Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
1	16	3	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_3^5\ \Phi_1^6$
2	20	24	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
3	21	32	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{11}{32}$	$\frac{3}{8}$	$\Phi_{32}\ \Phi_8\ \Phi_1$
4	22	18	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5	22	48	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{48}\ \Phi_{12}\ \Phi_6$
6	24	15	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
7	24	23	$\frac{5}{23}$	$\frac{7}{23}$	$\frac{8}{23}$	$\frac{9}{23}$	$\Phi_{23}\ \Phi_1^2$
8	24	39	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\frac{5}{13}$	Φ_{39}
9	24	12	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
10	25	36	$\frac{2}{9}$	$\frac{11}{36}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
11	25	8	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{3}{8}$	$\Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
12	26	20	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{7}{20}$	$\frac{2}{5}$	$\Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
13	28	12	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
14	28	30	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
15	28	9	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_9^4\ \Phi_3\ \Phi_1^2$
16	29	48	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{19}{48}$	$\Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
17	30	40	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{2}{5}$	$\Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
18	30	24	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{24}^3\ \Phi_{12}\ \Phi_6$
19	31	48	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{17}{48}$	$\frac{5}{12}$	$\Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
20	32	21	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
21	32	31	$\frac{5}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\frac{13}{31}$	$\Phi_{31}\ \Phi_1^2$
22	32	51	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\frac{7}{17}$	Φ_{51}
23	32	15	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{15}^3\ \Phi_5^2$
24	33	15	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{15}^2\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
25	33	36	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{36}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
26	33	16	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
27	34	30	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{30}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28	34	24	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
29	34	27	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\frac{10}{27}$	$\Phi_{27}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
30	35	24	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{5}{12}$	$\Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
31	35	72	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{72}\ \Phi_9\ \Phi_8\ \Phi_1$
32	36	48	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{48}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
33	36	14	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\frac{3}{7}$	$\Phi_{14}^4\ \Phi_7\ \Phi_2^4\ \Phi_1^2$
34	36	5	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{2}{5}$	$\Phi_5^7\ \Phi_1^8$
35	36	60	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
36	36	52	$\frac{3}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{52}\ \Phi_{26}$
37	36	35	$\frac{8}{35}$	$\frac{9}{35}$	$\frac{11}{35}$	$\frac{13}{35}$	$\Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
38	36	57	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{1}{3}$	$\frac{7}{19}$	Φ_{57}
39	36	12	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
40	37	64	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{27}{64}$	$\Phi_{64}\ \Phi_8\ \Phi_1$
41	37	48	$\frac{11}{48}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
42	38	96	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{13}{32}$	$\Phi_{96}\ \Phi_{12}\ \Phi_6$
43	38	24	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{24}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
44	38	30	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\frac{11}{30}$	$\Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
45	39	19	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{6}{19}$	$\frac{7}{19}$	$\Phi_{19}^2\ \Phi_1^3$
46	40	9	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_9^4\ \Phi_3^5\ \Phi_1^6$
47	40	39	$\frac{5}{39}$	$\frac{11}{39}$	$\frac{14}{39}$	$\frac{17}{39}$	$\Phi_{39}\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
48	40	56	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{3}{7}$	$\Phi_{56}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
49	40	21	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{21}^3\ \Phi_3^2$
50	40	120	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{120}\ \Phi_{15}$
51	40	6	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
52	40	27	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{27}^2\ \Phi_3\ \Phi_1^2$
53	41	64	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{23}{64}$	$\frac{7}{16}$	$\Phi_{64}\ \Phi_{16}\ \Phi_1$
54	41	60	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{19}{60}$	$\frac{11}{30}$	$\Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
55	42	60	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{5}{12}$	$\Phi_{60}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
56	42	12	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{12}^3\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
57	42	45	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{45}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
58	42	20	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{20}^3\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
59	42	36	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
60	43	60	$\frac{2}{15}$	$\frac{17}{60}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
61	43	72	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{29}{72}$	$\frac{5}{12}$	$\Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
62	43	72	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{29}{72}$	$\Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
63	43	54	$\frac{11}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
64	44	60	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{60}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
65	44	90	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
66	44	80	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{80}\ \Phi_{20}\ \Phi_{10}$
67	44	15	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{15}^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
68	45	16	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{7}{16}$	$\Phi_{16}^5\ \Phi_8\ \Phi_1$
69	45	64	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{19}{64}$	$\frac{13}{32}$	$\Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
70	45	8	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
71	46	42	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{42}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
72	46	36	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{13}{36}$	$\frac{4}{9}$	$\Phi_{36}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
73	46	96	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{96}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
74	46	40	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{17}{40}$	$\Phi_{40}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
75	46	120	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{17}{40}$	$\Phi_{120}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
76	46	30	$\frac{1}{5}$	$\frac{7}{30}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
77	46	36	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\frac{13}{36}$	$\Phi_{36}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
78	48	33	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{33}\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
79	48	47	$\frac{5}{47}$	$\frac{13}{47}$	$\frac{17}{47}$	$\frac{21}{47}$	$\Phi_{47}\ \Phi_1^2$
80	48	75	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{1}{3}$	$\frac{11}{25}$	$\Phi_{75}\ \Phi_{15}$
81	48	35	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{3}{7}$	$\Phi_{35}\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
82	48	84	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_6^2$
83	48	47	$\frac{7}{47}$	$\frac{9}{47}$	$\frac{19}{47}$	$\frac{20}{47}$	$\Phi_{47}\ \Phi_1^2$
84	48	68	$\frac{3}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{68}\ \Phi_{34}$
85	48	47	$\frac{9}{47}$	$\frac{11}{47}$	$\frac{14}{47}$	$\frac{19}{47}$	$\Phi_{47}\ \Phi_1^2$
86	48	15	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{15}^5\ \Phi_3^4$
87	48	65	$\frac{1}{5}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{65}
88	48	47	$\frac{8}{47}$	$\frac{13}{47}$	$\frac{15}{47}$	$\frac{17}{47}$	$\Phi_{47}\ \Phi_1^2$
89	48	75	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{1}{3}$	$\frac{9}{25}$	$\Phi_{75}\ \Phi_{15}$
90	48	21	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{21}^3\ \Phi_7^2$
91	48	33	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{33}\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
92	48	60	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
93	49	12	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{5}{12}$	$\Phi_{12}^2\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
94	49	36	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{36}^3\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
95	49	72	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{23}{72}$	$\frac{13}{36}$	$\Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
96	49	9	$\frac{2}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_9^5\ \Phi_3^6\ \Phi_1^7$
97	50	72	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{4}{9}$	$\Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
98	50	42	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{17}{42}$	$\frac{3}{7}$	$\Phi_{42}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
99	50	7	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_7^7\ \Phi_1^8$
100	50	24	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{24}^3\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
101	51	80	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{29}{80}$	$\frac{9}{20}$	$\Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
102	51	60	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
103	51	24	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{24}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
104	52	24	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{24}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
105	52	18	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
106	52	45	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{19}{45}$	$\Phi_{45}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
107	52	17	$\frac{3}{17}$	$\frac{4}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{17}^3\ \Phi_1^4$
108	52	15	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
109	52	18	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
110	52	48	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{48}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
111	53	96	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{43}{96}$	$\Phi_{96}\ \Phi_{32}\ \Phi_8\ \Phi_1$
112	53	64	$\frac{11}{64}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_1$
113	53	72	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{19}{72}$	$\frac{3}{8}$	$\Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
114	54	80	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{7}{16}$	$\Phi_{80}\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
115	54	48	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{48}^3\ \Phi_{12}\ \Phi_6$
116	54	20	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
117	54	53	$\frac{11}{53}$	$\frac{13}{53}$	$\frac{14}{53}$	$\frac{20}{53}$	$\Phi_{53}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
118	54	96	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{96}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
119	54	76	$\frac{4}{19}$	$\frac{1}{4}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{76}\ \Phi_{38}$
120	54	42	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\frac{5}{14}$	$\Phi_{42}^3\ \Phi_{21}\ \Phi_6^3$
121	54	12	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
122	55	40	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{9}{20}$	$\Phi_{40}^2\ \Phi_{20}\ \Phi_8^3\ \Phi_4\ \Phi_1$
123	55	96	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{41}{96}$	$\Phi_{96}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$
124	55	72	$\frac{1}{6}$	$\frac{17}{72}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
125	55	18	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{18}^2\ \Phi_9^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
126	55	48	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{48}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
127	55	120	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\frac{3}{8}$	$\Phi_{120}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
128	56	39	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{39}\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
129	56	11	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{4}{11}$	$\frac{5}{11}$	$\Phi_{11}^5\ \Phi_1^6$
130	56	87	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{1}{3}$	$\frac{13}{29}$	Φ_{87}
131	56	25	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{11}{25}$	$\Phi_{25}^2\ \Phi_5^3\ \Phi_1^4$
132	56	84	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{3}{7}$	$\Phi_{84}\ \Phi_{28}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
133	56	63	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{63}\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
134	56	60	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}$
135	56	10	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{10}^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
136	56	45	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\frac{17}{45}$	$\Phi_{45}\ \Phi_{15}^2\ \Phi_9\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
137	56	24	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
138	56	45	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{45}^2\ \Phi_{15}$
139	57	32	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{13}{32}$	$\frac{7}{16}$	$\Phi_{32}^3\ \Phi_{16}\ \Phi_1$
140	57	80	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{23}{80}$	$\frac{17}{40}$	$\Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
141	57	32	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{32}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
142	57	24	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
143	57	60	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{60}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
144	57	28	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{9}{28}$	$\frac{5}{14}$	$\Phi_{28}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
145	58	54	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{54}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
146	58	120	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{120}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
147	58	150	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{21}{50}$	$\Phi_{150}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
148	58	36	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
149	58	48	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\frac{19}{48}$	$\Phi_{48}^2\ \Phi_{16}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150	58	45	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\frac{16}{45}$	$\Phi_{45}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
151	58	36	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
152	60	84	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{84}\ \Phi_{28}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
153	60	88	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{5}{11}$	$\Phi_{88}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
154	60	45	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{4}{9}$	$\Phi_{45}\ \Phi_{15}\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
155	60	36	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
156	60	59	$\frac{7}{59}$	$\frac{11}{59}$	$\frac{24}{59}$	$\frac{26}{59}$	$\Phi_{59}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157	60	28	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{28}^3\ \Phi_{14}^3\ \Phi_4^2\ \Phi_2^2$
158	60	59	$\frac{9}{59}$	$\frac{14}{59}$	$\frac{17}{59}$	$\frac{25}{59}$	$\Phi_{59}\ \Phi_1^2$
159	60	93	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{1}{3}$	$\frac{13}{31}$	Φ_{93}
160	60	30	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
161	60	78	$\frac{1}{6}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{78}\ \Phi_{39}\ \Phi_{26}$
162	60	168	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{168}\ \Phi_{21}$
163	60	88	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\frac{3}{8}$	$\Phi_{88}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
164	60	40	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
165	60	59	$\frac{8}{59}$	$\frac{17}{59}$	$\frac{19}{59}$	$\frac{21}{59}$	$\Phi_{59}\ \Phi_1^2$
166	60	93	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{1}{3}$	$\frac{11}{31}$	Φ_{93}
167	60	21	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{21}^2\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
168	60	12	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{12}^7\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
169	60	108	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{108}\ \Phi_{54}\ \Phi_{12}\ \Phi_6$
170	61	96	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{35}{96}$	$\frac{11}{24}$	$\Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
171	61	112	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{51}{112}$	$\Phi_{112}\ \Phi_{16}\ \Phi_8\ \Phi_1$
172	61	84	$\frac{2}{21}$	$\frac{23}{84}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{84}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
173	61	108	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{47}{108}$	$\Phi_{108}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
174	61	72	$\frac{11}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
175	61	96	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\frac{35}{96}$	$\Phi_{96}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
176	61	81	$\frac{2}{9}$	$\frac{20}{81}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{81}\ \Phi_9\ \Phi_1$
177	62	168	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{25}{56}$	$\Phi_{168}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
178	62	48	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\frac{17}{48}$	$\Phi_{48}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
179	63	48	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{7}{16}$	$\Phi_{48}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
180	63	144	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{144}\ \Phi_{16}\ \Phi_9\ \Phi_1$
181	63	12	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{12}^5\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
182	63	31	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{10}{31}$	$\frac{11}{31}$	$\Phi_{31}^2\ \Phi_1^3$
183	63	36	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
184	64	15	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{15}^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
185	64	63	$\frac{5}{63}$	$\frac{17}{63}$	$\frac{23}{63}$	$\frac{29}{63}$	$\Phi_{63}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
186	64	33	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{33}^3\ \Phi_3^2$
187	64	27	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{11}{27}$	$\frac{4}{9}$	$\Phi_{27}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
188	64	7	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{3}{7}$	$\Phi_7^9\ \Phi_1^{10}$
189	64	105	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{105}\ \Phi_{15}^2$
190	64	21	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{21}^4\ \Phi_7\ \Phi_3^4\ \Phi_1^2$
191	64	85	$\frac{3}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\frac{7}{17}$	Φ_{85}
192	64	63	$\frac{11}{63}$	$\frac{13}{63}$	$\frac{19}{63}$	$\frac{25}{63}$	$\Phi_{63}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
193	64	33	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{1}{3}$	$\frac{13}{33}$	$\Phi_{33}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
194	64	9	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_9^8\ \Phi_3^5\ \Phi_1^6$
195	64	45	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{45}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
196	64	15	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{15}^3\ \Phi_5^6\ \Phi_3^4\ \Phi_1^8$
197	65	24	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{11}{24}$	$\Phi_{24}\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
198	65	120	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{120}\ \Phi_{40}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
199	65	72	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\frac{3}{8}$	$\Phi_{72}^2\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
200	65	16	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{16}^5\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
201	65	96	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{31}{96}$	$\frac{17}{48}$	$\Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
202	66	52	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{19}{52}$	$\frac{6}{13}$	$\Phi_{52}^2\ \Phi_{13}\ \Phi_4^2\ \Phi_1^2$
203	66	20	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{9}{20}$	$\Phi_{20}^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
204	66	60	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{60}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
205	66	40	$\frac{7}{40}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{40}^2\ \Phi_{20}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
206	66	15	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{2}{5}$	$\Phi_{15}^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
207	66	126	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{126}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
208	66	13	$\frac{2}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{13}^5\ \Phi_1^6$
209	66	112	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{112}\ \Phi_{28}\ \Phi_{14}$
210	66	60	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
211	67	120	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{53}{120}$	$\Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
212	67	96	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{29}{96}$	$\frac{19}{48}$	$\Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
213	67	108	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\frac{41}{108}$	$\Phi_{108}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
214	68	96	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{96}\ \Phi_{32}^2\ \Phi_3\ \Phi_1^2$
215	68	30	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{30}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
216	68	21	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{21}^3\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
217	68	120	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{120}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
218	68	60	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
219	68	84	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\frac{11}{28}$	$\Phi_{84}^2\ \Phi_{21}\ \Phi_{12}^2$
220	68	24	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
221	68	60	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
222	68	45	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{45}^2\ \Phi_{15}\ \Phi_9^2$
223	69	128	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{59}{128}$	$\Phi_{128}\ \Phi_8\ \Phi_1$
224	69	84	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{84}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
225	69	32	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{32}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
226	69	40	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{40}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
227	69	80	$\frac{11}{80}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
228	69	32	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{9}{32}$	$\frac{3}{8}$	$\Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
229	69	36	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{36}\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
230	70	66	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{66}^2\ \Phi_{22}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
231	70	104	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{6}{13}$	$\Phi_{104}\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
232	70	48	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{48}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
233	70	192	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{29}{64}$	$\Phi_{192}\ \Phi_{12}\ \Phi_6$
234	70	36	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{4}{9}$	$\Phi_{36}^3\ \Phi_{12}^4\ \Phi_9\ \Phi_4^4\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
235	70	9	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_9^8\ \Phi_3^7\ \Phi_1^8$
236	70	12	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{12}^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
237	70	30	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
238	70	24	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{24}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
239	70	54	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\frac{19}{54}$	$\Phi_{54}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
240	70	18	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{18}^6\ \Phi_9^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
241	70	48	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\frac{1}{3}$	$\Phi_{48}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
242	71	112	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{41}{112}$	$\frac{13}{28}$	$\Phi_{112}\ \Phi_{28}\ \Phi_{16}\ \Phi_4\ \Phi_1$
243	71	120	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{49}{120}$	$\frac{9}{20}$	$\Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
244	71	100	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{29}{100}$	$\frac{21}{50}$	$\Phi_{100}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
245	71	120	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{49}{120}$	$\Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
246	71	90	$\frac{1}{5}$	$\frac{19}{90}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{90}\ \Phi_{45}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
247	72	51	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{51}\ \Phi_{17}^2\ \Phi_3^2\ \Phi_1^4$
248	72	71	$\frac{5}{71}$	$\frac{19}{71}$	$\frac{26}{71}$	$\frac{33}{71}$	$\Phi_{71}\ \Phi_1^2$
249	72	111	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{1}{3}$	$\frac{17}{37}$	Φ_{111}
250	72	55	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{5}{11}$	$\Phi_{55}\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
251	72	132	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{132}\ \Phi_{66}\ \Phi_{12}^2\ \Phi_6^2$
252	72	71	$\frac{7}{71}$	$\frac{13}{71}$	$\frac{29}{71}$	$\frac{32}{71}$	$\Phi_{71}\ \Phi_1^2$
253	72	100	$\frac{3}{25}$	$\frac{1}{4}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
254	72	112	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{7}{16}$	$\Phi_{112}\ \Phi_{16}^2\ \Phi_7\ \Phi_1^2$
255	72	240	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{240}\ \Phi_{15}$
256	72	71	$\frac{9}{71}$	$\frac{17}{71}$	$\frac{20}{71}$	$\frac{31}{71}$	$\Phi_{71}\ \Phi_1^2$
257	72	111	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{1}{3}$	$\frac{16}{37}$	Φ_{111}
258	72	28	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
259	72	71	$\frac{13}{71}$	$\frac{14}{71}$	$\frac{19}{71}$	$\frac{29}{71}$	$\Phi_{71}\ \Phi_1^2$
260	72	105	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{105}\ \Phi_{21}^2$
261	72	55	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\frac{2}{5}$	$\Phi_{55}\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
262	72	20	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{20}^5\ \Phi_{10}^5\ \Phi_4^4\ \Phi_2^4$
263	72	91	$\frac{1}{7}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{91}
264	72	71	$\frac{11}{71}$	$\frac{17}{71}$	$\frac{20}{71}$	$\frac{27}{71}$	$\Phi_{71}\ \Phi_1^2$
265	72	95	$\frac{1}{5}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	Φ_{95}
266	72	71	$\frac{14}{71}$	$\frac{15}{71}$	$\frac{19}{71}$	$\frac{26}{71}$	$\Phi_{71}\ \Phi_1^2$
267	72	100	$\frac{4}{25}$	$\frac{1}{4}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
268	72	71	$\frac{8}{71}$	$\frac{21}{71}$	$\frac{23}{71}$	$\frac{25}{71}$	$\Phi_{71}\ \Phi_1^2$
269	72	111	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{1}{3}$	$\frac{13}{37}$	Φ_{111}
270	72	30	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_2^2$
271	72	51	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{51}\ \Phi_{17}^2\ \Phi_3^2\ \Phi_1^4$
272	72	84	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{84}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
273	72	132	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{132}\ \Phi_{66}\ \Phi_{12}^2\ \Phi_6^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
274	72	111	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\frac{1}{3}$	Φ_{111}
275	72	60	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^3$
276	73	128	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{55}{128}$	$\frac{7}{16}$	$\Phi_{128}\ \Phi_{16}\ \Phi_1$
277	73	96	$\frac{1}{8}$	$\frac{23}{96}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
278	73	90	$\frac{2}{15}$	$\frac{17}{90}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{90}\ \Phi_{45}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
279	73	120	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\frac{47}{120}$	$\Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
280	73	108	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{35}{108}$	$\frac{19}{54}$	$\Phi_{108}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
281	75	56	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{13}{28}$	$\Phi_{56}^2\ \Phi_{28}\ \Phi_8^3\ \Phi_4\ \Phi_1$
282	75	56	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\frac{3}{8}$	$\Phi_{56}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
283	75	24	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{24}^6\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
284	75	33	$\frac{2}{11}$	$\frac{8}{33}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{33}^2\ \Phi_{11}^3\ \Phi_3\ \Phi_1^3$
285	76	36	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{36}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
286	76	30	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{11}{30}$	$\frac{7}{15}$	$\Phi_{30}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
287	76	78	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{78}^2\ \Phi_{39}\ \Phi_6^2$
288	76	35	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{16}{35}$	$\Phi_{35}^2\ \Phi_7^2\ \Phi_5^3\ \Phi_1^4$
289	76	160	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{160}\ \Phi_{20}\ \Phi_{10}$
290	76	120	$\frac{1}{5}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
291	76	30	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{30}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
292	76	25	$\frac{4}{25}$	$\frac{6}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{25}^3\ \Phi_5^3\ \Phi_1^4$
293	76	21	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{21}^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
294	76	27	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{27}^4\ \Phi_3\ \Phi_1^2$
295	76	45	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{45}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
296	76	24	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
297	77	144	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{67}{144}$	$\Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
298	77	60	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{9}{20}$	$\Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
299	77	180	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{180}\ \Phi_{36}\ \Phi_{20}\ \Phi_9\ \Phi_4\ \Phi_1$
300	77	20	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\frac{9}{20}$	$\Phi_{20}^3\ \Phi_{10}^5\ \Phi_5^5\ \Phi_4^2\ \Phi_2^4\ \Phi_1^5$
301	77	60	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{5}{12}$	$\Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
302	77	96	$\frac{3}{16}$	$\frac{19}{96}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
303	77	128	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\frac{51}{128}$	$\Phi_{128}\ \Phi_{16}\ \Phi_8\ \Phi_1$
304	77	72	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{72}\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
305	77	16	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{16}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
306	77	96	$\frac{19}{96}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
307	77	120	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\frac{43}{120}$	$\Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
308	77	45	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{45}^2\ \Phi_{15}\ \Phi_9^3\ \Phi_3\ \Phi_1$
309	78	120	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{11}{24}$	$\Phi_{120}\ \Phi_{40}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
310	78	24	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{24}^6\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
311	78	22	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\frac{5}{11}$	$\Phi_{22}^6\ \Phi_{11}\ \Phi_2^6\ \Phi_1^2$
312	78	36	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{36}^3\ \Phi_{18}\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
313	78	70	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{31}{70}$	$\Phi_{70}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
314	78	210	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{31}{70}$	$\Phi_{210}\ \Phi_{42}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
315	78	48	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{48}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
316	78	15	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{15}^5\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
317	78	90	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\frac{2}{5}$	$\Phi_{90}\ \Phi_{45}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
318	78	80	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{80}\ \Phi_{40}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
319	78	56	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{17}{56}$	$\frac{11}{28}$	$\Phi_{56}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
320	78	192	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\frac{25}{64}$	$\Phi_{192}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
321	78	21	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\frac{8}{21}$	$\Phi_{21}^3\ \Phi_7^5\ \Phi_3^3\ \Phi_1^6$
322	78	60	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\frac{7}{20}$	$\Phi_{60}^3\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^3\ \Phi_6$
323	78	60	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
324	78	36	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{36}^4\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
325	78	48	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
326	79	108	$\frac{2}{27}$	$\frac{29}{108}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{108}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
327	79	144	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{65}{144}$	$\Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
328	79	144	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{65}{144}$	$\Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_9\ \Phi_1$
329	79	96	$\frac{1}{6}$	$\frac{17}{96}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
330	79	108	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{29}{108}$	$\frac{5}{12}$	$\Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
331	79	90	$\frac{11}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
332	79	108	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{29}{108}$	$\frac{1}{3}$	$\Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
333	80	57	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{57}\ \Phi_{19}^2\ \Phi_3^2\ \Phi_1^4$
334	80	79	$\frac{5}{79}$	$\frac{21}{79}$	$\frac{29}{79}$	$\frac{37}{79}$	$\Phi_{79}\ \Phi_1^2$
335	80	120	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{7}{15}$	$\Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
336	80	123	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{1}{3}$	$\frac{19}{41}$	Φ_{123}
337	80	63	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{4}{9}$	$\Phi_{63}\ \Phi_{21}\ \Phi_9^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
338	80	45	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{45}^2\ \Phi_{15}^3\ \Phi_5^2$
339	80	79	$\frac{9}{79}$	$\frac{11}{79}$	$\frac{34}{79}$	$\frac{35}{79}$	$\Phi_{79}\ \Phi_1^2$
340	80	42	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{42}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
341	80	35	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{35}^3\ \Phi_5^2$
342	80	79	$\frac{13}{79}$	$\frac{14}{79}$	$\frac{23}{79}$	$\frac{33}{79}$	$\Phi_{79}\ \Phi_1^2$
343	80	123	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{1}{3}$	$\frac{17}{41}$	Φ_{123}
344	80	102	$\frac{1}{6}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{102}\ \Phi_{51}\ \Phi_{34}$
345	80	79	$\frac{11}{79}$	$\frac{17}{79}$	$\frac{24}{79}$	$\frac{31}{79}$	$\Phi_{79}\ \Phi_1^2$
346	80	123	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{1}{3}$	$\frac{16}{41}$	Φ_{123}
347	80	72	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{72}^2\ \Phi_{24}\ \Phi_9^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
348	80	40	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{40}^3\ \Phi_8^4\ \Phi_5^3\ \Phi_1^4$
349	80	33	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{33}^3\ \Phi_{11}^2$
350	80	57	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{57}\ \Phi_{19}^2\ \Phi_3^2\ \Phi_1^4$
351	80	30	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
352	80	135	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{135}\ \Phi_{15}$
353	81	128	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{47}{128}$	$\frac{15}{32}$	$\Phi_{128}\ \Phi_{32}\ \Phi_1$
354	81	112	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{31}{112}$	$\frac{25}{56}$	$\Phi_{112}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
355	81	16	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{7}{16}$	$\Phi_{16}^2\ \Phi_8^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
356	81	16	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{16}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
357	81	25	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\frac{2}{5}$	$\Phi_{25}^3\ \Phi_5^4\ \Phi_1^5$
358	81	32	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{32}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
359	81	28	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{28}^4\ \Phi_{14}\ \Phi_7^3\ \Phi_4^3\ \Phi_1^3$
360	81	40	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{13}{40}$	$\frac{7}{20}$	$\Phi_{40}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
361	81	4	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^{21}$
362	82	78	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{78}^2\ \Phi_{26}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
363	82	168	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{168}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_6$
364	82	72	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{31}{72}$	$\frac{4}{9}$	$\Phi_{72}^2\ \Phi_{24}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
365	82	54	$\frac{1}{9}$	$\frac{13}{54}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{54}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
366	82	72	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{31}{72}$	$\Phi_{72}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
367	82	48	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
368	82	210	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\frac{29}{70}$	$\Phi_{210}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_6$
369	82	63	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\frac{22}{63}$	$\Phi_{63}\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
370	82	54	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{54}^2\ \Phi_{27}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
371	84	120	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{120}\ \Phi_{40}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
372	84	65	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{6}{13}$	$\Phi_{65}\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
373	84	156	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{156}\ \Phi_{78}\ \Phi_{12}^2\ \Phi_6^2$
374	84	83	$\frac{7}{83}$	$\frac{15}{83}$	$\frac{34}{83}$	$\frac{38}{83}$	$\Phi_{83}\ \Phi_1^2$
375	84	132	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{5}{11}$	$\Phi_{132}\ \Phi_{44}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
376	84	99	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{99}\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
377	84	116	$\frac{3}{29}$	$\frac{1}{4}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{116}\ \Phi_{58}$
378	84	83	$\frac{9}{83}$	$\frac{20}{83}$	$\frac{23}{83}$	$\frac{37}{83}$	$\Phi_{83}\ \Phi_1^2$
379	84	129	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{1}{3}$	$\frac{19}{43}$	Φ_{129}
380	84	84	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{84}^2\ \Phi_{28}^2\ \Phi_{21}$
381	84	132	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{5}{12}$	$\Phi_{132}\ \Phi_{44}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
382	84	60	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{60}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
383	84	120	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
384	84	70	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{70}^2\ \Phi_{35}\ \Phi_{14}^2$
385	84	104	$\frac{1}{8}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{104}\ \Phi_{52}\ \Phi_{26}$
386	84	83	$\frac{8}{83}$	$\frac{25}{83}$	$\frac{27}{83}$	$\frac{29}{83}$	$\Phi_{83}\ \Phi_1^2$
387	84	129	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{1}{3}$	$\frac{15}{43}$	Φ_{129}
388	84	30	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
389	84	24	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{24}^3\ \Phi_{12}^2\ \Phi_8^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
390	84	63	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{63}^2\ \Phi_{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
391	84	75	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{75}\ \Phi_{25}^2\ \Phi_3\ \Phi_1^2$
392	84	99	$\frac{2}{11}$	$\frac{2}{9}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{99}\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
393	84	180	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}\ \Phi_{90}\ \Phi_{20}\ \Phi_{10}$
394	85	32	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{15}{32}$	$\Phi_{32}^5\ \Phi_8\ \Phi_1$
395	85	144	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{59}{144}$	$\frac{11}{24}$	$\Phi_{144}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
396	85	30	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{30}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
397	85	21	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{21}^5\ \Phi_7^2\ \Phi_3^5\ \Phi_1^3$
398	85	24	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{24}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
399	85	144	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\frac{59}{144}$	$\Phi_{144}\ \Phi_{48}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
400	85	28	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\frac{11}{28}$	$\Phi_{28}^5\ \Phi_7^2\ \Phi_4^5\ \Phi_1^3$
401	85	96	$\frac{11}{96}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
402	85	24	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\frac{3}{8}$	$\Phi_{24}^5\ \Phi_{12}^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
403	85	40	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{40}^4\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
404	85	108	$\frac{1}{6}$	$\frac{23}{108}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
405	86	68	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{25}{68}$	$\frac{8}{17}$	$\Phi_{68}^2\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
406	86	80	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{37}{80}$	$\Phi_{80}^2\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
407	86	240	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{37}{80}$	$\Phi_{240}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
408	86	60	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{17}{60}$	$\frac{13}{30}$	$\Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
409	86	75	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{32}{75}$	$\Phi_{75}\ \Phi_{25}\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
410	86	50	$\frac{7}{50}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{50}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
411	86	60	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{17}{60}$	$\frac{2}{5}$	$\Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
412	86	48	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{48}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
413	86	66	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\frac{23}{66}$	$\Phi_{66}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_6^2\ \Phi_2^2$
414	86	60	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\frac{1}{3}$	$\Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
415	87	108	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{108}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
416	87	40	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{40}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
417	87	100	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{21}{50}$	$\Phi_{100}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
418	87	36	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
419	87	48	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{19}{48}$	$\Phi_{48}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
420	87	43	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{14}{43}$	$\frac{15}{43}$	$\Phi_{43}^2\ \Phi_1^3$
421	87	36	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
422	88	21	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{21}^4\ \Phi_7^4\ \Phi_3^5\ \Phi_1^6$
423	88	87	$\frac{5}{87}$	$\frac{23}{87}$	$\frac{32}{87}$	$\frac{41}{87}$	$\Phi_{87}\ \Phi_{29}\ \Phi_3\ \Phi_1^2$
424	88	15	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{15}^6\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
425	88	81	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{37}{81}$	$\Phi_{81}\ \Phi_{27}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
426	88	140	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{9}{20}$	$\Phi_{140}\ \Phi_{28}\ \Phi_{20}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
427	88	60	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{60}^4\ \Phi_{15}\ \Phi_{12}^4$
428	88	29	$\frac{3}{29}$	$\frac{7}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{29}^3\ \Phi_1^4$
429	88	27	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{27}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
430	88	105	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{3}{7}$	$\Phi_{105}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
431	88	75	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\frac{31}{75}$	$\Phi_{75}\ \Phi_{25}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
432	88	75	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{75}^2\ \Phi_{15}$
433	88	18	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{18}^8\ \Phi_9^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
434	88	144	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
435	88	12	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{12}^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
436	88	63	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{63}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
437	88	42	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{42}^2\ \Phi_{21}\ \Phi_{14}^4\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
438	88	15	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{15}^5\ \Phi_5^8\ \Phi_3^4\ \Phi_1^8$
439	88	27	$\frac{5}{27}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{27}^3\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
440	89	160	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{71}{160}$	$\Phi_{160}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
441	89	128	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{39}{128}$	$\frac{25}{64}$	$\Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
442	89	144	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\frac{55}{144}$	$\Phi_{144}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
443	89	132	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{43}{132}$	$\frac{23}{66}$	$\Phi_{132}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
444	90	136	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{8}{17}$	$\Phi_{136}\ \Phi_{17}\ \Phi_8^2\ \Phi_1^2$
445	90	140	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{13}{28}$	$\Phi_{140}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
446	90	84	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{84}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
447	90	144	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{4}{9}$	$\Phi_{144}\ \Phi_{48}\ \Phi_{16}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
448	90	36	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
449	90	48	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{48}^3\ \Phi_{16}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
450	90	89	$\frac{13}{89}$	$\frac{17}{89}$	$\frac{24}{89}$	$\frac{38}{89}$	$\Phi_{89}\ \Phi_1^2$
451	90	124	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{1}{4}$	$\frac{13}{31}$	$\Phi_{124}\ \Phi_{62}$
452	90	35	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\frac{2}{5}$	$\Phi_{35}^2\ \Phi_7^4\ \Phi_5^3\ \Phi_1^6$
453	90	60	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{60}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
454	90	89	$\frac{11}{89}$	$\frac{21}{89}$	$\frac{26}{89}$	$\frac{34}{89}$	$\Phi_{89}\ \Phi_1^2$
455	90	120	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{120}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
456	90	136	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\frac{3}{8}$	$\Phi_{136}\ \Phi_{17}\ \Phi_8^2\ \Phi_1^2$
457	90	56	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{56}^3\ \Phi_{28}\ \Phi_{14}$
458	90	114	$\frac{1}{6}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{114}\ \Phi_{57}\ \Phi_{38}$
459	90	89	$\frac{14}{89}$	$\frac{19}{89}$	$\frac{25}{89}$	$\frac{32}{89}$	$\Phi_{89}\ \Phi_1^2$
460	90	124	$\frac{4}{31}$	$\frac{1}{4}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{124}\ \Phi_{62}$
461	90	84	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{84}^2\ \Phi_{42}^2\ \Phi_{12}^3\ \Phi_6^3$
462	90	138	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\frac{1}{3}$	$\Phi_{138}\ \Phi_{69}\ \Phi_6$
463	90	12	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{12}^6\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
464	91	144	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{53}{144}$	$\frac{17}{36}$	$\Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
465	91	24	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{11}{24}$	$\Phi_{24}^7\ \Phi_{12}\ \Phi_8^7\ \Phi_4\ \Phi_1$
466	91	72	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{72}^3\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
467	91	160	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{69}{160}$	$\frac{9}{20}$	$\Phi_{160}\ \Phi_{32}\ \Phi_{20}\ \Phi_4\ \Phi_1$
468	91	120	$\frac{1}{10}$	$\frac{29}{120}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
469	91	60	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{60}^3\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
470	91	36	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{5}{12}$	$\Phi_{36}^6\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
471	91	48	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
472	91	144	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\frac{53}{144}$	$\Phi_{144}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
473	91	45	$\frac{2}{15}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{45}^3\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
474	91	18	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{18}^4\ \Phi_9^5\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
475	91	144	$\frac{3}{16}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{144}\ \Phi_{72}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
476	92	132	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{132}\ \Phi_{44}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
477	92	39	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{16}{39}$	$\frac{6}{13}$	$\Phi_{39}^2\ \Phi_{13}^3\ \Phi_3^2\ \Phi_1^4$
478	92	42	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{19}{42}$	$\Phi_{42}^4\ \Phi_{14}^4\ \Phi_7\ \Phi_6^4\ \Phi_2^4\ \Phi_1^2$
479	92	210	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{210}\ \Phi_{70}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
480	92	160	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{160}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
481	92	28	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{28}^4\ \Phi_{14}^4\ \Phi_7\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
482	92	63	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{17}{63}$	$\frac{3}{7}$	$\Phi_{63}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
483	92	40	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{40}^4\ \Phi_{20}\ \Phi_{10}\ \Phi_8^4$
484	92	180	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{180}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
485	92	33	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{33}^3\ \Phi_{11}^2\ \Phi_3^4\ \Phi_1^4$
486	93	176	$\frac{5}{88}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{83}{176}$	$\Phi_{176}\ \Phi_{16}\ \Phi_8\ \Phi_1$
487	93	128	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{35}{128}$	$\frac{29}{64}$	$\Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
488	93	56	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{56}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
489	93	160	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{67}{160}$	$\Phi_{160}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
490	93	48	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{48}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
491	94	90	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{90}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
492	94	192	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{192}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
493	94	264	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{41}{88}$	$\Phi_{264}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
494	94	84	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{37}{84}$	$\Phi_{84}^2\ \Phi_{28}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
495	94	240	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\frac{33}{80}$	$\Phi_{240}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
496	94	72	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\frac{25}{72}$	$\Phi_{72}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
497	94	54	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
498	94	60	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
499	95	72	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{17}{36}$	$\Phi_{72}^2\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
500	95	96	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{96}^2\ \Phi_{32}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
501	95	168	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{168}\ \Phi_{56}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$
502	95	216	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\frac{3}{8}$	$\Phi_{216}\ \Phi_{27}\ \Phi_8\ \Phi_1$
503	95	24	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{24}^3\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
504	95	30	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{30}^3\ \Phi_{15}^4\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
505	96	69	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{69}\ \Phi_{23}^2\ \Phi_3^2\ \Phi_1^4$
506	96	19	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\frac{9}{19}$	$\Phi_{19}^5\ \Phi_1^6$
507	96	147	$\frac{3}{49}$	$\frac{13}{49}$	$\frac{1}{3}$	$\frac{23}{49}$	$\Phi_{147}\ \Phi_{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
508	96	15	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{7}{15}$	$\Phi_{15}^6\ \Phi_5^7\ \Phi_3^6\ \Phi_1^8$
509	96	60	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
510	96	95	$\frac{7}{95}$	$\frac{17}{95}$	$\frac{39}{95}$	$\frac{44}{95}$	$\Phi_{95}\ \Phi_{19}\ \Phi_5\ \Phi_1^2$
511	96	77	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{5}{11}$	$\Phi_{77}\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
512	96	165	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{165}\ \Phi_{15}^2$
513	96	44	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{44}^3\ \Phi_{22}^3\ \Phi_4^2\ \Phi_2^2$
514	96	95	$\frac{9}{95}$	$\frac{13}{95}$	$\frac{41}{95}$	$\frac{43}{95}$	$\Phi_{95}\ \Phi_{19}\ \Phi_5\ \Phi_1^2$
515	96	95	$\frac{9}{95}$	$\frac{23}{95}$	$\frac{26}{95}$	$\frac{43}{95}$	$\Phi_{95}\ \Phi_{19}\ \Phi_5\ \Phi_1^2$
516	96	147	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{1}{3}$	$\frac{22}{49}$	$\Phi_{147}\ \Phi_{21}$
517	96	25	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{25}^4\ \Phi_5^3\ \Phi_1^4$
518	96	95	$\frac{13}{95}$	$\frac{17}{95}$	$\frac{27}{95}$	$\frac{41}{95}$	$\Phi_{95}\ \Phi_{19}\ \Phi_5\ \Phi_1^2$
519	96	21	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{21}^7\ \Phi_3^6$
520	96	77	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{3}{7}$	$\Phi_{77}\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
521	96	140	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{140}\ \Phi_{70}\ \Phi_{20}^2\ \Phi_{10}^2$
522	96	119	$\frac{1}{7}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	Φ_{119}
523	96	95	$\frac{14}{95}$	$\frac{17}{95}$	$\frac{27}{95}$	$\frac{39}{95}$	$\Phi_{95}\ \Phi_{19}\ \Phi_5\ \Phi_1^2$
524	96	45	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{45}^2\ \Phi_{15}\ \Phi_9^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
525	96	5	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_5^{19}\ \Phi_1^{20}$
526	96	132	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{1}{4}$	$\frac{13}{33}$	$\Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
527	96	95	$\frac{11}{95}$	$\frac{21}{95}$	$\frac{29}{95}$	$\frac{37}{95}$	$\Phi_{95}\ \Phi_{19}\ \Phi_5\ \Phi_1^2$
528	96	147	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{1}{3}$	$\frac{19}{49}$	$\Phi_{147}\ \Phi_{21}$
529	96	117	$\frac{1}{9}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{117}\ \Phi_{39}$
530	96	19	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{19}^5\ \Phi_1^6$
531	96	25	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{25}^4\ \Phi_5^3\ \Phi_1^4$
532	96	95	$\frac{8}{95}$	$\frac{29}{95}$	$\frac{31}{95}$	$\frac{33}{95}$	$\Phi_{95}\ \Phi_{19}\ \Phi_5\ \Phi_1^2$
533	96	147	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{1}{3}$	$\frac{17}{49}$	$\Phi_{147}\ \Phi_{21}$
534	96	39	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{39}^3\ \Phi_{13}^2$
535	96	69	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{69}\ \Phi_{23}^2\ \Phi_3^2\ \Phi_1^4$
536	96	36	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{36}^4\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
537	96	69	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{69}\ \Phi_{23}^2\ \Phi_3^2\ \Phi_1^4$
538	96	105	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}\ \Phi_{35}^2$
539	96	180	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{180}\ \Phi_{90}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
540	96	21	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{21}^4\ \Phi_7^6\ \Phi_3^3\ \Phi_1^6$
541	96	165	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{165}\ \Phi_{15}^2$
542	96	147	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\frac{1}{3}$	$\Phi_{147}\ \Phi_{21}$
543	96	60	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^3\ \Phi_{30}^3\ \Phi_{12}^4\ \Phi_6^4$
544	97	132	$\frac{2}{33}$	$\frac{35}{132}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{132}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
545	97	180	$\frac{7}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{83}{180}$	$\Phi_{180}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
546	97	120	$\frac{3}{20}$	$\frac{23}{120}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
547	97	160	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\frac{63}{160}$	$\Phi_{160}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
548	97	108	$\frac{11}{108}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
549	97	144	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{47}{144}$	$\frac{25}{72}$	$\Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
550	97	135	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{38}{135}$	$\frac{1}{3}$	$\Phi_{135}\ \Phi_{27}\ \Phi_9\ \Phi_1$
551	98	156	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{6}{13}$	$\Phi_{156}\ \Phi_{52}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
552	98	117	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{117}\ \Phi_{13}\ \Phi_9^2\ \Phi_1^2$
553	98	90	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{41}{90}$	$\Phi_{90}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
554	98	60	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{60}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
555	98	24	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{24}^5\ \Phi_{12}^3\ \Phi_8^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
556	98	40	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
557	98	240	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\frac{31}{80}$	$\Phi_{240}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
558	98	72	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
559	98	60	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
560	99	56	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{23}{56}$	$\frac{13}{28}$	$\Phi_{56}^3\ \Phi_{28}\ \Phi_8^3\ \Phi_4\ \Phi_1$
561	99	80	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{9}{20}$	$\Phi_{80}^2\ \Phi_{20}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
562	99	20	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{20}^5\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
563	99	240	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{7}{16}$	$\Phi_{240}\ \Phi_{48}\ \Phi_{16}\ \Phi_{15}\ \Phi_3\ \Phi_1$
564	99	140	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{41}{140}$	$\frac{29}{70}$	$\Phi_{140}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
565	99	56	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\frac{23}{56}$	$\Phi_{56}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
566	99	90	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{90}\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
567	99	80	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{80}^2\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
568	99	14	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{14}^6\ \Phi_7^8\ \Phi_2^6\ \Phi_1^9$
569	99	60	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
570	100	48	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{48}^4\ \Phi_{16}^4\ \Phi_3\ \Phi_1^2$
571	100	152	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{9}{19}$	$\Phi_{152}\ \Phi_{19}\ \Phi_8^2\ \Phi_1^2$
572	100	102	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{102}^2\ \Phi_{51}\ \Phi_6^2$
573	100	44	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{19}{44}$	$\frac{5}{11}$	$\Phi_{44}^4\ \Phi_{11}\ \Phi_4^4\ \Phi_1^2$
574	100	33	$\frac{1}{11}$	$\frac{8}{33}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{33}^4\ \Phi_{11}\ \Phi_3^4\ \Phi_1^2$
575	100	9	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{4}{9}$	$\Phi_9^{11}\ \Phi_3^{11}\ \Phi_1^{12}$
576	100	18	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{18}^6\ \Phi_9^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
577	100	42	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{42}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
578	100	99	$\frac{14}{99}$	$\frac{17}{99}$	$\frac{29}{99}$	$\frac{41}{99}$	$\Phi_{99}\ \Phi_{33}\ \Phi_{11}\ \Phi_9\ \Phi_3\ \Phi_1^2$
579	100	51	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\frac{7}{17}$	$\Phi_{51}^3\ \Phi_3^2$
580	100	36	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{11}{36}$	$\frac{7}{18}$	$\Phi_{36}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
581	100	81	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\frac{31}{81}$	$\Phi_{81}\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
582	100	264	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{264}\ \Phi_{33}$
583	100	152	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{152}\ \Phi_{19}\ \Phi_8^2\ \Phi_1^2$
584	100	120	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^2\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
585	100	27	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{27}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
586	100	36	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{36}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
587	100	84	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{84}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
588	100	96	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{96}\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
589	100	6	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_6^{16}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
590	100	54	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{54}^3\ \Phi_{27}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
591	101	160	$\frac{1}{20}$	$\frac{21}{80}$	$\frac{59}{160}$	$\frac{19}{40}$	$\Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_8\ \Phi_1$
592	101	192	$\frac{5}{96}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{91}{192}$	$\Phi_{192}\ \Phi_{64}\ \Phi_8\ \Phi_1$
593	101	140	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{39}{140}$	$\frac{31}{70}$	$\Phi_{140}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_4\ \Phi_1$
594	101	180	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{79}{180}$	$\Phi_{180}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
595	101	112	$\frac{11}{112}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
596	101	144	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{43}{144}$	$\frac{3}{8}$	$\Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
597	101	128	$\frac{5}{32}$	$\frac{27}{128}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{128}\ \Phi_{64}\ \Phi_8\ \Phi_1$
598	101	120	$\frac{19}{120}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
599	101	120	$\frac{19}{120}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
600	101	135	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{34}{135}$	$\frac{4}{15}$	$\Phi_{135}\ \Phi_{27}\ \Phi_{15}\ \Phi_3\ \Phi_1$
601	102	160	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{15}{32}$	$\Phi_{160}\ \Phi_{32}^2\ \Phi_5\ \Phi_1^2$
602	102	96	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{96}^3\ \Phi_{12}\ \Phi_6$
603	102	210	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{210}\ \Phi_{70}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
604	102	60	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{13}{30}$	$\Phi_{60}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
605	102	84	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_6^2$
606	102	168	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{168}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
607	102	120	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\frac{2}{5}$	$\Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
608	102	20	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
609	102	28	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\frac{11}{28}$	$\Phi_{28}^3\ \Phi_{14}^5\ \Phi_7^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
610	102	168	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
611	102	78	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\frac{9}{26}$	$\Phi_{78}^3\ \Phi_{39}\ \Phi_6^3$
612	102	24	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{24}^3\ \Phi_{12}^4\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
613	102	60	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
614	102	192	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{192}\ \Phi_{96}\ \Phi_{12}\ \Phi_6$
615	102	180	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{180}\ \Phi_{90}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}$
616	103	192	$\frac{7}{96}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{89}{192}$	$\Phi_{192}\ \Phi_{64}\ \Phi_{12}\ \Phi_4\ \Phi_1$
617	103	126	$\frac{2}{21}$	$\frac{23}{126}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{126}\ \Phi_{63}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_1$
618	103	120	$\frac{2}{15}$	$\frac{17}{120}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
619	103	144	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{41}{144}$	$\frac{31}{72}$	$\Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
620	103	180	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\frac{77}{180}$	$\Phi_{180}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
621	103	180	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{77}{180}$	$\Phi_{180}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
622	103	120	$\frac{17}{120}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
623	103	144	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{41}{144}$	$\frac{5}{12}$	$\Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
624	103	168	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\frac{65}{168}$	$\Phi_{168}\ \Phi_{56}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
625	103	135	$\frac{2}{15}$	$\frac{32}{135}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{135}\ \Phi_{27}\ \Phi_{15}\ \Phi_5\ \Phi_1$
626	104	75	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{75}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
627	104	103	$\frac{5}{103}$	$\frac{27}{103}$	$\frac{38}{103}$	$\frac{49}{103}$	$\Phi_{103}\ \Phi_1^2$
628	104	159	$\frac{3}{53}$	$\frac{14}{53}$	$\frac{1}{3}$	$\frac{25}{53}$	Φ_{159}
629	104	168	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{11}{24}$	$\Phi_{168}\ \Phi_{56}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
630	104	120	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{120}^2\ \Phi_{40}^2\ \Phi_{15}$
631	104	90	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{90}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
632	104	105	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{105}\ \Phi_{35}\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
633	104	126	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{3}{7}$	$\Phi_{126}\ \Phi_{63}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
634	104	112	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{112}\ \Phi_{56}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
635	104	42	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{42}^3\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^3\ \Phi_2^2$
636	104	15	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{15}^7\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
637	104	90	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{90}^2\ \Phi_{45}^2\ \Phi_{15}$
638	104	240	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{15}$
639	105	40	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{19}{40}$	$\Phi_{40}\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^2\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
640	105	132	$\frac{2}{33}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{132}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
641	105	84	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{13}{28}$	$\Phi_{42}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
642	105	252	$\frac{1}{14}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{252}\ \Phi_{36}\ \Phi_{28}\ \Phi_9\ \Phi_4\ \Phi_1$
643	105	13	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{6}{13}$	$\Phi_{13}^8\ \Phi_1^9$
644	105	48	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{48}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
645	105	64	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{29}{64}$	$\Phi_{64}^3\ \Phi_{16}\ \Phi_1$
646	105	64	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{64}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
647	105	128	$\frac{1}{8}$	$\frac{23}{128}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
648	105	48	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{13}{48}$	$\frac{7}{16}$	$\Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
649	105	84	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\frac{5}{12}$	$\Phi_{84}^2\ \Phi_{28}^2\ \Phi_{12}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
650	105	12	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{12}^7\ \Phi_6^{11}\ \Phi_4^6\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
651	105	40	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\frac{3}{8}$	$\Phi_{40}^4\ \Phi_{10}^2\ \Phi_8^5\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
652	105	8	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_8^{12}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
653	105	200	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{200}\ \Phi_{25}\ \Phi_8\ \Phi_1$
654	105	108	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{108}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
655	105	52	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{17}{52}$	$\frac{9}{26}$	$\Phi_{52}^3\ \Phi_{13}^2\ \Phi_4^3\ \Phi_1^3$
656	105	63	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{63}^2\ \Phi_9^3\ \Phi_7^2\ \Phi_1^3$
657	105	36	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{36}^5\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
658	105	48	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
659	106	102	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{102}^2\ \Phi_{34}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
660	106	84	$\frac{1}{21}$	$\frac{11}{42}$	$\frac{31}{84}$	$\frac{10}{21}$	$\Phi_{84}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
661	106	72	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{72}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
662	106	100	$\frac{3}{50}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{47}{100}$	$\Phi_{100}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
663	106	90	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{37}{90}$	$\frac{7}{15}$	$\Phi_{90}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
664	106	99	$\frac{7}{99}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{46}{99}$	$\Phi_{99}\ \Phi_{33}\ \Phi_{11}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
665	106	98	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{45}{98}$	$\Phi_{98}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
666	106	96	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{43}{96}$	$\Phi_{96}^2\ \Phi_{32}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
667	106	60	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
668	106	90	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\frac{37}{90}$	$\Phi_{90}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
669	106	60	$\frac{7}{60}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
670	106	75	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{22}{75}$	$\frac{2}{5}$	$\Phi_{75}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
671	106	84	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\frac{31}{84}$	$\Phi_{84}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
672	106	81	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\frac{28}{81}$	$\Phi_{81}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
673	106	72	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\frac{1}{3}$	$\Phi_{72}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
674	108	156	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{156}\ \Phi_{52}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
675	108	85	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{8}{17}$	$\Phi_{85}\ \Phi_{17}^2\ \Phi_5^2\ \Phi_1^4$
676	108	204	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{204}\ \Phi_{102}\ \Phi_{12}^2\ \Phi_6^2$
677	108	107	$\frac{7}{107}$	$\frac{19}{107}$	$\frac{44}{107}$	$\frac{50}{107}$	$\Phi_{107}\ \Phi_1^2$
678	108	150	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{23}{50}$	$\Phi_{150}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
679	108	148	$\frac{3}{37}$	$\frac{1}{4}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{148}\ \Phi_{74}$
680	108	107	$\frac{9}{107}$	$\frac{26}{107}$	$\frac{29}{107}$	$\frac{49}{107}$	$\Phi_{107}\ \Phi_1^2$
681	108	176	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{5}{11}$	$\Phi_{176}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_1^2$
682	108	33	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{33}^5\ \Phi_3^4$
683	108	44	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
684	108	107	$\frac{13}{107}$	$\frac{20}{107}$	$\frac{29}{107}$	$\frac{47}{107}$	$\Phi_{107}\ \Phi_1^2$
685	108	336	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{336}\ \Phi_{21}$
686	108	176	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{7}{16}$	$\Phi_{176}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_1^2$
687	108	80	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{80}^3\ \Phi_{20}\ \Phi_{10}$
688	108	148	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{1}{4}$	$\frac{16}{37}$	$\Phi_{148}\ \Phi_{74}$
689	108	30	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{30}^6\ \Phi_{15}^5\ \Phi_6^6\ \Phi_3^4$
690	108	85	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\frac{2}{5}$	$\Phi_{85}\ \Phi_{17}^2\ \Phi_5^2\ \Phi_1^4$
691	108	140	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{140}\ \Phi_{70}\ \Phi_{28}^2\ \Phi_{14}^2$
692	108	132	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\frac{17}{44}$	$\Phi_{132}^2\ \Phi_{33}\ \Phi_{12}^2$
693	108	130	$\frac{1}{10}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{130}\ \Phi_{65}\ \Phi_{26}$
694	108	107	$\frac{11}{107}$	$\frac{25}{107}$	$\frac{32}{107}$	$\frac{41}{107}$	$\Phi_{107}\ \Phi_1^2$
695	108	160	$\frac{5}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{160}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
696	108	133	$\frac{1}{7}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	Φ_{133}
697	108	70	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{70}^3\ \Phi_{35}\ \Phi_{10}^3$
698	108	107	$\frac{14}{107}$	$\frac{23}{107}$	$\frac{31}{107}$	$\frac{38}{107}$	$\Phi_{107}\ \Phi_1^2$
699	108	148	$\frac{4}{37}$	$\frac{1}{4}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{148}\ \Phi_{74}$
700	108	107	$\frac{8}{107}$	$\frac{33}{107}$	$\frac{35}{107}$	$\frac{37}{107}$	$\Phi_{107}\ \Phi_1^2$
701	108	165	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{1}{3}$	$\frac{19}{55}$	$\Phi_{165}\ \Phi_{33}\ \Phi_{15}$
702	108	39	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{39}^2\ \Phi_{13}^4\ \Phi_3^3\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
703	108	60	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{60}^2\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
704	108	204	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{204}\ \Phi_{102}\ \Phi_{12}^2\ \Phi_6^2$
705	108	165	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\frac{1}{3}$	$\Phi_{165}\ \Phi_{33}\ \Phi_{15}$
706	108	75	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\frac{1}{3}$	$\Phi_{75}^2\ \Phi_{15}^3\ \Phi_3^2$
707	108	84	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^2\ \Phi_{42}^2\ \Phi_{21}^3$
708	108	44	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
709	108	107	$\frac{20}{107}$	$\frac{26}{107}$	$\frac{27}{107}$	$\frac{29}{107}$	$\Phi_{107}\ \Phi_1^2$
710	108	148	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{1}{4}$	$\frac{10}{37}$	$\Phi_{148}\ \Phi_{74}$
711	108	20	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{20}^7\ \Phi_{10}^7\ \Phi_5^6$
712	109	208	$\frac{5}{104}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{99}{208}$	$\Phi_{208}\ \Phi_{16}\ \Phi_8\ \Phi_1$
713	109	192	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{83}{192}$	$\frac{11}{24}$	$\Phi_{192}\ \Phi_{64}\ \Phi_{24}\ \Phi_8\ \Phi_1$
714	109	144	$\frac{1}{12}$	$\frac{35}{144}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
715	109	192	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{83}{192}$	$\Phi_{192}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
716	109	128	$\frac{19}{128}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
717	109	168	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\frac{59}{168}$	$\Phi_{168}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
718	109	144	$\frac{3}{16}$	$\frac{35}{144}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
719	110	168	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{10}{21}$	$\Phi_{168}\ \Phi_{56}\ \Phi_{24}\ \Phi_{21}\ \Phi_8^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
720	110	312	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{49}{104}$	$\Phi_{312}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
721	110	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{9}{20}$	$\Phi_{180}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
722	110	60	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{60}^3\ \Phi_{20}^4\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
723	110	45	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{4}{9}$	$\Phi_{45}^2\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
724	110	294	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{43}{98}$	$\Phi_{294}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
725	110	192	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{192}\ \Phi_{96}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
726	110	96	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\frac{41}{96}$	$\Phi_{96}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
727	110	198	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{198}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
728	110	24	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{24}^7\ \Phi_{12}^2\ \Phi_8^8\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
729	110	176	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{176}\ \Phi_{44}\ \Phi_{22}$
730	110	56	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{56}^3\ \Phi_{14}^2\ \Phi_8^4\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
731	110	84	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\frac{29}{84}$	$\Phi_{84}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
732	110	72	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
733	110	42	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{42}^5\ \Phi_{21}^3\ \Phi_6^5\ \Phi_3^2$
734	110	30	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_6^6\ \Phi_5^2\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
735	111	176	$\frac{1}{22}$	$\frac{23}{88}$	$\frac{65}{176}$	$\frac{21}{44}$	$\Phi_{176}\ \Phi_{44}\ \Phi_{16}\ \Phi_4\ \Phi_1$
736	111	200	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{89}{200}$	$\frac{9}{20}$	$\Phi_{200}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
737	111	160	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{49}{160}$	$\frac{31}{80}$	$\Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
738	111	60	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\frac{23}{60}$	$\Phi_{60}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
739	111	55	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{18}{55}$	$\frac{19}{55}$	$\Phi_{55}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^3$
740	112	27	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{27}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
741	112	111	$\frac{5}{111}$	$\frac{29}{111}$	$\frac{41}{111}$	$\frac{53}{111}$	$\Phi_{111}\ \Phi_{37}\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
742	112	57	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{57}^3\ \Phi_3^2$
743	112	60	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{7}{15}$	$\Phi_{60}^3\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
744	112	45	$\frac{1}{15}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{45}^3\ \Phi_{15}\ \Phi_9^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
745	112	91	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{6}{13}$	$\Phi_{91}\ \Phi_{13}^2\ \Phi_7^2\ \Phi_1^4$
746	112	195	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{195}\ \Phi_{15}^2$
747	112	37	$\frac{3}{37}$	$\frac{5}{37}$	$\frac{16}{37}$	$\frac{17}{37}$	$\Phi_{37}^3\ \Phi_1^4$
748	112	145	$\frac{3}{29}$	$\frac{1}{5}$	$\frac{8}{29}$	$\frac{13}{29}$	Φ_{145}
749	112	111	$\frac{13}{111}$	$\frac{20}{111}$	$\frac{31}{111}$	$\frac{49}{111}$	$\Phi_{111}\ \Phi_{37}\ \Phi_3\ \Phi_1^2$
750	112	57	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{1}{3}$	$\frac{25}{57}$	$\Phi_{57}^2\ \Phi_{19}^2\ \Phi_3\ \Phi_1^2$
751	112	168	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
752	112	36	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{36}^6\ \Phi_{12}^4\ \Phi_9^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
753	112	60	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{60}^3\ \Phi_{20}^3\ \Phi_{12}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
754	112	136	$\frac{1}{8}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{136}\ \Phi_{68}\ \Phi_{34}$
755	112	90	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{90}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_6^2$
756	112	111	$\frac{11}{111}$	$\frac{25}{111}$	$\frac{34}{111}$	$\frac{43}{111}$	$\Phi_{111}\ \Phi_{37}\ \Phi_3\ \Phi_1^2$
757	112	57	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{1}{3}$	$\frac{22}{57}$	$\Phi_{57}^2\ \Phi_{19}^2\ \Phi_3\ \Phi_1^2$
758	112	15	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{15}^8\ \Phi_5^8\ \Phi_3^5\ \Phi_1^6$
759	112	81	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{81}^2\ \Phi_3\ \Phi_1^2$
760	112	9	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_9^{12}\ \Phi_3^{13}\ \Phi_1^{14}$
761	112	120	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
762	112	45	$\frac{2}{15}$	$\frac{2}{9}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{45}^2\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
763	112	57	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{1}{3}$	$\Phi_{57}^3\ \Phi_3^2$
764	112	45	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{45}^3\ \Phi_9^4\ \Phi_5^3\ \Phi_1^4$
765	113	192	$\frac{1}{16}$	$\frac{17}{96}$	$\frac{79}{192}$	$\frac{15}{32}$	$\Phi_{192}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
766	113	160	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{47}{160}$	$\frac{33}{80}$	$\Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
767	113	192	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\frac{79}{192}$	$\Phi_{192}\ \Phi_{64}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
768	113	144	$\frac{1}{8}$	$\frac{31}{144}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
769	113	168	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{55}{168}$	$\frac{29}{84}$	$\Phi_{168}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
770	114	180	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{17}{36}$	$\Phi_{180}\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
771	114	36	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{36}^2\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_9^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
772	114	52	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{52}^3\ \Phi_{26}\ \Phi_{13}^2\ \Phi_4^2\ \Phi_1^2$
773	114	224	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{224}\ \Phi_{28}\ \Phi_{14}$
774	114	105	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{105}\ \Phi_{35}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
775	114	135	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\frac{2}{5}$	$\Phi_{135}\ \Phi_{27}^2\ \Phi_5\ \Phi_1^2$
776	114	120	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\frac{2}{5}$	$\Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
777	114	168	$\frac{1}{7}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
778	114	210	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{210}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{14}$
779	114	84	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_6$
780	114	108	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{108}^2\ \Phi_{54}^2\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
781	114	180	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
782	114	24	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{24}^6\ \Phi_{12}^3\ \Phi_8^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
783	115	88	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{21}{44}$	$\Phi_{88}^2\ \Phi_{44}\ \Phi_8^3\ \Phi_4\ \Phi_1$
784	115	156	$\frac{2}{39}$	$\frac{41}{156}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{156}\ \Phi_{52}\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
785	115	216	$\frac{7}{108}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{101}{216}$	$\Phi_{216}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
786	115	216	$\frac{7}{108}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{101}{216}$	$\Phi_{216}\ \Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
787	115	42	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{42}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_7^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
788	115	96	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{96}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
789	115	120	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{120}^2\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
790	115	144	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{29}{144}$	$\frac{5}{12}$	$\Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
791	115	192	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\frac{77}{192}$	$\Phi_{192}\ \Phi_{64}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
792	115	144	$\frac{1}{6}$	$\frac{29}{144}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
793	115	126	$\frac{11}{126}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
794	115	264	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\frac{3}{8}$	$\Phi_{264}\ \Phi_{33}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
795	115	36	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{36}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
796	115	162	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{47}{162}$	$\frac{1}{3}$	$\Phi_{162}\ \Phi_{81}\ \Phi_9\ \Phi_1$
797	115	27	$\frac{4}{27}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{27}^4\ \Phi_9^5\ \Phi_3^4\ \Phi_1^5$
798	115	144	$\frac{7}{36}$	$\frac{29}{144}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
799	116	168	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{168}\ \Phi_{56}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
800	116	46	$\frac{1}{23}$	$\frac{6}{23}$	$\frac{17}{46}$	$\frac{11}{23}$	$\Phi_{46}^4\ \Phi_{23}\ \Phi_2^4\ \Phi_1^2$
801	116	55	$\frac{3}{55}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{26}{55}$	$\Phi_{55}^2\ \Phi_{11}^2\ \Phi_5^3\ \Phi_1^4$
802	116	270	$\frac{2}{27}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{270}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
803	116	40	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{40}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
804	116	105	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{47}{105}$	$\Phi_{105}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
805	116	50	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{50}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
806	116	180	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
807	116	240	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{240}\ \Phi_{80}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
808	116	45	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\frac{16}{45}$	$\Phi_{45}^2\ \Phi_{15}^4\ \Phi_9^2\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
809	116	42	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{42}^3\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
810	116	96	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{96}\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
811	116	105	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}\ \Phi_{35}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
812	116	180	$\frac{7}{36}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
813	117	224	$\frac{5}{112}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{107}{224}$	$\Phi_{224}\ \Phi_{32}\ \Phi_8\ \Phi_1$
814	117	160	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{43}{160}$	$\frac{37}{80}$	$\Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
815	117	48	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{11}{24}$	$\Phi_{48}^4\ \Phi_{24}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
816	117	24	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{24}^9\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
817	117	140	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{31}{70}$	$\Phi_{140}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
818	117	240	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{240}\ \Phi_{80}\ \Phi_{16}\ \Phi_{15}\ \Phi_5\ \Phi_1$
819	117	144	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{7}{16}$	$\Phi_{144}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
820	117	16	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{16}^6\ \Phi_8^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
821	117	200	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\frac{83}{200}$	$\Phi_{200}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
822	117	64	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\frac{25}{64}$	$\Phi_{64}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
823	117	128	$\frac{11}{128}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_1$
824	117	56	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{17}{56}$	$\frac{3}{8}$	$\Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
825	117	20	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{20}^5\ \Phi_{10}^7\ \Phi_5^7\ \Phi_4^4\ \Phi_2^6\ \Phi_1^7$
826	117	60	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
827	117	36	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{36}^4\ \Phi_{18}^5\ \Phi_9^5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
828	117	16	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{16}^9\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
829	118	114	$\frac{2}{57}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{114}^2\ \Phi_{38}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
830	118	240	$\frac{1}{20}$	$\frac{21}{80}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{240}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
831	118	336	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{53}{112}$	$\Phi_{336}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
832	118	330	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{51}{110}$	$\Phi_{330}\ \Phi_{66}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
833	118	104	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{45}{104}$	$\frac{6}{13}$	$\Phi_{104}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
834	118	78	$\frac{1}{13}$	$\frac{19}{78}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{78}^2\ \Phi_{39}^2\ \Phi_{13}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
835	118	72	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{72}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
836	118	108	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{49}{108}$	$\Phi_{108}^2\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
837	118	108	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{49}{108}$	$\Phi_{108}^2\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
838	118	72	$\frac{1}{9}$	$\frac{13}{72}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
839	118	81	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{22}{81}$	$\frac{4}{9}$	$\Phi_{81}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
840	118	105	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{46}{105}$	$\Phi_{105}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
841	118	300	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\frac{41}{100}$	$\Phi_{300}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
842	118	96	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\frac{37}{96}$	$\Phi_{96}^2\ \Phi_{32}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
843	118	192	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
844	118	90	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\frac{31}{90}$	$\Phi_{90}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
845	118	84	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\frac{1}{3}$	$\Phi_{84}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
846	118	72	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
847	119	96	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{15}{32}$	$\Phi_{96}^2\ \Phi_{32}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
848	119	288	$\frac{1}{16}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{288}\ \Phi_{32}\ \Phi_9\ \Phi_1$
849	119	120	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
850	119	24	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{24}^5\ \Phi_{12}^6\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
851	119	60	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
852	119	72	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
853	119	180	$\frac{3}{20}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{20}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
854	120	87	$\frac{1}{29}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{87}\ \Phi_{29}^2\ \Phi_3^2\ \Phi_1^4$
855	120	119	$\frac{5}{119}$	$\frac{31}{119}$	$\frac{44}{119}$	$\frac{57}{119}$	$\Phi_{119}\ \Phi_{17}\ \Phi_7\ \Phi_1^2$
856	120	184	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{11}{23}$	$\Phi_{184}\ \Phi_{23}\ \Phi_8^2\ \Phi_1^2$
857	120	183	$\frac{3}{61}$	$\frac{16}{61}$	$\frac{1}{3}$	$\frac{29}{61}$	Φ_{183}
858	120	95	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{9}{19}$	$\Phi_{95}\ \Phi_{19}^2\ \Phi_5^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
859	120	228	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{228}\ \Phi_{114}\ \Phi_{12}^2\ \Phi_6^2$
860	120	17	$\frac{1}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\frac{8}{17}$	$\Phi_{17}^7\ \Phi_1^8$
861	120	28	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{13}{28}$	$\Phi_{28}^8\ \Phi_7\ \Phi_4^8\ \Phi_1^2$
862	120	420	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{420}\ \Phi_{60}\ \Phi_{15}$
863	120	164	$\frac{3}{41}$	$\frac{1}{4}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{164}\ \Phi_{82}$
864	120	119	$\frac{9}{119}$	$\frac{29}{119}$	$\frac{32}{119}$	$\frac{55}{119}$	$\Phi_{119}\ \Phi_{17}\ \Phi_7\ \Phi_1^2$
865	120	183	$\frac{5}{61}$	$\frac{11}{61}$	$\frac{1}{3}$	$\frac{28}{61}$	Φ_{183}
866	120	99	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{5}{11}$	$\Phi_{99}\ \Phi_{33}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
867	120	66	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{66}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
868	120	119	$\frac{11}{119}$	$\frac{13}{119}$	$\frac{53}{119}$	$\frac{54}{119}$	$\Phi_{119}\ \Phi_{17}\ \Phi_7\ \Phi_1^2$
869	120	63	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{63}^2\ \Phi_{21}^3\ \Phi_7^2$
870	120	99	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{4}{9}$	$\Phi_{99}\ \Phi_{33}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
871	120	180	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
872	120	150	$\frac{3}{25}$	$\frac{1}{6}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
873	120	7	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_7^{17}\ \Phi_1^{18}$
874	120	84	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{84}^2\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}^4\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
875	120	183	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{1}{3}$	$\frac{26}{61}$	Φ_{183}
876	120	119	$\frac{19}{119}$	$\frac{23}{119}$	$\frac{24}{119}$	$\frac{50}{119}$	$\Phi_{119}\ \Phi_{17}\ \Phi_7\ \Phi_1^2$
877	120	155	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{1}{5}$	$\frac{13}{31}$	Φ_{155}
878	120	164	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{1}{4}$	$\frac{17}{41}$	$\Phi_{164}\ \Phi_{82}$
879	120	17	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{17}^7\ \Phi_1^8$
880	120	183	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{1}{3}$	$\frac{25}{61}$	Φ_{183}
881	120	165	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{165}\ \Phi_{33}^2$
882	120	95	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\frac{2}{5}$	$\Phi_{95}\ \Phi_{19}^2\ \Phi_5^2\ \Phi_1^4$
883	120	30	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{30}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
884	120	119	$\frac{19}{119}$	$\frac{24}{119}$	$\frac{25}{119}$	$\frac{47}{119}$	$\Phi_{119}\ \Phi_{17}\ \Phi_7\ \Phi_1^2$
885	120	164	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{1}{4}$	$\frac{16}{41}$	$\Phi_{164}\ \Phi_{82}$
886	120	143	$\frac{1}{11}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{143}
887	120	312	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{312}\ \Phi_{39}$
888	120	184	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{7}{23}$	$\frac{3}{8}$	$\Phi_{184}\ \Phi_{23}\ \Phi_8^2\ \Phi_1^2$
889	120	72	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^3\ \Phi_{36}\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
890	120	184	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{184}\ \Phi_{23}\ \Phi_8^2\ \Phi_1^2$
891	120	280	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}\ \Phi_{35}$
892	120	119	$\frac{15}{119}$	$\frac{26}{119}$	$\frac{31}{119}$	$\frac{44}{119}$	$\Phi_{119}\ \Phi_{17}\ \Phi_7\ \Phi_1^2$
893	120	119	$\frac{19}{119}$	$\frac{20}{119}$	$\frac{33}{119}$	$\frac{43}{119}$	$\Phi_{119}\ \Phi_{17}\ \Phi_7\ \Phi_1^2$
894	120	150	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
895	120	155	$\frac{4}{31}$	$\frac{1}{5}$	$\frac{9}{31}$	$\frac{11}{31}$	Φ_{155}
896	120	119	$\frac{8}{119}$	$\frac{37}{119}$	$\frac{39}{119}$	$\frac{41}{119}$	$\Phi_{119}\ \Phi_{17}\ \Phi_7\ \Phi_1^2$
897	120	183	$\frac{4}{61}$	$\frac{19}{61}$	$\frac{1}{3}$	$\frac{21}{61}$	Φ_{183}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
898	120	48	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
899	120	87	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{87}\ \Phi_{29}^2\ \Phi_3^2\ \Phi_1^4$
900	120	132	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{132}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{22}^2$
901	120	87	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{87}\ \Phi_{29}^2\ \Phi_3^2\ \Phi_1^4$
902	120	42	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{42}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^2$
903	120	105	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{105}^2\ \Phi_{15}^3$
904	120	183	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	$\frac{1}{3}$	Φ_{183}
905	120	66	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{66}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
906	120	183	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\frac{1}{3}$	Φ_{183}
907	120	189	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{189}\ \Phi_{21}$
908	120	228	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}\ \Phi_{114}\ \Phi_{12}^2\ \Phi_6^2$
909	120	60	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^3\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
910	121	192	$\frac{1}{24}$	$\frac{25}{96}$	$\frac{71}{192}$	$\frac{23}{48}$	$\Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
911	121	224	$\frac{9}{112}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{103}{224}$	$\Phi_{224}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
912	121	20	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{9}{20}$	$\Phi_{20}^2\ \Phi_{10}^{10}\ \Phi_5^{10}\ \Phi_4^2\ \Phi_2^{10}\ \Phi_1^{11}$
913	121	60	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{9}{20}$	$\Phi_{60}^5\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^5\ \Phi_4\ \Phi_3\ \Phi_1$
914	121	168	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{47}{168}$	$\frac{37}{84}$	$\Phi_{168}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
915	121	216	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{95}{216}$	$\Phi_{216}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
916	121	150	$\frac{4}{25}$	$\frac{29}{150}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{150}\ \Phi_{75}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_6\ \Phi_3\ \Phi_1$
917	121	200	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\frac{79}{200}$	$\Phi_{200}\ \Phi_{40}\ \Phi_{25}\ \Phi_8\ \Phi_1$
918	121	36	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{36}^3\ \Phi_{18}^2\ \Phi_{12}^5\ \Phi_9^3\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
919	121	48	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{48}^4\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
920	121	192	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\frac{71}{192}$	$\Phi_{192}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
921	121	144	$\frac{23}{144}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
922	121	180	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{59}{180}$	$\frac{31}{90}$	$\Phi_{180}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
923	121	162	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{41}{162}$	$\frac{5}{18}$	$\Phi_{162}\ \Phi_{81}\ \Phi_{18}\ \Phi_9\ \Phi_1$
924	121	15	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{4}{15}$	$\Phi_{15}^7\ \Phi_5^{10}\ \Phi_3^7\ \Phi_1^{11}$
925	122	110	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{49}{110}$	$\frac{5}{11}$	$\Phi_{110}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_2^2\ \Phi_1^2$
926	122	88	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{27}{88}$	$\frac{17}{44}$	$\Phi_{88}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
927	122	99	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\frac{38}{99}$	$\Phi_{99}\ \Phi_{33}^2\ \Phi_{11}\ \Phi_9\ \Phi_3^2\ \Phi_1^2$
928	123	156	$\frac{2}{39}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{156}\ \Phi_{52}\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
929	123	56	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{56}^3\ \Phi_{28}^2\ \Phi_{14}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
930	123	72	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{31}{72}$	$\Phi_{72}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
931	123	48	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
932	123	140	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\frac{29}{70}$	$\Phi_{140}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
933	123	45	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{45}^3\ \Phi_{15}^2\ \Phi_9^3\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
934	123	108	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{108}^2\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
935	124	60	$\frac{1}{30}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{60}^4\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
936	124	42	$\frac{1}{21}$	$\frac{11}{42}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{42}^4\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
937	124	117	$\frac{7}{117}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{55}{117}$	$\Phi_{117}\ \Phi_{39}\ \Phi_{13}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
938	124	41	$\frac{3}{41}$	$\frac{10}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{41}^3\ \Phi_1^4$
939	124	168	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{25}{56}$	$\Phi_{168}^2\ \Phi_{24}^2\ \Phi_{21}$
940	124	280	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{280}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
941	124	36	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{36}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
942	124	105	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{105}^2\ \Phi_{21}\ \Phi_{15}^2$
943	124	54	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\frac{23}{54}$	$\Phi_{54}^4\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
944	124	105	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{1}{3}$	$\frac{43}{105}$	$\Phi_{105}\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
945	124	240	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{240}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
946	124	33	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{33}^4\ \Phi_{11}^4\ \Phi_3\ \Phi_1^2$
947	124	45	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{45}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
948	124	120	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
949	124	105	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
950	124	75	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{75}^2\ \Phi_{25}^2\ \Phi_3\ \Phi_1^2$
951	124	36	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{36}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
952	124	81	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{81}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
953	124	42	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\frac{1}{3}$	$\Phi_{42}^2\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
954	125	48	$\frac{1}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{23}{48}$	$\Phi_{48}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
955	125	224	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{99}{224}$	$\Phi_{224}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
956	125	216	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{216}\ \Phi_{72}\ \Phi_{27}\ \Phi_9\ \Phi_8\ \Phi_1$
957	125	72	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\frac{3}{8}$	$\Phi_{72}^4\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
958	125	56	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{56}^4\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
959	125	32	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{32}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
960	125	144	$\frac{19}{144}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
961	125	24	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{24}^8\ \Phi_8^9\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
962	125	192	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\frac{67}{192}$	$\Phi_{192}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
963	126	100	$\frac{1}{25}$	$\frac{13}{50}$	$\frac{37}{100}$	$\frac{12}{25}$	$\Phi_{100}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
964	126	40	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{19}{40}$	$\Phi_{40}^6\ \Phi_8^6\ \Phi_5\ \Phi_1^2$
965	126	120	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{120}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
966	126	204	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{8}{17}$	$\Phi_{204}\ \Phi_{68}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
967	126	153	$\frac{1}{17}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{153}\ \Phi_{17}\ \Phi_9^2\ \Phi_1^2$
968	126	208	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{6}{13}$	$\Phi_{208}\ \Phi_{16}^2\ \Phi_{13}\ \Phi_1^2$
969	126	52	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{52}^2\ \Phi_{26}^2\ \Phi_{13}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
970	126	125	$\frac{13}{125}$	$\frac{23}{125}$	$\frac{34}{125}$	$\frac{56}{125}$	$\Phi_{125}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
971	126	172	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{1}{4}$	$\frac{19}{43}$	$\Phi_{172}\ \Phi_{86}$
972	126	48	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{48}^7\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
973	126	60	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{60}^4\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
974	126	204	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{17}$	$\frac{5}{12}$	$\Phi_{204}\ \Phi_{68}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
975	126	84	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{84}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
976	126	10	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{10}^{12}\ \Phi_{5}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
977	126	40	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{40}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{6}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
978	126	80	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{17}{80}$	$\frac{2}{5}$	$\Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
979	126	25	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{25}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
980	126	125	$\frac{11}{125}$	$\frac{29}{125}$	$\frac{38}{125}$	$\frac{48}{125}$	$\Phi_{125}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
981	126	152	$\frac{1}{8}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{152}\ \Phi_{76}\ \Phi_{38}$
982	126	125	$\frac{14}{125}$	$\frac{27}{125}$	$\frac{37}{125}$	$\frac{44}{125}$	$\Phi_{125}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
983	126	172	$\frac{4}{43}$	$\frac{1}{4}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{172}\ \Phi_{86}$
984	126	96	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\frac{11}{32}$	$\Phi_{96}^{3}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
985	126	90	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{30}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{6}$
986	126	60	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{60}^{4}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{5}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
987	126	192	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{19}{64}$	$\frac{1}{3}$	$\Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
988	126	153	$\frac{2}{17}$	$\frac{2}{9}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{153}\ \Phi_{17}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
989	126	24	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{24}^{9}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
990	126	252	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}\ \Phi_{126}\ \Phi_{28}\ \Phi_{14}$
991	126	240	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
992	126	300	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}\ \Phi_{150}\ \Phi_{12}\ \Phi_{6}$
993	127	216	$\frac{1}{18}$	$\frac{19}{108}$	$\frac{89}{216}$	$\frac{17}{36}$	$\Phi_{216}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
994	127	240	$\frac{7}{120}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{113}{240}$	$\Phi_{240}\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
995	127	224	$\frac{1}{14}$	$\frac{15}{112}$	$\frac{97}{224}$	$\frac{13}{28}$	$\Phi_{224}\ \Phi_{32}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
996	127	168	$\frac{1}{14}$	$\frac{41}{168}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
997	127	180	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{53}{180}$	$\frac{5}{12}$	$\Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
998	127	144	$\frac{17}{144}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
999	127	216	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{8}{27}$	$\frac{89}{216}$	$\Phi_{216}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
1000	127	180	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{53}{180}$	$\frac{37}{90}$	$\Phi_{180}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
1001	127	162	$\frac{1}{9}$	$\frac{35}{162}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_{1}$
1002	128	93	$\frac{1}{31}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{93}\ \Phi_{31}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
1003	128	127	$\frac{5}{127}$	$\frac{33}{127}$	$\frac{47}{127}$	$\frac{61}{127}$	$\Phi_{127}\ \Phi_{1}^{2}$
1004	128	195	$\frac{3}{65}$	$\frac{17}{65}$	$\frac{1}{3}$	$\frac{31}{65}$	$\Phi_{195}\ \Phi_{39}\ \Phi_{15}$
1005	128	105	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{7}{15}$	$\Phi_{105}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
1006	128	15	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{15}^{9}\ \Phi_{5}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
1007	128	127	$\frac{9}{127}$	$\frac{17}{127}$	$\frac{55}{127}$	$\frac{59}{127}$	$\Phi_{127}\ \Phi_{1}^{2}$
1008	128	39	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{39}^{3}\ \Phi_{13}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
1009	128	55	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{55}^{3}\ \Phi_{5}^{2}$
1010	128	127	$\frac{13}{127}$	$\frac{23}{127}$	$\frac{35}{127}$	$\frac{57}{127}$	$\Phi_{127}\ \Phi_{1}^{2}$
1011	128	195	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{1}{3}$	$\frac{29}{65}$	$\Phi_{195}\ \Phi_{39}\ \Phi_{15}$
1012	128	63	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{63}^{2}\ \Phi_{21}\ \Phi_{9}^{4}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
1013	128	35	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{35}^{3}\ \Phi_{7}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
1014	128	153	$\frac{1}{9}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{153}\ \Phi_{51}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
1015	128	127	$\frac{19}{127}$	$\frac{25}{127}$	$\frac{27}{127}$	$\frac{51}{127}$	$\Phi_{127}\ \Phi_1^2$
1016	128	105	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{105}^2\ \Phi_{21}^2\ \Phi_{15}$
1017	128	165	$\frac{5}{33}$	$\frac{1}{5}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{165}\ \Phi_{55}\ \Phi_{15}$
1018	128	127	$\frac{11}{127}$	$\frac{29}{127}$	$\frac{39}{127}$	$\frac{49}{127}$	$\Phi_{127}\ \Phi_1^2$
1019	128	39	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\frac{5}{13}$	$\Phi_{39}^5\ \Phi_3^4$
1020	128	51	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{51}^3\ \Phi_{17}^2$
1021	128	93	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{93}\ \Phi_{31}^2\ \Phi_3^2\ \Phi_1^4$
1022	128	45	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{45}^4\ \Phi_{15}^3\ \Phi_5^2$
1023	128	45	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{45}^4\ \Phi_{15}\ \Phi_9^4$
1024	128	75	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{75}^2\ \Phi_{25}^2\ \Phi_{15}$
1025	128	15	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{15}^{13}\ \Phi_3^{12}$
1026	129	176	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{47}{176}$	$\frac{41}{88}$	$\Phi_{176}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
1027	129	80	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{80}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
1028	129	48	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
1029	129	132	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{132}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_3\ \Phi_1$
1030	129	64	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{21}{64}$	$\frac{11}{32}$	$\Phi_{64}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
1031	129	60	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{60}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
1032	130	126	$\frac{2}{63}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{126}^2\ \Phi_{42}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1033	130	200	$\frac{1}{25}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{12}{25}$	$\Phi_{200}\ \Phi_{40}\ \Phi_{25}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
1034	130	264	$\frac{1}{22}$	$\frac{23}{88}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{264}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_6$
1035	130	72	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{11}{24}$	$\Phi_{72}^3\ \Phi_{24}^4\ \Phi_9\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
1036	130	24	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{24}^{10}\ \Phi_8^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1037	130	45	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{45}^3\ \Phi_{15}^4\ \Phi_9\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
1038	130	18	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{18}^7\ \Phi_9^8\ \Phi_6^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
1039	130	144	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
1040	130	72	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1041	130	66	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\frac{9}{22}$	$\Phi_{66}^5\ \Phi_{33}\ \Phi_6^5$
1042	130	168	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{168}^2\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_6$
1043	130	120	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^2\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
1044	130	99	$\frac{2}{33}$	$\frac{31}{99}$	$\frac{1}{3}$	$\frac{34}{99}$	$\Phi_{99}\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
1045	130	84	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1046	130	72	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1047	130	30	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{30}^6\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1048	130	18	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{18}^{10}\ \Phi_9^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1049	130	48	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^4\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1050	131	208	$\frac{1}{26}$	$\frac{27}{104}$	$\frac{77}{208}$	$\frac{25}{52}$	$\Phi_{208}\ \Phi_{52}\ \Phi_{16}\ \Phi_4\ \Phi_1$
1051	131	180	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{49}{180}$	$\frac{41}{90}$	$\Phi_{180}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
1052	131	240	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{109}{240}$	$\Phi_{240}\ \Phi_{80}\ \Phi_{48}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
1053	131	240	$\frac{11}{120}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{109}{240}$	$\Phi_{240}\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}\ \Phi_{15}\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
1054	131	160	$\frac{1}{10}$	$\frac{29}{160}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{160}\ \Phi_{80}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
1055	131	180	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{49}{180}$	$\frac{9}{20}$	$\Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
1056	131	150	$\frac{19}{150}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
1057	131	180	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{49}{180}$	$\Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
1058	132	192	$\frac{1}{32}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{192}\ \Phi_{64}^2\ \Phi_3\ \Phi_1^2$
1059	132	105	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{10}{21}$	$\Phi_{105}\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
1060	132	84	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
1061	132	131	$\frac{7}{131}$	$\frac{23}{131}$	$\frac{54}{131}$	$\frac{62}{131}$	$\Phi_{131}\ \Phi_1^2$
1062	132	60	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
1063	132	131	$\frac{9}{131}$	$\frac{32}{131}$	$\frac{35}{131}$	$\frac{61}{131}$	$\Phi_{131}\ \Phi_1^2$
1064	132	201	$\frac{5}{67}$	$\frac{12}{67}$	$\frac{1}{3}$	$\frac{31}{67}$	Φ_{201}
1065	132	220	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{5}{11}$	$\Phi_{220}\ \Phi_{44}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
1066	132	165	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{5}{11}$	$\Phi_{165}\ \Phi_{33}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
1067	132	420	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{420}\ \Phi_{84}\ \Phi_{21}$
1068	132	220	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{9}{20}$	$\Phi_{220}\ \Phi_{44}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
1069	132	20	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{20}^5\ \Phi_{10}^9\ \Phi_5^8\ \Phi_4^4\ \Phi_2^8\ \Phi_1^8$
1070	132	108	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
1071	132	60	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
1072	132	100	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{100}^2\ \Phi_{50}^2\ \Phi_{20}\ \Phi_{10}$
1073	132	70	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\frac{2}{5}$	$\Phi_{70}^2\ \Phi_{35}\ \Phi_{14}^4\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_2^4\ \Phi_1^4$
1074	132	234	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{234}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
1075	132	36	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{7}{18}$	$\Phi_{36}^5\ \Phi_{18}\ \Phi_{12}^5\ \Phi_9^4\ \Phi_6\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
1076	132	156	$\frac{1}{12}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
1077	132	208	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{208}\ \Phi_{52}\ \Phi_{26}$
1078	132	131	$\frac{8}{131}$	$\frac{41}{131}$	$\frac{43}{131}$	$\frac{45}{131}$	$\Phi_{131}\ \Phi_1^2$
1079	132	201	$\frac{4}{67}$	$\frac{21}{67}$	$\frac{1}{3}$	$\frac{23}{67}$	Φ_{201}
1080	132	48	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^4\ \Phi_{12}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
1081	132	12	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{12}^{11}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
1082	132	120	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
1083	132	252	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{252}\ \Phi_{126}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
1084	132	105	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{105}\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_7^2$
1085	132	84	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^3\ \Phi_{42}\ \Phi_{21}^2\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
1086	132	165	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{3}{11}$	$\Phi_{165}\ \Phi_{33}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
1087	132	60	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{60}^4\ \Phi_{30}^4\ \Phi_{20}\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^4$
1088	133	256	$\frac{5}{128}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{123}{256}$	$\Phi_{256}\ \Phi_8\ \Phi_1$
1089	133	180	$\frac{2}{45}$	$\frac{47}{180}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{180}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
1090	133	36	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{17}{36}$	$\Phi_{36}\ \Phi_{18}^6\ \Phi_{12}^2\ \Phi_9^6\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
1091	133	36	$\frac{1}{18}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{36}^7\ \Phi_{12}^7\ \Phi_9\ \Phi_4^7\ \Phi_1$
1092	133	162	$\frac{2}{27}$	$\frac{29}{162}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
1093	133	240	$\frac{1}{12}$	$\frac{13}{120}$	$\frac{107}{240}$	$\frac{11}{24}$	$\Phi_{240}\ \Phi_{80}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
1094	133	240	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{107}{240}$	$\Phi_{240}\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}\ \Phi_{15}\ \Phi_5\ \Phi_1$
1095	133	150	$\frac{17}{150}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_1$
1096	133	84	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{84}^3\ \Phi_{28}^3\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
1097	133	108	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\frac{5}{12}$	$\Phi_{108}^3\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
1098	133	24	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{5}{12}$	$\Phi_{24}^7\ \Phi_{12}^2\ \Phi_8^7\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
1099	133	32	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{32}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
1100	133	144	$\frac{11}{144}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
1101	133	192	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{59}{192}$	$\frac{37}{96}$	$\Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
1102	133	216	$\frac{2}{27}$	$\frac{25}{108}$	$\frac{1}{3}$	$\frac{83}{216}$	$\Phi_{216}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
1103	133	216	$\frac{1}{12}$	$\frac{25}{108}$	$\frac{11}{36}$	$\frac{83}{216}$	$\Phi_{216}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
1104	133	144	$\frac{11}{144}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
1105	133	192	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{59}{192}$	$\frac{3}{8}$	$\Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
1106	133	24	$\frac{1}{8}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{24}^7\ \Phi_{12}^7\ \Phi_8^3\ \Phi_6^7\ \Phi_4^2\ \Phi_3^7\ \Phi_2^2\ \Phi_1^3$
1107	133	160	$\frac{5}{32}$	$\frac{27}{160}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
1108	133	120	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{120}\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
1109	133	63	$\frac{2}{21}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{63}^3\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$
1110	133	27	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{27}^7\ \Phi_9\ \Phi_1$
1111	133	180	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{47}{180}$	$\frac{1}{3}$	$\Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
1112	133	72	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{72}^3\ \Phi_{36}^3\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
1113	134	384	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{61}{128}$	$\Phi_{384}\ \Phi_{12}\ \Phi_6$
1114	134	114	$\frac{1}{19}$	$\frac{10}{57}$	$\frac{47}{114}$	$\frac{9}{19}$	$\Phi_{114}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
1115	134	126	$\frac{4}{63}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{59}{126}$	$\Phi_{126}^2\ \Phi_{42}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
1116	134	84	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{17}{84}$	$\frac{3}{7}$	$\Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
1117	134	112	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\frac{45}{112}$	$\Phi_{112}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
1118	134	84	$\frac{1}{7}$	$\frac{17}{84}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{84}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
1119	134	72	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1120	134	105	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\frac{38}{105}$	$\Phi_{105}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
1121	134	102	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1}{3}$	$\frac{35}{102}$	$\Phi_{102}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_6^2\ \Phi_2^2$
1122	134	96	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\frac{1}{3}$	$\Phi_{96}\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1123	134	240	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
1124	135	104	$\frac{1}{26}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{25}{52}$	$\Phi_{104}^2\ \Phi_{52}\ \Phi_8^3\ \Phi_4\ \Phi_1$
1125	135	112	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{13}{28}$	$\Phi_{112}^2\ \Phi_{28}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
1126	135	28	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{28}^5\ \Phi_{14}^4\ \Phi_7^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
1127	135	112	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{7}{16}$	$\Phi_{112}^2\ \Phi_{16}^3\ \Phi_7^2\ \Phi_1^3$
1128	135	48	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{48}^6\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
1129	135	104	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\frac{3}{8}$	$\Phi_{104}^2\ \Phi_{13}^2\ \Phi_8^3\ \Phi_1^3$
1130	135	40	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{40}^6\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
1131	135	96	$\frac{5}{32}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
1132	135	42	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{42}^4\ \Phi_{21}^4\ \Phi_{14}\ \Phi_7^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
1133	135	67	$\frac{4}{67}$	$\frac{21}{67}$	$\frac{22}{67}$	$\frac{23}{67}$	$\Phi_{67}^2\ \Phi_1^3$
1134	135	28	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{28}^4\ \Phi_{14}^4\ \Phi_7^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
1135	135	67	$\frac{10}{67}$	$\frac{16}{67}$	$\frac{17}{67}$	$\frac{19}{67}$	$\Phi_{67}^2\ \Phi_1^3$
1136	135	92	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{1}{4}$	$\frac{13}{46}$	$\Phi_{92}^2\ \Phi_{46}\ \Phi_{23}\ \Phi_4\ \Phi_1$
1137	135	12	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{12}^{14}\ \Phi_6^{13}\ \Phi_4^7\ \Phi_3^{13}\ \Phi_2^6\ \Phi_1^7$
1138	136	33	$\frac{1}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{33}^4\ \Phi_{11}^4\ \Phi_3^5\ \Phi_1^6$
1139	136	27	$\frac{1}{27}$	$\frac{7}{27}$	$\frac{10}{27}$	$\frac{13}{27}$	$\Phi_{27}^5\ \Phi_9^5\ \Phi_3^5\ \Phi_1^6$
1140	136	69	$\frac{1}{23}$	$\frac{6}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{69}^3\ \Phi_3^2$
1141	136	65	$\frac{3}{65}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{31}{65}$	$\Phi_{65}^2\ \Phi_{13}^2\ \Phi_5^3\ \Phi_1^4$
1142	136	224	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{15}{32}$	$\Phi_{224}\ \Phi_{32}^2\ \Phi_7\ \Phi_1^2$
1143	136	480	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{480}\ \Phi_{15}$
1144	136	30	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{30}$	$\frac{7}{15}$	$\Phi_{30}^8\ \Phi_{15}\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
1145	136	45	$\frac{1}{15}$	$\frac{11}{45}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{45}^4\ \Phi_{15}\ \Phi_9^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
1146	136	63	$\frac{5}{63}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{29}{63}$	$\Phi_{63}^2\ \Phi_{21}^2\ \Phi_9^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^4$
1147	136	90	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{90}^3\ \Phi_{30}^2\ \Phi_{18}^3\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1148	136	30	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{30}^8\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
1149	136	168	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\frac{3}{7}$	$\Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
1150	136	140	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
1151	136	105	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{105}^2\ \Phi_{35}\ \Phi_{15}^2$
1152	136	72	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{72}^3\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1153	136	20	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{20}^8\ \Phi_{10}^8\ \Phi_5^3\ \Phi_4^8\ \Phi_2^8\ \Phi_1^4$
1154	136	140	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{140}^2\ \Phi_{35}\ \Phi_{20}^2$
1155	136	27	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{10}{27}$	$\Phi_{27}^4\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
1156	136	105	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\frac{37}{105}$	$\Phi_{105}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
1157	136	18	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{18}^8\ \Phi_9^8\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
1158	136	99	$\frac{2}{33}$	$\frac{31}{99}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{99}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
1159	136	66	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{66}^2\ \Phi_{33}\ \Phi_{22}^4\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
1160	136	120	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{120}\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
1161	136	60	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^3\ \Phi_{30}^3\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4$
1162	136	45	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{45}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_1^4$
1163	137	256	$\frac{9}{128}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{119}{256}$	$\Phi_{256}\ \Phi_{16}\ \Phi_1$
1164	137	168	$\frac{3}{28}$	$\frac{31}{168}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
1165	137	192	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{55}{192}$	$\frac{7}{16}$	$\Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
1166	137	160	$\frac{1}{8}$	$\frac{23}{160}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
1167	137	240	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{7}{24}$	$\frac{103}{240}$	$\Phi_{240}\ \Phi_{80}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
1168	137	240	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{103}{240}$	$\Phi_{240}\ \Phi_{80}\ \Phi_{48}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
1169	137	192	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{55}{192}$	$\frac{41}{96}$	$\Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
1170	137	160	$\frac{23}{160}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{160}\ \Phi_{80}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
1171	137	224	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\frac{87}{224}$	$\Phi_{224}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
1172	137	204	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{67}{204}$	$\frac{35}{102}$	$\Phi_{204}\ \Phi_{68}\ \Phi_{51}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
1173	137	180	$\frac{3}{20}$	$\frac{43}{180}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
1174	138	220	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{21}{44}$	$\Phi_{220}\ \Phi_{44}^2\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
1175	138	132	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{132}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
1176	138	390	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{61}{130}$	$\Phi_{390}\ \Phi_{78}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
1177	138	84	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{84}^2\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
1178	138	42	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{42}^6\ \Phi_{21}\ \Phi_{14}^6\ \Phi_6^6\ \Phi_2^6$
1179	138	240	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
1180	138	224	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{224}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
1181	138	120	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{3}$	$\frac{17}{40}$	$\Phi_{120}^3\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{15}\ \Phi_6$
1182	138	280	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{280}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
1183	138	165	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\frac{2}{5}$	$\Phi_{165}\ \Phi_{33}^2\ \Phi_{15}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
1184	138	336	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{3}$	$\frac{43}{112}$	$\Phi_{336}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
1185	138	252	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{252}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
1186	138	132	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{132}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
1187	138	30	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_6^4\ \Phi_5^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
1188	138	84	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{84}^3\ \Phi_{42}^3\ \Phi_{21}\ \Phi_{12}^3\ \Phi_6^3$
1189	139	264	$\frac{7}{132}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{125}{264}$	$\Phi_{264}\ \Phi_{88}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
1190	139	252	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{113}{252}$	$\Phi_{252}\ \Phi_{84}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
1191	139	192	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{53}{192}$	$\frac{43}{96}$	$\Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
1192	139	240	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{101}{240}$	$\Phi_{240}\ \Phi_{80}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
1193	139	216	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\frac{77}{216}$	$\Phi_{216}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
1194	140	204	$\frac{1}{34}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{204}\ \Phi_{68}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
1195	140	216	$\frac{1}{27}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{13}{27}$	$\Phi_{216}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
1196	140	228	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{9}{19}$	$\Phi_{228}\ \Phi_{76}\ \Phi_{19}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
1197	140	171	$\frac{1}{19}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{171}\ \Phi_{19}\ \Phi_9^2\ \Phi_1^2$
1198	140	330	$\frac{2}{33}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{330}\ \Phi_{110}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
1199	140	117	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{6}{13}$	$\Phi_{117}\ \Phi_{39}\ \Phi_{13}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
1200	140	78	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{78}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
1201	140	139	$\frac{11}{139}$	$\frac{15}{139}$	$\frac{62}{139}$	$\frac{64}{139}$	$\Phi_{139}\ \Phi_1^2$
1202	140	240	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{240}\ \Phi_{80}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
1203	140	320	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{320}\ \Phi_{20}\ \Phi_{10}$
1204	140	174	$\frac{3}{29}$	$\frac{1}{6}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{174}\ \Phi_{87}\ \Phi_{58}$
1205	140	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
1206	140	139	$\frac{17}{139}$	$\frac{20}{139}$	$\frac{39}{139}$	$\frac{61}{139}$	$\Phi_{139}\ \Phi_1^2$
1207	140	213	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{1}{3}$	$\frac{31}{71}$	Φ_{213}
1208	140	56	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{56}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
1209	140	132	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{132}^2\ \Phi_{44}^2\ \Phi_{33}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
1210	140	228	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\frac{5}{12}$	$\Phi_{228}\ \Phi_{76}\ \Phi_{19}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
1211	140	60	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{60}^5\ \Phi_{30}\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{10}$
1212	140	139	$\frac{14}{139}$	$\frac{25}{139}$	$\frac{41}{139}$	$\frac{57}{139}$	$\Phi_{139}\ \Phi_1^2$
1213	140	213	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{1}{3}$	$\frac{29}{71}$	Φ_{213}
1214	140	110	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{110}^2\ \Phi_{55}\ \Phi_{22}^2$
1215	140	120	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{120}^2\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
1216	140	72	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^3\ \Phi_{24}^3\ \Phi_9^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
1217	140	40	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{40}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^4$
1218	140	270	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{270}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
1219	140	51	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{51}^3\ \Phi_{17}^2\ \Phi_3^4\ \Phi_1^4$
1220	140	99	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{99}^2\ \Phi_{33}$
1221	140	51	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{51}^2\ \Phi_{17}^4\ \Phi_3^3\ \Phi_1^6$
1222	140	24	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{24}^7\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
1223	140	216	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
1224	140	171	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{171}\ \Phi_{19}\ \Phi_9^2\ \Phi_1^2$
1225	140	90	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{90}^3\ \Phi_{45}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
1226	140	44	$\frac{2}{11}$	$\frac{9}{44}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{44}^3\ \Phi_{22}^3\ \Phi_{11}^4\ \Phi_4^2\ \Phi_2^2\ \Phi_1^4$
1227	140	240	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
1228	141	224	$\frac{1}{28}$	$\frac{29}{112}$	$\frac{83}{224}$	$\frac{27}{56}$	$\Phi_{224}\ \Phi_{56}\ \Phi_{32}\ \Phi_8\ \Phi_1$
1229	141	272	$\frac{5}{136}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{131}{272}$	$\Phi_{272}\ \Phi_{16}\ \Phi_8\ \Phi_1$
1230	141	180	$\frac{2}{45}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{180}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
1231	141	80	$\frac{1}{20}$	$\frac{7}{40}$	$\frac{33}{80}$	$\frac{19}{40}$	$\Phi_{80}^3\ \Phi_{40}\ \Phi_{16}^3\ \Phi_8\ \Phi_1$
1232	141	64	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{64}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
1233	141	88	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{88}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
1234	141	256	$\frac{13}{128}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{115}{256}$	$\Phi_{256}\ \Phi_{16}\ \Phi_8\ \Phi_1$
1235	141	84	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{37}{84}$	$\Phi_{84}^3\ \Phi_{28}^3\ \Phi_{12}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
1236	141	84	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{37}{84}$	$\Phi_{84}\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
1237	141	196	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{55}{196}$	$\frac{43}{98}$	$\Phi_{196}\ \Phi_{49}\ \Phi_{28}\ \Phi_4\ \Phi_1$
1238	141	80	$\frac{1}{10}$	$\frac{7}{40}$	$\frac{3}{10}$	$\frac{33}{80}$	$\Phi_{80}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
1239	141	80	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\frac{33}{80}$	$\Phi_{80}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
1240	141	200	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{59}{200}$	$\frac{41}{100}$	$\Phi_{200}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_8\ \Phi_1$
1241	141	160	$\frac{19}{160}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
1242	141	56	$\frac{1}{7}$	$\frac{9}{56}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{56}^3\ \Phi_{28}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
1243	141	60	$\frac{1}{10}$	$\frac{13}{60}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{60}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
1244	141	72	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{72}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
1245	141	108	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{108}^2\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
1246	141	60	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
1247	141	63	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{16}{63}$	$\frac{2}{7}$	$\Phi_{63}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_1^3$
1248	141	64	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\frac{17}{64}$	$\Phi_{64}^2\ \Phi_{32}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
1249	142	138	$\frac{2}{69}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{138}^2\ \Phi_{46}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1250	142	96	$\frac{1}{24}$	$\frac{25}{96}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{96}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1251	142	408	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{65}{136}$	$\Phi_{408}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
1252	142	135	$\frac{7}{135}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{64}{135}$	$\Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
1253	142	132	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{61}{132}$	$\Phi_{132}^2\ \Phi_{44}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1254	142	384	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{57}{128}$	$\Phi_{384}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
1255	142	240	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
1256	142	126	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{3}$	$\frac{55}{126}$	$\Phi_{126}^2\ \Phi_{42}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1257	142	120	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{3}$	$\frac{49}{120}$	$\Phi_{120}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1258	142	108	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1}{3}$	$\frac{37}{108}$	$\Phi_{108}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1259	142	96	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\frac{1}{3}$	$\Phi_{96}\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1260	142	81	$\frac{10}{81}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{81}^2\ \Phi_{27}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
1261	142	90	$\frac{7}{45}$	$\frac{19}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{90}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1262	143	120	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{11}{24}$	$\Phi_{120}^2\ \Phi_{40}^2\ \Phi_{24}^3\ \Phi_{20}\ \Phi_8^3\ \Phi_4\ \Phi_1$
1263	143	120	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{24}$	$\Phi_{120}^2\ \Phi_{40}^2\ \Phi_{24}^3\ \Phi_{15}\ \Phi_8^3\ \Phi_3\ \Phi_1$
1264	143	60	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{60}^4\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{12}^4\ \Phi_5\ \Phi_4^5\ \Phi_1$
1265	143	180	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{9}{20}$	$\Phi_{180}^2\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
1266	143	80	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{80}^2\ \Phi_{40}^2\ \Phi_{20}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
1267	143	126	$\frac{1}{14}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{126}\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
1268	143	112	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{112}^2\ \Phi_{28}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
1269	143	15	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{15}^{10}\ \Phi_5^9\ \Phi_3^9\ \Phi_1^9$
1270	143	90	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{5}{18}$	$\Phi_{90}^2\ \Phi_{45}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_9^3\ \Phi_3\ \Phi_1$
1271	143	240	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
1272	144	105	$\frac{1}{35}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{105}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
1273	144	143	$\frac{5}{143}$	$\frac{37}{143}$	$\frac{53}{143}$	$\frac{69}{143}$	$\Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_1^2$
1274	144	219	$\frac{3}{73}$	$\frac{19}{73}$	$\frac{1}{3}$	$\frac{35}{73}$	Φ_{219}
1275	144	115	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{11}{23}$	$\Phi_{115}\ \Phi_{23}^2\ \Phi_5^2\ \Phi_1^4$
1276	144	276	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{276}\ \Phi_{138}\ \Phi_{12}^2\ \Phi_6^2$
1277	144	143	$\frac{7}{143}$	$\frac{25}{143}$	$\frac{59}{143}$	$\frac{68}{143}$	$\Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_1^2$
1278	144	119	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{8}{17}$	$\Phi_{119}\ \Phi_{17}^2\ \Phi_7^2\ \Phi_1^4$
1279	144	255	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{255}\ \Phi_{15}^2$
1280	144	196	$\frac{3}{49}$	$\frac{1}{4}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{196}\ \Phi_{98}\ \Phi_{28}\ \Phi_{14}$
1281	144	143	$\frac{9}{143}$	$\frac{19}{143}$	$\frac{62}{143}$	$\frac{67}{143}$	$\Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_1^2$
1282	144	143	$\frac{9}{143}$	$\frac{35}{143}$	$\frac{38}{143}$	$\frac{67}{143}$	$\Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_1^2$
1283	144	240	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{7}{15}$	$\Phi_{240}\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
1284	144	60	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^3\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
1285	144	219	$\frac{5}{73}$	$\frac{13}{73}$	$\frac{1}{3}$	$\frac{34}{73}$	Φ_{219}
1286	144	65	$\frac{1}{13}$	$\frac{7}{65}$	$\frac{29}{65}$	$\frac{6}{13}$	$\Phi_{65}^2\ \Phi_{13}^3\ \Phi_5^2\ \Phi_1^4$
1287	144	185	$\frac{3}{37}$	$\frac{1}{5}$	$\frac{10}{37}$	$\frac{17}{37}$	Φ_{185}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
1288	144	11	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{5}{11}$	$\Phi_{11}^{13}\ \Phi_{1}^{14}$
1289	144	231	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{231}\ \Phi_{21}^{2}$
1290	144	11	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{11}^{13}\ \Phi_{1}^{14}$
1291	144	220	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{220}\ \Phi_{110}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
1292	144	219	$\frac{7}{73}$	$\frac{10}{73}$	$\frac{1}{3}$	$\frac{33}{73}$	Φ_{219}
1293	144	196	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{1}{4}$	$\frac{22}{49}$	$\Phi_{196}\ \Phi_{98}\ \Phi_{28}\ \Phi_{14}$
1294	144	143	$\frac{17}{143}$	$\frac{20}{143}$	$\frac{41}{143}$	$\frac{63}{143}$	$\Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
1295	144	175	$\frac{3}{25}$	$\frac{1}{7}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{175}\ \Phi_{35}$
1296	144	144	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{144}^{2}\ \Phi_{48}\ \Phi_{16}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
1297	144	80	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{80}^{3}\ \Phi_{16}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
1298	144	143	$\frac{19}{143}$	$\frac{27}{143}$	$\frac{29}{143}$	$\frac{62}{143}$	$\Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
1299	144	185	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{1}{5}$	$\frac{16}{37}$	Φ_{185}
1300	144	210	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{210}\ \Phi_{105}\ \Phi_{42}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}$
1301	144	119	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{5}{17}$	$\frac{3}{7}$	$\Phi_{119}\ \Phi_{17}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
1302	144	28	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{28}^{7}\ \Phi_{14}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
1303	144	143	$\frac{17}{143}$	$\frac{21}{143}$	$\frac{41}{143}$	$\frac{61}{143}$	$\Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
1304	144	219	$\frac{7}{73}$	$\frac{11}{73}$	$\frac{1}{3}$	$\frac{31}{73}$	Φ_{219}
1305	144	143	$\frac{14}{143}$	$\frac{25}{143}$	$\frac{43}{143}$	$\frac{59}{143}$	$\Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
1306	144	170	$\frac{1}{10}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{170}\ \Phi_{85}\ \Phi_{34}$
1307	144	195	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{195}\ \Phi_{39}^{2}$
1308	144	115	$\frac{2}{23}$	$\frac{1}{5}$	$\frac{7}{23}$	$\frac{2}{5}$	$\Phi_{115}\ \Phi_{23}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
1309	144	180	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{36}^{2}\ \Phi_{30}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
1310	144	115	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{5}{23}$	$\frac{2}{5}$	$\Phi_{115}\ \Phi_{23}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
1311	144	35	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{35}^{5}\ \Phi_{7}^{4}$
1312	144	143	$\frac{19}{143}$	$\frac{29}{143}$	$\frac{31}{143}$	$\frac{56}{143}$	$\Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
1313	144	196	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{1}{4}$	$\frac{19}{49}$	$\Phi_{196}\ \Phi_{98}\ \Phi_{28}\ \Phi_{14}$
1314	144	13	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{13}^{11}\ \Phi_{1}^{12}$
1315	144	219	$\frac{5}{73}$	$\frac{17}{73}$	$\frac{1}{3}$	$\frac{28}{73}$	Φ_{219}
1316	144	143	$\frac{15}{143}$	$\frac{32}{143}$	$\frac{37}{143}$	$\frac{53}{143}$	$\Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
1317	144	171	$\frac{1}{9}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{171}\ \Phi_{57}$
1318	144	175	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{175}\ \Phi_{35}$
1319	144	143	$\frac{20}{143}$	$\frac{23}{143}$	$\frac{41}{143}$	$\frac{51}{143}$	$\Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
1320	144	185	$\frac{4}{37}$	$\frac{1}{5}$	$\frac{11}{37}$	$\frac{13}{37}$	Φ_{185}
1321	144	143	$\frac{14}{143}$	$\frac{31}{143}$	$\frac{43}{143}$	$\frac{50}{143}$	$\Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
1322	144	196	$\frac{4}{49}$	$\frac{1}{4}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{196}\ \Phi_{98}\ \Phi_{28}\ \Phi_{14}$
1323	144	143	$\frac{8}{143}$	$\frac{45}{143}$	$\frac{47}{143}$	$\frac{49}{143}$	$\Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
1324	144	219	$\frac{4}{73}$	$\frac{23}{73}$	$\frac{1}{3}$	$\frac{25}{73}$	Φ_{219}
1325	144	57	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{57}^{3}\ \Phi_{19}^{2}$
1326	144	105	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}\ \Phi_{35}^{2}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
1327	144	156	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{156}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{26}^2$
1328	144	105	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
1329	144	30	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^8\ \Phi_6^4\ \Phi_5^6\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
1330	144	21	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{21}^5\ \Phi_7^{10}\ \Phi_3^6\ \Phi_1^{12}$
1331	144	276	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{276}\ \Phi_{138}\ \Phi_{12}^2\ \Phi_6^2$
1332	144	219	$\frac{7}{73}$	$\frac{17}{73}$	$\frac{22}{73}$	$\frac{1}{3}$	Φ_{219}
1333	144	255	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{255}\ \Phi_{15}^2$
1334	144	219	$\frac{10}{73}$	$\frac{13}{73}$	$\frac{21}{73}$	$\frac{1}{3}$	Φ_{219}
1335	144	231	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{231}\ \Phi_{21}^2$
1336	144	219	$\frac{9}{73}$	$\frac{16}{73}$	$\frac{19}{73}$	$\frac{1}{3}$	Φ_{219}
1337	144	36	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{36}^4\ \Phi_{18}^4\ \Phi_{12}^2\ \Phi_9^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
1338	144	276	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{276}\ \Phi_{138}\ \Phi_{12}^2\ \Phi_6^2$
1339	144	420	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}$
1340	144	84	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{84}^3\ \Phi_{42}^3\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}^3\ \Phi_6^3$
1341	144	11	$\frac{2}{11}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{3}{11}$	$\Phi_{11}^{13}\ \Phi_1^{14}$
1342	144	220	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{220}\ \Phi_{110}\ \Phi_{20}^2\ \Phi_{10}^2$
1343	144	185	$\frac{7}{37}$	$\frac{1}{5}$	$\frac{9}{37}$	$\frac{10}{37}$	Φ_{185}
1344	144	143	$\frac{27}{143}$	$\frac{29}{143}$	$\frac{35}{143}$	$\frac{38}{143}$	$\Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_1^2$
1345	144	196	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{1}{4}$	$\frac{13}{49}$	$\Phi_{196}\ \Phi_{98}\ \Phi_{28}\ \Phi_{14}$
1346	144	20	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{20}^6\ \Phi_{10}^6\ \Phi_5^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{12}$
1347	145	56	$\frac{1}{28}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{27}{56}$	$\Phi_{56}\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_8^2\ \Phi_7^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
1348	145	256	$\frac{1}{16}$	$\frac{17}{128}$	$\frac{111}{256}$	$\frac{15}{32}$	$\Phi_{256}\ \Phi_{32}\ \Phi_1$
1349	145	192	$\frac{1}{16}$	$\frac{47}{192}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
1350	145	54	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{54}^2\ \Phi_{27}^3\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
1351	145	168	$\frac{2}{21}$	$\frac{23}{168}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
1352	145	120	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{120}^2\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
1353	145	252	$\frac{2}{21}$	$\frac{19}{126}$	$\frac{1}{3}$	$\frac{107}{252}$	$\Phi_{252}\ \Phi_{84}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
1354	145	150	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{150}\ \Phi_{75}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
1355	145	36	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{36}^5\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
1356	145	48	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{48}^5\ \Phi_{16}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
1357	145	168	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{42}$	$\frac{3}{8}$	$\Phi_{168}^2\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
1358	145	32	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{32}^5\ \Phi_{16}^5\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
1359	145	280	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}\ \Phi_{40}\ \Phi_{35}\ \Phi_8\ \Phi_5\ \Phi_1$
1360	145	216	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{71}{216}$	$\frac{37}{108}$	$\Phi_{216}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
1361	145	189	$\frac{2}{21}$	$\frac{44}{189}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{189}\ \Phi_{27}\ \Phi_{21}\ \Phi_7\ \Phi_1$
1362	145	36	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{36}^5\ \Phi_{18}^2\ \Phi_{12}^5\ \Phi_9^3\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
1363	146	116	$\frac{1}{29}$	$\frac{15}{58}$	$\frac{43}{116}$	$\frac{14}{29}$	$\Phi_{116}^2\ \Phi_{29}\ \Phi_4^2\ \Phi_1^2$
1364	146	140	$\frac{3}{70}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{67}{140}$	$\Phi_{140}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
1365	146	100	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{27}{100}$	$\frac{23}{50}$	$\Phi_{100}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
1366	146	135	$\frac{11}{135}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{62}{135}$	$\Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}^2\ \Phi_9\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
1367	146	90	$\frac{2}{15}$	$\frac{17}{90}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{90}^2\ \Phi_{45}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
1368	146	125	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\frac{52}{125}$	$\Phi_{125}\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
1369	146	105	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{32}{105}$	$\frac{2}{5}$	$\Phi_{105}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
1370	146	80	$\frac{7}{80}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{80}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
1371	146	120	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\frac{47}{120}$	$\Phi_{120}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
1372	146	90	$\frac{17}{90}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{90}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
1373	147	120	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{19}{40}$	$\Phi_{120}^2\ \Phi_{40}^3\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
1374	147	360	$\frac{1}{20}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{360}\ \Phi_{72}\ \Phi_{40}\ \Phi_9\ \Phi_8\ \Phi_1$
1375	147	180	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{41}{90}$	$\Phi_{180}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
1376	147	60	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
1377	147	60	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{3}{10}$	$\frac{5}{12}$	$\Phi_{60}^4\ \Phi_{20}^4\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
1378	147	24	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{24}^6\ \Phi_{12}^5\ \Phi_8^9\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
1379	147	300	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{300}\ \Phi_{100}\ \Phi_{25}\ \Phi_{12}\ \Phi_4\ \Phi_1$
1380	147	80	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\frac{31}{80}$	$\Phi_{80}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
1381	147	90	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{90}^2\ \Phi_{45}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_9^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
1382	147	72	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{72}^3\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
1383	147	225	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{225}\ \Phi_{25}\ \Phi_9\ \Phi_1$
1384	147	60	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
1385	148	72	$\frac{1}{36}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{72}^4\ \Phi_{24}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
1386	148	150	$\frac{1}{25}$	$\frac{13}{50}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{150}^2\ \Phi_{75}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
1387	148	63	$\frac{1}{21}$	$\frac{11}{63}$	$\frac{26}{63}$	$\frac{10}{21}$	$\Phi_{63}^2\ \Phi_{21}^3\ \Phi_9^2\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
1388	148	70	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{33}{70}$	$\Phi_{70}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7\ \Phi_2^4\ \Phi_1^2$
1389	148	210	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{33}{70}$	$\Phi_{210}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
1390	148	45	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{45}^4\ \Phi_{15}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
1391	148	135	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{61}{135}$	$\Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
1392	148	105	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{31}{105}$	$\frac{3}{7}$	$\Phi_{105}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
1393	148	42	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{42}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_7\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^2$
1394	148	120	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{120}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
1395	148	60	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{1}{3}$	$\frac{23}{60}$	$\Phi_{60}^4\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
1396	148	39	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{39}^4\ \Phi_{13}^4\ \Phi_3\ \Phi_1^2$
1397	148	54	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{54}^4\ \Phi_{27}^4\ \Phi_3\ \Phi_1^2$
1398	148	120	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
1399	148	48	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{48}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
1400	148	81	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{81}^2\ \Phi_{27}^2\ \Phi_3\ \Phi_1^2$
1401	148	45	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{45}^4\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
1402	148	42	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{42}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
1403	148	105	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\frac{1}{3}$	$\Phi_{105}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
1404	148	45	$\frac{2}{15}$	$\frac{8}{45}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{45}^3\ \Phi_{15}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
1405	148	49	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{12}{49}$	$\frac{13}{49}$	$\Phi_{49}^3\ \Phi_7^3\ \Phi_1^4$
1406	149	288	$\frac{5}{144}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{139}{288}$	$\Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_8\ \Phi_1$
1407	149	160	$\frac{11}{160}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
1408	149	216	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{67}{216}$	$\frac{3}{8}$	$\Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_8\ \Phi_1$
1409	149	192	$\frac{5}{48}$	$\frac{43}{192}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_1$
1410	149	168	$\frac{19}{168}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
1411	150	232	$\frac{1}{29}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{14}{29}$	$\Phi_{232}\ \Phi_{29}\ \Phi_8^2\ \Phi_1^2$
1412	150	240	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{23}{48}$	$\Phi_{240}\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
1413	150	48	$\frac{1}{24}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{48}^6\ \Phi_{16}^6\ \Phi_{12}\ \Phi_6$
1414	150	68	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{68}^3\ \Phi_{34}\ \Phi_{17}^2\ \Phi_4^2\ \Phi_1^2$
1415	150	252	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{13}{28}$	$\Phi_{252}\ \Phi_{84}\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
1416	150	84	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{84}^3\ \Phi_{28}^4\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1417	150	63	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{4}{9}$	$\Phi_{63}^2\ \Phi_{21}^2\ \Phi_9^3\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
1418	150	36	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{36}^5\ \Phi_{18}^2\ \Phi_{12}^7\ \Phi_9^3\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
1419	150	149	$\frac{17}{149}$	$\frac{21}{149}$	$\frac{44}{149}$	$\frac{64}{149}$	$\Phi_{149}\ \Phi_1^2$
1420	150	186	$\frac{5}{31}$	$\frac{1}{6}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{186}\ \Phi_{93}\ \Phi_{62}$
1421	150	149	$\frac{24}{149}$	$\frac{25}{149}$	$\frac{29}{149}$	$\frac{62}{149}$	$\Phi_{149}\ \Phi_1^2$
1422	150	68	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\frac{7}{17}$	$\Phi_{68}^3\ \Phi_{34}^3\ \Phi_4^2\ \Phi_2^2$
1423	150	135	$\frac{2}{27}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{135}\ \Phi_{45}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
1424	150	180	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{36}$	$\frac{2}{5}$	$\Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
1425	150	140	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
1426	150	160	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\frac{2}{5}$	$\Phi_{160}\ \Phi_{80}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
1427	150	30	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^8\ \Phi_5^5\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
1428	150	48	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{48}^5\ \Phi_{24}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
1429	150	232	$\frac{2}{29}$	$\frac{1}{4}$	$\frac{9}{29}$	$\frac{3}{8}$	$\Phi_{232}\ \Phi_{29}\ \Phi_8^2\ \Phi_1^2$
1430	150	88	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{88}^3\ \Phi_{44}\ \Phi_{22}$
1431	150	232	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{232}\ \Phi_{29}\ \Phi_8^2\ \Phi_1^2$
1432	150	168	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^2\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
1433	150	149	$\frac{19}{149}$	$\frac{26}{149}$	$\frac{41}{149}$	$\frac{54}{149}$	$\Phi_{149}\ \Phi_1^2$
1434	150	186	$\frac{4}{31}$	$\frac{1}{6}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{186}\ \Phi_{93}\ \Phi_{62}$
1435	150	114	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{1}{3}$	$\frac{13}{38}$	$\Phi_{114}^3\ \Phi_{57}\ \Phi_6^3$
1436	150	108	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
1437	150	36	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{36}^6\ \Phi_{18}^6\ \Phi_{12}\ \Phi_9^6\ \Phi_6$
1438	150	42	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{42}^4\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_7^4\ \Phi_6^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
1439	150	228	$\frac{11}{76}$	$\frac{13}{76}$	$\frac{21}{76}$	$\frac{1}{3}$	$\Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{12}\ \Phi_6$
1440	150	84	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^3\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{12}\ \Phi_6$
1441	150	96	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{96}^3\ \Phi_{48}^3\ \Phi_{12}\ \Phi_6$
1442	150	12	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{12}^{17}\ \Phi_6^9\ \Phi_4^{16}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
1443	151	240	$\frac{1}{30}$	$\frac{31}{120}$	$\frac{89}{240}$	$\frac{29}{60}$	$\Phi_{240}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
1444	151	204	$\frac{2}{51}$	$\frac{53}{204}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{204}\ \Phi_{68}\ \Phi_{51}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
1445	151	288	$\frac{7}{144}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{137}{288}$	$\Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$
1446	151	288	$\frac{7}{144}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{137}{288}$	$\Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_9\ \Phi_1$
1447	151	280	$\frac{11}{140}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{129}{280}$	$\Phi_{280}\ \Phi_{56}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
1448	151	216	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{65}{216}$	$\frac{5}{12}$	$\Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
1449	151	168	$\frac{17}{168}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
1450	151	192	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{41}{192}$	$\frac{5}{12}$	$\Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$
1451	151	180	$\frac{29}{180}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
1452	151	162	$\frac{11}{162}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
1453	151	240	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{120}$	$\frac{89}{240}$	$\Phi_{240}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
1454	151	216	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{65}{216}$	$\frac{1}{3}$	$\Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
1455	151	180	$\frac{29}{180}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
1456	152	111	$\frac{1}{37}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{111}\ \Phi_{37}^2\ \Phi_3^2\ \Phi_1^4$
1457	152	151	$\frac{5}{151}$	$\frac{39}{151}$	$\frac{56}{151}$	$\frac{73}{151}$	$\Phi_{151}\ \Phi_1^2$
1458	152	231	$\frac{3}{77}$	$\frac{20}{77}$	$\frac{1}{3}$	$\frac{37}{77}$	$\Phi_{231}\ \Phi_{33}\ \Phi_{21}$
1459	152	252	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{17}{36}$	$\Phi_{252}\ \Phi_{84}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
1460	152	180	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{180}^2\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}$
1461	152	130	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{130}^2\ \Phi_{65}\ \Phi_{10}^2$
1462	152	105	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{16}{35}$	$\Phi_{105}^2\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_3^2$
1463	152	66	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{66}^4\ \Phi_{33}^3\ \Phi_6^4\ \Phi_3^2$
1464	152	21	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{21}^7\ \Phi_7^8\ \Phi_3^6\ \Phi_1^8$
1465	152	189	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{27}$	$\frac{3}{7}$	$\Phi_{189}\ \Phi_{27}^2\ \Phi_7\ \Phi_1^2$
1466	152	168	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{3}{7}$	$\Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
1467	152	33	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{3}$	$\frac{14}{33}$	$\Phi_{33}^5\ \Phi_{11}^4\ \Phi_3^4\ \Phi_1^4$
1468	152	288	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{288}\ \Phi_{96}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
1469	152	72	$\frac{1}{9}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^2\ \Phi_{36}^3\ \Phi_{24}\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1470	152	90	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{90}^3\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
1471	152	60	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
1472	152	105	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^2\ \Phi_{35}^2\ \Phi_{15}$
1473	152	99	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{99}^2\ \Phi_{33}\ \Phi_9^2$
1474	152	135	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{135}^2\ \Phi_{15}$
1475	152	105	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\frac{1}{3}$	$\Phi_{105}\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
1476	152	45	$\frac{7}{45}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{45}^3\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
1477	152	120	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{15}$
1478	153	208	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{55}{208}$	$\frac{49}{104}$	$\Phi_{208}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
1479	153	32	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{15}{32}$	$\Phi_{32}^9\ \Phi_{16}\ \Phi_1$
1480	153	32	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{32}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
1481	153	48	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{7}{16}$	$\Phi_{48}^8\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
1482	153	80	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{80}^4\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
1483	153	64	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{7}{16}$	$\Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}\ \Phi_1$
1484	153	30	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{30}^5\ \Phi_{15}^6\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
1485	153	120	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{120}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
1486	153	256	$\frac{1}{8}$	$\frac{25}{128}$	$\frac{7}{32}$	$\frac{103}{256}$	$\Phi_{256}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
1487	153	64	$\frac{1}{8}$	$\frac{13}{64}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{64}^2\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
1488	153	56	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{56}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
1489	153	19	$\frac{2}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{19}^8\ \Phi_1^9$
1490	153	80	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\frac{29}{80}$	$\Phi_{80}^3\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{10}\ \Phi_5\ \Phi_1$
1491	153	52	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{52}^4\ \Phi_{26}\ \Phi_{13}^3\ \Phi_4^3\ \Phi_1^3$
1492	153	76	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{25}{76}$	$\frac{13}{38}$	$\Phi_{76}^3\ \Phi_{19}^2\ \Phi_4^3\ \Phi_1^3$
1493	153	24	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{24}^9\ \Phi_{12}^9\ \Phi_6^9\ \Phi_4^2\ \Phi_3^9\ \Phi_2^2\ \Phi_1^3$
1494	153	20	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{20}^9\ \Phi_{10}^9\ \Phi_5^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
1495	153	64	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{64}^3\ \Phi_{32}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
1496	154	150	$\frac{2}{75}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{150}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1497	154	312	$\frac{1}{26}$	$\frac{27}{104}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{312}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_6$
1498	154	84	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{10}{21}$	$\Phi_{84}^3\ \Phi_{28}^3\ \Phi_{21}\ \Phi_{12}^4\ \Phi_7\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
1499	154	63	$\frac{1}{21}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{63}^3\ \Phi_{21}\ \Phi_9^4\ \Phi_7\ \Phi_3\ \Phi_1^2$
1500	154	136	$\frac{1}{17}$	$\frac{9}{68}$	$\frac{59}{136}$	$\frac{8}{17}$	$\Phi_{136}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_1^2$
1501	154	102	$\frac{1}{17}$	$\frac{25}{102}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{102}^2\ \Phi_{51}^2\ \Phi_{17}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
1502	154	144	$\frac{5}{72}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{67}{144}$	$\Phi_{144}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
1503	154	144	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{67}{144}$	$\Phi_{144}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1504	154	260	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{6}{13}$	$\Phi_{260}\ \Phi_{52}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_4^2\ \Phi_1^2$
1505	154	195	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{6}{13}$	$\Phi_{195}\ \Phi_{39}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_3^2\ \Phi_1^2$
1506	154	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{120}^2\ \Phi_{60}\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
1507	154	108	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{31}{108}$	$\frac{4}{9}$	$\Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
1508	154	90	$\frac{1}{9}$	$\frac{13}{90}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
1509	154	135	$\frac{1}{9}$	$\frac{19}{135}$	$\frac{8}{27}$	$\frac{58}{135}$	$\Phi_{135}\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
1510	154	108	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{31}{108}$	$\frac{23}{54}$	$\Phi_{108}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
1511	154	12	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{12}^{12}\ \Phi_6^{14}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
1512	154	84	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\frac{5}{12}$	$\Phi_{84}^3\ \Phi_{28}^3\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_7\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
1513	154	390	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{3}$	$\frac{53}{130}$	$\Phi_{390}\ \Phi_{78}\ \Phi_{39}\ \Phi_{30}\ \Phi_6$
1514	154	60	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
1515	154	90	$\frac{1}{15}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{90}^3\ \Phi_{30}^3\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1516	154	240	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{240}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
1517	154	17	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{6}{17}$	$\Phi_{17}^9\ \Phi_1^{10}$
1518	154	117	$\frac{2}{39}$	$\frac{37}{117}$	$\frac{1}{3}$	$\frac{40}{117}$	$\Phi_{117}\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
1519	154	36	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{36}^6\ \Phi_{18}^6\ \Phi_{12}^2\ \Phi_9^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1520	154	90	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1521	154	63	$\frac{2}{21}$	$\frac{2}{9}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{63}^2\ \Phi_{21}^3\ \Phi_9^3\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
1522	154	108	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\frac{1}{3}$	$\Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1523	154	90	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1524	154	120	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{120}\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
1525	154	126	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{126}^2\ \Phi_{63}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
1526	154	96	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1527	155	120	$\frac{1}{30}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{29}{60}$	$\Phi_{120}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
1528	155	264	$\frac{1}{22}$	$\frac{23}{132}$	$\frac{109}{264}$	$\frac{21}{44}$	$\Phi_{264}\ \Phi_{88}\ \Phi_{44}\ \Phi_{24}\ \Phi_8\ \Phi_4\ \Phi_1$
1529	155	56	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{25}{56}$	$\frac{13}{28}$	$\Phi_{56}^5\ \Phi_{28}\ \Phi_8^5\ \Phi_4\ \Phi_1$
1530	155	56	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{25}{56}$	$\Phi_{56}^5\ \Phi_8^5\ \Phi_7^2\ \Phi_1^3$
1531	155	168	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{168}^2\ \Phi_{56}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
1532	155	35	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{35}^5\ \Phi_7^2\ \Phi_5^5\ \Phi_1^3$
1533	155	264	$\frac{1}{11}$	$\frac{23}{132}$	$\frac{10}{33}$	$\frac{109}{264}$	$\Phi_{264}\ \Phi_{88}\ \Phi_{33}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
1534	155	44	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{13}{44}$	$\frac{9}{22}$	$\Phi_{44}^5\ \Phi_{11}^4\ \Phi_4^5\ \Phi_1^5$
1535	155	252	$\frac{1}{14}$	$\frac{29}{126}$	$\frac{13}{42}$	$\frac{97}{252}$	$\Phi_{252}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
1536	155	224	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{69}{224}$	$\frac{43}{112}$	$\Phi_{224}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
1537	155	264	$\frac{2}{33}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{264}\ \Phi_{88}\ \Phi_{33}\ \Phi_{11}\ \Phi_8\ \Phi_1$
1538	155	360	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{14}{45}$	$\frac{3}{8}$	$\Phi_{360}\ \Phi_{72}\ \Phi_{45}\ \Phi_9\ \Phi_8\ \Phi_1$
1539	155	40	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{40}^3\ \Phi_{20}^5\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
1540	155	280	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}\ \Phi_{56}\ \Phi_{35}\ \Phi_8\ \Phi_7\ \Phi_1$
1541	155	72	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^4\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8^3\ \Phi_4\ \Phi_1$
1542	155	48	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{48}^5\ \Phi_{24}^2\ \Phi_{16}^5\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
1543	155	198	$\frac{1}{11}$	$\frac{43}{198}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{198}\ \Phi_{99}\ \Phi_{33}\ \Phi_{18}\ \Phi_9\ \Phi_3\ \Phi_1$
1544	155	42	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\frac{2}{7}$	$\Phi_{42}^5\ \Phi_{21}^5\ \Phi_7^2\ \Phi_6^5\ \Phi_3^5\ \Phi_1^3$
1545	156	228	$\frac{1}{38}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{228}\ \Phi_{76}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
1546	156	62	$\frac{1}{31}$	$\frac{8}{31}$	$\frac{23}{62}$	$\frac{15}{31}$	$\Phi_{62}^4\ \Phi_{31}\ \Phi_2^4\ \Phi_1^2$
1547	156	25	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{12}{25}$	$\Phi_{25}^6\ \Phi_5^7\ \Phi_1^8$
1548	156	300	$\frac{1}{25}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{300}\ \Phi_{150}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
1549	156	155	$\frac{7}{155}$	$\frac{27}{155}$	$\frac{64}{155}$	$\frac{74}{155}$	$\Phi_{155}\ \Phi_{31}\ \Phi_5\ \Phi_1^2$
1550	156	212	$\frac{3}{53}$	$\frac{1}{4}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{212}\ \Phi_{106}$
1551	156	155	$\frac{9}{155}$	$\frac{38}{155}$	$\frac{41}{155}$	$\frac{73}{155}$	$\Phi_{155}\ \Phi_{31}\ \Phi_5\ \Phi_1^2$
1552	156	237	$\frac{5}{79}$	$\frac{14}{79}$	$\frac{1}{3}$	$\frac{37}{79}$	Φ_{237}
1553	156	264	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{11}{24}$	$\Phi_{264}\ \Phi_{88}\ \Phi_{24}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
1554	156	168	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{168}^2\ \Phi_{56}^2\ \Phi_{21}$
1555	156	264	$\frac{1}{12}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{11}{24}$	$\Phi_{264}\ \Phi_{88}\ \Phi_{24}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
1556	156	120	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{120}^3\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
1557	156	165	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{165}\ \Phi_{55}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_5^2\ \Phi_1^2$
1558	156	198	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{5}{11}$	$\Phi_{198}\ \Phi_{99}\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
1559	156	176	$\frac{1}{11}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{176}\ \Phi_{88}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
1560	156	126	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{126}^2\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{14}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
1561	156	70	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{70}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
1562	156	80	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{80}^2\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^2$
1563	156	210	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{210}\ \Phi_{105}\ \Phi_{42}^2\ \Phi_{30}\ \Phi_{21}^2\ \Phi_6^2$
1564	156	50	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{11}{50}$	$\frac{2}{5}$	$\Phi_{50}^4\ \Phi_{25}^2\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
1565	156	15	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{15}^{12}\ \Phi_5^7\ \Phi_3^{12}\ \Phi_1^8$
1566	156	320	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{320}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
1567	156	182	$\frac{1}{14}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{182}\ \Phi_{91}\ \Phi_{26}$
1568	156	62	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{8}{31}$	$\frac{23}{62}$	$\Phi_{62}^4\ \Phi_{31}\ \Phi_2^4\ \Phi_1^2$
1569	156	31	$\frac{4}{31}$	$\frac{5}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{31}^5\ \Phi_1^6$
1570	156	20	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{20}^{12}\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^{12}\ \Phi_2^4\ \Phi_1^4$
1571	156	155	$\frac{8}{155}$	$\frac{49}{155}$	$\frac{51}{155}$	$\frac{53}{155}$	$\Phi_{155}\ \Phi_{31}\ \Phi_5\ \Phi_1^2$
1572	156	237	$\frac{4}{79}$	$\frac{25}{79}$	$\frac{1}{3}$	$\frac{27}{79}$	Φ_{237}
1573	156	57	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{57}^2\ \Phi_{19}^4\ \Phi_3^3\ \Phi_1^6$
1574	156	84	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{84}^2\ \Phi_{42}\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
1575	156	105	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^2\ \Phi_{35}^2\ \Phi_{21}$
1576	156	126	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{126}^2\ \Phi_{63}^2\ \Phi_{21}$
1577	156	165	$\frac{2}{15}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{165}\ \Phi_{55}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_5^2\ \Phi_1^2$
1578	156	60	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
1579	156	336	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{21}$
1580	156	198	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{5}{18}$	$\Phi_{198}\ \Phi_{99}\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
1581	156	180	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{180}^2\ \Phi_{90}\ \Phi_{45}\ \Phi_{20}\ \Phi_{10}$
1582	156	176	$\frac{2}{11}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{176}\ \Phi_{88}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
1583	156	80	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
1584	157	304	$\frac{5}{152}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{147}{304}$	$\Phi_{304}\ \Phi_{16}\ \Phi_8\ \Phi_1$
1585	157	288	$\frac{1}{12}$	$\frac{13}{144}$	$\frac{131}{288}$	$\frac{11}{24}$	$\Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
1586	157	216	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{59}{216}$	$\frac{11}{24}$	$\Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
1587	157	192	$\frac{1}{12}$	$\frac{35}{192}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
1588	157	288	$\frac{13}{144}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{131}{288}$	$\Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
1589	157	288	$\frac{13}{144}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{131}{288}$	$\Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
1590	157	216	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{59}{216}$	$\frac{49}{108}$	$\Phi_{216}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
1591	157	192	$\frac{3}{32}$	$\frac{35}{192}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
1592	157	280	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{123}{280}$	$\Phi_{280}\ \Phi_{56}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
1593	157	256	$\frac{3}{32}$	$\frac{29}{128}$	$\frac{1}{4}$	$\frac{99}{256}$	$\Phi_{256}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
1594	157	180	$\frac{23}{180}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
1595	157	240	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{120}$	$\frac{83}{240}$	$\Phi_{240}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
1596	157	216	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{59}{216}$	$\frac{5}{18}$	$\Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
1597	157	192	$\frac{35}{192}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
1598	158	456	$\frac{3}{76}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{73}{152}$	$\Phi_{456}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
1599	158	150	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{71}{150}$	$\Phi_{150}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
1600	158	96	$\frac{1}{16}$	$\frac{17}{96}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{96}\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1601	158	144	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{65}{144}$	$\Phi_{144}^2\ \Phi_{48}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
1602	158	420	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{3}$	$\frac{61}{140}$	$\Phi_{420}\ \Phi_{84}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
1603	158	384	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1}{3}$	$\frac{49}{128}$	$\Phi_{384}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
1604	158	120	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{1}{3}$	$\frac{41}{120}$	$\Phi_{120}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_8^2\ \Phi_6$
1605	158	96	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
1606	158	90	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_2^2$
1607	158	300	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\frac{1}{3}$	$\Phi_{300}\ \Phi_{150}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
1608	159	204	$\frac{2}{51}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{204}\ \Phi_{68}\ \Phi_{51}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
1609	159	72	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{72}^3\ \Phi_{36}^2\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
1610	159	96	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{43}{96}$	$\Phi_{96}^3\ \Phi_{32}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
1611	159	60	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
1612	159	180	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{4}$	$\frac{37}{90}$	$\Phi_{180}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
1613	159	79	$\frac{4}{79}$	$\frac{25}{79}$	$\frac{26}{79}$	$\frac{27}{79}$	$\Phi_{79}^2\ \Phi_1^3$
1614	159	69	$\frac{2}{23}$	$\frac{16}{69}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{69}^2\ \Phi_{23}^3\ \Phi_3\ \Phi_1^3$
1615	159	72	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{19}{72}$	$\Phi_{72}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
1616	160	39	$\frac{1}{39}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{39}^4\ \Phi_{13}^4\ \Phi_3^5\ \Phi_1^6$
1617	160	159	$\frac{5}{159}$	$\frac{41}{159}$	$\frac{59}{159}$	$\frac{77}{159}$	$\Phi_{159}\ \Phi_{53}\ \Phi_3\ \Phi_1^2$
1618	160	248	$\frac{1}{31}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{15}{31}$	$\Phi_{248}\ \Phi_{31}\ \Phi_8^2\ \Phi_1^2$
1619	160	27	$\frac{1}{27}$	$\frac{7}{27}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{27}^6\ \Phi_9^6\ \Phi_3^5\ \Phi_1^6$
1620	160	153	$\frac{7}{153}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{73}{153}$	$\Phi_{153}\ \Phi_{51}\ \Phi_{17}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
1621	160	133	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{9}{19}$	$\Phi_{133}\ \Phi_{19}^2\ \Phi_7^2\ \Phi_1^4$
1622	160	285	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{285}\ \Phi_{15}^2$
1623	160	53	$\frac{3}{53}$	$\frac{7}{53}$	$\frac{23}{53}$	$\frac{25}{53}$	$\Phi_{53}^3\ \Phi_1^4$
1624	160	53	$\frac{3}{53}$	$\frac{13}{53}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{53}^3\ \Phi_1^4$
1625	160	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{7}{15}$	$\Phi_{45}^3\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
1626	160	30	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{30}^6\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_6^8\ \Phi_5^4\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
1627	160	159	$\frac{11}{159}$	$\frac{17}{159}$	$\frac{71}{159}$	$\frac{74}{159}$	$\Phi_{159}\ \Phi_{53}\ \Phi_3\ \Phi_1^2$
1628	160	205	$\frac{3}{41}$	$\frac{1}{5}$	$\frac{11}{41}$	$\frac{19}{41}$	Φ_{205}
1629	160	159	$\frac{13}{159}$	$\frac{29}{159}$	$\frac{43}{159}$	$\frac{73}{159}$	$\Phi_{159}\ \Phi_{53}\ \Phi_3\ \Phi_1^2$
1630	160	81	$\frac{7}{81}$	$\frac{11}{81}$	$\frac{1}{3}$	$\frac{37}{81}$	$\Phi_{81}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
1631	160	66	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{66}^3\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
1632	160	159	$\frac{17}{159}$	$\frac{23}{159}$	$\frac{44}{159}$	$\frac{71}{159}$	$\Phi_{159}\ \Phi_{53}\ \Phi_3\ \Phi_1^2$
1633	160	9	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_9^{18}\ \Phi_3^{17}\ \Phi_1^{18}$
1634	160	45	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{45}^3\ \Phi_{15}^3\ \Phi_9^4\ \Phi_5^6\ \Phi_3^4\ \Phi_1^8$
1635	160	231	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{231}\ \Phi_{33}^2$
1636	160	63	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{63}^3\ \Phi_{21}^3\ \Phi_9^2\ \Phi_3^2$
1637	160	133	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{3}{7}$	$\Phi_{133}\ \Phi_{19}^2\ \Phi_7^2\ \Phi_1^4$
1638	160	210	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
1639	160	159	$\frac{23}{159}$	$\frac{25}{159}$	$\frac{34}{159}$	$\frac{67}{159}$	$\Phi_{159}\ \Phi_{53}\ \Phi_3\ \Phi_1^2$
1640	160	205	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{1}{5}$	$\frac{17}{41}$	Φ_{205}
1641	160	187	$\frac{1}{11}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	Φ_{187}
1642	160	159	$\frac{14}{159}$	$\frac{29}{159}$	$\frac{47}{159}$	$\frac{65}{159}$	$\Phi_{159}\ \Phi_{53}\ \Phi_3\ \Phi_1^2$
1643	160	27	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{1}{3}$	$\frac{11}{27}$	$\Phi_{27}^6\ \Phi_9^6\ \Phi_3^5\ \Phi_1^6$
1644	160	159	$\frac{19}{159}$	$\frac{31}{159}$	$\frac{35}{159}$	$\frac{64}{159}$	$\Phi_{159}\ \Phi_{53}\ \Phi_3\ \Phi_1^2$
1645	160	53	$\frac{8}{53}$	$\frac{9}{53}$	$\frac{11}{53}$	$\frac{21}{53}$	$\Phi_{53}^3\ \Phi_1^4$
1646	160	66	$\frac{5}{33}$	$\frac{1}{6}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{66}^3\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1647	160	205	$\frac{5}{41}$	$\frac{1}{5}$	$\frac{9}{41}$	$\frac{16}{41}$	Φ_{205}
1648	160	159	$\frac{11}{159}$	$\frac{37}{159}$	$\frac{49}{159}$	$\frac{61}{159}$	$\Phi_{159}\ \Phi_{53}\ \Phi_3\ \Phi_1^2$
1649	160	81	$\frac{5}{81}$	$\frac{19}{81}$	$\frac{1}{3}$	$\frac{31}{81}$	$\Phi_{81}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
1650	160	408	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{408}\ \Phi_{51}$
1651	160	248	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{248}\ \Phi_{31}\ \Phi_8^2\ \Phi_1^2$
1652	160	360	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}\ \Phi_{120}\ \Phi_{45}\ \Phi_{15}$
1653	160	21	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{21}^8\ \Phi_7^8\ \Phi_3^5\ \Phi_1^6$
1654	160	117	$\frac{2}{39}$	$\frac{37}{117}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{117}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
1655	160	39	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{39}^3\ \Phi_{13}^6\ \Phi_3^4\ \Phi_1^8$
1656	160	165	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}\ \Phi_{55}^2$
1657	160	39	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{39}^4\ \Phi_{13}^4\ \Phi_3^5\ \Phi_1^6$
1658	160	18	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{18}^{12}\ \Phi_9^8\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
1659	160	90	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{90}^3\ \Phi_{45}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1660	160	27	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{27}^8\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
1661	160	285	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{285}\ \Phi_{15}^2$
1662	160	81	$\frac{13}{81}$	$\frac{16}{81}$	$\frac{17}{81}$	$\frac{1}{3}$	$\Phi_{81}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
1663	160	30	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{30}^6\ \Phi_{15}^3\ \Phi_{10}^6\ \Phi_6^8\ \Phi_5^6\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
1664	161	256	$\frac{1}{32}$	$\frac{33}{128}$	$\frac{95}{256}$	$\frac{31}{64}$	$\Phi_{256}\ \Phi_{64}\ \Phi_1$
1665	161	132	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{21}{44}$	$\Phi_{66}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
1666	161	396	$\frac{1}{22}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{396}\ \Phi_{44}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
1667	161	220	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{59}{220}$	$\frac{51}{110}$	$\Phi_{220}\ \Phi_{55}\ \Phi_{44}\ \Phi_{20}\ \Phi_{11}\ \Phi_4\ \Phi_1$
1668	161	300	$\frac{11}{150}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{139}{300}$	$\Phi_{300}\ \Phi_{100}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
1669	161	168	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
1670	161	288	$\frac{17}{144}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{127}{288}$	$\Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
1671	161	32	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{32}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
1672	161	40	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{40}^3\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^6\ \Phi_5^4\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
1673	161	132	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{10}{33}$	$\frac{5}{12}$	$\Phi_{132}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
1674	161	180	$\frac{19}{180}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
1675	161	72	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{72}^2\ \Phi_{36}\ \Phi_{24}^4\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
1676	161	192	$\frac{1}{8}$	$\frac{31}{192}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
1677	161	240	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{79}{240}$	$\frac{41}{120}$	$\Phi_{240}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
1678	161	99	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{99}^2\ \Phi_{33}\ \Phi_9^3\ \Phi_3\ \Phi_1$
1679	161	216	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{55}{216}$	$\frac{7}{24}$	$\Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
1680	161	225	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{64}{225}$	$\Phi_{225}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
1681	162	260	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{25}{52}$	$\Phi_{260}\ \Phi_{52}^2\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
1682	162	156	$\frac{1}{26}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{156}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
1683	162	46	$\frac{1}{23}$	$\frac{4}{23}$	$\frac{19}{46}$	$\frac{11}{23}$	$\Phi_{46}^6\ \Phi_{23}\ \Phi_2^6\ \Phi_1^2$
1684	162	154	$\frac{4}{77}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{73}{154}$	$\Phi_{154}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
1685	162	272	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{8}{17}$	$\Phi_{272}\ \Phi_{17}\ \Phi_{16}^2\ \Phi_1^2$
1686	162	68	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{68}^2\ \Phi_{34}^2\ \Phi_{17}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
1687	162	100	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{23}{50}$	$\Phi_{100}^2\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
1688	162	161	$\frac{13}{161}$	$\frac{29}{161}$	$\frac{44}{161}$	$\frac{74}{161}$	$\Phi_{161}\ \Phi_{23}\ \Phi_7\ \Phi_1^2$
1689	162	44	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{44}^5\ \Phi_{22}^5\ \Phi_4^4\ \Phi_2^4$
1690	162	49	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{22}{49}$	$\Phi_{49}^3\ \Phi_7^5\ \Phi_1^6$
1691	162	112	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{31}{112}$	$\frac{25}{56}$	$\Phi_{112}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
1692	162	240	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{240}^2\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
1693	162	272	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{5}{17}$	$\frac{7}{16}$	$\Phi_{272}\ \Phi_{17}\ \Phi_{16}^2\ \Phi_1^2$
1694	162	112	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{112}^3\ \Phi_{28}\ \Phi_{14}$
1695	162	140	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{3}{14}$	$\frac{59}{140}$	$\Phi_{140}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
1696	162	46	$\frac{3}{23}$	$\frac{4}{23}$	$\frac{5}{23}$	$\frac{19}{46}$	$\Phi_{46}^6\ \Phi_{23}\ \Phi_2^6\ \Phi_1^2$
1697	162	65	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{4}{13}$	$\frac{2}{5}$	$\Phi_{65}^2\ \Phi_{13}^4\ \Phi_5^3\ \Phi_1^6$
1698	162	20	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{20}^{11}\ \Phi_{10}^5\ \Phi_5^6\ \Phi_4^{10}\ \Phi_2^4\ \Phi_1^6$
1699	162	44	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{4}$	$\frac{17}{44}$	$\Phi_{44}^3\ \Phi_{22}^5\ \Phi_{11}^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
1700	162	161	$\frac{11}{161}$	$\frac{37}{161}$	$\frac{50}{161}$	$\frac{62}{161}$	$\Phi_{161}\ \Phi_{23}\ \Phi_7\ \Phi_1^2$
1701	162	224	$\frac{1}{7}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{224}\ \Phi_{112}\ \Phi_{28}\ \Phi_{14}$
1702	162	190	$\frac{1}{10}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{190}\ \Phi_{95}\ \Phi_{38}$
1703	162	14	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{14}^{18}\ \Phi_7^5\ \Phi_2^{18}\ \Phi_1^6$
1704	162	23	$\frac{2}{23}$	$\frac{5}{23}$	$\frac{7}{23}$	$\frac{8}{23}$	$\Phi_{23}^7\ \Phi_1^8$
1705	162	220	$\frac{4}{55}$	$\frac{1}{4}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{220}\ \Phi_{110}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
1706	162	156	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{156}^2\ \Phi_{78}^2\ \Phi_{12}^3\ \Phi_6^3$
1707	162	246	$\frac{7}{82}$	$\frac{19}{82}$	$\frac{25}{82}$	$\frac{1}{3}$	$\Phi_{246}\ \Phi_{123}\ \Phi_6$
1708	162	60	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^4\ \Phi_{30}^5\ \Phi_{15}^5\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
1709	162	68	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{68}^2\ \Phi_{34}^2\ \Phi_{17}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
1710	162	161	$\frac{20}{161}$	$\frac{38}{161}$	$\frac{41}{161}$	$\frac{47}{161}$	$\Phi_{161}\ \Phi_{23}\ \Phi_7\ \Phi_1^2$
1711	162	220	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{1}{4}$	$\frac{16}{55}$	$\Phi_{220}\ \Phi_{110}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
1712	162	100	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{7}{25}$	$\Phi_{100}^2\ \Phi_{50}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_4^2\ \Phi_2^2$
1713	162	28	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{28}^7\ \Phi_{14}^7\ \Phi_7^6$
1714	163	312	$\frac{7}{156}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{149}{312}$	$\Phi_{312}\ \Phi_{104}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
1715	163	288	$\frac{1}{18}$	$\frac{19}{144}$	$\frac{125}{288}$	$\frac{17}{36}$	$\Phi_{288}\ \Phi_{96}\ \Phi_{36}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$
1716	163	216	$\frac{1}{18}$	$\frac{53}{216}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
1717	163	198	$\frac{2}{33}$	$\frac{35}{198}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{198}\ \Phi_{99}\ \Phi_{33}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
1718	163	300	$\frac{13}{150}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{137}{300}$	$\Phi_{300}\ \Phi_{100}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
1719	163	288	$\frac{19}{144}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{125}{288}$	$\Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
1720	163	180	$\frac{17}{180}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
1721	163	192	$\frac{29}{192}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
1722	163	264	$\frac{2}{33}$	$\frac{31}{132}$	$\frac{1}{3}$	$\frac{101}{264}$	$\Phi_{264}\ \Phi_{88}\ \Phi_{33}\ \Phi_{24}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
1723	163	252	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{126}$	$\frac{89}{252}$	$\Phi_{252}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
1724	163	225	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{62}{225}$	$\frac{1}{3}$	$\Phi_{225}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
1725	163	216	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{53}{216}$	$\frac{19}{72}$	$\Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
1726	164	240	$\frac{1}{40}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{240}\ \Phi_{80}^2\ \Phi_{48}\ \Phi_{16}^2\ \Phi_{3}\ \Phi_{1}^2$
1727	164	390	$\frac{2}{39}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{390}\ \Phi_{130}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
1728	164	280	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{280}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{10}$
1729	164	360	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{31}{72}$	$\Phi_{360}\ \Phi_{120}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
1730	164	240	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
1731	164	70	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\frac{29}{70}$	$\Phi_{70}^4\ \Phi_{35}\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_{2}^4$
1732	164	60	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
1733	164	132	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{132}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{3}\ \Phi_{1}^2$
1734	164	45	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{45}^4\ \Phi_{15}^3\ \Phi_{9}^4\ \Phi_{5}^2\ \Phi_{3}^4\ \Phi_{1}^4$
1735	164	150	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{150}\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{3}\ \Phi_{1}^2$
1736	164	48	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{48}^4\ \Phi_{24}^3\ \Phi_{16}^4\ \Phi_{12}^3\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
1737	164	270	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{270}\ \Phi_{135}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
1738	165	64	$\frac{1}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{31}{64}$	$\Phi_{64}^5\ \Phi_{8}\ \Phi_{1}$
1739	165	224	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{59}{224}$	$\frac{53}{112}$	$\Phi_{224}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
1740	165	104	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{104}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
1741	165	140	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{13}{28}$	$\Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
1742	165	420	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{13}{28}$	$\Phi_{420}\ \Phi_{84}\ \Phi_{60}\ \Phi_{28}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
1743	165	140	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{9}{20}$	$\Phi_{140}^2\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{7}^2\ \Phi_{4}^3\ \Phi_{1}^3$
1744	165	60	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{60}^2\ \Phi_{30}^4\ \Phi_{20}\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_{6}^5\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^5\ \Phi_{2}^2\ \Phi_{1}^3$
1745	165	196	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{43}{98}$	$\Phi_{196}\ \Phi_{49}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
1746	165	64	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{64}^3\ \Phi_{32}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
1747	165	96	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{4}$	$\frac{41}{96}$	$\Phi_{96}^3\ \Phi_{32}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
1748	165	41	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{8}{41}$	$\frac{17}{41}$	$\Phi_{41}^4\ \Phi_{1}^5$
1749	165	56	$\frac{3}{28}$	$\frac{5}{28}$	$\frac{1}{4}$	$\frac{23}{56}$	$\Phi_{56}^5\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}^5\ \Phi_{7}\ \Phi_{1}$
1750	165	144	$\frac{1}{16}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{144}\ \Phi_{72}\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
1751	165	16	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{16}^{10}\ \Phi_{8}^{11}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
1752	165	24	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{24}^{12}\ \Phi_{12}^3\ \Phi_{8}^9\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
1753	165	40	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{40}^5\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_{8}\ \Phi_{5}^5\ \Phi_{1}$
1754	165	64	$\frac{9}{64}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{64}^3\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
1755	165	84	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{84}\ \Phi_{42}^2\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}\ \Phi_{7}^3\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
1756	165	72	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{72}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
1757	165	105	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{2}{7}$	$\Phi_{105}^2\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
1758	165	28	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{28}^8\ \Phi_{14}^3\ \Phi_7^5\ \Phi_4^7\ \Phi_2^2\ \Phi_1^5$
1759	165	60	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{60}^3\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^5\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
1760	166	162	$\frac{2}{81}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{162}^2\ \Phi_{54}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1761	166	132	$\frac{1}{33}$	$\frac{17}{66}$	$\frac{49}{132}$	$\frac{16}{33}$	$\Phi_{132}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
1762	166	336	$\frac{1}{28}$	$\frac{29}{112}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{336}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
1763	166	160	$\frac{3}{80}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{77}{160}$	$\Phi_{160}^2\ \Phi_{32}^2\ \Phi_5\ \Phi_1^2$
1764	166	480	$\frac{3}{80}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{77}{160}$	$\Phi_{480}\ \Phi_{96}\ \Phi_{12}\ \Phi_6$
1765	166	156	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{73}{156}$	$\Phi_{156}^2\ \Phi_{52}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1766	166	150	$\frac{1}{15}$	$\frac{8}{75}$	$\frac{67}{150}$	$\frac{7}{15}$	$\Phi_{150}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1767	166	154	$\frac{6}{77}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{71}{154}$	$\Phi_{154}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
1768	166	462	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{71}{154}$	$\Phi_{462}\ \Phi_{66}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
1769	166	96	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1770	166	147	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{1}{3}$	$\frac{64}{147}$	$\Phi_{147}\ \Phi_{49}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
1771	166	144	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{3}$	$\frac{61}{144}$	$\Phi_{144}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1772	166	420	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1}{3}$	$\frac{57}{140}$	$\Phi_{420}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
1773	166	120	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{37}{120}$	$\frac{2}{5}$	$\Phi_{120}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
1774	166	90	$\frac{7}{90}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
1775	166	100	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
1776	166	135	$\frac{1}{15}$	$\frac{31}{135}$	$\frac{14}{45}$	$\frac{52}{135}$	$\Phi_{135}\ \Phi_{45}^2\ \Phi_{27}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
1777	166	120	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{37}{120}$	$\frac{23}{60}$	$\Phi_{120}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1778	166	264	$\frac{5}{88}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
1779	166	132	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{66}$	$\frac{49}{132}$	$\Phi_{132}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
1780	166	126	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{1}{3}$	$\frac{43}{126}$	$\Phi_{126}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1781	166	108	$\frac{2}{27}$	$\frac{25}{108}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1782	166	90	$\frac{7}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1783	166	120	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{120}$	$\frac{1}{3}$	$\Phi_{120}\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1784	166	108	$\frac{1}{12}$	$\frac{25}{108}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1785	166	96	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{96}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1786	166	300	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{12}\ \Phi_6$
1787	168	123	$\frac{1}{41}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{123}\ \Phi_{41}^2\ \Phi_3^2\ \Phi_1^4$
1788	168	167	$\frac{5}{167}$	$\frac{43}{167}$	$\frac{62}{167}$	$\frac{81}{167}$	$\Phi_{167}\ \Phi_1^2$
1789	168	255	$\frac{3}{85}$	$\frac{22}{85}$	$\frac{1}{3}$	$\frac{41}{85}$	$\Phi_{255}\ \Phi_{51}\ \Phi_{15}$
1790	168	135	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{13}{27}$	$\Phi_{135}\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
1791	168	108	$\frac{1}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
1792	168	167	$\frac{7}{167}$	$\frac{29}{167}$	$\frac{69}{167}$	$\frac{80}{167}$	$\Phi_{167}\ \Phi_1^2$
1793	168	276	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{11}{23}$	$\Phi_{276}\ \Phi_{92}\ \Phi_{23}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
1794	168	207	$\frac{1}{23}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{207}\ \Phi_{23}\ \Phi_9^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
1795	168	280	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{19}{40}$	$\Phi_{280}\ \Phi_{56}\ \Phi_{40}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
1796	168	120	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{120}^4\ \Phi_{24}^4\ \Phi_{15}$
1797	168	76	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{76}^3\ \Phi_{38}^3\ \Phi_4^2\ \Phi_2^2$
1798	168	167	$\frac{9}{167}$	$\frac{41}{167}$	$\frac{44}{167}$	$\frac{79}{167}$	$\Phi_{167}\ \Phi_1^2$
1799	168	51	$\frac{1}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{51}^5\ \Phi_3^4$
1800	168	143	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{6}{13}$	$\Phi_{143}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_1^4$
1801	168	273	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{273}\ \Phi_{21}^2$
1802	168	143	$\frac{1}{13}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{6}{13}$	$\Phi_{143}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_1^4$
1803	168	260	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{260}\ \Phi_{130}\ \Phi_{20}^2\ \Phi_{10}^2$
1804	168	167	$\frac{13}{167}$	$\frac{15}{167}$	$\frac{76}{167}$	$\frac{77}{167}$	$\Phi_{167}\ \Phi_1^2$
1805	168	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
1806	168	167	$\frac{17}{167}$	$\frac{23}{167}$	$\frac{48}{167}$	$\frac{75}{167}$	$\Phi_{167}\ \Phi_1^2$
1807	168	203	$\frac{3}{29}$	$\frac{1}{7}$	$\frac{8}{29}$	$\frac{13}{29}$	Φ_{203}
1808	168	167	$\frac{19}{167}$	$\frac{31}{167}$	$\frac{34}{167}$	$\frac{74}{167}$	$\Phi_{167}\ \Phi_1^2$
1809	168	215	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{1}{5}$	$\frac{19}{43}$	Φ_{215}
1810	168	200	$\frac{3}{25}$	$\frac{1}{8}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
1811	168	228	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{1}{4}$	$\frac{25}{57}$	$\Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{38}\ \Phi_{12}\ \Phi_6$
1812	168	167	$\frac{20}{167}$	$\frac{21}{167}$	$\frac{47}{167}$	$\frac{73}{167}$	$\Phi_{167}\ \Phi_1^2$
1813	168	255	$\frac{8}{85}$	$\frac{11}{85}$	$\frac{1}{3}$	$\frac{37}{85}$	$\Phi_{255}\ \Phi_{51}\ \Phi_{15}$
1814	168	70	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{10}$	$\frac{3}{7}$	$\Phi_{70}^2\ \Phi_{35}^2\ \Phi_{14}^2\ \Phi_{10}^4\ \Phi_7^3\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
1815	168	56	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{56}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^6\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
1816	168	175	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{175}\ \Phi_{25}^2\ \Phi_7\ \Phi_1^2$
1817	168	167	$\frac{17}{167}$	$\frac{25}{167}$	$\frac{48}{167}$	$\frac{71}{167}$	$\Phi_{167}\ \Phi_1^2$
1818	168	255	$\frac{7}{85}$	$\frac{13}{85}$	$\frac{1}{3}$	$\frac{36}{85}$	$\Phi_{255}\ \Phi_{51}\ \Phi_{15}$
1819	168	156	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{156}^2\ \Phi_{52}^2\ \Phi_{39}$
1820	168	276	$\frac{2}{23}$	$\frac{1}{6}$	$\frac{7}{23}$	$\frac{5}{12}$	$\Phi_{276}\ \Phi_{92}\ \Phi_{23}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
1821	168	36	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{36}^4\ \Phi_{18}^7\ \Phi_{12}^3\ \Phi_9^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
1822	168	276	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{5}{23}$	$\frac{5}{12}$	$\Phi_{276}\ \Phi_{92}\ \Phi_{23}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
1823	168	420	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{420}\ \Phi_{140}\ \Phi_{35}$
1824	168	167	$\frac{14}{167}$	$\frac{29}{167}$	$\frac{51}{167}$	$\frac{69}{167}$	$\Phi_{167}\ \Phi_1^2$
1825	168	15	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{15}^{11}\ \Phi_5^{12}\ \Phi_3^{10}\ \Phi_1^{12}$
1826	168	130	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{130}^2\ \Phi_{65}\ \Phi_{26}^2$
1827	168	45	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{2}{5}$	$\Phi_{45}^3\ \Phi_{15}^3\ \Phi_9^6\ \Phi_5^4\ \Phi_3^6\ \Phi_1^8$
1828	168	40	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{40}^5\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4$
1829	168	167	$\frac{19}{167}$	$\frac{34}{167}$	$\frac{37}{167}$	$\frac{65}{167}$	$\Phi_{167}\ \Phi_1^2$
1830	168	228	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{1}{4}$	$\frac{22}{57}$	$\Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{38}\ \Phi_{12}\ \Phi_6$
1831	168	195	$\frac{1}{15}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{195}\ \Phi_{65}\ \Phi_{39}$
1832	168	102	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{1}{3}$	$\frac{13}{34}$	$\Phi_{102}^4\ \Phi_{51}\ \Phi_6^4$
1833	168	167	$\frac{15}{167}$	$\frac{38}{167}$	$\frac{43}{167}$	$\frac{62}{167}$	$\Phi_{167}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
1834	168	200	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
1835	168	167	$\frac{20}{167}$	$\frac{27}{167}$	$\frac{49}{167}$	$\frac{59}{167}$	$\Phi_{167}\ \Phi_1^2$
1836	168	215	$\frac{4}{43}$	$\frac{1}{5}$	$\frac{13}{43}$	$\frac{15}{43}$	Φ_{215}
1837	168	167	$\frac{8}{167}$	$\frac{53}{167}$	$\frac{55}{167}$	$\frac{57}{167}$	$\Phi_{167}\ \Phi_1^2$
1838	168	255	$\frac{4}{85}$	$\frac{27}{85}$	$\frac{1}{3}$	$\frac{29}{85}$	$\Phi_{255}\ \Phi_{51}\ \Phi_{15}$
1839	168	66	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{66}^3\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_6^3\ \Phi_2^2$
1840	168	123	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{123}\ \Phi_{41}^2\ \Phi_3^2\ \Phi_1^4$
1841	168	60	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{60}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
1842	168	117	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{117}^2\ \Phi_{39}$
1843	168	123	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{123}\ \Phi_{41}^2\ \Phi_3^2\ \Phi_1^4$
1844	168	168	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{168}\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
1845	168	324	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{324}\ \Phi_{162}\ \Phi_{12}\ \Phi_6$
1846	168	207	$\frac{2}{23}$	$\frac{2}{9}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{207}\ \Phi_{23}\ \Phi_9^2\ \Phi_1^2$
1847	168	30	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{30}^8\ \Phi_{15}^9\ \Phi_6^8\ \Phi_3^8$
1848	168	51	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{51}^5\ \Phi_3^4$
1849	168	264	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
1850	168	255	$\frac{9}{85}$	$\frac{19}{85}$	$\frac{22}{85}$	$\frac{1}{3}$	$\Phi_{255}\ \Phi_{51}\ \Phi_{15}$
1851	168	36	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{36}^6\ \Phi_{18}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
1852	168	120	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^3\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^3$
1853	168	207	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{207}\ \Phi_{23}\ \Phi_9^2\ \Phi_1^2$
1854	168	315	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{315}\ \Phi_{35}$
1855	168	75	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{75}^4\ \Phi_{15}$
1856	168	76	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\frac{5}{19}$	$\Phi_{76}^3\ \Phi_{38}^3\ \Phi_4^2\ \Phi_2^2$
1857	169	228	$\frac{2}{57}$	$\frac{59}{228}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{228}\ \Phi_{76}\ \Phi_{57}\ \Phi_{19}\ \Phi_{12}\ \Phi_4\ \Phi_1$
1858	169	288	$\frac{1}{24}$	$\frac{25}{144}$	$\frac{119}{288}$	$\frac{23}{48}$	$\Phi_{288}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
1859	169	324	$\frac{7}{162}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{155}{324}$	$\Phi_{324}\ \Phi_{108}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
1860	169	320	$\frac{9}{160}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{151}{320}$	$\Phi_{320}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
1861	169	24	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{11}{24}$	$\Phi_{24}^2\ \Phi_{12}^{12}\ \Phi_8^2\ \Phi_6^{12}\ \Phi_4^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
1862	169	120	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{120}^3\ \Phi_{40}^3\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
1863	169	72	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{11}{24}$	$\Phi_{72}^6\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
1864	169	48	$\frac{1}{12}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{48}^4\ \Phi_{24}\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
1865	169	240	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{71}{240}$	$\frac{7}{16}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
1866	169	192	$\frac{23}{192}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
1867	169	210	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{41}{210}$	$\frac{29}{70}$	$\Phi_{210}\ \Phi_{105}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
1868	169	288	$\frac{1}{12}$	$\frac{25}{144}$	$\frac{11}{36}$	$\frac{119}{288}$	$\Phi_{288}\ \Phi_{96}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
1869	169	240	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{71}{240}$	$\frac{49}{120}$	$\Phi_{240}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
1870	169	280	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{140}$	$\frac{111}{280}$	$\Phi_{280}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_8\ \Phi_5\ \Phi_1$
1871	169	180	$\frac{11}{180}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
1872	169	216	$\frac{1}{12}$	$\frac{47}{216}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
1873	169	252	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{83}{252}$	$\frac{43}{126}$	$\Phi_{252}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
1874	169	15	$\frac{2}{15}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{15}^{11}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{13}$
1875	169	243	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{74}{243}$	$\frac{1}{3}$	$\Phi_{243}\ \Phi_{9}\ \Phi_{1}$
1876	169	90	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{90}^{3}\ \Phi_{45}^{3}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
1877	169	189	$\frac{20}{189}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{189}\ \Phi_{63}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
1878	169	240	$\frac{2}{15}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
1879	169	216	$\frac{7}{54}$	$\frac{47}{216}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
1880	169	18	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{5}{18}$	$\Phi_{18}^{8}\ \Phi_{9}^{8}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
1881	169	144	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{144}^{2}\ \Phi_{72}^{2}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
1882	169	16	$\frac{3}{16}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{16}^{10}\ \Phi_{8}^{10}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
1883	170	264	$\frac{1}{33}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{16}{33}$	$\Phi_{264}\ \Phi_{88}\ \Phi_{33}\ \Phi_{24}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
1884	170	288	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{15}{32}$	$\Phi_{288}\ \Phi_{96}\ \Phi_{32}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
1885	170	96	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{96}^{3}\ \Phi_{32}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
1886	170	156	$\frac{1}{13}$	$\frac{7}{78}$	$\frac{71}{156}$	$\frac{6}{13}$	$\Phi_{156}^{2}\ \Phi_{52}^{2}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
1887	170	117	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{32}{117}$	$\frac{6}{13}$	$\Phi_{117}^{2}\ \Phi_{13}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
1888	170	104	$\frac{1}{13}$	$\frac{19}{104}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{104}^{2}\ \Phi_{52}^{2}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
1889	170	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{4}{9}$	$\Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{3}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
1890	170	180	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
1891	170	330	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{330}\ \Phi_{110}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
1892	170	30	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{30}^{5}\ \Phi_{15}^{7}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
1893	170	42	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{42}^{5}\ \Phi_{21}^{3}\ \Phi_{14}^{5}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
1894	170	264	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{264}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
1895	170	60	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{60}^{4}\ \Phi_{30}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
1896	170	84	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{84}^{4}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^{4}\ \Phi_{4}^{2}$
1897	170	72	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{72}^{4}\ \Phi_{24}^{3}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
1898	170	88	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{88}^{3}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{8}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
1899	170	26	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{26}^{10}\ \Phi_{13}^{3}\ \Phi_{2}^{10}\ \Phi_{1}^{4}$
1900	170	24	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{24}^{7}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{9}\ \Phi_{4}^{6}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
1901	170	60	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
1902	170	90	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{90}^{3}\ \Phi_{45}^{2}\ \Phi_{30}\ \Phi_{18}^{3}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}^{2}$
1903	171	272	$\frac{1}{34}$	$\frac{35}{136}$	$\frac{101}{272}$	$\frac{33}{68}$	$\Phi_{272}\ \Phi_{68}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
1904	171	144	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{17}{36}$	$\Phi_{144}^{2}\ \Phi_{48}^{2}\ \Phi_{36}\ \Phi_{16}^{3}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
1905	171	36	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{36}^{5}\ \Phi_{18}^{4}\ \Phi_{12}^{5}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{7}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
1906	171	320	$\frac{11}{160}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{149}{320}$	$\Phi_{320}\ \Phi_{64}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
1907	171	80	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{23}{80}$	$\frac{9}{20}$	$\Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{20}^{3}\ \Phi_{16}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
1908	171	200	$\frac{1}{10}$	$\frac{29}{200}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
1909	171	70	$\frac{4}{35}$	$\frac{13}{70}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{70}^{2}\ \Phi_{35}^{3}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
1910	171	34	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{34}$	$\frac{15}{34}$	$\Phi_{34}^{4}\ \Phi_{17}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{7}$
1911	171	336	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{336}\ \Phi_{112}\ \Phi_{21}\ \Phi_{16}\ \Phi_{7}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
1912	171	432	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{27}$	$\frac{7}{16}$	$\Phi_{432}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
1913	171	48	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{7}{16}$	$\Phi_{48}^6\ \Phi_{24}\ \Phi_{16}^7\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
1914	171	100	$\frac{1}{10}$	$\frac{7}{50}$	$\frac{3}{10}$	$\frac{43}{100}$	$\Phi_{100}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
1915	171	100	$\frac{7}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{43}{100}$	$\Phi_{100}^3\ \Phi_{25}\ \Phi_{20}^3\ \Phi_4^3\ \Phi_1$
1916	171	80	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{23}{80}$	$\frac{17}{40}$	$\Phi_{80}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
1917	171	200	$\frac{29}{200}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{200}\ \Phi_{100}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
1918	171	160	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{160}^2\ \Phi_{32}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
1919	171	55	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{17}{55}$	$\frac{2}{5}$	$\Phi_{55}^3\ \Phi_{11}^3\ \Phi_5^4\ \Phi_1^5$
1920	171	280	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{140}$	$\frac{109}{280}$	$\Phi_{280}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_8\ \Phi_7\ \Phi_1$
1921	171	120	$\frac{1}{10}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
1922	171	30	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{30}^4\ \Phi_{15}^5\ \Phi_{10}^8\ \Phi_6^4\ \Phi_5^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^9$
1923	171	84	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
1924	171	108	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
1925	171	25	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{6}{25}$	$\frac{7}{25}$	$\Phi_{25}^7\ \Phi_5^6\ \Phi_1^7$
1926	171	24	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{24}^9\ \Phi_{12}^5\ \Phi_8^9\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
1927	172	84	$\frac{1}{42}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{84}^4\ \Phi_{28}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
1928	172	174	$\frac{1}{29}$	$\frac{15}{58}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{174}^2\ \Phi_{87}\ \Phi_6^2$
1929	172	76	$\frac{1}{19}$	$\frac{5}{38}$	$\frac{33}{76}$	$\frac{9}{19}$	$\Phi_{76}^4\ \Phi_{19}\ \Phi_4^4\ \Phi_1^2$
1930	172	57	$\frac{1}{19}$	$\frac{14}{57}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{57}^4\ \Phi_{19}\ \Phi_3^4\ \Phi_1^2$
1931	172	81	$\frac{5}{81}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{38}{81}$	$\Phi_{81}^2\ \Phi_{27}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
1932	172	80	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{80}^4\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{10}$
1933	172	54	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{11}{54}$	$\frac{4}{9}$	$\Phi_{54}^4\ \Phi_{27}^2\ \Phi_{18}^4\ \Phi_9^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
1934	172	76	$\frac{5}{38}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{33}{76}$	$\Phi_{76}^4\ \Phi_{19}\ \Phi_4^4\ \Phi_1^2$
1935	172	72	$\frac{1}{9}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{29}{72}$	$\Phi_{72}^4\ \Phi_{24}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
1936	172	54	$\frac{1}{9}$	$\frac{11}{54}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{54}^4\ \Phi_{27}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
1937	172	240	$\frac{5}{48}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
1938	172	135	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{135}$	$\frac{49}{135}$	$\Phi_{135}\ \Phi_{45}^2\ \Phi_{27}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
1939	172	330	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{330}\ \Phi_{110}\ \Phi_{55}\ \Phi_{30}\ \Phi_{10}$
1940	172	45	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{45}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
1941	172	63	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{63}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
1942	172	168	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{168}\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
1943	172	105	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^2\ \Phi_{35}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
1944	172	48	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{48}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
1945	172	147	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{147}\ \Phi_{49}^2\ \Phi_3\ \Phi_1^2$
1946	172	60	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{60}^4\ \Phi_{30}^4\ \Phi_{20}\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^4\ \Phi_3^4$
1947	172	57	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{14}{57}$	$\frac{5}{19}$	$\Phi_{57}^4\ \Phi_{19}\ \Phi_3^4\ \Phi_1^2$
1948	173	336	$\frac{5}{168}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{163}{336}$	$\Phi_{336}\ \Phi_{112}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
1949	173	320	$\frac{13}{160}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{147}{320}$	$\Phi_{320}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
1950	173	192	$\frac{19}{192}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
1951	173	224	$\frac{5}{56}$	$\frac{51}{224}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{224}\ \Phi_{112}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
1952	173	192	$\frac{19}{192}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
1953	173	264	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{132}$	$\frac{91}{264}$	$\Phi_{264}\ \Phi_{88}\ \Phi_{44}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
1954	173	240	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{67}{240}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
1955	174	280	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{27}{56}$	$\Phi_{280}\ \Phi_{56}^2\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
1956	174	168	$\frac{1}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{168}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
1957	174	378	$\frac{2}{27}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{378}\ \Phi_{126}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
1958	174	480	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{73}{160}$	$\Phi_{480}\ \Phi_{96}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
1959	174	280	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{280}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{14}$
1960	174	96	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{96}^3\ \Phi_{48}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
1961	174	462	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{3}$	$\frac{67}{154}$	$\Phi_{462}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_6$
1962	174	350	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{350}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
1963	174	252	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{252}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
1964	174	210	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{42}$	$\frac{2}{5}$	$\Phi_{210}\ \Phi_{105}\ \Phi_{42}^2\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
1965	174	160	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
1966	174	35	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{35}^5\ \Phi_7^4\ \Phi_5^6\ \Phi_1^6$
1967	174	336	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{336}\ \Phi_{112}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
1968	174	132	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{1}{3}$	$\frac{15}{44}$	$\Phi_{132}^3\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}^3\ \Phi_6$
1969	174	84	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{84}^2\ \Phi_{42}\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
1970	174	120	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\frac{1}{3}$	$\Phi_{120}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
1971	174	33	$\frac{4}{33}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{33}^5\ \Phi_{11}^6\ \Phi_3^4\ \Phi_1^6$
1972	174	96	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{96}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
1973	174	336	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
1974	174	420	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}\ \Phi_6$
1975	174	252	$\frac{1}{7}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
1976	175	136	$\frac{1}{34}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{33}{68}$	$\Phi_{136}^2\ \Phi_{68}\ \Phi_8^3\ \Phi_4\ \Phi_1$
1977	175	48	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{23}{48}$	$\Phi_{48}^7\ \Phi_{16}^7\ \Phi_{12}\ \Phi_4\ \Phi_1$
1978	175	144	$\frac{1}{24}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{144}^3\ \Phi_{48}\ \Phi_{16}\ \Phi_9\ \Phi_1$
1979	175	66	$\frac{2}{33}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{66}^2\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{11}^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
1980	175	324	$\frac{13}{162}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{149}{324}$	$\Phi_{324}\ \Phi_{108}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
1981	175	48	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{48}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
1982	175	192	$\frac{3}{32}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{192}^2\ \Phi_{64}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
1983	175	216	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{41}{216}$	$\frac{31}{72}$	$\Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
1984	175	108	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{108}^3\ \Phi_{36}^3\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
1985	175	36	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{36}$	$\frac{5}{12}$	$\Phi_{36}^7\ \Phi_{18}^7\ \Phi_{12}\ \Phi_9^7\ \Phi_4\ \Phi_1$
1986	175	192	$\frac{17}{192}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
1987	175	84	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}\ \Phi_7^3\ \Phi_4\ \Phi_1$
1988	175	96	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{32}$	$\frac{5}{12}$	$\Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
1989	175	12	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{12}^{25}\ \Phi_6^4\ \Phi_4^{25}\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
1990	175	288	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{144}$	$\frac{113}{288}$	$\Phi_{288}\ \Phi_{96}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
1991	175	408	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{16}{51}$	$\frac{3}{8}$	$\Phi_{408}\ \Phi_{51}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
1992	175	136	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{136}^2\ \Phi_{17}^2\ \Phi_8^3\ \Phi_1^3$
1993	175	24	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{24}^8\ \Phi_{12}^{10}\ \Phi_8^4\ \Phi_6^9\ \Phi_4^5\ \Phi_3^9\ \Phi_2^4\ \Phi_1^5$
1994	175	54	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{54}^2\ \Phi_{27}^3\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
1995	175	27	$\frac{2}{27}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{27}^7\ \Phi_9^5\ \Phi_3^6\ \Phi_1^7$
1996	175	36	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{36}^4\ \Phi_{18}^4\ \Phi_{12}^6\ \Phi_9^5\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
1997	175	252	$\frac{3}{28}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}\ \Phi_{126}\ \Phi_{63}\ \Phi_{28}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
1998	175	288	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{32}\ \Phi_{16}\ \Phi_9\ \Phi_1$
1999	175	18	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{18}^{12}\ \Phi_9^{13}\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
2000	175	216	$\frac{1}{6}$	$\frac{41}{216}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
2001	175	48	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
2002	176	129	$\frac{1}{43}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{129}\ \Phi_{43}^2\ \Phi_3^2\ \Phi_1^4$
2003	176	35	$\frac{1}{35}$	$\frac{9}{35}$	$\frac{13}{35}$	$\frac{17}{35}$	$\Phi_{35}^5\ \Phi_7^5\ \Phi_5^5\ \Phi_1^6$
2004	176	267	$\frac{3}{89}$	$\frac{23}{89}$	$\frac{1}{3}$	$\frac{43}{89}$	Φ_{267}
2005	176	85	$\frac{3}{85}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{41}{85}$	$\Phi_{85}^2\ \Phi_{17}^2\ \Phi_5^3\ \Phi_1^4$
2006	176	75	$\frac{1}{25}$	$\frac{13}{75}$	$\frac{31}{75}$	$\frac{12}{25}$	$\Phi_{75}^2\ \Phi_{25}^3\ \Phi_{15}^2\ \Phi_5^3\ \Phi_3^2\ \Phi_1^4$
2007	176	21	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{10}{21}$	$\Phi_{21}^8\ \Phi_7^9\ \Phi_3^8\ \Phi_1^{10}$
2008	176	105	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{105}^2\ \Phi_{35}^2\ \Phi_{15}^3\ \Phi_5^2$
2009	176	175	$\frac{9}{175}$	$\frac{23}{175}$	$\frac{76}{175}$	$\frac{83}{175}$	$\Phi_{175}\ \Phi_{35}\ \Phi_{25}\ \Phi_7\ \Phi_5\ \Phi_1^2$
2010	176	60	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{7}{15}$	$\Phi_{60}^5\ \Phi_{20}^6\ \Phi_{15}\ \Phi_{12}^5\ \Phi_5\ \Phi_4^6\ \Phi_3\ \Phi_1^2$
2011	176	15	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{15}^{12}\ \Phi_5^{11}\ \Phi_3^{12}\ \Phi_1^{12}$
2012	176	175	$\frac{13}{175}$	$\frac{32}{175}$	$\frac{47}{175}$	$\frac{81}{175}$	$\Phi_{175}\ \Phi_{35}\ \Phi_{25}\ \Phi_7\ \Phi_5\ \Phi_1^2$
2013	176	267	$\frac{7}{89}$	$\frac{12}{89}$	$\frac{1}{3}$	$\frac{41}{89}$	Φ_{267}
2014	176	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{180}^2\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
2015	176	20	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{20}^{16}\ \Phi_5^3\ \Phi_4^{16}\ \Phi_1^4$
2016	176	135	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{135}^2\ \Phi_{45}\ \Phi_{15}$
2017	176	84	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_7^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
2018	176	63	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{63}$	$\frac{3}{7}$	$\Phi_{63}^4\ \Phi_9^4\ \Phi_7\ \Phi_1^2$
2019	176	49	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{49}^4\ \Phi_7\ \Phi_1^2$
2020	176	14	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{3}{7}$	$\Phi_{14}^{16}\ \Phi_7^9\ \Phi_2^{16}\ \Phi_1^{10}$
2021	176	105	$\frac{1}{7}$	$\frac{17}{105}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{105}^2\ \Phi_{35}^2\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
2022	176	75	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{5}$	$\frac{31}{75}$	$\Phi_{75}^2\ \Phi_{25}^2\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
2023	176	204	$\frac{1}{12}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
2024	176	25	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{25}^8\ \Phi_5^3\ \Phi_1^4$
2025	176	306	$\frac{1}{17}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{306}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
2026	176	90	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{90}^4\ \Phi_{45}\ \Phi_{30}^4\ \Phi_{15}\ \Phi_{10}^4$
2027	176	175	$\frac{11}{175}$	$\frac{41}{175}$	$\frac{54}{175}$	$\frac{67}{175}$	$\Phi_{175}\ \Phi_{35}\ \Phi_{25}\ \Phi_7\ \Phi_5\ \Phi_1^2$
2028	176	267	$\frac{5}{89}$	$\frac{21}{89}$	$\frac{1}{3}$	$\frac{34}{89}$	Φ_{267}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
2029	176	272	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{272}\ \Phi_{68}\ \Phi_{34}$
2030	176	25	$\frac{3}{25}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{25}^7\ \Phi_5^7\ \Phi_1^8$
2031	176	135	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{135}$	$\frac{47}{135}$	$\Phi_{135}\ \Phi_{45}^2\ \Phi_{27}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
2032	176	69	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{69}^3\ \Phi_{23}^2$
2033	176	129	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{129}\ \Phi_{43}^2\ \Phi_3^2\ \Phi_1^4$
2034	176	60	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{60}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
2035	176	315	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{315}\ \Phi_{45}\ \Phi_{15}$
2036	176	45	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{45}^4\ \Phi_{15}^3\ \Phi_9^6\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
2037	176	210	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{210}^2\ \Phi_{105}\ \Phi_{30}^2\ \Phi_{15}^2$
2038	176	42	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{42}^7\ \Phi_{21}^4\ \Phi_{14}^2\ \Phi_7\ \Phi_6^7\ \Phi_3^4\ \Phi_2^2\ \Phi_1^2$
2039	176	15	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{15}^{16}\ \Phi_5^3\ \Phi_3^{16}\ \Phi_1^4$
2040	177	228	$\frac{2}{57}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{228}\ \Phi_{76}\ \Phi_{57}\ \Phi_{19}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
2041	177	80	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{80}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
2042	177	112	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{112}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
2043	177	320	$\frac{1}{16}$	$\frac{17}{160}$	$\frac{143}{320}$	$\frac{15}{32}$	$\Phi_{320}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
2044	177	220	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{51}{110}$	$\Phi_{220}\ \Phi_{55}\ \Phi_{44}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
2045	177	72	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{72}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
2046	177	108	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{49}{108}$	$\Phi_{108}\ \Phi_{54}^2\ \Phi_{36}\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
2047	177	320	$\frac{17}{160}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{143}{320}$	$\Phi_{320}\ \Phi_{64}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
2048	177	200	$\frac{23}{200}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
2049	177	100	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{4}$	$\frac{41}{100}$	$\Phi_{100}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
2050	177	96	$\frac{1}{16}$	$\frac{11}{48}$	$\frac{5}{16}$	$\frac{37}{96}$	$\Phi_{96}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
2051	177	96	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{4}$	$\frac{37}{96}$	$\Phi_{96}^3\ \Phi_{32}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
2052	177	256	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{79}{256}$	$\frac{49}{128}$	$\Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
2053	177	64	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
2054	177	180	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{180}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
2055	177	88	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{29}{88}$	$\frac{15}{44}$	$\Phi_{88}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^3\ \Phi_2^2\ \Phi_1^3$
2056	177	84	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{84}^3\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
2057	177	72	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{72}^3\ \Phi_{36}\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
2058	177	80	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\frac{21}{80}$	$\Phi_{80}^2\ \Phi_{40}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
2059	178	174	$\frac{2}{87}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{174}^2\ \Phi_{58}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
2060	178	120	$\frac{1}{30}$	$\frac{31}{120}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{120}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
2061	178	171	$\frac{7}{171}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{82}{171}$	$\Phi_{171}\ \Phi_{57}\ \Phi_{19}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
2062	178	510	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{81}{170}$	$\Phi_{510}\ \Phi_{102}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
2063	178	108	$\frac{1}{18}$	$\frac{19}{108}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
2064	178	168	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{79}{168}$	$\Phi_{168}^2\ \Phi_{56}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
2065	178	165	$\frac{13}{165}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{76}{165}$	$\Phi_{165}\ \Phi_{55}\ \Phi_{33}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
2066	178	162	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{73}{162}$	$\Phi_{162}^2\ \Phi_{54}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
2067	178	300	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
2068	178	480	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{3}$	$\frac{71}{160}$	$\Phi_{480}\ \Phi_{96}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
2069	178	96	$\frac{7}{96}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
2070	178	150	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{1}{3}$	$\frac{61}{150}$	$\Phi_{150}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
2071	178	144	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{1}{3}$	$\frac{55}{144}$	$\Phi_{144}^2\ \Phi_{48}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
2072	178	135	$\frac{2}{45}$	$\frac{43}{135}$	$\frac{1}{3}$	$\frac{46}{135}$	$\Phi_{135}\ \Phi_{45}^2\ \Phi_{27}\ \Phi_{15}^2\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
2073	178	108	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
2074	178	126	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{126}$	$\frac{1}{3}$	$\Phi_{126}^2\ \Phi_{63}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
2075	178	120	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{120}$	$\frac{1}{3}$	$\Phi_{120}\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
2076	180	264	$\frac{1}{44}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{264}\ \Phi_{88}^2\ \Phi_{24}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
2077	180	280	$\frac{1}{35}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{17}{35}$	$\Phi_{280}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
2078	180	145	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{14}{29}$	$\Phi_{145}\ \Phi_{29}^2\ \Phi_{5}^2\ \Phi_{1}^4$
2079	180	348	$\frac{1}{29}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{348}\ \Phi_{174}\ \Phi_{12}^2\ \Phi_{6}^2$
2080	180	179	$\frac{7}{179}$	$\frac{31}{179}$	$\frac{74}{179}$	$\frac{86}{179}$	$\Phi_{179}\ \Phi_{1}^2$
2081	180	244	$\frac{3}{61}$	$\frac{1}{4}$	$\frac{16}{61}$	$\frac{29}{61}$	$\Phi_{244}\ \Phi_{122}$
2082	180	179	$\frac{9}{179}$	$\frac{44}{179}$	$\frac{47}{179}$	$\frac{85}{179}$	$\Phi_{179}\ \Phi_{1}^2$
2083	180	304	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{9}{19}$	$\Phi_{304}\ \Phi_{19}\ \Phi_{16}^2\ \Phi_{1}^2$
2084	180	76	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
2085	180	273	$\frac{5}{91}$	$\frac{16}{91}$	$\frac{1}{3}$	$\frac{43}{91}$	$\Phi_{273}\ \Phi_{39}\ \Phi_{21}$
2086	180	153	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{8}{17}$	$\Phi_{153}\ \Phi_{51}\ \Phi_{17}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
2087	180	102	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{102}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
2088	180	179	$\frac{11}{179}$	$\frac{19}{179}$	$\frac{80}{179}$	$\frac{84}{179}$	$\Phi_{179}\ \Phi_{1}^2$
2089	180	308	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{13}{28}$	$\Phi_{308}\ \Phi_{44}\ \Phi_{28}^2\ \Phi_{11}\ \Phi_{4}^2\ \Phi_{1}^2$
2090	180	84	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{84}^6\ \Phi_{21}\ \Phi_{12}^6$
2091	180	308	$\frac{1}{14}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{13}{28}$	$\Phi_{308}\ \Phi_{44}\ \Phi_{28}^2\ \Phi_{11}\ \Phi_{4}^2\ \Phi_{1}^2$
2092	180	140	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{140}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_{5}^2$
2093	180	179	$\frac{13}{179}$	$\frac{32}{179}$	$\frac{49}{179}$	$\frac{83}{179}$	$\Phi_{179}\ \Phi_{1}^2$
2094	180	156	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{156}^2\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{12}^2\ \Phi_{6}^2$
2095	180	222	$\frac{3}{37}$	$\frac{1}{6}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{222}\ \Phi_{111}\ \Phi_{74}$
2096	180	244	$\frac{5}{61}$	$\frac{11}{61}$	$\frac{1}{4}$	$\frac{28}{61}$	$\Phi_{244}\ \Phi_{122}$
2097	180	77	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{11}$	$\Phi_{77}^2\ \Phi_{11}^3\ \Phi_{7}^4\ \Phi_{1}^6$
2098	180	132	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{132}^2\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}^4\ \Phi_{11}\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
2099	180	179	$\frac{17}{179}$	$\frac{26}{179}$	$\frac{49}{179}$	$\frac{81}{179}$	$\Phi_{179}\ \Phi_{1}^2$
2100	180	273	$\frac{9}{91}$	$\frac{10}{91}$	$\frac{1}{3}$	$\frac{41}{91}$	$\Phi_{273}\ \Phi_{39}\ \Phi_{21}$
2101	180	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{2}^2$
2102	180	153	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{4}{9}$	$\Phi_{153}\ \Phi_{51}\ \Phi_{17}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
2103	180	252	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
2104	180	179	$\frac{20}{179}$	$\frac{21}{179}$	$\frac{53}{179}$	$\frac{79}{179}$	$\Phi_{179}\ \Phi_{1}^2$
2105	180	528	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{528}\ \Phi_{33}$
2106	180	304	$\frac{1}{8}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{7}{16}$	$\Phi_{304}\ \Phi_{19}\ \Phi_{16}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
2107	180	240	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{240}^2\ \Phi_{80}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
2108	180	222	$\frac{5}{37}$	$\frac{1}{6}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{222}\ \Phi_{111}\ \Phi_{74}$
2109	180	179	$\frac{17}{179}$	$\frac{25}{179}$	$\frac{54}{179}$	$\frac{77}{179}$	$\Phi_{179}\ \Phi_1^2$
2110	180	179	$\frac{25}{179}$	$\frac{29}{179}$	$\frac{34}{179}$	$\frac{77}{179}$	$\Phi_{179}\ \Phi_1^2$
2111	180	147	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{147}^2\ \Phi_{21}$
2112	180	70	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{70}^3\ \Phi_{35}^3\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2$
2113	180	244	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{1}{4}$	$\frac{26}{61}$	$\Phi_{244}\ \Phi_{122}$
2114	180	78	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{3}$	$\frac{11}{26}$	$\Phi_{78}^6\ \Phi_{39}\ \Phi_6^6$
2115	180	217	$\frac{1}{7}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	Φ_{217}
2116	180	179	$\frac{24}{179}$	$\frac{31}{179}$	$\frac{35}{179}$	$\frac{74}{179}$	$\Phi_{179}\ \Phi_1^2$
2117	180	244	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{1}{4}$	$\frac{25}{61}$	$\Phi_{244}\ \Phi_{122}$
2118	180	179	$\frac{14}{179}$	$\frac{33}{179}$	$\frac{53}{179}$	$\frac{73}{179}$	$\Phi_{179}\ \Phi_1^2$
2119	180	273	$\frac{6}{91}$	$\frac{17}{91}$	$\frac{1}{3}$	$\frac{37}{91}$	$\Phi_{273}\ \Phi_{39}\ \Phi_{21}$
2120	180	240	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
2121	180	145	$\frac{2}{29}$	$\frac{1}{5}$	$\frac{9}{29}$	$\frac{2}{5}$	$\Phi_{145}\ \Phi_{29}^2\ \Phi_5^2\ \Phi_1^4$
2122	180	220	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{220}\ \Phi_{110}\ \Phi_{44}^2\ \Phi_{22}^2$
2123	180	145	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{145}\ \Phi_{29}^2\ \Phi_5^2\ \Phi_1^4$
2124	180	210	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
2125	180	179	$\frac{11}{179}$	$\frac{41}{179}$	$\frac{56}{179}$	$\frac{69}{179}$	$\Phi_{179}\ \Phi_1^2$
2126	180	208	$\frac{1}{16}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
2127	180	456	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{456}\ \Phi_{57}$
2128	180	280	$\frac{2}{35}$	$\frac{1}{4}$	$\frac{11}{35}$	$\frac{3}{8}$	$\Phi_{280}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
2129	180	104	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{104}^3\ \Phi_{52}\ \Phi_{26}$
2130	180	280	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
2131	180	40	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{40}^7\ \Phi_{10}^4\ \Phi_8^8\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
2132	180	56	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{56}^5\ \Phi_8^6\ \Phi_7^5\ \Phi_1^6$
2133	180	209	$\frac{1}{11}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	Φ_{209}
2134	180	179	$\frac{19}{179}$	$\frac{32}{179}$	$\frac{49}{179}$	$\frac{65}{179}$	$\Phi_{179}\ \Phi_1^2$
2135	180	179	$\frac{23}{179}$	$\frac{26}{179}$	$\frac{51}{179}$	$\frac{64}{179}$	$\Phi_{179}\ \Phi_1^2$
2136	180	217	$\frac{4}{31}$	$\frac{1}{7}$	$\frac{9}{31}$	$\frac{11}{31}$	Φ_{217}
2137	180	222	$\frac{4}{37}$	$\frac{1}{6}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{222}\ \Phi_{111}\ \Phi_{74}$
2138	180	179	$\frac{14}{179}$	$\frac{39}{179}$	$\frac{55}{179}$	$\frac{62}{179}$	$\Phi_{179}\ \Phi_1^2$
2139	180	244	$\frac{4}{61}$	$\frac{1}{4}$	$\frac{19}{61}$	$\frac{21}{61}$	$\Phi_{244}\ \Phi_{122}$
2140	180	179	$\frac{8}{179}$	$\frac{57}{179}$	$\frac{59}{179}$	$\frac{61}{179}$	$\Phi_{179}\ \Phi_1^2$
2141	180	273	$\frac{4}{91}$	$\frac{29}{91}$	$\frac{1}{3}$	$\frac{31}{91}$	$\Phi_{273}\ \Phi_{39}\ \Phi_{21}$
2142	180	66	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
2143	180	48	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^6\ \Phi_{12}^2\ \Phi_8^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
2144	180	33	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{33}^4\ \Phi_{11}^8\ \Phi_3^5\ \Phi_1^{10}$
2145	180	30	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{30}^7\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_6^3\ \Phi_5^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
2146	180	348	$\frac{2}{29}$	$\frac{1}{4}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{348}\ \Phi_{174}\ \Phi_{12}^2\ \Phi_6^2$
2147	180	39	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{39}^7\ \Phi_3^6$
2148	180	102	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{102}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
2149	180	21	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{21}^{13}\ \Phi_3^{12}$
2150	180	273	$\frac{11}{91}$	$\frac{16}{91}$	$\frac{25}{91}$	$\frac{1}{3}$	$\Phi_{273}\ \Phi_{39}\ \Phi_{21}$
2151	180	270	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{270}\ \Phi_{135}\ \Phi_{54}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
2152	180	132	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^2\ \Phi_{66}^2\ \Phi_{33}^3$
2153	180	348	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{348}\ \Phi_{174}\ \Phi_{12}^2\ \Phi_6^2$
2154	180	84	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^3\ \Phi_{42}\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2$
2155	180	168	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2$
2156	180	77	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{2}{7}$	$\Phi_{77}^2\ \Phi_{11}^3\ \Phi_7^4\ \Phi_1^6$
2157	180	140	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{140}^2\ \Phi_{70}^2\ \Phi_{20}^3\ \Phi_{10}^3$
2158	180	179	$\frac{26}{179}$	$\frac{32}{179}$	$\frac{49}{179}$	$\frac{51}{179}$	$\Phi_{179}\ \Phi_1^2$
2159	180	230	$\frac{7}{46}$	$\frac{1}{5}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{230}\ \Phi_{115}\ \Phi_{10}$
2160	180	179	$\frac{29}{179}$	$\frac{34}{179}$	$\frac{43}{179}$	$\frac{50}{179}$	$\Phi_{179}\ \Phi_1^2$
2161	180	244	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{1}{4}$	$\frac{17}{61}$	$\Phi_{244}\ \Phi_{122}$
2162	180	132	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{132}^2\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}^4\ \Phi_{11}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
2163	180	222	$\frac{1}{6}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{222}\ \Phi_{111}\ \Phi_{74}$
2164	180	179	$\frac{27}{179}$	$\frac{38}{179}$	$\frac{44}{179}$	$\frac{47}{179}$	$\Phi_{179}\ \Phi_1^2$
2165	180	244	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{1}{4}$	$\frac{16}{61}$	$\Phi_{244}\ \Phi_{122}$
2166	180	76	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
2167	180	60	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{60}^4\ \Phi_{30}^5\ \Phi_{20}^2\ \Phi_{15}^5\ \Phi_{10}^3\ \Phi_5^2$
2168	181	288	$\frac{1}{36}$	$\frac{37}{144}$	$\frac{107}{288}$	$\frac{35}{72}$	$\Phi_{288}\ \Phi_{96}\ \Phi_{72}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
2169	181	352	$\frac{5}{176}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{171}{352}$	$\Phi_{352}\ \Phi_{32}\ \Phi_8\ \Phi_1$
2170	181	320	$\frac{1}{20}$	$\frac{21}{160}$	$\frac{139}{320}$	$\frac{19}{40}$	$\Phi_{320}\ \Phi_{64}\ \Phi_{40}\ \Phi_8\ \Phi_1$
2171	181	240	$\frac{1}{20}$	$\frac{59}{240}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
2172	181	336	$\frac{13}{168}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{155}{336}$	$\Phi_{336}\ \Phi_{112}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
2173	181	324	$\frac{1}{9}$	$\frac{19}{162}$	$\frac{8}{27}$	$\frac{143}{324}$	$\Phi_{324}\ \Phi_{108}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
2174	181	252	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{71}{252}$	$\frac{55}{126}$	$\Phi_{252}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
2175	181	264	$\frac{5}{88}$	$\frac{1}{4}$	$\frac{83}{264}$	$\frac{3}{8}$	$\Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
2176	181	192	$\frac{11}{192}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
2177	181	288	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{144}$	$\frac{107}{288}$	$\Phi_{288}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
2178	181	216	$\frac{1}{9}$	$\frac{35}{216}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
2179	181	243	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{62}{243}$	$\frac{8}{27}$	$\Phi_{243}\ \Phi_{27}\ \Phi_1$
2180	182	528	$\frac{3}{88}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{85}{176}$	$\Phi_{528}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
2181	182	300	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{12}{25}$	$\Phi_{300}\ \Phi_{100}\ \Phi_{60}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
2182	182	225	$\frac{1}{25}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{225}\ \Phi_{45}\ \Phi_{25}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
2183	182	312	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{6}{13}$	$\Phi_{312}\ \Phi_{104}\ \Phi_{24}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
2184	182	195	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{195}\ \Phi_{65}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_5^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
2185	182	234	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{6}{13}$	$\Phi_{234}\ \Phi_{117}\ \Phi_{18}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_1^2$
2186	182	208	$\frac{1}{13}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{208}\ \Phi_{104}\ \Phi_{16}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
2187	182	24	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{24}^7\ \Phi_{12}^9\ \Phi_8^6\ \Phi_6^9\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
2188	182	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{72}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
2189	182	84	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{84}^4\ \Phi_{42}\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
2190	182	60	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{60}^5\ \Phi_{20}^5\ \Phi_{15}^2\ \Phi_{12}^6\ \Phi_5\ \Phi_4^6\ \Phi_3^2\ \Phi_1^2$
2191	182	70	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{70}^3\ \Phi_{35}^3\ \Phi_{14}^2\ \Phi_{10}\ \Phi_7^2\ \Phi_5^2\ \Phi_1^2$
2192	182	96	$\frac{5}{96}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
2193	182	138	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{1}{3}$	$\frac{47}{138}$	$\Phi_{138}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_6^2\ \Phi_2^2$
2194	182	126	$\frac{1}{14}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{126}^2\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_6$
2195	182	120	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
2196	182	132	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{132}$	$\frac{1}{3}$	$\Phi_{132}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
2197	182	72	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{72}^4\ \Phi_{36}^4\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
2198	182	48	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{48}^7\ \Phi_{24}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
2199	182	45	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{45}^5\ \Phi_{15}^2\ \Phi_9^6\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
2200	183	104	$\frac{1}{26}$	$\frac{9}{52}$	$\frac{43}{104}$	$\frac{25}{52}$	$\Phi_{104}^3\ \Phi_{52}\ \Phi_8^3\ \Phi_4\ \Phi_1$
2201	183	112	$\frac{1}{14}$	$\frac{5}{56}$	$\frac{51}{112}$	$\frac{13}{28}$	$\Phi_{112}^3\ \Phi_{28}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
2202	183	84	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{23}{84}$	$\frac{13}{28}$	$\Phi_{84}^3\ \Phi_{42}^3\ \Phi_{28}\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
2203	183	224	$\frac{1}{14}$	$\frac{41}{224}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{224}\ \Phi_{112}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_4\ \Phi_1$
2204	183	112	$\frac{5}{56}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{51}{112}$	$\Phi_{112}^3\ \Phi_{16}^3\ \Phi_7^2\ \Phi_1^3$
2205	183	84	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{23}{84}$	$\frac{19}{42}$	$\Phi_{84}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
2206	183	104	$\frac{1}{13}$	$\frac{9}{52}$	$\frac{4}{13}$	$\frac{43}{104}$	$\Phi_{104}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_1^3$
2207	183	260	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{77}{260}$	$\frac{53}{130}$	$\Phi_{260}\ \Phi_{65}\ \Phi_{52}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
2208	183	70	$\frac{9}{70}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{70}^3\ \Phi_{35}^3\ \Phi_{10}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
2209	183	78	$\frac{1}{13}$	$\frac{17}{78}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{78}^3\ \Phi_{39}^3\ \Phi_{13}^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
2210	183	91	$\frac{4}{91}$	$\frac{29}{91}$	$\frac{30}{91}$	$\frac{31}{91}$	$\Phi_{91}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_1^3$
2211	183	84	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{23}{84}$	$\frac{2}{7}$	$\Phi_{84}^3\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
2212	184	45	$\frac{1}{45}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{45}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
2213	184	183	$\frac{5}{183}$	$\frac{47}{183}$	$\frac{68}{183}$	$\frac{89}{183}$	$\Phi_{183}\ \Phi_{61}\ \Phi_3\ \Phi_1^2$
2214	184	93	$\frac{1}{31}$	$\frac{8}{31}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{93}^3\ \Phi_3^2$
2215	184	308	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{21}{44}$	$\Phi_{308}\ \Phi_{44}^2\ \Phi_{28}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
2216	184	660	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{660}\ \Phi_{60}\ \Phi_{15}$
2217	184	126	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{126}^3\ \Phi_{42}^2\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
2218	184	288	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{288}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
2219	184	231	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{10}{33}$	$\frac{3}{7}$	$\Phi_{231}\ \Phi_{33}^2\ \Phi_{21}\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
2220	184	360	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{360}\ \Phi_{120}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
2221	184	36	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{36}^8\ \Phi_{18}^3\ \Phi_{12}^8\ \Phi_9^2\ \Phi_6^2\ \Phi_4^8\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
2222	184	24	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{24}^8\ \Phi_{12}^8\ \Phi_8^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
2223	184	135	$\frac{2}{45}$	$\frac{43}{135}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{135}^2\ \Phi_{27}^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
2224	184	30	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{30}^8\ \Phi_{15}^4\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^4\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
2225	184	99	$\frac{7}{99}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{99}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
2226	184	75	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{75}^2\ \Phi_{25}^4\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
2227	184	27	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{27}^8\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
2228	184	105	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
2229	184	165	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{165}\ \Phi_{55}^2\ \Phi_{15}^2\ \Phi_5^2$
2230	184	93	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{8}{31}$	$\frac{1}{3}$	$\Phi_{93}^3\ \Phi_3^2$
2231	184	61	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{15}{61}$	$\frac{16}{61}$	$\Phi_{61}^3\ \Phi_1^4$
2232	185	72	$\frac{1}{36}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{35}{72}$	$\Phi_{72}\ \Phi_{36}^4\ \Phi_{24}\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
2233	185	352	$\frac{9}{176}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{167}{352}$	$\Phi_{352}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
2234	185	336	$\frac{17}{168}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{151}{336}$	$\Phi_{336}\ \Phi_{112}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
2235	185	256	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{71}{256}$	$\frac{57}{128}$	$\Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
2236	185	45	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{45}^4\ \Phi_{15}^4\ \Phi_9^5\ \Phi_5^3\ \Phi_3^5\ \Phi_1^5$
2237	185	64	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{7}{32}$	$\frac{27}{64}$	$\Phi_{64}^5\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
2238	185	312	$\frac{2}{39}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{312}\ \Phi_{104}\ \Phi_{39}\ \Phi_{13}\ \Phi_8\ \Phi_1$
2239	185	216	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{54}$	$\frac{3}{8}$	$\Phi_{216}^2\ \Phi_{54}\ \Phi_{27}\ \Phi_8\ \Phi_1$
2240	185	40	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{40}^5\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_8^2\ \Phi_5^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
2241	185	48	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{48}^5\ \Phi_{24}\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
2242	185	360	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}\ \Phi_{120}\ \Phi_{45}\ \Phi_{40}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
2243	185	168	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
2244	185	288	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{144}$	$\frac{103}{288}$	$\Phi_{288}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
2245	185	276	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{91}{276}$	$\frac{47}{138}$	$\Phi_{276}\ \Phi_{92}\ \Phi_{69}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
2246	185	51	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{14}{51}$	$\frac{1}{3}$	$\Phi_{51}^3\ \Phi_{17}^5\ \Phi_3^2\ \Phi_1^5$
2247	186	148	$\frac{1}{37}$	$\frac{19}{74}$	$\frac{55}{148}$	$\frac{18}{37}$	$\Phi_{148}^2\ \Phi_{37}\ \Phi_4^2\ \Phi_1^2$
2248	186	60	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{29}{60}$	$\Phi_{60}^6\ \Phi_{20}^6\ \Phi_{12}^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
2249	186	60	$\frac{1}{30}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{60}^2\ \Phi_{30}^4\ \Phi_{20}^2\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
2250	186	84	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{84}^3\ \Phi_{42}\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
2251	186	56	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{56}^6\ \Phi_{28}\ \Phi_{14}\ \Phi_8^6$
2252	186	36	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{36}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^6\ \Phi_6^5\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
2253	186	37	$\frac{5}{37}$	$\frac{6}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{37}^5\ \Phi_1^6$
2254	186	140	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{140}^2\ \Phi_{70}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}^2$
2255	186	108	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{4}$	$\frac{23}{54}$	$\Phi_{108}^2\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{18}\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
2256	186	165	$\frac{2}{33}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{165}\ \Phi_{55}\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
2257	186	45	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{14}{45}$	$\frac{2}{5}$	$\Phi_{45}^6\ \Phi_9^6\ \Phi_5\ \Phi_1^2$
2258	186	100	$\frac{7}{100}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
2259	186	40	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{40}$	$\frac{2}{5}$	$\Phi_{40}^6\ \Phi_{20}^6\ \Phi_8^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
2260	186	35	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{35}^6\ \Phi_7^6\ \Phi_5\ \Phi_1^2$
2261	186	180	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
2262	186	336	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{336}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
2263	186	37	$\frac{4}{37}$	$\frac{6}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{37}^5\ \Phi_1^6$
2264	186	132	$\frac{2}{33}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{12}\ \Phi_6$
2265	186	180	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
2266	186	120	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^3\ \Phi_{60}\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
2267	186	420	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}\ \Phi_6$
2268	186	300	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{50}\ \Phi_{12}\ \Phi_6$
2269	186	36	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{36}^6\ \Phi_{18}^6\ \Phi_{12}^3\ \Phi_9^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
2270	186	324	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{324}\ \Phi_{162}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
2271	186	37	$\frac{6}{37}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{37}^5\ \Phi_1^6$
2272	186	84	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\frac{11}{42}$	$\Phi_{84}^4\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
2273	187	252	$\frac{2}{63}$	$\frac{65}{252}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{252}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
2274	187	360	$\frac{7}{180}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{173}{360}$	$\Phi_{360}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
2275	187	360	$\frac{7}{180}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{173}{360}$	$\Phi_{360}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
2276	187	21	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{21}^9\ \Phi_7^9\ \Phi_3^8\ \Phi_1^9$
2277	187	160	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{15}{32}$	$\Phi_{160}^2\ \Phi_{32}^3\ \Phi_{20}\ \Phi_4\ \Phi_1$
2278	187	480	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{15}{32}$	$\Phi_{480}\ \Phi_{96}\ \Phi_{32}\ \Phi_{15}\ \Phi_3\ \Phi_1$
2279	187	216	$\frac{2}{27}$	$\frac{29}{216}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
2280	187	210	$\frac{2}{21}$	$\frac{23}{210}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
2281	187	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{9}{20}$	$\Phi_{120}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
2282	187	20	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{20}^{10}\ \Phi_{10}^9\ \Phi_5^9\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
2283	187	336	$\frac{2}{21}$	$\frac{19}{168}$	$\frac{1}{3}$	$\frac{149}{336}$	$\Phi_{336}\ \Phi_{112}\ \Phi_{48}\ \Phi_{21}\ \Phi_{16}\ \Phi_7\ \Phi_1$
2284	187	336	$\frac{19}{168}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{149}{336}$	$\Phi_{336}\ \Phi_{112}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
2285	187	60	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{60}^3\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^3\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
2286	187	324	$\frac{2}{27}$	$\frac{25}{162}$	$\frac{1}{3}$	$\frac{137}{324}$	$\Phi_{324}\ \Phi_{108}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
2287	187	24	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{24}^{11}\ \Phi_{12}^5\ \Phi_8^{11}\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
2288	187	240	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{53}{240}$	$\frac{5}{12}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
2289	187	216	$\frac{29}{216}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
2290	187	18	$\frac{1}{18}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{18}^{10}\ \Phi_9^{11}\ \Phi_6^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
2291	187	144	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{144}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
2292	187	288	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{144}$	$\frac{101}{288}$	$\Phi_{288}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
2293	187	243	$\frac{2}{27}$	$\frac{56}{243}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{243}\ \Phi_{27}\ \Phi_9\ \Phi_1$
2294	187	270	$\frac{7}{90}$	$\frac{2}{9}$	$\frac{83}{270}$	$\frac{1}{3}$	$\Phi_{270}\ \Phi_{135}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
2295	187	252	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{65}{252}$	$\frac{1}{3}$	$\Phi_{252}\ \Phi_{126}\ \Phi_{63}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_1$
2296	187	216	$\frac{29}{216}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
2297	187	225	$\frac{7}{45}$	$\frac{38}{225}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{225}\ \Phi_{75}\ \Phi_{25}\ \Phi_9\ \Phi_1$
2298	187	120	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{7}{24}$	$\Phi_{120}\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
2299	187	60	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{60}^4\ \Phi_{30}^4\ \Phi_{20}\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^4\ \Phi_5\ \Phi_3^5\ \Phi_1$
2300	188	276	$\frac{1}{46}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{276}\ \Phi_{92}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
2301	188	90	$\frac{2}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{90}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
2302	188	57	$\frac{1}{19}$	$\frac{10}{57}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{57}^3\ \Phi_{19}^4\ \Phi_3^2\ \Phi_1^4$
2303	188	85	$\frac{1}{17}$	$\frac{9}{85}$	$\frac{38}{85}$	$\frac{8}{17}$	$\Phi_{85}^2\ \Phi_{17}^3\ \Phi_5^2\ \Phi_1^4$
2304	188	320	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{320}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
2305	188	88	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{41}{88}$	$\Phi_{88}^4\ \Phi_{11}\ \Phi_8^4\ \Phi_1^2$
2306	188	440	$\frac{3}{44}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{440}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
2307	188	66	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{19}{66}$	$\frac{5}{11}$	$\Phi_{66}^4\ \Phi_{33}^4\ \Phi_{11}\ \Phi_6^4\ \Phi_3^4\ \Phi_1^2$
2308	188	55	$\frac{1}{11}$	$\frac{8}{55}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{55}^4\ \Phi_{11}\ \Phi_5^4\ \Phi_1^2$
2309	188	420	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{37}{84}$	$\Phi_{420}\ \Phi_{140}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
2310	188	165	$\frac{1}{11}$	$\frac{23}{165}$	$\frac{10}{33}$	$\frac{71}{165}$	$\Phi_{165}\ \Phi_{55}\ \Phi_{33}^2\ \Phi_{15}\ \Phi_{11}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
2311	188	66	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{19}{66}$	$\frac{14}{33}$	$\Phi_{66}^4\ \Phi_{33}^2\ \Phi_{22}^4\ \Phi_{11}\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^2$
2312	188	80	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{5}$	$\frac{33}{80}$	$\Phi_{80}^4\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{10}$
2313	188	51	$\frac{4}{51}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{51}^4\ \Phi_{17}^3\ \Phi_3^4\ \Phi_1^4$
2314	188	150	$\frac{3}{50}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{150}^2\ \Phi_{75}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
2315	188	153	$\frac{1}{17}$	$\frac{35}{153}$	$\frac{16}{51}$	$\frac{59}{153}$	$\Phi_{153}\ \Phi_{51}^2\ \Phi_{17}\ \Phi_9\ \Phi_3^2\ \Phi_1^2$
2316	188	68	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{21}{68}$	$\frac{13}{34}$	$\Phi_{68}^4\ \Phi_{17}^3\ \Phi_4^4\ \Phi_1^4$
2317	188	228	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{1}{3}$	$\frac{29}{76}$	$\Phi_{228}^2\ \Phi_{57}\ \Phi_{12}^2$
2318	188	360	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{360}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
2319	188	69	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{69}^3\ \Phi_{23}^2\ \Phi_3^4\ \Phi_1^4$
2320	188	135	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{135}$	$\frac{1}{3}$	$\Phi_{135}^2\ \Phi_{27}^2\ \Phi_{15}$
2321	188	105	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{105}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^2$
2322	188	270	$\frac{7}{54}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
2323	188	60	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{60}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
2324	189	368	$\frac{5}{184}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{179}{368}$	$\Phi_{368}\ \Phi_{16}\ \Phi_8\ \Phi_1$
2325	189	156	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{25}{52}$	$\Phi_{78}^2\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
2326	189	468	$\frac{1}{26}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{468}\ \Phi_{52}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
2327	189	256	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{67}{256}$	$\frac{61}{128}$	$\Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
2328	189	80	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{19}{40}$	$\Phi_{80}^4\ \Phi_{40}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
2329	189	40	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{40}^9\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
2330	189	352	$\frac{13}{176}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{163}{352}$	$\Phi_{352}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
2331	189	80	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{10}$	$\frac{7}{16}$	$\Phi_{80}^4\ \Phi_{16}^5\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
2332	189	16	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{16}^{21}\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
2333	189	400	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{400}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
2334	189	156	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{4}{13}$	$\frac{5}{12}$	$\Phi_{156}^2\ \Phi_{52}^2\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
2335	189	60	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{60}^2\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}\ \Phi_{10}^5\ \Phi_6^2\ \Phi_5^5\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
2336	189	320	$\frac{3}{32}$	$\frac{29}{160}$	$\frac{1}{4}$	$\frac{131}{320}$	$\Phi_{320}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
2337	189	32	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{32}^7\ \Phi_{16}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
2338	189	56	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{56}^4\ \Phi_{28}^4\ \Phi_{14}\ \Phi_8^3\ \Phi_7^3\ \Phi_4^3\ \Phi_1^3$
2339	189	32	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{32}^9\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
2340	189	117	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{117}^2\ \Phi_{13}^2\ \Phi_9^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
2341	189	180	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^2\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
2342	189	20	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{20}^8\ \Phi_{10}^{10}\ \Phi_5^{10}\ \Phi_4^{10}\ \Phi_2^{12}\ \Phi_1^{13}$
2343	189	47	$\frac{5}{47}$	$\frac{11}{47}$	$\frac{12}{47}$	$\frac{14}{47}$	$\Phi_{47}^4\ \Phi_1^5$
2344	189	64	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{1}{4}$	$\frac{19}{64}$	$\Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
2345	189	8	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_8^{27}\ \Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^{21}$
2346	189	80	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{80}^3\ \Phi_{40}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
2347	189	100	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
2348	190	186	$\frac{2}{93}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{91}{186}$	$\Phi_{186}^2\ \Phi_{62}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
2349	190	296	$\frac{1}{37}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{18}{37}$	$\Phi_{296}\ \Phi_{37}\ \Phi_8^2\ \Phi_1^2$
2350	190	384	$\frac{1}{32}$	$\frac{33}{128}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{384}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
2351	190	552	$\frac{3}{92}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{89}{184}$	$\Phi_{552}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
2352	190	162	$\frac{1}{27}$	$\frac{14}{81}$	$\frac{67}{162}$	$\frac{13}{27}$	$\Phi_{162}^2\ \Phi_{54}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
2353	190	182	$\frac{4}{91}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{87}{182}$	$\Phi_{182}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
2354	190	168	$\frac{1}{21}$	$\frac{11}{84}$	$\frac{73}{168}$	$\frac{10}{21}$	$\Phi_{168}^2\ \Phi_{56}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_8^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
2355	190	126	$\frac{1}{21}$	$\frac{31}{126}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{126}^2\ \Phi_{63}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
2356	190	36	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{17}{36}$	$\Phi_{36}^{10}\ \Phi_{12}^{10}\ \Phi_9\ \Phi_4^{10}\ \Phi_3\ \Phi_1^2$
2357	190	36	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{36}^{10}\ \Phi_{12}^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
2358	190	78	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{78}^3\ \Phi_{39}^3\ \Phi_{26}\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
2359	190	528	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{81}{176}$	$\Phi_{528}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
2360	190	35	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{16}{35}$	$\Phi_{35}^5\ \Phi_7^7\ \Phi_5^5\ \Phi_1^8$
2361	190	63	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{63}^3\ \Phi_{21}^4\ \Phi_9\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
2362	190	27	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{4}{9}$	$\Phi_{27}^{10}\ \Phi_9\ \Phi_3\ \Phi_1^2$
2363	190	108	$\frac{1}{9}$	$\frac{13}{108}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
2364	190	72	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{4}{9}$	$\Phi_{72}^3\ \Phi_{36}^3\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_9\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
2365	190	168	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{3}$	$\frac{73}{168}$	$\Phi_{168}^2\ \Phi_{56}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
2366	190	168	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{73}{168}$	$\Phi_{168}^2\ \Phi_{56}^2\ \Phi_{24}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
2367	190	21	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{21}^{10}\ \Phi_7^7\ \Phi_3^{10}\ \Phi_1^8$
2368	190	27	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{8}{27}$	$\frac{11}{27}$	$\Phi_{27}^7\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
2369	190	96	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{1}{3}$	$\frac{13}{32}$	$\Phi_{96}^5\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
2370	190	352	$\frac{1}{11}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{352}\ \Phi_{44}\ \Phi_{22}$
2371	190	112	$\frac{1}{7}$	$\frac{17}{112}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{112}^2\ \Phi_{56}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
2372	190	120	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{120}^4\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
2373	190	264	$\frac{1}{11}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
2374	190	330	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{330}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{22}$
2375	190	147	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{147}$	$\frac{52}{147}$	$\Phi_{147}\ \Phi_{49}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
2376	190	144	$\frac{1}{24}$	$\frac{23}{72}$	$\frac{1}{3}$	$\frac{49}{144}$	$\Phi_{144}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
2377	190	42	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{42}^6\ \Phi_{21}^4\ \Phi_{14}^6\ \Phi_7^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
2378	190	54	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{54}^6\ \Phi_{27}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
2379	190	108	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
2380	190	90	$\frac{7}{45}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{90}^3\ \Phi_{45}^2\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
2381	190	24	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{24}^{10}\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
2382	190	27	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{8}{27}$	$\Phi_{27}^6\ \Phi_9^9\ \Phi_3^9\ \Phi_1^{10}$
2383	190	126	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{31}{126}$	$\frac{11}{42}$	$\Phi_{126}^2\ \Phi_{63}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
2384	191	304	$\frac{1}{38}$	$\frac{39}{152}$	$\frac{113}{304}$	$\frac{37}{76}$	$\Phi_{304}\ \Phi_{76}\ \Phi_{16}\ \Phi_4\ \Phi_1$
2385	191	360	$\frac{11}{180}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{169}{360}$	$\Phi_{360}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
2386	191	360	$\frac{11}{180}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{169}{360}$	$\Phi_{360}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
2387	191	260	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{69}{260}$	$\frac{61}{130}$	$\Phi_{260}\ \Phi_{65}\ \Phi_{52}\ \Phi_{20}\ \Phi_{13}\ \Phi_4\ \Phi_1$
2388	191	240	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{49}{240}$	$\frac{9}{20}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
2389	191	320	$\frac{1}{10}$	$\frac{31}{160}$	$\frac{9}{40}$	$\frac{129}{320}$	$\Phi_{320}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
2390	191	240	$\frac{1}{10}$	$\frac{49}{240}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
2391	191	210	$\frac{19}{210}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_7\ \Phi_3\ \Phi_1$
2392	191	300	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{150}$	$\frac{109}{300}$	$\Phi_{300}\ \Phi_{100}\ \Phi_{60}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
2393	191	270	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{79}{270}$	$\Phi_{270}\ \Phi_{135}\ \Phi_{54}\ \Phi_{27}\ \Phi_{15}\ \Phi_3\ \Phi_1$
2394	191	225	$\frac{34}{225}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{225}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
2395	191	240	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{49}{240}$	$\frac{4}{15}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
2396	192	141	$\frac{1}{47}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{141}\ \Phi_{47}^2\ \Phi_3^2\ \Phi_1^4$
2397	192	191	$\frac{5}{191}$	$\frac{49}{191}$	$\frac{71}{191}$	$\frac{93}{191}$	$\Phi_{191}\ \Phi_1^2$
2398	192	291	$\frac{3}{97}$	$\frac{25}{97}$	$\frac{1}{3}$	$\frac{47}{97}$	Φ_{291}
2399	192	155	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{15}{31}$	$\Phi_{155}\ \Phi_{31}^2\ \Phi_5^2\ \Phi_1^4$
2400	192	372	$\frac{1}{31}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{372}\ \Phi_{186}\ \Phi_{12}^2\ \Phi_6^2$
2401	192	191	$\frac{7}{191}$	$\frac{33}{191}$	$\frac{79}{191}$	$\frac{92}{191}$	$\Phi_{191}\ \Phi_1^2$
2402	192	161	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{11}{23}$	$\Phi_{161}\ \Phi_{23}^2\ \Phi_7^2\ \Phi_1^4$
2403	192	345	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{345}\ \Phi_{15}^2$
2404	192	260	$\frac{3}{65}$	$\frac{1}{4}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{260}\ \Phi_{130}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
2405	192	191	$\frac{9}{191}$	$\frac{25}{191}$	$\frac{83}{191}$	$\frac{91}{191}$	$\Phi_{191}\ \Phi_1^2$
2406	192	191	$\frac{9}{191}$	$\frac{47}{191}$	$\frac{50}{191}$	$\frac{91}{191}$	$\Phi_{191}\ \Phi_1^2$
2407	192	291	$\frac{5}{97}$	$\frac{17}{97}$	$\frac{1}{3}$	$\frac{46}{97}$	Φ_{291}
2408	192	245	$\frac{3}{49}$	$\frac{1}{5}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{245}\ \Phi_{35}$
2409	192	165	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{7}{15}$	$\Phi_{165}\ \Phi_{55}\ \Phi_{33}\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
2410	192	105	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{105}^2\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_7^2$
2411	192	165	$\frac{1}{15}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{7}{15}$	$\Phi_{165}\ \Phi_{55}\ \Phi_{33}\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
2412	192	60	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{60}^4\ \Phi_{30}^4\ \Phi_{20}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
2413	192	191	$\frac{13}{191}$	$\frac{17}{191}$	$\frac{87}{191}$	$\frac{89}{191}$	$\Phi_{191}\ \Phi_1^2$
2414	192	191	$\frac{13}{191}$	$\frac{35}{191}$	$\frac{51}{191}$	$\frac{89}{191}$	$\Phi_{191}\ \Phi_1^2$
2415	192	291	$\frac{7}{97}$	$\frac{13}{97}$	$\frac{1}{3}$	$\frac{45}{97}$	Φ_{291}
2416	192	156	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{26}\ \Phi_{12}^2\ \Phi_6^2$
2417	192	191	$\frac{17}{191}$	$\frac{26}{191}$	$\frac{55}{191}$	$\frac{87}{191}$	$\Phi_{191}\ \Phi_1^2$
2418	192	99	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{99}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
2419	192	77	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{77}^3\ \Phi_7^2$
2420	192	55	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{55}^3\ \Phi_{11}^4\ \Phi_5^6\ \Phi_1^8$
2421	192	191	$\frac{19}{191}$	$\frac{35}{191}$	$\frac{39}{191}$	$\frac{86}{191}$	$\Phi_{191}\ \Phi_1^2$
2422	192	245	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{1}{5}$	$\frac{22}{49}$	$\Phi_{245}\ \Phi_{35}$
2423	192	260	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{1}{4}$	$\frac{29}{65}$	$\Phi_{260}\ \Phi_{130}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
2424	192	191	$\frac{21}{191}$	$\frac{23}{191}$	$\frac{53}{191}$	$\frac{85}{191}$	$\Phi_{191}\ \Phi_1^2$
2425	192	291	$\frac{9}{97}$	$\frac{11}{97}$	$\frac{1}{3}$	$\frac{43}{97}$	Φ_{291}
2426	192	225	$\frac{1}{9}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{225}\ \Phi_{75}\ \Phi_{45}\ \Phi_{15}$
2427	192	191	$\frac{25}{191}$	$\frac{27}{191}$	$\frac{41}{191}$	$\frac{83}{191}$	$\Phi_{191}\ \Phi_1^2$
2428	192	273	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{273}\ \Phi_{39}^2$
2429	192	161	$\frac{2}{23}$	$\frac{1}{7}$	$\frac{7}{23}$	$\frac{3}{7}$	$\Phi_{161}\ \Phi_{23}^2\ \Phi_7^2\ \Phi_1^4$
2430	192	252	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
2431	192	161	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{5}{23}$	$\frac{3}{7}$	$\Phi_{161}\ \Phi_{23}^2\ \Phi_7^2\ \Phi_1^4$
2432	192	35	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{35}^7\ \Phi_5^6$
2433	192	191	$\frac{17}{191}$	$\frac{29}{191}$	$\frac{55}{191}$	$\frac{81}{191}$	$\Phi_{191}\ \Phi_1^2$
2434	192	291	$\frac{7}{97}$	$\frac{15}{97}$	$\frac{1}{3}$	$\frac{41}{97}$	Φ_{291}
2435	192	191	$\frac{14}{191}$	$\frac{33}{191}$	$\frac{59}{191}$	$\frac{79}{191}$	$\Phi_{191}\ \Phi_1^2$
2436	192	221	$\frac{1}{13}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	Φ_{221}
2437	192	191	$\frac{19}{191}$	$\frac{37}{191}$	$\frac{43}{191}$	$\frac{77}{191}$	$\Phi_{191}\ \Phi_1^2$
2438	192	255	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{255}\ \Phi_{51}^2$
2439	192	140	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{140}^2\ \Phi_{70}^2\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{14}^2\ \Phi_{10}$
2440	192	155	$\frac{3}{31}$	$\frac{1}{5}$	$\frac{7}{31}$	$\frac{2}{5}$	$\Phi_{155}\ \Phi_{31}^2\ \Phi_5^2\ \Phi_1^4$
2441	192	45	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{45}^5\ \Phi_{15}^5\ \Phi_9^4\ \Phi_3^4$
2442	192	231	$\frac{1}{7}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{231}\ \Phi_{77}\ \Phi_{21}$
2443	192	191	$\frac{27}{191}$	$\frac{29}{191}$	$\frac{41}{191}$	$\frac{75}{191}$	$\Phi_{191}\ \Phi_1^2$
2444	192	245	$\frac{5}{49}$	$\frac{1}{5}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{245}\ \Phi_{35}$
2445	192	191	$\frac{19}{191}$	$\frac{39}{191}$	$\frac{43}{191}$	$\frac{74}{191}$	$\Phi_{191}\ \Phi_1^2$
2446	192	221	$\frac{1}{17}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{221}
2447	192	52	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{4}$	$\frac{5}{13}$	$\Phi_{52}^5\ \Phi_{26}^5\ \Phi_4^4\ \Phi_2^4$
2448	192	191	$\frac{11}{191}$	$\frac{45}{191}$	$\frac{59}{191}$	$\frac{73}{191}$	$\Phi_{191}\ \Phi_1^2$
2449	192	291	$\frac{5}{97}$	$\frac{23}{97}$	$\frac{1}{3}$	$\frac{37}{97}$	Φ_{291}
2450	192	191	$\frac{15}{191}$	$\frac{44}{191}$	$\frac{49}{191}$	$\frac{71}{191}$	$\Phi_{191}\ \Phi_1^2$
2451	192	225	$\frac{1}{9}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{225}\ \Phi_{75}\ \Phi_{45}\ \Phi_{15}$
2452	192	191	$\frac{20}{191}$	$\frac{31}{191}$	$\frac{57}{191}$	$\frac{67}{191}$	$\Phi_{191}\ \Phi_1^2$
2453	192	245	$\frac{4}{49}$	$\frac{1}{5}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{245}\ \Phi_{35}$
2454	192	191	$\frac{8}{191}$	$\frac{61}{191}$	$\frac{63}{191}$	$\frac{65}{191}$	$\Phi_{191}\ \Phi_1^2$
2455	192	291	$\frac{4}{97}$	$\frac{31}{97}$	$\frac{1}{3}$	$\frac{33}{97}$	Φ_{291}
2456	192	75	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{75}^3\ \Phi_{25}^2\ \Phi_{15}^3\ \Phi_5^2$
2457	192	141	$\frac{2}{47}$	$\frac{15}{47}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{141}\ \Phi_{47}^2\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
2458	192	204	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{204}\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{34}^2$
2459	192	141	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{141}\ \Phi_{47}^2\ \Phi_3^2\ \Phi_1^4$
2460	192	195	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}\ \Phi_{65}^2$
2461	192	141	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{141}\ \Phi_{47}^2\ \Phi_3^2\ \Phi_1^4$
2462	192	63	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{63}^4\ \Phi_{21}^3\ \Phi_7^2$
2463	192	345	$\frac{2}{23}$	$\frac{1}{5}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{345}\ \Phi_{15}^2$
2464	192	291	$\frac{10}{97}$	$\frac{17}{97}$	$\frac{29}{97}$	$\frac{1}{3}$	Φ_{291}
2465	192	315	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{315}\ \Phi_{63}\ \Phi_{21}$
2466	192	99	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{99}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
2467	192	291	$\frac{9}{97}$	$\frac{22}{97}$	$\frac{25}{97}$	$\frac{1}{3}$	Φ_{291}
2468	192	372	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{372}\ \Phi_{186}\ \Phi_{12}^2\ \Phi_6^2$
2469	192	180	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
2470	192	345	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{345}\ \Phi_{15}^2$
2471	192	291	$\frac{13}{97}$	$\frac{19}{97}$	$\frac{21}{97}$	$\frac{1}{3}$	Φ_{291}
2472	192	105	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^3\ \Phi_{21}^4$
2473	192	180	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{13}{45}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{10}$
2474	192	105	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{105}^3\ \Phi_{35}\ \Phi_{15}^3$
2475	192	55	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{55}^3\ \Phi_{11}^4\ \Phi_5^6\ \Phi_1^8$
2476	192	191	$\frac{35}{191}$	$\frac{38}{191}$	$\frac{39}{191}$	$\frac{51}{191}$	$\Phi_{191}\ \Phi_1^2$
2477	192	300	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
2478	192	245	$\frac{9}{49}$	$\frac{1}{5}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{245}\ \Phi_{35}$
2479	192	20	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{20}^{13}\ \Phi_{10}^{13}\ \Phi_4^{12}\ \Phi_2^{12}$
2480	193	234	$\frac{2}{39}$	$\frac{41}{234}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{234}\ \Phi_{117}\ \Phi_{39}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_1$
2481	193	360	$\frac{13}{180}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{167}{360}$	$\Phi_{360}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
2482	193	360	$\frac{13}{180}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{167}{360}$	$\Phi_{360}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
2483	193	264	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{71}{264}$	$\frac{61}{132}$	$\Phi_{264}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
2484	193	224	$\frac{3}{28}$	$\frac{31}{224}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{224}\ \Phi_{112}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
2485	193	210	$\frac{17}{210}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_7\ \Phi_5\ \Phi_1$
2486	193	336	$\frac{3}{28}$	$\frac{25}{168}$	$\frac{1}{4}$	$\frac{143}{336}$	$\Phi_{336}\ \Phi_{112}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
2487	193	240	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{47}{240}$	$\frac{33}{80}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
2488	193	320	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{160}$	$\frac{127}{320}$	$\Phi_{320}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
2489	193	312	$\frac{2}{39}$	$\frac{37}{156}$	$\frac{1}{3}$	$\frac{119}{312}$	$\Phi_{312}\ \Phi_{104}\ \Phi_{39}\ \Phi_{24}\ \Phi_{13}\ \Phi_8\ \Phi_1$
2490	193	216	$\frac{23}{216}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
2491	193	288	$\frac{1}{24}$	$\frac{23}{72}$	$\frac{95}{288}$	$\frac{49}{144}$	$\Phi_{288}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
2492	193	225	$\frac{2}{15}$	$\frac{32}{225}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{225}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_1$
2493	193	270	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{77}{270}$	$\frac{1}{3}$	$\Phi_{270}\ \Phi_{135}\ \Phi_{54}\ \Phi_{27}\ \Phi_{15}\ \Phi_5\ \Phi_1$
2494	193	240	$\frac{2}{15}$	$\frac{47}{240}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
2495	193	252	$\frac{3}{28}$	$\frac{59}{252}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{252}\ \Phi_{126}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
2496	193	270	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{77}{270}$	$\Phi_{270}\ \Phi_{135}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
2497	194	546	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{85}{182}$	$\Phi_{546}\ \Phi_{78}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
2498	194	336	$\frac{1}{14}$	$\frac{15}{112}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{6}$
2499	194	168	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1}{3}$	$\frac{71}{168}$	$\Phi_{168}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{8}^2\ \Phi_{6}$
2500	194	126	$\frac{1}{14}$	$\frac{29}{126}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{126}^2\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{6}$
2501	195	152	$\frac{1}{38}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{37}{76}$	$\Phi_{152}^2\ \Phi_{76}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
2502	195	252	$\frac{2}{63}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{252}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
2503	195	88	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{88}^3\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
2504	195	168	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{13}{28}$	$\Phi_{168}^2\ \Phi_{56}^2\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
2505	195	420	$\frac{1}{14}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{420}\ \Phi_{140}\ \Phi_{60}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
2506	195	252	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{28}$	$\Phi_{252}^2\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{18}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
2507	195	112	$\frac{1}{14}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{112}^2\ \Phi_{56}^2\ \Phi_{28}\ \Phi_{16}^3\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
2508	195	168	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{11}{24}$	$\Phi_{168}^2\ \Phi_{56}^2\ \Phi_{24}^3\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{1}^3$
2509	195	24	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{24}^{15}\ \Phi_{12}^2\ \Phi_{8}^{15}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
2510	195	210	$\frac{4}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{210}\ \Phi_{105}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
2511	195	48	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{48}^4\ \Phi_{24}^6\ \Phi_{16}^2\ \Phi_{12}^6\ \Phi_{8}^3\ \Phi_{6}^5\ \Phi_{4}^3\ \Phi_{3}^5\ \Phi_{2}^2\ \Phi_{1}^3$
2512	195	72	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{72}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_{9}^3\ \Phi_{8}^3\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
2513	195	44	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{9}{22}$	$\Phi_{44}^6\ \Phi_{22}\ \Phi_{11}^5\ \Phi_{4}^5\ \Phi_{1}^5$
2514	195	192	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{192}^2\ \Phi_{64}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
2515	195	152	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{6}{19}$	$\frac{3}{8}$	$\Phi_{152}^2\ \Phi_{19}^2\ \Phi_{8}^3\ \Phi_{1}^3$
2516	195	56	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{56}^6\ \Phi_{28}^2\ \Phi_{14}\ \Phi_{8}^3\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
2517	195	60	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{60}^6\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^6\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}^3\ \Phi_{3}\ \Phi_{1}$
2518	195	105	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{105}^2\ \Phi_{35}^2\ \Phi_{15}^3\ \Phi_{7}^2\ \Phi_{5}^3\ \Phi_{1}^3$
2519	195	84	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{7}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
2520	195	72	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{72}^3\ \Phi_{36}^2\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{9}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
2521	195	60	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^5\ \Phi_{30}^2\ \Phi_{20}^5\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{6}\ \Phi_{5}^3\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
2522	195	126	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{2}{7}$	$\Phi_{126}^2\ \Phi_{63}^2\ \Phi_{18}^3\ \Phi_{9}^3\ \Phi_{7}^2\ \Phi_{1}^3$
2523	195	112	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{112}^2\ \Phi_{56}^2\ \Phi_{16}^3\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{1}^3$
2524	195	36	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{36}^{10}\ \Phi_{18}^5\ \Phi_{12}^2\ \Phi_{9}^5\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
2525	195	48	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{48}^6\ \Phi_{24}^6\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_{8}^3\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
2526	196	96	$\frac{1}{48}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{96}^4\ \Phi_{32}^4\ \Phi_{3}\ \Phi_{1}^2$
2527	196	78	$\frac{1}{39}$	$\frac{10}{39}$	$\frac{29}{78}$	$\frac{19}{39}$	$\Phi_{78}^4\ \Phi_{39}\ \Phi_{26}^4\ \Phi_{13}\ \Phi_{6}^4\ \Phi_{3}\ \Phi_{2}^4\ \Phi_{1}^2$
2528	196	66	$\frac{1}{33}$	$\frac{17}{66}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{66}^4\ \Phi_{33}^2\ \Phi_{22}^4\ \Phi_{11}^2\ \Phi_{6}^4\ \Phi_{3}\ \Phi_{2}^4\ \Phi_{1}^2$
2529	196	95	$\frac{3}{95}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{46}{95}$	$\Phi_{95}^2\ \Phi_{19}^2\ \Phi_{5}^3\ \Phi_{1}^4$
2530	196	108	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{13}{27}$	$\Phi_{108}^3\ \Phi_{36}^3\ \Phi_{27}\ \Phi_{12}^4\ \Phi_{9}\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{1}^2$
2531	196	27	$\frac{1}{27}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{27}^7\ \Phi_{9}^8\ \Phi_{3}^7\ \Phi_{1}^8$
2532	196	65	$\frac{3}{65}$	$\frac{16}{65}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{65}^3\ \Phi_{13}^3\ \Phi_{5}^3\ \Phi_{1}^4$
2533	196	90	$\frac{1}{15}$	$\frac{4}{45}$	$\frac{41}{90}$	$\frac{7}{15}$	$\Phi_{90}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^4\ \Phi_{1}^2$
2534	196	135	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{37}{135}$	$\frac{7}{15}$	$\Phi_{135}^2\ \Phi_{27}^2\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
2535	196	60	$\frac{1}{15}$	$\frac{11}{60}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{60}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{2}^4\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
2536	196	13	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{6}{13}$	$\Phi_{13}^{15}\ \Phi_{1}^{16}$
2537	196	312	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
2538	196	90	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{41}{90}$	$\Phi_{90}^{4}\ \Phi_{30}^{4}\ \Phi_{18}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
2539	196	90	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{90}^{4}\ \Phi_{30}^{4}\ \Phi_{18}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
2540	196	165	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{165}^{2}\ \Phi_{33}\ \Phi_{15}^{2}$
2541	196	60	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{60}^{4}\ \Phi_{30}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
2542	196	232	$\frac{3}{29}$	$\frac{1}{8}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{232}\ \Phi_{116}\ \Phi_{58}$
2543	196	54	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{54}^{4}\ \Phi_{27}^{4}\ \Phi_{18}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
2544	196	264	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{3}$	$\frac{39}{88}$	$\Phi_{264}^{2}\ \Phi_{33}\ \Phi_{24}^{2}$
2545	196	25	$\frac{3}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{11}{25}$	$\Phi_{25}^{8}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
2546	196	39	$\frac{4}{39}$	$\frac{5}{39}$	$\frac{11}{39}$	$\frac{17}{39}$	$\Phi_{39}^{5}\ \Phi_{13}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
2547	196	99	$\frac{8}{99}$	$\frac{13}{99}$	$\frac{1}{3}$	$\frac{43}{99}$	$\Phi_{99}^{2}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
2548	196	60	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{60}^{6}\ \Phi_{20}^{6}\ \Phi_{15}^{2}\ \Phi_{12}^{4}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
2549	196	36	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{5}{12}$	$\Phi_{36}^{9}\ \Phi_{12}^{10}\ \Phi_{9}^{3}\ \Phi_{4}^{10}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
2550	196	120	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{120}^{2}\ \Phi_{60}\ \Phi_{40}^{3}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
2551	196	165	$\frac{2}{33}$	$\frac{31}{165}$	$\frac{1}{3}$	$\frac{67}{165}$	$\Phi_{165}\ \Phi_{55}\ \Phi_{33}^{2}\ \Phi_{15}\ \Phi_{11}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
2552	196	30	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{30}^{10}\ \Phi_{15}^{4}\ \Phi_{10}^{8}\ \Phi_{6}^{10}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
2553	196	80	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{80}^{4}\ \Phi_{16}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
2554	196	78	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{10}{39}$	$\frac{29}{78}$	$\Phi_{78}^{4}\ \Phi_{26}^{4}\ \Phi_{13}^{3}\ \Phi_{6}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
2555	196	75	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{75}$	$\frac{26}{75}$	$\Phi_{75}^{2}\ \Phi_{25}^{4}\ \Phi_{15}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
2556	196	51	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{51}^{4}\ \Phi_{17}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
2557	196	72	$\frac{1}{24}$	$\frac{23}{72}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{72}^{4}\ \Phi_{36}^{4}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
2558	196	156	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{156}\ \Phi_{78}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
2559	196	192	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{192}\ \Phi_{96}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
2560	196	45	$\frac{1}{15}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{45}^{6}\ \Phi_{15}^{2}\ \Phi_{9}^{4}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
2561	196	60	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{60}^{4}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
2562	196	54	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{54}^{4}\ \Phi_{27}^{4}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
2563	196	24	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{24}^{6}\ \Phi_{12}^{6}\ \Phi_{8}^{12}\ \Phi_{6}^{6}\ \Phi_{4}^{12}\ \Phi_{3}^{7}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
2564	196	135	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{135}$	$\frac{1}{3}$	$\Phi_{135}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
2565	196	54	$\frac{5}{54}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{54}^{4}\ \Phi_{27}^{3}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
2566	196	66	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{66}$	$\frac{1}{3}$	$\Phi_{66}^{2}\ \Phi_{33}^{3}\ \Phi_{22}^{4}\ \Phi_{11}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
2567	196	9	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{9}^{22}\ \Phi_{3}^{21}\ \Phi_{1}^{22}$
2568	196	360	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
2569	196	60	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{60}^{4}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
2570	197	384	$\frac{5}{192}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{187}{384}$	$\Phi_{384}\ \Phi_{128}\ \Phi_{8}\ \Phi_{1}$
2571	197	336	$\frac{1}{28}$	$\frac{29}{168}$	$\frac{139}{336}$	$\frac{27}{56}$	$\Phi_{336}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
2572	197	240	$\frac{3}{40}$	$\frac{43}{240}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
2573	197	360	$\frac{17}{180}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{163}{360}$	$\Phi_{360}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
2574	197	336	$\frac{1}{14}$	$\frac{29}{168}$	$\frac{13}{42}$	$\frac{139}{336}$	$\Phi_{336}\ \Phi_{112}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
2575	197	280	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{83}{280}$	$\frac{57}{140}$	$\Phi_{280}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
2576	197	320	$\frac{3}{40}$	$\frac{37}{160}$	$\frac{1}{4}$	$\frac{123}{320}$	$\Phi_{320}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
2577	197	288	$\frac{5}{96}$	$\frac{1}{4}$	$\frac{91}{288}$	$\frac{3}{8}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
2578	197	208	$\frac{11}{208}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
2579	197	256	$\frac{5}{64}$	$\frac{59}{256}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{256}\ \Phi_{128}\ \Phi_8\ \Phi_1$
2580	197	216	$\frac{19}{216}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
2581	197	240	$\frac{5}{48}$	$\frac{43}{240}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
2582	197	224	$\frac{27}{224}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
2583	197	252	$\frac{1}{14}$	$\frac{55}{252}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{252}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
2584	197	240	$\frac{3}{20}$	$\frac{43}{240}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
2585	198	320	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{31}{64}$	$\Phi_{320}\ \Phi_{64}^2\ \Phi_5\ \Phi_1^2$
2586	198	192	$\frac{1}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{192}^3\ \Phi_{12}\ \Phi_6$
2587	198	570	$\frac{4}{95}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{91}{190}$	$\Phi_{570}\ \Phi_{114}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
2588	198	336	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{10}{21}$	$\Phi_{336}\ \Phi_{112}\ \Phi_{48}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
2589	198	84	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
2590	198	120	$\frac{1}{20}$	$\frac{7}{40}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{120}^2\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
2591	198	340	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{8}{17}$	$\Phi_{340}\ \Phi_{68}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
2592	198	255	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{8}{17}$	$\Phi_{255}\ \Phi_{51}\ \Phi_{17}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
2593	198	197	$\frac{13}{197}$	$\frac{35}{197}$	$\frac{54}{197}$	$\frac{92}{197}$	$\Phi_{197}\ \Phi_1^2$
2594	198	268	$\frac{5}{67}$	$\frac{12}{67}$	$\frac{1}{4}$	$\frac{31}{67}$	$\Phi_{268}\ \Phi_{134}$
2595	198	60	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{60}^9\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^9\ \Phi_6$
2596	198	340	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{9}{20}$	$\Phi_{340}\ \Phi_{68}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
2597	198	140	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{140}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{14}^3\ \Phi_7^2$
2598	198	48	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{48}^7\ \Phi_{16}^8\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
2599	198	112	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{7}{16}$	$\Phi_{112}^3\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
2600	198	80	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{5}{16}$	$\frac{2}{5}$	$\Phi_{80}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}^4\ \Phi_{10}^2\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
2601	198	60	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^6\ \Phi_{10}^2\ \Phi_6^6\ \Phi_5^3\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
2602	198	40	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{40}^5\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_8^4\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
2603	198	342	$\frac{1}{19}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{342}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
2604	198	197	$\frac{11}{197}$	$\frac{45}{197}$	$\frac{62}{197}$	$\frac{76}{197}$	$\Phi_{197}\ \Phi_1^2$
2605	198	480	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{1}{3}$	$\frac{61}{160}$	$\Phi_{480}\ \Phi_{96}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
2606	198	312	$\frac{5}{104}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
2607	198	304	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{304}\ \Phi_{76}\ \Phi_{38}$
2608	198	228	$\frac{1}{12}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
2609	198	197	$\frac{14}{197}$	$\frac{43}{197}$	$\frac{61}{197}$	$\frac{68}{197}$	$\Phi_{197}\ \Phi_1^2$
2610	198	268	$\frac{4}{67}$	$\frac{1}{4}$	$\frac{21}{67}$	$\frac{23}{67}$	$\Phi_{268}\ \Phi_{134}$
2611	198	150	$\frac{1}{25}$	$\frac{8}{25}$	$\frac{1}{3}$	$\frac{17}{50}$	$\Phi_{150}^3\ \Phi_{75}\ \Phi_{30}^3\ \Phi_{15}\ \Phi_6^3$
2612	198	48	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{48}^6\ \Phi_{24}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
2613	198	300	$\frac{7}{100}$	$\frac{23}{100}$	$\frac{31}{100}$	$\frac{1}{3}$	$\Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
2614	198	120	$\frac{1}{10}$	$\frac{7}{40}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{15}\ \Phi_{12}^3\ \Phi_6$
2615	198	30	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{30}^6\ \Phi_{15}^5\ \Phi_{10}^{10}\ \Phi_6^6\ \Phi_5^8\ \Phi_3^4\ \Phi_2^{10}\ \Phi_1^8$
2616	198	12	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{12}^{16}\ \Phi_6^{16}\ \Phi_4^{18}\ \Phi_3^{15}\ \Phi_2^{18}\ \Phi_1^{18}$
2617	198	384	$\frac{3}{32}$	$\frac{29}{128}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{12}\ \Phi_6$
2618	198	336	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
2619	198	120	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
2620	198	255	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{5}{17}$	$\Phi_{255}\ \Phi_{51}\ \Phi_{17}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
2621	198	420	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}$
2622	198	28	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{28}^6\ \Phi_{14}^8\ \Phi_7^7\ \Phi_4^8\ \Phi_2^{10}\ \Phi_1^{10}$
2623	199	384	$\frac{7}{192}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{185}{384}$	$\Phi_{384}\ \Phi_{128}\ \Phi_{12}\ \Phi_4\ \Phi_1$
2624	199	352	$\frac{1}{22}$	$\frac{23}{176}$	$\frac{153}{352}$	$\frac{21}{44}$	$\Phi_{352}\ \Phi_{44}\ \Phi_{32}\ \Phi_4\ \Phi_1$
2625	199	264	$\frac{1}{22}$	$\frac{65}{264}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
2626	199	360	$\frac{1}{18}$	$\frac{19}{180}$	$\frac{161}{360}$	$\frac{17}{36}$	$\Phi_{360}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
2627	199	288	$\frac{7}{96}$	$\frac{1}{6}$	$\frac{89}{288}$	$\frac{5}{12}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
2628	199	216	$\frac{17}{216}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
2629	199	240	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{41}{240}$	$\frac{5}{12}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
2630	199	324	$\frac{1}{18}$	$\frac{37}{162}$	$\frac{17}{54}$	$\frac{125}{324}$	$\Phi_{324}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
2631	199	288	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{89}{288}$	$\frac{55}{144}$	$\Phi_{288}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
2632	200	147	$\frac{1}{49}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{147}\ \Phi_{49}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
2633	200	199	$\frac{5}{199}$	$\frac{51}{199}$	$\frac{74}{199}$	$\frac{97}{199}$	$\Phi_{199}\ \Phi_1^2$
2634	200	312	$\frac{1}{39}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{19}{39}$	$\Phi_{312}\ \Phi_{104}\ \Phi_{39}\ \Phi_{24}\ \Phi_{13}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
2635	200	303	$\frac{3}{101}$	$\frac{26}{101}$	$\frac{1}{3}$	$\frac{49}{101}$	Φ_{303}
2636	200	336	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{23}{48}$	$\Phi_{336}\ \Phi_{112}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_7\ \Phi_1^2$
2637	200	240	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{240}^2\ \Phi_{80}^2\ \Phi_{15}$
2638	200	171	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{9}{19}$	$\Phi_{171}\ \Phi_{57}\ \Phi_{19}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
2639	200	114	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{114}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
2640	200	199	$\frac{11}{199}$	$\frac{21}{199}$	$\frac{89}{199}$	$\frac{94}{199}$	$\Phi_{199}\ \Phi_1^2$
2641	200	170	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{170}^2\ \Phi_{85}\ \Phi_{10}^2$
2642	200	246	$\frac{3}{41}$	$\frac{1}{6}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{246}\ \Phi_{123}\ \Phi_{82}$
2643	200	199	$\frac{17}{199}$	$\frac{29}{199}$	$\frac{54}{199}$	$\frac{91}{199}$	$\Phi_{199}\ \Phi_1^2$
2644	200	303	$\frac{9}{101}$	$\frac{11}{101}$	$\frac{1}{3}$	$\frac{46}{101}$	Φ_{303}
2645	200	99	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{99}^2\ \Phi_{33}^3\ \Phi_{11}^2$
2646	200	171	$\frac{1}{9}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{4}{9}$	$\Phi_{171}\ \Phi_{57}\ \Phi_{19}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
2647	200	90	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{90}^3\ \Phi_{45}^2\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
2648	200	189	$\frac{2}{27}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{189}\ \Phi_{63}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
2649	200	252	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{36}$	$\frac{3}{7}$	$\Phi_{252}\ \Phi_{126}\ \Phi_{63}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
2650	200	77	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{77}^3\ \Phi_{11}^2$
2651	200	28	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{28}^7\ \Phi_{14}^7\ \Phi_7^8\ \Phi_4^6\ \Phi_2^6\ \Phi_1^8$
2652	200	224	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{32}$	$\frac{3}{7}$	$\Phi_{224}\ \Phi_{112}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_7\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
2653	200	42	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{42}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_7^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
2654	200	199	$\frac{23}{199}$	$\frac{31}{199}$	$\frac{44}{199}$	$\frac{84}{199}$	$\Phi_{199}\ \Phi_1^2$
2655	200	199	$\frac{29}{199}$	$\frac{33}{199}$	$\frac{34}{199}$	$\frac{83}{199}$	$\Phi_{199}\ \Phi_1^2$
2656	200	246	$\frac{6}{41}$	$\frac{1}{6}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{246}\ \Phi_{123}\ \Phi_{82}$
2657	200	85	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{5}$	$\frac{7}{17}$	$\Phi_{85}^3\ \Phi_5^2$
2658	200	199	$\frac{14}{199}$	$\frac{37}{199}$	$\frac{59}{199}$	$\frac{81}{199}$	$\Phi_{199}\ \Phi_1^2$
2659	200	303	$\frac{6}{101}$	$\frac{19}{101}$	$\frac{1}{3}$	$\frac{41}{101}$	Φ_{303}
2660	200	199	$\frac{24}{199}$	$\frac{35}{199}$	$\frac{41}{199}$	$\frac{79}{199}$	$\Phi_{199}\ \Phi_1^2$
2661	200	246	$\frac{5}{41}$	$\frac{1}{6}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{246}\ \Phi_{123}\ \Phi_{82}$
2662	200	168	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{168}^2\ \Phi_{56}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
2663	200	104	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{104}^3\ \Phi_{13}^3\ \Phi_8^4\ \Phi_1^4$
2664	200	440	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}\ \Phi_{55}$
2665	200	312	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}\ \Phi_{104}\ \Phi_{39}\ \Phi_{24}\ \Phi_{13}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
2666	200	72	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^5\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_9^2\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
2667	200	78	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{78}^3\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_6^3\ \Phi_2^2$
2668	200	135	$\frac{2}{27}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{135}^2\ \Phi_{45}^2\ \Phi_{15}$
2669	200	147	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{147}\ \Phi_{49}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
2670	200	66	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{66}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{11}^2$
2671	200	84	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
2672	200	180	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{15}$
2673	200	297	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{297}\ \Phi_{33}$
2674	200	420	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{15}$
2675	200	480	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{15}$
2676	200	114	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{114}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
2677	200	303	$\frac{16}{101}$	$\frac{17}{101}$	$\frac{21}{101}$	$\frac{1}{3}$	Φ_{303}
2678	200	30	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{30}^8\ \Phi_{15}^9\ \Phi_{10}^8\ \Phi_5^8$
2679	201	320	$\frac{1}{40}$	$\frac{41}{160}$	$\frac{119}{320}$	$\frac{39}{80}$	$\Phi_{320}\ \Phi_{80}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
2680	201	272	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{71}{272}$	$\frac{65}{136}$	$\Phi_{272}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
2681	201	128	$\frac{3}{64}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{61}{128}$	$\Phi_{128}^3\ \Phi_{16}\ \Phi_1$
2682	201	128	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{128}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
2683	201	120	$\frac{1}{10}$	$\frac{7}{60}$	$\frac{3}{10}$	$\frac{53}{120}$	$\Phi_{120}^3\ \Phi_{40}^3\ \Phi_{24}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
2684	201	96	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{29}{96}$	$\frac{7}{16}$	$\Phi_{96}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
2685	201	224	$\frac{23}{224}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
2686	201	256	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{55}{256}$	$\frac{7}{16}$	$\Phi_{256}\ \Phi_{128}\ \Phi_{16}\ \Phi_1$
2687	201	80	$\frac{1}{8}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1$
2688	201	280	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{79}{280}$	$\frac{61}{140}$	$\Phi_{280}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
2689	201	72	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
2690	201	80	$\frac{1}{10}$	$\frac{13}{80}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{80}^3\ \Phi_{40}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
2691	201	204	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{204}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
2692	201	100	$\frac{1}{25}$	$\frac{8}{25}$	$\frac{33}{100}$	$\frac{17}{50}$	$\Phi_{100}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_5^2\ \Phi_4^3\ \Phi_1^3$
2693	201	87	$\frac{2}{29}$	$\frac{20}{87}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{87}^2\ \Phi_{29}^3\ \Phi_3\ \Phi_1^3$
2694	201	96	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{96}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
2695	201	90	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{23}{90}$	$\frac{3}{10}$	$\Phi_{90}^3\ \Phi_{45}^3\ \Phi_{18}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
2696	201	80	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
2697	202	198	$\frac{2}{99}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{97}{198}$	$\Phi_{198}^2\ \Phi_{66}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
2698	202	408	$\frac{1}{34}$	$\frac{35}{136}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{408}\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}\ \Phi_6$
2699	202	192	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{91}{192}$	$\Phi_{192}^2\ \Phi_{64}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
2700	202	108	$\frac{7}{108}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
2701	202	510	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{1}{3}$	$\frac{69}{170}$	$\Phi_{510}\ \Phi_{102}\ \Phi_{51}\ \Phi_{30}\ \Phi_6$
2702	202	153	$\frac{2}{51}$	$\frac{49}{153}$	$\frac{1}{3}$	$\frac{52}{153}$	$\Phi_{153}\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
2703	202	132	$\frac{2}{33}$	$\frac{31}{132}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
2704	202	108	$\frac{7}{108}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
2705	202	144	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{144}$	$\frac{1}{3}$	$\Phi_{144}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
2706	202	120	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
2707	203	168	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{27}{56}$	$\Phi_{168}^2\ \Phi_{56}^3\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
2708	203	504	$\frac{1}{28}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{504}\ \Phi_{72}\ \Phi_{56}\ \Phi_9\ \Phi_8\ \Phi_1$
2709	203	216	$\frac{2}{27}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
2710	203	40	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{40}^5\ \Phi_{20}^6\ \Phi_{10}^5\ \Phi_8^4\ \Phi_5^5\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
2711	203	200	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{200}\ \Phi_{100}\ \Phi_{40}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
2712	203	84	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{42}$	$\frac{5}{12}$	$\Phi_{84}^4\ \Phi_{42}\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{12}^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
2713	203	96	$\frac{3}{32}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^3\ \Phi_{24}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
2714	203	72	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{72}^4\ \Phi_{36}^3\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
2715	203	420	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{35}$	$\frac{5}{12}$	$\Phi_{420}\ \Phi_{140}\ \Phi_{60}\ \Phi_{35}\ \Phi_{20}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
2716	203	48	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{48}^7\ \Phi_{24}^2\ \Phi_{16}^7\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
2717	203	126	$\frac{1}{14}$	$\frac{2}{9}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{126}^2\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
2718	203	288	$\frac{3}{32}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{32}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
2719	203	72	$\frac{1}{8}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{72}^3\ \Phi_{36}^2\ \Phi_{24}^4\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
2720	203	315	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{315}\ \Phi_{45}\ \Phi_{35}\ \Phi_9\ \Phi_5\ \Phi_1$
2721	204	300	$\frac{1}{50}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{300}\ \Phi_{100}^2\ \Phi_{60}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
2722	204	165	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{16}{33}$	$\Phi_{165}\ \Phi_{55}\ \Phi_{33}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
2723	204	132	$\frac{1}{33}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
2724	204	29	$\frac{1}{29}$	$\frac{5}{29}$	$\frac{12}{29}$	$\frac{14}{29}$	$\Phi_{29}^7\ \Phi_1^8$
2725	204	98	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{47}{98}$	$\Phi_{98}^4\ \Phi_{14}^4\ \Phi_7\ \Phi_2^4\ \Phi_1^2$
2726	204	92	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{92}^3\ \Phi_{46}^3\ \Phi_4^2\ \Phi_2^2$
2727	204	203	$\frac{9}{203}$	$\frac{50}{203}$	$\frac{53}{203}$	$\frac{97}{203}$	$\Phi_{203}\ \Phi_{29}\ \Phi_7\ \Phi_1^2$
2728	204	309	$\frac{5}{103}$	$\frac{18}{103}$	$\frac{1}{3}$	$\frac{49}{103}$	Φ_{309}
2729	204	352	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{15}{32}$	$\Phi_{352}\ \Phi_{32}^2\ \Phi_{11}\ \Phi_1^2$
2730	204	672	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{672}\ \Phi_{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
2731	204	352	$\frac{1}{16}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{15}{32}$	$\Phi_{352}\ \Phi_{32}^2\ \Phi_{11}\ \Phi_1^2$
2732	204	160	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{160}^3\ \Phi_{20}\ \Phi_{10}$
2733	204	63	$\frac{5}{63}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{29}{63}$	$\Phi_{63}^3\ \Phi_{21}^3\ \Phi_9^3\ \Phi_7^5\ \Phi_3^3\ \Phi_1^6$
2734	204	70	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{19}{70}$	$\frac{16}{35}$	$\Phi_{70}^4\ \Phi_{35}^2\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7\ \Phi_5^2\ \Phi_2^4\ \Phi_1^2$
2735	204	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{5}{11}$	$\Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
2736	204	220	$\frac{1}{11}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
2737	204	58	$\frac{3}{29}$	$\frac{7}{58}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{58}^4\ \Phi_{29}^3\ \Phi_2^4\ \Phi_1^4$
2738	204	390	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{390}\ \Phi_{130}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
2739	204	210	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{210}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{14}^2$
2740	204	49	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{15}{49}$	$\frac{3}{7}$	$\Phi_{49}^4\ \Phi_7^5\ \Phi_1^6$
2741	204	56	$\frac{5}{56}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{56}^4\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_8^4\ \Phi_7\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
2742	204	21	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{21}^{12}\ \Phi_7^5\ \Phi_3^{12}\ \Phi_1^6$
2743	204	175	$\frac{1}{7}$	$\frac{29}{175}$	$\frac{6}{35}$	$\frac{73}{175}$	$\Phi_{175}\ \Phi_{35}^2\ \Phi_{25}\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
2744	204	312	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{312}\ \Phi_{104}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
2745	204	29	$\frac{2}{29}$	$\frac{5}{29}$	$\frac{9}{29}$	$\frac{12}{29}$	$\Phi_{29}^7\ \Phi_1^8$
2746	204	90	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^4\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
2747	204	110	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{22}$	$\frac{2}{5}$	$\Phi_{110}^2\ \Phi_{55}\ \Phi_{22}^4\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^4\ \Phi_1^4$
2748	204	140	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{14}^2$
2749	204	28	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{28}^{12}\ \Phi_7^5\ \Phi_4^{12}\ \Phi_1^6$
2750	204	234	$\frac{1}{18}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
2751	204	280	$\frac{5}{56}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
2752	204	130	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{130}^3\ \Phi_{65}\ \Phi_{10}^3$
2753	204	203	$\frac{8}{203}$	$\frac{65}{203}$	$\frac{67}{203}$	$\frac{69}{203}$	$\Phi_{203}\ \Phi_{29}\ \Phi_7\ \Phi_1^2$
2754	204	309	$\frac{4}{103}$	$\frac{33}{103}$	$\frac{1}{3}$	$\frac{35}{103}$	Φ_{309}
2755	204	75	$\frac{1}{25}$	$\frac{8}{25}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{75}^2\ \Phi_{25}^4\ \Phi_{15}^2\ \Phi_5^4\ \Phi_3^3\ \Phi_1^6$
2756	204	36	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{36}^8\ \Phi_{18}^4\ \Phi_{12}^7\ \Phi_9^4\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
2757	204	165	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
2758	204	60	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{60}^3\ \Phi_{30}^2\ \Phi_{20}^6\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
2759	204	396	$\frac{2}{33}$	$\frac{1}{4}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{396}\ \Phi_{198}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
2760	204	168	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{168}\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2$
2761	204	132	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^3\ \Phi_{66}\ \Phi_{33}^2\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
2762	204	420	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{21}$
2763	204	264	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{7}{24}$	$\Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
2764	204	120	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}\ \Phi_{15}^3\ \Phi_{10}$
2765	204	21	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{21}^9\ \Phi_7^{11}\ \Phi_3^9\ \Phi_1^{12}$
2766	204	220	$\frac{3}{20}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
2767	204	315	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{315}\ \Phi_{63}\ \Phi_{35}$
2768	204	20	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{20}^{10}\ \Phi_{10}^{10}\ \Phi_5^9\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
2769	204	320	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{320}\ \Phi_{160}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
2770	205	80	$\frac{1}{40}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{39}{80}$	$\Phi_{80}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
2771	205	276	$\frac{2}{69}$	$\frac{71}{276}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{276}\ \Phi_{92}\ \Phi_{69}\ \Phi_{23}\ \Phi_{12}\ \Phi_4\ \Phi_1$
2772	205	396	$\frac{7}{198}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{191}{396}$	$\Phi_{396}\ \Phi_{132}\ \Phi_{44}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
2773	205	78	$\frac{2}{39}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{78}^2\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{13}^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
2774	205	384	$\frac{13}{192}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{179}{384}$	$\Phi_{384}\ \Phi_{128}\ \Phi_{24}\ \Phi_8\ \Phi_1$
2775	205	384	$\frac{13}{192}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{179}{384}$	$\Phi_{384}\ \Phi_{128}\ \Phi_{16}\ \Phi_8\ \Phi_1$
2776	205	168	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{168}^2\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
2777	205	288	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{83}{288}$	$\frac{11}{24}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
2778	205	48	$\frac{1}{12}$	$\frac{7}{48}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{48}^4\ \Phi_{24}^5\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_8^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
2779	205	252	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{47}{252}$	$\frac{37}{84}$	$\Phi_{252}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
2780	205	72	$\frac{1}{12}$	$\frac{5}{36}$	$\frac{11}{36}$	$\frac{31}{72}$	$\Phi_{72}^5\ \Phi_{36}\ \Phi_{24}^5\ \Phi_{18}\ \Phi_9\ \Phi_8^5\ \Phi_1$
2781	205	72	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{72}^5\ \Phi_{24}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
2782	205	288	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{83}{288}$	$\frac{61}{144}$	$\Phi_{288}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
2783	205	48	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{48}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
2784	205	210	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{210}\ \Phi_{105}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
2785	205	51	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{10}{51}$	$\frac{7}{17}$	$\Phi_{51}^5\ \Phi_{17}^2\ \Phi_3^5\ \Phi_1^3$
2786	205	224	$\frac{19}{224}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
2787	205	68	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{34}$	$\frac{27}{68}$	$\Phi_{68}^5\ \Phi_{17}^2\ \Phi_4^5\ \Phi_1^3$
2788	205	336	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{168}$	$\frac{131}{336}$	$\Phi_{336}\ \Phi_{112}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
2789	205	216	$\frac{11}{216}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
2790	205	120	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{19}{60}$	$\frac{3}{8}$	$\Phi_{120}^4\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^4\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
2791	205	88	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{88}^4\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
2792	205	360	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{24}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
2793	205	200	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{200}^2\ \Phi_{50}\ \Phi_{25}\ \Phi_8\ \Phi_1$
2794	205	48	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{48}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
2795	205	312	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{156}$	$\frac{107}{312}$	$\Phi_{312}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_8\ \Phi_1$
2796	205	297	$\frac{7}{99}$	$\frac{2}{9}$	$\frac{92}{297}$	$\frac{1}{3}$	$\Phi_{297}\ \Phi_{27}\ \Phi_9\ \Phi_1$
2797	205	288	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{83}{288}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
2798	205	54	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{54}^5\ \Phi_{27}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
2799	205	48	$\frac{7}{48}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{48}^4\ \Phi_{24}^4\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_8^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
2800	205	256	$\frac{3}{16}$	$\frac{51}{256}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{256}\ \Phi_{128}\ \Phi_{16}\ \Phi_8\ \Phi_1$
2801	206	164	$\frac{1}{41}$	$\frac{21}{82}$	$\frac{61}{164}$	$\frac{20}{41}$	$\Phi_{164}^2\ \Phi_{41}\ \Phi_4^2\ \Phi_1^2$
2802	206	200	$\frac{3}{100}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{97}{200}$	$\Phi_{200}^2\ \Phi_{40}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
2803	206	600	$\frac{3}{100}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{97}{200}$	$\Phi_{600}\ \Phi_{120}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
2804	206	195	$\frac{11}{195}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{92}{195}$	$\Phi_{195}\ \Phi_{65}\ \Phi_{39}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
2805	206	140	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{37}{140}$	$\frac{33}{70}$	$\Phi_{140}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
2806	206	192	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{89}{192}$	$\Phi_{192}^2\ \Phi_{64}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
2807	206	336	$\frac{9}{112}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
2808	206	546	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{3}$	$\frac{79}{182}$	$\Phi_{546}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
2809	206	120	$\frac{2}{15}$	$\frac{17}{120}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
2810	206	180	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{5}$	$\frac{77}{180}$	$\Phi_{180}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
2811	206	175	$\frac{4}{35}$	$\frac{31}{175}$	$\frac{1}{5}$	$\frac{72}{175}$	$\Phi_{175}\ \Phi_{35}^2\ \Phi_{25}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
2812	206	150	$\frac{3}{50}$	$\frac{1}{5}$	$\frac{47}{150}$	$\frac{2}{5}$	$\Phi_{150}^2\ \Phi_{75}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
2813	206	110	$\frac{7}{110}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{110}^2\ \Phi_{55}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
2814	206	125	$\frac{3}{25}$	$\frac{22}{125}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{125}^2\ \Phi_5\ \Phi_1^2$
2815	206	120	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
2816	206	156	$\frac{1}{26}$	$\frac{25}{78}$	$\frac{1}{3}$	$\frac{53}{156}$	$\Phi_{156}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
2817	206	120	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
2818	206	144	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{144}$	$\frac{1}{3}$	$\Phi_{144}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
2819	206	120	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
2820	206	384	$\frac{1}{8}$	$\frac{25}{128}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
2821	206	135	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{32}{135}$	$\frac{13}{45}$	$\Phi_{135}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
2822	207	176	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{21}{44}$	$\Phi_{176}^2\ \Phi_{44}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
2823	207	44	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{44}^5\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
2824	207	260	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{61}{130}$	$\Phi_{260}\ \Phi_{65}\ \Phi_{52}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
2825	207	28	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{28}^8\ \Phi_{14}^7\ \Phi_7^7\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
2826	207	210	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
2827	207	84	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{19}{42}$	$\Phi_{84}^3\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{14}\ \Phi_{12}^3\ \Phi_7^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
2828	207	80	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
2829	207	528	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{10}{33}$	$\frac{7}{16}$	$\Phi_{528}\ \Phi_{48}\ \Phi_{33}\ \Phi_{16}\ \Phi_3\ \Phi_1$
2830	207	160	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{160}^2\ \Phi_{40}^2\ \Phi_{32}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
2831	207	40	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{40}^9\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8^9\ \Phi_5\ \Phi_4\ \Phi_1$
2832	207	112	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{4}$	$\frac{43}{112}$	$\Phi_{112}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
2833	207	180	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{180}^2\ \Phi_{60}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
2834	207	103	$\frac{4}{103}$	$\frac{33}{103}$	$\frac{34}{103}$	$\frac{35}{103}$	$\Phi_{103}^2\ \Phi_1^3$
2835	207	33	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{33}^5\ \Phi_{11}^9\ \Phi_3^4\ \Phi_1^9$
2836	207	132	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{132}^2\ \Phi_{66}^2\ \Phi_{33}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
2837	207	60	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{60}^6\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^6\ \Phi_{10}\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
2838	207	28	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{28}^7\ \Phi_{14}^7\ \Phi_7^9\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
2839	208	51	$\frac{1}{51}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{51}^4\ \Phi_{17}^4\ \Phi_3^5\ \Phi_1^6$
2840	208	207	$\frac{5}{207}$	$\frac{53}{207}$	$\frac{77}{207}$	$\frac{101}{207}$	$\Phi_{207}\ \Phi_{69}\ \Phi_{23}\ \Phi_9\ \Phi_3\ \Phi_1^2$
2841	208	105	$\frac{1}{35}$	$\frac{9}{35}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{105}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_3^2$
2842	208	175	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{12}{25}$	$\Phi_{175}\ \Phi_{35}\ \Phi_{25}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
2843	208	75	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{75}^4\ \Phi_{15}^5\ \Phi_3^4$
2844	208	23	$\frac{1}{23}$	$\frac{3}{23}$	$\frac{10}{23}$	$\frac{11}{23}$	$\Phi_{23}^9\ \Phi_1^{10}$
2845	208	69	$\frac{1}{23}$	$\frac{17}{69}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{69}^4\ \Phi_{23}\ \Phi_3^4\ \Phi_1^2$
2846	208	63	$\frac{1}{21}$	$\frac{11}{63}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{63}^4\ \Phi_{21}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
2847	208	99	$\frac{5}{99}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{47}{99}$	$\Phi_{99}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
2848	208	265	$\frac{3}{53}$	$\frac{1}{5}$	$\frac{14}{53}$	$\frac{25}{53}$	Φ_{265}
2849	208	147	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{23}{49}$	$\Phi_{147}^2\ \Phi_{21}^3\ \Phi_3^2$
2850	208	207	$\frac{13}{207}$	$\frac{38}{207}$	$\frac{55}{207}$	$\frac{97}{207}$	$\Phi_{207}\ \Phi_{69}\ \Phi_{23}\ \Phi_9\ \Phi_3\ \Phi_1^2$
2851	208	120	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{7}{15}$	$\Phi_{120}^3\ \Phi_{40}^3\ \Phi_{24}^4\ \Phi_{15}\ \Phi_8^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
2852	208	15	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{15}^{14}\ \Phi_5^{14}\ \Phi_3^{13}\ \Phi_1^{14}$
2853	208	90	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{7}{15}$	$\Phi_{90}^3\ \Phi_{45}^3\ \Phi_{18}^4\ \Phi_{15}\ \Phi_9^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
2854	208	240	$\frac{1}{15}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
2855	208	72	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{72}^6\ \Phi_{24}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
2856	208	120	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{120}^3\ \Phi_{40}^3\ \Phi_{24}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_1^4$
2857	208	189	$\frac{2}{21}$	$\frac{19}{189}$	$\frac{1}{3}$	$\frac{85}{189}$	$\Phi_{189}\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
2858	208	189	$\frac{19}{189}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{85}{189}$	$\Phi_{189}\ \Phi_{63}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
2859	208	18	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{18}^{16}\ \Phi_9^7\ \Phi_6^{16}\ \Phi_3^7\ \Phi_2^{16}\ \Phi_1^8$
2860	208	23	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{7}{23}$	$\frac{10}{23}$	$\Phi_{23}^9\ \Phi_1^{10}$
2861	208	42	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{42}^8\ \Phi_{21}^7\ \Phi_6^8\ \Phi_3^6$
2862	208	105	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{105}^2\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{15}^4\ \Phi_7^2\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
2863	208	45	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{1}{3}$	$\frac{19}{45}$	$\Phi_{45}^4\ \Phi_{15}^6\ \Phi_9^4\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
2864	208	45	$\frac{1}{9}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{19}{45}$	$\Phi_{45}^4\ \Phi_{15}^4\ \Phi_9^7\ \Phi_5^4\ \Phi_3^7\ \Phi_1^8$
2865	208	238	$\frac{1}{14}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{238}\ \Phi_{119}\ \Phi_{34}$
2866	208	165	$\frac{3}{55}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{165}^2\ \Phi_{33}^2\ \Phi_{15}$
2867	208	207	$\frac{11}{207}$	$\frac{49}{207}$	$\frac{64}{207}$	$\frac{79}{207}$	$\Phi_{207}\ \Phi_{69}\ \Phi_{23}\ \Phi_9\ \Phi_3\ \Phi_1^2$
2868	208	21	$\frac{1}{21}$	$\frac{5}{21}$	$\frac{1}{3}$	$\frac{8}{21}$	$\Phi_{21}^{10}\ \Phi_7^{10}\ \Phi_3^9\ \Phi_1^{10}$
2869	208	81	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{81}$	$\frac{29}{81}$	$\Phi_{81}^2\ \Phi_{27}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
2870	208	27	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{27}^8\ \Phi_9^8\ \Phi_3^5\ \Phi_1^6$
2871	208	153	$\frac{2}{51}$	$\frac{49}{153}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{153}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
2872	208	51	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{51}^3\ \Phi_{17}^6\ \Phi_3^4\ \Phi_1^8$
2873	208	210	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{10}^2$
2874	208	45	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{45}^6\ \Phi_{15}^4\ \Phi_9^2\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
2875	208	135	$\frac{1}{15}$	$\frac{31}{135}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{135}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
2876	208	75	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{75}$	$\frac{1}{3}$	$\Phi_{75}^2\ \Phi_{25}^4\ \Phi_{15}^3\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
2877	208	63	$\frac{2}{21}$	$\frac{11}{63}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{63}^3\ \Phi_{21}^4\ \Phi_9^3\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
2878	208	147	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{147}$	$\frac{1}{3}$	$\Phi_{147}\ \Phi_{49}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
2879	208	18	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{18}^{10}\ \Phi_9^{12}\ \Phi_6^{12}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
2880	208	144	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
2881	208	15	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{15}^{13}\ \Phi_5^{16}\ \Phi_3^{12}\ \Phi_1^{16}$
2882	208	375	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{375}\ \Phi_{15}$
2883	208	90	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{90}^3\ \Phi_{45}^3\ \Phi_{18}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_1^4$
2884	208	80	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{80}^3\ \Phi_{40}^3\ \Phi_{16}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_1^4$
2885	209	180	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{17}{36}$	$\Phi_{90}^2\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
2886	209	180	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{17}{36}$	$\Phi_{180}^2\ \Phi_{60}^2\ \Phi_{36}^3\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
2887	209	384	$\frac{1}{16}$	$\frac{17}{192}$	$\frac{175}{384}$	$\frac{15}{32}$	$\Phi_{384}\ \Phi_{128}\ \Phi_{32}\ \Phi_1$
2888	209	288	$\frac{1}{16}$	$\frac{17}{96}$	$\frac{79}{288}$	$\frac{15}{32}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
2889	209	256	$\frac{1}{16}$	$\frac{47}{256}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{256}\ \Phi_{128}\ \Phi_{32}\ \Phi_1$
2890	209	384	$\frac{17}{192}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{175}{384}$	$\Phi_{384}\ \Phi_{128}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
2891	209	288	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{79}{288}$	$\frac{65}{144}$	$\Phi_{288}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
2892	209	420	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{420}\ \Phi_{140}\ \Phi_{84}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_7\ \Phi_4\ \Phi_1$
2893	209	540	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{9}{20}$	$\Phi_{540}\ \Phi_{108}\ \Phi_{27}\ \Phi_{20}\ \Phi_4\ \Phi_1$
2894	209	120	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{9}{20}$	$\Phi_{120}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
2895	209	32	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{5}{16}$	$\frac{13}{32}$	$\Phi_{32}^{11}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
2896	209	96	$\frac{1}{12}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{96}^4\ \Phi_{32}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
2897	209	180	$\frac{1}{20}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{180}\ \Phi_{90}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
2898	209	80	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{80}^4\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
2899	209	24	$\frac{1}{12}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{24}^7\ \Phi_{12}^{10}\ \Phi_8^8\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
2900	209	60	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{60}^4\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
2901	209	240	$\frac{1}{8}$	$\frac{31}{240}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
2902	209	312	$\frac{1}{26}$	$\frac{25}{78}$	$\frac{103}{312}$	$\frac{53}{156}$	$\Phi_{312}\ \Phi_{104}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
2903	209	105	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{105}^2\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_{15}\ \Phi_7^3\ \Phi_3\ \Phi_1$
2904	209	135	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{8}{27}$	$\Phi_{135}^2\ \Phi_{27}^3\ \Phi_{15}\ \Phi_3\ \Phi_1$
2905	209	288	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{79}{288}$	$\frac{7}{24}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
2906	209	120	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\frac{4}{15}$	$\Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^3\ \Phi_8^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
2907	210	328	$\frac{1}{41}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{20}{41}$	$\Phi_{328}\ \Phi_{41}\ \Phi_8^2\ \Phi_1^2$
2908	210	340	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{33}{68}$	$\Phi_{340}\ \Phi_{68}^2\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
2909	210	204	$\frac{1}{34}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{204}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
2910	210	348	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{14}{29}$	$\Phi_{348}\ \Phi_{116}\ \Phi_{29}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
2911	210	261	$\frac{1}{29}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{261}\ \Phi_{29}\ \Phi_9^2\ \Phi_1^2$
2912	210	360	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{19}{40}$	$\Phi_{360}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}^2\ \Phi_{24}\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
2913	210	120	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{120}^3\ \Phi_{40}^4\ \Phi_{24}^3\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
2914	210	38	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{17}{38}$	$\frac{9}{19}$	$\Phi_{38}^{10}\ \Phi_{19}\ \Phi_2^{10}\ \Phi_1^2$
2915	210	66	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{31}{66}$	$\Phi_{66}^6\ \Phi_{22}^6\ \Phi_{11}\ \Phi_6^6\ \Phi_2^6\ \Phi_1^2$
2916	210	462	$\frac{2}{33}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{462}\ \Phi_{154}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
2917	210	364	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{13}{28}$	$\Phi_{364}\ \Phi_{52}\ \Phi_{28}^2\ \Phi_{13}\ \Phi_4^2\ \Phi_1^2$
2918	210	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{168}^2\ \Phi_{84}\ \Phi_{42}^2\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
2919	210	91	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{6}{13}$	$\Phi_{91}^2\ \Phi_{13}^3\ \Phi_7^4\ \Phi_1^6$
2920	210	156	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{156}^2\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
2921	210	336	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{336}\ \Phi_{112}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
2922	210	44	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{44}$	$\frac{5}{11}$	$\Phi_{44}^6\ \Phi_{22}^6\ \Phi_{11}\ \Phi_4^6\ \Phi_2^6\ \Phi_1^2$
2923	210	448	$\frac{3}{32}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{448}\ \Phi_{28}\ \Phi_{14}$
2924	210	209	$\frac{21}{209}$	$\frac{23}{209}$	$\frac{62}{209}$	$\frac{94}{209}$	$\Phi_{209}\ \Phi_{19}\ \Phi_{11}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
2925	210	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{3}{10}$	$\frac{4}{9}$	$\Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_9^3\ \Phi_6^2\ \Phi_5^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
2926	210	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{72}^3\ \Phi_{36}^2\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
2927	210	225	$\frac{1}{9}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{225}\ \Phi_{75}\ \Phi_{25}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
2928	210	258	$\frac{5}{43}$	$\frac{1}{6}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{258}\ \Phi_{129}\ \Phi_{86}$
2929	210	209	$\frac{25}{209}$	$\frac{34}{209}$	$\frac{39}{209}$	$\frac{92}{209}$	$\Phi_{209}\ \Phi_{19}\ \Phi_{11}\ \Phi_1^2$
2930	210	284	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{1}{4}$	$\frac{31}{71}$	$\Phi_{284}\ \Phi_{142}$
2931	210	209	$\frac{17}{209}$	$\frac{29}{209}$	$\frac{64}{209}$	$\frac{90}{209}$	$\Phi_{209}\ \Phi_{19}\ \Phi_{11}\ \Phi_1^2$
2932	210	248	$\frac{1}{8}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{248}\ \Phi_{124}\ \Phi_{62}$
2933	210	48	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{48}^5\ \Phi_{24}^5\ \Phi_{16}^4\ \Phi_{12}^3\ \Phi_8^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
2934	210	348	$\frac{2}{29}$	$\frac{1}{6}$	$\frac{9}{29}$	$\frac{5}{12}$	$\Phi_{348}\ \Phi_{116}\ \Phi_{29}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
2935	210	132	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{132}\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{11}^2$
2936	210	348	$\frac{4}{29}$	$\frac{1}{6}$	$\frac{5}{29}$	$\frac{5}{12}$	$\Phi_{348}\ \Phi_{116}\ \Phi_{29}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
2937	210	84	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{84}^5\ \Phi_{42}\ \Phi_{28}^5\ \Phi_{21}\ \Phi_{14}$
2938	210	209	$\frac{24}{209}$	$\frac{37}{209}$	$\frac{41}{209}$	$\frac{86}{209}$	$\Phi_{209}\ \Phi_{19}\ \Phi_{11}\ \Phi_1^2$
2939	210	284	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{1}{4}$	$\frac{29}{71}$	$\Phi_{284}\ \Phi_{142}$
2940	210	176	$\frac{1}{11}$	$\frac{17}{88}$	$\frac{5}{22}$	$\frac{71}{176}$	$\Phi_{176}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
2941	210	255	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{16}{51}$	$\frac{2}{5}$	$\Phi_{255}\ \Phi_{51}^2\ \Phi_{15}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
2942	210	80	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
2943	210	85	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{85}^2\ \Phi_{17}^4\ \Phi_5^3\ \Phi_1^6$
2944	210	120	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
2945	210	44	$\frac{1}{11}$	$\frac{9}{44}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{44}^4\ \Phi_{22}^6\ \Phi_{11}^5\ \Phi_4^4\ \Phi_2^6\ \Phi_1^6$
2946	210	57	$\frac{1}{19}$	$\frac{13}{57}$	$\frac{6}{19}$	$\frac{22}{57}$	$\Phi_{57}^3\ \Phi_{19}^5\ \Phi_3^3\ \Phi_1^6$
2947	210	152	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{47}{152}$	$\frac{29}{76}$	$\Phi_{152}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
2948	210	264	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{264}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_6$
2949	210	328	$\frac{2}{41}$	$\frac{1}{4}$	$\frac{13}{41}$	$\frac{3}{8}$	$\Phi_{328}\ \Phi_{41}\ \Phi_8^2\ \Phi_1^2$
2950	210	120	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^3\ \Phi_{60}\ \Phi_{40}^3\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
2951	210	328	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{328}\ \Phi_{41}\ \Phi_8^2\ \Phi_1^2$
2952	210	56	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{56}^4\ \Phi_{28}^5\ \Phi_{14}^5\ \Phi_7^4$
2953	210	38	$\frac{3}{38}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{38}^6\ \Phi_{19}^5\ \Phi_2^6\ \Phi_1^6$
2954	210	11	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{4}{11}$	$\Phi_{11}^{19}\ \Phi_1^{20}$
2955	210	248	$\frac{1}{8}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{248}\ \Phi_{124}\ \Phi_{62}$
2956	210	209	$\frac{26}{209}$	$\frac{27}{209}$	$\frac{61}{209}$	$\frac{74}{209}$	$\Phi_{209}\ \Phi_{19}\ \Phi_{11}\ \Phi_1^2$
2957	210	378	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{378}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
2958	210	258	$\frac{4}{43}$	$\frac{1}{6}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{258}\ \Phi_{129}\ \Phi_{86}$
2959	210	144	$\frac{1}{16}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
2960	210	204	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{204}\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
2961	210	261	$\frac{2}{29}$	$\frac{2}{9}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{261}\ \Phi_{29}\ \Phi_9^2\ \Phi_1^2$
2962	210	30	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{30}^6\ \Phi_{15}^6\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
2963	210	318	$\frac{13}{106}$	$\frac{15}{106}$	$\frac{31}{106}$	$\frac{1}{3}$	$\Phi_{318}\ \Phi_{159}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
2964	210	168	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3$
2965	210	318	$\frac{11}{106}$	$\frac{19}{106}$	$\frac{29}{106}$	$\frac{1}{3}$	$\Phi_{318}\ \Phi_{159}\ \Phi_6$
2966	210	396	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}\ \Phi_{198}\ \Phi_{44}\ \Phi_{22}$
2967	210	204	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^2\ \Phi_{102}^2\ \Phi_{12}^3\ \Phi_6^3$
2968	210	24	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{24}^9\ \Phi_{12}^6\ \Phi_8^{12}\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
2969	210	261	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{261}\ \Phi_{29}\ \Phi_9^2\ \Phi_1^2$
2970	210	126	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{126}^3\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
2971	210	150	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{150}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
2972	210	33	$\frac{5}{33}$	$\frac{2}{11}$	$\frac{8}{33}$	$\frac{3}{11}$	$\Phi_{33}^6\ \Phi_{11}^7\ \Phi_3^6\ \Phi_1^8$
2973	210	336	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
2974	211	336	$\frac{1}{42}$	$\frac{43}{168}$	$\frac{125}{336}$	$\frac{41}{84}$	$\Phi_{336}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
2975	211	360	$\frac{1}{30}$	$\frac{31}{180}$	$\frac{149}{360}$	$\frac{29}{60}$	$\Phi_{360}\ \Phi_{120}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
2976	211	408	$\frac{7}{204}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{197}{408}$	$\Phi_{408}\ \Phi_{136}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
2977	211	400	$\frac{11}{200}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{189}{400}$	$\Phi_{400}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
2978	211	396	$\frac{13}{198}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{185}{396}$	$\Phi_{396}\ \Phi_{132}\ \Phi_{44}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
2979	211	288	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{77}{288}$	$\frac{67}{144}$	$\Phi_{288}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
2980	211	392	$\frac{1}{14}$	$\frac{15}{196}$	$\frac{181}{392}$	$\frac{13}{28}$	$\Phi_{392}\ \Phi_{56}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
2981	211	384	$\frac{19}{192}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{173}{384}$	$\Phi_{384}\ \Phi_{128}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
2982	211	300	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{89}{300}$	$\frac{9}{20}$	$\Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
2983	211	240	$\frac{1}{10}$	$\frac{29}{240}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
2984	211	360	$\frac{1}{15}$	$\frac{31}{180}$	$\frac{14}{45}$	$\frac{149}{360}$	$\Phi_{360}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
2985	211	360	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{180}$	$\frac{149}{360}$	$\Phi_{360}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
2986	211	300	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{89}{300}$	$\frac{61}{150}$	$\Phi_{300}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
2987	211	240	$\frac{29}{240}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
2988	211	336	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{168}$	$\frac{125}{336}$	$\Phi_{336}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
2989	211	324	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{162}$	$\frac{113}{324}$	$\Phi_{324}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
2990	211	270	$\frac{1}{15}$	$\frac{59}{270}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{270}\ \Phi_{135}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_9\ \Phi_1$
2991	211	288	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\frac{77}{288}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
2992	212	312	$\frac{1}{52}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{312}\ \Phi_{104}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
2993	212	510	$\frac{2}{51}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{510}\ \Phi_{170}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
2994	212	360	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{360}\ \Phi_{120}\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
2995	212	480	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{43}{96}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
2996	212	60	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{60}^3\ \Phi_{30}^4\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
2997	212	90	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{5}$	$\frac{37}{90}$	$\Phi_{90}^4\ \Phi_{45}\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
2998	212	78	$\frac{1}{26}$	$\frac{25}{78}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{78}^3\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
2999	212	168	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{168}\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
3000	212	195	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}\ \Phi_{65}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
3001	212	360	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
3002	213	416	$\frac{5}{208}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{203}{416}$	$\Phi_{416}\ \Phi_{32}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
3003	213	276	$\frac{2}{69}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{276}\ \Phi_{92}\ \Phi_{69}\ \Phi_{23}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
3004	213	96	$\frac{1}{24}$	$\frac{1}{4}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{96}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
3005	213	136	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{136}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
3006	213	132	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{61}{132}$	$\Phi_{132}\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
3007	213	128	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{57}{128}$	$\Phi_{128}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
3008	213	80	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
3009	213	252	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{4}$	$\frac{55}{126}$	$\Phi_{252}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
3010	213	120	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{4}$	$\frac{49}{120}$	$\Phi_{120}^3\ \Phi_{40}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
3011	213	75	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{75}^3\ \Phi_{25}^3\ \Phi_{15}^2\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
3012	213	104	$\frac{5}{104}$	$\frac{1}{4}$	$\frac{33}{104}$	$\frac{3}{8}$	$\Phi_{104}^2\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
3013	213	224	$\frac{11}{224}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
3014	213	108	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{108}\ \Phi_{54}^2\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
3015	213	96	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\frac{25}{96}$	$\Phi_{96}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
3016	214	210	$\frac{2}{105}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{103}{210}$	$\Phi_{210}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3017	214	144	$\frac{1}{36}$	$\frac{37}{144}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{144}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3018	214	624	$\frac{3}{104}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{101}{208}$	$\Phi_{624}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
3019	214	207	$\frac{7}{207}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{100}{207}$	$\Phi_{207}\ \Phi_{69}\ \Phi_{23}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
3020	214	204	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{97}{204}$	$\Phi_{204}^2\ \Phi_{68}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3021	214	198	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{91}{198}$	$\Phi_{198}^2\ \Phi_{66}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3022	214	120	$\frac{1}{12}$	$\frac{13}{120}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3023	214	192	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{3}$	$\frac{85}{192}$	$\Phi_{192}^2\ \Phi_{64}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3024	214	189	$\frac{2}{27}$	$\frac{25}{189}$	$\frac{1}{3}$	$\frac{82}{189}$	$\Phi_{189}\ \Phi_{63}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
3025	214	180	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{1}{3}$	$\frac{73}{180}$	$\Phi_{180}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3026	214	336	$\frac{5}{112}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
3027	214	162	$\frac{1}{27}$	$\frac{26}{81}$	$\frac{1}{3}$	$\frac{55}{162}$	$\Phi_{162}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3028	214	126	$\frac{2}{21}$	$\frac{19}{126}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{126}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3029	214	120	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3030	214	156	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{156}$	$\frac{1}{3}$	$\Phi_{156}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3031	214	144	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{144}$	$\frac{1}{3}$	$\Phi_{144}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3032	215	168	$\frac{1}{42}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{41}{84}$	$\Phi_{168}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
3033	215	240	$\frac{3}{40}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{240}^2\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
3034	215	360	$\frac{2}{45}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{360}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
3035	215	504	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{20}{63}$	$\frac{3}{8}$	$\Phi_{504}\ \Phi_{72}\ \Phi_{63}\ \Phi_9\ \Phi_8\ \Phi_1$
3036	215	56	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{56}^3\ \Phi_{28}^5\ \Phi_{14}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
3037	215	48	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{48}^5\ \Phi_{24}^3\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
3038	215	392	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{392}\ \Phi_{49}\ \Phi_8\ \Phi_1$
3039	215	66	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{66}^3\ \Phi_{33}^4\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_6^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
3040	215	60	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
3041	216	159	$\frac{1}{53}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{159}\ \Phi_{53}^2\ \Phi_3^2\ \Phi_1^4$
3042	216	43	$\frac{1}{43}$	$\frac{11}{43}$	$\frac{16}{43}$	$\frac{21}{43}$	$\Phi_{43}^5\ \Phi_1^6$
3043	216	327	$\frac{3}{109}$	$\frac{28}{109}$	$\frac{1}{3}$	$\frac{53}{109}$	Φ_{327}
3044	216	35	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{17}{35}$	$\Phi_{35}^6\ \Phi_7^6\ \Phi_5^7\ \Phi_1^8$
3045	216	420	$\frac{1}{35}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
3046	216	215	$\frac{7}{215}$	$\frac{37}{215}$	$\frac{89}{215}$	$\frac{104}{215}$	$\Phi_{215}\ \Phi_{43}\ \Phi_5\ \Phi_1^2$
3047	216	364	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{25}{52}$	$\Phi_{364}\ \Phi_{52}^2\ \Phi_{28}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
3048	216	780	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{780}\ \Phi_{60}\ \Phi_{15}$
3049	216	292	$\frac{3}{73}$	$\frac{1}{4}$	$\frac{19}{73}$	$\frac{35}{73}$	$\Phi_{292}\ \Phi_{146}$
3050	216	215	$\frac{9}{215}$	$\frac{53}{215}$	$\frac{56}{215}$	$\frac{103}{215}$	$\Phi_{215}\ \Phi_{43}\ \Phi_5\ \Phi_1^2$
3051	216	368	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{11}{23}$	$\Phi_{368}\ \Phi_{23}\ \Phi_{16}^2\ \Phi_1^2$
3052	216	92	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
3053	216	327	$\frac{5}{109}$	$\frac{19}{109}$	$\frac{1}{3}$	$\frac{52}{109}$	Φ_{327}
3054	216	187	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{8}{17}$	$\Phi_{187}\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_1^4$
3055	216	357	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{357}\ \Phi_{21}^2$
3056	216	187	$\frac{1}{17}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{8}{17}$	$\Phi_{187}\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_1^4$
3057	216	340	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{340}\ \Phi_{170}\ \Phi_{20}^2\ \Phi_{10}^2$
3058	216	215	$\frac{13}{215}$	$\frac{19}{215}$	$\frac{98}{215}$	$\frac{101}{215}$	$\Phi_{215}\ \Phi_{43}\ \Phi_5\ \Phi_1^2$
3059	216	215	$\frac{13}{215}$	$\frac{38}{215}$	$\frac{59}{215}$	$\frac{101}{215}$	$\Phi_{215}\ \Phi_{43}\ \Phi_5\ \Phi_1^2$
3060	216	292	$\frac{5}{73}$	$\frac{13}{73}$	$\frac{1}{4}$	$\frac{34}{73}$	$\Phi_{292}\ \Phi_{146}$
3061	216	215	$\frac{17}{215}$	$\frac{29}{215}$	$\frac{62}{215}$	$\frac{99}{215}$	$\Phi_{215}\ \Phi_{43}\ \Phi_5\ \Phi_1^2$
3062	216	50	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{50}^8\ \Phi_{10}^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
3063	216	259	$\frac{3}{37}$	$\frac{1}{7}$	$\frac{10}{37}$	$\frac{17}{37}$	Φ_{259}
3064	216	215	$\frac{19}{215}$	$\frac{39}{215}$	$\frac{44}{215}$	$\frac{98}{215}$	$\Phi_{215}\ \Phi_{43}\ \Phi_5\ \Phi_1^2$
3065	216	330	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{330}\ \Phi_{165}\ \Phi_{66}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
3066	216	187	$\frac{1}{11}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{5}{11}$	$\Phi_{187}\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_1^4$
3067	216	308	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{308}\ \Phi_{154}\ \Phi_{28}^2\ \Phi_{14}^2$
3068	216	55	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{55}^5\ \Phi_5^4$
3069	216	292	$\frac{7}{73}$	$\frac{10}{73}$	$\frac{1}{4}$	$\frac{33}{73}$	$\Phi_{292}\ \Phi_{146}$
3070	216	215	$\frac{21}{215}$	$\frac{26}{215}$	$\frac{59}{215}$	$\frac{97}{215}$	$\Phi_{215}\ \Phi_{43}\ \Phi_5\ \Phi_1^2$
3071	216	327	$\frac{10}{109}$	$\frac{11}{109}$	$\frac{1}{3}$	$\frac{49}{109}$	Φ_{327}
3072	216	43	$\frac{4}{43}$	$\frac{5}{43}$	$\frac{13}{43}$	$\frac{19}{43}$	$\Phi_{43}^5\ \Phi_1^6$
3073	216	43	$\frac{5}{43}$	$\frac{7}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{43}^5\ \Phi_1^6$
3074	216	50	$\frac{1}{10}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{50}^5\ \Phi_{25}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
3075	216	624	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{624}\ \Phi_{39}$
3076	216	368	$\frac{2}{23}$	$\frac{1}{8}$	$\frac{7}{23}$	$\frac{7}{16}$	$\Phi_{368}\ \Phi_{23}\ \Phi_{16}^2\ \Phi_1^2$
3077	216	144	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{144}^3\ \Phi_{48}^3\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
3078	216	368	$\frac{1}{8}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{7}{16}$	$\Phi_{368}\ \Phi_{23}\ \Phi_{16}^2\ \Phi_1^2$
3079	216	560	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{560}\ \Phi_{35}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
3080	216	259	$\frac{5}{37}$	$\frac{1}{7}$	$\frac{7}{37}$	$\frac{16}{37}$	Φ_{259}
3081	216	91	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{4}{13}$	$\frac{3}{7}$	$\Phi_{91}^2\ \Phi_{13}^4\ \Phi_7^3\ \Phi_1^6$
3082	216	140	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{140}^2\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
3083	216	215	$\frac{29}{215}$	$\frac{31}{215}$	$\frac{41}{215}$	$\frac{92}{215}$	$\Phi_{215}\ \Phi_{43}\ \Phi_5\ \Phi_1^2$
3084	216	292	$\frac{7}{73}$	$\frac{11}{73}$	$\frac{1}{4}$	$\frac{31}{73}$	$\Phi_{292}\ \Phi_{146}$
3085	216	215	$\frac{17}{215}$	$\frac{33}{215}$	$\frac{62}{215}$	$\frac{91}{215}$	$\Phi_{215}\ \Phi_{43}\ \Phi_5\ \Phi_1^2$
3086	216	327	$\frac{7}{109}$	$\frac{17}{109}$	$\frac{1}{3}$	$\frac{46}{109}$	Φ_{327}
3087	216	215	$\frac{14}{215}$	$\frac{37}{215}$	$\frac{67}{215}$	$\frac{89}{215}$	$\Phi_{215}\ \Phi_{43}\ \Phi_5\ \Phi_1^2$
3088	216	285	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{285}\ \Phi_{57}^2$
3089	216	35	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{11}{35}$	$\frac{2}{5}$	$\Phi_{35}^6\ \Phi_7^6\ \Phi_5^7\ \Phi_1^8$
3090	216	260	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{260}\ \Phi_{130}\ \Phi_{52}^2\ \Phi_{26}^2$
3091	216	35	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{8}{35}$	$\frac{2}{5}$	$\Phi_{35}^6\ \Phi_7^6\ \Phi_5^7\ \Phi_1^8$
3092	216	10	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{10}^{24}\ \Phi_5^{19}\ \Phi_2^{24}\ \Phi_1^{20}$
3093	216	35	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{35}^5\ \Phi_7^{10}\ \Phi_5^6\ \Phi_1^{12}$
3094	216	220	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{220}^2\ \Phi_{55}\ \Phi_{20}^2$
3095	216	215	$\frac{11}{215}$	$\frac{49}{215}$	$\frac{68}{215}$	$\frac{83}{215}$	$\Phi_{215}\ \Phi_{43}\ \Phi_5\ \Phi_1^2$
3096	216	215	$\frac{19}{215}$	$\frac{44}{215}$	$\frac{49}{215}$	$\frac{83}{215}$	$\Phi_{215}\ \Phi_{43}\ \Phi_5\ \Phi_1^2$
3097	216	247	$\frac{1}{19}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{247}
3098	216	292	$\frac{5}{73}$	$\frac{17}{73}$	$\frac{1}{4}$	$\frac{28}{73}$	$\Phi_{292}\ \Phi_{146}$
3099	216	288	$\frac{1}{9}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
3100	216	43	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{11}{43}$	$\frac{16}{43}$	$\Phi_{43}^5\ \Phi_1^6$
3101	216	247	$\frac{1}{13}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	Φ_{247}
3102	216	50	$\frac{1}{10}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{50}^5\ \Phi_{25}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
3103	216	215	$\frac{23}{215}$	$\frac{32}{215}$	$\frac{61}{215}$	$\frac{77}{215}$	$\Phi_{215}\ \Phi_{43}\ \Phi_5\ \Phi_1^2$
3104	216	126	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{126}^3\ \Phi_{63}\ \Phi_{42}^3\ \Phi_{21}\ \Phi_{18}^3\ \Phi_6^3$
3105	216	259	$\frac{4}{37}$	$\frac{1}{7}$	$\frac{11}{37}$	$\frac{13}{37}$	Φ_{259}
3106	216	43	$\frac{4}{43}$	$\frac{7}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{43}^5\ \Phi_1^6$
3107	216	55	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{55}^4\ \Phi_{11}^4\ \Phi_5^3\ \Phi_1^4$
3108	216	215	$\frac{14}{215}$	$\frac{47}{215}$	$\frac{67}{215}$	$\frac{74}{215}$	$\Phi_{215}\ \Phi_{43}\ \Phi_5\ \Phi_1^2$
3109	216	292	$\frac{4}{73}$	$\frac{1}{4}$	$\frac{23}{73}$	$\frac{25}{73}$	$\Phi_{292}\ \Phi_{146}$
3110	216	215	$\frac{8}{215}$	$\frac{69}{215}$	$\frac{71}{215}$	$\frac{73}{215}$	$\Phi_{215}\ \Phi_{43}\ \Phi_5\ \Phi_1^2$
3111	216	327	$\frac{4}{109}$	$\frac{35}{109}$	$\frac{1}{3}$	$\frac{37}{109}$	Φ_{327}
3112	216	84	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{84}^3\ \Phi_{42}^3\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
3113	216	159	$\frac{2}{53}$	$\frac{17}{53}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{159}\ \Phi_{53}^2\ \Phi_3^2\ \Phi_1^4$
3114	216	228	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{228}\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{38}^2$
3115	216	159	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{159}\ \Phi_{53}^2\ \Phi_3^2\ \Phi_1^4$
3116	216	210	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{14}^2$
3117	216	420	$\frac{2}{35}$	$\frac{1}{4}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
3118	216	327	$\frac{7}{109}$	$\frac{25}{109}$	$\frac{34}{109}$	$\frac{1}{3}$	Φ_{327}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
3119	216	195	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{195}^2\ \Phi_{15}^3$
3120	216	327	$\frac{10}{109}$	$\frac{19}{109}$	$\frac{33}{109}$	$\frac{1}{3}$	Φ_{327}
3121	216	357	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{357}\ \Phi_{21}^2$
3122	216	327	$\frac{13}{109}$	$\frac{16}{109}$	$\frac{31}{109}$	$\frac{1}{3}$	Φ_{327}
3123	216	330	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{330}\ \Phi_{165}\ \Phi_{66}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
3124	216	327	$\frac{9}{109}$	$\frac{25}{109}$	$\frac{28}{109}$	$\frac{1}{3}$	Φ_{327}
3125	216	156	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^2\ \Phi_{78}^2\ \Phi_{39}^3$
3126	216	420	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
3127	216	60	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^7\ \Phi_{30}^3\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_6^4\ \Phi_3^4$
3128	216	84	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^5\ \Phi_{42}^5\ \Phi_{12}^6\ \Phi_6^6$
3129	216	92	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
3130	216	43	$\frac{4}{43}$	$\frac{10}{43}$	$\frac{11}{43}$	$\frac{13}{43}$	$\Phi_{43}^5\ \Phi_1^6$
3131	216	292	$\frac{7}{73}$	$\frac{17}{73}$	$\frac{1}{4}$	$\frac{22}{73}$	$\Phi_{292}\ \Phi_{146}$
3132	216	187	$\frac{2}{17}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{5}{17}$	$\Phi_{187}\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_1^4$
3133	216	340	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{340}\ \Phi_{170}\ \Phi_{20}^2\ \Phi_{10}^2$
3134	216	215	$\frac{26}{215}$	$\frac{38}{215}$	$\frac{59}{215}$	$\frac{63}{215}$	$\Phi_{215}\ \Phi_{43}\ \Phi_5\ \Phi_1^2$
3135	216	55	$\frac{7}{55}$	$\frac{1}{5}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{55}^4\ \Phi_{11}^4\ \Phi_5^3\ \Phi_1^4$
3136	216	215	$\frac{29}{215}$	$\frac{41}{215}$	$\frac{51}{215}$	$\frac{62}{215}$	$\Phi_{215}\ \Phi_{43}\ \Phi_5\ \Phi_1^2$
3137	216	292	$\frac{10}{73}$	$\frac{13}{73}$	$\frac{1}{4}$	$\frac{21}{73}$	$\Phi_{292}\ \Phi_{146}$
3138	216	25	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{25}^8\ \Phi_5^{11}\ \Phi_1^{12}$
3139	216	308	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{308}\ \Phi_{154}\ \Phi_{28}^2\ \Phi_{14}^2$
3140	216	259	$\frac{1}{7}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	Φ_{259}
3141	216	215	$\frac{27}{215}$	$\frac{47}{215}$	$\frac{53}{215}$	$\frac{56}{215}$	$\Phi_{215}\ \Phi_{43}\ \Phi_5\ \Phi_1^2$
3142	216	292	$\frac{9}{73}$	$\frac{16}{73}$	$\frac{1}{4}$	$\frac{19}{73}$	$\Phi_{292}\ \Phi_{146}$
3143	216	36	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{36}^7\ \Phi_{18}^7\ \Phi_{12}^7\ \Phi_9^6\ \Phi_6^7\ \Phi_3^6$
3144	216	92	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
3145	216	140	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}^3$
3146	217	60	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{29}{60}$	$\Phi_{60}\ \Phi_{30}^6\ \Phi_{20}\ \Phi_{15}^6\ \Phi_{12}^2\ \Phi_{10}^6\ \Phi_6^6\ \Phi_5^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
3147	217	180	$\frac{1}{30}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{180}^3\ \Phi_{60}\ \Phi_{36}^3\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
3148	217	384	$\frac{1}{24}$	$\frac{25}{192}$	$\frac{167}{384}$	$\frac{23}{48}$	$\Phi_{384}\ \Phi_{128}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
3149	217	288	$\frac{1}{24}$	$\frac{71}{288}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
3150	217	416	$\frac{9}{208}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{199}{416}$	$\Phi_{416}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
3151	217	264	$\frac{3}{44}$	$\frac{47}{264}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
3152	217	400	$\frac{17}{200}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{183}{400}$	$\Phi_{400}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
3153	217	56	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{56}^3\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_8^6\ \Phi_7^4\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
3154	217	384	$\frac{1}{8}$	$\frac{25}{192}$	$\frac{7}{32}$	$\frac{167}{384}$	$\Phi_{384}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
3155	217	240	$\frac{23}{240}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
3156	217	132	$\frac{2}{33}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{132}^3\ \Phi_{44}^3\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
3157	217	180	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{14}{45}$	$\frac{5}{12}$	$\Phi_{180}^3\ \Phi_{45}\ \Phi_{36}^3\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
3158	217	120	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{40}$	$\frac{5}{12}$	$\Phi_{120}^2\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
3159	217	420	$\frac{4}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{420}\ \Phi_{140}\ \Phi_{84}\ \Phi_{35}\ \Phi_{28}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
3160	217	36	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{36}^7\ \Phi_{18}^7\ \Phi_{12}^2\ \Phi_9^7\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
3161	217	270	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{53}{270}$	$\frac{37}{90}$	$\Phi_{270}\ \Phi_{135}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_5\ \Phi_1$
3162	217	360	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{180}$	$\frac{143}{360}$	$\Phi_{360}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
3163	217	256	$\frac{1}{8}$	$\frac{39}{256}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{256}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
3164	217	352	$\frac{3}{44}$	$\frac{41}{176}$	$\frac{1}{4}$	$\frac{135}{352}$	$\Phi_{352}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
3165	217	48	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{48}^7\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
3166	217	324	$\frac{1}{27}$	$\frac{26}{81}$	$\frac{107}{324}$	$\frac{55}{162}$	$\Phi_{324}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
3167	217	99	$\frac{2}{33}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{99}^3\ \Phi_{33}\ \Phi_{11}\ \Phi_9\ \Phi_1$
3168	217	45	$\frac{1}{15}$	$\frac{2}{9}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{45}^4\ \Phi_{15}^6\ \Phi_9^5\ \Phi_5^6\ \Phi_3^6\ \Phi_1^7$
3169	217	360	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{72}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
3170	217	315	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{315}\ \Phi_{63}\ \Phi_{35}\ \Phi_9\ \Phi_7\ \Phi_1$
3171	217	36	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{36}^7\ \Phi_{18}^4\ \Phi_{12}^7\ \Phi_9^5\ \Phi_6^6\ \Phi_4^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
3172	217	40	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{40}^7\ \Phi_{20}^3\ \Phi_{10}^5\ \Phi_8^7\ \Phi_5^5\ \Phi_4^2\ \Phi_2^4\ \Phi_1^5$
3173	217	300	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\frac{83}{300}$	$\Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
3174	217	288	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{71}{288}$	$\frac{25}{96}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
3175	218	186	$\frac{1}{31}$	$\frac{16}{93}$	$\frac{77}{186}$	$\frac{15}{31}$	$\Phi_{186}^2\ \Phi_{62}^2\ \Phi_{31}\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
3176	218	210	$\frac{4}{105}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{101}{210}$	$\Phi_{210}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
3177	218	210	$\frac{4}{105}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{101}{210}$	$\Phi_{210}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
3178	218	132	$\frac{1}{22}$	$\frac{23}{132}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{132}\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3179	218	600	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{91}{200}$	$\Phi_{600}\ \Phi_{120}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
3180	218	120	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{120}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3181	218	198	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{3}$	$\frac{89}{198}$	$\Phi_{198}^2\ \Phi_{66}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_2^2$
3182	218	196	$\frac{11}{98}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{87}{196}$	$\Phi_{196}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
3183	218	140	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{31}{140}$	$\frac{3}{7}$	$\Phi_{140}^2\ \Phi_{70}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
3184	218	126	$\frac{17}{126}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{126}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
3185	218	528	$\frac{1}{22}$	$\frac{21}{88}$	$\frac{1}{3}$	$\frac{67}{176}$	$\Phi_{528}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_6$
3186	218	168	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{84}$	$\frac{59}{168}$	$\Phi_{168}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
3187	218	132	$\frac{1}{11}$	$\frac{23}{132}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
3188	218	150	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{150}$	$\frac{1}{3}$	$\Phi_{150}\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3189	218	120	$\frac{11}{120}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
3190	218	420	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{140}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
3191	220	108	$\frac{1}{54}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{53}{108}$	$\Phi_{108}^4\ \Phi_{36}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
3192	220	344	$\frac{1}{43}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{21}{43}$	$\Phi_{344}\ \Phi_{43}\ \Phi_8^2\ \Phi_1^2$
3193	220	222	$\frac{1}{37}$	$\frac{19}{74}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{222}^2\ \Phi_{111}\ \Phi_6^2$
3194	220	63	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{10}{21}$	$\Phi_{63}^3\ \Phi_{21}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_3^5\ \Phi_1^6$
3195	220	42	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{42}^6\ \Phi_{21}^4\ \Phi_{14}^6\ \Phi_7^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
3196	220	219	$\frac{11}{219}$	$\frac{23}{219}$	$\frac{98}{219}$	$\frac{104}{219}$	$\Phi_{219}\ \Phi_{73}\ \Phi_3\ \Phi_1^2$
3197	220	380	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{9}{19}$	$\Phi_{380}\ \Phi_{76}\ \Phi_{20}^2\ \Phi_{19}\ \Phi_4^2\ \Phi_1^2$
3198	220	285	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{9}{19}$	$\Phi_{285}\ \Phi_{57}\ \Phi_{19}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
3199	220	520	$\frac{3}{52}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{520}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
3200	220	30	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{30}^9\ \Phi_{15}^6\ \Phi_{10}^9\ \Phi_6^8\ \Phi_5^6\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
3201	220	219	$\frac{17}{219}$	$\frac{32}{219}$	$\frac{59}{219}$	$\frac{101}{219}$	$\Phi_{219}\ \Phi_{73}\ \Phi_3\ \Phi_1^2$
3202	220	111	$\frac{3}{37}$	$\frac{4}{37}$	$\frac{1}{3}$	$\frac{17}{37}$	$\Phi_{111}^3\ \Phi_3^2$
3203	220	660	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{660}\ \Phi_{132}\ \Phi_{33}$
3204	220	380	$\frac{1}{10}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{9}{20}$	$\Phi_{380}\ \Phi_{76}\ \Phi_{20}^2\ \Phi_{19}\ \Phi_4^2\ \Phi_1^2$
3205	220	60	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{60}^8\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^8\ \Phi_{10}\ \Phi_4^4$
3206	220	36	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{36}^6\ \Phi_{18}^6\ \Phi_{12}^8\ \Phi_9^4\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
3207	220	126	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{4}{9}$	$\Phi_{126}^2\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^4\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
3208	220	54	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{54}^6\ \Phi_{27}^4\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3209	220	490	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{43}{98}$	$\Phi_{490}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
3210	220	320	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{320}\ \Phi_{160}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
3211	220	84	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{84}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2$
3212	220	480	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{5}$	$\frac{41}{96}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
3213	220	219	$\frac{14}{219}$	$\frac{41}{219}$	$\frac{65}{219}$	$\frac{89}{219}$	$\Phi_{219}\ \Phi_{73}\ \Phi_3\ \Phi_1^2$
3214	220	111	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{1}{3}$	$\frac{15}{37}$	$\Phi_{111}^3\ \Phi_3^2$
3215	220	150	$\frac{3}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{150}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
3216	220	126	$\frac{1}{21}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{126}^3\ \Phi_{42}^3\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3217	220	18	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{18}^{11}\ \Phi_9^{14}\ \Phi_6^{10}\ \Phi_3^{13}\ \Phi_2^{10}\ \Phi_1^{14}$
3218	220	552	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{552}\ \Phi_{69}$
3219	220	336	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{336}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
3220	220	344	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{344}\ \Phi_{43}\ \Phi_8^2\ \Phi_1^2$
3221	220	120	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^4\ \Phi_{60}\ \Phi_{40}^3\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
3222	220	420	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{420}\ \Phi_{140}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
3223	220	57	$\frac{2}{57}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{57}^4\ \Phi_{19}^4\ \Phi_3\ \Phi_1^2$
3224	220	81	$\frac{1}{27}$	$\frac{26}{81}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{81}^4\ \Phi_3\ \Phi_1^2$
3225	220	72	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{72}^4\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
3226	220	117	$\frac{7}{117}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{117}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
3227	220	27	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{27}^8\ \Phi_9^8\ \Phi_3^9\ \Phi_1^{10}$
3228	220	12	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{12}^{20}\ \Phi_6^{16}\ \Phi_4^{20}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
3229	220	63	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{63}^4\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
3230	220	126	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{126}^3\ \Phi_{63}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3231	220	165	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{165}\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{11}^2$
3232	220	108	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{108}^3\ \Phi_{54}^3\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3233	220	42	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{42}^4\ \Phi_{21}^5\ \Phi_{14}^6\ \Phi_7^6\ \Phi_6^6\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
3234	220	360	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
3235	220	70	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{70}^5\ \Phi_{35}^3\ \Phi_{10}^5\ \Phi_5^2$
3236	220	285	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\frac{4}{15}$	$\Phi_{285}\ \Phi_{57}\ \Phi_{19}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
3237	220	30	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{30}^9\ \Phi_{15}^5\ \Phi_{10}^9\ \Phi_6^8\ \Phi_5^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
3238	221	352	$\frac{1}{44}$	$\frac{45}{176}$	$\frac{131}{352}$	$\frac{43}{88}$	$\Phi_{352}\ \Phi_{88}\ \Phi_{32}\ \Phi_8\ \Phi_1$
3239	221	432	$\frac{5}{216}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{211}{432}$	$\Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
3240	221	25	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{8}{25}$	$\frac{12}{25}$	$\Phi_{25}^9\ \Phi_5^8\ \Phi_1^9$
3241	221	400	$\frac{1}{20}$	$\frac{21}{200}$	$\frac{179}{400}$	$\frac{19}{40}$	$\Phi_{400}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_8\ \Phi_1$
3242	221	420	$\frac{11}{210}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{199}{420}$	$\Phi_{420}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
3243	221	300	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{79}{300}$	$\frac{71}{150}$	$\Phi_{300}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
3244	221	96	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{15}{32}$	$\Phi_{96}^4\ \Phi_{32}^5\ \Phi_{24}\ \Phi_8\ \Phi_1$
3245	221	480	$\frac{1}{16}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{32}\ \Phi_{15}\ \Phi_5\ \Phi_1$
3246	221	288	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{15}{32}$	$\Phi_{288}^2\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
3247	221	32	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{32}^{13}\ \Phi_{16}\ \Phi_8\ \Phi_1$
3248	221	24	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{11}{24}$	$\Phi_{24}^{10}\ \Phi_{12}^9\ \Phi_8^9\ \Phi_6^9\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
3249	221	120	$\frac{1}{12}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{120}^4\ \Phi_{40}^4\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
3250	221	270	$\frac{4}{45}$	$\frac{49}{270}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{270}\ \Phi_{135}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
3251	221	256	$\frac{3}{32}$	$\frac{35}{256}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{256}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
3252	221	400	$\frac{21}{200}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{179}{400}$	$\Phi_{400}\ \Phi_{80}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
3253	221	396	$\frac{1}{11}$	$\frac{23}{198}$	$\frac{10}{33}$	$\frac{175}{396}$	$\Phi_{396}\ \Phi_{132}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
3254	221	392	$\frac{3}{28}$	$\frac{25}{196}$	$\frac{1}{4}$	$\frac{171}{392}$	$\Phi_{392}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
3255	221	308	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{87}{308}$	$\frac{67}{154}$	$\Phi_{308}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}\ \Phi_7\ \Phi_4\ \Phi_1$
3256	221	210	$\frac{1}{14}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
3257	221	384	$\frac{3}{32}$	$\frac{29}{192}$	$\frac{1}{4}$	$\frac{163}{384}$	$\Phi_{384}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
3258	221	250	$\frac{29}{250}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{250}\ \Phi_{125}\ \Phi_{25}\ \Phi_1$
3259	221	168	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{168}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
3260	221	22	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{22}$	$\frac{9}{22}$	$\Phi_{22}^8\ \Phi_{11}^{12}\ \Phi_2^8\ \Phi_1^{13}$
3261	221	360	$\frac{1}{20}$	$\frac{41}{180}$	$\frac{19}{60}$	$\frac{139}{360}$	$\Phi_{360}\ \Phi_{120}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
3262	221	360	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{180}$	$\frac{139}{360}$	$\Phi_{360}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
3263	221	320	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{99}{320}$	$\frac{61}{160}$	$\Phi_{320}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{16}\ \Phi_8\ \Phi_1$
3264	221	288	$\frac{5}{72}$	$\frac{67}{288}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
3265	221	240	$\frac{19}{240}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
3266	221	240	$\frac{19}{240}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
3267	221	264	$\frac{1}{11}$	$\frac{43}{264}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
3268	221	336	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{53}{168}$	$\frac{115}{336}$	$\Phi_{336}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
3269	221	120	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^3\ \Phi_3\ \Phi_1$
3270	221	60	$\frac{2}{15}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^5\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
3271	221	297	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{76}{297}$	$\frac{10}{33}$	$\Phi_{297}\ \Phi_{33}\ \Phi_{27}\ \Phi_3\ \Phi_1$
3272	221	288	$\frac{3}{32}$	$\frac{67}{288}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
3273	221	315	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{94}{315}$	$\Phi_{315}\ \Phi_{63}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
3274	221	72	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{7}{24}$	$\Phi_{72}^4\ \Phi_{36}^4\ \Phi_{24}\ \Phi_{18}^5\ \Phi_{12}\ \Phi_9^5\ \Phi_6\ \Phi_3\ \Phi_1$
3275	221	48	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{48}^8\ \Phi_{24}^5\ \Phi_{16}\ \Phi_{12}^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
3276	221	180	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
3277	221	300	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\frac{79}{300}$	$\Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
3278	221	80	$\frac{3}{20}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{80}^4\ \Phi_{40}^4\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
3279	222	360	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{35}{72}$	$\Phi_{360}\ \Phi_{120}\ \Phi_{72}^2\ \Phi_{40}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
3280	222	72	$\frac{1}{36}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{72}^6\ \Phi_{24}^6\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
3281	222	100	$\frac{1}{25}$	$\frac{1}{4}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{100}^3\ \Phi_{50}\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
3282	222	210	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{33}{70}$	$\Phi_{210}^3\ \Phi_{42}^3\ \Phi_{30}^3\ \Phi_{21}\ \Phi_6^3$
3283	222	140	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{33}{70}$	$\Phi_{140}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
3284	222	68	$\frac{1}{17}$	$\frac{3}{34}$	$\frac{31}{68}$	$\frac{8}{17}$	$\Phi_{68}^6\ \Phi_{17}\ \Phi_4^6\ \Phi_1^2$
3285	222	51	$\frac{1}{17}$	$\frac{3}{17}$	$\frac{14}{51}$	$\frac{8}{17}$	$\Phi_{51}^6\ \Phi_{17}\ \Phi_3^6\ \Phi_1^2$
3286	222	136	$\frac{1}{17}$	$\frac{25}{136}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{136}^2\ \Phi_{68}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
3287	222	384	$\frac{1}{16}$	$\frac{17}{128}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
3288	222	180	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
3289	222	208	$\frac{7}{104}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{97}{208}$	$\Phi_{208}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_1^2$
3290	222	624	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{97}{208}$	$\Phi_{624}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
3291	222	52	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{15}{52}$	$\frac{6}{13}$	$\Phi_{52}^4\ \Phi_{26}^4\ \Phi_{13}^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
3292	222	130	$\frac{1}{13}$	$\frac{19}{130}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{130}^2\ \Phi_{65}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
3293	222	68	$\frac{3}{34}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{31}{68}$	$\Phi_{68}^6\ \Phi_{17}\ \Phi_4^6\ \Phi_1^2$
3294	222	588	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{3}$	$\frac{85}{196}$	$\Phi_{588}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
3295	222	65	$\frac{1}{13}$	$\frac{9}{65}$	$\frac{4}{13}$	$\frac{28}{65}$	$\Phi_{65}^3\ \Phi_{13}^5\ \Phi_5^3\ \Phi_1^6$
3296	222	52	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{15}{52}$	$\frac{11}{26}$	$\Phi_{52}^6\ \Phi_{13}^5\ \Phi_4^6\ \Phi_1^6$
3297	222	192	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{1}{3}$	$\frac{27}{64}$	$\Phi_{192}^3\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
3298	222	195	$\frac{2}{39}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{195}\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_5\ \Phi_1^2$
3299	222	270	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{17}{54}$	$\frac{2}{5}$	$\Phi_{270}\ \Phi_{135}\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_5\ \Phi_1^2$
3300	222	40	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{40}^6\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_8^6\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
3301	222	240	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{48}$	$\frac{2}{5}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
3302	222	45	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{45}^5\ \Phi_{15}^5\ \Phi_9^4\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
3303	222	210	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
3304	222	39	$\frac{2}{39}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{39}^6\ \Phi_{13}^5\ \Phi_3^6\ \Phi_1^6$
3305	222	60	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{1}{4}$	$\frac{23}{60}$	$\Phi_{60}^3\ \Phi_{30}^5\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^5\ \Phi_6^5\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
3306	222	168	$\frac{1}{28}$	$\frac{9}{28}$	$\frac{1}{3}$	$\frac{19}{56}$	$\Phi_{168}^3\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
3307	222	156	$\frac{2}{39}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{12}\ \Phi_6$
3308	222	108	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{108}^4\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{12}\ \Phi_6$
3309	222	48	$\frac{1}{16}$	$\frac{11}{48}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{48}^4\ \Phi_{24}^4\ \Phi_{16}^6\ \Phi_{12}^4\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
3310	222	42	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{42}^6\ \Phi_{21}^4\ \Phi_{14}^6\ \Phi_7^6\ \Phi_6^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
3311	222	120	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
3312	222	48	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{48}^6\ \Phi_{24}^6\ \Phi_{16}^6\ \Phi_{12}\ \Phi_8^6\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
3313	222	324	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{54}\ \Phi_{12}\ \Phi_6$
3314	222	180	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
3315	222	84	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^4\ \Phi_{42}^2\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_6$
3316	222	420	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{140}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
3317	222	420	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{31}{105}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
3318	222	51	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{14}{51}$	$\frac{5}{17}$	$\Phi_{51}^6\ \Phi_{17}\ \Phi_3^6\ \Phi_1^2$
3319	223	300	$\frac{2}{75}$	$\frac{77}{300}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{300}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
3320	223	432	$\frac{7}{216}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{209}{432}$	$\Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
3321	223	432	$\frac{7}{216}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{209}{432}$	$\Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_9\ \Phi_1$
3322	223	270	$\frac{2}{45}$	$\frac{47}{270}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{270}\ \Phi_{135}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
3323	223	420	$\frac{13}{210}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{197}{420}$	$\Phi_{420}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
3324	223	240	$\frac{17}{240}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
3325	223	324	$\frac{7}{108}$	$\frac{1}{6}$	$\frac{101}{324}$	$\frac{5}{12}$	$\Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{12}\ \Phi_4\ \Phi_1$
3326	223	240	$\frac{17}{240}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
3327	223	288	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{65}{288}$	$\frac{5}{12}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
3328	223	252	$\frac{29}{252}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
3329	223	234	$\frac{11}{234}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_9\ \Phi_1$
3330	223	360	$\frac{2}{45}$	$\frac{43}{180}$	$\frac{1}{3}$	$\frac{137}{360}$	$\Phi_{360}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
3331	223	324	$\frac{7}{108}$	$\frac{2}{9}$	$\frac{101}{324}$	$\frac{1}{3}$	$\Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_9\ \Phi_1$
3332	223	315	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{92}{315}$	$\frac{1}{3}$	$\Phi_{315}\ \Phi_{63}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
3333	223	243	$\frac{20}{243}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{243}\ \Phi_{81}\ \Phi_9\ \Phi_1$
3334	223	288	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{65}{288}$	$\frac{1}{3}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_9\ \Phi_1$
3335	223	252	$\frac{29}{252}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
3336	223	270	$\frac{7}{54}$	$\frac{47}{270}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
3337	224	165	$\frac{1}{55}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{27}{55}$	$\Phi_{165}\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
3338	224	223	$\frac{5}{223}$	$\frac{57}{223}$	$\frac{83}{223}$	$\frac{109}{223}$	$\Phi_{223}\ \Phi_1^2$
3339	224	339	$\frac{3}{113}$	$\frac{29}{113}$	$\frac{1}{3}$	$\frac{55}{113}$	Φ_{339}
3340	224	372	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{15}{31}$	$\Phi_{372}\ \Phi_{124}\ \Phi_{31}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
3341	224	279	$\frac{1}{31}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{279}\ \Phi_{31}\ \Phi_9^2\ \Phi_1^2$
3342	224	189	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{13}{27}$	$\Phi_{189}\ \Phi_{63}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
3343	224	135	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{135}^2\ \Phi_{45}^2\ \Phi_{15}^3\ \Phi_5^2$
3344	224	223	$\frac{9}{223}$	$\frac{29}{223}$	$\frac{97}{223}$	$\frac{107}{223}$	$\Phi_{223}\ \Phi_1^2$
3345	224	95	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{95}^3\ \Phi_5^2$
3346	224	223	$\frac{13}{223}$	$\frac{41}{223}$	$\frac{59}{223}$	$\frac{105}{223}$	$\Phi_{223}\ \Phi_1^2$
3347	224	339	$\frac{7}{113}$	$\frac{15}{113}$	$\frac{1}{3}$	$\frac{53}{113}$	Φ_{339}
3348	224	195	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{7}{15}$	$\Phi_{195}\ \Phi_{65}\ \Phi_{39}\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
3349	224	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
3350	224	223	$\frac{15}{223}$	$\frac{17}{223}$	$\frac{103}{223}$	$\frac{104}{223}$	$\Phi_{223}\ \Phi_1^2$
3351	224	117	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{117}^2\ \Phi_{39}\ \Phi_{13}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
3352	224	65	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{65}^3\ \Phi_{13}^4\ \Phi_5^6\ \Phi_1^8$
3353	224	88	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{88}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
3354	224	261	$\frac{3}{29}$	$\frac{1}{9}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{261}\ \Phi_{87}$
3355	224	223	$\frac{23}{223}$	$\frac{25}{223}$	$\frac{62}{223}$	$\frac{99}{223}$	$\Phi_{223}\ \Phi_1^2$
3356	224	223	$\frac{25}{223}$	$\frac{31}{223}$	$\frac{48}{223}$	$\frac{99}{223}$	$\Phi_{223}\ \Phi_1^2$
3357	224	339	$\frac{9}{113}$	$\frac{13}{113}$	$\frac{1}{3}$	$\frac{50}{113}$	Φ_{339}
3358	224	285	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{1}{5}$	$\frac{25}{57}$	$\Phi_{285}\ \Phi_{95}\ \Phi_{15}$
3359	224	223	$\frac{20}{223}$	$\frac{29}{223}$	$\frac{63}{223}$	$\frac{97}{223}$	$\Phi_{223}\ \Phi_1^2$
3360	224	339	$\frac{8}{113}$	$\frac{15}{113}$	$\frac{1}{3}$	$\frac{49}{113}$	Φ_{339}
3361	224	105	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{105}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}^4\ \Phi_7^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
3362	224	63	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{3}{7}$	$\Phi_{63}^3\ \Phi_{21}^3\ \Phi_9^6\ \Phi_7^4\ \Phi_3^6\ \Phi_1^8$
3363	224	280	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
3364	224	204	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{204}^2\ \Phi_{68}^2\ \Phi_{51}$
3365	224	372	$\frac{3}{31}$	$\frac{1}{6}$	$\frac{7}{31}$	$\frac{5}{12}$	$\Phi_{372}\ \Phi_{124}\ \Phi_{31}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
3366	224	180	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{180}^3\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{20}^2\ \Phi_{15}$
3367	224	255	$\frac{1}{15}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{255}\ \Phi_{85}\ \Phi_{51}$
3368	224	223	$\frac{19}{223}$	$\frac{43}{223}$	$\frac{51}{223}$	$\frac{90}{223}$	$\Phi_{223}\ \Phi_1^2$
3369	224	170	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{170}^2\ \Phi_{85}\ \Phi_{34}^2$
3370	224	264	$\frac{1}{8}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
3371	224	223	$\frac{27}{223}$	$\frac{34}{223}$	$\frac{49}{223}$	$\frac{87}{223}$	$\Phi_{223}\ \Phi_1^2$
3372	224	285	$\frac{5}{57}$	$\frac{1}{5}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{285}\ \Phi_{95}\ \Phi_{15}$
3373	224	223	$\frac{11}{223}$	$\frac{53}{223}$	$\frac{69}{223}$	$\frac{85}{223}$	$\Phi_{223}\ \Phi_1^2$
3374	224	339	$\frac{5}{113}$	$\frac{27}{113}$	$\frac{1}{3}$	$\frac{43}{113}$	Φ_{339}
3375	224	87	$\frac{1}{29}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{87}^3\ \Phi_{29}^2$
3376	224	165	$\frac{3}{55}$	$\frac{13}{55}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
3377	224	153	$\frac{1}{17}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{153}^2\ \Phi_{51}$
3378	224	15	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{15}^{15}\ \Phi_5^{14}\ \Phi_3^{16}\ \Phi_1^{16}$
3379	224	33	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{33}^7\ \Phi_{11}^6\ \Phi_3^8\ \Phi_1^8$
3380	224	165	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
3381	224	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{72}^4\ \Phi_{36}^4\ \Phi_{24}^3\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
3382	224	405	$\frac{2}{27}$	$\frac{1}{5}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{405}\ \Phi_{15}$
3383	224	360	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
3384	224	279	$\frac{3}{31}$	$\frac{2}{9}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{279}\ \Phi_{31}\ \Phi_9^2\ \Phi_1^2$
3385	224	45	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{45}^6\ \Phi_{15}^7\ \Phi_5^6$
3386	224	339	$\frac{13}{113}$	$\frac{22}{113}$	$\frac{25}{113}$	$\frac{1}{3}$	Φ_{339}
3387	224	120	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_6^4$
3388	224	95	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{95}^3\ \Phi_5^2$
3389	225	88	$\frac{1}{44}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{43}{88}$	$\Phi_{88}\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
3390	225	128	$\frac{1}{32}$	$\frac{11}{64}$	$\frac{53}{128}$	$\frac{31}{64}$	$\Phi_{128}^3\ \Phi_{64}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
3391	225	304	$\frac{3}{76}$	$\frac{1}{4}$	$\frac{79}{304}$	$\frac{73}{152}$	$\Phi_{304}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
3392	225	48	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{23}{48}$	$\Phi_{48}\ \Phi_{24}^8\ \Phi_{16}^2\ \Phi_{12}^8\ \Phi_8^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
3393	225	48	$\frac{1}{24}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{48}^9\ \Phi_{16}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
3394	225	28	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{13}{28}$	$\Phi_{28}^2\ \Phi_{14}^{14}\ \Phi_7^{14}\ \Phi_4^2\ \Phi_2^{14}\ \Phi_1^{15}$
3395	225	28	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{13}{28}$	$\Phi_{28}^{15}\ \Phi_7^2\ \Phi_4^{15}\ \Phi_1^3$
3396	225	84	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{84}^2\ \Phi_{42}^4\ \Phi_{28}\ \Phi_{21}^4\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_7^2\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
3397	225	308	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{83}{308}$	$\frac{71}{154}$	$\Phi_{308}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}\ \Phi_{11}\ \Phi_4\ \Phi_1$
3398	225	432	$\frac{2}{27}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{432}\ \Phi_{144}\ \Phi_{27}\ \Phi_{16}\ \Phi_9\ \Phi_1$
3399	225	144	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{36}$	$\frac{7}{16}$	$\Phi_{144}^4\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
3400	225	112	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{112}^4\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
3401	225	32	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{7}{16}$	$\Phi_{32}^9\ \Phi_{16}^2\ \Phi_8^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
3402	225	48	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{48}^8\ \Phi_{16}^9\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
3403	225	49	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{49}^5\ \Phi_7^2\ \Phi_1^3$
3404	225	128	$\frac{1}{16}$	$\frac{11}{64}$	$\frac{5}{16}$	$\frac{53}{128}$	$\Phi_{128}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
3405	225	64	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{19}{64}$	$\frac{13}{32}$	$\Phi_{64}^5\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
3406	225	88	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{7}{22}$	$\frac{3}{8}$	$\Phi_{88}^4\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^5\ \Phi_2^2\ \Phi_1^3$
3407	225	16	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{16}^{15}\ \Phi_8^{12}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
3408	225	88	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{88}^4\ \Phi_{11}^4\ \Phi_8^5\ \Phi_1^5$
3409	225	120	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^4\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
3410	225	28	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{28}^9\ \Phi_{14}^6\ \Phi_7^8\ \Phi_4^9\ \Phi_2^6\ \Phi_1^9$
3411	225	32	$\frac{1}{16}$	$\frac{7}{32}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{32}^6\ \Phi_{16}^8\ \Phi_8^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
3412	225	76	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{76}^4\ \Phi_{38}\ \Phi_{19}^3\ \Phi_4^3\ \Phi_1^3$
3413	225	112	$\frac{1}{28}$	$\frac{9}{28}$	$\frac{37}{112}$	$\frac{19}{56}$	$\Phi_{112}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
3414	225	108	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{18}^2\ \Phi_9^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
3415	225	36	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{36}^9\ \Phi_{18}^9\ \Phi_9^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
3416	225	7	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{2}{7}$	$\Phi_7^{32}\ \Phi_1^{33}$
3417	225	84	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{84}^4\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{12}^6\ \Phi_7^2\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
3418	225	56	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{56}^5\ \Phi_{28}^5\ \Phi_8^5\ \Phi_7^2\ \Phi_4^5\ \Phi_1^3$
3419	225	138	$\frac{7}{46}$	$\frac{1}{6}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}\ \Phi_{23}\ \Phi_6\ \Phi_3\ \Phi_1$
3420	225	112	$\frac{17}{112}$	$\frac{19}{112}$	$\frac{27}{112}$	$\frac{31}{112}$	$\Phi_{112}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
3421	225	76	$\frac{11}{76}$	$\frac{13}{76}$	$\frac{1}{4}$	$\frac{21}{76}$	$\Phi_{76}^3\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
3422	225	28	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{28}^9\ \Phi_{14}^9\ \Phi_7^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
3423	225	32	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{32}^9\ \Phi_{16}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
3424	225	12	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{12}^{16}\ \Phi_6^{20}\ \Phi_4^{18}\ \Phi_3^{20}\ \Phi_2^{22}\ \Phi_1^{23}$
3425	226	222	$\frac{2}{111}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{109}{222}$	$\Phi_{222}^2\ \Phi_{74}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3426	226	180	$\frac{1}{45}$	$\frac{23}{90}$	$\frac{67}{180}$	$\frac{22}{45}$	$\Phi_{180}^2\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
3427	226	456	$\frac{1}{38}$	$\frac{39}{152}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{456}\ \Phi_{114}\ \Phi_{57}\ \Phi_{24}\ \Phi_6$
3428	226	220	$\frac{3}{110}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{107}{220}$	$\Phi_{220}^2\ \Phi_{44}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
3429	226	200	$\frac{1}{25}$	$\frac{13}{100}$	$\frac{87}{200}$	$\frac{12}{25}$	$\Phi_{200}^2\ \Phi_{40}^2\ \Phi_{25}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
3430	226	150	$\frac{1}{25}$	$\frac{37}{150}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{150}^2\ \Phi_{75}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
3431	226	216	$\frac{5}{108}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{103}{216}$	$\Phi_{216}^2\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
3432	226	216	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{103}{216}$	$\Phi_{216}^2\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3433	226	210	$\frac{1}{15}$	$\frac{8}{105}$	$\frac{97}{210}$	$\frac{7}{15}$	$\Phi_{210}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3434	226	162	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{49}{162}$	$\frac{4}{9}$	$\Phi_{162}^2\ \Phi_{81}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
3435	226	126	$\frac{13}{126}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{126}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
3436	226	144	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{31}{144}$	$\frac{4}{9}$	$\Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
3437	226	135	$\frac{1}{9}$	$\frac{22}{135}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{135}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
3438	226	120	$\frac{7}{120}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3439	226	570	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{1}{3}$	$\frac{77}{190}$	$\Phi_{570}\ \Phi_{114}\ \Phi_{57}\ \Phi_{30}\ \Phi_6$
3440	226	165	$\frac{3}{55}$	$\frac{1}{5}$	$\frac{52}{165}$	$\frac{2}{5}$	$\Phi_{165}^2\ \Phi_{33}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
3441	226	120	$\frac{7}{120}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
3442	226	180	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{23}{90}$	$\frac{67}{180}$	$\Phi_{180}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3443	226	171	$\frac{2}{57}$	$\frac{55}{171}$	$\frac{1}{3}$	$\frac{58}{171}$	$\Phi_{171}\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
3444	226	162	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{162}$	$\frac{1}{3}$	$\Phi_{162}^2\ \Phi_{81}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3445	226	126	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{126}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3446	226	144	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{144}$	$\frac{1}{3}$	$\Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3447	228	336	$\frac{1}{56}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{55}{112}$	$\Phi_{336}\ \Phi_{112}^2\ \Phi_{48}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
3448	228	185	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{18}{37}$	$\Phi_{185}\ \Phi_{37}^2\ \Phi_5^2\ \Phi_1^4$
3449	228	444	$\frac{1}{37}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{444}\ \Phi_{222}\ \Phi_{12}^2\ \Phi_6^2$
3450	228	227	$\frac{7}{227}$	$\frac{39}{227}$	$\frac{94}{227}$	$\frac{110}{227}$	$\Phi_{227}\ \Phi_1^2$
3451	228	330	$\frac{2}{55}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{53}{110}$	$\Phi_{330}^2\ \Phi_{66}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
3452	228	308	$\frac{3}{77}$	$\frac{1}{4}$	$\frac{20}{77}$	$\frac{37}{77}$	$\Phi_{308}\ \Phi_{154}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}$
3453	228	227	$\frac{9}{227}$	$\frac{56}{227}$	$\frac{59}{227}$	$\frac{109}{227}$	$\Phi_{227}\ \Phi_1^2$
3454	228	69	$\frac{1}{23}$	$\frac{4}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{69}^5\ \Phi_3^4$
3455	228	396	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{17}{36}$	$\Phi_{396}\ \Phi_{132}\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
3456	228	252	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{252}^2\ \Phi_{84}^2\ \Phi_{28}^2\ \Phi_{21}$
3457	228	396	$\frac{1}{18}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{17}{36}$	$\Phi_{396}\ \Phi_{132}\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
3458	228	180	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{180}\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
3459	228	182	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{182}^2\ \Phi_{91}\ \Phi_{14}^2$
3460	228	140	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{16}{35}$	$\Phi_{140}^2\ \Phi_{70}^2\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_4^2\ \Phi_2^2$
3461	228	231	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{231}\ \Phi_{77}\ \Phi_{21}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_1^2$
3462	228	297	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{5}{11}$	$\Phi_{297}\ \Phi_{27}^2\ \Phi_{11}\ \Phi_1^2$
3463	228	44	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{44}^7\ \Phi_{22}^3\ \Phi_{11}^4\ \Phi_4^6\ \Phi_2^2\ \Phi_1^4$
3464	228	264	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{5}{11}$	$\Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{44}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
3465	228	84	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{84}^4\ \Phi_{42}^4\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^2\ \Phi_2^2$
3466	228	132	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{4}$	$\frac{14}{33}$	$\Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
3467	228	416	$\frac{1}{13}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{416}\ \Phi_{52}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
3468	228	60	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{60}^6\ \Phi_{30}^6\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^4$
3469	228	260	$\frac{1}{20}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
3470	228	276	$\frac{1}{23}$	$\frac{11}{46}$	$\frac{1}{3}$	$\frac{35}{92}$	$\Phi_{276}^2\ \Phi_{69}\ \Phi_{12}^2$
3471	228	312	$\frac{1}{13}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
3472	228	390	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{390}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{26}$
3473	228	227	$\frac{8}{227}$	$\frac{73}{227}$	$\frac{75}{227}$	$\frac{77}{227}$	$\Phi_{227}\ \Phi_1^2$
3474	228	345	$\frac{4}{115}$	$\frac{37}{115}$	$\frac{1}{3}$	$\frac{39}{115}$	$\Phi_{345}\ \Phi_{69}\ \Phi_{15}$
3475	228	84	$\frac{1}{28}$	$\frac{9}{28}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_7^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
3476	228	60	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^6\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^6\ \Phi_6^2\ \Phi_5^6\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
3477	228	210	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
3478	228	21	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{21}^{11}\ \Phi_7^{10}\ \Phi_3^{12}\ \Phi_1^{12}$
3479	228	192	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{192}\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
3480	228	165	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{17}{55}$	$\frac{1}{3}$	$\Phi_{165}^2\ \Phi_{33}^2\ \Phi_{15}^3\ \Phi_3^2$
3481	228	189	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{189}^2\ \Phi_{21}$
3482	228	231	$\frac{2}{21}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{231}\ \Phi_{77}\ \Phi_{21}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_1^2$
3483	228	420	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{70}\ \Phi_{20}\ \Phi_{10}$
3484	228	315	$\frac{1}{7}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
3485	228	69	$\frac{3}{23}$	$\frac{4}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{69}^5\ \Phi_3^4$
3486	228	168	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{21}$
3487	228	396	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{396}\ \Phi_{198}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}$
3488	228	297	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{8}{27}$	$\Phi_{297}\ \Phi_{27}^2\ \Phi_{11}\ \Phi_1^2$
3489	228	540	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{20}\ \Phi_{10}$
3490	228	420	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\frac{29}{105}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
3491	228	264	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{5}{24}$	$\frac{3}{11}$	$\Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{44}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
3492	228	120	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{120}^3\ \Phi_{60}\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
3493	229	448	$\frac{5}{224}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{219}{448}$	$\Phi_{448}\ \Phi_{64}\ \Phi_8\ \Phi_1$
3494	229	432	$\frac{13}{216}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{203}{432}$	$\Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
3495	229	432	$\frac{13}{216}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{203}{432}$	$\Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
3496	229	264	$\frac{2}{33}$	$\frac{35}{264}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
3497	229	312	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{83}{312}$	$\frac{73}{156}$	$\Phi_{312}\ \Phi_{104}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_8\ \Phi_1$
3498	229	288	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{59}{288}$	$\frac{11}{24}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
3499	229	420	$\frac{19}{210}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{191}{420}$	$\Phi_{420}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
3500	229	252	$\frac{23}{252}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
3501	229	396	$\frac{2}{33}$	$\frac{31}{198}$	$\frac{1}{3}$	$\frac{167}{396}$	$\Phi_{396}\ \Phi_{132}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
3502	229	384	$\frac{1}{12}$	$\frac{37}{192}$	$\frac{11}{48}$	$\frac{155}{384}$	$\Phi_{384}\ \Phi_{128}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
3503	229	288	$\frac{1}{12}$	$\frac{59}{288}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
3504	229	336	$\frac{5}{112}$	$\frac{1}{4}$	$\frac{107}{336}$	$\frac{3}{8}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
3505	229	240	$\frac{11}{240}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
3506	229	280	$\frac{5}{56}$	$\frac{51}{280}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
3507	229	256	$\frac{27}{256}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{8}\ \Phi_{1}$
3508	229	360	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{180}$	$\frac{131}{360}$	$\Phi_{360}\ \Phi_{120}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
3509	229	252	$\frac{23}{252}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
3510	229	297	$\frac{2}{33}$	$\frac{68}{297}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{297}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_{1}$
3511	229	315	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{86}{315}$	$\frac{1}{3}$	$\Phi_{315}\ \Phi_{63}\ \Phi_{45}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
3512	229	324	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{95}{324}$	$\Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
3513	229	270	$\frac{41}{270}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
3514	229	288	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{59}{288}$	$\frac{5}{18}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
3515	230	360	$\frac{1}{45}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{22}{45}$	$\Phi_{360}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
3516	230	672	$\frac{3}{112}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{109}{224}$	$\Phi_{672}\ \Phi_{96}\ \Phi_{12}\ \Phi_{6}$
3517	230	396	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{21}{44}$	$\Phi_{396}\ \Phi_{132}\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
3518	230	132	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{132}^3\ \Phi_{44}^4\ \Phi_{12}^3\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
3519	230	462	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{462}\ \Phi_{154}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
3520	230	99	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{10}{33}$	$\frac{4}{9}$	$\Phi_{99}^2\ \Phi_{33}^3\ \Phi_{11}^2\ \Phi_{9}^3\ \Phi_{3}^4\ \Phi_{1}^4$
3521	230	352	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{352}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
3522	230	440	$\frac{1}{11}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{440}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
3523	230	24	$\frac{1}{24}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{24}^9\ \Phi_{12}^{10}\ \Phi_{8}^{10}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^9\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
3524	230	120	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^3\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{8}^4\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
3525	230	200	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{200}^2\ \Phi_{40}\ \Phi_{25}^2\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{1}^2$
3526	230	216	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^2\ \Phi_{72}\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
3527	230	396	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{396}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
3528	230	174	$\frac{1}{29}$	$\frac{28}{87}$	$\frac{1}{3}$	$\frac{59}{174}$	$\Phi_{174}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{6}^2\ \Phi_{2}^2$
3529	230	168	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{53}{168}$	$\frac{1}{3}$	$\Phi_{168}\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
3530	230	66	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{66}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{11}^2\ \Phi_{6}^6\ \Phi_{3}^4\ \Phi_{2}^6\ \Phi_{1}^4$
3531	230	384	$\frac{13}{128}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{12}\ \Phi_{6}$
3532	230	84	$\frac{3}{28}$	$\frac{5}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^4\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{12}^5\ \Phi_{6}^5\ \Phi_{3}^4$
3533	231	368	$\frac{1}{46}$	$\frac{47}{184}$	$\frac{137}{368}$	$\frac{45}{92}$	$\Phi_{368}\ \Phi_{92}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
3534	231	300	$\frac{2}{75}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{300}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
3535	231	192	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{31}{64}$	$\Phi_{192}^2\ \Phi_{64}^3\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
3536	231	576	$\frac{1}{32}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{576}\ \Phi_{64}\ \Phi_{9}\ \Phi_{1}$
3537	231	104	$\frac{1}{26}$	$\frac{1}{4}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{104}^3\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
3538	231	40	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{19}{40}$	$\Phi_{40}^{11}\ \Phi_{20}\ \Phi_{8}^{11}\ \Phi_{4}\ \Phi_{1}$
3539	231	120	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{19}{40}$	$\Phi_{120}^5\ \Phi_{40}\ \Phi_{24}^5\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
3540	231	144	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{67}{144}$	$\Phi_{144}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
3541	231	20	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{9}{20}$	$\Phi_{20}^{21}\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^{21}\ \Phi_{2}^2\ \Phi_{1}^3$
3542	231	40	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{40}^6\ \Phi_{20}^5\ \Phi_{10}^4\ \Phi_{8}^9\ \Phi_{5}^4\ \Phi_{4}^7\ \Phi_{2}^6\ \Phi_{1}^7$
3543	231	100	$\frac{1}{10}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{100}^5\ \Phi_{25}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
3544	231	320	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{89}{320}$	$\frac{71}{160}$	$\Phi_{320}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
3545	231	400	$\frac{1}{10}$	$\frac{31}{200}$	$\frac{9}{40}$	$\frac{169}{400}$	$\Phi_{400}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
3546	231	48	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{5}{16}$	$\frac{5}{12}$	$\Phi_{48}^4\ \Phi_{24}^4\ \Phi_{16}^6\ \Phi_{12}^5\ \Phi_8^6\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
3547	231	12	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{12}^{20}\ \Phi_6^{19}\ \Phi_4^{19}\ \Phi_3^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
3548	231	120	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{40}$	$\frac{5}{12}$	$\Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
3549	231	260	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{4}$	$\frac{53}{130}$	$\Phi_{260}\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_5\ \Phi_4\ \Phi_1$
3550	231	15	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{2}{5}$	$\Phi_{15}^{15}\ \Phi_5^{16}\ \Phi_3^{15}\ \Phi_1^{17}$
3551	231	25	$\frac{3}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{25}^9\ \Phi_5^{10}\ \Phi_1^{11}$
3552	231	198	$\frac{1}{22}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{198}\ \Phi_{99}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{11}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
3553	231	176	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{176}^2\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_4\ \Phi_1$
3554	231	120	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{60}$	$\frac{43}{120}$	$\Phi_{120}^3\ \Phi_{40}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
3555	231	115	$\frac{4}{115}$	$\frac{37}{115}$	$\frac{38}{115}$	$\frac{39}{115}$	$\Phi_{115}^2\ \Phi_{23}^2\ \Phi_5^2\ \Phi_1^3$
3556	231	144	$\frac{1}{16}$	$\frac{2}{9}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{144}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
3557	231	36	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{36}^8\ \Phi_{18}^8\ \Phi_{12}^3\ \Phi_9^9\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
3558	231	180	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^2\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
3559	231	360	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
3560	231	30	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{3}{10}$	$\Phi_{30}^{10}\ \Phi_{15}^{11}\ \Phi_{10}^2\ \Phi_6^{10}\ \Phi_5^2\ \Phi_3^{11}\ \Phi_2^2\ \Phi_1^3$
3561	231	108	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{31}{108}$	$\Phi_{108}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
3562	231	180	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{180}^2\ \Phi_{90}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
3563	231	120	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{120}^3\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
3564	231	75	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{75}^5\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
3565	231	96	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
3566	232	57	$\frac{1}{57}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{28}{57}$	$\Phi_{57}^4\ \Phi_{19}^4\ \Phi_3^5\ \Phi_1^6$
3567	232	231	$\frac{5}{231}$	$\frac{59}{231}$	$\frac{86}{231}$	$\frac{113}{231}$	$\Phi_{231}\ \Phi_{77}\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}\ \Phi_7\ \Phi_3\ \Phi_1^2$
3568	232	39	$\frac{1}{39}$	$\frac{10}{39}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{39}^6\ \Phi_{13}^6\ \Phi_3^5\ \Phi_1^6$
3569	232	99	$\frac{1}{33}$	$\frac{17}{99}$	$\frac{41}{99}$	$\frac{16}{33}$	$\Phi_{99}^2\ \Phi_{33}^3\ \Phi_{11}^3\ \Phi_9^2\ \Phi_3^3\ \Phi_1^4$
3570	232	225	$\frac{7}{225}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{109}{225}$	$\Phi_{225}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
3571	232	56	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{27}{56}$	$\Phi_{56}^8\ \Phi_8^8\ \Phi_7\ \Phi_1^2$
3572	232	840	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{840}\ \Phi_{120}\ \Phi_{15}$
3573	232	77	$\frac{3}{77}$	$\frac{19}{77}$	$\frac{20}{77}$	$\frac{37}{77}$	$\Phi_{77}^3\ \Phi_{11}^3\ \Phi_7^3\ \Phi_1^4$
3574	232	105	$\frac{1}{21}$	$\frac{11}{105}$	$\frac{47}{105}$	$\frac{10}{21}$	$\Phi_{105}^2\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_7^3\ \Phi_5^2\ \Phi_3^3\ \Phi_1^4$
3575	232	55	$\frac{3}{55}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{26}{55}$	$\Phi_{55}^4\ \Phi_{11}^5\ \Phi_5^4\ \Phi_1^6$
3576	232	54	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{54}^8\ \Phi_{18}^8\ \Phi_9^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
3577	232	195	$\frac{1}{13}$	$\frac{7}{65}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{195}^2\ \Phi_{39}\ \Phi_{15}^2$
3578	232	165	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{49}{165}$	$\frac{5}{11}$	$\Phi_{165}^2\ \Phi_{33}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
3579	232	33	$\frac{1}{11}$	$\frac{4}{33}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{33}^8\ \Phi_{11}^5\ \Phi_3^8\ \Phi_1^6$
3580	232	360	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{360}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
3581	232	63	$\frac{5}{63}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{63}^4\ \Phi_{21}^4\ \Phi_9^2\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
3582	232	156	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{3}$	$\frac{23}{52}$	$\Phi_{156}^4\ \Phi_{39}\ \Phi_{12}^4$
3583	232	42	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{42}$	$\frac{3}{7}$	$\Phi_{42}^8\ \Phi_{21}^8\ \Phi_7\ \Phi_6^8\ \Phi_3^8\ \Phi_1^2$
3584	232	63	$\frac{5}{63}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{63}^4\ \Phi_{21}^4\ \Phi_9^4\ \Phi_7\ \Phi_3^4\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
3585	232	224	$\frac{3}{32}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
3586	232	35	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{3}{7}$	$\Phi_{35}^8\ \Phi_7\ \Phi_5^8\ \Phi_1^2$
3587	232	450	$\frac{1}{9}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{450}\ \Phi_{150}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
3588	232	36	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{36}^5\ \Phi_{18}^8\ \Phi_{12}^6\ \Phi_9^7\ \Phi_6^8\ \Phi_4^6\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
3589	232	195	$\frac{2}{39}$	$\frac{37}{195}$	$\frac{1}{3}$	$\frac{79}{195}$	$\Phi_{195}\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
3590	232	144	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{144}^3\ \Phi_{48}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3591	232	33	$\frac{4}{33}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{33}^7\ \Phi_{11}^7\ \Phi_3^7\ \Phi_1^8$
3592	232	189	$\frac{1}{21}$	$\frac{43}{189}$	$\frac{20}{63}$	$\frac{73}{189}$	$\Phi_{189}\ \Phi_{63}^2\ \Phi_{27}\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
3593	232	42	$\frac{1}{21}$	$\frac{5}{21}$	$\frac{13}{42}$	$\frac{8}{21}$	$\Phi_{42}^8\ \Phi_{21}^3\ \Phi_{14}^8\ \Phi_7^3\ \Phi_6^8\ \Phi_3^3\ \Phi_2^8\ \Phi_1^4$
3594	232	30	$\frac{1}{30}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{30}^8\ \Phi_{15}^8\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
3595	232	171	$\frac{2}{57}$	$\frac{55}{171}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{171}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
3596	232	114	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{114}^2\ \Phi_{57}\ \Phi_{38}^4\ \Phi_{19}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
3597	232	210	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{210}\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
3598	232	135	$\frac{1}{9}$	$\frac{19}{135}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{135}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
3599	232	81	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{81}$	$\frac{1}{3}$	$\Phi_{81}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
3600	232	39	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{10}{39}$	$\frac{1}{3}$	$\Phi_{39}^5\ \Phi_{13}^8\ \Phi_3^4\ \Phi_1^8$
3601	232	480	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{15}$
3602	232	36	$\frac{1}{9}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{36}^8\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^2\ \Phi_6^8\ \Phi_4^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
3603	232	135	$\frac{19}{135}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{135}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
3604	232	105	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^3\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_3^4$
3605	233	448	$\frac{9}{224}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{215}{448}$	$\Phi_{448}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
3606	233	432	$\frac{17}{216}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{199}{432}$	$\Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
3607	233	320	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{87}{320}$	$\frac{73}{160}$	$\Phi_{320}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
3608	233	336	$\frac{9}{112}$	$\frac{1}{8}$	$\frac{103}{336}$	$\frac{7}{16}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
3609	233	256	$\frac{23}{256}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
3610	233	288	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{55}{288}$	$\frac{41}{96}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
3611	233	400	$\frac{1}{8}$	$\frac{33}{200}$	$\frac{7}{40}$	$\frac{167}{400}$	$\Phi_{400}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
3612	233	384	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{192}$	$\frac{151}{384}$	$\Phi_{384}\ \Phi_{128}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
3613	233	348	$\frac{1}{29}$	$\frac{28}{87}$	$\frac{115}{348}$	$\frac{59}{174}$	$\Phi_{348}\ \Phi_{116}\ \Phi_{87}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
3614	233	288	$\frac{1}{8}$	$\frac{55}{288}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
3615	234	380	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{37}{76}$	$\Phi_{380}\ \Phi_{76}^2\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
3616	234	228	$\frac{1}{38}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{228}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
3617	234	400	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{12}{25}$	$\Phi_{400}\ \Phi_{80}\ \Phi_{25}\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
3618	234	100	$\frac{1}{25}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
3619	234	233	$\frac{13}{233}$	$\frac{41}{233}$	$\frac{64}{233}$	$\frac{110}{233}$	$\Phi_{233}\ \Phi_1^2$
3620	234	408	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{8}{17}$	$\Phi_{408}\ \Phi_{136}\ \Phi_{24}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_1^2$
3621	234	255	$\frac{1}{17}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{255}\ \Phi_{85}\ \Phi_{17}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
3622	234	306	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{8}{17}$	$\Phi_{306}\ \Phi_{153}\ \Phi_{18}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_1^2$
3623	234	272	$\frac{1}{17}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{272}\ \Phi_{136}\ \Phi_{17}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
3624	234	316	$\frac{5}{79}$	$\frac{14}{79}$	$\frac{1}{4}$	$\frac{37}{79}$	$\Phi_{316}\ \Phi_{158}$
3625	234	120	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{120}^4\ \Phi_{40}^4\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{15}\ \Phi_8^2\ \Phi_6$
3626	234	408	$\frac{1}{12}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{11}{24}$	$\Phi_{408}\ \Phi_{136}\ \Phi_{24}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_1^2$
3627	234	168	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{168}^3\ \Phi_{56}^3\ \Phi_{28}\ \Phi_{14}$
3628	234	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{90}^3\ \Phi_{45}^3\ \Phi_{30}^3\ \Phi_{18}\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
3629	234	70	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{70}^6\ \Phi_{35}\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_2^6$
3630	234	336	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{336}^2\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
3631	234	240	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{240}^2\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
3632	234	112	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{112}^2\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^2$
3633	234	95	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{6}{19}$	$\frac{2}{5}$	$\Phi_{95}^2\ \Phi_{19}^4\ \Phi_5^3\ \Phi_1^6$
3634	234	140	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{140}^2\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^4\ \Phi_{20}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
3635	234	448	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{448}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
3636	234	233	$\frac{11}{233}$	$\frac{53}{233}$	$\frac{74}{233}$	$\frac{90}{233}$	$\Phi_{233}\ \Phi_1^2$
3637	234	266	$\frac{1}{14}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{266}\ \Phi_{133}\ \Phi_{38}$
3638	234	140	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{140}^3\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^3\ \Phi_{14}$
3639	234	233	$\frac{14}{233}$	$\frac{51}{233}$	$\frac{73}{233}$	$\frac{80}{233}$	$\Phi_{233}\ \Phi_1^2$
3640	234	316	$\frac{4}{79}$	$\frac{1}{4}$	$\frac{25}{79}$	$\frac{27}{79}$	$\Phi_{316}\ \Phi_{158}$
3641	234	30	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{30}^9\ \Phi_{15}^7\ \Phi_{10}^8\ \Phi_6^9\ \Phi_5^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
3642	234	228	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{228}^2\ \Phi_{114}^2\ \Phi_{12}^3\ \Phi_6^3$
3643	234	354	$\frac{7}{118}$	$\frac{27}{118}$	$\frac{37}{118}$	$\frac{1}{3}$	$\Phi_{354}\ \Phi_{177}\ \Phi_6$
3644	234	255	$\frac{2}{17}$	$\frac{2}{15}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{255}\ \Phi_{85}\ \Phi_{17}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
3645	234	90	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{90}^4\ \Phi_{45}^4\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_6$
3646	234	84	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^4\ \Phi_{42}^5\ \Phi_{21}^5\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
3647	234	240	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
3648	234	420	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}\ \Phi_{14}$
3649	234	306	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{5}{17}$	$\Phi_{306}\ \Phi_{153}\ \Phi_{18}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_1^2$
3650	234	272	$\frac{2}{17}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{272}\ \Phi_{136}\ \Phi_{17}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
3651	234	252	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{252}^2\ \Phi_{126}\ \Phi_{63}\ \Phi_{28}\ \Phi_{14}$
3652	234	60	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{60}^4\ \Phi_{30}^4\ \Phi_{20}^2\ \Phi_{15}^6\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
3653	234	112	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{112}^3\ \Phi_{56}^3\ \Phi_{28}\ \Phi_{14}$
3654	235	184	$\frac{1}{46}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{45}{92}$	$\Phi_{184}^2\ \Phi_{92}\ \Phi_8^3\ \Phi_4\ \Phi_1$
3655	235	456	$\frac{7}{228}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{221}{456}$	$\Phi_{456}\ \Phi_{152}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
3656	235	416	$\frac{1}{26}$	$\frac{27}{208}$	$\frac{181}{416}$	$\frac{25}{52}$	$\Phi_{416}\ \Phi_{52}\ \Phi_{32}\ \Phi_4\ \Phi_1$
3657	235	312	$\frac{1}{26}$	$\frac{77}{312}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
3658	235	90	$\frac{2}{45}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{90}^2\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
3659	235	432	$\frac{1}{18}$	$\frac{19}{216}$	$\frac{197}{432}$	$\frac{17}{36}$	$\Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
3660	235	324	$\frac{1}{18}$	$\frac{19}{108}$	$\frac{89}{324}$	$\frac{17}{36}$	$\Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
3661	235	288	$\frac{1}{18}$	$\frac{53}{288}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
3662	235	192	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{192}^2\ \Phi_{64}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
3663	235	264	$\frac{3}{44}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{264}^2\ \Phi_{88}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
3664	235	432	$\frac{19}{216}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{197}{432}$	$\Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
3665	235	432	$\frac{19}{216}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{197}{432}$	$\Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
3666	235	324	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{89}{324}$	$\frac{73}{162}$	$\Phi_{324}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
3667	235	288	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{53}{288}$	$\frac{43}{96}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
3668	235	84	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{84}^5\ \Phi_{28}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
3669	235	240	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{240}^2\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
3670	235	384	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{192}$	$\frac{149}{384}$	$\Phi_{384}\ \Phi_{128}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
3671	235	552	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{22}{69}$	$\frac{3}{8}$	$\Phi_{552}\ \Phi_{69}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
3672	235	54	$\frac{1}{9}$	$\frac{7}{54}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{54}^4\ \Phi_{27}^5\ \Phi_{18}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
3673	235	72	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{72}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
3674	235	54	$\frac{7}{54}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{54}^5\ \Phi_{27}^5\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
3675	235	60	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{60}^5\ \Phi_{30}^2\ \Phi_{20}^5\ \Phi_{15}^3\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^3\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
3676	235	324	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{89}{324}$	$\frac{8}{27}$	$\Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_1$
3677	235	288	$\frac{1}{6}$	$\frac{53}{288}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
3678	236	348	$\frac{1}{58}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{57}{116}$	$\Phi_{348}\ \Phi_{116}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
3679	236	94	$\frac{1}{47}$	$\frac{12}{47}$	$\frac{35}{94}$	$\frac{23}{47}$	$\Phi_{94}^4\ \Phi_{47}\ \Phi_2^4\ \Phi_1^2$
3680	236	115	$\frac{3}{115}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{56}{115}$	$\Phi_{115}^2\ \Phi_{23}^2\ \Phi_5^3\ \Phi_1^4$
3681	236	570	$\frac{2}{57}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{570}\ \Phi_{190}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
3682	236	225	$\frac{11}{225}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{107}{225}$	$\Phi_{225}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}^2\ \Phi_9\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
3683	236	80	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{80}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
3684	236	336	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{53}{112}$	$\Phi_{336}^2\ \Phi_{48}^2\ \Phi_{21}$
3685	236	560	$\frac{3}{56}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{560}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
3686	236	204	$\frac{1}{17}$	$\frac{9}{68}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{204}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{12}^2\ \Phi_6^2$
3687	236	110	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{110}^4\ \Phi_{22}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
3688	236	360	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
3689	236	540	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{49}{108}$	$\Phi_{540}\ \Phi_{180}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
3690	236	105	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{46}{105}$	$\Phi_{105}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^4\ \Phi_7^2\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
3691	236	63	$\frac{4}{63}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{63}^4\ \Phi_{21}^3\ \Phi_9^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
3692	236	102	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{1}{3}$	$\frac{43}{102}$	$\Phi_{102}^4\ \Phi_{51}\ \Phi_{34}^4\ \Phi_6^4\ \Phi_2^4$
3693	236	100	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{5}$	$\frac{41}{100}$	$\Phi_{100}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
3694	236	480	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
3695	236	320	$\frac{5}{64}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
3696	236	90	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{90}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
3697	236	87	$\frac{1}{29}$	$\frac{28}{87}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{87}^3\ \Phi_{29}^2\ \Phi_3^4\ \Phi_1^4$
3698	236	153	$\frac{1}{17}$	$\frac{35}{153}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{153}^2\ \Phi_{51}\ \Phi_9^2$
3699	236	84	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{84}$	$\frac{1}{3}$	$\Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_7^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
3700	236	210	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^2$
3701	236	420	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
3702	236	360	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
3703	236	135	$\frac{17}{135}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{135}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
3704	236	75	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{16}{75}$	$\frac{4}{15}$	$\Phi_{75}^3\ \Phi_{25}^3\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
3705	237	464	$\frac{5}{232}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{227}{464}$	$\Phi_{464}\ \Phi_{16}\ \Phi_8\ \Phi_1$
3706	237	320	$\frac{3}{80}$	$\frac{1}{4}$	$\frac{83}{320}$	$\frac{77}{160}$	$\Phi_{320}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
3707	237	152	$\frac{3}{76}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{152}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
3708	237	300	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{71}{150}$	$\Phi_{300}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
3709	237	448	$\frac{13}{224}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{211}{448}$	$\Phi_{448}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
3710	237	96	$\frac{1}{16}$	$\frac{17}{96}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{96}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
3711	237	440	$\frac{17}{220}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{203}{440}$	$\Phi_{440}\ \Phi_{88}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
3712	237	144	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{65}{144}$	$\Phi_{144}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
3713	237	140	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{4}$	$\frac{61}{140}$	$\Phi_{140}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
3714	237	400	$\frac{3}{40}$	$\frac{37}{200}$	$\frac{1}{4}$	$\frac{163}{400}$	$\Phi_{400}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
3715	237	256	$\frac{19}{256}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
3716	237	128	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1}{4}$	$\frac{49}{128}$	$\Phi_{128}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
3717	237	120	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{120}^3\ \Phi_{40}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
3718	237	112	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{33}{112}$	$\Phi_{112}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
3719	237	96	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
3720	237	180	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{180}^2\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
3721	237	100	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\frac{1}{4}$	$\Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
3722	238	234	$\frac{2}{117}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{115}{234}$	$\Phi_{234}^2\ \Phi_{78}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3723	238	480	$\frac{1}{40}$	$\frac{41}{160}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{480}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
3724	238	696	$\frac{3}{116}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{113}{232}$	$\Phi_{696}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
3725	238	132	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{16}{33}$	$\Phi_{132}^3\ \Phi_{44}^3\ \Phi_{33}\ \Phi_{12}^4\ \Phi_{11}\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
3726	238	99	$\frac{1}{33}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{99}^3\ \Phi_{33}\ \Phi_{11}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
3727	238	690	$\frac{4}{115}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{111}{230}$	$\Phi_{690}\ \Phi_{138}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
3728	238	144	$\frac{1}{24}$	$\frac{25}{144}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{144}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3729	238	228	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{109}{228}$	$\Phi_{228}^2\ \Phi_{76}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3730	238	225	$\frac{13}{225}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{106}{225}$	$\Phi_{225}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
3731	238	416	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{15}{32}$	$\Phi_{416}\ \Phi_{32}^2\ \Phi_{13}\ \Phi_1^2$
3732	238	96	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{96}^7\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
3733	238	312	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{6}{13}$	$\Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
3734	238	260	$\frac{1}{13}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
3735	238	660	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{101}{220}$	$\Phi_{660}\ \Phi_{132}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
3736	238	216	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{3}$	$\frac{97}{216}$	$\Phi_{216}^2\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
3737	238	384	$\frac{9}{128}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
3738	238	30	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{30}^{14}\ \Phi_{15}^2\ \Phi_{10}^{14}\ \Phi_6^{14}\ \Phi_5^2\ \Phi_3\ \Phi_2^{14}\ \Phi_1^2$
3739	238	120	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^3\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
3740	238	168	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_6^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
3741	238	36	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{36}^{12}\ \Phi_{18}^{2}\ \Phi_{12}^{10}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
3742	238	120	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{120}^{3}\ \Phi_{40}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
3743	238	132	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{22}$	$\frac{5}{12}$	$\Phi_{132}^{3}\ \Phi_{44}^{3}\ \Phi_{22}^{2}\ \Phi_{12}^{4}\ \Phi_{11}\ \Phi_{4}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
3744	238	600	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{1}{3}$	$\frac{81}{200}$	$\Phi_{600}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
3745	238	90	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{90}^{3}\ \Phi_{45}^{3}\ \Phi_{30}^{3}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{10}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
3746	238	40	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{40}^{7}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{8}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
3747	238	56	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{56}^{5}\ \Phi_{28}^{3}\ \Phi_{14}^{5}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{4}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
3748	238	192	$\frac{1}{24}$	$\frac{23}{96}$	$\frac{1}{3}$	$\frac{73}{192}$	$\Phi_{192}^{2}\ \Phi_{64}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
3749	238	180	$\frac{1}{30}$	$\frac{29}{90}$	$\frac{1}{3}$	$\frac{61}{180}$	$\Phi_{180}^{2}\ \Phi_{60}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
3750	238	156	$\frac{2}{39}$	$\frac{37}{156}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
3751	238	18	$\frac{1}{18}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{18}^{14}\ \Phi_{9}^{12}\ \Phi_{6}^{14}\ \Phi_{3}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
3752	238	99	$\frac{2}{33}$	$\frac{2}{9}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{99}^{2}\ \Phi_{33}^{3}\ \Phi_{11}^{3}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
3753	238	144	$\frac{1}{12}$	$\frac{25}{144}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{144}^{2}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
3754	238	24	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{24}^{8}\ \Phi_{12}^{8}\ \Phi_{8}^{14}\ \Phi_{6}^{8}\ \Phi_{4}^{14}\ \Phi_{3}^{7}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
3755	238	135	$\frac{16}{135}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{135}^{2}\ \Phi_{45}\ \Phi_{27}^{2}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
3756	238	120	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^{4}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{24}\ \Phi_{15}^{3}\ \Phi_{12}\ \Phi_{6}$
3757	238	198	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{198}^{2}\ \Phi_{99}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
3758	238	150	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{31}{150}$	$\frac{1}{3}$	$\Phi_{150}^{2}\ \Phi_{75}\ \Phi_{50}^{2}\ \Phi_{30}^{2}\ \Phi_{25}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
3759	238	360	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}$
3760	239	408	$\frac{1}{34}$	$\frac{35}{204}$	$\frac{169}{408}$	$\frac{33}{68}$	$\Phi_{408}\ \Phi_{136}\ \Phi_{68}\ \Phi_{24}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
3761	239	448	$\frac{15}{224}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{209}{448}$	$\Phi_{448}\ \Phi_{64}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
3762	239	336	$\frac{1}{14}$	$\frac{15}{112}$	$\frac{97}{336}$	$\frac{13}{28}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
3763	239	280	$\frac{1}{14}$	$\frac{41}{280}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
3764	239	294	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{55}{294}$	$\frac{43}{98}$	$\Phi_{294}\ \Phi_{147}\ \Phi_{49}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
3765	239	420	$\frac{1}{14}$	$\frac{29}{210}$	$\frac{13}{42}$	$\frac{181}{420}$	$\Phi_{420}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
3766	239	420	$\frac{29}{210}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{181}{420}$	$\Phi_{420}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
3767	239	336	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{97}{336}$	$\frac{71}{168}$	$\Phi_{336}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
3768	239	280	$\frac{1}{7}$	$\frac{41}{280}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{280}\ \Phi_{140}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
3769	239	408	$\frac{1}{17}$	$\frac{35}{204}$	$\frac{16}{51}$	$\frac{169}{408}$	$\Phi_{408}\ \Phi_{136}\ \Phi_{51}\ \Phi_{24}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
3770	239	340	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{101}{340}$	$\frac{69}{170}$	$\Phi_{340}\ \Phi_{85}\ \Phi_{68}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
3771	239	392	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{196}$	$\frac{153}{392}$	$\Phi_{392}\ \Phi_{56}\ \Phi_{49}\ \Phi_{8}\ \Phi_{1}$
3772	239	306	$\frac{1}{17}$	$\frac{67}{306}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{306}\ \Phi_{153}\ \Phi_{51}\ \Phi_{18}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
3773	239	315	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{76}{315}$	$\frac{29}{105}$	$\Phi_{315}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
3774	240	177	$\frac{1}{59}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{29}{59}$	$\Phi_{177}\ \Phi_{59}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
3775	240	239	$\frac{5}{239}$	$\frac{61}{239}$	$\frac{89}{239}$	$\frac{117}{239}$	$\Phi_{239}\ \Phi_{1}^{2}$
3776	240	376	$\frac{1}{47}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{23}{47}$	$\Phi_{376}\ \Phi_{47}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
3777	240	363	$\frac{3}{121}$	$\frac{31}{121}$	$\frac{1}{3}$	$\frac{59}{121}$	$\Phi_{363}\ \Phi_{33}$
3778	240	195	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{19}{39}$	$\Phi_{195}\ \Phi_{65}\ \Phi_{39}^{2}\ \Phi_{15}\ \Phi_{13}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
3779	240	156	$\frac{1}{39}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
3780	240	239	$\frac{7}{239}$	$\frac{41}{239}$	$\frac{99}{239}$	$\frac{116}{239}$	$\Phi_{239}\ \Phi_1^2$
3781	240	203	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{14}{29}$	$\Phi_{203}\ \Phi_{29}^2\ \Phi_7^2\ \Phi_1^4$
3782	240	435	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{435}\ \Phi_{15}^2$
3783	240	108	$\frac{1}{27}$	$\frac{1}{4}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{108}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
3784	240	239	$\frac{9}{239}$	$\frac{31}{239}$	$\frac{104}{239}$	$\frac{115}{239}$	$\Phi_{239}\ \Phi_1^2$
3785	240	239	$\frac{9}{239}$	$\frac{59}{239}$	$\frac{62}{239}$	$\frac{115}{239}$	$\Phi_{239}\ \Phi_1^2$
3786	240	363	$\frac{5}{121}$	$\frac{21}{121}$	$\frac{1}{3}$	$\frac{58}{121}$	$\Phi_{363}\ \Phi_{33}$
3787	240	207	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{11}{23}$	$\Phi_{207}\ \Phi_{69}\ \Phi_{23}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
3788	240	138	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{138}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
3789	240	239	$\frac{11}{239}$	$\frac{25}{239}$	$\frac{107}{239}$	$\frac{114}{239}$	$\Phi_{239}\ \Phi_1^2$
3790	240	305	$\frac{3}{61}$	$\frac{1}{5}$	$\frac{16}{61}$	$\frac{29}{61}$	Φ_{305}
3791	240	209	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{9}{19}$	$\Phi_{209}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_1^4$
3792	240	399	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{399}\ \Phi_{21}^2$
3793	240	209	$\frac{1}{19}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{9}{19}$	$\Phi_{209}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_1^4$
3794	240	380	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{380}\ \Phi_{190}\ \Phi_{20}^2\ \Phi_{10}^2$
3795	240	239	$\frac{13}{239}$	$\frac{21}{239}$	$\frac{109}{239}$	$\frac{113}{239}$	$\Phi_{239}\ \Phi_1^2$
3796	240	239	$\frac{13}{239}$	$\frac{44}{239}$	$\frac{63}{239}$	$\frac{113}{239}$	$\Phi_{239}\ \Phi_1^2$
3797	240	363	$\frac{7}{121}$	$\frac{16}{121}$	$\frac{1}{3}$	$\frac{57}{121}$	$\Phi_{363}\ \Phi_{33}$
3798	240	294	$\frac{3}{49}$	$\frac{1}{6}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{294}\ \Phi_{147}\ \Phi_{98}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
3799	240	420	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{7}{15}$	$\Phi_{420}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
3800	240	105	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{7}{15}$	$\Phi_{105}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_7^4\ \Phi_5^3\ \Phi_3^3\ \Phi_1^6$
3801	240	60	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{60}^5\ \Phi_{30}^2\ \Phi_{20}^5\ \Phi_{15}^3\ \Phi_{12}^7\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
3802	240	239	$\frac{17}{239}$	$\frac{32}{239}$	$\frac{69}{239}$	$\frac{111}{239}$	$\Phi_{239}\ \Phi_1^2$
3803	240	239	$\frac{17}{239}$	$\frac{35}{239}$	$\frac{64}{239}$	$\frac{111}{239}$	$\Phi_{239}\ \Phi_1^2$
3804	240	252	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{252}^2\ \Phi_{84}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
3805	240	140	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{140}^3\ \Phi_{28}^4\ \Phi_{20}^3\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
3806	240	287	$\frac{3}{41}$	$\frac{1}{7}$	$\frac{11}{41}$	$\frac{19}{41}$	Φ_{287}
3807	240	363	$\frac{9}{121}$	$\frac{13}{121}$	$\frac{1}{3}$	$\frac{56}{121}$	$\Phi_{363}\ \Phi_{33}$
3808	240	239	$\frac{19}{239}$	$\frac{43}{239}$	$\frac{49}{239}$	$\frac{110}{239}$	$\Phi_{239}\ \Phi_1^2$
3809	240	305	$\frac{5}{61}$	$\frac{11}{61}$	$\frac{1}{5}$	$\frac{28}{61}$	Φ_{305}
3810	240	324	$\frac{7}{81}$	$\frac{11}{81}$	$\frac{1}{4}$	$\frac{37}{81}$	$\Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
3811	240	239	$\frac{21}{239}$	$\frac{26}{239}$	$\frac{71}{239}$	$\frac{109}{239}$	$\Phi_{239}\ \Phi_1^2$
3812	240	239	$\frac{21}{239}$	$\frac{29}{239}$	$\frac{65}{239}$	$\frac{109}{239}$	$\Phi_{239}\ \Phi_1^2$
3813	240	33	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{33}^{11}\ \Phi_3^{10}$
3814	240	209	$\frac{1}{11}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{11}$	$\Phi_{209}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_1^4$
3815	240	330	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
3816	240	294	$\frac{5}{49}$	$\frac{1}{6}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{294}\ \Phi_{147}\ \Phi_{98}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
3817	240	239	$\frac{25}{239}$	$\frac{39}{239}$	$\frac{44}{239}$	$\frac{107}{239}$	$\Phi_{239}\ \Phi_1^2$
3818	240	117	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{117}^2\ \Phi_{39}^3\ \Phi_{13}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
3819	240	207	$\frac{2}{23}$	$\frac{1}{9}$	$\frac{7}{23}$	$\frac{4}{9}$	$\Phi_{207}\ \Phi_{69}\ \Phi_{23}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
3820	240	36	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{36}^9\ \Phi_{18}^9\ \Phi_{12}^9\ \Phi_6^9\ \Phi_4^8\ \Phi_2^8$
3821	240	207	$\frac{1}{9}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{4}{9}$	$\Phi_{207}\ \Phi_{69}\ \Phi_{23}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
3822	240	315	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{35}^2$
3823	240	275	$\frac{1}{11}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{275}\ \Phi_{55}$
3824	240	239	$\frac{27}{239}$	$\frac{31}{239}$	$\frac{53}{239}$	$\frac{104}{239}$	$\Phi_{239}\ \Phi_1^2$
3825	240	239	$\frac{17}{239}$	$\frac{33}{239}$	$\frac{74}{239}$	$\frac{103}{239}$	$\Phi_{239}\ \Phi_1^2$
3826	240	239	$\frac{33}{239}$	$\frac{34}{239}$	$\frac{41}{239}$	$\frac{103}{239}$	$\Phi_{239}\ \Phi_1^2$
3827	240	336	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
3828	240	203	$\frac{2}{29}$	$\frac{1}{7}$	$\frac{9}{29}$	$\frac{3}{7}$	$\Phi_{203}\ \Phi_{29}^2\ \Phi_7^2\ \Phi_1^4$
3829	240	91	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{91}^3\ \Phi_{13}^2$
3830	240	308	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{308}\ \Phi_{154}\ \Phi_{44}^2\ \Phi_{22}^2$
3831	240	203	$\frac{4}{29}$	$\frac{1}{7}$	$\frac{5}{29}$	$\frac{3}{7}$	$\Phi_{203}\ \Phi_{29}^2\ \Phi_7^2\ \Phi_1^4$
3832	240	42	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{42}^7\ \Phi_{21}^7\ \Phi_{14}^7\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6$
3833	240	305	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{1}{5}$	$\frac{26}{61}$	Φ_{305}
3834	240	239	$\frac{17}{239}$	$\frac{37}{239}$	$\frac{69}{239}$	$\frac{101}{239}$	$\Phi_{239}\ \Phi_1^2$
3835	240	239	$\frac{23}{239}$	$\frac{37}{239}$	$\frac{54}{239}$	$\frac{101}{239}$	$\Phi_{239}\ \Phi_1^2$
3836	240	363	$\frac{7}{121}$	$\frac{19}{121}$	$\frac{1}{3}$	$\frac{51}{121}$	$\Phi_{363}\ \Phi_{33}$
3837	240	279	$\frac{1}{9}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{279}\ \Phi_{93}$
3838	240	287	$\frac{1}{7}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	Φ_{287}
3839	240	239	$\frac{14}{239}$	$\frac{41}{239}$	$\frac{75}{239}$	$\frac{99}{239}$	$\Phi_{239}\ \Phi_1^2$
3840	240	239	$\frac{34}{239}$	$\frac{35}{239}$	$\frac{41}{239}$	$\frac{99}{239}$	$\Phi_{239}\ \Phi_1^2$
3841	240	272	$\frac{1}{16}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
3842	240	239	$\frac{24}{239}$	$\frac{43}{239}$	$\frac{47}{239}$	$\frac{98}{239}$	$\Phi_{239}\ \Phi_1^2$
3843	240	305	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{1}{5}$	$\frac{25}{61}$	Φ_{305}
3844	240	108	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{1}{4}$	$\frac{11}{27}$	$\Phi_{108}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
3845	240	239	$\frac{14}{239}$	$\frac{45}{239}$	$\frac{71}{239}$	$\frac{97}{239}$	$\Phi_{239}\ \Phi_1^2$
3846	240	363	$\frac{6}{121}$	$\frac{23}{121}$	$\frac{1}{3}$	$\frac{49}{121}$	$\Phi_{363}\ \Phi_{33}$
3847	240	105	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{105}^2\ \Phi_{35}^2\ \Phi_{21}^4\ \Phi_{15}\ \Phi_7^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
3848	240	65	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{3}{13}$	$\frac{2}{5}$	$\Phi_{65}^3\ \Phi_{13}^6\ \Phi_5^4\ \Phi_1^8$
3849	240	55	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{55}^5\ \Phi_{11}^4$
3850	240	195	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{195}\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
3851	240	90	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{90}^3\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^6\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^4\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
3852	240	239	$\frac{24}{239}$	$\frac{43}{239}$	$\frac{49}{239}$	$\frac{95}{239}$	$\Phi_{239}\ \Phi_1^2$
3853	240	239	$\frac{29}{239}$	$\frac{35}{239}$	$\frac{51}{239}$	$\frac{94}{239}$	$\Phi_{239}\ \Phi_1^2$
3854	240	287	$\frac{5}{41}$	$\frac{1}{7}$	$\frac{9}{41}$	$\frac{16}{41}$	Φ_{287}
3855	240	294	$\frac{5}{49}$	$\frac{1}{6}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{294}\ \Phi_{147}\ \Phi_{98}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
3856	240	239	$\frac{19}{239}$	$\frac{49}{239}$	$\frac{55}{239}$	$\frac{92}{239}$	$\Phi_{239}\ \Phi_1^2$
3857	240	273	$\frac{1}{21}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{273}\ \Phi_{91}\ \Phi_{39}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
3858	240	324	$\frac{5}{81}$	$\frac{19}{81}$	$\frac{1}{4}$	$\frac{31}{81}$	$\Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
3859	240	239	$\frac{11}{239}$	$\frac{57}{239}$	$\frac{74}{239}$	$\frac{91}{239}$	$\Phi_{239}\ \Phi_1^2$
3860	240	363	$\frac{5}{121}$	$\frac{29}{121}$	$\frac{1}{3}$	$\frac{46}{121}$	$\Phi_{363}\ \Phi_{33}$
3861	240	600	$\frac{1}{25}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{600}\ \Phi_{120}\ \Phi_{75}\ \Phi_{15}$
3862	240	376	$\frac{2}{47}$	$\frac{1}{4}$	$\frac{15}{47}$	$\frac{3}{8}$	$\Phi_{376}\ \Phi_{47}\ \Phi_8^2\ \Phi_1^2$
3863	240	136	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{136}^3\ \Phi_{68}\ \Phi_{34}$
3864	240	376	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{376}\ \Phi_{47}\ \Phi_8^2\ \Phi_1^2$
3865	240	520	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}\ \Phi_{65}$
3866	240	376	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{376}\ \Phi_{47}\ \Phi_8^2\ \Phi_1^2$
3867	240	504	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}\ \Phi_{168}\ \Phi_{63}\ \Phi_{21}$
3868	240	239	$\frac{15}{239}$	$\frac{56}{239}$	$\frac{61}{239}$	$\frac{89}{239}$	$\Phi_{239}\ \Phi_1^2$
3869	240	239	$\frac{19}{239}$	$\frac{44}{239}$	$\frac{65}{239}$	$\frac{87}{239}$	$\Phi_{239}\ \Phi_1^2$
3870	240	275	$\frac{1}{11}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{275}\ \Phi_{55}$
3871	240	279	$\frac{1}{9}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{279}\ \Phi_{93}$
3872	240	239	$\frac{26}{239}$	$\frac{31}{239}$	$\frac{71}{239}$	$\frac{84}{239}$	$\Phi_{239}\ \Phi_1^2$
3873	240	239	$\frac{20}{239}$	$\frac{39}{239}$	$\frac{73}{239}$	$\frac{83}{239}$	$\Phi_{239}\ \Phi_1^2$
3874	240	294	$\frac{4}{49}$	$\frac{1}{6}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{294}\ \Phi_{147}\ \Phi_{98}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
3875	240	305	$\frac{4}{61}$	$\frac{1}{5}$	$\frac{19}{61}$	$\frac{21}{61}$	Φ_{305}
3876	240	239	$\frac{8}{239}$	$\frac{77}{239}$	$\frac{79}{239}$	$\frac{81}{239}$	$\Phi_{239}\ \Phi_1^2$
3877	240	363	$\frac{4}{121}$	$\frac{39}{121}$	$\frac{1}{3}$	$\frac{41}{121}$	$\Phi_{363}\ \Phi_{33}$
3878	240	93	$\frac{1}{31}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{93}^3\ \Phi_{31}^2$
3879	240	177	$\frac{2}{59}$	$\frac{19}{59}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{177}\ \Phi_{59}^2\ \Phi_3^2\ \Phi_1^4$
3880	240	84	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{84}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
3881	240	177	$\frac{3}{59}$	$\frac{14}{59}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{177}\ \Phi_{59}^2\ \Phi_3^2\ \Phi_1^4$
3882	240	240	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
3883	240	177	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{177}\ \Phi_{59}^2\ \Phi_3^2\ \Phi_1^4$
3884	240	78	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{78}^4\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{13}^2$
3885	240	177	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{177}\ \Phi_{59}^2\ \Phi_3^2\ \Phi_1^4$
3886	240	231	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}\ \Phi_{77}^2$
3887	240	468	$\frac{2}{39}$	$\frac{1}{4}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{468}\ \Phi_{234}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
3888	240	435	$\frac{2}{29}$	$\frac{1}{5}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{435}\ \Phi_{15}^2$
3889	240	363	$\frac{10}{121}$	$\frac{21}{121}$	$\frac{37}{121}$	$\frac{1}{3}$	$\Phi_{363}\ \Phi_{33}$
3890	240	138	$\frac{2}{23}$	$\frac{1}{6}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{138}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
3891	240	363	$\frac{13}{121}$	$\frac{17}{121}$	$\frac{36}{121}$	$\frac{1}{3}$	$\Phi_{363}\ \Phi_{33}$
3892	240	63	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{63}^4\ \Phi_{21}^2\ \Phi_9^6\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
3893	240	33	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{33}^{11}\ \Phi_3^{10}$
3894	240	351	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{351}\ \Phi_{39}$
3895	240	363	$\frac{9}{121}$	$\frac{28}{121}$	$\frac{31}{121}$	$\frac{1}{3}$	$\Phi_{363}\ \Phi_{33}$
3896	240	156	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^3\ \Phi_{78}^3\ \Phi_{12}^4\ \Phi_6^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
3897	240	660	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}$
3898	240	156	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
3899	240	36	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{36}^{10}\ \Phi_{18}^4\ \Phi_{12}^7\ \Phi_9^6\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
3900	240	138	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{138}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
3901	240	363	$\frac{17}{121}$	$\frac{19}{121}$	$\frac{26}{121}$	$\frac{1}{3}$	$\Phi_{363}\ \Phi_{33}$
3902	240	399	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{399}\ \Phi_{21}^2$
3903	240	363	$\frac{16}{121}$	$\frac{21}{121}$	$\frac{25}{121}$	$\frac{1}{3}$	$\Phi_{363}\ \Phi_{33}$
3904	240	435	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{435}\ \Phi_{15}^2$
3905	240	210	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{35}^2$
3906	240	42	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{42}^7\ \Phi_{21}^4\ \Phi_{14}^7\ \Phi_7^6\ \Phi_6^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
3907	240	35	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{35}^6\ \Phi_7^8\ \Phi_5^9\ \Phi_1^{12}$
3908	240	239	$\frac{38}{239}$	$\frac{43}{239}$	$\frac{49}{239}$	$\frac{67}{239}$	$\Phi_{239}\ \Phi_1^2$
3909	240	305	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{1}{5}$	$\frac{17}{61}$	Φ_{305}
3910	240	209	$\frac{3}{19}$	$\frac{2}{11}$	$\frac{4}{19}$	$\frac{3}{11}$	$\Phi_{209}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_1^4$
3911	240	330	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
3912	240	239	$\frac{35}{239}$	$\frac{47}{239}$	$\frac{51}{239}$	$\frac{64}{239}$	$\Phi_{239}\ \Phi_1^2$
3913	240	294	$\frac{1}{6}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{294}\ \Phi_{147}\ \Phi_{98}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
3914	240	239	$\frac{39}{239}$	$\frac{44}{239}$	$\frac{50}{239}$	$\frac{63}{239}$	$\Phi_{239}\ \Phi_1^2$
3915	240	305	$\frac{9}{61}$	$\frac{1}{5}$	$\frac{13}{61}$	$\frac{16}{61}$	Φ_{305}
3916	240	108	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{7}{27}$	$\Phi_{108}^4\ \Phi_{54}^4\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
3917	240	380	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{380}\ \Phi_{190}\ \Phi_{20}^2\ \Phi_{10}^2$
3918	240	324	$\frac{13}{81}$	$\frac{16}{81}$	$\frac{17}{81}$	$\frac{1}{4}$	$\Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
3919	240	60	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{60}^6\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^8\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
3920	241	384	$\frac{1}{48}$	$\frac{49}{192}$	$\frac{143}{384}$	$\frac{47}{96}$	$\Phi_{384}\ \Phi_{128}\ \Phi_{96}\ \Phi_{32}\ \Phi_1$
3921	241	324	$\frac{2}{81}$	$\frac{83}{324}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{324}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
3922	241	468	$\frac{7}{234}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{227}{468}$	$\Phi_{468}\ \Phi_{156}\ \Phi_{52}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
3923	241	448	$\frac{1}{16}$	$\frac{17}{224}$	$\frac{207}{448}$	$\frac{15}{32}$	$\Phi_{448}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
3924	241	270	$\frac{2}{27}$	$\frac{29}{270}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
3925	241	280	$\frac{4}{35}$	$\frac{39}{280}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{280}\ \Phi_{140}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
3926	241	432	$\frac{2}{27}$	$\frac{25}{216}$	$\frac{1}{3}$	$\frac{191}{432}$	$\Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_9\ \Phi_1$
3927	241	432	$\frac{1}{12}$	$\frac{25}{216}$	$\frac{11}{36}$	$\frac{191}{432}$	$\Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
3928	241	336	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{95}{336}$	$\frac{73}{168}$	$\Phi_{336}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
3929	241	420	$\frac{4}{35}$	$\frac{31}{210}$	$\frac{1}{5}$	$\frac{179}{420}$	$\Phi_{420}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
3930	241	300	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{59}{300}$	$\frac{41}{100}$	$\Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
3931	241	400	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{200}$	$\frac{159}{400}$	$\Phi_{400}\ \Phi_{80}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
3932	241	252	$\frac{11}{252}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
3933	241	384	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{49}{192}$	$\frac{143}{384}$	$\Phi_{384}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
3934	241	288	$\frac{1}{12}$	$\frac{47}{288}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
3935	241	360	$\frac{1}{30}$	$\frac{29}{90}$	$\frac{119}{360}$	$\frac{61}{180}$	$\Phi_{360}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
3936	241	351	$\frac{7}{117}$	$\frac{2}{9}$	$\frac{110}{351}$	$\frac{1}{3}$	$\Phi_{351}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
3937	241	324	$\frac{2}{27}$	$\frac{25}{108}$	$\frac{83}{324}$	$\frac{1}{3}$	$\Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
3938	241	324	$\frac{1}{12}$	$\frac{25}{108}$	$\frac{83}{324}$	$\frac{11}{36}$	$\Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
3939	241	315	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{74}{315}$	$\frac{31}{105}$	$\Phi_{315}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
3940	242	420	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{10}{21}$	$\Phi_{420}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
3941	242	105	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{10}{21}$	$\Phi_{105}^2\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{7}^3\ \Phi_{5}^2\ \Phi_{3}^4\ \Phi_{1}^4$
3942	242	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{60}^3\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_{6}^6\ \Phi_{5}^4\ \Phi_{4}^6\ \Phi_{3}^5\ \Phi_{2}^6\ \Phi_{1}^6$
3943	242	140	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{9}{20}$	$\Phi_{140}^3\ \Phi_{28}^3\ \Phi_{20}^4\ \Phi_{14}^2\ \Phi_{7}\ \Phi_{4}^4\ \Phi_{2}^2\ \Phi_{1}^2$
3944	242	414	$\frac{1}{23}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{414}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
3945	242	368	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{368}\ \Phi_{92}\ \Phi_{46}$
3946	242	60	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{60}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_{6}^6\ \Phi_{5}^2\ \Phi_{4}^6\ \Phi_{3}^4\ \Phi_{2}^6\ \Phi_{1}^4$
3947	242	210	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\frac{4}{15}$	$\Phi_{210}^2\ \Phi_{105}\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^2$
3948	243	208	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{25}{52}$	$\Phi_{208}^2\ \Phi_{52}\ \Phi_{16}^3\ \Phi_{4}\ \Phi_{1}$
3949	243	52	$\frac{1}{26}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{52}^5\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_{4}^7\ \Phi_{2}^6\ \Phi_{1}^7$
3950	243	440	$\frac{1}{22}$	$\frac{23}{220}$	$\frac{197}{440}$	$\frac{21}{44}$	$\Phi_{440}\ \Phi_{88}\ \Phi_{44}\ \Phi_{40}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
3951	243	11	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{11}^{22}\ \Phi_{1}^{23}$
3952	243	208	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{4}{13}$	$\frac{7}{16}$	$\Phi_{208}^2\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_{1}^3$
3953	243	80	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{80}^6\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
3954	243	44	$\frac{1}{22}$	$\frac{5}{22}$	$\frac{7}{22}$	$\frac{17}{44}$	$\Phi_{44}^9\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{4}^9\ \Phi_{2}^2\ \Phi_{1}^3$
3955	243	44	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{44}^9\ \Phi_{11}^4\ \Phi_{4}^9\ \Phi_{1}^5$
3956	243	352	$\frac{1}{22}$	$\frac{21}{88}$	$\frac{109}{352}$	$\frac{67}{176}$	$\Phi_{352}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
3957	243	160	$\frac{1}{10}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{160}^2\ \Phi_{80}^2\ \Phi_{32}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
3958	243	70	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{70}^4\ \Phi_{35}^4\ \Phi_{14}\ \Phi_{10}^3\ \Phi_{7}^3\ \Phi_{5}^3\ \Phi_{1}^3$
3959	243	52	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{52}^4\ \Phi_{26}^4\ \Phi_{13}^6\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^9$
3960	243	121	$\frac{10}{121}$	$\frac{28}{121}$	$\frac{31}{121}$	$\frac{37}{121}$	$\Phi_{121}^2\ \Phi_{11}^2\ \Phi_{1}^3$
3961	243	164	$\frac{7}{82}$	$\frac{19}{82}$	$\frac{1}{4}$	$\frac{25}{82}$	$\Phi_{164}^2\ \Phi_{82}\ \Phi_{41}\ \Phi_{4}\ \Phi_{1}$
3962	243	77	$\frac{8}{77}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{23}{77}$	$\Phi_{77}^3\ \Phi_{11}^4\ \Phi_{7}^3\ \Phi_{1}^5$
3963	243	20	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{20}^{14}\ \Phi_{10}^{13}\ \Phi_{5}^{13}\ \Phi_{4}^7\ \Phi_{2}^6\ \Phi_{1}^7$
3964	244	120	$\frac{1}{60}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{59}{120}$	$\Phi_{120}^4\ \Phi_{40}^4\ \Phi_{24}^4\ \Phi_{8}^4\ \Phi_{3}\ \Phi_{1}^2$
3965	244	246	$\frac{1}{41}$	$\frac{21}{82}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{246}^2\ \Phi_{123}\ \Phi_{6}^2$
3966	244	108	$\frac{1}{27}$	$\frac{7}{54}$	$\frac{47}{108}$	$\frac{13}{27}$	$\Phi_{108}^4\ \Phi_{36}^4\ \Phi_{27}\ \Phi_{12}^4\ \Phi_{9}\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{1}^2$
3967	244	81	$\frac{1}{27}$	$\frac{20}{81}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{81}^4\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
3968	244	117	$\frac{5}{117}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{56}{117}$	$\Phi_{117}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_{9}^3\ \Phi_{3}^3\ \Phi_{1}^4$
3969	244	108	$\frac{1}{9}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{47}{108}$	$\Phi_{108}^4\ \Phi_{36}^4\ \Phi_{12}^4\ \Phi_{9}^3\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{1}^4$
3970	244	72	$\frac{1}{9}$	$\frac{11}{72}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{72}^4\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_{9}^3\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{1}^4$
3971	244	189	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{189}$	$\frac{67}{189}$	$\Phi_{189}\ \Phi_{63}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{9}\ \Phi_{7}^2\ \Phi_{3}\ \Phi_{1}^2$
3972	244	63	$\frac{2}{63}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{63}^4\ \Phi_{21}^4\ \Phi_{9}^4\ \Phi_{7}^4\ \Phi_{3}\ \Phi_{1}^2$
3973	244	90	$\frac{1}{30}$	$\frac{29}{90}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{90}^4\ \Phi_{45}^4\ \Phi_{18}^4\ \Phi_{9}^4\ \Phi_{3}\ \Phi_{1}^2$
3974	244	192	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{192}\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
3975	244	240	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
3976	244	195	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
3977	244	75	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{75}^4\ \Phi_{25}^4\ \Phi_3\ \Phi_1^2$
3978	244	66	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{66}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_3\ \Phi_1^2$
3979	244	72	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{72}^4\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
3980	244	135	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{135}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
3981	244	210	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
3982	244	81	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{20}{81}$	$\frac{7}{27}$	$\Phi_{81}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
3983	244	76	$\frac{3}{19}$	$\frac{15}{76}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{76}^3\ \Phi_{38}^3\ \Phi_{19}^4\ \Phi_4^2\ \Phi_2^2\ \Phi_1^4$
3984	245	96	$\frac{1}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{47}{96}$	$\Phi_{96}^5\ \Phi_{32}^5\ \Phi_8\ \Phi_1$
3985	245	204	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{33}{68}$	$\Phi_{102}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
3986	245	612	$\frac{1}{34}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{612}\ \Phi_{68}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
3987	245	264	$\frac{2}{33}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
3988	245	39	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{39}^6\ \Phi_{13}^7\ \Phi_3^5\ \Phi_1^7$
3989	245	48	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{48}^7\ \Phi_{24}^4\ \Phi_{16}^7\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
3990	245	90	$\frac{4}{45}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{90}^2\ \Phi_{45}^3\ \Phi_{30}^3\ \Phi_{18}^2\ \Phi_{15}^4\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^2\ \Phi_5^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
3991	245	64	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{64}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
3992	245	60	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{60}^3\ \Phi_{30}^5\ \Phi_{20}^4\ \Phi_{15}^5\ \Phi_{12}^3\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
3993	245	204	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{16}{51}$	$\frac{5}{12}$	$\Phi_{204}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
3994	245	204	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{3}{17}$	$\frac{5}{12}$	$\Phi_{204}^2\ \Phi_{68}^2\ \Phi_{17}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
3995	245	24	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{24}^{12}\ \Phi_{12}^7\ \Phi_8^{11}\ \Phi_6^{11}\ \Phi_4^6\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
3996	245	240	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{240}^2\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
3997	245	408	$\frac{2}{51}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{408}\ \Phi_{136}\ \Phi_{51}\ \Phi_{17}\ \Phi_8\ \Phi_1$
3998	245	72	$\frac{1}{24}$	$\frac{1}{4}$	$\frac{23}{72}$	$\frac{3}{8}$	$\Phi_{72}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_9^5\ \Phi_8\ \Phi_1$
3999	245	256	$\frac{11}{256}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_1$
4000	245	104	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{104}^4\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
4001	245	64	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{64}^5\ \Phi_{32}^5\ \Phi_8\ \Phi_1$
4002	245	264	$\frac{19}{264}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
4003	245	120	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^4\ \Phi_{60}\ \Phi_{40}^4\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
4004	245	216	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^2\ \Phi_{72}^2\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
4005	245	288	$\frac{5}{48}$	$\frac{43}{288}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
4006	245	8	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_8^{31}\ \Phi_4^{30}\ \Phi_2^{30}\ \Phi_1^{31}$
4007	245	216	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{216}\ \Phi_{108}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
4008	245	153	$\frac{1}{17}$	$\frac{2}{9}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{153}^2\ \Phi_{51}\ \Phi_9^3\ \Phi_3\ \Phi_1$
4009	245	153	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{153}^2\ \Phi_{17}^2\ \Phi_9^3\ \Phi_1^3$
4010	245	72	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{72}^5\ \Phi_{36}^5\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
4011	245	48	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{48}^7\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_8^3\ \Phi_6^7\ \Phi_4^2\ \Phi_3^7\ \Phi_2^2\ \Phi_1^3$
4012	245	60	$\frac{1}{6}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{60}^5\ \Phi_{30}^3\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^5\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
4013	245	61	$\frac{9}{61}$	$\frac{12}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{61}^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
4014	246	196	$\frac{1}{49}$	$\frac{25}{98}$	$\frac{73}{196}$	$\frac{24}{49}$	$\Phi_{196}^2\ \Phi_{49}\ \Phi_{28}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
4015	246	80	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{39}{80}$	$\Phi_{80}^6\ \Phi_{16}^6\ \Phi_5\ \Phi_1^2$
4016	246	240	$\frac{1}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{240}^3\ \Phi_{48}^3\ \Phi_{12}\ \Phi_6$
4017	246	70	$\frac{1}{35}$	$\frac{6}{35}$	$\frac{29}{70}$	$\frac{17}{35}$	$\Phi_{70}^6\ \Phi_{35}\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7\ \Phi_5\ \Phi_2^6\ \Phi_1^2$
4018	246	238	$\frac{4}{119}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{115}{238}$	$\Phi_{238}^2\ \Phi_{34}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
4019	246	546	$\frac{2}{39}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{546}\ \Phi_{182}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
4020	246	77	$\frac{5}{77}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{36}{77}$	$\Phi_{77}^3\ \Phi_{11}^3\ \Phi_7^5\ \Phi_1^6$
4021	246	56	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{56}^6\ \Phi_{14}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
4022	246	50	$\frac{2}{25}$	$\frac{9}{50}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{50}^4\ \Phi_{25}^6\ \Phi_{10}^4\ \Phi_5^5\ \Phi_2^4\ \Phi_1^6$
4023	246	75	$\frac{7}{75}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{34}{75}$	$\Phi_{75}^3\ \Phi_{25}^4\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
4024	246	224	$\frac{11}{112}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{101}{224}$	$\Phi_{224}^2\ \Phi_{32}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
4025	246	49	$\frac{5}{49}$	$\frac{8}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{49}^5\ \Phi_7^5\ \Phi_1^6$
4026	246	504	$\frac{5}{36}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{504}\ \Phi_{168}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
4027	246	336	$\frac{1}{7}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
4028	246	70	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{70}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
4029	246	60	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{19}{60}$	$\frac{2}{5}$	$\Phi_{60}^6\ \Phi_{30}^6\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_6^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
4030	246	130	$\frac{7}{130}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{130}^2\ \Phi_{65}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_5\ \Phi_1^2$
4031	246	220	$\frac{3}{44}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
4032	246	160	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{37}{160}$	$\frac{2}{5}$	$\Phi_{160}^2\ \Phi_{80}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
4033	246	45	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{45}^6\ \Phi_{15}^6\ \Phi_9^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
4034	246	50	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{50}^6\ \Phi_{25}^6\ \Phi_5\ \Phi_1^2$
4035	246	140	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
4036	246	240	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
4037	246	140	$\frac{17}{140}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
4038	246	200	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{100}$	$\frac{77}{200}$	$\Phi_{200}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
4039	246	384	$\frac{5}{128}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
4040	246	63	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{63}$	$\frac{22}{63}$	$\Phi_{63}^3\ \Phi_{21}^6\ \Phi_9^3\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
4041	246	186	$\frac{1}{31}$	$\frac{10}{31}$	$\frac{1}{3}$	$\frac{21}{62}$	$\Phi_{186}^3\ \Phi_{93}\ \Phi_6^3$
4042	246	60	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^6\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_{10}^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
4043	246	132	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^3\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{12}\ \Phi_6$
4044	246	480	$\frac{3}{40}$	$\frac{37}{160}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{96}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
4045	246	180	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
4046	246	300	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^2\ \Phi_{150}\ \Phi_{75}\ \Phi_{12}\ \Phi_6$
4047	246	420	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
4048	246	48	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{48}^6\ \Phi_{24}^3\ \Phi_{16}^6\ \Phi_{12}^4\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
4049	246	50	$\frac{4}{25}$	$\frac{9}{50}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{50}^6\ \Phi_{25}^4\ \Phi_{10}^6\ \Phi_5^3\ \Phi_2^6\ \Phi_1^4$
4050	246	378	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{378}\ \Phi_{189}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
4051	246	56	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\frac{15}{56}$	$\Phi_{56}^4\ \Phi_{28}^4\ \Phi_{14}^6\ \Phi_8^4\ \Phi_7^5\ \Phi_4^4\ \Phi_2^6\ \Phi_1^6$
4052	246	49	$\frac{8}{49}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{49}^5\ \Phi_7^5\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
4053	247	480	$\frac{7}{240}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{233}{480}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$
4054	247	72	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{17}{36}$	$\Phi_{72}^6\ \Phi_{36}\ \Phi_{24}^7\ \Phi_{12}\ \Phi_8^7\ \Phi_4\ \Phi_1$
4055	247	180	$\frac{1}{18}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{180}^3\ \Phi_{60}^3\ \Phi_{36}\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
4056	247	36	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{17}{36}$	$\Phi_{36}^{13}\ \Phi_{18}\ \Phi_{12}^{13}\ \Phi_9\ \Phi_4^{13}\ \Phi_1$
4057	247	144	$\frac{1}{18}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
4058	247	336	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{89}{336}$	$\frac{79}{168}$	$\Phi_{336}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
4059	247	168	$\frac{1}{12}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{168}^3\ \Phi_{56}^3\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$
4060	247	216	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{11}{24}$	$\Phi_{216}^3\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
4061	247	24	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{11}{24}$	$\Phi_{24}^8\ \Phi_{12}^{13}\ \Phi_8^8\ \Phi_6^{12}\ \Phi_4^{13}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
4062	247	288	$\frac{5}{36}$	$\frac{41}{288}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
4063	247	432	$\frac{5}{36}$	$\frac{31}{216}$	$\frac{1}{6}$	$\frac{185}{432}$	$\Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
4064	247	360	$\frac{7}{120}$	$\frac{1}{6}$	$\frac{113}{360}$	$\frac{5}{12}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
4065	247	264	$\frac{17}{264}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
4066	247	300	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{53}{300}$	$\frac{5}{12}$	$\Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{12}\ \Phi_4\ \Phi_1$
4067	247	288	$\frac{41}{288}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
4068	247	420	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{210}$	$\frac{173}{420}$	$\Phi_{420}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
4069	247	224	$\frac{1}{14}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{224}^2\ \Phi_{32}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
4070	247	168	$\frac{1}{14}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
4071	247	210	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{210}\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1$
4072	247	105	$\frac{2}{21}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^3\ \Phi_{35}^3\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_1$
4073	247	135	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{135}^3\ \Phi_{27}\ \Phi_{15}\ \Phi_5\ \Phi_1$
4074	247	126	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{126}^3\ \Phi_{63}^3\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_1$
4075	247	336	$\frac{2}{21}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{56}\ \Phi_{21}\ \Phi_{16}\ \Phi_8\ \Phi_7\ \Phi_1$
4076	247	45	$\frac{2}{15}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{45}^5\ \Phi_{15}^6\ \Phi_9^6\ \Phi_5^6\ \Phi_3^6\ \Phi_1^7$
4077	247	120	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{24}\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
4078	247	54	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{8}{27}$	$\Phi_{54}^6\ \Phi_{27}^7\ \Phi_{18}\ \Phi_9\ \Phi_1$
4079	247	432	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{27}\ \Phi_{16}\ \Phi_8\ \Phi_1$
4080	247	324	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{77}{324}$	$\frac{31}{108}$	$\Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
4081	247	72	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{5}{18}$	$\Phi_{72}^6\ \Phi_{36}^6\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
4082	247	48	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{48}^6\ \Phi_{24}^3\ \Phi_{16}^7\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
4083	248	183	$\frac{1}{61}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{30}{61}$	$\Phi_{183}\ \Phi_{61}^2\ \Phi_3^2\ \Phi_1^4$
4084	248	247	$\frac{5}{247}$	$\frac{63}{247}$	$\frac{92}{247}$	$\frac{121}{247}$	$\Phi_{247}\ \Phi_{19}\ \Phi_{13}\ \Phi_1^2$
4085	248	375	$\frac{3}{125}$	$\frac{32}{125}$	$\frac{1}{3}$	$\frac{61}{125}$	$\Phi_{375}\ \Phi_{75}\ \Phi_{15}$
4086	248	420	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{29}{60}$	$\Phi_{420}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
4087	248	60	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{60}^8\ \Phi_{20}^8\ \Phi_{15}\ \Phi_{12}^8\ \Phi_4^8$
4088	248	75	$\frac{1}{25}$	$\frac{13}{75}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{75}^3\ \Phi_{25}^4\ \Phi_{15}^3\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
4089	248	210	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{210}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
4090	248	57	$\frac{1}{19}$	$\frac{5}{57}$	$\frac{26}{57}$	$\frac{9}{19}$	$\Phi_{57}^4\ \Phi_{19}^5\ \Phi_3^4\ \Phi_1^6$
4091	248	171	$\frac{1}{19}$	$\frac{10}{57}$	$\frac{47}{171}$	$\frac{9}{19}$	$\Phi_{171}^2\ \Phi_{19}\ \Phi_9^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
4092	248	38	$\frac{1}{19}$	$\frac{7}{38}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{38}^8\ \Phi_{19}^5\ \Phi_2^8\ \Phi_1^6$
4093	248	117	$\frac{7}{117}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{55}{117}$	$\Phi_{117}^2\ \Phi_{39}^2\ \Phi_{13}^3\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
4094	248	39	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{8}{39}$	$\frac{6}{13}$	$\Phi_{39}^6\ \Phi_{13}^7\ \Phi_3^6\ \Phi_1^8$
4095	248	57	$\frac{5}{57}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{26}{57}$	$\Phi_{57}^4\ \Phi_{19}^5\ \Phi_3^4\ \Phi_1^6$
4096	248	504	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{504}\ \Phi_{168}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
4097	248	280	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{25}{56}$	$\Phi_{280}^2\ \Phi_{40}^2\ \Phi_{35}$
4098	248	180	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2$
4099	248	231	$\frac{2}{33}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{231}\ \Phi_{77}\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_1^2$
4100	248	315	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{14}{45}$	$\frac{3}{7}$	$\Phi_{315}\ \Phi_{63}\ \Phi_{45}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
4101	248	280	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{40}$	$\frac{3}{7}$	$\Phi_{280}\ \Phi_{140}\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
4102	248	35	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{35}^7\ \Phi_7^8\ \Phi_5^6\ \Phi_1^8$
4103	248	252	$\frac{5}{36}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
4104	248	270	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{5}$	$\frac{23}{54}$	$\Phi_{270}^2\ \Phi_{90}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
4105	248	52	$\frac{1}{13}$	$\frac{5}{26}$	$\frac{3}{13}$	$\frac{21}{52}$	$\Phi_{52}^8\ \Phi_{13}^3\ \Phi_4^8\ \Phi_1^4$
4106	248	195	$\frac{3}{65}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{195}^2\ \Phi_{39}^2\ \Phi_{15}$
4107	248	39	$\frac{1}{13}$	$\frac{8}{39}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{39}^8\ \Phi_{13}^3\ \Phi_3^8\ \Phi_1^4$
4108	248	150	$\frac{1}{25}$	$\frac{6}{25}$	$\frac{1}{3}$	$\frac{19}{50}$	$\Phi_{150}^4\ \Phi_{75}\ \Phi_{30}^4\ \Phi_{15}\ \Phi_6^4$
4109	248	195	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{195}$	$\frac{71}{195}$	$\Phi_{195}\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
4110	248	144	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{144}^3\ \Phi_{72}\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
4111	248	96	$\frac{1}{32}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^2\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
4112	248	165	$\frac{2}{33}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}^2\ \Phi_{55}^2\ \Phi_{15}$
4113	248	45	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{45}^8\ \Phi_{15}\ \Phi_9^8$
4114	248	135	$\frac{11}{135}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{135}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}\ \Phi_9^2$
4115	248	120	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{24}^4\ \Phi_{15}\ \Phi_{12}^4$
4116	248	105	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^4\ \Phi_{21}^4\ \Phi_{15}$
4117	248	75	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{75}^4\ \Phi_{25}^4\ \Phi_{15}$
4118	248	180	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{20}^2\ \Phi_{15}$
4119	248	405	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{405}\ \Phi_{45}\ \Phi_{15}$
4120	248	38	$\frac{3}{19}$	$\frac{7}{38}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{38}^8\ \Phi_{19}^5\ \Phi_2^8\ \Phi_1^6$
4121	248	210	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{15}^2$
4122	249	324	$\frac{2}{81}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{324}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
4123	249	112	$\frac{1}{28}$	$\frac{1}{4}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{112}^3\ \Phi_{28}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
4124	249	160	$\frac{3}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{77}{160}$	$\Phi_{160}^3\ \Phi_{32}^3\ \Phi_{16}\ \Phi_1$
4125	249	160	$\frac{3}{80}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{160}^3\ \Phi_{32}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
4126	249	156	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{73}{156}$	$\Phi_{156}\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
4127	249	308	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{71}{154}$	$\Phi_{308}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_4\ \Phi_1$
4128	249	96	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
4129	249	280	$\frac{3}{28}$	$\frac{31}{280}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
4130	249	448	$\frac{3}{28}$	$\frac{25}{224}$	$\frac{1}{4}$	$\frac{199}{448}$	$\Phi_{448}\ \Phi_{64}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
4131	249	448	$\frac{25}{224}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{199}{448}$	$\Phi_{448}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
4132	249	320	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{71}{320}$	$\frac{7}{16}$	$\Phi_{320}\ \Phi_{160}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
4133	249	96	$\frac{1}{8}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
4134	249	144	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{4}$	$\frac{61}{144}$	$\Phi_{144}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
4135	249	140	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1}{4}$	$\frac{57}{140}$	$\Phi_{140}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{20}\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
4136	249	88	$\frac{5}{88}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{88}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
4137	249	93	$\frac{10}{93}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{93}^3\ \Phi_{31}^2\ \Phi_3^3\ \Phi_1^3$
4138	249	128	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{19}{64}$	$\frac{45}{128}$	$\Phi_{128}^3\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
4139	249	252	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{252}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
4140	249	124	$\frac{1}{31}$	$\frac{10}{31}$	$\frac{41}{124}$	$\frac{21}{62}$	$\Phi_{124}^3\ \Phi_{31}^2\ \Phi_4^3\ \Phi_1^3$
4141	249	108	$\frac{2}{27}$	$\frac{25}{108}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
4142	249	180	$\frac{7}{90}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^2\ \Phi_{90}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
4143	249	120	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
4144	249	108	$\frac{1}{12}$	$\frac{25}{108}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{108}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
4145	249	112	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\frac{29}{112}$	$\Phi_{112}^2\ \Phi_{56}^2\ \Phi_{28}^3\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_8^2\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
4146	249	96	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
4147	249	100	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{100}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
4148	250	246	$\frac{2}{123}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{121}{246}$	$\Phi_{246}^2\ \Phi_{82}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
4149	250	392	$\frac{1}{49}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{24}{49}$	$\Phi_{392}\ \Phi_{56}\ \Phi_{49}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
4150	250	168	$\frac{1}{42}$	$\frac{43}{168}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{168}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
4151	250	243	$\frac{7}{243}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{118}{243}$	$\Phi_{243}\ \Phi_{81}\ \Phi_{27}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
4152	250	144	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{23}{48}$	$\Phi_{144}^3\ \Phi_{48}^4\ \Phi_{16}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
4153	250	48	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{48}^{10}\ \Phi_{16}^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
4154	250	714	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{113}{238}$	$\Phi_{714}\ \Phi_{102}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
4155	250	144	$\frac{1}{18}$	$\frac{19}{144}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
4156	250	102	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{102}^3\ \Phi_{51}^3\ \Phi_{34}\ \Phi_{17}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
4157	250	234	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{109}{234}$	$\Phi_{234}^2\ \Phi_{78}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
4158	250	84	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{84}^4\ \Phi_{42}^5\ \Phi_{21}^5\ \Phi_{12}^4\ \Phi_6^5\ \Phi_3^4$
4159	250	231	$\frac{19}{231}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{106}{231}$	$\Phi_{231}\ \Phi_{77}\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
4160	250	27	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{27}^{10}\ \Phi_9^8\ \Phi_3^7\ \Phi_1^8$
4161	250	36	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{36}$	$\frac{4}{9}$	$\Phi_{36}^7\ \Phi_{18}^7\ \Phi_{12}^6\ \Phi_9^8\ \Phi_6^6\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
4162	250	252	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
4163	250	288	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{4}{9}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
4164	250	18	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{18}^{12}\ \Phi_9^{13}\ \Phi_6^{16}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
4165	250	672	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{3}$	$\frac{99}{224}$	$\Phi_{672}\ \Phi_{96}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
4166	250	216	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{1}{3}$	$\frac{91}{216}$	$\Phi_{216}^2\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
4167	250	249	$\frac{29}{249}$	$\frac{41}{249}$	$\frac{44}{249}$	$\frac{104}{249}$	$\Phi_{249}\ \Phi_{83}\ \Phi_3\ \Phi_1^2$
4168	250	132	$\frac{7}{132}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
4169	250	102	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{102}^3\ \Phi_{51}^3\ \Phi_{34}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
4170	250	42	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{1}{3}$	$\frac{17}{42}$	$\Phi_{42}^{10}\ \Phi_{21}^{2}\ \Phi_{14}^{10}\ \Phi_{7}^{2}\ \Phi_{6}^{10}\ \Phi_{3}\ \Phi_{2}^{10}\ \Phi_{1}^{2}$
4171	250	312	$\frac{1}{26}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{312}^{2}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_{6}$
4172	250	392	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{392}\ \Phi_{56}\ \Phi_{49}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
4173	250	264	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^{2}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
4174	250	56	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{56}^{7}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{8}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
4175	250	189	$\frac{2}{63}$	$\frac{61}{189}$	$\frac{1}{3}$	$\frac{64}{189}$	$\Phi_{189}\ \Phi_{63}^{2}\ \Phi_{27}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
4176	250	54	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{54}^{6}\ \Phi_{27}^{4}\ \Phi_{18}^{6}\ \Phi_{9}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
4177	250	162	$\frac{1}{18}$	$\frac{37}{162}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{162}^{2}\ \Phi_{81}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
4178	250	36	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{36}^{10}\ \Phi_{18}^{10}\ \Phi_{9}^{10}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
4179	250	84	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{84}^{5}\ \Phi_{42}^{5}\ \Phi_{21}^{3}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{2}$
4180	250	27	$\frac{2}{27}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{27}^{9}\ \Phi_{9}^{10}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
4181	250	168	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{168}$	$\frac{1}{3}$	$\Phi_{168}\ \Phi_{84}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
4182	250	84	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^{3}\ \Phi_{42}^{3}\ \Phi_{28}^{4}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
4183	250	162	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{37}{162}$	$\frac{1}{3}$	$\Phi_{162}^{2}\ \Phi_{81}\ \Phi_{54}^{2}\ \Phi_{27}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
4184	250	96	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{96}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{4}\ \Phi_{16}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
4185	250	144	$\frac{19}{144}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{144}^{2}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
4186	250	6	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{6}^{42}\ \Phi_{3}^{41}\ \Phi_{2}^{42}\ \Phi_{1}^{42}$
4187	251	400	$\frac{1}{50}$	$\frac{51}{200}$	$\frac{149}{400}$	$\frac{49}{100}$	$\Phi_{400}\ \Phi_{100}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
4188	251	480	$\frac{11}{240}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{229}{480}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
4189	251	480	$\frac{11}{240}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{229}{480}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
4190	251	340	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{89}{340}$	$\frac{81}{170}$	$\Phi_{340}\ \Phi_{85}\ \Phi_{68}\ \Phi_{20}\ \Phi_{17}\ \Phi_{4}\ \Phi_{1}$
4191	251	360	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{109}{360}$	$\frac{9}{20}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
4192	251	280	$\frac{1}{10}$	$\frac{29}{280}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
4193	251	320	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{69}{320}$	$\frac{9}{20}$	$\Phi_{320}\ \Phi_{160}\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
4194	251	300	$\frac{1}{10}$	$\frac{49}{300}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
4195	251	270	$\frac{19}{270}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
4196	251	360	$\frac{11}{120}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{109}{360}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
4197	251	300	$\frac{49}{300}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
4198	252	372	$\frac{1}{62}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{61}{124}$	$\Phi_{372}\ \Phi_{124}^{2}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
4199	252	205	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{20}{41}$	$\Phi_{205}\ \Phi_{41}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
4200	252	492	$\frac{1}{41}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{492}\ \Phi_{246}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
4201	252	251	$\frac{7}{251}$	$\frac{43}{251}$	$\frac{104}{251}$	$\frac{122}{251}$	$\Phi_{251}\ \Phi_{1}^{2}$
4202	252	420	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{17}{35}$	$\Phi_{420}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
4203	252	315	$\frac{1}{35}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{315}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
4204	252	340	$\frac{3}{85}$	$\frac{1}{4}$	$\frac{22}{85}$	$\frac{41}{85}$	$\Phi_{340}\ \Phi_{170}\ \Phi_{68}\ \Phi_{34}\ \Phi_{20}\ \Phi_{10}$
4205	252	251	$\frac{9}{251}$	$\frac{62}{251}$	$\frac{65}{251}$	$\frac{121}{251}$	$\Phi_{251}\ \Phi_{1}^{2}$
4206	252	432	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{13}{27}$	$\Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
4207	252	108	$\frac{1}{27}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{3}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
4208	252	381	$\frac{5}{127}$	$\frac{22}{127}$	$\frac{1}{3}$	$\frac{61}{127}$	Φ_{381}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
4209	252	440	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{19}{40}$	$\Phi_{440}\ \Phi_{88}\ \Phi_{40}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
4210	252	840	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{840}\ \Phi_{168}\ \Phi_{21}$
4211	252	440	$\frac{1}{20}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{19}{40}$	$\Phi_{440}\ \Phi_{88}\ \Phi_{40}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
4212	252	40	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{40}^{12}\ \Phi_{20}\ \Phi_{10}\ \Phi_8^{12}$
4213	252	251	$\frac{13}{251}$	$\frac{44}{251}$	$\frac{69}{251}$	$\frac{119}{251}$	$\Phi_{251}\ \Phi_1^2$
4214	252	221	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{8}{17}$	$\Phi_{221}\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_1^4$
4215	252	408	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
4216	252	68	$\frac{1}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{68}^5\ \Phi_{34}^5\ \Phi_4^4\ \Phi_2^4$
4217	252	251	$\frac{15}{251}$	$\frac{19}{251}$	$\frac{116}{251}$	$\frac{118}{251}$	$\Phi_{251}\ \Phi_1^2$
4218	252	390	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{390}\ \Phi_{195}\ \Phi_{78}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
4219	252	221	$\frac{1}{13}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{6}{13}$	$\Phi_{221}\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_1^4$
4220	252	364	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{364}\ \Phi_{182}\ \Phi_{28}^2\ \Phi_{14}^2$
4221	252	296	$\frac{3}{37}$	$\frac{1}{8}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{296}\ \Phi_{148}\ \Phi_{74}$
4222	252	110	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{5}{11}$	$\Phi_{110}^2\ \Phi_{55}^2\ \Phi_{22}^2\ \Phi_{11}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
4223	252	88	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{88}^3\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
4224	252	275	$\frac{1}{11}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{275}\ \Phi_{25}^2\ \Phi_{11}\ \Phi_1^2$
4225	252	251	$\frac{23}{251}$	$\frac{25}{251}$	$\frac{76}{251}$	$\frac{113}{251}$	$\Phi_{251}\ \Phi_1^2$
4226	252	251	$\frac{25}{251}$	$\frac{26}{251}$	$\frac{69}{251}$	$\frac{113}{251}$	$\Phi_{251}\ \Phi_1^2$
4227	252	381	$\frac{10}{127}$	$\frac{13}{127}$	$\frac{1}{3}$	$\frac{57}{127}$	Φ_{381}
4228	252	290	$\frac{1}{10}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{290}\ \Phi_{145}\ \Phi_{58}$
4229	252	251	$\frac{20}{251}$	$\frac{29}{251}$	$\frac{77}{251}$	$\frac{111}{251}$	$\Phi_{251}\ \Phi_1^2$
4230	252	301	$\frac{5}{43}$	$\frac{1}{7}$	$\frac{8}{43}$	$\frac{19}{43}$	Φ_{301}
4231	252	251	$\frac{31}{251}$	$\frac{34}{251}$	$\frac{47}{251}$	$\frac{110}{251}$	$\Phi_{251}\ \Phi_1^2$
4232	252	240	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{240}^2\ \Phi_{80}^2\ \Phi_{48}\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
4233	252	144	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{7}{16}$	$\Phi_{144}^3\ \Phi_{48}^3\ \Phi_{16}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
4234	252	80	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{80}^7\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
4235	252	340	$\frac{8}{85}$	$\frac{11}{85}$	$\frac{1}{4}$	$\frac{37}{85}$	$\Phi_{340}\ \Phi_{170}\ \Phi_{68}\ \Phi_{34}\ \Phi_{20}\ \Phi_{10}$
4236	252	251	$\frac{20}{251}$	$\frac{33}{251}$	$\frac{71}{251}$	$\frac{109}{251}$	$\Phi_{251}\ \Phi_1^2$
4237	252	381	$\frac{8}{127}$	$\frac{17}{127}$	$\frac{1}{3}$	$\frac{55}{127}$	Φ_{381}
4238	252	296	$\frac{1}{8}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{296}\ \Phi_{148}\ \Phi_{74}$
4239	252	251	$\frac{29}{251}$	$\frac{37}{251}$	$\frac{48}{251}$	$\frac{107}{251}$	$\Phi_{251}\ \Phi_1^2$
4240	252	340	$\frac{7}{85}$	$\frac{13}{85}$	$\frac{1}{4}$	$\frac{36}{85}$	$\Phi_{340}\ \Phi_{170}\ \Phi_{68}\ \Phi_{34}\ \Phi_{20}\ \Phi_{10}$
4241	252	228	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{228}^2\ \Phi_{76}^2\ \Phi_{57}$
4242	252	420	$\frac{2}{35}$	$\frac{1}{6}$	$\frac{11}{35}$	$\frac{5}{12}$	$\Phi_{420}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
4243	252	156	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{156}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{13}^2$
4244	252	420	$\frac{3}{35}$	$\frac{1}{6}$	$\frac{8}{35}$	$\frac{5}{12}$	$\Phi_{420}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
4245	252	60	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{60}^7\ \Phi_{20}^7\ \Phi_{12}^8\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^8\ \Phi_2^4\ \Phi_1^4$
4246	252	84	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{84}^5\ \Phi_{28}^5\ \Phi_{12}^6\ \Phi_7^5\ \Phi_4^6\ \Phi_1^6$
4247	252	330	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{330}\ \Phi_{165}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{30}\ \Phi_6^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
4248	252	205	$\frac{2}{41}$	$\frac{1}{5}$	$\frac{13}{41}$	$\frac{2}{5}$	$\Phi_{205}\ \Phi_{41}^2\ \Phi_5^2\ \Phi_1^4$
4249	252	190	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{190}^2\ \Phi_{95}\ \Phi_{38}^2$
4250	252	60	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{60}^6\ \Phi_{30}^6\ \Phi_{20}^5\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_6^6\ \Phi_4^4\ \Phi_2^4$
4251	252	205	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{205}\ \Phi_{41}^2\ \Phi_5^2\ \Phi_1^4$
4252	252	280	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2$
4253	252	251	$\frac{11}{251}$	$\frac{57}{251}$	$\frac{80}{251}$	$\frac{97}{251}$	$\Phi_{251}\ \Phi_1^2$
4254	252	286	$\frac{1}{22}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{286}\ \Phi_{143}\ \Phi_{26}$
4255	252	68	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{1}{4}$	$\frac{13}{34}$	$\Phi_{68}^5\ \Phi_{34}\ \Phi_{17}^4\ \Phi_4^4\ \Phi_1^4$
4256	252	285	$\frac{1}{15}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{285}\ \Phi_{95}\ \Phi_{57}$
4257	252	251	$\frac{23}{251}$	$\frac{38}{251}$	$\frac{71}{251}$	$\frac{90}{251}$	$\Phi_{251}\ \Phi_1^2$
4258	252	251	$\frac{27}{251}$	$\frac{32}{251}$	$\frac{73}{251}$	$\frac{89}{251}$	$\Phi_{251}\ \Phi_1^2$
4259	252	296	$\frac{4}{37}$	$\frac{1}{8}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{296}\ \Phi_{148}\ \Phi_{74}$
4260	252	301	$\frac{4}{43}$	$\frac{1}{7}$	$\frac{13}{43}$	$\frac{15}{43}$	Φ_{301}
4261	252	160	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{160}^3\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
4262	252	251	$\frac{14}{251}$	$\frac{55}{251}$	$\frac{79}{251}$	$\frac{86}{251}$	$\Phi_{251}\ \Phi_1^2$
4263	252	340	$\frac{4}{85}$	$\frac{1}{4}$	$\frac{27}{85}$	$\frac{29}{85}$	$\Phi_{340}\ \Phi_{170}\ \Phi_{68}\ \Phi_{34}\ \Phi_{20}\ \Phi_{10}$
4264	252	251	$\frac{8}{251}$	$\frac{81}{251}$	$\frac{83}{251}$	$\frac{85}{251}$	$\Phi_{251}\ \Phi_1^2$
4265	252	381	$\frac{4}{127}$	$\frac{41}{127}$	$\frac{1}{3}$	$\frac{43}{127}$	Φ_{381}
4266	252	93	$\frac{1}{31}$	$\frac{10}{31}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{93}^2\ \Phi_{31}^4\ \Phi_3^3\ \Phi_1^6$
4267	252	132	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{132}^2\ \Phi_{66}\ \Phi_{44}^4\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
4268	252	171	$\frac{1}{19}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{171}^2\ \Phi_{57}$
4269	252	93	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{93}^2\ \Phi_{31}^4\ \Phi_3^3\ \Phi_1^6$
4270	252	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^4\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
4271	252	492	$\frac{2}{41}$	$\frac{1}{4}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{492}\ \Phi_{246}\ \Phi_{12}^2\ \Phi_6^2$
4272	252	381	$\frac{7}{127}$	$\frac{29}{127}$	$\frac{40}{127}$	$\frac{1}{3}$	Φ_{381}
4273	252	315	$\frac{2}{35}$	$\frac{2}{9}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{315}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
4274	252	210	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{42}^2\ \Phi_{21}^3$
4275	252	408	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
4276	252	381	$\frac{15}{127}$	$\frac{16}{127}$	$\frac{37}{127}$	$\frac{1}{3}$	Φ_{381}
4277	252	381	$\frac{13}{127}$	$\frac{19}{127}$	$\frac{36}{127}$	$\frac{1}{3}$	Φ_{381}
4278	252	60	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^6\ \Phi_{12}^2\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^6\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
4279	252	468	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{468}\ \Phi_{234}\ \Phi_{52}\ \Phi_{26}$
4280	252	492	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{492}\ \Phi_{246}\ \Phi_{12}^2\ \Phi_6^2$
4281	252	168	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^3\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{21}^3$
4282	252	315	$\frac{3}{35}$	$\frac{2}{9}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{315}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
4283	252	90	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{90}^4\ \Phi_{45}^3\ \Phi_{18}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
4284	252	63	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{63}^5\ \Phi_9^6\ \Phi_7^5\ \Phi_1^6$
4285	252	525	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{525}\ \Phi_{21}$
4286	252	110	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{3}{10}$	$\Phi_{110}^2\ \Phi_{55}^2\ \Phi_{22}^2\ \Phi_{11}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
4287	252	20	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{20}^{17}\ \Phi_{10}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{16}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
4288	252	251	$\frac{26}{251}$	$\frac{44}{251}$	$\frac{69}{251}$	$\frac{75}{251}$	$\Phi_{251}\ \Phi_{1}^{2}$
4289	252	320	$\frac{7}{64}$	$\frac{1}{5}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
4290	252	251	$\frac{29}{251}$	$\frac{48}{251}$	$\frac{59}{251}$	$\frac{74}{251}$	$\Phi_{251}\ \Phi_{1}^{2}$
4291	252	68	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{68}^{5}\ \Phi_{34}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
4292	252	88	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{88}^{3}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{3}\ \Phi_{8}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
4293	252	275	$\frac{4}{25}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{275}\ \Phi_{25}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
4294	252	296	$\frac{1}{8}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{296}\ \Phi_{148}\ \Phi_{74}$
4295	252	251	$\frac{27}{251}$	$\frac{56}{251}$	$\frac{62}{251}$	$\frac{65}{251}$	$\Phi_{251}\ \Phi_{1}^{2}$
4296	252	340	$\frac{9}{85}$	$\frac{19}{85}$	$\frac{1}{4}$	$\frac{22}{85}$	$\Phi_{340}\ \Phi_{170}\ \Phi_{68}\ \Phi_{34}\ \Phi_{20}\ \Phi_{10}$
4297	252	36	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{36}^{6}\ \Phi_{18}^{6}\ \Phi_{12}^{6}\ \Phi_{9}^{9}\ \Phi_{6}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
4298	252	40	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{40}^{9}\ \Phi_{20}^{7}\ \Phi_{10}^{7}\ \Phi_{5}^{6}$
4299	252	80	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{80}^{4}\ \Phi_{40}^{4}\ \Phi_{20}\ \Phi_{16}^{4}\ \Phi_{10}\ \Phi_{8}^{4}$
4300	252	100	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{100}^{4}\ \Phi_{50}^{4}\ \Phi_{20}\ \Phi_{10}$
4301	253	496	$\frac{5}{248}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{243}{496}$	$\Phi_{496}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
4302	253	432	$\frac{1}{36}$	$\frac{37}{216}$	$\frac{179}{432}$	$\frac{35}{72}$	$\Phi_{432}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
4303	253	448	$\frac{1}{28}$	$\frac{29}{224}$	$\frac{195}{448}$	$\frac{27}{56}$	$\Phi_{448}\ \Phi_{64}\ \Phi_{56}\ \Phi_{8}\ \Phi_{1}$
4304	253	336	$\frac{1}{28}$	$\frac{83}{336}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
4305	253	306	$\frac{2}{51}$	$\frac{53}{306}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{306}\ \Phi_{153}\ \Phi_{51}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
4306	253	220	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{21}{44}$	$\Phi_{110}^{2}\ \Phi_{55}^{2}\ \Phi_{44}\ \Phi_{22}^{2}\ \Phi_{20}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
4307	253	660	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{21}{44}$	$\Phi_{660}\ \Phi_{132}\ \Phi_{60}\ \Phi_{44}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
4308	253	480	$\frac{13}{240}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{227}{480}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
4309	253	480	$\frac{13}{240}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{227}{480}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
4310	253	480	$\frac{13}{240}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{227}{480}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
4311	253	360	$\frac{1}{12}$	$\frac{13}{120}$	$\frac{107}{360}$	$\frac{11}{24}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
4312	253	288	$\frac{1}{12}$	$\frac{35}{288}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
4313	253	84	$\frac{1}{12}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{84}^{3}\ \Phi_{42}^{2}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{5}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
4314	253	42	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{19}{42}$	$\Phi_{42}^{4}\ \Phi_{21}^{7}\ \Phi_{14}^{6}\ \Phi_{7}^{8}\ \Phi_{6}^{4}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
4315	253	660	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{10}{33}$	$\frac{9}{20}$	$\Phi_{660}\ \Phi_{132}\ \Phi_{60}\ \Phi_{33}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
4316	253	96	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{96}^{4}\ \Phi_{32}^{3}\ \Phi_{24}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
4317	253	448	$\frac{3}{32}$	$\frac{29}{224}$	$\frac{1}{4}$	$\frac{195}{448}$	$\Phi_{448}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
4318	253	270	$\frac{17}{270}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
4319	253	120	$\frac{1}{12}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{120}^{4}\ \Phi_{40}^{3}\ \Phi_{24}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
4320	253	432	$\frac{1}{18}$	$\frac{37}{216}$	$\frac{17}{54}$	$\frac{179}{432}$	$\Phi_{432}\ \Phi_{144}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
4321	253	360	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{107}{360}$	$\frac{73}{180}$	$\Phi_{360}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
4322	253	72	$\frac{1}{24}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{72}^{3}\ \Phi_{36}^{3}\ \Phi_{24}^{5}\ \Phi_{18}^{2}\ \Phi_{12}^{5}\ \Phi_{9}^{3}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
4323	253	408	$\frac{2}{51}$	$\frac{49}{204}$	$\frac{1}{3}$	$\frac{155}{408}$	$\Phi_{408}\ \Phi_{136}\ \Phi_{51}\ \Phi_{24}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
4324	253	48	$\frac{1}{24}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{48}^{8}\ \Phi_{24}^{3}\ \Phi_{16}^{7}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
4325	253	36	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{36}^{5}\ \Phi_{18}^{6}\ \Phi_{12}^{10}\ \Phi_{9}^{6}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
4326	253	324	$\frac{1}{18}$	$\frac{71}{324}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_1$
4327	253	384	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{61}{192}$	$\frac{131}{384}$	$\Phi_{384}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
4328	253	360	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{107}{360}$	$\frac{1}{3}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
4329	253	75	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{75}^3\ \Phi_{25}^5\ \Phi_{15}^2\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
4330	253	300	$\frac{2}{15}$	$\frac{47}{300}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_1$
4331	253	165	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{10}{33}$	$\Phi_{165}\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_3^3\ \Phi_1^3$
4332	253	28	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{28}^{11}\ \Phi_{14}^6\ \Phi_7^8\ \Phi_4^{11}\ \Phi_2^6\ \Phi_1^9$
4333	253	288	$\frac{35}{288}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
4334	253	320	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{67}{320}$	$\frac{1}{4}$	$\Phi_{320}\ \Phi_{160}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
4335	254	744	$\frac{3}{124}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{121}{248}$	$\Phi_{744}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
4336	254	230	$\frac{1}{23}$	$\frac{12}{115}$	$\frac{103}{230}$	$\frac{11}{23}$	$\Phi_{230}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{10}^2\ \Phi_2^2\ \Phi_1^2$
4337	254	242	$\frac{6}{121}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{115}{242}$	$\Phi_{242}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
4338	254	240	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{113}{240}$	$\Phi_{240}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
4339	254	231	$\frac{1}{11}$	$\frac{23}{231}$	$\frac{10}{33}$	$\frac{104}{231}$	$\Phi_{231}\ \Phi_{77}\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{11}\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
4340	254	176	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{49}{176}$	$\frac{39}{88}$	$\Phi_{176}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
4341	254	672	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1}{3}$	$\frac{97}{224}$	$\Phi_{672}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
4342	254	220	$\frac{1}{11}$	$\frac{17}{110}$	$\frac{5}{22}$	$\frac{93}{220}$	$\Phi_{220}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
4343	254	207	$\frac{1}{23}$	$\frac{47}{207}$	$\frac{22}{69}$	$\frac{80}{207}$	$\Phi_{207}\ \Phi_{69}^2\ \Phi_{23}\ \Phi_9\ \Phi_3^2\ \Phi_1^2$
4344	254	184	$\frac{1}{23}$	$\frac{11}{46}$	$\frac{57}{184}$	$\frac{35}{92}$	$\Phi_{184}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
4345	254	198	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{28}{99}$	$\frac{71}{198}$	$\Phi_{198}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
4346	254	192	$\frac{1}{32}$	$\frac{31}{96}$	$\frac{1}{3}$	$\frac{65}{192}$	$\Phi_{192}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
4347	254	144	$\frac{17}{144}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
4348	254	480	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{160}$	$\frac{1}{3}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
4349	255	200	$\frac{1}{50}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{49}{100}$	$\Phi_{200}^2\ \Phi_{100}\ \Phi_{40}^2\ \Phi_{20}\ \Phi_8^3\ \Phi_4\ \Phi_1$
4350	255	224	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{15}{32}$	$\Phi_{224}^2\ \Phi_{32}^3\ \Phi_{28}\ \Phi_4\ \Phi_1$
4351	255	224	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{15}{32}$	$\Phi_{224}^2\ \Phi_{32}^3\ \Phi_7^2\ \Phi_1^3$
4352	255	96	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{96}^6\ \Phi_{32}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
4353	255	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{13}{28}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
4354	255	140	$\frac{1}{14}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
4355	255	240	$\frac{1}{16}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
4356	255	48	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{48}^6\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^6\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
4357	255	200	$\frac{1}{25}$	$\frac{1}{4}$	$\frac{8}{25}$	$\frac{3}{8}$	$\Phi_{200}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_1^3$
4358	255	72	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^6\ \Phi_{36}^2\ \Phi_{24}^6\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
4359	255	440	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}\ \Phi_{88}\ \Phi_{55}\ \Phi_{11}\ \Phi_8\ \Phi_1$
4360	255	168	$\frac{5}{56}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
4361	255	40	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{40}^{10}\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^{11}\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
4362	255	78	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{78}^4\ \Phi_{39}^4\ \Phi_{26}\ \Phi_{13}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
4363	255	127	$\frac{4}{127}$	$\frac{41}{127}$	$\frac{42}{127}$	$\frac{43}{127}$	$\Phi_{127}^2\ \Phi_1^3$
4364	255	168	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{7}{24}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
4365	255	24	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{24}^{9}\ \Phi_{12}^{11}\ \Phi_{8}^{12}\ \Phi_{6}^{10}\ \Phi_{4}^{13}\ \Phi_{3}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
4366	255	140	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{140}^{2}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
4367	255	60	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{60}^{6}\ \Phi_{30}^{6}\ \Phi_{20}^{3}\ \Phi_{15}^{6}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{6}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
4368	255	192	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{192}^{2}\ \Phi_{96}^{2}\ \Phi_{64}\ \Phi_{32}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
4369	256	63	$\frac{1}{63}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{31}{63}$	$\Phi_{63}^{4}\ \Phi_{21}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
4370	256	51	$\frac{1}{51}$	$\frac{13}{51}$	$\frac{19}{51}$	$\frac{25}{51}$	$\Phi_{51}^{5}\ \Phi_{17}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
4371	256	129	$\frac{1}{43}$	$\frac{11}{43}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{129}^{3}\ \Phi_{3}^{2}$
4372	256	125	$\frac{3}{125}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{61}{125}$	$\Phi_{125}^{2}\ \Phi_{25}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
4373	256	217	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{15}{31}$	$\Phi_{217}\ \Phi_{31}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
4374	256	465	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{465}\ \Phi_{15}^{2}$
4375	256	85	$\frac{3}{85}$	$\frac{11}{85}$	$\frac{37}{85}$	$\frac{41}{85}$	$\Phi_{85}^{3}\ \Phi_{17}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
4376	256	65	$\frac{3}{65}$	$\frac{1}{5}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{65}^{4}\ \Phi_{13}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
4377	256	255	$\frac{13}{255}$	$\frac{47}{255}$	$\frac{67}{255}$	$\frac{121}{255}$	$\Phi_{255}\ \Phi_{85}\ \Phi_{51}\ \Phi_{17}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
4378	256	129	$\frac{7}{129}$	$\frac{17}{129}$	$\frac{1}{3}$	$\frac{61}{129}$	$\Phi_{129}^{2}\ \Phi_{43}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
4379	256	119	$\frac{1}{17}$	$\frac{9}{119}$	$\frac{55}{119}$	$\frac{8}{17}$	$\Phi_{119}^{2}\ \Phi_{17}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
4380	256	15	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{7}{15}$	$\Phi_{15}^{17}\ \Phi_{5}^{17}\ \Phi_{3}^{17}\ \Phi_{1}^{18}$
4381	256	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{45}^{6}\ \Phi_{15}^{4}\ \Phi_{9}^{8}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
4382	256	45	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{7}{15}$	$\Phi_{45}^{8}\ \Phi_{15}\ \Phi_{9}^{8}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
4383	256	75	$\frac{1}{15}$	$\frac{11}{75}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{75}^{4}\ \Phi_{25}^{4}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
4384	256	15	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{15}^{16}\ \Phi_{5}^{19}\ \Phi_{3}^{16}\ \Phi_{1}^{20}$
4385	256	195	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{195}^{2}\ \Phi_{65}\ \Phi_{15}^{2}$
4386	256	99	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{99}^{3}\ \Phi_{33}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{2}$
4387	256	51	$\frac{5}{51}$	$\frac{7}{51}$	$\frac{11}{51}$	$\frac{23}{51}$	$\Phi_{51}^{5}\ \Phi_{17}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
4388	256	65	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{1}{5}$	$\frac{29}{65}$	$\Phi_{65}^{4}\ \Phi_{13}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
4389	256	255	$\frac{23}{255}$	$\frac{29}{255}$	$\frac{71}{255}$	$\frac{113}{255}$	$\Phi_{255}\ \Phi_{85}\ \Phi_{51}\ \Phi_{17}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
4390	256	129	$\frac{3}{43}$	$\frac{5}{43}$	$\frac{1}{3}$	$\frac{19}{43}$	$\Phi_{129}^{3}\ \Phi_{3}^{2}$
4391	256	225	$\frac{1}{15}$	$\frac{31}{225}$	$\frac{14}{45}$	$\frac{97}{225}$	$\Phi_{225}\ \Phi_{75}\ \Phi_{45}^{2}\ \Phi_{25}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
4392	256	357	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{357}\ \Phi_{51}^{2}$
4393	256	217	$\frac{3}{31}$	$\frac{1}{7}$	$\frac{7}{31}$	$\frac{3}{7}$	$\Phi_{217}\ \Phi_{31}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
4394	256	315	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{45}^{2}\ \Phi_{15}^{2}$
4395	256	45	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{13}{45}$	$\frac{19}{45}$	$\Phi_{45}^{6}\ \Phi_{15}^{5}\ \Phi_{9}^{6}\ \Phi_{5}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
4396	256	17	$\frac{1}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{17}^{15}\ \Phi_{1}^{16}$
4397	256	255	$\frac{19}{255}$	$\frac{49}{255}$	$\frac{59}{255}$	$\frac{103}{255}$	$\Phi_{255}\ \Phi_{85}\ \Phi_{51}\ \Phi_{17}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
4398	256	35	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{35}^{8}\ \Phi_{7}^{8}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
4399	256	75	$\frac{3}{25}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{75}^{4}\ \Phi_{25}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
4400	256	99	$\frac{1}{9}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{99}^{3}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
4401	256	85	$\frac{9}{85}$	$\frac{13}{85}$	$\frac{19}{85}$	$\frac{33}{85}$	$\Phi_{85}^{3}\ \Phi_{17}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
4402	256	65	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{65}^{5}\ \Phi_{5}^{4}$
4403	256	255	$\frac{11}{255}$	$\frac{61}{255}$	$\frac{79}{255}$	$\frac{97}{255}$	$\Phi_{255}\ \Phi_{85}\ \Phi_{51}\ \Phi_{17}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
4404	256	129	$\frac{5}{129}$	$\frac{31}{129}$	$\frac{1}{3}$	$\frac{49}{129}$	$\Phi_{129}^2\ \Phi_{43}^2\ \Phi_3\ \Phi_1^2$
4405	256	51	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{13}{51}$	$\frac{19}{51}$	$\Phi_{51}^4\ \Phi_{17}^7\ \Phi_3^4\ \Phi_1^8$
4406	256	195	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{61}{195}$	$\frac{67}{195}$	$\Phi_{195}\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
4407	256	33	$\frac{1}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{33}^8\ \Phi_{11}^8\ \Phi_3^5\ \Phi_1^6$
4408	256	189	$\frac{2}{63}$	$\frac{61}{189}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{189}^2\ \Phi_{27}^2\ \Phi_3\ \Phi_1^2$
4409	256	21	$\frac{1}{21}$	$\frac{5}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{21}^{12}\ \Phi_7^{12}\ \Phi_3^{13}\ \Phi_1^{14}$
4410	256	135	$\frac{7}{135}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{135}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
4411	256	255	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{255}\ \Phi_{85}^2$
4412	256	105	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^2\ \Phi_{35}^4\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
4413	256	147	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{147}^2\ \Phi_{49}^2\ \Phi_3\ \Phi_1^2$
4414	256	9	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_9^{28}\ \Phi_3^{29}\ \Phi_1^{30}$
4415	256	45	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{45}^5\ \Phi_{15}^6\ \Phi_9^7\ \Phi_5^6\ \Phi_3^7\ \Phi_1^8$
4416	256	129	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{11}{43}$	$\frac{1}{3}$	$\Phi_{129}^3\ \Phi_3^2$
4417	256	465	$\frac{3}{31}$	$\frac{1}{5}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{465}\ \Phi_{15}^2$
4418	256	129	$\frac{13}{129}$	$\frac{25}{129}$	$\frac{29}{129}$	$\frac{1}{3}$	$\Phi_{129}^2\ \Phi_{43}^2\ \Phi_3\ \Phi_1^2$
4419	256	45	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{45}^6\ \Phi_{15}^3\ \Phi_9^8\ \Phi_5^6\ \Phi_3^4\ \Phi_1^8$
4420	256	45	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{45}^8\ \Phi_9^8\ \Phi_5^3\ \Phi_1^4$
4421	256	75	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{75}^4\ \Phi_{25}^4\ \Phi_5^3\ \Phi_1^4$
4422	256	85	$\frac{9}{85}$	$\frac{19}{85}$	$\frac{21}{85}$	$\frac{22}{85}$	$\Phi_{85}^3\ \Phi_{17}^3\ \Phi_5^3\ \Phi_1^4$
4423	256	5	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_5^{51}\ \Phi_1^{52}$
4424	257	312	$\frac{3}{52}$	$\frac{55}{312}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
4425	257	480	$\frac{17}{240}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{223}{480}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
4426	257	480	$\frac{17}{240}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{223}{480}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
4427	257	352	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{95}{352}$	$\frac{81}{176}$	$\Phi_{352}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
4428	257	280	$\frac{23}{280}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
4429	257	416	$\frac{3}{52}$	$\frac{49}{208}$	$\frac{1}{4}$	$\frac{159}{416}$	$\Phi_{416}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
4430	257	288	$\frac{31}{288}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
4431	257	384	$\frac{1}{32}$	$\frac{31}{96}$	$\frac{127}{384}$	$\frac{65}{192}$	$\Phi_{384}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
4432	257	360	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{103}{360}$	$\frac{7}{24}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
4433	257	360	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{103}{360}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
4434	257	300	$\frac{43}{300}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
4435	257	320	$\frac{3}{20}$	$\frac{63}{320}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{320}\ \Phi_{160}\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
4436	258	420	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{41}{84}$	$\Phi_{420}\ \Phi_{140}\ \Phi_{84}^2\ \Phi_{60}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
4437	258	84	$\frac{1}{42}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{84}^2\ \Phi_{42}^4\ \Phi_{28}^2\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_7^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
4438	258	750	$\frac{4}{125}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{121}{250}$	$\Phi_{750}\ \Phi_{150}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
4439	258	116	$\frac{1}{29}$	$\frac{1}{4}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{116}^3\ \Phi_{58}\ \Phi_{29}^2\ \Phi_4^2\ \Phi_1^2$
4440	258	156	$\frac{1}{26}$	$\frac{9}{52}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{156}^2\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
4441	258	240	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{37}{80}$	$\Phi_{240}^3\ \Phi_{48}^3\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
4442	258	560	$\frac{3}{40}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{560}\ \Phi_{112}\ \Phi_{28}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
4443	258	420	$\frac{11}{140}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
4444	258	78	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{3}$	$\frac{35}{78}$	$\Phi_{78}^6\ \Phi_{39}\ \Phi_{26}^6\ \Phi_6^6\ \Phi_2^6$
4445	258	45	$\frac{2}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{45}^6\ \Phi_{15}^5\ \Phi_9^6\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
4446	258	315	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{20}{63}$	$\frac{2}{5}$	$\Phi_{315}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
4447	258	280	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{56}$	$\frac{2}{5}$	$\Phi_{280}\ \Phi_{140}\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
4448	258	240	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
4449	258	245	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{245}\ \Phi_{49}^2\ \Phi_5\ \Phi_1^2$
4450	258	624	$\frac{1}{26}$	$\frac{25}{104}$	$\frac{1}{3}$	$\frac{79}{208}$	$\Phi_{624}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_6$
4451	258	336	$\frac{5}{48}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
4452	258	462	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{462}\ \Phi_{154}\ \Phi_{77}\ \Phi_{42}\ \Phi_{14}$
4453	258	180	$\frac{2}{45}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
4454	258	252	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
4455	258	156	$\frac{1}{13}$	$\frac{9}{52}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{156}^3\ \Phi_{78}^3\ \Phi_{39}\ \Phi_{12}^3\ \Phi_6^3$
4456	258	150	$\frac{1}{10}$	$\frac{7}{50}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{150}^3\ \Phi_{75}^3\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
4457	258	60	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{60}$	$\frac{1}{3}$	$\Phi_{60}^3\ \Phi_{30}^4\ \Phi_{20}^6\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
4458	258	168	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^3\ \Phi_{84}\ \Phi_{42}^2\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
4459	258	420	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{70}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
4460	258	48	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{48}^6\ \Phi_{24}^6\ \Phi_{16}^6\ \Phi_{12}^3\ \Phi_8^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
4461	258	588	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}\ \Phi_{294}\ \Phi_{12}\ \Phi_6$
4462	258	480	$\frac{1}{10}$	$\frac{31}{160}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{96}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
4463	258	150	$\frac{7}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{150}^3\ \Phi_{75}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_6^3\ \Phi_3^2$
4464	258	420	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
4465	259	348	$\frac{2}{87}$	$\frac{89}{348}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{348}\ \Phi_{116}\ \Phi_{87}\ \Phi_{29}\ \Phi_{12}\ \Phi_4\ \Phi_1$
4466	259	72	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{35}{72}$	$\Phi_{72}^7\ \Phi_{24}^7\ \Phi_{12}\ \Phi_8^7\ \Phi_4\ \Phi_1$
4467	259	72	$\frac{1}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{72}^7\ \Phi_{24}^7\ \Phi_9\ \Phi_8^7\ \Phi_1$
4468	259	480	$\frac{19}{240}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{221}{480}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
4469	259	43	$\frac{5}{43}$	$\frac{6}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{43}^6\ \Phi_1^7$
4470	259	156	$\frac{2}{39}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{156}^3\ \Phi_{52}^3\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
4471	259	108	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{17}{54}$	$\frac{5}{12}$	$\Phi_{108}^6\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
4472	259	120	$\frac{3}{40}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
4473	259	48	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{48}$	$\frac{5}{12}$	$\Phi_{48}^7\ \Phi_{24}^7\ \Phi_{16}^7\ \Phi_{12}\ \Phi_8^7\ \Phi_4\ \Phi_1$
4474	259	288	$\frac{29}{288}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
4475	259	180	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{45}$	$\frac{5}{12}$	$\Phi_{180}^3\ \Phi_{60}^3\ \Phi_{45}\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
4476	259	84	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{84}^6\ \Phi_{42}\ \Phi_{28}^6\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
4477	259	288	$\frac{29}{288}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
4478	259	270	$\frac{11}{270}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
4479	259	43	$\frac{4}{43}$	$\frac{6}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{43}^6\ \Phi_1^7$
4480	259	396	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{198}$	$\frac{137}{396}$	$\Phi_{396}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
4481	259	117	$\frac{2}{39}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{117}^3\ \Phi_{39}\ \Phi_{13}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
4482	259	54	$\frac{1}{18}$	$\frac{2}{9}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{54}^7\ \Phi_{27}^7\ \Phi_9\ \Phi_1$
4483	259	360	$\frac{3}{40}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
4484	259	144	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{144}^3\ \Phi_{72}^3\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
4485	259	288	$\frac{29}{288}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
4486	259	45	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{45}^7\ \Phi_{15}^7\ \Phi_9\ \Phi_5^7\ \Phi_1$
4487	259	126	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{126}^3\ \Phi_{63}^3\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
4488	259	360	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{101}{360}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
4489	260	384	$\frac{1}{64}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{63}{128}$	$\Phi_{384}\ \Phi_{128}^2\ \Phi_3\ \Phi_1^2$
4490	260	408	$\frac{1}{51}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{25}{51}$	$\Phi_{408}\ \Phi_{136}\ \Phi_{51}\ \Phi_{24}\ \Phi_{17}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
4491	260	111	$\frac{1}{37}$	$\frac{19}{111}$	$\frac{46}{111}$	$\frac{18}{37}$	$\Phi_{111}^2\ \Phi_{37}^3\ \Phi_3^2\ \Phi_1^4$
4492	260	126	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{61}{126}$	$\Phi_{126}^4\ \Phi_{42}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_7\ \Phi_6^4\ \Phi_2^4\ \Phi_1^2$
4493	260	630	$\frac{2}{63}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{630}\ \Phi_{210}\ \Phi_{90}\ \Phi_{70}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
4494	260	225	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{12}{25}$	$\Phi_{225}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
4495	260	150	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{150}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
4496	260	259	$\frac{11}{259}$	$\frac{27}{259}$	$\frac{116}{259}$	$\frac{124}{259}$	$\Phi_{259}\ \Phi_{37}\ \Phi_7\ \Phi_1^2$
4497	260	440	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{440}\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}\ \Phi_{10}$
4498	260	456	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{9}{19}$	$\Phi_{456}\ \Phi_{152}\ \Phi_{24}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_1^2$
4499	260	285	$\frac{1}{19}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{285}\ \Phi_{95}\ \Phi_{19}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
4500	260	342	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{9}{19}$	$\Phi_{342}\ \Phi_{171}\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
4501	260	304	$\frac{1}{19}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{304}\ \Phi_{152}\ \Phi_{19}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
4502	260	318	$\frac{3}{53}$	$\frac{1}{6}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{318}\ \Phi_{159}\ \Phi_{106}$
4503	260	49	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{23}{49}$	$\Phi_{49}^5\ \Phi_7^7\ \Phi_1^8$
4504	260	259	$\frac{17}{259}$	$\frac{38}{259}$	$\frac{69}{259}$	$\frac{121}{259}$	$\Phi_{259}\ \Phi_{37}\ \Phi_7\ \Phi_1^2$
4505	260	393	$\frac{9}{131}$	$\frac{14}{131}$	$\frac{1}{3}$	$\frac{61}{131}$	Φ_{393}
4506	260	37	$\frac{3}{37}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{17}{37}$	$\Phi_{37}^7\ \Phi_1^8$
4507	260	264	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{264}^2\ \Phi_{88}^2\ \Phi_{33}$
4508	260	456	$\frac{1}{12}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{11}{24}$	$\Phi_{456}\ \Phi_{152}\ \Phi_{24}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_1^2$
4509	260	120	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{120}^5\ \Phi_{40}^5\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
4510	260	126	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{126}^2\ \Phi_{63}^2\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^3\ \Phi_2^2$
4511	260	198	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{198}^2\ \Phi_{99}\ \Phi_{66}^2\ \Phi_{33}\ \Phi_{22}^2$
4512	260	45	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{45}^5\ \Phi_{15}^7\ \Phi_9^6\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
4513	260	189	$\frac{4}{63}$	$\frac{1}{7}$	$\frac{59}{189}$	$\frac{3}{7}$	$\Phi_{189}^2\ \Phi_{27}^2\ \Phi_7\ \Phi_1^2$
4514	260	14	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{14}^{20}\ \Phi_7^{17}\ \Phi_2^{20}\ \Phi_1^{18}$
4515	260	84	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{84}$	$\frac{3}{7}$	$\Phi_{84}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_7\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
4516	260	147	$\frac{17}{147}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{147}^2\ \Phi_{49}^2\ \Phi_7\ \Phi_1^2$
4517	260	360	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
4518	260	110	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{9}{22}$	$\Phi_{110}^5\ \Phi_{55}\ \Phi_{10}^5$
4519	260	37	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{11}{37}$	$\frac{15}{37}$	$\Phi_{37}^7\ \Phi_1^8$
4520	260	393	$\frac{6}{131}$	$\frac{25}{131}$	$\frac{1}{3}$	$\frac{53}{131}$	Φ_{393}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
4521	260	216	$\frac{1}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{216}^2\ \Phi_{72}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_9^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
4522	260	136	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{136}^3\ \Phi_{17}^3\ \Phi_8^4\ \Phi_1^4$
4523	260	280	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^2\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{10}$
4524	260	96	$\frac{1}{32}$	$\frac{31}{96}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^2\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
4525	260	204	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{204}\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_3\ \Phi_1^2$
4526	260	48	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{48}^4\ \Phi_{24}^4\ \Phi_{16}^8\ \Phi_{12}^4\ \Phi_8^8\ \Phi_6^4\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^{10}$
4527	260	42	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{42}^7\ \Phi_{21}^7\ \Phi_{14}^6\ \Phi_7^6\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
4528	260	165	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}^2\ \Phi_{55}^2\ \Phi_{33}$
4529	260	72	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{72}^4\ \Phi_{36}^4\ \Phi_{24}^3\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_9^4\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
4530	260	198	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{198}^2\ \Phi_{99}^2\ \Phi_{33}$
4531	260	378	$\frac{1}{14}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{378}\ \Phi_{189}\ \Phi_{54}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
4532	260	528	$\frac{1}{11}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{33}$
4533	260	420	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{70}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
4534	260	360	$\frac{7}{72}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
4535	260	285	$\frac{2}{15}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{285}\ \Phi_{95}\ \Phi_{19}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
4536	260	30	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{30}^{10}\ \Phi_{15}^7\ \Phi_{10}^{10}\ \Phi_6^{12}\ \Phi_5^6\ \Phi_3^8\ \Phi_2^{12}\ \Phi_1^8$
4537	260	342	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\frac{5}{18}$	$\Phi_{342}\ \Phi_{171}\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
4538	260	90	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{90}^5\ \Phi_{45}^5\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
4539	260	304	$\frac{3}{19}$	$\frac{3}{16}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{304}\ \Phi_{152}\ \Phi_{19}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
4540	260	240	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
4541	261	416	$\frac{1}{52}$	$\frac{53}{208}$	$\frac{155}{416}$	$\frac{51}{104}$	$\Phi_{416}\ \Phi_{104}\ \Phi_{32}\ \Phi_8\ \Phi_1$
4542	261	512	$\frac{5}{256}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{251}{512}$	$\Phi_{512}\ \Phi_8\ \Phi_1$
4543	261	352	$\frac{3}{88}$	$\frac{1}{4}$	$\frac{91}{352}$	$\frac{85}{176}$	$\Phi_{352}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
4544	261	112	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{27}{56}$	$\Phi_{112}^4\ \Phi_{56}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
4545	261	56	$\frac{1}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{56}^9\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
4546	261	160	$\frac{1}{20}$	$\frac{7}{80}$	$\frac{73}{160}$	$\frac{19}{40}$	$\Phi_{160}^3\ \Phi_{40}\ \Phi_{32}^3\ \Phi_8\ \Phi_1$
4547	261	40	$\frac{1}{20}$	$\frac{7}{40}$	$\frac{11}{40}$	$\frac{19}{40}$	$\Phi_{40}^7\ \Phi_{20}^6\ \Phi_{10}^6\ \Phi_8^7\ \Phi_5^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
4548	261	320	$\frac{1}{20}$	$\frac{59}{320}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{320}\ \Phi_{160}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_8\ \Phi_1$
4549	261	270	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
4550	261	160	$\frac{7}{80}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{73}{160}$	$\Phi_{160}^3\ \Phi_{32}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
4551	261	160	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{73}{160}$	$\Phi_{160}^3\ \Phi_{32}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
4552	261	40	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{40}^9\ \Phi_{10}^8\ \Phi_8^9\ \Phi_5^8\ \Phi_2^8\ \Phi_1^9$
4553	261	52	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{4}{13}$	$\frac{23}{52}$	$\Phi_{52}^9\ \Phi_{13}^2\ \Phi_4^9\ \Phi_1^3$
4554	261	336	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{42}$	$\frac{7}{16}$	$\Phi_{336}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}\ \Phi_6\ \Phi_3\ \Phi_1$
4555	261	32	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{32}^9\ \Phi_{16}^6\ \Phi_8^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
4556	261	560	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{7}{16}$	$\Phi_{560}\ \Phi_{80}\ \Phi_{35}\ \Phi_{16}\ \Phi_5\ \Phi_1$
4557	261	308	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{4}$	$\frac{67}{154}$	$\Phi_{308}\ \Phi_{77}\ \Phi_{44}^2\ \Phi_{28}\ \Phi_{22}\ \Phi_{11}\ \Phi_7\ \Phi_4\ \Phi_1$
4558	261	364	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{103}{364}$	$\frac{79}{182}$	$\Phi_{364}\ \Phi_{91}\ \Phi_{52}\ \Phi_{28}\ \Phi_7\ \Phi_4\ \Phi_1$
4559	261	50	$\frac{1}{10}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{50}^4\ \Phi_{25}^5\ \Phi_{10}^8\ \Phi_5^8\ \Phi_2^8\ \Phi_1^9$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
4560	261	180	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
4561	261	440	$\frac{3}{44}$	$\frac{41}{220}$	$\frac{1}{4}$	$\frac{179}{440}$	$\Phi_{440}\ \Phi_{88}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
4562	261	85	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{27}{85}$	$\frac{2}{5}$	$\Phi_{85}^3\ \Phi_{17}^3\ \Phi_5^4\ \Phi_1^5$
4563	261	240	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{240}^2\ \Phi_{80}^2\ \Phi_{48}\ \Phi_{30}^2\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
4564	261	128	$\frac{5}{128}$	$\frac{1}{4}$	$\frac{41}{128}$	$\frac{3}{8}$	$\Phi_{128}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
4565	261	272	$\frac{11}{272}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_8\ \Phi_1$
4566	261	320	$\frac{5}{64}$	$\frac{59}{320}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
4567	261	32	$\frac{3}{32}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{32}^8\ \Phi_{16}^8\ \Phi_8^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
4568	261	100	$\frac{1}{10}$	$\frac{13}{100}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{100}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
4569	261	104	$\frac{1}{13}$	$\frac{17}{104}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{104}^3\ \Phi_{52}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_4^3\ \Phi_1^3$
4570	261	44	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{44}^5\ \Phi_{22}^7\ \Phi_{11}^7\ \Phi_4^4\ \Phi_2^6\ \Phi_1^7$
4571	261	180	$\frac{1}{10}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^2\ \Phi_{90}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
4572	261	84	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{84}^4\ \Phi_{42}^5\ \Phi_{21}^5\ \Phi_{12}^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
4573	261	39	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{10}{39}$	$\frac{4}{13}$	$\Phi_{39}^9\ \Phi_{13}^2\ \Phi_3^9\ \Phi_1^3$
4574	261	40	$\frac{1}{10}$	$\frac{7}{40}$	$\frac{11}{40}$	$\frac{3}{10}$	$\Phi_{40}^6\ \Phi_{20}^6\ \Phi_{10}^8\ \Phi_8^6\ \Phi_5^8\ \Phi_4^6\ \Phi_2^8\ \Phi_1^9$
4575	261	40	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\frac{11}{40}$	$\Phi_{40}^6\ \Phi_{20}^6\ \Phi_{10}^6\ \Phi_8^9\ \Phi_5^6\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
4576	261	32	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{32}^9\ \Phi_{16}^9\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
4577	261	112	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{112}^3\ \Phi_{56}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
4578	261	140	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
4579	262	258	$\frac{2}{129}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{127}{258}$	$\Phi_{258}^2\ \Phi_{86}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
4580	262	528	$\frac{1}{44}$	$\frac{45}{176}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{528}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
4581	262	768	$\frac{3}{128}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{125}{256}$	$\Phi_{768}\ \Phi_{12}\ \Phi_6$
4582	262	232	$\frac{1}{29}$	$\frac{15}{116}$	$\frac{101}{232}$	$\frac{14}{29}$	$\Phi_{232}^2\ \Phi_{29}\ \Phi_8^2\ \Phi_1^2$
4583	262	174	$\frac{1}{29}$	$\frac{43}{174}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{174}^2\ \Phi_{87}^2\ \Phi_{29}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
4584	262	252	$\frac{5}{126}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{121}{252}$	$\Phi_{252}^2\ \Phi_{84}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
4585	262	252	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{121}{252}$	$\Phi_{252}^2\ \Phi_{84}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
4586	262	243	$\frac{19}{243}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{112}{243}$	$\Phi_{243}\ \Phi_{81}\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
4587	262	726	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{111}{242}$	$\Phi_{726}\ \Phi_{66}\ \Phi_{33}\ \Phi_6$
4588	262	144	$\frac{1}{12}$	$\frac{13}{144}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
4589	262	180	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{49}{180}$	$\frac{41}{90}$	$\Phi_{180}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
4590	262	240	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{3}$	$\frac{109}{240}$	$\Phi_{240}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
4591	262	189	$\frac{5}{63}$	$\frac{1}{9}$	$\frac{58}{189}$	$\frac{4}{9}$	$\Phi_{189}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
4592	262	144	$\frac{13}{144}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
4593	262	231	$\frac{2}{33}$	$\frac{31}{231}$	$\frac{1}{3}$	$\frac{100}{231}$	$\Phi_{231}\ \Phi_{77}\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{11}^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
4594	262	162	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{31}{162}$	$\frac{23}{54}$	$\Phi_{162}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
4595	262	225	$\frac{1}{9}$	$\frac{37}{225}$	$\frac{8}{45}$	$\frac{94}{225}$	$\Phi_{225}\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
4596	262	660	$\frac{1}{22}$	$\frac{21}{110}$	$\frac{1}{3}$	$\frac{89}{220}$	$\Phi_{660}\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
4597	262	216	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{108}$	$\frac{85}{216}$	$\Phi_{216}^2\ \Phi_{72}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
4598	262	408	$\frac{5}{136}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
4599	262	198	$\frac{1}{33}$	$\frac{32}{99}$	$\frac{1}{3}$	$\frac{67}{198}$	$\Phi_{198}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
4600	262	192	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{61}{192}$	$\frac{1}{3}$	$\Phi_{192}\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
4601	262	144	$\frac{13}{144}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
4602	262	180	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{180}$	$\frac{1}{3}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
4603	262	144	$\frac{13}{144}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
4604	262	480	$\frac{3}{32}$	$\frac{29}{160}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
4605	262	168	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{168}$	$\frac{1}{3}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
4606	262	162	$\frac{1}{9}$	$\frac{31}{162}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{162}^2\ \Phi_{81}\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
4607	264	195	$\frac{1}{65}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{32}{65}$	$\Phi_{195}\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
4608	264	263	$\frac{5}{263}$	$\frac{67}{263}$	$\frac{98}{263}$	$\frac{129}{263}$	$\Phi_{263}\ \Phi_1^2$
4609	264	399	$\frac{3}{133}$	$\frac{34}{133}$	$\frac{1}{3}$	$\frac{65}{133}$	$\Phi_{399}\ \Phi_{57}\ \Phi_{21}$
4610	264	215	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{21}{43}$	$\Phi_{215}\ \Phi_{43}^2\ \Phi_5^2\ \Phi_1^4$
4611	264	516	$\frac{1}{43}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{516}\ \Phi_{258}\ \Phi_{12}^2\ \Phi_6^2$
4612	264	263	$\frac{7}{263}$	$\frac{45}{263}$	$\frac{109}{263}$	$\frac{128}{263}$	$\Phi_{263}\ \Phi_1^2$
4613	264	448	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{31}{64}$	$\Phi_{448}\ \Phi_{64}^2\ \Phi_7\ \Phi_1^2$
4614	264	960	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{960}\ \Phi_{15}$
4615	264	356	$\frac{3}{89}$	$\frac{1}{4}$	$\frac{23}{89}$	$\frac{43}{89}$	$\Phi_{356}\ \Phi_{178}$
4616	264	263	$\frac{9}{263}$	$\frac{65}{263}$	$\frac{68}{263}$	$\frac{127}{263}$	$\Phi_{263}\ \Phi_1^2$
4617	264	399	$\frac{5}{133}$	$\frac{23}{133}$	$\frac{1}{3}$	$\frac{64}{133}$	$\Phi_{399}\ \Phi_{57}\ \Phi_{21}$
4618	264	460	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{11}{23}$	$\Phi_{460}\ \Phi_{92}\ \Phi_{23}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
4619	264	345	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{23}$	$\Phi_{345}\ \Phi_{69}\ \Phi_{23}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
4620	264	231	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{10}{21}$	$\Phi_{231}\ \Phi_{77}\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
4621	264	21	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{21}^{13}\ \Phi_7^{12}\ \Phi_3^{12}\ \Phi_1^{12}$
4622	264	231	$\frac{1}{21}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{10}{21}$	$\Phi_{231}\ \Phi_{77}\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
4623	264	420	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{70}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
4624	264	263	$\frac{13}{263}$	$\frac{23}{263}$	$\frac{120}{263}$	$\frac{125}{263}$	$\Phi_{263}\ \Phi_1^2$
4625	264	114	$\frac{1}{19}$	$\frac{5}{38}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{114}^4\ \Phi_{57}^3\ \Phi_6^4\ \Phi_3^2$
4626	264	263	$\frac{17}{263}$	$\frac{35}{263}$	$\frac{76}{263}$	$\frac{123}{263}$	$\Phi_{263}\ \Phi_1^2$
4627	264	105	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{105}^3\ \Phi_{35}^3\ \Phi_{21}^3\ \Phi_7^2$
4628	264	263	$\frac{19}{263}$	$\frac{47}{263}$	$\frac{54}{263}$	$\frac{122}{263}$	$\Phi_{263}\ \Phi_1^2$
4629	264	335	$\frac{5}{67}$	$\frac{12}{67}$	$\frac{1}{5}$	$\frac{31}{67}$	Φ_{335}
4630	264	356	$\frac{7}{89}$	$\frac{12}{89}$	$\frac{1}{4}$	$\frac{41}{89}$	$\Phi_{356}\ \Phi_{178}$
4631	264	263	$\frac{21}{263}$	$\frac{32}{263}$	$\frac{71}{263}$	$\frac{121}{263}$	$\Phi_{263}\ \Phi_1^2$
4632	264	399	$\frac{11}{133}$	$\frac{12}{133}$	$\frac{1}{3}$	$\frac{61}{133}$	$\Phi_{399}\ \Phi_{57}\ \Phi_{21}$
4633	264	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
4634	264	154	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{5}{11}$	$\Phi_{154}^2\ \Phi_{77}\ \Phi_{22}^2\ \Phi_{14}^4\ \Phi_{11}^2\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
4635	264	780	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{780}\ \Phi_{156}\ \Phi_{39}$
4636	264	460	$\frac{2}{23}$	$\frac{1}{10}$	$\frac{7}{23}$	$\frac{9}{20}$	$\Phi_{460}\ \Phi_{92}\ \Phi_{23}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
4637	264	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{180}\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
4638	264	460	$\frac{1}{10}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{9}{20}$	$\Phi_{460}\ \Phi_{92}\ \Phi_{23}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
4639	264	140	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{140}^4\ \Phi_{35}\ \Phi_{28}^4$
4640	264	189	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{189}^2\ \Phi_{63}\ \Phi_{21}$
4641	264	300	$\frac{1}{12}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
4642	264	105	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{105}^4\ \Phi_{21}^3\ \Phi_{15}^4\ \Phi_3^2$
4643	264	112	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{5}{16}$	$\frac{3}{7}$	$\Phi_{112}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_8^4\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
4644	264	84	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{84}^3\ \Phi_{42}^3\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^6\ \Phi_7^3\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
4645	264	280	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{40}$	$\frac{3}{7}$	$\Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
4646	264	263	$\frac{17}{263}$	$\frac{41}{263}$	$\frac{76}{263}$	$\frac{111}{263}$	$\Phi_{263}\ \Phi_1^2$
4647	264	57	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{1}{3}$	$\frac{8}{19}$	$\Phi_{57}^7\ \Phi_3^6$
4648	264	263	$\frac{14}{263}$	$\frac{45}{263}$	$\frac{83}{263}$	$\frac{109}{263}$	$\Phi_{263}\ \Phi_1^2$
4649	264	345	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{345}\ \Phi_{69}^2$
4650	264	215	$\frac{3}{43}$	$\frac{1}{5}$	$\frac{10}{43}$	$\frac{2}{5}$	$\Phi_{215}\ \Phi_{43}^2\ \Phi_5^2\ \Phi_1^4$
4651	264	60	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{60}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4$
4652	264	175	$\frac{3}{25}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{175}^2\ \Phi_{35}$
4653	264	450	$\frac{1}{25}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{450}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
4654	264	126	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{126}^4\ \Phi_{63}\ \Phi_{42}^4\ \Phi_{21}\ \Phi_{14}^4$
4655	264	299	$\frac{1}{23}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{299}
4656	264	263	$\frac{19}{263}$	$\frac{54}{263}$	$\frac{61}{263}$	$\frac{101}{263}$	$\Phi_{263}\ \Phi_1^2$
4657	264	356	$\frac{5}{89}$	$\frac{21}{89}$	$\frac{1}{4}$	$\frac{34}{89}$	$\Phi_{356}\ \Phi_{178}$
4658	264	400	$\frac{1}{25}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{400}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
4659	264	263	$\frac{15}{263}$	$\frac{62}{263}$	$\frac{67}{263}$	$\frac{98}{263}$	$\Phi_{263}\ \Phi_1^2$
4660	264	300	$\frac{1}{12}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
4661	264	263	$\frac{20}{263}$	$\frac{43}{263}$	$\frac{81}{263}$	$\frac{91}{263}$	$\Phi_{263}\ \Phi_1^2$
4662	264	335	$\frac{4}{67}$	$\frac{1}{5}$	$\frac{21}{67}$	$\frac{23}{67}$	Φ_{335}
4663	264	263	$\frac{8}{263}$	$\frac{85}{263}$	$\frac{87}{263}$	$\frac{89}{263}$	$\Phi_{263}\ \Phi_1^2$
4664	264	399	$\frac{4}{133}$	$\frac{43}{133}$	$\frac{1}{3}$	$\frac{45}{133}$	$\Phi_{399}\ \Phi_{57}\ \Phi_{21}$
4665	264	102	$\frac{1}{34}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{102}^3\ \Phi_{51}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_6^3\ \Phi_2^2$
4666	264	195	$\frac{2}{65}$	$\frac{21}{65}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
4667	264	276	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{276}\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{46}^2$
4668	264	105	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^2\ \Phi_{35}^4\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
4669	264	39	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{39}^5\ \Phi_{13}^{10}\ \Phi_3^6\ \Phi_1^{12}$
4670	264	84	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{84}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^2$
4671	264	57	$\frac{1}{19}$	$\frac{13}{57}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{57}^4\ \Phi_{19}^6\ \Phi_3^3\ \Phi_1^6$
4672	264	240	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^3$
4673	264	399	$\frac{10}{133}$	$\frac{23}{133}$	$\frac{41}{133}$	$\frac{1}{3}$	$\Phi_{399}\ \Phi_{57}\ \Phi_{21}$
4674	264	63	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{63}^6\ \Phi_{21}\ \Phi_9^6$
4675	264	147	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{147}^3\ \Phi_{21}$
4676	264	132	$\frac{1}{12}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
4677	264	195	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{195}\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{13}^2$
4678	264	399	$\frac{9}{133}$	$\frac{31}{133}$	$\frac{34}{133}$	$\frac{1}{3}$	$\Phi_{399}\ \Phi_{57}\ \Phi_{21}$
4679	264	516	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{516}\ \Phi_{258}\ \Phi_{12}^2\ \Phi_{6}^2$
4680	264	60	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^5\ \Phi_{30}^5\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{10}^6\ \Phi_{5}^6$
4681	264	42	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{42}^{12}\ \Phi_{21}^7\ \Phi_{6}^{12}\ \Phi_{3}^6$
4682	264	114	$\frac{5}{38}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{114}^4\ \Phi_{57}^3\ \Phi_{6}^4\ \Phi_{3}^2$
4683	264	120	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{6}^4\ \Phi_{3}^4$
4684	264	345	$\frac{2}{23}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{7}{23}$	$\Phi_{345}\ \Phi_{69}\ \Phi_{23}\ \Phi_{15}^2\ \Phi_{3}^2\ \Phi_{1}^2$
4685	264	154	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{14}$	$\frac{3}{11}$	$\Phi_{154}^2\ \Phi_{77}\ \Phi_{22}^2\ \Phi_{14}^4\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{2}^4\ \Phi_{1}^4$
4686	264	180	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{2}^2$
4687	264	345	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{5}{23}$	$\frac{4}{15}$	$\Phi_{345}\ \Phi_{69}\ \Phi_{23}\ \Phi_{15}^2\ \Phi_{3}^2\ \Phi_{1}^2$
4688	264	105	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{105}^4\ \Phi_{35}\ \Phi_{21}^4$
4689	264	140	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{140}^3\ \Phi_{70}\ \Phi_{35}^2\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_{5}^2$
4690	265	104	$\frac{1}{52}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{51}{104}$	$\Phi_{104}\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_{8}^2\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^5$
4691	265	512	$\frac{9}{256}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{247}{512}$	$\Phi_{512}\ \Phi_{16}\ \Phi_{1}$
4692	265	102	$\frac{2}{51}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{102}^2\ \Phi_{51}^3\ \Phi_{34}^2\ \Phi_{17}^3\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
4693	265	96	$\frac{1}{24}$	$\frac{5}{48}$	$\frac{43}{96}$	$\frac{23}{48}$	$\Phi_{96}^5\ \Phi_{48}\ \Phi_{32}^5\ \Phi_{16}\ \Phi_{1}$
4694	265	504	$\frac{13}{252}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{239}{504}$	$\Phi_{504}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
4695	265	72	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{72}^5\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{9}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
4696	265	324	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{59}{324}$	$\frac{49}{108}$	$\Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
4697	265	96	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{96}^5\ \Phi_{32}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
4698	265	384	$\frac{9}{128}$	$\frac{1}{8}$	$\frac{119}{384}$	$\frac{7}{16}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
4699	265	288	$\frac{23}{288}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
4700	265	64	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{11}{64}$	$\frac{7}{16}$	$\Phi_{64}^4\ \Phi_{32}^4\ \Phi_{16}^5\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^5$
4701	265	60	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{60}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
4702	265	90	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{90}^2\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{18}^5\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_{9}^5\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
4703	265	66	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{13}{66}$	$\frac{9}{22}$	$\Phi_{66}^5\ \Phi_{33}^5\ \Phi_{11}^4\ \Phi_{6}^5\ \Phi_{3}^5\ \Phi_{1}^5$
4704	265	88	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{44}$	$\frac{35}{88}$	$\Phi_{88}^5\ \Phi_{11}^4\ \Phi_{8}^5\ \Phi_{1}^5$
4705	265	432	$\frac{1}{24}$	$\frac{49}{216}$	$\frac{23}{72}$	$\frac{167}{432}$	$\Phi_{432}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
4706	265	432	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{216}$	$\frac{167}{432}$	$\Phi_{432}\ \Phi_{144}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
4707	265	384	$\frac{1}{24}$	$\frac{23}{96}$	$\frac{119}{384}$	$\frac{73}{192}$	$\Phi_{384}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
4708	265	312	$\frac{1}{26}$	$\frac{1}{4}$	$\frac{25}{78}$	$\frac{3}{8}$	$\Phi_{312}^2\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}^2\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
4709	265	56	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{56}^5\ \Phi_{28}^5\ \Phi_{14}^5\ \Phi_{8}^2\ \Phi_{7}^5\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^5$
4710	265	520	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}\ \Phi_{65}\ \Phi_{40}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
4711	265	288	$\frac{23}{288}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
4712	265	396	$\frac{1}{33}$	$\frac{32}{99}$	$\frac{131}{396}$	$\frac{67}{198}$	$\Phi_{396}\ \Phi_{132}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
4713	265	378	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{113}{378}$	$\Phi_{378}\ \Phi_{189}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
4714	265	72	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{72}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_{9}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
4715	266	212	$\frac{1}{53}$	$\frac{27}{106}$	$\frac{79}{212}$	$\frac{26}{53}$	$\Phi_{212}^2\ \Phi_{53}\ \Phi_{4}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
4716	266	260	$\frac{3}{130}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{127}{260}$	$\Phi_{260}^2\ \Phi_{52}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
4717	266	444	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{18}{37}$	$\Phi_{444}\ \Phi_{148}\ \Phi_{37}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
4718	266	333	$\frac{1}{37}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{333}\ \Phi_{37}\ \Phi_9^2\ \Phi_1^2$
4719	266	255	$\frac{11}{255}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{122}{255}$	$\Phi_{255}\ \Phi_{85}\ \Phi_{51}\ \Phi_{17}\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
4720	266	180	$\frac{2}{45}$	$\frac{1}{5}$	$\frac{47}{180}$	$\frac{43}{90}$	$\Phi_{180}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
4721	266	468	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{17}{36}$	$\Phi_{468}\ \Phi_{156}\ \Phi_{52}\ \Phi_{36}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
4722	266	72	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{72}^4\ \Phi_{36}^2\ \Phi_{24}^5\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_9^4\ \Phi_8^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
4723	266	273	$\frac{1}{13}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{273}\ \Phi_{91}\ \Phi_{21}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_1^2$
4724	266	351	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{6}{13}$	$\Phi_{351}\ \Phi_{27}^2\ \Phi_{13}\ \Phi_1^2$
4725	266	104	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{104}^3\ \Phi_{52}^3\ \Phi_{26}\ \Phi_{13}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
4726	266	312	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{6}{13}$	$\Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{52}\ \Phi_{24}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
4727	266	240	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{107}{240}$	$\Phi_{240}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
4728	266	150	$\frac{17}{150}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{150}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
4729	266	60	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{60}^5\ \Phi_{30}^5\ \Phi_{20}^4\ \Phi_{15}^5\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
4730	266	225	$\frac{4}{45}$	$\frac{41}{225}$	$\frac{1}{5}$	$\frac{92}{225}$	$\Phi_{225}\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
4731	266	480	$\frac{1}{15}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
4732	266	195	$\frac{3}{65}$	$\frac{1}{5}$	$\frac{62}{195}$	$\frac{2}{5}$	$\Phi_{195}^2\ \Phi_{39}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
4733	266	20	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{20}^{14}\ \Phi_{10}^{12}\ \Phi_5^{13}\ \Phi_4^{14}\ \Phi_2^{12}\ \Phi_1^{14}$
4734	266	120	$\frac{1}{15}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^2\ \Phi_{60}^3\ \Phi_{40}^2\ \Phi_{30}^3\ \Phi_{24}\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
4735	266	30	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{30}^{14}\ \Phi_{15}^4\ \Phi_{10}^{14}\ \Phi_6^{14}\ \Phi_5^3\ \Phi_3^4\ \Phi_2^{14}\ \Phi_1^4$
4736	266	180	$\frac{1}{20}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
4737	266	168	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_6$
4738	266	216	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
4739	266	360	$\frac{1}{8}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
4740	266	24	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{24}^{11}\ \Phi_{12}^{11}\ \Phi_8^{10}\ \Phi_6^{13}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
4741	266	180	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\frac{47}{180}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
4742	267	348	$\frac{2}{87}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{348}\ \Phi_{116}\ \Phi_{87}\ \Phi_{29}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
4743	267	152	$\frac{1}{38}$	$\frac{13}{76}$	$\frac{63}{152}$	$\frac{37}{76}$	$\Phi_{152}^3\ \Phi_{76}\ \Phi_8^3\ \Phi_4\ \Phi_1$
4744	267	120	$\frac{1}{30}$	$\frac{1}{4}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{120}^3\ \Phi_{60}^2\ \Phi_{40}^3\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
4745	267	340	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{81}{170}$	$\Phi_{340}\ \Phi_{85}\ \Phi_{68}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
4746	267	108	$\frac{1}{18}$	$\frac{19}{108}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{108}^3\ \Phi_{54}^3\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
4747	267	168	$\frac{5}{84}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{79}{168}$	$\Phi_{168}^3\ \Phi_{56}^3\ \Phi_{28}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
4748	267	168	$\frac{5}{84}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{79}{168}$	$\Phi_{168}^3\ \Phi_{56}^3\ \Phi_{24}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
4749	267	168	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{79}{168}$	$\Phi_{168}^3\ \Phi_{56}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
4750	267	364	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{97}{364}$	$\frac{85}{182}$	$\Phi_{364}\ \Phi_{91}\ \Phi_{52}\ \Phi_{28}\ \Phi_{13}\ \Phi_4\ \Phi_1$
4751	267	112	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{23}{112}$	$\frac{13}{28}$	$\Phi_{112}^3\ \Phi_{56}^3\ \Phi_{28}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
4752	267	324	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{73}{162}$	$\Phi_{324}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
4753	267	100	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{100}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
4754	267	160	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{4}$	$\frac{71}{160}$	$\Phi_{160}^3\ \Phi_{32}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
4755	267	96	$\frac{7}{96}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
4756	267	152	$\frac{1}{19}$	$\frac{13}{76}$	$\frac{6}{19}$	$\frac{63}{152}$	$\Phi_{152}^3\ \Phi_{19}^2\ \Phi_8^3\ \Phi_1^3$
4757	267	300	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{1}{4}$	$\frac{61}{150}$	$\Phi_{300}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
4758	267	380	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{113}{380}$	$\frac{77}{190}$	$\Phi_{380}\ \Phi_{95}\ \Phi_{76}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
4759	267	448	$\frac{1}{14}$	$\frac{43}{224}$	$\frac{13}{56}$	$\frac{181}{448}$	$\Phi_{448}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
4760	267	112	$\frac{1}{14}$	$\frac{23}{112}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{112}^2\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
4761	267	144	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{1}{4}$	$\frac{55}{144}$	$\Phi_{144}^3\ \Phi_{48}^3\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
4762	267	95	$\frac{6}{95}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{95}^3\ \Phi_{19}^2\ \Phi_5^3\ \Phi_1^3$
4763	267	140	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{19}{70}$	$\frac{51}{140}$	$\Phi_{140}^3\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{10}\ \Phi_5\ \Phi_4^3\ \Phi_1$
4764	267	98	$\frac{9}{98}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{98}^3\ \Phi_{49}^3\ \Phi_7^2\ \Phi_1^3$
4765	267	114	$\frac{1}{19}$	$\frac{25}{114}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{114}^3\ \Phi_{57}^3\ \Phi_{19}^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
4766	267	108	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
4767	267	126	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{37}{126}$	$\Phi_{126}^3\ \Phi_{63}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_1^3$
4768	267	252	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{37}{126}$	$\Phi_{252}^2\ \Phi_{126}\ \Phi_{63}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
4769	267	105	$\frac{1}{7}$	$\frac{16}{105}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{105}^3\ \Phi_{35}^3\ \Phi_{15}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
4770	267	112	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{23}{112}$	$\frac{2}{7}$	$\Phi_{112}^3\ \Phi_{56}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
4771	267	120	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\frac{31}{120}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
4772	268	132	$\frac{1}{66}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{65}{132}$	$\Phi_{132}^4\ \Phi_{44}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
4773	268	90	$\frac{1}{45}$	$\frac{23}{90}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{90}^4\ \Phi_{45}^2\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
4774	268	261	$\frac{7}{261}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{127}{261}$	$\Phi_{261}\ \Phi_{87}\ \Phi_{29}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
4775	268	390	$\frac{2}{65}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{63}{130}$	$\Phi_{390}^2\ \Phi_{78}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
4776	268	89	$\frac{3}{89}$	$\frac{22}{89}$	$\frac{23}{89}$	$\frac{43}{89}$	$\Phi_{89}^3\ \Phi_1^4$
4777	268	81	$\frac{1}{27}$	$\frac{14}{81}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{81}^4\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
4778	268	640	$\frac{3}{64}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{640}\ \Phi_{20}\ \Phi_{10}$
4779	268	255	$\frac{13}{255}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{121}{255}$	$\Phi_{255}\ \Phi_{85}\ \Phi_{51}\ \Phi_{17}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
4780	268	126	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{59}{126}$	$\Phi_{126}^4\ \Phi_{42}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
4781	268	75	$\frac{1}{15}$	$\frac{8}{75}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{75}^4\ \Phi_{25}^4\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
4782	268	243	$\frac{2}{27}$	$\frac{25}{243}$	$\frac{1}{3}$	$\frac{109}{243}$	$\Phi_{243}\ \Phi_{81}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
4783	268	72	$\frac{5}{72}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{72}^4\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
4784	268	120	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{3}$	$\frac{53}{120}$	$\Phi_{120}^4\ \Phi_{40}^4\ \Phi_{24}^4\ \Phi_{15}^2\ \Phi_8^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
4785	268	225	$\frac{2}{45}$	$\frac{43}{225}$	$\frac{1}{3}$	$\frac{91}{225}$	$\Phi_{225}\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
4786	268	210	$\frac{3}{70}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_6^2$
4787	268	108	$\frac{1}{27}$	$\frac{13}{54}$	$\frac{1}{3}$	$\frac{41}{108}$	$\Phi_{108}^4\ \Phi_{36}^4\ \Phi_{27}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
4788	268	360	$\frac{5}{72}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
4789	268	510	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{510}\ \Phi_{170}\ \Phi_{85}\ \Phi_{30}\ \Phi_{10}$
4790	268	69	$\frac{2}{69}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{69}^4\ \Phi_{23}^4\ \Phi_3\ \Phi_1^2$
4791	268	99	$\frac{1}{33}$	$\frac{32}{99}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{99}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
4792	268	264	$\frac{1}{22}$	$\frac{21}{88}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{264}\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
4793	268	165	$\frac{2}{33}$	$\frac{31}{165}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}^2\ \Phi_{55}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
4794	268	72	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{72}^4\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
4795	268	231	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}\ \Phi_{77}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
4796	268	195	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{61}{195}$	$\frac{1}{3}$	$\Phi_{195}\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
4797	268	81	$\frac{2}{27}$	$\frac{14}{81}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{81}^3\ \Phi_{27}^4\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
4798	268	189	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{189}$	$\frac{1}{3}$	$\Phi_{189}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
4799	268	90	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{23}{90}$	$\frac{1}{3}$	$\Phi_{90}^4\ \Phi_{45}^4\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
4800	268	480	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
4801	268	80	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
4802	269	528	$\frac{5}{264}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{259}{528}$	$\Phi_{528}\ \Phi_{176}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
4803	269	512	$\frac{13}{256}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{243}{512}$	$\Phi_{512}\ \Phi_{16}\ \Phi_8\ \Phi_1$
4804	269	288	$\frac{19}{288}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
4805	269	352	$\frac{5}{88}$	$\frac{83}{352}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{352}\ \Phi_{176}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
4806	269	288	$\frac{19}{288}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
4807	269	408	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{65}{204}$	$\frac{139}{408}$	$\Phi_{408}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_8\ \Phi_1$
4808	269	384	$\frac{13}{128}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{115}{384}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
4809	269	320	$\frac{51}{320}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
4810	270	424	$\frac{1}{53}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{26}{53}$	$\Phi_{424}\ \Phi_{53}\ \Phi_8^2\ \Phi_1^2$
4811	270	440	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{43}{88}$	$\Phi_{440}\ \Phi_{88}^2\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
4812	270	264	$\frac{1}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{264}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
4813	270	464	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{14}{29}$	$\Phi_{464}\ \Phi_{29}\ \Phi_{16}^2\ \Phi_1^2$
4814	270	116	$\frac{1}{29}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{116}^2\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
4815	270	468	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{25}{52}$	$\Phi_{468}\ \Phi_{156}\ \Phi_{52}^2\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
4816	270	156	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{156}^3\ \Phi_{52}^4\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
4817	270	269	$\frac{13}{269}$	$\frac{47}{269}$	$\frac{74}{269}$	$\frac{128}{269}$	$\Phi_{269}\ \Phi_1^2$
4818	270	768	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{121}{256}$	$\Phi_{768}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
4819	270	364	$\frac{5}{91}$	$\frac{16}{91}$	$\frac{1}{4}$	$\frac{43}{91}$	$\Phi_{364}\ \Phi_{182}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$
4820	270	476	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{8}{17}$	$\Phi_{476}\ \Phi_{68}\ \Phi_{28}^2\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
4821	270	119	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{8}{17}$	$\Phi_{119}^2\ \Phi_{17}^3\ \Phi_7^4\ \Phi_1^6$
4822	270	204	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{204}^2\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{17}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
4823	270	420	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{420}^2\ \Phi_{84}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
4824	270	476	$\frac{1}{14}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{13}{28}$	$\Phi_{476}\ \Phi_{68}\ \Phi_{28}^2\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
4825	270	28	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{28}^7\ \Phi_{14}^{13}\ \Phi_7^{12}\ \Phi_4^6\ \Phi_2^{12}\ \Phi_1^{12}$
4826	270	52	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{52}^5\ \Phi_{26}^5\ \Phi_{13}^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
4827	270	269	$\frac{21}{269}$	$\frac{29}{269}$	$\frac{80}{269}$	$\frac{124}{269}$	$\Phi_{269}\ \Phi_1^2$
4828	270	150	$\frac{2}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{150}^2\ \Phi_{75}^2\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{15}^3\ \Phi_{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
4829	270	66	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{66}^5\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
4830	270	269	$\frac{25}{269}$	$\frac{44}{269}$	$\frac{49}{269}$	$\frac{122}{269}$	$\Phi_{269}\ \Phi_1^2$
4831	270	364	$\frac{9}{91}$	$\frac{10}{91}$	$\frac{1}{4}$	$\frac{41}{91}$	$\Phi_{364}\ \Phi_{182}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
4832	270	117	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{4}{13}$	$\frac{4}{9}$	$\Phi_{117}^2\ \Phi_{39}^2\ \Phi_{13}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^6$
4833	270	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{180}^2\ \Phi_{90}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
4834	270	48	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{48}^8\ \Phi_{24}^9\ \Phi_{12}^9\ \Phi_6^9\ \Phi_3^8$
4835	270	464	$\frac{2}{29}$	$\frac{1}{8}$	$\frac{9}{29}$	$\frac{7}{16}$	$\Phi_{464}\ \Phi_{29}\ \Phi_{16}^2\ \Phi_1^2$
4836	270	176	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{176}^3\ \Phi_{44}\ \Phi_{22}$
4837	270	464	$\frac{1}{8}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{7}{16}$	$\Phi_{464}\ \Phi_{29}\ \Phi_{16}^2\ \Phi_1^2$
4838	270	336	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{336}^2\ \Phi_{112}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
4839	270	714	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{1}{3}$	$\frac{103}{238}$	$\Phi_{714}\ \Phi_{102}\ \Phi_{51}\ \Phi_{42}\ \Phi_6$
4840	270	269	$\frac{17}{269}$	$\frac{37}{269}$	$\frac{84}{269}$	$\frac{116}{269}$	$\Phi_{269}\ \Phi_1^2$
4841	270	196	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{196}^2\ \Phi_{98}^2\ \Phi_{28}\ \Phi_{14}$
4842	270	52	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{4}$	$\frac{11}{26}$	$\Phi_{52}^7\ \Phi_{26}\ \Phi_{13}^6\ \Phi_4^6\ \Phi_1^6$
4843	270	310	$\frac{1}{10}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{310}\ \Phi_{155}\ \Phi_{62}$
4844	270	269	$\frac{24}{269}$	$\frac{49}{269}$	$\frac{53}{269}$	$\frac{110}{269}$	$\Phi_{269}\ \Phi_1^2$
4845	270	364	$\frac{6}{91}$	$\frac{17}{91}$	$\frac{1}{4}$	$\frac{37}{91}$	$\Phi_{364}\ \Phi_{182}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$
4846	270	110	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{7}{22}$	$\frac{2}{5}$	$\Phi_{110}^2\ \Phi_{55}^2\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_{10}^2\ \Phi_5^3\ \Phi_2^4\ \Phi_1^6$
4847	270	80	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}^2\ \Phi_{16}^6\ \Phi_{10}^2\ \Phi_8^6\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
4848	270	55	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{55}^4\ \Phi_{11}^8\ \Phi_5^5\ \Phi_1^{10}$
4849	270	30	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{30}^{11}\ \Phi_{15}^{11}\ \Phi_{10}^5\ \Phi_6^{10}\ \Phi_5^6\ \Phi_3^{10}\ \Phi_2^4\ \Phi_1^6$
4850	270	269	$\frac{11}{269}$	$\frac{61}{269}$	$\frac{86}{269}$	$\frac{104}{269}$	$\Phi_{269}\ \Phi_1^2$
4851	270	132	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{132}^4\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}^4\ \Phi_4^2$
4852	270	168	$\frac{1}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{168}^4\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
4853	270	424	$\frac{2}{53}$	$\frac{1}{4}$	$\frac{17}{53}$	$\frac{3}{8}$	$\Phi_{424}\ \Phi_{53}\ \Phi_8^2\ \Phi_1^2$
4854	270	152	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{152}^3\ \Phi_{76}\ \Phi_{38}$
4855	270	352	$\frac{1}{11}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{352}\ \Phi_{176}\ \Phi_{44}\ \Phi_{22}$
4856	270	424	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{424}\ \Phi_{53}\ \Phi_8^2\ \Phi_1^2$
4857	270	280	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^2\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{14}$
4858	270	304	$\frac{1}{16}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
4859	270	269	$\frac{19}{269}$	$\frac{50}{269}$	$\frac{73}{269}$	$\frac{98}{269}$	$\Phi_{269}\ \Phi_1^2$
4860	270	154	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{154}^3\ \Phi_{77}\ \Phi_{22}^3$
4861	270	310	$\frac{1}{10}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{310}\ \Phi_{155}\ \Phi_{62}$
4862	270	269	$\frac{26}{269}$	$\frac{35}{269}$	$\frac{81}{269}$	$\frac{94}{269}$	$\Phi_{269}\ \Phi_1^2$
4863	270	330	$\frac{4}{55}$	$\frac{1}{6}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{10}$
4864	270	269	$\frac{14}{269}$	$\frac{59}{269}$	$\frac{85}{269}$	$\frac{92}{269}$	$\Phi_{269}\ \Phi_1^2$
4865	270	364	$\frac{4}{91}$	$\frac{1}{4}$	$\frac{29}{91}$	$\frac{31}{91}$	$\Phi_{364}\ \Phi_{182}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$
4866	270	204	$\frac{1}{34}$	$\frac{11}{34}$	$\frac{1}{3}$	$\frac{23}{68}$	$\Phi_{204}^3\ \Phi_{102}\ \Phi_{51}\ \Phi_{12}^3\ \Phi_6$
4867	270	132	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{132}^4\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{12}^5\ \Phi_6^3\ \Phi_3^2$
4868	270	408	$\frac{7}{136}$	$\frac{31}{136}$	$\frac{43}{136}$	$\frac{1}{3}$	$\Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
4869	270	78	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{78}^4\ \Phi_{39}^2\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_6^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
4870	270	408	$\frac{13}{136}$	$\frac{19}{136}$	$\frac{41}{136}$	$\frac{1}{3}$	$\Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
4871	270	192	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{19}{64}$	$\frac{1}{3}$	$\Phi_{192}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
4872	270	210	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{42}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_6^3$
4873	270	408	$\frac{11}{136}$	$\frac{25}{136}$	$\frac{37}{136}$	$\frac{1}{3}$	$\Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
4874	270	48	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{48}^9\ \Phi_{24}^9\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
4875	270	528	$\frac{3}{44}$	$\frac{41}{176}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
4876	270	132	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^4\ \Phi_{66}^4\ \Phi_{12}^5\ \Phi_6^5$
4877	270	60	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^6\ \Phi_{30}^3\ \Phi_{20}^8\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^4\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
4878	270	96	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{96}^4\ \Phi_{48}^4\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
4879	270	102	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{34}$	$\frac{1}{3}$	$\Phi_{102}^5\ \Phi_{51}^3\ \Phi_6^5\ \Phi_3^2$
4880	270	116	$\frac{2}{29}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{116}^2\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
4881	270	269	$\frac{20}{269}$	$\frac{62}{269}$	$\frac{69}{269}$	$\frac{83}{269}$	$\Phi_{269}\ \Phi_1^2$
4882	270	52	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{52}^7\ \Phi_{26}^7\ \Phi_4^6\ \Phi_2^6$
4883	270	119	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{17}$	$\Phi_{119}^2\ \Phi_{17}^3\ \Phi_7^4\ \Phi_1^6$
4884	270	204	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{204}^2\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{17}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
4885	270	269	$\frac{32}{269}$	$\frac{38}{269}$	$\frac{77}{269}$	$\frac{79}{269}$	$\Phi_{269}\ \Phi_1^2$
4886	270	330	$\frac{7}{55}$	$\frac{1}{6}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{10}$
4887	270	269	$\frac{38}{269}$	$\frac{41}{269}$	$\frac{64}{269}$	$\frac{77}{269}$	$\Phi_{269}\ \Phi_1^2$
4888	270	28	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{28}^{13}\ \Phi_{14}^{13}\ \Phi_4^{12}\ \Phi_2^{12}$
4889	270	322	$\frac{1}{7}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{322}\ \Phi_{161}\ \Phi_{14}$
4890	270	150	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{150}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
4891	270	269	$\frac{34}{269}$	$\frac{47}{269}$	$\frac{65}{269}$	$\frac{74}{269}$	$\Phi_{269}\ \Phi_1^2$
4892	270	364	$\frac{11}{91}$	$\frac{16}{91}$	$\frac{1}{4}$	$\frac{25}{91}$	$\Phi_{364}\ \Phi_{182}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$
4893	270	44	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{44}^7\ \Phi_{22}^7\ \Phi_{11}^6$
4894	270	116	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{116}^2\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
4895	270	84	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{84}^4\ \Phi_{42}^5\ \Phi_{28}^2\ \Phi_{21}^5\ \Phi_{14}^3\ \Phi_7^2$
4896	270	56	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{56}^6\ \Phi_{28}^3\ \Phi_{14}^5\ \Phi_8^6\ \Phi_7^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
4897	271	432	$\frac{1}{54}$	$\frac{55}{216}$	$\frac{161}{432}$	$\frac{53}{108}$	$\Phi_{432}\ \Phi_{144}\ \Phi_{108}\ \Phi_{48}\ \Phi_{36}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
4898	271	528	$\frac{7}{264}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{257}{528}$	$\Phi_{528}\ \Phi_{176}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
4899	271	480	$\frac{1}{30}$	$\frac{31}{240}$	$\frac{209}{480}$	$\frac{29}{60}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{60}\ \Phi_{32}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
4900	271	360	$\frac{1}{30}$	$\frac{89}{360}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
4901	271	520	$\frac{11}{260}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{249}{520}$	$\Phi_{520}\ \Phi_{104}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
4902	271	312	$\frac{2}{39}$	$\frac{41}{312}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{52}\ \Phi_{39}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
4903	271	504	$\frac{1}{18}$	$\frac{19}{252}$	$\frac{233}{504}$	$\frac{17}{36}$	$\Phi_{504}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
4904	271	330	$\frac{4}{55}$	$\frac{59}{330}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{330}\ \Phi_{165}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
4905	271	504	$\frac{19}{252}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{233}{504}$	$\Phi_{504}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$
4906	271	500	$\frac{21}{250}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{229}{500}$	$\Phi_{500}\ \Phi_{100}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
4907	271	294	$\frac{23}{294}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{294}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{21}\ \Phi_7\ \Phi_1$
4908	271	480	$\frac{1}{10}$	$\frac{31}{240}$	$\frac{9}{40}$	$\frac{209}{480}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
4909	271	468	$\frac{2}{39}$	$\frac{37}{234}$	$\frac{1}{3}$	$\frac{197}{468}$	$\Phi_{468}\ \Phi_{156}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
4910	271	300	$\frac{29}{300}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
4911	271	396	$\frac{7}{132}$	$\frac{1}{6}$	$\frac{125}{396}$	$\frac{5}{12}$	$\Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
4912	271	288	$\frac{17}{288}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
4913	271	320	$\frac{1}{10}$	$\frac{49}{320}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{320}\ \Phi_{160}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
4914	271	440	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{220}$	$\frac{169}{440}$	$\Phi_{440}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}\ \Phi_{11}\ \Phi_8\ \Phi_1$
4915	271	432	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{55}{216}$	$\frac{161}{432}$	$\Phi_{432}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
4916	271	420	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{210}$	$\frac{149}{420}$	$\Phi_{420}\ \Phi_{140}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
4917	271	351	$\frac{2}{39}$	$\frac{80}{351}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{351}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_1$
4918	271	315	$\frac{2}{21}$	$\frac{44}{315}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_1$
4919	271	378	$\frac{2}{21}$	$\frac{19}{126}$	$\frac{107}{378}$	$\frac{1}{3}$	$\Phi_{378}\ \Phi_{189}\ \Phi_{54}\ \Phi_{27}\ \Phi_{21}\ \Phi_7\ \Phi_1$
4920	271	336	$\frac{2}{21}$	$\frac{65}{336}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_8\ \Phi_7\ \Phi_1$
4921	271	375	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\frac{104}{375}$	$\Phi_{375}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
4922	271	360	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{89}{360}$	$\frac{31}{120}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
4923	272	201	$\frac{1}{67}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{33}{67}$	$\Phi_{201}\ \Phi_{67}^2\ \Phi_3^2\ \Phi_1^4$
4924	272	271	$\frac{5}{271}$	$\frac{69}{271}$	$\frac{101}{271}$	$\frac{133}{271}$	$\Phi_{271}\ \Phi_1^2$
4925	272	411	$\frac{3}{137}$	$\frac{35}{137}$	$\frac{1}{3}$	$\frac{67}{137}$	Φ_{411}
4926	272	231	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{16}{33}$	$\Phi_{231}\ \Phi_{77}\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{11}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
4927	272	165	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{165}^2\ \Phi_{55}^2\ \Phi_{15}^3\ \Phi_5^2$
4928	272	271	$\frac{9}{271}$	$\frac{35}{271}$	$\frac{118}{271}$	$\frac{131}{271}$	$\Phi_{271}\ \Phi_1^2$
4929	272	115	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{115}^3\ \Phi_5^2$
4930	272	271	$\frac{13}{271}$	$\frac{50}{271}$	$\frac{71}{271}$	$\frac{129}{271}$	$\Phi_{271}\ \Phi_1^2$
4931	272	411	$\frac{7}{137}$	$\frac{18}{137}$	$\frac{1}{3}$	$\frac{65}{137}$	Φ_{411}
4932	272	480	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{15}{32}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
4933	272	288	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{288}^2\ \Phi_{96}\ \Phi_{32}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
4934	272	160	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{160}^3\ \Phi_{32}^4\ \Phi_5^3\ \Phi_1^4$
4935	272	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{7}{15}$	$\Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
4936	272	60	$\frac{1}{15}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{60}^4\ \Phi_{30}^4\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^6\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^6$
4937	272	510	$\frac{1}{17}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{510}\ \Phi_{170}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
4938	272	90	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{90}^6\ \Phi_{45}\ \Phi_{30}^4\ \Phi_{18}^6\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
4939	272	126	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{126}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
4940	272	154	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{22}$	$\frac{3}{7}$	$\Phi_{154}^2\ \Phi_{77}\ \Phi_{22}^4\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
4941	272	63	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{63}^5\ \Phi_{21}^3\ \Phi_9^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
4942	272	408	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{408}\ \Phi_{136}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
4943	272	306	$\frac{1}{18}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{306}\ \Phi_{153}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
4944	272	180	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
4945	272	252	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{252}^2\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{36}^2\ \Phi_{21}\ \Phi_{12}^2$
4946	272	271	$\frac{11}{271}$	$\frac{65}{271}$	$\frac{84}{271}$	$\frac{103}{271}$	$\Phi_{271}\ \Phi_1^2$
4947	272	411	$\frac{5}{137}$	$\frac{33}{137}$	$\frac{1}{3}$	$\frac{52}{137}$	Φ_{411}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
4948	272	105	$\frac{1}{35}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^3\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_7^2\ \Phi_5^2$
4949	272	201	$\frac{3}{67}$	$\frac{16}{67}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{201}\ \Phi_{67}^2\ \Phi_3^2\ \Phi_1^4$
4950	272	90	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{90}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
4951	272	495	$\frac{2}{33}$	$\frac{1}{5}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{495}\ \Phi_{45}\ \Phi_{15}$
4952	272	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{72}^4\ \Phi_{36}^4\ \Phi_{24}^3\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_9^6\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
4953	272	180	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
4954	272	330	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{330}^2\ \Phi_{165}\ \Phi_{30}^2\ \Phi_{15}^2$
4955	272	120	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
4956	272	45	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{45}^6\ \Phi_{15}^7\ \Phi_9^5\ \Phi_5^6\ \Phi_3^6\ \Phi_1^6$
4957	272	20	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{20}^{13}\ \Phi_{10}^{13}\ \Phi_5^{16}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{16}$
4958	273	228	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{37}{76}$	$\Phi_{114}^2\ \Phi_{76}\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
4959	273	684	$\frac{1}{38}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{684}\ \Phi_{76}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
4960	273	368	$\frac{3}{92}$	$\frac{1}{4}$	$\frac{95}{368}$	$\frac{89}{184}$	$\Phi_{368}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_1$
4961	273	176	$\frac{3}{88}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{85}{176}$	$\Phi_{176}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
4962	273	120	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{19}{40}$	$\Phi_{60}^4\ \Phi_{40}\ \Phi_{30}^4\ \Phi_{24}\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^2\ \Phi_6^4\ \Phi_5^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
4963	273	120	$\frac{1}{20}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{120}^4\ \Phi_{40}^5\ \Phi_{24}^4\ \Phi_{15}\ \Phi_8^5\ \Phi_5\ \Phi_1$
4964	273	360	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{19}{40}$	$\Phi_{360}^2\ \Phi_{72}^2\ \Phi_{40}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
4965	273	80	$\frac{1}{20}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{80}^4\ \Phi_{40}\ \Phi_{20}^4\ \Phi_{16}^5\ \Phi_{10}^4\ \Phi_8^2\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
4966	273	512	$\frac{1}{16}$	$\frac{17}{256}$	$\frac{239}{512}$	$\frac{15}{32}$	$\Phi_{512}\ \Phi_{32}\ \Phi_1$
4967	273	128	$\frac{1}{16}$	$\frac{17}{128}$	$\frac{37}{128}$	$\frac{15}{32}$	$\Phi_{128}^2\ \Phi_{64}^2\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
4968	273	320	$\frac{1}{16}$	$\frac{47}{320}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
4969	273	120	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{11}{24}$	$\Phi_{120}^4\ \Phi_{40}^4\ \Phi_{24}^5\ \Phi_{10}^2\ \Phi_8^5\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
4970	273	24	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{24}^9\ \Phi_{12}^{12}\ \Phi_8^{12}\ \Phi_6^{12}\ \Phi_4^{14}\ \Phi_3^{12}\ \Phi_2^{14}\ \Phi_1^{15}$
4971	273	600	$\frac{1}{12}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{600}\ \Phi_{200}\ \Phi_{25}\ \Phi_{24}\ \Phi_8\ \Phi_1$
4972	273	280	$\frac{4}{35}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{280}\ \Phi_{140}\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
4973	273	16	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{16}^{14}\ \Phi_8^{20}\ \Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^{21}$
4974	273	160	$\frac{1}{16}$	$\frac{11}{80}$	$\frac{5}{16}$	$\frac{69}{160}$	$\Phi_{160}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
4975	273	160	$\frac{1}{8}$	$\frac{11}{80}$	$\frac{7}{40}$	$\frac{69}{160}$	$\Phi_{160}^3\ \Phi_{40}\ \Phi_{32}^3\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
4976	273	68	$\frac{2}{17}$	$\frac{5}{34}$	$\frac{3}{17}$	$\frac{29}{68}$	$\Phi_{68}^7\ \Phi_{17}^2\ \Phi_4^7\ \Phi_1^3$
4977	273	128	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{37}{128}$	$\frac{27}{64}$	$\Phi_{128}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
4978	273	228	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{6}{19}$	$\frac{5}{12}$	$\Phi_{228}^2\ \Phi_{76}^2\ \Phi_{19}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
4979	273	84	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{84}^2\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{14}^5\ \Phi_{12}\ \Phi_7^5\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
4980	273	320	$\frac{1}{8}$	$\frac{47}{320}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{320}\ \Phi_{160}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
4981	273	64	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{64}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
4982	273	96	$\frac{5}{96}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
4983	273	40	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{40}^8\ \Phi_{20}^5\ \Phi_{10}^7\ \Phi_8^7\ \Phi_5^7\ \Phi_4^4\ \Phi_2^6\ \Phi_1^7$
4984	273	32	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{32}^{13}\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
4985	273	276	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{276}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
4986	273	136	$\frac{1}{34}$	$\frac{11}{34}$	$\frac{45}{136}$	$\frac{23}{68}$	$\Phi_{136}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_8^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
4987	273	171	$\frac{1}{19}$	$\frac{2}{9}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{171}^2\ \Phi_{19}^2\ \Phi_9^3\ \Phi_1^3$
4988	273	30	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{30}^8\ \Phi_{15}^9\ \Phi_{10}^{10}\ \Phi_6^8\ \Phi_5^{11}\ \Phi_3^8\ \Phi_2^{10}\ \Phi_1^{11}$
4989	273	99	$\frac{8}{99}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{99}^3\ \Phi_{33}^2\ \Phi_{11}^3\ \Phi_9^3\ \Phi_3\ \Phi_1^3$
4990	273	252	$\frac{1}{14}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^2\ \Phi_{126}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
4991	273	120	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^3\ \Phi_{60}^2\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
4992	273	75	$\frac{2}{15}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{75}^4\ \Phi_{25}^5\ \Phi_{15}\ \Phi_5\ \Phi_1$
4993	273	132	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{132}^3\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
4994	273	90	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{3}{10}$	$\Phi_{90}^4\ \Phi_{45}^4\ \Phi_{18}^5\ \Phi_{10}^2\ \Phi_9^5\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
4995	273	80	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{80}^4\ \Phi_{40}^4\ \Phi_{16}^5\ \Phi_{10}^2\ \Phi_8^5\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
4996	273	17	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{4}{17}$	$\frac{5}{17}$	$\Phi_{17}^{16}\ \Phi_1^{17}$
4997	273	72	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{72}^6\ \Phi_{36}^4\ \Phi_{18}^5\ \Phi_9^5\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
4998	273	450	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{450}\ \Phi_{225}\ \Phi_{25}\ \Phi_{18}\ \Phi_9\ \Phi_1$
4999	273	120	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{29}{120}$	$\frac{11}{40}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{40}\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_6^3\ \Phi_5\ \Phi_3^3\ \Phi_1$
5000	273	16	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{16}^{21}\ \Phi_8^{12}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
5001	273	80	$\frac{3}{20}$	$\frac{3}{16}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
5002	273	400	$\frac{4}{25}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{400}\ \Phi_{200}\ \Phi_{25}\ \Phi_{16}\ \Phi_8\ \Phi_1$
5003	274	270	$\frac{2}{135}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{133}{270}$	$\Phi_{270}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5004	274	552	$\frac{1}{46}$	$\frac{47}{184}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{552}\ \Phi_{138}\ \Phi_{69}\ \Phi_{24}\ \Phi_6$
5005	274	234	$\frac{1}{39}$	$\frac{20}{117}$	$\frac{97}{234}$	$\frac{19}{39}$	$\Phi_{234}^2\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5006	274	266	$\frac{4}{133}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{129}{266}$	$\Phi_{266}^2\ \Phi_{38}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
5007	274	264	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{127}{264}$	$\Phi_{264}^2\ \Phi_{88}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5008	274	252	$\frac{1}{21}$	$\frac{11}{126}$	$\frac{115}{252}$	$\frac{10}{21}$	$\Phi_{252}^2\ \Phi_{84}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
5009	274	189	$\frac{1}{21}$	$\frac{11}{63}$	$\frac{52}{189}$	$\frac{10}{21}$	$\Phi_{189}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
5010	274	168	$\frac{1}{21}$	$\frac{31}{168}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
5011	274	260	$\frac{7}{130}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{123}{260}$	$\Phi_{260}^2\ \Phi_{52}^2\ \Phi_{20}^2\ \Phi_{13}\ \Phi_4^2\ \Phi_1^2$
5012	274	195	$\frac{1}{13}$	$\frac{7}{65}$	$\frac{58}{195}$	$\frac{6}{13}$	$\Phi_{195}^2\ \Phi_{39}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_3^2\ \Phi_1^2$
5013	274	156	$\frac{1}{13}$	$\frac{19}{156}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
5014	274	252	$\frac{11}{126}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{115}{252}$	$\Phi_{252}^2\ \Phi_{84}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
5015	274	168	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{31}{168}$	$\frac{25}{56}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
5016	274	245	$\frac{29}{245}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{108}{245}$	$\Phi_{245}\ \Phi_{49}\ \Phi_{35}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
5017	274	144	$\frac{7}{144}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5018	274	690	$\frac{1}{23}$	$\frac{22}{115}$	$\frac{1}{3}$	$\frac{93}{230}$	$\Phi_{690}\ \Phi_{138}\ \Phi_{69}\ \Phi_{30}\ \Phi_6$
5019	274	224	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{112}$	$\frac{87}{224}$	$\Phi_{224}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
5020	274	210	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{32}{105}$	$\frac{73}{210}$	$\Phi_{210}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
5021	274	207	$\frac{2}{69}$	$\frac{67}{207}$	$\frac{1}{3}$	$\frac{70}{207}$	$\Phi_{207}\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
5022	274	180	$\frac{2}{45}$	$\frac{43}{180}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5023	274	144	$\frac{7}{144}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5024	274	162	$\frac{2}{27}$	$\frac{25}{162}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{162}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
5025	274	150	$\frac{13}{150}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{150}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5026	274	198	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{198}$	$\frac{1}{3}$	$\Phi_{198}^2\ \Phi_{99}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5027	274	168	$\frac{1}{7}$	$\frac{31}{168}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
5028	275	216	$\frac{1}{54}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{53}{108}$	$\Phi_{216}^2\ \Phi_{108}\ \Phi_{72}^2\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
5029	275	240	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{23}{48}$	$\Phi_{240}^2\ \Phi_{80}^2\ \Phi_{48}^3\ \Phi_{20}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
5030	275	240	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{23}{48}$	$\Phi_{240}^2\ \Phi_{80}^2\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{15}\ \Phi_3\ \Phi_1$
5031	275	312	$\frac{3}{52}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{312}^2\ \Phi_{104}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
5032	275	540	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{540}\ \Phi_{180}\ \Phi_{108}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_9\ \Phi_4\ \Phi_1$
5033	275	180	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{36}$	$\frac{9}{20}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{20}\ \Phi_{18}^3\ \Phi_9^3\ \Phi_4\ \Phi_1$
5034	275	140	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{20}\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4\ \Phi_1$
5035	275	160	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{9}{20}$	$\Phi_{160}^2\ \Phi_{80}^2\ \Phi_{32}^3\ \Phi_{20}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
5036	275	60	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{60}^8\ \Phi_{20}^9\ \Phi_{12}^8\ \Phi_6^4\ \Phi_4^9\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
5037	275	294	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{43}{98}$	$\Phi_{294}\ \Phi_{147}\ \Phi_{49}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
5038	275	192	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
5039	275	96	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{41}{96}$	$\Phi_{96}^5\ \Phi_{32}^5\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
5040	275	234	$\frac{1}{26}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{234}\ \Phi_{117}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{13}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
5041	275	456	$\frac{2}{57}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{456}\ \Phi_{152}\ \Phi_{57}\ \Phi_{19}\ \Phi_8\ \Phi_1$
5042	275	648	$\frac{1}{27}$	$\frac{1}{4}$	$\frac{26}{81}$	$\frac{3}{8}$	$\Phi_{648}\ \Phi_{81}\ \Phi_8\ \Phi_1$
5043	275	208	$\frac{1}{26}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{208}^2\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_4\ \Phi_1$
5044	275	72	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^3\ \Phi_{36}^5\ \Phi_{24}^3\ \Phi_{18}^4\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
5045	275	216	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^2\ \Phi_{72}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_9^2\ \Phi_8^3\ \Phi_3^2\ \Phi_1^3$
5046	275	24	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{24}^{18}\ \Phi_{12}^5\ \Phi_8^{19}\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
5047	275	504	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}\ \Phi_{168}\ \Phi_{63}\ \Phi_{56}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$
5048	275	84	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{84}^5\ \Phi_{42}^2\ \Phi_{28}^5\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^5\ \Phi_7\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
5049	275	135	$\frac{2}{27}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{135}^2\ \Phi_{45}^2\ \Phi_{27}^3\ \Phi_{15}\ \Phi_9^3\ \Phi_3\ \Phi_1$
5050	275	180	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{36}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{15}\ \Phi_9^3\ \Phi_3\ \Phi_1$
5051	275	72	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{72}^5\ \Phi_{36}^5\ \Phi_{24}^2\ \Phi_{18}^5\ \Phi_{12}^2\ \Phi_9^5\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
5052	275	42	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{42}^8\ \Phi_{21}^8\ \Phi_{14}^3\ \Phi_7^5\ \Phi_6^7\ \Phi_3^7\ \Phi_2^2\ \Phi_1^5$
5053	275	420	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_7\ \Phi_3\ \Phi_1$
5054	275	480	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\frac{4}{15}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{15}\ \Phi_3\ \Phi_1$
5055	275	30	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{30}^8\ \Phi_{15}^9\ \Phi_{10}^8\ \Phi_6^{12}\ \Phi_5^8\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
5056	276	408	$\frac{1}{68}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{67}{136}$	$\Phi_{408}\ \Phi_{136}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
5057	276	110	$\frac{1}{55}$	$\frac{14}{55}$	$\frac{41}{110}$	$\frac{27}{55}$	$\Phi_{110}^4\ \Phi_{55}\ \Phi_{22}^4\ \Phi_{11}\ \Phi_{10}^4\ \Phi_5\ \Phi_2^4\ \Phi_1^2$
5058	276	45	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{22}{45}$	$\Phi_{45}^6\ \Phi_{15}^6\ \Phi_9^6\ \Phi_5^7\ \Phi_3^6\ \Phi_1^8$
5059	276	180	$\frac{1}{45}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
5060	276	275	$\frac{7}{275}$	$\frac{47}{275}$	$\frac{114}{275}$	$\frac{134}{275}$	$\Phi_{275}\ \Phi_{55}\ \Phi_{25}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
5061	276	124	$\frac{1}{31}$	$\frac{1}{4}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{124}^3\ \Phi_{62}^3\ \Phi_4^2\ \Phi_2^2$
5062	276	275	$\frac{9}{275}$	$\frac{68}{275}$	$\frac{71}{275}$	$\frac{133}{275}$	$\Phi_{275}\ \Phi_{55}\ \Phi_{25}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
5063	276	417	$\frac{5}{139}$	$\frac{24}{139}$	$\frac{1}{3}$	$\frac{67}{139}$	Φ_{417}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
5064	276	125	$\frac{1}{25}$	$\frac{13}{125}$	$\frac{56}{125}$	$\frac{12}{25}$	$\Phi_{125}^2\ \Phi_{25}^3\ \Phi_5^3\ \Phi_1^4$
5065	276	44	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{21}{44}$	$\Phi_{44}^{12}\ \Phi_{11}\ \Phi_4^{12}\ \Phi_1^2$
5066	276	924	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{924}\ \Phi_{84}\ \Phi_{21}$
5067	276	44	$\frac{1}{22}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{21}{44}$	$\Phi_{44}^{12}\ \Phi_{11}\ \Phi_4^{12}\ \Phi_1^2$
5068	276	220	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{220}\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
5069	276	130	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{130}^4\ \Phi_{26}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
5070	276	140	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{140}^2\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
5071	276	33	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{5}{11}$	$\Phi_{33}^{12}\ \Phi_{11}\ \Phi_3^{12}\ \Phi_1^2$
5072	276	77	$\frac{1}{11}$	$\frac{8}{77}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{77}^4\ \Phi_{11}\ \Phi_7^4\ \Phi_1^2$
5073	276	88	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{19}{88}$	$\frac{5}{11}$	$\Phi_{88}^4\ \Phi_{44}^4\ \Phi_{11}\ \Phi_8^4\ \Phi_4^4\ \Phi_1^2$
5074	276	55	$\frac{1}{11}$	$\frac{9}{55}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{55}^6\ \Phi_{11}\ \Phi_5^6\ \Phi_1^2$
5075	276	546	$\frac{1}{13}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{546}\ \Phi_{182}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
5076	276	210	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{19}{42}$	$\Phi_{210}^3\ \Phi_{70}^3\ \Phi_{35}\ \Phi_{30}^3\ \Phi_{10}^3$
5077	276	80	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{80}^4\ \Phi_{40}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
5078	276	25	$\frac{2}{25}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{25}^{11}\ \Phi_5^{11}\ \Phi_1^{12}$
5079	276	416	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{416}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
5080	276	245	$\frac{4}{35}$	$\frac{31}{245}$	$\frac{1}{5}$	$\frac{107}{245}$	$\Phi_{245}\ \Phi_{49}\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
5081	276	520	$\frac{1}{13}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{520}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
5082	276	40	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{17}{40}$	$\Phi_{40}^{12}\ \Phi_{10}^4\ \Phi_8^{12}\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
5083	276	120	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^4\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_8^4\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
5084	276	30	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{30}$	$\frac{2}{5}$	$\Phi_{30}^{12}\ \Phi_{15}^6\ \Phi_{10}^{12}\ \Phi_6^{12}\ \Phi_5^7\ \Phi_3^6\ \Phi_2^{12}\ \Phi_1^8$
5085	276	25	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{25}^{12}\ \Phi_5^7\ \Phi_1^8$
5086	276	135	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{135}^2\ \Phi_{45}\ \Phi_{27}^4\ \Phi_{15}\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
5087	276	75	$\frac{1}{25}$	$\frac{17}{75}$	$\frac{8}{25}$	$\frac{29}{75}$	$\Phi_{75}^3\ \Phi_{25}^5\ \Phi_{15}^3\ \Phi_5^5\ \Phi_3^3\ \Phi_1^6$
5088	276	312	$\frac{1}{24}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
5089	276	560	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{560}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
5090	276	100	$\frac{1}{25}$	$\frac{6}{25}$	$\frac{31}{100}$	$\frac{19}{50}$	$\Phi_{100}^4\ \Phi_{25}^3\ \Phi_{20}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
5091	276	110	$\frac{3}{55}$	$\frac{13}{55}$	$\frac{14}{55}$	$\frac{41}{110}$	$\Phi_{110}^4\ \Phi_{55}\ \Phi_{22}^4\ \Phi_{11}\ \Phi_{10}^4\ \Phi_5\ \Phi_2^4\ \Phi_1^2$
5092	276	468	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{468}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
5093	276	25	$\frac{2}{25}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{25}^{11}\ \Phi_5^{11}\ \Phi_1^{12}$
5094	276	55	$\frac{4}{55}$	$\frac{9}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{55}^5\ \Phi_{11}^5\ \Phi_5^5\ \Phi_1^6$
5095	276	35	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{11}{35}$	$\frac{12}{35}$	$\Phi_{35}^8\ \Phi_7^8\ \Phi_5^7\ \Phi_1^8$
5096	276	275	$\frac{8}{275}$	$\frac{89}{275}$	$\frac{91}{275}$	$\frac{93}{275}$	$\Phi_{275}\ \Phi_{55}\ \Phi_{25}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
5097	276	417	$\frac{4}{139}$	$\frac{45}{139}$	$\frac{1}{3}$	$\frac{47}{139}$	Φ_{417}
5098	276	102	$\frac{1}{34}$	$\frac{11}{34}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
5099	276	24	$\frac{1}{24}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{24}^{12}\ \Phi_{12}^{11}\ \Phi_8^{12}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
5100	276	255	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{255}\ \Phi_{85}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
5101	276	540	$\frac{2}{45}$	$\frac{1}{4}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{108}\ \Phi_{54}\ \Phi_{12}\ \Phi_6$
5102	276	231	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{231}\ \Phi_{77}^2\ \Phi_{21}^2\ \Phi_7^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
5103	276	60	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^6\ \Phi_{30}^2\ \Phi_{20}^6\ \Phi_{15}^4\ \Phi_{12}^7\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^4\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
5104	276	396	$\frac{7}{99}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
5105	276	300	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
5106	276	108	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{108}^4\ \Phi_{54}^4\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
5107	276	420	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
5108	276	33	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{10}{33}$	$\Phi_{33}^{12}\ \Phi_{11}\ \Phi_3^{12}\ \Phi_1^2$
5109	276	660	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
5110	276	30	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{30}^{12}\ \Phi_{15}^{12}\ \Phi_{10}^4\ \Phi_6^{12}\ \Phi_5^3\ \Phi_3^{12}\ \Phi_2^4\ \Phi_1^4$
5111	276	140	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{140}^3\ \Phi_{70}^3\ \Phi_{35}\ \Phi_{20}^3\ \Phi_{10}^3$
5112	276	124	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{4}$	$\frac{8}{31}$	$\Phi_{124}^3\ \Phi_{62}^3\ \Phi_4^2\ \Phi_2^2$
5113	277	544	$\frac{5}{272}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{267}{544}$	$\Phi_{544}\ \Phi_{32}\ \Phi_8\ \Phi_1$
5114	277	372	$\frac{2}{93}$	$\frac{95}{372}$	$\frac{1}{3}$	$\frac{91}{186}$	$\Phi_{372}\ \Phi_{124}\ \Phi_{93}\ \Phi_{31}\ \Phi_{12}\ \Phi_4\ \Phi_1$
5115	277	540	$\frac{7}{270}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{263}{540}$	$\Phi_{540}\ \Phi_{180}\ \Phi_{108}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
5116	277	528	$\frac{13}{264}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{251}{528}$	$\Phi_{528}\ \Phi_{176}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
5117	277	336	$\frac{3}{56}$	$\frac{59}{336}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
5118	277	520	$\frac{17}{260}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{243}{520}$	$\Phi_{520}\ \Phi_{104}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
5119	277	320	$\frac{3}{40}$	$\frac{43}{320}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{320}\ \Phi_{160}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
5120	277	504	$\frac{1}{12}$	$\frac{25}{252}$	$\frac{11}{36}$	$\frac{227}{504}$	$\Phi_{504}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
5121	277	504	$\frac{25}{252}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{227}{504}$	$\Phi_{504}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
5122	277	384	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{107}{384}$	$\frac{85}{192}$	$\Phi_{384}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
5123	277	480	$\frac{3}{40}$	$\frac{37}{240}$	$\frac{1}{4}$	$\frac{203}{480}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
5124	277	480	$\frac{1}{12}$	$\frac{37}{240}$	$\frac{11}{48}$	$\frac{203}{480}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
5125	277	288	$\frac{11}{288}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
5126	277	448	$\frac{3}{56}$	$\frac{53}{224}$	$\frac{1}{4}$	$\frac{171}{448}$	$\Phi_{448}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
5127	277	408	$\frac{5}{136}$	$\frac{1}{4}$	$\frac{131}{408}$	$\frac{3}{8}$	$\Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
5128	277	288	$\frac{11}{288}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
5129	277	432	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{216}$	$\frac{155}{432}$	$\Phi_{432}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
5130	277	405	$\frac{7}{135}$	$\frac{2}{9}$	$\frac{128}{405}$	$\frac{1}{3}$	$\Phi_{405}\ \Phi_{81}\ \Phi_9\ \Phi_1$
5131	277	297	$\frac{20}{297}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{297}\ \Phi_{99}\ \Phi_{33}\ \Phi_{11}\ \Phi_9\ \Phi_1$
5132	277	360	$\frac{7}{90}$	$\frac{2}{9}$	$\frac{83}{360}$	$\frac{1}{3}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
5133	277	315	$\frac{38}{315}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{63}\ \Phi_{35}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$
5134	277	324	$\frac{7}{54}$	$\frac{47}{324}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
5135	277	360	$\frac{3}{40}$	$\frac{83}{360}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
5136	277	336	$\frac{3}{28}$	$\frac{59}{336}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{28}\ \Phi_{24}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
5137	278	816	$\frac{3}{136}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{133}{272}$	$\Phi_{816}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
5138	278	270	$\frac{4}{135}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{131}{270}$	$\Phi_{270}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
5139	278	168	$\frac{1}{28}$	$\frac{29}{168}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{168}\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
5140	278	798	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{127}{266}$	$\Phi_{798}\ \Phi_{114}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
5141	278	480	$\frac{1}{20}$	$\frac{21}{160}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
5142	278	780	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{121}{260}$	$\Phi_{780}\ \Phi_{156}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
5143	278	252	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{3}$	$\frac{113}{252}$	$\Phi_{252}^2\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
5144	278	240	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{1}{3}$	$\frac{101}{240}$	$\Phi_{240}^2\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{30}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
5145	278	672	$\frac{1}{28}$	$\frac{27}{112}$	$\frac{1}{3}$	$\frac{85}{224}$	$\Phi_{672}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
5146	278	144	$\frac{5}{144}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5147	278	210	$\frac{1}{35}$	$\frac{34}{105}$	$\frac{1}{3}$	$\frac{71}{210}$	$\Phi_{210}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
5148	278	204	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{65}{204}$	$\frac{1}{3}$	$\Phi_{204}\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5149	278	180	$\frac{1}{20}$	$\frac{41}{180}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
5150	278	168	$\frac{1}{14}$	$\frac{29}{168}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2$
5151	278	150	$\frac{11}{150}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{150}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
5152	278	180	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{180}$	$\frac{1}{3}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
5153	279	240	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{29}{60}$	$\Phi_{240}^2\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
5154	279	60	$\frac{1}{30}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{60}^5\ \Phi_{30}^4\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
5155	279	280	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{280}^2\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
5156	279	528	$\frac{2}{33}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{528}\ \Phi_{176}\ \Phi_{33}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
5157	279	720	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{14}{45}$	$\frac{7}{16}$	$\Phi_{720}\ \Phi_{144}\ \Phi_{45}\ \Phi_{16}\ \Phi_9\ \Phi_1$
5158	279	80	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{40}$	$\frac{7}{16}$	$\Phi_{80}^6\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}^7\ \Phi_8\ \Phi_4\ \Phi_1$
5159	279	560	$\frac{4}{35}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{560}\ \Phi_{112}\ \Phi_{35}\ \Phi_{16}\ \Phi_7\ \Phi_1$
5160	279	144	$\frac{1}{8}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{144}^4\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
5161	279	35	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{35}^8\ \Phi_7^7\ \Phi_5^9\ \Phi_1^9$
5162	279	240	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{240}^2\ \Phi_{80}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
5163	279	139	$\frac{4}{139}$	$\frac{45}{139}$	$\frac{46}{139}$	$\frac{47}{139}$	$\Phi_{139}^2\ \Phi_1^3$
5164	279	132	$\frac{2}{33}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
5165	279	180	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
5166	279	40	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{40}^9\ \Phi_{20}^5\ \Phi_{10}^4\ \Phi_8^9\ \Phi_5^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
5167	279	140	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
5168	279	36	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{36}^9\ \Phi_{18}^9\ \Phi_{12}^5\ \Phi_9^9\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
5169	280	69	$\frac{1}{69}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{34}{69}$	$\Phi_{69}^4\ \Phi_{23}^4\ \Phi_3^5\ \Phi_1^6$
5170	280	279	$\frac{5}{279}$	$\frac{71}{279}$	$\frac{104}{279}$	$\frac{137}{279}$	$\Phi_{279}\ \Phi_{93}\ \Phi_{31}\ \Phi_9\ \Phi_3\ \Phi_1^2$
5171	280	440	$\frac{1}{55}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{27}{55}$	$\Phi_{440}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}\ \Phi_{11}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
5172	280	141	$\frac{1}{47}$	$\frac{12}{47}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{141}^3\ \Phi_3^2$
5173	280	156	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{19}{39}$	$\Phi_{156}^3\ \Phi_{52}^3\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
5174	280	117	$\frac{1}{39}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{117}^3\ \Phi_{39}\ \Phi_{13}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
5175	280	476	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{33}{68}$	$\Phi_{476}\ \Phi_{68}^2\ \Phi_{28}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
5176	280	1020	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{1020}\ \Phi_{60}\ \Phi_{15}$
5177	280	62	$\frac{1}{31}$	$\frac{4}{31}$	$\frac{27}{62}$	$\frac{15}{31}$	$\Phi_{62}^8\ \Phi_{31}\ \Phi_2^8\ \Phi_1^2$
5178	280	31	$\frac{1}{31}$	$\frac{6}{31}$	$\frac{10}{31}$	$\frac{15}{31}$	$\Phi_{31}^9\ \Phi_1^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
5179	280	93	$\frac{1}{31}$	$\frac{23}{93}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{93}^4\ \Phi_{31}\ \Phi_3^4\ \Phi_1^2$
5180	280	27	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{13}{27}$	$\Phi_{27}^{10}\ \Phi_9^{11}\ \Phi_3^{11}\ \Phi_1^{12}$
5181	280	54	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{54}^6\ \Phi_{27}^4\ \Phi_{18}^6\ \Phi_9^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
5182	280	279	$\frac{11}{279}$	$\frac{29}{279}$	$\frac{125}{279}$	$\frac{134}{279}$	$\Phi_{279}\ \Phi_{93}\ \Phi_{31}\ \Phi_9\ \Phi_3\ \Phi_1^2$
5183	280	247	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{9}{19}$	$\Phi_{247}\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_1^4$
5184	280	456	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
5185	280	114	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{114}^3\ \Phi_{57}^3\ \Phi_{38}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
5186	280	93	$\frac{5}{93}$	$\frac{7}{93}$	$\frac{43}{93}$	$\frac{44}{93}$	$\Phi_{93}^3\ \Phi_{31}^3\ \Phi_3^3\ \Phi_1^4$
5187	280	198	$\frac{2}{33}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{198}^3\ \Phi_{66}^2\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5188	280	279	$\frac{17}{279}$	$\frac{41}{279}$	$\frac{74}{279}$	$\frac{131}{279}$	$\Phi_{279}\ \Phi_{93}\ \Phi_{31}\ \Phi_9\ \Phi_3\ \Phi_1^2$
5189	280	141	$\frac{3}{47}$	$\frac{5}{47}$	$\frac{1}{3}$	$\frac{22}{47}$	$\Phi_{141}^3\ \Phi_3^2$
5190	280	328	$\frac{3}{41}$	$\frac{1}{8}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{328}\ \Phi_{164}\ \Phi_{82}$
5191	280	429	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{429}\ \Phi_{33}^2$
5192	280	247	$\frac{1}{13}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{6}{13}$	$\Phi_{247}\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_1^4$
5193	280	390	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
5194	280	144	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{144}^3\ \Phi_{48}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5195	280	279	$\frac{25}{279}$	$\frac{29}{279}$	$\frac{76}{279}$	$\frac{127}{279}$	$\Phi_{279}\ \Phi_{93}\ \Phi_{31}\ \Phi_9\ \Phi_3\ \Phi_1^2$
5196	280	141	$\frac{11}{141}$	$\frac{13}{141}$	$\frac{1}{3}$	$\frac{64}{141}$	$\Phi_{141}^2\ \Phi_{47}^2\ \Phi_3\ \Phi_1^2$
5197	280	576	$\frac{3}{32}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
5198	280	319	$\frac{1}{11}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	Φ_{319}
5199	280	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{45}^6\ \Phi_{15}^8\ \Phi_9^4\ \Phi_5^8\ \Phi_3^5\ \Phi_1^6$
5200	280	9	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{4}{9}$	$\Phi_9^{31}\ \Phi_3^{31}\ \Phi_1^{32}$
5201	280	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
5202	280	81	$\frac{1}{9}$	$\frac{11}{81}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{81}^4\ \Phi_{27}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
5203	280	93	$\frac{11}{93}$	$\frac{13}{93}$	$\frac{16}{93}$	$\frac{41}{93}$	$\Phi_{93}^3\ \Phi_{31}^3\ \Phi_3^3\ \Phi_1^4$
5204	280	114	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{1}{6}$	$\frac{25}{57}$	$\Phi_{114}^3\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{19}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5205	280	355	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{1}{5}$	$\frac{31}{71}$	Φ_{355}
5206	280	62	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{7}{31}$	$\frac{27}{62}$	$\Phi_{62}^8\ \Phi_{31}\ \Phi_2^8\ \Phi_1^2$
5207	280	279	$\frac{20}{279}$	$\frac{37}{279}$	$\frac{79}{279}$	$\frac{121}{279}$	$\Phi_{279}\ \Phi_{93}\ \Phi_{31}\ \Phi_9\ \Phi_3\ \Phi_1^2$
5208	280	141	$\frac{8}{141}$	$\frac{19}{141}$	$\frac{1}{3}$	$\frac{61}{141}$	$\Phi_{141}^2\ \Phi_{47}^2\ \Phi_3\ \Phi_1^2$
5209	280	357	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{16}{51}$	$\frac{3}{7}$	$\Phi_{357}\ \Phi_{51}^2\ \Phi_{21}\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
5210	280	105	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{105}^3\ \Phi_{35}^3\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2$
5211	280	119	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{3}{17}$	$\frac{3}{7}$	$\Phi_{119}^2\ \Phi_{17}^4\ \Phi_7^3\ \Phi_1^6$
5212	280	168	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{12}^4\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
5213	280	279	$\frac{23}{279}$	$\frac{43}{279}$	$\frac{64}{279}$	$\frac{118}{279}$	$\Phi_{279}\ \Phi_{93}\ \Phi_{31}\ \Phi_9\ \Phi_3\ \Phi_1^2$
5214	280	84	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{84}^6\ \Phi_{28}^6\ \Phi_{21}^2\ \Phi_{12}^4\ \Phi_7^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
5215	280	156	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{3}{13}$	$\frac{5}{12}$	$\Phi_{156}^3\ \Phi_{52}^3\ \Phi_{13}^3\ \Phi_{12}^4\ \Phi_4^4\ \Phi_1^4$
5216	280	660	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{660}\ \Phi_{220}\ \Phi_{55}$
5217	280	156	$\frac{4}{39}$	$\frac{1}{6}$	$\frac{7}{39}$	$\frac{5}{12}$	$\Phi_{156}^3\ \Phi_{52}^3\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
5218	280	36	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{36}^{15}\ \Phi_{18}^{3}\ \Phi_{12}^{10}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
5219	280	328	$\frac{1}{8}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{328}\ \Phi_{164}\ \Phi_{82}$
5220	280	279	$\frac{34}{279}$	$\frac{41}{279}$	$\frac{49}{279}$	$\frac{115}{279}$	$\Phi_{279}\ \Phi_{93}\ \Phi_{31}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
5221	280	355	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{1}{5}$	$\frac{29}{71}$	Φ_{355}
5222	280	279	$\frac{14}{279}$	$\frac{53}{279}$	$\frac{83}{279}$	$\frac{113}{279}$	$\Phi_{279}\ \Phi_{93}\ \Phi_{31}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
5223	280	141	$\frac{2}{47}$	$\frac{9}{47}$	$\frac{1}{3}$	$\frac{19}{47}$	$\Phi_{141}^{3}\ \Phi_{3}^{2}$
5224	280	210	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{210}^{2}\ \Phi_{105}\ \Phi_{70}^{2}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{6}^{2}$
5225	280	93	$\frac{8}{93}$	$\frac{17}{93}$	$\frac{19}{93}$	$\frac{37}{93}$	$\Phi_{93}^{3}\ \Phi_{31}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
5226	280	279	$\frac{34}{279}$	$\frac{35}{279}$	$\frac{61}{279}$	$\frac{109}{279}$	$\Phi_{279}\ \Phi_{93}\ \Phi_{31}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
5227	280	328	$\frac{5}{41}$	$\frac{1}{8}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{328}\ \Phi_{164}\ \Phi_{82}$
5228	280	114	$\frac{5}{57}$	$\frac{1}{6}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{114}^{3}\ \Phi_{57}^{2}\ \Phi_{38}^{3}\ \Phi_{19}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
5229	280	696	$\frac{1}{29}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{696}\ \Phi_{87}$
5230	280	440	$\frac{3}{55}$	$\frac{13}{55}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
5231	280	120	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^{4}\ \Phi_{40}^{3}\ \Phi_{24}^{4}\ \Phi_{15}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
5232	280	264	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^{2}\ \Phi_{88}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
5233	280	440	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
5234	280	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^{4}\ \Phi_{36}^{5}\ \Phi_{24}^{4}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{4}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
5235	280	54	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{54}^{8}\ \Phi_{18}^{8}\ \Phi_{9}^{7}\ \Phi_{6}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
5236	280	36	$\frac{1}{36}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{36}^{8}\ \Phi_{18}^{8}\ \Phi_{12}^{8}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
5237	280	207	$\frac{2}{69}$	$\frac{67}{207}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{207}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
5238	280	138	$\frac{1}{23}$	$\frac{11}{46}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{138}^{2}\ \Phi_{69}\ \Phi_{46}^{4}\ \Phi_{23}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
5239	280	63	$\frac{1}{21}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{63}^{6}\ \Phi_{21}^{2}\ \Phi_{9}^{4}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
5240	280	69	$\frac{4}{69}$	$\frac{13}{69}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{69}^{4}\ \Phi_{23}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
5241	280	30	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{30}^{12}\ \Phi_{15}^{8}\ \Phi_{10}^{12}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
5242	280	69	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{69}^{3}\ \Phi_{23}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
5243	280	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{264}\ \Phi_{132}\ \Phi_{88}^{2}\ \Phi_{66}\ \Phi_{44}^{2}\ \Phi_{22}^{2}$
5244	280	117	$\frac{2}{39}$	$\frac{2}{9}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{117}^{2}\ \Phi_{39}^{3}\ \Phi_{13}^{3}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
5245	280	255	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{255}\ \Phi_{85}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}$
5246	280	162	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{162}^{3}\ \Phi_{81}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
5247	280	135	$\frac{1}{15}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{135}^{3}\ \Phi_{27}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
5248	280	117	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{117}^{3}\ \Phi_{13}^{3}\ \Phi_{9}^{4}\ \Phi_{1}^{4}$
5249	280	495	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{495}\ \Phi_{55}$
5250	280	117	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{117}^{3}\ \Phi_{39}\ \Phi_{13}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
5251	280	18	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{18}^{18}\ \Phi_{9}^{12}\ \Phi_{6}^{20}\ \Phi_{3}^{13}\ \Phi_{2}^{20}\ \Phi_{1}^{14}$
5252	280	141	$\frac{17}{141}$	$\frac{22}{141}$	$\frac{31}{141}$	$\frac{1}{3}$	$\Phi_{141}^{2}\ \Phi_{47}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
5253	280	456	$\frac{1}{8}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
5254	280	141	$\frac{16}{141}$	$\frac{25}{141}$	$\frac{29}{141}$	$\frac{1}{3}$	$\Phi_{141}^{2}\ \Phi_{47}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
5255	280	255	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{255}^{2}\ \Phi_{15}^{3}$
5256	280	120	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{120}^{3}\ \Phi_{60}^{3}\ \Phi_{40}^{4}\ \Phi_{30}\ \Phi_{20}^{4}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
5257	280	144	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}\ \Phi_{36}^3\ \Phi_{24}\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5258	280	114	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{114}^3\ \Phi_{57}^3\ \Phi_{38}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
5259	280	93	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{23}{93}$	$\frac{8}{31}$	$\Phi_{93}^4\ \Phi_{31}\ \Phi_3^4\ \Phi_1^2$
5260	281	448	$\frac{1}{56}$	$\frac{57}{224}$	$\frac{167}{448}$	$\frac{55}{112}$	$\Phi_{448}\ \Phi_{112}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
5261	281	480	$\frac{1}{40}$	$\frac{41}{240}$	$\frac{199}{480}$	$\frac{39}{80}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
5262	281	544	$\frac{9}{272}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{263}{544}$	$\Phi_{544}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
5263	281	540	$\frac{11}{270}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{259}{540}$	$\Phi_{540}\ \Phi_{180}\ \Phi_{108}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
5264	281	380	$\frac{4}{95}$	$\frac{1}{5}$	$\frac{99}{380}$	$\frac{91}{190}$	$\Phi_{380}\ \Phi_{95}\ \Phi_{76}\ \Phi_{20}\ \Phi_{19}\ \Phi_4\ \Phi_1$
5265	281	528	$\frac{17}{264}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{247}{528}$	$\Phi_{528}\ \Phi_{176}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
5266	281	384	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{103}{384}$	$\frac{89}{192}$	$\Phi_{384}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
5267	281	512	$\frac{25}{256}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{231}{512}$	$\Phi_{512}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
5268	281	504	$\frac{1}{14}$	$\frac{29}{252}$	$\frac{13}{42}$	$\frac{223}{504}$	$\Phi_{504}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
5269	281	392	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{111}{392}$	$\frac{85}{196}$	$\Phi_{392}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_8\ \Phi_1$
5270	281	480	$\frac{1}{20}$	$\frac{41}{240}$	$\frac{19}{60}$	$\frac{199}{480}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{60}\ \Phi_{32}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
5271	281	480	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{240}$	$\frac{199}{480}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
5272	281	400	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{119}{400}$	$\frac{81}{200}$	$\Phi_{400}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
5273	281	320	$\frac{39}{320}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
5274	281	300	$\frac{19}{300}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
5275	281	432	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{216}$	$\frac{151}{432}$	$\Phi_{432}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
5276	281	336	$\frac{1}{14}$	$\frac{55}{336}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
5277	281	360	$\frac{1}{20}$	$\frac{79}{360}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
5278	281	420	$\frac{1}{35}$	$\frac{34}{105}$	$\frac{139}{420}$	$\frac{71}{210}$	$\Phi_{420}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
5279	281	378	$\frac{1}{14}$	$\frac{29}{126}$	$\frac{97}{378}$	$\frac{13}{42}$	$\Phi_{378}\ \Phi_{189}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_6\ \Phi_3\ \Phi_1$
5280	281	405	$\frac{11}{135}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{124}{405}$	$\Phi_{405}\ \Phi_{81}\ \Phi_{15}\ \Phi_3\ \Phi_1$
5281	281	384	$\frac{1}{8}$	$\frac{25}{128}$	$\frac{7}{32}$	$\frac{103}{384}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
5282	281	315	$\frac{34}{315}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{63}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_3\ \Phi_1$
5283	281	360	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{79}{360}$	$\frac{4}{15}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
5284	282	460	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{45}{92}$	$\Phi_{460}\ \Phi_{92}^2\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
5285	282	276	$\frac{1}{46}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{276}\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
5286	282	630	$\frac{2}{45}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{630}\ \Phi_{210}\ \Phi_{126}\ \Phi_{70}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
5287	282	180	$\frac{2}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{43}{90}$	$\Phi_{180}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
5288	282	228	$\frac{1}{19}$	$\frac{10}{57}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}\ \Phi_{38}\ \Phi_{12}^2\ \Phi_6^2$
5289	282	448	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{448}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
5290	282	616	$\frac{3}{44}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{616}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
5291	282	84	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{84}^6\ \Phi_{42}\ \Phi_{28}^6\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^6\ \Phi_4^6$
5292	282	560	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{560}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
5293	282	345	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{22}{69}$	$\frac{2}{5}$	$\Phi_{345}\ \Phi_{69}^2\ \Phi_{15}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
5294	282	100	$\frac{3}{50}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{100}^4\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
5295	282	76	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{1}{4}$	$\frac{29}{76}$	$\Phi_{76}^3\ \Phi_{38}^5\ \Phi_{19}^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
5296	282	504	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{504}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
5297	282	276	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{276}\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
5298	282	378	$\frac{7}{54}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
5299	282	420	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
5300	282	540	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{41}{135}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{108}\ \Phi_{54}\ \Phi_{20}\ \Phi_{10}$
5301	282	55	$\frac{8}{55}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{55}^5\ \Phi_{11}^6\ \Phi_5^4\ \Phi_1^6$
5302	282	420	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
5303	282	60	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\frac{1}{4}$	$\Phi_{60}^4\ \Phi_{30}^4\ \Phi_{20}^5\ \Phi_{15}^6\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
5304	283	552	$\frac{7}{276}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{269}{552}$	$\Phi_{552}\ \Phi_{184}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
5305	283	342	$\frac{2}{57}$	$\frac{59}{342}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{342}\ \Phi_{171}\ \Phi_{57}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_1$
5306	283	540	$\frac{13}{270}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{257}{540}$	$\Phi_{540}\ \Phi_{180}\ \Phi_{108}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
5307	283	540	$\frac{13}{270}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{257}{540}$	$\Phi_{540}\ \Phi_{180}\ \Phi_{108}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
5308	283	384	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{101}{384}$	$\frac{91}{192}$	$\Phi_{384}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
5309	283	528	$\frac{19}{264}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{245}{528}$	$\Phi_{528}\ \Phi_{176}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
5310	283	504	$\frac{31}{252}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{221}{504}$	$\Phi_{504}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
5311	283	300	$\frac{17}{300}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
5312	283	480	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{240}$	$\frac{197}{480}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
5313	283	456	$\frac{2}{57}$	$\frac{55}{228}$	$\frac{1}{3}$	$\frac{173}{456}$	$\Phi_{456}\ \Phi_{152}\ \Phi_{57}\ \Phi_{24}\ \Phi_{19}\ \Phi_8\ \Phi_1$
5314	283	432	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{216}$	$\frac{149}{432}$	$\Phi_{432}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
5315	283	405	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{122}{405}$	$\frac{1}{3}$	$\Phi_{405}\ \Phi_{81}\ \Phi_{15}\ \Phi_5\ \Phi_1$
5316	283	315	$\frac{32}{315}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{63}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_1$
5317	283	360	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{77}{360}$	$\frac{1}{3}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
5318	283	324	$\frac{41}{324}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
5319	283	360	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{77}{360}$	$\frac{5}{18}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
5320	284	420	$\frac{1}{70}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{69}{140}$	$\Phi_{420}\ \Phi_{140}^2\ \Phi_{84}\ \Phi_{60}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
5321	284	690	$\frac{2}{69}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{690}\ \Phi_{230}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
5322	284	480	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
5323	284	680	$\frac{3}{68}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{680}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
5324	284	132	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{61}{132}$	$\Phi_{132}^4\ \Phi_{44}^4\ \Phi_{33}\ \Phi_{12}^4\ \Phi_4^4$
5325	284	660	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{61}{132}$	$\Phi_{660}\ \Phi_{220}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
5326	284	78	$\frac{1}{13}$	$\frac{7}{78}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{78}^4\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
5327	284	231	$\frac{6}{77}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{231}^2\ \Phi_{33}\ \Phi_{21}^2$
5328	284	390	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{3}$	$\frac{59}{130}$	$\Phi_{390}^2\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_6^2$
5329	284	640	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{57}{128}$	$\Phi_{640}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
5330	284	80	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{80}^3\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
5331	284	630	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{5}$	$\frac{55}{126}$	$\Phi_{630}\ \Phi_{210}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
5332	284	120	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{49}{120}$	$\Phi_{120}^4\ \Phi_{60}\ \Phi_{40}^4\ \Phi_{30}\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8^4$
5333	284	540	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{540}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
5334	284	105	$\frac{1}{35}$	$\frac{34}{105}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^3\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_7^2\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
5335	284	75	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{75}^4\ \Phi_{25}^4\ \Phi_{15}^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
5336	284	84	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{84}^4\ \Phi_{42}^3\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_7^2\ \Phi_6^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
5337	284	231	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}\ \Phi_{77}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
5338	284	240	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
5339	284	165	$\frac{1}{11}$	$\frac{23}{165}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{165}^2\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{15}^2\ \Phi_5^2$
5340	284	99	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{28}{99}$	$\frac{1}{3}$	$\Phi_{99}^4\ \Phi_{33}\ \Phi_9^4$
5341	284	195	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{195}$	$\frac{1}{3}$	$\Phi_{195}\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
5342	284	264	$\frac{1}{11}$	$\frac{17}{88}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{264}^2\ \Phi_{132}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{12}^2$
5343	284	480	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
5344	285	112	$\frac{1}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{55}{112}$	$\Phi_{112}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
5345	285	372	$\frac{2}{93}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{91}{186}$	$\Phi_{372}\ \Phi_{124}\ \Phi_{93}\ \Phi_{31}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
5346	285	128	$\frac{1}{32}$	$\frac{1}{4}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{128}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
5347	285	184	$\frac{3}{92}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{89}{184}$	$\Phi_{184}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
5348	285	544	$\frac{13}{272}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{259}{544}$	$\Phi_{544}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
5349	285	252	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{17}{36}$	$\Phi_{126}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
5350	285	252	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{17}{36}$	$\Phi_{252}^2\ \Phi_{84}^2\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{12}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
5351	285	36	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{36}^5\ \Phi_{18}^{10}\ \Phi_{12}^7\ \Phi_9^{10}\ \Phi_6^{11}\ \Phi_4^6\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
5352	285	84	$\frac{1}{14}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{84}^6\ \Phi_{28}^7\ \Phi_{21}\ \Phi_{12}^6\ \Phi_7\ \Phi_4^7\ \Phi_1$
5353	285	756	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{13}{28}$	$\Phi_{756}\ \Phi_{108}\ \Phi_{28}\ \Phi_{27}\ \Phi_4\ \Phi_1$
5354	285	168	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{13}{28}$	$\Phi_{168}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
5355	285	176	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{81}{176}$	$\Phi_{176}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
5356	285	64	$\frac{3}{32}$	$\frac{7}{64}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{64}^4\ \Phi_{32}^5\ \Phi_{16}^5\ \Phi_8^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
5357	285	512	$\frac{3}{32}$	$\frac{29}{256}$	$\frac{1}{4}$	$\frac{227}{512}$	$\Phi_{512}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
5358	285	168	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{4}$	$\frac{73}{168}$	$\Phi_{168}^3\ \Phi_{56}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
5359	285	71	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{14}{71}$	$\frac{29}{71}$	$\Phi_{71}^4\ \Phi_1^5$
5360	285	32	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{32}^{15}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
5361	285	56	$\frac{1}{28}$	$\frac{1}{4}$	$\frac{9}{28}$	$\frac{3}{8}$	$\Phi_{56}^8\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^9\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
5362	285	40	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{40}^{12}\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^9\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
5363	285	48	$\frac{1}{16}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{48}^8\ \Phi_{24}^7\ \Phi_{16}^3\ \Phi_{12}^7\ \Phi_8^3\ \Phi_6^7\ \Phi_4^2\ \Phi_3^7\ \Phi_2^2\ \Phi_1^3$
5364	285	280	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^2\ \Phi_{70}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
5365	285	112	$\frac{5}{56}$	$\frac{17}{112}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{112}^3\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
5366	285	168	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^3\ \Phi_{56}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
5367	285	64	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{64}^5\ \Phi_{32}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
5368	285	240	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
5369	285	144	$\frac{1}{24}$	$\frac{1}{4}$	$\frac{23}{72}$	$\frac{49}{144}$	$\Phi_{144}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
5370	285	123	$\frac{2}{41}$	$\frac{28}{123}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{123}^2\ \Phi_{41}^3\ \Phi_3\ \Phi_1^3$
5371	285	21	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{21}^{13}\ \Phi_7^{15}\ \Phi_3^{12}\ \Phi_1^{15}$
5372	285	84	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^5\ \Phi_{42}^2\ \Phi_{28}^5\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
5373	285	189	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{8}{27}$	$\Phi_{189}^2\ \Phi_{27}^3\ \Phi_7^2\ \Phi_1^3$
5374	285	108	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{108}^5\ \Phi_{54}^2\ \Phi_{27}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
5375	285	168	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{2}{7}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
5376	285	108	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{108}^3\ \Phi_{54}^3\ \Phi_{36}\ \Phi_{27}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
5377	285	128	$\frac{3}{32}$	$\frac{29}{128}$	$\frac{1}{4}$	$\frac{33}{128}$	$\Phi_{128}^2\ \Phi_{64}^2\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
5378	285	24	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{24}^{15}\ \Phi_{12}^7\ \Phi_8^{15}\ \Phi_6^{11}\ \Phi_4^6\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
5379	286	282	$\frac{2}{141}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{139}{282}$	$\Phi_{282}^2\ \Phi_{94}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5380	286	228	$\frac{1}{57}$	$\frac{29}{114}$	$\frac{85}{228}$	$\frac{28}{57}$	$\Phi_{228}^2\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{19}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
5381	286	192	$\frac{1}{48}$	$\frac{49}{192}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{192}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5382	286	280	$\frac{3}{140}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{137}{280}$	$\Phi_{280}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
5383	286	840	$\frac{3}{140}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{137}{280}$	$\Phi_{840}\ \Phi_{168}\ \Phi_{120}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
5384	286	279	$\frac{7}{279}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{136}{279}$	$\Phi_{279}\ \Phi_{93}\ \Phi_{31}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
5385	286	276	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{133}{276}$	$\Phi_{276}^2\ \Phi_{92}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5386	286	100	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{12}{25}$	$\Phi_{100}^5\ \Phi_{25}\ \Phi_{20}^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
5387	286	75	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{12}{25}$	$\Phi_{75}^5\ \Phi_{25}\ \Phi_{15}^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
5388	286	168	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{10}{21}$	$\Phi_{168}^3\ \Phi_{56}^3\ \Phi_{24}^4\ \Phi_{21}\ \Phi_8^4\ \Phi_7\ \Phi_3\ \Phi_1^2$
5389	286	105	$\frac{1}{21}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{105}^3\ \Phi_{35}^3\ \Phi_{21}\ \Phi_{15}^4\ \Phi_7\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
5390	286	126	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{10}{21}$	$\Phi_{126}^3\ \Phi_{63}^3\ \Phi_{21}\ \Phi_{18}^4\ \Phi_9^4\ \Phi_7\ \Phi_3\ \Phi_1^2$
5391	286	336	$\frac{1}{21}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
5392	286	816	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{129}{272}$	$\Phi_{816}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
5393	286	266	$\frac{1}{19}$	$\frac{10}{133}$	$\frac{123}{266}$	$\frac{9}{19}$	$\Phi_{266}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{14}^2\ \Phi_2^2\ \Phi_1^2$
5394	286	270	$\frac{8}{135}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{127}{270}$	$\Phi_{270}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5395	286	270	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{127}{270}$	$\Phi_{270}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5396	286	480	$\frac{1}{16}$	$\frac{17}{160}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
5397	286	15	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{15}^{19}\ \Phi_5^{19}\ \Phi_3^{19}\ \Phi_1^{20}$
5398	286	180	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{37}{180}$	$\frac{7}{15}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5399	286	24	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{24}^{22}\ \Phi_{12}^2\ \Phi_8^{22}\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5400	286	168	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{24}$	$\Phi_{168}^3\ \Phi_{56}^3\ \Phi_{24}^4\ \Phi_{14}^2\ \Phi_8^4\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
5401	286	420	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{420}^2\ \Phi_{84}^2\ \Phi_{60}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
5402	286	60	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{60}^{10}\ \Phi_{20}^6\ \Phi_{15}^2\ \Phi_{12}^{10}\ \Phi_5\ \Phi_4^6\ \Phi_3^2\ \Phi_1^2$
5403	286	36	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{36}^9\ \Phi_{18}^7\ \Phi_{12}^8\ \Phi_9^8\ \Phi_6^6\ \Phi_4^8\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
5404	286	768	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{3}$	$\frac{113}{256}$	$\Phi_{768}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
5405	286	252	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{1}{3}$	$\frac{109}{252}$	$\Phi_{252}^2\ \Phi_{84}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5406	286	240	$\frac{1}{24}$	$\frac{23}{120}$	$\frac{1}{3}$	$\frac{97}{240}$	$\Phi_{240}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5407	286	240	$\frac{1}{15}$	$\frac{23}{120}$	$\frac{7}{30}$	$\frac{97}{240}$	$\Phi_{240}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5408	286	210	$\frac{3}{70}$	$\frac{1}{5}$	$\frac{67}{210}$	$\frac{2}{5}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
5409	286	150	$\frac{7}{150}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{150}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
5410	286	175	$\frac{3}{35}$	$\frac{32}{175}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{175}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
5411	286	160	$\frac{17}{160}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{160}^2\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
5412	286	54	$\frac{1}{27}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{54}^9\ \Phi_{27}^2\ \Phi_{18}^8\ \Phi_9^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
5413	286	180	$\frac{1}{15}$	$\frac{37}{180}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5414	286	432	$\frac{1}{27}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{432}\ \Phi_{144}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
5415	286	228	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{29}{114}$	$\frac{85}{228}$	$\Phi_{228}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
5416	286	225	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{61}{225}$	$\frac{82}{225}$	$\Phi_{225}\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
5417	286	216	$\frac{1}{36}$	$\frac{35}{108}$	$\frac{1}{3}$	$\frac{73}{216}$	$\Phi_{216}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5418	286	60	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{60}^6\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{15}^4\ \Phi_{12}^2\ \Phi_{10}^6\ \Phi_6^2\ \Phi_5^4\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5419	286	48	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{48}^9\ \Phi_{24}^9\ \Phi_{12}^9\ \Phi_6^9\ \Phi_3^8$
5420	286	162	$\frac{1}{9}$	$\frac{19}{162}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{162}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5421	286	36	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{36}^{12}\ \Phi_{18}^{10}\ \Phi_{12}^2\ \Phi_9^{10}\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5422	286	210	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{210}\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_2^2$
5423	286	192	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{49}{192}$	$\frac{1}{3}$	$\Phi_{192}\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5424	286	48	$\frac{1}{12}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{48}^7\ \Phi_{24}^7\ \Phi_{16}^8\ \Phi_{12}^2\ \Phi_8^8\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5425	286	480	$\frac{17}{160}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
5426	286	168	$\frac{3}{28}$	$\frac{25}{168}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5427	286	210	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{210}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
5428	286	180	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{180}$	$\frac{1}{3}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5429	286	75	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{23}{75}$	$\Phi_{75}^3\ \Phi_{25}^5\ \Phi_{15}^4\ \Phi_5^5\ \Phi_3^4\ \Phi_1^6$
5430	286	126	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\frac{5}{18}$	$\Phi_{126}^3\ \Phi_{63}^3\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_9^4\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
5431	286	15	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{15}^{18}\ \Phi_5^{21}\ \Phi_3^{18}\ \Phi_1^{22}$
5432	286	112	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{112}^3\ \Phi_{56}^3\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_8^4\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
5433	287	240	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{39}{80}$	$\Phi_{240}^2\ \Phi_{80}^3\ \Phi_{48}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
5434	287	720	$\frac{1}{40}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{720}\ \Phi_{144}\ \Phi_{80}\ \Phi_{16}\ \Phi_9\ \Phi_1$
5435	287	520	$\frac{1}{26}$	$\frac{27}{260}$	$\frac{233}{520}$	$\frac{25}{52}$	$\Phi_{520}\ \Phi_{104}\ \Phi_{52}\ \Phi_{40}\ \Phi_8\ \Phi_4\ \Phi_1$
5436	287	528	$\frac{1}{22}$	$\frac{23}{264}$	$\frac{241}{528}$	$\frac{21}{44}$	$\Phi_{528}\ \Phi_{176}\ \Phi_{48}\ \Phi_{44}\ \Phi_{16}\ \Phi_4\ \Phi_1$
5437	287	396	$\frac{1}{22}$	$\frac{23}{132}$	$\frac{109}{396}$	$\frac{21}{44}$	$\Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
5438	287	352	$\frac{1}{22}$	$\frac{65}{352}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{352}\ \Phi_{176}\ \Phi_{44}\ \Phi_{32}\ \Phi_{16}\ \Phi_4\ \Phi_1$
5439	287	312	$\frac{2}{39}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{52}\ \Phi_{39}\ \Phi_{24}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
5440	287	56	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{56}^5\ \Phi_{28}^6\ \Phi_{14}^5\ \Phi_8^4\ \Phi_7^5\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
5441	287	528	$\frac{23}{264}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{241}{528}$	$\Phi_{528}\ \Phi_{176}\ \Phi_{48}\ \Phi_{33}\ \Phi_{16}\ \Phi_3\ \Phi_1$
5442	287	396	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{109}{396}$	$\frac{89}{198}$	$\Phi_{396}\ \Phi_{132}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
5443	287	72	$\frac{1}{8}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{72}^3\ \Phi_{36}^4\ \Phi_{24}^5\ \Phi_{18}^4\ \Phi_{12}^6\ \Phi_9^4\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
5444	287	60	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{19}{60}$	$\frac{5}{12}$	$\Phi_{60}^5\ \Phi_{30}^5\ \Phi_{20}^4\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^4\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
5445	287	132	$\frac{3}{44}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^3\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{12}\ \Phi_{11}^3\ \Phi_4\ \Phi_1$
5446	287	180	$\frac{4}{45}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{180}^3\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^3\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^3\ \Phi_9\ \Phi_4^3\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
5447	287	300	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{50}$	$\frac{5}{12}$	$\Phi_{300}^2\ \Phi_{100}^2\ \Phi_{50}\ \Phi_{25}\ \Phi_{12}\ \Phi_4\ \Phi_1$
5448	287	48	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{48}^7\ \Phi_{24}^5\ \Phi_{16}^7\ \Phi_{12}^6\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
5449	287	280	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{280}\ \Phi_{140}\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
5450	287	468	$\frac{1}{26}$	$\frac{53}{234}$	$\frac{25}{78}$	$\frac{181}{468}$	$\Phi_{468}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
5451	287	416	$\frac{1}{26}$	$\frac{25}{104}$	$\frac{129}{416}$	$\frac{79}{208}$	$\Phi_{416}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
5452	287	330	$\frac{1}{11}$	$\frac{43}{330}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$
5453	287	180	$\frac{1}{20}$	$\frac{2}{9}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
5454	287	396	$\frac{3}{44}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_9\ \Phi_1$
5455	287	45	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{45}^6\ \Phi_{15}^7\ \Phi_9^7\ \Phi_5^6\ \Phi_3^7\ \Phi_1^7$
5456	287	450	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{450}\ \Phi_{225}\ \Phi_{50}\ \Phi_{25}\ \Phi_9\ \Phi_1$
5457	287	144	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{144}^3\ \Phi_{72}^2\ \Phi_{48}\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{16}\ \Phi_{12}\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
5458	287	396	$\frac{1}{11}$	$\frac{23}{132}$	$\frac{109}{396}$	$\frac{10}{33}$	$\Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_9\ \Phi_3\ \Phi_1$
5459	287	216	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
5460	288	213	$\frac{1}{71}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{35}{71}$	$\Phi_{213}\ \Phi_{71}^2\ \Phi_3^2\ \Phi_1^4$
5461	288	287	$\frac{5}{287}$	$\frac{73}{287}$	$\frac{107}{287}$	$\frac{141}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5462	288	435	$\frac{3}{145}$	$\frac{37}{145}$	$\frac{1}{3}$	$\frac{71}{145}$	$\Phi_{435}\ \Phi_{87}\ \Phi_{15}$
5463	288	235	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{23}{47}$	$\Phi_{235}\ \Phi_{47}^2\ \Phi_5^2\ \Phi_1^4$
5464	288	564	$\frac{1}{47}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{564}\ \Phi_{282}\ \Phi_{12}^2\ \Phi_6^2$
5465	288	41	$\frac{1}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\frac{20}{41}$	$\Phi_{41}^7\ \Phi_1^8$
5466	288	35	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{17}{35}$	$\Phi_{35}^8\ \Phi_7^9\ \Phi_5^8\ \Phi_1^{10}$
5467	288	105	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{105}^4\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_3^4$
5468	288	388	$\frac{3}{97}$	$\frac{1}{4}$	$\frac{25}{97}$	$\frac{47}{97}$	$\Phi_{388}\ \Phi_{194}$
5469	288	287	$\frac{9}{287}$	$\frac{37}{287}$	$\frac{125}{287}$	$\frac{139}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5470	288	287	$\frac{9}{287}$	$\frac{71}{287}$	$\frac{74}{287}$	$\frac{139}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5471	288	496	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{15}{31}$	$\Phi_{496}\ \Phi_{31}\ \Phi_{16}^2\ \Phi_1^2$
5472	288	124	$\frac{1}{31}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
5473	288	87	$\frac{1}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{87}^5\ \Phi_3^4$
5474	288	365	$\frac{3}{73}$	$\frac{1}{5}$	$\frac{19}{73}$	$\frac{35}{73}$	Φ_{365}
5475	288	253	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{11}{23}$	$\Phi_{253}\ \Phi_{23}^2\ \Phi_{11}^2\ \Phi_1^4$
5476	288	483	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{483}\ \Phi_{21}^2$
5477	288	253	$\frac{1}{23}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{11}{23}$	$\Phi_{253}\ \Phi_{23}^2\ \Phi_{11}^2\ \Phi_1^4$
5478	288	460	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{460}\ \Phi_{230}\ \Phi_{20}^2\ \Phi_{10}^2$
5479	288	287	$\frac{13}{287}$	$\frac{25}{287}$	$\frac{131}{287}$	$\frac{137}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5480	288	287	$\frac{13}{287}$	$\frac{50}{287}$	$\frac{79}{287}$	$\frac{137}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5481	288	287	$\frac{13}{287}$	$\frac{53}{287}$	$\frac{75}{287}$	$\frac{137}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5482	288	435	$\frac{7}{145}$	$\frac{19}{145}$	$\frac{1}{3}$	$\frac{69}{145}$	$\Phi_{435}\ \Phi_{87}\ \Phi_{15}$
5483	288	388	$\frac{5}{97}$	$\frac{17}{97}$	$\frac{1}{4}$	$\frac{46}{97}$	$\Phi_{388}\ \Phi_{194}$
5484	288	91	$\frac{5}{91}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{43}{91}$	$\Phi_{91}^3\ \Phi_{13}^3\ \Phi_7^5\ \Phi_1^6$
5485	288	255	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{8}{17}$	$\Phi_{255}\ \Phi_{85}\ \Phi_{51}\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
5486	288	153	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{153}^2\ \Phi_{51}\ \Phi_{17}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
5487	288	85	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{85}^3\ \Phi_{17}^4\ \Phi_5^6\ \Phi_1^8$
5488	288	287	$\frac{17}{287}$	$\frac{19}{287}$	$\frac{134}{287}$	$\frac{135}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5489	288	287	$\frac{17}{287}$	$\frac{38}{287}$	$\frac{83}{287}$	$\frac{135}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5490	288	49	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{49}^6\ \Phi_7^5\ \Phi_1^6$
5491	288	287	$\frac{19}{287}$	$\frac{51}{287}$	$\frac{59}{287}$	$\frac{134}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5492	288	30	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{30}^{11}\ \Phi_{15}^9\ \Phi_{10}^{10}\ \Phi_6^{11}\ \Phi_5^8\ \Phi_3^8\ \Phi_2^{10}\ \Phi_1^8$
5493	288	255	$\frac{1}{15}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{7}{15}$	$\Phi_{255}\ \Phi_{85}\ \Phi_{51}\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
5494	288	420	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
5495	288	365	$\frac{5}{73}$	$\frac{13}{73}$	$\frac{1}{5}$	$\frac{34}{73}$	Φ_{365}
5496	288	388	$\frac{7}{97}$	$\frac{13}{97}$	$\frac{1}{4}$	$\frac{45}{97}$	$\Phi_{388}\ \Phi_{194}$
5497	288	41	$\frac{3}{41}$	$\frac{5}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{41}^7\ \Phi_1^8$
5498	288	435	$\frac{11}{145}$	$\frac{13}{145}$	$\frac{1}{3}$	$\frac{67}{145}$	$\Phi_{435}\ \Phi_{87}\ \Phi_{15}$
5499	288	333	$\frac{3}{37}$	$\frac{1}{9}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{333}\ \Phi_{111}$
5500	288	287	$\frac{25}{287}$	$\frac{26}{287}$	$\frac{87}{287}$	$\frac{131}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5501	288	287	$\frac{25}{287}$	$\frac{39}{287}$	$\frac{62}{287}$	$\frac{131}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5502	288	429	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{429}\ \Phi_{39}^2$
5503	288	253	$\frac{2}{23}$	$\frac{1}{11}$	$\frac{7}{23}$	$\frac{5}{11}$	$\Phi_{253}\ \Phi_{23}^2\ \Phi_{11}^2\ \Phi_1^4$
5504	288	110	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{110}^3\ \Phi_{55}^3\ \Phi_{22}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2$
5505	288	396	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{66}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
5506	288	253	$\frac{1}{11}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{5}{11}$	$\Phi_{253}\ \Phi_{23}^2\ \Phi_{11}^2\ \Phi_1^4$
5507	288	385	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{385}\ \Phi_{35}^2$
5508	288	365	$\frac{7}{73}$	$\frac{10}{73}$	$\frac{1}{5}$	$\frac{33}{73}$	Φ_{365}
5509	288	287	$\frac{26}{287}$	$\frac{29}{287}$	$\frac{79}{287}$	$\frac{129}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5510	288	49	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{49}^6\ \Phi_7^5\ \Phi_1^6$
5511	288	87	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{1}{3}$	$\frac{13}{29}$	$\Phi_{87}^5\ \Phi_3^4$
5512	288	287	$\frac{31}{287}$	$\frac{39}{287}$	$\frac{53}{287}$	$\frac{128}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5513	288	388	$\frac{9}{97}$	$\frac{11}{97}$	$\frac{1}{4}$	$\frac{43}{97}$	$\Phi_{388}\ \Phi_{194}$
5514	288	287	$\frac{20}{287}$	$\frac{33}{287}$	$\frac{89}{287}$	$\frac{127}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5515	288	287	$\frac{23}{287}$	$\frac{33}{287}$	$\frac{80}{287}$	$\frac{127}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5516	288	435	$\frac{9}{145}$	$\frac{17}{145}$	$\frac{1}{3}$	$\frac{64}{145}$	$\Phi_{435}\ \Phi_{87}\ \Phi_{15}$
5517	288	325	$\frac{1}{13}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{325}\ \Phi_{65}$
5518	288	816	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{816}\ \Phi_{51}$
5519	288	496	$\frac{3}{31}$	$\frac{1}{8}$	$\frac{7}{31}$	$\frac{7}{16}$	$\Phi_{496}\ \Phi_{31}\ \Phi_{16}^2\ \Phi_1^2$
5520	288	720	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{45}\ \Phi_{15}$
5521	288	287	$\frac{27}{287}$	$\frac{37}{287}$	$\frac{65}{287}$	$\frac{125}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5522	288	333	$\frac{1}{9}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{333}\ \Phi_{111}$
5523	288	399	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{399}\ \Phi_{57}^2$
5524	288	35	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{11}{35}$	$\frac{3}{7}$	$\Phi_{35}^8\ \Phi_7^9\ \Phi_5^8\ \Phi_1^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
5525	288	77	$\frac{5}{77}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{77}^4\ \Phi_{11}^4\ \Phi_7\ \Phi_1^2$
5526	288	364	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{364}\ \Phi_{182}\ \Phi_{52}^2\ \Phi_{26}^2$
5527	288	35	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{8}{35}$	$\frac{3}{7}$	$\Phi_{35}^8\ \Phi_7^9\ \Phi_5^8\ \Phi_1^{10}$
5528	288	70	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{70}^4\ \Phi_{35}^3\ \Phi_{14}^4\ \Phi_{10}^8\ \Phi_7^4\ \Phi_5^6\ \Phi_2^8\ \Phi_1^8$
5529	288	175	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{31}{175}$	$\frac{3}{7}$	$\Phi_{175}^2\ \Phi_{25}^2\ \Phi_7\ \Phi_1^2$
5530	288	7	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_7^{41}\ \Phi_1^{42}$
5531	288	287	$\frac{29}{287}$	$\frac{43}{287}$	$\frac{55}{287}$	$\frac{122}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5532	288	365	$\frac{7}{73}$	$\frac{11}{73}$	$\frac{1}{5}$	$\frac{31}{73}$	Φ_{365}
5533	288	388	$\frac{7}{97}$	$\frac{15}{97}$	$\frac{1}{4}$	$\frac{41}{97}$	$\Phi_{388}\ \Phi_{194}$
5534	288	287	$\frac{17}{287}$	$\frac{45}{287}$	$\frac{83}{287}$	$\frac{121}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5535	288	435	$\frac{7}{145}$	$\frac{23}{145}$	$\frac{1}{3}$	$\frac{61}{145}$	$\Phi_{435}\ \Phi_{87}\ \Phi_{15}$
5536	288	41	$\frac{2}{41}$	$\frac{7}{41}$	$\frac{13}{41}$	$\frac{17}{41}$	$\Phi_{41}^7\ \Phi_1^8$
5537	288	41	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{41}^7\ \Phi_1^8$
5538	288	245	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{245}$	$\frac{101}{245}$	$\Phi_{245}\ \Phi_{49}^2\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
5539	288	323	$\frac{1}{19}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	Φ_{323}
5540	288	287	$\frac{19}{287}$	$\frac{55}{287}$	$\frac{67}{287}$	$\frac{116}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5541	288	75	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{75}^6\ \Phi_{15}^5\ \Phi_3^4$
5542	288	235	$\frac{2}{47}$	$\frac{1}{5}$	$\frac{15}{47}$	$\frac{2}{5}$	$\Phi_{235}\ \Phi_{47}^2\ \Phi_5^2\ \Phi_1^4$
5543	288	340	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{340}\ \Phi_{170}\ \Phi_{68}^2\ \Phi_{34}^2$
5544	288	235	$\frac{3}{47}$	$\frac{1}{5}$	$\frac{11}{47}$	$\frac{2}{5}$	$\Phi_{235}\ \Phi_{47}^2\ \Phi_5^2\ \Phi_1^4$
5545	288	65	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{65}^5\ \Phi_{13}^4$
5546	288	235	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{235}\ \Phi_{47}^2\ \Phi_5^2\ \Phi_1^4$
5547	288	315	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{21}^2$
5548	288	330	$\frac{1}{10}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_6$
5549	288	287	$\frac{29}{287}$	$\frac{43}{287}$	$\frac{61}{287}$	$\frac{113}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5550	288	49	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{49}^6\ \Phi_7^5\ \Phi_1^6$
5551	288	287	$\frac{11}{287}$	$\frac{65}{287}$	$\frac{92}{287}$	$\frac{111}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5552	288	287	$\frac{27}{287}$	$\frac{44}{287}$	$\frac{65}{287}$	$\frac{111}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5553	288	325	$\frac{1}{25}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{325}\ \Phi_{65}$
5554	288	365	$\frac{5}{73}$	$\frac{1}{5}$	$\frac{17}{73}$	$\frac{28}{73}$	Φ_{365}
5555	288	287	$\frac{19}{287}$	$\frac{59}{287}$	$\frac{67}{287}$	$\frac{110}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5556	288	388	$\frac{5}{97}$	$\frac{23}{97}$	$\frac{1}{4}$	$\frac{37}{97}$	$\Phi_{388}\ \Phi_{194}$
5557	288	287	$\frac{11}{287}$	$\frac{69}{287}$	$\frac{89}{287}$	$\frac{109}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5558	288	87	$\frac{1}{29}$	$\frac{7}{29}$	$\frac{1}{3}$	$\frac{11}{29}$	$\Phi_{87}^5\ \Phi_3^4$
5559	288	287	$\frac{15}{287}$	$\frac{68}{287}$	$\frac{73}{287}$	$\frac{107}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5560	288	323	$\frac{1}{17}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	Φ_{323}
5561	288	325	$\frac{1}{13}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{325}\ \Phi_{65}$
5562	288	287	$\frac{23}{287}$	$\frac{44}{287}$	$\frac{81}{287}$	$\frac{103}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5563	288	70	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{70}^7\ \Phi_{35}^2\ \Phi_{14}^4\ \Phi_{10}^7\ \Phi_7\ \Phi_5^2\ \Phi_2^4\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
5564	288	287	$\frac{31}{287}$	$\frac{32}{287}$	$\frac{85}{287}$	$\frac{101}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_{7}\ \Phi_{1}^{2}$
5565	288	333	$\frac{4}{37}$	$\frac{1}{9}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{333}\ \Phi_{111}$
5566	288	49	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{49}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
5567	288	287	$\frac{20}{287}$	$\frac{47}{287}$	$\frac{89}{287}$	$\frac{99}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_{7}\ \Phi_{1}^{2}$
5568	288	365	$\frac{4}{73}$	$\frac{1}{5}$	$\frac{23}{73}$	$\frac{25}{73}$	Φ_{365}
5569	288	41	$\frac{2}{41}$	$\frac{9}{41}$	$\frac{13}{41}$	$\frac{14}{41}$	$\Phi_{41}^{7}\ \Phi_{1}^{8}$
5570	288	388	$\frac{4}{97}$	$\frac{1}{4}$	$\frac{31}{97}$	$\frac{33}{97}$	$\Phi_{388}\ \Phi_{194}$
5571	288	287	$\frac{8}{287}$	$\frac{93}{287}$	$\frac{95}{287}$	$\frac{97}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_{7}\ \Phi_{1}^{2}$
5572	288	435	$\frac{4}{145}$	$\frac{47}{145}$	$\frac{1}{3}$	$\frac{49}{145}$	$\Phi_{435}\ \Phi_{87}\ \Phi_{15}$
5573	288	111	$\frac{1}{37}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{111}^{3}\ \Phi_{37}^{2}$
5574	288	213	$\frac{2}{71}$	$\frac{23}{71}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{213}\ \Phi_{71}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
5575	288	300	$\frac{1}{25}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{300}\ \Phi_{150}\ \Phi_{100}^{2}\ \Phi_{60}\ \Phi_{50}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
5576	288	213	$\frac{3}{71}$	$\frac{17}{71}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{213}\ \Phi_{71}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
5577	288	285	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{285}\ \Phi_{95}^{2}$
5578	288	213	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{213}\ \Phi_{71}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
5579	288	273	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{273}\ \Phi_{91}^{2}$
5580	288	213	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{213}\ \Phi_{71}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
5581	288	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{90}^{4}\ \Phi_{45}^{4}\ \Phi_{30}^{3}\ \Phi_{18}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}$
5582	288	564	$\frac{2}{47}$	$\frac{1}{4}$	$\frac{15}{47}$	$\frac{1}{3}$	$\Phi_{564}\ \Phi_{282}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
5583	288	435	$\frac{7}{145}$	$\frac{33}{145}$	$\frac{46}{145}$	$\frac{1}{3}$	$\Phi_{435}\ \Phi_{87}\ \Phi_{15}$
5584	288	105	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{105}^{4}\ \Phi_{21}^{4}\ \Phi_{15}^{5}\ \Phi_{3}^{4}$
5585	288	87	$\frac{2}{29}$	$\frac{5}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{87}^{5}\ \Phi_{3}^{4}$
5586	288	483	$\frac{2}{23}$	$\frac{1}{7}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{483}\ \Phi_{21}^{2}$
5587	288	435	$\frac{16}{145}$	$\frac{17}{145}$	$\frac{43}{145}$	$\frac{1}{3}$	$\Phi_{435}\ \Phi_{87}\ \Phi_{15}$
5588	288	153	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{153}^{2}\ \Phi_{51}\ \Phi_{17}^{2}\ \Phi_{9}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
5589	288	90	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{90}^{5}\ \Phi_{45}^{4}\ \Phi_{30}\ \Phi_{18}^{5}\ \Phi_{15}\ \Phi_{9}^{4}\ \Phi_{6}$
5590	288	435	$\frac{13}{145}$	$\frac{22}{145}$	$\frac{41}{145}$	$\frac{1}{3}$	$\Phi_{435}\ \Phi_{87}\ \Phi_{15}$
5591	288	429	$\frac{1}{13}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{429}\ \Phi_{39}^{2}$
5592	288	435	$\frac{9}{145}$	$\frac{34}{145}$	$\frac{37}{145}$	$\frac{1}{3}$	$\Phi_{435}\ \Phi_{87}\ \Phi_{15}$
5593	288	204	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^{2}\ \Phi_{102}^{2}\ \Phi_{51}^{3}$
5594	288	564	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{564}\ \Phi_{282}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
5595	288	780	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}$
5596	288	564	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{564}\ \Phi_{282}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
5597	288	252	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^{2}\ \Phi_{126}^{2}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
5598	288	105	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{105}^{4}\ \Phi_{21}^{4}\ \Phi_{15}^{5}\ \Phi_{3}^{4}$
5599	288	435	$\frac{13}{145}$	$\frac{28}{145}$	$\frac{33}{145}$	$\frac{1}{3}$	$\Phi_{435}\ \Phi_{87}\ \Phi_{15}$
5600	288	483	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{483}\ \Phi_{21}^{2}$
5601	288	435	$\frac{19}{145}$	$\frac{21}{145}$	$\frac{31}{145}$	$\frac{1}{3}$	$\Phi_{435}\ \Phi_{87}\ \Phi_{15}$
5602	288	30	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{30}^{16}\ \Phi_{15}^{13}\ \Phi_{6}^{16}\ \Phi_{3}^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
5603	288	525	$\frac{4}{35}$	$\frac{31}{175}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{525}\ \Phi_{75}\ \Phi_{15}$
5604	288	105	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^5\ \Phi_{15}^6$
5605	288	253	$\frac{2}{23}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{7}{23}$	$\Phi_{253}\ \Phi_{23}^2\ \Phi_{11}^2\ \Phi_1^4$
5606	288	460	$\frac{2}{23}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{460}\ \Phi_{230}\ \Phi_{20}^2\ \Phi_{10}^2$
5607	288	287	$\frac{26}{287}$	$\frac{50}{287}$	$\frac{79}{287}$	$\frac{87}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5608	288	365	$\frac{7}{73}$	$\frac{1}{5}$	$\frac{17}{73}$	$\frac{22}{73}$	Φ_{365}
5609	288	287	$\frac{29}{287}$	$\frac{55}{287}$	$\frac{67}{287}$	$\frac{86}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5610	288	388	$\frac{10}{97}$	$\frac{17}{97}$	$\frac{1}{4}$	$\frac{29}{97}$	$\Phi_{388}\ \Phi_{194}$
5611	288	85	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{85}^3\ \Phi_{17}^4\ \Phi_5^6\ \Phi_1^8$
5612	288	287	$\frac{38}{287}$	$\frac{51}{287}$	$\frac{59}{287}$	$\frac{83}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5613	288	365	$\frac{10}{73}$	$\frac{13}{73}$	$\frac{1}{5}$	$\frac{21}{73}$	Φ_{365}
5614	288	21	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{21}^{18}\ \Phi_7^5\ \Phi_3^{18}\ \Phi_1^6$
5615	288	396	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{66}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
5616	288	253	$\frac{3}{23}$	$\frac{2}{11}$	$\frac{5}{23}$	$\frac{3}{11}$	$\Phi_{253}\ \Phi_{23}^2\ \Phi_{11}^2\ \Phi_1^4$
5617	288	385	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{385}\ \Phi_{35}^2$
5618	288	333	$\frac{1}{9}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{333}\ \Phi_{111}$
5619	288	41	$\frac{5}{41}$	$\frac{8}{41}$	$\frac{9}{41}$	$\frac{11}{41}$	$\Phi_{41}^7\ \Phi_1^8$
5620	288	49	$\frac{1}{7}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{49}^6\ \Phi_7^5\ \Phi_1^6$
5621	288	287	$\frac{39}{287}$	$\frac{53}{287}$	$\frac{62}{287}$	$\frac{75}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5622	288	365	$\frac{9}{73}$	$\frac{1}{5}$	$\frac{16}{73}$	$\frac{19}{73}$	Φ_{365}
5623	288	287	$\frac{27}{287}$	$\frac{65}{287}$	$\frac{71}{287}$	$\frac{74}{287}$	$\Phi_{287}\ \Phi_{41}\ \Phi_7\ \Phi_1^2$
5624	288	388	$\frac{9}{97}$	$\frac{22}{97}$	$\frac{1}{4}$	$\frac{25}{97}$	$\Phi_{388}\ \Phi_{194}$
5625	288	124	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
5626	288	180	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{15}^3$
5627	288	460	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{460}\ \Phi_{230}\ \Phi_{20}^2\ \Phi_{10}^2$
5628	288	388	$\frac{13}{97}$	$\frac{19}{97}$	$\frac{21}{97}$	$\frac{1}{4}$	$\Phi_{388}\ \Phi_{194}$
5629	288	140	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^3\ \Phi_{70}^3\ \Phi_{28}^4\ \Phi_{14}^4$
5630	289	512	$\frac{1}{32}$	$\frac{33}{256}$	$\frac{223}{512}$	$\frac{31}{64}$	$\Phi_{512}\ \Phi_{64}\ \Phi_1$
5631	289	384	$\frac{1}{32}$	$\frac{95}{384}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
5632	289	32	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{15}{32}$	$\Phi_{32}^2\ \Phi_{16}^{16}\ \Phi_8^{16}\ \Phi_4^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
5633	289	96	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{15}{32}$	$\Phi_{96}^8\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
5634	289	160	$\frac{1}{16}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{160}^4\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
5635	289	540	$\frac{19}{270}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{251}{540}$	$\Phi_{540}\ \Phi_{180}\ \Phi_{108}\ \Phi_{60}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
5636	289	396	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{107}{396}$	$\frac{91}{198}$	$\Phi_{396}\ \Phi_{132}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
5637	289	336	$\frac{5}{42}$	$\frac{47}{336}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
5638	289	90	$\frac{1}{18}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{90}^3\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{18}^5\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_9^5\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
5639	289	504	$\frac{5}{42}$	$\frac{37}{252}$	$\frac{1}{6}$	$\frac{215}{504}$	$\Phi_{504}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
5640	289	72	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{72}^6\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_9^5\ \Phi_8^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
5641	289	360	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{71}{360}$	$\frac{49}{120}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
5642	289	480	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{240}$	$\frac{191}{480}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{60}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
5643	289	324	$\frac{35}{324}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
5644	289	432	$\frac{1}{36}$	$\frac{35}{108}$	$\frac{143}{432}$	$\frac{73}{216}$	$\Phi_{432}\ \Phi_{144}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
5645	289	405	$\frac{1}{9}$	$\frac{19}{135}$	$\frac{116}{405}$	$\frac{8}{27}$	$\Phi_{405}\ \Phi_{81}\ \Phi_{27}\ \Phi_1$
5646	289	378	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{89}{378}$	$\frac{37}{126}$	$\Phi_{378}\ \Phi_{189}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
5647	289	24	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{7}{24}$	$\Phi_{24}^{10}\ \Phi_{12}^{10}\ \Phi_8^{16}\ \Phi_6^{10}\ \Phi_4^{16}\ \Phi_3^{10}\ \Phi_2^{16}\ \Phi_1^{17}$
5648	289	120	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{30}^4\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}^4\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
5649	289	20	$\frac{3}{20}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{20}^{14}\ \Phi_{10}^{14}\ \Phi_5^{14}\ \Phi_4^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
5650	290	456	$\frac{1}{57}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{28}{57}$	$\Phi_{456}\ \Phi_{152}\ \Phi_{57}\ \Phi_{24}\ \Phi_{19}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
5651	290	504	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{27}{56}$	$\Phi_{504}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}^2\ \Phi_{24}\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
5652	290	168	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{168}^3\ \Phi_{56}^4\ \Phi_{24}^3\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5653	290	272	$\frac{1}{17}$	$\frac{9}{136}$	$\frac{127}{272}$	$\frac{8}{17}$	$\Phi_{272}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_1^2$
5654	290	204	$\frac{1}{17}$	$\frac{9}{68}$	$\frac{59}{204}$	$\frac{8}{17}$	$\Phi_{204}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
5655	290	34	$\frac{1}{17}$	$\frac{5}{34}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{34}^8\ \Phi_{17}^9\ \Phi_2^8\ \Phi_1^{10}$
5656	290	594	$\frac{2}{27}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{594}\ \Phi_{198}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
5657	290	440	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{440}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{22}$
5658	290	126	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{42}$	$\frac{4}{9}$	$\Phi_{126}^2\ \Phi_{63}^2\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^3\ \Phi_7^2\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
5659	290	288	$\frac{3}{32}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
5660	290	315	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{4}{9}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{15}\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
5661	290	51	$\frac{1}{17}$	$\frac{7}{51}$	$\frac{16}{51}$	$\frac{22}{51}$	$\Phi_{51}^6\ \Phi_{17}^5\ \Phi_3^6\ \Phi_1^6$
5662	290	51	$\frac{2}{17}$	$\frac{7}{51}$	$\frac{3}{17}$	$\frac{22}{51}$	$\Phi_{51}^5\ \Phi_{17}^7\ \Phi_3^5\ \Phi_1^8$
5663	290	204	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{59}{204}$	$\frac{43}{102}$	$\Phi_{204}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
5664	290	550	$\frac{1}{11}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{550}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
5665	290	396	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
5666	290	34	$\frac{2}{17}$	$\frac{5}{34}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{34}^{10}\ \Phi_{17}^7\ \Phi_2^{10}\ \Phi_1^8$
5667	290	528	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{528}\ \Phi_{176}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
5668	290	120	$\frac{1}{30}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{120}^4\ \Phi_{40}^4\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5669	290	152	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{152}^3\ \Phi_{38}^2\ \Phi_{19}\ \Phi_8^4\ \Phi_2^2\ \Phi_1^2$
5670	290	42	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{42}^7\ \Phi_{21}^7\ \Phi_{14}^6\ \Phi_7^6\ \Phi_6^9\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
5671	290	96	$\frac{3}{32}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^4\ \Phi_{24}^3\ \Phi_{16}^4\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5672	290	396	$\frac{1}{11}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
5673	290	210	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{210}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5674	290	35	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{35}^8\ \Phi_7^{10}\ \Phi_5^7\ \Phi_1^{10}$
5675	291	464	$\frac{1}{58}$	$\frac{59}{232}$	$\frac{173}{464}$	$\frac{57}{116}$	$\Phi_{464}\ \Phi_{116}\ \Phi_{16}\ \Phi_4\ \Phi_1$
5676	291	560	$\frac{11}{280}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{269}{560}$	$\Phi_{560}\ \Phi_{112}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
5677	291	364	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{85}{182}$	$\Phi_{364}\ \Phi_{91}\ \Phi_{52}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_{13}\ \Phi_7\ \Phi_4\ \Phi_1$
5678	291	112	$\frac{1}{14}$	$\frac{15}{112}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{112}^3\ \Phi_{56}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
5679	291	180	$\frac{7}{90}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{83}{180}$	$\Phi_{180}^3\ \Phi_{60}^3\ \Phi_{36}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
5680	291	400	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{109}{400}$	$\frac{91}{200}$	$\Phi_{400}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
5681	291	140	$\frac{11}{140}$	$\frac{1}{10}$	$\frac{43}{140}$	$\frac{9}{20}$	$\Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
5682	291	320	$\frac{29}{320}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
5683	291	120	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{23}{120}$	$\frac{17}{40}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
5684	291	168	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1}{4}$	$\frac{71}{168}$	$\Phi_{168}^3\ \Phi_{56}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{14}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
5685	291	500	$\frac{1}{10}$	$\frac{41}{250}$	$\frac{9}{50}$	$\frac{209}{500}$	$\Phi_{500}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
5686	291	160	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{63}{160}$	$\Phi_{160}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
5687	291	252	$\frac{1}{14}$	$\frac{29}{126}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{252}^2\ \Phi_{126}\ \Phi_{63}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
5688	291	120	$\frac{1}{10}$	$\frac{23}{120}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
5689	292	144	$\frac{1}{72}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{71}{144}$	$\Phi_{144}^4\ \Phi_{48}^4\ \Phi_{16}^4\ \Phi_3\ \Phi_1^2$
5690	292	294	$\frac{1}{49}$	$\frac{25}{98}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{294}^2\ \Phi_{147}\ \Phi_{42}^2\ \Phi_{21}\ \Phi_6^2$
5691	292	420	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{67}{140}$	$\Phi_{420}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{21}\ \Phi_{12}^2$
5692	292	84	$\frac{1}{21}$	$\frac{11}{84}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{84}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_7^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
5693	292	273	$\frac{19}{273}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{127}{273}$	$\Phi_{273}\ \Phi_{91}\ \Phi_{39}\ \Phi_{21}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
5694	292	231	$\frac{4}{77}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{231}^2\ \Phi_{33}^2\ \Phi_{21}$
5695	292	126	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{1}{3}$	$\frac{53}{126}$	$\Phi_{126}^4\ \Phi_{42}^4\ \Phi_{21}^2\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_7^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
5696	292	75	$\frac{2}{75}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{75}^4\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
5697	292	108	$\frac{1}{36}$	$\frac{35}{108}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{108}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_3\ \Phi_1^2$
5698	292	228	$\frac{3}{76}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{228}\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_3\ \Phi_1^2$
5699	292	96	$\frac{1}{24}$	$\frac{23}{96}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{96}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{16}^4\ \Phi_3\ \Phi_1^2$
5700	292	153	$\frac{7}{153}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{153}^2\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_3\ \Phi_1^2$
5701	292	90	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{90}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
5702	292	78	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{78}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_3\ \Phi_1^2$
5703	292	84	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{84}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
5704	292	240	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
5705	292	81	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{81}^4\ \Phi_{27}^4\ \Phi_3\ \Phi_1^2$
5706	292	189	$\frac{1}{21}$	$\frac{43}{189}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{189}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
5707	292	105	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{32}{105}$	$\frac{1}{3}$	$\Phi_{105}^2\ \Phi_{35}^4\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_7^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
5708	292	84	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{84}^4\ \Phi_{42}^2\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_7^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
5709	292	525	$\frac{1}{7}$	$\frac{29}{175}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{525}\ \Phi_{75}\ \Phi_{21}$
5710	292	97	$\frac{9}{97}$	$\frac{22}{97}$	$\frac{24}{97}$	$\frac{25}{97}$	$\Phi_{97}^3\ \Phi_1^4$
5711	293	576	$\frac{5}{288}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{283}{576}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_8\ \Phi_1$
5712	293	432	$\frac{5}{144}$	$\frac{1}{4}$	$\frac{139}{432}$	$\frac{3}{8}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_8\ \Phi_1$
5713	293	304	$\frac{11}{304}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_8\ \Phi_1$
5714	293	384	$\frac{5}{96}$	$\frac{91}{384}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_8\ \Phi_1$
5715	293	312	$\frac{19}{312}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
5716	293	360	$\frac{5}{72}$	$\frac{67}{360}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
5717	293	320	$\frac{27}{320}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
5718	293	336	$\frac{5}{48}$	$\frac{43}{336}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
5719	294	480	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{47}{96}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_5\ \Phi_1^2$
5720	294	96	$\frac{1}{48}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{96}^6\ \Phi_{32}^6\ \Phi_{12}\ \Phi_6$
5721	294	492	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{20}{41}$	$\Phi_{492}\ \Phi_{164}\ \Phi_{41}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
5722	294	369	$\frac{1}{41}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{369}\ \Phi_{41}\ \Phi_9^2\ \Phi_1^2$
5723	294	132	$\frac{1}{33}$	$\frac{1}{4}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{132}^3\ \Phi_{66}\ \Phi_{44}^3\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
5724	294	520	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{19}{40}$	$\Phi_{520}\ \Phi_{104}\ \Phi_{40}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
5725	294	120	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{120}^3\ \Phi_{60}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
5726	294	130	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{6}{13}$	$\Phi_{130}^2\ \Phi_{65}^2\ \Phi_{26}^2\ \Phi_{13}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
5727	294	104	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{104}^3\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{13}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
5728	294	325	$\frac{1}{13}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{325}\ \Phi_{25}^2\ \Phi_{13}\ \Phi_1^2$
5729	294	180	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{41}{90}$	$\Phi_{180}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
5730	294	630	$\frac{4}{45}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{630}\ \Phi_{210}\ \Phi_{126}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{14}$
5731	294	220	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{220}^2\ \Phi_{110}^2\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{10}^2$
5732	294	293	$\frac{23}{293}$	$\frac{29}{293}$	$\frac{90}{293}$	$\frac{132}{293}$	$\Phi_{293}\ \Phi_1^2$
5733	294	420	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
5734	294	108	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{108}^4\ \Phi_{54}^2\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{18}\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
5735	294	88	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{4}$	$\frac{39}{88}$	$\Phi_{88}^6\ \Phi_{44}\ \Phi_{22}\ \Phi_8^6$
5736	294	344	$\frac{5}{43}$	$\frac{1}{8}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{344}\ \Phi_{172}\ \Phi_{86}$
5737	294	293	$\frac{34}{293}$	$\frac{37}{293}$	$\frac{55}{293}$	$\frac{128}{293}$	$\Phi_{293}\ \Phi_1^2$
5738	294	396	$\frac{8}{99}$	$\frac{13}{99}$	$\frac{1}{4}$	$\frac{43}{99}$	$\Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
5739	294	132	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{132}^4\ \Phi_{66}\ \Phi_{44}^4\ \Phi_{33}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
5740	294	492	$\frac{2}{41}$	$\frac{1}{6}$	$\frac{13}{41}$	$\frac{5}{12}$	$\Phi_{492}\ \Phi_{164}\ \Phi_{41}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
5741	294	60	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{60}^4\ \Phi_{30}^7\ \Phi_{20}^4\ \Phi_{15}^6\ \Phi_{12}^3\ \Phi_{10}^7\ \Phi_6^5\ \Phi_5^6\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
5742	294	492	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{492}\ \Phi_{164}\ \Phi_{41}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
5743	294	168	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{168}^2\ \Phi_{84}\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2$
5744	294	255	$\frac{2}{51}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{255}\ \Phi_{85}\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_5\ \Phi_1^2$
5745	294	360	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{23}{72}$	$\frac{2}{5}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
5746	294	110	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{110}^3\ \Phi_{55}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_1^2$
5747	294	260	$\frac{3}{52}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_5\ \Phi_1^2$
5748	294	320	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{64}$	$\frac{2}{5}$	$\Phi_{320}\ \Phi_{160}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_5\ \Phi_1^2$
5749	294	60	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{60}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^6\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^6$
5750	294	270	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
5751	294	40	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{40}^6\ \Phi_{20}^6\ \Phi_{10}^6\ \Phi_8^{12}\ \Phi_5^7\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{14}$
5752	294	560	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{560}\ \Phi_{112}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
5753	294	456	$\frac{5}{152}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{12}\ \Phi_6$
5754	294	293	$\frac{27}{293}$	$\frac{38}{293}$	$\frac{85}{293}$	$\frac{104}{293}$	$\Phi_{293}\ \Phi_1^2$
5755	294	344	$\frac{4}{43}$	$\frac{1}{8}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{344}\ \Phi_{172}\ \Phi_{86}$
5756	294	222	$\frac{1}{37}$	$\frac{12}{37}$	$\frac{1}{3}$	$\frac{25}{74}$	$\Phi_{222}^3\ \Phi_{111}\ \Phi_6^3$
5757	294	204	$\frac{2}{51}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
5758	294	198	$\frac{1}{22}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{18}^2\ \Phi_6$
5759	294	72	$\frac{1}{24}$	$\frac{1}{4}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{72}^6\ \Phi_{36}^6\ \Phi_{18}^6\ \Phi_{12}\ \Phi_9^6\ \Phi_6$
5760	294	369	$\frac{2}{41}$	$\frac{2}{9}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{369}\ \Phi_{41}\ \Phi_9^2\ \Phi_1^2$
5761	294	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{30}^2\ \Phi_{24}^5\ \Phi_{15}^2\ \Phi_{12}^5\ \Phi_6^3\ \Phi_3^2$
5762	294	444	$\frac{15}{148}$	$\frac{19}{148}$	$\frac{43}{148}$	$\frac{1}{3}$	$\Phi_{444}\ \Phi_{222}\ \Phi_{111}\ \Phi_{12}\ \Phi_6$
5763	294	156	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^3\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{12}\ \Phi_6$
5764	294	192	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{12}\ \Phi_6$
5765	294	180	$\frac{1}{15}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
5766	294	480	$\frac{13}{160}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
5767	294	60	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^6\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{12}\ \Phi_{10}^6\ \Phi_6\ \Phi_5^6$
5768	294	108	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{108}^4\ \Phi_{54}^2\ \Phi_{36}^4\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
5769	294	24	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{24}^{18}\ \Phi_{12}^{19}\ \Phi_6^{19}\ \Phi_3^{18}$
5770	294	369	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{369}\ \Phi_{41}\ \Phi_9^2\ \Phi_1^2$
5771	294	504	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
5772	294	600	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
5773	294	540	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{4}$	$\frac{37}{135}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
5774	294	420	$\frac{1}{7}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
5775	294	132	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{4}$	$\frac{17}{66}$	$\Phi_{132}^4\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
5776	295	232	$\frac{1}{58}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{57}{116}$	$\Phi_{232}^2\ \Phi_{116}\ \Phi_8^3\ \Phi_4\ \Phi_1$
5777	295	396	$\frac{2}{99}$	$\frac{101}{396}$	$\frac{1}{3}$	$\frac{97}{198}$	$\Phi_{396}\ \Phi_{132}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_1$
5778	295	504	$\frac{1}{42}$	$\frac{43}{252}$	$\frac{209}{504}$	$\frac{41}{84}$	$\Phi_{504}\ \Phi_{168}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
5779	295	576	$\frac{7}{288}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{281}{576}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{12}\ \Phi_4\ \Phi_1$
5780	295	576	$\frac{7}{288}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{281}{576}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_9\ \Phi_1$
5781	295	114	$\frac{2}{57}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{114}^2\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{19}^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
5782	295	240	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{240}^2\ \Phi_{80}\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
5783	295	112	$\frac{3}{56}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{53}{112}$	$\Phi_{112}^5\ \Phi_{28}\ \Phi_{16}^5\ \Phi_4\ \Phi_1$
5784	295	112	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{53}{112}$	$\Phi_{112}^5\ \Phi_{16}^5\ \Phi_7^2\ \Phi_1^3$
5785	295	336	$\frac{3}{56}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{336}^2\ \Phi_{112}\ \Phi_{48}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
5786	295	66	$\frac{2}{33}$	$\frac{7}{66}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{66}^4\ \Phi_{33}^5\ \Phi_{22}^4\ \Phi_{11}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
5787	295	84	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{25}{84}$	$\frac{13}{28}$	$\Phi_{84}^5\ \Phi_{42}^5\ \Phi_{28}\ \Phi_{21}^5\ \Phi_{12}^5\ \Phi_6^5\ \Phi_4\ \Phi_3^5\ \Phi_1$
5788	295	336	$\frac{1}{14}$	$\frac{41}{336}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
5789	295	330	$\frac{4}{55}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{330}\ \Phi_{165}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
5790	295	324	$\frac{2}{27}$	$\frac{29}{324}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
5791	295	72	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{72}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
5792	295	108	$\frac{2}{27}$	$\frac{5}{54}$	$\frac{1}{3}$	$\frac{49}{108}$	$\Phi_{108}^5\ \Phi_{36}^5\ \Phi_{27}\ \Phi_{12}^5\ \Phi_9\ \Phi_4^5\ \Phi_1$
5793	295	108	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{108}^5\ \Phi_{36}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
5794	295	528	$\frac{2}{33}$	$\frac{31}{264}$	$\frac{1}{3}$	$\frac{233}{528}$	$\Phi_{528}\ \Phi_{176}\ \Phi_{48}\ \Phi_{33}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
5795	295	63	$\frac{4}{63}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{63}^5\ \Phi_{21}^5\ \Phi_9^5\ \Phi_7^2\ \Phi_3^5\ \Phi_1^3$
5796	295	432	$\frac{7}{144}$	$\frac{1}{6}$	$\frac{137}{432}$	$\frac{5}{12}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
5797	295	312	$\frac{17}{312}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
5798	295	384	$\frac{7}{96}$	$\frac{1}{6}$	$\frac{89}{384}$	$\frac{5}{12}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{12}\ \Phi_4\ \Phi_1$
5799	295	324	$\frac{29}{324}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
5800	295	72	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{12}$	$\Phi_{72}^4\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
5801	295	336	$\frac{41}{336}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
5802	295	504	$\frac{1}{21}$	$\frac{43}{252}$	$\frac{20}{63}$	$\frac{209}{504}$	$\Phi_{504}\ \Phi_{168}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
5803	295	300	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{300}^2\ \Phi_{100}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
5804	295	84	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{25}{84}$	$\frac{17}{42}$	$\Phi_{84}^5\ \Phi_{28}^5\ \Phi_{21}^4\ \Phi_{12}^5\ \Phi_7^4\ \Phi_4^5\ \Phi_3^4\ \Phi_1^5$
5805	295	306	$\frac{11}{306}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{306}\ \Phi_{153}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_9\ \Phi_1$
5806	295	96	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{96}^5\ \Phi_{32}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
5807	295	696	$\frac{1}{29}$	$\frac{1}{4}$	$\frac{28}{87}$	$\frac{3}{8}$	$\Phi_{696}\ \Phi_{87}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
5808	295	192	$\frac{5}{64}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
5809	295	90	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{90}^2\ \Phi_{45}^3\ \Phi_{30}^5\ \Phi_{18}^2\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_9^3\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
5810	295	378	$\frac{1}{21}$	$\frac{83}{378}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{378}\ \Phi_{189}\ \Phi_{63}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
5811	295	432	$\frac{7}{144}$	$\frac{2}{9}$	$\frac{137}{432}$	$\frac{1}{3}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
5812	295	81	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{22}{81}$	$\frac{1}{3}$	$\Phi_{81}^5\ \Phi_{27}\ \Phi_9\ \Phi_1$
5813	295	396	$\frac{2}{33}$	$\frac{31}{132}$	$\frac{101}{396}$	$\frac{1}{3}$	$\Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
5814	295	324	$\frac{29}{324}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
5815	295	72	$\frac{7}{72}$	$\frac{13}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{72}^4\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
5816	295	84	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{25}{84}$	$\Phi_{84}^5\ \Phi_{42}^5\ \Phi_{21}^5\ \Phi_{12}^5\ \Phi_7^2\ \Phi_6^5\ \Phi_3^5\ \Phi_1^3$
5817	295	84	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{84}^3\ \Phi_{42}^3\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_7^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
5818	295	70	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{70}^5\ \Phi_{35}^5\ \Phi_{10}^5\ \Phi_7^2\ \Phi_5^5\ \Phi_1^3$
5819	295	72	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{72}^5\ \Phi_{36}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
5820	296	219	$\frac{1}{73}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{36}{73}$	$\Phi_{219}\ \Phi_{73}^2\ \Phi_3^2\ \Phi_1^4$
5821	296	59	$\frac{1}{59}$	$\frac{15}{59}$	$\frac{22}{59}$	$\frac{29}{59}$	$\Phi_{59}^5\ \Phi_1^6$
5822	296	447	$\frac{3}{149}$	$\frac{38}{149}$	$\frac{1}{3}$	$\frac{73}{149}$	Φ_{447}
5823	296	145	$\frac{3}{145}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{71}{145}$	$\Phi_{145}^2\ \Phi_{29}^2\ \Phi_5^3\ \Phi_1^4$
5824	296	504	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{35}{72}$	$\Phi_{504}\ \Phi_{168}\ \Phi_{72}^2\ \Phi_{56}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
5825	296	360	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{360}^2\ \Phi_{120}^2\ \Phi_{40}^2\ \Phi_{15}$
5826	296	285	$\frac{11}{285}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{137}{285}$	$\Phi_{285}\ \Phi_{95}\ \Phi_{57}\ \Phi_{19}\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
5827	296	50	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{50}^8\ \Phi_{25}^4\ \Phi_{10}^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
5828	296	70	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{70}^8\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
5829	296	45	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{45}^8\ \Phi_{15}^4\ \Phi_9^8\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
5830	296	275	$\frac{21}{275}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{127}{275}$	$\Phi_{275}\ \Phi_{55}\ \Phi_{25}^2\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
5831	296	135	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{61}{135}$	$\Phi_{135}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^4\ \Phi_9^2\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
5832	296	273	$\frac{2}{39}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{273}\ \Phi_{91}\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_1^2$
5833	296	378	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{17}{54}$	$\frac{3}{7}$	$\Phi_{378}\ \Phi_{189}\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_7\ \Phi_1^2$
5834	296	280	$\frac{3}{40}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
5835	296	336	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{48}$	$\frac{3}{7}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
5836	296	315	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{45}$	$\frac{3}{7}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
5837	296	42	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{42}^7\ \Phi_{21}^7\ \Phi_{14}^7\ \Phi_7^8\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^8$
5838	296	125	$\frac{2}{25}$	$\frac{23}{125}$	$\frac{1}{5}$	$\frac{51}{125}$	$\Phi_{125}^2\ \Phi_{25}^4\ \Phi_5^3\ \Phi_1^4$
5839	296	40	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{40}^8\ \Phi_{20}^8\ \Phi_{10}^8\ \Phi_8^8\ \Phi_5^3\ \Phi_4^8\ \Phi_2^8\ \Phi_1^4$
5840	296	60	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{60}^8\ \Phi_{20}^8\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_5^3\ \Phi_4^8\ \Phi_3^4\ \Phi_1^4$
5841	296	225	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{71}{225}$	$\frac{77}{225}$	$\Phi_{225}\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
5842	296	114	$\frac{1}{38}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{114}^3\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_6^3\ \Phi_2^2$
5843	296	195	$\frac{2}{39}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^2\ \Phi_{65}^2\ \Phi_{15}$
5844	296	270	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{15}$
5845	296	120	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^4\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4$
5846	296	240	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{15}$
5847	296	405	$\frac{7}{81}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{405}\ \Phi_{135}\ \Phi_{15}$
5848	296	45	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{45}^6\ \Phi_{15}^7\ \Phi_9^8\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
5849	296	210	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{15}$
5850	296	105	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{105}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
5851	296	45	$\frac{2}{15}$	$\frac{8}{45}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{45}^6\ \Phi_{15}^8\ \Phi_9^6\ \Phi_5^7\ \Phi_3^8\ \Phi_1^8$
5852	297	400	$\frac{3}{100}$	$\frac{1}{4}$	$\frac{103}{400}$	$\frac{97}{200}$	$\Phi_{400}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
5853	297	64	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{31}{64}$	$\Phi_{64}^9\ \Phi_{16}\ \Phi_1$
5854	297	64	$\frac{1}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{64}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
5855	297	260	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{25}{52}$	$\Phi_{130}^2\ \Phi_{65}^2\ \Phi_{52}\ \Phi_{26}^2\ \Phi_{20}\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
5856	297	780	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{25}{52}$	$\Phi_{780}\ \Phi_{156}\ \Phi_{60}\ \Phi_{52}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
5857	297	380	$\frac{4}{95}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{91}{190}$	$\Phi_{380}\ \Phi_{95}\ \Phi_{76}\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
5858	297	40	$\frac{1}{20}$	$\frac{7}{40}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{40}^6\ \Phi_{20}^9\ \Phi_{10}^9\ \Phi_8^6\ \Phi_5^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
5859	297	560	$\frac{17}{280}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{263}{560}$	$\Phi_{560}\ \Phi_{112}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
5860	297	37	$\frac{3}{37}$	$\frac{4}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{37}^8\ \Phi_1^9$
5861	297	260	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{4}{13}$	$\frac{9}{20}$	$\Phi_{260}^2\ \Phi_{52}^2\ \Phi_{20}^3\ \Phi_{13}^2\ \Phi_4^3\ \Phi_1^3$
5862	297	20	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{20}^{11}\ \Phi_{10}^{19}\ \Phi_5^{19}\ \Phi_4^{10}\ \Phi_2^{18}\ \Phi_1^{19}$
5863	297	16	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{5}{16}$	$\frac{7}{16}$	$\Phi_{16}^{19}\ \Phi_8^{18}\ \Phi_4^{18}\ \Phi_2^{18}\ \Phi_1^{19}$
5864	297	320	$\frac{23}{320}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
5865	297	48	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{48}^{12}\ \Phi_{16}^9\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
5866	297	128	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{29}{128}$	$\frac{7}{16}$	$\Phi_{128}^3\ \Phi_{64}^3\ \Phi_{16}\ \Phi_1$
5867	297	112	$\frac{13}{112}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{112}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{16}\ \Phi_{14}^3\ \Phi_7^3\ \Phi_1$
5868	297	80	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{7}{16}$	$\Phi_{80}^8\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
5869	297	320	$\frac{23}{320}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
5870	297	37	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{10}{37}$	$\frac{15}{37}$	$\Phi_{37}^8\ \Phi_1^9$
5871	297	252	$\frac{1}{28}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{252}\ \Phi_{126}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
5872	297	160	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{1}{4}$	$\frac{61}{160}$	$\Phi_{160}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
5873	297	112	$\frac{1}{28}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{112}^4\ \Phi_{28}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
5874	297	104	$\frac{5}{104}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{104}^3\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
5875	297	96	$\frac{1}{12}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{96}^4\ \Phi_{48}^4\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
5876	297	84	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{84}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{14}\ \Phi_{12}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
5877	297	100	$\frac{1}{25}$	$\frac{1}{4}$	$\frac{8}{25}$	$\frac{17}{50}$	$\Phi_{100}^4\ \Phi_{50}\ \Phi_{25}^3\ \Phi_{20}^4\ \Phi_{10}\ \Phi_5^3\ \Phi_4^3\ \Phi_1^3$
5878	297	148	$\frac{1}{37}$	$\frac{12}{37}$	$\frac{49}{148}$	$\frac{25}{74}$	$\Phi_{148}^3\ \Phi_{37}^2\ \Phi_4^3\ \Phi_1^3$
5879	297	16	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{16}^{18}\ \Phi_8^{18}\ \Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^{21}$
5880	297	74	$\frac{5}{74}$	$\frac{17}{74}$	$\frac{19}{74}$	$\frac{23}{74}$	$\Phi_{74}^4\ \Phi_{37}^4\ \Phi_2^4\ \Phi_1^5$
5881	297	100	$\frac{7}{100}$	$\frac{23}{100}$	$\frac{1}{4}$	$\frac{31}{100}$	$\Phi_{100}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
5882	297	195	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{4}{13}$	$\Phi_{195}^2\ \Phi_{39}^2\ \Phi_{15}^3\ \Phi_{13}^2\ \Phi_3^3\ \Phi_1^3$
5883	297	40	$\frac{1}{10}$	$\frac{7}{40}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{40}^9\ \Phi_{20}^5\ \Phi_{10}^7\ \Phi_8^9\ \Phi_5^7\ \Phi_4^4\ \Phi_2^6\ \Phi_1^7$
5884	297	140	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{41}{140}$	$\Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
5885	297	37	$\frac{4}{37}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{37}^8\ \Phi_1^9$
5886	297	60	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{60}^9\ \Phi_{30}^4\ \Phi_{20}^2\ \Phi_{15}^5\ \Phi_{12}^9\ \Phi_{10}\ \Phi_6^4\ \Phi_5\ \Phi_4\ \Phi_3^5\ \Phi_1$
5887	297	12	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{12}^{27}\ \Phi_6^{27}\ \Phi_4^{20}\ \Phi_3^{27}\ \Phi_2^{20}\ \Phi_1^{21}$
5888	297	128	$\frac{3}{32}$	$\frac{29}{128}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{128}^3\ \Phi_{64}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
5889	297	112	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{112}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
5890	297	40	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{40}^9\ \Phi_{20}^9\ \Phi_{10}^9\ \Phi_5^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
5891	298	294	$\frac{2}{147}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{145}{294}$	$\Phi_{294}^2\ \Phi_{98}^2\ \Phi_{42}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5892	298	600	$\frac{1}{50}$	$\frac{51}{200}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{600}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
5893	298	870	$\frac{4}{145}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{141}{290}$	$\Phi_{870}\ \Phi_{174}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
5894	298	264	$\frac{1}{33}$	$\frac{17}{132}$	$\frac{115}{264}$	$\frac{16}{33}$	$\Phi_{264}^2\ \Phi_{88}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
5895	298	198	$\frac{1}{33}$	$\frac{49}{198}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{198}^2\ \Phi_{99}^2\ \Phi_{33}\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
5896	298	180	$\frac{1}{30}$	$\frac{31}{180}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5897	298	288	$\frac{5}{144}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{139}{288}$	$\Phi_{288}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
5898	298	288	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{139}{288}$	$\Phi_{288}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5899	298	270	$\frac{1}{27}$	$\frac{14}{135}$	$\frac{121}{270}$	$\frac{13}{27}$	$\Phi_{270}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5900	298	286	$\frac{6}{143}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{137}{286}$	$\Phi_{286}^2\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
5901	298	285	$\frac{13}{285}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{136}{285}$	$\Phi_{285}\ \Phi_{95}\ \Phi_{57}\ \Phi_{19}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
5902	298	840	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{131}{280}$	$\Phi_{840}\ \Phi_{168}\ \Phi_{120}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
5903	298	480	$\frac{11}{160}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
5904	298	270	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{3}$	$\frac{121}{270}$	$\Phi_{270}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5905	298	216	$\frac{5}{72}$	$\frac{1}{9}$	$\frac{67}{216}$	$\frac{4}{9}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
5906	298	162	$\frac{13}{162}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{162}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
5907	298	180	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{31}{180}$	$\frac{4}{9}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
5908	298	264	$\frac{1}{11}$	$\frac{17}{132}$	$\frac{5}{22}$	$\frac{115}{264}$	$\Phi_{264}^2\ \Phi_{88}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
5909	298	156	$\frac{7}{156}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5910	298	750	$\frac{1}{25}$	$\frac{24}{125}$	$\frac{1}{3}$	$\frac{101}{250}$	$\Phi_{750}\ \Phi_{150}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
5911	298	243	$\frac{1}{27}$	$\frac{55}{243}$	$\frac{26}{81}$	$\frac{94}{243}$	$\Phi_{243}\ \Phi_{81}^2\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
5912	298	176	$\frac{1}{11}$	$\frac{27}{176}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{176}^2\ \Phi_{88}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
5913	298	216	$\frac{1}{27}$	$\frac{13}{54}$	$\frac{67}{216}$	$\frac{41}{108}$	$\Phi_{216}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
5914	298	240	$\frac{1}{30}$	$\frac{29}{120}$	$\frac{1}{3}$	$\frac{91}{240}$	$\Phi_{240}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5915	298	231	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{231}$	$\frac{82}{231}$	$\Phi_{231}\ \Phi_{77}^2\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
5916	298	225	$\frac{2}{75}$	$\frac{73}{225}$	$\frac{1}{3}$	$\frac{76}{225}$	$\Phi_{225}\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
5917	298	168	$\frac{2}{21}$	$\frac{19}{168}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5918	298	180	$\frac{1}{15}$	$\frac{31}{180}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5919	298	216	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{216}$	$\frac{1}{3}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5920	298	210	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{210}$	$\frac{1}{3}$	$\Phi_{210}\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5921	298	162	$\frac{13}{162}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{162}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5922	298	192	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{192}$	$\frac{1}{3}$	$\Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5923	298	168	$\frac{19}{168}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5924	298	180	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{180}$	$\frac{1}{3}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
5925	298	198	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{49}{198}$	$\frac{17}{66}$	$\Phi_{198}^2\ \Phi_{99}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
5926	299	264	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{21}{44}$	$\Phi_{264}^2\ \Phi_{88}^2\ \Phi_{44}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
5927	299	660	$\frac{1}{22}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{660}\ \Phi_{220}\ \Phi_{60}\ \Phi_{44}\ \Phi_{20}\ \Phi_{15}\ \Phi_5\ \Phi_4\ \Phi_1$
5928	299	396	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{21}{44}$	$\Phi_{396}^2\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
5929	299	176	$\frac{1}{22}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{176}^2\ \Phi_{88}^2\ \Phi_{44}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
5930	299	264	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{11}{24}$	$\Phi_{264}^2\ \Phi_{88}^2\ \Phi_{33}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_3\ \Phi_1$
5931	299	42	$\frac{1}{14}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{42}^7\ \Phi_{21}^8\ \Phi_{14}^6\ \Phi_7^7\ \Phi_6^7\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
5932	299	224	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{224}^2\ \Phi_{56}^2\ \Phi_{32}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
5933	299	280	$\frac{1}{14}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{280}^2\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
5934	299	252	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{252}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
5935	299	165	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{165}^2\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3\ \Phi_1$
5936	299	198	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{10}{33}$	$\Phi_{198}^2\ \Phi_{99}^2\ \Phi_{33}\ \Phi_{18}^3\ \Phi_9^3\ \Phi_3\ \Phi_1$
5937	299	528	$\frac{1}{11}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_3\ \Phi_1$
5938	300	444	$\frac{1}{74}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{73}{148}$	$\Phi_{444}\ \Phi_{148}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
5939	300	472	$\frac{1}{59}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{29}{59}$	$\Phi_{472}\ \Phi_{59}\ \Phi_8^2\ \Phi_1^2$
5940	300	245	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{24}{49}$	$\Phi_{245}\ \Phi_{49}^2\ \Phi_{35}\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
5941	300	588	$\frac{1}{49}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{588}\ \Phi_{294}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_6^2$
5942	300	299	$\frac{7}{299}$	$\frac{51}{299}$	$\frac{124}{299}$	$\frac{146}{299}$	$\Phi_{299}\ \Phi_{23}\ \Phi_{13}\ \Phi_1^2$
5943	300	404	$\frac{3}{101}$	$\frac{1}{4}$	$\frac{26}{101}$	$\frac{49}{101}$	$\Phi_{404}\ \Phi_{202}$
5944	300	299	$\frac{9}{299}$	$\frac{74}{299}$	$\frac{77}{299}$	$\frac{145}{299}$	$\Phi_{299}\ \Phi_{23}\ \Phi_{13}\ \Phi_1^2$
5945	300	453	$\frac{5}{151}$	$\frac{26}{151}$	$\frac{1}{3}$	$\frac{73}{151}$	Φ_{453}
5946	300	261	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{14}{29}$	$\Phi_{261}\ \Phi_{87}\ \Phi_{29}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
5947	300	174	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{174}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
5948	300	299	$\frac{11}{299}$	$\frac{31}{299}$	$\frac{134}{299}$	$\frac{144}{299}$	$\Phi_{299}\ \Phi_{23}\ \Phi_{13}\ \Phi_1^2$
5949	300	528	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{23}{48}$	$\Phi_{528}\ \Phi_{176}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_1^2$
5950	300	336	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{336}^2\ \Phi_{112}^2\ \Phi_{21}$
5951	300	528	$\frac{1}{24}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{23}{48}$	$\Phi_{528}\ \Phi_{176}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
5952	300	240	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{240}^3\ \Phi_{80}^3\ \Phi_{20}\ \Phi_{10}$
5953	300	46	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{21}{46}$	$\frac{11}{23}$	$\Phi_{46}^{12}\ \Phi_{23}\ \Phi_{2}^{12}\ \Phi_{1}^2$
5954	300	69	$\frac{1}{23}$	$\frac{4}{23}$	$\frac{19}{69}$	$\frac{11}{23}$	$\Phi_{69}^6\ \Phi_{23}\ \Phi_{3}^6\ \Phi_{1}^2$
5955	300	92	$\frac{1}{23}$	$\frac{17}{92}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{92}^4\ \Phi_{46}^4\ \Phi_{23}\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^2$
5956	300	143	$\frac{7}{143}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{68}{143}$	$\Phi_{143}^2\ \Phi_{13}^3\ \Phi_{11}^2\ \Phi_{1}^4$
5957	300	366	$\frac{3}{61}$	$\frac{1}{6}$	$\frac{16}{61}$	$\frac{29}{61}$	$\Phi_{366}\ \Phi_{183}\ \Phi_{122}$
5958	300	532	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{9}{19}$	$\Phi_{532}\ \Phi_{76}\ \Phi_{28}^2\ \Phi_{19}\ \Phi_{4}^2\ \Phi_{1}^2$
5959	300	133	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{9}{19}$	$\Phi_{133}^2\ \Phi_{19}^3\ \Phi_{7}^4\ \Phi_{1}^6$
5960	300	228	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{228}^2\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{19}\ \Phi_{12}^4\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
5961	300	299	$\frac{17}{299}$	$\frac{44}{299}$	$\frac{79}{299}$	$\frac{141}{299}$	$\Phi_{299}\ \Phi_{23}\ \Phi_{13}\ \Phi_{1}^2$
5962	300	238	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{238}^2\ \Phi_{119}\ \Phi_{14}^2$
5963	300	453	$\frac{9}{151}$	$\frac{16}{151}$	$\frac{1}{3}$	$\frac{71}{151}$	Φ_{453}
5964	300	299	$\frac{21}{299}$	$\frac{32}{299}$	$\frac{89}{299}$	$\frac{139}{299}$	$\Phi_{299}\ \Phi_{23}\ \Phi_{13}\ \Phi_{1}^2$
5965	300	924	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{924}\ \Phi_{132}\ \Phi_{33}$
5966	300	532	$\frac{1}{14}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{13}{28}$	$\Phi_{532}\ \Phi_{76}\ \Phi_{28}^2\ \Phi_{19}\ \Phi_{4}^2\ \Phi_{1}^2$
5967	300	420	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{420}^2\ \Phi_{140}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
5968	300	366	$\frac{5}{61}$	$\frac{1}{6}$	$\frac{11}{61}$	$\frac{28}{61}$	$\Phi_{366}\ \Phi_{183}\ \Phi_{122}$
5969	300	299	$\frac{25}{299}$	$\frac{49}{299}$	$\frac{54}{299}$	$\frac{137}{299}$	$\Phi_{299}\ \Phi_{23}\ \Phi_{13}\ \Phi_{1}^2$
5970	300	46	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{21}{46}$	$\Phi_{46}^{12}\ \Phi_{23}\ \Phi_{2}^{12}\ \Phi_{1}^2$
5971	300	404	$\frac{9}{101}$	$\frac{11}{101}$	$\frac{1}{4}$	$\frac{46}{101}$	$\Phi_{404}\ \Phi_{202}$
5972	300	297	$\frac{2}{27}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{297}\ \Phi_{99}\ \Phi_{27}^2\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{1}^2$
5973	300	396	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{36}$	$\frac{5}{11}$	$\Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{1}^2$
5974	300	308	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{308}\ \Phi_{154}\ \Phi_{77}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_{7}^2\ \Phi_{1}^2$
5975	300	352	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{5}{11}$	$\Phi_{352}\ \Phi_{176}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_{1}^2$
5976	300	66	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{66}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{11}^5\ \Phi_{6}^8\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^{10}$
5977	300	91	$\frac{1}{13}$	$\frac{9}{91}$	$\frac{4}{13}$	$\frac{41}{91}$	$\Phi_{91}^3\ \Phi_{13}^5\ \Phi_{7}^3\ \Phi_{1}^6$
5978	300	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^3\ \Phi_{36}^2\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
5979	300	261	$\frac{2}{29}$	$\frac{1}{9}$	$\frac{9}{29}$	$\frac{4}{9}$	$\Phi_{261}\ \Phi_{87}\ \Phi_{29}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
5980	300	396	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{22}^2$
5981	300	261	$\frac{1}{9}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{4}{9}$	$\Phi_{261}\ \Phi_{87}\ \Phi_{29}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
5982	300	126	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{126}^3\ \Phi_{63}^2\ \Phi_{42}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{7}^2$
5983	300	104	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{29}{104}$	$\frac{23}{52}$	$\Phi_{104}^4\ \Phi_{26}^4\ \Phi_{13}^3\ \Phi_{8}^4\ \Phi_{2}^4\ \Phi_{1}^4$
5984	300	299	$\frac{17}{299}$	$\frac{41}{299}$	$\frac{94}{299}$	$\frac{129}{299}$	$\Phi_{299}\ \Phi_{23}\ \Phi_{13}\ \Phi_{1}^2$
5985	300	299	$\frac{34}{299}$	$\frac{41}{299}$	$\frac{53}{299}$	$\frac{129}{299}$	$\Phi_{299}\ \Phi_{23}\ \Phi_{13}\ \Phi_{1}^2$
5986	300	112	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{112}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{2}^2$
5987	300	366	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{1}{6}$	$\frac{26}{61}$	$\Phi_{366}\ \Phi_{183}\ \Phi_{122}$
5988	300	26	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{3}{13}$	$\frac{11}{26}$	$\Phi_{26}^{20}\ \Phi_{13}^3\ \Phi_{2}^{20}\ \Phi_{1}^4$
5989	300	341	$\frac{1}{11}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	Φ_{341}
5990	300	299	$\frac{29}{299}$	$\frac{49}{299}$	$\frac{54}{299}$	$\frac{125}{299}$	$\Phi_{299}\ \Phi_{23}\ \Phi_{13}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
5991	300	299	$\frac{35}{299}$	$\frac{44}{299}$	$\frac{51}{299}$	$\frac{124}{299}$	$\Phi_{299}\ \Phi_{23}\ \Phi_{13}\ \Phi_1^2$
5992	300	119	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{119}^3\ \Phi_7^2$
5993	300	366	$\frac{6}{61}$	$\frac{1}{6}$	$\frac{11}{61}$	$\frac{25}{61}$	$\Phi_{366}\ \Phi_{183}\ \Phi_{122}$
5994	300	299	$\frac{24}{299}$	$\frac{55}{299}$	$\frac{59}{299}$	$\frac{122}{299}$	$\Phi_{299}\ \Phi_{23}\ \Phi_{13}\ \Phi_1^2$
5995	300	404	$\frac{6}{101}$	$\frac{19}{101}$	$\frac{1}{4}$	$\frac{41}{101}$	$\Phi_{404}\ \Phi_{202}$
5996	300	299	$\frac{14}{299}$	$\frac{57}{299}$	$\frac{89}{299}$	$\frac{121}{299}$	$\Phi_{299}\ \Phi_{23}\ \Phi_{13}\ \Phi_1^2$
5997	300	453	$\frac{6}{151}$	$\frac{29}{151}$	$\frac{1}{3}$	$\frac{61}{151}$	Φ_{453}
5998	300	390	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{390}\ \Phi_{195}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{30}\ \Phi_6^2$
5999	300	245	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{245}\ \Phi_{49}^2\ \Phi_{35}\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
6000	300	330	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2$
6001	300	140	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{28}^4\ \Phi_{20}^2\ \Phi_{14}^4\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
6002	300	26	$\frac{1}{26}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{26}^{12}\ \Phi_{13}^{11}\ \Phi_2^{12}\ \Phi_1^{12}$
6003	300	744	$\frac{1}{31}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{744}\ \Phi_{93}$
6004	300	472	$\frac{2}{59}$	$\frac{1}{4}$	$\frac{19}{59}$	$\frac{3}{8}$	$\Phi_{472}\ \Phi_{59}\ \Phi_8^2\ \Phi_1^2$
6005	300	168	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^3\ \Phi_{84}\ \Phi_{56}^3\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
6006	300	472	$\frac{3}{59}$	$\frac{14}{59}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{472}\ \Phi_{59}\ \Phi_8^2\ \Phi_1^2$
6007	300	80	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{80}^5\ \Phi_{40}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^4$
6008	300	472	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{472}\ \Phi_{59}\ \Phi_8^2\ \Phi_1^2$
6009	300	312	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^2\ \Phi_{104}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
6010	300	472	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{472}\ \Phi_{59}\ \Phi_8^2\ \Phi_1^2$
6011	300	616	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}\ \Phi_{77}$
6012	300	299	$\frac{19}{299}$	$\frac{56}{299}$	$\frac{81}{299}$	$\frac{109}{299}$	$\Phi_{299}\ \Phi_{23}\ \Phi_{13}\ \Phi_1^2$
6013	300	39	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{39}$	$\frac{14}{39}$	$\Phi_{39}^6\ \Phi_{13}^{11}\ \Phi_3^6\ \Phi_1^{12}$
6014	300	341	$\frac{1}{11}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	Φ_{341}
6015	300	23	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{7}{23}$	$\frac{8}{23}$	$\Phi_{23}^{13}\ \Phi_1^{14}$
6016	300	366	$\frac{4}{61}$	$\frac{1}{6}$	$\frac{19}{61}$	$\frac{21}{61}$	$\Phi_{366}\ \Phi_{183}\ \Phi_{122}$
6017	300	190	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{190}^3\ \Phi_{95}\ \Phi_{10}^3$
6018	300	299	$\frac{8}{299}$	$\frac{97}{299}$	$\frac{99}{299}$	$\frac{101}{299}$	$\Phi_{299}\ \Phi_{23}\ \Phi_{13}\ \Phi_1^2$
6019	300	453	$\frac{4}{151}$	$\frac{49}{151}$	$\frac{1}{3}$	$\frac{51}{151}$	Φ_{453}
6020	300	111	$\frac{1}{37}$	$\frac{12}{37}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{111}^2\ \Phi_{37}^4\ \Phi_3^3\ \Phi_1^6$
6021	300	156	$\frac{1}{26}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{156}^2\ \Phi_{78}\ \Phi_{52}^4\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
6022	300	111	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{111}^2\ \Phi_{37}^4\ \Phi_3^3\ \Phi_1^6$
6023	300	48	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{48}^7\ \Phi_{24}^7\ \Phi_{16}^6\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
6024	300	189	$\frac{2}{27}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{189}^2\ \Phi_{63}^2\ \Phi_{21}$
6025	300	174	$\frac{2}{29}$	$\frac{1}{6}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{174}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
6026	300	252	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{21}$
6027	300	453	$\frac{13}{151}$	$\frac{21}{151}$	$\frac{46}{151}$	$\frac{1}{3}$	Φ_{453}
6028	300	231	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{231}^2\ \Phi_{33}^3$
6029	300	297	$\frac{2}{27}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{297}\ \Phi_{99}\ \Phi_{27}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
6030	300	453	$\frac{11}{151}$	$\frac{28}{151}$	$\frac{41}{151}$	$\frac{1}{3}$	Φ_{453}
6031	300	432	$\frac{1}{16}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
6032	300	540	$\frac{2}{27}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{90}\ \Phi_{20}\ \Phi_{10}$
6033	300	588	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}\ \Phi_{294}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_{6}^2$
6034	300	132	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^3\ \Phi_{66}\ \Phi_{44}^4\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2$
6035	300	84	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^5\ \Phi_{42}^5\ \Phi_{21}^6\ \Phi_{12}^6\ \Phi_{6}^6\ \Phi_{3}^6$
6036	300	672	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{21}$
6037	300	174	$\frac{4}{29}$	$\frac{1}{6}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{174}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
6038	300	453	$\frac{21}{151}$	$\frac{25}{151}$	$\frac{26}{151}$	$\frac{1}{3}$	Φ_{453}
6039	300	42	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{42}^8\ \Phi_{21}^9\ \Phi_{14}^8\ \Phi_{7}^8$
6040	300	13	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{13}^{23}\ \Phi_{1}^{24}$
6041	300	396	$\frac{1}{12}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{11}{36}$	$\Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{1}^2$
6042	300	180	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{45}^3\ \Phi_{20}\ \Phi_{10}$
6043	300	133	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{2}{7}$	$\Phi_{133}^2\ \Phi_{19}^3\ \Phi_{7}^4\ \Phi_{1}^6$
6044	300	210	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^3$
6045	300	299	$\frac{43}{299}$	$\frac{47}{299}$	$\frac{64}{299}$	$\frac{84}{299}$	$\Phi_{299}\ \Phi_{23}\ \Phi_{13}\ \Phi_{1}^2$
6046	300	366	$\frac{10}{61}$	$\frac{1}{6}$	$\frac{11}{61}$	$\frac{17}{61}$	$\Phi_{366}\ \Phi_{183}\ \Phi_{122}$
6047	300	299	$\frac{49}{299}$	$\frac{50}{299}$	$\frac{54}{299}$	$\frac{83}{299}$	$\Phi_{299}\ \Phi_{23}\ \Phi_{13}\ \Phi_{1}^2$
6048	300	380	$\frac{11}{76}$	$\frac{13}{76}$	$\frac{1}{5}$	$\frac{21}{76}$	$\Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{20}\ \Phi_{10}$
6049	300	69	$\frac{3}{23}$	$\frac{4}{23}$	$\frac{5}{23}$	$\frac{19}{69}$	$\Phi_{69}^6\ \Phi_{23}\ \Phi_{3}^6\ \Phi_{1}^2$
6050	300	308	$\frac{3}{28}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{308}\ \Phi_{154}\ \Phi_{77}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_{7}^2\ \Phi_{1}^2$
6051	300	352	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{7}{32}$	$\frac{3}{11}$	$\Phi_{352}\ \Phi_{176}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_{1}^2$
6052	300	66	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{66}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{11}^5\ \Phi_{6}^8\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^{10}$
6053	300	299	$\frac{44}{299}$	$\frac{51}{299}$	$\frac{62}{299}$	$\frac{79}{299}$	$\Phi_{299}\ \Phi_{23}\ \Phi_{13}\ \Phi_{1}^2$
6054	300	366	$\frac{9}{61}$	$\frac{1}{6}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{366}\ \Phi_{183}\ \Phi_{122}$
6055	300	140	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{20}\ \Phi_{10}$
6056	300	160	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{160}^3\ \Phi_{80}^3\ \Phi_{20}\ \Phi_{10}$
6057	300	228	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{228}^2\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{19}\ \Phi_{12}^4\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
6058	300	404	$\frac{16}{101}$	$\frac{17}{101}$	$\frac{21}{101}$	$\frac{1}{4}$	$\Phi_{404}\ \Phi_{202}$
6059	300	60	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{60}^8\ \Phi_{30}^4\ \Phi_{20}^9\ \Phi_{15}^4\ \Phi_{10}^5\ \Phi_{5}^4$
6060	301	480	$\frac{1}{60}$	$\frac{61}{240}$	$\frac{179}{480}$	$\frac{59}{120}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
6061	301	592	$\frac{5}{296}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{291}{592}$	$\Phi_{592}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
6062	301	84	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{41}{84}$	$\Phi_{84}\ \Phi_{42}^6\ \Phi_{28}\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{12}^2\ \Phi_{7}^6\ \Phi_{6}^6\ \Phi_{4}^2\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^7$
6063	301	252	$\frac{1}{42}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{252}^3\ \Phi_{84}\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
6064	301	576	$\frac{13}{288}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{275}{576}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
6065	301	576	$\frac{13}{288}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{275}{576}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
6066	301	576	$\frac{13}{288}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{275}{576}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
6067	301	408	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{107}{408}$	$\frac{97}{204}$	$\Phi_{408}\ \Phi_{136}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
6068	301	80	$\frac{1}{20}$	$\frac{3}{40}$	$\frac{37}{80}$	$\frac{19}{40}$	$\Phi_{80}^7\ \Phi_{40}\ \Phi_{16}^7\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
6069	301	80	$\frac{3}{40}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{80}^7\ \Phi_{16}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
6070	301	432	$\frac{1}{12}$	$\frac{13}{144}$	$\frac{131}{432}$	$\frac{11}{24}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
6071	301	48	$\frac{1}{12}$	$\frac{5}{48}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{48}^6\ \Phi_{24}^7\ \Phi_{16}^6\ \Phi_{12}^6\ \Phi_8^7\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
6072	301	384	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{83}{384}$	$\frac{11}{24}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{24}\ \Phi_8\ \Phi_1$
6073	301	360	$\frac{1}{12}$	$\frac{59}{360}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
6074	301	540	$\frac{1}{15}$	$\frac{31}{270}$	$\frac{14}{45}$	$\frac{239}{540}$	$\Phi_{540}\ \Phi_{180}\ \Phi_{108}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
6075	301	76	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{4}$	$\frac{33}{76}$	$\Phi_{76}^3\ \Phi_{38}^5\ \Phi_{19}^5\ \Phi_4^2\ \Phi_2^4\ \Phi_1^5$
6076	301	60	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{17}{60}$	$\frac{13}{30}$	$\Phi_{60}^7\ \Phi_{20}^7\ \Phi_{15}^6\ \Phi_{12}^7\ \Phi_5^6\ \Phi_4^7\ \Phi_3^6\ \Phi_1^7$
6077	301	180	$\frac{2}{45}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{180}^3\ \Phi_{60}^3\ \Phi_{45}\ \Phi_{36}^3\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
6078	301	252	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{20}{63}$	$\frac{5}{12}$	$\Phi_{252}^3\ \Phi_{63}\ \Phi_{36}^3\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
6079	301	168	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{56}$	$\frac{5}{12}$	$\Phi_{168}^2\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
6080	301	48	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{48}^7\ \Phi_{24}^7\ \Phi_{16}^7\ \Phi_{12}^2\ \Phi_8^7\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
6081	301	588	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{588}\ \Phi_{196}\ \Phi_{49}\ \Phi_{12}\ \Phi_4\ \Phi_1$
6082	301	320	$\frac{19}{320}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
6083	301	48	$\frac{5}{48}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{48}^7\ \Phi_{24}^7\ \Phi_{16}^7\ \Phi_{12}^7\ \Phi_8^3\ \Phi_6^7\ \Phi_4^2\ \Phi_3^7\ \Phi_2^2\ \Phi_1^3$
6084	301	480	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{61}{240}$	$\frac{179}{480}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
6085	301	324	$\frac{23}{324}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
6086	301	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{264}\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
6087	301	360	$\frac{1}{15}$	$\frac{59}{360}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
6088	301	456	$\frac{3}{76}$	$\frac{1}{4}$	$\frac{73}{228}$	$\frac{155}{456}$	$\Phi_{456}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_8\ \Phi_1$
6089	301	45	$\frac{2}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{45}^7\ \Phi_{15}^7\ \Phi_9^5\ \Phi_5^7\ \Phi_3^6\ \Phi_1^7$
6090	301	63	$\frac{1}{21}$	$\frac{2}{9}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{63}^4\ \Phi_{21}^6\ \Phi_9^5\ \Phi_7^6\ \Phi_3^6\ \Phi_1^7$
6091	301	504	$\frac{1}{14}$	$\frac{2}{9}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{72}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
6092	301	144	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{144}^3\ \Phi_{72}^3\ \Phi_{48}\ \Phi_{36}^3\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
6093	301	441	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{441}\ \Phi_{49}\ \Phi_9\ \Phi_1$
6094	301	405	$\frac{1}{15}$	$\frac{31}{135}$	$\frac{104}{405}$	$\frac{14}{45}$	$\Phi_{405}\ \Phi_{81}\ \Phi_{45}\ \Phi_9\ \Phi_1$
6095	301	432	$\frac{13}{144}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{131}{432}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
6096	301	432	$\frac{13}{144}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{131}{432}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{16}\ \Phi_8\ \Phi_1$
6097	301	120	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{120}^4\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
6098	301	360	$\frac{59}{360}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
6099	301	48	$\frac{5}{48}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{48}^6\ \Phi_{24}^6\ \Phi_{16}^7\ \Phi_{12}^6\ \Phi_8^7\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
6100	301	384	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{83}{384}$	$\frac{1}{4}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
6101	302	888	$\frac{3}{148}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{145}{296}$	$\Phi_{888}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
6102	302	258	$\frac{1}{43}$	$\frac{22}{129}$	$\frac{107}{258}$	$\frac{21}{43}$	$\Phi_{258}^2\ \Phi_{86}^2\ \Phi_{43}\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
6103	302	294	$\frac{4}{147}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{143}{294}$	$\Phi_{294}^2\ \Phi_{98}^2\ \Phi_{42}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
6104	302	288	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{137}{288}$	$\Phi_{288}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
6105	302	280	$\frac{11}{140}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{129}{280}$	$\Phi_{280}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
6106	302	480	$\frac{9}{160}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
6107	302	798	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{1}{3}$	$\frac{115}{266}$	$\Phi_{798}\ \Phi_{114}\ \Phi_{57}\ \Phi_{42}\ \Phi_{6}$
6108	302	196	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{45}{196}$	$\frac{3}{7}$	$\Phi_{196}^2\ \Phi_{98}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
6109	302	168	$\frac{17}{168}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
6110	302	168	$\frac{17}{168}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^2$
6111	302	231	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{231}$	$\frac{80}{231}$	$\Phi_{231}\ \Phi_{77}^2\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}^2\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^2$
6112	302	228	$\frac{1}{38}$	$\frac{37}{114}$	$\frac{1}{3}$	$\frac{77}{228}$	$\Phi_{228}^2\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}^2$
6113	302	216	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{216}$	$\frac{1}{3}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
6114	302	168	$\frac{17}{168}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{7}^2\ \Phi_{6}$
6115	302	192	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{192}$	$\frac{1}{3}$	$\Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
6116	302	210	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{3}{14}$	$\frac{59}{210}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^2$
6117	303	396	$\frac{2}{99}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{97}{198}$	$\Phi_{396}\ \Phi_{132}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
6118	303	136	$\frac{1}{34}$	$\frac{1}{4}$	$\frac{35}{136}$	$\frac{33}{68}$	$\Phi_{136}^3\ \Phi_{68}^2\ \Phi_{34}\ \Phi_{17}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
6119	303	192	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{91}{192}$	$\Phi_{192}^3\ \Phi_{64}^3\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
6120	303	108	$\frac{7}{108}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{108}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_{9}^3\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
6121	303	340	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{1}{4}$	$\frac{69}{170}$	$\Phi_{340}\ \Phi_{85}\ \Phi_{68}^2\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
6122	303	105	$\frac{4}{105}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{105}^3\ \Phi_{35}^3\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_{7}^3\ \Phi_{5}^3\ \Phi_{3}\ \Phi_{1}^3$
6123	303	151	$\frac{4}{151}$	$\frac{49}{151}$	$\frac{50}{151}$	$\frac{51}{151}$	$\Phi_{151}^2\ \Phi_{1}^3$
6124	303	132	$\frac{2}{33}$	$\frac{31}{132}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
6125	303	108	$\frac{7}{108}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{108}^3\ \Phi_{54}^3\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{9}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
6126	303	144	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{43}{144}$	$\Phi_{144}^3\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_{9}^3\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
6127	303	120	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_{6}\ \Phi_{5}^3\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
6128	304	75	$\frac{1}{75}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{37}{75}$	$\Phi_{75}^4\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_{5}^4\ \Phi_{3}^5\ \Phi_{1}^6$
6129	304	303	$\frac{5}{303}$	$\frac{77}{303}$	$\frac{113}{303}$	$\frac{149}{303}$	$\Phi_{303}\ \Phi_{101}\ \Phi_{3}\ \Phi_{1}^2$
6130	304	51	$\frac{1}{51}$	$\frac{13}{51}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{51}^6\ \Phi_{17}^6\ \Phi_{3}^5\ \Phi_{1}^6$
6131	304	297	$\frac{7}{297}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{145}{297}$	$\Phi_{297}\ \Phi_{99}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
6132	304	259	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{18}{37}$	$\Phi_{259}\ \Phi_{37}^2\ \Phi_{7}^2\ \Phi_{1}^4$
6133	304	555	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{555}\ \Phi_{15}^2$
6134	304	101	$\frac{3}{101}$	$\frac{13}{101}$	$\frac{44}{101}$	$\frac{49}{101}$	$\Phi_{101}^3\ \Phi_{1}^4$
6135	304	101	$\frac{3}{101}$	$\frac{25}{101}$	$\frac{26}{101}$	$\frac{49}{101}$	$\Phi_{101}^3\ \Phi_{1}^4$
6136	304	385	$\frac{3}{77}$	$\frac{1}{5}$	$\frac{20}{77}$	$\frac{37}{77}$	$\Phi_{385}\ \Phi_{55}\ \Phi_{35}$
6137	304	303	$\frac{13}{303}$	$\frac{56}{303}$	$\frac{79}{303}$	$\frac{145}{303}$	$\Phi_{303}\ \Phi_{101}\ \Phi_{3}\ \Phi_{1}^2$
6138	304	153	$\frac{7}{153}$	$\frac{20}{153}$	$\frac{1}{3}$	$\frac{73}{153}$	$\Phi_{153}^2\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
6139	304	180	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{17}{36}$	$\Phi_{180}^3\ \Phi_{60}^3\ \Phi_{36}^4\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{5}\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{1}^2$
6140	304	36	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{36}^{16}\ \Phi_{12}^{16}\ \Phi_{9}^2\ \Phi_{4}^{16}\ \Phi_{3}\ \Phi_{1}^2$
6141	304	180	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{180}^3\ \Phi_{60}^3\ \Phi_{36}^4\ \Phi_{20}^3\ \Phi_{12}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{1}^4$
6142	304	255	$\frac{1}{17}$	$\frac{9}{85}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{255}^2\ \Phi_{51}\ \Phi_{15}^2$
6143	304	105	$\frac{1}{15}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{105}^3\ \Phi_{35}^3\ \Phi_{21}^4\ \Phi_{15}\ \Phi_{7}^4\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
6144	304	135	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{7}{15}$	$\Phi_{135}^3\ \Phi_{27}^4\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
6145	304	120	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{7}{15}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{8}^4\ \Phi_{5}\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
6146	304	234	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{234}^2\ \Phi_{117}\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{18}^2\ \Phi_{6}^2$
6147	304	35	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{16}{35}$	$\Phi_{35}^9\ \Phi_{7}^8\ \Phi_{5}^8\ \Phi_{1}^8$
6148	304	110	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{110}^4\ \Phi_{55}^3\ \Phi_{10}^4\ \Phi_{5}^2$
6149	304	81	$\frac{5}{81}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{81}^4\ \Phi_{27}^4\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
6150	304	102	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{1}{3}$	$\frac{15}{34}$	$\Phi_{102}^8\ \Phi_{51}\ \Phi_{6}^8$
6151	304	420	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{6}^2$
6152	304	105	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{105}^4\ \Phi_{35}^3\ \Phi_{15}^4\ \Phi_{5}^2$
6153	304	165	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{5}$	$\frac{14}{33}$	$\Phi_{165}^2\ \Phi_{55}^3\ \Phi_{15}^2\ \Phi_{5}^2$
6154	304	340	$\frac{1}{20}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}$
6155	304	544	$\frac{1}{17}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{544}\ \Phi_{68}\ \Phi_{34}$
6156	304	255	$\frac{2}{51}$	$\frac{49}{255}$	$\frac{1}{3}$	$\frac{103}{255}$	$\Phi_{255}\ \Phi_{85}\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
6157	304	303	$\frac{11}{303}$	$\frac{73}{303}$	$\frac{94}{303}$	$\frac{115}{303}$	$\Phi_{303}\ \Phi_{101}\ \Phi_{3}\ \Phi_{1}^2$
6158	304	153	$\frac{5}{153}$	$\frac{37}{153}$	$\frac{1}{3}$	$\frac{58}{153}$	$\Phi_{153}^2\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
6159	304	408	$\frac{1}{17}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
6160	304	510	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{510}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{34}$
6161	304	39	$\frac{1}{39}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{39}^8\ \Phi_{13}^8\ \Phi_{3}^5\ \Phi_{1}^6$
6162	304	225	$\frac{2}{75}$	$\frac{73}{225}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{225}^2\ \Phi_{45}^2\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
6163	304	75	$\frac{1}{25}$	$\frac{6}{25}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{75}^3\ \Phi_{25}^6\ \Phi_{15}^3\ \Phi_{5}^6\ \Phi_{3}^4\ \Phi_{1}^8$
6164	304	60	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{60}^4\ \Phi_{30}^4\ \Phi_{20}^8\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_{10}^8\ \Phi_{6}^4\ \Phi_{5}^6\ \Phi_{4}^8\ \Phi_{3}^4\ \Phi_{2}^8\ \Phi_{1}^8$
6165	304	45	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{45}^8\ \Phi_{15}^4\ \Phi_{9}^8\ \Phi_{5}^4\ \Phi_{3}^5\ \Phi_{1}^6$
6166	304	165	$\frac{13}{165}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_{3}\ \Phi_{1}^2$
6167	304	63	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{63}^6\ \Phi_{21}^4\ \Phi_{9}^2\ \Phi_{7}^4\ \Phi_{3}\ \Phi_{1}^2$
6168	304	27	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{27}^{16}\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
6169	304	81	$\frac{5}{81}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{81}^4\ \Phi_{27}^3\ \Phi_{9}^4\ \Phi_{3}^3\ \Phi_{1}^4$
6170	304	51	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{13}{51}$	$\frac{1}{3}$	$\Phi_{51}^5\ \Phi_{17}^8\ \Phi_{3}^4\ \Phi_{1}^8$
6171	304	99	$\frac{7}{99}$	$\frac{2}{9}$	$\frac{23}{99}$	$\frac{1}{3}$	$\Phi_{99}^3\ \Phi_{33}^3\ \Phi_{11}^3\ \Phi_{9}^4\ \Phi_{3}^3\ \Phi_{1}^4$
6172	304	45	$\frac{1}{9}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{45}^8\ \Phi_{15}^8\ \Phi_{9}^2\ \Phi_{5}^8\ \Phi_{3}\ \Phi_{1}^2$
6173	304	72	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{72}^6\ \Phi_{36}^6\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_{9}^2\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{1}^2$
6174	304	105	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^3\ \Phi_{35}^3\ \Phi_{21}^4\ \Phi_{7}^4\ \Phi_{5}^3\ \Phi_{1}^4$
6175	304	495	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{495}\ \Phi_{55}\ \Phi_{45}$
6176	304	135	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{135}^3\ \Phi_{27}^4\ \Phi_{5}^3\ \Phi_{1}^4$
6177	304	105	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\frac{29}{105}$	$\Phi_{105}^4\ \Phi_{35}\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_{3}^4$
6178	304	120	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{12}^4\ \Phi_{8}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{1}^4$
6179	305	120	$\frac{1}{60}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{59}{120}$	$\Phi_{120}\ \Phi_{60}^4\ \Phi_{40}\ \Phi_{30}^4\ \Phi_{24}\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{8}^2\ \Phi_{6}^4\ \Phi_{5}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
6180	305	576	$\frac{17}{288}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{271}{576}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
6181	305	576	$\frac{17}{288}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{271}{576}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
6182	305	384	$\frac{1}{16}$	$\frac{17}{96}$	$\frac{79}{384}$	$\frac{15}{32}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
6183	305	416	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{111}{416}$	$\frac{97}{208}$	$\Phi_{416}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
6184	305	352	$\frac{3}{44}$	$\frac{47}{352}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{352}\ \Phi_{176}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
6185	305	112	$\frac{5}{56}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{51}{112}$	$\Phi_{112}^5\ \Phi_{28}\ \Phi_{16}^5\ \Phi_{14}\ \Phi_7\ \Phi_1$
6186	305	336	$\frac{31}{336}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
6187	305	528	$\frac{3}{44}$	$\frac{41}{264}$	$\frac{1}{4}$	$\frac{223}{528}$	$\Phi_{528}\ \Phi_{176}\ \Phi_{48}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
6188	305	512	$\frac{1}{16}$	$\frac{49}{256}$	$\frac{15}{64}$	$\frac{207}{512}$	$\Phi_{512}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
6189	305	384	$\frac{1}{16}$	$\frac{79}{384}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
6190	305	504	$\frac{2}{63}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{504}\ \Phi_{168}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{21}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
6191	305	360	$\frac{1}{30}$	$\frac{1}{4}$	$\frac{29}{90}$	$\frac{3}{8}$	$\Phi_{360}^2\ \Phi_{90}\ \Phi_{72}^2\ \Phi_{45}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
6192	305	64	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{64}^5\ \Phi_{32}^5\ \Phi_{16}^5\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
6193	305	80	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{80}^5\ \Phi_{40}\ \Phi_{20}^4\ \Phi_{16}^5\ \Phi_{10}^4\ \Phi_8^2\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
6194	305	520	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}\ \Phi_{104}\ \Phi_{65}\ \Phi_{13}\ \Phi_8\ \Phi_1$
6195	305	600	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{600}\ \Phi_{200}\ \Phi_{75}\ \Phi_{25}\ \Phi_8\ \Phi_1$
6196	305	264	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^2\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
6197	305	72	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^5\ \Phi_{36}^5\ \Phi_{24}\ \Phi_{18}^5\ \Phi_{12}^4\ \Phi_9^5\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
6198	305	280	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^2\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{35}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
6199	305	96	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{13}{48}$	$\frac{35}{96}$	$\Phi_{96}^5\ \Phi_{32}^5\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
6200	305	336	$\frac{31}{336}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
6201	305	456	$\frac{1}{38}$	$\frac{37}{114}$	$\frac{151}{456}$	$\frac{77}{228}$	$\Phi_{456}\ \Phi_{152}\ \Phi_{114}\ \Phi_{57}\ \Phi_{24}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
6202	305	396	$\frac{3}{44}$	$\frac{91}{396}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
6203	305	432	$\frac{17}{144}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{127}{432}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
6204	305	72	$\frac{1}{8}$	$\frac{11}{72}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{72}^4\ \Phi_{36}^4\ \Phi_{24}^5\ \Phi_{18}^4\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^4\ \Phi_6^5\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
6205	305	384	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{79}{384}$	$\frac{7}{24}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
6206	305	84	$\frac{3}{28}$	$\frac{5}{28}$	$\frac{1}{4}$	$\frac{23}{84}$	$\Phi_{84}^5\ \Phi_{42}^5\ \Phi_{28}\ \Phi_{21}^5\ \Phi_{14}\ \Phi_{12}^5\ \Phi_7\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
6207	306	244	$\frac{1}{61}$	$\frac{31}{122}$	$\frac{91}{244}$	$\frac{30}{61}$	$\Phi_{244}^2\ \Phi_{61}\ \Phi_4^2\ \Phi_1^2$
6208	306	100	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{49}{100}$	$\Phi_{100}^6\ \Phi_{20}^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
6209	306	300	$\frac{1}{50}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{300}\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
6210	306	528	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{16}{33}$	$\Phi_{528}\ \Phi_{176}\ \Phi_{48}\ \Phi_{33}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
6211	306	132	$\frac{1}{33}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
6212	306	294	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{47}{98}$	$\Phi_{294}^3\ \Phi_{42}^3\ \Phi_{21}\ \Phi_6^3$
6213	306	305	$\frac{13}{305}$	$\frac{53}{305}$	$\frac{84}{305}$	$\frac{146}{305}$	$\Phi_{305}\ \Phi_{61}\ \Phi_5\ \Phi_1^2$
6214	306	528	$\frac{1}{22}$	$\frac{23}{176}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_6$
6215	306	412	$\frac{5}{103}$	$\frac{18}{103}$	$\frac{1}{4}$	$\frac{49}{103}$	$\Phi_{412}\ \Phi_{206}$
6216	306	544	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{8}{17}$	$\Phi_{544}\ \Phi_{32}^2\ \Phi_{17}\ \Phi_1^2$
6217	306	408	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{8}{17}$	$\Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
6218	306	340	$\frac{1}{17}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
6219	306	480	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{480}^2\ \Phi_{96}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
6220	306	544	$\frac{1}{16}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{15}{32}$	$\Phi_{544}\ \Phi_{32}^2\ \Phi_{17}\ \Phi_1^2$
6221	306	224	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{224}^3\ \Phi_{28}\ \Phi_{14}$
6222	306	858	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{133}{286}$	$\Phi_{858}\ \Phi_{78}\ \Phi_{66}\ \Phi_{33}\ \Phi_6$
6223	306	168	$\frac{1}{14}$	$\frac{5}{56}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{168}^3\ \Phi_{84}^2\ \Phi_{42}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
6224	306	840	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{3}$	$\frac{127}{280}$	$\Phi_{840}\ \Phi_{168}\ \Phi_{120}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{6}$
6225	306	144	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{144}^{4}\ \Phi_{48}^{3}\ \Phi_{18}^{2}\ \Phi_{16}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
6226	306	176	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{22}$	$\frac{7}{16}$	$\Phi_{176}^{3}\ \Phi_{22}^{2}\ \Phi_{16}^{4}\ \Phi_{11}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
6227	306	570	$\frac{1}{19}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{570}\ \Phi_{190}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
6228	306	30	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{30}^{8}\ \Phi_{15}^{10}\ \Phi_{10}^{12}\ \Phi_{6}^{8}\ \Phi_{5}^{13}\ \Phi_{3}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
6229	306	210	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{210}^{2}\ \Phi_{105}^{2}\ \Phi_{70}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{14}\ \Phi_{6}^{2}$
6230	306	264	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{1}{3}$	$\frac{37}{88}$	$\Phi_{264}^{3}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}^{3}\ \Phi_{6}$
6231	306	456	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{456}\ \Phi_{152}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
6232	306	61	$\frac{6}{61}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{25}{61}$	$\Phi_{61}^{5}\ \Phi_{1}^{6}$
6233	306	25	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{8}{25}$	$\frac{2}{5}$	$\Phi_{25}^{12}\ \Phi_{5}^{13}\ \Phi_{1}^{14}$
6234	306	160	$\frac{7}{160}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{160}^{2}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
6235	306	180	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{180}^{2}\ \Phi_{90}\ \Phi_{60}^{2}\ \Phi_{45}\ \Phi_{36}^{4}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
6236	306	200	$\frac{3}{50}$	$\frac{1}{5}$	$\frac{47}{200}$	$\frac{2}{5}$	$\Phi_{200}^{2}\ \Phi_{100}^{2}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
6237	306	55	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{55}^{6}\ \Phi_{11}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
6238	306	20	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{20}^{18}\ \Phi_{10}^{12}\ \Phi_{5}^{13}\ \Phi_{4}^{18}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
6239	306	175	$\frac{3}{25}$	$\frac{22}{175}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{175}^{2}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
6240	306	140	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{140}^{4}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{20}^{4}\ \Phi_{14}\ \Phi_{4}^{2}$
6241	306	305	$\frac{11}{305}$	$\frac{69}{305}$	$\frac{98}{305}$	$\frac{118}{305}$	$\Phi_{305}\ \Phi_{61}\ \Phi_{5}\ \Phi_{1}^{2}$
6242	306	56	$\frac{5}{56}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{56}^{5}\ \Phi_{28}^{6}\ \Phi_{14}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
6243	306	342	$\frac{1}{18}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
6244	306	182	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{182}^{3}\ \Phi_{91}\ \Phi_{14}^{3}$
6245	306	61	$\frac{4}{61}$	$\frac{10}{61}$	$\frac{19}{61}$	$\frac{21}{61}$	$\Phi_{61}^{5}\ \Phi_{1}^{6}$
6246	306	305	$\frac{14}{305}$	$\frac{67}{305}$	$\frac{97}{305}$	$\frac{104}{305}$	$\Phi_{305}\ \Phi_{61}\ \Phi_{5}\ \Phi_{1}^{2}$
6247	306	412	$\frac{4}{103}$	$\frac{1}{4}$	$\frac{33}{103}$	$\frac{35}{103}$	$\Phi_{412}\ \Phi_{206}$
6248	306	300	$\frac{1}{25}$	$\frac{1}{4}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{300}^{2}\ \Phi_{150}^{2}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
6249	306	66	$\frac{1}{22}$	$\frac{5}{22}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{66}^{7}\ \Phi_{33}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
6250	306	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{120}^{2}\ \Phi_{60}^{2}\ \Phi_{40}^{4}\ \Phi_{30}^{3}\ \Phi_{24}\ \Phi_{20}^{4}\ \Phi_{15}^{3}\ \Phi_{12}\ \Phi_{10}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
6251	306	168	$\frac{5}{56}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{168}^{3}\ \Phi_{84}^{3}\ \Phi_{42}^{3}\ \Phi_{24}^{3}\ \Phi_{21}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
6252	306	210	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{19}{70}$	$\frac{1}{3}$	$\Phi_{210}^{2}\ \Phi_{105}^{2}\ \Phi_{42}^{3}\ \Phi_{30}^{2}\ \Phi_{21}^{3}\ \Phi_{15}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
6253	306	36	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{36}^{8}\ \Phi_{18}^{10}\ \Phi_{12}^{6}\ \Phi_{9}^{10}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
6254	306	660	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{132}\ \Phi_{66}\ \Phi_{12}\ \Phi_{6}$
6255	306	60	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^{7}\ \Phi_{30}^{8}\ \Phi_{15}^{8}\ \Phi_{12}^{8}\ \Phi_{6}^{9}\ \Phi_{3}^{8}$
6256	306	66	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{66}^{9}\ \Phi_{33}^{5}\ \Phi_{6}^{9}\ \Phi_{3}^{4}$
6257	306	588	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{196}$	$\frac{1}{3}$	$\Phi_{588}\ \Phi_{294}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
6258	306	408	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{5}{17}$	$\Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}^{2}\ \Phi_{17}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
6259	306	340	$\frac{2}{17}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{20}^{2}\ \Phi_{17}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
6260	306	168	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{168}^{3}\ \Phi_{84}^{3}\ \Phi_{42}^{3}\ \Phi_{28}\ \Phi_{21}^{3}\ \Phi_{14}$
6261	306	90	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{90}^{5}\ \Phi_{45}^{4}\ \Phi_{18}^{5}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
6262	306	44	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{44}^6\ \Phi_{22}^8\ \Phi_{11}^7\ \Phi_4^8\ \Phi_2^{10}\ \Phi_1^{10}$
6263	306	140	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{28}\ \Phi_{14}$
6264	306	448	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{448}\ \Phi_{224}\ \Phi_{28}\ \Phi_{14}$
6265	307	600	$\frac{7}{300}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{293}{600}$	$\Phi_{600}\ \Phi_{200}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
6266	307	544	$\frac{1}{34}$	$\frac{35}{272}$	$\frac{237}{544}$	$\frac{33}{68}$	$\Phi_{544}\ \Phi_{68}\ \Phi_{32}\ \Phi_4\ \Phi_1$
6267	307	408	$\frac{1}{34}$	$\frac{101}{408}$	$\frac{35}{136}$	$\frac{33}{68}$	$\Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
6268	307	576	$\frac{1}{18}$	$\frac{19}{288}$	$\frac{269}{576}$	$\frac{17}{36}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
6269	307	432	$\frac{1}{18}$	$\frac{19}{144}$	$\frac{125}{432}$	$\frac{17}{36}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
6270	307	360	$\frac{1}{18}$	$\frac{53}{360}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
6271	307	576	$\frac{19}{288}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{269}{576}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
6272	307	378	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{71}{378}$	$\frac{55}{126}$	$\Phi_{378}\ \Phi_{189}\ \Phi_{63}\ \Phi_{54}\ \Phi_{27}\ \Phi_{21}\ \Phi_7\ \Phi_1$
6273	307	540	$\frac{1}{18}$	$\frac{37}{270}$	$\frac{17}{54}$	$\frac{233}{540}$	$\Phi_{540}\ \Phi_{180}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
6274	307	540	$\frac{1}{9}$	$\frac{37}{270}$	$\frac{8}{45}$	$\frac{233}{540}$	$\Phi_{540}\ \Phi_{180}\ \Phi_{108}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
6275	307	432	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{125}{432}$	$\frac{91}{216}$	$\Phi_{432}\ \Phi_{144}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
6276	307	360	$\frac{7}{60}$	$\frac{53}{360}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
6277	307	360	$\frac{1}{9}$	$\frac{53}{360}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
6278	307	336	$\frac{29}{336}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
6279	307	504	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{252}$	$\frac{197}{504}$	$\Phi_{504}\ \Phi_{168}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$
6280	307	468	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{73}{234}$	$\frac{161}{468}$	$\Phi_{468}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
6281	307	432	$\frac{19}{144}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{125}{432}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
6282	307	405	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{98}{405}$	$\frac{37}{135}$	$\Phi_{405}\ \Phi_{81}\ \Phi_{45}\ \Phi_{15}\ \Phi_5\ \Phi_1$
6283	307	360	$\frac{53}{360}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
6284	307	384	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{77}{384}$	$\frac{5}{24}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
6285	308	456	$\frac{1}{76}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{75}{152}$	$\Phi_{456}\ \Phi_{152}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
6286	308	516	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{21}{43}$	$\Phi_{516}\ \Phi_{172}\ \Phi_{43}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
6287	308	387	$\frac{1}{43}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{387}\ \Phi_{43}\ \Phi_9^2\ \Phi_1^2$
6288	308	150	$\frac{2}{75}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{150}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
6289	308	93	$\frac{1}{31}$	$\frac{16}{93}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{93}^3\ \Phi_{31}^4\ \Phi_3^2\ \Phi_1^4$
6290	308	540	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{13}{27}$	$\Phi_{540}\ \Phi_{180}\ \Phi_{108}\ \Phi_{60}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
6291	308	135	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{13}{27}$	$\Phi_{135}^2\ \Phi_{45}^2\ \Phi_{27}^3\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
6292	308	520	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{520}\ \Phi_{130}\ \Phi_{65}\ \Phi_{40}\ \Phi_{10}$
6293	308	273	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{10}{21}$	$\Phi_{273}\ \Phi_{91}\ \Phi_{39}\ \Phi_{21}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
6294	308	168	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
6295	308	307	$\frac{15}{307}$	$\frac{23}{307}$	$\frac{142}{307}$	$\frac{146}{307}$	$\Phi_{307}\ \Phi_1^2$
6296	308	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
6297	308	720	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{67}{144}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{80}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
6298	308	156	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
6299	308	182	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{6}{13}$	$\Phi_{182}^2\ \Phi_{91}\ \Phi_{26}^2\ \Phi_{14}^4\ \Phi_{13}^2\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
6300	308	307	$\frac{25}{307}$	$\frac{32}{307}$	$\frac{83}{307}$	$\frac{141}{307}$	$\Phi_{307}\ \Phi_1^2$
6301	308	465	$\frac{12}{155}$	$\frac{13}{155}$	$\frac{1}{3}$	$\frac{71}{155}$	$\Phi_{465}\ \Phi_{93}\ \Phi_{15}$
6302	308	60	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{60}^9\ \Phi_{20}^{10}\ \Phi_{15}^2\ \Phi_{12}^9\ \Phi_5^2\ \Phi_4^{10}\ \Phi_3\ \Phi_1^2$
6303	308	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{9}{20}$	$\Phi_{180}^3\ \Phi_{60}^3\ \Phi_{36}^3\ \Phi_{20}^4\ \Phi_{12}^3\ \Phi_9^3\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
6304	308	40	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{40}^9\ \Phi_{20}^5\ \Phi_{10}^9\ \Phi_8^8\ \Phi_5^8\ \Phi_4^4\ \Phi_2^8\ \Phi_1^8$
6305	308	348	$\frac{1}{12}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}$
6306	308	216	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}\ \Phi_{54}^2\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
6307	308	307	$\frac{20}{307}$	$\frac{41}{307}$	$\frac{87}{307}$	$\frac{133}{307}$	$\Phi_{307}\ \Phi_1^2$
6308	308	465	$\frac{8}{155}$	$\frac{21}{155}$	$\frac{1}{3}$	$\frac{67}{155}$	$\Phi_{465}\ \Phi_{93}\ \Phi_{15}$
6309	308	276	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{276}^2\ \Phi_{92}^2\ \Phi_{69}$
6310	308	516	$\frac{3}{43}$	$\frac{1}{6}$	$\frac{10}{43}$	$\frac{5}{12}$	$\Phi_{516}\ \Phi_{172}\ \Phi_{43}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
6311	308	60	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{60}^6\ \Phi_{30}^7\ \Phi_{20}^6\ \Phi_{15}^7\ \Phi_{10}^7\ \Phi_5^6$
6312	308	130	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{5}$	$\frac{53}{130}$	$\Phi_{130}^4\ \Phi_{65}\ \Phi_{26}^4\ \Phi_{10}^4\ \Phi_2^4$
6313	308	240	$\frac{3}{80}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
6314	308	230	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{230}^2\ \Phi_{115}\ \Phi_{46}^2$
6315	308	200	$\frac{3}{25}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{200}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
6316	308	522	$\frac{1}{29}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{522}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
6317	308	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{72}^5\ \Phi_{36}^5\ \Phi_{24}^5\ \Phi_{18}\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^4\ \Phi_6\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
6318	308	372	$\frac{1}{31}$	$\frac{15}{62}$	$\frac{1}{3}$	$\frac{47}{124}$	$\Phi_{372}^2\ \Phi_{93}\ \Phi_{12}^2$
6319	308	464	$\frac{1}{29}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{464}\ \Phi_{116}\ \Phi_{58}$
6320	308	114	$\frac{1}{38}$	$\frac{37}{114}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{114}^3\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
6321	308	240	$\frac{3}{80}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
6322	308	207	$\frac{1}{23}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{207}^2\ \Phi_{69}$
6323	308	285	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{285}\ \Phi_{95}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
6324	308	114	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
6325	308	24	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{24}^{15}\ \Phi_{12}^{11}\ \Phi_8^{14}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
6326	308	225	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{71}{225}$	$\frac{1}{3}$	$\Phi_{225}^2\ \Phi_{45}^2\ \Phi_{15}\ \Phi_9^2$
6327	308	504	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
6328	308	15	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{15}^{21}\ \Phi_5^{20}\ \Phi_3^{20}\ \Phi_1^{20}$
6329	308	387	$\frac{3}{43}$	$\frac{2}{9}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{387}\ \Phi_{43}\ \Phi_9^2\ \Phi_1^2$
6330	308	300	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{100}$	$\frac{1}{3}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
6331	308	180	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
6332	308	168	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{42}\ \Phi_{24}^4\ \Phi_{21}^2\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
6333	308	75	$\frac{3}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{75}^6\ \Phi_{15}^7\ \Phi_3^6$
6334	308	90	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{90}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_2^4$
6335	308	540	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{31}{108}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
6336	308	90	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{90}^3\ \Phi_{45}^3\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
6337	308	45	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{4}{15}$	$\Phi_{45}^6\ \Phi_{15}^7\ \Phi_9^9\ \Phi_5^6\ \Phi_3^{10}\ \Phi_1^{10}$
6338	308	120	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{40}\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
6339	308	480	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{80}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
6340	309	608	$\frac{5}{304}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{299}{608}$	$\Phi_{608}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
6341	309	176	$\frac{1}{44}$	$\frac{15}{88}$	$\frac{73}{176}$	$\frac{43}{88}$	$\Phi_{176}^3\ \Phi_{88}\ \Phi_{16}^3\ \Phi_{8}\ \Phi_{1}$
6342	309	416	$\frac{3}{104}$	$\frac{1}{4}$	$\frac{107}{416}$	$\frac{101}{208}$	$\Phi_{416}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
6343	309	200	$\frac{3}{100}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{97}{200}$	$\Phi_{200}^3\ \Phi_{40}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
6344	309	560	$\frac{1}{28}$	$\frac{29}{280}$	$\frac{251}{560}$	$\frac{27}{56}$	$\Phi_{560}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
6345	309	196	$\frac{5}{98}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{93}{196}$	$\Phi_{196}^3\ \Phi_{28}^3\ \Phi_{7}^2\ \Phi_{4}^3\ \Phi_{1}^3$
6346	309	140	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{37}{140}$	$\frac{33}{70}$	$\Phi_{140}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{7}^2\ \Phi_{5}^3\ \Phi_{4}^3\ \Phi_{1}^3$
6347	309	192	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{89}{192}$	$\Phi_{192}^3\ \Phi_{64}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
6348	309	126	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{23}{126}$	$\frac{19}{42}$	$\Phi_{126}^3\ \Phi_{63}^3\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_{9}^3\ \Phi_{7}^2\ \Phi_{3}^3\ \Phi_{1}^3$
6349	309	560	$\frac{29}{280}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{251}{560}$	$\Phi_{560}\ \Phi_{112}\ \Phi_{80}\ \Phi_{35}\ \Phi_{16}\ \Phi_{5}\ \Phi_{1}$
6350	309	112	$\frac{9}{112}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{112}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{8}^3\ \Phi_{7}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
6351	309	364	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{4}$	$\frac{79}{182}$	$\Phi_{364}\ \Phi_{91}\ \Phi_{52}^2\ \Phi_{28}\ \Phi_{26}\ \Phi_{13}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
6352	309	176	$\frac{1}{22}$	$\frac{15}{88}$	$\frac{7}{22}$	$\frac{73}{176}$	$\Phi_{176}^3\ \Phi_{22}^2\ \Phi_{16}^3\ \Phi_{11}^2\ \Phi_{2}^2\ \Phi_{1}^3$
6353	309	350	$\frac{41}{350}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{350}\ \Phi_{175}\ \Phi_{50}\ \Phi_{35}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}$
6354	309	520	$\frac{3}{52}$	$\frac{49}{260}$	$\frac{1}{4}$	$\frac{211}{520}$	$\Phi_{520}\ \Phi_{104}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
6355	309	440	$\frac{1}{22}$	$\frac{21}{110}$	$\frac{131}{440}$	$\frac{89}{220}$	$\Phi_{440}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
6356	309	168	$\frac{1}{28}$	$\frac{19}{84}$	$\frac{9}{28}$	$\frac{65}{168}$	$\Phi_{168}^3\ \Phi_{56}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{14}^2\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
6357	309	168	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{84}$	$\frac{65}{168}$	$\Phi_{168}^3\ \Phi_{56}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{3}^3\ \Phi_{1}^3$
6358	309	448	$\frac{1}{28}$	$\frac{27}{112}$	$\frac{139}{448}$	$\frac{85}{224}$	$\Phi_{448}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
6359	309	152	$\frac{5}{152}$	$\frac{1}{4}$	$\frac{49}{152}$	$\frac{3}{8}$	$\Phi_{152}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
6360	309	320	$\frac{11}{320}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
6361	309	112	$\frac{9}{112}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{112}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{16}^3\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{4}^3\ \Phi_{1}^3$
6362	309	132	$\frac{1}{22}$	$\frac{29}{132}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{132}^3\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_{6}^3\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
6363	309	156	$\frac{1}{26}$	$\frac{1}{4}$	$\frac{25}{78}$	$\frac{53}{156}$	$\Phi_{156}\ \Phi_{78}^2\ \Phi_{52}^3\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_{12}\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^3$
6364	309	147	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{44}{147}$	$\Phi_{147}^3\ \Phi_{21}^3\ \Phi_{7}^2\ \Phi_{3}^3\ \Phi_{1}^3$
6365	309	120	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_{8}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
6366	309	144	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{4}$	$\frac{41}{144}$	$\Phi_{144}^3\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{9}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
6367	309	140	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{140}$	$\frac{37}{140}$	$\Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{7}^2\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
6368	309	120	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
6369	309	128	$\frac{1}{8}$	$\frac{25}{128}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{128}^3\ \Phi_{64}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
6370	310	306	$\frac{2}{153}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{151}{306}$	$\Phi_{306}^2\ \Phi_{102}^2\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
6371	310	488	$\frac{1}{61}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{30}{61}$	$\Phi_{488}\ \Phi_{61}\ \Phi_{8}^2\ \Phi_{1}^2$
6372	310	624	$\frac{1}{52}$	$\frac{53}{208}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{624}\ \Phi_{156}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{12}\ \Phi_{6}$
6373	310	912	$\frac{3}{152}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{149}{304}$	$\Phi_{912}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
6374	310	180	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{29}{60}$	$\Phi_{180}^3\ \Phi_{60}^4\ \Phi_{36}^3\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_{9}\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{1}^2$
6375	310	60	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{60}^{10}\ \Phi_{20}^{10}\ \Phi_{12}^{10}\ \Phi_{6}^2\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
6376	310	42	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{42}^7\ \Phi_{21}^8\ \Phi_{14}^7\ \Phi_{7}^8\ \Phi_{6}^6\ \Phi_{3}^7\ \Phi_{2}^6\ \Phi_{1}^8$
6377	310	288	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{133}{288}$	$\Phi_{288}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
6378	310	168	$\frac{13}{168}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
6379	310	858	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{3}$	$\frac{131}{286}$	$\Phi_{858}\ \Phi_{78}\ \Phi_{66}\ \Phi_{39}\ \Phi_6$
6380	310	616	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{616}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
6381	310	168	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{25}{56}$	$\Phi_{168}^4\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{14}\ \Phi_8^2$
6382	310	99	$\frac{2}{33}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{99}^3\ \Phi_{33}^4\ \Phi_{11}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
6383	310	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{14}{45}$	$\frac{4}{9}$	$\Phi_{45}^7\ \Phi_{15}^6\ \Phi_9^8\ \Phi_5^6\ \Phi_3^7\ \Phi_1^8$
6384	310	360	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{40}$	$\frac{4}{9}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
6385	310	315	$\frac{1}{9}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{63}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
6386	310	36	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{36}^{10}\ \Phi_{18}^7\ \Phi_{12}^{10}\ \Phi_9^8\ \Phi_6^6\ \Phi_4^{10}\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
6387	310	273	$\frac{2}{39}$	$\frac{37}{273}$	$\frac{1}{3}$	$\frac{118}{273}$	$\Phi_{273}\ \Phi_{91}\ \Phi_{39}^2\ \Phi_{21}\ \Phi_{13}^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
6388	310	210	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{10}^2$
6389	310	54	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{6}$	$\frac{23}{54}$	$\Phi_{54}^4\ \Phi_{27}^6\ \Phi_{18}^7\ \Phi_9^8\ \Phi_6^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
6390	310	156	$\frac{1}{26}$	$\frac{5}{26}$	$\frac{1}{3}$	$\frac{21}{52}$	$\Phi_{156}^5\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}^5\ \Phi_6$
6391	310	96	$\frac{1}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{96}^5\ \Phi_{48}^5\ \Phi_{24}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
6392	310	528	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{528}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
6393	310	234	$\frac{1}{39}$	$\frac{38}{117}$	$\frac{1}{3}$	$\frac{79}{234}$	$\Phi_{234}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
6394	310	204	$\frac{2}{51}$	$\frac{49}{204}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
6395	310	162	$\frac{7}{162}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{162}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
6396	310	66	$\frac{2}{33}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{66}^6\ \Phi_{33}^4\ \Phi_{22}^6\ \Phi_{11}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
6397	310	228	$\frac{3}{76}$	$\frac{1}{4}$	$\frac{73}{228}$	$\frac{1}{3}$	$\Phi_{228}\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
6398	310	90	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{90}^6\ \Phi_{45}^4\ \Phi_{18}^6\ \Phi_9^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
6399	310	36	$\frac{1}{12}$	$\frac{5}{36}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{36}^8\ \Phi_{18}^8\ \Phi_{12}^{10}\ \Phi_9^8\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
6400	310	216	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{216}$	$\frac{1}{3}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
6401	310	192	$\frac{1}{12}$	$\frac{37}{192}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
6402	310	120	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{40}^4\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{12}^3\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
6403	310	210	$\frac{4}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
6404	310	150	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{150}^3\ \Phi_{75}^2\ \Phi_{50}^3\ \Phi_{25}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
6405	310	36	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{36}^{10}\ \Phi_{18}^{10}\ \Phi_{12}^{10}\ \Phi_9^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
6406	310	162	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{162}^3\ \Phi_{81}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
6407	310	42	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{42}^7\ \Phi_{21}^7\ \Phi_{14}^9\ \Phi_7^8\ \Phi_6^6\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
6408	311	496	$\frac{1}{62}$	$\frac{63}{248}$	$\frac{185}{496}$	$\frac{61}{124}$	$\Phi_{496}\ \Phi_{124}\ \Phi_{16}\ \Phi_4\ \Phi_1$
6409	311	600	$\frac{11}{300}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{289}{600}$	$\Phi_{600}\ \Phi_{200}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
6410	311	600	$\frac{11}{300}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{289}{600}$	$\Phi_{600}\ \Phi_{200}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
6411	311	420	$\frac{4}{105}$	$\frac{1}{5}$	$\frac{109}{420}$	$\frac{101}{210}$	$\Phi_{420}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_3\ \Phi_1$
6412	311	360	$\frac{4}{45}$	$\frac{49}{360}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
6413	311	400	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{89}{400}$	$\frac{9}{20}$	$\Phi_{400}\ \Phi_{200}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
6414	311	360	$\frac{1}{10}$	$\frac{49}{360}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
6415	311	560	$\frac{1}{10}$	$\frac{31}{280}$	$\frac{9}{40}$	$\frac{249}{560}$	$\Phi_{560}\ \Phi_{112}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
6416	311	560	$\frac{31}{280}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{249}{560}$	$\Phi_{560}\ \Phi_{112}\ \Phi_{80}\ \Phi_{35}\ \Phi_{16}\ \Phi_{7}\ \Phi_{1}$
6417	311	350	$\frac{39}{350}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{350}\ \Phi_{175}\ \Phi_{50}\ \Phi_{35}\ \Phi_{25}\ \Phi_{7}\ \Phi_{1}$
6418	311	540	$\frac{4}{45}$	$\frac{41}{270}$	$\frac{1}{5}$	$\frac{229}{540}$	$\Phi_{540}\ \Phi_{180}\ \Phi_{108}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
6419	311	330	$\frac{19}{330}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}$
6420	311	480	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{240}$	$\frac{169}{480}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
6421	311	450	$\frac{11}{150}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{139}{450}$	$\Phi_{450}\ \Phi_{225}\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
6422	311	405	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{94}{405}$	$\frac{41}{135}$	$\Phi_{405}\ \Phi_{81}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
6423	311	360	$\frac{49}{360}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
6424	311	375	$\frac{11}{75}$	$\frac{64}{375}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{375}\ \Phi_{125}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
6425	311	420	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{140}$	$\frac{109}{420}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
6426	312	231	$\frac{1}{77}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{38}{77}$	$\Phi_{231}\ \Phi_{77}^2\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
6427	312	311	$\frac{5}{311}$	$\frac{79}{311}$	$\frac{116}{311}$	$\frac{153}{311}$	$\Phi_{311}\ \Phi_{1}^2$
6428	312	471	$\frac{3}{157}$	$\frac{40}{157}$	$\frac{1}{3}$	$\frac{77}{157}$	Φ_{471}
6429	312	255	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{25}{51}$	$\Phi_{255}\ \Phi_{85}\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_{15}\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
6430	312	204	$\frac{1}{51}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
6431	312	311	$\frac{7}{311}$	$\frac{53}{311}$	$\frac{129}{311}$	$\frac{152}{311}$	$\Phi_{311}\ \Phi_{1}^2$
6432	312	532	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{37}{76}$	$\Phi_{532}\ \Phi_{76}^2\ \Phi_{28}\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
6433	312	1140	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{1140}\ \Phi_{60}\ \Phi_{15}$
6434	312	140	$\frac{1}{35}$	$\frac{1}{4}$	$\frac{9}{35}$	$\frac{17}{35}$	$\Phi_{140}^3\ \Phi_{70}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_{4}^2\ \Phi_{2}^2$
6435	312	311	$\frac{9}{311}$	$\frac{77}{311}$	$\frac{80}{311}$	$\frac{151}{311}$	$\Phi_{311}\ \Phi_{1}^2$
6436	312	471	$\frac{5}{157}$	$\frac{27}{157}$	$\frac{1}{3}$	$\frac{76}{157}$	Φ_{471}
6437	312	275	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{12}{25}$	$\Phi_{275}\ \Phi_{55}\ \Phi_{25}^2\ \Phi_{11}^2\ \Phi_{5}^2\ \Phi_{1}^4$
6438	312	525	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{525}\ \Phi_{105}\ \Phi_{21}^2$
6439	312	275	$\frac{1}{25}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{12}{25}$	$\Phi_{275}\ \Phi_{55}\ \Phi_{25}^2\ \Phi_{11}^2\ \Phi_{5}^2\ \Phi_{1}^4$
6440	312	100	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{100}^4\ \Phi_{50}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_{4}^4\ \Phi_{2}^4$
6441	312	311	$\frac{13}{311}$	$\frac{27}{311}$	$\frac{142}{311}$	$\frac{149}{311}$	$\Phi_{311}\ \Phi_{1}^2$
6442	312	552	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{11}{23}$	$\Phi_{552}\ \Phi_{184}\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{8}^2\ \Phi_{1}^2$
6443	312	345	$\frac{1}{23}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{345}\ \Phi_{115}\ \Phi_{23}\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{1}^2$
6444	312	414	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{11}{23}$	$\Phi_{414}\ \Phi_{207}\ \Phi_{23}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{1}^2$
6445	312	368	$\frac{1}{23}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{368}\ \Phi_{184}\ \Phi_{23}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
6446	312	252	$\frac{1}{21}$	$\frac{11}{63}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{18}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
6447	312	311	$\frac{17}{311}$	$\frac{41}{311}$	$\frac{90}{311}$	$\frac{147}{311}$	$\Phi_{311}\ \Phi_{1}^2$
6448	312	371	$\frac{3}{53}$	$\frac{1}{7}$	$\frac{14}{53}$	$\frac{25}{53}$	Φ_{371}
6449	312	311	$\frac{19}{311}$	$\frac{55}{311}$	$\frac{64}{311}$	$\frac{146}{311}$	$\Phi_{311}\ \Phi_{1}^2$
6450	312	196	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{23}{49}$	$\Phi_{196}^2\ \Phi_{98}^2\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{4}^2\ \Phi_{2}^2$
6451	312	395	$\frac{5}{79}$	$\frac{14}{79}$	$\frac{1}{5}$	$\frac{37}{79}$	Φ_{395}
6452	312	60	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{60}^7\ \Phi_{30}^7\ \Phi_{20}^7\ \Phi_{12}^7\ \Phi_{10}^7\ \Phi_{6}^7\ \Phi_{4}^6\ \Phi_{2}^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
6453	312	311	$\frac{21}{311}$	$\frac{38}{311}$	$\frac{83}{311}$	$\frac{145}{311}$	$\Phi_{311}\ \Phi_1^2$
6454	312	471	$\frac{11}{157}$	$\frac{14}{157}$	$\frac{1}{3}$	$\frac{73}{157}$	Φ_{471}
6455	312	312	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{312}^2\ \Phi_{104}^2\ \Phi_{39}$
6456	312	552	$\frac{1}{12}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{11}{24}$	$\Phi_{552}\ \Phi_{184}\ \Phi_{24}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_1^2$
6457	312	72	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{72}^9\ \Phi_{36}\ \Phi_{24}^6\ \Phi_{18}\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
6458	312	552	$\frac{1}{12}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{11}{24}$	$\Phi_{552}\ \Phi_{184}\ \Phi_{24}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_1^2$
6459	312	840	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{35}$
6460	312	462	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{462}\ \Phi_{231}\ \Phi_{66}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
6461	312	165	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{165}^2\ \Phi_{55}\ \Phi_{33}^2\ \Phi_{15}^4\ \Phi_{11}^2\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
6462	312	234	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{234}^2\ \Phi_{117}\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{26}^2$
6463	312	630	$\frac{1}{9}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{630}\ \Phi_{210}\ \Phi_{126}\ \Phi_{90}\ \Phi_{45}\ \Phi_{42}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
6464	312	350	$\frac{1}{14}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{350}\ \Phi_{175}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{10}$
6465	312	144	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{144}^2\ \Phi_{72}^3\ \Phi_{48}^2\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
6466	312	133	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{6}{19}$	$\frac{3}{7}$	$\Phi_{133}^2\ \Phi_{19}^4\ \Phi_7^3\ \Phi_1^6$
6467	312	28	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{28}^{15}\ \Phi_{14}^7\ \Phi_7^8\ \Phi_4^{14}\ \Phi_2^6\ \Phi_1^8$
6468	312	180	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{1}{4}$	$\frac{19}{45}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
6469	312	311	$\frac{17}{311}$	$\frac{49}{311}$	$\frac{90}{311}$	$\frac{131}{311}$	$\Phi_{311}\ \Phi_1^2$
6470	312	471	$\frac{7}{157}$	$\frac{25}{157}$	$\frac{1}{3}$	$\frac{66}{157}$	Φ_{471}
6471	312	311	$\frac{14}{311}$	$\frac{53}{311}$	$\frac{99}{311}$	$\frac{129}{311}$	$\Phi_{311}\ \Phi_1^2$
6472	312	135	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{135}^2\ \Phi_{45}^2\ \Phi_{27}^4\ \Phi_{15}\ \Phi_9^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
6473	312	220	$\frac{3}{55}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{220}^2\ \Phi_{110}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{20}\ \Phi_{10}$
6474	312	85	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{4}{17}$	$\frac{2}{5}$	$\Phi_{85}^3\ \Phi_{17}^6\ \Phi_5^4\ \Phi_1^8$
6475	312	70	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{70}^5\ \Phi_{35}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_7^4\ \Phi_2^4$
6476	312	576	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
6477	312	351	$\frac{1}{27}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{351}\ \Phi_{117}\ \Phi_{39}$
6478	312	311	$\frac{19}{311}$	$\frac{64}{311}$	$\frac{73}{311}$	$\frac{119}{311}$	$\Phi_{311}\ \Phi_1^2$
6479	312	84	$\frac{1}{21}$	$\frac{5}{21}$	$\frac{1}{4}$	$\frac{8}{21}$	$\Phi_{84}^5\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_6^5\ \Phi_4^4\ \Phi_2^4$
6480	312	311	$\frac{15}{311}$	$\frac{74}{311}$	$\frac{79}{311}$	$\frac{116}{311}$	$\Phi_{311}\ \Phi_1^2$
6481	312	350	$\frac{1}{14}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{350}\ \Phi_{175}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{10}$
6482	312	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{180}^3\ \Phi_{90}\ \Phi_{60}^3\ \Phi_{45}\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^3\ \Phi_6$
6483	312	311	$\frac{20}{311}$	$\frac{51}{311}$	$\frac{97}{311}$	$\frac{107}{311}$	$\Phi_{311}\ \Phi_1^2$
6484	312	395	$\frac{4}{79}$	$\frac{1}{5}$	$\frac{25}{79}$	$\frac{27}{79}$	Φ_{395}
6485	312	311	$\frac{8}{311}$	$\frac{101}{311}$	$\frac{103}{311}$	$\frac{105}{311}$	$\Phi_{311}\ \Phi_1^2$
6486	312	471	$\frac{4}{157}$	$\frac{51}{157}$	$\frac{1}{3}$	$\frac{53}{157}$	Φ_{471}
6487	312	120	$\frac{1}{40}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{40}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
6488	312	231	$\frac{2}{77}$	$\frac{25}{77}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}\ \Phi_{77}^2\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
6489	312	108	$\frac{1}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{108}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
6490	312	231	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}\ \Phi_{77}^2\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
6491	312	42	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{42}^6\ \Phi_{21}^5\ \Phi_{14}^{12}\ \Phi_7^{10}\ \Phi_6^6\ \Phi_3^6\ \Phi_2^{12}\ \Phi_1^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
6492	312	195	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^2\ \Phi_{65}^2\ \Phi_{39}$
6493	312	132	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^4\ \Phi_{33}\ \Phi_{22}^4\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
6494	312	612	$\frac{2}{51}$	$\frac{1}{4}$	$\frac{49}{153}$	$\frac{1}{3}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
6495	312	285	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{285}^2\ \Phi_{15}^3$
6496	312	471	$\frac{10}{157}$	$\frac{27}{157}$	$\frac{49}{157}$	$\frac{1}{3}$	Φ_{471}
6497	312	345	$\frac{2}{23}$	$\frac{2}{15}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{345}\ \Phi_{115}\ \Phi_{23}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
6498	312	234	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{234}^2\ \Phi_{117}^2\ \Phi_{39}$
6499	312	462	$\frac{1}{14}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{462}\ \Phi_{231}\ \Phi_{66}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
6500	312	471	$\frac{9}{157}$	$\frac{37}{157}$	$\frac{40}{157}$	$\frac{1}{3}$	Φ_{471}
6501	312	204	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^3\ \Phi_{102}^3\ \Phi_{12}^4\ \Phi_6^4$
6502	312	420	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}\ \Phi_{105}\ \Phi_{60}\ \Phi_{15}$
6503	312	624	$\frac{1}{13}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{39}$
6504	312	180	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
6505	312	345	$\frac{3}{23}$	$\frac{2}{15}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{345}\ \Phi_{115}\ \Phi_{23}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
6506	312	105	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^3\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_7^4$
6507	312	540	$\frac{1}{15}$	$\frac{31}{135}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
6508	312	300	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{23}{75}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6^2$
6509	312	414	$\frac{2}{23}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{7}{23}$	$\Phi_{414}\ \Phi_{207}\ \Phi_{23}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
6510	312	368	$\frac{2}{23}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{368}\ \Phi_{184}\ \Phi_{23}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
6511	312	588	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{43}{147}$	$\Phi_{588}\ \Phi_{294}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
6512	312	36	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{36}^{11}\ \Phi_{18}^6\ \Phi_{12}^{13}\ \Phi_9^5\ \Phi_6^7\ \Phi_4^{12}\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
6513	312	414	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{5}{23}$	$\frac{5}{18}$	$\Phi_{414}\ \Phi_{207}\ \Phi_{23}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
6514	312	630	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{35}$
6515	312	165	$\frac{2}{15}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{165}^2\ \Phi_{55}\ \Phi_{33}^2\ \Phi_{15}^4\ \Phi_{11}^2\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
6516	312	144	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{144}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
6517	312	368	$\frac{3}{23}$	$\frac{3}{16}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{368}\ \Phi_{184}\ \Phi_{23}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
6518	312	60	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{60}^8\ \Phi_{30}^8\ \Phi_{20}^5\ \Phi_{12}^8\ \Phi_{10}^5\ \Phi_6^8\ \Phi_4^4\ \Phi_2^4$
6519	312	560	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{35}$
6520	312	500	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{500}\ \Phi_{250}\ \Phi_{20}\ \Phi_{10}$
6521	313	420	$\frac{2}{105}$	$\frac{107}{420}$	$\frac{1}{3}$	$\frac{103}{210}$	$\Phi_{420}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
6522	313	612	$\frac{7}{306}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{299}{612}$	$\Phi_{612}\ \Phi_{204}\ \Phi_{68}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
6523	313	608	$\frac{9}{304}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{295}{608}$	$\Phi_{608}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
6524	313	378	$\frac{2}{63}$	$\frac{65}{378}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{378}\ \Phi_{189}\ \Phi_{63}\ \Phi_{54}\ \Phi_{27}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$
6525	313	576	$\frac{1}{24}$	$\frac{25}{288}$	$\frac{263}{576}$	$\frac{23}{48}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
6526	313	432	$\frac{1}{24}$	$\frac{25}{144}$	$\frac{119}{432}$	$\frac{23}{48}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
6527	313	384	$\frac{1}{24}$	$\frac{71}{384}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
6528	313	600	$\frac{13}{300}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{287}{600}$	$\Phi_{600}\ \Phi_{200}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
6529	313	360	$\frac{2}{45}$	$\frac{47}{360}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
6530	313	588	$\frac{19}{294}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{275}{588}$	$\Phi_{588}\ \Phi_{196}\ \Phi_{84}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
6531	313	576	$\frac{1}{12}$	$\frac{25}{288}$	$\frac{11}{36}$	$\frac{263}{576}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
6532	313	576	$\frac{25}{288}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{263}{576}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
6533	313	336	$\frac{23}{336}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
6534	313	432	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{119}{432}$	$\frac{97}{216}$	$\Phi_{432}\ \Phi_{144}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
6535	313	384	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{71}{384}$	$\frac{57}{128}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
6536	313	560	$\frac{33}{280}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{247}{560}$	$\Phi_{560}\ \Phi_{112}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
6537	313	330	$\frac{17}{330}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}$
6538	313	540	$\frac{2}{45}$	$\frac{43}{270}$	$\frac{1}{3}$	$\frac{227}{540}$	$\Phi_{540}\ \Phi_{180}\ \Phi_{108}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
6539	313	390	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{77}{390}$	$\frac{53}{130}$	$\Phi_{390}\ \Phi_{195}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
6540	313	520	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{260}$	$\frac{207}{520}$	$\Phi_{520}\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
6541	313	324	$\frac{11}{324}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
6542	313	512	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{256}$	$\frac{199}{512}$	$\Phi_{512}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
6543	313	504	$\frac{2}{63}$	$\frac{61}{252}$	$\frac{1}{3}$	$\frac{191}{504}$	$\Phi_{504}\ \Phi_{168}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{24}\ \Phi_{21}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
6544	313	480	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{240}$	$\frac{167}{480}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
6545	313	360	$\frac{1}{12}$	$\frac{47}{360}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
6546	313	468	$\frac{1}{39}$	$\frac{38}{117}$	$\frac{155}{468}$	$\frac{79}{234}$	$\Phi_{468}\ \Phi_{156}\ \Phi_{117}\ \Phi_{52}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
6547	313	405	$\frac{2}{45}$	$\frac{92}{405}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{405}\ \Phi_{81}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
6548	313	459	$\frac{7}{153}$	$\frac{2}{9}$	$\frac{146}{459}$	$\frac{1}{3}$	$\Phi_{459}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
6549	313	450	$\frac{13}{150}$	$\frac{2}{15}$	$\frac{137}{450}$	$\frac{1}{3}$	$\Phi_{450}\ \Phi_{225}\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
6550	313	441	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{128}{441}$	$\frac{1}{3}$	$\Phi_{441}\ \Phi_{63}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
6551	313	360	$\frac{47}{360}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
6552	313	375	$\frac{2}{15}$	$\frac{62}{375}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{375}\ \Phi_{125}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
6553	313	432	$\frac{1}{12}$	$\frac{25}{144}$	$\frac{119}{432}$	$\frac{11}{36}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
6554	313	384	$\frac{1}{8}$	$\frac{71}{384}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
6555	315	248	$\frac{1}{62}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{61}{124}$	$\Phi_{248}^2\ \Phi_{124}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
6556	315	264	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{43}{88}$	$\Phi_{264}^2\ \Phi_{88}^3\ \Phi_{24}^2\ \Phi_{12}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
6557	315	792	$\frac{1}{44}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{792}\ \Phi_{88}\ \Phi_{72}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
6558	315	272	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{33}{68}$	$\Phi_{272}^2\ \Phi_{68}\ \Phi_{16}^3\ \Phi_{4}\ \Phi_{1}$
6559	315	68	$\frac{1}{34}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{68}^5\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_{4}^7\ \Phi_{2}^6\ \Phi_{1}^7$
6560	315	280	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{19}{40}$	$\Phi_{280}^2\ \Phi_{56}^2\ \Phi_{40}^3\ \Phi_{28}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
6561	315	280	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{19}{40}$	$\Phi_{280}^2\ \Phi_{56}^2\ \Phi_{40}^3\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{1}^3$
6562	315	120	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{120}^6\ \Phi_{40}^3\ \Phi_{24}^6\ \Phi_{12}^2\ \Phi_{8}^3\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
6563	315	330	$\frac{2}{33}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
6564	315	140	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{13}{28}$	$\Phi_{140}^4\ \Phi_{28}^5\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^5\ \Phi_{2}^2\ \Phi_{1}^3$
6565	315	56	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{56}^6\ \Phi_{28}^5\ \Phi_{14}^4\ \Phi_{8}^9\ \Phi_{7}^4\ \Phi_{4}^7\ \Phi_{2}^6\ \Phi_{1}^7$
6566	315	700	$\frac{1}{14}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{700}\ \Phi_{100}\ \Phi_{28}\ \Phi_{25}\ \Phi_{4}\ \Phi_{1}$
6567	315	240	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{240}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
6568	315	320	$\frac{3}{32}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{320}^2\ \Phi_{64}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
6569	315	816	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{16}{51}$	$\frac{7}{16}$	$\Phi_{816}\ \Phi_{51}\ \Phi_{48}\ \Phi_{16}\ \Phi_3\ \Phi_1$
6570	315	272	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{3}{17}$	$\frac{7}{16}$	$\Phi_{272}^2\ \Phi_{17}^2\ \Phi_{16}^3\ \Phi_1^3$
6571	315	48	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{48}^{14}\ \Phi_{24}^2\ \Phi_{16}^7\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
6572	315	132	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{7}{22}$	$\frac{5}{12}$	$\Phi_{132}^4\ \Phi_{44}^4\ \Phi_{22}^2\ \Phi_{12}^5\ \Phi_{11}^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
6573	315	48	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{48}^6\ \Phi_{24}^6\ \Phi_{16}^9\ \Phi_{12}^5\ \Phi_8^9\ \Phi_4^6\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
6574	315	132	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{5}{12}$	$\Phi_{132}^4\ \Phi_{44}^4\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_4^5\ \Phi_1^5$
6575	315	60	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{60}^{10}\ \Phi_{30}^2\ \Phi_{20}^{10}\ \Phi_{15}^2\ \Phi_{12}^5\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4^5\ \Phi_3\ \Phi_1$
6576	315	248	$\frac{1}{31}$	$\frac{1}{4}$	$\frac{10}{31}$	$\frac{3}{8}$	$\Phi_{248}^2\ \Phi_{31}^2\ \Phi_8^3\ \Phi_1^3$
6577	315	88	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{88}^6\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{11}\ \Phi_8^3\ \Phi_4\ \Phi_1$
6578	315	248	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{248}^2\ \Phi_{31}^2\ \Phi_8^3\ \Phi_1^3$
6579	315	40	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{40}^8\ \Phi_{20}^{10}\ \Phi_{10}^9\ \Phi_8^4\ \Phi_5^9\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
6580	315	270	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{270}\ \Phi_{135}\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
6581	315	96	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{96}^6\ \Phi_{48}^2\ \Phi_{32}^3\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
6582	315	198	$\frac{1}{22}$	$\frac{2}{9}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{198}^2\ \Phi_{99}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_9^3\ \Phi_2^2\ \Phi_1^3$
6583	315	144	$\frac{1}{16}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{144}^3\ \Phi_{72}^3\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{16}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
6584	315	99	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{99}^4\ \Phi_{11}^4\ \Phi_9^5\ \Phi_1^5$
6585	315	90	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{90}^5\ \Phi_{45}^5\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9^3\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
6586	315	204	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{204}^2\ \Phi_{102}^2\ \Phi_{51}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
6587	315	70	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{10}$	$\Phi_{70}^4\ \Phi_{35}^4\ \Phi_{14}^4\ \Phi_{10}^6\ \Phi_7^6\ \Phi_5^6\ \Phi_2^6\ \Phi_1^9$
6588	315	60	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{60}^8\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^{10}\ \Phi_{10}^2\ \Phi_6^5\ \Phi_5^2\ \Phi_4^5\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
6589	315	157	$\frac{16}{157}$	$\frac{22}{157}$	$\frac{45}{157}$	$\frac{47}{157}$	$\Phi_{157}^2\ \Phi_1^3$
6590	315	192	$\frac{7}{64}$	$\frac{1}{6}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
6591	315	157	$\frac{19}{157}$	$\frac{24}{157}$	$\frac{37}{157}$	$\frac{46}{157}$	$\Phi_{157}^2\ \Phi_1^3$
6592	315	212	$\frac{13}{106}$	$\frac{15}{106}$	$\frac{1}{4}$	$\frac{31}{106}$	$\Phi_{212}^2\ \Phi_{106}\ \Phi_{53}\ \Phi_4\ \Phi_1$
6593	315	56	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{56}^6\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_8^9\ \Phi_7^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
6594	315	175	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{175}^2\ \Phi_{25}^3\ \Phi_7^2\ \Phi_1^3$
6595	315	184	$\frac{1}{8}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{184}^2\ \Phi_{92}^2\ \Phi_{46}\ \Phi_{23}\ \Phi_8\ \Phi_4\ \Phi_1$
6596	315	157	$\frac{17}{157}$	$\frac{28}{157}$	$\frac{38}{157}$	$\frac{43}{157}$	$\Phi_{157}^2\ \Phi_1^3$
6597	315	212	$\frac{11}{106}$	$\frac{19}{106}$	$\frac{1}{4}$	$\frac{29}{106}$	$\Phi_{212}^2\ \Phi_{106}\ \Phi_{53}\ \Phi_4\ \Phi_1$
6598	315	240	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
6599	315	68	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{68}^4\ \Phi_{34}^4\ \Phi_{17}^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
6600	315	24	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{24}^{18}\ \Phi_{12}^{14}\ \Phi_8^9\ \Phi_6^{13}\ \Phi_4^7\ \Phi_3^{13}\ \Phi_2^6\ \Phi_1^7$
6601	315	240	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
6602	315	300	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{300}^2\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{25}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
6603	316	156	$\frac{1}{78}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{77}{156}$	$\Phi_{156}^4\ \Phi_{52}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
6604	316	126	$\frac{1}{63}$	$\frac{16}{63}$	$\frac{47}{126}$	$\frac{31}{63}$	$\Phi_{126}^4\ \Phi_{63}\ \Phi_{42}^4\ \Phi_{21}\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9\ \Phi_7\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
6605	316	318	$\frac{1}{53}$	$\frac{27}{106}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{318}^2\ \Phi_{159}\ \Phi_6^2$
6606	316	155	$\frac{3}{155}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{76}{155}$	$\Phi_{155}^2\ \Phi_{31}^2\ \Phi_5^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
6607	316	135	$\frac{1}{45}$	$\frac{23}{135}$	$\frac{56}{135}$	$\frac{22}{45}$	$\Phi_{135}^2\ \Phi_{45}^3\ \Phi_{27}^2\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
6608	316	154	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{75}{154}$	$\Phi_{154}^4\ \Phi_{22}^4\ \Phi_{14}^4\ \Phi_7\ \Phi_2^4\ \Phi_1^2$
6609	316	140	$\frac{1}{35}$	$\frac{9}{70}$	$\frac{61}{140}$	$\frac{17}{35}$	$\Phi_{140}^4\ \Phi_{35}\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_7\ \Phi_5\ \Phi_4^4\ \Phi_1^2$
6610	316	105	$\frac{1}{35}$	$\frac{26}{105}$	$\frac{9}{35}$	$\frac{17}{35}$	$\Phi_{105}^4\ \Phi_{35}\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_7\ \Phi_5\ \Phi_3^4\ \Phi_1^2$
6611	316	153	$\frac{5}{153}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{74}{153}$	$\Phi_{153}^2\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
6612	316	760	$\frac{3}{76}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{760}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
6613	316	147	$\frac{1}{21}$	$\frac{11}{147}$	$\frac{68}{147}$	$\frac{10}{21}$	$\Phi_{147}^2\ \Phi_{49}^2\ \Phi_{21}^3\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
6614	316	150	$\frac{4}{75}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{71}{150}$	$\Phi_{150}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
6615	316	150	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{150}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
6616	316	480	$\frac{1}{16}$	$\frac{17}{96}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
6617	316	297	$\frac{19}{297}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{139}{297}$	$\Phi_{297}\ \Phi_{99}\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{11}\ \Phi_9\ \Phi_3\ \Phi_1^2$
6618	316	225	$\frac{1}{15}$	$\frac{8}{75}$	$\frac{67}{225}$	$\frac{7}{15}$	$\Phi_{225}^2\ \Phi_{45}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
6619	316	90	$\frac{1}{15}$	$\frac{11}{90}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{90}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
6620	316	108	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{29}{108}$	$\frac{25}{54}$	$\Phi_{108}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
6621	316	144	$\frac{7}{72}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{65}{144}$	$\Phi_{144}^4\ \Phi_{48}^4\ \Phi_{16}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
6622	316	720	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{65}{144}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
6623	316	140	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{5}$	$\frac{61}{140}$	$\Phi_{140}^4\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
6624	316	231	$\frac{4}{77}$	$\frac{1}{7}$	$\frac{73}{231}$	$\frac{3}{7}$	$\Phi_{231}^2\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
6625	316	84	$\frac{5}{84}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{84}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_7\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^2$
6626	316	135	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{135}$	$\frac{56}{135}$	$\Phi_{135}^2\ \Phi_{45}^2\ \Phi_{27}^4\ \Phi_{15}^2\ \Phi_9^3\ \Phi_5^2\ \Phi_3^3\ \Phi_1^4$
6627	316	90	$\frac{1}{9}$	$\frac{11}{90}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{90}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
6628	316	640	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{640}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
6629	316	126	$\frac{1}{21}$	$\frac{5}{21}$	$\frac{16}{63}$	$\frac{47}{126}$	$\Phi_{126}^4\ \Phi_{42}^4\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_7^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
6630	316	243	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{243}$	$\frac{85}{243}$	$\Phi_{243}\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
6631	316	120	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{120}^4\ \Phi_{40}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
6632	316	81	$\frac{2}{81}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{81}^4\ \Phi_{27}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
6633	316	117	$\frac{1}{39}$	$\frac{38}{117}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{117}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
6634	316	312	$\frac{1}{26}$	$\frac{25}{104}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{312}\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
6635	316	195	$\frac{2}{39}$	$\frac{37}{195}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^2\ \Phi_{65}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
6636	316	84	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{84}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_7^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
6637	316	273	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{273}\ \Phi_{91}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
6638	316	480	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
6639	316	88	$\frac{9}{88}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{88}^4\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{11}^4\ \Phi_8^4\ \Phi_4^2\ \Phi_2^2\ \Phi_1^4$
6640	316	108	$\frac{1}{9}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{29}{108}$	$\Phi_{108}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
6641	316	90	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{90}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
6642	316	100	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{100}^4\ \Phi_{50}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
6643	317	624	$\frac{5}{312}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{307}{624}$	$\Phi_{624}\ \Phi_{208}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
6644	317	608	$\frac{13}{304}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{291}{608}$	$\Phi_{608}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
6645	317	384	$\frac{3}{64}$	$\frac{67}{384}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
6646	317	600	$\frac{17}{300}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{283}{600}$	$\Phi_{600}\ \Phi_{200}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
6647	317	576	$\frac{3}{32}$	$\frac{29}{288}$	$\frac{1}{4}$	$\frac{259}{576}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
6648	317	560	$\frac{3}{40}$	$\frac{37}{280}$	$\frac{1}{4}$	$\frac{243}{560}$	$\Phi_{560}\ \Phi_{112}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
6649	317	512	$\frac{3}{64}$	$\frac{61}{256}$	$\frac{1}{4}$	$\frac{195}{512}$	$\Phi_{512}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
6650	317	416	$\frac{5}{104}$	$\frac{99}{416}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{416}\ \Phi_{208}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
6651	317	336	$\frac{19}{336}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
6652	317	480	$\frac{3}{80}$	$\frac{1}{4}$	$\frac{77}{240}$	$\frac{163}{480}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
6653	317	384	$\frac{3}{32}$	$\frac{67}{384}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
6654	317	360	$\frac{43}{360}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
6655	317	400	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{83}{400}$	$\frac{1}{4}$	$\Phi_{400}\ \Phi_{200}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
6656	318	520	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{51}{104}$	$\Phi_{520}\ \Phi_{104}^2\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
6657	318	312	$\frac{1}{52}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{312}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
6658	318	930	$\frac{4}{155}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{151}{310}$	$\Phi_{930}\ \Phi_{186}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
6659	318	192	$\frac{1}{32}$	$\frac{11}{64}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{192}^2\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
6660	318	714	$\frac{2}{51}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{714}\ \Phi_{238}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
6661	318	912	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{145}{304}$	$\Phi_{912}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
6662	318	504	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{504}\ \Phi_{168}\ \Phi_{126}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
6663	318	300	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{47}{100}$	$\Phi_{300}^3\ \Phi_{60}^3\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^3\ \Phi_6$
6664	318	96	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{3}$	$\frac{43}{96}$	$\Phi_{96}^6\ \Phi_{48}\ \Phi_{32}^6\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
6665	318	672	$\frac{5}{48}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
6666	318	840	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{1}{3}$	$\frac{121}{280}$	$\Phi_{840}\ \Phi_{168}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
6667	318	420	$\frac{7}{60}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
6668	318	630	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{630}\ \Phi_{210}\ \Phi_{126}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
6669	318	390	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{25}{78}$	$\frac{2}{5}$	$\Phi_{390}\ \Phi_{195}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
6670	318	280	$\frac{3}{56}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
6671	318	65	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{65}^5\ \Phi_{13}^4\ \Phi_5^6\ \Phi_1^6$
6672	318	768	$\frac{1}{32}$	$\frac{31}{128}$	$\frac{1}{3}$	$\frac{97}{256}$	$\Phi_{768}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
6673	318	240	$\frac{1}{40}$	$\frac{13}{40}$	$\frac{1}{3}$	$\frac{27}{80}$	$\Phi_{240}^3\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}^3\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
6674	318	156	$\frac{1}{26}$	$\frac{1}{4}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{156}^2\ \Phi_{78}\ \Phi_{52}^4\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
6675	318	192	$\frac{1}{16}$	$\frac{11}{64}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
6676	318	60	$\frac{1}{10}$	$\frac{7}{60}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{60}^6\ \Phi_{30}^4\ \Phi_{20}^6\ \Phi_{15}^4\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
6677	318	168	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{12}\ \Phi_6$
6678	318	624	$\frac{3}{52}$	$\frac{49}{208}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
6679	318	780	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}\ \Phi_6$
6680	318	600	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{200}$	$\frac{1}{3}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
6681	318	504	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
6682	319	624	$\frac{7}{312}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{305}{624}$	$\Phi_{624}\ \Phi_{208}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
6683	319	280	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{27}{56}$	$\Phi_{280}^2\ \Phi_{56}^3\ \Phi_{40}^2\ \Phi_{20}\ \Phi_8^3\ \Phi_4\ \Phi_1$
6684	319	840	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{27}{56}$	$\Phi_{840}\ \Phi_{168}\ \Phi_{120}\ \Phi_{56}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
6685	319	612	$\frac{13}{306}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{293}{612}$	$\Phi_{612}\ \Phi_{204}\ \Phi_{68}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
6686	319	432	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{113}{432}$	$\frac{103}{216}$	$\Phi_{432}\ \Phi_{144}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
6687	319	108	$\frac{2}{27}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{108}^{3}\ \Phi_{54}^{2}\ \Phi_{36}^{3}\ \Phi_{27}^{3}\ \Phi_{18}^{2}\ \Phi_{12}^{5}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
6688	319	54	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{5}{27}$	$\frac{25}{54}$	$\Phi_{54}^{5}\ \Phi_{27}^{7}\ \Phi_{18}^{5}\ \Phi_{9}^{7}\ \Phi_{6}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{7}$
6689	319	420	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{42}$	$\frac{9}{20}$	$\Phi_{420}^{2}\ \Phi_{84}^{2}\ \Phi_{60}^{2}\ \Phi_{42}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
6690	319	120	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{120}^{4}\ \Phi_{60}^{2}\ \Phi_{40}^{3}\ \Phi_{30}^{2}\ \Phi_{24}^{4}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
6691	319	160	$\frac{3}{32}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{160}^{2}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{32}^{3}\ \Phi_{20}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
6692	319	140	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{9}{20}$	$\Phi_{140}^{4}\ \Phi_{35}\ \Phi_{28}^{4}\ \Phi_{20}^{5}\ \Phi_{5}\ \Phi_{4}^{5}\ \Phi_{1}$
6693	319	576	$\frac{31}{288}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{257}{576}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
6694	319	360	$\frac{41}{360}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
6695	319	300	$\frac{1}{12}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
6696	319	468	$\frac{7}{156}$	$\frac{1}{6}$	$\frac{149}{468}$	$\frac{5}{12}$	$\Phi_{468}\ \Phi_{234}\ \Phi_{117}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
6697	319	336	$\frac{17}{336}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
6698	319	36	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{36}^{11}\ \Phi_{18}^{11}\ \Phi_{12}^{5}\ \Phi_{9}^{11}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
6699	319	540	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{270}$	$\frac{221}{540}$	$\Phi_{540}\ \Phi_{180}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
6700	319	48	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{48}^{11}\ \Phi_{16}^{11}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
6701	319	90	$\frac{1}{30}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{90}^{3}\ \Phi_{45}^{3}\ \Phi_{30}^{5}\ \Phi_{18}^{2}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
6702	319	240	$\frac{1}{30}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{240}^{2}\ \Phi_{80}^{2}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
6703	319	36	$\frac{1}{12}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{36}^{8}\ \Phi_{18}^{8}\ \Phi_{12}^{10}\ \Phi_{9}^{9}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
6704	319	210	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{13}{42}$	$\Phi_{210}\ \Phi_{105}\ \Phi_{70}^{2}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
6705	319	480	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
6706	319	105	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{105}^{4}\ \Phi_{35}\ \Phi_{21}^{4}\ \Phi_{15}^{5}\ \Phi_{5}\ \Phi_{3}^{5}\ \Phi_{1}$
6707	319	432	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{144}$	$\frac{113}{432}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
6708	320	237	$\frac{1}{79}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{39}{79}$	$\Phi_{237}\ \Phi_{79}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
6709	320	319	$\frac{5}{319}$	$\frac{81}{319}$	$\frac{119}{319}$	$\frac{157}{319}$	$\Phi_{319}\ \Phi_{29}\ \Phi_{11}\ \Phi_{1}^{2}$
6710	320	504	$\frac{1}{63}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{31}{63}$	$\Phi_{504}\ \Phi_{168}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{24}\ \Phi_{21}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
6711	320	483	$\frac{3}{161}$	$\frac{41}{161}$	$\frac{1}{3}$	$\frac{79}{161}$	$\Phi_{483}\ \Phi_{69}\ \Phi_{21}$
6712	320	273	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{19}{39}$	$\Phi_{273}\ \Phi_{91}\ \Phi_{39}^{2}\ \Phi_{21}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
6713	320	195	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{195}^{2}\ \Phi_{65}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
6714	320	319	$\frac{9}{319}$	$\frac{41}{319}$	$\frac{139}{319}$	$\frac{155}{319}$	$\Phi_{319}\ \Phi_{29}\ \Phi_{11}\ \Phi_{1}^{2}$
6715	320	279	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{15}{31}$	$\Phi_{279}\ \Phi_{93}\ \Phi_{31}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
6716	320	186	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{186}^{2}\ \Phi_{93}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
6717	320	29	$\frac{1}{29}$	$\frac{3}{29}$	$\frac{13}{29}$	$\frac{14}{29}$	$\Phi_{29}^{11}\ \Phi_{1}^{12}$
6718	320	135	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{135}^{3}\ \Phi_{45}^{3}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
6719	320	77	$\frac{3}{77}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{37}{77}$	$\Phi_{77}^{4}\ \Phi_{11}^{5}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
6720	320	231	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{37}{77}$	$\Phi_{231}^{2}\ \Phi_{33}^{2}\ \Phi_{21}^{3}\ \Phi_{3}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
6721	320	319	$\frac{13}{319}$	$\frac{59}{319}$	$\frac{83}{319}$	$\frac{153}{319}$	$\Phi_{319}\ \Phi_{29}\ \Phi_{11}\ \Phi_1^2$
6722	320	69	$\frac{1}{23}$	$\frac{3}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{69}^7\ \Phi_3^6$
6723	320	390	$\frac{3}{65}$	$\frac{1}{6}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{10}$
6724	320	285	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{9}{19}$	$\Phi_{285}\ \Phi_{95}\ \Phi_{57}\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
6725	320	171	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{171}^2\ \Phi_{57}\ \Phi_{19}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
6726	320	95	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{95}^3\ \Phi_{19}^4\ \Phi_5^6\ \Phi_1^8$
6727	320	319	$\frac{17}{319}$	$\frac{21}{319}$	$\frac{149}{319}$	$\frac{151}{319}$	$\Phi_{319}\ \Phi_{29}\ \Phi_{11}\ \Phi_1^2$
6728	320	319	$\frac{17}{319}$	$\frac{47}{319}$	$\frac{84}{319}$	$\frac{151}{319}$	$\Phi_{319}\ \Phi_{29}\ \Phi_{11}\ \Phi_1^2$
6729	320	483	$\frac{9}{161}$	$\frac{17}{161}$	$\frac{1}{3}$	$\frac{76}{161}$	$\Phi_{483}\ \Phi_{69}\ \Phi_{21}$
6730	320	165	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{165}^2\ \Phi_{55}^2\ \Phi_{33}^3\ \Phi_{11}^2$
6731	320	285	$\frac{1}{15}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{7}{15}$	$\Phi_{285}\ \Phi_{95}\ \Phi_{57}\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
6732	320	30	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{30}^{13}\ \Phi_{15}^9\ \Phi_{10}^{13}\ \Phi_6^{12}\ \Phi_5^8\ \Phi_3^8\ \Phi_2^{12}\ \Phi_1^8$
6733	320	369	$\frac{3}{41}$	$\frac{1}{9}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{369}\ \Phi_{123}$
6734	320	78	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{78}^5\ \Phi_{39}^3\ \Phi_{26}^5\ \Phi_{13}^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
6735	320	297	$\frac{23}{297}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{137}{297}$	$\Phi_{297}\ \Phi_{99}\ \Phi_{33}^2\ \Phi_{27}\ \Phi_{11}\ \Phi_9\ \Phi_3^2\ \Phi_1^2$
6736	320	319	$\frac{25}{319}$	$\frac{43}{319}$	$\frac{69}{319}$	$\frac{147}{319}$	$\Phi_{319}\ \Phi_{29}\ \Phi_{11}\ \Phi_1^2$
6737	320	405	$\frac{7}{81}$	$\frac{11}{81}$	$\frac{1}{5}$	$\frac{37}{81}$	$\Phi_{405}\ \Phi_{135}\ \Phi_{45}\ \Phi_{15}$
6738	320	231	$\frac{6}{77}$	$\frac{1}{11}$	$\frac{71}{231}$	$\frac{5}{11}$	$\Phi_{231}^2\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
6739	320	11	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{11}^{29}\ \Phi_1^{30}$
6740	320	483	$\frac{11}{161}$	$\frac{15}{161}$	$\frac{1}{3}$	$\frac{73}{161}$	$\Phi_{483}\ \Phi_{69}\ \Phi_{21}$
6741	320	319	$\frac{31}{319}$	$\frac{35}{319}$	$\frac{71}{319}$	$\frac{144}{319}$	$\Phi_{319}\ \Phi_{29}\ \Phi_{11}\ \Phi_1^2$
6742	320	87	$\frac{7}{87}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{87}^4\ \Phi_{29}^3\ \Phi_3^4\ \Phi_1^4$
6743	320	29	$\frac{3}{29}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{13}{29}$	$\Phi_{29}^{11}\ \Phi_1^{12}$
6744	320	390	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{1}{6}$	$\frac{29}{65}$	$\Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{10}$
6745	320	153	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{153}^2\ \Phi_{51}^3\ \Phi_{17}^2$
6746	320	279	$\frac{3}{31}$	$\frac{1}{9}$	$\frac{7}{31}$	$\frac{4}{9}$	$\Phi_{279}\ \Phi_{93}\ \Phi_{31}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
6747	320	45	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{45}^9\ \Phi_{15}^9\ \Phi_5^8$
6748	320	319	$\frac{23}{319}$	$\frac{37}{319}$	$\frac{89}{319}$	$\frac{141}{319}$	$\Phi_{319}\ \Phi_{29}\ \Phi_{11}\ \Phi_1^2$
6749	320	483	$\frac{9}{161}$	$\frac{19}{161}$	$\frac{1}{3}$	$\frac{71}{161}$	$\Phi_{483}\ \Phi_{69}\ \Phi_{21}$
6750	320	21	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{21}^{15}\ \Phi_7^{16}\ \Phi_3^{14}\ \Phi_1^{16}$
6751	320	119	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{119}^3\ \Phi_{17}^2$
6752	320	91	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{13}$	$\frac{3}{7}$	$\Phi_{91}^3\ \Phi_{13}^6\ \Phi_7^4\ \Phi_1^8$
6753	320	385	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{385}\ \Phi_{55}^2$
6754	320	273	$\frac{4}{39}$	$\frac{1}{7}$	$\frac{7}{39}$	$\frac{3}{7}$	$\Phi_{273}\ \Phi_{91}\ \Phi_{39}^2\ \Phi_{21}\ \Phi_{13}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
6755	320	126	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{126}^3\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{18}^6\ \Phi_{14}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
6756	320	99	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{19}{99}$	$\frac{14}{33}$	$\Phi_{99}^4\ \Phi_{33}^2\ \Phi_{11}\ \Phi_9^4\ \Phi_3^2\ \Phi_1^2$
6757	320	319	$\frac{23}{319}$	$\frac{49}{319}$	$\frac{74}{319}$	$\frac{135}{319}$	$\Phi_{319}\ \Phi_{29}\ \Phi_{11}\ \Phi_1^2$
6758	320	69	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{1}{3}$	$\frac{29}{69}$	$\Phi_{69}^5\ \Phi_{23}^4\ \Phi_3^4\ \Phi_1^4$
6759	320	55	$\frac{1}{11}$	$\frac{9}{55}$	$\frac{2}{11}$	$\frac{23}{55}$	$\Phi_{55}^5\ \Phi_{11}^9\ \Phi_5^5\ \Phi_1^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
6760	320	369	$\frac{1}{9}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{369}\ \Phi_{123}$
6761	320	357	$\frac{1}{21}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{357}\ \Phi_{119}\ \Phi_{51}$
6762	320	319	$\frac{34}{319}$	$\frac{47}{319}$	$\frac{57}{319}$	$\frac{131}{319}$	$\Phi_{319}\ \Phi_{29}\ \Phi_{11}\ \Phi_{1}^{2}$
6763	320	135	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{1}{5}$	$\frac{11}{27}$	$\Phi_{135}^{3}\ \Phi_{45}^{3}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
6764	320	319	$\frac{14}{319}$	$\frac{61}{319}$	$\frac{95}{319}$	$\frac{129}{319}$	$\Phi_{319}\ \Phi_{29}\ \Phi_{11}\ \Phi_{1}^{2}$
6765	320	319	$\frac{19}{319}$	$\frac{61}{319}$	$\frac{75}{319}$	$\frac{129}{319}$	$\Phi_{319}\ \Phi_{29}\ \Phi_{11}\ \Phi_{1}^{2}$
6766	320	483	$\frac{6}{161}$	$\frac{31}{161}$	$\frac{1}{3}$	$\frac{65}{161}$	$\Phi_{483}\ \Phi_{69}\ \Phi_{21}$
6767	320	210	$\frac{3}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{210}^{2}\ \Phi_{105}^{2}\ \Phi_{70}^{2}\ \Phi_{42}^{2}\ \Phi_{30}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{10}$
6768	320	319	$\frac{24}{319}$	$\frac{59}{319}$	$\frac{65}{319}$	$\frac{127}{319}$	$\Phi_{319}\ \Phi_{29}\ \Phi_{11}\ \Phi_{1}^{2}$
6769	320	33	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{33}^{10}\ \Phi_{11}^{9}\ \Phi_{3}^{10}\ \Phi_{1}^{10}$
6770	320	369	$\frac{1}{9}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{369}\ \Phi_{123}$
6771	320	319	$\frac{35}{319}$	$\frac{39}{319}$	$\frac{71}{319}$	$\frac{124}{319}$	$\Phi_{319}\ \Phi_{29}\ \Phi_{11}\ \Phi_{1}^{2}$
6772	320	261	$\frac{1}{29}$	$\frac{59}{261}$	$\frac{28}{87}$	$\frac{101}{261}$	$\Phi_{261}\ \Phi_{87}^{2}\ \Phi_{29}\ \Phi_{9}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
6773	320	319	$\frac{27}{319}$	$\frac{49}{319}$	$\frac{73}{319}$	$\frac{123}{319}$	$\Phi_{319}\ \Phi_{29}\ \Phi_{11}\ \Phi_{1}^{2}$
6774	320	78	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{78}^{5}\ \Phi_{39}^{5}\ \Phi_{26}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
6775	320	405	$\frac{5}{81}$	$\frac{1}{5}$	$\frac{19}{81}$	$\frac{31}{81}$	$\Phi_{405}\ \Phi_{135}\ \Phi_{45}\ \Phi_{15}$
6776	320	29	$\frac{1}{29}$	$\frac{7}{29}$	$\frac{9}{29}$	$\frac{11}{29}$	$\Phi_{29}^{11}\ \Phi_{1}^{12}$
6777	320	483	$\frac{5}{161}$	$\frac{39}{161}$	$\frac{1}{3}$	$\frac{61}{161}$	$\Phi_{483}\ \Phi_{69}\ \Phi_{21}$
6778	320	264	$\frac{1}{33}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{264}^{2}\ \Phi_{88}^{2}\ \Phi_{33}^{2}\ \Phi_{24}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
6779	320	168	$\frac{1}{21}$	$\frac{5}{21}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^{3}\ \Phi_{56}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{8}^{4}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
6780	320	680	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{680}\ \Phi_{85}$
6781	320	280	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^{2}\ \Phi_{56}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
6782	320	72	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^{7}\ \Phi_{24}^{7}\ \Phi_{9}^{7}\ \Phi_{8}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
6783	320	123	$\frac{1}{41}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{123}^{3}\ \Phi_{41}^{2}$
6784	320	237	$\frac{3}{79}$	$\frac{19}{79}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{237}\ \Phi_{79}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
6785	320	105	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^{4}\ \Phi_{35}^{4}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
6786	320	237	$\frac{4}{79}$	$\frac{15}{79}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{237}\ \Phi_{79}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
6787	320	102	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{102}^{4}\ \Phi_{51}^{3}\ \Phi_{34}^{4}\ \Phi_{17}^{2}$
6788	320	237	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{237}\ \Phi_{79}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
6789	320	99	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{99}^{4}\ \Phi_{33}^{3}\ \Phi_{11}^{2}$
6790	320	207	$\frac{1}{23}$	$\frac{47}{207}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{207}^{2}\ \Phi_{69}\ \Phi_{9}^{2}$
6791	320	585	$\frac{2}{39}$	$\frac{1}{5}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{585}\ \Phi_{45}\ \Phi_{15}$
6792	320	231	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{231}$	$\frac{1}{3}$	$\Phi_{231}\ \Phi_{77}^{2}\ \Phi_{33}\ \Phi_{21}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
6793	320	69	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{69}^{7}\ \Phi_{3}^{6}$
6794	320	495	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{495}\ \Phi_{99}\ \Phi_{33}$
6795	320	105	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{105}^{5}\ \Phi_{21}^{3}\ \Phi_{15}^{5}\ \Phi_{3}^{2}$
6796	320	459	$\frac{1}{17}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{459}\ \Phi_{51}$
6797	320	195	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{195}^{3}\ \Phi_{15}^{4}$
6798	320	483	$\frac{13}{161}$	$\frac{31}{161}$	$\frac{37}{161}$	$\frac{1}{3}$	$\Phi_{483}\ \Phi_{69}\ \Phi_{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
6799	320	186	$\frac{3}{31}$	$\frac{1}{6}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{186}^2\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
6800	320	483	$\frac{17}{161}$	$\frac{25}{161}$	$\frac{36}{161}$	$\frac{1}{3}$	$\Phi_{483}\ \Phi_{69}\ \Phi_{21}$
6801	320	171	$\frac{1}{9}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{171}^2\ \Phi_{57}\ \Phi_{19}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
6802	320	483	$\frac{16}{161}$	$\frac{29}{161}$	$\frac{33}{161}$	$\frac{1}{3}$	$\Phi_{483}\ \Phi_{69}\ \Phi_{21}$
6803	320	165	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{165}^3\ \Phi_{33}^4$
6804	320	195	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{195}^2\ \Phi_{65}^2\ \Phi_{15}^3\ \Phi_5^2$
6805	320	90	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{90}^6\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
6806	320	99	$\frac{1}{11}$	$\frac{19}{99}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{99}^3\ \Phi_{33}^4\ \Phi_{11}^3\ \Phi_9^3\ \Phi_3^4\ \Phi_1^4$
6807	320	90	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{90}^6\ \Phi_{45}^4\ \Phi_{30}\ \Phi_{18}^6\ \Phi_{15}\ \Phi_{10}\ \Phi_9^4$
6808	320	77	$\frac{9}{77}$	$\frac{2}{11}$	$\frac{17}{77}$	$\frac{3}{11}$	$\Phi_{77}^4\ \Phi_{11}^5\ \Phi_7^4\ \Phi_1^6$
6809	320	150	$\frac{11}{75}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{150}^3\ \Phi_{75}^2\ \Phi_{50}^3\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{10}$
6810	320	135	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{135}^4\ \Phi_{45}\ \Phi_{15}$
6811	320	95	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{95}^3\ \Phi_{19}^4\ \Phi_5^6\ \Phi_1^8$
6812	320	319	$\frac{51}{319}$	$\frac{63}{319}$	$\frac{64}{319}$	$\frac{67}{319}$	$\Phi_{319}\ \Phi_{29}\ \Phi_{11}\ \Phi_1^2$
6813	320	405	$\frac{13}{81}$	$\frac{16}{81}$	$\frac{1}{5}$	$\frac{17}{81}$	$\Phi_{405}\ \Phi_{135}\ \Phi_{45}\ \Phi_{15}$
6814	320	30	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{30}^{13}\ \Phi_{15}^{13}\ \Phi_{10}^{13}\ \Phi_6^{12}\ \Phi_3^{12}\ \Phi_2^{12}$
6815	321	512	$\frac{1}{64}$	$\frac{65}{256}$	$\frac{191}{512}$	$\frac{63}{128}$	$\Phi_{512}\ \Phi_{128}\ \Phi_1$
6816	321	420	$\frac{2}{105}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{103}{210}$	$\Phi_{420}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
6817	321	144	$\frac{1}{36}$	$\frac{1}{4}$	$\frac{37}{144}$	$\frac{35}{72}$	$\Phi_{144}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
6818	321	208	$\frac{3}{104}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{101}{208}$	$\Phi_{208}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
6819	321	204	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{97}{204}$	$\Phi_{204}\ \Phi_{102}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
6820	321	130	$\frac{4}{65}$	$\frac{23}{130}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{130}^2\ \Phi_{65}^3\ \Phi_{26}^2\ \Phi_{13}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
6821	321	200	$\frac{7}{100}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{93}{200}$	$\Phi_{200}^3\ \Phi_{40}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
6822	321	200	$\frac{7}{100}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{93}{200}$	$\Phi_{200}^3\ \Phi_{40}^3\ \Phi_{25}\ \Phi_8^3\ \Phi_1$
6823	321	396	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{91}{198}$	$\Phi_{396}\ \Phi_{132}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
6824	321	440	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{119}{440}$	$\frac{101}{220}$	$\Phi_{440}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
6825	321	120	$\frac{1}{12}$	$\frac{13}{120}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
6826	321	192	$\frac{1}{16}$	$\frac{11}{96}$	$\frac{5}{16}$	$\frac{85}{192}$	$\Phi_{192}^3\ \Phi_{64}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
6827	321	192	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{4}$	$\frac{85}{192}$	$\Phi_{192}^3\ \Phi_{64}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
6828	321	448	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{127}{448}$	$\frac{97}{224}$	$\Phi_{448}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
6829	321	350	$\frac{29}{350}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{350}\ \Phi_{175}\ \Phi_{70}\ \Phi_{35}\ \Phi_{25}\ \Phi_{14}\ \Phi_7\ \Phi_1$
6830	321	180	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{1}{4}$	$\frac{73}{180}$	$\Phi_{180}\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
6831	321	520	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{61}{260}$	$\frac{199}{520}$	$\Phi_{520}\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}\ \Phi_{13}\ \Phi_8\ \Phi_1$
6832	321	112	$\frac{5}{112}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{112}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
6833	321	120	$\frac{1}{10}$	$\frac{13}{120}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_6^3\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
6834	321	128	$\frac{1}{16}$	$\frac{21}{128}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{128}^3\ \Phi_{64}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
6835	321	324	$\frac{1}{27}$	$\frac{1}{4}$	$\frac{26}{81}$	$\frac{55}{162}$	$\Phi_{324}\ \Phi_{108}^2\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
6836	321	160	$\frac{1}{40}$	$\frac{13}{40}$	$\frac{53}{160}$	$\frac{27}{80}$	$\Phi_{160}^3\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
6837	321	252	$\frac{2}{21}$	$\frac{19}{126}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^2\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
6838	321	120	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^3\ \Phi_{60}^2\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
6839	321	156	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{49}{156}$	$\Phi_{156}^3\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
6840	321	144	$\frac{1}{16}$	$\frac{11}{48}$	$\frac{37}{144}$	$\frac{5}{16}$	$\Phi_{144}^3\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_9^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
6841	321	150	$\frac{1}{10}$	$\frac{7}{50}$	$\frac{43}{150}$	$\frac{3}{10}$	$\Phi_{150}^3\ \Phi_{75}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
6842	321	150	$\frac{7}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{43}{150}$	$\Phi_{150}^3\ \Phi_{75}^3\ \Phi_{30}^3\ \Phi_{25}\ \Phi_{15}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
6843	321	125	$\frac{18}{125}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{125}^3\ \Phi_{25}\ \Phi_1$
6844	321	144	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{4}$	$\frac{37}{144}$	$\Phi_{144}^3\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
6845	321	400	$\frac{4}{25}$	$\frac{79}{400}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{400}\ \Phi_{200}\ \Phi_{80}\ \Phi_{40}\ \Phi_{25}\ \Phi_{16}\ \Phi_8\ \Phi_1$
6846	322	318	$\frac{2}{159}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{157}{318}$	$\Phi_{318}^2\ \Phi_{106}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
6847	322	216	$\frac{1}{54}$	$\frac{55}{216}$	$\frac{1}{3}$	$\frac{53}{108}$	$\Phi_{216}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
6848	322	180	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{22}{45}$	$\Phi_{180}^3\ \Phi_{60}^3\ \Phi_{45}\ \Phi_{36}^3\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}^4\ \Phi_9\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
6849	322	45	$\frac{1}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{45}^7\ \Phi_{15}^7\ \Phi_9^8\ \Phi_5^7\ \Phi_3^7\ \Phi_1^8$
6850	322	312	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{151}{312}$	$\Phi_{312}^2\ \Phi_{104}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
6851	322	572	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{21}{44}$	$\Phi_{572}\ \Phi_{52}\ \Phi_{44}^2\ \Phi_{13}\ \Phi_4^2\ \Phi_1^2$
6852	322	264	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{264}^2\ \Phi_{132}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
6853	322	306	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{145}{306}$	$\Phi_{306}^2\ \Phi_{102}^2\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
6854	322	180	$\frac{1}{18}$	$\frac{19}{180}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
6855	322	429	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{6}{13}$	$\Phi_{429}\ \Phi_{39}\ \Phi_{33}^2\ \Phi_{13}\ \Phi_3^2\ \Phi_1^2$
6856	322	297	$\frac{2}{27}$	$\frac{25}{297}$	$\frac{1}{3}$	$\frac{136}{297}$	$\Phi_{297}\ \Phi_{99}\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
6857	322	210	$\frac{1}{15}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{210}^3\ \Phi_{70}^3\ \Phi_{42}^2\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
6858	322	288	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{1}{3}$	$\frac{127}{288}$	$\Phi_{288}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
6859	322	480	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
6860	322	120	$\frac{1}{15}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{120}^5\ \Phi_{60}\ \Phi_{40}^4\ \Phi_{30}\ \Phi_{24}^5\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_8^4\ \Phi_6$
6861	322	24	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{24}^{14}\ \Phi_{12}^{12}\ \Phi_8^{14}\ \Phi_6^{14}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
6862	322	60	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{30}$	$\frac{5}{12}$	$\Phi_{60}^9\ \Phi_{30}^2\ \Phi_{20}^9\ \Phi_{15}\ \Phi_{12}^{10}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
6863	322	300	$\frac{2}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{300}^2\ \Phi_{100}^2\ \Phi_{60}\ \Phi_{25}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
6864	322	108	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{108}^6\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{12}^4\ \Phi_9\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
6865	322	270	$\frac{1}{27}$	$\frac{26}{135}$	$\frac{1}{3}$	$\frac{109}{270}$	$\Phi_{270}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
6866	322	120	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
6867	322	180	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{180}^3\ \Phi_{60}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
6868	322	243	$\frac{2}{81}$	$\frac{79}{243}$	$\frac{1}{3}$	$\frac{82}{243}$	$\Phi_{243}\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
6869	322	72	$\frac{1}{24}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{72}^6\ \Phi_{36}^6\ \Phi_{24}^2\ \Phi_{18}^6\ \Phi_{12}^2\ \Phi_9^4\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
6870	322	234	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{73}{234}$	$\frac{1}{3}$	$\Phi_{234}^2\ \Phi_{117}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
6871	322	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{264}\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
6872	322	216	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{55}{216}$	$\frac{1}{3}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
6873	322	90	$\frac{1}{15}$	$\frac{2}{9}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{90}^{6}\ \Phi_{45}^{3}\ \Phi_{30}^{2}\ \Phi_{18}^{6}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{9}^{4}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
6874	322	225	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{225}^{2}\ \Phi_{45}\ \Phi_{25}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
6875	322	180	$\frac{19}{180}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^{2}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{45}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
6876	322	27	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{27}^{14}\ \Phi_{9}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
6877	323	552	$\frac{1}{46}$	$\frac{47}{276}$	$\frac{229}{552}$	$\frac{45}{92}$	$\Phi_{552}\ \Phi_{184}\ \Phi_{92}\ \Phi_{24}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
6878	323	23	$\frac{1}{23}$	$\frac{4}{23}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{23}^{14}\ \Phi_{1}^{15}$
6879	323	616	$\frac{15}{308}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{293}{616}$	$\Phi_{616}\ \Phi_{88}\ \Phi_{56}\ \Phi_{28}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
6880	323	288	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{17}{36}$	$\Phi_{288}^{2}\ \Phi_{96}^{2}\ \Phi_{36}\ \Phi_{32}^{3}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
6881	323	72	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{36}$	$\Phi_{72}^{4}\ \Phi_{36}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{4}\ \Phi_{12}^{6}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
6882	323	180	$\frac{1}{18}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{180}^{2}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
6883	323	672	$\frac{1}{16}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{32}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
6884	323	864	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{15}{32}$	$\Phi_{864}\ \Phi_{32}\ \Phi_{27}\ \Phi_{1}$
6885	323	96	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{15}{32}$	$\Phi_{96}^{6}\ \Phi_{32}^{7}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
6886	323	588	$\frac{1}{14}$	$\frac{29}{294}$	$\frac{13}{42}$	$\frac{265}{588}$	$\Phi_{588}\ \Phi_{196}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
6887	323	448	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{125}{448}$	$\frac{99}{224}$	$\Phi_{448}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
6888	323	60	$\frac{1}{20}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{60}^{6}\ \Phi_{30}^{5}\ \Phi_{20}^{5}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{10}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
6889	323	21	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{21}^{15}\ \Phi_{7}^{16}\ \Phi_{3}^{15}\ \Phi_{1}^{17}$
6890	323	560	$\frac{1}{14}$	$\frac{43}{280}$	$\frac{13}{56}$	$\frac{237}{560}$	$\Phi_{560}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
6891	323	120	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{120}^{4}\ \Phi_{60}^{2}\ \Phi_{40}^{4}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
6892	323	552	$\frac{1}{23}$	$\frac{47}{276}$	$\frac{22}{69}$	$\frac{229}{552}$	$\Phi_{552}\ \Phi_{184}\ \Phi_{69}\ \Phi_{24}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
6893	323	288	$\frac{1}{18}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{288}^{2}\ \Phi_{96}^{2}\ \Phi_{36}^{2}\ \Phi_{32}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
6894	323	460	$\frac{1}{23}$	$\frac{22}{115}$	$\frac{137}{460}$	$\frac{93}{230}$	$\Phi_{460}\ \Phi_{115}\ \Phi_{92}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
6895	323	84	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{84}^{7}\ \Phi_{28}^{5}\ \Phi_{21}^{3}\ \Phi_{12}^{7}\ \Phi_{7}^{2}\ \Phi_{4}^{5}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
6896	323	72	$\frac{1}{18}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^{4}\ \Phi_{36}^{6}\ \Phi_{24}^{3}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
6897	323	90	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{90}^{4}\ \Phi_{45}^{4}\ \Phi_{30}^{3}\ \Phi_{18}^{3}\ \Phi_{15}^{4}\ \Phi_{10}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
6898	323	504	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{71}{252}$	$\frac{181}{504}$	$\Phi_{504}\ \Phi_{168}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
6899	323	414	$\frac{1}{23}$	$\frac{91}{414}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{414}\ \Phi_{207}\ \Phi_{69}\ \Phi_{18}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
6900	323	168	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{168}^{2}\ \Phi_{84}^{2}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{7}^{3}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
6901	323	420	$\frac{2}{21}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{35}\ \Phi_{21}\ \Phi_{20}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
6902	323	216	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{8}{27}$	$\Phi_{216}^{2}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{27}^{3}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
6903	323	540	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{27}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
6904	323	24	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{7}{24}$	$\Phi_{24}^{14}\ \Phi_{12}^{14}\ \Phi_{8}^{13}\ \Phi_{6}^{13}\ \Phi_{4}^{13}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
6905	323	120	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{120}^{4}\ \Phi_{60}^{2}\ \Phi_{40}^{4}\ \Phi_{30}^{2}\ \Phi_{24}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{3}\ \Phi_{8}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
6906	324	480	$\frac{1}{80}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{79}{160}$	$\Phi_{480}\ \Phi_{160}^{2}\ \Phi_{96}\ \Phi_{32}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
6907	324	265	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{26}{53}$	$\Phi_{265}\ \Phi_{53}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
6908	324	636	$\frac{1}{53}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{636}\ \Phi_{318}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
6909	324	323	$\frac{7}{323}$	$\frac{55}{323}$	$\frac{134}{323}$	$\frac{158}{323}$	$\Phi_{323}\ \Phi_{19}\ \Phi_{17}\ \Phi_{1}^{2}$
6910	324	436	$\frac{3}{109}$	$\frac{1}{4}$	$\frac{28}{109}$	$\frac{53}{109}$	$\Phi_{436}\ \Phi_{218}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
6911	324	323	$\frac{9}{323}$	$\frac{80}{323}$	$\frac{83}{323}$	$\frac{157}{323}$	$\Phi_{323}\ \Phi_{19}\ \Phi_{17}\ \Phi_1^2$
6912	324	560	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{17}{35}$	$\Phi_{560}\ \Phi_{112}\ \Phi_{80}\ \Phi_{35}\ \Phi_{16}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
6913	324	140	$\frac{1}{35}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
6914	324	489	$\frac{5}{163}$	$\frac{28}{163}$	$\frac{1}{3}$	$\frac{79}{163}$	Φ_{489}
6915	324	572	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{25}{52}$	$\Phi_{572}\ \Phi_{52}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
6916	324	1092	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{1092}\ \Phi_{84}\ \Phi_{21}$
6917	324	572	$\frac{1}{26}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{25}{52}$	$\Phi_{572}\ \Phi_{52}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
6918	324	260	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{260}\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
6919	324	323	$\frac{13}{323}$	$\frac{56}{323}$	$\frac{89}{323}$	$\frac{155}{323}$	$\Phi_{323}\ \Phi_{19}\ \Phi_{17}\ \Phi_1^2$
6920	324	436	$\frac{5}{109}$	$\frac{19}{109}$	$\frac{1}{4}$	$\frac{52}{109}$	$\Phi_{436}\ \Phi_{218}$
6921	324	152	$\frac{1}{19}$	$\frac{5}{76}$	$\frac{71}{152}$	$\frac{9}{19}$	$\Phi_{152}^4\ \Phi_{19}\ \Phi_8^4\ \Phi_1^2$
6922	324	38	$\frac{1}{19}$	$\frac{5}{38}$	$\frac{11}{38}$	$\frac{9}{19}$	$\Phi_{38}^8\ \Phi_{19}^9\ \Phi_2^8\ \Phi_1^{10}$
6923	324	95	$\frac{1}{19}$	$\frac{14}{95}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{95}^4\ \Phi_{19}\ \Phi_5^4\ \Phi_1^2$
6924	324	17	$\frac{1}{17}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{8}{17}$	$\Phi_{17}^{19}\ \Phi_1^{20}$
6925	324	510	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{102}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
6926	324	17	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{8}{17}$	$\Phi_{17}^{19}\ \Phi_1^{20}$
6927	324	476	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{476}\ \Phi_{238}\ \Phi_{28}^2\ \Phi_{14}^2$
6928	324	34	$\frac{1}{17}$	$\frac{3}{17}$	$\frac{7}{34}$	$\frac{8}{17}$	$\Phi_{34}^{12}\ \Phi_{17}^7\ \Phi_2^{12}\ \Phi_1^8$
6929	324	152	$\frac{5}{76}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{71}{152}$	$\Phi_{152}^4\ \Phi_{19}\ \Phi_8^4\ \Phi_1^2$
6930	324	323	$\frac{25}{323}$	$\frac{29}{323}$	$\frac{98}{323}$	$\frac{149}{323}$	$\Phi_{323}\ \Phi_{19}\ \Phi_{17}\ \Phi_1^2$
6931	324	350	$\frac{2}{25}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{350}^2\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{14}^2$
6932	324	370	$\frac{3}{37}$	$\frac{1}{10}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{370}\ \Phi_{185}\ \Phi_{74}$
6933	324	143	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{4}{13}$	$\frac{5}{11}$	$\Phi_{143}^2\ \Phi_{13}^4\ \Phi_{11}^3\ \Phi_1^6$
6934	324	220	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{220}^2\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{20}^4\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
6935	324	77	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{77}^5\ \Phi_7^4$
6936	324	323	$\frac{31}{323}$	$\frac{44}{323}$	$\frac{59}{323}$	$\frac{146}{323}$	$\Phi_{323}\ \Phi_{19}\ \Phi_{17}\ \Phi_1^2$
6937	324	436	$\frac{10}{109}$	$\frac{11}{109}$	$\frac{1}{4}$	$\frac{49}{109}$	$\Phi_{436}\ \Phi_{218}$
6938	324	323	$\frac{26}{323}$	$\frac{33}{323}$	$\frac{89}{323}$	$\frac{145}{323}$	$\Phi_{323}\ \Phi_{19}\ \Phi_{17}\ \Phi_1^2$
6939	324	489	$\frac{10}{163}$	$\frac{17}{163}$	$\frac{1}{3}$	$\frac{73}{163}$	Φ_{489}
6940	324	323	$\frac{20}{323}$	$\frac{37}{323}$	$\frac{101}{323}$	$\frac{143}{323}$	$\Phi_{323}\ \Phi_{19}\ \Phi_{17}\ \Phi_1^2$
6941	324	912	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{912}\ \Phi_{57}$
6942	324	560	$\frac{2}{35}$	$\frac{1}{8}$	$\frac{11}{35}$	$\frac{7}{16}$	$\Phi_{560}\ \Phi_{112}\ \Phi_{80}\ \Phi_{35}\ \Phi_{16}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
6943	324	208	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{208}^3\ \Phi_{52}\ \Phi_{26}$
6944	324	560	$\frac{3}{35}$	$\frac{1}{8}$	$\frac{8}{35}$	$\frac{7}{16}$	$\Phi_{560}\ \Phi_{112}\ \Phi_{80}\ \Phi_{35}\ \Phi_{16}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
6945	324	80	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{80}^7\ \Phi_{16}^8\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
6946	324	112	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{112}^5\ \Phi_{16}^6\ \Phi_7^5\ \Phi_1^6$
6947	324	370	$\frac{1}{10}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{370}\ \Phi_{185}\ \Phi_{74}$
6948	324	95	$\frac{1}{19}$	$\frac{13}{95}$	$\frac{6}{19}$	$\frac{41}{95}$	$\Phi_{95}^3\ \Phi_{19}^5\ \Phi_5^3\ \Phi_1^6$
6949	324	323	$\frac{29}{323}$	$\frac{49}{323}$	$\frac{62}{323}$	$\frac{137}{323}$	$\Phi_{323}\ \Phi_{19}\ \Phi_{17}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
6950	324	436	$\frac{7}{109}$	$\frac{17}{109}$	$\frac{1}{4}$	$\frac{46}{109}$	$\Phi_{436}\ \Phi_{218}$
6951	324	38	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{11}{38}$	$\frac{8}{19}$	$\Phi_{38}^{12}\ \Phi_{19}^{5}\ \Phi_{2}^{12}\ \Phi_{1}^{6}$
6952	324	85	$\frac{4}{85}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{85}^{4}\ \Phi_{17}^{3}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
6953	324	136	$\frac{1}{17}$	$\frac{13}{68}$	$\frac{4}{17}$	$\frac{55}{136}$	$\Phi_{136}^{4}\ \Phi_{17}^{3}\ \Phi_{8}^{4}\ \Phi_{1}^{4}$
6954	324	420	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{60}\ \Phi_{42}^{2}\ \Phi_{30}\ \Phi_{21}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
6955	324	265	$\frac{2}{53}$	$\frac{1}{5}$	$\frac{17}{53}$	$\frac{2}{5}$	$\Phi_{265}\ \Phi_{53}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
6956	324	380	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{380}\ \Phi_{190}\ \Phi_{76}^{2}\ \Phi_{38}^{2}$
6957	324	265	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{265}\ \Phi_{53}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
6958	324	70	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{70}^{6}\ \Phi_{35}^{5}\ \Phi_{14}^{6}\ \Phi_{7}^{4}$
6959	324	323	$\frac{11}{323}$	$\frac{73}{323}$	$\frac{104}{323}$	$\frac{125}{323}$	$\Phi_{323}\ \Phi_{19}\ \Phi_{17}\ \Phi_{1}^{2}$
6960	324	308	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{308}^{2}\ \Phi_{77}\ \Phi_{28}^{2}$
6961	324	364	$\frac{1}{28}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{364}\ \Phi_{182}\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}$
6962	324	34	$\frac{1}{17}$	$\frac{7}{34}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{34}^{8}\ \Phi_{17}^{11}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
6963	324	416	$\frac{1}{13}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{416}\ \Phi_{208}\ \Phi_{52}\ \Phi_{26}$
6964	324	19	$\frac{1}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{19}^{17}\ \Phi_{1}^{18}$
6965	324	85	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{23}{85}$	$\frac{31}{85}$	$\Phi_{85}^{4}\ \Phi_{17}^{3}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
6966	324	323	$\frac{23}{323}$	$\frac{50}{323}$	$\frac{91}{323}$	$\frac{116}{323}$	$\Phi_{323}\ \Phi_{19}\ \Phi_{17}\ \Phi_{1}^{2}$
6967	324	182	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{182}^{3}\ \Phi_{91}\ \Phi_{26}^{3}$
6968	324	370	$\frac{1}{10}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{370}\ \Phi_{185}\ \Phi_{74}$
6969	324	323	$\frac{32}{323}$	$\frac{35}{323}$	$\frac{97}{323}$	$\frac{113}{323}$	$\Phi_{323}\ \Phi_{19}\ \Phi_{17}\ \Phi_{1}^{2}$
6970	324	385	$\frac{4}{55}$	$\frac{1}{7}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{385}\ \Phi_{77}\ \Phi_{35}$
6971	324	323	$\frac{14}{323}$	$\frac{71}{323}$	$\frac{103}{323}$	$\frac{110}{323}$	$\Phi_{323}\ \Phi_{19}\ \Phi_{17}\ \Phi_{1}^{2}$
6972	324	436	$\frac{4}{109}$	$\frac{1}{4}$	$\frac{35}{109}$	$\frac{37}{109}$	$\Phi_{436}\ \Phi_{218}$
6973	324	323	$\frac{8}{323}$	$\frac{105}{323}$	$\frac{107}{323}$	$\frac{109}{323}$	$\Phi_{323}\ \Phi_{19}\ \Phi_{17}\ \Phi_{1}^{2}$
6974	324	489	$\frac{4}{163}$	$\frac{53}{163}$	$\frac{1}{3}$	$\frac{55}{163}$	Φ_{489}
6975	324	120	$\frac{1}{40}$	$\frac{13}{40}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^{2}\ \Phi_{60}^{2}\ \Phi_{40}^{4}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{4}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
6976	324	84	$\frac{1}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{84}^{3}\ \Phi_{42}^{3}\ \Phi_{28}^{6}\ \Phi_{21}^{3}\ \Phi_{14}^{6}\ \Phi_{12}^{2}\ \Phi_{7}^{6}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
6977	324	255	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{255}\ \Phi_{85}^{2}\ \Phi_{51}\ \Phi_{17}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
6978	324	300	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{300}\ \Phi_{150}\ \Phi_{100}^{2}\ \Phi_{75}\ \Phi_{50}^{2}\ \Phi_{25}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
6979	324	96	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{96}^{3}\ \Phi_{48}^{2}\ \Phi_{32}^{6}\ \Phi_{24}^{2}\ \Phi_{16}^{4}\ \Phi_{12}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
6980	324	264	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{264}\ \Phi_{132}\ \Phi_{88}^{2}\ \Phi_{66}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
6981	324	30	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{30}^{8}\ \Phi_{15}^{8}\ \Phi_{10}^{16}\ \Phi_{6}^{8}\ \Phi_{5}^{16}\ \Phi_{3}^{9}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
6982	324	636	$\frac{2}{53}$	$\frac{1}{4}$	$\frac{17}{53}$	$\frac{1}{3}$	$\Phi_{636}\ \Phi_{318}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
6983	324	489	$\frac{7}{163}$	$\frac{37}{163}$	$\frac{52}{163}$	$\frac{1}{3}$	Φ_{489}
6984	324	273	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{273}^{2}\ \Phi_{21}^{3}$
6985	324	489	$\frac{16}{163}$	$\frac{19}{163}$	$\frac{49}{163}$	$\frac{1}{3}$	Φ_{489}
6986	324	510	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{102}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}$
6987	324	489	$\frac{13}{163}$	$\frac{25}{163}$	$\frac{46}{163}$	$\frac{1}{3}$	Φ_{489}
6988	324	228	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^{2}\ \Phi_{114}^{2}\ \Phi_{57}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
6989	324	636	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{636}\ \Phi_{318}\ \Phi_{12}^2\ \Phi_6^2$
6990	324	420	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}\ \Phi_{21}$
6991	324	140	$\frac{2}{35}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{11}{35}$	$\Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
6992	324	323	$\frac{20}{323}$	$\frac{74}{323}$	$\frac{83}{323}$	$\frac{101}{323}$	$\Phi_{323}\ \Phi_{19}\ \Phi_{17}\ \Phi_1^2$
6993	324	436	$\frac{7}{109}$	$\frac{25}{109}$	$\frac{1}{4}$	$\frac{34}{109}$	$\Phi_{436}\ \Phi_{218}$
6994	324	143	$\frac{1}{13}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{4}{13}$	$\Phi_{143}^2\ \Phi_{13}^4\ \Phi_{11}^3\ \Phi_1^6$
6995	324	260	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{260}^2\ \Phi_{130}^2\ \Phi_{20}^3\ \Phi_{10}^3$
6996	324	323	$\frac{26}{323}$	$\frac{56}{323}$	$\frac{89}{323}$	$\frac{99}{323}$	$\Phi_{323}\ \Phi_{19}\ \Phi_{17}\ \Phi_1^2$
6997	324	410	$\frac{7}{82}$	$\frac{1}{5}$	$\frac{19}{82}$	$\frac{25}{82}$	$\Phi_{410}\ \Phi_{205}\ \Phi_{10}$
6998	324	323	$\frac{29}{323}$	$\frac{62}{323}$	$\frac{75}{323}$	$\frac{98}{323}$	$\Phi_{323}\ \Phi_{19}\ \Phi_{17}\ \Phi_1^2$
6999	324	436	$\frac{10}{109}$	$\frac{19}{109}$	$\frac{1}{4}$	$\frac{33}{109}$	$\Phi_{436}\ \Phi_{218}$
7000	324	17	$\frac{2}{17}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{5}{17}$	$\Phi_{17}^{19}\ \Phi_1^{20}$
7001	324	476	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{476}\ \Phi_{238}\ \Phi_{28}^2\ \Phi_{14}^2$
7002	324	34	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{34}$	$\frac{5}{17}$	$\Phi_{34}^{12}\ \Phi_{17}^7\ \Phi_2^{12}\ \Phi_1^8$
7003	324	385	$\frac{7}{55}$	$\frac{1}{7}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{385}\ \Phi_{77}\ \Phi_{35}$
7004	324	38	$\frac{5}{38}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{11}{38}$	$\Phi_{38}^8\ \Phi_{19}^9\ \Phi_2^8\ \Phi_1^{10}$
7005	324	323	$\frac{41}{323}$	$\frac{47}{323}$	$\frac{77}{323}$	$\frac{92}{323}$	$\Phi_{323}\ \Phi_{19}\ \Phi_{17}\ \Phi_1^2$
7006	324	436	$\frac{13}{109}$	$\frac{16}{109}$	$\frac{1}{4}$	$\frac{31}{109}$	$\Phi_{436}\ \Phi_{218}$
7007	324	175	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{175}^2\ \Phi_{35}^3\ \Phi_7^2$
7008	324	220	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{220}^2\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{20}^4\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
7009	324	370	$\frac{1}{10}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{370}\ \Phi_{185}\ \Phi_{74}$
7010	324	95	$\frac{14}{95}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{95}^4\ \Phi_{19}\ \Phi_5^4\ \Phi_1^2$
7011	324	323	$\frac{27}{323}$	$\frac{74}{323}$	$\frac{80}{323}$	$\frac{83}{323}$	$\Phi_{323}\ \Phi_{19}\ \Phi_{17}\ \Phi_1^2$
7012	324	436	$\frac{9}{109}$	$\frac{25}{109}$	$\frac{1}{4}$	$\frac{28}{109}$	$\Phi_{436}\ \Phi_{218}$
7013	324	52	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{52}^7\ \Phi_{26}^7\ \Phi_{13}^6$
7014	324	140	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
7015	324	20	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{20}^{14}\ \Phi_{10}^{18}\ \Phi_5^{17}\ \Phi_4^{16}\ \Phi_2^{20}\ \Phi_1^{20}$
7016	324	28	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{28}^{10}\ \Phi_{14}^{10}\ \Phi_7^{15}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{18}$
7017	325	128	$\frac{1}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{63}{128}$	$\Phi_{128}^5\ \Phi_8\ \Phi_1$
7018	325	576	$\frac{1}{36}$	$\frac{37}{288}$	$\frac{251}{576}$	$\frac{35}{72}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{72}\ \Phi_{64}\ \Phi_{24}\ \Phi_8\ \Phi_1$
7019	325	432	$\frac{1}{36}$	$\frac{107}{432}$	$\frac{37}{144}$	$\frac{35}{72}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
7020	325	126	$\frac{2}{63}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{126}^2\ \Phi_{63}^3\ \Phi_{42}^2\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^3\ \Phi_7^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
7021	325	48	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{23}{48}$	$\Phi_{48}^{13}\ \Phi_{24}\ \Phi_{16}^{13}\ \Phi_8\ \Phi_1$
7022	325	240	$\frac{1}{24}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{240}^3\ \Phi_{80}^3\ \Phi_{48}\ \Phi_{16}\ \Phi_{15}\ \Phi_5\ \Phi_1$
7023	325	144	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{23}{48}$	$\Phi_{144}^6\ \Phi_{48}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
7024	325	48	$\frac{1}{24}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{48}^5\ \Phi_{24}^8\ \Phi_{16}^6\ \Phi_{12}^8\ \Phi_8^9\ \Phi_6^8\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
7025	325	264	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{264}^2\ \Phi_{88}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
7026	325	396	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{71}{396}$	$\frac{61}{132}$	$\Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
7027	325	216	$\frac{2}{27}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{216}^3\ \Phi_{72}^3\ \Phi_{27}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
7028	325	72	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{11}{24}$	$\Phi_{72}^{12}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
7029	325	168	$\frac{1}{12}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{168}^{4}\ \Phi_{56}^{4}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
7030	325	96	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{11}{24}$	$\Phi_{96}^{4}\ \Phi_{48}^{4}\ \Phi_{32}^{5}\ \Phi_{24}\ \Phi_{16}^{5}\ \Phi_{8}\ \Phi_{1}$
7031	325	24	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{24}^{25}\ \Phi_{8}^{25}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
7032	325	63	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{11}{63}$	$\frac{4}{9}$	$\Phi_{63}^{5}\ \Phi_{21}^{5}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
7033	325	576	$\frac{1}{12}$	$\frac{37}{288}$	$\frac{11}{48}$	$\frac{251}{576}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
7034	325	72	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{72}^{5}\ \Phi_{36}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
7035	325	66	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{66}^{6}\ \Phi_{33}^{6}\ \Phi_{22}\ \Phi_{11}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
7036	325	81	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{16}{81}$	$\frac{11}{27}$	$\Phi_{81}^{5}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
7037	325	108	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{11}{54}$	$\frac{43}{108}$	$\Phi_{108}^{5}\ \Phi_{36}^{5}\ \Phi_{27}^{2}\ \Phi_{12}^{5}\ \Phi_{9}^{2}\ \Phi_{4}^{5}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
7038	325	384	$\frac{1}{12}$	$\frac{59}{384}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
7039	325	528	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{264}$	$\frac{203}{528}$	$\Phi_{528}\ \Phi_{176}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
7040	325	96	$\frac{1}{32}$	$\frac{1}{4}$	$\frac{31}{96}$	$\frac{3}{8}$	$\Phi_{96}^{5}\ \Phi_{48}^{5}\ \Phi_{24}^{5}\ \Phi_{12}^{5}\ \Phi_{8}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}$
7041	325	336	$\frac{11}{336}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
7042	325	136	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{136}^{4}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
7043	325	16	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{16}^{20}\ \Phi_{8}^{21}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
7044	325	168	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^{4}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
7045	325	352	$\frac{27}{352}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
7046	325	384	$\frac{5}{64}$	$\frac{59}{384}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
7047	325	72	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^{5}\ \Phi_{36}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{8}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}$
7048	325	504	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{252}$	$\frac{179}{504}$	$\Phi_{504}\ \Phi_{168}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
7049	325	135	$\frac{2}{27}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{135}^{3}\ \Phi_{45}^{3}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
7050	325	180	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{180}^{3}\ \Phi_{90}^{3}\ \Phi_{45}^{3}\ \Phi_{36}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
7051	325	54	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{54}^{6}\ \Phi_{27}^{7}\ \Phi_{18}^{4}\ \Phi_{9}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
7052	325	432	$\frac{2}{27}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{72}\ \Phi_{27}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
7053	325	420	$\frac{3}{28}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{15}\ \Phi_{14}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
7054	325	84	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{84}^{5}\ \Phi_{42}^{2}\ \Phi_{28}^{5}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{5}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
7055	325	72	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{72}^{5}\ \Phi_{36}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{2}\ \Phi_{12}^{5}\ \Phi_{9}^{3}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
7056	325	480	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{80}\ \Phi_{32}\ \Phi_{16}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
7057	325	30	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{30}^{12}\ \Phi_{15}^{13}\ \Phi_{10}^{12}\ \Phi_{6}^{4}\ \Phi_{5}^{13}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
7058	325	36	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{11}{36}$	$\Phi_{36}^{7}\ \Phi_{18}^{8}\ \Phi_{12}^{12}\ \Phi_{9}^{8}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
7059	325	144	$\frac{1}{12}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{144}^{4}\ \Phi_{72}^{4}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
7060	325	252	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{252}^{2}\ \Phi_{126}^{2}\ \Phi_{63}^{2}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
7061	325	288	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{32}$	$\frac{5}{18}$	$\Phi_{288}^{2}\ \Phi_{144}^{2}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
7062	325	18	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{18}^{25}\ \Phi_{9}^{25}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
7063	325	432	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{107}{432}$	$\frac{37}{144}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
7064	325	112	$\frac{3}{28}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{112}^{4}\ \Phi_{56}^{4}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
7065	325	32	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{32}^{13}\ \Phi_{16}^{6}\ \Phi_{8}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
7066	325	48	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{48}^{8}\ \Phi_{24}^{8}\ \Phi_{16}^{9}\ \Phi_{8}^{9}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
7067	326	260	$\frac{1}{65}$	$\frac{33}{130}$	$\frac{97}{260}$	$\frac{32}{65}$	$\Phi_{260}^2\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{20}^2\ \Phi_{13}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
7068	326	320	$\frac{3}{160}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{157}{320}$	$\Phi_{320}^2\ \Phi_{64}^2\ \Phi_5\ \Phi_1^2$
7069	326	960	$\frac{3}{160}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{157}{320}$	$\Phi_{960}\ \Phi_{192}\ \Phi_{12}\ \Phi_6$
7070	326	315	$\frac{11}{315}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{152}{315}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
7071	326	220	$\frac{2}{55}$	$\frac{1}{5}$	$\frac{57}{220}$	$\frac{53}{110}$	$\Phi_{220}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{20}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
7072	326	300	$\frac{1}{25}$	$\frac{13}{150}$	$\frac{137}{300}$	$\frac{12}{25}$	$\Phi_{300}^2\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
7073	326	225	$\frac{1}{25}$	$\frac{13}{75}$	$\frac{62}{225}$	$\frac{12}{25}$	$\Phi_{225}^2\ \Phi_{45}^2\ \Phi_{25}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
7074	326	200	$\frac{1}{25}$	$\frac{37}{200}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{200}^2\ \Phi_{100}^2\ \Phi_{40}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
7075	326	312	$\frac{7}{156}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{149}{312}$	$\Phi_{312}^2\ \Phi_{104}^2\ \Phi_{24}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
7076	326	234	$\frac{1}{13}$	$\frac{7}{78}$	$\frac{71}{234}$	$\frac{6}{13}$	$\Phi_{234}^2\ \Phi_{117}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_1^2$
7077	326	182	$\frac{1}{13}$	$\frac{19}{182}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{182}^2\ \Phi_{91}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_1^2$
7078	326	208	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{45}{208}$	$\frac{6}{13}$	$\Phi_{208}^2\ \Phi_{104}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
7079	326	195	$\frac{1}{13}$	$\frac{32}{195}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{195}^2\ \Phi_{65}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_5^2\ \Phi_1^2$
7080	326	300	$\frac{13}{150}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{137}{300}$	$\Phi_{300}^2\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
7081	326	180	$\frac{17}{180}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
7082	326	275	$\frac{4}{55}$	$\frac{51}{275}$	$\frac{1}{5}$	$\frac{112}{275}$	$\Phi_{275}\ \Phi_{55}^2\ \Phi_{25}\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
7083	326	240	$\frac{3}{80}$	$\frac{1}{5}$	$\frac{77}{240}$	$\frac{2}{5}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
7084	326	170	$\frac{7}{170}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{170}^2\ \Phi_{85}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_5\ \Phi_1^2$
7085	326	200	$\frac{3}{40}$	$\frac{37}{200}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{200}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
7086	326	180	$\frac{17}{180}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
7087	326	168	$\frac{5}{168}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7088	326	246	$\frac{1}{41}$	$\frac{40}{123}$	$\frac{1}{3}$	$\frac{83}{246}$	$\Phi_{246}^2\ \Phi_{123}\ \Phi_{82}^2\ \Phi_6^2\ \Phi_2^2$
7089	326	240	$\frac{3}{80}$	$\frac{1}{4}$	$\frac{77}{240}$	$\frac{1}{3}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7090	326	528	$\frac{13}{176}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
7091	326	600	$\frac{3}{40}$	$\frac{37}{200}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{12}\ \Phi_6$
7092	326	192	$\frac{3}{32}$	$\frac{29}{192}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{192}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7093	326	180	$\frac{17}{180}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7094	326	225	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{5}$	$\frac{62}{225}$	$\Phi_{225}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
7095	326	180	$\frac{17}{180}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
7096	326	210	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{47}{210}$	$\frac{4}{15}$	$\Phi_{210}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
7097	327	420	$\frac{4}{105}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{101}{210}$	$\Phi_{420}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
7098	327	132	$\frac{1}{22}$	$\frac{23}{132}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{132}^3\ \Phi_{66}^3\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{22}\ \Phi_{12}^3\ \Phi_{11}\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
7099	327	200	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{91}{200}$	$\Phi_{200}^3\ \Phi_{40}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
7100	327	120	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_8^3\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
7101	327	396	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{4}$	$\frac{89}{198}$	$\Phi_{396}\ \Phi_{132}\ \Phi_{99}\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
7102	327	176	$\frac{1}{22}$	$\frac{21}{88}$	$\frac{1}{4}$	$\frac{67}{176}$	$\Phi_{176}^3\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{16}^3\ \Phi_{11}\ \Phi_4\ \Phi_1$
7103	327	163	$\frac{4}{163}$	$\frac{53}{163}$	$\frac{54}{163}$	$\frac{55}{163}$	$\Phi_{163}^2\ \Phi_1^3$
7104	327	141	$\frac{2}{47}$	$\frac{32}{141}$	$\frac{15}{47}$	$\frac{1}{3}$	$\Phi_{141}^2\ \Phi_{47}^3\ \Phi_3\ \Phi_1^3$
7105	327	132	$\frac{1}{11}$	$\frac{23}{132}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{12}^2\ \Phi_{11}^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
7106	327	300	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{4}$	$\frac{41}{150}$	$\Phi_{300}^2\ \Phi_{150}\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
7107	327	120	$\frac{11}{120}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{120}^3\ \Phi_{60}^2\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
7108	327	140	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{140}$	$\frac{1}{4}$	$\Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_7^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
7109	328	81	$\frac{1}{81}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{40}{81}$	$\Phi_{81}^4\ \Phi_{27}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
7110	328	327	$\frac{5}{327}$	$\frac{83}{327}$	$\frac{122}{327}$	$\frac{161}{327}$	$\Phi_{327}\ \Phi_{109}\ \Phi_3\ \Phi_1^2$
7111	328	165	$\frac{1}{55}$	$\frac{14}{55}$	$\frac{1}{3}$	$\frac{27}{55}$	$\Phi_{165}^3\ \Phi_{33}^3\ \Phi_{15}^3\ \Phi_3^2$
7112	328	560	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{39}{80}$	$\Phi_{560}\ \Phi_{112}\ \Phi_{80}^2\ \Phi_{16}^2\ \Phi_7\ \Phi_1^2$
7113	328	240	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{240}^4\ \Phi_{48}^4\ \Phi_{15}$
7114	328	99	$\frac{1}{33}$	$\frac{17}{99}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{99}^4\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
7115	328	315	$\frac{13}{315}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{151}{315}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
7116	328	234	$\frac{2}{39}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{234}^3\ \Phi_{78}^2\ \Phi_{26}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7117	328	231	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{36}{77}$	$\Phi_{231}^2\ \Phi_{33}^3\ \Phi_{21}^2\ \Phi_3^2$
7118	328	45	$\frac{1}{15}$	$\frac{4}{45}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{45}^8\ \Phi_{15}^6\ \Phi_9^8\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
7119	328	504	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{504}\ \Phi_{168}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_6$
7120	328	132	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{132}^4\ \Phi_{66}^4\ \Phi_{33}^3\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^2$
7121	328	75	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{1}{3}$	$\frac{34}{75}$	$\Phi_{75}^4\ \Phi_{25}^4\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
7122	328	297	$\frac{2}{33}$	$\frac{31}{297}$	$\frac{1}{3}$	$\frac{133}{297}$	$\Phi_{297}\ \Phi_{99}\ \Phi_{33}^2\ \Phi_{27}\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
7123	328	72	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{72}^8\ \Phi_{24}^8\ \Phi_{18}^3\ \Phi_9^2\ \Phi_8^8\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7124	328	420	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{19}{60}$	$\frac{3}{7}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
7125	328	308	$\frac{3}{44}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{308}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_1^2$
7126	328	315	$\frac{4}{45}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
7127	328	350	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{50}$	$\frac{3}{7}$	$\Phi_{350}\ \Phi_{175}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_7\ \Phi_1^2$
7128	328	336	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{48}$	$\frac{3}{7}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
7129	328	144	$\frac{1}{9}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{144}^3\ \Phi_{72}^3\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7130	328	630	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{630}\ \Phi_{210}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}\ \Phi_6$
7131	328	255	$\frac{3}{85}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{255}^2\ \Phi_{51}^2\ \Phi_{15}$
7132	328	66	$\frac{1}{33}$	$\frac{8}{33}$	$\frac{1}{3}$	$\frac{25}{66}$	$\Phi_{66}^8\ \Phi_{33}^2\ \Phi_{22}^8\ \Phi_{11}^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
7133	328	42	$\frac{1}{42}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{42}^8\ \Phi_{21}^8\ \Phi_{14}^8\ \Phi_7^8\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
7134	328	243	$\frac{2}{81}$	$\frac{79}{243}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{243}^2\ \Phi_3\ \Phi_1^2$
7135	328	54	$\frac{1}{27}$	$\frac{13}{54}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{54}^8\ \Phi_{27}^4\ \Phi_{18}^8\ \Phi_9^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
7136	328	171	$\frac{7}{171}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{171}^2\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_3\ \Phi_1^2$
7137	328	189	$\frac{2}{27}$	$\frac{25}{189}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{189}^2\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
7138	328	45	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{45}^8\ \Phi_{15}^8\ \Phi_9^4\ \Phi_5^8\ \Phi_3^5\ \Phi_1^6$
7139	328	60	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{60}^4\ \Phi_{30}^4\ \Phi_{20}^8\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^8\ \Phi_6^4\ \Phi_5^8\ \Phi_4^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
7140	328	99	$\frac{2}{33}$	$\frac{17}{99}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{99}^3\ \Phi_{33}^4\ \Phi_{11}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
7141	328	231	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{231}$	$\frac{1}{3}$	$\Phi_{231}\ \Phi_{77}^2\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{11}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
7142	328	45	$\frac{4}{45}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{45}^7\ \Phi_{15}^8\ \Phi_9^7\ \Phi_5^8\ \Phi_3^7\ \Phi_1^8$
7143	328	225	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{61}{225}$	$\frac{1}{3}$	$\Phi_{225}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
7144	328	165	$\frac{3}{55}$	$\frac{13}{55}$	$\frac{14}{55}$	$\frac{1}{3}$	$\Phi_{165}^3\ \Phi_{33}^3\ \Phi_{15}^3\ \Phi_3^2$
7145	328	660	$\frac{3}{44}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{15}$
7146	328	105	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{23}{105}$	$\frac{1}{3}$	$\Phi_{105}^3\ \Phi_{35}^3\ \Phi_{21}^3\ \Phi_{15}^4\ \Phi_7^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
7147	328	45	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{45}^8\ \Phi_{15}^5\ \Phi_9^8\ \Phi_5^8\ \Phi_3^4\ \Phi_1^8$
7148	328	150	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{150}^4\ \Phi_{75}^4\ \Phi_{15}$
7149	328	240	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{240}^2\ \Phi_{120}\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
7150	328	54	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{54}^8\ \Phi_{27}^8\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7151	329	276	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{45}{92}$	$\Phi_{138}^2\ \Phi_{92}\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
7152	329	828	$\frac{1}{46}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{828}\ \Phi_{92}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
7153	329	640	$\frac{9}{320}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{311}{640}$	$\Phi_{640}\ \Phi_{128}\ \Phi_{16}\ \Phi_1$
7154	329	360	$\frac{2}{45}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
7155	329	624	$\frac{17}{312}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{295}{624}$	$\Phi_{624}\ \Phi_{208}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
7156	329	64	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{64}^7\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
7157	329	88	$\frac{3}{44}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{88}^3\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
7158	329	168	$\frac{5}{42}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{168}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{24}^4\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
7159	329	480	$\frac{9}{160}$	$\frac{1}{8}$	$\frac{151}{480}$	$\frac{7}{16}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
7160	329	352	$\frac{23}{352}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
7161	329	400	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{71}{400}$	$\frac{7}{16}$	$\Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
7162	329	384	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{55}{384}$	$\frac{7}{16}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
7163	329	576	$\frac{1}{8}$	$\frac{41}{288}$	$\frac{7}{48}$	$\frac{247}{576}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
7164	329	384	$\frac{1}{8}$	$\frac{55}{384}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
7165	329	276	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{22}{69}$	$\frac{5}{12}$	$\Phi_{276}^2\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
7166	329	80	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{80}^7\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
7167	329	72	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{72}^3\ \Phi_{36}^4\ \Phi_{24}^7\ \Phi_{18}^4\ \Phi_{12}^7\ \Phi_9^4\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
7168	329	492	$\frac{1}{41}$	$\frac{40}{123}$	$\frac{163}{492}$	$\frac{83}{246}$	$\Phi_{492}\ \Phi_{164}\ \Phi_{123}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
7169	329	207	$\frac{1}{23}$	$\frac{2}{9}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{207}^2\ \Phi_{69}\ \Phi_9^3\ \Phi_3\ \Phi_1$
7170	329	216	$\frac{1}{8}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
7171	329	120	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{120}^3\ \Phi_{60}^2\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{24}^4\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
7172	329	432	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{103}{432}$	$\frac{41}{144}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
7173	330	520	$\frac{1}{65}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{32}{65}$	$\Phi_{520}\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}\ \Phi_{13}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
7174	330	540	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{53}{108}$	$\Phi_{540}\ \Phi_{180}\ \Phi_{108}^2\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
7175	330	108	$\frac{1}{54}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{53}{108}$	$\Phi_{108}^2\ \Phi_{54}^4\ \Phi_{36}^2\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_9^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
7176	330	94	$\frac{1}{47}$	$\frac{8}{47}$	$\frac{39}{94}$	$\frac{23}{47}$	$\Phi_{94}^6\ \Phi_{47}\ \Phi_2^6\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
7177	330	322	$\frac{4}{161}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{157}{322}$	$\Phi_{322}^2\ \Phi_{46}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
7178	330	148	$\frac{1}{37}$	$\frac{1}{4}$	$\frac{19}{74}$	$\frac{18}{37}$	$\Phi_{148}^3\ \Phi_{74}\ \Phi_{37}^2\ \Phi_4^2\ \Phi_1^2$
7179	330	576	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{31}{64}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{64}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
7180	330	192	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{192}^3\ \Phi_{64}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7181	330	580	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{14}{29}$	$\Phi_{580}\ \Phi_{116}\ \Phi_{29}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
7182	330	435	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{14}{29}$	$\Phi_{435}\ \Phi_{87}\ \Phi_{29}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
7183	330	84	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{10}{21}$	$\Phi_{84}^7\ \Phi_{28}^8\ \Phi_{21}\ \Phi_{12}^7\ \Phi_7\ \Phi_4^8\ \Phi_3\ \Phi_1^2$
7184	330	21	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{10}{21}$	$\Phi_{21}^{15}\ \Phi_7^{17}\ \Phi_3^{15}\ \Phi_1^{18}$
7185	330	84	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{84}^5\ \Phi_{42}^2\ \Phi_{28}^5\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^7\ \Phi_7^3\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
7186	330	224	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{59}{224}$	$\frac{53}{112}$	$\Phi_{224}^2\ \Phi_{56}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
7187	330	728	$\frac{3}{52}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{728}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
7188	330	47	$\frac{3}{47}$	$\frac{5}{47}$	$\frac{14}{47}$	$\frac{22}{47}$	$\Phi_{47}^7\ \Phi_1^8$
7189	330	84	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{84}^3\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_7^4\ \Phi_6^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
7190	330	28	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{13}{28}$	$\Phi_{28}^{22}\ \Phi_{14}^2\ \Phi_7\ \Phi_4^{22}\ \Phi_2^2\ \Phi_1^2$
7191	330	402	$\frac{5}{67}$	$\frac{1}{6}$	$\frac{12}{67}$	$\frac{31}{67}$	$\Phi_{402}\ \Phi_{201}\ \Phi_{134}$
7192	330	329	$\frac{25}{329}$	$\frac{54}{329}$	$\frac{59}{329}$	$\frac{152}{329}$	$\Phi_{329}\ \Phi_{47}\ \Phi_7\ \Phi_1^2$
7193	330	148	$\frac{3}{37}$	$\frac{4}{37}$	$\frac{1}{4}$	$\frac{17}{37}$	$\Phi_{148}^3\ \Phi_{74}^3\ \Phi_4^2\ \Phi_2^2$
7194	330	240	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{60}\ \Phi_{48}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
7195	330	580	$\frac{2}{29}$	$\frac{1}{10}$	$\frac{9}{29}$	$\frac{9}{20}$	$\Phi_{580}\ \Phi_{116}\ \Phi_{29}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
7196	330	220	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{220}\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{22}^3\ \Phi_{11}^2$
7197	330	580	$\frac{1}{10}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{9}{20}$	$\Phi_{580}\ \Phi_{116}\ \Phi_{29}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
7198	330	420	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{420}^2\ \Phi_{140}\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
7199	330	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{5}{16}$	$\frac{4}{9}$	$\Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^4\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
7200	330	36	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{36}^8\ \Phi_{18}^8\ \Phi_{12}^{11}\ \Phi_9^9\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
7201	330	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{4}{9}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
7202	330	98	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{98}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
7203	330	448	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{448}\ \Phi_{224}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
7204	330	329	$\frac{17}{329}$	$\frac{45}{329}$	$\frac{104}{329}$	$\frac{142}{329}$	$\Phi_{329}\ \Phi_{47}\ \Phi_7\ \Phi_1^2$
7205	330	35	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{35}^{10}\ \Phi_7^7\ \Phi_5^{10}\ \Phi_1^8$
7206	330	672	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
7207	330	372	$\frac{1}{12}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}$
7208	330	94	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{8}{47}$	$\frac{39}{94}$	$\Phi_{94}^6\ \Phi_{47}\ \Phi_2^6\ \Phi_1^2$
7209	330	56	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{23}{56}$	$\Phi_{56}^{10}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^{10}\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
7210	330	329	$\frac{24}{329}$	$\frac{61}{329}$	$\frac{65}{329}$	$\frac{134}{329}$	$\Phi_{329}\ \Phi_{47}\ \Phi_7\ \Phi_1^2$
7211	330	148	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{1}{4}$	$\frac{15}{37}$	$\Phi_{148}^3\ \Phi_{74}^3\ \Phi_4^2\ \Phi_2^2$
7212	330	47	$\frac{2}{47}$	$\frac{9}{47}$	$\frac{14}{47}$	$\frac{19}{47}$	$\Phi_{47}^7\ \Phi_1^8$
7213	330	285	$\frac{2}{57}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{285}\ \Phi_{95}\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_5\ \Phi_1^2$
7214	330	405	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{26}{81}$	$\frac{2}{5}$	$\Phi_{405}\ \Phi_{81}^2\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
7215	330	360	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{17}{72}$	$\frac{2}{5}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
7216	330	135	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{135}^2\ \Phi_{45}^2\ \Phi_{27}^4\ \Phi_{15}^2\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^6$
7217	330	60	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{60}^5\ \Phi_{30}^4\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{12}^{10}\ \Phi_{10}^4\ \Phi_6^8\ \Phi_5^5\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
7218	330	315	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{35}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
7219	330	558	$\frac{1}{31}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{558}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
7220	330	408	$\frac{1}{34}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{408}^2\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}\ \Phi_6$
7221	330	520	$\frac{2}{65}$	$\frac{1}{4}$	$\frac{21}{65}$	$\frac{3}{8}$	$\Phi_{520}\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}\ \Phi_{13}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
7222	330	496	$\frac{1}{31}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{496}\ \Phi_{124}\ \Phi_{62}$
7223	330	184	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{184}^3\ \Phi_{92}\ \Phi_{46}$
7224	330	280	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^2\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{35}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
7225	330	104	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{104}^5\ \Phi_{13}^5\ \Phi_8^6\ \Phi_1^6$
7226	330	168	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^4\ \Phi_{84}\ \Phi_{56}^3\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
7227	330	329	$\frac{19}{329}$	$\frac{62}{329}$	$\frac{89}{329}$	$\frac{120}{329}$	$\Phi_{329}\ \Phi_{47}\ \Phi_7\ \Phi_1^2$
7228	330	372	$\frac{1}{12}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}$
7229	330	329	$\frac{26}{329}$	$\frac{43}{329}$	$\frac{101}{329}$	$\frac{114}{329}$	$\Phi_{329}\ \Phi_{47}\ \Phi_7\ \Phi_1^2$
7230	330	84	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{84}^6\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
7231	330	402	$\frac{4}{67}$	$\frac{1}{6}$	$\frac{21}{67}$	$\frac{23}{67}$	$\Phi_{402}\ \Phi_{201}\ \Phi_{134}$
7232	330	228	$\frac{2}{57}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{12}\ \Phi_6$
7233	330	324	$\frac{1}{27}$	$\frac{1}{4}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{12}\ \Phi_6$
7234	330	48	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{48}^6\ \Phi_{24}^6\ \Phi_{16}^8\ \Phi_{12}^6\ \Phi_8^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
7235	330	498	$\frac{13}{166}$	$\frac{23}{166}$	$\frac{51}{166}$	$\frac{1}{3}$	$\Phi_{498}\ \Phi_{249}\ \Phi_6$
7236	330	84	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{84}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_{12}^6\ \Phi_7^4\ \Phi_6^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
7237	330	498	$\frac{11}{166}$	$\frac{31}{166}$	$\frac{45}{166}$	$\frac{1}{3}$	$\Phi_{498}\ \Phi_{249}\ \Phi_6$
7238	330	240	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
7239	330	72	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{72}^6\ \Phi_{36}^2\ \Phi_{24}^6\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_9^4\ \Phi_8^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
7240	330	468	$\frac{7}{117}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}\ \Phi_{12}\ \Phi_6$
7241	330	108	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{108}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_4^4\ \Phi_2^4$
7242	330	12	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{12}^{27}\ \Phi_6^{29}\ \Phi_4^{26}\ \Phi_3^{28}\ \Phi_2^{28}\ \Phi_1^{28}$
7243	330	252	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_6$
7244	330	120	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7245	330	435	$\frac{2}{29}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{9}{29}$	$\Phi_{435}\ \Phi_{87}\ \Phi_{29}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
7246	330	504	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{63}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
7247	330	63	$\frac{8}{63}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{63}^6\ \Phi_{21}^3\ \Phi_9^6\ \Phi_7^5\ \Phi_3^3\ \Phi_1^6$
7248	330	14	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{14}^{30}\ \Phi_7^{17}\ \Phi_2^{30}\ \Phi_1^{18}$
7249	330	660	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{22}$
7250	330	435	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{435}\ \Phi_{87}\ \Phi_{29}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
7251	330	210	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{210}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2$
7252	330	84	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{84}^6\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^8\ \Phi_7\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
7253	331	528	$\frac{1}{66}$	$\frac{67}{264}$	$\frac{197}{528}$	$\frac{65}{132}$	$\Phi_{528}\ \Phi_{176}\ \Phi_{132}\ \Phi_{48}\ \Phi_{44}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
7254	331	444	$\frac{2}{111}$	$\frac{113}{444}$	$\frac{1}{3}$	$\frac{109}{222}$	$\Phi_{444}\ \Phi_{148}\ \Phi_{111}\ \Phi_{37}\ \Phi_{12}\ \Phi_4\ \Phi_1$
7255	331	648	$\frac{7}{324}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{317}{648}$	$\Phi_{648}\ \Phi_{216}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
7256	331	648	$\frac{7}{324}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{317}{648}$	$\Phi_{648}\ \Phi_{216}\ \Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
7257	331	600	$\frac{1}{30}$	$\frac{31}{300}$	$\frac{269}{600}$	$\frac{29}{60}$	$\Phi_{600}\ \Phi_{200}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
7258	331	640	$\frac{11}{320}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{309}{640}$	$\Phi_{640}\ \Phi_{128}\ \Phi_{20}\ \Phi_4\ \Phi_1$
7259	331	616	$\frac{1}{22}$	$\frac{23}{308}$	$\frac{285}{616}$	$\frac{21}{44}$	$\Phi_{616}\ \Phi_{88}\ \Phi_{56}\ \Phi_{44}\ \Phi_8\ \Phi_4\ \Phi_1$
7260	331	624	$\frac{19}{312}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{293}{624}$	$\Phi_{624}\ \Phi_{208}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
7261	331	480	$\frac{11}{160}$	$\frac{1}{10}$	$\frac{149}{480}$	$\frac{9}{20}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
7262	331	360	$\frac{29}{360}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
7263	331	400	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{69}{400}$	$\frac{9}{20}$	$\Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
7264	331	384	$\frac{5}{48}$	$\frac{53}{384}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
7265	331	588	$\frac{5}{42}$	$\frac{37}{294}$	$\frac{1}{6}$	$\frac{257}{588}$	$\Phi_{588}\ \Phi_{196}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
7266	331	576	$\frac{5}{48}$	$\frac{43}{288}$	$\frac{1}{6}$	$\frac{245}{576}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
7267	331	432	$\frac{7}{108}$	$\frac{1}{6}$	$\frac{101}{432}$	$\frac{5}{12}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
7268	331	360	$\frac{29}{360}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
7269	331	342	$\frac{11}{342}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_9\ \Phi_1$
7270	331	540	$\frac{1}{30}$	$\frac{61}{270}$	$\frac{29}{90}$	$\frac{209}{540}$	$\Phi_{540}\ \Phi_{180}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
7271	331	480	$\frac{1}{30}$	$\frac{29}{120}$	$\frac{149}{480}$	$\frac{91}{240}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
7272	331	528	$\frac{1}{22}$	$\frac{21}{88}$	$\frac{67}{264}$	$\frac{197}{528}$	$\Phi_{528}\ \Phi_{176}\ \Phi_{88}\ \Phi_{48}\ \Phi_{44}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
7273	331	504	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{79}{252}$	$\frac{173}{504}$	$\Phi_{504}\ \Phi_{168}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
7274	331	486	$\frac{7}{162}$	$\frac{2}{9}$	$\frac{155}{486}$	$\frac{1}{3}$	$\Phi_{486}\ \Phi_{243}\ \Phi_9\ \Phi_1$
7275	331	351	$\frac{20}{351}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{351}\ \Phi_{117}\ \Phi_{39}\ \Phi_{13}\ \Phi_9\ \Phi_1$
7276	331	432	$\frac{7}{108}$	$\frac{2}{9}$	$\frac{101}{432}$	$\frac{1}{3}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
7277	331	360	$\frac{29}{360}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
7278	331	405	$\frac{7}{81}$	$\frac{74}{405}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{405}\ \Phi_{135}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
7279	331	378	$\frac{47}{378}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
7280	331	432	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{101}{432}$	$\frac{43}{144}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
7281	332	492	$\frac{1}{82}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{81}{164}$	$\Phi_{492}\ \Phi_{164}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
7282	332	810	$\frac{2}{81}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{810}\ \Phi_{270}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
7283	332	560	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{560}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
7284	332	160	$\frac{3}{80}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{160}^4\ \Phi_{32}^4\ \Phi_{20}\ \Phi_{10}$
7285	332	780	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{73}{156}$	$\Phi_{780}\ \Phi_{260}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
7286	332	770	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{71}{154}$	$\Phi_{770}\ \Phi_{110}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
7287	332	480	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{80}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
7288	332	720	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{5}$	$\frac{61}{144}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{80}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
7289	332	140	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1}{5}$	$\frac{57}{140}$	$\Phi_{140}^4\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{10}\ \Phi_4^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
7290	332	440	$\frac{5}{88}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{20}\ \Phi_{10}$
7291	332	630	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{630}\ \Phi_{210}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
7292	332	123	$\frac{1}{41}$	$\frac{40}{123}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{123}^3\ \Phi_{41}^2\ \Phi_3^4\ \Phi_1^4$
7293	332	540	$\frac{2}{27}$	$\frac{1}{5}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
7294	332	90	$\frac{7}{90}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{90}^4\ \Phi_{45}^3\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
7295	332	120	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^4\ \Phi_3^4$
7296	332	540	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
7297	332	480	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
7298	332	100	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{100}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{20}\ \Phi_{10}$
7299	333	656	$\frac{5}{328}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{323}{656}$	$\Phi_{656}\ \Phi_{16}\ \Phi_8\ \Phi_1$
7300	333	448	$\frac{3}{112}$	$\frac{1}{4}$	$\frac{115}{448}$	$\frac{109}{224}$	$\Phi_{448}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
7301	333	144	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{35}{72}$	$\Phi_{144}^4\ \Phi_{72}\ \Phi_{48}^4\ \Phi_{24}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
7302	333	72	$\frac{1}{36}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{72}^9\ \Phi_{24}^9\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
7303	333	640	$\frac{13}{320}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{307}{640}$	$\Phi_{640}\ \Phi_{128}\ \Phi_{16}\ \Phi_8\ \Phi_1$
7304	333	140	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{33}{70}$	$\Phi_{140}^3\ \Phi_{35}^3\ \Phi_{28}^4\ \Phi_{20}^3\ \Phi_{14}\ \Phi_7^3\ \Phi_5^3\ \Phi_4^3\ \Phi_1^3$
7305	333	128	$\frac{1}{16}$	$\frac{17}{128}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{128}^3\ \Phi_{64}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
7306	333	208	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{97}{208}$	$\Phi_{208}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
7307	333	616	$\frac{25}{308}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{283}{616}$	$\Phi_{616}\ \Phi_{88}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
7308	333	624	$\frac{2}{39}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{624}\ \Phi_{208}\ \Phi_{39}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
7309	333	432	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{17}{54}$	$\frac{7}{16}$	$\Phi_{432}^2\ \Phi_{54}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
7310	333	80	$\frac{3}{40}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{80}^8\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}^5\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
7311	333	48	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{48}$	$\frac{7}{16}$	$\Phi_{48}^5\ \Phi_{24}^9\ \Phi_{16}^6\ \Phi_{12}^8\ \Phi_8^9\ \Phi_6^8\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
7312	333	720	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{45}$	$\frac{7}{16}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{80}\ \Phi_{45}\ \Phi_{16}\ \Phi_{15}\ \Phi_5\ \Phi_1$
7313	333	336	$\frac{5}{42}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{336}^2\ \Phi_{112}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
7314	333	196	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{4}$	$\frac{85}{196}$	$\Phi_{196}\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
7315	333	64	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{27}{64}$	$\Phi_{64}^9\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
7316	333	352	$\frac{19}{352}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
7317	333	560	$\frac{3}{56}$	$\frac{53}{280}$	$\frac{1}{4}$	$\frac{227}{560}$	$\Phi_{560}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
7318	333	56	$\frac{1}{28}$	$\frac{1}{4}$	$\frac{9}{28}$	$\frac{19}{56}$	$\Phi_{56}^9\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_8^9\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
7319	333	156	$\frac{2}{39}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{13}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
7320	333	108	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{108}^4\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
7321	333	48	$\frac{1}{16}$	$\frac{11}{48}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{48}^9\ \Phi_{24}^9\ \Phi_{16}^3\ \Phi_{12}^9\ \Phi_8^3\ \Phi_6^9\ \Phi_4^2\ \Phi_3^9\ \Phi_2^2\ \Phi_1^3$
7322	333	160	$\frac{13}{160}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{49}{160}$	$\Phi_{160}^2\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
7323	333	84	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{84}^6\ \Phi_{42}^3\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{14}\ \Phi_{12}^6\ \Phi_7^3\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
7324	333	40	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{40}^9\ \Phi_{20}^9\ \Phi_{10}^9\ \Phi_8^9\ \Phi_5^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
7325	333	48	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{48}^9\ \Phi_{24}^9\ \Phi_{16}^9\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
7326	333	180	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
7327	333	84	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{84}^4\ \Phi_{42}^5\ \Phi_{28}^4\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_7^5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
7328	333	140	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{140}$	$\frac{1}{4}$	$\Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
7329	333	128	$\frac{17}{128}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{128}^3\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
7330	333	400	$\frac{13}{80}$	$\frac{67}{400}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_8\ \Phi_1$
7331	334	330	$\frac{2}{165}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{163}{330}$	$\Phi_{330}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7332	334	672	$\frac{1}{56}$	$\frac{57}{224}$	$\frac{1}{3}$	$\frac{55}{112}$	$\Phi_{672}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
7333	334	984	$\frac{3}{164}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{161}{328}$	$\Phi_{984}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
7334	334	296	$\frac{1}{37}$	$\frac{19}{148}$	$\frac{129}{296}$	$\frac{18}{37}$	$\Phi_{296}^2\ \Phi_{37}\ \Phi_8^2\ \Phi_1^2$
7335	334	222	$\frac{1}{37}$	$\frac{55}{222}$	$\frac{19}{74}$	$\frac{18}{37}$	$\Phi_{222}^2\ \Phi_{111}^2\ \Phi_{37}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
7336	334	324	$\frac{5}{162}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{157}{324}$	$\Phi_{324}^2\ \Phi_{108}^2\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
7337	334	324	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{157}{324}$	$\Phi_{324}^2\ \Phi_{108}^2\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7338	334	966	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{155}{322}$	$\Phi_{966}\ \Phi_{138}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
7339	334	192	$\frac{1}{24}$	$\frac{25}{192}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7340	334	960	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{153}{320}$	$\Phi_{960}\ \Phi_{192}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
7341	334	315	$\frac{19}{315}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{148}{315}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_9\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
7342	334	312	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{145}{312}$	$\Phi_{312}^2\ \Phi_{104}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7343	334	924	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{3}$	$\frac{141}{308}$	$\Phi_{924}\ \Phi_{132}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
7344	334	243	$\frac{5}{81}$	$\frac{1}{9}$	$\frac{76}{243}$	$\frac{4}{9}$	$\Phi_{243}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
7345	334	180	$\frac{13}{180}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
7346	334	216	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{49}{216}$	$\frac{4}{9}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
7347	334	189	$\frac{1}{9}$	$\frac{22}{189}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{189}^2\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
7348	334	528	$\frac{9}{176}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
7349	334	294	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{1}{3}$	$\frac{127}{294}$	$\Phi_{294}^2\ \Phi_{98}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7350	334	288	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{1}{3}$	$\frac{121}{288}$	$\Phi_{288}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7351	334	840	$\frac{1}{28}$	$\frac{27}{140}$	$\frac{1}{3}$	$\frac{113}{280}$	$\Phi_{840}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
7352	334	252	$\frac{1}{42}$	$\frac{41}{126}$	$\frac{1}{3}$	$\frac{85}{252}$	$\Phi_{252}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7353	334	198	$\frac{2}{33}$	$\frac{31}{198}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7354	334	180	$\frac{13}{180}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7355	334	216	$\frac{1}{24}$	$\frac{49}{216}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7356	334	240	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{240}$	$\frac{1}{3}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7357	334	189	$\frac{2}{21}$	$\frac{22}{189}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{189}^2\ \Phi_{63}\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
7358	334	180	$\frac{13}{180}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7359	334	216	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{216}$	$\frac{1}{3}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7360	334	192	$\frac{1}{8}$	$\frac{25}{192}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{192}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7361	334	210	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{43}{210}$	$\frac{1}{3}$	$\Phi_{210}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7362	334	600	$\frac{1}{8}$	$\frac{33}{200}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
7363	335	264	$\frac{1}{66}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{65}{132}$	$\Phi_{264}^2\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{44}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
7364	335	384	$\frac{3}{64}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{384}^2\ \Phi_{128}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
7365	335	552	$\frac{2}{69}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{552}\ \Phi_{184}\ \Phi_{69}\ \Phi_{23}\ \Phi_{8}\ \Phi_{1}$
7366	335	792	$\frac{1}{33}$	$\frac{1}{4}$	$\frac{32}{99}$	$\frac{3}{8}$	$\Phi_{792}\ \Phi_{99}\ \Phi_{72}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
7367	335	88	$\frac{1}{22}$	$\frac{21}{88}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{88}^{3}\ \Phi_{44}^{5}\ \Phi_{22}^{4}\ \Phi_{11}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
7368	335	72	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^{5}\ \Phi_{36}^{5}\ \Phi_{24}^{3}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
7369	335	616	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}\ \Phi_{77}\ \Phi_{56}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
7370	335	102	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{102}^{3}\ \Phi_{51}^{4}\ \Phi_{34}^{3}\ \Phi_{17}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
7371	335	96	$\frac{3}{32}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{96}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{4}\ \Phi_{24}^{3}\ \Phi_{16}^{4}\ \Phi_{12}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
7372	335	240	$\frac{13}{80}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{240}^{2}\ \Phi_{120}^{2}\ \Phi_{80}\ \Phi_{60}^{2}\ \Phi_{40}\ \Phi_{30}^{2}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
7373	336	249	$\frac{1}{83}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{41}{83}$	$\Phi_{249}\ \Phi_{83}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
7374	336	67	$\frac{1}{67}$	$\frac{17}{67}$	$\frac{25}{67}$	$\frac{33}{67}$	$\Phi_{67}^{5}\ \Phi_{1}^{6}$
7375	336	507	$\frac{3}{169}$	$\frac{43}{169}$	$\frac{1}{3}$	$\frac{83}{169}$	$\Phi_{507}\ \Phi_{39}$
7376	336	55	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{27}{55}$	$\Phi_{55}^{6}\ \Phi_{11}^{6}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
7377	336	660	$\frac{1}{55}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{27}{55}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
7378	336	335	$\frac{7}{335}$	$\frac{57}{335}$	$\frac{139}{335}$	$\frac{164}{335}$	$\Phi_{335}\ \Phi_{67}\ \Phi_{5}\ \Phi_{1}^{2}$
7379	336	564	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{23}{47}$	$\Phi_{564}\ \Phi_{188}\ \Phi_{47}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
7380	336	423	$\frac{1}{47}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{423}\ \Phi_{47}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
7381	336	287	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{20}{41}$	$\Phi_{287}\ \Phi_{41}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
7382	336	615	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{615}\ \Phi_{15}^{2}$
7383	336	452	$\frac{3}{113}$	$\frac{1}{4}$	$\frac{29}{113}$	$\frac{55}{113}$	$\Phi_{452}\ \Phi_{226}$
7384	336	335	$\frac{9}{335}$	$\frac{43}{335}$	$\frac{146}{335}$	$\frac{163}{335}$	$\Phi_{335}\ \Phi_{67}\ \Phi_{5}\ \Phi_{1}^{2}$
7385	336	335	$\frac{9}{335}$	$\frac{83}{335}$	$\frac{86}{335}$	$\frac{163}{335}$	$\Phi_{335}\ \Phi_{67}\ \Phi_{5}\ \Phi_{1}^{2}$
7386	336	507	$\frac{5}{169}$	$\frac{29}{169}$	$\frac{1}{3}$	$\frac{82}{169}$	$\Phi_{507}\ \Phi_{39}$
7387	336	85	$\frac{3}{85}$	$\frac{1}{5}$	$\frac{22}{85}$	$\frac{41}{85}$	$\Phi_{85}^{4}\ \Phi_{17}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
7388	336	297	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{13}{27}$	$\Phi_{297}\ \Phi_{99}\ \Phi_{33}\ \Phi_{27}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
7389	336	189	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{189}^{2}\ \Phi_{63}^{2}\ \Phi_{21}^{3}\ \Phi_{7}^{2}$
7390	336	297	$\frac{1}{27}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{13}{27}$	$\Phi_{297}\ \Phi_{99}\ \Phi_{33}\ \Phi_{27}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
7391	336	540	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
7392	336	335	$\frac{13}{335}$	$\frac{29}{335}$	$\frac{153}{335}$	$\frac{161}{335}$	$\Phi_{335}\ \Phi_{67}\ \Phi_{5}\ \Phi_{1}^{2}$
7393	336	335	$\frac{13}{335}$	$\frac{62}{335}$	$\frac{87}{335}$	$\frac{161}{335}$	$\Phi_{335}\ \Phi_{67}\ \Phi_{5}\ \Phi_{1}^{2}$
7394	336	507	$\frac{7}{169}$	$\frac{22}{169}$	$\frac{1}{3}$	$\frac{81}{169}$	$\Phi_{507}\ \Phi_{39}$
7395	336	299	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{11}{23}$	$\Phi_{299}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{1}^{4}$
7396	336	552	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
7397	336	67	$\frac{3}{67}$	$\frac{5}{67}$	$\frac{31}{67}$	$\frac{32}{67}$	$\Phi_{67}^{5}\ \Phi_{1}^{6}$
7398	336	120	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{19}{40}$	$\Phi_{120}^{5}\ \Phi_{40}^{6}\ \Phi_{24}^{5}\ \Phi_{15}\ \Phi_{8}^{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
7399	336	360	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{360}^{2}\ \Phi_{120}\ \Phi_{72}^{2}\ \Phi_{40}^{2}\ \Phi_{24}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
7400	336	40	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{40}^{16}\ \Phi_{8}^{16}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
7401	336	335	$\frac{17}{335}$	$\frac{44}{335}$	$\frac{97}{335}$	$\frac{159}{335}$	$\Phi_{335}\ \Phi_{67}\ \Phi_{5}\ \Phi_{1}^{2}$
7402	336	133	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{133}^{3}\ \Phi_{7}^{2}$
7403	336	335	$\frac{19}{335}$	$\frac{59}{335}$	$\frac{69}{335}$	$\frac{158}{335}$	$\Phi_{335}\ \Phi_{67}\ \Phi_{5}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
7404	336	85	$\frac{1}{17}$	$\frac{3}{17}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{85}^5\ \Phi_5^4$
7405	336	392	$\frac{3}{49}$	$\frac{1}{8}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
7406	336	452	$\frac{7}{113}$	$\frac{15}{113}$	$\frac{1}{4}$	$\frac{53}{113}$	$\Phi_{452}\ \Phi_{226}$
7407	336	335	$\frac{21}{335}$	$\frac{41}{335}$	$\frac{89}{335}$	$\frac{157}{335}$	$\Phi_{335}\ \Phi_{67}\ \Phi_5\ \Phi_1^2$
7408	336	507	$\frac{11}{169}$	$\frac{15}{169}$	$\frac{1}{3}$	$\frac{79}{169}$	$\Phi_{507}\ \Phi_{39}$
7409	336	30	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{15}$	$\Phi_{30}^{10}\ \Phi_{15}^{11}\ \Phi_{10}^{12}\ \Phi_6^{10}\ \Phi_5^{13}\ \Phi_3^{11}\ \Phi_2^{12}\ \Phi_1^{14}$
7410	336	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{120}^3\ \Phi_{60}^2\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^6\ \Phi_6^2\ \Phi_5^3\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
7411	336	75	$\frac{1}{15}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{75}^5\ \Phi_{25}^6\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
7412	336	67	$\frac{5}{67}$	$\frac{7}{67}$	$\frac{18}{67}$	$\frac{31}{67}$	$\Phi_{67}^5\ \Phi_1^6$
7413	336	67	$\frac{5}{67}$	$\frac{11}{67}$	$\frac{12}{67}$	$\frac{31}{67}$	$\Phi_{67}^5\ \Phi_1^6$
7414	336	39	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{39}^{13}\ \Phi_3^{12}$
7415	336	299	$\frac{1}{13}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{6}{13}$	$\Phi_{299}\ \Phi_{23}^2\ \Phi_{13}^2\ \Phi_1^4$
7416	336	468	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{78}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
7417	336	299	$\frac{1}{13}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{6}{13}$	$\Phi_{299}\ \Phi_{23}^2\ \Phi_{13}^2\ \Phi_1^4$
7418	336	455	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{455}\ \Phi_{35}^2$
7419	336	335	$\frac{26}{335}$	$\frac{29}{335}$	$\frac{103}{335}$	$\frac{153}{335}$	$\Phi_{335}\ \Phi_{67}\ \Phi_5\ \Phi_1^2$
7420	336	165	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{165}^2\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{15}^4\ \Phi_{11}^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
7421	336	99	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{5}{11}$	$\Phi_{99}^3\ \Phi_{33}^3\ \Phi_{11}^4\ \Phi_9^6\ \Phi_3^6\ \Phi_1^8$
7422	336	440	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
7423	336	335	$\frac{23}{335}$	$\frac{33}{335}$	$\frac{104}{335}$	$\frac{151}{335}$	$\Phi_{335}\ \Phi_{67}\ \Phi_5\ \Phi_1^2$
7424	336	392	$\frac{5}{49}$	$\frac{1}{8}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
7425	336	377	$\frac{1}{13}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	Φ_{377}
7426	336	335	$\frac{31}{335}$	$\frac{37}{335}$	$\frac{76}{335}$	$\frac{149}{335}$	$\Phi_{335}\ \Phi_{67}\ \Phi_5\ \Phi_1^2$
7427	336	335	$\frac{37}{335}$	$\frac{39}{335}$	$\frac{62}{335}$	$\frac{149}{335}$	$\Phi_{335}\ \Phi_{67}\ \Phi_5\ \Phi_1^2$
7428	336	452	$\frac{9}{113}$	$\frac{13}{113}$	$\frac{1}{4}$	$\frac{50}{113}$	$\Phi_{452}\ \Phi_{226}$
7429	336	387	$\frac{1}{9}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{387}\ \Phi_{129}$
7430	336	75	$\frac{1}{15}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{75}^5\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
7431	336	335	$\frac{41}{335}$	$\frac{47}{335}$	$\frac{48}{335}$	$\frac{147}{335}$	$\Phi_{335}\ \Phi_{67}\ \Phi_5\ \Phi_1^2$
7432	336	399	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{1}{7}$	$\frac{25}{57}$	$\Phi_{399}\ \Phi_{133}\ \Phi_{21}$
7433	336	335	$\frac{27}{335}$	$\frac{43}{335}$	$\frac{77}{335}$	$\frac{146}{335}$	$\Phi_{335}\ \Phi_{67}\ \Phi_5\ \Phi_1^2$
7434	336	335	$\frac{34}{335}$	$\frac{43}{335}$	$\frac{63}{335}$	$\frac{146}{335}$	$\Phi_{335}\ \Phi_{67}\ \Phi_5\ \Phi_1^2$
7435	336	85	$\frac{8}{85}$	$\frac{11}{85}$	$\frac{1}{5}$	$\frac{37}{85}$	$\Phi_{85}^4\ \Phi_{17}^4\ \Phi_5^3\ \Phi_1^4$
7436	336	452	$\frac{8}{113}$	$\frac{15}{113}$	$\frac{1}{4}$	$\frac{49}{113}$	$\Phi_{452}\ \Phi_{226}$
7437	336	67	$\frac{4}{67}$	$\frac{9}{67}$	$\frac{19}{67}$	$\frac{29}{67}$	$\Phi_{67}^5\ \Phi_1^6$
7438	336	507	$\frac{8}{169}$	$\frac{23}{169}$	$\frac{1}{3}$	$\frac{73}{169}$	$\Phi_{507}\ \Phi_{39}$
7439	336	462	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{462}\ \Phi_{231}\ \Phi_{66}^2\ \Phi_{42}\ \Phi_{33}^2\ \Phi_6^2$
7440	336	287	$\frac{2}{41}$	$\frac{1}{7}$	$\frac{13}{41}$	$\frac{3}{7}$	$\Phi_{287}\ \Phi_{41}^2\ \Phi_7^2\ \Phi_1^4$
7441	336	420	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2$
7442	336	287	$\frac{5}{41}$	$\frac{1}{7}$	$\frac{6}{41}$	$\frac{3}{7}$	$\Phi_{287}\ \Phi_{41}^2\ \Phi_7^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
7443	336	56	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{56}^7\ \Phi_{28}^7\ \Phi_{14}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6$
7444	336	335	$\frac{41}{335}$	$\frac{48}{335}$	$\frac{49}{335}$	$\frac{143}{335}$	$\Phi_{335}\ \Phi_{67}\ \Phi_5\ \Phi_1^2$
7445	336	85	$\frac{7}{85}$	$\frac{13}{85}$	$\frac{1}{5}$	$\frac{36}{85}$	$\Phi_{85}^4\ \Phi_{17}^4\ \Phi_5^3\ \Phi_1^4$
7446	336	335	$\frac{17}{335}$	$\frac{53}{335}$	$\frac{97}{335}$	$\frac{141}{335}$	$\Phi_{335}\ \Phi_{67}\ \Phi_5\ \Phi_1^2$
7447	336	507	$\frac{7}{169}$	$\frac{27}{169}$	$\frac{1}{3}$	$\frac{71}{169}$	$\Phi_{507}\ \Phi_{39}$
7448	336	300	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{300}^2\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}$
7449	336	564	$\frac{2}{47}$	$\frac{1}{6}$	$\frac{15}{47}$	$\frac{5}{12}$	$\Phi_{564}\ \Phi_{188}\ \Phi_{47}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
7450	336	204	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{204}\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}^3\ \Phi_{17}^2$
7451	336	564	$\frac{3}{47}$	$\frac{1}{6}$	$\frac{11}{47}$	$\frac{5}{12}$	$\Phi_{564}\ \Phi_{188}\ \Phi_{47}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
7452	336	780	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{780}\ \Phi_{260}\ \Phi_{65}$
7453	336	564	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{564}\ \Phi_{188}\ \Phi_{47}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
7454	336	252	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{252}^3\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{28}^2\ \Phi_{21}$
7455	336	335	$\frac{14}{335}$	$\frac{57}{335}$	$\frac{107}{335}$	$\frac{139}{335}$	$\Phi_{335}\ \Phi_{67}\ \Phi_5\ \Phi_1^2$
7456	336	374	$\frac{1}{22}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{374}\ \Phi_{187}\ \Phi_{34}$
7457	336	435	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{435}\ \Phi_{87}^2$
7458	336	50	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{50}^{10}\ \Phi_{25}^4\ \Phi_{10}^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
7459	336	55	$\frac{3}{55}$	$\frac{1}{5}$	$\frac{13}{55}$	$\frac{2}{5}$	$\Phi_{55}^6\ \Phi_{11}^6\ \Phi_5^7\ \Phi_1^8$
7460	336	15	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{15}^{24}\ \Phi_5^{19}\ \Phi_3^{24}\ \Phi_1^{20}$
7461	336	165	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{165}^2\ \Phi_{55}\ \Phi_{33}^4\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
7462	336	55	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{55}^6\ \Phi_{11}^6\ \Phi_5^7\ \Phi_1^8$
7463	336	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
7464	336	335	$\frac{29}{335}$	$\frac{51}{335}$	$\frac{71}{335}$	$\frac{132}{335}$	$\Phi_{335}\ \Phi_{67}\ \Phi_5\ \Phi_1^2$
7465	336	335	$\frac{34}{335}$	$\frac{43}{335}$	$\frac{73}{335}$	$\frac{131}{335}$	$\Phi_{335}\ \Phi_{67}\ \Phi_5\ \Phi_1^2$
7466	336	392	$\frac{5}{49}$	$\frac{1}{8}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
7467	336	399	$\frac{5}{57}$	$\frac{1}{7}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{399}\ \Phi_{133}\ \Phi_{21}$
7468	336	377	$\frac{1}{29}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{377}
7469	336	170	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{170}^4\ \Phi_{85}\ \Phi_{10}^4$
7470	336	335	$\frac{19}{335}$	$\frac{69}{335}$	$\frac{79}{335}$	$\frac{128}{335}$	$\Phi_{335}\ \Phi_{67}\ \Phi_5\ \Phi_1^2$
7471	336	452	$\frac{5}{113}$	$\frac{27}{113}$	$\frac{1}{4}$	$\frac{43}{113}$	$\Phi_{452}\ \Phi_{226}$
7472	336	335	$\frac{11}{335}$	$\frac{81}{335}$	$\frac{104}{335}$	$\frac{127}{335}$	$\Phi_{335}\ \Phi_{67}\ \Phi_5\ \Phi_1^2$
7473	336	507	$\frac{5}{169}$	$\frac{41}{169}$	$\frac{1}{3}$	$\frac{64}{169}$	$\Phi_{507}\ \Phi_{39}$
7474	336	67	$\frac{3}{67}$	$\frac{16}{67}$	$\frac{17}{67}$	$\frac{25}{67}$	$\Phi_{67}^5\ \Phi_1^6$
7475	336	75	$\frac{1}{15}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{75}^5\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
7476	336	335	$\frac{27}{335}$	$\frac{44}{335}$	$\frac{97}{335}$	$\frac{119}{335}$	$\Phi_{335}\ \Phi_{67}\ \Phi_5\ \Phi_1^2$
7477	336	335	$\frac{31}{335}$	$\frac{38}{335}$	$\frac{99}{335}$	$\frac{118}{335}$	$\Phi_{335}\ \Phi_{67}\ \Phi_5\ \Phi_1^2$
7478	336	387	$\frac{4}{43}$	$\frac{1}{9}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{387}\ \Phi_{129}$
7479	336	392	$\frac{4}{49}$	$\frac{1}{8}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
7480	336	67	$\frac{4}{67}$	$\frac{11}{67}$	$\frac{21}{67}$	$\frac{23}{67}$	$\Phi_{67}^5\ \Phi_1^6$
7481	336	85	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{27}{85}$	$\frac{29}{85}$	$\Phi_{85}^4\ \Phi_{17}^4\ \Phi_5^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
7482	336	335	$\frac{8}{335}$	$\frac{109}{335}$	$\frac{111}{335}$	$\frac{113}{335}$	$\Phi_{335}\ \Phi_{67}\ \Phi_{5}\ \Phi_{1}^{2}$
7483	336	507	$\frac{4}{169}$	$\frac{55}{169}$	$\frac{1}{3}$	$\frac{57}{169}$	$\Phi_{507}\ \Phi_{39}$
7484	336	129	$\frac{1}{43}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{129}^{3}\ \Phi_{43}^{2}$
7485	336	249	$\frac{2}{83}$	$\frac{27}{83}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{249}\ \Phi_{83}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
7486	336	348	$\frac{1}{29}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{348}\ \Phi_{174}\ \Phi_{116}^{2}\ \Phi_{58}^{2}$
7487	336	249	$\frac{3}{83}$	$\frac{20}{83}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{249}\ \Phi_{83}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
7488	336	225	$\frac{1}{25}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{225}^{2}\ \Phi_{75}\ \Phi_{45}^{2}\ \Phi_{15}$
7489	336	330	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{330}\ \Phi_{165}\ \Phi_{110}^{2}\ \Phi_{55}^{2}\ \Phi_{30}\ \Phi_{10}^{2}$
7490	336	249	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{249}\ \Phi_{83}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
7491	336	105	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^{4}\ \Phi_{35}^{4}\ \Phi_{21}^{3}\ \Phi_{7}^{2}$
7492	336	249	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{249}\ \Phi_{83}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
7493	336	312	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{312}\ \Phi_{156}\ \Phi_{104}^{2}\ \Phi_{78}\ \Phi_{52}^{2}\ \Phi_{26}^{2}$
7494	336	423	$\frac{2}{47}$	$\frac{2}{9}$	$\frac{15}{47}$	$\frac{1}{3}$	$\Phi_{423}\ \Phi_{47}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
7495	336	615	$\frac{2}{41}$	$\frac{1}{5}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{615}\ \Phi_{15}^{2}$
7496	336	507	$\frac{10}{169}$	$\frac{29}{169}$	$\frac{53}{169}$	$\frac{1}{3}$	$\Phi_{507}\ \Phi_{39}$
7497	336	567	$\frac{2}{27}$	$\frac{1}{7}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{567}\ \Phi_{21}$
7498	336	195	$\frac{1}{13}$	$\frac{9}{65}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{195}^{3}\ \Phi_{39}\ \Phi_{15}^{3}$
7499	336	552	$\frac{2}{23}$	$\frac{1}{8}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
7500	336	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{90}^{4}\ \Phi_{45}^{4}\ \Phi_{30}^{2}\ \Phi_{18}^{4}\ \Phi_{15}^{2}\ \Phi_{10}^{4}\ \Phi_{9}^{6}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
7501	336	507	$\frac{17}{169}$	$\frac{19}{169}$	$\frac{50}{169}$	$\frac{1}{3}$	$\Phi_{507}\ \Phi_{39}$
7502	336	507	$\frac{15}{169}$	$\frac{22}{169}$	$\frac{49}{169}$	$\frac{1}{3}$	$\Phi_{507}\ \Phi_{39}$
7503	336	39	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{39}$	$\frac{1}{3}$	$\Phi_{39}^{7}\ \Phi_{13}^{12}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
7504	336	165	$\frac{1}{15}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{165}^{2}\ \Phi_{55}^{2}\ \Phi_{33}\ \Phi_{15}^{4}\ \Phi_{11}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
7505	336	507	$\frac{9}{169}$	$\frac{40}{169}$	$\frac{43}{169}$	$\frac{1}{3}$	$\Phi_{507}\ \Phi_{39}$
7506	336	660	$\frac{3}{55}$	$\frac{13}{55}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
7507	336	612	$\frac{1}{17}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{68}\ \Phi_{34}$
7508	336	60	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^{7}\ \Phi_{30}^{7}\ \Phi_{20}^{8}\ \Phi_{12}^{8}\ \Phi_{10}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}$
7509	336	132	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^{3}\ \Phi_{66}^{3}\ \Phi_{44}^{4}\ \Phi_{22}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
7510	336	660	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
7511	336	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{72}^{6}\ \Phi_{36}^{4}\ \Phi_{24}^{3}\ \Phi_{18}^{4}\ \Phi_{12}^{2}\ \Phi_{9}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
7512	336	423	$\frac{3}{47}$	$\frac{2}{9}$	$\frac{11}{47}$	$\frac{1}{3}$	$\Phi_{423}\ \Phi_{47}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
7513	336	78	$\frac{1}{13}$	$\frac{5}{26}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{78}^{8}\ \Phi_{39}^{5}\ \Phi_{6}^{8}\ \Phi_{3}^{4}$
7514	336	585	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{585}\ \Phi_{65}$
7515	336	423	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{423}\ \Phi_{47}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
7516	336	63	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{63}^{6}\ \Phi_{21}^{7}\ \Phi_{7}^{6}$
7517	336	507	$\frac{21}{169}$	$\frac{22}{169}$	$\frac{37}{169}$	$\frac{1}{3}$	$\Phi_{507}\ \Phi_{39}$
7518	336	552	$\frac{1}{8}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
7519	336	507	$\frac{19}{169}$	$\frac{25}{169}$	$\frac{36}{169}$	$\frac{1}{3}$	$\Phi_{507}\ \Phi_{39}$
7520	336	225	$\frac{1}{9}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{225}^{2}\ \Phi_{75}\ \Phi_{25}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
7521	336	615	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{615}\ \Phi_{15}^2$
7522	336	840	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}$
7523	336	10	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{10}^{32}\ \Phi_5^{35}\ \Phi_2^{32}\ \Phi_1^{36}$
7524	336	335	$\frac{38}{335}$	$\frac{59}{335}$	$\frac{69}{335}$	$\frac{99}{335}$	$\Phi_{335}\ \Phi_{67}\ \Phi_5\ \Phi_1^2$
7525	336	85	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{85}^5\ \Phi_5^4$
7526	336	168	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{56}\ \Phi_{42}^3\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{14}\ \Phi_{12}^3\ \Phi_6^3$
7527	336	99	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{2}{9}$	$\frac{3}{11}$	$\Phi_{99}^3\ \Phi_{33}^3\ \Phi_{11}^4\ \Phi_9^6\ \Phi_3^6\ \Phi_1^8$
7528	336	440	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
7529	336	67	$\frac{7}{67}$	$\frac{13}{67}$	$\frac{15}{67}$	$\frac{18}{67}$	$\Phi_{67}^5\ \Phi_1^6$
7530	336	75	$\frac{11}{75}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{75}^4\ \Phi_{25}^5\ \Phi_{15}^5\ \Phi_5^5\ \Phi_3^5\ \Phi_1^6$
7531	336	392	$\frac{1}{8}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
7532	336	133	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{133}^3\ \Phi_7^2$
7533	336	335	$\frac{39}{335}$	$\frac{62}{335}$	$\frac{74}{335}$	$\frac{87}{335}$	$\Phi_{335}\ \Phi_{67}\ \Phi_5\ \Phi_1^2$
7534	336	85	$\frac{9}{85}$	$\frac{1}{5}$	$\frac{19}{85}$	$\frac{22}{85}$	$\Phi_{85}^4\ \Phi_{17}^4\ \Phi_5^3\ \Phi_1^4$
7535	336	180	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{10}^4$
7536	336	452	$\frac{13}{113}$	$\frac{22}{113}$	$\frac{25}{113}$	$\frac{1}{4}$	$\Phi_{452}\ \Phi_{226}$
7537	336	40	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{40}^9\ \Phi_{20}^6\ \Phi_{10}^6\ \Phi_8^{12}\ \Phi_5^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{12}$
7538	336	25	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{25}^{16}\ \Phi_5^3\ \Phi_1^4$
7539	337	576	$\frac{1}{48}$	$\frac{49}{288}$	$\frac{239}{576}$	$\frac{47}{96}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
7540	337	648	$\frac{13}{324}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{311}{648}$	$\Phi_{648}\ \Phi_{216}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
7541	337	456	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{119}{456}$	$\frac{109}{228}$	$\Phi_{456}\ \Phi_{152}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_8\ \Phi_1$
7542	337	408	$\frac{3}{68}$	$\frac{71}{408}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
7543	337	640	$\frac{17}{320}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{303}{640}$	$\Phi_{640}\ \Phi_{128}\ \Phi_{32}\ \Phi_1$
7544	337	640	$\frac{17}{320}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{303}{640}$	$\Phi_{640}\ \Phi_{128}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
7545	337	480	$\frac{1}{16}$	$\frac{17}{160}$	$\frac{143}{480}$	$\frac{15}{32}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
7546	337	384	$\frac{1}{16}$	$\frac{47}{384}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
7547	337	392	$\frac{6}{49}$	$\frac{55}{392}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{392}\ \Phi_{196}\ \Phi_{56}\ \Phi_{49}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
7548	337	588	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{294}$	$\frac{251}{588}$	$\Phi_{588}\ \Phi_{196}\ \Phi_{84}\ \Phi_{49}\ \Phi_{28}\ \Phi_{12}\ \Phi_4\ \Phi_1$
7549	337	360	$\frac{23}{360}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
7550	337	576	$\frac{1}{24}$	$\frac{49}{288}$	$\frac{23}{72}$	$\frac{239}{576}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
7551	337	420	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{83}{420}$	$\frac{57}{140}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
7552	337	480	$\frac{1}{24}$	$\frac{23}{120}$	$\frac{143}{480}$	$\frac{97}{240}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
7553	337	560	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{57}{280}$	$\frac{223}{560}$	$\Phi_{560}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
7554	337	544	$\frac{3}{68}$	$\frac{65}{272}$	$\frac{1}{4}$	$\frac{207}{544}$	$\Phi_{544}\ \Phi_{68}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_1$
7555	337	360	$\frac{23}{360}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
7556	337	432	$\frac{1}{24}$	$\frac{95}{432}$	$\frac{23}{72}$	$\frac{49}{144}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
7557	337	504	$\frac{1}{42}$	$\frac{41}{126}$	$\frac{167}{504}$	$\frac{85}{252}$	$\Phi_{504}\ \Phi_{168}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
7558	337	486	$\frac{13}{162}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{149}{486}$	$\Phi_{486}\ \Phi_{243}\ \Phi_{18}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
7559	337	480	$\frac{17}{160}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{143}{480}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
7560	337	441	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{104}{441}$	$\frac{43}{147}$	$\Phi_{441}\ \Phi_{63}\ \Phi_{49}\ \Phi_9\ \Phi_1$
7561	337	378	$\frac{41}{378}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
7562	337	432	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{95}{432}$	$\frac{5}{18}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
7563	337	400	$\frac{3}{20}$	$\frac{63}{400}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
7564	338	330	$\frac{4}{165}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{161}{330}$	$\Phi_{330}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
7565	338	204	$\frac{1}{34}$	$\frac{35}{204}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{204}\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7566	338	600	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{12}{25}$	$\Phi_{600}\ \Phi_{200}\ \Phi_{120}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
7567	338	75	$\frac{1}{25}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{75}^4\ \Phi_{25}^5\ \Phi_{15}^5\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
7568	338	450	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{12}{25}$	$\Phi_{450}\ \Phi_{225}\ \Phi_{90}\ \Phi_{45}\ \Phi_{25}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
7569	338	400	$\frac{1}{25}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{400}\ \Phi_{200}\ \Phi_{80}\ \Phi_{40}\ \Phi_{25}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
7570	338	960	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{151}{320}$	$\Phi_{960}\ \Phi_{192}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
7571	338	168	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{168}^4\ \Phi_{56}^4\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_8^2\ \Phi_6$
7572	338	120	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{120}^5\ \Phi_{40}^5\ \Phi_{24}^6\ \Phi_{15}^2\ \Phi_8^6\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
7573	338	180	$\frac{11}{180}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7574	338	306	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{1}{3}$	$\frac{137}{306}$	$\Phi_{306}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_2^2$
7575	338	126	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{126}^3\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{18}\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6\ \Phi_3^2\ \Phi_1^2$
7576	338	816	$\frac{1}{34}$	$\frac{33}{136}$	$\frac{1}{3}$	$\frac{103}{272}$	$\Phi_{816}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}\ \Phi_6$
7577	338	210	$\frac{1}{14}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{10}^2\ \Phi_6$
7578	338	204	$\frac{1}{17}$	$\frac{35}{204}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
7579	338	240	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{240}$	$\frac{1}{3}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7580	338	126	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{126}^4\ \Phi_{63}^4\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6$
7581	338	180	$\frac{11}{180}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
7582	338	336	$\frac{1}{14}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_6$
7583	338	660	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{220}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
7584	338	600	$\frac{1}{10}$	$\frac{31}{200}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
7585	338	15	$\frac{2}{15}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{15}^{23}\ \Phi_5^{22}\ \Phi_3^{22}\ \Phi_1^{22}$
7586	338	90	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{90}^5\ \Phi_{45}^5\ \Phi_{18}^6\ \Phi_{15}^2\ \Phi_9^6\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
7587	338	240	$\frac{2}{15}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
7588	339	444	$\frac{2}{111}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{109}{222}$	$\Phi_{444}\ \Phi_{148}\ \Phi_{111}\ \Phi_{37}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
7589	339	152	$\frac{1}{38}$	$\frac{1}{4}$	$\frac{39}{152}$	$\frac{37}{76}$	$\Phi_{152}^3\ \Phi_{76}^2\ \Phi_{38}\ \Phi_{19}\ \Phi_8^3\ \Phi_4\ \Phi_1$
7590	339	208	$\frac{1}{26}$	$\frac{9}{104}$	$\frac{95}{208}$	$\frac{25}{52}$	$\Phi_{208}^3\ \Phi_{52}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
7591	339	156	$\frac{1}{26}$	$\frac{9}{52}$	$\frac{43}{156}$	$\frac{25}{52}$	$\Phi_{156}^3\ \Phi_{78}^3\ \Phi_{52}\ \Phi_{39}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
7592	339	416	$\frac{1}{26}$	$\frac{77}{416}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{416}\ \Phi_{208}\ \Phi_{52}\ \Phi_{32}\ \Phi_{16}\ \Phi_4\ \Phi_1$
7593	339	216	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{103}{216}$	$\Phi_{216}^3\ \Phi_{72}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
7594	339	208	$\frac{1}{13}$	$\frac{9}{104}$	$\frac{4}{13}$	$\frac{95}{208}$	$\Phi_{208}^3\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_1^3$
7595	339	156	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{43}{156}$	$\frac{35}{78}$	$\Phi_{156}^3\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
7596	339	120	$\frac{7}{120}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
7597	339	380	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{1}{4}$	$\frac{77}{190}$	$\Phi_{380}\ \Phi_{95}\ \Phi_{76}^2\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_5\ \Phi_4\ \Phi_1$
7598	339	130	$\frac{1}{13}$	$\frac{17}{130}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{130}^3\ \Phi_{65}^3\ \Phi_{13}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1^3$
7599	339	156	$\frac{1}{13}$	$\frac{9}{52}$	$\frac{43}{156}$	$\frac{4}{13}$	$\Phi_{156}^3\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
7600	339	324	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{49}{162}$	$\Phi_{324}^2\ \Phi_{162}\ \Phi_{81}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
7601	339	252	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{252}^2\ \Phi_{126}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
7602	339	144	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{144}$	$\frac{1}{4}$	$\Phi_{144}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
7603	340	168	$\frac{1}{84}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{83}{168}$	$\Phi_{168}^4\ \Phi_{56}^4\ \Phi_{24}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
7604	340	536	$\frac{1}{67}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{33}{67}$	$\Phi_{536}\ \Phi_{67}\ \Phi_8^2\ \Phi_1^2$
7605	340	114	$\frac{1}{57}$	$\frac{29}{114}$	$\frac{1}{3}$	$\frac{28}{57}$	$\Phi_{114}^4\ \Phi_{57}^2\ \Phi_{38}^4\ \Phi_{19}^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
7606	340	333	$\frac{7}{333}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{163}{333}$	$\Phi_{333}\ \Phi_{111}\ \Phi_{37}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
7607	340	113	$\frac{3}{113}$	$\frac{28}{113}$	$\frac{29}{113}$	$\frac{55}{113}$	$\Phi_{113}^3\ \Phi_1^4$
7608	340	99	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{16}{33}$	$\Phi_{99}^3\ \Phi_{33}^4\ \Phi_{11}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
7609	340	66	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{66}^6\ \Phi_{33}^4\ \Phi_{22}^6\ \Phi_{11}^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
7610	340	339	$\frac{11}{339}$	$\frac{35}{339}$	$\frac{152}{339}$	$\frac{164}{339}$	$\Phi_{339}\ \Phi_{113}\ \Phi_3\ \Phi_1^2$
7611	340	138	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{138}^3\ \Phi_{69}^3\ \Phi_{46}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
7612	340	162	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{77}{162}$	$\Phi_{162}^4\ \Phi_{54}^4\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
7613	340	339	$\frac{17}{339}$	$\frac{50}{339}$	$\frac{89}{339}$	$\frac{161}{339}$	$\Phi_{339}\ \Phi_{113}\ \Phi_3\ \Phi_1^2$
7614	340	608	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{9}{19}$	$\Phi_{608}\ \Phi_{32}^2\ \Phi_{19}\ \Phi_1^2$
7615	340	57	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{57}^9\ \Phi_3^8$
7616	340	456	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{9}{19}$	$\Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
7617	340	380	$\frac{1}{19}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
7618	340	1056	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{1056}\ \Phi_{33}$
7619	340	608	$\frac{1}{16}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{15}{32}$	$\Phi_{608}\ \Phi_{32}^2\ \Phi_{19}\ \Phi_1^2$
7620	340	480	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{480}^2\ \Phi_{160}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
7621	340	18	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{18}^{20}\ \Phi_9^{18}\ \Phi_6^{20}\ \Phi_3^{17}\ \Phi_2^{20}\ \Phi_1^{18}$
7622	340	198	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{22}$	$\frac{4}{9}$	$\Phi_{198}^2\ \Phi_{99}\ \Phi_{66}^2\ \Phi_{33}\ \Phi_{22}^4\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
7623	340	456	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{1}{3}$	$\frac{67}{152}$	$\Phi_{456}^2\ \Phi_{57}\ \Phi_{24}^2$
7624	340	210	$\frac{1}{21}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{210}^3\ \Phi_{70}^3\ \Phi_{42}^3\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7625	340	330	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{330}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{22}^2$
7626	340	126	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{126}^3\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
7627	340	231	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{231}^2\ \Phi_{77}\ \Phi_{33}^2$
7628	340	168	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{168}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7629	340	339	$\frac{14}{339}$	$\frac{65}{339}$	$\frac{101}{339}$	$\frac{137}{339}$	$\Phi_{339}\ \Phi_{113}\ \Phi_3\ \Phi_1^2$
7630	340	57	$\frac{2}{57}$	$\frac{11}{57}$	$\frac{1}{3}$	$\frac{23}{57}$	$\Phi_{57}^6\ \Phi_{19}^6\ \Phi_3^5\ \Phi_1^6$
7631	340	220	$\frac{1}{11}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{220}^2\ \Phi_{110}^2\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{22}^2$
7632	340	308	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{308}^2\ \Phi_{77}\ \Phi_{44}^2$
7633	340	840	$\frac{1}{35}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{840}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{21}\ \Phi_{15}$
7634	340	536	$\frac{3}{67}$	$\frac{16}{67}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{536}\ \Phi_{67}\ \Phi_8^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
7635	340	360	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^2\ \Phi_{120}^2\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
7636	340	87	$\frac{2}{87}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{87}^4\ \Phi_{29}^4\ \Phi_3\ \Phi_1^2$
7637	340	126	$\frac{1}{42}$	$\frac{41}{126}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{126}^4\ \Phi_{63}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
7638	340	264	$\frac{3}{88}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{264}\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
7639	340	336	$\frac{1}{28}$	$\frac{27}{112}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
7640	340	21	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{21}^{16}\ \Phi_7^{16}\ \Phi_3^{17}\ \Phi_1^{18}$
7641	340	18	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{18}^{20}\ \Phi_9^{20}\ \Phi_6^{16}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
7642	340	273	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{273}\ \Phi_{91}^2\ \Phi_{39}\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
7643	340	294	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{294}\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_3\ \Phi_1^2$
7644	340	96	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{96}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
7645	340	189	$\frac{2}{21}$	$\frac{19}{189}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{189}^2\ \Phi_{63}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
7646	340	198	$\frac{2}{33}$	$\frac{1}{6}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{198}^3\ \Phi_{99}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7647	340	243	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{243}$	$\frac{1}{3}$	$\Phi_{243}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
7648	340	189	$\frac{19}{189}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{189}^2\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
7649	340	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{264}\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2$
7650	340	54	$\frac{1}{18}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{54}^9\ \Phi_{27}^8\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7651	340	114	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{29}{114}$	$\frac{1}{3}$	$\Phi_{114}^2\ \Phi_{57}^3\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
7652	340	660	$\frac{1}{11}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{33}$
7653	340	66	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{66}^4\ \Phi_{33}^5\ \Phi_{22}^6\ \Phi_{11}^6\ \Phi_6^6\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
7654	340	108	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{108}$	$\frac{1}{3}$	$\Phi_{108}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
7655	340	456	$\frac{1}{8}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{7}{24}$	$\Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
7656	340	120	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{10}^5\ \Phi_5^4$
7657	340	495	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{495}\ \Phi_{99}\ \Phi_{55}$
7658	340	380	$\frac{3}{20}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
7659	340	60	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{60}^6\ \Phi_{30}^7\ \Phi_{20}^3\ \Phi_{15}^7\ \Phi_{12}^8\ \Phi_{10}^4\ \Phi_6^8\ \Phi_5^3\ \Phi_4^4\ \Phi_3^8\ \Phi_2^4\ \Phi_1^4$
7660	341	544	$\frac{1}{68}$	$\frac{69}{272}$	$\frac{203}{544}$	$\frac{67}{136}$	$\Phi_{544}\ \Phi_{136}\ \Phi_{32}\ \Phi_8\ \Phi_1$
7661	341	672	$\frac{5}{336}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{331}{672}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{96}\ \Phi_{32}\ \Phi_8\ \Phi_1$
7662	341	60	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{29}{60}$	$\Phi_{60}\ \Phi_{30}^{10}\ \Phi_{20}^2\ \Phi_{15}^{10}\ \Phi_{12}\ \Phi_{10}^{10}\ \Phi_6^{10}\ \Phi_5^{10}\ \Phi_4^2\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
7663	341	60	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{29}{60}$	$\Phi_{60}^{11}\ \Phi_{20}^{11}\ \Phi_{15}\ \Phi_{12}^{11}\ \Phi_4^{11}\ \Phi_3\ \Phi_1$
7664	341	460	$\frac{4}{115}$	$\frac{1}{5}$	$\frac{119}{460}$	$\frac{111}{230}$	$\Phi_{460}\ \Phi_{115}\ \Phi_{92}\ \Phi_{23}\ \Phi_{20}\ \Phi_4\ \Phi_1$
7665	341	640	$\frac{1}{20}$	$\frac{21}{320}$	$\frac{299}{640}$	$\frac{19}{40}$	$\Phi_{640}\ \Phi_{128}\ \Phi_{40}\ \Phi_8\ \Phi_1$
7666	341	480	$\frac{1}{20}$	$\frac{21}{160}$	$\frac{139}{480}$	$\frac{19}{40}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
7667	341	400	$\frac{1}{20}$	$\frac{59}{400}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_8\ \Phi_1$
7668	341	660	$\frac{2}{33}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{660}\ \Phi_{220}\ \Phi_{132}\ \Phi_{44}\ \Phi_{33}\ \Phi_{20}\ \Phi_{11}\ \Phi_4\ \Phi_1$
7669	341	180	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{14}{45}$	$\frac{9}{20}$	$\Phi_{180}^5\ \Phi_{45}\ \Phi_{36}^5\ \Phi_{20}\ \Phi_9\ \Phi_4\ \Phi_1$
7670	341	40	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{9}{20}$	$\Phi_{40}^{11}\ \Phi_{20}^2\ \Phi_{10}^{10}\ \Phi_8^{11}\ \Phi_5^{10}\ \Phi_4^2\ \Phi_2^{10}\ \Phi_1^{11}$
7671	341	140	$\frac{1}{10}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{140}^5\ \Phi_{35}\ \Phi_{28}^5\ \Phi_{20}\ \Phi_7\ \Phi_4\ \Phi_1$
7672	341	180	$\frac{1}{10}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_9^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
7673	341	168	$\frac{1}{12}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{168}^4\ \Phi_{56}^3\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
7674	341	612	$\frac{1}{17}$	$\frac{35}{306}$	$\frac{16}{51}$	$\frac{271}{612}$	$\Phi_{612}\ \Phi_{204}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
7675	341	420	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{79}{420}$	$\frac{61}{140}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
7676	341	476	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{135}{476}$	$\frac{103}{238}$	$\Phi_{476}\ \Phi_{119}\ \Phi_{68}\ \Phi_{28}\ \Phi_7\ \Phi_4\ \Phi_1$
7677	341	600	$\frac{1}{20}$	$\frac{41}{300}$	$\frac{19}{60}$	$\frac{259}{600}$	$\Phi_{600}\ \Phi_{200}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
7678	341	600	$\frac{1}{10}$	$\frac{41}{300}$	$\frac{9}{50}$	$\frac{259}{600}$	$\Phi_{600}\ \Phi_{200}\ \Phi_{120}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_8\ \Phi_1$
7679	341	480	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{139}{480}$	$\frac{101}{240}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
7680	341	400	$\frac{1}{10}$	$\frac{59}{400}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{400}\ \Phi_{200}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{16}\ \Phi_8\ \Phi_1$
7681	341	560	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{280}$	$\frac{219}{560}$	$\Phi_{560}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
7682	341	288	$\frac{1}{32}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{288}\ \Phi_{144}\ \Phi_{96}^2\ \Phi_{72}\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
7683	341	504	$\frac{5}{168}$	$\frac{1}{4}$	$\frac{163}{504}$	$\frac{3}{8}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
7684	341	32	$\frac{1}{32}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{32}^{11}\ \Phi_{16}^{10}\ \Phi_8^{11}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
7685	341	448	$\frac{5}{112}$	$\frac{107}{448}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{448}\ \Phi_{224}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_1$
7686	341	360	$\frac{19}{360}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
7687	341	392	$\frac{5}{56}$	$\frac{51}{392}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_8\ \Phi_1$
7688	341	384	$\frac{5}{48}$	$\frac{43}{384}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_1$
7689	341	360	$\frac{19}{360}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
7690	341	48	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{48}^{11}\ \Phi_{24}^4\ \Phi_{16}^{11}\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
7691	341	408	$\frac{1}{17}$	$\frac{67}{408}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{68}\ \Phi_{51}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
7692	341	165	$\frac{2}{33}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{165}^2\ \Phi_{55}^2\ \Phi_{33}^3\ \Phi_{15}\ \Phi_{11}^3\ \Phi_3\ \Phi_1$
7693	341	459	$\frac{1}{17}$	$\frac{35}{153}$	$\frac{118}{459}$	$\frac{16}{51}$	$\Phi_{459}\ \Phi_{51}\ \Phi_{27}\ \Phi_3\ \Phi_1$
7694	341	45	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{14}{45}$	$\Phi_{45}^{11}\ \Phi_{15}\ \Phi_9^{11}\ \Phi_3\ \Phi_1$
7695	341	40	$\frac{1}{10}$	$\frac{7}{40}$	$\frac{9}{40}$	$\frac{3}{10}$	$\Phi_{40}^8\ \Phi_{20}^8\ \Phi_{10}^{10}\ \Phi_8^8\ \Phi_5^{10}\ \Phi_4^8\ \Phi_2^{10}\ \Phi_1^{11}$
7696	341	450	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{109}{450}$	$\frac{41}{150}$	$\Phi_{450}\ \Phi_{225}\ \Phi_{90}\ \Phi_{50}\ \Phi_{45}\ \Phi_{25}\ \Phi_{18}\ \Phi_9\ \Phi_1$
7697	341	120	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{40}$	$\frac{4}{15}$	$\Phi_{120}^5\ \Phi_{60}^5\ \Phi_{40}\ \Phi_{24}^5\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^5\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
7698	341	105	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{105}^5\ \Phi_{35}\ \Phi_{21}^5\ \Phi_{15}\ \Phi_7\ \Phi_3\ \Phi_1$
7699	341	180	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{12}^3\ \Phi_9^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
7700	342	560	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{55}{112}$	$\Phi_{560}\ \Phi_{112}^2\ \Phi_{80}\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
7701	342	336	$\frac{1}{56}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{55}{112}$	$\Phi_{336}^3\ \Phi_{48}^3\ \Phi_{12}\ \Phi_6$
7702	342	592	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{18}{37}$	$\Phi_{592}\ \Phi_{37}\ \Phi_{16}^2\ \Phi_1^2$
7703	342	148	$\frac{1}{37}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{18}{37}$	$\Phi_{148}^2\ \Phi_{74}^2\ \Phi_{37}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
7704	342	310	$\frac{1}{31}$	$\frac{16}{155}$	$\frac{139}{310}$	$\frac{15}{31}$	$\Phi_{310}^2\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{10}^2\ \Phi_2^2\ \Phi_1^2$
7705	342	110	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{53}{110}$	$\Phi_{110}^6\ \Phi_{22}^6\ \Phi_{11}\ \Phi_{10}^6\ \Phi_2^6\ \Phi_1^2$
7706	342	220	$\frac{2}{55}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{53}{110}$	$\Phi_{220}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{20}^3\ \Phi_{11}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
7707	342	341	$\frac{13}{341}$	$\frac{59}{341}$	$\frac{94}{341}$	$\frac{164}{341}$	$\Phi_{341}\ \Phi_{31}\ \Phi_{11}\ \Phi_1^2$
7708	342	92	$\frac{1}{23}$	$\frac{4}{23}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{92}^5\ \Phi_{46}^5\ \Phi_4^4\ \Phi_2^4$
7709	342	612	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{17}{36}$	$\Phi_{612}\ \Phi_{204}\ \Phi_{68}\ \Phi_{36}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
7710	342	180	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{180}^4\ \Phi_{60}^4\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
7711	342	612	$\frac{1}{18}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{17}{36}$	$\Phi_{612}\ \Phi_{204}\ \Phi_{68}\ \Phi_{36}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
7712	342	252	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{252}\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2$
7713	342	357	$\frac{1}{17}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{357}\ \Phi_{119}\ \Phi_{21}^2\ \Phi_{17}\ \Phi_7^2\ \Phi_1^2$
7714	342	459	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{8}{17}$	$\Phi_{459}\ \Phi_{27}^2\ \Phi_{17}\ \Phi_1^2$
7715	342	408	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{8}{17}$	$\Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{68}\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
7716	342	130	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{130}^3\ \Phi_{65}^3\ \Phi_{26}\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
7717	342	220	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{49}{220}$	$\frac{5}{11}$	$\Phi_{220}^2\ \Phi_{110}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
7718	342	22	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{22}^{18}\ \Phi_{11}^{13}\ \Phi_2^{18}\ \Phi_1^{14}$
7719	342	308	$\frac{1}{11}$	$\frac{17}{154}$	$\frac{5}{22}$	$\frac{137}{308}$	$\Phi_{308}^2\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
7720	342	240	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{240}^4\ \Phi_{60}\ \Phi_{48}^3\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
7721	342	33	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{2}{11}$	$\frac{14}{33}$	$\Phi_{33}^9\ \Phi_{11}^{13}\ \Phi_3^9\ \Phi_1^{14}$
7722	342	608	$\frac{1}{19}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{608}\ \Phi_{76}\ \Phi_{38}$
7723	342	140	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{9}{28}$	$\frac{2}{5}$	$\Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^4\ \Phi_{20}^2\ \Phi_{14}^4\ \Phi_{10}^2\ \Phi_7^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
7724	342	20	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{20}^{17}\ \Phi_{10}^{17}\ \Phi_5^{18}\ \Phi_4^{16}\ \Phi_2^{16}\ \Phi_1^{18}$
7725	342	70	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{70}^5\ \Phi_{35}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_7^4\ \Phi_5^6\ \Phi_2^4\ \Phi_1^6$
7726	342	105	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{105}^3\ \Phi_{35}^2\ \Phi_{21}^6\ \Phi_{15}^3\ \Phi_7^4\ \Phi_5^3\ \Phi_3^6\ \Phi_1^6$
7727	342	320	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
7728	342	31	$\frac{1}{31}$	$\frac{7}{31}$	$\frac{10}{31}$	$\frac{12}{31}$	$\Phi_{31}^{11}\ \Phi_1^{12}$
7729	342	31	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{7}{31}$	$\frac{12}{31}$	$\Phi_{31}^{11}\ \Phi_1^{12}$
7730	342	92	$\frac{1}{23}$	$\frac{11}{46}$	$\frac{1}{4}$	$\frac{35}{92}$	$\Phi_{92}^3\ \Phi_{46}^5\ \Phi_{23}^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
7731	342	248	$\frac{1}{31}$	$\frac{15}{62}$	$\frac{77}{248}$	$\frac{47}{124}$	$\Phi_{248}^2\ \Phi_{62}^2\ \Phi_{31}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
7732	342	528	$\frac{5}{176}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
7733	342	456	$\frac{1}{19}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
7734	342	380	$\frac{1}{20}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}$
7735	342	570	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{570}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{38}$
7736	342	62	$\frac{5}{62}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{62}^6\ \Phi_{31}^5\ \Phi_2^6\ \Phi_1^6$
7737	342	88	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{13}{44}$	$\frac{31}{88}$	$\Phi_{88}^6\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_8^6\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
7738	342	341	$\frac{14}{341}$	$\frac{75}{341}$	$\frac{109}{341}$	$\frac{116}{341}$	$\Phi_{341}\ \Phi_{31}\ \Phi_{11}\ \Phi_1^2$
7739	342	460	$\frac{4}{115}$	$\frac{1}{4}$	$\frac{37}{115}$	$\frac{39}{115}$	$\Phi_{460}\ \Phi_{230}\ \Phi_{92}\ \Phi_{46}\ \Phi_{20}\ \Phi_{10}$
7740	342	258	$\frac{1}{43}$	$\frac{14}{43}$	$\frac{1}{3}$	$\frac{29}{86}$	$\Phi_{258}^3\ \Phi_{129}\ \Phi_6^3$
7741	342	210	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_6$
7742	342	84	$\frac{1}{28}$	$\frac{1}{4}$	$\frac{9}{28}$	$\frac{1}{3}$	$\Phi_{84}^6\ \Phi_{42}^6\ \Phi_{21}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
7743	342	516	$\frac{7}{172}$	$\frac{39}{172}$	$\frac{55}{172}$	$\frac{1}{3}$	$\Phi_{516}\ \Phi_{258}\ \Phi_{129}\ \Phi_{12}\ \Phi_6$
7744	342	270	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{54}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
7745	342	357	$\frac{2}{21}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{357}\ \Phi_{119}\ \Phi_{21}^2\ \Phi_{17}\ \Phi_7^2\ \Phi_1^2$
7746	342	60	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^9\ \Phi_{30}^9\ \Phi_{15}^9\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
7747	342	672	$\frac{3}{56}$	$\frac{53}{224}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{96}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
7748	342	420	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}\ \Phi_{105}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
7749	342	84	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^5\ \Phi_{42}^5\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_2^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
7750	342	588	$\frac{3}{28}$	$\frac{25}{196}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}\ \Phi_{294}\ \Phi_{147}\ \Phi_{12}\ \Phi_{6}$
7751	342	192	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{192}^{3}\ \Phi_{96}^{3}\ \Phi_{48}^{3}\ \Phi_{12}\ \Phi_{6}$
7752	342	90	$\frac{1}{10}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{90}^{4}\ \Phi_{45}^{3}\ \Phi_{30}^{5}\ \Phi_{18}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
7753	342	120	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{120}^{4}\ \Phi_{60}^{4}\ \Phi_{40}^{4}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{20}^{4}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}\ \Phi_{4}^{2}$
7754	342	55	$\frac{4}{55}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{17}{55}$	$\Phi_{55}^{6}\ \Phi_{11}^{7}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
7755	342	220	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{17}{55}$	$\Phi_{220}^{2}\ \Phi_{110}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
7756	342	459	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{8}{27}$	$\Phi_{459}\ \Phi_{27}^{2}\ \Phi_{17}\ \Phi_{1}^{2}$
7757	342	756	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{28}\ \Phi_{14}$
7758	342	408	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{5}{17}$	$\Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{68}\ \Phi_{24}^{2}\ \Phi_{17}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
7759	342	92	$\frac{3}{23}$	$\frac{4}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{92}^{5}\ \Phi_{46}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
7760	342	168	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{168}^{3}\ \Phi_{84}\ \Phi_{56}^{3}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
7761	343	96	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{47}{96}$	$\Phi_{96}^{7}\ \Phi_{32}^{7}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
7762	343	288	$\frac{1}{48}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{288}^{3}\ \Phi_{96}\ \Phi_{32}\ \Phi_{9}\ \Phi_{1}$
7763	343	608	$\frac{1}{38}$	$\frac{39}{304}$	$\frac{265}{608}$	$\frac{37}{76}$	$\Phi_{608}\ \Phi_{76}\ \Phi_{32}\ \Phi_{4}\ \Phi_{1}$
7764	343	456	$\frac{1}{38}$	$\frac{113}{456}$	$\frac{39}{152}$	$\frac{37}{76}$	$\Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
7765	343	414	$\frac{2}{69}$	$\frac{71}{414}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{414}\ \Phi_{207}\ \Phi_{69}\ \Phi_{23}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
7766	343	660	$\frac{13}{330}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{317}{660}$	$\Phi_{660}\ \Phi_{220}\ \Phi_{132}\ \Phi_{60}\ \Phi_{44}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
7767	343	648	$\frac{1}{18}$	$\frac{19}{324}$	$\frac{305}{648}$	$\frac{17}{36}$	$\Phi_{648}\ \Phi_{216}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
7768	343	432	$\frac{1}{18}$	$\frac{19}{108}$	$\frac{89}{432}$	$\frac{17}{36}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
7769	343	648	$\frac{19}{324}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{305}{648}$	$\Phi_{648}\ \Phi_{216}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
7770	343	468	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{125}{468}$	$\frac{109}{234}$	$\Phi_{468}\ \Phi_{156}\ \Phi_{117}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
7771	343	360	$\frac{4}{45}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
7772	343	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{120}^{4}\ \Phi_{60}^{3}\ \Phi_{40}^{2}\ \Phi_{30}^{3}\ \Phi_{24}^{4}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
7773	343	360	$\frac{17}{360}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
7774	343	204	$\frac{2}{51}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{204}^{3}\ \Phi_{68}^{3}\ \Phi_{51}\ \Phi_{17}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
7775	343	72	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{23}{72}$	$\frac{5}{12}$	$\Phi_{72}^{7}\ \Phi_{36}^{7}\ \Phi_{18}^{7}\ \Phi_{12}\ \Phi_{9}^{7}\ \Phi_{4}\ \Phi_{1}$
7776	343	360	$\frac{17}{360}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
7777	343	156	$\frac{3}{52}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{3}\ \Phi_{39}^{2}\ \Phi_{26}^{3}\ \Phi_{13}^{3}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
7778	343	192	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{15}{64}$	$\frac{5}{12}$	$\Phi_{192}^{2}\ \Phi_{96}^{2}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
7779	343	60	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{60}$	$\frac{5}{12}$	$\Phi_{60}^{7}\ \Phi_{30}^{7}\ \Phi_{20}^{7}\ \Phi_{15}^{7}\ \Phi_{12}\ \Phi_{10}^{7}\ \Phi_{5}^{7}\ \Phi_{4}\ \Phi_{1}$
7780	343	108	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{108}^{6}\ \Phi_{54}\ \Phi_{36}^{6}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
7781	343	384	$\frac{41}{384}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
7782	343	24	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{24}^{12}\ \Phi_{12}^{13}\ \Phi_{8}^{18}\ \Phi_{6}^{12}\ \Phi_{4}^{19}\ \Phi_{3}^{12}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
7783	343	576	$\frac{1}{18}$	$\frac{55}{288}$	$\frac{17}{72}$	$\frac{233}{576}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
7784	343	80	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{80}^{7}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{7}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
7785	343	432	$\frac{1}{18}$	$\frac{89}{432}$	$\frac{17}{72}$	$\frac{55}{144}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
7786	343	552	$\frac{2}{69}$	$\frac{67}{276}$	$\frac{1}{3}$	$\frac{209}{552}$	$\Phi_{552}\ \Phi_{184}\ \Phi_{69}\ \Phi_{24}\ \Phi_{23}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
7787	343	540	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{73}{270}$	$\frac{197}{540}$	$\Phi_{540}\ \Phi_{180}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
7788	343	76	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{11}{38}$	$\frac{27}{76}$	$\Phi_{76}^7\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_4^7\ \Phi_2^2\ \Phi_1^3$
7789	343	54	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{54}^6\ \Phi_{27}^7\ \Phi_{18}^6\ \Phi_9^6\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
7790	343	153	$\frac{2}{51}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{153}^3\ \Phi_{51}\ \Phi_{17}\ \Phi_9\ \Phi_1$
7791	343	72	$\frac{1}{24}$	$\frac{2}{9}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{72}^4\ \Phi_{36}^4\ \Phi_{24}^6\ \Phi_{18}^4\ \Phi_{12}^6\ \Phi_9^5\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
7792	343	495	$\frac{13}{165}$	$\frac{2}{15}$	$\frac{152}{495}$	$\frac{1}{3}$	$\Phi_{495}\ \Phi_{99}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
7793	343	69	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{20}{69}$	$\frac{1}{3}$	$\Phi_{69}^4\ \Phi_{23}^7\ \Phi_3^3\ \Phi_1^7$
7794	343	468	$\frac{3}{52}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{468}\ \Phi_{234}\ \Phi_{117}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_9\ \Phi_1$
7795	343	576	$\frac{1}{16}$	$\frac{2}{9}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{64}\ \Phi_{32}\ \Phi_9\ \Phi_1$
7796	343	180	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}\ \Phi_{45}^3\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
7797	343	54	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{54}^7\ \Phi_{27}^7\ \Phi_{18}^4\ \Phi_9^5\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
7798	343	72	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{72}^6\ \Phi_{36}^6\ \Phi_{18}^6\ \Phi_9^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
7799	343	486	$\frac{1}{9}$	$\frac{19}{162}$	$\frac{143}{486}$	$\frac{8}{27}$	$\Phi_{486}\ \Phi_{243}\ \Phi_{27}\ \Phi_1$
7800	343	405	$\frac{1}{9}$	$\frac{62}{405}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{405}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_5\ \Phi_1$
7801	343	432	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{89}{432}$	$\frac{8}{27}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
7802	343	120	$\frac{1}{8}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{120}^3\ \Phi_{60}^2\ \Phi_{40}^4\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
7803	344	255	$\frac{1}{85}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{42}{85}$	$\Phi_{255}\ \Phi_{85}^2\ \Phi_{51}\ \Phi_{17}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
7804	344	343	$\frac{5}{343}$	$\frac{87}{343}$	$\frac{128}{343}$	$\frac{169}{343}$	$\Phi_{343}\ \Phi_{49}\ \Phi_7\ \Phi_1^2$
7805	344	519	$\frac{3}{173}$	$\frac{44}{173}$	$\frac{1}{3}$	$\frac{85}{173}$	Φ_{519}
7806	344	147	$\frac{1}{49}$	$\frac{25}{147}$	$\frac{61}{147}$	$\frac{24}{49}$	$\Phi_{147}^2\ \Phi_{49}^3\ \Phi_{21}^2\ \Phi_7^3\ \Phi_3^2\ \Phi_1^4$
7807	344	84	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{41}{84}$	$\Phi_{84}^8\ \Phi_{28}^8\ \Phi_{12}^8\ \Phi_7\ \Phi_4^8\ \Phi_1^2$
7808	344	420	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{420}^2\ \Phi_{140}^2\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}$
7809	344	290	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{290}^2\ \Phi_{145}\ \Phi_{10}^2$
7810	344	720	$\frac{3}{40}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
7811	344	105	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{19}{105}$	$\frac{16}{35}$	$\Phi_{105}^4\ \Phi_{35}^2\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_7\ \Phi_5^2\ \Phi_3^4\ \Phi_1^2$
7812	344	315	$\frac{29}{315}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{143}{315}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_9\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
7813	344	315	$\frac{2}{45}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
7814	344	63	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{20}{63}$	$\frac{3}{7}$	$\Phi_{63}^8\ \Phi_9^8\ \Phi_7\ \Phi_1^2$
7815	344	91	$\frac{5}{91}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{91}^4\ \Phi_{13}^4\ \Phi_7\ \Phi_1^2$
7816	344	56	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{56}$	$\frac{3}{7}$	$\Phi_{56}^8\ \Phi_{28}^8\ \Phi_8^8\ \Phi_7\ \Phi_4^8\ \Phi_1^2$
7817	344	189	$\frac{17}{189}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{189}^2\ \Phi_{63}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
7818	344	105	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{105}$	$\frac{3}{7}$	$\Phi_{105}^4\ \Phi_{35}^4\ \Phi_{15}^4\ \Phi_7\ \Phi_5^4\ \Phi_1^2$
7819	344	336	$\frac{5}{48}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
7820	344	49	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{49}^8\ \Phi_7\ \Phi_1^2$
7821	344	49	$\frac{5}{49}$	$\frac{6}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{49}^7\ \Phi_7^7\ \Phi_1^8$
7822	344	70	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{8}{35}$	$\frac{27}{70}$	$\Phi_{70}^8\ \Phi_{35}^2\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_7\ \Phi_5^2\ \Phi_2^8\ \Phi_1^2$
7823	344	144	$\frac{5}{48}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{144}^3\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^3\ \Phi_{24}\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7824	344	198	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{198}^3\ \Phi_{99}\ \Phi_{66}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_6^2\ \Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
7825	344	132	$\frac{1}{44}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{132}^3\ \Phi_{66}^3\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
7826	344	45	$\frac{2}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{45}^8\ \Phi_{15}^7\ \Phi_9^8\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
7827	344	51	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{51}^7\ \Phi_{17}^6\ \Phi_3^8\ \Phi_1^8$
7828	344	315	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{45}^2\ \Phi_{15}$
7829	344	840	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{120}\ \Phi_{60}\ \Phi_{15}$
7830	344	105	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^3\ \Phi_{35}^3\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
7831	344	240	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{15}$
7832	344	735	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{735}\ \Phi_{15}$
7833	344	180	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7834	344	105	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{19}{105}$	$\frac{29}{105}$	$\Phi_{105}^3\ \Phi_{35}^4\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_7^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
7835	344	49	$\frac{6}{49}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{49}^7\ \Phi_7^7\ \Phi_1^8$
7836	345	136	$\frac{1}{68}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{67}{136}$	$\Phi_{136}\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
7837	345	464	$\frac{3}{116}$	$\frac{1}{4}$	$\frac{119}{464}$	$\frac{113}{232}$	$\Phi_{464}\ \Phi_{116}\ \Phi_{58}\ \Phi_{29}\ \Phi_{16}\ \Phi_1$
7838	345	224	$\frac{3}{112}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{109}{224}$	$\Phi_{224}^3\ \Phi_{32}^3\ \Phi_{16}\ \Phi_1$
7839	345	224	$\frac{3}{112}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{109}{224}$	$\Phi_{224}^3\ \Phi_{32}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
7840	345	308	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{21}{44}$	$\Phi_{154}^2\ \Phi_{77}^2\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
7841	345	308	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{21}{44}$	$\Phi_{308}^2\ \Phi_{44}^3\ \Phi_{28}^2\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
7842	345	132	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{132}^2\ \Phi_{66}^4\ \Phi_{44}\ \Phi_{33}^4\ \Phi_{22}^2\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
7843	345	390	$\frac{4}{65}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{390}\ \Phi_{195}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
7844	345	43	$\frac{3}{43}$	$\frac{7}{43}$	$\frac{8}{43}$	$\frac{20}{43}$	$\Phi_{43}^8\ \Phi_1^9$
7845	345	924	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{13}{28}$	$\Phi_{924}\ \Phi_{132}\ \Phi_{84}\ \Phi_{33}\ \Phi_{28}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
7846	345	84	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{84}^4\ \Phi_{42}^6\ \Phi_{28}^2\ \Phi_{21}^6\ \Phi_{14}^3\ \Phi_{12}^4\ \Phi_7^3\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
7847	345	128	$\frac{5}{64}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{59}{128}$	$\Phi_{128}^5\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
7848	345	336	$\frac{1}{16}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
7849	345	42	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{19}{42}$	$\Phi_{42}^7\ \Phi_{21}^{10}\ \Phi_{14}^7\ \Phi_7^9\ \Phi_6^6\ \Phi_3^9\ \Phi_2^6\ \Phi_1^9$
7850	345	240	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
7851	345	32	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{32}^{15}\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
7852	345	448	$\frac{9}{112}$	$\frac{1}{8}$	$\frac{103}{448}$	$\frac{7}{16}$	$\Phi_{448}\ \Phi_{224}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
7853	345	128	$\frac{13}{128}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{128}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}\ \Phi_1$
7854	345	80	$\frac{1}{16}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{80}^4\ \Phi_{40}^3\ \Phi_{20}^4\ \Phi_{16}^7\ \Phi_{10}^4\ \Phi_8^6\ \Phi_5^4\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
7855	345	120	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{17}{40}$	$\Phi_{120}^6\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{24}^6\ \Phi_{15}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
7856	345	128	$\frac{13}{128}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{128}^3\ \Phi_{64}^2\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
7857	345	336	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{336}^2\ \Phi_{112}\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
7858	345	136	$\frac{1}{34}$	$\frac{1}{4}$	$\frac{11}{34}$	$\frac{3}{8}$	$\Phi_{136}^4\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_8^5\ \Phi_2^2\ \Phi_1^3$
7859	345	24	$\frac{1}{24}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{24}^{15}\ \Phi_{12}^{15}\ \Phi_8^{12}\ \Phi_6^{15}\ \Phi_4^{14}\ \Phi_3^{15}\ \Phi_2^{14}\ \Phi_1^{15}$
7860	345	680	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{680}\ \Phi_{85}\ \Phi_{40}\ \Phi_8\ \Phi_5\ \Phi_1$
7861	345	144	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^4\ \Phi_{36}\ \Phi_{24}^4\ \Phi_{18}^2\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
7862	345	129	$\frac{4}{43}$	$\frac{14}{129}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{129}^3\ \Phi_{43}^2\ \Phi_3^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
7863	345	176	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{27}{88}$	$\frac{61}{176}$	$\Phi_{176}^3\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}^3\ \Phi_{11}\ \Phi_1$
7864	345	348	$\frac{1}{29}$	$\frac{1}{4}$	$\frac{28}{87}$	$\frac{59}{174}$	$\Phi_{348}\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{58}\ \Phi_{29}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
7865	345	172	$\frac{1}{43}$	$\frac{14}{43}$	$\frac{57}{172}$	$\frac{29}{86}$	$\Phi_{172}^3\ \Phi_{43}^2\ \Phi_4^3\ \Phi_1^3$
7866	345	168	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{53}{168}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
7867	345	231	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{10}{33}$	$\Phi_{231}^2\ \Phi_{33}^3\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
7868	345	132	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{132}^3\ \Phi_{66}\ \Phi_{44}^4\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{12}^5\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^5\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
7869	345	30	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{30}^{11}\ \Phi_{15}^{11}\ \Phi_{10}^{13}\ \Phi_6^{10}\ \Phi_5^{13}\ \Phi_3^{10}\ \Phi_2^{12}\ \Phi_1^{13}$
7870	345	84	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{84}^6\ \Phi_{42}^4\ \Phi_{28}^3\ \Phi_{21}^4\ \Phi_{14}\ \Phi_{12}^6\ \Phi_7^3\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
7871	345	32	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{7}{32}$	$\frac{9}{32}$	$\Phi_{32}^{11}\ \Phi_{16}^{11}\ \Phi_8^{10}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
7872	345	128	$\frac{13}{128}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{128}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
7873	345	28	$\frac{3}{28}$	$\frac{5}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{28}^{12}\ \Phi_{14}^{12}\ \Phi_7^{12}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
7874	346	342	$\frac{2}{171}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{169}{342}$	$\Phi_{342}^2\ \Phi_{114}^2\ \Phi_{38}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7875	346	276	$\frac{1}{69}$	$\frac{35}{138}$	$\frac{103}{276}$	$\frac{34}{69}$	$\Phi_{276}^2\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{23}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
7876	346	696	$\frac{1}{58}$	$\frac{59}{232}$	$\frac{1}{3}$	$\frac{57}{116}$	$\Phi_{696}\ \Phi_{174}\ \Phi_{87}\ \Phi_{24}\ \Phi_6$
7877	346	340	$\frac{3}{170}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{167}{340}$	$\Phi_{340}^2\ \Phi_{68}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
7878	346	336	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{163}{336}$	$\Phi_{336}^2\ \Phi_{112}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7879	346	322	$\frac{1}{23}$	$\frac{12}{161}$	$\frac{149}{322}$	$\frac{11}{23}$	$\Phi_{322}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{14}^2\ \Phi_2^2\ \Phi_1^2$
7880	346	330	$\frac{8}{165}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{157}{330}$	$\Phi_{330}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7881	346	210	$\frac{2}{35}$	$\frac{37}{210}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
7882	346	325	$\frac{21}{325}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{152}{325}$	$\Phi_{325}\ \Phi_{65}\ \Phi_{25}^2\ \Phi_{13}\ \Phi_5\ \Phi_1^2$
7883	346	200	$\frac{2}{25}$	$\frac{27}{200}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{200}^2\ \Phi_{100}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
7884	346	315	$\frac{1}{15}$	$\frac{31}{315}$	$\frac{14}{45}$	$\frac{142}{315}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
7885	346	315	$\frac{31}{315}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{142}{315}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_9\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
7886	346	240	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{67}{240}$	$\frac{53}{120}$	$\Phi_{240}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7887	346	300	$\frac{1}{15}$	$\frac{23}{150}$	$\frac{7}{30}$	$\frac{127}{300}$	$\Phi_{300}^2\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7888	346	300	$\frac{2}{25}$	$\frac{23}{150}$	$\frac{1}{5}$	$\frac{127}{300}$	$\Phi_{300}^2\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
7889	346	180	$\frac{7}{180}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7890	346	870	$\frac{1}{29}$	$\frac{28}{145}$	$\frac{1}{3}$	$\frac{117}{290}$	$\Phi_{870}\ \Phi_{174}\ \Phi_{87}\ \Phi_{30}\ \Phi_6$
7891	346	255	$\frac{3}{85}$	$\frac{1}{5}$	$\frac{82}{255}$	$\frac{2}{5}$	$\Phi_{255}^2\ \Phi_{51}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
7892	346	180	$\frac{7}{180}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
7893	346	280	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{33}{140}$	$\frac{107}{280}$	$\Phi_{280}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
7894	346	276	$\frac{1}{23}$	$\frac{11}{46}$	$\frac{35}{138}$	$\frac{103}{276}$	$\Phi_{276}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
7895	346	270	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{38}{135}$	$\frac{97}{270}$	$\Phi_{270}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7896	346	261	$\frac{2}{87}$	$\frac{85}{261}$	$\frac{1}{3}$	$\frac{88}{261}$	$\Phi_{261}\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
7897	346	228	$\frac{2}{57}$	$\frac{55}{228}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7898	346	180	$\frac{7}{180}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7899	346	252	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{79}{252}$	$\frac{1}{3}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
7900	346	192	$\frac{19}{192}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7901	346	210	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{210}$	$\frac{1}{3}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7902	346	225	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{52}{225}$	$\frac{23}{75}$	$\Phi_{225}^2\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
7903	346	210	$\frac{4}{35}$	$\frac{37}{210}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{210}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
7904	348	516	$\frac{1}{86}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{85}{172}$	$\Phi_{516}\ \Phi_{172}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
7905	348	285	$\frac{1}{57}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{28}{57}$	$\Phi_{285}\ \Phi_{95}\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
7906	348	228	$\frac{1}{57}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{28}{57}$	$\Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
7907	348	347	$\frac{7}{347}$	$\frac{59}{347}$	$\frac{144}{347}$	$\frac{170}{347}$	$\Phi_{347}\ \Phi_1^2$
7908	348	510	$\frac{2}{85}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{83}{170}$	$\Phi_{510}^2\ \Phi_{102}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
7909	348	156	$\frac{1}{39}$	$\frac{1}{4}$	$\frac{10}{39}$	$\frac{19}{39}$	$\Phi_{156}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
7910	348	347	$\frac{9}{347}$	$\frac{86}{347}$	$\frac{89}{347}$	$\frac{169}{347}$	$\Phi_{347}\ \Phi_1^2$
7911	348	105	$\frac{1}{35}$	$\frac{6}{35}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{105}^5\ \Phi_{21}^5\ \Phi_{15}^5\ \Phi_3^4$
7912	348	616	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{27}{56}$	$\Phi_{616}\ \Phi_{88}\ \Phi_{56}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
7913	348	168	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{168}^6\ \Phi_{24}^6\ \Phi_{21}$
7914	348	616	$\frac{1}{28}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{27}{56}$	$\Phi_{616}\ \Phi_{88}\ \Phi_{56}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
7915	348	280	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{280}^3\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
7916	348	300	$\frac{1}{25}$	$\frac{13}{100}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
7917	348	702	$\frac{2}{27}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{702}\ \Phi_{234}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
7918	348	108	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{25}{54}$	$\Phi_{108}^4\ \Phi_{36}^5\ \Phi_{27}^4\ \Phi_{18}\ \Phi_{12}^5\ \Phi_9^4\ \Phi_6\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
7919	348	260	$\frac{1}{13}$	$\frac{7}{65}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{260}^2\ \Phi_{130}^2\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}^2\ \Phi_{10}^2$
7920	348	160	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{73}{160}$	$\Phi_{160}^4\ \Phi_{40}\ \Phi_{32}^4\ \Phi_{20}\ \Phi_{10}$
7921	348	462	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{42}$	$\frac{5}{11}$	$\Phi_{462}\ \Phi_{231}\ \Phi_{66}\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
7922	348	352	$\frac{1}{11}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
7923	348	385	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{5}{11}$	$\Phi_{385}\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{11}\ \Phi_5^2\ \Phi_1^2$
7924	348	520	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{520}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{26}$
7925	348	252	$\frac{5}{63}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{18}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_6$
7926	348	52	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{4}$	$\frac{23}{52}$	$\Phi_{52}^5\ \Phi_{26}^9\ \Phi_{13}^8\ \Phi_4^4\ \Phi_2^8\ \Phi_1^8$
7927	348	160	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{160}^3\ \Phi_{80}^2\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^2$
7928	348	770	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{5}$	$\frac{67}{154}$	$\Phi_{770}\ \Phi_{110}\ \Phi_{70}\ \Phi_{55}\ \Phi_{10}$
7929	348	273	$\frac{4}{91}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{273}^2\ \Phi_{39}^2\ \Phi_{21}$
7930	348	150	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{1}{3}$	$\frac{21}{50}$	$\Phi_{150}^6\ \Phi_{75}\ \Phi_{30}^6\ \Phi_{15}\ \Phi_6^6$
7931	348	650	$\frac{1}{13}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{650}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
7932	348	468	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{468}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
7933	348	30	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{30}^{12}\ \Phi_{15}^{11}\ \Phi_{10}^{12}\ \Phi_6^{12}\ \Phi_5^{12}\ \Phi_3^{10}\ \Phi_2^{12}\ \Phi_1^{12}$
7934	348	190	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{9}{38}$	$\frac{2}{5}$	$\Phi_{190}^2\ \Phi_{95}\ \Phi_{38}^4\ \Phi_{19}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^4\ \Phi_1^4$
7935	348	624	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{624}\ \Phi_{208}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
7936	348	390	$\frac{1}{30}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}$
7937	348	420	$\frac{1}{35}$	$\frac{17}{70}$	$\frac{1}{3}$	$\frac{53}{140}$	$\Phi_{420}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}^2$
7938	348	220	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{220}^3\ \Phi_{110}\ \Phi_{55}\ \Phi_{20}^3\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
7939	348	347	$\frac{8}{347}$	$\frac{113}{347}$	$\frac{115}{347}$	$\frac{117}{347}$	$\Phi_{347}\ \Phi_1^2$
7940	348	525	$\frac{4}{175}$	$\frac{57}{175}$	$\frac{1}{3}$	$\frac{59}{175}$	$\Phi_{525}\ \Phi_{105}\ \Phi_{75}\ \Phi_{21}\ \Phi_{15}$
7941	348	129	$\frac{1}{43}$	$\frac{14}{43}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{129}^2\ \Phi_{43}^4\ \Phi_3^3\ \Phi_1^6$
7942	348	60	$\frac{1}{30}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{60}^8\ \Phi_{30}^4\ \Phi_{20}^8\ \Phi_{15}^4\ \Phi_{12}^7\ \Phi_{10}^4\ \Phi_6^3\ \Phi_5^4\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
7943	348	684	$\frac{2}{57}$	$\frac{1}{4}$	$\frac{55}{171}$	$\frac{1}{3}$	$\Phi_{684}\ \Phi_{342}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
7944	348	75	$\frac{1}{25}$	$\frac{17}{75}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{75}^4\ \Phi_{25}^6\ \Phi_{15}^4\ \Phi_5^6\ \Phi_3^3\ \Phi_1^6$
7945	348	255	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{27}{85}$	$\frac{1}{3}$	$\Phi_{255}^2\ \Phi_{51}^2\ \Phi_{15}^3\ \Phi_3^2$
7946	348	42	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{42}^6\ \Phi_{21}^7\ \Phi_{14}^{12}\ \Phi_7^{12}\ \Phi_6^6\ \Phi_3^6\ \Phi_2^{12}\ \Phi_1^{12}$
7947	348	63	$\frac{5}{63}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{63}^6\ \Phi_{21}^4\ \Phi_9^6\ \Phi_7^6\ \Phi_3^3\ \Phi_1^6$
7948	348	228	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^3\ \Phi_{114}\ \Phi_{57}^2\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
7949	348	672	$\frac{3}{32}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{21}$
7950	348	336	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{112}$	$\frac{1}{3}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{21}$
7951	348	468	$\frac{1}{13}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
7952	348	294	$\frac{11}{98}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{294}^2\ \Phi_{147}^2\ \Phi_{21}$
7953	348	105	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{105}^6\ \Phi_{21}\ \Phi_{15}^6$
7954	348	462	$\frac{1}{14}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{13}{42}$	$\Phi_{462}\ \Phi_{231}\ \Phi_{66}\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
7955	348	420	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{420}^2\ \Phi_{210}\ \Phi_{105}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
7956	348	540	$\frac{1}{9}$	$\frac{19}{135}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
7957	348	324	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{4}$	$\frac{23}{81}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
7958	348	40	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{5}$	$\frac{11}{40}$	$\Phi_{40}^9\ \Phi_{20}^9\ \Phi_{10}^9\ \Phi_8^8\ \Phi_5^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^8$
7959	348	352	$\frac{3}{32}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
7960	348	385	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{385}\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{11}\ \Phi_5^2\ \Phi_1^2$
7961	348	156	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{4}$	$\frac{10}{39}$	$\Phi_{156}^4\ \Phi_{78}^4\ \Phi_{52}\ \Phi_{26}\ \Phi_{12}^4\ \Phi_6^4$
7962	348	160	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{160}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
7963	348	560	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
7964	348	36	$\frac{1}{9}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{36}^9\ \Phi_{18}^9\ \Phi_{12}^9\ \Phi_9^{12}\ \Phi_6^9\ \Phi_4^8\ \Phi_3^{12}\ \Phi_2^8\ \Phi_1^{12}$
7965	348	140	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^3\ \Phi_{70}^3\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_4^4\ \Phi_2^4$
7966	349	688	$\frac{5}{344}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{339}{688}$	$\Phi_{688}\ \Phi_{16}\ \Phi_8\ \Phi_1$
7967	349	468	$\frac{2}{117}$	$\frac{119}{468}$	$\frac{1}{3}$	$\frac{115}{234}$	$\Phi_{468}\ \Phi_{156}\ \Phi_{117}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{13}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
7968	349	684	$\frac{7}{342}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{335}{684}$	$\Phi_{684}\ \Phi_{228}\ \Phi_{76}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
7969	349	672	$\frac{13}{336}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{323}{672}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
7970	349	672	$\frac{13}{336}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{323}{672}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{96}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
7971	349	390	$\frac{2}{39}$	$\frac{41}{390}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{65}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_1$
7972	349	378	$\frac{2}{27}$	$\frac{29}{378}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
7973	349	648	$\frac{2}{27}$	$\frac{25}{324}$	$\frac{1}{3}$	$\frac{299}{648}$	$\Phi_{648}\ \Phi_{216}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
7974	349	648	$\frac{25}{324}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{299}{648}$	$\Phi_{648}\ \Phi_{216}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
7975	349	504	$\frac{13}{168}$	$\frac{1}{12}$	$\frac{155}{504}$	$\frac{11}{24}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
7976	349	384	$\frac{1}{12}$	$\frac{35}{384}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
7977	349	640	$\frac{29}{320}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{291}{640}$	$\Phi_{640}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
7978	349	480	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{131}{480}$	$\frac{109}{240}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
7979	349	384	$\frac{35}{384}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
7980	349	624	$\frac{2}{39}$	$\frac{37}{312}$	$\frac{1}{3}$	$\frac{275}{624}$	$\Phi_{624}\ \Phi_{208}\ \Phi_{48}\ \Phi_{39}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
7981	349	616	$\frac{3}{44}$	$\frac{41}{308}$	$\frac{1}{4}$	$\frac{267}{616}$	$\Phi_{616}\ \Phi_{88}\ \Phi_{56}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
7982	349	432	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{83}{432}$	$\frac{61}{144}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
7983	349	600	$\frac{1}{12}$	$\frac{49}{300}$	$\frac{11}{60}$	$\frac{251}{600}$	$\Phi_{600}\ \Phi_{200}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
7984	349	576	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{288}$	$\frac{227}{576}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
7985	349	360	$\frac{11}{360}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
7986	349	528	$\frac{3}{88}$	$\frac{1}{4}$	$\frac{85}{264}$	$\frac{179}{528}$	$\Phi_{528}\ \Phi_{176}\ \Phi_{88}\ \Phi_{48}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
7987	349	513	$\frac{7}{171}$	$\frac{2}{9}$	$\frac{164}{513}$	$\frac{1}{3}$	$\Phi_{513}\ \Phi_{27}\ \Phi_9\ \Phi_1$
7988	349	405	$\frac{2}{27}$	$\frac{56}{405}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{405}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
7989	349	486	$\frac{2}{27}$	$\frac{25}{162}$	$\frac{137}{486}$	$\frac{1}{3}$	$\Phi_{486}\ \Phi_{243}\ \Phi_{27}\ \Phi_9\ \Phi_1$
7990	349	468	$\frac{2}{39}$	$\frac{37}{156}$	$\frac{119}{468}$	$\frac{1}{3}$	$\Phi_{468}\ \Phi_{234}\ \Phi_{117}\ \Phi_{39}\ \Phi_{36}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_1$
7991	349	432	$\frac{2}{27}$	$\frac{83}{432}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
7992	349	432	$\frac{1}{12}$	$\frac{83}{432}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
7993	349	480	$\frac{3}{32}$	$\frac{29}{160}$	$\frac{1}{4}$	$\frac{131}{480}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
7994	349	384	$\frac{35}{384}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
7995	349	448	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{99}{448}$	$\frac{1}{4}$	$\Phi_{448}\ \Phi_{224}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
7996	350	552	$\frac{1}{69}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{34}{69}$	$\Phi_{552}\ \Phi_{184}\ \Phi_{69}\ \Phi_{24}\ \Phi_{23}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
7997	350	1032	$\frac{3}{172}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{169}{344}$	$\Phi_{1032}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
7998	350	588	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{24}{49}$	$\Phi_{588}\ \Phi_{196}\ \Phi_{84}\ \Phi_{49}\ \Phi_{28}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
7999	350	441	$\frac{1}{49}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{441}\ \Phi_{63}\ \Phi_{49}\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
8000	350	612	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{33}{68}$	$\Phi_{612}\ \Phi_{204}\ \Phi_{68}^2\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
8001	350	204	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{204}^3\ \Phi_{68}^4\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8002	350	624	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{23}{48}$	$\Phi_{624}\ \Phi_{208}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_1^2$
8003	350	48	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{48}^{14}\ \Phi_{24}\ \Phi_{16}^{14}\ \Phi_{12}\ \Phi_6$
8004	350	136	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{136}^3\ \Phi_{68}^3\ \Phi_{34}\ \Phi_{17}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
8005	350	66	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{66}^{10}\ \Phi_{33}\ \Phi_{22}^{10}\ \Phi_6^{10}\ \Phi_2^{10}$
8006	350	192	$\frac{1}{16}$	$\frac{17}{192}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{192}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8007	350	351	$\frac{2}{27}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{351}\ \Phi_{117}\ \Phi_{27}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_1^2$
8008	350	468	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{6}{13}$	$\Phi_{468}\ \Phi_{234}\ \Phi_{117}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_1^2$
8009	350	364	$\frac{1}{13}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{364}\ \Phi_{182}\ \Phi_{91}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_1^2$
8010	350	416	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{6}{13}$	$\Phi_{416}\ \Phi_{208}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_1^2$
8011	350	78	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{78}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{13}^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
8012	350	528	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{528}\ \Phi_{176}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
8013	350	192	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{3}$	$\frac{29}{64}$	$\Phi_{192}^5\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
8014	350	704	$\frac{1}{11}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{704}\ \Phi_{44}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
8015	350	153	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{16}{51}$	$\frac{4}{9}$	$\Phi_{153}^2\ \Phi_{51}^3\ \Phi_{17}^2\ \Phi_9^3\ \Phi_3^4\ \Phi_1^4$
8016	350	153	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{4}{9}$	$\Phi_{153}^2\ \Phi_{51}^2\ \Phi_{17}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^6$
8017	350	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{72}^5\ \Phi_{36}^5\ \Phi_{24}^7\ \Phi_{18}^2\ \Phi_{12}^7\ \Phi_9^3\ \Phi_8^6\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
8018	350	349	$\frac{39}{349}$	$\frac{41}{349}$	$\frac{62}{349}$	$\frac{154}{349}$	$\Phi_{349}\ \Phi_1^2$
8019	350	426	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{1}{6}$	$\frac{31}{71}$	$\Phi_{426}\ \Phi_{213}\ \Phi_{142}$
8020	350	132	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{1}{3}$	$\frac{19}{44}$	$\Phi_{132}^7\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}^7\ \Phi_6$
8021	350	349	$\frac{29}{349}$	$\frac{57}{349}$	$\frac{64}{349}$	$\frac{146}{349}$	$\Phi_{349}\ \Phi_1^2$
8022	350	156	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{156}^4\ \Phi_{78}\ \Phi_{52}^4\ \Phi_{39}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
8023	350	588	$\frac{4}{49}$	$\frac{1}{6}$	$\frac{9}{49}$	$\frac{5}{12}$	$\Phi_{588}\ \Phi_{196}\ \Phi_{84}\ \Phi_{49}\ \Phi_{28}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
8024	350	132	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{132}^5\ \Phi_{66}\ \Phi_{44}^5\ \Phi_{33}\ \Phi_{22}$
8025	350	84	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{84}^3\ \Phi_{42}^4\ \Phi_{28}^5\ \Phi_{21}^4\ \Phi_{14}^6\ \Phi_{12}^4\ \Phi_7^5\ \Phi_6^4\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^6$
8026	350	349	$\frac{41}{349}$	$\frac{44}{349}$	$\frac{61}{349}$	$\frac{144}{349}$	$\Phi_{349}\ \Phi_1^2$
8027	350	136	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{136}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
8028	350	426	$\frac{6}{71}$	$\frac{1}{6}$	$\frac{13}{71}$	$\frac{29}{71}$	$\Phi_{426}\ \Phi_{213}\ \Phi_{142}$
8029	350	130	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{130}^3\ \Phi_{65}^3\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_1^2$
8030	350	72	$\frac{1}{36}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{72}^8\ \Phi_{36}^2\ \Phi_{24}^7\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^8\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8031	350	184	$\frac{1}{23}$	$\frac{11}{46}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{184}^3\ \Phi_{46}^2\ \Phi_{23}\ \Phi_8^4\ \Phi_2^2\ \Phi_1^2$
8032	350	552	$\frac{4}{69}$	$\frac{13}{69}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{552}\ \Phi_{184}\ \Phi_{69}\ \Phi_{24}\ \Phi_{23}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
8033	350	120	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^5\ \Phi_{40}^5\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_8^4\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8034	350	184	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{184}^3\ \Phi_{23}^3\ \Phi_8^4\ \Phi_1^4$
8035	350	88	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{88}^4\ \Phi_{44}^5\ \Phi_{22}^5\ \Phi_{11}^4$
8036	350	594	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{594}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
8037	350	264	$\frac{1}{44}$	$\frac{43}{132}$	$\frac{1}{3}$	$\frac{89}{264}$	$\Phi_{264}^2\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_6$
8038	350	234	$\frac{1}{26}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}\ \Phi_{39}\ \Phi_{18}^2\ \Phi_6$
8039	350	216	$\frac{2}{27}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
8040	350	102	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{102}^4\ \Phi_{51}^3\ \Phi_{34}^4\ \Phi_{17}^2\ \Phi_6^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
8041	350	72	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{72}^8\ \Phi_{36}^6\ \Phi_{24}\ \Phi_{18}^6\ \Phi_{12}\ \Phi_9^6\ \Phi_6$
8042	350	198	$\frac{1}{11}$	$\frac{23}{198}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_2^2$
8043	350	192	$\frac{17}{192}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
8044	350	48	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{13}{48}$	$\frac{1}{3}$	$\Phi_{48}^6\ \Phi_{24}^6\ \Phi_{16}^{10}\ \Phi_{12}^6\ \Phi_8^{10}\ \Phi_6^6\ \Phi_4^{10}\ \Phi_3^5\ \Phi_2^{10}\ \Phi_1^{10}$
8045	350	168	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^4\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{24}\ \Phi_{21}^3\ \Phi_{12}\ \Phi_6$
8046	350	441	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{441}\ \Phi_{63}\ \Phi_{49}\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
8047	350	198	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{198}^3\ \Phi_{99}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
8048	350	252	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{63}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
8049	350	96	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{96}^7\ \Phi_{48}^7\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
8050	350	132	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{44}$	$\frac{1}{3}$	$\Phi_{132}^5\ \Phi_{66}^5\ \Phi_{33}\ \Phi_{12}^5\ \Phi_6^5$
8051	350	102	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{102}^4\ \Phi_{51}^2\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_6^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
8052	350	528	$\frac{21}{176}$	$\frac{29}{176}$	$\frac{31}{176}$	$\frac{1}{3}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
8053	350	24	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{24}^{17}\ \Phi_{12}^{17}\ \Phi_8^{16}\ \Phi_6^9\ \Phi_4^{16}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
8054	350	528	$\frac{1}{11}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
8055	351	560	$\frac{1}{70}$	$\frac{71}{280}$	$\frac{209}{560}$	$\frac{69}{140}$	$\Phi_{560}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
8056	351	200	$\frac{1}{50}$	$\frac{17}{100}$	$\frac{83}{200}$	$\frac{49}{100}$	$\Phi_{200}^3\ \Phi_{100}\ \Phi_{40}^3\ \Phi_{20}\ \Phi_8^3\ \Phi_4\ \Phi_1$
8057	351	304	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{37}{76}$	$\Phi_{304}^2\ \Phi_{76}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
8058	351	76	$\frac{1}{38}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{37}{76}$	$\Phi_{76}^5\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
8059	351	680	$\frac{11}{340}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{329}{680}$	$\Phi_{680}\ \Phi_{136}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
8060	351	312	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{25}{52}$	$\Phi_{312}^2\ \Phi_{104}^2\ \Phi_{52}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
8061	351	780	$\frac{1}{26}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{780}\ \Phi_{260}\ \Phi_{60}\ \Phi_{52}\ \Phi_{20}\ \Phi_{15}\ \Phi_5\ \Phi_4\ \Phi_1$
8062	351	468	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{25}{52}$	$\Phi_{468}^2\ \Phi_{52}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
8063	351	208	$\frac{1}{26}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{208}^2\ \Phi_{104}^2\ \Phi_{52}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
8064	351	224	$\frac{5}{112}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{107}{224}$	$\Phi_{224}^3\ \Phi_{32}^3\ \Phi_{28}\ \Phi_4\ \Phi_1$
8065	351	224	$\frac{5}{112}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{107}{224}$	$\Phi_{224}^3\ \Phi_{32}^3\ \Phi_7^2\ \Phi_1^3$
8066	351	476	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{125}{476}$	$\frac{113}{238}$	$\Phi_{476}\ \Phi_{119}\ \Phi_{68}\ \Phi_{28}\ \Phi_{17}\ \Phi_4\ \Phi_1$
8067	351	220	$\frac{7}{110}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{103}{220}$	$\Phi_{220}^3\ \Phi_{44}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
8068	351	56	$\frac{1}{14}$	$\frac{5}{56}$	$\frac{17}{56}$	$\frac{13}{28}$	$\Phi_{56}^6\ \Phi_{28}^7\ \Phi_{14}^6\ \Phi_8^6\ \Phi_7^6\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
8069	351	392	$\frac{1}{14}$	$\frac{41}{392}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{28}\ \Phi_4\ \Phi_1$
8070	351	448	$\frac{1}{14}$	$\frac{15}{112}$	$\frac{97}{448}$	$\frac{13}{28}$	$\Phi_{448}\ \Phi_{224}\ \Phi_{64}\ \Phi_{32}\ \Phi_{28}\ \Phi_4\ \Phi_1$
8071	351	140	$\frac{1}{14}$	$\frac{23}{140}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{140}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{28}\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
8072	351	160	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{43}{160}$	$\frac{37}{80}$	$\Phi_{160}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
8073	351	312	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{4}{13}$	$\frac{11}{24}$	$\Phi_{312}^2\ \Phi_{104}^2\ \Phi_{24}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_1^3$
8074	351	120	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{120}^6\ \Phi_{40}^6\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
8075	351	640	$\frac{31}{320}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{289}{640}$	$\Phi_{640}\ \Phi_{128}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
8076	351	70	$\frac{1}{10}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{70}^4\ \Phi_{35}^5\ \Phi_{14}^4\ \Phi_{10}^8\ \Phi_7^5\ \Phi_5^8\ \Phi_2^8\ \Phi_1^9$
8077	351	304	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{6}{19}$	$\frac{7}{16}$	$\Phi_{304}^2\ \Phi_{19}^2\ \Phi_{16}^3\ \Phi_1^3$
8078	351	112	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{112}^6\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
8079	351	80	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{80}^4\ \Phi_{40}^6\ \Phi_{20}^6\ \Phi_{16}^2\ \Phi_{10}^5\ \Phi_8^3\ \Phi_5^5\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
8080	351	200	$\frac{1}{25}$	$\frac{17}{100}$	$\frac{8}{25}$	$\frac{83}{200}$	$\Phi_{200}^3\ \Phi_{40}^3\ \Phi_{25}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_1^3$
8081	351	200	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{83}{200}$	$\Phi_{200}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
8082	351	500	$\frac{1}{25}$	$\frac{24}{125}$	$\frac{149}{500}$	$\frac{101}{250}$	$\Phi_{500}\ \Phi_{125}\ \Phi_{100}\ \Phi_{20}\ \Phi_4\ \Phi_1$
8083	351	115	$\frac{4}{115}$	$\frac{1}{5}$	$\frac{37}{115}$	$\frac{2}{5}$	$\Phi_{115}^3\ \Phi_{23}^3\ \Phi_5^4\ \Phi_1^5$
8084	351	320	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{320}^2\ \Phi_{64}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
8085	351	400	$\frac{1}{10}$	$\frac{49}{400}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
8086	351	224	$\frac{1}{14}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{224}^2\ \Phi_{112}^2\ \Phi_{32}\ \Phi_{28}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
8087	351	14	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{14}^{24}\ \Phi_7^{26}\ \Phi_2^{24}\ \Phi_1^{27}$
8088	351	20	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{20}^{27}\ \Phi_{10}^8\ \Phi_5^8\ \Phi_4^{27}\ \Phi_2^8\ \Phi_1^9$
8089	351	50	$\frac{1}{25}$	$\frac{11}{50}$	$\frac{8}{25}$	$\frac{17}{50}$	$\Phi_{50}^6\ \Phi_{25}^8\ \Phi_{10}^6\ \Phi_5^8\ \Phi_2^6\ \Phi_1^9$
8090	351	175	$\frac{4}{175}$	$\frac{57}{175}$	$\frac{58}{175}$	$\frac{59}{175}$	$\Phi_{175}^2\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^3$
8091	351	195	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{195}^2\ \Phi_{65}^2\ \Phi_{15}^3\ \Phi_{13}^2\ \Phi_5^3\ \Phi_1^3$
8092	351	60	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^7\ \Phi_{30}^3\ \Phi_{20}^9\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^5\ \Phi_4^9\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
8093	351	76	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{76}^4\ \Phi_{38}^4\ \Phi_{19}^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
8094	351	35	$\frac{2}{35}$	$\frac{8}{35}$	$\frac{9}{35}$	$\frac{11}{35}$	$\Phi_{35}^{10}\ \Phi_7^{10}\ \Phi_5^{10}\ \Phi_1^{11}$
8095	351	236	$\frac{7}{118}$	$\frac{27}{118}$	$\frac{1}{4}$	$\frac{37}{118}$	$\Phi_{236}^2\ \Phi_{118}\ \Phi_{59}\ \Phi_4\ \Phi_1$
8096	351	234	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{4}{13}$	$\Phi_{234}^2\ \Phi_{117}^2\ \Phi_{18}^3\ \Phi_{13}^2\ \Phi_9^3\ \Phi_1^3$
8097	351	208	$\frac{1}{13}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{208}^2\ \Phi_{104}^2\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_1^3$
8098	351	56	$\frac{5}{56}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{17}{56}$	$\Phi_{56}^6\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_8^6\ \Phi_7^8\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
8099	351	140	$\frac{1}{7}$	$\frac{23}{140}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{140}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
8100	351	75	$\frac{2}{15}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{75}^5\ \Phi_{25}^3\ \Phi_{15}^7\ \Phi_5^4\ \Phi_3^7\ \Phi_1^5$
8101	351	180	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{180}^4\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
8102	351	160	$\frac{1}{10}$	$\frac{31}{160}$	$\frac{9}{40}$	$\frac{43}{160}$	$\Phi_{160}^2\ \Phi_{80}^2\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
8103	351	28	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{28}^{14}\ \Phi_{14}^{13}\ \Phi_7^{13}\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
8104	351	80	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{80}^6\ \Phi_{40}^6\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
8105	352	87	$\frac{1}{87}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{43}{87}$	$\Phi_{87}^4\ \Phi_{29}^4\ \Phi_3^5\ \Phi_1^6$
8106	352	351	$\frac{5}{351}$	$\frac{89}{351}$	$\frac{131}{351}$	$\frac{173}{351}$	$\Phi_{351}\ \Phi_{117}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_9\ \Phi_3\ \Phi_1^2$
8107	352	177	$\frac{1}{59}$	$\frac{15}{59}$	$\frac{1}{3}$	$\frac{29}{59}$	$\Phi_{177}^3\ \Phi_3^2$
8108	352	301	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{21}{43}$	$\Phi_{301}\ \Phi_{43}^2\ \Phi_7^2\ \Phi_1^4$
8109	352	645	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{645}\ \Phi_{15}^2$
8110	352	39	$\frac{1}{39}$	$\frac{5}{39}$	$\frac{17}{39}$	$\frac{19}{39}$	$\Phi_{39}^9\ \Phi_{13}^9\ \Phi_3^9\ \Phi_1^{10}$
8111	352	117	$\frac{1}{39}$	$\frac{29}{117}$	$\frac{10}{39}$	$\frac{19}{39}$	$\Phi_{117}^4\ \Phi_{39}\ \Phi_{13}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
8112	352	171	$\frac{5}{171}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{83}{171}$	$\Phi_{171}^2\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
8113	352	620	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{15}{31}$	$\Phi_{620}\ \Phi_{124}\ \Phi_{31}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
8114	352	465	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{15}{31}$	$\Phi_{465}\ \Phi_{93}\ \Phi_{31}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
8115	352	445	$\frac{3}{89}$	$\frac{1}{5}$	$\frac{23}{89}$	$\frac{43}{89}$	Φ_{445}
8116	352	81	$\frac{1}{27}$	$\frac{7}{81}$	$\frac{37}{81}$	$\frac{13}{27}$	$\Phi_{81}^4\ \Phi_{27}^5\ \Phi_9^5\ \Phi_3^5\ \Phi_1^6$
8117	352	243	$\frac{1}{27}$	$\frac{14}{81}$	$\frac{67}{243}$	$\frac{13}{27}$	$\Phi_{243}^2\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
8118	352	27	$\frac{1}{27}$	$\frac{5}{27}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{27}^{13}\ \Phi_9^{13}\ \Phi_3^{13}\ \Phi_1^{14}$
8119	352	177	$\frac{7}{177}$	$\frac{23}{177}$	$\frac{1}{3}$	$\frac{85}{177}$	$\Phi_{177}^2\ \Phi_{59}^2\ \Phi_3\ \Phi_1^2$
8120	352	169	$\frac{7}{169}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{81}{169}$	$\Phi_{169}^2\ \Phi_{13}^3\ \Phi_1^4$
8121	352	105	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{10}{21}$	$\Phi_{105}^3\ \Phi_{35}^3\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_7^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
8122	352	63	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{63}^6\ \Phi_{21}^4\ \Phi_9^8\ \Phi_7^4\ \Phi_3^5\ \Phi_1^6$
8123	352	105	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{105}^3\ \Phi_{35}^3\ \Phi_{21}^4\ \Phi_{15}^3\ \Phi_7^4\ \Phi_5^6\ \Phi_3^4\ \Phi_1^8$
8124	352	351	$\frac{17}{351}$	$\frac{23}{351}$	$\frac{164}{351}$	$\frac{167}{351}$	$\Phi_{351}\ \Phi_{117}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_9\ \Phi_3\ \Phi_1^2$
8125	352	60	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{60}^6\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_{10}^6\ \Phi_6^8\ \Phi_5^4\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
8126	352	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{45}^9\ \Phi_{15}^6\ \Phi_9^8\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
8127	352	210	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{7}{15}$	$\Phi_{210}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{14}^4\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
8128	352	351	$\frac{25}{351}$	$\frac{47}{351}$	$\frac{76}{351}$	$\frac{163}{351}$	$\Phi_{351}\ \Phi_{117}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_9\ \Phi_3\ \Phi_1^2$
8129	352	445	$\frac{7}{89}$	$\frac{12}{89}$	$\frac{1}{5}$	$\frac{41}{89}$	Φ_{445}
8130	352	351	$\frac{29}{351}$	$\frac{32}{351}$	$\frac{95}{351}$	$\frac{161}{351}$	$\Phi_{351}\ \Phi_{117}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_9\ \Phi_3\ \Phi_1^2$
8131	352	177	$\frac{4}{59}$	$\frac{5}{59}$	$\frac{1}{3}$	$\frac{27}{59}$	$\Phi_{177}^3\ \Phi_3^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
8132	352	81	$\frac{7}{81}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{37}{81}$	$\Phi_{81}^4\ \Phi_{27}^4\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
8133	352	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{132}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2$
8134	352	1020	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1020}\ \Phi_{204}\ \Phi_{51}$
8135	352	620	$\frac{3}{31}$	$\frac{1}{10}$	$\frac{7}{31}$	$\frac{9}{20}$	$\Phi_{620}\ \Phi_{124}\ \Phi_{31}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
8136	352	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{180}^4\ \Phi_{60}^4\ \Phi_{45}\ \Phi_{36}^4\ \Phi_{15}\ \Phi_{12}^4$
8137	352	27	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{27}^{16}\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
8138	352	351	$\frac{23}{351}$	$\frac{41}{351}$	$\frac{98}{351}$	$\frac{155}{351}$	$\Phi_{351}\ \Phi_{117}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_9\ \Phi_3\ \Phi_1^2$
8139	352	315	$\frac{1}{9}$	$\frac{37}{315}$	$\frac{8}{45}$	$\frac{139}{315}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
8140	352	177	$\frac{3}{59}$	$\frac{7}{59}$	$\frac{1}{3}$	$\frac{26}{59}$	$\Phi_{177}^3\ \Phi_3^2$
8141	352	39	$\frac{1}{13}$	$\frac{5}{39}$	$\frac{3}{13}$	$\frac{17}{39}$	$\Phi_{39}^8\ \Phi_{13}^{11}\ \Phi_3^8\ \Phi_1^{12}$
8142	352	39	$\frac{4}{39}$	$\frac{5}{39}$	$\frac{7}{39}$	$\frac{17}{39}$	$\Phi_{39}^9\ \Phi_{13}^9\ \Phi_3^9\ \Phi_1^{10}$
8143	352	483	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{483}\ \Phi_{69}^2$
8144	352	301	$\frac{3}{43}$	$\frac{1}{7}$	$\frac{10}{43}$	$\frac{3}{7}$	$\Phi_{301}\ \Phi_{43}^2\ \Phi_7^2\ \Phi_1^4$
8145	352	420	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2$
8146	352	391	$\frac{1}{23}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	Φ_{391}
8147	352	351	$\frac{19}{351}$	$\frac{67}{351}$	$\frac{83}{351}$	$\frac{142}{351}$	$\Phi_{351}\ \Phi_{117}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_9\ \Phi_3\ \Phi_1^2$
8148	352	225	$\frac{1}{9}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{225}^2\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{15}$
8149	352	132	$\frac{1}{12}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{132}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8150	352	198	$\frac{1}{33}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{198}^3\ \Phi_{66}^3\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8151	352	18	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{18}^{32}\ \Phi_9^7\ \Phi_6^{32}\ \Phi_3^7\ \Phi_2^{32}\ \Phi_1^8$
8152	352	13	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{13}^{27}\ \Phi_1^{28}$
8153	352	445	$\frac{5}{89}$	$\frac{1}{5}$	$\frac{21}{89}$	$\frac{34}{89}$	Φ_{445}
8154	352	351	$\frac{11}{351}$	$\frac{85}{351}$	$\frac{109}{351}$	$\frac{133}{351}$	$\Phi_{351}\ \Phi_{117}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_9\ \Phi_3\ \Phi_1^2$
8155	352	177	$\frac{5}{177}$	$\frac{43}{177}$	$\frac{1}{3}$	$\frac{67}{177}$	$\Phi_{177}^2\ \Phi_{59}^2\ \Phi_3\ \Phi_1^2$
8156	352	528	$\frac{1}{33}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{528}\ \Phi_{176}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
8157	352	273	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{79}{273}$	$\frac{97}{273}$	$\Phi_{273}\ \Phi_{91}^2\ \Phi_{39}\ \Phi_{21}\ \Phi_{13}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
8158	352	135	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{135}$	$\frac{47}{135}$	$\Phi_{135}^2\ \Phi_{45}^4\ \Phi_{27}^2\ \Phi_{15}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
8159	352	45	$\frac{1}{45}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{45}^8\ \Phi_{15}^8\ \Phi_9^8\ \Phi_5^8\ \Phi_3^5\ \Phi_1^6$
8160	352	261	$\frac{2}{87}$	$\frac{85}{261}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{261}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
8161	352	87	$\frac{1}{29}$	$\frac{7}{29}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{87}^3\ \Phi_{29}^6\ \Phi_3^4\ \Phi_1^8$
8162	352	345	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{345}\ \Phi_{115}^2$
8163	352	87	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{87}^4\ \Phi_{29}^4\ \Phi_3^5\ \Phi_1^6$
8164	352	36	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{36}^{12}\ \Phi_{18}^{12}\ \Phi_{12}^8\ \Phi_9^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
8165	352	63	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{63}^5\ \Phi_{21}^6\ \Phi_9^7\ \Phi_7^6\ \Phi_3^7\ \Phi_1^8$
8166	352	180	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8167	352	255	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{255}\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{17}^2$
8168	352	645	$\frac{3}{43}$	$\frac{1}{5}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{645}\ \Phi_{15}^2$
8169	352	177	$\frac{13}{177}$	$\frac{34}{177}$	$\frac{41}{177}$	$\frac{1}{3}$	$\Phi_{177}^2\ \Phi_{59}^2\ \Phi_3\ \Phi_1^2$
8170	352	126	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{126}^4\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^4\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
8171	352	60	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{60}^6\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{15}^3\ \Phi_{12}^8\ \Phi_{10}^6\ \Phi_6^8\ \Phi_5^6\ \Phi_4^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
8172	352	465	$\frac{3}{31}$	$\frac{1}{5}$	$\frac{7}{31}$	$\frac{4}{15}$	$\Phi_{465}\ \Phi_{93}\ \Phi_{31}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
8173	352	45	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{45}^9\ \Phi_{15}^5\ \Phi_9^8\ \Phi_5^8\ \Phi_3^4\ \Phi_1^8$
8174	352	27	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{27}^{12}\ \Phi_9^{15}\ \Phi_3^{15}\ \Phi_1^{16}$
8175	352	117	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{29}{117}$	$\frac{10}{39}$	$\Phi_{117}^4\ \Phi_{13}^3\ \Phi_9^4\ \Phi_1^4$
8176	352	70	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{70}^6\ \Phi_{35}^3\ \Phi_{14}^8\ \Phi_{10}^6\ \Phi_7^4\ \Phi_5^6\ \Phi_2^8\ \Phi_1^8$
8177	353	640	$\frac{1}{32}$	$\frac{33}{320}$	$\frac{287}{640}$	$\frac{31}{64}$	$\Phi_{640}\ \Phi_{128}\ \Phi_{64}\ \Phi_1$
8178	353	672	$\frac{17}{336}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{319}{672}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
8179	353	480	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{127}{480}$	$\frac{113}{240}$	$\Phi_{480}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
8180	353	660	$\frac{23}{330}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{307}{660}$	$\Phi_{660}\ \Phi_{220}\ \Phi_{132}\ \Phi_{60}\ \Phi_{44}\ \Phi_{33}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
8181	353	484	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{131}{484}$	$\frac{111}{242}$	$\Phi_{484}\ \Phi_{121}\ \Phi_{44}\ \Phi_4\ \Phi_1$
8182	353	432	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{79}{432}$	$\frac{65}{144}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
8183	353	640	$\frac{33}{320}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{287}{640}$	$\Phi_{640}\ \Phi_{128}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
8184	353	400	$\frac{47}{400}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
8185	353	576	$\frac{1}{32}$	$\frac{65}{288}$	$\frac{31}{96}$	$\frac{223}{576}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
8186	353	576	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{288}$	$\frac{223}{576}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
8187	353	512	$\frac{1}{32}$	$\frac{31}{128}$	$\frac{159}{512}$	$\frac{97}{256}$	$\Phi_{512}\ \Phi_{128}\ \Phi_{64}\ \Phi_1$
8188	353	384	$\frac{31}{384}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
8189	353	396	$\frac{1}{11}$	$\frac{43}{396}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
8190	353	528	$\frac{1}{44}$	$\frac{43}{132}$	$\frac{175}{528}$	$\frac{89}{264}$	$\Phi_{528}\ \Phi_{176}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
8191	353	495	$\frac{1}{11}$	$\frac{23}{165}$	$\frac{142}{495}$	$\frac{10}{33}$	$\Phi_{495}\ \Phi_{99}\ \Phi_{45}\ \Phi_{33}\ \Phi_9\ \Phi_3\ \Phi_1$
8192	353	504	$\frac{17}{168}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{151}{504}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
8193	353	480	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{160}$	$\frac{127}{480}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
8194	354	580	$\frac{1}{58}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{57}{116}$	$\Phi_{580}\ \Phi_{116}^2\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
8195	354	348	$\frac{1}{58}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{57}{116}$	$\Phi_{348}\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
8196	354	798	$\frac{2}{57}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{798}\ \Phi_{266}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
8197	354	560	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{560}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
8198	354	112	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{112}^6\ \Phi_{28}\ \Phi_{16}^6\ \Phi_{14}$
8199	354	68	$\frac{1}{17}$	$\frac{9}{68}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{68}^5\ \Phi_{34}^5\ \Phi_{17}^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
8200	354	770	$\frac{4}{55}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{770}\ \Phi_{154}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
8201	354	504	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
8202	354	756	$\frac{5}{54}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{756}\ \Phi_{252}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
8203	354	252	$\frac{4}{63}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{18}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_6^2$
8204	354	204	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{1}{4}$	$\frac{43}{102}$	$\Phi_{204}^2\ \Phi_{68}^3\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{17}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
8205	354	700	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{700}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
8206	354	435	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{28}{87}$	$\frac{2}{5}$	$\Phi_{435}\ \Phi_{87}^2\ \Phi_{15}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
8207	354	672	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
8208	354	448	$\frac{5}{64}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{28}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
8209	354	630	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{630}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
8210	354	348	$\frac{1}{29}$	$\frac{1}{4}$	$\frac{28}{87}$	$\frac{1}{3}$	$\Phi_{348}\ \Phi_{174}\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
8211	354	612	$\frac{1}{17}$	$\frac{35}{153}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{68}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}$
8212	354	84	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{84}^6\ \Phi_{42}^6\ \Phi_{28}\ \Phi_{21}^6\ \Phi_{14}\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^6$
8213	354	504	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
8214	354	140	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{140}^4\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^4\ \Phi_{14}\ \Phi_{10}^2\ \Phi_5^2$
8215	355	280	$\frac{1}{70}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{69}{140}$	$\Phi_{280}^2\ \Phi_{140}\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{28}\ \Phi_{20}\ \Phi_8^3\ \Phi_4\ \Phi_1$
8216	355	696	$\frac{7}{348}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{341}{696}$	$\Phi_{696}\ \Phi_{232}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
8217	355	138	$\frac{2}{69}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{138}^2\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{23}^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
8218	355	684	$\frac{13}{342}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{329}{684}$	$\Phi_{684}\ \Phi_{228}\ \Phi_{76}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
8219	355	408	$\frac{2}{51}$	$\frac{53}{408}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{68}\ \Phi_{51}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
8220	355	96	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{96}^5\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
8221	355	408	$\frac{3}{68}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{408}^2\ \Phi_{136}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
8222	355	672	$\frac{19}{336}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{317}{672}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{96}\ \Phi_{32}\ \Phi_{21}\ \Phi_7\ \Phi_1$
8223	355	672	$\frac{19}{336}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{317}{672}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
8224	355	432	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{77}{432}$	$\frac{67}{144}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
8225	355	132	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{132}^5\ \Phi_{44}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
8226	355	378	$\frac{23}{378}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{54}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_1$
8227	355	648	$\frac{31}{324}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{293}{648}$	$\Phi_{648}\ \Phi_{216}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
8228	355	384	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{57}{128}$	$\Phi_{384}^2\ \Phi_{128}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
8229	355	240	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}\ \Phi_{60}^2\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
8230	355	126	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{6}$	$\frac{55}{126}$	$\Phi_{126}^2\ \Phi_{63}^3\ \Phi_{42}^2\ \Phi_{21}^3\ \Phi_{18}^5\ \Phi_{14}^2\ \Phi_9^5\ \Phi_7^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
8231	355	612	$\frac{2}{51}$	$\frac{49}{306}$	$\frac{1}{3}$	$\frac{257}{612}$	$\Phi_{612}\ \Phi_{204}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
8232	355	120	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{120}^5\ \Phi_{40}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
8233	355	384	$\frac{29}{384}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
8234	355	576	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{288}$	$\frac{221}{576}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
8235	355	840	$\frac{1}{35}$	$\frac{1}{4}$	$\frac{34}{105}$	$\frac{3}{8}$	$\Phi_{840}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
8236	355	600	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{600}\ \Phi_{200}\ \Phi_{120}\ \Phi_{75}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
8237	355	168	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^4\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{12}\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
8238	355	616	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}\ \Phi_{88}\ \Phi_{77}\ \Phi_{11}\ \Phi_8\ \Phi_1$
8239	355	80	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{80}^5\ \Phi_{40}^3\ \Phi_{20}^5\ \Phi_{16}^5\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
8240	355	108	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{108}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
8241	355	459	$\frac{2}{51}$	$\frac{104}{459}$	$\frac{49}{153}$	$\frac{1}{3}$	$\Phi_{459}\ \Phi_{51}\ \Phi_{27}\ \Phi_{17}\ \Phi_1$
8242	355	504	$\frac{2}{21}$	$\frac{19}{168}$	$\frac{149}{504}$	$\frac{1}{3}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_1$
8243	355	84	$\frac{2}{21}$	$\frac{13}{84}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{84}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^5\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_7^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
8244	355	504	$\frac{19}{168}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{149}{504}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
8245	355	432	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{77}{432}$	$\frac{31}{108}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
8246	355	96	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^4\ \Phi_{24}^5\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
8247	356	528	$\frac{1}{88}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{87}{176}$	$\Phi_{528}\ \Phi_{176}^2\ \Phi_{48}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
8248	356	142	$\frac{1}{71}$	$\frac{18}{71}$	$\frac{53}{142}$	$\frac{35}{71}$	$\Phi_{142}^4\ \Phi_{71}\ \Phi_2^4\ \Phi_1^2$
8249	356	175	$\frac{3}{175}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{86}{175}$	$\Phi_{175}^2\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_7^2\ \Phi_5^3\ \Phi_1^4$
8250	356	870	$\frac{2}{87}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{870}\ \Phi_{290}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
8251	356	345	$\frac{11}{345}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{167}{345}$	$\Phi_{345}\ \Phi_{115}\ \Phi_{69}\ \Phi_{23}\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
8252	356	120	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{120}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
8253	356	170	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{81}{170}$	$\Phi_{170}^4\ \Phi_{34}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
8254	356	540	$\frac{1}{18}$	$\frac{19}{108}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
8255	356	840	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{79}{168}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{120}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
8256	356	165	$\frac{13}{165}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{76}{165}$	$\Phi_{165}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{15}^4\ \Phi_{11}^2\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
8257	356	810	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{73}{162}$	$\Phi_{810}\ \Phi_{270}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
8258	356	100	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{100}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
8259	356	160	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{5}$	$\frac{71}{160}$	$\Phi_{160}^4\ \Phi_{32}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
8260	356	315	$\frac{4}{45}$	$\frac{41}{315}$	$\frac{1}{5}$	$\frac{137}{315}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
8261	356	480	$\frac{7}{96}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
8262	356	150	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{1}{5}$	$\frac{61}{150}$	$\Phi_{150}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
8263	356	105	$\frac{3}{35}$	$\frac{16}{105}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{105}^4\ \Phi_{35}^2\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_7^2\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
8264	356	100	$\frac{11}{100}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{100}^4\ \Phi_{50}^4\ \Phi_{25}^2\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
8265	356	720	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{17}{72}$	$\frac{55}{144}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
8266	356	135	$\frac{2}{45}$	$\frac{1}{5}$	$\frac{43}{135}$	$\frac{46}{135}$	$\Phi_{135}^2\ \Phi_{45}^4\ \Phi_{27}^2\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
8267	356	132	$\frac{1}{44}$	$\frac{43}{132}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{132}^3\ \Phi_{66}^3\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
8268	356	276	$\frac{3}{92}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{276}\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_3\ \Phi_1^2$
8269	356	330	$\frac{1}{22}$	$\frac{21}{110}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{330}\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
8270	356	96	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{96}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{24}^3\ \Phi_{16}^4\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
8271	356	99	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{99}^4\ \Phi_{33}^3\ \Phi_{11}^2\ \Phi_9^4\ \Phi_3^4\ \Phi_1^4$
8272	356	540	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
8273	356	630	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{37}{126}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
8274	356	120	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
8275	357	704	$\frac{5}{352}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{347}{704}$	$\Phi_{704}\ \Phi_{64}\ \Phi_8\ \Phi_1$
8276	357	468	$\frac{2}{117}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{115}{234}$	$\Phi_{468}\ \Phi_{156}\ \Phi_{117}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
8277	357	300	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{49}{100}$	$\Phi_{150}^2\ \Phi_{100}\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
8278	357	900	$\frac{1}{50}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{900}\ \Phi_{180}\ \Phi_{100}\ \Phi_{36}\ \Phi_{20}\ \Phi_9\ \Phi_4\ \Phi_1$
8279	357	160	$\frac{1}{40}$	$\frac{1}{4}$	$\frac{41}{160}$	$\frac{39}{80}$	$\Phi_{160}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
8280	357	232	$\frac{3}{116}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{113}{232}$	$\Phi_{232}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
8281	357	460	$\frac{4}{115}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{111}{230}$	$\Phi_{460}\ \Phi_{115}\ \Phi_{92}\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
8282	357	144	$\frac{1}{24}$	$\frac{25}{144}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{144}^3\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
8283	357	228	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{109}{228}$	$\Phi_{228}\ \Phi_{114}^2\ \Phi_{76}\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
8284	357	160	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{19}{40}$	$\Phi_{160}^4\ \Phi_{40}\ \Phi_{32}^5\ \Phi_8\ \Phi_1$
8285	357	120	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{19}{40}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{40}\ \Phi_{30}^4\ \Phi_{24}^5\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
8286	357	40	$\frac{1}{20}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{40}^{17}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}^{17}\ \Phi_{5}\ \Phi_{1}$
8287	357	160	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{15}{32}$	$\Phi_{160}^{4}\ \Phi_{32}^{5}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
8288	357	32	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{32}^{21}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
8289	357	800	$\frac{1}{16}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{800}\ \Phi_{32}\ \Phi_{25}\ \Phi_{1}$
8290	357	400	$\frac{3}{40}$	$\frac{43}{400}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
8291	357	220	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{101}{220}$	$\Phi_{220}\ \Phi_{110}^{2}\ \Phi_{55}^{2}\ \Phi_{44}\ \Phi_{22}^{2}\ \Phi_{20}^{3}\ \Phi_{11}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
8292	357	216	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{4}$	$\frac{97}{216}$	$\Phi_{216}^{3}\ \Phi_{72}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
8293	357	640	$\frac{3}{40}$	$\frac{37}{320}$	$\frac{1}{4}$	$\frac{283}{640}$	$\Phi_{640}\ \Phi_{128}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
8294	357	128	$\frac{9}{128}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{128}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
8295	357	330	$\frac{1}{22}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}^{2}\ \Phi_{55}\ \Phi_{33}^{2}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
8296	357	60	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{13}{30}$	$\Phi_{60}^{8}\ \Phi_{30}\ \Phi_{20}^{8}\ \Phi_{15}^{7}\ \Phi_{12}^{8}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}^{7}\ \Phi_{4}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{7}$
8297	357	300	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{8}{25}$	$\frac{5}{12}$	$\Phi_{300}^{2}\ \Phi_{100}^{2}\ \Phi_{60}^{2}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
8298	357	264	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{264}^{2}\ \Phi_{88}^{2}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
8299	357	36	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{36}^{8}\ \Phi_{18}^{13}\ \Phi_{12}^{7}\ \Phi_{9}^{13}\ \Phi_{6}^{11}\ \Phi_{4}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
8300	357	660	$\frac{4}{55}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{660}\ \Phi_{220}\ \Phi_{132}\ \Phi_{55}\ \Phi_{44}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
8301	357	60	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{60}^{4}\ \Phi_{30}^{6}\ \Phi_{20}^{7}\ \Phi_{15}^{6}\ \Phi_{12}^{5}\ \Phi_{10}^{8}\ \Phi_{6}^{6}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
8302	357	200	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{1}{4}$	$\frac{81}{200}$	$\Phi_{200}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
8303	357	192	$\frac{1}{24}$	$\frac{23}{96}$	$\frac{1}{4}$	$\frac{73}{192}$	$\Phi_{192}^{3}\ \Phi_{64}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
8304	357	176	$\frac{5}{176}$	$\frac{1}{4}$	$\frac{57}{176}$	$\frac{3}{8}$	$\Phi_{176}^{2}\ \Phi_{88}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{16}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
8305	357	368	$\frac{11}{368}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_{8}\ \Phi_{1}$
8306	357	440	$\frac{5}{88}$	$\frac{83}{440}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
8307	357	128	$\frac{9}{128}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{128}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
8308	357	56	$\frac{5}{56}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{56}^{7}\ \Phi_{28}^{7}\ \Phi_{14}^{7}\ \Phi_{8}^{3}\ \Phi_{7}^{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
8309	357	104	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{104}^{4}\ \Phi_{52}^{4}\ \Phi_{26}\ \Phi_{13}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
8310	357	180	$\frac{1}{30}$	$\frac{1}{4}$	$\frac{29}{90}$	$\frac{61}{180}$	$\Phi_{180}\ \Phi_{90}^{2}\ \Phi_{60}^{3}\ \Phi_{45}^{2}\ \Phi_{36}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
8311	357	225	$\frac{1}{25}$	$\frac{2}{9}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{225}^{2}\ \Phi_{45}^{2}\ \Phi_{25}^{2}\ \Phi_{9}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
8312	357	156	$\frac{2}{39}$	$\frac{37}{156}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{39}^{3}\ \Phi_{26}^{2}\ \Phi_{13}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
8313	357	36	$\frac{1}{18}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{36}^{13}\ \Phi_{18}^{6}\ \Phi_{12}^{14}\ \Phi_{9}^{7}\ \Phi_{6}^{7}\ \Phi_{4}^{13}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
8314	357	495	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{495}\ \Phi_{99}\ \Phi_{55}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
8315	357	180	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^{3}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{3}\ \Phi_{20}^{3}\ \Phi_{18}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
8316	357	144	$\frac{1}{12}$	$\frac{25}{144}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{144}^{3}\ \Phi_{72}^{3}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
8317	357	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{3}{10}$	$\Phi_{120}^{4}\ \Phi_{60}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_{6}^{5}\ \Phi_{5}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
8318	357	20	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{20}^{17}\ \Phi_{10}^{19}\ \Phi_{5}^{19}\ \Phi_{4}^{16}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
8319	357	24	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{24}^{21}\ \Phi_{12}^{21}\ \Phi_{8}^{3}\ \Phi_{6}^{21}\ \Phi_{4}^{2}\ \Phi_{3}^{21}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
8320	357	600	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{25}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
8321	357	160	$\frac{3}{40}$	$\frac{37}{160}$	$\frac{1}{4}$	$\frac{41}{160}$	$\Phi_{160}^{2}\ \Phi_{80}^{2}\ \Phi_{40}^{3}\ \Phi_{32}^{2}\ \Phi_{20}^{3}\ \Phi_{16}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
8322	357	40	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{40}^{12}\ \Phi_{20}^{9}\ \Phi_{10}^{9}\ \Phi_{8}^{3}\ \Phi_{5}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
8323	357	64	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{64}^{7}\ \Phi_{32}^{7}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
8324	357	100	$\frac{3}{20}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{100}^{4}\ \Phi_{50}^{4}\ \Phi_{25}^{5}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
8325	358	354	$\frac{2}{177}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{175}{354}$	$\Phi_{354}^2\ \Phi_{118}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8326	358	240	$\frac{1}{60}$	$\frac{61}{240}$	$\frac{1}{3}$	$\frac{59}{120}$	$\Phi_{240}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8327	358	1056	$\frac{3}{176}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{173}{352}$	$\Phi_{1056}\ \Phi_{96}\ \Phi_{12}\ \Phi_6$
8328	358	306	$\frac{1}{51}$	$\frac{26}{153}$	$\frac{127}{306}$	$\frac{25}{51}$	$\Phi_{306}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8329	358	351	$\frac{7}{351}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{172}{351}$	$\Phi_{351}\ \Phi_{117}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
8330	358	350	$\frac{4}{175}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{171}{350}$	$\Phi_{350}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
8331	358	1050	$\frac{4}{175}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{171}{350}$	$\Phi_{1050}\ \Phi_{210}\ \Phi_{150}\ \Phi_{42}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
8332	358	216	$\frac{1}{36}$	$\frac{37}{216}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8333	358	348	$\frac{5}{174}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{169}{348}$	$\Phi_{348}^2\ \Phi_{116}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8334	358	345	$\frac{13}{345}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{166}{345}$	$\Phi_{345}\ \Phi_{115}\ \Phi_{69}\ \Phi_{23}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
8335	358	342	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{163}{342}$	$\Phi_{342}^2\ \Phi_{114}^2\ \Phi_{38}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8336	358	336	$\frac{1}{21}$	$\frac{11}{168}$	$\frac{157}{336}$	$\frac{10}{21}$	$\Phi_{336}^2\ \Phi_{112}^2\ \Phi_{48}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
8337	358	252	$\frac{1}{21}$	$\frac{11}{84}$	$\frac{73}{252}$	$\frac{10}{21}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
8338	358	210	$\frac{1}{21}$	$\frac{31}{210}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
8339	358	600	$\frac{1}{20}$	$\frac{21}{200}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
8340	358	340	$\frac{9}{170}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{161}{340}$	$\Phi_{340}^2\ \Phi_{68}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
8341	358	1020	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{161}{340}$	$\Phi_{1020}\ \Phi_{204}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
8342	358	255	$\frac{1}{17}$	$\frac{9}{85}$	$\frac{76}{255}$	$\frac{8}{17}$	$\Phi_{255}^2\ \Phi_{51}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
8343	358	204	$\frac{1}{17}$	$\frac{25}{204}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
8344	358	336	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{157}{336}$	$\Phi_{336}^2\ \Phi_{112}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8345	358	336	$\frac{11}{168}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{157}{336}$	$\Phi_{336}^2\ \Phi_{112}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
8346	358	192	$\frac{13}{192}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8347	358	330	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{1}{3}$	$\frac{151}{330}$	$\Phi_{330}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8348	358	324	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{1}{3}$	$\frac{145}{324}$	$\Phi_{324}^2\ \Phi_{108}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8349	358	960	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{1}{3}$	$\frac{141}{320}$	$\Phi_{960}\ \Phi_{192}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
8350	358	315	$\frac{2}{45}$	$\frac{43}{315}$	$\frac{1}{3}$	$\frac{136}{315}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
8351	358	315	$\frac{1}{21}$	$\frac{43}{315}$	$\frac{20}{63}$	$\frac{136}{315}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
8352	358	210	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{31}{210}$	$\frac{3}{7}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
8353	358	252	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{73}{252}$	$\frac{53}{126}$	$\Phi_{252}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
8354	358	300	$\frac{1}{30}$	$\frac{29}{150}$	$\frac{1}{3}$	$\frac{121}{300}$	$\Phi_{300}^2\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8355	358	196	$\frac{17}{196}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{196}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
8356	358	288	$\frac{1}{36}$	$\frac{35}{144}$	$\frac{1}{3}$	$\frac{109}{288}$	$\Phi_{288}^2\ \Phi_{96}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8357	358	552	$\frac{5}{184}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{12}\ \Phi_6$
8358	358	273	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{85}{273}$	$\frac{94}{273}$	$\Phi_{273}\ \Phi_{91}^2\ \Phi_{39}\ \Phi_{21}\ \Phi_{13}^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
8359	358	270	$\frac{1}{45}$	$\frac{44}{135}$	$\frac{1}{3}$	$\frac{91}{270}$	$\Phi_{270}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8360	358	264	$\frac{3}{88}$	$\frac{1}{4}$	$\frac{85}{264}$	$\frac{1}{3}$	$\Phi_{264}\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8361	358	216	$\frac{1}{18}$	$\frac{37}{216}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
8362	358	252	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{252}$	$\frac{1}{3}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8363	358	189	$\frac{10}{189}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{189}^2\ \Phi_{63}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
8364	358	240	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{61}{240}$	$\frac{1}{3}$	$\Phi_{240}\ \Phi_{120}\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8365	358	192	$\frac{13}{192}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8366	358	660	$\frac{3}{44}$	$\frac{41}{220}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
8367	358	234	$\frac{7}{117}$	$\frac{2}{9}$	$\frac{55}{234}$	$\frac{1}{3}$	$\Phi_{234}^2\ \Phi_{117}\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8368	358	600	$\frac{21}{200}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
8369	358	210	$\frac{4}{35}$	$\frac{31}{210}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8370	358	252	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{73}{252}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
8371	358	210	$\frac{1}{7}$	$\frac{31}{210}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
8372	358	224	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{45}{224}$	$\frac{3}{14}$	$\Phi_{224}^2\ \Phi_{112}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
8373	360	267	$\frac{1}{89}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{44}{89}$	$\Phi_{267}\ \Phi_{89}^2\ \Phi_3^2\ \Phi_1^4$
8374	360	359	$\frac{5}{359}$	$\frac{91}{359}$	$\frac{134}{359}$	$\frac{177}{359}$	$\Phi_{359}\ \Phi_1^2$
8375	360	568	$\frac{1}{71}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{35}{71}$	$\Phi_{568}\ \Phi_{71}\ \Phi_8^2\ \Phi_1^2$
8376	360	543	$\frac{3}{181}$	$\frac{46}{181}$	$\frac{1}{3}$	$\frac{89}{181}$	Φ_{543}
8377	360	295	$\frac{1}{59}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{29}{59}$	$\Phi_{295}\ \Phi_{59}^2\ \Phi_5^2\ \Phi_1^4$
8378	360	708	$\frac{1}{59}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{29}{59}$	$\Phi_{708}\ \Phi_{354}\ \Phi_{12}^2\ \Phi_6^2$
8379	360	359	$\frac{7}{359}$	$\frac{61}{359}$	$\frac{149}{359}$	$\frac{176}{359}$	$\Phi_{359}\ \Phi_1^2$
8380	360	616	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{43}{88}$	$\Phi_{616}\ \Phi_{88}^2\ \Phi_{56}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
8381	360	1320	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{1320}\ \Phi_{120}\ \Phi_{15}$
8382	360	484	$\frac{3}{121}$	$\frac{1}{4}$	$\frac{31}{121}$	$\frac{59}{121}$	$\Phi_{484}\ \Phi_{242}\ \Phi_{44}\ \Phi_{22}$
8383	360	359	$\frac{9}{359}$	$\frac{89}{359}$	$\frac{92}{359}$	$\frac{175}{359}$	$\Phi_{359}\ \Phi_1^2$
8384	360	624	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{19}{39}$	$\Phi_{624}\ \Phi_{208}\ \Phi_{48}\ \Phi_{39}\ \Phi_{16}^2\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
8385	360	156	$\frac{1}{39}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{19}{39}$	$\Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{13}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
8386	360	543	$\frac{5}{181}$	$\frac{31}{181}$	$\frac{1}{3}$	$\frac{88}{181}$	Φ_{543}
8387	360	315	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{17}{35}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_9^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
8388	360	210	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{210}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
8389	360	359	$\frac{11}{359}$	$\frac{37}{359}$	$\frac{161}{359}$	$\frac{174}{359}$	$\Phi_{359}\ \Phi_1^2$
8390	360	319	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{14}{29}$	$\Phi_{319}\ \Phi_{29}^2\ \Phi_{11}^2\ \Phi_1^4$
8391	360	609	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{609}\ \Phi_{21}^2$
8392	360	319	$\frac{1}{29}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{14}{29}$	$\Phi_{319}\ \Phi_{29}^2\ \Phi_{11}^2\ \Phi_1^4$
8393	360	580	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{580}\ \Phi_{290}\ \Phi_{20}^2\ \Phi_{10}^2$
8394	360	359	$\frac{13}{359}$	$\frac{31}{359}$	$\frac{164}{359}$	$\frac{173}{359}$	$\Phi_{359}\ \Phi_1^2$
8395	360	359	$\frac{13}{359}$	$\frac{62}{359}$	$\frac{99}{359}$	$\frac{173}{359}$	$\Phi_{359}\ \Phi_1^2$
8396	360	438	$\frac{3}{73}$	$\frac{1}{6}$	$\frac{19}{73}$	$\frac{35}{73}$	$\Phi_{438}\ \Phi_{219}\ \Phi_{146}$
8397	360	484	$\frac{5}{121}$	$\frac{21}{121}$	$\frac{1}{4}$	$\frac{58}{121}$	$\Phi_{484}\ \Phi_{242}\ \Phi_{44}\ \Phi_{22}$
8398	360	644	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{11}{23}$	$\Phi_{644}\ \Phi_{92}\ \Phi_{28}^2\ \Phi_{23}\ \Phi_4^2\ \Phi_1^2$
8399	360	161	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{11}{23}$	$\Phi_{161}^2\ \Phi_{23}^3\ \Phi_7^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
8400	360	276	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{276}^2\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{23}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
8401	360	359	$\frac{17}{359}$	$\frac{47}{359}$	$\frac{104}{359}$	$\frac{171}{359}$	$\Phi_{359}\ \Phi_1^2$
8402	360	359	$\frac{17}{359}$	$\frac{53}{359}$	$\frac{94}{359}$	$\frac{171}{359}$	$\Phi_{359}\ \Phi_1^2$
8403	360	427	$\frac{3}{61}$	$\frac{1}{7}$	$\frac{16}{61}$	$\frac{29}{61}$	Φ_{427}
8404	360	543	$\frac{9}{181}$	$\frac{19}{181}$	$\frac{1}{3}$	$\frac{86}{181}$	Φ_{543}
8405	360	323	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{9}{19}$	$\Phi_{323}\ \Phi_{19}^2\ \Phi_{17}^2\ \Phi_1^4$
8406	360	570	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{570}\ \Phi_{285}\ \Phi_{114}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
8407	360	323	$\frac{1}{19}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{9}{19}$	$\Phi_{323}\ \Phi_{19}^2\ \Phi_{17}^2\ \Phi_1^4$
8408	360	532	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{532}\ \Phi_{266}\ \Phi_{28}^2\ \Phi_{14}^2$
8409	360	359	$\frac{19}{359}$	$\frac{21}{359}$	$\frac{169}{359}$	$\frac{170}{359}$	$\Phi_{359}\ \Phi_1^2$
8410	360	359	$\frac{19}{359}$	$\frac{63}{359}$	$\frac{74}{359}$	$\frac{170}{359}$	$\Phi_{359}\ \Phi_1^2$
8411	360	455	$\frac{5}{91}$	$\frac{16}{91}$	$\frac{1}{5}$	$\frac{43}{91}$	$\Phi_{455}\ \Phi_{65}\ \Phi_{35}$
8412	360	484	$\frac{7}{121}$	$\frac{16}{121}$	$\frac{1}{4}$	$\frac{57}{121}$	$\Phi_{484}\ \Phi_{242}\ \Phi_{44}\ \Phi_{22}$
8413	360	359	$\frac{21}{359}$	$\frac{38}{359}$	$\frac{107}{359}$	$\frac{169}{359}$	$\Phi_{359}\ \Phi_1^2$
8414	360	359	$\frac{21}{359}$	$\frac{44}{359}$	$\frac{95}{359}$	$\frac{169}{359}$	$\Phi_{359}\ \Phi_1^2$
8415	360	561	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{561}\ \Phi_{33}^2$
8416	360	323	$\frac{1}{17}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{8}{17}$	$\Phi_{323}\ \Phi_{19}^2\ \Phi_{17}^2\ \Phi_1^4$
8417	360	510	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
8418	360	543	$\frac{11}{181}$	$\frac{16}{181}$	$\frac{1}{3}$	$\frac{85}{181}$	Φ_{543}
8419	360	438	$\frac{5}{73}$	$\frac{1}{6}$	$\frac{13}{73}$	$\frac{34}{73}$	$\Phi_{438}\ \Phi_{219}\ \Phi_{146}$
8420	360	359	$\frac{25}{359}$	$\frac{32}{359}$	$\frac{109}{359}$	$\frac{167}{359}$	$\Phi_{359}\ \Phi_1^2$
8421	360	359	$\frac{25}{359}$	$\frac{59}{359}$	$\frac{64}{359}$	$\frac{167}{359}$	$\Phi_{359}\ \Phi_1^2$
8422	360	1092	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{1092}\ \Phi_{156}\ \Phi_{39}$
8423	360	644	$\frac{1}{14}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{13}{28}$	$\Phi_{644}\ \Phi_{92}\ \Phi_{28}^2\ \Phi_{23}\ \Phi_4^2\ \Phi_1^2$
8424	360	252	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{252}\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
8425	360	644	$\frac{1}{14}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{13}{28}$	$\Phi_{644}\ \Phi_{92}\ \Phi_{28}^2\ \Phi_{23}\ \Phi_4^2\ \Phi_1^2$
8426	360	140	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{140}^6\ \Phi_{35}\ \Phi_{20}^6$
8427	360	410	$\frac{3}{41}$	$\frac{1}{10}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{410}\ \Phi_{205}\ \Phi_{82}$
8428	360	484	$\frac{9}{121}$	$\frac{13}{121}$	$\frac{1}{4}$	$\frac{56}{121}$	$\Phi_{484}\ \Phi_{242}\ \Phi_{44}\ \Phi_{22}$
8429	360	260	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{260}^2\ \Phi_{130}^2\ \Phi_{65}\ \Phi_{20}^2\ \Phi_{10}^2$
8430	360	407	$\frac{3}{37}$	$\frac{1}{11}$	$\frac{10}{37}$	$\frac{17}{37}$	Φ_{407}
8431	360	427	$\frac{5}{61}$	$\frac{1}{7}$	$\frac{11}{61}$	$\frac{28}{61}$	Φ_{427}
8432	360	359	$\frac{31}{359}$	$\frac{39}{359}$	$\frac{80}{359}$	$\frac{164}{359}$	$\Phi_{359}\ \Phi_1^2$
8433	360	359	$\frac{31}{359}$	$\frac{49}{359}$	$\frac{65}{359}$	$\frac{164}{359}$	$\Phi_{359}\ \Phi_1^2$
8434	360	528	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
8435	360	319	$\frac{2}{29}$	$\frac{1}{11}$	$\frac{9}{29}$	$\frac{5}{11}$	$\Phi_{319}\ \Phi_{29}^2\ \Phi_{11}^2\ \Phi_1^4$
8436	360	44	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_4^{10}\ \Phi_2^{10}$
8437	360	319	$\frac{1}{11}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{5}{11}$	$\Phi_{319}\ \Phi_{29}^2\ \Phi_{11}^2\ \Phi_1^4$
8438	360	462	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
8439	360	359	$\frac{29}{359}$	$\frac{33}{359}$	$\frac{98}{359}$	$\frac{163}{359}$	$\Phi_{359}\ \Phi_1^2$
8440	360	359	$\frac{33}{359}$	$\frac{49}{359}$	$\frac{62}{359}$	$\frac{163}{359}$	$\Phi_{359}\ \Phi_1^2$
8441	360	543	$\frac{11}{181}$	$\frac{17}{181}$	$\frac{1}{3}$	$\frac{82}{181}$	Φ_{543}
8442	360	438	$\frac{7}{73}$	$\frac{10}{73}$	$\frac{1}{6}$	$\frac{33}{73}$	$\Phi_{438}\ \Phi_{219}\ \Phi_{146}$
8443	360	455	$\frac{9}{91}$	$\frac{10}{91}$	$\frac{1}{5}$	$\frac{41}{91}$	$\Phi_{455}\ \Phi_{65}\ \Phi_{35}$
8444	360	359	$\frac{26}{359}$	$\frac{37}{359}$	$\frac{99}{359}$	$\frac{161}{359}$	$\Phi_{359}\ \Phi_1^2$
8445	360	543	$\frac{10}{181}$	$\frac{19}{181}$	$\frac{1}{3}$	$\frac{81}{181}$	Φ_{543}
8446	360	171	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{171}^2\ \Phi_{57}^3\ \Phi_{19}^2$
8447	360	315	$\frac{2}{35}$	$\frac{1}{9}$	$\frac{11}{35}$	$\frac{4}{9}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_9^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
8448	360	468	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{26}^2$
8449	360	315	$\frac{3}{35}$	$\frac{1}{9}$	$\frac{8}{35}$	$\frac{4}{9}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_9^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
8450	360	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{90}^4\ \Phi_{45}^3\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{10}^8\ \Phi_9^4\ \Phi_6^4\ \Phi_5^6\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
8451	360	63	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{63}^5\ \Phi_{21}^5\ \Phi_9^6\ \Phi_7^{10}\ \Phi_3^6\ \Phi_1^{12}$
8452	360	359	$\frac{20}{359}$	$\frac{41}{359}$	$\frac{113}{359}$	$\frac{159}{359}$	$\Phi_{359}\ \Phi_1^2$
8453	360	400	$\frac{1}{16}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
8454	360	336	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{336}^2\ \Phi_{112}^2\ \Phi_{48}\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
8455	360	208	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{3}{13}$	$\frac{7}{16}$	$\Phi_{208}^3\ \Phi_{16}^4\ \Phi_{13}^3\ \Phi_1^4$
8456	360	880	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{880}\ \Phi_{55}$
8457	360	624	$\frac{4}{39}$	$\frac{1}{8}$	$\frac{7}{39}$	$\frac{7}{16}$	$\Phi_{624}\ \Phi_{208}\ \Phi_{48}\ \Phi_{39}\ \Phi_{16}^2\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
8458	360	144	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{144}^5\ \Phi_{48}^3\ \Phi_{18}^3\ \Phi_{16}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8459	360	407	$\frac{1}{11}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	Φ_{407}
8460	360	359	$\frac{17}{359}$	$\frac{49}{359}$	$\frac{114}{359}$	$\frac{155}{359}$	$\Phi_{359}\ \Phi_1^2$
8461	360	359	$\frac{34}{359}$	$\frac{49}{359}$	$\frac{65}{359}$	$\frac{155}{359}$	$\Phi_{359}\ \Phi_1^2$
8462	360	359	$\frac{41}{359}$	$\frac{51}{359}$	$\frac{53}{359}$	$\frac{154}{359}$	$\Phi_{359}\ \Phi_1^2$
8463	360	154	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{7}{22}$	$\frac{3}{7}$	$\Phi_{154}^2\ \Phi_{77}^2\ \Phi_{22}^4\ \Phi_{14}^2\ \Phi_{11}^4\ \Phi_7^3\ \Phi_2^4\ \Phi_1^6$
8464	360	133	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{133}^3\ \Phi_{19}^2$
8465	360	112	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{112}^3\ \Phi_{56}^3\ \Phi_{28}^2\ \Phi_{16}^6\ \Phi_{14}^2\ \Phi_8^6\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
8466	360	245	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{245}^2\ \Phi_{35}$
8467	360	77	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{7}$	$\Phi_{77}^4\ \Phi_{11}^8\ \Phi_7^5\ \Phi_1^{10}$
8468	360	210	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}^4\ \Phi_{21}\ \Phi_{15}^4\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
8469	360	427	$\frac{7}{61}$	$\frac{1}{7}$	$\frac{9}{61}$	$\frac{26}{61}$	Φ_{427}
8470	360	438	$\frac{7}{73}$	$\frac{11}{73}$	$\frac{1}{6}$	$\frac{31}{73}$	$\Phi_{438}\ \Phi_{219}\ \Phi_{146}$
8471	360	359	$\frac{23}{359}$	$\frac{55}{359}$	$\frac{84}{359}$	$\frac{152}{359}$	$\Phi_{359}\ \Phi_1^2$
8472	360	359	$\frac{29}{359}$	$\frac{55}{359}$	$\frac{69}{359}$	$\frac{152}{359}$	$\Phi_{359}\ \Phi_1^2$
8473	360	130	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{5}$	$\frac{11}{26}$	$\Phi_{130}^6\ \Phi_{65}\ \Phi_{10}^6$
8474	360	484	$\frac{7}{121}$	$\frac{19}{121}$	$\frac{1}{4}$	$\frac{51}{121}$	$\Phi_{484}\ \Phi_{242}\ \Phi_{44}\ \Phi_{22}$
8475	360	359	$\frac{17}{359}$	$\frac{57}{359}$	$\frac{104}{359}$	$\frac{151}{359}$	$\Phi_{359}\ \Phi_1^2$
8476	360	543	$\frac{7}{181}$	$\frac{29}{181}$	$\frac{1}{3}$	$\frac{76}{181}$	Φ_{543}
8477	360	403	$\frac{1}{13}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	Φ_{403}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
8478	360	359	$\frac{14}{359}$	$\frac{61}{359}$	$\frac{115}{359}$	$\frac{149}{359}$	$\Phi_{359}\ \Phi_1^2$
8479	360	359	$\frac{35}{359}$	$\frac{54}{359}$	$\frac{61}{359}$	$\frac{149}{359}$	$\Phi_{359}\ \Phi_1^2$
8480	360	410	$\frac{1}{10}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{410}\ \Phi_{205}\ \Phi_{82}$
8481	360	427	$\frac{6}{61}$	$\frac{1}{7}$	$\frac{11}{61}$	$\frac{25}{61}$	Φ_{427}
8482	360	359	$\frac{34}{359}$	$\frac{53}{359}$	$\frac{65}{359}$	$\frac{147}{359}$	$\Phi_{359}\ \Phi_1^2$
8483	360	359	$\frac{24}{359}$	$\frac{67}{359}$	$\frac{71}{359}$	$\frac{146}{359}$	$\Phi_{359}\ \Phi_1^2$
8484	360	455	$\frac{6}{91}$	$\frac{17}{91}$	$\frac{1}{5}$	$\frac{37}{91}$	$\Phi_{455}\ \Phi_{65}\ \Phi_{35}$
8485	360	484	$\frac{6}{121}$	$\frac{23}{121}$	$\frac{1}{4}$	$\frac{49}{121}$	$\Phi_{484}\ \Phi_{242}\ \Phi_{44}\ \Phi_{22}$
8486	360	359	$\frac{14}{359}$	$\frac{69}{359}$	$\frac{107}{359}$	$\frac{145}{359}$	$\Phi_{359}\ \Phi_1^2$
8487	360	543	$\frac{6}{181}$	$\frac{35}{181}$	$\frac{1}{3}$	$\frac{73}{181}$	Φ_{543}
8488	360	465	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{465}\ \Phi_{93}^2$
8489	360	295	$\frac{2}{59}$	$\frac{1}{5}$	$\frac{19}{59}$	$\frac{2}{5}$	$\Phi_{295}\ \Phi_{59}^2\ \Phi_5^2\ \Phi_1^4$
8490	360	420	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_6^2$
8491	360	295	$\frac{3}{59}$	$\frac{1}{5}$	$\frac{14}{59}$	$\frac{2}{5}$	$\Phi_{295}\ \Phi_{59}^2\ \Phi_5^2\ \Phi_1^4$
8492	360	80	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{80}^5\ \Phi_{40}^5\ \Phi_{20}^5\ \Phi_{16}^4\ \Phi_{10}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4$
8493	360	295	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{295}\ \Phi_{59}^2\ \Phi_5^2\ \Phi_1^4$
8494	360	390	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2$
8495	360	295	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{295}\ \Phi_{59}^2\ \Phi_5^2\ \Phi_1^4$
8496	360	385	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{385}\ \Phi_{77}^2$
8497	360	359	$\frac{24}{359}$	$\frac{67}{359}$	$\frac{73}{359}$	$\frac{143}{359}$	$\Phi_{359}\ \Phi_1^2$
8498	360	410	$\frac{1}{10}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{410}\ \Phi_{205}\ \Phi_{82}$
8499	360	359	$\frac{11}{359}$	$\frac{81}{359}$	$\frac{116}{359}$	$\frac{139}{359}$	$\Phi_{359}\ \Phi_1^2$
8500	360	359	$\frac{35}{359}$	$\frac{44}{359}$	$\frac{81}{359}$	$\frac{139}{359}$	$\Phi_{359}\ \Phi_1^2$
8501	360	403	$\frac{1}{31}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{403}
8502	360	438	$\frac{5}{73}$	$\frac{1}{6}$	$\frac{17}{73}$	$\frac{28}{73}$	$\Phi_{438}\ \Phi_{219}\ \Phi_{146}$
8503	360	359	$\frac{19}{359}$	$\frac{74}{359}$	$\frac{85}{359}$	$\frac{137}{359}$	$\Phi_{359}\ \Phi_1^2$
8504	360	484	$\frac{5}{121}$	$\frac{29}{121}$	$\frac{1}{4}$	$\frac{46}{121}$	$\Phi_{484}\ \Phi_{242}\ \Phi_{44}\ \Phi_{22}$
8505	360	888	$\frac{1}{37}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{888}\ \Phi_{111}$
8506	360	568	$\frac{2}{71}$	$\frac{1}{4}$	$\frac{23}{71}$	$\frac{3}{8}$	$\Phi_{568}\ \Phi_{71}\ \Phi_8^2\ \Phi_1^2$
8507	360	200	$\frac{1}{25}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{200}^3\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
8508	360	568	$\frac{3}{71}$	$\frac{17}{71}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{568}\ \Phi_{71}\ \Phi_8^2\ \Phi_1^2$
8509	360	760	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{760}\ \Phi_{95}$
8510	360	568	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{568}\ \Phi_{71}\ \Phi_8^2\ \Phi_1^2$
8511	360	728	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{728}\ \Phi_{91}$
8512	360	568	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{568}\ \Phi_{71}\ \Phi_8^2\ \Phi_1^2$
8513	360	360	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^2\ \Phi_{120}^2\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
8514	360	359	$\frac{15}{359}$	$\frac{86}{359}$	$\frac{91}{359}$	$\frac{134}{359}$	$\Phi_{359}\ \Phi_1^2$
8515	360	399	$\frac{1}{21}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{399}\ \Phi_{133}\ \Phi_{57}$
8516	360	359	$\frac{19}{359}$	$\frac{68}{359}$	$\frac{97}{359}$	$\frac{131}{359}$	$\Phi_{359}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
8517	360	400	$\frac{1}{16}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
8518	360	359	$\frac{23}{359}$	$\frac{56}{359}$	$\frac{101}{359}$	$\frac{129}{359}$	$\Phi_{359}\ \Phi_1^2$
8519	360	403	$\frac{1}{13}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	Φ_{403}
8520	360	407	$\frac{1}{11}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	Φ_{407}
8521	360	359	$\frac{32}{359}$	$\frac{39}{359}$	$\frac{109}{359}$	$\frac{125}{359}$	$\Phi_{359}\ \Phi_1^2$
8522	360	359	$\frac{26}{359}$	$\frac{47}{359}$	$\frac{111}{359}$	$\frac{124}{359}$	$\Phi_{359}\ \Phi_1^2$
8523	360	427	$\frac{4}{61}$	$\frac{1}{7}$	$\frac{19}{61}$	$\frac{21}{61}$	Φ_{427}
8524	360	359	$\frac{20}{359}$	$\frac{59}{359}$	$\frac{113}{359}$	$\frac{123}{359}$	$\Phi_{359}\ \Phi_1^2$
8525	360	438	$\frac{4}{73}$	$\frac{1}{6}$	$\frac{23}{73}$	$\frac{25}{73}$	$\Phi_{438}\ \Phi_{219}\ \Phi_{146}$
8526	360	455	$\frac{4}{91}$	$\frac{1}{5}$	$\frac{29}{91}$	$\frac{31}{91}$	$\Phi_{455}\ \Phi_{65}\ \Phi_{35}$
8527	360	359	$\frac{14}{359}$	$\frac{79}{359}$	$\frac{115}{359}$	$\frac{122}{359}$	$\Phi_{359}\ \Phi_1^2$
8528	360	484	$\frac{4}{121}$	$\frac{1}{4}$	$\frac{39}{121}$	$\frac{41}{121}$	$\Phi_{484}\ \Phi_{242}\ \Phi_{44}\ \Phi_{22}$
8529	360	359	$\frac{8}{359}$	$\frac{117}{359}$	$\frac{119}{359}$	$\frac{121}{359}$	$\Phi_{359}\ \Phi_1^2$
8530	360	543	$\frac{4}{181}$	$\frac{59}{181}$	$\frac{1}{3}$	$\frac{61}{181}$	Φ_{543}
8531	360	138	$\frac{1}{46}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{138}^3\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_6^3\ \Phi_2^2$
8532	360	267	$\frac{2}{89}$	$\frac{29}{89}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{267}\ \Phi_{89}^2\ \Phi_3^2\ \Phi_1^4$
8533	360	372	$\frac{1}{31}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{372}\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{62}^2$
8534	360	267	$\frac{4}{89}$	$\frac{17}{89}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{267}\ \Phi_{89}^2\ \Phi_3^2\ \Phi_1^4$
8535	360	114	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{114}^4\ \Phi_{57}^3\ \Phi_{38}^4\ \Phi_{19}^2$
8536	360	267	$\frac{5}{89}$	$\frac{14}{89}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{267}\ \Phi_{89}^2\ \Phi_3^2\ \Phi_1^4$
8537	360	336	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
8538	360	267	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{267}\ \Phi_{89}^2\ \Phi_3^2\ \Phi_1^4$
8539	360	330	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{330}\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{55}^2\ \Phi_{22}^2$
8540	360	708	$\frac{2}{59}$	$\frac{1}{4}$	$\frac{19}{59}$	$\frac{1}{3}$	$\Phi_{708}\ \Phi_{354}\ \Phi_{12}^2\ \Phi_6^2$
8541	360	543	$\frac{7}{181}$	$\frac{41}{181}$	$\frac{58}{181}$	$\frac{1}{3}$	Φ_{543}
8542	360	330	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{30}^2\ \Phi_{15}^3$
8543	360	543	$\frac{10}{181}$	$\frac{31}{181}$	$\frac{57}{181}$	$\frac{1}{3}$	Φ_{543}
8544	360	210	$\frac{2}{35}$	$\frac{1}{6}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{210}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
8545	360	609	$\frac{2}{29}$	$\frac{1}{7}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{609}\ \Phi_{21}^2$
8546	360	543	$\frac{13}{181}$	$\frac{25}{181}$	$\frac{56}{181}$	$\frac{1}{3}$	Φ_{543}
8547	360	543	$\frac{16}{181}$	$\frac{21}{181}$	$\frac{55}{181}$	$\frac{1}{3}$	Φ_{543}
8548	360	561	$\frac{1}{11}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{561}\ \Phi_{33}^2$
8549	360	273	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{273}^2\ \Phi_{39}^3$
8550	360	543	$\frac{13}{181}$	$\frac{28}{181}$	$\frac{51}{181}$	$\frac{1}{3}$	Φ_{543}
8551	360	528	$\frac{1}{16}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
8552	360	543	$\frac{11}{181}$	$\frac{34}{181}$	$\frac{49}{181}$	$\frac{1}{3}$	Φ_{543}
8553	360	513	$\frac{1}{19}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{513}\ \Phi_{57}$
8554	360	543	$\frac{9}{181}$	$\frac{43}{181}$	$\frac{46}{181}$	$\frac{1}{3}$	Φ_{543}
8555	360	84	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^6\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_7^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
8556	360	708	$\frac{3}{59}$	$\frac{14}{59}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{708}\ \Phi_{354}\ \Phi_{12}^2\ \Phi_6^2$
8557	360	240	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^3$
8558	360	708	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{708}\ \Phi_{354}\ \Phi_{12}^2\ \Phi_6^2$
8559	360	156	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^3\ \Phi_{78}\ \Phi_{52}^4\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2$
8560	360	708	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{708}\ \Phi_{354}\ \Phi_{12}^2\ \Phi_6^2$
8561	360	924	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}$
8562	360	210	$\frac{3}{35}$	$\frac{1}{6}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{210}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
8563	360	543	$\frac{17}{181}$	$\frac{28}{181}$	$\frac{41}{181}$	$\frac{1}{3}$	Φ_{543}
8564	360	570	$\frac{1}{10}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{570}\ \Phi_{285}\ \Phi_{114}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
8565	360	543	$\frac{16}{181}$	$\frac{33}{181}$	$\frac{37}{181}$	$\frac{1}{3}$	Φ_{543}
8566	360	165	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{165}^4\ \Phi_{15}^5$
8567	360	30	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{30}^{10}\ \Phi_{15}^{11}\ \Phi_{10}^{14}\ \Phi_6^{12}\ \Phi_5^{14}\ \Phi_3^{12}\ \Phi_2^{16}\ \Phi_1^{16}$
8568	360	609	$\frac{4}{29}$	$\frac{1}{7}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{609}\ \Phi_{21}^2$
8569	360	543	$\frac{25}{181}$	$\frac{26}{181}$	$\frac{31}{181}$	$\frac{1}{3}$	Φ_{543}
8570	360	42	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{42}^{10}\ \Phi_{21}^5\ \Phi_{14}^{10}\ \Phi_7^{10}\ \Phi_6^{12}\ \Phi_3^6\ \Phi_2^{12}\ \Phi_1^{12}$
8571	360	319	$\frac{2}{29}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{9}{29}$	$\Phi_{319}\ \Phi_{29}^2\ \Phi_{11}^2\ \Phi_1^4$
8572	360	580	$\frac{2}{29}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{580}\ \Phi_{290}\ \Phi_{20}^2\ \Phi_{10}^2$
8573	360	359	$\frac{26}{359}$	$\frac{62}{359}$	$\frac{99}{359}$	$\frac{111}{359}$	$\Phi_{359}\ \Phi_1^2$
8574	360	65	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{65}^7\ \Phi_5^6$
8575	360	359	$\frac{29}{359}$	$\frac{69}{359}$	$\frac{83}{359}$	$\frac{110}{359}$	$\Phi_{359}\ \Phi_1^2$
8576	360	484	$\frac{10}{121}$	$\frac{21}{121}$	$\frac{1}{4}$	$\frac{37}{121}$	$\Phi_{484}\ \Phi_{242}\ \Phi_{44}\ \Phi_{22}$
8577	360	161	$\frac{2}{23}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{7}{23}$	$\Phi_{161}^2\ \Phi_{23}^3\ \Phi_7^4\ \Phi_1^6$
8578	360	276	$\frac{2}{23}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{276}^2\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{23}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
8579	360	359	$\frac{32}{359}$	$\frac{50}{359}$	$\frac{103}{359}$	$\frac{109}{359}$	$\Phi_{359}\ \Phi_1^2$
8580	360	438	$\frac{7}{73}$	$\frac{1}{6}$	$\frac{17}{73}$	$\frac{22}{73}$	$\Phi_{438}\ \Phi_{219}\ \Phi_{146}$
8581	360	359	$\frac{38}{359}$	$\frac{55}{359}$	$\frac{84}{359}$	$\frac{107}{359}$	$\Phi_{359}\ \Phi_1^2$
8582	360	484	$\frac{13}{121}$	$\frac{17}{121}$	$\frac{1}{4}$	$\frac{36}{121}$	$\Phi_{484}\ \Phi_{242}\ \Phi_{44}\ \Phi_{22}$
8583	360	323	$\frac{2}{17}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{17}$	$\Phi_{323}\ \Phi_{19}^2\ \Phi_{17}^2\ \Phi_1^4$
8584	360	510	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
8585	360	359	$\frac{47}{359}$	$\frac{51}{359}$	$\frac{77}{359}$	$\frac{104}{359}$	$\Phi_{359}\ \Phi_1^2$
8586	360	438	$\frac{10}{73}$	$\frac{1}{6}$	$\frac{13}{73}$	$\frac{21}{73}$	$\Phi_{438}\ \Phi_{219}\ \Phi_{146}$
8587	360	359	$\frac{50}{359}$	$\frac{59}{359}$	$\frac{64}{359}$	$\frac{103}{359}$	$\Phi_{359}\ \Phi_1^2$
8588	360	252	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_6^3$
8589	360	161	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{5}{23}$	$\frac{2}{7}$	$\Phi_{161}^2\ \Phi_{23}^3\ \Phi_7^4\ \Phi_1^6$
8590	360	35	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{35}^{13}\ \Phi_5^{12}$
8591	360	414	$\frac{1}{9}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{414}\ \Phi_{207}\ \Phi_{138}\ \Phi_{69}\ \Phi_{18}\ \Phi_6$
8592	360	359	$\frac{43}{359}$	$\frac{56}{359}$	$\frac{79}{359}$	$\frac{101}{359}$	$\Phi_{359}\ \Phi_1^2$
8593	360	427	$\frac{1}{7}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	Φ_{427}
8594	360	359	$\frac{49}{359}$	$\frac{62}{359}$	$\frac{65}{359}$	$\frac{99}{359}$	$\Phi_{359}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
8595	360	455	$\frac{11}{91}$	$\frac{16}{91}$	$\frac{1}{5}$	$\frac{25}{91}$	$\Phi_{455}\ \Phi_{65}\ \Phi_{35}$
8596	360	359	$\frac{34}{359}$	$\frac{65}{359}$	$\frac{87}{359}$	$\frac{98}{359}$	$\Phi_{359}\ \Phi_{1}^{2}$
8597	360	44	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_{4}^{10}\ \Phi_{2}^{10}$
8598	360	319	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{319}\ \Phi_{29}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
8599	360	462	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}$
8600	360	407	$\frac{1}{11}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	Φ_{407}
8601	360	359	$\frac{44}{359}$	$\frac{63}{359}$	$\frac{74}{359}$	$\frac{95}{359}$	$\Phi_{359}\ \Phi_{1}^{2}$
8602	360	427	$\frac{1}{7}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	Φ_{427}
8603	360	359	$\frac{51}{359}$	$\frac{53}{359}$	$\frac{77}{359}$	$\frac{94}{359}$	$\Phi_{359}\ \Phi_{1}^{2}$
8604	360	438	$\frac{9}{73}$	$\frac{1}{6}$	$\frac{16}{73}$	$\frac{19}{73}$	$\Phi_{438}\ \Phi_{219}\ \Phi_{146}$
8605	360	359	$\frac{27}{359}$	$\frac{83}{359}$	$\frac{89}{359}$	$\frac{92}{359}$	$\Phi_{359}\ \Phi_{1}^{2}$
8606	360	484	$\frac{9}{121}$	$\frac{28}{121}$	$\frac{1}{4}$	$\frac{31}{121}$	$\Phi_{484}\ \Phi_{242}\ \Phi_{44}\ \Phi_{22}$
8607	360	52	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{52}^{6}\ \Phi_{26}^{6}\ \Phi_{13}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
8608	360	220	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{220}^{2}\ \Phi_{110}^{2}\ \Phi_{55}^{3}$
8609	360	156	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{39}^{3}\ \Phi_{26}^{2}\ \Phi_{13}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
8610	360	36	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{36}^{10}\ \Phi_{18}^{13}\ \Phi_{12}^{6}\ \Phi_{9}^{12}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
8611	360	276	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{276}^{2}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{23}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
8612	360	484	$\frac{17}{121}$	$\frac{19}{121}$	$\frac{26}{121}$	$\frac{1}{4}$	$\Phi_{484}\ \Phi_{242}\ \Phi_{44}\ \Phi_{22}$
8613	360	532	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{532}\ \Phi_{266}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
8614	360	484	$\frac{16}{121}$	$\frac{21}{121}$	$\frac{25}{121}$	$\frac{1}{4}$	$\Phi_{484}\ \Phi_{242}\ \Phi_{44}\ \Phi_{22}$
8615	360	580	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{580}\ \Phi_{290}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
8616	360	420	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^{2}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{35}$
8617	360	280	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{280}^{2}\ \Phi_{140}^{2}\ \Phi_{40}^{2}\ \Phi_{35}\ \Phi_{20}^{2}$
8618	361	576	$\frac{1}{72}$	$\frac{73}{288}$	$\frac{215}{576}$	$\frac{71}{144}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{144}\ \Phi_{64}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
8619	361	640	$\frac{1}{40}$	$\frac{41}{320}$	$\frac{279}{640}$	$\frac{39}{80}$	$\Phi_{640}\ \Phi_{128}\ \Phi_{80}\ \Phi_{16}\ \Phi_{1}$
8620	361	480	$\frac{1}{40}$	$\frac{119}{480}$	$\frac{41}{160}$	$\frac{39}{80}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
8621	361	704	$\frac{9}{352}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{343}{704}$	$\Phi_{704}\ \Phi_{64}\ \Phi_{16}\ \Phi_{1}$
8622	361	672	$\frac{1}{24}$	$\frac{25}{336}$	$\frac{311}{672}$	$\frac{23}{48}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
8623	361	36	$\frac{1}{18}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{17}{36}$	$\Phi_{36}^{2}\ \Phi_{18}^{18}\ \Phi_{12}^{2}\ \Phi_{9}^{18}\ \Phi_{6}^{18}\ \Phi_{4}^{2}\ \Phi_{3}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
8624	361	252	$\frac{1}{18}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{252}^{3}\ \Phi_{84}^{3}\ \Phi_{36}\ \Phi_{28}^{3}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
8625	361	108	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{17}{36}$	$\Phi_{108}^{9}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
8626	361	72	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{17}{36}$	$\Phi_{72}^{6}\ \Phi_{36}\ \Phi_{24}^{7}\ \Phi_{18}^{6}\ \Phi_{12}^{2}\ \Phi_{9}^{6}\ \Phi_{8}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
8627	361	416	$\frac{3}{52}$	$\frac{55}{416}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{416}\ \Phi_{208}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
8628	361	396	$\frac{2}{33}$	$\frac{35}{396}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
8629	361	672	$\frac{25}{336}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{311}{672}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{96}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
8630	361	660	$\frac{2}{33}$	$\frac{31}{330}$	$\frac{1}{3}$	$\frac{299}{660}$	$\Phi_{660}\ \Phi_{220}\ \Phi_{132}\ \Phi_{60}\ \Phi_{44}\ \Phi_{33}\ \Phi_{20}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
8631	361	392	$\frac{31}{392}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
8632	361	648	$\frac{1}{18}$	$\frac{37}{324}$	$\frac{17}{54}$	$\frac{287}{648}$	$\Phi_{648}\ \Phi_{216}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
8633	361	528	$\frac{9}{176}$	$\frac{1}{8}$	$\frac{167}{528}$	$\frac{7}{16}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
8634	361	384	$\frac{23}{384}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
8635	361	504	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{143}{504}$	$\frac{109}{252}$	$\Phi_{504}\ \Phi_{168}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
8636	361	624	$\frac{3}{52}$	$\frac{49}{312}$	$\frac{1}{4}$	$\frac{263}{624}$	$\Phi_{624}\ \Phi_{208}\ \Phi_{52}\ \Phi_{48}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
8637	361	450	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{89}{450}$	$\frac{61}{150}$	$\Phi_{450}\ \Phi_{225}\ \Phi_{90}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{18}\ \Phi_9\ \Phi_1$
8638	361	160	$\frac{1}{20}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{160}^4\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
8639	361	600	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{61}{300}$	$\frac{239}{600}$	$\Phi_{600}\ \Phi_{200}\ \Phi_{120}\ \Phi_{75}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_8\ \Phi_1$
8640	361	120	$\frac{1}{20}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
8641	361	576	$\frac{1}{24}$	$\frac{23}{96}$	$\frac{73}{288}$	$\frac{215}{576}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
8642	361	60	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{60}^5\ \Phi_{30}^4\ \Phi_{20}^9\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^8\ \Phi_6^4\ \Phi_5^8\ \Phi_4^9\ \Phi_3^5\ \Phi_2^8\ \Phi_1^9$
8643	361	432	$\frac{1}{18}$	$\frac{71}{432}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
8644	361	540	$\frac{1}{45}$	$\frac{44}{135}$	$\frac{179}{540}$	$\frac{91}{270}$	$\Phi_{540}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
8645	361	21	$\frac{2}{21}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{21}^{17}\ \Phi_7^{17}\ \Phi_3^{18}\ \Phi_1^{19}$
8646	361	189	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{189}^3\ \Phi_{27}\ \Phi_{21}\ \Phi_7\ \Phi_1$
8647	361	495	$\frac{2}{33}$	$\frac{31}{165}$	$\frac{134}{495}$	$\frac{1}{3}$	$\Phi_{495}\ \Phi_{99}\ \Phi_{45}\ \Phi_{33}\ \Phi_{11}\ \Phi_9\ \Phi_1$
8648	361	168	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
8649	361	486	$\frac{1}{18}$	$\frac{37}{162}$	$\frac{125}{486}$	$\frac{17}{54}$	$\Phi_{486}\ \Phi_{243}\ \Phi_{54}\ \Phi_{27}\ \Phi_1$
8650	361	468	$\frac{3}{52}$	$\frac{107}{468}$	$\frac{1}{4}$	$\frac{49}{156}$	$\Phi_{468}\ \Phi_{234}\ \Phi_{117}\ \Phi_{52}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_1$
8651	361	420	$\frac{3}{28}$	$\frac{59}{420}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
8652	361	27	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{8}{27}$	$\Phi_{27}^{11}\ \Phi_9^{18}\ \Phi_3^{18}\ \Phi_1^{19}$
8653	361	216	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{8}{27}$	$\Phi_{216}^3\ \Phi_{108}^3\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
8654	361	504	$\frac{3}{28}$	$\frac{25}{168}$	$\frac{1}{4}$	$\frac{143}{504}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
8655	361	448	$\frac{3}{28}$	$\frac{87}{448}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{448}\ \Phi_{224}\ \Phi_{64}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
8656	361	24	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{5}{24}$	$\Phi_{24}^{14}\ \Phi_{12}^{14}\ \Phi_8^{14}\ \Phi_6^{18}\ \Phi_4^{14}\ \Phi_3^{18}\ \Phi_2^{18}\ \Phi_1^{19}$
8657	362	1050	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{169}{350}$	$\Phi_{1050}\ \Phi_{210}\ \Phi_{150}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_6$
8658	362	624	$\frac{1}{26}$	$\frac{27}{208}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_6$
8659	362	342	$\frac{1}{19}$	$\frac{10}{171}$	$\frac{161}{342}$	$\frac{9}{19}$	$\Phi_{342}^2\ \Phi_{114}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
8660	362	228	$\frac{1}{19}$	$\frac{10}{57}$	$\frac{47}{228}$	$\frac{9}{19}$	$\Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
8661	362	1014	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{157}{338}$	$\Phi_{1014}\ \Phi_{78}\ \Phi_{39}\ \Phi_6$
8662	362	588	$\frac{1}{14}$	$\frac{15}{196}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{588}\ \Phi_{294}\ \Phi_{147}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
8663	362	336	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{1}{3}$	$\frac{155}{336}$	$\Phi_{336}^2\ \Phi_{112}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_6$
8664	362	312	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{1}{3}$	$\frac{131}{312}$	$\Phi_{312}^2\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6$
8665	362	304	$\frac{1}{19}$	$\frac{29}{152}$	$\frac{9}{38}$	$\frac{123}{304}$	$\Phi_{304}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_2^2\ \Phi_1^2$
8666	362	228	$\frac{1}{19}$	$\frac{47}{228}$	$\frac{9}{38}$	$\frac{29}{76}$	$\Phi_{228}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
8667	362	285	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{77}{285}$	$\frac{104}{285}$	$\Phi_{285}\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{19}\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
8668	362	234	$\frac{1}{26}$	$\frac{53}{234}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}\ \Phi_{39}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6$
8669	362	210	$\frac{1}{14}$	$\frac{29}{210}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
8670	362	252	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{71}{252}$	$\frac{1}{3}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6$
8671	362	672	$\frac{1}{14}$	$\frac{43}{224}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{96}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
8672	362	210	$\frac{29}{210}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{210}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8673	363	320	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{31}{64}$	$\Phi_{320}^2\ \Phi_{64}^3\ \Phi_{20}\ \Phi_4\ \Phi_1$
8674	363	960	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{31}{64}$	$\Phi_{960}\ \Phi_{192}\ \Phi_{64}\ \Phi_{15}\ \Phi_3\ \Phi_1$
8675	363	80	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{5}{16}$	$\frac{9}{20}$	$\Phi_{80}^4\ \Phi_{40}^4\ \Phi_{20}^5\ \Phi_{16}^6\ \Phi_{10}^4\ \Phi_8^6\ \Phi_5^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
8676	363	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{60}^6\ \Phi_{30}^6\ \Phi_{20}^5\ \Phi_{15}^6\ \Phi_{12}^9\ \Phi_{10}^4\ \Phi_6^9\ \Phi_5^4\ \Phi_4^7\ \Phi_3^9\ \Phi_2^6\ \Phi_1^7$
8677	363	40	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{9}{20}$	$\Phi_{40}^9\ \Phi_{20}^{10}\ \Phi_{10}^9\ \Phi_8^8\ \Phi_5^9\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
8678	363	306	$\frac{1}{34}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{306}\ \Phi_{153}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{17}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
8679	363	272	$\frac{1}{34}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{272}^2\ \Phi_{68}^2\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_4\ \Phi_1$
8680	363	105	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{105}^3\ \Phi_{35}^5\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_7^5\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
8681	363	240	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{5}{16}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
8682	363	60	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{60}^5\ \Phi_{30}^5\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{12}^8\ \Phi_{10}^6\ \Phi_6^8\ \Phi_5^6\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
8683	363	120	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{40}\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^4\ \Phi_5\ \Phi_3^5\ \Phi_1$
8684	364	180	$\frac{1}{90}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{89}{180}$	$\Phi_{180}^4\ \Phi_{60}^4\ \Phi_{36}^4\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
8685	364	366	$\frac{1}{61}$	$\frac{31}{122}$	$\frac{1}{3}$	$\frac{30}{61}$	$\Phi_{366}^2\ \Phi_{183}\ \Phi_6^2$
8686	364	204	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{25}{51}$	$\Phi_{204}^3\ \Phi_{68}^3\ \Phi_{51}\ \Phi_{17}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
8687	364	153	$\frac{1}{51}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{153}^3\ \Phi_{51}\ \Phi_{17}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
8688	364	165	$\frac{1}{33}$	$\frac{17}{165}$	$\frac{74}{165}$	$\frac{16}{33}$	$\Phi_{165}^2\ \Phi_{55}^2\ \Phi_{33}^3\ \Phi_{15}^2\ \Phi_{11}^3\ \Phi_5^2\ \Phi_3^3\ \Phi_1^4$
8689	364	176	$\frac{3}{88}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{85}{176}$	$\Phi_{176}^4\ \Phi_{16}^4\ \Phi_{11}\ \Phi_1^2$
8690	364	880	$\frac{3}{88}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{85}{176}$	$\Phi_{880}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
8691	364	216	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{13}{27}$	$\Phi_{216}^3\ \Phi_{72}^3\ \Phi_{27}\ \Phi_{24}^4\ \Phi_9\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
8692	364	135	$\frac{1}{27}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{135}^3\ \Phi_{45}^3\ \Phi_{27}\ \Phi_{15}^4\ \Phi_9\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
8693	364	54	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{27}$	$\Phi_{54}^6\ \Phi_{27}^7\ \Phi_{18}^7\ \Phi_9^8\ \Phi_6^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
8694	364	432	$\frac{1}{27}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
8695	364	325	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{12}{25}$	$\Phi_{325}\ \Phi_{65}\ \Phi_{25}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
8696	364	600	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
8697	364	121	$\frac{5}{121}$	$\frac{9}{121}$	$\frac{56}{121}$	$\frac{58}{121}$	$\Phi_{121}^3\ \Phi_{11}^3\ \Phi_1^4$
8698	364	424	$\frac{3}{53}$	$\frac{1}{8}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{424}\ \Phi_{212}\ \Phi_{106}$
8699	364	363	$\frac{25}{363}$	$\frac{38}{363}$	$\frac{97}{363}$	$\frac{169}{363}$	$\Phi_{363}\ \Phi_{121}\ \Phi_{33}\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
8700	364	183	$\frac{13}{183}$	$\frac{14}{183}$	$\frac{1}{3}$	$\frac{85}{183}$	$\Phi_{183}^2\ \Phi_{61}^2\ \Phi_3\ \Phi_1^2$
8701	364	546	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{546}\ \Phi_{273}\ \Phi_{78}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
8702	364	195	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{195}^2\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{15}^4\ \Phi_{13}^2\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
8703	364	120	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{120}^6\ \Phi_{40}^6\ \Phi_{24}^4\ \Phi_{15}^2\ \Phi_8^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
8704	364	72	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{11}{24}$	$\Phi_{72}^9\ \Phi_{24}^{10}\ \Phi_9^3\ \Phi_8^{10}\ \Phi_3^3\ \Phi_1^4$
8705	364	120	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{120}^3\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{10}^5\ \Phi_5^4$
8706	364	132	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{41}{132}$	$\frac{5}{11}$	$\Phi_{132}^4\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_{12}^4\ \Phi_{11}\ \Phi_6^4\ \Phi_3^4\ \Phi_1^2$
8707	364	99	$\frac{8}{99}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{99}^4\ \Phi_{33}^4\ \Phi_{11}\ \Phi_9^4\ \Phi_3^4\ \Phi_1^2$
8708	364	110	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{19}{110}$	$\frac{5}{11}$	$\Phi_{110}^4\ \Phi_{55}^4\ \Phi_{11}\ \Phi_{10}^4\ \Phi_5^4\ \Phi_1^2$
8709	364	406	$\frac{1}{14}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{406}\ \Phi_{203}\ \Phi_{58}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
8710	364	90	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{90}^6\ \Phi_{45}^3\ \Phi_{30}^6\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_{10}^6\ \Phi_9^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
8711	364	363	$\frac{20}{363}$	$\frac{49}{363}$	$\frac{103}{363}$	$\frac{157}{363}$	$\Phi_{363}\ \Phi_{121}\ \Phi_{33}\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
8712	364	183	$\frac{8}{183}$	$\frac{25}{183}$	$\frac{1}{3}$	$\frac{79}{183}$	$\Phi_{183}^2\ \Phi_{61}^2\ \Phi_3\ \Phi_1^2$
8713	364	108	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{108}^6\ \Phi_{36}^6\ \Phi_{27}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
8714	364	204	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{4}{17}$	$\frac{5}{12}$	$\Phi_{204}^3\ \Phi_{68}^3\ \Phi_{17}^3\ \Phi_{12}^4\ \Phi_4^4\ \Phi_1^4$
8715	364	420	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{420}^2\ \Phi_{140}^2\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
8716	364	22	$\frac{1}{22}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{9}{22}$	$\Phi_{22}^{16}\ \Phi_{11}^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
8717	364	66	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{66}^{11}\ \Phi_{33}^2\ \Phi_{22}^6\ \Phi_{11}\ \Phi_6^{11}\ \Phi_3^2\ \Phi_2^6\ \Phi_1^2$
8718	364	270	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{270}^2\ \Phi_{135}\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_6^2$
8719	364	297	$\frac{1}{33}$	$\frac{67}{297}$	$\frac{32}{99}$	$\frac{115}{297}$	$\Phi_{297}\ \Phi_{99}^2\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
8720	364	132	$\frac{1}{33}$	$\frac{8}{33}$	$\frac{41}{132}$	$\frac{25}{66}$	$\Phi_{132}^4\ \Phi_{44}^4\ \Phi_{33}^3\ \Phi_{12}^4\ \Phi_{11}^3\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
8721	364	480	$\frac{5}{96}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
8722	364	690	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{690}\ \Phi_{230}\ \Phi_{115}\ \Phi_{30}\ \Phi_{10}$
8723	364	93	$\frac{2}{93}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{93}^4\ \Phi_{31}^4\ \Phi_3\ \Phi_1^2$
8724	364	135	$\frac{1}{45}$	$\frac{44}{135}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{135}^4\ \Phi_{27}^4\ \Phi_3\ \Phi_1^2$
8725	364	120	$\frac{1}{30}$	$\frac{29}{120}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
8726	364	27	$\frac{1}{27}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{27}^{14}\ \Phi_9^{12}\ \Phi_3^{13}\ \Phi_1^{14}$
8727	364	285	$\frac{4}{95}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{285}\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{19}^2\ \Phi_3\ \Phi_1^2$
8728	364	225	$\frac{2}{45}$	$\frac{43}{225}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{225}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_3\ \Phi_1^2$
8729	364	96	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{96}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
8730	364	108	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{108}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
8731	364	15	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{15}^{24}\ \Phi_5^{24}\ \Phi_3^{25}\ \Phi_1^{26}$
8732	364	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^4\ \Phi_{42}\ \Phi_{28}^4\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
8733	364	99	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{99}^4\ \Phi_{33}^4\ \Phi_{11}^4\ \Phi_3\ \Phi_1^2$
8734	364	300	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{300}\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
8735	364	153	$\frac{2}{51}$	$\frac{2}{9}$	$\frac{49}{153}$	$\frac{1}{3}$	$\Phi_{153}^2\ \Phi_{51}^3\ \Phi_{17}^3\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
8736	364	90	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{90}^6\ \Phi_{45}^6\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
8737	364	240	$\frac{1}{15}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
8738	364	153	$\frac{1}{17}$	$\frac{2}{9}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{153}^3\ \Phi_{17}^3\ \Phi_9^4\ \Phi_1^4$
8739	364	630	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{90}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
8740	364	45	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{45}^9\ \Phi_{15}^{10}\ \Phi_9^3\ \Phi_5^{10}\ \Phi_3^3\ \Phi_1^4$
8741	364	120	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
8742	364	660	$\frac{3}{44}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
8743	364	18	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{5}{18}$	$\Phi_{18}^{19}\ \Phi_9^{22}\ \Phi_6^{18}\ \Phi_3^{21}\ \Phi_2^{18}\ \Phi_1^{22}$
8744	364	360	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
8745	364	44	$\frac{5}{44}$	$\frac{2}{11}$	$\frac{9}{44}$	$\frac{3}{11}$	$\Phi_{44}^8\ \Phi_{22}^8\ \Phi_{11}^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{10}$
8746	364	121	$\frac{9}{121}$	$\frac{28}{121}$	$\frac{30}{121}$	$\frac{31}{121}$	$\Phi_{121}^3\ \Phi_{11}^3\ \Phi_1^4$
8747	364	144	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{144}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
8748	364	80	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{80}^7\ \Phi_{40}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
8749	365	144	$\frac{1}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{71}{144}$	$\Phi_{144}^5\ \Phi_{48}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
8750	365	624	$\frac{1}{52}$	$\frac{53}{312}$	$\frac{259}{624}$	$\frac{51}{104}$	$\Phi_{624}\ \Phi_{208}\ \Phi_{104}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
8751	365	672	$\frac{1}{28}$	$\frac{29}{336}$	$\frac{307}{672}$	$\frac{27}{56}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{96}\ \Phi_{56}\ \Phi_{32}\ \Phi_8\ \Phi_1$
8752	365	504	$\frac{1}{28}$	$\frac{29}{168}$	$\frac{139}{504}$	$\frac{27}{56}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
8753	365	448	$\frac{1}{28}$	$\frac{83}{448}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{448}\ \Phi_{224}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_8\ \Phi_1$
8754	365	704	$\frac{13}{352}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{339}{704}$	$\Phi_{704}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
8755	365	140	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{67}{140}$	$\Phi_{140}^5\ \Phi_{28}^5\ \Phi_{20}^5\ \Phi_7^2\ \Phi_4^5\ \Phi_1^3$
8756	365	672	$\frac{1}{14}$	$\frac{29}{336}$	$\frac{13}{42}$	$\frac{307}{672}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{96}\ \Phi_{42}\ \Phi_{32}\ \Phi_{21}\ \Phi_6\ \Phi_3\ \Phi_1$
8757	365	504	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{139}{504}$	$\frac{113}{252}$	$\Phi_{504}\ \Phi_{168}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
8758	365	77	$\frac{4}{77}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{77}^5\ \Phi_{11}^5\ \Phi_7^2\ \Phi_1^3$
8759	365	624	$\frac{1}{26}$	$\frac{53}{312}$	$\frac{25}{78}$	$\frac{259}{624}$	$\Phi_{624}\ \Phi_{208}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{16}\ \Phi_6\ \Phi_3\ \Phi_1$
8760	365	384	$\frac{19}{384}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
8761	365	104	$\frac{1}{26}$	$\frac{5}{26}$	$\frac{31}{104}$	$\frac{21}{52}$	$\Phi_{104}^5\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_8^5\ \Phi_2^4\ \Phi_1^5$
8762	365	600	$\frac{2}{75}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{600}\ \Phi_{200}\ \Phi_{120}\ \Phi_{75}\ \Phi_{40}\ \Phi_{25}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
8763	365	216	$\frac{1}{36}$	$\frac{1}{4}$	$\frac{35}{108}$	$\frac{3}{8}$	$\Phi_{216}^4\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_8\ \Phi_1$
8764	365	152	$\frac{3}{76}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{152}^4\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_8\ \Phi_1$
8765	365	96	$\frac{1}{24}$	$\frac{23}{96}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{96}^5\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
8766	365	384	$\frac{19}{384}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
8767	365	360	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^2\ \Phi_{120}^2\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
8768	365	312	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^2\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
8769	365	432	$\frac{5}{72}$	$\frac{67}{432}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_8\ \Phi_1$
8770	365	168	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^4\ \Phi_{84}\ \Phi_{56}^4\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
8771	365	80	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{80}^5\ \Phi_{40}^5\ \Phi_{20}^5\ \Phi_{16}^5\ \Phi_{10}^5\ \Phi_8\ \Phi_5^5\ \Phi_1$
8772	365	648	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{648}\ \Phi_{216}\ \Phi_{81}\ \Phi_{27}\ \Phi_8\ \Phi_1$
8773	365	84	$\frac{1}{14}$	$\frac{11}{84}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{84}^4\ \Phi_{42}^5\ \Phi_{28}^4\ \Phi_{21}^5\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_7^4\ \Phi_6^5\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
8774	365	468	$\frac{1}{26}$	$\frac{103}{468}$	$\frac{25}{78}$	$\frac{53}{156}$	$\Phi_{468}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
8775	365	552	$\frac{3}{92}$	$\frac{1}{4}$	$\frac{89}{276}$	$\frac{187}{552}$	$\Phi_{552}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_8\ \Phi_1$
8776	365	504	$\frac{1}{14}$	$\frac{29}{168}$	$\frac{139}{504}$	$\frac{13}{42}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
8777	365	528	$\frac{13}{176}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{163}{528}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
8778	365	105	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{32}{105}$	$\Phi_{105}^5\ \Phi_{21}^5\ \Phi_{15}^5\ \Phi_7^2\ \Phi_3^5\ \Phi_1^3$
8779	365	84	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{84}^5\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{21}^5\ \Phi_{12}^5\ \Phi_7^2\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_1^3$
8780	366	292	$\frac{1}{73}$	$\frac{37}{146}$	$\frac{109}{292}$	$\frac{36}{73}$	$\Phi_{292}^2\ \Phi_{73}\ \Phi_4^2\ \Phi_1^2$
8781	366	120	$\frac{1}{60}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{59}{120}$	$\Phi_{120}^6\ \Phi_{40}^6\ \Phi_{24}^6\ \Phi_8^6\ \Phi_5\ \Phi_1^2$
8782	366	120	$\frac{1}{60}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{59}{120}$	$\Phi_{120}^6\ \Phi_{40}^6\ \Phi_{24}^6\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
8783	366	164	$\frac{1}{41}$	$\frac{1}{4}$	$\frac{21}{82}$	$\frac{20}{41}$	$\Phi_{164}^3\ \Phi_{82}\ \Phi_{41}^2\ \Phi_4^2\ \Phi_1^2$
8784	366	1056	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{169}{352}$	$\Phi_{1056}\ \Phi_{96}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
8785	366	73	$\frac{5}{73}$	$\frac{12}{73}$	$\frac{13}{73}$	$\frac{34}{73}$	$\Phi_{73}^5\ \Phi_1^6$
8786	366	192	$\frac{3}{64}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{48}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
8787	366	966	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{1}{3}$	$\frac{139}{322}$	$\Phi_{966}\ \Phi_{138}\ \Phi_{69}\ \Phi_{42}\ \Phi_6$
8788	366	315	$\frac{2}{63}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
8789	366	90	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{29}{90}$	$\frac{2}{5}$	$\Phi_{90}^6\ \Phi_{45}^6\ \Phi_{18}^6\ \Phi_9^6\ \Phi_5\ \Phi_1^2$
8790	366	190	$\frac{7}{190}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{190}^2\ \Phi_{95}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_5\ \Phi_1^2$
8791	366	320	$\frac{3}{64}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}^2\ \Phi_{40}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
8792	366	80	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{19}{80}$	$\frac{2}{5}$	$\Phi_{80}^6\ \Phi_{40}^6\ \Phi_{16}^6\ \Phi_8^6\ \Phi_5\ \Phi_1^2$
8793	366	65	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{65}^6\ \Phi_{13}^6\ \Phi_5\ \Phi_1^2$
8794	366	75	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{75}^6\ \Phi_{25}^6\ \Phi_5\ \Phi_1^2$
8795	366	330	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
8796	366	360	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}^2\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
8797	366	200	$\frac{17}{200}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{200}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
8798	366	70	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{70}^6\ \Phi_{35}^6\ \Phi_{14}^6\ \Phi_7^6\ \Phi_5\ \Phi_1^2$
8799	366	276	$\frac{1}{46}$	$\frac{15}{46}$	$\frac{1}{3}$	$\frac{31}{92}$	$\Phi_{276}^3\ \Phi_{138}\ \Phi_{69}\ \Phi_{12}^3\ \Phi_6$
8800	366	252	$\frac{2}{63}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_6$
8801	366	180	$\frac{1}{30}$	$\frac{1}{4}$	$\frac{29}{90}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{36}^4\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
8802	366	264	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{27}{88}$	$\frac{1}{3}$	$\Phi_{264}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
8803	366	69	$\frac{2}{23}$	$\frac{8}{69}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{69}^5\ \Phi_{23}^6\ \Phi_3^4\ \Phi_1^6$
8804	366	192	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
8805	366	240	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
8806	366	780	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{156}\ \Phi_{78}\ \Phi_{12}\ \Phi_6$
8807	366	300	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{12}\ \Phi_6$
8808	366	132	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^4\ \Phi_{66}^2\ \Phi_{44}^4\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_6$
8809	366	72	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{72}^6\ \Phi_{36}^6\ \Phi_{24}^6\ \Phi_{18}^6\ \Phi_{12}\ \Phi_9^6\ \Phi_8^6\ \Phi_6$
8810	366	600	$\frac{17}{200}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
8811	366	540	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{108}\ \Phi_{90}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
8812	366	420	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
8813	366	73	$\frac{10}{73}$	$\frac{12}{73}$	$\frac{13}{73}$	$\frac{21}{73}$	$\Phi_{73}^5\ \Phi_1^6$
8814	367	492	$\frac{2}{123}$	$\frac{125}{492}$	$\frac{1}{3}$	$\frac{121}{246}$	$\Phi_{492}\ \Phi_{164}\ \Phi_{123}\ \Phi_{41}\ \Phi_{12}\ \Phi_4\ \Phi_1$
8815	367	720	$\frac{7}{360}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{353}{720}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
8816	367	720	$\frac{7}{360}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{353}{720}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}\ \Phi_9\ \Phi_1$
8817	367	540	$\frac{7}{180}$	$\frac{1}{6}$	$\frac{173}{540}$	$\frac{5}{12}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
8818	367	384	$\frac{17}{384}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
8819	367	480	$\frac{7}{120}$	$\frac{1}{6}$	$\frac{113}{480}$	$\frac{5}{12}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
8820	367	396	$\frac{29}{396}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
8821	367	432	$\frac{7}{72}$	$\frac{65}{432}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
8822	367	420	$\frac{7}{60}$	$\frac{53}{420}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
8823	367	378	$\frac{11}{378}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
8824	367	540	$\frac{7}{180}$	$\frac{2}{9}$	$\frac{173}{540}$	$\frac{1}{3}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
8825	367	396	$\frac{29}{396}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
8826	367	450	$\frac{7}{90}$	$\frac{83}{450}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{9}\ \Phi_{1}$
8827	367	405	$\frac{38}{405}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{405}\ \Phi_{135}\ \Phi_{81}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
8828	367	432	$\frac{7}{72}$	$\frac{65}{432}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
8829	368	273	$\frac{1}{91}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{45}{91}$	$\Phi_{273}\ \Phi_{91}^2\ \Phi_{39}\ \Phi_{21}\ \Phi_{13}^2\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
8830	368	367	$\frac{5}{367}$	$\frac{93}{367}$	$\frac{137}{367}$	$\frac{181}{367}$	$\Phi_{367}\ \Phi_{1}^2$
8831	368	555	$\frac{3}{185}$	$\frac{47}{185}$	$\frac{1}{3}$	$\frac{91}{185}$	$\Phi_{555}\ \Phi_{111}\ \Phi_{15}$
8832	368	315	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{22}{45}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
8833	368	45	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{45}^8\ \Phi_{15}^9\ \Phi_{9}^8\ \Phi_{5}^8\ \Phi_{3}^8\ \Phi_{1}^8$
8834	368	367	$\frac{9}{367}$	$\frac{47}{367}$	$\frac{160}{367}$	$\frac{179}{367}$	$\Phi_{367}\ \Phi_{1}^2$
8835	368	111	$\frac{1}{37}$	$\frac{19}{111}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{111}^3\ \Phi_{37}^4\ \Phi_{3}^2\ \Phi_{1}^4$
8836	368	155	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{155}^3\ \Phi_{5}^2$
8837	368	367	$\frac{13}{367}$	$\frac{68}{367}$	$\frac{95}{367}$	$\frac{177}{367}$	$\Phi_{367}\ \Phi_{1}^2$
8838	368	555	$\frac{7}{185}$	$\frac{24}{185}$	$\frac{1}{3}$	$\frac{89}{185}$	$\Phi_{555}\ \Phi_{111}\ \Phi_{15}$
8839	368	660	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{21}{44}$	$\Phi_{660}\ \Phi_{220}\ \Phi_{132}\ \Phi_{60}\ \Phi_{44}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
8840	368	396	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{396}^2\ \Phi_{132}\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{12}\ \Phi_{9}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
8841	368	220	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{220}^3\ \Phi_{44}^4\ \Phi_{20}^3\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{1}^4$
8842	368	165	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{7}{15}$	$\Phi_{165}^2\ \Phi_{55}^2\ \Phi_{33}^3\ \Phi_{15}^3\ \Phi_{11}^2\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{1}^4$
8843	368	714	$\frac{1}{17}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{714}\ \Phi_{238}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
8844	368	544	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{544}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
8845	368	168	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_{8}^4\ \Phi_{7}^2\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
8846	368	210	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{7}{30}$	$\frac{3}{7}$	$\Phi_{210}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^4\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^4\ \Phi_{7}^2\ \Phi_{6}^4\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
8847	368	175	$\frac{2}{25}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{175}^2\ \Phi_{35}\ \Phi_{25}^4\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
8848	368	189	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{27}$	$\frac{3}{7}$	$\Phi_{189}^2\ \Phi_{63}\ \Phi_{27}^4\ \Phi_{21}\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
8849	368	680	$\frac{1}{17}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{680}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
8850	368	408	$\frac{1}{24}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
8851	368	285	$\frac{3}{95}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{285}^2\ \Phi_{57}^2\ \Phi_{15}$
8852	368	367	$\frac{11}{367}$	$\frac{89}{367}$	$\frac{114}{367}$	$\frac{139}{367}$	$\Phi_{367}\ \Phi_{1}^2$
8853	368	111	$\frac{1}{37}$	$\frac{9}{37}$	$\frac{1}{3}$	$\frac{14}{37}$	$\Phi_{111}^5\ \Phi_{3}^4$
8854	368	612	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{612}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
8855	368	141	$\frac{1}{47}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{141}^3\ \Phi_{47}^2$
8856	368	273	$\frac{3}{91}$	$\frac{22}{91}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{273}\ \Phi_{91}^2\ \Phi_{39}\ \Phi_{21}\ \Phi_{13}^2\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
8857	368	120	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_{5}^2$
8858	368	147	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{147}^2\ \Phi_{49}^4\ \Phi_{21}\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
8859	368	78	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{78}^4\ \Phi_{39}^3\ \Phi_{26}^8\ \Phi_{13}^6\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^8\ \Phi_{1}^8$
8860	368	135	$\frac{2}{45}$	$\frac{1}{5}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{135}^4\ \Phi_{27}^4\ \Phi_{15}$
8861	368	99	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{99}^4\ \Phi_{33}^3\ \Phi_{11}^2\ \Phi_{9}^6\ \Phi_{3}^4\ \Phi_{1}^4$
8862	368	195	$\frac{11}{195}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{195}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{15}\ \Phi_{13}^2$
8863	368	30	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{30}^{16}\ \Phi_{15}^9\ \Phi_{10}^{16}\ \Phi_{6}^{16}\ \Phi_{5}^8\ \Phi_{3}^8\ \Phi_{2}^{16}\ \Phi_{1}^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
8864	368	495	$\frac{7}{99}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{55}\ \Phi_{15}$
8865	368	75	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{75}^8\ \Phi_{15}^5\ \Phi_3^4$
8866	368	225	$\frac{4}{45}$	$\frac{41}{225}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{225}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{15}$
8867	368	135	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{135}^4\ \Phi_{45}^2\ \Phi_{15}^3\ \Phi_5^2$
8868	368	105	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^4\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}\ \Phi_7^4$
8869	368	165	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{165}^3\ \Phi_{33}^4\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
8870	368	155	$\frac{3}{31}$	$\frac{1}{5}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{155}^3\ \Phi_5^2$
8871	369	496	$\frac{3}{124}$	$\frac{1}{4}$	$\frac{127}{496}$	$\frac{121}{248}$	$\Phi_{496}\ \Phi_{124}\ \Phi_{62}\ \Phi_{31}\ \Phi_{16}\ \Phi_1$
8872	369	80	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{39}{80}$	$\Phi_{80}\ \Phi_{40}^8\ \Phi_{20}^8\ \Phi_{16}^2\ \Phi_{10}^8\ \Phi_8^8\ \Phi_5^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
8873	369	80	$\frac{1}{40}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{39}{80}$	$\Phi_{80}^9\ \Phi_{16}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
8874	369	704	$\frac{17}{352}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{335}{704}$	$\Phi_{704}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
8875	369	390	$\frac{2}{39}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{65}\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
8876	369	280	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{280}^2\ \Phi_{70}^2\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
8877	369	224	$\frac{1}{16}$	$\frac{11}{112}$	$\frac{5}{16}$	$\frac{101}{224}$	$\Phi_{224}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
8878	369	512	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{143}{512}$	$\frac{113}{256}$	$\Phi_{512}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
8879	369	240	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{19}{60}$	$\frac{7}{16}$	$\Phi_{240}^4\ \Phi_{60}\ \Phi_{48}^4\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
8880	369	176	$\frac{3}{44}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{176}^4\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
8881	369	720	$\frac{4}{45}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{48}\ \Phi_{45}\ \Phi_{16}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
8882	369	400	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{50}$	$\frac{7}{16}$	$\Phi_{400}^2\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
8883	369	48	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{7}{16}$	$\Phi_{48}^9\ \Phi_{24}^9\ \Phi_{16}^2\ \Phi_{12}^9\ \Phi_8^8\ \Phi_6^9\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
8884	369	360	$\frac{1}{10}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{360}^2\ \Phi_{120}^2\ \Phi_{72}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
8885	369	640	$\frac{1}{16}$	$\frac{49}{320}$	$\frac{15}{64}$	$\frac{271}{640}$	$\Phi_{640}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
8886	369	240	$\frac{1}{10}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
8887	369	70	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{70}^5\ \Phi_{35}^6\ \Phi_{14}^5\ \Phi_{10}^4\ \Phi_7^5\ \Phi_5^5\ \Phi_2^4\ \Phi_1^5$
8888	369	128	$\frac{5}{128}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{128}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
8889	369	64	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{9}{32}$	$\frac{23}{64}$	$\Phi_{64}^9\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
8890	369	124	$\frac{1}{31}$	$\frac{1}{4}$	$\frac{10}{31}$	$\frac{21}{62}$	$\Phi_{124}^4\ \Phi_{62}\ \Phi_{31}^3\ \Phi_4^3\ \Phi_1^3$
8891	369	184	$\frac{1}{46}$	$\frac{15}{46}$	$\frac{61}{184}$	$\frac{31}{92}$	$\Phi_{184}^3\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_8^3\ \Phi_2^2\ \Phi_1^3$
8892	369	60	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{19}{60}$	$\Phi_{60}^9\ \Phi_{30}^9\ \Phi_{15}^9\ \Phi_{12}^9\ \Phi_6^9\ \Phi_4^2\ \Phi_3^9\ \Phi_2^2\ \Phi_1^3$
8893	369	115	$\frac{2}{23}$	$\frac{16}{115}$	$\frac{33}{115}$	$\frac{7}{23}$	$\Phi_{115}^3\ \Phi_{23}^4\ \Phi_5^3\ \Phi_1^5$
8894	369	46	$\frac{5}{46}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{46}^8\ \Phi_{23}^8\ \Phi_2^8\ \Phi_1^9$
8895	369	270	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{54}\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
8896	369	44	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{44}^9\ \Phi_{22}^9\ \Phi_{11}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
8897	369	160	$\frac{3}{40}$	$\frac{37}{160}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{160}^3\ \Phi_{80}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
8898	369	180	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
8899	369	100	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{100}^4\ \Phi_{50}^5\ \Phi_{25}^5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
8900	369	140	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
8901	369	48	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{48}^9\ \Phi_{24}^9\ \Phi_{16}^9\ \Phi_{12}^9\ \Phi_6^9\ \Phi_4^2\ \Phi_3^9\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
8902	370	366	$\frac{2}{183}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{181}{366}$	$\Phi_{366}^2\ \Phi_{122}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8903	370	584	$\frac{1}{73}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{36}{73}$	$\Phi_{584}\ \Phi_{73}\ \Phi_8^2\ \Phi_1^2$
8904	370	744	$\frac{1}{62}$	$\frac{63}{248}$	$\frac{1}{3}$	$\frac{61}{124}$	$\Phi_{744}\ \Phi_{186}\ \Phi_{93}\ \Phi_{24}\ \Phi_6$
8905	370	328	$\frac{1}{41}$	$\frac{21}{164}$	$\frac{143}{328}$	$\frac{20}{41}$	$\Phi_{328}^2\ \Phi_{41}\ \Phi_8^2\ \Phi_1^2$
8906	370	246	$\frac{1}{41}$	$\frac{61}{246}$	$\frac{21}{82}$	$\frac{20}{41}$	$\Phi_{246}^2\ \Phi_{123}^2\ \Phi_{41}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
8907	370	72	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{35}{72}$	$\Phi_{72}^{10}\ \Phi_{24}^{10}\ \Phi_9\ \Phi_8^{10}\ \Phi_3\ \Phi_1^2$
8908	370	72	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{72}^{10}\ \Phi_{24}^{10}\ \Phi_8^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8909	370	150	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{150}^3\ \Phi_{75}^3\ \Phi_{50}\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{15}^3\ \Phi_{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
8910	370	351	$\frac{19}{351}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{166}{351}$	$\Phi_{351}\ \Phi_{117}\ \Phi_{39}\ \Phi_{27}^2\ \Phi_{13}\ \Phi_9\ \Phi_3\ \Phi_1^2$
8911	370	210	$\frac{2}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_{10}\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
8912	370	252	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{67}{252}$	$\frac{59}{126}$	$\Phi_{252}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
8913	370	90	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{90}^6\ \Phi_{45}^4\ \Phi_{30}^3\ \Phi_{18}^6\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_9^4\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8914	370	117	$\frac{2}{39}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{117}^3\ \Phi_{39}^4\ \Phi_{13}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
8915	370	54	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{17}{54}$	$\frac{4}{9}$	$\Phi_{54}^{10}\ \Phi_{27}^{10}\ \Phi_9\ \Phi_3\ \Phi_1^2$
8916	370	198	$\frac{13}{198}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
8917	370	360	$\frac{3}{40}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
8918	370	144	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{48}$	$\frac{4}{9}$	$\Phi_{144}^3\ \Phi_{72}^3\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_9\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
8919	370	45	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{4}{9}$	$\Phi_{45}^{10}\ \Phi_{15}^{10}\ \Phi_9\ \Phi_5^{10}\ \Phi_3\ \Phi_1^2$
8920	370	126	$\frac{1}{9}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{126}^3\ \Phi_{63}^3\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_9\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
8921	370	216	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{31}{216}$	$\frac{4}{9}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
8922	370	324	$\frac{1}{9}$	$\frac{23}{162}$	$\frac{4}{27}$	$\frac{139}{324}$	$\Phi_{324}^2\ \Phi_{108}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
8923	370	216	$\frac{1}{9}$	$\frac{31}{216}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
8924	370	192	$\frac{7}{192}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8925	370	41	$\frac{4}{41}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{41}^9\ \Phi_1^{10}$
8926	370	63	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{11}{63}$	$\frac{26}{63}$	$\Phi_{63}^6\ \Phi_{21}^6\ \Phi_9^5\ \Phi_7^6\ \Phi_3^5\ \Phi_1^6$
8927	370	186	$\frac{1}{31}$	$\frac{6}{31}$	$\frac{1}{3}$	$\frac{25}{62}$	$\Phi_{186}^5\ \Phi_{93}\ \Phi_6^5$
8928	370	120	$\frac{3}{40}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{40}^2\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_{10}\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
8929	370	41	$\frac{4}{41}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{41}^9\ \Phi_1^{10}$
8930	370	60	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{60}^{10}\ \Phi_{30}^3\ \Phi_{20}^{10}\ \Phi_{15}^2\ \Phi_{12}^{10}\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8931	370	456	$\frac{1}{38}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{456}^2\ \Phi_{114}\ \Phi_{57}\ \Phi_{24}\ \Phi_6$
8932	370	279	$\frac{2}{93}$	$\frac{91}{279}$	$\frac{1}{3}$	$\frac{94}{279}$	$\Phi_{279}\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
8933	370	78	$\frac{2}{39}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{78}^6\ \Phi_{39}^4\ \Phi_{26}^6\ \Phi_{13}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8934	370	54	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{54}^{10}\ \Phi_{27}^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8935	370	198	$\frac{13}{198}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8936	370	120	$\frac{3}{40}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8937	370	48	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{48}^{10}\ \Phi_{24}^{10}\ \Phi_{16}^{10}\ \Phi_8^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8938	370	162	$\frac{7}{81}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{162}^3\ \Phi_{81}^2\ \Phi_{54}^3\ \Phi_{27}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
8939	370	90	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{90}^6\ \Phi_{45}^4\ \Phi_{30}^6\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
8940	370	42	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{42}^{10}\ \Phi_{21}^{10}\ \Phi_{14}^{10}\ \Phi_{7}^{10}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
8941	370	216	$\frac{5}{36}$	$\frac{31}{216}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{216}^{2}\ \Phi_{108}^{2}\ \Phi_{72}^{2}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
8942	370	210	$\frac{4}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{210}^{2}\ \Phi_{105}\ \Phi_{70}^{2}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
8943	370	243	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{58}{243}$	$\frac{23}{81}$	$\Phi_{243}^{2}\ \Phi_{27}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
8944	371	592	$\frac{1}{74}$	$\frac{75}{296}$	$\frac{221}{592}$	$\frac{73}{148}$	$\Phi_{592}\ \Phi_{148}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
8945	371	312	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{51}{104}$	$\Phi_{312}^{2}\ \Phi_{104}^{3}\ \Phi_{24}^{2}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
8946	371	936	$\frac{1}{52}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{936}\ \Phi_{104}\ \Phi_{72}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
8947	371	720	$\frac{11}{360}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{349}{720}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{20}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
8948	371	720	$\frac{11}{360}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{349}{720}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
8949	371	500	$\frac{4}{125}$	$\frac{1}{5}$	$\frac{129}{500}$	$\frac{121}{250}$	$\Phi_{500}\ \Phi_{125}\ \Phi_{100}\ \Phi_{25}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
8950	371	408	$\frac{2}{51}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{68}\ \Phi_{51}\ \Phi_{24}^{2}\ \Phi_{17}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
8951	371	450	$\frac{4}{75}$	$\frac{79}{450}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{450}\ \Phi_{225}\ \Phi_{90}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
8952	371	72	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{72}^{5}\ \Phi_{36}^{6}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{12}^{6}\ \Phi_{9}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
8953	371	100	$\frac{3}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{47}{100}$	$\Phi_{100}^{7}\ \Phi_{25}\ \Phi_{20}^{7}\ \Phi_{4}^{7}\ \Phi_{1}$
8954	371	540	$\frac{11}{180}$	$\frac{1}{10}$	$\frac{169}{540}$	$\frac{9}{20}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
8955	371	400	$\frac{29}{400}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
8956	371	480	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{109}{480}$	$\frac{9}{20}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
8957	371	60	$\frac{1}{10}$	$\frac{7}{60}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{60}^{6}\ \Phi_{30}^{6}\ \Phi_{20}^{7}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{10}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{7}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
8958	371	96	$\frac{5}{48}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{96}^{7}\ \Phi_{32}^{7}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
8959	371	400	$\frac{29}{400}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
8960	371	156	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{25}{78}$	$\frac{5}{12}$	$\Phi_{156}^{4}\ \Phi_{78}\ \Phi_{52}^{4}\ \Phi_{39}\ \Phi_{12}^{5}\ \Phi_{6}\ \Phi_{4}^{5}\ \Phi_{3}\ \Phi_{1}$
8961	371	168	$\frac{3}{56}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{168}^{2}\ \Phi_{84}^{2}\ \Phi_{56}^{3}\ \Phi_{42}^{2}\ \Phi_{28}^{3}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}\ \Phi_{1}$
8962	371	780	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{12}{65}$	$\frac{5}{12}$	$\Phi_{780}\ \Phi_{260}\ \Phi_{65}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
8963	371	120	$\frac{7}{60}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{120}^{4}\ \Phi_{60}^{3}\ \Phi_{40}^{4}\ \Phi_{30}^{3}\ \Phi_{24}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
8964	371	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{72}^{2}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
8965	371	600	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{71}{300}$	$\frac{229}{600}$	$\Phi_{600}\ \Phi_{200}\ \Phi_{120}\ \Phi_{75}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
8966	371	390	$\frac{19}{390}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}$
8967	371	234	$\frac{1}{26}$	$\frac{2}{9}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{234}^{2}\ \Phi_{117}^{2}\ \Phi_{78}\ \Phi_{39}\ \Phi_{18}^{2}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
8968	371	504	$\frac{3}{56}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
8969	371	585	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{585}\ \Phi_{65}\ \Phi_{45}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
8970	371	540	$\frac{11}{180}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{169}{540}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
8971	371	75	$\frac{3}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{22}{75}$	$\Phi_{75}^{7}\ \Phi_{25}\ \Phi_{15}^{7}\ \Phi_{3}^{7}\ \Phi_{1}$
8972	371	405	$\frac{34}{405}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{405}\ \Phi_{135}\ \Phi_{81}\ \Phi_{27}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
8973	371	480	$\frac{11}{120}$	$\frac{1}{5}$	$\frac{109}{480}$	$\frac{4}{15}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
8974	371	60	$\frac{7}{60}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{60}^{6}\ \Phi_{30}^{6}\ \Phi_{20}^{6}\ \Phi_{15}^{7}\ \Phi_{12}^{6}\ \Phi_{10}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
8975	371	450	$\frac{11}{90}$	$\frac{79}{450}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
8976	371	72	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{72}^{7}\ \Phi_{36}^{7}\ \Phi_{24}^{2}\ \Phi_{18}^{7}\ \Phi_{12}^{2}\ \Phi_{9}^{7}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
8977	371	68	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{15}{68}$	$\frac{1}{4}$	$\Phi_{68}^{5}\ \Phi_{34}^{5}\ \Phi_{17}^{7}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{7}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
8978	372	552	$\frac{1}{92}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{91}{184}$	$\Phi_{552}\ \Phi_{184}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
8979	372	305	$\frac{1}{61}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{30}{61}$	$\Phi_{305}\ \Phi_{61}^2\ \Phi_5^2\ \Phi_1^4$
8980	372	732	$\frac{1}{61}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{30}{61}$	$\Phi_{732}\ \Phi_{366}\ \Phi_{12}^2\ \Phi_6^2$
8981	372	53	$\frac{1}{53}$	$\frac{9}{53}$	$\frac{22}{53}$	$\frac{26}{53}$	$\Phi_{53}^7\ \Phi_1^8$
8982	372	182	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{89}{182}$	$\Phi_{182}^4\ \Phi_{26}^4\ \Phi_{14}^4\ \Phi_7\ \Phi_2^4\ \Phi_1^2$
8983	372	500	$\frac{3}{125}$	$\frac{1}{4}$	$\frac{32}{125}$	$\frac{61}{125}$	$\Phi_{500}\ \Phi_{250}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
8984	372	371	$\frac{9}{371}$	$\frac{92}{371}$	$\frac{95}{371}$	$\frac{181}{371}$	$\Phi_{371}\ \Phi_{53}\ \Phi_7\ \Phi_1^2$
8985	372	561	$\frac{5}{187}$	$\frac{32}{187}$	$\frac{1}{3}$	$\frac{91}{187}$	$\Phi_{561}\ \Phi_{51}\ \Phi_{33}$
8986	372	660	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{29}{60}$	$\Phi_{660}\ \Phi_{220}\ \Phi_{132}\ \Phi_{60}^2\ \Phi_{44}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
8987	372	420	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{420}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{28}^2\ \Phi_{21}$
8988	372	660	$\frac{1}{30}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{29}{60}$	$\Phi_{660}\ \Phi_{220}\ \Phi_{132}\ \Phi_{60}^2\ \Phi_{44}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
8989	372	60	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{60}^4\ \Phi_{30}^8\ \Phi_{20}^5\ \Phi_{15}^8\ \Phi_{12}^4\ \Phi_{10}^9\ \Phi_6^8\ \Phi_5^8\ \Phi_4^4\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
8990	372	300	$\frac{1}{25}$	$\frac{13}{75}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}\ \Phi_{60}^2\ \Phi_{50}\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6^2$
8991	372	119	$\frac{5}{119}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{57}{119}$	$\Phi_{119}^3\ \Phi_{17}^3\ \Phi_7^5\ \Phi_1^6$
8992	372	42	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{42}^{12}\ \Phi_{21}^6\ \Phi_{14}^{12}\ \Phi_7^5\ \Phi_6^{12}\ \Phi_3^6\ \Phi_2^{12}\ \Phi_1^6$
8993	372	106	$\frac{3}{53}$	$\frac{13}{106}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{106}^4\ \Phi_{53}^3\ \Phi_2^4\ \Phi_1^4$
8994	372	528	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{83}{176}$	$\Phi_{528}^2\ \Phi_{48}^2\ \Phi_{33}$
8995	372	102	$\frac{1}{17}$	$\frac{3}{34}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{102}^6\ \Phi_{51}^5\ \Phi_6^6\ \Phi_3^4$
8996	372	33	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{33}^{11}\ \Phi_{11}^{12}\ \Phi_3^{10}\ \Phi_1^{12}$
8997	372	495	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{14}{45}$	$\frac{5}{11}$	$\Phi_{495}\ \Phi_{99}\ \Phi_{45}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
8998	372	440	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{5}{11}$	$\Phi_{440}\ \Phi_{220}\ \Phi_{88}\ \Phi_{44}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
8999	372	385	$\frac{1}{11}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{385}\ \Phi_{77}\ \Phi_{35}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_1^2$
9000	372	396	$\frac{1}{11}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_4^2\ \Phi_1^2$
9001	372	510	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{1}{3}$	$\frac{77}{170}$	$\Phi_{510}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{30}^2\ \Phi_6^2$
9002	372	728	$\frac{1}{13}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{728}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
9003	372	56	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{56}^{12}\ \Phi_8^{12}\ \Phi_7^5\ \Phi_1^6$
9004	372	252	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2$
9005	372	91	$\frac{4}{91}$	$\frac{1}{7}$	$\frac{29}{91}$	$\frac{3}{7}$	$\Phi_{91}^4\ \Phi_{13}^4\ \Phi_7^5\ \Phi_1^6$
9006	372	98	$\frac{5}{98}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{98}^4\ \Phi_{49}^4\ \Phi_{14}^4\ \Phi_7\ \Phi_2^4\ \Phi_1^2$
9007	372	35	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{35}^{12}\ \Phi_7^5\ \Phi_5^{12}\ \Phi_1^6$
9008	372	378	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{378}^2\ \Phi_{126}^2\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{14}^2$
9009	372	53	$\frac{2}{53}$	$\frac{9}{53}$	$\frac{17}{53}$	$\frac{22}{53}$	$\Phi_{53}^7\ \Phi_1^8$
9010	372	53	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{9}{53}$	$\frac{22}{53}$	$\Phi_{53}^7\ \Phi_1^8$
9011	372	105	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{105}$	$\frac{43}{105}$	$\Phi_{105}^3\ \Phi_{35}^3\ \Phi_{21}^6\ \Phi_{15}^3\ \Phi_7^5\ \Phi_5^3\ \Phi_3^6\ \Phi_1^6$
9012	372	480	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
9013	372	260	$\frac{3}{65}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{260}^2\ \Phi_{130}^2\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{20}\ \Phi_{10}$
9014	372	416	$\frac{1}{32}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
9015	372	100	$\frac{1}{25}$	$\frac{6}{25}$	$\frac{1}{4}$	$\frac{19}{50}$	$\Phi_{100}^5\ \Phi_{50}\ \Phi_{25}^4\ \Phi_{20}^5\ \Phi_{10}\ \Phi_5^4\ \Phi_4^4\ \Phi_1^4$
9016	372	624	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{624}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
9017	372	371	$\frac{8}{371}$	$\frac{121}{371}$	$\frac{123}{371}$	$\frac{125}{371}$	$\Phi_{371}\ \Phi_{53}\ \Phi_{7}\ \Phi_{1}^{2}$
9018	372	561	$\frac{4}{187}$	$\frac{61}{187}$	$\frac{1}{3}$	$\frac{63}{187}$	$\Phi_{561}\ \Phi_{51}\ \Phi_{33}$
9019	372	138	$\frac{1}{46}$	$\frac{15}{46}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{46}^{4}\ \Phi_{23}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
9020	372	96	$\frac{1}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{96}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{6}\ \Phi_{24}^{3}\ \Phi_{16}^{6}\ \Phi_{12}^{2}\ \Phi_{8}^{6}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
9021	372	345	$\frac{1}{23}$	$\frac{22}{115}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{345}\ \Phi_{115}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
9022	372	231	$\frac{2}{33}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}^{2}\ \Phi_{77}^{2}\ \Phi_{21}$
9023	372	315	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{315}^{2}\ \Phi_{63}^{2}\ \Phi_{21}$
9024	372	132	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{13}{44}$	$\frac{1}{3}$	$\Phi_{132}^{4}\ \Phi_{66}^{4}\ \Phi_{33}^{5}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}$
9025	372	102	$\frac{3}{34}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{102}^{6}\ \Phi_{51}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{4}$
9026	372	33	$\frac{2}{33}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{33}^{11}\ \Phi_{11}^{12}\ \Phi_{3}^{10}\ \Phi_{1}^{12}$
9027	372	255	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{23}{85}$	$\frac{1}{3}$	$\Phi_{255}^{2}\ \Phi_{51}^{3}\ \Phi_{15}^{2}\ \Phi_{3}^{2}$
9028	372	660	$\frac{2}{33}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{110}\ \Phi_{20}\ \Phi_{10}$
9029	372	330	$\frac{1}{11}$	$\frac{17}{110}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{330}^{2}\ \Phi_{165}^{2}\ \Phi_{33}\ \Phi_{30}^{2}\ \Phi_{15}^{2}$
9030	372	840	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{168}\ \Phi_{84}\ \Phi_{21}$
9031	372	105	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^{5}\ \Phi_{21}^{6}\ \Phi_{15}^{6}\ \Phi_{3}^{6}$
9032	372	525	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{525}\ \Phi_{175}\ \Phi_{21}$
9033	372	252	$\frac{5}{36}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{252}^{2}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{63}^{2}\ \Phi_{28}^{2}\ \Phi_{21}$
9034	372	495	$\frac{1}{15}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{14}{45}$	$\Phi_{495}\ \Phi_{99}\ \Phi_{45}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
9035	372	180	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{180}^{4}\ \Phi_{90}^{4}\ \Phi_{36}^{4}\ \Phi_{20}\ \Phi_{18}^{4}\ \Phi_{10}$
9036	372	567	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{567}\ \Phi_{63}\ \Phi_{21}$
9037	372	440	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{9}{40}$	$\frac{3}{11}$	$\Phi_{440}\ \Phi_{220}\ \Phi_{88}\ \Phi_{44}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
9038	372	385	$\frac{4}{35}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{385}\ \Phi_{77}\ \Phi_{35}^{2}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
9039	372	396	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
9040	372	540	$\frac{11}{135}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{108}\ \Phi_{90}\ \Phi_{54}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}$
9041	372	42	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{42}^{12}\ \Phi_{21}^{12}\ \Phi_{7}^{5}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{6}$
9042	372	40	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{40}^{12}\ \Phi_{20}^{5}\ \Phi_{10}^{9}\ \Phi_{8}^{12}\ \Phi_{5}^{8}\ \Phi_{4}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
9043	372	140	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^{4}\ \Phi_{70}^{4}\ \Phi_{28}^{4}\ \Phi_{20}\ \Phi_{14}^{4}\ \Phi_{10}$
9044	372	300	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{300}^{2}\ \Phi_{150}^{2}\ \Phi_{100}^{2}\ \Phi_{50}^{2}\ \Phi_{20}\ \Phi_{10}$
9045	372	180	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^{3}\ \Phi_{90}^{3}\ \Phi_{60}\ \Phi_{45}^{3}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
9046	373	736	$\frac{5}{368}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{363}{736}$	$\Phi_{736}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
9047	373	450	$\frac{2}{75}$	$\frac{77}{450}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{450}\ \Phi_{225}\ \Phi_{90}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
9048	373	720	$\frac{13}{360}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{347}{720}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
9049	373	720	$\frac{13}{360}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{347}{720}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
9050	373	720	$\frac{13}{360}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{347}{720}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
9051	373	504	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{131}{504}$	$\frac{121}{252}$	$\Phi_{504}\ \Phi_{168}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
9052	373	480	$\frac{1}{12}$	$\frac{13}{120}$	$\frac{107}{480}$	$\frac{11}{24}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
9053	373	432	$\frac{1}{12}$	$\frac{59}{432}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
9054	373	432	$\frac{5}{54}$	$\frac{59}{432}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
9055	373	672	$\frac{1}{12}$	$\frac{37}{336}$	$\frac{11}{48}$	$\frac{299}{672}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
9056	373	672	$\frac{37}{336}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{299}{672}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{96}\ \Phi_{42}\ \Phi_{32}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
9057	373	420	$\frac{47}{420}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
9058	373	390	$\frac{17}{390}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}$
9059	373	648	$\frac{5}{54}$	$\frac{49}{324}$	$\frac{1}{6}$	$\frac{275}{648}$	$\Phi_{648}\ \Phi_{216}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
9060	373	600	$\frac{2}{75}$	$\frac{73}{300}$	$\frac{1}{3}$	$\frac{227}{600}$	$\Phi_{600}\ \Phi_{200}\ \Phi_{120}\ \Phi_{75}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
9061	373	552	$\frac{5}{184}$	$\frac{1}{4}$	$\frac{179}{552}$	$\frac{3}{8}$	$\Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
9062	373	384	$\frac{11}{384}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
9063	373	396	$\frac{23}{396}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
9064	373	576	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{85}{288}$	$\frac{203}{576}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
9065	373	540	$\frac{13}{180}$	$\frac{2}{15}$	$\frac{167}{540}$	$\frac{1}{3}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
9066	373	405	$\frac{32}{405}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{405}\ \Phi_{135}\ \Phi_{81}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
9067	373	480	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{107}{480}$	$\frac{1}{3}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
9068	373	420	$\frac{47}{420}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
9069	373	450	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{77}{450}$	$\frac{1}{3}$	$\Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
9070	373	540	$\frac{13}{180}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{167}{540}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
9071	373	486	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{113}{486}$	$\frac{49}{162}$	$\Phi_{486}\ \Phi_{243}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
9072	373	432	$\frac{59}{432}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
9073	373	450	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{77}{450}$	$\frac{5}{18}$	$\Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
9074	373	504	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{168}$	$\frac{131}{504}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
9075	374	1104	$\frac{3}{184}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{181}{368}$	$\Phi_{1104}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
9076	374	660	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{16}{33}$	$\Phi_{660}\ \Phi_{220}\ \Phi_{132}\ \Phi_{60}\ \Phi_{44}\ \Phi_{33}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
9077	374	165	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{16}{33}$	$\Phi_{165}^2\ \Phi_{55}^2\ \Phi_{33}^3\ \Phi_{15}^3\ \Phi_{11}^3\ \Phi_{5}^2\ \Phi_{3}^4\ \Phi_{1}^4$
9078	374	672	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{10}{21}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{96}\ \Phi_{32}^2\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^2$
9079	374	168	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{10}{21}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{8}^2\ \Phi_{7}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
9080	374	420	$\frac{1}{21}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
9081	374	96	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{96}^7\ \Phi_{32}^8\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
9082	374	224	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{15}{32}$	$\Phi_{224}^3\ \Phi_{32}^4\ \Phi_{14}^2\ \Phi_{7}\ \Phi_{2}^2\ \Phi_{1}^2$
9083	374	180	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{180}^4\ \Phi_{60}^3\ \Phi_{36}^4\ \Phi_{20}^4\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
9084	374	220	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{22}$	$\frac{9}{20}$	$\Phi_{220}^3\ \Phi_{44}^3\ \Phi_{22}^2\ \Phi_{20}^4\ \Phi_{11}\ \Phi_{4}^4\ \Phi_{2}^2\ \Phi_{1}^2$
9085	374	690	$\frac{1}{23}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{690}\ \Phi_{230}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
9086	374	60	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{60}^7\ \Phi_{30}^5\ \Phi_{20}^7\ \Phi_{15}^7\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_{6}^4\ \Phi_{5}^6\ \Phi_{4}^6\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
9087	374	84	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{84}^5\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{21}^3\ \Phi_{14}^5\ \Phi_{12}^4\ \Phi_{7}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
9088	374	552	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{552}\ \Phi_{184}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
9089	374	60	$\frac{1}{12}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{60}^7\ \Phi_{30}^7\ \Phi_{20}^5\ \Phi_{15}^7\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_{6}^6\ \Phi_{5}^6\ \Phi_{4}^4\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
9090	374	84	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{84}^5\ \Phi_{42}^5\ \Phi_{28}^3\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{12}^4\ \Phi_{7}^4\ \Phi_{6}^4\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
9091	374	630	$\frac{1}{35}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{630}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
9092	374	192	$\frac{5}{192}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{192}^2\,\Phi_{96}^2\,\Phi_{64}^2\,\Phi_{48}^2\,\Phi_{32}^2\,\Phi_{24}\,\Phi_{16}^2\,\Phi_{12}^2\,\Phi_8^2\,\Phi_6^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
9093	374	560	$\frac{1}{35}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{560}\,\Phi_{140}\,\Phi_{112}\,\Phi_{80}\,\Phi_{70}\,\Phi_{28}\,\Phi_{20}\,\Phi_{14}\,\Phi_{10}$
9094	374	282	$\frac{1}{47}$	$\frac{46}{141}$	$\frac{1}{3}$	$\frac{95}{282}$	$\Phi_{282}^2\,\Phi_{141}\,\Phi_{94}^2\,\Phi_6^2\,\Phi_2^2$
9095	374	276	$\frac{3}{92}$	$\frac{1}{4}$	$\frac{89}{276}$	$\frac{1}{3}$	$\Phi_{276}\,\Phi_{138}\,\Phi_{92}^2\,\Phi_{69}\,\Phi_{46}^2\,\Phi_{23}^2\,\Phi_{12}^2\,\Phi_6^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
9096	374	24	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{24}^{15}\,\Phi_{12}^{17}\,\Phi_8^{14}\,\Phi_6^{17}\,\Phi_4^{16}\,\Phi_3^{16}\,\Phi_2^{16}\,\Phi_1^{16}$
9097	374	90	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{90}^4\,\Phi_{45}^4\,\Phi_{30}^4\,\Phi_{18}^6\,\Phi_{15}^3\,\Phi_{10}^4\,\Phi_9^6\,\Phi_6^6\,\Phi_5^2\,\Phi_3^4\,\Phi_2^6\,\Phi_1^4$
9098	374	60	$\frac{1}{12}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^7\,\Phi_{30}^7\,\Phi_{20}^8\,\Phi_{15}^7\,\Phi_{12}^2\,\Phi_{10}^8\,\Phi_6^2\,\Phi_5^8\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
9099	374	168	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{7}{24}$	$\Phi_{168}^3\,\Phi_{84}^3\,\Phi_{42}^3\,\Phi_{24}^4\,\Phi_{21}^2\,\Phi_{14}^4\,\Phi_{12}^4\,\Phi_7\,\Phi_6^4\,\Phi_3^4\,\Phi_2^2\,\Phi_1^2$
9100	374	180	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{180}^3\,\Phi_{90}^3\,\Phi_{60}\,\Phi_{45}^2\,\Phi_{36}^3\,\Phi_{30}\,\Phi_{20}\,\Phi_{18}^3\,\Phi_{15}\,\Phi_{10}\,\Phi_9^2$
9101	374	330	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{22}$	$\frac{4}{15}$	$\Phi_{330}^2\,\Phi_{165}\,\Phi_{66}^2\,\Phi_{33}\,\Phi_{30}^2\,\Phi_{22}^2\,\Phi_{15}^2\,\Phi_{11}\,\Phi_6^2\,\Phi_3^2\,\Phi_2^2\,\Phi_1^2$
9102	374	140	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{140}^3\,\Phi_{70}^3\,\Phi_{35}^3\,\Phi_{20}^4\,\Phi_{14}^2\,\Phi_{10}^4\,\Phi_7\,\Phi_5^4\,\Phi_2^2\,\Phi_1^2$
9103	375	296	$\frac{1}{74}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{73}{148}$	$\Phi_{296}^2\,\Phi_{148}\,\Phi_8^3\,\Phi_4\,\Phi_1$
9104	375	492	$\frac{2}{123}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{121}{246}$	$\Phi_{492}\,\Phi_{164}\,\Phi_{123}\,\Phi_{41}\,\Phi_{12}^2\,\Phi_6\,\Phi_4\,\Phi_3\,\Phi_1$
9105	375	168	$\frac{1}{42}$	$\frac{1}{4}$	$\frac{43}{168}$	$\frac{41}{84}$	$\Phi_{168}^3\,\Phi_{84}^2\,\Phi_{56}^3\,\Phi_{42}\,\Phi_{28}^2\,\Phi_{24}^3\,\Phi_{21}\,\Phi_{14}\,\Phi_{12}^2\,\Phi_8^3\,\Phi_7\,\Phi_6\,\Phi_4\,\Phi_3\,\Phi_1$
9106	375	136	$\frac{1}{34}$	$\frac{7}{68}$	$\frac{61}{136}$	$\frac{33}{68}$	$\Phi_{136}^5\,\Phi_{68}\,\Phi_8^5\,\Phi_4\,\Phi_1$
9107	375	336	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{23}{48}$	$\Phi_{336}^2\,\Phi_{112}^2\,\Phi_{48}^3\,\Phi_{28}\,\Phi_{16}^3\,\Phi_4\,\Phi_1$
9108	375	336	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{23}{48}$	$\Phi_{336}^2\,\Phi_{112}^2\,\Phi_{48}^3\,\Phi_{16}^3\,\Phi_7^2\,\Phi_1^3$
9109	375	48	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{48}^{15}\,\Phi_{16}^{15}\,\Phi_{12}^2\,\Phi_6\,\Phi_4\,\Phi_3\,\Phi_1$
9110	375	704	$\frac{1}{22}$	$\frac{23}{352}$	$\frac{329}{704}$	$\frac{21}{44}$	$\Phi_{704}\,\Phi_{64}\,\Phi_{44}\,\Phi_4\,\Phi_1$
9111	375	176	$\frac{1}{22}$	$\frac{23}{176}$	$\frac{51}{176}$	$\frac{21}{44}$	$\Phi_{176}^2\,\Phi_{88}^2\,\Phi_{44}^3\,\Phi_{22}^2\,\Phi_{16}^2\,\Phi_{11}^2\,\Phi_8^2\,\Phi_4^3\,\Phi_2^2\,\Phi_1^3$
9112	375	88	$\frac{1}{22}$	$\frac{13}{88}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{88}^4\,\Phi_{44}^5\,\Phi_{22}^4\,\Phi_{11}^4\,\Phi_8^4\,\Phi_4^5\,\Phi_2^4\,\Phi_1^5$
9113	375	476	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{113}{238}$	$\Phi_{476}\,\Phi_{119}\,\Phi_{68}\,\Phi_{28}^2\,\Phi_{17}\,\Phi_{14}\,\Phi_7\,\Phi_4\,\Phi_1$
9114	375	144	$\frac{1}{18}$	$\frac{19}{144}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{144}^3\,\Phi_{72}^3\,\Phi_{48}^3\,\Phi_{36}^2\,\Phi_{24}^3\,\Phi_{18}\,\Phi_{16}^3\,\Phi_{12}^2\,\Phi_9\,\Phi_8^3\,\Phi_6\,\Phi_4\,\Phi_3\,\Phi_1$
9115	375	468	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{109}{234}$	$\Phi_{468}\,\Phi_{156}\,\Phi_{117}\,\Phi_{52}\,\Phi_{39}\,\Phi_{36}^2\,\Phi_{18}\,\Phi_{13}\,\Phi_{12}^2\,\Phi_9\,\Phi_6\,\Phi_4\,\Phi_3\,\Phi_1$
9116	375	756	$\frac{1}{14}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{756}\,\Phi_{252}\,\Phi_{108}\,\Phi_{36}\,\Phi_{28}\,\Phi_{27}\,\Phi_9\,\Phi_4\,\Phi_1$
9117	375	252	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{13}{28}$	$\Phi_{252}^2\,\Phi_{126}^2\,\Phi_{63}^2\,\Phi_{36}^3\,\Phi_{28}\,\Phi_{18}^3\,\Phi_9^3\,\Phi_4\,\Phi_1$
9118	375	28	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{28}^{14}\,\Phi_{14}^{13}\,\Phi_7^{13}\,\Phi_4^{13}\,\Phi_2^{12}\,\Phi_1^{13}$
9119	375	224	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{13}{28}$	$\Phi_{224}^2\,\Phi_{112}^2\,\Phi_{32}^3\,\Phi_{28}\,\Phi_{16}^3\,\Phi_4\,\Phi_1$
9120	375	84	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{84}^8\,\Phi_{28}^9\,\Phi_{12}^8\,\Phi_6^4\,\Phi_4^9\,\Phi_3^4\,\Phi_2^4\,\Phi_1^5$
9121	375	136	$\frac{7}{68}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{61}{136}$	$\Phi_{136}^5\,\Phi_{17}^2\,\Phi_8^5\,\Phi_1^3$
9122	375	224	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{4}$	$\frac{99}{224}$	$\Phi_{224}^3\,\Phi_{32}^3\,\Phi_{28}^2\,\Phi_{14}\,\Phi_7\,\Phi_4\,\Phi_1$
9123	375	154	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{29}{154}$	$\frac{67}{154}$	$\Phi_{154}^2\,\Phi_{77}^3\,\Phi_{22}^2\,\Phi_{14}^2\,\Phi_{11}^2\,\Phi_7^3\,\Phi_2^2\,\Phi_1^3$
9124	375	44	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{7}{22}$	$\frac{19}{44}$	$\Phi_{44}^{15}\,\Phi_{22}^2\,\Phi_{11}^2\,\Phi_4^{15}\,\Phi_2^2\,\Phi_1^3$
9125	375	44	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{2}{11}$	$\frac{19}{44}$	$\Phi_{44}^{15}\,\Phi_{11}^4\,\Phi_4^{15}\,\Phi_1^5$
9126	375	216	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{1}{4}$	$\frac{91}{216}$	$\Phi_{216}^3\,\Phi_{72}^3\,\Phi_{36}^2\,\Phi_{24}^3\,\Phi_{18}\,\Phi_{12}^2\,\Phi_9\,\Phi_8^3\,\Phi_6\,\Phi_4\,\Phi_3\,\Phi_1$
9127	375	176	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{51}{176}$	$\frac{37}{88}$	$\Phi_{176}^3\,\Phi_{44}^3\,\Phi_{22}^2\,\Phi_{16}^3\,\Phi_{11}^2\,\Phi_4^3\,\Phi_2^2\,\Phi_1^3$
9128	375	132	$\frac{7}{132}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{132}^3\,\Phi_{66}^3\,\Phi_{44}^3\,\Phi_{33}^3\,\Phi_{22}^3\,\Phi_{12}^2\,\Phi_{11}^3\,\Phi_6\,\Phi_4\,\Phi_3\,\Phi_1$
9129	375	17	$\frac{2}{17}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{17}^{22}\,\Phi_1^{23}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
9130	375	88	$\frac{1}{11}$	$\frac{13}{88}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{88}^{5}\ \Phi_{44}^{5}\ \Phi_{11}^{4}\ \Phi_{8}^{5}\ \Phi_{4}^{5}\ \Phi_{1}^{5}$
9131	375	84	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{1}{4}$	$\frac{17}{42}$	$\Phi_{84}^{6}\ \Phi_{42}\ \Phi_{28}^{6}\ \Phi_{21}^{5}\ \Phi_{14}\ \Phi_{12}^{6}\ \Phi_{7}^{5}\ \Phi_{6}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
9132	375	616	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{308}$	$\frac{241}{616}$	$\Phi_{616}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
9133	375	204	$\frac{1}{34}$	$\frac{23}{102}$	$\frac{11}{34}$	$\frac{79}{204}$	$\Phi_{204}^{3}\ \Phi_{68}^{3}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
9134	375	544	$\frac{1}{34}$	$\frac{33}{136}$	$\frac{169}{544}$	$\frac{103}{272}$	$\Phi_{544}\ \Phi_{136}\ \Phi_{68}\ \Phi_{32}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
9135	375	296	$\frac{1}{37}$	$\frac{1}{4}$	$\frac{12}{37}$	$\frac{3}{8}$	$\Phi_{296}^{2}\ \Phi_{37}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
9136	375	104	$\frac{1}{26}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{104}^{6}\ \Phi_{52}^{2}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
9137	375	296	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{296}^{2}\ \Phi_{37}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
9138	375	48	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{48}^{10}\ \Phi_{24}^{8}\ \Phi_{16}^{5}\ \Phi_{12}^{10}\ \Phi_{8}^{4}\ \Phi_{6}^{9}\ \Phi_{4}^{5}\ \Phi_{3}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
9139	375	114	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{114}^{4}\ \Phi_{57}^{4}\ \Phi_{38}\ \Phi_{19}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
9140	375	187	$\frac{4}{187}$	$\frac{61}{187}$	$\frac{62}{187}$	$\frac{63}{187}$	$\Phi_{187}^{2}\ \Phi_{17}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{3}$
9141	375	189	$\frac{2}{27}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{189}^{2}\ \Phi_{63}^{2}\ \Phi_{27}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
9142	375	108	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{108}^{5}\ \Phi_{54}^{2}\ \Phi_{36}^{5}\ \Phi_{27}^{3}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
9143	375	324	$\frac{1}{18}$	$\frac{37}{162}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{324}^{2}\ \Phi_{162}\ \Phi_{81}\ \Phi_{36}^{2}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
9144	375	252	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{11}{36}$	$\Phi_{252}^{2}\ \Phi_{126}^{2}\ \Phi_{63}^{2}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
9145	375	36	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{36}^{15}\ \Phi_{18}^{15}\ \Phi_{12}^{2}\ \Phi_{9}^{15}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
9146	375	28	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{28}^{13}\ \Phi_{14}^{13}\ \Phi_{7}^{15}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{15}$
9147	375	224	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{32}$	$\frac{2}{7}$	$\Phi_{224}^{2}\ \Phi_{112}^{2}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
9148	375	42	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{42}^{8}\ \Phi_{21}^{8}\ \Phi_{14}^{8}\ \Phi_{7}^{10}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{15}$
9149	375	187	$\frac{27}{187}$	$\frac{31}{187}$	$\frac{32}{187}$	$\frac{52}{187}$	$\Phi_{187}^{2}\ \Phi_{17}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{3}$
9150	375	228	$\frac{11}{76}$	$\frac{1}{6}$	$\frac{13}{76}$	$\frac{21}{76}$	$\Phi_{228}^{2}\ \Phi_{114}^{2}\ \Phi_{76}\ \Phi_{57}^{2}\ \Phi_{38}\ \Phi_{19}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
9151	375	33	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{8}{33}$	$\frac{3}{11}$	$\Phi_{33}^{15}\ \Phi_{11}^{4}\ \Phi_{3}^{15}\ \Phi_{1}^{5}$
9152	375	34	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{34}$	$\frac{9}{34}$	$\Phi_{34}^{10}\ \Phi_{17}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{13}$
9153	375	168	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{4}$	$\frac{43}{168}$	$\Phi_{168}^{3}\ \Phi_{84}^{3}\ \Phi_{42}^{3}\ \Phi_{28}^{2}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{14}\ \Phi_{12}^{3}\ \Phi_{7}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
9154	375	84	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{84}^{6}\ \Phi_{42}^{6}\ \Phi_{28}^{3}\ \Phi_{21}^{6}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{7}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
9155	375	96	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{96}^{6}\ \Phi_{48}^{6}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
9156	375	144	$\frac{19}{144}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{144}^{3}\ \Phi_{72}^{3}\ \Phi_{48}^{3}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
9157	375	12	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{12}^{42}\ \Phi_{6}^{21}\ \Phi_{4}^{41}\ \Phi_{3}^{21}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
9158	376	93	$\frac{1}{93}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{46}{93}$	$\Phi_{93}^{4}\ \Phi_{31}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
9159	376	75	$\frac{1}{75}$	$\frac{19}{75}$	$\frac{28}{75}$	$\frac{37}{75}$	$\Phi_{75}^{5}\ \Phi_{25}^{5}\ \Phi_{15}^{5}\ \Phi_{5}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
9160	376	63	$\frac{1}{63}$	$\frac{16}{63}$	$\frac{1}{3}$	$\frac{31}{63}$	$\Phi_{63}^{6}\ \Phi_{21}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
9161	376	185	$\frac{3}{185}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{91}{185}$	$\Phi_{185}^{2}\ \Phi_{37}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
9162	376	369	$\frac{7}{369}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{181}{369}$	$\Phi_{369}\ \Phi_{123}\ \Phi_{41}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
9163	376	644	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{45}{92}$	$\Phi_{644}\ \Phi_{92}^{2}\ \Phi_{28}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
9164	376	1380	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{1380}\ \Phi_{60}\ \Phi_{15}$
9165	376	125	$\frac{3}{125}$	$\frac{31}{125}$	$\frac{32}{125}$	$\frac{61}{125}$	$\Phi_{125}^{3}\ \Phi_{25}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
9166	376	273	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{44}{91}$	$\Phi_{273}^{2}\ \Phi_{39}^{2}\ \Phi_{21}^{3}\ \Phi_{3}^{2}$
9167	376	54	$\frac{1}{27}$	$\frac{7}{54}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{54}^{8}\ \Phi_{27}^{6}\ \Phi_{18}^{8}\ \Phi_{9}^{6}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
9168	376	175	$\frac{1}{25}$	$\frac{13}{175}$	$\frac{81}{175}$	$\frac{12}{25}$	$\Phi_{175}^{2}\ \Phi_{35}^{2}\ \Phi_{25}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
9169	376	90	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{43}{90}$	$\Phi_{90}^8\ \Phi_{30}^8\ \Phi_{18}^8\ \Phi_{15}\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
9170	376	90	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{90}^8\ \Phi_{30}^8\ \Phi_{18}^8\ \Phi_{10}^8\ \Phi_9^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
9171	376	90	$\frac{2}{45}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{43}{90}$	$\Phi_{90}^8\ \Phi_{30}^8\ \Phi_{18}^8\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
9172	376	105	$\frac{1}{21}$	$\frac{11}{105}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{105}^4\ \Phi_{35}^4\ \Phi_{21}^2\ \Phi_{15}^4\ \Phi_7^2\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
9173	376	285	$\frac{1}{19}$	$\frac{10}{57}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{285}^2\ \Phi_{95}\ \Phi_{15}^2$
9174	376	357	$\frac{19}{357}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{169}{357}$	$\Phi_{357}\ \Phi_{119}\ \Phi_{51}\ \Phi_{21}^2\ \Phi_{17}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
9175	376	576	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
9176	376	135	$\frac{1}{15}$	$\frac{4}{45}$	$\frac{41}{135}$	$\frac{7}{15}$	$\Phi_{135}^4\ \Phi_{27}^4\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
9177	376	105	$\frac{1}{15}$	$\frac{11}{105}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{105}^4\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}\ \Phi_7^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
9178	376	60	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{7}{15}$	$\Phi_{60}^8\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{15}\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5\ \Phi_4^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
9179	376	225	$\frac{1}{15}$	$\frac{37}{225}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{225}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
9180	376	792	$\frac{3}{44}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
9181	376	351	$\frac{25}{351}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{163}{351}$	$\Phi_{351}\ \Phi_{117}\ \Phi_{39}\ \Phi_{27}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
9182	376	99	$\frac{5}{99}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{99}^4\ \Phi_{33}^4\ \Phi_{11}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
9183	376	84	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{1}{3}$	$\frac{37}{84}$	$\Phi_{84}^8\ \Phi_{28}^8\ \Phi_{21}^2\ \Phi_{12}^8\ \Phi_7^2\ \Phi_4^8\ \Phi_3\ \Phi_1^2$
9184	376	252	$\frac{1}{9}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{252}^3\ \Phi_{84}^2\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
9185	376	147	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{147}^4\ \Phi_{21}^3\ \Phi_3^2$
9186	376	483	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{22}{69}$	$\frac{3}{7}$	$\Phi_{483}\ \Phi_{69}^2\ \Phi_{21}\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
9187	376	81	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{1}{3}$	$\frac{34}{81}$	$\Phi_{81}^4\ \Phi_{27}^6\ \Phi_9^6\ \Phi_3^5\ \Phi_1^6$
9188	376	720	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
9189	376	315	$\frac{2}{63}$	$\frac{61}{315}$	$\frac{1}{3}$	$\frac{127}{315}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
9190	376	50	$\frac{3}{50}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{50}^8\ \Phi_{25}^8\ \Phi_{10}^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
9191	376	380	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{9}{38}$	$\frac{29}{76}$	$\Phi_{380}^2\ \Phi_{95}\ \Phi_{20}^2$
9192	376	75	$\frac{1}{25}$	$\frac{6}{25}$	$\frac{19}{75}$	$\frac{28}{75}$	$\Phi_{75}^4\ \Phi_{25}^7\ \Phi_{15}^4\ \Phi_5^7\ \Phi_3^4\ \Phi_1^8$
9193	376	50	$\frac{3}{50}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{50}^8\ \Phi_{25}^7\ \Phi_{10}^8\ \Phi_5^7\ \Phi_2^8\ \Phi_1^8$
9194	376	72	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{72}^8\ \Phi_{36}^3\ \Phi_{24}^8\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^8\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
9195	376	285	$\frac{4}{95}$	$\frac{1}{5}$	$\frac{91}{285}$	$\frac{97}{285}$	$\Phi_{285}\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{19}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
9196	376	48	$\frac{1}{48}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{48}^8\ \Phi_{24}^8\ \Phi_{16}^8\ \Phi_{12}^8\ \Phi_8^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
9197	376	279	$\frac{2}{93}$	$\frac{91}{279}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{279}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
9198	376	186	$\frac{1}{31}$	$\frac{15}{62}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{186}^2\ \Phi_{93}\ \Phi_{62}^4\ \Phi_{31}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
9199	376	243	$\frac{1}{27}$	$\frac{55}{243}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{243}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
9200	376	345	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{345}\ \Phi_{115}^2\ \Phi_{15}^2\ \Phi_5^2$
9201	376	273	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{85}{273}$	$\frac{1}{3}$	$\Phi_{273}\ \Phi_{91}^2\ \Phi_{39}\ \Phi_{21}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
9202	376	135	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{135}$	$\frac{1}{3}$	$\Phi_{135}^4\ \Phi_{27}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
9203	376	63	$\frac{1}{21}$	$\frac{5}{21}$	$\frac{16}{63}$	$\frac{1}{3}$	$\Phi_{63}^8\ \Phi_{21}^2\ \Phi_9^8\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
9204	376	54	$\frac{1}{9}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{54}^8\ \Phi_{27}^8\ \Phi_{18}^8\ \Phi_9^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
9205	376	180	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^2\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
9206	376	225	$\frac{1}{9}$	$\frac{37}{225}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{225}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
9207	376	135	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{41}{135}$	$\Phi_{135}^4\ \Phi_{27}^4\ \Phi_5^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
9208	376	105	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{105}^4\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
9209	376	60	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{60}^8\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^3\ \Phi_4^8\ \Phi_2^8\ \Phi_1^4$
9210	377	736	$\frac{9}{368}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{359}{736}$	$\Phi_{736}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
9211	377	168	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{27}{56}$	$\Phi_{84}^4\ \Phi_{56}\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_8^2\ \Phi_7^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
9212	377	840	$\frac{1}{28}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{120}\ \Phi_{56}\ \Phi_{40}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
9213	377	504	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{27}{56}$	$\Phi_{504}^2\ \Phi_{72}^2\ \Phi_{56}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
9214	377	112	$\frac{1}{28}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{112}^4\ \Phi_{56}\ \Phi_{28}^4\ \Phi_{16}^5\ \Phi_{14}^4\ \Phi_8^2\ \Phi_7^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
9215	377	456	$\frac{3}{76}$	$\frac{79}{456}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
9216	377	720	$\frac{17}{360}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{343}{720}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
9217	377	720	$\frac{17}{360}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{343}{720}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
9218	377	512	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{135}{512}$	$\frac{121}{256}$	$\Phi_{512}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
9219	377	704	$\frac{25}{352}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{327}{704}$	$\Phi_{704}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
9220	377	378	$\frac{1}{14}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
9221	377	168	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{42}$	$\frac{11}{24}$	$\Phi_{168}^4\ \Phi_{56}^4\ \Phi_{42}\ \Phi_{24}^5\ \Phi_{21}\ \Phi_8^5\ \Phi_6\ \Phi_3\ \Phi_1$
9222	377	96	$\frac{1}{12}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{96}^4\ \Phi_{48}^4\ \Phi_{32}^5\ \Phi_{24}\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
9223	377	840	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{11}{24}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{120}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_8\ \Phi_5\ \Phi_1$
9224	377	280	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{280}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{35}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
9225	377	672	$\frac{41}{336}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{295}{672}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
9226	377	400	$\frac{23}{400}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
9227	377	350	$\frac{1}{14}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{350}\ \Phi_{175}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{25}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
9228	377	252	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
9229	377	640	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{320}$	$\frac{263}{640}$	$\Phi_{640}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
9230	377	336	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{336}^2\ \Phi_{112}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
9231	377	608	$\frac{3}{76}$	$\frac{73}{304}$	$\frac{1}{4}$	$\frac{231}{608}$	$\Phi_{608}\ \Phi_{76}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_1$
9232	377	576	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{288}$	$\frac{199}{576}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
9233	377	564	$\frac{1}{47}$	$\frac{46}{141}$	$\frac{187}{564}$	$\frac{95}{282}$	$\Phi_{564}\ \Phi_{188}\ \Phi_{141}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
9234	377	210	$\frac{1}{14}$	$\frac{2}{15}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6\ \Phi_5^3\ \Phi_3\ \Phi_1$
9235	377	480	$\frac{3}{32}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
9236	377	252	$\frac{1}{14}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{252}^2\ \Phi_{126}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
9237	377	105	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{105}^3\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_7^4\ \Phi_5^5\ \Phi_3^4\ \Phi_1^5$
9238	377	126	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{42}$	$\Phi_{126}^4\ \Phi_{63}^4\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6\ \Phi_3\ \Phi_1$
9239	377	336	$\frac{1}{14}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
9240	377	540	$\frac{17}{180}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{163}{540}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
9241	377	432	$\frac{1}{8}$	$\frac{55}{432}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
9242	377	480	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{103}{480}$	$\frac{7}{24}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
9243	377	420	$\frac{43}{420}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
9244	377	288	$\frac{3}{32}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
9245	377	630	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{35}$	$\frac{5}{18}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{90}\ \Phi_{45}\ \Phi_{35}\ \Phi_{18}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
9246	377	32	$\frac{3}{32}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{32}^{13}\ \Phi_{16}^{10}\ \Phi_{8}^{10}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
9247	377	112	$\frac{3}{28}$	$\frac{3}{16}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{112}^{3}\ \Phi_{56}^{3}\ \Phi_{28}^{4}\ \Phi_{16}^{4}\ \Phi_{14}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
9248	377	480	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{103}{480}$	$\frac{1}{4}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
9249	377	560	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{80}\ \Phi_{40}\ \Phi_{35}\ \Phi_{16}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
9250	378	620	$\frac{1}{62}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{61}{124}$	$\Phi_{620}\ \Phi_{124}^{2}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
9251	378	372	$\frac{1}{62}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{61}{124}$	$\Phi_{372}\ \Phi_{186}^{2}\ \Phi_{93}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
9252	378	636	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{26}{53}$	$\Phi_{636}\ \Phi_{212}\ \Phi_{53}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
9253	378	477	$\frac{1}{53}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{477}\ \Phi_{53}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
9254	378	1110	$\frac{4}{185}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{181}{370}$	$\Phi_{1110}\ \Phi_{222}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
9255	378	656	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{20}{41}$	$\Phi_{656}\ \Phi_{41}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
9256	378	164	$\frac{1}{41}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{20}{41}$	$\Phi_{164}^{2}\ \Phi_{82}^{2}\ \Phi_{41}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
9257	378	228	$\frac{1}{38}$	$\frac{13}{76}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{228}^{2}\ \Phi_{114}^{3}\ \Phi_{57}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
9258	378	116	$\frac{1}{29}$	$\frac{5}{58}$	$\frac{53}{116}$	$\frac{14}{29}$	$\Phi_{116}^{6}\ \Phi_{29}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
9259	378	29	$\frac{1}{29}$	$\frac{5}{29}$	$\frac{8}{29}$	$\frac{14}{29}$	$\Phi_{29}^{13}\ \Phi_{1}^{14}$
9260	378	232	$\frac{1}{29}$	$\frac{43}{232}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{232}^{2}\ \Phi_{116}^{2}\ \Phi_{29}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
9261	378	52	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{25}{52}$	$\Phi_{52}^{14}\ \Phi_{13}\ \Phi_{4}^{14}\ \Phi_{1}^{2}$
9262	378	312	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{312}^{2}\ \Phi_{156}\ \Phi_{78}^{2}\ \Phi_{39}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
9263	378	508	$\frac{5}{127}$	$\frac{22}{127}$	$\frac{1}{4}$	$\frac{61}{127}$	$\Phi_{508}\ \Phi_{254}$
9264	378	680	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{19}{40}$	$\Phi_{680}\ \Phi_{136}\ \Phi_{40}^{2}\ \Phi_{17}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
9265	378	120	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{120}^{9}\ \Phi_{30}\ \Phi_{24}^{9}\ \Phi_{15}\ \Phi_{6}$
9266	378	680	$\frac{1}{20}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{19}{40}$	$\Phi_{680}\ \Phi_{136}\ \Phi_{40}^{2}\ \Phi_{17}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
9267	378	280	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{280}^{3}\ \Phi_{56}^{3}\ \Phi_{28}\ \Phi_{14}$
9268	378	170	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{8}{17}$	$\Phi_{170}^{2}\ \Phi_{85}^{2}\ \Phi_{34}^{2}\ \Phi_{17}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
9269	378	136	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{136}^{3}\ \Phi_{68}^{2}\ \Phi_{34}^{2}\ \Phi_{17}^{3}\ \Phi_{8}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
9270	378	425	$\frac{1}{17}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{425}\ \Phi_{25}^{2}\ \Phi_{17}\ \Phi_{1}^{2}$
9271	378	13	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{6}{13}$	$\Phi_{13}^{29}\ \Phi_{1}^{30}$
9272	378	208	$\frac{1}{13}$	$\frac{19}{208}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{208}^{2}\ \Phi_{104}^{2}\ \Phi_{52}^{2}\ \Phi_{16}^{2}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
9273	378	260	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{260}^{2}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{20}^{4}\ \Phi_{13}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
9274	378	200	$\frac{2}{25}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{200}^{2}\ \Phi_{100}^{2}\ \Phi_{40}^{3}\ \Phi_{25}^{2}\ \Phi_{20}^{3}\ \Phi_{10}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
9275	378	116	$\frac{2}{29}$	$\frac{5}{58}$	$\frac{9}{29}$	$\frac{53}{116}$	$\Phi_{116}^{6}\ \Phi_{29}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
9276	378	88	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{88}^{5}\ \Phi_{44}^{5}\ \Phi_{22}^{5}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
9277	378	260	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{71}{260}$	$\frac{59}{130}$	$\Phi_{260}^{2}\ \Phi_{65}^{2}\ \Phi_{52}^{2}\ \Phi_{20}^{2}\ \Phi_{13}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
9278	378	377	$\frac{23}{377}$	$\frac{37}{377}$	$\frac{118}{377}$	$\frac{170}{377}$	$\Phi_{377}\ \Phi_{29}\ \Phi_{13}\ \Phi_{1}^{2}$
9279	378	377	$\frac{37}{377}$	$\frac{44}{377}$	$\frac{69}{377}$	$\frac{170}{377}$	$\Phi_{377}\ \Phi_{29}\ \Phi_{13}\ \Phi_{1}^{2}$
9280	378	600	$\frac{11}{200}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{6}$
9281	378	508	$\frac{10}{127}$	$\frac{13}{127}$	$\frac{1}{4}$	$\frac{57}{127}$	$\Phi_{508}\ \Phi_{254}$
9282	378	29	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{29}^{13}\ \Phi_{1}^{14}$
9283	378	114	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{3}$	$\frac{17}{38}$	$\Phi_{114}^{9}\ \Phi_{57}\ \Phi_{6}^{9}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
9284	378	430	$\frac{1}{10}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{430}\ \Phi_{215}\ \Phi_{86}$
9285	378	528	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{528}^2\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_6$
9286	378	656	$\frac{2}{41}$	$\frac{1}{8}$	$\frac{13}{41}$	$\frac{7}{16}$	$\Phi_{656}\ \Phi_{41}\ \Phi_{16}^2\ \Phi_1^2$
9287	378	240	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{240}^3\ \Phi_{80}^3\ \Phi_{60}\ \Phi_{48}^3\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
9288	378	656	$\frac{5}{41}$	$\frac{1}{8}$	$\frac{6}{41}$	$\frac{7}{16}$	$\Phi_{656}\ \Phi_{41}\ \Phi_{16}^2\ \Phi_1^2$
9289	378	112	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{112}^7\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
9290	378	377	$\frac{34}{377}$	$\frac{49}{377}$	$\frac{71}{377}$	$\frac{164}{377}$	$\Phi_{377}\ \Phi_{29}\ \Phi_{13}\ \Phi_1^2$
9291	378	508	$\frac{8}{127}$	$\frac{17}{127}$	$\frac{1}{4}$	$\frac{55}{127}$	$\Phi_{508}\ \Phi_{254}$
9292	378	26	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{5}{26}$	$\frac{11}{26}$	$\Phi_{26}^{12}\ \Phi_{13}^{17}\ \Phi_2^{12}\ \Phi_1^{18}$
9293	378	325	$\frac{1}{13}$	$\frac{53}{325}$	$\frac{12}{65}$	$\frac{136}{325}$	$\Phi_{325}\ \Phi_{65}^2\ \Phi_{25}\ \Phi_{13}\ \Phi_5^2\ \Phi_1^2$
9294	378	84	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{84}^5\ \Phi_{42}^5\ \Phi_{28}^4\ \Phi_{21}^5\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_7^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
9295	378	636	$\frac{2}{53}$	$\frac{1}{6}$	$\frac{17}{53}$	$\frac{5}{12}$	$\Phi_{636}\ \Phi_{212}\ \Phi_{53}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
9296	378	228	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{228}\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{19}^2$
9297	378	636	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{636}\ \Phi_{212}\ \Phi_{53}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
9298	378	420	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}^2\ \Phi_{140}^2\ \Phi_{84}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
9299	378	155	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{10}{31}$	$\frac{2}{5}$	$\Phi_{155}^2\ \Phi_{31}^4\ \Phi_5^3\ \Phi_1^6$
9300	378	140	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{140}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
9301	378	220	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{220}^2\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}^4\ \Phi_{22}^2\ \Phi_{20}\ \Phi_{11}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
9302	378	155	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{155}^2\ \Phi_{31}^4\ \Phi_5^3\ \Phi_1^6$
9303	378	40	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{40}^{11}\ \Phi_{20}^{11}\ \Phi_{10}^5\ \Phi_8^{10}\ \Phi_5^6\ \Phi_4^{10}\ \Phi_2^4\ \Phi_1^6$
9304	378	104	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{52}$	$\frac{41}{104}$	$\Phi_{104}^6\ \Phi_{13}^5\ \Phi_8^6\ \Phi_1^6$
9305	378	377	$\frac{11}{377}$	$\frac{85}{377}$	$\frac{122}{377}$	$\frac{146}{377}$	$\Phi_{377}\ \Phi_{29}\ \Phi_{13}\ \Phi_1^2$
9306	378	88	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{88}^5\ \Phi_{44}^3\ \Phi_{22}^5\ \Phi_{11}^4\ \Phi_8^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
9307	378	65	$\frac{2}{65}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{65}^6\ \Phi_{13}^5\ \Phi_5^6\ \Phi_1^6$
9308	378	912	$\frac{1}{38}$	$\frac{37}{152}$	$\frac{1}{3}$	$\frac{115}{304}$	$\Phi_{912}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}\ \Phi_6$
9309	378	480	$\frac{1}{15}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
9310	378	418	$\frac{1}{22}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{418}\ \Phi_{209}\ \Phi_{38}$
9311	378	210	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{210}^3\ \Phi_{105}\ \Phi_{70}^3\ \Phi_{42}^3\ \Phi_{35}\ \Phi_{30}^3\ \Phi_{21}\ \Phi_{10}^3\ \Phi_6^3$
9312	378	377	$\frac{27}{377}$	$\frac{50}{377}$	$\frac{109}{377}$	$\frac{134}{377}$	$\Phi_{377}\ \Phi_{29}\ \Phi_{13}\ \Phi_1^2$
9313	378	377	$\frac{35}{377}$	$\frac{38}{377}$	$\frac{113}{377}$	$\frac{132}{377}$	$\Phi_{377}\ \Phi_{29}\ \Phi_{13}\ \Phi_1^2$
9314	378	430	$\frac{4}{43}$	$\frac{1}{10}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{430}\ \Phi_{215}\ \Phi_{86}$
9315	378	440	$\frac{4}{55}$	$\frac{1}{8}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
9316	378	224	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{224}^3\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
9317	378	377	$\frac{14}{377}$	$\frac{83}{377}$	$\frac{121}{377}$	$\frac{128}{377}$	$\Phi_{377}\ \Phi_{29}\ \Phi_{13}\ \Phi_1^2$
9318	378	508	$\frac{4}{127}$	$\frac{1}{4}$	$\frac{41}{127}$	$\frac{43}{127}$	$\Phi_{508}\ \Phi_{254}$
9319	378	252	$\frac{1}{28}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
9320	378	372	$\frac{1}{31}$	$\frac{1}{4}$	$\frac{10}{31}$	$\frac{1}{3}$	$\Phi_{372}^2\ \Phi_{186}^2\ \Phi_{12}^3\ \Phi_6^3$
9321	378	570	$\frac{7}{190}$	$\frac{43}{190}$	$\frac{61}{190}$	$\frac{1}{3}$	$\Phi_{570}\ \Phi_{285}\ \Phi_{114}\ \Phi_{57}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
9322	378	477	$\frac{2}{53}$	$\frac{2}{9}$	$\frac{17}{53}$	$\frac{1}{3}$	$\Phi_{477}\ \Phi_{53}\ \Phi_9^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
9323	378	228	$\frac{1}{19}$	$\frac{13}{76}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{228}^3\ \Phi_{114}^3\ \Phi_{57}\ \Phi_{12}^3\ \Phi_6^3$
9324	378	312	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{312}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3$
9325	378	30	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{30}^{19}\ \Phi_{15}^{19}\ \Phi_6^{19}\ \Phi_3^{18}$
9326	378	114	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{11}{38}$	$\frac{1}{3}$	$\Phi_{114}^5\ \Phi_{57}^5\ \Phi_6^5\ \Phi_3^4$
9327	378	132	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^4\ \Phi_{66}^5\ \Phi_{33}^5\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
9328	378	684	$\frac{1}{19}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{684}\ \Phi_{342}\ \Phi_{76}\ \Phi_{38}$
9329	378	372	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{372}^2\ \Phi_{186}^2\ \Phi_{12}^3\ \Phi_6^3$
9330	378	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^6\ \Phi_{60}^4\ \Phi_{30}^5\ \Phi_{24}^3\ \Phi_{15}^5\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
9331	378	477	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{477}\ \Phi_{53}\ \Phi_9^2\ \Phi_1^2$
9332	378	630	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{126}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
9333	378	240	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{3}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{48}^3\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{15}\ \Phi_6$
9334	378	150	$\frac{1}{10}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{150}^5\ \Phi_{75}^4\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
9335	378	164	$\frac{2}{41}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{13}{41}$	$\Phi_{164}^2\ \Phi_{82}^2\ \Phi_{41}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
9336	378	377	$\frac{20}{377}$	$\frac{86}{377}$	$\frac{97}{377}$	$\frac{119}{377}$	$\Phi_{377}\ \Phi_{29}\ \Phi_{13}\ \Phi_1^2$
9337	378	508	$\frac{7}{127}$	$\frac{29}{127}$	$\frac{1}{4}$	$\frac{40}{127}$	$\Phi_{508}\ \Phi_{254}$
9338	378	29	$\frac{2}{29}$	$\frac{5}{29}$	$\frac{8}{29}$	$\frac{9}{29}$	$\Phi_{29}^{13}\ \Phi_1^{14}$
9339	378	26	$\frac{1}{13}$	$\frac{5}{26}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{26}^{18}\ \Phi_{13}^{11}\ \Phi_2^{18}\ \Phi_1^{12}$
9340	378	170	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{3}{10}$	$\Phi_{170}^2\ \Phi_{85}^2\ \Phi_{34}^2\ \Phi_{17}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
9341	378	140	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{140}^4\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^5\ \Phi_{14}^3\ \Phi_7^2$
9342	378	377	$\frac{38}{377}$	$\frac{44}{377}$	$\frac{111}{377}$	$\frac{113}{377}$	$\Phi_{377}\ \Phi_{29}\ \Phi_{13}\ \Phi_1^2$
9343	378	448	$\frac{7}{64}$	$\frac{1}{7}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
9344	378	136	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{136}^3\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{17}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
9345	378	425	$\frac{2}{17}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{425}\ \Phi_{25}^2\ \Phi_{17}\ \Phi_1^2$
9346	378	377	$\frac{47}{377}$	$\frac{48}{377}$	$\frac{89}{377}$	$\frac{110}{377}$	$\Phi_{377}\ \Phi_{29}\ \Phi_{13}\ \Phi_1^2$
9347	378	508	$\frac{15}{127}$	$\frac{16}{127}$	$\frac{1}{4}$	$\frac{37}{127}$	$\Phi_{508}\ \Phi_{254}$
9348	378	440	$\frac{1}{8}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
9349	378	377	$\frac{41}{377}$	$\frac{56}{377}$	$\frac{90}{377}$	$\frac{107}{377}$	$\Phi_{377}\ \Phi_{29}\ \Phi_{13}\ \Phi_1^2$
9350	378	508	$\frac{13}{127}$	$\frac{19}{127}$	$\frac{1}{4}$	$\frac{36}{127}$	$\Phi_{508}\ \Phi_{254}$
9351	378	200	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{200}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
9352	378	60	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{60}^7\ \Phi_{30}^7\ \Phi_{20}^7\ \Phi_{15}^6\ \Phi_{12}^7\ \Phi_{10}^7\ \Phi_6^7\ \Phi_5^6\ \Phi_3^6$
9353	378	164	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{164}^2\ \Phi_{82}^2\ \Phi_{41}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
9354	378	56	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{56}^9\ \Phi_{28}^7\ \Phi_{14}^7\ \Phi_7^6$
9355	378	560	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
9356	378	700	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{700}\ \Phi_{350}\ \Phi_{28}\ \Phi_{14}$
9357	379	648	$\frac{1}{54}$	$\frac{55}{324}$	$\frac{269}{648}$	$\frac{53}{108}$	$\Phi_{648}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
9358	379	744	$\frac{7}{372}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{365}{744}$	$\Phi_{744}\ \Phi_{248}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
9359	379	672	$\frac{1}{42}$	$\frac{43}{336}$	$\frac{293}{672}$	$\frac{41}{84}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{96}\ \Phi_{84}\ \Phi_{32}\ \Phi_{28}\ \Phi_{12}\ \Phi_4\ \Phi_1$
9360	379	504	$\frac{1}{42}$	$\frac{125}{504}$	$\frac{43}{168}$	$\frac{41}{84}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
9361	379	728	$\frac{15}{364}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{349}{728}$	$\Phi_{728}\ \Phi_{104}\ \Phi_{56}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
9362	379	720	$\frac{19}{360}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{341}{720}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{36}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
9363	379	720	$\frac{19}{360}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{341}{720}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
9364	379	540	$\frac{1}{18}$	$\frac{19}{180}$	$\frac{161}{540}$	$\frac{17}{36}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
9365	379	432	$\frac{1}{18}$	$\frac{53}{432}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
9366	379	462	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{83}{462}$	$\frac{71}{154}$	$\Phi_{462}\ \Phi_{231}\ \Phi_{77}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
9367	379	700	$\frac{29}{350}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{321}{700}$	$\Phi_{700}\ \Phi_{140}\ \Phi_{100}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
9368	379	672	$\frac{1}{14}$	$\frac{43}{336}$	$\frac{13}{56}$	$\frac{293}{672}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{96}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
9369	379	672	$\frac{5}{48}$	$\frac{43}{336}$	$\frac{1}{6}$	$\frac{293}{672}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
9370	379	648	$\frac{1}{27}$	$\frac{55}{324}$	$\frac{26}{81}$	$\frac{269}{648}$	$\Phi_{648}\ \Phi_{216}\ \Phi_{81}\ \Phi_{72}\ \Phi_{24}\ \Phi_8\ \Phi_1$
9371	379	420	$\frac{41}{420}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
9372	379	540	$\frac{1}{27}$	$\frac{26}{135}$	$\frac{161}{540}$	$\frac{109}{270}$	$\Phi_{540}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
9373	379	616	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{308}$	$\frac{237}{616}$	$\Phi_{616}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{11}\ \Phi_8\ \Phi_1$
9374	379	448	$\frac{1}{14}$	$\frac{69}{448}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{448}\ \Phi_{224}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
9375	379	588	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{85}{294}$	$\frac{209}{588}$	$\Phi_{588}\ \Phi_{196}\ \Phi_{98}\ \Phi_{84}\ \Phi_{49}\ \Phi_{28}\ \Phi_{12}\ \Phi_4\ \Phi_1$
9376	379	576	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{91}{288}$	$\frac{197}{576}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
9377	379	486	$\frac{1}{27}$	$\frac{107}{486}$	$\frac{26}{81}$	$\frac{55}{162}$	$\Phi_{486}\ \Phi_{243}\ \Phi_{81}\ \Phi_1$
9378	379	525	$\frac{1}{7}$	$\frac{29}{175}$	$\frac{6}{35}$	$\frac{146}{525}$	$\Phi_{525}\ \Phi_{105}\ \Phi_{75}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1$
9379	379	432	$\frac{53}{432}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
9380	379	504	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{125}{504}$	$\frac{43}{168}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
9381	379	480	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{101}{480}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
9382	380	564	$\frac{1}{94}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{93}{188}$	$\Phi_{564}\ \Phi_{188}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
9383	380	600	$\frac{1}{75}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{37}{75}$	$\Phi_{600}\ \Phi_{200}\ \Phi_{120}\ \Phi_{75}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
9384	380	930	$\frac{2}{93}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{91}{186}$	$\Phi_{930}\ \Phi_{310}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
9385	380	333	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{18}{37}$	$\Phi_{333}\ \Phi_{111}\ \Phi_{37}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
9386	380	222	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{222}^2\ \Phi_{111}\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
9387	380	379	$\frac{11}{379}$	$\frac{39}{379}$	$\frac{170}{379}$	$\frac{184}{379}$	$\Phi_{379}\ \Phi_1^2$
9388	380	640	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{640}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
9389	380	920	$\frac{3}{92}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{89}{184}$	$\Phi_{920}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
9390	380	462	$\frac{3}{77}$	$\frac{1}{6}$	$\frac{20}{77}$	$\frac{37}{77}$	$\Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}$
9391	380	379	$\frac{17}{379}$	$\frac{56}{379}$	$\frac{99}{379}$	$\frac{181}{379}$	$\Phi_{379}\ \Phi_1^2$
9392	380	573	$\frac{9}{191}$	$\frac{20}{191}$	$\frac{1}{3}$	$\frac{91}{191}$	Φ_{573}
9393	380	684	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{9}{19}$	$\Phi_{684}\ \Phi_{228}\ \Phi_{76}\ \Phi_{36}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
9394	380	399	$\frac{1}{19}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{399}\ \Phi_{133}\ \Phi_{21}^2\ \Phi_{19}\ \Phi_7^2\ \Phi_1^2$
9395	380	513	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{9}{19}$	$\Phi_{513}\ \Phi_{27}^2\ \Phi_{19}\ \Phi_1^2$
9396	380	456	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{9}{19}$	$\Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{76}\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
9397	380	396	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{396}^2\ \Phi_{132}^2\ \Phi_{44}^2\ \Phi_{33}$
9398	380	684	$\frac{1}{18}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{17}{36}$	$\Phi_{684}\ \Phi_{228}\ \Phi_{76}\ \Phi_{36}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
9399	380	180	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{180}^5\ \Phi_{60}^5\ \Phi_{30}\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
9400	380	286	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{286}^2\ \Phi_{143}\ \Phi_{22}^2$
9401	380	880	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{81}{176}$	$\Phi_{880}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
9402	380	210	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{16}{35}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}^3\ \Phi_{30}^2\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
9403	380	66	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{66}^7\ \Phi_{33}^7\ \Phi_{22}^3\ \Phi_{11}^4\ \Phi_6^6\ \Phi_3^6\ \Phi_2^2\ \Phi_1^4$
9404	380	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^3\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
9405	380	840	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{5}$	$\frac{73}{168}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
9406	380	140	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{140}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
9407	380	42	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{42}^{11}\ \Phi_{21}^7\ \Phi_{14}^{11}\ \Phi_7^8\ \Phi_6^{10}\ \Phi_3^6\ \Phi_2^{10}\ \Phi_1^8$
9408	380	66	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{6}$	$\frac{14}{33}$	$\Phi_{66}^7\ \Phi_{33}^5\ \Phi_{22}^7\ \Phi_{11}^4\ \Phi_6^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
9409	380	672	$\frac{1}{21}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
9410	380	160	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{13}{32}$	$\Phi_{160}^5\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
9411	380	379	$\frac{14}{379}$	$\frac{73}{379}$	$\frac{113}{379}$	$\frac{153}{379}$	$\Phi_{379}\ \Phi_1^2$
9412	380	573	$\frac{6}{191}$	$\frac{37}{191}$	$\frac{1}{3}$	$\frac{77}{191}$	Φ_{573}
9413	380	312	$\frac{1}{39}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{312}^2\ \Phi_{104}^2\ \Phi_{39}^2\ \Phi_{24}\ \Phi_{13}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
9414	380	200	$\frac{1}{25}$	$\frac{6}{25}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{200}^3\ \Phi_{40}^3\ \Phi_{25}^3\ \Phi_8^4\ \Phi_5^3\ \Phi_1^4$
9415	380	168	$\frac{1}{21}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^2\ \Phi_{84}^3\ \Phi_{56}^2\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
9416	380	40	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{40}^{15}\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^{16}\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
9417	380	360	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^2\ \Phi_{120}\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_9^2\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
9418	380	210	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{210}^3\ \Phi_{105}\ \Phi_{70}^3\ \Phi_{42}^3\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
9419	380	720	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{23}{72}$	$\frac{49}{144}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
9420	380	141	$\frac{1}{47}$	$\frac{46}{141}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{141}^3\ \Phi_{47}^2\ \Phi_3^4\ \Phi_1^4$
9421	380	141	$\frac{2}{47}$	$\frac{9}{47}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{141}^2\ \Phi_{47}^4\ \Phi_3^3\ \Phi_1^6$
9422	380	60	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{60}^7\ \Phi_{30}^7\ \Phi_{20}^6\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}^6\ \Phi_6^3\ \Phi_5^6\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
9423	380	231	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}^2\ \Phi_{77}^2\ \Phi_{33}$
9424	380	297	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{297}^2\ \Phi_{33}$
9425	380	540	$\frac{1}{20}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
9426	380	495	$\frac{1}{11}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}$
9427	380	399	$\frac{2}{21}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{399}\ \Phi_{133}\ \Phi_{21}^2\ \Phi_{19}\ \Phi_7^2\ \Phi_1^2$
9428	380	264	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{33}$
9429	380	210	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^3\ \Phi_{105}^2\ \Phi_{70}^3\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
9430	380	198	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{198}^3\ \Phi_{99}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}^3\ \Phi_9^2$
9431	380	513	$\frac{1}{9}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{8}{27}$	$\Phi_{513}\ \Phi_{27}^2\ \Phi_{19}\ \Phi_1^2$
9432	380	270	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{270}^3\ \Phi_{135}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
9433	380	540	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
9434	380	210	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{210}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
9435	380	456	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{4}{19}$	$\Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{76}\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
9436	380	120	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{120}^5\ \Phi_{60}^5\ \Phi_{40}^5\ \Phi_{30}\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{10}$
9437	381	608	$\frac{1}{76}$	$\frac{77}{304}$	$\frac{227}{608}$	$\frac{75}{152}$	$\Phi_{608}\ \Phi_{152}\ \Phi_{32}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
9438	381	752	$\frac{5}{376}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{371}{752}$	$\Phi_{752}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
9439	381	512	$\frac{3}{128}$	$\frac{1}{4}$	$\frac{131}{512}$	$\frac{125}{256}$	$\Phi_{512}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
9440	381	248	$\frac{3}{124}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{121}{248}$	$\Phi_{248}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
9441	381	736	$\frac{13}{368}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{355}{736}$	$\Phi_{736}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
9442	381	240	$\frac{1}{20}$	$\frac{7}{120}$	$\frac{113}{240}$	$\frac{19}{40}$	$\Phi_{240}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{40}\ \Phi_{16}^3\ \Phi_{8}\ \Phi_{1}$
9443	381	160	$\frac{1}{20}$	$\frac{7}{40}$	$\frac{33}{160}$	$\frac{19}{40}$	$\Phi_{160}^3\ \Phi_{80}^3\ \Phi_{40}\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{8}\ \Phi_{1}$
9444	381	240	$\frac{7}{120}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{113}{240}$	$\Phi_{240}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{2}^2\ \Phi_{1}^3$
9445	381	240	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{113}{240}$	$\Phi_{240}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
9446	381	520	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{139}{520}$	$\frac{121}{260}$	$\Phi_{520}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
9447	381	440	$\frac{4}{55}$	$\frac{59}{440}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{440}\ \Phi_{220}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{20}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
9448	381	704	$\frac{29}{352}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{323}{704}$	$\Phi_{704}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
9449	381	700	$\frac{31}{350}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{319}{700}$	$\Phi_{700}\ \Phi_{140}\ \Phi_{100}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
9450	381	228	$\frac{1}{19}$	$\frac{13}{114}$	$\frac{6}{19}$	$\frac{101}{228}$	$\Phi_{228}^3\ \Phi_{76}^3\ \Phi_{19}^2\ \Phi_{12}^3\ \Phi_{4}^3\ \Phi_{1}^3$
9451	381	140	$\frac{13}{140}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{140}^3\ \Phi_{70}^2\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{7}^3\ \Phi_{5}^2\ \Phi_{4}^3\ \Phi_{2}^2\ \Phi_{1}^3$
9452	381	224	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1}{4}$	$\frac{97}{224}$	$\Phi_{224}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
9453	381	532	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{151}{532}$	$\frac{115}{266}$	$\Phi_{532}\ \Phi_{133}\ \Phi_{76}\ \Phi_{28}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
9454	381	220	$\frac{4}{55}$	$\frac{17}{110}$	$\frac{1}{5}$	$\frac{93}{220}$	$\Phi_{220}^3\ \Phi_{55}\ \Phi_{44}^3\ \Phi_{20}^3\ \Phi_{11}\ \Phi_{4}^3\ \Phi_{1}$
9455	381	640	$\frac{3}{64}$	$\frac{61}{320}$	$\frac{1}{4}$	$\frac{259}{640}$	$\Phi_{640}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
9456	381	640	$\frac{1}{20}$	$\frac{61}{320}$	$\frac{19}{80}$	$\frac{259}{640}$	$\Phi_{640}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
9457	381	160	$\frac{1}{20}$	$\frac{33}{160}$	$\frac{19}{80}$	$\frac{61}{160}$	$\Phi_{160}^2\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_{8}^3\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
9458	381	133	$\frac{6}{133}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{133}^3\ \Phi_{19}^2\ \Phi_{7}^3\ \Phi_{1}^3$
9459	381	200	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{27}{100}$	$\frac{73}{200}$	$\Phi_{200}^3\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}^3\ \Phi_{25}\ \Phi_{8}^3\ \Phi_{1}$
9460	381	140	$\frac{13}{140}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{140}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_{7}^3\ \Phi_{5}^2\ \Phi_{2}^2\ \Phi_{1}^3$
9461	381	152	$\frac{1}{19}$	$\frac{25}{152}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{152}^3\ \Phi_{76}^3\ \Phi_{19}^2\ \Phi_{8}^3\ \Phi_{4}^3\ \Phi_{1}^3$
9462	381	192	$\frac{1}{32}$	$\frac{1}{4}$	$\frac{31}{96}$	$\frac{65}{192}$	$\Phi_{192}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
9463	381	171	$\frac{1}{19}$	$\frac{13}{57}$	$\frac{44}{171}$	$\frac{6}{19}$	$\Phi_{171}^3\ \Phi_{19}^2\ \Phi_{9}^3\ \Phi_{1}^3$
9464	381	165	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{38}{165}$	$\frac{17}{55}$	$\Phi_{165}^3\ \Phi_{55}\ \Phi_{33}^3\ \Phi_{15}^3\ \Phi_{11}\ \Phi_{3}^3\ \Phi_{1}$
9465	381	180	$\frac{1}{10}$	$\frac{7}{60}$	$\frac{53}{180}$	$\frac{3}{10}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{10}^2\ \Phi_{9}^3\ \Phi_{5}^2\ \Phi_{2}^2\ \Phi_{1}^3$
9466	381	150	$\frac{1}{10}$	$\frac{23}{150}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{150}^3\ \Phi_{75}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{2}^2\ \Phi_{1}^3$
9467	381	160	$\frac{1}{10}$	$\frac{7}{40}$	$\frac{33}{160}$	$\frac{3}{10}$	$\Phi_{160}^3\ \Phi_{80}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{2}^2\ \Phi_{1}^3$
9468	381	144	$\frac{17}{144}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{144}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{9}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
9469	381	175	$\frac{4}{35}$	$\frac{31}{175}$	$\frac{1}{5}$	$\frac{48}{175}$	$\Phi_{175}^2\ \Phi_{35}^3\ \Phi_{25}^2\ \Phi_{7}^3\ \Phi_{5}^2\ \Phi_{1}^3$
9470	381	160	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{160}$	$\frac{1}{4}$	$\Phi_{160}^3\ \Phi_{80}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
9471	382	378	$\frac{2}{189}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{187}{378}$	$\Phi_{378}^2\ \Phi_{126}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
9472	382	768	$\frac{1}{64}$	$\frac{65}{256}$	$\frac{1}{3}$	$\frac{63}{128}$	$\Phi_{768}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
9473	382	1128	$\frac{3}{188}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{185}{376}$	$\Phi_{1128}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
9474	382	372	$\frac{5}{186}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{181}{372}$	$\Phi_{372}^2\ \Phi_{124}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
9475	382	1104	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{177}{368}$	$\Phi_{1104}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
9476	382	360	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{169}{360}$	$\Phi_{360}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
9477	382	1056	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{1}{3}$	$\frac{161}{352}$	$\Phi_{1056}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
9478	382	336	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{1}{3}$	$\frac{145}{336}$	$\Phi_{336}^2\ \Phi_{112}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
9479	382	960	$\frac{1}{32}$	$\frac{31}{160}$	$\frac{1}{3}$	$\frac{129}{320}$	$\Phi_{960}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
9480	382	288	$\frac{1}{48}$	$\frac{47}{144}$	$\frac{1}{3}$	$\frac{97}{288}$	$\Phi_{288}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
9481	382	252	$\frac{2}{63}$	$\frac{61}{252}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
9482	382	198	$\frac{7}{198}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
9483	382	216	$\frac{2}{27}$	$\frac{25}{216}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
9484	382	210	$\frac{19}{210}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
9485	382	216	$\frac{1}{12}$	$\frac{25}{216}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
9486	382	240	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{240}$	$\frac{1}{3}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
9487	384	285	$\frac{1}{95}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{47}{95}$	$\Phi_{285}\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{19}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
9488	384	383	$\frac{5}{383}$	$\frac{97}{383}$	$\frac{143}{383}$	$\frac{189}{383}$	$\Phi_{383}\ \Phi_1^2$
9489	384	579	$\frac{3}{193}$	$\frac{49}{193}$	$\frac{1}{3}$	$\frac{95}{193}$	Φ_{579}
9490	384	315	$\frac{1}{63}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{31}{63}$	$\Phi_{315}\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
9491	384	252	$\frac{1}{63}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{31}{63}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
9492	384	383	$\frac{7}{383}$	$\frac{65}{383}$	$\frac{159}{383}$	$\frac{188}{383}$	$\Phi_{383}\ \Phi_1^2$
9493	384	329	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{23}{47}$	$\Phi_{329}\ \Phi_{47}^2\ \Phi_7^2\ \Phi_1^4$
9494	384	705	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{705}\ \Phi_{15}^2$
9495	384	172	$\frac{1}{43}$	$\frac{1}{4}$	$\frac{11}{43}$	$\frac{21}{43}$	$\Phi_{172}^3\ \Phi_{86}^3\ \Phi_4^2\ \Phi_2^2$
9496	384	383	$\frac{9}{383}$	$\frac{49}{383}$	$\frac{167}{383}$	$\frac{187}{383}$	$\Phi_{383}\ \Phi_1^2$
9497	384	383	$\frac{9}{383}$	$\frac{95}{383}$	$\frac{98}{383}$	$\frac{187}{383}$	$\Phi_{383}\ \Phi_1^2$
9498	384	579	$\frac{5}{193}$	$\frac{33}{193}$	$\frac{1}{3}$	$\frac{94}{193}$	Φ_{579}
9499	384	485	$\frac{3}{97}$	$\frac{1}{5}$	$\frac{25}{97}$	$\frac{47}{97}$	Φ_{485}
9500	384	341	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{15}{31}$	$\Phi_{341}\ \Phi_{31}^2\ \Phi_{11}^2\ \Phi_1^4$
9501	384	651	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{651}\ \Phi_{21}^2$
9502	384	341	$\frac{1}{31}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{15}{31}$	$\Phi_{341}\ \Phi_{31}^2\ \Phi_{11}^2\ \Phi_1^4$
9503	384	620	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{620}\ \Phi_{310}\ \Phi_{20}^2\ \Phi_{10}^2$
9504	384	383	$\frac{13}{383}$	$\frac{33}{383}$	$\frac{175}{383}$	$\frac{185}{383}$	$\Phi_{383}\ \Phi_1^2$
9505	384	383	$\frac{13}{383}$	$\frac{71}{383}$	$\frac{99}{383}$	$\frac{185}{383}$	$\Phi_{383}\ \Phi_1^2$
9506	384	579	$\frac{7}{193}$	$\frac{25}{193}$	$\frac{1}{3}$	$\frac{93}{193}$	Φ_{579}
9507	384	345	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{11}{23}$	$\Phi_{345}\ \Phi_{115}\ \Phi_{69}\ \Phi_{23}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
9508	384	207	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{207}^2\ \Phi_{69}\ \Phi_{23}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
9509	384	115	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{115}^3\ \Phi_{23}^4\ \Phi_5^6\ \Phi_1^8$
9510	384	383	$\frac{17}{383}$	$\frac{25}{383}$	$\frac{179}{383}$	$\frac{183}{383}$	$\Phi_{383}\ \Phi_1^2$
9511	384	383	$\frac{17}{383}$	$\frac{50}{383}$	$\frac{111}{383}$	$\frac{183}{383}$	$\Phi_{383}\ \Phi_1^2$
9512	384	455	$\frac{3}{65}$	$\frac{1}{7}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{455}\ \Phi_{91}\ \Phi_{35}$
9513	384	383	$\frac{19}{383}$	$\frac{67}{383}$	$\frac{79}{383}$	$\frac{182}{383}$	$\Phi_{383}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
9514	384	485	$\frac{5}{97}$	$\frac{17}{97}$	$\frac{1}{5}$	$\frac{46}{97}$	Φ_{485}
9515	384	516	$\frac{7}{129}$	$\frac{17}{129}$	$\frac{1}{4}$	$\frac{61}{129}$	$\Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{86}\ \Phi_{12}\ \Phi_{6}$
9516	384	383	$\frac{21}{383}$	$\frac{47}{383}$	$\frac{101}{383}$	$\frac{181}{383}$	$\Phi_{383}\ \Phi_{1}^{2}$
9517	384	579	$\frac{11}{193}$	$\frac{17}{193}$	$\frac{1}{3}$	$\frac{91}{193}$	Φ_{579}
9518	384	441	$\frac{3}{49}$	$\frac{1}{9}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{441}\ \Phi_{147}\ \Phi_{63}\ \Phi_{21}$
9519	384	383	$\frac{25}{383}$	$\frac{51}{383}$	$\frac{83}{383}$	$\frac{179}{383}$	$\Phi_{383}\ \Phi_{1}^{2}$
9520	384	195	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{195}^{2}\ \Phi_{65}^{2}\ \Phi_{39}^{3}\ \Phi_{13}^{2}$
9521	384	345	$\frac{1}{15}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{7}{15}$	$\Phi_{345}\ \Phi_{115}\ \Phi_{69}\ \Phi_{23}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
9522	384	180	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{180}^{3}\ \Phi_{90}^{3}\ \Phi_{60}^{2}\ \Phi_{36}^{4}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
9523	384	345	$\frac{1}{15}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{7}{15}$	$\Phi_{345}\ \Phi_{115}\ \Phi_{69}\ \Phi_{23}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
9524	384	105	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{105}^{4}\ \Phi_{35}^{5}\ \Phi_{21}^{4}\ \Phi_{7}^{4}$
9525	384	485	$\frac{7}{97}$	$\frac{13}{97}$	$\frac{1}{5}$	$\frac{45}{97}$	Φ_{485}
9526	384	383	$\frac{29}{383}$	$\frac{35}{383}$	$\frac{103}{383}$	$\frac{177}{383}$	$\Phi_{383}\ \Phi_{1}^{2}$
9527	384	273	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{273}^{2}\ \Phi_{91}\ \Phi_{21}^{2}$
9528	384	579	$\frac{13}{193}$	$\frac{15}{193}$	$\frac{1}{3}$	$\frac{89}{193}$	Φ_{579}
9529	384	383	$\frac{26}{383}$	$\frac{33}{383}$	$\frac{119}{383}$	$\frac{175}{383}$	$\Phi_{383}\ \Phi_{1}^{2}$
9530	384	561	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{561}\ \Phi_{51}^{2}$
9531	384	143	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{143}^{3}\ \Phi_{13}^{2}$
9532	384	341	$\frac{1}{11}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{5}{11}$	$\Phi_{341}\ \Phi_{31}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
9533	384	495	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{45}^{2}\ \Phi_{15}^{2}$
9534	384	383	$\frac{35}{383}$	$\frac{37}{383}$	$\frac{87}{383}$	$\frac{173}{383}$	$\Phi_{383}\ \Phi_{1}^{2}$
9535	384	441	$\frac{5}{49}$	$\frac{1}{9}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{441}\ \Phi_{147}\ \Phi_{63}\ \Phi_{21}$
9536	384	383	$\frac{41}{383}$	$\frac{53}{383}$	$\frac{55}{383}$	$\frac{171}{383}$	$\Phi_{383}\ \Phi_{1}^{2}$
9537	384	455	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{1}{7}$	$\frac{29}{65}$	$\Phi_{455}\ \Phi_{91}\ \Phi_{35}$
9538	384	383	$\frac{39}{383}$	$\frac{43}{383}$	$\frac{71}{383}$	$\frac{170}{383}$	$\Phi_{383}\ \Phi_{1}^{2}$
9539	384	485	$\frac{9}{97}$	$\frac{11}{97}$	$\frac{1}{5}$	$\frac{43}{97}$	Φ_{485}
9540	384	172	$\frac{3}{43}$	$\frac{5}{43}$	$\frac{1}{4}$	$\frac{19}{43}$	$\Phi_{172}^{3}\ \Phi_{86}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
9541	384	383	$\frac{23}{383}$	$\frac{45}{383}$	$\frac{107}{383}$	$\frac{169}{383}$	$\Phi_{383}\ \Phi_{1}^{2}$
9542	384	579	$\frac{9}{193}$	$\frac{23}{193}$	$\frac{1}{3}$	$\frac{85}{193}$	Φ_{579}
9543	384	425	$\frac{1}{17}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{425}\ \Phi_{85}$
9544	384	383	$\frac{27}{383}$	$\frac{49}{383}$	$\frac{89}{383}$	$\frac{167}{383}$	$\Phi_{383}\ \Phi_{1}^{2}$
9545	384	525	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{525}\ \Phi_{105}\ \Phi_{75}^{2}\ \Phi_{15}^{2}$
9546	384	329	$\frac{2}{47}$	$\frac{1}{7}$	$\frac{15}{47}$	$\frac{3}{7}$	$\Phi_{329}\ \Phi_{47}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
9547	384	476	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{476}\ \Phi_{238}\ \Phi_{68}^{2}\ \Phi_{34}^{2}$
9548	384	329	$\frac{3}{47}$	$\frac{1}{7}$	$\frac{11}{47}$	$\frac{3}{7}$	$\Phi_{329}\ \Phi_{47}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
9549	384	455	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{455}\ \Phi_{65}^{2}$
9550	384	329	$\frac{5}{47}$	$\frac{1}{7}$	$\frac{7}{47}$	$\frac{3}{7}$	$\Phi_{329}\ \Phi_{47}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
9551	384	63	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{63}^{7}\ \Phi_{21}^{7}\ \Phi_{9}^{6}\ \Phi_{3}^{6}$
9552	384	383	$\frac{41}{383}$	$\frac{55}{383}$	$\frac{57}{383}$	$\frac{163}{383}$	$\Phi_{383}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
9553	384	485	$\frac{7}{97}$	$\frac{15}{97}$	$\frac{1}{5}$	$\frac{41}{97}$	Φ_{485}
9554	384	383	$\frac{17}{383}$	$\frac{61}{383}$	$\frac{111}{383}$	$\frac{161}{383}$	$\Phi_{383}\ \Phi_1^2$
9555	384	579	$\frac{7}{193}$	$\frac{31}{193}$	$\frac{1}{3}$	$\frac{81}{193}$	Φ_{579}
9556	384	383	$\frac{14}{383}$	$\frac{65}{383}$	$\frac{123}{383}$	$\frac{159}{383}$	$\Phi_{383}\ \Phi_1^2$
9557	384	425	$\frac{1}{25}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{425}\ \Phi_{85}$
9558	384	383	$\frac{19}{383}$	$\frac{73}{383}$	$\frac{91}{383}$	$\frac{155}{383}$	$\Phi_{383}\ \Phi_1^2$
9559	384	165	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{165}^2\ \Phi_{55}^2\ \Phi_{33}^4\ \Phi_{15}\ \Phi_{11}^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
9560	384	105	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{5}{21}$	$\frac{2}{5}$	$\Phi_{105}^3\ \Phi_{35}^3\ \Phi_{21}^6\ \Phi_{15}^3\ \Phi_7^6\ \Phi_5^4\ \Phi_3^6\ \Phi_1^8$
9561	384	85	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{85}^5\ \Phi_{17}^4$
9562	384	35	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{35}^{11}\ \Phi_7^{10}\ \Phi_5^{12}\ \Phi_1^{12}$
9563	384	45	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{45}^7\ \Phi_{15}^7\ \Phi_9^{14}\ \Phi_5^8\ \Phi_3^{14}\ \Phi_1^{16}$
9564	384	383	$\frac{29}{383}$	$\frac{59}{383}$	$\frac{81}{383}$	$\frac{151}{383}$	$\Phi_{383}\ \Phi_1^2$
9565	384	429	$\frac{1}{13}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{429}\ \Phi_{143}\ \Phi_{39}$
9566	384	383	$\frac{39}{383}$	$\frac{43}{383}$	$\frac{85}{383}$	$\frac{149}{383}$	$\Phi_{383}\ \Phi_1^2$
9567	384	441	$\frac{5}{49}$	$\frac{1}{9}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{441}\ \Phi_{147}\ \Phi_{63}\ \Phi_{21}$
9568	384	429	$\frac{1}{33}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{429}\ \Phi_{143}\ \Phi_{39}$
9569	384	91	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{91}^5\ \Phi_7^4$
9570	384	383	$\frac{27}{383}$	$\frac{59}{383}$	$\frac{89}{383}$	$\frac{147}{383}$	$\Phi_{383}\ \Phi_1^2$
9571	384	485	$\frac{5}{97}$	$\frac{1}{5}$	$\frac{23}{97}$	$\frac{37}{97}$	Φ_{485}
9572	384	383	$\frac{19}{383}$	$\frac{79}{383}$	$\frac{91}{383}$	$\frac{146}{383}$	$\Phi_{383}\ \Phi_1^2$
9573	384	516	$\frac{5}{129}$	$\frac{31}{129}$	$\frac{1}{4}$	$\frac{49}{129}$	$\Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{86}\ \Phi_{12}\ \Phi_6$
9574	384	383	$\frac{11}{383}$	$\frac{93}{383}$	$\frac{119}{383}$	$\frac{145}{383}$	$\Phi_{383}\ \Phi_1^2$
9575	384	579	$\frac{5}{193}$	$\frac{47}{193}$	$\frac{1}{3}$	$\frac{73}{193}$	Φ_{579}
9576	384	383	$\frac{15}{383}$	$\frac{92}{383}$	$\frac{97}{383}$	$\frac{143}{383}$	$\Phi_{383}\ \Phi_1^2$
9577	384	425	$\frac{1}{17}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{425}\ \Phi_{85}$
9578	384	383	$\frac{31}{383}$	$\frac{44}{383}$	$\frac{113}{383}$	$\frac{135}{383}$	$\Phi_{383}\ \Phi_1^2$
9579	384	441	$\frac{4}{49}$	$\frac{1}{9}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{441}\ \Phi_{147}\ \Phi_{63}\ \Phi_{21}$
9580	384	383	$\frac{20}{383}$	$\frac{63}{383}$	$\frac{121}{383}$	$\frac{131}{383}$	$\Phi_{383}\ \Phi_1^2$
9581	384	485	$\frac{4}{97}$	$\frac{1}{5}$	$\frac{31}{97}$	$\frac{33}{97}$	Φ_{485}
9582	384	383	$\frac{8}{383}$	$\frac{125}{383}$	$\frac{127}{383}$	$\frac{129}{383}$	$\Phi_{383}\ \Phi_1^2$
9583	384	579	$\frac{4}{193}$	$\frac{63}{193}$	$\frac{1}{3}$	$\frac{65}{193}$	Φ_{579}
9584	384	147	$\frac{1}{49}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{147}^3\ \Phi_{49}^2\ \Phi_{21}^3\ \Phi_7^2$
9585	384	285	$\frac{2}{95}$	$\frac{31}{95}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{285}\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{19}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
9586	384	132	$\frac{1}{33}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{132}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
9587	384	285	$\frac{3}{95}$	$\frac{23}{95}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{285}\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{19}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
9588	384	75	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{75}^4\ \Phi_{25}^8\ \Phi_{15}^3\ \Phi_5^6\ \Phi_3^4\ \Phi_1^8$
9589	384	57	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{57}^5\ \Phi_{19}^{10}\ \Phi_3^6\ \Phi_1^{12}$
9590	384	357	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{357}\ \Phi_{119}^2$
9591	384	285	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{285}\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{19}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
9592	384	117	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{117}^4\ \Phi_{39}^3\ \Phi_{13}^2$
9593	384	756	$\frac{2}{63}$	$\frac{1}{4}$	$\frac{61}{189}$	$\frac{1}{3}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{108}\ \Phi_{54}\ \Phi_{12}\ \Phi_6$
9594	384	705	$\frac{2}{47}$	$\frac{1}{5}$	$\frac{15}{47}$	$\frac{1}{3}$	$\Phi_{705}\ \Phi_{15}^2$
9595	384	579	$\frac{10}{193}$	$\frac{33}{193}$	$\frac{61}{193}$	$\frac{1}{3}$	Φ_{579}
9596	384	207	$\frac{2}{23}$	$\frac{1}{9}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{207}^2\ \Phi_{69}\ \Phi_{23}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
9597	384	579	$\frac{17}{193}$	$\frac{22}{193}$	$\frac{57}{193}$	$\frac{1}{3}$	Φ_{579}
9598	384	585	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{585}\ \Phi_{117}\ \Phi_{39}$
9599	384	561	$\frac{1}{17}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{561}\ \Phi_{51}^2$
9600	384	579	$\frac{9}{193}$	$\frac{46}{193}$	$\frac{49}{193}$	$\frac{1}{3}$	Φ_{579}
9601	384	84	$\frac{1}{21}$	$\frac{5}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
9602	384	540	$\frac{7}{135}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
9603	384	1020	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}\ \Phi_{510}$
9604	384	420	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{84}\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{12}^2\ \Phi_6^2$
9605	384	588	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}\ \Phi_{294}\ \Phi_{196}\ \Phi_{98}\ \Phi_{12}\ \Phi_6$
9606	384	36	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{36}^{14}\ \Phi_{18}^{14}\ \Phi_{12}^{15}\ \Phi_6^{15}\ \Phi_4^{14}\ \Phi_2^{14}$
9607	384	705	$\frac{3}{47}$	$\frac{1}{5}$	$\frac{11}{47}$	$\frac{1}{3}$	$\Phi_{705}\ \Phi_{15}^2$
9608	384	579	$\frac{13}{193}$	$\frac{37}{193}$	$\frac{45}{193}$	$\frac{1}{3}$	Φ_{579}
9609	384	651	$\frac{3}{31}$	$\frac{1}{7}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{651}\ \Phi_{21}^2$
9610	384	579	$\frac{21}{193}$	$\frac{25}{193}$	$\frac{43}{193}$	$\frac{1}{3}$	Φ_{579}
9611	384	207	$\frac{1}{9}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{207}^2\ \Phi_{69}\ \Phi_{23}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
9612	384	579	$\frac{19}{193}$	$\frac{29}{193}$	$\frac{41}{193}$	$\frac{1}{3}$	Φ_{579}
9613	384	195	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{195}^3\ \Phi_{39}^4$
9614	384	705	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{705}\ \Phi_{15}^2$
9615	384	315	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{105}\ \Phi_{35}^2$
9616	384	115	$\frac{2}{23}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{115}^3\ \Phi_{23}^4\ \Phi_5^6\ \Phi_1^8$
9617	384	383	$\frac{38}{383}$	$\frac{67}{383}$	$\frac{79}{383}$	$\frac{115}{383}$	$\Phi_{383}\ \Phi_1^2$
9618	384	485	$\frac{10}{97}$	$\frac{17}{97}$	$\frac{1}{5}$	$\frac{29}{97}$	Φ_{485}
9619	384	315	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{315}^2\ \Phi_{63}^2\ \Phi_{35}$
9620	384	63	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{63}^7\ \Phi_{21}^4\ \Phi_9^6\ \Phi_7^6\ \Phi_3^3\ \Phi_1^6$
9621	384	341	$\frac{3}{31}$	$\frac{2}{11}$	$\frac{7}{31}$	$\frac{3}{11}$	$\Phi_{341}\ \Phi_{31}^2\ \Phi_{11}^2\ \Phi_1^4$
9622	384	495	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{45}^2\ \Phi_{15}^2$
9623	384	383	$\frac{35}{383}$	$\frac{74}{383}$	$\frac{87}{383}$	$\frac{103}{383}$	$\Phi_{383}\ \Phi_1^2$
9624	384	525	$\frac{1}{7}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{525}\ \Phi_{175}\ \Phi_{35}$
9625	384	441	$\frac{1}{9}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{441}\ \Phi_{147}\ \Phi_{63}\ \Phi_{21}$
9626	384	383	$\frac{39}{383}$	$\frac{71}{383}$	$\frac{86}{383}$	$\frac{99}{383}$	$\Phi_{383}\ \Phi_1^2$
9627	384	485	$\frac{9}{97}$	$\frac{1}{5}$	$\frac{22}{97}$	$\frac{25}{97}$	Φ_{485}
9628	384	172	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{1}{4}$	$\frac{11}{43}$	$\Phi_{172}^3\ \Phi_{86}^3\ \Phi_4^2\ \Phi_2^2$
9629	384	620	$\frac{3}{31}$	$\frac{1}{5}$	$\frac{7}{31}$	$\frac{1}{4}$	$\Phi_{620}\ \Phi_{310}\ \Phi_{20}^2\ \Phi_{10}^2$
9630	384	516	$\frac{13}{129}$	$\frac{25}{129}$	$\frac{29}{129}$	$\frac{1}{4}$	$\Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{86}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
9631	384	180	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{36}^4\ \Phi_{30}^3\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_6^4$
9632	384	115	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{5}{23}$	$\Phi_{115}^3\ \Phi_{23}^4\ \Phi_5^6\ \Phi_1^8$
9633	384	383	$\frac{51}{383}$	$\frac{75}{383}$	$\frac{77}{383}$	$\frac{83}{383}$	$\Phi_{383}\ \Phi_1^2$
9634	384	485	$\frac{13}{97}$	$\frac{19}{97}$	$\frac{1}{5}$	$\frac{21}{97}$	Φ_{485}
9635	384	35	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{35}^{13}\ \Phi_7^{12}$
9636	385	152	$\frac{1}{76}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{75}{152}$	$\Phi_{152}\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
9637	385	516	$\frac{2}{129}$	$\frac{131}{516}$	$\frac{1}{3}$	$\frac{127}{258}$	$\Phi_{516}\ \Phi_{172}\ \Phi_{129}\ \Phi_{43}\ \Phi_{12}\ \Phi_4\ \Phi_1$
9638	385	108	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{53}{108}$	$\Phi_{108}\ \Phi_{54}^6\ \Phi_{36}\ \Phi_{27}^6\ \Phi_{18}^6\ \Phi_{12}^2\ \Phi_9^6\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
9639	385	108	$\frac{1}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{53}{108}$	$\Phi_{108}^7\ \Phi_{36}^7\ \Phi_{12}^7\ \Phi_9\ \Phi_4^7\ \Phi_1$
9640	385	150	$\frac{2}{75}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{150}^2\ \Phi_{75}^3\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
9641	385	340	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{33}{68}$	$\Phi_{170}^2\ \Phi_{85}^2\ \Phi_{68}\ \Phi_{34}^2\ \Phi_{20}\ \Phi_{17}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
9642	385	1020	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{33}{68}$	$\Phi_{1020}\ \Phi_{204}\ \Phi_{68}\ \Phi_{60}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
9643	385	312	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{312}^2\ \Phi_{104}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{24}^2\ \Phi_{13}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
9644	385	104	$\frac{3}{52}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{104}^3\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
9645	385	132	$\frac{2}{33}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{132}^3\ \Phi_{66}^2\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{12}^5\ \Phi_{11}^3\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
9646	385	468	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{83}{468}$	$\frac{73}{156}$	$\Phi_{468}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_1$
9647	385	144	$\frac{5}{72}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{67}{144}$	$\Phi_{144}^5\ \Phi_{48}^5\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}^5\ \Phi_9\ \Phi_1$
9648	385	144	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{144}^5\ \Phi_{48}^5\ \Phi_{16}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
9649	385	48	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{48}^{11}\ \Phi_{16}^{11}\ \Phi_{12}^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
9650	385	64	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{5}{16}$	$\frac{29}{64}$	$\Phi_{64}^{11}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
9651	385	192	$\frac{1}{12}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{192}^4\ \Phi_{64}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
9652	385	1020	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{16}{51}$	$\frac{9}{20}$	$\Phi_{1020}\ \Phi_{204}\ \Phi_{60}\ \Phi_{51}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
9653	385	340	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{9}{20}$	$\Phi_{340}^2\ \Phi_{68}^2\ \Phi_{20}^3\ \Phi_{17}^2\ \Phi_4^3\ \Phi_1^3$
9654	385	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{120}^4\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^4\ \Phi_{24}^6\ \Phi_{20}\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_8^3\ \Phi_6^5\ \Phi_5^2\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
9655	385	392	$\frac{6}{49}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{392}\ \Phi_{196}\ \Phi_{56}^2\ \Phi_{49}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
9656	385	64	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{64}^7\ \Phi_{32}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
9657	385	96	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{96}^7\ \Phi_{32}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
9658	385	228	$\frac{2}{57}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{228}^3\ \Phi_{76}^3\ \Phi_{57}\ \Phi_{19}\ \Phi_{12}\ \Phi_4\ \Phi_1$
9659	385	324	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{26}{81}$	$\frac{5}{12}$	$\Phi_{324}^3\ \Phi_{81}\ \Phi_{12}\ \Phi_4\ \Phi_1$
9660	385	72	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{17}{72}$	$\frac{5}{12}$	$\Phi_{72}^7\ \Phi_{36}\ \Phi_{24}^7\ \Phi_{18}^6\ \Phi_{12}^2\ \Phi_9^6\ \Phi_8^7\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
9661	385	108	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{5}{27}$	$\frac{5}{12}$	$\Phi_{108}^6\ \Phi_{36}^6\ \Phi_{27}^2\ \Phi_{12}^7\ \Phi_9^2\ \Phi_4^7\ \Phi_3^2\ \Phi_1^3$
9662	385	12	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{12}^{30}\ \Phi_6^{34}\ \Phi_4^{30}\ \Phi_3^{34}\ \Phi_2^{34}\ \Phi_1^{35}$
9663	385	252	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{252}^3\ \Phi_{84}^3\ \Phi_{63}\ \Phi_{28}^3\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
9664	385	390	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{390}\ \Phi_{195}\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
9665	385	96	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{19}{96}$	$\frac{13}{32}$	$\Phi_{96}^5\ \Phi_{48}^5\ \Phi_{24}^5\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^5\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
9666	385	128	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{51}{128}$	$\Phi_{128}^5\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
9667	385	36	$\frac{1}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{36}^{11}\ \Phi_{18}^{10}\ \Phi_{12}^{11}\ \Phi_9^{11}\ \Phi_6^{10}\ \Phi_4^{11}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
9668	385	624	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{73}{312}$	$\frac{239}{624}$	$\Phi_{624}\ \Phi_{208}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
9669	385	456	$\frac{1}{38}$	$\frac{1}{4}$	$\frac{37}{114}$	$\frac{3}{8}$	$\Phi_{456}^2\ \Phi_{114}\ \Phi_{57}\ \Phi_{24}^2\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
9670	385	144	$\frac{1}{36}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{144}^4\ \Phi_{48}^4\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
9671	385	80	$\frac{3}{80}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{80}^5\ \Phi_{40}^5\ \Phi_{20}^5\ \Phi_{16}^5\ \Phi_{10}^5\ \Phi_8^2\ \Phi_5^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
9672	385	760	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{760}\ \Phi_{95}\ \Phi_{40}\ \Phi_8\ \Phi_5\ \Phi_1$
9673	385	152	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{152}^4\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_8^5\ \Phi_2^2\ \Phi_1^3$
9674	385	24	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{24}^{16}\ \Phi_{12}^{19}\ \Phi_8^{12}\ \Phi_6^{19}\ \Phi_4^{14}\ \Phi_3^{19}\ \Phi_2^{14}\ \Phi_1^{15}$
9675	385	108	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{108}^3\ \Phi_{54}^2\ \Phi_{36}^6\ \Phi_{27}^3\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
9676	385	432	$\frac{1}{12}$	$\frac{47}{432}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
9677	385	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{168}^2\ \Phi_{84}\ \Phi_{56}^4\ \Phi_{42}^2\ \Phi_{28}^3\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_7^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
9678	385	576	$\frac{1}{48}$	$\frac{47}{144}$	$\frac{191}{576}$	$\frac{97}{288}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
9679	385	171	$\frac{2}{57}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{171}^3\ \Phi_{57}\ \Phi_{19}\ \Phi_9\ \Phi_1$
9680	385	81	$\frac{1}{27}$	$\frac{2}{9}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{81}^7\ \Phi_9\ \Phi_1$
9681	385	81	$\frac{4}{81}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{81}^5\ \Phi_{27}^4\ \Phi_9^5\ \Phi_3^4\ \Phi_1^5$
9682	385	72	$\frac{1}{18}$	$\frac{2}{9}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{72}^7\ \Phi_{36}^7\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_9\ \Phi_8^7\ \Phi_4^7\ \Phi_1$
9683	385	27	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{27}^{14}\ \Phi_9^{15}\ \Phi_3^{14}\ \Phi_1^{15}$
9684	385	36	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{36}^{15}\ \Phi_{18}^{12}\ \Phi_{12}^5\ \Phi_9^{13}\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
9685	385	432	$\frac{47}{432}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
9686	385	63	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{63}^7\ \Phi_{21}^7\ \Phi_9\ \Phi_7^7\ \Phi_1$
9687	385	90	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{90}^5\ \Phi_{45}^5\ \Phi_{30}^2\ \Phi_{18}^5\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_9^5\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
9688	385	255	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{16}{51}$	$\Phi_{255}\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^3\ \Phi_1^3$
9689	385	48	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{13}{48}$	$\frac{5}{16}$	$\Phi_{48}^{11}\ \Phi_{24}^{11}\ \Phi_{16}^2\ \Phi_{12}^{11}\ \Phi_8^2\ \Phi_6^{11}\ \Phi_4^2\ \Phi_3^{11}\ \Phi_2^2\ \Phi_1^3$
9690	385	108	$\frac{1}{12}$	$\frac{5}{36}$	$\frac{31}{108}$	$\frac{11}{36}$	$\Phi_{108}^5\ \Phi_{54}^5\ \Phi_{36}\ \Phi_{27}^5\ \Phi_{18}\ \Phi_9\ \Phi_1$
9691	385	64	$\frac{7}{64}$	$\frac{9}{64}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{64}^6\ \Phi_{32}^6\ \Phi_{16}^6\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
9692	385	72	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{72}^7\ \Phi_{36}^7\ \Phi_{18}^7\ \Phi_9^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
9693	385	108	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{108}^5\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
9694	385	56	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{56}^8\ \Phi_{28}^8\ \Phi_{14}^3\ \Phi_8^7\ \Phi_7^5\ \Phi_4^7\ \Phi_2^2\ \Phi_1^5$
9695	385	90	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{90}^5\ \Phi_{45}^5\ \Phi_{30}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
9696	385	48	$\frac{1}{12}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{48}^7\ \Phi_{24}^7\ \Phi_{16}^8\ \Phi_{12}^{10}\ \Phi_8^8\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
9697	385	255	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{255}^2\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_{15}^3\ \Phi_3^3\ \Phi_1^3$
9698	385	120	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{40}^4\ \Phi_{30}\ \Phi_{24}^5\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_8^5\ \Phi_6^2\ \Phi_5^2\ \Phi_4^5\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
9699	385	96	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{96}^5\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{16}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
9700	386	308	$\frac{1}{77}$	$\frac{39}{154}$	$\frac{115}{308}$	$\frac{38}{77}$	$\Phi_{308}^2\ \Phi_{77}\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{11}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
9701	386	380	$\frac{3}{190}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{187}{380}$	$\Phi_{380}^2\ \Phi_{76}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
9702	386	330	$\frac{1}{55}$	$\frac{28}{165}$	$\frac{137}{330}$	$\frac{27}{55}$	$\Phi_{330}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
9703	386	378	$\frac{4}{189}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{185}{378}$	$\Phi_{378}^2\ \Phi_{126}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
9704	386	350	$\frac{1}{35}$	$\frac{18}{175}$	$\frac{157}{350}$	$\frac{17}{35}$	$\Phi_{350}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{35}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
9705	386	375	$\frac{11}{375}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{182}{375}$	$\Phi_{375}\ \Phi_{125}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
9706	386	260	$\frac{2}{65}$	$\frac{1}{5}$	$\frac{67}{260}$	$\frac{63}{130}$	$\Phi_{260}^2\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{20}^2\ \Phi_{13}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
9707	386	374	$\frac{6}{187}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{181}{374}$	$\Phi_{374}^2\ \Phi_{34}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
9708	386	364	$\frac{11}{182}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{171}{364}$	$\Phi_{364}^2\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
9709	386	363	$\frac{23}{363}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{170}{363}$	$\Phi_{363}\ \Phi_{121}\ \Phi_{33}^2\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
9710	386	360	$\frac{13}{180}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{167}{360}$	$\Phi_{360}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
9711	386	264	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{71}{264}$	$\frac{61}{132}$	$\Phi_{264}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
9712	386	352	$\frac{1}{11}$	$\frac{17}{176}$	$\frac{5}{22}$	$\frac{159}{352}$	$\Phi_{352}^2\ \Phi_{32}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
9713	386	224	$\frac{3}{28}$	$\frac{31}{224}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{224}^2\ \Phi_{112}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
9714	386	343	$\frac{6}{49}$	$\frac{43}{343}$	$\frac{1}{7}$	$\frac{150}{343}$	$\Phi_{343}\ \Phi_{49}^2\ \Phi_7\ \Phi_1^2$
9715	386	210	$\frac{17}{210}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
9716	386	252	$\frac{4}{63}$	$\frac{1}{7}$	$\frac{59}{252}$	$\frac{3}{7}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
9717	386	210	$\frac{17}{210}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
9718	386	336	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{168}$	$\frac{143}{336}$	$\Phi_{336}^2\ \Phi_{112}^2\ \Phi_{48}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
9719	386	330	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{28}{165}$	$\frac{137}{330}$	$\Phi_{330}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
9720	386	325	$\frac{4}{65}$	$\frac{61}{325}$	$\frac{1}{5}$	$\frac{132}{325}$	$\Phi_{325}\ \Phi_{65}^2\ \Phi_{25}\ \Phi_{13}^2\ \Phi_5\ \Phi_1^2$
9721	386	285	$\frac{3}{95}$	$\frac{1}{5}$	$\frac{92}{285}$	$\frac{2}{5}$	$\Phi_{285}^2\ \Phi_{57}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
9722	386	200	$\frac{7}{200}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{200}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
9723	386	315	$\frac{1}{35}$	$\frac{71}{315}$	$\frac{34}{105}$	$\frac{122}{315}$	$\Phi_{315}\ \Phi_{105}^2\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
9724	386	220	$\frac{1}{11}$	$\frac{27}{220}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{220}^2\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
9725	386	280	$\frac{1}{35}$	$\frac{17}{70}$	$\frac{87}{280}$	$\frac{53}{140}$	$\Phi_{280}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
9726	386	297	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{297}$	$\frac{104}{297}$	$\Phi_{297}\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{27}\ \Phi_{11}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
9727	386	294	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{46}{147}$	$\frac{101}{294}$	$\Phi_{294}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
9728	386	252	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{59}{252}$	$\frac{25}{84}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
9729	386	225	$\frac{2}{15}$	$\frac{32}{225}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{225}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
9730	386	270	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{5}$	$\frac{77}{270}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
9731	386	264	$\frac{1}{11}$	$\frac{17}{88}$	$\frac{5}{22}$	$\frac{71}{264}$	$\Phi_{264}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
9732	386	225	$\frac{32}{225}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{225}^2\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
9733	386	240	$\frac{2}{15}$	$\frac{47}{240}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
9734	387	336	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{41}{84}$	$\Phi_{336}^2\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{48}^2\ \Phi_{28}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
9735	387	84	$\frac{1}{42}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{41}{84}$	$\Phi_{84}^5\ \Phi_{42}^4\ \Phi_{28}^5\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_7^4\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
9736	387	500	$\frac{4}{125}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{121}{250}$	$\Phi_{500}\ \Phi_{125}\ \Phi_{100}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
9737	387	52	$\frac{1}{26}$	$\frac{9}{52}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{52}^8\ \Phi_{26}^7\ \Phi_{13}^7\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
9738	387	80	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{80}^9\ \Phi_{20}^2\ \Phi_{16}^9\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
9739	387	140	$\frac{11}{140}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{140}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{14}^3\ \Phi_{10}\ \Phi_7^3\ \Phi_5\ \Phi_4\ \Phi_1$
9740	387	156	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{4}$	$\frac{35}{78}$	$\Phi_{156}^3\ \Phi_{52}^4\ \Phi_{39}^3\ \Phi_{26}\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
9741	387	720	$\frac{2}{45}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{45}\ \Phi_{16}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
9742	387	1008	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{20}{63}$	$\frac{7}{16}$	$\Phi_{1008}\ \Phi_{144}\ \Phi_{63}\ \Phi_{16}\ \Phi_9\ \Phi_1$
9743	387	112	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{56}$	$\frac{7}{16}$	$\Phi_{112}^6\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}^7\ \Phi_8\ \Phi_4\ \Phi_1$
9744	387	48	$\frac{5}{48}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{48}^7\ \Phi_{24}^9\ \Phi_{16}^8\ \Phi_{12}^9\ \Phi_8^9\ \Phi_6^8\ \Phi_4^9\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
9745	387	784	$\frac{6}{49}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{784}\ \Phi_{49}\ \Phi_{16}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
9746	387	208	$\frac{1}{26}$	$\frac{25}{104}$	$\frac{1}{4}$	$\frac{79}{208}$	$\Phi_{208}^3\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{16}^3\ \Phi_{13}\ \Phi_4\ \Phi_1$
9747	387	240	$\frac{1}{10}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
9748	387	330	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{330}\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$
9749	387	180	$\frac{2}{45}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
9750	387	252	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{20}{63}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{63}^3\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
9751	387	52	$\frac{1}{13}$	$\frac{9}{52}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{52}^7\ \Phi_{26}^7\ \Phi_{13}^9\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
9752	387	100	$\frac{1}{10}$	$\frac{7}{50}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{100}^6\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
9753	387	60	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{60}^9\ \Phi_{30}^9\ \Phi_{20}^2\ \Phi_{15}^9\ \Phi_{12}^9\ \Phi_{10}\ \Phi_6^9\ \Phi_5\ \Phi_4\ \Phi_3^9\ \Phi_1$
9754	387	56	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{56}^9\ \Phi_{28}^5\ \Phi_{14}^4\ \Phi_8^9\ \Phi_7^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
9755	387	48	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{48}^9\ \Phi_{24}^9\ \Phi_{16}^9\ \Phi_{12}^5\ \Phi_8^9\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
9756	387	196	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{196}^2\ \Phi_{98}^2\ \Phi_{49}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
9757	387	160	$\frac{1}{10}$	$\frac{31}{160}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{160}^3\ \Phi_{80}^3\ \Phi_{32}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
9758	387	100	$\frac{7}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{100}^5\ \Phi_{50}^2\ \Phi_{25}^3\ \Phi_{20}^6\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
9759	388	192	$\frac{1}{96}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{95}{192}$	$\Phi_{192}^4\ \Phi_{64}^4\ \Phi_3\ \Phi_1^2$
9760	388	390	$\frac{1}{65}$	$\frac{33}{130}$	$\frac{1}{3}$	$\frac{32}{65}$	$\Phi_{390}^2\ \Phi_{195}\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
9761	388	570	$\frac{2}{95}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{93}{190}$	$\Phi_{570}^2\ \Phi_{114}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
9762	388	172	$\frac{1}{43}$	$\frac{11}{86}$	$\frac{75}{172}$	$\frac{21}{43}$	$\Phi_{172}^4\ \Phi_{43}\ \Phi_4^4\ \Phi_1^2$
9763	388	129	$\frac{1}{43}$	$\frac{32}{129}$	$\frac{11}{43}$	$\frac{21}{43}$	$\Phi_{129}^4\ \Phi_{43}\ \Phi_3^4\ \Phi_1^2$
9764	388	117	$\frac{1}{39}$	$\frac{20}{117}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{117}^4\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
9765	388	189	$\frac{5}{189}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{92}{189}$	$\Phi_{189}^2\ \Phi_{63}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_9^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^4$
9766	388	375	$\frac{13}{375}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{181}{375}$	$\Phi_{375}\ \Phi_{125}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
9767	388	546	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{85}{182}$	$\Phi_{546}^2\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{39}\ \Phi_6^2$
9768	388	910	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{85}{182}$	$\Phi_{910}\ \Phi_{130}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
9769	388	105	$\frac{1}{15}$	$\frac{8}{105}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{105}^4\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}^2\ \Phi_7^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
9770	388	560	$\frac{1}{14}$	$\frac{15}{112}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{10}$
9771	388	312	$\frac{7}{104}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{312}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
9772	388	180	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{1}{3}$	$\frac{83}{180}$	$\Phi_{180}^4\ \Phi_{60}^4\ \Phi_{36}^4\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
9773	388	180	$\frac{7}{90}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{83}{180}$	$\Phi_{180}^4\ \Phi_{60}^4\ \Phi_{36}^4\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
9774	388	351	$\frac{2}{39}$	$\frac{37}{351}$	$\frac{1}{3}$	$\frac{157}{351}$	$\Phi_{351}\ \Phi_{117}\ \Phi_{39}^2\ \Phi_{27}\ \Phi_{13}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
9775	388	126	$\frac{5}{63}$	$\frac{1}{9}$	$\frac{29}{126}$	$\frac{4}{9}$	$\Phi_{126}^4\ \Phi_{63}^2\ \Phi_{42}^4\ \Phi_{21}^2\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^3\ \Phi_7^2\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
9776	388	108	$\frac{11}{108}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{108}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^2\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_6^4\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
9777	388	172	$\frac{3}{43}$	$\frac{11}{86}$	$\frac{10}{43}$	$\frac{75}{172}$	$\Phi_{172}^4\ \Phi_{43}\ \Phi_4^4\ \Phi_1^2$
9778	388	840	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1}{5}$	$\frac{71}{168}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{120}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{10}$
9779	388	300	$\frac{3}{100}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
9780	388	108	$\frac{11}{108}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{108}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
9781	388	156	$\frac{1}{39}$	$\frac{19}{78}$	$\frac{1}{3}$	$\frac{59}{156}$	$\Phi_{156}^4\ \Phi_{52}^4\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
9782	388	297	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{297}$	$\frac{103}{297}$	$\Phi_{297}\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{27}\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
9783	388	99	$\frac{2}{99}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{99}^4\ \Phi_{33}^4\ \Phi_{11}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
9784	388	144	$\frac{1}{48}$	$\frac{47}{144}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{144}^4\ \Phi_{72}^4\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
9785	388	300	$\frac{3}{100}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{300}\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
9786	388	384	$\frac{1}{32}$	$\frac{31}{128}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_3\ \Phi_1^2$
9787	388	120	$\frac{1}{24}$	$\frac{23}{120}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
9788	388	102	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{102}^4\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_3\ \Phi_1^2$
9789	388	336	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
9790	388	312	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{312}\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
9791	388	108	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{108}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
9792	388	285	$\frac{4}{95}$	$\frac{1}{5}$	$\frac{91}{285}$	$\frac{1}{3}$	$\Phi_{285}\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
9793	388	117	$\frac{2}{39}$	$\frac{20}{117}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{117}^3\ \Phi_{39}^4\ \Phi_{13}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
9794	388	225	$\frac{1}{15}$	$\frac{31}{225}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{225}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
9795	388	273	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{79}{273}$	$\frac{1}{3}$	$\Phi_{273}\ \Phi_{91}^2\ \Phi_{39}^2\ \Phi_{21}\ \Phi_{13}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
9796	388	135	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{38}{135}$	$\frac{1}{3}$	$\Phi_{135}^4\ \Phi_{27}^4\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
9797	388	120	$\frac{1}{15}$	$\frac{23}{120}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_8^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
9798	388	225	$\frac{2}{15}$	$\frac{31}{225}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{225}^2\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
9799	388	630	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{29}{126}$	$\frac{13}{42}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{35}\ \Phi_{10}$
9800	388	135	$\frac{1}{9}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{38}{135}$	$\Phi_{135}^4\ \Phi_{27}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
9801	388	129	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{32}{129}$	$\frac{11}{43}$	$\Phi_{129}^4\ \Phi_{43}\ \Phi_3^4\ \Phi_1^2$
9802	389	768	$\frac{5}{384}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{379}{768}$	$\Phi_{768}\ \Phi_{256}\ \Phi_8\ \Phi_1$
9803	389	448	$\frac{3}{56}$	$\frac{59}{448}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{448}\ \Phi_{224}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
9804	389	728	$\frac{25}{364}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{339}{728}$	$\Phi_{728}\ \Phi_{104}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
9805	389	672	$\frac{3}{56}$	$\frac{53}{336}$	$\frac{1}{4}$	$\frac{283}{672}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{96}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
9806	389	576	$\frac{5}{192}$	$\frac{1}{4}$	$\frac{187}{576}$	$\frac{3}{8}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
9807	389	400	$\frac{11}{400}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
9808	389	512	$\frac{5}{128}$	$\frac{123}{512}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{512}\ \Phi_{256}\ \Phi_8\ \Phi_1$
9809	389	408	$\frac{19}{408}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_8\ \Phi_1$
9810	389	480	$\frac{5}{96}$	$\frac{91}{480}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
9811	389	416	$\frac{27}{416}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
9812	389	448	$\frac{5}{64}$	$\frac{59}{448}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
9813	389	432	$\frac{43}{432}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
9814	389	504	$\frac{3}{56}$	$\frac{115}{504}$	$\frac{1}{4}$	$\frac{53}{168}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
9815	390	616	$\frac{1}{77}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{38}{77}$	$\Phi_{616}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{11}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
9816	390	640	$\frac{1}{64}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{63}{128}$	$\Phi_{640}\ \Phi_{128}^2\ \Phi_5\ \Phi_1^2$
9817	390	384	$\frac{1}{64}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{63}{128}$	$\Phi_{384}^3\ \Phi_{12}\ \Phi_6$
9818	390	684	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{37}{76}$	$\Phi_{684}\ \Phi_{228}\ \Phi_{76}^2\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
9819	390	228	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{228}^3\ \Phi_{76}^4\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
9820	390	126	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{126}^6\ \Phi_{42}^6\ \Phi_{21}\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_6^6\ \Phi_2^6$
9821	390	696	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{14}{29}$	$\Phi_{696}\ \Phi_{232}\ \Phi_{29}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
9822	390	435	$\frac{1}{29}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{435}\ \Phi_{145}\ \Phi_{29}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
9823	390	522	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{14}{29}$	$\Phi_{522}\ \Phi_{261}\ \Phi_{29}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
9824	390	464	$\frac{1}{29}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{464}\ \Phi_{232}\ \Phi_{29}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
9825	390	672	$\frac{1}{28}$	$\frac{29}{224}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
9826	390	700	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{12}{25}$	$\Phi_{700}\ \Phi_{140}\ \Phi_{100}\ \Phi_{28}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
9827	390	175	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{12}{25}$	$\Phi_{175}^2\ \Phi_{35}^2\ \Phi_{25}^3\ \Phi_7^4\ \Phi_5^3\ \Phi_1^6$
9828	390	300	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{300}^2\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
9829	390	616	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{616}\ \Phi_{154}\ \Phi_{77}\ \Phi_{56}\ \Phi_{14}$
9830	390	389	$\frac{21}{389}$	$\frac{41}{389}$	$\frac{116}{389}$	$\frac{184}{389}$	$\Phi_{389}\ \Phi_1^2$
9831	390	474	$\frac{5}{79}$	$\frac{1}{6}$	$\frac{14}{79}$	$\frac{37}{79}$	$\Phi_{474}\ \Phi_{237}\ \Phi_{158}$
9832	390	389	$\frac{25}{389}$	$\frac{64}{389}$	$\frac{69}{389}$	$\frac{182}{389}$	$\Phi_{389}\ \Phi_1^2$
9833	390	524	$\frac{9}{131}$	$\frac{14}{131}$	$\frac{1}{4}$	$\frac{61}{131}$	$\Phi_{524}\ \Phi_{262}$
9834	390	84	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{84}^{13}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}^{13}\ \Phi_6$
9835	390	420	$\frac{1}{14}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{420}^2\ \Phi_{140}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
9836	390	48	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{48}^9\ \Phi_{24}^7\ \Phi_{16}^8\ \Phi_{12}^9\ \Phi_8^6\ \Phi_6^9\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
9837	390	696	$\frac{2}{29}$	$\frac{1}{12}$	$\frac{9}{29}$	$\frac{11}{24}$	$\Phi_{696}\ \Phi_{232}\ \Phi_{29}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
9838	390	264	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{264}^3\ \Phi_{88}^3\ \Phi_{44}\ \Phi_{22}$
9839	390	696	$\frac{1}{12}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{11}{24}$	$\Phi_{696}\ \Phi_{232}\ \Phi_{29}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
9840	390	168	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{168}^5\ \Phi_{56}^5\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
9841	390	171	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{6}{19}$	$\frac{4}{9}$	$\Phi_{171}^2\ \Phi_{57}^2\ \Phi_{19}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^6$
9842	390	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{144}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
9843	390	252	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{252}^2\ \Phi_{126}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_9\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
9844	390	770	$\frac{1}{11}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{770}\ \Phi_{154}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
9845	390	176	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{176}^2\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{11}^2$
9846	390	389	$\frac{17}{389}$	$\frac{53}{389}$	$\frac{124}{389}$	$\frac{168}{389}$	$\Phi_{389}\ \Phi_1^2$
9847	390	336	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{1}{3}$	$\frac{47}{112}$	$\Phi_{336}^3\ \Phi_{84}\ \Phi_{48}^3\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
9848	390	434	$\frac{1}{14}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{434}\ \Phi_{217}\ \Phi_{62}$
9849	390	504	$\frac{7}{72}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
9850	390	154	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{154}^5\ \Phi_{77}\ \Phi_{14}^5$
9851	390	389	$\frac{24}{389}$	$\frac{73}{389}$	$\frac{77}{389}$	$\frac{158}{389}$	$\Phi_{389}\ \Phi_1^2$
9852	390	524	$\frac{6}{131}$	$\frac{25}{131}$	$\frac{1}{4}$	$\frac{53}{131}$	$\Phi_{524}\ \Phi_{262}$
9853	390	480	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{31}{96}$	$\frac{2}{5}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
9854	390	340	$\frac{3}{68}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_5\ \Phi_1^2$
9855	390	80	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{80}^4\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{16}^8\ \Phi_{10}^4\ \Phi_8^8\ \Phi_5^5\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{10}$
9856	390	210	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}\ \Phi_{42}^4\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}^4\ \Phi_{15}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
9857	390	360	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
9858	390	704	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{704}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
9859	390	120	$\frac{1}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{120}^5\ \Phi_{60}^5\ \Phi_{30}^5\ \Phi_{24}^4\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
9860	390	616	$\frac{2}{77}$	$\frac{1}{4}$	$\frac{25}{77}$	$\frac{3}{8}$	$\Phi_{616}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{11}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
9861	390	216	$\frac{1}{27}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^3\ \Phi_{108}\ \Phi_{72}^3\ \Phi_{54}\ \Phi_{36}\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
9862	390	616	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{11}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
9863	390	56	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{56}^{11}\ \Phi_{14}^6\ \Phi_8^{12}\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
9864	390	88	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{88}^7\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_8^8\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
9865	390	389	$\frac{19}{389}$	$\frac{74}{389}$	$\frac{105}{389}$	$\frac{142}{389}$	$\Phi_{389}\ \Phi_1^2$
9866	390	434	$\frac{1}{14}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{434}\ \Phi_{217}\ \Phi_{62}$
9867	390	220	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{220}^3\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}^3\ \Phi_{22}$
9868	390	389	$\frac{26}{389}$	$\frac{51}{389}$	$\frac{121}{389}$	$\frac{134}{389}$	$\Phi_{389}\ \Phi_1^2$
9869	390	474	$\frac{4}{79}$	$\frac{1}{6}$	$\frac{25}{79}$	$\frac{27}{79}$	$\Phi_{474}\ \Phi_{237}\ \Phi_{158}$
9870	390	294	$\frac{1}{49}$	$\frac{16}{49}$	$\frac{1}{3}$	$\frac{33}{98}$	$\Phi_{294}^3\ \Phi_{147}\ \Phi_{42}^3\ \Phi_{21}\ \Phi_6^3$
9871	390	240	$\frac{1}{16}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
9872	390	96	$\frac{1}{32}$	$\frac{1}{4}$	$\frac{31}{96}$	$\frac{1}{3}$	$\Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^6\ \Phi_{24}^3\ \Phi_{16}^6\ \Phi_{12}^4\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
9873	390	84	$\frac{1}{28}$	$\frac{19}{84}$	$\frac{9}{28}$	$\frac{1}{3}$	$\Phi_{84}^4\ \Phi_{42}^4\ \Phi_{28}^6\ \Phi_{21}^4\ \Phi_{14}^6\ \Phi_{12}^4\ \Phi_7^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
9874	390	114	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{114}^4\ \Phi_{57}^2\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_6^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
9875	390	588	$\frac{13}{196}$	$\frac{27}{196}$	$\frac{61}{196}$	$\frac{1}{3}$	$\Phi_{588}\ \Phi_{294}\ \Phi_{147}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
9876	390	435	$\frac{2}{29}$	$\frac{2}{15}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{435}\ \Phi_{145}\ \Phi_{29}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
9877	390	42	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{42}^{15}\ \Phi_{21}^{13}\ \Phi_6^{15}\ \Phi_3^{12}$
9878	390	144	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{144}^4\ \Phi_{72}^4\ \Phi_{48}\ \Phi_{36}^4\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
9879	390	588	$\frac{11}{196}$	$\frac{37}{196}$	$\frac{53}{196}$	$\frac{1}{3}$	$\Phi_{588}\ \Phi_{294}\ \Phi_{147}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
9880	390	204	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^3\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{12}\ \Phi_6$
9881	390	768	$\frac{3}{64}$	$\frac{61}{256}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{12}\ \Phi_6$
9882	390	48	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{48}^{12}\ \Phi_{24}^{12}\ \Phi_{12}^{13}\ \Phi_6^{13}\ \Phi_3^{12}$
9883	390	84	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^6\ \Phi_{42}^3\ \Phi_{28}^8\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_7^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
9884	390	660	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{110}\ \Phi_{44}\ \Phi_{22}$
9885	390	672	$\frac{3}{32}$	$\frac{29}{224}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
9886	390	72	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{72}^6\ \Phi_{36}^6\ \Phi_{24}^3\ \Phi_{18}^6\ \Phi_{12}^4\ \Phi_9^6\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
9887	390	84	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{84}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{21}\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_2^6$
9888	390	504	$\frac{7}{72}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
9889	390	435	$\frac{2}{15}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{435}\ \Phi_{145}\ \Phi_{29}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
9890	390	210	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{210}^3\ \Phi_{105}^2\ \Phi_{70}^3\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{14}$
9891	390	522	$\frac{2}{29}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{9}{29}$	$\Phi_{522}\ \Phi_{261}\ \Phi_{29}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
9892	390	464	$\frac{2}{29}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{464}\ \Phi_{232}\ \Phi_{29}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
9893	390	105	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{105}^4\ \Phi_{35}^2\ \Phi_{21}^4\ \Phi_{15}^6\ \Phi_7^4\ \Phi_5^3\ \Phi_3^6\ \Phi_1^6$
9894	390	396	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{396}^2\ \Phi_{198}\ \Phi_{99}\ \Phi_{44}\ \Phi_{22}$
9895	390	522	$\frac{4}{29}$	$\frac{1}{6}$	$\frac{5}{29}$	$\frac{5}{18}$	$\Phi_{522}\ \Phi_{261}\ \Phi_{29}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
9896	390	126	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{126}^5\ \Phi_{63}^5\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
9897	390	176	$\frac{1}{11}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{176}^3\ \Phi_{88}^3\ \Phi_{44}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
9898	390	60	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{60}^{8}\ \Phi_{30}^{3}\ \Phi_{20}^{9}\ \Phi_{15}^{5}\ \Phi_{12}^{10}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{10}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
9899	390	464	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{464}\ \Phi_{232}\ \Phi_{29}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
9900	390	336	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{112}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
9901	391	624	$\frac{1}{78}$	$\frac{79}{312}$	$\frac{233}{624}$	$\frac{77}{156}$	$\Phi_{624}\ \Phi_{208}\ \Phi_{156}\ \Phi_{52}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
9902	391	768	$\frac{7}{384}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{377}{768}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
9903	391	760	$\frac{11}{380}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{369}{760}$	$\Phi_{760}\ \Phi_{152}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
9904	391	720	$\frac{1}{30}$	$\frac{31}{360}$	$\frac{329}{720}$	$\frac{29}{60}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
9905	391	540	$\frac{1}{30}$	$\frac{31}{180}$	$\frac{149}{540}$	$\frac{29}{60}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
9906	391	480	$\frac{1}{30}$	$\frac{89}{480}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
9907	391	756	$\frac{13}{378}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{365}{756}$	$\Phi_{756}\ \Phi_{252}\ \Phi_{108}\ \Phi_{84}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
9908	391	528	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{137}{528}$	$\frac{127}{264}$	$\Phi_{528}\ \Phi_{176}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
9909	391	728	$\frac{1}{26}$	$\frac{27}{364}$	$\frac{337}{728}$	$\frac{25}{52}$	$\Phi_{728}\ \Phi_{104}\ \Phi_{56}\ \Phi_{52}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
9910	391	352	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{21}{44}$	$\Phi_{352}^{2}\ \Phi_{44}\ \Phi_{32}^{3}\ \Phi_{4}\ \Phi_{1}$
9911	391	264	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{21}{44}$	$\Phi_{264}^{2}\ \Phi_{132}^{2}\ \Phi_{66}^{2}\ \Phi_{44}\ \Phi_{33}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
9912	391	220	$\frac{1}{22}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{220}^{2}\ \Phi_{110}^{2}\ \Phi_{55}^{2}\ \Phi_{44}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
9913	391	1056	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{15}{32}$	$\Phi_{1056}\ \Phi_{96}\ \Phi_{33}\ \Phi_{32}\ \Phi_{3}\ \Phi_{1}$
9914	391	720	$\frac{1}{15}$	$\frac{31}{360}$	$\frac{14}{45}$	$\frac{329}{720}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
9915	391	720	$\frac{31}{360}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{329}{720}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
9916	391	720	$\frac{31}{360}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{329}{720}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
9917	391	126	$\frac{1}{18}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{126}^{3}\ \Phi_{63}^{3}\ \Phi_{42}^{2}\ \Phi_{21}^{3}\ \Phi_{18}^{5}\ \Phi_{14}^{2}\ \Phi_{9}^{5}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
9918	391	540	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{149}{540}$	$\frac{121}{270}$	$\Phi_{540}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
9919	391	480	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{89}{480}$	$\frac{71}{160}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
9920	391	700	$\frac{1}{10}$	$\frac{41}{350}$	$\frac{9}{50}$	$\frac{309}{700}$	$\Phi_{700}\ \Phi_{140}\ \Phi_{100}\ \Phi_{50}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
9921	391	288	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{288}^{2}\ \Phi_{96}^{2}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{32}\ \Phi_{24}^{2}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
9922	391	120	$\frac{1}{24}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{120}^{3}\ \Phi_{60}^{3}\ \Phi_{40}^{3}\ \Phi_{30}^{2}\ \Phi_{24}^{5}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
9923	391	30	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{7}{30}$	$\frac{13}{30}$	$\Phi_{30}^{10}\ \Phi_{15}^{16}\ \Phi_{10}^{10}\ \Phi_{6}^{10}\ \Phi_{5}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{10}\ \Phi_{1}^{17}$
9924	391	432	$\frac{41}{432}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
9925	391	360	$\frac{1}{18}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{360}^{2}\ \Phi_{120}^{2}\ \Phi_{72}^{2}\ \Phi_{40}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
9926	391	576	$\frac{7}{192}$	$\frac{1}{6}$	$\frac{185}{576}$	$\frac{5}{12}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
9927	391	24	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{24}^{16}\ \Phi_{12}^{17}\ \Phi_{8}^{16}\ \Phi_{6}^{16}\ \Phi_{4}^{17}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
9928	391	480	$\frac{7}{96}$	$\frac{1}{6}$	$\frac{89}{480}$	$\frac{5}{12}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
9929	391	432	$\frac{41}{432}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
9930	391	660	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{330}$	$\frac{269}{660}$	$\Phi_{660}\ \Phi_{220}\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
9931	391	640	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{320}$	$\frac{249}{640}$	$\Phi_{640}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
9932	391	624	$\frac{1}{26}$	$\frac{25}{104}$	$\frac{79}{312}$	$\frac{233}{624}$	$\Phi_{624}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{48}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
9933	391	36	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{36}^{17}\ \Phi_{18}^{5}\ \Phi_{12}^{17}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{17}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
9934	391	600	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{300}$	$\frac{209}{600}$	$\Phi_{600}\ \Phi_{200}\ \Phi_{120}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
9935	391	26	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{26}^{14}\ \Phi_{13}^{16}\ \Phi_{2}^{14}\ \Phi_{1}^{17}$
9936	391	450	$\frac{1}{15}$	$\frac{59}{450}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{25}\ \Phi_{9}\ \Phi_{1}$
9937	391	540	$\frac{1}{15}$	$\frac{31}{180}$	$\frac{149}{540}$	$\frac{14}{45}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
9938	391	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{10}{33}$	$\Phi_{264}\ \Phi_{132}\ \Phi_{88}^{2}\ \Phi_{66}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
9939	391	660	$\frac{1}{11}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{60}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
9940	391	66	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{22}$	$\frac{10}{33}$	$\Phi_{66}^{5}\ \Phi_{33}^{6}\ \Phi_{22}^{7}\ \Phi_{11}^{7}\ \Phi_{6}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
9941	391	432	$\frac{41}{432}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
9942	391	504	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{113}{504}$	$\frac{5}{18}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
9943	391	540	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{180}$	$\frac{149}{540}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
9944	391	480	$\frac{1}{10}$	$\frac{89}{480}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
9945	392	291	$\frac{1}{97}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{48}{97}$	$\Phi_{291}\ \Phi_{97}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
9946	392	391	$\frac{5}{391}$	$\frac{99}{391}$	$\frac{146}{391}$	$\frac{193}{391}$	$\Phi_{391}\ \Phi_{23}\ \Phi_{17}\ \Phi_{1}^{2}$
9947	392	591	$\frac{3}{197}$	$\frac{50}{197}$	$\frac{1}{3}$	$\frac{97}{197}$	Φ_{591}
9948	392	660	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{27}{55}$	$\Phi_{660}\ \Phi_{220}\ \Phi_{132}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{20}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
9949	392	495	$\frac{1}{55}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{27}{55}$	$\Phi_{495}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
9950	392	672	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{47}{96}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{96}^{2}\ \Phi_{32}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
9951	392	480	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{480}^{2}\ \Phi_{160}^{2}\ \Phi_{15}$
9952	392	330	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{330}^{2}\ \Phi_{165}\ \Phi_{110}^{2}\ \Phi_{55}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{10}^{2}$
9953	392	351	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{13}{27}$	$\Phi_{351}\ \Phi_{117}\ \Phi_{39}\ \Phi_{27}^{2}\ \Phi_{13}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
9954	392	216	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{216}^{2}\ \Phi_{108}^{2}\ \Phi_{72}^{2}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{3}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
9955	392	391	$\frac{15}{391}$	$\frac{29}{391}$	$\frac{181}{391}$	$\frac{188}{391}$	$\Phi_{391}\ \Phi_{23}\ \Phi_{17}\ \Phi_{1}^{2}$
9956	392	92	$\frac{1}{23}$	$\frac{3}{46}$	$\frac{43}{92}$	$\frac{11}{23}$	$\Phi_{92}^{8}\ \Phi_{23}\ \Phi_{4}^{8}\ \Phi_{1}^{2}$
9957	392	69	$\frac{1}{23}$	$\frac{3}{23}$	$\frac{20}{69}$	$\frac{11}{23}$	$\Phi_{69}^{8}\ \Phi_{23}\ \Phi_{3}^{8}\ \Phi_{1}^{2}$
9958	392	115	$\frac{1}{23}$	$\frac{17}{115}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{115}^{4}\ \Phi_{23}\ \Phi_{5}^{4}\ \Phi_{1}^{2}$
9959	392	187	$\frac{9}{187}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{89}{187}$	$\Phi_{187}^{2}\ \Phi_{17}^{3}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
9960	392	152	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{152}^{3}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
9961	392	391	$\frac{25}{391}$	$\frac{41}{391}$	$\frac{104}{391}$	$\frac{183}{391}$	$\Phi_{391}\ \Phi_{23}\ \Phi_{17}\ \Phi_{1}^{2}$
9962	392	92	$\frac{3}{46}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{43}{92}$	$\Phi_{92}^{8}\ \Phi_{23}\ \Phi_{4}^{8}\ \Phi_{1}^{2}$
9963	392	591	$\frac{13}{197}$	$\frac{15}{197}$	$\frac{1}{3}$	$\frac{92}{197}$	Φ_{591}
9964	392	195	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{195}^{2}\ \Phi_{65}^{2}\ \Phi_{39}\ \Phi_{15}^{4}\ \Phi_{13}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
9965	392	117	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{6}{13}$	$\Phi_{117}^{3}\ \Phi_{39}^{3}\ \Phi_{13}^{4}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
9966	392	520	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
9967	392	90	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{90}^{8}\ \Phi_{45}\ \Phi_{30}^{8}\ \Phi_{18}^{8}\ \Phi_{15}\ \Phi_{10}^{8}\ \Phi_{6}^{8}\ \Phi_{2}^{8}$
9968	392	55	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{55}^{7}\ \Phi_{11}^{8}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
9969	392	51	$\frac{1}{17}$	$\frac{5}{51}$	$\frac{16}{51}$	$\frac{23}{51}$	$\Phi_{51}^{8}\ \Phi_{17}^{7}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
9970	392	51	$\frac{5}{51}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{23}{51}$	$\Phi_{51}^{7}\ \Phi_{17}^{9}\ \Phi_{3}^{7}\ \Phi_{1}^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
9971	392	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{180}^2\ \Phi_{90}^3\ \Phi_{60}\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
9972	392	435	$\frac{1}{15}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{435}\ \Phi_{145}\ \Phi_{87}$
9973	392	391	$\frac{31}{391}$	$\frac{43}{391}$	$\frac{90}{391}$	$\frac{174}{391}$	$\Phi_{391}\ \Phi_{23}\ \Phi_{17}\ \Phi_1^2$
9974	392	270	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
9975	392	440	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{5}$	$\frac{39}{88}$	$\Phi_{440}^2\ \Phi_{55}\ \Phi_{40}^2$
9976	392	68	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{19}{68}$	$\frac{15}{34}$	$\Phi_{68}^8\ \Phi_{17}^7\ \Phi_4^8\ \Phi_1^8$
9977	392	456	$\frac{7}{57}$	$\frac{1}{8}$	$\frac{8}{57}$	$\frac{25}{57}$	$\Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{38}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
9978	392	391	$\frac{48}{391}$	$\frac{49}{391}$	$\frac{55}{391}$	$\frac{171}{391}$	$\Phi_{391}\ \Phi_{23}\ \Phi_{17}\ \Phi_1^2$
9979	392	495	$\frac{8}{99}$	$\frac{13}{99}$	$\frac{1}{5}$	$\frac{43}{99}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{55}\ \Phi_{45}\ \Phi_{15}$
9980	392	391	$\frac{20}{391}$	$\frac{53}{391}$	$\frac{111}{391}$	$\frac{169}{391}$	$\Phi_{391}\ \Phi_{23}\ \Phi_{17}\ \Phi_1^2$
9981	392	345	$\frac{1}{23}$	$\frac{47}{345}$	$\frac{22}{69}$	$\frac{149}{345}$	$\Phi_{345}\ \Phi_{115}\ \Phi_{69}^2\ \Phi_{23}\ \Phi_{15}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
9982	392	591	$\frac{8}{197}$	$\frac{27}{197}$	$\frac{1}{3}$	$\frac{85}{197}$	Φ_{591}
9983	392	357	$\frac{2}{51}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{357}\ \Phi_{119}\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_7\ \Phi_1^2$
9984	392	504	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{23}{72}$	$\frac{3}{7}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
9985	392	364	$\frac{3}{52}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{364}\ \Phi_{182}\ \Phi_{91}\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_1^2$
9986	392	448	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{15}{64}$	$\frac{3}{7}$	$\Phi_{448}\ \Phi_{224}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_7\ \Phi_1^2$
9987	392	420	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{60}$	$\frac{3}{7}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
9988	392	378	$\frac{5}{54}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
9989	392	56	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{56}^6\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_8^{12}\ \Phi_7^7\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{14}$
9990	392	85	$\frac{1}{17}$	$\frac{13}{85}$	$\frac{4}{17}$	$\frac{36}{85}$	$\Phi_{85}^4\ \Phi_{17}^7\ \Phi_5^4\ \Phi_1^8$
9991	392	69	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{20}{69}$	$\frac{29}{69}$	$\Phi_{69}^6\ \Phi_{23}^5\ \Phi_3^6\ \Phi_1^6$
9992	392	348	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{348}^2\ \Phi_{116}^2\ \Phi_{87}$
9993	392	660	$\frac{3}{55}$	$\frac{1}{6}$	$\frac{13}{55}$	$\frac{5}{12}$	$\Phi_{660}\ \Phi_{220}\ \Phi_{132}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
9994	392	60	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{60}^{11}\ \Phi_{20}^{11}\ \Phi_{15}^4\ \Phi_{12}^{12}\ \Phi_5^3\ \Phi_4^{12}\ \Phi_3^4\ \Phi_1^4$
9995	392	132	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{132}^5\ \Phi_{44}^5\ \Phi_{33}^2\ \Phi_{12}^6\ \Phi_{11}\ \Phi_4^6\ \Phi_3^2\ \Phi_1^2$
9996	392	660	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{660}\ \Phi_{220}\ \Phi_{132}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
9997	392	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{72}^7\ \Phi_{36}^4\ \Phi_{24}^5\ \Phi_{18}^7\ \Phi_{12}^3\ \Phi_9^6\ \Phi_8^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
9998	392	51	$\frac{2}{51}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{51}^8\ \Phi_{17}^7\ \Phi_3^8\ \Phi_1^8$
9999	392	290	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{290}^2\ \Phi_{145}\ \Phi_{58}^2$
10000	392	23	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{9}{23}$	$\Phi_{23}^{17}\ \Phi_1^{18}$
10001	392	720	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{90}\ \Phi_{48}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
10002	392	456	$\frac{5}{57}$	$\frac{1}{8}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{38}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
10003	392	153	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{43}{153}$	$\frac{55}{153}$	$\Phi_{153}^2\ \Phi_{51}^4\ \Phi_{17}^3\ \Phi_9^2\ \Phi_3^4\ \Phi_1^4$
10004	392	150	$\frac{1}{50}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{150}^3\ \Phi_{75}^3\ \Phi_{50}^2\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_2^2$
10005	392	261	$\frac{1}{29}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{261}^2\ \Phi_{87}$
10006	392	255	$\frac{2}{51}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{255}^2\ \Phi_{85}^2\ \Phi_{15}$
10007	392	291	$\frac{6}{97}$	$\frac{13}{97}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{291}\ \Phi_{97}^2\ \Phi_3^2\ \Phi_1^4$
10008	392	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
10009	392	360	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{15}$
10010	392	648	$\frac{2}{27}$	$\frac{1}{8}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
10011	392	780	$\frac{3}{52}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{15}$
10012	392	495	$\frac{3}{55}$	$\frac{2}{9}$	$\frac{13}{55}$	$\frac{1}{3}$	$\Phi_{495}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{11}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
10013	392	960	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{15}$
10014	392	45	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{45}^{11}\ \Phi_{15}^4\ \Phi_9^{12}\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
10015	392	99	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{99}^5\ \Phi_{33}^2\ \Phi_{11}\ \Phi_9^6\ \Phi_3^2\ \Phi_1^2$
10016	392	495	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{495}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{11}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
10017	392	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{72}^6\ \Phi_{36}^6\ \Phi_{24}^7\ \Phi_{18}^6\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
10018	392	591	$\frac{22}{197}$	$\frac{25}{197}$	$\frac{43}{197}$	$\frac{1}{3}$	Φ_{591}
10019	392	60	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{60}^6\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{15}^7\ \Phi_{12}^8\ \Phi_{10}^6\ \Phi_6^8\ \Phi_5^6\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
10020	392	270	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{15}$
10021	392	120	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{30}^6\ \Phi_{15}^7$
10022	392	69	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{20}{69}$	$\frac{7}{23}$	$\Phi_{69}^8\ \Phi_{23}\ \Phi_3^8\ \Phi_1^2$
10023	392	17	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{17}^{23}\ \Phi_1^{24}$
10024	392	135	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{5}$	$\frac{37}{135}$	$\Phi_{135}^4\ \Phi_{45}\ \Phi_{27}^4\ \Phi_{15}$
10025	392	180	$\frac{1}{9}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
10026	392	152	$\frac{1}{8}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{152}^3\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
10027	392	330	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{55}\ \Phi_{30}^2\ \Phi_{15}^2$
10028	393	516	$\frac{2}{129}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{127}{258}$	$\Phi_{516}\ \Phi_{172}\ \Phi_{129}\ \Phi_{43}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
10029	393	224	$\frac{1}{56}$	$\frac{19}{112}$	$\frac{93}{224}$	$\frac{55}{112}$	$\Phi_{224}^3\ \Phi_{112}\ \Phi_{32}^3\ \Phi_{16}\ \Phi_1$
10030	393	176	$\frac{1}{44}$	$\frac{1}{4}$	$\frac{45}{176}$	$\frac{43}{88}$	$\Phi_{176}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{16}^3\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
10031	393	256	$\frac{3}{128}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{125}{256}$	$\Phi_{256}^3\ \Phi_{16}\ \Phi_1$
10032	393	256	$\frac{3}{128}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{125}{256}$	$\Phi_{256}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
10033	393	252	$\frac{5}{126}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{121}{252}$	$\Phi_{252}^3\ \Phi_{84}^3\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{12}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
10034	393	252	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{121}{252}$	$\Phi_{252}\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
10035	393	532	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{139}{532}$	$\frac{127}{266}$	$\Phi_{532}\ \Phi_{133}\ \Phi_{76}\ \Phi_{28}\ \Phi_{19}\ \Phi_4\ \Phi_1$
10036	393	440	$\frac{3}{44}$	$\frac{47}{440}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
10037	393	484	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{111}{242}$	$\Phi_{484}\ \Phi_{121}\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{11}\ \Phi_4\ \Phi_1$
10038	393	144	$\frac{1}{12}$	$\frac{13}{144}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{144}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
10039	393	160	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{29}{160}$	$\frac{73}{160}$	$\Phi_{160}^2\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
10040	393	240	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{4}$	$\frac{109}{240}$	$\Phi_{240}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
10041	393	240	$\frac{11}{120}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{109}{240}$	$\Phi_{240}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{10}\ \Phi_5\ \Phi_1$
10042	393	704	$\frac{3}{44}$	$\frac{41}{352}$	$\frac{1}{4}$	$\frac{311}{704}$	$\Phi_{704}\ \Phi_{64}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
10043	393	192	$\frac{3}{64}$	$\frac{1}{8}$	$\frac{61}{192}$	$\frac{7}{16}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
10044	393	416	$\frac{23}{416}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
10045	393	512	$\frac{9}{128}$	$\frac{1}{8}$	$\frac{119}{512}$	$\frac{7}{16}$	$\Phi_{512}\ \Phi_{256}\ \Phi_{16}\ \Phi_1$
10046	393	144	$\frac{13}{144}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{144}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
10047	393	160	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{29}{160}$	$\frac{7}{16}$	$\Phi_{160}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1$
10048	393	448	$\frac{55}{448}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
10049	393	224	$\frac{1}{28}$	$\frac{19}{112}$	$\frac{9}{28}$	$\frac{93}{224}$	$\Phi_{224}^3\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
10050	393	220	$\frac{1}{22}$	$\frac{21}{110}$	$\frac{1}{4}$	$\frac{89}{220}$	$\Phi_{220}\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{20}\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
10051	393	560	$\frac{1}{28}$	$\frac{27}{140}$	$\frac{167}{560}$	$\frac{113}{280}$	$\Phi_{560}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
10052	393	135	$\frac{4}{135}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{135}^3\ \Phi_{45}^3\ \Phi_{27}^3\ \Phi_{15}^2\ \Phi_9^3\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
10053	393	640	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{320}$	$\frac{247}{640}$	$\Phi_{640}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
10054	393	136	$\frac{5}{136}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{136}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
10055	393	140	$\frac{9}{140}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{140}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_4^3\ \Phi_1^3$
10056	393	168	$\frac{1}{28}$	$\frac{37}{168}$	$\frac{9}{28}$	$\frac{19}{56}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
10057	393	396	$\frac{1}{33}$	$\frac{1}{4}$	$\frac{32}{99}$	$\frac{67}{198}$	$\Phi_{396}\ \Phi_{132}^2\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
10058	393	196	$\frac{1}{49}$	$\frac{16}{49}$	$\frac{65}{196}$	$\frac{33}{98}$	$\Phi_{196}^3\ \Phi_{49}^2\ \Phi_{28}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
10059	393	192	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{61}{192}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
10060	393	189	$\frac{5}{63}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{58}{189}$	$\Phi_{189}^3\ \Phi_{27}^3\ \Phi_7^2\ \Phi_1^3$
10061	393	147	$\frac{16}{147}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{147}^3\ \Phi_{49}^3\ \Phi_7^2\ \Phi_1^3$
10062	393	168	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{37}{168}$	$\frac{2}{7}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
10063	393	144	$\frac{13}{144}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{144}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
10064	393	160	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{29}{160}$	$\frac{11}{40}$	$\Phi_{160}^3\ \Phi_{80}^3\ \Phi_{40}\ \Phi_{32}^3\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{10}\ \Phi_5\ \Phi_1$
10065	393	180	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{4}$	$\frac{49}{180}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
10066	393	176	$\frac{3}{44}$	$\frac{41}{176}$	$\frac{1}{4}$	$\frac{45}{176}$	$\Phi_{176}^2\ \Phi_{88}^2\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{16}^2\ \Phi_{11}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
10067	393	144	$\frac{13}{144}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{144}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
10068	393	160	$\frac{3}{32}$	$\frac{29}{160}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{160}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
10069	393	168	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{168}$	$\frac{1}{4}$	$\Phi_{168}^3\ \Phi_{84}\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
10070	394	390	$\frac{2}{195}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{193}{390}$	$\Phi_{390}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10071	394	264	$\frac{1}{66}$	$\frac{67}{264}$	$\frac{1}{3}$	$\frac{65}{132}$	$\Phi_{264}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10072	394	387	$\frac{7}{387}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{190}{387}$	$\Phi_{387}\ \Phi_{129}\ \Phi_{43}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
10073	394	384	$\frac{5}{192}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{187}{384}$	$\Phi_{384}^2\ \Phi_{128}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10074	394	378	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{181}{378}$	$\Phi_{378}^2\ \Phi_{126}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10075	394	660	$\frac{1}{22}$	$\frac{23}{220}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{66}\ \Phi_{60}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
10076	394	1122	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{177}{374}$	$\Phi_{1122}\ \Phi_{102}\ \Phi_{66}\ \Phi_{33}\ \Phi_6$
10077	394	216	$\frac{1}{18}$	$\frac{19}{216}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10078	394	363	$\frac{2}{33}$	$\frac{31}{363}$	$\frac{1}{3}$	$\frac{166}{363}$	$\Phi_{363}\ \Phi_{121}\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
10079	394	360	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{1}{3}$	$\frac{163}{360}$	$\Phi_{360}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10080	394	1056	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{1}{3}$	$\frac{155}{352}$	$\Phi_{1056}\ \Phi_{96}\ \Phi_{66}\ \Phi_{33}\ \Phi_6$
10081	394	204	$\frac{7}{204}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10082	394	330	$\frac{1}{33}$	$\frac{32}{165}$	$\frac{1}{3}$	$\frac{133}{330}$	$\Phi_{330}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10083	394	297	$\frac{2}{99}$	$\frac{97}{297}$	$\frac{1}{3}$	$\frac{100}{297}$	$\Phi_{297}\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{27}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
10084	394	234	$\frac{2}{39}$	$\frac{37}{234}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
10085	394	210	$\frac{13}{210}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10086	394	288	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{91}{288}$	$\frac{1}{3}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10087	394	216	$\frac{19}{216}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10088	394	270	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{73}{270}$	$\frac{1}{3}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10089	394	264	$\frac{1}{22}$	$\frac{21}{88}$	$\frac{67}{264}$	$\frac{1}{3}$	$\Phi_{264}\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10090	394	252	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{252}$	$\frac{1}{3}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10091	394	216	$\frac{19}{216}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10092	394	240	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{240}$	$\frac{1}{3}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10093	395	312	$\frac{1}{78}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{77}{156}$	$\Phi_{312}^2\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{52}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
10094	395	456	$\frac{3}{76}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{456}^2\ \Phi_{152}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
10095	395	150	$\frac{4}{75}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{150}^2\ \Phi_{75}^3\ \Phi_{50}^2\ \Phi_{30}^3\ \Phi_{25}^3\ \Phi_{15}^4\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
10096	395	96	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{96}^3\ \Phi_{48}^5\ \Phi_{32}^4\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
10097	395	144	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{65}{144}$	$\Phi_{144}^5\ \Phi_{48}^5\ \Phi_{24}^2\ \Phi_{16}^5\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
10098	395	420	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{6}$	$\frac{61}{140}$	$\Phi_{420}^2\ \Phi_{140}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
10099	395	384	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{384}^2\ \Phi_{128}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
10100	395	648	$\frac{2}{81}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{648}\ \Phi_{216}\ \Phi_{81}\ \Phi_{72}\ \Phi_{27}\ \Phi_9\ \Phi_8\ \Phi_1$
10101	395	936	$\frac{1}{39}$	$\frac{1}{4}$	$\frac{38}{117}$	$\frac{3}{8}$	$\Phi_{936}\ \Phi_{117}\ \Phi_{72}\ \Phi_9\ \Phi_8\ \Phi_1$
10102	395	104	$\frac{1}{26}$	$\frac{25}{104}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{104}^3\ \Phi_{52}^5\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
10103	395	168	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^4\ \Phi_{84}\ \Phi_{56}^4\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
10104	395	728	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{728}\ \Phi_{91}\ \Phi_{56}\ \Phi_8\ \Phi_7\ \Phi_1$
10105	395	120	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{120}^5\ \Phi_{60}^2\ \Phi_{40}^5\ \Phi_{30}^2\ \Phi_{24}^5\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8^5\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
10106	395	96	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{96}^5\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{24}^2\ \Phi_{16}^5\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
10107	395	90	$\frac{11}{90}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{90}^5\ \Phi_{45}^5\ \Phi_{30}^3\ \Phi_{18}^5\ \Phi_{15}^4\ \Phi_{10}^3\ \Phi_9^5\ \Phi_6^2\ \Phi_5^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
10108	395	95	$\frac{3}{19}$	$\frac{16}{95}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{95}^4\ \Phi_{19}^5\ \Phi_5^3\ \Phi_1^5$
10109	395	300	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{300}^2\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
10110	396	588	$\frac{1}{98}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{97}{196}$	$\Phi_{588}\ \Phi_{196}^2\ \Phi_{84}\ \Phi_{28}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
10111	396	158	$\frac{1}{79}$	$\frac{20}{79}$	$\frac{59}{158}$	$\frac{39}{79}$	$\Phi_{158}^4\ \Phi_{79}\ \Phi_2^4\ \Phi_1^2$
10112	396	65	$\frac{1}{65}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{32}{65}$	$\Phi_{65}^6\ \Phi_{13}^6\ \Phi_5^7\ \Phi_1^8$
10113	396	780	$\frac{1}{65}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{32}{65}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{156}\ \Phi_{78}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
10114	396	395	$\frac{7}{395}$	$\frac{67}{395}$	$\frac{164}{395}$	$\frac{194}{395}$	$\Phi_{395}\ \Phi_{79}\ \Phi_5\ \Phi_1^2$
10115	396	532	$\frac{3}{133}$	$\frac{1}{4}$	$\frac{34}{133}$	$\frac{65}{133}$	$\Phi_{532}\ \Phi_{266}\ \Phi_{76}\ \Phi_{38}\ \Phi_{28}\ \Phi_{14}$
10116	396	395	$\frac{9}{395}$	$\frac{98}{395}$	$\frac{101}{395}$	$\frac{193}{395}$	$\Phi_{395}\ \Phi_{79}\ \Phi_5\ \Phi_1^2$
10117	396	688	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{21}{43}$	$\Phi_{688}\ \Phi_{43}\ \Phi_{16}^2\ \Phi_1^2$
10118	396	172	$\frac{1}{43}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{21}{43}$	$\Phi_{172}^2\ \Phi_{86}^2\ \Phi_{43}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
10119	396	597	$\frac{5}{199}$	$\frac{34}{199}$	$\frac{1}{3}$	$\frac{97}{199}$	Φ_{597}
10120	396	140	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{17}{35}$	$\Phi_{140}^5\ \Phi_{35}\ \Phi_{28}^5\ \Phi_{20}^6\ \Phi_7\ \Phi_5\ \Phi_4^6\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
10121	396	105	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{17}{35}$	$\Phi_{105}^5\ \Phi_{35}\ \Phi_{21}^5\ \Phi_{15}^6\ \Phi_7\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
10122	396	704	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{31}{64}$	$\Phi_{704}\ \Phi_{64}^2\ \Phi_{11}\ \Phi_1^2$
10123	396	1344	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{1344}\ \Phi_{21}$
10124	396	704	$\frac{1}{32}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{31}{64}$	$\Phi_{704}\ \Phi_{64}^2\ \Phi_{11}\ \Phi_1^2$
10125	396	320	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{320}^3\ \Phi_{20}\ \Phi_{10}$
10126	396	395	$\frac{13}{395}$	$\frac{68}{395}$	$\frac{109}{395}$	$\frac{191}{395}$	$\Phi_{395}\ \Phi_{79}\ \Phi_5\ \Phi_1^2$
10127	396	532	$\frac{5}{133}$	$\frac{23}{133}$	$\frac{1}{4}$	$\frac{64}{133}$	$\Phi_{532}\ \Phi_{266}\ \Phi_{76}\ \Phi_{38}\ \Phi_{28}\ \Phi_{14}$
10128	396	190	$\frac{4}{95}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{91}{190}$	$\Phi_{190}^4\ \Phi_{38}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
10129	396	357	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{10}{21}$	$\Phi_{357}\ \Phi_{119}\ \Phi_{51}\ \Phi_{21}^2\ \Phi_{17}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
10130	396	210	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_2^2$
10131	396	357	$\frac{1}{21}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{10}{21}$	$\Phi_{357}\ \Phi_{119}\ \Phi_{51}\ \Phi_{21}^2\ \Phi_{17}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
10132	396	84	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{84}^6\ \Phi_{42}^6\ \Phi_{28}^7\ \Phi_{14}^7\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_2^6$
10133	396	395	$\frac{19}{395}$	$\frac{23}{395}$	$\frac{186}{395}$	$\frac{188}{395}$	$\Phi_{395}\ \Phi_{79}\ \Phi_5\ \Phi_1^2$
10134	396	40	$\frac{1}{20}$	$\frac{7}{40}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{40}^8\ \Phi_{20}^{12}\ \Phi_{10}^{12}\ \Phi_8^8\ \Phi_5^{11}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
10135	396	76	$\frac{1}{19}$	$\frac{5}{38}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{76}^7\ \Phi_{38}^3\ \Phi_{19}^4\ \Phi_4^6\ \Phi_2^2\ \Phi_1^4$
10136	396	125	$\frac{7}{125}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{59}{125}$	$\Phi_{125}^3\ \Phi_{25}^4\ \Phi_5^3\ \Phi_1^4$
10137	396	204	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
10138	396	238	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{8}{17}$	$\Phi_{238}^2\ \Phi_{119}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
10139	396	79	$\frac{5}{79}$	$\frac{7}{79}$	$\frac{24}{79}$	$\frac{37}{79}$	$\Phi_{79}^5\ \Phi_1^6$
10140	396	79	$\frac{5}{79}$	$\frac{13}{79}$	$\frac{14}{79}$	$\frac{37}{79}$	$\Phi_{79}^5\ \Phi_1^6$
10141	396	30	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{30}^{15}\ \Phi_{15}^{12}\ \Phi_{10}^{14}\ \Phi_6^{15}\ \Phi_5^{11}\ \Phi_3^{12}\ \Phi_2^{14}\ \Phi_1^{12}$
10142	396	469	$\frac{5}{67}$	$\frac{1}{7}$	$\frac{12}{67}$	$\frac{31}{67}$	Φ_{469}
10143	396	395	$\frac{31}{395}$	$\frac{54}{395}$	$\frac{71}{395}$	$\frac{182}{395}$	$\Phi_{395}\ \Phi_{79}\ \Phi_5\ \Phi_1^2$
10144	396	444	$\frac{3}{37}$	$\frac{1}{12}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}$
10145	396	532	$\frac{11}{133}$	$\frac{12}{133}$	$\frac{1}{4}$	$\frac{61}{133}$	$\Phi_{532}\ \Phi_{266}\ \Phi_{76}\ \Phi_{38}\ \Phi_{28}\ \Phi_{14}$
10146	396	395	$\frac{32}{395}$	$\frac{33}{395}$	$\frac{107}{395}$	$\frac{181}{395}$	$\Phi_{395}\ \Phi_{79}\ \Phi_5\ \Phi_1^2$
10147	396	597	$\frac{12}{199}$	$\frac{17}{199}$	$\frac{1}{3}$	$\frac{91}{199}$	Φ_{597}
10148	396	176	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{5}{16}$	$\frac{5}{11}$	$\Phi_{176}^2\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{16}^4\ \Phi_{11}^3\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
10149	396	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{132}^3\ \Phi_{66}^3\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{12}^6\ \Phi_{11}^3\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
10150	396	440	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{5}{11}$	$\Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
10151	396	1140	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1140}\ \Phi_{228}\ \Phi_{57}$
10152	396	140	$\frac{2}{35}$	$\frac{1}{10}$	$\frac{11}{35}$	$\frac{9}{20}$	$\Phi_{140}^5\ \Phi_{35}\ \Phi_{28}^5\ \Phi_{20}^6\ \Phi_7\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
10153	396	260	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{260}\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{26}^3\ \Phi_{13}^2$
10154	396	140	$\frac{3}{35}$	$\frac{1}{10}$	$\frac{8}{35}$	$\frac{9}{20}$	$\Phi_{140}^5\ \Phi_{35}\ \Phi_{28}^5\ \Phi_{20}^6\ \Phi_7\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
10155	396	20	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{20}^{36}\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^{36}\ \Phi_2^4\ \Phi_1^4$
10156	396	140	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{140}^5\ \Phi_{28}^5\ \Phi_{20}^6\ \Phi_7^5\ \Phi_4^6\ \Phi_1^6$
10157	396	395	$\frac{26}{395}$	$\frac{41}{395}$	$\frac{109}{395}$	$\frac{177}{395}$	$\Phi_{395}\ \Phi_{79}\ \Phi_5\ \Phi_1^2$
10158	396	597	$\frac{10}{199}$	$\frac{21}{199}$	$\frac{1}{3}$	$\frac{89}{199}$	Φ_{597}
10159	396	270	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
10160	396	79	$\frac{4}{79}$	$\frac{9}{79}$	$\frac{25}{79}$	$\frac{35}{79}$	$\Phi_{79}^5\ \Phi_1^6$
10161	396	1104	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1104}\ \Phi_{69}$
10162	396	688	$\frac{3}{43}$	$\frac{1}{8}$	$\frac{10}{43}$	$\frac{7}{16}$	$\Phi_{688}\ \Phi_{43}\ \Phi_{16}^2\ \Phi_1^2$
10163	396	240	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{240}^4\ \Phi_{80}^3\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
10164	396	175	$\frac{2}{25}$	$\frac{23}{175}$	$\frac{1}{5}$	$\frac{76}{175}$	$\Phi_{175}^2\ \Phi_{35}^2\ \Phi_{25}^4\ \Phi_7^2\ \Phi_5^3\ \Phi_1^4$
10165	396	444	$\frac{1}{12}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}$
10166	396	140	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{140}^4\ \Phi_{70}^4\ \Phi_{28}^3\ \Phi_{20}^4\ \Phi_{14}^3\ \Phi_{10}^4\ \Phi_4^2\ \Phi_2^2$
10167	396	395	$\frac{29}{395}$	$\frac{61}{395}$	$\frac{76}{395}$	$\frac{167}{395}$	$\Phi_{395}\ \Phi_{79}\ \Phi_5\ \Phi_1^2$
10168	396	76	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{1}{4}$	$\frac{8}{19}$	$\Phi_{76}^7\ \Phi_{38}^7\ \Phi_4^6\ \Phi_2^6$
10169	396	510	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{30}\ \Phi_6^2$
10170	396	65	$\frac{2}{65}$	$\frac{1}{5}$	$\frac{21}{65}$	$\frac{2}{5}$	$\Phi_{65}^6\ \Phi_{13}^6\ \Phi_5^7\ \Phi_1^8$
10171	396	460	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{460}\ \Phi_{230}\ \Phi_{92}^2\ \Phi_{46}^2$
10172	396	130	$\frac{3}{65}$	$\frac{1}{5}$	$\frac{31}{130}$	$\frac{2}{5}$	$\Phi_{130}^4\ \Phi_{65}^2\ \Phi_{26}^4\ \Phi_{13}^2\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
10173	396	35	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{35}^{12}\ \Phi_7^{12}\ \Phi_5^7\ \Phi_1^8$
10174	396	65	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{65}^5\ \Phi_{13}^{10}\ \Phi_5^6\ \Phi_1^{12}$
10175	396	420	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2$
10176	396	50	$\frac{1}{10}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{50}^{10}\ \Phi_{25}^8\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
10177	396	666	$\frac{1}{37}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{666}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
10178	396	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{90}^5\ \Phi_{45}^5\ \Phi_{30}^5\ \Phi_{18}\ \Phi_{15}^5\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6\ \Phi_5^4\ \Phi_3^4\ \Phi_1^4$
10179	396	395	$\frac{11}{395}$	$\frac{89}{395}$	$\frac{128}{395}$	$\frac{153}{395}$	$\Phi_{395}\ \Phi_{79}\ \Phi_5\ \Phi_1^2$
10180	396	442	$\frac{1}{34}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{442}\ \Phi_{221}\ \Phi_{26}$
10181	396	160	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{19}{80}$	$\frac{61}{160}$	$\Phi_{160}^4\ \Phi_{32}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
10182	396	592	$\frac{1}{37}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{592}\ \Phi_{148}\ \Phi_{74}$
10183	396	520	$\frac{5}{104}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{20}\ \Phi_{10}$
10184	396	158	$\frac{3}{79}$	$\frac{19}{79}$	$\frac{20}{79}$	$\frac{59}{158}$	$\Phi_{158}^4\ \Phi_{79}\ \Phi_2^4\ \Phi_1^2$
10185	396	437	$\frac{1}{23}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	Φ_{437}
10186	396	395	$\frac{23}{395}$	$\frac{62}{395}$	$\frac{111}{395}$	$\frac{142}{395}$	$\Phi_{395}\ \Phi_{79}\ \Phi_5\ \Phi_1^2$
10187	396	444	$\frac{1}{12}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}$
10188	396	395	$\frac{32}{395}$	$\frac{43}{395}$	$\frac{121}{395}$	$\frac{137}{395}$	$\Phi_{395}\ \Phi_{79}\ \Phi_5\ \Phi_1^2$
10189	396	469	$\frac{4}{67}$	$\frac{1}{7}$	$\frac{21}{67}$	$\frac{23}{67}$	Φ_{469}
10190	396	79	$\frac{4}{79}$	$\frac{13}{79}$	$\frac{25}{79}$	$\frac{27}{79}$	$\Phi_{79}^5\ \Phi_1^6$
10191	396	50	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{8}{25}$	$\frac{17}{50}$	$\Phi_{50}^{12}\ \Phi_{25}^4\ \Phi_{10}^{12}\ \Phi_5^3\ \Phi_2^{12}\ \Phi_1^4$
10192	396	395	$\frac{14}{395}$	$\frac{87}{395}$	$\frac{127}{395}$	$\frac{134}{395}$	$\Phi_{395}\ \Phi_{79}\ \Phi_5\ \Phi_1^2$
10193	396	532	$\frac{4}{133}$	$\frac{1}{4}$	$\frac{43}{133}$	$\frac{45}{133}$	$\Phi_{532}\ \Phi_{266}\ \Phi_{76}\ \Phi_{38}\ \Phi_{28}\ \Phi_{14}$
10194	396	395	$\frac{8}{395}$	$\frac{129}{395}$	$\frac{131}{395}$	$\frac{133}{395}$	$\Phi_{395}\ \Phi_{79}\ \Phi_5\ \Phi_1^2$
10195	396	597	$\frac{4}{199}$	$\frac{65}{199}$	$\frac{1}{3}$	$\frac{67}{199}$	Φ_{597}
10196	396	147	$\frac{1}{49}$	$\frac{16}{49}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{147}^2\ \Phi_{49}^4\ \Phi_{21}^2\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
10197	396	204	$\frac{1}{34}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{204}^2\ \Phi_{102}\ \Phi_{68}^4\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
10198	396	105	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^3\ \Phi_{35}^6\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_7^4\ \Phi_5^6\ \Phi_3^3\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
10199	396	336	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
10200	396	147	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{147}^2\ \Phi_{49}^4\ \Phi_{21}^2\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
10201	396	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{60}^8\ \Phi_{30}^7\ \Phi_{20}^8\ \Phi_{15}^7\ \Phi_{12}^4\ \Phi_{10}^6\ \Phi_6^3\ \Phi_5^6\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
10202	396	780	$\frac{2}{65}$	$\frac{1}{4}$	$\frac{21}{65}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{156}\ \Phi_{78}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
10203	396	597	$\frac{7}{199}$	$\frac{45}{199}$	$\frac{64}{199}$	$\frac{1}{3}$	Φ_{597}
10204	396	336	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{21}^3$
10205	396	597	$\frac{16}{199}$	$\frac{23}{199}$	$\frac{61}{199}$	$\frac{1}{3}$	Φ_{597}
10206	396	630	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{126}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
10207	396	204	$\frac{1}{12}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
10208	396	597	$\frac{13}{199}$	$\frac{31}{199}$	$\frac{56}{199}$	$\frac{1}{3}$	Φ_{597}
10209	396	285	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{285}\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{19}^2$
10210	396	276	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{276}^2\ \Phi_{138}^2\ \Phi_{69}^3$
10211	396	420	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{84}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
10212	396	156	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^5\ \Phi_{78}^5\ \Phi_{12}^6\ \Phi_6^6$
10213	396	84	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^5\ \Phi_{42}^5\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_7^6$
10214	396	210	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{42}\ \Phi_{30}^4\ \Phi_{21}^2\ \Phi_{15}^4\ \Phi_6^2\ \Phi_3^2$
10215	396	840	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{21}$
10216	396	228	$\frac{1}{19}$	$\frac{13}{57}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{228}^3\ \Phi_{114}^3\ \Phi_{76}\ \Phi_{38}\ \Phi_{12}^3\ \Phi_6^3$
10217	396	105	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{35}$	$\Phi_{105}^5\ \Phi_{35}\ \Phi_{21}^5\ \Phi_{15}^6\ \Phi_7\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
10218	396	176	$\frac{1}{16}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{5}{16}$	$\Phi_{176}^2\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{16}^4\ \Phi_{11}^3\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
10219	396	80	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{80}^6\ \Phi_{40}^6\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_5^6$
10220	396	395	$\frac{26}{395}$	$\frac{68}{395}$	$\frac{109}{395}$	$\frac{123}{395}$	$\Phi_{395}\ \Phi_{79}\ \Phi_5\ \Phi_1^2$
10221	396	100	$\frac{7}{100}$	$\frac{1}{5}$	$\frac{23}{100}$	$\frac{31}{100}$	$\Phi_{100}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
10222	396	395	$\frac{29}{395}$	$\frac{76}{395}$	$\frac{91}{395}$	$\frac{122}{395}$	$\Phi_{395}\ \Phi_{79}\ \Phi_5\ \Phi_1^2$
10223	396	532	$\frac{10}{133}$	$\frac{23}{133}$	$\frac{1}{4}$	$\frac{41}{133}$	$\Phi_{532}\ \Phi_{266}\ \Phi_{76}\ \Phi_{38}\ \Phi_{28}\ \Phi_{14}$
10224	396	252	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{19}{63}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{18}^3\ \Phi_{14}$
10225	396	40	$\frac{1}{10}$	$\frac{7}{40}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{40}^{12}\ \Phi_{20}^{12}\ \Phi_{10}^4\ \Phi_8^{12}\ \Phi_5^3\ \Phi_4^{12}\ \Phi_2^4\ \Phi_1^4$
10226	396	238	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{5}{17}$	$\Phi_{238}^2\ \Phi_{119}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
10227	396	196	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{196}^3\ \Phi_{98}^3\ \Phi_{28}\ \Phi_{14}$
10228	396	25	$\frac{3}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{25}^{16}\ \Phi_5^{15}\ \Phi_1^{16}$
10229	396	132	$\frac{1}{12}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{132}^3\ \Phi_{66}^3\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{12}^6\ \Phi_{11}^3\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
10230	396	440	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
10231	396	444	$\frac{1}{12}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}$
10232	396	780	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}$
10233	396	105	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{8}{35}$	$\frac{4}{15}$	$\Phi_{105}^5\ \Phi_{35}\ \Phi_{21}^5\ \Phi_{15}^6\ \Phi_7\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
10234	396	30	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{30}^{20}\ \Phi_{15}^{16}\ \Phi_{10}^4\ \Phi_6^{20}\ \Phi_5^3\ \Phi_3^{16}\ \Phi_2^4\ \Phi_1^4$
10235	396	105	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{105}^5\ \Phi_{21}^5\ \Phi_{15}^6\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
10236	396	395	$\frac{27}{395}$	$\frac{92}{395}$	$\frac{98}{395}$	$\frac{101}{395}$	$\Phi_{395}\ \Phi_{79}\ \Phi_5\ \Phi_1^2$
10237	396	532	$\frac{9}{133}$	$\frac{31}{133}$	$\frac{1}{4}$	$\frac{34}{133}$	$\Phi_{532}\ \Phi_{266}\ \Phi_{76}\ \Phi_{38}\ \Phi_{28}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
10238	396	172	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{172}^2\ \Phi_{86}^2\ \Phi_{43}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
10239	396	60	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{60}^9\ \Phi_{30}^9\ \Phi_{20}^7\ \Phi_{15}^9\ \Phi_{10}^7\ \Phi_5^6$
10240	396	640	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{29}{128}$	$\frac{1}{4}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{20}\ \Phi_{10}$
10241	396	28	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{28}^{19}\ \Phi_{14}^7\ \Phi_7^{12}\ \Phi_4^{18}\ \Phi_2^6\ \Phi_1^{12}$
10242	396	76	$\frac{5}{38}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{76}^7\ \Phi_{38}^3\ \Phi_{19}^4\ \Phi_4^6\ \Phi_2^2\ \Phi_1^4$
10243	396	560	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
10244	396	40	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{40}^9\ \Phi_{20}^{10}\ \Phi_{10}^{10}\ \Phi_8^{12}\ \Phi_5^9\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
10245	396	125	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\frac{26}{125}$	$\Phi_{125}^3\ \Phi_{25}^4\ \Phi_5^3\ \Phi_1^4$
10246	397	784	$\frac{5}{392}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{387}{784}$	$\Phi_{784}\ \Phi_{112}\ \Phi_{16}\ \Phi_8\ \Phi_1$
10247	397	704	$\frac{1}{44}$	$\frac{45}{352}$	$\frac{307}{704}$	$\frac{43}{88}$	$\Phi_{704}\ \Phi_{88}\ \Phi_{64}\ \Phi_8\ \Phi_1$
10248	397	528	$\frac{1}{44}$	$\frac{131}{528}$	$\frac{45}{176}$	$\frac{43}{88}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
10249	397	720	$\frac{1}{36}$	$\frac{37}{360}$	$\frac{323}{720}$	$\frac{35}{72}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
10250	397	768	$\frac{13}{384}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{371}{768}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{24}\ \Phi_8\ \Phi_1$
10251	397	768	$\frac{13}{384}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{371}{768}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{16}\ \Phi_8\ \Phi_1$
10252	397	456	$\frac{2}{57}$	$\frac{59}{456}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{76}\ \Phi_{57}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
10253	397	480	$\frac{3}{80}$	$\frac{83}{480}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
10254	397	760	$\frac{17}{380}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{363}{760}$	$\Phi_{760}\ \Phi_{152}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
10255	397	756	$\frac{19}{378}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{359}{756}$	$\Phi_{756}\ \Phi_{252}\ \Phi_{108}\ \Phi_{84}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
10256	397	756	$\frac{19}{378}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{359}{756}$	$\Phi_{756}\ \Phi_{252}\ \Phi_{108}\ \Phi_{84}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
10257	397	540	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{143}{540}$	$\frac{127}{270}$	$\Phi_{540}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
10258	397	576	$\frac{13}{192}$	$\frac{1}{12}$	$\frac{179}{576}$	$\frac{11}{24}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
10259	397	432	$\frac{35}{432}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
10260	397	480	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{83}{480}$	$\frac{11}{24}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
10261	397	420	$\frac{23}{420}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
10262	397	486	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{89}{486}$	$\frac{73}{162}$	$\Phi_{486}\ \Phi_{243}\ \Phi_{81}\ \Phi_{27}\ \Phi_1$
10263	397	720	$\frac{3}{40}$	$\frac{37}{360}$	$\frac{1}{4}$	$\frac{323}{720}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
10264	397	720	$\frac{37}{360}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{323}{720}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{16}\ \Phi_{15}\ \Phi_5\ \Phi_1$
10265	397	684	$\frac{2}{57}$	$\frac{55}{342}$	$\frac{1}{3}$	$\frac{287}{684}$	$\Phi_{684}\ \Phi_{228}\ \Phi_{76}\ \Phi_{57}\ \Phi_{36}\ \Phi_{19}\ \Phi_{12}\ \Phi_4\ \Phi_1$
10266	397	450	$\frac{1}{9}$	$\frac{53}{450}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_1$
10267	397	416	$\frac{19}{416}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_1$
10268	397	648	$\frac{1}{36}$	$\frac{73}{324}$	$\frac{35}{108}$	$\frac{251}{648}$	$\Phi_{648}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
10269	397	648	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{324}$	$\frac{251}{648}$	$\Phi_{648}\ \Phi_{216}\ \Phi_{81}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
10270	397	640	$\frac{3}{80}$	$\frac{77}{320}$	$\frac{1}{4}$	$\frac{243}{640}$	$\Phi_{640}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
10271	397	576	$\frac{1}{36}$	$\frac{35}{144}$	$\frac{179}{576}$	$\frac{109}{288}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
10272	397	448	$\frac{5}{56}$	$\frac{51}{448}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
10273	397	432	$\frac{35}{432}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
10274	397	600	$\frac{3}{100}$	$\frac{1}{4}$	$\frac{97}{300}$	$\frac{203}{600}$	$\Phi_{600}\ \Phi_{200}\ \Phi_{120}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
10275	397	513	$\frac{2}{57}$	$\frac{116}{513}$	$\frac{55}{171}$	$\frac{1}{3}$	$\Phi_{513}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_1$
10276	397	441	$\frac{2}{21}$	$\frac{44}{441}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{441}\ \Phi_{147}\ \Phi_{49}\ \Phi_{21}\ \Phi_7\ \Phi_1$
10277	397	567	$\frac{2}{21}$	$\frac{19}{189}$	$\frac{170}{567}$	$\frac{1}{3}$	$\Phi_{567}\ \Phi_{81}\ \Phi_{21}\ \Phi_7\ \Phi_1$
10278	397	504	$\frac{2}{21}$	$\frac{19}{126}$	$\frac{107}{504}$	$\frac{1}{3}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
10279	397	576	$\frac{13}{192}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{179}{576}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
10280	397	480	$\frac{3}{40}$	$\frac{83}{480}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
10281	397	567	$\frac{19}{189}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{170}{567}$	$\Phi_{567}\ \Phi_{81}\ \Phi_{27}\ \Phi_1$
10282	397	432	$\frac{35}{432}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
10283	397	540	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{180}$	$\frac{143}{540}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_5\ \Phi_1$
10284	397	512	$\frac{13}{128}$	$\frac{3}{16}$	$\frac{115}{512}$	$\frac{1}{4}$	$\Phi_{512}\ \Phi_{256}\ \Phi_{16}\ \Phi_8\ \Phi_1$
10285	397	448	$\frac{51}{448}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
10286	397	480	$\frac{13}{96}$	$\frac{83}{480}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
10287	398	1176	$\frac{3}{196}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{193}{392}$	$\Phi_{1176}\ \Phi_{168}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
10288	398	390	$\frac{4}{195}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{191}{390}$	$\Phi_{390}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
10289	398	240	$\frac{1}{40}$	$\frac{41}{240}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{240}\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10290	398	384	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{185}{384}$	$\Phi_{384}^2\ \Phi_{128}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
10291	398	1140	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{181}{380}$	$\Phi_{1140}\ \Phi_{228}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
10292	398	360	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{1}{3}$	$\frac{161}{360}$	$\Phi_{360}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_8^2\ \Phi_6$
10293	398	624	$\frac{9}{208}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
10294	398	1050	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{1}{3}$	$\frac{151}{350}$	$\Phi_{1050}\ \Phi_{210}\ \Phi_{150}\ \Phi_{75}\ \Phi_{42}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
10295	398	960	$\frac{1}{40}$	$\frac{39}{160}$	$\frac{1}{3}$	$\frac{121}{320}$	$\Phi_{960}\ \Phi_{192}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
10296	398	300	$\frac{1}{50}$	$\frac{49}{150}$	$\frac{1}{3}$	$\frac{101}{300}$	$\Phi_{300}^2\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
10297	398	240	$\frac{1}{20}$	$\frac{41}{240}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_8^2\ \Phi_6$
10298	398	288	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{288}$	$\frac{1}{3}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
10299	398	216	$\frac{17}{216}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
10300	398	210	$\frac{11}{210}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_2^2$
10301	398	672	$\frac{3}{28}$	$\frac{25}{224}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
10302	398	780	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{61}{260}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{156}\ \Phi_{78}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
10303	398	768	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{256}$	$\frac{1}{3}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
10304	398	672	$\frac{25}{224}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
10305	398	240	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{240}$	$\frac{1}{3}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
10306	399	336	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{55}{112}$	$\Phi_{336}^2\ \Phi_{112}^3\ \Phi_{48}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
10307	399	1008	$\frac{1}{56}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{55}{112}$	$\Phi_{1008}\ \Phi_{144}\ \Phi_{112}\ \Phi_{16}\ \Phi_9\ \Phi_1$
10308	399	360	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{19}{40}$	$\Phi_{360}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{40}^3\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
10309	399	840	$\frac{1}{20}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{56}\ \Phi_{40}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$
10310	399	1080	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{40}$	$\Phi_{1080}\ \Phi_{216}\ \Phi_{40}\ \Phi_{27}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
10311	399	120	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{40}$	$\Phi_{120}^2\ \Phi_{60}^4\ \Phi_{40}^3\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
10312	399	180	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{17}{36}$	$\Phi_{180}^4\ \Phi_{60}^4\ \Phi_{36}^5\ \Phi_{20}^4\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
10313	399	72	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{72}^6\ \Phi_{36}^5\ \Phi_{24}^6\ \Phi_{18}^4\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^9\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
10314	399	900	$\frac{1}{18}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{100}\ \Phi_{36}\ \Phi_{25}\ \Phi_{12}\ \Phi_4\ \Phi_1$
10315	399	84	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{9}{28}$	$\frac{5}{12}$	$\Phi_{84}^4\ \Phi_{42}^4\ \Phi_{28}^6\ \Phi_{21}^4\ \Phi_{14}^6\ \Phi_{12}^5\ \Phi_7^6\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
10316	399	60	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{60}^6\ \Phi_{30}^6\ \Phi_{20}^9\ \Phi_{15}^6\ \Phi_{12}^5\ \Phi_{10}^9\ \Phi_6^4\ \Phi_5^9\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
10317	399	420	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{70}$	$\frac{5}{12}$	$\Phi_{420}^2\ \Phi_{140}^2\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{35}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
10318	399	84	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{84}^8\ \Phi_{28}^8\ \Phi_{21}^3\ \Phi_{12}^9\ \Phi_7^2\ \Phi_4^9\ \Phi_3^3\ \Phi_1^3$
10319	399	192	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}^3\ \Phi_{48}^2\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
10320	399	352	$\frac{1}{22}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{352}^2\ \Phi_{44}^2\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_4\ \Phi_1$
10321	399	264	$\frac{1}{22}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
10322	399	330	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{330}\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$
10323	399	199	$\frac{4}{199}$	$\frac{65}{199}$	$\frac{66}{199}$	$\frac{67}{199}$	$\Phi_{199}^2\ \Phi_1^3$
10324	399	252	$\frac{1}{28}$	$\frac{2}{9}$	$\frac{9}{28}$	$\frac{1}{3}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
10325	399	210	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
10326	399	180	$\frac{1}{20}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{10}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
10327	399	168	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^3\ \Phi_{84}^2\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
10328	399	630	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{35}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
10329	399	63	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{63}^8\ \Phi_{21}^3\ \Phi_9^9\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
10330	399	576	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_9\ \Phi_1$
10331	399	525	$\frac{2}{21}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{525}\ \Phi_{175}\ \Phi_{25}\ \Phi_{21}\ \Phi_7\ \Phi_1$
10332	399	270	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{3}{10}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{54}^2\ \Phi_{27}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
10333	399	120	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{3}{10}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{24}^5\ \Phi_{20}^4\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_8^5\ \Phi_5^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
10334	399	216	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{216}^3\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
10335	399	675	$\frac{1}{9}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{675}\ \Phi_{27}\ \Phi_{25}\ \Phi_1$
10336	399	24	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{24}^{15}\ \Phi_{12}^{17}\ \Phi_8^{18}\ \Phi_6^{16}\ \Phi_4^{19}\ \Phi_3^{16}\ \Phi_2^{18}\ \Phi_1^{19}$
10337	399	600	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{100}\ \Phi_{25}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
10338	400	99	$\frac{1}{99}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{49}{99}$	$\Phi_{99}^4\ \Phi_{33}^4\ \Phi_{11}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
10339	400	399	$\frac{5}{399}$	$\frac{101}{399}$	$\frac{149}{399}$	$\frac{197}{399}$	$\Phi_{399}\ \Phi_{133}\ \Phi_{57}\ \Phi_{21}\ \Phi_{19}\ \Phi_7\ \Phi_3\ \Phi_1^2$
10340	400	632	$\frac{1}{79}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{39}{79}$	$\Phi_{632}\ \Phi_{79}\ \Phi_8^2\ \Phi_1^2$
10341	400	201	$\frac{1}{67}$	$\frac{17}{67}$	$\frac{1}{3}$	$\frac{33}{67}$	$\Phi_{201}^3\ \Phi_3^2$
10342	400	171	$\frac{1}{57}$	$\frac{29}{171}$	$\frac{71}{171}$	$\frac{28}{57}$	$\Phi_{171}^2\ \Phi_{57}^3\ \Phi_{19}^3\ \Phi_9^2\ \Phi_3^3\ \Phi_1^4$
10343	400	49	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{24}{49}$	$\Phi_{49}^8\ \Phi_7^9\ \Phi_1^{10}$
10344	400	735	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{735}\ \Phi_{105}\ \Phi_{15}^2$
10345	400	133	$\frac{3}{133}$	$\frac{17}{133}$	$\frac{58}{133}$	$\frac{65}{133}$	$\Phi_{133}^3\ \Phi_{19}^3\ \Phi_7^3\ \Phi_1^4$
10346	400	117	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{19}{39}$	$\Phi_{117}^3\ \Phi_{39}^4\ \Phi_{13}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
10347	400	78	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{78}^6\ \Phi_{39}^4\ \Phi_{26}^6\ \Phi_{13}^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
10348	400	399	$\frac{11}{399}$	$\frac{41}{399}$	$\frac{179}{399}$	$\frac{194}{399}$	$\Phi_{399}\ \Phi_{133}\ \Phi_{57}\ \Phi_{21}\ \Phi_{19}\ \Phi_7\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
10349	400	505	$\frac{3}{101}$	$\frac{1}{5}$	$\frac{26}{101}$	$\frac{49}{101}$	Φ_{505}
10350	400	399	$\frac{13}{399}$	$\frac{74}{399}$	$\frac{103}{399}$	$\frac{193}{399}$	$\Phi_{399}\ \Phi_{133}\ \Phi_{57}\ \Phi_{21}\ \Phi_{19}\ \Phi_7\ \Phi_3\ \Phi_1^2$
10351	400	201	$\frac{7}{201}$	$\frac{26}{201}$	$\frac{1}{3}$	$\frac{97}{201}$	$\Phi_{201}^2\ \Phi_{67}^2\ \Phi_3\ \Phi_1^2$
10352	400	54	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{54}^9\ \Phi_{27}^6\ \Phi_{18}^9\ \Phi_9^6\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
10353	400	77	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{37}{77}$	$\Phi_{77}^5\ \Phi_{11}^5\ \Phi_7^7\ \Phi_1^8$
10354	400	240	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{23}{48}$	$\Phi_{240}^3\ \Phi_{80}^3\ \Phi_{48}^4\ \Phi_{16}^4\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
10355	400	144	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{144}^6\ \Phi_{48}^4\ \Phi_{16}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
10356	400	240	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{240}^3\ \Phi_{80}^3\ \Phi_{48}^4\ \Phi_{16}^4\ \Phi_5^3\ \Phi_1^4$
10357	400	399	$\frac{17}{399}$	$\frac{59}{399}$	$\frac{104}{399}$	$\frac{191}{399}$	$\Phi_{399}\ \Phi_{133}\ \Phi_{57}\ \Phi_{21}\ \Phi_{19}\ \Phi_7\ \Phi_3\ \Phi_1^2$
10358	400	201	$\frac{3}{67}$	$\frac{7}{67}$	$\frac{1}{3}$	$\frac{32}{67}$	$\Phi_{201}^3\ \Phi_3^2$
10359	400	189	$\frac{1}{21}$	$\frac{11}{189}$	$\frac{89}{189}$	$\frac{10}{21}$	$\Phi_{189}^2\ \Phi_{63}^2\ \Phi_{27}^2\ \Phi_{21}^3\ \Phi_9^2\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
10360	400	63	$\frac{1}{21}$	$\frac{11}{63}$	$\frac{13}{63}$	$\frac{10}{21}$	$\Phi_{63}^6\ \Phi_{21}^7\ \Phi_9^6\ \Phi_7^7\ \Phi_3^7\ \Phi_1^8$
10361	400	19	$\frac{1}{19}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{9}{19}$	$\Phi_{19}^{21}\ \Phi_1^{22}$
10362	400	627	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{627}\ \Phi_{33}^2$
10363	400	57	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{17}{57}$	$\frac{9}{19}$	$\Phi_{57}^{10}\ \Phi_{19}\ \Phi_3^{10}\ \Phi_1^2$
10364	400	57	$\frac{1}{19}$	$\frac{7}{57}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{57}^8\ \Phi_{19}^5\ \Phi_3^8\ \Phi_1^6$
10365	400	19	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{9}{19}$	$\Phi_{19}^{21}\ \Phi_1^{22}$
10366	400	570	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
10367	400	306	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{306}^2\ \Phi_{153}\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{18}^2\ \Phi_6^2$
10368	400	135	$\frac{1}{15}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{135}^3\ \Phi_{45}^3\ \Phi_{27}^4\ \Phi_{15}\ \Phi_9^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
10369	400	180	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{7}{15}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{45}^3\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_9^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
10370	400	420	$\frac{1}{15}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
10371	400	480	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{7}{15}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
10372	400	30	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{30}^{12}\ \Phi_{15}^{13}\ \Phi_{10}^{12}\ \Phi_6^{16}\ \Phi_5^{13}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
10373	400	451	$\frac{3}{41}$	$\frac{1}{11}$	$\frac{11}{41}$	$\frac{19}{41}$	Φ_{451}
10374	400	399	$\frac{31}{399}$	$\frac{43}{399}$	$\frac{89}{399}$	$\frac{184}{399}$	$\Phi_{399}\ \Phi_{133}\ \Phi_{57}\ \Phi_{21}\ \Phi_{19}\ \Phi_7\ \Phi_3\ \Phi_1^2$
10375	400	133	$\frac{11}{133}$	$\frac{18}{133}$	$\frac{23}{133}$	$\frac{61}{133}$	$\Phi_{133}^3\ \Phi_{19}^3\ \Phi_7^3\ \Phi_1^4$
10376	400	162	$\frac{7}{81}$	$\frac{11}{81}$	$\frac{1}{6}$	$\frac{37}{81}$	$\Phi_{162}^3\ \Phi_{81}^2\ \Phi_{54}^3\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10377	400	505	$\frac{9}{101}$	$\frac{11}{101}$	$\frac{1}{5}$	$\frac{46}{101}$	Φ_{505}
10378	400	399	$\frac{29}{399}$	$\frac{37}{399}$	$\frac{109}{399}$	$\frac{181}{399}$	$\Phi_{399}\ \Phi_{133}\ \Phi_{57}\ \Phi_{21}\ \Phi_{19}\ \Phi_7\ \Phi_3\ \Phi_1^2$
10379	400	201	$\frac{11}{201}$	$\frac{19}{201}$	$\frac{1}{3}$	$\frac{91}{201}$	$\Phi_{201}^2\ \Phi_{67}^2\ \Phi_3\ \Phi_1^2$
10380	400	399	$\frac{41}{399}$	$\frac{44}{399}$	$\frac{71}{399}$	$\frac{179}{399}$	$\Phi_{399}\ \Phi_{133}\ \Phi_{57}\ \Phi_{21}\ \Phi_{19}\ \Phi_7\ \Phi_3\ \Phi_1^2$
10381	400	63	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{63}^6\ \Phi_{21}^8\ \Phi_9^4\ \Phi_7^8\ \Phi_3^5\ \Phi_1^6$
10382	400	117	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{3}{13}$	$\frac{4}{9}$	$\Phi_{117}^3\ \Phi_{39}^3\ \Phi_{13}^6\ \Phi_9^4\ \Phi_3^4\ \Phi_1^8$
10383	400	495	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{55}^2$
10384	400	117	$\frac{4}{39}$	$\frac{1}{9}$	$\frac{7}{39}$	$\frac{4}{9}$	$\Phi_{117}^3\ \Phi_{39}^4\ \Phi_{13}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
10385	400	18	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{18}^{27}\ \Phi_9^{18}\ \Phi_6^{26}\ \Phi_3^{17}\ \Phi_2^{26}\ \Phi_1^{18}$
10386	400	546	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{546}\ \Phi_{273}\ \Phi_{78}^2\ \Phi_{42}\ \Phi_{39}^2\ \Phi_6^2$
10387	400	147	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{47}{147}$	$\frac{3}{7}$	$\Phi_{147}^4\ \Phi_{21}^4\ \Phi_7\ \Phi_3^4\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
10388	400	21	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{21}^{20}\ \Phi_{7}^{17}\ \Phi_{3}^{20}\ \Phi_{1}^{18}$
10389	400	49	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{9}{49}$	$\frac{3}{7}$	$\Phi_{49}^{8}\ \Phi_{7}^{9}\ \Phi_{1}^{10}$
10390	400	462	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{2}$
10391	400	28	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{28}^{16}\ \Phi_{14}^{16}\ \Phi_{7}^{9}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{10}$
10392	400	399	$\frac{23}{399}$	$\frac{61}{399}$	$\frac{94}{399}$	$\frac{169}{399}$	$\Phi_{399}\ \Phi_{133}\ \Phi_{57}\ \Phi_{21}\ \Phi_{19}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
10393	400	399	$\frac{29}{399}$	$\frac{65}{399}$	$\frac{74}{399}$	$\frac{167}{399}$	$\Phi_{399}\ \Phi_{133}\ \Phi_{57}\ \Phi_{21}\ \Phi_{19}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
10394	400	451	$\frac{1}{11}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	Φ_{451}
10395	400	442	$\frac{1}{26}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{442}\ \Phi_{221}\ \Phi_{34}$
10396	400	153	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{153}^{3}\ \Phi_{51}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{2}$
10397	400	399	$\frac{44}{399}$	$\frac{47}{399}$	$\frac{71}{399}$	$\frac{164}{399}$	$\Phi_{399}\ \Phi_{133}\ \Phi_{57}\ \Phi_{21}\ \Phi_{19}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
10398	400	399	$\frac{34}{399}$	$\frac{59}{399}$	$\frac{73}{399}$	$\frac{163}{399}$	$\Phi_{399}\ \Phi_{133}\ \Phi_{57}\ \Phi_{21}\ \Phi_{19}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
10399	400	54	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{54}^{9}\ \Phi_{27}^{6}\ \Phi_{18}^{9}\ \Phi_{9}^{6}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
10400	400	505	$\frac{6}{101}$	$\frac{19}{101}$	$\frac{1}{5}$	$\frac{41}{101}$	Φ_{505}
10401	400	42	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{5}{21}$	$\frac{17}{42}$	$\Phi_{42}^{16}\ \Phi_{21}^{3}\ \Phi_{14}^{16}\ \Phi_{7}^{3}\ \Phi_{6}^{16}\ \Phi_{3}^{3}\ \Phi_{2}^{16}\ \Phi_{1}^{4}$
10402	400	57	$\frac{2}{57}$	$\frac{11}{57}$	$\frac{17}{57}$	$\frac{23}{57}$	$\Phi_{57}^{7}\ \Phi_{19}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
10403	400	201	$\frac{2}{67}$	$\frac{13}{67}$	$\frac{1}{3}$	$\frac{27}{67}$	$\Phi_{201}^{3}\ \Phi_{3}^{2}$
10404	400	133	$\frac{8}{133}$	$\frac{25}{133}$	$\frac{27}{133}$	$\frac{53}{133}$	$\Phi_{133}^{3}\ \Phi_{19}^{3}\ \Phi_{7}^{3}\ \Phi_{1}^{4}$
10405	400	451	$\frac{1}{11}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	Φ_{451}
10406	400	57	$\frac{5}{57}$	$\frac{7}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{57}^{7}\ \Phi_{19}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
10407	400	162	$\frac{5}{81}$	$\frac{1}{6}$	$\frac{19}{81}$	$\frac{31}{81}$	$\Phi_{162}^{3}\ \Phi_{81}^{2}\ \Phi_{54}^{3}\ \Phi_{27}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
10408	400	63	$\frac{1}{21}$	$\frac{13}{63}$	$\frac{5}{21}$	$\frac{8}{21}$	$\Phi_{63}^{8}\ \Phi_{21}^{3}\ \Phi_{9}^{8}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
10409	400	399	$\frac{11}{399}$	$\frac{97}{399}$	$\frac{124}{399}$	$\frac{151}{399}$	$\Phi_{399}\ \Phi_{133}\ \Phi_{57}\ \Phi_{21}\ \Phi_{19}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
10410	400	201	$\frac{5}{201}$	$\frac{49}{201}$	$\frac{1}{3}$	$\frac{76}{201}$	$\Phi_{201}^{2}\ \Phi_{67}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
10411	400	984	$\frac{1}{41}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{984}\ \Phi_{123}$
10412	400	632	$\frac{3}{79}$	$\frac{19}{79}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{632}\ \Phi_{79}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
10413	400	840	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{120}\ \Phi_{105}\ \Phi_{35}\ \Phi_{15}$
10414	400	632	$\frac{4}{79}$	$\frac{15}{79}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{632}\ \Phi_{79}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
10415	400	408	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^{2}\ \Phi_{136}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
10416	400	632	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{632}\ \Phi_{79}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
10417	400	792	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{99}\ \Phi_{33}$
10418	400	63	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{17}{63}$	$\frac{23}{63}$	$\Phi_{63}^{5}\ \Phi_{21}^{9}\ \Phi_{9}^{5}\ \Phi_{7}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
10419	400	51	$\frac{1}{51}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{51}^{8}\ \Phi_{17}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
10420	400	297	$\frac{2}{99}$	$\frac{97}{297}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{297}^{2}\ \Phi_{27}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
10421	400	33	$\frac{1}{33}$	$\frac{8}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{33}^{12}\ \Phi_{11}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
10422	400	207	$\frac{7}{207}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{207}^{2}\ \Phi_{69}^{2}\ \Phi_{23}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
10423	400	390	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{390}\ \Phi_{195}\ \Phi_{130}^{2}\ \Phi_{65}^{2}\ \Phi_{30}\ \Phi_{10}^{2}$
10424	400	99	$\frac{4}{99}$	$\frac{19}{99}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{99}^{4}\ \Phi_{33}^{4}\ \Phi_{11}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
10425	400	42	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{42}^{12}\ \Phi_{21}^{8}\ \Phi_{14}^{12}\ \Phi_{7}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
10426	400	231	$\frac{2}{33}$	$\frac{31}{231}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}^{2}\ \Phi_{77}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
10427	400	27	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{27}^{16}\ \Phi_{9}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
10428	400	33	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{33}^{9}\ \Phi_{11}^{18}\ \Phi_{3}^{10}\ \Phi_{1}^{20}$
10429	400	234	$\frac{2}{39}$	$\frac{1}{6}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{234}^{3}\ \Phi_{117}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
10430	400	36	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{36}^{10}\ \Phi_{18}^{10}\ \Phi_{12}^{12}\ \Phi_{9}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
10431	400	135	$\frac{2}{27}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{135}^{3}\ \Phi_{45}^{2}\ \Phi_{27}^{4}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
10432	400	189	$\frac{1}{21}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{189}^{3}\ \Phi_{27}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
10433	400	201	$\frac{3}{67}$	$\frac{16}{67}$	$\frac{17}{67}$	$\frac{1}{3}$	$\Phi_{201}^{3}\ \Phi_{3}^{2}$
10434	400	252	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^{2}\ \Phi_{126}^{2}\ \Phi_{84}\ \Phi_{63}^{2}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{14}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
10435	400	78	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{78}^{6}\ \Phi_{39}^{3}\ \Phi_{26}^{6}\ \Phi_{13}^{6}\ \Phi_{6}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
10436	400	201	$\frac{17}{201}$	$\frac{31}{201}$	$\frac{46}{201}$	$\frac{1}{3}$	$\Phi_{201}^{2}\ \Phi_{67}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
10437	400	288	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{288}^{2}\ \Phi_{144}^{2}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
10438	400	627	$\frac{1}{11}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{627}\ \Phi_{33}^{2}$
10439	400	201	$\frac{16}{201}$	$\frac{37}{201}$	$\frac{41}{201}$	$\frac{1}{3}$	$\Phi_{201}^{2}\ \Phi_{67}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
10440	400	135	$\frac{2}{27}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{135}^{3}\ \Phi_{45}^{3}\ \Phi_{27}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
10441	400	735	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{735}\ \Phi_{105}\ \Phi_{15}^{2}$
10442	400	330	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{330}^{2}\ \Phi_{165}\ \Phi_{110}^{2}\ \Phi_{55}^{2}$
10443	400	420	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{105}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}$
10444	400	78	$\frac{4}{39}$	$\frac{1}{6}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{78}^{6}\ \Phi_{39}^{4}\ \Phi_{26}^{6}\ \Phi_{13}^{4}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
10445	400	201	$\frac{7}{67}$	$\frac{11}{67}$	$\frac{12}{67}$	$\frac{1}{3}$	$\Phi_{201}^{3}\ \Phi_{3}^{2}$
10446	400	18	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{18}^{24}\ \Phi_{9}^{26}\ \Phi_{6}^{16}\ \Phi_{3}^{17}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
10447	400	180	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{180}^{3}\ \Phi_{90}^{3}\ \Phi_{45}^{3}\ \Phi_{36}^{4}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
10448	400	84	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{84}^{7}\ \Phi_{42}^{7}\ \Phi_{28}^{2}\ \Phi_{21}^{4}\ \Phi_{14}^{2}\ \Phi_{12}^{7}\ \Phi_{7}\ \Phi_{6}^{7}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
10449	400	57	$\frac{7}{57}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{57}^{8}\ \Phi_{19}^{5}\ \Phi_{3}^{8}\ \Phi_{1}^{6}$
10450	400	54	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{54}^{12}\ \Phi_{27}^{8}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
10451	400	133	$\frac{9}{133}$	$\frac{31}{133}$	$\frac{33}{133}$	$\frac{34}{133}$	$\Phi_{133}^{3}\ \Phi_{19}^{3}\ \Phi_{7}^{3}\ \Phi_{1}^{4}$
10452	400	140	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^{3}\ \Phi_{70}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{4}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
10453	400	160	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{160}^{3}\ \Phi_{80}^{3}\ \Phi_{32}^{4}\ \Phi_{16}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
10454	400	19	$\frac{3}{19}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{4}{19}$	$\Phi_{19}^{21}\ \Phi_{1}^{22}$
10455	400	570	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
10456	400	162	$\frac{13}{81}$	$\frac{1}{6}$	$\frac{16}{81}$	$\frac{17}{81}$	$\Phi_{162}^{3}\ \Phi_{81}^{2}\ \Phi_{54}^{3}\ \Phi_{27}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
10457	400	399	$\frac{64}{399}$	$\frac{67}{399}$	$\frac{79}{399}$	$\frac{83}{399}$	$\Phi_{399}\ \Phi_{133}\ \Phi_{57}\ \Phi_{21}\ \Phi_{19}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
10458	400	505	$\frac{16}{101}$	$\frac{17}{101}$	$\frac{1}{5}$	$\frac{21}{101}$	Φ_{505}
10459	400	30	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{30}^{12}\ \Phi_{15}^{12}\ \Phi_{10}^{12}\ \Phi_{6}^{16}\ \Phi_{5}^{15}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{20}$
10460	401	640	$\frac{1}{80}$	$\frac{81}{320}$	$\frac{239}{640}$	$\frac{79}{160}$	$\Phi_{640}\ \Phi_{160}\ \Phi_{128}\ \Phi_{32}\ \Phi_{1}$
10461	401	780	$\frac{11}{390}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{379}{780}$	$\Phi_{780}\ \Phi_{260}\ \Phi_{156}\ \Phi_{60}\ \Phi_{52}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
10462	401	540	$\frac{4}{135}$	$\frac{1}{5}$	$\frac{139}{540}$	$\frac{131}{270}$	$\Phi_{540}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
10463	401	768	$\frac{17}{384}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{367}{768}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{32}\ \Phi_{1}$
10464	401	768	$\frac{17}{384}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{367}{768}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
10465	401	544	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{143}{544}$	$\frac{129}{272}$	$\Phi_{544}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
10466	401	576	$\frac{1}{16}$	$\frac{17}{192}$	$\frac{175}{576}$	$\frac{15}{32}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
10467	401	448	$\frac{1}{16}$	$\frac{47}{448}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
10468	401	512	$\frac{1}{16}$	$\frac{17}{128}$	$\frac{111}{512}$	$\frac{15}{32}$	$\Phi_{512}\ \Phi_{256}\ \Phi_{32}\ \Phi_{1}$
10469	401	480	$\frac{1}{16}$	$\frac{79}{480}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
10470	401	450	$\frac{4}{45}$	$\frac{49}{450}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
10471	401	720	$\frac{1}{20}$	$\frac{41}{360}$	$\frac{19}{60}$	$\frac{319}{720}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
10472	401	720	$\frac{4}{45}$	$\frac{41}{360}$	$\frac{1}{5}$	$\frac{319}{720}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{16}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
10473	401	560	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{159}{560}$	$\frac{121}{280}$	$\Phi_{560}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
10474	401	420	$\frac{19}{420}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
10475	401	432	$\frac{31}{432}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
10476	401	480	$\frac{1}{20}$	$\frac{79}{480}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
10477	401	600	$\frac{1}{50}$	$\frac{49}{150}$	$\frac{199}{600}$	$\frac{101}{300}$	$\Phi_{600}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
10478	401	540	$\frac{1}{20}$	$\frac{41}{180}$	$\frac{139}{540}$	$\frac{19}{60}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
10479	401	585	$\frac{11}{195}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{184}{585}$	$\Phi_{585}\ \Phi_{117}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
10480	401	576	$\frac{17}{192}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{175}{576}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
10481	401	480	$\frac{1}{8}$	$\frac{79}{480}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
10482	401	540	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{180}$	$\frac{139}{540}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
10483	402	660	$\frac{1}{66}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{65}{132}$	$\Phi_{660}\ \Phi_{220}\ \Phi_{132}^2\ \Phi_{60}\ \Phi_{44}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
10484	402	132	$\frac{1}{66}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{65}{132}$	$\Phi_{132}^2\ \Phi_{66}^4\ \Phi_{44}^2\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{12}^3\ \Phi_{11}^4\ \Phi_{6}^5\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
10485	402	180	$\frac{1}{45}$	$\frac{1}{4}$	$\frac{23}{90}$	$\frac{22}{45}$	$\Phi_{180}^3\ \Phi_{90}\ \Phi_{60}^3\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{20}^3\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{10}\ \Phi_{9}^2\ \Phi_{6}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
10486	402	260	$\frac{2}{65}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{63}{130}$	$\Phi_{260}^2\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{20}^3\ \Phi_{13}^2\ \Phi_{10}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
10487	402	324	$\frac{1}{27}$	$\frac{14}{81}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
10488	402	896	$\frac{3}{64}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{896}\ \Phi_{28}\ \Phi_{14}$
10489	402	252	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{59}{126}$	$\Phi_{252}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{12}^3\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{6}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
10490	402	300	$\frac{1}{15}$	$\frac{8}{75}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
10491	402	72	$\frac{5}{72}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{72}^6\ \Phi_{36}^5\ \Phi_{24}^6\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_{9}^6\ \Phi_{8}^6\ \Phi_{6}^5\ \Phi_{4}^4\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
10492	402	120	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{4}$	$\frac{53}{120}$	$\Phi_{120}^6\ \Phi_{60}\ \Phi_{40}^6\ \Phi_{30}\ \Phi_{24}^6\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}^6\ \Phi_{6}$
10493	402	345	$\frac{2}{69}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{345}\ \Phi_{115}\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_{5}\ \Phi_{1}^2$
10494	402	495	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{32}{99}$	$\frac{2}{5}$	$\Phi_{495}\ \Phi_{99}^2\ \Phi_{45}\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{1}^2$
10495	402	140	$\frac{3}{70}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{140}^4\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^4\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
10496	402	440	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{21}{88}$	$\frac{2}{5}$	$\Phi_{440}\ \Phi_{220}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
10497	402	360	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
10498	402	385	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{385}\ \Phi_{77}^2\ \Phi_{35}\ \Phi_{7}^2\ \Phi_{5}\ \Phi_{1}^2$
10499	402	108	$\frac{1}{27}$	$\frac{13}{54}$	$\frac{1}{4}$	$\frac{41}{108}$	$\Phi_{108}^3\ \Phi_{54}^5\ \Phi_{36}^3\ \Phi_{27}^4\ \Phi_{18}^5\ \Phi_{12}^3\ \Phi_{9}^4\ \Phi_{6}^5\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
10500	402	504	$\frac{5}{72}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
10501	402	714	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{714}\ \Phi_{238}\ \Phi_{119}\ \Phi_{42}\ \Phi_{14}$
10502	402	276	$\frac{2}{69}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{12}\ \Phi_6$
10503	402	396	$\frac{1}{33}$	$\frac{1}{4}$	$\frac{32}{99}$	$\frac{1}{3}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
10504	402	264	$\frac{1}{22}$	$\frac{21}{88}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{264}^3\ \Phi_{132}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
10505	402	660	$\frac{2}{33}$	$\frac{31}{165}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{110}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
10506	402	72	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{72}^6\ \Phi_{36}^6\ \Phi_{24}^6\ \Phi_{18}^6\ \Phi_{12}^3\ \Phi_9^6\ \Phi_8^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
10507	402	924	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}\ \Phi_6$
10508	402	780	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{61}{195}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{156}\ \Phi_{78}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
10509	402	672	$\frac{3}{32}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
10510	402	756	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{4}$	$\frac{55}{189}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
10511	402	180	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{1}{4}$	$\frac{23}{90}$	$\Phi_{180}^4\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{36}^4\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9^2\ \Phi_6$
10512	402	560	$\frac{1}{7}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
10513	403	540	$\frac{2}{135}$	$\frac{137}{540}$	$\frac{1}{3}$	$\frac{133}{270}$	$\Phi_{540}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
10514	403	792	$\frac{7}{396}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{389}{792}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{88}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
10515	403	792	$\frac{7}{396}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{389}{792}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{88}\ \Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
10516	403	486	$\frac{2}{81}$	$\frac{83}{486}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{486}\ \Phi_{243}\ \Phi_{81}\ \Phi_{27}\ \Phi_9\ \Phi_1$
10517	403	120	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{29}{60}$	$\Phi_{120}^6\ \Phi_{60}\ \Phi_{40}^6\ \Phi_{24}^7\ \Phi_{20}\ \Phi_{12}\ \Phi_8^7\ \Phi_4\ \Phi_1$
10518	403	60	$\frac{1}{30}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{60}^{13}\ \Phi_{20}^{13}\ \Phi_{15}\ \Phi_{12}^{13}\ \Phi_5\ \Phi_4^{13}\ \Phi_1$
10519	403	180	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{29}{60}$	$\Phi_{180}^6\ \Phi_{60}\ \Phi_{36}^6\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
10520	403	240	$\frac{1}{30}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
10521	403	450	$\frac{2}{45}$	$\frac{47}{450}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
10522	403	768	$\frac{19}{384}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{365}{768}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
10523	403	756	$\frac{25}{378}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{353}{756}$	$\Phi_{756}\ \Phi_{252}\ \Phi_{108}\ \Phi_{84}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
10524	403	432	$\frac{29}{432}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
10525	403	264	$\frac{2}{33}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{264}^3\ \Phi_{88}^3\ \Phi_{33}\ \Phi_{24}\ \Phi_{11}\ \Phi_8\ \Phi_1$
10526	403	360	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{14}{45}$	$\frac{11}{24}$	$\Phi_{360}^3\ \Phi_{72}^3\ \Phi_{45}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
10527	403	120	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{11}{24}$	$\Phi_{120}^2\ \Phi_{60}^4\ \Phi_{40}^3\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
10528	403	840	$\frac{1}{12}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{56}\ \Phi_{35}\ \Phi_{24}\ \Phi_8\ \Phi_7\ \Phi_1$
10529	403	72	$\frac{1}{12}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{72}^{12}\ \Phi_{36}\ \Phi_{24}^7\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8^7\ \Phi_4\ \Phi_1$
10530	403	56	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{56}^{13}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_8^{13}\ \Phi_7\ \Phi_4\ \Phi_1$
10531	403	720	$\frac{2}{45}$	$\frac{43}{360}$	$\frac{1}{3}$	$\frac{317}{720}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{16}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
10532	403	420	$\frac{17}{420}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
10533	403	528	$\frac{7}{132}$	$\frac{1}{6}$	$\frac{125}{528}$	$\frac{5}{12}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{88}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
10534	403	432	$\frac{29}{432}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
10535	403	432	$\frac{29}{432}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
10536	403	414	$\frac{11}{414}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{414}\ \Phi_{207}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_9\ \Phi_1$
10537	403	648	$\frac{2}{81}$	$\frac{79}{324}$	$\frac{1}{3}$	$\frac{245}{648}$	$\Phi_{648}\ \Phi_{216}\ \Phi_{81}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
10538	403	336	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{336}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{28}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
10539	403	612	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{97}{306}$	$\frac{209}{612}$	$\Phi_{612}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
10540	403	165	$\frac{2}{33}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}^3\ \Phi_{55}^3\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_5\ \Phi_1$
10541	403	594	$\frac{7}{198}$	$\frac{2}{9}$	$\frac{191}{594}$	$\frac{1}{3}$	$\Phi_{594}\ \Phi_{297}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
10542	403	45	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{45}^{13}\ \Phi_{15}\ \Phi_9^{13}\ \Phi_5\ \Phi_1$
10543	403	567	$\frac{2}{27}$	$\frac{25}{189}$	$\frac{164}{567}$	$\frac{1}{3}$	$\Phi_{567}\ \Phi_{81}\ \Phi_{27}\ \Phi_9\ \Phi_1$
10544	403	198	$\frac{2}{33}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{198}^3\ \Phi_{99}^3\ \Phi_{33}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
10545	403	540	$\frac{2}{45}$	$\frac{43}{180}$	$\frac{137}{540}$	$\frac{1}{3}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
10546	403	528	$\frac{2}{33}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{88}\ \Phi_{33}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
10547	403	120	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{40}^5\ \Phi_{24}^4\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{12}^4\ \Phi_8^5\ \Phi_5\ \Phi_4^5\ \Phi_1$
10548	403	432	$\frac{29}{432}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
10549	403	495	$\frac{7}{99}$	$\frac{92}{495}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{55}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
10550	403	105	$\frac{4}{35}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^4\ \Phi_{35}^5\ \Phi_{21}^4\ \Phi_{15}\ \Phi_7^5\ \Phi_5\ \Phi_1$
10551	403	180	$\frac{2}{15}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}\ \Phi_{20}^3\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
10552	403	90	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{14}{45}$	$\Phi_{90}^3\ \Phi_{45}^4\ \Phi_{30}^6\ \Phi_{18}^4\ \Phi_{15}^6\ \Phi_{10}^6\ \Phi_9^5\ \Phi_6^6\ \Phi_5^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
10553	403	720	$\frac{1}{15}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{144}\ \Phi_{72}\ \Phi_{45}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
10554	403	576	$\frac{19}{192}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{173}{576}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
10555	403	360	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{40}$	$\frac{5}{18}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{72}^2\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
10556	403	630	$\frac{4}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{126}\ \Phi_{63}\ \Phi_{35}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_1$
10557	403	36	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{36}^{13}\ \Phi_{18}^8\ \Phi_{12}^{13}\ \Phi_9^8\ \Phi_6^{12}\ \Phi_4^{13}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
10558	403	80	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{80}^6\ \Phi_{40}^3\ \Phi_{20}^5\ \Phi_{16}^7\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
10559	403	560	$\frac{4}{35}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{112}\ \Phi_{56}\ \Phi_{35}\ \Phi_{16}\ \Phi_8\ \Phi_7\ \Phi_1$
10560	403	144	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{144}^4\ \Phi_{72}^4\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_9\ \Phi_8^3\ \Phi_4\ \Phi_1$
10561	403	480	$\frac{77}{480}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
10562	404	600	$\frac{1}{100}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{99}{200}$	$\Phi_{600}\ \Phi_{200}^2\ \Phi_{120}\ \Phi_{40}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
10563	404	990	$\frac{2}{99}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{97}{198}$	$\Phi_{990}\ \Phi_{330}\ \Phi_{110}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
10564	404	680	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{35}{136}$	$\frac{33}{68}$	$\Phi_{680}\ \Phi_{170}\ \Phi_{85}\ \Phi_{40}\ \Phi_{10}$
10565	404	588	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{95}{196}$	$\Phi_{588}^2\ \Phi_{84}^2\ \Phi_{21}\ \Phi_{12}^2$
10566	404	186	$\frac{1}{31}$	$\frac{8}{93}$	$\frac{85}{186}$	$\frac{15}{31}$	$\Phi_{186}^4\ \Phi_{62}^4\ \Phi_{31}\ \Phi_6^4\ \Phi_2^4\ \Phi_1^2$
10567	404	279	$\frac{1}{31}$	$\frac{16}{93}$	$\frac{77}{279}$	$\frac{15}{31}$	$\Phi_{279}^2\ \Phi_{31}\ \Phi_9^2\ \Phi_1^2$
10568	404	124	$\frac{1}{31}$	$\frac{23}{124}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{124}^4\ \Phi_{62}^4\ \Phi_{31}\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
10569	404	348	$\frac{1}{29}$	$\frac{15}{116}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{348}^2\ \Phi_{174}^2\ \Phi_{87}\ \Phi_{12}^2\ \Phi_6^2$
10570	404	195	$\frac{7}{195}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{94}{195}$	$\Phi_{195}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{15}^2\ \Phi_{13}^3\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
10571	404	960	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{91}{192}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
10572	404	130	$\frac{1}{13}$	$\frac{7}{65}$	$\frac{29}{130}$	$\frac{6}{13}$	$\Phi_{130}^4\ \Phi_{65}^2\ \Phi_{26}^4\ \Phi_{13}^3\ \Phi_{10}^4\ \Phi_5^2\ \Phi_2^4\ \Phi_1^4$
10573	404	117	$\frac{1}{13}$	$\frac{16}{117}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{117}^4\ \Phi_{39}^2\ \Phi_{13}^3\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
10574	404	186	$\frac{8}{93}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{85}{186}$	$\Phi_{186}^4\ \Phi_{62}^4\ \Phi_{31}\ \Phi_6^4\ \Phi_2^4\ \Phi_1^2$
10575	404	182	$\frac{1}{13}$	$\frac{10}{91}$	$\frac{3}{13}$	$\frac{81}{182}$	$\Phi_{182}^4\ \Phi_{26}^4\ \Phi_{14}^4\ \Phi_{13}^3\ \Phi_2^4\ \Phi_1^4$
10576	404	105	$\frac{4}{105}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{105}^4\ \Phi_{35}^4\ \Phi_{21}^3\ \Phi_{15}^4\ \Phi_7^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
10577	404	174	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{1}{3}$	$\frac{73}{174}$	$\Phi_{174}^4\ \Phi_{87}\ \Phi_{58}^4\ \Phi_6^4\ \Phi_2^4$
10578	404	540	$\frac{7}{108}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
10579	404	170	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{1}{5}$	$\frac{69}{170}$	$\Phi_{170}^4\ \Phi_{85}\ \Phi_{34}^4\ \Phi_{10}^4\ \Phi_2^4$
10580	404	156	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{78}$	$\frac{55}{156}$	$\Phi_{156}^4\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{13}^3\ \Phi_{12}^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
10581	404	150	$\frac{1}{50}$	$\frac{49}{150}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{150}^3\ \Phi_{75}^3\ \Phi_{50}^2\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
10582	404	312	$\frac{3}{104}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{312}\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{13}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
10583	404	105	$\frac{4}{105}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^4\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}^3\ \Phi_7^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
10584	404	375	$\frac{1}{25}$	$\frac{24}{125}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{375}\ \Phi_{125}^2\ \Phi_3\ \Phi_1^2$
10585	404	120	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^4\ \Phi_{60}^3\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^4\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
10586	404	330	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{330}\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
10587	404	261	$\frac{1}{29}$	$\frac{59}{261}$	$\frac{28}{87}$	$\frac{1}{3}$	$\Phi_{261}^2\ \Phi_{87}\ \Phi_9^2$
10588	404	147	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{46}{147}$	$\frac{1}{3}$	$\Phi_{147}^2\ \Phi_{49}^4\ \Phi_{21}^3\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
10589	404	660	$\frac{2}{33}$	$\frac{1}{5}$	$\frac{31}{132}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{110}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
10590	404	540	$\frac{7}{108}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
10591	404	336	$\frac{11}{112}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2$
10592	404	735	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{245}$	$\frac{1}{3}$	$\Phi_{735}\ \Phi_{105}\ \Phi_{21}\ \Phi_{15}$
10593	404	720	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{43}{144}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
10594	404	124	$\frac{3}{31}$	$\frac{23}{124}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{124}^4\ \Phi_{62}^4\ \Phi_{31}\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
10595	404	120	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
10596	405	160	$\frac{1}{80}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{79}{160}$	$\Phi_{160}^5\ \Phi_{32}^5\ \Phi_8\ \Phi_1$
10597	405	544	$\frac{3}{136}$	$\frac{1}{4}$	$\frac{139}{544}$	$\frac{133}{272}$	$\Phi_{544}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_8\ \Phi_1$
10598	405	176	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{43}{88}$	$\Phi_{176}^4\ \Phi_{88}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
10599	405	88	$\frac{1}{44}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{43}{88}$	$\Phi_{88}^9\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
10600	405	364	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{25}{52}$	$\Phi_{182}^2\ \Phi_{91}^2\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
10601	405	364	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{25}{52}$	$\Phi_{364}^2\ \Phi_{52}^3\ \Phi_{28}^2\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
10602	405	156	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{156}^2\ \Phi_{78}^4\ \Phi_{52}\ \Phi_{39}^4\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{12}^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
10603	405	256	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{121}{256}$	$\Phi_{256}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
10604	405	364	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{13}{28}$	$\Phi_{364}^2\ \Phi_{52}^2\ \Phi_{28}^3\ \Phi_{13}^2\ \Phi_4^3\ \Phi_1^3$
10605	405	140	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{140}^2\ \Phi_{70}^4\ \Phi_{35}^4\ \Phi_{28}\ \Phi_{20}^4\ \Phi_{14}^2\ \Phi_{10}^5\ \Phi_7^2\ \Phi_5^5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
10606	405	176	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{7}{22}$	$\frac{7}{16}$	$\Phi_{176}^4\ \Phi_{22}^2\ \Phi_{16}^5\ \Phi_{11}^2\ \Phi_2^2\ \Phi_1^3$
10607	405	16	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{16}^{24}\ \Phi_8^{27}\ \Phi_4^{26}\ \Phi_2^{26}\ \Phi_1^{27}$
10608	405	176	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{7}{16}$	$\Phi_{176}^4\ \Phi_{16}^5\ \Phi_{11}^4\ \Phi_1^5$
10609	405	240	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{240}^4\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
10610	405	476	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{1}{4}$	$\frac{103}{238}$	$\Phi_{476}\ \Phi_{119}\ \Phi_{68}^2\ \Phi_{34}\ \Phi_{28}\ \Phi_{17}\ \Phi_7\ \Phi_4\ \Phi_1$
10611	405	101	$\frac{6}{101}$	$\frac{19}{101}$	$\frac{20}{101}$	$\frac{41}{101}$	$\Phi_{101}^4\ \Phi_1^5$
10612	405	136	$\frac{3}{68}$	$\frac{13}{68}$	$\frac{1}{4}$	$\frac{55}{136}$	$\Phi_{136}^5\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_8^5\ \Phi_1$
10613	405	40	$\frac{1}{40}$	$\frac{1}{4}$	$\frac{13}{40}$	$\frac{3}{8}$	$\Phi_{40}^{10}\ \Phi_{20}^{10}\ \Phi_{10}^{10}\ \Phi_8^{11}\ \Phi_5^{10}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
10614	405	416	$\frac{11}{416}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
10615	405	56	$\frac{1}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{56}^{12}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{9}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
10616	405	680	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{680}\ \Phi_{136}\ \Phi_{85}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
10617	405	200	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{200}^{4}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
10618	405	32	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{32}^{15}\ \Phi_{16}^{10}\ \Phi_{8}^{11}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
10619	405	88	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{88}^{5}\ \Phi_{44}^{5}\ \Phi_{22}^{5}\ \Phi_{11}^{5}\ \Phi_{8}\ \Phi_{1}$
10620	405	40	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{40}^{16}\ \Phi_{10}^{8}\ \Phi_{8}^{17}\ \Phi_{5}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
10621	405	112	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{112}^{4}\ \Phi_{56}^{4}\ \Phi_{28}^{4}\ \Phi_{16}^{3}\ \Phi_{14}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
10622	405	68	$\frac{1}{34}$	$\frac{1}{4}$	$\frac{11}{34}$	$\frac{23}{68}$	$\Phi_{68}^{5}\ \Phi_{34}^{7}\ \Phi_{17}^{7}\ \Phi_{4}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
10623	405	44	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{7}{22}$	$\Phi_{44}^{8}\ \Phi_{22}^{10}\ \Phi_{11}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
10624	405	101	$\frac{5}{101}$	$\frac{23}{101}$	$\frac{26}{101}$	$\frac{32}{101}$	$\Phi_{101}^{4}\ \Phi_{1}^{5}$
10625	405	136	$\frac{7}{136}$	$\frac{31}{136}$	$\frac{1}{4}$	$\frac{43}{136}$	$\Phi_{136}^{3}\ \Phi_{68}^{3}\ \Phi_{34}^{3}\ \Phi_{17}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
10626	405	91	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{4}{13}$	$\Phi_{91}^{4}\ \Phi_{13}^{6}\ \Phi_{7}^{6}\ \Phi_{1}^{9}$
10627	405	156	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{156}^{4}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{39}^{2}\ \Phi_{13}^{2}\ \Phi_{12}^{6}\ \Phi_{6}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
10628	405	101	$\frac{8}{101}$	$\frac{14}{101}$	$\frac{29}{101}$	$\frac{31}{101}$	$\Phi_{101}^{4}\ \Phi_{1}^{5}$
10629	405	246	$\frac{7}{82}$	$\frac{1}{6}$	$\frac{19}{82}$	$\frac{25}{82}$	$\Phi_{246}^{2}\ \Phi_{123}^{2}\ \Phi_{82}\ \Phi_{41}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
10630	405	202	$\frac{19}{202}$	$\frac{31}{202}$	$\frac{47}{202}$	$\frac{61}{202}$	$\Phi_{202}^{2}\ \Phi_{101}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
10631	405	136	$\frac{13}{136}$	$\frac{19}{136}$	$\frac{1}{4}$	$\frac{41}{136}$	$\Phi_{136}^{3}\ \Phi_{68}^{3}\ \Phi_{34}^{3}\ \Phi_{17}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
10632	405	64	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{19}{64}$	$\Phi_{64}^{6}\ \Phi_{32}^{6}\ \Phi_{16}^{6}\ \Phi_{8}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
10633	405	140	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{140}^{4}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{6}\ \Phi_{10}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
10634	405	230	$\frac{1}{10}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{230}^{2}\ \Phi_{115}^{2}\ \Phi_{46}\ \Phi_{23}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
10635	405	202	$\frac{17}{202}$	$\frac{37}{202}$	$\frac{49}{202}$	$\frac{55}{202}$	$\Phi_{202}^{2}\ \Phi_{101}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
10636	405	136	$\frac{11}{136}$	$\frac{25}{136}$	$\frac{1}{4}$	$\frac{37}{136}$	$\Phi_{136}^{3}\ \Phi_{68}^{3}\ \Phi_{34}^{3}\ \Phi_{17}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
10637	405	16	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{16}^{27}\ \Phi_{8}^{27}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
10638	405	176	$\frac{3}{44}$	$\frac{41}{176}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{176}^{3}\ \Phi_{88}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
10639	405	44	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{44}^{8}\ \Phi_{22}^{8}\ \Phi_{11}^{12}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{15}$
10640	405	60	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{60}^{8}\ \Phi_{30}^{10}\ \Phi_{20}^{4}\ \Phi_{15}^{10}\ \Phi_{12}^{4}\ \Phi_{10}^{5}\ \Phi_{6}^{5}\ \Phi_{5}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
10641	405	32	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{32}^{12}\ \Phi_{16}^{12}\ \Phi_{8}^{15}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
10642	405	68	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{34}$	$\frac{1}{4}$	$\Phi_{68}^{8}\ \Phi_{34}^{3}\ \Phi_{17}^{5}\ \Phi_{4}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{5}$
10643	405	101	$\frac{16}{101}$	$\frac{17}{101}$	$\frac{20}{101}$	$\frac{21}{101}$	$\Phi_{101}^{4}\ \Phi_{1}^{5}$
10644	406	402	$\frac{2}{201}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{199}{402}$	$\Phi_{402}^{2}\ \Phi_{134}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
10645	406	324	$\frac{1}{81}$	$\frac{41}{162}$	$\frac{121}{324}$	$\frac{40}{81}$	$\Phi_{324}^{2}\ \Phi_{108}^{2}\ \Phi_{81}\ \Phi_{36}^{2}\ \Phi_{27}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
10646	406	816	$\frac{1}{68}$	$\frac{69}{272}$	$\frac{1}{3}$	$\frac{67}{136}$	$\Phi_{816}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
10647	406	400	$\frac{3}{200}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{197}{400}$	$\Phi_{400}^{2}\ \Phi_{80}^{2}\ \Phi_{16}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
10648	406	1200	$\frac{3}{200}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{197}{400}$	$\Phi_{1200}\ \Phi_{240}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
10649	406	228	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{28}{57}$	$\Phi_{228}^{3}\ \Phi_{76}^{3}\ \Phi_{57}\ \Phi_{19}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
10650	406	171	$\frac{1}{57}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{28}{57}$	$\Phi_{171}^{3}\ \Phi_{57}\ \Phi_{19}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
10651	406	360	$\frac{1}{45}$	$\frac{23}{180}$	$\frac{157}{360}$	$\frac{22}{45}$	$\Phi_{360}^{2}\ \Phi_{120}^{2}\ \Phi_{72}^{2}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{24}^{2}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
10652	406	270	$\frac{1}{45}$	$\frac{67}{270}$	$\frac{23}{90}$	$\frac{22}{45}$	$\Phi_{270}^{2}\ \Phi_{135}^{2}\ \Phi_{54}^{2}\ \Phi_{45}\ \Phi_{27}^{2}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
10653	406	396	$\frac{5}{198}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{193}{396}$	$\Phi_{396}^{2}\ \Phi_{132}^{2}\ \Phi_{44}^{2}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
10654	406	396	$\frac{5}{198}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{193}{396}$	$\Phi_{396}^2\ \Phi_{132}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10655	406	728	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{27}{56}$	$\Phi_{728}\ \Phi_{104}\ \Phi_{56}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
10656	406	168	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{168}^3\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
10657	406	54	$\frac{1}{27}$	$\frac{2}{27}$	$\frac{25}{54}$	$\frac{13}{27}$	$\Phi_{54}^{14}\ \Phi_{27}\ \Phi_{18}^{14}\ \Phi_9\ \Phi_6^{14}\ \Phi_3\ \Phi_2^{14}\ \Phi_1^2$
10658	406	390	$\frac{8}{195}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{187}{390}$	$\Phi_{390}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10659	406	384	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{181}{384}$	$\Phi_{384}^2\ \Phi_{128}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10660	406	270	$\frac{1}{15}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{270}^3\ \Phi_{90}^3\ \Phi_{54}^2\ \Phi_{30}^3\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10661	406	546	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{13}{42}$	$\frac{6}{13}$	$\Phi_{546}\ \Phi_{273}\ \Phi_{78}\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{21}^2\ \Phi_{13}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
10662	406	416	$\frac{1}{13}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
10663	406	455	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{6}{13}$	$\Phi_{455}\ \Phi_{65}\ \Phi_{35}^2\ \Phi_{13}\ \Phi_5^2\ \Phi_1^2$
10664	406	216	$\frac{13}{216}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10665	406	1122	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{1}{3}$	$\frac{171}{374}$	$\Phi_{1122}\ \Phi_{102}\ \Phi_{66}\ \Phi_{51}\ \Phi_6$
10666	406	120	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{120}^5\ \Phi_{40}^4\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^5\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
10667	406	297	$\frac{5}{99}$	$\frac{1}{9}$	$\frac{94}{297}$	$\frac{4}{9}$	$\Phi_{297}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
10668	406	216	$\frac{13}{216}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
10669	406	360	$\frac{1}{15}$	$\frac{23}{180}$	$\frac{7}{30}$	$\frac{157}{360}$	$\Phi_{360}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10670	406	51	$\frac{2}{51}$	$\frac{7}{51}$	$\frac{1}{3}$	$\frac{22}{51}$	$\Phi_{51}^8\ \Phi_{17}^8\ \Phi_3^7\ \Phi_1^8$
10671	406	150	$\frac{1}{15}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{150}^5\ \Phi_{50}^4\ \Phi_{30}^5\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
10672	406	60	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{60}^{12}\ \Phi_{30}^2\ \Phi_{20}^{12}\ \Phi_{15}^2\ \Phi_{12}^{10}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10673	406	228	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{9}{38}$	$\frac{5}{12}$	$\Phi_{228}^3\ \Phi_{76}^3\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
10674	406	180	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10675	406	1020	$\frac{1}{34}$	$\frac{33}{170}$	$\frac{1}{3}$	$\frac{137}{340}$	$\Phi_{1020}\ \Phi_{204}\ \Phi_{102}\ \Phi_{60}\ \Phi_{51}\ \Phi_{12}\ \Phi_6$
10676	406	300	$\frac{3}{100}$	$\frac{1}{5}$	$\frac{97}{300}$	$\frac{2}{5}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
10677	406	30	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{30}^{14}\ \Phi_{15}^{14}\ \Phi_{10}^{12}\ \Phi_6^{14}\ \Phi_5^{13}\ \Phi_3^{14}\ \Phi_2^{12}\ \Phi_1^{14}$
10678	406	250	$\frac{3}{50}$	$\frac{47}{250}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{250}^2\ \Phi_{125}^2\ \Phi_5\ \Phi_1^2$
10679	406	240	$\frac{3}{40}$	$\frac{37}{240}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
10680	406	220	$\frac{17}{220}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{220}^2\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
10681	406	225	$\frac{22}{225}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{225}^2\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
10682	406	240	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{240}^3\ \Phi_{80}^3\ \Phi_{48}^2\ \Phi_{30}^3\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10683	406	240	$\frac{1}{15}$	$\frac{37}{240}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10684	406	624	$\frac{5}{208}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
10685	406	324	$\frac{1}{27}$	$\frac{13}{54}$	$\frac{41}{162}$	$\frac{121}{324}$	$\Phi_{324}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10686	406	45	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{16}{45}$	$\Phi_{45}^7\ \Phi_{15}^{13}\ \Phi_9^7\ \Phi_5^{13}\ \Phi_3^{13}\ \Phi_1^{14}$
10687	406	306	$\frac{1}{51}$	$\frac{50}{153}$	$\frac{1}{3}$	$\frac{103}{306}$	$\Phi_{306}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{17}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10688	406	90	$\frac{1}{30}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{90}^6\ \Phi_{45}^6\ \Phi_{30}^2\ \Phi_{18}^6\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^4\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10689	406	300	$\frac{3}{100}$	$\frac{1}{4}$	$\frac{97}{300}$	$\frac{1}{3}$	$\Phi_{300}\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10690	406	171	$\frac{2}{57}$	$\frac{2}{9}$	$\frac{55}{171}$	$\frac{1}{3}$	$\Phi_{171}^2\ \Phi_{57}^3\ \Phi_{19}^3\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
10691	406	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^4\ \Phi_{42}\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_8^4\ \Phi_7^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10692	406	288	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{85}{288}$	$\frac{1}{3}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10693	406	216	$\frac{13}{216}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10694	406	240	$\frac{3}{40}$	$\frac{37}{240}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^2\ \Phi_{120}\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10695	406	660	$\frac{17}{220}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
10696	406	96	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{96}^7\ \Phi_{48}^7\ \Phi_{24}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
10697	406	342	$\frac{1}{19}$	$\frac{2}{9}$	$\frac{9}{38}$	$\frac{1}{3}$	$\Phi_{342}^2\ \Phi_{171}\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
10698	406	264	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{264}$	$\frac{1}{3}$	$\Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10699	406	240	$\frac{1}{12}$	$\frac{37}{240}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10700	406	180	$\frac{1}{15}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10701	406	102	$\frac{2}{17}$	$\frac{5}{34}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{102}^7\ \Phi_{51}^5\ \Phi_6^7\ \Phi_3^4$
10702	406	840	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
10703	406	270	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{67}{270}$	$\frac{23}{90}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10704	407	696	$\frac{1}{58}$	$\frac{59}{348}$	$\frac{289}{696}$	$\frac{57}{116}$	$\Phi_{696}\ \Phi_{232}\ \Phi_{116}\ \Phi_{24}\ \Phi_8\ \Phi_4\ \Phi_1$
10705	407	360	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{35}{72}$	$\Phi_{360}^2\ \Phi_{120}^2\ \Phi_{72}^3\ \Phi_{40}^2\ \Phi_{24}^3\ \Phi_{20}\ \Phi_8^3\ \Phi_4\ \Phi_1$
10706	407	360	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{35}{72}$	$\Phi_{360}^2\ \Phi_{120}^2\ \Phi_{72}^3\ \Phi_{40}^2\ \Phi_{24}^3\ \Phi_{15}\ \Phi_8^3\ \Phi_3\ \Phi_1$
10707	407	784	$\frac{15}{392}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{377}{784}$	$\Phi_{784}\ \Phi_{112}\ \Phi_{28}\ \Phi_{16}\ \Phi_4\ \Phi_1$
10708	407	70	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{33}{70}$	$\Phi_{70}^4\ \Phi_{35}^7\ \Phi_{14}^6\ \Phi_{10}^4\ \Phi_7^8\ \Phi_5^7\ \Phi_2^6\ \Phi_1^9$
10709	407	588	$\frac{1}{14}$	$\frac{15}{196}$	$\frac{181}{588}$	$\frac{13}{28}$	$\Phi_{588}\ \Phi_{294}\ \Phi_{147}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
10710	407	448	$\frac{1}{14}$	$\frac{41}{448}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_4\ \Phi_1$
10711	407	756	$\frac{1}{14}$	$\frac{29}{378}$	$\frac{13}{42}$	$\frac{349}{756}$	$\Phi_{756}\ \Phi_{252}\ \Phi_{108}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
10712	407	560	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{153}{560}$	$\frac{127}{280}$	$\Phi_{560}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
10713	407	780	$\frac{2}{39}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{780}\ \Phi_{260}\ \Phi_{156}\ \Phi_{52}\ \Phi_{39}\ \Phi_{20}\ \Phi_{13}\ \Phi_4\ \Phi_1$
10714	407	540	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{17}{54}$	$\frac{9}{20}$	$\Phi_{540}^2\ \Phi_{108}^2\ \Phi_{54}\ \Phi_{27}\ \Phi_{20}\ \Phi_4\ \Phi_1$
10715	407	40	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{40}^{11}\ \Phi_{20}^{10}\ \Phi_{10}^9\ \Phi_8^{11}\ \Phi_5^9\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
10716	407	240	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{48}$	$\frac{9}{20}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{48}^3\ \Phi_{40}^2\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
10717	407	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{9}{20}$	$\Phi_{180}^4\ \Phi_{60}^4\ \Phi_{45}\ \Phi_{36}^4\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{12}^4\ \Phi_5\ \Phi_4^5\ \Phi_1$
10718	407	420	$\frac{1}{10}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{420}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
10719	407	504	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{97}{504}$	$\frac{71}{168}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
10720	407	700	$\frac{1}{14}$	$\frac{57}{350}$	$\frac{13}{70}$	$\frac{293}{700}$	$\Phi_{700}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
10721	407	696	$\frac{1}{29}$	$\frac{59}{348}$	$\frac{28}{87}$	$\frac{289}{696}$	$\Phi_{696}\ \Phi_{232}\ \Phi_{87}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
10722	407	580	$\frac{1}{29}$	$\frac{28}{145}$	$\frac{173}{580}$	$\frac{117}{290}$	$\Phi_{580}\ \Phi_{145}\ \Phi_{116}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
10723	407	672	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{71}{336}$	$\frac{265}{672}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
10724	407	342	$\frac{1}{38}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{342}\ \Phi_{171}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{19}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
10725	407	304	$\frac{1}{38}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{304}^2\ \Phi_{76}^2\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_4\ \Phi_1$
10726	407	522	$\frac{1}{29}$	$\frac{115}{522}$	$\frac{28}{87}$	$\frac{59}{174}$	$\Phi_{522}\ \Phi_{261}\ \Phi_{87}\ \Phi_{18}\ \Phi_9\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
10727	407	195	$\frac{2}{39}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{195}^2\ \Phi_{65}^2\ \Phi_{39}^3\ \Phi_{15}\ \Phi_{13}^3\ \Phi_3\ \Phi_1$
10728	407	270	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{17}{54}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{15}\ \Phi_3\ \Phi_1$
10729	407	504	$\frac{1}{14}$	$\frac{97}{504}$	$\frac{29}{126}$	$\frac{13}{42}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
10730	407	42	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{42}^{11}\ \Phi_{21}^{11}\ \Phi_{14}^6\ \Phi_7^8\ \Phi_6^{11}\ \Phi_3^{11}\ \Phi_2^6\ \Phi_1^9$
10731	407	120	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{120}^5\ \Phi_{60}^4\ \Phi_{40}\ \Phi_{30}^4\ \Phi_{24}^5\ \Phi_{20}\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}\ \Phi_8\ \Phi_6^4\ \Phi_5\ \Phi_3^5\ \Phi_1$
10732	407	240	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{48}$	$\frac{4}{15}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{48}^3\ \Phi_{40}^2\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{15}\ \Phi_8^3\ \Phi_3\ \Phi_1$
10733	407	45	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{45}^9\ \Phi_{15}^{10}\ \Phi_9^8\ \Phi_5^9\ \Phi_3^9\ \Phi_1^9$
10734	407	210	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_{15}\ \Phi_{14}^3\ \Phi_7^3\ \Phi_3\ \Phi_1$
10735	408	303	$\frac{1}{101}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{50}{101}$	$\Phi_{303}\ \Phi_{101}^2\ \Phi_3^2\ \Phi_1^4$
10736	408	407	$\frac{5}{407}$	$\frac{103}{407}$	$\frac{152}{407}$	$\frac{201}{407}$	$\Phi_{407}\ \Phi_{37}\ \Phi_{11}\ \Phi_1^2$
10737	408	615	$\frac{3}{205}$	$\frac{52}{205}$	$\frac{1}{3}$	$\frac{101}{205}$	$\Phi_{615}\ \Phi_{123}\ \Phi_{15}$
10738	408	335	$\frac{1}{67}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{33}{67}$	$\Phi_{335}\ \Phi_{67}^2\ \Phi_5^2\ \Phi_1^4$
10739	408	804	$\frac{1}{67}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{33}{67}$	$\Phi_{804}\ \Phi_{402}\ \Phi_{12}^2\ \Phi_6^2$
10740	408	407	$\frac{7}{407}$	$\frac{69}{407}$	$\frac{169}{407}$	$\frac{200}{407}$	$\Phi_{407}\ \Phi_{37}\ \Phi_{11}\ \Phi_1^2$
10741	408	700	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{49}{100}$	$\Phi_{700}\ \Phi_{140}\ \Phi_{100}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
10742	408	300	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{300}^4\ \Phi_{60}^4\ \Phi_{15}\ \Phi_{12}^4$
10743	408	548	$\frac{3}{137}$	$\frac{1}{4}$	$\frac{35}{137}$	$\frac{67}{137}$	$\Phi_{548}\ \Phi_{274}$
10744	408	407	$\frac{9}{407}$	$\frac{101}{407}$	$\frac{104}{407}$	$\frac{199}{407}$	$\Phi_{407}\ \Phi_{37}\ \Phi_{11}\ \Phi_1^2$
10745	408	123	$\frac{1}{41}$	$\frac{7}{41}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{123}^5\ \Phi_3^4$
10746	408	185	$\frac{1}{37}$	$\frac{19}{185}$	$\frac{83}{185}$	$\frac{18}{37}$	$\Phi_{185}^2\ \Phi_{37}^3\ \Phi_5^2\ \Phi_1^4$
10747	408	33	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{16}{33}$	$\Phi_{33}^{12}\ \Phi_{11}^{13}\ \Phi_3^{12}\ \Phi_1^{14}$
10748	408	231	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{231}^2\ \Phi_{77}^2\ \Phi_{21}^3\ \Phi_7^2$
10749	408	33	$\frac{1}{33}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{16}{33}$	$\Phi_{33}^{12}\ \Phi_{11}^{13}\ \Phi_3^{12}\ \Phi_1^{14}$
10750	408	660	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{110}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
10751	408	407	$\frac{13}{407}$	$\frac{35}{407}$	$\frac{186}{407}$	$\frac{197}{407}$	$\Phi_{407}\ \Phi_{37}\ \Phi_{11}\ \Phi_1^2$
10752	408	407	$\frac{17}{407}$	$\frac{53}{407}$	$\frac{118}{407}$	$\frac{195}{407}$	$\Phi_{407}\ \Phi_{37}\ \Phi_{11}\ \Phi_1^2$
10753	408	736	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{11}{23}$	$\Phi_{736}\ \Phi_{32}^2\ \Phi_{23}\ \Phi_1^2$
10754	408	552	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{11}{23}$	$\Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
10755	408	161	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{161}^3\ \Phi_7^2$
10756	408	460	$\frac{1}{23}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{460}\ \Phi_{230}\ \Phi_{115}\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
10757	408	407	$\frac{19}{407}$	$\frac{71}{407}$	$\frac{84}{407}$	$\frac{194}{407}$	$\Phi_{407}\ \Phi_{37}\ \Phi_{11}\ \Phi_1^2$
10758	408	515	$\frac{5}{103}$	$\frac{18}{103}$	$\frac{1}{5}$	$\frac{49}{103}$	Φ_{515}
10759	408	548	$\frac{7}{137}$	$\frac{18}{137}$	$\frac{1}{4}$	$\frac{65}{137}$	$\Phi_{548}\ \Phi_{274}$
10760	408	407	$\frac{21}{407}$	$\frac{50}{407}$	$\frac{107}{407}$	$\frac{193}{407}$	$\Phi_{407}\ \Phi_{37}\ \Phi_{11}\ \Phi_1^2$
10761	408	615	$\frac{11}{205}$	$\frac{18}{205}$	$\frac{1}{3}$	$\frac{97}{205}$	$\Phi_{615}\ \Phi_{123}\ \Phi_{15}$
10762	408	1248	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{1248}\ \Phi_{39}$
10763	408	736	$\frac{1}{16}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{15}{32}$	$\Phi_{736}\ \Phi_{32}^2\ \Phi_{23}\ \Phi_1^2$
10764	408	288	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{288}^3\ \Phi_{96}^3\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
10765	408	736	$\frac{1}{16}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{15}{32}$	$\Phi_{736}\ \Phi_{32}^2\ \Phi_{23}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
10766	408	1120	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{1120}\ \Phi_{35}$
10767	408	198	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{18}^4\ \Phi_{11}^2\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
10768	408	99	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{31}{99}$	$\frac{5}{11}$	$\Phi_{99}^6\ \Phi_{11}\ \Phi_9^6\ \Phi_1^2$
10769	408	55	$\frac{4}{55}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{55}^8\ \Phi_{11}^5\ \Phi_5^8\ \Phi_1^6$
10770	408	22	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{5}{11}$	$\Phi_{22}^{24}\ \Phi_{11}^{13}\ \Phi_2^{24}\ \Phi_1^{14}$
10771	408	77	$\frac{1}{11}$	$\frac{9}{77}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{77}^6\ \Phi_{11}\ \Phi_7^6\ \Phi_1^2$
10772	408	450	$\frac{1}{18}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
10773	408	150	$\frac{1}{25}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{150}^5\ \Phi_{75}\ \Phi_{50}^5\ \Phi_{30}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
10774	408	390	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{390}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{26}^2$
10775	408	37	$\frac{3}{37}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{37}^{11}\ \Phi_1^{12}$
10776	408	175	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{8}{25}$	$\frac{3}{7}$	$\Phi_{175}^2\ \Phi_{35}^2\ \Phi_{25}^4\ \Phi_7^3\ \Phi_5^4\ \Phi_1^6$
10777	408	252	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{252}^2\ \Phi_{126}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}^4\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
10778	408	385	$\frac{4}{55}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{385}\ \Phi_{77}\ \Phi_{55}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_1^2$
10779	408	273	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{273}^2\ \Phi_{91}\ \Phi_{39}^2$
10780	408	140	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{3}{7}$	$\Phi_{140}^3\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{20}^6\ \Phi_{14}^2\ \Phi_{10}^4\ \Phi_7^3\ \Phi_5^4\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
10781	408	407	$\frac{17}{407}$	$\frac{65}{407}$	$\frac{118}{407}$	$\frac{171}{407}$	$\Phi_{407}\ \Phi_{37}\ \Phi_{11}\ \Phi_1^2$
10782	408	615	$\frac{7}{205}$	$\frac{33}{205}$	$\frac{1}{3}$	$\frac{86}{205}$	$\Phi_{615}\ \Phi_{123}\ \Phi_{15}$
10783	408	600	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{600}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
10784	408	407	$\frac{14}{407}$	$\frac{69}{407}$	$\frac{131}{407}$	$\frac{169}{407}$	$\Phi_{407}\ \Phi_{37}\ \Phi_{11}\ \Phi_1^2$
10785	408	105	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{105}^6\ \Phi_{21}^6\ \Phi_{15}^5\ \Phi_3^4$
10786	408	335	$\frac{3}{67}$	$\frac{1}{5}$	$\frac{16}{67}$	$\frac{2}{5}$	$\Phi_{335}\ \Phi_{67}^2\ \Phi_5^2\ \Phi_1^4$
10787	408	90	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{90}^5\ \Phi_{45}^5\ \Phi_{30}^5\ \Phi_{18}^4\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_9^4\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
10788	408	260	$\frac{1}{13}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{260}^2\ \Phi_{130}^2\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{26}^2$
10789	408	364	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{364}^2\ \Phi_{91}\ \Phi_{52}^2$
10790	408	111	$\frac{1}{37}$	$\frac{25}{111}$	$\frac{12}{37}$	$\frac{43}{111}$	$\Phi_{111}^3\ \Phi_{37}^5\ \Phi_3^3\ \Phi_1^6$
10791	408	455	$\frac{1}{35}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{455}\ \Phi_{91}\ \Phi_{65}$
10792	408	407	$\frac{19}{407}$	$\frac{84}{407}$	$\frac{97}{407}$	$\frac{155}{407}$	$\Phi_{407}\ \Phi_{37}\ \Phi_{11}\ \Phi_1^2$
10793	408	548	$\frac{5}{137}$	$\frac{33}{137}$	$\frac{1}{4}$	$\frac{52}{137}$	$\Phi_{548}\ \Phi_{274}$
10794	408	74	$\frac{1}{37}$	$\frac{9}{37}$	$\frac{23}{74}$	$\frac{14}{37}$	$\Phi_{74}^8\ \Phi_{37}^3\ \Phi_2^8\ \Phi_1^4$
10795	408	246	$\frac{1}{41}$	$\frac{10}{41}$	$\frac{1}{3}$	$\frac{31}{82}$	$\Phi_{246}^4\ \Phi_{123}\ \Phi_6^4$
10796	408	504	$\frac{5}{56}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
10797	408	407	$\frac{15}{407}$	$\frac{98}{407}$	$\frac{103}{407}$	$\frac{152}{407}$	$\Phi_{407}\ \Phi_{37}\ \Phi_{11}\ \Phi_1^2$
10798	408	450	$\frac{1}{18}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
10799	408	37	$\frac{3}{37}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{37}^{11}\ \Phi_1^{12}$
10800	408	234	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{234}^3\ \Phi_{117}\ \Phi_{78}^3\ \Phi_{39}\ \Phi_{18}^3\ \Phi_6^3$
10801	408	407	$\frac{20}{407}$	$\frac{67}{407}$	$\frac{129}{407}$	$\frac{139}{407}$	$\Phi_{407}\ \Phi_{37}\ \Phi_{11}\ \Phi_1^2$
10802	408	515	$\frac{4}{103}$	$\frac{1}{5}$	$\frac{33}{103}$	$\frac{35}{103}$	Φ_{515}
10803	408	407	$\frac{8}{407}$	$\frac{133}{407}$	$\frac{135}{407}$	$\frac{137}{407}$	$\Phi_{407}\ \Phi_{37}\ \Phi_{11}\ \Phi_1^2$
10804	408	615	$\frac{4}{205}$	$\frac{67}{205}$	$\frac{1}{3}$	$\frac{69}{205}$	$\Phi_{615}\ \Phi_{123}\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
10805	408	156	$\frac{1}{52}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{156}^3\ \Phi_{78}^3\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
10806	408	303	$\frac{2}{101}$	$\frac{33}{101}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{303}\ \Phi_{101}^2\ \Phi_3^2\ \Phi_1^4$
10807	408	420	$\frac{1}{35}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2$
10808	408	303	$\frac{5}{101}$	$\frac{16}{101}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{303}\ \Phi_{101}^2\ \Phi_3^2\ \Phi_1^4$
10809	408	126	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{126}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^2$
10810	408	75	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{75}^8\ \Phi_{15}^9\ \Phi_3^8$
10811	408	123	$\frac{2}{41}$	$\frac{7}{41}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{123}^5\ \Phi_3^4$
10812	408	693	$\frac{2}{33}$	$\frac{1}{7}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{693}\ \Phi_{63}\ \Phi_{21}$
10813	408	312	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{312}\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2$
10814	408	198	$\frac{1}{18}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{18}^4\ \Phi_{11}^2\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
10815	408	615	$\frac{9}{205}$	$\frac{49}{205}$	$\frac{52}{205}$	$\frac{1}{3}$	$\Phi_{615}\ \Phi_{123}\ \Phi_{15}$
10816	408	804	$\frac{3}{67}$	$\frac{16}{67}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{804}\ \Phi_{402}\ \Phi_{12}^2\ \Phi_6^2$
10817	408	180	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^2\ \Phi_{60}^3\ \Phi_{45}^2\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
10818	408	780	$\frac{1}{13}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{39}$
10819	408	462	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{462}^2\ \Phi_{231}\ \Phi_{42}^2\ \Phi_{21}^2$
10820	408	165	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{165}^4\ \Phi_{33}^4\ \Phi_{15}$
10821	408	375	$\frac{2}{25}$	$\frac{23}{125}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{375}^2\ \Phi_{15}$
10822	408	75	$\frac{7}{75}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{75}^5\ \Phi_{25}^6\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
10823	408	60	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{60}^{12}\ \Phi_{30}^8\ \Phi_{15}^9\ \Phi_{12}^{12}\ \Phi_6^8\ \Phi_3^8$
10824	408	123	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{1}{3}$	$\Phi_{123}^5\ \Phi_3^4$
10825	408	552	$\frac{2}{23}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{7}{23}$	$\Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
10826	408	460	$\frac{2}{23}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{460}\ \Phi_{230}\ \Phi_{115}\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
10827	408	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{72}^6\ \Phi_{36}^7\ \Phi_{24}^3\ \Phi_{18}^7\ \Phi_{12}^4\ \Phi_9^6\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
10828	408	552	$\frac{1}{8}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{7}{24}$	$\Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
10829	408	840	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{35}$
10830	408	22	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{22}$	$\frac{3}{11}$	$\Phi_{22}^{24}\ \Phi_{11}^{13}\ \Phi_2^{24}\ \Phi_1^{14}$
10831	408	37	$\frac{3}{37}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{37}^{11}\ \Phi_1^{12}$
10832	408	585	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{585}\ \Phi_{117}\ \Phi_{65}$
10833	408	180	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}\ \Phi_{30}^3\ \Phi_{18}\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
10834	408	220	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{220}^3\ \Phi_{110}\ \Phi_{55}^2\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2$
10835	408	460	$\frac{3}{23}$	$\frac{3}{20}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{460}\ \Phi_{230}\ \Phi_{115}\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
10836	408	576	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
10837	408	140	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^3\ \Phi_{70}^3\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_7^4$
10838	409	800	$\frac{9}{400}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{391}{800}$	$\Phi_{800}\ \Phi_{160}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
10839	409	792	$\frac{13}{396}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{383}{792}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{88}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
10840	409	552	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{143}{552}$	$\frac{133}{276}$	$\Phi_{552}\ \Phi_{184}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_8\ \Phi_1$
10841	409	768	$\frac{1}{24}$	$\frac{25}{384}$	$\frac{359}{768}$	$\frac{23}{48}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
10842	409	576	$\frac{1}{24}$	$\frac{25}{192}$	$\frac{167}{576}$	$\frac{23}{48}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
10843	409	480	$\frac{1}{24}$	$\frac{71}{480}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
10844	409	768	$\frac{25}{384}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{359}{768}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
10845	409	480	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{71}{480}$	$\frac{7}{16}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
10846	409	504	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{95}{504}$	$\frac{73}{168}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
10847	409	720	$\frac{1}{24}$	$\frac{49}{360}$	$\frac{23}{72}$	$\frac{311}{720}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
10848	409	720	$\frac{1}{12}$	$\frac{49}{360}$	$\frac{11}{60}$	$\frac{311}{720}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
10849	409	576	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{167}{576}$	$\frac{121}{288}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
10850	409	480	$\frac{1}{12}$	$\frac{71}{480}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
10851	409	510	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{101}{510}$	$\frac{69}{170}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{102}\ \Phi_{85}\ \Phi_{51}\ \Phi_{30}\ \Phi_{15}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
10852	409	680	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{69}{340}$	$\frac{271}{680}$	$\Phi_{680}\ \Phi_{136}\ \Phi_{85}\ \Phi_{40}\ \Phi_8\ \Phi_5\ \Phi_1$
10853	409	672	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{336}$	$\frac{263}{672}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
10854	409	448	$\frac{39}{448}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
10855	409	432	$\frac{23}{432}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
10856	409	624	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{97}{312}$	$\frac{215}{624}$	$\Phi_{624}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{48}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
10857	409	612	$\frac{1}{51}$	$\frac{50}{153}$	$\frac{203}{612}$	$\frac{103}{306}$	$\Phi_{612}\ \Phi_{204}\ \Phi_{153}\ \Phi_{68}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
10858	409	594	$\frac{13}{198}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{185}{594}$	$\Phi_{594}\ \Phi_{297}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
10859	409	576	$\frac{1}{8}$	$\frac{25}{192}$	$\frac{7}{32}$	$\frac{167}{576}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
10860	409	540	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{131}{540}$	$\frac{49}{180}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
10861	409	480	$\frac{1}{8}$	$\frac{71}{480}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
10862	409	512	$\frac{1}{8}$	$\frac{25}{128}$	$\frac{103}{512}$	$\frac{7}{32}$	$\Phi_{512}\ \Phi_{256}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
10863	410	648	$\frac{1}{81}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{40}{81}$	$\Phi_{648}\ \Phi_{216}\ \Phi_{81}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
10864	410	720	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{39}{80}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}^2\ \Phi_{48}\ \Phi_{16}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
10865	410	240	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{240}^3\ \Phi_{80}^4\ \Phi_{48}^3\ \Phi_{16}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10866	410	858	$\frac{2}{39}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{858}\ \Phi_{286}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
10867	410	616	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{616}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{22}$
10868	410	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{19}{60}$	$\frac{4}{9}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^3\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
10869	410	396	$\frac{3}{44}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
10870	410	45	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{45}^9\ \Phi_{15}^9\ \Phi_9^{10}\ \Phi_5^8\ \Phi_3^{10}\ \Phi_1^{10}$
10871	410	450	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{50}$	$\frac{4}{9}$	$\Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
10872	410	144	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{4}{9}$	$\Phi_{144}^3\ \Phi_{72}^2\ \Phi_{48}^4\ \Phi_{36}^2\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{16}^4\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
10873	410	792	$\frac{1}{11}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
10874	410	528	$\frac{1}{11}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
10875	410	770	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{770}\ \Phi_{154}\ \Phi_{110}\ \Phi_{77}\ \Phi_{22}$
10876	410	168	$\frac{1}{42}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{168}^4\ \Phi_{56}^4\ \Phi_{42}^2\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_8^4\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10877	410	216	$\frac{1}{27}$	$\frac{13}{54}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^3\ \Phi_{72}^3\ \Phi_{54}^2\ \Phi_{27}\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_9\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10878	410	360	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^2\ \Phi_{120}^2\ \Phi_{72}\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{15}^2\ \Phi_9\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
10879	410	60	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{60}^7\ \Phi_{30}^7\ \Phi_{20}^6\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}^6\ \Phi_6^9\ \Phi_5^6\ \Phi_4^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
10880	410	132	$\frac{3}{44}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^3\ \Phi_{66}^3\ \Phi_{44}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10881	410	90	$\frac{4}{45}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{90}^6\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{18}^6\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^6\ \Phi_5^2\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
10882	410	150	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{150}^3\ \Phi_{75}^3\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
10883	410	48	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{48}^{10}\ \Phi_{24}^7\ \Phi_{16}^{10}\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^9\ \Phi_4^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
10884	410	594	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{594}\ \Phi_{297}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
10885	411	656	$\frac{1}{82}$	$\frac{83}{328}$	$\frac{245}{656}$	$\frac{81}{164}$	$\Phi_{656}\ \Phi_{164}\ \Phi_{16}\ \Phi_4\ \Phi_1$
10886	411	540	$\frac{2}{135}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{133}{270}$	$\Phi_{540}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
10887	411	184	$\frac{1}{46}$	$\frac{1}{4}$	$\frac{47}{184}$	$\frac{45}{92}$	$\Phi_{184}^3\ \Phi_{92}^2\ \Phi_{46}\ \Phi_{23}\ \Phi_8^3\ \Phi_4\ \Phi_1$
10888	411	800	$\frac{11}{400}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{389}{800}$	$\Phi_{800}\ \Phi_{160}\ \Phi_{32}\ \Phi_{20}\ \Phi_4\ \Phi_1$
10889	411	264	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{127}{264}$	$\Phi_{264}^3\ \Phi_{88}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
10890	411	260	$\frac{7}{130}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{123}{260}$	$\Phi_{260}^3\ \Phi_{52}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
10891	411	560	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{149}{560}$	$\frac{131}{280}$	$\Phi_{560}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
10892	411	200	$\frac{11}{200}$	$\frac{1}{10}$	$\frac{63}{200}$	$\frac{9}{20}$	$\Phi_{200}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
10893	411	440	$\frac{29}{440}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_4\ \Phi_1$
10894	411	500	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{89}{500}$	$\frac{9}{20}$	$\Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{20}\ \Phi_4\ \Phi_1$
10895	411	160	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{23}{160}$	$\frac{9}{20}$	$\Phi_{160}^3\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
10896	411	240	$\frac{1}{10}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{103}{240}$	$\Phi_{240}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
10897	411	160	$\frac{1}{10}$	$\frac{23}{160}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{160}^3\ \Phi_{80}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
10898	411	144	$\frac{7}{144}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{144}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
10899	411	700	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{350}$	$\frac{289}{700}$	$\Phi_{700}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
10900	411	460	$\frac{1}{23}$	$\frac{22}{115}$	$\frac{1}{4}$	$\frac{93}{230}$	$\Phi_{460}\ \Phi_{115}\ \Phi_{92}^2\ \Phi_{46}\ \Phi_{23}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
10901	411	177	$\frac{2}{59}$	$\frac{40}{177}$	$\frac{19}{59}$	$\frac{1}{3}$	$\Phi_{177}^2\ \Phi_{59}^3\ \Phi_3\ \Phi_1^3$
10902	411	180	$\frac{2}{45}$	$\frac{43}{180}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
10903	411	144	$\frac{7}{144}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{144}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^2\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
10904	411	324	$\frac{2}{27}$	$\frac{25}{162}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{324}^2\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
10905	411	300	$\frac{13}{150}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^2\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
10906	411	396	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{61}{198}$	$\Phi_{396}^2\ \Phi_{198}\ \Phi_{99}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
10907	411	180	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{43}{180}$	$\frac{17}{60}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
10908	412	204	$\frac{1}{102}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{101}{204}$	$\Phi_{204}^4\ \Phi_{68}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
10909	412	138	$\frac{1}{69}$	$\frac{35}{138}$	$\frac{1}{3}$	$\frac{34}{69}$	$\Phi_{138}^4\ \Phi_{69}^2\ \Phi_{46}^4\ \Phi_{23}^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
10910	412	405	$\frac{7}{405}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{199}{405}$	$\Phi_{405}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
10911	412	137	$\frac{3}{137}$	$\frac{34}{137}$	$\frac{35}{137}$	$\frac{67}{137}$	$\Phi_{137}^3\ \Phi_1^4$
10912	412	200	$\frac{3}{100}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{97}{200}$	$\Phi_{200}^4\ \Phi_{40}^4\ \Phi_{20}\ \Phi_{10}\ \Phi_8^4$
10913	412	198	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{95}{198}$	$\Phi_{198}^4\ \Phi_{66}^4\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
10914	412	345	$\frac{1}{23}$	$\frac{12}{115}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{345}^2\ \Phi_{69}\ \Phi_{15}^2$
10915	412	960	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{89}{192}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
10916	412	108	$\frac{5}{108}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{108}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
10917	412	552	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{1}{3}$	$\frac{81}{184}$	$\Phi_{552}^2\ \Phi_{69}\ \Phi_{24}^2$
10918	412	560	$\frac{9}{112}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
10919	412	910	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{5}$	$\frac{79}{182}$	$\Phi_{910}\ \Phi_{130}\ \Phi_{70}\ \Phi_{65}\ \Phi_{10}$
10920	412	345	$\frac{2}{69}$	$\frac{67}{345}$	$\frac{1}{3}$	$\frac{139}{345}$	$\Phi_{345}\ \Phi_{115}\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
10921	412	780	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{25}{78}$	$\frac{53}{156}$	$\Phi_{780}\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{60}\ \Phi_{20}\ \Phi_{10}$
10922	412	105	$\frac{2}{105}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^4\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_7^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
10923	412	153	$\frac{1}{51}$	$\frac{50}{153}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{153}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
10924	412	408	$\frac{1}{34}$	$\frac{33}{136}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{408}\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
10925	412	255	$\frac{2}{51}$	$\frac{49}{255}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{255}^2\ \Phi_{85}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
10926	412	108	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{108}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
10927	412	357	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{357}\ \Phi_{119}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
10928	412	297	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{297}$	$\frac{1}{3}$	$\Phi_{297}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
10929	412	108	$\frac{5}{108}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{108}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^3\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
10930	412	138	$\frac{1}{23}$	$\frac{11}{46}$	$\frac{35}{138}$	$\frac{1}{3}$	$\Phi_{138}^2\ \Phi_{69}^3\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
10931	412	135	$\frac{7}{135}$	$\frac{2}{9}$	$\frac{32}{135}$	$\frac{1}{3}$	$\Phi_{135}^3\ \Phi_{45}^3\ \Phi_{27}^3\ \Phi_{15}^3\ \Phi_9^4\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
10932	412	225	$\frac{19}{225}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{225}^2\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
10933	412	243	$\frac{7}{81}$	$\frac{37}{243}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{243}^2\ \Phi_{81}\ \Phi_{27}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
10934	412	120	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
10935	412	720	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{5}$	$\frac{41}{144}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
10936	412	120	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}\ \Phi_8^4\ \Phi_6^4\ \Phi_3^4$
10937	412	640	$\frac{1}{8}$	$\frac{25}{128}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
10938	413	816	$\frac{5}{408}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{403}{816}$	$\Phi_{816}\ \Phi_{272}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
10939	413	348	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{57}{116}$	$\Phi_{174}^2\ \Phi_{116}\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
10940	413	1044	$\frac{1}{58}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{57}{116}$	$\Phi_{1044}\ \Phi_{116}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
10941	413	800	$\frac{13}{400}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{387}{800}$	$\Phi_{800}\ \Phi_{160}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
10942	413	456	$\frac{2}{57}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{76}\ \Phi_{57}\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
10943	413	80	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{80}^7\ \Phi_{40}^4\ \Phi_{20}^3\ \Phi_{16}^7\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
10944	413	112	$\frac{3}{56}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{112}^7\ \Phi_{16}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
10945	413	440	$\frac{4}{55}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{440}\ \Phi_{220}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
10946	413	768	$\frac{29}{384}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{355}{768}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
10947	413	72	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{72}^7\ \Phi_{36}^7\ \Phi_{24}^4\ \Phi_{18}^7\ \Phi_{12}^3\ \Phi_9^7\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
10948	413	216	$\frac{5}{54}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{216}^2\ \Phi_{108}\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}\ \Phi_{27}^2\ \Phi_{24}^4\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
10949	413	64	$\frac{5}{64}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{64}^6\ \Phi_{32}^7\ \Phi_{16}^7\ \Phi_8^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
10950	413	104	$\frac{3}{52}$	$\frac{7}{52}$	$\frac{1}{4}$	$\frac{45}{104}$	$\Phi_{104}^7\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_8^7\ \Phi_1$
10951	413	348	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{28}{87}$	$\frac{5}{12}$	$\Phi_{348}^2\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
10952	413	200	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{200}^2\ \Phi_{100}\ \Phi_{50}^2\ \Phi_{40}^4\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
10953	413	96	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{96}^7\ \Phi_{32}^7\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
10954	413	544	$\frac{5}{136}$	$\frac{131}{544}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{544}\ \Phi_{272}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
10955	413	432	$\frac{19}{432}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
10956	413	64	$\frac{5}{64}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{64}^7\ \Phi_{32}^7\ \Phi_{16}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
10957	413	360	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}^2\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
10958	413	624	$\frac{3}{104}$	$\frac{1}{4}$	$\frac{101}{312}$	$\frac{211}{624}$	$\Phi_{624}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{48}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_1$
10959	413	261	$\frac{1}{29}$	$\frac{2}{9}$	$\frac{28}{87}$	$\frac{1}{3}$	$\Phi_{261}^2\ \Phi_{87}\ \Phi_9^3\ \Phi_3\ \Phi_1$
10960	413	480	$\frac{3}{32}$	$\frac{67}{480}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
10961	413	168	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{168}^4\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
10962	413	576	$\frac{3}{32}$	$\frac{29}{192}$	$\frac{1}{4}$	$\frac{163}{576}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
10963	413	72	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{72}^5\ \Phi_{36}^5\ \Phi_{24}^7\ \Phi_{18}^6\ \Phi_{12}^7\ \Phi_9^6\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
10964	413	512	$\frac{3}{32}$	$\frac{99}{512}$	$\frac{29}{128}$	$\frac{1}{4}$	$\Phi_{512}\ \Phi_{256}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
10965	413	480	$\frac{67}{480}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
10966	414	680	$\frac{1}{68}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{67}{136}$	$\Phi_{680}\ \Phi_{136}^2\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
10967	414	408	$\frac{1}{68}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{67}{136}$	$\Phi_{408}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
10968	414	118	$\frac{1}{59}$	$\frac{10}{59}$	$\frac{49}{118}$	$\frac{29}{59}$	$\Phi_{118}^6\ \Phi_{59}\ \Phi_2^6\ \Phi_1^2$
10969	414	406	$\frac{4}{203}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{199}{406}$	$\Phi_{406}^2\ \Phi_{58}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
10970	414	720	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{22}{45}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
10971	414	180	$\frac{1}{45}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{22}{45}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
10972	414	413	$\frac{13}{413}$	$\frac{71}{413}$	$\frac{114}{413}$	$\frac{200}{413}$	$\Phi_{413}\ \Phi_{59}\ \Phi_7\ \Phi_1^2$
10973	414	1200	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{193}{400}$	$\Phi_{1200}\ \Phi_{240}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
10974	414	556	$\frac{5}{139}$	$\frac{24}{139}$	$\frac{1}{4}$	$\frac{67}{139}$	$\Phi_{556}\ \Phi_{278}$
10975	414	133	$\frac{5}{133}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{64}{133}$	$\Phi_{133}^3\ \Phi_{19}^3\ \Phi_7^5\ \Phi_1^6$
10976	414	280	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{73}{280}$	$\frac{67}{140}$	$\Phi_{280}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
10977	414	748	$\frac{1}{22}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{21}{44}$	$\Phi_{748}\ \Phi_{68}\ \Phi_{44}^2\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
10978	414	660	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{660}^2\ \Phi_{132}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
10979	414	748	$\frac{1}{22}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{21}{44}$	$\Phi_{748}\ \Phi_{68}\ \Phi_{44}^2\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
10980	414	308	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{308}\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{28}^2\ \Phi_{14}^3\ \Phi_7^2$
10981	414	392	$\frac{11}{196}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{185}{392}$	$\Phi_{392}^2\ \Phi_{56}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
10982	414	561	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{8}{17}$	$\Phi_{561}\ \Phi_{51}\ \Phi_{33}^2\ \Phi_{17}\ \Phi_3^2\ \Phi_1^2$
10983	414	390	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{61}{130}$	$\Phi_{390}^3\ \Phi_{78}^3\ \Phi_{39}\ \Phi_{30}^3\ \Phi_6^3$
10984	414	910	$\frac{4}{65}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{910}\ \Phi_{182}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
10985	414	672	$\frac{1}{16}$	$\frac{17}{224}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
10986	414	28	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{28}^{12}\ \Phi_{14}^{18}\ \Phi_7^{17}\ \Phi_4^{12}\ \Phi_2^{18}\ \Phi_1^{18}$
10987	414	385	$\frac{29}{385}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{178}{385}$	$\Phi_{385}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{11}\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
10988	414	384	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{1}{3}$	$\frac{59}{128}$	$\Phi_{384}^3\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
10989	414	798	$\frac{1}{19}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{798}\ \Phi_{266}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
10990	414	42	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{42}^{18}\ \Phi_{14}^{18}\ \Phi_7^5\ \Phi_6^{18}\ \Phi_2^{18}\ \Phi_1^6$
10991	414	560	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
10992	414	48	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{48}^{15}\ \Phi_{24}^{2}\ \Phi_{16}^{16}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
10993	414	608	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{608}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
10994	414	240	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{30}$	$\frac{7}{16}$	$\Phi_{240}^{3}\ \Phi_{80}^{3}\ \Phi_{48}^{3}\ \Phi_{30}^{2}\ \Phi_{16}^{4}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
10995	414	400	$\frac{2}{25}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{400}^{2}\ \Phi_{80}\ \Phi_{25}^{2}\ \Phi_{16}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
10996	414	432	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{27}$	$\frac{7}{16}$	$\Phi_{432}^{2}\ \Phi_{144}\ \Phi_{48}\ \Phi_{27}^{2}\ \Phi_{16}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
10997	414	1092	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{1}{3}$	$\frac{157}{364}$	$\Phi_{1092}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_{6}$
10998	414	760	$\frac{1}{19}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{760}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
10999	414	280	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{280}^{3}\ \Phi_{70}\ \Phi_{56}^{3}\ \Phi_{35}\ \Phi_{14}$
11000	414	350	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{32}{175}$	$\frac{143}{350}$	$\Phi_{350}^{2}\ \Phi_{70}^{2}\ \Phi_{50}^{2}\ \Phi_{35}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
11001	414	170	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{11}{34}$	$\frac{2}{5}$	$\Phi_{170}^{2}\ \Phi_{85}^{2}\ \Phi_{34}^{4}\ \Phi_{17}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
11002	414	120	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{120}^{3}\ \Phi_{60}^{3}\ \Phi_{40}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{6}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{6}\ \Phi_{10}^{2}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
11003	414	85	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{85}^{5}\ \Phi_{17}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
11004	414	224	$\frac{17}{224}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{224}^{2}\ \Phi_{112}^{2}\ \Phi_{56}^{2}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
11005	414	413	$\frac{11}{413}$	$\frac{93}{413}$	$\frac{134}{413}$	$\frac{160}{413}$	$\Phi_{413}\ \Phi_{59}\ \Phi_{7}\ \Phi_{1}^{2}$
11006	414	112	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{112}^{6}\ \Phi_{16}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
11007	414	456	$\frac{1}{24}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
11008	414	684	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{684}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
11009	414	98	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{98}^{7}\ \Phi_{49}^{2}\ \Phi_{14}^{4}\ \Phi_{7}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
11010	414	35	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{11}{35}$	$\frac{12}{35}$	$\Phi_{35}^{12}\ \Phi_{7}^{11}\ \Phi_{5}^{12}\ \Phi_{1}^{12}$
11011	414	59	$\frac{2}{59}$	$\frac{13}{59}$	$\frac{19}{59}$	$\frac{20}{59}$	$\Phi_{59}^{7}\ \Phi_{1}^{8}$
11012	414	556	$\frac{4}{139}$	$\frac{1}{4}$	$\frac{45}{139}$	$\frac{47}{139}$	$\Phi_{556}\ \Phi_{278}$
11013	414	312	$\frac{1}{52}$	$\frac{17}{52}$	$\frac{1}{3}$	$\frac{35}{104}$	$\Phi_{312}^{3}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}^{3}\ \Phi_{12}\ \Phi_{6}$
11014	414	204	$\frac{1}{34}$	$\frac{1}{4}$	$\frac{11}{34}$	$\frac{1}{3}$	$\Phi_{204}^{4}\ \Phi_{102}^{2}\ \Phi_{51}^{2}\ \Phi_{12}^{5}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
11015	414	624	$\frac{7}{208}$	$\frac{47}{208}$	$\frac{67}{208}$	$\frac{1}{3}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
11016	414	240	$\frac{1}{16}$	$\frac{11}{80}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{240}^{3}\ \Phi_{120}^{3}\ \Phi_{60}^{3}\ \Phi_{48}\ \Phi_{30}^{3}\ \Phi_{24}\ \Phi_{15}^{3}\ \Phi_{12}\ \Phi_{6}$
11017	414	78	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{78}^{9}\ \Phi_{39}^{7}\ \Phi_{6}^{9}\ \Phi_{3}^{6}$
11018	414	330	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{330}\ \Phi_{165}\ \Phi_{110}^{2}\ \Phi_{66}\ \Phi_{55}^{2}\ \Phi_{30}^{2}\ \Phi_{22}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}$
11019	414	96	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{9}{32}$	$\frac{1}{3}$	$\Phi_{96}^{6}\ \Phi_{48}^{7}\ \Phi_{24}^{7}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
11020	414	24	$\frac{1}{24}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{24}^{18}\ \Phi_{12}^{16}\ \Phi_{8}^{18}\ \Phi_{6}^{16}\ \Phi_{4}^{18}\ \Phi_{3}^{15}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
11021	414	816	$\frac{3}{68}$	$\frac{65}{272}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
11022	414	1020	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}\ \Phi_{6}$
11023	414	768	$\frac{1}{16}$	$\frac{49}{256}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
11024	414	780	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{260}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{156}\ \Phi_{78}\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{12}\ \Phi_{6}$
11025	414	240	$\frac{1}{8}$	$\frac{11}{80}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{240}^{3}\ \Phi_{120}^{2}\ \Phi_{60}^{2}\ \Phi_{48}^{3}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
11026	414	561	$\frac{1}{11}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{10}{33}$	$\Phi_{561}\ \Phi_{51}\ \Phi_{33}^{2}\ \Phi_{17}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
11027	414	924	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}$
11028	414	210	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{210}^{3}\ \Phi_{105}^{3}\ \Phi_{70}\ \Phi_{42}^{3}\ \Phi_{35}\ \Phi_{21}^{3}\ \Phi_{14}$
11029	414	98	$\frac{11}{98}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{29}{98}$	$\Phi_{98}^{4}\ \Phi_{49}^{4}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
11030	414	28	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{28}^{18}\ \Phi_{14}^{18}\ \Phi_{7}^{5}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
11031	414	60	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{60}^{6}\ \Phi_{30}^{8}\ \Phi_{20}^{6}\ \Phi_{15}^{7}\ \Phi_{12}^{6}\ \Phi_{10}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{7}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
11032	414	100	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{100}^{4}\ \Phi_{50}^{4}\ \Phi_{25}^{6}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
11033	414	108	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{108}^{4}\ \Phi_{54}^{4}\ \Phi_{36}^{2}\ \Phi_{27}^{6}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
11034	415	328	$\frac{1}{82}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{81}{164}$	$\Phi_{328}^{2}\ \Phi_{164}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
11035	415	816	$\frac{7}{408}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{401}{816}$	$\Phi_{816}\ \Phi_{272}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
11036	415	736	$\frac{1}{46}$	$\frac{47}{368}$	$\frac{321}{736}$	$\frac{45}{92}$	$\Phi_{736}\ \Phi_{92}\ \Phi_{32}\ \Phi_{4}\ \Phi_{1}$
11037	415	552	$\frac{1}{46}$	$\frac{137}{552}$	$\frac{47}{184}$	$\frac{45}{92}$	$\Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
11038	415	162	$\frac{2}{81}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{162}^{2}\ \Phi_{81}^{3}\ \Phi_{54}^{2}\ \Phi_{27}^{3}\ \Phi_{18}^{2}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
11039	415	336	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{336}^{2}\ \Phi_{112}\ \Phi_{84}^{2}\ \Phi_{48}^{2}\ \Phi_{42}^{2}\ \Phi_{28}\ \Phi_{21}^{2}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
11040	415	480	$\frac{3}{80}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{480}^{2}\ \Phi_{160}\ \Phi_{96}^{2}\ \Phi_{32}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
11041	415	792	$\frac{19}{396}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{377}{792}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{88}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
11042	415	504	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{89}{504}$	$\frac{79}{168}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
11043	415	156	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{73}{156}$	$\Phi_{156}^{5}\ \Phi_{52}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
11044	415	462	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{71}{154}$	$\Phi_{462}\ \Phi_{231}\ \Phi_{77}\ \Phi_{66}\ \Phi_{42}^{2}\ \Phi_{33}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{11}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
11045	415	96	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{96}^{5}\ \Phi_{48}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
11046	415	756	$\frac{1}{18}$	$\frac{37}{378}$	$\frac{17}{54}$	$\frac{341}{756}$	$\Phi_{756}\ \Phi_{252}\ \Phi_{108}\ \Phi_{84}\ \Phi_{54}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
11047	415	756	$\frac{37}{378}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{341}{756}$	$\Phi_{756}\ \Phi_{252}\ \Phi_{108}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
11048	415	576	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{161}{576}$	$\frac{127}{288}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
11049	415	144	$\frac{1}{18}$	$\frac{11}{72}$	$\frac{17}{72}$	$\frac{61}{144}$	$\Phi_{144}^{5}\ \Phi_{72}\ \Phi_{48}^{5}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}^{5}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
11050	415	144	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{6}$	$\frac{61}{144}$	$\Phi_{144}^{5}\ \Phi_{48}^{5}\ \Phi_{16}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
11051	415	612	$\frac{7}{204}$	$\frac{1}{6}$	$\frac{197}{612}$	$\frac{5}{12}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
11052	415	432	$\frac{17}{432}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
11053	415	420	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{70}$	$\frac{57}{140}$	$\Phi_{420}^{2}\ \Phi_{140}\ \Phi_{84}^{2}\ \Phi_{60}^{2}\ \Phi_{42}^{2}\ \Phi_{28}\ \Phi_{21}^{2}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
11054	415	672	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{79}{336}$	$\frac{257}{672}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
11055	415	984	$\frac{1}{41}$	$\frac{1}{4}$	$\frac{40}{123}$	$\frac{3}{8}$	$\Phi_{984}\ \Phi_{123}\ \Phi_{24}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
11056	415	264	$\frac{5}{88}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^{2}\ \Phi_{132}^{2}\ \Phi_{88}\ \Phi_{66}^{2}\ \Phi_{44}\ \Phi_{33}^{2}\ \Phi_{22}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
11057	415	648	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{91}{324}$	$\frac{233}{648}$	$\Phi_{648}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
11058	415	126	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{126}^{2}\ \Phi_{63}^{3}\ \Phi_{42}^{5}\ \Phi_{21}^{5}\ \Phi_{18}^{2}\ \Phi_{14}^{5}\ \Phi_{9}^{3}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
11059	415	108	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{108}^{5}\ \Phi_{54}^{2}\ \Phi_{36}^{5}\ \Phi_{27}^{3}\ \Phi_{18}^{2}\ \Phi_{12}^{5}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
11060	415	90	$\frac{7}{90}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{90}^{5}\ \Phi_{45}^{5}\ \Phi_{30}^{5}\ \Phi_{18}^{2}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
11061	415	120	$\frac{3}{40}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{120}^{3}\ \Phi_{60}^{3}\ \Phi_{40}^{4}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{4}\ \Phi_{15}^{3}\ \Phi_{12}^{5}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
11062	415	108	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{108}^{5}\ \Phi_{54}^{5}\ \Phi_{27}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
11063	415	504	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{89}{504}$	$\frac{37}{126}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
11064	415	96	$\frac{13}{96}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{96}^{5}\ \Phi_{48}^{3}\ \Phi_{32}^{5}\ \Phi_{24}^{3}\ \Phi_{16}^{4}\ \Phi_{12}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
11065	415	300	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{300}^{2}\ \Phi_{150}^{2}\ \Phi_{100}\ \Phi_{75}^{2}\ \Phi_{50}\ \Phi_{25}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
11066	416	309	$\frac{1}{103}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{51}{103}$	$\Phi_{309}\ \Phi_{103}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
11067	416	83	$\frac{1}{83}$	$\frac{21}{83}$	$\frac{31}{83}$	$\frac{41}{83}$	$\Phi_{83}^{5}\ \Phi_{1}^{6}$
11068	416	627	$\frac{3}{209}$	$\frac{53}{209}$	$\frac{1}{3}$	$\frac{103}{209}$	$\Phi_{627}\ \Phi_{57}\ \Phi_{33}$
11069	416	205	$\frac{3}{205}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{101}{205}$	$\Phi_{205}^{2}\ \Phi_{41}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
11070	416	357	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{25}{51}$	$\Phi_{357}\ \Phi_{119}\ \Phi_{51}^{2}\ \Phi_{21}\ \Phi_{17}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
11071	416	255	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{255}^{2}\ \Phi_{85}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
11072	416	415	$\frac{9}{415}$	$\frac{53}{415}$	$\frac{181}{415}$	$\frac{203}{415}$	$\Phi_{415}\ \Phi_{83}\ \Phi_{5}\ \Phi_{1}^{2}$
11073	416	405	$\frac{11}{405}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{197}{405}$	$\Phi_{405}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
11074	416	35	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{9}{35}$	$\frac{17}{35}$	$\Phi_{35}^{12}\ \Phi_{7}^{12}\ \Phi_{5}^{11}\ \Phi_{1}^{12}$
11075	416	415	$\frac{13}{415}$	$\frac{77}{415}$	$\frac{107}{415}$	$\frac{201}{415}$	$\Phi_{415}\ \Phi_{83}\ \Phi_{5}\ \Phi_{1}^{2}$
11076	416	744	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{15}{31}$	$\Phi_{744}\ \Phi_{248}\ \Phi_{31}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
11077	416	465	$\frac{1}{31}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{465}\ \Phi_{155}\ \Phi_{31}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
11078	416	558	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{15}{31}$	$\Phi_{558}\ \Phi_{279}\ \Phi_{31}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
11079	416	496	$\frac{1}{31}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{496}\ \Phi_{248}\ \Phi_{31}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
11080	416	627	$\frac{7}{209}$	$\frac{27}{209}$	$\frac{1}{3}$	$\frac{101}{209}$	$\Phi_{627}\ \Phi_{57}\ \Phi_{33}$
11081	416	75	$\frac{1}{25}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{12}{25}$	$\Phi_{75}^{5}\ \Phi_{25}^{6}\ \Phi_{15}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
11082	416	225	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{225}^{2}\ \Phi_{75}\ \Phi_{45}^{2}\ \Phi_{25}^{2}\ \Phi_{15}\ \Phi_{9}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
11083	416	25	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{25}^{16}\ \Phi_{5}^{19}\ \Phi_{1}^{20}$
11084	416	415	$\frac{17}{415}$	$\frac{27}{415}$	$\frac{194}{415}$	$\frac{199}{415}$	$\Phi_{415}\ \Phi_{83}\ \Phi_{5}\ \Phi_{1}^{2}$
11085	416	315	$\frac{1}{21}$	$\frac{11}{63}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{315}^{2}\ \Phi_{105}\ \Phi_{45}^{2}\ \Phi_{35}\ \Phi_{15}$
11086	416	99	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{47}{99}$	$\Phi_{99}^{4}\ \Phi_{33}^{5}\ \Phi_{11}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
11087	416	57	$\frac{1}{19}$	$\frac{5}{57}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{57}^{7}\ \Phi_{19}^{8}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
11088	416	477	$\frac{3}{53}$	$\frac{1}{9}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{477}\ \Phi_{159}$
11089	416	83	$\frac{5}{83}$	$\frac{11}{83}$	$\frac{18}{83}$	$\frac{39}{83}$	$\Phi_{83}^{5}\ \Phi_{1}^{6}$
11090	416	245	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{23}{49}$	$\Phi_{245}^{2}\ \Phi_{35}^{3}\ \Phi_{5}^{2}$
11091	416	210	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{210}^{2}\ \Phi_{105}^{2}\ \Phi_{70}^{2}\ \Phi_{42}^{3}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
11092	416	15	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{15}^{28}\ \Phi_{5}^{27}\ \Phi_{3}^{28}\ \Phi_{1}^{28}$
11093	416	415	$\frac{29}{415}$	$\frac{38}{415}$	$\frac{111}{415}$	$\frac{193}{415}$	$\Phi_{415}\ \Phi_{83}\ \Phi_{5}\ \Phi_{1}^{2}$
11094	416	627	$\frac{14}{209}$	$\frac{15}{209}$	$\frac{1}{3}$	$\frac{97}{209}$	$\Phi_{627}\ \Phi_{57}\ \Phi_{33}$
11095	416	385	$\frac{31}{385}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{177}{385}$	$\Phi_{385}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}^{2}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
11096	416	408	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{408}^{2}\ \Phi_{136}^{2}\ \Phi_{51}$
11097	416	744	$\frac{1}{12}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{11}{24}$	$\Phi_{744}\ \Phi_{248}\ \Phi_{31}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
11098	416	360	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{360}^{3}\ \Phi_{120}^{2}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{15}$
11099	416	165	$\frac{3}{55}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{165}^{4}\ \Phi_{33}^{3}\ \Phi_{15}^{4}\ \Phi_{3}^{2}$
11100	416	154	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{154}^{3}\ \Phi_{77}^{3}\ \Phi_{22}^{3}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{2}^{2}$
11101	416	285	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{1}{3}$	$\frac{43}{95}$	$\Phi_{285}^{2}\ \Phi_{57}^{3}\ \Phi_{15}^{2}\ \Phi_{3}^{2}$
11102	416	306	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{306}^{2}\ \Phi_{153}\ \Phi_{102}^{2}\ \Phi_{51}\ \Phi_{34}^{2}$
11103	416	415	$\frac{23}{415}$	$\frac{49}{415}$	$\frac{116}{415}$	$\frac{183}{415}$	$\Phi_{415}\ \Phi_{83}\ \Phi_{5}\ \Phi_{1}^{2}$
11104	416	627	$\frac{9}{209}$	$\frac{25}{209}$	$\frac{1}{3}$	$\frac{92}{209}$	$\Phi_{627}\ \Phi_{57}\ \Phi_{33}$
11105	416	189	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{189}^{2}\ \Phi_{63}^{2}\ \Phi_{27}^{4}\ \Phi_{21}\ \Phi_{9}^{4}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
11106	416	119	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{4}{17}$	$\frac{3}{7}$	$\Phi_{119}^3\ \Phi_{17}^6\ \Phi_7^4\ \Phi_1^8$
11107	416	70	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{70}^8\ \Phi_{35}^7\ \Phi_{10}^8\ \Phi_5^6$
11108	416	45	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{1}{5}$	$\frac{19}{45}$	$\Phi_{45}^8\ \Phi_{15}^{12}\ \Phi_9^8\ \Phi_5^{11}\ \Phi_3^{12}\ \Phi_1^{12}$
11109	416	459	$\frac{1}{27}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{459}\ \Phi_{153}\ \Phi_{51}$
11110	416	175	$\frac{2}{35}$	$\frac{33}{175}$	$\frac{1}{5}$	$\frac{71}{175}$	$\Phi_{175}^2\ \Phi_{35}^4\ \Phi_{25}^2\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
11111	416	415	$\frac{19}{415}$	$\frac{79}{415}$	$\frac{99}{415}$	$\frac{168}{415}$	$\Phi_{415}\ \Phi_{83}\ \Phi_5\ \Phi_1^2$
11112	416	55	$\frac{3}{55}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{55}^8\ \Phi_{11}^8\ \Phi_5^3\ \Phi_1^4$
11113	416	462	$\frac{1}{14}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{77}\ \Phi_{66}\ \Phi_{42}\ \Phi_{22}\ \Phi_{21}\ \Phi_6$
11114	416	415	$\frac{27}{415}$	$\frac{64}{415}$	$\frac{97}{415}$	$\frac{159}{415}$	$\Phi_{415}\ \Phi_{83}\ \Phi_5\ \Phi_1^2$
11115	416	105	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{5}{21}$	$\frac{8}{21}$	$\Phi_{105}^5\ \Phi_{35}^5\ \Phi_{15}^5\ \Phi_5^4$
11116	416	415	$\frac{11}{415}$	$\frac{101}{415}$	$\frac{129}{415}$	$\frac{157}{415}$	$\Phi_{415}\ \Phi_{83}\ \Phi_5\ \Phi_1^2$
11117	416	627	$\frac{5}{209}$	$\frac{51}{209}$	$\frac{1}{3}$	$\frac{79}{209}$	$\Phi_{627}\ \Phi_{57}\ \Phi_{33}$
11118	416	315	$\frac{4}{105}$	$\frac{1}{5}$	$\frac{101}{315}$	$\frac{107}{315}$	$\Phi_{315}\ \Phi_{105}^2\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
11119	416	159	$\frac{1}{53}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{159}^3\ \Phi_{53}^2$
11120	416	309	$\frac{3}{103}$	$\frac{25}{103}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{309}\ \Phi_{103}^2\ \Phi_3^2\ \Phi_1^4$
11121	416	135	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{135}^4\ \Phi_{45}^4\ \Phi_{15}^3\ \Phi_5^2$
11122	416	255	$\frac{1}{17}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{255}^2\ \Phi_{85}^2\ \Phi_{51}$
11123	416	309	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{309}\ \Phi_{103}^2\ \Phi_3^2\ \Phi_1^4$
11124	416	126	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{126}^4\ \Phi_{63}^4\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^3\ \Phi_2^2$
11125	416	765	$\frac{2}{51}$	$\frac{1}{5}$	$\frac{49}{153}$	$\frac{1}{3}$	$\Phi_{765}\ \Phi_{45}\ \Phi_{15}$
11126	416	231	$\frac{1}{11}$	$\frac{23}{231}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{231}^2\ \Phi_{77}^2\ \Phi_{33}\ \Phi_{21}^2\ \Phi_7^2$
11127	416	297	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{297}$	$\frac{1}{3}$	$\Phi_{297}^2\ \Phi_{33}\ \Phi_{27}^2$
11128	416	630	$\frac{1}{14}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_6$
11129	416	306	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{306}^2\ \Phi_{153}^2\ \Phi_{51}$
11130	416	285	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{77}{285}$	$\frac{1}{3}$	$\Phi_{285}\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
11131	416	816	$\frac{1}{17}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{51}$
11132	416	255	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{255}^3\ \Phi_{15}^4$
11133	416	627	$\frac{13}{209}$	$\frac{40}{209}$	$\frac{49}{209}$	$\frac{1}{3}$	$\Phi_{627}\ \Phi_{57}\ \Phi_{33}$
11134	416	465	$\frac{3}{31}$	$\frac{2}{15}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{465}\ \Phi_{155}\ \Phi_{31}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
11135	416	33	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{1}{3}$	$\Phi_{33}^{13}\ \Phi_{11}^{12}\ \Phi_3^{12}\ \Phi_1^{12}$
11136	416	57	$\frac{5}{57}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{57}^7\ \Phi_{19}^8\ \Phi_3^6\ \Phi_1^8$
11137	416	210	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{42}^4\ \Phi_{30}^3\ \Phi_{21}^4\ \Phi_6^4$
11138	416	45	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{45}^{10}\ \Phi_{15}^7\ \Phi_9^{12}\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
11139	416	135	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{31}{135}$	$\frac{14}{45}$	$\Phi_{135}^4\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
11140	416	75	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{23}{75}$	$\Phi_{75}^8\ \Phi_{15}^8\ \Phi_5^3\ \Phi_3^8\ \Phi_1^4$
11141	416	735	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{43}{147}$	$\Phi_{735}\ \Phi_{105}\ \Phi_{35}\ \Phi_{15}$
11142	416	558	$\frac{3}{31}$	$\frac{1}{6}$	$\frac{7}{31}$	$\frac{5}{18}$	$\Phi_{558}\ \Phi_{279}\ \Phi_{31}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
11143	416	90	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{90}^5\ \Phi_{45}^6\ \Phi_{30}^6\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_5^6$
11144	416	225	$\frac{17}{225}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{225}^2\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
11145	416	135	$\frac{11}{135}$	$\frac{1}{5}$	$\frac{31}{135}$	$\frac{4}{15}$	$\Phi_{135}^3\ \Phi_{45}^3\ \Phi_{27}^3\ \Phi_{15}^4\ \Phi_9^3\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
11146	416	496	$\frac{3}{31}$	$\frac{3}{16}$	$\frac{7}{31}$	$\frac{1}{4}$	$\Phi_{496}\ \Phi_{248}\ \Phi_{31}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
11147	416	720	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{120}\ \Phi_{45}\ \Phi_{15}$
11148	416	15	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{15}^{32}\ \Phi_5^{19}\ \Phi_3^{32}\ \Phi_1^{20}$
11149	416	125	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{125}^4\ \Phi_5^3\ \Phi_1^4$
11150	417	560	$\frac{3}{140}$	$\frac{1}{4}$	$\frac{143}{560}$	$\frac{137}{280}$	$\Phi_{560}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
11151	417	272	$\frac{3}{136}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{133}{272}$	$\Phi_{272}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
11152	417	540	$\frac{4}{135}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{131}{270}$	$\Phi_{540}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
11153	417	256	$\frac{1}{32}$	$\frac{11}{128}$	$\frac{117}{256}$	$\frac{31}{64}$	$\Phi_{256}^3\ \Phi_{64}\ \Phi_1$
11154	417	192	$\frac{1}{32}$	$\frac{11}{64}$	$\frac{53}{192}$	$\frac{31}{64}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
11155	417	512	$\frac{1}{32}$	$\frac{95}{512}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{512}\ \Phi_{256}\ \Phi_{64}\ \Phi_1$
11156	417	168	$\frac{1}{28}$	$\frac{29}{168}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
11157	417	800	$\frac{17}{400}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{383}{800}$	$\Phi_{800}\ \Phi_{160}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
11158	417	532	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{127}{266}$	$\Phi_{532}\ \Phi_{133}\ \Phi_{76}\ \Phi_{28}^2\ \Phi_{19}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
11159	417	160	$\frac{1}{20}$	$\frac{21}{160}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{160}^3\ \Phi_{80}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
11160	417	784	$\frac{25}{392}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{367}{784}$	$\Phi_{784}\ \Phi_{112}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
11161	417	260	$\frac{9}{130}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{121}{260}$	$\Phi_{260}^3\ \Phi_{52}^3\ \Phi_{20}^3\ \Phi_{13}^2\ \Phi_4^3\ \Phi_1^3$
11162	417	260	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{121}{260}$	$\Phi_{260}\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{52}\ \Phi_{26}^2\ \Phi_{20}^3\ \Phi_{13}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
11163	417	572	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{155}{572}$	$\frac{131}{286}$	$\Phi_{572}\ \Phi_{143}\ \Phi_{52}\ \Phi_{44}\ \Phi_{11}\ \Phi_4\ \Phi_1$
11164	417	256	$\frac{1}{16}$	$\frac{11}{128}$	$\frac{5}{16}$	$\frac{117}{256}$	$\Phi_{256}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
11165	417	252	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{4}$	$\frac{113}{252}$	$\Phi_{252}\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_{12}\ \Phi_9^2\ \Phi_7^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
11166	417	192	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{53}{192}$	$\frac{43}{96}$	$\Phi_{192}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
11167	417	448	$\frac{31}{448}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
11168	417	440	$\frac{23}{440}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
11169	417	240	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{1}{4}$	$\frac{101}{240}$	$\Phi_{240}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
11170	417	224	$\frac{1}{28}$	$\frac{27}{112}$	$\frac{1}{4}$	$\frac{85}{224}$	$\Phi_{224}^3\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
11171	417	144	$\frac{5}{144}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{144}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
11172	417	156	$\frac{1}{13}$	$\frac{17}{156}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{156}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
11173	417	160	$\frac{1}{16}$	$\frac{21}{160}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{160}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
11174	417	420	$\frac{1}{35}$	$\frac{1}{4}$	$\frac{34}{105}$	$\frac{71}{210}$	$\Phi_{420}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
11175	417	208	$\frac{1}{52}$	$\frac{17}{52}$	$\frac{69}{208}$	$\frac{35}{104}$	$\Phi_{208}^3\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
11176	417	204	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{65}{204}$	$\Phi_{204}^3\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
11177	417	180	$\frac{1}{20}$	$\frac{41}{180}$	$\frac{1}{4}$	$\frac{19}{60}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
11178	417	192	$\frac{1}{16}$	$\frac{11}{64}$	$\frac{53}{192}$	$\frac{5}{16}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
11179	417	168	$\frac{1}{14}$	$\frac{29}{168}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{168}^3\ \Phi_{84}\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_7^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
11180	417	195	$\frac{1}{13}$	$\frac{9}{65}$	$\frac{56}{195}$	$\frac{4}{13}$	$\Phi_{195}^3\ \Phi_{39}^3\ \Phi_{15}^3\ \Phi_{13}^2\ \Phi_3^3\ \Phi_1^3$
11181	417	200	$\frac{17}{200}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{61}{200}$	$\Phi_{200}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
11182	417	196	$\frac{3}{28}$	$\frac{25}{196}$	$\frac{1}{4}$	$\frac{57}{196}$	$\Phi_{196}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
11183	417	300	$\frac{11}{150}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{300}^2\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
11184	417	180	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{180}$	$\frac{1}{4}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
11185	417	160	$\frac{21}{160}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{160}^3\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
11186	417	500	$\frac{3}{20}$	$\frac{83}{500}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
11187	418	414	$\frac{2}{207}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{205}{414}$	$\Phi_{414}^2\ \Phi_{138}^2\ \Phi_{46}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11188	418	840	$\frac{1}{70}$	$\frac{71}{280}$	$\frac{1}{3}$	$\frac{69}{140}$	$\Phi_{840}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
11189	418	1230	$\frac{4}{205}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{201}{410}$	$\Phi_{1230}\ \Phi_{246}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
11190	418	252	$\frac{1}{42}$	$\frac{43}{252}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11191	418	408	$\frac{5}{204}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{199}{408}$	$\Phi_{408}^2\ \Phi_{136}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11192	418	740	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{18}{37}$	$\Phi_{740}\ \Phi_{148}\ \Phi_{37}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
11193	418	555	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{18}{37}$	$\Phi_{555}\ \Phi_{111}\ \Phi_{37}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
11194	418	1218	$\frac{6}{203}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{197}{406}$	$\Phi_{1218}\ \Phi_{174}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
11195	418	405	$\frac{13}{405}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{196}{405}$	$\Phi_{405}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
11196	418	240	$\frac{1}{30}$	$\frac{31}{240}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11197	418	1200	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{191}{400}$	$\Phi_{1200}\ \Phi_{240}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
11198	418	252	$\frac{1}{21}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{10}{21}$	$\Phi_{252}^3\ \Phi_{84}^3\ \Phi_{36}^4\ \Phi_{28}^3\ \Phi_{21}\ \Phi_{12}^4\ \Phi_7\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
11199	418	21	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{21}^{20}\ \Phi_7^{20}\ \Phi_3^{19}\ \Phi_1^{20}$
11200	418	189	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{10}{21}$	$\Phi_{189}^3\ \Phi_{27}^4\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
11201	418	168	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{10}{21}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{12}^4\ \Phi_8^4\ \Phi_7\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
11202	418	36	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{36}^{10}\ \Phi_{18}^{12}\ \Phi_{12}^{12}\ \Phi_9^{12}\ \Phi_6^{14}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
11203	418	252	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{17}{36}$	$\Phi_{252}^3\ \Phi_{84}^3\ \Phi_{36}^4\ \Phi_{28}^3\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_7\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
11204	418	1176	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{183}{392}$	$\Phi_{1176}\ \Phi_{168}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_6$
11205	418	672	$\frac{15}{224}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{96}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_6$
11206	418	390	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{1}{3}$	$\frac{181}{390}$	$\Phi_{390}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11207	418	156	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{156}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{26}\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
11208	418	60	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{60}^{10}\ \Phi_{30}^{11}\ \Phi_{15}^{11}\ \Phi_{12}^{10}\ \Phi_6^{11}\ \Phi_3^{10}$
11209	418	378	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{1}{3}$	$\frac{169}{378}$	$\Phi_{378}^2\ \Phi_{126}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11210	418	360	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{1}{3}$	$\frac{151}{360}$	$\Phi_{360}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11211	418	216	$\frac{7}{216}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11212	418	736	$\frac{1}{23}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{736}\ \Phi_{92}\ \Phi_{46}$
11213	418	1050	$\frac{1}{35}$	$\frac{34}{175}$	$\frac{1}{3}$	$\frac{141}{350}$	$\Phi_{1050}\ \Phi_{210}\ \Phi_{150}\ \Phi_{105}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
11214	418	234	$\frac{1}{39}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{234}^3\ \Phi_{78}^3\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11215	418	336	$\frac{1}{42}$	$\frac{41}{168}$	$\frac{1}{3}$	$\frac{127}{336}$	$\Phi_{336}^2\ \Phi_{112}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11216	418	624	$\frac{1}{39}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{624}\ \Phi_{208}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{26}\ \Phi_{12}\ \Phi_6$
11217	418	552	$\frac{1}{23}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
11218	418	690	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{690}\ \Phi_{230}\ \Phi_{138}\ \Phi_{115}\ \Phi_{46}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
11219	418	315	$\frac{2}{105}$	$\frac{103}{315}$	$\frac{1}{3}$	$\frac{106}{315}$	$\Phi_{315}\ \Phi_{105}^2\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
11220	418	276	$\frac{2}{69}$	$\frac{67}{276}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11221	418	216	$\frac{7}{216}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11222	418	84	$\frac{1}{12}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{84}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{21}^4\ \Phi_{14}^6\ \Phi_{12}^2\ \Phi_7^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11223	418	270	$\frac{1}{30}$	$\frac{61}{270}$	$\frac{29}{90}$	$\frac{1}{3}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11224	418	252	$\frac{1}{21}$	$\frac{43}{252}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11225	418	306	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{97}{306}$	$\frac{1}{3}$	$\Phi_{306}^2\ \Phi_{153}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11226	418	300	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{300}$	$\frac{1}{3}$	$\Phi_{300}\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11227	418	108	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{108}^6\ \Phi_{54}^6\ \Phi_{27}^4\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11228	418	294	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{85}{294}$	$\frac{1}{3}$	$\Phi_{294}\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11229	418	225	$\frac{16}{225}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{225}^2\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
11230	418	60	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{60}^6\ \Phi_{30}^6\ \Phi_{20}^{10}\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_{10}^{10}\ \Phi_6^6\ \Phi_5^8\ \Phi_4^{10}\ \Phi_3^4\ \Phi_2^{10}\ \Phi_1^8$
11231	418	270	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{61}{270}$	$\frac{1}{3}$	$\Phi_{270}^2\ \Phi_{135}\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11232	418	240	$\frac{1}{10}$	$\frac{31}{240}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{240}^2\ \Phi_{120}\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11233	418	180	$\frac{1}{12}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11234	418	42	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{42}^{12}\ \Phi_{21}^7\ \Phi_{14}^{14}\ \Phi_7^8\ \Phi_6^{12}\ \Phi_3^6\ \Phi_2^{14}\ \Phi_1^8$
11235	418	24	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{24}^{22}\ \Phi_{12}^{12}\ \Phi_8^{22}\ \Phi_6^{14}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
11236	418	750	$\frac{1}{10}$	$\frac{41}{250}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{750}\ \Phi_{375}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
11237	418	378	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{8}{27}$	$\Phi_{378}^2\ \Phi_{189}\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
11238	418	168	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{3}{14}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{24}^4\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_8^4\ \Phi_7\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
11239	419	760	$\frac{1}{38}$	$\frac{39}{380}$	$\frac{341}{760}$	$\frac{37}{76}$	$\Phi_{760}\ \Phi_{152}\ \Phi_{76}\ \Phi_{40}\ \Phi_8\ \Phi_4\ \Phi_1$
11240	419	792	$\frac{1}{22}$	$\frac{23}{396}$	$\frac{373}{792}$	$\frac{21}{44}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{24}\ \Phi_8\ \Phi_4\ \Phi_1$
11241	419	528	$\frac{1}{22}$	$\frac{23}{132}$	$\frac{109}{528}$	$\frac{21}{44}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{88}\ \Phi_{48}\ \Phi_{44}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
11242	419	792	$\frac{23}{396}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{373}{792}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{88}\ \Phi_{72}\ \Phi_{33}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
11243	419	572	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{153}{572}$	$\frac{133}{286}$	$\Phi_{572}\ \Phi_{143}\ \Phi_{52}\ \Phi_{44}\ \Phi_{13}\ \Phi_4\ \Phi_1$
11244	419	704	$\frac{1}{22}$	$\frac{67}{352}$	$\frac{21}{88}$	$\frac{285}{704}$	$\Phi_{704}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_8\ \Phi_4\ \Phi_1$
11245	419	684	$\frac{1}{38}$	$\frac{77}{342}$	$\frac{37}{114}$	$\frac{265}{684}$	$\Phi_{684}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{36}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
11246	419	528	$\frac{1}{22}$	$\frac{109}{528}$	$\frac{21}{88}$	$\frac{67}{176}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
11247	419	608	$\frac{1}{38}$	$\frac{37}{152}$	$\frac{189}{608}$	$\frac{115}{304}$	$\Phi_{608}\ \Phi_{152}\ \Phi_{76}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
11248	419	660	$\frac{1}{22}$	$\frac{21}{110}$	$\frac{89}{330}$	$\frac{241}{660}$	$\Phi_{660}\ \Phi_{220}\ \Phi_{132}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
11249	419	462	$\frac{1}{11}$	$\frac{43}{462}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{77}\ \Phi_{42}\ \Phi_{33}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_3\ \Phi_1$
11250	419	594	$\frac{1}{11}$	$\frac{23}{198}$	$\frac{175}{594}$	$\frac{10}{33}$	$\Phi_{594}\ \Phi_{297}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_3\ \Phi_1$
11251	419	495	$\frac{1}{11}$	$\frac{76}{495}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1$
11252	419	528	$\frac{1}{11}$	$\frac{23}{132}$	$\frac{109}{528}$	$\frac{10}{33}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{88}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_3\ \Phi_1$
11253	420	624	$\frac{1}{104}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{103}{208}$	$\Phi_{624}\ \Phi_{208}^2\ \Phi_{48}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
11254	420	664	$\frac{1}{83}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{41}{83}$	$\Phi_{664}\ \Phi_{83}\ \Phi_8^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
11255	420	345	$\frac{1}{69}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{34}{69}$	$\Phi_{345}\ \Phi_{115}\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
11256	420	276	$\frac{1}{69}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{34}{69}$	$\Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
11257	420	419	$\frac{7}{419}$	$\frac{71}{419}$	$\frac{174}{419}$	$\frac{206}{419}$	$\Phi_{419}\ \Phi_1^2$
11258	420	708	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{29}{59}$	$\Phi_{708}\ \Phi_{236}\ \Phi_{59}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
11259	420	531	$\frac{1}{59}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{29}{59}$	$\Phi_{531}\ \Phi_{59}\ \Phi_9^2\ \Phi_1^2$
11260	420	188	$\frac{1}{47}$	$\frac{1}{4}$	$\frac{12}{47}$	$\frac{23}{47}$	$\Phi_{188}^3\ \Phi_{94}^3\ \Phi_4^2\ \Phi_2^2$
11261	420	419	$\frac{9}{419}$	$\frac{104}{419}$	$\frac{107}{419}$	$\frac{205}{419}$	$\Phi_{419}\ \Phi_1^2$
11262	420	633	$\frac{5}{211}$	$\frac{36}{211}$	$\frac{1}{3}$	$\frac{103}{211}$	Φ_{633}
11263	420	369	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{20}{41}$	$\Phi_{369}\ \Phi_{123}\ \Phi_{41}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
11264	420	246	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{246}^2\ \Phi_{123}\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
11265	420	419	$\frac{11}{419}$	$\frac{43}{419}$	$\frac{188}{419}$	$\frac{204}{419}$	$\Phi_{419}\ \Phi_1^2$
11266	420	748	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{33}{68}$	$\Phi_{748}\ \Phi_{68}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
11267	420	1428	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{1428}\ \Phi_{84}\ \Phi_{21}$
11268	420	748	$\frac{1}{34}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{33}{68}$	$\Phi_{748}\ \Phi_{68}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
11269	420	340	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{340}\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
11270	420	377	$\frac{1}{29}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{14}{29}$	$\Phi_{377}\ \Phi_{29}^2\ \Phi_{13}^2\ \Phi_1^4$
11271	420	696	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
11272	420	510	$\frac{3}{85}$	$\frac{1}{6}$	$\frac{22}{85}$	$\frac{41}{85}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
11273	420	419	$\frac{15}{419}$	$\frac{31}{419}$	$\frac{194}{419}$	$\frac{202}{419}$	$\Phi_{419}\ \Phi_1^2$
11274	420	756	$\frac{1}{27}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{13}{27}$	$\Phi_{756}\ \Phi_{252}\ \Phi_{108}\ \Phi_{84}\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
11275	420	189	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{13}{27}$	$\Phi_{189}^2\ \Phi_{63}^2\ \Phi_{27}^3\ \Phi_{21}^2\ \Phi_9^3\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
11276	420	108	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{108}^5\ \Phi_{54}^2\ \Phi_{36}^5\ \Phi_{27}^3\ \Phi_{18}^2\ \Phi_{12}^7\ \Phi_9^3\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
11277	420	419	$\frac{17}{419}$	$\frac{62}{419}$	$\frac{109}{419}$	$\frac{201}{419}$	$\Phi_{419}\ \Phi_1^2$
11278	420	633	$\frac{9}{211}$	$\frac{22}{211}$	$\frac{1}{3}$	$\frac{101}{211}$	Φ_{633}
11279	420	488	$\frac{3}{61}$	$\frac{1}{8}$	$\frac{16}{61}$	$\frac{29}{61}$	$\Phi_{488}\ \Phi_{244}\ \Phi_{122}$
11280	420	760	$\frac{1}{20}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{19}{40}$	$\Phi_{760}\ \Phi_{152}\ \Phi_{40}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_1^2$
11281	420	1320	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{1320}\ \Phi_{264}\ \Phi_{33}$
11282	420	760	$\frac{1}{20}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{19}{40}$	$\Phi_{760}\ \Phi_{152}\ \Phi_{40}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_1^2$
11283	420	120	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{120}^8\ \Phi_{40}^4\ \Phi_{30}\ \Phi_{24}^8\ \Phi_{15}\ \Phi_{10}\ \Phi_8^4$
11284	420	419	$\frac{21}{419}$	$\frac{44}{419}$	$\frac{125}{419}$	$\frac{199}{419}$	$\Phi_{419}\ \Phi_1^2$
11285	420	190	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{9}{19}$	$\Phi_{190}^2\ \Phi_{95}^2\ \Phi_{38}^2\ \Phi_{19}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
11286	420	152	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{152}^3\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
11287	420	475	$\frac{1}{19}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{475}\ \Phi_{25}^2\ \Phi_{19}\ \Phi_1^2$
11288	420	102	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{102}^5\ \Phi_{51}^5\ \Phi_{34}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
11289	420	419	$\frac{25}{419}$	$\frac{44}{419}$	$\frac{111}{419}$	$\frac{197}{419}$	$\Phi_{419}\ \Phi_1^2$
11290	420	419	$\frac{25}{419}$	$\frac{69}{419}$	$\frac{74}{419}$	$\frac{197}{419}$	$\Phi_{419}\ \Phi_1^2$
11291	420	858	$\frac{2}{33}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{858}\ \Phi_{286}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
11292	420	633	$\frac{13}{211}$	$\frac{16}{211}$	$\frac{1}{3}$	$\frac{99}{211}$	Φ_{633}
11293	420	188	$\frac{3}{47}$	$\frac{5}{47}$	$\frac{1}{4}$	$\frac{22}{47}$	$\Phi_{188}^3\ \Phi_{94}^3\ \Phi_4^2\ \Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
11294	420	419	$\frac{29}{419}$	$\frac{32}{419}$	$\frac{129}{419}$	$\frac{195}{419}$	$\Phi_{419}\ \Phi_1^2$
11295	420	420	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{420}^2\ \Phi_{140}^2\ \Phi_{84}\ \Phi_{60}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
11296	420	252	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{13}{28}$	$\Phi_{252}^3\ \Phi_{84}^3\ \Phi_{36}^3\ \Phi_{28}^4\ \Phi_{12}^3\ \Phi_9^3\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
11297	420	280	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{280}^2\ \Phi_{140}\ \Phi_{70}^2\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
11298	420	624	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
11299	420	377	$\frac{2}{29}$	$\frac{1}{13}$	$\frac{9}{29}$	$\frac{6}{13}$	$\Phi_{377}\ \Phi_{29}^2\ \Phi_{13}^2\ \Phi_1^4$
11300	420	572	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{572}\ \Phi_{286}\ \Phi_{44}^2\ \Phi_{22}^2$
11301	420	377	$\frac{1}{13}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{6}{13}$	$\Phi_{377}\ \Phi_{29}^2\ \Phi_{13}^2\ \Phi_1^4$
11302	420	546	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{546}\ \Phi_{273}\ \Phi_{182}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
11303	420	488	$\frac{5}{61}$	$\frac{1}{8}$	$\frac{11}{61}$	$\frac{28}{61}$	$\Phi_{488}\ \Phi_{244}\ \Phi_{122}$
11304	420	624	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{624}\ \Phi_{208}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
11305	420	419	$\frac{37}{419}$	$\frac{49}{419}$	$\frac{76}{419}$	$\frac{191}{419}$	$\Phi_{419}\ \Phi_1^2$
11306	420	561	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{16}{51}$	$\frac{5}{11}$	$\Phi_{561}\ \Phi_{51}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
11307	420	187	$\frac{1}{11}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{11}$	$\Phi_{187}^2\ \Phi_{17}^4\ \Phi_{11}^3\ \Phi_1^6$
11308	420	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_{11}\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
11309	420	564	$\frac{11}{141}$	$\frac{13}{141}$	$\frac{1}{4}$	$\frac{64}{141}$	$\Phi_{564}\ \Phi_{282}\ \Phi_{188}\ \Phi_{94}\ \Phi_{12}\ \Phi_6$
11310	420	832	$\frac{1}{13}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{832}\ \Phi_{52}\ \Phi_{26}$
11311	420	419	$\frac{23}{419}$	$\frac{41}{419}$	$\frac{132}{419}$	$\frac{189}{419}$	$\Phi_{419}\ \Phi_1^2$
11312	420	464	$\frac{1}{16}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}$
11313	420	198	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_6^3\ \Phi_2^2$
11314	420	369	$\frac{2}{41}$	$\frac{1}{9}$	$\frac{13}{41}$	$\frac{4}{9}$	$\Phi_{369}\ \Phi_{123}\ \Phi_{41}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
11315	420	180	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^4\ \Phi_{36}^2\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
11316	420	369	$\frac{1}{9}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{4}{9}$	$\Phi_{369}\ \Phi_{123}\ \Phi_{41}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
11317	420	504	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
11318	420	473	$\frac{1}{11}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	Φ_{473}
11319	420	419	$\frac{39}{419}$	$\frac{49}{419}$	$\frac{76}{419}$	$\frac{185}{419}$	$\Phi_{419}\ \Phi_1^2$
11320	420	419	$\frac{47}{419}$	$\frac{51}{419}$	$\frac{62}{419}$	$\frac{184}{419}$	$\Phi_{419}\ \Phi_1^2$
11321	420	497	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{1}{7}$	$\frac{31}{71}$	Φ_{497}
11322	420	510	$\frac{8}{85}$	$\frac{11}{85}$	$\frac{1}{6}$	$\frac{37}{85}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
11323	420	419	$\frac{34}{419}$	$\frac{55}{419}$	$\frac{79}{419}$	$\frac{182}{419}$	$\Phi_{419}\ \Phi_1^2$
11324	420	564	$\frac{8}{141}$	$\frac{19}{141}$	$\frac{1}{4}$	$\frac{61}{141}$	$\Phi_{564}\ \Phi_{282}\ \Phi_{188}\ \Phi_{94}\ \Phi_{12}\ \Phi_6$
11325	420	419	$\frac{17}{419}$	$\frac{57}{419}$	$\frac{134}{419}$	$\frac{181}{419}$	$\Phi_{419}\ \Phi_1^2$
11326	420	419	$\frac{20}{419}$	$\frac{57}{419}$	$\frac{119}{419}$	$\frac{181}{419}$	$\Phi_{419}\ \Phi_1^2$
11327	420	419	$\frac{34}{419}$	$\frac{57}{419}$	$\frac{77}{419}$	$\frac{181}{419}$	$\Phi_{419}\ \Phi_1^2$
11328	420	633	$\frac{8}{211}$	$\frac{29}{211}$	$\frac{1}{3}$	$\frac{91}{211}$	Φ_{633}
11329	420	154	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{154}^3\ \Phi_{77}^3\ \Phi_{22}^2\ \Phi_{14}^3\ \Phi_{11}^2\ \Phi_2^2$
11330	420	419	$\frac{48}{419}$	$\frac{53}{419}$	$\frac{61}{419}$	$\frac{179}{419}$	$\Phi_{419}\ \Phi_1^2$
11331	420	488	$\frac{7}{61}$	$\frac{1}{8}$	$\frac{9}{61}$	$\frac{26}{61}$	$\Phi_{488}\ \Phi_{244}\ \Phi_{122}$
11332	420	510	$\frac{7}{85}$	$\frac{13}{85}$	$\frac{1}{6}$	$\frac{36}{85}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
11333	420	465	$\frac{1}{15}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{465}\ \Phi_{155}\ \Phi_{93}$
11334	420	372	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{372}^2\ \Phi_{124}^2\ \Phi_{93}$
11335	420	708	$\frac{2}{59}$	$\frac{1}{6}$	$\frac{19}{59}$	$\frac{5}{12}$	$\Phi_{708}\ \Phi_{236}\ \Phi_{59}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
11336	420	84	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{84}^4\ \Phi_{42}^7\ \Phi_{28}^4\ \Phi_{21}^6\ \Phi_{14}^7\ \Phi_{12}^3\ \Phi_7^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
11337	420	708	$\frac{3}{59}$	$\frac{1}{6}$	$\frac{14}{59}$	$\frac{5}{12}$	$\Phi_{708}\ \Phi_{236}\ \Phi_{59}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
11338	420	240	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^3\ \Phi_{60}\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
11339	420	708	$\frac{4}{59}$	$\frac{1}{6}$	$\frac{11}{59}$	$\frac{5}{12}$	$\Phi_{708}\ \Phi_{236}\ \Phi_{59}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
11340	420	156	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{156}^5\ \Phi_{78}\ \Phi_{52}^5\ \Phi_{39}\ \Phi_{26}$
11341	420	708	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{708}\ \Phi_{236}\ \Phi_{59}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
11342	420	924	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{77}$
11343	420	419	$\frac{35}{419}$	$\frac{64}{419}$	$\frac{71}{419}$	$\frac{174}{419}$	$\Phi_{419}\ \Phi_1^2$
11344	420	419	$\frac{41}{419}$	$\frac{54}{419}$	$\frac{73}{419}$	$\frac{173}{419}$	$\Phi_{419}\ \Phi_1^2$
11345	420	488	$\frac{6}{61}$	$\frac{1}{8}$	$\frac{11}{61}$	$\frac{25}{61}$	$\Phi_{488}\ \Phi_{244}\ \Phi_{122}$
11346	420	497	$\frac{6}{71}$	$\frac{1}{7}$	$\frac{13}{71}$	$\frac{29}{71}$	Φ_{497}
11347	420	419	$\frac{24}{419}$	$\frac{79}{419}$	$\frac{83}{419}$	$\frac{170}{419}$	$\Phi_{419}\ \Phi_1^2$
11348	420	188	$\frac{2}{47}$	$\frac{9}{47}$	$\frac{1}{4}$	$\frac{19}{47}$	$\Phi_{188}^3\ \Phi_{94}^3\ \Phi_4^2\ \Phi_2^2$
11349	420	419	$\frac{14}{419}$	$\frac{81}{419}$	$\frac{125}{419}$	$\frac{169}{419}$	$\Phi_{419}\ \Phi_1^2$
11350	420	633	$\frac{6}{211}$	$\frac{41}{211}$	$\frac{1}{3}$	$\frac{85}{211}$	Φ_{633}
11351	420	180	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^4\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_9^4\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
11352	420	310	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{310}^2\ \Phi_{155}\ \Phi_{62}^2$
11353	420	230	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{11}{46}$	$\frac{2}{5}$	$\Phi_{230}^2\ \Phi_{115}\ \Phi_{46}^4\ \Phi_{23}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^4\ \Phi_1^4$
11354	420	345	$\frac{4}{69}$	$\frac{13}{69}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{345}\ \Phi_{115}\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
11355	420	30	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{30}^{17}\ \Phi_{15}^{11}\ \Phi_{10}^{17}\ \Phi_6^{16}\ \Phi_5^{12}\ \Phi_3^{10}\ \Phi_2^{16}\ \Phi_1^{12}$
11356	420	115	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{115}^3\ \Phi_{23}^6\ \Phi_5^4\ \Phi_1^8$
11357	420	440	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}^2$
11358	420	468	$\frac{1}{36}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
11359	420	102	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{102}^5\ \Phi_{51}^5\ \Phi_{34}\ \Phi_{17}^4\ \Phi_6^4\ \Phi_3^4\ \Phi_1^4$
11360	420	1032	$\frac{1}{43}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1032}\ \Phi_{129}$
11361	420	664	$\frac{2}{83}$	$\frac{1}{4}$	$\frac{27}{83}$	$\frac{3}{8}$	$\Phi_{664}\ \Phi_{83}\ \Phi_8^2\ \Phi_1^2$
11362	420	232	$\frac{1}{29}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{232}^3\ \Phi_{116}\ \Phi_{58}$
11363	420	664	$\frac{3}{83}$	$\frac{20}{83}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{664}\ \Phi_{83}\ \Phi_8^2\ \Phi_1^2$
11364	420	440	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^2\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}\ \Phi_{10}$
11365	420	664	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{664}\ \Phi_{83}\ \Phi_8^2\ \Phi_1^2$
11366	420	840	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
11367	420	664	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{664}\ \Phi_{83}\ \Phi_8^2\ \Phi_1^2$
11368	420	104	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{104}^4\ \Phi_{52}^5\ \Phi_{26}^5\ \Phi_{13}^4$
11369	420	419	$\frac{19}{419}$	$\frac{80}{419}$	$\frac{113}{419}$	$\frac{153}{419}$	$\Phi_{419}\ \Phi_1^2$
11370	420	419	$\frac{27}{419}$	$\frac{56}{419}$	$\frac{121}{419}$	$\frac{149}{419}$	$\Phi_{419}\ \Phi_1^2$
11371	420	465	$\frac{1}{15}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{465}\ \Phi_{155}\ \Phi_{93}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
11372	420	702	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{702}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
11373	420	473	$\frac{1}{11}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	Φ_{473}
11374	420	419	$\frac{38}{419}$	$\frac{39}{419}$	$\frac{127}{419}$	$\frac{146}{419}$	$\Phi_{419}\ \Phi_{1}^{2}$
11375	420	488	$\frac{4}{61}$	$\frac{1}{8}$	$\frac{19}{61}$	$\frac{21}{61}$	$\Phi_{488}\ \Phi_{244}\ \Phi_{122}$
11376	420	419	$\frac{26}{419}$	$\frac{55}{419}$	$\frac{131}{419}$	$\frac{144}{419}$	$\Phi_{419}\ \Phi_{1}^{2}$
11377	420	510	$\frac{4}{85}$	$\frac{1}{6}$	$\frac{27}{85}$	$\frac{29}{85}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
11378	420	419	$\frac{8}{419}$	$\frac{137}{419}$	$\frac{139}{419}$	$\frac{141}{419}$	$\Phi_{419}\ \Phi_{1}^{2}$
11379	420	633	$\frac{4}{211}$	$\frac{69}{211}$	$\frac{1}{3}$	$\frac{71}{211}$	Φ_{633}
11380	420	156	$\frac{1}{52}$	$\frac{17}{52}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{4}\ \Phi_{39}^{2}\ \Phi_{26}^{4}\ \Phi_{13}^{4}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
11381	420	36	$\frac{1}{36}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{36}^{12}\ \Phi_{18}^{12}\ \Phi_{12}^{11}\ \Phi_{9}^{12}\ \Phi_{6}^{11}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
11382	420	279	$\frac{1}{31}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{279}^{2}\ \Phi_{93}$
11383	420	78	$\frac{1}{26}$	$\frac{5}{26}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{78}^{4}\ \Phi_{39}^{4}\ \Phi_{26}^{8}\ \Phi_{13}^{8}\ \Phi_{6}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
11384	420	66	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{66}^{7}\ \Phi_{33}^{7}\ \Phi_{22}^{6}\ \Phi_{11}^{6}\ \Phi_{6}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
11385	420	156	$\frac{3}{52}$	$\frac{7}{52}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{4}\ \Phi_{39}^{2}\ \Phi_{26}^{4}\ \Phi_{13}^{4}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
11386	420	48	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{48}^{7}\ \Phi_{24}^{6}\ \Phi_{16}^{14}\ \Phi_{12}^{6}\ \Phi_{8}^{12}\ \Phi_{6}^{6}\ \Phi_{4}^{12}\ \Phi_{3}^{7}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
11387	420	39	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{39}^{11}\ \Phi_{13}^{10}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
11388	420	828	$\frac{2}{69}$	$\frac{1}{4}$	$\frac{67}{207}$	$\frac{1}{3}$	$\Phi_{828}\ \Phi_{414}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
11389	420	531	$\frac{2}{59}$	$\frac{2}{9}$	$\frac{19}{59}$	$\frac{1}{3}$	$\Phi_{531}\ \Phi_{59}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
11390	420	246	$\frac{2}{41}$	$\frac{1}{6}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{246}^{2}\ \Phi_{123}\ \Phi_{82}^{2}\ \Phi_{41}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
11391	420	357	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{357}\ \Phi_{119}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}$
11392	420	633	$\frac{13}{211}$	$\frac{29}{211}$	$\frac{66}{211}$	$\frac{1}{3}$	Φ_{633}
11393	420	696	$\frac{2}{29}$	$\frac{1}{8}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
11394	420	633	$\frac{19}{211}$	$\frac{21}{211}$	$\frac{64}{211}$	$\frac{1}{3}$	Φ_{633}
11395	420	330	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{330}^{2}\ \Phi_{165}^{2}\ \Phi_{66}^{2}\ \Phi_{33}^{3}$
11396	420	633	$\frac{15}{211}$	$\frac{28}{211}$	$\frac{61}{211}$	$\frac{1}{3}$	Φ_{633}
11397	420	105	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{105}^{4}\ \Phi_{35}^{4}\ \Phi_{21}^{2}\ \Phi_{15}^{6}\ \Phi_{7}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
11398	420	633	$\frac{11}{211}$	$\frac{40}{211}$	$\frac{57}{211}$	$\frac{1}{3}$	Φ_{633}
11399	420	594	$\frac{1}{22}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{594}\ \Phi_{297}\ \Phi_{66}\ \Phi_{54}\ \Phi_{33}\ \Phi_{6}$
11400	420	276	$\frac{1}{23}$	$\frac{11}{46}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{276}^{3}\ \Phi_{138}\ \Phi_{69}^{2}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
11401	420	252	$\frac{1}{21}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^{3}\ \Phi_{126}^{3}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}^{2}\ \Phi_{28}\ \Phi_{18}^{2}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
11402	420	276	$\frac{4}{69}$	$\frac{13}{69}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{276}^{2}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
11403	420	60	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^{10}\ \Phi_{30}^{4}\ \Phi_{20}^{10}\ \Phi_{15}^{6}\ \Phi_{12}^{7}\ \Phi_{10}^{4}\ \Phi_{6}^{3}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
11404	420	276	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{276}^{3}\ \Phi_{138}^{3}\ \Phi_{12}^{4}\ \Phi_{6}^{4}$
11405	420	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{264}^{3}\ \Phi_{132}^{2}\ \Phi_{66}^{2}\ \Phi_{33}^{3}$
11406	420	531	$\frac{3}{59}$	$\frac{2}{9}$	$\frac{14}{59}$	$\frac{1}{3}$	$\Phi_{531}\ \Phi_{59}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
11407	420	720	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
11408	420	531	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{531}\ \Phi_{59}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
11409	420	234	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{234}^{3}\ \Phi_{117}^{2}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
11410	420	531	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{531}\ \Phi_{59}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
11411	420	693	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{693}\ \Phi_{77}$
11412	420	825	$\frac{1}{11}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{825}\ \Phi_{33}$
11413	420	357	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{357}^2\ \Phi_{21}^3$
11414	420	633	$\frac{26}{211}$	$\frac{29}{211}$	$\frac{37}{211}$	$\frac{1}{3}$	Φ_{633}
11415	420	696	$\frac{1}{8}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
11416	420	633	$\frac{25}{211}$	$\frac{31}{211}$	$\frac{36}{211}$	$\frac{1}{3}$	Φ_{633}
11417	420	246	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{246}^2\ \Phi_{123}\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
11418	420	168	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{56}^4\ \Phi_{42}\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2$
11419	420	561	$\frac{1}{17}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{16}{51}$	$\Phi_{561}\ \Phi_{51}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
11420	420	1020	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
11421	420	190	$\frac{1}{10}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{3}{10}$	$\Phi_{190}^2\ \Phi_{95}^2\ \Phi_{38}^2\ \Phi_{19}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
11422	420	30	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{30}^{17}\ \Phi_{15}^{17}\ \Phi_{10}^9\ \Phi_6^{16}\ \Phi_5^8\ \Phi_3^{16}\ \Phi_2^8\ \Phi_1^8$
11423	420	419	$\frac{47}{419}$	$\frac{59}{419}$	$\frac{90}{419}$	$\frac{124}{419}$	$\Phi_{419}\ \Phi_1^2$
11424	420	102	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{102}^5\ \Phi_{51}^5\ \Phi_{34}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
11425	420	419	$\frac{50}{419}$	$\frac{69}{419}$	$\frac{74}{419}$	$\frac{123}{419}$	$\Phi_{419}\ \Phi_1^2$
11426	420	530	$\frac{13}{106}$	$\frac{15}{106}$	$\frac{1}{5}$	$\frac{31}{106}$	$\Phi_{530}\ \Phi_{265}\ \Phi_{10}$
11427	420	63	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{2}{7}$	$\Phi_{63}^6\ \Phi_{21}^6\ \Phi_9^9\ \Phi_7^8\ \Phi_3^9\ \Phi_1^{12}$
11428	420	280	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{280}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3$
11429	420	419	$\frac{43}{419}$	$\frac{65}{419}$	$\frac{94}{419}$	$\frac{118}{419}$	$\Phi_{419}\ \Phi_1^2$
11430	420	488	$\frac{1}{8}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	$\Phi_{488}\ \Phi_{244}\ \Phi_{122}$
11431	420	419	$\frac{49}{419}$	$\frac{74}{419}$	$\frac{76}{419}$	$\frac{115}{419}$	$\Phi_{419}\ \Phi_1^2$
11432	420	530	$\frac{11}{106}$	$\frac{19}{106}$	$\frac{1}{5}$	$\frac{29}{106}$	$\Phi_{530}\ \Phi_{265}\ \Phi_{10}$
11433	420	187	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{187}^2\ \Phi_{17}^4\ \Phi_{11}^3\ \Phi_1^6$
11434	420	264	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_{11}\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
11435	420	624	$\frac{1}{13}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
11436	420	419	$\frac{44}{419}$	$\frac{75}{419}$	$\frac{86}{419}$	$\frac{111}{419}$	$\Phi_{419}\ \Phi_1^2$
11437	420	488	$\frac{1}{8}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{488}\ \Phi_{244}\ \Phi_{122}$
11438	420	419	$\frac{51}{419}$	$\frac{62}{419}$	$\frac{92}{419}$	$\frac{109}{419}$	$\Phi_{419}\ \Phi_1^2$
11439	420	510	$\frac{9}{85}$	$\frac{1}{6}$	$\frac{19}{85}$	$\frac{22}{85}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
11440	420	36	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{36}^{15}\ \Phi_{18}^6\ \Phi_{12}^{17}\ \Phi_9^9\ \Phi_6^7\ \Phi_4^{16}\ \Phi_3^{10}\ \Phi_2^6\ \Phi_1^{10}$
11441	420	564	$\frac{17}{141}$	$\frac{22}{141}$	$\frac{31}{141}$	$\frac{1}{4}$	$\Phi_{564}\ \Phi_{282}\ \Phi_{188}\ \Phi_{94}\ \Phi_{12}\ \Phi_6$
11442	420	152	$\frac{1}{8}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{152}^3\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
11443	420	564	$\frac{16}{141}$	$\frac{25}{141}$	$\frac{29}{141}$	$\frac{1}{4}$	$\Phi_{564}\ \Phi_{282}\ \Phi_{188}\ \Phi_{94}\ \Phi_{12}\ \Phi_6$
11444	420	340	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{340}^2\ \Phi_{170}^2\ \Phi_{20}^3\ \Phi_{10}^3$
11445	420	120	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{120}^6\ \Phi_{60}^4\ \Phi_{40}^3\ \Phi_{30}^5\ \Phi_{20}^2\ \Phi_{15}^5\ \Phi_{10}^3\ \Phi_5^2$
11446	420	475	$\frac{3}{19}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{475}\ \Phi_{25}^2\ \Phi_{19}\ \Phi_1^2$
11447	420	150	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{150}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
11448	421	672	$\frac{1}{84}$	$\frac{85}{336}$	$\frac{251}{672}$	$\frac{83}{168}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{168}\ \Phi_{96}\ \Phi_{56}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
11449	421	832	$\frac{5}{416}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{411}{832}$	$\Phi_{832}\ \Phi_{64}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
11450	421	564	$\frac{2}{141}$	$\frac{143}{564}$	$\frac{1}{3}$	$\frac{139}{282}$	$\Phi_{564}\ \Phi_{188}\ \Phi_{141}\ \Phi_{47}\ \Phi_{12}\ \Phi_4\ \Phi_1$
11451	421	720	$\frac{1}{60}$	$\frac{61}{360}$	$\frac{299}{720}$	$\frac{59}{120}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
11452	421	828	$\frac{7}{414}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{407}{828}$	$\Phi_{828}\ \Phi_{276}\ \Phi_{92}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
11453	421	816	$\frac{13}{408}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{395}{816}$	$\Phi_{816}\ \Phi_{272}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
11454	421	784	$\frac{1}{28}$	$\frac{29}{392}$	$\frac{363}{784}$	$\frac{27}{56}$	$\Phi_{784}\ \Phi_{112}\ \Phi_{56}\ \Phi_{16}\ \Phi_8\ \Phi_1$
11455	421	510	$\frac{4}{85}$	$\frac{89}{510}$	$\frac{1}{5}$	$\frac{81}{170}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{102}\ \Phi_{85}\ \Phi_{51}\ \Phi_{30}\ \Phi_{17}\ \Phi_{15}\ \Phi_6\ \Phi_3\ \Phi_1$
11456	421	800	$\frac{1}{20}$	$\frac{21}{400}$	$\frac{379}{800}$	$\frac{19}{40}$	$\Phi_{800}\ \Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_8\ \Phi_1$
11457	421	600	$\frac{1}{20}$	$\frac{21}{200}$	$\frac{179}{600}$	$\frac{19}{40}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
11458	421	480	$\frac{1}{20}$	$\frac{59}{480}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
11459	421	800	$\frac{21}{400}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{379}{800}$	$\Phi_{800}\ \Phi_{160}\ \Phi_{32}\ \Phi_{25}\ \Phi_1$
11460	421	792	$\frac{25}{396}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{371}{792}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{88}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
11461	421	576	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{155}{576}$	$\frac{133}{288}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
11462	421	768	$\frac{1}{12}$	$\frac{37}{384}$	$\frac{11}{48}$	$\frac{347}{768}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
11463	421	756	$\frac{1}{21}$	$\frac{43}{378}$	$\frac{20}{63}$	$\frac{335}{756}$	$\Phi_{756}\ \Phi_{252}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
11464	421	588	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{167}{588}$	$\frac{127}{294}$	$\Phi_{588}\ \Phi_{196}\ \Phi_{147}\ \Phi_{84}\ \Phi_{49}\ \Phi_{28}\ \Phi_{12}\ \Phi_4\ \Phi_1$
11465	421	450	$\frac{29}{450}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{45}\ \Phi_{30}\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
11466	421	720	$\frac{1}{30}$	$\frac{61}{360}$	$\frac{29}{90}$	$\frac{299}{720}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
11467	421	720	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{360}$	$\frac{299}{720}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
11468	421	600	$\frac{1}{30}$	$\frac{29}{150}$	$\frac{179}{600}$	$\frac{121}{300}$	$\Phi_{600}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_8\ \Phi_1$
11469	421	432	$\frac{11}{432}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
11470	421	480	$\frac{1}{12}$	$\frac{59}{480}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
11471	421	680	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{81}{340}$	$\frac{259}{680}$	$\Phi_{680}\ \Phi_{136}\ \Phi_{85}\ \Phi_{40}\ \Phi_{17}\ \Phi_8\ \Phi_1$
11472	421	624	$\frac{5}{208}$	$\frac{1}{4}$	$\frac{203}{624}$	$\frac{3}{8}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
11473	421	432	$\frac{11}{432}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
11474	421	520	$\frac{5}{104}$	$\frac{99}{520}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
11475	421	448	$\frac{27}{448}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
11476	421	672	$\frac{1}{28}$	$\frac{27}{112}$	$\frac{85}{336}$	$\frac{251}{672}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{112}\ \Phi_{96}\ \Phi_{56}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
11477	421	648	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{324}$	$\frac{227}{648}$	$\Phi_{648}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
11478	421	504	$\frac{1}{21}$	$\frac{83}{504}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
11479	421	540	$\frac{1}{30}$	$\frac{119}{540}$	$\frac{29}{90}$	$\frac{61}{180}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
11480	421	621	$\frac{7}{207}$	$\frac{2}{9}$	$\frac{200}{621}$	$\frac{1}{3}$	$\Phi_{621}\ \Phi_{27}\ \Phi_9\ \Phi_1$
11481	421	567	$\frac{1}{21}$	$\frac{43}{189}$	$\frac{146}{567}$	$\frac{20}{63}$	$\Phi_{567}\ \Phi_{81}\ \Phi_{63}\ \Phi_9\ \Phi_1$
11482	421	600	$\frac{21}{200}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{179}{600}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
11483	421	576	$\frac{1}{12}$	$\frac{37}{192}$	$\frac{11}{48}$	$\frac{155}{576}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
11484	421	500	$\frac{79}{500}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{25}\ \Phi_1$
11485	422	1248	$\frac{3}{208}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{205}{416}$	$\Phi_{1248}\ \Phi_{96}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
11486	422	216	$\frac{5}{216}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11487	422	318	$\frac{1}{53}$	$\frac{52}{159}$	$\frac{1}{3}$	$\frac{107}{318}$	$\Phi_{318}^2\ \Phi_{159}\ \Phi_{106}^2\ \Phi_6^2\ \Phi_2^2$
11488	422	312	$\frac{3}{104}$	$\frac{1}{4}$	$\frac{101}{312}$	$\frac{1}{3}$	$\Phi_{312}\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11489	422	780	$\frac{3}{52}$	$\frac{49}{260}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
11490	422	672	$\frac{13}{224}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
11491	423	368	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{45}{92}$	$\Phi_{368}^2\ \Phi_{92}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
11492	423	92	$\frac{1}{46}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{45}{92}$	$\Phi_{92}^5\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
11493	423	90	$\frac{2}{45}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{90}^4\ \Phi_{45}^5\ \Phi_{30}^5\ \Phi_{18}^4\ \Phi_{15}^6\ \Phi_{10}^4\ \Phi_9^5\ \Phi_6^5\ \Phi_5^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
11494	423	320	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{320}^2\ \Phi_{80}^2\ \Phi_{64}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
11495	423	440	$\frac{3}{44}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{440}^2\ \Phi_{88}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
11496	423	420	$\frac{1}{10}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{420}^2\ \Phi_{140}^2\ \Phi_{84}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
11497	423	1104	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{22}{69}$	$\frac{7}{16}$	$\Phi_{1104}\ \Phi_{69}\ \Phi_{48}\ \Phi_{16}\ \Phi_3\ \Phi_1$
11498	423	80	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{80}^9\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}^9\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
11499	423	360	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{360}^2\ \Phi_{120}^2\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
11500	423	211	$\frac{4}{211}$	$\frac{69}{211}$	$\frac{70}{211}$	$\frac{71}{211}$	$\Phi_{211}^2\ \Phi_1^3$
11501	423	51	$\frac{4}{51}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{51}^8\ \Phi_{17}^9\ \Phi_3^7\ \Phi_1^9$
11502	423	270	$\frac{1}{10}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
11503	423	60	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{60}^9\ \Phi_{30}^5\ \Phi_{20}^9\ \Phi_{15}^6\ \Phi_{12}^9\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^5\ \Phi_4^9\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
11504	423	276	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{22}{69}$	$\Phi_{276}^2\ \Phi_{138}^2\ \Phi_{69}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
11505	424	105	$\frac{1}{105}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{52}{105}$	$\Phi_{105}^4\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_7^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
11506	424	423	$\frac{5}{423}$	$\frac{107}{423}$	$\frac{158}{423}$	$\frac{209}{423}$	$\Phi_{423}\ \Phi_{141}\ \Phi_{47}\ \Phi_9\ \Phi_3\ \Phi_1^2$
11507	424	213	$\frac{1}{71}$	$\frac{18}{71}$	$\frac{1}{3}$	$\frac{35}{71}$	$\Phi_{213}^3\ \Phi_3^2$
11508	424	728	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{51}{104}$	$\Phi_{728}\ \Phi_{104}^2\ \Phi_{56}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
11509	424	1560	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{1560}\ \Phi_{120}\ \Phi_{15}$
11510	424	94	$\frac{1}{47}$	$\frac{6}{47}$	$\frac{41}{94}$	$\frac{23}{47}$	$\Phi_{94}^8\ \Phi_{47}\ \Phi_2^8\ \Phi_1^2$
11511	424	141	$\frac{1}{47}$	$\frac{35}{141}$	$\frac{12}{47}$	$\frac{23}{47}$	$\Phi_{141}^4\ \Phi_{47}\ \Phi_3^4\ \Phi_1^2$
11512	424	207	$\frac{5}{207}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{101}{207}$	$\Phi_{207}^2\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
11513	424	306	$\frac{2}{51}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{306}^3\ \Phi_{102}^2\ \Phi_{34}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11514	424	405	$\frac{19}{405}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{193}{405}$	$\Phi_{405}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
11515	424	72	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{72}^8\ \Phi_{24}^8\ \Phi_{18}^8\ \Phi_9^7\ \Phi_8^8\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
11516	424	99	$\frac{7}{99}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{46}{99}$	$\Phi_{99}^4\ \Phi_{33}^4\ \Phi_{11}^4\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
11517	424	288	$\frac{5}{48}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{288}^3\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11518	424	189	$\frac{1}{9}$	$\frac{23}{189}$	$\frac{4}{27}$	$\frac{83}{189}$	$\Phi_{189}^2\ \Phi_{63}^2\ \Phi_{27}^4\ \Phi_{21}^2\ \Phi_9^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^4$
11519	424	94	$\frac{5}{47}$	$\frac{6}{47}$	$\frac{7}{47}$	$\frac{41}{94}$	$\Phi_{94}^8\ \Phi_{47}\ \Phi_2^8\ \Phi_1^2$
11520	424	546	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{25}{78}$	$\frac{3}{7}$	$\Phi_{546}\ \Phi_{273}\ \Phi_{78}^2\ \Phi_{42}\ \Phi_{39}^2\ \Phi_{21}\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
11521	424	56	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{56}^8\ \Phi_{28}^7\ \Phi_{14}^7\ \Phi_8^8\ \Phi_7^8\ \Phi_4^6\ \Phi_2^6\ \Phi_1^8$
11522	424	455	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{12}{65}$	$\frac{3}{7}$	$\Phi_{455}\ \Phi_{65}^2\ \Phi_{35}\ \Phi_7\ \Phi_5^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
11523	424	180	$\frac{1}{9}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11524	424	90	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{90}^8\ \Phi_{30}^8\ \Phi_{18}^8\ \Phi_{10}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
11525	424	81	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{25}{81}$	$\frac{28}{81}$	$\Phi_{81}^4\ \Phi_{27}^8\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
11526	424	54	$\frac{1}{54}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{54}^8\ \Phi_{27}^8\ \Phi_{18}^8\ \Phi_9^8\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
11527	424	315	$\frac{2}{105}$	$\frac{103}{315}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
11528	424	210	$\frac{1}{35}$	$\frac{17}{70}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^2\ \Phi_{105}\ \Phi_{70}^4\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
11529	424	165	$\frac{2}{55}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}^2\ \Phi_{55}^4\ \Phi_{33}^2\ \Phi_{15}\ \Phi_{11}^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
11530	424	63	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{63}^8\ \Phi_{21}^4\ \Phi_9^8\ \Phi_7^4\ \Phi_3^5\ \Phi_1^6$
11531	424	168	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^4\ \Phi_{42}^2\ \Phi_{28}^4\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_8^4\ \Phi_7^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
11532	424	225	$\frac{13}{225}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{225}^2\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
11533	424	60	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{60}^8\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^4\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
11534	424	231	$\frac{19}{231}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}^2\ \Phi_{77}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
11535	424	390	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{390}\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{30}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
11536	424	840	$\frac{3}{56}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{15}$
11537	424	195	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{195}^3\ \Phi_{39}^4\ \Phi_{15}^4\ \Phi_3^4$
11538	424	243	$\frac{1}{9}$	$\frac{31}{243}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{243}^2\ \Phi_{81}\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
11539	424	135	$\frac{1}{9}$	$\frac{19}{135}$	$\frac{29}{135}$	$\frac{8}{27}$	$\Phi_{135}^3\ \Phi_{45}^3\ \Phi_{27}^4\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
11540	424	72	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{72}^5\ \Phi_{36}^5\ \Phi_{24}^6\ \Phi_{18}^8\ \Phi_{12}^6\ \Phi_9^7\ \Phi_8^6\ \Phi_6^8\ \Phi_4^6\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
11541	425	168	$\frac{1}{84}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{83}{168}$	$\Phi_{168}\ \Phi_{84}^4\ \Phi_{56}\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_8^2\ \Phi_7^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
11542	425	832	$\frac{9}{416}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{407}{832}$	$\Phi_{832}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
11543	425	96	$\frac{1}{24}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{23}{48}$	$\Phi_{96}^8\ \Phi_{48}\ \Phi_{32}^9\ \Phi_{16}\ \Phi_1$
11544	425	48	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{23}{48}$	$\Phi_{48}^{17}\ \Phi_{24}\ \Phi_{16}^{17}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
11545	425	240	$\frac{1}{24}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{240}^4\ \Phi_{80}^4\ \Phi_{48}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
11546	425	576	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{151}{576}$	$\frac{137}{288}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
11547	425	864	$\frac{1}{16}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{32}\ \Phi_{27}\ \Phi_9\ \Phi_1$
11548	425	288	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{15}{32}$	$\Phi_{288}^4\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
11549	425	224	$\frac{1}{16}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{224}^4\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
11550	425	32	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{15}{32}$	$\Phi_{32}^{10}\ \Phi_{16}^{17}\ \Phi_8^{16}\ \Phi_4^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
11551	425	96	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{96}^8\ \Phi_{32}^9\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
11552	425	768	$\frac{41}{384}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{343}{768}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
11553	425	624	$\frac{9}{208}$	$\frac{1}{8}$	$\frac{199}{624}$	$\frac{7}{16}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
11554	425	448	$\frac{23}{448}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
11555	425	390	$\frac{1}{26}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
11556	425	96	$\frac{11}{96}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{96}^4\ \Phi_{48}^5\ \Phi_{32}^4\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^5\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
11557	425	312	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{312}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
11558	425	144	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{13}{72}$	$\frac{59}{144}$	$\Phi_{144}^5\ \Phi_{72}\ \Phi_{48}^5\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}^5\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
11559	425	696	$\frac{2}{87}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{696}\ \Phi_{232}\ \Phi_{87}\ \Phi_{29}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
11560	425	504	$\frac{1}{42}$	$\frac{1}{4}$	$\frac{41}{126}$	$\frac{3}{8}$	$\Phi_{504}^{2}\ \Phi_{126}\ \Phi_{72}^{2}\ \Phi_{63}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
11561	425	88	$\frac{3}{88}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{88}^{5}\ \Phi_{44}^{5}\ \Phi_{22}^{5}\ \Phi_{11}^{5}\ \Phi_{8}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
11562	425	112	$\frac{1}{28}$	$\frac{27}{112}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{112}^{5}\ \Phi_{56}\ \Phi_{28}^{4}\ \Phi_{16}^{5}\ \Phi_{14}^{4}\ \Phi_{8}^{2}\ \Phi_{7}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
11563	425	168	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^{4}\ \Phi_{56}^{4}\ \Phi_{24}^{4}\ \Phi_{21}^{4}\ \Phi_{8}^{5}\ \Phi_{7}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
11564	425	72	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^{10}\ \Phi_{24}^{8}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{9}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
11565	425	728	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{728}\ \Phi_{104}\ \Phi_{91}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
11566	425	392	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{392}^{2}\ \Phi_{98}\ \Phi_{49}\ \Phi_{8}\ \Phi_{1}$
11567	425	96	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{96}^{5}\ \Phi_{48}^{5}\ \Phi_{32}^{5}\ \Phi_{24}\ \Phi_{16}^{5}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
11568	425	56	$\frac{5}{56}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{56}^{7}\ \Phi_{28}^{8}\ \Phi_{14}^{8}\ \Phi_{8}^{8}\ \Phi_{7}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
11569	425	636	$\frac{1}{53}$	$\frac{52}{159}$	$\frac{211}{636}$	$\frac{107}{318}$	$\Phi_{636}\ \Phi_{212}\ \Phi_{159}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
11570	425	216	$\frac{2}{27}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{216}^{2}\ \Phi_{108}^{2}\ \Phi_{72}^{2}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{3}\ \Phi_{24}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
11571	425	540	$\frac{2}{27}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{27}\ \Phi_{20}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
11572	425	72	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{11}{36}$	$\Phi_{72}^{8}\ \Phi_{36}^{9}\ \Phi_{24}\ \Phi_{18}^{9}\ \Phi_{12}\ \Phi_{9}^{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
11573	425	180	$\frac{1}{12}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{180}^{4}\ \Phi_{90}^{4}\ \Phi_{45}^{4}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
11574	425	168	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{168}^{4}\ \Phi_{84}^{4}\ \Phi_{42}^{4}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}^{4}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
11575	425	96	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{7}{24}$	$\Phi_{96}^{8}\ \Phi_{48}^{8}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
11576	425	24	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{24}^{17}\ \Phi_{12}^{17}\ \Phi_{8}^{16}\ \Phi_{6}^{21}\ \Phi_{4}^{16}\ \Phi_{3}^{21}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
11577	425	576	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{192}$	$\frac{151}{576}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
11578	425	140	$\frac{3}{28}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^{4}\ \Phi_{70}^{4}\ \Phi_{35}^{4}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
11579	425	160	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{160}^{4}\ \Phi_{80}^{4}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
11580	425	60	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{60}^{8}\ \Phi_{30}^{8}\ \Phi_{20}^{9}\ \Phi_{15}^{8}\ \Phi_{10}^{9}\ \Phi_{6}^{4}\ \Phi_{5}^{9}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
11581	426	340	$\frac{1}{85}$	$\frac{43}{170}$	$\frac{127}{340}$	$\frac{42}{85}$	$\Phi_{340}^{2}\ \Phi_{85}\ \Phi_{68}^{2}\ \Phi_{20}^{2}\ \Phi_{17}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
11582	426	140	$\frac{1}{70}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{69}{140}$	$\Phi_{140}^{6}\ \Phi_{28}^{6}\ \Phi_{20}^{6}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
11583	426	420	$\frac{1}{70}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{69}{140}$	$\Phi_{420}\ \Phi_{210}^{2}\ \Phi_{105}^{2}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}^{2}\ \Phi_{30}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
11584	426	966	$\frac{2}{69}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{966}\ \Phi_{322}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
11585	426	400	$\frac{1}{25}$	$\frac{13}{200}$	$\frac{187}{400}$	$\frac{12}{25}$	$\Phi_{400}^{2}\ \Phi_{80}^{2}\ \Phi_{25}\ \Phi_{16}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
11586	426	100	$\frac{1}{25}$	$\frac{13}{100}$	$\frac{29}{100}$	$\frac{12}{25}$	$\Phi_{100}^{4}\ \Phi_{50}^{4}\ \Phi_{25}^{5}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
11587	426	250	$\frac{1}{25}$	$\frac{37}{250}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{250}^{2}\ \Phi_{125}^{2}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
11588	426	672	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
11589	426	136	$\frac{3}{68}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{65}{136}$	$\Phi_{136}^{6}\ \Phi_{17}\ \Phi_{8}^{6}\ \Phi_{1}^{2}$
11590	426	136	$\frac{3}{68}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{65}{136}$	$\Phi_{136}^{6}\ \Phi_{17}\ \Phi_{8}^{6}\ \Phi_{1}^{2}$
11591	426	952	$\frac{3}{68}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{952}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
11592	426	102	$\frac{1}{17}$	$\frac{3}{34}$	$\frac{31}{102}$	$\frac{8}{17}$	$\Phi_{102}^{6}\ \Phi_{51}^{6}\ \Phi_{17}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
11593	426	238	$\frac{1}{17}$	$\frac{25}{238}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{238}^{2}\ \Phi_{119}^{2}\ \Phi_{17}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
11594	426	272	$\frac{1}{17}$	$\frac{9}{68}$	$\frac{59}{272}$	$\frac{8}{17}$	$\Phi_{272}^{2}\ \Phi_{136}^{2}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
11595	426	85	$\frac{1}{17}$	$\frac{14}{85}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{85}^{6}\ \Phi_{17}\ \Phi_{5}^{6}\ \Phi_{1}^{2}$
11596	426	132	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{61}{132}$	$\Phi_{132}^{2}\ \Phi_{66}^{4}\ \Phi_{44}^{3}\ \Phi_{33}^{4}\ \Phi_{22}^{5}\ \Phi_{12}^{2}\ \Phi_{11}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
11597	426	924	$\frac{5}{66}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
11598	426	156	$\frac{1}{13}$	$\frac{7}{78}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{156}^{4}\ \Phi_{78}^{2}\ \Phi_{52}^{3}\ \Phi_{39}^{2}\ \Phi_{26}\ \Phi_{13}^{2}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
11599	426	308	$\frac{6}{77}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{308}^2\ \Phi_{154}^2\ \Phi_{44}\ \Phi_{28}^2\ \Phi_{22}\ \Phi_{14}^2$
11600	426	260	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{4}$	$\frac{59}{130}$	$\Phi_{260}^2\ \Phi_{65}^2\ \Phi_{52}^3\ \Phi_{26}\ \Phi_{20}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
11601	426	896	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{57}{128}$	$\Phi_{896}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
11602	426	560	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
11603	426	126	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{7}$	$\frac{55}{126}$	$\Phi_{126}^6\ \Phi_{63}\ \Phi_{42}^6\ \Phi_{21}\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_6^6\ \Phi_2^6$
11604	426	125	$\frac{1}{25}$	$\frac{17}{125}$	$\frac{8}{25}$	$\frac{54}{125}$	$\Phi_{125}^3\ \Phi_{25}^5\ \Phi_5^5\ \Phi_1^6$
11605	426	100	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{29}{100}$	$\frac{21}{50}$	$\Phi_{100}^6\ \Phi_{25}^5\ \Phi_{20}^6\ \Phi_5^5\ \Phi_4^6\ \Phi_1^6$
11606	426	840	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
11607	426	105	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{34}{105}$	$\frac{2}{5}$	$\Phi_{105}^6\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
11608	426	220	$\frac{7}{220}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{220}^2\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
11609	426	280	$\frac{3}{70}$	$\frac{1}{5}$	$\frac{67}{280}$	$\frac{2}{5}$	$\Phi_{280}^2\ \Phi_{140}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
11610	426	75	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{75}^6\ \Phi_{25}^6\ \Phi_{15}^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
11611	426	420	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
11612	426	385	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{385}\ \Phi_{77}^2\ \Phi_{55}\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
11613	426	245	$\frac{3}{35}$	$\frac{32}{245}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{245}^2\ \Phi_{49}^2\ \Phi_5\ \Phi_1^2$
11614	426	80	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{80}^6\ \Phi_{40}^6\ \Phi_{20}^6\ \Phi_{16}^6\ \Phi_8^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
11615	426	756	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{756}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
11616	426	85	$\frac{4}{85}$	$\frac{14}{85}$	$\frac{27}{85}$	$\frac{29}{85}$	$\Phi_{85}^5\ \Phi_{17}^5\ \Phi_5^5\ \Phi_1^6$
11617	426	420	$\frac{1}{35}$	$\frac{1}{4}$	$\frac{34}{105}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
11618	426	300	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
11619	426	84	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^4\ \Phi_{42}^5\ \Phi_{28}^6\ \Phi_{21}^5\ \Phi_{14}^6\ \Phi_{12}^5\ \Phi_7^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
11620	426	924	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{132}\ \Phi_{66}\ \Phi_{12}\ \Phi_6$
11621	426	240	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{60}\ \Phi_{48}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
11622	426	102	$\frac{3}{34}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{31}{102}$	$\Phi_{102}^6\ \Phi_{51}^6\ \Phi_{17}\ \Phi_6^6\ \Phi_3^6\ \Phi_1^2$
11623	426	660	$\frac{1}{11}$	$\frac{23}{165}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{110}\ \Phi_{60}\ \Phi_{44}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
11624	426	85	$\frac{2}{17}$	$\frac{14}{85}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{85}^6\ \Phi_{17}\ \Phi_5^6\ \Phi_1^2$
11625	426	396	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{4}$	$\frac{28}{99}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{22}\ \Phi_{18}^2$
11626	426	780	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{4}$	$\frac{53}{195}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{156}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}\ \Phi_{30}\ \Phi_{26}\ \Phi_{12}\ \Phi_6$
11627	426	672	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
11628	426	88	$\frac{1}{11}$	$\frac{17}{88}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{88}^6\ \Phi_{44}^3\ \Phi_{22}^5\ \Phi_{11}^4\ \Phi_8^6\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
11629	427	120	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{59}{120}$	$\Phi_{120}^7\ \Phi_{40}^7\ \Phi_{24}^7\ \Phi_{12}\ \Phi_8^7\ \Phi_4\ \Phi_1$
11630	427	360	$\frac{1}{60}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{59}{120}$	$\Phi_{360}^3\ \Phi_{120}\ \Phi_{72}^3\ \Phi_{40}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
11631	427	828	$\frac{13}{414}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{401}{828}$	$\Phi_{828}\ \Phi_{276}\ \Phi_{92}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
11632	427	576	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{149}{576}$	$\frac{139}{288}$	$\Phi_{576}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
11633	427	816	$\frac{19}{408}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{389}{816}$	$\Phi_{816}\ \Phi_{272}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
11634	427	468	$\frac{2}{39}$	$\frac{41}{468}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
11635	427	66	$\frac{2}{33}$	$\frac{5}{66}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{66}^6\ \Phi_{33}^7\ \Phi_{22}^6\ \Phi_{11}^7\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
11636	427	792	$\frac{2}{33}$	$\frac{31}{396}$	$\frac{1}{3}$	$\frac{365}{792}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{88}\ \Phi_{72}\ \Phi_{33}\ \Phi_{24}\ \Phi_{11}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
11637	427	792	$\frac{31}{396}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{365}{792}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{88}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
11638	427	780	$\frac{2}{39}$	$\frac{37}{390}$	$\frac{1}{3}$	$\frac{353}{780}$	$\Phi_{780}\ \Phi_{260}\ \Phi_{156}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{20}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
11639	427	480	$\frac{5}{48}$	$\frac{53}{480}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
11640	427	768	$\frac{5}{48}$	$\frac{43}{384}$	$\frac{1}{6}$	$\frac{341}{768}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
11641	427	71	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{10}{71}$	$\frac{31}{71}$	$\Phi_{71}^6\ \Phi_1^7$
11642	427	108	$\frac{5}{54}$	$\frac{7}{54}$	$\frac{1}{6}$	$\frac{47}{108}$	$\Phi_{108}^7\ \Phi_{54}\ \Phi_{36}^7\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}^7\ \Phi_9\ \Phi_4^7\ \Phi_1$
11643	427	252	$\frac{2}{63}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{252}^3\ \Phi_{84}^3\ \Phi_{63}\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{21}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
11644	427	180	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{29}{90}$	$\frac{5}{12}$	$\Phi_{180}^6\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}^6\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
11645	427	192	$\frac{3}{64}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}^3\ \Phi_{48}^2\ \Phi_{32}^3\ \Phi_{24}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
11646	427	240	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{19}{80}$	$\frac{5}{12}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^3\ \Phi_{48}^2\ \Phi_{40}^3\ \Phi_{24}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
11647	427	780	$\frac{4}{65}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{780}\ \Phi_{260}\ \Phi_{156}\ \Phi_{65}\ \Phi_{52}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
11648	427	300	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{14}{75}$	$\frac{5}{12}$	$\Phi_{300}^3\ \Phi_{100}^3\ \Phi_{75}\ \Phi_{25}\ \Phi_{12}\ \Phi_4\ \Phi_1$
11649	427	132	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{132}^6\ \Phi_{66}\ \Phi_{44}^6\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
11650	427	72	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{72}^7\ \Phi_{36}^7\ \Phi_{24}^7\ \Phi_{18}^7\ \Phi_{12}\ \Phi_9^7\ \Phi_8^7\ \Phi_4\ \Phi_1$
11651	427	420	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
11652	427	480	$\frac{53}{480}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
11653	427	720	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{360}$	$\frac{293}{720}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
11654	427	648	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{103}{324}$	$\frac{221}{648}$	$\Phi_{648}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
11655	427	63	$\frac{2}{63}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{63}^7\ \Phi_{21}^7\ \Phi_9^5\ \Phi_7^7\ \Phi_3^6\ \Phi_1^7$
11656	427	90	$\frac{1}{30}$	$\frac{2}{9}$	$\frac{29}{90}$	$\frac{1}{3}$	$\Phi_{90}^4\ \Phi_{45}^4\ \Phi_{30}^6\ \Phi_{18}^4\ \Phi_{15}^6\ \Phi_{10}^6\ \Phi_9^5\ \Phi_6^6\ \Phi_5^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
11657	427	495	$\frac{2}{33}$	$\frac{68}{495}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_5\ \Phi_1$
11658	427	594	$\frac{2}{33}$	$\frac{31}{198}$	$\frac{167}{594}$	$\frac{1}{3}$	$\Phi_{594}\ \Phi_{297}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_1$
11659	427	585	$\frac{2}{39}$	$\frac{37}{195}$	$\frac{158}{585}$	$\frac{1}{3}$	$\Phi_{585}\ \Phi_{117}\ \Phi_{45}\ \Phi_{39}\ \Phi_{13}\ \Phi_9\ \Phi_1$
11660	427	576	$\frac{3}{64}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
11661	427	720	$\frac{1}{20}$	$\frac{2}{9}$	$\frac{19}{80}$	$\frac{1}{3}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{144}\ \Phi_{80}\ \Phi_{72}\ \Phi_{40}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
11662	427	528	$\frac{2}{33}$	$\frac{101}{528}$	$\frac{31}{132}$	$\frac{1}{3}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{88}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
11663	427	585	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{585}\ \Phi_{117}\ \Phi_{65}\ \Phi_{13}\ \Phi_9\ \Phi_1$
11664	427	225	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{225}^3\ \Phi_{75}\ \Phi_{25}\ \Phi_9\ \Phi_1$
11665	427	198	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{198}^3\ \Phi_{99}^3\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_9\ \Phi_1$
11666	427	72	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{72}^7\ \Phi_{36}^4\ \Phi_{24}^7\ \Phi_{18}^4\ \Phi_{12}^6\ \Phi_9^5\ \Phi_8^7\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
11667	427	630	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{126}\ \Phi_{70}\ \Phi_{63}\ \Phi_{35}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
11668	427	576	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{192}$	$\frac{149}{576}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
11669	428	636	$\frac{1}{106}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{105}{212}$	$\Phi_{636}\ \Phi_{212}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
11670	428	183	$\frac{1}{61}$	$\frac{31}{183}$	$\frac{76}{183}$	$\frac{30}{61}$	$\Phi_{183}^2\ \Phi_{61}^3\ \Phi_3^2\ \Phi_1^4$
11671	428	210	$\frac{2}{105}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{103}{210}$	$\Phi_{210}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7\ \Phi_6^4\ \Phi_2^4\ \Phi_1^2$
11672	428	210	$\frac{2}{105}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{103}{210}$	$\Phi_{210}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{15}\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
11673	428	129	$\frac{1}{43}$	$\frac{22}{129}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{129}^3\ \Phi_{43}^4\ \Phi_3^2\ \Phi_1^4$
11674	428	720	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{37}{144}$	$\frac{35}{72}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{180}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
11675	428	1040	$\frac{3}{104}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{101}{208}$	$\Phi_{1040}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
11676	428	1020	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{97}{204}$	$\Phi_{1020}\ \Phi_{340}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
11677	428	990	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{91}{198}$	$\Phi_{990}\ \Phi_{330}\ \Phi_{110}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
11678	428	120	$\frac{1}{12}$	$\frac{13}{120}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{120}^3\ \Phi_{60}^4\ \Phi_{40}^3\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
11679	428	960	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{5}$	$\frac{85}{192}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
11680	428	315	$\frac{4}{105}$	$\frac{1}{7}$	$\frac{101}{315}$	$\frac{3}{7}$	$\Phi_{315}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
11681	428	112	$\frac{5}{112}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{112}^4\ \Phi_{56}^4\ \Phi_{28}^4\ \Phi_{16}^4\ \Phi_{14}^4\ \Phi_8^4\ \Phi_7\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
11682	428	140	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{33}{140}$	$\frac{3}{7}$	$\Phi_{140}^4\ \Phi_{70}^4\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
11683	428	231	$\frac{17}{231}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{231}^2\ \Phi_{77}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_1^2$
11684	428	126	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{126}$	$\frac{3}{7}$	$\Phi_{126}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^4\ \Phi_7\ \Phi_6^4\ \Phi_2^4\ \Phi_1^2$
11685	428	245	$\frac{4}{35}$	$\frac{31}{245}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{245}^2\ \Phi_{49}^2\ \Phi_7\ \Phi_1^2$
11686	428	180	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{1}{5}$	$\frac{73}{180}$	$\Phi_{180}^4\ \Phi_{90}\ \Phi_{60}^4\ \Phi_{45}\ \Phi_{36}^4\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}\ \Phi_4^4$
11687	428	330	$\frac{3}{110}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
11688	428	516	$\frac{1}{43}$	$\frac{21}{86}$	$\frac{1}{3}$	$\frac{65}{172}$	$\Phi_{516}^2\ \Phi_{129}\ \Phi_{12}^2$
11689	428	560	$\frac{5}{112}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
11690	428	810	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{26}{81}$	$\frac{55}{162}$	$\Phi_{810}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
11691	428	159	$\frac{1}{53}$	$\frac{52}{159}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{159}^3\ \Phi_{53}^2\ \Phi_3^4\ \Phi_1^4$
11692	428	315	$\frac{4}{105}$	$\frac{1}{5}$	$\frac{101}{315}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{15}\ \Phi_9^2$
11693	428	225	$\frac{11}{225}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{225}^2\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_9^2$
11694	428	420	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{33}{140}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
11695	428	630	$\frac{2}{21}$	$\frac{19}{126}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
11696	428	120	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
11697	428	735	$\frac{4}{35}$	$\frac{31}{245}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{735}\ \Phi_{147}\ \Phi_{15}$
11698	428	780	$\frac{3}{52}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{49}{156}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
11699	428	122	$\frac{15}{122}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{122}^4\ \Phi_{61}^3\ \Phi_2^4\ \Phi_1^4$
11700	428	720	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{48}$	$\frac{37}{144}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
11701	429	848	$\frac{5}{424}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{419}{848}$	$\Phi_{848}\ \Phi_{16}\ \Phi_8\ \Phi_1$
11702	429	564	$\frac{2}{141}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{139}{282}$	$\Phi_{564}\ \Phi_{188}\ \Phi_{141}\ \Phi_{47}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
11703	429	192	$\frac{1}{48}$	$\frac{1}{4}$	$\frac{49}{192}$	$\frac{47}{96}$	$\Phi_{192}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
11704	429	280	$\frac{3}{140}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{137}{280}$	$\Phi_{280}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
11705	429	380	$\frac{1}{38}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{37}{76}$	$\Phi_{190}^2\ \Phi_{95}^2\ \Phi_{76}\ \Phi_{38}^2\ \Phi_{20}\ \Phi_{19}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
11706	429	1140	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{37}{76}$	$\Phi_{1140}\ \Phi_{228}\ \Phi_{76}\ \Phi_{60}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
11707	429	192	$\frac{1}{32}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{31}{64}$	$\Phi_{192}^4\ \Phi_{64}^5\ \Phi_{24}\ \Phi_8\ \Phi_1$
11708	429	960	$\frac{1}{32}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{64}\ \Phi_{15}\ \Phi_5\ \Phi_1$
11709	429	576	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{31}{64}$	$\Phi_{576}^2\ \Phi_{64}\ \Phi_{18}\ \Phi_9\ \Phi_1$
11710	429	64	$\frac{1}{32}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{64}^{13}\ \Phi_{16}\ \Phi_8\ \Phi_1$
11711	429	276	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{133}{276}$	$\Phi_{276}\ \Phi_{138}^2\ \Phi_{92}\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
11712	429	272	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{129}{272}$	$\Phi_{272}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
11713	429	540	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{127}{270}$	$\Phi_{540}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
11714	429	160	$\frac{1}{16}$	$\frac{17}{160}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{160}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
11715	429	48	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{5}{16}$	$\frac{11}{24}$	$\Phi_{48}^8\ \Phi_{24}^9\ \Phi_{16}^{10}\ \Phi_{12}^8\ \Phi_8^{11}\ \Phi_6^8\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^{10}\ \Phi_1^{11}$
11716	429	24	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{24}^{33}\ \Phi_{12}^3\ \Phi_8^{33}\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
11717	429	120	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{24}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{40}^5\ \Phi_{30}^4\ \Phi_{24}\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{10}^5\ \Phi_8\ \Phi_5^5\ \Phi_1$
11718	429	380	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{6}{19}$	$\frac{9}{20}$	$\Phi_{380}^2\ \Phi_{76}^2\ \Phi_{20}^3\ \Phi_{19}^2\ \Phi_4^3\ \Phi_1^3$
11719	429	140	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{140}^2\ \Phi_{70}^4\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{20}\ \Phi_{14}^5\ \Phi_{10}^2\ \Phi_7^5\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
11720	429	420	$\frac{1}{12}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
11721	429	256	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{4}$	$\frac{113}{256}$	$\Phi_{256}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
11722	429	48	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{48}^8\ \Phi_{24}^{12}\ \Phi_{16}^6\ \Phi_{12}^{11}\ \Phi_8^9\ \Phi_6^{11}\ \Phi_4^8\ \Phi_3^{11}\ \Phi_2^8\ \Phi_1^9$
11723	429	252	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{1}{4}$	$\frac{109}{252}$	$\Phi_{252}\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
11724	429	448	$\frac{19}{448}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
11725	429	240	$\frac{1}{24}$	$\frac{23}{120}$	$\frac{1}{4}$	$\frac{97}{240}$	$\Phi_{240}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
11726	429	192	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{192}^4\ \Phi_{64}^3\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
11727	429	360	$\frac{1}{40}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{360}\ \Phi_{180}\ \Phi_{120}^2\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
11728	429	80	$\frac{1}{40}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{80}^8\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^7\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
11729	429	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{60}^8\ \Phi_{30}^8\ \Phi_{20}^5\ \Phi_{15}^8\ \Phi_{12}^7\ \Phi_{10}^7\ \Phi_6^7\ \Phi_5^7\ \Phi_4^4\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
11730	429	216	$\frac{1}{36}$	$\frac{1}{4}$	$\frac{35}{108}$	$\frac{73}{216}$	$\Phi_{216}^3\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
11731	429	240	$\frac{1}{16}$	$\frac{2}{15}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
11732	429	60	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^8\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{15}^9\ \Phi_{12}^3\ \Phi_{10}^8\ \Phi_6^3\ \Phi_5^9\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
11733	429	120	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^5\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
11734	429	285	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{6}{19}$	$\Phi_{285}^2\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_{15}^3\ \Phi_3^3\ \Phi_1^3$
11735	429	144	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{5}{16}$	$\Phi_{144}^4\ \Phi_{72}^4\ \Phi_{36}^4\ \Phi_{18}^5\ \Phi_{16}^2\ \Phi_9^5\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
11736	429	16	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{16}^{27}\ \Phi_8^{27}\ \Phi_4^{26}\ \Phi_2^{26}\ \Phi_1^{27}$
11737	429	324	$\frac{1}{9}$	$\frac{19}{162}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{324}^2\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
11738	429	36	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{36}^{16}\ \Phi_{18}^{17}\ \Phi_{12}^3\ \Phi_9^{17}\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
11739	429	360	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{40}$	$\frac{5}{18}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{40}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
11740	429	420	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{420}^2\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_3\ \Phi_1$
11741	429	192	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1}{4}$	$\frac{49}{192}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
11742	429	48	$\frac{1}{12}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{48}^{12}\ \Phi_{24}^{12}\ \Phi_{16}^9\ \Phi_{12}^3\ \Phi_8^9\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
11743	429	160	$\frac{17}{160}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{160}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
11744	429	168	$\frac{3}{28}$	$\frac{25}{168}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
11745	429	180	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{180}$	$\frac{1}{4}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
11746	429	80	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{80}^8\ \Phi_{40}^5\ \Phi_{20}^5\ \Phi_{16}\ \Phi_{10}^5\ \Phi_8\ \Phi_5^5\ \Phi_1$
11747	430	426	$\frac{2}{213}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{211}{426}$	$\Phi_{426}^2\ \Phi_{142}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11748	430	680	$\frac{1}{85}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{42}{85}$	$\Phi_{680}\ \Phi_{136}\ \Phi_{85}\ \Phi_{40}\ \Phi_{17}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
11749	430	288	$\frac{1}{72}$	$\frac{73}{288}$	$\frac{1}{3}$	$\frac{71}{144}$	$\Phi_{288}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11750	430	1272	$\frac{3}{212}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{209}{424}$	$\Phi_{1272}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
11751	430	423	$\frac{7}{423}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{208}{423}$	$\Phi_{423}\ \Phi_{141}\ \Phi_{47}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
11752	430	252	$\frac{1}{42}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{41}{84}$	$\Phi_{252}^3\ \Phi_{84}^4\ \Phi_{36}^3\ \Phi_{28}^4\ \Phi_{12}^4\ \Phi_9\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
11753	430	84	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{84}^{10}\ \Phi_{28}^{10}\ \Phi_{12}^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11754	430	78	$\frac{1}{39}$	$\frac{4}{39}$	$\frac{35}{78}$	$\frac{19}{39}$	$\Phi_{78}^{10}\ \Phi_{39}\ \Phi_{26}^{10}\ \Phi_{13}\ \Phi_6^{10}\ \Phi_3\ \Phi_2^{10}\ \Phi_1^2$
11755	430	418	$\frac{6}{209}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{203}{418}$	$\Phi_{418}^2\ \Phi_{38}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
11756	430	396	$\frac{1}{33}$	$\frac{17}{198}$	$\frac{181}{396}$	$\frac{16}{33}$	$\Phi_{396}^2\ \Phi_{132}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
11757	430	297	$\frac{1}{33}$	$\frac{17}{99}$	$\frac{82}{297}$	$\frac{16}{33}$	$\Phi_{297}^2\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
11758	430	264	$\frac{1}{33}$	$\frac{49}{264}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
11759	430	416	$\frac{7}{208}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{201}{416}$	$\Phi_{416}^2\ \Phi_{32}^2\ \Phi_{13}\ \Phi_1^2$
11760	430	1248	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{201}{416}$	$\Phi_{1248}\ \Phi_{96}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
11761	430	174	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{174}^3\ \Phi_{87}^3\ \Phi_{58}\ \Phi_{29}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
11762	430	414	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{199}{414}$	$\Phi_{414}^2\ \Phi_{138}^2\ \Phi_{46}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11763	430	48	$\frac{1}{24}$	$\frac{5}{48}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{48}^8\ \Phi_{24}^{10}\ \Phi_{16}^8\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
11764	430	408	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{193}{408}$	$\Phi_{408}^2\ \Phi_{136}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11765	430	81	$\frac{5}{81}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{38}{81}$	$\Phi_{81}^5\ \Phi_{27}^6\ \Phi_9^6\ \Phi_3^5\ \Phi_1^6$
11766	430	880	$\frac{3}{40}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{880}\ \Phi_{176}\ \Phi_{44}\ \Phi_{22}$
11767	430	312	$\frac{7}{104}$	$\frac{1}{13}$	$\frac{97}{312}$	$\frac{6}{13}$	$\Phi_{312}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{24}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
11768	430	234	$\frac{1}{13}$	$\frac{19}{234}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
11769	430	52	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{9}{52}$	$\frac{6}{13}$	$\Phi_{52}^8\ \Phi_{26}^8\ \Phi_{13}^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{10}$
11770	430	396	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{1}{3}$	$\frac{181}{396}$	$\Phi_{396}^2\ \Phi_{132}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11771	430	396	$\frac{17}{198}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{181}{396}$	$\Phi_{396}^2\ \Phi_{132}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
11772	430	78	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{3}{13}$	$\frac{35}{78}$	$\Phi_{78}^{10}\ \Phi_{26}^{10}\ \Phi_{13}^3\ \Phi_6^{10}\ \Phi_2^{10}\ \Phi_1^4$
11773	430	45	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{45}^{10}\ \Phi_{15}^{10}\ \Phi_9^8\ \Phi_5^{10}\ \Phi_3^7\ \Phi_1^8$
11774	430	63	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{20}{63}$	$\frac{4}{9}$	$\Phi_{63}^7\ \Phi_{21}^6\ \Phi_9^8\ \Phi_7^6\ \Phi_3^7\ \Phi_1^8$
11775	430	504	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{56}$	$\frac{4}{9}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
11776	430	144	$\frac{5}{48}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{144}^3\ \Phi_{72}^3\ \Phi_{48}^4\ \Phi_{36}^3\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_9\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
11777	430	441	$\frac{1}{9}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{441}\ \Phi_{147}\ \Phi_{49}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
11778	430	264	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{49}{264}$	$\frac{39}{88}$	$\Phi_{264}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
11779	430	77	$\frac{1}{11}$	$\frac{9}{77}$	$\frac{2}{11}$	$\frac{34}{77}$	$\Phi_{77}^5\ \Phi_{11}^9\ \Phi_7^5\ \Phi_1^{10}$
11780	430	384	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{1}{3}$	$\frac{169}{384}$	$\Phi_{384}^2\ \Phi_{128}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11781	430	672	$\frac{9}{224}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
11782	430	378	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{1}{3}$	$\frac{163}{378}$	$\Phi_{378}^2\ \Phi_{126}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11783	430	72	$\frac{1}{36}$	$\frac{7}{36}$	$\frac{1}{3}$	$\frac{29}{72}$	$\Phi_{72}^{10}\ \Phi_{36}^2\ \Phi_{24}^{10}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^{10}\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11784	430	352	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{176}$	$\frac{137}{352}$	$\Phi_{352}^2\ \Phi_{44}^2\ \Phi_{32}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
11785	430	351	$\frac{1}{39}$	$\frac{79}{351}$	$\frac{38}{117}$	$\frac{136}{351}$	$\Phi_{351}\ \Phi_{117}^2\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
11786	430	312	$\frac{1}{39}$	$\frac{19}{78}$	$\frac{97}{312}$	$\frac{59}{156}$	$\Phi_{312}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
11787	430	264	$\frac{1}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{264}^4\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
11788	430	360	$\frac{2}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
11789	430	408	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^2\ \Phi_{136}\ \Phi_{51}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_3^2\ \Phi_1^2$
11790	430	528	$\frac{1}{11}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
11791	430	66	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{66}^{10}\ \Phi_{22}^{10}\ \Phi_{11}^9\ \Phi_6^{10}\ \Phi_2^{10}\ \Phi_1^{10}$
11792	430	324	$\frac{1}{54}$	$\frac{53}{162}$	$\frac{1}{3}$	$\frac{109}{324}$	$\Phi_{324}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11793	430	90	$\frac{2}{45}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{90}^6\ \Phi_{45}^4\ \Phi_{30}^6\ \Phi_{18}^6\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_9^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11794	430	126	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{126}^6\ \Phi_{63}^4\ \Phi_{18}^6\ \Phi_9^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11795	430	312	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{97}{312}$	$\frac{1}{3}$	$\Phi_{312}\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11796	430	243	$\frac{2}{27}$	$\frac{28}{243}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{243}^2\ \Phi_{81}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
11797	430	288	$\frac{1}{24}$	$\frac{23}{96}$	$\frac{73}{288}$	$\frac{1}{3}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11798	430	168	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{56}^4\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11799	430	54	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{11}{54}$	$\frac{1}{3}$	$\Phi_{54}^{10}\ \Phi_{27}^6\ \Phi_{18}^{10}\ \Phi_9^6\ \Phi_6^{10}\ \Phi_3^5\ \Phi_2^{10}\ \Phi_1^6$
11800	430	210	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{210}^3\ \Phi_{105}^2\ \Phi_{70}^3\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11801	430	48	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{48}^{10}\ \Phi_{24}^{10}\ \Phi_{16}^{10}\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11802	430	252	$\frac{5}{42}$	$\frac{37}{252}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11803	430	294	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{294}^2\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
11804	430	52	$\frac{1}{13}$	$\frac{9}{52}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{52}^{10}\ \Phi_{26}^{10}\ \Phi_{13}^3\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^4$
11805	430	660	$\frac{1}{11}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
11806	430	264	$\frac{1}{11}$	$\frac{49}{264}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
11807	431	688	$\frac{1}{86}$	$\frac{87}{344}$	$\frac{257}{688}$	$\frac{85}{172}$	$\Phi_{688}\ \Phi_{172}\ \Phi_{16}\ \Phi_4\ \Phi_1$
11808	431	840	$\frac{11}{420}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{409}{840}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{56}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
11809	431	840	$\frac{11}{420}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{409}{840}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{56}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
11810	431	580	$\frac{4}{145}$	$\frac{1}{5}$	$\frac{149}{580}$	$\frac{141}{290}$	$\Phi_{580}\ \Phi_{145}\ \Phi_{116}\ \Phi_{29}\ \Phi_{20}\ \Phi_4\ \Phi_1$
11811	431	800	$\frac{31}{400}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{369}{800}$	$\Phi_{800}\ \Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
11812	431	560	$\frac{11}{140}$	$\frac{1}{10}$	$\frac{129}{560}$	$\frac{9}{20}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
11813	431	480	$\frac{1}{10}$	$\frac{49}{480}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
11814	431	480	$\frac{1}{10}$	$\frac{49}{480}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
11815	431	450	$\frac{19}{450}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
11816	431	660	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{330}$	$\frac{229}{660}$	$\Phi_{660}\ \Phi_{220}\ \Phi_{132}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
11817	431	630	$\frac{11}{210}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{199}{630}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
11818	431	600	$\frac{1}{10}$	$\frac{31}{200}$	$\frac{9}{40}$	$\frac{169}{600}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
11819	431	480	$\frac{49}{480}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
11820	431	525	$\frac{11}{105}$	$\frac{94}{525}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{525}\ \Phi_{175}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
11821	432	321	$\frac{1}{107}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{53}{107}$	$\Phi_{321}\ \Phi_{107}^2\ \Phi_3^2\ \Phi_1^4$
11822	432	431	$\frac{5}{431}$	$\frac{109}{431}$	$\frac{161}{431}$	$\frac{213}{431}$	$\Phi_{431}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
11823	432	651	$\frac{3}{217}$	$\frac{55}{217}$	$\frac{1}{3}$	$\frac{107}{217}$	$\Phi_{651}\ \Phi_{93}\ \Phi_{21}$
11824	432	355	$\frac{1}{71}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{35}{71}$	$\Phi_{355}\ \Phi_{71}^2\ \Phi_5^2\ \Phi_1^4$
11825	432	852	$\frac{1}{71}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{35}{71}$	$\Phi_{852}\ \Phi_{426}\ \Phi_{12}^2\ \Phi_6^2$
11826	432	431	$\frac{7}{431}$	$\frac{73}{431}$	$\frac{179}{431}$	$\frac{212}{431}$	$\Phi_{431}\ \Phi_1^2$
11827	432	371	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{26}{53}$	$\Phi_{371}\ \Phi_{53}^2\ \Phi_7^2\ \Phi_1^4$
11828	432	795	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{795}\ \Phi_{15}^2$
11829	432	580	$\frac{3}{145}$	$\frac{1}{4}$	$\frac{37}{145}$	$\frac{71}{145}$	$\Phi_{580}\ \Phi_{290}\ \Phi_{116}\ \Phi_{58}\ \Phi_{20}\ \Phi_{10}$
11830	432	431	$\frac{9}{431}$	$\frac{55}{431}$	$\frac{188}{431}$	$\frac{211}{431}$	$\Phi_{431}\ \Phi_1^2$
11831	432	431	$\frac{9}{431}$	$\frac{107}{431}$	$\frac{110}{431}$	$\frac{211}{431}$	$\Phi_{431}\ \Phi_1^2$
11832	432	752	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{23}{47}$	$\Phi_{752}\ \Phi_{47}\ \Phi_{16}^2\ \Phi_1^2$
11833	432	188	$\frac{1}{47}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{23}{47}$	$\Phi_{188}^2\ \Phi_{94}^2\ \Phi_{47}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
11834	432	651	$\frac{5}{217}$	$\frac{37}{217}$	$\frac{1}{3}$	$\frac{106}{217}$	$\Phi_{651}\ \Phi_{93}\ \Phi_{21}$
11835	432	545	$\frac{3}{109}$	$\frac{1}{5}$	$\frac{28}{109}$	$\frac{53}{109}$	Φ_{545}
11836	432	385	$\frac{1}{35}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{17}{35}$	$\Phi_{385}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
11837	432	105	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{105}^6\ \Phi_{21}^7\ \Phi_{15}^6\ \Phi_3^6$
11838	432	385	$\frac{1}{35}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{17}{35}$	$\Phi_{385}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
11839	432	140	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{140}^4\ \Phi_{70}^4\ \Phi_{28}^4\ \Phi_{20}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_4^4\ \Phi_2^4$
11840	432	431	$\frac{13}{431}$	$\frac{37}{431}$	$\frac{197}{431}$	$\frac{209}{431}$	$\Phi_{431}\ \Phi_1^2$
11841	432	431	$\frac{13}{431}$	$\frac{74}{431}$	$\frac{119}{431}$	$\frac{209}{431}$	$\Phi_{431}\ \Phi_1^2$
11842	432	431	$\frac{13}{431}$	$\frac{80}{431}$	$\frac{111}{431}$	$\frac{209}{431}$	$\Phi_{431}\ \Phi_1^2$
11843	432	93	$\frac{1}{31}$	$\frac{4}{31}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{93}^7\ \Phi_3^6$
11844	432	116	$\frac{1}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{116}^5\ \Phi_{58}^5\ \Phi_4^4\ \Phi_2^4$
11845	432	780	$\frac{1}{26}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{25}{52}$	$\Phi_{780}\ \Phi_{260}\ \Phi_{156}\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
11846	432	468	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{468}^2\ \Phi_{156}\ \Phi_{52}^2\ \Phi_{36}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
11847	432	260	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{260}^3\ \Phi_{52}^4\ \Phi_{20}^3\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
11848	432	431	$\frac{17}{431}$	$\frac{56}{431}$	$\frac{125}{431}$	$\frac{207}{431}$	$\Phi_{431}\ \Phi_1^2$
11849	432	511	$\frac{3}{73}$	$\frac{1}{7}$	$\frac{19}{73}$	$\frac{35}{73}$	Φ_{511}
11850	432	391	$\frac{1}{23}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{11}{23}$	$\Phi_{391}\ \Phi_{23}^2\ \Phi_{17}^2\ \Phi_1^4$
11851	432	690	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{690}\ \Phi_{345}\ \Phi_{138}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
11852	432	391	$\frac{1}{23}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{11}{23}$	$\Phi_{391}\ \Phi_{23}^2\ \Phi_{17}^2\ \Phi_1^4$
11853	432	644	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{644}\ \Phi_{322}\ \Phi_{28}^2\ \Phi_{14}^2$
11854	432	431	$\frac{19}{431}$	$\frac{25}{431}$	$\frac{203}{431}$	$\frac{206}{431}$	$\Phi_{431}\ \Phi_1^2$
11855	432	431	$\frac{19}{431}$	$\frac{75}{431}$	$\frac{89}{431}$	$\frac{206}{431}$	$\Phi_{431}\ \Phi_1^2$
11856	432	545	$\frac{5}{109}$	$\frac{19}{109}$	$\frac{1}{5}$	$\frac{52}{109}$	Φ_{545}
11857	432	580	$\frac{7}{145}$	$\frac{19}{145}$	$\frac{1}{4}$	$\frac{69}{145}$	$\Phi_{580}\ \Phi_{290}\ \Phi_{116}\ \Phi_{58}\ \Phi_{20}\ \Phi_{10}$
11858	432	431	$\frac{21}{431}$	$\frac{53}{431}$	$\frac{113}{431}$	$\frac{205}{431}$	$\Phi_{431}\ \Phi_1^2$
11859	432	651	$\frac{11}{217}$	$\frac{19}{217}$	$\frac{1}{3}$	$\frac{103}{217}$	$\Phi_{651}\ \Phi_{93}\ \Phi_{21}$
11860	432	431	$\frac{25}{431}$	$\frac{38}{431}$	$\frac{131}{431}$	$\frac{203}{431}$	$\Phi_{431}\ \Phi_1^2$
11861	432	663	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{663}\ \Phi_{39}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
11862	432	391	$\frac{1}{17}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{8}{17}$	$\Phi_{391}\ \Phi_{23}^2\ \Phi_{17}^2\ \Phi_1^4$
11863	432	612	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{102}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
11864	432	391	$\frac{1}{17}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{8}{17}$	$\Phi_{391}\ \Phi_{23}^2\ \Phi_{17}^2\ \Phi_1^4$
11865	432	595	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{595}\ \Phi_{35}^2$
11866	432	490	$\frac{3}{49}$	$\frac{1}{10}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{490}\ \Phi_{245}\ \Phi_{98}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
11867	432	195	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{7}{15}$	$\Phi_{195}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{15}^3\ \Phi_{13}^4\ \Phi_5^3\ \Phi_3^3\ \Phi_1^6$
11868	432	60	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{60}^9\ \Phi_{30}^4\ \Phi_{20}^{11}\ \Phi_{15}^5\ \Phi_{12}^9\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^6\ \Phi_4^{10}\ \Phi_3^5\ \Phi_2^4\ \Phi_1^6$
11869	432	511	$\frac{5}{73}$	$\frac{1}{7}$	$\frac{13}{73}$	$\frac{34}{73}$	Φ_{511}
11870	432	431	$\frac{31}{431}$	$\frac{59}{431}$	$\frac{77}{431}$	$\frac{200}{431}$	$\Phi_{431}\ \Phi_1^2$
11871	432	580	$\frac{11}{145}$	$\frac{13}{145}$	$\frac{1}{4}$	$\frac{67}{145}$	$\Phi_{580}\ \Phi_{290}\ \Phi_{116}\ \Phi_{58}\ \Phi_{20}\ \Phi_{10}$
11872	432	431	$\frac{29}{431}$	$\frac{33}{431}$	$\frac{134}{431}$	$\frac{199}{431}$	$\Phi_{431}\ \Phi_1^2$
11873	432	431	$\frac{33}{431}$	$\frac{35}{431}$	$\frac{116}{431}$	$\frac{199}{431}$	$\Phi_{431}\ \Phi_1^2$
11874	432	651	$\frac{13}{217}$	$\frac{17}{217}$	$\frac{1}{3}$	$\frac{100}{217}$	$\Phi_{651}\ \Phi_{93}\ \Phi_{21}$
11875	432	450	$\frac{2}{25}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{450}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_6^2$
11876	432	481	$\frac{1}{13}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	Φ_{481}
11877	432	431	$\frac{26}{431}$	$\frac{37}{431}$	$\frac{135}{431}$	$\frac{197}{431}$	$\Phi_{431}\ \Phi_1^2$
11878	432	431	$\frac{37}{431}$	$\frac{39}{431}$	$\frac{98}{431}$	$\frac{197}{431}$	$\Phi_{431}\ \Phi_1^2$
11879	432	627	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{627}\ \Phi_{57}^2$
11880	432	385	$\frac{2}{35}$	$\frac{1}{11}$	$\frac{11}{35}$	$\frac{5}{11}$	$\Phi_{385}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
11881	432	572	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{572}\ \Phi_{286}\ \Phi_{52}^2\ \Phi_{26}^2$
11882	432	385	$\frac{3}{35}$	$\frac{1}{11}$	$\frac{8}{35}$	$\frac{5}{11}$	$\Phi_{385}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
11883	432	110	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{110}^4\ \Phi_{55}^3\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_{10}^8\ \Phi_5^6\ \Phi_2^8\ \Phi_1^8$
11884	432	99	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{99}^5\ \Phi_{33}^5\ \Phi_9^4\ \Phi_3^4$
11885	432	77	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{77}^5\ \Phi_{11}^6\ \Phi_7^{10}\ \Phi_1^{12}$
11886	432	431	$\frac{41}{431}$	$\frac{59}{431}$	$\frac{62}{431}$	$\frac{195}{431}$	$\Phi_{431}\ \Phi_1^2$
11887	432	511	$\frac{7}{73}$	$\frac{10}{73}$	$\frac{1}{7}$	$\frac{33}{73}$	Φ_{511}
11888	432	431	$\frac{43}{431}$	$\frac{44}{431}$	$\frac{79}{431}$	$\frac{194}{431}$	$\Phi_{431}\ \Phi_1^2$
11889	432	545	$\frac{10}{109}$	$\frac{11}{109}$	$\frac{1}{5}$	$\frac{49}{109}$	Φ_{545}
11890	432	490	$\frac{1}{10}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{490}\ \Phi_{245}\ \Phi_{98}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
11891	432	116	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{1}{4}$	$\frac{13}{29}$	$\Phi_{116}^5\ \Phi_{58}^5\ \Phi_4^4\ \Phi_2^4$
11892	432	431	$\frac{26}{431}$	$\frac{45}{431}$	$\frac{119}{431}$	$\frac{193}{431}$	$\Phi_{431}\ \Phi_1^2$
11893	432	651	$\frac{10}{217}$	$\frac{23}{217}$	$\frac{1}{3}$	$\frac{97}{217}$	$\Phi_{651}\ \Phi_{93}\ \Phi_{21}$
11894	432	431	$\frac{20}{431}$	$\frac{49}{431}$	$\frac{137}{431}$	$\frac{191}{431}$	$\Phi_{431}\ \Phi_1^2$
11895	432	431	$\frac{39}{431}$	$\frac{49}{431}$	$\frac{80}{431}$	$\frac{191}{431}$	$\Phi_{431}\ \Phi_1^2$
11896	432	580	$\frac{9}{145}$	$\frac{17}{145}$	$\frac{1}{4}$	$\frac{64}{145}$	$\Phi_{580}\ \Phi_{290}\ \Phi_{116}\ \Phi_{58}\ \Phi_{20}\ \Phi_{10}$
11897	432	475	$\frac{1}{19}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{475}\ \Phi_{95}$
11898	432	1200	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1200}\ \Phi_{240}\ \Phi_{75}\ \Phi_{15}$
11899	432	752	$\frac{2}{47}$	$\frac{1}{8}$	$\frac{15}{47}$	$\frac{7}{16}$	$\Phi_{752}\ \Phi_{47}\ \Phi_{16}^2\ \Phi_1^2$
11900	432	272	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{272}^3\ \Phi_{68}\ \Phi_{34}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
11901	432	752	$\frac{3}{47}$	$\frac{1}{8}$	$\frac{11}{47}$	$\frac{7}{16}$	$\Phi_{752}\ \Phi_{47}\ \Phi_{16}^2\ \Phi_1^2$
11902	432	1040	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{1040}\ \Phi_{65}$
11903	432	752	$\frac{5}{47}$	$\frac{1}{8}$	$\frac{7}{47}$	$\frac{7}{16}$	$\Phi_{752}\ \Phi_{47}\ \Phi_{16}^2\ \Phi_1^2$
11904	432	1008	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{63}\ \Phi_{21}$
11905	432	431	$\frac{27}{431}$	$\frac{55}{431}$	$\frac{101}{431}$	$\frac{188}{431}$	$\Phi_{431}\ \Phi_1^2$
11906	432	481	$\frac{1}{13}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	Φ_{481}
11907	432	431	$\frac{41}{431}$	$\frac{61}{431}$	$\frac{65}{431}$	$\frac{185}{431}$	$\Phi_{431}\ \Phi_1^2$
11908	432	84	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{84}^8\ \Phi_{42}^8\ \Phi_{21}^7\ \Phi_{12}^8\ \Phi_6^8\ \Phi_3^6$
11909	432	371	$\frac{2}{53}$	$\frac{1}{7}$	$\frac{17}{53}$	$\frac{3}{7}$	$\Phi_{371}\ \Phi_{53}^2\ \Phi_7^2\ \Phi_1^4$
11910	432	532	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{532}\ \Phi_{266}\ \Phi_{76}^2\ \Phi_{38}^2$
11911	432	371	$\frac{5}{53}$	$\frac{1}{7}$	$\frac{8}{53}$	$\frac{3}{7}$	$\Phi_{371}\ \Phi_{53}^2\ \Phi_7^2\ \Phi_1^4$
11912	432	70	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{70}^7\ \Phi_{35}^7\ \Phi_{14}^7\ \Phi_{10}^6\ \Phi_5^6\ \Phi_2^6$
11913	432	511	$\frac{7}{73}$	$\frac{1}{7}$	$\frac{11}{73}$	$\frac{31}{73}$	Φ_{511}
11914	432	431	$\frac{41}{431}$	$\frac{62}{431}$	$\frac{65}{431}$	$\frac{183}{431}$	$\Phi_{431}\ \Phi_1^2$
11915	432	431	$\frac{29}{431}$	$\frac{67}{431}$	$\frac{83}{431}$	$\frac{182}{431}$	$\Phi_{431}\ \Phi_1^2$
11916	432	545	$\frac{7}{109}$	$\frac{17}{109}$	$\frac{1}{5}$	$\frac{46}{109}$	Φ_{545}
11917	432	580	$\frac{7}{145}$	$\frac{23}{145}$	$\frac{1}{4}$	$\frac{61}{145}$	$\Phi_{580}\ \Phi_{290}\ \Phi_{116}\ \Phi_{58}\ \Phi_{20}\ \Phi_{10}$
11918	432	431	$\frac{17}{431}$	$\frac{69}{431}$	$\frac{125}{431}$	$\frac{181}{431}$	$\Phi_{431}\ \Phi_1^2$
11919	432	93	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{1}{3}$	$\frac{13}{31}$	$\Phi_{93}^7\ \Phi_3^6$
11920	432	431	$\frac{14}{431}$	$\frac{73}{431}$	$\frac{139}{431}$	$\frac{179}{431}$	$\Phi_{431}\ \Phi_1^2$
11921	432	476	$\frac{1}{28}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{476}\ \Phi_{238}\ \Phi_{119}\ \Phi_{68}\ \Phi_{34}$
11922	432	555	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{555}\ \Phi_{111}^2$
11923	432	355	$\frac{2}{71}$	$\frac{1}{5}$	$\frac{23}{71}$	$\frac{2}{5}$	$\Phi_{355}\ \Phi_{71}^2\ \Phi_5^2\ \Phi_1^4$
11924	432	100	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{100}^6\ \Phi_{50}^6\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_4^4\ \Phi_2^4$
11925	432	355	$\frac{3}{71}$	$\frac{1}{5}$	$\frac{17}{71}$	$\frac{2}{5}$	$\Phi_{355}\ \Phi_{71}^2\ \Phi_5^2\ \Phi_1^4$
11926	432	95	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{95}^5\ \Phi_{19}^4$
11927	432	355	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{355}\ \Phi_{71}^2\ \Phi_5^2\ \Phi_1^4$
11928	432	455	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{455}\ \Phi_{91}^2$
11929	432	355	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{355}\ \Phi_{71}^2\ \Phi_5^2\ \Phi_1^4$
11930	432	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{90}^6\ \Phi_{45}^5\ \Phi_{30}^6\ \Phi_{18}^6\ \Phi_{15}^5\ \Phi_9^4\ \Phi_6^6\ \Phi_3^4$
11931	432	431	$\frac{29}{431}$	$\frac{67}{431}$	$\frac{91}{431}$	$\frac{170}{431}$	$\Phi_{431}\ \Phi_1^2$
11932	432	490	$\frac{1}{10}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{490}\ \Phi_{245}\ \Phi_{98}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
11933	432	431	$\frac{11}{431}$	$\frac{97}{431}$	$\frac{140}{431}$	$\frac{167}{431}$	$\Phi_{431}\ \Phi_1^2$
11934	432	431	$\frac{43}{431}$	$\frac{44}{431}$	$\frac{97}{431}$	$\frac{167}{431}$	$\Phi_{431}\ \Phi_1^2$
11935	432	396	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{396}^2\ \Phi_{132}^2\ \Phi_{99}\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{12}^2$
11936	432	481	$\frac{1}{37}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{481}
11937	432	511	$\frac{5}{73}$	$\frac{1}{7}$	$\frac{17}{73}$	$\frac{28}{73}$	Φ_{511}
11938	432	431	$\frac{19}{431}$	$\frac{89}{431}$	$\frac{103}{431}$	$\frac{164}{431}$	$\Phi_{431}\ \Phi_1^2$
11939	432	116	$\frac{1}{29}$	$\frac{7}{29}$	$\frac{1}{4}$	$\frac{11}{29}$	$\Phi_{116}^5\ \Phi_{58}^5\ \Phi_4^4\ \Phi_2^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
11940	432	431	$\frac{11}{431}$	$\frac{105}{431}$	$\frac{134}{431}$	$\frac{163}{431}$	$\Phi_{431}\ \Phi_1^2$
11941	432	651	$\frac{5}{217}$	$\frac{53}{217}$	$\frac{1}{3}$	$\frac{82}{217}$	$\Phi_{651}\ \Phi_{93}\ \Phi_{21}$
11942	432	544	$\frac{1}{17}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{544}\ \Phi_{272}\ \Phi_{68}\ \Phi_{34}$
11943	432	431	$\frac{15}{431}$	$\frac{104}{431}$	$\frac{109}{431}$	$\frac{161}{431}$	$\Phi_{431}\ \Phi_1^2$
11944	432	475	$\frac{1}{25}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{475}\ \Phi_{95}$
11945	432	475	$\frac{1}{19}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{475}\ \Phi_{95}$
11946	432	431	$\frac{23}{431}$	$\frac{68}{431}$	$\frac{121}{431}$	$\frac{155}{431}$	$\Phi_{431}\ \Phi_1^2$
11947	432	238	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{238}^3\ \Phi_{119}\ \Phi_{34}^3$
11948	432	431	$\frac{31}{431}$	$\frac{50}{431}$	$\frac{127}{431}$	$\frac{152}{431}$	$\Phi_{431}\ \Phi_1^2$
11949	432	481	$\frac{1}{13}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	Φ_{481}
11950	432	431	$\frac{35}{431}$	$\frac{44}{431}$	$\frac{129}{431}$	$\frac{151}{431}$	$\Phi_{431}\ \Phi_1^2$
11951	432	490	$\frac{4}{49}$	$\frac{1}{10}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{490}\ \Phi_{245}\ \Phi_{98}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
11952	432	431	$\frac{32}{431}$	$\frac{47}{431}$	$\frac{133}{431}$	$\frac{149}{431}$	$\Phi_{431}\ \Phi_1^2$
11953	432	495	$\frac{4}{55}$	$\frac{1}{9}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}\ \Phi_{45}\ \Phi_{33}\ \Phi_{15}$
11954	432	511	$\frac{4}{73}$	$\frac{1}{7}$	$\frac{23}{73}$	$\frac{25}{73}$	Φ_{511}
11955	432	431	$\frac{20}{431}$	$\frac{71}{431}$	$\frac{137}{431}$	$\frac{147}{431}$	$\Phi_{431}\ \Phi_1^2$
11956	432	545	$\frac{4}{109}$	$\frac{1}{5}$	$\frac{35}{109}$	$\frac{37}{109}$	Φ_{545}
11957	432	431	$\frac{14}{431}$	$\frac{95}{431}$	$\frac{139}{431}$	$\frac{146}{431}$	$\Phi_{431}\ \Phi_1^2$
11958	432	580	$\frac{4}{145}$	$\frac{1}{4}$	$\frac{47}{145}$	$\frac{49}{145}$	$\Phi_{580}\ \Phi_{290}\ \Phi_{116}\ \Phi_{58}\ \Phi_{20}\ \Phi_{10}$
11959	432	431	$\frac{8}{431}$	$\frac{141}{431}$	$\frac{143}{431}$	$\frac{145}{431}$	$\Phi_{431}\ \Phi_1^2$
11960	432	651	$\frac{4}{217}$	$\frac{71}{217}$	$\frac{1}{3}$	$\frac{73}{217}$	$\Phi_{651}\ \Phi_{93}\ \Phi_{21}$
11961	432	165	$\frac{1}{55}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}^3\ \Phi_{55}^2\ \Phi_{33}^3\ \Phi_{15}^3\ \Phi_{11}^2\ \Phi_5^2$
11962	432	321	$\frac{2}{107}$	$\frac{35}{107}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{321}\ \Phi_{107}^2\ \Phi_3^2\ \Phi_1^4$
11963	432	444	$\frac{1}{37}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{444}\ \Phi_{222}\ \Phi_{148}^2\ \Phi_{74}^2$
11964	432	321	$\frac{3}{107}$	$\frac{26}{107}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{321}\ \Phi_{107}^2\ \Phi_3^2\ \Phi_1^4$
11965	432	420	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
11966	432	321	$\frac{5}{107}$	$\frac{17}{107}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{321}\ \Phi_{107}^2\ \Phi_3^2\ \Phi_1^4$
11967	432	399	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{399}\ \Phi_{133}^2$
11968	432	321	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{321}\ \Phi_{107}^2\ \Phi_3^2\ \Phi_1^4$
11969	432	390	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{390}\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{26}^2$
11970	432	852	$\frac{2}{71}$	$\frac{1}{4}$	$\frac{23}{71}$	$\frac{1}{3}$	$\Phi_{852}\ \Phi_{426}\ \Phi_{12}^2\ \Phi_6^2$
11971	432	93	$\frac{1}{31}$	$\frac{7}{31}$	$\frac{10}{31}$	$\frac{1}{3}$	$\Phi_{93}^7\ \Phi_3^6$
11972	432	795	$\frac{2}{53}$	$\frac{1}{5}$	$\frac{17}{53}$	$\frac{1}{3}$	$\Phi_{795}\ \Phi_{15}^2$
11973	432	651	$\frac{10}{217}$	$\frac{37}{217}$	$\frac{69}{217}$	$\frac{1}{3}$	$\Phi_{651}\ \Phi_{93}\ \Phi_{21}$
11974	432	105	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{105}^6\ \Phi_{21}^7\ \Phi_{15}^6\ \Phi_3^6$
11975	432	651	$\frac{16}{217}$	$\frac{25}{217}$	$\frac{67}{217}$	$\frac{1}{3}$	$\Phi_{651}\ \Phi_{93}\ \Phi_{21}$
11976	432	117	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{117}^4\ \Phi_{39}^2\ \Phi_{13}^4\ \Phi_9^6\ \Phi_3^3\ \Phi_1^6$
11977	432	690	$\frac{2}{23}$	$\frac{1}{10}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{690}\ \Phi_{345}\ \Phi_{138}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
11978	432	651	$\frac{19}{217}$	$\frac{22}{217}$	$\frac{65}{217}$	$\frac{1}{3}$	$\Phi_{651}\ \Phi_{93}\ \Phi_{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
11979	432	651	$\frac{17}{217}$	$\frac{25}{217}$	$\frac{64}{217}$	$\frac{1}{3}$	$\Phi_{651}\ \Phi_{93}\ \Phi_{21}$
11980	432	663	$\frac{1}{13}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{663}\ \Phi_{39}^2$
11981	432	231	$\frac{5}{77}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{231}^3\ \Phi_{33}^3\ \Phi_{21}$
11982	432	651	$\frac{13}{217}$	$\frac{34}{217}$	$\frac{61}{217}$	$\frac{1}{3}$	$\Phi_{651}\ \Phi_{93}\ \Phi_{21}$
11983	432	627	$\frac{1}{19}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{627}\ \Phi_{57}^2$
11984	432	651	$\frac{9}{217}$	$\frac{52}{217}$	$\frac{55}{217}$	$\frac{1}{3}$	$\Phi_{651}\ \Phi_{93}\ \Phi_{21}$
11985	432	300	$\frac{1}{25}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{75}^3\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^3$
11986	432	852	$\frac{3}{71}$	$\frac{17}{71}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{852}\ \Phi_{426}\ \Phi_{12}^2\ \Phi_6^2$
11987	432	1140	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}$
11988	432	852	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{852}\ \Phi_{426}\ \Phi_{12}^2\ \Phi_6^2$
11989	432	1092	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}\ \Phi_{546}$
11990	432	852	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{852}\ \Phi_{426}\ \Phi_{12}^2\ \Phi_6^2$
11991	432	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
11992	432	105	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{105}^6\ \Phi_{21}^7\ \Phi_{15}^6\ \Phi_3^6$
11993	432	93	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{93}^7\ \Phi_3^6$
11994	432	690	$\frac{1}{10}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{690}\ \Phi_{345}\ \Phi_{138}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
11995	432	651	$\frac{19}{217}$	$\frac{33}{217}$	$\frac{46}{217}$	$\frac{1}{3}$	$\Phi_{651}\ \Phi_{93}\ \Phi_{21}$
11996	432	795	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{795}\ \Phi_{15}^2$
11997	432	210	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^4\ \Phi_{105}^3\ \Phi_{42}^4\ \Phi_{21}^4$
11998	432	735	$\frac{29}{245}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{735}\ \Phi_{147}\ \Phi_{21}$
11999	432	21	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{21}^{31}\ \Phi_3^{30}$
12000	432	188	$\frac{2}{47}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{15}{47}$	$\Phi_{188}^2\ \Phi_{94}^2\ \Phi_{47}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
12001	432	431	$\frac{20}{431}$	$\frac{98}{431}$	$\frac{111}{431}$	$\frac{137}{431}$	$\Phi_{431}\ \Phi_1^2$
12002	432	580	$\frac{7}{145}$	$\frac{33}{145}$	$\frac{1}{4}$	$\frac{46}{145}$	$\Phi_{580}\ \Phi_{290}\ \Phi_{116}\ \Phi_{58}\ \Phi_{20}\ \Phi_{10}$
12003	432	385	$\frac{2}{35}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{11}{35}$	$\Phi_{385}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
12004	432	140	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{11}{35}$	$\Phi_{140}^4\ \Phi_{70}^4\ \Phi_{28}^4\ \Phi_{20}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_4^4\ \Phi_2^4$
12005	432	431	$\frac{26}{431}$	$\frac{74}{431}$	$\frac{119}{431}$	$\frac{135}{431}$	$\Phi_{431}\ \Phi_1^2$
12006	432	545	$\frac{7}{109}$	$\frac{1}{5}$	$\frac{25}{109}$	$\frac{34}{109}$	Φ_{545}
12007	432	431	$\frac{29}{431}$	$\frac{83}{431}$	$\frac{99}{431}$	$\frac{134}{431}$	$\Phi_{431}\ \Phi_1^2$
12008	432	116	$\frac{2}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{116}^5\ \Phi_{58}^5\ \Phi_4^4\ \Phi_2^4$
12009	432	65	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{65}^6\ \Phi_{13}^8\ \Phi_5^9\ \Phi_1^{12}$
12010	432	391	$\frac{2}{23}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{7}{23}$	$\Phi_{391}\ \Phi_{23}^2\ \Phi_{17}^2\ \Phi_1^4$
12011	432	644	$\frac{2}{23}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{644}\ \Phi_{322}\ \Phi_{28}^2\ \Phi_{14}^2$
12012	432	431	$\frac{38}{431}$	$\frac{50}{431}$	$\frac{127}{431}$	$\frac{131}{431}$	$\Phi_{431}\ \Phi_1^2$
12013	432	431	$\frac{38}{431}$	$\frac{75}{431}$	$\frac{89}{431}$	$\frac{131}{431}$	$\Phi_{431}\ \Phi_1^2$
12014	432	545	$\frac{10}{109}$	$\frac{19}{109}$	$\frac{1}{5}$	$\frac{33}{109}$	Φ_{545}
12015	432	511	$\frac{7}{73}$	$\frac{1}{7}$	$\frac{17}{73}$	$\frac{22}{73}$	Φ_{511}
12016	432	431	$\frac{47}{431}$	$\frac{55}{431}$	$\frac{101}{431}$	$\frac{128}{431}$	$\Phi_{431}\ \Phi_1^2$
12017	432	580	$\frac{16}{145}$	$\frac{17}{145}$	$\frac{1}{4}$	$\frac{43}{145}$	$\Phi_{580}\ \Phi_{290}\ \Phi_{116}\ \Phi_{58}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
12018	432	612	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{102}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{6}^2$
12019	432	391	$\frac{2}{17}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{5}{17}$	$\Phi_{391}\ \Phi_{23}^2\ \Phi_{17}^2\ \Phi_{1}^4$
12020	432	595	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{595}\ \Phi_{35}^2$
12021	432	495	$\frac{1}{9}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}\ \Phi_{45}\ \Phi_{33}\ \Phi_{15}$
12022	432	431	$\frac{51}{431}$	$\frac{56}{431}$	$\frac{95}{431}$	$\frac{125}{431}$	$\Phi_{431}\ \Phi_{1}^2$
12023	432	511	$\frac{10}{73}$	$\frac{1}{7}$	$\frac{13}{73}$	$\frac{21}{73}$	Φ_{511}
12024	432	210	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{70}\ \Phi_{42}^3\ \Phi_{35}\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{14}\ \Phi_{6}^3$
12025	432	431	$\frac{59}{431}$	$\frac{62}{431}$	$\frac{77}{431}$	$\frac{123}{431}$	$\Phi_{431}\ \Phi_{1}^2$
12026	432	545	$\frac{13}{109}$	$\frac{16}{109}$	$\frac{1}{5}$	$\frac{31}{109}$	Φ_{545}
12027	432	431	$\frac{41}{431}$	$\frac{65}{431}$	$\frac{103}{431}$	$\frac{122}{431}$	$\Phi_{431}\ \Phi_{1}^2$
12028	432	580	$\frac{13}{145}$	$\frac{22}{145}$	$\frac{1}{4}$	$\frac{41}{145}$	$\Phi_{580}\ \Phi_{290}\ \Phi_{116}\ \Phi_{58}\ \Phi_{20}\ \Phi_{10}$
12029	432	225	$\frac{1}{9}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{225}^2\ \Phi_{75}^2\ \Phi_{45}^3\ \Phi_{15}^3\ \Phi_{9}^2\ \Phi_{3}^2$
12030	432	572	$\frac{1}{13}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{572}\ \Phi_{286}\ \Phi_{52}^2\ \Phi_{26}^2$
12031	432	385	$\frac{3}{35}$	$\frac{2}{11}$	$\frac{8}{35}$	$\frac{3}{11}$	$\Phi_{385}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
12032	432	110	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{110}^4\ \Phi_{55}^3\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_{10}^8\ \Phi_{5}^6\ \Phi_{2}^8\ \Phi_{1}^8$
12033	432	77	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{77}^5\ \Phi_{11}^6\ \Phi_{7}^{10}\ \Phi_{1}^{12}$
12034	432	481	$\frac{1}{13}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	Φ_{481}
12035	432	431	$\frac{35}{431}$	$\frac{83}{431}$	$\frac{99}{431}$	$\frac{116}{431}$	$\Phi_{431}\ \Phi_{1}^2$
12036	432	490	$\frac{1}{10}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{490}\ \Phi_{245}\ \Phi_{98}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
12037	432	431	$\frac{53}{431}$	$\frac{63}{431}$	$\frac{92}{431}$	$\frac{113}{431}$	$\Phi_{431}\ \Phi_{1}^2$
12038	432	511	$\frac{9}{73}$	$\frac{1}{7}$	$\frac{16}{73}$	$\frac{19}{73}$	Φ_{511}
12039	432	431	$\frac{39}{431}$	$\frac{80}{431}$	$\frac{98}{431}$	$\frac{111}{431}$	$\Phi_{431}\ \Phi_{1}^2$
12040	432	545	$\frac{9}{109}$	$\frac{1}{5}$	$\frac{25}{109}$	$\frac{28}{109}$	Φ_{545}
12041	432	431	$\frac{27}{431}$	$\frac{101}{431}$	$\frac{107}{431}$	$\frac{110}{431}$	$\Phi_{431}\ \Phi_{1}^2$
12042	432	580	$\frac{9}{145}$	$\frac{34}{145}$	$\frac{1}{4}$	$\frac{37}{145}$	$\Phi_{580}\ \Phi_{290}\ \Phi_{116}\ \Phi_{58}\ \Phi_{20}\ \Phi_{10}$
12043	432	68	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{68}^7\ \Phi_{34}^7\ \Phi_{17}^6$
12044	432	188	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{188}^2\ \Phi_{94}^2\ \Phi_{47}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
12045	432	260	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{260}^2\ \Phi_{130}^2\ \Phi_{65}^3$
12046	432	188	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{188}^2\ \Phi_{94}^2\ \Phi_{47}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
12047	432	252	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^3\ \Phi_{42}^2\ \Phi_{21}^3$
12048	432	140	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{8}{35}$	$\frac{1}{4}$	$\Phi_{140}^4\ \Phi_{70}^4\ \Phi_{28}^4\ \Phi_{20}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_{4}^4\ \Phi_{2}^4$
12049	432	580	$\frac{13}{145}$	$\frac{28}{145}$	$\frac{33}{145}$	$\frac{1}{4}$	$\Phi_{580}\ \Phi_{290}\ \Phi_{116}\ \Phi_{58}\ \Phi_{20}\ \Phi_{10}$
12050	432	644	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{644}\ \Phi_{322}\ \Phi_{28}^2\ \Phi_{14}^2$
12051	432	580	$\frac{19}{145}$	$\frac{21}{145}$	$\frac{31}{145}$	$\frac{1}{4}$	$\Phi_{580}\ \Phi_{290}\ \Phi_{116}\ \Phi_{58}\ \Phi_{20}\ \Phi_{10}$
12052	432	20	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{20}^{29}\ \Phi_{10}^{13}\ \Phi_{5}^{16}\ \Phi_{4}^{28}\ \Phi_{2}^{12}\ \Phi_{1}^{16}$
12053	432	700	$\frac{4}{35}$	$\frac{31}{175}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{700}\ \Phi_{350}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
12054	432	140	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^5\ \Phi_{70}^5\ \Phi_{20}^6\ \Phi_{10}^6$
12055	433	768	$\frac{1}{48}$	$\frac{49}{384}$	$\frac{335}{768}$	$\frac{47}{96}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{96}\ \Phi_{32}\ \Phi_{1}$
12056	433	576	$\frac{1}{48}$	$\frac{143}{576}$	$\frac{49}{192}$	$\frac{47}{96}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
12057	433	522	$\frac{2}{87}$	$\frac{89}{522}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{522}\ \Phi_{261}\ \Phi_{87}\ \Phi_{29}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
12058	433	840	$\frac{13}{420}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{407}{840}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{56}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
12059	433	832	$\frac{17}{416}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{399}{832}$	$\Phi_{832}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
12060	433	528	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{95}{528}$	$\frac{81}{176}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
12061	433	800	$\frac{33}{400}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{367}{800}$	$\Phi_{800}\ \Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
12062	433	504	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{71}{504}$	$\frac{55}{126}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
12063	433	768	$\frac{1}{16}$	$\frac{49}{384}$	$\frac{15}{64}$	$\frac{335}{768}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
12064	433	450	$\frac{17}{450}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
12065	433	756	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{378}$	$\frac{323}{756}$	$\Phi_{756}\ \Phi_{252}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
12066	433	480	$\frac{47}{480}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
12067	433	540	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{107}{540}$	$\frac{73}{180}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
12068	433	720	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{73}{360}$	$\frac{287}{720}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
12069	433	704	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{81}{352}$	$\frac{271}{704}$	$\Phi_{704}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
12070	433	512	$\frac{1}{16}$	$\frac{79}{512}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{512}\ \Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
12071	433	696	$\frac{2}{87}$	$\frac{85}{348}$	$\frac{1}{3}$	$\frac{263}{696}$	$\Phi_{696}\ \Phi_{232}\ \Phi_{87}\ \Phi_{29}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
12072	433	672	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{97}{336}$	$\frac{239}{672}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{112}\ \Phi_{96}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
12073	433	648	$\frac{1}{54}$	$\frac{53}{162}$	$\frac{215}{648}$	$\frac{109}{324}$	$\Phi_{648}\ \Phi_{216}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
12074	433	630	$\frac{13}{210}$	$\frac{2}{15}$	$\frac{197}{630}$	$\frac{1}{3}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
12075	433	480	$\frac{47}{480}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
12076	433	525	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{92}{525}$	$\frac{1}{3}$	$\Phi_{525}\ \Phi_{175}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
12077	433	567	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{134}{567}$	$\frac{55}{189}$	$\Phi_{567}\ \Phi_{81}\ \Phi_{63}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
12078	433	600	$\frac{1}{8}$	$\frac{33}{200}$	$\frac{7}{40}$	$\frac{167}{600}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
12079	433	576	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{143}{576}$	$\frac{49}{192}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
12080	434	732	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{30}{61}$	$\Phi_{732}\ \Phi_{244}\ \Phi_{61}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
12081	434	549	$\frac{1}{61}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{30}{61}$	$\Phi_{549}\ \Phi_{61}\ \Phi_{9}^2\ \Phi_{1}^2$
12082	434	780	$\frac{1}{30}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{29}{60}$	$\Phi_{780}\ \Phi_{260}\ \Phi_{156}\ \Phi_{60}^2\ \Phi_{52}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
12083	434	120	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{120}^4\ \Phi_{60}^2\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^5\ \Phi_{20}^2\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{6}^5\ \Phi_{5}^4\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
12084	434	168	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{42}\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^3\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{6}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
12085	434	429	$\frac{2}{33}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{429}\ \Phi_{143}\ \Phi_{33}^2\ \Phi_{13}\ \Phi_{11}^2\ \Phi_{1}^2$
12086	434	585	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{14}{45}$	$\frac{6}{13}$	$\Phi_{585}\ \Phi_{117}\ \Phi_{45}^2\ \Phi_{13}\ \Phi_{9}^2\ \Phi_{1}^2$
12087	434	520	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{6}{13}$	$\Phi_{520}\ \Phi_{260}\ \Phi_{104}\ \Phi_{52}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{1}^2$
12088	434	455	$\frac{1}{13}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{455}\ \Phi_{91}\ \Phi_{35}^2\ \Phi_{13}\ \Phi_{7}^2\ \Phi_{1}^2$
12089	434	468	$\frac{1}{13}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{52}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{4}^2\ \Phi_{1}^2$
12090	434	840	$\frac{1}{15}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
12091	434	56	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{56}^7\ \Phi_{28}^9\ \Phi_{14}^9\ \Phi_{8}^6\ \Phi_{7}^8\ \Phi_{4}^8\ \Phi_{2}^8\ \Phi_{1}^8$
12092	434	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{72}^7\ \Phi_{36}^5\ \Phi_{24}^7\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_{9}^6\ \Phi_{8}^6\ \Phi_{6}^5\ \Phi_{4}^4\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
12093	434	280	$\frac{4}{35}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{280}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}^2$
12094	434	216	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
12095	434	96	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{96}^5\ \Phi_{48}^5\ \Phi_{32}^4\ \Phi_{24}^5\ \Phi_{16}^4\ \Phi_{12}^3\ \Phi_8^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
12096	434	160	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{160}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
12097	434	240	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{240}^3\ \Phi_{120}\ \Phi_{80}^3\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
12098	434	288	$\frac{1}{32}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}\ \Phi_{72}^2\ \Phi_{48}\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
12099	434	264	$\frac{2}{33}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{12}\ \Phi_6$
12100	434	360	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
12101	434	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{120}^5\ \Phi_{60}^5\ \Phi_{30}^6\ \Phi_{24}^6\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_6^7\ \Phi_3^6$
12102	434	840	$\frac{4}{35}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
12103	434	600	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{50}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
12104	434	72	$\frac{1}{8}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{72}^8\ \Phi_{36}^6\ \Phi_{24}^5\ \Phi_{18}^6\ \Phi_{12}^3\ \Phi_9^6\ \Phi_8^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
12105	434	648	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
12106	434	168	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{168}^4\ \Phi_{84}^4\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{24}^4\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
12107	435	344	$\frac{1}{86}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{85}{172}$	$\Phi_{344}^2\ \Phi_{172}\ \Phi_8^3\ \Phi_4\ \Phi_1$
12108	435	248	$\frac{1}{62}$	$\frac{21}{124}$	$\frac{103}{248}$	$\frac{61}{124}$	$\Phi_{248}^3\ \Phi_{124}\ \Phi_8^3\ \Phi_4\ \Phi_1$
12109	435	56	$\frac{1}{28}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{27}{56}$	$\Phi_{56}^{15}\ \Phi_{28}\ \Phi_8^{15}\ \Phi_4\ \Phi_1$
12110	435	56	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{27}{56}$	$\Phi_{56}^{15}\ \Phi_8^{15}\ \Phi_7^2\ \Phi_1^3$
12111	435	168	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{168}^6\ \Phi_{56}^3\ \Phi_{24}^6\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
12112	435	196	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{51}{196}$	$\frac{47}{98}$	$\Phi_{196}^3\ \Phi_{49}^3\ \Phi_{28}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
12113	435	84	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{13}{28}$	$\Phi_{84}^{14}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}^{14}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
12114	435	224	$\frac{1}{14}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{224}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{32}^3\ \Phi_{28}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
12115	435	112	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{13}{28}$	$\Phi_{112}^5\ \Phi_{56}^5\ \Phi_{28}\ \Phi_{16}^5\ \Phi_8^5\ \Phi_4\ \Phi_1$
12116	435	168	$\frac{1}{14}$	$\frac{23}{168}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
12117	435	140	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{13}{28}$	$\Phi_{140}^7\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}^7\ \Phi_5\ \Phi_4\ \Phi_1$
12118	435	432	$\frac{1}{16}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
12119	435	480	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{73}{160}$	$\Phi_{480}^2\ \Phi_{160}\ \Phi_{96}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
12120	435	168	$\frac{2}{21}$	$\frac{23}{168}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
12121	435	80	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{80}^6\ \Phi_{40}^5\ \Phi_{20}^6\ \Phi_{16}^5\ \Phi_{10}^5\ \Phi_8^4\ \Phi_5^5\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
12122	435	784	$\frac{1}{14}$	$\frac{43}{392}$	$\frac{13}{56}$	$\frac{349}{784}$	$\Phi_{784}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
12123	435	784	$\frac{43}{392}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{349}{784}$	$\Phi_{784}\ \Phi_{112}\ \Phi_{49}\ \Phi_{16}\ \Phi_1$
12124	435	98	$\frac{11}{98}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{98}^4\ \Phi_{49}^5\ \Phi_{14}^4\ \Phi_7^4\ \Phi_2^4\ \Phi_1^5$
12125	435	96	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{96}^6\ \Phi_{48}^4\ \Phi_{32}^3\ \Phi_{24}^6\ \Phi_{16}^2\ \Phi_{12}^6\ \Phi_8^3\ \Phi_6^5\ \Phi_4^3\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
12126	435	462	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{6}$	$\frac{67}{154}$	$\Phi_{462}\ \Phi_{231}\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{42}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{21}\ \Phi_{11}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
12127	435	91	$\frac{4}{91}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{91}^5\ \Phi_{13}^5\ \Phi_7^2\ \Phi_1^3$
12128	435	252	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{126}$	$\frac{107}{252}$	$\Phi_{252}^3\ \Phi_{84}^3\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
12129	435	400	$\frac{1}{16}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
12130	435	31	$\frac{2}{31}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{31}^{14}\ \Phi_1^{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
12131	435	144	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{144}^{4}\,\Phi_{72}^{4}\,\Phi_{48}^{2}\,\Phi_{36}^{3}\,\Phi_{24}^{2}\,\Phi_{18}^{3}\,\Phi_{16}\,\Phi_{12}^{2}\,\Phi_{9}^{3}\,\Phi_{8}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
12132	435	248	$\frac{1}{31}$	$\frac{21}{124}$	$\frac{10}{31}$	$\frac{103}{248}$	$\Phi_{248}^{3}\,\Phi_{31}^{2}\,\Phi_{8}^{3}\,\Phi_{1}^{3}$
12133	435	124	$\frac{1}{31}$	$\frac{6}{31}$	$\frac{37}{124}$	$\frac{25}{62}$	$\Phi_{124}^{5}\,\Phi_{31}^{4}\,\Phi_{4}^{5}\,\Phi_{1}^{5}$
12134	435	48	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{48}^{9}\,\Phi_{24}^{10}\,\Phi_{16}^{8}\,\Phi_{12}^{10}\,\Phi_{8}^{9}\,\Phi_{6}^{9}\,\Phi_{4}^{9}\,\Phi_{3}^{9}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
12135	435	344	$\frac{1}{43}$	$\frac{1}{4}$	$\frac{14}{43}$	$\frac{3}{8}$	$\Phi_{344}^{2}\,\Phi_{43}^{2}\,\Phi_{8}^{3}\,\Phi_{1}^{3}$
12136	435	120	$\frac{1}{30}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^{6}\,\Phi_{60}^{2}\,\Phi_{40}^{6}\,\Phi_{30}\,\Phi_{24}^{6}\,\Phi_{20}^{2}\,\Phi_{15}\,\Phi_{12}^{2}\,\Phi_{10}\,\Phi_{8}^{3}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
12137	435	154	$\frac{9}{154}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{154}^{3}\,\Phi_{77}^{3}\,\Phi_{22}^{3}\,\Phi_{11}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
12138	435	31	$\frac{2}{31}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{31}^{14}\,\Phi_{1}^{15}$
12139	435	224	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{33}{112}$	$\frac{79}{224}$	$\Phi_{224}^{3}\,\Phi_{112}\,\Phi_{56}\,\Phi_{32}^{3}\,\Phi_{28}\,\Phi_{16}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
12140	435	132	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{132}^{6}\,\Phi_{66}^{2}\,\Phi_{44}^{3}\,\Phi_{33}^{2}\,\Phi_{22}\,\Phi_{12}^{6}\,\Phi_{11}\,\Phi_{6}\,\Phi_{4}^{3}\,\Phi_{3}\,\Phi_{1}$
12141	435	186	$\frac{1}{31}$	$\frac{41}{186}$	$\frac{10}{31}$	$\frac{21}{62}$	$\Phi_{186}^{3}\,\Phi_{93}^{3}\,\Phi_{31}^{2}\,\Phi_{6}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
12142	435	144	$\frac{1}{16}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{144}^{3}\,\Phi_{72}^{3}\,\Phi_{48}^{4}\,\Phi_{36}^{2}\,\Phi_{24}^{4}\,\Phi_{18}^{2}\,\Phi_{16}^{3}\,\Phi_{12}^{3}\,\Phi_{9}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
12143	435	42	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{13}{42}$	$\Phi_{42}^{15}\,\Phi_{21}^{15}\,\Phi_{7}^{2}\,\Phi_{6}^{15}\,\Phi_{3}^{15}\,\Phi_{1}^{3}$
12144	435	84	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{84}^{6}\,\Phi_{42}^{3}\,\Phi_{28}^{8}\,\Phi_{21}^{3}\,\Phi_{14}^{4}\,\Phi_{12}^{8}\,\Phi_{7}^{4}\,\Phi_{6}^{4}\,\Phi_{4}^{9}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
12145	435	189	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{44}{189}$	$\frac{19}{63}$	$\Phi_{189}^{3}\,\Phi_{27}^{3}\,\Phi_{21}^{3}\,\Phi_{7}^{2}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
12146	435	224	$\frac{3}{32}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{224}^{2}\,\Phi_{112}^{2}\,\Phi_{56}^{2}\,\Phi_{32}^{3}\,\Phi_{16}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
12147	435	112	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{112}$	$\frac{2}{7}$	$\Phi_{112}^{5}\,\Phi_{56}^{5}\,\Phi_{16}^{5}\,\Phi_{8}^{5}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
12148	435	98	$\frac{11}{98}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{98}^{5}\,\Phi_{49}^{5}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
12149	435	168	$\frac{23}{168}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{168}^{3}\,\Phi_{84}^{3}\,\Phi_{56}^{3}\,\Phi_{42}^{3}\,\Phi_{24}^{3}\,\Phi_{21}^{3}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{6}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
12150	435	35	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{2}{7}$	$\Phi_{35}^{15}\,\Phi_{7}^{2}\,\Phi_{5}^{15}\,\Phi_{1}^{3}$
12151	435	120	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{120}^{4}\,\Phi_{60}^{4}\,\Phi_{40}^{2}\,\Phi_{30}^{4}\,\Phi_{24}^{6}\,\Phi_{20}^{2}\,\Phi_{15}^{4}\,\Phi_{12}^{6}\,\Phi_{10}^{2}\,\Phi_{8}^{3}\,\Phi_{6}^{5}\,\Phi_{5}^{2}\,\Phi_{4}^{3}\,\Phi_{3}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
12152	435	196	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{196}$	$\frac{51}{196}$	$\Phi_{196}^{2}\,\Phi_{98}^{2}\,\Phi_{49}^{3}\,\Phi_{28}^{2}\,\Phi_{14}^{2}\,\Phi_{7}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
12153	435	96	$\frac{3}{32}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{96}^{6}\,\Phi_{48}^{6}\,\Phi_{32}^{3}\,\Phi_{24}^{6}\,\Phi_{16}^{3}\,\Phi_{12}^{2}\,\Phi_{8}^{3}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
12154	435	336	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{336}^{2}\,\Phi_{168}^{2}\,\Phi_{112}\,\Phi_{56}\,\Phi_{48}^{2}\,\Phi_{24}^{2}\,\Phi_{16}\,\Phi_{12}^{2}\,\Phi_{8}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
12155	435	420	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{420}^{2}\,\Phi_{210}\,\Phi_{140}\,\Phi_{105}\,\Phi_{60}^{2}\,\Phi_{35}\,\Phi_{30}\,\Phi_{20}\,\Phi_{15}\,\Phi_{12}^{2}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
12156	436	216	$\frac{1}{108}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{107}{216}$	$\Phi_{216}^{4}\,\Phi_{72}^{4}\,\Phi_{24}^{4}\,\Phi_{8}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
12157	436	174	$\frac{1}{87}$	$\frac{22}{87}$	$\frac{65}{174}$	$\frac{43}{87}$	$\Phi_{174}^{4}\,\Phi_{87}\,\Phi_{58}^{4}\,\Phi_{29}\,\Phi_{6}^{4}\,\Phi_{3}\,\Phi_{2}^{4}\,\Phi_{1}^{2}$
12158	436	438	$\frac{1}{73}$	$\frac{37}{146}$	$\frac{1}{3}$	$\frac{36}{73}$	$\Phi_{438}^{2}\,\Phi_{219}\,\Phi_{6}^{2}$
12159	436	215	$\frac{3}{215}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{106}{215}$	$\Phi_{215}^{2}\,\Phi_{43}^{2}\,\Phi_{5}^{3}\,\Phi_{1}^{4}$
12160	436	203	$\frac{1}{29}$	$\frac{15}{203}$	$\frac{94}{203}$	$\frac{14}{29}$	$\Phi_{203}^{2}\,\Phi_{29}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{4}$
12161	436	210	$\frac{4}{105}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{101}{210}$	$\Phi_{210}^{4}\,\Phi_{70}^{4}\,\Phi_{42}^{4}\,\Phi_{30}^{4}\,\Phi_{15}\,\Phi_{14}^{4}\,\Phi_{10}^{4}\,\Phi_{6}^{4}\,\Phi_{5}\,\Phi_{3}\,\Phi_{2}^{4}\,\Phi_{1}^{2}$
12162	436	210	$\frac{4}{105}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{101}{210}$	$\Phi_{210}^{4}\,\Phi_{70}^{4}\,\Phi_{42}^{4}\,\Phi_{30}^{4}\,\Phi_{14}^{4}\,\Phi_{10}^{4}\,\Phi_{6}^{4}\,\Phi_{5}^{3}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
12163	436	660	$\frac{1}{22}$	$\frac{23}{132}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{660}\,\Phi_{330}\,\Phi_{165}\,\Phi_{110}\,\Phi_{60}\,\Phi_{55}\,\Phi_{30}\,\Phi_{15}\,\Phi_{10}$
12164	436	315	$\frac{1}{15}$	$\frac{8}{105}$	$\frac{97}{315}$	$\frac{7}{15}$	$\Phi_{315}^{2}\,\Phi_{63}^{2}\,\Phi_{45}^{2}\,\Phi_{15}\,\Phi_{9}^{2}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$
12165	436	120	$\frac{1}{15}$	$\frac{11}{120}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{120}^{4}\,\Phi_{60}^{4}\,\Phi_{40}^{4}\,\Phi_{30}^{4}\,\Phi_{24}^{4}\,\Phi_{20}^{4}\,\Phi_{15}\,\Phi_{12}^{4}\,\Phi_{10}^{4}\,\Phi_{8}^{4}\,\Phi_{6}^{4}\,\Phi_{5}\,\Phi_{4}^{4}\,\Phi_{3}\,\Phi_{2}^{4}\,\Phi_{1}^{2}$
12166	436	405	$\frac{1}{15}$	$\frac{31}{405}$	$\frac{14}{45}$	$\frac{187}{405}$	$\Phi_{405}\,\Phi_{135}\,\Phi_{81}\,\Phi_{45}^{2}\,\Phi_{27}\,\Phi_{15}\,\Phi_{9}^{2}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$
12167	436	200	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{91}{200}$	$\Phi_{200}^{4}\,\Phi_{40}^{4}\,\Phi_{10}^{4}\,\Phi_{8}^{4}\,\Phi_{5}^{3}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
12168	436	150	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{41}{150}$	$\frac{34}{75}$	$\Phi_{150}^4\ \Phi_{75}^2\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
12169	436	120	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
12170	436	990	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{5}$	$\frac{89}{198}$	$\Phi_{990}\ \Phi_{330}\ \Phi_{110}\ \Phi_{90}\ \Phi_{55}\ \Phi_{30}\ \Phi_{10}$
12171	436	116	$\frac{7}{116}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{116}^4\ \Phi_{58}^4\ \Phi_{29}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
12172	436	385	$\frac{4}{55}$	$\frac{51}{385}$	$\frac{1}{5}$	$\frac{167}{385}$	$\Phi_{385}\ \Phi_{77}\ \Phi_{55}^2\ \Phi_{35}\ \Phi_{11}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
12173	436	135	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{26}{135}$	$\frac{19}{45}$	$\Phi_{135}^4\ \Phi_{45}^2\ \Phi_{27}^4\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
12174	436	375	$\frac{1}{15}$	$\frac{61}{375}$	$\frac{14}{75}$	$\frac{157}{375}$	$\Phi_{375}\ \Phi_{125}\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
12175	436	180	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{19}{90}$	$\frac{71}{180}$	$\Phi_{180}^4\ \Phi_{60}^4\ \Phi_{45}^2\ \Phi_{36}^4\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_9^2\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
12176	436	880	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{21}{88}$	$\frac{67}{176}$	$\Phi_{880}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{10}$
12177	436	174	$\frac{1}{29}$	$\frac{7}{29}$	$\frac{22}{87}$	$\frac{65}{174}$	$\Phi_{174}^4\ \Phi_{58}^4\ \Phi_{29}^3\ \Phi_6^4\ \Phi_2^4\ \Phi_1^4$
12178	436	165	$\frac{2}{55}$	$\frac{1}{5}$	$\frac{53}{165}$	$\frac{56}{165}$	$\Phi_{165}^2\ \Phi_{55}^4\ \Phi_{33}^2\ \Phi_{15}^2\ \Phi_{11}^4\ \Phi_5^3\ \Phi_3^2\ \Phi_1^4$
12179	436	111	$\frac{2}{111}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{111}^4\ \Phi_{37}^4\ \Phi_3\ \Phi_1^2$
12180	436	162	$\frac{1}{54}$	$\frac{53}{162}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{162}^4\ \Phi_{81}^4\ \Phi_3\ \Phi_1^2$
12181	436	336	$\frac{3}{112}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
12182	436	144	$\frac{1}{36}$	$\frac{35}{144}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{144}^4\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
12183	436	225	$\frac{7}{225}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{225}^2\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
12184	436	135	$\frac{1}{27}$	$\frac{26}{135}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{135}^4\ \Phi_{45}^4\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
12185	436	114	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{114}^4\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_3\ \Phi_1^2$
12186	436	126	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{126}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
12187	436	117	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{117}^4\ \Phi_{39}^4\ \Phi_{13}^4\ \Phi_3\ \Phi_1^2$
12188	436	243	$\frac{2}{27}$	$\frac{25}{243}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{243}^2\ \Phi_{81}^2\ \Phi_3\ \Phi_1^2$
12189	436	120	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
12190	436	135	$\frac{1}{15}$	$\frac{26}{135}$	$\frac{31}{135}$	$\frac{14}{45}$	$\Phi_{135}^3\ \Phi_{45}^4\ \Phi_{27}^3\ \Phi_{15}^3\ \Phi_9^4\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
12191	436	660	$\frac{1}{11}$	$\frac{23}{132}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
12192	436	150	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{5}$	$\frac{41}{150}$	$\Phi_{150}^4\ \Phi_{75}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
12193	436	120	$\frac{11}{120}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
12194	436	140	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{31}{140}$	$\Phi_{140}^4\ \Phi_{70}^4\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
12195	437	864	$\frac{5}{432}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{427}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_8\ \Phi_1$
12196	437	528	$\frac{3}{88}$	$\frac{91}{528}$	$\frac{1}{4}$	$\frac{85}{176}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
12197	437	840	$\frac{17}{420}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{403}{840}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{56}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
12198	437	396	$\frac{1}{22}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{21}{44}$	$\Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
12199	437	924	$\frac{1}{22}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{84}\ \Phi_{44}\ \Phi_{28}\ \Phi_{21}\ \Phi_7\ \Phi_4\ \Phi_1$
12200	437	1188	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{21}{44}$	$\Phi_{1188}\ \Phi_{108}\ \Phi_{44}\ \Phi_{27}\ \Phi_4\ \Phi_1$
12201	437	44	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{44}^7\ \Phi_{22}^{13}\ \Phi_{11}^{13}\ \Phi_4^6\ \Phi_2^{12}\ \Phi_1^{13}$
12202	437	264	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{21}{44}$	$\Phi_{264}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
12203	437	396	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{17}{36}$	$\Phi_{396}^2\ \Phi_{132}^2\ \Phi_{44}^2\ \Phi_{36}^3\ \Phi_{33}\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
12204	437	480	$\frac{3}{40}$	$\frac{43}{480}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
12205	437	800	$\frac{3}{40}$	$\frac{37}{400}$	$\frac{1}{4}$	$\frac{363}{800}$	$\Phi_{800}\ \Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
12206	437	420	$\frac{1}{20}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
12207	437	792	$\frac{3}{44}$	$\frac{41}{396}$	$\frac{1}{4}$	$\frac{355}{792}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
12208	437	160	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{160}^4\ \Phi_{40}^4\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
12209	437	40	$\frac{1}{20}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{40}^{19}\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^{19}\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
12210	437	96	$\frac{1}{24}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{96}^8\ \Phi_{32}^7\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
12211	437	704	$\frac{3}{88}$	$\frac{85}{352}$	$\frac{1}{4}$	$\frac{267}{704}$	$\Phi_{704}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
12212	437	648	$\frac{5}{216}$	$\frac{1}{4}$	$\frac{211}{648}$	$\frac{3}{8}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_8\ \Phi_1$
12213	437	448	$\frac{11}{448}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
12214	437	576	$\frac{5}{144}$	$\frac{139}{576}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_1$
12215	437	24	$\frac{1}{24}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{24}^{18}\ \Phi_{12}^{18}\ \Phi_8^{19}\ \Phi_6^{18}\ \Phi_4^{18}\ \Phi_3^{18}\ \Phi_2^{18}\ \Phi_1^{19}$
12216	437	504	$\frac{5}{72}$	$\frac{67}{504}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
12217	437	480	$\frac{43}{480}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
12218	437	120	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
12219	437	180	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^4\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{30}^4\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
12220	437	231	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{231}^2\ \Phi_{77}^2\ \Phi_{33}\ \Phi_{21}^3\ \Phi_7^3\ \Phi_3\ \Phi_1$
12221	437	528	$\frac{3}{44}$	$\frac{91}{528}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{88}\ \Phi_{48}\ \Phi_{44}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
12222	437	297	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{10}{33}$	$\Phi_{297}^2\ \Phi_{33}\ \Phi_{27}^3\ \Phi_3\ \Phi_1$
12223	437	264	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{10}{33}$	$\Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
12224	437	480	$\frac{43}{480}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
12225	437	600	$\frac{3}{40}$	$\frac{37}{200}$	$\frac{1}{4}$	$\frac{163}{600}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
12226	437	560	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{123}{560}$	$\frac{1}{4}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
12227	438	720	$\frac{1}{72}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{71}{144}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}^2\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
12228	438	144	$\frac{1}{72}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{71}{144}$	$\Phi_{144}^6\ \Phi_{48}^6\ \Phi_{16}^6\ \Phi_{12}\ \Phi_6$
12229	438	1290	$\frac{4}{215}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{211}{430}$	$\Phi_{1290}\ \Phi_{258}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
12230	438	196	$\frac{1}{49}$	$\frac{1}{4}$	$\frac{25}{98}$	$\frac{24}{49}$	$\Phi_{196}^3\ \Phi_{98}\ \Phi_{49}^2\ \Phi_{28}^3\ \Phi_{14}\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
12231	438	264	$\frac{1}{44}$	$\frac{15}{88}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{264}^2\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{24}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
12232	438	420	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{67}{140}$	$\Phi_{420}^3\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^3\ \Phi_6$
12233	438	140	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{67}{140}$	$\Phi_{140}^2\ \Phi_{70}^4\ \Phi_{35}^4\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{14}^5\ \Phi_{10}^4\ \Phi_7^4\ \Phi_5^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
12234	438	138	$\frac{1}{23}$	$\frac{4}{69}$	$\frac{65}{138}$	$\frac{11}{23}$	$\Phi_{138}^6\ \Phi_{46}^6\ \Phi_{23}\ \Phi_6^6\ \Phi_2^6\ \Phi_1^2$
12235	438	92	$\frac{1}{23}$	$\frac{4}{23}$	$\frac{19}{92}$	$\frac{11}{23}$	$\Phi_{92}^6\ \Phi_{46}^6\ \Phi_{23}\ \Phi_4^6\ \Phi_2^6\ \Phi_1^2$
12236	438	84	$\frac{1}{21}$	$\frac{11}{84}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{84}^5\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{21}^6\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_7^6\ \Phi_6^5\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
12237	438	418	$\frac{10}{209}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{199}{418}$	$\Phi_{418}^2\ \Phi_{38}^2\ \Phi_{22}^2\ \Phi_{19}\ \Phi_2^2\ \Phi_1^2$
12238	438	1254	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{199}{418}$	$\Phi_{1254}\ \Phi_{114}\ \Phi_{66}\ \Phi_{33}\ \Phi_6$
12239	438	240	$\frac{1}{20}$	$\frac{7}{80}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{240}^3\ \Phi_{120}^2\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
12240	438	138	$\frac{4}{69}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{65}{138}$	$\Phi_{138}^6\ \Phi_{46}^6\ \Phi_{23}\ \Phi_6^6\ \Phi_2^6\ \Phi_1^2$
12241	438	1200	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{1}{3}$	$\frac{181}{400}$	$\Phi_{1200}\ \Phi_{240}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
12242	438	133	$\frac{1}{19}$	$\frac{13}{133}$	$\frac{6}{19}$	$\frac{60}{133}$	$\Phi_{133}^3\ \Phi_{19}^5\ \Phi_7^3\ \Phi_1^6$
12243	438	132	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{1}{3}$	$\frac{59}{132}$	$\Phi_{132}^6\ \Phi_{66}\ \Phi_{44}^6\ \Phi_{33}\ \Phi_{12}^6\ \Phi_6\ \Phi_4^6$
12244	438	304	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{85}{304}$	$\frac{67}{152}$	$\Phi_{304}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
12245	438	308	$\frac{4}{77}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{308}^2\ \Phi_{154}^2\ \Phi_{44}^2\ \Phi_{28}\ \Phi_{22}^2\ \Phi_{14}$
12246	438	380	$\frac{1}{19}$	$\frac{29}{190}$	$\frac{9}{38}$	$\frac{161}{380}$	$\Phi_{380}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
12247	438	252	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{1}{4}$	$\frac{53}{126}$	$\Phi_{252}^2\ \Phi_{84}^3\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^3\ \Phi_9^2\ \Phi_7^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
12248	438	368	$\frac{1}{23}$	$\frac{35}{184}$	$\frac{11}{46}$	$\frac{149}{368}$	$\Phi_{368}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_2^2\ \Phi_1^2$
12249	438	75	$\frac{2}{75}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{75}^6\ \Phi_{25}^6\ \Phi_{15}^5\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
12250	438	540	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{35}{108}$	$\frac{2}{5}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_5\ \Phi_1^2$
12251	438	380	$\frac{3}{76}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_5\ \Phi_1^2$
12252	438	480	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{23}{96}$	$\frac{2}{5}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}^2\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
12253	438	90	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{90}^5\ \Phi_{45}^5\ \Phi_{30}^5\ \Phi_{18}^4\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_9^4\ \Phi_6^4\ \Phi_5^6\ \Phi_3^4\ \Phi_2^4\ \Phi_1^6$
12254	438	390	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_5\ \Phi_1^2$
12255	438	420	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
12256	438	80	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{80}^6\ \Phi_{40}^5\ \Phi_{20}^5\ \Phi_{16}^6\ \Phi_{10}^5\ \Phi_8^4\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
12257	438	405	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{405}\ \Phi_{135}\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_5\ \Phi_1^2$
12258	438	92	$\frac{1}{23}$	$\frac{19}{92}$	$\frac{11}{46}$	$\frac{35}{92}$	$\Phi_{92}^4\ \Phi_{46}^6\ \Phi_{23}^5\ \Phi_4^4\ \Phi_2^6\ \Phi_1^6$
12259	438	1056	$\frac{1}{44}$	$\frac{43}{176}$	$\frac{1}{3}$	$\frac{133}{352}$	$\Phi_{1056}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
12260	438	672	$\frac{5}{224}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
12261	438	76	$\frac{3}{76}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{76}^6\ \Phi_{38}^6\ \Phi_{19}^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
12262	438	115	$\frac{1}{23}$	$\frac{22}{115}$	$\frac{31}{115}$	$\frac{42}{115}$	$\Phi_{115}^4\ \Phi_{23}^3\ \Phi_5^4\ \Phi_1^4$
12263	438	114	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{16}{57}$	$\frac{41}{114}$	$\Phi_{114}^6\ \Phi_{38}^6\ \Phi_{19}^5\ \Phi_6^6\ \Phi_2^6\ \Phi_1^6$
12264	438	330	$\frac{1}{55}$	$\frac{18}{55}$	$\frac{1}{3}$	$\frac{37}{110}$	$\Phi_{330}^3\ \Phi_{165}\ \Phi_{66}^3\ \Phi_{33}\ \Phi_{30}^3\ \Phi_{15}\ \Phi_6^3$
12265	438	300	$\frac{2}{75}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
12266	438	108	$\frac{1}{36}$	$\frac{1}{4}$	$\frac{35}{108}$	$\frac{1}{3}$	$\Phi_{108}^6\ \Phi_{54}^6\ \Phi_{27}^6\ \Phi_{12}\ \Phi_6$
12267	438	264	$\frac{1}{22}$	$\frac{15}{88}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{264}^3\ \Phi_{132}^3\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6$
12268	438	240	$\frac{7}{80}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{15}\ \Phi_{12}^3\ \Phi_6$
12269	438	300	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{27}{100}$	$\frac{1}{3}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
12270	438	228	$\frac{3}{76}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^3\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{12}\ \Phi_6$
12271	438	96	$\frac{1}{24}$	$\frac{23}{96}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{96}^6\ \Phi_{48}^6\ \Phi_{32}^6\ \Phi_{16}^6\ \Phi_{12}\ \Phi_6$
12272	438	612	$\frac{7}{153}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{34}\ \Phi_{12}\ \Phi_6$
12273	438	180	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^2\ \Phi_{60}^4\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
12274	438	156	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^4\ \Phi_{78}^2\ \Phi_{52}^4\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{12}\ \Phi_6$
12275	438	84	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{12}\ \Phi_7^6\ \Phi_6$
12276	438	240	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
12277	438	324	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{12}\ \Phi_6$
12278	438	840	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{280}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
12279	438	756	$\frac{1}{21}$	$\frac{43}{189}$	$\frac{1}{4}$	$\frac{20}{63}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{108}\ \Phi_{84}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
12280	438	420	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{32}{105}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_6^2$
12281	438	85	$\frac{2}{17}$	$\frac{12}{85}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{85}^5\ \Phi_{17}^6\ \Phi_5^4\ \Phi_1^6$
12282	438	84	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{84}^6\ \Phi_{42}^6\ \Phi_{28}^3\ \Phi_{21}^6\ \Phi_{14}^5\ \Phi_{12}^6\ \Phi_7^4\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^4\ \Phi_1^4$
12283	438	700	$\frac{1}{7}$	$\frac{29}{175}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{700}\ \Phi_{350}\ \Phi_{100}\ \Phi_{50}\ \Phi_{28}\ \Phi_{14}$
12284	438	92	$\frac{3}{23}$	$\frac{4}{23}$	$\frac{19}{92}$	$\frac{5}{23}$	$\Phi_{92}^6\ \Phi_{46}^6\ \Phi_{23}\ \Phi_4^6\ \Phi_2^6\ \Phi_1^2$
12285	439	588	$\frac{2}{147}$	$\frac{149}{588}$	$\frac{1}{3}$	$\frac{145}{294}$	$\Phi_{588}\ \Phi_{196}\ \Phi_{147}\ \Phi_{84}\ \Phi_{49}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
12286	439	864	$\frac{7}{432}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{425}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$
12287	439	864	$\frac{7}{432}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{425}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_9\ \Phi_1$
12288	439	504	$\frac{2}{63}$	$\frac{65}{504}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
12289	439	840	$\frac{19}{420}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{401}{840}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{56}\ \Phi_{40}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$
12290	439	462	$\frac{23}{462}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{77}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{21}\ \Phi_{11}\ \Phi_7\ \Phi_1$
12291	439	756	$\frac{2}{63}$	$\frac{61}{378}$	$\frac{1}{3}$	$\frac{317}{756}$	$\Phi_{756}\ \Phi_{252}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
12292	439	648	$\frac{7}{216}$	$\frac{1}{6}$	$\frac{209}{648}$	$\frac{5}{12}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{12}\ \Phi_4\ \Phi_1$
12293	439	456	$\frac{17}{456}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{12}\ \Phi_4\ \Phi_1$
12294	439	576	$\frac{7}{144}$	$\frac{1}{6}$	$\frac{137}{576}$	$\frac{5}{12}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$
12295	439	468	$\frac{29}{468}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
12296	439	540	$\frac{7}{108}$	$\frac{1}{6}$	$\frac{101}{540}$	$\frac{5}{12}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
12297	439	480	$\frac{41}{480}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
12298	439	504	$\frac{7}{72}$	$\frac{65}{504}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
12299	439	450	$\frac{11}{450}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
12300	439	567	$\frac{2}{63}$	$\frac{128}{567}$	$\frac{61}{189}$	$\frac{1}{3}$	$\Phi_{567}\ \Phi_{81}\ \Phi_{63}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$
12301	439	648	$\frac{7}{216}$	$\frac{2}{9}$	$\frac{209}{648}$	$\frac{1}{3}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_9\ \Phi_1$
12302	439	630	$\frac{19}{210}$	$\frac{2}{21}$	$\frac{191}{630}$	$\frac{1}{3}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_1$
12303	439	459	$\frac{20}{459}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{459}\ \Phi_{153}\ \Phi_{51}\ \Phi_{17}\ \Phi_9\ \Phi_1$
12304	439	576	$\frac{7}{144}$	$\frac{2}{9}$	$\frac{137}{576}$	$\frac{1}{3}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_9\ \Phi_1$
12305	439	504	$\frac{2}{21}$	$\frac{65}{504}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
12306	439	468	$\frac{29}{468}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_9\ \Phi_1$
12307	439	540	$\frac{7}{108}$	$\frac{101}{540}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
12308	439	486	$\frac{47}{486}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{486}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_9\ \Phi_1$
12309	439	504	$\frac{7}{72}$	$\frac{65}{504}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
12310	439	525	$\frac{2}{21}$	$\frac{86}{525}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{525}\ \Phi_{175}\ \Phi_{75}\ \Phi_{25}\ \Phi_{21}\ \Phi_7\ \Phi_1$
12311	440	327	$\frac{1}{109}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{54}{109}$	$\Phi_{327}\ \Phi_{109}^2\ \Phi_3^2\ \Phi_1^4$
12312	440	439	$\frac{5}{439}$	$\frac{111}{439}$	$\frac{164}{439}$	$\frac{217}{439}$	$\Phi_{439}\ \Phi_1^2$
12313	440	696	$\frac{1}{87}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{43}{87}$	$\Phi_{696}\ \Phi_{232}\ \Phi_{87}\ \Phi_{29}\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
12314	440	663	$\frac{3}{221}$	$\frac{56}{221}$	$\frac{1}{3}$	$\frac{109}{221}$	$\Phi_{663}\ \Phi_{51}\ \Phi_{39}$
12315	440	756	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{53}{108}$	$\Phi_{756}\ \Phi_{252}\ \Phi_{108}^2\ \Phi_{84}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
12316	440	540	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{53}{108}$	$\Phi_{540}^2\ \Phi_{180}^2\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}$
12317	440	387	$\frac{1}{43}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{21}{43}$	$\Phi_{387}\ \Phi_{129}\ \Phi_{43}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
12318	440	258	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{258}^2\ \Phi_{129}\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
12319	440	439	$\frac{11}{439}$	$\frac{45}{439}$	$\frac{197}{439}$	$\frac{214}{439}$	$\Phi_{439}\ \Phi_1^2$
12320	440	780	$\frac{1}{39}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{19}{39}$	$\Phi_{780}\ \Phi_{260}\ \Phi_{156}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
12321	440	195	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{19}{39}$	$\Phi_{195}^2\ \Phi_{65}^2\ \Phi_{39}^3\ \Phi_{15}^3\ \Phi_{13}^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
12322	440	370	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{19}{74}$	$\frac{18}{37}$	$\Phi_{370}^2\ \Phi_{185}\ \Phi_{10}^2$
12323	440	534	$\frac{3}{89}$	$\frac{1}{6}$	$\frac{23}{89}$	$\frac{43}{89}$	$\Phi_{534}\ \Phi_{267}\ \Phi_{178}$
12324	440	439	$\frac{17}{439}$	$\frac{65}{439}$	$\frac{114}{439}$	$\frac{211}{439}$	$\Phi_{439}\ \Phi_1^2$
12325	440	663	$\frac{9}{221}$	$\frac{23}{221}$	$\frac{1}{3}$	$\frac{106}{221}$	$\Phi_{663}\ \Phi_{51}\ \Phi_{39}$
12326	440	399	$\frac{1}{21}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{10}{21}$	$\Phi_{399}\ \Phi_{133}\ \Phi_{57}\ \Phi_{21}^2\ \Phi_{19}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
12327	440	231	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{231}^2\ \Phi_{77}^2\ \Phi_{33}^3\ \Phi_{11}^2$
12328	440	399	$\frac{1}{21}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{10}{21}$	$\Phi_{399}\ \Phi_{133}\ \Phi_{57}\ \Phi_{21}^2\ \Phi_{19}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
12329	440	210	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{210}^3\ \Phi_{105}^2\ \Phi_{70}^3\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
12330	440	439	$\frac{21}{439}$	$\frac{23}{439}$	$\frac{208}{439}$	$\frac{209}{439}$	$\Phi_{439}\ \Phi_1^2$
12331	440	228	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
12332	440	266	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{9}{19}$	$\Phi_{266}^2\ \Phi_{133}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
12333	440	312	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{49}{104}$	$\Phi_{312}^4\ \Phi_{39}\ \Phi_{24}^4$
12334	440	936	$\frac{3}{52}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
12335	440	357	$\frac{1}{17}$	$\frac{9}{119}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{357}^2\ \Phi_{51}\ \Phi_{21}^2$
12336	440	165	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{165}^3\ \Phi_{55}^3\ \Phi_{33}^3\ \Phi_{11}^2$
12337	440	439	$\frac{31}{439}$	$\frac{47}{439}$	$\frac{98}{439}$	$\frac{204}{439}$	$\Phi_{439}\ \Phi_1^2$
12338	440	492	$\frac{3}{41}$	$\frac{1}{12}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{492}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}$
12339	440	439	$\frac{33}{439}$	$\frac{59}{439}$	$\frac{76}{439}$	$\frac{203}{439}$	$\Phi_{439}\ \Phi_1^2$
12340	440	117	$\frac{7}{117}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{117}^4\ \Phi_{39}^3\ \Phi_{13}^4\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
12341	440	102	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{1}{3}$	$\frac{47}{102}$	$\Phi_{102}^8\ \Phi_{51}\ \Phi_{34}^8\ \Phi_6^8\ \Phi_2^8$
12342	440	534	$\frac{7}{89}$	$\frac{12}{89}$	$\frac{1}{6}$	$\frac{41}{89}$	$\Phi_{534}\ \Phi_{267}\ \Phi_{178}$
12343	440	185	$\frac{3}{37}$	$\frac{4}{37}$	$\frac{1}{5}$	$\frac{17}{37}$	$\Phi_{185}^3\ \Phi_5^2$
12344	440	439	$\frac{32}{439}$	$\frac{37}{439}$	$\frac{119}{439}$	$\frac{201}{439}$	$\Phi_{439}\ \Phi_1^2$
12345	440	663	$\frac{12}{221}$	$\frac{19}{221}$	$\frac{1}{3}$	$\frac{101}{221}$	$\Phi_{663}\ \Phi_{51}\ \Phi_{39}$
12346	440	439	$\frac{29}{439}$	$\frac{41}{439}$	$\frac{120}{439}$	$\frac{199}{439}$	$\Phi_{439}\ \Phi_1^2$
12347	440	663	$\frac{11}{221}$	$\frac{21}{221}$	$\frac{1}{3}$	$\frac{100}{221}$	$\Phi_{663}\ \Phi_{51}\ \Phi_{39}$
12348	440	420	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{420}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{60}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
12349	440	260	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{3}{13}$	$\frac{9}{20}$	$\Phi_{260}^3\ \Phi_{52}^3\ \Phi_{20}^4\ \Phi_{13}^3\ \Phi_4^4\ \Phi_1^4$
12350	440	220	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{220}^4\ \Phi_{55}\ \Phi_{44}^4$
12351	440	780	$\frac{1}{10}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{9}{20}$	$\Phi_{780}\ \Phi_{260}\ \Phi_{156}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
12352	440	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{180}^5\ \Phi_{60}^3\ \Phi_{36}^5\ \Phi_{20}^4\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
12353	440	207	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{207}^2\ \Phi_{69}^3\ \Phi_{23}^2$
12354	440	387	$\frac{3}{43}$	$\frac{1}{9}$	$\frac{10}{43}$	$\frac{4}{9}$	$\Phi_{387}\ \Phi_{129}\ \Phi_{43}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
12355	440	180	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^4\ \Phi_{45}^2\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
12356	440	297	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{297}^2\ \Phi_{99}\ \Phi_{33}$
12357	440	882	$\frac{1}{9}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{882}\ \Phi_{294}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_6$
12358	440	576	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
12359	440	399	$\frac{2}{57}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{399}\ \Phi_{133}\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_7\ \Phi_1^2$
12360	440	567	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{26}{81}$	$\frac{3}{7}$	$\Phi_{567}\ \Phi_{81}^2\ \Phi_7\ \Phi_1^2$
12361	440	161	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{161}^3\ \Phi_{23}^2$
12362	440	504	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{17}{72}$	$\frac{3}{7}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{56}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
12363	440	189	$\frac{2}{27}$	$\frac{1}{7}$	$\frac{5}{27}$	$\frac{3}{7}$	$\Phi_{189}^2\ \Phi_{63}^2\ \Phi_{27}^4\ \Phi_{21}^2\ \Phi_9^4\ \Phi_7^3\ \Phi_3^4\ \Phi_1^6$
12364	440	84	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{84}^5\ \Phi_{42}^4\ \Phi_{28}^5\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^{10}\ \Phi_7^5\ \Phi_6^8\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
12365	440	63	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{63}^7\ \Phi_{21}^7\ \Phi_9^6\ \Phi_7^8\ \Phi_3^6\ \Phi_1^8$
12366	440	288	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{288}^3\ \Phi_{96}^2\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
12367	440	439	$\frac{23}{439}$	$\frac{67}{439}$	$\frac{104}{439}$	$\frac{186}{439}$	$\Phi_{439}\ \Phi_1^2$
12368	440	492	$\frac{1}{12}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{492}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}$
12369	440	439	$\frac{34}{439}$	$\frac{65}{439}$	$\frac{81}{439}$	$\frac{179}{439}$	$\Phi_{439}\ \Phi_1^2$
12370	440	185	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{1}{5}$	$\frac{15}{37}$	$\Phi_{185}^3\ \Phi_5^2$
12371	440	439	$\frac{14}{439}$	$\frac{85}{439}$	$\frac{131}{439}$	$\frac{177}{439}$	$\Phi_{439}\ \Phi_1^2$
12372	440	663	$\frac{6}{221}$	$\frac{43}{221}$	$\frac{1}{3}$	$\frac{89}{221}$	$\Phi_{663}\ \Phi_{51}\ \Phi_{39}$
12373	440	275	$\frac{1}{11}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{275}^2\ \Phi_{55}$
12374	440	439	$\frac{24}{439}$	$\frac{83}{439}$	$\frac{89}{439}$	$\frac{175}{439}$	$\Phi_{439}\ \Phi_1^2$
12375	440	492	$\frac{1}{12}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{492}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}$
12376	440	738	$\frac{1}{41}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{738}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}$
12377	440	198	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{198}^4\ \Phi_{99}\ \Phi_{66}^4\ \Phi_{33}\ \Phi_{22}^4$
12378	440	439	$\frac{35}{439}$	$\frac{54}{439}$	$\frac{101}{439}$	$\frac{169}{439}$	$\Phi_{439}\ \Phi_1^2$
12379	440	534	$\frac{5}{89}$	$\frac{1}{6}$	$\frac{21}{89}$	$\frac{34}{89}$	$\Phi_{534}\ \Phi_{267}\ \Phi_{178}$
12380	440	360	$\frac{1}{45}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{360}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
12381	440	656	$\frac{1}{41}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{656}\ \Phi_{164}\ \Phi_{82}$
12382	440	232	$\frac{1}{29}$	$\frac{7}{29}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{232}^3\ \Phi_{29}^3\ \Phi_8^4\ \Phi_1^4$
12383	440	920	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{920}\ \Phi_{115}$
12384	440	696	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{696}\ \Phi_{232}\ \Phi_{87}\ \Phi_{29}\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
12385	440	72	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^{11}\ \Phi_{36}^3\ \Phi_{24}^7\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^8\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
12386	440	252	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{252}^3\ \Phi_{126}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
12387	440	168	$\frac{1}{56}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{56}^2\ \Phi_{42}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
12388	440	285	$\frac{2}{57}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{285}^2\ \Phi_{95}^2\ \Phi_{15}$
12389	440	327	$\frac{4}{109}$	$\frac{21}{109}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{327}\ \Phi_{109}^2\ \Phi_3^2\ \Phi_1^4$
12390	440	138	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{138}^4\ \Phi_{69}^3\ \Phi_{46}^4\ \Phi_{23}^2$
12391	440	327	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{327}\ \Phi_{109}^2\ \Phi_3^2\ \Phi_1^4$
12392	440	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{132}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{11}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
12393	440	405	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{405}^{2}\ \Phi_{15}$
12394	440	51	$\frac{1}{17}$	$\frac{7}{51}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{51}^{9}\ \Phi_{17}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
12395	440	693	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{693}\ \Phi_{99}\ \Phi_{33}$
12396	440	78	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{78}$	$\frac{1}{3}$	$\Phi_{78}^{4}\ \Phi_{39}^{5}\ \Phi_{26}^{8}\ \Phi_{13}^{8}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
12397	440	153	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{43}{153}$	$\frac{1}{3}$	$\Phi_{153}^{4}\ \Phi_{51}\ \Phi_{9}^{4}$
12398	440	105	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{105}^{4}\ \Phi_{35}^{4}\ \Phi_{21}^{6}\ \Phi_{15}^{3}\ \Phi_{7}^{6}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
12399	440	621	$\frac{1}{23}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{621}\ \Phi_{69}$
12400	440	360	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{60}^{2}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{15}$
12401	440	204	$\frac{1}{17}$	$\frac{13}{68}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{204}^{4}\ \Phi_{102}^{4}\ \Phi_{51}\ \Phi_{12}^{4}\ \Phi_{6}^{4}$
12402	440	258	$\frac{3}{43}$	$\frac{1}{6}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{258}^{2}\ \Phi_{129}\ \Phi_{86}^{2}\ \Phi_{43}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
12403	440	39	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{39}^{17}\ \Phi_{3}^{16}$
12404	440	585	$\frac{7}{117}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{65}\ \Phi_{15}$
12405	440	462	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{462}^{2}\ \Phi_{231}\ \Phi_{66}^{2}\ \Phi_{33}^{2}$
12406	440	228	$\frac{1}{12}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{228}^{2}\ \Phi_{114}^{2}\ \Phi_{76}^{2}\ \Phi_{57}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
12407	440	663	$\frac{16}{221}$	$\frac{41}{221}$	$\frac{45}{221}$	$\frac{1}{3}$	$\Phi_{663}\ \Phi_{51}\ \Phi_{39}$
12408	440	135	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{135}^{4}\ \Phi_{45}^{4}\ \Phi_{15}^{5}\ \Phi_{5}^{4}$
12409	440	60	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{60}^{10}\ \Phi_{30}^{8}\ \Phi_{20}^{10}\ \Phi_{15}^{9}\ \Phi_{10}^{8}\ \Phi_{5}^{8}$
12410	440	315	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{315}^{2}\ \Phi_{105}^{2}\ \Phi_{35}^{2}\ \Phi_{15}$
12411	440	51	$\frac{2}{17}$	$\frac{7}{51}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{51}^{8}\ \Phi_{17}^{10}\ \Phi_{3}^{7}\ \Phi_{1}^{10}$
12412	440	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{72}^{6}\ \Phi_{36}^{6}\ \Phi_{24}^{7}\ \Phi_{18}^{6}\ \Phi_{12}^{7}\ \Phi_{9}^{5}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
12413	440	126	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{126}^{5}\ \Phi_{63}^{3}\ \Phi_{42}^{5}\ \Phi_{21}^{3}\ \Phi_{18}^{5}\ \Phi_{9}^{2}\ \Phi_{6}^{5}\ \Phi_{3}^{2}$
12414	440	195	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{3}{13}$	$\frac{4}{15}$	$\Phi_{195}^{3}\ \Phi_{39}^{3}\ \Phi_{15}^{4}\ \Phi_{13}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
12415	440	165	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{165}^{4}\ \Phi_{55}\ \Phi_{33}^{4}$
12416	440	195	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{195}^{2}\ \Phi_{65}^{2}\ \Phi_{39}^{3}\ \Phi_{15}^{3}\ \Phi_{13}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
12417	440	90	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{90}^{6}\ \Phi_{45}^{4}\ \Phi_{30}^{4}\ \Phi_{18}^{9}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{4}$
12418	440	266	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{3}{14}$	$\Phi_{266}^{2}\ \Phi_{133}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{14}^{4}\ \Phi_{7}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
12419	440	210	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{210}^{3}\ \Phi_{105}^{3}\ \Phi_{70}\ \Phi_{35}^{2}\ \Phi_{30}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$
12420	441	704	$\frac{1}{88}$	$\frac{89}{352}$	$\frac{263}{704}$	$\frac{87}{176}$	$\Phi_{704}\ \Phi_{176}\ \Phi_{64}\ \Phi_{16}\ \Phi_{1}$
12421	441	372	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{61}{124}$	$\Phi_{186}^{2}\ \Phi_{124}\ \Phi_{93}^{2}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{12}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
12422	441	1116	$\frac{1}{62}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{61}{124}$	$\Phi_{1116}\ \Phi_{124}\ \Phi_{36}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
12423	441	592	$\frac{3}{148}$	$\frac{1}{4}$	$\frac{151}{592}$	$\frac{145}{296}$	$\Phi_{592}\ \Phi_{148}\ \Phi_{74}\ \Phi_{37}\ \Phi_{16}\ \Phi_{1}$
12424	441	96	$\frac{1}{48}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{47}{96}$	$\Phi_{96}^{9}\ \Phi_{32}^{9}\ \Phi_{16}\ \Phi_{1}$
12425	441	96	$\frac{1}{48}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{47}{96}$	$\Phi_{96}^{9}\ \Phi_{32}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
12426	441	800	$\frac{1}{40}$	$\frac{41}{400}$	$\frac{359}{800}$	$\frac{39}{80}$	$\Phi_{800}\ \Phi_{160}\ \Phi_{80}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
12427	441	40	$\frac{1}{20}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{19}{40}$	$\Phi_{40}^{2}\ \Phi_{20}^{20}\ \Phi_{10}^{20}\ \Phi_{8}^{2}\ \Phi_{5}^{20}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
12428	441	40	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{19}{40}$	$\Phi_{40}^{21}\ \Phi_{10}^{2}\ \Phi_{8}^{21}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
12429	441	40	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{40}^{9}\ \Phi_{20}^{12}\ \Phi_{10}^{12}\ \Phi_{8}^{12}\ \Phi_{5}^{12}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
12430	441	200	$\frac{1}{20}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{200}^{5}\ \Phi_{40}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
12431	441	200	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{53}{200}$	$\frac{47}{100}$	$\Phi_{200}^{3}\ \Phi_{50}^{3}\ \Phi_{40}^{3}\ \Phi_{25}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
12432	441	832	$\frac{25}{416}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{391}{832}$	$\Phi_{832}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
12433	441	90	$\frac{4}{45}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{90}^4\ \Phi_{45}^5\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}^5\ \Phi_{10}^8\ \Phi_9^5\ \Phi_6^4\ \Phi_5^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^9$
12434	441	55	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{55}^9\ \Phi_{11}^4\ \Phi_5^9\ \Phi_1^5$
12435	441	60	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{60}^9\ \Phi_{30}^9\ \Phi_{15}^9\ \Phi_{12}^9\ \Phi_{10}^8\ \Phi_6^9\ \Phi_5^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
12436	441	800	$\frac{1}{10}$	$\frac{41}{400}$	$\frac{9}{50}$	$\frac{359}{800}$	$\Phi_{800}\ \Phi_{160}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_1$
12437	441	512	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{71}{512}$	$\frac{57}{128}$	$\Phi_{512}\ \Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
12438	441	88	$\frac{1}{22}$	$\frac{5}{44}$	$\frac{7}{22}$	$\frac{39}{88}$	$\Phi_{88}^9\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^9\ \Phi_2^2\ \Phi_1^3$
12439	441	88	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{2}{11}$	$\frac{39}{88}$	$\Phi_{88}^9\ \Phi_{11}^4\ \Phi_8^9\ \Phi_1^5$
12440	441	816	$\frac{2}{51}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{816}\ \Phi_{272}\ \Phi_{51}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
12441	441	144	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{23}{72}$	$\frac{7}{16}$	$\Phi_{144}^8\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
12442	441	208	$\frac{3}{52}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{208}^4\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
12443	441	64	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{15}{64}$	$\frac{7}{16}$	$\Phi_{64}^9\ \Phi_{32}^9\ \Phi_{16}\ \Phi_1$
12444	441	160	$\frac{13}{160}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{160}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{16}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1$
12445	441	240	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{60}$	$\frac{7}{16}$	$\Phi_{240}^4\ \Phi_{80}^4\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
12446	441	432	$\frac{5}{54}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{432}^2\ \Phi_{144}^2\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
12447	441	16	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{16}^{49}\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
12448	441	88	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{25}{88}$	$\frac{19}{44}$	$\Phi_{88}^7\ \Phi_{22}^6\ \Phi_{11}^6\ \Phi_8^7\ \Phi_2^6\ \Phi_1^7$
12449	441	256	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{19}{128}$	$\frac{109}{256}$	$\Phi_{256}^3\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
12450	441	372	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{10}{31}$	$\frac{5}{12}$	$\Phi_{372}^2\ \Phi_{124}^2\ \Phi_{31}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
12451	441	132	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{132}^2\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{33}^4\ \Phi_{22}^5\ \Phi_{12}\ \Phi_{11}^5\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
12452	441	372	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{372}^2\ \Phi_{124}^2\ \Phi_{31}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
12453	441	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{120}^4\ \Phi_{60}^2\ \Phi_{40}^6\ \Phi_{30}^4\ \Phi_{24}^2\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}\ \Phi_{10}^5\ \Phi_8^3\ \Phi_6^2\ \Phi_5^5\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
12454	441	500	$\frac{1}{10}$	$\frac{59}{500}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{50}\ \Phi_{25}\ \Phi_1$
12455	441	145	$\frac{4}{145}$	$\frac{1}{5}$	$\frac{47}{145}$	$\frac{2}{5}$	$\Phi_{145}^3\ \Phi_{29}^3\ \Phi_5^4\ \Phi_1^5$
12456	441	80	$\frac{1}{40}$	$\frac{9}{40}$	$\frac{13}{40}$	$\frac{31}{80}$	$\Phi_{80}^9\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}^9\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
12457	441	80	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{80}^9\ \Phi_{16}^9\ \Phi_{10}^8\ \Phi_5^8\ \Phi_2^8\ \Phi_1^9$
12458	441	640	$\frac{1}{40}$	$\frac{39}{160}$	$\frac{199}{640}$	$\frac{121}{320}$	$\Phi_{640}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
12459	441	152	$\frac{5}{152}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{152}^3\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
12460	441	160	$\frac{13}{160}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{160}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
12461	441	55	$\frac{4}{55}$	$\frac{6}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{55}^8\ \Phi_{11}^8\ \Phi_5^8\ \Phi_1^9$
12462	441	32	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{32}^{21}\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
12463	441	176	$\frac{1}{22}$	$\frac{29}{176}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{176}^3\ \Phi_{88}^3\ \Phi_{22}^2\ \Phi_{16}^3\ \Phi_{11}^2\ \Phi_8^3\ \Phi_2^2\ \Phi_1^3$
12464	441	148	$\frac{1}{37}$	$\frac{1}{4}$	$\frac{12}{37}$	$\frac{25}{74}$	$\Phi_{148}^4\ \Phi_{74}\ \Phi_{37}^3\ \Phi_4^3\ \Phi_1^3$
12465	441	220	$\frac{1}{55}$	$\frac{18}{55}$	$\frac{73}{220}$	$\frac{37}{110}$	$\Phi_{220}^3\ \Phi_{55}^2\ \Phi_{44}^3\ \Phi_{20}^3\ \Phi_{11}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_1^3$
12466	441	279	$\frac{1}{31}$	$\frac{2}{9}$	$\frac{10}{31}$	$\frac{1}{3}$	$\Phi_{279}^2\ \Phi_{31}^2\ \Phi_9^3\ \Phi_1^3$
12467	441	204	$\frac{2}{51}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^3\ \Phi_{34}^2\ \Phi_{17}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
12468	441	396	$\frac{1}{22}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^2\ \Phi_{198}\ \Phi_{99}\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{22}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_1$
12469	441	279	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{279}^2\ \Phi_{31}^2\ \Phi_9^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
12470	441	360	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{36}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
12471	441	72	$\frac{1}{24}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{23}{72}$	$\Phi_{72}^{9}\ \Phi_{36}^{9}\ \Phi_{18}^{9}\ \Phi_{9}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
12472	441	66	$\frac{1}{22}$	$\frac{5}{22}$	$\frac{17}{66}$	$\frac{7}{22}$	$\Phi_{66}^{9}\ \Phi_{33}^{9}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{9}\ \Phi_{3}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
12473	441	143	$\frac{8}{143}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{45}{143}$	$\Phi_{143}^{3}\ \Phi_{13}^{3}\ \Phi_{11}^{4}\ \Phi_{1}^{5}$
12474	441	10	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{3}{10}$	$\Phi_{10}^{44}\ \Phi_{5}^{44}\ \Phi_{2}^{44}\ \Phi_{1}^{45}$
12475	441	40	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{40}^{12}\ \Phi_{20}^{8}\ \Phi_{10}^{10}\ \Phi_{8}^{15}\ \Phi_{5}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
12476	441	50	$\frac{1}{10}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{50}^{10}\ \Phi_{25}^{11}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
12477	441	64	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{64}^{7}\ \Phi_{32}^{7}\ \Phi_{16}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
12478	441	55	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{55}^{8}\ \Phi_{11}^{8}\ \Phi_{5}^{8}\ \Phi_{1}^{9}$
12479	441	148	$\frac{15}{148}$	$\frac{19}{148}$	$\frac{1}{4}$	$\frac{43}{148}$	$\Phi_{148}^{3}\ \Phi_{74}^{3}\ \Phi_{37}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
12480	441	60	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{60}^{9}\ \Phi_{30}^{4}\ \Phi_{20}^{9}\ \Phi_{15}^{5}\ \Phi_{12}^{9}\ \Phi_{10}^{8}\ \Phi_{6}^{4}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
12481	441	200	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{200}$	$\frac{53}{200}$	$\Phi_{200}^{2}\ \Phi_{100}^{2}\ \Phi_{50}^{3}\ \Phi_{40}^{2}\ \Phi_{25}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
12482	441	66	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{66}^{9}\ \Phi_{33}^{9}\ \Phi_{11}^{4}\ \Phi_{6}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{5}$
12483	441	52	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{52}^{9}\ \Phi_{26}^{9}\ \Phi_{13}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
12484	441	64	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{64}^{9}\ \Phi_{32}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
12485	441	160	$\frac{13}{160}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{160}^{3}\ \Phi_{80}^{3}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
12486	441	60	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{60}^{9}\ \Phi_{30}^{9}\ \Phi_{20}^{9}\ \Phi_{15}^{9}\ \Phi_{10}^{9}\ \Phi_{5}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
12487	441	108	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{108}^{4}\ \Phi_{54}^{5}\ \Phi_{36}^{4}\ \Phi_{27}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
12488	441	8	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{8}^{54}\ \Phi_{4}^{56}\ \Phi_{2}^{56}\ \Phi_{1}^{57}$
12489	441	80	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{80}^{7}\ \Phi_{40}^{3}\ \Phi_{20}^{4}\ \Phi_{16}^{7}\ \Phi_{10}^{4}\ \Phi_{8}^{6}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
12490	441	200	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{200}^{3}\ \Phi_{100}^{2}\ \Phi_{50}^{2}\ \Phi_{25}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
12491	441	25	$\frac{4}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{25}^{17}\ \Phi_{5}^{20}\ \Phi_{1}^{21}$
12492	442	438	$\frac{2}{219}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{217}{438}$	$\Phi_{438}^{2}\ \Phi_{146}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
12493	442	888	$\frac{1}{74}$	$\frac{75}{296}$	$\frac{1}{3}$	$\frac{73}{148}$	$\Phi_{888}\ \Phi_{222}\ \Phi_{111}\ \Phi_{24}\ \Phi_{6}$
12494	442	378	$\frac{1}{63}$	$\frac{32}{189}$	$\frac{157}{378}$	$\frac{31}{63}$	$\Phi_{378}^{2}\ \Phi_{126}^{2}\ \Phi_{63}\ \Phi_{54}^{2}\ \Phi_{42}^{2}\ \Phi_{21}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
12495	442	434	$\frac{4}{217}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{213}{434}$	$\Phi_{434}^{2}\ \Phi_{62}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
12496	442	392	$\frac{1}{49}$	$\frac{25}{196}$	$\frac{171}{392}$	$\frac{24}{49}$	$\Phi_{392}^{2}\ \Phi_{56}^{2}\ \Phi_{49}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
12497	442	294	$\frac{1}{49}$	$\frac{73}{294}$	$\frac{25}{98}$	$\frac{24}{49}$	$\Phi_{294}^{2}\ \Phi_{147}^{2}\ \Phi_{49}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
12498	442	432	$\frac{5}{216}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{211}{432}$	$\Phi_{432}^{2}\ \Phi_{144}^{2}\ \Phi_{48}^{2}\ \Phi_{16}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
12499	442	432	$\frac{5}{216}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{211}{432}$	$\Phi_{432}^{2}\ \Phi_{144}^{2}\ \Phi_{48}^{2}\ \Phi_{16}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
12500	442	264	$\frac{1}{33}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{16}{33}$	$\Phi_{264}^{3}\ \Phi_{88}^{3}\ \Phi_{33}\ \Phi_{24}^{4}\ \Phi_{11}\ \Phi_{8}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
12501	442	165	$\frac{1}{33}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{165}^{3}\ \Phi_{55}^{3}\ \Phi_{33}\ \Phi_{15}^{4}\ \Phi_{11}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
12502	442	198	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{16}{33}$	$\Phi_{198}^{3}\ \Phi_{99}^{3}\ \Phi_{33}\ \Phi_{18}^{4}\ \Phi_{11}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
12503	442	528	$\frac{1}{33}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{88}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
12504	442	800	$\frac{1}{25}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{12}{25}$	$\Phi_{800}\ \Phi_{160}\ \Phi_{32}^{2}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
12505	442	600	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{12}{25}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
12506	442	100	$\frac{1}{25}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{100}^{4}\ \Phi_{50}^{4}\ \Phi_{25}^{5}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
12507	442	420	$\frac{1}{21}$	$\frac{11}{210}$	$\frac{199}{420}$	$\frac{10}{21}$	$\Phi_{420}^{2}\ \Phi_{140}^{2}\ \Phi_{84}^{2}\ \Phi_{60}^{2}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
12508	442	315	$\frac{1}{21}$	$\frac{11}{105}$	$\frac{94}{315}$	$\frac{10}{21}$	$\Phi_{315}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
12509	442	252	$\frac{1}{21}$	$\frac{31}{252}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
12510	442	420	$\frac{11}{210}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{199}{420}$	$\Phi_{420}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
12511	442	672	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{672}^2\ \Phi_{96}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
12512	442	480	$\frac{1}{16}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{480}^2\ \Phi_{160}\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
12513	442	72	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{72}^{12}\ \Phi_{24}^{10}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
12514	442	264	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{11}{24}$	$\Phi_{264}^3\ \Phi_{88}^3\ \Phi_{24}^4\ \Phi_{22}^2\ \Phi_{11}\ \Phi_8^4\ \Phi_2^2\ \Phi_1^2$
12515	442	270	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{49}{270}$	$\frac{41}{90}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
12516	442	405	$\frac{37}{405}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{184}{405}$	$\Phi_{405}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}^2\ \Phi_{27}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
12517	442	324	$\frac{5}{108}$	$\frac{1}{9}$	$\frac{103}{324}$	$\frac{4}{9}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
12518	442	18	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{18}^{24}\ \Phi_9^{25}\ \Phi_6^{24}\ \Phi_3^{25}\ \Phi_2^{24}\ \Phi_1^{26}$
12519	442	288	$\frac{5}{72}$	$\frac{1}{9}$	$\frac{67}{288}$	$\frac{4}{9}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
12520	442	243	$\frac{22}{243}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{243}^2\ \Phi_{81}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
12521	442	270	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{49}{270}$	$\frac{4}{9}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
12522	442	252	$\frac{1}{9}$	$\frac{31}{252}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
12523	442	392	$\frac{3}{28}$	$\frac{25}{196}$	$\frac{1}{7}$	$\frac{171}{392}$	$\Phi_{392}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
12524	442	270	$\frac{1}{27}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{270}^3\ \Phi_{90}^3\ \Phi_{54}^3\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
12525	442	210	$\frac{1}{14}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^3\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
12526	442	42	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{42}^{14}\ \Phi_{21}^{12}\ \Phi_{14}^6\ \Phi_7^5\ \Phi_6^{14}\ \Phi_3^{12}\ \Phi_2^6\ \Phi_1^6$
12527	442	228	$\frac{7}{228}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
12528	442	216	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{216}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
12529	442	1110	$\frac{1}{37}$	$\frac{36}{185}$	$\frac{1}{3}$	$\frac{149}{370}$	$\Phi_{1110}\ \Phi_{222}\ \Phi_{111}\ \Phi_{30}\ \Phi_6$
12530	442	140	$\frac{1}{14}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{140}^4\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{28}^4\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
12531	442	28	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{28}^{26}\ \Phi_{14}^6\ \Phi_7^5\ \Phi_4^{26}\ \Phi_2^6\ \Phi_1^6$
12532	442	360	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{180}$	$\frac{139}{360}$	$\Phi_{360}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
12533	442	21	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{5}{21}$	$\frac{8}{21}$	$\Phi_{21}^{21}\ \Phi_7^{21}\ \Phi_3^{21}\ \Phi_1^{22}$
12534	442	336	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{53}{168}$	$\frac{115}{336}$	$\Phi_{336}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
12535	442	333	$\frac{2}{111}$	$\frac{109}{333}$	$\frac{1}{3}$	$\frac{112}{333}$	$\Phi_{333}\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
12536	442	90	$\frac{1}{18}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{90}^6\ \Phi_{45}^6\ \Phi_{30}^6\ \Phi_{18}^2\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_9^2\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
12537	442	324	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{103}{324}$	$\frac{1}{3}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
12538	442	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^4\ \Phi_{42}^3\ \Phi_{28}^4\ \Phi_{24}\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{12}\ \Phi_8^2\ \Phi_7^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
12539	442	18	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{18}^{24}\ \Phi_9^{24}\ \Phi_6^{26}\ \Phi_3^{25}\ \Phi_2^{26}\ \Phi_1^{26}$
12540	442	144	$\frac{1}{18}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{144}^4\ \Phi_{72}^4\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{16}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
12541	442	420	$\frac{1}{14}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
12542	442	288	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{288}$	$\frac{1}{3}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
12543	442	330	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{330}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{55}\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
12544	442	240	$\frac{19}{240}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
12545	442	270	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{270}$	$\frac{1}{3}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
12546	442	252	$\frac{31}{252}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
12547	442	49	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{15}{49}$	$\Phi_{49}^9\ \Phi_7^9\ \Phi_1^{10}$
12548	442	120	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^5\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
12549	442	198	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{22}$	$\frac{5}{18}$	$\Phi_{198}^3\ \Phi_{99}^3\ \Phi_{22}^2\ \Phi_{18}^4\ \Phi_{11}\ \Phi_9^4\ \Phi_2^2\ \Phi_1^2$
12550	442	270	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{49}{270}$	$\frac{37}{135}$	$\Phi_{270}^2\ \Phi_{135}\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
12551	442	630	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{126}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{35}\ \Phi_{18}\ \Phi_{10}$
12552	442	252	$\frac{31}{252}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
12553	442	176	$\frac{1}{11}$	$\frac{3}{16}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{176}^3\ \Phi_{88}^3\ \Phi_{22}^2\ \Phi_{16}^4\ \Phi_{11}\ \Phi_8^4\ \Phi_2^2\ \Phi_1^2$
12554	442	60	$\frac{2}{15}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{60}^8\ \Phi_{30}^8\ \Phi_{20}^5\ \Phi_{15}^{10}\ \Phi_{12}^8\ \Phi_{10}^5\ \Phi_6^8\ \Phi_5^6\ \Phi_4^4\ \Phi_3^{10}\ \Phi_2^4\ \Phi_1^6$
12555	442	280	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{59}{280}$	$\frac{3}{14}$	$\Phi_{280}^2\ \Phi_{140}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
12556	443	816	$\frac{1}{34}$	$\frac{35}{408}$	$\frac{373}{816}$	$\frac{33}{68}$	$\Phi_{816}\ \Phi_{272}\ \Phi_{68}\ \Phi_{48}\ \Phi_{16}\ \Phi_4\ \Phi_1$
12557	443	612	$\frac{1}{34}$	$\frac{35}{204}$	$\frac{169}{612}$	$\frac{33}{68}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{68}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
12558	443	544	$\frac{1}{34}$	$\frac{101}{544}$	$\frac{35}{136}$	$\frac{33}{68}$	$\Phi_{544}\ \Phi_{272}\ \Phi_{68}\ \Phi_{32}\ \Phi_{16}\ \Phi_4\ \Phi_1$
12559	443	832	$\frac{1}{26}$	$\frac{27}{416}$	$\frac{389}{832}$	$\frac{25}{52}$	$\Phi_{832}\ \Phi_{64}\ \Phi_{52}\ \Phi_4\ \Phi_1$
12560	443	624	$\frac{1}{26}$	$\frac{27}{208}$	$\frac{181}{624}$	$\frac{25}{52}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
12561	443	520	$\frac{1}{26}$	$\frac{77}{520}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
12562	443	816	$\frac{1}{17}$	$\frac{35}{408}$	$\frac{16}{51}$	$\frac{373}{816}$	$\Phi_{816}\ \Phi_{272}\ \Phi_{51}\ \Phi_{48}\ \Phi_{16}\ \Phi_3\ \Phi_1$
12563	443	612	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{169}{612}$	$\frac{137}{306}$	$\Phi_{612}\ \Phi_{204}\ \Phi_{153}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
12564	443	546	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{103}{546}$	$\frac{79}{182}$	$\Phi_{546}\ \Phi_{273}\ \Phi_{91}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{21}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
12565	443	780	$\frac{1}{26}$	$\frac{53}{390}$	$\frac{25}{78}$	$\frac{337}{780}$	$\Phi_{780}\ \Phi_{260}\ \Phi_{156}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{20}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
12566	443	780	$\frac{1}{13}$	$\frac{53}{390}$	$\frac{12}{65}$	$\frac{337}{780}$	$\Phi_{780}\ \Phi_{260}\ \Phi_{156}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{20}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
12567	443	624	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{181}{624}$	$\frac{131}{312}$	$\Phi_{624}\ \Phi_{208}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
12568	443	520	$\frac{1}{13}$	$\frac{77}{520}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{520}\ \Phi_{260}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
12569	443	728	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{79}{364}$	$\frac{285}{728}$	$\Phi_{728}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_8\ \Phi_7\ \Phi_1$
12570	443	510	$\frac{1}{17}$	$\frac{67}{510}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{85}\ \Phi_{51}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$
12571	443	612	$\frac{1}{17}$	$\frac{35}{204}$	$\frac{169}{612}$	$\frac{16}{51}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{51}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_3\ \Phi_1$
12572	443	585	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{142}{585}$	$\frac{53}{195}$	$\Phi_{585}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}\ \Phi_9\ \Phi_5\ \Phi_1$
12573	444	660	$\frac{1}{110}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{109}{220}$	$\Phi_{660}\ \Phi_{220}^2\ \Phi_{132}\ \Phi_{60}\ \Phi_{44}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
12574	444	365	$\frac{1}{73}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{36}{73}$	$\Phi_{365}\ \Phi_{73}^2\ \Phi_5^2\ \Phi_1^4$
12575	444	876	$\frac{1}{73}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{36}{73}$	$\Phi_{876}\ \Phi_{438}\ \Phi_{12}^2\ \Phi_6^2$
12576	444	443	$\frac{7}{443}$	$\frac{75}{443}$	$\frac{184}{443}$	$\frac{218}{443}$	$\Phi_{443}\ \Phi_1^2$
12577	444	596	$\frac{3}{149}$	$\frac{1}{4}$	$\frac{38}{149}$	$\frac{73}{149}$	$\Phi_{596}\ \Phi_{298}$
12578	444	443	$\frac{9}{443}$	$\frac{110}{443}$	$\frac{113}{443}$	$\frac{217}{443}$	$\Phi_{443}\ \Phi_1^2$
12579	444	669	$\frac{5}{223}$	$\frac{38}{223}$	$\frac{1}{3}$	$\frac{109}{223}$	Φ_{669}
12580	444	792	$\frac{1}{36}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{35}{72}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{88}\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
12581	444	504	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{504}^2\ \Phi_{168}^2\ \Phi_{56}^2\ \Phi_{21}$
12582	444	792	$\frac{1}{36}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{35}{72}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{88}\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
12583	444	360	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{360}^3\ \Phi_{120}^3\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
12584	444	350	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{350}^2\ \Phi_{175}\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{14}^2$
12585	444	70	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{70}^{12}\ \Phi_{35}\ \Phi_{14}^{12}\ \Phi_{10}^{12}\ \Phi_{2}^{12}$
12586	444	640	$\frac{1}{16}$	$\frac{17}{128}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
12587	444	315	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{315}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{35}\ \Phi_{21}$
12588	444	1040	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{97}{208}$	$\Phi_{1040}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
12589	444	429	$\frac{2}{39}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{429}\ \Phi_{143}\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_{11}\ \Phi_{1}^2$
12590	444	594	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{17}{54}$	$\frac{5}{11}$	$\Phi_{594}\ \Phi_{297}\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{11}\ \Phi_{1}^2$
12591	444	440	$\frac{3}{40}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{1}^2$
12592	444	528	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{48}$	$\frac{5}{11}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{88}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_{8}^2\ \Phi_{1}^2$
12593	444	495	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{5}{11}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{5}^2\ \Phi_{1}^2$
12594	444	462	$\frac{1}{11}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{77}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_{7}^2\ \Phi_{1}^2$
12595	444	980	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{5}$	$\frac{85}{196}$	$\Phi_{980}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
12596	444	320	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{1}{5}$	$\frac{27}{64}$	$\Phi_{320}^3\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
12597	444	570	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{570}\ \Phi_{285}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{30}\ \Phi_{6}^2$
12598	444	280	$\frac{3}{40}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{280}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{14}^2$
12599	444	494	$\frac{1}{38}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{494}\ \Phi_{247}\ \Phi_{26}$
12600	444	420	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{420}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}$
12601	444	280	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{9}{28}$	$\frac{19}{56}$	$\Phi_{280}^3\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}^3\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
12602	444	443	$\frac{8}{443}$	$\frac{145}{443}$	$\frac{147}{443}$	$\frac{149}{443}$	$\Phi_{443}\ \Phi_{1}^2$
12603	444	669	$\frac{4}{223}$	$\frac{73}{223}$	$\frac{1}{3}$	$\frac{75}{223}$	Φ_{669}
12604	444	165	$\frac{1}{55}$	$\frac{18}{55}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}^2\ \Phi_{55}^4\ \Phi_{33}^2\ \Phi_{15}^2\ \Phi_{11}^4\ \Phi_{5}^4\ \Phi_{3}^3\ \Phi_{1}^6$
12605	444	228	$\frac{1}{38}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{228}^2\ \Phi_{114}\ \Phi_{76}^4\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
12606	444	345	$\frac{4}{115}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{345}\ \Phi_{115}^2\ \Phi_{69}\ \Phi_{23}^2\ \Phi_{3}\ \Phi_{1}^2$
12607	444	132	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{132}^3\ \Phi_{66}^2\ \Phi_{44}^6\ \Phi_{33}^2\ \Phi_{22}^4\ \Phi_{12}^3\ \Phi_{11}^4\ \Phi_{6}^2\ \Phi_{4}^6\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
12608	444	273	$\frac{2}{39}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{273}^2\ \Phi_{91}^2\ \Phi_{21}$
12609	444	120	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{40}^6\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}^6\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_{8}^6\ \Phi_{6}^2\ \Phi_{5}^4\ \Phi_{4}^6\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
12610	444	363	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{363}\ \Phi_{121}^2\ \Phi_{3}\ \Phi_{1}^2$
12611	444	378	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{21}$
12612	444	429	$\frac{2}{39}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{429}\ \Phi_{143}\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_{11}\ \Phi_{1}^2$
12613	444	780	$\frac{2}{39}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{130}\ \Phi_{20}\ \Phi_{10}$
12614	444	840	$\frac{3}{40}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{21}$
12615	444	336	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{21}$
12616	444	567	$\frac{7}{81}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{567}\ \Phi_{189}\ \Phi_{21}$
12617	444	315	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{21}$
12618	444	42	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{42}^{10}\ \Phi_{21}^{11}\ \Phi_{14}^{10}\ \Phi_{7}^{10}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
12619	444	594	$\frac{1}{18}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{17}{54}$	$\Phi_{594}\ \Phi_{297}\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{11}\ \Phi_{1}^2$
12620	444	540	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{540}^2\ \Phi_{270}\ \Phi_{135}\ \Phi_{20}\ \Phi_{10}$
12621	444	240	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{11}{48}$	$\frac{5}{16}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}\ \Phi_{60}^3\ \Phi_{40}\ \Phi_{30}^3\ \Phi_{20}\ \Phi_{15}^3\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
12622	444	105	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{105}^6\ \Phi_{35}\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_3^6$
12623	444	210	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{35}\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^3$
12624	444	440	$\frac{3}{40}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_1^2$
12625	444	528	$\frac{1}{12}$	$\frac{2}{11}$	$\frac{11}{48}$	$\frac{3}{11}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{88}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
12626	444	495	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_5^2\ \Phi_1^2$
12627	444	462	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{77}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_1^2$
12628	444	40	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{40}^{12}\ \Phi_{20}^{10}\ \Phi_{10}^{10}\ \Phi_8^{12}\ \Phi_5^9\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
12629	444	240	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
12630	444	180	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{36}^4\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
12631	444	420	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^2\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
12632	444	140	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\frac{29}{140}$	$\Phi_{140}^4\ \Phi_{70}^4\ \Phi_{35}\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_4^4\ \Phi_2^4$
12633	445	176	$\frac{1}{88}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{87}{176}$	$\Phi_{176}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
12634	445	174	$\frac{2}{87}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{174}^2\ \Phi_{87}^3\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
12635	445	864	$\frac{13}{432}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{419}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
12636	445	864	$\frac{13}{432}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{419}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
12637	445	864	$\frac{13}{432}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{419}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
12638	445	120	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{120}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
12639	445	512	$\frac{3}{64}$	$\frac{67}{512}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{512}\ \Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
12640	445	510	$\frac{4}{85}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{81}{170}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{102}\ \Phi_{85}\ \Phi_{51}\ \Phi_{30}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
12641	445	108	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{108}^5\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
12642	445	168	$\frac{5}{84}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{79}{168}$	$\Phi_{168}^5\ \Phi_{56}^5\ \Phi_{28}\ \Phi_{24}^5\ \Phi_{14}\ \Phi_8^5\ \Phi_7\ \Phi_1$
12643	445	168	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{79}{168}$	$\Phi_{168}^5\ \Phi_{56}^5\ \Phi_{24}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
12644	445	832	$\frac{29}{416}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{387}{832}$	$\Phi_{832}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
12645	445	648	$\frac{13}{216}$	$\frac{1}{12}$	$\frac{203}{648}$	$\frac{11}{24}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{24}\ \Phi_8\ \Phi_1$
12646	445	96	$\frac{7}{96}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{96}^5\ \Phi_{48}^4\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_8^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
12647	445	576	$\frac{1}{12}$	$\frac{13}{144}$	$\frac{131}{576}$	$\frac{11}{24}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
12648	445	504	$\frac{1}{12}$	$\frac{59}{504}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
12649	445	162	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{73}{162}$	$\Phi_{162}^2\ \Phi_{81}^3\ \Phi_{54}^2\ \Phi_{27}^3\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
12650	445	300	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}\ \Phi_{75}^2\ \Phi_{50}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
12651	445	480	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{6}$	$\frac{71}{160}$	$\Phi_{480}^2\ \Phi_{160}\ \Phi_{96}^2\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
12652	445	784	$\frac{3}{56}$	$\frac{53}{392}$	$\frac{1}{4}$	$\frac{339}{784}$	$\Phi_{784}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
12653	445	768	$\frac{3}{64}$	$\frac{61}{384}$	$\frac{1}{4}$	$\frac{323}{768}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
12654	445	96	$\frac{7}{96}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{96}^5\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
12655	445	150	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{14}{75}$	$\frac{61}{150}$	$\Phi_{150}^2\ \Phi_{75}^3\ \Phi_{50}^2\ \Phi_{30}^5\ \Phi_{25}^3\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
12656	445	111	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{22}{111}$	$\frac{15}{37}$	$\Phi_{111}^5\ \Phi_{37}^2\ \Phi_3^5\ \Phi_1^3$
12657	445	148	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{15}{74}$	$\frac{59}{148}$	$\Phi_{148}^5\ \Phi_{37}^2\ \Phi_4^5\ \Phi_1^3$
12658	445	144	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{17}{72}$	$\frac{55}{144}$	$\Phi_{144}^5\ \Phi_{48}^5\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
12659	445	264	$\frac{1}{44}$	$\frac{1}{4}$	$\frac{43}{132}$	$\frac{3}{8}$	$\Phi_{264}^4\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}^4\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
12660	445	184	$\frac{3}{92}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{184}^4\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_8\ \Phi_1$
12661	445	440	$\frac{1}{22}$	$\frac{21}{110}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^2\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
12662	445	528	$\frac{5}{88}$	$\frac{83}{528}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
12663	445	96	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{96}^5\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
12664	445	792	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{99}\ \Phi_{72}\ \Phi_{33}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
12665	445	468	$\frac{23}{468}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_1$
12666	445	672	$\frac{3}{112}$	$\frac{1}{4}$	$\frac{109}{336}$	$\frac{227}{672}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{112}\ \Phi_{96}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
12667	445	576	$\frac{3}{64}$	$\frac{131}{576}$	$\frac{1}{4}$	$\frac{61}{192}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
12668	445	648	$\frac{13}{216}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{203}{648}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{18}\ \Phi_9\ \Phi_1$
12669	445	504	$\frac{3}{28}$	$\frac{59}{504}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
12670	445	108	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{108}^5\ \Phi_{54}^2\ \Phi_{36}^5\ \Phi_{27}^3\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
12671	445	126	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{37}{126}$	$\Phi_{126}^5\ \Phi_{63}^5\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
12672	445	486	$\frac{41}{486}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{486}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{18}\ \Phi_9\ \Phi_1$
12673	445	576	$\frac{13}{144}$	$\frac{1}{6}$	$\frac{131}{576}$	$\frac{5}{18}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
12674	445	504	$\frac{59}{504}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
12675	445	108	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{19}{108}$	$\frac{5}{18}$	$\Phi_{108}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{18}^5\ \Phi_{12}^4\ \Phi_9^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
12676	445	96	$\frac{7}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{96}^5\ \Phi_{48}^4\ \Phi_{32}^5\ \Phi_{24}^4\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_8^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
12677	445	120	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{40}^4\ \Phi_{30}^5\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{15}^5\ \Phi_{12}^3\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_5^5\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
12678	445	576	$\frac{13}{144}$	$\frac{3}{16}$	$\frac{131}{576}$	$\frac{1}{4}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
12679	445	112	$\frac{3}{28}$	$\frac{5}{28}$	$\frac{23}{112}$	$\frac{1}{4}$	$\Phi_{112}^5\ \Phi_{56}^5\ \Phi_{28}\ \Phi_{16}^5\ \Phi_{14}\ \Phi_8^5\ \Phi_7\ \Phi_1$
12680	446	356	$\frac{1}{89}$	$\frac{45}{178}$	$\frac{133}{356}$	$\frac{44}{89}$	$\Phi_{356}^2\ \Phi_{89}\ \Phi_4^2\ \Phi_1^2$
12681	446	440	$\frac{3}{220}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{217}{440}$	$\Phi_{440}^2\ \Phi_{88}^2\ \Phi_{40}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
12682	446	1320	$\frac{3}{220}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{217}{440}$	$\Phi_{1320}\ \Phi_{264}\ \Phi_{120}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
12683	446	435	$\frac{11}{435}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{212}{435}$	$\Phi_{435}\ \Phi_{145}\ \Phi_{87}\ \Phi_{29}\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
12684	446	300	$\frac{2}{75}$	$\frac{1}{5}$	$\frac{77}{300}$	$\frac{73}{150}$	$\Phi_{300}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
12685	446	1302	$\frac{6}{217}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{211}{434}$	$\Phi_{1302}\ \Phi_{186}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
12686	446	768	$\frac{1}{32}$	$\frac{33}{256}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
12687	446	432	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{209}{432}$	$\Phi_{432}^2\ \Phi_{144}^2\ \Phi_{48}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
12688	446	270	$\frac{2}{45}$	$\frac{47}{270}$	$\frac{1}{5}$	$\frac{43}{90}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
12689	446	425	$\frac{21}{425}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{202}{425}$	$\Phi_{425}\ \Phi_{85}\ \Phi_{25}^2\ \Phi_{17}\ \Phi_5\ \Phi_1^2$
12690	446	420	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{197}{420}$	$\Phi_{420}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
12691	446	420	$\frac{13}{210}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{197}{420}$	$\Phi_{420}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
12692	446	1248	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{1}{3}$	$\frac{193}{416}$	$\Phi_{1248}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
12693	446	250	$\frac{2}{25}$	$\frac{27}{250}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{250}^2\ \Phi_{125}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
12694	446	405	$\frac{4}{45}$	$\frac{41}{405}$	$\frac{1}{5}$	$\frac{182}{405}$	$\Phi_{405}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}^2\ \Phi_{27}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
12695	446	400	$\frac{2}{25}$	$\frac{23}{200}$	$\frac{1}{5}$	$\frac{177}{400}$	$\Phi_{400}^2\ \Phi_{80}^2\ \Phi_{25}^2\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
12696	446	240	$\frac{17}{240}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
12697	446	1176	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{1}{3}$	$\frac{169}{392}$	$\Phi_{1176}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
12698	446	384	$\frac{1}{32}$	$\frac{31}{192}$	$\frac{1}{3}$	$\frac{161}{384}$	$\Phi_{384}^2\ \Phi_{128}^2\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
12699	446	375	$\frac{4}{75}$	$\frac{71}{375}$	$\frac{1}{5}$	$\frac{152}{375}$	$\Phi_{375}\ \Phi_{125}\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
12700	446	330	$\frac{3}{110}$	$\frac{1}{5}$	$\frac{107}{330}$	$\frac{2}{5}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
12701	446	230	$\frac{7}{230}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{230}^2\ \Phi_{115}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_5\ \Phi_1^2$
12702	446	275	$\frac{3}{55}$	$\frac{52}{275}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{275}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
12703	446	240	$\frac{17}{240}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
12704	446	360	$\frac{2}{45}$	$\frac{1}{5}$	$\frac{43}{180}$	$\frac{137}{360}$	$\Phi_{360}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
12705	446	336	$\frac{1}{56}$	$\frac{55}{168}$	$\frac{1}{3}$	$\frac{113}{336}$	$\Phi_{336}^2\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
12706	446	288	$\frac{1}{32}$	$\frac{65}{288}$	$\frac{31}{96}$	$\frac{1}{3}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}\ \Phi_{72}^2\ \Phi_{48}\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
12707	446	252	$\frac{1}{14}$	$\frac{29}{252}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6\ \Phi_4^2$
12708	446	240	$\frac{17}{240}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
12709	446	264	$\frac{3}{44}$	$\frac{41}{264}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{264}^2\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
12710	446	240	$\frac{17}{240}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
12711	446	288	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{288}$	$\frac{1}{3}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
12712	446	840	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{57}{280}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
12713	446	270	$\frac{4}{45}$	$\frac{47}{270}$	$\frac{1}{5}$	$\frac{41}{135}$	$\Phi_{270}^2\ \Phi_{135}\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
12714	446	315	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{92}{315}$	$\Phi_{315}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
12715	446	300	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{100}$	$\frac{77}{300}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
12716	447	588	$\frac{2}{147}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{145}{294}$	$\Phi_{588}\ \Phi_{196}\ \Phi_{147}\ \Phi_{84}\ \Phi_{49}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
12717	447	200	$\frac{1}{50}$	$\frac{1}{4}$	$\frac{51}{200}$	$\frac{49}{100}$	$\Phi_{200}^3\ \Phi_{100}^2\ \Phi_{50}\ \Phi_{40}^3\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
12718	447	580	$\frac{4}{145}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{141}{290}$	$\Phi_{580}\ \Phi_{145}\ \Phi_{116}\ \Phi_{29}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
12719	447	180	$\frac{1}{30}$	$\frac{31}{180}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
12720	447	288	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{139}{288}$	$\Phi_{288}^3\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
12721	447	280	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{131}{280}$	$\Phi_{280}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
12722	447	160	$\frac{11}{160}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{160}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
12723	447	540	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{4}$	$\frac{121}{270}$	$\Phi_{540}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
12724	447	156	$\frac{7}{156}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{156}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
12725	447	500	$\frac{1}{25}$	$\frac{24}{125}$	$\frac{1}{4}$	$\frac{101}{250}$	$\Phi_{500}\ \Phi_{125}\ \Phi_{100}^2\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
12726	447	240	$\frac{1}{30}$	$\frac{29}{120}$	$\frac{1}{4}$	$\frac{91}{240}$	$\Phi_{240}^3\ \Phi_{80}^3\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
12727	447	223	$\frac{4}{223}$	$\frac{73}{223}$	$\frac{74}{223}$	$\frac{75}{223}$	$\Phi_{223}^2\ \Phi_1^3$
12728	447	168	$\frac{2}{21}$	$\frac{19}{168}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^3\ \Phi_{84}^2\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
12729	447	180	$\frac{1}{15}$	$\frac{31}{180}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
12730	447	216	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{67}{216}$	$\Phi_{216}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
12731	447	420	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{4}$	$\frac{61}{210}$	$\Phi_{420}^2\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
12732	447	324	$\frac{13}{162}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{324}^2\ \Phi_{162}\ \Phi_{108}^2\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
12733	447	192	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{192}$	$\frac{1}{4}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
12734	447	168	$\frac{19}{168}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_7^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
12735	447	180	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{180}$	$\frac{1}{4}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
12736	448	111	$\frac{1}{111}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{55}{111}$	$\Phi_{111}^4\ \Phi_{37}^4\ \Phi_3^5\ \Phi_1^6$
12737	448	447	$\frac{5}{447}$	$\frac{113}{447}$	$\frac{167}{447}$	$\frac{221}{447}$	$\Phi_{447}\ \Phi_{149}\ \Phi_3\ \Phi_1^2$
12738	448	75	$\frac{1}{75}$	$\frac{19}{75}$	$\frac{1}{3}$	$\frac{37}{75}$	$\Phi_{75}^6\ \Phi_{25}^6\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
12739	448	252	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{31}{63}$	$\Phi_{252}^3\ \Phi_{84}^3\ \Phi_{63}\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{21}\ \Phi_{12}^4\ \Phi_9\ \Phi_7\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
12740	448	63	$\frac{1}{63}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{31}{63}$	$\Phi_{63}^7\ \Phi_{21}^7\ \Phi_9^8\ \Phi_7^7\ \Phi_3^7\ \Phi_1^8$
12741	448	385	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{27}{55}$	$\Phi_{385}\ \Phi_{77}\ \Phi_{55}^2\ \Phi_{35}\ \Phi_{11}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
12742	448	165	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{27}{55}$	$\Phi_{165}^4\ \Phi_{33}^4\ \Phi_{15}^5\ \Phi_3^4$
12743	448	149	$\frac{3}{149}$	$\frac{19}{149}$	$\frac{65}{149}$	$\frac{73}{149}$	$\Phi_{149}^3\ \Phi_1^4$
12744	448	149	$\frac{3}{149}$	$\frac{37}{149}$	$\frac{38}{149}$	$\frac{73}{149}$	$\Phi_{149}^3\ \Phi_1^4$
12745	448	135	$\frac{1}{45}$	$\frac{23}{135}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{135}^4\ \Phi_{45}^2\ \Phi_{27}^4\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
12746	448	565	$\frac{3}{113}$	$\frac{1}{5}$	$\frac{29}{113}$	$\frac{55}{113}$	Φ_{565}
12747	448	447	$\frac{13}{447}$	$\frac{83}{447}$	$\frac{115}{447}$	$\frac{217}{447}$	$\Phi_{447}\ \Phi_{149}\ \Phi_3\ \Phi_1^2$
12748	448	435	$\frac{13}{435}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{211}{435}$	$\Phi_{435}\ \Phi_{145}\ \Phi_{87}\ \Phi_{29}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
12749	448	225	$\frac{7}{225}$	$\frac{29}{225}$	$\frac{1}{3}$	$\frac{109}{225}$	$\Phi_{225}^2\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
12750	448	403	$\frac{1}{31}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{15}{31}$	$\Phi_{403}\ \Phi_{31}^2\ \Phi_{13}^2\ \Phi_1^4$
12751	448	744	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
12752	448	149	$\frac{5}{149}$	$\frac{11}{149}$	$\frac{69}{149}$	$\frac{72}{149}$	$\Phi_{149}^3\ \Phi_1^4$
12753	448	135	$\frac{1}{27}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{13}{27}$	$\Phi_{135}^3\ \Phi_{45}^3\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
12754	448	27	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{27}^{16}\ \Phi_9^{18}\ \Phi_3^{17}\ \Phi_1^{18}$
12755	448	135	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{13}{27}$	$\Phi_{135}^3\ \Phi_{45}^3\ \Phi_{27}^4\ \Phi_{15}^3\ \Phi_9^4\ \Phi_5^6\ \Phi_3^4\ \Phi_1^8$
12756	448	447	$\frac{17}{447}$	$\frac{29}{447}$	$\frac{209}{447}$	$\frac{215}{447}$	$\Phi_{447}\ \Phi_{149}\ \Phi_3\ \Phi_1^2$
12757	448	375	$\frac{1}{25}$	$\frac{13}{125}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{375}^2\ \Phi_{75}\ \Phi_{15}$
12758	448	520	$\frac{3}{65}$	$\frac{1}{8}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{104}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
12759	448	171	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{171}^3\ \Phi_{57}^3\ \Phi_9^2\ \Phi_3^2$
12760	448	447	$\frac{25}{447}$	$\frac{47}{447}$	$\frac{118}{447}$	$\frac{211}{447}$	$\Phi_{447}\ \Phi_{149}\ \Phi_3\ \Phi_1^2$
12761	448	447	$\frac{25}{447}$	$\frac{59}{447}$	$\frac{97}{447}$	$\frac{211}{447}$	$\Phi_{447}\ \Phi_{149}\ \Phi_3\ \Phi_1^2$
12762	448	225	$\frac{13}{225}$	$\frac{17}{225}$	$\frac{1}{3}$	$\frac{106}{225}$	$\Phi_{225}^2\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
12763	448	565	$\frac{7}{113}$	$\frac{15}{113}$	$\frac{1}{5}$	$\frac{53}{113}$	Φ_{565}
12764	448	447	$\frac{29}{447}$	$\frac{41}{447}$	$\frac{119}{447}$	$\frac{209}{447}$	$\Phi_{447}\ \Phi_{149}\ \Phi_3\ \Phi_1^2$
12765	448	15	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{15}^{30}\ \Phi_5^{30}\ \Phi_3^{29}\ \Phi_1^{30}$
12766	448	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{15}$	$\Phi_{45}^9\ \Phi_{15}^{10}\ \Phi_9^{12}\ \Phi_5^{10}\ \Phi_3^{13}\ \Phi_1^{14}$
12767	448	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{40}^5\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
12768	448	663	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{663}\ \Phi_{51}^2$
12769	448	403	$\frac{1}{13}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{6}{13}$	$\Phi_{403}\ \Phi_{31}^2\ \Phi_{13}^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
12770	448	585	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{45}^2\ \Phi_{15}^2$
12771	448	312	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{26}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
12772	448	165	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{165}^3\ \Phi_{55}^3\ \Phi_{33}^3\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2$
12773	448	447	$\frac{35}{447}$	$\frac{43}{447}$	$\frac{103}{447}$	$\frac{202}{447}$	$\Phi_{447}\ \Phi_{149}\ \Phi_3\ \Phi_1^2$
12774	448	493	$\frac{1}{17}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	Φ_{493}
12775	448	405	$\frac{2}{45}$	$\frac{43}{405}$	$\frac{1}{3}$	$\frac{181}{405}$	$\Phi_{405}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}^2\ \Phi_{27}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
12776	448	520	$\frac{7}{65}$	$\frac{1}{8}$	$\frac{9}{65}$	$\frac{29}{65}$	$\Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{104}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
12777	448	447	$\frac{31}{447}$	$\frac{49}{447}$	$\frac{104}{447}$	$\frac{199}{447}$	$\Phi_{447}\ \Phi_{149}\ \Phi_3\ \Phi_1^2$
12778	448	447	$\frac{49}{447}$	$\frac{55}{447}$	$\frac{62}{447}$	$\frac{199}{447}$	$\Phi_{447}\ \Phi_{149}\ \Phi_3\ \Phi_1^2$
12779	448	117	$\frac{5}{117}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{117}^4\ \Phi_{39}^4\ \Phi_{13}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
12780	448	565	$\frac{9}{113}$	$\frac{13}{113}$	$\frac{1}{5}$	$\frac{50}{113}$	Φ_{565}
12781	448	447	$\frac{23}{447}$	$\frac{53}{447}$	$\frac{125}{447}$	$\frac{197}{447}$	$\Phi_{447}\ \Phi_{149}\ \Phi_3\ \Phi_1^2$
12782	448	75	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{1}{3}$	$\frac{11}{25}$	$\Phi_{75}^9\ \Phi_{15}^9\ \Phi_3^8$
12783	448	171	$\frac{1}{9}$	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{25}{57}$	$\Phi_{171}^3\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
12784	448	149	$\frac{16}{149}$	$\frac{19}{149}$	$\frac{21}{149}$	$\frac{65}{149}$	$\Phi_{149}^3\ \Phi_1^4$
12785	448	565	$\frac{8}{113}$	$\frac{15}{113}$	$\frac{1}{5}$	$\frac{49}{113}$	Φ_{565}
12786	448	447	$\frac{20}{447}$	$\frac{61}{447}$	$\frac{127}{447}$	$\frac{193}{447}$	$\Phi_{447}\ \Phi_{149}\ \Phi_3\ \Phi_1^2$
12787	448	225	$\frac{8}{225}$	$\frac{31}{225}$	$\frac{1}{3}$	$\frac{97}{225}$	$\Phi_{225}^2\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
12788	448	609	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{609}\ \Phi_{87}^2$
12789	448	385	$\frac{3}{55}$	$\frac{1}{7}$	$\frac{13}{55}$	$\frac{3}{7}$	$\Phi_{385}\ \Phi_{77}\ \Phi_{55}^2\ \Phi_{35}\ \Phi_{11}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
12790	448	105	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{105}^4\ \Phi_{35}^3\ \Phi_{21}^4\ \Phi_{15}^8\ \Phi_7^4\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
12791	448	231	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{33}$	$\frac{3}{7}$	$\Phi_{231}^2\ \Phi_{77}\ \Phi_{33}^4\ \Phi_{21}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_3^4\ \Phi_1^4$
12792	448	385	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{385}\ \Phi_{77}\ \Phi_{55}^2\ \Phi_{35}\ \Phi_{11}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
12793	448	504	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
12794	448	132	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{132}^6\ \Phi_{44}^6\ \Phi_{33}^2\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
12795	448	84	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{5}{21}$	$\frac{5}{12}$	$\Phi_{84}^9\ \Phi_{28}^9\ \Phi_{21}^3\ \Phi_{12}^{10}\ \Phi_7^3\ \Phi_4^{10}\ \Phi_3^3\ \Phi_1^4$
12796	448	1020	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1020}\ \Phi_{340}\ \Phi_{85}$
12797	448	420	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}^2\ \Phi_{140}^2\ \Phi_{84}\ \Phi_{60}^2\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
12798	448	36	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{36}^{21}\ \Phi_{12}^{22}\ \Phi_9^7\ \Phi_4^{22}\ \Phi_3^7\ \Phi_1^8$
12799	448	493	$\frac{1}{29}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	Φ_{493}
12800	448	447	$\frac{19}{447}$	$\frac{85}{447}$	$\frac{107}{447}$	$\frac{181}{447}$	$\Phi_{447}\ \Phi_{149}\ \Phi_3\ \Phi_1^2$
12801	448	375	$\frac{2}{75}$	$\frac{73}{375}$	$\frac{1}{3}$	$\frac{151}{375}$	$\Phi_{375}\ \Phi_{125}\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
12802	448	345	$\frac{3}{115}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{345}^2\ \Phi_{69}^2\ \Phi_{15}$
12803	448	330	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{330}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}\ \Phi_6^2$
12804	448	280	$\frac{3}{35}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{280}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{14}^2\ \Phi_{10}$
12805	448	165	$\frac{1}{15}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{165}^3\ \Phi_{55}^3\ \Phi_{33}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
12806	448	447	$\frac{34}{447}$	$\frac{59}{447}$	$\frac{97}{447}$	$\frac{175}{447}$	$\Phi_{447}\ \Phi_{149}\ \Phi_3\ \Phi_1^2$
12807	448	149	$\frac{13}{149}$	$\frac{17}{149}$	$\frac{33}{149}$	$\frac{58}{149}$	$\Phi_{149}^3\ \Phi_1^4$
12808	448	171	$\frac{5}{57}$	$\frac{1}{9}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{171}^3\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
12809	448	104	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{104}^5\ \Phi_{52}^5\ \Phi_{26}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4$
12810	448	149	$\frac{9}{149}$	$\frac{23}{149}$	$\frac{35}{149}$	$\frac{57}{149}$	$\Phi_{149}^3\ \Phi_1^4$
12811	448	565	$\frac{5}{113}$	$\frac{1}{5}$	$\frac{27}{113}$	$\frac{43}{113}$	Φ_{565}
12812	448	447	$\frac{11}{447}$	$\frac{109}{447}$	$\frac{139}{447}$	$\frac{169}{447}$	$\Phi_{447}\ \Phi_{149}\ \Phi_3\ \Phi_1^2$
12813	448	45	$\frac{1}{45}$	$\frac{11}{45}$	$\frac{1}{3}$	$\frac{17}{45}$	$\Phi_{45}^{10}\ \Phi_{15}^{10}\ \Phi_9^{10}\ \Phi_5^{10}\ \Phi_3^9\ \Phi_1^{10}$
12814	448	57	$\frac{1}{57}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{57}^8\ \Phi_{19}^8\ \Phi_3^5\ \Phi_1^6$
12815	448	333	$\frac{2}{111}$	$\frac{109}{333}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{333}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
12816	448	111	$\frac{1}{37}$	$\frac{9}{37}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{111}^3\ \Phi_{37}^6\ \Phi_3^4\ \Phi_1^8$
12817	448	99	$\frac{1}{33}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{99}^6\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
12818	448	435	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{435}\ \Phi_{145}^2$
12819	448	111	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{111}^3\ \Phi_{37}^6\ \Phi_3^4\ \Phi_1^8$
12820	448	408	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{408}\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{34}^2$
12821	448	111	$\frac{7}{111}$	$\frac{13}{111}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{111}^4\ \Phi_{37}^4\ \Phi_3^5\ \Phi_1^6$
12822	448	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{45}^{12}\ \Phi_{15}^8\ \Phi_9^8\ \Phi_5^8\ \Phi_3^5\ \Phi_1^6$
12823	448	165	$\frac{2}{55}$	$\frac{1}{5}$	$\frac{53}{165}$	$\frac{1}{3}$	$\Phi_{165}^2\ \Phi_{55}^4\ \Phi_{33}^2\ \Phi_{15}^3\ \Phi_{11}^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
12824	448	135	$\frac{2}{45}$	$\frac{23}{135}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{135}^3\ \Phi_{45}^4\ \Phi_{27}^3\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
12825	448	81	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{81}^8\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
12826	448	243	$\frac{19}{243}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{243}^2\ \Phi_{81}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
12827	448	45	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{45}^{14}\ \Phi_{15}^2\ \Phi_9^{14}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
12828	448	75	$\frac{1}{25}$	$\frac{6}{25}$	$\frac{19}{75}$	$\frac{1}{3}$	$\Phi_{75}^5\ \Phi_{25}^8\ \Phi_{15}^5\ \Phi_5^8\ \Phi_3^4\ \Phi_1^8$
12829	448	63	$\frac{1}{21}$	$\frac{2}{9}$	$\frac{5}{21}$	$\frac{1}{3}$	$\Phi_{63}^9\ \Phi_{21}^3\ \Phi_9^{10}\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
12830	448	165	$\frac{3}{55}$	$\frac{1}{5}$	$\frac{13}{55}$	$\frac{1}{3}$	$\Phi_{165}^4\ \Phi_{33}^4\ \Phi_{15}^5\ \Phi_3^4$
12831	448	225	$\frac{13}{225}$	$\frac{43}{225}$	$\frac{53}{225}$	$\frac{1}{3}$	$\Phi_{225}^2\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
12832	448	744	$\frac{3}{31}$	$\frac{1}{8}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
12833	448	765	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{765}\ \Phi_{85}$
12834	448	315	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_9^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
12835	448	9	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_9^{50}\ \Phi_3^{49}\ \Phi_1^{50}$
12836	448	225	$\frac{22}{225}$	$\frac{29}{225}$	$\frac{49}{225}$	$\frac{1}{3}$	$\Phi_{225}^2\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
12837	448	15	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{15}^{29}\ \Phi_5^{32}\ \Phi_3^{28}\ \Phi_1^{32}$
12838	448	825	$\frac{4}{55}$	$\frac{51}{275}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{825}\ \Phi_{75}\ \Phi_{15}$
12839	448	165	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{165}^3\ \Phi_{55}^4\ \Phi_{15}^4\ \Phi_5^4$
12840	448	165	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{165}^4\ \Phi_{33}^4\ \Phi_{15}^5\ \Phi_3^4$
12841	448	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
12842	448	135	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{135}$	$\frac{1}{3}$	$\Phi_{135}^4\ \Phi_{45}^4\ \Phi_{15}^4\ \Phi_9^2\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
12843	448	360	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{10}$
12844	448	600	$\frac{1}{8}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
12845	448	171	$\frac{1}{9}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{171}^3\ \Phi_{57}^3\ \Phi_9^2\ \Phi_3^2$
12846	448	45	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{45}^9\ \Phi_{15}^9\ \Phi_9^{12}\ \Phi_5^{12}\ \Phi_3^{12}\ \Phi_1^{16}$
12847	448	149	$\frac{17}{149}$	$\frac{29}{149}$	$\frac{30}{149}$	$\frac{33}{149}$	$\Phi_{149}^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
12848	448	565	$\frac{13}{113}$	$\frac{22}{113}$	$\frac{1}{5}$	$\frac{25}{113}$	Φ_{565}
12849	448	40	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{40}^{13}\ \Phi_{20}^{13}\ \Phi_{10}^{13}\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}$
12850	449	768	$\frac{1}{64}$	$\frac{65}{384}$	$\frac{319}{768}$	$\frac{63}{128}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{128}\ \Phi_1$
12851	449	864	$\frac{17}{432}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{415}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
12852	449	608	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{159}{608}$	$\frac{145}{304}$	$\Phi_{608}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_1$
12853	449	546	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{97}{546}$	$\frac{85}{182}$	$\Phi_{546}\ \Phi_{273}\ \Phi_{91}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{21}\ \Phi_{13}\ \Phi_6\ \Phi_3\ \Phi_1$
12854	449	840	$\frac{29}{420}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{391}{840}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
12855	449	840	$\frac{29}{420}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{391}{840}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_8\ \Phi_5\ \Phi_1$
12856	449	616	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{167}{616}$	$\frac{141}{308}$	$\Phi_{616}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
12857	449	768	$\frac{1}{32}$	$\frac{65}{384}$	$\frac{31}{96}$	$\frac{319}{768}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
12858	449	490	$\frac{41}{490}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{490}\ \Phi_{245}\ \Phi_{98}\ \Phi_{49}\ \Phi_{35}\ \Phi_5\ \Phi_1$
12859	449	640	$\frac{1}{32}$	$\frac{31}{160}$	$\frac{191}{640}$	$\frac{129}{320}$	$\Phi_{640}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
12860	449	728	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{85}{364}$	$\frac{279}{728}$	$\Phi_{728}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{13}\ \Phi_8\ \Phi_1$
12861	449	480	$\frac{31}{480}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
12862	449	504	$\frac{1}{14}$	$\frac{55}{504}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
12863	449	576	$\frac{1}{32}$	$\frac{127}{576}$	$\frac{31}{96}$	$\frac{65}{192}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
12864	449	672	$\frac{1}{56}$	$\frac{55}{168}$	$\frac{223}{672}$	$\frac{113}{336}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
12865	449	630	$\frac{1}{14}$	$\frac{29}{210}$	$\frac{181}{630}$	$\frac{13}{42}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
12866	449	648	$\frac{17}{216}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{199}{648}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
12867	449	504	$\frac{55}{504}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
12868	449	576	$\frac{17}{144}$	$\frac{1}{8}$	$\frac{127}{576}$	$\frac{7}{24}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
12869	449	630	$\frac{29}{210}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{181}{630}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{18}\ \Phi_9\ \Phi_5\ \Phi_1$
12870	449	525	$\frac{1}{7}$	$\frac{76}{525}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{525}\ \Phi_{175}\ \Phi_{75}\ \Phi_{35}\ \Phi_{25}\ \Phi_5\ \Phi_1$
12871	449	560	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{111}{560}$	$\frac{29}{140}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{16}\ \Phi_8\ \Phi_5\ \Phi_1$
12872	450	712	$\frac{1}{89}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{44}{89}$	$\Phi_{712}\ \Phi_{89}\ \Phi_8^2\ \Phi_1^2$
12873	450	740	$\frac{1}{74}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{73}{148}$	$\Phi_{740}\ \Phi_{148}^2\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
12874	450	444	$\frac{1}{74}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{73}{148}$	$\Phi_{444}\ \Phi_{222}^2\ \Phi_{111}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
12875	450	784	$\frac{1}{49}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{24}{49}$	$\Phi_{784}\ \Phi_{112}\ \Phi_{49}\ \Phi_{16}^2\ \Phi_7\ \Phi_1^2$
12876	450	196	$\frac{1}{49}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{24}{49}$	$\Phi_{196}^2\ \Phi_{98}^2\ \Phi_{49}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
12877	450	792	$\frac{1}{44}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{43}{88}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{88}^2\ \Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
12878	450	264	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{264}^3\ \Phi_{88}^4\ \Phi_{24}^3\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
12879	450	449	$\frac{13}{449}$	$\frac{77}{449}$	$\frac{124}{449}$	$\frac{218}{449}$	$\Phi_{449}\ \Phi_1^2$
12880	450	604	$\frac{5}{151}$	$\frac{26}{151}$	$\frac{1}{4}$	$\frac{73}{151}$	$\Phi_{604}\ \Phi_{302}$
12881	450	812	$\frac{1}{29}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{14}{29}$	$\Phi_{812}\ \Phi_{116}\ \Phi_{29}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
12882	450	203	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{14}{29}$	$\Phi_{203}^2\ \Phi_{29}^3\ \Phi_7^4\ \Phi_1^6$
12883	450	348	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{348}^2\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{29}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
12884	450	816	$\frac{1}{24}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{23}{48}$	$\Phi_{816}\ \Phi_{272}\ \Phi_{48}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
12885	450	240	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{240}^4\ \Phi_{80}^4\ \Phi_{48}^2\ \Phi_{30}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_6$
12886	450	816	$\frac{1}{24}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{23}{48}$	$\Phi_{816}\ \Phi_{272}\ \Phi_{48}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_1^2$
12887	450	336	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{336}^3\ \Phi_{112}^3\ \Phi_{28}\ \Phi_{14}$
12888	450	449	$\frac{21}{449}$	$\frac{47}{449}$	$\frac{134}{449}$	$\frac{214}{449}$	$\Phi_{449}\ \Phi_1^2$
12889	450	546	$\frac{5}{91}$	$\frac{1}{6}$	$\frac{16}{91}$	$\frac{43}{91}$	$\Phi_{546}\ \Phi_{273}\ \Phi_{182}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{26}\ \Phi_{21}\ \Phi_{14}$
12890	450	449	$\frac{25}{449}$	$\frac{74}{449}$	$\frac{79}{449}$	$\frac{212}{449}$	$\Phi_{449}\ \Phi_1^2$
12891	450	459	$\frac{1}{17}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{459}\ \Phi_{153}\ \Phi_{27}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_1^2$
12892	450	612	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{8}{17}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_1^2$
12893	450	170	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{170}^3\ \Phi_{85}^3\ \Phi_{34}\ \Phi_{17}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
12894	450	476	$\frac{1}{17}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{476}\ \Phi_{238}\ \Phi_{119}\ \Phi_{28}^2\ \Phi_{17}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
12895	450	544	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{8}{17}$	$\Phi_{544}\ \Phi_{272}\ \Phi_{32}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_1^2$
12896	450	102	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{102}^4\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{17}^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
12897	450	604	$\frac{9}{151}$	$\frac{16}{151}$	$\frac{1}{4}$	$\frac{71}{151}$	$\Phi_{604}\ \Phi_{302}$
12898	450	336	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{84}\ \Phi_{48}^3\ \Phi_{42}^2\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
12899	450	812	$\frac{2}{29}$	$\frac{1}{14}$	$\frac{9}{29}$	$\frac{13}{28}$	$\Phi_{812}\ \Phi_{116}\ \Phi_{29}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
12900	450	308	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{308}\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{44}^2\ \Phi_{22}^3\ \Phi_{11}^2$
12901	450	812	$\frac{1}{14}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{13}{28}$	$\Phi_{812}\ \Phi_{116}\ \Phi_{29}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
12902	450	84	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{84}^{12}\ \Phi_{42}\ \Phi_{28}^6\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^{12}\ \Phi_4^6$
12903	450	156	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{156}^4\ \Phi_{78}^3\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{26}\ \Phi_{13}^2\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
12904	450	449	$\frac{41}{449}$	$\frac{49}{449}$	$\frac{80}{449}$	$\frac{204}{449}$	$\Phi_{449}\ \Phi_1^2$
12905	450	546	$\frac{9}{91}$	$\frac{10}{91}$	$\frac{1}{6}$	$\frac{41}{91}$	$\Phi_{546}\ \Phi_{273}\ \Phi_{182}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{26}\ \Phi_{21}\ \Phi_{14}$
12906	450	198	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{7}{22}$	$\frac{4}{9}$	$\Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^4\ \Phi_{18}^2\ \Phi_{11}^4\ \Phi_9^3\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
12907	450	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{144}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^2\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{16}^6\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
12908	450	99	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{4}{9}$	$\Phi_{99}^4\ \Phi_{33}^4\ \Phi_{11}^8\ \Phi_9^5\ \Phi_3^5\ \Phi_1^{10}$
12909	450	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{90}^5\ \Phi_{45}^5\ \Phi_{30}^7\ \Phi_{18}^2\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_9^3\ \Phi_6^3\ \Phi_5^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
12910	450	624	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{624}^2\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_6$
12911	450	784	$\frac{4}{49}$	$\frac{1}{8}$	$\frac{9}{49}$	$\frac{7}{16}$	$\Phi_{784}\ \Phi_{112}\ \Phi_{49}\ \Phi_{16}^2\ \Phi_7\ \Phi_1^2$
12912	450	528	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{528}^2\ \Phi_{176}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
12913	450	112	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{112}^7\ \Phi_{28}^2\ \Phi_{16}^8\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
12914	450	449	$\frac{17}{449}$	$\frac{61}{449}$	$\frac{144}{449}$	$\frac{194}{449}$	$\Phi_{449}\ \Phi_1^2$
12915	450	294	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{294}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
12916	450	78	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{6}$	$\frac{11}{26}$	$\Phi_{78}^7\ \Phi_{39}^7\ \Phi_{26}\ \Phi_{13}^6\ \Phi_6^6\ \Phi_3^6\ \Phi_1^6$
12917	450	496	$\frac{1}{16}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}$
12918	450	449	$\frac{29}{449}$	$\frac{73}{449}$	$\frac{84}{449}$	$\frac{188}{449}$	$\Phi_{449}\ \Phi_1^2$
12919	450	170	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{170}^3\ \Phi_{85}^3\ \Phi_{34}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2$
12920	450	449	$\frac{44}{449}$	$\frac{53}{449}$	$\frac{81}{449}$	$\frac{184}{449}$	$\Phi_{449}\ \Phi_1^2$
12921	450	546	$\frac{6}{91}$	$\frac{1}{6}$	$\frac{17}{91}$	$\frac{37}{91}$	$\Phi_{546}\ \Phi_{273}\ \Phi_{182}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{26}\ \Phi_{21}\ \Phi_{14}$
12922	450	449	$\frac{24}{449}$	$\frac{85}{449}$	$\frac{89}{449}$	$\frac{182}{449}$	$\Phi_{449}\ \Phi_1^2$
12923	450	604	$\frac{6}{151}$	$\frac{29}{151}$	$\frac{1}{4}$	$\frac{61}{151}$	$\Phi_{604}\ \Phi_{302}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
12924	450	185	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{12}{37}$	$\frac{2}{5}$	$\Phi_{185}^2\ \Phi_{37}^4\ \Phi_5^3\ \Phi_1^6$
12925	450	260	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{260}^2\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}^4\ \Phi_{26}^2\ \Phi_{20}\ \Phi_{13}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
12926	450	185	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{185}^2\ \Phi_{37}^4\ \Phi_5^3\ \Phi_1^6$
12927	450	240	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}\ \Phi_{60}^2\ \Phi_{48}^4\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
12928	450	449	$\frac{11}{449}$	$\frac{101}{449}$	$\frac{146}{449}$	$\frac{174}{449}$	$\Phi_{449}\ \Phi_1^2$
12929	450	552	$\frac{1}{46}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{552}^2\ \Phi_{138}\ \Phi_{69}\ \Phi_{24}\ \Phi_6$
12930	450	712	$\frac{2}{89}$	$\frac{1}{4}$	$\frac{29}{89}$	$\frac{3}{8}$	$\Phi_{712}\ \Phi_{89}\ \Phi_8^2\ \Phi_1^2$
12931	450	248	$\frac{1}{31}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{248}^3\ \Phi_{124}\ \Phi_{62}$
12932	450	712	$\frac{4}{89}$	$\frac{17}{89}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{712}\ \Phi_{89}\ \Phi_8^2\ \Phi_1^2$
12933	450	456	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{456}^2\ \Phi_{152}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
12934	450	712	$\frac{5}{89}$	$\frac{14}{89}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{712}\ \Phi_{89}\ \Phi_8^2\ \Phi_1^2$
12935	450	112	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{112}^5\ \Phi_{56}^4\ \Phi_{28}^5\ \Phi_{14}^5\ \Phi_7^4$
12936	450	712	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{712}\ \Phi_{89}\ \Phi_8^2\ \Phi_1^2$
12937	450	440	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^2\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{22}$
12938	450	494	$\frac{1}{26}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{494}\ \Phi_{247}\ \Phi_{38}$
12939	450	449	$\frac{19}{449}$	$\frac{86}{449}$	$\frac{121}{449}$	$\frac{164}{449}$	$\Phi_{449}\ \Phi_1^2$
12940	450	496	$\frac{1}{16}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}$
12941	450	449	$\frac{26}{449}$	$\frac{59}{449}$	$\frac{141}{449}$	$\frac{154}{449}$	$\Phi_{449}\ \Phi_1^2$
12942	450	266	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{266}^3\ \Phi_{133}\ \Phi_{14}^3$
12943	450	546	$\frac{4}{91}$	$\frac{1}{6}$	$\frac{29}{91}$	$\frac{31}{91}$	$\Phi_{546}\ \Phi_{273}\ \Phi_{182}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{26}\ \Phi_{21}\ \Phi_{14}$
12944	450	449	$\frac{14}{449}$	$\frac{99}{449}$	$\frac{145}{449}$	$\frac{152}{449}$	$\Phi_{449}\ \Phi_1^2$
12945	450	604	$\frac{4}{151}$	$\frac{1}{4}$	$\frac{49}{151}$	$\frac{51}{151}$	$\Phi_{604}\ \Phi_{302}$
12946	450	270	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_6$
12947	450	444	$\frac{1}{37}$	$\frac{1}{4}$	$\frac{12}{37}$	$\frac{1}{3}$	$\Phi_{444}^2\ \Phi_{222}^2\ \Phi_{12}^3\ \Phi_6^3$
12948	450	678	$\frac{7}{226}$	$\frac{51}{226}$	$\frac{73}{226}$	$\frac{1}{3}$	$\Phi_{678}\ \Phi_{339}\ \Phi_6$
12949	450	66	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{66}^6\ \Phi_{33}^6\ \Phi_{22}^8\ \Phi_{11}^8\ \Phi_6^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
12950	450	678	$\frac{13}{226}$	$\frac{31}{226}$	$\frac{71}{226}$	$\frac{1}{3}$	$\Phi_{678}\ \Phi_{339}\ \Phi_6$
12951	450	180	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{45}^4\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_6$
12952	450	459	$\frac{2}{27}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{459}\ \Phi_{153}\ \Phi_{27}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_1^2$
12953	450	336	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{48}^3\ \Phi_{42}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3$
12954	450	678	$\frac{11}{226}$	$\frac{43}{226}$	$\frac{61}{226}$	$\frac{1}{3}$	$\Phi_{678}\ \Phi_{339}\ \Phi_6$
12955	450	156	$\frac{1}{26}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^4\ \Phi_{78}^5\ \Phi_{39}^5\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
12956	450	444	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{444}^2\ \Phi_{222}^2\ \Phi_{12}^3\ \Phi_6^3$
12957	450	48	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{48}^9\ \Phi_{24}^9\ \Phi_{16}^{12}\ \Phi_{12}^6\ \Phi_8^{12}\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
12958	450	756	$\frac{2}{27}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{126}\ \Phi_{28}\ \Phi_{14}$
12959	450	420	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
12960	450	480	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{96}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
12961	450	66	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{66}^8\ \Phi_{33}^4\ \Phi_{22}^8\ \Phi_{11}^8\ \Phi_6^{10}\ \Phi_3^5\ \Phi_2^{10}\ \Phi_1^{10}$
12962	450	678	$\frac{21}{226}$	$\frac{37}{226}$	$\frac{41}{226}$	$\frac{1}{3}$	$\Phi_{678}\ \Phi_{339}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
12963	450	30	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{30}^{17}\ \Phi_{15}^{17}\ \Phi_{10}^{16}\ \Phi_{6}^{9}\ \Phi_{5}^{16}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
12964	450	203	$\frac{2}{29}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{9}{29}$	$\Phi_{203}^{2}\ \Phi_{29}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
12965	450	348	$\frac{2}{29}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{348}^{2}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{29}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
12966	450	449	$\frac{32}{449}$	$\frac{62}{449}$	$\frac{129}{449}$	$\frac{139}{449}$	$\Phi_{449}\ \Phi_{1}^{2}$
12967	450	78	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{78}^{7}\ \Phi_{39}^{7}\ \Phi_{26}^{7}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}$
12968	450	612	$\frac{1}{12}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{11}{36}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{17}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
12969	450	252	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{252}^{3}\ \Phi_{126}^{3}\ \Phi_{63}^{3}\ \Phi_{28}\ \Phi_{14}$
12970	450	449	$\frac{38}{449}$	$\frac{69}{449}$	$\frac{104}{449}$	$\frac{137}{449}$	$\Phi_{449}\ \Phi_{1}^{2}$
12971	450	604	$\frac{13}{151}$	$\frac{21}{151}$	$\frac{1}{4}$	$\frac{46}{151}$	$\Phi_{604}\ \Phi_{302}$
12972	450	476	$\frac{3}{28}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{476}\ \Phi_{238}\ \Phi_{119}\ \Phi_{28}^{2}\ \Phi_{17}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
12973	450	544	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{5}{17}$	$\Phi_{544}\ \Phi_{272}\ \Phi_{32}^{2}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
12974	450	102	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{102}^{4}\ \Phi_{51}^{4}\ \Phi_{34}^{4}\ \Phi_{17}^{5}\ \Phi_{6}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
12975	450	449	$\frac{62}{449}$	$\frac{64}{449}$	$\frac{77}{449}$	$\frac{129}{449}$	$\Phi_{449}\ \Phi_{1}^{2}$
12976	450	308	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{308}^{2}\ \Phi_{154}^{2}\ \Phi_{44}^{3}\ \Phi_{22}^{3}$
12977	450	203	$\frac{4}{29}$	$\frac{1}{7}$	$\frac{5}{29}$	$\frac{2}{7}$	$\Phi_{203}^{2}\ \Phi_{29}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
12978	450	42	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{42}^{13}\ \Phi_{21}^{13}\ \Phi_{14}^{13}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}$
12979	450	506	$\frac{1}{11}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{506}\ \Phi_{253}\ \Phi_{22}$
12980	450	449	$\frac{54}{449}$	$\frac{74}{449}$	$\frac{79}{449}$	$\frac{125}{449}$	$\Phi_{449}\ \Phi_{1}^{2}$
12981	450	532	$\frac{1}{7}$	$\frac{11}{76}$	$\frac{13}{76}$	$\frac{21}{76}$	$\Phi_{532}\ \Phi_{266}\ \Phi_{133}\ \Phi_{28}\ \Phi_{14}$
12982	450	449	$\frac{64}{449}$	$\frac{65}{449}$	$\frac{77}{449}$	$\frac{124}{449}$	$\Phi_{449}\ \Phi_{1}^{2}$
12983	450	546	$\frac{11}{91}$	$\frac{1}{6}$	$\frac{16}{91}$	$\frac{25}{91}$	$\Phi_{546}\ \Phi_{273}\ \Phi_{182}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{26}\ \Phi_{21}\ \Phi_{14}$
12984	450	449	$\frac{34}{449}$	$\frac{83}{449}$	$\frac{109}{449}$	$\frac{122}{449}$	$\Phi_{449}\ \Phi_{1}^{2}$
12985	450	604	$\frac{11}{151}$	$\frac{28}{151}$	$\frac{1}{4}$	$\frac{41}{151}$	$\Phi_{604}\ \Phi_{302}$
12986	450	196	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{196}^{2}\ \Phi_{98}^{2}\ \Phi_{49}^{3}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
12987	450	132	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{132}^{4}\ \Phi_{66}^{5}\ \Phi_{44}^{2}\ \Phi_{33}^{5}\ \Phi_{22}^{3}\ \Phi_{11}^{2}$
12988	450	28	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{28}^{16}\ \Phi_{14}^{16}\ \Phi_{7}^{15}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
12989	450	224	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{224}^{3}\ \Phi_{112}^{3}\ \Phi_{28}\ \Phi_{14}$
12990	450	348	$\frac{4}{29}$	$\frac{1}{6}$	$\frac{5}{29}$	$\frac{1}{4}$	$\Phi_{348}^{2}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{29}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
12991	450	604	$\frac{21}{151}$	$\frac{25}{151}$	$\frac{26}{151}$	$\frac{1}{4}$	$\Phi_{604}\ \Phi_{302}$
12992	450	84	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{84}^{8}\ \Phi_{42}^{4}\ \Phi_{28}^{9}\ \Phi_{21}^{4}\ \Phi_{14}^{5}\ \Phi_{7}^{4}$
12993	450	168	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{168}^{4}\ \Phi_{84}^{4}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{24}^{4}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{4}^{2}$
12994	451	720	$\frac{1}{90}$	$\frac{91}{360}$	$\frac{269}{720}$	$\frac{89}{180}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{36}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
12995	451	888	$\frac{7}{444}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{437}{888}$	$\Phi_{888}\ \Phi_{296}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
12996	451	800	$\frac{1}{50}$	$\frac{51}{400}$	$\frac{349}{800}$	$\frac{49}{100}$	$\Phi_{800}\ \Phi_{160}\ \Phi_{100}\ \Phi_{32}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
12997	451	600	$\frac{1}{50}$	$\frac{149}{600}$	$\frac{51}{200}$	$\frac{49}{100}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
12998	451	80	$\frac{1}{40}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{39}{80}$	$\Phi_{80}^{11}\ \Phi_{20}\ \Phi_{16}^{11}\ \Phi_{4}\ \Phi_{1}$
12999	451	240	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{39}{80}$	$\Phi_{240}^{5}\ \Phi_{80}\ \Phi_{48}^{5}\ \Phi_{16}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
13000	451	840	$\frac{1}{30}$	$\frac{31}{420}$	$\frac{389}{840}$	$\frac{29}{60}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
13001	451	864	$\frac{19}{432}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{413}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{36}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$
13002	451	864	$\frac{19}{432}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{413}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{27}\ \Phi_1$
13003	451	864	$\frac{19}{432}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{413}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
13004	451	156	$\frac{2}{39}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{156}^3\ \Phi_{78}^2\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{13}^3\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
13005	451	612	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{161}{612}$	$\frac{145}{306}$	$\Phi_{612}\ \Phi_{204}\ \Phi_{153}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
13006	451	648	$\frac{1}{18}$	$\frac{19}{216}$	$\frac{197}{648}$	$\frac{17}{36}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
13007	451	504	$\frac{1}{18}$	$\frac{53}{504}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
13008	451	576	$\frac{1}{18}$	$\frac{19}{144}$	$\frac{125}{576}$	$\frac{17}{36}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$
13009	451	540	$\frac{1}{18}$	$\frac{89}{540}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
13010	451	520	$\frac{4}{65}$	$\frac{69}{520}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{520}\ \Phi_{260}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{20}\ \Phi_{13}\ \Phi_8\ \Phi_4\ \Phi_1$
13011	451	168	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{168}^4\ \Phi_{84}^2\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^4\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_8^3\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
13012	451	840	$\frac{31}{420}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{389}{840}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_8\ \Phi_7\ \Phi_1$
13013	451	60	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{19}{60}$	$\frac{9}{20}$	$\Phi_{60}^{11}\ \Phi_{30}^{11}\ \Phi_{20}\ \Phi_{15}^{11}\ \Phi_{12}^{11}\ \Phi_6^{11}\ \Phi_4\ \Phi_3^{11}\ \Phi_1$
13014	451	480	$\frac{29}{480}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
13015	451	220	$\frac{3}{44}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{220}^2\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{20}\ \Phi_{11}^3\ \Phi_4\ \Phi_1$
13016	451	180	$\frac{4}{45}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{180}^5\ \Phi_{60}^5\ \Phi_{45}\ \Phi_{36}^5\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^5\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
13017	451	100	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{9}{20}$	$\Phi_{100}^{10}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
13018	451	240	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{9}{20}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
13019	451	490	$\frac{39}{490}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{490}\ \Phi_{245}\ \Phi_{98}\ \Phi_{49}\ \Phi_{35}\ \Phi_7\ \Phi_1$
13020	451	72	$\frac{1}{12}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{72}^{11}\ \Phi_{24}^{11}\ \Phi_{12}^5\ \Phi_8^{11}\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
13021	451	780	$\frac{4}{65}$	$\frac{61}{390}$	$\frac{1}{5}$	$\frac{329}{780}$	$\Phi_{780}\ \Phi_{260}\ \Phi_{156}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{20}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
13022	451	48	$\frac{1}{12}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{48}^{11}\ \Phi_{24}^{11}\ \Phi_{16}^{11}\ \Phi_{12}^5\ \Phi_8^{11}\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
13023	451	420	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
13024	451	480	$\frac{29}{480}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
13025	451	126	$\frac{1}{42}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{126}^3\ \Phi_{63}^3\ \Phi_{42}^5\ \Phi_{21}^5\ \Phi_{18}^2\ \Phi_{14}^5\ \Phi_9^3\ \Phi_7^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
13026	451	336	$\frac{1}{42}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{336}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
13027	451	720	$\frac{1}{30}$	$\frac{29}{120}$	$\frac{91}{360}$	$\frac{269}{720}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
13028	451	486	$\frac{35}{486}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{486}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_1$
13029	451	684	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{109}{342}$	$\frac{233}{684}$	$\Phi_{684}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{12}\ \Phi_4\ \Phi_1$
13030	451	60	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{19}{60}$	$\Phi_{60}^6\ \Phi_{30}^6\ \Phi_{20}^{10}\ \Phi_{15}^7\ \Phi_{12}^6\ \Phi_{10}^{10}\ \Phi_6^6\ \Phi_5^{10}\ \Phi_4^{10}\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{11}$
13031	451	585	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{134}{585}$	$\frac{61}{195}$	$\Phi_{585}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}\ \Phi_{13}\ \Phi_9\ \Phi_1$
13032	451	648	$\frac{19}{216}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{197}{648}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_1$
13033	451	648	$\frac{19}{216}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{197}{648}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
13034	451	540	$\frac{1}{9}$	$\frac{89}{540}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
13035	451	525	$\frac{4}{35}$	$\frac{74}{525}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{525}\ \Phi_{175}\ \Phi_{75}\ \Phi_{35}\ \Phi_{25}\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
13036	451	630	$\frac{4}{35}$	$\frac{31}{210}$	$\frac{1}{5}$	$\frac{179}{630}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{18}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
13037	451	108	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{108}^{6}\ \Phi_{54}^{5}\ \Phi_{27}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
13038	451	660	$\frac{3}{44}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}$
13039	451	45	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{45}^{11}\ \Phi_{15}^{7}\ \Phi_{9}^{11}\ \Phi_{5}^{10}\ \Phi_{3}^{7}\ \Phi_{1}^{11}$
13040	451	150	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{150}^{5}\ \Phi_{75}^{5}\ \Phi_{50}\ \Phi_{25}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
13041	451	240	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{240}^{2}\ \Phi_{120}\ \Phi_{80}^{2}\ \Phi_{60}\ \Phi_{48}^{3}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
13042	451	504	$\frac{53}{504}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
13043	451	560	$\frac{4}{35}$	$\frac{109}{560}$	$\frac{1}{5}$	$\frac{31}{140}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{16}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
13044	451	576	$\frac{19}{144}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{125}{576}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
13045	452	672	$\frac{1}{112}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{111}{224}$	$\Phi_{672}\ \Phi_{224}^{2}\ \Phi_{96}\ \Phi_{32}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
13046	452	1110	$\frac{2}{111}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{109}{222}$	$\Phi_{1110}\ \Phi_{370}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
13047	452	205	$\frac{1}{41}$	$\frac{21}{205}$	$\frac{92}{205}$	$\frac{20}{41}$	$\Phi_{205}^{2}\ \Phi_{41}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
13048	452	760	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{39}{152}$	$\frac{37}{76}$	$\Phi_{760}\ \Phi_{190}\ \Phi_{95}\ \Phi_{40}\ \Phi_{10}$
13049	452	220	$\frac{3}{110}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{107}{220}$	$\Phi_{220}^{4}\ \Phi_{44}^{4}\ \Phi_{20}^{4}\ \Phi_{11}\ \Phi_{4}^{4}\ \Phi_{1}^{2}$
13050	452	1080	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{103}{216}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{120}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
13051	452	429	$\frac{23}{429}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{203}{429}$	$\Phi_{429}\ \Phi_{143}\ \Phi_{39}\ \Phi_{33}^{2}\ \Phi_{13}\ \Phi_{11}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
13052	452	154	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{41}{154}$	$\frac{36}{77}$	$\Phi_{154}^{4}\ \Phi_{77}^{2}\ \Phi_{22}^{4}\ \Phi_{14}^{4}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
13053	452	123	$\frac{3}{41}$	$\frac{10}{123}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{123}^{4}\ \Phi_{41}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
13054	452	165	$\frac{3}{55}$	$\frac{1}{11}$	$\frac{52}{165}$	$\frac{5}{11}$	$\Phi_{165}^{4}\ \Phi_{33}^{4}\ \Phi_{15}^{4}\ \Phi_{11}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
13055	452	121	$\frac{8}{121}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{121}^{4}\ \Phi_{11}\ \Phi_{1}^{2}$
13056	452	275	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{49}{275}$	$\frac{5}{11}$	$\Phi_{275}^{2}\ \Phi_{25}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
13057	452	132	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{19}{132}$	$\frac{5}{11}$	$\Phi_{132}^{4}\ \Phi_{66}^{4}\ \Phi_{44}^{4}\ \Phi_{33}^{4}\ \Phi_{12}^{4}\ \Phi_{11}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
13058	452	198	$\frac{1}{11}$	$\frac{14}{99}$	$\frac{5}{33}$	$\frac{85}{198}$	$\Phi_{198}^{4}\ \Phi_{66}^{4}\ \Phi_{33}^{2}\ \Phi_{22}^{4}\ \Phi_{18}^{4}\ \Phi_{11}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
13059	452	132	$\frac{1}{11}$	$\frac{19}{132}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{132}^{4}\ \Phi_{66}^{4}\ \Phi_{44}^{4}\ \Phi_{33}^{2}\ \Phi_{22}^{4}\ \Phi_{12}^{4}\ \Phi_{11}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
13060	452	120	$\frac{7}{120}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{120}^{4}\ \Phi_{60}^{3}\ \Phi_{40}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
13061	452	385	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{385}$	$\frac{159}{385}$	$\Phi_{385}\ \Phi_{77}^{2}\ \Phi_{55}\ \Phi_{35}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
13062	452	190	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{1}{5}$	$\frac{77}{190}$	$\Phi_{190}^{4}\ \Phi_{95}\ \Phi_{38}^{4}\ \Phi_{10}^{4}\ \Phi_{2}^{4}$
13063	452	369	$\frac{1}{41}$	$\frac{83}{369}$	$\frac{40}{123}$	$\frac{143}{369}$	$\Phi_{369}\ \Phi_{123}^{2}\ \Phi_{41}\ \Phi_{9}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
13064	452	164	$\frac{1}{41}$	$\frac{10}{41}$	$\frac{51}{164}$	$\frac{31}{82}$	$\Phi_{164}^{4}\ \Phi_{41}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
13065	452	168	$\frac{1}{56}$	$\frac{55}{168}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{168}^{3}\ \Phi_{84}^{3}\ \Phi_{56}^{2}\ \Phi_{42}^{3}\ \Phi_{28}^{2}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
13066	452	348	$\frac{3}{116}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{348}\ \Phi_{174}\ \Phi_{116}^{2}\ \Phi_{87}\ \Phi_{58}^{2}\ \Phi_{29}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
13067	452	420	$\frac{1}{28}$	$\frac{27}{140}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}^{2}\ \Phi_{105}\ \Phi_{70}^{2}\ \Phi_{60}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
13068	452	357	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{357}\ \Phi_{119}^{2}\ \Phi_{51}\ \Phi_{17}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
13069	452	120	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^{4}\ \Phi_{60}^{4}\ \Phi_{40}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{3}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{4}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
13070	452	384	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}^{2}\ \Phi_{96}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
13071	452	126	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{126}^{4}\ \Phi_{63}^{4}\ \Phi_{42}^{3}\ \Phi_{21}^{3}\ \Phi_{18}^{4}\ \Phi_{14}^{2}\ \Phi_{9}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
13072	452	810	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{49}{162}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
13073	452	297	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{71}{297}$	$\frac{28}{99}$	$\Phi_{297}^2\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
13074	452	630	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
13075	452	140	$\frac{3}{35}$	$\frac{27}{140}$	$\frac{8}{35}$	$\frac{1}{4}$	$\Phi_{140}^3\ \Phi_{70}^3\ \Phi_{35}^4\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_7^4\ \Phi_5^4\ \Phi_4^2\ \Phi_2^2\ \Phi_1^4$
13076	452	720	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{31}{144}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
13077	453	896	$\frac{5}{448}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{443}{896}$	$\Phi_{896}\ \Phi_{128}\ \Phi_8\ \Phi_1$
13078	453	608	$\frac{3}{152}$	$\frac{1}{4}$	$\frac{155}{608}$	$\frac{149}{304}$	$\Phi_{608}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_8\ \Phi_1$
13079	453	296	$\frac{3}{148}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{145}{296}$	$\Phi_{296}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
13080	453	288	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{137}{288}$	$\Phi_{288}^3\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
13081	453	160	$\frac{9}{160}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{160}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
13082	453	532	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{1}{4}$	$\frac{115}{266}$	$\Phi_{532}\ \Phi_{133}\ \Phi_{76}^2\ \Phi_{38}\ \Phi_{28}\ \Phi_{19}\ \Phi_7\ \Phi_4\ \Phi_1$
13083	453	760	$\frac{3}{76}$	$\frac{73}{380}$	$\frac{1}{4}$	$\frac{307}{760}$	$\Phi_{760}\ \Phi_{152}\ \Phi_{76}\ \Phi_{40}\ \Phi_{38}\ \Phi_{19}\ \Phi_8\ \Phi_1$
13084	453	224	$\frac{5}{224}$	$\frac{1}{4}$	$\frac{73}{224}$	$\frac{3}{8}$	$\Phi_{224}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
13085	453	464	$\frac{11}{464}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{29}\ \Phi_8\ \Phi_1$
13086	453	560	$\frac{5}{112}$	$\frac{107}{560}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
13087	453	160	$\frac{9}{160}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{160}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
13088	453	512	$\frac{5}{64}$	$\frac{59}{512}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_8\ \Phi_1$
13089	453	168	$\frac{5}{56}$	$\frac{17}{168}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{56}^2\ \Phi_{42}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
13090	453	228	$\frac{1}{38}$	$\frac{1}{4}$	$\frac{37}{114}$	$\frac{77}{228}$	$\Phi_{228}\ \Phi_{114}^2\ \Phi_{76}^3\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
13091	453	195	$\frac{2}{65}$	$\frac{44}{195}$	$\frac{21}{65}$	$\frac{1}{3}$	$\Phi_{195}^2\ \Phi_{65}^3\ \Phi_{39}^2\ \Phi_{15}^2\ \Phi_{13}^3\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
13092	453	216	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{65}{216}$	$\Phi_{216}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
13093	453	168	$\frac{17}{168}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
13094	453	192	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{192}$	$\frac{1}{4}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
13095	454	450	$\frac{2}{225}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{223}{450}$	$\Phi_{450}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13096	454	912	$\frac{1}{76}$	$\frac{77}{304}$	$\frac{1}{3}$	$\frac{75}{152}$	$\Phi_{912}\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
13097	454	1344	$\frac{3}{224}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{221}{448}$	$\Phi_{1344}\ \Phi_{192}\ \Phi_{12}\ \Phi_6$
13098	454	444	$\frac{5}{222}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{217}{444}$	$\Phi_{444}^2\ \Phi_{148}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13099	454	432	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{205}{432}$	$\Phi_{432}^2\ \Phi_{144}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13100	454	240	$\frac{13}{240}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13101	454	1254	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{1}{3}$	$\frac{191}{418}$	$\Phi_{1254}\ \Phi_{114}\ \Phi_{66}\ \Phi_{57}\ \Phi_6$
13102	454	399	$\frac{2}{57}$	$\frac{55}{399}$	$\frac{1}{3}$	$\frac{172}{399}$	$\Phi_{399}\ \Phi_{133}\ \Phi_{57}^2\ \Phi_{21}\ \Phi_{19}^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
13103	454	1140	$\frac{1}{38}$	$\frac{37}{190}$	$\frac{1}{3}$	$\frac{153}{380}$	$\Phi_{1140}\ \Phi_{228}\ \Phi_{114}\ \Phi_{60}\ \Phi_{57}\ \Phi_{12}\ \Phi_6$
13104	454	696	$\frac{5}{232}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{12}\ \Phi_6$
13105	454	342	$\frac{1}{57}$	$\frac{56}{171}$	$\frac{1}{3}$	$\frac{115}{342}$	$\Phi_{342}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13106	454	300	$\frac{2}{75}$	$\frac{73}{300}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13107	454	234	$\frac{7}{234}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13108	454	270	$\frac{2}{45}$	$\frac{43}{270}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13109	454	240	$\frac{13}{240}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
13110	454	336	$\frac{3}{112}$	$\frac{1}{4}$	$\frac{109}{336}$	$\frac{1}{3}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13111	454	252	$\frac{1}{12}$	$\frac{25}{252}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13112	454	324	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{324}$	$\frac{1}{3}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13113	454	840	$\frac{3}{56}$	$\frac{53}{280}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
13114	454	240	$\frac{13}{240}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13115	454	768	$\frac{3}{32}$	$\frac{29}{256}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{12}\ \Phi_6$
13116	454	252	$\frac{25}{252}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13117	454	288	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{288}$	$\frac{1}{3}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13118	455	360	$\frac{1}{90}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{89}{180}$	$\Phi_{360}^2\ \Phi_{180}\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
13119	455	384	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{63}{128}$	$\Phi_{384}^2\ \Phi_{128}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
13120	455	1152	$\frac{1}{64}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{63}{128}$	$\Phi_{1152}\ \Phi_{128}\ \Phi_9\ \Phi_1$
13121	455	408	$\frac{1}{34}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{33}{68}$	$\Phi_{408}^2\ \Phi_{136}^2\ \Phi_{68}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
13122	455	1020	$\frac{1}{34}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{1020}\ \Phi_{340}\ \Phi_{68}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_5\ \Phi_4\ \Phi_1$
13123	455	612	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{33}{68}$	$\Phi_{612}^2\ \Phi_{68}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
13124	455	272	$\frac{1}{34}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{272}^2\ \Phi_{136}^2\ \Phi_{68}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
13125	455	504	$\frac{2}{63}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
13126	455	528	$\frac{3}{88}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{85}{176}$	$\Phi_{528}^2\ \Phi_{176}\ \Phi_{48}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
13127	455	88	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{88}^5\ \Phi_{44}^6\ \Phi_{22}^5\ \Phi_{11}^5\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
13128	455	462	$\frac{2}{33}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{77}\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
13129	455	408	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{16}{51}$	$\frac{11}{24}$	$\Phi_{408}^2\ \Phi_{136}^2\ \Phi_{51}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_3\ \Phi_1$
13130	455	336	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{336}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
13131	455	408	$\frac{1}{12}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{11}{24}$	$\Phi_{408}^2\ \Phi_{136}^2\ \Phi_{24}^3\ \Phi_{17}^2\ \Phi_8^3\ \Phi_1^3$
13132	455	24	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{24}^{17}\ \Phi_{12}^{22}\ \Phi_8^{16}\ \Phi_6^{21}\ \Phi_4^{21}\ \Phi_3^{21}\ \Phi_2^{20}\ \Phi_1^{21}$
13133	455	448	$\frac{1}{14}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{448}^2\ \Phi_{64}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
13134	455	96	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{31}{96}$	$\frac{5}{12}$	$\Phi_{96}^5\ \Phi_{48}^5\ \Phi_{32}^4\ \Phi_{24}^5\ \Phi_{16}^4\ \Phi_{12}^6\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
13135	455	204	$\frac{3}{68}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^3\ \Phi_{51}^2\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
13136	455	48	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{5}{12}$	$\Phi_{48}^8\ \Phi_{24}^8\ \Phi_{16}^{12}\ \Phi_{12}^9\ \Phi_8^{12}\ \Phi_6^8\ \Phi_4^{13}\ \Phi_3^8\ \Phi_2^{12}\ \Phi_1^{13}$
13137	455	84	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{84}^{10}\ \Phi_{42}^2\ \Phi_{28}^{10}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^5\ \Phi_7\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
13138	455	72	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{72}^7\ \Phi_{36}^7\ \Phi_{24}^5\ \Phi_{18}^7\ \Phi_{12}^6\ \Phi_9^7\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
13139	455	88	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{88}^6\ \Phi_{44}^6\ \Phi_{22}\ \Phi_{11}^5\ \Phi_8^5\ \Phi_4^5\ \Phi_1^5$
13140	455	744	$\frac{2}{93}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{744}\ \Phi_{248}\ \Phi_{93}\ \Phi_{31}\ \Phi_8\ \Phi_1$
13141	455	1080	$\frac{1}{45}$	$\frac{1}{4}$	$\frac{44}{135}$	$\frac{3}{8}$	$\Phi_{1080}\ \Phi_{216}\ \Phi_{135}\ \Phi_{27}\ \Phi_8\ \Phi_1$
13142	455	120	$\frac{1}{30}$	$\frac{29}{120}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^3\ \Phi_{60}^5\ \Phi_{40}^3\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
13143	455	760	$\frac{4}{95}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{760}\ \Phi_{152}\ \Phi_{95}\ \Phi_{19}\ \Phi_8\ \Phi_1$
13144	455	96	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{96}^5\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{24}^3\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
13145	455	216	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^4\ \Phi_{108}\ \Phi_{72}^2\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
13146	455	120	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^6\ \Phi_{40}^6\ \Phi_{24}^6\ \Phi_{15}^6\ \Phi_8^7\ \Phi_5^6\ \Phi_3^6\ \Phi_1^7$
13147	455	56	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{56}^8\ \Phi_{28}^{10}\ \Phi_{14}^9\ \Phi_8^4\ \Phi_7^9\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
13148	455	792	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{99}\ \Phi_{88}\ \Phi_{33}\ \Phi_{11}\ \Phi_8\ \Phi_1$
13149	455	200	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{200}^4\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_8^3\ \Phi_4\ \Phi_1$
13150	455	378	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{378}\ \Phi_{189}\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
13151	455	138	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{138}^3\ \Phi_{69}^4\ \Phi_{46}^3\ \Phi_{23}^3\ \Phi_6^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
13152	455	288	$\frac{1}{32}$	$\frac{2}{9}$	$\frac{31}{96}$	$\frac{1}{3}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}\ \Phi_{72}^2\ \Phi_{48}\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
13153	455	255	$\frac{1}{17}$	$\frac{2}{15}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{255}^2\ \Phi_{85}^2\ \Phi_{51}\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3\ \Phi_1$
13154	455	612	$\frac{3}{68}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_9\ \Phi_1$
13155	455	168	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{168}^3\ \Phi_{84}^2\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
13156	455	144	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{144}^4\ \Phi_{72}^4\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_9^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
13157	455	126	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{126}^5\ \Phi_{63}^5\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}\ \Phi_9^3\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
13158	455	72	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{72}^6\ \Phi_{36}^6\ \Phi_{24}^7\ \Phi_{18}^6\ \Phi_{12}^7\ \Phi_9^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
13159	455	255	$\frac{2}{17}$	$\frac{2}{15}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{255}^2\ \Phi_{85}^2\ \Phi_{17}^2\ \Phi_{15}^3\ \Phi_5^3\ \Phi_1^3$
13160	455	120	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{120}^5\ \Phi_{60}^5\ \Phi_{40}^5\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^5\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
13161	455	306	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{16}{51}$	$\Phi_{306}^2\ \Phi_{153}^2\ \Phi_{51}\ \Phi_{18}^3\ \Phi_9^3\ \Phi_3\ \Phi_1$
13162	455	816	$\frac{1}{17}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_3\ \Phi_1$
13163	455	132	$\frac{3}{44}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{132}^3\ \Phi_{66}^3\ \Phi_{44}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
13164	455	306	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{3}{17}$	$\frac{5}{18}$	$\Phi_{306}^2\ \Phi_{153}^2\ \Phi_{18}^3\ \Phi_{17}^2\ \Phi_9^3\ \Phi_1^3$
13165	455	72	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{72}^{10}\ \Phi_{36}^{10}\ \Phi_{24}^2\ \Phi_{18}^5\ \Phi_{12}^2\ \Phi_9^5\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
13166	455	336	$\frac{1}{14}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
13167	455	272	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{272}^2\ \Phi_{136}^2\ \Phi_{17}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_1^3$
13168	455	48	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{48}^{14}\ \Phi_{24}^8\ \Phi_{16}^7\ \Phi_{12}^{10}\ \Phi_8^4\ \Phi_6^9\ \Phi_4^5\ \Phi_3^9\ \Phi_2^4\ \Phi_1^5$
13169	456	339	$\frac{1}{113}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{56}{113}$	$\Phi_{339}\ \Phi_{113}^2\ \Phi_3^2\ \Phi_1^4$
13170	456	91	$\frac{1}{91}$	$\frac{23}{91}$	$\frac{34}{91}$	$\frac{45}{91}$	$\Phi_{91}^5\ \Phi_{13}^5\ \Phi_7^5\ \Phi_1^6$
13171	456	687	$\frac{3}{229}$	$\frac{58}{229}$	$\frac{1}{3}$	$\frac{113}{229}$	Φ_{687}
13172	456	75	$\frac{1}{75}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{37}{75}$	$\Phi_{75}^6\ \Phi_{25}^6\ \Phi_{15}^6\ \Phi_5^7\ \Phi_3^6\ \Phi_1^8$
13173	456	300	$\frac{1}{75}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{37}{75}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
13174	456	65	$\frac{1}{65}$	$\frac{11}{65}$	$\frac{27}{65}$	$\frac{32}{65}$	$\Phi_{65}^7\ \Phi_{13}^7\ \Phi_5^7\ \Phi_1^8$
13175	456	112	$\frac{1}{56}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{55}{112}$	$\Phi_{112}^8\ \Phi_{16}^8\ \Phi_7\ \Phi_1^2$
13176	456	1680	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{55}{112}$	$\Phi_{1680}\ \Phi_{240}\ \Phi_{15}$
13177	456	204	$\frac{1}{51}$	$\frac{1}{4}$	$\frac{13}{51}$	$\frac{25}{51}$	$\Phi_{204}^3\ \Phi_{102}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
13178	456	455	$\frac{9}{455}$	$\frac{113}{455}$	$\frac{116}{455}$	$\frac{223}{455}$	$\Phi_{455}\ \Phi_{91}\ \Phi_{65}\ \Phi_{35}\ \Phi_{13}\ \Phi_7\ \Phi_5\ \Phi_1^2$
13179	456	687	$\frac{5}{229}$	$\frac{39}{229}$	$\frac{1}{3}$	$\frac{112}{229}$	Φ_{687}
13180	456	407	$\frac{1}{37}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{18}{37}$	$\Phi_{407}\ \Phi_{37}^2\ \Phi_{11}^2\ \Phi_1^4$
13181	456	777	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{777}\ \Phi_{21}^2$
13182	456	407	$\frac{1}{37}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{18}{37}$	$\Phi_{407}\ \Phi_{37}^2\ \Phi_{11}^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
13183	456	740	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{18}{37}$	$\Phi_{740}\ \Phi_{370}\ \Phi_{20}^2\ \Phi_{10}^2$
13184	456	35	$\frac{1}{35}$	$\frac{3}{35}$	$\frac{16}{35}$	$\frac{17}{35}$	$\Phi_{35}^{13}\ \Phi_7^{13}\ \Phi_5^{13}\ \Phi_1^{14}$
13185	456	105	$\frac{1}{35}$	$\frac{6}{35}$	$\frac{29}{105}$	$\frac{17}{35}$	$\Phi_{105}^6\ \Phi_{35}\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_7\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
13186	456	70	$\frac{1}{35}$	$\frac{13}{70}$	$\frac{9}{35}$	$\frac{17}{35}$	$\Phi_{70}^8\ \Phi_{35}^5\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_7^5\ \Phi_5^5\ \Phi_2^8\ \Phi_1^6$
13187	456	221	$\frac{7}{221}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{107}{221}$	$\Phi_{221}^2\ \Phi_{17}^2\ \Phi_{13}^3\ \Phi_1^4$
13188	456	147	$\frac{5}{147}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{71}{147}$	$\Phi_{147}^3\ \Phi_{49}^3\ \Phi_{21}^5\ \Phi_7^5\ \Phi_3^3\ \Phi_1^6$
13189	456	110	$\frac{2}{55}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{53}{110}$	$\Phi_{110}^8\ \Phi_{22}^8\ \Phi_{10}^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
13190	456	455	$\frac{17}{455}$	$\frac{59}{455}$	$\frac{132}{455}$	$\frac{219}{455}$	$\Phi_{455}\ \Phi_{91}\ \Phi_{65}\ \Phi_{35}\ \Phi_{13}\ \Phi_7\ \Phi_5\ \Phi_1^2$
13191	456	77	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{20}{77}$	$\frac{37}{77}$	$\Phi_{77}^6\ \Phi_{11}^6\ \Phi_7^5\ \Phi_1^6$
13192	456	455	$\frac{19}{455}$	$\frac{79}{455}$	$\frac{94}{455}$	$\frac{218}{455}$	$\Phi_{455}\ \Phi_{91}\ \Phi_{65}\ \Phi_{35}\ \Phi_{13}\ \Phi_7\ \Phi_5\ \Phi_1^2$
13193	456	828	$\frac{1}{23}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{11}{23}$	$\Phi_{828}\ \Phi_{276}\ \Phi_{92}\ \Phi_{36}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
13194	456	483	$\frac{1}{23}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{483}\ \Phi_{161}\ \Phi_{23}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
13195	456	621	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{11}{23}$	$\Phi_{621}\ \Phi_{27}^2\ \Phi_{23}\ \Phi_1^2$
13196	456	552	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{11}{23}$	$\Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{92}\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
13197	456	115	$\frac{1}{23}$	$\frac{4}{23}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{115}^5\ \Phi_5^4$
13198	456	612	$\frac{7}{153}$	$\frac{20}{153}$	$\frac{1}{4}$	$\frac{73}{153}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
13199	456	65	$\frac{3}{65}$	$\frac{8}{65}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{65}^7\ \Phi_{13}^7\ \Phi_5^7\ \Phi_1^8$
13200	456	687	$\frac{11}{229}$	$\frac{20}{229}$	$\frac{1}{3}$	$\frac{109}{229}$	Φ_{687}
13201	456	468	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{468}^2\ \Phi_{156}^2\ \Phi_{52}^2\ \Phi_{39}$
13202	456	828	$\frac{1}{18}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{17}{36}$	$\Phi_{828}\ \Phi_{276}\ \Phi_{92}\ \Phi_{36}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
13203	456	36	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{36}^9\ \Phi_{18}^{17}\ \Phi_{12}^9\ \Phi_9^{16}\ \Phi_6^{17}\ \Phi_4^8\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{16}$
13204	456	828	$\frac{1}{18}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{17}{36}$	$\Phi_{828}\ \Phi_{276}\ \Phi_{92}\ \Phi_{36}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
13205	456	1260	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{140}\ \Phi_{35}$
13206	456	340	$\frac{1}{17}$	$\frac{9}{85}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{340}^2\ \Phi_{170}^2\ \Phi_{68}\ \Phi_{34}\ \Phi_{20}^2\ \Phi_{10}^2$
13207	456	143	$\frac{9}{143}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{67}{143}$	$\Phi_{143}^3\ \Phi_{13}^5\ \Phi_{11}^3\ \Phi_1^6$
13208	456	26	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{26}^{24}\ \Phi_{13}^{11}\ \Phi_2^{24}\ \Phi_1^{12}$
13209	456	35	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{11}{35}$	$\frac{16}{35}$	$\Phi_{35}^{13}\ \Phi_7^{13}\ \Phi_5^{13}\ \Phi_1^{14}$
13210	456	35	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{35}^{12}\ \Phi_7^{17}\ \Phi_5^{12}\ \Phi_1^{18}$
13211	456	660	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2$
13212	456	154	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{154}^4\ \Phi_{77}^3\ \Phi_{14}^4\ \Phi_7^2$
13213	456	104	$\frac{1}{13}$	$\frac{5}{52}$	$\frac{3}{13}$	$\frac{47}{104}$	$\Phi_{104}^8\ \Phi_{13}^3\ \Phi_8^8\ \Phi_1^4$
13214	456	65	$\frac{7}{65}$	$\frac{8}{65}$	$\frac{9}{65}$	$\frac{29}{65}$	$\Phi_{65}^7\ \Phi_{13}^7\ \Phi_5^7\ \Phi_1^8$
13215	456	324	$\frac{5}{81}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
13216	456	68	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{15}{34}$	$\Phi_{68}^9\ \Phi_{34}\ \Phi_{17}^8\ \Phi_4^8\ \Phi_1^8$
13217	456	100	$\frac{1}{20}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{100}^5\ \Phi_{50}^5\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
13218	456	28	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{9}{28}$	$\frac{3}{7}$	$\Phi_{28}^{16}\ \Phi_{14}^{16}\ \Phi_7^{17}\ \Phi_4^{16}\ \Phi_2^{16}\ \Phi_1^{18}$
13219	456	119	$\frac{5}{119}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{119}^4\ \Phi_{17}^4\ \Phi_7\ \Phi_1^2$
13220	456	140	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{140}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^6\ \Phi_{14}^2\ \Phi_{10}^6\ \Phi_7^3\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
13221	456	70	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{70}$	$\frac{3}{7}$	$\Phi_{70}^8\ \Phi_{35}^8\ \Phi_{10}^8\ \Phi_7\ \Phi_5^8\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
13222	456	21	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{21}^{24}\ \Phi_{7}^{17}\ \Phi_{3}^{24}\ \Phi_{1}^{18}$
13223	456	448	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
13224	456	231	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{231}^{2}\ \Phi_{77}^{3}\ \Phi_{21}^{2}\ \Phi_{7}^{2}$
13225	456	455	$\frac{17}{455}$	$\frac{73}{455}$	$\frac{132}{455}$	$\frac{191}{455}$	$\Phi_{455}\ \Phi_{91}\ \Phi_{65}\ \Phi_{35}\ \Phi_{13}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
13226	456	687	$\frac{7}{229}$	$\frac{37}{229}$	$\frac{1}{3}$	$\frac{96}{229}$	Φ_{687}
13227	456	65	$\frac{2}{65}$	$\frac{11}{65}$	$\frac{21}{65}$	$\frac{27}{65}$	$\Phi_{65}^{7}\ \Phi_{13}^{7}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
13228	456	65	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{65}$	$\frac{27}{65}$	$\Phi_{65}^{6}\ \Phi_{13}^{11}\ \Phi_{5}^{6}\ \Phi_{1}^{12}$
13229	456	385	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{385}$	$\frac{157}{385}$	$\Phi_{385}\ \Phi_{77}^{2}\ \Phi_{55}\ \Phi_{35}\ \Phi_{11}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
13230	456	800	$\frac{1}{25}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{800}\ \Phi_{160}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
13231	456	195	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{195}^{2}\ \Phi_{65}^{2}\ \Phi_{39}^{4}\ \Phi_{15}\ \Phi_{13}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
13232	456	25	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{6}{25}$	$\frac{2}{5}$	$\Phi_{25}^{18}\ \Phi_{5}^{19}\ \Phi_{1}^{20}$
13233	456	20	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{20}^{24}\ \Phi_{10}^{24}\ \Phi_{5}^{19}\ \Phi_{4}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{20}$
13234	456	45	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{45}^{12}\ \Phi_{15}^{6}\ \Phi_{9}^{12}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
13235	456	125	$\frac{11}{125}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{125}^{4}\ \Phi_{25}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
13236	456	39	$\frac{1}{39}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{39}^{12}\ \Phi_{13}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
13237	456	65	$\frac{1}{13}$	$\frac{8}{65}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{65}^{8}\ \Phi_{13}^{3}\ \Phi_{5}^{8}\ \Phi_{1}^{4}$
13238	456	460	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{11}{46}$	$\frac{35}{92}$	$\Phi_{460}^{2}\ \Phi_{115}\ \Phi_{20}^{2}$
13239	456	455	$\frac{19}{455}$	$\frac{94}{455}$	$\frac{109}{455}$	$\frac{173}{455}$	$\Phi_{455}\ \Phi_{91}\ \Phi_{65}\ \Phi_{35}\ \Phi_{13}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
13240	456	612	$\frac{5}{153}$	$\frac{37}{153}$	$\frac{1}{4}$	$\frac{58}{153}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
13241	456	600	$\frac{1}{25}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
13242	456	91	$\frac{3}{91}$	$\frac{22}{91}$	$\frac{23}{91}$	$\frac{34}{91}$	$\Phi_{91}^{5}\ \Phi_{13}^{5}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
13243	456	150	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{150}^{5}\ \Phi_{50}^{5}\ \Phi_{30}^{4}\ \Phi_{25}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
13244	456	100	$\frac{1}{20}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{100}^{5}\ \Phi_{50}^{5}\ \Phi_{25}^{4}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
13245	456	117	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{35}{117}$	$\frac{41}{117}$	$\Phi_{117}^{3}\ \Phi_{39}^{6}\ \Phi_{13}^{5}\ \Phi_{9}^{3}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
13246	456	91	$\frac{4}{91}$	$\frac{15}{91}$	$\frac{29}{91}$	$\frac{31}{91}$	$\Phi_{91}^{5}\ \Phi_{13}^{5}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
13247	456	115	$\frac{4}{115}$	$\frac{1}{5}$	$\frac{37}{115}$	$\frac{39}{115}$	$\Phi_{115}^{4}\ \Phi_{23}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
13248	456	455	$\frac{8}{455}$	$\frac{149}{455}$	$\frac{151}{455}$	$\frac{153}{455}$	$\Phi_{455}\ \Phi_{91}\ \Phi_{65}\ \Phi_{35}\ \Phi_{13}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
13249	456	687	$\frac{4}{229}$	$\frac{75}{229}$	$\frac{1}{3}$	$\frac{77}{229}$	Φ_{687}
13250	456	174	$\frac{1}{58}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{174}^{3}\ \Phi_{87}^{3}\ \Phi_{58}^{2}\ \Phi_{29}^{2}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
13251	456	339	$\frac{2}{113}$	$\frac{37}{113}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{339}\ \Phi_{113}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
13252	456	156	$\frac{1}{39}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{156}^{4}\ \Phi_{78}^{4}\ \Phi_{52}^{4}\ \Phi_{26}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
13253	456	339	$\frac{5}{113}$	$\frac{18}{113}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{339}\ \Phi_{113}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
13254	456	420	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}^{2}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^{2}\ \Phi_{42}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
13255	456	273	$\frac{1}{13}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{273}^{2}\ \Phi_{91}^{2}\ \Phi_{39}$
13256	456	900	$\frac{2}{75}$	$\frac{1}{4}$	$\frac{73}{225}$	$\frac{1}{3}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{180}\ \Phi_{90}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
13257	456	420	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{9}{28}$	$\frac{1}{3}$	$\Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{105}^{2}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{3}$
13258	456	687	$\frac{10}{229}$	$\frac{39}{229}$	$\frac{73}{229}$	$\frac{1}{3}$	Φ_{687}
13259	456	483	$\frac{2}{23}$	$\frac{2}{21}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{483}\ \Phi_{161}\ \Phi_{23}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
13260	456	351	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{351}^{2}\ \Phi_{39}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
13261	456	660	$\frac{1}{20}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2$
13262	456	687	$\frac{9}{229}$	$\frac{55}{229}$	$\frac{58}{229}$	$\frac{1}{3}$	Φ_{687}
13263	456	300	$\frac{1}{25}$	$\frac{6}{25}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{12}^4\ \Phi_6^4$
13264	456	60	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^{11}\ \Phi_{30}^{11}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_6^{12}\ \Phi_3^{12}$
13265	456	180	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^2\ \Phi_{36}^4\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
13266	456	660	$\frac{13}{165}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{44}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
13267	456	252	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{18}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_6$
13268	456	585	$\frac{1}{13}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{65}\ \Phi_{39}$
13269	456	483	$\frac{2}{21}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{483}\ \Phi_{161}\ \Phi_{23}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
13270	456	312	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{39}$
13271	456	210	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{42}^4\ \Phi_{30}^3\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_6^4\ \Phi_3^4$
13272	456	105	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^5\ \Phi_{35}^6\ \Phi_{15}^6\ \Phi_5^6$
13273	456	960	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{15}$
13274	456	55	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{17}{55}$	$\Phi_{55}^8\ \Phi_{11}^8\ \Phi_5^{11}\ \Phi_1^{12}$
13275	456	621	$\frac{2}{23}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{7}{23}$	$\Phi_{621}\ \Phi_{27}^2\ \Phi_{23}\ \Phi_1^2$
13276	456	552	$\frac{2}{23}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{7}{23}$	$\Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{92}\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
13277	456	693	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{693}\ \Phi_{77}\ \Phi_{63}$
13278	456	108	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{108}^8\ \Phi_{54}^8\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
13279	456	621	$\frac{1}{9}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{8}{27}$	$\Phi_{621}\ \Phi_{27}^2\ \Phi_{23}\ \Phi_1^2$
13280	456	945	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{945}\ \Phi_{35}$
13281	456	21	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{21}^{21}\ \Phi_7^{23}\ \Phi_3^{21}\ \Phi_1^{24}$
13282	456	49	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{11}{49}$	$\frac{2}{7}$	$\Phi_{49}^9\ \Phi_7^{11}\ \Phi_1^{12}$
13283	456	105	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{105}^6\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
13284	456	91	$\frac{11}{91}$	$\frac{15}{91}$	$\frac{16}{91}$	$\frac{25}{91}$	$\Phi_{91}^5\ \Phi_{13}^5\ \Phi_7^5\ \Phi_1^6$
13285	456	26	$\frac{1}{13}$	$\frac{5}{26}$	$\frac{3}{13}$	$\frac{7}{26}$	$\Phi_{26}^{16}\ \Phi_{13}^{19}\ \Phi_2^{16}\ \Phi_1^{20}$
13286	456	204	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{1}{4}$	$\frac{13}{51}$	$\Phi_{204}^4\ \Phi_{102}^4\ \Phi_{68}\ \Phi_{34}\ \Phi_{12}^4\ \Phi_6^4$
13287	456	180	$\frac{1}{9}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{36}\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}^4\ \Phi_6$
13288	456	72	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{72}^9\ \Phi_{36}^4\ \Phi_{24}^6\ \Phi_{18}^7\ \Phi_{12}^3\ \Phi_9^6\ \Phi_8^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
13289	456	552	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{5}{23}$	$\Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{92}\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
13290	456	115	$\frac{3}{23}$	$\frac{4}{23}$	$\frac{1}{5}$	$\frac{5}{23}$	$\Phi_{115}^5\ \Phi_5^4$
13291	456	840	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{140}\ \Phi_{35}$
13292	457	612	$\frac{2}{153}$	$\frac{155}{612}$	$\frac{1}{3}$	$\frac{151}{306}$	$\Phi_{612}\ \Phi_{204}\ \Phi_{153}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{17}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
13293	457	900	$\frac{7}{450}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{443}{900}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{180}\ \Phi_{100}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
13294	457	896	$\frac{9}{448}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{439}{896}$	$\Phi_{896}\ \Phi_{128}\ \Phi_{16}\ \Phi_1$
13295	457	552	$\frac{3}{92}$	$\frac{95}{552}$	$\frac{1}{4}$	$\frac{89}{184}$	$\Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
13296	457	880	$\frac{17}{440}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{423}{880}$	$\Phi_{880}\ \Phi_{176}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
13297	457	510	$\frac{2}{51}$	$\frac{53}{510}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{85}\ \Phi_{51}\ \Phi_{30}\ \Phi_{17}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
13298	457	864	$\frac{1}{24}$	$\frac{25}{432}$	$\frac{407}{864}$	$\frac{23}{48}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
13299	457	576	$\frac{1}{24}$	$\frac{25}{144}$	$\frac{119}{576}$	$\frac{23}{48}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
13300	457	864	$\frac{25}{432}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{407}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
13301	457	864	$\frac{25}{432}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{407}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
13302	457	624	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{167}{624}$	$\frac{145}{312}$	$\Phi_{624}\ \Phi_{208}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
13303	457	486	$\frac{29}{486}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{486}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
13304	457	528	$\frac{5}{66}$	$\frac{71}{528}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
13305	457	840	$\frac{37}{420}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{383}{840}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
13306	457	504	$\frac{47}{504}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
13307	457	816	$\frac{2}{51}$	$\frac{49}{408}$	$\frac{1}{3}$	$\frac{359}{816}$	$\Phi_{816}\ \Phi_{272}\ \Phi_{51}\ \Phi_{48}\ \Phi_{17}\ \Phi_{16}\ \Phi_{1}$
13308	457	672	$\frac{9}{224}$	$\frac{1}{8}$	$\frac{215}{672}$	$\frac{7}{16}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
13309	457	480	$\frac{23}{480}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
13310	457	560	$\frac{9}{112}$	$\frac{1}{8}$	$\frac{103}{560}$	$\frac{7}{16}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
13311	457	512	$\frac{55}{512}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{16}\ \Phi_{1}$
13312	457	480	$\frac{23}{480}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
13313	457	792	$\frac{5}{66}$	$\frac{61}{396}$	$\frac{1}{6}$	$\frac{335}{792}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
13314	457	570	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{113}{570}$	$\frac{77}{190}$	$\Phi_{570}\ \Phi_{285}\ \Phi_{114}\ \Phi_{95}\ \Phi_{57}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
13315	457	768	$\frac{1}{24}$	$\frac{73}{384}$	$\frac{23}{96}$	$\frac{311}{768}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
13316	457	760	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{77}{380}$	$\frac{303}{760}$	$\Phi_{760}\ \Phi_{152}\ \Phi_{95}\ \Phi_{40}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
13317	457	468	$\frac{11}{468}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
13318	457	576	$\frac{1}{24}$	$\frac{119}{576}$	$\frac{23}{96}$	$\frac{73}{192}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
13319	457	736	$\frac{3}{92}$	$\frac{89}{368}$	$\frac{1}{4}$	$\frac{279}{736}$	$\Phi_{736}\ \Phi_{92}\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_{1}$
13320	457	720	$\frac{1}{24}$	$\frac{23}{120}$	$\frac{97}{360}$	$\frac{263}{720}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
13321	457	504	$\frac{1}{12}$	$\frac{47}{504}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
13322	457	684	$\frac{1}{57}$	$\frac{56}{171}$	$\frac{227}{684}$	$\frac{115}{342}$	$\Phi_{684}\ \Phi_{228}\ \Phi_{171}\ \Phi_{76}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
13323	457	675	$\frac{7}{225}$	$\frac{2}{9}$	$\frac{218}{675}$	$\frac{1}{3}$	$\Phi_{675}\ \Phi_{135}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
13324	457	648	$\frac{2}{27}$	$\frac{25}{216}$	$\frac{191}{648}$	$\frac{1}{3}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
13325	457	612	$\frac{2}{51}$	$\frac{49}{204}$	$\frac{155}{612}$	$\frac{1}{3}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{51}\ \Phi_{36}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
13326	457	540	$\frac{2}{27}$	$\frac{83}{540}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
13327	457	495	$\frac{38}{495}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}\ \Phi_{33}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
13328	457	540	$\frac{7}{90}$	$\frac{83}{540}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
13329	457	594	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{137}{594}$	$\frac{61}{198}$	$\Phi_{594}\ \Phi_{297}\ \Phi_{66}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
13330	457	660	$\frac{17}{220}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{203}{660}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
13331	457	648	$\frac{1}{12}$	$\frac{25}{216}$	$\frac{191}{648}$	$\frac{11}{36}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
13332	457	540	$\frac{1}{12}$	$\frac{83}{540}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
13333	457	576	$\frac{1}{12}$	$\frac{25}{144}$	$\frac{119}{576}$	$\frac{11}{36}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
13334	457	630	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{210}$	$\frac{173}{630}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
13335	458	450	$\frac{4}{225}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{221}{450}$	$\Phi_{450}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{2}^2$
13336	458	276	$\frac{1}{46}$	$\frac{47}{276}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{276}\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{12}\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
13337	458	1320	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{211}{440}$	$\Phi_{1320}\ \Phi_{264}\ \Phi_{120}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{6}$
13338	458	240	$\frac{11}{240}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
13339	458	414	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{1}{3}$	$\frac{185}{414}$	$\Phi_{414}^2\ \Phi_{138}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{18}^2\ \Phi_{6}^2\ \Phi_{2}^2$
13340	458	1104	$\frac{1}{46}$	$\frac{45}{184}$	$\frac{1}{3}$	$\frac{139}{368}$	$\Phi_{1104}\ \Phi_{138}\ \Phi_{69}\ \Phi_{48}\ \Phi_{6}$
13341	458	276	$\frac{1}{23}$	$\frac{47}{276}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{2}^2$
13342	458	330	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{330}$	$\frac{1}{3}$	$\Phi_{330}\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
13343	458	240	$\frac{11}{240}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{2}^2$
13344	458	300	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{71}{300}$	$\frac{1}{3}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{2}^2$
13345	458	750	$\frac{21}{250}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{750}\ \Phi_{375}\ \Phi_{150}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
13346	458	270	$\frac{4}{45}$	$\frac{41}{270}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{2}^2$
13347	459	400	$\frac{1}{50}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{49}{100}$	$\Phi_{400}^2\ \Phi_{100}\ \Phi_{80}^2\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{4}\ \Phi_{1}$
13348	459	100	$\frac{1}{50}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{49}{100}$	$\Phi_{100}^5\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{20}^5\ \Phi_{10}^4\ \Phi_{5}^4\ \Phi_{4}^7\ \Phi_{2}^6\ \Phi_{1}^7$
13349	459	416	$\frac{1}{26}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{25}{52}$	$\Phi_{416}^2\ \Phi_{52}\ \Phi_{32}^3\ \Phi_{4}\ \Phi_{1}$
13350	459	312	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{25}{52}$	$\Phi_{312}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}\ \Phi_{3}^3\ \Phi_{1}$
13351	459	260	$\frac{1}{26}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{260}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{52}\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_{5}^3\ \Phi_{4}\ \Phi_{1}$
13352	459	196	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{47}{98}$	$\Phi_{196}^3\ \Phi_{49}^3\ \Phi_{28}^4\ \Phi_{14}\ \Phi_{7}^3\ \Phi_{4}^3\ \Phi_{1}^3$
13353	459	176	$\frac{1}{22}$	$\frac{23}{176}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{176}^3\ \Phi_{88}^3\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{16}^3\ \Phi_{11}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
13354	459	416	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{15}{32}$	$\Phi_{416}^2\ \Phi_{32}^3\ \Phi_{13}^2\ \Phi_{1}^3$
13355	459	160	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{160}^6\ \Phi_{32}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
13356	459	572	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{133}{286}$	$\Phi_{572}\ \Phi_{143}\ \Phi_{52}\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{13}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
13357	459	56	$\frac{1}{14}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{56}^9\ \Phi_{28}^8\ \Phi_{14}^7\ \Phi_{8}^9\ \Phi_{7}^7\ \Phi_{4}^7\ \Phi_{2}^6\ \Phi_{1}^7$
13358	459	280	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{4}$	$\frac{127}{280}$	$\Phi_{280}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{28}^2\ \Phi_{14}\ \Phi_{8}^3\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
13359	459	400	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{8}{25}$	$\frac{7}{16}$	$\Phi_{400}^2\ \Phi_{80}^2\ \Phi_{25}^2\ \Phi_{16}^3\ \Phi_{5}^2\ \Phi_{1}^3$
13360	459	144	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{144}^6\ \Phi_{48}^6\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
13361	459	880	$\frac{4}{55}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{880}\ \Phi_{176}\ \Phi_{55}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
13362	459	80	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{7}{16}$	$\Phi_{80}^{10}\ \Phi_{20}^3\ \Phi_{16}^{11}\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^3\ \Phi_{2}^2\ \Phi_{1}^3$
13363	459	420	$\frac{1}{28}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
13364	459	88	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{1}{4}$	$\frac{37}{88}$	$\Phi_{88}^9\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}^9\ \Phi_{4}\ \Phi_{1}$
13365	459	168	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{168}^4\ \Phi_{84}^2\ \Phi_{56}^4\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{8}^3\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
13366	459	288	$\frac{1}{18}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
13367	459	280	$\frac{5}{56}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
13368	459	126	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{126}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{18}^3\ \Phi_{14}\ \Phi_{9}^3\ \Phi_{7}^3\ \Phi_{6}^3\ \Phi_{3}^3\ \Phi_{1}^3$
13369	459	130	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{130}^4\ \Phi_{65}^4\ \Phi_{26}\ \Phi_{13}^3\ \Phi_{10}^3\ \Phi_{5}^3\ \Phi_{1}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
13370	459	100	$\frac{1}{25}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{8}{25}$	$\Phi_{100}^4\ \Phi_{50}^4\ \Phi_{25}^6\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
13371	459	229	$\frac{10}{229}$	$\frac{52}{229}$	$\frac{59}{229}$	$\frac{73}{229}$	$\Phi_{229}^2\ \Phi_1^3$
13372	459	44	$\frac{1}{22}$	$\frac{5}{22}$	$\frac{1}{4}$	$\frac{7}{22}$	$\Phi_{44}^{14}\ \Phi_{22}^7\ \Phi_{11}^7\ \Phi_4^{13}\ \Phi_2^6\ \Phi_1^7$
13373	459	312	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{4}{13}$	$\Phi_{312}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{24}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
13374	459	260	$\frac{1}{13}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{260}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{20}^3\ \Phi_{13}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1^3$
13375	459	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{30}^6\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}^6\ \Phi_{12}^3\ \Phi_{10}\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
13376	459	56	$\frac{5}{56}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{56}^9\ \Phi_{28}^7\ \Phi_{14}^7\ \Phi_8^9\ \Phi_7^9\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
13377	459	140	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1}{4}$	$\frac{19}{70}$	$\Phi_{140}^4\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^6\ \Phi_{20}^4\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
13378	459	36	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{36}^{14}\ \Phi_{18}^{13}\ \Phi_{12}^{14}\ \Phi_9^{13}\ \Phi_6^{13}\ \Phi_4^7\ \Phi_3^{13}\ \Phi_2^6\ \Phi_1^7$
13379	459	220	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{220}^2\ \Phi_{110}^2\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
13380	459	20	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{20}^{23}\ \Phi_{10}^{22}\ \Phi_5^{22}\ \Phi_4^{25}\ \Phi_2^{24}\ \Phi_1^{25}$
13381	459	44	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{44}^{14}\ \Phi_{22}^5\ \Phi_{11}^9\ \Phi_4^{13}\ \Phi_2^4\ \Phi_1^9$
13382	459	196	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{196}$	$\frac{1}{4}$	$\Phi_{196}^2\ \Phi_{98}^2\ \Phi_{49}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
13383	459	320	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{320}^2\ \Phi_{160}^2\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
13384	460	228	$\frac{1}{114}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{113}{228}$	$\Phi_{228}^4\ \Phi_{76}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
13385	460	728	$\frac{1}{91}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{45}{91}$	$\Phi_{728}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{13}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
13386	460	462	$\frac{1}{77}$	$\frac{39}{154}$	$\frac{1}{3}$	$\frac{38}{77}$	$\Phi_{462}^2\ \Phi_{231}\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{21}\ \Phi_6^2$
13387	460	204	$\frac{1}{51}$	$\frac{13}{102}$	$\frac{89}{204}$	$\frac{25}{51}$	$\Phi_{204}^4\ \Phi_{68}^4\ \Phi_{51}\ \Phi_{17}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
13388	460	153	$\frac{1}{51}$	$\frac{38}{153}$	$\frac{13}{51}$	$\frac{25}{51}$	$\Phi_{153}^4\ \Phi_{51}\ \Phi_{17}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
13389	460	45	$\frac{1}{45}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{22}{45}$	$\Phi_{45}^{10}\ \Phi_{15}^{10}\ \Phi_9^{11}\ \Phi_5^{10}\ \Phi_3^{11}\ \Phi_1^{12}$
13390	460	90	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{90}^6\ \Phi_{45}^4\ \Phi_{30}^6\ \Phi_{18}^6\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_9^4\ \Phi_6^8\ \Phi_5^4\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
13391	460	459	$\frac{11}{459}$	$\frac{47}{459}$	$\frac{206}{459}$	$\frac{224}{459}$	$\Phi_{459}\ \Phi_{153}\ \Phi_{51}\ \Phi_{27}\ \Phi_{17}\ \Phi_9\ \Phi_3\ \Phi_1^2$
13392	460	672	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{109}{224}$	$\Phi_{672}^2\ \Phi_{96}^2\ \Phi_{21}$
13393	460	1120	$\frac{3}{112}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{109}{224}$	$\Phi_{1120}\ \Phi_{160}\ \Phi_{20}\ \Phi_{10}$
13394	460	132	$\frac{1}{33}$	$\frac{17}{132}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{132}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{33}^2\ \Phi_{22}^4\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
13395	460	186	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{186}^3\ \Phi_{93}^3\ \Phi_{62}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
13396	460	216	$\frac{1}{27}$	$\frac{7}{108}$	$\frac{101}{216}$	$\frac{13}{27}$	$\Phi_{216}^4\ \Phi_{72}^4\ \Phi_{27}\ \Phi_{24}^4\ \Phi_9\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
13397	460	162	$\frac{1}{27}$	$\frac{7}{54}$	$\frac{47}{162}$	$\frac{13}{27}$	$\Phi_{162}^4\ \Phi_{81}^4\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
13398	460	27	$\frac{1}{27}$	$\frac{4}{27}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{27}^{17}\ \Phi_9^{17}\ \Phi_3^{17}\ \Phi_1^{18}$
13399	460	231	$\frac{3}{77}$	$\frac{8}{77}$	$\frac{1}{3}$	$\frac{37}{77}$	$\Phi_{231}^3\ \Phi_{33}^3\ \Phi_{21}^3\ \Phi_3^2$
13400	460	221	$\frac{9}{221}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{106}{221}$	$\Phi_{221}^2\ \Phi_{17}^3\ \Phi_{13}^2\ \Phi_1^4$
13401	460	441	$\frac{19}{441}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{211}{441}$	$\Phi_{441}\ \Phi_{147}\ \Phi_{63}\ \Phi_{49}\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
13402	460	836	$\frac{1}{22}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{21}{44}$	$\Phi_{836}\ \Phi_{76}\ \Phi_{44}^2\ \Phi_{19}\ \Phi_4^2\ \Phi_1^2$
13403	460	132	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{132}^{10}\ \Phi_{33}\ \Phi_{12}^{10}$
13404	460	836	$\frac{1}{22}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{21}{44}$	$\Phi_{836}\ \Phi_{76}\ \Phi_{44}^2\ \Phi_{19}\ \Phi_4^2\ \Phi_1^2$
13405	460	660	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{660}^2\ \Phi_{220}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
13406	460	126	$\frac{1}{21}$	$\frac{11}{126}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{126}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{21}^2\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^4\ \Phi_7^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
13407	460	627	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{9}{19}$	$\Phi_{627}\ \Phi_{57}\ \Phi_{33}^2\ \Phi_{19}\ \Phi_3^2\ \Phi_1^2$
13408	460	216	$\frac{7}{108}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{101}{216}$	$\Phi_{216}^4\ \Phi_{72}^4\ \Phi_{24}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
13409	460	429	$\frac{2}{33}$	$\frac{31}{429}$	$\frac{1}{3}$	$\frac{199}{429}$	$\Phi_{429}\ \Phi_{143}\ \Phi_{39}\ \Phi_{33}^2\ \Phi_{13}\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
13410	460	85	$\frac{7}{85}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{39}{85}$	$\Phi_{85}^5\ \Phi_{17}^7\ \Phi_5^5\ \Phi_1^8$
13411	460	363	$\frac{6}{121}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{363}^2\ \Phi_{33}$
13412	460	42	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{42}^{20}\ \Phi_{21}^2\ \Phi_{14}^{20}\ \Phi_7^2\ \Phi_6^{20}\ \Phi_3\ \Phi_2^{20}\ \Phi_1^2$
13413	460	72	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{72}^6\ \Phi_{36}^6\ \Phi_{24}^8\ \Phi_{18}^6\ \Phi_{12}^8\ \Phi_9^4\ \Phi_8^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
13414	460	90	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{7}{30}$	$\frac{4}{9}$	$\Phi_{90}^6\ \Phi_{45}^3\ \Phi_{30}^8\ \Phi_{18}^6\ \Phi_{15}^4\ \Phi_{10}^8\ \Phi_9^4\ \Phi_6^8\ \Phi_5^4\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
13415	460	225	$\frac{2}{25}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{225}^2\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{25}^4\ \Phi_{15}\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
13416	460	27	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{4}{9}$	$\Phi_{27}^{20}\ \Phi_9^{11}\ \Phi_3^{11}\ \Phi_1^{12}$
13417	460	672	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
13418	460	204	$\frac{1}{17}$	$\frac{13}{102}$	$\frac{4}{17}$	$\frac{89}{204}$	$\Phi_{204}^4\ \Phi_{68}^4\ \Phi_{17}^3\ \Phi_{12}^4\ \Phi_4^4\ \Phi_1^4$
13419	460	81	$\frac{1}{27}$	$\frac{11}{81}$	$\frac{26}{81}$	$\frac{35}{81}$	$\Phi_{81}^6\ \Phi_{27}^5\ \Phi_9^5\ \Phi_3^5\ \Phi_1^6$
13420	460	81	$\frac{2}{27}$	$\frac{11}{81}$	$\frac{5}{27}$	$\frac{35}{81}$	$\Phi_{81}^5\ \Phi_{27}^7\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
13421	460	357	$\frac{4}{119}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{357}^2\ \Phi_{51}^2\ \Phi_{21}$
13422	460	168	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{24}^2\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2$
13423	460	840	$\frac{1}{21}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
13424	460	162	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{47}{162}$	$\frac{34}{81}$	$\Phi_{162}^4\ \Phi_{81}^2\ \Phi_{54}^4\ \Phi_{27}\ \Phi_{18}^4\ \Phi_9\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
13425	460	198	$\frac{1}{33}$	$\frac{16}{99}$	$\frac{1}{3}$	$\frac{83}{198}$	$\Phi_{198}^4\ \Phi_{66}^4\ \Phi_{33}^2\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{11}^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
13426	460	119	$\frac{4}{119}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{119}^4\ \Phi_{17}^3\ \Phi_7^4\ \Phi_1^4$
13427	460	51	$\frac{5}{51}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{51}^{10}\ \Phi_{17}^7\ \Phi_3^{10}\ \Phi_1^8$
13428	460	27	$\frac{2}{27}$	$\frac{4}{27}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{27}^{17}\ \Phi_9^{17}\ \Phi_3^{17}\ \Phi_1^{18}$
13429	460	459	$\frac{14}{459}$	$\frac{89}{459}$	$\frac{137}{459}$	$\frac{185}{459}$	$\Phi_{459}\ \Phi_{153}\ \Phi_{51}\ \Phi_{27}\ \Phi_{17}\ \Phi_9\ \Phi_3\ \Phi_1^2$
13430	460	231	$\frac{2}{77}$	$\frac{15}{77}$	$\frac{1}{3}$	$\frac{31}{77}$	$\Phi_{231}^3\ \Phi_{33}^3\ \Phi_{21}^3\ \Phi_3^2$
13431	460	126	$\frac{11}{126}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{126}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_9^3\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
13432	460	136	$\frac{1}{17}$	$\frac{21}{136}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{136}^4\ \Phi_{68}^4\ \Phi_{17}^3\ \Phi_8^4\ \Phi_4^4\ \Phi_1^4$
13433	460	1128	$\frac{1}{47}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1128}\ \Phi_{141}$
13434	460	728	$\frac{3}{91}$	$\frac{22}{91}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{728}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{13}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
13435	460	120	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^5\ \Phi_{60}^5\ \Phi_{40}^4\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_5^4$
13436	460	392	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{392}^2\ \Phi_{56}\ \Phi_{49}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
13437	460	104	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{104}^7\ \Phi_{26}^4\ \Phi_{13}^3\ \Phi_8^8\ \Phi_2^4\ \Phi_1^4$
13438	460	252	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{252}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{36}^2\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13439	460	357	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{103}{357}$	$\frac{127}{357}$	$\Phi_{357}\ \Phi_{119}^2\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
13440	460	351	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{109}{351}$	$\frac{121}{351}$	$\Phi_{351}\ \Phi_{117}^2\ \Phi_{39}^2\ \Phi_{27}\ \Phi_{13}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
13441	460	870	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{28}{87}$	$\frac{59}{174}$	$\Phi_{870}\ \Phi_{290}\ \Phi_{145}\ \Phi_{30}\ \Phi_{10}$
13442	460	117	$\frac{2}{117}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{117}^4\ \Phi_{39}^4\ \Phi_{13}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
13443	460	171	$\frac{1}{57}$	$\frac{56}{171}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{171}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
13444	460	456	$\frac{1}{38}$	$\frac{37}{152}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{456}\ \Phi_{228}\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
13445	460	57	$\frac{2}{57}$	$\frac{11}{57}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{57}^8\ \Phi_{19}^8\ \Phi_3^9\ \Phi_1^{10}$
13446	460	24	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{24}^{20}\ \Phi_{12}^{20}\ \Phi_8^{20}\ \Phi_6^{16}\ \Phi_4^{20}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
13447	460	399	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{399}\ \Phi_{133}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
13448	460	297	$\frac{1}{33}$	$\frac{67}{297}$	$\frac{32}{99}$	$\frac{1}{3}$	$\Phi_{297}^2\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
13449	460	270	$\frac{2}{45}$	$\frac{1}{6}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{270}^3\ \Phi_{135}^2\ \Phi_{54}^3\ \Phi_{27}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13450	460	168	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{53}{168}$	$\frac{1}{3}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^4\ \Phi_{42}^2\ \Phi_{28}^4\ \Phi_{24}^2\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_8^4\ \Phi_7^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
13451	460	33	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{33}^{11}\ \Phi_{11}^{20}\ \Phi_3^{10}\ \Phi_1^{20}$
13452	460	126	$\frac{11}{126}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{126}^4\ \Phi_{63}^3\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^3\ \Phi_7^4\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
13453	460	147	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{147}^5\ \Phi_{21}^3\ \Phi_3^2$
13454	460	63	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{17}{63}$	$\frac{1}{3}$	$\Phi_{63}^{10}\ \Phi_{21}^2\ \Phi_9^{10}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
13455	460	216	$\frac{1}{24}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{216}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13456	460	30	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{30}^{14}\ \Phi_{15}^{16}\ \Phi_{10}^{14}\ \Phi_6^{16}\ \Phi_5^{16}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
13457	460	132	$\frac{1}{11}$	$\frac{17}{132}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{132}^4\ \Phi_{66}^2\ \Phi_{44}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{12}^4\ \Phi_{11}^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
13458	460	198	$\frac{7}{99}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{198}^3\ \Phi_{99}^2\ \Phi_{66}^3\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13459	460	147	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{32}{147}$	$\frac{1}{3}$	$\Phi_{147}^3\ \Phi_{49}^3\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
13460	460	126	$\frac{11}{126}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{126}^4\ \Phi_{63}^4\ \Phi_{42}^2\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
13461	460	150	$\frac{2}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{150}^4\ \Phi_{75}^2\ \Phi_{50}^4\ \Phi_{30}^2\ \Phi_{25}^4\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
13462	460	165	$\frac{1}{11}$	$\frac{9}{55}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{165}^5\ \Phi_{33}\ \Phi_{15}^5$
13463	460	84	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{1}{3}$	$\Phi_{84}^8\ \Phi_{42}^8\ \Phi_{21}^9\ \Phi_{12}^8\ \Phi_6^8\ \Phi_3^8$
13464	460	54	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{54}^{12}\ \Phi_{27}^8\ \Phi_{18}^6\ \Phi_9^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
13465	460	210	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{210}^3\ \Phi_{105}^2\ \Phi_{70}^3\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13466	460	840	$\frac{3}{56}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{53}{168}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
13467	460	627	$\frac{1}{11}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{10}{33}$	$\Phi_{627}\ \Phi_{57}\ \Phi_{33}^2\ \Phi_{19}\ \Phi_3^2\ \Phi_1^2$
13468	460	330	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{330}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
13469	460	162	$\frac{1}{9}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{47}{162}$	$\Phi_{162}^4\ \Phi_{81}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
13470	460	27	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{27}^{16}\ \Phi_9^{19}\ \Phi_3^{19}\ \Phi_1^{20}$
13471	460	186	$\frac{3}{31}$	$\frac{1}{6}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{186}^3\ \Phi_{93}^3\ \Phi_{62}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
13472	460	153	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{38}{153}$	$\frac{13}{51}$	$\Phi_{153}^4\ \Phi_{17}^3\ \Phi_9^4\ \Phi_1^4$
13473	460	640	$\frac{13}{128}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{20}\ \Phi_{10}$
13474	460	140	$\frac{3}{28}$	$\frac{5}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^4\ \Phi_{70}^4\ \Phi_{35}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^4$
13475	460	144	$\frac{1}{9}$	$\frac{7}{36}$	$\frac{29}{144}$	$\frac{2}{9}$	$\Phi_{144}^4\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
13476	461	736	$\frac{1}{92}$	$\frac{93}{368}$	$\frac{275}{736}$	$\frac{91}{184}$	$\Phi_{736}\ \Phi_{184}\ \Phi_{32}\ \Phi_8\ \Phi_1$
13477	461	912	$\frac{5}{456}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{451}{912}$	$\Phi_{912}\ \Phi_{304}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
13478	461	900	$\frac{11}{450}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{439}{900}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{180}\ \Phi_{100}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
13479	461	620	$\frac{4}{155}$	$\frac{1}{5}$	$\frac{159}{620}$	$\frac{151}{310}$	$\Phi_{620}\ \Phi_{155}\ \Phi_{124}\ \Phi_{31}\ \Phi_{20}\ \Phi_4\ \Phi_1$
13480	461	896	$\frac{13}{448}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{435}{896}$	$\Phi_{896}\ \Phi_{128}\ \Phi_{16}\ \Phi_8\ \Phi_1$
13481	461	880	$\frac{21}{440}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{419}{880}$	$\Phi_{880}\ \Phi_{176}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_8\ \Phi_1$
13482	461	840	$\frac{1}{20}$	$\frac{41}{420}$	$\frac{19}{60}$	$\frac{379}{840}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
13483	461	828	$\frac{1}{23}$	$\frac{47}{414}$	$\frac{22}{69}$	$\frac{367}{828}$	$\Phi_{828}\ \Phi_{276}\ \Phi_{92}\ \Phi_{69}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
13484	461	640	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{179}{640}$	$\frac{141}{320}$	$\Phi_{640}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
13485	461	644	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{183}{644}$	$\frac{139}{322}$	$\Phi_{644}\ \Phi_{161}\ \Phi_{92}\ \Phi_{28}\ \Phi_7\ \Phi_4\ \Phi_1$
13486	461	800	$\frac{1}{20}$	$\frac{61}{400}$	$\frac{19}{80}$	$\frac{339}{800}$	$\Phi_{800}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
13487	461	480	$\frac{19}{480}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
13488	461	608	$\frac{5}{152}$	$\frac{147}{608}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{608}\ \Phi_{304}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
13489	461	480	$\frac{19}{480}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
13490	461	480	$\frac{19}{480}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
13491	461	720	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{101}{360}$	$\frac{259}{720}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
13492	461	552	$\frac{1}{23}$	$\frac{91}{552}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{92}\ \Phi_{69}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
13493	461	696	$\frac{3}{116}$	$\frac{1}{4}$	$\frac{113}{348}$	$\frac{235}{696}$	$\Phi_{696}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{29}\ \Phi_{24}\ \Phi_8\ \Phi_1$
13494	461	621	$\frac{1}{23}$	$\frac{47}{207}$	$\frac{160}{621}$	$\frac{22}{69}$	$\Phi_{621}\ \Phi_{69}\ \Phi_{27}\ \Phi_3\ \Phi_1$
13495	461	675	$\frac{11}{225}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{214}{675}$	$\Phi_{675}\ \Phi_{135}\ \Phi_{27}\ \Phi_{15}\ \Phi_3\ \Phi_1$
13496	461	672	$\frac{13}{224}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{211}{672}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
13497	461	495	$\frac{34}{495}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_3\ \Phi_1$
13498	461	600	$\frac{11}{150}$	$\frac{1}{5}$	$\frac{139}{600}$	$\frac{4}{15}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{120}\ \Phi_{100}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
13499	461	525	$\frac{64}{525}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{525}\ \Phi_{175}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_3\ \Phi_1$
13500	461	540	$\frac{11}{90}$	$\frac{79}{540}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
13501	461	512	$\frac{51}{512}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{16}\ \Phi_8\ \Phi_1$
13502	461	560	$\frac{13}{112}$	$\frac{99}{560}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
13503	462	760	$\frac{1}{76}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{75}{152}$	$\Phi_{760}\ \Phi_{152}^2\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
13504	462	456	$\frac{1}{76}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{75}{152}$	$\Phi_{456}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
13505	462	780	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{32}{65}$	$\Phi_{780}\ \Phi_{260}\ \Phi_{156}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{20}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
13506	462	585	$\frac{1}{65}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{32}{65}$	$\Phi_{585}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}\ \Phi_{13}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
13507	462	820	$\frac{1}{41}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{20}{41}$	$\Phi_{820}\ \Phi_{164}\ \Phi_{41}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
13508	462	615	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{20}{41}$	$\Phi_{615}\ \Phi_{123}\ \Phi_{41}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
13509	462	1050	$\frac{2}{75}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{1050}\ \Phi_{350}\ \Phi_{210}\ \Phi_{70}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
13510	462	300	$\frac{2}{75}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{73}{150}$	$\Phi_{300}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
13511	462	832	$\frac{1}{32}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{31}{64}$	$\Phi_{832}\ \Phi_{64}^2\ \Phi_{13}\ \Phi_1^2$
13512	462	192	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{192}^7\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
13513	462	372	$\frac{1}{31}$	$\frac{16}{93}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{372}^2\ \Phi_{186}^2\ \Phi_{124}\ \Phi_{62}\ \Phi_{12}^2\ \Phi_6^2$
13514	462	728	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{728}\ \Phi_{182}\ \Phi_{91}\ \Phi_{56}\ \Phi_{14}$
13515	462	840	$\frac{1}{21}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{10}{21}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_8^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
13516	462	210	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{10}{21}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^4\ \Phi_7^3\ \Phi_6^2\ \Phi_5^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
13517	462	168	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{168}^3\ \Phi_{84}^2\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^6\ \Phi_7^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
13518	462	525	$\frac{1}{21}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{525}\ \Phi_{175}\ \Phi_{75}\ \Phi_{25}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
13519	462	120	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{120}^7\ \Phi_{40}^8\ \Phi_{24}^7\ \Phi_{12}^2\ \Phi_8^8\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13520	462	280	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{19}{40}$	$\Phi_{280}^3\ \Phi_{56}^3\ \Phi_{40}^4\ \Phi_{14}^2\ \Phi_8^4\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
13521	462	461	$\frac{29}{461}$	$\frac{35}{461}$	$\frac{142}{461}$	$\frac{216}{461}$	$\Phi_{461}\ \Phi_1^2$
13522	462	1008	$\frac{5}{72}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{112}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
13523	462	536	$\frac{5}{67}$	$\frac{1}{8}$	$\frac{12}{67}$	$\frac{31}{67}$	$\Phi_{536}\ \Phi_{268}\ \Phi_{134}$
13524	462	208	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{5}{16}$	$\frac{6}{13}$	$\Phi_{208}^2\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{16}^4\ \Phi_{13}^3\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
13525	462	156	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{156}^3\ \Phi_{78}^3\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{13}^3\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
13526	462	520	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{6}{13}$	$\Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
13527	462	461	$\frac{37}{461}$	$\frac{54}{461}$	$\frac{83}{461}$	$\frac{212}{461}$	$\Phi_{461}\ \Phi_1^2$
13528	462	620	$\frac{12}{155}$	$\frac{13}{155}$	$\frac{1}{4}$	$\frac{71}{155}$	$\Phi_{620}\ \Phi_{310}\ \Phi_{124}\ \Phi_{62}\ \Phi_{20}\ \Phi_{10}$
13529	462	461	$\frac{23}{461}$	$\frac{45}{461}$	$\frac{146}{461}$	$\frac{208}{461}$	$\Phi_{461}\ \Phi_1^2$
13530	462	660	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{660}^2\ \Phi_{132}^2\ \Phi_{66}\ \Phi_{60}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
13531	462	820	$\frac{2}{41}$	$\frac{1}{10}$	$\frac{13}{41}$	$\frac{9}{20}$	$\Phi_{820}\ \Phi_{164}\ \Phi_{41}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
13532	462	60	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{60}^6\ \Phi_{30}^{11}\ \Phi_{20}^5\ \Phi_{15}^{10}\ \Phi_{12}^6\ \Phi_{10}^9\ \Phi_6^{11}\ \Phi_5^8\ \Phi_4^4\ \Phi_3^{10}\ \Phi_2^8\ \Phi_1^8$
13533	462	820	$\frac{1}{10}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{9}{20}$	$\Phi_{820}\ \Phi_{164}\ \Phi_{41}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
13534	462	280	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{280}^2\ \Phi_{140}\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{14}^3\ \Phi_7^2$
13535	462	516	$\frac{1}{12}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}$
13536	462	240	$\frac{3}{80}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{60}^3\ \Phi_{48}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
13537	462	461	$\frac{34}{461}$	$\frac{61}{461}$	$\frac{87}{461}$	$\frac{200}{461}$	$\Phi_{461}\ \Phi_1^2$
13538	462	620	$\frac{8}{155}$	$\frac{21}{155}$	$\frac{1}{4}$	$\frac{67}{155}$	$\Phi_{620}\ \Phi_{310}\ \Phi_{124}\ \Phi_{62}\ \Phi_{20}\ \Phi_{10}$
13539	462	174	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{1}{3}$	$\frac{25}{58}$	$\Phi_{174}^7\ \Phi_{87}\ \Phi_6^7$
13540	462	204	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{204}^4\ \Phi_{102}\ \Phi_{68}^4\ \Phi_{51}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
13541	462	780	$\frac{2}{65}$	$\frac{1}{6}$	$\frac{21}{65}$	$\frac{5}{12}$	$\Phi_{780}\ \Phi_{260}\ \Phi_{156}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{20}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
13542	462	276	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{276}\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{46}^3\ \Phi_{23}^2$
13543	462	420	$\frac{2}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{420}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{60}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
13544	462	156	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{156}^5\ \Phi_{52}^5\ \Phi_{13}^5\ \Phi_{12}^6\ \Phi_4^6\ \Phi_1^6$
13545	462	84	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{84}^6\ \Phi_{42}^7\ \Phi_{28}^6\ \Phi_{21}^7\ \Phi_{14}^7\ \Phi_7^6$
13546	462	910	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{910}\ \Phi_{182}\ \Phi_{91}\ \Phi_{70}\ \Phi_{14}$
13547	462	570	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{37}{114}$	$\frac{2}{5}$	$\Phi_{570}\ \Phi_{285}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
13548	462	170	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{170}^3\ \Phi_{85}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_1^2$
13549	462	80	$\frac{3}{80}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{80}^6\ \Phi_{40}^6\ \Phi_{20}^5\ \Phi_{16}^6\ \Phi_{10}^5\ \Phi_8^6\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
13550	462	95	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{95}^5\ \Phi_{19}^4\ \Phi_5^6\ \Phi_1^6$
13551	462	190	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{190}^2\ \Phi_{95}^2\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{10}^2\ \Phi_5^3\ \Phi_2^4\ \Phi_1^6$
13552	462	120	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{120}^4\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^8\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^6\ \Phi_{10}^2\ \Phi_8^6\ \Phi_6^6\ \Phi_5^3\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
13553	462	774	$\frac{1}{43}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{774}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}$
13554	462	124	$\frac{1}{31}$	$\frac{15}{62}$	$\frac{1}{4}$	$\frac{47}{124}$	$\Phi_{124}^3\ \Phi_{62}^5\ \Phi_{31}^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
13555	462	688	$\frac{1}{43}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{688}\ \Phi_{172}\ \Phi_{86}$
13556	462	461	$\frac{27}{461}$	$\frac{62}{461}$	$\frac{133}{461}$	$\frac{164}{461}$	$\Phi_{461}\ \Phi_1^2$
13557	462	516	$\frac{1}{12}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}$
13558	462	461	$\frac{38}{461}$	$\frac{43}{461}$	$\frac{141}{461}$	$\frac{160}{461}$	$\Phi_{461}\ \Phi_1^2$
13559	462	536	$\frac{4}{67}$	$\frac{1}{8}$	$\frac{21}{67}$	$\frac{23}{67}$	$\Phi_{536}\ \Phi_{268}\ \Phi_{134}$
13560	462	348	$\frac{1}{58}$	$\frac{19}{58}$	$\frac{1}{3}$	$\frac{39}{116}$	$\Phi_{348}^3\ \Phi_{174}\ \Phi_{87}\ \Phi_{12}^3\ \Phi_6$
13561	462	306	$\frac{1}{34}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}\ \Phi_{51}\ \Phi_{18}^2\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
13562	462	228	$\frac{1}{38}$	$\frac{1}{4}$	$\frac{37}{114}$	$\frac{1}{3}$	$\Phi_{228}^2\ \Phi_{114}\ \Phi_{76}^4\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13563	462	585	$\frac{2}{65}$	$\frac{2}{9}$	$\frac{21}{65}$	$\frac{1}{3}$	$\Phi_{585}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}\ \Phi_{13}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
13564	462	48	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{48}^{14}\ \Phi_{24}^{15}\ \Phi_{12}^{15}\ \Phi_6^{15}\ \Phi_3^{14}$
13565	462	87	$\frac{2}{29}$	$\frac{10}{87}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{87}^5\ \Phi_{29}^6\ \Phi_3^4\ \Phi_1^6$
13566	462	696	$\frac{19}{232}$	$\frac{23}{232}$	$\frac{71}{232}$	$\frac{1}{3}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
13567	462	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{60}^8\ \Phi_{30}^6\ \Phi_{20}^8\ \Phi_{15}^6\ \Phi_{12}^{10}\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^8\ \Phi_4^{10}\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
13568	462	696	$\frac{15}{232}$	$\frac{31}{232}$	$\frac{67}{232}$	$\frac{1}{3}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
13569	462	330	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{330}\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
13570	462	240	$\frac{3}{80}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
13571	462	912	$\frac{3}{76}$	$\frac{73}{304}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
13572	462	828	$\frac{1}{23}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{828}\ \Phi_{414}\ \Phi_{92}\ \Phi_{46}$
13573	462	1140	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}\ \Phi_6$
13574	462	228	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^4\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{12}^5\ \Phi_6^3\ \Phi_3^2$
13575	462	24	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{24}^{21}\ \Phi_{12}^{16}\ \Phi_8^{24}\ \Phi_6^{16}\ \Phi_4^{18}\ \Phi_3^{15}\ \Phi_2^{18}\ \Phi_1^{18}$
13576	462	315	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
13577	462	117	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{117}^5\ \Phi_{13}^5\ \Phi_9^6\ \Phi_1^6$
13578	462	252	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
13579	462	768	$\frac{25}{256}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
13580	462	300	$\frac{1}{12}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13581	462	120	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{120}^7\ \Phi_{60}^7\ \Phi_{30}^7\ \Phi_{24}\ \Phi_{15}^7\ \Phi_{12}\ \Phi_6$
13582	462	630	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
13583	462	615	$\frac{2}{41}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{13}{41}$	$\Phi_{615}\ \Phi_{123}\ \Phi_{41}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
13584	462	900	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{71}{225}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{180}\ \Phi_{90}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}$
13585	462	70	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{3}{10}$	$\Phi_{70}^6\ \Phi_{35}^6\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_7^7\ \Phi_5^8\ \Phi_2^{10}\ \Phi_1^{10}$
13586	462	756	$\frac{5}{36}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
13587	462	630	$\frac{1}{7}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
13588	462	60	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{60}^{10}\ \Phi_{30}^{10}\ \Phi_{20}^{11}\ \Phi_{12}^{10}\ \Phi_{10}^{11}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_2^{10}$
13589	462	615	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{615}\ \Phi_{123}\ \Phi_{41}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
13590	462	840	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}$
13591	462	100	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{100}$	$\frac{1}{4}$	$\Phi_{100}^4\ \Phi_{50}^4\ \Phi_{25}^6\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
13592	462	56	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{56}^9\ \Phi_{28}^6\ \Phi_{14}^8\ \Phi_8^{12}\ \Phi_7^7\ \Phi_4^8\ \Phi_2^{10}\ \Phi_1^{10}$
13593	462	100	$\frac{3}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{100}^6\ \Phi_{50}^6\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_4^6\ \Phi_2^6$
13594	462	180	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^4\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^4\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
13595	462	350	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{350}^2\ \Phi_{175}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
13596	462	672	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{112}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
13597	463	792	$\frac{1}{66}$	$\frac{67}{396}$	$\frac{329}{792}$	$\frac{65}{132}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
13598	463	912	$\frac{7}{456}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{449}{912}$	$\Phi_{912}\ \Phi_{304}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
13599	463	558	$\frac{2}{93}$	$\frac{95}{558}$	$\frac{1}{3}$	$\frac{91}{186}$	$\Phi_{558}\ \Phi_{279}\ \Phi_{93}\ \Phi_{31}\ \Phi_{18}\ \Phi_9\ \Phi_1$
13600	463	840	$\frac{1}{42}$	$\frac{43}{420}$	$\frac{377}{840}$	$\frac{41}{84}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
13601	463	900	$\frac{13}{450}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{437}{900}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{180}\ \Phi_{100}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
13602	463	900	$\frac{13}{450}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{437}{900}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{180}\ \Phi_{100}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
13603	463	624	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{161}{624}$	$\frac{151}{312}$	$\Phi_{624}\ \Phi_{208}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
13604	463	896	$\frac{15}{448}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{433}{896}$	$\Phi_{896}\ \Phi_{128}\ \Phi_{28}\ \Phi_4\ \Phi_1$
13605	463	880	$\frac{1}{22}$	$\frac{23}{440}$	$\frac{417}{880}$	$\frac{21}{44}$	$\Phi_{880}\ \Phi_{176}\ \Phi_{80}\ \Phi_{44}\ \Phi_{16}\ \Phi_4\ \Phi_1$
13606	463	660	$\frac{1}{22}$	$\frac{23}{220}$	$\frac{197}{660}$	$\frac{21}{44}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
13607	463	528	$\frac{1}{22}$	$\frac{65}{528}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
13608	463	672	$\frac{15}{224}$	$\frac{1}{14}$	$\frac{209}{672}$	$\frac{13}{28}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
13609	463	504	$\frac{1}{14}$	$\frac{41}{504}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
13610	463	560	$\frac{1}{14}$	$\frac{15}{112}$	$\frac{97}{560}$	$\frac{13}{28}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
13611	463	864	$\frac{31}{432}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{401}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
13612	463	480	$\frac{17}{480}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
13613	463	504	$\frac{41}{504}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
13614	463	684	$\frac{7}{228}$	$\frac{1}{6}$	$\frac{221}{684}$	$\frac{5}{12}$	$\Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
13615	463	480	$\frac{17}{480}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
13616	463	792	$\frac{1}{33}$	$\frac{67}{396}$	$\frac{32}{99}$	$\frac{329}{792}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
13617	463	780	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{73}{390}$	$\frac{317}{780}$	$\Phi_{780}\ \Phi_{260}\ \Phi_{156}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
13618	463	660	$\frac{1}{33}$	$\frac{32}{165}$	$\frac{197}{660}$	$\frac{133}{330}$	$\Phi_{660}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
13619	463	756	$\frac{1}{42}$	$\frac{85}{378}$	$\frac{41}{126}$	$\frac{293}{756}$	$\Phi_{756}\ \Phi_{252}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
13620	463	672	$\frac{1}{42}$	$\frac{41}{168}$	$\frac{209}{672}$	$\frac{127}{336}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
13621	463	744	$\frac{2}{93}$	$\frac{91}{372}$	$\frac{1}{3}$	$\frac{281}{744}$	$\Phi_{744}\ \Phi_{248}\ \Phi_{93}\ \Phi_{31}\ \Phi_{24}\ \Phi_8\ \Phi_1$
13622	463	594	$\frac{1}{33}$	$\frac{131}{594}$	$\frac{32}{99}$	$\frac{67}{198}$	$\Phi_{594}\ \Phi_{297}\ \Phi_{99}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
13623	463	675	$\frac{13}{225}$	$\frac{2}{15}$	$\frac{212}{675}$	$\frac{1}{3}$	$\Phi_{675}\ \Phi_{135}\ \Phi_{27}\ \Phi_{15}\ \Phi_5\ \Phi_1$
13624	463	495	$\frac{32}{495}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_5\ \Phi_1$
13625	463	600	$\frac{13}{150}$	$\frac{2}{15}$	$\frac{137}{600}$	$\frac{1}{3}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{120}\ \Phi_{100}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
13626	463	525	$\frac{62}{525}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{525}\ \Phi_{175}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_1$
13627	463	540	$\frac{2}{15}$	$\frac{77}{540}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
13628	463	540	$\frac{5}{36}$	$\frac{77}{540}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
13629	463	648	$\frac{5}{36}$	$\frac{31}{216}$	$\frac{1}{6}$	$\frac{185}{648}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
13630	463	540	$\frac{77}{540}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
13631	463	576	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{113}{576}$	$\frac{31}{144}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
13632	464	345	$\frac{1}{115}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{57}{115}$	$\Phi_{345}\ \Phi_{115}^2\ \Phi_{69}\ \Phi_{23}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
13633	464	463	$\frac{5}{463}$	$\frac{117}{463}$	$\frac{173}{463}$	$\frac{229}{463}$	$\Phi_{463}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
13634	464	699	$\frac{3}{233}$	$\frac{59}{233}$	$\frac{1}{3}$	$\frac{115}{233}$	Φ_{699}
13635	464	399	$\frac{1}{57}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{28}{57}$	$\Phi_{399}\ \Phi_{133}\ \Phi_{57}^2\ \Phi_{21}\ \Phi_{19}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
13636	464	285	$\frac{1}{57}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{28}{57}$	$\Phi_{285}^2\ \Phi_{95}^2\ \Phi_{15}^3\ \Phi_5^2$
13637	464	463	$\frac{9}{463}$	$\frac{59}{463}$	$\frac{202}{463}$	$\frac{227}{463}$	$\Phi_{463}\ \Phi_1^2$
13638	464	195	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{10}{39}$	$\frac{19}{39}$	$\Phi_{195}^3\ \Phi_{65}^3\ \Phi_{15}^3\ \Phi_5^2$
13639	464	463	$\frac{13}{463}$	$\frac{86}{463}$	$\frac{119}{463}$	$\frac{225}{463}$	$\Phi_{463}\ \Phi_1^2$
13640	464	699	$\frac{7}{233}$	$\frac{30}{233}$	$\frac{1}{3}$	$\frac{113}{233}$	Φ_{699}
13641	464	840	$\frac{1}{28}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{27}{56}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
13642	464	504	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{504}^2\ \Phi_{168}\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{24}\ \Phi_9^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
13643	464	280	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{27}{56}$	$\Phi_{280}^3\ \Phi_{56}^4\ \Phi_{40}^3\ \Phi_8^4\ \Phi_5^3\ \Phi_1^4$
13644	464	210	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{7}{15}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^3\ \Phi_5^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
13645	464	480	$\frac{1}{15}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
13646	464	105	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{7}{15}$	$\Phi_{105}^4\ \Phi_{35}^5\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_7^4\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
13647	464	918	$\frac{1}{17}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{918}\ \Phi_{306}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
13648	464	270	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{25}{54}$	$\Phi_{270}^4\ \Phi_{90}^4\ \Phi_{45}\ \Phi_{30}^4\ \Phi_{15}\ \Phi_{10}^4$
13649	464	65	$\frac{1}{13}$	$\frac{7}{65}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{65}^7\ \Phi_{13}^8\ \Phi_5^6\ \Phi_1^8$
13650	464	680	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{680}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{34}$
13651	464	315	$\frac{5}{63}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{15}$
13652	464	260	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{5}$	$\frac{23}{52}$	$\Phi_{260}^4\ \Phi_{65}\ \Phi_{20}^4$
13653	464	210	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{21}\ \Phi_{15}^4\ \Phi_{14}^2\ \Phi_{10}^4\ \Phi_7^2\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
13654	464	266	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{9}{38}$	$\frac{3}{7}$	$\Phi_{266}^2\ \Phi_{133}\ \Phi_{38}^4\ \Phi_{19}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
13655	464	850	$\frac{1}{17}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{850}\ \Phi_{170}\ \Phi_{85}\ \Phi_{34}$
13656	464	612	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
13657	464	510	$\frac{1}{30}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{51}\ \Phi_{34}$
13658	464	816	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{816}\ \Phi_{272}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
13659	464	463	$\frac{11}{463}$	$\frac{113}{463}$	$\frac{144}{463}$	$\frac{175}{463}$	$\Phi_{463}\ \Phi_1^2$
13660	464	699	$\frac{5}{233}$	$\frac{57}{233}$	$\frac{1}{3}$	$\frac{88}{233}$	Φ_{699}
13661	464	177	$\frac{1}{59}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{177}^3\ \Phi_{59}^2$
13662	464	345	$\frac{3}{115}$	$\frac{28}{115}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{345}\ \Phi_{115}^2\ \Phi_{69}\ \Phi_{23}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
13663	464	30	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{30}^{16}\ \Phi_{15}^{15}\ \Phi_{10}^{16}\ \Phi_6^{16}\ \Phi_5^{14}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{16}$
13664	464	69	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{69}^7\ \Phi_{23}^6\ \Phi_3^8\ \Phi_1^8$
13665	464	855	$\frac{2}{57}$	$\frac{1}{5}$	$\frac{55}{171}$	$\frac{1}{3}$	$\Phi_{855}\ \Phi_{45}\ \Phi_{15}$
13666	464	126	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{126}^4\ \Phi_{63}^4\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_9^6\ \Phi_7^2\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
13667	464	288	$\frac{3}{32}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}\ \Phi_{72}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
13668	464	570	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{9}{38}$	$\frac{1}{3}$	$\Phi_{570}^2\ \Phi_{285}\ \Phi_{30}^2\ \Phi_{15}^2$
13669	464	612	$\frac{1}{17}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
13670	464	315	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{105}\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
13671	464	210	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{42}^4\ \Phi_{30}^3\ \Phi_{21}^4\ \Phi_{15}^3\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
13672	464	135	$\frac{1}{9}$	$\frac{19}{135}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{135}^3\ \Phi_{45}^4\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
13673	464	405	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{5}$	$\frac{23}{81}$	$\Phi_{405}^2\ \Phi_{45}\ \Phi_{15}$
13674	464	195	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{3}{13}$	$\frac{10}{39}$	$\Phi_{195}^4\ \Phi_{65}\ \Phi_{15}^4$
13675	464	160	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{160}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{32}^4\ \Phi_{16}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_1^4$
13676	464	180	$\frac{1}{9}$	$\frac{7}{36}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{10}^4$
13677	464	35	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{35}^{13}\ \Phi_7^{12}\ \Phi_5^{16}\ \Phi_1^{16}$
13678	465	184	$\frac{1}{92}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{91}{184}$	$\Phi_{184}\ \Phi_{92}^4\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
13679	465	612	$\frac{2}{153}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{151}{306}$	$\Phi_{612}\ \Phi_{204}\ \Phi_{153}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
13680	465	208	$\frac{1}{52}$	$\frac{1}{4}$	$\frac{53}{208}$	$\frac{51}{104}$	$\Phi_{208}^3\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{16}^3\ \Phi_{13}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
13681	465	304	$\frac{3}{152}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{149}{304}$	$\Phi_{304}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
13682	465	420	$\frac{1}{30}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{29}{60}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
13683	465	420	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{29}{60}$	$\Phi_{420}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{60}^3\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
13684	465	60	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{60}^5\ \Phi_{30}^{10}\ \Phi_{20}^5\ \Phi_{15}^{10}\ \Phi_{12}^7\ \Phi_{10}^{10}\ \Phi_6^{11}\ \Phi_5^{10}\ \Phi_4^6\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
13685	465	896	$\frac{17}{448}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{431}{896}$	$\Phi_{896}\ \Phi_{128}\ \Phi_{32}\ \Phi_1$
13686	465	104	$\frac{3}{52}$	$\frac{11}{104}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{104}^4\ \Phi_{52}^5\ \Phi_{26}^5\ \Phi_{13}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
13687	465	224	$\frac{1}{16}$	$\frac{17}{224}$	$\frac{69}{224}$	$\frac{15}{32}$	$\Phi_{224}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
13688	465	512	$\frac{1}{16}$	$\frac{47}{512}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{32}\ \Phi_1$
13689	465	58	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{13}{58}$	$\frac{27}{58}$	$\Phi_{58}^6\ \Phi_{29}^{10}\ \Phi_2^6\ \Phi_1^{11}$
13690	465	924	$\frac{2}{33}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{132}\ \Phi_{44}\ \Phi_{33}\ \Phi_{28}\ \Phi_{11}\ \Phi_4\ \Phi_1$
13691	465	1260	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{14}{45}$	$\frac{13}{28}$	$\Phi_{1260}\ \Phi_{252}\ \Phi_{180}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_9\ \Phi_4\ \Phi_1$
13692	465	280	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{13}{28}$	$\Phi_{280}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
13693	465	140	$\frac{1}{14}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{140}^6\ \Phi_{35}\ \Phi_{28}^7\ \Phi_{20}^6\ \Phi_7\ \Phi_4^7\ \Phi_1$
13694	465	252	$\frac{1}{14}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{12}\ \Phi_9^3\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
13695	465	288	$\frac{1}{16}$	$\frac{11}{144}$	$\frac{5}{16}$	$\frac{133}{288}$	$\Phi_{288}^3\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
13696	465	288	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{133}{288}$	$\Phi_{288}^3\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
13697	465	168	$\frac{13}{168}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
13698	465	572	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{4}$	$\frac{131}{286}$	$\Phi_{572}\ \Phi_{143}\ \Phi_{52}^2\ \Phi_{44}\ \Phi_{26}\ \Phi_{13}\ \Phi_{11}\ \Phi_4\ \Phi_1$
13699	465	128	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{35}{128}$	$\frac{29}{64}$	$\Phi_{128}^5\ \Phi_{32}^5\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
13700	465	112	$\frac{1}{16}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{112}^4\ \Phi_{56}^3\ \Phi_{28}^4\ \Phi_{16}^7\ \Phi_{14}^4\ \Phi_8^6\ \Phi_7^4\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
13701	465	832	$\frac{3}{52}$	$\frac{49}{416}$	$\frac{1}{4}$	$\frac{367}{832}$	$\Phi_{832}\ \Phi_{64}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
13702	465	192	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{37}{192}$	$\frac{27}{64}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
13703	465	160	$\frac{1}{16}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{67}{160}$	$\Phi_{160}^5\ \Phi_{32}^5\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
13704	465	52	$\frac{1}{26}$	$\frac{5}{26}$	$\frac{1}{4}$	$\frac{21}{52}$	$\Phi_{52}^7\ \Phi_{26}^{11}\ \Phi_{13}^{11}\ \Phi_4^6\ \Phi_2^{10}\ \Phi_1^{11}$
13705	465	256	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{27}{128}$	$\frac{101}{256}$	$\Phi_{256}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
13706	465	184	$\frac{1}{46}$	$\frac{1}{4}$	$\frac{15}{46}$	$\frac{3}{8}$	$\Phi_{184}^4\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_8^5\ \Phi_2^2\ \Phi_1^3$
13707	465	32	$\frac{1}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{32}^{15}\ \Phi_{16}^{15}\ \Phi_8^{12}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
13708	465	920	$\frac{1}{23}$	$\frac{22}{115}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{920}\ \Phi_{115}\ \Phi_{40}\ \Phi_8\ \Phi_5\ \Phi_1$
13709	465	48	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{48}^7\ \Phi_{24}^8\ \Phi_{16}^{14}\ \Phi_{12}^8\ \Phi_8^{14}\ \Phi_6^8\ \Phi_4^{14}\ \Phi_3^8\ \Phi_2^{14}\ \Phi_1^{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
13710	465	468	$\frac{1}{39}$	$\frac{1}{4}$	$\frac{38}{117}$	$\frac{79}{234}$	$\Phi_{468}\ \Phi_{156}^2\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
13711	465	232	$\frac{1}{58}$	$\frac{19}{58}$	$\frac{77}{232}$	$\frac{39}{116}$	$\Phi_{232}^3\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_8^3\ \Phi_2^2\ \Phi_1^3$
13712	465	231	$\frac{2}{33}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{231}^2\ \Phi_{77}^2\ \Phi_{33}^3\ \Phi_{11}^3\ \Phi_7^2\ \Phi_1^3$
13713	465	204	$\frac{2}{51}$	$\frac{49}{204}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^3\ \Phi_{34}^2\ \Phi_{17}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
13714	465	324	$\frac{7}{162}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{324}^2\ \Phi_{162}\ \Phi_{108}^2\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
13715	465	132	$\frac{2}{33}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^5\ \Phi_{66}^2\ \Phi_{44}^5\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
13716	465	228	$\frac{3}{76}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{73}{228}$	$\Phi_{228}^3\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
13717	465	192	$\frac{1}{16}$	$\frac{37}{192}$	$\frac{11}{48}$	$\frac{5}{16}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
13718	465	315	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{14}{45}$	$\Phi_{315}^2\ \Phi_{63}^2\ \Phi_{45}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_1^3$
13719	465	180	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{180}^5\ \Phi_{90}^2\ \Phi_{45}^3\ \Phi_{36}^5\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
13720	465	36	$\frac{1}{12}$	$\frac{5}{36}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{36}^{12}\ \Phi_{18}^{12}\ \Phi_{12}^{15}\ \Phi_9^{12}\ \Phi_6^{15}\ \Phi_4^{14}\ \Phi_3^{15}\ \Phi_2^{14}\ \Phi_1^{15}$
13721	465	280	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{40}$	$\frac{2}{7}$	$\Phi_{280}^2\ \Phi_{140}^2\ \Phi_{56}^2\ \Phi_{40}^3\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
13722	465	35	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{35}^{13}\ \Phi_7^{15}\ \Phi_5^{12}\ \Phi_1^{15}$
13723	465	252	$\frac{5}{36}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
13724	465	216	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{4}$	$\frac{61}{216}$	$\Phi_{216}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
13725	465	208	$\frac{3}{52}$	$\frac{49}{208}$	$\frac{1}{4}$	$\frac{53}{208}$	$\Phi_{208}^2\ \Phi_{104}^2\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{16}^2\ \Phi_{13}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
13726	465	192	$\frac{1}{12}$	$\frac{37}{192}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
13727	465	120	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{120}^6\ \Phi_{60}^2\ \Phi_{40}^3\ \Phi_{30}^4\ \Phi_{24}^6\ \Phi_{20}\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_8^3\ \Phi_6^5\ \Phi_5^2\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
13728	465	420	$\frac{4}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^2\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
13729	465	36	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{36}^{15}\ \Phi_{18}^{15}\ \Phi_{12}^7\ \Phi_9^{15}\ \Phi_6^{11}\ \Phi_4^6\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
13730	466	462	$\frac{2}{231}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{229}{462}$	$\Phi_{462}^2\ \Phi_{154}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13731	466	372	$\frac{1}{93}$	$\frac{47}{186}$	$\frac{139}{372}$	$\frac{46}{93}$	$\Phi_{372}^2\ \Phi_{124}^2\ \Phi_{93}\ \Phi_{31}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
13732	466	312	$\frac{1}{78}$	$\frac{79}{312}$	$\frac{1}{3}$	$\frac{77}{156}$	$\Phi_{312}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{13}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13733	466	460	$\frac{3}{230}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{227}{460}$	$\Phi_{460}^2\ \Phi_{92}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
13734	466	459	$\frac{7}{459}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{226}{459}$	$\Phi_{459}\ \Phi_{153}\ \Phi_{51}\ \Phi_{27}\ \Phi_{17}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
13735	466	456	$\frac{5}{228}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{223}{456}$	$\Phi_{456}^2\ \Phi_{152}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13736	466	434	$\frac{1}{31}$	$\frac{16}{217}$	$\frac{201}{434}$	$\frac{15}{31}$	$\Phi_{434}^2\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{14}^2\ \Phi_2^2\ \Phi_1^2$
13737	466	450	$\frac{8}{225}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{217}{450}$	$\Phi_{450}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13738	466	450	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{217}{450}$	$\Phi_{450}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13739	466	780	$\frac{1}{26}$	$\frac{27}{260}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{78}\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
13740	466	1326	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{209}{442}$	$\Phi_{1326}\ \Phi_{102}\ \Phi_{78}\ \Phi_{39}\ \Phi_6$
13741	466	252	$\frac{1}{18}$	$\frac{19}{252}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13742	466	300	$\frac{1}{15}$	$\frac{8}{75}$	$\frac{67}{300}$	$\frac{7}{15}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13743	466	270	$\frac{1}{15}$	$\frac{37}{270}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13744	466	432	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{1}{3}$	$\frac{199}{432}$	$\Phi_{432}^2\ \Phi_{144}^2\ \Phi_{48}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13745	466	429	$\frac{2}{39}$	$\frac{37}{429}$	$\frac{1}{3}$	$\frac{196}{429}$	$\Phi_{429}\ \Phi_{143}\ \Phi_{39}^2\ \Phi_{33}\ \Phi_{13}^2\ \Phi_{11}\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
13746	466	420	$\frac{1}{15}$	$\frac{23}{210}$	$\frac{7}{30}$	$\frac{187}{420}$	$\Phi_{420}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13747	466	1248	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{1}{3}$	$\frac{183}{416}$	$\Phi_{1248}\ \Phi_{96}\ \Phi_{78}\ \Phi_{39}\ \Phi_6$
13748	466	240	$\frac{7}{240}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13749	466	390	$\frac{1}{39}$	$\frac{38}{195}$	$\frac{1}{3}$	$\frac{157}{390}$	$\Phi_{390}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13750	466	345	$\frac{3}{115}$	$\frac{1}{5}$	$\frac{112}{345}$	$\frac{2}{5}$	$\Phi_{345}^2\ \Phi_{69}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
13751	466	240	$\frac{7}{240}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
13752	466	372	$\frac{1}{31}$	$\frac{15}{62}$	$\frac{47}{186}$	$\frac{139}{372}$	$\Phi_{372}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
13753	466	360	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{53}{180}$	$\frac{127}{360}$	$\Phi_{360}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13754	466	351	$\frac{2}{117}$	$\frac{115}{351}$	$\frac{1}{3}$	$\frac{118}{351}$	$\Phi_{351}\ \Phi_{117}^2\ \Phi_{39}^2\ \Phi_{27}\ \Phi_{13}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
13755	466	264	$\frac{2}{33}$	$\frac{31}{264}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13756	466	252	$\frac{19}{252}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13757	466	342	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{109}{342}$	$\frac{1}{3}$	$\Phi_{342}^2\ \Phi_{171}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13758	466	270	$\frac{1}{18}$	$\frac{37}{270}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13759	466	324	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{91}{324}$	$\frac{1}{3}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13760	466	243	$\frac{10}{243}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{243}^2\ \Phi_{81}^2\ \Phi_{27}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
13761	466	312	$\frac{1}{26}$	$\frac{25}{104}$	$\frac{79}{312}$	$\frac{1}{3}$	$\Phi_{312}\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{13}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13762	466	306	$\frac{7}{153}$	$\frac{2}{9}$	$\frac{73}{306}$	$\frac{1}{3}$	$\Phi_{306}^2\ \Phi_{153}\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13763	466	288	$\frac{1}{18}$	$\frac{55}{288}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13764	466	270	$\frac{1}{9}$	$\frac{37}{270}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13765	468	696	$\frac{1}{116}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{115}{232}$	$\Phi_{696}\ \Phi_{232}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
13766	468	385	$\frac{1}{77}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{38}{77}$	$\Phi_{385}\ \Phi_{77}^2\ \Phi_{55}\ \Phi_{35}\ \Phi_{11}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
13767	468	924	$\frac{1}{77}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{38}{77}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_6^2$
13768	468	467	$\frac{7}{467}$	$\frac{79}{467}$	$\frac{194}{467}$	$\frac{230}{467}$	$\Phi_{467}\ \Phi_1^2$
13769	468	690	$\frac{2}{115}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{113}{230}$	$\Phi_{690}^2\ \Phi_{138}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
13770	468	628	$\frac{3}{157}$	$\frac{1}{4}$	$\frac{40}{157}$	$\frac{77}{157}$	$\Phi_{628}\ \Phi_{314}$
13771	468	467	$\frac{9}{467}$	$\frac{116}{467}$	$\frac{119}{467}$	$\frac{229}{467}$	$\Phi_{467}\ \Phi_1^2$
13772	468	816	$\frac{1}{51}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{25}{51}$	$\Phi_{816}\ \Phi_{272}\ \Phi_{51}\ \Phi_{48}\ \Phi_{17}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
13773	468	204	$\frac{1}{51}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{25}{51}$	$\Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^3\ \Phi_{34}^2\ \Phi_{17}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
13774	468	141	$\frac{1}{47}$	$\frac{8}{47}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{141}^5\ \Phi_3^4$
13775	468	836	$\frac{1}{38}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{37}{76}$	$\Phi_{836}\ \Phi_{76}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
13776	468	1596	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{1596}\ \Phi_{84}\ \Phi_{21}$
13777	468	836	$\frac{1}{38}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{37}{76}$	$\Phi_{836}\ \Phi_{76}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
13778	468	380	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{37}{76}$	$\Phi_{380}\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
13779	468	467	$\frac{13}{467}$	$\frac{80}{467}$	$\frac{129}{467}$	$\frac{227}{467}$	$\Phi_{467}\ \Phi_1^2$
13780	468	840	$\frac{1}{35}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{17}{35}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
13781	468	105	$\frac{1}{35}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{105}^4\ \Phi_{35}^5\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_7^5\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
13782	468	630	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{17}{35}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
13783	468	560	$\frac{1}{35}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
13784	468	628	$\frac{5}{157}$	$\frac{27}{157}$	$\frac{1}{4}$	$\frac{76}{157}$	$\Phi_{628}\ \Phi_{314}$
13785	468	425	$\frac{1}{25}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{12}{25}$	$\Phi_{425}\ \Phi_{85}\ \Phi_{25}^2\ \Phi_{17}^2\ \Phi_5^2\ \Phi_1^4$
13786	468	150	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{150}^5\ \Phi_{75}^4\ \Phi_{30}^6\ \Phi_{15}^5\ \Phi_6^6\ \Phi_3^4$
13787	468	425	$\frac{1}{25}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{12}{25}$	$\Phi_{425}\ \Phi_{85}\ \Phi_{25}^2\ \Phi_{17}^2\ \Phi_5^2\ \Phi_1^4$
13788	468	700	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{700}\ \Phi_{350}\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}^2\ \Phi_{14}^2$
13789	468	467	$\frac{19}{467}$	$\frac{27}{467}$	$\frac{220}{467}$	$\frac{224}{467}$	$\Phi_{467}\ \Phi_1^2$
13790	468	467	$\frac{25}{467}$	$\frac{41}{467}$	$\frac{142}{467}$	$\frac{221}{467}$	$\Phi_{467}\ \Phi_1^2$
13791	468	530	$\frac{3}{53}$	$\frac{1}{10}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{530}\ \Phi_{265}\ \Phi_{106}$
13792	468	714	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{714}\ \Phi_{357}\ \Phi_{102}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
13793	468	255	$\frac{1}{17}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{255}^2\ \Phi_{85}\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_{15}^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
13794	468	553	$\frac{5}{79}$	$\frac{1}{7}$	$\frac{14}{79}$	$\frac{37}{79}$	Φ_{553}
13795	468	467	$\frac{31}{467}$	$\frac{64}{467}$	$\frac{83}{467}$	$\frac{218}{467}$	$\Phi_{467}\ \Phi_1^2$
13796	468	628	$\frac{11}{157}$	$\frac{14}{157}$	$\frac{1}{4}$	$\frac{73}{157}$	$\Phi_{628}\ \Phi_{314}$
13797	468	467	$\frac{33}{467}$	$\frac{38}{467}$	$\frac{125}{467}$	$\frac{217}{467}$	$\Phi_{467}\ \Phi_1^2$
13798	468	705	$\frac{14}{235}$	$\frac{17}{235}$	$\frac{1}{3}$	$\frac{109}{235}$	$\Phi_{705}\ \Phi_{141}\ \Phi_{15}$
13799	468	518	$\frac{1}{14}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{518}\ \Phi_{259}\ \Phi_{74}$
13800	468	456	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{456}^2\ \Phi_{152}^2\ \Phi_{57}$
13801	468	840	$\frac{2}{35}$	$\frac{1}{12}$	$\frac{11}{35}$	$\frac{11}{24}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
13802	468	312	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{312}^3\ \Phi_{104}^3\ \Phi_{52}\ \Phi_{26}$
13803	468	840	$\frac{1}{12}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{11}{24}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
13804	468	120	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{120}^7\ \Phi_{40}^7\ \Phi_{24}^8\ \Phi_{10}^4\ \Phi_8^8\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
13805	468	168	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{168}^5\ \Phi_{56}^5\ \Phi_{24}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_1^6$
13806	468	209	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{6}{19}$	$\frac{5}{11}$	$\Phi_{209}^2\ \Phi_{19}^4\ \Phi_{11}^3\ \Phi_1^6$
13807	468	308	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{308}^2\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}^4\ \Phi_{14}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
13808	468	467	$\frac{26}{467}$	$\frac{49}{467}$	$\frac{129}{467}$	$\frac{209}{467}$	$\Phi_{467}\ \Phi_1^2$
13809	468	141	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{1}{3}$	$\frac{21}{47}$	$\Phi_{141}^5\ \Phi_3^4$
13810	468	342	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{342}^2\ \Phi_{171}\ \Phi_{114}^2\ \Phi_{57}\ \Phi_{38}^2$
13811	468	467	$\frac{20}{467}$	$\frac{53}{467}$	$\frac{149}{467}$	$\frac{207}{467}$	$\Phi_{467}\ \Phi_1^2$
13812	468	910	$\frac{1}{13}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{910}\ \Phi_{182}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
13813	468	432	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{432}^2\ \Phi_{144}^2\ \Phi_{48}\ \Phi_{27}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
13814	468	272	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{4}{17}$	$\frac{7}{16}$	$\Phi_{272}^3\ \Phi_{17}^3\ \Phi_{16}^4\ \Phi_1^4$
13815	468	560	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{560}^2\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
13816	468	208	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{208}^2\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{13}^2$
13817	468	518	$\frac{1}{14}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{518}\ \Phi_{259}\ \Phi_{74}$
13818	468	467	$\frac{29}{467}$	$\frac{73}{467}$	$\frac{90}{467}$	$\frac{197}{467}$	$\Phi_{467}\ \Phi_1^2$
13819	468	628	$\frac{7}{157}$	$\frac{25}{157}$	$\frac{1}{4}$	$\frac{66}{157}$	$\Phi_{628}\ \Phi_{314}$
13820	468	120	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{30}^6\ \Phi_{24}^6\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
13821	468	385	$\frac{2}{77}$	$\frac{1}{5}$	$\frac{25}{77}$	$\frac{2}{5}$	$\Phi_{385}\ \Phi_{77}^2\ \Phi_{55}\ \Phi_{35}\ \Phi_{11}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
13822	468	540	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{108}^2\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
13823	468	385	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{385}\ \Phi_{77}^2\ \Phi_{55}\ \Phi_{35}\ \Phi_{11}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
13824	468	70	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{70}^6\ \Phi_{35}^5\ \Phi_{14}^{12}\ \Phi_{10}^6\ \Phi_7^{10}\ \Phi_5^6\ \Phi_2^{12}\ \Phi_1^{12}$
13825	468	220	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{220}^2\ \Phi_{110}^2\ \Phi_{55}\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{20}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
13826	468	832	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{832}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
13827	468	467	$\frac{11}{467}$	$\frac{105}{467}$	$\frac{152}{467}$	$\frac{181}{467}$	$\Phi_{467}\ \Phi_1^2$
13828	468	520	$\frac{1}{40}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
13829	468	564	$\frac{1}{47}$	$\frac{23}{94}$	$\frac{1}{3}$	$\frac{71}{188}$	$\Phi_{564}^2\ \Phi_{141}\ \Phi_{12}^2$
13830	468	513	$\frac{1}{27}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{513}\ \Phi_{171}\ \Phi_{57}$
13831	468	467	$\frac{23}{467}$	$\frac{74}{467}$	$\frac{131}{467}$	$\frac{168}{467}$	$\Phi_{467}\ \Phi_1^2$
13832	468	518	$\frac{1}{14}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{518}\ \Phi_{259}\ \Phi_{74}$
13833	468	260	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{260}^3\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}^3\ \Phi_{26}$
13834	468	467	$\frac{32}{467}$	$\frac{51}{467}$	$\frac{145}{467}$	$\frac{161}{467}$	$\Phi_{467}\ \Phi_1^2$
13835	468	553	$\frac{4}{79}$	$\frac{1}{7}$	$\frac{25}{79}$	$\frac{27}{79}$	Φ_{553}
13836	468	467	$\frac{14}{467}$	$\frac{103}{467}$	$\frac{151}{467}$	$\frac{158}{467}$	$\Phi_{467}\ \Phi_1^2$
13837	468	628	$\frac{4}{157}$	$\frac{1}{4}$	$\frac{51}{157}$	$\frac{53}{157}$	$\Phi_{628}\ \Phi_{314}$
13838	468	467	$\frac{8}{467}$	$\frac{153}{467}$	$\frac{155}{467}$	$\frac{157}{467}$	$\Phi_{467}\ \Phi_1^2$
13839	468	705	$\frac{4}{235}$	$\frac{77}{235}$	$\frac{1}{3}$	$\frac{79}{235}$	$\Phi_{705}\ \Phi_{141}\ \Phi_{15}$
13840	468	174	$\frac{1}{58}$	$\frac{19}{58}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{174}^2\ \Phi_{87}^2\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
13841	468	120	$\frac{1}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{40}^6\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^6\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^6\ \Phi_8^6\ \Phi_6^2\ \Phi_5^6\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
13842	468	435	$\frac{1}{29}$	$\frac{28}{145}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{435}\ \Phi_{145}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
13843	468	285	$\frac{1}{19}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{285}^2\ \Phi_{95}^2\ \Phi_{57}$
13844	468	87	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{87}^4\ \Phi_{29}^8\ \Phi_3^5\ \Phi_1^{10}$
13845	468	210	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^4\ \Phi_{42}\ \Phi_{35}^4\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
13846	468	924	$\frac{2}{77}$	$\frac{1}{4}$	$\frac{25}{77}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_6^2$
13847	468	705	$\frac{7}{235}$	$\frac{53}{235}$	$\frac{76}{235}$	$\frac{1}{3}$	$\Phi_{705}\ \Phi_{141}\ \Phi_{15}$
13848	468	345	$\frac{4}{115}$	$\frac{1}{5}$	$\frac{37}{115}$	$\frac{1}{3}$	$\Phi_{345}^2\ \Phi_{69}^2\ \Phi_{15}^3\ \Phi_3^2$
13849	468	399	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{399}^2\ \Phi_{21}^3$
13850	468	105	$\frac{2}{35}$	$\frac{2}{15}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{105}^4\ \Phi_{35}^5\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_7^5\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
13851	468	705	$\frac{16}{235}$	$\frac{27}{235}$	$\frac{73}{235}$	$\frac{1}{3}$	$\Phi_{705}\ \Phi_{141}\ \Phi_{15}$
13852	468	714	$\frac{1}{14}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{714}\ \Phi_{357}\ \Phi_{102}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
13853	468	705	$\frac{13}{235}$	$\frac{37}{235}$	$\frac{66}{235}$	$\frac{1}{3}$	$\Phi_{705}\ \Phi_{141}\ \Phi_{15}$
13854	468	342	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{342}^2\ \Phi_{171}^2\ \Phi_{57}$
13855	468	108	$\frac{1}{27}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{108}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^6\ \Phi_{18}^4\ \Phi_{12}^2\ \Phi_9^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
13856	468	912	$\frac{1}{19}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{57}$
13857	468	924	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_6^2$
13858	468	84	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^{11}\ \Phi_{42}^5\ \Phi_{21}^6\ \Phi_{12}^{12}\ \Phi_6^6\ \Phi_3^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
13859	468	780	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{130}\ \Phi_{52}\ \Phi_{26}$
13860	468	132	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^5\ \Phi_{66}^5\ \Phi_{33}^6\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^6$
13861	468	105	$\frac{3}{35}$	$\frac{2}{15}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{105}^4\ \Phi_{35}^5\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_7^5\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
13862	468	30	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{30}^{16}\ \Phi_{15}^{13}\ \Phi_{10}^{20}\ \Phi_6^{16}\ \Phi_5^{16}\ \Phi_3^{12}\ \Phi_2^{20}\ \Phi_1^{16}$
13863	468	141	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{8}{47}$	$\frac{1}{3}$	$\Phi_{141}^5\ \Phi_3^4$
13864	468	105	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{105}^5\ \Phi_{35}^5\ \Phi_{15}^6\ \Phi_7^5\ \Phi_5^6\ \Phi_1^6$
13865	468	209	$\frac{1}{19}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{6}{19}$	$\Phi_{209}^2\ \Phi_{19}^4\ \Phi_{11}^3\ \Phi_1^6$
13866	468	380	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{380}^2\ \Phi_{190}^2\ \Phi_{20}^3\ \Phi_{10}^3$
13867	468	467	$\frac{26}{467}$	$\frac{80}{467}$	$\frac{129}{467}$	$\frac{147}{467}$	$\Phi_{467}\ \Phi_1^2$
13868	468	630	$\frac{2}{35}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{11}{35}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
13869	468	560	$\frac{2}{35}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{11}{35}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
13870	468	590	$\frac{7}{118}$	$\frac{1}{5}$	$\frac{27}{118}$	$\frac{37}{118}$	$\Phi_{590}\ \Phi_{295}\ \Phi_{10}$
13871	468	467	$\frac{29}{467}$	$\frac{90}{467}$	$\frac{107}{467}$	$\frac{146}{467}$	$\Phi_{467}\ \Phi_1^2$
13872	468	628	$\frac{10}{157}$	$\frac{27}{157}$	$\frac{1}{4}$	$\frac{49}{157}$	$\Phi_{628}\ \Phi_{314}$
13873	468	255	$\frac{2}{17}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{255}^2\ \Phi_{85}\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_{15}^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
13874	468	468	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{468}^2\ \Phi_{234}\ \Phi_{117}\ \Phi_{52}\ \Phi_{26}$
13875	468	630	$\frac{3}{35}$	$\frac{1}{6}$	$\frac{8}{35}$	$\frac{5}{18}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
13876	468	90	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{90}^7\ \Phi_{45}^7\ \Phi_{18}^8\ \Phi_{10}^4\ \Phi_9^8\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
13877	468	126	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{126}^5\ \Phi_{63}^5\ \Phi_{18}^6\ \Phi_9^6\ \Phi_7^5\ \Phi_1^6$
13878	468	308	$\frac{1}{14}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{308}^2\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}^4\ \Phi_{14}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
13879	468	518	$\frac{1}{14}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{518}\ \Phi_{259}\ \Phi_{74}$
13880	468	467	$\frac{27}{467}$	$\frac{110}{467}$	$\frac{116}{467}$	$\frac{119}{467}$	$\Phi_{467}\ \Phi_1^2$
13881	468	628	$\frac{9}{157}$	$\frac{37}{157}$	$\frac{1}{4}$	$\frac{40}{157}$	$\Phi_{628}\ \Phi_{314}$
13882	468	68	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{68}^6\ \Phi_{34}^6\ \Phi_{17}^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{12}$
13883	468	140	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^4\ \Phi_{70}^5\ \Phi_{35}^5\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
13884	468	208	$\frac{1}{13}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{208}^3\ \Phi_{104}^3\ \Phi_{52}\ \Phi_{26}$
13885	468	560	$\frac{3}{35}$	$\frac{3}{16}$	$\frac{8}{35}$	$\frac{1}{4}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
13886	468	80	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{80}^7\ \Phi_{40}^7\ \Phi_{16}^8\ \Phi_{10}^4\ \Phi_8^8\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
13887	468	420	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{14}^2$
13888	468	112	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{112}^5\ \Phi_{56}^5\ \Phi_{16}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_1^6$
13889	469	928	$\frac{5}{464}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{459}{928}$	$\Phi_{928}\ \Phi_{32}\ \Phi_8\ \Phi_1$
13890	469	132	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{65}{132}$	$\Phi_{132}\ \Phi_{66}^6\ \Phi_{44}\ \Phi_{33}^6\ \Phi_{22}^6\ \Phi_{12}^2\ \Phi_{11}^6\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
13891	469	396	$\frac{1}{66}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{65}{132}$	$\Phi_{396}^3\ \Phi_{132}\ \Phi_{44}\ \Phi_{36}^3\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
13892	469	832	$\frac{1}{52}$	$\frac{53}{416}$	$\frac{363}{832}$	$\frac{51}{104}$	$\Phi_{832}\ \Phi_{104}\ \Phi_{64}\ \Phi_8\ \Phi_1$
13893	469	624	$\frac{1}{52}$	$\frac{155}{624}$	$\frac{53}{208}$	$\frac{51}{104}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
13894	469	864	$\frac{1}{36}$	$\frac{37}{432}$	$\frac{395}{864}$	$\frac{35}{72}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{72}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
13895	469	648	$\frac{1}{36}$	$\frac{37}{216}$	$\frac{179}{648}$	$\frac{35}{72}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{24}\ \Phi_8\ \Phi_1$
13896	469	576	$\frac{1}{36}$	$\frac{107}{576}$	$\frac{37}{144}$	$\frac{35}{72}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
13897	469	912	$\frac{13}{456}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{443}{912}$	$\Phi_{912}\ \Phi_{304}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
13898	469	128	$\frac{3}{64}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{128}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
13899	469	864	$\frac{1}{18}$	$\frac{37}{432}$	$\frac{17}{54}$	$\frac{395}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_1$
13900	469	864	$\frac{1}{12}$	$\frac{37}{432}$	$\frac{11}{48}$	$\frac{395}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
13901	469	648	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{179}{648}$	$\frac{145}{324}$	$\Phi_{648}\ \Phi_{216}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
13902	469	576	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{107}{576}$	$\frac{85}{192}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
13903	469	120	$\frac{1}{12}$	$\frac{7}{60}$	$\frac{11}{60}$	$\frac{53}{120}$	$\Phi_{120}^7\ \Phi_{60}\ \Phi_{40}^7\ \Phi_{30}\ \Phi_{24}^7\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8^7\ \Phi_5\ \Phi_1$
13904	469	276	$\frac{2}{69}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{276}^3\ \Phi_{92}^3\ \Phi_{69}\ \Phi_{23}\ \Phi_{12}\ \Phi_4\ \Phi_1$
13905	469	396	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{32}{99}$	$\frac{5}{12}$	$\Phi_{396}^3\ \Phi_{99}\ \Phi_{36}^3\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
13906	469	264	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{21}{88}$	$\frac{5}{12}$	$\Phi_{264}^2\ \Phi_{88}^3\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
13907	469	72	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{72}^7\ \Phi_{36}^7\ \Phi_{24}^7\ \Phi_{18}^7\ \Phi_{12}^2\ \Phi_9^7\ \Phi_8^7\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
13908	469	924	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{84}\ \Phi_{77}\ \Phi_{28}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
13909	469	768	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{85}{384}$	$\frac{299}{768}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
13910	469	696	$\frac{5}{232}$	$\frac{1}{4}$	$\frac{227}{696}$	$\frac{3}{8}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
13911	469	480	$\frac{11}{480}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
13912	469	72	$\frac{5}{72}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^7\ \Phi_{36}^7\ \Phi_{24}^7\ \Phi_{18}^7\ \Phi_{12}^7\ \Phi_9^7\ \Phi_8^3\ \Phi_6^7\ \Phi_4^2\ \Phi_3^7\ \Phi_2^2\ \Phi_1^3$
13913	469	720	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{109}{360}$	$\frac{251}{720}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
13914	469	408	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{408}\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
13915	469	540	$\frac{1}{18}$	$\frac{71}{540}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
13916	469	207	$\frac{2}{69}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{207}^3\ \Phi_{69}\ \Phi_{23}\ \Phi_9\ \Phi_1$
13917	469	99	$\frac{1}{33}$	$\frac{2}{9}$	$\frac{32}{99}$	$\frac{1}{3}$	$\Phi_{99}^4\ \Phi_{33}^6\ \Phi_{11}^6\ \Phi_9^5\ \Phi_3^6\ \Phi_1^7$
13918	469	792	$\frac{1}{22}$	$\frac{2}{9}$	$\frac{21}{88}$	$\frac{1}{3}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
13919	469	72	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{72}^7\ \Phi_{36}^7\ \Phi_{24}^7\ \Phi_{18}^4\ \Phi_{12}^7\ \Phi_9^5\ \Phi_8^7\ \Phi_6^6\ \Phi_4^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
13920	469	693	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{693}\ \Phi_{77}\ \Phi_{63}\ \Phi_9\ \Phi_7\ \Phi_1$
13921	469	648	$\frac{1}{18}$	$\frac{37}{216}$	$\frac{179}{648}$	$\frac{17}{54}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_1$
13922	469	96	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{96}^7\ \Phi_{48}^7\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_8^3\ \Phi_6^7\ \Phi_4^2\ \Phi_3^7\ \Phi_2^2\ \Phi_1^3$
13923	469	576	$\frac{1}{12}$	$\frac{107}{576}$	$\frac{11}{48}$	$\frac{37}{144}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
13924	469	80	$\frac{1}{8}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{80}^7\ \Phi_{40}^7\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_8^3\ \Phi_5^7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
13925	470	744	$\frac{1}{93}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{46}{93}$	$\Phi_{744}\ \Phi_{248}\ \Phi_{93}\ \Phi_{31}\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
13926	470	1392	$\frac{3}{232}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{229}{464}$	$\Phi_{1392}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
13927	470	402	$\frac{1}{67}$	$\frac{34}{201}$	$\frac{167}{402}$	$\frac{33}{67}$	$\Phi_{402}^2\ \Phi_{134}^2\ \Phi_{67}\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
13928	470	462	$\frac{4}{231}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{227}{462}$	$\Phi_{462}^2\ \Phi_{154}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
13929	470	828	$\frac{1}{46}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{45}{92}$	$\Phi_{828}\ \Phi_{276}\ \Phi_{92}^2\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
13930	470	276	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{276}^3\ \Phi_{92}^4\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13931	470	91	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{44}{91}$	$\Phi_{91}^5\ \Phi_{13}^5\ \Phi_7^7\ \Phi_1^8$
13932	470	990	$\frac{2}{45}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{990}\ \Phi_{330}\ \Phi_{198}\ \Phi_{110}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
13933	470	90	$\frac{2}{45}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{43}{90}$	$\Phi_{90}^4\ \Phi_{45}^6\ \Phi_{30}^5\ \Phi_{18}^4\ \Phi_{15}^7\ \Phi_{10}^5\ \Phi_9^6\ \Phi_6^4\ \Phi_5^6\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
13934	470	67	$\frac{3}{67}$	$\frac{7}{67}$	$\frac{20}{67}$	$\frac{32}{67}$	$\Phi_{67}^7\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
13935	470	448	$\frac{11}{224}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{213}{448}$	$\Phi_{448}^2\ \Phi_{64}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
13936	470	114	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{114}^5\ \Phi_{57}^3\ \Phi_{38}^5\ \Phi_{19}^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
13937	470	704	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{704}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
13938	470	88	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{88}^{10}\ \Phi_{44}\ \Phi_{22}\ \Phi_8^{10}$
13939	470	207	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{22}{69}$	$\frac{4}{9}$	$\Phi_{207}^2\ \Phi_{69}^3\ \Phi_{23}^2\ \Phi_9^3\ \Phi_3^4\ \Phi_1^4$
13940	470	924	$\frac{1}{11}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
13941	470	49	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{49}^{10}\ \Phi_7^7\ \Phi_1^8$
13942	470	308	$\frac{4}{77}$	$\frac{1}{7}$	$\frac{73}{308}$	$\frac{3}{7}$	$\Phi_{308}^2\ \Phi_{154}^2\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
13943	470	252	$\frac{17}{252}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
13944	470	880	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{880}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
13945	470	67	$\frac{2}{67}$	$\frac{13}{67}$	$\frac{20}{67}$	$\frac{27}{67}$	$\Phi_{67}^7\ \Phi_1^8$
13946	470	150	$\frac{3}{50}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{150}^4\ \Phi_{75}^4\ \Phi_{50}^2\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{15}^3\ \Phi_{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
13947	470	252	$\frac{17}{252}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
13948	470	228	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{9}{38}$	$\frac{29}{76}$	$\Phi_{228}^4\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{38}\ \Phi_{12}^4\ \Phi_4^2$
13949	470	48	$\frac{1}{48}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{48}^{10}\ \Phi_{24}^9\ \Phi_{16}^{10}\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
13950	470	248	$\frac{1}{31}$	$\frac{15}{62}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{248}^3\ \Phi_{62}^2\ \Phi_{31}\ \Phi_8^4\ \Phi_2^2\ \Phi_1^2$
13951	470	792	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
13952	470	357	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{113}{357}$	$\frac{122}{357}$	$\Phi_{357}\ \Phi_{119}^2\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
13953	470	354	$\frac{1}{59}$	$\frac{58}{177}$	$\frac{1}{3}$	$\frac{119}{354}$	$\Phi_{354}^2\ \Phi_{177}\ \Phi_{118}^2\ \Phi_6^2\ \Phi_2^2$
13954	470	348	$\frac{3}{116}$	$\frac{1}{4}$	$\frac{113}{348}$	$\frac{1}{3}$	$\Phi_{348}\ \Phi_{174}\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13955	470	138	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{138}^4\ \Phi_{69}^3\ \Phi_{46}^4\ \Phi_{23}^2\ \Phi_6^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
13956	470	594	$\frac{1}{11}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
13957	470	660	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
13958	470	270	$\frac{4}{45}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{41}{135}$	$\Phi_{270}^3\ \Phi_{135}^2\ \Phi_{54}^3\ \Phi_{30}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_{10}$
13959	470	336	$\frac{11}{112}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{101}{336}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
13960	470	67	$\frac{7}{67}$	$\frac{11}{67}$	$\frac{12}{67}$	$\frac{20}{67}$	$\Phi_{67}^7\ \Phi_1^8$
13961	470	210	$\frac{11}{105}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{210}^3\ \Phi_{105}^2\ \Phi_{70}^3\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}^3\ \Phi_{10}\ \Phi_7^2$
13962	470	60	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{60}^{10}\ \Phi_{30}^5\ \Phi_{20}^{10}\ \Phi_{15}^7\ \Phi_{12}^{10}\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^6\ \Phi_4^{10}\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
13963	470	56	$\frac{1}{7}$	$\frac{9}{56}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{56}^8\ \Phi_{28}^8\ \Phi_{14}^{10}\ \Phi_8^8\ \Phi_7^9\ \Phi_4^8\ \Phi_2^{10}\ \Phi_1^{10}$
13964	471	752	$\frac{1}{94}$	$\frac{95}{376}$	$\frac{281}{752}$	$\frac{93}{188}$	$\Phi_{752}\ \Phi_{188}\ \Phi_{16}\ \Phi_4\ \Phi_1$
13965	471	920	$\frac{11}{460}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{449}{920}$	$\Phi_{920}\ \Phi_{184}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
13966	471	190	$\frac{4}{95}$	$\frac{33}{190}$	$\frac{1}{5}$	$\frac{91}{190}$	$\Phi_{190}^2\ \Phi_{95}^3\ \Phi_{38}^2\ \Phi_{19}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
13967	471	300	$\frac{7}{150}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{143}{300}$	$\Phi_{300}^3\ \Phi_{100}^3\ \Phi_{60}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
13968	471	300	$\frac{7}{150}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{143}{300}$	$\Phi_{300}^3\ \Phi_{100}^3\ \Phi_{60}^3\ \Phi_{25}\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1$
13969	471	640	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{169}{640}$	$\frac{151}{320}$	$\Phi_{640}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
13970	471	880	$\frac{31}{440}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{409}{880}$	$\Phi_{880}\ \Phi_{176}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
13971	471	280	$\frac{1}{10}$	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{123}{280}$	$\Phi_{280}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
13972	471	500	$\frac{29}{500}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{100}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
13973	471	800	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{400}$	$\frac{329}{800}$	$\Phi_{800}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
13974	471	760	$\frac{4}{95}$	$\frac{1}{5}$	$\frac{91}{380}$	$\frac{289}{760}$	$\Phi_{760}\ \Phi_{152}\ \Phi_{95}\ \Phi_{40}\ \Phi_{19}\ \Phi_8\ \Phi_1$
13975	471	240	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{37}{120}$	$\frac{83}{240}$	$\Phi_{240}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
13976	471	235	$\frac{4}{235}$	$\frac{77}{235}$	$\frac{78}{235}$	$\frac{79}{235}$	$\Phi_{235}^2\ \Phi_{47}^2\ \Phi_5^2\ \Phi_1^3$
13977	471	165	$\frac{8}{165}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{165}^3\ \Phi_{55}^3\ \Phi_{33}^2\ \Phi_{15}^3\ \Phi_{11}^3\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
13978	471	225	$\frac{7}{75}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{68}{225}$	$\Phi_{225}^3\ \Phi_{45}^3\ \Phi_{25}\ \Phi_9^3\ \Phi_1$
13979	471	180	$\frac{1}{10}$	$\frac{23}{180}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
13980	471	200	$\frac{1}{10}$	$\frac{7}{50}$	$\frac{43}{200}$	$\frac{3}{10}$	$\Phi_{200}^3\ \Phi_{100}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
13981	471	175	$\frac{18}{175}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{175}^3\ \Phi_{35}^3\ \Phi_{25}\ \Phi_7^3\ \Phi_1$
13982	471	200	$\frac{7}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{43}{200}$	$\Phi_{200}^3\ \Phi_{100}^3\ \Phi_{40}^3\ \Phi_{25}\ \Phi_{20}^3\ \Phi_8^3\ \Phi_4^3\ \Phi_1$
13983	472	117	$\frac{1}{117}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{58}{117}$	$\Phi_{117}^4\ \Phi_{39}^4\ \Phi_{13}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
13984	472	471	$\frac{5}{471}$	$\frac{119}{471}$	$\frac{176}{471}$	$\frac{233}{471}$	$\Phi_{471}\ \Phi_{157}\ \Phi_3\ \Phi_1^2$
13985	472	237	$\frac{1}{79}$	$\frac{20}{79}$	$\frac{1}{3}$	$\frac{39}{79}$	$\Phi_{237}^3\ \Phi_3^2$
13986	472	812	$\frac{1}{58}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{57}{116}$	$\Phi_{812}\ \Phi_{116}^2\ \Phi_{28}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
13987	472	1740	$\frac{1}{58}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{57}{116}$	$\Phi_{1740}\ \Phi_{60}\ \Phi_{15}$
13988	472	342	$\frac{2}{57}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{342}^3\ \Phi_{114}^2\ \Phi_{38}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13989	472	720	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
13990	472	1008	$\frac{3}{56}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
13991	472	560	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{53}{112}$	$\Phi_{560}^2\ \Phi_{80}^2\ \Phi_{35}$
13992	472	340	$\frac{1}{17}$	$\frac{9}{68}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{340}^2\ \Phi_{170}^2\ \Phi_{85}\ \Phi_{20}^2\ \Phi_{10}^2$
13993	472	990	$\frac{4}{55}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{990}\ \Phi_{330}\ \Phi_{198}\ \Phi_{90}\ \Phi_{66}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
13994	472	72	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{72}^5\ \Phi_{36}^8\ \Phi_{24}^6\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^7\ \Phi_8^6\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
13995	472	108	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{108}^8\ \Phi_{36}^8\ \Phi_{18}^3\ \Phi_{12}^8\ \Phi_9^2\ \Phi_6^2\ \Phi_4^8\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
13996	472	609	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{28}{87}$	$\frac{3}{7}$	$\Phi_{609}\ \Phi_{87}^2\ \Phi_{21}\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
13997	472	315	$\frac{4}{63}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{15}^2$
13998	472	510	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{1}{5}$	$\frac{43}{102}$	$\Phi_{510}^2\ \Phi_{170}^2\ \Phi_{85}\ \Phi_{30}^2\ \Phi_{10}^2$
13999	472	900	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
14000	472	288	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{288}^3\ \Phi_{96}^2\ \Phi_{36}^3\ \Phi_{32}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
14001	472	576	$\frac{5}{64}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
14002	472	90	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{90}^8\ \Phi_{45}^3\ \Phi_{30}^8\ \Phi_{18}^8\ \Phi_{15}^2\ \Phi_{10}^8\ \Phi_9^2\ \Phi_6^8\ \Phi_5^2\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
14003	472	60	$\frac{1}{60}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{60}^8\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{15}^8\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
14004	472	351	$\frac{2}{117}$	$\frac{115}{351}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{351}^2\ \Phi_{27}^2\ \Phi_3\ \Phi_1^2$
14005	472	78	$\frac{1}{39}$	$\frac{19}{78}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{78}^8\ \Phi_{39}^4\ \Phi_{26}^8\ \Phi_{13}^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
14006	472	243	$\frac{7}{243}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{243}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_3\ \Phi_1^2$
14007	472	273	$\frac{2}{39}$	$\frac{37}{273}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{273}^2\ \Phi_{91}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
14008	472	63	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{63}^8\ \Phi_{21}^8\ \Phi_9^4\ \Phi_7^8\ \Phi_3^5\ \Phi_1^6$
14009	472	195	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^2\ \Phi_{65}^4\ \Phi_{39}\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
14010	472	435	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{28}{87}$	$\frac{1}{3}$	$\Phi_{435}\ \Phi_{145}^2\ \Phi_{15}^2\ \Phi_5^2$
14011	472	237	$\frac{3}{79}$	$\frac{19}{79}$	$\frac{20}{79}$	$\frac{1}{3}$	$\Phi_{237}^3\ \Phi_3^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
14012	472	765	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{35}{153}$	$\frac{16}{51}$	$\Phi_{765}\ \Phi_{85}\ \Phi_{45}$
14013	472	252	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
14014	472	420	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{25}{84}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{60}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{15}^2$
14015	472	72	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{72}^8\ \Phi_{36}^8\ \Phi_{24}^8\ \Phi_{18}^3\ \Phi_{12}^8\ \Phi_9^2\ \Phi_8^8\ \Phi_6^2\ \Phi_4^8\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
14016	472	157	$\frac{9}{157}$	$\frac{37}{157}$	$\frac{39}{157}$	$\frac{40}{157}$	$\Phi_{157}^3\ \Phi_1^4$
14017	472	70	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{70}^6\ \Phi_{35}^7\ \Phi_{14}^8\ \Phi_{10}^6\ \Phi_7^8\ \Phi_5^6\ \Phi_2^8\ \Phi_1^8$
14018	473	928	$\frac{9}{464}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{455}{928}$	$\Phi_{928}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
14019	473	420	$\frac{1}{42}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{41}{84}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
14020	473	420	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{41}{84}$	$\Phi_{420}^2\ \Phi_{140}^2\ \Phi_{84}^3\ \Phi_{60}^2\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
14021	473	912	$\frac{17}{456}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{439}{912}$	$\Phi_{912}\ \Phi_{304}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
14022	473	640	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{167}{640}$	$\frac{153}{320}$	$\Phi_{640}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
14023	473	544	$\frac{3}{68}$	$\frac{71}{544}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{544}\ \Phi_{272}\ \Phi_{68}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
14024	473	896	$\frac{25}{448}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{423}{896}$	$\Phi_{896}\ \Phi_{128}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
14025	473	896	$\frac{25}{448}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{423}{896}$	$\Phi_{896}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
14026	473	576	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{103}{576}$	$\frac{89}{192}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
14027	473	240	$\frac{3}{40}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{240}^4\ \Phi_{80}^3\ \Phi_{48}^4\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
14028	473	80	$\frac{3}{40}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{37}{80}$	$\Phi_{80}^{11}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}^{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
14029	473	864	$\frac{41}{432}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{391}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
14030	473	180	$\frac{2}{45}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{180}^5\ \Phi_{60}^4\ \Phi_{45}\ \Phi_{36}^5\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{12}^4\ \Phi_9\ \Phi_5\ \Phi_4^5\ \Phi_1$
14031	473	1260	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{20}{63}$	$\frac{9}{20}$	$\Phi_{1260}\ \Phi_{252}\ \Phi_{180}\ \Phi_{63}\ \Phi_{36}\ \Phi_{20}\ \Phi_9\ \Phi_4\ \Phi_1$
14032	473	280	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{56}$	$\frac{9}{20}$	$\Phi_{280}^2\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
14033	473	240	$\frac{1}{10}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{48}^3\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
14034	473	980	$\frac{1}{10}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{980}\ \Phi_{196}\ \Phi_{49}\ \Phi_{20}\ \Phi_4\ \Phi_1$
14035	473	504	$\frac{31}{504}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
14036	473	816	$\frac{3}{68}$	$\frac{65}{408}$	$\frac{1}{4}$	$\frac{343}{816}$	$\Phi_{816}\ \Phi_{272}\ \Phi_{68}\ \Phi_{48}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
14037	473	800	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{400}$	$\frac{327}{800}$	$\Phi_{800}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
14038	473	512	$\frac{39}{512}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
14039	473	396	$\frac{1}{44}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{396}\ \Phi_{198}\ \Phi_{132}^2\ \Phi_{99}\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
14040	473	768	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{384}$	$\frac{295}{768}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
14041	473	176	$\frac{1}{44}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{176}^4\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{16}^3\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
14042	473	48	$\frac{1}{12}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{48}^{11}\ \Phi_{24}^7\ \Phi_{16}^{11}\ \Phi_{12}^{10}\ \Phi_8^8\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
14043	473	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{132}^4\ \Phi_{66}^3\ \Phi_{44}^4\ \Phi_{33}^4\ \Phi_{22}^3\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_6^2\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
14044	473	720	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{113}{360}$	$\frac{247}{720}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
14045	473	708	$\frac{1}{59}$	$\frac{58}{177}$	$\frac{235}{708}$	$\frac{119}{354}$	$\Phi_{708}\ \Phi_{236}\ \Phi_{177}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
14046	473	45	$\frac{2}{45}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{45}^{11}\ \Phi_{15}^{10}\ \Phi_9^{11}\ \Phi_5^9\ \Phi_3^9\ \Phi_1^9$
14047	473	612	$\frac{3}{68}$	$\frac{139}{612}$	$\frac{1}{4}$	$\frac{65}{204}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{68}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
14048	473	315	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{20}{63}$	$\Phi_{315}^2\ \Phi_{63}^3\ \Phi_{45}^2\ \Phi_{15}\ \Phi_9^3\ \Phi_3\ \Phi_1$
14049	473	672	$\frac{3}{28}$	$\frac{25}{224}$	$\frac{1}{4}$	$\frac{199}{672}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
14050	473	672	$\frac{25}{224}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{199}{672}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
14051	473	576	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{103}{576}$	$\frac{41}{144}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
14052	473	60	$\frac{1}{12}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{60}^7\ \Phi_{30}^7\ \Phi_{20}^8\ \Phi_{15}^7\ \Phi_{12}^{10}\ \Phi_{10}^8\ \Phi_6^{10}\ \Phi_5^8\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
14053	473	840	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{56}$	$\frac{4}{15}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
14054	473	240	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{40}^2\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{15}\ \Phi_{12}^3\ \Phi_8^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
14055	473	735	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{735}\ \Phi_{147}\ \Phi_{49}\ \Phi_{15}\ \Phi_3\ \Phi_1$
14056	473	560	$\frac{3}{28}$	$\frac{87}{560}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
14057	474	780	$\frac{1}{78}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{77}{156}$	$\Phi_{780}\ \Phi_{260}\ \Phi_{156}^2\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
14058	474	156	$\frac{1}{78}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{77}{156}$	$\Phi_{156}^2\ \Phi_{78}^4\ \Phi_{52}^2\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_{12}^3\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
14059	474	212	$\frac{1}{53}$	$\frac{1}{4}$	$\frac{27}{106}$	$\frac{26}{53}$	$\Phi_{212}^3\ \Phi_{106}\ \Phi_{53}^2\ \Phi_4^2\ \Phi_1^2$
14060	474	430	$\frac{1}{43}$	$\frac{22}{215}$	$\frac{193}{430}$	$\frac{21}{43}$	$\Phi_{430}^2\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{10}^2\ \Phi_2^2\ \Phi_1^2$
14061	474	154	$\frac{2}{77}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{75}{154}$	$\Phi_{154}^6\ \Phi_{22}^6\ \Phi_{14}^6\ \Phi_{11}\ \Phi_2^6\ \Phi_1^2$
14062	474	462	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{75}{154}$	$\Phi_{462}^3\ \Phi_{66}^3\ \Phi_{42}^3\ \Phi_{21}\ \Phi_6^3$
14063	474	816	$\frac{1}{34}$	$\frac{35}{272}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_6$
14064	474	1064	$\frac{3}{76}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{1064}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
14065	474	1050	$\frac{4}{75}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{1050}\ \Phi_{350}\ \Phi_{210}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{14}$
14066	474	1344	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{211}{448}$	$\Phi_{1344}\ \Phi_{192}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
14067	474	672	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
14068	474	84	$\frac{5}{84}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{84}^5\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{12}^5\ \Phi_7^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
14069	474	1326	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{1}{3}$	$\frac{205}{442}$	$\Phi_{1326}\ \Phi_{102}\ \Phi_{78}\ \Phi_{51}\ \Phi_6$
14070	474	440	$\frac{17}{220}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{203}{440}$	$\Phi_{440}^2\ \Phi_{88}^2\ \Phi_{40}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
14071	474	308	$\frac{6}{77}$	$\frac{1}{11}$	$\frac{71}{308}$	$\frac{5}{11}$	$\Phi_{308}^2\ \Phi_{154}^2\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
14072	474	88	$\frac{1}{11}$	$\frac{9}{88}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{88}^6\ \Phi_{44}^6\ \Phi_{22}^6\ \Phi_{11}\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^2$
14073	474	1008	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{65}{144}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
14074	474	86	$\frac{7}{86}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{86}^6\ \Phi_{43}^5\ \Phi_2^6\ \Phi_1^6$
14075	474	140	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{7}$	$\frac{61}{140}$	$\Phi_{140}^6\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_{14}\ \Phi_4^6$
14076	474	408	$\frac{1}{34}$	$\frac{11}{68}$	$\frac{1}{3}$	$\frac{57}{136}$	$\Phi_{408}^3\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}^3\ \Phi_6$
14077	474	405	$\frac{2}{81}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{405}\ \Phi_{135}\ \Phi_{81}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
14078	474	585	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{38}{117}$	$\frac{2}{5}$	$\Phi_{585}\ \Phi_{117}^2\ \Phi_{45}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
14079	474	520	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{25}{104}$	$\frac{2}{5}$	$\Phi_{520}\ \Phi_{260}\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{40}\ \Phi_{20}\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
14080	474	420	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
14081	474	455	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{455}\ \Phi_{91}^2\ \Phi_{35}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
14082	474	129	$\frac{1}{43}$	$\frac{29}{129}$	$\frac{14}{43}$	$\frac{50}{129}$	$\Phi_{129}^3\ \Phi_{43}^5\ \Phi_3^3\ \Phi_1^6$
14083	474	88	$\frac{1}{11}$	$\frac{9}{88}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{88}^6\ \Phi_{44}^4\ \Phi_{22}^6\ \Phi_{11}^5\ \Phi_8^6\ \Phi_4^4\ \Phi_2^6\ \Phi_1^6$
14084	474	896	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{896}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
14085	474	344	$\frac{1}{43}$	$\frac{21}{86}$	$\frac{107}{344}$	$\frac{65}{172}$	$\Phi_{344}^2\ \Phi_{86}^2\ \Phi_{43}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
14086	474	86	$\frac{7}{86}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{86}^6\ \Phi_{43}^5\ \Phi_2^6\ \Phi_1^6$
14087	474	121	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{37}{121}$	$\frac{42}{121}$	$\Phi_{121}^4\ \Phi_{11}^3\ \Phi_1^4$
14088	474	840	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
14089	474	324	$\frac{2}{81}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
14090	474	468	$\frac{1}{39}$	$\frac{1}{4}$	$\frac{38}{117}$	$\frac{1}{3}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
14091	474	102	$\frac{1}{34}$	$\frac{23}{102}$	$\frac{11}{34}$	$\frac{1}{3}$	$\Phi_{102}^4\ \Phi_{51}^4\ \Phi_{34}^6\ \Phi_{17}^6\ \Phi_6^4\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
14092	474	336	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{33}{112}$	$\frac{1}{3}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{48}^2\ \Phi_{42}^3\ \Phi_{24}^2\ \Phi_{21}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
14093	474	84	$\frac{5}{84}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{84}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{21}^4\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_7^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
14094	474	312	$\frac{1}{26}$	$\frac{25}{104}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{312}^3\ \Phi_{156}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
14095	474	780	$\frac{2}{39}$	$\frac{37}{195}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{130}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
14096	474	84	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{12}^3\ \Phi_7^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
14097	474	1092	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}\ \Phi_6$
14098	474	840	$\frac{1}{14}$	$\frac{43}{280}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
14099	474	924	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{308}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
14100	474	672	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
14101	474	110	$\frac{1}{11}$	$\frac{17}{110}$	$\frac{5}{22}$	$\frac{31}{110}$	$\Phi_{110}^4\ \Phi_{55}^4\ \Phi_{22}^6\ \Phi_{11}^5\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^6\ \Phi_1^6$
14102	474	630	$\frac{11}{90}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{14}$
14103	474	700	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{700}\ \Phi_{350}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
14104	475	376	$\frac{1}{94}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{93}{188}$	$\Phi_{376}^2\ \Phi_{188}\ \Phi_8^3\ \Phi_4\ \Phi_1$
14105	475	636	$\frac{2}{159}$	$\frac{161}{636}$	$\frac{1}{3}$	$\frac{157}{318}$	$\Phi_{636}\ \Phi_{212}\ \Phi_{159}\ \Phi_{53}\ \Phi_{12}\ \Phi_4\ \Phi_1$
14106	475	936	$\frac{7}{468}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{461}{936}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{104}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
14107	475	936	$\frac{7}{468}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{461}{936}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{104}\ \Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
14108	475	186	$\frac{2}{93}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{91}{186}$	$\Phi_{186}^2\ \Phi_{93}^3\ \Phi_{62}^2\ \Phi_{31}^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
14109	475	384	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{384}^2\ \Phi_{128}\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
14110	475	552	$\frac{3}{92}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{89}{184}$	$\Phi_{552}^2\ \Phi_{184}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
14111	475	144	$\frac{1}{24}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{23}{48}$	$\Phi_{144}^6\ \Phi_{48}^7\ \Phi_{36}\ \Phi_{16}^7\ \Phi_{12}\ \Phi_4\ \Phi_1$
14112	475	336	$\frac{1}{24}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{336}^3\ \Phi_{112}^3\ \Phi_{48}\ \Phi_{21}\ \Phi_{16}\ \Phi_7\ \Phi_1$
14113	475	432	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{23}{48}$	$\Phi_{432}^3\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
14114	475	48	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{23}{48}$	$\Phi_{48}^{19}\ \Phi_{24}\ \Phi_{16}^{19}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
14115	475	576	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{101}{576}$	$\frac{91}{192}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
14116	475	108	$\frac{1}{18}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{108}^9\ \Phi_{36}^7\ \Phi_{27}\ \Phi_{12}^7\ \Phi_9\ \Phi_4^7\ \Phi_1$
14117	475	36	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{17}{36}$	$\Phi_{36}^{14}\ \Phi_{18}^{13}\ \Phi_{12}^{13}\ \Phi_9^{13}\ \Phi_6^{12}\ \Phi_4^{13}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
14118	475	252	$\frac{1}{18}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}\ \Phi_7^3\ \Phi_4\ \Phi_1$
14119	475	288	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{17}{36}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
14120	475	36	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{36}^{25}\ \Phi_{12}^{25}\ \Phi_6^4\ \Phi_4^{25}\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
14121	475	528	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{81}{176}$	$\Phi_{528}^2\ \Phi_{176}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
14122	475	864	$\frac{43}{432}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{389}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
14123	475	168	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{6}$	$\frac{73}{168}$	$\Phi_{168}^5\ \Phi_{56}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
14124	475	624	$\frac{7}{156}$	$\frac{1}{6}$	$\frac{149}{624}$	$\frac{5}{12}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{104}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
14125	475	504	$\frac{29}{504}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
14126	475	416	$\frac{1}{26}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{416}^{2}\ \Phi_{52}^{2}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
14127	475	96	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{96}^{10}\ \Phi_{48}^{2}\ \Phi_{32}^{5}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
14128	475	486	$\frac{11}{486}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{486}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
14129	475	768	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{91}{384}$	$\frac{293}{768}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
14130	475	1128	$\frac{1}{47}$	$\frac{1}{4}$	$\frac{46}{141}$	$\frac{3}{8}$	$\Phi_{1128}\ \Phi_{141}\ \Phi_{24}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
14131	475	312	$\frac{1}{26}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^{2}\ \Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{39}^{2}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
14132	475	376	$\frac{2}{47}$	$\frac{9}{47}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{376}^{2}\ \Phi_{47}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
14133	475	120	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^{8}\ \Phi_{60}^{2}\ \Phi_{40}^{4}\ \Phi_{30}^{2}\ \Phi_{24}^{6}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
14134	475	390	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{390}\ \Phi_{195}\ \Phi_{130}^{2}\ \Phi_{78}\ \Phi_{65}^{2}\ \Phi_{39}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
14135	475	144	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{23}{72}$	$\frac{49}{144}$	$\Phi_{144}^{5}\ \Phi_{48}^{5}\ \Phi_{24}^{5}\ \Phi_{16}^{5}\ \Phi_{12}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
14136	475	189	$\frac{2}{27}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{189}^{3}\ \Phi_{63}^{3}\ \Phi_{27}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
14137	475	702	$\frac{7}{234}$	$\frac{2}{9}$	$\frac{227}{702}$	$\frac{1}{3}$	$\Phi_{702}\ \Phi_{351}\ \Phi_{54}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
14138	475	252	$\frac{1}{12}$	$\frac{2}{21}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{252}^{3}\ \Phi_{126}^{3}\ \Phi_{63}^{3}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
14139	475	27	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{27}^{17}\ \Phi_{9}^{19}\ \Phi_{3}^{18}\ \Phi_{1}^{19}$
14140	475	84	$\frac{2}{21}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^{5}\ \Phi_{42}^{5}\ \Phi_{28}^{6}\ \Phi_{21}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{7}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
14141	475	504	$\frac{29}{504}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
14142	475	117	$\frac{7}{117}$	$\frac{22}{117}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{117}^{4}\ \Phi_{39}^{4}\ \Phi_{13}^{4}\ \Phi_{9}^{5}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
14143	475	672	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{112}\ \Phi_{32}\ \Phi_{21}\ \Phi_{16}\ \Phi_{7}\ \Phi_{1}$
14144	475	216	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{216}^{3}\ \Phi_{108}^{3}\ \Phi_{72}^{3}\ \Phi_{36}^{3}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
14145	475	42	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{42}^{12}\ \Phi_{21}^{13}\ \Phi_{14}^{12}\ \Phi_{7}^{13}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
14146	475	108	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{11}{36}$	$\Phi_{108}^{6}\ \Phi_{54}^{6}\ \Phi_{36}\ \Phi_{27}^{7}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
14147	475	72	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{11}{36}$	$\Phi_{72}^{12}\ \Phi_{36}^{7}\ \Phi_{24}\ \Phi_{18}^{7}\ \Phi_{12}\ \Phi_{9}^{7}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
14148	475	576	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{101}{576}$	$\frac{43}{144}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
14149	475	756	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{28}\ \Phi_{27}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
14150	475	864	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{8}{27}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
14151	475	54	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{54}^{12}\ \Phi_{27}^{13}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
14152	475	108	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{108}^{5}\ \Phi_{54}^{5}\ \Phi_{36}^{5}\ \Phi_{27}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
14153	475	168	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{168}^{4}\ \Phi_{84}^{2}\ \Phi_{56}^{4}\ \Phi_{42}^{2}\ \Phi_{28}^{3}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}^{3}\ \Phi_{4}\ \Phi_{1}$
14154	475	96	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{7}{32}$	$\Phi_{96}^{6}\ \Phi_{48}^{6}\ \Phi_{32}^{7}\ \Phi_{24}\ \Phi_{16}^{7}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
14155	475	24	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{24}^{25}\ \Phi_{12}^{25}\ \Phi_{8}^{25}\ \Phi_{6}^{4}\ \Phi_{4}^{25}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
14156	476	708	$\frac{1}{118}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{117}{236}$	$\Phi_{708}\ \Phi_{236}^{2}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
14157	476	190	$\frac{1}{95}$	$\frac{24}{95}$	$\frac{71}{190}$	$\frac{47}{95}$	$\Phi_{190}^{4}\ \Phi_{95}\ \Phi_{38}^{4}\ \Phi_{19}\ \Phi_{10}^{4}\ \Phi_{5}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
14158	476	235	$\frac{3}{235}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{116}{235}$	$\Phi_{235}^{2}\ \Phi_{47}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
14159	476	804	$\frac{1}{67}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{33}{67}$	$\Phi_{804}\ \Phi_{268}\ \Phi_{67}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
14160	476	603	$\frac{1}{67}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{33}{67}$	$\Phi_{603}\ \Phi_{67}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
14161	476	1170	$\frac{2}{117}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{115}{234}$	$\Phi_{1170}\ \Phi_{390}\ \Phi_{130}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
14162	476	465	$\frac{11}{465}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{227}{465}$	$\Phi_{465}\ \Phi_{155}\ \Phi_{93}\ \Phi_{31}\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
14163	476	160	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{41}{160}$	$\frac{39}{80}$	$\Phi_{160}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
14164	476	1160	$\frac{3}{116}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{113}{232}$	$\Phi_{1160}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
14165	476	429	$\frac{1}{33}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{16}{33}$	$\Phi_{429}\ \Phi_{143}\ \Phi_{39}\ \Phi_{33}^2\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
14166	476	264	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
14167	476	95	$\frac{3}{95}$	$\frac{7}{95}$	$\frac{44}{95}$	$\frac{46}{95}$	$\Phi_{95}^5\ \Phi_{19}^5\ \Phi_5^5\ \Phi_1^6$
14168	476	230	$\frac{4}{115}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{111}{230}$	$\Phi_{230}^4\ \Phi_{46}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
14169	476	864	$\frac{1}{27}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{13}{27}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}^2\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
14170	476	216	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{13}{27}$	$\Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
14171	476	540	$\frac{1}{27}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
14172	476	225	$\frac{1}{25}$	$\frac{13}{225}$	$\frac{106}{225}$	$\frac{12}{25}$	$\Phi_{225}^2\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{25}^3\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^3\ \Phi_3^2\ \Phi_1^4$
14173	476	150	$\frac{1}{25}$	$\frac{13}{75}$	$\frac{31}{150}$	$\frac{12}{25}$	$\Phi_{150}^4\ \Phi_{75}^2\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^3\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
14174	476	720	$\frac{1}{24}$	$\frac{25}{144}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
14175	476	184	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{184}^3\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
14176	476	228	$\frac{5}{114}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{109}{228}$	$\Phi_{228}^4\ \Phi_{76}^4\ \Phi_{19}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_1^2$
14177	476	228	$\frac{5}{114}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{109}{228}$	$\Phi_{228}^4\ \Phi_{76}^4\ \Phi_{19}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_1^2$
14178	476	1140	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{109}{228}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
14179	476	171	$\frac{1}{19}$	$\frac{5}{57}$	$\frac{52}{171}$	$\frac{9}{19}$	$\Phi_{171}^4\ \Phi_{19}\ \Phi_9^4\ \Phi_1^2$
14180	476	19	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{19}^{25}\ \Phi_1^{26}$
14181	476	152	$\frac{1}{19}$	$\frac{5}{38}$	$\frac{33}{152}$	$\frac{9}{19}$	$\Phi_{152}^4\ \Phi_{76}^4\ \Phi_{19}\ \Phi_8^4\ \Phi_4^4\ \Phi_1^2$
14182	476	285	$\frac{1}{19}$	$\frac{47}{285}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{285}^2\ \Phi_{95}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
14183	476	717	$\frac{13}{239}$	$\frac{18}{239}$	$\frac{1}{3}$	$\frac{113}{239}$	Φ_{717}
14184	476	225	$\frac{13}{225}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{106}{225}$	$\Phi_{225}^2\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{15}^4\ \Phi_9^2\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
14185	476	480	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{480}^2\ \Phi_{160}^2\ \Phi_{96}\ \Phi_{32}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
14186	476	288	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{15}{32}$	$\Phi_{288}^3\ \Phi_{96}^3\ \Phi_{32}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
14187	476	160	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{160}^7\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
14188	476	234	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{18}^4\ \Phi_{13}^2\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
14189	476	286	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{6}{13}$	$\Phi_{286}^2\ \Phi_{143}\ \Phi_{26}^2\ \Phi_{22}^4\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_2^4\ \Phi_1^4$
14190	476	220	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{101}{220}$	$\Phi_{220}^4\ \Phi_{44}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
14191	476	1080	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{5}$	$\frac{97}{216}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
14192	476	522	$\frac{1}{18}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{522}\ \Phi_{261}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
14193	476	25	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{8}{25}$	$\frac{11}{25}$	$\Phi_{25}^{19}\ \Phi_5^{19}\ \Phi_1^{20}$
14194	476	640	$\frac{9}{128}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
14195	476	870	$\frac{1}{29}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{870}\ \Phi_{290}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
14196	476	30	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{30}^{28}\ \Phi_{15}^4\ \Phi_{10}^{28}\ \Phi_6^{28}\ \Phi_5^3\ \Phi_3^4\ \Phi_2^{28}\ \Phi_1^4$
14197	476	95	$\frac{4}{95}$	$\frac{13}{95}$	$\frac{27}{95}$	$\frac{41}{95}$	$\Phi_{95}^5\ \Phi_{19}^5\ \Phi_5^5\ \Phi_1^6$
14198	476	717	$\frac{8}{239}$	$\frac{33}{239}$	$\frac{1}{3}$	$\frac{103}{239}$	Φ_{717}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
14199	476	105	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{105}^5\ \Phi_{35}^5\ \Phi_{21}^3\ \Phi_{15}^4\ \Phi_7^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
14200	476	420	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{420}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}$
14201	476	696	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{696}\ \Phi_{232}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
14202	476	804	$\frac{3}{67}$	$\frac{1}{6}$	$\frac{16}{67}$	$\frac{5}{12}$	$\Phi_{804}\ \Phi_{268}\ \Phi_{67}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
14203	476	180	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{180}^6\ \Phi_{90}\ \Phi_{60}^5\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{10}$
14204	476	200	$\frac{1}{25}$	$\frac{19}{100}$	$\frac{6}{25}$	$\frac{81}{200}$	$\Phi_{200}^4\ \Phi_{40}^4\ \Phi_{25}^3\ \Phi_8^4\ \Phi_5^3\ \Phi_1^4$
14205	476	200	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{1}{5}$	$\frac{81}{200}$	$\Phi_{200}^4\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
14206	476	70	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{70}^{10}\ \Phi_{35}^4\ \Phi_{14}^{10}\ \Phi_{10}^8\ \Phi_7^4\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
14207	476	60	$\frac{1}{15}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{60}^{10}\ \Phi_{30}^{10}\ \Phi_{20}^8\ \Phi_{15}^4\ \Phi_{12}^{10}\ \Phi_{10}^8\ \Phi_6^{10}\ \Phi_5^3\ \Phi_4^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^4$
14208	476	420	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{420}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{12}^2$
14209	476	960	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{23}{96}$	$\frac{73}{192}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
14210	476	150	$\frac{1}{25}$	$\frac{31}{150}$	$\frac{6}{25}$	$\frac{19}{50}$	$\Phi_{150}^4\ \Phi_{75}^4\ \Phi_{30}^4\ \Phi_{25}^3\ \Phi_{15}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
14211	476	375	$\frac{1}{25}$	$\frac{24}{125}$	$\frac{101}{375}$	$\frac{137}{375}$	$\Phi_{375}\ \Phi_{125}^2\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
14212	476	125	$\frac{6}{125}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{125}^4\ \Phi_{25}^3\ \Phi_5^3\ \Phi_1^4$
14213	476	180	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{29}{90}$	$\frac{61}{180}$	$\Phi_{180}^4\ \Phi_{60}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
14214	476	177	$\frac{1}{59}$	$\frac{58}{177}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{177}^3\ \Phi_{59}^2\ \Phi_3^4\ \Phi_1^4$
14215	476	315	$\frac{1}{35}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{21}\ \Phi_{15}$
14216	476	177	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{177}^2\ \Phi_{59}^4\ \Phi_3^3\ \Phi_1^6$
14217	476	72	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{72}^8\ \Phi_{36}^8\ \Phi_{24}^7\ \Phi_{18}^4\ \Phi_{12}^7\ \Phi_9^4\ \Phi_8^6\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
14218	476	792	$\frac{2}{33}$	$\frac{1}{8}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
14219	476	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{15}^6\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_8^2\ \Phi_6^3\ \Phi_5^6\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
14220	476	60	$\frac{1}{15}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^7\ \Phi_{30}^7\ \Phi_{20}^8\ \Phi_{15}^9\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^{10}\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^{10}$
14221	476	603	$\frac{3}{67}$	$\frac{2}{9}$	$\frac{16}{67}$	$\frac{1}{3}$	$\Phi_{603}\ \Phi_{67}\ \Phi_9^2\ \Phi_1^2$
14222	476	780	$\frac{2}{39}$	$\frac{1}{5}$	$\frac{37}{156}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{130}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
14223	476	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{264}^3\ \Phi_{132}^3\ \Phi_{66}\ \Phi_{33}^2\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
14224	476	90	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{90}^7\ \Phi_{45}^6\ \Phi_{30}^7\ \Phi_{15}^7\ \Phi_{10}^7\ \Phi_5^6$
14225	476	720	$\frac{1}{12}$	$\frac{25}{144}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
14226	476	171	$\frac{5}{57}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{52}{171}$	$\Phi_{171}^4\ \Phi_{19}\ \Phi_9^4\ \Phi_1^2$
14227	476	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{7}{24}$	$\Phi_{72}^6\ \Phi_{36}^6\ \Phi_{24}^7\ \Phi_{18}^6\ \Phi_{12}^7\ \Phi_9^9\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^{10}\ \Phi_2^6\ \Phi_1^{10}$
14228	476	120	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{120}^7\ \Phi_{60}^7\ \Phi_{40}\ \Phi_{30}^7\ \Phi_{20}\ \Phi_{15}^7\ \Phi_{10}$
14229	476	135	$\frac{16}{135}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{135}^4\ \Phi_{45}^2\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_9^2\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
14230	476	45	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{45}^{14}\ \Phi_{15}^4\ \Phi_9^{14}\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
14231	476	19	$\frac{2}{19}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{19}^{25}\ \Phi_1^{26}$
14232	476	180	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
14233	476	40	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{40}^{13}\ \Phi_{20}^{10}\ \Phi_{10}^{10}\ \Phi_8^{16}\ \Phi_5^9\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
14234	476	152	$\frac{5}{38}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{33}{152}$	$\Phi_{152}^4\ \Phi_{76}^4\ \Phi_{19}\ \Phi_8^4\ \Phi_4^4\ \Phi_1^2$
14235	476	150	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{5}$	$\frac{31}{150}$	$\Phi_{150}^4\ \Phi_{75}^2\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^2\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
14236	477	944	$\frac{5}{472}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{467}{944}$	$\Phi_{944}\ \Phi_{16}\ \Phi_8\ \Phi_1$
14237	477	272	$\frac{1}{68}$	$\frac{23}{136}$	$\frac{113}{272}$	$\frac{67}{136}$	$\Phi_{272}^3\ \Phi_{136}\ \Phi_{16}^3\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
14238	477	640	$\frac{3}{160}$	$\frac{1}{4}$	$\frac{163}{640}$	$\frac{157}{320}$	$\Phi_{640}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
14239	477	208	$\frac{1}{52}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{51}{104}$	$\Phi_{208}^4\ \Phi_{104}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
14240	477	104	$\frac{1}{52}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{51}{104}$	$\Phi_{104}^9\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
14241	477	620	$\frac{4}{155}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{151}{310}$	$\Phi_{620}\ \Phi_{155}\ \Phi_{124}\ \Phi_{31}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
14242	477	928	$\frac{13}{464}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{451}{928}$	$\Phi_{928}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
14243	477	64	$\frac{1}{32}$	$\frac{11}{64}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{64}^6\ \Phi_{32}^9\ \Phi_{16}^9\ \Phi_8^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
14244	477	308	$\frac{5}{154}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{149}{308}$	$\Phi_{308}^3\ \Phi_{44}^3\ \Phi_{28}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
14245	477	896	$\frac{1}{28}$	$\frac{29}{448}$	$\frac{419}{896}$	$\frac{27}{56}$	$\Phi_{896}\ \Phi_{128}\ \Phi_{56}\ \Phi_8\ \Phi_1$
14246	477	224	$\frac{1}{28}$	$\frac{29}{224}$	$\frac{65}{224}$	$\frac{27}{56}$	$\Phi_{224}^2\ \Phi_{112}^2\ \Phi_{56}^3\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
14247	477	560	$\frac{1}{28}$	$\frac{83}{560}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
14248	477	920	$\frac{17}{460}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{443}{920}$	$\Phi_{920}\ \Phi_{184}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
14249	477	644	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{167}{644}$	$\frac{155}{322}$	$\Phi_{644}\ \Phi_{161}\ \Phi_{92}\ \Phi_{28}\ \Phi_{23}\ \Phi_4\ \Phi_1$
14250	477	510	$\frac{2}{51}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{85}\ \Phi_{51}\ \Phi_{30}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
14251	477	304	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{145}{304}$	$\Phi_{304}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
14252	477	360	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{360}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
14253	477	100	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{47}{100}$	$\Phi_{100}^3\ \Phi_{50}^6\ \Phi_{25}^6\ \Phi_{20}^5\ \Phi_{10}^7\ \Phi_5^7\ \Phi_4^4\ \Phi_2^6\ \Phi_1^7$
14254	477	896	$\frac{29}{448}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{419}{896}$	$\Phi_{896}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
14255	477	880	$\frac{3}{40}$	$\frac{37}{440}$	$\frac{1}{4}$	$\frac{403}{880}$	$\Phi_{880}\ \Phi_{176}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
14256	477	512	$\frac{35}{512}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
14257	477	96	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{43}{96}$	$\Phi_{96}^9\ \Phi_{32}^9\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
14258	477	480	$\frac{1}{10}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{480}^2\ \Phi_{160}^2\ \Phi_{96}\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
14259	477	624	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{25}{78}$	$\frac{7}{16}$	$\Phi_{624}^2\ \Phi_{78}\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{16}\ \Phi_6\ \Phi_3\ \Phi_1$
14260	477	112	$\frac{3}{56}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{112}^8\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}^5\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
14261	477	1040	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{12}{65}$	$\frac{7}{16}$	$\Phi_{1040}\ \Phi_{80}\ \Phi_{65}\ \Phi_{16}\ \Phi_5\ \Phi_1$
14262	477	196	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{37}{196}$	$\frac{85}{196}$	$\Phi_{196}^2\ \Phi_{98}^3\ \Phi_{49}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
14263	477	280	$\frac{1}{28}$	$\frac{19}{140}$	$\frac{9}{28}$	$\frac{121}{280}$	$\Phi_{280}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
14264	477	280	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{1}{4}$	$\frac{121}{280}$	$\Phi_{280}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
14265	477	280	$\frac{1}{14}$	$\frac{19}{140}$	$\frac{13}{70}$	$\frac{121}{280}$	$\Phi_{280}^3\ \Phi_{70}\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_1$
14266	477	224	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{65}{224}$	$\frac{47}{112}$	$\Phi_{224}^3\ \Phi_{56}^3\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
14267	477	60	$\frac{1}{10}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{60}^7\ \Phi_{30}^9\ \Phi_{20}^7\ \Phi_{15}^9\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_6^9\ \Phi_5^8\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
14268	477	272	$\frac{1}{34}$	$\frac{23}{136}$	$\frac{11}{34}$	$\frac{113}{272}$	$\Phi_{272}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{16}^3\ \Phi_2^2\ \Phi_1^3$
14269	477	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{90}^5\ \Phi_{45}^6\ \Phi_{30}^5\ \Phi_{18}^5\ \Phi_{15}^6\ \Phi_{10}^4\ \Phi_9^5\ \Phi_6^5\ \Phi_5^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
14270	477	560	$\frac{1}{14}$	$\frac{83}{560}$	$\frac{13}{70}$	$\frac{57}{140}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
14271	477	800	$\frac{3}{80}$	$\frac{77}{400}$	$\frac{1}{4}$	$\frac{323}{800}$	$\Phi_{800}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
14272	477	680	$\frac{1}{34}$	$\frac{33}{170}$	$\frac{203}{680}$	$\frac{137}{340}$	$\Phi_{680}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{40}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
14273	477	784	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{85}{392}$	$\frac{307}{784}$	$\Phi_{784}\ \Phi_{112}\ \Phi_{98}\ \Phi_{49}\ \Phi_{16}\ \Phi_1$
14274	477	256	$\frac{1}{32}$	$\frac{31}{128}$	$\frac{1}{4}$	$\frac{97}{256}$	$\Phi_{256}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
14275	477	56	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{56}^9\ \Phi_{28}^9\ \Phi_{14}^6\ \Phi_8^9\ \Phi_7^8\ \Phi_4^9\ \Phi_2^6\ \Phi_1^9$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
14276	477	68	$\frac{1}{34}$	$\frac{15}{68}$	$\frac{11}{34}$	$\frac{23}{68}$	$\Phi_{68}^{6}\ \Phi_{34}^{8}\ \Phi_{17}^{8}\ \Phi_{4}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
14277	477	80	$\frac{1}{40}$	$\frac{1}{4}$	$\frac{13}{40}$	$\frac{27}{80}$	$\Phi_{80}^{9}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{9}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
14278	477	156	$\frac{1}{26}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{25}{78}$	$\Phi_{156}^{4}\ \Phi_{78}^{5}\ \Phi_{39}^{5}\ \Phi_{12}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
14279	477	64	$\frac{1}{16}$	$\frac{11}{64}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{64}^{9}\ \Phi_{32}^{9}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
14280	477	77	$\frac{5}{77}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{24}{77}$	$\Phi_{77}^{6}\ \Phi_{11}^{6}\ \Phi_{7}^{8}\ \Phi_{1}^{9}$
14281	477	65	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{65}^{7}\ \Phi_{13}^{9}\ \Phi_{5}^{6}\ \Phi_{1}^{9}$
14282	477	60	$\frac{1}{10}$	$\frac{7}{60}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{60}^{9}\ \Phi_{30}^{9}\ \Phi_{20}^{5}\ \Phi_{15}^{9}\ \Phi_{12}^{9}\ \Phi_{10}^{7}\ \Phi_{6}^{9}\ \Phi_{5}^{7}\ \Phi_{4}^{4}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
14283	477	224	$\frac{3}{32}$	$\frac{29}{224}$	$\frac{1}{4}$	$\frac{65}{224}$	$\Phi_{224}^{2}\ \Phi_{112}^{2}\ \Phi_{56}^{2}\ \Phi_{32}^{3}\ \Phi_{28}^{2}\ \Phi_{16}^{3}\ \Phi_{14}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
14284	477	70	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{17}{70}$	$\frac{19}{70}$	$\Phi_{70}^{7}\ \Phi_{35}^{7}\ \Phi_{14}^{6}\ \Phi_{10}^{7}\ \Phi_{7}^{6}\ \Phi_{5}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
14285	477	360	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{90}^{2}\ \Phi_{72}\ \Phi_{45}^{2}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
14286	477	56	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{56}^{9}\ \Phi_{28}^{9}\ \Phi_{14}^{9}\ \Phi_{8}^{9}\ \Phi_{7}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
14287	477	208	$\frac{3}{52}$	$\frac{49}{208}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{208}^{3}\ \Phi_{104}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
14288	477	260	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{260}^{2}\ \Phi_{130}^{2}\ \Phi_{65}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
14289	477	200	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{200}$	$\frac{1}{4}$	$\Phi_{200}^{3}\ \Phi_{100}\ \Phi_{50}^{2}\ \Phi_{40}^{3}\ \Phi_{25}^{2}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
14290	477	68	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{34}$	$\frac{15}{68}$	$\Phi_{68}^{9}\ \Phi_{34}^{4}\ \Phi_{17}^{6}\ \Phi_{4}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{7}$
14291	478	474	$\frac{2}{237}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{235}{474}$	$\Phi_{474}^{2}\ \Phi_{158}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
14292	478	960	$\frac{1}{80}$	$\frac{81}{320}$	$\frac{1}{3}$	$\frac{79}{160}$	$\Phi_{960}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
14293	478	1416	$\frac{3}{236}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{233}{472}$	$\Phi_{1416}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
14294	478	1410	$\frac{4}{235}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{231}{470}$	$\Phi_{1410}\ \Phi_{282}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
14295	478	424	$\frac{1}{53}$	$\frac{27}{212}$	$\frac{185}{424}$	$\frac{26}{53}$	$\Phi_{424}^{2}\ \Phi_{53}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
14296	478	318	$\frac{1}{53}$	$\frac{79}{318}$	$\frac{27}{106}$	$\frac{26}{53}$	$\Phi_{318}^{2}\ \Phi_{159}^{2}\ \Phi_{53}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
14297	478	288	$\frac{1}{48}$	$\frac{49}{288}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{288}^{2}\ \Phi_{144}^{2}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
14298	478	468	$\frac{5}{234}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{229}{468}$	$\Phi_{468}^{2}\ \Phi_{156}^{2}\ \Phi_{52}^{2}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
14299	478	468	$\frac{5}{234}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{229}{468}$	$\Phi_{468}^{2}\ \Phi_{156}^{2}\ \Phi_{52}^{2}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
14300	478	465	$\frac{13}{465}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{226}{465}$	$\Phi_{465}\ \Phi_{155}\ \Phi_{93}\ \Phi_{31}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
14301	478	1392	$\frac{7}{232}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{225}{464}$	$\Phi_{1392}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
14302	478	1380	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{221}{460}$	$\Phi_{1380}\ \Phi_{276}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
14303	478	459	$\frac{19}{459}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{220}{459}$	$\Phi_{459}\ \Phi_{153}\ \Phi_{51}\ \Phi_{27}^{2}\ \Phi_{17}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
14304	478	456	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{217}{456}$	$\Phi_{456}^{2}\ \Phi_{152}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
14305	478	324	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{85}{324}$	$\frac{77}{162}$	$\Phi_{324}^{2}\ \Phi_{108}^{2}\ \Phi_{81}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
14306	478	450	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{211}{450}$	$\Phi_{450}^{2}\ \Phi_{150}^{2}\ \Phi_{90}^{2}\ \Phi_{50}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
14307	478	768	$\frac{1}{16}$	$\frac{17}{256}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
14308	478	1344	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{1}{3}$	$\frac{209}{448}$	$\Phi_{1344}\ \Phi_{192}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
14309	478	1320	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{1}{3}$	$\frac{201}{440}$	$\Phi_{1320}\ \Phi_{264}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
14310	478	432	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{1}{3}$	$\frac{193}{432}$	$\Phi_{432}^{2}\ \Phi_{144}^{2}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
14311	478	432	$\frac{23}{216}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{193}{432}$	$\Phi_{432}^{2}\ \Phi_{144}^{2}\ \Phi_{48}^{2}\ \Phi_{27}^{2}\ \Phi_{16}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
14312	478	351	$\frac{5}{117}$	$\frac{1}{9}$	$\frac{112}{351}$	$\frac{4}{9}$	$\Phi_{351}^{2}\ \Phi_{27}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
14313	478	252	$\frac{13}{252}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{252}^{2}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
14314	478	420	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{1}{3}$	$\frac{181}{420}$	$\Phi_{420}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
14315	478	270	$\frac{1}{9}$	$\frac{31}{270}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
14316	478	405	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{405}$	$\frac{166}{405}$	$\Phi_{405}\ \Phi_{135}\ \Phi_{81}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
14317	478	1200	$\frac{1}{40}$	$\frac{39}{200}$	$\frac{1}{3}$	$\frac{161}{400}$	$\Phi_{1200}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
14318	478	384	$\frac{1}{48}$	$\frac{47}{192}$	$\frac{1}{3}$	$\frac{145}{384}$	$\Phi_{384}^2\ \Phi_{128}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
14319	478	360	$\frac{1}{60}$	$\frac{59}{180}$	$\frac{1}{3}$	$\frac{121}{360}$	$\Phi_{360}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
14320	478	288	$\frac{1}{24}$	$\frac{49}{288}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
14321	478	270	$\frac{1}{15}$	$\frac{31}{270}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
14322	478	336	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{97}{336}$	$\frac{1}{3}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
14323	478	252	$\frac{13}{252}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
14324	478	312	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{73}{312}$	$\frac{1}{3}$	$\Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
14325	478	300	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{61}{300}$	$\frac{1}{3}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
14326	478	324	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{108}$	$\frac{85}{324}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
14327	480	357	$\frac{1}{119}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{59}{119}$	$\Phi_{357}\ \Phi_{119}^2\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
14328	480	479	$\frac{5}{479}$	$\frac{121}{479}$	$\frac{179}{479}$	$\frac{237}{479}$	$\Phi_{479}\ \Phi_1^2$
14329	480	760	$\frac{1}{95}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{47}{95}$	$\Phi_{760}\ \Phi_{152}\ \Phi_{95}\ \Phi_{40}\ \Phi_{19}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
14330	480	723	$\frac{3}{241}$	$\frac{61}{241}$	$\frac{1}{3}$	$\frac{119}{241}$	Φ_{723}
14331	480	395	$\frac{1}{79}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{39}{79}$	$\Phi_{395}\ \Phi_{79}^2\ \Phi_5^2\ \Phi_1^4$
14332	480	948	$\frac{1}{79}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{39}{79}$	$\Phi_{948}\ \Phi_{474}\ \Phi_{12}^2\ \Phi_6^2$
14333	480	479	$\frac{7}{479}$	$\frac{81}{479}$	$\frac{199}{479}$	$\frac{236}{479}$	$\Phi_{479}\ \Phi_1^2$
14334	480	413	$\frac{1}{59}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{29}{59}$	$\Phi_{413}\ \Phi_{59}^2\ \Phi_7^2\ \Phi_1^4$
14335	480	885	$\frac{1}{59}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{29}{59}$	$\Phi_{885}\ \Phi_{15}^2$
14336	480	644	$\frac{3}{161}$	$\frac{1}{4}$	$\frac{41}{161}$	$\frac{79}{161}$	$\Phi_{644}\ \Phi_{322}\ \Phi_{92}\ \Phi_{46}\ \Phi_{28}\ \Phi_{14}$
14337	480	479	$\frac{9}{479}$	$\frac{61}{479}$	$\frac{209}{479}$	$\frac{235}{479}$	$\Phi_{479}\ \Phi_1^2$
14338	480	479	$\frac{9}{479}$	$\frac{119}{479}$	$\frac{122}{479}$	$\frac{235}{479}$	$\Phi_{479}\ \Phi_1^2$
14339	480	723	$\frac{5}{241}$	$\frac{41}{241}$	$\frac{1}{3}$	$\frac{118}{241}$	Φ_{723}
14340	480	423	$\frac{1}{47}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{23}{47}$	$\Phi_{423}\ \Phi_{141}\ \Phi_{47}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
14341	480	282	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{282}^2\ \Phi_{141}\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
14342	480	479	$\frac{11}{479}$	$\frac{49}{479}$	$\frac{215}{479}$	$\frac{234}{479}$	$\Phi_{479}\ \Phi_1^2$
14343	480	605	$\frac{3}{121}$	$\frac{1}{5}$	$\frac{31}{121}$	$\frac{59}{121}$	$\Phi_{605}\ \Phi_{55}$
14344	480	429	$\frac{1}{39}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{19}{39}$	$\Phi_{429}\ \Phi_{143}\ \Phi_{39}^2\ \Phi_{33}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
14345	480	273	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{273}^2\ \Phi_{91}^2\ \Phi_{21}^3\ \Phi_7^2$
14346	480	429	$\frac{1}{39}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{19}{39}$	$\Phi_{429}\ \Phi_{143}\ \Phi_{39}^2\ \Phi_{33}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
14347	480	780	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{19}{39}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{130}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
14348	480	479	$\frac{13}{479}$	$\frac{41}{479}$	$\frac{219}{479}$	$\frac{233}{479}$	$\Phi_{479}\ \Phi_1^2$
14349	480	479	$\frac{13}{479}$	$\frac{89}{479}$	$\frac{123}{479}$	$\frac{233}{479}$	$\Phi_{479}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
14350	480	723	$\frac{7}{241}$	$\frac{31}{241}$	$\frac{1}{3}$	$\frac{117}{241}$	Φ_{723}
14351	480	582	$\frac{3}{97}$	$\frac{1}{6}$	$\frac{25}{97}$	$\frac{47}{97}$	$\Phi_{582}\ \Phi_{291}\ \Phi_{194}$
14352	480	868	$\frac{1}{31}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{15}{31}$	$\Phi_{868}\ \Phi_{124}\ \Phi_{31}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
14353	480	217	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{15}{31}$	$\Phi_{217}^2\ \Phi_{31}^3\ \Phi_7^4\ \Phi_1^6$
14354	480	372	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{372}^2\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{31}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
14355	480	435	$\frac{1}{29}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{14}{29}$	$\Phi_{435}\ \Phi_{145}\ \Phi_{87}\ \Phi_{29}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
14356	480	261	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{261}^2\ \Phi_{87}\ \Phi_{29}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
14357	480	145	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{14}{29}$	$\Phi_{145}^3\ \Phi_{29}^4\ \Phi_5^6\ \Phi_1^8$
14358	480	479	$\frac{17}{479}$	$\frac{31}{479}$	$\frac{224}{479}$	$\frac{231}{479}$	$\Phi_{479}\ \Phi_1^2$
14359	480	479	$\frac{17}{479}$	$\frac{62}{479}$	$\frac{139}{479}$	$\frac{231}{479}$	$\Phi_{479}\ \Phi_1^2$
14360	480	479	$\frac{17}{479}$	$\frac{71}{479}$	$\frac{124}{479}$	$\frac{231}{479}$	$\Phi_{479}\ \Phi_1^2$
14361	480	189	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{189}^3\ \Phi_{63}^3\ \Phi_{21}^3\ \Phi_7^2$
14362	480	723	$\frac{9}{241}$	$\frac{25}{241}$	$\frac{1}{3}$	$\frac{116}{241}$	Φ_{723}
14363	480	308	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{37}{77}$	$\Phi_{308}^2\ \Phi_{154}^2\ \Phi_{44}^2\ \Phi_{28}^3\ \Phi_{22}^2\ \Phi_{14}^3\ \Phi_4^2\ \Phi_2^2$
14364	480	479	$\frac{19}{479}$	$\frac{83}{479}$	$\frac{99}{479}$	$\frac{230}{479}$	$\Phi_{479}\ \Phi_1^2$
14365	480	605	$\frac{5}{121}$	$\frac{21}{121}$	$\frac{1}{5}$	$\frac{58}{121}$	$\Phi_{605}\ \Phi_{55}$
14366	480	437	$\frac{1}{23}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{11}{23}$	$\Phi_{437}\ \Phi_{23}^2\ \Phi_{19}^2\ \Phi_1^4$
14367	480	759	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{759}\ \Phi_{33}^2$
14368	480	92	$\frac{1}{23}$	$\frac{3}{23}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{92}^7\ \Phi_{46}^7\ \Phi_4^6\ \Phi_2^6$
14369	480	437	$\frac{1}{23}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{11}{23}$	$\Phi_{437}\ \Phi_{23}^2\ \Phi_{19}^2\ \Phi_1^4$
14370	480	690	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
14371	480	479	$\frac{21}{479}$	$\frac{25}{479}$	$\frac{227}{479}$	$\frac{229}{479}$	$\Phi_{479}\ \Phi_1^2$
14372	480	479	$\frac{21}{479}$	$\frac{50}{479}$	$\frac{143}{479}$	$\frac{229}{479}$	$\Phi_{479}\ \Phi_1^2$
14373	480	479	$\frac{21}{479}$	$\frac{59}{479}$	$\frac{125}{479}$	$\frac{229}{479}$	$\Phi_{479}\ \Phi_1^2$
14374	480	723	$\frac{11}{241}$	$\frac{21}{241}$	$\frac{1}{3}$	$\frac{115}{241}$	Φ_{723}
14375	480	549	$\frac{3}{61}$	$\frac{1}{9}$	$\frac{16}{61}$	$\frac{29}{61}$	$\Phi_{549}\ \Phi_{183}$
14376	480	582	$\frac{5}{97}$	$\frac{1}{6}$	$\frac{17}{97}$	$\frac{46}{97}$	$\Phi_{582}\ \Phi_{291}\ \Phi_{194}$
14377	480	479	$\frac{25}{479}$	$\frac{63}{479}$	$\frac{104}{479}$	$\frac{227}{479}$	$\Phi_{479}\ \Phi_1^2$
14378	480	479	$\frac{25}{479}$	$\frac{79}{479}$	$\frac{84}{479}$	$\frac{227}{479}$	$\Phi_{479}\ \Phi_1^2$
14379	480	741	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{741}\ \Phi_{39}^2$
14380	480	437	$\frac{1}{19}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{9}{19}$	$\Phi_{437}\ \Phi_{23}^2\ \Phi_{19}^2\ \Phi_1^4$
14381	480	684	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{114}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
14382	480	437	$\frac{1}{19}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{9}{19}$	$\Phi_{437}\ \Phi_{23}^2\ \Phi_{19}^2\ \Phi_1^4$
14383	480	665	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{665}\ \Phi_{35}^2$
14384	480	644	$\frac{9}{161}$	$\frac{17}{161}$	$\frac{1}{4}$	$\frac{76}{161}$	$\Phi_{644}\ \Phi_{322}\ \Phi_{92}\ \Phi_{46}\ \Phi_{28}\ \Phi_{14}$
14385	480	605	$\frac{7}{121}$	$\frac{16}{121}$	$\frac{1}{5}$	$\frac{57}{121}$	$\Phi_{605}\ \Phi_{55}$
14386	480	479	$\frac{29}{479}$	$\frac{44}{479}$	$\frac{127}{479}$	$\frac{225}{479}$	$\Phi_{479}\ \Phi_1^2$
14387	480	539	$\frac{3}{49}$	$\frac{1}{11}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{539}\ \Phi_{77}$
14388	480	723	$\frac{15}{241}$	$\frac{16}{241}$	$\frac{1}{3}$	$\frac{113}{241}$	Φ_{723}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
14389	480	479	$\frac{31}{479}$	$\frac{51}{479}$	$\frac{107}{479}$	$\frac{224}{479}$	$\Phi_{479}\ \Phi_1^2$
14390	480	240	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
14391	480	435	$\frac{1}{15}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{7}{15}$	$\Phi_{435}\ \Phi_{145}\ \Phi_{87}\ \Phi_{29}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
14392	480	660	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{22}^2$
14393	480	435	$\frac{1}{15}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{7}{15}$	$\Phi_{435}\ \Phi_{145}\ \Phi_{87}\ \Phi_{29}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
14394	480	210	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{210}^3\ \Phi_{105}^2\ \Phi_{70}^3\ \Phi_{42}^4\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^2$
14395	480	479	$\frac{32}{479}$	$\frac{33}{479}$	$\frac{149}{479}$	$\frac{223}{479}$	$\Phi_{479}\ \Phi_1^2$
14396	480	479	$\frac{33}{479}$	$\frac{64}{479}$	$\frac{83}{479}$	$\frac{223}{479}$	$\Phi_{479}\ \Phi_1^2$
14397	480	1428	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{1428}\ \Phi_{204}\ \Phi_{51}$
14398	480	868	$\frac{1}{14}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{13}{28}$	$\Phi_{868}\ \Phi_{124}\ \Phi_{31}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
14399	480	1260	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{180}\ \Phi_{60}\ \Phi_{45}\ \Phi_{15}$
14400	480	582	$\frac{7}{97}$	$\frac{13}{97}$	$\frac{1}{6}$	$\frac{45}{97}$	$\Phi_{582}\ \Phi_{291}\ \Phi_{194}$
14401	480	533	$\frac{3}{41}$	$\frac{1}{13}$	$\frac{11}{41}$	$\frac{19}{41}$	Φ_{533}
14402	480	605	$\frac{9}{121}$	$\frac{13}{121}$	$\frac{1}{5}$	$\frac{56}{121}$	$\Phi_{605}\ \Phi_{55}$
14403	480	479	$\frac{35}{479}$	$\frac{37}{479}$	$\frac{129}{479}$	$\frac{221}{479}$	$\Phi_{479}\ \Phi_1^2$
14404	480	479	$\frac{37}{479}$	$\frac{43}{479}$	$\frac{109}{479}$	$\frac{221}{479}$	$\Phi_{479}\ \Phi_1^2$
14405	480	723	$\frac{13}{241}$	$\frac{19}{241}$	$\frac{1}{3}$	$\frac{111}{241}$	Φ_{723}
14406	480	549	$\frac{5}{61}$	$\frac{1}{9}$	$\frac{11}{61}$	$\frac{28}{61}$	$\Phi_{549}\ \Phi_{183}$
14407	480	479	$\frac{26}{479}$	$\frac{41}{479}$	$\frac{151}{479}$	$\frac{219}{479}$	$\Phi_{479}\ \Phi_1^2$
14408	480	479	$\frac{41}{479}$	$\frac{65}{479}$	$\frac{69}{479}$	$\frac{219}{479}$	$\Phi_{479}\ \Phi_1^2$
14409	480	567	$\frac{7}{81}$	$\frac{11}{81}$	$\frac{1}{7}$	$\frac{37}{81}$	$\Phi_{567}\ \Phi_{189}\ \Phi_{63}\ \Phi_{21}$
14410	480	479	$\frac{43}{479}$	$\frac{49}{479}$	$\frac{87}{479}$	$\frac{218}{479}$	$\Phi_{479}\ \Phi_1^2$
14411	480	231	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{231}^2\ \Phi_{77}^2\ \Phi_{33}\ \Phi_{21}^4\ \Phi_{11}^2\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
14412	480	176	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{176}^3\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
14413	480	143	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{3}{13}$	$\frac{5}{11}$	$\Phi_{143}^3\ \Phi_{13}^6\ \Phi_{11}^4\ \Phi_1^8$
14414	480	55	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{55}^{11}\ \Phi_5^{10}$
14415	480	429	$\frac{1}{11}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{5}{11}$	$\Phi_{429}\ \Phi_{143}\ \Phi_{39}^2\ \Phi_{33}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
14416	480	198	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{198}^3\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{18}^6\ \Phi_{11}^2\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
14417	480	644	$\frac{11}{161}$	$\frac{15}{161}$	$\frac{1}{4}$	$\frac{73}{161}$	$\Phi_{644}\ \Phi_{322}\ \Phi_{92}\ \Phi_{46}\ \Phi_{28}\ \Phi_{14}$
14418	480	479	$\frac{29}{479}$	$\frac{45}{479}$	$\frac{131}{479}$	$\frac{217}{479}$	$\Phi_{479}\ \Phi_1^2$
14419	480	723	$\frac{11}{241}$	$\frac{23}{241}$	$\frac{1}{3}$	$\frac{109}{241}$	Φ_{723}
14420	480	539	$\frac{1}{11}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{539}\ \Phi_{77}$
14421	480	479	$\frac{44}{479}$	$\frac{49}{479}$	$\frac{87}{479}$	$\frac{215}{479}$	$\Phi_{479}\ \Phi_1^2$
14422	480	479	$\frac{51}{479}$	$\frac{53}{479}$	$\frac{71}{479}$	$\frac{214}{479}$	$\Phi_{479}\ \Phi_1^2$
14423	480	225	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{225}^2\ \Phi_{75}^3\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{15}^3\ \Phi_5^2$
14424	480	423	$\frac{2}{47}$	$\frac{1}{9}$	$\frac{15}{47}$	$\frac{4}{9}$	$\Phi_{423}\ \Phi_{141}\ \Phi_{47}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
14425	480	612	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{34}^2$
14426	480	423	$\frac{3}{47}$	$\frac{1}{9}$	$\frac{11}{47}$	$\frac{4}{9}$	$\Phi_{423}\ \Phi_{141}\ \Phi_{47}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
14427	480	585	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{65}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
14428	480	423	$\frac{5}{47}$	$\frac{1}{9}$	$\frac{7}{47}$	$\frac{4}{9}$	$\Phi_{423}\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
14429	480	63	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{63}^9\ \Phi_{21}^9\ \Phi_{7}^8$
14430	480	582	$\frac{9}{97}$	$\frac{11}{97}$	$\frac{1}{6}$	$\frac{43}{97}$	$\Phi_{582}\ \Phi_{291}\ \Phi_{194}$
14431	480	479	$\frac{39}{479}$	$\frac{55}{479}$	$\frac{89}{479}$	$\frac{212}{479}$	$\Phi_{479}\ \Phi_{1}^2$
14432	480	644	$\frac{9}{161}$	$\frac{19}{161}$	$\frac{1}{4}$	$\frac{71}{161}$	$\Phi_{644}\ \Phi_{322}\ \Phi_{92}\ \Phi_{46}\ \Phi_{28}\ \Phi_{14}$
14433	480	479	$\frac{23}{479}$	$\frac{57}{479}$	$\frac{134}{479}$	$\frac{211}{479}$	$\Phi_{479}\ \Phi_{1}^2$
14434	480	525	$\frac{1}{21}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{525}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{35}\ \Phi_{15}$
14435	480	723	$\frac{9}{241}$	$\frac{29}{241}$	$\frac{1}{3}$	$\frac{106}{241}$	Φ_{723}
14436	480	479	$\frac{27}{479}$	$\frac{61}{479}$	$\frac{113}{479}$	$\frac{209}{479}$	$\Phi_{479}\ \Phi_{1}^2$
14437	480	479	$\frac{17}{479}$	$\frac{65}{479}$	$\frac{154}{479}$	$\frac{207}{479}$	$\Phi_{479}\ \Phi_{1}^2$
14438	480	479	$\frac{34}{479}$	$\frac{65}{479}$	$\frac{89}{479}$	$\frac{207}{479}$	$\Phi_{479}\ \Phi_{1}^2$
14439	480	651	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{651}\ \Phi_{93}^2$
14440	480	413	$\frac{2}{59}$	$\frac{1}{7}$	$\frac{19}{59}$	$\frac{3}{7}$	$\Phi_{413}\ \Phi_{59}^2\ \Phi_{7}^2\ \Phi_{1}^4$
14441	480	175	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{175}^3\ \Phi_{35}^3\ \Phi_{25}^2\ \Phi_{5}^2$
14442	480	84	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{84}^8\ \Phi_{42}^8\ \Phi_{28}^7\ \Phi_{14}^7\ \Phi_{12}^8\ \Phi_{6}^8\ \Phi_{4}^6\ \Phi_{2}^6$
14443	480	413	$\frac{3}{59}$	$\frac{1}{7}$	$\frac{14}{59}$	$\frac{3}{7}$	$\Phi_{413}\ \Phi_{59}^2\ \Phi_{7}^2\ \Phi_{1}^4$
14444	480	560	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{80}^2\ \Phi_{70}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
14445	480	413	$\frac{4}{59}$	$\frac{1}{7}$	$\frac{11}{59}$	$\frac{3}{7}$	$\Phi_{413}\ \Phi_{59}^2\ \Phi_{7}^2\ \Phi_{1}^4$
14446	480	546	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{546}\ \Phi_{273}\ \Phi_{182}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2$
14447	480	413	$\frac{5}{59}$	$\frac{1}{7}$	$\frac{9}{59}$	$\frac{3}{7}$	$\Phi_{413}\ \Phi_{59}^2\ \Phi_{7}^2\ \Phi_{1}^4$
14448	480	77	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{77}^7\ \Phi_{11}^6$
14449	480	549	$\frac{1}{9}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{26}{61}$	$\Phi_{549}\ \Phi_{183}$
14450	480	479	$\frac{53}{479}$	$\frac{55}{479}$	$\frac{71}{479}$	$\frac{204}{479}$	$\Phi_{479}\ \Phi_{1}^2$
14451	480	479	$\frac{23}{479}$	$\frac{73}{479}$	$\frac{114}{479}$	$\frac{203}{479}$	$\Phi_{479}\ \Phi_{1}^2$
14452	480	479	$\frac{41}{479}$	$\frac{69}{479}$	$\frac{73}{479}$	$\frac{203}{479}$	$\Phi_{479}\ \Phi_{1}^2$
14453	480	582	$\frac{7}{97}$	$\frac{15}{97}$	$\frac{1}{6}$	$\frac{41}{97}$	$\Phi_{582}\ \Phi_{291}\ \Phi_{194}$
14454	480	605	$\frac{7}{121}$	$\frac{19}{121}$	$\frac{1}{5}$	$\frac{51}{121}$	$\Phi_{605}\ \Phi_{55}$
14455	480	276	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{1}{4}$	$\frac{29}{69}$	$\Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{2}^2$
14456	480	479	$\frac{17}{479}$	$\frac{77}{479}$	$\frac{139}{479}$	$\frac{201}{479}$	$\Phi_{479}\ \Phi_{1}^2$
14457	480	527	$\frac{1}{17}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	Φ_{527}
14458	480	723	$\frac{7}{241}$	$\frac{39}{241}$	$\frac{1}{3}$	$\frac{101}{241}$	Φ_{723}
14459	480	479	$\frac{14}{479}$	$\frac{81}{479}$	$\frac{155}{479}$	$\frac{199}{479}$	$\Phi_{479}\ \Phi_{1}^2$
14460	480	479	$\frac{35}{479}$	$\frac{74}{479}$	$\frac{81}{479}$	$\frac{199}{479}$	$\Phi_{479}\ \Phi_{1}^2$
14461	480	533	$\frac{1}{13}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	Φ_{533}
14462	480	527	$\frac{1}{31}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	Φ_{527}
14463	480	479	$\frac{47}{479}$	$\frac{54}{479}$	$\frac{85}{479}$	$\frac{197}{479}$	$\Phi_{479}\ \Phi_{1}^2$
14464	480	549	$\frac{6}{61}$	$\frac{1}{9}$	$\frac{11}{61}$	$\frac{25}{61}$	$\Phi_{549}\ \Phi_{183}$
14465	480	189	$\frac{2}{27}$	$\frac{1}{7}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{189}^3\ \Phi_{63}^3\ \Phi_{21}^3\ \Phi_{7}^2$
14466	480	479	$\frac{34}{479}$	$\frac{71}{479}$	$\frac{89}{479}$	$\frac{195}{479}$	$\Phi_{479}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
14467	480	479	$\frac{19}{479}$	$\frac{91}{479}$	$\frac{115}{479}$	$\frac{194}{479}$	$\Phi_{479}\ \Phi_1^2$
14468	480	479	$\frac{24}{479}$	$\frac{91}{479}$	$\frac{95}{479}$	$\frac{194}{479}$	$\Phi_{479}\ \Phi_1^2$
14469	480	605	$\frac{6}{121}$	$\frac{23}{121}$	$\frac{1}{5}$	$\frac{49}{121}$	$\Phi_{605}\ \Phi_{55}$
14470	480	644	$\frac{6}{161}$	$\frac{31}{161}$	$\frac{1}{4}$	$\frac{65}{161}$	$\Phi_{644}\ \Phi_{322}\ \Phi_{92}\ \Phi_{46}\ \Phi_{28}\ \Phi_{14}$
14471	480	479	$\frac{14}{479}$	$\frac{93}{479}$	$\frac{143}{479}$	$\frac{193}{479}$	$\Phi_{479}\ \Phi_1^2$
14472	480	723	$\frac{6}{241}$	$\frac{47}{241}$	$\frac{1}{3}$	$\frac{97}{241}$	Φ_{723}
14473	480	615	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{615}\ \Phi_{123}^2$
14474	480	395	$\frac{3}{79}$	$\frac{1}{5}$	$\frac{19}{79}$	$\frac{2}{5}$	$\Phi_{395}\ \Phi_{79}^2\ \Phi_5^2\ \Phi_1^4$
14475	480	105	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{105}^5\ \Phi_{35}^5\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_7^4\ \Phi_3^4$
14476	480	395	$\frac{4}{79}$	$\frac{15}{79}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{395}\ \Phi_{79}^2\ \Phi_5^2\ \Phi_1^4$
14477	480	510	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}^2$
14478	480	395	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{395}\ \Phi_{79}^2\ \Phi_5^2\ \Phi_1^4$
14479	480	495	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}^2\ \Phi_{33}^2$
14480	480	479	$\frac{24}{479}$	$\frac{91}{479}$	$\frac{97}{479}$	$\frac{191}{479}$	$\Phi_{479}\ \Phi_1^2$
14481	480	479	$\frac{29}{479}$	$\frac{75}{479}$	$\frac{101}{479}$	$\frac{189}{479}$	$\Phi_{479}\ \Phi_1^2$
14482	480	528	$\frac{1}{16}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
14483	480	533	$\frac{1}{13}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	Φ_{533}
14484	480	539	$\frac{1}{11}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{539}\ \Phi_{77}$
14485	480	479	$\frac{43}{479}$	$\frac{49}{479}$	$\frac{109}{479}$	$\frac{185}{479}$	$\Phi_{479}\ \Phi_1^2$
14486	480	533	$\frac{1}{41}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{533}
14487	480	479	$\frac{35}{479}$	$\frac{59}{479}$	$\frac{111}{479}$	$\frac{184}{479}$	$\Phi_{479}\ \Phi_1^2$
14488	480	567	$\frac{5}{81}$	$\frac{1}{7}$	$\frac{19}{81}$	$\frac{31}{81}$	$\Phi_{567}\ \Phi_{189}\ \Phi_{63}\ \Phi_{21}$
14489	480	479	$\frac{27}{479}$	$\frac{74}{479}$	$\frac{113}{479}$	$\frac{183}{479}$	$\Phi_{479}\ \Phi_1^2$
14490	480	582	$\frac{5}{97}$	$\frac{1}{6}$	$\frac{23}{97}$	$\frac{37}{97}$	$\Phi_{582}\ \Phi_{291}\ \Phi_{194}$
14491	480	605	$\frac{5}{121}$	$\frac{1}{5}$	$\frac{29}{121}$	$\frac{46}{121}$	$\Phi_{605}\ \Phi_{55}$
14492	480	479	$\frac{19}{479}$	$\frac{99}{479}$	$\frac{115}{479}$	$\frac{182}{479}$	$\Phi_{479}\ \Phi_1^2$
14493	480	644	$\frac{5}{161}$	$\frac{39}{161}$	$\frac{1}{4}$	$\frac{61}{161}$	$\Phi_{644}\ \Phi_{322}\ \Phi_{92}\ \Phi_{46}\ \Phi_{28}\ \Phi_{14}$
14494	480	479	$\frac{11}{479}$	$\frac{117}{479}$	$\frac{149}{479}$	$\frac{181}{479}$	$\Phi_{479}\ \Phi_1^2$
14495	480	723	$\frac{5}{241}$	$\frac{59}{241}$	$\frac{1}{3}$	$\frac{91}{241}$	Φ_{723}
14496	480	1176	$\frac{1}{49}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1176}\ \Phi_{168}\ \Phi_{147}\ \Phi_{21}$
14497	480	760	$\frac{2}{95}$	$\frac{1}{4}$	$\frac{31}{95}$	$\frac{3}{8}$	$\Phi_{760}\ \Phi_{152}\ \Phi_{95}\ \Phi_{40}\ \Phi_{19}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
14498	480	264	$\frac{1}{33}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^3\ \Phi_{132}\ \Phi_{88}^3\ \Phi_{66}\ \Phi_{44}\ \Phi_{24}^3\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
14499	480	760	$\frac{3}{95}$	$\frac{23}{95}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{760}\ \Phi_{152}\ \Phi_{95}\ \Phi_{40}\ \Phi_{19}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
14500	480	200	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{200}^4\ \Phi_{40}^3\ \Phi_{25}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_1^4$
14501	480	152	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{152}^5\ \Phi_{19}^5\ \Phi_8^6\ \Phi_1^6$
14502	480	952	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{952}\ \Phi_{119}$
14503	480	760	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{760}\ \Phi_{152}\ \Phi_{95}\ \Phi_{40}\ \Phi_{19}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
14504	480	936	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{117}\ \Phi_{39}$
14505	480	479	$\frac{15}{479}$	$\frac{116}{479}$	$\frac{121}{479}$	$\frac{179}{479}$	$\Phi_{479}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
14506	480	479	$\frac{19}{479}$	$\frac{92}{479}$	$\frac{129}{479}$	$\frac{175}{479}$	$\Phi_{479}\ \Phi_1^2$
14507	480	525	$\frac{1}{21}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{525}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{35}\ \Phi_{15}$
14508	480	527	$\frac{1}{17}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	Φ_{527}
14509	480	479	$\frac{31}{479}$	$\frac{56}{479}$	$\frac{141}{479}$	$\frac{169}{479}$	$\Phi_{479}\ \Phi_1^2$
14510	480	479	$\frac{39}{479}$	$\frac{44}{479}$	$\frac{145}{479}$	$\frac{167}{479}$	$\Phi_{479}\ \Phi_1^2$
14511	480	539	$\frac{4}{49}$	$\frac{1}{11}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{539}\ \Phi_{77}$
14512	480	549	$\frac{4}{61}$	$\frac{1}{9}$	$\frac{19}{61}$	$\frac{21}{61}$	$\Phi_{549}\ \Phi_{183}$
14513	480	479	$\frac{26}{479}$	$\frac{63}{479}$	$\frac{151}{479}$	$\frac{164}{479}$	$\Phi_{479}\ \Phi_1^2$
14514	480	479	$\frac{20}{479}$	$\frac{79}{479}$	$\frac{153}{479}$	$\frac{163}{479}$	$\Phi_{479}\ \Phi_1^2$
14515	480	582	$\frac{4}{97}$	$\frac{1}{6}$	$\frac{31}{97}$	$\frac{33}{97}$	$\Phi_{582}\ \Phi_{291}\ \Phi_{194}$
14516	480	605	$\frac{4}{121}$	$\frac{1}{5}$	$\frac{39}{121}$	$\frac{41}{121}$	$\Phi_{605}\ \Phi_{55}$
14517	480	479	$\frac{8}{479}$	$\frac{157}{479}$	$\frac{159}{479}$	$\frac{161}{479}$	$\Phi_{479}\ \Phi_1^2$
14518	480	723	$\frac{4}{241}$	$\frac{79}{241}$	$\frac{1}{3}$	$\frac{81}{241}$	Φ_{723}
14519	480	183	$\frac{1}{61}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{183}^3\ \Phi_{61}^2$
14520	480	357	$\frac{2}{119}$	$\frac{39}{119}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{357}\ \Phi_{119}^2\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
14521	480	492	$\frac{1}{41}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{492}\ \Phi_{246}\ \Phi_{164}^2\ \Phi_{82}^2$
14522	480	357	$\frac{3}{119}$	$\frac{29}{119}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{357}\ \Phi_{119}^2\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
14523	480	465	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{465}\ \Phi_{155}^2$
14524	480	357	$\frac{4}{119}$	$\frac{23}{119}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{357}\ \Phi_{119}^2\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
14525	480	150	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{150}^4\ \Phi_{75}^3\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^2\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
14526	480	357	$\frac{5}{119}$	$\frac{19}{119}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{357}\ \Phi_{119}^2\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
14527	480	21	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{21}^{23}\ \Phi_7^{22}\ \Phi_3^{24}\ \Phi_1^{24}$
14528	480	51	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{51}^7\ \Phi_{17}^{14}\ \Phi_3^8\ \Phi_1^{16}$
14529	480	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{144}^4\ \Phi_{72}^4\ \Phi_{48}^3\ \Phi_{36}^4\ \Phi_{24}^3\ \Phi_{18}^4\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
14530	480	357	$\frac{9}{119}$	$\frac{11}{119}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{357}\ \Phi_{119}^2\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
14531	480	429	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{429}\ \Phi_{143}^2$
14532	480	885	$\frac{2}{59}$	$\frac{1}{5}$	$\frac{19}{59}$	$\frac{1}{3}$	$\Phi_{885}\ \Phi_{15}^2$
14533	480	723	$\frac{10}{241}$	$\frac{41}{241}$	$\frac{77}{241}$	$\frac{1}{3}$	Φ_{723}
14534	480	282	$\frac{2}{47}$	$\frac{1}{6}$	$\frac{15}{47}$	$\frac{1}{3}$	$\Phi_{282}^2\ \Phi_{141}\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
14535	480	819	$\frac{2}{39}$	$\frac{1}{7}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{819}\ \Phi_{63}\ \Phi_{21}$
14536	480	723	$\frac{13}{241}$	$\frac{33}{241}$	$\frac{76}{241}$	$\frac{1}{3}$	Φ_{723}
14537	480	261	$\frac{2}{29}$	$\frac{1}{9}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{261}^2\ \Phi_{87}\ \Phi_{29}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
14538	480	759	$\frac{2}{23}$	$\frac{1}{11}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{759}\ \Phi_{33}^2$
14539	480	723	$\frac{21}{241}$	$\frac{22}{241}$	$\frac{73}{241}$	$\frac{1}{3}$	Φ_{723}
14540	480	723	$\frac{17}{241}$	$\frac{28}{241}$	$\frac{71}{241}$	$\frac{1}{3}$	Φ_{723}
14541	480	720	$\frac{1}{16}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
14542	480	357	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{357}^2\ \Phi_{51}^3$
14543	480	231	$\frac{1}{21}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{231}^2\ \Phi_{77}^2\ \Phi_{33}\ \Phi_{21}^4\ \Phi_{11}^2\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
14544	480	723	$\frac{11}{241}$	$\frac{46}{241}$	$\frac{65}{241}$	$\frac{1}{3}$	Φ_{723}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
14545	480	675	$\frac{1}{25}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{675}\ \Phi_{135}\ \Phi_{75}\ \Phi_{15}$
14546	480	723	$\frac{9}{241}$	$\frac{58}{241}$	$\frac{61}{241}$	$\frac{1}{3}$	Φ_{723}
14547	480	948	$\frac{3}{79}$	$\frac{19}{79}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{948}\ \Phi_{474}\ \Phi_{12}^2\ \Phi_{6}^2$
14548	480	420	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
14549	480	948	$\frac{4}{79}$	$\frac{15}{79}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{948}\ \Phi_{474}\ \Phi_{12}^2\ \Phi_{6}^2$
14550	480	204	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^3\ \Phi_{102}\ \Phi_{68}^4\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2$
14551	480	948	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{948}\ \Phi_{474}\ \Phi_{12}^2\ \Phi_{6}^2$
14552	480	396	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{22}^2$
14553	480	885	$\frac{3}{59}$	$\frac{1}{5}$	$\frac{14}{59}$	$\frac{1}{3}$	$\Phi_{885}\ \Phi_{15}^2$
14554	480	723	$\frac{13}{241}$	$\frac{46}{241}$	$\frac{57}{241}$	$\frac{1}{3}$	Φ_{723}
14555	480	282	$\frac{3}{47}$	$\frac{1}{6}$	$\frac{11}{47}$	$\frac{1}{3}$	$\Phi_{282}^2\ \Phi_{141}\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
14556	480	723	$\frac{17}{241}$	$\frac{37}{241}$	$\frac{56}{241}$	$\frac{1}{3}$	Φ_{723}
14557	480	273	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{273}^3\ \Phi_{21}^4$
14558	480	723	$\frac{21}{241}$	$\frac{31}{241}$	$\frac{55}{241}$	$\frac{1}{3}$	Φ_{723}
14559	480	759	$\frac{1}{11}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{759}\ \Phi_{33}^2$
14560	480	723	$\frac{19}{241}$	$\frac{37}{241}$	$\frac{51}{241}$	$\frac{1}{3}$	Φ_{723}
14561	480	741	$\frac{1}{13}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{741}\ \Phi_{39}^2$
14562	480	723	$\frac{16}{241}$	$\frac{45}{241}$	$\frac{49}{241}$	$\frac{1}{3}$	Φ_{723}
14563	480	240	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_{6}^4$
14564	480	885	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{885}\ \Phi_{15}^2$
14565	480	390	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{390}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{65}^2$
14566	480	885	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{885}\ \Phi_{15}^2$
14567	480	1155	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	Φ_{1155}
14568	480	273	$\frac{4}{39}$	$\frac{1}{7}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{273}^2\ \Phi_{91}^2\ \Phi_{21}^3\ \Phi_{7}^2$
14569	480	723	$\frac{26}{241}$	$\frac{33}{241}$	$\frac{43}{241}$	$\frac{1}{3}$	Φ_{723}
14570	480	261	$\frac{1}{9}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{261}^2\ \Phi_{87}\ \Phi_{29}^2\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^4$
14571	480	723	$\frac{25}{241}$	$\frac{36}{241}$	$\frac{41}{241}$	$\frac{1}{3}$	Φ_{723}
14572	480	282	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{282}^2\ \Phi_{141}\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
14573	480	126	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{126}^6\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{7}^2$
14574	480	828	$\frac{1}{23}$	$\frac{47}{207}$	$\frac{1}{4}$	$\frac{22}{69}$	$\Phi_{828}\ \Phi_{414}\ \Phi_{92}\ \Phi_{46}\ \Phi_{36}\ \Phi_{18}$
14575	480	145	$\frac{2}{29}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{9}{29}$	$\Phi_{145}^3\ \Phi_{29}^4\ \Phi_{5}^6\ \Phi_{1}^8$
14576	480	924	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{71}{231}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
14577	480	479	$\frac{38}{479}$	$\frac{83}{479}$	$\frac{99}{479}$	$\frac{147}{479}$	$\Phi_{479}\ \Phi_{1}^2$
14578	480	605	$\frac{10}{121}$	$\frac{21}{121}$	$\frac{1}{5}$	$\frac{37}{121}$	$\Phi_{605}\ \Phi_{55}$
14579	480	92	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{92}^7\ \Phi_{46}^7\ \Phi_{4}^6\ \Phi_{2}^6$
14580	480	437	$\frac{2}{23}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{7}{23}$	$\Phi_{437}\ \Phi_{23}^2\ \Phi_{19}^2\ \Phi_{1}^4$
14581	480	690	$\frac{2}{23}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
14582	480	479	$\frac{47}{479}$	$\frac{67}{479}$	$\frac{103}{479}$	$\frac{144}{479}$	$\Phi_{479}\ \Phi_{1}^2$
14583	480	582	$\frac{10}{97}$	$\frac{1}{6}$	$\frac{17}{97}$	$\frac{29}{97}$	$\Phi_{582}\ \Phi_{291}\ \Phi_{194}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
14584	480	479	$\frac{50}{479}$	$\frac{79}{479}$	$\frac{84}{479}$	$\frac{143}{479}$	$\Phi_{479}\ \Phi_1^2$
14585	480	605	$\frac{13}{121}$	$\frac{17}{121}$	$\frac{1}{5}$	$\frac{36}{121}$	$\Phi_{605}\ \Phi_{55}$
14586	480	140	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{140}^5\ \Phi_{70}^5\ \Phi_{28}^3\ \Phi_{20}^5\ \Phi_{14}^3\ \Phi_{10}^5\ \Phi_4^2\ \Phi_2^2$
14587	480	231	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{231}^3\ \Phi_{77}\ \Phi_{33}^3$
14588	480	217	$\frac{3}{31}$	$\frac{1}{7}$	$\frac{7}{31}$	$\frac{2}{7}$	$\Phi_{217}^2\ \Phi_{31}^3\ \Phi_7^4\ \Phi_1^6$
14589	480	315	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{45}^3\ \Phi_{15}^3$
14590	480	479	$\frac{43}{479}$	$\frac{74}{479}$	$\frac{109}{479}$	$\frac{135}{479}$	$\Phi_{479}\ \Phi_1^2$
14591	480	549	$\frac{1}{9}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	$\Phi_{549}\ \Phi_{183}$
14592	480	479	$\frac{49}{479}$	$\frac{86}{479}$	$\frac{87}{479}$	$\frac{131}{479}$	$\Phi_{479}\ \Phi_1^2$
14593	480	143	$\frac{1}{13}$	$\frac{2}{11}$	$\frac{3}{13}$	$\frac{3}{11}$	$\Phi_{143}^3\ \Phi_{13}^6\ \Phi_{11}^4\ \Phi_1^8$
14594	480	55	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{55}^{11}\ \Phi_5^{10}$
14595	480	429	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{429}\ \Phi_{143}\ \Phi_{39}^2\ \Phi_{33}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
14596	480	198	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{198}^3\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{18}^6\ \Phi_{11}^2\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
14597	480	479	$\frac{35}{479}$	$\frac{92}{479}$	$\frac{111}{479}$	$\frac{129}{479}$	$\Phi_{479}\ \Phi_1^2$
14598	480	539	$\frac{1}{11}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{539}\ \Phi_{77}$
14599	480	479	$\frac{44}{479}$	$\frac{87}{479}$	$\frac{98}{479}$	$\frac{127}{479}$	$\Phi_{479}\ \Phi_1^2$
14600	480	549	$\frac{1}{9}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{549}\ \Phi_{183}$
14601	480	189	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{189}^4\ \Phi_{63}\ \Phi_{21}$
14602	480	479	$\frac{51}{479}$	$\frac{71}{479}$	$\frac{107}{479}$	$\frac{124}{479}$	$\Phi_{479}\ \Phi_1^2$
14603	480	582	$\frac{9}{97}$	$\frac{1}{6}$	$\frac{22}{97}$	$\frac{25}{97}$	$\Phi_{582}\ \Phi_{291}\ \Phi_{194}$
14604	480	479	$\frac{39}{479}$	$\frac{89}{479}$	$\frac{110}{479}$	$\frac{123}{479}$	$\Phi_{479}\ \Phi_1^2$
14605	480	605	$\frac{9}{121}$	$\frac{1}{5}$	$\frac{28}{121}$	$\frac{31}{121}$	$\Phi_{605}\ \Phi_{55}$
14606	480	260	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{260}^3\ \Phi_{130}^3\ \Phi_{20}^4\ \Phi_{10}^4$
14607	480	644	$\frac{13}{161}$	$\frac{31}{161}$	$\frac{37}{161}$	$\frac{1}{4}$	$\Phi_{644}\ \Phi_{322}\ \Phi_{92}\ \Phi_{46}\ \Phi_{28}\ \Phi_{14}$
14608	480	372	$\frac{3}{31}$	$\frac{1}{6}$	$\frac{7}{31}$	$\frac{1}{4}$	$\Phi_{372}^2\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{31}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
14609	480	644	$\frac{17}{161}$	$\frac{25}{161}$	$\frac{36}{161}$	$\frac{1}{4}$	$\Phi_{644}\ \Phi_{322}\ \Phi_{92}\ \Phi_{46}\ \Phi_{28}\ \Phi_{14}$
14610	480	684	$\frac{1}{9}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{114}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
14611	480	644	$\frac{16}{161}$	$\frac{29}{161}$	$\frac{33}{161}$	$\frac{1}{4}$	$\Phi_{644}\ \Phi_{322}\ \Phi_{92}\ \Phi_{46}\ \Phi_{28}\ \Phi_{14}$
14612	480	220	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{220}^3\ \Phi_{110}^3\ \Phi_{44}^4\ \Phi_{22}^4$
14613	480	780	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{130}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
14614	480	180	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^5\ \Phi_{90}^2\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
14615	480	437	$\frac{3}{23}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{23}$	$\Phi_{437}\ \Phi_{23}^2\ \Phi_{19}^2\ \Phi_1^4$
14616	480	690	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{23}$	$\Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
14617	480	479	$\frac{63}{479}$	$\frac{75}{479}$	$\frac{101}{479}$	$\frac{104}{479}$	$\Phi_{479}\ \Phi_1^2$
14618	480	582	$\frac{13}{97}$	$\frac{1}{6}$	$\frac{19}{97}$	$\frac{21}{97}$	$\Phi_{582}\ \Phi_{291}\ \Phi_{194}$
14619	480	479	$\frac{67}{479}$	$\frac{77}{479}$	$\frac{94}{479}$	$\frac{103}{479}$	$\Phi_{479}\ \Phi_1^2$
14620	480	605	$\frac{17}{121}$	$\frac{19}{121}$	$\frac{1}{5}$	$\frac{26}{121}$	$\Phi_{605}\ \Phi_{55}$
14621	480	665	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{665}\ \Phi_{35}^2$
14622	480	567	$\frac{1}{7}$	$\frac{13}{81}$	$\frac{16}{81}$	$\frac{17}{81}$	$\Phi_{567}\ \Phi_{189}\ \Phi_{63}\ \Phi_{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
14623	480	479	$\frac{64}{479}$	$\frac{83}{479}$	$\frac{95}{479}$	$\frac{99}{479}$	$\Phi_{479}\ \Phi_1^2$
14624	480	605	$\frac{16}{121}$	$\frac{21}{121}$	$\frac{1}{5}$	$\frac{25}{121}$	$\Phi_{605}\ \Phi_{55}$
14625	480	145	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{145}^3\ \Phi_{29}^4\ \Phi_5^6\ \Phi_1^8$
14626	480	210	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{14}^4$
14627	481	768	$\frac{1}{96}$	$\frac{97}{384}$	$\frac{287}{768}$	$\frac{95}{192}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{192}\ \Phi_{64}\ \Phi_1$
14628	481	72	$\frac{1}{36}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{35}{72}$	$\Phi_{72}\ \Phi_{36}^{12}\ \Phi_{24}^2\ \Phi_{18}^{12}\ \Phi_{12}^{12}\ \Phi_9^{12}\ \Phi_8^2\ \Phi_6^{12}\ \Phi_4^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
14629	481	360	$\frac{1}{36}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{360}^3\ \Phi_{120}^3\ \Phi_{72}\ \Phi_{40}^3\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
14630	481	72	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{35}{72}$	$\Phi_{72}^{13}\ \Phi_{24}^{13}\ \Phi_{18}\ \Phi_9\ \Phi_8^{13}\ \Phi_1$
14631	481	144	$\frac{1}{36}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{144}^4\ \Phi_{72}\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{24}\ \Phi_{18}^4\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
14632	481	552	$\frac{2}{69}$	$\frac{71}{552}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{92}\ \Phi_{69}\ \Phi_{24}\ \Phi_{23}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
14633	481	648	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{167}{648}$	$\frac{157}{324}$	$\Phi_{648}\ \Phi_{216}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
14634	481	896	$\frac{1}{32}$	$\frac{33}{448}$	$\frac{415}{896}$	$\frac{31}{64}$	$\Phi_{896}\ \Phi_{128}\ \Phi_{64}\ \Phi_1$
14635	481	924	$\frac{19}{462}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{443}{924}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{132}\ \Phi_{84}\ \Phi_{44}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
14636	481	45	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{45}^{13}\ \Phi_{15}^6\ \Phi_9^{13}\ \Phi_5^6\ \Phi_3^6\ \Phi_1^7$
14637	481	528	$\frac{3}{44}$	$\frac{47}{528}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
14638	481	900	$\frac{1}{15}$	$\frac{31}{450}$	$\frac{14}{45}$	$\frac{419}{900}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{180}\ \Phi_{100}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
14639	481	312	$\frac{2}{39}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{312}^3\ \Phi_{104}^3\ \Phi_{39}\ \Phi_{24}\ \Phi_{13}\ \Phi_8\ \Phi_1$
14640	481	216	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{17}{54}$	$\frac{11}{24}$	$\Phi_{216}^6\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
14641	481	120	$\frac{3}{40}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{40}^5\ \Phi_{30}^4\ \Phi_{24}\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_8^2\ \Phi_6^4\ \Phi_5^5\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
14642	481	48	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{11}{24}$	$\Phi_{48}^{13}\ \Phi_{24}^2\ \Phi_{16}^{13}\ \Phi_{12}^{12}\ \Phi_8^2\ \Phi_6^{12}\ \Phi_4^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
14643	481	360	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{11}{24}$	$\Phi_{360}^3\ \Phi_{120}^3\ \Phi_{45}\ \Phi_{40}^3\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
14644	481	168	$\frac{1}{12}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{168}^6\ \Phi_{56}^6\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
14645	481	660	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{179}{660}$	$\frac{151}{330}$	$\Phi_{660}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{20}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
14646	481	540	$\frac{5}{54}$	$\frac{59}{540}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
14647	481	880	$\frac{3}{44}$	$\frac{41}{440}$	$\frac{1}{4}$	$\frac{399}{880}$	$\Phi_{880}\ \Phi_{176}\ \Phi_{80}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
14648	481	504	$\frac{23}{504}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
14649	481	864	$\frac{1}{24}$	$\frac{49}{432}$	$\frac{23}{72}$	$\frac{383}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
14650	481	864	$\frac{5}{54}$	$\frac{49}{432}$	$\frac{1}{6}$	$\frac{383}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
14651	481	560	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{79}{560}$	$\frac{61}{140}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
14652	481	672	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{191}{672}$	$\frac{145}{336}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
14653	481	840	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{420}$	$\frac{359}{840}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
14654	481	64	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{27}{64}$	$\Phi_{64}^{13}\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
14655	481	828	$\frac{2}{69}$	$\frac{67}{414}$	$\frac{1}{3}$	$\frac{347}{828}$	$\Phi_{828}\ \Phi_{276}\ \Phi_{92}\ \Phi_{69}\ \Phi_{36}\ \Phi_{23}\ \Phi_{12}\ \Phi_4\ \Phi_1$
14656	481	600	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{119}{600}$	$\frac{81}{200}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
14657	481	800	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{81}{400}$	$\frac{319}{800}$	$\Phi_{800}\ \Phi_{160}\ \Phi_{100}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_1$
14658	481	60	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{60}^{13}\ \Phi_{20}^{13}\ \Phi_{15}^6\ \Phi_{12}^{13}\ \Phi_5^6\ \Phi_4^{13}\ \Phi_3^6\ \Phi_1^7$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
14659	481	768	$\frac{1}{32}$	$\frac{31}{128}$	$\frac{97}{384}$	$\frac{287}{768}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_1$
14660	481	504	$\frac{23}{504}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
14661	481	540	$\frac{1}{15}$	$\frac{59}{540}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
14662	481	576	$\frac{1}{24}$	$\frac{95}{576}$	$\frac{23}{72}$	$\frac{49}{144}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
14663	481	720	$\frac{1}{60}$	$\frac{59}{180}$	$\frac{239}{720}$	$\frac{121}{360}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
14664	481	195	$\frac{2}{39}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^3\ \Phi_{65}^3\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_5\ \Phi_1$
14665	481	621	$\frac{2}{69}$	$\frac{140}{621}$	$\frac{67}{207}$	$\frac{1}{3}$	$\Phi_{621}\ \Phi_{69}\ \Phi_{27}\ \Phi_{23}\ \Phi_1$
14666	481	270	$\frac{1}{18}$	$\frac{2}{15}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{270}^3\ \Phi_{135}^3\ \Phi_{54}\ \Phi_{27}\ \Phi_{15}\ \Phi_5\ \Phi_1$
14667	481	693	$\frac{19}{231}$	$\frac{2}{21}$	$\frac{212}{693}$	$\frac{1}{3}$	$\Phi_{693}\ \Phi_{99}\ \Phi_{63}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$
14668	481	234	$\frac{2}{39}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{234}^3\ \Phi_{117}^3\ \Phi_{39}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_1$
14669	481	624	$\frac{2}{39}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{104}\ \Phi_{39}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_1$
14670	481	120	$\frac{3}{40}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^4\ \Phi_{60}^3\ \Phi_{40}^5\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
14671	481	240	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{48}\ \Phi_{40}^3\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
14672	481	45	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{45}^{10}\ \Phi_{15}^{11}\ \Phi_9^{12}\ \Phi_5^{11}\ \Phi_3^{12}\ \Phi_1^{13}$
14673	481	210	$\frac{5}{42}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{42}\ \Phi_{35}^3\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_7\ \Phi_5\ \Phi_1$
14674	481	648	$\frac{1}{24}$	$\frac{49}{216}$	$\frac{167}{648}$	$\frac{23}{72}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
14675	481	54	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{17}{54}$	$\Phi_{54}^{13}\ \Phi_{27}^{13}\ \Phi_{18}\ \Phi_9\ \Phi_1$
14676	481	432	$\frac{1}{18}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{54}\ \Phi_{27}\ \Phi_{16}\ \Phi_8\ \Phi_1$
14677	481	48	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{11}{48}$	$\frac{5}{16}$	$\Phi_{48}^{13}\ \Phi_{24}^{13}\ \Phi_{16}^4\ \Phi_{12}^{13}\ \Phi_8^4\ \Phi_6^{13}\ \Phi_4^4\ \Phi_3^{13}\ \Phi_2^4\ \Phi_1^5$
14678	481	675	$\frac{1}{15}$	$\frac{31}{225}$	$\frac{194}{675}$	$\frac{14}{45}$	$\Phi_{675}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_9\ \Phi_1$
14679	481	105	$\frac{4}{35}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{105}^4\ \Phi_{35}^5\ \Phi_{21}^4\ \Phi_{15}^6\ \Phi_7^5\ \Phi_5^6\ \Phi_3^6\ \Phi_1^7$
14680	481	630	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{149}{630}$	$\frac{61}{210}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{126}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
14681	481	360	$\frac{3}{40}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{40}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
14682	481	144	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{48}$	$\frac{5}{18}$	$\Phi_{144}^6\ \Phi_{72}^6\ \Phi_{48}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
14683	481	90	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{45}$	$\frac{5}{18}$	$\Phi_{90}^6\ \Phi_{45}^7\ \Phi_{30}^6\ \Phi_{18}\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_9\ \Phi_5^7\ \Phi_1$
14684	481	126	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{126}^6\ \Phi_{63}^6\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
14685	481	660	$\frac{3}{44}$	$\frac{41}{220}$	$\frac{1}{4}$	$\frac{179}{660}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
14686	481	648	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{216}$	$\frac{167}{648}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
14687	481	80	$\frac{3}{40}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{80}^8\ \Phi_{40}^5\ \Phi_{20}^5\ \Phi_{16}^5\ \Phi_{10}^5\ \Phi_8^2\ \Phi_5^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
14688	481	48	$\frac{1}{12}$	$\frac{3}{16}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{48}^9\ \Phi_{24}^9\ \Phi_{16}^{10}\ \Phi_{12}^{12}\ \Phi_8^{10}\ \Phi_6^{12}\ \Phi_4^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
14689	481	720	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{45}\ \Phi_{40}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
14690	481	336	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
14691	482	444	$\frac{1}{37}$	$\frac{19}{222}$	$\frac{203}{444}$	$\frac{18}{37}$	$\Phi_{444}^2\ \Phi_{148}^2\ \Phi_{37}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
14692	482	333	$\frac{1}{37}$	$\frac{19}{111}$	$\frac{92}{333}$	$\frac{18}{37}$	$\Phi_{333}^2\ \Phi_{37}\ \Phi_9^2\ \Phi_1^2$
14693	482	296	$\frac{1}{37}$	$\frac{55}{296}$	$\frac{19}{74}$	$\frac{18}{37}$	$\Phi_{296}^2\ \Phi_{148}^2\ \Phi_{37}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
14694	482	468	$\frac{7}{234}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{227}{468}$	$\Phi_{468}^2\ \Phi_{156}^2\ \Phi_{52}^2\ \Phi_{36}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
14695	482	462	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{221}{462}$	$\Phi_{462}^2\ \Phi_{154}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
14696	482	264	$\frac{1}{22}$	$\frac{23}{264}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{264}^2\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
14697	482	351	$\frac{7}{117}$	$\frac{1}{13}$	$\frac{110}{351}$	$\frac{6}{13}$	$\Phi_{351}^2\ \Phi_{27}^2\ \Phi_{13}\ \Phi_1^2$
14698	482	260	$\frac{19}{260}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{260}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
14699	482	312	$\frac{1}{13}$	$\frac{7}{78}$	$\frac{71}{312}$	$\frac{6}{13}$	$\Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{24}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
14700	482	273	$\frac{1}{13}$	$\frac{32}{273}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{273}^2\ \Phi_{91}^2\ \Phi_{21}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_1^2$
14701	482	1320	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{1}{3}$	$\frac{199}{440}$	$\Phi_{1320}\ \Phi_{264}\ \Phi_{120}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_6$
14702	482	264	$\frac{23}{264}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
14703	482	330	$\frac{1}{22}$	$\frac{21}{110}$	$\frac{89}{330}$	$\frac{1}{3}$	$\Phi_{330}\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
14704	482	924	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{308}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
14705	483	636	$\frac{2}{159}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{157}{318}$	$\Phi_{636}\ \Phi_{212}\ \Phi_{159}\ \Phi_{53}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
14706	483	408	$\frac{1}{68}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{67}{136}$	$\Phi_{408}^2\ \Phi_{136}^3\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
14707	483	1224	$\frac{1}{68}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{67}{136}$	$\Phi_{1224}\ \Phi_{136}\ \Phi_{72}\ \Phi_9\ \Phi_8\ \Phi_1$
14708	483	216	$\frac{1}{54}$	$\frac{1}{4}$	$\frac{55}{216}$	$\frac{53}{108}$	$\Phi_{216}^3\ \Phi_{108}^2\ \Phi_{72}^3\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
14709	483	312	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{151}{312}$	$\Phi_{312}^3\ \Phi_{104}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
14710	483	440	$\frac{1}{22}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{21}{44}$	$\Phi_{440}^2\ \Phi_{88}^2\ \Phi_{44}\ \Phi_{40}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
14711	483	220	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{21}{44}$	$\Phi_{220}^4\ \Phi_{44}^5\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
14712	483	88	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{88}^6\ \Phi_{44}^5\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_8^9\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
14713	483	1100	$\frac{1}{22}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{1100}\ \Phi_{100}\ \Phi_{44}\ \Phi_{25}\ \Phi_4\ \Phi_1$
14714	483	1320	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{19}{40}$	$\Phi_{1320}\ \Phi_{264}\ \Phi_{120}\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
14715	483	612	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{145}{306}$	$\Phi_{612}\ \Phi_{204}\ \Phi_{153}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
14716	483	180	$\frac{1}{18}$	$\frac{19}{180}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{18}\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_9\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
14717	483	520	$\frac{4}{65}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{520}\ \Phi_{260}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
14718	483	56	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{56}^{10}\ \Phi_{28}^8\ \Phi_{14}^7\ \Phi_8^9\ \Phi_7^7\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
14719	483	462	$\frac{1}{22}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{21}\ \Phi_{11}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
14720	483	168	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{56}^4\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{14}\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
14721	483	80	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{80}^7\ \Phi_{40}^5\ \Phi_{20}^6\ \Phi_{16}^7\ \Phi_{10}^5\ \Phi_8^4\ \Phi_5^5\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
14722	483	288	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{1}{4}$	$\frac{127}{288}$	$\Phi_{288}^3\ \Phi_{96}^3\ \Phi_{36}^2\ \Phi_{32}^3\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
14723	483	352	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{352}^2\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
14724	483	440	$\frac{1}{22}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{440}^2\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{40}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
14725	483	40	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{40}^{11}\ \Phi_{20}^{14}\ \Phi_{10}^{13}\ \Phi_8^{10}\ \Phi_5^{13}\ \Phi_4^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
14726	483	204	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{11}{34}$	$\frac{5}{12}$	$\Phi_{204}^4\ \Phi_{68}^4\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{12}^5\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
14727	483	24	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{24}^{21}\ \Phi_{12}^{20}\ \Phi_8^{21}\ \Phi_6^{19}\ \Phi_4^{19}\ \Phi_3^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
14728	483	1020	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{16}{85}$	$\frac{5}{12}$	$\Phi_{1020}\ \Phi_{340}\ \Phi_{85}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
14729	483	540	$\frac{1}{27}$	$\frac{26}{135}$	$\frac{1}{4}$	$\frac{109}{270}$	$\Phi_{540}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}^2\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
14730	483	165	$\frac{4}{165}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{165}^3\ \Phi_{55}^3\ \Phi_{33}^3\ \Phi_{15}^2\ \Phi_{11}^3\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
14731	483	112	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{112}^7\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{16}^7\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
14732	483	396	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{396}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
14733	483	306	$\frac{1}{34}$	$\frac{2}{9}$	$\frac{11}{34}$	$\frac{1}{3}$	$\Phi_{306}^2\ \Phi_{153}^2\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{17}^2\ \Phi_9^3\ \Phi_2^2\ \Phi_1^3$
14734	483	72	$\frac{1}{24}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{72}^9\ \Phi_{36}^8\ \Phi_{24}^3\ \Phi_{18}^8\ \Phi_{12}^3\ \Phi_9^9\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
14735	483	765	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{765}\ \Phi_{85}\ \Phi_{45}\ \Phi_9\ \Phi_5\ \Phi_1$
14736	483	468	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{73}{234}$	$\Phi_{468}^2\ \Phi_{234}\ \Phi_{117}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
14737	483	330	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{10}{33}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{66}^2\ \Phi_{33}^3\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
14738	483	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{264}^3\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
14739	483	825	$\frac{1}{11}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{825}\ \Phi_{75}\ \Phi_{33}\ \Phi_{25}\ \Phi_3\ \Phi_1$
14740	483	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{40}^2\ \Phi_{30}^3\ \Phi_{24}^6\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^6\ \Phi_{10}\ \Phi_8\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
14741	483	56	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{56}^{10}\ \Phi_{28}^7\ \Phi_{14}^7\ \Phi_8^9\ \Phi_7^9\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
14742	483	216	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{1}{4}$	$\frac{55}{216}$	$\Phi_{216}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
14743	484	240	$\frac{1}{120}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{119}{240}$	$\Phi_{240}^4\ \Phi_{80}^4\ \Phi_{48}^4\ \Phi_{16}^4\ \Phi_3\ \Phi_1^2$
14744	484	162	$\frac{1}{81}$	$\frac{41}{162}$	$\frac{1}{3}$	$\frac{40}{81}$	$\Phi_{162}^4\ \Phi_{81}^2\ \Phi_{54}^4\ \Phi_{27}^2\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
14745	484	207	$\frac{1}{69}$	$\frac{35}{207}$	$\frac{86}{207}$	$\frac{34}{69}$	$\Phi_{207}^2\ \Phi_{69}^3\ \Phi_{23}^3\ \Phi_9^2\ \Phi_3^3\ \Phi_1^4$
14746	484	477	$\frac{7}{477}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{235}{477}$	$\Phi_{477}\ \Phi_{159}\ \Phi_{53}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
14747	484	238	$\frac{2}{119}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{117}{238}$	$\Phi_{238}^4\ \Phi_{34}^4\ \Phi_{14}^4\ \Phi_7\ \Phi_2^4\ \Phi_1^2$
14748	484	161	$\frac{3}{161}$	$\frac{40}{161}$	$\frac{41}{161}$	$\frac{79}{161}$	$\Phi_{161}^3\ \Phi_{23}^3\ \Phi_7^3\ \Phi_1^4$
14749	484	860	$\frac{1}{43}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{21}{43}$	$\Phi_{860}\ \Phi_{172}\ \Phi_{43}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
14750	484	645	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{21}{43}$	$\Phi_{645}\ \Phi_{129}\ \Phi_{43}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
14751	484	234	$\frac{4}{117}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{113}{234}$	$\Phi_{234}^4\ \Phi_{78}^4\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
14752	484	135	$\frac{1}{27}$	$\frac{14}{135}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{135}^4\ \Phi_{45}^4\ \Phi_{27}^2\ \Phi_{15}^4\ \Phi_9^2\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
14753	484	230	$\frac{1}{23}$	$\frac{6}{115}$	$\frac{109}{230}$	$\frac{11}{23}$	$\Phi_{230}^4\ \Phi_{46}^4\ \Phi_{23}\ \Phi_{10}^4\ \Phi_2^4\ \Phi_1^2$
14754	484	345	$\frac{1}{23}$	$\frac{12}{115}$	$\frac{103}{345}$	$\frac{11}{23}$	$\Phi_{345}^2\ \Phi_{69}^2\ \Phi_{23}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
14755	484	138	$\frac{1}{23}$	$\frac{17}{138}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{138}^4\ \Phi_{69}^4\ \Phi_{46}^4\ \Phi_{23}\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^2$
14756	484	21	$\frac{1}{21}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{10}{21}$	$\Phi_{21}^{23}\ \Phi_7^{23}\ \Phi_3^{23}\ \Phi_1^{24}$
14757	484	84	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{84}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{21}^4\ \Phi_{14}^6\ \Phi_{12}^8\ \Phi_7^4\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
14758	484	42	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{10}{21}$	$\Phi_{42}^{14}\ \Phi_{21}^8\ \Phi_{14}^{16}\ \Phi_7^9\ \Phi_6^{14}\ \Phi_3^8\ \Phi_2^{16}\ \Phi_1^{10}$
14759	484	459	$\frac{25}{459}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{217}{459}$	$\Phi_{459}\ \Phi_{153}\ \Phi_{51}\ \Phi_{27}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
14760	484	147	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{26}{147}$	$\frac{23}{49}$	$\Phi_{147}^4\ \Phi_{49}^2\ \Phi_{21}^4\ \Phi_7\ \Phi_3^4\ \Phi_1^2$
14761	484	455	$\frac{29}{455}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{213}{455}$	$\Phi_{455}\ \Phi_{91}\ \Phi_{65}\ \Phi_{35}^2\ \Phi_{13}\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
14762	484	60	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{60}^9\ \Phi_{30}^9\ \Phi_{20}^9\ \Phi_{15}^6\ \Phi_{12}^8\ \Phi_{10}^9\ \Phi_6^8\ \Phi_5^6\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
14763	484	483	$\frac{32}{483}$	$\frac{41}{483}$	$\frac{131}{483}$	$\frac{221}{483}$	$\Phi_{483}\ \Phi_{161}\ \Phi_{69}\ \Phi_{23}\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
14764	484	140	$\frac{3}{35}$	$\frac{19}{140}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{140}^4\ \Phi_{70}^4\ \Phi_{35}^2\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7\ \Phi_5^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
14765	484	81	$\frac{4}{81}$	$\frac{7}{81}$	$\frac{1}{3}$	$\frac{37}{81}$	$\Phi_{81}^6\ \Phi_{27}^6\ \Phi_9^6\ \Phi_3^5\ \Phi_1^6$
14766	484	441	$\frac{1}{21}$	$\frac{43}{441}$	$\frac{20}{63}$	$\frac{199}{441}$	$\Phi_{441}\ \Phi_{147}\ \Phi_{63}^2\ \Phi_{49}\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
14767	484	441	$\frac{43}{441}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{199}{441}$	$\Phi_{441}\ \Phi_{147}\ \Phi_{63}\ \Phi_{49}^2\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
14768	484	1380	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1380}\ \Phi_{276}\ \Phi_{69}$
14769	484	860	$\frac{3}{43}$	$\frac{1}{10}$	$\frac{10}{43}$	$\frac{9}{20}$	$\Phi_{860}\ \Phi_{172}\ \Phi_{43}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
14770	484	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{60}^9\ \Phi_{30}^9\ \Phi_{20}^5\ \Phi_{15}^9\ \Phi_{12}^8\ \Phi_{10}^9\ \Phi_6^8\ \Phi_5^8\ \Phi_4^4\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
14771	484	126	$\frac{5}{126}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{126}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^2\ \Phi_7^4\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
14772	484	108	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{108}^6\ \Phi_{54}^6\ \Phi_{36}^3\ \Phi_{27}^4\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
14773	484	168	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{47}{168}$	$\frac{37}{84}$	$\Phi_{168}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_8^4\ \Phi_7^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
14774	484	216	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{1}{3}$	$\frac{95}{216}$	$\Phi_{216}^4\ \Phi_{72}^4\ \Phi_{27}^2\ \Phi_{24}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
14775	484	357	$\frac{4}{119}$	$\frac{1}{7}$	$\frac{115}{357}$	$\frac{3}{7}$	$\Phi_{357}^2\ \Phi_{51}^2\ \Phi_{21}^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
14776	484	126	$\frac{5}{126}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{126}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^4\ \Phi_7\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^2$
14777	484	210	$\frac{1}{21}$	$\frac{16}{105}$	$\frac{5}{21}$	$\frac{89}{210}$	$\Phi_{210}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
14778	484	210	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{105}$	$\frac{89}{210}$	$\Phi_{210}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7\ \Phi_6^4\ \Phi_5^2\ \Phi_2^4\ \Phi_1^2$
14779	484	405	$\frac{2}{81}$	$\frac{79}{405}$	$\frac{1}{3}$	$\frac{163}{405}$	$\Phi_{405}\ \Phi_{135}\ \Phi_{81}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
14780	484	300	$\frac{1}{12}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
14781	484	90	$\frac{1}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{90}^9\ \Phi_{45}^2\ \Phi_{30}^9\ \Phi_{18}^8\ \Phi_{15}^2\ \Phi_{10}^9\ \Phi_9^2\ \Phi_6^8\ \Phi_5^2\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
14782	484	36	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{36}^{15}\ \Phi_{18}^{11}\ \Phi_{12}^{14}\ \Phi_9^{14}\ \Phi_6^{10}\ \Phi_4^{14}\ \Phi_3^{13}\ \Phi_2^{10}\ \Phi_1^{14}$
14783	484	196	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{23}{98}$	$\frac{75}{196}$	$\Phi_{196}^4\ \Phi_{49}^2\ \Phi_{28}^4\ \Phi_7\ \Phi_4^4\ \Phi_1^2$
14784	484	720	$\frac{1}{45}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
14785	484	189	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{53}{189}$	$\frac{68}{189}$	$\Phi_{189}^2\ \Phi_{63}^4\ \Phi_{27}^2\ \Phi_{21}^3\ \Phi_9^4\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
14786	484	123	$\frac{2}{123}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{123}^4\ \Phi_{41}^4\ \Phi_3\ \Phi_1^2$
14787	484	180	$\frac{1}{60}$	$\frac{59}{180}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
14788	484	372	$\frac{3}{124}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{372}\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_3\ \Phi_1^2$
14789	484	480	$\frac{1}{40}$	$\frac{39}{160}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}^2\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
14790	484	375	$\frac{4}{125}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{375}\ \Phi_{125}^2\ \Phi_{75}\ \Phi_{25}^2\ \Phi_3\ \Phi_1^2$
14791	484	150	$\frac{1}{30}$	$\frac{29}{150}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{150}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_3\ \Phi_1^2$
14792	484	126	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{126}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
14793	484	144	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{144}^4\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
14794	484	420	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
14795	484	255	$\frac{13}{255}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{255}^2\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_3\ \Phi_1^2$
14796	484	384	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
14797	484	135	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{135}^4\ \Phi_{45}^4\ \Phi_{27}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
14798	484	390	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{390}\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
14799	484	12	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{12}^{40}\ \Phi_6^{40}\ \Phi_4^{40}\ \Phi_3^{41}\ \Phi_2^{40}\ \Phi_1^{42}$
14800	484	351	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{109}{351}$	$\frac{1}{3}$	$\Phi_{351}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
14801	484	252	$\frac{1}{12}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{63}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
14802	484	345	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{345}\ \Phi_{115}^2\ \Phi_{69}^2\ \Phi_{23}^2$
14803	484	162	$\frac{1}{27}$	$\frac{13}{54}$	$\frac{41}{162}$	$\frac{1}{3}$	$\Phi_{162}^4\ \Phi_{81}^4\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
14804	484	84	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{84}^6\ \Phi_{42}^4\ \Phi_{28}^6\ \Phi_{21}^5\ \Phi_{14}^6\ \Phi_{12}^8\ \Phi_7^6\ \Phi_6^6\ \Phi_4^8\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
14805	484	315	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{73}{315}$	$\frac{32}{105}$	$\Phi_{315}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_9^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
14806	484	126	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{19}{63}$	$\Phi_{126}^7\ \Phi_{63}^4\ \Phi_{18}^7\ \Phi_{14}^2\ \Phi_9^4\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
14807	484	147	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{26}{147}$	$\frac{43}{147}$	$\Phi_{147}^3\ \Phi_{49}^4\ \Phi_{21}^3\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
14808	484	98	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{98}^7\ \Phi_{49}^4\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
14809	484	645	$\frac{3}{43}$	$\frac{1}{5}$	$\frac{10}{43}$	$\frac{4}{15}$	$\Phi_{645}\ \Phi_{129}\ \Phi_{43}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
14810	484	60	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{60}^{9}\ \Phi_{30}^{9}\ \Phi_{20}^{9}\ \Phi_{15}^{5}\ \Phi_{12}^{8}\ \Phi_{10}^{9}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
14811	484	14	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{3}{14}$	$\Phi_{14}^{32}\ \Phi_{7}^{37}\ \Phi_{2}^{32}\ \Phi_{1}^{38}$
14812	485	192	$\frac{1}{96}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{95}{192}$	$\Phi_{192}^{5}\ \Phi_{64}^{5}\ \Phi_{8}\ \Phi_{1}$
14813	485	176	$\frac{1}{44}$	$\frac{9}{88}$	$\frac{79}{176}$	$\frac{43}{88}$	$\Phi_{176}^{5}\ \Phi_{88}\ \Phi_{16}^{5}\ \Phi_{8}\ \Phi_{1}$
14814	485	924	$\frac{23}{462}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{439}{924}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{132}\ \Phi_{84}\ \Phi_{44}\ \Phi_{33}\ \Phi_{28}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
14815	485	132	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{35}{132}$	$\frac{31}{66}$	$\Phi_{132}^{5}\ \Phi_{44}^{5}\ \Phi_{33}^{5}\ \Phi_{12}^{5}\ \Phi_{11}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
14816	485	546	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{85}{182}$	$\Phi_{546}\ \Phi_{273}\ \Phi_{91}\ \Phi_{78}\ \Phi_{42}^{2}\ \Phi_{39}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{13}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
14817	485	336	$\frac{1}{14}$	$\frac{15}{112}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}^{2}\ \Phi_{42}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
14818	485	594	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{109}{594}$	$\frac{89}{198}$	$\Phi_{594}\ \Phi_{297}\ \Phi_{99}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
14819	485	176	$\frac{1}{11}$	$\frac{9}{88}$	$\frac{2}{11}$	$\frac{79}{176}$	$\Phi_{176}^{5}\ \Phi_{16}^{5}\ \Phi_{11}^{4}\ \Phi_{1}^{5}$
14820	485	168	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1}{6}$	$\frac{71}{168}$	$\Phi_{168}^{5}\ \Phi_{56}^{5}\ \Phi_{42}^{2}\ \Phi_{24}^{5}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{8}^{5}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
14821	485	110	$\frac{1}{11}$	$\frac{13}{110}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{110}^{5}\ \Phi_{55}^{5}\ \Phi_{11}^{4}\ \Phi_{10}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{5}$
14822	485	792	$\frac{1}{44}$	$\frac{89}{396}$	$\frac{43}{132}$	$\frac{307}{792}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
14823	485	792	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{396}$	$\frac{307}{792}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{33}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
14824	485	704	$\frac{1}{44}$	$\frac{43}{176}$	$\frac{219}{704}$	$\frac{133}{352}$	$\Phi_{704}\ \Phi_{176}\ \Phi_{88}\ \Phi_{64}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
14825	485	792	$\frac{2}{99}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{33}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
14826	485	144	$\frac{1}{48}$	$\frac{1}{4}$	$\frac{47}{144}$	$\frac{3}{8}$	$\Phi_{144}^{5}\ \Phi_{72}^{5}\ \Phi_{36}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{8}\ \Phi_{1}$
14827	485	496	$\frac{11}{496}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{31}\ \Phi_{8}\ \Phi_{1}$
14828	485	200	$\frac{3}{100}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{200}^{4}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}^{4}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
14829	485	128	$\frac{1}{32}$	$\frac{31}{128}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{128}^{5}\ \Phi_{64}^{5}\ \Phi_{8}\ \Phi_{1}$
14830	485	504	$\frac{19}{504}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
14831	485	120	$\frac{1}{24}$	$\frac{23}{120}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^{5}\ \Phi_{60}^{5}\ \Phi_{40}^{5}\ \Phi_{30}^{5}\ \Phi_{20}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{8}\ \Phi_{5}^{5}\ \Phi_{1}$
14832	485	408	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^{2}\ \Phi_{136}^{2}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
14833	485	576	$\frac{5}{96}$	$\frac{91}{576}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
14834	485	512	$\frac{27}{512}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{8}\ \Phi_{1}$
14835	485	112	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{112}^{5}\ \Phi_{56}^{5}\ \Phi_{28}^{5}\ \Phi_{14}^{5}\ \Phi_{8}\ \Phi_{7}^{5}\ \Phi_{1}$
14836	485	104	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{104}^{5}\ \Phi_{52}^{5}\ \Phi_{26}^{5}\ \Phi_{13}^{5}\ \Phi_{8}\ \Phi_{1}$
14837	485	528	$\frac{43}{528}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
14838	485	216	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^{4}\ \Phi_{108}\ \Phi_{72}^{4}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
14839	485	528	$\frac{43}{528}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
14840	485	126	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{29}{126}$	$\frac{13}{42}$	$\Phi_{126}^{5}\ \Phi_{63}^{5}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{5}\ \Phi_{14}\ \Phi_{9}^{5}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
14841	485	693	$\frac{1}{11}$	$\frac{23}{231}$	$\frac{208}{693}$	$\frac{10}{33}$	$\Phi_{693}\ \Phi_{99}\ \Phi_{63}\ \Phi_{33}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
14842	485	132	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{44}$	$\frac{35}{132}$	$\Phi_{132}^{5}\ \Phi_{66}^{5}\ \Phi_{33}^{5}\ \Phi_{12}^{5}\ \Phi_{11}^{4}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
14843	486	388	$\frac{1}{97}$	$\frac{49}{194}$	$\frac{145}{388}$	$\frac{48}{97}$	$\Phi_{388}^{2}\ \Phi_{97}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
14844	486	160	$\frac{1}{80}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{79}{160}$	$\Phi_{160}^{6}\ \Phi_{32}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
14845	486	480	$\frac{1}{80}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{79}{160}$	$\Phi_{480}^{3}\ \Phi_{96}^{3}\ \Phi_{12}\ \Phi_{6}$
14846	486	848	$\frac{1}{53}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{26}{53}$	$\Phi_{848}\ \Phi_{53}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
14847	486	212	$\frac{1}{53}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{26}{53}$	$\Phi_{212}^{2}\ \Phi_{106}^{2}\ \Phi_{53}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
14848	486	485	$\frac{13}{485}$	$\frac{83}{485}$	$\frac{134}{485}$	$\frac{236}{485}$	$\Phi_{485}\ \Phi_{97}\ \Phi_5\ \Phi_1^2$
14849	486	652	$\frac{5}{163}$	$\frac{28}{163}$	$\frac{1}{4}$	$\frac{79}{163}$	$\Phi_{652}\ \Phi_{326}$
14850	486	884	$\frac{1}{26}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{25}{52}$	$\Phi_{884}\ \Phi_{68}\ \Phi_{52}^2\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
14851	486	780	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{780}^2\ \Phi_{156}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
14852	486	884	$\frac{1}{26}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{25}{52}$	$\Phi_{884}\ \Phi_{68}\ \Phi_{52}^2\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
14853	486	364	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{364}\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{28}^2\ \Phi_{14}^3\ \Phi_7^2$
14854	486	97	$\frac{5}{97}$	$\frac{16}{97}$	$\frac{17}{97}$	$\frac{46}{97}$	$\Phi_{97}^5\ \Phi_1^6$
14855	486	280	$\frac{2}{35}$	$\frac{37}{280}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{280}^2\ \Phi_{140}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
14856	486	221	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{8}{17}$	$\Phi_{221}^2\ \Phi_{17}^3\ \Phi_{13}^4\ \Phi_1^6$
14857	486	340	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{340}^2\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{20}^4\ \Phi_{17}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
14858	486	455	$\frac{31}{455}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{212}{455}$	$\Phi_{455}\ \Phi_{91}\ \Phi_{65}\ \Phi_{35}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
14859	486	485	$\frac{29}{485}$	$\frac{37}{485}$	$\frac{152}{485}$	$\frac{224}{485}$	$\Phi_{485}\ \Phi_{97}\ \Phi_5\ \Phi_1^2$
14860	486	50	$\frac{2}{25}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{50}^8\ \Phi_{25}^{10}\ \Phi_{10}^{12}\ \Phi_5^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
14861	486	110	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{110}^5\ \Phi_{55}^5\ \Phi_{22}^5\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4$
14862	486	485	$\frac{44}{485}$	$\frac{49}{485}$	$\frac{89}{485}$	$\frac{218}{485}$	$\Phi_{485}\ \Phi_{97}\ \Phi_5\ \Phi_1^2$
14863	486	652	$\frac{10}{163}$	$\frac{17}{163}$	$\frac{1}{4}$	$\frac{73}{163}$	$\Phi_{652}\ \Phi_{326}$
14864	486	336	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{336}^4\ \Phi_{84}\ \Phi_{48}^3\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
14865	486	848	$\frac{2}{53}$	$\frac{1}{8}$	$\frac{17}{53}$	$\frac{7}{16}$	$\Phi_{848}\ \Phi_{53}\ \Phi_{16}^2\ \Phi_1^2$
14866	486	304	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{304}^3\ \Phi_{76}\ \Phi_{38}$
14867	486	848	$\frac{5}{53}$	$\frac{1}{8}$	$\frac{8}{53}$	$\frac{7}{16}$	$\Phi_{848}\ \Phi_{53}\ \Phi_{16}^2\ \Phi_1^2$
14868	486	560	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{560}^2\ \Phi_{112}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
14869	486	140	$\frac{2}{35}$	$\frac{11}{70}$	$\frac{1}{5}$	$\frac{59}{140}$	$\Phi_{140}^6\ \Phi_{35}^2\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_7^2\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
14870	486	40	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{13}{40}$	$\frac{2}{5}$	$\Phi_{40}^{12}\ \Phi_{20}^{12}\ \Phi_{10}^{12}\ \Phi_8^{12}\ \Phi_5^{13}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{14}$
14871	486	250	$\frac{7}{250}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{250}^2\ \Phi_{125}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
14872	486	140	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{140}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{28}^6\ \Phi_{20}^2\ \Phi_{14}^6\ \Phi_{10}^2\ \Phi_7^6\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
14873	486	320	$\frac{3}{80}$	$\frac{1}{5}$	$\frac{77}{320}$	$\frac{2}{5}$	$\Phi_{320}^2\ \Phi_{160}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_5\ \Phi_1^2$
14874	486	85	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{85}^6\ \Phi_{17}^6\ \Phi_5\ \Phi_1^2$
14875	486	100	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{100}^6\ \Phi_{50}^6\ \Phi_{25}^6\ \Phi_5\ \Phi_1^2$
14876	486	160	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{160}^3\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{32}^6\ \Phi_{20}^2\ \Phi_{16}^4\ \Phi_{10}^2\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
14877	486	260	$\frac{17}{260}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{260}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_5\ \Phi_1^2$
14878	486	280	$\frac{3}{40}$	$\frac{37}{280}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{280}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
14879	486	440	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}^2\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
14880	486	10	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{10}^{48}\ \Phi_5^{49}\ \Phi_2^{48}\ \Phi_1^{50}$
14881	486	485	$\frac{11}{485}$	$\frac{109}{485}$	$\frac{158}{485}$	$\frac{188}{485}$	$\Phi_{485}\ \Phi_{97}\ \Phi_5\ \Phi_1^2$
14882	486	220	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{220}^4\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{20}^4\ \Phi_4^2$
14883	486	744	$\frac{5}{248}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{12}\ \Phi_6$
14884	486	608	$\frac{1}{19}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{608}\ \Phi_{304}\ \Phi_{76}\ \Phi_{38}$
14885	486	532	$\frac{1}{28}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{532}\ \Phi_{266}\ \Phi_{133}\ \Phi_{76}\ \Phi_{38}$
14886	486	266	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{266}^3\ \Phi_{133}\ \Phi_{38}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
14887	486	97	$\frac{7}{97}$	$\frac{10}{97}$	$\frac{29}{97}$	$\frac{34}{97}$	$\Phi_{97}^{5}\ \Phi_{1}^{6}$
14888	486	110	$\frac{4}{55}$	$\frac{1}{10}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{110}^{5}\ \Phi_{55}^{4}\ \Phi_{22}^{5}\ \Phi_{11}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
14889	486	485	$\frac{14}{485}$	$\frac{107}{485}$	$\frac{157}{485}$	$\frac{164}{485}$	$\Phi_{485}\ \Phi_{97}\ \Phi_{5}\ \Phi_{1}^{2}$
14890	486	652	$\frac{4}{163}$	$\frac{1}{4}$	$\frac{53}{163}$	$\frac{55}{163}$	$\Phi_{652}\ \Phi_{326}$
14891	486	366	$\frac{1}{61}$	$\frac{20}{61}$	$\frac{1}{3}$	$\frac{41}{122}$	$\Phi_{366}^{3}\ \Phi_{183}\ \Phi_{6}^{3}$
14892	486	120	$\frac{1}{40}$	$\frac{1}{4}$	$\frac{13}{40}$	$\frac{1}{3}$	$\Phi_{120}^{6}\ \Phi_{60}^{6}\ \Phi_{30}^{6}\ \Phi_{24}^{6}\ \Phi_{15}^{6}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
14893	486	732	$\frac{7}{244}$	$\frac{55}{244}$	$\frac{79}{244}$	$\frac{1}{3}$	$\Phi_{732}\ \Phi_{366}\ \Phi_{183}\ \Phi_{12}\ \Phi_{6}$
14894	486	390	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{390}^{2}\ \Phi_{195}^{2}\ \Phi_{78}^{2}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{6}^{3}$
14895	486	732	$\frac{19}{244}$	$\frac{25}{244}$	$\frac{73}{244}$	$\frac{1}{3}$	$\Phi_{732}\ \Phi_{366}\ \Phi_{183}\ \Phi_{12}\ \Phi_{6}$
14896	486	84	$\frac{1}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^{9}\ \Phi_{42}^{9}\ \Phi_{21}^{9}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
14897	486	960	$\frac{3}{80}$	$\frac{77}{320}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{192}\ \Phi_{96}\ \Phi_{12}\ \Phi_{6}$
14898	486	1020	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{204}\ \Phi_{102}\ \Phi_{12}\ \Phi_{6}$
14899	486	300	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^{3}\ \Phi_{150}^{3}\ \Phi_{75}^{3}\ \Phi_{12}\ \Phi_{6}$
14900	486	768	$\frac{13}{256}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{12}\ \Phi_{6}$
14901	486	96	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{96}^{9}\ \Phi_{48}^{6}\ \Phi_{24}^{6}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
14902	486	780	$\frac{17}{260}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_{6}$
14903	486	840	$\frac{3}{40}$	$\frac{37}{280}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
14904	486	264	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{264}^{3}\ \Phi_{132}^{3}\ \Phi_{66}^{3}\ \Phi_{33}^{3}\ \Phi_{12}\ \Phi_{6}$
14905	486	60	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^{16}\ \Phi_{30}^{8}\ \Phi_{15}^{8}\ \Phi_{12}^{17}\ \Phi_{6}^{9}\ \Phi_{3}^{8}$
14906	486	212	$\frac{2}{53}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{17}{53}$	$\Phi_{212}^{2}\ \Phi_{106}^{2}\ \Phi_{53}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
14907	486	97	$\frac{4}{97}$	$\frac{22}{97}$	$\frac{25}{97}$	$\frac{31}{97}$	$\Phi_{97}^{5}\ \Phi_{1}^{6}$
14908	486	652	$\frac{7}{163}$	$\frac{37}{163}$	$\frac{1}{4}$	$\frac{52}{163}$	$\Phi_{652}\ \Phi_{326}$
14909	486	35	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{8}{35}$	$\frac{11}{35}$	$\Phi_{35}^{14}\ \Phi_{7}^{14}\ \Phi_{5}^{13}\ \Phi_{1}^{14}$
14910	486	221	$\frac{1}{13}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{4}{13}$	$\Phi_{221}^{2}\ \Phi_{17}^{3}\ \Phi_{13}^{4}\ \Phi_{1}^{6}$
14911	486	364	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{364}^{2}\ \Phi_{182}^{2}\ \Phi_{28}^{3}\ \Phi_{14}^{3}$
14912	486	485	$\frac{38}{485}$	$\frac{56}{485}$	$\frac{143}{485}$	$\frac{149}{485}$	$\Phi_{485}\ \Phi_{97}\ \Phi_{5}\ \Phi_{1}^{2}$
14913	486	574	$\frac{7}{82}$	$\frac{1}{7}$	$\frac{19}{82}$	$\frac{25}{82}$	$\Phi_{574}\ \Phi_{287}\ \Phi_{14}$
14914	486	485	$\frac{47}{485}$	$\frac{62}{485}$	$\frac{113}{485}$	$\frac{146}{485}$	$\Phi_{485}\ \Phi_{97}\ \Phi_{5}\ \Phi_{1}^{2}$
14915	486	652	$\frac{16}{163}$	$\frac{19}{163}$	$\frac{1}{4}$	$\frac{49}{163}$	$\Phi_{652}\ \Phi_{326}$
14916	486	97	$\frac{10}{97}$	$\frac{16}{97}$	$\frac{17}{97}$	$\frac{29}{97}$	$\Phi_{97}^{5}\ \Phi_{1}^{6}$
14917	486	340	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{340}^{2}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{20}^{4}\ \Phi_{17}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
14918	486	110	$\frac{1}{10}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{110}^{5}\ \Phi_{55}^{4}\ \Phi_{22}^{5}\ \Phi_{11}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
14919	486	485	$\frac{41}{485}$	$\frac{74}{485}$	$\frac{116}{485}$	$\frac{137}{485}$	$\Phi_{485}\ \Phi_{97}\ \Phi_{5}\ \Phi_{1}^{2}$
14920	486	652	$\frac{13}{163}$	$\frac{25}{163}$	$\frac{1}{4}$	$\frac{46}{163}$	$\Phi_{652}\ \Phi_{326}$
14921	486	50	$\frac{1}{10}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{50}^{10}\ \Phi_{25}^{8}\ \Phi_{10}^{14}\ \Phi_{5}^{11}\ \Phi_{2}^{14}\ \Phi_{1}^{12}$
14922	486	76	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{76}^{7}\ \Phi_{38}^{7}\ \Phi_{19}^{6}$
14923	486	212	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{212}^{2}\ \Phi_{106}^{2}\ \Phi_{53}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
14924	486	140	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^{4}\ \Phi_{70}^{5}\ \Phi_{35}^{5}\ \Phi_{28}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
14925	487	960	$\frac{7}{480}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{473}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
14926	487	864	$\frac{1}{54}$	$\frac{55}{432}$	$\frac{377}{864}$	$\frac{53}{108}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{108}\ \Phi_{96}\ \Phi_{36}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$
14927	487	648	$\frac{1}{54}$	$\frac{161}{648}$	$\frac{55}{216}$	$\frac{53}{108}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
14928	487	936	$\frac{19}{468}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{449}{936}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{104}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
14929	487	594	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{107}{594}$	$\frac{91}{198}$	$\Phi_{594}\ \Phi_{297}\ \Phi_{99}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_1$
14930	487	900	$\frac{37}{450}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{413}{900}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{180}\ \Phi_{100}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
14931	487	864	$\frac{1}{18}$	$\frac{55}{432}$	$\frac{17}{72}$	$\frac{377}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
14932	487	720	$\frac{7}{240}$	$\frac{1}{6}$	$\frac{233}{720}$	$\frac{5}{12}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
14933	487	504	$\frac{17}{504}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
14934	487	600	$\frac{7}{120}$	$\frac{1}{6}$	$\frac{113}{600}$	$\frac{5}{12}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{12}\ \Phi_4\ \Phi_1$
14935	487	576	$\frac{7}{96}$	$\frac{89}{576}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
14936	487	528	$\frac{41}{528}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
14937	487	540	$\frac{53}{540}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
14938	487	540	$\frac{53}{540}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
14939	487	792	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{396}$	$\frac{305}{792}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{33}\ \Phi_{24}\ \Phi_{11}\ \Phi_8\ \Phi_1$
14940	487	576	$\frac{1}{18}$	$\frac{89}{576}$	$\frac{17}{72}$	$\frac{55}{144}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
14941	487	756	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{109}{378}$	$\frac{269}{756}$	$\Phi_{756}\ \Phi_{252}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
14942	487	675	$\frac{1}{9}$	$\frac{37}{225}$	$\frac{8}{45}$	$\frac{188}{675}$	$\Phi_{675}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_5\ \Phi_1$
14943	487	648	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{161}{648}$	$\frac{55}{216}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
14944	488	363	$\frac{1}{121}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{60}{121}$	$\Phi_{363}\ \Phi_{121}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
14945	488	487	$\frac{5}{487}$	$\frac{123}{487}$	$\frac{182}{487}$	$\frac{241}{487}$	$\Phi_{487}\ \Phi_1^2$
14946	488	735	$\frac{3}{245}$	$\frac{62}{245}$	$\frac{1}{3}$	$\frac{121}{245}$	$\Phi_{735}\ \Phi_{147}\ \Phi_{105}\ \Phi_{21}\ \Phi_{15}$
14947	488	840	$\frac{1}{60}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{59}{120}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}^2\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
14948	488	120	$\frac{1}{60}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{59}{120}$	$\Phi_{120}^8\ \Phi_{40}^8\ \Phi_{24}^8\ \Phi_{15}\ \Phi_8^8$
14949	488	147	$\frac{1}{49}$	$\frac{25}{147}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{147}^3\ \Phi_{49}^4\ \Phi_{21}^3\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
14950	488	410	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{21}{82}$	$\frac{20}{41}$	$\Phi_{410}^2\ \Phi_{205}\ \Phi_{10}^2$
14951	488	357	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{58}{119}$	$\Phi_{357}^2\ \Phi_{51}^2\ \Phi_{21}^3\ \Phi_3^2$
14952	488	210	$\frac{1}{35}$	$\frac{9}{70}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{210}^4\ \Phi_{105}^3\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_6^4\ \Phi_3^2$
14953	488	63	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{63}^8\ \Phi_{21}^7\ \Phi_9^8\ \Phi_7^8\ \Phi_3^6\ \Phi_1^8$
14954	488	630	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{29}{90}$	$\frac{3}{7}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{126}\ \Phi_{90}^2\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
14955	488	448	$\frac{3}{64}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}^2\ \Phi_{56}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
14956	488	560	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{19}{80}$	$\frac{3}{7}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{112}\ \Phi_{80}^2\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
14957	488	455	$\frac{4}{65}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{455}\ \Phi_{91}\ \Phi_{65}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_1^2$
14958	488	525	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{14}{75}$	$\frac{3}{7}$	$\Phi_{525}\ \Phi_{175}\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_7\ \Phi_1^2$
14959	488	462	$\frac{5}{66}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_1^2$
14960	488	504	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{72}$	$\frac{3}{7}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
14961	488	70	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{70}^7\ \Phi_{35}^7\ \Phi_{14}^7\ \Phi_{10}^6\ \Phi_7^8\ \Phi_5^6\ \Phi_2^6\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
14962	488	105	$\frac{1}{35}$	$\frac{17}{105}$	$\frac{1}{3}$	$\frac{44}{105}$	$\Phi_{105}^5\ \Phi_{35}^4\ \Phi_{21}^5\ \Phi_{15}^5\ \Phi_7^4\ \Phi_5^4\ \Phi_3^4\ \Phi_1^4$
14963	488	375	$\frac{3}{125}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{375}^2\ \Phi_{75}^2\ \Phi_{15}$
14964	488	294	$\frac{1}{49}$	$\frac{12}{49}$	$\frac{1}{3}$	$\frac{37}{98}$	$\Phi_{294}^4\ \Phi_{147}\ \Phi_{42}^4\ \Phi_{21}\ \Phi_6^4$
14965	488	186	$\frac{1}{62}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{186}^3\ \Phi_{93}^3\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_6^3\ \Phi_2^2$
14966	488	315	$\frac{2}{63}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{15}$
14967	488	66	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{66}^8\ \Phi_{33}^7\ \Phi_{22}^8\ \Phi_{11}^6\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
14968	488	315	$\frac{1}{35}$	$\frac{71}{315}$	$\frac{34}{105}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_9^2$
14969	488	90	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{29}{90}$	$\frac{1}{3}$	$\Phi_{90}^8\ \Phi_{45}^8\ \Phi_{18}^8\ \Phi_{15}\ \Phi_9^8$
14970	488	357	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{113}{357}$	$\frac{1}{3}$	$\Phi_{357}\ \Phi_{119}^2\ \Phi_{51}\ \Phi_{21}^2\ \Phi_{17}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
14971	488	255	$\frac{11}{255}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{255}^2\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_{15}$
14972	488	960	$\frac{3}{64}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{15}$
14973	488	240	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{19}{80}$	$\frac{1}{3}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{15}$
14974	488	195	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{195}^4\ \Phi_{39}^4\ \Phi_{15}$
14975	488	75	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{75}^8\ \Phi_{25}^8\ \Phi_{15}$
14976	488	330	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{15}$
14977	488	360	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{15}$
14978	488	135	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{135}^4\ \Phi_{45}^4\ \Phi_{27}^4\ \Phi_{15}\ \Phi_9^4$
14979	488	210	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{15}$
14980	489	656	$\frac{3}{164}$	$\frac{1}{4}$	$\frac{167}{656}$	$\frac{161}{328}$	$\Phi_{656}\ \Phi_{164}\ \Phi_{82}\ \Phi_{41}\ \Phi_{16}\ \Phi_1$
14981	489	320	$\frac{3}{160}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{157}{320}$	$\Phi_{320}^3\ \Phi_{64}^3\ \Phi_{16}\ \Phi_1$
14982	489	320	$\frac{3}{160}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{157}{320}$	$\Phi_{320}^3\ \Phi_{64}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
14983	489	240	$\frac{3}{80}$	$\frac{1}{8}$	$\frac{77}{240}$	$\frac{7}{16}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{16}\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
14984	489	512	$\frac{23}{512}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
14985	489	640	$\frac{9}{160}$	$\frac{1}{8}$	$\frac{151}{640}$	$\frac{7}{16}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
14986	489	176	$\frac{13}{176}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{176}^3\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{16}\ \Phi_{11}^3\ \Phi_1$
14987	489	192	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{29}{192}$	$\frac{7}{16}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
14988	489	560	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{71}{560}$	$\frac{7}{16}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
14989	489	168	$\frac{5}{168}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
14990	489	492	$\frac{1}{41}$	$\frac{1}{4}$	$\frac{40}{123}$	$\frac{83}{246}$	$\Phi_{492}\ \Phi_{164}^2\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
14991	489	244	$\frac{1}{61}$	$\frac{20}{61}$	$\frac{81}{244}$	$\frac{41}{122}$	$\Phi_{244}^3\ \Phi_{61}^2\ \Phi_4^3\ \Phi_1^3$
14992	489	240	$\frac{3}{80}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{77}{240}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
14993	489	176	$\frac{13}{176}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{176}^3\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
14994	489	200	$\frac{3}{40}$	$\frac{37}{200}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{200}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
14995	489	192	$\frac{3}{32}$	$\frac{29}{192}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
14996	489	180	$\frac{17}{180}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
14997	490	486	$\frac{2}{243}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{241}{486}$	$\Phi_{486}^2\ \Phi_{162}^2\ \Phi_{54}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
14998	490	776	$\frac{1}{97}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{48}{97}$	$\Phi_{776}\ \Phi_{97}\ \Phi_8^2\ \Phi_1^2$
14999	490	984	$\frac{1}{82}$	$\frac{83}{328}$	$\frac{1}{3}$	$\frac{81}{164}$	$\Phi_{984}\ \Phi_{246}\ \Phi_{123}\ \Phi_{24}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
15000	490	276	$\frac{1}{69}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{34}{69}$	$\Phi_{276}^3\ \Phi_{92}^3\ \Phi_{69}\ \Phi_{23}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
15001	490	207	$\frac{1}{69}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{34}{69}$	$\Phi_{207}^3\ \Phi_{69}\ \Phi_{23}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
15002	490	288	$\frac{1}{48}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{47}{96}$	$\Phi_{288}^3\ \Phi_{96}^4\ \Phi_{32}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
15003	490	96	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{96}^{10}\ \Phi_{32}^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15004	490	884	$\frac{1}{34}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{33}{68}$	$\Phi_{884}\ \Phi_{68}^2\ \Phi_{52}\ \Phi_{13}\ \Phi_4^2\ \Phi_1^2$
15005	490	408	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{408}^2\ \Phi_{204}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
15006	490	66	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{66}^7\ \Phi_{33}^8\ \Phi_{22}^7\ \Phi_{11}^8\ \Phi_6^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
15007	490	330	$\frac{2}{33}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{330}^3\ \Phi_{110}^3\ \Phi_{66}^2\ \Phi_{30}^3\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15008	490	663	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{16}{51}$	$\frac{6}{13}$	$\Phi_{663}\ \Phi_{51}^2\ \Phi_{39}\ \Phi_{13}\ \Phi_3^2\ \Phi_1^2$
15009	490	221	$\frac{1}{13}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{6}{13}$	$\Phi_{221}^2\ \Phi_{17}^4\ \Phi_{13}^3\ \Phi_1^6$
15010	490	312	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{24}^4\ \Phi_{13}\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
15011	490	240	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{240}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15012	490	990	$\frac{4}{45}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{990}\ \Phi_{330}\ \Phi_{198}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{22}$
15013	490	90	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{41}{90}$	$\Phi_{90}^4\ \Phi_{45}^6\ \Phi_{30}^4\ \Phi_{18}^7\ \Phi_{15}^6\ \Phi_{10}^4\ \Phi_9^8\ \Phi_6^6\ \Phi_5^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
15014	490	330	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{22}\ \Phi_{15}^2\ \Phi_{10}^2$
15015	490	960	$\frac{1}{15}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
15016	490	660	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}$
15017	490	153	$\frac{2}{51}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{153}^3\ \Phi_{51}^4\ \Phi_{17}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
15018	490	72	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{23}{72}$	$\frac{4}{9}$	$\Phi_{72}^7\ \Phi_{36}^7\ \Phi_{24}^6\ \Phi_{18}^7\ \Phi_{12}^6\ \Phi_9^8\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
15019	490	468	$\frac{3}{52}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
15020	490	576	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{15}{64}$	$\frac{4}{9}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
15021	490	180	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{60}$	$\frac{4}{9}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^4\ \Phi_{45}^3\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
15022	490	54	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{54}^{10}\ \Phi_{27}^{10}\ \Phi_{18}^7\ \Phi_9^8\ \Phi_6^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
15023	490	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{72}^6\ \Phi_{36}^6\ \Phi_{24}^6\ \Phi_{18}^6\ \Phi_{12}^6\ \Phi_9^7\ \Phi_8^{12}\ \Phi_6^6\ \Phi_4^{12}\ \Phi_3^7\ \Phi_2^{12}\ \Phi_1^{14}$
15024	490	264	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{6}$	$\frac{39}{88}$	$\Phi_{264}^4\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}^4\ \Phi_{22}\ \Phi_8^2$
15025	490	163	$\frac{13}{163}$	$\frac{19}{163}$	$\frac{30}{163}$	$\frac{72}{163}$	$\Phi_{163}^3\ \Phi_1^4$
15026	490	489	$\frac{55}{489}$	$\frac{61}{489}$	$\frac{62}{489}$	$\frac{214}{489}$	$\Phi_{489}\ \Phi_{163}\ \Phi_3\ \Phi_1^2$
15027	490	568	$\frac{8}{71}$	$\frac{1}{8}$	$\frac{9}{71}$	$\frac{31}{71}$	$\Phi_{568}\ \Phi_{284}\ \Phi_{142}$
15028	490	198	$\frac{8}{99}$	$\frac{13}{99}$	$\frac{1}{6}$	$\frac{43}{99}$	$\Phi_{198}^3\ \Phi_{99}^2\ \Phi_{66}^3\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{18}^3\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15029	490	36	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{36}^{14}\ \Phi_{18}^{14}\ \Phi_{12}^{12}\ \Phi_9^{14}\ \Phi_6^{14}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
15030	490	276	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{11}{46}$	$\frac{5}{12}$	$\Phi_{276}^3\ \Phi_{92}^3\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
15031	490	276	$\frac{4}{69}$	$\frac{1}{6}$	$\frac{13}{69}$	$\frac{5}{12}$	$\Phi_{276}^3\ \Phi_{92}^3\ \Phi_{69}\ \Phi_{23}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
15032	490	60	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{60}^{15}\ \Phi_{30}^3\ \Phi_{20}^{15}\ \Phi_{15}^2\ \Phi_{12}^{10}\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15033	490	276	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{276}^3\ \Phi_{92}^3\ \Phi_{23}^3\ \Phi_{12}^4\ \Phi_4^4\ \Phi_1^4$
15034	490	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{264}^2\ \Phi_{132}\ \Phi_{88}^3\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{11}^2$
15035	490	489	$\frac{41}{489}$	$\frac{64}{489}$	$\frac{85}{489}$	$\frac{202}{489}$	$\Phi_{489}\ \Phi_{163}\ \Phi_3\ \Phi_1^2$
15036	490	568	$\frac{6}{71}$	$\frac{1}{8}$	$\frac{13}{71}$	$\frac{29}{71}$	$\Phi_{568}\ \Phi_{284}\ \Phi_{142}$
15037	490	246	$\frac{1}{41}$	$\frac{8}{41}$	$\frac{1}{3}$	$\frac{33}{82}$	$\Phi_{246}^5\ \Phi_{123}\ \Phi_6^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
15038	490	180	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
15039	490	880	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{880}\ \Phi_{176}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
15040	490	600	$\frac{1}{50}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{600}^2\ \Phi_{150}\ \Phi_{120}^2\ \Phi_{75}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
15041	490	776	$\frac{6}{97}$	$\frac{13}{97}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{776}\ \Phi_{97}\ \Phi_8^2\ \Phi_1^2$
15042	490	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^4\ \Phi_{60}^5\ \Phi_{40}^4\ \Phi_{30}^5\ \Phi_{24}^4\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_6^5\ \Phi_5^4\ \Phi_3^4$
15043	490	270	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{270}^3\ \Phi_{90}^3\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{30}^3\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15044	490	369	$\frac{2}{123}$	$\frac{121}{369}$	$\frac{1}{3}$	$\frac{124}{369}$	$\Phi_{369}\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
15045	490	324	$\frac{2}{81}$	$\frac{79}{324}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15046	490	36	$\frac{1}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{36}^{14}\ \Phi_{18}^{14}\ \Phi_{12}^{14}\ \Phi_9^{12}\ \Phi_6^{14}\ \Phi_4^{14}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
15047	490	102	$\frac{2}{51}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{102}^6\ \Phi_{51}^4\ \Phi_{34}^6\ \Phi_{17}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15048	490	54	$\frac{2}{27}$	$\frac{5}{54}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{54}^{10}\ \Phi_{27}^8\ \Phi_{18}^{10}\ \Phi_9^8\ \Phi_6^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
15049	490	207	$\frac{2}{69}$	$\frac{2}{9}$	$\frac{67}{207}$	$\frac{1}{3}$	$\Phi_{207}^2\ \Phi_{69}^3\ \Phi_{23}^3\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
15050	490	72	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{72}^{10}\ \Phi_{36}^{10}\ \Phi_{18}^{10}\ \Phi_9^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15051	490	408	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{408}\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
15052	490	156	$\frac{3}{52}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^3\ \Phi_{78}^3\ \Phi_{52}^4\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15053	490	414	$\frac{1}{23}$	$\frac{2}{9}$	$\frac{11}{46}$	$\frac{1}{3}$	$\Phi_{414}^2\ \Phi_{207}\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
15054	490	192	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^4\ \Phi_{32}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15055	490	207	$\frac{4}{69}$	$\frac{13}{69}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{207}^3\ \Phi_{69}\ \Phi_{23}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
15056	490	90	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{90}^9\ \Phi_{45}^6\ \Phi_{30}^3\ \Phi_{18}^6\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_9^4\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15057	490	207	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{207}^3\ \Phi_{23}^3\ \Phi_9^4\ \Phi_1^4$
15058	490	792	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
15059	490	264	$\frac{19}{264}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15060	490	60	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{60}^{10}\ \Phi_{30}^{10}\ \Phi_{20}^{10}\ \Phi_{15}^{10}\ \Phi_{10}^{10}\ \Phi_6^2\ \Phi_5^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15061	490	408	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{408}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3$
15062	490	246	$\frac{29}{246}$	$\frac{31}{246}$	$\frac{43}{246}$	$\frac{1}{3}$	$\Phi_{246}^2\ \Phi_{123}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15063	490	54	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{54}^{10}\ \Phi_{27}^{10}\ \Phi_{18}^{10}\ \Phi_9^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15064	490	288	$\frac{5}{48}$	$\frac{43}{288}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15065	490	24	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{24}^{18}\ \Phi_{12}^{18}\ \Phi_8^{24}\ \Phi_6^{20}\ \Phi_4^{24}\ \Phi_3^{19}\ \Phi_2^{26}\ \Phi_1^{26}$
15066	490	270	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{45}$	$\frac{37}{135}$	$\Phi_{270}^3\ \Phi_{135}^2\ \Phi_{54}^3\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15067	490	240	$\frac{1}{15}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^3\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{30}^3\ \Phi_{24}\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15068	490	660	$\frac{1}{11}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
15069	490	66	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{66}^7\ \Phi_{33}^7\ \Phi_{22}^9\ \Phi_{11}^8\ \Phi_6^6\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
15070	491	784	$\frac{1}{98}$	$\frac{99}{392}$	$\frac{293}{784}$	$\frac{97}{196}$	$\Phi_{784}\ \Phi_{196}\ \Phi_{112}\ \Phi_{28}\ \Phi_{16}\ \Phi_4\ \Phi_1$
15071	491	840	$\frac{1}{70}$	$\frac{71}{420}$	$\frac{349}{840}$	$\frac{69}{140}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
15072	491	960	$\frac{11}{480}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{469}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{20}\ \Phi_4\ \Phi_1$
15073	491	960	$\frac{11}{480}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{469}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{15}\ \Phi_3\ \Phi_1$
15074	491	660	$\frac{4}{165}$	$\frac{1}{5}$	$\frac{169}{660}$	$\frac{161}{330}$	$\Phi_{660}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
15075	491	952	$\frac{15}{476}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{461}{952}$	$\Phi_{952}\ \Phi_{136}\ \Phi_{56}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
15076	491	924	$\frac{29}{462}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{433}{924}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{132}\ \Phi_{84}\ \Phi_{44}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
15077	491	550	$\frac{4}{55}$	$\frac{59}{550}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{550}\ \Phi_{275}\ \Phi_{55}\ \Phi_{50}\ \Phi_{25}\ \Phi_{11}\ \Phi_1$
15078	491	672	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{181}{672}$	$\frac{155}{336}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
15079	491	540	$\frac{4}{45}$	$\frac{49}{540}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
15080	491	600	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{109}{600}$	$\frac{91}{200}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
15081	491	900	$\frac{4}{45}$	$\frac{41}{450}$	$\frac{1}{5}$	$\frac{409}{900}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{180}\ \Phi_{100}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
15082	491	900	$\frac{41}{450}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{409}{900}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{180}\ \Phi_{100}\ \Phi_{60}\ \Phi_{50}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
15083	491	896	$\frac{1}{14}$	$\frac{43}{448}$	$\frac{13}{56}$	$\frac{405}{896}$	$\Phi_{896}\ \Phi_{128}\ \Phi_{56}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
15084	491	720	$\frac{11}{240}$	$\frac{1}{10}$	$\frac{229}{720}$	$\frac{9}{20}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
15085	491	520	$\frac{29}{520}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_4\ \Phi_1$
15086	491	640	$\frac{11}{160}$	$\frac{1}{10}$	$\frac{149}{640}$	$\frac{9}{20}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{128}\ \Phi_{64}\ \Phi_{20}\ \Phi_4\ \Phi_1$
15087	491	540	$\frac{49}{540}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
15088	491	600	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{109}{600}$	$\frac{9}{20}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
15089	491	560	$\frac{1}{10}$	$\frac{69}{560}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
15090	491	880	$\frac{4}{55}$	$\frac{51}{440}$	$\frac{1}{5}$	$\frac{389}{880}$	$\Phi_{880}\ \Phi_{176}\ \Phi_{80}\ \Phi_{55}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
15091	491	840	$\frac{1}{35}$	$\frac{71}{420}$	$\frac{34}{105}$	$\frac{349}{840}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{56}\ \Phi_{40}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
15092	491	840	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{71}{420}$	$\frac{349}{840}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
15093	491	700	$\frac{1}{35}$	$\frac{34}{175}$	$\frac{209}{700}$	$\frac{141}{350}$	$\Phi_{700}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
15094	491	800	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{400}$	$\frac{309}{800}$	$\Phi_{800}\ \Phi_{160}\ \Phi_{100}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
15095	491	560	$\frac{1}{14}$	$\frac{69}{560}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
15096	491	510	$\frac{19}{510}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{15}\ \Phi_3\ \Phi_1$
15097	491	756	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{113}{378}$	$\frac{265}{756}$	$\Phi_{756}\ \Phi_{252}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
15098	491	630	$\frac{1}{35}$	$\frac{139}{630}$	$\frac{34}{105}$	$\frac{71}{210}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
15099	491	720	$\frac{11}{240}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{229}{720}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
15100	491	600	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{109}{600}$	$\frac{41}{150}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{120}\ \Phi_{100}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
15101	491	675	$\frac{4}{45}$	$\frac{41}{225}$	$\frac{1}{5}$	$\frac{184}{675}$	$\Phi_{675}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
15102	491	672	$\frac{1}{14}$	$\frac{43}{224}$	$\frac{13}{56}$	$\frac{181}{672}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
15103	491	540	$\frac{49}{540}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
15104	491	600	$\frac{11}{120}$	$\frac{109}{600}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
15105	491	660	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{220}$	$\frac{169}{660}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
15106	492	732	$\frac{1}{122}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{121}{244}$	$\Phi_{732}\ \Phi_{244}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
15107	492	405	$\frac{1}{81}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{40}{81}$	$\Phi_{405}\ \Phi_{135}\ \Phi_{81}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
15108	492	324	$\frac{1}{81}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{40}{81}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
15109	492	491	$\frac{7}{491}$	$\frac{83}{491}$	$\frac{204}{491}$	$\frac{242}{491}$	$\Phi_{491}\ \Phi_1^2$
15110	492	220	$\frac{1}{55}$	$\frac{1}{4}$	$\frac{14}{55}$	$\frac{27}{55}$	$\Phi_{220}^3\ \Phi_{110}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_4^2\ \Phi_2^2$
15111	492	491	$\frac{9}{491}$	$\frac{122}{491}$	$\frac{125}{491}$	$\frac{241}{491}$	$\Phi_{491}\ \Phi_1^2$
15112	492	741	$\frac{5}{247}$	$\frac{42}{247}$	$\frac{1}{3}$	$\frac{121}{247}$	$\Phi_{741}\ \Phi_{57}\ \Phi_{39}$
15113	492	880	$\frac{1}{40}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{39}{80}$	$\Phi_{880}\ \Phi_{176}\ \Phi_{80}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_1^2$
15114	492	1680	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{1680}\ \Phi_{336}\ \Phi_{21}$
15115	492	880	$\frac{1}{40}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{39}{80}$	$\Phi_{880}\ \Phi_{176}\ \Phi_{80}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_1^2$
15116	492	80	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{39}{80}$	$\Phi_{80}^{12}\ \Phi_{20}\ \Phi_{16}^{12}\ \Phi_{10}$
15117	492	396	$\frac{1}{33}$	$\frac{17}{99}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{22}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
15118	492	78	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{78}^{12}\ \Phi_{39}\ \Phi_{26}^{12}\ \Phi_6^{12}\ \Phi_2^{12}$
15119	492	399	$\frac{1}{19}$	$\frac{10}{133}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{399}^2\ \Phi_{57}\ \Phi_{21}^2$
15120	492	308	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{36}{77}$	$\Phi_{308}^2\ \Phi_{154}^2\ \Phi_{44}^3\ \Phi_{28}^2\ \Phi_{22}^3\ \Phi_{14}^2\ \Phi_4^2\ \Phi_2^2$
15121	492	180	$\frac{1}{15}$	$\frac{4}{45}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^3\ \Phi_{36}^4\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
15122	492	728	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{728}\ \Phi_{182}\ \Phi_{104}\ \Phi_{91}\ \Phi_{26}$
15123	492	390	$\frac{7}{130}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
15124	492	228	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{1}{3}$	$\frac{35}{76}$	$\Phi_{228}^6\ \Phi_{57}\ \Phi_{12}^6$
15125	492	660	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{19}{60}$	$\frac{5}{11}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
15126	492	44	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_{11}^{12}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{12}$
15127	492	495	$\frac{4}{45}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
15128	492	550	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{5}{11}$	$\Phi_{550}\ \Phi_{275}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{11}\ \Phi_1^2$
15129	492	528	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{5}{11}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
15130	492	300	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{1}{4}$	$\frac{34}{75}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{60}^3\ \Phi_{50}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
15131	492	936	$\frac{1}{13}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{104}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
15132	492	624	$\frac{1}{13}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{104}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
15133	492	910	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{910}\ \Phi_{182}\ \Phi_{130}\ \Phi_{91}\ \Phi_{26}$
15134	492	210	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}^4\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^4\ \Phi_{15}\ \Phi_{14}^4\ \Phi_{10}^2\ \Phi_7^4\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
15135	492	340	$\frac{3}{85}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{340}^2\ \Phi_{170}^2\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{20}\ \Phi_{10}$
15136	492	270	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{13}{54}$	$\frac{2}{5}$	$\Phi_{270}^2\ \Phi_{135}\ \Phi_{90}^2\ \Phi_{54}^4\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
15137	492	45	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{45}^{11}\ \Phi_{15}^{11}\ \Phi_9^{10}\ \Phi_5^{12}\ \Phi_3^{10}\ \Phi_1^{12}$
15138	492	546	$\frac{1}{42}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{546}\ \Phi_{273}\ \Phi_{182}\ \Phi_{91}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
15139	492	132	$\frac{1}{33}$	$\frac{8}{33}$	$\frac{1}{4}$	$\frac{25}{66}$	$\Phi_{132}^5\ \Phi_{66}\ \Phi_{44}^5\ \Phi_{33}^4\ \Phi_{22}\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_6\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
15140	492	640	$\frac{5}{128}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
15141	492	310	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{10}{31}$	$\frac{21}{62}$	$\Phi_{310}^3\ \Phi_{155}\ \Phi_{10}^3$
15142	492	491	$\frac{8}{491}$	$\frac{161}{491}$	$\frac{163}{491}$	$\frac{165}{491}$	$\Phi_{491}\ \Phi_1^2$
15143	492	741	$\frac{4}{247}$	$\frac{81}{247}$	$\frac{1}{3}$	$\frac{83}{247}$	$\Phi_{741}\ \Phi_{57}\ \Phi_{39}$
15144	492	183	$\frac{1}{61}$	$\frac{20}{61}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{183}^2\ \Phi_{61}^4\ \Phi_3^3\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
15145	492	84	$\frac{1}{42}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{84}^8\ \Phi_{42}^4\ \Phi_{28}^8\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^7\ \Phi_7^4\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
15146	492	972	$\frac{2}{81}$	$\frac{1}{4}$	$\frac{79}{243}$	$\frac{1}{3}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{12}\ \Phi_6$
15147	492	420	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2$
15148	492	285	$\frac{1}{19}$	$\frac{13}{95}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{285}^3\ \Phi_{57}\ \Phi_{15}^3$
15149	492	273	$\frac{1}{13}$	$\frac{9}{91}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{273}^3\ \Phi_{39}\ \Phi_{21}^3$
15150	492	117	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{35}{117}$	$\frac{1}{3}$	$\Phi_{117}^6\ \Phi_{39}\ \Phi_9^6$
15151	492	57	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{16}{57}$	$\frac{1}{3}$	$\Phi_{57}^7\ \Phi_{19}^{12}\ \Phi_3^6\ \Phi_1^{12}$
15152	492	108	$\frac{1}{27}$	$\frac{13}{54}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{108}^6\ \Phi_{54}^2\ \Phi_{36}^6\ \Phi_{27}^4\ \Phi_{18}^2\ \Phi_{12}^7\ \Phi_9^4\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
15153	492	684	$\frac{7}{171}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{38}\ \Phi_{12}\ \Phi_6$
15154	492	924	$\frac{3}{44}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{231}\ \Phi_{21}$
15155	492	756	$\frac{2}{27}$	$\frac{25}{189}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
15156	492	180	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{36}^2\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
15157	492	456	$\frac{1}{19}$	$\frac{29}{152}$	$\frac{9}{38}$	$\frac{1}{3}$	$\Phi_{456}^2\ \Phi_{228}^2\ \Phi_{57}\ \Phi_{24}^2\ \Phi_{12}^2$
15158	492	156	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{52}$	$\frac{1}{3}$	$\Phi_{156}^6\ \Phi_{78}^6\ \Phi_{39}\ \Phi_{12}^6\ \Phi_6^6$
15159	492	315	$\frac{4}{45}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_7^2$
15160	492	1050	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{21}$
15161	492	336	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{336}^2\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2$
15162	492	660	$\frac{1}{20}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{19}{60}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
15163	492	60	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{19}{60}$	$\Phi_{60}^{12}\ \Phi_{30}^{12}\ \Phi_{20}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_{10}\ \Phi_6^{12}\ \Phi_3^{12}$
15164	492	924	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{4}$	$\frac{67}{231}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
15165	492	702	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{702}\ \Phi_{351}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
15166	492	44	$\frac{3}{44}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_{11}^{12}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{12}$
15167	492	495	$\frac{4}{45}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
15168	492	550	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{550}\ \Phi_{275}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{11}\ \Phi_1^2$
15169	492	528	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
15170	492	900	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{1}{4}$	$\frac{61}{225}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
15171	492	220	$\frac{3}{55}$	$\frac{13}{55}$	$\frac{1}{4}$	$\frac{14}{55}$	$\Phi_{220}^3\ \Phi_{110}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_4^2\ \Phi_2^2$
15172	492	220	$\frac{3}{44}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{220}^3\ \Phi_{110}^3\ \Phi_{55}^3\ \Phi_{20}\ \Phi_{10}$
15173	492	160	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{37}{160}$	$\frac{1}{4}$	$\Phi_{160}^4\ \Phi_{80}^4\ \Phi_{32}^4\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{10}$
15174	492	180	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^4$
15175	492	100	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{100}^8\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{20}\ \Phi_{10}$
15176	492	140	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^4\ \Phi_{70}^4\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{20}\ \Phi_{14}^4\ \Phi_{10}\ \Phi_7^4$
15177	492	240	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}\ \Phi_{15}^3\ \Phi_{10}$
15178	493	976	$\frac{5}{488}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{483}{976}$	$\Phi_{976}\ \Phi_{16}\ \Phi_8\ \Phi_1$
15179	493	660	$\frac{2}{165}$	$\frac{167}{660}$	$\frac{1}{3}$	$\frac{163}{330}$	$\Phi_{660}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_5\ \Phi_4\ \Phi_1$
15180	493	972	$\frac{7}{486}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{479}{972}$	$\Phi_{972}\ \Phi_{324}\ \Phi_{108}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
15181	493	594	$\frac{2}{99}$	$\frac{101}{594}$	$\frac{1}{3}$	$\frac{97}{198}$	$\Phi_{594}\ \Phi_{297}\ \Phi_{99}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_9\ \Phi_1$
15182	493	960	$\frac{13}{480}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{467}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{24}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
15183	493	960	$\frac{13}{480}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{467}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{15}\ \Phi_5\ \Phi_1$
15184	493	960	$\frac{13}{480}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{467}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
15185	493	224	$\frac{1}{28}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{27}{56}$	$\Phi_{224}^4\ \Phi_{56}\ \Phi_{32}^5\ \Phi_8\ \Phi_1$
15186	493	168	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{27}{56}$	$\Phi_{168}^4\ \Phi_{84}^4\ \Phi_{56}\ \Phi_{42}^4\ \Phi_{24}^5\ \Phi_{21}^4\ \Phi_{12}^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
15187	493	280	$\frac{1}{28}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{280}^4\ \Phi_{56}\ \Phi_{40}^4\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
15188	493	540	$\frac{2}{45}$	$\frac{47}{540}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
15189	493	936	$\frac{25}{468}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{443}{936}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{104}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
15190	493	528	$\frac{2}{33}$	$\frac{35}{528}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
15191	493	672	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{15}{32}$	$\Phi_{672}^2\ \Phi_{96}^2\ \Phi_{42}\ \Phi_{32}\ \Phi_{21}\ \Phi_6\ \Phi_3\ \Phi_1$
15192	493	32	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{32}^{14}\ \Phi_{16}^{17}\ \Phi_8^{17}\ \Phi_4^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
15193	493	1120	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{15}{32}$	$\Phi_{1120}\ \Phi_{160}\ \Phi_{35}\ \Phi_{32}\ \Phi_5\ \Phi_1$
15194	493	672	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{179}{672}$	$\frac{157}{336}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
15195	493	924	$\frac{2}{33}$	$\frac{31}{462}$	$\frac{1}{3}$	$\frac{431}{924}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{132}\ \Phi_{84}\ \Phi_{44}\ \Phi_{33}\ \Phi_{28}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
15196	493	54	$\frac{1}{18}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{54}^8\ \Phi_{27}^9\ \Phi_{18}^{10}\ \Phi_9^{11}\ \Phi_6^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
15197	493	720	$\frac{13}{240}$	$\frac{1}{12}$	$\frac{227}{720}$	$\frac{11}{24}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
15198	493	528	$\frac{35}{528}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
15199	493	600	$\frac{1}{12}$	$\frac{13}{120}$	$\frac{107}{600}$	$\frac{11}{24}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{24}\ \Phi_8\ \Phi_1$
15200	493	576	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{83}{576}$	$\frac{11}{24}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
15201	493	900	$\frac{2}{45}$	$\frac{43}{450}$	$\frac{1}{3}$	$\frac{407}{900}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{180}\ \Phi_{100}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
15202	493	360	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{360}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
15203	493	30	$\frac{1}{30}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{30}^{16}\ \Phi_{15}^{17}\ \Phi_{10}^{16}\ \Phi_6^{16}\ \Phi_5^{17}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
15204	493	864	$\frac{1}{12}$	$\frac{61}{432}$	$\frac{11}{72}$	$\frac{371}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
15205	493	576	$\frac{1}{12}$	$\frac{83}{576}$	$\frac{11}{72}$	$\frac{61}{144}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
15206	493	450	$\frac{1}{18}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{90}^2\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
15207	493	120	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{120}^6\ \Phi_{40}^6\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
15208	493	36	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{36}^{11}\ \Phi_{18}^{16}\ \Phi_{12}^{12}\ \Phi_9^{16}\ \Phi_6^{16}\ \Phi_4^{12}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
15209	493	840	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{420}$	$\frac{347}{840}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
15210	493	512	$\frac{19}{512}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
15211	493	144	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{144}^6\ \Phi_{48}^5\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
15212	493	504	$\frac{11}{504}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
15213	493	792	$\frac{2}{99}$	$\frac{97}{396}$	$\frac{1}{3}$	$\frac{299}{792}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{33}\ \Phi_{24}\ \Phi_{11}\ \Phi_9\ \Phi_8\ \Phi_1$
15214	493	744	$\frac{3}{124}$	$\frac{1}{4}$	$\frac{121}{372}$	$\frac{251}{744}$	$\Phi_{744}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{31}\ \Phi_{24}\ \Phi_8\ \Phi_1$
15215	493	729	$\frac{7}{243}$	$\frac{2}{9}$	$\frac{236}{729}$	$\frac{1}{3}$	$\Phi_{729}\ \Phi_9\ \Phi_1$
15216	493	720	$\frac{13}{240}$	$\frac{2}{15}$	$\frac{227}{720}$	$\frac{1}{3}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
15217	493	693	$\frac{2}{33}$	$\frac{31}{231}$	$\frac{200}{693}$	$\frac{1}{3}$	$\Phi_{693}\ \Phi_{99}\ \Phi_{63}\ \Phi_{33}\ \Phi_{11}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
15218	493	675	$\frac{2}{45}$	$\frac{43}{225}$	$\frac{182}{675}$	$\frac{1}{3}$	$\Phi_{675}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
15219	493	513	$\frac{20}{513}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{513}\ \Phi_{171}\ \Phi_{57}\ \Phi_{19}\ \Phi_9\ \Phi_1$
15220	493	648	$\frac{7}{162}$	$\frac{2}{9}$	$\frac{155}{648}$	$\frac{1}{3}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
15221	493	36	$\frac{1}{18}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{36}^{17}\ \Phi_{18}^{10}\ \Phi_{12}^{17}\ \Phi_9^{11}\ \Phi_6^{10}\ \Phi_4^{17}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
15222	493	567	$\frac{7}{81}$	$\frac{74}{567}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{567}\ \Phi_{189}\ \Phi_{63}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$
15223	493	540	$\frac{47}{540}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
15224	493	540	$\frac{47}{540}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
15225	493	600	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{107}{600}$	$\frac{1}{3}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_1$
15226	493	720	$\frac{13}{240}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{227}{720}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
15227	493	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{13}{42}$	$\Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^4\ \Phi_{42}^3\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_8^4\ \Phi_7^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
15228	493	420	$\frac{1}{14}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
15229	493	96	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{96}^8\ \Phi_{48}^8\ \Phi_{32}\ \Phi_{24}^5\ \Phi_{16}\ \Phi_{12}^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
15230	493	840	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{7}{24}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
15231	493	648	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{155}{648}$	$\frac{61}{216}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
15232	493	528	$\frac{35}{528}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
15233	493	160	$\frac{3}{32}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{160}^4\ \Phi_{80}^4\ \Phi_{40}^4\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
15234	493	640	$\frac{13}{160}$	$\frac{3}{16}$	$\frac{147}{640}$	$\frac{1}{4}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
15235	493	560	$\frac{67}{560}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
15236	493	576	$\frac{13}{96}$	$\frac{83}{576}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
15237	493	140	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{140}^3\ \Phi_{70}^3\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_5^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
15238	494	1464	$\frac{3}{244}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{241}{488}$	$\Phi_{1464}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
15239	494	888	$\frac{1}{37}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{18}{37}$	$\Phi_{888}\ \Phi_{296}\ \Phi_{37}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
15240	494	555	$\frac{1}{37}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{555}\ \Phi_{185}\ \Phi_{37}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
15241	494	666	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{18}{37}$	$\Phi_{666}\ \Phi_{333}\ \Phi_{37}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
15242	494	592	$\frac{1}{37}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{18}{37}$	$\Phi_{592}\ \Phi_{296}\ \Phi_{37}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
15243	494	480	$\frac{7}{240}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{233}{480}$	$\Phi_{480}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
15244	494	464	$\frac{1}{29}$	$\frac{15}{232}$	$\frac{217}{464}$	$\frac{14}{29}$	$\Phi_{464}^2\ \Phi_{29}\ \Phi_{16}^2\ \Phi_1^2$
15245	494	348	$\frac{1}{29}$	$\frac{15}{116}$	$\frac{101}{348}$	$\frac{14}{29}$	$\Phi_{348}^2\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{29}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
15246	494	290	$\frac{1}{29}$	$\frac{43}{290}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{290}^2\ \Phi_{145}^2\ \Phi_{29}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
15247	494	476	$\frac{9}{238}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{229}{476}$	$\Phi_{476}^2\ \Phi_{68}^2\ \Phi_{28}^2\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
15248	494	900	$\frac{1}{25}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{12}{25}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{180}\ \Phi_{100}\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
15249	494	525	$\frac{1}{25}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{525}\ \Phi_{175}\ \Phi_{105}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
15250	494	675	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{12}{25}$	$\Phi_{675}\ \Phi_{135}\ \Phi_{27}^2\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
15251	494	600	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{12}{25}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{120}\ \Phi_{100}\ \Phi_{60}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
15252	494	252	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{252}^4\ \Phi_{84}^4\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
15253	494	180	$\frac{1}{18}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{180}^5\ \Phi_{60}^5\ \Phi_{36}^6\ \Phi_{20}^5\ \Phi_{15}^2\ \Phi_{12}^6\ \Phi_5\ \Phi_4^6\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
15254	494	357	$\frac{1}{17}$	$\frac{9}{119}$	$\frac{110}{357}$	$\frac{8}{17}$	$\Phi_{357}^2\ \Phi_{51}^2\ \Phi_{21}^2\ \Phi_{17}\ \Phi_3^2\ \Phi_1^2$
15255	494	272	$\frac{1}{17}$	$\frac{25}{272}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{272}^2\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
15256	494	459	$\frac{1}{17}$	$\frac{35}{459}$	$\frac{16}{51}$	$\frac{212}{459}$	$\Phi_{459}\ \Phi_{153}\ \Phi_{51}^2\ \Phi_{27}\ \Phi_{17}\ \Phi_9\ \Phi_3^2\ \Phi_1^2$
15257	494	182	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{182}^3\ \Phi_{91}^3\ \Phi_{26}\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_1^2$
15258	494	120	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{120}^8\ \Phi_{60}\ \Phi_{40}^8\ \Phi_{30}\ \Phi_{24}^6\ \Phi_{15}\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
15259	494	340	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{93}{340}$	$\frac{77}{170}$	$\Phi_{340}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
15260	494	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
15261	494	768	$\frac{9}{256}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
15262	494	435	$\frac{1}{29}$	$\frac{59}{435}$	$\frac{28}{87}$	$\frac{188}{435}$	$\Phi_{435}\ \Phi_{145}\ \Phi_{87}^2\ \Phi_{29}\ \Phi_{15}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
15263	494	1302	$\frac{1}{31}$	$\frac{30}{217}$	$\frac{1}{3}$	$\frac{187}{434}$	$\Phi_{1302}\ \Phi_{186}\ \Phi_{93}\ \Phi_{42}\ \Phi_6$
15264	494	306	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{59}{306}$	$\frac{43}{102}$	$\Phi_{306}^2\ \Phi_{153}^2\ \Phi_{51}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
15265	494	348	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{101}{348}$	$\frac{73}{174}$	$\Phi_{348}^2\ \Phi_{116}^2\ \Phi_{87}^2\ \Phi_{29}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
15266	494	425	$\frac{1}{17}$	$\frac{69}{425}$	$\frac{16}{85}$	$\frac{178}{425}$	$\Phi_{425}\ \Phi_{85}^2\ \Phi_{25}\ \Phi_{17}\ \Phi_5^2\ \Phi_1^2$
15267	494	864	$\frac{1}{27}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
15268	494	408	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{43}{204}$	$\frac{161}{408}$	$\Phi_{408}^2\ \Phi_{136}^2\ \Phi_{51}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_3^2\ \Phi_1^2$
15269	494	216	$\frac{1}{27}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^2\ \Phi_{108}^3\ \Phi_{72}^2\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15270	494	270	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{270}^3\ \Phi_{135}\ \Phi_{90}^3\ \Phi_{54}^3\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
15271	494	372	$\frac{1}{62}$	$\frac{61}{186}$	$\frac{1}{3}$	$\frac{125}{372}$	$\Phi_{372}^2\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{93}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
15272	494	60	$\frac{1}{20}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{60}^9\ \Phi_{30}^9\ \Phi_{20}^8\ \Phi_{15}^7\ \Phi_{12}^9\ \Phi_{10}^8\ \Phi_6^9\ \Phi_5^6\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
15273	494	42	$\frac{1}{14}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{42}^{13}\ \Phi_{21}^{11}\ \Phi_{14}^{12}\ \Phi_7^{10}\ \Phi_6^{13}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
15274	494	360	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{113}{360}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
15275	494	378	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{54}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
15276	494	264	$\frac{17}{264}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_6$
15277	494	180	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
15278	494	240	$\frac{1}{20}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{60}\ \Phi_{48}^3\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
15279	494	960	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{320}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{192}\ \Phi_{96}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
15280	494	630	$\frac{1}{14}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{10}\ \Phi_6$
15281	494	168	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{168}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{42}\ \Phi_{28}^4\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2$
15282	494	105	$\frac{2}{21}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^5\ \Phi_{35}^5\ \Phi_{21}^6\ \Phi_{15}^2\ \Phi_7^6\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
15283	494	840	$\frac{33}{280}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
15284	494	288	$\frac{1}{8}$	$\frac{41}{288}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
15285	494	306	$\frac{1}{17}$	$\frac{59}{306}$	$\frac{35}{153}$	$\frac{16}{51}$	$\Phi_{306}^2\ \Phi_{153}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_9\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
15286	494	135	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{135}^5\ \Phi_{27}^6\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
15287	494	120	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{120}^5\ \Phi_{60}^5\ \Phi_{40}^5\ \Phi_{24}^6\ \Phi_{20}^5\ \Phi_{15}^2\ \Phi_{12}^6\ \Phi_8^6\ \Phi_5\ \Phi_4^6\ \Phi_3^2\ \Phi_1^2$
15288	495	392	$\frac{1}{98}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{97}{196}$	$\Phi_{392}^2\ \Phi_{196}\ \Phi_{56}^2\ \Phi_{28}\ \Phi_8^3\ \Phi_4\ \Phi_1$
15289	495	432	$\frac{1}{54}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{53}{108}$	$\Phi_{432}^2\ \Phi_{144}^2\ \Phi_{108}\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
15290	495	108	$\frac{1}{54}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{53}{108}$	$\Phi_{108}^5\ \Phi_{54}^4\ \Phi_{36}^5\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{12}^5\ \Phi_9^4\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
15291	495	440	$\frac{1}{44}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{43}{88}$	$\Phi_{440}^2\ \Phi_{88}^3\ \Phi_{40}^2\ \Phi_{20}\ \Phi_8^3\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
15292	495	1320	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{43}{88}$	$\Phi_{1320}\ \Phi_{264}\ \Phi_{120}\ \Phi_{88}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
15293	495	304	$\frac{1}{38}$	$\frac{13}{152}$	$\frac{139}{304}$	$\frac{37}{76}$	$\Phi_{304}^{3}\ \Phi_{76}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
15294	495	76	$\frac{1}{38}$	$\frac{13}{76}$	$\frac{21}{76}$	$\frac{37}{76}$	$\Phi_{76}^{7}\ \Phi_{38}^{6}\ \Phi_{19}^{6}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
15295	495	608	$\frac{1}{38}$	$\frac{113}{608}$	$\frac{39}{152}$	$\frac{37}{76}$	$\Phi_{608}\ \Phi_{304}\ \Phi_{76}\ \Phi_{32}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
15296	495	448	$\frac{1}{32}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{31}{64}$	$\Phi_{448}^{2}\ \Phi_{64}^{3}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
15297	495	448	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{31}{64}$	$\Phi_{448}^{2}\ \Phi_{64}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
15298	495	192	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{192}^{6}\ \Phi_{64}^{3}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
15299	495	104	$\frac{1}{26}$	$\frac{3}{52}$	$\frac{49}{104}$	$\frac{25}{52}$	$\Phi_{104}^{9}\ \Phi_{52}\ \Phi_{8}^{9}\ \Phi_{4}\ \Phi_{1}$
15300	495	208	$\frac{1}{26}$	$\frac{9}{52}$	$\frac{43}{208}$	$\frac{25}{52}$	$\Phi_{208}^{3}\ \Phi_{104}^{3}\ \Phi_{52}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
15301	495	570	$\frac{4}{95}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{91}{190}$	$\Phi_{570}\ \Phi_{285}\ \Phi_{114}\ \Phi_{95}\ \Phi_{57}\ \Phi_{30}^{2}\ \Phi_{19}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
15302	495	120	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{7}{40}$	$\frac{19}{40}$	$\Phi_{120}^{4}\ \Phi_{60}^{6}\ \Phi_{40}^{2}\ \Phi_{30}^{6}\ \Phi_{24}^{4}\ \Phi_{20}^{3}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{10}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
15303	495	104	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{49}{104}$	$\Phi_{104}^{9}\ \Phi_{13}^{2}\ \Phi_{8}^{9}\ \Phi_{1}^{3}$
15304	495	520	$\frac{3}{52}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{520}^{2}\ \Phi_{104}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
15305	495	676	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{181}{676}$	$\frac{157}{338}$	$\Phi_{676}\ \Phi_{169}\ \Phi_{52}\ \Phi_{4}\ \Phi_{1}$
15306	495	112	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{5}{16}$	$\frac{13}{28}$	$\Phi_{112}^{4}\ \Phi_{56}^{4}\ \Phi_{28}^{5}\ \Phi_{16}^{6}\ \Phi_{14}^{4}\ \Phi_{8}^{6}\ \Phi_{7}^{4}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
15307	495	84	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{84}^{6}\ \Phi_{42}^{6}\ \Phi_{28}^{5}\ \Phi_{21}^{6}\ \Phi_{14}^{4}\ \Phi_{12}^{9}\ \Phi_{7}^{4}\ \Phi_{6}^{9}\ \Phi_{4}^{7}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
15308	495	280	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{13}{28}$	$\Phi_{280}^{2}\ \Phi_{140}^{2}\ \Phi_{70}^{2}\ \Phi_{40}^{3}\ \Phi_{35}^{2}\ \Phi_{28}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
15309	495	304	$\frac{1}{19}$	$\frac{13}{152}$	$\frac{6}{19}$	$\frac{139}{304}$	$\Phi_{304}^{3}\ \Phi_{19}^{2}\ \Phi_{16}^{3}\ \Phi_{1}^{3}$
15310	495	220	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{7}{22}$	$\frac{9}{20}$	$\Phi_{220}^{4}\ \Phi_{44}^{4}\ \Phi_{22}^{2}\ \Phi_{20}^{5}\ \Phi_{11}^{2}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
15311	495	80	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{80}^{6}\ \Phi_{40}^{6}\ \Phi_{20}^{5}\ \Phi_{16}^{9}\ \Phi_{10}^{4}\ \Phi_{8}^{9}\ \Phi_{5}^{4}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
15312	495	220	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{9}{20}$	$\Phi_{220}^{4}\ \Phi_{44}^{4}\ \Phi_{20}^{5}\ \Phi_{11}^{4}\ \Phi_{4}^{5}\ \Phi_{1}^{5}$
15313	495	60	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{60}^{18}\ \Phi_{30}^{2}\ \Phi_{20}^{9}\ \Phi_{15}^{2}\ \Phi_{12}^{18}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}^{9}\ \Phi_{3}\ \Phi_{1}$
15314	495	76	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{21}{76}$	$\frac{17}{38}$	$\Phi_{76}^{9}\ \Phi_{19}^{8}\ \Phi_{4}^{9}\ \Phi_{1}^{9}$
15315	495	490	$\frac{1}{10}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{490}\ \Phi_{245}\ \Phi_{70}^{2}\ \Phi_{49}\ \Phi_{35}^{2}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
15316	495	912	$\frac{2}{57}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{912}\ \Phi_{304}\ \Phi_{57}\ \Phi_{19}\ \Phi_{16}\ \Phi_{1}$
15317	495	1296	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{26}{81}$	$\frac{7}{16}$	$\Phi_{1296}\ \Phi_{81}\ \Phi_{16}\ \Phi_{1}$
15318	495	144	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{16}$	$\Phi_{144}^{6}\ \Phi_{72}\ \Phi_{48}^{6}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}^{7}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
15319	495	432	$\frac{2}{27}$	$\frac{1}{8}$	$\frac{5}{27}$	$\frac{7}{16}$	$\Phi_{432}^{2}\ \Phi_{144}^{2}\ \Phi_{48}^{2}\ \Phi_{27}^{2}\ \Phi_{16}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
15320	495	48	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{48}^{18}\ \Phi_{16}^{19}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
15321	495	320	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{320}^{2}\ \Phi_{160}^{2}\ \Phi_{64}\ \Phi_{40}^{2}\ \Phi_{32}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
15322	495	1008	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{63}$	$\frac{7}{16}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{112}\ \Phi_{63}\ \Phi_{21}\ \Phi_{16}\ \Phi_{7}\ \Phi_{1}$
15323	495	480	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{480}^{2}\ \Phi_{160}^{2}\ \Phi_{96}\ \Phi_{40}^{2}\ \Phi_{32}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
15324	495	76	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{7}{38}$	$\frac{31}{76}$	$\Phi_{76}^{11}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{4}^{11}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
15325	495	832	$\frac{1}{26}$	$\frac{79}{416}$	$\frac{25}{104}$	$\frac{337}{832}$	$\Phi_{832}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
15326	495	414	$\frac{1}{46}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{414}\ \Phi_{207}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{46}\ \Phi_{23}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
15327	495	480	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{19}{80}$	$\frac{61}{160}$	$\Phi_{480}^{2}\ \Phi_{160}\ \Phi_{96}^{2}\ \Phi_{60}^{2}\ \Phi_{32}\ \Phi_{30}^{2}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
15328	495	208	$\frac{1}{26}$	$\frac{43}{208}$	$\frac{25}{104}$	$\frac{79}{208}$	$\Phi_{208}^{2}\ \Phi_{104}^{3}\ \Phi_{52}^{3}\ \Phi_{26}^{2}\ \Phi_{16}^{2}\ \Phi_{13}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
15329	495	392	$\frac{1}{49}$	$\frac{1}{4}$	$\frac{16}{49}$	$\frac{3}{8}$	$\Phi_{392}^{2}\ \Phi_{56}^{2}\ \Phi_{49}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
15330	495	368	$\frac{1}{46}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{368}^2\ \Phi_{92}^2\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_4\ \Phi_1$
15331	495	136	$\frac{1}{34}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{136}^6\ \Phi_{68}^2\ \Phi_{34}\ \Phi_{17}\ \Phi_8^3\ \Phi_4\ \Phi_1$
15332	495	312	$\frac{5}{104}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
15333	495	280	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^3\ \Phi_{56}^2\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
15334	495	112	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{112}^5\ \Phi_{56}^3\ \Phi_{28}^5\ \Phi_{16}^5\ \Phi_{14}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
15335	495	392	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{392}^2\ \Phi_{56}^2\ \Phi_{49}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
15336	495	120	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^8\ \Phi_{60}^2\ \Phi_{40}^6\ \Phi_{30}^2\ \Phi_{24}^4\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
15337	495	57	$\frac{2}{57}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{57}^9\ \Phi_{19}^8\ \Phi_3^9\ \Phi_1^9$
15338	495	52	$\frac{1}{26}$	$\frac{5}{26}$	$\frac{7}{26}$	$\frac{19}{52}$	$\Phi_{52}^{15}\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_4^{15}\ \Phi_2^4\ \Phi_1^5$
15339	495	182	$\frac{1}{13}$	$\frac{17}{182}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{182}^3\ \Phi_{91}^3\ \Phi_{14}^3\ \Phi_{13}^2\ \Phi_7^3\ \Phi_1^3$
15340	495	420	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{420}^2\ \Phi_{140}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
15341	495	38	$\frac{1}{19}$	$\frac{5}{38}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{38}^{12}\ \Phi_{19}^{14}\ \Phi_2^{12}\ \Phi_1^{15}$
15342	495	150	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{8}{25}$	$\frac{17}{50}$	$\Phi_{150}^4\ \Phi_{75}^4\ \Phi_{50}\ \Phi_{30}^4\ \Phi_{25}^3\ \Phi_{15}^4\ \Phi_{10}\ \Phi_6^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^3$
15343	495	247	$\frac{4}{247}$	$\frac{81}{247}$	$\frac{82}{247}$	$\frac{83}{247}$	$\Phi_{247}^2\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_1^3$
15344	495	228	$\frac{2}{57}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{19}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
15345	495	324	$\frac{1}{27}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{26}{81}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{81}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
15346	495	330	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{7}{22}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}^3\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
15347	495	76	$\frac{1}{19}$	$\frac{13}{76}$	$\frac{21}{76}$	$\frac{6}{19}$	$\Phi_{76}^6\ \Phi_{38}^6\ \Phi_{19}^8\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
15348	495	112	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{16}$	$\Phi_{112}^4\ \Phi_{56}^4\ \Phi_{28}^4\ \Phi_{16}^6\ \Phi_{14}^4\ \Phi_8^6\ \Phi_7^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
15349	495	48	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{48}^{12}\ \Phi_{24}^{12}\ \Phi_{16}^6\ \Phi_{12}^{14}\ \Phi_8^6\ \Phi_6^{13}\ \Phi_4^7\ \Phi_3^{13}\ \Phi_2^6\ \Phi_1^7$
15350	495	247	$\frac{16}{247}$	$\frac{34}{247}$	$\frac{71}{247}$	$\frac{77}{247}$	$\Phi_{247}^2\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_1^3$
15351	495	300	$\frac{7}{100}$	$\frac{1}{6}$	$\frac{23}{100}$	$\frac{31}{100}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
15352	495	78	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{78}$	$\frac{4}{13}$	$\Phi_{78}^9\ \Phi_{39}^9\ \Phi_{13}^2\ \Phi_6^9\ \Phi_3^9\ \Phi_1^3$
15353	495	13	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{13}^{38}\ \Phi_1^{39}$
15354	495	208	$\frac{1}{13}$	$\frac{9}{52}$	$\frac{43}{208}$	$\frac{4}{13}$	$\Phi_{208}^3\ \Phi_{104}^3\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_1^3$
15355	495	332	$\frac{13}{166}$	$\frac{23}{166}$	$\frac{1}{4}$	$\frac{51}{166}$	$\Phi_{332}^2\ \Phi_{166}\ \Phi_{83}\ \Phi_4\ \Phi_1$
15356	495	120	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{24}^6\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^6\ \Phi_{10}\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_4^3\ \Phi_3\ \Phi_1$
15357	495	360	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{72}\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
15358	495	84	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{84}^6\ \Phi_{42}^6\ \Phi_{28}^4\ \Phi_{21}^6\ \Phi_{14}^4\ \Phi_{12}^9\ \Phi_7^6\ \Phi_6^9\ \Phi_4^6\ \Phi_3^9\ \Phi_2^6\ \Phi_1^9$
15359	495	70	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{70}^8\ \Phi_{35}^8\ \Phi_{14}^3\ \Phi_{10}^7\ \Phi_7^5\ \Phi_5^7\ \Phi_2^2\ \Phi_1^5$
15360	495	280	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{40}$	$\frac{2}{7}$	$\Phi_{280}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
15361	495	276	$\frac{1}{12}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{46}\ \Phi_{23}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
15362	495	247	$\frac{17}{247}$	$\frac{46}{247}$	$\frac{60}{247}$	$\frac{67}{247}$	$\Phi_{247}^2\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_1^3$
15363	495	332	$\frac{11}{166}$	$\frac{31}{166}$	$\frac{1}{4}$	$\frac{45}{166}$	$\Phi_{332}^2\ \Phi_{166}\ \Phi_{83}\ \Phi_4\ \Phi_1$
15364	495	240	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
15365	495	165	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{165}^4\ \Phi_{33}^4\ \Phi_{15}^5\ \Phi_{11}^4\ \Phi_3^5\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
15366	495	30	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{30}^{15}\ \Phi_{15}^{16}\ \Phi_{10}^{19}\ \Phi_{6}^{14}\ \Phi_{5}^{19}\ \Phi_{3}^{15}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
15367	495	72	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{72}^{9}\ \Phi_{36}^{5}\ \Phi_{24}^{9}\ \Phi_{18}^{4}\ \Phi_{12}^{5}\ \Phi_{9}^{4}\ \Phi_{8}^{9}\ \Phi_{6}^{4}\ \Phi_{4}^{7}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
15368	495	108	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{108}^{4}\ \Phi_{54}^{4}\ \Phi_{36}^{4}\ \Phi_{27}^{6}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{6}\ \Phi_{6}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
15369	495	12	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{12}^{41}\ \Phi_{6}^{40}\ \Phi_{4}^{43}\ \Phi_{3}^{40}\ \Phi_{2}^{42}\ \Phi_{1}^{43}$
15370	495	252	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{252}^{2}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{63}^{3}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
15371	495	384	$\frac{3}{32}$	$\frac{1}{6}$	$\frac{29}{128}$	$\frac{1}{4}$	$\Phi_{384}^{2}\ \Phi_{192}^{2}\ \Phi_{128}\ \Phi_{64}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
15372	495	336	$\frac{13}{112}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{112}\ \Phi_{84}^{2}\ \Phi_{56}\ \Phi_{42}^{2}\ \Phi_{28}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
15373	495	120	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{120}^{6}\ \Phi_{60}^{6}\ \Phi_{40}^{3}\ \Phi_{30}^{6}\ \Phi_{20}^{3}\ \Phi_{15}^{6}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{6}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
15374	496	123	$\frac{1}{123}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{61}{123}$	$\Phi_{123}^{4}\ \Phi_{41}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
15375	496	99	$\frac{1}{99}$	$\frac{25}{99}$	$\frac{37}{99}$	$\frac{49}{99}$	$\Phi_{99}^{5}\ \Phi_{33}^{5}\ \Phi_{11}^{5}\ \Phi_{9}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
15376	496	249	$\frac{1}{83}$	$\frac{21}{83}$	$\frac{1}{3}$	$\frac{41}{83}$	$\Phi_{249}^{3}\ \Phi_{3}^{2}$
15377	496	245	$\frac{3}{245}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{121}{245}$	$\Phi_{245}^{2}\ \Phi_{49}^{2}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
15378	496	427	$\frac{1}{61}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{30}{61}$	$\Phi_{427}\ \Phi_{61}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
15379	496	915	$\frac{1}{61}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{30}{61}$	$\Phi_{915}\ \Phi_{15}^{2}$
15380	496	55	$\frac{1}{55}$	$\frac{7}{55}$	$\frac{24}{55}$	$\frac{27}{55}$	$\Phi_{55}^{9}\ \Phi_{11}^{9}\ \Phi_{5}^{9}\ \Phi_{1}^{10}$
15381	496	165	$\frac{1}{55}$	$\frac{41}{165}$	$\frac{14}{55}$	$\frac{27}{55}$	$\Phi_{165}^{4}\ \Phi_{55}\ \Phi_{33}^{4}\ \Phi_{15}^{4}\ \Phi_{11}\ \Phi_{5}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
15382	496	243	$\frac{5}{243}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{119}{243}$	$\Phi_{243}^{2}\ \Phi_{81}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
15383	496	225	$\frac{1}{45}$	$\frac{23}{225}$	$\frac{101}{225}$	$\frac{22}{45}$	$\Phi_{225}^{2}\ \Phi_{75}^{2}\ \Phi_{45}^{3}\ \Phi_{25}^{2}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
15384	496	125	$\frac{3}{125}$	$\frac{1}{5}$	$\frac{32}{125}$	$\frac{61}{125}$	$\Phi_{125}^{4}\ \Phi_{25}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
15385	496	121	$\frac{3}{121}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{59}{121}$	$\Phi_{121}^{4}\ \Phi_{11}^{5}\ \Phi_{1}^{6}$
15386	496	495	$\frac{13}{495}$	$\frac{92}{495}$	$\frac{127}{495}$	$\frac{241}{495}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
15387	496	249	$\frac{7}{249}$	$\frac{32}{249}$	$\frac{1}{3}$	$\frac{121}{249}$	$\Phi_{249}^{2}\ \Phi_{83}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
15388	496	231	$\frac{1}{33}$	$\frac{17}{231}$	$\frac{107}{231}$	$\frac{16}{33}$	$\Phi_{231}^{2}\ \Phi_{77}^{2}\ \Phi_{33}^{3}\ \Phi_{21}^{2}\ \Phi_{11}^{3}\ \Phi_{7}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
15389	496	60	$\frac{1}{30}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{29}{60}$	$\Phi_{60}^{16}\ \Phi_{20}^{16}\ \Phi_{15}\ \Phi_{12}^{16}\ \Phi_{5}\ \Phi_{4}^{16}\ \Phi_{3}\ \Phi_{1}^{2}$
15390	496	180	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{180}^{6}\ \Phi_{60}^{4}\ \Phi_{36}^{6}\ \Phi_{20}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
15391	496	60	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{29}{60}$	$\Phi_{60}^{16}\ \Phi_{20}^{16}\ \Phi_{12}^{16}\ \Phi_{5}^{3}\ \Phi_{4}^{16}\ \Phi_{1}^{4}$
15392	496	75	$\frac{1}{25}$	$\frac{13}{75}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{75}^{8}\ \Phi_{25}^{4}\ \Phi_{15}^{8}\ \Phi_{5}^{3}\ \Phi_{3}^{8}\ \Phi_{1}^{4}$
15393	496	475	$\frac{21}{475}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{227}{475}$	$\Phi_{475}\ \Phi_{95}\ \Phi_{25}^{2}\ \Phi_{19}\ \Phi_{5}\ \Phi_{1}^{2}$
15394	496	126	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{126}^{6}\ \Phi_{63}^{3}\ \Phi_{42}^{4}\ \Phi_{21}^{2}\ \Phi_{18}^{6}\ \Phi_{14}^{4}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
15395	496	117	$\frac{7}{117}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{55}{117}$	$\Phi_{117}^{4}\ \Phi_{39}^{4}\ \Phi_{13}^{4}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
15396	496	165	$\frac{2}{33}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{165}^{3}\ \Phi_{55}^{3}\ \Phi_{33}^{4}\ \Phi_{15}\ \Phi_{11}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
15397	496	45	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{7}{15}$	$\Phi_{45}^{16}\ \Phi_{15}\ \Phi_{9}^{16}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
15398	496	135	$\frac{1}{15}$	$\frac{11}{135}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{135}^{4}\ \Phi_{45}^{4}\ \Phi_{27}^{4}\ \Phi_{15}\ \Phi_{9}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
15399	496	120	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{7}{15}$	$\Phi_{120}^{5}\ \Phi_{60}^{5}\ \Phi_{40}^{6}\ \Phi_{24}^{5}\ \Phi_{20}^{6}\ \Phi_{15}\ \Phi_{12}^{5}\ \Phi_{8}^{6}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{3}\ \Phi_{1}^{2}$
15400	496	105	$\frac{1}{15}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{105}^{5}\ \Phi_{35}^{6}\ \Phi_{21}^{5}\ \Phi_{15}\ \Phi_{7}^{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
15401	496	75	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{7}{15}$	$\Phi_{75}^{8}\ \Phi_{25}^{8}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
15402	496	180	$\frac{1}{15}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{180}^{3}\ \Phi_{90}^{3}\ \Phi_{60}^{3}\ \Phi_{45}^{3}\ \Phi_{36}^{4}\ \Phi_{20}^{3}\ \Phi_{18}^{4}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{5}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
15403	496	363	$\frac{6}{121}$	$\frac{1}{11}$	$\frac{115}{363}$	$\frac{5}{11}$	$\Phi_{363}^{2}\ \Phi_{33}^{2}\ \Phi_{11}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
15404	496	33	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{33}^{16}\ \Phi_{11}^{13}\ \Phi_{3}^{16}\ \Phi_{1}^{14}$
15405	496	225	$\frac{2}{25}$	$\frac{23}{225}$	$\frac{1}{5}$	$\frac{101}{225}$	$\Phi_{225}^{2}\ \Phi_{75}^{2}\ \Phi_{45}^{2}\ \Phi_{25}^{4}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
15406	496	952	$\frac{1}{17}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{952}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
15407	496	504	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{504}^{2}\ \Phi_{168}^{2}\ \Phi_{72}^{2}\ \Phi_{63}\ \Phi_{24}^{2}\ \Phi_{21}$
15408	496	81	$\frac{5}{81}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{4}{9}$	$\Phi_{81}^{6}\ \Phi_{27}^{6}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
15409	496	135	$\frac{11}{135}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{135}^{4}\ \Phi_{45}^{4}\ \Phi_{27}^{2}\ \Phi_{15}^{4}\ \Phi_{9}^{3}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
15410	496	36	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{36}^{16}\ \Phi_{18}^{16}\ \Phi_{12}^{16}\ \Phi_{9}^{7}\ \Phi_{6}^{16}\ \Phi_{4}^{16}\ \Phi_{3}^{7}\ \Phi_{2}^{16}\ \Phi_{1}^{8}$
15411	496	441	$\frac{1}{9}$	$\frac{55}{441}$	$\frac{8}{63}$	$\frac{193}{441}$	$\Phi_{441}\ \Phi_{147}\ \Phi_{63}^{2}\ \Phi_{49}\ \Phi_{21}^{2}\ \Phi_{9}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
15412	496	55	$\frac{3}{55}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{24}{55}$	$\Phi_{55}^{9}\ \Phi_{11}^{9}\ \Phi_{5}^{9}\ \Phi_{1}^{10}$
15413	496	672	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{96}^{2}\ \Phi_{84}\ \Phi_{48}^{2}\ \Phi_{42}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
15414	496	315	$\frac{1}{9}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{315}^{2}\ \Phi_{105}^{2}\ \Phi_{63}\ \Phi_{45}^{2}\ \Phi_{21}\ \Phi_{15}^{2}$
15415	496	54	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{54}^{16}\ \Phi_{18}^{16}\ \Phi_{9}^{7}\ \Phi_{6}^{16}\ \Phi_{3}^{7}\ \Phi_{2}^{16}\ \Phi_{1}^{8}$
15416	496	544	$\frac{1}{32}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
15417	496	65	$\frac{3}{65}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{65}^{8}\ \Phi_{13}^{8}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
15418	496	35	$\frac{3}{35}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{35}^{14}\ \Phi_{7}^{14}\ \Phi_{5}^{15}\ \Phi_{1}^{16}$
15419	496	33	$\frac{2}{33}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{33}^{15}\ \Phi_{11}^{15}\ \Phi_{3}^{15}\ \Phi_{1}^{16}$
15420	496	405	$\frac{1}{45}$	$\frac{91}{405}$	$\frac{44}{135}$	$\frac{157}{405}$	$\Phi_{405}\ \Phi_{135}^{2}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}^{2}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
15421	496	50	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{6}{25}$	$\frac{19}{50}$	$\Phi_{50}^{16}\ \Phi_{25}^{4}\ \Phi_{10}^{16}\ \Phi_{5}^{3}\ \Phi_{2}^{16}\ \Phi_{1}^{4}$
15422	496	45	$\frac{1}{45}$	$\frac{11}{45}$	$\frac{14}{45}$	$\frac{17}{45}$	$\Phi_{45}^{11}\ \Phi_{15}^{11}\ \Phi_{9}^{11}\ \Phi_{5}^{11}\ \Phi_{3}^{11}\ \Phi_{1}^{12}$
15423	496	249	$\frac{5}{249}$	$\frac{61}{249}$	$\frac{1}{3}$	$\frac{94}{249}$	$\Phi_{249}^{2}\ \Phi_{83}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
15424	496	99	$\frac{1}{33}$	$\frac{8}{33}$	$\frac{25}{99}$	$\frac{37}{99}$	$\Phi_{99}^{4}\ \Phi_{33}^{7}\ \Phi_{11}^{7}\ \Phi_{9}^{4}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
15425	496	816	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{816}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
15426	496	189	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{59}{189}$	$\frac{65}{189}$	$\Phi_{189}^{2}\ \Phi_{63}^{4}\ \Phi_{27}^{2}\ \Phi_{21}^{4}\ \Phi_{9}^{3}\ \Phi_{7}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
15427	496	375	$\frac{4}{125}$	$\frac{1}{5}$	$\frac{121}{375}$	$\frac{127}{375}$	$\Phi_{375}\ \Phi_{125}^{2}\ \Phi_{75}\ \Phi_{25}^{2}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
15428	496	63	$\frac{1}{63}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{63}^{8}\ \Phi_{21}^{8}\ \Phi_{9}^{8}\ \Phi_{7}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
15429	496	369	$\frac{2}{123}$	$\frac{121}{369}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{369}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
15430	496	123	$\frac{1}{41}$	$\frac{10}{41}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{123}^{3}\ \Phi_{41}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
15431	496	480	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}^{2}\ \Phi_{120}\ \Phi_{80}^{2}\ \Phi_{60}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
15432	496	99	$\frac{2}{33}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{99}^{6}\ \Phi_{33}^{4}\ \Phi_{11}^{4}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
15433	496	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{45}^{10}\ \Phi_{15}^{12}\ \Phi_{9}^{12}\ \Phi_{5}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
15434	496	360	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{120}\ \Phi_{72}^{2}\ \Phi_{60}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
15435	496	165	$\frac{2}{33}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{165}^{3}\ \Phi_{55}^{3}\ \Phi_{33}^{4}\ \Phi_{11}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
15436	496	315	$\frac{1}{9}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{315}^{2}\ \Phi_{105}\ \Phi_{63}^{2}\ \Phi_{35}^{2}\ \Phi_{21}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
15437	496	225	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{225}^{3}\ \Phi_{75}^{2}\ \Phi_{25}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
15438	496	36	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{36}^{16}\ \Phi_{18}^{10}\ \Phi_{12}^{16}\ \Phi_{9}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{16}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
15439	496	45	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{14}{45}$	$\Phi_{45}^{9}\ \Phi_{15}^{15}\ \Phi_{9}^{9}\ \Phi_{5}^{15}\ \Phi_{3}^{15}\ \Phi_{1}^{16}$
15440	496	45	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{14}{45}$	$\Phi_{45}^{16}\ \Phi_{9}^{16}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
15441	496	75	$\frac{2}{25}$	$\frac{13}{75}$	$\frac{1}{5}$	$\frac{23}{75}$	$\Phi_{75}^{6}\ \Phi_{25}^{8}\ \Phi_{15}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
15442	496	81	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{81}^{8}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
15443	496	121	$\frac{9}{121}$	$\frac{2}{11}$	$\frac{28}{121}$	$\frac{3}{11}$	$\Phi_{121}^4\ \Phi_{11}^5\ \Phi_1^6$
15444	496	135	$\frac{11}{135}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{135}^4\ \Phi_{45}^4\ \Phi_{27}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_1^4$
15445	496	126	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{126}^4\ \Phi_{63}^5\ \Phi_{42}^2\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
15446	496	165	$\frac{3}{55}$	$\frac{13}{55}$	$\frac{41}{165}$	$\frac{14}{55}$	$\Phi_{165}^4\ \Phi_{55}\ \Phi_{33}^4\ \Phi_{15}^4\ \Phi_{11}\ \Phi_5\ \Phi_3^4\ \Phi_1^2$
15447	496	40	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{9}{40}$	$\Phi_{40}^{16}\ \Phi_{20}^{16}\ \Phi_8^{16}\ \Phi_5^3\ \Phi_4^{16}\ \Phi_1^4$
15448	496	35	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{35}^{16}\ \Phi_7^{16}\ \Phi_5^3\ \Phi_1^4$
15449	496	75	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{75}^8\ \Phi_{25}^8\ \Phi_5^3\ \Phi_1^4$
15450	496	180	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}^4\ \Phi_{20}^3\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
15451	497	420	$\frac{1}{70}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{69}{140}$	$\Phi_{210}^2\ \Phi_{140}\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
15452	497	1260	$\frac{1}{70}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{69}{140}$	$\Phi_{1260}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_9\ \Phi_4\ \Phi_1$
15453	497	552	$\frac{2}{69}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{92}\ \Phi_{69}\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
15454	497	600	$\frac{3}{100}$	$\frac{103}{600}$	$\frac{1}{4}$	$\frac{97}{200}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
15455	497	960	$\frac{17}{480}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{463}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
15456	497	960	$\frac{17}{480}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{463}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
15457	497	960	$\frac{17}{480}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{463}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
15458	497	96	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{96}^7\ \Phi_{32}^7\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
15459	497	136	$\frac{3}{68}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{136}^3\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
15460	497	640	$\frac{1}{16}$	$\frac{17}{160}$	$\frac{143}{640}$	$\frac{15}{32}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
15461	497	576	$\frac{1}{16}$	$\frac{79}{576}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
15462	497	264	$\frac{5}{66}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{264}^2\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{24}^4\ \Phi_{22}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
15463	497	576	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{79}{576}$	$\frac{65}{144}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
15464	497	128	$\frac{1}{16}$	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{57}{128}$	$\Phi_{128}^7\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
15465	497	128	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{128}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
15466	497	80	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{80}^7\ \Phi_{40}^7\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_8^6\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
15467	497	504	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
15468	497	520	$\frac{23}{520}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_1$
15469	497	864	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{432}$	$\frac{367}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
15470	497	420	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{34}{105}$	$\frac{5}{12}$	$\Phi_{420}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
15471	497	300	$\frac{4}{75}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{300}^3\ \Phi_{100}^3\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
15472	497	84	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{84}^5\ \Phi_{42}^7\ \Phi_{28}^5\ \Phi_{21}^7\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_7^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
15473	497	924	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{132}\ \Phi_{77}\ \Phi_{44}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
15474	497	240	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^3\ \Phi_{48}^2\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
15475	497	120	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{120}^3\ \Phi_{60}^4\ \Phi_{40}^3\ \Phi_{30}^4\ \Phi_{24}^7\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^7\ \Phi_{10}^4\ \Phi_8^6\ \Phi_6^7\ \Phi_5^4\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
15476	497	800	$\frac{3}{100}$	$\frac{97}{400}$	$\frac{1}{4}$	$\frac{303}{800}$	$\Phi_{800}\ \Phi_{160}\ \Phi_{100}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
15477	497	528	$\frac{31}{528}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
15478	497	768	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{113}{384}$	$\frac{271}{768}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
15479	497	216	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{216}^2\ \Phi_{108}\ \Phi_{72}^4\ \Phi_{54}^2\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{24}^4\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
15480	497	744	$\frac{1}{62}$	$\frac{61}{186}$	$\frac{247}{744}$	$\frac{125}{372}$	$\Phi_{744}\ \Phi_{248}\ \Phi_{186}\ \Phi_{93}\ \Phi_{24}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
15481	497	315	$\frac{1}{35}$	$\frac{2}{9}$	$\frac{34}{105}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_9^3\ \Phi_3\ \Phi_1$
15482	497	225	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{225}^3\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{25}\ \Phi_{15}\ \Phi_9^3\ \Phi_3\ \Phi_1$
15483	497	252	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{252}^3\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
15484	497	693	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{693}\ \Phi_{99}\ \Phi_{77}\ \Phi_{11}\ \Phi_9\ \Phi_1$
15485	497	720	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{80}\ \Phi_{72}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
15486	497	720	$\frac{17}{240}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{223}{720}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
15487	497	720	$\frac{17}{240}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{223}{720}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
15488	497	648	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{151}{648}$	$\frac{65}{216}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
15489	497	80	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{80}^7\ \Phi_{40}^7\ \Phi_{20}^3\ \Phi_{16}^7\ \Phi_{10}^5\ \Phi_8^7\ \Phi_5^5\ \Phi_4^2\ \Phi_2^4\ \Phi_1^5$
15490	497	576	$\frac{1}{8}$	$\frac{79}{576}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
15491	497	600	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{103}{600}$	$\frac{7}{24}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
15492	497	540	$\frac{43}{540}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
15493	497	96	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{96}^7\ \Phi_{48}^7\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
15494	497	640	$\frac{17}{160}$	$\frac{3}{20}$	$\frac{143}{640}$	$\frac{1}{4}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{128}\ \Phi_{64}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
15495	497	80	$\frac{9}{80}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{80}^6\ \Phi_{40}^6\ \Phi_{20}^7\ \Phi_{16}^6\ \Phi_{10}^7\ \Phi_8^6\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
15496	497	600	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{103}{600}$	$\frac{1}{4}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
15497	498	820	$\frac{1}{82}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{81}{164}$	$\Phi_{820}\ \Phi_{164}^2\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
15498	498	492	$\frac{1}{82}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{81}{164}$	$\Phi_{492}\ \Phi_{246}^2\ \Phi_{123}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
15499	498	142	$\frac{1}{71}$	$\frac{12}{71}$	$\frac{59}{142}$	$\frac{35}{71}$	$\Phi_{142}^6\ \Phi_{71}\ \Phi_2^6\ \Phi_1^2$
15500	498	490	$\frac{4}{245}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{241}{490}$	$\Phi_{490}^2\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
15501	498	1470	$\frac{4}{245}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{241}{490}$	$\Phi_{1470}\ \Phi_{294}\ \Phi_{210}\ \Phi_{42}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
15502	498	300	$\frac{1}{50}$	$\frac{17}{100}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{300}^2\ \Phi_{150}^3\ \Phi_{75}^3\ \Phi_{60}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
15503	498	1134	$\frac{2}{81}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{1134}\ \Phi_{378}\ \Phi_{126}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
15504	498	161	$\frac{5}{161}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{78}{161}$	$\Phi_{161}^3\ \Phi_{23}^3\ \Phi_7^5\ \Phi_1^6$
15505	498	112	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{112}^6\ \Phi_{28}^6\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
15506	498	480	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{77}{160}$	$\Phi_{480}^3\ \Phi_{96}^3\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
15507	498	1120	$\frac{3}{80}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{28}\ \Phi_{14}$
15508	498	476	$\frac{11}{238}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{227}{476}$	$\Phi_{476}^2\ \Phi_{68}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
15509	498	1092	$\frac{5}{78}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{73}{156}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
15510	498	154	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{71}{154}$	$\Phi_{154}^6\ \Phi_{22}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
15511	498	672	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{112}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
15512	498	780	$\frac{11}{260}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
15513	498	150	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{1}{3}$	$\frac{67}{150}$	$\Phi_{150}^6\ \Phi_{75}\ \Phi_{50}^6\ \Phi_{30}^6\ \Phi_{15}\ \Phi_{10}^6\ \Phi_6^6\ \Phi_2^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
15514	498	280	$\frac{3}{28}$	$\frac{31}{280}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{280}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
15515	498	448	$\frac{3}{28}$	$\frac{25}{224}$	$\frac{1}{7}$	$\frac{199}{448}$	$\Phi_{448}^2\ \Phi_{64}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
15516	498	147	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{1}{7}$	$\frac{64}{147}$	$\Phi_{147}^3\ \Phi_{49}^3\ \Phi_{21}^6\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
15517	498	98	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{15}{98}$	$\frac{3}{7}$	$\Phi_{98}^6\ \Phi_{49}^4\ \Phi_{14}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
15518	498	280	$\frac{31}{280}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{280}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
15519	498	1008	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{72}$	$\frac{61}{144}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{112}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
15520	498	142	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{12}{71}$	$\frac{59}{142}$	$\Phi_{142}^6\ \Phi_{71}\ \Phi_2^6\ \Phi_1^2$
15521	498	140	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{70}$	$\frac{57}{140}$	$\Phi_{140}^6\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
15522	498	615	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{40}{123}$	$\frac{2}{5}$	$\Phi_{615}\ \Phi_{123}^2\ \Phi_{15}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
15523	498	1200	$\frac{1}{50}$	$\frac{49}{200}$	$\frac{1}{3}$	$\frac{151}{400}$	$\Phi_{1200}\ \Phi_{240}\ \Phi_{150}\ \Phi_{75}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
15524	498	616	$\frac{5}{88}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{77}\ \Phi_{28}\ \Phi_{14}$
15525	498	126	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{126}^6\ \Phi_{42}^6\ \Phi_{21}^6\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
15526	498	492	$\frac{1}{41}$	$\frac{1}{4}$	$\frac{40}{123}$	$\frac{1}{3}$	$\Phi_{492}\ \Phi_{246}\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
15527	498	300	$\frac{1}{25}$	$\frac{17}{100}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{75}\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{15}\ \Phi_{12}^3\ \Phi_6^3$
15528	498	120	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{37}{120}$	$\frac{1}{3}$	$\Phi_{120}^3\ \Phi_{60}^3\ \Phi_{40}^6\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^6\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^6\ \Phi_8^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
15529	498	90	$\frac{7}{90}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{90}^6\ \Phi_{45}^6\ \Phi_{30}^4\ \Phi_{18}^6\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_9^6\ \Phi_6^4\ \Phi_5^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
15530	498	756	$\frac{2}{27}$	$\frac{1}{7}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
15531	498	840	$\frac{1}{10}$	$\frac{31}{280}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{84}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
15532	498	630	$\frac{7}{90}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
15533	498	960	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{320}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{192}\ \Phi_{96}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
15534	498	840	$\frac{31}{280}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
15535	498	300	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{3}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{75}^3\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
15536	498	840	$\frac{3}{40}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
15537	498	756	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
15538	498	112	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{112}$	$\frac{29}{112}$	$\Phi_{112}^4\ \Phi_{56}^4\ \Phi_{28}^6\ \Phi_{16}^4\ \Phi_{14}^6\ \Phi_8^4\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
15539	498	672	$\frac{13}{96}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
15540	498	700	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{28}\ \Phi_{14}$
15541	499	984	$\frac{7}{492}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{485}{984}$	$\Phi_{984}\ \Phi_{328}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
15542	499	972	$\frac{13}{486}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{473}{972}$	$\Phi_{972}\ \Phi_{324}\ \Phi_{108}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
15543	499	672	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{173}{672}$	$\frac{163}{336}$	$\Phi_{672}\ \Phi_{224}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
15544	499	960	$\frac{19}{480}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{461}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
15545	499	936	$\frac{31}{468}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{437}{936}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{104}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
15546	499	576	$\frac{5}{72}$	$\frac{77}{576}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
15547	499	924	$\frac{37}{462}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{425}{924}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{132}\ \Phi_{84}\ \Phi_{44}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
15548	499	864	$\frac{5}{72}$	$\frac{67}{432}$	$\frac{1}{6}$	$\frac{365}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
15549	499	840	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{79}{420}$	$\frac{341}{840}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
15550	499	528	$\frac{29}{528}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
15551	499	756	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{121}{378}$	$\frac{257}{756}$	$\Phi_{756}\ \Phi_{252}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
15552	499	648	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{149}{648}$	$\frac{67}{216}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
15553	499	720	$\frac{19}{240}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{221}{720}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
15554	499	540	$\frac{41}{540}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
15555	499	648	$\frac{13}{162}$	$\frac{1}{6}$	$\frac{149}{648}$	$\frac{5}{18}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
15556	499	576	$\frac{77}{576}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
15557	499	600	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{101}{600}$	$\frac{5}{24}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
15558	500	744	$\frac{1}{124}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{123}{248}$	$\Phi_{744}\ \Phi_{248}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
15559	500	792	$\frac{1}{99}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{49}{99}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{33}\ \Phi_{24}\ \Phi_{11}\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
15560	500	1230	$\frac{2}{123}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{121}{246}$	$\Phi_{1230}\ \Phi_{410}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
15561	500	441	$\frac{1}{49}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{24}{49}$	$\Phi_{441}\ \Phi_{147}\ \Phi_{63}\ \Phi_{49}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
15562	500	294	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{294}^2\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
15563	500	499	$\frac{11}{499}$	$\frac{51}{499}$	$\frac{224}{499}$	$\frac{244}{499}$	$\Phi_{499}\ \Phi_1^2$
15564	500	840	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{43}{168}$	$\frac{41}{84}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
15565	500	606	$\frac{3}{101}$	$\frac{1}{6}$	$\frac{26}{101}$	$\frac{49}{101}$	$\Phi_{606}\ \Phi_{303}\ \Phi_{202}$
15566	500	499	$\frac{17}{499}$	$\frac{74}{499}$	$\frac{129}{499}$	$\frac{241}{499}$	$\Phi_{499}\ \Phi_1^2$
15567	500	753	$\frac{9}{251}$	$\frac{26}{251}$	$\frac{1}{3}$	$\frac{121}{251}$	Φ_{753}
15568	500	912	$\frac{1}{24}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{23}{48}$	$\Phi_{912}\ \Phi_{304}\ \Phi_{48}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_1^2$
15569	500	528	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{528}^2\ \Phi_{176}^2\ \Phi_{33}$
15570	500	912	$\frac{1}{24}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{23}{48}$	$\Phi_{912}\ \Phi_{304}\ \Phi_{48}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_1^2$
15571	500	240	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{240}^5\ \Phi_{80}^5\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
15572	500	1190	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{113}{238}$	$\Phi_{1190}\ \Phi_{170}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
15573	500	513	$\frac{1}{19}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{513}\ \Phi_{171}\ \Phi_{27}^2\ \Phi_{19}\ \Phi_9^2\ \Phi_1^2$
15574	500	684	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{9}{19}$	$\Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{36}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
15575	500	532	$\frac{1}{19}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{532}\ \Phi_{266}\ \Phi_{133}\ \Phi_{28}^2\ \Phi_{19}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
15576	500	608	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{9}{19}$	$\Phi_{608}\ \Phi_{304}\ \Phi_{32}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_1^2$
15577	500	114	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{114}^4\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{19}^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
15578	500	720	$\frac{1}{18}$	$\frac{19}{144}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
15579	500	374	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{374}^2\ \Phi_{187}\ \Phi_{22}^2$
15580	500	1170	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{109}{234}$	$\Phi_{1170}\ \Phi_{390}\ \Phi_{130}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
15581	500	140	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{140}^4\ \Phi_{70}^5\ \Phi_{35}^5\ \Phi_{20}^4\ \Phi_{10}^5\ \Phi_5^4$
15582	500	499	$\frac{41}{499}$	$\frac{54}{499}$	$\frac{89}{499}$	$\frac{229}{499}$	$\Phi_{499}\ \Phi_1^2$
15583	500	606	$\frac{9}{101}$	$\frac{11}{101}$	$\frac{1}{6}$	$\frac{46}{101}$	$\Phi_{606}\ \Phi_{303}\ \Phi_{202}$
15584	500	234	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_6^3\ \Phi_2^2$
15585	500	441	$\frac{4}{49}$	$\frac{1}{9}$	$\frac{9}{49}$	$\frac{4}{9}$	$\Phi_{441}\ \Phi_{147}\ \Phi_{63}\ \Phi_{49}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
15586	500	198	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{198}^3\ \Phi_{99}^2\ \Phi_{66}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{11}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
15587	500	252	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
15588	500	1120	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{5}$	$\frac{99}{224}$	$\Phi_{1120}\ \Phi_{160}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
15589	500	182	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{182}^3\ \Phi_{91}^3\ \Phi_{26}^2\ \Phi_{14}^3\ \Phi_{13}^2\ \Phi_2^2$
15590	500	1080	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{1}{5}$	$\frac{91}{216}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{120}\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
15591	500	499	$\frac{29}{499}$	$\frac{81}{499}$	$\frac{94}{499}$	$\frac{209}{499}$	$\Phi_{499}\ \Phi_1^2$
15592	500	660	$\frac{7}{132}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{55}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
15593	500	187	$\frac{1}{11}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{187}^3\ \Phi_{11}^2$
15594	500	499	$\frac{44}{499}$	$\frac{59}{499}$	$\frac{91}{499}$	$\frac{204}{499}$	$\Phi_{499}\ \Phi_1^2$
15595	500	606	$\frac{6}{101}$	$\frac{1}{6}$	$\frac{19}{101}$	$\frac{41}{101}$	$\Phi_{606}\ \Phi_{303}\ \Phi_{202}$
15596	500	210	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{1}{5}$	$\frac{17}{42}$	$\Phi_{210}^5\ \Phi_{105}\ \Phi_{70}^5\ \Phi_{35}\ \Phi_{30}^5\ \Phi_{15}\ \Phi_{10}^5$
15597	500	499	$\frac{14}{499}$	$\frac{97}{499}$	$\frac{149}{499}$	$\frac{201}{499}$	$\Phi_{499}\ \Phi_1^2$
15598	500	753	$\frac{6}{251}$	$\frac{49}{251}$	$\frac{1}{3}$	$\frac{101}{251}$	Φ_{753}
15599	500	408	$\frac{1}{51}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{408}^2\ \Phi_{136}^2\ \Phi_{51}^2\ \Phi_{24}\ \Phi_{17}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
15600	500	264	$\frac{1}{33}$	$\frac{8}{33}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^3\ \Phi_{88}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{11}^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
15601	500	520	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}^2\ \Phi_{130}\ \Phi_{65}\ \Phi_{40}\ \Phi_{10}$
15602	500	792	$\frac{4}{99}$	$\frac{19}{99}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{33}\ \Phi_{24}\ \Phi_{11}\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
15603	500	168	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^5\ \Phi_{56}^5\ \Phi_{42}^3\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_8^4\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15604	500	216	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^4\ \Phi_{72}^3\ \Phi_{27}^4\ \Phi_{24}^3\ \Phi_9^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
15605	500	88	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{88}^9\ \Phi_{11}^9\ \Phi_8^{10}\ \Phi_1^{10}$
15606	500	186	$\frac{1}{62}$	$\frac{61}{186}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{186}^3\ \Phi_{93}^3\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
15607	500	384	$\frac{3}{128}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
15608	500	93	$\frac{1}{31}$	$\frac{6}{31}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{93}^4\ \Phi_{31}^8\ \Phi_3^5\ \Phi_1^{10}$
15609	500	78	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{78}^7\ \Phi_{39}^7\ \Phi_{26}^6\ \Phi_{13}^6\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
15610	500	297	$\frac{2}{27}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{297}^2\ \Phi_{99}^2\ \Phi_{33}$
15611	500	396	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{33}$
15612	500	702	$\frac{1}{26}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{702}\ \Phi_{351}\ \Phi_{78}\ \Phi_{54}\ \Phi_{39}\ \Phi_6$
15613	500	924	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{231}\ \Phi_{33}$
15614	500	1056	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{33}$
15615	500	513	$\frac{2}{27}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{513}\ \Phi_{171}\ \Phi_{27}^2\ \Phi_{19}\ \Phi_9^2\ \Phi_1^2$
15616	500	270	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{270}^3\ \Phi_{135}^2\ \Phi_{90}^3\ \Phi_{45}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
15617	500	294	$\frac{4}{49}$	$\frac{1}{6}$	$\frac{9}{49}$	$\frac{1}{3}$	$\Phi_{294}^2\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
15618	500	753	$\frac{21}{251}$	$\frac{41}{251}$	$\frac{46}{251}$	$\frac{1}{3}$	Φ_{753}
15619	500	66	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{66}^8\ \Phi_{33}^9\ \Phi_{22}^8\ \Phi_{11}^8$
15620	500	84	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{84}^6\ \Phi_{42}^4\ \Phi_{28}^8\ \Phi_{21}^5\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_7^6\ \Phi_6^6\ \Phi_4^8\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
15621	500	810	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{37}{162}$	$\frac{17}{54}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
15622	500	684	$\frac{1}{12}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{11}{36}$	$\Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{36}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
15623	500	180	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{180}^5\ \Phi_{90}^5\ \Phi_{45}^5\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
15624	500	140	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{140}^5\ \Phi_{70}^5\ \Phi_{35}^3\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^2$
15625	500	840	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{56}$	$\frac{43}{168}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
15626	500	532	$\frac{3}{28}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{532}\ \Phi_{266}\ \Phi_{133}\ \Phi_{28}^2\ \Phi_{19}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
15627	500	420	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}\ \Phi_{105}^2\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
15628	500	608	$\frac{1}{8}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{7}{32}$	$\Phi_{608}\ \Phi_{304}\ \Phi_{32}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_1^2$
15629	500	480	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}\ \Phi_{80}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
15630	500	114	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{4}{19}$	$\Phi_{114}^4\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{19}^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
15631	500	499	$\frac{79}{499}$	$\frac{83}{499}$	$\frac{84}{499}$	$\frac{104}{499}$	$\Phi_{499}\ \Phi_1^2$
15632	500	720	$\frac{19}{144}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
15633	500	606	$\frac{16}{101}$	$\frac{1}{6}$	$\frac{17}{101}$	$\frac{21}{101}$	$\Phi_{606}\ \Phi_{303}\ \Phi_{202}$
15634	500	30	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{30}^{21}\ \Phi_{15}^{21}\ \Phi_{10}^{21}\ \Phi_5^{20}$
15635	501	800	$\frac{1}{100}$	$\frac{101}{400}$	$\frac{299}{800}$	$\frac{99}{200}$	$\Phi_{800}\ \Phi_{200}\ \Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_8\ \Phi_1$
15636	501	992	$\frac{5}{496}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{491}{992}$	$\Phi_{992}\ \Phi_{32}\ \Phi_8\ \Phi_1$
15637	501	660	$\frac{2}{165}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{163}{330}$	$\Phi_{660}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
15638	501	224	$\frac{1}{56}$	$\frac{1}{4}$	$\frac{57}{224}$	$\frac{55}{112}$	$\Phi_{224}^3\ \Phi_{56}^3\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
15639	501	328	$\frac{3}{164}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{161}{328}$	$\Phi_{328}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
15640	501	324	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{157}{324}$	$\Phi_{324}\ \Phi_{162}^2\ \Phi_{108}\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{36}\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
15641	501	644	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{155}{322}$	$\Phi_{644}\ \Phi_{161}\ \Phi_{92}\ \Phi_{28}^2\ \Phi_{23}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
15642	501	192	$\frac{1}{24}$	$\frac{25}{192}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
15643	501	320	$\frac{7}{160}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{153}{320}$	$\Phi_{320}^3\ \Phi_{64}^3\ \Phi_{40}\ \Phi_8\ \Phi_1$
15644	501	320	$\frac{7}{160}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{153}{320}$	$\Phi_{320}^3\ \Phi_{64}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
15645	501	320	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{153}{320}$	$\Phi_{320}^3\ \Phi_{64}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
15646	501	240	$\frac{1}{20}$	$\frac{7}{80}$	$\frac{73}{240}$	$\frac{19}{40}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_8\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
15647	501	560	$\frac{1}{20}$	$\frac{59}{560}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
15648	501	640	$\frac{1}{20}$	$\frac{21}{160}$	$\frac{139}{640}$	$\frac{19}{40}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{128}\ \Phi_{64}\ \Phi_{40}\ \Phi_8\ \Phi_1$
15649	501	200	$\frac{1}{20}$	$\frac{33}{200}$	$\frac{7}{40}$	$\frac{19}{40}$	$\Phi_{200}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{40}\ \Phi_{25}^3\ \Phi_8\ \Phi_1$
15650	501	952	$\frac{25}{476}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{451}{952}$	$\Phi_{952}\ \Phi_{136}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
15651	501	680	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{179}{680}$	$\frac{161}{340}$	$\Phi_{680}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{40}\ \Phi_{34}\ \Phi_{17}\ \Phi_8\ \Phi_1$
15652	501	560	$\frac{3}{56}$	$\frac{59}{560}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
15653	501	312	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{145}{312}$	$\Phi_{312}^3\ \Phi_{104}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
15654	501	308	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{4}$	$\frac{141}{308}$	$\Phi_{308}\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{44}\ \Phi_{28}^3\ \Phi_{22}^2\ \Phi_{14}^3\ \Phi_{11}^2\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
15655	501	300	$\frac{1}{25}$	$\frac{17}{150}$	$\frac{8}{25}$	$\frac{133}{300}$	$\Phi_{300}^3\ \Phi_{100}^3\ \Phi_{60}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_5^2\ \Phi_4^3\ \Phi_1^3$
15656	501	896	$\frac{3}{56}$	$\frac{53}{448}$	$\frac{1}{4}$	$\frac{395}{896}$	$\Phi_{896}\ \Phi_{128}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
15657	501	176	$\frac{9}{176}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{176}^3\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
15658	501	588	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{1}{4}$	$\frac{127}{294}$	$\Phi_{588}\ \Phi_{196}\ \Phi_{147}\ \Phi_{84}^2\ \Phi_{49}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
15659	501	700	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{199}{700}$	$\frac{151}{350}$	$\Phi_{700}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_4\ \Phi_1$
15660	501	288	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{1}{4}$	$\frac{121}{288}$	$\Phi_{288}^3\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
15661	501	280	$\frac{1}{28}$	$\frac{27}{140}$	$\frac{1}{4}$	$\frac{113}{280}$	$\Phi_{280}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
15662	501	248	$\frac{5}{248}$	$\frac{1}{4}$	$\frac{81}{248}$	$\frac{3}{8}$	$\Phi_{248}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
15663	501	512	$\frac{11}{512}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
15664	501	180	$\frac{13}{180}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_{9}^3\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
15665	501	200	$\frac{1}{25}$	$\frac{33}{200}$	$\frac{8}{25}$	$\frac{17}{50}$	$\Phi_{200}^3\ \Phi_{100}^3\ \Phi_{40}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{8}^3\ \Phi_{5}^2\ \Phi_{4}^3\ \Phi_{1}^3$
15666	501	252	$\frac{1}{42}$	$\frac{1}{4}$	$\frac{41}{126}$	$\frac{85}{252}$	$\Phi_{252}\ \Phi_{126}^2\ \Phi_{84}^3\ \Phi_{63}^2\ \Phi_{42}^3\ \Phi_{36}\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{9}^2\ \Phi_{7}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
15667	501	396	$\frac{2}{33}$	$\frac{31}{198}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^2\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
15668	501	180	$\frac{13}{180}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_{9}^3\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
15669	501	225	$\frac{1}{25}$	$\frac{17}{75}$	$\frac{58}{225}$	$\frac{8}{25}$	$\Phi_{225}^3\ \Phi_{45}^3\ \Phi_{25}^2\ \Phi_{9}^3\ \Phi_{5}^2\ \Phi_{1}^3$
15670	501	216	$\frac{1}{24}$	$\frac{49}{216}$	$\frac{1}{4}$	$\frac{23}{72}$	$\Phi_{216}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
15671	501	240	$\frac{7}{80}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{73}{240}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
15672	501	240	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{73}{240}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
15673	501	200	$\frac{1}{10}$	$\frac{33}{200}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{200}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{2}^2\ \Phi_{1}^3$
15674	501	180	$\frac{13}{180}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_{9}^2\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
15675	501	224	$\frac{3}{56}$	$\frac{53}{224}$	$\frac{1}{4}$	$\frac{57}{224}$	$\Phi_{224}^2\ \Phi_{112}^2\ \Phi_{56}^3\ \Phi_{32}^2\ \Phi_{28}^3\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_{8}^3\ \Phi_{7}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
15676	501	216	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{216}$	$\frac{1}{4}$	$\Phi_{216}^3\ \Phi_{108}\ \Phi_{72}^3\ \Phi_{54}^2\ \Phi_{36}\ \Phi_{27}^2\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{9}^2\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
15677	501	192	$\frac{1}{8}$	$\frac{25}{192}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
15678	501	200	$\frac{1}{8}$	$\frac{33}{200}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{200}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
15679	502	498	$\frac{2}{249}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{247}{498}$	$\Phi_{498}^2\ \Phi_{166}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
15680	502	336	$\frac{1}{84}$	$\frac{85}{336}$	$\frac{1}{3}$	$\frac{83}{168}$	$\Phi_{336}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
15681	502	1488	$\frac{3}{248}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{245}{496}$	$\Phi_{1488}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
15682	502	495	$\frac{7}{495}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{244}{495}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
15683	502	492	$\frac{5}{246}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{241}{492}$	$\Phi_{492}^2\ \Phi_{164}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
15684	502	1470	$\frac{6}{245}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{239}{490}$	$\Phi_{1470}\ \Phi_{294}\ \Phi_{210}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{6}$
15685	502	288	$\frac{1}{36}$	$\frac{37}{288}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
15686	502	486	$\frac{8}{243}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{235}{486}$	$\Phi_{486}^2\ \Phi_{162}^2\ \Phi_{54}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
15687	502	840	$\frac{1}{28}$	$\frac{29}{280}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
15688	502	483	$\frac{19}{483}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{232}{483}$	$\Phi_{483}\ \Phi_{161}\ \Phi_{69}\ \Phi_{23}\ \Phi_{21}^2\ \Phi_{7}^2\ \Phi_{3}\ \Phi_{1}^2$
15689	502	480	$\frac{11}{240}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{229}{480}$	$\Phi_{480}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
15690	502	1428	$\frac{13}{238}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{225}{476}$	$\Phi_{1428}\ \Phi_{204}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
15691	502	468	$\frac{1}{18}$	$\frac{17}{234}$	$\frac{1}{3}$	$\frac{217}{468}$	$\Phi_{468}^2\ \Phi_{156}^2\ \Phi_{52}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
15692	502	264	$\frac{13}{264}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
15693	502	462	$\frac{1}{21}$	$\frac{20}{231}$	$\frac{1}{3}$	$\frac{211}{462}$	$\Phi_{462}^2\ \Phi_{154}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
15694	502	1344	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{1}{3}$	$\frac{197}{448}$	$\Phi_{1344}\ \Phi_{192}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
15695	502	441	$\frac{2}{63}$	$\frac{61}{441}$	$\frac{1}{3}$	$\frac{190}{441}$	$\Phi_{441}\ \Phi_{147}\ \Phi_{63}^2\ \Phi_{49}\ \Phi_{21}^2\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{3}\ \Phi_{1}^2$
15696	502	432	$\frac{1}{36}$	$\frac{35}{216}$	$\frac{1}{3}$	$\frac{181}{432}$	$\Phi_{432}^2\ \Phi_{144}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
15697	502	420	$\frac{1}{42}$	$\frac{41}{210}$	$\frac{1}{3}$	$\frac{169}{420}$	$\Phi_{420}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15698	502	768	$\frac{5}{256}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
15699	502	378	$\frac{1}{63}$	$\frac{62}{189}$	$\frac{1}{3}$	$\frac{127}{378}$	$\Phi_{378}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15700	502	372	$\frac{3}{124}$	$\frac{1}{4}$	$\frac{121}{372}$	$\frac{1}{3}$	$\Phi_{372}\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15701	502	324	$\frac{1}{36}$	$\frac{73}{324}$	$\frac{35}{108}$	$\frac{1}{3}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15702	502	360	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{109}{360}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15703	502	270	$\frac{19}{270}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15704	502	336	$\frac{1}{28}$	$\frac{27}{112}$	$\frac{85}{336}$	$\frac{1}{3}$	$\Phi_{336}\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15705	502	288	$\frac{1}{12}$	$\frac{37}{288}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15706	502	324	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{324}$	$\frac{1}{3}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15707	502	270	$\frac{19}{270}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15708	502	297	$\frac{7}{99}$	$\frac{46}{297}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{297}^2\ \Phi_{99}\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
15709	502	300	$\frac{1}{12}$	$\frac{49}{300}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15710	502	840	$\frac{29}{280}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
15711	502	294	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{294}$	$\frac{1}{3}$	$\Phi_{294}^2\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
15712	504	375	$\frac{1}{125}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{62}{125}$	$\Phi_{375}\ \Phi_{125}^2\ \Phi_{75}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
15713	504	503	$\frac{5}{503}$	$\frac{127}{503}$	$\frac{188}{503}$	$\frac{249}{503}$	$\Phi_{503}\ \Phi_1^2$
15714	504	759	$\frac{3}{253}$	$\frac{64}{253}$	$\frac{1}{3}$	$\frac{125}{253}$	$\Phi_{759}\ \Phi_{69}\ \Phi_{33}$
15715	504	415	$\frac{1}{83}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{41}{83}$	$\Phi_{415}\ \Phi_{83}^2\ \Phi_5^2\ \Phi_1^4$
15716	504	996	$\frac{1}{83}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{41}{83}$	$\Phi_{996}\ \Phi_{498}\ \Phi_{12}^2\ \Phi_6^2$
15717	504	503	$\frac{7}{503}$	$\frac{85}{503}$	$\frac{209}{503}$	$\frac{248}{503}$	$\Phi_{503}\ \Phi_1^2$
15718	504	852	$\frac{1}{71}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{35}{71}$	$\Phi_{852}\ \Phi_{284}\ \Phi_{71}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
15719	504	639	$\frac{1}{71}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{35}{71}$	$\Phi_{639}\ \Phi_{71}\ \Phi_9^2\ \Phi_1^2$
15720	504	868	$\frac{1}{62}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{61}{124}$	$\Phi_{868}\ \Phi_{124}^2\ \Phi_{28}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
15721	504	1860	$\frac{1}{62}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{61}{124}$	$\Phi_{1860}\ \Phi_{60}\ \Phi_{15}$
15722	504	676	$\frac{3}{169}$	$\frac{1}{4}$	$\frac{43}{169}$	$\frac{83}{169}$	$\Phi_{676}\ \Phi_{338}\ \Phi_{52}\ \Phi_{26}$
15723	504	503	$\frac{9}{503}$	$\frac{125}{503}$	$\frac{128}{503}$	$\frac{247}{503}$	$\Phi_{503}\ \Phi_1^2$
15724	504	880	$\frac{1}{55}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{27}{55}$	$\Phi_{880}\ \Phi_{176}\ \Phi_{80}\ \Phi_{55}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
15725	504	220	$\frac{1}{55}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{27}{55}$	$\Phi_{220}^2\ \Phi_{110}^2\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
15726	504	759	$\frac{5}{253}$	$\frac{43}{253}$	$\frac{1}{3}$	$\frac{124}{253}$	$\Phi_{759}\ \Phi_{69}\ \Phi_{33}$
15727	504	451	$\frac{1}{41}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{20}{41}$	$\Phi_{451}\ \Phi_{41}^2\ \Phi_{11}^2\ \Phi_1^4$
15728	504	861	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{861}\ \Phi_{21}^2$
15729	504	451	$\frac{1}{41}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{20}{41}$	$\Phi_{451}\ \Phi_{41}^2\ \Phi_{11}^2\ \Phi_1^4$
15730	504	820	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{20}{41}$	$\Phi_{820}\ \Phi_{410}\ \Phi_{20}^2\ \Phi_{10}^2$
15731	504	503	$\frac{13}{503}$	$\frac{43}{503}$	$\frac{230}{503}$	$\frac{245}{503}$	$\Phi_{503}\ \Phi_1^2$
15732	504	503	$\frac{13}{503}$	$\frac{86}{503}$	$\frac{139}{503}$	$\frac{245}{503}$	$\Phi_{503}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
15733	504	455	$\frac{1}{35}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{17}{35}$	$\Phi_{455}\ \Phi_{91}\ \Phi_{65}\ \Phi_{35}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
15734	504	840	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
15735	504	676	$\frac{5}{169}$	$\frac{29}{169}$	$\frac{1}{4}$	$\frac{82}{169}$	$\Phi_{676}\ \Phi_{338}\ \Phi_{52}\ \Phi_{26}$
15736	504	503	$\frac{15}{503}$	$\frac{37}{503}$	$\frac{233}{503}$	$\frac{244}{503}$	$\Phi_{503}\ \Phi_1^2$
15737	504	503	$\frac{17}{503}$	$\frac{65}{503}$	$\frac{146}{503}$	$\frac{243}{503}$	$\Phi_{503}\ \Phi_1^2$
15738	504	595	$\frac{3}{85}$	$\frac{1}{7}$	$\frac{22}{85}$	$\frac{41}{85}$	$\Phi_{595}\ \Phi_{119}\ \Phi_{35}$
15739	504	459	$\frac{1}{27}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{13}{27}$	$\Phi_{459}\ \Phi_{153}\ \Phi_{51}\ \Phi_{27}^2\ \Phi_{17}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
15740	504	270	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_2^2$
15741	504	459	$\frac{1}{27}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{13}{27}$	$\Phi_{459}\ \Phi_{153}\ \Phi_{51}\ \Phi_{27}^2\ \Phi_{17}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
15742	504	756	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
15743	504	503	$\frac{19}{503}$	$\frac{29}{503}$	$\frac{237}{503}$	$\frac{242}{503}$	$\Phi_{503}\ \Phi_1^2$
15744	504	503	$\frac{19}{503}$	$\frac{87}{503}$	$\frac{104}{503}$	$\frac{242}{503}$	$\Phi_{503}\ \Phi_1^2$
15745	504	635	$\frac{5}{127}$	$\frac{22}{127}$	$\frac{1}{5}$	$\frac{61}{127}$	Φ_{635}
15746	504	584	$\frac{3}{73}$	$\frac{1}{8}$	$\frac{19}{73}$	$\frac{35}{73}$	$\Phi_{584}\ \Phi_{292}\ \Phi_{146}$
15747	504	363	$\frac{5}{121}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{58}{121}$	$\Phi_{363}^2\ \Phi_{33}^3\ \Phi_3^2$
15748	504	676	$\frac{7}{169}$	$\frac{22}{169}$	$\frac{1}{4}$	$\frac{81}{169}$	$\Phi_{676}\ \Phi_{338}\ \Phi_{52}\ \Phi_{26}$
15749	504	503	$\frac{21}{503}$	$\frac{62}{503}$	$\frac{131}{503}$	$\frac{241}{503}$	$\Phi_{503}\ \Phi_1^2$
15750	504	920	$\frac{1}{23}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{11}{23}$	$\Phi_{920}\ \Phi_{184}\ \Phi_{40}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_1^2$
15751	504	69	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{69}^{11}\ \Phi_3^{10}$
15752	504	230	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{11}{23}$	$\Phi_{230}^2\ \Phi_{115}^2\ \Phi_{46}^2\ \Phi_{23}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
15753	504	184	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{184}^3\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
15754	504	575	$\frac{1}{23}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{575}\ \Phi_{25}^2\ \Phi_{23}\ \Phi_1^2$
15755	504	503	$\frac{25}{503}$	$\frac{44}{503}$	$\frac{153}{503}$	$\frac{239}{503}$	$\Phi_{503}\ \Phi_1^2$
15756	504	503	$\frac{25}{503}$	$\frac{53}{503}$	$\frac{132}{503}$	$\frac{239}{503}$	$\Phi_{503}\ \Phi_1^2$
15757	504	1560	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{1560}\ \Phi_{312}\ \Phi_{39}$
15758	504	920	$\frac{1}{20}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{19}{40}$	$\Phi_{920}\ \Phi_{184}\ \Phi_{40}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_1^2$
15759	504	360	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{360}^3\ \Phi_{120}^3\ \Phi_{72}^3\ \Phi_{36}\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
15760	504	920	$\frac{1}{20}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{19}{40}$	$\Phi_{920}\ \Phi_{184}\ \Phi_{40}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_1^2$
15761	504	280	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{280}^4\ \Phi_{56}^4\ \Phi_{35}$
15762	504	759	$\frac{13}{253}$	$\frac{19}{253}$	$\frac{1}{3}$	$\frac{120}{253}$	$\Phi_{759}\ \Phi_{69}\ \Phi_{33}$
15763	504	190	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{190}^3\ \Phi_{95}^3\ \Phi_{38}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2$
15764	504	503	$\frac{29}{503}$	$\frac{38}{503}$	$\frac{155}{503}$	$\frac{237}{503}$	$\Phi_{503}\ \Phi_1^2$
15765	504	255	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{255}^2\ \Phi_{85}^2\ \Phi_{51}\ \Phi_{17}^2\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
15766	504	153	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{8}{17}$	$\Phi_{153}^3\ \Phi_{51}^3\ \Phi_{17}^4\ \Phi_9^6\ \Phi_3^6\ \Phi_1^8$
15767	504	680	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
15768	504	119	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{119}^5\ \Phi_7^4$
15769	504	503	$\frac{31}{503}$	$\frac{69}{503}$	$\frac{89}{503}$	$\frac{236}{503}$	$\Phi_{503}\ \Phi_1^2$
15770	504	676	$\frac{11}{169}$	$\frac{15}{169}$	$\frac{1}{4}$	$\frac{79}{169}$	$\Phi_{676}\ \Phi_{338}\ \Phi_{52}\ \Phi_{26}$
15771	504	503	$\frac{33}{503}$	$\frac{41}{503}$	$\frac{134}{503}$	$\frac{235}{503}$	$\Phi_{503}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
15772	504	759	$\frac{15}{253}$	$\frac{17}{253}$	$\frac{1}{3}$	$\frac{118}{253}$	$\Phi_{759}\ \Phi_{69}\ \Phi_{33}$
15773	504	584	$\frac{5}{73}$	$\frac{1}{8}$	$\frac{13}{73}$	$\frac{34}{73}$	$\Phi_{584}\ \Phi_{292}\ \Phi_{146}$
15774	504	503	$\frac{37}{503}$	$\frac{59}{503}$	$\frac{90}{503}$	$\frac{233}{503}$	$\Phi_{503}\ \Phi_{1}^{2}$
15775	504	741	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{741}\ \Phi_{57}^{2}$
15776	504	455	$\frac{2}{35}$	$\frac{1}{13}$	$\frac{11}{35}$	$\frac{6}{13}$	$\Phi_{455}\ \Phi_{91}\ \Phi_{65}\ \Phi_{35}^{2}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
15777	504	52	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{52}^{13}\ \Phi_{26}^{13}\ \Phi_{4}^{12}\ \Phi_{2}^{12}$
15778	504	455	$\frac{1}{13}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{6}{13}$	$\Phi_{455}\ \Phi_{91}\ \Phi_{65}\ \Phi_{35}^{2}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
15779	504	130	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{130}^{4}\ \Phi_{65}^{3}\ \Phi_{26}^{4}\ \Phi_{13}^{4}\ \Phi_{10}^{8}\ \Phi_{5}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
15780	504	91	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{91}^{5}\ \Phi_{13}^{6}\ \Phi_{7}^{10}\ \Phi_{1}^{12}$
15781	504	555	$\frac{1}{15}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{555}\ \Phi_{185}\ \Phi_{111}$
15782	504	503	$\frac{39}{503}$	$\frac{43}{503}$	$\frac{116}{503}$	$\frac{230}{503}$	$\Phi_{503}\ \Phi_{1}^{2}$
15783	504	66	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{66}^{12}\ \Phi_{33}^{11}\ \Phi_{6}^{12}\ \Phi_{3}^{10}$
15784	504	451	$\frac{2}{41}$	$\frac{1}{11}$	$\frac{13}{41}$	$\frac{5}{11}$	$\Phi_{451}\ \Phi_{41}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
15785	504	660	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}$
15786	504	451	$\frac{1}{11}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{5}{11}$	$\Phi_{451}\ \Phi_{41}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
15787	504	616	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
15788	504	345	$\frac{1}{23}$	$\frac{11}{115}$	$\frac{1}{3}$	$\frac{52}{115}$	$\Phi_{345}^{2}\ \Phi_{69}^{3}\ \Phi_{15}^{2}\ \Phi_{3}^{2}$
15789	504	584	$\frac{7}{73}$	$\frac{1}{8}$	$\frac{10}{73}$	$\frac{33}{73}$	$\Phi_{584}\ \Phi_{292}\ \Phi_{146}$
15790	504	503	$\frac{23}{503}$	$\frac{49}{503}$	$\frac{160}{503}$	$\frac{227}{503}$	$\Phi_{503}\ \Phi_{1}^{2}$
15791	504	503	$\frac{49}{503}$	$\frac{62}{503}$	$\frac{69}{503}$	$\frac{227}{503}$	$\Phi_{503}\ \Phi_{1}^{2}$
15792	504	635	$\frac{10}{127}$	$\frac{13}{127}$	$\frac{1}{5}$	$\frac{57}{127}$	Φ_{635}
15793	504	551	$\frac{1}{19}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	Φ_{551}
15794	504	503	$\frac{26}{503}$	$\frac{53}{503}$	$\frac{139}{503}$	$\frac{225}{503}$	$\Phi_{503}\ \Phi_{1}^{2}$
15795	504	759	$\frac{10}{253}$	$\frac{27}{253}$	$\frac{1}{3}$	$\frac{113}{253}$	$\Phi_{759}\ \Phi_{69}\ \Phi_{33}$
15796	504	503	$\frac{31}{503}$	$\frac{55}{503}$	$\frac{118}{503}$	$\frac{224}{503}$	$\Phi_{503}\ \Phi_{1}^{2}$
15797	504	503	$\frac{20}{503}$	$\frac{57}{503}$	$\frac{161}{503}$	$\frac{223}{503}$	$\Phi_{503}\ \Phi_{1}^{2}$
15798	504	559	$\frac{1}{13}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	Φ_{559}
15799	504	550	$\frac{1}{22}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{550}\ \Phi_{275}\ \Phi_{110}\ \Phi_{55}\ \Phi_{50}\ \Phi_{10}$
15800	504	503	$\frac{47}{503}$	$\frac{61}{503}$	$\frac{76}{503}$	$\frac{221}{503}$	$\Phi_{503}\ \Phi_{1}^{2}$
15801	504	570	$\frac{1}{10}$	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{25}{57}$	$\Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{38}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
15802	504	1392	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1392}\ \Phi_{87}$
15803	504	880	$\frac{3}{55}$	$\frac{1}{8}$	$\frac{13}{55}$	$\frac{7}{16}$	$\Phi_{880}\ \Phi_{176}\ \Phi_{80}\ \Phi_{55}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
15804	504	240	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{240}^{4}\ \Phi_{80}^{3}\ \Phi_{48}^{4}\ \Phi_{16}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
15805	504	528	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{33}$	$\frac{7}{16}$	$\Phi_{528}^{2}\ \Phi_{176}\ \Phi_{48}^{2}\ \Phi_{33}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
15806	504	880	$\frac{6}{55}$	$\frac{1}{8}$	$\frac{7}{55}$	$\frac{7}{16}$	$\Phi_{880}\ \Phi_{176}\ \Phi_{80}\ \Phi_{55}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
15807	504	144	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{144}^{7}\ \Phi_{72}\ \Phi_{48}^{7}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
15808	504	503	$\frac{48}{503}$	$\frac{65}{503}$	$\frac{71}{503}$	$\frac{219}{503}$	$\Phi_{503}\ \Phi_{1}^{2}$
15809	504	595	$\frac{8}{85}$	$\frac{11}{85}$	$\frac{1}{7}$	$\frac{37}{85}$	$\Phi_{595}\ \Phi_{119}\ \Phi_{35}$
15810	504	503	$\frac{34}{503}$	$\frac{67}{503}$	$\frac{95}{503}$	$\frac{218}{503}$	$\Phi_{503}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
15811	504	635	$\frac{8}{127}$	$\frac{17}{127}$	$\frac{1}{5}$	$\frac{55}{127}$	Φ_{635}
15812	504	555	$\frac{1}{15}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{555}\ \Phi_{185}\ \Phi_{111}$
15813	504	676	$\frac{8}{169}$	$\frac{23}{169}$	$\frac{1}{4}$	$\frac{73}{169}$	$\Phi_{676}\ \Phi_{338}\ \Phi_{52}\ \Phi_{26}$
15814	504	503	$\frac{20}{503}$	$\frac{69}{503}$	$\frac{143}{503}$	$\frac{217}{503}$	$\Phi_{503}\ \Phi_1^2$
15815	504	759	$\frac{8}{253}$	$\frac{35}{253}$	$\frac{1}{3}$	$\frac{109}{253}$	$\Phi_{759}\ \Phi_{69}\ \Phi_{33}$
15816	504	503	$\frac{41}{503}$	$\frac{71}{503}$	$\frac{77}{503}$	$\frac{216}{503}$	$\Phi_{503}\ \Phi_1^2$
15817	504	217	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{10}{31}$	$\frac{3}{7}$	$\Phi_{217}^2\ \Phi_{31}^4\ \Phi_7^3\ \Phi_1^6$
15818	504	308	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{308}^2\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}^4\ \Phi_{28}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
15819	504	217	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{217}^2\ \Phi_{31}^4\ \Phi_7^3\ \Phi_1^6$
15820	504	280	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{280}^2\ \Phi_{140}^2\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}^4\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
15821	504	503	$\frac{48}{503}$	$\frac{65}{503}$	$\frac{73}{503}$	$\frac{215}{503}$	$\Phi_{503}\ \Phi_1^2$
15822	504	584	$\frac{7}{73}$	$\frac{1}{8}$	$\frac{11}{73}$	$\frac{31}{73}$	$\Phi_{584}\ \Phi_{292}\ \Phi_{146}$
15823	504	595	$\frac{7}{85}$	$\frac{1}{7}$	$\frac{13}{85}$	$\frac{36}{85}$	$\Phi_{595}\ \Phi_{119}\ \Phi_{35}$
15824	504	503	$\frac{29}{503}$	$\frac{79}{503}$	$\frac{97}{503}$	$\frac{212}{503}$	$\Phi_{503}\ \Phi_1^2$
15825	504	676	$\frac{7}{169}$	$\frac{27}{169}$	$\frac{1}{4}$	$\frac{71}{169}$	$\Phi_{676}\ \Phi_{338}\ \Phi_{52}\ \Phi_{26}$
15826	504	503	$\frac{17}{503}$	$\frac{81}{503}$	$\frac{146}{503}$	$\frac{211}{503}$	$\Phi_{503}\ \Phi_1^2$
15827	504	759	$\frac{7}{253}$	$\frac{41}{253}$	$\frac{1}{3}$	$\frac{106}{253}$	$\Phi_{759}\ \Phi_{69}\ \Phi_{33}$
15828	504	444	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{444}^2\ \Phi_{148}^2\ \Phi_{111}$
15829	504	852	$\frac{2}{71}$	$\frac{1}{6}$	$\frac{23}{71}$	$\frac{5}{12}$	$\Phi_{852}\ \Phi_{284}\ \Phi_{71}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
15830	504	300	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{300}\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{50}^3\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
15831	504	852	$\frac{3}{71}$	$\frac{1}{6}$	$\frac{17}{71}$	$\frac{5}{12}$	$\Phi_{852}\ \Phi_{284}\ \Phi_{71}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
15832	504	1140	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{95}$
15833	504	852	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{852}\ \Phi_{284}\ \Phi_{71}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
15834	504	1092	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{91}$
15835	504	852	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{852}\ \Phi_{284}\ \Phi_{71}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
15836	504	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{180}^6\ \Phi_{90}\ \Phi_{60}^4\ \Phi_{45}\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
15837	504	503	$\frac{14}{503}$	$\frac{85}{503}$	$\frac{163}{503}$	$\frac{209}{503}$	$\Phi_{503}\ \Phi_1^2$
15838	504	645	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{645}\ \Phi_{129}^2$
15839	504	415	$\frac{2}{83}$	$\frac{1}{5}$	$\frac{27}{83}$	$\frac{2}{5}$	$\Phi_{415}\ \Phi_{83}^2\ \Phi_5^2\ \Phi_1^4$
15840	504	370	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{370}^2\ \Phi_{185}\ \Phi_{74}^2$
15841	504	580	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{580}\ \Phi_{290}\ \Phi_{116}^2\ \Phi_{58}^2$
15842	504	415	$\frac{3}{83}$	$\frac{1}{5}$	$\frac{20}{83}$	$\frac{2}{5}$	$\Phi_{415}\ \Phi_{83}^2\ \Phi_5^2\ \Phi_1^4$
15843	504	110	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{110}^5\ \Phi_{55}^5\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_{10}^5\ \Phi_2^4$
15844	504	415	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{415}\ \Phi_{83}^2\ \Phi_5^2\ \Phi_1^4$
15845	504	105	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{105}^6\ \Phi_{35}^5\ \Phi_{21}^6\ \Phi_7^4$
15846	504	415	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{415}\ \Phi_{83}^2\ \Phi_5^2\ \Phi_1^4$
15847	504	520	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{26}^2$
15848	504	503	$\frac{34}{503}$	$\frac{67}{503}$	$\frac{109}{503}$	$\frac{197}{503}$	$\Phi_{503}\ \Phi_1^2$
15849	504	503	$\frac{11}{503}$	$\frac{113}{503}$	$\frac{164}{503}$	$\frac{195}{503}$	$\Phi_{503}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
15850	504	503	$\frac{44}{503}$	$\frac{51}{503}$	$\frac{113}{503}$	$\frac{195}{503}$	$\Phi_{503}\ \Phi_1^2$
15851	504	570	$\frac{5}{57}$	$\frac{1}{10}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{38}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
15852	504	559	$\frac{1}{43}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{559}
15853	504	584	$\frac{5}{73}$	$\frac{1}{8}$	$\frac{17}{73}$	$\frac{28}{73}$	$\Phi_{584}\ \Phi_{292}\ \Phi_{146}$
15854	504	238	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{238}^4\ \Phi_{119}\ \Phi_{14}^4$
15855	504	503	$\frac{19}{503}$	$\frac{104}{503}$	$\frac{121}{503}$	$\frac{191}{503}$	$\Phi_{503}\ \Phi_1^2$
15856	504	676	$\frac{5}{169}$	$\frac{41}{169}$	$\frac{1}{4}$	$\frac{64}{169}$	$\Phi_{676}\ \Phi_{338}\ \Phi_{52}\ \Phi_{26}$
15857	504	503	$\frac{15}{503}$	$\frac{122}{503}$	$\frac{127}{503}$	$\frac{188}{503}$	$\Phi_{503}\ \Phi_1^2$
15858	504	551	$\frac{1}{29}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	Φ_{551}
15859	504	550	$\frac{1}{22}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{550}\ \Phi_{275}\ \Phi_{110}\ \Phi_{55}\ \Phi_{50}\ \Phi_{10}$
15860	504	503	$\frac{23}{503}$	$\frac{80}{503}$	$\frac{141}{503}$	$\frac{181}{503}$	$\Phi_{503}\ \Phi_1^2$
15861	504	503	$\frac{27}{503}$	$\frac{68}{503}$	$\frac{145}{503}$	$\frac{179}{503}$	$\Phi_{503}\ \Phi_1^2$
15862	504	555	$\frac{1}{15}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{555}\ \Phi_{185}\ \Phi_{111}$
15863	504	559	$\frac{1}{13}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	Φ_{559}
15864	504	503	$\frac{38}{503}$	$\frac{47}{503}$	$\frac{155}{503}$	$\frac{174}{503}$	$\Phi_{503}\ \Phi_1^2$
15865	504	503	$\frac{32}{503}$	$\frac{55}{503}$	$\frac{157}{503}$	$\frac{173}{503}$	$\Phi_{503}\ \Phi_1^2$
15866	504	288	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{288}^3\ \Phi_{144}\ \Phi_{96}^3\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
15867	504	584	$\frac{4}{73}$	$\frac{1}{8}$	$\frac{23}{73}$	$\frac{25}{73}$	$\Phi_{584}\ \Phi_{292}\ \Phi_{146}$
15868	504	595	$\frac{4}{85}$	$\frac{1}{7}$	$\frac{27}{85}$	$\frac{29}{85}$	$\Phi_{595}\ \Phi_{119}\ \Phi_{35}$
15869	504	503	$\frac{20}{503}$	$\frac{83}{503}$	$\frac{161}{503}$	$\frac{171}{503}$	$\Phi_{503}\ \Phi_1^2$
15870	504	635	$\frac{4}{127}$	$\frac{1}{5}$	$\frac{41}{127}$	$\frac{43}{127}$	Φ_{635}
15871	504	503	$\frac{14}{503}$	$\frac{111}{503}$	$\frac{163}{503}$	$\frac{170}{503}$	$\Phi_{503}\ \Phi_1^2$
15872	504	676	$\frac{4}{169}$	$\frac{1}{4}$	$\frac{55}{169}$	$\frac{57}{169}$	$\Phi_{676}\ \Phi_{338}\ \Phi_{52}\ \Phi_{26}$
15873	504	503	$\frac{8}{503}$	$\frac{165}{503}$	$\frac{167}{503}$	$\frac{169}{503}$	$\Phi_{503}\ \Phi_1^2$
15874	504	759	$\frac{4}{253}$	$\frac{83}{253}$	$\frac{1}{3}$	$\frac{85}{253}$	$\Phi_{759}\ \Phi_{69}\ \Phi_{33}$
15875	504	192	$\frac{1}{64}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^2\ \Phi_{48}^3\ \Phi_{32}^2\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
15876	504	375	$\frac{2}{125}$	$\frac{41}{125}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{375}\ \Phi_{125}^2\ \Phi_{75}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
15877	504	516	$\frac{1}{43}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{516}\ \Phi_{258}\ \Phi_{172}^2\ \Phi_{86}^2$
15878	504	333	$\frac{1}{37}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{333}^2\ \Phi_{111}$
15879	504	195	$\frac{2}{65}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^2\ \Phi_{65}^4\ \Phi_{39}^2\ \Phi_{15}\ \Phi_{13}^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
15880	504	75	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{75}^5\ \Phi_{25}^{10}\ \Phi_{15}^5\ \Phi_5^{10}\ \Phi_3^6\ \Phi_1^{12}$
15881	504	462	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{462}\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{42}\ \Phi_{14}^2$
15882	504	375	$\frac{6}{125}$	$\frac{17}{125}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{375}\ \Phi_{125}^2\ \Phi_{75}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
15883	504	456	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{456}\ \Phi_{228}\ \Phi_{152}^2\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{38}^2$
15884	504	375	$\frac{8}{125}$	$\frac{13}{125}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{375}\ \Phi_{125}^2\ \Phi_{75}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
15885	504	30	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{30}^{19}\ \Phi_{15}^{15}\ \Phi_{10}^{18}\ \Phi_6^{19}\ \Phi_5^{14}\ \Phi_3^{16}\ \Phi_2^{18}\ \Phi_1^{16}$
15886	504	996	$\frac{2}{83}$	$\frac{1}{4}$	$\frac{27}{83}$	$\frac{1}{3}$	$\Phi_{996}\ \Phi_{498}\ \Phi_{12}^2\ \Phi_6^2$
15887	504	759	$\frac{7}{253}$	$\frac{57}{253}$	$\frac{82}{253}$	$\frac{1}{3}$	$\Phi_{759}\ \Phi_{69}\ \Phi_{33}$
15888	504	639	$\frac{2}{71}$	$\frac{2}{9}$	$\frac{23}{71}$	$\frac{1}{3}$	$\Phi_{639}\ \Phi_{71}\ \Phi_9^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
15889	504	465	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{10}{31}$	$\frac{1}{3}$	$\Phi_{465}^2\ \Phi_{15}^3$
15890	504	759	$\frac{10}{253}$	$\frac{43}{253}$	$\frac{81}{253}$	$\frac{1}{3}$	$\Phi_{759}\ \Phi_{69}\ \Phi_{33}$
15891	504	861	$\frac{2}{41}$	$\frac{1}{7}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{861}\ \Phi_{21}^2$
15892	504	840	$\frac{2}{35}$	$\frac{1}{8}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
15893	504	759	$\frac{16}{253}$	$\frac{29}{253}$	$\frac{79}{253}$	$\frac{1}{3}$	$\Phi_{759}\ \Phi_{69}\ \Phi_{33}$
15894	504	810	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{162}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
15895	504	759	$\frac{19}{253}$	$\frac{25}{253}$	$\frac{78}{253}$	$\frac{1}{3}$	$\Phi_{759}\ \Phi_{69}\ \Phi_{33}$
15896	504	363	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{37}{121}$	$\frac{1}{3}$	$\Phi_{363}^2\ \Phi_{33}^3\ \Phi_3^2$
15897	504	390	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{78}^2\ \Phi_{39}^3$
15898	504	255	$\frac{1}{15}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{255}^2\ \Phi_{85}^2\ \Phi_{51}\ \Phi_{17}^2\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
15899	504	759	$\frac{15}{253}$	$\frac{34}{253}$	$\frac{73}{253}$	$\frac{1}{3}$	$\Phi_{759}\ \Phi_{69}\ \Phi_{33}$
15900	504	759	$\frac{13}{253}$	$\frac{40}{253}$	$\frac{71}{253}$	$\frac{1}{3}$	$\Phi_{759}\ \Phi_{69}\ \Phi_{33}$
15901	504	66	$\frac{1}{22}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{66}^{12}\ \Phi_{33}^{11}\ \Phi_6^{12}\ \Phi_3^{10}$
15902	504	345	$\frac{1}{23}$	$\frac{22}{115}$	$\frac{31}{115}$	$\frac{1}{3}$	$\Phi_{345}^2\ \Phi_{69}^3\ \Phi_{15}^2\ \Phi_3^2$
15903	504	759	$\frac{9}{253}$	$\frac{61}{253}$	$\frac{64}{253}$	$\frac{1}{3}$	$\Phi_{759}\ \Phi_{69}\ \Phi_{33}$
15904	504	348	$\frac{1}{29}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{348}^2\ \Phi_{174}^2\ \Phi_{87}^3$
15905	504	996	$\frac{3}{83}$	$\frac{20}{83}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{996}\ \Phi_{498}\ \Phi_{12}^2\ \Phi_6^2$
15906	504	900	$\frac{1}{25}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{180}\ \Phi_{100}\ \Phi_{90}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
15907	504	660	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}\ \Phi_{165}\ \Phi_{60}\ \Phi_{15}$
15908	504	996	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{996}\ \Phi_{498}\ \Phi_{12}^2\ \Phi_6^2$
15909	504	420	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
15910	504	996	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{996}\ \Phi_{498}\ \Phi_{12}^2\ \Phi_6^2$
15911	504	312	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{312}^3\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{39}^3$
15912	504	639	$\frac{3}{71}$	$\frac{2}{9}$	$\frac{17}{71}$	$\frac{1}{3}$	$\Phi_{639}\ \Phi_{71}\ \Phi_9^2\ \Phi_1^2$
15913	504	840	$\frac{3}{35}$	$\frac{1}{8}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
15914	504	759	$\frac{25}{253}$	$\frac{28}{253}$	$\frac{57}{253}$	$\frac{1}{3}$	$\Phi_{759}\ \Phi_{69}\ \Phi_{33}$
15915	504	855	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{855}\ \Phi_{95}$
15916	504	639	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{639}\ \Phi_{71}\ \Phi_9^2\ \Phi_1^2$
15917	504	819	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{819}\ \Phi_{91}$
15918	504	639	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{639}\ \Phi_{71}\ \Phi_9^2\ \Phi_1^2$
15919	504	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{90}^6\ \Phi_{45}^6\ \Phi_{30}^7\ \Phi_{18}^6\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_6^7\ \Phi_5^6\ \Phi_2^6$
15920	504	69	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{69}^{11}\ \Phi_3^{10}$
15921	504	975	$\frac{1}{13}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{975}\ \Phi_{39}$
15922	504	465	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{465}^2\ \Phi_{15}^3$
15923	504	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{120}^7\ \Phi_{60}^7\ \Phi_{30}^3\ \Phi_{24}^8\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_6^4\ \Phi_3^4$
15924	504	33	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{33}^{14}\ \Phi_{11}^{18}\ \Phi_3^{13}\ \Phi_1^{18}$
15925	504	861	$\frac{5}{41}$	$\frac{1}{7}$	$\frac{6}{41}$	$\frac{1}{3}$	$\Phi_{861}\ \Phi_{21}^2$
15926	504	759	$\frac{31}{253}$	$\frac{36}{253}$	$\frac{37}{253}$	$\frac{1}{3}$	$\Phi_{759}\ \Phi_{69}\ \Phi_{33}$
15927	504	168	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{42}^5\ \Phi_{24}^6\ \Phi_{12}^6\ \Phi_6^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
15928	504	451	$\frac{2}{41}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{13}{41}$	$\Phi_{451}\ \Phi_{41}^2\ \Phi_{11}^2\ \Phi_1^4$
15929	504	820	$\frac{2}{41}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{13}{41}$	$\Phi_{820}\ \Phi_{410}\ \Phi_{20}^2\ \Phi_{10}^2$
15930	504	503	$\frac{26}{503}$	$\frac{86}{503}$	$\frac{139}{503}$	$\frac{159}{503}$	$\Phi_{503}\ \Phi_1^2$
15931	504	635	$\frac{7}{127}$	$\frac{1}{5}$	$\frac{29}{127}$	$\frac{40}{127}$	Φ_{635}
15932	504	503	$\frac{29}{503}$	$\frac{97}{503}$	$\frac{115}{503}$	$\frac{158}{503}$	$\Phi_{503}\ \Phi_1^2$
15933	504	676	$\frac{10}{169}$	$\frac{29}{169}$	$\frac{1}{4}$	$\frac{53}{169}$	$\Phi_{676}\ \Phi_{338}\ \Phi_{52}\ \Phi_{26}$
15934	504	260	$\frac{1}{13}$	$\frac{9}{65}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{260}^3\ \Phi_{130}^3\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}^3\ \Phi_{10}^3$
15935	504	230	$\frac{2}{23}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{23}$	$\Phi_{230}^2\ \Phi_{115}^2\ \Phi_{46}^2\ \Phi_{23}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
15936	504	184	$\frac{2}{23}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{184}^3\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
15937	504	575	$\frac{2}{23}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{575}\ \Phi_{25}^2\ \Phi_{23}\ \Phi_1^2$
15938	504	503	$\frac{44}{503}$	$\frac{50}{503}$	$\frac{151}{503}$	$\frac{153}{503}$	$\Phi_{503}\ \Phi_1^2$
15939	504	584	$\frac{7}{73}$	$\frac{1}{8}$	$\frac{17}{73}$	$\frac{22}{73}$	$\Phi_{584}\ \Phi_{292}\ \Phi_{146}$
15940	504	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{180}^4\ \Phi_{90}^2\ \Phi_{60}^4\ \Phi_{45}^2\ \Phi_{36}^5\ \Phi_{30}^2\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}^5\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
15941	504	230	$\frac{1}{10}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{3}{10}$	$\Phi_{230}^2\ \Phi_{115}^2\ \Phi_{46}^2\ \Phi_{23}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
15942	504	70	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{70}^8\ \Phi_{35}^9\ \Phi_{14}^8\ \Phi_7^8$
15943	504	576	$\frac{7}{64}$	$\frac{1}{9}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
15944	504	503	$\frac{55}{503}$	$\frac{56}{503}$	$\frac{118}{503}$	$\frac{149}{503}$	$\Phi_{503}\ \Phi_1^2$
15945	504	503	$\frac{56}{503}$	$\frac{59}{503}$	$\frac{111}{503}$	$\frac{149}{503}$	$\Phi_{503}\ \Phi_1^2$
15946	504	676	$\frac{17}{169}$	$\frac{19}{169}$	$\frac{1}{4}$	$\frac{50}{169}$	$\Phi_{676}\ \Phi_{338}\ \Phi_{52}\ \Phi_{26}$
15947	504	153	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{2}{9}$	$\frac{5}{17}$	$\Phi_{153}^3\ \Phi_{51}^3\ \Phi_{17}^4\ \Phi_9^6\ \Phi_3^6\ \Phi_1^8$
15948	504	680	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
15949	504	119	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{119}^5\ \Phi_7^4$
15950	504	503	$\frac{62}{503}$	$\frac{69}{503}$	$\frac{89}{503}$	$\frac{147}{503}$	$\Phi_{503}\ \Phi_1^2$
15951	504	635	$\frac{15}{127}$	$\frac{16}{127}$	$\frac{1}{5}$	$\frac{37}{127}$	Φ_{635}
15952	504	503	$\frac{48}{503}$	$\frac{65}{503}$	$\frac{119}{503}$	$\frac{146}{503}$	$\Phi_{503}\ \Phi_1^2$
15953	504	503	$\frac{51}{503}$	$\frac{65}{503}$	$\frac{113}{503}$	$\frac{146}{503}$	$\Phi_{503}\ \Phi_1^2$
15954	504	676	$\frac{15}{169}$	$\frac{22}{169}$	$\frac{1}{4}$	$\frac{49}{169}$	$\Phi_{676}\ \Phi_{338}\ \Phi_{52}\ \Phi_{26}$
15955	504	584	$\frac{1}{8}$	$\frac{10}{73}$	$\frac{13}{73}$	$\frac{21}{73}$	$\Phi_{584}\ \Phi_{292}\ \Phi_{146}$
15956	504	503	$\frac{59}{503}$	$\frac{74}{503}$	$\frac{90}{503}$	$\frac{143}{503}$	$\Phi_{503}\ \Phi_1^2$
15957	504	635	$\frac{13}{127}$	$\frac{19}{127}$	$\frac{1}{5}$	$\frac{36}{127}$	Φ_{635}
15958	504	156	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{4}$	$\frac{11}{39}$	$\Phi_{156}^6\ \Phi_{78}^6\ \Phi_{52}\ \Phi_{26}\ \Phi_{12}^6\ \Phi_6^6$
15959	504	660	$\frac{1}{15}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2$
15960	504	451	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{451}\ \Phi_{41}^2\ \Phi_{11}^2\ \Phi_1^4$
15961	504	616	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2$
15962	504	555	$\frac{1}{15}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{555}\ \Phi_{185}\ \Phi_{111}$
15963	504	190	$\frac{1}{10}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{190}^3\ \Phi_{95}^3\ \Phi_{38}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2$
15964	504	503	$\frac{53}{503}$	$\frac{75}{503}$	$\frac{107}{503}$	$\frac{132}{503}$	$\Phi_{503}\ \Phi_1^2$
15965	504	503	$\frac{62}{503}$	$\frac{63}{503}$	$\frac{110}{503}$	$\frac{131}{503}$	$\Phi_{503}\ \Phi_1^2$
15966	504	584	$\frac{9}{73}$	$\frac{1}{8}$	$\frac{16}{73}$	$\frac{19}{73}$	$\Phi_{584}\ \Phi_{292}\ \Phi_{146}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
15967	504	595	$\frac{9}{85}$	$\frac{1}{7}$	$\frac{19}{85}$	$\frac{22}{85}$	$\Phi_{595}\ \Phi_{119}\ \Phi_{35}$
15968	504	503	$\frac{27}{503}$	$\frac{119}{503}$	$\frac{125}{503}$	$\frac{128}{503}$	$\Phi_{503}\ \Phi_{1}^{2}$
15969	504	676	$\frac{9}{169}$	$\frac{40}{169}$	$\frac{1}{4}$	$\frac{43}{169}$	$\Phi_{676}\ \Phi_{338}\ \Phi_{52}\ \Phi_{26}$
15970	504	220	$\frac{3}{55}$	$\frac{13}{55}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{220}^{2}\ \Phi_{110}^{2}\ \Phi_{55}^{3}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{20}^{2}\ \Phi_{11}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
15971	504	60	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{60}^{8}\ \Phi_{30}^{8}\ \Phi_{20}^{6}\ \Phi_{15}^{12}\ \Phi_{12}^{8}\ \Phi_{10}^{6}\ \Phi_{6}^{8}\ \Phi_{5}^{9}\ \Phi_{4}^{8}\ \Phi_{3}^{12}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
15972	504	132	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{132}^{4}\ \Phi_{66}^{4}\ \Phi_{44}^{2}\ \Phi_{33}^{6}\ \Phi_{22}^{2}\ \Phi_{12}^{4}\ \Phi_{11}^{3}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
15973	504	220	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{220}^{2}\ \Phi_{110}^{2}\ \Phi_{55}^{3}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{20}^{2}\ \Phi_{11}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
15974	504	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{72}^{9}\ \Phi_{36}^{7}\ \Phi_{24}^{9}\ \Phi_{18}^{7}\ \Phi_{12}^{7}\ \Phi_{9}^{6}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
15975	504	52	$\frac{1}{13}$	$\frac{5}{26}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{52}^{13}\ \Phi_{26}^{5}\ \Phi_{13}^{8}\ \Phi_{4}^{12}\ \Phi_{2}^{4}\ \Phi_{1}^{8}$
15976	504	252	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{252}^{3}\ \Phi_{126}^{3}\ \Phi_{84}^{3}\ \Phi_{42}^{3}\ \Phi_{28}^{4}\ \Phi_{14}^{4}$
15977	504	676	$\frac{21}{169}$	$\frac{22}{169}$	$\frac{37}{169}$	$\frac{1}{4}$	$\Phi_{676}\ \Phi_{338}\ \Phi_{52}\ \Phi_{26}$
15978	504	184	$\frac{1}{8}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{184}^{3}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{23}^{3}\ \Phi_{8}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
15979	504	676	$\frac{19}{169}$	$\frac{25}{169}$	$\frac{36}{169}$	$\frac{1}{4}$	$\Phi_{676}\ \Phi_{338}\ \Phi_{52}\ \Phi_{26}$
15980	504	720	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
15981	504	900	$\frac{1}{9}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{150}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
15982	504	820	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{820}\ \Phi_{410}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
15983	504	280	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{280}^{3}\ \Phi_{140}^{2}\ \Phi_{70}^{2}\ \Phi_{35}^{3}$
15984	504	575	$\frac{3}{23}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{5}{23}$	$\Phi_{575}\ \Phi_{25}^{2}\ \Phi_{23}\ \Phi_{1}^{2}$
15985	504	175	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{175}^{4}\ \Phi_{35}$
15986	505	200	$\frac{1}{100}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{99}{200}$	$\Phi_{200}\ \Phi_{100}^{4}\ \Phi_{50}^{4}\ \Phi_{40}\ \Phi_{25}^{4}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
15987	505	864	$\frac{1}{72}$	$\frac{73}{432}$	$\frac{359}{864}$	$\frac{71}{144}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
15988	505	896	$\frac{1}{56}$	$\frac{57}{448}$	$\frac{391}{896}$	$\frac{55}{112}$	$\Phi_{896}\ \Phi_{128}\ \Phi_{112}\ \Phi_{16}\ \Phi_{1}$
15989	505	672	$\frac{1}{56}$	$\frac{167}{672}$	$\frac{57}{224}$	$\frac{55}{112}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
15990	505	992	$\frac{9}{496}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{487}{992}$	$\Phi_{992}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
15991	505	198	$\frac{2}{99}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{97}{198}$	$\Phi_{198}^{2}\ \Phi_{99}^{3}\ \Phi_{66}^{2}\ \Phi_{33}^{3}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{11}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
15992	505	408	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{35}{136}$	$\frac{33}{68}$	$\Phi_{408}^{2}\ \Phi_{136}\ \Phi_{102}^{2}\ \Phi_{51}^{2}\ \Phi_{34}\ \Phi_{24}^{2}\ \Phi_{17}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
15993	505	196	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{95}{196}$	$\Phi_{196}^{5}\ \Phi_{28}^{5}\ \Phi_{7}^{2}\ \Phi_{4}^{5}\ \Phi_{1}^{3}$
15994	505	972	$\frac{19}{486}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{467}{972}$	$\Phi_{972}\ \Phi_{324}\ \Phi_{108}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
15995	505	192	$\frac{1}{24}$	$\frac{5}{96}$	$\frac{91}{192}$	$\frac{23}{48}$	$\Phi_{192}^{5}\ \Phi_{64}^{5}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
15996	505	144	$\frac{1}{24}$	$\frac{5}{48}$	$\frac{43}{144}$	$\frac{23}{48}$	$\Phi_{144}^{5}\ \Phi_{72}^{5}\ \Phi_{48}\ \Phi_{36}^{5}\ \Phi_{18}^{5}\ \Phi_{16}\ \Phi_{9}^{5}\ \Phi_{1}$
15997	505	576	$\frac{1}{24}$	$\frac{71}{576}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
15998	505	684	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{179}{684}$	$\frac{163}{342}$	$\Phi_{684}\ \Phi_{228}\ \Phi_{171}\ \Phi_{76}\ \Phi_{57}\ \Phi_{36}\ \Phi_{19}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
15999	505	612	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{107}{612}$	$\frac{97}{204}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{102}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
16000	505	546	$\frac{2}{39}$	$\frac{41}{546}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{546}\ \Phi_{273}\ \Phi_{182}\ \Phi_{91}\ \Phi_{42}\ \Phi_{39}\ \Phi_{21}\ \Phi_{14}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}$
16001	505	192	$\frac{5}{96}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{91}{192}$	$\Phi_{192}^{5}\ \Phi_{64}^{5}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
16002	505	192	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{91}{192}$	$\Phi_{192}^{5}\ \Phi_{64}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
16003	505	936	$\frac{2}{39}$	$\frac{37}{468}$	$\frac{1}{3}$	$\frac{431}{936}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{104}\ \Phi_{72}\ \Phi_{39}\ \Phi_{24}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
16004	505	896	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{448}$	$\frac{391}{896}$	$\Phi_{896}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
16005	505	105	$\frac{4}{105}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{105}^{5}\ \Phi_{35}^{5}\ \Phi_{21}^{5}\ \Phi_{15}^{5}\ \Phi_{7}^{2}\ \Phi_{5}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
16006	505	108	$\frac{7}{108}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{108}^5\ \Phi_{54}^5\ \Phi_{36}^5\ \Phi_{27}^5\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
16007	505	864	$\frac{1}{36}$	$\frac{73}{432}$	$\frac{35}{108}$	$\frac{359}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_1$
16008	505	510	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{16}{85}$	$\frac{69}{170}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{102}^2\ \Phi_{85}\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{30}\ \Phi_{17}\ \Phi_{15}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
16009	505	126	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{25}{126}$	$\frac{17}{42}$	$\Phi_{126}^5\ \Phi_{63}^5\ \Phi_{21}^4\ \Phi_{18}^5\ \Phi_9^5\ \Phi_7^4\ \Phi_3^4\ \Phi_1^5$
16010	505	144	$\frac{1}{36}$	$\frac{7}{36}$	$\frac{43}{144}$	$\frac{29}{72}$	$\Phi_{144}^5\ \Phi_{48}^5\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
16011	505	168	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{17}{84}$	$\frac{67}{168}$	$\Phi_{168}^5\ \Phi_{56}^5\ \Phi_{24}^5\ \Phi_{21}^4\ \Phi_8^5\ \Phi_7^4\ \Phi_3^4\ \Phi_1^5$
16012	505	816	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{97}{408}$	$\frac{311}{816}$	$\Phi_{816}\ \Phi_{272}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
16013	505	600	$\frac{1}{50}$	$\frac{1}{4}$	$\frac{49}{150}$	$\frac{3}{8}$	$\Phi_{600}^2\ \Phi_{150}\ \Phi_{120}^2\ \Phi_{75}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{15}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
16014	505	104	$\frac{3}{104}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{104}^5\ \Phi_{52}^5\ \Phi_{26}^5\ \Phi_{13}^5\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
16015	505	840	$\frac{4}{105}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{56}\ \Phi_{35}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_8\ \Phi_7\ \Phi_3\ \Phi_1$
16016	505	1000	$\frac{1}{25}$	$\frac{24}{125}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1000}\ \Phi_{125}\ \Phi_8\ \Phi_1$
16017	505	120	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^5\ \Phi_{60}^5\ \Phi_{40}\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^4\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_8^2\ \Phi_6^5\ \Phi_5^4\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
16018	505	440	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^2\ \Phi_{110}\ \Phi_{88}^2\ \Phi_{55}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
16019	505	108	$\frac{7}{108}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{108}^5\ \Phi_{54}^4\ \Phi_{36}^5\ \Phi_{27}^5\ \Phi_{18}^4\ \Phi_{12}^5\ \Phi_9^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
16020	505	768	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{121}{384}$	$\frac{263}{768}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
16021	505	648	$\frac{1}{36}$	$\frac{143}{648}$	$\frac{35}{108}$	$\frac{73}{216}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_1$
16022	505	756	$\frac{1}{63}$	$\frac{62}{189}$	$\frac{251}{756}$	$\frac{127}{378}$	$\Phi_{756}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
16023	505	117	$\frac{2}{39}$	$\frac{16}{117}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{117}^4\ \Phi_{39}^5\ \Phi_{13}^5\ \Phi_9^4\ \Phi_3^4\ \Phi_1^5$
16024	505	702	$\frac{2}{39}$	$\frac{37}{234}$	$\frac{197}{702}$	$\frac{1}{3}$	$\Phi_{702}\ \Phi_{351}\ \Phi_{54}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_1$
16025	505	624	$\frac{2}{39}$	$\frac{119}{624}$	$\frac{37}{156}$	$\frac{1}{3}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{104}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_1$
16026	505	132	$\frac{2}{33}$	$\frac{1}{6}$	$\frac{31}{132}$	$\frac{1}{3}$	$\Phi_{132}^5\ \Phi_{66}^2\ \Phi_{44}^5\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{12}^5\ \Phi_{11}^3\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
16027	505	108	$\frac{7}{108}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{108}^5\ \Phi_{54}^5\ \Phi_{36}^5\ \Phi_{27}^5\ \Phi_{18}^2\ \Phi_{12}^5\ \Phi_9^3\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
16028	505	147	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{46}{147}$	$\Phi_{147}^5\ \Phi_{21}^5\ \Phi_7^2\ \Phi_3^5\ \Phi_1^3$
16029	505	729	$\frac{19}{243}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{224}{729}$	$\Phi_{729}\ \Phi_{27}\ \Phi_1$
16030	505	144	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{43}{144}$	$\Phi_{144}^5\ \Phi_{72}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
16031	505	567	$\frac{62}{567}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{567}\ \Phi_{189}\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}\ \Phi_7\ \Phi_1$
16032	505	648	$\frac{1}{9}$	$\frac{19}{162}$	$\frac{143}{648}$	$\frac{8}{27}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
16033	505	112	$\frac{11}{112}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{112}^5\ \Phi_{56}^5\ \Phi_{28}^5\ \Phi_{16}^5\ \Phi_8^5\ \Phi_7^2\ \Phi_4^5\ \Phi_1^3$
16034	505	576	$\frac{71}{576}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
16035	505	128	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{27}{128}$	$\frac{7}{32}$	$\Phi_{128}^5\ \Phi_{64}^5\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
16036	505	120	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{120}^5\ \Phi_{60}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
16037	506	404	$\frac{1}{101}$	$\frac{51}{202}$	$\frac{151}{404}$	$\frac{50}{101}$	$\Phi_{404}^2\ \Phi_{101}\ \Phi_4^2\ \Phi_1^2$
16038	506	500	$\frac{3}{250}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{247}{500}$	$\Phi_{500}^2\ \Phi_{100}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
16039	506	180	$\frac{1}{45}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{22}{45}$	$\Phi_{180}^5\ \Phi_{60}^5\ \Phi_{45}\ \Phi_{36}^5\ \Phi_{20}^6\ \Phi_{15}\ \Phi_{12}^5\ \Phi_9\ \Phi_5\ \Phi_4^6\ \Phi_3\ \Phi_1^2$
16040	506	45	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{22}{45}$	$\Phi_{45}^{11}\ \Phi_{15}^{12}\ \Phi_9^{11}\ \Phi_5^{11}\ \Phi_3^{12}\ \Phi_1^{12}$
16041	506	340	$\frac{2}{85}$	$\frac{1}{5}$	$\frac{87}{340}$	$\frac{83}{170}$	$\Phi_{340}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{20}^2\ \Phi_{17}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
16042	506	924	$\frac{1}{22}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{21}{44}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{132}\ \Phi_{84}\ \Phi_{44}^2\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
16043	506	132	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{132}^3\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_6^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
16044	506	308	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{21}{44}$	$\Phi_{308}^3\ \Phi_{44}^4\ \Phi_{28}^3\ \Phi_{14}^2\ \Phi_7\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
16045	506	231	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{10}{21}$	$\Phi_{231}^2\ \Phi_{77}^2\ \Phi_{33}^3\ \Phi_{21}^3\ \Phi_{11}^2\ \Phi_7^3\ \Phi_3^4\ \Phi_1^4$
16046	506	480	$\frac{13}{240}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{227}{480}$	$\Phi_{480}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
16047	506	966	$\frac{1}{23}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{966}\ \Phi_{322}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
16048	506	120	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{120}^4\ \Phi_{60}^3\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^6\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_8^6\ \Phi_6^6\ \Phi_5^4\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
16049	506	60	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{9}{20}$	$\Phi_{60}^{15}\ \Phi_{30}^2\ \Phi_{20}^{16}\ \Phi_{15}\ \Phi_{12}^{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^{16}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
16050	506	100	$\frac{2}{25}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{100}^{10}\ \Phi_{25}^2\ \Phi_{20}^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
16051	506	540	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{9}{20}$	$\Phi_{540}^2\ \Phi_{180}\ \Phi_{108}^2\ \Phi_{60}\ \Phi_{36}\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
16052	506	736	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{736}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}$
16053	506	270	$\frac{17}{270}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
16054	506	920	$\frac{1}{23}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{920}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}$
16055	506	425	$\frac{4}{85}$	$\frac{81}{425}$	$\frac{1}{5}$	$\frac{172}{425}$	$\Phi_{425}\ \Phi_{85}^2\ \Phi_{25}\ \Phi_{17}^2\ \Phi_5\ \Phi_1^2$
16056	506	375	$\frac{3}{125}$	$\frac{1}{5}$	$\frac{122}{375}$	$\frac{2}{5}$	$\Phi_{375}^2\ \Phi_{75}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
16057	506	260	$\frac{7}{260}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{260}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{13}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
16058	506	300	$\frac{3}{50}$	$\frac{47}{300}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
16059	506	25	$\frac{2}{25}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{25}^{20}\ \Phi_5^{21}\ \Phi_1^{22}$
16060	506	846	$\frac{1}{47}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{846}\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}$
16061	506	752	$\frac{1}{47}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{752}\ \Phi_{188}\ \Phi_{94}$
16062	506	828	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{828}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
16063	506	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{132}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{12}^6\ \Phi_{11}^2\ \Phi_6^6\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
16064	506	120	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^6\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_8^6\ \Phi_6^6\ \Phi_5^2\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
16065	506	462	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{10}{33}$	$\Phi_{462}^2\ \Phi_{231}\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
16066	506	360	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{107}{360}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
16067	506	270	$\frac{17}{270}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
16068	506	30	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{30}$	$\frac{4}{15}$	$\Phi_{30}^{22}\ \Phi_{15}^{12}\ \Phi_{10}^{22}\ \Phi_6^{22}\ \Phi_5^{11}\ \Phi_3^{12}\ \Phi_2^{22}\ \Phi_1^{12}$
16069	506	75	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{75}^{10}\ \Phi_{25}^2\ \Phi_{15}^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
16070	506	135	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{135}^4\ \Phi_{45}^2\ \Phi_{27}^6\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
16071	506	300	$\frac{2}{15}$	$\frac{47}{300}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
16072	507	920	$\frac{1}{46}$	$\frac{47}{460}$	$\frac{413}{920}$	$\frac{45}{92}$	$\Phi_{920}\ \Phi_{184}\ \Phi_{92}\ \Phi_{40}\ \Phi_8\ \Phi_4\ \Phi_1$
16073	507	660	$\frac{4}{165}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{161}{330}$	$\Phi_{660}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
16074	507	456	$\frac{1}{38}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{37}{76}$	$\Phi_{456}^2\ \Phi_{152}^2\ \Phi_{76}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
16075	507	1140	$\frac{1}{38}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{76}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_5\ \Phi_4\ \Phi_1$
16076	507	684	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{37}{76}$	$\Phi_{684}^2\ \Phi_{76}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
16077	507	304	$\frac{1}{38}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{37}{76}$	$\Phi_{304}^2\ \Phi_{152}^2\ \Phi_{76}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
16078	507	204	$\frac{1}{34}$	$\frac{35}{204}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{204}^3\ \Phi_{102}^3\ \Phi_{68}^2\ \Phi_{51}^3\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
16079	507	968	$\frac{1}{22}$	$\frac{23}{484}$	$\frac{461}{968}$	$\frac{21}{44}$	$\Phi_{968}\ \Phi_{88}\ \Phi_{44}\ \Phi_8\ \Phi_4\ \Phi_1$
16080	507	320	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{151}{320}$	$\Phi_{320}^3\ \Phi_{64}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
16081	507	456	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{6}{19}$	$\frac{11}{24}$	$\Phi_{456}^2\ \Phi_{152}^2\ \Phi_{24}^3\ \Phi_{19}^2\ \Phi_8^3\ \Phi_1^3$
16082	507	168	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{168}^6\ \Phi_{56}^6\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{14}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
16083	507	308	$\frac{1}{22}$	$\frac{15}{154}$	$\frac{7}{22}$	$\frac{139}{308}$	$\Phi_{308}^3\ \Phi_{44}^3\ \Phi_{28}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
16084	507	180	$\frac{11}{180}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_9^3\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
16085	507	612	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{1}{4}$	$\frac{137}{306}$	$\Phi_{612}\ \Phi_{204}\ \Phi_{153}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
16086	507	70	$\frac{1}{14}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{70}^7\ \Phi_{35}^8\ \Phi_{14}^6\ \Phi_{10}^7\ \Phi_7^7\ \Phi_5^7\ \Phi_2^6\ \Phi_1^7$
16087	507	704	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{197}{704}$	$\frac{155}{352}$	$\Phi_{704}\ \Phi_{176}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
16088	507	112	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{112}^4\ \Phi_{56}^6\ \Phi_{28}^6\ \Phi_{16}^2\ \Phi_{14}^5\ \Phi_8^3\ \Phi_7^5\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
16089	507	880	$\frac{1}{22}$	$\frac{67}{440}$	$\frac{21}{88}$	$\frac{373}{880}$	$\Phi_{880}\ \Phi_{176}\ \Phi_{88}\ \Phi_{80}\ \Phi_{44}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
16090	507	44	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{44}^{13}\ \Phi_{22}^8\ \Phi_{11}^{12}\ \Phi_4^{13}\ \Phi_2^8\ \Phi_1^{13}$
16091	507	448	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{448}^2\ \Phi_{64}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
16092	507	276	$\frac{1}{46}$	$\frac{31}{138}$	$\frac{15}{46}$	$\frac{107}{276}$	$\Phi_{276}^3\ \Phi_{92}^3\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
16093	507	272	$\frac{1}{34}$	$\frac{33}{136}$	$\frac{1}{4}$	$\frac{103}{272}$	$\Phi_{272}^3\ \Phi_{68}^2\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
16094	507	736	$\frac{1}{46}$	$\frac{45}{184}$	$\frac{229}{736}$	$\frac{139}{368}$	$\Phi_{736}\ \Phi_{184}\ \Phi_{92}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
16095	507	264	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{37}{132}$	$\frac{95}{264}$	$\Phi_{264}^3\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
16096	507	140	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{140}^6\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^6\ \Phi_{20}^3\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4^3\ \Phi_1$
16097	507	285	$\frac{1}{19}$	$\frac{2}{15}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{285}^2\ \Phi_{95}^2\ \Phi_{19}^2\ \Phi_{15}^3\ \Phi_5^3\ \Phi_1^3$
16098	507	420	$\frac{1}{14}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
16099	507	342	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{6}{19}$	$\Phi_{342}^2\ \Phi_{171}^2\ \Phi_{19}^2\ \Phi_{18}^3\ \Phi_9^3\ \Phi_1^3$
16100	507	304	$\frac{1}{19}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{304}^2\ \Phi_{152}^2\ \Phi_{19}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_1^3$
16101	507	204	$\frac{1}{17}$	$\frac{35}{204}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^3\ \Phi_{51}^3\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
16102	507	240	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{4}$	$\frac{71}{240}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
16103	507	252	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{252}^4\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
16104	507	180	$\frac{11}{180}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
16105	507	112	$\frac{1}{14}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{112}^6\ \Phi_{56}^6\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
16106	507	220	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{220}$	$\frac{1}{4}$	$\Phi_{220}^2\ \Phi_{110}^2\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{11}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
16107	507	200	$\frac{1}{10}$	$\frac{31}{200}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{200}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
16108	508	252	$\frac{1}{126}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{125}{252}$	$\Phi_{252}^4\ \Phi_{84}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
16109	508	510	$\frac{1}{85}$	$\frac{43}{170}$	$\frac{1}{3}$	$\frac{42}{85}$	$\Phi_{510}^2\ \Phi_{255}\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
16110	508	750	$\frac{2}{125}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{123}{250}$	$\Phi_{750}^2\ \Phi_{150}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
16111	508	153	$\frac{1}{51}$	$\frac{26}{153}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{153}^4\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
16112	508	1240	$\frac{3}{124}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{121}{248}$	$\Phi_{1240}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
16113	508	234	$\frac{1}{39}$	$\frac{10}{117}$	$\frac{107}{234}$	$\frac{19}{39}$	$\Phi_{234}^4\ \Phi_{78}^4\ \Phi_{39}\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
16114	508	351	$\frac{1}{39}$	$\frac{20}{117}$	$\frac{97}{351}$	$\frac{19}{39}$	$\Phi_{351}^2\ \Phi_{39}\ \Phi_{27}^2\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
16115	508	156	$\frac{1}{39}$	$\frac{29}{156}$	$\frac{10}{39}$	$\frac{19}{39}$	$\Phi_{156}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}\ \Phi_{26}^4\ \Phi_{13}\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
16116	508	495	$\frac{13}{495}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{241}{495}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
16117	508	247	$\frac{7}{247}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{120}{247}$	$\Phi_{247}^2\ \Phi_{19}^2\ \Phi_{13}^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
16118	508	240	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{113}{240}$	$\Phi_{240}^4\ \Phi_{80}^4\ \Phi_{48}^4\ \Phi_{16}^4\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
16119	508	240	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{113}{240}$	$\Phi_{240}^4\ \Phi_{80}^4\ \Phi_{48}^4\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{10}$
16120	508	408	$\frac{1}{17}$	$\frac{9}{136}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{408}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
16121	508	135	$\frac{8}{135}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{135}^4\ \Phi_{45}^4\ \Phi_{27}^4\ \Phi_{15}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
16122	508	714	$\frac{1}{17}$	$\frac{8}{119}$	$\frac{1}{3}$	$\frac{111}{238}$	$\Phi_{714}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{42}^2\ \Phi_6^2$
16123	508	234	$\frac{1}{13}$	$\frac{10}{117}$	$\frac{3}{13}$	$\frac{107}{234}$	$\Phi_{234}^4\ \Phi_{78}^4\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}^3\ \Phi_6^4\ \Phi_2^4\ \Phi_1^4$
16124	508	459	$\frac{2}{51}$	$\frac{49}{459}$	$\frac{1}{3}$	$\frac{205}{459}$	$\Phi_{459}\ \Phi_{153}\ \Phi_{51}^2\ \Phi_{27}\ \Phi_{17}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
16125	508	156	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{29}{156}$	$\frac{23}{52}$	$\Phi_{156}^4\ \Phi_{78}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{13}^3\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
16126	508	455	$\frac{1}{13}$	$\frac{53}{455}$	$\frac{12}{65}$	$\frac{201}{455}$	$\Phi_{455}\ \Phi_{91}\ \Phi_{65}^2\ \Phi_{35}\ \Phi_{13}\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
16127	508	1120	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1}{5}$	$\frac{97}{224}$	$\Phi_{1120}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
16128	508	390	$\frac{3}{130}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
16129	508	208	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{104}$	$\frac{81}{208}$	$\Phi_{208}^4\ \Phi_{26}^4\ \Phi_{16}^4\ \Phi_{13}^3\ \Phi_2^4\ \Phi_1^4$
16130	508	204	$\frac{1}{51}$	$\frac{25}{102}$	$\frac{1}{3}$	$\frac{77}{204}$	$\Phi_{204}^4\ \Phi_{68}^4\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
16131	508	195	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{59}{195}$	$\frac{68}{195}$	$\Phi_{195}^2\ \Phi_{65}^4\ \Phi_{39}^2\ \Phi_{15}^2\ \Phi_{13}^3\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
16132	508	960	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{31}{96}$	$\frac{65}{192}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
16133	508	129	$\frac{2}{129}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{129}^4\ \Phi_{43}^4\ \Phi_3\ \Phi_1^2$
16134	508	189	$\frac{1}{63}$	$\frac{62}{189}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{189}^4\ \Phi_{27}^4\ \Phi_3\ \Phi_1^2$
16135	508	168	$\frac{1}{42}$	$\frac{41}{168}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{168}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
16136	508	261	$\frac{7}{261}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{261}^2\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_3\ \Phi_1^2$
16137	508	315	$\frac{2}{63}$	$\frac{61}{315}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
16138	508	132	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{132}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{12}^4\ \Phi_{11}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
16139	508	399	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{399}\ \Phi_{133}^2\ \Phi_{57}\ \Phi_{19}^2\ \Phi_3\ \Phi_1^2$
16140	508	147	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{147}^4\ \Phi_{49}^4\ \Phi_3\ \Phi_1^2$
16141	508	144	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{144}^4\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
16142	508	135	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{135}^4\ \Phi_{45}^4\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
16143	508	273	$\frac{19}{273}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{273}^2\ \Phi_{91}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
16144	508	420	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{15}$ $\Phi_{12}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
16145	508	375	$\frac{4}{125}$	$\frac{1}{5}$	$\frac{121}{375}$	$\frac{1}{3}$	$\Phi_{375}\ \Phi_{125}^2\ \Phi_{75}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
16146	508	153	$\frac{2}{51}$	$\frac{26}{153}$	$\frac{49}{153}$	$\frac{1}{3}$	$\Phi_{153}^3\ \Phi_{51}^4\ \Phi_{17}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
16147	508	180	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{53}{180}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
16148	508	135	$\frac{8}{135}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{135}^4\ \Phi_{45}^3\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
16149	508	357	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{103}{357}$	$\frac{1}{3}$	$\Phi_{357}\ \Phi_{119}^2\ \Phi_{51}^2\ \Phi_{21}\ \Phi_{17}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
16150	508	150	$\frac{1}{15}$	$\frac{23}{150}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{150}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
16151	508	165	$\frac{13}{165}$	$\frac{2}{15}$	$\frac{38}{165}$	$\frac{1}{3}$	$\Phi_{165}^3\ \Phi_{55}^3\ \Phi_{33}^3\ \Phi_{15}^4\ \Phi_{11}^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
16152	508	825	$\frac{21}{275}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{825}\ \Phi_{165}\ \Phi_{33}\ \Phi_{15}$
16153	508	150	$\frac{2}{25}$	$\frac{23}{150}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{150}^4\ \Phi_{75}^2\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
16154	508	720	$\frac{17}{144}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
16155	508	156	$\frac{1}{13}$	$\frac{29}{156}$	$\frac{3}{13}$	$\frac{10}{39}$	$\Phi_{156}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{13}^3\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
16156	508	169	$\frac{9}{169}$	$\frac{40}{169}$	$\frac{42}{169}$	$\frac{43}{169}$	$\Phi_{169}^3\ \Phi_{13}^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
16157	508	160	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{5}$	$\frac{33}{160}$	$\Phi_{160}^4\ \Phi_{80}^4\ \Phi_{40}\ \Phi_{32}^4\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{10}$
16158	509	1008	$\frac{5}{504}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{499}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
16159	509	992	$\frac{13}{496}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{483}{992}$	$\Phi_{992}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
16160	509	960	$\frac{29}{480}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{451}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
16161	509	896	$\frac{3}{64}$	$\frac{61}{448}$	$\frac{1}{4}$	$\frac{387}{896}$	$\Phi_{896}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
16162	509	672	$\frac{5}{168}$	$\frac{163}{672}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{112}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
16163	509	528	$\frac{19}{528}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
16164	509	576	$\frac{5}{72}$	$\frac{67}{576}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
16165	509	560	$\frac{5}{56}$	$\frac{51}{560}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
16166	509	768	$\frac{3}{128}$	$\frac{1}{4}$	$\frac{125}{384}$	$\frac{259}{768}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
16167	509	576	$\frac{3}{32}$	$\frac{67}{576}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
16168	509	640	$\frac{3}{32}$	$\frac{29}{160}$	$\frac{131}{640}$	$\frac{1}{4}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
16169	510	808	$\frac{1}{101}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{50}{101}$	$\Phi_{808}\ \Phi_{101}\ \Phi_8^2\ \Phi_1^2$
16170	510	840	$\frac{1}{84}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{83}{168}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}^2\ \Phi_{120}\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
16171	510	168	$\frac{1}{84}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{83}{168}$	$\Phi_{168}^6\ \Phi_{56}^6\ \Phi_{24}^6\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
16172	510	228	$\frac{1}{57}$	$\frac{1}{4}$	$\frac{29}{114}$	$\frac{28}{57}$	$\Phi_{228}^3\ \Phi_{114}\ \Phi_{76}^3\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{19}^2\ \Phi_{12}^3\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
16173	510	900	$\frac{1}{50}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{49}{100}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{180}\ \Phi_{100}^2\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
16174	510	300	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{300}^3\ \Phi_{100}^4\ \Phi_{60}^3\ \Phi_{20}^4\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
16175	510	1488	$\frac{7}{248}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{241}{496}$	$\Phi_{1488}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
16176	510	924	$\frac{1}{33}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{16}{33}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{132}\ \Phi_{84}\ \Phi_{44}\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{12}\ \Phi_{11}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
16177	510	231	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{16}{33}$	$\Phi_{231}^2\ \Phi_{77}^2\ \Phi_{33}^3\ \Phi_{21}^2\ \Phi_{11}^3\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
16178	510	132	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{132}^5\ \Phi_{66}^2\ \Phi_{44}^5\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{12}^7\ \Phi_{11}^3\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
16179	510	928	$\frac{1}{29}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{14}{29}$	$\Phi_{928}\ \Phi_{32}^2\ \Phi_{29}\ \Phi_1^2$
16180	510	696	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{14}{29}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{29}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
16181	510	580	$\frac{1}{29}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{580}\ \Phi_{290}\ \Phi_{145}\ \Phi_{29}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
16182	510	509	$\frac{21}{509}$	$\frac{53}{509}$	$\frac{152}{509}$	$\frac{244}{509}$	$\Phi_{509}\ \Phi_1^2$
16183	510	618	$\frac{5}{103}$	$\frac{1}{6}$	$\frac{18}{103}$	$\frac{49}{103}$	$\Phi_{618}\ \Phi_{309}\ \Phi_{206}$
16184	510	509	$\frac{25}{509}$	$\frac{84}{509}$	$\frac{89}{509}$	$\frac{242}{509}$	$\Phi_{509}\ \Phi_1^2$
16185	510	324	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{77}{162}$	$\Phi_{324}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{18}\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
16186	510	76	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{76}^9\ \Phi_{38}^9\ \Phi_4^8\ \Phi_2^8$
16187	510	96	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{96}^{15}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
16188	510	928	$\frac{1}{16}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{15}{32}$	$\Phi_{928}\ \Phi_{32}^2\ \Phi_{29}\ \Phi_1^2$
16189	510	352	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{352}^3\ \Phi_{44}\ \Phi_{22}$
16190	510	928	$\frac{1}{16}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{15}{32}$	$\Phi_{928}\ \Phi_{32}^2\ \Phi_{29}\ \Phi_1^2$
16191	510	672	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{672}^2\ \Phi_{224}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
16192	510	252	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{252}^4\ \Phi_{84}^3\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
16193	510	308	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{13}{28}$	$\Phi_{308}^3\ \Phi_{44}^3\ \Phi_{28}^4\ \Phi_{22}^2\ \Phi_{11}\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
16194	510	225	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{8}{25}$	$\frac{4}{9}$	$\Phi_{225}^2\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{25}^4\ \Phi_{15}^2\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
16195	510	36	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{36}^{19}\ \Phi_{18}^{9}\ \Phi_{12}^{19}\ \Phi_{9}^{10}\ \Phi_{6}^{9}\ \Phi_{4}^{18}\ \Phi_{3}^{10}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
16196	510	495	$\frac{4}{55}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}^{2}\ \Phi_{33}\ \Phi_{11}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
16197	510	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{4}{9}$	$\Phi_{180}^{3}\ \Phi_{90}^{2}\ \Phi_{60}^{3}\ \Phi_{45}^{2}\ \Phi_{36}^{3}\ \Phi_{30}^{2}\ \Phi_{20}^{6}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
16198	510	152	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{1}{4}$	$\frac{67}{152}$	$\Phi_{152}^{6}\ \Phi_{76}\ \Phi_{38}\ \Phi_{8}^{6}$
16199	510	930	$\frac{1}{31}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{930}\ \Phi_{310}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
16200	510	240	$\frac{1}{16}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{240}^{2}\ \Phi_{120}^{2}\ \Phi_{80}^{3}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{40}^{3}\ \Phi_{24}^{2}\ \Phi_{20}^{3}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
16201	510	509	$\frac{17}{509}$	$\frac{69}{509}$	$\frac{164}{509}$	$\frac{220}{509}$	$\Phi_{509}\ \Phi_{1}^{2}$
16202	510	1344	$\frac{1}{32}$	$\frac{31}{224}$	$\frac{1}{3}$	$\frac{193}{448}$	$\Phi_{1344}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
16203	510	336	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{112}\ \Phi_{84}^{2}\ \Phi_{56}\ \Phi_{48}^{2}\ \Phi_{42}^{2}\ \Phi_{28}\ \Phi_{24}^{2}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
16204	510	558	$\frac{1}{18}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{558}\ \Phi_{279}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
16205	510	744	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{744}\ \Phi_{248}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
16206	510	509	$\frac{24}{509}$	$\frac{97}{509}$	$\frac{101}{509}$	$\frac{206}{509}$	$\Phi_{509}\ \Phi_{1}^{2}$
16207	510	228	$\frac{2}{57}$	$\frac{11}{57}$	$\frac{1}{4}$	$\frac{23}{57}$	$\Phi_{228}^{3}\ \Phi_{114}^{3}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
16208	510	435	$\frac{2}{87}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{435}\ \Phi_{145}\ \Phi_{87}^{2}\ \Phi_{29}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
16209	510	630	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{41}{126}$	$\frac{2}{5}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{126}^{2}\ \Phi_{90}\ \Phi_{63}^{2}\ \Phi_{45}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
16210	510	440	$\frac{3}{88}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}^{2}\ \Phi_{55}\ \Phi_{44}^{2}\ \Phi_{40}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
16211	510	560	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{27}{112}$	$\frac{2}{5}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{112}^{2}\ \Phi_{80}\ \Phi_{56}^{2}\ \Phi_{40}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
16212	510	105	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{105}^{4}\ \Phi_{35}^{4}\ \Phi_{21}^{8}\ \Phi_{15}^{4}\ \Phi_{7}^{8}\ \Phi_{5}^{5}\ \Phi_{3}^{8}\ \Phi_{1}^{10}$
16213	510	90	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{90}^{5}\ \Phi_{45}^{5}\ \Phi_{30}^{4}\ \Phi_{18}^{10}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{10}\ \Phi_{6}^{8}\ \Phi_{5}^{5}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
16214	510	80	$\frac{1}{16}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{80}^{7}\ \Phi_{40}^{7}\ \Phi_{20}^{5}\ \Phi_{16}^{6}\ \Phi_{10}^{5}\ \Phi_{8}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
16215	510	455	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{455}\ \Phi_{91}^{2}\ \Phi_{65}\ \Phi_{13}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
16216	510	490	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{490}\ \Phi_{245}\ \Phi_{98}^{2}\ \Phi_{49}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
16217	510	480	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}^{2}\ \Phi_{80}\ \Phi_{48}^{2}\ \Phi_{40}\ \Phi_{32}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
16218	510	112	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{112}^{5}\ \Phi_{56}^{5}\ \Phi_{28}^{3}\ \Phi_{16}^{4}\ \Phi_{14}^{5}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{4}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
16219	510	312	$\frac{1}{52}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{312}^{4}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}^{3}\ \Phi_{12}\ \Phi_{6}$
16220	510	808	$\frac{2}{101}$	$\frac{1}{4}$	$\frac{33}{101}$	$\frac{3}{8}$	$\Phi_{808}\ \Phi_{101}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
16221	510	280	$\frac{1}{35}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^{3}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}^{3}\ \Phi_{40}^{3}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
16222	510	808	$\frac{5}{101}$	$\frac{16}{101}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{808}\ \Phi_{101}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
16223	510	504	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^{2}\ \Phi_{168}^{2}\ \Phi_{126}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
16224	510	616	$\frac{5}{56}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}$
16225	510	509	$\frac{19}{509}$	$\frac{98}{509}$	$\frac{137}{509}$	$\frac{186}{509}$	$\Phi_{509}\ \Phi_{1}^{2}$
16226	510	558	$\frac{1}{18}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{558}\ \Phi_{279}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
16227	510	286	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{286}^{3}\ \Phi_{143}\ \Phi_{22}^{3}$
16228	510	509	$\frac{26}{509}$	$\frac{67}{509}$	$\frac{161}{509}$	$\frac{174}{509}$	$\Phi_{509}\ \Phi_{1}^{2}$
16229	510	618	$\frac{4}{103}$	$\frac{1}{6}$	$\frac{33}{103}$	$\frac{35}{103}$	$\Phi_{618}\ \Phi_{309}\ \Phi_{206}$
16230	510	384	$\frac{1}{64}$	$\frac{21}{64}$	$\frac{1}{3}$	$\frac{43}{128}$	$\Phi_{384}^{3}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
16231	510	348	$\frac{2}{87}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{348}^{2}\ \Phi_{174}^{2}\ \Phi_{116}^{2}\ \Phi_{58}^{2}\ \Phi_{12}\ \Phi_{6}$
16232	510	252	$\frac{1}{42}$	$\frac{1}{4}$	$\frac{41}{126}$	$\frac{1}{3}$	$\Phi_{252}^{4}\ \Phi_{126}^{2}\ \Phi_{63}^{2}\ \Phi_{36}^{4}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
16233	510	150	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{150}^4\ \Phi_{75}^2\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_6^6\ \Phi_5^4\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
16234	510	768	$\frac{13}{256}$	$\frac{35}{256}$	$\frac{81}{256}$	$\frac{1}{3}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
16235	510	96	$\frac{1}{16}$	$\frac{11}{96}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{96}^6\ \Phi_{48}^4\ \Phi_{32}^6\ \Phi_{24}^4\ \Phi_{16}^6\ \Phi_{12}^4\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
16236	510	48	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{48}^9\ \Phi_{24}^8\ \Phi_{16}^{16}\ \Phi_{12}^8\ \Phi_8^{14}\ \Phi_6^8\ \Phi_4^{14}\ \Phi_3^7\ \Phi_2^{14}\ \Phi_1^{14}$
16237	510	126	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{126}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{21}^2\ \Phi_{18}^6\ \Phi_{14}^4\ \Phi_9^6\ \Phi_7^4\ \Phi_6^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
16238	510	768	$\frac{11}{256}$	$\frac{49}{256}$	$\frac{69}{256}$	$\frac{1}{3}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
16239	510	264	$\frac{3}{88}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{264}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
16240	510	336	$\frac{1}{28}$	$\frac{27}{112}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
16241	510	84	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^8\ \Phi_{42}^8\ \Phi_{28}^8\ \Phi_{14}^8\ \Phi_{12}^9\ \Phi_6^9\ \Phi_4^8\ \Phi_2^8$
16242	510	36	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{36}^{20}\ \Phi_{18}^{10}\ \Phi_{12}^{17}\ \Phi_9^{10}\ \Phi_6^9\ \Phi_4^{16}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
16243	510	240	$\frac{1}{16}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{60}^3\ \Phi_{48}\ \Phi_{30}^3\ \Phi_{24}\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
16244	510	1092	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{156}\ \Phi_{78}\ \Phi_{12}\ \Phi_6$
16245	510	588	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}^2\ \Phi_{294}\ \Phi_{147}\ \Phi_{12}\ \Phi_6$
16246	510	96	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{96}^6\ \Phi_{48}^6\ \Phi_{32}^6\ \Phi_{24}^6\ \Phi_{16}^6\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
16247	510	168	$\frac{5}{56}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^5\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{24}^5\ \Phi_{21}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
16248	510	756	$\frac{2}{21}$	$\frac{19}{189}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{126}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
16249	510	192	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{3}$	$\Phi_{192}^5\ \Phi_{96}^5\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
16250	510	330	$\frac{4}{55}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{330}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
16251	510	60	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{60}^9\ \Phi_{30}^6\ \Phi_{20}^{12}\ \Phi_{15}^6\ \Phi_{12}^9\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^8\ \Phi_4^{12}\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
16252	510	696	$\frac{2}{29}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{9}{29}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{29}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
16253	510	580	$\frac{2}{29}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{580}\ \Phi_{290}\ \Phi_{145}\ \Phi_{29}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
16254	510	972	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{73}{243}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
16255	510	756	$\frac{19}{189}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
16256	510	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{264}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{44}\ \Phi_{33}^3\ \Phi_{22}$
16257	510	696	$\frac{1}{8}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{7}{24}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{29}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
16258	510	168	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{14}^5\ \Phi_7^4$
16259	510	154	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{22}$	$\frac{2}{7}$	$\Phi_{154}^4\ \Phi_{77}^2\ \Phi_{22}^6\ \Phi_{14}^4\ \Phi_{11}^3\ \Phi_7^4\ \Phi_2^6\ \Phi_1^6$
16260	510	720	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}$
16261	510	228	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{1}{4}$	$\frac{29}{114}$	$\Phi_{228}^4\ \Phi_{114}^2\ \Phi_{76}\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
16262	510	220	$\frac{1}{11}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{220}^3\ \Phi_{110}^3\ \Phi_{55}^3\ \Phi_{44}\ \Phi_{22}$
16263	510	132	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{132}^6\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{12}^8\ \Phi_{11}\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^2$
16264	510	108	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{108}$	$\frac{1}{4}$	$\Phi_{108}^4\ \Phi_{54}^4\ \Phi_{36}^5\ \Phi_{27}^6\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^6\ \Phi_6^5\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
16265	510	704	$\frac{1}{11}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{704}\ \Phi_{352}\ \Phi_{44}\ \Phi_{22}$
16266	510	580	$\frac{4}{29}$	$\frac{3}{20}$	$\frac{5}{29}$	$\frac{1}{4}$	$\Phi_{580}\ \Phi_{290}\ \Phi_{145}\ \Phi_{29}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
16267	510	420	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}\ \Phi_{105}^2\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
16268	511	816	$\frac{1}{102}$	$\frac{103}{408}$	$\frac{305}{816}$	$\frac{101}{204}$	$\Phi_{816}\ \Phi_{272}\ \Phi_{204}\ \Phi_{68}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
16269	511	684	$\frac{2}{171}$	$\frac{173}{684}$	$\frac{1}{3}$	$\frac{169}{342}$	$\Phi_{684}\ \Phi_{228}\ \Phi_{171}\ \Phi_{76}\ \Phi_{57}\ \Phi_{36}\ \Phi_{19}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
16270	511	144	$\frac{1}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{71}{144}$	$\Phi_{144}^7\ \Phi_{48}^7\ \Phi_{16}^7\ \Phi_{12}\ \Phi_4\ \Phi_1$
16271	511	144	$\frac{1}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{71}{144}$	$\Phi_{144}^7\ \Phi_{48}^7\ \Phi_{16}^7\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
16272	511	1000	$\frac{11}{500}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{489}{1000}$	$\Phi_{1000}\ \Phi_{200}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
16273	511	136	$\frac{1}{34}$	$\frac{5}{68}$	$\frac{63}{136}$	$\frac{33}{68}$	$\Phi_{136}^7\ \Phi_{68}\ \Phi_8^7\ \Phi_4\ \Phi_1$
16274	511	960	$\frac{1}{30}$	$\frac{31}{480}$	$\frac{449}{960}$	$\frac{29}{60}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
16275	511	720	$\frac{1}{30}$	$\frac{31}{240}$	$\frac{209}{720}$	$\frac{29}{60}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
16276	511	600	$\frac{1}{30}$	$\frac{89}{600}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
16277	511	570	$\frac{2}{57}$	$\frac{59}{570}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{95}\ \Phi_{57}\ \Phi_{30}\ \Phi_{19}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
16278	511	972	$\frac{25}{486}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{461}{972}$	$\Phi_{972}\ \Phi_{324}\ \Phi_{108}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
16279	511	960	$\frac{31}{480}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{449}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
16280	511	136	$\frac{5}{68}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{63}{136}$	$\Phi_{136}^7\ \Phi_{17}^2\ \Phi_8^7\ \Phi_1^3$
16281	511	540	$\frac{29}{540}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
16282	511	600	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{89}{600}$	$\frac{9}{20}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
16283	511	912	$\frac{2}{57}$	$\frac{55}{456}$	$\frac{1}{3}$	$\frac{401}{912}$	$\Phi_{912}\ \Phi_{304}\ \Phi_{57}\ \Phi_{48}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
16284	511	90	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{17}{90}$	$\frac{13}{30}$	$\Phi_{90}^7\ \Phi_{45}^7\ \Phi_{18}^7\ \Phi_{15}^6\ \Phi_9^7\ \Phi_5^6\ \Phi_3^6\ \Phi_1^7$
16285	511	900	$\frac{1}{30}$	$\frac{61}{450}$	$\frac{29}{90}$	$\frac{389}{900}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{180}\ \Phi_{100}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
16286	511	900	$\frac{1}{15}$	$\frac{61}{450}$	$\frac{14}{75}$	$\frac{389}{900}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{180}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
16287	511	720	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{209}{720}$	$\frac{151}{360}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
16288	511	300	$\frac{2}{75}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{300}^3\ \Phi_{100}^3\ \Phi_{75}\ \Phi_{60}^3\ \Phi_{25}\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
16289	511	108	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{35}{108}$	$\frac{5}{12}$	$\Phi_{108}^7\ \Phi_{54}^7\ \Phi_{27}^7\ \Phi_{12}\ \Phi_4\ \Phi_1$
16290	511	528	$\frac{17}{528}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
16291	511	228	$\frac{3}{76}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^3\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
16292	511	96	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{23}{96}$	$\frac{5}{12}$	$\Phi_{96}^7\ \Phi_{48}^7\ \Phi_{32}^7\ \Phi_{16}^7\ \Phi_{12}\ \Phi_4\ \Phi_1$
16293	511	540	$\frac{29}{540}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
16294	511	180	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{17}{90}$	$\frac{5}{12}$	$\Phi_{180}^6\ \Phi_{90}\ \Phi_{60}^6\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}^6\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
16295	511	156	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{156}^6\ \Phi_{78}\ \Phi_{52}^6\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
16296	511	84	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{84}^7\ \Phi_{42}^7\ \Phi_{28}^7\ \Phi_{21}^7\ \Phi_{14}^7\ \Phi_{12}\ \Phi_7^7\ \Phi_4\ \Phi_1$
16297	511	240	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^3\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
16298	511	576	$\frac{7}{72}$	$\frac{65}{576}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
16299	511	324	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{324}^3\ \Phi_{108}^3\ \Phi_{81}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
16300	511	600	$\frac{1}{15}$	$\frac{89}{600}$	$\frac{14}{75}$	$\frac{61}{150}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
16301	511	120	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{47}{120}$	$\Phi_{120}^7\ \Phi_{40}^7\ \Phi_{24}^7\ \Phi_{15}^6\ \Phi_8^7\ \Phi_5^6\ \Phi_3^6\ \Phi_1^7$
16302	511	522	$\frac{11}{522}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{522}\ \Phi_{261}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}\ \Phi_{29}\ \Phi_9\ \Phi_1$
16303	511	80	$\frac{7}{80}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{80}^6\ \Phi_{40}^7\ \Phi_{20}^7\ \Phi_{16}^6\ \Phi_{10}^6\ \Phi_8^7\ \Phi_5^6\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
16304	511	816	$\frac{1}{34}$	$\frac{33}{136}$	$\frac{103}{408}$	$\frac{305}{816}$	$\Phi_{816}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
16305	511	780	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{121}{390}$	$\frac{269}{780}$	$\Phi_{780}\ \Phi_{260}\ \Phi_{156}\ \Phi_{130}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
16306	511	225	$\frac{2}{75}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{225}^3\ \Phi_{75}\ \Phi_{45}^3\ \Phi_{25}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
16307	511	108	$\frac{1}{36}$	$\frac{2}{9}$	$\frac{35}{108}$	$\frac{1}{3}$	$\Phi_{108}^7\ \Phi_{54}^7\ \Phi_{27}^7\ \Phi_9\ \Phi_1$
16308	511	81	$\frac{2}{27}$	$\frac{8}{81}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{81}^6\ \Phi_{27}^7\ \Phi_9^7\ \Phi_3^6\ \Phi_1^7$
16309	511	729	$\frac{2}{27}$	$\frac{25}{243}$	$\frac{218}{729}$	$\frac{1}{3}$	$\Phi_{729}\ \Phi_{27}\ \Phi_9\ \Phi_1$
16310	511	684	$\frac{2}{57}$	$\frac{55}{228}$	$\frac{173}{684}$	$\frac{1}{3}$	$\Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{57}\ \Phi_{36}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_1$
16311	511	684	$\frac{3}{76}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_9\ \Phi_1$
16312	511	288	$\frac{1}{24}$	$\frac{2}{9}$	$\frac{23}{96}$	$\frac{1}{3}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_9\ \Phi_1$
16313	511	540	$\frac{29}{540}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
16314	511	90	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{90}^7\ \Phi_{45}^7\ \Phi_{30}^7\ \Phi_{15}^7\ \Phi_{10}^7\ \Phi_9\ \Phi_5^7\ \Phi_1$
16315	511	234	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{234}^3\ \Phi_{117}^3\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_9\ \Phi_1$
16316	511	252	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}\ \Phi_{63}^3\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
16317	511	720	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
16318	511	576	$\frac{7}{72}$	$\frac{65}{576}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_9\ \Phi_1$
16319	511	81	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{81}^7\ \Phi_{27}^7\ \Phi_9\ \Phi_1$
16320	511	648	$\frac{2}{27}$	$\frac{25}{162}$	$\frac{137}{648}$	$\frac{1}{3}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
16321	511	85	$\frac{2}{17}$	$\frac{12}{85}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{85}^7\ \Phi_{17}^2\ \Phi_5^7\ \Phi_1^3$
16322	511	720	$\frac{1}{10}$	$\frac{31}{240}$	$\frac{9}{40}$	$\frac{209}{720}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
16323	511	102	$\frac{2}{17}$	$\frac{5}{34}$	$\frac{3}{17}$	$\frac{29}{102}$	$\Phi_{102}^7\ \Phi_{51}^7\ \Phi_{17}^2\ \Phi_6^7\ \Phi_3^7\ \Phi_1^3$
16324	511	675	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{164}{675}$	$\frac{61}{225}$	$\Phi_{675}\ \Phi_{135}\ \Phi_{75}\ \Phi_{27}\ \Phi_{25}\ \Phi_1$
16325	511	600	$\frac{1}{10}$	$\frac{89}{600}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
16326	511	640	$\frac{1}{10}$	$\frac{31}{160}$	$\frac{129}{640}$	$\frac{9}{40}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{128}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
16327	512	381	$\frac{1}{127}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{63}{127}$	$\Phi_{381}\ \Phi_{127}^2\ \Phi_3^2\ \Phi_1^4$
16328	512	511	$\frac{5}{511}$	$\frac{129}{511}$	$\frac{191}{511}$	$\frac{253}{511}$	$\Phi_{511}\ \Phi_{73}\ \Phi_7\ \Phi_1^2$
16329	512	771	$\frac{3}{257}$	$\frac{65}{257}$	$\frac{1}{3}$	$\frac{127}{257}$	Φ_{771}
16330	512	219	$\frac{1}{73}$	$\frac{37}{219}$	$\frac{91}{219}$	$\frac{36}{73}$	$\Phi_{219}^2\ \Phi_{73}^3\ \Phi_3^2\ \Phi_1^4$
16331	512	63	$\frac{1}{63}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{31}{63}$	$\Phi_{63}^8\ \Phi_{21}^8\ \Phi_9^8\ \Phi_7^9\ \Phi_3^8\ \Phi_1^{10}$
16332	512	315	$\frac{1}{63}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{31}{63}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{15}^3\ \Phi_5^2$
16333	512	511	$\frac{9}{511}$	$\frac{65}{511}$	$\frac{223}{511}$	$\frac{251}{511}$	$\Phi_{511}\ \Phi_{73}\ \Phi_7\ \Phi_1^2$
16334	512	215	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{11}{43}$	$\frac{21}{43}$	$\Phi_{215}^3\ \Phi_5^2$
16335	512	511	$\frac{13}{511}$	$\frac{95}{511}$	$\frac{131}{511}$	$\frac{249}{511}$	$\Phi_{511}\ \Phi_{73}\ \Phi_7\ \Phi_1^2$
16336	512	771	$\frac{7}{257}$	$\frac{33}{257}$	$\frac{1}{3}$	$\frac{125}{257}$	Φ_{771}
16337	512	465	$\frac{1}{31}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{15}{31}$	$\Phi_{465}\ \Phi_{155}\ \Phi_{93}\ \Phi_{31}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
16338	512	279	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{279}^2\ \Phi_{93}\ \Phi_{31}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
16339	512	155	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{15}{31}$	$\Phi_{155}^3\ \Phi_{31}^4\ \Phi_5^6\ \Phi_1^8$
16340	512	511	$\frac{17}{511}$	$\frac{33}{511}$	$\frac{239}{511}$	$\frac{247}{511}$	$\Phi_{511}\ \Phi_{73}\ \Phi_7\ \Phi_1^2$
16341	512	585	$\frac{3}{65}$	$\frac{1}{9}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{117}\ \Phi_{45}\ \Phi_{39}\ \Phi_{15}$
16342	512	511	$\frac{25}{511}$	$\frac{67}{511}$	$\frac{111}{511}$	$\frac{243}{511}$	$\Phi_{511}\ \Phi_{73}\ \Phi_7\ \Phi_1^2$
16343	512	645	$\frac{7}{129}$	$\frac{17}{129}$	$\frac{1}{5}$	$\frac{61}{129}$	$\Phi_{645}\ \Phi_{215}\ \Phi_{15}$
16344	512	511	$\frac{29}{511}$	$\frac{47}{511}$	$\frac{135}{511}$	$\frac{241}{511}$	$\Phi_{511}\ \Phi_{73}\ \Phi_7\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
16345	512	771	$\frac{15}{257}$	$\frac{17}{257}$	$\frac{1}{3}$	$\frac{121}{257}$	Φ_{771}
16346	512	255	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{255}^2\ \Phi_{85}^2\ \Phi_{51}^3\ \Phi_{17}^2$
16347	512	465	$\frac{1}{15}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{7}{15}$	$\Phi_{465}\ \Phi_{155}\ \Phi_{93}\ \Phi_{31}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
16348	512	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{45}^{13}\ \Phi_{15}^9\ \Phi_9^{12}\ \Phi_5^8\ \Phi_3^8\ \Phi_1^8$
16349	512	117	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{117}^5\ \Phi_{39}^3\ \Phi_{13}^4\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
16350	512	187	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{187}^3\ \Phi_{17}^2$
16351	512	73	$\frac{5}{73}$	$\frac{7}{73}$	$\frac{17}{73}$	$\frac{33}{73}$	$\Phi_{73}^7\ \Phi_1^8$
16352	512	73	$\frac{7}{73}$	$\frac{9}{73}$	$\frac{10}{73}$	$\frac{33}{73}$	$\Phi_{73}^7\ \Phi_1^8$
16353	512	585	$\frac{7}{65}$	$\frac{1}{9}$	$\frac{9}{65}$	$\frac{29}{65}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{117}\ \Phi_{45}\ \Phi_{39}\ \Phi_{15}$
16354	512	511	$\frac{55}{511}$	$\frac{57}{511}$	$\frac{71}{511}$	$\frac{227}{511}$	$\Phi_{511}\ \Phi_{73}\ \Phi_7\ \Phi_1^2$
16355	512	215	$\frac{3}{43}$	$\frac{5}{43}$	$\frac{1}{5}$	$\frac{19}{43}$	$\Phi_{215}^3\ \Phi_5^2$
16356	512	511	$\frac{23}{511}$	$\frac{61}{511}$	$\frac{143}{511}$	$\frac{225}{511}$	$\Phi_{511}\ \Phi_{73}\ \Phi_7\ \Phi_1^2$
16357	512	771	$\frac{9}{257}$	$\frac{31}{257}$	$\frac{1}{3}$	$\frac{113}{257}$	Φ_{771}
16358	512	231	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{231}^2\ \Phi_{77}^2\ \Phi_{33}^4\ \Phi_{21}\ \Phi_{11}^4\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
16359	512	189	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{61}{189}$	$\frac{3}{7}$	$\Phi_{189}^4\ \Phi_{27}^4\ \Phi_7\ \Phi_1^2$
16360	512	133	$\frac{5}{133}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{133}^4\ \Phi_{19}^4\ \Phi_7\ \Phi_1^2$
16361	512	21	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{3}{7}$	$\Phi_{21}^{24}\ \Phi_7^{25}\ \Phi_3^{24}\ \Phi_1^{26}$
16362	512	595	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{595}\ \Phi_{85}^2$
16363	512	273	$\frac{17}{273}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{273}^2\ \Phi_{91}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_1^2$
16364	512	315	$\frac{4}{63}$	$\frac{1}{7}$	$\frac{59}{315}$	$\frac{3}{7}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
16365	512	35	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{35}^{16}\ \Phi_7^9\ \Phi_5^{16}\ \Phi_1^{10}$
16366	512	147	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{147}^4\ \Phi_{49}^4\ \Phi_7\ \Phi_1^2$
16367	512	63	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{63}^7\ \Phi_{21}^7\ \Phi_9^{14}\ \Phi_7^8\ \Phi_3^{14}\ \Phi_1^{16}$
16368	512	561	$\frac{1}{33}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{561}\ \Phi_{187}\ \Phi_{51}$
16369	512	511	$\frac{19}{511}$	$\frac{97}{511}$	$\frac{123}{511}$	$\frac{207}{511}$	$\Phi_{511}\ \Phi_{73}\ \Phi_7\ \Phi_1^2$
16370	512	315	$\frac{3}{35}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{21}^2\ \Phi_{15}$
16371	512	561	$\frac{1}{17}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{561}\ \Phi_{187}\ \Phi_{51}$
16372	512	511	$\frac{39}{511}$	$\frac{59}{511}$	$\frac{113}{511}$	$\frac{199}{511}$	$\Phi_{511}\ \Phi_{73}\ \Phi_7\ \Phi_1^2$
16373	512	117	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{117}^5\ \Phi_{39}^5\ \Phi_9^4\ \Phi_3^4$
16374	512	73	$\frac{5}{73}$	$\frac{9}{73}$	$\frac{17}{73}$	$\frac{28}{73}$	$\Phi_{73}^7\ \Phi_1^8$
16375	512	511	$\frac{27}{511}$	$\frac{79}{511}$	$\frac{121}{511}$	$\frac{195}{511}$	$\Phi_{511}\ \Phi_{73}\ \Phi_7\ \Phi_1^2$
16376	512	645	$\frac{5}{129}$	$\frac{1}{5}$	$\frac{31}{129}$	$\frac{49}{129}$	$\Phi_{645}\ \Phi_{215}\ \Phi_{15}$
16377	512	511	$\frac{11}{511}$	$\frac{125}{511}$	$\frac{159}{511}$	$\frac{193}{511}$	$\Phi_{511}\ \Phi_{73}\ \Phi_7\ \Phi_1^2$
16378	512	771	$\frac{5}{257}$	$\frac{63}{257}$	$\frac{1}{3}$	$\frac{97}{257}$	Φ_{771}
16379	512	195	$\frac{1}{65}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^3\ \Phi_{65}^2\ \Phi_{39}^3\ \Phi_{15}^3\ \Phi_{13}^2\ \Phi_5^2$
16380	512	381	$\frac{3}{127}$	$\frac{31}{127}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{381}\ \Phi_{127}^2\ \Phi_3^2\ \Phi_1^4$
16381	512	165	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}^4\ \Phi_{55}^4\ \Phi_{15}^3\ \Phi_5^2$
16382	512	381	$\frac{7}{127}$	$\frac{15}{127}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{381}\ \Phi_{127}^2\ \Phi_3^2\ \Phi_1^4$
16383	512	153	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{153}^4\ \Phi_{51}^3\ \Phi_{17}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
16384	512	945	$\frac{2}{63}$	$\frac{1}{5}$	$\frac{61}{189}$	$\frac{1}{3}$	$\Phi_{945}\ \Phi_{135}\ \Phi_{15}$
16385	512	765	$\frac{1}{17}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{765}\ \Phi_{153}\ \Phi_{51}$
16386	512	105	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{5}{21}$	$\frac{1}{3}$	$\Phi_{105}^6\ \Phi_{35}^6\ \Phi_{15}^7\ \Phi_5^6$
16387	512	771	$\frac{13}{257}$	$\frac{49}{257}$	$\frac{61}{257}$	$\frac{1}{3}$	Φ_{771}
16388	512	279	$\frac{3}{31}$	$\frac{1}{9}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{279}^2\ \Phi_{93}\ \Phi_{31}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
16389	512	135	$\frac{7}{135}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{135}^4\ \Phi_{45}^3\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
16390	512	771	$\frac{25}{257}$	$\frac{29}{257}$	$\frac{57}{257}$	$\frac{1}{3}$	Φ_{771}
16391	512	255	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{255}^3\ \Phi_{51}^4$
16392	512	105	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^7\ \Phi_{21}^8\ \Phi_{15}^8\ \Phi_3^8$
16393	512	735	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{15}$
16394	512	45	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{45}^{14}\ \Phi_{15}^{15}\ \Phi_5^{14}$
16395	512	45	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{45}^{11}\ \Phi_{15}^{13}\ \Phi_9^{10}\ \Phi_5^{12}\ \Phi_3^{12}\ \Phi_1^{12}$
16396	512	73	$\frac{9}{73}$	$\frac{10}{73}$	$\frac{13}{73}$	$\frac{21}{73}$	$\Phi_{73}^7\ \Phi_1^8$
16397	512	105	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{105}^7\ \Phi_{35}^2\ \Phi_{21}^4\ \Phi_{15}^7\ \Phi_7\ \Phi_5^2\ \Phi_3^4\ \Phi_1^2$
16398	512	225	$\frac{1}{9}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{225}^3\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{25}^2\ \Phi_{15}$
16399	512	215	$\frac{3}{43}$	$\frac{1}{5}$	$\frac{10}{43}$	$\frac{11}{43}$	$\Phi_{215}^3\ \Phi_5^2$
16400	512	155	$\frac{3}{31}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{7}{31}$	$\Phi_{155}^3\ \Phi_{31}^4\ \Phi_5^6\ \Phi_1^8$
16401	512	511	$\frac{51}{511}$	$\frac{99}{511}$	$\frac{103}{511}$	$\frac{115}{511}$	$\Phi_{511}\ \Phi_{73}\ \Phi_7\ \Phi_1^2$
16402	512	645	$\frac{13}{129}$	$\frac{25}{129}$	$\frac{1}{5}$	$\frac{29}{129}$	$\Phi_{645}\ \Phi_{215}\ \Phi_{15}$
16403	512	45	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{45}^{13}\ \Phi_{15}^{13}\ \Phi_9^{12}\ \Phi_3^{12}$
16404	513	688	$\frac{3}{172}$	$\frac{1}{4}$	$\frac{175}{688}$	$\frac{169}{344}$	$\Phi_{688}\ \Phi_{172}\ \Phi_{86}\ \Phi_{43}\ \Phi_{16}\ \Phi_1$
16405	513	112	$\frac{1}{56}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{55}{112}$	$\Phi_{112}\ \Phi_{56}^8\ \Phi_{28}^8\ \Phi_{16}^2\ \Phi_{14}^8\ \Phi_8^8\ \Phi_7^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
16406	513	112	$\frac{1}{56}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{55}{112}$	$\Phi_{112}^9\ \Phi_{16}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
16407	513	468	$\frac{1}{26}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{25}{52}$	$\Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{36}\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
16408	513	1092	$\frac{1}{26}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{84}\ \Phi_{52}\ \Phi_{28}\ \Phi_{21}\ \Phi_7\ \Phi_4\ \Phi_1$
16409	513	1404	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{25}{52}$	$\Phi_{1404}\ \Phi_{108}\ \Phi_{52}\ \Phi_{27}\ \Phi_4\ \Phi_1$
16410	513	312	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{25}{52}$	$\Phi_{312}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}^3\ \Phi_{13}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
16411	513	468	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{17}{36}$	$\Phi_{468}^2\ \Phi_{156}^2\ \Phi_{52}^2\ \Phi_{36}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
16412	513	180	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{180}^2\ \Phi_{90}^4\ \Phi_{60}^2\ \Phi_{45}^4\ \Phi_{36}\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^2\ \Phi_{15}^4\ \Phi_{12}\ \Phi_{10}^5\ \Phi_9^2\ \Phi_6^2\ \Phi_5^5\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
16413	513	208	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{37}{208}$	$\frac{97}{208}$	$\Phi_{208}^2\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{16}^2\ \Phi_{13}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
16414	513	320	$\frac{1}{16}$	$\frac{11}{160}$	$\frac{5}{16}$	$\frac{149}{320}$	$\Phi_{320}^3\ \Phi_{64}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
16415	513	320	$\frac{11}{160}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{149}{320}$	$\Phi_{320}^3\ \Phi_{64}^3\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
16416	513	704	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{191}{704}$	$\frac{161}{352}$	$\Phi_{704}\ \Phi_{176}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
16417	513	112	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{9}{28}$	$\frac{7}{16}$	$\Phi_{112}^8\ \Phi_{28}^2\ \Phi_{16}^9\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
16418	513	80	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{80}^{12}\ \Phi_{20}^3\ \Phi_{16}^9\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
16419	513	560	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{70}$	$\frac{7}{16}$	$\Phi_{560}^2\ \Phi_{80}^2\ \Phi_{70}\ \Phi_{35}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
16420	513	336	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{336}^3\ \Phi_{112}^2\ \Phi_{48}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
16421	513	64	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{64}^9\ \Phi_{32}^9\ \Phi_{16}^2\ \Phi_8^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
16422	513	560	$\frac{47}{560}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
16423	513	224	$\frac{1}{28}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{224}^4\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
16424	513	32	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{32}^{14}\ \Phi_{16}^{18}\ \Phi_8^{18}\ \Phi_4^{18}\ \Phi_2^{18}\ \Phi_1^{19}$
16425	513	832	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{97}{416}$	$\frac{319}{832}$	$\Phi_{832}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
16426	513	176	$\frac{5}{176}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{176}^3\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{16}^3\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
16427	513	168	$\frac{1}{28}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^4\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^4\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
16428	513	160	$\frac{1}{20}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{160}^4\ \Phi_{80}^4\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
16429	513	420	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
16430	513	140	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{140}^4\ \Phi_{70}^4\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{20}^3\ \Phi_{14}\ \Phi_{10}^3\ \Phi_7^3\ \Phi_5^3\ \Phi_4^3\ \Phi_1^3$
16431	513	64	$\frac{1}{16}$	$\frac{7}{64}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{64}^9\ \Phi_{32}^6\ \Phi_{16}^8\ \Phi_8^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
16432	513	172	$\frac{1}{43}$	$\frac{1}{4}$	$\frac{14}{43}$	$\frac{29}{86}$	$\Phi_{172}^4\ \Phi_{86}\ \Phi_{43}^3\ \Phi_4^3\ \Phi_1^3$
16433	513	256	$\frac{1}{64}$	$\frac{21}{64}$	$\frac{85}{256}$	$\frac{43}{128}$	$\Phi_{256}^3\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
16434	513	273	$\frac{1}{13}$	$\frac{2}{21}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{273}^2\ \Phi_{91}^2\ \Phi_{21}^3\ \Phi_{13}^2\ \Phi_7^3\ \Phi_1^3$
16435	513	420	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
16436	513	28	$\frac{1}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{9}{28}$	$\Phi_{28}^{18}\ \Phi_{14}^{18}\ \Phi_7^{18}\ \Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^{21}$
16437	513	128	$\frac{5}{128}$	$\frac{29}{128}$	$\frac{33}{128}$	$\frac{41}{128}$	$\Phi_{128}^4\ \Phi_{64}^4\ \Phi_{32}^4\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
16438	513	172	$\frac{7}{172}$	$\frac{39}{172}$	$\frac{1}{4}$	$\frac{55}{172}$	$\Phi_{172}^3\ \Phi_{86}^3\ \Phi_{43}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
16439	513	80	$\frac{1}{16}$	$\frac{11}{80}$	$\frac{23}{80}$	$\frac{5}{16}$	$\Phi_{80}^6\ \Phi_{40}^6\ \Phi_{20}^6\ \Phi_{16}^8\ \Phi_{10}^6\ \Phi_8^8\ \Phi_5^6\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
16440	513	351	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{4}{13}$	$\Phi_{351}^2\ \Phi_{27}^3\ \Phi_{13}^2\ \Phi_1^3$
16441	513	312	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{4}{13}$	$\Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{24}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_4^3\ \Phi_1^3$
16442	513	540	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{540}^2\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
16443	513	80	$\frac{1}{8}$	$\frac{11}{80}$	$\frac{7}{40}$	$\frac{23}{80}$	$\Phi_{80}^6\ \Phi_{40}^7\ \Phi_{20}^7\ \Phi_{16}^6\ \Phi_{10}^7\ \Phi_8^6\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
16444	513	200	$\frac{1}{8}$	$\frac{29}{200}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{200}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{40}\ \Phi_{25}^3\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
16445	513	20	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{20}^{27}\ \Phi_{10}^{27}\ \Phi_5^{27}\ \Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^{21}$
16446	513	224	$\frac{3}{56}$	$\frac{53}{224}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{224}^3\ \Phi_{112}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
16447	513	140	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^4\ \Phi_{70}^5\ \Phi_{35}^5\ \Phi_{20}^4\ \Phi_{10}^5\ \Phi_5^5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
16448	513	84	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{84}^6\ \Phi_{42}^6\ \Phi_{28}^4\ \Phi_{21}^9\ \Phi_{14}^4\ \Phi_{12}^6\ \Phi_7^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^9\ \Phi_2^6\ \Phi_1^9$
16449	513	196	$\frac{3}{28}$	$\frac{25}{196}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{196}^3\ \Phi_{98}^3\ \Phi_{49}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
16450	513	64	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{64}^9\ \Phi_{32}^9\ \Phi_{16}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
16451	513	120	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{120}^6\ \Phi_{60}^2\ \Phi_{40}^6\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}\ \Phi_{10}^5\ \Phi_8^3\ \Phi_6^2\ \Phi_5^5\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
16452	513	640	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{127}{640}$	$\frac{33}{160}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{128}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
16453	514	510	$\frac{2}{255}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{253}{510}$	$\Phi_{510}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
16454	514	1032	$\frac{1}{86}$	$\frac{87}{344}$	$\frac{1}{3}$	$\frac{85}{172}$	$\Phi_{1032}\ \Phi_{258}\ \Phi_{129}\ \Phi_{24}\ \Phi_6$
16455	514	456	$\frac{1}{57}$	$\frac{29}{228}$	$\frac{199}{456}$	$\frac{28}{57}$	$\Phi_{456}^2\ \Phi_{152}^2\ \Phi_{57}\ \Phi_{24}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
16456	514	342	$\frac{1}{57}$	$\frac{85}{342}$	$\frac{29}{114}$	$\frac{28}{57}$	$\Phi_{342}^2\ \Phi_{171}^2\ \Phi_{57}\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
16457	514	504	$\frac{5}{252}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{247}{504}$	$\Phi_{504}^2\ \Phi_{168}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{24}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
16458	514	504	$\frac{5}{252}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{247}{504}$	$\Phi_{504}^2\ \Phi_{168}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
16459	514	486	$\frac{1}{27}$	$\frac{14}{243}$	$\frac{229}{486}$	$\frac{13}{27}$	$\Phi_{486}^2\ \Phi_{162}^2\ \Phi_{54}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
16460	514	324	$\frac{1}{27}$	$\frac{14}{81}$	$\frac{67}{324}$	$\frac{13}{27}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
16461	514	494	$\frac{10}{247}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{237}{494}$	$\Phi_{494}^2\ \Phi_{38}^2\ \Phi_{26}^2\ \Phi_{19}\ \Phi_2^2\ \Phi_1^2$
16462	514	378	$\frac{5}{126}$	$\frac{1}{9}$	$\frac{121}{378}$	$\frac{4}{9}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
16463	514	270	$\frac{13}{270}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
16464	514	315	$\frac{5}{63}$	$\frac{1}{9}$	$\frac{58}{315}$	$\frac{4}{9}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
16465	514	288	$\frac{31}{288}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
16466	514	456	$\frac{1}{19}$	$\frac{29}{228}$	$\frac{9}{38}$	$\frac{199}{456}$	$\Phi_{456}^2\ \Phi_{152}^2\ \Phi_{38}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
16467	514	264	$\frac{7}{264}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
16468	514	432	$\frac{1}{27}$	$\frac{41}{216}$	$\frac{13}{54}$	$\frac{175}{432}$	$\Phi_{432}^2\ \Phi_{144}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
16469	514	1290	$\frac{1}{43}$	$\frac{42}{215}$	$\frac{1}{3}$	$\frac{173}{430}$	$\Phi_{1290}\ \Phi_{258}\ \Phi_{129}\ \Phi_{30}\ \Phi_6$
16470	514	304	$\frac{1}{19}$	$\frac{47}{304}$	$\frac{9}{38}$	$\frac{29}{76}$	$\Phi_{304}^2\ \Phi_{152}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
16471	514	324	$\frac{1}{27}$	$\frac{67}{324}$	$\frac{13}{54}$	$\frac{41}{108}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
16472	514	405	$\frac{1}{27}$	$\frac{26}{135}$	$\frac{109}{405}$	$\frac{148}{405}$	$\Phi_{405}\ \Phi_{135}^2\ \Phi_{81}\ \Phi_{45}^2\ \Phi_{27}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
16473	514	399	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{115}{399}$	$\frac{142}{399}$	$\Phi_{399}\ \Phi_{133}^2\ \Phi_{57}\ \Phi_{21}\ \Phi_{19}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
16474	514	387	$\frac{2}{129}$	$\frac{127}{387}$	$\frac{1}{3}$	$\frac{130}{387}$	$\Phi_{387}\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
16475	514	306	$\frac{2}{51}$	$\frac{49}{306}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
16476	514	270	$\frac{13}{270}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
16477	514	378	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{121}{378}$	$\frac{1}{3}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
16478	514	270	$\frac{13}{270}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
16479	514	336	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{79}{336}$	$\frac{1}{3}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
16480	514	288	$\frac{31}{288}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
16481	514	294	$\frac{5}{42}$	$\frac{37}{294}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{294}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
16482	514	342	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{85}{342}$	$\frac{29}{114}$	$\Phi_{342}^2\ \Phi_{171}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
16483	515	408	$\frac{1}{102}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{101}{204}$	$\Phi_{408}^2\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{68}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
16484	515	600	$\frac{3}{100}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{97}{200}$	$\Phi_{600}^2\ \Phi_{200}\ \Phi_{120}^2\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
16485	515	192	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{89}{192}$	$\Phi_{192}^5\ \Phi_{64}^5\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
16486	515	336	$\frac{9}{112}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}\ \Phi_{84}^2\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
16487	515	546	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{6}$	$\frac{79}{182}$	$\Phi_{546}\ \Phi_{273}\ \Phi_{91}\ \Phi_{78}^2\ \Phi_{42}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{21}\ \Phi_{13}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
16488	515	840	$\frac{2}{105}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
16489	515	1224	$\frac{1}{51}$	$\frac{1}{4}$	$\frac{50}{153}$	$\frac{3}{8}$	$\Phi_{1224}\ \Phi_{153}\ \Phi_{72}\ \Phi_9\ \Phi_8\ \Phi_1$
16490	515	136	$\frac{1}{34}$	$\frac{33}{136}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{136}^3\ \Phi_{68}^5\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
16491	515	216	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^4\ \Phi_{108}\ \Phi_{72}^4\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8^3\ \Phi_4\ \Phi_1$
16492	515	952	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{952}\ \Phi_{119}\ \Phi_{56}\ \Phi_8\ \Phi_7\ \Phi_1$
16493	515	156	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{25}{78}$	$\frac{53}{156}$	$\Phi_{156}^5\ \Phi_{78}^2\ \Phi_{52}^5\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
16494	515	141	$\frac{2}{47}$	$\frac{9}{47}$	$\frac{38}{141}$	$\frac{1}{3}$	$\Phi_{141}^3\ \Phi_{47}^5\ \Phi_3^2\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
16495	515	120	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{120}^5\ \Phi_{60}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^2\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^2\ \Phi_{10}^5\ \Phi_8\ \Phi_6\ \Phi_5^5\ \Phi_4\ \Phi_3\ \Phi_1$
16496	515	144	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{41}{144}$	$\Phi_{144}^5\ \Phi_{72}^5\ \Phi_{36}^5\ \Phi_{24}^2\ \Phi_{18}^5\ \Phi_{12}^2\ \Phi_9^5\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
16497	515	120	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{120}^5\ \Phi_{60}^3\ \Phi_{40}^5\ \Phi_{30}^3\ \Phi_{24}^5\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_8^5\ \Phi_6^4\ \Phi_5^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
16498	515	384	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{25}{128}$	$\frac{7}{32}$	$\Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}\ \Phi_{64}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
16499	516	768	$\frac{1}{128}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{127}{256}$	$\Phi_{768}\ \Phi_{256}^2\ \Phi_3\ \Phi_1^2$
16500	516	206	$\frac{1}{103}$	$\frac{26}{103}$	$\frac{77}{206}$	$\frac{51}{103}$	$\Phi_{206}^4\ \Phi_{103}\ \Phi_2^4\ \Phi_1^2$
16501	516	85	$\frac{1}{85}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{42}{85}$	$\Phi_{85}^6\ \Phi_{17}^6\ \Phi_5^7\ \Phi_1^8$
16502	516	1020	$\frac{1}{85}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{42}{85}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{204}\ \Phi_{102}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
16503	516	515	$\frac{7}{515}$	$\frac{87}{515}$	$\frac{214}{515}$	$\frac{254}{515}$	$\Phi_{515}\ \Phi_{103}\ \Phi_5\ \Phi_1^2$
16504	516	692	$\frac{3}{173}$	$\frac{1}{4}$	$\frac{44}{173}$	$\frac{85}{173}$	$\Phi_{692}\ \Phi_{346}$
16505	516	515	$\frac{9}{515}$	$\frac{128}{515}$	$\frac{131}{515}$	$\frac{253}{515}$	$\Phi_{515}\ \Phi_{103}\ \Phi_5\ \Phi_1^2$
16506	516	777	$\frac{5}{259}$	$\frac{44}{259}$	$\frac{1}{3}$	$\frac{127}{259}$	$\Phi_{777}\ \Phi_{111}\ \Phi_{21}$
16507	516	924	$\frac{1}{42}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{41}{84}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{44}\ \Phi_{28}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
16508	516	84	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{84}^{12}\ \Phi_{28}^{12}\ \Phi_{21}\ \Phi_{12}^{12}\ \Phi_4^{12}$
16509	516	924	$\frac{1}{42}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{41}{84}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{44}\ \Phi_{28}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
16510	516	420	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{41}{84}$	$\Phi_{420}\ \Phi_{210}^2\ \Phi_{140}\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
16511	516	444	$\frac{1}{37}$	$\frac{19}{148}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{444}^2\ \Phi_{222}^2\ \Phi_{111}\ \Phi_{12}^2\ \Phi_6^2$
16512	516	250	$\frac{4}{125}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{121}{250}$	$\Phi_{250}^4\ \Phi_{50}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
16513	516	406	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{406}^2\ \Phi_{203}\ \Phi_{14}^2$
16514	516	260	$\frac{1}{26}$	$\frac{9}{52}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{260}^2\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
16515	516	103	$\frac{5}{103}$	$\frac{17}{103}$	$\frac{18}{103}$	$\frac{49}{103}$	$\Phi_{103}^5\ \Phi_1^6$
16516	516	1040	$\frac{3}{40}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{1040}\ \Phi_{208}\ \Phi_{52}\ \Phi_{26}$
16517	516	80	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{37}{80}$	$\Phi_{80}^{12}\ \Phi_{16}^{12}\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
16518	516	495	$\frac{2}{45}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_5^2\ \Phi_1^2$
16519	516	693	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{20}{63}$	$\frac{5}{11}$	$\Phi_{693}\ \Phi_{99}\ \Phi_{63}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
16520	516	616	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{56}$	$\frac{5}{11}$	$\Phi_{616}\ \Phi_{308}\ \Phi_{88}\ \Phi_{56}^2\ \Phi_{44}\ \Phi_{28}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
16521	516	528	$\frac{1}{11}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{48}^2\ \Phi_{44}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
16522	516	539	$\frac{1}{11}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{539}\ \Phi_{49}^2\ \Phi_{11}\ \Phi_1^2$
16523	516	140	$\frac{11}{140}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{140}^4\ \Phi_{70}^4\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
16524	516	390	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{5}$	$\frac{35}{78}$	$\Phi_{390}^3\ \Phi_{130}^3\ \Phi_{65}\ \Phi_{30}^3\ \Phi_{10}^3$
16525	516	455	$\frac{4}{65}$	$\frac{61}{455}$	$\frac{1}{5}$	$\frac{197}{455}$	$\Phi_{455}\ \Phi_{91}\ \Phi_{65}^2\ \Phi_{35}\ \Phi_{13}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
16526	516	399	$\frac{4}{133}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{399}^2\ \Phi_{57}^2\ \Phi_{21}$
16527	516	222	$\frac{1}{37}$	$\frac{6}{37}$	$\frac{1}{3}$	$\frac{31}{74}$	$\Phi_{222}^6\ \Phi_{111}\ \Phi_6^6$
16528	516	660	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
16529	516	170	$\frac{3}{85}$	$\frac{1}{5}$	$\frac{41}{170}$	$\frac{2}{5}$	$\Phi_{170}^4\ \Phi_{85}^2\ \Phi_{34}^4\ \Phi_{17}^2\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
16530	516	45	$\frac{2}{45}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{45}^{12}\ \Phi_{15}^{12}\ \Phi_9^{12}\ \Phi_5^7\ \Phi_3^{12}\ \Phi_1^8$
16531	516	255	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{255}^2\ \Phi_{85}\ \Phi_{51}^4\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
16532	516	70	$\frac{3}{35}$	$\frac{1}{10}$	$\frac{8}{35}$	$\frac{27}{70}$	$\Phi_{70}^7\ \Phi_{35}^8\ \Phi_{14}^7\ \Phi_{10}^6\ \Phi_7^8\ \Phi_5^7\ \Phi_2^6\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
16533	516	572	$\frac{1}{44}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{572}\ \Phi_{286}\ \Phi_{143}\ \Phi_{52}\ \Phi_{26}$
16534	516	1040	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{25}{104}$	$\frac{79}{208}$	$\Phi_{1040}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{10}$
16535	516	624	$\frac{1}{13}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
16536	516	206	$\frac{3}{103}$	$\frac{25}{103}$	$\frac{26}{103}$	$\frac{77}{206}$	$\Phi_{206}^4\ \Phi_{103}\ \Phi_2^4\ \Phi_1^2$
16537	516	858	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{858}\ \Phi_{286}\ \Phi_{143}\ \Phi_{78}\ \Phi_{26}$
16538	516	103	$\frac{4}{103}$	$\frac{17}{103}$	$\frac{33}{103}$	$\frac{35}{103}$	$\Phi_{103}^5\ \Phi_1^6$
16539	516	65	$\frac{2}{65}$	$\frac{1}{5}$	$\frac{21}{65}$	$\frac{22}{65}$	$\Phi_{65}^8\ \Phi_{13}^8\ \Phi_5^7\ \Phi_1^8$
16540	516	515	$\frac{8}{515}$	$\frac{169}{515}$	$\frac{171}{515}$	$\frac{173}{515}$	$\Phi_{515}\ \Phi_{103}\ \Phi_5\ \Phi_1^2$
16541	516	777	$\frac{4}{259}$	$\frac{85}{259}$	$\frac{1}{3}$	$\frac{87}{259}$	$\Phi_{777}\ \Phi_{111}\ \Phi_{21}$
16542	516	192	$\frac{1}{64}$	$\frac{21}{64}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}^4\ \Phi_{48}^2\ \Phi_{32}^4\ \Phi_{24}^2\ \Phi_{16}^4\ \Phi_{12}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
16543	516	132	$\frac{1}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{132}^3\ \Phi_{66}^3\ \Phi_{44}^6\ \Phi_{33}^3\ \Phi_{22}^6\ \Phi_{12}^2\ \Phi_{11}^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
16544	516	480	$\frac{1}{32}$	$\frac{31}{160}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
16545	516	315	$\frac{2}{45}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{35}^2\ \Phi_{21}$
16546	516	408	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{408}\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_3\ \Phi_1^2$
16547	516	48	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{48}^{11}\ \Phi_{24}^{11}\ \Phi_{16}^{10}\ \Phi_{12}^{11}\ \Phi_8^{10}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
16548	516	111	$\frac{1}{37}$	$\frac{25}{111}$	$\frac{12}{37}$	$\frac{1}{3}$	$\Phi_{111}^4\ \Phi_{37}^6\ \Phi_3^3\ \Phi_1^6$
16549	516	63	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{63}^{12}\ \Phi_{21}\ \Phi_9^{12}$
16550	516	273	$\frac{5}{91}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{273}^3\ \Phi_{39}^3\ \Phi_{21}$
16551	516	495	$\frac{2}{45}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_5^2\ \Phi_1^2$
16552	516	180	$\frac{2}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^3\ \Phi_{36}^4\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
16553	516	204	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^3\ \Phi_{102}^3\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
16554	516	168	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{168}^6\ \Phi_{84}^6\ \Phi_{24}^6\ \Phi_{21}\ \Phi_{12}^6$
16555	516	420	$\frac{11}{140}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{12}^2$
16556	516	105	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{105}^6\ \Phi_{35}^6\ \Phi_{21}\ \Phi_{15}^6\ \Phi_5^6$
16557	516	336	$\frac{5}{48}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{21}$
16558	516	147	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{147}^6\ \Phi_{21}$
16559	516	693	$\frac{1}{21}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{20}{63}$	$\Phi_{693}\ \Phi_{99}\ \Phi_{63}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
16560	516	1260	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{20}{63}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{180}\ \Phi_{90}\ \Phi_{20}\ \Phi_{10}$
16561	516	260	$\frac{1}{13}$	$\frac{9}{52}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{260}^3\ \Phi_{130}^3\ \Phi_{65}\ \Phi_{20}^3\ \Phi_{10}^3$
16562	516	50	$\frac{1}{10}$	$\frac{7}{50}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{50}^{12}\ \Phi_{25}^{12}\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
16563	516	780	$\frac{1}{13}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
16564	516	60	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{17}{60}$	$\Phi_{60}^{12}\ \Phi_{30}^{12}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_{10}^4\ \Phi_6^{12}\ \Phi_5^3\ \Phi_3^{12}\ \Phi_2^4\ \Phi_1^4$
16565	516	616	$\frac{1}{14}$	$\frac{2}{11}$	$\frac{13}{56}$	$\frac{3}{11}$	$\Phi_{616}\ \Phi_{308}\ \Phi_{88}\ \Phi_{56}^2\ \Phi_{44}\ \Phi_{28}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
16566	516	528	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{48}^2\ \Phi_{44}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
16567	516	539	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{539}\ \Phi_{49}^2\ \Phi_{11}\ \Phi_1^2$
16568	516	280	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{56}$	$\frac{1}{4}$	$\Phi_{280}^3\ \Phi_{140}\ \Phi_{70}^2\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
16569	516	240	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
16570	516	980	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
16571	516	160	$\frac{1}{10}$	$\frac{31}{160}$	$\frac{1}{5}$	$\frac{9}{40}$	$\Phi_{160}^4\ \Phi_{80}^4\ \Phi_{32}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
16572	516	50	$\frac{7}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{50}^{12}\ \Phi_{25}^8\ \Phi_{10}^{12}\ \Phi_5^{11}\ \Phi_2^{12}\ \Phi_1^{12}$
16573	517	1024	$\frac{5}{512}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{507}{1024}$	$\Phi_{1024}\ \Phi_8\ \Phi_1$
16574	517	460	$\frac{1}{46}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{45}{92}$	$\Phi_{230}^2\ \Phi_{115}^2\ \Phi_{92}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{20}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
16575	517	1380	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{45}{92}$	$\Phi_{1380}\ \Phi_{276}\ \Phi_{92}\ \Phi_{60}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
16576	517	1008	$\frac{13}{504}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{491}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
16577	517	1008	$\frac{13}{504}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{491}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{48}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
16578	517	696	$\frac{5}{174}$	$\frac{1}{6}$	$\frac{179}{696}$	$\frac{169}{348}$	$\Phi_{696}\ \Phi_{232}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}\ \Phi_{29}\ \Phi_{24}\ \Phi_8\ \Phi_1$
16579	517	624	$\frac{3}{104}$	$\frac{107}{624}$	$\frac{1}{4}$	$\frac{101}{208}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
16580	517	1000	$\frac{17}{500}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{483}{1000}$	$\Phi_{1000}\ \Phi_{200}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
16581	517	180	$\frac{2}{45}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{180}^3\ \Phi_{90}^2\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_9^3\ \Phi_6^4\ \Phi_5^3\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
16582	517	192	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{192}^4\ \Phi_{64}^3\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
16583	517	264	$\frac{3}{44}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{264}^4\ \Phi_{88}^3\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
16584	517	560	$\frac{3}{40}$	$\frac{43}{560}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
16585	517	960	$\frac{3}{40}$	$\frac{37}{480}$	$\frac{1}{4}$	$\frac{443}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
16586	517	960	$\frac{37}{480}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{443}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
16587	517	672	$\frac{13}{168}$	$\frac{1}{12}$	$\frac{155}{672}$	$\frac{11}{24}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{112}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
16588	517	576	$\frac{1}{12}$	$\frac{59}{576}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
16589	517	1380	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{22}{69}$	$\frac{9}{20}$	$\Phi_{1380}\ \Phi_{276}\ \Phi_{69}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
16590	517	100	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{100}^4\ \Phi_{50}^7\ \Phi_{25}^7\ \Phi_{20}^3\ \Phi_{10}^5\ \Phi_5^5\ \Phi_4^2\ \Phi_2^4\ \Phi_1^5$
16591	517	936	$\frac{3}{52}$	$\frac{49}{468}$	$\frac{1}{4}$	$\frac{419}{936}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_8\ \Phi_1$
16592	517	84	$\frac{1}{12}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{84}^5\ \Phi_{42}^6\ \Phi_{28}^5\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{12}^{10}\ \Phi_7^6\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
16593	517	240	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{240}^4\ \Phi_{80}^3\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
16594	517	144	$\frac{1}{48}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{144}^3\ \Phi_{72}^3\ \Phi_{48}^5\ \Phi_{36}^3\ \Phi_{24}^5\ \Phi_{18}^2\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_9^3\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
16595	517	576	$\frac{1}{12}$	$\frac{59}{576}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
16596	517	832	$\frac{3}{104}$	$\frac{101}{416}$	$\frac{1}{4}$	$\frac{315}{832}$	$\Phi_{832}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
16597	517	768	$\frac{5}{256}$	$\frac{1}{4}$	$\frac{251}{768}$	$\frac{3}{8}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
16598	517	48	$\frac{1}{48}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{48}^{11}\ \Phi_{24}^{11}\ \Phi_{16}^{10}\ \Phi_{12}^{11}\ \Phi_8^{11}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
16599	517	640	$\frac{5}{128}$	$\frac{123}{640}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
16600	517	544	$\frac{27}{544}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_8\ \Phi_1$
16601	517	576	$\frac{5}{64}$	$\frac{59}{576}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
16602	517	540	$\frac{23}{540}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
16603	517	72	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{72}^{11}\ \Phi_{24}^{11}\ \Phi_{12}^{10}\ \Phi_8^{11}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
16604	517	108	$\frac{1}{12}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{108}^6\ \Phi_{54}^5\ \Phi_{36}^3\ \Phi_{27}^5\ \Phi_{18}^2\ \Phi_{12}^5\ \Phi_9^3\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
16605	517	60	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{60}^8\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{15}^9\ \Phi_{12}^{10}\ \Phi_{10}^8\ \Phi_6^{10}\ \Phi_5^9\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
16606	517	345	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{22}{69}$	$\Phi_{345}\ \Phi_{115}^2\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^3\ \Phi_1^3$
16607	517	756	$\frac{13}{252}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{239}{756}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
16608	517	624	$\frac{3}{52}$	$\frac{107}{624}$	$\frac{1}{4}$	$\frac{49}{156}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{48}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
16609	517	600	$\frac{3}{40}$	$\frac{83}{600}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
16610	517	720	$\frac{3}{40}$	$\frac{37}{240}$	$\frac{1}{4}$	$\frac{203}{720}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
16611	517	720	$\frac{1}{12}$	$\frac{37}{240}$	$\frac{11}{48}$	$\frac{203}{720}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
16612	517	576	$\frac{59}{576}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
16613	517	630	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{113}{630}$	$\frac{5}{18}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
16614	517	640	$\frac{3}{40}$	$\frac{123}{640}$	$\frac{37}{160}$	$\frac{1}{4}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{128}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
16615	517	600	$\frac{83}{600}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
16616	518	1536	$\frac{3}{256}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{253}{512}$	$\Phi_{1536}\ \Phi_{12}\ \Phi_{6}$
16617	518	876	$\frac{1}{73}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{36}{73}$	$\Phi_{876}\ \Phi_{292}\ \Phi_{73}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
16618	518	657	$\frac{1}{73}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{36}{73}$	$\Phi_{657}\ \Phi_{73}\ \Phi_{9}^2\ \Phi_{1}^2$
16619	518	510	$\frac{4}{255}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{251}{510}$	$\Phi_{510}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{2}^2$
16620	518	312	$\frac{1}{52}$	$\frac{53}{312}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{312}\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
16621	518	470	$\frac{1}{47}$	$\frac{24}{235}$	$\frac{211}{470}$	$\frac{23}{47}$	$\Phi_{470}^2\ \Phi_{94}^2\ \Phi_{47}\ \Phi_{10}^2\ \Phi_{2}^2\ \Phi_{1}^2$
16622	518	506	$\frac{6}{253}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{247}{506}$	$\Phi_{506}^2\ \Phi_{46}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{2}^2\ \Phi_{1}^2$
16623	518	936	$\frac{1}{36}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{35}{72}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{104}\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_{13}\ \Phi_{8}^2\ \Phi_{1}^2$
16624	518	72	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{72}^6\ \Phi_{36}^8\ \Phi_{24}^7\ \Phi_{18}^8\ \Phi_{12}^9\ \Phi_{9}^8\ \Phi_{8}^6\ \Phi_{6}^9\ \Phi_{4}^8\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^8$
16625	518	1500	$\frac{9}{250}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{241}{500}$	$\Phi_{1500}\ \Phi_{300}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
16626	518	200	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{200}^3\ \Phi_{100}^3\ \Phi_{50}\ \Phi_{40}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
16627	518	495	$\frac{23}{495}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{236}{495}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{15}\ \Phi_{11}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
16628	518	1482	$\frac{12}{247}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{235}{494}$	$\Phi_{1482}\ \Phi_{114}\ \Phi_{78}\ \Phi_{39}\ \Phi_{6}$
16629	518	120	$\frac{1}{20}$	$\frac{3}{40}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{120}^6\ \Phi_{60}^7\ \Phi_{30}^7\ \Phi_{24}^6\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{6}^7\ \Phi_{3}^6$
16630	518	352	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{93}{352}$	$\frac{83}{176}$	$\Phi_{352}^2\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{32}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
16631	518	280	$\frac{2}{35}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{280}^2\ \Phi_{140}^2\ \Phi_{56}^2\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
16632	518	360	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
16633	518	484	$\frac{17}{242}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{225}{484}$	$\Phi_{484}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
16634	518	39	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{39}^{13}\ \Phi_{13}^{14}\ \Phi_{3}^{12}\ \Phi_{1}^{14}$
16635	518	702	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{17}{54}$	$\frac{6}{13}$	$\Phi_{702}\ \Phi_{351}\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{13}\ \Phi_{1}^2$
16636	518	520	$\frac{3}{40}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{1}^2$
16637	518	624	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{6}{13}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{104}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{8}^2\ \Phi_{1}^2$
16638	518	585	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{6}{13}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{5}^2\ \Phi_{1}^2$
16639	518	546	$\frac{1}{13}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{546}\ \Phi_{273}\ \Phi_{182}\ \Phi_{91}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_{7}^2\ \Phi_{1}^2$
16640	518	480	$\frac{1}{20}$	$\frac{19}{240}$	$\frac{1}{3}$	$\frac{221}{480}$	$\Phi_{480}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{60}\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
16641	518	468	$\frac{1}{26}$	$\frac{25}{234}$	$\frac{1}{3}$	$\frac{209}{468}$	$\Phi_{468}^2\ \Phi_{156}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}^2$
16642	518	66	$\frac{1}{11}$	$\frac{4}{33}$	$\frac{5}{33}$	$\frac{29}{66}$	$\Phi_{66}^{14}\ \Phi_{33}^2\ \Phi_{22}^{14}\ \Phi_{11}\ \Phi_{6}^{14}\ \Phi_{3}^2\ \Phi_{2}^{14}\ \Phi_{1}^2$
16643	518	228	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{228}^4\ \Phi_{114}\ \Phi_{76}^4\ \Phi_{57}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}^2$
16644	518	440	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{220}$	$\frac{181}{440}$	$\Phi_{440}^2\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
16645	518	190	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{190}^3\ \Phi_{95}^3\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_1^2$
16646	518	40	$\frac{3}{40}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{40}^{13}\ \Phi_{20}^{13}\ \Phi_{10}^{13}\ \Phi_8^{12}\ \Phi_5^{14}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{14}$
16647	518	423	$\frac{1}{47}$	$\frac{95}{423}$	$\frac{46}{141}$	$\frac{164}{423}$	$\Phi_{423}\ \Phi_{141}^2\ \Phi_{47}\ \Phi_9\ \Phi_3^2\ \Phi_1^2$
16648	518	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{120}^5\ \Phi_{60}^3\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^5\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
16649	518	376	$\frac{1}{47}$	$\frac{23}{94}$	$\frac{117}{376}$	$\frac{71}{188}$	$\Phi_{376}^2\ \Phi_{94}^2\ \Phi_{47}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
16650	518	1248	$\frac{1}{52}$	$\frac{51}{208}$	$\frac{1}{3}$	$\frac{157}{416}$	$\Phi_{1248}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
16651	518	264	$\frac{5}{264}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
16652	518	396	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{61}{198}$	$\frac{137}{396}$	$\Phi_{396}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
16653	518	390	$\frac{1}{65}$	$\frac{64}{195}$	$\frac{1}{3}$	$\frac{131}{390}$	$\Phi_{390}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
16654	518	342	$\frac{1}{38}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{342}^2\ \Phi_{171}^2\ \Phi_{114}\ \Phi_{57}\ \Phi_{18}^2\ \Phi_6$
16655	518	312	$\frac{2}{39}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
16656	518	384	$\frac{3}{128}$	$\frac{1}{4}$	$\frac{125}{384}$	$\frac{1}{3}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
16657	518	312	$\frac{1}{26}$	$\frac{53}{312}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2$
16658	518	300	$\frac{1}{20}$	$\frac{41}{300}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
16659	518	216	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{216}^4\ \Phi_{108}^4\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
16660	518	360	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{101}{360}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
16661	518	270	$\frac{11}{270}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_2^2$
16662	518	960	$\frac{3}{64}$	$\frac{61}{320}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
16663	518	816	$\frac{13}{272}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{12}\ \Phi_6$
16664	518	120	$\frac{3}{40}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^7\ \Phi_{60}^7\ \Phi_{30}^7\ \Phi_{24}^4\ \Phi_{15}^7\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
16665	518	288	$\frac{3}{32}$	$\frac{29}{288}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}\ \Phi_{72}^2\ \Phi_{48}\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
16666	518	1020	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{81}{340}$	$\frac{1}{3}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{204}\ \Phi_{102}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
16667	518	960	$\frac{1}{20}$	$\frac{61}{320}$	$\frac{19}{80}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{192}\ \Phi_{96}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
16668	518	48	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{48}^{14}\ \Phi_{24}^7\ \Phi_{16}^{14}\ \Phi_{12}^9\ \Phi_8^6\ \Phi_6^9\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
16669	518	648	$\frac{7}{81}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{54}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
16670	518	300	$\frac{1}{10}$	$\frac{41}{300}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{300}^2\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
16671	518	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
16672	518	168	$\frac{5}{42}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{168}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{42}^2\ \Phi_{28}^4\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_6$
16673	518	297	$\frac{1}{11}$	$\frac{38}{297}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{297}^2\ \Phi_{99}\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{11}\ \Phi_9\ \Phi_3^2\ \Phi_1^2$
16674	518	330	$\frac{1}{11}$	$\frac{23}{165}$	$\frac{71}{330}$	$\frac{10}{33}$	$\Phi_{330}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
16675	518	840	$\frac{4}{35}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
16676	518	45	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{45}^{11}\ \Phi_{15}^{11}\ \Phi_9^{14}\ \Phi_5^{10}\ \Phi_3^{14}\ \Phi_1^{14}$
16677	519	684	$\frac{2}{171}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{169}{342}$	$\Phi_{684}\ \Phi_{228}\ \Phi_{171}\ \Phi_{76}\ \Phi_{57}\ \Phi_{36}\ \Phi_{19}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
16678	519	296	$\frac{1}{74}$	$\frac{25}{148}$	$\frac{123}{296}$	$\frac{73}{148}$	$\Phi_{296}^3\ \Phi_{148}\ \Phi_8^3\ \Phi_4\ \Phi_1$
16679	519	232	$\frac{1}{58}$	$\frac{1}{4}$	$\frac{59}{232}$	$\frac{57}{116}$	$\Phi_{232}^3\ \Phi_{116}^2\ \Phi_{58}\ \Phi_{29}\ \Phi_8^3\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
16680	519	336	$\frac{5}{168}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{163}{336}$	$\Phi_{336}^3\ \Phi_{112}^3\ \Phi_{48}^3\ \Phi_{28}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
16681	519	336	$\frac{5}{168}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{163}{336}$	$\Phi_{336}^3\ \Phi_{112}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_7^2\ \Phi_1^3$
16682	519	336	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{163}{336}$	$\Phi_{336}^3\ \Phi_{112}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
16683	519	700	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{181}{700}$	$\frac{169}{350}$	$\Phi_{700}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
16684	519	210	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{37}{210}$	$\frac{33}{70}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^3$
16685	519	980	$\frac{29}{490}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{461}{980}$	$\Phi_{980}\ \Phi_{196}\ \Phi_{140}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
16686	519	252	$\frac{5}{84}$	$\frac{1}{14}$	$\frac{79}{252}$	$\frac{13}{28}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{63}^3\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{18}^3\ \Phi_9^3\ \Phi_4\ \Phi_1$
16687	519	560	$\frac{1}{14}$	$\frac{41}{560}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
16688	519	224	$\frac{1}{14}$	$\frac{5}{56}$	$\frac{51}{224}$	$\frac{13}{28}$	$\Phi_{224}^3\ \Phi_{112}^3\ \Phi_{32}^3\ \Phi_{28}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
16689	519	196	$\frac{1}{14}$	$\frac{23}{196}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{196}^3\ \Phi_{98}^3\ \Phi_{49}^3\ \Phi_{28}\ \Phi_4\ \Phi_1$
16690	519	180	$\frac{7}{180}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
16691	519	296	$\frac{1}{37}$	$\frac{25}{148}$	$\frac{12}{37}$	$\frac{123}{296}$	$\Phi_{296}^3\ \Phi_{37}^2\ \Phi_8^3\ \Phi_1^3$
16692	519	560	$\frac{41}{560}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
16693	519	580	$\frac{1}{29}$	$\frac{28}{145}$	$\frac{1}{4}$	$\frac{117}{290}$	$\Phi_{580}\ \Phi_{145}\ \Phi_{116}^2\ \Phi_{58}\ \Phi_{29}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
16694	519	740	$\frac{1}{37}$	$\frac{36}{185}$	$\frac{221}{740}$	$\frac{149}{370}$	$\Phi_{740}\ \Phi_{185}\ \Phi_{148}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
16695	519	280	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{33}{140}$	$\frac{107}{280}$	$\Phi_{280}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
16696	519	182	$\frac{9}{182}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{182}^3\ \Phi_{91}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_7^2\ \Phi_1^3$
16697	519	222	$\frac{1}{37}$	$\frac{49}{222}$	$\frac{12}{37}$	$\frac{25}{74}$	$\Phi_{222}^3\ \Phi_{111}^3\ \Phi_{37}^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
16698	519	259	$\frac{4}{259}$	$\frac{85}{259}$	$\frac{86}{259}$	$\frac{87}{259}$	$\Phi_{259}^2\ \Phi_{37}^2\ \Phi_7^2\ \Phi_1^3$
16699	519	228	$\frac{2}{57}$	$\frac{55}{228}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{19}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
16700	519	180	$\frac{7}{180}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
16701	519	252	$\frac{5}{84}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{79}{252}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{63}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_1^3$
16702	519	252	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{79}{252}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{63}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
16703	519	245	$\frac{29}{245}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{72}{245}$	$\Phi_{245}^2\ \Phi_{49}^2\ \Phi_{35}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
16704	519	189	$\frac{16}{189}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{189}^3\ \Phi_{63}^3\ \Phi_{27}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_1^3$
16705	519	224	$\frac{5}{56}$	$\frac{1}{7}$	$\frac{51}{224}$	$\frac{2}{7}$	$\Phi_{224}^3\ \Phi_{112}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_7^2\ \Phi_1^3$
16706	519	196	$\frac{23}{196}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{196}^3\ \Phi_{98}^3\ \Phi_{49}^3\ \Phi_7^2\ \Phi_1^3$
16707	519	210	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{37}{210}$	$\frac{2}{7}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
16708	519	192	$\frac{19}{192}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
16709	519	420	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{210}$	$\frac{1}{4}$	$\Phi_{420}^2\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
16710	520	129	$\frac{1}{129}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{64}{129}$	$\Phi_{129}^4\ \Phi_{43}^4\ \Phi_3^5\ \Phi_1^6$
16711	520	519	$\frac{5}{519}$	$\frac{131}{519}$	$\frac{194}{519}$	$\frac{257}{519}$	$\Phi_{519}\ \Phi_{173}\ \Phi_3\ \Phi_1^2$
16712	520	824	$\frac{1}{103}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{51}{103}$	$\Phi_{824}\ \Phi_{103}\ \Phi_8^2\ \Phi_1^2$
16713	520	87	$\frac{1}{87}$	$\frac{22}{87}$	$\frac{1}{3}$	$\frac{43}{87}$	$\Phi_{87}^6\ \Phi_{29}^6\ \Phi_3^5\ \Phi_1^6$
16714	520	513	$\frac{7}{513}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{253}{513}$	$\Phi_{513}\ \Phi_{171}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
16715	520	896	$\frac{1}{64}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{63}{128}$	$\Phi_{896}\ \Phi_{128}^2\ \Phi_7\ \Phi_1^2$
16716	520	1920	$\frac{1}{64}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{63}{128}$	$\Phi_{1920}\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
16717	520	173	$\frac{3}{173}$	$\frac{43}{173}$	$\frac{44}{173}$	$\frac{85}{173}$	$\Phi_{173}^3\ \Phi_1^4$
16718	520	153	$\frac{1}{51}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{25}{51}$	$\Phi_{153}^3\ \Phi_{51}^4\ \Phi_{17}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
16719	520	102	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{102}^6\ \Phi_{51}^4\ \Phi_{34}^6\ \Phi_{17}^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
16720	520	519	$\frac{11}{519}$	$\frac{53}{519}$	$\frac{233}{519}$	$\frac{254}{519}$	$\Phi_{519}\ \Phi_{173}\ \Phi_3\ \Phi_1^2$
16721	520	312	$\frac{1}{39}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{19}{39}$	$\Phi_{312}^3\ \Phi_{104}^3\ \Phi_{39}\ \Phi_{24}^4\ \Phi_{13}\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
16722	520	195	$\frac{1}{39}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{195}^3\ \Phi_{65}^3\ \Phi_{39}\ \Phi_{15}^4\ \Phi_{13}\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
16723	520	234	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{19}{39}$	$\Phi_{234}^3\ \Phi_{117}^3\ \Phi_{39}\ \Phi_{18}^4\ \Phi_{13}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
16724	520	624	$\frac{1}{39}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{19}{39}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{104}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
16725	520	210	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{9}{35}$	$\frac{17}{35}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{42}^3\ \Phi_{30}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
16726	520	126	$\frac{2}{63}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{126}^8\ \Phi_{42}^8\ \Phi_{18}^8\ \Phi_{14}^8\ \Phi_9^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
16727	520	519	$\frac{17}{519}$	$\frac{77}{519}$	$\frac{134}{519}$	$\frac{251}{519}$	$\Phi_{519}\ \Phi_{173}\ \Phi_3\ \Phi_1^2$
16728	520	87	$\frac{1}{29}$	$\frac{3}{29}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{87}^9\ \Phi_3^8$
16729	520	475	$\frac{1}{25}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{12}{25}$	$\Phi_{475}\ \Phi_{95}\ \Phi_{25}^2\ \Phi_{19}^2\ \Phi_5^2\ \Phi_1^4$
16730	520	825	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{825}\ \Phi_{165}\ \Phi_{33}^2$
16731	520	475	$\frac{1}{25}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{12}{25}$	$\Phi_{475}\ \Phi_{95}\ \Phi_{25}^2\ \Phi_{19}^2\ \Phi_5^2\ \Phi_1^4$
16732	520	150	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{150}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{30}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
16733	520	173	$\frac{7}{173}$	$\frac{9}{173}$	$\frac{82}{173}$	$\frac{83}{173}$	$\Phi_{173}^3\ \Phi_1^4$
16734	520	792	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{198}\ \Phi_{99}\ \Phi_{72}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{18}\ \Phi_6$
16735	520	126	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{11}{63}$	$\frac{10}{21}$	$\Phi_{126}^6\ \Phi_{63}^4\ \Phi_{42}^3\ \Phi_{21}^2\ \Phi_{18}^6\ \Phi_{14}^3\ \Phi_9^4\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
16736	520	798	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{114}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
16737	520	285	$\frac{1}{19}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{285}^2\ \Phi_{95}\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_{15}^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
16738	520	583	$\frac{3}{53}$	$\frac{1}{11}$	$\frac{14}{53}$	$\frac{25}{53}$	Φ_{583}
16739	520	519	$\frac{31}{519}$	$\frac{55}{519}$	$\frac{116}{519}$	$\frac{244}{519}$	$\Phi_{519}\ \Phi_{173}\ \Phi_3\ \Phi_1^2$
16740	520	294	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{23}{49}$	$\Phi_{294}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
16741	520	173	$\frac{11}{173}$	$\frac{23}{173}$	$\frac{30}{173}$	$\frac{81}{173}$	$\Phi_{173}^3\ \Phi_1^4$
16742	520	30	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{30}^{21}\ \Phi_{15}^{14}\ \Phi_{10}^{21}\ \Phi_6^{20}\ \Phi_5^{14}\ \Phi_3^{13}\ \Phi_2^{20}\ \Phi_1^{14}$
16743	520	655	$\frac{9}{131}$	$\frac{14}{131}$	$\frac{1}{5}$	$\frac{61}{131}$	Φ_{655}
16744	520	519	$\frac{37}{519}$	$\frac{38}{519}$	$\frac{139}{519}$	$\frac{241}{519}$	$\Phi_{519}\ \Phi_{173}\ \Phi_3\ \Phi_1^2$
16745	520	261	$\frac{14}{261}$	$\frac{19}{261}$	$\frac{1}{3}$	$\frac{121}{261}$	$\Phi_{261}^2\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
16746	520	574	$\frac{1}{14}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{574}\ \Phi_{287}\ \Phi_{82}$
16747	520	168	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{168}^6\ \Phi_{56}^6\ \Phi_{24}^4\ \Phi_{21}^2\ \Phi_8^4\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
16748	520	312	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{3}{13}$	$\frac{11}{24}$	$\Phi_{312}^3\ \Phi_{104}^3\ \Phi_{24}^4\ \Phi_{13}^3\ \Phi_8^4\ \Phi_1^4$
16749	520	1320	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{55}$
16750	520	312	$\frac{1}{12}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{11}{24}$	$\Phi_{312}^3\ \Phi_{104}^3\ \Phi_{39}\ \Phi_{24}^4\ \Phi_{13}\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
16751	520	72	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{72}^{15}\ \Phi_{24}^{10}\ \Phi_{18}^3\ \Phi_9^2\ \Phi_8^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
16752	520	519	$\frac{29}{519}$	$\frac{49}{519}$	$\frac{142}{519}$	$\frac{235}{519}$	$\Phi_{519}\ \Phi_{173}\ \Phi_3\ \Phi_1^2$
16753	520	261	$\frac{11}{261}$	$\frac{25}{261}$	$\frac{1}{3}$	$\frac{118}{261}$	$\Phi_{261}^2\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
16754	520	27	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{27}^{20}\ \Phi_9^{18}\ \Phi_3^{17}\ \Phi_1^{18}$
16755	520	126	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{126}^6\ \Phi_{63}^3\ \Phi_{42}^6\ \Phi_{21}^2\ \Phi_{18}^4\ \Phi_{14}^6\ \Phi_9^2\ \Phi_7^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
16756	520	153	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{4}{17}$	$\frac{4}{9}$	$\Phi_{153}^3\ \Phi_{51}^3\ \Phi_{17}^6\ \Phi_9^4\ \Phi_3^4\ \Phi_1^8$
16757	520	630	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{10}^2$
16758	520	348	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{1}{3}$	$\frac{51}{116}$	$\Phi_{348}^4\ \Phi_{87}\ \Phi_{12}^4$
16759	520	672	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{31}{96}$	$\frac{3}{7}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{96}^2\ \Phi_{84}\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
16760	520	189	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{189}^3\ \Phi_{63}^3\ \Phi_{27}^2\ \Phi_{21}^3\ \Phi_9^2\ \Phi_3^2$
16761	520	476	$\frac{3}{68}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{476}\ \Phi_{238}\ \Phi_{119}\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_7\ \Phi_1^2$
16762	520	112	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{3}{7}$	$\Phi_{112}^4\ \Phi_{56}^4\ \Phi_{28}^4\ \Phi_{16}^8\ \Phi_{14}^4\ \Phi_8^8\ \Phi_7^5\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{10}$
16763	520	42	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{42}^{15}\ \Phi_{21}^{15}\ \Phi_{14}^7\ \Phi_7^8\ \Phi_6^{14}\ \Phi_3^{14}\ \Phi_2^6\ \Phi_1^8$
16764	520	504	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
16765	520	519	$\frac{23}{519}$	$\frac{79}{519}$	$\frac{124}{519}$	$\frac{220}{519}$	$\Phi_{519}\ \Phi_{173}\ \Phi_3\ \Phi_1^2$
16766	520	90	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{1}{6}$	$\frac{19}{45}$	$\Phi_{90}^6\ \Phi_{45}^4\ \Phi_{30}^9\ \Phi_{18}^6\ \Phi_{15}^6\ \Phi_{10}^9\ \Phi_9^4\ \Phi_6^8\ \Phi_5^6\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
16767	520	72	$\frac{7}{72}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{72}^8\ \Phi_{36}^5\ \Phi_{24}^8\ \Phi_{18}^8\ \Phi_{12}^6\ \Phi_9^7\ \Phi_8^8\ \Phi_6^8\ \Phi_4^6\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
16768	520	574	$\frac{1}{14}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{574}\ \Phi_{287}\ \Phi_{82}$
16769	520	198	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{198}^5\ \Phi_{99}\ \Phi_{66}^5\ \Phi_{33}\ \Phi_{18}^5\ \Phi_6^5$
16770	520	519	$\frac{34}{519}$	$\frac{77}{519}$	$\frac{97}{519}$	$\frac{211}{519}$	$\Phi_{519}\ \Phi_{173}\ \Phi_3\ \Phi_1^2$
16771	520	655	$\frac{6}{131}$	$\frac{25}{131}$	$\frac{1}{5}$	$\frac{53}{131}$	Φ_{655}
16772	520	519	$\frac{14}{519}$	$\frac{101}{519}$	$\frac{155}{519}$	$\frac{209}{519}$	$\Phi_{519}\ \Phi_{173}\ \Phi_3\ \Phi_1^2$
16773	520	87	$\frac{2}{87}$	$\frac{17}{87}$	$\frac{1}{3}$	$\frac{35}{87}$	$\Phi_{87}^6\ \Phi_{29}^6\ \Phi_3^5\ \Phi_1^6$
16774	520	330	$\frac{3}{55}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{15}\ \Phi_{10}$
16775	520	173	$\frac{8}{173}$	$\frac{33}{173}$	$\frac{35}{173}$	$\frac{69}{173}$	$\Phi_{173}^3\ \Phi_1^4$
16776	520	574	$\frac{1}{14}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{574}\ \Phi_{287}\ \Phi_{82}$
16777	520	519	$\frac{35}{519}$	$\frac{64}{519}$	$\frac{121}{519}$	$\frac{199}{519}$	$\Phi_{519}\ \Phi_{173}\ \Phi_3\ \Phi_1^2$
16778	520	42	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{5}{21}$	$\frac{8}{21}$	$\Phi_{42}^{15}\ \Phi_{21}^{10}\ \Phi_{14}^{15}\ \Phi_7^{10}\ \Phi_6^{14}\ \Phi_3^9\ \Phi_2^{14}\ \Phi_1^{10}$
16779	520	1272	$\frac{1}{53}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1272}\ \Phi_{159}$
16780	520	824	$\frac{3}{103}$	$\frac{25}{103}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{824}\ \Phi_{103}\ \Phi_8^2\ \Phi_1^2$
16781	520	1080	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{135}\ \Phi_{120}\ \Phi_{45}\ \Phi_{15}$
16782	520	824	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{824}\ \Phi_{103}\ \Phi_8^2\ \Phi_1^2$
16783	520	504	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^2\ \Phi_{168}^2\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_6$
16784	520	66	$\frac{1}{66}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{66}^8\ \Phi_{33}^8\ \Phi_{22}^8\ \Phi_{11}^8\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
16785	520	387	$\frac{2}{129}$	$\frac{127}{387}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{387}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
16786	520	258	$\frac{1}{43}$	$\frac{21}{86}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{258}^2\ \Phi_{129}\ \Phi_{86}^4\ \Phi_{43}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
16787	520	129	$\frac{4}{129}$	$\frac{25}{129}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{129}^4\ \Phi_{43}^4\ \Phi_3^5\ \Phi_1^6$
16788	520	54	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{54}^{12}\ \Phi_{27}^8\ \Phi_{18}^{12}\ \Phi_9^8\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
16789	520	105	$\frac{1}{21}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^6\ \Phi_{35}^6\ \Phi_{21}^2\ \Phi_{15}^4\ \Phi_7^2\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
16790	520	129	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{129}^3\ \Phi_{43}^6\ \Phi_3^4\ \Phi_1^8$
16791	520	462	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{462}\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}\ \Phi_{22}^2$
16792	520	480	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{31}{96}$	$\frac{1}{3}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
16793	520	306	$\frac{2}{51}$	$\frac{1}{6}$	$\frac{49}{153}$	$\frac{1}{3}$	$\Phi_{306}^3\ \Phi_{153}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
16794	520	189	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{59}{189}$	$\frac{1}{3}$	$\Phi_{189}^{4}\,\Phi_{27}^{4}\,\Phi_{9}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
16795	520	126	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{126}^{6}\,\Phi_{63}^{6}\,\Phi_{21}^{2}\,\Phi_{18}^{4}\,\Phi_{9}^{4}\,\Phi_{7}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
16796	520	27	$\frac{1}{27}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{27}^{19}\,\Phi_{9}^{20}\,\Phi_{3}^{19}\,\Phi_{1}^{20}$
16797	520	87	$\frac{1}{29}$	$\frac{7}{29}$	$\frac{22}{87}$	$\frac{1}{3}$	$\Phi_{87}^{5}\,\Phi_{29}^{8}\,\Phi_{3}^{4}\,\Phi_{1}^{8}$
16798	520	1020	$\frac{3}{68}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}\,\Phi_{510}\,\Phi_{255}\,\Phi_{15}$
16799	520	336	$\frac{1}{21}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^{2}\,\Phi_{168}^{2}\,\Phi_{112}^{2}\,\Phi_{56}^{2}\,\Phi_{48}\,\Phi_{24}\,\Phi_{21}^{2}\,\Phi_{16}^{2}\,\Phi_{8}^{2}\,\Phi_{7}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
16800	520	171	$\frac{7}{171}$	$\frac{2}{9}$	$\frac{41}{171}$	$\frac{1}{3}$	$\Phi_{171}^{3}\,\Phi_{57}^{3}\,\Phi_{19}^{3}\,\Phi_{9}^{4}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
16801	520	102	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{102}^{6}\,\Phi_{51}^{3}\,\Phi_{34}^{6}\,\Phi_{17}^{6}\,\Phi_{6}^{8}\,\Phi_{3}^{4}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
16802	520	261	$\frac{17}{261}$	$\frac{40}{261}$	$\frac{61}{261}$	$\frac{1}{3}$	$\Phi_{261}^{2}\,\Phi_{87}^{2}\,\Phi_{29}^{2}\,\Phi_{9}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
16803	520	195	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{195}^{3}\,\Phi_{65}^{3}\,\Phi_{15}^{4}\,\Phi_{13}^{3}\,\Phi_{5}^{4}\,\Phi_{1}^{4}$
16804	520	252	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{252}^{3}\,\Phi_{126}^{3}\,\Phi_{84}^{2}\,\Phi_{42}^{2}\,\Phi_{36}^{3}\,\Phi_{28}^{2}\,\Phi_{18}^{3}\,\Phi_{14}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
16805	520	72	$\frac{7}{72}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{72}^{8}\,\Phi_{36}^{8}\,\Phi_{24}^{8}\,\Phi_{18}^{8}\,\Phi_{12}^{8}\,\Phi_{9}^{2}\,\Phi_{8}^{8}\,\Phi_{6}^{8}\,\Phi_{4}^{8}\,\Phi_{3}\,\Phi_{2}^{8}\,\Phi_{1}^{2}$
16806	520	798	$\frac{1}{14}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{798}\,\Phi_{399}\,\Phi_{114}\,\Phi_{42}^{2}\,\Phi_{21}^{2}\,\Phi_{6}^{2}$
16807	520	261	$\frac{16}{261}$	$\frac{49}{261}$	$\frac{53}{261}$	$\frac{1}{3}$	$\Phi_{261}^{2}\,\Phi_{87}^{2}\,\Phi_{29}^{2}\,\Phi_{9}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
16808	520	240	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{240}^{4}\,\Phi_{120}^{4}\,\Phi_{60}^{4}\,\Phi_{30}^{4}\,\Phi_{15}^{5}$
16809	520	210	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^{3}\,\Phi_{105}^{3}\,\Phi_{70}^{4}\,\Phi_{35}^{4}\,\Phi_{30}\,\Phi_{15}^{2}\,\Phi_{10}^{2}\,\Phi_{5}^{2}$
16810	520	165	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{165}^{3}\,\Phi_{55}^{4}\,\Phi_{33}^{4}\,\Phi_{11}^{4}$
16811	520	360	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{360}^{2}\,\Phi_{180}^{2}\,\Phi_{120}\,\Phi_{90}^{2}\,\Phi_{60}\,\Phi_{45}^{2}\,\Phi_{40}^{2}\,\Phi_{30}\,\Phi_{20}^{2}\,\Phi_{15}^{2}\,\Phi_{10}^{2}\,\Phi_{5}^{2}$
16812	520	195	$\frac{4}{39}$	$\frac{2}{15}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{195}^{3}\,\Phi_{65}^{3}\,\Phi_{39}\,\Phi_{15}^{4}\,\Phi_{13}\,\Phi_{5}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
16813	520	63	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{11}{63}$	$\frac{1}{3}$	$\Phi_{63}^{8}\,\Phi_{21}^{8}\,\Phi_{9}^{10}\,\Phi_{7}^{8}\,\Phi_{3}^{9}\,\Phi_{1}^{10}$
16814	520	87	$\frac{3}{29}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{87}^{9}\,\Phi_{3}^{8}$
16815	520	90	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{90}^{9}\,\Phi_{45}^{6}\,\Phi_{30}^{6}\,\Phi_{18}^{3}\,\Phi_{15}^{4}\,\Phi_{10}^{6}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{4}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
16816	520	270	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{31}{135}$	$\frac{14}{45}$	$\Phi_{270}^{3}\,\Phi_{135}^{2}\,\Phi_{54}^{3}\,\Phi_{30}^{3}\,\Phi_{27}^{2}\,\Phi_{15}^{2}\,\Phi_{10}^{3}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
16817	520	150	$\frac{2}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{23}{75}$	$\Phi_{150}^{4}\,\Phi_{75}^{2}\,\Phi_{50}^{4}\,\Phi_{30}^{5}\,\Phi_{25}^{4}\,\Phi_{15}^{3}\,\Phi_{10}^{5}\,\Phi_{6}^{4}\,\Phi_{5}^{4}\,\Phi_{3}^{2}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
16818	520	294	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{43}{147}$	$\Phi_{294}^{2}\,\Phi_{147}\,\Phi_{98}^{2}\,\Phi_{49}^{2}\,\Phi_{42}^{3}\,\Phi_{21}^{2}\,\Phi_{14}^{3}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
16819	520	234	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{3}{13}$	$\frac{5}{18}$	$\Phi_{234}^{3}\,\Phi_{117}^{3}\,\Phi_{18}^{4}\,\Phi_{13}^{3}\,\Phi_{9}^{4}\,\Phi_{1}^{4}$
16820	520	990	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{990}\,\Phi_{495}\,\Phi_{55}$
16821	520	234	$\frac{4}{39}$	$\frac{1}{6}$	$\frac{7}{39}$	$\frac{5}{18}$	$\Phi_{234}^{3}\,\Phi_{117}^{3}\,\Phi_{39}\,\Phi_{18}^{4}\,\Phi_{13}\,\Phi_{9}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
16822	520	18	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{18}^{28}\,\Phi_{9}^{27}\,\Phi_{6}^{32}\,\Phi_{3}^{31}\,\Phi_{2}^{32}\,\Phi_{1}^{32}$
16823	520	208	$\frac{1}{13}$	$\frac{3}{16}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{208}^{3}\,\Phi_{104}^{3}\,\Phi_{16}^{4}\,\Phi_{13}^{3}\,\Phi_{8}^{4}\,\Phi_{1}^{4}$
16824	520	880	$\frac{1}{11}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{880}\,\Phi_{440}\,\Phi_{55}$
16825	520	624	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{624}\,\Phi_{312}\,\Phi_{208}\,\Phi_{104}\,\Phi_{48}\,\Phi_{39}\,\Phi_{24}\,\Phi_{16}^{2}\,\Phi_{13}\,\Phi_{8}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
16826	520	144	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{144}^{5}\,\Phi_{72}^{5}\,\Phi_{48}^{3}\,\Phi_{24}^{3}\,\Phi_{18}^{3}\,\Phi_{16}^{4}\,\Phi_{9}^{2}\,\Phi_{8}^{4}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
16827	520	285	$\frac{2}{15}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{285}^{2}\,\Phi_{95}\,\Phi_{57}^{2}\,\Phi_{19}^{2}\,\Phi_{15}^{4}\,\Phi_{5}^{2}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
16828	520	30	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{30}^{21}\,\Phi_{15}^{13}\,\Phi_{10}^{21}\,\Phi_{6}^{20}\,\Phi_{5}^{16}\,\Phi_{3}^{12}\,\Phi_{2}^{20}\,\Phi_{1}^{16}$
16829	520	750	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{21}{125}$	$\frac{1}{5}$	$\Phi_{750}\,\Phi_{375}\,\Phi_{250}\,\Phi_{30}\,\Phi_{15}\,\Phi_{10}$
16830	521	832	$\frac{1}{104}$	$\frac{105}{416}$	$\frac{311}{832}$	$\frac{103}{208}$	$\Phi_{832}\,\Phi_{208}\,\Phi_{64}\,\Phi_{16}\,\Phi_{1}$
16831	521	1024	$\frac{9}{512}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{503}{1024}$	$\Phi_{1024}\,\Phi_{16}\,\Phi_{1}$
16832	521	1020	$\frac{11}{510}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{499}{1020}$	$\Phi_{1020}\,\Phi_{340}\,\Phi_{204}\,\Phi_{68}\,\Phi_{60}\,\Phi_{20}\,\Phi_{15}\,\Phi_{12}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
16833	521	700	$\frac{4}{175}$	$\frac{1}{5}$	$\frac{179}{700}$	$\frac{171}{350}$	$\Phi_{700}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_7\ \Phi_4\ \Phi_1$
16834	521	960	$\frac{1}{40}$	$\frac{41}{480}$	$\frac{439}{960}$	$\frac{39}{80}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{80}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
16835	521	720	$\frac{1}{40}$	$\frac{41}{240}$	$\frac{199}{720}$	$\frac{39}{80}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
16836	521	640	$\frac{1}{40}$	$\frac{119}{640}$	$\frac{41}{160}$	$\frac{39}{80}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
16837	521	1008	$\frac{17}{504}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{487}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
16838	521	630	$\frac{4}{105}$	$\frac{109}{630}$	$\frac{1}{5}$	$\frac{101}{210}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1$
16839	521	704	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{183}{704}$	$\frac{169}{352}$	$\Phi_{704}\ \Phi_{176}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
16840	521	1000	$\frac{21}{500}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{479}{1000}$	$\Phi_{1000}\ \Phi_{200}\ \Phi_{40}\ \Phi_{25}\ \Phi_8\ \Phi_1$
16841	521	600	$\frac{4}{75}$	$\frac{79}{600}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
16842	521	980	$\frac{31}{490}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{459}{980}$	$\Phi_{980}\ \Phi_{196}\ \Phi_{140}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_4\ \Phi_1$
16843	521	960	$\frac{1}{20}$	$\frac{41}{480}$	$\frac{19}{60}$	$\frac{439}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
16844	521	960	$\frac{41}{480}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{439}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
16845	521	720	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{199}{720}$	$\frac{161}{360}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
16846	521	936	$\frac{1}{26}$	$\frac{53}{468}$	$\frac{25}{78}$	$\frac{415}{936}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{39}\ \Phi_{24}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
16847	521	560	$\frac{39}{560}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
16848	521	768	$\frac{9}{256}$	$\frac{1}{8}$	$\frac{247}{768}$	$\frac{7}{16}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
16849	521	544	$\frac{23}{544}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
16850	521	640	$\frac{9}{128}$	$\frac{1}{8}$	$\frac{119}{640}$	$\frac{7}{16}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
16851	521	576	$\frac{55}{576}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
16852	521	728	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{207}{728}$	$\frac{157}{364}$	$\Phi_{728}\ \Phi_{182}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
16853	521	576	$\frac{55}{576}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
16854	521	900	$\frac{4}{75}$	$\frac{71}{450}$	$\frac{1}{5}$	$\frac{379}{900}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{180}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
16855	521	550	$\frac{29}{550}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{550}\ \Phi_{275}\ \Phi_{110}\ \Phi_{55}\ \Phi_{25}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
16856	521	880	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{81}{440}$	$\frac{359}{880}$	$\Phi_{880}\ \Phi_{176}\ \Phi_{88}\ \Phi_{80}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
16857	521	840	$\frac{4}{105}$	$\frac{1}{5}$	$\frac{101}{420}$	$\frac{319}{840}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_8\ \Phi_7\ \Phi_3\ \Phi_1$
16858	521	540	$\frac{19}{540}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
16859	521	600	$\frac{1}{20}$	$\frac{79}{600}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
16860	521	624	$\frac{1}{26}$	$\frac{103}{624}$	$\frac{25}{78}$	$\frac{53}{156}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{104}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
16861	521	780	$\frac{1}{65}$	$\frac{64}{195}$	$\frac{259}{780}$	$\frac{131}{390}$	$\Phi_{780}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
16862	521	702	$\frac{1}{26}$	$\frac{53}{234}$	$\frac{181}{702}$	$\frac{25}{78}$	$\Phi_{702}\ \Phi_{351}\ \Phi_{78}\ \Phi_{54}\ \Phi_{39}\ \Phi_{27}\ \Phi_6\ \Phi_3\ \Phi_1$
16863	521	765	$\frac{11}{255}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{244}{765}$	$\Phi_{765}\ \Phi_{153}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
16864	521	720	$\frac{1}{20}$	$\frac{41}{240}$	$\frac{199}{720}$	$\frac{19}{60}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
16865	521	675	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{154}{675}$	$\frac{71}{225}$	$\Phi_{675}\ \Phi_{135}\ \Phi_{75}\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
16866	521	750	$\frac{21}{250}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{229}{750}$	$\Phi_{750}\ \Phi_{375}\ \Phi_{150}\ \Phi_{75}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
16867	521	576	$\frac{55}{576}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
16868	521	672	$\frac{17}{168}$	$\frac{1}{8}$	$\frac{151}{672}$	$\frac{7}{24}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{112}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
16869	521	735	$\frac{4}{35}$	$\frac{31}{245}$	$\frac{1}{5}$	$\frac{214}{735}$	$\Phi_{735}\ \Phi_{147}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_3\ \Phi_1$
16870	521	720	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{240}$	$\frac{199}{720}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
16871	521	600	$\frac{79}{600}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
16872	521	625	$\frac{4}{25}$	$\frac{104}{625}$	$\frac{21}{125}$	$\frac{1}{5}$	$\Phi_{625}\ \Phi_{25}\ \Phi_1$
16873	522	860	$\frac{1}{86}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{85}{172}$	$\Phi_{860}\ \Phi_{172}^2\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
16874	522	516	$\frac{1}{86}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{85}{172}$	$\Phi_{516}\ \Phi_{258}^2\ \Phi_{129}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
16875	522	912	$\frac{1}{57}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{28}{57}$	$\Phi_{912}\ \Phi_{304}\ \Phi_{57}\ \Phi_{48}\ \Phi_{19}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
16876	522	228	$\frac{1}{57}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{28}{57}$	$\Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{19}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
16877	522	340	$\frac{2}{85}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{83}{170}$	$\Phi_{340}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{20}^3\ \Phi_{17}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
16878	522	521	$\frac{13}{521}$	$\frac{89}{521}$	$\frac{144}{521}$	$\frac{254}{521}$	$\Phi_{521}\ \Phi_1^2$
16879	522	140	$\frac{1}{35}$	$\frac{6}{35}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{140}^5\ \Phi_{70}^5\ \Phi_{28}^5\ \Phi_{20}^5\ \Phi_{14}^5\ \Phi_{10}^5\ \Phi_4^4\ \Phi_2^4$
16880	522	952	$\frac{1}{28}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{27}{56}$	$\Phi_{952}\ \Phi_{136}\ \Phi_{56}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_1^2$
16881	522	840	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{840}^2\ \Phi_{168}\ \Phi_{120}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
16882	522	952	$\frac{1}{28}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{27}{56}$	$\Phi_{952}\ \Phi_{136}\ \Phi_{56}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_1^2$
16883	522	56	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{56}^{18}\ \Phi_{28}\ \Phi_{14}\ \Phi_8^{18}$
16884	522	100	$\frac{1}{25}$	$\frac{13}{100}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{100}^5\ \Phi_{50}^5\ \Phi_{25}^6\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
16885	522	714	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{8}{17}$	$\Phi_{714}\ \Phi_{357}\ \Phi_{102}\ \Phi_{51}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{17}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
16886	522	544	$\frac{1}{17}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{32}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
16887	522	595	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{8}{17}$	$\Phi_{595}\ \Phi_{85}\ \Phi_{35}^2\ \Phi_{17}\ \Phi_5^2\ \Phi_1^2$
16888	522	1026	$\frac{1}{19}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1026}\ \Phi_{342}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
16889	522	1120	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{73}{160}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
16890	522	760	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{760}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{38}$
16891	522	240	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{240}^4\ \Phi_{80}^4\ \Phi_{48}^3\ \Phi_{30}^2\ \Phi_{16}^4\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
16892	522	304	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{9}{38}$	$\frac{7}{16}$	$\Phi_{304}^3\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{16}^4\ \Phi_2^2\ \Phi_1^2$
16893	522	224	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{224}^3\ \Phi_{112}^2\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^2$
16894	522	154	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{7}$	$\frac{67}{154}$	$\Phi_{154}^6\ \Phi_{77}\ \Phi_{22}^6\ \Phi_{14}^6\ \Phi_2^6$
16895	522	364	$\frac{4}{91}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{364}^2\ \Phi_{182}^2\ \Phi_{52}^2\ \Phi_{28}\ \Phi_{26}^2\ \Phi_{14}$
16896	522	100	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{1}{4}$	$\frac{21}{50}$	$\Phi_{100}^7\ \Phi_{50}\ \Phi_{25}^6\ \Phi_{20}^7\ \Phi_{10}\ \Phi_5^6\ \Phi_4^6\ \Phi_1^6$
16897	522	950	$\frac{1}{19}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{950}\ \Phi_{190}\ \Phi_{95}\ \Phi_{38}$
16898	522	684	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
16899	522	215	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{14}{43}$	$\frac{2}{5}$	$\Phi_{215}^2\ \Phi_{43}^4\ \Phi_5^3\ \Phi_1^6$
16900	522	60	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{60}^{12}\ \Phi_{30}^6\ \Phi_{20}^{11}\ \Phi_{15}^6\ \Phi_{12}^{12}\ \Phi_{10}^5\ \Phi_6^6\ \Phi_5^6\ \Phi_4^{10}\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
16901	522	912	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{912}\ \Phi_{304}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
16902	522	521	$\frac{11}{521}$	$\frac{117}{521}$	$\frac{170}{521}$	$\frac{202}{521}$	$\Phi_{521}\ \Phi_1^2$
16903	522	140	$\frac{1}{35}$	$\frac{17}{70}$	$\frac{1}{4}$	$\frac{53}{140}$	$\Phi_{140}^3\ \Phi_{70}^5\ \Phi_{35}^4\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^5\ \Phi_{10}^5\ \Phi_7^4\ \Phi_5^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
16904	522	570	$\frac{1}{30}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{57}\ \Phi_{38}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
16905	522	308	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{308}^3\ \Phi_{154}\ \Phi_{77}\ \Phi_{28}^3\ \Phi_{14}$
16906	522	521	$\frac{14}{521}$	$\frac{115}{521}$	$\frac{169}{521}$	$\frac{176}{521}$	$\Phi_{521}\ \Phi_1^2$
16907	522	700	$\frac{4}{175}$	$\frac{1}{4}$	$\frac{57}{175}$	$\frac{59}{175}$	$\Phi_{700}\ \Phi_{350}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{50}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
16908	522	516	$\frac{1}{43}$	$\frac{1}{4}$	$\frac{14}{43}$	$\frac{1}{3}$	$\Phi_{516}^2\ \Phi_{258}^2\ \Phi_{12}^3\ \Phi_6^3$
16909	522	786	$\frac{7}{262}$	$\frac{59}{262}$	$\frac{85}{262}$	$\frac{1}{3}$	$\Phi_{786}\ \Phi_{393}\ \Phi_6$
16910	522	210	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^4\ \Phi_{42}\ \Phi_{35}^4\ \Phi_{30}^3\ \Phi_{21}\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{10}^4\ \Phi_7^2\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
16911	522	60	$\frac{1}{30}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^8\ \Phi_{30}^{10}\ \Phi_{20}^8\ \Phi_{15}^{10}\ \Phi_{12}^6\ \Phi_{10}^{10}\ \Phi_6^8\ \Phi_5^{10}\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
16912	522	480	$\frac{3}{32}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
16913	522	684	$\frac{1}{19}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
16914	522	210	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{210}^4\ \Phi_{105}^3\ \Phi_{42}^4\ \Phi_{30}^5\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_6^5\ \Phi_3^4$
16915	522	300	$\frac{1}{25}$	$\frac{17}{75}$	$\frac{1}{4}$	$\frac{8}{25}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{100}\ \Phi_{60}^3\ \Phi_{50}\ \Phi_{30}^3\ \Phi_{20}\ \Phi_{12}^3\ \Phi_{10}\ \Phi_6^3$
16916	522	340	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{27}{85}$	$\Phi_{340}^2\ \Phi_{170}^2\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_4^2\ \Phi_2^2$
16917	522	714	$\frac{1}{14}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{13}{42}$	$\Phi_{714}\ \Phi_{357}\ \Phi_{102}\ \Phi_{51}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{17}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
16918	522	84	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{84}^{12}\ \Phi_{42}^6\ \Phi_{28}\ \Phi_{21}^6\ \Phi_{14}\ \Phi_{12}^{12}\ \Phi_6^6\ \Phi_3^6$
16919	522	544	$\frac{3}{32}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{32}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
16920	522	595	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{5}{17}$	$\Phi_{595}\ \Phi_{85}\ \Phi_{35}^2\ \Phi_{17}\ \Phi_5^2\ \Phi_1^2$
16921	522	252	$\frac{5}{63}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{18}^3\ \Phi_{14}\ \Phi_{12}^3\ \Phi_6^3$
16922	522	280	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{280}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^2$
16923	522	76	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{76}^6\ \Phi_{38}^8\ \Phi_{19}^7\ \Phi_4^8\ \Phi_2^{10}\ \Phi_1^{10}$
16924	522	224	$\frac{3}{32}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{224}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{28}\ \Phi_{14}$
16925	522	112	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{112}^6\ \Phi_{56}^6\ \Phi_{28}\ \Phi_{16}^6\ \Phi_{14}\ \Phi_8^6$
16926	522	196	$\frac{11}{98}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{196}^4\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{28}\ \Phi_{14}$
16927	522	140	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{140}^6\ \Phi_{70}^6\ \Phi_{28}\ \Phi_{20}^6\ \Phi_{14}\ \Phi_{10}^6$
16928	523	1032	$\frac{7}{516}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{509}{1032}$	$\Phi_{1032}\ \Phi_{344}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
16929	523	928	$\frac{1}{58}$	$\frac{59}{464}$	$\frac{405}{928}$	$\frac{57}{116}$	$\Phi_{928}\ \Phi_{116}\ \Phi_{32}\ \Phi_4\ \Phi_1$
16930	523	696	$\frac{1}{58}$	$\frac{173}{696}$	$\frac{59}{232}$	$\frac{57}{116}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
16931	523	630	$\frac{2}{105}$	$\frac{107}{630}$	$\frac{1}{3}$	$\frac{103}{210}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_1$
16932	523	1020	$\frac{13}{510}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{497}{1020}$	$\Phi_{1020}\ \Phi_{340}\ \Phi_{204}\ \Phi_{68}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
16933	523	600	$\frac{2}{75}$	$\frac{77}{600}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
16934	523	1008	$\frac{19}{504}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{485}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{48}\ \Phi_{36}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
16935	523	1008	$\frac{19}{504}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{485}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{48}\ \Phi_{21}\ \Phi_{16}\ \Phi_7\ \Phi_1$
16936	523	1008	$\frac{19}{504}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{485}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
16937	523	756	$\frac{1}{18}$	$\frac{19}{252}$	$\frac{233}{756}$	$\frac{17}{36}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
16938	523	576	$\frac{1}{18}$	$\frac{53}{576}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
16939	523	972	$\frac{1}{18}$	$\frac{37}{486}$	$\frac{17}{54}$	$\frac{449}{972}$	$\Phi_{972}\ \Phi_{324}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
16940	523	960	$\frac{43}{480}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{437}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
16941	523	720	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{197}{720}$	$\frac{163}{360}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
16942	523	546	$\frac{23}{546}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{546}\ \Phi_{273}\ \Phi_{182}\ \Phi_{91}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}\ \Phi_{21}\ \Phi_{13}\ \Phi_7\ \Phi_1$
16943	523	576	$\frac{53}{576}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
16944	523	924	$\frac{5}{66}$	$\frac{61}{462}$	$\frac{1}{6}$	$\frac{401}{924}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{28}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
16945	523	540	$\frac{17}{540}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
16946	523	648	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{125}{648}$	$\frac{91}{216}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
16947	523	900	$\frac{2}{75}$	$\frac{73}{450}$	$\frac{1}{3}$	$\frac{377}{900}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{180}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
16948	523	900	$\frac{1}{18}$	$\frac{73}{450}$	$\frac{17}{90}$	$\frac{377}{900}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{180}\ \Phi_{100}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
16949	523	864	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{91}{432}$	$\frac{341}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
16950	523	840	$\frac{2}{105}$	$\frac{103}{420}$	$\frac{1}{3}$	$\frac{317}{840}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
16951	523	792	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{127}{396}$	$\frac{269}{792}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
16952	523	675	$\frac{2}{75}$	$\frac{152}{675}$	$\frac{73}{225}$	$\frac{1}{3}$	$\Phi_{675}\ \Phi_{135}\ \Phi_{75}\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_1$
16953	523	765	$\frac{13}{255}$	$\frac{2}{15}$	$\frac{242}{765}$	$\frac{1}{3}$	$\Phi_{765}\ \Phi_{153}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
16954	523	756	$\frac{19}{252}$	$\frac{2}{21}$	$\frac{233}{756}$	$\frac{1}{3}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{21}\ \Phi_7\ \Phi_1$
16955	523	567	$\frac{44}{567}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{567}\ \Phi_{189}\ \Phi_{81}\ \Phi_{27}\ \Phi_{21}\ \Phi_7\ \Phi_1$
16956	523	588	$\frac{2}{21}$	$\frac{65}{588}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{588}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{21}\ \Phi_7\ \Phi_1$
16957	523	672	$\frac{2}{21}$	$\frac{19}{168}$	$\frac{149}{672}$	$\frac{1}{3}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{112}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{21}\ \Phi_{16}\ \Phi_7\ \Phi_1$
16958	523	630	$\frac{2}{21}$	$\frac{19}{126}$	$\frac{107}{630}$	$\frac{1}{3}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
16959	523	648	$\frac{1}{18}$	$\frac{125}{648}$	$\frac{37}{162}$	$\frac{17}{54}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
16960	523	720	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{240}$	$\frac{197}{720}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
16961	523	576	$\frac{53}{576}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
16962	523	672	$\frac{19}{168}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{149}{672}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{112}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
16963	524	780	$\frac{1}{130}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{129}{260}$	$\Phi_{780}\ \Phi_{260}^2\ \Phi_{156}\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
16964	524	1290	$\frac{2}{129}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{127}{258}$	$\Phi_{1290}\ \Phi_{430}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
16965	524	880	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{45}{176}$	$\frac{43}{88}$	$\Phi_{880}\ \Phi_{220}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{20}\ \Phi_{10}$
16966	524	1280	$\frac{3}{128}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{125}{256}$	$\Phi_{1280}\ \Phi_{20}\ \Phi_{10}$
16967	524	1260	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{121}{252}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{180}\ \Phi_{140}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
16968	524	1210	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{111}{242}$	$\Phi_{1210}\ \Phi_{110}\ \Phi_{55}\ \Phi_{10}$
16969	524	720	$\frac{1}{12}$	$\frac{13}{144}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
16970	524	240	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{5}$	$\frac{109}{240}$	$\Phi_{240}^4\ \Phi_{80}^4\ \Phi_{60}\ \Phi_{48}^4\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{15}\ \Phi_{10}$
16971	524	220	$\frac{1}{22}$	$\frac{21}{110}$	$\frac{1}{5}$	$\frac{89}{220}$	$\Phi_{220}^4\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}^4\ \Phi_{20}^4\ \Phi_{10}\ \Phi_4^4$
16972	524	680	$\frac{5}{136}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{20}\ \Phi_{10}$
16973	524	990	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{32}{99}$	$\frac{67}{198}$	$\Phi_{990}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}\ \Phi_{55}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
16974	524	195	$\frac{1}{65}$	$\frac{64}{195}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^3\ \Phi_{65}^2\ \Phi_{39}^3\ \Phi_{15}^3\ \Phi_{13}^2\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
16975	524	135	$\frac{4}{135}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{135}^4\ \Phi_{45}^4\ \Phi_{27}^4\ \Phi_{15}^3\ \Phi_9^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
16976	524	156	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{156}^4\ \Phi_{78}^3\ \Phi_{52}^4\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{12}^4\ \Phi_6^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
16977	524	420	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
16978	524	429	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{429}\ \Phi_{143}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
16979	524	960	$\frac{3}{64}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{61}{192}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
16980	524	720	$\frac{13}{144}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
16981	524	180	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{49}{180}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}\ \Phi_9^4$
16982	524	720	$\frac{13}{144}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
16983	524	160	$\frac{3}{32}$	$\frac{29}{160}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{160}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{32}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
16984	524	840	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{37}{168}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{140}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
16985	525	208	$\frac{1}{104}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{103}{208}$	$\Phi_{208}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
16986	525	444	$\frac{1}{74}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{73}{148}$	$\Phi_{222}^2\ \Phi_{148}\ \Phi_{111}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
16987	525	1332	$\frac{1}{74}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{73}{148}$	$\Phi_{1332}\ \Phi_{148}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
16988	525	704	$\frac{3}{176}$	$\frac{1}{4}$	$\frac{179}{704}$	$\frac{173}{352}$	$\Phi_{704}\ \Phi_{176}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
16989	525	344	$\frac{3}{172}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{169}{344}$	$\Phi_{344}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
16990	525	1024	$\frac{13}{512}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{499}{1024}$	$\Phi_{1024}\ \Phi_{16}\ \Phi_8\ \Phi_1$
16991	525	476	$\frac{1}{34}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{33}{68}$	$\Phi_{238}^2\ \Phi_{119}^2\ \Phi_{68}\ \Phi_{34}^2\ \Phi_{28}\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
16992	525	476	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{33}{68}$	$\Phi_{476}^2\ \Phi_{68}^3\ \Phi_{28}^2\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
16993	525	204	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{204}^2\ \Phi_{102}^4\ \Phi_{68}\ \Phi_{51}^4\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{12}^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
16994	525	240	$\frac{1}{24}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{23}{48}$	$\Phi_{240}^4\ \Phi_{80}^4\ \Phi_{48}^5\ \Phi_{40}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
16995	525	240	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{23}{48}$	$\Phi_{240}^4\ \Phi_{80}^4\ \Phi_{48}^5\ \Phi_{16}^5\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
16996	525	48	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{48}^{21}\ \Phi_{16}^{21}\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
16997	525	1200	$\frac{1}{24}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{48}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
16998	525	1080	$\frac{1}{20}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{72}\ \Phi_{40}\ \Phi_{27}\ \Phi_9\ \Phi_8\ \Phi_1$
16999	525	360	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{19}{40}$	$\Phi_{360}^4\ \Phi_{72}^4\ \Phi_{40}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
17000	525	280	$\frac{1}{20}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{280}^4\ \Phi_{56}^4\ \Phi_{40}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
17001	525	160	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{19}{40}$	$\Phi_{160}^4\ \Phi_{80}^4\ \Phi_{40}\ \Phi_{32}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
17002	525	120	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{120}^8\ \Phi_{40}^9\ \Phi_{24}^8\ \Phi_8^9\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
17003	525	528	$\frac{2}{33}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{48}^2\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
17004	525	132	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{31}{66}$	$\Phi_{132}^5\ \Phi_{44}^6\ \Phi_{33}^5\ \Phi_{22}\ \Phi_{12}^5\ \Phi_{11}^5\ \Phi_4^5\ \Phi_3^5\ \Phi_1^5$
17005	525	192	$\frac{1}{16}$	$\frac{17}{192}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
17006	525	1428	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{16}{51}$	$\frac{13}{28}$	$\Phi_{1428}\ \Phi_{204}\ \Phi_{84}\ \Phi_{51}\ \Phi_{28}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
17007	525	476	$\frac{1}{14}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{13}{28}$	$\Phi_{476}^2\ \Phi_{68}^2\ \Phi_{28}^3\ \Phi_{17}^2\ \Phi_4^3\ \Phi_1^3$
17008	525	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{168}^4\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^4\ \Phi_{28}\ \Phi_{24}^6\ \Phi_{21}^4\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_8^3\ \Phi_7^2\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
17009	525	48	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{48}^{11}\ \Phi_{24}^{12}\ \Phi_{16}^{10}\ \Phi_{12}^{11}\ \Phi_8^{11}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
17010	525	968	$\frac{3}{44}$	$\frac{41}{484}$	$\frac{1}{4}$	$\frac{443}{968}$	$\Phi_{968}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
17011	525	64	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{64}^{15}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
17012	525	44	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{1}{4}$	$\frac{19}{44}$	$\Phi_{44}^9\ \Phi_{22}^{15}\ \Phi_{11}^{15}\ \Phi_4^8\ \Phi_2^{14}\ \Phi_1^{15}$
17013	525	444	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{12}{37}$	$\frac{5}{12}$	$\Phi_{444}^2\ \Phi_{148}^2\ \Phi_{37}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
17014	525	156	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{156}^{2}\ \Phi_{78}^{4}\ \Phi_{52}^{4}\ \Phi_{39}^{4}\ \Phi_{26}^{5}\ \Phi_{13}^{5}\ \Phi_{12}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
17015	525	444	$\frac{2}{37}$	$\frac{1}{6}$	$\frac{7}{37}$	$\frac{5}{12}$	$\Phi_{444}^{2}\ \Phi_{148}^{2}\ \Phi_{37}^{2}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
17016	525	48	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{48}^{12}\ \Phi_{24}^{12}\ \Phi_{16}^{11}\ \Phi_{12}^{7}\ \Phi_{8}^{11}\ \Phi_{6}^{11}\ \Phi_{4}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
17017	525	544	$\frac{19}{544}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
17018	525	131	$\frac{6}{131}$	$\frac{25}{131}$	$\frac{26}{131}$	$\frac{53}{131}$	$\Phi_{131}^{4}\ \Phi_{1}^{5}$
17019	525	176	$\frac{3}{88}$	$\frac{17}{88}$	$\frac{1}{4}$	$\frac{71}{176}$	$\Phi_{176}^{5}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}^{5}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
17020	525	104	$\frac{1}{52}$	$\frac{1}{4}$	$\frac{17}{52}$	$\frac{3}{8}$	$\Phi_{104}^{8}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
17021	525	72	$\frac{1}{36}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^{12}\ \Phi_{36}^{3}\ \Phi_{24}^{12}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{9}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
17022	525	104	$\frac{1}{26}$	$\frac{5}{26}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{104}^{8}\ \Phi_{26}^{4}\ \Phi_{13}^{4}\ \Phi_{8}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
17023	525	264	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^{4}\ \Phi_{88}^{2}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
17024	525	208	$\frac{5}{104}$	$\frac{33}{208}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{208}^{3}\ \Phi_{104}^{2}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{16}^{3}\ \Phi_{13}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
17025	525	104	$\frac{3}{52}$	$\frac{7}{52}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{104}^{8}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
17026	525	16	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{16}^{35}\ \Phi_{8}^{31}\ \Phi_{4}^{30}\ \Phi_{2}^{30}\ \Phi_{1}^{31}$
17027	525	312	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^{3}\ \Phi_{104}^{2}\ \Phi_{39}^{3}\ \Phi_{24}^{3}\ \Phi_{13}^{2}\ \Phi_{8}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
17028	525	432	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{432}\ \Phi_{216}\ \Phi_{144}^{2}\ \Phi_{108}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{27}\ \Phi_{24}^{2}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
17029	525	152	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{152}^{4}\ \Phi_{76}^{4}\ \Phi_{38}\ \Phi_{19}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
17030	525	264	$\frac{1}{44}$	$\frac{1}{4}$	$\frac{43}{132}$	$\frac{89}{264}$	$\Phi_{264}^{3}\ \Phi_{88}^{3}\ \Phi_{44}^{3}\ \Phi_{24}^{3}\ \Phi_{22}^{3}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
17031	525	333	$\frac{1}{37}$	$\frac{2}{9}$	$\frac{12}{37}$	$\frac{1}{3}$	$\Phi_{333}^{2}\ \Phi_{37}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
17032	525	51	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{51}^{8}\ \Phi_{17}^{15}\ \Phi_{3}^{7}\ \Phi_{1}^{15}$
17033	525	270	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{270}^{2}\ \Phi_{135}^{2}\ \Phi_{90}^{2}\ \Phi_{54}^{2}\ \Phi_{45}^{2}\ \Phi_{27}^{3}\ \Phi_{18}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
17034	525	468	$\frac{1}{26}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{468}^{2}\ \Phi_{234}\ \Phi_{117}\ \Phi_{52}^{2}\ \Phi_{36}\ \Phi_{26}\ \Phi_{13}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
17035	525	216	$\frac{2}{27}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{216}^{3}\ \Phi_{108}^{2}\ \Phi_{72}^{3}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{3}\ \Phi_{18}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
17036	525	333	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{333}^{2}\ \Phi_{37}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
17037	525	144	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{144}^{5}\ \Phi_{72}^{5}\ \Phi_{48}^{2}\ \Phi_{36}^{5}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
17038	525	675	$\frac{2}{27}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{27}\ \Phi_{25}\ \Phi_{9}\ \Phi_{1}$
17039	525	256	$\frac{13}{256}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{81}{256}$	$\Phi_{256}^{2}\ \Phi_{128}^{2}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
17040	525	357	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{16}{51}$	$\Phi_{357}^{2}\ \Phi_{51}^{3}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
17041	525	204	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{204}^{3}\ \Phi_{102}\ \Phi_{68}^{4}\ \Phi_{51}^{2}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{12}^{5}\ \Phi_{6}^{2}\ \Phi_{4}^{5}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
17042	525	180	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{11}{36}$	$\Phi_{180}^{4}\ \Phi_{90}^{4}\ \Phi_{45}^{4}\ \Phi_{36}^{5}\ \Phi_{18}^{5}\ \Phi_{10}^{2}\ \Phi_{9}^{5}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
17043	525	72	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{72}^{12}\ \Phi_{36}^{9}\ \Phi_{18}^{9}\ \Phi_{9}^{9}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
17044	525	900	$\frac{1}{12}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{225}\ \Phi_{36}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
17045	525	396	$\frac{1}{11}$	$\frac{23}{198}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{396}^{2}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{44}^{2}\ \Phi_{36}^{2}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
17046	525	140	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{140}^{4}\ \Phi_{70}^{4}\ \Phi_{35}^{4}\ \Phi_{28}^{5}\ \Phi_{14}^{5}\ \Phi_{10}^{2}\ \Phi_{7}^{5}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
17047	525	160	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{3}{10}$	$\Phi_{160}^{4}\ \Phi_{80}^{4}\ \Phi_{32}^{5}\ \Phi_{16}^{5}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
17048	525	30	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{30}^{16}\ \Phi_{15}^{16}\ \Phi_{10}^{18}\ \Phi_{6}^{20}\ \Phi_{5}^{18}\ \Phi_{3}^{20}\ \Phi_{2}^{22}\ \Phi_{1}^{23}$
17049	525	262	$\frac{31}{262}$	$\frac{37}{262}$	$\frac{45}{262}$	$\frac{77}{262}$	$\Phi_{262}^{2}\ \Phi_{131}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
17050	525	318	$\frac{13}{106}$	$\frac{15}{106}$	$\frac{1}{6}$	$\frac{31}{106}$	$\Phi_{318}^{2}\ \Phi_{159}^{2}\ \Phi_{106}\ \Phi_{53}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
17051	525	192	$\frac{17}{192}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{192}^{3}\ \Phi_{96}^{3}\ \Phi_{64}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
17052	525	119	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{3}{17}$	$\frac{2}{7}$	$\Phi_{119}^4\ \Phi_{17}^6\ \Phi_7^6\ \Phi_1^9$
17053	525	168	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{168}^4\ \Phi_{84}^4\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^6\ \Phi_{21}^2\ \Phi_{12}^6\ \Phi_8^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
17054	525	262	$\frac{27}{262}$	$\frac{43}{262}$	$\frac{47}{262}$	$\frac{73}{262}$	$\Phi_{262}^2\ \Phi_{131}^2\ \Phi_2^2\ \Phi_1^3$
17055	525	152	$\frac{1}{8}$	$\frac{11}{76}$	$\frac{13}{76}$	$\frac{21}{76}$	$\Phi_{152}^4\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
17056	525	131	$\frac{16}{131}$	$\frac{19}{131}$	$\frac{23}{131}$	$\frac{36}{131}$	$\Phi_{131}^4\ \Phi_1^5$
17057	525	318	$\frac{11}{106}$	$\frac{1}{6}$	$\frac{19}{106}$	$\frac{29}{106}$	$\Phi_{318}^2\ \Phi_{159}^2\ \Phi_{106}\ \Phi_{53}\ \Phi_6\ \Phi_3\ \Phi_1$
17058	525	48	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{48}^{15}\ \Phi_{24}^{15}\ \Phi_{16}^3\ \Phi_{12}^{15}\ \Phi_8^3\ \Phi_6^{15}\ \Phi_4^2\ \Phi_3^{15}\ \Phi_2^2\ \Phi_1^3$
17059	525	56	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{56}^{12}\ \Phi_{28}^9\ \Phi_{14}^9\ \Phi_8^3\ \Phi_7^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
17060	525	32	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{32}^{21}\ \Phi_{16}^{21}\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
17061	525	44	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{44}$	$\frac{1}{4}$	$\Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_{11}^{15}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{15}$
17062	525	192	$\frac{17}{192}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^2\ \Phi_{48}^3\ \Phi_{32}^2\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
17063	525	700	$\frac{3}{28}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{28}\ \Phi_{25}\ \Phi_{14}\ \Phi_7\ \Phi_1$
17064	525	128	$\frac{13}{128}$	$\frac{23}{128}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{128}^4\ \Phi_{64}^4\ \Phi_{32}^4\ \Phi_{16}^5\ \Phi_8^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
17065	525	204	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{204}^4\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_{12}^6\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
17066	525	176	$\frac{21}{176}$	$\frac{29}{176}$	$\frac{31}{176}$	$\frac{1}{4}$	$\Phi_{176}^3\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{16}^3\ \Phi_{11}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
17067	525	24	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{24}^{24}\ \Phi_{12}^{16}\ \Phi_8^{27}\ \Phi_6^{20}\ \Phi_4^{18}\ \Phi_3^{20}\ \Phi_2^{22}\ \Phi_1^{23}$
17068	525	800	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
17069	525	150	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{150}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{25}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
17070	526	522	$\frac{2}{261}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{259}{522}$	$\Phi_{522}^2\ \Phi_{174}^2\ \Phi_{58}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17071	526	420	$\frac{1}{105}$	$\frac{53}{210}$	$\frac{157}{420}$	$\frac{52}{105}$	$\Phi_{420}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
17072	526	1056	$\frac{1}{88}$	$\frac{89}{352}$	$\frac{1}{3}$	$\frac{87}{176}$	$\Phi_{1056}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
17073	526	520	$\frac{3}{260}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{257}{520}$	$\Phi_{520}^2\ \Phi_{104}^2\ \Phi_{40}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
17074	526	1560	$\frac{3}{260}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{257}{520}$	$\Phi_{1560}\ \Phi_{312}\ \Phi_{120}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
17075	526	450	$\frac{1}{75}$	$\frac{38}{225}$	$\frac{187}{450}$	$\frac{37}{75}$	$\Phi_{450}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17076	526	518	$\frac{4}{259}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{255}{518}$	$\Phi_{518}^2\ \Phi_{74}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
17077	526	516	$\frac{5}{258}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{253}{516}$	$\Phi_{516}^2\ \Phi_{172}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17078	526	1536	$\frac{7}{256}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{249}{512}$	$\Phi_{1536}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
17079	526	490	$\frac{1}{35}$	$\frac{18}{245}$	$\frac{227}{490}$	$\frac{17}{35}$	$\Phi_{490}^2\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
17080	526	510	$\frac{8}{255}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{247}{510}$	$\Phi_{510}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17081	526	1518	$\frac{10}{253}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{243}{506}$	$\Phi_{1518}\ \Phi_{138}\ \Phi_{66}\ \Phi_{33}\ \Phi_6$
17082	526	500	$\frac{1}{25}$	$\frac{13}{250}$	$\frac{237}{500}$	$\frac{12}{25}$	$\Phi_{500}^2\ \Phi_{100}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
17083	526	375	$\frac{1}{25}$	$\frac{13}{125}$	$\frac{112}{375}$	$\frac{12}{25}$	$\Phi_{375}^2\ \Phi_{75}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
17084	526	300	$\frac{1}{25}$	$\frac{37}{300}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
17085	526	288	$\frac{1}{24}$	$\frac{25}{288}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17086	526	504	$\frac{11}{252}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{241}{504}$	$\Phi_{504}^2\ \Phi_{168}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_8^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
17087	526	504	$\frac{11}{252}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{241}{504}$	$\Phi_{504}^2\ \Phi_{168}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17088	526	504	$\frac{11}{252}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{241}{504}$	$\Phi_{504}^2\ \Phi_{168}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{24}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
17089	526	378	$\frac{1}{21}$	$\frac{11}{126}$	$\frac{115}{378}$	$\frac{10}{21}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
17090	526	294	$\frac{1}{21}$	$\frac{31}{294}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{294}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
17091	526	336	$\frac{1}{21}$	$\frac{11}{84}$	$\frac{73}{336}$	$\frac{10}{21}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
17092	526	315	$\frac{1}{21}$	$\frac{52}{315}$	$\frac{11}{63}$	$\frac{10}{21}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
17093	526	495	$\frac{2}{33}$	$\frac{31}{495}$	$\frac{1}{3}$	$\frac{232}{495}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
17094	526	495	$\frac{31}{495}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{232}{495}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
17095	526	360	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{97}{360}$	$\frac{83}{180}$	$\Phi_{360}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17096	526	1452	$\frac{1}{22}$	$\frac{21}{242}$	$\frac{1}{3}$	$\frac{221}{484}$	$\Phi_{1452}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
17097	526	480	$\frac{1}{24}$	$\frac{23}{240}$	$\frac{1}{3}$	$\frac{217}{480}$	$\Phi_{480}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17098	526	480	$\frac{1}{15}$	$\frac{23}{240}$	$\frac{7}{30}$	$\frac{217}{480}$	$\Phi_{480}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17099	526	816	$\frac{9}{272}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
17100	526	462	$\frac{1}{33}$	$\frac{32}{231}$	$\frac{1}{3}$	$\frac{199}{462}$	$\Phi_{462}^2\ \Phi_{154}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17101	526	450	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{38}{225}$	$\frac{187}{450}$	$\Phi_{450}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17102	526	1320	$\frac{1}{44}$	$\frac{43}{220}$	$\frac{1}{3}$	$\frac{177}{440}$	$\Phi_{1320}\ \Phi_{264}\ \Phi_{132}\ \Phi_{120}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
17103	526	390	$\frac{3}{130}$	$\frac{1}{5}$	$\frac{127}{390}$	$\frac{2}{5}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
17104	526	270	$\frac{7}{270}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
17105	526	325	$\frac{3}{65}$	$\frac{62}{325}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{325}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
17106	526	280	$\frac{17}{280}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{280}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
17107	526	280	$\frac{17}{280}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{280}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
17108	526	300	$\frac{1}{15}$	$\frac{37}{300}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17109	526	420	$\frac{1}{35}$	$\frac{17}{70}$	$\frac{53}{210}$	$\frac{157}{420}$	$\Phi_{420}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
17110	526	405	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{121}{405}$	$\frac{142}{405}$	$\Phi_{405}\ \Phi_{135}^2\ \Phi_{81}\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
17111	526	399	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{127}{399}$	$\frac{136}{399}$	$\Phi_{399}\ \Phi_{133}^2\ \Phi_{57}\ \Phi_{21}\ \Phi_{19}^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
17112	526	396	$\frac{1}{66}$	$\frac{65}{198}$	$\frac{1}{3}$	$\frac{133}{396}$	$\Phi_{396}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17113	526	348	$\frac{2}{87}$	$\frac{85}{348}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{348}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17114	526	270	$\frac{7}{270}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17115	526	384	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{121}{384}$	$\frac{1}{3}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17116	526	297	$\frac{2}{33}$	$\frac{34}{297}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{297}^2\ \Phi_{99}\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
17117	526	288	$\frac{1}{12}$	$\frac{25}{288}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17118	526	360	$\frac{1}{24}$	$\frac{23}{120}$	$\frac{97}{360}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17119	526	312	$\frac{3}{52}$	$\frac{49}{312}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{312}^2\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17120	526	840	$\frac{17}{280}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
17121	526	288	$\frac{25}{288}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}\ \Phi_{72}^2\ \Phi_{48}\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
17122	526	336	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{336}$	$\frac{1}{3}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17123	526	330	$\frac{2}{33}$	$\frac{31}{165}$	$\frac{67}{330}$	$\frac{1}{3}$	$\Phi_{330}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17124	526	960	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{320}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
17125	526	378	$\frac{11}{126}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{115}{378}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
17126	526	360	$\frac{1}{15}$	$\frac{23}{120}$	$\frac{7}{30}$	$\frac{97}{360}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17127	526	294	$\frac{31}{294}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{294}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
17128	526	336	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{73}{336}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
17129	527	480	$\frac{1}{30}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{29}{60}$	$\Phi_{480}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{60}\ \Phi_{32}^3\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
17130	527	120	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{29}{60}$	$\Phi_{120}^4\ \Phi_{60}^5\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^5\ \Phi_5^4\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
17131	527	60	$\frac{1}{30}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{60}^9\ \Phi_{30}^8\ \Phi_{20}^{10}\ \Phi_{15}^8\ \Phi_{12}^9\ \Phi_{10}^9\ \Phi_6^8\ \Phi_5^9\ \Phi_4^9\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
17132	527	1056	$\frac{2}{33}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{33}\ \Phi_{32}\ \Phi_{11}\ \Phi_1$
17133	527	1440	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{15}{32}$	$\Phi_{1440}\ \Phi_{288}\ \Phi_{45}\ \Phi_{32}\ \Phi_9\ \Phi_1$
17134	527	160	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{15}{32}$	$\Phi_{160}^6\ \Phi_{40}\ \Phi_{32}^7\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
17135	527	1120	$\frac{1}{16}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{35}\ \Phi_{32}\ \Phi_7\ \Phi_1$
17136	527	288	$\frac{1}{16}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{288}^4\ \Phi_{96}^2\ \Phi_{36}\ \Phi_{32}^3\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
17137	527	504	$\frac{1}{18}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{504}^2\ \Phi_{168}^2\ \Phi_{72}^2\ \Phi_{56}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
17138	527	480	$\frac{1}{32}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
17139	527	96	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{96}^6\ \Phi_{48}^6\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^6\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
17140	527	144	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{144}^6\ \Phi_{72}^2\ \Phi_{48}^5\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{16}^5\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
17141	527	264	$\frac{2}{33}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{12}\ \Phi_{11}^3\ \Phi_6\ \Phi_3\ \Phi_1$
17142	527	660	$\frac{2}{33}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{55}\ \Phi_{33}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
17143	527	360	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{14}{45}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
17144	527	180	$\frac{1}{15}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{45}^5\ \Phi_{36}^4\ \Phi_{20}\ \Phi_{18}^4\ \Phi_{10}\ \Phi_9^5\ \Phi_5\ \Phi_1$
17145	527	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{40}$	$\frac{7}{24}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{40}\ \Phi_{30}^6\ \Phi_{24}^7\ \Phi_{20}\ \Phi_{15}^6\ \Phi_{12}^7\ \Phi_8\ \Phi_6^7\ \Phi_4\ \Phi_3^7\ \Phi_1$
17146	527	840	$\frac{4}{35}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{84}\ \Phi_{42}\ \Phi_{35}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
17147	527	72	$\frac{1}{8}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{72}^8\ \Phi_{36}^9\ \Phi_{24}^5\ \Phi_{18}^9\ \Phi_{12}^6\ \Phi_9^9\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
17148	527	40	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{40}^{17}\ \Phi_{20}^{10}\ \Phi_{10}^9\ \Phi_8^{17}\ \Phi_5^9\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
17149	527	140	$\frac{4}{35}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^4\ \Phi_{70}^4\ \Phi_{35}^5\ \Phi_{28}^4\ \Phi_{20}\ \Phi_{14}^4\ \Phi_{10}\ \Phi_7^5\ \Phi_5\ \Phi_1$
17150	527	180	$\frac{5}{36}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^2\ \Phi_{45}^4\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_9\ \Phi_5^3\ \Phi_4\ \Phi_1$
17151	528	393	$\frac{1}{131}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{65}{131}$	$\Phi_{393}\ \Phi_{131}^2\ \Phi_3^2\ \Phi_1^4$
17152	528	527	$\frac{5}{527}$	$\frac{133}{527}$	$\frac{197}{527}$	$\frac{261}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_1^2$
17153	528	795	$\frac{3}{265}$	$\frac{67}{265}$	$\frac{1}{3}$	$\frac{131}{265}$	$\Phi_{795}\ \Phi_{159}\ \Phi_{15}$
17154	528	435	$\frac{1}{87}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{43}{87}$	$\Phi_{435}\ \Phi_{145}\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
17155	528	348	$\frac{1}{87}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{43}{87}$	$\Phi_{348}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
17156	528	527	$\frac{7}{527}$	$\frac{89}{527}$	$\frac{219}{527}$	$\frac{260}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
17157	528	455	$\frac{1}{65}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{32}{65}$	$\Phi_{455}\ \Phi_{91}\ \Phi_{65}^2\ \Phi_{35}\ \Phi_{13}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
17158	528	195	$\frac{1}{65}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{32}{65}$	$\Phi_{195}^4\ \Phi_{39}^4\ \Phi_{15}^5\ \Phi_3^4$
17159	528	236	$\frac{1}{59}$	$\frac{1}{4}$	$\frac{15}{59}$	$\frac{29}{59}$	$\Phi_{236}^3\ \Phi_{118}^3\ \Phi_4^2\ \Phi_2^2$
17160	528	527	$\frac{9}{527}$	$\frac{67}{527}$	$\frac{230}{527}$	$\frac{259}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_1^2$
17161	528	527	$\frac{9}{527}$	$\frac{131}{527}$	$\frac{134}{527}$	$\frac{259}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_1^2$
17162	528	159	$\frac{1}{53}$	$\frac{9}{53}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{159}^5\ \Phi_3^4$
17163	528	940	$\frac{1}{47}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{23}{47}$	$\Phi_{940}\ \Phi_{188}\ \Phi_{47}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
17164	528	705	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{23}{47}$	$\Phi_{705}\ \Phi_{141}\ \Phi_{47}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
17165	528	665	$\frac{3}{133}$	$\frac{1}{5}$	$\frac{34}{133}$	$\frac{65}{133}$	$\Phi_{665}\ \Phi_{95}\ \Phi_{35}$
17166	528	473	$\frac{1}{43}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{21}{43}$	$\Phi_{473}\ \Phi_{43}^2\ \Phi_{11}^2\ \Phi_1^4$
17167	528	903	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{903}\ \Phi_{21}^2$
17168	528	473	$\frac{1}{43}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{21}{43}$	$\Phi_{473}\ \Phi_{43}^2\ \Phi_{11}^2\ \Phi_1^4$
17169	528	860	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{21}{43}$	$\Phi_{860}\ \Phi_{430}\ \Phi_{20}^2\ \Phi_{10}^2$
17170	528	527	$\frac{13}{527}$	$\frac{45}{527}$	$\frac{241}{527}$	$\frac{257}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_1^2$
17171	528	527	$\frac{13}{527}$	$\frac{98}{527}$	$\frac{135}{527}$	$\frac{257}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_1^2$
17172	528	795	$\frac{7}{265}$	$\frac{34}{265}$	$\frac{1}{3}$	$\frac{129}{265}$	$\Phi_{795}\ \Phi_{159}\ \Phi_{15}$
17173	528	960	$\frac{1}{32}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{31}{64}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
17174	528	576	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{576}^2\ \Phi_{192}\ \Phi_{64}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
17175	528	320	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{31}{64}$	$\Phi_{320}^3\ \Phi_{64}^4\ \Phi_5^3\ \Phi_1^4$
17176	528	62	$\frac{1}{31}$	$\frac{2}{31}$	$\frac{29}{62}$	$\frac{15}{31}$	$\Phi_{62}^{16}\ \Phi_{31}\ \Phi_2^{16}\ \Phi_1^2$
17177	528	31	$\frac{1}{31}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{15}{31}$	$\Phi_{31}^{17}\ \Phi_1^{18}$
17178	528	155	$\frac{1}{31}$	$\frac{23}{155}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{155}^4\ \Phi_{31}\ \Phi_5^4\ \Phi_1^2$
17179	528	623	$\frac{3}{89}$	$\frac{1}{7}$	$\frac{23}{89}$	$\frac{43}{89}$	Φ_{623}
17180	528	85	$\frac{3}{85}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{41}{85}$	$\Phi_{85}^6\ \Phi_{17}^7\ \Phi_5^6\ \Phi_1^8$
17181	528	85	$\frac{3}{85}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{41}{85}$	$\Phi_{85}^6\ \Phi_{17}^7\ \Phi_5^6\ \Phi_1^8$
17182	528	527	$\frac{19}{527}$	$\frac{91}{527}$	$\frac{109}{527}$	$\frac{254}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_1^2$
17183	528	665	$\frac{5}{133}$	$\frac{23}{133}$	$\frac{1}{5}$	$\frac{64}{133}$	$\Phi_{665}\ \Phi_{95}\ \Phi_{35}$
17184	528	708	$\frac{7}{177}$	$\frac{23}{177}$	$\frac{1}{4}$	$\frac{85}{177}$	$\Phi_{708}\ \Phi_{354}\ \Phi_{236}\ \Phi_{118}\ \Phi_{12}\ \Phi_6$
17185	528	527	$\frac{21}{527}$	$\frac{65}{527}$	$\frac{137}{527}$	$\frac{253}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_1^2$
17186	528	795	$\frac{11}{265}$	$\frac{23}{265}$	$\frac{1}{3}$	$\frac{127}{265}$	$\Phi_{795}\ \Phi_{159}\ \Phi_{15}$
17187	528	483	$\frac{1}{23}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{11}{23}$	$\Phi_{483}\ \Phi_{161}\ \Phi_{69}\ \Phi_{23}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
17188	528	276	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
17189	528	322	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{23}$	$\Phi_{322}^2\ \Phi_{161}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
17190	528	527	$\frac{23}{527}$	$\frac{25}{527}$	$\frac{251}{527}$	$\frac{252}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_1^2$
17191	528	273	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{273}^2\ \Phi_{91}^2\ \Phi_{39}^3\ \Phi_{13}^2$
17192	528	483	$\frac{1}{21}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{10}{21}$	$\Phi_{483}\ \Phi_{161}\ \Phi_{69}\ \Phi_{23}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
17193	528	252	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{36}^4\ \Phi_{28}^2\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
17194	528	483	$\frac{1}{21}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{10}{21}$	$\Phi_{483}\ \Phi_{161}\ \Phi_{69}\ \Phi_{23}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
17195	528	105	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{105}^6\ \Phi_{35}^7\ \Phi_{15}^6\ \Phi_5^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
17196	528	190	$\frac{1}{19}$	$\frac{5}{38}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{190}^4\ \Phi_{95}^3\ \Phi_{10}^4\ \Phi_5^2$
17197	528	85	$\frac{1}{17}$	$\frac{9}{85}$	$\frac{19}{85}$	$\frac{8}{17}$	$\Phi_{85}^6\ \Phi_{17}^7\ \Phi_5^6\ \Phi_1^8$
17198	528	51	$\frac{1}{17}$	$\frac{7}{51}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{51}^{12}\ \Phi_{17}^7\ \Phi_3^{12}\ \Phi_1^8$
17199	528	588	$\frac{3}{49}$	$\frac{1}{12}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{588}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
17200	528	527	$\frac{33}{527}$	$\frac{35}{527}$	$\frac{164}{527}$	$\frac{247}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_1^2$
17201	528	62	$\frac{2}{31}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{29}{62}$	$\Phi_{62}^{16}\ \Phi_{31}\ \Phi_2^{16}\ \Phi_1^2$
17202	528	240	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{5}{16}$	$\frac{7}{15}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^4\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_5^3\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
17203	528	195	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{195}^3\ \Phi_{65}^3\ \Phi_{39}^3\ \Phi_{13}^2$
17204	528	60	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{60}^8\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{15}^9\ \Phi_{12}^{11}\ \Phi_{10}^8\ \Phi_6^{11}\ \Phi_5^9\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
17205	528	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{7}{15}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{40}^5\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_5^6\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^6$
17206	528	527	$\frac{37}{527}$	$\frac{47}{527}$	$\frac{120}{527}$	$\frac{245}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_1^2$
17207	528	603	$\frac{5}{67}$	$\frac{1}{9}$	$\frac{12}{67}$	$\frac{31}{67}$	$\Phi_{603}\ \Phi_{201}$
17208	528	527	$\frac{35}{527}$	$\frac{41}{527}$	$\frac{142}{527}$	$\frac{243}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_1^2$
17209	528	527	$\frac{41}{527}$	$\frac{71}{527}$	$\frac{76}{527}$	$\frac{243}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_1^2$
17210	528	623	$\frac{7}{89}$	$\frac{12}{89}$	$\frac{1}{7}$	$\frac{41}{89}$	Φ_{623}
17211	528	795	$\frac{13}{265}$	$\frac{21}{265}$	$\frac{1}{3}$	$\frac{122}{265}$	$\Phi_{795}\ \Phi_{159}\ \Phi_{15}$
17212	528	527	$\frac{43}{527}$	$\frac{54}{527}$	$\frac{95}{527}$	$\frac{242}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_1^2$
17213	528	665	$\frac{11}{133}$	$\frac{12}{133}$	$\frac{1}{5}$	$\frac{61}{133}$	$\Phi_{665}\ \Phi_{95}\ \Phi_{35}$
17214	528	236	$\frac{4}{59}$	$\frac{5}{59}$	$\frac{1}{4}$	$\frac{27}{59}$	$\Phi_{236}^3\ \Phi_{118}^3\ \Phi_4^2\ \Phi_2^2$
17215	528	527	$\frac{26}{527}$	$\frac{45}{527}$	$\frac{167}{527}$	$\frac{241}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_1^2$
17216	528	527	$\frac{32}{527}$	$\frac{45}{527}$	$\frac{143}{527}$	$\frac{241}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_1^2$
17217	528	795	$\frac{12}{265}$	$\frac{23}{265}$	$\frac{1}{3}$	$\frac{121}{265}$	$\Phi_{795}\ \Phi_{159}\ \Phi_{15}$
17218	528	759	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{759}\ \Phi_{69}^2$
17219	528	473	$\frac{3}{43}$	$\frac{1}{11}$	$\frac{10}{43}$	$\frac{5}{11}$	$\Phi_{473}\ \Phi_{43}^2\ \Phi_{11}^2\ \Phi_1^4$
17220	528	660	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2$
17221	528	300	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{300}^5\ \Phi_{75}\ \Phi_{60}^4\ \Phi_{15}\ \Phi_{12}^4$
17222	528	940	$\frac{2}{47}$	$\frac{1}{10}$	$\frac{15}{47}$	$\frac{9}{20}$	$\Phi_{940}\ \Phi_{188}\ \Phi_{47}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
17223	528	340	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{340}\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{34}^3\ \Phi_{17}^2$
17224	528	940	$\frac{3}{47}$	$\frac{1}{10}$	$\frac{11}{47}$	$\frac{9}{20}$	$\Phi_{940}\ \Phi_{188}\ \Phi_{47}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
17225	528	260	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{260}^4\ \Phi_{65}\ \Phi_{52}^4$
17226	528	940	$\frac{1}{10}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{9}{20}$	$\Phi_{940}\ \Phi_{188}\ \Phi_{47}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
17227	528	1260	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{84}\ \Phi_{63}\ \Phi_{21}$
17228	528	588	$\frac{1}{12}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{588}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
17229	528	119	$\frac{1}{17}$	$\frac{13}{119}$	$\frac{4}{17}$	$\frac{53}{119}$	$\Phi_{119}^4\ \Phi_{17}^7\ \Phi_7^4\ \Phi_1^8$
17230	528	351	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{351}^2\ \Phi_{117}\ \Phi_{39}$
17231	528	527	$\frac{39}{527}$	$\frac{61}{527}$	$\frac{98}{527}$	$\frac{233}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_1^2$
17232	528	236	$\frac{3}{59}$	$\frac{7}{59}$	$\frac{1}{4}$	$\frac{26}{59}$	$\Phi_{236}^3\ \Phi_{118}^3\ \Phi_4^2\ \Phi_2^2$
17233	528	575	$\frac{1}{23}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{575}\ \Phi_{115}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
17234	528	527	$\frac{27}{527}$	$\frac{67}{527}$	$\frac{125}{527}$	$\frac{230}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_{1}^{2}$
17235	528	155	$\frac{1}{31}$	$\frac{21}{155}$	$\frac{10}{31}$	$\frac{67}{155}$	$\Phi_{155}^{3}\ \Phi_{31}^{5}\ \Phi_{5}^{3}\ \Phi_{1}^{6}$
17236	528	714	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{714}\ \Phi_{357}\ \Phi_{102}^{2}\ \Phi_{51}^{2}\ \Phi_{42}\ \Phi_{6}^{2}$
17237	528	455	$\frac{2}{65}$	$\frac{1}{7}$	$\frac{21}{65}$	$\frac{3}{7}$	$\Phi_{455}\ \Phi_{91}\ \Phi_{65}^{2}\ \Phi_{35}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
17238	528	644	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{644}\ \Phi_{322}\ \Phi_{92}^{2}\ \Phi_{46}^{2}$
17239	528	35	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{35}^{15}\ \Phi_{7}^{16}\ \Phi_{5}^{14}\ \Phi_{1}^{16}$
17240	528	91	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{2}{13}$	$\frac{3}{7}$	$\Phi_{91}^{5}\ \Phi_{13}^{10}\ \Phi_{7}^{6}\ \Phi_{1}^{12}$
17241	528	84	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{84}^{7}\ \Phi_{42}^{7}\ \Phi_{28}^{7}\ \Phi_{21}^{7}\ \Phi_{14}^{7}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}$
17242	528	527	$\frac{41}{527}$	$\frac{76}{527}$	$\frac{81}{527}$	$\frac{223}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_{1}^{2}$
17243	528	95	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{8}{19}$	$\Phi_{95}^{7}\ \Phi_{5}^{6}$
17244	528	31	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{9}{31}$	$\frac{13}{31}$	$\Phi_{31}^{17}\ \Phi_{1}^{18}$
17245	528	795	$\frac{7}{265}$	$\frac{43}{265}$	$\frac{1}{3}$	$\frac{111}{265}$	$\Phi_{795}\ \Phi_{159}\ \Phi_{15}$
17246	528	527	$\frac{14}{527}$	$\frac{89}{527}$	$\frac{171}{527}$	$\frac{219}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_{1}^{2}$
17247	528	34	$\frac{1}{34}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{34}^{16}\ \Phi_{17}^{15}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
17248	528	45	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{45}^{12}\ \Phi_{15}^{11}\ \Phi_{9}^{12}\ \Phi_{5}^{12}\ \Phi_{3}^{10}\ \Phi_{1}^{12}$
17249	528	145	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{7}{29}$	$\frac{2}{5}$	$\Phi_{145}^{3}\ \Phi_{29}^{6}\ \Phi_{5}^{4}\ \Phi_{1}^{8}$
17250	528	115	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{115}^{5}\ \Phi_{23}^{4}$
17251	528	325	$\frac{1}{13}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{325}^{2}\ \Phi_{65}$
17252	528	435	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{435}\ \Phi_{145}\ \Phi_{87}^{2}\ \Phi_{29}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
17253	528	180	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{180}^{3}\ \Phi_{90}^{3}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{6}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{6}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{10}^{2}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
17254	528	527	$\frac{29}{527}$	$\frac{83}{527}$	$\frac{111}{527}$	$\frac{208}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_{1}^{2}$
17255	528	882	$\frac{1}{49}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{882}\ \Phi_{294}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
17256	528	234	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{234}^{4}\ \Phi_{117}\ \Phi_{78}^{4}\ \Phi_{39}\ \Phi_{26}^{4}$
17257	528	588	$\frac{1}{12}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{588}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
17258	528	527	$\frac{43}{527}$	$\frac{54}{527}$	$\frac{121}{527}$	$\frac{203}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_{1}^{2}$
17259	528	585	$\frac{1}{45}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{117}\ \Phi_{65}\ \Phi_{39}$
17260	528	623	$\frac{5}{89}$	$\frac{1}{7}$	$\frac{21}{89}$	$\frac{34}{89}$	Φ_{623}
17261	528	527	$\frac{19}{527}$	$\frac{109}{527}$	$\frac{127}{527}$	$\frac{200}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_{1}^{2}$
17262	528	708	$\frac{5}{177}$	$\frac{43}{177}$	$\frac{1}{4}$	$\frac{67}{177}$	$\Phi_{708}\ \Phi_{354}\ \Phi_{236}\ \Phi_{118}\ \Phi_{12}\ \Phi_{6}$
17263	528	527	$\frac{11}{527}$	$\frac{129}{527}$	$\frac{164}{527}$	$\frac{199}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_{1}^{2}$
17264	528	159	$\frac{1}{53}$	$\frac{13}{53}$	$\frac{1}{3}$	$\frac{20}{53}$	$\Phi_{159}^{5}\ \Phi_{3}^{4}$
17265	528	784	$\frac{1}{49}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{784}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{28}\ \Phi_{14}$
17266	528	527	$\frac{15}{527}$	$\frac{128}{527}$	$\frac{133}{527}$	$\frac{197}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_{1}^{2}$
17267	528	575	$\frac{1}{23}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{575}\ \Phi_{115}$
17268	528	93	$\frac{5}{93}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{93}^{6}\ \Phi_{31}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
17269	528	17	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{6}{17}$	$\Phi_{17}^{31}\ \Phi_{1}^{32}$
17270	528	527	$\frac{43}{527}$	$\frac{44}{527}$	$\frac{161}{527}$	$\frac{183}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_{1}^{2}$
17271	528	588	$\frac{4}{49}$	$\frac{1}{12}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{588}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
17272	528	603	$\frac{4}{67}$	$\frac{1}{9}$	$\frac{21}{67}$	$\frac{23}{67}$	$\Phi_{603}\ \Phi_{201}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
17273	528	527	$\frac{20}{527}$	$\frac{87}{527}$	$\frac{169}{527}$	$\frac{179}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_1^2$
17274	528	665	$\frac{4}{133}$	$\frac{1}{5}$	$\frac{43}{133}$	$\frac{45}{133}$	$\Phi_{665}\ \Phi_{95}\ \Phi_{35}$
17275	528	527	$\frac{8}{527}$	$\frac{173}{527}$	$\frac{175}{527}$	$\frac{177}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_1^2$
17276	528	795	$\frac{4}{265}$	$\frac{87}{265}$	$\frac{1}{3}$	$\frac{89}{265}$	$\Phi_{795}\ \Phi_{159}\ \Phi_{15}$
17277	528	201	$\frac{1}{67}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{201}^3\ \Phi_{67}^2$
17278	528	393	$\frac{2}{131}$	$\frac{43}{131}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{393}\ \Phi_{131}^2\ \Phi_3^2\ \Phi_1^4$
17279	528	180	$\frac{1}{45}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
17280	528	393	$\frac{3}{131}$	$\frac{32}{131}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{393}\ \Phi_{131}^2\ \Phi_3^2\ \Phi_1^4$
17281	528	510	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{30}\ \Phi_{10}^2$
17282	528	393	$\frac{5}{131}$	$\frac{21}{131}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{393}\ \Phi_{131}^2\ \Phi_3^2\ \Phi_1^4$
17283	528	483	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{483}\ \Phi_{161}^2$
17284	528	393	$\frac{10}{131}$	$\frac{11}{131}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{393}\ \Phi_{131}^2\ \Phi_3^2\ \Phi_1^4$
17285	528	156	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{156}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{13}^2$
17286	528	1044	$\frac{2}{87}$	$\frac{1}{4}$	$\frac{85}{261}$	$\frac{1}{3}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
17287	528	195	$\frac{2}{65}$	$\frac{1}{5}$	$\frac{21}{65}$	$\frac{1}{3}$	$\Phi_{195}^4\ \Phi_{39}^4\ \Phi_{15}^5\ \Phi_3^4$
17288	528	159	$\frac{2}{53}$	$\frac{9}{53}$	$\frac{17}{53}$	$\frac{1}{3}$	$\Phi_{159}^5\ \Phi_3^4$
17289	528	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{144}^4\ \Phi_{72}^4\ \Phi_{48}^2\ \Phi_{36}^4\ \Phi_{24}^2\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{12}^2\ \Phi_9^6\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
17290	528	795	$\frac{22}{265}$	$\frac{23}{265}$	$\frac{81}{265}$	$\frac{1}{3}$	$\Phi_{795}\ \Phi_{159}\ \Phi_{15}$
17291	528	276	$\frac{1}{12}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
17292	528	819	$\frac{1}{13}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{819}\ \Phi_{117}\ \Phi_{39}$
17293	528	795	$\frac{17}{265}$	$\frac{31}{265}$	$\frac{78}{265}$	$\frac{1}{3}$	$\Phi_{795}\ \Phi_{159}\ \Phi_{15}$
17294	528	759	$\frac{1}{23}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{759}\ \Phi_{69}^2$
17295	528	75	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{75}^6\ \Phi_{25}^{10}\ \Phi_{15}^5\ \Phi_5^8\ \Phi_3^4\ \Phi_1^8$
17296	528	795	$\frac{9}{265}$	$\frac{64}{265}$	$\frac{67}{265}$	$\frac{1}{3}$	$\Phi_{795}\ \Phi_{159}\ \Phi_{15}$
17297	528	348	$\frac{1}{29}$	$\frac{7}{29}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{348}^3\ \Phi_{174}^3\ \Phi_{12}^4\ \Phi_6^4$
17298	528	1380	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}$
17299	528	348	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{348}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
17300	528	36	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{36}^{16}\ \Phi_{18}^{16}\ \Phi_{12}^{11}\ \Phi_9^{18}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
17301	528	903	$\frac{3}{43}$	$\frac{1}{7}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{903}\ \Phi_{21}^2$
17302	528	795	$\frac{21}{265}$	$\frac{34}{265}$	$\frac{61}{265}$	$\frac{1}{3}$	$\Phi_{795}\ \Phi_{159}\ \Phi_{15}$
17303	528	276	$\frac{1}{12}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
17304	528	546	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{546}^2\ \Phi_{273}\ \Phi_{78}^2\ \Phi_{39}^2$
17305	528	795	$\frac{19}{265}$	$\frac{41}{265}$	$\frac{56}{265}$	$\frac{1}{3}$	$\Phi_{795}\ \Phi_{159}\ \Phi_{15}$
17306	528	105	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^8\ \Phi_{21}^8\ \Phi_{15}^5\ \Phi_3^4$
17307	528	975	$\frac{4}{65}$	$\frac{61}{325}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{975}\ \Phi_{75}\ \Phi_{15}$
17308	528	195	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{195}^5\ \Phi_{15}^6$
17309	528	420	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{35}^2$
17310	528	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
17311	528	159	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{9}{53}$	$\frac{1}{3}$	$\Phi_{159}^{5}\ \Phi_{3}^{4}$
17312	528	705	$\frac{2}{47}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{15}{47}$	$\Phi_{705}\ \Phi_{141}\ \Phi_{47}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
17313	528	285	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{13}{57}$	$\frac{6}{19}$	$\Phi_{285}^{3}\ \Phi_{95}\ \Phi_{15}^{3}$
17314	528	80	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{5}{16}$	$\Phi_{80}^{6}\ \Phi_{40}^{6}\ \Phi_{20}^{6}\ \Phi_{16}^{8}\ \Phi_{10}^{6}\ \Phi_{8}^{8}\ \Phi_{5}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
17315	528	527	$\frac{38}{527}$	$\frac{91}{527}$	$\frac{109}{527}$	$\frac{163}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_{1}^{2}$
17316	528	665	$\frac{10}{133}$	$\frac{23}{133}$	$\frac{1}{5}$	$\frac{41}{133}$	$\Phi_{665}\ \Phi_{95}\ \Phi_{35}$
17317	528	322	$\frac{2}{23}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{7}{23}$	$\Phi_{322}^{2}\ \Phi_{161}\ \Phi_{46}^{2}\ \Phi_{23}^{2}\ \Phi_{14}^{4}\ \Phi_{7}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
17318	528	315	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{19}{63}$	$\Phi_{315}^{3}\ \Phi_{45}^{3}\ \Phi_{35}$
17319	528	51	$\frac{2}{17}$	$\frac{7}{51}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{51}^{12}\ \Phi_{17}^{7}\ \Phi_{3}^{12}\ \Phi_{1}^{8}$
17320	528	31	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{7}{31}$	$\frac{9}{31}$	$\Phi_{31}^{17}\ \Phi_{1}^{18}$
17321	528	84	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{84}^{7}\ \Phi_{42}^{7}\ \Phi_{28}^{7}\ \Phi_{21}^{4}\ \Phi_{14}^{7}\ \Phi_{12}^{6}\ \Phi_{7}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
17322	528	245	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{245}^{3}\ \Phi_{35}$
17323	528	473	$\frac{3}{43}$	$\frac{2}{11}$	$\frac{10}{43}$	$\frac{3}{11}$	$\Phi_{473}\ \Phi_{43}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
17324	528	660	$\frac{1}{12}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
17325	528	527	$\frac{35}{527}$	$\frac{101}{527}$	$\frac{123}{527}$	$\frac{142}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_{1}^{2}$
17326	528	1020	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{34}$
17327	528	705	$\frac{3}{47}$	$\frac{1}{5}$	$\frac{11}{47}$	$\frac{4}{15}$	$\Phi_{705}\ \Phi_{141}\ \Phi_{47}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
17328	528	195	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{195}^{4}\ \Phi_{65}\ \Phi_{39}^{4}$
17329	528	705	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{705}\ \Phi_{141}\ \Phi_{47}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
17330	528	315	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{315}^{2}\ \Phi_{105}\ \Phi_{63}^{3}\ \Phi_{35}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}$
17331	528	588	$\frac{1}{12}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{588}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
17332	528	155	$\frac{3}{31}$	$\frac{23}{155}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{155}^{4}\ \Phi_{31}\ \Phi_{5}^{4}\ \Phi_{1}^{2}$
17333	528	527	$\frac{39}{527}$	$\frac{98}{527}$	$\frac{122}{527}$	$\frac{135}{527}$	$\Phi_{527}\ \Phi_{31}\ \Phi_{17}\ \Phi_{1}^{2}$
17334	528	665	$\frac{9}{133}$	$\frac{1}{5}$	$\frac{31}{133}$	$\frac{34}{133}$	$\Phi_{665}\ \Phi_{95}\ \Phi_{35}$
17335	528	860	$\frac{3}{43}$	$\frac{1}{5}$	$\frac{10}{43}$	$\frac{1}{4}$	$\Phi_{860}\ \Phi_{430}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
17336	528	708	$\frac{13}{177}$	$\frac{34}{177}$	$\frac{41}{177}$	$\frac{1}{4}$	$\Phi_{708}\ \Phi_{354}\ \Phi_{236}\ \Phi_{118}\ \Phi_{12}\ \Phi_{6}$
17337	528	252	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{252}^{3}\ \Phi_{126}\ \Phi_{84}^{3}\ \Phi_{63}^{2}\ \Phi_{42}\ \Phi_{36}^{4}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
17338	528	60	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{60}^{9}\ \Phi_{30}^{9}\ \Phi_{20}^{6}\ \Phi_{15}^{9}\ \Phi_{12}^{12}\ \Phi_{10}^{6}\ \Phi_{6}^{12}\ \Phi_{5}^{9}\ \Phi_{4}^{8}\ \Phi_{3}^{12}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
17339	528	322	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{5}{23}$	$\Phi_{322}^{2}\ \Phi_{161}\ \Phi_{46}^{2}\ \Phi_{23}^{2}\ \Phi_{14}^{4}\ \Phi_{7}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
17340	528	70	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{70}^{12}\ \Phi_{35}^{7}\ \Phi_{10}^{12}\ \Phi_{5}^{6}$
17341	528	190	$\frac{5}{38}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{190}^{4}\ \Phi_{95}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{2}$
17342	528	40	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{40}^{13}\ \Phi_{20}^{13}\ \Phi_{10}^{13}\ \Phi_{8}^{12}\ \Phi_{5}^{16}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{16}$
17343	529	708	$\frac{2}{177}$	$\frac{179}{708}$	$\frac{1}{3}$	$\frac{175}{354}$	$\Phi_{708}\ \Phi_{236}\ \Phi_{177}\ \Phi_{59}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
17344	529	1044	$\frac{7}{522}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{515}{1044}$	$\Phi_{1044}\ \Phi_{348}\ \Phi_{116}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
17345	529	960	$\frac{1}{48}$	$\frac{49}{480}$	$\frac{431}{960}$	$\frac{47}{96}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
17346	529	1024	$\frac{17}{512}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{495}{1024}$	$\Phi_{1024}\ \Phi_{32}\ \Phi_{1}$
17347	529	608	$\frac{3}{76}$	$\frac{79}{608}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{608}\ \Phi_{304}\ \Phi_{76}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{16}\ \Phi_{1}$
17348	529	44	$\frac{1}{22}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{21}{44}$	$\Phi_{44}^{2}\ \Phi_{22}^{22}\ \Phi_{11}^{22}\ \Phi_{4}^{2}\ \Phi_{2}^{22}\ \Phi_{1}^{23}$
17349	529	132	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{21}{44}$	$\Phi_{132}^{11}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}^{11}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
17350	529	1008	$\frac{25}{504}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{479}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
17351	529	1008	$\frac{25}{504}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{479}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
17352	529	720	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{191}{720}$	$\frac{169}{360}$	$\Phi_{720}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
17353	529	768	$\frac{1}{16}$	$\frac{17}{256}$	$\frac{239}{768}$	$\frac{15}{32}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
17354	529	576	$\frac{1}{16}$	$\frac{47}{576}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
17355	529	640	$\frac{1}{16}$	$\frac{17}{128}$	$\frac{111}{640}$	$\frac{15}{32}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
17356	529	168	$\frac{1}{24}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{28}^3\ \Phi_{24}^5\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^5\ \Phi_8^5\ \Phi_7^3\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
17357	529	648	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{119}{648}$	$\frac{97}{216}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
17358	529	960	$\frac{1}{12}$	$\frac{49}{480}$	$\frac{11}{60}$	$\frac{431}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
17359	529	560	$\frac{31}{560}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
17360	529	96	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{96}^8\ \Phi_{32}^7\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
17361	529	616	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{87}{616}$	$\frac{67}{154}$	$\Phi_{616}\ \Phi_{308}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{28}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
17362	529	924	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{462}$	$\frac{395}{924}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
17363	529	120	$\frac{1}{24}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{40}^3\ \Phi_{30}^4\ \Phi_{24}^7\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^7\ \Phi_{10}^4\ \Phi_8^6\ \Phi_6^7\ \Phi_5^4\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
17364	529	912	$\frac{3}{76}$	$\frac{73}{456}$	$\frac{1}{4}$	$\frac{383}{912}$	$\Phi_{912}\ \Phi_{304}\ \Phi_{76}\ \Phi_{48}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
17365	529	600	$\frac{1}{12}$	$\frac{71}{600}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
17366	529	660	$\frac{1}{22}$	$\frac{21}{110}$	$\frac{131}{660}$	$\frac{89}{220}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
17367	529	880	$\frac{1}{22}$	$\frac{21}{110}$	$\frac{89}{440}$	$\frac{351}{880}$	$\Phi_{880}\ \Phi_{176}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
17368	529	540	$\frac{11}{540}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
17369	529	864	$\frac{1}{48}$	$\frac{97}{432}$	$\frac{47}{144}$	$\frac{335}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
17370	529	864	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{432}$	$\frac{335}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
17371	529	768	$\frac{1}{48}$	$\frac{47}{192}$	$\frac{239}{768}$	$\frac{145}{384}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
17372	529	72	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{72}^6\ \Phi_{36}^5\ \Phi_{24}^{11}\ \Phi_{18}^6\ \Phi_{12}^{10}\ \Phi_9^6\ \Phi_8^{11}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
17373	529	576	$\frac{47}{576}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
17374	529	792	$\frac{1}{66}$	$\frac{65}{198}$	$\frac{263}{792}$	$\frac{133}{396}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
17375	529	783	$\frac{7}{261}$	$\frac{2}{9}$	$\frac{254}{783}$	$\frac{1}{3}$	$\Phi_{783}\ \Phi_{27}\ \Phi_9\ \Phi_1$
17376	529	684	$\frac{3}{76}$	$\frac{155}{684}$	$\frac{1}{4}$	$\frac{73}{228}$	$\Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{76}\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_1$
17377	529	756	$\frac{1}{12}$	$\frac{25}{252}$	$\frac{227}{756}$	$\frac{11}{36}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
17378	529	33	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{10}{33}$	$\Phi_{33}^{13}\ \Phi_{11}^{22}\ \Phi_3^{13}\ \Phi_1^{23}$
17379	529	756	$\frac{25}{252}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{227}{756}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{108}\ \Phi_{54}\ \Phi_{28}\ \Phi_{27}\ \Phi_{14}\ \Phi_7\ \Phi_1$
17380	529	588	$\frac{59}{588}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{588}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
17381	529	693	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{164}{693}$	$\frac{67}{231}$	$\Phi_{693}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_9\ \Phi_7\ \Phi_1$
17382	529	720	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{240}$	$\frac{191}{720}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
17383	529	672	$\frac{3}{28}$	$\frac{25}{168}$	$\frac{143}{672}$	$\frac{1}{4}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{112}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
17384	530	840	$\frac{1}{105}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{52}{105}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
17385	530	936	$\frac{1}{52}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{51}{104}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{104}^2\ \Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
17386	530	312	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{312}^3\ \Phi_{104}^4\ \Phi_{24}^3\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17387	530	1554	$\frac{6}{259}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{253}{518}$	$\Phi_{1554}\ \Phi_{222}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
17388	530	912	$\frac{1}{38}$	$\frac{39}{304}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}\ \Phi_{24}\ \Phi_6$
17389	530	1122	$\frac{2}{51}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{1122}\ \Phi_{374}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
17390	530	506	$\frac{1}{23}$	$\frac{12}{253}$	$\frac{241}{506}$	$\frac{11}{23}$	$\Phi_{506}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{22}^2\ \Phi_2^2\ \Phi_1^2$
17391	530	504	$\frac{13}{252}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{239}{504}$	$\Phi_{504}^2\ \Phi_{168}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_8^2\ \Phi_6$
17392	530	792	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
17393	530	168	$\frac{3}{56}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{168}^5\ \Phi_{84}^4\ \Phi_{42}^5\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{12}^4\ \Phi_6^5\ \Phi_3^4$
17394	530	1482	$\frac{1}{19}$	$\frac{18}{247}$	$\frac{1}{3}$	$\frac{229}{494}$	$\Phi_{1482}\ \Phi_{114}\ \Phi_{78}\ \Phi_{57}\ \Phi_6$
17395	530	483	$\frac{1}{23}$	$\frac{47}{483}$	$\frac{22}{69}$	$\frac{218}{483}$	$\Phi_{483}\ \Phi_{161}\ \Phi_{69}^2\ \Phi_{23}\ \Phi_{21}\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
17396	530	1056	$\frac{1}{11}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
17397	530	234	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{25}{78}$	$\frac{4}{9}$	$\Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_9^3\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
17398	530	504	$\frac{3}{56}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}^2\ \Phi_9\ \Phi_8^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
17399	530	585	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{12}{65}$	$\frac{4}{9}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{65}^2\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
17400	530	368	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{103}{368}$	$\frac{81}{184}$	$\Phi_{368}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
17401	530	92	$\frac{1}{23}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{39}{92}$	$\Phi_{92}^{10}\ \Phi_{46}^2\ \Phi_{23}\ \Phi_4^{10}\ \Phi_2^2\ \Phi_1^2$
17402	530	92	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{7}{46}$	$\frac{39}{92}$	$\Phi_{92}^{10}\ \Phi_{23}^3\ \Phi_4^{10}\ \Phi_1^4$
17403	530	456	$\frac{1}{38}$	$\frac{37}{228}$	$\frac{1}{3}$	$\frac{191}{456}$	$\Phi_{456}^2\ \Phi_{152}^2\ \Phi_{114}\ \Phi_{57}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6$
17404	530	660	$\frac{1}{11}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}$
17405	530	990	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{990}\ \Phi_{330}\ \Phi_{198}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
17406	530	216	$\frac{1}{54}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{216}^4\ \Phi_{72}^4\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17407	530	280	$\frac{1}{35}$	$\frac{17}{70}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^3\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^4\ \Phi_7\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
17408	530	440	$\frac{2}{55}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^2\ \Phi_{88}^2\ \Phi_{55}^2\ \Phi_{40}\ \Phi_{11}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
17409	530	504	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^2\ \Phi_{168}\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}\ \Phi_{24}\ \Phi_{21}\ \Phi_9^2\ \Phi_8^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
17410	530	56	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{56}^9\ \Phi_{28}^{10}\ \Phi_{14}^{10}\ \Phi_8^{10}\ \Phi_7^9\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{10}$
17411	530	120	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^7\ \Phi_{60}^2\ \Phi_{40}^7\ \Phi_{30}^2\ \Phi_{24}^7\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^8\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17412	530	414	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{58}{207}$	$\frac{149}{414}$	$\Phi_{414}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
17413	530	342	$\frac{1}{38}$	$\frac{77}{342}$	$\frac{37}{114}$	$\frac{1}{3}$	$\Phi_{342}^2\ \Phi_{171}^2\ \Phi_{114}\ \Phi_{57}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6$
17414	530	78	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{78}^7\ \Phi_{39}^7\ \Phi_{26}^6\ \Phi_{13}^6\ \Phi_6^9\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
17415	530	294	$\frac{1}{14}$	$\frac{29}{294}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{294}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
17416	530	378	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{113}{378}$	$\frac{1}{3}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{54}^2\ \Phi_{42}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_6$
17417	530	168	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{42}^5\ \Phi_{24}^5\ \Phi_{21}^3\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^2$
17418	530	168	$\frac{3}{56}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{56}^4\ \Phi_{42}^3\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17419	530	336	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{71}{336}$	$\frac{1}{3}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_6$
17420	530	390	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{390}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17421	530	69	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{16}{69}$	$\frac{7}{23}$	$\Phi_{69}^{10}\ \Phi_{23}^3\ \Phi_3^{10}\ \Phi_1^4$
17422	530	792	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
17423	531	848	$\frac{1}{106}$	$\frac{107}{424}$	$\frac{317}{848}$	$\frac{105}{212}$	$\Phi_{848}\ \Phi_{212}\ \Phi_{16}\ \Phi_4\ \Phi_1$
17424	531	464	$\frac{1}{58}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{57}{116}$	$\Phi_{464}^2\ \Phi_{116}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
17425	531	116	$\frac{1}{58}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{57}{116}$	$\Phi_{116}^5\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
17426	531	1040	$\frac{11}{520}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{509}{1040}$	$\Phi_{1040}\ \Phi_{208}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
17427	531	570	$\frac{2}{57}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{95}\ \Phi_{57}\ \Phi_{30}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
17428	531	340	$\frac{7}{170}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{163}{340}$	$\Phi_{340}^3\ \Phi_{68}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
17429	531	80	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{80}^9\ \Phi_{20}^9\ \Phi_{16}^9\ \Phi_{10}^8\ \Phi_5^8\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
17430	531	560	$\frac{3}{56}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{560}^2\ \Phi_{112}\ \Phi_{80}^2\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
17431	531	110	$\frac{4}{55}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{110}^4\ \Phi_{55}^5\ \Phi_{22}^4\ \Phi_{11}^5\ \Phi_{10}^8\ \Phi_5^8\ \Phi_2^8\ \Phi_1^9$
17432	531	360	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
17433	531	540	$\frac{5}{54}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{540}^2\ \Phi_{180}^2\ \Phi_{108}\ \Phi_{60}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
17434	531	260	$\frac{11}{260}$	$\frac{1}{10}$	$\frac{83}{260}$	$\frac{9}{20}$	$\Phi_{260}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{20}^3\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
17435	531	560	$\frac{29}{560}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
17436	531	320	$\frac{1}{10}$	$\frac{17}{160}$	$\frac{3}{20}$	$\frac{143}{320}$	$\Phi_{320}^3\ \Phi_{64}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
17437	531	1392	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{28}{87}$	$\frac{7}{16}$	$\Phi_{1392}\ \Phi_{87}\ \Phi_{48}\ \Phi_{16}\ \Phi_3\ \Phi_1$
17438	531	200	$\frac{1}{10}$	$\frac{23}{200}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{200}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
17439	531	100	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{100}^9\ \Phi_{20}^9\ \Phi_{10}^8\ \Phi_5^8\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
17440	531	175	$\frac{4}{175}$	$\frac{1}{5}$	$\frac{57}{175}$	$\frac{2}{5}$	$\Phi_{175}^3\ \Phi_{35}^3\ \Phi_{25}^3\ \Phi_7^3\ \Phi_5^4\ \Phi_1^5$
17441	531	480	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{480}^2\ \Phi_{160}^2\ \Phi_{96}\ \Phi_{60}^2\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
17442	531	320	$\frac{5}{64}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{320}^2\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
17443	531	90	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{90}^4\ \Phi_{45}^5\ \Phi_{30}^9\ \Phi_{18}^4\ \Phi_{15}^9\ \Phi_{10}^8\ \Phi_9^5\ \Phi_6^9\ \Phi_5^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
17444	531	348	$\frac{1}{29}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{28}{87}$	$\Phi_{348}^2\ \Phi_{174}^2\ \Phi_{87}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
17445	531	420	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
17446	531	360	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
17447	531	80	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{21}{80}$	$\Phi_{80}^6\ \Phi_{40}^6\ \Phi_{20}^9\ \Phi_{16}^6\ \Phi_{10}^8\ \Phi_8^6\ \Phi_5^8\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
17448	532	264	$\frac{1}{132}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{131}{264}$	$\Phi_{264}^4\ \Phi_{88}^4\ \Phi_{24}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
17449	532	534	$\frac{1}{89}$	$\frac{45}{178}$	$\frac{1}{3}$	$\frac{44}{89}$	$\Phi_{534}^2\ \Phi_{267}\ \Phi_6^2$
17450	532	300	$\frac{1}{75}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{37}{75}$	$\Phi_{300}^3\ \Phi_{100}^3\ \Phi_{75}\ \Phi_{60}^3\ \Phi_{25}\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
17451	532	225	$\frac{1}{75}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{37}{75}$	$\Phi_{225}^3\ \Phi_{75}\ \Phi_{45}^3\ \Phi_{25}\ \Phi_{15}\ \Phi_9^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
17452	532	236	$\frac{1}{59}$	$\frac{15}{118}$	$\frac{103}{236}$	$\frac{29}{59}$	$\Phi_{236}^4\ \Phi_{59}\ \Phi_4^4\ \Phi_1^2$
17453	532	177	$\frac{1}{59}$	$\frac{44}{177}$	$\frac{15}{59}$	$\frac{29}{59}$	$\Phi_{177}^4\ \Phi_{59}\ \Phi_3^4\ \Phi_1^2$
17454	532	261	$\frac{5}{261}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{128}{261}$	$\Phi_{261}^2\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
17455	532	481	$\frac{1}{37}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{18}{37}$	$\Phi_{481}\ \Phi_{37}^2\ \Phi_{13}^2\ \Phi_1^4$
17456	532	888	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{888}\ \Phi_{444}\ \Phi_{222}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
17457	532	177	$\frac{5}{177}$	$\frac{13}{177}$	$\frac{82}{177}$	$\frac{86}{177}$	$\Phi_{177}^3\ \Phi_{59}^3\ \Phi_3^3\ \Phi_1^4$
17458	532	108	$\frac{1}{27}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{13}{27}$	$\Phi_{108}^9\ \Phi_{36}^{10}\ \Phi_{27}\ \Phi_{12}^{10}\ \Phi_9\ \Phi_4^{10}\ \Phi_3\ \Phi_1^2$
17459	532	189	$\frac{1}{27}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{189}^3\ \Phi_{63}^3\ \Phi_{27}\ \Phi_{21}^4\ \Phi_9\ \Phi_7^4\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
17460	532	27	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{13}{27}$	$\Phi_{27}^{20}\ \Phi_{9}^{19}\ \Phi_{3}^{19}\ \Phi_{1}^{20}$
17461	532	216	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{13}{27}$	$\Phi_{216}^{3}\ \Phi_{108}^{3}\ \Phi_{72}^{3}\ \Phi_{36}^{3}\ \Phi_{27}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{9}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
17462	532	616	$\frac{3}{77}$	$\frac{1}{8}$	$\frac{20}{77}$	$\frac{37}{77}$	$\Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{88}\ \Phi_{56}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}$
17463	532	180	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{47}{180}$	$\frac{43}{90}$	$\Phi_{180}^{4}\ \Phi_{60}^{4}\ \Phi_{45}^{4}\ \Phi_{36}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{3}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
17464	532	531	$\frac{25}{531}$	$\frac{56}{531}$	$\frac{139}{531}$	$\frac{253}{531}$	$\Phi_{531}\ \Phi_{177}\ \Phi_{59}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
17465	532	267	$\frac{13}{267}$	$\frac{20}{267}$	$\frac{1}{3}$	$\frac{127}{267}$	$\Phi_{267}^{2}\ \Phi_{89}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
17466	532	180	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{180}^{6}\ \Phi_{60}^{6}\ \Phi_{36}^{4}\ \Phi_{20}^{6}\ \Phi_{15}^{2}\ \Phi_{12}^{4}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
17467	532	36	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{17}{36}$	$\Phi_{36}^{28}\ \Phi_{12}^{28}\ \Phi_{9}^{3}\ \Phi_{4}^{28}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
17468	532	360	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{360}^{2}\ \Phi_{180}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{60}\ \Phi_{45}^{2}\ \Phi_{40}^{3}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
17469	532	162	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{29}{162}$	$\frac{25}{54}$	$\Phi_{162}^{4}\ \Phi_{81}^{4}\ \Phi_{27}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
17470	532	495	$\frac{37}{495}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{229}{495}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}^{2}\ \Phi_{33}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
17471	532	780	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{156}\ \Phi_{78}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
17472	532	390	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{390}^{2}\ \Phi_{195}\ \Phi_{130}^{2}\ \Phi_{78}^{2}\ \Phi_{65}\ \Phi_{39}\ \Phi_{30}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}$
17473	532	280	$\frac{3}{35}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{280}^{2}\ \Phi_{140}^{2}\ \Phi_{70}^{2}\ \Phi_{56}^{3}\ \Phi_{40}^{2}\ \Phi_{28}^{3}\ \Phi_{20}^{2}\ \Phi_{14}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
17474	532	88	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{88}^{7}\ \Phi_{44}^{7}\ \Phi_{22}^{3}\ \Phi_{11}^{4}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
17475	532	243	$\frac{23}{243}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{110}{243}$	$\Phi_{243}^{2}\ \Phi_{81}^{2}\ \Phi_{27}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
17476	532	580	$\frac{1}{20}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{580}\ \Phi_{290}\ \Phi_{145}\ \Phi_{116}\ \Phi_{58}$
17477	532	531	$\frac{20}{531}$	$\frac{73}{531}$	$\frac{151}{531}$	$\frac{229}{531}$	$\Phi_{531}\ \Phi_{177}\ \Phi_{59}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
17478	532	267	$\frac{8}{267}$	$\frac{37}{267}$	$\frac{1}{3}$	$\frac{115}{267}$	$\Phi_{267}^{2}\ \Phi_{89}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
17479	532	168	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{168}^{4}\ \Phi_{84}^{4}\ \Phi_{56}^{3}\ \Phi_{42}^{4}\ \Phi_{28}^{3}\ \Phi_{24}^{4}\ \Phi_{14}^{3}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
17480	532	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{264}^{2}\ \Phi_{132}^{2}\ \Phi_{88}^{3}\ \Phi_{66}^{2}\ \Phi_{44}^{3}\ \Phi_{24}^{2}\ \Phi_{22}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
17481	532	156	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{156}^{6}\ \Phi_{52}^{6}\ \Phi_{39}^{2}\ \Phi_{13}^{2}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
17482	532	300	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{6}{25}$	$\frac{5}{12}$	$\Phi_{300}^{3}\ \Phi_{100}^{3}\ \Phi_{60}^{3}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{12}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
17483	532	60	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{60}^{7}\ \Phi_{30}^{8}\ \Phi_{20}^{11}\ \Phi_{15}^{8}\ \Phi_{12}^{8}\ \Phi_{10}^{12}\ \Phi_{6}^{8}\ \Phi_{5}^{11}\ \Phi_{4}^{12}\ \Phi_{3}^{8}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
17484	532	180	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{180}^{6}\ \Phi_{60}^{3}\ \Phi_{45}^{2}\ \Phi_{36}^{6}\ \Phi_{20}^{3}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
17485	532	225	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{225}$	$\frac{92}{225}$	$\Phi_{225}^{2}\ \Phi_{75}^{2}\ \Phi_{45}^{4}\ \Phi_{25}^{2}\ \Phi_{15}^{4}\ \Phi_{9}^{3}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
17486	532	928	$\frac{1}{29}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{928}\ \Phi_{116}\ \Phi_{58}$
17487	532	390	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{390}^{2}\ \Phi_{195}\ \Phi_{130}^{2}\ \Phi_{78}^{2}\ \Phi_{65}\ \Phi_{30}^{2}\ \Phi_{26}^{2}\ \Phi_{15}\ \Phi_{6}^{2}$
17488	532	144	$\frac{11}{144}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{144}^{4}\ \Phi_{72}^{4}\ \Phi_{48}^{4}\ \Phi_{36}^{4}\ \Phi_{24}^{4}\ \Phi_{16}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{3}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
17489	532	216	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{25}{108}$	$\frac{83}{216}$	$\Phi_{216}^{4}\ \Phi_{72}^{4}\ \Phi_{27}^{4}\ \Phi_{24}^{4}\ \Phi_{9}^{3}\ \Phi_{8}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
17490	532	696	$\frac{1}{29}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}$
17491	532	870	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{870}\ \Phi_{290}\ \Phi_{174}\ \Phi_{145}\ \Phi_{58}$
17492	532	59	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{17}{59}$	$\frac{21}{59}$	$\Phi_{59}^{9}\ \Phi_{1}^{10}$
17493	532	405	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{127}{405}$	$\frac{139}{405}$	$\Phi_{405}\ \Phi_{135}^{2}\ \Phi_{81}\ \Phi_{45}^{2}\ \Phi_{27}^{2}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
17494	532	135	$\frac{2}{135}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{135}^{4}\ \Phi_{45}^{4}\ \Phi_{27}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
17495	532	198	$\frac{1}{66}$	$\frac{65}{198}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{198}^{4}\ \Phi_{99}^{4}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
17496	532	408	$\frac{3}{136}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{408}\ \Phi_{204}\ \Phi_{136}^{2}\ \Phi_{102}\ \Phi_{68}^{2}\ \Phi_{51}\ \Phi_{34}^{2}\ \Phi_{24}\ \Phi_{17}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
17497	532	528	$\frac{1}{44}$	$\frac{43}{176}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}^{2}\ \Phi_{88}^{2}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
17498	532	117	$\frac{1}{39}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{117}^{6}\ \Phi_{39}^{2}\ \Phi_{13}^{2}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
17499	532	165	$\frac{1}{33}$	$\frac{32}{165}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}^4\ \Phi_{55}^4\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
17500	532	138	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{138}^4\ \Phi_{69}^4\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_3\ \Phi_1^2$
17501	532	66	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{66}^6\ \Phi_{33}^6\ \Phi_{22}^{12}\ \Phi_{11}^{12}\ \Phi_6^6\ \Phi_3^7\ \Phi_2^{12}\ \Phi_1^{14}$
17502	532	120	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^4\ \Phi_{60}^3\ \Phi_{40}^8\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^6\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^6\ \Phi_8^6\ \Phi_6^2\ \Phi_5^6\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
17503	532	297	$\frac{2}{33}$	$\frac{31}{297}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{297}^2\ \Phi_{99}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
17504	532	105	$\frac{1}{15}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^6\ \Phi_{35}^6\ \Phi_{21}^4\ \Phi_{15}^2\ \Phi_7^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
17505	532	429	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{429}\ \Phi_{143}^2\ \Phi_{39}\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
17506	532	144	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{144}^4\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
17507	532	225	$\frac{2}{75}$	$\frac{2}{9}$	$\frac{73}{225}$	$\frac{1}{3}$	$\Phi_{225}^2\ \Phi_{75}^3\ \Phi_{45}^2\ \Phi_{25}^3\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
17508	532	135	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{135}^6\ \Phi_{27}^4\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
17509	532	225	$\frac{1}{25}$	$\frac{2}{9}$	$\frac{6}{25}$	$\frac{1}{3}$	$\Phi_{225}^3\ \Phi_{45}^3\ \Phi_{25}^3\ \Phi_9^4\ \Phi_5^3\ \Phi_1^4$
17510	532	180	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{45}^3\ \Phi_{36}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
17511	532	45	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{45}^{11}\ \Phi_{15}^{13}\ \Phi_9^{12}\ \Phi_5^{13}\ \Phi_3^{13}\ \Phi_1^{14}$
17512	532	63	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{63}^9\ \Phi_{21}^{10}\ \Phi_9^3\ \Phi_7^{10}\ \Phi_3^3\ \Phi_1^4$
17513	532	120	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{40}^6\ \Phi_{24}^4\ \Phi_{20}^6\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_8^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
17514	532	840	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
17515	532	792	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}$
17516	532	27	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{8}{27}$	$\Phi_{27}^{28}\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
17517	532	1080	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
17518	532	162	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{29}{162}$	$\frac{23}{81}$	$\Phi_{162}^4\ \Phi_{81}^2\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_9^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
17519	532	840	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
17520	532	72	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{2}{9}$	$\Phi_{72}^9\ \Phi_{36}^9\ \Phi_{24}^{10}\ \Phi_{12}^{10}\ \Phi_9^3\ \Phi_8^{10}\ \Phi_4^{10}\ \Phi_3^3\ \Phi_1^4$
17521	532	120	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{120}^5\ \Phi_{60}^5\ \Phi_{40}^6\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{10}^7\ \Phi_5^6$
17522	533	1056	$\frac{5}{528}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{523}{1056}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{96}\ \Phi_{32}\ \Phi_8\ \Phi_1$
17523	533	912	$\frac{1}{76}$	$\frac{77}{456}$	$\frac{379}{912}$	$\frac{75}{152}$	$\Phi_{912}\ \Phi_{304}\ \Phi_{152}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
17524	533	240	$\frac{1}{40}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{39}{80}$	$\Phi_{240}^4\ \Phi_{80}^5\ \Phi_{48}^4\ \Phi_{24}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
17525	533	240	$\frac{1}{40}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{240}^4\ \Phi_{80}^5\ \Phi_{48}^4\ \Phi_{16}^5\ \Phi_{15}\ \Phi_5\ \Phi_1$
17526	533	720	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{39}{80}$	$\Phi_{720}^2\ \Phi_{144}^2\ \Phi_{80}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
17527	533	80	$\frac{1}{40}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{39}{80}$	$\Phi_{80}^5\ \Phi_{40}^8\ \Phi_{20}^8\ \Phi_{16}^6\ \Phi_{10}^8\ \Phi_8^9\ \Phi_5^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
17528	533	1008	$\frac{1}{28}$	$\frac{29}{504}$	$\frac{475}{1008}$	$\frac{27}{56}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
17529	533	672	$\frac{1}{28}$	$\frac{29}{168}$	$\frac{139}{672}$	$\frac{27}{56}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{112}\ \Phi_{96}\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
17530	533	546	$\frac{2}{39}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{546}\ \Phi_{273}\ \Phi_{182}\ \Phi_{91}\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{13}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
17531	533	1008	$\frac{29}{504}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{475}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}\ \Phi_6\ \Phi_3\ \Phi_1$
17532	533	56	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{56}^{13}\ \Phi_{14}^{12}\ \Phi_8^{13}\ \Phi_7^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
17533	533	616	$\frac{6}{77}$	$\frac{83}{616}$	$\frac{1}{7}$	$\frac{71}{154}$	$\Phi_{616}\ \Phi_{308}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{28}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
17534	533	76	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{11}{76}$	$\frac{35}{76}$	$\Phi_{76}^6\ \Phi_{38}^8\ \Phi_{19}^8\ \Phi_4^6\ \Phi_2^8\ \Phi_1^9$
17535	533	120	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{19}{60}$	$\frac{11}{24}$	$\Phi_{120}^8\ \Phi_{60}\ \Phi_{40}^8\ \Phi_{30}\ \Phi_{24}^9\ \Phi_{15}\ \Phi_{12}\ \Phi_8^9\ \Phi_6\ \Phi_3\ \Phi_1$
17536	533	264	$\frac{3}{44}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{264}^4\ \Phi_{88}^4\ \Phi_{44}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
17537	533	360	$\frac{1}{12}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{360}^3\ \Phi_{120}^2\ \Phi_{72}^3\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{24}^3\ \Phi_{15}\ \Phi_9\ \Phi_8^3\ \Phi_3\ \Phi_1$
17538	533	600	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{11}{24}$	$\Phi_{600}^2\ \Phi_{200}^2\ \Phi_{50}\ \Phi_{25}\ \Phi_{24}\ \Phi_8\ \Phi_1$
17539	533	48	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{11}{24}$	$\Phi_{48}^{13}\ \Phi_{24}^{10}\ \Phi_{16}^{13}\ \Phi_{12}^9\ \Phi_8^9\ \Phi_6^9\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
17540	533	980	$\frac{43}{490}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{447}{980}$	$\Phi_{980}\ \Phi_{196}\ \Phi_{140}\ \Phi_{49}\ \Phi_{28}\ \Phi_{20}\ \Phi_4\ \Phi_1$
17541	533	588	$\frac{55}{588}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{588}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{84}\ \Phi_{49}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
17542	533	504	$\frac{1}{14}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{504}^2\ \Phi_{168}^2\ \Phi_{72}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
17543	533	924	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{462}$	$\frac{391}{924}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
17544	533	336	$\frac{1}{14}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
17545	533	912	$\frac{1}{38}$	$\frac{77}{456}$	$\frac{37}{114}$	$\frac{379}{912}$	$\Phi_{912}\ \Phi_{304}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}\ \Phi_{16}\ \Phi_6\ \Phi_3\ \Phi_1$
17546	533	70	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{70}^6\ \Phi_{35}^7\ \Phi_{14}^{12}\ \Phi_{10}^6\ \Phi_7^{12}\ \Phi_5^7\ \Phi_2^{12}\ \Phi_1^{13}$
17547	533	896	$\frac{1}{28}$	$\frac{85}{448}$	$\frac{27}{112}$	$\frac{363}{896}$	$\Phi_{896}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{16}\ \Phi_8\ \Phi_1$
17548	533	760	$\frac{1}{38}$	$\frac{37}{190}$	$\frac{227}{760}$	$\frac{153}{380}$	$\Phi_{760}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{40}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
17549	533	672	$\frac{1}{28}$	$\frac{139}{672}$	$\frac{27}{112}$	$\frac{85}{224}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
17550	533	792	$\frac{5}{264}$	$\frac{1}{4}$	$\frac{259}{792}$	$\frac{3}{8}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
17551	533	544	$\frac{11}{544}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_8\ \Phi_1$
17552	533	704	$\frac{5}{176}$	$\frac{171}{704}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{704}\ \Phi_{352}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_1$
17553	533	552	$\frac{19}{552}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_8\ \Phi_1$
17554	533	616	$\frac{5}{88}$	$\frac{83}{616}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{77}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
17555	533	576	$\frac{43}{576}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
17556	533	840	$\frac{1}{28}$	$\frac{27}{140}$	$\frac{113}{420}$	$\frac{307}{840}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
17557	533	588	$\frac{1}{14}$	$\frac{55}{588}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{588}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{42}\ \Phi_{21}\ \Phi_6\ \Phi_3\ \Phi_1$
17558	533	684	$\frac{1}{38}$	$\frac{151}{684}$	$\frac{37}{114}$	$\frac{77}{228}$	$\Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{57}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
17559	533	60	$\frac{1}{20}$	$\frac{2}{15}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{60}^9\ \Phi_{30}^9\ \Phi_{20}^8\ \Phi_{15}^{10}\ \Phi_{12}^9\ \Phi_{10}^8\ \Phi_6^9\ \Phi_5^9\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
17560	533	660	$\frac{3}{44}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_5\ \Phi_1$
17561	533	45	$\frac{4}{45}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{45}^{13}\ \Phi_{15}^{10}\ \Phi_9^{13}\ \Phi_5^9\ \Phi_3^9\ \Phi_1^9$
17562	533	150	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{150}^4\ \Phi_{75}^4\ \Phi_{50}^5\ \Phi_{25}^5\ \Phi_{15}\ \Phi_5\ \Phi_1$
17563	533	240	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{240}^3\ \Phi_{120}^2\ \Phi_{80}^3\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}^3\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^3\ \Phi_3\ \Phi_1$
17564	533	180	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{19}{60}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}\ \Phi_{18}^5\ \Phi_{15}\ \Phi_{12}\ \Phi_9^5\ \Phi_6\ \Phi_3\ \Phi_1$
17565	533	240	$\frac{1}{20}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{19}{60}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{60}\ \Phi_{48}^4\ \Phi_{30}\ \Phi_{24}^4\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
17566	533	756	$\frac{1}{14}$	$\frac{29}{252}$	$\frac{223}{756}$	$\frac{13}{42}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{108}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_6\ \Phi_3\ \Phi_1$
17567	533	630	$\frac{1}{14}$	$\frac{97}{630}$	$\frac{29}{126}$	$\frac{13}{42}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
17568	533	672	$\frac{1}{14}$	$\frac{29}{168}$	$\frac{139}{672}$	$\frac{13}{42}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{112}\ \Phi_{96}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{21}\ \Phi_{16}\ \Phi_6\ \Phi_3\ \Phi_1$
17569	533	693	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{160}{693}$	$\frac{71}{231}$	$\Phi_{693}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{11}\ \Phi_9\ \Phi_1$
17570	533	57	$\frac{5}{57}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{16}{57}$	$\Phi_{57}^9\ \Phi_{19}^{10}\ \Phi_3^9\ \Phi_1^{11}$
17571	533	396	$\frac{3}{44}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{44}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
17572	533	378	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{54}\ \Phi_{42}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
17573	533	90	$\frac{4}{45}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{90}^5\ \Phi_{45}^6\ \Phi_{30}^6\ \Phi_{18}^6\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_9^7\ \Phi_6^6\ \Phi_5^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
17574	533	450	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{50}$	$\frac{5}{18}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{50}\ \Phi_{25}\ \Phi_{18}\ \Phi_9\ \Phi_1$
17575	533	144	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{144}^6\ \Phi_{72}^4\ \Phi_{48}\ \Phi_{36}^4\ \Phi_{24}\ \Phi_{18}^5\ \Phi_{16}\ \Phi_{12}\ \Phi_9^5\ \Phi_6\ \Phi_3\ \Phi_1$
17576	533	735	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{245}$	$\frac{202}{735}$	$\Phi_{735}\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}\ \Phi_{21}\ \Phi_{15}\ \Phi_3\ \Phi_1$
17577	533	176	$\frac{3}{44}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{176}^4\ \Phi_{88}^4\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
17578	533	720	$\frac{4}{45}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
17579	533	400	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{400}^2\ \Phi_{200}^2\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_8\ \Phi_1$
17580	533	48	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{48}^{13}\ \Phi_{24}^{13}\ \Phi_{16}^6\ \Phi_{12}^{13}\ \Phi_8^9\ \Phi_6^{13}\ \Phi_4^8\ \Phi_3^{13}\ \Phi_2^8\ \Phi_1^9$
17581	534	880	$\frac{1}{88}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{87}{176}$	$\Phi_{880}\ \Phi_{176}^2\ \Phi_{80}\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
17582	534	528	$\frac{1}{88}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{87}{176}$	$\Phi_{528}^3\ \Phi_{48}^3\ \Phi_{12}\ \Phi_6$
17583	534	1218	$\frac{2}{87}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{1218}\ \Phi_{406}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
17584	534	164	$\frac{1}{41}$	$\frac{7}{82}$	$\frac{75}{164}$	$\frac{20}{41}$	$\Phi_{164}^6\ \Phi_{41}\ \Phi_4^6\ \Phi_1^2$
17585	534	123	$\frac{1}{41}$	$\frac{7}{41}$	$\frac{34}{123}$	$\frac{20}{41}$	$\Phi_{123}^6\ \Phi_{41}\ \Phi_3^6\ \Phi_1^2$
17586	534	328	$\frac{1}{41}$	$\frac{61}{328}$	$\frac{21}{82}$	$\frac{20}{41}$	$\Phi_{328}^2\ \Phi_{164}^2\ \Phi_{41}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
17587	534	520	$\frac{7}{260}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{253}{520}$	$\Phi_{520}^2\ \Phi_{104}^2\ \Phi_{40}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
17588	534	840	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
17589	534	1190	$\frac{4}{85}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{81}{170}$	$\Phi_{1190}\ \Phi_{238}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
17590	534	169	$\frac{9}{169}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{80}{169}$	$\Phi_{169}^3\ \Phi_{13}^5\ \Phi_1^6$
17591	534	756	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
17592	534	168	$\frac{5}{84}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{79}{168}$	$\Phi_{168}^6\ \Phi_{56}^6\ \Phi_{42}\ \Phi_{24}^6\ \Phi_{21}\ \Phi_{14}\ \Phi_8^6$
17593	534	364	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{97}{364}$	$\frac{85}{182}$	$\Phi_{364}^2\ \Phi_{91}^2\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
17594	534	130	$\frac{7}{130}$	$\frac{1}{13}$	$\frac{41}{130}$	$\frac{6}{13}$	$\Phi_{130}^4\ \Phi_{65}^4\ \Phi_{26}^4\ \Phi_{13}^5\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
17595	534	286	$\frac{19}{286}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{286}^2\ \Phi_{143}^2\ \Phi_{22}^2\ \Phi_{13}\ \Phi_{11}^2\ \Phi_1^2$
17596	534	325	$\frac{1}{13}$	$\frac{7}{65}$	$\frac{58}{325}$	$\frac{6}{13}$	$\Phi_{325}^2\ \Phi_{25}^2\ \Phi_{13}\ \Phi_1^2$
17597	534	104	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{15}{104}$	$\frac{6}{13}$	$\Phi_{104}^6\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{13}^5\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
17598	534	164	$\frac{2}{41}$	$\frac{7}{82}$	$\frac{13}{41}$	$\frac{75}{164}$	$\Phi_{164}^6\ \Phi_{41}\ \Phi_4^6\ \Phi_1^2$
17599	534	164	$\frac{7}{82}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{75}{164}$	$\Phi_{164}^6\ \Phi_{41}\ \Phi_4^6\ \Phi_1^2$
17600	534	1134	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{73}{162}$	$\Phi_{1134}\ \Phi_{378}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
17601	534	700	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
17602	534	1120	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{7}$	$\frac{71}{160}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
17603	534	156	$\frac{1}{13}$	$\frac{11}{78}$	$\frac{2}{13}$	$\frac{67}{156}$	$\Phi_{156}^6\ \Phi_{52}^6\ \Phi_{13}^5\ \Phi_{12}^6\ \Phi_4^6\ \Phi_1^6$
17604	534	104	$\frac{1}{13}$	$\frac{15}{104}$	$\frac{2}{13}$	$\frac{11}{26}$	$\Phi_{104}^6\ \Phi_{52}^6\ \Phi_{13}^5\ \Phi_8^6\ \Phi_4^6\ \Phi_1^6$
17605	534	672	$\frac{7}{96}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
17606	534	455	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{79}{455}$	$\frac{188}{455}$	$\Phi_{455}\ \Phi_{91}^2\ \Phi_{65}\ \Phi_{35}\ \Phi_{13}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
17607	534	1050	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{14}{75}$	$\frac{61}{150}$	$\Phi_{1050}\ \Phi_{350}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
17608	534	660	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{43}{132}$	$\frac{2}{5}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
17609	534	460	$\frac{3}{92}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{460}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_5\ \Phi_1^2$
17610	534	110	$\frac{1}{22}$	$\frac{21}{110}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{110}^5\ \Phi_{55}^5\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_{10}^5\ \Phi_5^6\ \Phi_2^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
17611	534	480	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
17612	534	495	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}^2\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
17613	534	91	$\frac{2}{91}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{91}^6\ \Phi_{13}^5\ \Phi_7^6\ \Phi_1^6$
17614	534	1008	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{17}{72}$	$\frac{55}{144}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
17615	534	816	$\frac{5}{272}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
17616	534	402	$\frac{1}{67}$	$\frac{22}{67}$	$\frac{1}{3}$	$\frac{45}{134}$	$\Phi_{402}^3\ \Phi_{201}\ \Phi_6^3$
17617	534	132	$\frac{1}{44}$	$\frac{1}{4}$	$\frac{43}{132}$	$\frac{1}{3}$	$\Phi_{132}^3\ \Phi_{66}^3\ \Phi_{44}^6\ \Phi_{33}^3\ \Phi_{22}^6\ \Phi_{12}^4\ \Phi_{11}^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
17618	534	276	$\frac{3}{92}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{276}^3\ \Phi_{138}^3\ \Phi_{69}^3\ \Phi_{12}\ \Phi_6$
17619	534	1056	$\frac{3}{88}$	$\frac{85}{352}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{96}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
17620	534	660	$\frac{1}{22}$	$\frac{21}{110}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}\ \Phi_{165}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
17621	534	924	$\frac{3}{44}$	$\frac{41}{308}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{231}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
17622	534	96	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{96}^6\ \Phi_{48}^6\ \Phi_{32}^6\ \Phi_{24}^3\ \Phi_{16}^6\ \Phi_{12}^4\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
17623	534	396	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
17624	534	123	$\frac{2}{41}$	$\frac{7}{41}$	$\frac{34}{123}$	$\frac{13}{41}$	$\Phi_{123}^6\ \Phi_{41}\ \Phi_3^6\ \Phi_1^2$
17625	534	756	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
17626	534	126	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{37}{126}$	$\Phi_{126}^6\ \Phi_{63}^6\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}^6\ \Phi_{14}\ \Phi_9^6$
17627	534	117	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{28}{117}$	$\frac{11}{39}$	$\Phi_{117}^6\ \Phi_{13}^5\ \Phi_9^6\ \Phi_1^6$
17628	534	123	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{34}{123}$	$\Phi_{123}^6\ \Phi_{41}\ \Phi_3^6\ \Phi_1^2$
17629	534	840	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
17630	535	424	$\frac{1}{106}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{105}{212}$	$\Phi_{424}^2\ \Phi_{212}\ \Phi_8^3\ \Phi_4\ \Phi_1$
17631	535	1056	$\frac{7}{528}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{521}{1056}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{96}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$
17632	535	210	$\frac{2}{105}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{103}{210}$	$\Phi_{210}^2\ \Phi_{105}^3\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^3\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
17633	535	1044	$\frac{13}{522}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{509}{1044}$	$\Phi_{1044}\ \Phi_{348}\ \Phi_{116}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
17634	535	144	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{37}{144}$	$\frac{35}{72}$	$\Phi_{144}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
17635	535	624	$\frac{3}{104}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{101}{208}$	$\Phi_{624}^2\ \Phi_{208}\ \Phi_{48}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
17636	535	648	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{113}{648}$	$\frac{103}{216}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
17637	535	204	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{97}{204}$	$\Phi_{204}^5\ \Phi_{68}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
17638	535	1008	$\frac{31}{504}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{473}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
17639	535	198	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{91}{198}$	$\Phi_{198}^2\ \Phi_{99}^3\ \Phi_{66}^2\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}^5\ \Phi_{11}^3\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
17640	535	120	$\frac{1}{12}$	$\frac{13}{120}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{120}^5\ \Phi_{60}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
17641	535	972	$\frac{5}{54}$	$\frac{49}{486}$	$\frac{1}{6}$	$\frac{437}{972}$	$\Phi_{972}\ \Phi_{324}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
17642	535	192	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{6}$	$\frac{85}{192}$	$\Phi_{192}^5\ \Phi_{64}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
17643	535	576	$\frac{41}{576}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
17644	535	792	$\frac{7}{264}$	$\frac{1}{6}$	$\frac{257}{792}$	$\frac{5}{12}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
17645	535	552	$\frac{17}{552}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_{12}\ \Phi_4\ \Phi_1$
17646	535	132	$\frac{7}{132}$	$\frac{1}{6}$	$\frac{25}{132}$	$\frac{5}{12}$	$\Phi_{132}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
17647	535	576	$\frac{41}{576}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
17648	535	180	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{17}{90}$	$\frac{73}{180}$	$\Phi_{180}^5\ \Phi_{60}^5\ \Phi_{36}^5\ \Phi_{20}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
17649	535	864	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{103}{432}$	$\frac{329}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
17650	535	1272	$\frac{1}{53}$	$\frac{1}{4}$	$\frac{52}{159}$	$\frac{3}{8}$	$\Phi_{1272}\ \Phi_{159}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
17651	535	336	$\frac{5}{112}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}\ \Phi_{84}^2\ \Phi_{56}\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
17652	535	162	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{26}{81}$	$\frac{55}{162}$	$\Phi_{162}^2\ \Phi_{81}^3\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
17653	535	126	$\frac{2}{21}$	$\frac{19}{126}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{126}^5\ \Phi_{63}^5\ \Phi_{42}^2\ \Phi_{21}^3\ \Phi_{18}^5\ \Phi_{14}^2\ \Phi_9^5\ \Phi_7^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
17654	535	120	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{120}^5\ \Phi_{60}^5\ \Phi_{40}^5\ \Phi_{30}^2\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{15}^3\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_8^5\ \Phi_6^4\ \Phi_5^3\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
17655	535	156	$\frac{3}{52}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{49}{156}$	$\Phi_{156}^3\ \Phi_{78}^3\ \Phi_{52}^4\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
17656	535	648	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{113}{648}$	$\frac{49}{162}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
17657	535	756	$\frac{31}{252}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{221}{756}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
17658	535	144	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{48}$	$\frac{37}{144}$	$\Phi_{144}^5\ \Phi_{72}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
17659	536	399	$\frac{1}{133}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{66}{133}$	$\Phi_{399}\ \Phi_{133}^2\ \Phi_{57}\ \Phi_{21}\ \Phi_{19}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
17660	536	107	$\frac{1}{107}$	$\frac{27}{107}$	$\frac{40}{107}$	$\frac{53}{107}$	$\Phi_{107}^5\ \Phi_1^6$
17661	536	807	$\frac{3}{269}$	$\frac{68}{269}$	$\frac{1}{3}$	$\frac{133}{269}$	Φ_{807}
17662	536	265	$\frac{3}{265}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{131}{265}$	$\Phi_{265}^2\ \Phi_{53}^2\ \Phi_5^3\ \Phi_1^4$
17663	536	924	$\frac{1}{66}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{65}{132}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{132}^2\ \Phi_{84}\ \Phi_{44}^2\ \Phi_{28}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
17664	536	660	$\frac{1}{66}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{65}{132}$	$\Phi_{660}^2\ \Phi_{220}^2\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}$
17665	536	525	$\frac{11}{525}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{257}{525}$	$\Phi_{525}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
17666	536	90	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{23}{90}$	$\frac{22}{45}$	$\Phi_{90}^8\ \Phi_{45}^4\ \Phi_{30}^8\ \Phi_{18}^8\ \Phi_{15}^4\ \Phi_{10}^8\ \Phi_9^4\ \Phi_6^8\ \Phi_5^3\ \Phi_3^4\ \Phi_2^8\ \Phi_1^4$
17667	536	130	$\frac{2}{65}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{63}{130}$	$\Phi_{130}^8\ \Phi_{26}^8\ \Phi_{10}^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
17668	536	405	$\frac{1}{27}$	$\frac{14}{81}$	$\frac{1}{5}$	$\frac{13}{27}$	$\Phi_{405}^2\ \Phi_{135}\ \Phi_{45}\ \Phi_{15}$
17669	536	1152	$\frac{3}{64}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
17670	536	255	$\frac{13}{255}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{121}{255}$	$\Phi_{255}^2\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
17671	536	630	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{59}{126}$	$\Phi_{630}^2\ \Phi_{210}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
17672	536	75	$\frac{1}{15}$	$\frac{8}{75}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{75}^8\ \Phi_{25}^8\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
17673	536	495	$\frac{41}{495}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{227}{495}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
17674	536	360	$\frac{5}{72}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2$
17675	536	120	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{5}$	$\frac{53}{120}$	$\Phi_{120}^8\ \Phi_{40}^8\ \Phi_{24}^8\ \Phi_{15}^4\ \Phi_8^8\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
17676	536	483	$\frac{2}{69}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{483}\ \Phi_{161}\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_7\ \Phi_1^2$
17677	536	693	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{32}{99}$	$\frac{3}{7}$	$\Phi_{693}\ \Phi_{99}^2\ \Phi_{63}\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
17678	536	616	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{21}{88}$	$\frac{3}{7}$	$\Phi_{616}\ \Phi_{308}\ \Phi_{88}^2\ \Phi_{56}\ \Phi_{44}^2\ \Phi_{28}\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
17679	536	504	$\frac{5}{72}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
17680	536	77	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{77}^7\ \Phi_{11}^6\ \Phi_7^8\ \Phi_1^8$
17681	536	225	$\frac{2}{45}$	$\frac{43}{225}$	$\frac{1}{5}$	$\frac{91}{225}$	$\Phi_{225}^2\ \Phi_{75}^2\ \Phi_{45}^4\ \Phi_{25}^2\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
17682	536	70	$\frac{3}{70}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{70}^8\ \Phi_{35}^8\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_7^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
17683	536	540	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{13}{54}$	$\frac{41}{108}$	$\Phi_{540}^2\ \Phi_{180}^2\ \Phi_{135}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{20}^2\ \Phi_{15}$
17684	536	72	$\frac{5}{72}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^7\ \Phi_{36}^8\ \Phi_{24}^7\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^7\ \Phi_8^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
17685	536	306	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{306}^3\ \Phi_{153}\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{18}^3\ \Phi_6^2\ \Phi_2^2$
17686	536	405	$\frac{4}{135}$	$\frac{1}{5}$	$\frac{131}{405}$	$\frac{137}{405}$	$\Phi_{405}\ \Phi_{135}^2\ \Phi_{81}\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
17687	536	204	$\frac{1}{68}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{204}^3\ \Phi_{102}^3\ \Phi_{68}^2\ \Phi_{51}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
17688	536	345	$\frac{2}{69}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{345}^2\ \Phi_{115}^2\ \Phi_{15}$
17689	536	210	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^4\ \Phi_{42}^2\ \Phi_{35}^4\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^2\ \Phi_6^2\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
17690	536	228	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^4\ \Phi_{57}\ \Phi_{38}^4\ \Phi_{19}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
17691	536	495	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{32}{99}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{45}^2\ \Phi_{15}$
17692	536	1320	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{21}{88}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{120}\ \Phi_{60}\ \Phi_{15}$
17693	536	165	$\frac{2}{33}$	$\frac{31}{165}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{165}^3\ \Phi_{55}^3\ \Phi_{33}^4\ \Phi_{15}^4\ \Phi_{11}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
17694	536	360	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{15}$
17695	536	1155	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{105}\ \Phi_{15}$
17696	536	195	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{61}{195}$	$\Phi_{195}^4\ \Phi_{39}^4\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
17697	536	288	$\frac{3}{32}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}\ \Phi_{72}^2\ \Phi_{48}\ \Phi_{36}^3\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17698	536	945	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{5}$	$\frac{55}{189}$	$\Phi_{945}\ \Phi_{135}\ \Phi_{45}\ \Phi_{15}$
17699	536	315	$\frac{11}{105}$	$\frac{47}{315}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{315}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
17700	536	75	$\frac{8}{75}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{75}^7\ \Phi_{25}^7\ \Phi_{15}^8\ \Phi_5^7\ \Phi_3^8\ \Phi_1^8$
17701	536	90	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{30}$	$\frac{23}{90}$	$\Phi_{90}^8\ \Phi_{45}^8\ \Phi_{18}^8\ \Phi_{15}^4\ \Phi_9^8\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
17702	536	720	$\frac{1}{9}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
17703	537	708	$\frac{2}{177}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{175}{354}$	$\Phi_{708}\ \Phi_{236}\ \Phi_{177}\ \Phi_{59}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
17704	537	240	$\frac{1}{60}$	$\frac{1}{4}$	$\frac{61}{240}$	$\frac{59}{120}$	$\Phi_{240}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
17705	537	352	$\frac{3}{176}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{173}{352}$	$\Phi_{352}^3\ \Phi_{32}^3\ \Phi_{16}\ \Phi_1$
17706	537	352	$\frac{3}{176}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{173}{352}$	$\Phi_{352}^3\ \Phi_{32}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
17707	537	700	$\frac{4}{175}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{171}{350}$	$\Phi_{700}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
17708	537	216	$\frac{1}{36}$	$\frac{37}{216}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{216}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
17709	537	348	$\frac{5}{174}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{169}{348}$	$\Phi_{348}\ \Phi_{174}^2\ \Phi_{116}\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
17710	537	1040	$\frac{17}{520}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{503}{1040}$	$\Phi_{1040}\ \Phi_{208}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
17711	537	684	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{163}{342}$	$\Phi_{684}\ \Phi_{228}\ \Phi_{171}\ \Phi_{76}\ \Phi_{57}\ \Phi_{36}^2\ \Phi_{19}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
17712	537	1024	$\frac{25}{512}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{487}{1024}$	$\Phi_{1024}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
17713	537	200	$\frac{1}{20}$	$\frac{21}{200}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{200}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
17714	537	340	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{161}{340}$	$\Phi_{340}\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{68}\ \Phi_{34}^2\ \Phi_{20}^3\ \Phi_{17}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
17715	537	336	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{157}{336}$	$\Phi_{336}^3\ \Phi_{112}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
17716	537	192	$\frac{13}{192}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
17717	537	660	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{1}{4}$	$\frac{151}{330}$	$\Phi_{660}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
17718	537	324	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{1}{4}$	$\frac{145}{324}$	$\Phi_{324}\ \Phi_{162}^2\ \Phi_{108}\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
17719	537	320	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{1}{4}$	$\frac{141}{320}$	$\Phi_{320}^3\ \Phi_{64}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
17720	537	704	$\frac{9}{176}$	$\frac{1}{8}$	$\frac{167}{704}$	$\frac{7}{16}$	$\Phi_{704}\ \Phi_{352}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
17721	537	192	$\frac{13}{192}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
17722	537	560	$\frac{23}{560}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
17723	537	300	$\frac{1}{30}$	$\frac{29}{150}$	$\frac{1}{4}$	$\frac{121}{300}$	$\Phi_{300}\ \Phi_{150}^2\ \Phi_{100}\ \Phi_{75}^2\ \Phi_{60}^3\ \Phi_{50}^2\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
17724	537	192	$\frac{13}{192}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^2\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
17725	537	288	$\frac{1}{36}$	$\frac{35}{144}$	$\frac{1}{4}$	$\frac{109}{288}$	$\Phi_{288}^3\ \Phi_{96}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
17726	537	184	$\frac{5}{184}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{184}^3\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{23}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
17727	537	201	$\frac{4}{67}$	$\frac{22}{201}$	$\frac{21}{67}$	$\frac{23}{67}$	$\Phi_{201}^3\ \Phi_{67}^2\ \Phi_3^3\ \Phi_1^3$
17728	537	272	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{43}{136}$	$\frac{93}{272}$	$\Phi_{272}^3\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}^3\ \Phi_1$
17729	537	540	$\frac{1}{45}$	$\frac{1}{4}$	$\frac{44}{135}$	$\frac{91}{270}$	$\Phi_{540}\ \Phi_{180}^2\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
17730	537	268	$\frac{1}{67}$	$\frac{22}{67}$	$\frac{89}{268}$	$\frac{45}{134}$	$\Phi_{268}^3\ \Phi_{67}^2\ \Phi_4^3\ \Phi_1^3$
17731	537	231	$\frac{2}{77}$	$\frac{52}{231}$	$\frac{25}{77}$	$\frac{1}{3}$	$\Phi_{231}^2\ \Phi_{77}^3\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{11}^3\ \Phi_7^3\ \Phi_3\ \Phi_1^3$
17732	537	264	$\frac{3}{88}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{85}{264}$	$\Phi_{264}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
17733	537	216	$\frac{1}{18}$	$\frac{37}{216}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{216}^3\ \Phi_{108}\ \Phi_{72}^3\ \Phi_{54}^2\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
17734	537	260	$\frac{17}{260}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{81}{260}$	$\Phi_{260}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{20}^3\ \Phi_{13}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
17735	537	256	$\frac{25}{256}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{77}{256}$	$\Phi_{256}^2\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
17736	537	252	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{4}$	$\frac{73}{252}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{63}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
17737	537	240	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{1}{4}$	$\frac{61}{240}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
17738	537	192	$\frac{13}{192}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
17739	537	220	$\frac{3}{44}$	$\frac{41}{220}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{220}^3\ \Phi_{110}^3\ \Phi_{55}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
17740	537	200	$\frac{21}{200}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{200}^3\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{40}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
17741	537	420	$\frac{4}{35}$	$\frac{31}{210}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^2\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
17742	537	640	$\frac{1}{8}$	$\frac{103}{640}$	$\frac{25}{128}$	$\frac{7}{32}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
17743	538	534	$\frac{2}{267}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{265}{534}$	$\Phi_{534}^2\ \Phi_{178}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17744	538	360	$\frac{1}{90}$	$\frac{91}{360}$	$\frac{1}{3}$	$\frac{89}{180}$	$\Phi_{360}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17745	538	531	$\frac{7}{531}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{262}{531}$	$\Phi_{531}\ \Phi_{177}\ \Phi_{59}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
17746	538	1590	$\frac{4}{265}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{261}{530}$	$\Phi_{1590}\ \Phi_{318}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
17747	538	324	$\frac{1}{54}$	$\frac{55}{324}$	$\frac{1}{3}$	$\frac{53}{108}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17748	538	528	$\frac{5}{264}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{259}{528}$	$\Phi_{528}^2\ \Phi_{176}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17749	538	525	$\frac{13}{525}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{256}{525}$	$\Phi_{525}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
17750	538	522	$\frac{8}{261}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{253}{522}$	$\Phi_{522}^2\ \Phi_{174}^2\ \Phi_{58}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17751	538	300	$\frac{1}{30}$	$\frac{31}{300}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17752	538	1560	$\frac{9}{260}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{251}{520}$	$\Phi_{1560}\ \Phi_{312}\ \Phi_{120}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
17753	538	513	$\frac{25}{513}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{244}{513}$	$\Phi_{513}\ \Phi_{171}\ \Phi_{57}\ \Phi_{27}^2\ \Phi_{19}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
17754	538	510	$\frac{14}{255}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{241}{510}$	$\Phi_{510}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17755	538	288	$\frac{1}{18}$	$\frac{19}{288}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
17756	538	504	$\frac{1}{18}$	$\frac{17}{252}$	$\frac{1}{3}$	$\frac{235}{504}$	$\Phi_{504}^2\ \Phi_{168}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17757	538	495	$\frac{2}{45}$	$\frac{43}{495}$	$\frac{1}{3}$	$\frac{226}{495}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
17758	538	840	$\frac{11}{280}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
17759	538	486	$\frac{1}{27}$	$\frac{26}{243}$	$\frac{1}{3}$	$\frac{217}{486}$	$\Phi_{486}^2\ \Phi_{162}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17760	538	480	$\frac{1}{30}$	$\frac{29}{240}$	$\frac{1}{3}$	$\frac{211}{480}$	$\Phi_{480}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17761	538	276	$\frac{7}{276}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17762	538	450	$\frac{1}{45}$	$\frac{44}{225}$	$\frac{1}{3}$	$\frac{181}{450}$	$\Phi_{450}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17763	538	432	$\frac{1}{54}$	$\frac{53}{216}$	$\frac{1}{3}$	$\frac{163}{432}$	$\Phi_{432}^2\ \Phi_{144}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17764	538	405	$\frac{2}{135}$	$\frac{133}{405}$	$\frac{1}{3}$	$\frac{136}{405}$	$\Phi_{405}\ \Phi_{135}^2\ \Phi_{81}\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
17765	538	324	$\frac{1}{27}$	$\frac{55}{324}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17766	538	396	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{127}{396}$	$\frac{1}{3}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17767	538	390	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{121}{390}$	$\frac{1}{3}$	$\Phi_{390}\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17768	538	378	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{109}{378}$	$\frac{1}{3}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17769	538	360	$\frac{1}{30}$	$\frac{29}{120}$	$\frac{91}{360}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17770	538	288	$\frac{19}{288}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17771	538	330	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{330}$	$\frac{1}{3}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17772	538	300	$\frac{31}{300}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
17773	538	315	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{46}{315}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
17774	539	456	$\frac{1}{76}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{75}{152}$	$\Phi_{456}^2\ \Phi_{152}^3\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
17775	539	1368	$\frac{1}{76}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{75}{152}$	$\Phi_{1368}\ \Phi_{152}\ \Phi_{72}\ \Phi_9\ \Phi_8\ \Phi_1$
17776	539	480	$\frac{1}{48}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{47}{96}$	$\Phi_{480}^2\ \Phi_{160}^2\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_{20}\ \Phi_4\ \Phi_1$
17777	539	480	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{47}{96}$	$\Phi_{480}^2\ \Phi_{160}^2\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_{15}\ \Phi_3\ \Phi_1$
17778	539	600	$\frac{2}{75}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
17779	539	104	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{104}^5\ \Phi_{52}^6\ \Phi_{26}^5\ \Phi_{13}^5\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
17780	539	144	$\frac{5}{72}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{144}^7\ \Phi_{48}^7\ \Phi_{24}^2\ \Phi_{16}^7\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
17781	539	180	$\frac{1}{12}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{180}^3\ \Phi_{90}^2\ \Phi_{60}^4\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{18}^2\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
17782	539	1020	$\frac{2}{51}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1020}\ \Phi_{340}\ \Phi_{204}\ \Phi_{68}\ \Phi_{51}\ \Phi_{20}\ \Phi_{17}\ \Phi_4\ \Phi_1$
17783	539	360	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{23}{72}$	$\frac{9}{20}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{72}^3\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{20}\ \Phi_{18}^3\ \Phi_9^3\ \Phi_4\ \Phi_1$
17784	539	260	$\frac{3}{52}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{260}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{20}\ \Phi_{13}^3\ \Phi_4\ \Phi_1$
17785	539	320	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{15}{64}$	$\frac{9}{20}$	$\Phi_{320}^2\ \Phi_{160}^2\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{20}\ \Phi_4\ \Phi_1$
17786	539	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{60}^9\ \Phi_{30}^9\ \Phi_{20}^{10}\ \Phi_{15}^9\ \Phi_{12}^8\ \Phi_{10}^9\ \Phi_6^8\ \Phi_5^9\ \Phi_4^9\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
17787	539	540	$\frac{5}{54}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{540}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
17788	539	40	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{40}^{12}\ \Phi_{20}^{13}\ \Phi_{10}^{12}\ \Phi_8^{18}\ \Phi_5^{12}\ \Phi_4^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
17789	539	228	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{37}{114}$	$\frac{5}{12}$	$\Phi_{228}^4\ \Phi_{114}\ \Phi_{76}^4\ \Phi_{57}\ \Phi_{12}^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
17790	539	240	$\frac{3}{80}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^3\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
17791	539	1140	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{18}{95}$	$\frac{5}{12}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{95}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
17792	539	228	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{228}^4\ \Phi_{76}^4\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{12}^5\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
17793	539	24	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{24}^{26}\ \Phi_{12}^{20}\ \Phi_8^{25}\ \Phi_6^{19}\ \Phi_4^{19}\ \Phi_3^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
17794	539	520	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{520}\ \Phi_{260}\ \Phi_{104}^2\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
17795	539	450	$\frac{1}{50}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{450}\ \Phi_{225}\ \Phi_{150}^2\ \Phi_{90}\ \Phi_{75}^2\ \Phi_{50}\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
17796	539	240	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{240}^4\ \Phi_{80}^3\ \Phi_{60}^2\ \Phi_{48}^4\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
17797	539	400	$\frac{1}{50}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{400}^2\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
17798	539	342	$\frac{1}{38}$	$\frac{2}{9}$	$\frac{37}{114}$	$\frac{1}{3}$	$\Phi_{342}^2\ \Phi_{171}^2\ \Phi_{114}\ \Phi_{57}\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
17799	539	255	$\frac{2}{51}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{255}^2\ \Phi_{85}^2\ \Phi_{51}^3\ \Phi_{17}^3\ \Phi_{15}\ \Phi_3\ \Phi_1$
17800	539	720	$\frac{3}{80}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
17801	539	855	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{855}\ \Phi_{95}\ \Phi_{45}\ \Phi_9\ \Phi_5\ \Phi_1$
17802	539	342	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{342}^2\ \Phi_{171}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{18}^2\ \Phi_9^3\ \Phi_2^2\ \Phi_1^3$
17803	539	72	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{72}^{11}\ \Phi_{36}^8\ \Phi_{24}^4\ \Phi_{18}^8\ \Phi_{12}^3\ \Phi_9^9\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
17804	539	360	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
17805	539	360	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{23}{72}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{72}^3\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{15}\ \Phi_9^3\ \Phi_3\ \Phi_1$
17806	539	216	$\frac{1}{8}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{216}^4\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
17807	539	360	$\frac{1}{8}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
17808	539	780	$\frac{3}{52}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_3\ \Phi_1$
17809	539	960	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{64}$	$\frac{4}{15}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{15}\ \Phi_3\ \Phi_1$
17810	539	60	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{60}^9\ \Phi_{30}^9\ \Phi_{20}^9\ \Phi_{15}^{10}\ \Phi_{12}^8\ \Phi_{10}^9\ \Phi_6^8\ \Phi_5^9\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
17811	539	270	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^3\ \Phi_{45}^2\ \Phi_{27}^3\ \Phi_{18}^3\ \Phi_{15}\ \Phi_9^3\ \Phi_3\ \Phi_1$
17812	539	120	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{30}^6\ \Phi_{24}^6\ \Phi_{15}^7\ \Phi_{12}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
17813	539	96	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{96}^7\ \Phi_{48}^7\ \Phi_{32}^7\ \Phi_{24}^2\ \Phi_{16}^7\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
17814	540	804	$\frac{1}{134}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{133}{268}$	$\Phi_{804}\ \Phi_{268}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
17815	540	856	$\frac{1}{107}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{53}{107}$	$\Phi_{856}\ \Phi_{107}\ \Phi_8^2\ \Phi_1^2$
17816	540	445	$\frac{1}{89}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{44}{89}$	$\Phi_{445}\ \Phi_{89}^2\ \Phi_5^2\ \Phi_1^4$
17817	540	1068	$\frac{1}{89}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{44}{89}$	$\Phi_{1068}\ \Phi_{534}\ \Phi_{12}^2\ \Phi_6^2$
17818	540	77	$\frac{1}{77}$	$\frac{13}{77}$	$\frac{32}{77}$	$\frac{38}{77}$	$\Phi_{77}^7\ \Phi_{11}^7\ \Phi_7^7\ \Phi_1^8$
17819	540	266	$\frac{2}{133}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{131}{266}$	$\Phi_{266}^4\ \Phi_{38}^4\ \Phi_{14}^4\ \Phi_7\ \Phi_2^4\ \Phi_1^2$
17820	540	724	$\frac{3}{181}$	$\frac{1}{4}$	$\frac{46}{181}$	$\frac{89}{181}$	$\Phi_{724}\ \Phi_{362}$
17821	540	539	$\frac{9}{539}$	$\frac{134}{539}$	$\frac{137}{539}$	$\frac{265}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
17822	540	944	$\frac{1}{59}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{29}{59}$	$\Phi_{944}\ \Phi_{59}\ \Phi_{16}^2\ \Phi_1^2$
17823	540	236	$\frac{1}{59}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{29}{59}$	$\Phi_{236}^2\ \Phi_{118}^2\ \Phi_{59}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
17824	540	813	$\frac{5}{271}$	$\frac{46}{271}$	$\frac{1}{3}$	$\frac{133}{271}$	Φ_{813}
17825	540	477	$\frac{1}{53}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{26}{53}$	$\Phi_{477}\ \Phi_{159}\ \Phi_{53}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
17826	540	318	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{318}^2\ \Phi_{159}\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
17827	540	49	$\frac{1}{49}$	$\frac{5}{49}$	$\frac{22}{49}$	$\frac{24}{49}$	$\Phi_{49}^{11}\ \Phi_7^{11}\ \Phi_1^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
17828	540	88	$\frac{1}{44}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{43}{88}$	$\Phi_{88}^{12}\ \Phi_{11}\ \Phi_{8}^{12}\ \Phi_{1}^{2}$
17829	540	1848	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{1848}\ \Phi_{168}\ \Phi_{21}$
17830	540	88	$\frac{1}{44}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{43}{88}$	$\Phi_{88}^{12}\ \Phi_{11}\ \Phi_{8}^{12}\ \Phi_{1}^{2}$
17831	540	440	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{43}{88}$	$\Phi_{440}^{3}\ \Phi_{40}^{3}\ \Phi_{20}\ \Phi_{10}$
17832	540	539	$\frac{13}{539}$	$\frac{92}{539}$	$\frac{149}{539}$	$\frac{263}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^{2}$
17833	540	654	$\frac{3}{109}$	$\frac{1}{6}$	$\frac{28}{109}$	$\frac{53}{109}$	$\Phi_{654}\ \Phi_{327}\ \Phi_{218}$
17834	540	724	$\frac{5}{181}$	$\frac{31}{181}$	$\frac{1}{4}$	$\frac{88}{181}$	$\Phi_{724}\ \Phi_{362}$
17835	540	140	$\frac{1}{35}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{17}{35}$	$\Phi_{140}^{7}\ \Phi_{35}\ \Phi_{28}^{8}\ \Phi_{20}^{7}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^{8}\ \Phi_{1}^{2}$
17836	540	35	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{17}{35}$	$\Phi_{35}^{15}\ \Phi_{7}^{17}\ \Phi_{5}^{15}\ \Phi_{1}^{18}$
17837	540	420	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{420}^{2}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{60}^{2}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
17838	540	539	$\frac{17}{539}$	$\frac{80}{539}$	$\frac{139}{539}$	$\frac{261}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^{2}$
17839	540	182	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{47}{182}$	$\frac{44}{91}$	$\Phi_{182}^{4}\ \Phi_{91}^{2}\ \Phi_{26}^{4}\ \Phi_{14}^{4}\ \Phi_{13}^{2}\ \Phi_{7}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
17840	540	813	$\frac{9}{271}$	$\frac{28}{271}$	$\frac{1}{3}$	$\frac{131}{271}$	Φ_{813}
17841	540	493	$\frac{1}{29}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{14}{29}$	$\Phi_{493}\ \Phi_{29}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
17842	540	870	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{174}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}$
17843	540	493	$\frac{1}{29}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{14}{29}$	$\Phi_{493}\ \Phi_{29}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
17844	540	812	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{812}\ \Phi_{406}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
17845	540	539	$\frac{19}{539}$	$\frac{31}{539}$	$\frac{254}{539}$	$\frac{260}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^{2}$
17846	540	988	$\frac{1}{26}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{25}{52}$	$\Phi_{988}\ \Phi_{76}\ \Phi_{52}^{2}\ \Phi_{19}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
17847	540	1716	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{1716}\ \Phi_{132}\ \Phi_{33}$
17848	540	988	$\frac{1}{26}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{25}{52}$	$\Phi_{988}\ \Phi_{76}\ \Phi_{52}^{2}\ \Phi_{19}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
17849	540	780	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{780}^{2}\ \Phi_{260}\ \Phi_{60}^{2}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
17850	540	77	$\frac{3}{77}$	$\frac{8}{77}$	$\frac{23}{77}$	$\frac{37}{77}$	$\Phi_{77}^{7}\ \Phi_{11}^{7}\ \Phi_{7}^{7}\ \Phi_{1}^{8}$
17851	540	154	$\frac{3}{77}$	$\frac{19}{154}$	$\frac{20}{77}$	$\frac{37}{77}$	$\Phi_{154}^{4}\ \Phi_{77}^{3}\ \Phi_{22}^{4}\ \Phi_{14}^{4}\ \Phi_{11}^{3}\ \Phi_{7}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
17852	540	654	$\frac{5}{109}$	$\frac{1}{6}$	$\frac{19}{109}$	$\frac{52}{109}$	$\Phi_{654}\ \Phi_{327}\ \Phi_{218}$
17853	540	539	$\frac{25}{539}$	$\frac{47}{539}$	$\frac{164}{539}$	$\frac{257}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^{2}$
17854	540	539	$\frac{25}{539}$	$\frac{89}{539}$	$\frac{94}{539}$	$\frac{257}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^{2}$
17855	540	610	$\frac{3}{61}$	$\frac{1}{10}$	$\frac{16}{61}$	$\frac{29}{61}$	$\Phi_{610}\ \Phi_{305}\ \Phi_{122}$
17856	540	724	$\frac{9}{181}$	$\frac{19}{181}$	$\frac{1}{4}$	$\frac{86}{181}$	$\Phi_{724}\ \Phi_{362}$
17857	540	247	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{19}$	$\Phi_{247}^{2}\ \Phi_{19}^{3}\ \Phi_{13}^{4}\ \Phi_{1}^{6}$
17858	540	380	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{380}^{2}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}\ \Phi_{20}^{4}\ \Phi_{19}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
17859	540	1280	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{121}{256}$	$\Phi_{1280}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
17860	540	91	$\frac{5}{91}$	$\frac{1}{7}$	$\frac{16}{91}$	$\frac{43}{91}$	$\Phi_{91}^{6}\ \Phi_{13}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
17861	540	539	$\frac{31}{539}$	$\frac{74}{539}$	$\frac{95}{539}$	$\frac{254}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^{2}$
17862	540	816	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
17863	540	493	$\frac{1}{17}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{8}{17}$	$\Phi_{493}\ \Phi_{29}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
17864	540	748	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{748}\ \Phi_{374}\ \Phi_{44}^{2}\ \Phi_{22}^{2}$
17865	540	493	$\frac{1}{17}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{8}{17}$	$\Phi_{493}\ \Phi_{29}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
17866	540	714	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
17867	540	724	$\frac{11}{181}$	$\frac{16}{181}$	$\frac{1}{4}$	$\frac{85}{181}$	$\Phi_{724}\ \Phi_{362}$
17868	540	49	$\frac{3}{49}$	$\frac{4}{49}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{49}^{11}\ \Phi_{7}^{11}\ \Phi_{1}^{12}$
17869	540	813	$\frac{16}{271}$	$\frac{17}{271}$	$\frac{1}{3}$	$\frac{127}{271}$	Φ_{813}
17870	540	539	$\frac{32}{539}$	$\frac{37}{539}$	$\frac{169}{539}$	$\frac{251}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^2$
17871	540	1596	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{1596}\ \Phi_{228}\ \Phi_{57}$
17872	540	140	$\frac{2}{35}$	$\frac{1}{14}$	$\frac{11}{35}$	$\frac{13}{28}$	$\Phi_{140}^7\ \Phi_{35}\ \Phi_{28}^8\ \Phi_{20}^7\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^8\ \Phi_{1}^2$
17873	540	364	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{364}\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{52}^2\ \Phi_{26}^3\ \Phi_{13}^2$
17874	540	140	$\frac{1}{14}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{13}{28}$	$\Phi_{140}^7\ \Phi_{35}\ \Phi_{28}^8\ \Phi_{20}^7\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^8\ \Phi_{1}^2$
17875	540	140	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{140}^7\ \Phi_{28}^8\ \Phi_{20}^7\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{4}^8\ \Phi_{2}^4\ \Phi_{1}^4$
17876	540	28	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{28}^{36}\ \Phi_{7}^5\ \Phi_{4}^{36}\ \Phi_{1}^6$
17877	540	539	$\frac{29}{539}$	$\frac{41}{539}$	$\frac{170}{539}$	$\frac{249}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^2$
17878	540	364	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{364}^2\ \Phi_{182}^2\ \Phi_{91}\ \Phi_{28}^2\ \Phi_{14}^2$
17879	540	550	$\frac{2}{25}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{550}^2\ \Phi_{110}^2\ \Phi_{55}\ \Phi_{22}^2$
17880	540	592	$\frac{1}{16}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{592}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}$
17881	540	610	$\frac{5}{61}$	$\frac{1}{10}$	$\frac{11}{61}$	$\frac{28}{61}$	$\Phi_{610}\ \Phi_{305}\ \Phi_{122}$
17882	540	22	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{7}{22}$	$\frac{5}{11}$	$\Phi_{22}^{24}\ \Phi_{11}^{25}\ \Phi_{2}^{24}\ \Phi_{1}^{26}$
17883	540	143	$\frac{8}{143}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{143}^4\ \Phi_{13}^4\ \Phi_{11}\ \Phi_{1}^2$
17884	540	176	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{176}^3\ \Phi_{88}^3\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{16}^6\ \Phi_{11}^3\ \Phi_{8}^6\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
17885	540	176	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{41}{176}$	$\frac{5}{11}$	$\Phi_{176}^4\ \Phi_{88}^4\ \Phi_{16}^4\ \Phi_{11}\ \Phi_{8}^4\ \Phi_{1}^2$
17886	540	11	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{11}^{49}\ \Phi_{1}^{50}$
17887	540	330	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{11}\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^2$
17888	540	154	$\frac{1}{11}$	$\frac{19}{154}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{154}^4\ \Phi_{77}^4\ \Phi_{14}^4\ \Phi_{11}\ \Phi_{7}^4\ \Phi_{1}^2$
17889	540	724	$\frac{11}{181}$	$\frac{17}{181}$	$\frac{1}{4}$	$\frac{82}{181}$	$\Phi_{724}\ \Phi_{362}$
17890	540	539	$\frac{51}{539}$	$\frac{59}{539}$	$\frac{80}{539}$	$\frac{244}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^2$
17891	540	91	$\frac{9}{91}$	$\frac{10}{91}$	$\frac{1}{7}$	$\frac{41}{91}$	$\Phi_{91}^6\ \Phi_{13}^6\ \Phi_{7}^5\ \Phi_{1}^6$
17892	540	654	$\frac{10}{109}$	$\frac{11}{109}$	$\frac{1}{6}$	$\frac{49}{109}$	$\Phi_{654}\ \Phi_{327}\ \Phi_{218}$
17893	540	49	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{49}^{11}\ \Phi_{7}^{11}\ \Phi_{1}^{12}$
17894	540	724	$\frac{10}{181}$	$\frac{19}{181}$	$\frac{1}{4}$	$\frac{81}{181}$	$\Phi_{724}\ \Phi_{362}$
17895	540	539	$\frac{26}{539}$	$\frac{57}{539}$	$\frac{149}{539}$	$\frac{241}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^2$
17896	540	813	$\frac{10}{271}$	$\frac{29}{271}$	$\frac{1}{3}$	$\frac{121}{271}$	Φ_{813}
17897	540	252	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^3\ \Phi_{63}^2\ \Phi_{42}^3\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
17898	540	477	$\frac{2}{53}$	$\frac{1}{9}$	$\frac{17}{53}$	$\frac{4}{9}$	$\Phi_{477}\ \Phi_{159}\ \Phi_{53}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
17899	540	684	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{38}^2$
17900	540	477	$\frac{5}{53}$	$\frac{1}{9}$	$\frac{8}{53}$	$\frac{4}{9}$	$\Phi_{477}\ \Phi_{159}\ \Phi_{53}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
17901	540	630	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{14}^2$
17902	540	539	$\frac{20}{539}$	$\frac{61}{539}$	$\frac{173}{539}$	$\frac{239}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^2$
17903	540	1488	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1488}\ \Phi_{93}$
17904	540	944	$\frac{2}{59}$	$\frac{1}{8}$	$\frac{19}{59}$	$\frac{7}{16}$	$\Phi_{944}\ \Phi_{59}\ \Phi_{16}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
17905	540	336	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{336}^3\ \Phi_{112}^3\ \Phi_{84}\ \Phi_{48}^3\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
17906	540	944	$\frac{3}{59}$	$\frac{1}{8}$	$\frac{14}{59}$	$\frac{7}{16}$	$\Phi_{944}\ \Phi_{59}\ \Phi_{16}^2\ \Phi_1^2$
17907	540	80	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{80}^8\ \Phi_{40}^9\ \Phi_{20}^9\ \Phi_{10}^9\ \Phi_5^8$
17908	540	944	$\frac{4}{59}$	$\frac{1}{8}$	$\frac{11}{59}$	$\frac{7}{16}$	$\Phi_{944}\ \Phi_{59}\ \Phi_{16}^2\ \Phi_1^2$
17909	540	624	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{624}^2\ \Phi_{208}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
17910	540	944	$\frac{5}{59}$	$\frac{1}{8}$	$\frac{9}{59}$	$\frac{7}{16}$	$\Phi_{944}\ \Phi_{59}\ \Phi_{16}^2\ \Phi_1^2$
17911	540	1232	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{1232}\ \Phi_{77}$
17912	540	1190	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{1}{5}$	$\frac{103}{238}$	$\Phi_{1190}\ \Phi_{170}\ \Phi_{85}\ \Phi_{70}\ \Phi_{10}$
17913	540	592	$\frac{1}{16}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{592}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}$
17914	540	539	$\frac{17}{539}$	$\frac{73}{539}$	$\frac{174}{539}$	$\frac{233}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
17915	540	539	$\frac{34}{539}$	$\frac{73}{539}$	$\frac{101}{539}$	$\frac{233}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
17916	540	133	$\frac{4}{133}$	$\frac{1}{7}$	$\frac{43}{133}$	$\frac{3}{7}$	$\Phi_{133}^4\ \Phi_{19}^4\ \Phi_7^5\ \Phi_1^6$
17917	540	28	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{28}^{20}\ \Phi_{14}^{20}\ \Phi_7^{17}\ \Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^{18}$
17918	540	49	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{49}^{12}\ \Phi_7^5\ \Phi_1^6$
17919	540	610	$\frac{1}{10}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{26}{61}$	$\Phi_{610}\ \Phi_{305}\ \Phi_{122}$
17920	540	539	$\frac{53}{539}$	$\frac{62}{539}$	$\frac{81}{539}$	$\frac{229}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
17921	540	182	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{2}{13}$	$\frac{11}{26}$	$\Phi_{182}^6\ \Phi_{91}\ \Phi_{14}^6$
17922	540	654	$\frac{7}{109}$	$\frac{17}{109}$	$\frac{1}{6}$	$\frac{46}{109}$	$\Phi_{654}\ \Phi_{327}\ \Phi_{218}$
17923	540	539	$\frac{29}{539}$	$\frac{85}{539}$	$\frac{104}{539}$	$\frac{227}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
17924	540	724	$\frac{7}{181}$	$\frac{29}{181}$	$\frac{1}{4}$	$\frac{76}{181}$	$\Phi_{724}\ \Phi_{362}$
17925	540	589	$\frac{1}{19}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	Φ_{589}
17926	540	77	$\frac{2}{77}$	$\frac{13}{77}$	$\frac{25}{77}$	$\frac{32}{77}$	$\Phi_{77}^7\ \Phi_{11}^7\ \Phi_7^7\ \Phi_1^8$
17927	540	77	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{13}{77}$	$\frac{32}{77}$	$\Phi_{77}^7\ \Phi_{11}^7\ \Phi_7^7\ \Phi_1^8$
17928	540	539	$\frac{53}{539}$	$\frac{54}{539}$	$\frac{97}{539}$	$\frac{221}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
17929	540	610	$\frac{6}{61}$	$\frac{1}{10}$	$\frac{11}{61}$	$\frac{25}{61}$	$\Phi_{610}\ \Phi_{305}\ \Phi_{122}$
17930	540	91	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{17}{91}$	$\frac{37}{91}$	$\Phi_{91}^6\ \Phi_{13}^6\ \Phi_7^5\ \Phi_1^6$
17931	540	539	$\frac{24}{539}$	$\frac{103}{539}$	$\frac{107}{539}$	$\frac{218}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
17932	540	724	$\frac{6}{181}$	$\frac{35}{181}$	$\frac{1}{4}$	$\frac{73}{181}$	$\Phi_{724}\ \Phi_{362}$
17933	540	77	$\frac{2}{77}$	$\frac{15}{77}$	$\frac{23}{77}$	$\frac{31}{77}$	$\Phi_{77}^7\ \Phi_{11}^7\ \Phi_7^7\ \Phi_1^8$
17934	540	813	$\frac{6}{271}$	$\frac{53}{271}$	$\frac{1}{3}$	$\frac{109}{271}$	Φ_{813}
17935	540	690	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{690}\ \Phi_{345}\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{30}\ \Phi_6^2$
17936	540	445	$\frac{2}{89}$	$\frac{1}{5}$	$\frac{29}{89}$	$\frac{2}{5}$	$\Phi_{445}\ \Phi_{89}^2\ \Phi_5^2\ \Phi_1^4$
17937	540	620	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{620}\ \Phi_{310}\ \Phi_{124}^2\ \Phi_{62}^2$
17938	540	445	$\frac{4}{89}$	$\frac{17}{89}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{445}\ \Phi_{89}^2\ \Phi_5^2\ \Phi_1^4$
17939	540	570	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2$
17940	540	445	$\frac{5}{89}$	$\frac{14}{89}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{445}\ \Phi_{89}^2\ \Phi_5^2\ \Phi_1^4$
17941	540	560	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}^2\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2$
17942	540	445	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{445}\ \Phi_{89}^2\ \Phi_5^2\ \Phi_1^4$
17943	540	110	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{110}^6\ \Phi_{55}^5\ \Phi_{22}^6\ \Phi_{11}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
17944	540	49	$\frac{1}{49}$	$\frac{11}{49}$	$\frac{16}{49}$	$\frac{19}{49}$	$\Phi_{49}^{11}\ \Phi_{7}^{11}\ \Phi_{1}^{12}$
17945	540	49	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{49}^{11}\ \Phi_{7}^{11}\ \Phi_{1}^{12}$
17946	540	44	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{44}^{20}\ \Phi_{11}^{9}\ \Phi_{4}^{20}\ \Phi_{1}^{10}$
17947	540	598	$\frac{1}{46}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{598}\ \Phi_{299}\ \Phi_{26}$
17948	540	196	$\frac{1}{49}$	$\frac{12}{49}$	$\frac{61}{196}$	$\frac{37}{98}$	$\Phi_{196}^{4}\ \Phi_{49}^{3}\ \Phi_{28}^{4}\ \Phi_{7}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
17949	540	1320	$\frac{1}{55}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1320}\ \Phi_{264}\ \Phi_{165}\ \Phi_{120}\ \Phi_{33}\ \Phi_{15}$
17950	540	856	$\frac{2}{107}$	$\frac{1}{4}$	$\frac{35}{107}$	$\frac{3}{8}$	$\Phi_{856}\ \Phi_{107}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
17951	540	296	$\frac{1}{37}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{296}^{3}\ \Phi_{148}\ \Phi_{74}$
17952	540	856	$\frac{3}{107}$	$\frac{26}{107}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{856}\ \Phi_{107}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
17953	540	280	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^{4}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}^{3}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
17954	540	856	$\frac{5}{107}$	$\frac{17}{107}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{856}\ \Phi_{107}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
17955	540	672	$\frac{1}{21}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
17956	540	1064	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1064}\ \Phi_{133}$
17957	540	856	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{856}\ \Phi_{107}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
17958	540	520	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}^{2}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{26}$
17959	540	589	$\frac{1}{31}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	Φ_{589}
17960	540	539	$\frac{19}{539}$	$\frac{104}{539}$	$\frac{145}{539}$	$\frac{197}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^{2}$
17961	540	539	$\frac{23}{539}$	$\frac{86}{539}$	$\frac{151}{539}$	$\frac{194}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^{2}$
17962	540	42	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{42}^{21}\ \Phi_{21}^{6}\ \Phi_{14}^{18}\ \Phi_{7}^{5}\ \Phi_{6}^{21}\ \Phi_{3}^{6}\ \Phi_{2}^{18}\ \Phi_{1}^{6}$
17963	540	589	$\frac{1}{19}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	Φ_{589}
17964	540	592	$\frac{1}{16}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{592}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}$
17965	540	77	$\frac{5}{77}$	$\frac{8}{77}$	$\frac{23}{77}$	$\frac{27}{77}$	$\Phi_{77}^{7}\ \Phi_{11}^{7}\ \Phi_{7}^{7}\ \Phi_{1}^{8}$
17966	540	539	$\frac{39}{539}$	$\frac{50}{539}$	$\frac{163}{539}$	$\frac{188}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^{2}$
17967	540	55	$\frac{4}{55}$	$\frac{1}{11}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{55}^{10}\ \Phi_{11}^{9}\ \Phi_{5}^{10}\ \Phi_{1}^{10}$
17968	540	610	$\frac{4}{61}$	$\frac{1}{10}$	$\frac{19}{61}$	$\frac{21}{61}$	$\Phi_{610}\ \Phi_{305}\ \Phi_{122}$
17969	540	539	$\frac{32}{539}$	$\frac{59}{539}$	$\frac{169}{539}$	$\frac{185}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^{2}$
17970	540	539	$\frac{26}{539}$	$\frac{71}{539}$	$\frac{171}{539}$	$\frac{184}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^{2}$
17971	540	91	$\frac{4}{91}$	$\frac{1}{7}$	$\frac{29}{91}$	$\frac{31}{91}$	$\Phi_{91}^{6}\ \Phi_{13}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
17972	540	654	$\frac{4}{109}$	$\frac{1}{6}$	$\frac{35}{109}$	$\frac{37}{109}$	$\Phi_{654}\ \Phi_{327}\ \Phi_{218}$
17973	540	340	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{11}{34}$	$\frac{23}{68}$	$\Phi_{340}^{3}\ \Phi_{170}\ \Phi_{85}\ \Phi_{20}^{3}\ \Phi_{10}$
17974	540	77	$\frac{2}{77}$	$\frac{17}{77}$	$\frac{25}{77}$	$\frac{26}{77}$	$\Phi_{77}^{7}\ \Phi_{11}^{7}\ \Phi_{7}^{7}\ \Phi_{1}^{8}$
17975	540	724	$\frac{4}{181}$	$\frac{1}{4}$	$\frac{59}{181}$	$\frac{61}{181}$	$\Phi_{724}\ \Phi_{362}$
17976	540	539	$\frac{8}{539}$	$\frac{177}{539}$	$\frac{179}{539}$	$\frac{181}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^{2}$
17977	540	813	$\frac{4}{271}$	$\frac{89}{271}$	$\frac{1}{3}$	$\frac{91}{271}$	Φ_{813}
17978	540	201	$\frac{1}{67}$	$\frac{22}{67}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{201}^{2}\ \Phi_{67}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
17979	540	276	$\frac{1}{46}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{276}^{2}\ \Phi_{138}\ \Phi_{92}^{4}\ \Phi_{69}\ \Phi_{46}^{2}\ \Phi_{23}^{2}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
17980	540	201	$\frac{2}{67}$	$\frac{13}{67}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{201}^{2}\ \Phi_{67}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
17981	540	84	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{84}^{7}\ \Phi_{42}^{7}\ \Phi_{28}^{6}\ \Phi_{21}^{7}\ \Phi_{14}^{6}\ \Phi_{12}^{7}\ \Phi_{7}^{6}\ \Phi_{6}^{3}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
17982	540	201	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{201}^{2}\ \Phi_{67}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
17983	540	240	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^4\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^4\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^4\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
17984	540	1068	$\frac{2}{89}$	$\frac{1}{4}$	$\frac{29}{89}$	$\frac{1}{3}$	$\Phi_{1068}\ \Phi_{534}\ \Phi_{12}^2\ \Phi_6^2$
17985	540	813	$\frac{7}{271}$	$\frac{61}{271}$	$\frac{88}{271}$	$\frac{1}{3}$	Φ_{813}
17986	540	318	$\frac{2}{53}$	$\frac{1}{6}$	$\frac{17}{53}$	$\frac{1}{3}$	$\Phi_{318}^2\ \Phi_{159}\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
17987	540	462	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{42}^2\ \Phi_{21}^3$
17988	540	813	$\frac{13}{271}$	$\frac{37}{271}$	$\frac{86}{271}$	$\frac{1}{3}$	Φ_{813}
17989	540	813	$\frac{16}{271}$	$\frac{31}{271}$	$\frac{85}{271}$	$\frac{1}{3}$	Φ_{813}
17990	540	870	$\frac{2}{29}$	$\frac{1}{10}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{174}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
17991	540	429	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{429}^2\ \Phi_{33}^3$
17992	540	813	$\frac{21}{271}$	$\frac{25}{271}$	$\frac{82}{271}$	$\frac{1}{3}$	Φ_{813}
17993	540	813	$\frac{19}{271}$	$\frac{28}{271}$	$\frac{81}{271}$	$\frac{1}{3}$	Φ_{813}
17994	540	816	$\frac{1}{16}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
17995	540	399	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{399}^2\ \Phi_{57}^3$
17996	540	813	$\frac{13}{271}$	$\frac{43}{271}$	$\frac{76}{271}$	$\frac{1}{3}$	Φ_{813}
17997	540	813	$\frac{11}{271}$	$\frac{52}{271}$	$\frac{73}{271}$	$\frac{1}{3}$	Φ_{813}
17998	540	756	$\frac{1}{28}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{54}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
17999	540	372	$\frac{1}{31}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{372}^2\ \Phi_{186}^2\ \Phi_{93}^3$
18000	540	1068	$\frac{4}{89}$	$\frac{17}{89}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1068}\ \Phi_{534}\ \Phi_{12}^2\ \Phi_6^2$
18001	540	228	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^3\ \Phi_{114}\ \Phi_{76}^4\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2$
18002	540	1068	$\frac{5}{89}$	$\frac{14}{89}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1068}\ \Phi_{534}\ \Phi_{12}^2\ \Phi_6^2$
18003	540	336	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{21}^3$
18004	540	1068	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1068}\ \Phi_{534}\ \Phi_{12}^2\ \Phi_6^2$
18005	540	660	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}\ \Phi_{165}\ \Phi_{132}\ \Phi_{33}$
18006	540	231	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{231}^4\ \Phi_{21}^5$
18007	540	813	$\frac{26}{271}$	$\frac{37}{271}$	$\frac{49}{271}$	$\frac{1}{3}$	Φ_{813}
18008	540	870	$\frac{1}{10}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{174}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
18009	540	813	$\frac{25}{271}$	$\frac{41}{271}$	$\frac{46}{271}$	$\frac{1}{3}$	Φ_{813}
18010	540	318	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{318}^2\ \Phi_{159}\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
18011	540	210	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{70}^4\ \Phi_{42}\ \Phi_{35}^4\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2$
18012	540	236	$\frac{2}{59}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{19}{59}$	$\Phi_{236}^2\ \Phi_{118}^2\ \Phi_{59}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
18013	540	539	$\frac{20}{539}$	$\frac{122}{539}$	$\frac{139}{539}$	$\frac{173}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
18014	540	724	$\frac{7}{181}$	$\frac{41}{181}$	$\frac{1}{4}$	$\frac{58}{181}$	$\Phi_{724}\ \Phi_{362}$
18015	540	22	$\frac{1}{22}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{7}{22}$	$\Phi_{22}^{24}\ \Phi_{11}^{25}\ \Phi_2^{24}\ \Phi_1^{26}$
18016	540	220	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{7}{22}$	$\Phi_{220}^4\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{20}^5\ \Phi_{10}^3\ \Phi_5^2$
18017	540	539	$\frac{26}{539}$	$\frac{92}{539}$	$\frac{149}{539}$	$\frac{171}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
18018	540	680	$\frac{7}{136}$	$\frac{1}{5}$	$\frac{31}{136}$	$\frac{43}{136}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
18019	540	539	$\frac{29}{539}$	$\frac{104}{539}$	$\frac{123}{539}$	$\frac{170}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
18020	540	724	$\frac{10}{181}$	$\frac{31}{181}$	$\frac{1}{4}$	$\frac{57}{181}$	$\Phi_{724}\ \Phi_{362}$
18021	540	35	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{11}{35}$	$\Phi_{35}^{15}\ \Phi_7^{17}\ \Phi_5^{15}\ \Phi_1^{18}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
18022	540	420	$\frac{2}{35}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{11}{35}$	$\Phi_{420}^2\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^4\ \Phi_7\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
18023	540	539	$\frac{32}{539}$	$\frac{74}{539}$	$\frac{155}{539}$	$\frac{169}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
18024	540	654	$\frac{7}{109}$	$\frac{1}{6}$	$\frac{25}{109}$	$\frac{34}{109}$	$\Phi_{654}\ \Phi_{327}\ \Phi_{218}$
18025	540	493	$\frac{2}{29}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{9}{29}$	$\Phi_{493}\ \Phi_{29}^2\ \Phi_{17}^2\ \Phi_1^4$
18026	540	812	$\frac{2}{29}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{812}\ \Phi_{406}\ \Phi_{28}^2\ \Phi_{14}^2$
18027	540	539	$\frac{38}{539}$	$\frac{62}{539}$	$\frac{159}{539}$	$\frac{167}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
18028	540	539	$\frac{38}{539}$	$\frac{83}{539}$	$\frac{124}{539}$	$\frac{167}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
18029	540	724	$\frac{13}{181}$	$\frac{25}{181}$	$\frac{1}{4}$	$\frac{56}{181}$	$\Phi_{724}\ \Phi_{362}$
18030	540	91	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{91}^7\ \Phi_7^6$
18031	540	247	$\frac{1}{13}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{4}{13}$	$\Phi_{247}^2\ \Phi_{19}^3\ \Phi_{13}^4\ \Phi_1^6$
18032	540	390	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^3$
18033	540	539	$\frac{47}{539}$	$\frac{69}{539}$	$\frac{125}{539}$	$\frac{164}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
18034	540	539	$\frac{47}{539}$	$\frac{75}{539}$	$\frac{116}{539}$	$\frac{164}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
18035	540	724	$\frac{16}{181}$	$\frac{21}{181}$	$\frac{1}{4}$	$\frac{55}{181}$	$\Phi_{724}\ \Phi_{362}$
18036	540	654	$\frac{10}{109}$	$\frac{1}{6}$	$\frac{19}{109}$	$\frac{33}{109}$	$\Phi_{654}\ \Phi_{327}\ \Phi_{218}$
18037	540	539	$\frac{50}{539}$	$\frac{89}{539}$	$\frac{94}{539}$	$\frac{163}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
18038	540	680	$\frac{13}{136}$	$\frac{19}{136}$	$\frac{1}{5}$	$\frac{41}{136}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
18039	540	320	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{19}{64}$	$\Phi_{320}^2\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^2$
18040	540	748	$\frac{1}{11}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{748}\ \Phi_{374}\ \Phi_{44}^2\ \Phi_{22}^2$
18041	540	493	$\frac{2}{17}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{5}{17}$	$\Phi_{493}\ \Phi_{29}^2\ \Phi_{17}^2\ \Phi_1^4$
18042	540	714	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
18043	540	55	$\frac{1}{11}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{55}^{10}\ \Phi_{11}^9\ \Phi_5^{10}\ \Phi_1^{10}$
18044	540	539	$\frac{64}{539}$	$\frac{74}{539}$	$\frac{95}{539}$	$\frac{155}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
18045	540	364	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{364}^2\ \Phi_{182}^2\ \Phi_{52}^3\ \Phi_{26}^3$
18046	540	35	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{8}{35}$	$\frac{2}{7}$	$\Phi_{35}^{15}\ \Phi_7^{17}\ \Phi_5^{15}\ \Phi_1^{18}$
18047	540	70	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{70}^8\ \Phi_{35}^6\ \Phi_{14}^8\ \Phi_{10}^{12}\ \Phi_7^8\ \Phi_5^9\ \Phi_2^{12}\ \Phi_1^{12}$
18048	540	7	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_7^{77}\ \Phi_1^{78}$
18049	540	654	$\frac{13}{109}$	$\frac{16}{109}$	$\frac{1}{6}$	$\frac{31}{109}$	$\Phi_{654}\ \Phi_{327}\ \Phi_{218}$
18050	540	598	$\frac{1}{13}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{598}\ \Phi_{299}\ \Phi_{26}$
18051	540	539	$\frac{41}{539}$	$\frac{83}{539}$	$\frac{129}{539}$	$\frac{152}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
18052	540	539	$\frac{43}{539}$	$\frac{83}{539}$	$\frac{124}{539}$	$\frac{152}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
18053	540	724	$\frac{13}{181}$	$\frac{28}{181}$	$\frac{1}{4}$	$\frac{51}{181}$	$\Phi_{724}\ \Phi_{362}$
18054	540	275	$\frac{1}{11}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{275}^2\ \Phi_{55}^3\ \Phi_{11}^2$
18055	540	610	$\frac{1}{10}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	$\Phi_{610}\ \Phi_{305}\ \Phi_{122}$
18056	540	539	$\frac{65}{539}$	$\frac{79}{539}$	$\frac{92}{539}$	$\frac{149}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
18057	540	91	$\frac{11}{91}$	$\frac{1}{7}$	$\frac{16}{91}$	$\frac{25}{91}$	$\Phi_{91}^6\ \Phi_{13}^6\ \Phi_7^5\ \Phi_1^6$
18058	540	176	$\frac{1}{16}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{176}^3\ \Phi_{88}^3\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{16}^6\ \Phi_{11}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
18059	540	11	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{11}^{49}\ \Phi_1^{50}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
18060	540	330	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{11}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
18061	540	680	$\frac{11}{136}$	$\frac{25}{136}$	$\frac{1}{5}$	$\frac{37}{136}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
18062	540	539	$\frac{34}{539}$	$\frac{101}{539}$	$\frac{131}{539}$	$\frac{146}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
18063	540	724	$\frac{11}{181}$	$\frac{34}{181}$	$\frac{1}{4}$	$\frac{49}{181}$	$\Phi_{724}\ \Phi_{362}$
18064	540	592	$\frac{1}{16}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{592}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}$
18065	540	49	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{49}^{11}\ \Phi_7^{11}\ \Phi_1^{12}$
18066	540	610	$\frac{1}{10}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{610}\ \Phi_{305}\ \Phi_{122}$
18067	540	539	$\frac{51}{539}$	$\frac{80}{539}$	$\frac{122}{539}$	$\frac{139}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
18068	540	654	$\frac{9}{109}$	$\frac{1}{6}$	$\frac{25}{109}$	$\frac{28}{109}$	$\Phi_{654}\ \Phi_{327}\ \Phi_{218}$
18069	540	539	$\frac{27}{539}$	$\frac{128}{539}$	$\frac{134}{539}$	$\frac{137}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
18070	540	724	$\frac{9}{181}$	$\frac{43}{181}$	$\frac{1}{4}$	$\frac{46}{181}$	$\Phi_{724}\ \Phi_{362}$
18071	540	84	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{84}^7\ \Phi_{42}^7\ \Phi_{28}^7\ \Phi_{21}^6\ \Phi_{14}^7\ \Phi_{12}^7\ \Phi_7^6\ \Phi_6^7\ \Phi_3^6$
18072	540	236	$\frac{3}{59}$	$\frac{14}{59}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{236}^2\ \Phi_{118}^2\ \Phi_{59}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
18073	540	80	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{80}^9\ \Phi_{40}^9\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_5^6$
18074	540	236	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{236}^2\ \Phi_{118}^2\ \Phi_{59}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
18075	540	156	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{156}^4\ \Phi_{78}^5\ \Phi_{52}^2\ \Phi_{39}^5\ \Phi_{26}^3\ \Phi_{13}^2$
18076	540	236	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{236}^2\ \Phi_{118}^2\ \Phi_{59}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
18077	540	308	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{308}^2\ \Phi_{154}^2\ \Phi_{77}^3$
18078	540	880	$\frac{3}{44}$	$\frac{1}{5}$	$\frac{41}{176}$	$\frac{1}{4}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
18079	540	420	$\frac{3}{35}$	$\frac{1}{6}$	$\frac{8}{35}$	$\frac{1}{4}$	$\Phi_{420}^2\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^4\ \Phi_7\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
18080	540	724	$\frac{17}{181}$	$\frac{28}{181}$	$\frac{41}{181}$	$\frac{1}{4}$	$\Phi_{724}\ \Phi_{362}$
18081	540	380	$\frac{1}{10}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{380}^2\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}\ \Phi_{20}^4\ \Phi_{19}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
18082	540	724	$\frac{16}{181}$	$\frac{33}{181}$	$\frac{37}{181}$	$\frac{1}{4}$	$\Phi_{724}\ \Phi_{362}$
18083	540	220	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{220}^4\ \Phi_{110}^4\ \Phi_{20}^5\ \Phi_{10}^5$
18084	540	60	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{60}^{14}\ \Phi_{30}^7\ \Phi_{20}^7\ \Phi_{15}^7\ \Phi_{12}^{16}\ \Phi_{10}^4\ \Phi_6^8\ \Phi_5^3\ \Phi_4^8\ \Phi_3^8\ \Phi_2^4\ \Phi_1^4$
18085	540	812	$\frac{4}{29}$	$\frac{1}{7}$	$\frac{5}{29}$	$\frac{1}{4}$	$\Phi_{812}\ \Phi_{406}\ \Phi_{28}^2\ \Phi_{14}^2$
18086	540	724	$\frac{25}{181}$	$\frac{26}{181}$	$\frac{31}{181}$	$\frac{1}{4}$	$\Phi_{724}\ \Phi_{362}$
18087	540	84	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{84}^{10}\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{21}^5\ \Phi_{12}^{12}\ \Phi_7^5\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_1^6$
18088	540	160	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{160}^4\ \Phi_{80}^4\ \Phi_{40}^5\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^4$
18089	540	56	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{56}^{12}\ \Phi_{28}^{12}\ \Phi_8^{12}\ \Phi_7^5\ \Phi_4^{12}\ \Phi_1^6$
18090	540	170	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{5}$	$\frac{7}{34}$	$\Phi_{170}^5\ \Phi_{85}^3\ \Phi_{10}^5\ \Phi_5^2$
18091	541	864	$\frac{1}{108}$	$\frac{109}{432}$	$\frac{323}{864}$	$\frac{107}{216}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{216}\ \Phi_{96}\ \Phi_{72}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
18092	541	1072	$\frac{5}{536}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{531}{1072}$	$\Phi_{1072}\ \Phi_{16}\ \Phi_8\ \Phi_1$
18093	541	960	$\frac{1}{60}$	$\frac{61}{480}$	$\frac{419}{960}$	$\frac{59}{120}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{120}\ \Phi_{64}\ \Phi_{40}\ \Phi_{24}\ \Phi_8\ \Phi_1$
18094	541	720	$\frac{1}{60}$	$\frac{179}{720}$	$\frac{61}{240}$	$\frac{59}{120}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
18095	541	1056	$\frac{13}{528}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{515}{1056}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
18096	541	1056	$\frac{13}{528}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{515}{1056}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{96}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
18097	541	1008	$\frac{1}{36}$	$\frac{37}{504}$	$\frac{467}{1008}$	$\frac{35}{72}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
18098	541	1040	$\frac{21}{520}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{499}{1040}$	$\Phi_{1040}\ \Phi_{208}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
18099	541	1024	$\frac{29}{512}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{483}{1024}$	$\Phi_{1024}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
18100	541	624	$\frac{5}{78}$	$\frac{83}{624}$	$\frac{1}{6}$	$\frac{73}{156}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{104}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
18101	541	1008	$\frac{37}{504}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{467}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
18102	541	660	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{119}{660}$	$\frac{101}{220}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
18103	541	1000	$\frac{41}{500}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{459}{1000}$	$\Phi_{1000}\ \Phi_{200}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
18104	541	792	$\frac{13}{264}$	$\frac{1}{12}$	$\frac{251}{792}$	$\frac{11}{24}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
18105	541	576	$\frac{35}{576}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
18106	541	576	$\frac{35}{576}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
18107	541	972	$\frac{1}{27}$	$\frac{55}{486}$	$\frac{26}{81}$	$\frac{431}{972}$	$\Phi_{972}\ \Phi_{324}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
18108	541	588	$\frac{47}{588}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{588}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
18109	541	960	$\frac{1}{20}$	$\frac{61}{480}$	$\frac{19}{80}$	$\frac{419}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
18110	541	952	$\frac{3}{68}$	$\frac{65}{476}$	$\frac{1}{4}$	$\frac{411}{952}$	$\Phi_{952}\ \Phi_{136}\ \Phi_{68}\ \Phi_{56}\ \Phi_{34}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
18111	541	756	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{215}{756}$	$\frac{163}{378}$	$\Phi_{756}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
18112	541	936	$\frac{5}{78}$	$\frac{73}{468}$	$\frac{1}{6}$	$\frac{395}{936}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
18113	541	600	$\frac{59}{600}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
18114	541	880	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{440}$	$\frac{339}{880}$	$\Phi_{880}\ \Phi_{176}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
18115	541	640	$\frac{1}{20}$	$\frac{99}{640}$	$\frac{19}{80}$	$\frac{61}{160}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
18116	541	864	$\frac{1}{36}$	$\frac{35}{144}$	$\frac{109}{432}$	$\frac{323}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
18117	541	840	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{121}{420}$	$\frac{299}{840}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
18118	541	648	$\frac{1}{27}$	$\frac{107}{648}$	$\frac{26}{81}$	$\frac{55}{162}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
18119	541	816	$\frac{3}{136}$	$\frac{1}{4}$	$\frac{133}{408}$	$\frac{275}{816}$	$\Phi_{816}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{48}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
18120	541	729	$\frac{1}{27}$	$\frac{55}{243}$	$\frac{188}{729}$	$\frac{26}{81}$	$\Phi_{729}\ \Phi_{81}\ \Phi_{1}$
18121	541	702	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{161}{702}$	$\frac{73}{234}$	$\Phi_{702}\ \Phi_{351}\ \Phi_{78}\ \Phi_{54}\ \Phi_{39}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
18122	541	768	$\frac{3}{32}$	$\frac{29}{256}$	$\frac{1}{4}$	$\frac{227}{768}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
18123	541	630	$\frac{5}{42}$	$\frac{89}{630}$	$\frac{1}{6}$	$\frac{37}{126}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
18124	541	756	$\frac{5}{42}$	$\frac{37}{252}$	$\frac{1}{6}$	$\frac{215}{756}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{108}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
18125	541	750	$\frac{1}{10}$	$\frac{41}{250}$	$\frac{9}{50}$	$\frac{209}{750}$	$\Phi_{750}\ \Phi_{375}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
18126	541	576	$\frac{35}{576}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
18127	541	720	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{179}{720}$	$\frac{61}{240}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
18128	541	704	$\frac{13}{176}$	$\frac{3}{16}$	$\frac{163}{704}$	$\frac{1}{4}$	$\Phi_{704}\ \Phi_{352}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
18129	541	640	$\frac{3}{32}$	$\frac{99}{640}$	$\frac{29}{128}$	$\frac{1}{4}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
18130	541	672	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{131}{672}$	$\frac{37}{168}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{112}\ \Phi_{96}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
18131	542	1608	$\frac{3}{268}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{265}{536}$	$\Phi_{1608}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
18132	542	528	$\frac{7}{264}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{257}{528}$	$\Phi_{528}^2\ \Phi_{176}^2\ \Phi_{48}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
18133	542	1536	$\frac{15}{256}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{241}{512}$	$\Phi_{1536}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
18134	542	288	$\frac{17}{288}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
18135	542	510	$\frac{1}{17}$	$\frac{16}{255}$	$\frac{1}{3}$	$\frac{239}{510}$	$\Phi_{510}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
18136	542	1428	$\frac{1}{34}$	$\frac{33}{238}$	$\frac{1}{3}$	$\frac{205}{476}$	$\Phi_{1428}\ \Phi_{204}\ \Phi_{102}\ \Phi_{84}\ \Phi_{51}\ \Phi_{12}\ \Phi_6$
18137	542	408	$\frac{1}{68}$	$\frac{67}{204}$	$\frac{1}{3}$	$\frac{137}{408}$	$\Phi_{408}^2\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_6$
18138	542	306	$\frac{1}{17}$	$\frac{35}{306}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_2^2$
18139	542	384	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{113}{384}$	$\frac{1}{3}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
18140	542	288	$\frac{17}{288}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
18141	542	960	$\frac{1}{16}$	$\frac{49}{320}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
18142	542	1056	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{81}{352}$	$\frac{1}{3}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
18143	542	1020	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{69}{340}$	$\frac{1}{3}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{204}\ \Phi_{102}\ \Phi_{60}\ \Phi_{51}\ \Phi_{30}\ \Phi_{12}\ \Phi_6$
18144	543	700	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{169}{350}$	$\Phi_{700}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
18145	543	208	$\frac{1}{26}$	$\frac{27}{208}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{208}^3\ \Phi_{104}^3\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{16}^3\ \Phi_{13}\ \Phi_8^3\ \Phi_4\ \Phi_1$
18146	543	676	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{157}{338}$	$\Phi_{676}\ \Phi_{169}\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{13}\ \Phi_4\ \Phi_1$
18147	543	196	$\frac{1}{14}$	$\frac{15}{196}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{196}^3\ \Phi_{98}^3\ \Phi_{49}^3\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
18148	543	336	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{1}{4}$	$\frac{155}{336}$	$\Phi_{336}^3\ \Phi_{112}^3\ \Phi_{48}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
18149	543	312	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{1}{4}$	$\frac{131}{312}$	$\Phi_{312}^3\ \Phi_{104}^3\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{24}^3\ \Phi_{13}\ \Phi_8^3\ \Phi_4\ \Phi_1$
18150	543	271	$\frac{4}{271}$	$\frac{89}{271}$	$\frac{90}{271}$	$\frac{91}{271}$	$\Phi_{271}^2\ \Phi_1^3$
18151	543	468	$\frac{1}{26}$	$\frac{53}{234}$	$\frac{1}{4}$	$\frac{25}{78}$	$\Phi_{468}^2\ \Phi_{234}\ \Phi_{117}\ \Phi_{52}^2\ \Phi_{36}^2\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_4\ \Phi_1$
18152	543	420	$\frac{1}{14}$	$\frac{29}{210}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{420}^2\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
18153	543	252	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1}{4}$	$\frac{71}{252}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{63}^3\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{18}^3\ \Phi_{14}\ \Phi_9^3\ \Phi_7\ \Phi_4\ \Phi_1$
18154	543	224	$\frac{1}{14}$	$\frac{43}{224}$	$\frac{13}{56}$	$\frac{1}{4}$	$\Phi_{224}^3\ \Phi_{112}^3\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
18155	543	420	$\frac{29}{210}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{420}^2\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
18156	544	135	$\frac{1}{135}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{67}{135}$	$\Phi_{135}^4\ \Phi_{45}^4\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
18157	544	543	$\frac{5}{543}$	$\frac{137}{543}$	$\frac{203}{543}$	$\frac{269}{543}$	$\Phi_{543}\ \Phi_{181}\ \Phi_3\ \Phi_1^2$
18158	544	273	$\frac{1}{91}$	$\frac{23}{91}$	$\frac{1}{3}$	$\frac{45}{91}$	$\Phi_{273}^3\ \Phi_{39}^3\ \Phi_{21}^3\ \Phi_3^2$
18159	544	469	$\frac{1}{67}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{33}{67}$	$\Phi_{469}\ \Phi_{67}^2\ \Phi_7^2\ \Phi_1^4$
18160	544	1005	$\frac{1}{67}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{33}{67}$	$\Phi_{1005}\ \Phi_{15}^2$
18161	544	181	$\frac{3}{181}$	$\frac{23}{181}$	$\frac{79}{181}$	$\frac{89}{181}$	$\Phi_{181}^3\ \Phi_1^4$
18162	544	685	$\frac{3}{137}$	$\frac{1}{5}$	$\frac{35}{137}$	$\frac{67}{137}$	Φ_{685}
18163	544	399	$\frac{3}{133}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{65}{133}$	$\Phi_{399}^2\ \Phi_{57}^2\ \Phi_{21}^3\ \Phi_3^2$
18164	544	543	$\frac{13}{543}$	$\frac{101}{543}$	$\frac{139}{543}$	$\frac{265}{543}$	$\Phi_{543}\ \Phi_{181}\ \Phi_3\ \Phi_1^2$
18165	544	39	$\frac{1}{39}$	$\frac{5}{39}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{39}^{14}\ \Phi_{13}^{14}\ \Phi_3^{13}\ \Phi_1^{14}$
18166	544	165	$\frac{1}{33}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{16}{33}$	$\Phi_{165}^3\ \Phi_{55}^3\ \Phi_{33}^4\ \Phi_{15}^4\ \Phi_{11}^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
18167	544	99	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{99}^6\ \Phi_{33}^4\ \Phi_{11}^4\ \Phi_9^8\ \Phi_3^5\ \Phi_1^6$
18168	544	165	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{16}{33}$	$\Phi_{165}^3\ \Phi_{55}^3\ \Phi_{33}^4\ \Phi_{15}^3\ \Phi_{11}^4\ \Phi_5^6\ \Phi_3^4\ \Phi_1^8$
18169	544	543	$\frac{17}{543}$	$\frac{35}{543}$	$\frac{254}{543}$	$\frac{263}{543}$	$\Phi_{543}\ \Phi_{181}\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
18170	544	992	$\frac{1}{31}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{15}{31}$	$\Phi_{992}\ \Phi_{32}^2\ \Phi_{31}\ \Phi_1^2$
18171	544	744	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{15}{31}$	$\Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{31}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
18172	544	620	$\frac{1}{31}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{620}\ \Phi_{310}\ \Phi_{155}\ \Phi_{31}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
18173	544	525	$\frac{19}{525}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{253}{525}$	$\Phi_{525}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
18174	544	207	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{207}^3\ \Phi_{69}^3\ \Phi_9^2\ \Phi_3^2$
18175	544	543	$\frac{25}{543}$	$\frac{71}{543}$	$\frac{118}{543}$	$\frac{259}{543}$	$\Phi_{543}\ \Phi_{181}\ \Phi_3\ \Phi_1^2$
18176	544	195	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{31}{65}$	$\Phi_{195}^4\ \Phi_{39}^5\ \Phi_{15}^4\ \Phi_3^4$
18177	544	147	$\frac{1}{21}$	$\frac{11}{147}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{147}^4\ \Phi_{49}^4\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
18178	544	685	$\frac{7}{137}$	$\frac{18}{137}$	$\frac{1}{5}$	$\frac{65}{137}$	Φ_{685}
18179	544	543	$\frac{29}{543}$	$\frac{50}{543}$	$\frac{143}{543}$	$\frac{257}{543}$	$\Phi_{543}\ \Phi_{181}\ \Phi_3\ \Phi_1^2$
18180	544	273	$\frac{5}{91}$	$\frac{6}{91}$	$\frac{1}{3}$	$\frac{43}{91}$	$\Phi_{273}^3\ \Phi_{39}^3\ \Phi_{21}^3\ \Phi_3^2$
18181	544	1632	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{1632}\ \Phi_{51}$
18182	544	992	$\frac{1}{16}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{15}{32}$	$\Phi_{992}\ \Phi_{32}^2\ \Phi_{31}\ \Phi_1^2$
18183	544	1440	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{45}\ \Phi_{15}$
18184	544	90	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{90}^6\ \Phi_{45}^6\ \Phi_{30}^6\ \Phi_{18}^8\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_9^8\ \Phi_6^8\ \Phi_5^4\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
18185	544	330	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{7}{15}$	$\Phi_{330}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{22}^4\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
18186	544	507	$\frac{2}{39}$	$\frac{37}{507}$	$\frac{1}{3}$	$\frac{235}{507}$	$\Phi_{507}\ \Phi_{169}\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
18187	544	429	$\frac{7}{143}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{429}^2\ \Phi_{39}\ \Phi_{33}^2$
18188	544	63	$\frac{1}{21}$	$\frac{5}{63}$	$\frac{1}{3}$	$\frac{29}{63}$	$\Phi_{63}^8\ \Phi_{21}^{10}\ \Phi_9^8\ \Phi_7^{10}\ \Phi_3^9\ \Phi_1^{10}$
18189	544	198	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{198}^3\ \Phi_{99}^3\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
18190	544	543	$\frac{23}{543}$	$\frac{65}{543}$	$\frac{152}{543}$	$\frac{239}{543}$	$\Phi_{543}\ \Phi_{181}\ \Phi_3\ \Phi_1^2$
18191	544	273	$\frac{3}{91}$	$\frac{11}{91}$	$\frac{1}{3}$	$\frac{40}{91}$	$\Phi_{273}^3\ \Phi_{39}^3\ \Phi_{21}^3\ \Phi_3^2$
18192	544	330	$\frac{1}{33}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{330}^3\ \Phi_{110}^3\ \Phi_{66}^3\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^3\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
18193	544	510	$\frac{1}{17}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{510}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}\ \Phi_{34}^2$
18194	544	105	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{105}^8\ \Phi_{21}^7\ \Phi_{15}^8\ \Phi_3^6$
18195	544	469	$\frac{3}{67}$	$\frac{1}{7}$	$\frac{16}{67}$	$\frac{3}{7}$	$\Phi_{469}\ \Phi_{67}^2\ \Phi_7^2\ \Phi_1^4$
18196	544	630	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
18197	544	357	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{357}^2\ \Phi_{119}\ \Phi_{51}^2$
18198	544	117	$\frac{1}{39}$	$\frac{19}{117}$	$\frac{1}{3}$	$\frac{49}{117}$	$\Phi_{117}^4\ \Phi_{39}^6\ \Phi_{13}^6\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
18199	544	264	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{264}^3\ \Phi_{88}^3\ \Phi_{66}^3\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^3\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
18200	544	595	$\frac{1}{35}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{595}\ \Phi_{119}\ \Phi_{85}$
18201	544	543	$\frac{19}{543}$	$\frac{103}{543}$	$\frac{131}{543}$	$\frac{220}{543}$	$\Phi_{543}\ \Phi_{181}\ \Phi_3\ \Phi_1^2$
18202	544	340	$\frac{1}{17}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{340}^2\ \Phi_{170}^2\ \Phi_{85}\ \Phi_{68}^2\ \Phi_{34}^2$
18203	544	198	$\frac{1}{18}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{198}^3\ \Phi_{99}^3\ \Phi_{66}^3\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
18204	544	476	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{476}^2\ \Phi_{119}\ \Phi_{68}^2$
18205	544	181	$\frac{9}{181}$	$\frac{28}{181}$	$\frac{43}{181}$	$\frac{69}{181}$	$\Phi_{181}^3\ \Phi_1^4$
18206	544	685	$\frac{5}{137}$	$\frac{1}{5}$	$\frac{33}{137}$	$\frac{52}{137}$	Φ_{685}
18207	544	543	$\frac{11}{543}$	$\frac{133}{543}$	$\frac{169}{543}$	$\frac{205}{543}$	$\Phi_{543}\ \Phi_{181}\ \Phi_3\ \Phi_1^2$
18208	544	273	$\frac{5}{273}$	$\frac{67}{273}$	$\frac{1}{3}$	$\frac{103}{273}$	$\Phi_{273}^2\ \Phi_{91}^2\ \Phi_{39}^2\ \Phi_{21}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
18209	544	69	$\frac{1}{69}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{69}^{8}\ \Phi_{23}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
18210	544	405	$\frac{2}{135}$	$\frac{133}{405}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{405}^{2}\ \Phi_{81}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
18211	544	45	$\frac{1}{45}$	$\frac{11}{45}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{45}^{12}\ \Phi_{15}^{12}\ \Phi_{9}^{12}\ \Phi_{5}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
18212	544	279	$\frac{7}{279}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{279}^{2}\ \Phi_{93}^{2}\ \Phi_{31}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
18213	544	105	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^{4}\ \Phi_{35}^{8}\ \Phi_{21}^{4}\ \Phi_{15}^{3}\ \Phi_{7}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
18214	544	81	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{81}^{8}\ \Phi_{27}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
18215	544	315	$\frac{2}{45}$	$\frac{43}{315}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{315}^{2}\ \Phi_{105}^{2}\ \Phi_{63}^{2}\ \Phi_{35}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
18216	544	285	$\frac{13}{285}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{285}^{2}\ \Phi_{95}^{2}\ \Phi_{57}^{2}\ \Phi_{19}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
18217	544	135	$\frac{7}{135}$	$\frac{16}{135}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{135}^{4}\ \Phi_{45}^{4}\ \Phi_{27}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
18218	544	18	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{18}^{32}\ \Phi_{9}^{28}\ \Phi_{6}^{32}\ \Phi_{3}^{29}\ \Phi_{2}^{32}\ \Phi_{1}^{30}$
18219	544	75	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{75}^{8}\ \Phi_{25}^{8}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
18220	544	297	$\frac{2}{27}$	$\frac{25}{297}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{297}^{2}\ \Phi_{99}^{2}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
18221	544	351	$\frac{1}{39}$	$\frac{79}{351}$	$\frac{38}{117}$	$\frac{1}{3}$	$\Phi_{351}^{2}\ \Phi_{39}^{2}\ \Phi_{27}^{2}\ \Phi_{13}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
18222	544	399	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{127}{399}$	$\frac{1}{3}$	$\Phi_{399}\ \Phi_{133}^{2}\ \Phi_{57}\ \Phi_{21}^{2}\ \Phi_{19}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
18223	544	315	$\frac{1}{21}$	$\frac{43}{315}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{315}^{2}\ \Phi_{105}^{2}\ \Phi_{45}^{2}\ \Phi_{35}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
18224	544	99	$\frac{2}{33}$	$\frac{1}{9}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{99}^{5}\ \Phi_{33}^{6}\ \Phi_{11}^{6}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
18225	544	195	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{59}{195}$	$\frac{1}{3}$	$\Phi_{195}^{2}\ \Phi_{65}^{4}\ \Phi_{39}^{3}\ \Phi_{15}^{2}\ \Phi_{13}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
18226	544	408	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{408}\ \Phi_{204}\ \Phi_{136}^{2}\ \Phi_{102}\ \Phi_{68}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{2}\ \Phi_{17}^{2}$
18227	544	90	$\frac{1}{18}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{90}^{6}\ \Phi_{45}^{5}\ \Phi_{30}^{6}\ \Phi_{18}^{8}\ \Phi_{15}^{6}\ \Phi_{10}^{6}\ \Phi_{9}^{7}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
18228	544	189	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{53}{189}$	$\frac{1}{3}$	$\Phi_{189}^{4}\ \Phi_{27}^{4}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
18229	544	273	$\frac{3}{91}$	$\frac{22}{91}$	$\frac{23}{91}$	$\frac{1}{3}$	$\Phi_{273}^{3}\ \Phi_{39}^{3}\ \Phi_{21}^{3}\ \Phi_{3}^{2}$
18230	544	1020	$\frac{1}{17}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{51}$
18231	544	1005	$\frac{3}{67}$	$\frac{1}{5}$	$\frac{16}{67}$	$\frac{1}{3}$	$\Phi_{1005}\ \Phi_{15}^{2}$
18232	544	21	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{5}{21}$	$\frac{1}{3}$	$\Phi_{21}^{26}\ \Phi_{7}^{26}\ \Phi_{3}^{25}\ \Phi_{1}^{26}$
18233	544	39	$\frac{1}{13}$	$\frac{5}{39}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{39}^{13}\ \Phi_{13}^{16}\ \Phi_{3}^{12}\ \Phi_{1}^{16}$
18234	544	198	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{198}^{4}\ \Phi_{99}^{2}\ \Phi_{66}^{2}\ \Phi_{33}\ \Phi_{22}^{4}\ \Phi_{18}^{4}\ \Phi_{11}^{2}\ \Phi_{9}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
18235	544	90	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{90}^{6}\ \Phi_{45}^{6}\ \Phi_{30}^{6}\ \Phi_{18}^{8}\ \Phi_{15}^{3}\ \Phi_{10}^{6}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
18236	544	975	$\frac{1}{13}$	$\frac{53}{325}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{975}\ \Phi_{75}\ \Phi_{39}$
18237	544	315	$\frac{2}{21}$	$\frac{43}{315}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{315}^{2}\ \Phi_{105}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{35}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
18238	544	39	$\frac{4}{39}$	$\frac{5}{39}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{39}^{14}\ \Phi_{13}^{14}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
18239	544	744	$\frac{3}{31}$	$\frac{1}{8}$	$\frac{7}{31}$	$\frac{7}{24}$	$\Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{31}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
18240	544	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{120}\ \Phi_{90}^{2}\ \Phi_{60}\ \Phi_{45}^{3}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$
18241	544	77	$\frac{9}{77}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{77}^{7}\ \Phi_{11}^{8}\ \Phi_{7}^{6}\ \Phi_{1}^{8}$
18242	544	765	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{765}\ \Phi_{153}\ \Phi_{85}$
18243	544	620	$\frac{3}{31}$	$\frac{3}{20}$	$\frac{7}{31}$	$\frac{1}{4}$	$\Phi_{620}\ \Phi_{310}\ \Phi_{155}\ \Phi_{31}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
18244	544	180	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^{3}\ \Phi_{90}^{3}\ \Phi_{60}^{3}\ \Phi_{45}^{4}\ \Phi_{36}^{4}\ \Phi_{30}^{3}\ \Phi_{18}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}$
18245	544	110	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{5}{22}$	$\Phi_{110}^{6}\ \Phi_{55}^{3}\ \Phi_{22}^{8}\ \Phi_{11}^{4}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
18246	545	216	$\frac{1}{108}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{107}{216}$	$\Phi_{216}\ \Phi_{108}^{4}\ \Phi_{72}\ \Phi_{54}^{4}\ \Phi_{36}^{4}\ \Phi_{27}^{4}\ \Phi_{24}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
18247	545	1024	$\frac{1}{32}$	$\frac{33}{512}$	$\frac{479}{1024}$	$\frac{31}{64}$	$\Phi_{1024}\ \Phi_{64}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
18248	545	768	$\frac{1}{32}$	$\frac{33}{256}$	$\frac{223}{768}$	$\frac{31}{64}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
18249	545	128	$\frac{1}{32}$	$\frac{19}{128}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{128}^4\ \Phi_{64}^5\ \Phi_{32}^4\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
18250	545	1056	$\frac{17}{528}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{511}{1056}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
18251	545	736	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{191}{736}$	$\frac{177}{368}$	$\Phi_{736}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_1$
18252	545	210	$\frac{4}{105}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{101}{210}$	$\Phi_{210}^2\ \Phi_{105}^3\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{21}^3\ \Phi_{15}^4\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_7^3\ \Phi_6^2\ \Phi_5^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
18253	545	132	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{23}{132}$	$\frac{21}{44}$	$\Phi_{132}^3\ \Phi_{66}^5\ \Phi_{44}^4\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{12}^3\ \Phi_{11}^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
18254	545	204	$\frac{1}{17}$	$\frac{7}{102}$	$\frac{16}{51}$	$\frac{95}{204}$	$\Phi_{204}^5\ \Phi_{68}^5\ \Phi_{51}\ \Phi_{12}^5\ \Phi_4^5\ \Phi_3\ \Phi_1$
18255	545	204	$\frac{7}{102}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{95}{204}$	$\Phi_{204}^5\ \Phi_{68}^5\ \Phi_{17}^2\ \Phi_{12}^5\ \Phi_4^5\ \Phi_1^3$
18256	545	748	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{203}{748}$	$\frac{171}{374}$	$\Phi_{748}\ \Phi_{187}\ \Phi_{68}\ \Phi_{44}\ \Phi_{11}\ \Phi_4\ \Phi_1$
18257	545	600	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{91}{200}$	$\Phi_{600}^2\ \Phi_{200}\ \Phi_{120}^2\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
18258	545	120	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{120}^5\ \Phi_{60}^3\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^4\ \Phi_{15}^5\ \Phi_{12}^3\ \Phi_{10}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
18259	545	198	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{6}$	$\frac{89}{198}$	$\Phi_{198}^2\ \Phi_{99}^3\ \Phi_{66}^3\ \Phi_{33}^4\ \Phi_{22}^3\ \Phi_{18}^2\ \Phi_{11}^3\ \Phi_9^3\ \Phi_6^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
18260	545	672	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{127}{672}$	$\frac{97}{224}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
18261	545	192	$\frac{1}{32}$	$\frac{13}{96}$	$\frac{31}{96}$	$\frac{83}{192}$	$\Phi_{192}^5\ \Phi_{96}\ \Phi_{64}^5\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
18262	545	192	$\frac{1}{16}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{83}{192}$	$\Phi_{192}^5\ \Phi_{64}^5\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
18263	545	768	$\frac{1}{32}$	$\frac{31}{192}$	$\frac{223}{768}$	$\frac{161}{384}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
18264	545	119	$\frac{10}{119}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{119}^5\ \Phi_{17}^2\ \Phi_7^5\ \Phi_1^3$
18265	545	128	$\frac{1}{16}$	$\frac{19}{128}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{128}^5\ \Phi_{64}^5\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
18266	545	896	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{97}{448}$	$\frac{351}{896}$	$\Phi_{896}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
18267	545	528	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{21}{88}$	$\frac{67}{176}$	$\Phi_{528}^2\ \Phi_{176}\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
18268	545	888	$\frac{2}{111}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{888}\ \Phi_{296}\ \Phi_{111}\ \Phi_{37}\ \Phi_8\ \Phi_1$
18269	545	648	$\frac{1}{54}$	$\frac{1}{4}$	$\frac{53}{162}$	$\frac{3}{8}$	$\Phi_{648}^2\ \Phi_{162}\ \Phi_{81}\ \Phi_8\ \Phi_1$
18270	545	112	$\frac{3}{112}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{112}^5\ \Phi_{56}^5\ \Phi_{28}^5\ \Phi_{16}^5\ \Phi_{14}^5\ \Phi_8^2\ \Phi_7^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
18271	545	144	$\frac{1}{36}$	$\frac{35}{144}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{144}^5\ \Phi_{72}\ \Phi_{48}^5\ \Phi_{36}^4\ \Phi_{24}\ \Phi_{18}^4\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
18272	545	1080	$\frac{1}{27}$	$\frac{26}{135}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{135}\ \Phi_{120}\ \Phi_{45}\ \Phi_{40}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
18273	545	456	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{456}^2\ \Phi_{152}^2\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_8\ \Phi_1$
18274	545	504	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^2\ \Phi_{168}^2\ \Phi_{126}\ \Phi_{63}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
18275	545	936	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{117}\ \Phi_{104}\ \Phi_{39}\ \Phi_{13}\ \Phi_8\ \Phi_1$
18276	545	120	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^5\ \Phi_{60}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_8^2\ \Phi_6^4\ \Phi_5^5\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
18277	545	576	$\frac{31}{576}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
18278	545	612	$\frac{1}{17}$	$\frac{67}{612}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
18279	545	816	$\frac{1}{68}$	$\frac{67}{204}$	$\frac{271}{816}$	$\frac{137}{408}$	$\Phi_{816}\ \Phi_{272}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
18280	545	153	$\frac{1}{17}$	$\frac{7}{51}$	$\frac{44}{153}$	$\frac{16}{51}$	$\Phi_{153}^5\ \Phi_{51}\ \Phi_9^5\ \Phi_3\ \Phi_1$
18281	545	792	$\frac{17}{264}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{247}{792}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
18282	545	132	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{23}{132}$	$\frac{10}{33}$	$\Phi_{132}^5\ \Phi_{66}^3\ \Phi_{44}^5\ \Phi_{33}^4\ \Phi_{22}^3\ \Phi_{12}^5\ \Phi_{11}^3\ \Phi_6^2\ \Phi_4^5\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
18283	545	153	$\frac{2}{17}$	$\frac{7}{51}$	$\frac{3}{17}$	$\frac{44}{153}$	$\Phi_{153}^5\ \Phi_{17}^2\ \Phi_9^5\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
18284	545	150	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{50}$	$\frac{41}{150}$	$\Phi_{150}^{3}\ \Phi_{75}^{3}\ \Phi_{50}^{4}\ \Phi_{30}^{5}\ \Phi_{25}^{4}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
18285	545	144	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{35}{144}$	$\frac{13}{48}$	$\Phi_{144}^{5}\ \Phi_{72}^{5}\ \Phi_{36}^{5}\ \Phi_{18}^{5}\ \Phi_{16}^{4}\ \Phi_{9}^{5}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
18286	545	120	$\frac{11}{120}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{120}^{5}\ \Phi_{60}^{5}\ \Phi_{40}^{5}\ \Phi_{30}^{3}\ \Phi_{24}^{5}\ \Phi_{20}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{3}\ \Phi_{8}^{5}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{5}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
18287	545	420	$\frac{4}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{31}{140}$	$\Phi_{420}^{2}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{60}^{2}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
18288	545	136	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{27}{136}$	$\frac{7}{34}$	$\Phi_{136}^{5}\ \Phi_{68}^{5}\ \Phi_{17}^{2}\ \Phi_{8}^{5}\ \Phi_{4}^{5}\ \Phi_{1}^{3}$
18289	546	436	$\frac{1}{109}$	$\frac{55}{218}$	$\frac{163}{436}$	$\frac{54}{109}$	$\Phi_{436}^{2}\ \Phi_{109}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
18290	546	180	$\frac{1}{90}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{89}{180}$	$\Phi_{180}^{6}\ \Phi_{60}^{6}\ \Phi_{36}^{6}\ \Phi_{20}^{6}\ \Phi_{12}^{6}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
18291	546	180	$\frac{1}{90}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{89}{180}$	$\Phi_{180}^{2}\ \Phi_{90}^{4}\ \Phi_{60}^{2}\ \Phi_{45}^{4}\ \Phi_{36}^{2}\ \Phi_{30}^{4}\ \Phi_{20}^{2}\ \Phi_{18}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{4}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
18292	546	924	$\frac{1}{77}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{38}{77}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
18293	546	693	$\frac{1}{77}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{38}{77}$	$\Phi_{693}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
18294	546	244	$\frac{1}{61}$	$\frac{1}{4}$	$\frac{31}{122}$	$\frac{30}{61}$	$\Phi_{244}^{3}\ \Phi_{122}\ \Phi_{61}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
18295	546	984	$\frac{1}{41}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{20}{41}$	$\Phi_{984}\ \Phi_{328}\ \Phi_{41}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
18296	546	615	$\frac{1}{41}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{615}\ \Phi_{205}\ \Phi_{41}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
18297	546	738	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{20}{41}$	$\Phi_{738}\ \Phi_{369}\ \Phi_{41}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
18298	546	656	$\frac{1}{41}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{20}{41}$	$\Phi_{656}\ \Phi_{328}\ \Phi_{41}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
18299	546	988	$\frac{1}{38}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{37}{76}$	$\Phi_{988}\ \Phi_{76}^{2}\ \Phi_{52}\ \Phi_{13}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
18300	546	456	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{456}^{2}\ \Phi_{228}\ \Phi_{114}^{2}\ \Phi_{57}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
18301	546	1232	$\frac{3}{88}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{85}{176}$	$\Phi_{1232}\ \Phi_{112}\ \Phi_{28}\ \Phi_{14}$
18302	546	110	$\frac{2}{55}$	$\frac{19}{110}$	$\frac{1}{5}$	$\frac{53}{110}$	$\Phi_{110}^{4}\ \Phi_{55}^{6}\ \Phi_{22}^{4}\ \Phi_{11}^{6}\ \Phi_{10}^{4}\ \Phi_{5}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
18303	546	200	$\frac{1}{25}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{12}{25}$	$\Phi_{200}^{5}\ \Phi_{40}^{6}\ \Phi_{25}\ \Phi_{8}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
18304	546	50	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{12}{25}$	$\Phi_{50}^{10}\ \Phi_{25}^{11}\ \Phi_{10}^{12}\ \Phi_{5}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
18305	546	200	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{200}^{3}\ \Phi_{100}^{2}\ \Phi_{50}^{2}\ \Phi_{40}^{3}\ \Phi_{25}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{6}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
18306	546	25	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{25}^{22}\ \Phi_{5}^{21}\ \Phi_{1}^{22}$
18307	546	109	$\frac{5}{109}$	$\frac{18}{109}$	$\frac{19}{109}$	$\frac{52}{109}$	$\Phi_{109}^{5}\ \Phi_{1}^{6}$
18308	546	840	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{840}^{2}\ \Phi_{168}^{2}\ \Phi_{120}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{6}$
18309	546	120	$\frac{1}{20}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{120}^{10}\ \Phi_{40}^{6}\ \Phi_{24}^{10}\ \Phi_{15}^{2}\ \Phi_{8}^{6}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
18310	546	545	$\frac{29}{545}$	$\frac{41}{545}$	$\frac{168}{545}$	$\frac{258}{545}$	$\Phi_{545}\ \Phi_{109}\ \Phi_{5}\ \Phi_{1}^{2}$
18311	546	632	$\frac{5}{79}$	$\frac{1}{8}$	$\frac{14}{79}$	$\frac{37}{79}$	$\Phi_{632}\ \Phi_{316}\ \Phi_{158}$
18312	546	545	$\frac{37}{545}$	$\frac{64}{545}$	$\frac{97}{545}$	$\frac{254}{545}$	$\Phi_{545}\ \Phi_{109}\ \Phi_{5}\ \Phi_{1}^{2}$
18313	546	732	$\frac{13}{183}$	$\frac{14}{183}$	$\frac{1}{4}$	$\frac{85}{183}$	$\Phi_{732}\ \Phi_{366}\ \Phi_{244}\ \Phi_{122}\ \Phi_{12}\ \Phi_{6}$
18314	546	247	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{6}{19}$	$\frac{6}{13}$	$\Phi_{247}^{2}\ \Phi_{19}^{4}\ \Phi_{13}^{3}\ \Phi_{1}^{6}$
18315	546	364	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{364}^{2}\ \Phi_{182}\ \Phi_{91}\ \Phi_{52}\ \Phi_{28}^{4}\ \Phi_{14}^{2}\ \Phi_{13}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
18316	546	100	$\frac{2}{25}$	$\frac{9}{100}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{100}^{6}\ \Phi_{50}^{4}\ \Phi_{25}^{6}\ \Phi_{20}^{6}\ \Phi_{10}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
18317	546	264	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{264}^{4}\ \Phi_{88}^{4}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{6}$
18318	546	984	$\frac{2}{41}$	$\frac{1}{12}$	$\frac{13}{41}$	$\frac{11}{24}$	$\Phi_{984}\ \Phi_{328}\ \Phi_{41}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
18319	546	120	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{120}^{9}\ \Phi_{60}\ \Phi_{40}^{9}\ \Phi_{30}\ \Phi_{24}^{6}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}^{6}\ \Phi_{6}$
18320	546	984	$\frac{1}{12}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{11}{24}$	$\Phi_{984}\ \Phi_{328}\ \Phi_{41}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
18321	546	168	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{168}^{3}\ \Phi_{84}^{4}\ \Phi_{56}^{4}\ \Phi_{42}^{4}\ \Phi_{28}^{5}\ \Phi_{21}^{4}\ \Phi_{14}^{5}\ \Phi_{7}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
18322	546	500	$\frac{2}{25}$	$\frac{23}{250}$	$\frac{1}{5}$	$\frac{227}{500}$	$\Phi_{500}^2\ \Phi_{100}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
18323	546	545	$\frac{23}{545}$	$\frac{53}{545}$	$\frac{174}{545}$	$\frac{246}{545}$	$\Phi_{545}\ \Phi_{109}\ \Phi_5\ \Phi_1^2$
18324	546	165	$\frac{4}{55}$	$\frac{17}{165}$	$\frac{1}{5}$	$\frac{74}{165}$	$\Phi_{165}^3\ \Phi_{55}^4\ \Phi_{33}^3\ \Phi_{15}^3\ \Phi_{11}^4\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
18325	546	198	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{198}^3\ \Phi_{99}^3\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6\ \Phi_3^2\ \Phi_1^2$
18326	546	210	$\frac{1}{15}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{210}^5\ \Phi_{70}^4\ \Phi_{42}^5\ \Phi_{30}^5\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
18327	546	602	$\frac{1}{14}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{602}\ \Phi_{301}\ \Phi_{86}$
18328	546	240	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{240}^2\ \Phi_{120}^3\ \Phi_{80}^2\ \Phi_{60}^3\ \Phi_{48}^2\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^2\ \Phi_3^2$
18329	546	545	$\frac{34}{545}$	$\frac{73}{545}$	$\frac{103}{545}$	$\frac{236}{545}$	$\Phi_{545}\ \Phi_{109}\ \Phi_5\ \Phi_1^2$
18330	546	732	$\frac{8}{183}$	$\frac{25}{183}$	$\frac{1}{4}$	$\frac{79}{183}$	$\Phi_{732}\ \Phi_{366}\ \Phi_{244}\ \Phi_{122}\ \Phi_{12}\ \Phi_6$
18331	546	120	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{120}^5\ \Phi_{60}^5\ \Phi_{40}^4\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^4\ \Phi_{15}^5\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^5\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
18332	546	924	$\frac{2}{77}$	$\frac{1}{6}$	$\frac{25}{77}$	$\frac{5}{12}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
18333	546	108	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{108}^4\ \Phi_{54}^7\ \Phi_{36}^4\ \Phi_{27}^6\ \Phi_{18}^7\ \Phi_{12}^3\ \Phi_9^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
18334	546	924	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
18335	546	84	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{84}^{11}\ \Phi_{28}^{11}\ \Phi_{14}^6\ \Phi_{12}^{12}\ \Phi_7^5\ \Phi_4^{12}\ \Phi_2^6\ \Phi_1^6$
18336	546	132	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{132}^3\ \Phi_{66}^4\ \Phi_{44}^5\ \Phi_{33}^4\ \Phi_{22}^6\ \Phi_{12}^4\ \Phi_{11}^5\ \Phi_6^4\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^6$
18337	546	465	$\frac{2}{93}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{465}\ \Phi_{155}\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_5\ \Phi_1^2$
18338	546	135	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{44}{135}$	$\frac{2}{5}$	$\Phi_{135}^6\ \Phi_{27}^6\ \Phi_5\ \Phi_1^2$
18339	546	40	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{40}^{14}\ \Phi_{20}^{14}\ \Phi_{10}^{12}\ \Phi_8^{14}\ \Phi_5^{13}\ \Phi_4^{14}\ \Phi_2^{12}\ \Phi_1^{14}$
18340	546	120	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{29}{120}$	$\frac{2}{5}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{40}^6\ \Phi_{24}^6\ \Phi_{20}^6\ \Phi_{12}^6\ \Phi_8^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
18341	546	95	$\frac{4}{95}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{95}^6\ \Phi_{19}^6\ \Phi_5\ \Phi_1^2$
18342	546	480	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
18343	546	540	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}^2\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
18344	546	15	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{15}^{36}\ \Phi_5^{37}\ \Phi_3^{36}\ \Phi_1^{38}$
18345	546	280	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{280}^2\ \Phi_{140}^2\ \Phi_{70}\ \Phi_{56}^4\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}^4\ \Phi_{20}\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
18346	546	495	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}^2\ \Phi_{55}\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
18347	546	100	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{100}^6\ \Phi_{50}^6\ \Phi_{25}^6\ \Phi_{20}^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
18348	546	960	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
18349	546	440	$\frac{2}{55}$	$\frac{1}{5}$	$\frac{53}{220}$	$\frac{167}{440}$	$\Phi_{440}^2\ \Phi_{88}^2\ \Phi_{55}^2\ \Phi_{40}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
18350	546	672	$\frac{5}{96}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
18351	546	545	$\frac{27}{545}$	$\frac{74}{545}$	$\frac{157}{545}$	$\frac{194}{545}$	$\Phi_{545}\ \Phi_{109}\ \Phi_5\ \Phi_1^2$
18352	546	60	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{60}^{15}\ \Phi_{30}^5\ \Phi_{20}^{12}\ \Phi_{15}^4\ \Phi_{12}^{15}\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^3\ \Phi_4^{12}\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
18353	546	602	$\frac{1}{14}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{602}\ \Phi_{301}\ \Phi_{86}$
18354	546	545	$\frac{38}{545}$	$\frac{51}{545}$	$\frac{169}{545}$	$\frac{188}{545}$	$\Phi_{545}\ \Phi_{109}\ \Phi_5\ \Phi_1^2$
18355	546	632	$\frac{4}{79}$	$\frac{1}{8}$	$\frac{25}{79}$	$\frac{27}{79}$	$\Phi_{632}\ \Phi_{316}\ \Phi_{158}$
18356	546	966	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{966}\ \Phi_{322}\ \Phi_{161}\ \Phi_{42}\ \Phi_{14}$
18357	546	109	$\frac{4}{109}$	$\frac{18}{109}$	$\frac{35}{109}$	$\frac{37}{109}$	$\Phi_{109}^5\ \Phi_1^6$
18358	546	372	$\frac{2}{93}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{372}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
18359	546	360	$\frac{1}{40}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
18360	546	330	$\frac{1}{22}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6$
18361	546	540	$\frac{1}{45}$	$\frac{1}{4}$	$\frac{44}{135}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{12}\ \Phi_6$
18362	546	693	$\frac{2}{77}$	$\frac{2}{9}$	$\frac{25}{77}$	$\frac{1}{3}$	$\Phi_{693}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{11}\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
18363	546	615	$\frac{2}{41}$	$\frac{2}{15}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{615}\ \Phi_{205}\ \Phi_{41}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
18364	546	456	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{456}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3$
18365	546	822	$\frac{19}{274}$	$\frac{27}{274}$	$\frac{85}{274}$	$\frac{1}{3}$	$\Phi_{822}\ \Phi_{411}\ \Phi_6$
18366	546	210	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{42}^5\ \Phi_{30}^2\ \Phi_{21}^5\ \Phi_{15}^2\ \Phi_6^3\ \Phi_3^2$
18367	546	822	$\frac{15}{274}$	$\frac{37}{274}$	$\frac{79}{274}$	$\frac{1}{3}$	$\Phi_{822}\ \Phi_{411}\ \Phi_6$
18368	546	198	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{198}^4\ \Phi_{99}^4\ \Phi_{66}\ \Phi_{33}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6$
18369	546	120	$\frac{1}{30}$	$\frac{29}{120}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^6\ \Phi_{60}^2\ \Phi_{40}^6\ \Phi_{30}^4\ \Phi_{24}^6\ \Phi_{20}^2\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_8^6\ \Phi_6^5\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
18370	546	108	$\frac{1}{27}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{108}^7\ \Phi_{54}^7\ \Phi_{36}^6\ \Phi_{18}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
18371	546	1140	$\frac{4}{95}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{228}\ \Phi_{114}\ \Phi_{12}\ \Phi_6$
18372	546	900	$\frac{2}{45}$	$\frac{43}{225}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{50}\ \Phi_{12}\ \Phi_6$
18373	546	528	$\frac{1}{22}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_6$
18374	546	96	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{96}^6\ \Phi_{48}^6\ \Phi_{32}^6\ \Phi_{24}^6\ \Phi_{16}^6\ \Phi_{12}^3\ \Phi_8^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
18375	546	108	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{108}^6\ \Phi_{54}^6\ \Phi_{36}^2\ \Phi_{27}^6\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_9^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
18376	546	60	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^{12}\ \Phi_{30}^{12}\ \Phi_{20}^{12}\ \Phi_{12}^{13}\ \Phi_{10}^{12}\ \Phi_6^{13}\ \Phi_4^{12}\ \Phi_2^{12}$
18377	546	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^6\ \Phi_{84}^4\ \Phi_{42}^5\ \Phi_{24}^3\ \Phi_{21}^5\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
18378	546	396	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{12}\ \Phi_6$
18379	546	300	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{75}^3\ \Phi_{60}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
18380	546	693	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{693}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{11}\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
18381	546	126	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{126}^6\ \Phi_{63}^5\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_9^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
18382	546	396	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{99}\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
18383	546	1050	$\frac{1}{14}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{150}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
18384	546	615	$\frac{5}{41}$	$\frac{2}{15}$	$\frac{6}{41}$	$\frac{1}{3}$	$\Phi_{615}\ \Phi_{205}\ \Phi_{41}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
18385	546	840	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
18386	546	738	$\frac{2}{41}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{41}$	$\Phi_{738}\ \Phi_{369}\ \Phi_{41}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
18387	546	656	$\frac{2}{41}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{41}$	$\Phi_{656}\ \Phi_{328}\ \Phi_{41}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
18388	546	924	$\frac{3}{44}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{231}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
18389	546	110	$\frac{4}{55}$	$\frac{19}{110}$	$\frac{1}{5}$	$\frac{17}{55}$	$\Phi_{110}^6\ \Phi_{55}^4\ \Phi_{22}^6\ \Phi_{11}^4\ \Phi_{10}^6\ \Phi_5^3\ \Phi_2^6\ \Phi_1^4$
18390	546	109	$\frac{10}{109}$	$\frac{18}{109}$	$\frac{19}{109}$	$\frac{33}{109}$	$\Phi_{109}^5\ \Phi_1^6$
18391	546	30	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{30}^{20}\ \Phi_{15}^{22}\ \Phi_{10}^{12}\ \Phi_6^{20}\ \Phi_5^{13}\ \Phi_3^{22}\ \Phi_2^{12}\ \Phi_1^{14}$
18392	546	55	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{5}$	$\frac{16}{55}$	$\Phi_{55}^{10}\ \Phi_{11}^{10}\ \Phi_5^9\ \Phi_1^{10}$
18393	546	100	$\frac{9}{100}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{100}^6\ \Phi_{50}^6\ \Phi_{25}^4\ \Phi_{20}^6\ \Phi_{10}^6\ \Phi_5^3\ \Phi_4^6\ \Phi_2^6\ \Phi_1^4$
18394	546	180	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{180}^6\ \Phi_{90}^3\ \Phi_{60}\ \Phi_{45}^3\ \Phi_{36}^4\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9^2\ \Phi_6$
18395	546	738	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{738}\ \Phi_{369}\ \Phi_{41}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
18396	546	504	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{126}\ \Phi_{63}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
18397	546	125	$\frac{2}{25}$	$\frac{23}{125}$	$\frac{1}{5}$	$\frac{34}{125}$	$\Phi_{125}^4\ \Phi_{25}^6\ \Phi_5^5\ \Phi_1^6$
18398	546	240	$\frac{1}{15}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
18399	546	120	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{120}^6\ \Phi_{60}^4\ \Phi_{40}^3\ \Phi_{30}^4\ \Phi_{24}^6\ \Phi_{20}^2\ \Phi_{15}^6\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_8^6\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
18400	546	656	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{656}\ \Phi_{328}\ \Phi_{41}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
18401	546	112	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{112}^7\ \Phi_{56}^4\ \Phi_{28}^5\ \Phi_{14}^5\ \Phi_7^4$
18402	546	50	$\frac{3}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{11}{50}$	$\Phi_{50}^{14}\ \Phi_{25}^8\ \Phi_{10}^{14}\ \Phi_5^7\ \Phi_2^{14}\ \Phi_1^8$
18403	546	75	$\frac{2}{15}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{75}^{10}\ \Phi_{25}^6\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
18404	547	732	$\frac{2}{183}$	$\frac{185}{732}$	$\frac{1}{3}$	$\frac{181}{366}$	$\Phi_{732}\ \Phi_{244}\ \Phi_{183}\ \Phi_{61}\ \Phi_{12}\ \Phi_4\ \Phi_1$
18405	547	936	$\frac{1}{78}$	$\frac{79}{468}$	$\frac{389}{936}$	$\frac{77}{156}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
18406	547	1080	$\frac{7}{540}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{533}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
18407	547	1080	$\frac{7}{540}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{533}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
18408	547	1008	$\frac{1}{42}$	$\frac{43}{504}$	$\frac{461}{1008}$	$\frac{41}{84}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
18409	547	756	$\frac{1}{42}$	$\frac{43}{252}$	$\frac{209}{756}$	$\frac{41}{84}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{54}\ \Phi_{28}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
18410	547	672	$\frac{1}{42}$	$\frac{125}{672}$	$\frac{43}{168}$	$\frac{41}{84}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
18411	547	1064	$\frac{15}{532}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{517}{1064}$	$\Phi_{1064}\ \Phi_{152}\ \Phi_{56}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
18412	547	1056	$\frac{19}{528}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{509}{1056}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
18413	547	1040	$\frac{1}{26}$	$\frac{27}{520}$	$\frac{493}{1040}$	$\frac{25}{52}$	$\Phi_{1040}\ \Phi_{208}\ \Phi_{80}\ \Phi_{52}\ \Phi_{16}\ \Phi_4\ \Phi_1$
18414	547	780	$\frac{1}{26}$	$\frac{27}{260}$	$\frac{233}{780}$	$\frac{25}{52}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{156}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
18415	547	624	$\frac{1}{26}$	$\frac{77}{624}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
18416	547	1008	$\frac{1}{21}$	$\frac{43}{504}$	$\frac{20}{63}$	$\frac{461}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{63}\ \Phi_{48}\ \Phi_{16}\ \Phi_9\ \Phi_1$
18417	547	1008	$\frac{1}{14}$	$\frac{43}{504}$	$\frac{13}{56}$	$\frac{461}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
18418	547	756	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{209}{756}$	$\frac{169}{378}$	$\Phi_{756}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
18419	547	672	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{125}{672}$	$\frac{99}{224}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
18420	547	980	$\frac{1}{14}$	$\frac{57}{490}$	$\frac{13}{70}$	$\frac{433}{980}$	$\Phi_{980}\ \Phi_{196}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
18421	547	720	$\frac{7}{180}$	$\frac{1}{6}$	$\frac{173}{720}$	$\frac{5}{12}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
18422	547	576	$\frac{29}{576}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
18423	547	648	$\frac{7}{108}$	$\frac{101}{648}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
18424	547	600	$\frac{53}{600}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
18425	547	936	$\frac{1}{39}$	$\frac{79}{468}$	$\frac{38}{117}$	$\frac{389}{936}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
18426	547	780	$\frac{1}{39}$	$\frac{38}{195}$	$\frac{233}{780}$	$\frac{157}{390}$	$\Phi_{780}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
18427	547	576	$\frac{29}{576}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
18428	547	896	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{99}{448}$	$\frac{349}{896}$	$\Phi_{896}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
18429	547	558	$\frac{11}{558}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{558}\ \Phi_{279}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_9\ \Phi_1$
18430	547	840	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{127}{420}$	$\frac{293}{840}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
18431	547	630	$\frac{1}{21}$	$\frac{83}{630}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
18432	547	828	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{133}{414}$	$\frac{281}{828}$	$\Phi_{828}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{36}\ \Phi_{23}\ \Phi_{12}\ \Phi_4\ \Phi_1$
18433	547	702	$\frac{1}{39}$	$\frac{155}{702}$	$\frac{38}{117}$	$\frac{79}{234}$	$\Phi_{702}\ \Phi_{351}\ \Phi_{117}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
18434	547	810	$\frac{7}{270}$	$\frac{2}{9}$	$\frac{263}{810}$	$\frac{1}{3}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{162}\ \Phi_{81}\ \Phi_9\ \Phi_1$
18435	547	567	$\frac{20}{567}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{567}\ \Phi_{189}\ \Phi_{81}\ \Phi_{63}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$
18436	547	720	$\frac{7}{180}$	$\frac{2}{9}$	$\frac{173}{720}$	$\frac{1}{3}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
18437	547	576	$\frac{29}{576}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
18438	547	675	$\frac{7}{135}$	$\frac{128}{675}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{75}\ \Phi_{25}\ \Phi_9\ \Phi_1$
18439	547	648	$\frac{7}{108}$	$\frac{101}{648}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
18440	547	585	$\frac{38}{585}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{117}\ \Phi_{65}\ \Phi_{39}\ \Phi_{13}\ \Phi_9\ \Phi_1$
18441	547	630	$\frac{7}{90}$	$\frac{83}{630}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
18442	547	594	$\frac{47}{594}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_9\ \Phi_1$
18443	547	756	$\frac{1}{21}$	$\frac{43}{252}$	$\frac{209}{756}$	$\frac{20}{63}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{108}\ \Phi_{63}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
18444	547	792	$\frac{19}{264}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{245}{792}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
18445	547	672	$\frac{1}{14}$	$\frac{125}{672}$	$\frac{13}{56}$	$\frac{43}{168}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{112}\ \Phi_{96}\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
18446	548	816	$\frac{1}{136}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{135}{272}$	$\Phi_{816}\ \Phi_{272}^2\ \Phi_{48}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
18447	548	270	$\frac{2}{135}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{133}{270}$	$\Phi_{270}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
18448	548	165	$\frac{1}{55}$	$\frac{28}{165}$	$\frac{1}{3}$	$\frac{27}{55}$	$\Phi_{165}^3\ \Phi_{55}^4\ \Phi_{33}^3\ \Phi_{15}^3\ \Phi_{11}^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
18449	548	920	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{47}{184}$	$\frac{45}{92}$	$\Phi_{920}\ \Phi_{230}\ \Phi_{115}\ \Phi_{40}\ \Phi_{10}$
18450	548	264	$\frac{5}{132}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{127}{264}$	$\Phi_{264}^4\ \Phi_{88}^4\ \Phi_{33}\ \Phi_{24}^4\ \Phi_8^4$
18451	548	1320	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{127}{264}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{120}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
18452	548	150	$\frac{1}{25}$	$\frac{13}{150}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{150}^4\ \Phi_{75}^3\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
18453	548	429	$\frac{6}{143}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{429}^2\ \Phi_{39}^2\ \Phi_{33}$
18454	548	750	$\frac{1}{25}$	$\frac{12}{125}$	$\frac{1}{3}$	$\frac{113}{250}$	$\Phi_{750}^2\ \Phi_{150}^2\ \Phi_{75}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
18455	548	720	$\frac{7}{144}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
18456	548	230	$\frac{1}{23}$	$\frac{22}{115}$	$\frac{1}{5}$	$\frac{93}{230}$	$\Phi_{230}^4\ \Phi_{115}\ \Phi_{46}^4\ \Phi_{10}^4\ \Phi_2^4$
18457	548	420	$\frac{3}{140}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
18458	548	660	$\frac{1}{55}$	$\frac{27}{110}$	$\frac{1}{3}$	$\frac{83}{220}$	$\Phi_{660}^2\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{60}^2\ \Phi_{33}\ \Phi_{15}\ \Phi_{12}^2$
18459	548	204	$\frac{1}{68}$	$\frac{67}{204}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{204}^3\ \Phi_{102}^3\ \Phi_{68}^2\ \Phi_{51}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
18460	548	420	$\frac{3}{140}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
18461	548	510	$\frac{1}{34}$	$\frac{33}{170}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
18462	548	144	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{144}^4\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{24}^3\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{12}^3\ \Phi_9^4\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
18463	548	153	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{153}^4\ \Phi_{51}^3\ \Phi_{17}^2\ \Phi_9^4\ \Phi_3^4\ \Phi_1^4$
18464	548	405	$\frac{4}{135}$	$\frac{1}{5}$	$\frac{131}{405}$	$\frac{1}{3}$	$\Phi_{405}^2\ \Phi_{81}^2\ \Phi_{15}$
18465	548	198	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{61}{198}$	$\frac{1}{3}$	$\Phi_{198}^4\ \Phi_{99}^4\ \Phi_{33}\ \Phi_{18}^4\ \Phi_9^4$
18466	548	297	$\frac{23}{297}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{297}^2\ \Phi_{99}^2\ \Phi_{33}\ \Phi_{27}^2\ \Phi_9^2$
18467	548	375	$\frac{1}{25}$	$\frac{24}{125}$	$\frac{101}{375}$	$\frac{1}{3}$	$\Phi_{375}\ \Phi_{125}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
18468	548	285	$\frac{11}{285}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{285}^2\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_{15}$
18469	548	180	$\frac{2}{45}$	$\frac{1}{5}$	$\frac{43}{180}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
18470	548	462	$\frac{1}{11}$	$\frac{17}{154}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{21}^2$
18471	548	720	$\frac{7}{144}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
18472	548	528	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{176}$	$\frac{1}{3}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{48}^2\ \Phi_{33}\ \Phi_{24}^2$
18473	548	810	$\frac{2}{27}$	$\frac{25}{162}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
18474	548	150	$\frac{13}{150}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{150}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
18475	548	315	$\frac{4}{45}$	$\frac{41}{315}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^2$
18476	548	165	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{28}{165}$	$\frac{1}{3}$	$\Phi_{165}^4\ \Phi_{55}^4\ \Phi_{33}\ \Phi_{15}^4\ \Phi_5^4$
18477	548	990	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{61}{198}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
18478	548	152	$\frac{15}{152}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{152}^4\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{19}^4\ \Phi_8^4\ \Phi_4^2\ \Phi_2^2\ \Phi_1^4$
18479	549	1088	$\frac{5}{544}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{539}{1088}$	$\Phi_{1088}\ \Phi_{64}\ \Phi_8\ \Phi_1$
18480	549	736	$\frac{3}{184}$	$\frac{1}{4}$	$\frac{187}{736}$	$\frac{181}{368}$	$\Phi_{736}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_8\ \Phi_1$
18481	549	240	$\frac{1}{60}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{59}{120}$	$\Phi_{240}^4\ \Phi_{120}\ \Phi_{80}^4\ \Phi_{48}^4\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
18482	549	120	$\frac{1}{60}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{59}{120}$	$\Phi_{120}^9\ \Phi_{40}^9\ \Phi_{24}^9\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
18483	549	352	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{169}{352}$	$\Phi_{352}^3\ \Phi_{32}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
18484	549	1008	$\frac{2}{63}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{63}\ \Phi_{21}\ \Phi_{16}\ \Phi_9\ \Phi_7\ \Phi_1$
18485	549	720	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{29}{90}$	$\frac{7}{16}$	$\Phi_{720}^2\ \Phi_{144}^2\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
18486	549	64	$\frac{3}{64}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{64}^9\ \Phi_{32}^9\ \Phi_{16}^6\ \Phi_8^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
18487	549	80	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{19}{80}$	$\frac{7}{16}$	$\Phi_{80}^5\ \Phi_{40}^9\ \Phi_{20}^8\ \Phi_{16}^6\ \Phi_{10}^8\ \Phi_8^9\ \Phi_5^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
18488	549	1040	$\frac{4}{65}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{1040}\ \Phi_{208}\ \Phi_{65}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
18489	549	1200	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{14}{75}$	$\frac{7}{16}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{75}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
18490	549	528	$\frac{5}{66}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{528}^2\ \Phi_{176}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
18491	549	144	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{72}$	$\frac{7}{16}$	$\Phi_{144}^8\ \Phi_{72}\ \Phi_{48}^4\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}^5\ \Phi_9\ \Phi_8\ \Phi_1$
18492	549	560	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{70}$	$\frac{7}{16}$	$\Phi_{560}^2\ \Phi_{112}^2\ \Phi_{70}\ \Phi_{35}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
18493	549	644	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{1}{4}$	$\frac{139}{322}$	$\Phi_{644}\ \Phi_{161}\ \Phi_{92}^2\ \Phi_{46}\ \Phi_{28}\ \Phi_{23}\ \Phi_7\ \Phi_4\ \Phi_1$
18494	549	920	$\frac{3}{92}$	$\frac{89}{460}$	$\frac{1}{4}$	$\frac{371}{920}$	$\Phi_{920}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}\ \Phi_{40}\ \Phi_{23}\ \Phi_8\ \Phi_1$
18495	549	272	$\frac{5}{272}$	$\frac{1}{4}$	$\frac{89}{272}$	$\frac{3}{8}$	$\Phi_{272}^2\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{16}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
18496	549	560	$\frac{11}{560}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
18497	549	680	$\frac{5}{136}$	$\frac{131}{680}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
18498	549	64	$\frac{3}{64}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{64}^9\ \Phi_{32}^8\ \Phi_{16}^8\ \Phi_8^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
18499	549	92	$\frac{1}{46}$	$\frac{1}{4}$	$\frac{15}{46}$	$\frac{31}{92}$	$\Phi_{92}^5\ \Phi_{46}^7\ \Phi_{23}^7\ \Phi_4^4\ \Phi_2^6\ \Phi_1^7$
18500	549	87	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{26}{87}$	$\frac{1}{3}$	$\Phi_{87}^5\ \Phi_{29}^9\ \Phi_3^4\ \Phi_1^9$
18501	549	252	$\frac{2}{63}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^3\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
18502	549	180	$\frac{1}{30}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{29}{90}$	$\Phi_{180}^4\ \Phi_{90}^5\ \Phi_{45}^5\ \Phi_{36}^4\ \Phi_{18}^5\ \Phi_9^5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
18503	549	88	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{27}{88}$	$\Phi_{88}^6\ \Phi_{44}^6\ \Phi_{22}^6\ \Phi_{11}^6\ \Phi_8^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
18504	549	64	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{64}^9\ \Phi_{32}^9\ \Phi_{16}^9\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
18505	549	80	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{80}^9\ \Phi_{40}^9\ \Phi_{16}^9\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
18506	549	260	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{260}^2\ \Phi_{130}^2\ \Phi_{65}^3\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{13}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
18507	549	300	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^3\ \Phi_{50}^2\ \Phi_{25}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
18508	549	132	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{132}^4\ \Phi_{66}^5\ \Phi_{44}^4\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{11}^5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
18509	549	72	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{72}^9\ \Phi_{36}^9\ \Phi_{24}^9\ \Phi_{18}^9\ \Phi_9^9\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
18510	549	200	$\frac{17}{200}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{200}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{25}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
18511	549	140	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^4\ \Phi_{70}^5\ \Phi_{35}^5\ \Phi_{28}^4\ \Phi_{14}^5\ \Phi_7^5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
18512	550	546	$\frac{2}{273}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{271}{546}$	$\Phi_{546}^2\ \Phi_{182}^2\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
18513	550	872	$\frac{1}{109}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{54}{109}$	$\Phi_{872}\ \Phi_{109}\ \Phi_8^2\ \Phi_1^2$
18514	550	1104	$\frac{1}{92}$	$\frac{93}{368}$	$\frac{1}{3}$	$\frac{91}{184}$	$\Phi_{1104}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
18515	550	1632	$\frac{3}{272}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{269}{544}$	$\Phi_{1632}\ \Phi_{96}\ \Phi_{12}\ \Phi_6$
18516	550	488	$\frac{1}{61}$	$\frac{31}{244}$	$\frac{213}{488}$	$\frac{30}{61}$	$\Phi_{488}^2\ \Phi_{61}\ \Phi_8^2\ \Phi_1^2$
18517	550	366	$\frac{1}{61}$	$\frac{91}{366}$	$\frac{31}{122}$	$\frac{30}{61}$	$\Phi_{366}^2\ \Phi_{183}^2\ \Phi_{61}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
18518	550	108	$\frac{1}{54}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{53}{108}$	$\Phi_{108}^{10}\ \Phi_{36}^{10}\ \Phi_{12}^{10}\ \Phi_9\ \Phi_4^{10}\ \Phi_3\ \Phi_1^2$
18519	550	108	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{53}{108}$	$\Phi_{108}^{10}\ \Phi_{36}^{10}\ \Phi_{12}^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
18520	550	980	$\frac{1}{49}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{24}{49}$	$\Phi_{980}\ \Phi_{196}\ \Phi_{140}\ \Phi_{49}\ \Phi_{28}\ \Phi_{20}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
18521	550	735	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{24}{49}$	$\Phi_{735}\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
18522	550	222	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{19}{74}$	$\frac{18}{37}$	$\Phi_{222}^3\ \Phi_{111}^3\ \Phi_{74}\ \Phi_{37}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
18523	550	336	$\frac{1}{24}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{23}{48}$	$\Phi_{336}^3\ \Phi_{112}^3\ \Phi_{48}^4\ \Phi_{21}\ \Phi_{16}^4\ \Phi_7\ \Phi_3\ \Phi_1^2$
18524	550	48	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{48}^{22}\ \Phi_{16}^{22}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
18525	550	336	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{23}{48}$	$\Phi_{336}^3\ \Phi_{112}^3\ \Phi_{48}^4\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
18526	550	189	$\frac{1}{21}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{189}^3\ \Phi_{63}^3\ \Phi_{27}^4\ \Phi_{21}\ \Phi_9^4\ \Phi_7\ \Phi_3\ \Phi_1^2$
18527	550	252	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{10}{21}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{63}^3\ \Phi_{36}^4\ \Phi_{21}\ \Phi_{18}^4\ \Phi_9^4\ \Phi_7\ \Phi_3\ \Phi_1^2$
18528	550	84	$\frac{1}{21}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{84}^6\ \Phi_{42}^6\ \Phi_{28}^7\ \Phi_{21}^7\ \Phi_{14}^7\ \Phi_{12}^6\ \Phi_7^8\ \Phi_6^6\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
18529	550	672	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{10}{21}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{112}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
18530	550	42	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{10}{21}$	$\Phi_{42}^{12}\ \Phi_{21}^{13}\ \Phi_{14}^{12}\ \Phi_7^{13}\ \Phi_6^{16}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
18531	550	1144	$\frac{3}{52}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{1144}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
18532	550	204	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{204}^3\ \Phi_{102}^3\ \Phi_{68}^3\ \Phi_{51}^3\ \Phi_{34}\ \Phi_{17}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
18533	550	549	$\frac{41}{549}$	$\frac{59}{549}$	$\frac{98}{549}$	$\frac{254}{549}$	$\Phi_{549}\ \Phi_{183}\ \Phi_{61}\ \Phi_9\ \Phi_3\ \Phi_1^2$
18534	550	222	$\frac{3}{37}$	$\frac{4}{37}$	$\frac{1}{6}$	$\frac{17}{37}$	$\Phi_{222}^3\ \Phi_{111}^3\ \Phi_{74}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
18535	550	288	$\frac{13}{288}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
18536	550	138	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{1}{3}$	$\frac{21}{46}$	$\Phi_{138}^{11}\ \Phi_{69}\ \Phi_6^{11}$
18537	550	780	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{780}^2\ \Phi_{156}^2\ \Phi_{78}\ \Phi_{60}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
18538	550	980	$\frac{4}{49}$	$\frac{1}{10}$	$\frac{9}{49}$	$\frac{9}{20}$	$\Phi_{980}\ \Phi_{196}\ \Phi_{140}\ \Phi_{49}\ \Phi_{28}\ \Phi_{20}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
18539	550	660	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{660}^2\ \Phi_{220}\ \Phi_{132}^2\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
18540	550	140	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{140}^3\ \Phi_{70}^4\ \Phi_{35}^4\ \Phi_{28}^5\ \Phi_{20}^4\ \Phi_{14}^6\ \Phi_{10}^4\ \Phi_7^5\ \Phi_5^4\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
18541	550	171	$\frac{2}{57}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{171}^3\ \Phi_{57}^4\ \Phi_{19}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
18542	550	81	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{26}{81}$	$\frac{4}{9}$	$\Phi_{81}^{10}\ \Phi_9\ \Phi_3\ \Phi_1^2$
18543	550	288	$\frac{13}{288}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
18544	550	72	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{17}{72}$	$\frac{4}{9}$	$\Phi_{72}^{10}\ \Phi_{36}^{10}\ \Phi_{24}^{10}\ \Phi_{12}^{10}\ \Phi_9\ \Phi_8^{10}\ \Phi_4^{10}\ \Phi_3\ \Phi_1^2$
18545	550	27	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{27}^{20}\ \Phi_9^{21}\ \Phi_3^{21}\ \Phi_1^{22}$
18546	550	36	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{36}^{15}\ \Phi_{18}^{12}\ \Phi_{12}^{20}\ \Phi_9^{13}\ \Phi_6^{16}\ \Phi_4^{20}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
18547	550	324	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{49}{324}$	$\frac{4}{9}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
18548	550	63	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{4}{9}$	$\Phi_{63}^{10}\ \Phi_{21}^{10}\ \Phi_9\ \Phi_7^{10}\ \Phi_3\ \Phi_1^2$
18549	550	1078	$\frac{1}{11}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{1078}\ \Phi_{154}\ \Phi_{77}\ \Phi_{22}$
18550	550	704	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{704}\ \Phi_{352}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
18551	550	483	$\frac{2}{69}$	$\frac{67}{483}$	$\frac{1}{3}$	$\frac{208}{483}$	$\Phi_{483}\ \Phi_{161}\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
18552	550	1056	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
18553	550	549	$\frac{29}{549}$	$\frac{89}{549}$	$\frac{104}{549}$	$\frac{230}{549}$	$\Phi_{549}\ \Phi_{183}\ \Phi_{61}\ \Phi_9\ \Phi_3\ \Phi_1^2$
18554	550	204	$\frac{1}{12}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{204}^3\ \Phi_{102}^3\ \Phi_{68}^3\ \Phi_{51}^3\ \Phi_{34}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2$
18555	550	549	$\frac{44}{549}$	$\frac{65}{549}$	$\frac{101}{549}$	$\frac{224}{549}$	$\Phi_{549}\ \Phi_{183}\ \Phi_{61}\ \Phi_9\ \Phi_3\ \Phi_1^2$
18556	550	222	$\frac{2}{37}$	$\frac{1}{6}$	$\frac{7}{37}$	$\frac{15}{37}$	$\Phi_{222}^3\ \Phi_{111}^3\ \Phi_{74}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
18557	550	276	$\frac{1}{46}$	$\frac{9}{46}$	$\frac{1}{3}$	$\frac{37}{92}$	$\Phi_{276}^5\ \Phi_{138}\ \Phi_{69}\ \Phi_{12}^5\ \Phi_6$
18558	550	306	$\frac{1}{51}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{306}^3\ \Phi_{102}^3\ \Phi_{51}^2\ \Phi_{34}^3\ \Phi_{18}^2\ \Phi_{17}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
18559	550	168	$\frac{1}{56}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{42}^5\ \Phi_{24}^4\ \Phi_{21}^5\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
18560	550	816	$\frac{1}{51}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{816}\ \Phi_{272}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{48}\ \Phi_{34}\ \Phi_{12}\ \Phi_6$
18561	550	872	$\frac{4}{109}$	$\frac{21}{109}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{872}\ \Phi_{109}\ \Phi_8^2\ \Phi_1^2$
18562	550	552	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{552}^2\ \Phi_{184}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
18563	550	872	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{872}\ \Phi_{109}\ \Phi_8^2\ \Phi_1^2$
18564	550	264	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^4\ \Phi_{132}\ \Phi_{88}^3\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
18565	550	924	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{154}\ \Phi_{132}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}$
18566	550	61	$\frac{4}{61}$	$\frac{6}{61}$	$\frac{19}{61}$	$\frac{21}{61}$	$\Phi_{61}^9\ \Phi_1^{10}$
18567	550	414	$\frac{1}{69}$	$\frac{68}{207}$	$\frac{1}{3}$	$\frac{139}{414}$	$\Phi_{414}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
18568	550	114	$\frac{2}{57}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{114}^6\ \Phi_{57}^4\ \Phi_{38}^6\ \Phi_{19}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
18569	550	312	$\frac{2}{39}$	$\frac{37}{312}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
18570	550	294	$\frac{19}{294}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{294}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
18571	550	108	$\frac{2}{27}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{108}^6\ \Phi_{54}^6\ \Phi_{36}^6\ \Phi_{27}^4\ \Phi_{18}^6\ \Phi_{12}^2\ \Phi_9^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
18572	550	408	$\frac{3}{136}$	$\frac{1}{4}$	$\frac{133}{408}$	$\frac{1}{3}$	$\Phi_{408}\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{24}\ \Phi_{17}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
18573	550	162	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{162}^6\ \Phi_{81}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
18574	550	36	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{36}^{22}\ \Phi_{18}^{22}\ \Phi_{12}^2\ \Phi_9^{22}\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
18575	550	189	$\frac{2}{27}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{189}^3\ \Phi_{63}^2\ \Phi_{27}^4\ \Phi_{21}^3\ \Phi_9^3\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
18576	550	288	$\frac{13}{288}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
18577	550	390	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{390}\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{30}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
18578	550	204	$\frac{3}{68}$	$\frac{13}{68}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^4\ \Phi_{102}^4\ \Phi_{51}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
18579	550	288	$\frac{13}{288}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{48}\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
18580	550	84	$\frac{1}{12}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^7\ \Phi_{42}^7\ \Phi_{28}^8\ \Phi_{21}^7\ \Phi_{14}^8\ \Phi_{12}^2\ \Phi_7^8\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
18581	550	72	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{72}^{10}\ \Phi_{36}^{10}\ \Phi_{24}^{10}\ \Phi_{12}^{10}\ \Phi_{8}^{10}\ \Phi_{6}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
18582	550	234	$\frac{7}{117}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{234}^{3}\ \Phi_{117}^{2}\ \Phi_{78}^{3}\ \Phi_{39}^{2}\ \Phi_{26}^{3}\ \Phi_{13}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
18583	550	96	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{96}^{7}\ \Phi_{48}^{7}\ \Phi_{32}^{8}\ \Phi_{16}^{8}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
18584	550	378	$\frac{2}{27}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{378}^{2}\ \Phi_{189}\ \Phi_{126}^{2}\ \Phi_{63}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
18585	550	69	$\frac{4}{69}$	$\frac{13}{69}$	$\frac{14}{69}$	$\frac{1}{3}$	$\Phi_{69}^{8}\ \Phi_{23}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
18586	550	54	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{5}{27}$	$\frac{1}{3}$	$\Phi_{54}^{12}\ \Phi_{27}^{8}\ \Phi_{18}^{12}\ \Phi_{9}^{8}\ \Phi_{6}^{14}\ \Phi_{3}^{9}\ \Phi_{2}^{14}\ \Phi_{1}^{10}$
18587	550	276	$\frac{7}{92}$	$\frac{15}{92}$	$\frac{17}{92}$	$\frac{1}{3}$	$\Phi_{276}^{3}\ \Phi_{138}^{3}\ \Phi_{69}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
18588	550	12	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{12}^{50}\ \Phi_{6}^{42}\ \Phi_{4}^{50}\ \Phi_{3}^{41}\ \Phi_{2}^{42}\ \Phi_{1}^{42}$
18589	550	324	$\frac{5}{54}$	$\frac{49}{324}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{324}^{2}\ \Phi_{162}^{2}\ \Phi_{108}^{2}\ \Phi_{81}^{2}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
18590	550	126	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{126}^{6}\ \Phi_{63}^{4}\ \Phi_{42}^{6}\ \Phi_{21}^{4}\ \Phi_{14}^{6}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
18591	550	252	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{36}$	$\Phi_{252}^{3}\ \Phi_{126}^{3}\ \Phi_{63}^{3}\ \Phi_{36}^{4}\ \Phi_{18}^{4}\ \Phi_{14}^{2}\ \Phi_{9}^{4}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
18592	550	792	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
18593	550	154	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{154}^{5}\ \Phi_{77}^{3}\ \Phi_{22}^{5}\ \Phi_{11}^{2}$
18594	550	735	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{735}\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{7}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
18595	550	330	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{330}^{2}\ \Phi_{165}\ \Phi_{110}^{2}\ \Phi_{66}^{3}\ \Phi_{55}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{3}\ \Phi_{11}^{2}$
18596	550	420	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{60}^{2}\ \Phi_{42}^{2}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
18597	550	61	$\frac{6}{61}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{61}^{9}\ \Phi_{1}^{10}$
18598	550	28	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{28}^{19}\ \Phi_{14}^{21}\ \Phi_{7}^{20}\ \Phi_{4}^{18}\ \Phi_{2}^{20}\ \Phi_{1}^{20}$
18599	550	224	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{7}{32}$	$\Phi_{224}^{3}\ \Phi_{112}^{3}\ \Phi_{32}^{4}\ \Phi_{16}^{4}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
18600	550	42	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{42}^{12}\ \Phi_{21}^{12}\ \Phi_{14}^{14}\ \Phi_{7}^{13}\ \Phi_{6}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
18601	551	880	$\frac{1}{110}$	$\frac{111}{440}$	$\frac{329}{880}$	$\frac{109}{220}$	$\Phi_{880}\ \Phi_{220}\ \Phi_{176}\ \Phi_{80}\ \Phi_{44}\ \Phi_{20}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
18602	551	1000	$\frac{1}{50}$	$\frac{51}{500}$	$\frac{449}{1000}$	$\frac{49}{100}$	$\Phi_{1000}\ \Phi_{200}\ \Phi_{100}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
18603	551	1080	$\frac{11}{540}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{529}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
18604	551	1080	$\frac{11}{540}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{529}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
18605	551	740	$\frac{4}{185}$	$\frac{1}{5}$	$\frac{189}{740}$	$\frac{181}{370}$	$\Phi_{740}\ \Phi_{185}\ \Phi_{148}\ \Phi_{37}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
18606	551	504	$\frac{1}{28}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{27}{56}$	$\Phi_{504}^{2}\ \Phi_{168}^{2}\ \Phi_{72}^{2}\ \Phi_{56}^{3}\ \Phi_{36}\ \Phi_{24}^{2}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
18607	551	168	$\frac{1}{28}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{168}^{6}\ \Phi_{56}^{7}\ \Phi_{24}^{6}\ \Phi_{21}\ \Phi_{8}^{7}\ \Phi_{7}\ \Phi_{1}$
18608	551	1512	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{27}{56}$	$\Phi_{1512}\ \Phi_{216}\ \Phi_{56}\ \Phi_{27}\ \Phi_{8}\ \Phi_{1}$
18609	551	168	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{27}{56}$	$\Phi_{168}^{2}\ \Phi_{84}^{4}\ \Phi_{56}^{3}\ \Phi_{42}^{4}\ \Phi_{28}^{4}\ \Phi_{24}^{3}\ \Phi_{21}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{5}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
18610	551	1056	$\frac{23}{528}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{505}{1056}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{96}\ \Phi_{44}\ \Phi_{32}\ \Phi_{4}\ \Phi_{1}$
18611	551	1056	$\frac{23}{528}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{505}{1056}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{96}\ \Phi_{33}\ \Phi_{32}\ \Phi_{3}\ \Phi_{1}$
18612	551	792	$\frac{1}{22}$	$\frac{23}{264}$	$\frac{241}{792}$	$\frac{21}{44}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
18613	551	616	$\frac{1}{22}$	$\frac{65}{616}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
18614	551	704	$\frac{1}{22}$	$\frac{23}{176}$	$\frac{153}{704}$	$\frac{21}{44}$	$\Phi_{704}\ \Phi_{352}\ \Phi_{64}\ \Phi_{44}\ \Phi_{32}\ \Phi_{4}\ \Phi_{1}$
18615	551	660	$\frac{1}{22}$	$\frac{109}{660}$	$\frac{23}{132}$	$\frac{21}{44}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
18616	551	748	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{197}{748}$	$\frac{177}{374}$	$\Phi_{748}\ \Phi_{187}\ \Phi_{68}\ \Phi_{44}\ \Phi_{17}\ \Phi_{4}\ \Phi_{1}$
18617	551	55	$\frac{3}{55}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{26}{55}$	$\Phi_{55}^{10}\ \Phi_{11}^{10}\ \Phi_{5}^{10}\ \Phi_{1}^{11}$
18618	551	252	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{17}{36}$	$\Phi_{252}^{4}\ \Phi_{84}^{4}\ \Phi_{42}\ \Phi_{36}^{5}\ \Phi_{28}^{4}\ \Phi_{21}\ \Phi_{12}^{5}\ \Phi_{6}\ \Phi_{4}^{5}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
18619	551	288	$\frac{1}{18}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{32}^3\ \Phi_{24}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
18620	551	1260	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{17}{36}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{180}\ \Phi_{140}\ \Phi_{60}\ \Phi_{36}\ \Phi_{35}\ \Phi_{20}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
18621	551	1040	$\frac{31}{520}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{489}{1040}$	$\Phi_{1040}\ \Phi_{208}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
18622	551	540	$\frac{1}{20}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
18623	551	40	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{40}^{19}\ \Phi_{20}^9\ \Phi_{10}^8\ \Phi_8^{19}\ \Phi_5^8\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
18624	551	720	$\frac{11}{180}$	$\frac{1}{10}$	$\frac{169}{720}$	$\frac{9}{20}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
18625	551	600	$\frac{49}{600}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
18626	551	640	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{89}{640}$	$\frac{71}{160}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
18627	551	980	$\frac{1}{10}$	$\frac{61}{490}$	$\frac{9}{70}$	$\frac{429}{980}$	$\Phi_{980}\ \Phi_{196}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
18628	551	960	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{480}$	$\frac{409}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
18629	551	33	$\frac{1}{11}$	$\frac{4}{33}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{33}^{17}\ \Phi_{11}^{16}\ \Phi_3^{17}\ \Phi_1^{17}$
18630	551	100	$\frac{1}{20}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{100}^5\ \Phi_{50}^4\ \Phi_{25}^5\ \Phi_{20}^9\ \Phi_{10}^8\ \Phi_5^8\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
18631	551	180	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^2\ \Phi_{45}^4\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
18632	551	480	$\frac{1}{30}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{480}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{60}^2\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
18633	551	240	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{240}^4\ \Phi_{80}^4\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
18634	551	900	$\frac{1}{50}$	$\frac{101}{450}$	$\frac{49}{150}$	$\frac{349}{900}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
18635	551	800	$\frac{1}{50}$	$\frac{49}{200}$	$\frac{249}{800}$	$\frac{151}{400}$	$\Phi_{800}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
18636	551	120	$\frac{1}{30}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^4\ \Phi_{60}^6\ \Phi_{40}^4\ \Phi_{30}^5\ \Phi_{24}^3\ \Phi_{20}^6\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
18637	551	30	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{30}^{18}\ \Phi_{15}^{19}\ \Phi_{10}^{18}\ \Phi_6^{18}\ \Phi_5^{18}\ \Phi_3^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
18638	551	594	$\frac{43}{594}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{99}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_3\ \Phi_1$
18639	551	840	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{131}{420}$	$\frac{289}{840}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
18640	551	44	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{44}^{19}\ \Phi_{22}^6\ \Phi_{11}^6\ \Phi_4^{19}\ \Phi_2^6\ \Phi_1^7$
18641	551	42	$\frac{1}{14}$	$\frac{2}{21}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{42}^{13}\ \Phi_{21}^{14}\ \Phi_{14}^{12}\ \Phi_7^{13}\ \Phi_6^{13}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
18642	551	672	$\frac{3}{32}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{21}\ \Phi_{16}\ \Phi_8\ \Phi_7\ \Phi_1$
18643	551	180	$\frac{1}{20}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^4\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^4\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
18644	551	105	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{105}^6\ \Phi_{35}^7\ \Phi_{21}\ \Phi_{15}^6\ \Phi_7\ \Phi_5^7\ \Phi_1$
18645	551	810	$\frac{11}{270}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{259}{810}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{162}\ \Phi_{81}\ \Phi_{15}\ \Phi_3\ \Phi_1$
18646	551	378	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{13}{42}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{54}^2\ \Phi_{42}\ \Phi_{27}^3\ \Phi_{21}\ \Phi_6\ \Phi_3\ \Phi_1$
18647	551	168	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{13}{42}$	$\Phi_{168}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{42}\ \Phi_{28}^4\ \Phi_{24}^5\ \Phi_{21}\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
18648	551	792	$\frac{23}{264}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{241}{792}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{72}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_9\ \Phi_3\ \Phi_1$
18649	551	660	$\frac{1}{11}$	$\frac{109}{660}$	$\frac{23}{132}$	$\frac{10}{33}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$
18650	551	864	$\frac{3}{32}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_8\ \Phi_1$
18651	551	945	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{8}{27}$	$\Phi_{945}\ \Phi_{135}\ \Phi_{35}\ \Phi_{27}\ \Phi_5\ \Phi_1$
18652	551	720	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{169}{720}$	$\frac{71}{240}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
18653	551	585	$\frac{34}{585}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{117}\ \Phi_{65}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_3\ \Phi_1$
18654	551	720	$\frac{11}{180}$	$\frac{1}{5}$	$\frac{169}{720}$	$\frac{4}{15}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
18655	551	675	$\frac{11}{135}$	$\frac{124}{675}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
18656	551	600	$\frac{49}{600}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
18657	551	630	$\frac{11}{90}$	$\frac{79}{630}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_7\ \Phi_3\ \Phi_1$
18658	551	96	$\frac{3}{32}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{96}^6\ \Phi_{48}^6\ \Phi_{32}^7\ \Phi_{24}^3\ \Phi_{16}^7\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
18659	551	840	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{35}$	$\frac{5}{24}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{140}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
18660	552	411	$\frac{1}{137}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{68}{137}$	$\Phi_{411}\ \Phi_{137}^2\ \Phi_3^2\ \Phi_1^4$
18661	552	551	$\frac{5}{551}$	$\frac{139}{551}$	$\frac{206}{551}$	$\frac{273}{551}$	$\Phi_{551}\ \Phi_{29}\ \Phi_{19}\ \Phi_1^2$
18662	552	831	$\frac{3}{277}$	$\frac{70}{277}$	$\frac{1}{3}$	$\frac{137}{277}$	Φ_{831}
18663	552	455	$\frac{1}{91}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{45}{91}$	$\Phi_{455}\ \Phi_{91}^2\ \Phi_{65}\ \Phi_{35}\ \Phi_{13}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
18664	552	1092	$\frac{1}{91}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{45}{91}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_6^2$
18665	552	551	$\frac{7}{551}$	$\frac{93}{551}$	$\frac{229}{551}$	$\frac{272}{551}$	$\Phi_{551}\ \Phi_{29}\ \Phi_{19}\ \Phi_1^2$
18666	552	952	$\frac{1}{68}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{67}{136}$	$\Phi_{952}\ \Phi_{136}^2\ \Phi_{56}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
18667	552	2040	$\frac{1}{68}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{67}{136}$	$\Phi_{2040}\ \Phi_{120}\ \Phi_{15}$
18668	552	740	$\frac{3}{185}$	$\frac{1}{4}$	$\frac{47}{185}$	$\frac{91}{185}$	$\Phi_{740}\ \Phi_{370}\ \Phi_{148}\ \Phi_{74}\ \Phi_{20}\ \Phi_{10}$
18669	552	551	$\frac{9}{551}$	$\frac{137}{551}$	$\frac{140}{551}$	$\frac{271}{551}$	$\Phi_{551}\ \Phi_{29}\ \Phi_{19}\ \Phi_1^2$
18670	552	831	$\frac{5}{277}$	$\frac{47}{277}$	$\frac{1}{3}$	$\frac{136}{277}$	Φ_{831}
18671	552	495	$\frac{1}{45}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{22}{45}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
18672	552	315	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_7^2$
18673	552	495	$\frac{1}{45}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{22}{45}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
18674	552	180	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{22}{45}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^5\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
18675	552	551	$\frac{13}{551}$	$\frac{47}{551}$	$\frac{252}{551}$	$\frac{269}{551}$	$\Phi_{551}\ \Phi_{29}\ \Phi_{19}\ \Phi_1^2$
18676	552	444	$\frac{1}{37}$	$\frac{19}{111}$	$\frac{1}{4}$	$\frac{18}{37}$	$\Phi_{444}^2\ \Phi_{222}^2\ \Phi_{148}\ \Phi_{74}\ \Phi_{12}^2\ \Phi_6^2$
18677	552	551	$\frac{17}{551}$	$\frac{71}{551}$	$\frac{160}{551}$	$\frac{267}{551}$	$\Phi_{551}\ \Phi_{29}\ \Phi_{19}\ \Phi_1^2$
18678	552	217	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{217}^3\ \Phi_7^2$
18679	552	87	$\frac{1}{29}$	$\frac{5}{87}$	$\frac{41}{87}$	$\frac{14}{29}$	$\Phi_{87}^6\ \Phi_{29}^7\ \Phi_3^6\ \Phi_1^8$
18680	552	29	$\frac{1}{29}$	$\frac{5}{29}$	$\frac{6}{29}$	$\frac{14}{29}$	$\Phi_{29}^{19}\ \Phi_1^{20}$
18681	552	695	$\frac{5}{139}$	$\frac{24}{139}$	$\frac{1}{5}$	$\frac{67}{139}$	Φ_{695}
18682	552	133	$\frac{5}{133}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{64}{133}$	$\Phi_{133}^4\ \Phi_{19}^5\ \Phi_7^4\ \Phi_1^6$
18683	552	133	$\frac{5}{133}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{64}{133}$	$\Phi_{133}^4\ \Phi_{19}^5\ \Phi_7^4\ \Phi_1^6$
18684	552	740	$\frac{7}{185}$	$\frac{24}{185}$	$\frac{1}{4}$	$\frac{89}{185}$	$\Phi_{740}\ \Phi_{370}\ \Phi_{148}\ \Phi_{74}\ \Phi_{20}\ \Phi_{10}$
18685	552	551	$\frac{21}{551}$	$\frac{68}{551}$	$\frac{143}{551}$	$\frac{265}{551}$	$\Phi_{551}\ \Phi_{29}\ \Phi_{19}\ \Phi_1^2$
18686	552	831	$\frac{11}{277}$	$\frac{24}{277}$	$\frac{1}{3}$	$\frac{133}{277}$	Φ_{831}
18687	552	1012	$\frac{1}{23}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{11}{23}$	$\Phi_{1012}\ \Phi_{92}\ \Phi_{44}^2\ \Phi_{23}\ \Phi_4^2\ \Phi_1^2$
18688	552	759	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{11}{23}$	$\Phi_{759}\ \Phi_{69}\ \Phi_{33}^2\ \Phi_{23}\ \Phi_3^2\ \Phi_1^2$
18689	552	1716	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{1716}\ \Phi_{156}\ \Phi_{39}$
18690	552	1012	$\frac{1}{22}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{21}{44}$	$\Phi_{1012}\ \Phi_{92}\ \Phi_{44}^2\ \Phi_{23}\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
18691	552	396	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{396}\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
18692	552	1012	$\frac{1}{22}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{21}{44}$	$\Phi_{1012}\ \Phi_{92}\ \Phi_{44}^2\ \Phi_{23}\ \Phi_4^2\ \Phi_1^2$
18693	552	1540	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{1540}\ \Phi_{140}\ \Phi_{35}$
18694	552	133	$\frac{1}{19}$	$\frac{10}{133}$	$\frac{41}{133}$	$\frac{9}{19}$	$\Phi_{133}^4\ \Phi_{19}^5\ \Phi_7^4\ \Phi_1^6$
18695	552	76	$\frac{1}{19}$	$\frac{7}{76}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{76}^8\ \Phi_{38}^8\ \Phi_{19}^5\ \Phi_4^8\ \Phi_2^8\ \Phi_1^6$
18696	552	87	$\frac{5}{87}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{41}{87}$	$\Phi_{87}^6\ \Phi_{29}^7\ \Phi_3^6\ \Phi_1^8$
18697	552	1170	$\frac{4}{65}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{1170}\ \Phi_{390}\ \Phi_{234}\ \Phi_{90}\ \Phi_{78}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
18698	552	252	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{252}^2\ \Phi_{126}^3\ \Phi_{84}^2\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{36}^2\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
18699	552	171	$\frac{1}{19}$	$\frac{13}{171}$	$\frac{6}{19}$	$\frac{79}{171}$	$\Phi_{171}^3\ \Phi_{57}^3\ \Phi_{19}^5\ \Phi_9^3\ \Phi_3^3\ \Phi_1^6$
18700	552	264	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{24}^4\ \Phi_{22}^2\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
18701	552	330	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{7}{30}$	$\frac{5}{11}$	$\Phi_{330}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}^4\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
18702	552	275	$\frac{2}{25}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{275}^2\ \Phi_{55}\ \Phi_{25}^4\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
18703	552	297	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{5}{11}$	$\Phi_{297}^2\ \Phi_{99}\ \Phi_{33}\ \Phi_{27}^4\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
18704	552	95	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{26}{95}$	$\frac{43}{95}$	$\Phi_{95}^6\ \Phi_{19}^5\ \Phi_5^6\ \Phi_1^6$
18705	552	1050	$\frac{1}{25}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1050}\ \Phi_{350}\ \Phi_{210}\ \Phi_{150}\ \Phi_{75}\ \Phi_{70}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
18706	552	126	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{126}^9\ \Phi_{63}\ \Phi_{42}^6\ \Phi_{21}\ \Phi_{18}^9\ \Phi_{14}^6\ \Phi_6^6\ \Phi_2^6$
18707	552	720	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
18708	552	145	$\frac{7}{145}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{145}^4\ \Phi_{29}^3\ \Phi_5^4\ \Phi_1^4$
18709	552	600	$\frac{1}{24}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
18710	552	800	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{800}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
18711	552	238	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{11}{34}$	$\frac{3}{7}$	$\Phi_{238}^2\ \Phi_{119}^2\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_{14}^2\ \Phi_7^3\ \Phi_2^4\ \Phi_1^6$
18712	552	168	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{28}^2\ \Phi_{24}^6\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^6\ \Phi_8^6\ \Phi_7^3\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
18713	552	595	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{16}{85}$	$\frac{3}{7}$	$\Phi_{595}\ \Phi_{85}^2\ \Phi_{35}\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
18714	552	200	$\frac{1}{25}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{200}^5\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}^4\ \Phi_{20}\ \Phi_{10}\ \Phi_8^4$
18715	552	360	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{360}^3\ \Phi_{120}^3\ \Phi_{90}\ \Phi_{72}^3\ \Phi_{45}\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
18716	552	57	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{11}{57}$	$\frac{8}{19}$	$\Phi_{57}^{12}\ \Phi_{19}^5\ \Phi_3^{12}\ \Phi_1^6$
18717	552	551	$\frac{17}{551}$	$\frac{89}{551}$	$\frac{160}{551}$	$\frac{231}{551}$	$\Phi_{551}\ \Phi_{29}\ \Phi_{19}\ \Phi_1^2$
18718	552	475	$\frac{1}{19}$	$\frac{77}{475}$	$\frac{18}{95}$	$\frac{199}{475}$	$\Phi_{475}\ \Phi_{95}^2\ \Phi_{25}\ \Phi_{19}\ \Phi_5^2\ \Phi_1^2$
18719	552	831	$\frac{7}{277}$	$\frac{45}{277}$	$\frac{1}{3}$	$\frac{116}{277}$	Φ_{831}
18720	552	551	$\frac{14}{551}$	$\frac{93}{551}$	$\frac{179}{551}$	$\frac{229}{551}$	$\Phi_{551}\ \Phi_{29}\ \Phi_{19}\ \Phi_1^2$
18721	552	116	$\frac{1}{29}$	$\frac{11}{58}$	$\frac{7}{29}$	$\frac{47}{116}$	$\Phi_{116}^8\ \Phi_{29}^3\ \Phi_4^8\ \Phi_1^4$
18722	552	705	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{705}\ \Phi_{141}^2$
18723	552	380	$\frac{3}{95}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{380}^2\ \Phi_{190}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{20}\ \Phi_{10}$
18724	552	455	$\frac{3}{91}$	$\frac{1}{5}$	$\frac{22}{91}$	$\frac{2}{5}$	$\Phi_{455}\ \Phi_{91}^2\ \Phi_{65}\ \Phi_{35}\ \Phi_{13}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
18725	552	120	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{120}^5\ \Phi_{60}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^4\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4$
18726	552	245	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{245}^2\ \Phi_{49}^4\ \Phi_{35}\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
18727	552	130	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{130}^4\ \Phi_{65}^3\ \Phi_{26}^8\ \Phi_{13}^6\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^8\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
18728	552	38	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{15}{38}$	$\Phi_{38}^{24}\ \Phi_{19}^{5}\ \Phi_{2}^{24}\ \Phi_{1}^{6}$
18729	552	611	$\frac{1}{47}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{611}
18730	552	1008	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{126}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{6}$
18731	552	29	$\frac{1}{29}$	$\frac{6}{29}$	$\frac{7}{29}$	$\frac{11}{29}$	$\Phi_{29}^{19}\ \Phi_{1}^{20}$
18732	552	148	$\frac{1}{37}$	$\frac{9}{37}$	$\frac{1}{4}$	$\frac{14}{37}$	$\Phi_{148}^{5}\ \Phi_{74}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
18733	552	551	$\frac{15}{551}$	$\frac{134}{551}$	$\frac{139}{551}$	$\frac{206}{551}$	$\Phi_{551}\ \Phi_{29}\ \Phi_{19}\ \Phi_{1}^{2}$
18734	552	95	$\frac{3}{95}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{95}^{6}\ \Phi_{19}^{5}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
18735	552	145	$\frac{1}{29}$	$\frac{28}{145}$	$\frac{39}{145}$	$\frac{53}{145}$	$\Phi_{145}^{4}\ \Phi_{29}^{3}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
18736	552	900	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
18737	552	600	$\frac{1}{24}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
18738	552	551	$\frac{20}{551}$	$\frac{91}{551}$	$\frac{177}{551}$	$\frac{187}{551}$	$\Phi_{551}\ \Phi_{29}\ \Phi_{19}\ \Phi_{1}^{2}$
18739	552	695	$\frac{4}{139}$	$\frac{1}{5}$	$\frac{45}{139}$	$\frac{47}{139}$	Φ_{695}
18740	552	551	$\frac{8}{551}$	$\frac{181}{551}$	$\frac{183}{551}$	$\frac{185}{551}$	$\Phi_{551}\ \Phi_{29}\ \Phi_{19}\ \Phi_{1}^{2}$
18741	552	831	$\frac{4}{277}$	$\frac{91}{277}$	$\frac{1}{3}$	$\frac{93}{277}$	Φ_{831}
18742	552	210	$\frac{1}{70}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^{3}\ \Phi_{105}^{3}\ \Phi_{70}^{2}\ \Phi_{42}^{3}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}$
18743	552	411	$\frac{2}{137}$	$\frac{45}{137}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{411}\ \Phi_{137}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
18744	552	564	$\frac{1}{47}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{564}\ \Phi_{282}\ \Phi_{188}^{2}\ \Phi_{94}^{2}$
18745	552	411	$\frac{5}{137}$	$\frac{22}{137}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{411}\ \Phi_{137}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
18746	552	168	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{168}^{4}\ \Phi_{84}^{4}\ \Phi_{56}^{4}\ \Phi_{42}^{4}\ \Phi_{28}^{4}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{2}$
18747	552	510	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{11}{34}$	$\frac{1}{3}$	$\Phi_{510}^{2}\ \Phi_{255}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{3}$
18748	552	831	$\frac{10}{277}$	$\frac{47}{277}$	$\frac{89}{277}$	$\frac{1}{3}$	Φ_{831}
18749	552	945	$\frac{2}{45}$	$\frac{1}{7}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{945}\ \Phi_{189}\ \Phi_{21}$
18750	552	429	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{429}\ \Phi_{143}^{2}\ \Phi_{39}^{2}\ \Phi_{13}^{2}$
18751	552	264	$\frac{1}{24}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{264}^{2}\ \Phi_{132}^{2}\ \Phi_{88}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{24}^{4}\ \Phi_{22}^{2}\ \Phi_{12}^{4}\ \Phi_{11}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
18752	552	831	$\frac{9}{277}$	$\frac{67}{277}$	$\frac{70}{277}$	$\frac{1}{3}$	Φ_{831}
18753	552	1092	$\frac{3}{91}$	$\frac{22}{91}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{42}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
18754	552	120	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^{6}\ \Phi_{60}^{5}\ \Phi_{40}^{6}\ \Phi_{30}^{5}\ \Phi_{20}^{6}\ \Phi_{15}^{6}\ \Phi_{10}^{6}\ \Phi_{5}^{6}$
18755	552	588	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}^{2}\ \Phi_{294}^{2}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
18756	552	156	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^{7}\ \Phi_{78}^{3}\ \Phi_{39}^{4}\ \Phi_{12}^{8}\ \Phi_{6}^{4}\ \Phi_{3}^{4}$
18757	552	210	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{210}^{4}\ \Phi_{105}^{2}\ \Phi_{70}^{4}\ \Phi_{42}^{4}\ \Phi_{35}^{2}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{2}$
18758	552	693	$\frac{7}{99}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{77}\ \Phi_{21}$
18759	552	255	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{255}^{3}\ \Phi_{51}^{4}\ \Phi_{15}^{4}\ \Phi_{3}^{4}$
18760	552	525	$\frac{2}{25}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{525}^{2}\ \Phi_{105}\ \Phi_{21}^{2}$
18761	552	189	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{189}^{4}\ \Phi_{63}^{2}\ \Phi_{21}^{3}\ \Phi_{7}^{2}$
18762	552	105	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{105}^{5}\ \Phi_{35}^{5}\ \Phi_{21}^{6}\ \Phi_{15}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
18763	552	540	$\frac{2}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{43}{135}$	$\Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{20}\ \Phi_{10}$
18764	552	57	$\frac{1}{19}$	$\frac{11}{57}$	$\frac{13}{57}$	$\frac{6}{19}$	$\Phi_{57}^{9}\ \Phi_{19}^{11}\ \Phi_{3}^{9}\ \Phi_{1}^{12}$
18765	552	29	$\frac{2}{29}$	$\frac{5}{29}$	$\frac{6}{29}$	$\frac{9}{29}$	$\Phi_{29}^{19}\ \Phi_{1}^{20}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
18766	552	759	$\frac{2}{23}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{7}{23}$	$\Phi_{759}\ \Phi_{69}\ \Phi_{33}^2\ \Phi_{23}\ \Phi_3^2\ \Phi_1^2$
18767	552	396	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{36}^3\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
18768	552	759	$\frac{1}{11}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{10}{33}$	$\Phi_{759}\ \Phi_{69}\ \Phi_{33}^2\ \Phi_{23}\ \Phi_3^2\ \Phi_1^2$
18769	552	1155	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{1155}\ \Phi_{105}\ \Phi_{35}$
18770	552	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{90}^7\ \Phi_{45}^7\ \Phi_{30}^4\ \Phi_{18}^7\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_9^6\ \Phi_6^4\ \Phi_5^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
18771	552	252	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{63}\ \Phi_{42}^3\ \Phi_{36}^3\ \Phi_{21}\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_6^3$
18772	552	330	$\frac{1}{15}$	$\frac{2}{11}$	$\frac{7}{30}$	$\frac{3}{11}$	$\Phi_{330}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}^4\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
18773	552	275	$\frac{2}{25}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{275}^2\ \Phi_{55}\ \Phi_{25}^4\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
18774	552	297	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{297}^2\ \Phi_{99}\ \Phi_{33}\ \Phi_{27}^4\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
18775	552	780	$\frac{11}{195}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
18776	552	76	$\frac{7}{76}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{76}^8\ \Phi_{38}^8\ \Phi_{19}^5\ \Phi_4^8\ \Phi_2^8\ \Phi_1^6$
18777	552	217	$\frac{3}{31}$	$\frac{1}{7}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{217}^3\ \Phi_7^2$
18778	552	60	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{30}$	$\frac{1}{4}$	$\Phi_{60}^{12}\ \Phi_{30}^4\ \Phi_{20}^{13}\ \Phi_{15}^8\ \Phi_{12}^{12}\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^8\ \Phi_4^{12}\ \Phi_3^8\ \Phi_2^4\ \Phi_1^8$
18779	552	100	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{100}^8\ \Phi_{50}^8\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_4^4\ \Phi_2^4$
18780	552	900	$\frac{4}{45}$	$\frac{41}{225}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
18781	552	540	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
18782	552	420	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{14}^2\ \Phi_{10}$
18783	553	156	$\frac{1}{78}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{77}{156}$	$\Phi_{156}\ \Phi_{78}^6\ \Phi_{52}\ \Phi_{39}^6\ \Phi_{26}^6\ \Phi_{13}^6\ \Phi_{12}^2\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
18784	553	468	$\frac{1}{78}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{77}{156}$	$\Phi_{468}^3\ \Phi_{156}\ \Phi_{52}\ \Phi_{36}^3\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
18785	553	1088	$\frac{9}{544}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{535}{1088}$	$\Phi_{1088}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
18786	553	666	$\frac{2}{111}$	$\frac{113}{666}$	$\frac{1}{3}$	$\frac{109}{222}$	$\Phi_{666}\ \Phi_{333}\ \Phi_{111}\ \Phi_{37}\ \Phi_{18}\ \Phi_9\ \Phi_1$
18787	553	1080	$\frac{13}{540}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{527}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
18788	553	1080	$\frac{13}{540}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{527}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
18789	553	744	$\frac{5}{186}$	$\frac{1}{6}$	$\frac{191}{744}$	$\frac{181}{372}$	$\Phi_{744}\ \Phi_{248}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{24}\ \Phi_8\ \Phi_1$
18790	553	152	$\frac{3}{76}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{152}^3\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
18791	553	1056	$\frac{1}{24}$	$\frac{25}{528}$	$\frac{503}{1056}$	$\frac{23}{48}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
18792	553	600	$\frac{4}{75}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
18793	553	96	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{96}^7\ \Phi_{48}^7\ \Phi_{24}^7\ \Phi_{16}^7\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
18794	553	1040	$\frac{33}{520}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{487}{1040}$	$\Phi_{1040}\ \Phi_{208}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
18795	553	91	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{91}^6\ \Phi_{13}^7\ \Phi_7^5\ \Phi_1^7$
18796	553	640	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{87}{640}$	$\frac{73}{160}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
18797	553	144	$\frac{1}{24}$	$\frac{7}{72}$	$\frac{23}{72}$	$\frac{65}{144}$	$\Phi_{144}^7\ \Phi_{72}\ \Phi_{48}^7\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}^7\ \Phi_9\ \Phi_1$
18798	553	144	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{65}{144}$	$\Phi_{144}^7\ \Phi_{48}^7\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
18799	553	768	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{215}{768}$	$\frac{169}{384}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
18800	553	816	$\frac{9}{272}$	$\frac{1}{8}$	$\frac{263}{816}$	$\frac{7}{16}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
18801	553	576	$\frac{23}{576}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
18802	553	280	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{70}$	$\frac{61}{140}$	$\Phi_{280}^2\ \Phi_{140}\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^4\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
18803	553	570	$\frac{17}{570}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{15}\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
18804	553	960	$\frac{1}{24}$	$\frac{73}{480}$	$\frac{23}{96}$	$\frac{407}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
18805	553	960	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{480}$	$\frac{407}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
18806	553	324	$\frac{2}{81}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{324}^3\ \Phi_{108}^3\ \Phi_{81}\ \Phi_{36}^3\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
18807	553	468	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{38}{117}$	$\frac{5}{12}$	$\Phi_{468}^3\ \Phi_{117}\ \Phi_{36}^3\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
18808	553	312	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{25}{104}$	$\frac{5}{12}$	$\Phi_{312}^2\ \Phi_{104}^3\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{13}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
18809	553	84	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{84}^7\ \Phi_{42}^7\ \Phi_{28}^7\ \Phi_{21}^7\ \Phi_{14}^7\ \Phi_{12}^2\ \Phi_7^7\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
18810	553	1092	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{91}\ \Phi_{84}\ \Phi_{28}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
18811	553	690	$\frac{1}{23}$	$\frac{22}{115}$	$\frac{137}{690}$	$\frac{93}{230}$	$\Phi_{690}\ \Phi_{345}\ \Phi_{138}\ \Phi_{115}\ \Phi_{69}\ \Phi_{30}\ \Phi_{15}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
18812	553	920	$\frac{1}{23}$	$\frac{22}{115}$	$\frac{93}{460}$	$\frac{367}{920}$	$\Phi_{920}\ \Phi_{184}\ \Phi_{115}\ \Phi_{40}\ \Phi_8\ \Phi_5\ \Phi_1$
18813	553	128	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{128}^7\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
18814	553	888	$\frac{2}{111}$	$\frac{109}{444}$	$\frac{1}{3}$	$\frac{335}{888}$	$\Phi_{888}\ \Phi_{296}\ \Phi_{111}\ \Phi_{37}\ \Phi_{24}\ \Phi_8\ \Phi_1$
18815	553	576	$\frac{23}{576}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
18816	553	864	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{121}{432}$	$\frac{311}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
18817	553	120	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{120}^3\ \Phi_{60}^4\ \Phi_{40}^7\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^7\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^7\ \Phi_8^6\ \Phi_6^4\ \Phi_5^7\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
18818	553	828	$\frac{1}{69}$	$\frac{68}{207}$	$\frac{275}{828}$	$\frac{139}{414}$	$\Phi_{828}\ \Phi_{276}\ \Phi_{207}\ \Phi_{92}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
18819	553	81	$\frac{2}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{81}^7\ \Phi_{27}^7\ \Phi_9^5\ \Phi_3^6\ \Phi_1^7$
18820	553	117	$\frac{1}{39}$	$\frac{2}{9}$	$\frac{38}{117}$	$\frac{1}{3}$	$\Phi_{117}^4\ \Phi_{39}^6\ \Phi_{13}^6\ \Phi_9^5\ \Phi_3^6\ \Phi_1^7$
18821	553	810	$\frac{13}{270}$	$\frac{2}{15}$	$\frac{257}{810}$	$\frac{1}{3}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{162}\ \Phi_{81}\ \Phi_{15}\ \Phi_5\ \Phi_1$
18822	553	585	$\frac{32}{585}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{117}\ \Phi_{65}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_5\ \Phi_1$
18823	553	111	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{32}{111}$	$\frac{1}{3}$	$\Phi_{111}^4\ \Phi_{37}^7\ \Phi_3^3\ \Phi_1^7$
18824	553	936	$\frac{1}{26}$	$\frac{2}{9}$	$\frac{25}{104}$	$\frac{1}{3}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{36}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
18825	553	720	$\frac{13}{180}$	$\frac{2}{15}$	$\frac{167}{720}$	$\frac{1}{3}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
18826	553	252	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}\ \Phi_{63}^3\ \Phi_{42}\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
18827	553	819	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{819}\ \Phi_{91}\ \Phi_{63}\ \Phi_9\ \Phi_7\ \Phi_1$
18828	553	600	$\frac{47}{600}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
18829	553	675	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{122}{675}$	$\frac{1}{3}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_1$
18830	553	90	$\frac{11}{90}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{90}^6\ \Phi_{45}^6\ \Phi_{30}^6\ \Phi_{18}^6\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_9^6\ \Phi_6^6\ \Phi_5^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
18831	553	810	$\frac{13}{270}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{257}{810}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{162}\ \Phi_{81}\ \Phi_{18}\ \Phi_9\ \Phi_1$
18832	553	720	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{167}{720}$	$\frac{73}{240}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
18833	553	96	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{96}^7\ \Phi_{48}^7\ \Phi_{32}^7\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
18834	553	594	$\frac{41}{594}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
18835	553	720	$\frac{13}{180}$	$\frac{1}{6}$	$\frac{167}{720}$	$\frac{5}{18}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
18836	553	648	$\frac{13}{108}$	$\frac{95}{648}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
18837	553	90	$\frac{11}{90}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{90}^6\ \Phi_{45}^6\ \Phi_{30}^6\ \Phi_{18}^7\ \Phi_{15}^6\ \Phi_{10}^6\ \Phi_9^7\ \Phi_6^6\ \Phi_5^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
18838	553	360	$\frac{11}{90}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
18839	553	200	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{200}^3\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{40}^4\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
18840	554	474	$\frac{1}{79}$	$\frac{40}{237}$	$\frac{197}{474}$	$\frac{39}{79}$	$\Phi_{474}^2\ \Phi_{158}^2\ \Phi_{79}\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
18841	554	546	$\frac{4}{273}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{269}{546}$	$\Phi_{546}^2\ \Phi_{182}^2\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
18842	554	532	$\frac{11}{266}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{255}{532}$	$\Phi_{532}^2\ \Phi_{76}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
18843	554	336	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{59}{336}$	$\frac{53}{112}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
18844	554	525	$\frac{29}{525}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{248}{525}$	$\Phi_{525}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{35}^2\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
18845	554	504	$\frac{25}{252}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{227}{504}$	$\Phi_{504}^2\ \Phi_{168}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
18846	554	490	$\frac{3}{35}$	$\frac{32}{245}$	$\frac{1}{7}$	$\frac{213}{490}$	$\Phi_{490}^2\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
18847	554	364	$\frac{4}{91}$	$\frac{1}{7}$	$\frac{87}{364}$	$\frac{3}{7}$	$\Phi_{364}^2\ \Phi_{182}^2\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
18848	554	294	$\frac{17}{294}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{294}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
18849	554	448	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{53}{224}$	$\frac{171}{448}$	$\Phi_{448}^2\ \Phi_{64}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
18850	554	420	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{67}{210}$	$\frac{143}{420}$	$\Phi_{420}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
18851	554	336	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{59}{336}$	$\frac{25}{84}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
18852	554	315	$\frac{38}{315}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{315}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_9^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
18853	554	350	$\frac{1}{7}$	$\frac{29}{175}$	$\frac{6}{35}$	$\frac{73}{350}$	$\Phi_{350}^2\ \Phi_{175}\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{35}^2\ \Phi_{25}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
18854	555	440	$\frac{1}{110}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{109}{220}$	$\Phi_{440}^2\ \Phi_{220}\ \Phi_{88}^2\ \Phi_{44}\ \Phi_{40}^2\ \Phi_{20}\ \Phi_8^3\ \Phi_4\ \Phi_1$
18855	555	732	$\frac{2}{183}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{181}{366}$	$\Phi_{732}\ \Phi_{244}\ \Phi_{183}\ \Phi_{61}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
18856	555	248	$\frac{1}{62}$	$\frac{1}{4}$	$\frac{63}{248}$	$\frac{61}{124}$	$\Phi_{248}^3\ \Phi_{124}^2\ \Phi_{62}\ \Phi_{31}\ \Phi_8^3\ \Phi_4\ \Phi_1$
18857	555	504	$\frac{1}{36}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{35}{72}$	$\Phi_{504}^2\ \Phi_{168}^2\ \Phi_{72}^3\ \Phi_{56}^2\ \Phi_{28}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
18858	555	504	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{35}{72}$	$\Phi_{504}^2\ \Phi_{168}^2\ \Phi_{72}^3\ \Phi_{56}^2\ \Phi_{24}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
18859	555	72	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{72}^{15}\ \Phi_{24}^{15}\ \Phi_{12}^2\ \Phi_8^{15}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
18860	555	210	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{33}{70}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{42}^4\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{21}^4\ \Phi_{15}^3\ \Phi_{14}\ \Phi_7^3\ \Phi_6^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^3$
18861	555	384	$\frac{1}{16}$	$\frac{17}{128}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}\ \Phi_{64}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
18862	555	624	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{97}{208}$	$\Phi_{624}^2\ \Phi_{208}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
18863	555	1092	$\frac{2}{39}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{156}\ \Phi_{52}\ \Phi_{39}\ \Phi_{28}\ \Phi_{13}\ \Phi_4\ \Phi_1$
18864	555	756	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{17}{54}$	$\frac{13}{28}$	$\Phi_{756}^2\ \Phi_{108}^2\ \Phi_{54}\ \Phi_{28}\ \Phi_{27}\ \Phi_4\ \Phi_1$
18865	555	280	$\frac{1}{14}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{280}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
18866	555	336	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{13}{28}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{48}^3\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
18867	555	1260	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{13}{28}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{180}\ \Phi_{140}\ \Phi_{60}\ \Phi_{45}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_5\ \Phi_4\ \Phi_1$
18868	555	84	$\frac{1}{14}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{84}^{12}\ \Phi_{42}\ \Phi_{28}^{13}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^{12}\ \Phi_7\ \Phi_4^{13}\ \Phi_1$
18869	555	588	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{6}$	$\frac{85}{196}$	$\Phi_{588}^2\ \Phi_{196}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
18870	555	192	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{1}{6}$	$\frac{27}{64}$	$\Phi_{192}^6\ \Phi_{64}^3\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
18871	555	192	$\frac{7}{192}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
18872	555	124	$\frac{1}{31}$	$\frac{6}{31}$	$\frac{1}{4}$	$\frac{25}{62}$	$\Phi_{124}^6\ \Phi_{62}\ \Phi_{31}^5\ \Phi_4^5\ \Phi_1^5$
18873	555	440	$\frac{1}{55}$	$\frac{1}{4}$	$\frac{18}{55}$	$\frac{3}{8}$	$\Phi_{440}^2\ \Phi_{88}^2\ \Phi_{55}^2\ \Phi_{40}^2\ \Phi_{11}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_1^3$
18874	555	152	$\frac{1}{38}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{152}^6\ \Phi_{76}^2\ \Phi_{38}\ \Phi_{19}\ \Phi_8^3\ \Phi_4\ \Phi_1$
18875	555	920	$\frac{4}{115}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{920}\ \Phi_{184}\ \Phi_{115}\ \Phi_{23}\ \Phi_8\ \Phi_1$
18876	555	88	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{88}^{10}\ \Phi_{44}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^{11}\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
18877	555	40	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{40}^{13}\ \Phi_{20}^{15}\ \Phi_{10}^{14}\ \Phi_8^{14}\ \Phi_5^{14}\ \Phi_4^{15}\ \Phi_2^{14}\ \Phi_1^{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
18878	555	968	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{968}\ \Phi_{121}\ \Phi_8\ \Phi_1$
18879	555	168	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{9}{28}$	$\frac{19}{56}$	$\Phi_{168}^6\ \Phi_{84}^2\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{24}^6\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8^3\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
18880	555	273	$\frac{2}{39}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{273}^2\ \Phi_{91}^2\ \Phi_{39}^3\ \Phi_{13}^3\ \Phi_7^2\ \Phi_1^3$
18881	555	156	$\frac{2}{39}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^5\ \Phi_{78}^2\ \Phi_{52}^5\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{13}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
18882	555	378	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{17}{54}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_7^2\ \Phi_1^3$
18883	555	108	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{108}^{10}\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
18884	555	48	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{11}{48}$	$\frac{5}{16}$	$\Phi_{48}^{11}\ \Phi_{24}^{11}\ \Phi_{16}^{13}\ \Phi_{12}^{11}\ \Phi_8^{13}\ \Phi_6^{10}\ \Phi_4^{13}\ \Phi_3^{10}\ \Phi_2^{12}\ \Phi_1^{13}$
18885	555	280	$\frac{3}{40}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{280}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
18886	555	336	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{48}$	$\frac{2}{7}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
18887	555	315	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{45}$	$\frac{2}{7}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{45}^3\ \Phi_{35}^2\ \Phi_{15}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
18888	555	42	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{42}^{13}\ \Phi_{21}^{13}\ \Phi_{14}^{13}\ \Phi_7^{15}\ \Phi_6^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{15}$
18889	555	396	$\frac{13}{198}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{396}^2\ \Phi_{198}\ \Phi_{132}^2\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
18890	555	120	$\frac{3}{40}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{40}^3\ \Phi_{30}^6\ \Phi_{24}^6\ \Phi_{20}^3\ \Phi_{15}^6\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
18891	555	48	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{48}^{15}\ \Phi_{24}^{15}\ \Phi_{16}^{15}\ \Phi_{12}^2\ \Phi_8^{15}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
18892	555	180	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{180}^5\ \Phi_{90}^2\ \Phi_{60}^5\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{20}^5\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
18893	555	84	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{84}^{10}\ \Phi_{42}^5\ \Phi_{28}^{10}\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{12}^2\ \Phi_7^5\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
18894	555	216	$\frac{5}{36}$	$\frac{31}{216}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{216}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
18895	555	420	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{35}$	$\frac{29}{140}$	$\Phi_{420}^2\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
18896	556	276	$\frac{1}{138}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{137}{276}$	$\Phi_{276}^4\ \Phi_{92}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
18897	556	222	$\frac{1}{111}$	$\frac{28}{111}$	$\frac{83}{222}$	$\frac{55}{111}$	$\Phi_{222}^4\ \Phi_{111}\ \Phi_{74}^4\ \Phi_{37}\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
18898	556	186	$\frac{1}{93}$	$\frac{47}{186}$	$\frac{1}{3}$	$\frac{46}{93}$	$\Phi_{186}^4\ \Phi_{93}^2\ \Phi_{62}^4\ \Phi_{31}^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
18899	556	275	$\frac{3}{275}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{136}{275}$	$\Phi_{275}^2\ \Phi_{55}^2\ \Phi_{25}^2\ \Phi_{11}^2\ \Phi_5^3\ \Phi_1^4$
18900	556	549	$\frac{7}{549}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{271}{549}$	$\Phi_{549}\ \Phi_{183}\ \Phi_{61}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
18901	556	185	$\frac{3}{185}$	$\frac{46}{185}$	$\frac{47}{185}$	$\frac{91}{185}$	$\Phi_{185}^3\ \Phi_{37}^3\ \Phi_5^3\ \Phi_1^4$
18902	556	1360	$\frac{3}{136}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{133}{272}$	$\Phi_{1360}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
18903	556	259	$\frac{1}{37}$	$\frac{19}{259}$	$\frac{120}{259}$	$\frac{18}{37}$	$\Phi_{259}^2\ \Phi_{37}^3\ \Phi_7^2\ \Phi_1^4$
18904	556	270	$\frac{4}{135}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{131}{270}$	$\Phi_{270}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
18905	556	270	$\frac{4}{135}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{131}{270}$	$\Phi_{270}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{10}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
18906	556	270	$\frac{4}{135}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{131}{270}$	$\Phi_{270}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
18907	556	465	$\frac{1}{31}$	$\frac{16}{155}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{465}^2\ \Phi_{93}\ \Phi_{15}^2$
18908	556	840	$\frac{1}{28}$	$\frac{29}{168}$	$\frac{1}{5}$	$\frac{27}{56}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
18909	556	1330	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{127}{266}$	$\Phi_{1330}\ \Phi_{190}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
18910	556	160	$\frac{1}{20}$	$\frac{21}{160}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{160}^4\ \Phi_{80}^4\ \Phi_{32}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
18911	556	525	$\frac{31}{525}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{247}{525}$	$\Phi_{525}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{35}^2\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
18912	556	405	$\frac{8}{135}$	$\frac{1}{15}$	$\frac{127}{405}$	$\frac{7}{15}$	$\Phi_{405}^2\ \Phi_{81}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
18913	556	150	$\frac{1}{15}$	$\frac{11}{150}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{150}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5\ \Phi_3\ \Phi_2^4\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
18914	556	180	$\frac{1}{15}$	$\frac{4}{45}$	$\frac{41}{180}$	$\frac{7}{15}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
18915	556	315	$\frac{1}{15}$	$\frac{37}{315}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
18916	556	260	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{121}{260}$	$\Phi_{260}^4\ \Phi_{52}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
18917	556	1260	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{5}$	$\frac{113}{252}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{180}\ \Phi_{140}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
18918	556	144	$\frac{5}{144}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{144}^4\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
18919	556	744	$\frac{1}{31}$	$\frac{15}{124}$	$\frac{1}{3}$	$\frac{109}{248}$	$\Phi_{744}^2\ \Phi_{93}\ \Phi_{24}^2$
18920	556	245	$\frac{2}{35}$	$\frac{33}{245}$	$\frac{1}{5}$	$\frac{106}{245}$	$\Phi_{245}^2\ \Phi_{49}^2\ \Phi_{35}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
18921	556	240	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{1}{5}$	$\frac{101}{240}$	$\Phi_{240}^4\ \Phi_{80}^4\ \Phi_{48}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
18922	556	465	$\frac{2}{93}$	$\frac{91}{465}$	$\frac{1}{3}$	$\frac{187}{465}$	$\Phi_{465}\ \Phi_{155}\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
18923	556	165	$\frac{3}{55}$	$\frac{26}{165}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{165}^4\ \Phi_{55}^2\ \Phi_{33}^4\ \Phi_{15}^4\ \Phi_{11}^2\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
18924	556	150	$\frac{11}{150}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{150}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^2\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
18925	556	1120	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{27}{112}$	$\frac{85}{224}$	$\Phi_{1120}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
18926	556	720	$\frac{5}{144}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
18927	556	222	$\frac{1}{37}$	$\frac{9}{37}$	$\frac{28}{111}$	$\frac{83}{222}$	$\Phi_{222}^4\ \Phi_{74}^4\ \Phi_{37}^3\ \Phi_6^4\ \Phi_2^4\ \Phi_1^4$
18928	556	210	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{34}{105}$	$\frac{71}{210}$	$\Phi_{210}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
18929	556	141	$\frac{2}{141}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{141}^4\ \Phi_{47}^4\ \Phi_3\ \Phi_1^2$
18930	556	207	$\frac{1}{69}$	$\frac{68}{207}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{207}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
18931	556	552	$\frac{1}{46}$	$\frac{45}{184}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{552}\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{92}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
18932	556	345	$\frac{2}{69}$	$\frac{67}{345}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{345}^2\ \Phi_{115}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
18933	556	144	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{144}^4\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
18934	556	483	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{483}\ \Phi_{161}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
18935	556	405	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{127}{405}$	$\frac{1}{3}$	$\Phi_{405}^2\ \Phi_{81}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
18936	556	297	$\frac{19}{297}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{297}^2\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
18937	556	186	$\frac{1}{31}$	$\frac{15}{62}$	$\frac{47}{186}$	$\frac{1}{3}$	$\Phi_{186}^2\ \Phi_{93}^3\ \Phi_{62}^4\ \Phi_{31}^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
18938	556	180	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{180}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
18939	556	315	$\frac{1}{9}$	$\frac{37}{315}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
18940	556	162	$\frac{1}{9}$	$\frac{23}{162}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{162}^4\ \Phi_{81}^4\ \Phi_{54}^4\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
18941	556	1020	$\frac{3}{68}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{65}{204}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
18942	556	180	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{41}{180}$	$\frac{19}{60}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
18943	556	840	$\frac{1}{14}$	$\frac{29}{168}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{140}\ \Phi_{120}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
18944	556	315	$\frac{4}{35}$	$\frac{37}{315}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{315}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_9^2\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
18945	556	150	$\frac{11}{150}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{150}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
18946	556	172	$\frac{3}{43}$	$\frac{33}{172}$	$\frac{10}{43}$	$\frac{1}{4}$	$\Phi_{172}^3\ \Phi_{86}^3\ \Phi_{43}^4\ \Phi_4^2\ \Phi_2^2\ \Phi_1^4$
18947	556	180	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{41}{180}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
18948	556	175	$\frac{4}{35}$	$\frac{31}{175}$	$\frac{1}{5}$	$\frac{36}{175}$	$\Phi_{175}^3\ \Phi_{35}^4\ \Phi_{25}^3\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
18949	557	1104	$\frac{5}{552}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{547}{1104}$	$\Phi_{1104}\ \Phi_{368}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
18950	557	1088	$\frac{13}{544}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{531}{1088}$	$\Phi_{1088}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
18951	557	672	$\frac{3}{112}$	$\frac{115}{672}$	$\frac{1}{4}$	$\frac{109}{224}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
18952	557	1080	$\frac{17}{540}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{523}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
18953	557	640	$\frac{3}{80}$	$\frac{83}{640}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
18954	557	1064	$\frac{25}{532}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{507}{1064}$	$\Phi_{1064}\ \Phi_{152}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
18955	557	1040	$\frac{37}{520}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{483}{1040}$	$\Phi_{1040}\ \Phi_{208}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
18956	557	1008	$\frac{3}{56}$	$\frac{53}{504}$	$\frac{1}{4}$	$\frac{451}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
18957	557	960	$\frac{3}{80}$	$\frac{77}{480}$	$\frac{1}{4}$	$\frac{403}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
18958	557	576	$\frac{19}{576}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
18959	557	896	$\frac{3}{112}$	$\frac{109}{448}$	$\frac{1}{4}$	$\frac{339}{896}$	$\Phi_{896}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
18960	557	736	$\frac{5}{184}$	$\frac{179}{736}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{736}\ \Phi_{368}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
18961	557	576	$\frac{19}{576}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
18962	557	840	$\frac{3}{140}$	$\frac{1}{4}$	$\frac{137}{420}$	$\frac{283}{840}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
18963	557	720	$\frac{3}{80}$	$\frac{163}{720}$	$\frac{1}{4}$	$\frac{77}{240}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
18964	557	816	$\frac{13}{272}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{259}{816}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
18965	557	672	$\frac{3}{56}$	$\frac{115}{672}$	$\frac{1}{4}$	$\frac{53}{168}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{112}\ \Phi_{96}\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
18966	557	600	$\frac{43}{600}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
18967	557	720	$\frac{17}{180}$	$\frac{3}{20}$	$\frac{163}{720}$	$\frac{1}{4}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
18968	558	920	$\frac{1}{92}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{91}{184}$	$\Phi_{920}\ \Phi_{184}^2\ \Phi_{40}\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{1}^2$
18969	558	552	$\frac{1}{92}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{91}{184}$	$\Phi_{552}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_{6}$
18970	558	1650	$\frac{4}{275}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{271}{550}$	$\Phi_{1650}\ \Phi_{330}\ \Phi_{150}\ \Phi_{66}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
18971	558	976	$\frac{1}{61}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{30}{61}$	$\Phi_{976}\ \Phi_{61}\ \Phi_{16}^2\ \Phi_{1}^2$
18972	558	244	$\frac{1}{61}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{30}{61}$	$\Phi_{244}^2\ \Phi_{122}^2\ \Phi_{61}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
18973	558	336	$\frac{1}{56}$	$\frac{19}{112}$	$\frac{1}{3}$	$\frac{55}{112}$	$\Phi_{336}^2\ \Phi_{168}^3\ \Phi_{84}^3\ \Phi_{48}^2\ \Phi_{42}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{3}^2$
18974	558	546	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{89}{182}$	$\Phi_{546}^3\ \Phi_{78}^3\ \Phi_{42}^3\ \Phi_{21}\ \Phi_{6}^3$
18975	558	557	$\frac{13}{557}$	$\frac{95}{557}$	$\frac{154}{557}$	$\frac{272}{557}$	$\Phi_{557}\ \Phi_{1}^2$
18976	558	960	$\frac{1}{40}$	$\frac{41}{320}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
18977	558	1632	$\frac{7}{272}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{265}{544}$	$\Phi_{1632}\ \Phi_{96}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
18978	558	748	$\frac{5}{187}$	$\frac{32}{187}$	$\frac{1}{4}$	$\frac{91}{187}$	$\Phi_{748}\ \Phi_{374}\ \Phi_{68}\ \Phi_{44}\ \Phi_{34}\ \Phi_{22}$
18979	558	1020	$\frac{1}{30}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{29}{60}$	$\Phi_{1020}\ \Phi_{340}\ \Phi_{204}\ \Phi_{68}\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
18980	558	60	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{60}^{18}\ \Phi_{30}\ \Phi_{20}^{18}\ \Phi_{15}\ \Phi_{12}^{18}\ \Phi_{6}\ \Phi_{4}^{18}$
18981	558	1020	$\frac{1}{30}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{29}{60}$	$\Phi_{1020}\ \Phi_{340}\ \Phi_{204}\ \Phi_{68}\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
18982	558	420	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{420}\ \Phi_{210}^2\ \Phi_{140}\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{7}^2$
18983	558	210	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{42}\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_{14}\ \Phi_{10}^2\ \Phi_{7}^2\ \Phi_{6}\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^2$
18984	558	1596	$\frac{13}{266}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{253}{532}$	$\Phi_{1596}\ \Phi_{228}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
18985	558	176	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{83}{176}$	$\Phi_{176}^6\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}^6$
18986	558	561	$\frac{1}{17}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{561}\ \Phi_{187}\ \Phi_{33}^2\ \Phi_{17}\ \Phi_{11}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
18987	558	765	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{8}{17}$	$\Phi_{765}\ \Phi_{153}\ \Phi_{45}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_1^2$
18988	558	68	$\frac{1}{17}$	$\frac{3}{34}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{68}^{11}\ \Phi_{34}^5\ \Phi_{17}^6\ \Phi_4^{10}\ \Phi_2^4\ \Phi_1^6$
18989	558	680	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{8}{17}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{136}\ \Phi_{68}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
18990	558	595	$\frac{1}{17}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{595}\ \Phi_{119}\ \Phi_{35}^2\ \Phi_{17}\ \Phi_7^2\ \Phi_1^2$
18991	558	612	$\frac{1}{17}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{68}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_4^2\ \Phi_1^2$
18992	558	1560	$\frac{1}{20}$	$\frac{19}{260}$	$\frac{1}{3}$	$\frac{241}{520}$	$\Phi_{1560}\ \Phi_{312}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
18993	558	132	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{132}^6\ \Phi_{66}^6\ \Phi_{44}^5\ \Phi_{22}^5\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^4\ \Phi_2^4$
18994	558	340	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{1}{4}$	$\frac{77}{170}$	$\Phi_{340}^2\ \Phi_{85}^2\ \Phi_{68}^3\ \Phi_{34}\ \Phi_{20}^2\ \Phi_{17}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
18995	558	168	$\frac{1}{28}$	$\frac{3}{28}$	$\frac{1}{3}$	$\frac{25}{56}$	$\Phi_{168}^9\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}^9\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
18996	558	1064	$\frac{1}{19}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{1064}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
18997	558	280	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{280}^4\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{40}^4\ \Phi_{35}\ \Phi_{14}\ \Phi_8^2$
18998	558	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{180}^4\ \Phi_{90}^3\ \Phi_{60}^4\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{18}\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
18999	558	96	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{96}^9\ \Phi_{48}^8\ \Phi_{24}^9\ \Phi_{12}^9\ \Phi_6^9\ \Phi_3^8$
19000	558	1470	$\frac{1}{35}$	$\frac{34}{245}$	$\frac{1}{3}$	$\frac{211}{490}$	$\Phi_{1470}\ \Phi_{294}\ \Phi_{210}\ \Phi_{105}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
19001	558	70	$\frac{1}{10}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{70}^9\ \Phi_{35}^7\ \Phi_{14}^9\ \Phi_{10}^8\ \Phi_7^8\ \Phi_5^6\ \Phi_2^8\ \Phi_1^8$
19002	558	270	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^3\ \Phi_{45}^3\ \Phi_{30}^3\ \Phi_{27}^2\ \Phi_{18}\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
19003	558	480	$\frac{1}{40}$	$\frac{13}{80}$	$\frac{1}{3}$	$\frac{67}{160}$	$\Phi_{480}^3\ \Phi_{120}\ \Phi_{96}^3\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
19004	558	230	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{15}{46}$	$\frac{2}{5}$	$\Phi_{230}^2\ \Phi_{115}^2\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{10}^2\ \Phi_5^3\ \Phi_2^4\ \Phi_1^6$
19005	558	160	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{160}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{32}^6\ \Phi_{20}^2\ \Phi_{16}^6\ \Phi_{10}^2\ \Phi_8^6\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
19006	558	115	$\frac{1}{23}$	$\frac{22}{115}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{115}^5\ \Phi_{23}^4\ \Phi_5^6\ \Phi_1^6$
19007	558	557	$\frac{11}{557}$	$\frac{125}{557}$	$\frac{182}{557}$	$\frac{216}{557}$	$\Phi_{557}\ \Phi_1^2$
19008	558	1344	$\frac{1}{56}$	$\frac{55}{224}$	$\frac{1}{3}$	$\frac{169}{448}$	$\Phi_{1344}\ \Phi_{192}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
19009	558	608	$\frac{1}{32}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
19010	558	912	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{912}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
19011	558	557	$\frac{14}{557}$	$\frac{123}{557}$	$\frac{181}{557}$	$\frac{188}{557}$	$\Phi_{557}\ \Phi_1^2$
19012	558	748	$\frac{4}{187}$	$\frac{1}{4}$	$\frac{61}{187}$	$\frac{63}{187}$	$\Phi_{748}\ \Phi_{374}\ \Phi_{68}\ \Phi_{44}\ \Phi_{34}\ \Phi_{22}$
19013	558	420	$\frac{1}{70}$	$\frac{23}{70}$	$\frac{1}{3}$	$\frac{47}{140}$	$\Phi_{420}^3\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}^3\ \Phi_6$
19014	558	330	$\frac{2}{33}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{15}\ \Phi_6$
19015	558	276	$\frac{1}{46}$	$\frac{1}{4}$	$\frac{15}{46}$	$\frac{1}{3}$	$\Phi_{276}^4\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{12}^5\ \Phi_6^3\ \Phi_3^2$
19016	558	120	$\frac{1}{40}$	$\frac{9}{40}$	$\frac{13}{40}$	$\frac{1}{3}$	$\Phi_{120}^7\ \Phi_{60}^7\ \Phi_{30}^7\ \Phi_{24}^7\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
19017	558	336	$\frac{1}{28}$	$\frac{19}{112}$	$\frac{9}{28}$	$\frac{1}{3}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{84}\ \Phi_{48}^3\ \Phi_{42}\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
19018	558	408	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{43}{136}$	$\frac{1}{3}$	$\Phi_{408}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
19019	558	90	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{90}^{10}\ \Phi_{45}^8\ \Phi_{30}\ \Phi_{18}^{10}\ \Phi_{15}\ \Phi_9^8\ \Phi_6$
19020	558	300	$\frac{7}{100}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^3\ \Phi_6$
19021	558	561	$\frac{2}{33}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{561}\ \Phi_{187}\ \Phi_{33}^2\ \Phi_{17}\ \Phi_{11}^2\ \Phi_1^2$
19022	558	294	$\frac{5}{98}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{294}^3\ \Phi_{147}^3\ \Phi_{42}^3\ \Phi_{21}\ \Phi_6^3$
19023	558	96	$\frac{1}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{96}^9\ \Phi_{48}^9\ \Phi_{24}^9\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
19024	558	1104	$\frac{3}{92}$	$\frac{89}{368}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
19025	558	1380	$\frac{1}{23}$	$\frac{22}{115}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}\ \Phi_6$
19026	558	924	$\frac{2}{33}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{154}\ \Phi_{28}\ \Phi_{14}$
19027	558	1092	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{85}{364}$	$\frac{1}{3}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
19028	558	120	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{120}^9\ \Phi_{60}^9\ \Phi_{30}\ \Phi_{24}^9\ \Phi_{15}\ \Phi_{12}^9\ \Phi_6$
19029	558	300	$\frac{7}{100}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{75}^2\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
19030	558	330	$\frac{4}{55}$	$\frac{17}{110}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{330}^3\ \Phi_{165}^2\ \Phi_{66}^3\ \Phi_{33}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_6^3\ \Phi_3^2$
19031	558	210	$\frac{1}{10}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^5\ \Phi_{105}^4\ \Phi_{42}^5\ \Phi_{30}\ \Phi_{21}^4\ \Phi_{15}\ \Phi_6$
19032	558	150	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{150}^5\ \Phi_{75}^4\ \Phi_{50}^5\ \Phi_{30}\ \Phi_{25}^4\ \Phi_{15}\ \Phi_6$
19033	558	180	$\frac{1}{10}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6\ \Phi_4^2$
19034	558	765	$\frac{1}{15}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{14}{45}$	$\Phi_{765}\ \Phi_{153}\ \Phi_{45}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_1^2$
19035	558	1260	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{252}\ \Phi_{126}\ \Phi_{28}\ \Phi_{14}$
19036	558	810	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{162}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
19037	558	44	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{4}$	$\frac{13}{44}$	$\Phi_{44}^{13}\ \Phi_{22}^{13}\ \Phi_{11}^{12}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
19038	558	68	$\frac{3}{34}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{68}^{11}\ \Phi_{34}^5\ \Phi_{17}^6\ \Phi_4^{10}\ \Phi_2^4\ \Phi_1^6$
19039	558	680	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{9}{40}$	$\frac{5}{17}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{136}\ \Phi_{68}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
19040	558	595	$\frac{4}{35}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{595}\ \Phi_{119}\ \Phi_{35}^2\ \Phi_{17}\ \Phi_7^2\ \Phi_1^2$
19041	558	612	$\frac{2}{17}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{68}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_4^2\ \Phi_1^2$
19042	558	340	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{1}{4}$	$\frac{23}{85}$	$\Phi_{340}^2\ \Phi_{170}^2\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_4^2\ \Phi_2^2$
19043	558	210	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^4\ \Phi_{21}^2\ \Phi_{15}^4\ \Phi_{14}\ \Phi_6^2\ \Phi_3^2$
19044	558	220	$\frac{1}{11}$	$\frac{17}{110}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{220}^4\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2$
19045	558	280	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{280}^3\ \Phi_{140}\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{14}^3\ \Phi_7^2$
19046	558	140	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^5\ \Phi_{70}^5\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_4^6\ \Phi_2^6$
19047	558	252	$\frac{5}{36}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}\ \Phi_{63}^3\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2$
19048	559	1104	$\frac{7}{552}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{545}{1104}$	$\Phi_{1104}\ \Phi_{368}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
19049	559	992	$\frac{1}{62}$	$\frac{63}{496}$	$\frac{433}{992}$	$\frac{61}{124}$	$\Phi_{992}\ \Phi_{124}\ \Phi_{32}\ \Phi_4\ \Phi_1$
19050	559	744	$\frac{1}{62}$	$\frac{185}{744}$	$\frac{63}{248}$	$\frac{61}{124}$	$\Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
19051	559	168	$\frac{1}{42}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{41}{84}$	$\Phi_{168}^6\ \Phi_{84}\ \Phi_{56}^6\ \Phi_{28}\ \Phi_{24}^7\ \Phi_{12}\ \Phi_8^7\ \Phi_4\ \Phi_1$
19052	559	420	$\frac{1}{42}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{420}^3\ \Phi_{140}^3\ \Phi_{84}\ \Phi_{60}^3\ \Phi_{28}\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
19053	559	252	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{41}{84}$	$\Phi_{252}^6\ \Phi_{84}\ \Phi_{36}^6\ \Phi_{28}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
19054	559	336	$\frac{1}{42}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{41}{84}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
19055	559	1080	$\frac{19}{540}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{521}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
19056	559	1080	$\frac{19}{540}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{521}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
19057	559	612	$\frac{2}{51}$	$\frac{53}{612}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{18}\ \Phi_{17}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
19058	559	756	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{197}{756}$	$\frac{181}{378}$	$\Phi_{756}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
19059	559	720	$\frac{1}{18}$	$\frac{19}{180}$	$\frac{161}{720}$	$\frac{17}{36}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
19060	559	648	$\frac{1}{18}$	$\frac{89}{648}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
19061	559	1056	$\frac{31}{528}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{497}{1056}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{96}\ \Phi_{33}\ \Phi_{32}\ \Phi_{11}\ \Phi_1$
19062	559	594	$\frac{35}{594}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{99}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
19063	559	560	$\frac{1}{14}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{560}^2\ \Phi_{112}^2\ \Phi_{80}\ \Phi_{28}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
19064	559	360	$\frac{2}{45}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{360}^3\ \Phi_{120}^3\ \Phi_{72}^3\ \Phi_{45}\ \Phi_{40}^3\ \Phi_{24}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
19065	559	504	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{20}{63}$	$\frac{11}{24}$	$\Phi_{504}^3\ \Phi_{72}^3\ \Phi_{63}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
19066	559	168	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{56}$	$\frac{11}{24}$	$\Phi_{168}^2\ \Phi_{84}^4\ \Phi_{56}^3\ \Phi_{42}^4\ \Phi_{28}^5\ \Phi_{24}^3\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
19067	559	48	$\frac{1}{12}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{48}^{13}\ \Phi_{24}^8\ \Phi_{16}^{13}\ \Phi_{12}^{13}\ \Phi_8^8\ \Phi_6^{12}\ \Phi_4^{13}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
19068	559	1176	$\frac{1}{12}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{1176}\ \Phi_{392}\ \Phi_{49}\ \Phi_{24}\ \Phi_8\ \Phi_1$
19069	559	1020	$\frac{2}{51}$	$\frac{49}{510}$	$\frac{1}{3}$	$\frac{461}{1020}$	$\Phi_{1020}\ \Phi_{340}\ \Phi_{204}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{20}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
19070	559	648	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{89}{648}$	$\frac{73}{162}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
19071	559	1008	$\frac{1}{18}$	$\frac{55}{504}$	$\frac{17}{72}$	$\frac{449}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
19072	559	1008	$\frac{55}{504}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{449}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{63}\ \Phi_{48}\ \Phi_{21}\ \Phi_{16}\ \Phi_7\ \Phi_1$
19073	559	630	$\frac{1}{9}$	$\frac{71}{630}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
19074	559	972	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{486}$	$\frac{413}{972}$	$\Phi_{972}\ \Phi_{324}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
19075	559	828	$\frac{7}{276}$	$\frac{1}{6}$	$\frac{269}{828}$	$\frac{5}{12}$	$\Phi_{828}\ \Phi_{414}\ \Phi_{207}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
19076	559	576	$\frac{17}{576}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
19077	559	336	$\frac{1}{14}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
19078	559	864	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{127}{432}$	$\frac{305}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
19079	559	594	$\frac{35}{594}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
19080	559	462	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{462}\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{42}\ \Phi_{33}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_3\ \Phi_1$
19081	559	45	$\frac{2}{45}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{45}^{13}\ \Phi_{15}^{11}\ \Phi_9^{13}\ \Phi_5^{11}\ \Phi_3^{12}\ \Phi_1^{13}$
19082	559	315	$\frac{1}{21}$	$\frac{2}{15}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{315}^3\ \Phi_{63}\ \Phi_{45}^3\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
19083	559	792	$\frac{2}{33}$	$\frac{31}{264}$	$\frac{233}{792}$	$\frac{1}{3}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{72}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
19084	559	90	$\frac{2}{45}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{90}^6\ \Phi_{45}^7\ \Phi_{30}^6\ \Phi_{18}^4\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_9^5\ \Phi_6^6\ \Phi_5^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
19085	559	765	$\frac{2}{51}$	$\frac{49}{255}$	$\frac{206}{765}$	$\frac{1}{3}$	$\Phi_{765}\ \Phi_{153}\ \Phi_{51}\ \Phi_{45}\ \Phi_{17}\ \Phi_9\ \Phi_1$
19086	559	720	$\frac{2}{45}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{16}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
19087	559	660	$\frac{2}{33}$	$\frac{101}{660}$	$\frac{31}{132}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
19088	559	840	$\frac{1}{14}$	$\frac{2}{15}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{140}\ \Phi_{120}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
19089	559	105	$\frac{2}{21}$	$\frac{2}{15}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{105}^5\ \Phi_{35}^5\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_7^6\ \Phi_5^6\ \Phi_3^6\ \Phi_1^7$
19090	559	240	$\frac{5}{48}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}\ \Phi_{40}^3\ \Phi_{24}\ \Phi_{20}^3\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
19091	559	735	$\frac{6}{49}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{49}\ \Phi_{15}\ \Phi_5\ \Phi_1$
19092	559	126	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{20}{63}$	$\Phi_{126}^3\ \Phi_{63}^4\ \Phi_{42}^6\ \Phi_{21}^6\ \Phi_{18}^4\ \Phi_{14}^6\ \Phi_9^5\ \Phi_7^6\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
19093	559	1008	$\frac{1}{21}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{20}{63}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{144}\ \Phi_{72}\ \Phi_{63}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
19094	559	810	$\frac{19}{270}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{251}{810}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_1$
19095	559	729	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{170}{729}$	$\frac{73}{243}$	$\Phi_{729}\ \Phi_{81}\ \Phi_{27}\ \Phi_1$
19096	559	648	$\frac{1}{9}$	$\frac{89}{648}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
19097	559	675	$\frac{1}{9}$	$\frac{19}{135}$	$\frac{116}{675}$	$\frac{8}{27}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{75}\ \Phi_{27}\ \Phi_{25}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
19098	559	420	$\frac{1}{14}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
19099	559	504	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{56}$	$\frac{5}{18}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{72}^2\ \Phi_{56}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
19100	559	144	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{144}^6\ \Phi_{72}^6\ \Phi_{48}\ \Phi_{36}^6\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
19101	559	882	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{882}\ \Phi_{441}\ \Phi_{49}\ \Phi_{18}\ \Phi_9\ \Phi_1$
19102	559	756	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{252}$	$\frac{197}{756}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{108}\ \Phi_{63}\ \Phi_{54}\ \Phi_{27}\ \Phi_{21}\ \Phi_7\ \Phi_1$
19103	559	112	$\frac{1}{14}$	$\frac{3}{16}$	$\frac{13}{56}$	$\frac{1}{4}$	$\Phi_{112}^6\ \Phi_{56}^3\ \Phi_{28}^5\ \Phi_{16}^7\ \Phi_{14}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
19104	559	48	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{48}^{11}\ \Phi_{24}^{11}\ \Phi_{16}^{12}\ \Phi_{12}^{13}\ \Phi_8^{12}\ \Phi_6^{12}\ \Phi_4^{13}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
19105	559	784	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{784}\ \Phi_{392}\ \Phi_{49}\ \Phi_{16}\ \Phi_8\ \Phi_1$
19106	560	417	$\frac{1}{139}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{69}{139}$	$\Phi_{417}\ \Phi_{139}^2\ \Phi_3^2\ \Phi_1^4$
19107	560	559	$\frac{5}{559}$	$\frac{141}{559}$	$\frac{209}{559}$	$\frac{277}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_1^2$
19108	560	888	$\frac{1}{111}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{55}{111}$	$\Phi_{888}\ \Phi_{296}\ \Phi_{111}\ \Phi_{37}\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
19109	560	843	$\frac{3}{281}$	$\frac{71}{281}$	$\frac{1}{3}$	$\frac{139}{281}$	Φ_{843}
19110	560	948	$\frac{1}{79}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{39}{79}$	$\Phi_{948}\ \Phi_{316}\ \Phi_{79}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
19111	560	711	$\frac{1}{79}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{39}{79}$	$\Phi_{711}\ \Phi_{79}\ \Phi_9^2\ \Phi_1^2$
19112	560	483	$\frac{1}{69}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{34}{69}$	$\Phi_{483}\ \Phi_{161}\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
19113	560	345	$\frac{1}{69}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{34}{69}$	$\Phi_{345}^2\ \Phi_{115}^2\ \Phi_{15}^3\ \Phi_5^2$
19114	560	559	$\frac{9}{559}$	$\frac{71}{559}$	$\frac{244}{559}$	$\frac{275}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_1^2$
19115	560	495	$\frac{1}{55}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{27}{55}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}^2\ \Phi_{45}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
19116	560	330	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{27}{55}$	$\Phi_{330}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
19117	560	559	$\frac{11}{559}$	$\frac{57}{559}$	$\frac{251}{559}$	$\frac{274}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_1^2$
19118	560	235	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{12}{47}$	$\frac{23}{47}$	$\Phi_{235}^3\ \Phi_5^2$
19119	560	129	$\frac{1}{43}$	$\frac{11}{129}$	$\frac{59}{129}$	$\frac{21}{43}$	$\Phi_{129}^4\ \Phi_{43}^5\ \Phi_3^4\ \Phi_1^6$
19120	560	387	$\frac{1}{43}$	$\frac{22}{129}$	$\frac{107}{387}$	$\frac{21}{43}$	$\Phi_{387}^2\ \Phi_{43}\ \Phi_9^2\ \Phi_1^2$
19121	560	43	$\frac{1}{43}$	$\frac{8}{43}$	$\frac{11}{43}$	$\frac{21}{43}$	$\Phi_{43}^{13}\ \Phi_1^{14}$
19122	560	843	$\frac{7}{281}$	$\frac{36}{281}$	$\frac{1}{3}$	$\frac{137}{281}$	Φ_{843}
19123	560	39	$\frac{1}{39}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{19}{39}$	$\Phi_{39}^{14}\ \Phi_{13}^{15}\ \Phi_3^{14}\ \Phi_1^{16}$
19124	560	312	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
19125	560	678	$\frac{3}{113}$	$\frac{1}{6}$	$\frac{29}{113}$	$\frac{55}{113}$	$\Phi_{678}\ \Phi_{339}\ \Phi_{226}$
19126	560	559	$\frac{15}{559}$	$\frac{41}{559}$	$\frac{259}{559}$	$\frac{272}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_1^2$
19127	560	1020	$\frac{1}{34}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{33}{68}$	$\Phi_{1020}\ \Phi_{340}\ \Phi_{204}\ \Phi_{68}^2\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
19128	560	612	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{612}^2\ \Phi_{204}\ \Phi_{68}^2\ \Phi_{36}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
19129	560	340	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{33}{68}$	$\Phi_{340}^3\ \Phi_{68}^4\ \Phi_{20}^3\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
19130	560	559	$\frac{17}{559}$	$\frac{83}{559}$	$\frac{144}{559}$	$\frac{271}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_1^2$
19131	560	843	$\frac{9}{281}$	$\frac{29}{281}$	$\frac{1}{3}$	$\frac{136}{281}$	Φ_{843}
19132	560	513	$\frac{1}{27}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{13}{27}$	$\Phi_{513}\ \Phi_{171}\ \Phi_{57}\ \Phi_{27}^2\ \Phi_{19}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
19133	560	297	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{297}^2\ \Phi_{99}^2\ \Phi_{33}^3\ \Phi_{11}^2$
19134	560	216	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{216}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
19135	560	513	$\frac{1}{27}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{13}{27}$	$\Phi_{513}\ \Phi_{171}\ \Phi_{57}\ \Phi_{27}^2\ \Phi_{19}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
19136	560	270	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{13}{27}$	$\Phi_{270}^3\ \Phi_{135}^2\ \Phi_{90}^3\ \Phi_{45}^2\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
19137	560	559	$\frac{21}{559}$	$\frac{29}{559}$	$\frac{265}{559}$	$\frac{269}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_1^2$
19138	560	559	$\frac{25}{559}$	$\frac{59}{559}$	$\frac{146}{559}$	$\frac{267}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_1^2$
19139	560	843	$\frac{13}{281}$	$\frac{21}{281}$	$\frac{1}{3}$	$\frac{134}{281}$	Φ_{843}
19140	560	285	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{285}^2\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{19}^2\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
19141	560	209	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{209}^3\ \Phi_{11}^2$
19142	560	171	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{9}{19}$	$\Phi_{171}^3\ \Phi_{57}^3\ \Phi_{19}^4\ \Phi_9^6\ \Phi_3^6\ \Phi_1^8$
19143	560	760	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
19144	560	559	$\frac{31}{559}$	$\frac{59}{559}$	$\frac{125}{559}$	$\frac{264}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_1^2$
19145	560	559	$\frac{33}{559}$	$\frac{74}{559}$	$\frac{97}{559}$	$\frac{263}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_1^2$
19146	560	1122	$\frac{1}{17}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{1122}\ \Phi_{374}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
19147	560	678	$\frac{7}{113}$	$\frac{15}{113}$	$\frac{1}{6}$	$\frac{53}{113}$	$\Phi_{678}\ \Phi_{339}\ \Phi_{226}$
19148	560	235	$\frac{3}{47}$	$\frac{5}{47}$	$\frac{1}{5}$	$\frac{22}{47}$	$\Phi_{235}^3\ \Phi_5^2$
19149	560	559	$\frac{37}{559}$	$\frac{41}{559}$	$\frac{149}{559}$	$\frac{261}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_1^2$
19150	560	255	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{16}{51}$	$\frac{7}{15}$	$\Phi_{255}^2\ \Phi_{85}^2\ \Phi_{51}^3\ \Phi_{17}^2\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
19151	560	255	$\frac{1}{15}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{15}$	$\Phi_{255}^2\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{17}^4\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^6$
19152	560	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{120}^5\ \Phi_{60}^5\ \Phi_{40}^5\ \Phi_{30}^2\ \Phi_{24}^7\ \Phi_{20}^5\ \Phi_{15}^3\ \Phi_{12}^7\ \Phi_{10}^2\ \Phi_8^6\ \Phi_6^3\ \Phi_5^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
19153	560	843	$\frac{15}{281}$	$\frac{19}{281}$	$\frac{1}{3}$	$\frac{131}{281}$	Φ_{843}
19154	560	615	$\frac{1}{15}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{615}\ \Phi_{205}\ \Phi_{123}$
19155	560	273	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{273}^2\ \Phi_{91}^2\ \Phi_{39}\ \Phi_{21}^4\ \Phi_{13}^2\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
19156	560	13	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{6}{13}$	$\Phi_{13}^{43}\ \Phi_1^{44}$
19157	560	715	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{715}\ \Phi_{55}^2$
19158	560	39	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{39}^{14}\ \Phi_{13}^{15}\ \Phi_3^{14}\ \Phi_1^{16}$
19159	560	234	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{234}^3\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{18}^6\ \Phi_{13}^2\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
19160	560	816	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{816}\ \Phi_{272}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
19161	560	129	$\frac{3}{43}$	$\frac{11}{129}$	$\frac{10}{43}$	$\frac{59}{129}$	$\Phi_{129}^4\ \Phi_{43}^5\ \Phi_3^4\ \Phi_1^6$
19162	560	648	$\frac{7}{81}$	$\frac{1}{8}$	$\frac{11}{81}$	$\frac{37}{81}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
19163	560	559	$\frac{49}{559}$	$\frac{69}{559}$	$\frac{76}{559}$	$\frac{255}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_1^2$
19164	560	705	$\frac{11}{141}$	$\frac{13}{141}$	$\frac{1}{5}$	$\frac{64}{141}$	$\Phi_{705}\ \Phi_{235}\ \Phi_{15}$
19165	560	1088	$\frac{1}{17}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{1088}\ \Phi_{68}\ \Phi_{34}$
19166	560	559	$\frac{29}{559}$	$\frac{53}{559}$	$\frac{153}{559}$	$\frac{253}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_1^2$
19167	560	843	$\frac{11}{281}$	$\frac{27}{281}$	$\frac{1}{3}$	$\frac{127}{281}$	Φ_{843}
19168	560	559	$\frac{44}{559}$	$\frac{57}{559}$	$\frac{103}{559}$	$\frac{251}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_1^2$
19169	560	609	$\frac{1}{21}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{609}\ \Phi_{203}\ \Phi_{87}$
19170	560	559	$\frac{31}{559}$	$\frac{61}{559}$	$\frac{132}{559}$	$\frac{249}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_1^2$
19171	560	559	$\frac{61}{559}$	$\frac{62}{559}$	$\frac{71}{559}$	$\frac{249}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_1^2$
19172	560	261	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{261}^2\ \Phi_{87}^3\ \Phi_{29}^2$
19173	560	495	$\frac{3}{55}$	$\frac{1}{9}$	$\frac{13}{55}$	$\frac{4}{9}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}^2\ \Phi_{45}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
19174	560	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{45}^{11}\ \Phi_{15}^{15}\ \Phi_9^{12}\ \Phi_5^{14}\ \Phi_3^{16}\ \Phi_1^{16}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
19175	560	99	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{33}$	$\frac{4}{9}$	$\Phi_{99}^{5}\ \Phi_{33}^{7}\ \Phi_{11}^{6}\ \Phi_{9}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
19176	560	495	$\frac{6}{55}$	$\frac{1}{9}$	$\frac{7}{55}$	$\frac{4}{9}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}^{2}\ \Phi_{45}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
19177	560	72	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{72}^{9}\ \Phi_{36}^{9}\ \Phi_{24}^{9}\ \Phi_{18}^{9}\ \Phi_{12}^{9}\ \Phi_{8}^{8}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}$
19178	560	678	$\frac{9}{113}$	$\frac{13}{113}$	$\frac{1}{6}$	$\frac{50}{113}$	$\Phi_{678}\ \Phi_{339}\ \Phi_{226}$
19179	560	43	$\frac{3}{43}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{43}^{13}\ \Phi_{1}^{14}$
19180	560	627	$\frac{1}{11}$	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{25}{57}$	$\Phi_{627}\ \Phi_{209}\ \Phi_{33}$
19181	560	639	$\frac{1}{9}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{31}{71}$	$\Phi_{639}\ \Phi_{213}$
19182	560	559	$\frac{62}{559}$	$\frac{63}{559}$	$\frac{71}{559}$	$\frac{244}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_{1}^{2}$
19183	560	559	$\frac{48}{559}$	$\frac{73}{559}$	$\frac{79}{559}$	$\frac{243}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_{1}^{2}$
19184	560	678	$\frac{8}{113}$	$\frac{15}{113}$	$\frac{1}{6}$	$\frac{49}{113}$	$\Phi_{678}\ \Phi_{339}\ \Phi_{226}$
19185	560	705	$\frac{8}{141}$	$\frac{19}{141}$	$\frac{1}{5}$	$\frac{61}{141}$	$\Phi_{705}\ \Phi_{235}\ \Phi_{15}$
19186	560	559	$\frac{20}{559}$	$\frac{77}{559}$	$\frac{159}{559}$	$\frac{241}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_{1}^{2}$
19187	560	843	$\frac{8}{281}$	$\frac{39}{281}$	$\frac{1}{3}$	$\frac{121}{281}$	Φ_{843}
19188	560	252	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{252}^{2}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{4}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{18}^{4}\ \Phi_{14}^{2}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
19189	560	203	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{203}^{3}\ \Phi_{29}^{2}$
19190	560	322	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{11}{46}$	$\frac{3}{7}$	$\Phi_{322}^{2}\ \Phi_{161}\ \Phi_{46}^{4}\ \Phi_{23}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
19191	560	483	$\frac{4}{69}$	$\frac{1}{7}$	$\frac{13}{69}$	$\frac{3}{7}$	$\Phi_{483}\ \Phi_{161}\ \Phi_{69}^{2}\ \Phi_{23}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
19192	560	210	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{210}^{3}\ \Phi_{105}^{2}\ \Phi_{70}^{3}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{6}\ \Phi_{21}\ \Phi_{15}^{4}\ \Phi_{14}^{2}\ \Phi_{10}^{6}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
19193	560	161	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{161}^{3}\ \Phi_{23}^{6}\ \Phi_{7}^{4}\ \Phi_{1}^{8}$
19194	560	616	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{88}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}$
19195	560	559	$\frac{23}{559}$	$\frac{85}{559}$	$\frac{134}{559}$	$\frac{237}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_{1}^{2}$
19196	560	492	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{492}^{2}\ \Phi_{164}^{2}\ \Phi_{123}$
19197	560	948	$\frac{3}{79}$	$\frac{1}{6}$	$\frac{19}{79}$	$\frac{5}{12}$	$\Phi_{948}\ \Phi_{316}\ \Phi_{79}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
19198	560	420	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{420}^{3}\ \Phi_{140}^{3}\ \Phi_{105}\ \Phi_{60}^{2}\ \Phi_{35}\ \Phi_{20}^{2}\ \Phi_{15}$
19199	560	948	$\frac{4}{79}$	$\frac{1}{6}$	$\frac{15}{79}$	$\frac{5}{12}$	$\Phi_{948}\ \Phi_{316}\ \Phi_{79}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
19200	560	204	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{204}^{5}\ \Phi_{102}\ \Phi_{68}^{5}\ \Phi_{51}\ \Phi_{34}$
19201	560	948	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{948}\ \Phi_{316}\ \Phi_{79}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
19202	560	396	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{396}^{3}\ \Phi_{132}^{2}\ \Phi_{99}\ \Phi_{44}^{2}\ \Phi_{33}$
19203	560	615	$\frac{1}{15}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{615}\ \Phi_{205}\ \Phi_{123}$
19204	560	559	$\frac{41}{559}$	$\frac{74}{559}$	$\frac{97}{559}$	$\frac{231}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_{1}^{2}$
19205	560	612	$\frac{1}{36}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
19206	560	559	$\frac{47}{559}$	$\frac{64}{559}$	$\frac{99}{559}$	$\frac{230}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_{1}^{2}$
19207	560	639	$\frac{6}{71}$	$\frac{1}{9}$	$\frac{13}{71}$	$\frac{29}{71}$	$\Phi_{639}\ \Phi_{213}$
19208	560	216	$\frac{2}{27}$	$\frac{1}{8}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{216}^{3}\ \Phi_{108}^{3}\ \Phi_{72}^{3}\ \Phi_{54}^{3}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
19209	560	559	$\frac{34}{559}$	$\frac{83}{559}$	$\frac{105}{559}$	$\frac{227}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_{1}^{2}$
19210	560	235	$\frac{2}{47}$	$\frac{9}{47}$	$\frac{1}{5}$	$\frac{19}{47}$	$\Phi_{235}^{3}\ \Phi_{5}^{2}$
19211	560	559	$\frac{14}{559}$	$\frac{109}{559}$	$\frac{167}{559}$	$\frac{225}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_{1}^{2}$
19212	560	843	$\frac{6}{281}$	$\frac{55}{281}$	$\frac{1}{3}$	$\frac{113}{281}$	Φ_{843}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
19213	560	410	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{410}^2\ \Phi_{205}\ \Phi_{82}^2$
19214	560	559	$\frac{24}{559}$	$\frac{107}{559}$	$\frac{113}{559}$	$\frac{223}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_1^2$
19215	560	559	$\frac{34}{559}$	$\frac{75}{559}$	$\frac{121}{559}$	$\frac{219}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_1^2$
19216	560	615	$\frac{1}{15}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{615}\ \Phi_{205}\ \Phi_{123}$
19217	560	559	$\frac{49}{559}$	$\frac{51}{559}$	$\frac{127}{559}$	$\frac{216}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_1^2$
19218	560	627	$\frac{5}{57}$	$\frac{1}{11}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{627}\ \Phi_{209}\ \Phi_{33}$
19219	560	39	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{39}^{16}\ \Phi_{13}^{11}\ \Phi_3^{16}\ \Phi_1^{12}$
19220	560	559	$\frac{35}{559}$	$\frac{69}{559}$	$\frac{131}{559}$	$\frac{214}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_1^2$
19221	560	648	$\frac{5}{81}$	$\frac{1}{8}$	$\frac{19}{81}$	$\frac{31}{81}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
19222	560	678	$\frac{5}{113}$	$\frac{1}{6}$	$\frac{27}{113}$	$\frac{43}{113}$	$\Phi_{678}\ \Phi_{339}\ \Phi_{226}$
19223	560	559	$\frac{11}{559}$	$\frac{137}{559}$	$\frac{174}{559}$	$\frac{211}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_1^2$
19224	560	843	$\frac{5}{281}$	$\frac{69}{281}$	$\frac{1}{3}$	$\frac{106}{281}$	Φ_{843}
19225	560	456	$\frac{1}{57}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{456}^2\ \Phi_{152}^2\ \Phi_{57}^2\ \Phi_{24}\ \Phi_{19}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
19226	560	296	$\frac{1}{37}$	$\frac{9}{37}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{296}^3\ \Phi_{37}^3\ \Phi_8^4\ \Phi_1^4$
19227	560	1160	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1160}\ \Phi_{145}$
19228	560	296	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{296}^3\ \Phi_{37}^3\ \Phi_8^4\ \Phi_1^4$
19229	560	136	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{136}^4\ \Phi_{68}^5\ \Phi_{34}^5\ \Phi_{17}^4$
19230	560	888	$\frac{7}{111}$	$\frac{13}{111}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{888}\ \Phi_{296}\ \Phi_{111}\ \Phi_{37}\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
19231	560	360	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^3\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
19232	560	918	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{918}\ \Phi_{306}\ \Phi_{153}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
19233	560	43	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{43}^{13}\ \Phi_1^{14}$
19234	560	429	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{131}{429}$	$\frac{149}{429}$	$\Phi_{429}\ \Phi_{143}^2\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
19235	560	213	$\frac{1}{71}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{213}^3\ \Phi_{71}^2$
19236	560	417	$\frac{3}{139}$	$\frac{34}{139}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{417}\ \Phi_{139}^2\ \Phi_3^2\ \Phi_1^4$
19237	560	369	$\frac{1}{41}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{369}^2\ \Phi_{123}$
19238	560	180	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
19239	560	417	$\frac{4}{139}$	$\frac{27}{139}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{417}\ \Phi_{139}^2\ \Phi_3^2\ \Phi_1^4$
19240	560	174	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{174}^4\ \Phi_{87}^3\ \Phi_{58}^4\ \Phi_{29}^2$
19241	560	417	$\frac{6}{139}$	$\frac{19}{139}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{417}\ \Phi_{139}^2\ \Phi_3^2\ \Phi_1^4$
19242	560	168	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{168}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
19243	560	417	$\frac{9}{139}$	$\frac{13}{139}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{417}\ \Phi_{139}^2\ \Phi_3^2\ \Phi_1^4$
19244	560	165	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}^4\ \Phi_{55}^4\ \Phi_{33}^3\ \Phi_{11}^2$
19245	560	1035	$\frac{2}{69}$	$\frac{1}{5}$	$\frac{67}{207}$	$\frac{1}{3}$	$\Phi_{1035}\ \Phi_{45}\ \Phi_{15}$
19246	560	936	$\frac{2}{39}$	$\frac{1}{8}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
19247	560	153	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{153}^4\ \Phi_{51}^3\ \Phi_{17}^2\ \Phi_9^6\ \Phi_3^4\ \Phi_1^4$
19248	560	891	$\frac{2}{27}$	$\frac{1}{11}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{891}\ \Phi_{33}$
19249	560	783	$\frac{1}{29}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{783}\ \Phi_{87}$
19250	560	711	$\frac{3}{79}$	$\frac{2}{9}$	$\frac{19}{79}$	$\frac{1}{3}$	$\Phi_{711}\ \Phi_{79}\ \Phi_9^2\ \Phi_1^2$
19251	560	690	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{11}{46}$	$\frac{1}{3}$	$\Phi_{690}^2\ \Phi_{345}\ \Phi_{30}^2\ \Phi_{15}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
19252	560	330	$\frac{3}{55}$	$\frac{1}{6}$	$\frac{13}{55}$	$\frac{1}{3}$	$\Phi_{330}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
19253	560	843	$\frac{17}{281}$	$\frac{43}{281}$	$\frac{66}{281}$	$\frac{1}{3}$	Φ_{843}
19254	560	312	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_6^4$
19255	560	843	$\frac{25}{281}$	$\frac{31}{281}$	$\frac{64}{281}$	$\frac{1}{3}$	Φ_{843}
19256	560	315	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{315}^3\ \Phi_{105}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{15}$
19257	560	711	$\frac{4}{79}$	$\frac{15}{79}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{711}\ \Phi_{79}\ \Phi_9^2\ \Phi_1^2$
19258	560	306	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{306}^3\ \Phi_{153}^2\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
19259	560	711	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{711}\ \Phi_{79}\ \Phi_9^2\ \Phi_1^2$
19260	560	99	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{99}^6\ \Phi_{33}^7\ \Phi_{11}^6$
19261	560	843	$\frac{22}{281}$	$\frac{37}{281}$	$\frac{61}{281}$	$\frac{1}{3}$	Φ_{843}
19262	560	285	$\frac{1}{15}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{285}^2\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{19}^2\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
19263	560	843	$\frac{16}{281}$	$\frac{53}{281}$	$\frac{57}{281}$	$\frac{1}{3}$	Φ_{843}
19264	560	345	$\frac{4}{69}$	$\frac{13}{69}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{345}^2\ \Phi_{115}^2\ \Phi_{15}^3\ \Phi_5^2$
19265	560	30	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{30}^{22}\ \Phi_{15}^{15}\ \Phi_{10}^{22}\ \Phi_6^{24}\ \Phi_5^{14}\ \Phi_3^{16}\ \Phi_2^{24}\ \Phi_1^{16}$
19266	560	345	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{345}^3\ \Phi_{15}^4$
19267	560	1320	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}$
19268	560	312	$\frac{4}{39}$	$\frac{1}{8}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
19269	560	843	$\frac{31}{281}$	$\frac{33}{281}$	$\frac{50}{281}$	$\frac{1}{3}$	Φ_{843}
19270	560	153	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{153}^4\ \Phi_{51}^2\ \Phi_{17}^4\ \Phi_9^6\ \Phi_3^3\ \Phi_1^6$
19271	560	843	$\frac{29}{281}$	$\frac{36}{281}$	$\frac{49}{281}$	$\frac{1}{3}$	Φ_{843}
19272	560	66	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{66}^{10}\ \Phi_{33}^7\ \Phi_{22}^{10}\ \Phi_{11}^6\ \Phi_6^{12}\ \Phi_3^8\ \Phi_2^{12}\ \Phi_1^8$
19273	560	330	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{330}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
19274	560	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{72}^{10}\ \Phi_{36}^{10}\ \Phi_{24}^7\ \Phi_{18}^4\ \Phi_{12}^7\ \Phi_9^6\ \Phi_8^6\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
19275	560	255	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{16}{51}$	$\Phi_{255}^3\ \Phi_{51}^4\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
19276	560	65	$\frac{1}{13}$	$\frac{9}{65}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{65}^{10}\ \Phi_{13}^3\ \Phi_5^{10}\ \Phi_1^4$
19277	560	39	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{3}{13}$	$\frac{11}{39}$	$\Phi_{39}^{20}\ \Phi_{13}^3\ \Phi_3^{20}\ \Phi_1^4$
19278	560	816	$\frac{1}{17}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
19279	560	209	$\frac{1}{11}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{209}^3\ \Phi_{11}^2$
19280	560	216	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{216}^4\ \Phi_{108}^4\ \Phi_{72}\ \Phi_{54}^4\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
19281	560	43	$\frac{3}{43}$	$\frac{8}{43}$	$\frac{10}{43}$	$\frac{11}{43}$	$\Phi_{43}^{13}\ \Phi_1^{14}$
19282	560	171	$\frac{1}{9}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{2}{9}$	$\Phi_{171}^3\ \Phi_{57}^3\ \Phi_{19}^4\ \Phi_9^6\ \Phi_3^6\ \Phi_1^8$
19283	560	90	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{90}^9\ \Phi_{45}^6\ \Phi_{30}^{10}\ \Phi_{15}^7\ \Phi_{10}^{10}\ \Phi_5^6$
19284	560	559	$\frac{63}{559}$	$\frac{87}{559}$	$\frac{118}{559}$	$\frac{124}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_1^2$
19285	560	678	$\frac{13}{113}$	$\frac{1}{6}$	$\frac{22}{113}$	$\frac{25}{113}$	$\Phi_{678}\ \Phi_{339}\ \Phi_{226}$
19286	560	559	$\frac{67}{559}$	$\frac{90}{559}$	$\frac{109}{559}$	$\frac{123}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_1^2$
19287	560	705	$\frac{17}{141}$	$\frac{22}{141}$	$\frac{1}{5}$	$\frac{31}{141}$	$\Phi_{705}\ \Phi_{235}\ \Phi_{15}$
19288	560	760	$\frac{1}{8}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
19289	560	648	$\frac{1}{8}$	$\frac{13}{81}$	$\frac{16}{81}$	$\frac{17}{81}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
19290	560	559	$\frac{64}{559}$	$\frac{99}{559}$	$\frac{111}{559}$	$\frac{115}{559}$	$\Phi_{559}\ \Phi_{43}\ \Phi_{13}\ \Phi_1^2$
19291	560	705	$\frac{16}{141}$	$\frac{25}{141}$	$\frac{1}{5}$	$\frac{29}{141}$	$\Phi_{705}\ \Phi_{235}\ \Phi_{15}$
19292	560	85	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{85}^6\ \Phi_{17}^8\ \Phi_5^9\ \Phi_1^{12}$
19293	560	120	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^8\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^8\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
19294	561	896	$\frac{1}{112}$	$\frac{113}{448}$	$\frac{335}{896}$	$\frac{111}{224}$	$\Phi_{896}\ \Phi_{224}\ \Phi_{128}\ \Phi_{32}\ \Phi_1$
19295	561	320	$\frac{1}{80}$	$\frac{27}{160}$	$\frac{133}{320}$	$\frac{79}{160}$	$\Phi_{320}^3\ \Phi_{160}\ \Phi_{64}^3\ \Phi_{32}\ \Phi_1$
19296	561	752	$\frac{3}{188}$	$\frac{1}{4}$	$\frac{191}{752}$	$\frac{185}{376}$	$\Phi_{752}\ \Phi_{188}\ \Phi_{94}\ \Phi_{47}\ \Phi_{16}\ \Phi_1$
19297	561	368	$\frac{3}{184}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{181}{368}$	$\Phi_{368}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
19298	561	100	$\frac{1}{50}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{49}{100}$	$\Phi_{100}\ \Phi_{50}^{10}\ \Phi_{25}^{10}\ \Phi_{20}^2\ \Phi_{10}^{10}\ \Phi_5^{10}\ \Phi_4^2\ \Phi_2^{10}\ \Phi_1^{11}$
19299	561	300	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{49}{100}$	$\Phi_{300}^5\ \Phi_{100}\ \Phi_{60}^5\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^5\ \Phi_4\ \Phi_3\ \Phi_1$
19300	561	364	$\frac{5}{182}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{177}{364}$	$\Phi_{364}^3\ \Phi_{52}^3\ \Phi_{28}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
19301	561	64	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{31}{64}$	$\Phi_{64}^{17}\ \Phi_{32}\ \Phi_1$
19302	561	192	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{31}{64}$	$\Phi_{192}^8\ \Phi_{64}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
19303	561	320	$\frac{1}{32}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{320}^4\ \Phi_{64}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
19304	561	252	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{65}{252}$	$\frac{61}{126}$	$\Phi_{252}^3\ \Phi_{84}^3\ \Phi_{63}^3\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
19305	561	360	$\frac{7}{180}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{173}{360}$	$\Phi_{360}^3\ \Phi_{120}^3\ \Phi_{72}^3\ \Phi_{40}^3\ \Phi_{24}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
19306	561	98	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{47}{98}$	$\Phi_{98}^4\ \Phi_{49}^7\ \Phi_{14}^6\ \Phi_7^8\ \Phi_2^6\ \Phi_1^9$
19307	561	760	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{199}{760}$	$\frac{181}{380}$	$\Phi_{760}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{40}\ \Phi_{38}\ \Phi_{19}\ \Phi_8\ \Phi_1$
19308	561	21	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{10}{21}$	$\Phi_{21}^{27}\ \Phi_7^{26}\ \Phi_3^{27}\ \Phi_1^{27}$
19309	561	32	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{15}{32}$	$\Phi_{32}^{33}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
19310	561	96	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{96}^{12}\ \Phi_{32}^9\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
19311	561	160	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{15}{32}$	$\Phi_{160}^8\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
19312	561	256	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{69}{256}$	$\frac{59}{128}$	$\Phi_{256}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
19313	561	210	$\frac{2}{21}$	$\frac{23}{210}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_3^3\ \Phi_1^3$
19314	561	1024	$\frac{1}{16}$	$\frac{49}{512}$	$\frac{15}{64}$	$\frac{463}{1024}$	$\Phi_{1024}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
19315	561	100	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{8}{25}$	$\frac{9}{20}$	$\Phi_{100}^{10}\ \Phi_{25}^2\ \Phi_{20}^{11}\ \Phi_5^2\ \Phi_4^{11}\ \Phi_1^3$
19316	561	180	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{180}^2\ \Phi_{90}^4\ \Phi_{60}^2\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}\ \Phi_{18}^5\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_9^5\ \Phi_6^5\ \Phi_5^2\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
19317	561	220	$\frac{4}{55}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{220}^5\ \Phi_{55}\ \Phi_{44}^5\ \Phi_{20}\ \Phi_{11}\ \Phi_4\ \Phi_1$
19318	561	20	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{9}{20}$	$\Phi_{20}^{24}\ \Phi_{10}^{32}\ \Phi_5^{32}\ \Phi_4^{24}\ \Phi_2^{32}\ \Phi_1^{33}$
19319	561	336	$\frac{1}{28}$	$\frac{19}{168}$	$\frac{9}{28}$	$\frac{149}{336}$	$\Phi_{336}^3\ \Phi_{112}^3\ \Phi_{48}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
19320	561	336	$\frac{2}{21}$	$\frac{19}{168}$	$\frac{1}{7}$	$\frac{149}{336}$	$\Phi_{336}^3\ \Phi_{112}^3\ \Phi_{48}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
19321	561	510	$\frac{1}{34}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{102}^2\ \Phi_{85}\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{17}\ \Phi_{15}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
19322	561	784	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{223}{784}$	$\frac{169}{392}$	$\Phi_{784}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{49}\ \Phi_{16}\ \Phi_1$
19323	561	105	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{105}^7\ \Phi_{35}^3\ \Phi_{21}^5\ \Phi_{15}^7\ \Phi_7^2\ \Phi_5^3\ \Phi_3^5\ \Phi_1^3$
19324	561	408	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{408}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
19325	561	320	$\frac{1}{40}$	$\frac{27}{160}$	$\frac{13}{40}$	$\frac{133}{320}$	$\Phi_{320}^3\ \Phi_{64}^3\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
19326	561	320	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{27}{160}$	$\frac{133}{320}$	$\Phi_{320}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
19327	561	800	$\frac{1}{40}$	$\frac{39}{200}$	$\frac{239}{800}$	$\frac{161}{400}$	$\Phi_{800}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
19328	561	140	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{140}^{7}\,\Phi_{35}^{3}\,\Phi_{28}^{5}\,\Phi_{20}^{7}\,\Phi_{7}^{2}\,\Phi_{5}^{3}\,\Phi_{4}^{5}\,\Phi_{1}^{3}$
19329	561	468	$\frac{1}{52}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{468}\,\Phi_{234}\,\Phi_{156}^{2}\,\Phi_{117}\,\Phi_{78}^{2}\,\Phi_{52}\,\Phi_{39}^{2}\,\Phi_{36}\,\Phi_{26}\,\Phi_{13}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
19330	561	640	$\frac{1}{16}$	$\frac{79}{640}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{640}\,\Phi_{320}\,\Phi_{160}\,\Phi_{80}\,\Phi_{64}\,\Phi_{40}\,\Phi_{32}\,\Phi_{20}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
19331	561	208	$\frac{1}{52}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{208}^{4}\,\Phi_{52}^{3}\,\Phi_{26}^{3}\,\Phi_{16}^{3}\,\Phi_{13}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
19332	561	192	$\frac{5}{192}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{192}^{3}\,\Phi_{96}^{3}\,\Phi_{64}^{3}\,\Phi_{48}^{3}\,\Phi_{32}^{3}\,\Phi_{24}^{3}\,\Phi_{16}^{3}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
19333	561	168	$\frac{1}{12}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^{4}\,\Phi_{84}^{4}\,\Phi_{56}^{3}\,\Phi_{42}^{4}\,\Phi_{28}^{3}\,\Phi_{21}^{4}\,\Phi_{14}^{3}\,\Phi_{12}^{3}\,\Phi_{7}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
19334	561	196	$\frac{9}{196}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{196}^{3}\,\Phi_{98}^{3}\,\Phi_{49}^{3}\,\Phi_{28}^{3}\,\Phi_{7}^{2}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
19335	561	288	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{43}{144}$	$\frac{101}{288}$	$\Phi_{288}^{3}\,\Phi_{96}^{3}\,\Phi_{48}^{3}\,\Phi_{32}^{3}\,\Phi_{24}^{3}\,\Phi_{16}^{2}\,\Phi_{12}^{3}\,\Phi_{8}^{2}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
19336	561	200	$\frac{13}{200}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{200}^{3}\,\Phi_{100}^{3}\,\Phi_{50}^{3}\,\Phi_{40}^{3}\,\Phi_{25}^{3}\,\Phi_{10}^{2}\,\Phi_{8}^{3}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
19337	561	156	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{156}^{4}\,\Phi_{78}^{4}\,\Phi_{52}^{4}\,\Phi_{39}^{4}\,\Phi_{26}\,\Phi_{13}^{3}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
19338	561	224	$\frac{1}{28}$	$\frac{37}{224}$	$\frac{9}{28}$	$\frac{19}{56}$	$\Phi_{224}^{3}\,\Phi_{112}^{3}\,\Phi_{32}^{3}\,\Phi_{28}^{2}\,\Phi_{16}^{3}\,\Phi_{14}^{2}\,\Phi_{7}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
19339	561	240	$\frac{1}{40}$	$\frac{53}{240}$	$\frac{13}{40}$	$\frac{27}{80}$	$\Phi_{240}^{3}\,\Phi_{120}^{3}\,\Phi_{60}^{3}\,\Phi_{48}^{3}\,\Phi_{40}^{2}\,\Phi_{30}^{3}\,\Phi_{24}^{3}\,\Phi_{20}^{2}\,\Phi_{15}^{3}\,\Phi_{12}^{3}\,\Phi_{10}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{3}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
19340	561	564	$\frac{1}{47}$	$\frac{1}{4}$	$\frac{46}{141}$	$\frac{95}{282}$	$\Phi_{564}\,\Phi_{188}^{2}\,\Phi_{141}\,\Phi_{94}\,\Phi_{47}\,\Phi_{12}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
19341	561	280	$\frac{1}{70}$	$\frac{23}{70}$	$\frac{93}{280}$	$\frac{47}{140}$	$\Phi_{280}^{3}\,\Phi_{70}^{2}\,\Phi_{56}^{3}\,\Phi_{40}^{3}\,\Phi_{35}^{2}\,\Phi_{14}^{2}\,\Phi_{10}^{2}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
19342	561	276	$\frac{3}{92}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{89}{276}$	$\Phi_{276}^{3}\,\Phi_{138}^{3}\,\Phi_{69}^{3}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
19343	561	252	$\frac{1}{28}$	$\frac{19}{84}$	$\frac{65}{252}$	$\frac{9}{28}$	$\Phi_{252}^{3}\,\Phi_{126}^{3}\,\Phi_{63}^{3}\,\Phi_{36}^{3}\,\Phi_{28}^{2}\,\Phi_{18}^{3}\,\Phi_{14}^{2}\,\Phi_{9}^{3}\,\Phi_{7}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
19344	561	75	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{8}{25}$	$\Phi_{75}^{10}\,\Phi_{25}^{2}\,\Phi_{15}^{11}\,\Phi_{5}^{2}\,\Phi_{3}^{11}\,\Phi_{1}^{3}$
19345	561	273	$\frac{5}{91}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{86}{273}$	$\Phi_{273}^{3}\,\Phi_{39}^{3}\,\Phi_{21}^{3}\,\Phi_{7}^{2}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
19346	561	48	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{5}{16}$	$\Phi_{48}^{16}\,\Phi_{24}^{17}\,\Phi_{16}^{2}\,\Phi_{12}^{17}\,\Phi_{8}^{2}\,\Phi_{6}^{17}\,\Phi_{4}^{2}\,\Phi_{3}^{17}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
19347	561	80	$\frac{1}{16}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{80}^{8}\,\Phi_{40}^{8}\,\Phi_{20}^{9}\,\Phi_{16}^{2}\,\Phi_{10}^{9}\,\Phi_{8}^{2}\,\Phi_{5}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
19348	561	64	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{5}{16}$	$\Phi_{64}^{11}\,\Phi_{32}^{11}\,\Phi_{16}^{2}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
19349	561	270	$\frac{7}{90}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{83}{270}$	$\Phi_{270}^{3}\,\Phi_{135}^{3}\,\Phi_{54}^{3}\,\Phi_{27}^{3}\,\Phi_{10}^{2}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
19350	561	210	$\frac{1}{10}$	$\frac{23}{210}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{210}^{3}\,\Phi_{105}^{3}\,\Phi_{70}^{3}\,\Phi_{42}^{3}\,\Phi_{35}^{3}\,\Phi_{21}^{3}\,\Phi_{14}^{3}\,\Phi_{10}^{2}\,\Phi_{7}^{3}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
19351	561	240	$\frac{1}{10}$	$\frac{7}{60}$	$\frac{53}{240}$	$\frac{3}{10}$	$\Phi_{240}^{3}\,\Phi_{120}^{3}\,\Phi_{80}^{3}\,\Phi_{48}^{3}\,\Phi_{40}^{3}\,\Phi_{24}^{3}\,\Phi_{16}^{3}\,\Phi_{10}^{2}\,\Phi_{8}^{3}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
19352	561	24	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{24}^{21}\,\Phi_{12}^{24}\,\Phi_{8}^{24}\,\Phi_{6}^{24}\,\Phi_{4}^{26}\,\Phi_{3}^{24}\,\Phi_{2}^{26}\,\Phi_{1}^{27}$
19353	561	120	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{7}{24}$	$\Phi_{120}^{8}\,\Phi_{60}^{8}\,\Phi_{40}\,\Phi_{30}^{8}\,\Phi_{24}\,\Phi_{20}\,\Phi_{15}^{8}\,\Phi_{12}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
19354	561	56	$\frac{5}{56}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{56}^{11}\,\Phi_{28}^{11}\,\Phi_{14}^{6}\,\Phi_{8}^{11}\,\Phi_{7}^{8}\,\Phi_{4}^{11}\,\Phi_{2}^{6}\,\Phi_{1}^{9}$
19355	561	256	$\frac{1}{16}$	$\frac{49}{256}$	$\frac{15}{64}$	$\frac{69}{256}$	$\Phi_{256}^{2}\,\Phi_{128}^{2}\,\Phi_{64}^{3}\,\Phi_{32}^{3}\,\Phi_{16}^{2}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
19356	561	180	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{180}^{4}\,\Phi_{90}^{2}\,\Phi_{60}^{3}\,\Phi_{45}^{2}\,\Phi_{36}^{6}\,\Phi_{30}\,\Phi_{20}^{4}\,\Phi_{18}^{3}\,\Phi_{15}^{2}\,\Phi_{12}^{5}\,\Phi_{10}^{2}\,\Phi_{9}^{3}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{5}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
19357	561	165	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{165}^{5}\,\Phi_{55}\,\Phi_{33}^{5}\,\Phi_{15}\,\Phi_{11}\,\Phi_{3}\,\Phi_{1}$
19358	561	75	$\frac{7}{75}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{75}^{7}\,\Phi_{25}^{8}\,\Phi_{15}^{8}\,\Phi_{5}^{8}\,\Phi_{3}^{8}\,\Phi_{1}^{9}$
19359	561	60	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{60}^{15}\,\Phi_{30}^{10}\,\Phi_{20}^{3}\,\Phi_{15}^{11}\,\Phi_{12}^{15}\,\Phi_{10}^{2}\,\Phi_{6}^{10}\,\Phi_{5}^{2}\,\Phi_{4}^{3}\,\Phi_{3}^{11}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
19360	561	252	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{84}$	$\frac{65}{252}$	$\Phi_{252}^{3}\,\Phi_{126}^{3}\,\Phi_{63}^{3}\,\Phi_{36}^{3}\,\Phi_{21}^{3}\,\Phi_{18}^{3}\,\Phi_{9}^{3}\,\Phi_{7}^{2}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
19361	561	60	$\frac{1}{12}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{60}^{12}\,\Phi_{30}^{12}\,\Phi_{20}^{9}\,\Phi_{15}^{12}\,\Phi_{12}^{3}\,\Phi_{10}^{9}\,\Phi_{6}^{3}\,\Phi_{5}^{9}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
19362	561	192	$\frac{1}{12}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{192}^{4}\,\Phi_{96}^{4}\,\Phi_{64}^{3}\,\Phi_{32}^{3}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
19363	561	40	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{40}^{13}\,\Phi_{20}^{14}\,\Phi_{10}^{14}\,\Phi_{8}^{16}\,\Phi_{5}^{14}\,\Phi_{4}^{16}\,\Phi_{2}^{16}\,\Phi_{1}^{17}$
19364	562	558	$\frac{2}{279}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{277}{558}$	$\Phi_{558}^{2}\,\Phi_{186}^{2}\,\Phi_{62}^{2}\,\Phi_{18}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
19365	562	1128	$\frac{1}{94}$	$\frac{95}{376}$	$\frac{1}{3}$	$\frac{93}{188}$	$\Phi_{1128}\,\Phi_{282}\,\Phi_{141}\,\Phi_{24}\,\Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
19366	562	552	$\frac{5}{276}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{271}{552}$	$\Phi_{552}^2\ \Phi_{184}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19367	562	510	$\frac{1}{51}$	$\frac{26}{255}$	$\frac{229}{510}$	$\frac{25}{51}$	$\Phi_{510}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{17}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19368	562	550	$\frac{6}{275}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{269}{550}$	$\Phi_{550}^2\ \Phi_{110}^2\ \Phi_{50}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_2^2\ \Phi_1^2$
19369	562	528	$\frac{1}{33}$	$\frac{17}{264}$	$\frac{247}{528}$	$\frac{16}{33}$	$\Phi_{528}^2\ \Phi_{176}^2\ \Phi_{48}^2\ \Phi_{33}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
19370	562	396	$\frac{1}{33}$	$\frac{17}{132}$	$\frac{115}{396}$	$\frac{16}{33}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
19371	562	330	$\frac{1}{33}$	$\frac{49}{330}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
19372	562	544	$\frac{9}{272}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{263}{544}$	$\Phi_{544}^2\ \Phi_{32}^2\ \Phi_{17}\ \Phi_1^2$
19373	562	408	$\frac{1}{17}$	$\frac{9}{136}$	$\frac{127}{408}$	$\frac{8}{17}$	$\Phi_{408}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
19374	562	306	$\frac{1}{17}$	$\frac{25}{306}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
19375	562	340	$\frac{1}{17}$	$\frac{9}{68}$	$\frac{59}{340}$	$\frac{8}{17}$	$\Phi_{340}^2\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
19376	562	528	$\frac{17}{264}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{247}{528}$	$\Phi_{528}^2\ \Phi_{176}^2\ \Phi_{48}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
19377	562	330	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{49}{330}$	$\frac{5}{11}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
19378	562	495	$\frac{1}{33}$	$\frac{67}{495}$	$\frac{32}{99}$	$\frac{214}{495}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}^2\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
19379	562	396	$\frac{1}{33}$	$\frac{16}{99}$	$\frac{115}{396}$	$\frac{83}{198}$	$\Phi_{396}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
19380	562	288	$\frac{7}{288}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19381	562	1410	$\frac{1}{47}$	$\frac{46}{235}$	$\frac{1}{3}$	$\frac{189}{470}$	$\Phi_{1410}\ \Phi_{282}\ \Phi_{141}\ \Phi_{30}\ \Phi_6$
19382	562	459	$\frac{1}{51}$	$\frac{103}{459}$	$\frac{50}{153}$	$\frac{178}{459}$	$\Phi_{459}\ \Phi_{153}^2\ \Phi_{51}\ \Phi_{27}\ \Phi_{17}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
19383	562	308	$\frac{27}{308}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{308}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_2^2\ \Phi_1^2$
19384	562	408	$\frac{1}{51}$	$\frac{25}{102}$	$\frac{127}{408}$	$\frac{77}{204}$	$\Phi_{408}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19385	562	429	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{133}{429}$	$\frac{148}{429}$	$\Phi_{429}\ \Phi_{143}^2\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}^2\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
19386	562	423	$\frac{2}{141}$	$\frac{139}{423}$	$\frac{1}{3}$	$\frac{142}{423}$	$\Phi_{423}\ \Phi_{141}^2\ \Phi_{47}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
19387	562	372	$\frac{2}{93}$	$\frac{91}{372}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{372}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19388	562	288	$\frac{7}{288}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19389	562	414	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{133}{414}$	$\frac{1}{3}$	$\Phi_{414}^2\ \Phi_{207}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19390	562	396	$\frac{1}{11}$	$\frac{17}{132}$	$\frac{5}{22}$	$\frac{115}{396}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{36}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
19391	562	330	$\frac{1}{11}$	$\frac{49}{330}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
19392	562	352	$\frac{1}{11}$	$\frac{17}{88}$	$\frac{71}{352}$	$\frac{5}{22}$	$\Phi_{352}^2\ \Phi_{176}^2\ \Phi_{32}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
19393	564	840	$\frac{1}{140}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{139}{280}$	$\Phi_{840}\ \Phi_{280}^2\ \Phi_{168}\ \Phi_{120}\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
19394	564	465	$\frac{1}{93}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{46}{93}$	$\Phi_{465}\ \Phi_{155}\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
19395	564	372	$\frac{1}{93}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{46}{93}$	$\Phi_{372}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
19396	564	563	$\frac{7}{563}$	$\frac{95}{563}$	$\frac{234}{563}$	$\frac{278}{563}$	$\Phi_{563}\ \Phi_1^2$
19397	564	252	$\frac{1}{63}$	$\frac{1}{4}$	$\frac{16}{63}$	$\frac{31}{63}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{18}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
19398	564	563	$\frac{9}{563}$	$\frac{140}{563}$	$\frac{143}{563}$	$\frac{277}{563}$	$\Phi_{563}\ \Phi_1^2$
19399	564	849	$\frac{5}{283}$	$\frac{48}{283}$	$\frac{1}{3}$	$\frac{139}{283}$	Φ_{849}
19400	564	1012	$\frac{1}{46}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{45}{92}$	$\Phi_{1012}\ \Phi_{92}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
19401	564	1932	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{1932}\ \Phi_{84}\ \Phi_{21}$
19402	564	1012	$\frac{1}{46}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{45}{92}$	$\Phi_{1012}\ \Phi_{92}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
19403	564	460	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{45}{92}$	$\Phi_{460}\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
19404	564	364	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{44}{91}$	$\Phi_{364}^2\ \Phi_{182}^2\ \Phi_{52}^2\ \Phi_{28}^3\ \Phi_{26}^2\ \Phi_{14}^3\ \Phi_4^2\ \Phi_2^2$
19405	564	108	$\frac{1}{27}$	$\frac{7}{54}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{108}^7\ \Phi_{54}^3\ \Phi_{36}^7\ \Phi_{27}^4\ \Phi_{18}^3\ \Phi_{12}^7\ \Phi_9^4\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
19406	564	1170	$\frac{2}{45}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{1170}\ \Phi_{390}\ \Phi_{234}\ \Phi_{130}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
19407	564	180	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{43}{90}$	$\Phi_{180}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{36}^5\ \Phi_{20}^4\ \Phi_{18}\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_9^4\ \Phi_6\ \Phi_5^4\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
19408	564	630	$\frac{2}{45}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{43}{90}$	$\Phi_{630}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{14}^2$
19409	564	420	$\frac{1}{21}$	$\frac{11}{105}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
19410	564	399	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{399}^2\ \Phi_{133}\ \Phi_{21}^2$
19411	564	832	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{832}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
19412	564	1144	$\frac{3}{44}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{1144}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
19413	564	759	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{22}{69}$	$\frac{5}{11}$	$\Phi_{759}\ \Phi_{69}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
19414	564	396	$\frac{5}{99}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{22}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
19415	564	84	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{1}{4}$	$\frac{37}{84}$	$\Phi_{84}^5\ \Phi_{42}^9\ \Phi_{28}^5\ \Phi_{21}^8\ \Phi_{14}^9\ \Phi_{12}^5\ \Phi_7^8\ \Phi_6^9\ \Phi_4^4\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
19416	564	1092	$\frac{1}{13}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
19417	564	196	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{196}^4\ \Phi_{98}^4\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_4^2\ \Phi_2^2$
19418	564	324	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{1}{4}$	$\frac{34}{81}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
19419	564	1040	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{1040}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
19420	564	240	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^4\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^4\ \Phi_{20}^2\ \Phi_{16}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_8^4\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
19421	564	310	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{15}{62}$	$\frac{2}{5}$	$\Phi_{310}^2\ \Phi_{155}\ \Phi_{62}^4\ \Phi_{31}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^4\ \Phi_1^4$
19422	564	350	$\frac{3}{50}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{350}^2\ \Phi_{175}^2\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{14}^2$
19423	564	624	$\frac{1}{48}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
19424	564	532	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{9}{38}$	$\frac{29}{76}$	$\Phi_{532}^2\ \Phi_{133}\ \Phi_{28}^2$
19425	564	936	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
19426	564	563	$\frac{8}{563}$	$\frac{185}{563}$	$\frac{187}{563}$	$\frac{189}{563}$	$\Phi_{563}\ \Phi_1^2$
19427	564	849	$\frac{4}{283}$	$\frac{93}{283}$	$\frac{1}{3}$	$\frac{95}{283}$	Φ_{849}
19428	564	210	$\frac{1}{70}$	$\frac{23}{70}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^4\ \Phi_{42}^2\ \Phi_{35}^4\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
19429	564	48	$\frac{1}{48}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{48}^{12}\ \Phi_{24}^{12}\ \Phi_{16}^{12}\ \Phi_{12}^{11}\ \Phi_8^{12}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
19430	564	435	$\frac{4}{145}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{435}\ \Phi_{145}^2\ \Phi_{87}\ \Phi_{29}^2\ \Phi_3\ \Phi_1^2$
19431	564	525	$\frac{1}{35}$	$\frac{34}{175}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{525}\ \Phi_{175}^2\ \Phi_{75}\ \Phi_{25}^2\ \Phi_3\ \Phi_1^2$
19432	564	168	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{168}^3\ \Phi_{84}^2\ \Phi_{56}^6\ \Phi_{42}^2\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_8^6\ \Phi_7^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
19433	564	147	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{147}^3\ \Phi_{49}^6\ \Phi_{21}^2\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
19434	564	480	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
19435	564	150	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{150}^3\ \Phi_{75}^3\ \Phi_{50}^6\ \Phi_{30}^2\ \Phi_{25}^6\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
19436	564	462	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{462}\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
19437	564	1116	$\frac{2}{93}$	$\frac{1}{4}$	$\frac{91}{279}$	$\frac{1}{3}$	$\Phi_{1116}\ \Phi_{558}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
19438	564	483	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{483}\ \Phi_{161}^2\ \Phi_{21}^2\ \Phi_7^2$
19439	564	372	$\frac{1}{31}$	$\frac{15}{62}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{372}^3\ \Phi_{186}\ \Phi_{93}^2\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
19440	564	702	$\frac{1}{13}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{702}\ \Phi_{351}\ \Phi_{234}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
19441	564	780	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
19442	564	972	$\frac{1}{27}$	$\frac{55}{243}$	$\frac{1}{4}$	$\frac{26}{81}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
19443	564	759	$\frac{1}{23}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{22}{69}$	$\Phi_{759}\ \Phi_{69}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_{3}^2\ \Phi_{1}^2$
19444	564	1380	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{22}{69}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
19445	564	1092	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{85}{273}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
19446	564	540	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{41}{135}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
19447	564	945	$\frac{4}{45}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{41}{135}$	$\Phi_{945}\ \Phi_{189}\ \Phi_{35}$
19448	564	105	$\frac{11}{105}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{105}^5\ \Phi_{35}^6\ \Phi_{21}^5\ \Phi_{15}^6\ \Phi_{7}^5\ \Phi_{5}^6\ \Phi_{3}^6\ \Phi_{1}^6$
19449	564	252	$\frac{1}{21}$	$\frac{5}{21}$	$\frac{1}{4}$	$\frac{16}{63}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}^4\ \Phi_{28}\ \Phi_{18}^4\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
19450	564	108	$\frac{1}{9}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{108}^8\ \Phi_{54}^4\ \Phi_{36}^5\ \Phi_{27}^4\ \Phi_{18}\ \Phi_{12}^5\ \Phi_{9}^4\ \Phi_{6}\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{1}^4$
19451	564	900	$\frac{1}{9}$	$\frac{37}{225}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{50}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
19452	564	420	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{14}^2$
19453	565	224	$\frac{1}{112}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{111}{224}$	$\Phi_{224}^5\ \Phi_{32}^5\ \Phi_{8}\ \Phi_{1}$
19454	565	756	$\frac{2}{189}$	$\frac{191}{756}$	$\frac{1}{3}$	$\frac{187}{378}$	$\Phi_{756}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
19455	565	1116	$\frac{7}{558}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{551}{1116}$	$\Phi_{1116}\ \Phi_{372}\ \Phi_{124}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
19456	565	222	$\frac{2}{111}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{109}{222}$	$\Phi_{222}^2\ \Phi_{111}^3\ \Phi_{74}^2\ \Phi_{37}^3\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
19457	565	1104	$\frac{13}{552}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{539}{1104}$	$\Phi_{1104}\ \Phi_{368}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
19458	565	648	$\frac{2}{81}$	$\frac{83}{648}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
19459	565	456	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{39}{152}$	$\frac{37}{76}$	$\Phi_{456}^2\ \Phi_{152}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
19460	565	126	$\frac{2}{63}$	$\frac{13}{126}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{126}^4\ \Phi_{63}^5\ \Phi_{42}^4\ \Phi_{21}^5\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{9}^5\ \Phi_{7}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
19461	565	1092	$\frac{19}{546}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{527}{1092}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{156}\ \Phi_{84}\ \Phi_{52}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
19462	565	684	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{119}{684}$	$\frac{109}{228}$	$\Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
19463	565	216	$\frac{5}{108}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{103}{216}$	$\Phi_{216}^5\ \Phi_{72}^5\ \Phi_{27}\ \Phi_{24}^5\ \Phi_{9}\ \Phi_{8}^5\ \Phi_{1}$
19464	565	216	$\frac{5}{108}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{103}{216}$	$\Phi_{216}^5\ \Phi_{72}^5\ \Phi_{36}\ \Phi_{24}^5\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}^5\ \Phi_{1}$
19465	565	216	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{103}{216}$	$\Phi_{216}^5\ \Phi_{72}^5\ \Phi_{24}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
19466	565	768	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{203}{768}$	$\frac{181}{384}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
19467	565	1056	$\frac{37}{528}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{491}{1056}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
19468	565	594	$\frac{29}{594}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
19469	565	588	$\frac{23}{588}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{588}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{49}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
19470	565	1008	$\frac{2}{63}$	$\frac{61}{504}$	$\frac{1}{3}$	$\frac{443}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{63}\ \Phi_{48}\ \Phi_{21}\ \Phi_{16}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
19471	565	1008	$\frac{1}{12}$	$\frac{61}{504}$	$\frac{11}{72}$	$\frac{443}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
19472	565	972	$\frac{2}{81}$	$\frac{79}{486}$	$\frac{1}{3}$	$\frac{407}{972}$	$\Phi_{972}\ \Phi_{324}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
19473	565	120	$\frac{7}{120}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{120}^5\ \Phi_{60}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
19474	565	192	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{17}{96}$	$\frac{79}{192}$	$\Phi_{192}^5\ \Phi_{96}\ \Phi_{64}^5\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
19475	565	570	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{18}{95}$	$\frac{77}{190}$	$\Phi_{570}\ \Phi_{285}\ \Phi_{114}^2\ \Phi_{95}\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{30}\ \Phi_{19}\ \Phi_{15}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
19476	565	141	$\frac{2}{47}$	$\frac{9}{47}$	$\frac{28}{141}$	$\frac{19}{47}$	$\Phi_{141}^5\ \Phi_{47}^2\ \Phi_{3}^5\ \Phi_{1}^3$
19477	565	188	$\frac{2}{47}$	$\frac{9}{47}$	$\frac{19}{94}$	$\frac{75}{188}$	$\Phi_{188}^5\ \Phi_{47}^2\ \Phi_{4}^5\ \Phi_{1}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
19478	565	576	$\frac{11}{576}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
19479	565	912	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{109}{456}$	$\frac{347}{912}$	$\Phi_{912}\ \Phi_{304}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
19480	565	168	$\frac{1}{56}$	$\frac{1}{4}$	$\frac{55}{168}$	$\frac{3}{8}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{42}^5\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{12}^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
19481	565	576	$\frac{11}{576}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
19482	565	232	$\frac{3}{116}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{232}^4\ \Phi_{116}\ \Phi_{58}\ \Phi_{29}\ \Phi_8\ \Phi_1$
19483	565	280	$\frac{1}{28}$	$\frac{27}{140}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^4\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}^4\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
19484	565	672	$\frac{5}{112}$	$\frac{107}{672}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
19485	565	952	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{952}\ \Phi_{136}\ \Phi_{119}\ \Phi_{17}\ \Phi_8\ \Phi_1$
19486	565	120	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^5\ \Phi_{60}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_8\ \Phi_6^5\ \Phi_5^5\ \Phi_3^5\ \Phi_1$
19487	565	128	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{128}^5\ \Phi_{64}^5\ \Phi_{32}^5\ \Phi_8\ \Phi_1$
19488	565	504	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^2\ \Phi_{168}^2\ \Phi_{126}\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
19489	565	616	$\frac{51}{616}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
19490	565	864	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{133}{432}$	$\frac{299}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
19491	565	729	$\frac{2}{81}$	$\frac{164}{729}$	$\frac{79}{243}$	$\frac{1}{3}$	$\Phi_{729}\ \Phi_{81}\ \Phi_{27}\ \Phi_9\ \Phi_1$
19492	565	837	$\frac{7}{279}$	$\frac{2}{9}$	$\frac{272}{837}$	$\frac{1}{3}$	$\Phi_{837}\ \Phi_{27}\ \Phi_9\ \Phi_1$
19493	565	819	$\frac{19}{273}$	$\frac{2}{21}$	$\frac{254}{819}$	$\frac{1}{3}$	$\Phi_{819}\ \Phi_{117}\ \Phi_{63}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$
19494	565	162	$\frac{2}{27}$	$\frac{5}{54}$	$\frac{49}{162}$	$\frac{1}{3}$	$\Phi_{162}^5\ \Phi_{81}^5\ \Phi_{27}\ \Phi_9\ \Phi_1$
19495	565	756	$\frac{2}{63}$	$\frac{61}{252}$	$\frac{191}{756}$	$\frac{1}{3}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{108}\ \Phi_{63}\ \Phi_{54}\ \Phi_{27}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$
19496	565	648	$\frac{2}{27}$	$\frac{83}{648}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
19497	565	135	$\frac{2}{27}$	$\frac{22}{135}$	$\frac{5}{27}$	$\frac{1}{3}$	$\Phi_{135}^5\ \Phi_{45}^5\ \Phi_{27}\ \Phi_{15}^5\ \Phi_9\ \Phi_5^5\ \Phi_1$
19498	565	648	$\frac{1}{12}$	$\frac{83}{648}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
19499	565	144	$\frac{1}{12}$	$\frac{5}{36}$	$\frac{31}{144}$	$\frac{11}{36}$	$\Phi_{144}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}\ \Phi_{24}^5\ \Phi_{18}\ \Phi_{16}^5\ \Phi_9\ \Phi_8^5\ \Phi_1$
19500	565	162	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{49}{162}$	$\Phi_{162}^5\ \Phi_{81}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
19501	565	126	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{126}^5\ \Phi_{63}^5\ \Phi_{42}^5\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_7^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
19502	565	144	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{31}{144}$	$\Phi_{144}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
19503	565	141	$\frac{16}{141}$	$\frac{25}{141}$	$\frac{28}{141}$	$\frac{29}{141}$	$\Phi_{141}^4\ \Phi_{47}^4\ \Phi_3^4\ \Phi_1^5$
19504	566	452	$\frac{1}{113}$	$\frac{57}{226}$	$\frac{169}{452}$	$\frac{56}{113}$	$\Phi_{452}^2\ \Phi_{113}\ \Phi_4^2\ \Phi_1^2$
19505	566	560	$\frac{3}{280}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{277}{560}$	$\Phi_{560}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
19506	566	1680	$\frac{3}{280}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{277}{560}$	$\Phi_{1680}\ \Phi_{336}\ \Phi_{240}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
19507	566	555	$\frac{11}{555}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{272}{555}$	$\Phi_{555}\ \Phi_{185}\ \Phi_{111}\ \Phi_{37}\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
19508	566	380	$\frac{2}{95}$	$\frac{1}{5}$	$\frac{97}{380}$	$\frac{93}{190}$	$\Phi_{380}^2\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{20}^2\ \Phi_{19}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
19509	566	540	$\frac{13}{270}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{257}{540}$	$\Phi_{540}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
19510	566	300	$\frac{17}{300}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
19511	566	475	$\frac{4}{95}$	$\frac{91}{475}$	$\frac{1}{5}$	$\frac{192}{475}$	$\Phi_{475}\ \Phi_{95}^2\ \Phi_{25}\ \Phi_{19}^2\ \Phi_5\ \Phi_1^2$
19512	566	420	$\frac{3}{140}$	$\frac{1}{5}$	$\frac{137}{420}$	$\frac{2}{5}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
19513	566	290	$\frac{7}{290}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{290}^2\ \Phi_{145}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
19514	566	350	$\frac{3}{70}$	$\frac{67}{350}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{350}^2\ \Phi_{175}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
19515	566	300	$\frac{17}{300}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
19516	566	320	$\frac{3}{40}$	$\frac{37}{320}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{320}^2\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
19517	566	315	$\frac{3}{35}$	$\frac{32}{315}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
19518	566	288	$\frac{5}{288}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19519	566	426	$\frac{1}{71}$	$\frac{70}{213}$	$\frac{1}{3}$	$\frac{143}{426}$	$\Phi_{426}^2\ \Phi_{213}\ \Phi_{142}^2\ \Phi_6^2\ \Phi_2^2$
19520	566	420	$\frac{3}{140}$	$\frac{1}{4}$	$\frac{137}{420}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19521	566	336	$\frac{3}{56}$	$\frac{53}{336}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^2\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19522	566	300	$\frac{17}{300}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19523	566	960	$\frac{3}{40}$	$\frac{37}{320}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
19524	566	924	$\frac{25}{308}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{231}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
19525	566	405	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{122}{405}$	$\Phi_{405}^2\ \Phi_{81}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
19526	566	315	$\frac{32}{315}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
19527	566	360	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{5}$	$\frac{77}{360}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
19528	567	480	$\frac{1}{80}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{79}{160}$	$\Phi_{480}^2\ \Phi_{160}^3\ \Phi_{96}^2\ \Phi_{32}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
19529	567	1440	$\frac{1}{80}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{79}{160}$	$\Phi_{1440}\ \Phi_{288}\ \Phi_{160}\ \Phi_{32}\ \Phi_9\ \Phi_1$
19530	567	496	$\frac{1}{62}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{61}{124}$	$\Phi_{496}^2\ \Phi_{124}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
19531	567	124	$\frac{1}{62}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{61}{124}$	$\Phi_{124}^5\ \Phi_{62}^4\ \Phi_{31}^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
19532	567	740	$\frac{4}{185}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{181}{370}$	$\Phi_{740}\ \Phi_{185}\ \Phi_{148}\ \Phi_{37}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
19533	567	76	$\frac{1}{38}$	$\frac{13}{76}$	$\frac{1}{4}$	$\frac{37}{76}$	$\Phi_{76}^8\ \Phi_{38}^7\ \Phi_{19}^7\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
19534	567	520	$\frac{1}{26}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{25}{52}$	$\Phi_{520}^2\ \Phi_{104}^2\ \Phi_{52}\ \Phi_{40}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
19535	567	260	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{25}{52}$	$\Phi_{260}^4\ \Phi_{52}^5\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
19536	567	104	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{104}^6\ \Phi_{52}^5\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_8^9\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
19537	567	1300	$\frac{1}{26}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{1300}\ \Phi_{100}\ \Phi_{52}\ \Phi_{25}\ \Phi_4\ \Phi_1$
19538	567	520	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{19}{40}$	$\Phi_{520}^2\ \Phi_{104}^2\ \Phi_{40}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_1^3$
19539	567	40	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{40}^{27}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8^{27}\ \Phi_5\ \Phi_4\ \Phi_1$
19540	567	200	$\frac{11}{200}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{200}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
19541	567	76	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{4}$	$\frac{17}{38}$	$\Phi_{76}^{10}\ \Phi_{38}\ \Phi_{19}^9\ \Phi_4^9\ \Phi_1^9$
19542	567	496	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{10}{31}$	$\frac{7}{16}$	$\Phi_{496}^2\ \Phi_{31}^2\ \Phi_{16}^3\ \Phi_1^3$
19543	567	176	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{176}^6\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{16}^3\ \Phi_{11}\ \Phi_4\ \Phi_1$
19544	567	496	$\frac{3}{31}$	$\frac{1}{8}$	$\frac{4}{31}$	$\frac{7}{16}$	$\Phi_{496}^2\ \Phi_{31}^2\ \Phi_{16}^3\ \Phi_1^3$
19545	567	80	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{80}^{14}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}^7\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
19546	567	120	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{13}{40}$	$\frac{5}{12}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{40}^6\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^6\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^6\ \Phi_8^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
19547	567	84	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{84}^6\ \Phi_{42}^6\ \Phi_{28}^9\ \Phi_{21}^6\ \Phi_{14}^9\ \Phi_{12}^5\ \Phi_7^9\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
19548	567	1020	$\frac{4}{85}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1020}\ \Phi_{340}\ \Phi_{204}\ \Phi_{85}\ \Phi_{68}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
19549	567	300	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{19}{100}$	$\frac{5}{12}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^3\ \Phi_{75}^2\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
19550	567	96	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{96}^{6}\ \Phi_{48}^{4}\ \Phi_{32}^{9}\ \Phi_{24}^{4}\ \Phi_{16}^{6}\ \Phi_{12}^{5}\ \Phi_{8}^{6}\ \Phi_{6}^{4}\ \Phi_{4}^{7}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
19551	567	264	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{264}^{2}\ \Phi_{132}^{2}\ \Phi_{88}^{3}\ \Phi_{66}^{2}\ \Phi_{44}^{3}\ \Phi_{33}^{2}\ \Phi_{22}^{3}\ \Phi_{12}\ \Phi_{11}^{3}\ \Phi_{4}\ \Phi_{1}$
19552	567	60	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{60}^{16}\ \Phi_{20}^{16}\ \Phi_{12}^{17}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{17}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
19553	567	304	$\frac{1}{38}$	$\frac{37}{152}$	$\frac{1}{4}$	$\frac{115}{304}$	$\Phi_{304}^{3}\ \Phi_{76}^{2}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
19554	567	352	$\frac{1}{22}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{352}^{2}\ \Phi_{176}^{2}\ \Phi_{44}^{2}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
19555	567	154	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{154}^{4}\ \Phi_{77}^{4}\ \Phi_{22}^{3}\ \Phi_{14}\ \Phi_{11}^{3}\ \Phi_{7}^{3}\ \Phi_{1}^{3}$
19556	567	160	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{160}^{6}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{32}^{3}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
19557	567	283	$\frac{4}{283}$	$\frac{93}{283}$	$\frac{94}{283}$	$\frac{95}{283}$	$\Phi_{283}^{2}\ \Phi_{1}^{3}$
19558	567	360	$\frac{1}{40}$	$\frac{2}{9}$	$\frac{13}{40}$	$\frac{1}{3}$	$\Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{90}^{2}\ \Phi_{72}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
19559	567	252	$\frac{1}{28}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^{3}\ \Phi_{126}^{3}\ \Phi_{63}^{3}\ \Phi_{36}^{2}\ \Phi_{28}^{3}\ \Phi_{18}^{2}\ \Phi_{14}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
19560	567	765	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{765}\ \Phi_{153}\ \Phi_{85}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
19561	567	900	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{225}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{9}\ \Phi_{1}$
19562	567	288	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{288}^{3}\ \Phi_{144}^{2}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{32}^{3}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
19563	567	792	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
19564	567	90	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{90}^{8}\ \Phi_{45}^{8}\ \Phi_{18}^{8}\ \Phi_{10}^{8}\ \Phi_{9}^{9}\ \Phi_{5}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
19565	567	124	$\frac{1}{31}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{10}{31}$	$\Phi_{124}^{4}\ \Phi_{62}^{4}\ \Phi_{31}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
19566	567	283	$\frac{10}{283}$	$\frac{64}{283}$	$\frac{73}{283}$	$\frac{91}{283}$	$\Phi_{283}^{2}\ \Phi_{1}^{3}$
19567	567	380	$\frac{7}{190}$	$\frac{43}{190}$	$\frac{1}{4}$	$\frac{61}{190}$	$\Phi_{380}^{2}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}^{2}\ \Phi_{38}\ \Phi_{20}^{2}\ \Phi_{19}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
19568	567	76	$\frac{1}{19}$	$\frac{13}{76}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{76}^{7}\ \Phi_{38}^{7}\ \Phi_{19}^{9}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
19569	567	130	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{4}{13}$	$\Phi_{130}^{4}\ \Phi_{65}^{4}\ \Phi_{26}^{4}\ \Phi_{13}^{6}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
19570	567	104	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{104}^{6}\ \Phi_{52}^{4}\ \Phi_{26}^{4}\ \Phi_{13}^{6}\ \Phi_{8}^{9}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
19571	567	325	$\frac{1}{13}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{325}^{2}\ \Phi_{25}^{3}\ \Phi_{13}^{2}\ \Phi_{1}^{3}$
19572	567	283	$\frac{22}{283}$	$\frac{28}{283}$	$\frac{85}{283}$	$\frac{87}{283}$	$\Phi_{283}^{2}\ \Phi_{1}^{3}$
19573	567	328	$\frac{7}{82}$	$\frac{1}{8}$	$\frac{19}{82}$	$\frac{25}{82}$	$\Phi_{328}^{2}\ \Phi_{164}^{2}\ \Phi_{82}\ \Phi_{41}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
19574	567	283	$\frac{28}{283}$	$\frac{31}{283}$	$\frac{66}{283}$	$\frac{85}{283}$	$\Phi_{283}^{2}\ \Phi_{1}^{3}$
19575	567	20	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{20}^{38}\ \Phi_{10}^{19}\ \Phi_{5}^{19}\ \Phi_{4}^{37}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
19576	567	320	$\frac{1}{10}$	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{320}^{2}\ \Phi_{160}^{2}\ \Phi_{80}^{2}\ \Phi_{64}\ \Phi_{40}^{2}\ \Phi_{32}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
19577	567	283	$\frac{24}{283}$	$\frac{37}{283}$	$\frac{67}{283}$	$\frac{82}{283}$	$\Phi_{283}^{2}\ \Phi_{1}^{3}$
19578	567	76	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{4}$	$\frac{11}{38}$	$\Phi_{76}^{10}\ \Phi_{38}^{5}\ \Phi_{19}^{5}\ \Phi_{4}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
19579	567	44	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{44}^{14}\ \Phi_{22}^{13}\ \Phi_{11}^{13}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
19580	567	124	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{124}^{4}\ \Phi_{62}^{4}\ \Phi_{31}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
19581	567	40	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{40}^{18}\ \Phi_{20}^{14}\ \Phi_{10}^{13}\ \Phi_{8}^{9}\ \Phi_{5}^{13}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
19582	567	80	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{80}^{9}\ \Phi_{40}^{9}\ \Phi_{20}^{2}\ \Phi_{16}^{9}\ \Phi_{10}\ \Phi_{8}^{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
19583	567	100	$\frac{1}{10}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{100}^{9}\ \Phi_{50}^{4}\ \Phi_{25}^{5}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
19584	568	141	$\frac{1}{141}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{70}{141}$	$\Phi_{141}^{4}\ \Phi_{47}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
19585	568	567	$\frac{5}{567}$	$\frac{143}{567}$	$\frac{212}{567}$	$\frac{281}{567}$	$\Phi_{567}\ \Phi_{189}\ \Phi_{81}\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
19586	568	285	$\frac{1}{95}$	$\frac{24}{95}$	$\frac{1}{3}$	$\frac{47}{95}$	$\Phi_{285}^{3}\ \Phi_{57}^{3}\ \Phi_{15}^{3}\ \Phi_{3}^{2}$
19587	568	243	$\frac{1}{81}$	$\frac{41}{243}$	$\frac{101}{243}$	$\frac{40}{81}$	$\Phi_{243}^{2}\ \Phi_{81}^{3}\ \Phi_{27}^{3}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
19588	568	140	$\frac{1}{70}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{69}{140}$	$\Phi_{140}^{8}\ \Phi_{28}^{8}\ \Phi_{20}^{8}\ \Phi_{7}\ \Phi_{4}^{8}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
19589	568	420	$\frac{1}{70}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{69}{140}$	$\Phi_{420}^4\ \Phi_{84}^4\ \Phi_{60}^4\ \Phi_{15}\ \Phi_{12}^4$
19590	568	126	$\frac{1}{63}$	$\frac{8}{63}$	$\frac{55}{126}$	$\frac{31}{63}$	$\Phi_{126}^8\ \Phi_{63}\ \Phi_{42}^8\ \Phi_{21}\ \Phi_{18}^8\ \Phi_{14}^8\ \Phi_9\ \Phi_7\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
19591	568	189	$\frac{1}{63}$	$\frac{47}{189}$	$\frac{16}{63}$	$\frac{31}{63}$	$\Phi_{189}^4\ \Phi_{63}\ \Phi_{27}^4\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
19592	568	171	$\frac{1}{57}$	$\frac{29}{171}$	$\frac{1}{3}$	$\frac{28}{57}$	$\Phi_{171}^4\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
19593	568	279	$\frac{5}{279}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{137}{279}$	$\Phi_{279}^2\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
19594	568	555	$\frac{13}{555}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{271}{555}$	$\Phi_{555}\ \Phi_{185}\ \Phi_{111}\ \Phi_{37}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
19595	568	414	$\frac{2}{69}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{414}^3\ \Phi_{138}^2\ \Phi_{46}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19596	568	135	$\frac{1}{27}$	$\frac{7}{135}$	$\frac{64}{135}$	$\frac{13}{27}$	$\Phi_{135}^4\ \Phi_{45}^4\ \Phi_{27}^5\ \Phi_{15}^4\ \Phi_9^5\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
19597	568	405	$\frac{1}{27}$	$\frac{14}{135}$	$\frac{121}{405}$	$\frac{13}{27}$	$\Phi_{405}^2\ \Phi_{81}^2\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
19598	568	81	$\frac{1}{27}$	$\frac{10}{81}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{81}^8\ \Phi_{27}^5\ \Phi_9^5\ \Phi_3^5\ \Phi_1^6$
19599	568	273	$\frac{11}{273}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{131}{273}$	$\Phi_{273}^2\ \Phi_{91}^2\ \Phi_{39}^2\ \Phi_{21}^3\ \Phi_{13}^2\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
19600	568	288	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{288}^3\ \Phi_{96}^2\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19601	568	1224	$\frac{3}{68}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
19602	568	135	$\frac{7}{135}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{64}{135}$	$\Phi_{135}^4\ \Phi_{45}^4\ \Phi_{27}^4\ \Phi_{15}^6\ \Phi_9^4\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
19603	568	135	$\frac{7}{135}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{64}{135}$	$\Phi_{135}^4\ \Phi_{45}^4\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_9^7\ \Phi_5^4\ \Phi_3^7\ \Phi_1^8$
19604	568	228	$\frac{1}{19}$	$\frac{5}{76}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{228}^4\ \Phi_{114}^4\ \Phi_{57}^3\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^2$
19605	568	75	$\frac{4}{75}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{75}^8\ \Phi_{25}^8\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
19606	568	399	$\frac{1}{19}$	$\frac{9}{133}$	$\frac{1}{3}$	$\frac{62}{133}$	$\Phi_{399}^2\ \Phi_{57}^3\ \Phi_{21}^2\ \Phi_3^2$
19607	568	660	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{61}{132}$	$\Phi_{660}^2\ \Phi_{220}^2\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{20}^2$
19608	568	396	$\frac{5}{66}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{396}^3\ \Phi_{132}^2\ \Phi_{44}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19609	568	390	$\frac{1}{13}$	$\frac{7}{78}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{65}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
19610	568	81	$\frac{7}{81}$	$\frac{10}{81}$	$\frac{11}{81}$	$\frac{37}{81}$	$\Phi_{81}^7\ \Phi_{27}^7\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
19611	568	385	$\frac{6}{77}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{385}^2\ \Phi_{55}\ \Phi_{35}^2$
19612	568	130	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{5}$	$\frac{59}{130}$	$\Phi_{130}^8\ \Phi_{65}\ \Phi_{26}^8\ \Phi_{10}^8\ \Phi_2^8$
19613	568	513	$\frac{2}{57}$	$\frac{55}{513}$	$\frac{1}{3}$	$\frac{229}{513}$	$\Phi_{513}\ \Phi_{171}\ \Phi_{57}^2\ \Phi_{27}\ \Phi_{19}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
19614	568	1152	$\frac{7}{64}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
19615	568	720	$\frac{1}{9}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
19616	568	126	$\frac{1}{21}$	$\frac{8}{63}$	$\frac{5}{21}$	$\frac{55}{126}$	$\Phi_{126}^8\ \Phi_{42}^8\ \Phi_{21}^3\ \Phi_{18}^8\ \Phi_{14}^8\ \Phi_7^3\ \Phi_6^8\ \Phi_3^3\ \Phi_2^8\ \Phi_1^4$
19617	568	126	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{126}^8\ \Phi_{42}^8\ \Phi_{18}^8\ \Phi_{14}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
19618	568	105	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{34}{105}$	$\frac{3}{7}$	$\Phi_{105}^8\ \Phi_{21}^8\ \Phi_{15}^8\ \Phi_7\ \Phi_3^8\ \Phi_1^2$
19619	568	147	$\frac{5}{147}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{147}^4\ \Phi_{49}^4\ \Phi_{21}^4\ \Phi_7\ \Phi_3^4\ \Phi_1^2$
19620	568	525	$\frac{4}{75}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{525}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
19621	568	175	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{33}{175}$	$\frac{3}{7}$	$\Phi_{175}^4\ \Phi_{25}^4\ \Phi_7\ \Phi_1^2$
19622	568	84	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{84}$	$\frac{3}{7}$	$\Phi_{84}^8\ \Phi_{42}^8\ \Phi_{28}^8\ \Phi_{21}^8\ \Phi_{12}^8\ \Phi_7\ \Phi_6^8\ \Phi_4^8\ \Phi_3^8\ \Phi_1^2$
19623	568	77	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{77}^8\ \Phi_{11}^8\ \Phi_7\ \Phi_1^2$
19624	568	315	$\frac{31}{315}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
19625	568	560	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}^2\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
19626	568	360	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{360}^3\ \Phi_{120}^2\ \Phi_{72}^3\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
19627	568	435	$\frac{3}{145}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{435}^2\ \Phi_{87}^2\ \Phi_{15}$
19628	568	84	$\frac{1}{21}$	$\frac{13}{84}$	$\frac{5}{21}$	$\frac{8}{21}$	$\Phi_{84}^8\ \Phi_{42}^8\ \Phi_{28}^8\ \Phi_{21}^3\ \Phi_{14}^8\ \Phi_{12}^8\ \Phi_7^3\ \Phi_6^8\ \Phi_4^8\ \Phi_3^3\ \Phi_2^8\ \Phi_1^4$
19629	568	114	$\frac{1}{57}$	$\frac{14}{57}$	$\frac{1}{3}$	$\frac{43}{114}$	$\Phi_{114}^8\ \Phi_{57}^2\ \Phi_{38}^8\ \Phi_{19}^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
19630	568	441	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{127}{441}$	$\frac{157}{441}$	$\Phi_{441}\ \Phi_{147}^2\ \Phi_{63}\ \Phi_{49}^2\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
19631	568	108	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{108}^8\ \Phi_{36}^8\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
19632	568	72	$\frac{1}{72}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{72}^8\ \Phi_{36}^8\ \Phi_{24}^8\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^8\ \Phi_8^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
19633	568	423	$\frac{2}{141}$	$\frac{139}{423}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{423}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
19634	568	282	$\frac{1}{47}$	$\frac{23}{94}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{282}^2\ \Phi_{141}\ \Phi_{94}^4\ \Phi_{47}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
19635	568	105	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{34}{105}$	$\frac{1}{3}$	$\Phi_{105}^4\ \Phi_{35}^8\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_7^8\ \Phi_5^8\ \Phi_3^4\ \Phi_1^8$
19636	568	171	$\frac{2}{57}$	$\frac{29}{171}$	$\frac{55}{171}$	$\frac{1}{3}$	$\Phi_{171}^3\ \Phi_{57}^4\ \Phi_{19}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
19637	568	315	$\frac{1}{15}$	$\frac{31}{315}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
19638	568	405	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{121}{405}$	$\frac{1}{3}$	$\Phi_{405}^2\ \Phi_{81}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
19639	568	399	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{115}{399}$	$\frac{1}{3}$	$\Phi_{399}\ \Phi_{133}^2\ \Phi_{57}^2\ \Phi_{21}\ \Phi_{19}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
19640	568	90	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{19}{90}$	$\frac{1}{3}$	$\Phi_{90}^8\ \Phi_{45}^4\ \Phi_{30}^8\ \Phi_{18}^8\ \Phi_{15}^6\ \Phi_{10}^8\ \Phi_9^4\ \Phi_6^8\ \Phi_5^6\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
19641	568	228	$\frac{5}{76}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{228}^4\ \Phi_{114}^4\ \Phi_{57}^3\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^2$
19642	568	75	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{75}^8\ \Phi_{25}^8\ \Phi_{15}^5\ \Phi_5^8\ \Phi_3^4\ \Phi_1^8$
19643	568	525	$\frac{2}{35}$	$\frac{33}{175}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{75}^2\ \Phi_{15}$
19644	568	420	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
19645	568	1155	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{165}\ \Phi_{15}$
19646	568	315	$\frac{31}{315}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
19647	568	240	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{15}\ \Phi_{12}^4$
19648	568	165	$\frac{1}{11}$	$\frac{23}{165}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{165}^3\ \Phi_{55}^4\ \Phi_{33}^4\ \Phi_{15}^3\ \Phi_{11}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
19649	568	495	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{5}$	$\frac{28}{99}$	$\Phi_{495}^2\ \Phi_{55}\ \Phi_{45}^2$
19650	568	195	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{5}$	$\frac{53}{195}$	$\Phi_{195}^4\ \Phi_{65}\ \Phi_{39}^4\ \Phi_{15}^4\ \Phi_3^4$
19651	568	288	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}\ \Phi_{72}^3\ \Phi_{48}\ \Phi_{36}^3\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19652	568	81	$\frac{1}{9}$	$\frac{10}{81}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{81}^8\ \Phi_{27}^4\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
19653	568	189	$\frac{1}{21}$	$\frac{5}{21}$	$\frac{47}{189}$	$\frac{16}{63}$	$\Phi_{189}^4\ \Phi_{27}^4\ \Phi_{21}^3\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
19654	568	440	$\frac{1}{11}$	$\frac{17}{88}$	$\frac{1}{5}$	$\frac{5}{22}$	$\Phi_{440}^2\ \Phi_{220}^2\ \Phi_{55}\ \Phi_{40}^2\ \Phi_{20}^2$
19655	568	90	$\frac{1}{9}$	$\frac{7}{45}$	$\frac{19}{90}$	$\frac{2}{9}$	$\Phi_{90}^8\ \Phi_{45}^4\ \Phi_{30}^8\ \Phi_{18}^8\ \Phi_{15}^4\ \Phi_{10}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_5^4\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
19656	569	1120	$\frac{9}{560}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{551}{1120}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
19657	569	1104	$\frac{17}{552}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{535}{1104}$	$\Phi_{1104}\ \Phi_{368}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
19658	569	768	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{199}{768}$	$\frac{185}{384}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
19659	569	1088	$\frac{25}{544}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{519}{1088}$	$\Phi_{1088}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
19660	569	624	$\frac{3}{52}$	$\frac{55}{624}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
19661	569	616	$\frac{3}{44}$	$\frac{47}{616}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_1$
19662	569	1056	$\frac{3}{44}$	$\frac{41}{528}$	$\frac{1}{4}$	$\frac{487}{1056}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{96}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
19663	569	1056	$\frac{41}{528}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{487}{1056}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
19664	569	1040	$\frac{3}{52}$	$\frac{49}{520}$	$\frac{1}{4}$	$\frac{471}{1040}$	$\Phi_{1040}\ \Phi_{208}\ \Phi_{80}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
19665	569	640	$\frac{7}{64}$	$\frac{71}{640}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
19666	569	1024	$\frac{7}{64}$	$\frac{57}{512}$	$\frac{1}{8}$	$\frac{455}{1024}$	$\Phi_{1024}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
19667	569	672	$\frac{9}{112}$	$\frac{1}{8}$	$\frac{103}{672}$	$\frac{7}{16}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
19668	569	640	$\frac{71}{640}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
19669	569	1008	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{504}$	$\frac{439}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
19670	569	960	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{480}$	$\frac{391}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
19671	569	864	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{137}{432}$	$\frac{295}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
19672	569	852	$\frac{1}{71}$	$\frac{70}{213}$	$\frac{283}{852}$	$\frac{143}{426}$	$\Phi_{852}\ \Phi_{284}\ \Phi_{213}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
19673	569	660	$\frac{3}{44}$	$\frac{91}{660}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
19674	569	792	$\frac{3}{44}$	$\frac{41}{264}$	$\frac{1}{4}$	$\frac{223}{792}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
19675	569	780	$\frac{3}{52}$	$\frac{49}{260}$	$\frac{1}{4}$	$\frac{211}{780}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{156}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
19676	569	768	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{256}$	$\frac{199}{768}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
19677	569	704	$\frac{3}{44}$	$\frac{135}{704}$	$\frac{41}{176}$	$\frac{1}{4}$	$\Phi_{704}\ \Phi_{352}\ \Phi_{64}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
19678	570	904	$\frac{1}{113}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{56}{113}$	$\Phi_{904}\ \Phi_{113}\ \Phi_8^2\ \Phi_1^2$
19679	570	940	$\frac{1}{94}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{93}{188}$	$\Phi_{940}\ \Phi_{188}^2\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
19680	570	564	$\frac{1}{94}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{93}{188}$	$\Phi_{564}\ \Phi_{282}^2\ \Phi_{141}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
19681	570	1008	$\frac{1}{56}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{55}{112}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}^2\ \Phi_{48}\ \Phi_{16}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
19682	570	336	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{55}{112}$	$\Phi_{336}^3\ \Phi_{112}^4\ \Phi_{48}^3\ \Phi_{16}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19683	570	1302	$\frac{2}{93}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{91}{186}$	$\Phi_{1302}\ \Phi_{434}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
19684	570	1036	$\frac{1}{37}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{18}{37}$	$\Phi_{1036}\ \Phi_{148}\ \Phi_{37}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
19685	570	259	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{18}{37}$	$\Phi_{259}^2\ \Phi_{37}^3\ \Phi_7^4\ \Phi_1^6$
19686	570	444	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{18}{37}$	$\Phi_{444}^2\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{37}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
19687	570	896	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{896}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
19688	570	1288	$\frac{3}{92}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{89}{184}$	$\Phi_{1288}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
19689	570	1044	$\frac{1}{29}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{14}{29}$	$\Phi_{1044}\ \Phi_{348}\ \Phi_{116}\ \Phi_{36}^2\ \Phi_{29}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
19690	570	609	$\frac{1}{29}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{609}\ \Phi_{203}\ \Phi_{29}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
19691	570	783	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{14}{29}$	$\Phi_{783}\ \Phi_{29}\ \Phi_{27}^2\ \Phi_1^2$
19692	570	696	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{14}{29}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{116}\ \Phi_{29}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
19693	570	330	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{53}{110}$	$\Phi_{330}^5\ \Phi_{66}^5\ \Phi_{33}\ \Phi_{30}^5\ \Phi_6^5$
19694	570	330	$\frac{2}{55}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{53}{110}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{11}^2\ \Phi_{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
19695	570	569	$\frac{21}{569}$	$\frac{59}{569}$	$\frac{170}{569}$	$\frac{274}{569}$	$\Phi_{569}\ \Phi_1^2$
19696	570	312	$\frac{1}{26}$	$\frac{9}{104}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{312}^3\ \Phi_{156}^2\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
19697	570	138	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{4}{23}$	$\frac{11}{23}$	$\Phi_{138}^5\ \Phi_{69}^5\ \Phi_{46}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
19698	570	569	$\frac{25}{569}$	$\frac{94}{569}$	$\frac{99}{569}$	$\frac{272}{569}$	$\Phi_{569}\ \Phi_1^2$
19699	570	546	$\frac{4}{91}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{87}{182}$	$\Phi_{546}^3\ \Phi_{78}^3\ \Phi_{42}^3\ \Phi_{39}\ \Phi_6^3$
19700	570	924	$\frac{1}{22}$	$\frac{23}{308}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{231}\ \Phi_{84}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{21}\ \Phi_6$
19701	570	764	$\frac{9}{191}$	$\frac{20}{191}$	$\frac{1}{4}$	$\frac{91}{191}$	$\Phi_{764}\ \Phi_{382}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
19702	570	144	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{144}^4\ \Phi_{72}^4\ \Phi_{48}^5\ \Phi_{36}^2\ \Phi_{24}^5\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{12}^3\ \Phi_9^4\ \Phi_8^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
19703	570	1044	$\frac{1}{18}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{17}{36}$	$\Phi_{1044}\ \Phi_{348}\ \Phi_{116}\ \Phi_{36}^2\ \Phi_{29}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
19704	570	396	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{396}\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{11}^2$
19705	570	1044	$\frac{1}{18}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{17}{36}$	$\Phi_{1044}\ \Phi_{348}\ \Phi_{116}\ \Phi_{36}^2\ \Phi_{29}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
19706	570	252	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{252}^5\ \Phi_{84}^5\ \Phi_{42}\ \Phi_{28}^5\ \Phi_{21}\ \Phi_{14}$
19707	570	420	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{60}^3\ \Phi_{42}^2\ \Phi_{30}^3\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
19708	570	208	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{208}^3\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{26}\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
19709	570	528	$\frac{1}{22}$	$\frac{7}{88}$	$\frac{1}{3}$	$\frac{81}{176}$	$\Phi_{528}^3\ \Phi_{66}\ \Phi_{48}^3\ \Phi_{33}\ \Phi_6$
19710	570	1232	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{81}{176}$	$\Phi_{1232}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
19711	570	312	$\frac{1}{26}$	$\frac{5}{52}$	$\frac{1}{3}$	$\frac{47}{104}$	$\Phi_{312}^5\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}^5\ \Phi_6$
19712	570	252	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{9}{28}$	$\frac{4}{9}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_9^3\ \Phi_7^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
19713	570	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{20}^6\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^6\ \Phi_9^3\ \Phi_6^2\ \Phi_5^6\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
19714	570	630	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{70}$	$\frac{4}{9}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}^2\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
19715	570	63	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{63}^8\ \Phi_{21}^{11}\ \Phi_9^9\ \Phi_7^{10}\ \Phi_3^{12}\ \Phi_1^{12}$
19716	570	576	$\frac{7}{64}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
19717	570	168	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{73}{168}$	$\Phi_{168}^6\ \Phi_{84}\ \Phi_{56}^6\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}^6\ \Phi_{21}\ \Phi_{14}\ \Phi_8^6$
19718	570	569	$\frac{17}{569}$	$\frac{77}{569}$	$\frac{184}{569}$	$\frac{246}{569}$	$\Phi_{569}\ \Phi_1^2$
19719	570	620	$\frac{1}{20}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{620}\ \Phi_{310}\ \Phi_{155}\ \Phi_{124}\ \Phi_{62}$
19720	570	992	$\frac{1}{31}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{992}\ \Phi_{124}\ \Phi_{62}$
19721	570	224	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{224}^5\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
19722	570	569	$\frac{24}{569}$	$\frac{109}{569}$	$\frac{113}{569}$	$\frac{230}{569}$	$\Phi_{569}\ \Phi_1^2$
19723	570	764	$\frac{6}{191}$	$\frac{37}{191}$	$\frac{1}{4}$	$\frac{77}{191}$	$\Phi_{764}\ \Phi_{382}$
19724	570	705	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{46}{141}$	$\frac{2}{5}$	$\Phi_{705}\ \Phi_{141}^2\ \Phi_{15}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
19725	570	235	$\frac{2}{47}$	$\frac{9}{47}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{235}^2\ \Phi_{47}^4\ \Phi_5^3\ \Phi_1^6$
19726	570	60	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{60}^{12}\ \Phi_{30}^{11}\ \Phi_{20}^6\ \Phi_{15}^{11}\ \Phi_{12}^{12}\ \Phi_{10}^5\ \Phi_6^{10}\ \Phi_5^6\ \Phi_4^6\ \Phi_3^{10}\ \Phi_2^4\ \Phi_1^6$
19727	570	276	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{11}{46}$	$\frac{35}{92}$	$\Phi_{276}^4\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}\ \Phi_{12}^4\ \Phi_4^2$
19728	570	696	$\frac{1}{58}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{696}^2\ \Phi_{174}\ \Phi_{87}\ \Phi_{24}\ \Phi_6$
19729	570	904	$\frac{2}{113}$	$\frac{1}{4}$	$\frac{37}{113}$	$\frac{3}{8}$	$\Phi_{904}\ \Phi_{113}\ \Phi_8^2\ \Phi_1^2$
19730	570	312	$\frac{1}{39}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^3\ \Phi_{156}\ \Phi_{104}^3\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
19731	570	744	$\frac{1}{31}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}$
19732	570	904	$\frac{5}{113}$	$\frac{18}{113}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{904}\ \Phi_{113}\ \Phi_8^2\ \Phi_1^2$
19733	570	280	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^4\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}^3\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
19734	570	930	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{930}\ \Phi_{310}\ \Phi_{186}\ \Phi_{155}\ \Phi_{62}$
19735	570	569	$\frac{19}{569}$	$\frac{110}{569}$	$\frac{153}{569}$	$\frac{208}{569}$	$\Phi_{569}\ \Phi_1^2$
19736	570	620	$\frac{1}{20}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{620}\ \Phi_{310}\ \Phi_{155}\ \Phi_{124}\ \Phi_{62}$
19737	570	569	$\frac{26}{569}$	$\frac{75}{569}$	$\frac{181}{569}$	$\frac{194}{569}$	$\Phi_{569}\ \Phi_1^2$
19738	570	1008	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{23}{72}$	$\frac{49}{144}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
19739	570	690	$\frac{4}{115}$	$\frac{1}{6}$	$\frac{37}{115}$	$\frac{39}{115}$	$\Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
19740	570	336	$\frac{1}{16}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_6$
19741	570	564	$\frac{1}{47}$	$\frac{1}{4}$	$\frac{46}{141}$	$\frac{1}{3}$	$\Phi_{564}\ \Phi_{282}\ \Phi_{188}^2\ \Phi_{94}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
19742	570	84	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{9}{28}$	$\frac{1}{3}$	$\Phi_{84}^6\ \Phi_{42}^6\ \Phi_{28}^8\ \Phi_{21}^6\ \Phi_{14}^8\ \Phi_{12}^6\ \Phi_7^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
19743	570	66	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{66}^{13}\ \Phi_{33}^{13}\ \Phi_6^{13}\ \Phi_3^{12}$
19744	570	609	$\frac{2}{29}$	$\frac{2}{21}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{609}\ \Phi_{203}\ \Phi_{29}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
19745	570	312	$\frac{1}{13}$	$\frac{9}{104}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{39}\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3$
19746	570	432	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
19747	570	420	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^3\ \Phi_{42}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3$
19748	570	132	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{37}{132}$	$\frac{1}{3}$	$\Phi_{132}^3\ \Phi_{66}^4\ \Phi_{44}^6\ \Phi_{33}^4\ \Phi_{22}^6\ \Phi_{12}^3\ \Phi_{11}^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
19749	570	99	$\frac{4}{99}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{99}^6\ \Phi_{33}^5\ \Phi_{11}^6\ \Phi_9^6\ \Phi_3^4\ \Phi_1^6$
19750	570	78	$\frac{1}{26}$	$\frac{5}{26}$	$\frac{7}{26}$	$\frac{1}{3}$	$\Phi_{78}^{11}\ \Phi_{39}^{11}\ \Phi_6^{11}\ \Phi_3^{10}$
19751	570	564	$\frac{2}{47}$	$\frac{9}{47}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{564}^2\ \Phi_{282}^2\ \Phi_{12}^3\ \Phi_6^3$
19752	570	60	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^9\ \Phi_{30}^9\ \Phi_{20}^{12}\ \Phi_{15}^9\ \Phi_{12}^6\ \Phi_{10}^{12}\ \Phi_6^8\ \Phi_5^{12}\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
19753	570	924	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{154}\ \Phi_{44}\ \Phi_{22}$
19754	570	1056	$\frac{1}{22}$	$\frac{67}{352}$	$\frac{21}{88}$	$\frac{1}{3}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_6$
19755	570	720	$\frac{1}{16}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
19756	570	1092	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{79}{364}$	$\frac{1}{3}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
19757	570	48	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{48}^{13}\ \Phi_{24}^{11}\ \Phi_{16}^{12}\ \Phi_{12}^{11}\ \Phi_8^{10}\ \Phi_6^{13}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
19758	570	210	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{70}$	$\frac{1}{3}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{70}^4\ \Phi_{35}^4\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19759	570	66	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{66}^{15}\ \Phi_{33}^{11}\ \Phi_6^{15}\ \Phi_3^{10}$
19760	570	609	$\frac{2}{21}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{609}\ \Phi_{203}\ \Phi_{29}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
19761	570	42	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{42}^{16}\ \Phi_{21}^{11}\ \Phi_{14}^{16}\ \Phi_7^{10}\ \Phi_6^{18}\ \Phi_3^{12}\ \Phi_2^{18}\ \Phi_1^{12}$
19762	570	192	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^4\ \Phi_{48}^3\ \Phi_{32}^4\ \Phi_{16}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19763	570	783	$\frac{2}{29}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{9}{29}$	$\Phi_{783}\ \Phi_{29}\ \Phi_{27}^2\ \Phi_1^2$
19764	570	696	$\frac{2}{29}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{9}{29}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{116}\ \Phi_{29}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
19765	570	330	$\frac{4}{55}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{17}{55}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{30}^3\ \Phi_{22}^2\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
19766	570	1188	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{44}\ \Phi_{22}$
19767	570	783	$\frac{1}{9}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{8}{27}$	$\Phi_{783}\ \Phi_{29}\ \Phi_{27}^2\ \Phi_1^2$
19768	570	378	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{378}^3\ \Phi_{189}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
19769	570	756	$\frac{13}{108}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
19770	570	264	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{264}^3\ \Phi_{132}\ \Phi_{88}^3\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{11}^2$
19771	570	138	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{4}{23}$	$\frac{5}{23}$	$\Phi_{138}^5\ \Phi_{69}^5\ \Phi_{46}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
19772	570	696	$\frac{4}{29}$	$\frac{1}{6}$	$\frac{5}{29}$	$\frac{5}{24}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{116}\ \Phi_{29}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
19773	570	168	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{42}\ \Phi_{28}^5\ \Phi_{21}\ \Phi_{14}$
19774	571	912	$\frac{1}{114}$	$\frac{115}{456}$	$\frac{341}{912}$	$\frac{113}{228}$	$\Phi_{912}\ \Phi_{304}\ \Phi_{228}\ \Phi_{76}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
19775	571	1128	$\frac{7}{564}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{557}{1128}$	$\Phi_{1128}\ \Phi_{376}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
19776	571	1120	$\frac{11}{560}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{549}{1120}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{32}\ \Phi_{20}\ \Phi_4\ \Phi_1$
19777	571	1116	$\frac{13}{558}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{545}{1116}$	$\Phi_{1116}\ \Phi_{372}\ \Phi_{124}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
19778	571	768	$\frac{5}{192}$	$\frac{1}{6}$	$\frac{197}{768}$	$\frac{187}{384}$	$\Phi_{768}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
19779	571	1064	$\frac{1}{38}$	$\frac{39}{532}$	$\frac{493}{1064}$	$\frac{37}{76}$	$\Phi_{1064}\ \Phi_{152}\ \Phi_{76}\ \Phi_{56}\ \Phi_8\ \Phi_4\ \Phi_1$
19780	571	1080	$\frac{1}{30}$	$\frac{31}{540}$	$\frac{509}{1080}$	$\frac{29}{60}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
19781	571	720	$\frac{1}{30}$	$\frac{31}{180}$	$\frac{149}{720}$	$\frac{29}{60}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
19782	571	1104	$\frac{19}{552}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{533}{1104}$	$\Phi_{1104}\ \Phi_{368}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
19783	571	690	$\frac{4}{115}$	$\frac{119}{690}$	$\frac{1}{5}$	$\frac{111}{230}$	$\Phi_{690}\ \Phi_{345}\ \Phi_{138}\ \Phi_{115}\ \Phi_{69}\ \Phi_{30}\ \Phi_{23}\ \Phi_{15}\ \Phi_6\ \Phi_3\ \Phi_1$
19784	571	1100	$\frac{21}{550}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{529}{1100}$	$\Phi_{1100}\ \Phi_{220}\ \Phi_{100}\ \Phi_{44}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
19785	571	1080	$\frac{31}{540}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{509}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
19786	571	1080	$\frac{31}{540}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{509}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
19787	571	780	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{209}{780}$	$\frac{181}{390}$	$\Phi_{780}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{20}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
19788	571	1056	$\frac{43}{528}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{485}{1056}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
19789	571	840	$\frac{11}{280}$	$\frac{1}{10}$	$\frac{269}{840}$	$\frac{9}{20}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
19790	571	600	$\frac{29}{600}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
19791	571	700	$\frac{11}{140}$	$\frac{1}{10}$	$\frac{129}{700}$	$\frac{9}{20}$	$\Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
19792	571	640	$\frac{1}{10}$	$\frac{69}{640}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}\ \Phi_4\ \Phi_1$
19793	571	1008	$\frac{5}{72}$	$\frac{67}{504}$	$\frac{1}{6}$	$\frac{437}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
19794	571	600	$\frac{29}{600}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
19795	571	960	$\frac{1}{30}$	$\frac{91}{480}$	$\frac{29}{120}$	$\frac{389}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{120}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
19796	571	960	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{91}{480}$	$\frac{389}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
19797	571	920	$\frac{4}{115}$	$\frac{1}{5}$	$\frac{111}{460}$	$\frac{349}{920}$	$\Phi_{920}\ \Phi_{184}\ \Phi_{115}\ \Phi_{40}\ \Phi_{23}\ \Phi_8\ \Phi_1$
19798	571	720	$\frac{1}{30}$	$\frac{149}{720}$	$\frac{29}{120}$	$\frac{91}{240}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
19799	571	912	$\frac{1}{38}$	$\frac{37}{152}$	$\frac{115}{456}$	$\frac{341}{912}$	$\Phi_{912}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
19800	571	900	$\frac{1}{30}$	$\frac{29}{150}$	$\frac{121}{450}$	$\frac{329}{900}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
19801	571	630	$\frac{1}{15}$	$\frac{59}{630}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
19802	571	864	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{139}{432}$	$\frac{293}{864}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
19803	571	810	$\frac{1}{15}$	$\frac{31}{270}$	$\frac{239}{810}$	$\frac{14}{45}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{162}\ \Phi_{81}\ \Phi_{45}\ \Phi_9\ \Phi_1$
19804	571	675	$\frac{1}{15}$	$\frac{104}{675}$	$\frac{31}{135}$	$\frac{14}{45}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_9\ \Phi_1$
19805	571	720	$\frac{1}{15}$	$\frac{31}{180}$	$\frac{149}{720}$	$\frac{14}{45}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
19806	571	825	$\frac{21}{275}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{254}{825}$	$\Phi_{825}\ \Phi_{165}\ \Phi_{75}\ \Phi_{33}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
19807	571	648	$\frac{77}{648}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
19808	571	720	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{180}$	$\frac{149}{720}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
19809	572	852	$\frac{1}{142}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{141}{284}$	$\Phi_{852}\ \Phi_{284}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
19810	572	1410	$\frac{2}{141}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{139}{282}$	$\Phi_{1410}\ \Phi_{470}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
19811	572	1020	$\frac{1}{51}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{25}{51}$	$\Phi_{1020}\ \Phi_{340}\ \Phi_{204}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
19812	572	255	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{25}{51}$	$\Phi_{255}^2\ \Phi_{85}^2\ \Phi_{51}^3\ \Phi_{17}^3\ \Phi_{15}^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
19813	572	960	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{49}{192}$	$\frac{47}{96}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
19814	572	840	$\frac{3}{140}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{137}{280}$	$\Phi_{840}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{24}^2\ \Phi_{21}$
19815	572	280	$\frac{3}{140}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{137}{280}$	$\Phi_{280}^4\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{20}\ \Phi_{10}\ \Phi_8^4$
19816	572	1032	$\frac{1}{43}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{21}{43}$	$\Phi_{1032}\ \Phi_{344}\ \Phi_{43}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
19817	572	645	$\frac{1}{43}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{645}\ \Phi_{215}\ \Phi_{43}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
19818	572	774	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{21}{43}$	$\Phi_{774}\ \Phi_{387}\ \Phi_{43}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
19819	572	688	$\frac{1}{43}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{21}{43}$	$\Phi_{688}\ \Phi_{344}\ \Phi_{43}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
19820	572	492	$\frac{1}{41}$	$\frac{21}{164}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{492}^2\ \Phi_{246}^2\ \Phi_{123}\ \Phi_{12}^2\ \Phi_6^2$
19821	572	1380	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{133}{276}$	$\Phi_{1380}\ \Phi_{460}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
19822	572	525	$\frac{1}{25}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{12}{25}$	$\Phi_{525}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{35}\ \Phi_{25}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
19823	572	300	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^2$ $\Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
19824	572	350	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{12}{25}$	$\Phi_{350}^2\ \Phi_{175}\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{35}\ \Phi_{25}^2\ \Phi_{14}^4\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_2^4\ \Phi_1^4$
19825	572	571	$\frac{23}{571}$	$\frac{27}{571}$	$\frac{272}{571}$	$\frac{274}{571}$	$\Phi_{571}\ \Phi_1^2$
19826	572	42	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{42}^{15}\ \Phi_{21}^{13}\ \Phi_{14}^{14}\ \Phi_7^{12}\ \Phi_6^{15}\ \Phi_3^{12}\ \Phi_2^{14}\ \Phi_1^{12}$
19827	572	105	$\frac{1}{21}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{105}^5\ \Phi_{35}^5\ \Phi_{21}^6\ \Phi_{15}^7\ \Phi_7^6\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
19828	572	1360	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{129}{272}$	$\Phi_{1360}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
19829	572	636	$\frac{3}{53}$	$\frac{1}{12}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{636}\ \Phi_{318}\ \Phi_{212}\ \Phi_{159}\ \Phi_{106}$
19830	572	270	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{127}{270}$	$\Phi_{270}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
19831	572	160	$\frac{1}{16}$	$\frac{17}{160}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{160}^3\ \Phi_{80}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
19832	572	210	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_2^2$
19833	572	571	$\frac{38}{571}$	$\frac{41}{571}$	$\frac{153}{571}$	$\frac{265}{571}$	$\Phi_{571}\ \Phi_1^2$
19834	572	123	$\frac{2}{41}$	$\frac{3}{41}$	$\frac{1}{3}$	$\frac{19}{41}$	$\Phi_{123}^7\ \Phi_3^6$
19835	572	552	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{552}^2\ \Phi_{184}^2\ \Phi_{69}$
19836	572	1032	$\frac{3}{43}$	$\frac{1}{12}$	$\frac{10}{43}$	$\frac{11}{24}$	$\Phi_{1032}\ \Phi_{344}\ \Phi_{43}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
19837	572	120	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{120}^{11}\ \Phi_{60}\ \Phi_{40}^{11}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
19838	572	571	$\frac{32}{571}$	$\frac{49}{571}$	$\frac{155}{571}$	$\frac{261}{571}$	$\Phi_{571}\ \Phi_1^2$
19839	572	861	$\frac{12}{287}$	$\frac{25}{287}$	$\frac{1}{3}$	$\frac{131}{287}$	$\Phi_{861}\ \Phi_{123}\ \Phi_{21}$
19840	572	540	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{540}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
19841	572	340	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{4}{17}$	$\frac{9}{20}$	$\Phi_{340}^3\ \Phi_{68}^3\ \Phi_{20}^4\ \Phi_{17}^3\ \Phi_4^4\ \Phi_1^4$
19842	572	140	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{140}^8\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^8\ \Phi_{20}^4\ \Phi_{10}\ \Phi_4^4$
19843	572	414	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{414}^2\ \Phi_{207}\ \Phi_{138}^2\ \Phi_{69}\ \Phi_{46}^2$
19844	572	378	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}\ \Phi_{63}\ \Phi_{54}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_6$
19845	572	1280	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{5}$	$\frac{113}{256}$	$\Phi_{1280}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
19846	572	1260	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{1}{5}$	$\frac{109}{252}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{180}\ \Phi_{140}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
19847	572	147	$\frac{4}{147}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{147}^4\ \Phi_{49}^4\ \Phi_{21}^3\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
19848	572	246	$\frac{1}{41}$	$\frac{20}{123}$	$\frac{1}{3}$	$\frac{103}{246}$	$\Phi_{246}^4\ \Phi_{123}\ \Phi_{82}^4\ \Phi_6^4\ \Phi_2^4$
19849	572	240	$\frac{1}{24}$	$\frac{23}{120}$	$\frac{1}{5}$	$\frac{97}{240}$	$\Phi_{240}^4\ \Phi_{120}\ \Phi_{80}^4\ \Phi_{60}\ \Phi_{48}^4\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
19850	572	350	$\frac{1}{14}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{350}^2\ \Phi_{175}^2\ \Phi_{70}\ \Phi_{50}^2\ \Phi_{35}\ \Phi_{10}$
19851	572	954	$\frac{1}{53}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{954}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}$
19852	572	126	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{126}^5\ \Phi_{63}^5\ \Phi_{42}^5\ \Phi_{21}^5\ \Phi_{18}\ \Phi_{14}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_6\ \Phi_3^4\ \Phi_1^4$
19853	572	848	$\frac{1}{53}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{848}\ \Phi_{212}\ \Phi_{106}$
19854	572	1080	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{35}{108}$	$\frac{73}{216}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
19855	572	213	$\frac{1}{71}$	$\frac{70}{213}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{213}^3\ \Phi_{71}^2\ \Phi_3^4\ \Phi_1^4$
19856	572	345	$\frac{1}{23}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{345}^2\ \Phi_{115}^2\ \Phi_{69}$
19857	572	213	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{213}^2\ \Phi_{71}^4\ \Phi_3^3\ \Phi_1^6$
19858	572	84	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{84}^8\ \Phi_{42}^7\ \Phi_{28}^8\ \Phi_{21}^7\ \Phi_{14}^6\ \Phi_{12}^4\ \Phi_7^6\ \Phi_6^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
19859	572	369	$\frac{1}{41}$	$\frac{83}{369}$	$\frac{40}{123}$	$\frac{1}{3}$	$\Phi_{369}^2\ \Phi_{123}\ \Phi_9^2$
19860	572	210	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{67}{210}$	$\frac{1}{3}$	$\Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^4\ \Phi_{42}^2\ \Phi_{35}^4\ \Phi_{30}^2\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
19861	572	126	$\frac{1}{14}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{126}^7\ \Phi_{63}^6\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}^7\ \Phi_9^6\ \Phi_6$
19862	572	414	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{414}^2\ \Phi_{207}^2\ \Phi_{69}$
19863	572	135	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{135}^4\ \Phi_{45}^4\ \Phi_{27}^6\ \Phi_{15}^3\ \Phi_9^6\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
19864	572	1104	$\frac{1}{23}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{69}$
19865	572	645	$\frac{3}{43}$	$\frac{2}{15}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{645}\ \Phi_{215}\ \Phi_{43}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
19866	572	42	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{42}^{20}\ \Phi_{21}^{21}\ \Phi_6^{20}\ \Phi_3^{20}$
19867	572	60	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{60}^{10}\ \Phi_{30}^{10}\ \Phi_{20}^{10}\ \Phi_{15}^7\ \Phi_{12}^{12}\ \Phi_{10}^{10}\ \Phi_6^{12}\ \Phi_5^6\ \Phi_4^{12}\ \Phi_3^8\ \Phi_2^{12}\ \Phi_1^8$
19868	572	525	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{32}{175}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{75}^2\ \Phi_{21}$
19869	572	315	$\frac{29}{315}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
19870	572	168	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{168}$	$\frac{1}{3}$	$\Phi_{168}^4\ \Phi_{84}^2\ \Phi_{56}^4\ \Phi_{42}^2\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_8^4\ \Phi_7^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
19871	572	80	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{5}{16}$	$\Phi_{80}^9\ \Phi_{40}^9\ \Phi_{20}^9\ \Phi_{10}^9\ \Phi_5^8$
19872	572	810	$\frac{1}{9}$	$\frac{19}{162}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
19873	572	774	$\frac{3}{43}$	$\frac{1}{6}$	$\frac{10}{43}$	$\frac{5}{18}$	$\Phi_{774}\ \Phi_{387}\ \Phi_{43}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
19874	572	180	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{180}^6\ \Phi_{90}^5\ \Phi_{60}\ \Phi_{45}^5\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
19875	572	255	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{4}{17}$	$\frac{4}{15}$	$\Phi_{255}^3\ \Phi_{51}^3\ \Phi_{17}^3\ \Phi_{15}^4\ \Phi_3^4\ \Phi_1^4$
19876	572	210	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}\ \Phi_{42}^4\ \Phi_{35}\ \Phi_{30}^4\ \Phi_{21}^4\ \Phi_{10}\ \Phi_6^4$
19877	572	960	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{64}$	$\frac{49}{192}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
19878	572	688	$\frac{3}{43}$	$\frac{3}{16}$	$\frac{10}{43}$	$\frac{1}{4}$	$\Phi_{688}\ \Phi_{344}\ \Phi_{43}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
19879	572	240	$\frac{1}{12}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^3\ \Phi_{60}\ \Phi_{40}^3\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
19880	572	160	$\frac{17}{160}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{160}^4\ \Phi_{80}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{10}\ \Phi_8^4$
19881	572	840	$\frac{3}{28}$	$\frac{25}{168}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
19882	572	210	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{210}^4\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}^4\ \Phi_{35}\ \Phi_{30}^4\ \Phi_{21}^2\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
19883	572	180	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{5}$	$\frac{37}{180}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
19884	573	1136	$\frac{5}{568}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{563}{1136}$	$\Phi_{1136}\ \Phi_{16}\ \Phi_8\ \Phi_1$
19885	573	756	$\frac{2}{189}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{187}{378}$	$\Phi_{756}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
19886	573	256	$\frac{1}{64}$	$\frac{1}{4}$	$\frac{65}{256}$	$\frac{63}{128}$	$\Phi_{256}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
19887	573	376	$\frac{3}{188}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{185}{376}$	$\Phi_{376}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
19888	573	1040	$\frac{1}{52}$	$\frac{53}{520}$	$\frac{467}{1040}$	$\frac{51}{104}$	$\Phi_{1040}\ \Phi_{208}\ \Phi_{104}\ \Phi_{80}\ \Phi_{16}\ \Phi_8\ \Phi_1$
19889	573	352	$\frac{1}{44}$	$\frac{15}{176}$	$\frac{161}{352}$	$\frac{43}{88}$	$\Phi_{352}^3\ \Phi_{88}\ \Phi_{32}^3\ \Phi_8\ \Phi_1$
19890	573	264	$\frac{1}{44}$	$\frac{15}{88}$	$\frac{73}{264}$	$\frac{43}{88}$	$\Phi_{264}^3\ \Phi_{132}^3\ \Phi_{88}\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
19891	573	704	$\frac{1}{44}$	$\frac{131}{704}$	$\frac{45}{176}$	$\frac{43}{88}$	$\Phi_{704}\ \Phi_{352}\ \Phi_{88}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_1$
19892	573	1120	$\frac{13}{560}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{547}{1120}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
19893	573	372	$\frac{5}{186}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{181}{372}$	$\Phi_{372}\ \Phi_{186}^2\ \Phi_{124}\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
19894	573	368	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{177}{368}$	$\Phi_{368}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
19895	573	640	$\frac{3}{64}$	$\frac{67}{640}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
19896	573	364	$\frac{9}{182}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{173}{364}$	$\Phi_{364}^3\ \Phi_{52}^3\ \Phi_{28}^3\ \Phi_{13}^2\ \Phi_4^3\ \Phi_1^3$
19897	573	1088	$\frac{29}{544}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{515}{1088}$	$\Phi_{1088}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
19898	573	360	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{169}{360}$	$\Phi_{360}^3\ \Phi_{120}^3\ \Phi_{72}^3\ \Phi_{40}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
19899	573	260	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{69}{260}$	$\frac{61}{130}$	$\Phi_{260}^3\ \Phi_{65}^3\ \Phi_{52}^3\ \Phi_{20}^3\ \Phi_{13}^2\ \Phi_5^3\ \Phi_4^3\ \Phi_1^3$
19900	573	352	$\frac{1}{22}$	$\frac{15}{176}$	$\frac{7}{22}$	$\frac{161}{352}$	$\Phi_{352}^3\ \Phi_{32}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_2^2\ \Phi_1^3$
19901	573	352	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{1}{4}$	$\frac{161}{352}$	$\Phi_{352}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
19902	573	1040	$\frac{1}{13}$	$\frac{53}{520}$	$\frac{12}{65}$	$\frac{467}{1040}$	$\Phi_{1040}\ \Phi_{208}\ \Phi_{80}\ \Phi_{65}\ \Phi_{16}\ \Phi_5\ \Phi_1$
19903	573	234	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{43}{234}$	$\frac{35}{78}$	$\Phi_{234}^3\ \Phi_{117}^3\ \Phi_{39}^3\ \Phi_{18}^3\ \Phi_{13}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^3$
19904	573	264	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{73}{264}$	$\frac{59}{132}$	$\Phi_{264}^3\ \Phi_{88}^3\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^3\ \Phi_6^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
19905	573	1024	$\frac{3}{64}$	$\frac{61}{512}$	$\frac{1}{4}$	$\frac{451}{1024}$	$\Phi_{1024}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
19906	573	336	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{1}{4}$	$\frac{145}{336}$	$\Phi_{336}^3\ \Phi_{112}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
19907	573	650	$\frac{1}{13}$	$\frac{77}{650}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{650}\ \Phi_{325}\ \Phi_{65}\ \Phi_{50}\ \Phi_{25}\ \Phi_5\ \Phi_1$
19908	573	320	$\frac{1}{32}$	$\frac{31}{160}$	$\frac{1}{4}$	$\frac{129}{320}$	$\Phi_{320}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
19909	573	195	$\frac{4}{195}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{195}^3\ \Phi_{65}^3\ \Phi_{39}^3\ \Phi_{15}^2\ \Phi_{13}^3\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
19910	573	312	$\frac{1}{52}$	$\frac{35}{156}$	$\frac{17}{52}$	$\frac{121}{312}$	$\Phi_{312}^3\ \Phi_{104}^3\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{24}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
19911	573	312	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{35}{156}$	$\frac{121}{312}$	$\Phi_{312}^3\ \Phi_{104}^3\ \Phi_{39}^3\ \Phi_{24}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_3^3\ \Phi_1^3$
19912	573	832	$\frac{1}{52}$	$\frac{51}{208}$	$\frac{259}{832}$	$\frac{157}{416}$	$\Phi_{832}\ \Phi_{208}\ \Phi_{104}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
19913	573	208	$\frac{1}{13}$	$\frac{17}{208}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{208}^3\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_4^3\ \Phi_1^3$
19914	573	220	$\frac{1}{22}$	$\frac{29}{220}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{220}^3\ \Phi_{110}^3\ \Phi_{55}^3\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{11}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_2^2\ \Phi_1^3$
19915	573	288	$\frac{1}{48}$	$\frac{1}{4}$	$\frac{47}{144}$	$\frac{97}{288}$	$\Phi_{288}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
19916	573	207	$\frac{16}{207}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{207}^3\ \Phi_{69}^2\ \Phi_{23}^3\ \Phi_9^3\ \Phi_3\ \Phi_1^3$
19917	573	252	$\frac{2}{63}$	$\frac{61}{252}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^3\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
19918	573	396	$\frac{7}{198}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^2\ \Phi_{198}\ \Phi_{132}^2\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
19919	573	216	$\frac{2}{27}$	$\frac{25}{216}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{216}^3\ \Phi_{108}^2\ \Phi_{72}^3\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
19920	573	420	$\frac{19}{210}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
19921	573	264	$\frac{1}{22}$	$\frac{15}{88}$	$\frac{73}{264}$	$\frac{7}{22}$	$\Phi_{264}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_6^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
19922	573	273	$\frac{1}{13}$	$\frac{9}{91}$	$\frac{82}{273}$	$\frac{4}{13}$	$\Phi_{273}^3\ \Phi_{39}^3\ \Phi_{21}^3\ \Phi_{13}^2\ \Phi_3^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
19923	573	216	$\frac{1}{12}$	$\frac{25}{216}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{216}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
19924	573	260	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{260}$	$\frac{69}{260}$	$\Phi_{260}^2\ \Phi_{130}^2\ \Phi_{65}^3\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
19925	573	256	$\frac{3}{64}$	$\frac{61}{256}$	$\frac{1}{4}$	$\frac{65}{256}$	$\Phi_{256}^2\ \Phi_{128}^2\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
19926	573	240	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{240}$	$\frac{1}{4}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
19927	573	640	$\frac{67}{640}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
19928	573	224	$\frac{13}{112}$	$\frac{33}{224}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{224}^3\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
19929	574	570	$\frac{2}{285}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{283}{570}$	$\Phi_{570}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19930	574	384	$\frac{1}{96}$	$\frac{97}{384}$	$\frac{1}{3}$	$\frac{95}{192}$	$\Phi_{384}^2\ \Phi_{128}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19931	574	1704	$\frac{3}{284}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{281}{568}$	$\Phi_{1704}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
19932	574	324	$\frac{1}{81}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{40}{81}$	$\Phi_{324}^3\ \Phi_{108}^3\ \Phi_{81}\ \Phi_{36}^3\ \Phi_{27}\ \Phi_{12}^4\ \Phi_9\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
19933	574	81	$\frac{1}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{40}{81}$	$\Phi_{81}^7\ \Phi_{27}^7\ \Phi_9^8\ \Phi_3^7\ \Phi_1^8$
19934	574	564	$\frac{5}{282}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{277}{564}$	$\Phi_{564}^2\ \Phi_{188}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19935	574	1040	$\frac{1}{40}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{39}{80}$	$\Phi_{1040}\ \Phi_{208}\ \Phi_{80}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_1^2$
19936	574	240	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{240}^7\ \Phi_{48}^7\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
19937	574	558	$\frac{8}{279}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{271}{558}$	$\Phi_{558}^2\ \Phi_{186}^2\ \Phi_{62}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19938	574	960	$\frac{1}{32}$	$\frac{33}{320}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
19939	574	552	$\frac{11}{276}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{265}{552}$	$\Phi_{552}^2\ \Phi_{184}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19940	574	390	$\frac{2}{39}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{390}^3\ \Phi_{130}^3\ \Phi_{78}^2\ \Phi_{30}^3\ \Phi_{26}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19941	574	1632	$\frac{15}{272}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{257}{544}$	$\Phi_{1632}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
19942	574	540	$\frac{1}{18}$	$\frac{17}{270}$	$\frac{1}{3}$	$\frac{253}{540}$	$\Phi_{540}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19943	574	840	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{10}\ \Phi_6$
19944	574	780	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{19}{60}$	$\frac{6}{13}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{156}\ \Phi_{78}\ \Phi_{60}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
19945	574	572	$\frac{3}{44}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{572}\ \Phi_{286}\ \Phi_{143}\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{13}\ \Phi_{11}^2\ \Phi_1^2$
19946	574	585	$\frac{1}{13}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{117}\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
19947	574	650	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{6}{13}$	$\Phi_{650}\ \Phi_{325}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{13}\ \Phi_1^2$
19948	574	624	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{6}{13}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{78}\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
19949	574	528	$\frac{1}{24}$	$\frac{23}{264}$	$\frac{1}{3}$	$\frac{241}{528}$	$\Phi_{528}^2\ \Phi_{176}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19950	574	1536	$\frac{1}{32}$	$\frac{31}{256}$	$\frac{1}{3}$	$\frac{225}{512}$	$\Phi_{1536}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
19951	574	72	$\frac{1}{36}$	$\frac{5}{36}$	$\frac{1}{3}$	$\frac{31}{72}$	$\Phi_{72}^{14}\ \Phi_{36}^2\ \Phi_{24}^{14}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^{14}\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19952	574	360	$\frac{1}{15}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{360}^3\ \Phi_{120}^3\ \Phi_{72}^2\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19953	574	84	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{84}^{12}\ \Phi_{42}^2\ \Phi_{28}^{12}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^{10}\ \Phi_7^2\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19954	574	108	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{12}$	$\Phi_{108}^9\ \Phi_{54}^2\ \Phi_{36}^9\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{12}^{10}\ \Phi_9\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19955	574	240	$\frac{1}{15}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{48}^2\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19956	574	180	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{180}^6\ \Phi_{60}^6\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{20}^6\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_9\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
19957	574	210	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{210}^5\ \Phi_{105}\ \Phi_{70}^4\ \Phi_{42}^5\ \Phi_{35}\ \Phi_{30}^5\ \Phi_{21}\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_6^5\ \Phi_2^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
19958	574	480	$\frac{1}{48}$	$\frac{47}{240}$	$\frac{1}{3}$	$\frac{193}{480}$	$\Phi_{480}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19959	574	210	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{10}\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
19960	574	432	$\frac{1}{72}$	$\frac{71}{216}$	$\frac{1}{3}$	$\frac{145}{432}$	$\Phi_{432}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19961	574	126	$\frac{1}{42}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{126}^6\ \Phi_{63}^6\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^6\ \Phi_{14}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19962	574	342	$\frac{2}{57}$	$\frac{55}{342}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{342}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{38}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19963	574	300	$\frac{13}{300}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19964	574	120	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{120}^4\ \Phi_{60}^3\ \Phi_{40}^8\ \Phi_{30}^3\ \Phi_{24}^5\ \Phi_{20}^6\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_{10}^6\ \Phi_8^8\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
19965	574	324	$\frac{1}{18}$	$\frac{37}{324}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19966	574	297	$\frac{10}{297}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{297}^2\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{27}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
19967	574	384	$\frac{1}{32}$	$\frac{31}{128}$	$\frac{97}{384}$	$\frac{1}{3}$	$\Phi_{384}\ \Phi_{192}\ \Phi_{128}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19968	574	264	$\frac{3}{44}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{264}^4\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
19969	574	54	$\frac{1}{27}$	$\frac{2}{9}$	$\frac{13}{54}$	$\frac{1}{3}$	$\Phi_{54}^{14}\ \Phi_{27}^7\ \Phi_{18}^{14}\ \Phi_9^8\ \Phi_6^{14}\ \Phi_3^7\ \Phi_2^{14}\ \Phi_1^8$
19970	574	324	$\frac{7}{81}$	$\frac{37}{324}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19971	574	45	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{45}^{14}\ \Phi_{15}^{14}\ \Phi_9^8\ \Phi_5^{14}\ \Phi_3^7\ \Phi_1^8$
19972	574	360	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{73}{360}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19973	574	360	$\frac{4}{45}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
19974	574	600	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{150}\ \Phi_{75}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
19975	574	960	$\frac{33}{320}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
19976	574	48	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{48}^{14}\ \Phi_{24}^8\ \Phi_{16}^{14}\ \Phi_{12}^8\ \Phi_8^{14}\ \Phi_6^8\ \Phi_4^{14}\ \Phi_3^7\ \Phi_2^{14}\ \Phi_1^{14}$
19977	574	270	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{270}^3\ \Phi_{135}^3\ \Phi_{54}^2\ \Phi_{30}^3\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
19978	575	456	$\frac{1}{114}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{113}{228}$	$\Phi_{456}^2\ \Phi_{228}\ \Phi_{152}^2\ \Phi_{76}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
19979	575	984	$\frac{1}{82}$	$\frac{83}{492}$	$\frac{409}{984}$	$\frac{81}{164}$	$\Phi_{984}\ \Phi_{328}\ \Phi_{164}\ \Phi_{24}\ \Phi_8\ \Phi_4\ \Phi_1$
19980	575	224	$\frac{3}{112}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{109}{224}$	$\Phi_{224}^5\ \Phi_{32}^5\ \Phi_{28}\ \Phi_4\ \Phi_1$
19981	575	224	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{109}{224}$	$\Phi_{224}^5\ \Phi_{32}^5\ \Phi_7^2\ \Phi_1^3$
19982	575	672	$\frac{3}{112}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{109}{224}$	$\Phi_{672}^2\ \Phi_{224}\ \Phi_{96}^2\ \Phi_{32}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
19983	575	528	$\frac{1}{24}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{23}{48}$	$\Phi_{528}^2\ \Phi_{176}^2\ \Phi_{48}^3\ \Phi_{44}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
19984	575	528	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{48}$	$\Phi_{528}^2\ \Phi_{176}^2\ \Phi_{48}^3\ \Phi_{33}\ \Phi_{16}^3\ \Phi_3\ \Phi_1$
19985	575	1188	$\frac{1}{22}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{108}\ \Phi_{44}\ \Phi_{36}\ \Phi_{27}\ \Phi_9\ \Phi_4\ \Phi_1$
19986	575	396	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{21}{44}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{44}\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_4\ \Phi_1$
19987	575	308	$\frac{1}{22}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{308}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{44}\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4\ \Phi_1$
19988	575	352	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{21}{44}$	$\Phi_{352}^2\ \Phi_{176}^2\ \Phi_{44}\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
19989	575	132	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{21}{44}$	$\Phi_{132}^8\ \Phi_{44}^9\ \Phi_{12}^8\ \Phi_6^4\ \Phi_4^9\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
19990	575	1092	$\frac{29}{546}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{517}{1092}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{156}\ \Phi_{84}\ \Phi_{52}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
19991	575	784	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{209}{784}$	$\frac{183}{392}$	$\Phi_{784}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{49}\ \Phi_{28}\ \Phi_{16}\ \Phi_4\ \Phi_1$
19992	575	168	$\frac{3}{56}$	$\frac{1}{14}$	$\frac{53}{168}$	$\frac{13}{28}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{42}^5\ \Phi_{28}\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{12}^5\ \Phi_6^5\ \Phi_4\ \Phi_3^5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
19993	575	616	$\frac{41}{616}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{11}\ \Phi_4\ \Phi_1$
19994	575	28	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{28}^{21}\ \Phi_{14}^{20}\ \Phi_7^{20}\ \Phi_4^{21}\ \Phi_2^{20}\ \Phi_1^{21}$
19995	575	672	$\frac{1}{14}$	$\frac{15}{112}$	$\frac{97}{672}$	$\frac{13}{28}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
19996	575	546	$\frac{1}{26}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{546}\ \Phi_{273}\ \Phi_{182}\ \Phi_{91}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{21}\ \Phi_{13}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
19997	575	84	$\frac{2}{21}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{84}^7\ \Phi_{42}^4\ \Phi_{28}^9\ \Phi_{21}^7\ \Phi_{14}^6\ \Phi_{12}^7\ \Phi_7^8\ \Phi_6^4\ \Phi_4^9\ \Phi_3^7\ \Phi_2^6\ \Phi_1^9$
19998	575	416	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{416}^2\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_4\ \Phi_1$
19999	575	1008	$\frac{1}{14}$	$\frac{71}{504}$	$\frac{13}{84}$	$\frac{433}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
20000	575	119	$\frac{4}{119}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{119}^5\ \Phi_{17}^5\ \Phi_7^2\ \Phi_1^3$
20001	575	520	$\frac{1}{26}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{520}^2\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{40}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_4\ \Phi_1$
20002	575	672	$\frac{1}{14}$	$\frac{97}{672}$	$\frac{13}{84}$	$\frac{71}{168}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
20003	575	984	$\frac{1}{41}$	$\frac{83}{492}$	$\frac{40}{123}$	$\frac{409}{984}$	$\Phi_{984}\ \Phi_{328}\ \Phi_{123}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
20004	575	123	$\frac{8}{123}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{123}^5\ \Phi_{41}^4\ \Phi_3^5\ \Phi_1^5$
20005	575	196	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{17}{98}$	$\frac{81}{196}$	$\Phi_{196}^5\ \Phi_{98}\ \Phi_{49}\ \Phi_{28}^5\ \Phi_4^5\ \Phi_1$
20006	575	164	$\frac{1}{41}$	$\frac{8}{41}$	$\frac{49}{164}$	$\frac{33}{82}$	$\Phi_{164}^5\ \Phi_{41}^4\ \Phi_4^5\ \Phi_1^5$
20007	575	936	$\frac{2}{117}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{39}\ \Phi_{13}\ \Phi_9\ \Phi_8\ \Phi_1$
20008	575	1368	$\frac{1}{57}$	$\frac{1}{4}$	$\frac{56}{171}$	$\frac{3}{8}$	$\Phi_{1368}\ \Phi_{171}\ \Phi_{72}\ \Phi_9\ \Phi_8\ \Phi_1$
20009	575	152	$\frac{1}{38}$	$\frac{37}{152}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{152}^3\ \Phi_{76}^5\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
20010	575	456	$\frac{2}{57}$	$\frac{11}{57}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{456}^2\ \Phi_{152}^2\ \Phi_{57}^2\ \Phi_{24}^2\ \Phi_{19}^2\ \Phi_8^3\ \Phi_3^2\ \Phi_1^3$
20011	575	24	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{24}^{23}\ \Phi_{12}^{25}\ \Phi_8^{24}\ \Phi_6^{24}\ \Phi_4^{25}\ \Phi_3^{24}\ \Phi_2^{24}\ \Phi_1^{25}$
20012	575	1064	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1064}\ \Phi_{133}\ \Phi_{56}\ \Phi_8\ \Phi_7\ \Phi_1$
20013	575	468	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{468}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{36}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
20014	575	174	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{28}{87}$	$\frac{59}{174}$	$\Phi_{174}^3\ \Phi_{87}^4\ \Phi_{58}^3\ \Phi_{29}^3\ \Phi_6^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
20015	575	738	$\frac{1}{41}$	$\frac{163}{738}$	$\frac{40}{123}$	$\frac{83}{246}$	$\Phi_{738}\ \Phi_{369}\ \Phi_{123}\ \Phi_{18}\ \Phi_9\ \Phi_3\ \Phi_1$
20016	575	297	$\frac{2}{27}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{297}^2\ \Phi_{99}^2\ \Phi_{33}\ \Phi_{27}^3\ \Phi_9^3\ \Phi_3\ \Phi_1$
20017	575	168	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{53}{168}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{42}^5\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{12}^5\ \Phi_7^2\ \Phi_6^5\ \Phi_3^5\ \Phi_1^3$
20018	575	168	$\frac{3}{56}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{53}{168}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{56}^4\ \Phi_{42}^3\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_7^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
20019	575	396	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{11}{36}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{36}^3\ \Phi_{33}\ \Phi_{18}^3\ \Phi_9^3\ \Phi_3\ \Phi_1$
20020	575	924	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{231}\ \Phi_{84}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_3\ \Phi_1$
20021	575	1056	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{10}{33}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{96}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{16}\ \Phi_3\ \Phi_1$
20022	575	66	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{66}^8\ \Phi_{33}^9\ \Phi_{22}^8\ \Phi_{11}^8\ \Phi_6^{12}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
20023	575	126	$\frac{11}{126}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{126}^5\ \Phi_{63}^5\ \Phi_{42}^5\ \Phi_{21}^5\ \Phi_{18}^5\ \Phi_9^5\ \Phi_7^2\ \Phi_6^5\ \Phi_3^5\ \Phi_1^3$
20024	575	28	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{28}^{20}\ \Phi_{14}^{20}\ \Phi_7^{22}\ \Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^{23}$
20025	575	756	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{181}{756}$	$\frac{71}{252}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
20026	575	384	$\frac{13}{128}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}\ \Phi_{96}^2\ \Phi_{64}\ \Phi_{32}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
20027	575	84	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{5}{28}$	$\frac{1}{4}$	$\Phi_{84}^8\ \Phi_{42}^8\ \Phi_{28}^4\ \Phi_{21}^8\ \Phi_{14}^4\ \Phi_{12}^{10}\ \Phi_7^4\ \Phi_6^9\ \Phi_4^5\ \Phi_3^9\ \Phi_2^4\ \Phi_1^5$
20028	576	429	$\frac{1}{143}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{71}{143}$	$\Phi_{429}\ \Phi_{143}^2\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
20029	576	115	$\frac{1}{115}$	$\frac{29}{115}$	$\frac{43}{115}$	$\frac{57}{115}$	$\Phi_{115}^5\ \Phi_{23}^5\ \Phi_5^5\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
20030	576	867	$\frac{3}{289}$	$\frac{73}{289}$	$\frac{1}{3}$	$\frac{143}{289}$	$\Phi_{867}\ \Phi_{51}$
20031	576	95	$\frac{1}{95}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{47}{95}$	$\Phi_{95}^6\ \Phi_{19}^6\ \Phi_5^7\ \Phi_1^8$
20032	576	1140	$\frac{1}{95}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{47}{95}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{228}\ \Phi_{114}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
20033	576	575	$\frac{7}{575}$	$\frac{97}{575}$	$\frac{239}{575}$	$\frac{284}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20034	576	497	$\frac{1}{71}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{35}{71}$	$\Phi_{497}\ \Phi_{71}^2\ \Phi_7^2\ \Phi_1^4$
20035	576	1065	$\frac{1}{71}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{35}{71}$	$\Phi_{1065}\ \Phi_{15}^2$
20036	576	772	$\frac{3}{193}$	$\frac{1}{4}$	$\frac{49}{193}$	$\frac{95}{193}$	$\Phi_{772}\ \Phi_{386}$
20037	576	575	$\frac{9}{575}$	$\frac{73}{575}$	$\frac{251}{575}$	$\frac{283}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20038	576	575	$\frac{9}{575}$	$\frac{143}{575}$	$\frac{146}{575}$	$\frac{283}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20039	576	1008	$\frac{1}{63}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{31}{63}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{63}\ \Phi_{48}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
20040	576	252	$\frac{1}{63}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{31}{63}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^3\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^3\ \Phi_7^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
20041	576	867	$\frac{5}{289}$	$\frac{49}{289}$	$\frac{1}{3}$	$\frac{142}{289}$	$\Phi_{867}\ \Phi_{51}$
20042	576	145	$\frac{3}{145}$	$\frac{1}{5}$	$\frac{37}{145}$	$\frac{71}{145}$	$\Phi_{145}^4\ \Phi_{29}^4\ \Phi_5^3\ \Phi_1^4$
20043	576	517	$\frac{1}{47}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{23}{47}$	$\Phi_{517}\ \Phi_{47}^2\ \Phi_{11}^2\ \Phi_1^4$
20044	576	987	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{987}\ \Phi_{21}^2$
20045	576	517	$\frac{1}{47}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{23}{47}$	$\Phi_{517}\ \Phi_{47}^2\ \Phi_{11}^2\ \Phi_1^4$
20046	576	940	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{23}{47}$	$\Phi_{940}\ \Phi_{470}\ \Phi_{20}^2\ \Phi_{10}^2$
20047	576	575	$\frac{13}{575}$	$\frac{49}{575}$	$\frac{263}{575}$	$\frac{281}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20048	576	575	$\frac{13}{575}$	$\frac{98}{575}$	$\frac{159}{575}$	$\frac{281}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20049	576	575	$\frac{13}{575}$	$\frac{107}{575}$	$\frac{147}{575}$	$\frac{281}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20050	576	867	$\frac{7}{289}$	$\frac{37}{289}$	$\frac{1}{3}$	$\frac{141}{289}$	$\Phi_{867}\ \Phi_{51}$
20051	576	772	$\frac{5}{193}$	$\frac{33}{193}$	$\frac{1}{4}$	$\frac{94}{193}$	$\Phi_{772}\ \Phi_{386}$
20052	576	105	$\frac{1}{35}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{17}{35}$	$\Phi_{105}^5\ \Phi_{35}^6\ \Phi_{21}^5\ \Phi_{15}^6\ \Phi_7^6\ \Phi_5^7\ \Phi_3^6\ \Phi_1^8$
20053	576	315	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{315}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_9^4\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
20054	576	35	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{17}{35}$	$\Phi_{35}^{16}\ \Phi_7^{16}\ \Phi_5^{19}\ \Phi_1^{20}$
20055	576	575	$\frac{17}{575}$	$\frac{37}{575}$	$\frac{269}{575}$	$\frac{279}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20056	576	575	$\frac{17}{575}$	$\frac{74}{575}$	$\frac{167}{575}$	$\frac{279}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20057	576	679	$\frac{3}{97}$	$\frac{1}{7}$	$\frac{25}{97}$	$\frac{47}{97}$	Φ_{679}
20058	576	527	$\frac{1}{31}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{15}{31}$	$\Phi_{527}\ \Phi_{31}^2\ \Phi_{17}^2\ \Phi_1^4$
20059	576	930	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{930}\ \Phi_{465}\ \Phi_{186}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
20060	576	527	$\frac{1}{31}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{15}{31}$	$\Phi_{527}\ \Phi_{31}^2\ \Phi_{17}^2\ \Phi_1^4$
20061	576	868	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{868}\ \Phi_{434}\ \Phi_{28}^2\ \Phi_{14}^2$
20062	576	575	$\frac{19}{575}$	$\frac{33}{575}$	$\frac{271}{575}$	$\frac{278}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20063	576	575	$\frac{19}{575}$	$\frac{99}{575}$	$\frac{119}{575}$	$\frac{278}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20064	576	145	$\frac{1}{29}$	$\frac{5}{29}$	$\frac{1}{5}$	$\frac{14}{29}$	$\Phi_{145}^5\ \Phi_5^4$
20065	576	772	$\frac{7}{193}$	$\frac{25}{193}$	$\frac{1}{4}$	$\frac{93}{193}$	$\Phi_{772}\ \Phi_{386}$
20066	576	575	$\frac{21}{575}$	$\frac{71}{575}$	$\frac{149}{575}$	$\frac{277}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20067	576	867	$\frac{11}{289}$	$\frac{25}{289}$	$\frac{1}{3}$	$\frac{139}{289}$	$\Phi_{867}\ \Phi_{51}$
20068	576	275	$\frac{1}{25}$	$\frac{13}{275}$	$\frac{131}{275}$	$\frac{12}{25}$	$\Phi_{275}^2\ \Phi_{55}^2\ \Phi_{25}^3\ \Phi_{11}^2\ \Phi_5^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
20069	576	657	$\frac{3}{73}$	$\frac{1}{9}$	$\frac{19}{73}$	$\frac{35}{73}$	$\Phi_{657}\ \Phi_{219}$
20070	576	23	$\frac{1}{23}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{11}{23}$	$\Phi_{23}^{25}\ \Phi_{1}^{26}$
20071	576	897	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{897}\ \Phi_{39}^{2}$
20072	576	23	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{11}{23}$	$\Phi_{23}^{25}\ \Phi_{1}^{26}$
20073	576	161	$\frac{1}{23}$	$\frac{17}{161}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{161}^{4}\ \Phi_{23}\ \Phi_{7}^{4}\ \Phi_{1}^{2}$
20074	576	828	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{138}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
20075	576	23	$\frac{1}{23}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{11}{23}$	$\Phi_{23}^{25}\ \Phi_{1}^{26}$
20076	576	805	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{805}\ \Phi_{35}^{2}$
20077	576	115	$\frac{1}{23}$	$\frac{19}{115}$	$\frac{4}{23}$	$\frac{11}{23}$	$\Phi_{115}^{6}\ \Phi_{23}\ \Phi_{5}^{6}\ \Phi_{1}^{2}$
20078	576	130	$\frac{3}{65}$	$\frac{1}{10}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{130}^{5}\ \Phi_{65}^{4}\ \Phi_{26}^{5}\ \Phi_{13}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
20079	576	145	$\frac{7}{145}$	$\frac{19}{145}$	$\frac{1}{5}$	$\frac{69}{145}$	$\Phi_{145}^{4}\ \Phi_{29}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
20080	576	575	$\frac{29}{575}$	$\frac{53}{575}$	$\frac{151}{575}$	$\frac{273}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_{5}\ \Phi_{1}^{2}$
20081	576	679	$\frac{5}{97}$	$\frac{1}{7}$	$\frac{17}{97}$	$\frac{46}{97}$	Φ_{679}
20082	576	867	$\frac{15}{289}$	$\frac{19}{289}$	$\frac{1}{3}$	$\frac{137}{289}$	$\Phi_{867}\ \Phi_{51}$
20083	576	575	$\frac{31}{575}$	$\frac{79}{575}$	$\frac{101}{575}$	$\frac{272}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_{5}\ \Phi_{1}^{2}$
20084	576	772	$\frac{11}{193}$	$\frac{17}{193}$	$\frac{1}{4}$	$\frac{91}{193}$	$\Phi_{772}\ \Phi_{386}$
20085	576	575	$\frac{33}{575}$	$\frac{38}{575}$	$\frac{179}{575}$	$\frac{271}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_{5}\ \Phi_{1}^{2}$
20086	576	575	$\frac{33}{575}$	$\frac{47}{575}$	$\frac{152}{575}$	$\frac{271}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_{5}\ \Phi_{1}^{2}$
20087	576	51	$\frac{1}{17}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{51}^{17}\ \Phi_{3}^{16}$
20088	576	527	$\frac{1}{17}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{8}{17}$	$\Phi_{527}\ \Phi_{31}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
20089	576	765	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{45}^{2}\ \Phi_{15}^{2}$
20090	576	637	$\frac{3}{49}$	$\frac{1}{13}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{637}\ \Phi_{91}$
20091	576	575	$\frac{37}{575}$	$\frac{51}{575}$	$\frac{131}{575}$	$\frac{269}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_{5}\ \Phi_{1}^{2}$
20092	576	285	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{285}^{2}\ \Phi_{95}^{2}\ \Phi_{57}^{3}\ \Phi_{19}^{2}$
20093	576	105	$\frac{2}{35}$	$\frac{1}{15}$	$\frac{11}{35}$	$\frac{7}{15}$	$\Phi_{105}^{5}\ \Phi_{35}^{6}\ \Phi_{21}^{5}\ \Phi_{15}^{6}\ \Phi_{7}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
20094	576	780	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{52}^{2}\ \Phi_{26}^{2}$
20095	576	105	$\frac{1}{15}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{7}{15}$	$\Phi_{105}^{5}\ \Phi_{35}^{6}\ \Phi_{21}^{5}\ \Phi_{15}^{6}\ \Phi_{7}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
20096	576	30	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{30}^{20}\ \Phi_{15}^{16}\ \Phi_{10}^{24}\ \Phi_{6}^{20}\ \Phi_{5}^{19}\ \Phi_{3}^{16}\ \Phi_{2}^{24}\ \Phi_{1}^{20}$
20097	576	105	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{105}^{5}\ \Phi_{35}^{5}\ \Phi_{21}^{5}\ \Phi_{15}^{6}\ \Phi_{7}^{10}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
20098	576	657	$\frac{5}{73}$	$\frac{1}{9}$	$\frac{13}{73}$	$\frac{34}{73}$	$\Phi_{657}\ \Phi_{219}$
20099	576	575	$\frac{41}{575}$	$\frac{77}{575}$	$\frac{83}{575}$	$\frac{267}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_{5}\ \Phi_{1}^{2}$
20100	576	679	$\frac{7}{97}$	$\frac{13}{97}$	$\frac{1}{7}$	$\frac{45}{97}$	Φ_{679}
20101	576	575	$\frac{43}{575}$	$\frac{59}{575}$	$\frac{103}{575}$	$\frac{266}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_{5}\ \Phi_{1}^{2}$
20102	576	145	$\frac{11}{145}$	$\frac{13}{145}$	$\frac{1}{5}$	$\frac{67}{145}$	$\Phi_{145}^{4}\ \Phi_{29}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
20103	576	390	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{390}^{2}\ \Phi_{195}^{2}\ \Phi_{130}\ \Phi_{78}^{2}\ \Phi_{65}\ \Phi_{30}^{2}\ \Phi_{26}\ \Phi_{15}^{2}\ \Phi_{6}^{2}$
20104	576	772	$\frac{13}{193}$	$\frac{15}{193}$	$\frac{1}{4}$	$\frac{89}{193}$	$\Phi_{772}\ \Phi_{386}$
20105	576	115	$\frac{7}{115}$	$\frac{9}{115}$	$\frac{31}{115}$	$\frac{53}{115}$	$\Phi_{115}^{5}\ \Phi_{23}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
20106	576	867	$\frac{13}{289}$	$\frac{23}{289}$	$\frac{1}{3}$	$\frac{133}{289}$	$\Phi_{867}\ \Phi_{51}$
20107	576	629	$\frac{1}{17}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	Φ_{629}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
20108	576	575	$\frac{26}{575}$	$\frac{49}{575}$	$\frac{183}{575}$	$\frac{263}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_{5}\ \Phi_{1}^{2}$
20109	576	575	$\frac{39}{575}$	$\frac{49}{575}$	$\frac{134}{575}$	$\frac{263}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_{5}\ \Phi_{1}^{2}$
20110	576	825	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{825}\ \Phi_{165}\ \Phi_{75}^{2}\ \Phi_{15}^{2}$
20111	576	517	$\frac{2}{47}$	$\frac{1}{11}$	$\frac{15}{47}$	$\frac{5}{11}$	$\Phi_{517}\ \Phi_{47}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
20112	576	209	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{209}^{3}\ \Phi_{19}^{2}$
20113	576	748	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{748}\ \Phi_{374}\ \Phi_{68}^{2}\ \Phi_{34}^{2}$
20114	576	517	$\frac{3}{47}$	$\frac{1}{11}$	$\frac{11}{47}$	$\frac{5}{11}$	$\Phi_{517}\ \Phi_{47}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
20115	576	715	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{715}\ \Phi_{65}^{2}$
20116	576	517	$\frac{1}{11}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{5}{11}$	$\Phi_{517}\ \Phi_{47}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
20117	576	693	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{63}^{2}\ \Phi_{21}^{2}$
20118	576	115	$\frac{7}{115}$	$\frac{11}{115}$	$\frac{27}{115}$	$\frac{52}{115}$	$\Phi_{115}^{5}\ \Phi_{23}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
20119	576	657	$\frac{7}{73}$	$\frac{1}{9}$	$\frac{10}{73}$	$\frac{33}{73}$	$\Phi_{657}\ \Phi_{219}$
20120	576	175	$\frac{1}{25}$	$\frac{17}{175}$	$\frac{8}{25}$	$\frac{79}{175}$	$\Phi_{175}^{3}\ \Phi_{35}^{3}\ \Phi_{25}^{5}\ \Phi_{7}^{3}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
20121	576	575	$\frac{57}{575}$	$\frac{62}{575}$	$\frac{79}{575}$	$\frac{259}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_{5}\ \Phi_{1}^{2}$
20122	576	637	$\frac{1}{13}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{637}\ \Phi_{91}$
20123	576	145	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{1}{5}$	$\frac{13}{29}$	$\Phi_{145}^{5}\ \Phi_{5}^{4}$
20124	576	575	$\frac{26}{575}$	$\frac{61}{575}$	$\frac{159}{575}$	$\frac{257}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_{5}\ \Phi_{1}^{2}$
20125	576	575	$\frac{53}{575}$	$\frac{61}{575}$	$\frac{87}{575}$	$\frac{257}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_{5}\ \Phi_{1}^{2}$
20126	576	867	$\frac{10}{289}$	$\frac{31}{289}$	$\frac{1}{3}$	$\frac{129}{289}$	$\Phi_{867}\ \Phi_{51}$
20127	576	130	$\frac{1}{10}$	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{29}{65}$	$\Phi_{130}^{5}\ \Phi_{65}^{4}\ \Phi_{26}^{5}\ \Phi_{13}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
20128	576	115	$\frac{4}{115}$	$\frac{13}{115}$	$\frac{37}{115}$	$\frac{51}{115}$	$\Phi_{115}^{5}\ \Phi_{23}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
20129	576	115	$\frac{11}{115}$	$\frac{13}{115}$	$\frac{16}{115}$	$\frac{51}{115}$	$\Phi_{115}^{5}\ \Phi_{23}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
20130	576	679	$\frac{9}{97}$	$\frac{11}{97}$	$\frac{1}{7}$	$\frac{43}{97}$	Φ_{679}
20131	576	575	$\frac{39}{575}$	$\frac{67}{575}$	$\frac{107}{575}$	$\frac{254}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_{5}\ \Phi_{1}^{2}$
20132	576	145	$\frac{9}{145}$	$\frac{17}{145}$	$\frac{1}{5}$	$\frac{64}{145}$	$\Phi_{145}^{4}\ \Phi_{29}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
20133	576	772	$\frac{9}{193}$	$\frac{23}{193}$	$\frac{1}{4}$	$\frac{85}{193}$	$\Phi_{772}\ \Phi_{386}$
20134	576	25	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{25}^{23}\ \Phi_{5}^{23}\ \Phi_{1}^{24}$
20135	576	867	$\frac{9}{289}$	$\frac{35}{289}$	$\frac{1}{3}$	$\frac{127}{289}$	$\Phi_{867}\ \Phi_{51}$
20136	576	528	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{528}^{2}\ \Phi_{176}^{2}\ \Phi_{48}\ \Phi_{33}^{2}\ \Phi_{16}^{2}\ \Phi_{11}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
20137	576	336	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{5}{21}$	$\frac{7}{16}$	$\Phi_{336}^{3}\ \Phi_{112}^{3}\ \Phi_{48}^{3}\ \Phi_{21}^{3}\ \Phi_{16}^{4}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
20138	576	1360	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{1360}\ \Phi_{85}$
20139	576	560	$\frac{3}{35}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{560}^{2}\ \Phi_{112}\ \Phi_{80}^{2}\ \Phi_{35}^{2}\ \Phi_{16}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
20140	576	144	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{144}^{7}\ \Phi_{48}^{7}\ \Phi_{16}^{8}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
20141	576	575	$\frac{27}{575}$	$\frac{73}{575}$	$\frac{137}{575}$	$\frac{251}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_{5}\ \Phi_{1}^{2}$
20142	576	629	$\frac{1}{17}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	Φ_{629}
20143	576	575	$\frac{41}{575}$	$\frac{81}{575}$	$\frac{89}{575}$	$\frac{247}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_{5}\ \Phi_{1}^{2}$
20144	576	777	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{777}\ \Phi_{111}^{2}$
20145	576	497	$\frac{2}{71}$	$\frac{1}{7}$	$\frac{23}{71}$	$\frac{3}{7}$	$\Phi_{497}\ \Phi_{71}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
20146	576	700	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{700}\ \Phi_{350}\ \Phi_{140}\ \Phi_{100}^{2}\ \Phi_{70}\ \Phi_{50}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
20147	576	497	$\frac{3}{71}$	$\frac{1}{7}$	$\frac{17}{71}$	$\frac{3}{7}$	$\Phi_{497}\ \Phi_{71}^2\ \Phi_7^2\ \Phi_1^4$
20148	576	665	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{665}\ \Phi_{95}^2$
20149	576	497	$\frac{5}{71}$	$\frac{1}{7}$	$\frac{11}{71}$	$\frac{3}{7}$	$\Phi_{497}\ \Phi_{71}^2\ \Phi_7^2\ \Phi_1^4$
20150	576	91	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{91}^7\ \Phi_{13}^6$
20151	576	497	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{497}\ \Phi_{71}^2\ \Phi_7^2\ \Phi_1^4$
20152	576	630	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_6^2$
20153	576	115	$\frac{11}{115}$	$\frac{13}{115}$	$\frac{17}{115}$	$\frac{49}{115}$	$\Phi_{115}^5\ \Phi_{23}^5\ \Phi_5^5\ \Phi_1^6$
20154	576	657	$\frac{7}{73}$	$\frac{1}{9}$	$\frac{11}{73}$	$\frac{31}{73}$	$\Phi_{657}\ \Phi_{219}$
20155	576	125	$\frac{1}{25}$	$\frac{19}{125}$	$\frac{6}{25}$	$\frac{53}{125}$	$\Phi_{125}^4\ \Phi_{25}^7\ \Phi_5^7\ \Phi_1^8$
20156	576	679	$\frac{7}{97}$	$\frac{1}{7}$	$\frac{15}{97}$	$\frac{41}{97}$	Φ_{679}
20157	576	575	$\frac{41}{575}$	$\frac{83}{575}$	$\frac{89}{575}$	$\frac{243}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20158	576	575	$\frac{29}{575}$	$\frac{91}{575}$	$\frac{111}{575}$	$\frac{242}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20159	576	145	$\frac{7}{145}$	$\frac{23}{145}$	$\frac{1}{5}$	$\frac{61}{145}$	$\Phi_{145}^4\ \Phi_{29}^4\ \Phi_5^3\ \Phi_1^4$
20160	576	772	$\frac{7}{193}$	$\frac{31}{193}$	$\frac{1}{4}$	$\frac{81}{193}$	$\Phi_{772}\ \Phi_{386}$
20161	576	575	$\frac{17}{575}$	$\frac{93}{575}$	$\frac{167}{575}$	$\frac{241}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20162	576	867	$\frac{7}{289}$	$\frac{47}{289}$	$\frac{1}{3}$	$\frac{121}{289}$	$\Phi_{867}\ \Phi_{51}$
20163	576	575	$\frac{14}{575}$	$\frac{97}{575}$	$\frac{187}{575}$	$\frac{239}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20164	576	629	$\frac{1}{37}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	Φ_{629}
20165	576	575	$\frac{19}{575}$	$\frac{109}{575}$	$\frac{139}{575}$	$\frac{233}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20166	576	735	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{735}\ \Phi_{147}^2\ \Phi_{105}\ \Phi_{21}^2$
20167	576	95	$\frac{2}{95}$	$\frac{1}{5}$	$\frac{31}{95}$	$\frac{2}{5}$	$\Phi_{95}^6\ \Phi_{19}^6\ \Phi_5^7\ \Phi_1^8$
20168	576	660	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{132}^2\ \Phi_{110}\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{44}^2\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_6^2$
20169	576	95	$\frac{3}{95}$	$\frac{1}{5}$	$\frac{23}{95}$	$\frac{2}{5}$	$\Phi_{95}^6\ \Phi_{19}^6\ \Phi_5^7\ \Phi_1^8$
20170	576	25	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{25}^{24}\ \Phi_5^{19}\ \Phi_1^{20}$
20171	576	95	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{95}^5\ \Phi_{19}^{10}\ \Phi_5^6\ \Phi_1^{12}$
20172	576	595	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{595}\ \Phi_{119}^2$
20173	576	95	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{95}^6\ \Phi_{19}^6\ \Phi_5^7\ \Phi_1^8$
20174	576	585	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{117}^2\ \Phi_{39}^2$
20175	576	70	$\frac{3}{35}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{70}^{10}\ \Phi_{35}^8\ \Phi_{14}^{10}\ \Phi_{10}^4\ \Phi_7^8\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
20176	576	575	$\frac{29}{575}$	$\frac{91}{575}$	$\frac{121}{575}$	$\frac{227}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20177	576	627	$\frac{1}{19}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{627}\ \Phi_{209}\ \Phi_{57}$
20178	576	575	$\frac{39}{575}$	$\frac{67}{575}$	$\frac{127}{575}$	$\frac{224}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20179	576	575	$\frac{11}{575}$	$\frac{129}{575}$	$\frac{188}{575}$	$\frac{223}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20180	576	575	$\frac{44}{575}$	$\frac{59}{575}$	$\frac{129}{575}$	$\frac{223}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20181	576	637	$\frac{1}{13}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{637}\ \Phi_{91}$
20182	576	637	$\frac{1}{49}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{637}\ \Phi_{91}$
20183	576	130	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{130}^5\ \Phi_{65}^5\ \Phi_{26}^5\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4$
20184	576	575	$\frac{43}{575}$	$\frac{59}{575}$	$\frac{133}{575}$	$\frac{221}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20185	576	657	$\frac{5}{73}$	$\frac{1}{9}$	$\frac{17}{73}$	$\frac{28}{73}$	$\Phi_{657}\ \Phi_{219}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
20186	576	679	$\frac{5}{97}$	$\frac{1}{7}$	$\frac{23}{97}$	$\frac{37}{97}$	Φ_{679}
20187	576	575	$\frac{27}{575}$	$\frac{89}{575}$	$\frac{137}{575}$	$\frac{219}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_{5}\ \Phi_{1}^2$
20188	576	145	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{7}{29}$	$\frac{11}{29}$	$\Phi_{145}^5\ \Phi_{5}^4$
20189	576	575	$\frac{19}{575}$	$\frac{119}{575}$	$\frac{139}{575}$	$\frac{218}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_{5}\ \Phi_{1}^2$
20190	576	772	$\frac{5}{193}$	$\frac{47}{193}$	$\frac{1}{4}$	$\frac{73}{193}$	$\Phi_{772}\ \Phi_{386}$
20191	576	575	$\frac{11}{575}$	$\frac{141}{575}$	$\frac{179}{575}$	$\frac{217}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_{5}\ \Phi_{1}^2$
20192	576	867	$\frac{5}{289}$	$\frac{71}{289}$	$\frac{1}{3}$	$\frac{109}{289}$	$\Phi_{867}\ \Phi_{51}$
20193	576	115	$\frac{3}{115}$	$\frac{28}{115}$	$\frac{29}{115}$	$\frac{43}{115}$	$\Phi_{115}^5\ \Phi_{23}^5\ \Phi_{5}^5\ \Phi_{1}^6$
20194	576	627	$\frac{1}{33}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{627}\ \Phi_{209}\ \Phi_{57}$
20195	576	25	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{25}^{23}\ \Phi_{5}^{23}\ \Phi_{1}^{24}$
20196	576	575	$\frac{31}{575}$	$\frac{68}{575}$	$\frac{169}{575}$	$\frac{203}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_{5}\ \Phi_{1}^2$
20197	576	629	$\frac{1}{17}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	Φ_{629}
20198	576	637	$\frac{1}{13}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{637}\ \Phi_{91}$
20199	576	575	$\frac{44}{575}$	$\frac{47}{575}$	$\frac{177}{575}$	$\frac{199}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_{5}\ \Phi_{1}^2$
20200	576	575	$\frac{32}{575}$	$\frac{63}{575}$	$\frac{181}{575}$	$\frac{197}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_{5}\ \Phi_{1}^2$
20201	576	657	$\frac{4}{73}$	$\frac{1}{9}$	$\frac{23}{73}$	$\frac{25}{73}$	$\Phi_{657}\ \Phi_{219}$
20202	576	679	$\frac{4}{97}$	$\frac{1}{7}$	$\frac{31}{97}$	$\frac{33}{97}$	Φ_{679}
20203	576	115	$\frac{4}{115}$	$\frac{19}{115}$	$\frac{37}{115}$	$\frac{39}{115}$	$\Phi_{115}^5\ \Phi_{23}^5\ \Phi_{5}^5\ \Phi_{1}^6$
20204	576	145	$\frac{4}{145}$	$\frac{1}{5}$	$\frac{47}{145}$	$\frac{49}{145}$	$\Phi_{145}^4\ \Phi_{29}^4\ \Phi_{5}^3\ \Phi_{1}^4$
20205	576	575	$\frac{14}{575}$	$\frac{127}{575}$	$\frac{187}{575}$	$\frac{194}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_{5}\ \Phi_{1}^2$
20206	576	772	$\frac{4}{193}$	$\frac{1}{4}$	$\frac{63}{193}$	$\frac{65}{193}$	$\Phi_{772}\ \Phi_{386}$
20207	576	575	$\frac{8}{575}$	$\frac{189}{575}$	$\frac{191}{575}$	$\frac{193}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_{5}\ \Phi_{1}^2$
20208	576	867	$\frac{4}{289}$	$\frac{95}{289}$	$\frac{1}{3}$	$\frac{97}{289}$	$\Phi_{867}\ \Phi_{51}$
20209	576	219	$\frac{1}{73}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{219}^3\ \Phi_{73}^2$
20210	576	429	$\frac{2}{143}$	$\frac{47}{143}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{429}\ \Phi_{143}^2\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_{3}^2\ \Phi_{1}^4$
20211	576	588	$\frac{1}{49}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{588}\ \Phi_{294}\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
20212	576	429	$\frac{3}{143}$	$\frac{35}{143}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{429}\ \Phi_{143}^2\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_{3}^2\ \Phi_{1}^4$
20213	576	555	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{555}\ \Phi_{185}^2$
20214	576	429	$\frac{5}{143}$	$\frac{23}{143}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{429}\ \Phi_{143}^2\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_{3}^2\ \Phi_{1}^4$
20215	576	525	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{525}\ \Phi_{175}^2\ \Phi_{105}\ \Phi_{35}^2$
20216	576	429	$\frac{7}{143}$	$\frac{17}{143}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{429}\ \Phi_{143}^2\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_{3}^2\ \Phi_{1}^4$
20217	576	171	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{171}^4\ \Phi_{57}^3\ \Phi_{19}^2$
20218	576	429	$\frac{8}{143}$	$\frac{15}{143}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{429}\ \Phi_{143}^2\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_{3}^2\ \Phi_{1}^4$
20219	576	510	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{170}^2\ \Phi_{102}\ \Phi_{85}^2\ \Phi_{34}^2$
20220	576	231	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}^2\ \Phi_{77}^4\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{11}^2\ \Phi_{7}^4\ \Phi_{3}^2\ \Phi_{1}^4$
20221	576	39	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{39}^{11}\ \Phi_{13}^{22}\ \Phi_{3}^{12}\ \Phi_{1}^{24}$
20222	576	1140	$\frac{2}{95}$	$\frac{1}{4}$	$\frac{31}{95}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{228}\ \Phi_{114}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_{6}^2$
20223	576	867	$\frac{7}{289}$	$\frac{65}{289}$	$\frac{94}{289}$	$\frac{1}{3}$	$\Phi_{867}\ \Phi_{51}$
20224	576	1065	$\frac{2}{71}$	$\frac{1}{5}$	$\frac{23}{71}$	$\frac{1}{3}$	$\Phi_{1065}\ \Phi_{15}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
20225	576	867	$\frac{10}{289}$	$\frac{49}{289}$	$\frac{93}{289}$	$\frac{1}{3}$	$\Phi_{867}\ \Phi_{51}$
20226	576	987	$\frac{2}{47}$	$\frac{1}{7}$	$\frac{15}{47}$	$\frac{1}{3}$	$\Phi_{987}\ \Phi_{21}^2$
20227	576	867	$\frac{16}{289}$	$\frac{33}{289}$	$\frac{91}{289}$	$\frac{1}{3}$	$\Phi_{867}\ \Phi_{51}$
20228	576	315	$\frac{2}{35}$	$\frac{1}{9}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_9^4\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
20229	576	867	$\frac{22}{289}$	$\frac{25}{289}$	$\frac{89}{289}$	$\frac{1}{3}$	$\Phi_{867}\ \Phi_{51}$
20230	576	897	$\frac{1}{13}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{897}\ \Phi_{39}^2$
20231	576	51	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{51}^{17}\ \Phi_3^{16}$
20232	576	855	$\frac{1}{19}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{855}\ \Phi_{171}\ \Phi_{57}$
20233	576	867	$\frac{13}{289}$	$\frac{46}{289}$	$\frac{81}{289}$	$\frac{1}{3}$	$\Phi_{867}\ \Phi_{51}$
20234	576	825	$\frac{1}{25}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{825}\ \Phi_{165}\ \Phi_{75}^2\ \Phi_{15}^2$
20235	576	867	$\frac{9}{289}$	$\frac{70}{289}$	$\frac{73}{289}$	$\frac{1}{3}$	$\Phi_{867}\ \Phi_{51}$
20236	576	132	$\frac{1}{33}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{33}^6\ \Phi_{22}^4\ \Phi_{12}^2\ \Phi_{11}^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
20237	576	1140	$\frac{3}{95}$	$\frac{23}{95}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{228}\ \Phi_{114}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
20238	576	300	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{12}^4\ \Phi_6^4$
20239	576	228	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^5\ \Phi_{114}^5\ \Phi_{12}^6\ \Phi_6^6$
20240	576	1428	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}$
20241	576	1140	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{228}\ \Phi_{114}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
20242	576	468	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{26}^2$
20243	576	1065	$\frac{3}{71}$	$\frac{1}{5}$	$\frac{17}{71}$	$\frac{1}{3}$	$\Phi_{1065}\ \Phi_{15}^2$
20244	576	867	$\frac{13}{289}$	$\frac{55}{289}$	$\frac{69}{289}$	$\frac{1}{3}$	$\Phi_{867}\ \Phi_{51}$
20245	576	255	$\frac{1}{17}$	$\frac{13}{85}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{255}^4\ \Phi_{51}\ \Phi_{15}^4$
20246	576	987	$\frac{3}{47}$	$\frac{1}{7}$	$\frac{11}{47}$	$\frac{1}{3}$	$\Phi_{987}\ \Phi_{21}^2$
20247	576	867	$\frac{21}{289}$	$\frac{37}{289}$	$\frac{67}{289}$	$\frac{1}{3}$	$\Phi_{867}\ \Phi_{51}$
20248	576	315	$\frac{3}{35}$	$\frac{1}{9}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_9^4\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
20249	576	930	$\frac{3}{31}$	$\frac{1}{10}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{930}\ \Phi_{465}\ \Phi_{186}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
20250	576	867	$\frac{28}{289}$	$\frac{29}{289}$	$\frac{65}{289}$	$\frac{1}{3}$	$\Phi_{867}\ \Phi_{51}$
20251	576	867	$\frac{25}{289}$	$\frac{33}{289}$	$\frac{64}{289}$	$\frac{1}{3}$	$\Phi_{867}\ \Phi_{51}$
20252	576	897	$\frac{1}{13}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{897}\ \Phi_{39}^2$
20253	576	867	$\frac{19}{289}$	$\frac{45}{289}$	$\frac{61}{289}$	$\frac{1}{3}$	$\Phi_{867}\ \Phi_{51}$
20254	576	285	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{285}^3\ \Phi_{57}^4$
20255	576	1065	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1065}\ \Phi_{15}^2$
20256	576	1365	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	Φ_{1365}
20257	576	1065	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1065}\ \Phi_{15}^2$
20258	576	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{90}^8\ \Phi_{45}^6\ \Phi_{30}^4\ \Phi_{18}^8\ \Phi_{15}^3\ \Phi_{10}^8\ \Phi_9^8\ \Phi_6^4\ \Phi_5^6\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
20259	576	987	$\frac{5}{47}$	$\frac{1}{7}$	$\frac{7}{47}$	$\frac{1}{3}$	$\Phi_{987}\ \Phi_{21}^2$
20260	576	867	$\frac{31}{289}$	$\frac{41}{289}$	$\frac{43}{289}$	$\frac{1}{3}$	$\Phi_{867}\ \Phi_{51}$
20261	576	63	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{63}^{10}\ \Phi_{21}^5\ \Phi_9^{12}\ \Phi_7^{10}\ \Phi_3^6\ \Phi_1^{12}$
20262	576	517	$\frac{2}{47}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{15}{47}$	$\Phi_{517}\ \Phi_{47}^2\ \Phi_{11}^2\ \Phi_1^4$
20263	576	940	$\frac{2}{47}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{15}{47}$	$\Phi_{940}\ \Phi_{470}\ \Phi_{20}^2\ \Phi_{10}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
20264	576	575	$\frac{26}{575}$	$\frac{98}{575}$	$\frac{159}{575}$	$\frac{183}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20265	576	145	$\frac{7}{145}$	$\frac{1}{5}$	$\frac{33}{145}$	$\frac{46}{145}$	$\Phi_{145}^4\ \Phi_{29}^4\ \Phi_5^3\ \Phi_1^4$
20266	576	575	$\frac{29}{575}$	$\frac{111}{575}$	$\frac{131}{575}$	$\frac{182}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20267	576	772	$\frac{10}{193}$	$\frac{33}{193}$	$\frac{1}{4}$	$\frac{61}{193}$	$\Phi_{772}\ \Phi_{386}$
20268	576	35	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{11}{35}$	$\Phi_{35}^{16}\ \Phi_7^{16}\ \Phi_5^{19}\ \Phi_1^{20}$
20269	576	575	$\frac{38}{575}$	$\frac{99}{575}$	$\frac{119}{575}$	$\frac{179}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20270	576	145	$\frac{2}{29}$	$\frac{5}{29}$	$\frac{1}{5}$	$\frac{9}{29}$	$\Phi_{145}^5\ \Phi_5^4$
20271	576	23	$\frac{2}{23}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{7}{23}$	$\Phi_{23}^{25}\ \Phi_1^{26}$
20272	576	828	$\frac{2}{23}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{138}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
20273	576	23	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{7}{23}$	$\Phi_{23}^{25}\ \Phi_1^{26}$
20274	576	805	$\frac{2}{23}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{805}\ \Phi_{35}^2$
20275	576	657	$\frac{7}{73}$	$\frac{1}{9}$	$\frac{17}{73}$	$\frac{22}{73}$	$\Phi_{657}\ \Phi_{219}$
20276	576	575	$\frac{56}{575}$	$\frac{67}{575}$	$\frac{127}{575}$	$\frac{173}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20277	576	679	$\frac{10}{97}$	$\frac{1}{7}$	$\frac{17}{97}$	$\frac{29}{97}$	Φ_{679}
20278	576	575	$\frac{62}{575}$	$\frac{79}{575}$	$\frac{101}{575}$	$\frac{171}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20279	576	145	$\frac{16}{145}$	$\frac{17}{145}$	$\frac{1}{5}$	$\frac{43}{145}$	$\Phi_{145}^4\ \Phi_{29}^4\ \Phi_5^3\ \Phi_1^4$
20280	576	115	$\frac{11}{115}$	$\frac{13}{115}$	$\frac{27}{115}$	$\frac{34}{115}$	$\Phi_{115}^5\ \Phi_{23}^5\ \Phi_5^5\ \Phi_1^6$
20281	576	772	$\frac{17}{193}$	$\frac{22}{193}$	$\frac{1}{4}$	$\frac{57}{193}$	$\Phi_{772}\ \Phi_{386}$
20282	576	527	$\frac{3}{31}$	$\frac{2}{17}$	$\frac{7}{31}$	$\frac{5}{17}$	$\Phi_{527}\ \Phi_{31}^2\ \Phi_{17}^2\ \Phi_1^4$
20283	576	765	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{45}^2\ \Phi_{15}^2$
20284	576	575	$\frac{51}{575}$	$\frac{74}{575}$	$\frac{131}{575}$	$\frac{167}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20285	576	90	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{90}^{10}\ \Phi_{45}^8\ \Phi_{18}^{10}\ \Phi_{10}^4\ \Phi_9^8\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
20286	576	657	$\frac{1}{9}$	$\frac{10}{73}$	$\frac{13}{73}$	$\frac{21}{73}$	$\Phi_{657}\ \Phi_{219}$
20287	576	273	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{273}^3\ \Phi_{91}\ \Phi_{39}^3$
20288	576	575	$\frac{59}{575}$	$\frac{86}{575}$	$\frac{103}{575}$	$\frac{163}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20289	576	145	$\frac{13}{145}$	$\frac{22}{145}$	$\frac{1}{5}$	$\frac{41}{145}$	$\Phi_{145}^4\ \Phi_{29}^4\ \Phi_5^3\ \Phi_1^4$
20290	576	748	$\frac{1}{17}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{748}\ \Phi_{374}\ \Phi_{68}^2\ \Phi_{34}^2$
20291	576	517	$\frac{3}{47}$	$\frac{2}{11}$	$\frac{11}{47}$	$\frac{3}{11}$	$\Phi_{517}\ \Phi_{47}^2\ \Phi_{11}^2\ \Phi_1^4$
20292	576	715	$\frac{1}{13}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{715}\ \Phi_{65}^2$
20293	576	517	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{517}\ \Phi_{47}^2\ \Phi_{11}^2\ \Phi_1^4$
20294	576	693	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{63}^2\ \Phi_{21}^2$
20295	576	629	$\frac{1}{17}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	Φ_{629}
20296	576	115	$\frac{7}{115}$	$\frac{22}{115}$	$\frac{27}{115}$	$\frac{31}{115}$	$\Phi_{115}^5\ \Phi_{23}^5\ \Phi_5^5\ \Phi_1^6$
20297	576	150	$\frac{1}{10}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{150}^5\ \Phi_{75}^4\ \Phi_{50}^5\ \Phi_{25}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
20298	576	637	$\frac{1}{13}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{637}\ \Phi_{91}$
20299	576	575	$\frac{53}{575}$	$\frac{87}{575}$	$\frac{122}{575}$	$\frac{151}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20300	576	657	$\frac{1}{9}$	$\frac{9}{73}$	$\frac{16}{73}$	$\frac{19}{73}$	$\Phi_{657}\ \Phi_{219}$
20301	576	575	$\frac{63}{575}$	$\frac{71}{575}$	$\frac{128}{575}$	$\frac{149}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20302	576	679	$\frac{9}{97}$	$\frac{1}{7}$	$\frac{22}{97}$	$\frac{25}{97}$	Φ_{679}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
20303	576	575	$\frac{39}{575}$	$\frac{107}{575}$	$\frac{134}{575}$	$\frac{147}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20304	576	145	$\frac{9}{145}$	$\frac{1}{5}$	$\frac{34}{145}$	$\frac{37}{145}$	$\Phi_{145}^4\ \Phi_{29}^4\ \Phi_5^3\ \Phi_1^4$
20305	576	575	$\frac{27}{575}$	$\frac{137}{575}$	$\frac{143}{575}$	$\frac{146}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20306	576	772	$\frac{9}{193}$	$\frac{46}{193}$	$\frac{1}{4}$	$\frac{49}{193}$	$\Phi_{772}\ \Phi_{386}$
20307	576	84	$\frac{1}{21}$	$\frac{5}{21}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{84}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{21}^9\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_7^9\ \Phi_6^6\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^{12}$
20308	576	340	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{340}^2\ \Phi_{170}^2\ \Phi_{85}^3$
20309	576	140	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^4\ \Phi_{70}^4\ \Phi_{35}^6\ \Phi_{28}^2\ \Phi_{20}^4\ \Phi_{14}^2\ \Phi_{10}^4\ \Phi_7^3\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
20310	576	36	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{36}^{14}\ \Phi_{18}^{14}\ \Phi_{12}^{14}\ \Phi_9^{21}\ \Phi_6^{14}\ \Phi_4^{16}\ \Phi_3^{21}\ \Phi_2^{16}\ \Phi_1^{24}$
20311	576	940	$\frac{3}{47}$	$\frac{1}{5}$	$\frac{11}{47}$	$\frac{1}{4}$	$\Phi_{940}\ \Phi_{470}\ \Phi_{20}^2\ \Phi_{10}^2$
20312	576	772	$\frac{13}{193}$	$\frac{37}{193}$	$\frac{45}{193}$	$\frac{1}{4}$	$\Phi_{772}\ \Phi_{386}$
20313	576	868	$\frac{3}{31}$	$\frac{1}{7}$	$\frac{7}{31}$	$\frac{1}{4}$	$\Phi_{868}\ \Phi_{434}\ \Phi_{28}^2\ \Phi_{14}^2$
20314	576	772	$\frac{21}{193}$	$\frac{25}{193}$	$\frac{43}{193}$	$\frac{1}{4}$	$\Phi_{772}\ \Phi_{386}$
20315	576	828	$\frac{1}{9}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{138}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
20316	576	772	$\frac{19}{193}$	$\frac{29}{193}$	$\frac{41}{193}$	$\frac{1}{4}$	$\Phi_{772}\ \Phi_{386}$
20317	576	260	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{260}^3\ \Phi_{130}^3\ \Phi_{52}^4\ \Phi_{26}^4$
20318	576	940	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{940}\ \Phi_{470}\ \Phi_{20}^2\ \Phi_{10}^2$
20319	576	1260	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{210}$
20320	576	35	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{8}{35}$	$\Phi_{35}^{16}\ \Phi_7^{16}\ \Phi_5^{19}\ \Phi_1^{20}$
20321	576	575	$\frac{51}{575}$	$\frac{111}{575}$	$\frac{116}{575}$	$\frac{131}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20322	576	145	$\frac{13}{145}$	$\frac{28}{145}$	$\frac{1}{5}$	$\frac{33}{145}$	$\Phi_{145}^4\ \Phi_{29}^4\ \Phi_5^3\ \Phi_1^4$
20323	576	23	$\frac{3}{23}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{5}{23}$	$\Phi_{23}^{25}\ \Phi_1^{26}$
20324	576	805	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{5}{23}$	$\Phi_{805}\ \Phi_{35}^2$
20325	576	115	$\frac{3}{23}$	$\frac{19}{115}$	$\frac{4}{23}$	$\frac{5}{23}$	$\Phi_{115}^6\ \Phi_{23}\ \Phi_5^6\ \Phi_1^2$
20326	576	679	$\frac{13}{97}$	$\frac{1}{7}$	$\frac{19}{97}$	$\frac{21}{97}$	Φ_{679}
20327	576	575	$\frac{77}{575}$	$\frac{83}{575}$	$\frac{113}{575}$	$\frac{123}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
20328	576	145	$\frac{19}{145}$	$\frac{21}{145}$	$\frac{1}{5}$	$\frac{31}{145}$	$\Phi_{145}^4\ \Phi_{29}^4\ \Phi_5^3\ \Phi_1^4$
20329	576	10	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{10}^{64}\ \Phi_5^{51}\ \Phi_2^{64}\ \Phi_1^{52}$
20330	576	175	$\frac{4}{35}$	$\frac{31}{175}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{175}^4\ \Phi_{25}^4\ \Phi_5^3\ \Phi_1^4$
20331	576	35	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{35}^{15}\ \Phi_7^{20}\ \Phi_5^{18}\ \Phi_1^{24}$
20332	577	1024	$\frac{1}{64}$	$\frac{65}{512}$	$\frac{447}{1024}$	$\frac{63}{128}$	$\Phi_{1024}\ \Phi_{128}\ \Phi_1$
20333	577	768	$\frac{1}{64}$	$\frac{191}{768}$	$\frac{65}{256}$	$\frac{63}{128}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
20334	577	696	$\frac{3}{116}$	$\frac{119}{696}$	$\frac{1}{4}$	$\frac{113}{232}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}\ \Phi_{29}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
20335	577	1120	$\frac{17}{560}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{543}{1120}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
20336	577	702	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{125}{702}$	$\frac{109}{234}$	$\Phi_{702}\ \Phi_{351}\ \Phi_{117}\ \Phi_{54}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_1$
20337	577	1080	$\frac{1}{18}$	$\frac{37}{540}$	$\frac{17}{54}$	$\frac{503}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
20338	577	1080	$\frac{37}{540}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{503}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
20339	577	792	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{215}{792}$	$\frac{181}{396}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
20340	577	672	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{95}{672}$	$\frac{73}{168}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
20341	577	1008	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{504}$	$\frac{431}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
20342	577	600	$\frac{23}{600}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
20343	577	630	$\frac{53}{630}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_7\ \Phi_5\ \Phi_1$
20344	577	720	$\frac{1}{24}$	$\frac{23}{120}$	$\frac{143}{720}$	$\frac{97}{240}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
20345	577	960	$\frac{1}{24}$	$\frac{23}{120}$	$\frac{97}{480}$	$\frac{383}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{120}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
20346	577	936	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{109}{468}$	$\frac{359}{936}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{39}\ \Phi_{24}\ \Phi_{13}\ \Phi_8\ \Phi_1$
20347	577	928	$\frac{3}{116}$	$\frac{113}{464}$	$\frac{1}{4}$	$\frac{351}{928}$	$\Phi_{928}\ \Phi_{116}\ \Phi_{58}\ \Phi_{32}\ \Phi_{29}\ \Phi_1$
20348	577	648	$\frac{1}{18}$	$\frac{71}{648}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
20349	577	864	$\frac{1}{72}$	$\frac{71}{216}$	$\frac{287}{864}$	$\frac{145}{432}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_1$
20350	577	810	$\frac{1}{18}$	$\frac{37}{270}$	$\frac{233}{810}$	$\frac{17}{54}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_1$
20351	577	840	$\frac{17}{280}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{263}{840}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
20352	577	756	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{179}{756}$	$\frac{73}{252}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
20353	577	810	$\frac{1}{9}$	$\frac{37}{270}$	$\frac{8}{45}$	$\frac{233}{810}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{162}\ \Phi_{81}\ \Phi_{45}\ \Phi_{15}\ \Phi_5\ \Phi_1$
20354	577	675	$\frac{1}{9}$	$\frac{98}{675}$	$\frac{8}{45}$	$\frac{37}{135}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_1$
20355	577	640	$\frac{63}{640}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
20356	577	700	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{123}{700}$	$\frac{1}{4}$	$\Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
20357	577	720	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{143}{720}$	$\frac{37}{180}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
20358	578	570	$\frac{4}{285}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{281}{570}$	$\Phi_{570}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
20359	578	348	$\frac{1}{58}$	$\frac{59}{348}$	$\frac{1}{3}$	$\frac{57}{116}$	$\Phi_{348}\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20360	578	1056	$\frac{1}{33}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{16}{33}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{96}\ \Phi_{33}\ \Phi_{32}^2\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
20361	578	264	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{16}{33}$	$\Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
20362	578	660	$\frac{1}{33}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
20363	578	1680	$\frac{9}{280}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{271}{560}$	$\Phi_{1680}\ \Phi_{336}\ \Phi_{240}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
20364	578	288	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{288}^4\ \Phi_{96}^3\ \Phi_{32}^4\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20365	578	352	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{15}{32}$	$\Phi_{352}^3\ \Phi_{32}^4\ \Phi_{22}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
20366	578	300	$\frac{11}{300}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20367	578	522	$\frac{1}{29}$	$\frac{28}{261}$	$\frac{1}{3}$	$\frac{233}{522}$	$\Phi_{522}^2\ \Phi_{174}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_2^2$
20368	578	210	$\frac{1}{35}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{210}^5\ \Phi_{105}\ \Phi_{70}^5\ \Phi_{42}^5\ \Phi_{30}^4\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}^5\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
20369	578	90	$\frac{1}{18}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{90}^7\ \Phi_{45}^7\ \Phi_{30}^5\ \Phi_{18}^6\ \Phi_{15}^7\ \Phi_{10}^5\ \Phi_9^6\ \Phi_6^4\ \Phi_5^6\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
20370	578	126	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{126}^5\ \Phi_{63}^5\ \Phi_{42}^5\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^5\ \Phi_9^4\ \Phi_7^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
20371	578	840	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
20372	578	180	$\frac{1}{18}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{180}^4\ \Phi_{90}^3\ \Phi_{60}^4\ \Phi_{45}^3\ \Phi_{36}^4\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_{10}\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
20373	578	252	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{252}^4\ \Phi_{126}\ \Phi_{84}^4\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}^4\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^4\ \Phi_4^2$
20374	578	1392	$\frac{1}{58}$	$\frac{57}{232}$	$\frac{1}{3}$	$\frac{175}{464}$	$\Phi_{1392}\ \Phi_{174}\ \Phi_{87}\ \Phi_{48}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
20375	578	348	$\frac{1}{29}$	$\frac{59}{348}$	$\frac{28}{87}$	$\frac{1}{3}$	$\Phi_{348}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
20376	578	420	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{131}{420}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20377	578	72	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{72}^8\ \Phi_{36}^8\ \Phi_{24}^7\ \Phi_{18}^{10}\ \Phi_{12}^7\ \Phi_9^{10}\ \Phi_8^6\ \Phi_6^9\ \Phi_4^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
20378	578	300	$\frac{11}{300}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
20379	578	180	$\frac{1}{18}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^3\ \Phi_{45}^4\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20380	578	1140	$\frac{4}{95}$	$\frac{1}{5}$	$\frac{91}{380}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{228}\ \Phi_{114}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
20381	578	960	$\frac{31}{320}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
20382	578	1050	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{350}$	$\frac{1}{3}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{150}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
20383	578	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{22}$	$\frac{7}{24}$	$\Phi_{264}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{24}^4\ \Phi_{22}^2\ \Phi_{12}^4\ \Phi_{11}\ \Phi_6^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^2$
20384	578	90	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{90}^7\ \Phi_{45}^6\ \Phi_{30}^7\ \Phi_{18}^6\ \Phi_{15}^7\ \Phi_{10}^7\ \Phi_9^5\ \Phi_6^6\ \Phi_5^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
20385	578	220	$\frac{1}{11}$	$\frac{3}{20}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{220}^3\ \Phi_{110}^3\ \Phi_{55}^3\ \Phi_{22}^2\ \Phi_{20}^4\ \Phi_{11}\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^2\ \Phi_1^2$
20386	579	1088	$\frac{1}{34}$	$\frac{35}{544}$	$\frac{509}{1088}$	$\frac{33}{68}$	$\Phi_{1088}\ \Phi_{68}\ \Phi_{64}\ \Phi_4\ \Phi_1$
20387	579	272	$\frac{1}{34}$	$\frac{35}{272}$	$\frac{79}{272}$	$\frac{33}{68}$	$\Phi_{272}^2\ \Phi_{136}^2\ \Phi_{68}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
20388	579	680	$\frac{1}{34}$	$\frac{101}{680}$	$\frac{35}{136}$	$\frac{33}{68}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
20389	579	238	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{45}{238}$	$\frac{103}{238}$	$\Phi_{238}^2\ \Phi_{119}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_7^3\ \Phi_2^2\ \Phi_1^3$
20390	579	340	$\frac{1}{34}$	$\frac{23}{170}$	$\frac{11}{34}$	$\frac{147}{340}$	$\Phi_{340}^3\ \Phi_{68}^3\ \Phi_{34}^2\ \Phi_{20}^3\ \Phi_{17}^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
20391	579	340	$\frac{1}{17}$	$\frac{23}{170}$	$\frac{16}{85}$	$\frac{147}{340}$	$\Phi_{340}^3\ \Phi_{85}\ \Phi_{68}^3\ \Phi_{20}^3\ \Phi_5\ \Phi_4^3\ \Phi_1$
20392	579	272	$\frac{1}{34}$	$\frac{11}{68}$	$\frac{79}{272}$	$\frac{57}{136}$	$\Phi_{272}^3\ \Phi_{68}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{16}^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
20393	579	680	$\frac{1}{17}$	$\frac{101}{680}$	$\frac{16}{85}$	$\frac{69}{170}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{136}\ \Phi_{85}\ \Phi_{68}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
20394	579	952	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{103}{476}$	$\frac{373}{952}$	$\Phi_{952}\ \Phi_{136}\ \Phi_{119}\ \Phi_{56}\ \Phi_8\ \Phi_7\ \Phi_1$
20395	579	249	$\frac{2}{83}$	$\frac{56}{249}$	$\frac{27}{83}$	$\frac{1}{3}$	$\Phi_{249}^2\ \Phi_{83}^3\ \Phi_3\ \Phi_1^3$
20396	579	255	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{62}{255}$	$\frac{23}{85}$	$\Phi_{255}^3\ \Phi_{85}\ \Phi_{51}^3\ \Phi_{15}^3\ \Phi_5\ \Phi_3^3\ \Phi_1$
20397	580	288	$\frac{1}{144}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{143}{288}$	$\Phi_{288}^4\ \Phi_{96}^4\ \Phi_{32}^4\ \Phi_3\ \Phi_1^2$
20398	580	920	$\frac{1}{115}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{57}{115}$	$\Phi_{920}\ \Phi_{184}\ \Phi_{115}\ \Phi_{40}\ \Phi_{23}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
20399	580	582	$\frac{1}{97}$	$\frac{49}{194}$	$\frac{1}{3}$	$\frac{48}{97}$	$\Phi_{582}^2\ \Phi_{291}\ \Phi_6^2$
20400	580	171	$\frac{1}{57}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{28}{57}$	$\Phi_{171}^3\ \Phi_{57}^4\ \Phi_{19}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
20401	580	114	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{28}{57}$	$\Phi_{114}^6\ \Phi_{57}^4\ \Phi_{38}^6\ \Phi_{19}^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
20402	580	579	$\frac{11}{579}$	$\frac{59}{579}$	$\frac{260}{579}$	$\frac{284}{579}$	$\Phi_{579}\ \Phi_{193}\ \Phi_3\ \Phi_1^2$
20403	580	78	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{10}{39}$	$\frac{19}{39}$	$\Phi_{78}^9\ \Phi_{39}^6\ \Phi_{26}^9\ \Phi_{13}^6\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
20404	580	579	$\frac{17}{579}$	$\frac{86}{579}$	$\frac{149}{579}$	$\frac{281}{579}$	$\Phi_{579}\ \Phi_{193}\ \Phi_3\ \Phi_1^2$
20405	580	291	$\frac{3}{97}$	$\frac{10}{97}$	$\frac{1}{3}$	$\frac{47}{97}$	$\Phi_{291}^3\ \Phi_3^2$
20406	580	1064	$\frac{1}{28}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{27}{56}$	$\Phi_{1064}\ \Phi_{152}\ \Phi_{56}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_1^2$
20407	580	1848	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{1848}\ \Phi_{264}\ \Phi_{33}$
20408	580	1064	$\frac{1}{28}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{27}{56}$	$\Phi_{1064}\ \Phi_{152}\ \Phi_{56}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_1^2$
20409	580	840	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{27}{56}$	$\Phi_{840}^2\ \Phi_{280}\ \Phi_{120}^2\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
20410	580	798	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{9}{19}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{114}\ \Phi_{57}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{19}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
20411	580	608	$\frac{1}{19}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{32}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
20412	580	665	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{9}{19}$	$\Phi_{665}\ \Phi_{95}\ \Phi_{35}^2\ \Phi_{19}\ \Phi_5^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
20413	580	378	$\frac{1}{21}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{378}^3\ \Phi_{126}^3\ \Phi_{54}^2\ \Phi_{42}^3\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20414	580	54	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{25}{54}$	$\Phi_{54}^8\ \Phi_{27}^{12}\ \Phi_{18}^{11}\ \Phi_9^{14}\ \Phi_6^{10}\ \Phi_3^{13}\ \Phi_2^{10}\ \Phi_1^{14}$
20415	580	390	$\frac{1}{13}$	$\frac{7}{65}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{78}\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{26}\ \Phi_{15}^2\ \Phi_{10}^2$
20416	580	840	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{14}\ \Phi_6$
20417	580	90	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{90}^6\ \Phi_{45}^6\ \Phi_{30}^8\ \Phi_{18}^6\ \Phi_{15}^8\ \Phi_{10}^8\ \Phi_9^4\ \Phi_6^8\ \Phi_5^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
20418	580	342	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{9}{38}$	$\frac{4}{9}$	$\Phi_{342}^2\ \Phi_{171}\ \Phi_{114}^2\ \Phi_{57}\ \Phi_{38}^4\ \Phi_{19}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
20419	580	126	$\frac{5}{63}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{126}^6\ \Phi_{63}^4\ \Phi_{42}^6\ \Phi_{21}^4\ \Phi_{18}^3\ \Phi_{14}^6\ \Phi_9^2\ \Phi_7^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20420	580	156	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{6}$	$\frac{23}{52}$	$\Phi_{156}^8\ \Phi_{78}\ \Phi_{52}^4\ \Phi_{39}\ \Phi_{26}\ \Phi_{12}^8\ \Phi_4^4$
20421	580	210	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_2^2$
20422	580	1050	$\frac{1}{21}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1050}\ \Phi_{350}\ \Phi_{210}\ \Phi_{150}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{14}\ \Phi_6$
20423	580	252	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{36}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20424	580	579	$\frac{14}{579}$	$\frac{113}{579}$	$\frac{173}{579}$	$\frac{233}{579}$	$\Phi_{579}\ \Phi_{193}\ \Phi_3\ \Phi_1^2$
20425	580	291	$\frac{2}{97}$	$\frac{19}{97}$	$\frac{1}{3}$	$\frac{39}{97}$	$\Phi_{291}^3\ \Phi_3^2$
20426	580	336	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{336}^3\ \Phi_{112}^3\ \Phi_{48}^2\ \Phi_{42}^3\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20427	580	1416	$\frac{1}{59}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1416}\ \Phi_{177}$
20428	580	920	$\frac{3}{115}$	$\frac{28}{115}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{920}\ \Phi_{184}\ \Phi_{115}\ \Phi_{40}\ \Phi_{23}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
20429	580	120	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^8\ \Phi_{40}^7\ \Phi_{30}^4\ \Phi_{24}^8\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_8^8\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
20430	580	552	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{552}^2\ \Phi_{184}\ \Phi_{69}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_3^2\ \Phi_1^2$
20431	580	147	$\frac{2}{147}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{147}^4\ \Phi_{49}^4\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
20432	580	216	$\frac{1}{72}$	$\frac{71}{216}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{216}^4\ \Phi_{108}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_3\ \Phi_1^2$
20433	580	444	$\frac{3}{148}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{444}\ \Phi_{222}\ \Phi_{148}^2\ \Phi_{111}\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_3\ \Phi_1^2$
20434	580	192	$\frac{1}{48}$	$\frac{47}{192}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{192}^4\ \Phi_{96}^4\ \Phi_{64}^4\ \Phi_{32}^4\ \Phi_3\ \Phi_1^2$
20435	580	297	$\frac{7}{297}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{297}^2\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
20436	580	36	$\frac{1}{36}$	$\frac{7}{36}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{36}^{16}\ \Phi_{18}^{16}\ \Phi_{12}^{16}\ \Phi_9^{16}\ \Phi_6^{16}\ \Phi_4^{16}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
20437	580	30	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{30}^{20}\ \Phi_{15}^{20}\ \Phi_{10}^{20}\ \Phi_6^{16}\ \Phi_5^{20}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
20438	580	168	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{168}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
20439	580	456	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{456}\ \Phi_{228}\ \Phi_{152}^2\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_3\ \Phi_1^2$
20440	580	153	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{153}^4\ \Phi_{51}^4\ \Phi_{17}^4\ \Phi_3\ \Phi_1^2$
20441	580	162	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{162}^4\ \Phi_{81}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_3\ \Phi_1^2$
20442	580	96	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{96}^5\ \Phi_{48}^4\ \Phi_{32}^{10}\ \Phi_{24}^4\ \Phi_{16}^8\ \Phi_{12}^4\ \Phi_8^8\ \Phi_6^4\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^{10}$
20443	580	156	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{156}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_3\ \Phi_1^2$
20444	580	342	$\frac{2}{57}$	$\frac{1}{6}$	$\frac{55}{171}$	$\frac{1}{3}$	$\Phi_{342}^3\ \Phi_{171}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20445	580	462	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{462}\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2$
20446	580	270	$\frac{1}{30}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{270}^3\ \Phi_{135}^3\ \Phi_{54}^3\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20447	580	1056	$\frac{1}{11}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{33}$
20448	580	114	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{9}{38}$	$\frac{1}{3}$	$\Phi_{114}^4\ \Phi_{57}^5\ \Phi_{38}^6\ \Phi_{19}^6\ \Phi_6^6\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
20449	580	252	$\frac{1}{21}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{36}^2\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
20450	580	1155	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{165}\ \Phi_{33}$
20451	580	798	$\frac{1}{14}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{13}{42}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{114}\ \Phi_{57}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{19}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
20452	580	210	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{70}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^5\ \Phi_5^4$
20453	580	270	$\frac{1}{9}$	$\frac{19}{135}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{270}^3\ \Phi_{135}^2\ \Phi_{90}^3\ \Phi_{45}^2\ \Phi_{30}^3\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20454	580	162	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{6}$	$\frac{23}{81}$	$\Phi_{162}^6\ \Phi_{81}^4\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20455	580	78	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{3}{13}$	$\frac{10}{39}$	$\Phi_{78}^9\ \Phi_{39}^5\ \Phi_{26}^9\ \Phi_{13}^8\ \Phi_6^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
20456	580	193	$\frac{9}{193}$	$\frac{46}{193}$	$\frac{48}{193}$	$\frac{49}{193}$	$\Phi_{193}^3\ \Phi_1^4$
20457	580	608	$\frac{3}{32}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{32}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
20458	580	480	$\frac{3}{32}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}\ \Phi_{120}^2\ \Phi_{80}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
20459	580	36	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{2}{9}$	$\Phi_{36}^{20}\ \Phi_{18}^{11}\ \Phi_{12}^{20}\ \Phi_9^{14}\ \Phi_6^{10}\ \Phi_4^{20}\ \Phi_3^{13}\ \Phi_2^{10}\ \Phi_1^{14}$
20460	580	665	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{6}{35}$	$\frac{4}{19}$	$\Phi_{665}\ \Phi_{95}\ \Phi_{35}^2\ \Phi_{19}\ \Phi_5^2\ \Phi_1^2$
20461	580	210	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
20462	581	928	$\frac{1}{116}$	$\frac{117}{464}$	$\frac{347}{928}$	$\frac{115}{232}$	$\Phi_{928}\ \Phi_{232}\ \Phi_{32}\ \Phi_8\ \Phi_1$
20463	581	1152	$\frac{5}{576}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{571}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_8\ \Phi_1$
20464	581	492	$\frac{1}{82}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{81}{164}$	$\Phi_{246}^2\ \Phi_{164}\ \Phi_{123}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
20465	581	1476	$\frac{1}{82}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{81}{164}$	$\Phi_{1476}\ \Phi_{164}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
20466	581	1140	$\frac{11}{570}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{559}{1140}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{228}\ \Phi_{76}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
20467	581	780	$\frac{4}{195}$	$\frac{1}{5}$	$\frac{199}{780}$	$\frac{191}{390}$	$\Phi_{780}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
20468	581	648	$\frac{2}{81}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
20469	581	112	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{112}^7\ \Phi_{56}^4\ \Phi_{28}^3\ \Phi_{16}^7\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
20470	581	160	$\frac{3}{80}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{77}{160}$	$\Phi_{160}^7\ \Phi_{40}\ \Phi_{32}^7\ \Phi_8\ \Phi_1$
20471	581	160	$\frac{3}{80}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{160}^7\ \Phi_{32}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
20472	581	120	$\frac{1}{20}$	$\frac{3}{40}$	$\frac{37}{120}$	$\frac{19}{40}$	$\Phi_{120}^7\ \Phi_{60}^7\ \Phi_{40}\ \Phi_{30}^7\ \Phi_{24}^7\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_8\ \Phi_6^7\ \Phi_3^7\ \Phi_1$
20473	581	640	$\frac{1}{20}$	$\frac{59}{640}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_8\ \Phi_1$
20474	581	650	$\frac{4}{65}$	$\frac{69}{650}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{650}\ \Phi_{325}\ \Phi_{65}\ \Phi_{50}\ \Phi_{25}\ \Phi_{13}\ \Phi_1$
20475	581	312	$\frac{5}{78}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{73}{156}$	$\Phi_{312}^2\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}^4\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
20476	581	1080	$\frac{1}{20}$	$\frac{41}{540}$	$\frac{19}{60}$	$\frac{499}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
20477	581	1080	$\frac{41}{540}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{499}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
20478	581	616	$\frac{6}{77}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{71}{154}$	$\Phi_{616}\ \Phi_{308}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}^2\ \Phi_{44}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_{11}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
20479	581	96	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{13}{96}$	$\frac{11}{24}$	$\Phi_{96}^7\ \Phi_{48}^7\ \Phi_{32}^7\ \Phi_{24}^4\ \Phi_{16}^7\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
20480	581	90	$\frac{7}{90}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{90}^6\ \Phi_{45}^7\ \Phi_{30}^6\ \Phi_{18}^6\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_9^7\ \Phi_6^6\ \Phi_5^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
20481	581	800	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{219}{800}$	$\frac{181}{400}$	$\Phi_{800}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_8\ \Phi_1$
20482	581	1044	$\frac{1}{29}$	$\frac{59}{522}$	$\frac{28}{87}$	$\frac{463}{1044}$	$\Phi_{1044}\ \Phi_{348}\ \Phi_{116}\ \Phi_{87}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
20483	581	1040	$\frac{4}{65}$	$\frac{61}{520}$	$\frac{1}{5}$	$\frac{459}{1040}$	$\Phi_{1040}\ \Phi_{208}\ \Phi_{80}\ \Phi_{65}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
20484	581	116	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{33}{116}$	$\frac{25}{58}$	$\Phi_{116}^7\ \Phi_{29}^6\ \Phi_4^7\ \Phi_1^7$
20485	581	144	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{72}$	$\frac{61}{144}$	$\Phi_{144}^7\ \Phi_{48}^7\ \Phi_{24}^4\ \Phi_{16}^7\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
20486	581	720	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{139}{720}$	$\frac{101}{240}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
20487	581	1000	$\frac{1}{20}$	$\frac{81}{500}$	$\frac{19}{100}$	$\frac{419}{1000}$	$\Phi_{1000}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_8\ \Phi_1$
20488	581	492	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{40}{123}$	$\frac{5}{12}$	$\Phi_{492}^2\ \Phi_{164}^2\ \Phi_{123}\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
20489	581	280	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{70}$	$\frac{57}{140}$	$\Phi_{280}^2\ \Phi_{140}\ \Phi_{70}^2\ \Phi_{56}^4\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{20}\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
20490	581	960	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{101}{480}$	$\frac{379}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{120}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
20491	581	864	$\frac{5}{288}$	$\frac{1}{4}$	$\frac{283}{864}$	$\frac{3}{8}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_8\ \Phi_1$
20492	581	592	$\frac{11}{592}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{592}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}\ \Phi_{37}\ \Phi_8\ \Phi_1$
20493	581	768	$\frac{5}{192}$	$\frac{187}{768}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_8\ \Phi_1$
20494	581	600	$\frac{19}{600}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
20495	581	720	$\frac{5}{144}$	$\frac{139}{720}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
20496	581	608	$\frac{27}{608}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_8\ \Phi_1$
20497	581	96	$\frac{5}{96}$	$\frac{13}{96}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{96}^6\ \Phi_{48}^6\ \Phi_{32}^6\ \Phi_{24}^6\ \Phi_{16}^6\ \Phi_{12}^6\ \Phi_8^7\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
20498	581	88	$\frac{5}{88}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{88}^7\ \Phi_{44}^7\ \Phi_{22}^7\ \Phi_{11}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
20499	581	624	$\frac{43}{624}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
20500	581	648	$\frac{5}{72}$	$\frac{67}{648}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_8\ \Phi_1$
20501	581	640	$\frac{5}{64}$	$\frac{59}{640}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
20502	581	600	$\frac{19}{600}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
20503	581	504	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
20504	581	696	$\frac{1}{29}$	$\frac{115}{696}$	$\frac{28}{87}$	$\frac{59}{174}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{116}\ \Phi_{87}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
20505	581	369	$\frac{1}{41}$	$\frac{2}{9}$	$\frac{40}{123}$	$\frac{1}{3}$	$\Phi_{369}^2\ \Phi_{123}\ \Phi_9^3\ \Phi_3\ \Phi_1$
20506	581	216	$\frac{2}{27}$	$\frac{1}{8}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{216}^3\ \Phi_{108}^2\ \Phi_{72}^3\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{24}^4\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
20507	581	360	$\frac{7}{90}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
20508	581	783	$\frac{1}{29}$	$\frac{59}{261}$	$\frac{202}{783}$	$\frac{28}{87}$	$\Phi_{783}\ \Phi_{87}\ \Phi_{27}\ \Phi_3\ \Phi_1$
20509	581	855	$\frac{11}{285}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{274}{855}$	$\Phi_{855}\ \Phi_{171}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
20510	581	720	$\frac{1}{20}$	$\frac{139}{720}$	$\frac{41}{180}$	$\frac{19}{60}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
20511	581	120	$\frac{3}{40}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{120}^7\ \Phi_{60}^7\ \Phi_{30}^7\ \Phi_{24}^7\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_8^3\ \Phi_6^7\ \Phi_4^2\ \Phi_3^7\ \Phi_2^2\ \Phi_1^3$
20512	581	216	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{216}^4\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
20513	581	675	$\frac{4}{45}$	$\frac{94}{675}$	$\frac{1}{5}$	$\frac{41}{135}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
20514	581	810	$\frac{4}{45}$	$\frac{41}{270}$	$\frac{1}{5}$	$\frac{229}{810}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{162}\ \Phi_{81}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
20515	581	780	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{61}{260}$	$\frac{199}{780}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{156}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
20516	581	96	$\frac{1}{8}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{96}^7\ \Phi_{48}^7\ \Phi_{32}^7\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_8^3\ \Phi_6^7\ \Phi_4^2\ \Phi_3^7\ \Phi_2^2\ \Phi_1^3$
20517	581	200	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{200}^4\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
20518	581	720	$\frac{4}{45}$	$\frac{139}{720}$	$\frac{1}{5}$	$\frac{41}{180}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
20519	582	960	$\frac{1}{96}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{95}{192}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_5\ \Phi_1^2$
20520	582	192	$\frac{1}{96}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{95}{192}$	$\Phi_{192}^6\ \Phi_{64}^6\ \Phi_{12}\ \Phi_6$
20521	582	166	$\frac{1}{83}$	$\frac{14}{83}$	$\frac{69}{166}$	$\frac{41}{83}$	$\Phi_{166}^6\ \Phi_{83}\ \Phi_2^6\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
20522	582	574	$\frac{4}{287}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{283}{574}$	$\Phi_{574}^2\ \Phi_{82}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
20523	582	260	$\frac{1}{65}$	$\frac{1}{4}$	$\frac{33}{130}$	$\frac{32}{65}$	$\Phi_{260}^3\ \Phi_{130}\ \Phi_{65}^2\ \Phi_{52}^3\ \Phi_{26}\ \Phi_{20}^3\ \Phi_{13}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
20524	582	380	$\frac{2}{95}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{93}{190}$	$\Phi_{380}^2\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{20}^3\ \Phi_{19}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
20525	582	468	$\frac{1}{39}$	$\frac{20}{117}$	$\frac{1}{4}$	$\frac{19}{39}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{36}^2\ \Phi_{26}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
20526	582	189	$\frac{5}{189}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{92}{189}$	$\Phi_{189}^3\ \Phi_{63}^3\ \Phi_{27}^3\ \Phi_{21}^3\ \Phi_9^3\ \Phi_7^5\ \Phi_3^3\ \Phi_1^6$
20527	582	392	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{101}{392}$	$\frac{95}{196}$	$\Phi_{392}^2\ \Phi_{98}^2\ \Phi_{56}^2\ \Phi_{49}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
20528	582	560	$\frac{11}{280}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{269}{560}$	$\Phi_{560}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
20529	582	364	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{85}{182}$	$\Phi_{364}^2\ \Phi_{91}^2\ \Phi_{52}^3\ \Phi_{28}^2\ \Phi_{26}\ \Phi_{13}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
20530	582	182	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{85}{182}$	$\Phi_{182}^6\ \Phi_{26}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
20531	582	420	$\frac{1}{15}$	$\frac{8}{105}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
20532	582	112	$\frac{1}{14}$	$\frac{15}{112}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{112}^6\ \Phi_{56}^6\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
20533	582	104	$\frac{7}{104}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{104}^6\ \Phi_{52}^5\ \Phi_{26}^5\ \Phi_{13}^6\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
20534	582	180	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{1}{4}$	$\frac{83}{180}$	$\Phi_{180}^2\ \Phi_{90}^4\ \Phi_{60}^3\ \Phi_{45}^4\ \Phi_{36}^2\ \Phi_{30}^5\ \Phi_{20}^3\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^5\ \Phi_9^4\ \Phi_6^5\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
20535	582	539	$\frac{43}{539}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{248}{539}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}^2\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
20536	582	168	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{84}$	$\frac{71}{168}$	$\Phi_{168}^6\ \Phi_{56}^6\ \Phi_{24}^6\ \Phi_{14}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
20537	582	166	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{14}{83}$	$\frac{69}{166}$	$\Phi_{166}^6\ \Phi_{83}\ \Phi_2^6\ \Phi_1^2$
20538	582	490	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{46}{245}$	$\frac{199}{490}$	$\Phi_{490}^2\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{49}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
20539	582	495	$\frac{2}{99}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}^2\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
20540	582	720	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{47}{144}$	$\frac{2}{5}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}^2\ \Phi_{90}\ \Phi_{72}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
20541	582	100	$\frac{3}{100}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{100}^6\ \Phi_{50}^6\ \Phi_{25}^6\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
20542	582	640	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{31}{128}$	$\frac{2}{5}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_5\ \Phi_1^2$
20543	582	120	$\frac{1}{24}$	$\frac{23}{120}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{120}^5\ \Phi_{60}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^4\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_5^6\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^6$
20544	582	510	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{102}^2\ \Phi_{85}\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_5\ \Phi_1^2$
20545	582	560	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}^2\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
20546	582	520	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{104}^2\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_5\ \Phi_1^2$
20547	582	540	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}^2\ \Phi_{90}\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
20548	582	308	$\frac{17}{308}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{308}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
20549	582	156	$\frac{1}{39}$	$\frac{19}{78}$	$\frac{1}{4}$	$\frac{59}{156}$	$\Phi_{156}^3\ \Phi_{78}^5\ \Phi_{52}^3\ \Phi_{39}^4\ \Phi_{26}^5\ \Phi_{13}^4\ \Phi_{12}^3\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
20550	582	888	$\frac{5}{296}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{888}\ \Phi_{444}\ \Phi_{222}\ \Phi_{111}\ \Phi_{12}\ \Phi_6$
20551	582	147	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{47}{147}$	$\frac{50}{147}$	$\Phi_{147}^3\ \Phi_{49}^6\ \Phi_{21}^3\ \Phi_7^5\ \Phi_3^3\ \Phi_1^6$
20552	582	438	$\frac{1}{73}$	$\frac{24}{73}$	$\frac{1}{3}$	$\frac{49}{146}$	$\Phi_{438}^3\ \Phi_{219}\ \Phi_6^3$
20553	582	396	$\frac{2}{99}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
20554	582	144	$\frac{1}{48}$	$\frac{1}{4}$	$\frac{47}{144}$	$\frac{1}{3}$	$\Phi_{144}^6\ \Phi_{72}^6\ \Phi_{36}^6\ \Phi_{18}^6\ \Phi_{12}\ \Phi_9^6\ \Phi_6$
20555	582	300	$\frac{3}{100}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
20556	582	384	$\frac{1}{32}$	$\frac{31}{128}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{12}\ \Phi_6$
20557	582	120	$\frac{1}{24}$	$\frac{23}{120}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{40}^6\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{12}\ \Phi_{10}^6\ \Phi_6\ \Phi_5^6$
20558	582	912	$\frac{13}{304}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{12}\ \Phi_6$
20559	582	204	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^4\ \Phi_{102}^2\ \Phi_{68}^4\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
20560	582	336	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{12}\ \Phi_6$
20561	582	312	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{12}\ \Phi_6$
20562	582	108	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{108}^6\ \Phi_{54}^6\ \Phi_{36}^6\ \Phi_{27}^6\ \Phi_{18}^6\ \Phi_{12}\ \Phi_9^6\ \Phi_6$
20563	582	960	$\frac{29}{320}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
20564	582	1140	$\frac{4}{95}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{91}{285}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{228}\ \Phi_{114}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
20565	582	900	$\frac{1}{15}$	$\frac{31}{225}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
20566	582	126	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{29}{126}$	$\frac{13}{42}$	$\Phi_{126}^6\ \Phi_{63}^6\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_9^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
20567	582	140	$\frac{11}{140}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{43}{140}$	$\Phi_{140}^4\ \Phi_{70}^4\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{14}^6\ \Phi_{10}^4\ \Phi_7^5\ \Phi_5^4\ \Phi_4^4\ \Phi_2^6\ \Phi_1^6$
20568	582	1092	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{4}$	$\frac{79}{273}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}\ \Phi_{42}\ \Phi_{26}\ \Phi_{12}\ \Phi_6$
20569	582	105	$\frac{8}{105}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{105}^6\ \Phi_{35}^6\ \Phi_{21}^3\ \Phi_{15}^6\ \Phi_7^5\ \Phi_5^6\ \Phi_3^3\ \Phi_1^6$
20570	582	126	$\frac{5}{63}$	$\frac{1}{7}$	$\frac{29}{126}$	$\frac{2}{7}$	$\Phi_{126}^6\ \Phi_{63}^3\ \Phi_{42}^6\ \Phi_{21}^3\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_9^3\ \Phi_7^5\ \Phi_6^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
20571	582	540	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{1}{4}$	$\frac{38}{135}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{108}^2\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
20572	582	120	$\frac{1}{15}$	$\frac{23}{120}$	$\frac{7}{30}$	$\frac{1}{4}$	$\Phi_{120}^6\ \Phi_{60}^3\ \Phi_{40}^6\ \Phi_{30}^5\ \Phi_{24}^6\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^5\ \Phi_8^6\ \Phi_6^5\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
20573	582	112	$\frac{15}{112}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{112}^6\ \Phi_{56}^4\ \Phi_{28}^4\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_8^4\ \Phi_7^5\ \Phi_4^4\ \Phi_2^6\ \Phi_1^6$
20574	582	350	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{59}{350}$	$\frac{3}{14}$	$\Phi_{350}^2\ \Phi_{175}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
20575	583	780	$\frac{2}{195}$	$\frac{197}{780}$	$\frac{1}{3}$	$\frac{193}{390}$	$\Phi_{780}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
20576	583	1152	$\frac{7}{576}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{569}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{12}\ \Phi_4\ \Phi_1$
20577	583	1152	$\frac{7}{576}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{569}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_9\ \Phi_1$
20578	583	702	$\frac{2}{117}$	$\frac{119}{702}$	$\frac{1}{3}$	$\frac{115}{234}$	$\Phi_{702}\ \Phi_{351}\ \Phi_{117}\ \Phi_{54}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_9\ \Phi_1$
20579	583	520	$\frac{1}{52}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{51}{104}$	$\Phi_{520}^2\ \Phi_{104}^3\ \Phi_{40}^2\ \Phi_{20}\ \Phi_8^3\ \Phi_4\ \Phi_1$
20580	583	1560	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{51}{104}$	$\Phi_{1560}\ \Phi_{312}\ \Phi_{120}\ \Phi_{104}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
20581	583	1140	$\frac{13}{570}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{557}{1140}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{228}\ \Phi_{76}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
20582	583	204	$\frac{2}{51}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{204}^3\ \Phi_{102}^2\ \Phi_{68}^3\ \Phi_{51}^3\ \Phi_{34}^2\ \Phi_{17}^3\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
20583	583	630	$\frac{2}{45}$	$\frac{47}{630}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_1$
20584	583	624	$\frac{2}{39}$	$\frac{41}{624}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
20585	583	72	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{72}^{11}\ \Phi_{36}^6\ \Phi_{24}^{11}\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^{11}\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
20586	583	672	$\frac{5}{84}$	$\frac{89}{672}$	$\frac{1}{6}$	$\frac{79}{168}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
20587	583	1092	$\frac{2}{39}$	$\frac{37}{546}$	$\frac{1}{3}$	$\frac{509}{1092}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{156}\ \Phi_{84}\ \Phi_{52}\ \Phi_{39}\ \Phi_{28}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
20588	583	1092	$\frac{37}{546}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{509}{1092}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{156}\ \Phi_{84}\ \Phi_{52}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
20589	583	1080	$\frac{2}{45}$	$\frac{43}{540}$	$\frac{1}{3}$	$\frac{497}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
20590	583	780	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{25}{78}$	$\frac{9}{20}$	$\Phi_{780}^2\ \Phi_{156}^2\ \Phi_{78}\ \Phi_{60}^2\ \Phi_{39}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
20591	583	280	$\frac{3}{56}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{280}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{20}\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4\ \Phi_1$
20592	583	260	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{12}{65}$	$\frac{9}{20}$	$\Phi_{260}^4\ \Phi_{65}\ \Phi_{52}^4\ \Phi_{20}^5\ \Phi_5\ \Phi_4^5\ \Phi_1$
20593	583	96	$\frac{1}{12}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{96}^{11}\ \Phi_{32}^{11}\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
20594	583	600	$\frac{17}{600}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
20595	583	1008	$\frac{5}{84}$	$\frac{79}{504}$	$\frac{1}{6}$	$\frac{425}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
20596	583	864	$\frac{7}{288}$	$\frac{1}{6}$	$\frac{281}{864}$	$\frac{5}{12}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
20597	583	600	$\frac{17}{600}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
20598	583	768	$\frac{7}{192}$	$\frac{1}{6}$	$\frac{185}{768}$	$\frac{5}{12}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{12}\ \Phi_4\ \Phi_1$
20599	583	612	$\frac{29}{612}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
20600	583	720	$\frac{7}{144}$	$\frac{1}{6}$	$\frac{137}{720}$	$\frac{5}{12}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
20601	583	624	$\frac{41}{624}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
20602	583	672	$\frac{7}{96}$	$\frac{89}{672}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
20603	583	60	$\frac{1}{12}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{60}^{11}\ \Phi_{30}^{11}\ \Phi_{20}^{11}\ \Phi_{15}^{11}\ \Phi_{12}^{5}\ \Phi_{10}^{11}\ \Phi_6^4\ \Phi_5^{11}\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
20604	583	648	$\frac{7}{72}$	$\frac{65}{648}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
20605	583	180	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{180}^3\ \Phi_{90}^2\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}^6\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{18}^5\ \Phi_{15}^3\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_9^5\ \Phi_6^4\ \Phi_5^3\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
20606	583	54	$\frac{1}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{54}^{11}\ \Phi_{27}^{11}\ \Phi_{18}^{10}\ \Phi_9^{11}\ \Phi_6^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
20607	583	936	$\frac{2}{117}$	$\frac{115}{468}$	$\frac{1}{3}$	$\frac{353}{936}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{39}\ \Phi_{24}\ \Phi_{13}\ \Phi_9\ \Phi_8\ \Phi_1$
20608	583	432	$\frac{1}{54}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{432}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{54}\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
20609	583	864	$\frac{7}{288}$	$\frac{2}{9}$	$\frac{281}{864}$	$\frac{1}{3}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
20610	583	675	$\frac{2}{45}$	$\frac{92}{675}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
20611	583	855	$\frac{13}{285}$	$\frac{2}{15}$	$\frac{272}{855}$	$\frac{1}{3}$	$\Phi_{855}\ \Phi_{171}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
20612	583	819	$\frac{2}{39}$	$\frac{37}{273}$	$\frac{236}{819}$	$\frac{1}{3}$	$\Phi_{819}\ \Phi_{117}\ \Phi_{63}\ \Phi_{39}\ \Phi_{13}\ \Phi_9\ \Phi_1$
20613	583	810	$\frac{2}{45}$	$\frac{43}{270}$	$\frac{227}{810}$	$\frac{1}{3}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{162}\ \Phi_{81}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
20614	583	165	$\frac{2}{55}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{165}^3\ \Phi_{55}^5\ \Phi_{33}^3\ \Phi_{15}^2\ \Phi_{11}^5\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
20615	583	720	$\frac{2}{45}$	$\frac{137}{720}$	$\frac{43}{180}$	$\frac{1}{3}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
20616	583	612	$\frac{29}{612}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_9\ \Phi_1$
20617	583	720	$\frac{7}{144}$	$\frac{137}{720}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
20618	583	648	$\frac{7}{72}$	$\frac{65}{648}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
20619	583	390	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{25}{78}$	$\Phi_{390}\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{30}\ \Phi_{26}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
20620	583	756	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{173}{756}$	$\frac{79}{252}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
20621	583	840	$\frac{3}{56}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_3\ \Phi_1$
20622	583	195	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{195}^4\ \Phi_{65}\ \Phi_{39}^4\ \Phi_{15}^5\ \Phi_5\ \Phi_3^5\ \Phi_1$
20623	583	72	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{72}^{11}\ \Phi_{36}^{11}\ \Phi_{18}^{11}\ \Phi_{12}^5\ \Phi_9^{11}\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
20624	584	435	$\frac{1}{145}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{72}{145}$	$\Phi_{435}\ \Phi_{145}^2\ \Phi_{87}\ \Phi_{29}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
20625	584	583	$\frac{5}{583}$	$\frac{147}{583}$	$\frac{218}{583}$	$\frac{289}{583}$	$\Phi_{583}\ \Phi_{53}\ \Phi_{11}\ \Phi_1^2$
20626	584	879	$\frac{3}{293}$	$\frac{74}{293}$	$\frac{1}{3}$	$\frac{145}{293}$	Φ_{879}
20627	584	1008	$\frac{1}{72}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{71}{144}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}^2\ \Phi_{112}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_7\ \Phi_1^2$
20628	584	720	$\frac{1}{72}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{71}{144}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{80}^2\ \Phi_{15}$
20629	584	265	$\frac{1}{53}$	$\frac{27}{265}$	$\frac{119}{265}$	$\frac{26}{53}$	$\Phi_{265}^2\ \Phi_{53}^3\ \Phi_5^2\ \Phi_1^4$
20630	584	490	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{25}{98}$	$\frac{24}{49}$	$\Phi_{490}^2\ \Phi_{245}\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{10}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
20631	584	143	$\frac{3}{143}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{70}{143}$	$\Phi_{143}^4\ \Phi_{13}^4\ \Phi_{11}^5\ \Phi_1^6$
20632	584	561	$\frac{23}{561}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{269}{561}$	$\Phi_{561}\ \Phi_{187}\ \Phi_{51}\ \Phi_{33}^2\ \Phi_{17}\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
20633	584	140	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{67}{140}$	$\Phi_{140}^8\ \Phi_{35}\ \Phi_{28}^8\ \Phi_{20}^8\ \Phi_4^8$
20634	584	420	$\frac{1}{21}$	$\frac{11}{84}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2$
20635	584	99	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{26}{99}$	$\frac{47}{99}$	$\Phi_{99}^6\ \Phi_{33}^6\ \Phi_{11}^5\ \Phi_9^6\ \Phi_3^6\ \Phi_1^6$
20636	584	159	$\frac{3}{53}$	$\frac{13}{159}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{159}^4\ \Phi_{53}^3\ \Phi_3^4\ \Phi_1^4$
20637	584	429	$\frac{6}{143}$	$\frac{1}{11}$	$\frac{137}{429}$	$\frac{5}{11}$	$\Phi_{429}^2\ \Phi_{39}^2\ \Phi_{33}^2\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
20638	584	77	$\frac{4}{77}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{77}^8\ \Phi_{11}^5\ \Phi_7^8\ \Phi_1^6$
20639	584	132	$\frac{1}{11}$	$\frac{7}{66}$	$\frac{5}{33}$	$\frac{59}{132}$	$\Phi_{132}^8\ \Phi_{44}^8\ \Phi_{33}^2\ \Phi_{12}^8\ \Phi_{11}\ \Phi_4^8\ \Phi_3^2\ \Phi_1^2$
20640	584	525	$\frac{2}{75}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{525}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{35}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
20641	584	756	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{35}{108}$	$\frac{3}{7}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_7\ \Phi_1^2$
20642	584	532	$\frac{3}{76}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{532}\ \Phi_{266}\ \Phi_{133}\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_7\ \Phi_1^2$
20643	584	672	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{23}{96}$	$\frac{3}{7}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{112}\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_7\ \Phi_1^2$
20644	584	385	$\frac{4}{77}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{385}^2\ \Phi_{55}^2\ \Phi_{35}$
20645	584	630	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{17}{90}$	$\frac{3}{7}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
20646	584	546	$\frac{5}{78}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{546}\ \Phi_{273}\ \Phi_{182}\ \Phi_{91}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_1^2$
20647	584	84	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{84}^7\ \Phi_{42}^7\ \Phi_{28}^7\ \Phi_{21}^7\ \Phi_{14}^7\ \Phi_{12}^6\ \Phi_7^8\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^8$
20648	584	560	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}^2\ \Phi_{70}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
20649	584	567	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{567}\ \Phi_{189}\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_7\ \Phi_1^2$
20650	584	165	$\frac{1}{11}$	$\frac{19}{165}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{165}^4\ \Phi_{55}^4\ \Phi_{33}^2\ \Phi_{15}^4\ \Phi_{11}\ \Phi_5^4\ \Phi_3^2\ \Phi_1^2$
20651	584	630	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{1}{5}$	$\frac{53}{126}$	$\Phi_{630}^2\ \Phi_{210}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
20652	584	495	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{495}$	$\frac{203}{495}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}^2\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{15}\ \Phi_{11}\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
20653	584	477	$\frac{1}{53}$	$\frac{107}{477}$	$\frac{52}{159}$	$\frac{185}{477}$	$\Phi_{477}\ \Phi_{159}^2\ \Phi_{53}\ \Phi_9\ \Phi_3^2\ \Phi_1^2$
20654	584	106	$\frac{1}{53}$	$\frac{13}{53}$	$\frac{33}{106}$	$\frac{20}{53}$	$\Phi_{106}^8\ \Phi_{53}^3\ \Phi_2^8\ \Phi_1^4$
20655	584	222	$\frac{1}{74}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{222}^3\ \Phi_{111}^3\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_6^3\ \Phi_2^2$
20656	584	75	$\frac{2}{75}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{75}^8\ \Phi_{25}^8\ \Phi_{15}^7\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
20657	584	87	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{87}^7\ \Phi_{29}^6\ \Phi_3^8\ \Phi_1^8$
20658	584	540	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{35}{108}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{15}$
20659	584	1140	$\frac{3}{76}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{285}\ \Phi_{15}$
20660	584	480	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{23}{96}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{15}$
20661	584	765	$\frac{7}{153}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{85}\ \Phi_{15}$
20662	584	90	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{90}^6\ \Phi_{45}^6\ \Phi_{30}^6\ \Phi_{18}^8\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_9^8\ \Phi_6^8\ \Phi_5^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
20663	584	390	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{15}$
20664	584	420	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{15}$
20665	584	240	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{240}^4\ \Phi_{120}^3\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4$
20666	584	405	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{405}^2\ \Phi_{135}^2\ \Phi_{15}$
20667	584	945	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{43}{189}$	$\frac{20}{63}$	$\Phi_{945}\ \Phi_{135}\ \Phi_{105}\ \Phi_{35}\ \Phi_{15}$
20668	584	105	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{32}{105}$	$\Phi_{105}^8\ \Phi_{35}\ \Phi_{21}^8\ \Phi_{15}^8\ \Phi_3^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
20669	584	99	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{26}{99}$	$\Phi_{99}^{8}\ \Phi_{33}^{2}\ \Phi_{11}\ \Phi_{9}^{8}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
20670	584	420	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{105}^{2}\ \Phi_{60}^{2}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}$
20671	584	175	$\frac{1}{7}$	$\frac{29}{175}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{175}^{4}\ \Phi_{35}\ \Phi_{25}^{4}$
20672	585	232	$\frac{1}{116}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{115}{232}$	$\Phi_{232}\ \Phi_{116}^{4}\ \Phi_{58}^{4}\ \Phi_{29}^{4}\ \Phi_{8}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
20673	585	784	$\frac{3}{196}$	$\frac{1}{4}$	$\frac{199}{784}$	$\frac{193}{392}$	$\Phi_{784}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{49}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
20674	585	128	$\frac{1}{64}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{63}{128}$	$\Phi_{128}^{9}\ \Phi_{16}\ \Phi_{1}$
20675	585	128	$\frac{1}{64}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{63}{128}$	$\Phi_{128}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
20676	585	264	$\frac{1}{44}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{43}{88}$	$\Phi_{132}^{4}\ \Phi_{88}\ \Phi_{66}^{4}\ \Phi_{44}^{4}\ \Phi_{33}^{4}\ \Phi_{24}\ \Phi_{22}^{4}\ \Phi_{12}^{4}\ \Phi_{11}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
20677	585	1320	$\frac{1}{44}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{120}\ \Phi_{88}\ \Phi_{40}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
20678	585	792	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{43}{88}$	$\Phi_{792}^{2}\ \Phi_{88}\ \Phi_{72}^{2}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
20679	585	176	$\frac{1}{44}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{43}{88}$	$\Phi_{176}^{4}\ \Phi_{88}\ \Phi_{44}^{4}\ \Phi_{22}^{4}\ \Phi_{16}^{5}\ \Phi_{11}^{4}\ \Phi_{8}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
20680	585	532	$\frac{1}{38}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{37}{76}$	$\Phi_{266}^{2}\ \Phi_{133}^{2}\ \Phi_{76}\ \Phi_{38}^{2}\ \Phi_{28}\ \Phi_{19}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
20681	585	532	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{37}{76}$	$\Phi_{532}^{2}\ \Phi_{76}^{3}\ \Phi_{28}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
20682	585	228	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{37}{76}$	$\Phi_{228}^{2}\ \Phi_{114}^{4}\ \Phi_{76}\ \Phi_{57}^{4}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{12}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
20683	585	630	$\frac{2}{63}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
20684	585	252	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{61}{126}$	$\Phi_{252}^{3}\ \Phi_{84}^{3}\ \Phi_{63}^{3}\ \Phi_{36}^{3}\ \Phi_{28}^{4}\ \Phi_{21}^{3}\ \Phi_{14}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
20685	585	224	$\frac{1}{28}$	$\frac{29}{224}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{224}^{3}\ \Phi_{112}^{3}\ \Phi_{32}^{3}\ \Phi_{28}^{3}\ \Phi_{16}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
20686	585	224	$\frac{5}{112}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{107}{224}$	$\Phi_{224}^{5}\ \Phi_{32}^{5}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
20687	585	440	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{440}^{2}\ \Phi_{110}^{2}\ \Phi_{88}\ \Phi_{55}^{2}\ \Phi_{40}^{2}\ \Phi_{22}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
20688	585	73	$\frac{4}{73}$	$\frac{5}{73}$	$\frac{23}{73}$	$\frac{34}{73}$	$\Phi_{73}^{8}\ \Phi_{1}^{9}$
20689	585	532	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{6}{19}$	$\frac{13}{28}$	$\Phi_{532}^{2}\ \Phi_{76}^{2}\ \Phi_{28}^{3}\ \Phi_{19}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
20690	585	28	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{28}^{15}\ \Phi_{14}^{27}\ \Phi_{7}^{27}\ \Phi_{4}^{14}\ \Phi_{2}^{26}\ \Phi_{1}^{27}$
20691	585	264	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{7}{22}$	$\frac{11}{24}$	$\Phi_{264}^{4}\ \Phi_{88}^{4}\ \Phi_{24}^{5}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
20692	585	48	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{48}^{12}\ \Phi_{24}^{9}\ \Phi_{16}^{15}\ \Phi_{12}^{12}\ \Phi_{8}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{14}\ \Phi_{3}^{12}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
20693	585	264	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{11}{24}$	$\Phi_{264}^{4}\ \Phi_{88}^{4}\ \Phi_{24}^{5}\ \Phi_{11}^{4}\ \Phi_{8}^{5}\ \Phi_{1}^{5}$
20694	585	120	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{120}^{10}\ \Phi_{40}^{10}\ \Phi_{30}^{2}\ \Phi_{24}^{5}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{8}^{5}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
20695	585	73	$\frac{7}{73}$	$\frac{8}{73}$	$\frac{10}{73}$	$\frac{33}{73}$	$\Phi_{73}^{8}\ \Phi_{1}^{9}$
20696	585	616	$\frac{31}{616}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
20697	585	560	$\frac{1}{16}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}^{2}\ \Phi_{56}\ \Phi_{40}^{2}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
20698	585	96	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{31}{96}$	$\frac{7}{16}$	$\Phi_{96}^{9}\ \Phi_{48}^{9}\ \Phi_{24}^{9}\ \Phi_{16}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{3}^{9}\ \Phi_{1}$
20699	585	608	$\frac{23}{608}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{1}$
20700	585	272	$\frac{3}{68}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{272}^{4}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{1}$
20701	585	256	$\frac{3}{64}$	$\frac{1}{8}$	$\frac{61}{256}$	$\frac{7}{16}$	$\Phi_{256}^{3}\ \Phi_{128}^{3}\ \Phi_{16}\ \Phi_{1}$
20702	585	16	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{16}^{37}\ \Phi_{8}^{36}\ \Phi_{4}^{36}\ \Phi_{2}^{36}\ \Phi_{1}^{37}$
20703	585	336	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{336}^{4}\ \Phi_{112}^{2}\ \Phi_{48}^{2}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
20704	585	128	$\frac{11}{128}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{128}^{5}\ \Phi_{64}^{4}\ \Phi_{32}^{4}\ \Phi_{16}^{5}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
20705	585	224	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{29}{224}$	$\frac{7}{16}$	$\Phi_{224}^{3}\ \Phi_{112}^{3}\ \Phi_{56}^{3}\ \Phi_{28}^{3}\ \Phi_{16}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{1}$
20706	585	144	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{144}^{8}\ \Phi_{72}\ \Phi_{48}^{8}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
20707	585	112	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{1}{4}$	$\frac{47}{112}$	$\Phi_{112}^{9}\,\Phi_{28}^{3}\,\Phi_{16}^{9}\,\Phi_{14}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
20708	585	360	$\frac{7}{72}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{360}^{2}\,\Phi_{180}^{2}\,\Phi_{120}^{2}\,\Phi_{90}^{2}\,\Phi_{72}\,\Phi_{45}^{2}\,\Phi_{40}^{2}\,\Phi_{36}\,\Phi_{30}^{2}\,\Phi_{24}\,\Phi_{18}\,\Phi_{15}^{2}\,\Phi_{10}\,\Phi_{9}\,\Phi_{8}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
20709	585	110	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{110}^{6}\,\Phi_{55}^{6}\,\Phi_{22}\,\Phi_{11}^{5}\,\Phi_{10}^{5}\,\Phi_{5}^{5}\,\Phi_{1}^{5}$
20710	585	64	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{64}^{15}\,\Phi_{16}^{7}\,\Phi_{8}^{6}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
20711	585	73	$\frac{5}{73}$	$\frac{8}{73}$	$\frac{17}{73}$	$\frac{28}{73}$	$\Phi_{73}^{8}\,\Phi_{1}^{9}$
20712	585	232	$\frac{1}{58}$	$\frac{1}{4}$	$\frac{19}{58}$	$\frac{3}{8}$	$\Phi_{232}^{4}\,\Phi_{58}^{2}\,\Phi_{29}^{2}\,\Phi_{8}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
20713	585	40	$\frac{1}{40}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{40}^{15}\,\Phi_{20}^{15}\,\Phi_{10}^{15}\,\Phi_{8}^{12}\,\Phi_{5}^{15}\,\Phi_{4}^{14}\,\Phi_{2}^{14}\,\Phi_{1}^{15}$
20714	585	1160	$\frac{1}{29}$	$\frac{28}{145}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1160}\,\Phi_{145}\,\Phi_{40}\,\Phi_{8}\,\Phi_{5}\,\Phi_{1}$
20715	585	232	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{232}^{4}\,\Phi_{29}^{4}\,\Phi_{8}^{5}\,\Phi_{1}^{5}$
20716	585	280	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^{4}\,\Phi_{70}^{2}\,\Phi_{56}^{2}\,\Phi_{40}^{2}\,\Phi_{35}^{2}\,\Phi_{14}\,\Phi_{10}\,\Phi_{8}\,\Phi_{7}\,\Phi_{5}\,\Phi_{1}$
20717	585	80	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{80}^{8}\,\Phi_{40}^{8}\,\Phi_{20}^{5}\,\Phi_{16}^{7}\,\Phi_{10}^{7}\,\Phi_{8}^{7}\,\Phi_{5}^{7}\,\Phi_{4}^{4}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
20718	585	196	$\frac{1}{49}$	$\frac{1}{4}$	$\frac{16}{49}$	$\frac{33}{98}$	$\Phi_{196}^{4}\,\Phi_{98}\,\Phi_{49}^{3}\,\Phi_{28}^{4}\,\Phi_{14}\,\Phi_{7}^{3}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
20719	585	292	$\frac{1}{73}$	$\frac{24}{73}$	$\frac{97}{292}$	$\frac{49}{146}$	$\Phi_{292}^{3}\,\Phi_{73}^{2}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
20720	585	330	$\frac{1}{22}$	$\frac{2}{15}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{330}^{2}\,\Phi_{165}^{2}\,\Phi_{110}^{2}\,\Phi_{55}^{2}\,\Phi_{30}^{2}\,\Phi_{22}^{2}\,\Phi_{15}^{3}\,\Phi_{11}^{2}\,\Phi_{10}^{2}\,\Phi_{5}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
20721	585	240	$\frac{1}{16}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^{3}\,\Phi_{120}^{3}\,\Phi_{80}^{3}\,\Phi_{60}^{2}\,\Phi_{40}^{3}\,\Phi_{30}^{2}\,\Phi_{20}^{2}\,\Phi_{16}^{3}\,\Phi_{15}^{3}\,\Phi_{10}^{2}\,\Phi_{8}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
20722	585	420	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{420}^{2}\,\Phi_{210}\,\Phi_{140}^{2}\,\Phi_{105}\,\Phi_{84}\,\Phi_{70}\,\Phi_{60}^{2}\,\Phi_{35}\,\Phi_{30}^{2}\,\Phi_{28}\,\Phi_{21}\,\Phi_{20}^{2}\,\Phi_{15}^{2}\,\Phi_{12}\,\Phi_{10}\,\Phi_{7}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
20723	585	360	$\frac{7}{72}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}^{2}\,\Phi_{180}^{2}\,\Phi_{120}^{2}\,\Phi_{90}\,\Phi_{72}\,\Phi_{60}^{2}\,\Phi_{45}\,\Phi_{40}^{2}\,\Phi_{36}\,\Phi_{30}^{2}\,\Phi_{24}\,\Phi_{20}^{2}\,\Phi_{15}^{2}\,\Phi_{12}\,\Phi_{10}\,\Phi_{9}\,\Phi_{8}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
20724	585	165	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{165}^{4}\,\Phi_{55}^{4}\,\Phi_{15}^{5}\,\Phi_{11}^{4}\,\Phi_{5}^{5}\,\Phi_{1}^{5}$
20725	585	30	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{30}^{19}\,\Phi_{15}^{20}\,\Phi_{10}^{18}\,\Phi_{6}^{21}\,\Phi_{5}^{19}\,\Phi_{3}^{21}\,\Phi_{2}^{20}\,\Phi_{1}^{21}$
20726	585	96	$\frac{1}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{31}{96}$	$\Phi_{96}^{9}\,\Phi_{48}^{9}\,\Phi_{24}^{9}\,\Phi_{12}^{9}\,\Phi_{6}^{9}\,\Phi_{4}^{2}\,\Phi_{3}^{9}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
20727	585	84	$\frac{1}{28}$	$\frac{19}{84}$	$\frac{1}{4}$	$\frac{9}{28}$	$\Phi_{84}^{9}\,\Phi_{42}^{9}\,\Phi_{28}^{3}\,\Phi_{21}^{9}\,\Phi_{14}^{3}\,\Phi_{12}^{9}\,\Phi_{7}^{3}\,\Phi_{6}^{9}\,\Phi_{4}^{2}\,\Phi_{3}^{9}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
20728	585	198	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{7}{22}$	$\Phi_{198}^{4}\,\Phi_{99}^{4}\,\Phi_{22}^{2}\,\Phi_{18}^{5}\,\Phi_{11}^{2}\,\Phi_{9}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
20729	585	176	$\frac{1}{22}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{7}{22}$	$\Phi_{176}^{4}\,\Phi_{88}^{4}\,\Phi_{22}^{2}\,\Phi_{16}^{5}\,\Phi_{11}^{2}\,\Phi_{8}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
20730	585	133	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{6}{19}$	$\Phi_{133}^{4}\,\Phi_{19}^{6}\,\Phi_{7}^{6}\,\Phi_{1}^{9}$
20731	585	228	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{228}^{4}\,\Phi_{114}^{2}\,\Phi_{76}^{2}\,\Phi_{57}^{2}\,\Phi_{19}^{2}\,\Phi_{12}^{6}\,\Phi_{6}^{3}\,\Phi_{4}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
20732	585	73	$\frac{4}{73}$	$\frac{10}{73}$	$\frac{21}{73}$	$\frac{23}{73}$	$\Phi_{73}^{8}\,\Phi_{1}^{9}$
20733	585	354	$\frac{7}{118}$	$\frac{1}{6}$	$\frac{27}{118}$	$\frac{37}{118}$	$\Phi_{354}^{2}\,\Phi_{177}^{2}\,\Phi_{118}\,\Phi_{59}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
20734	585	292	$\frac{19}{292}$	$\frac{45}{292}$	$\frac{67}{292}$	$\frac{91}{292}$	$\Phi_{292}^{2}\,\Phi_{146}^{2}\,\Phi_{73}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
20735	585	196	$\frac{13}{196}$	$\frac{27}{196}$	$\frac{1}{4}$	$\frac{61}{196}$	$\Phi_{196}^{3}\,\Phi_{98}^{3}\,\Phi_{49}^{3}\,\Phi_{28}^{3}\,\Phi_{14}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
20736	585	56	$\frac{5}{56}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{17}{56}$	$\Phi_{56}^{10}\,\Phi_{28}^{11}\,\Phi_{14}^{11}\,\Phi_{8}^{10}\,\Phi_{7}^{11}\,\Phi_{4}^{10}\,\Phi_{2}^{10}\,\Phi_{1}^{11}$
20737	585	73	$\frac{7}{73}$	$\frac{8}{73}$	$\frac{17}{73}$	$\frac{22}{73}$	$\Phi_{73}^{8}\,\Phi_{1}^{9}$
20738	585	28	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{28}^{28}\,\Phi_{14}^{13}\,\Phi_{7}^{15}\,\Phi_{4}^{27}\,\Phi_{2}^{12}\,\Phi_{1}^{15}$
20739	585	322	$\frac{1}{14}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{322}^{2}\,\Phi_{161}^{2}\,\Phi_{46}\,\Phi_{23}\,\Phi_{14}\,\Phi_{7}\,\Phi_{1}$
20740	585	144	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{144}^{6}\,\Phi_{72}^{6}\,\Phi_{36}^{4}\,\Phi_{18}^{5}\,\Phi_{16}^{3}\,\Phi_{9}^{5}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
20741	585	198	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{5}{18}$	$\Phi_{198}^{4}\,\Phi_{99}^{4}\,\Phi_{18}^{5}\,\Phi_{11}^{4}\,\Phi_{9}^{5}\,\Phi_{1}^{5}$
20742	585	90	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{90}^{10}\,\Phi_{45}^{10}\,\Phi_{30}^{2}\,\Phi_{18}^{5}\,\Phi_{15}^{2}\,\Phi_{10}\,\Phi_{9}^{5}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
20743	585	292	$\frac{17}{292}$	$\frac{55}{292}$	$\frac{71}{292}$	$\frac{79}{292}$	$\Phi_{292}^{2}\,\Phi_{146}^{2}\,\Phi_{73}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
20744	585	196	$\frac{11}{196}$	$\frac{37}{196}$	$\frac{1}{4}$	$\frac{53}{196}$	$\Phi_{196}^{3}\,\Phi_{98}^{3}\,\Phi_{49}^{3}\,\Phi_{28}^{3}\,\Phi_{14}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
20745	585	68	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{68}^{9}\ \Phi_{34}^{9}\ \Phi_{17}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
20746	585	256	$\frac{3}{64}$	$\frac{61}{256}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{256}^{3}\ \Phi_{128}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
20747	585	16	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{16}^{36}\ \Phi_{8}^{36}\ \Phi_{4}^{38}\ \Phi_{2}^{38}\ \Phi_{1}^{39}$
20748	585	84	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{84}^{8}\ \Phi_{42}^{10}\ \Phi_{28}^{4}\ \Phi_{21}^{10}\ \Phi_{14}^{5}\ \Phi_{12}^{4}\ \Phi_{7}^{5}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
20749	585	224	$\frac{3}{32}$	$\frac{29}{224}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{224}^{3}\ \Phi_{112}^{3}\ \Phi_{56}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
20750	585	72	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{72}^{9}\ \Phi_{36}^{9}\ \Phi_{24}^{9}\ \Phi_{18}^{9}\ \Phi_{12}^{9}\ \Phi_{9}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{2}\ \Phi_{3}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
20751	585	176	$\frac{3}{44}$	$\frac{3}{16}$	$\frac{41}{176}$	$\frac{1}{4}$	$\Phi_{176}^{3}\ \Phi_{88}^{3}\ \Phi_{44}^{4}\ \Phi_{22}^{4}\ \Phi_{16}^{4}\ \Phi_{11}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
20752	585	84	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{84}$	$\frac{1}{4}$	$\Phi_{84}^{6}\ \Phi_{42}^{6}\ \Phi_{28}^{7}\ \Phi_{21}^{9}\ \Phi_{14}^{7}\ \Phi_{12}^{6}\ \Phi_{7}^{9}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
20753	585	224	$\frac{3}{28}$	$\frac{29}{224}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{224}^{3}\ \Phi_{112}^{2}\ \Phi_{56}^{2}\ \Phi_{32}^{3}\ \Phi_{28}^{3}\ \Phi_{16}^{2}\ \Phi_{14}^{3}\ \Phi_{8}^{2}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
20754	585	176	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{176}^{4}\ \Phi_{88}^{4}\ \Phi_{16}^{5}\ \Phi_{11}^{4}\ \Phi_{8}^{5}\ \Phi_{1}^{5}$
20755	585	240	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{240}^{4}\ \Phi_{120}^{4}\ \Phi_{80}^{2}\ \Phi_{48}^{2}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
20756	585	140	$\frac{3}{28}$	$\frac{23}{140}$	$\frac{5}{28}$	$\frac{1}{4}$	$\Phi_{140}^{5}\ \Phi_{70}^{5}\ \Phi_{35}^{5}\ \Phi_{28}\ \Phi_{20}^{5}\ \Phi_{14}\ \Phi_{10}^{5}\ \Phi_{7}\ \Phi_{5}^{5}\ \Phi_{1}$
20757	586	582	$\frac{2}{291}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{289}{582}$	$\Phi_{582}^{2}\ \Phi_{194}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
20758	586	468	$\frac{1}{117}$	$\frac{59}{234}$	$\frac{175}{468}$	$\frac{58}{117}$	$\Phi_{468}^{2}\ \Phi_{156}^{2}\ \Phi_{117}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{36}^{2}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
20759	586	1176	$\frac{1}{98}$	$\frac{99}{392}$	$\frac{1}{3}$	$\frac{97}{196}$	$\Phi_{1176}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{6}$
20760	586	580	$\frac{3}{290}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{287}{580}$	$\Phi_{580}^{2}\ \Phi_{116}^{2}\ \Phi_{20}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
20761	586	520	$\frac{1}{65}$	$\frac{33}{260}$	$\frac{227}{520}$	$\frac{32}{65}$	$\Phi_{520}^{2}\ \Phi_{104}^{2}\ \Phi_{65}\ \Phi_{40}^{2}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
20762	586	390	$\frac{1}{65}$	$\frac{97}{390}$	$\frac{33}{130}$	$\frac{32}{65}$	$\Phi_{390}^{2}\ \Phi_{195}^{2}\ \Phi_{78}^{2}\ \Phi_{65}\ \Phi_{39}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{13}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
20763	586	576	$\frac{5}{288}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{283}{576}$	$\Phi_{576}^{2}\ \Phi_{192}^{2}\ \Phi_{64}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
20764	586	576	$\frac{5}{288}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{283}{576}$	$\Phi_{576}^{2}\ \Phi_{192}^{2}\ \Phi_{64}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
20765	586	1722	$\frac{6}{287}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{281}{574}$	$\Phi_{1722}\ \Phi_{246}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
20766	586	540	$\frac{1}{45}$	$\frac{23}{270}$	$\frac{247}{540}$	$\frac{22}{45}$	$\Phi_{540}^{2}\ \Phi_{180}^{2}\ \Phi_{108}^{2}\ \Phi_{60}^{2}\ \Phi_{45}\ \Phi_{36}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
20767	586	405	$\frac{1}{45}$	$\frac{23}{135}$	$\frac{112}{405}$	$\frac{22}{45}$	$\Phi_{405}^{2}\ \Phi_{81}^{2}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
20768	586	360	$\frac{1}{45}$	$\frac{67}{360}$	$\frac{23}{90}$	$\frac{22}{45}$	$\Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
20769	586	336	$\frac{1}{42}$	$\frac{43}{336}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{112}^{2}\ \Phi_{56}^{2}\ \Phi_{48}^{2}\ \Phi_{42}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
20770	586	572	$\frac{7}{286}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{279}{572}$	$\Phi_{572}^{2}\ \Phi_{52}^{2}\ \Phi_{44}^{2}\ \Phi_{13}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
20771	586	546	$\frac{1}{39}$	$\frac{20}{273}$	$\frac{253}{546}$	$\frac{19}{39}$	$\Phi_{546}^{2}\ \Phi_{182}^{2}\ \Phi_{78}^{2}\ \Phi_{42}^{2}\ \Phi_{39}\ \Phi_{26}^{2}\ \Phi_{14}^{2}\ \Phi_{13}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
20772	586	570	$\frac{8}{285}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{277}{570}$	$\Phi_{570}^{2}\ \Phi_{190}^{2}\ \Phi_{114}^{2}\ \Phi_{38}^{2}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
20773	586	567	$\frac{19}{567}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{274}{567}$	$\Phi_{567}\ \Phi_{189}\ \Phi_{81}\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}^{2}\ \Phi_{9}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
20774	586	567	$\frac{19}{567}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{274}{567}$	$\Phi_{567}\ \Phi_{189}\ \Phi_{81}\ \Phi_{63}\ \Phi_{27}^{2}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
20775	586	396	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{103}{396}$	$\frac{95}{198}$	$\Phi_{396}^{2}\ \Phi_{132}^{2}\ \Phi_{99}^{2}\ \Phi_{44}^{2}\ \Phi_{36}^{2}\ \Phi_{33}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
20776	586	1680	$\frac{13}{280}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{267}{560}$	$\Phi_{1680}\ \Phi_{336}\ \Phi_{240}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
20777	586	924	$\frac{15}{308}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{231}\ \Phi_{132}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{21}\ \Phi_{6}$
20778	586	546	$\frac{1}{21}$	$\frac{20}{273}$	$\frac{1}{3}$	$\frac{253}{546}$	$\Phi_{546}^{2}\ \Phi_{182}^{2}\ \Phi_{78}^{2}\ \Phi_{42}^{2}\ \Phi_{26}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
20779	586	429	$\frac{7}{143}$	$\frac{1}{13}$	$\frac{136}{429}$	$\frac{6}{13}$	$\Phi_{429}^{2}\ \Phi_{39}^{2}\ \Phi_{33}^{2}\ \Phi_{13}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
20780	586	312	$\frac{19}{312}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{312}^{2}\ \Phi_{156}^{2}\ \Phi_{104}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{39}^{2}\ \Phi_{24}^{2}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
20781	586	540	$\frac{1}{15}$	$\frac{23}{270}$	$\frac{7}{30}$	$\frac{247}{540}$	$\Phi_{540}^{2}\ \Phi_{180}^{2}\ \Phi_{108}^{2}\ \Phi_{60}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
20782	586	540	$\frac{23}{270}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{247}{540}$	$\Phi_{540}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
20783	586	432	$\frac{5}{144}$	$\frac{1}{9}$	$\frac{139}{432}$	$\frac{4}{9}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
20784	586	306	$\frac{13}{306}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
20785	586	360	$\frac{5}{72}$	$\frac{1}{9}$	$\frac{67}{360}$	$\frac{4}{9}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
20786	586	324	$\frac{31}{324}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
20787	586	525	$\frac{1}{15}$	$\frac{61}{525}$	$\frac{14}{75}$	$\frac{232}{525}$	$\Phi_{525}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{35}\ \Phi_{25}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
20788	586	360	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{67}{360}$	$\frac{53}{120}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20789	586	324	$\frac{31}{324}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
20790	586	504	$\frac{1}{42}$	$\frac{41}{252}$	$\frac{1}{3}$	$\frac{211}{504}$	$\Phi_{504}^2\ \Phi_{168}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20791	586	300	$\frac{7}{300}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20792	586	495	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{495}$	$\frac{202}{495}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}^2\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
20793	586	1470	$\frac{1}{49}$	$\frac{48}{245}$	$\frac{1}{3}$	$\frac{197}{490}$	$\Phi_{1470}\ \Phi_{294}\ \Phi_{210}\ \Phi_{147}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_6$
20794	586	435	$\frac{3}{145}$	$\frac{1}{5}$	$\frac{142}{435}$	$\frac{2}{5}$	$\Phi_{435}^2\ \Phi_{87}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
20795	586	300	$\frac{7}{300}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
20796	586	480	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{53}{240}$	$\frac{187}{480}$	$\Phi_{480}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{60}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20797	586	468	$\frac{1}{39}$	$\frac{19}{78}$	$\frac{59}{234}$	$\frac{175}{468}$	$\Phi_{468}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20798	586	450	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{68}{225}$	$\frac{157}{450}$	$\Phi_{450}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20799	586	441	$\frac{2}{147}$	$\frac{145}{441}$	$\frac{1}{3}$	$\frac{148}{441}$	$\Phi_{441}\ \Phi_{147}^2\ \Phi_{63}\ \Phi_{49}^2\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
20800	586	378	$\frac{1}{42}$	$\frac{85}{378}$	$\frac{41}{126}$	$\frac{1}{3}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20801	586	432	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{139}{432}$	$\frac{1}{3}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20802	586	420	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{127}{420}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20803	586	315	$\frac{22}{315}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
20804	586	306	$\frac{13}{306}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20805	586	384	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{91}{384}$	$\frac{1}{3}$	$\Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20806	586	336	$\frac{1}{14}$	$\frac{43}{336}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{336}^2\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20807	586	378	$\frac{2}{21}$	$\frac{19}{189}$	$\frac{85}{378}$	$\frac{1}{3}$	$\Phi_{378}^2\ \Phi_{189}\ \Phi_{126}^2\ \Phi_{63}\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20808	586	312	$\frac{19}{312}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20809	586	360	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{360}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20810	586	1050	$\frac{1}{14}$	$\frac{57}{350}$	$\frac{13}{70}$	$\frac{1}{3}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{150}\ \Phi_{75}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
20811	586	324	$\frac{31}{324}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20812	586	336	$\frac{5}{48}$	$\frac{43}{336}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20813	586	324	$\frac{31}{324}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
20814	586	378	$\frac{19}{189}$	$\frac{1}{9}$	$\frac{85}{378}$	$\frac{8}{27}$	$\Phi_{378}^2\ \Phi_{189}\ \Phi_{126}^2\ \Phi_{63}\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9\ \Phi_7\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20815	586	405	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{135}$	$\frac{112}{405}$	$\Phi_{405}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
20816	586	360	$\frac{1}{15}$	$\frac{67}{360}$	$\frac{7}{30}$	$\frac{23}{90}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
20817	588	876	$\frac{1}{146}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{145}{292}$	$\Phi_{876}\ \Phi_{292}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
20818	588	485	$\frac{1}{97}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{48}{97}$	$\Phi_{485}\ \Phi_{97}^2\ \Phi_5^2\ \Phi_1^4$
20819	588	1164	$\frac{1}{97}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{48}{97}$	$\Phi_{1164}\ \Phi_{582}\ \Phi_{12}^2\ \Phi_6^2$
20820	588	587	$\frac{7}{587}$	$\frac{99}{587}$	$\frac{244}{587}$	$\frac{290}{587}$	$\Phi_{587}\ \Phi_1^2$
20821	588	996	$\frac{1}{83}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{41}{83}$	$\Phi_{996}\ \Phi_{332}\ \Phi_{83}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
20822	588	747	$\frac{1}{83}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{41}{83}$	$\Phi_{747}\ \Phi_{83}\ \Phi_9^2\ \Phi_1^2$
20823	588	870	$\frac{2}{145}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{143}{290}$	$\Phi_{870}^2\ \Phi_{174}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
20824	588	788	$\frac{3}{197}$	$\frac{1}{4}$	$\frac{50}{197}$	$\frac{97}{197}$	$\Phi_{788}\ \Phi_{394}$
20825	588	587	$\frac{9}{587}$	$\frac{146}{587}$	$\frac{149}{587}$	$\frac{289}{587}$	$\Phi_{587}\ \Phi_1^2$
20826	588	177	$\frac{1}{59}$	$\frac{10}{59}$	$\frac{1}{3}$	$\frac{29}{59}$	$\Phi_{177}^5\ \Phi_3^4$
20827	588	1056	$\frac{1}{48}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{47}{96}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{11}\ \Phi_1^2$
20828	588	672	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{672}^2\ \Phi_{224}^2\ \Phi_{21}$
20829	588	1056	$\frac{1}{48}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{47}{96}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{11}\ \Phi_1^2$
20830	588	480	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{47}{96}$	$\Phi_{480}^3\ \Phi_{160}^3\ \Phi_{20}\ \Phi_{10}$
20831	588	533	$\frac{1}{41}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{20}{41}$	$\Phi_{533}\ \Phi_{41}^2\ \Phi_{13}^2\ \Phi_1^4$
20832	588	984	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{246}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
20833	588	587	$\frac{15}{587}$	$\frac{43}{587}$	$\frac{272}{587}$	$\frac{286}{587}$	$\Phi_{587}\ \Phi_1^2$
20834	588	462	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{462}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{77}\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{14}^2$
20835	588	680	$\frac{3}{85}$	$\frac{1}{8}$	$\frac{22}{85}$	$\frac{41}{85}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}\ \Phi_{68}\ \Phi_{40}\ \Phi_{34}\ \Phi_{20}\ \Phi_{10}$
20836	588	1080	$\frac{1}{27}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{13}{27}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}^2\ \Phi_{27}\ \Phi_{24}\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
20837	588	270	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{13}{27}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}^3\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_9^3\ \Phi_6^2\ \Phi_5^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
20838	588	216	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{216}^3\ \Phi_{108}^2\ \Phi_{72}^3\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
20839	588	675	$\frac{1}{27}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{13}{27}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{75}\ \Phi_{27}\ \Phi_{25}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
20840	588	587	$\frac{25}{587}$	$\frac{62}{587}$	$\frac{153}{587}$	$\frac{281}{587}$	$\Phi_{587}\ \Phi_1^2$
20841	588	885	$\frac{13}{295}$	$\frac{22}{295}$	$\frac{1}{3}$	$\frac{141}{295}$	$\Phi_{885}\ \Phi_{177}\ \Phi_{15}$
20842	588	587	$\frac{29}{587}$	$\frac{44}{587}$	$\frac{181}{587}$	$\frac{279}{587}$	$\Phi_{587}\ \Phi_1^2$
20843	588	120	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{120}^9\ \Phi_{40}^{10}\ \Phi_{24}^9\ \Phi_{15}^2\ \Phi_8^{10}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
20844	588	360	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{19}{40}$	$\Phi_{360}^3\ \Phi_{120}^3\ \Phi_{72}^3\ \Phi_{40}^4\ \Phi_{24}^3\ \Phi_9^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
20845	588	40	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{40}^{13}\ \Phi_{20}^{17}\ \Phi_{10}^{17}\ \Phi_8^{12}\ \Phi_5^{16}\ \Phi_4^{16}\ \Phi_2^{16}\ \Phi_1^{16}$
20846	588	136	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{136}^5\ \Phi_{68}^5\ \Phi_{34}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4$
20847	588	587	$\frac{37}{587}$	$\frac{69}{587}$	$\frac{104}{587}$	$\frac{275}{587}$	$\Phi_{587}\ \Phi_1^2$
20848	588	788	$\frac{13}{197}$	$\frac{15}{197}$	$\frac{1}{4}$	$\frac{92}{197}$	$\Phi_{788}\ \Phi_{394}$
20849	588	858	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{858}\ \Phi_{429}\ \Phi_{78}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_6^2$
20850	588	533	$\frac{2}{41}$	$\frac{1}{13}$	$\frac{13}{41}$	$\frac{6}{13}$	$\Phi_{533}\ \Phi_{41}^2\ \Phi_{13}^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
20851	588	780	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2$
20852	588	533	$\frac{1}{13}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{6}{13}$	$\Phi_{533}\ \Phi_{41}^2\ \Phi_{13}^2\ \Phi_1^4$
20853	588	728	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2$
20854	588	1170	$\frac{1}{13}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{1170}\ \Phi_{390}\ \Phi_{234}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{26}$
20855	588	630	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{41}{90}$	$\Phi_{630}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{70}^2\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{14}^2$
20856	588	561	$\frac{2}{51}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{561}\ \Phi_{187}\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_{11}\ \Phi_1^2$
20857	588	792	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{23}{72}$	$\frac{5}{11}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
20858	588	572	$\frac{3}{52}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{572}\ \Phi_{286}\ \Phi_{143}\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{11}\ \Phi_1^2$
20859	588	704	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{15}{64}$	$\frac{5}{11}$	$\Phi_{704}\ \Phi_{352}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{11}\ \Phi_1^2$
20860	588	660	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{60}$	$\frac{5}{11}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
20861	588	594	$\frac{1}{11}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{99}\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
20862	588	385	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{385}^2\ \Phi_{77}\ \Phi_{35}^2$
20863	588	88	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{88}^6\ \Phi_{44}^6\ \Phi_{22}^6\ \Phi_{11}^7\ \Phi_8^{12}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{14}$
20864	588	587	$\frac{23}{587}$	$\frac{57}{587}$	$\frac{188}{587}$	$\frac{265}{587}$	$\Phi_{587}\ \Phi_1^2$
20865	588	780	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}$
20866	588	638	$\frac{1}{22}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{638}\ \Phi_{319}\ \Phi_{58}$
20867	588	378	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{14}^2$
20868	588	616	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{7}$	$\frac{39}{88}$	$\Phi_{616}^2\ \Phi_{77}\ \Phi_{56}^2$
20869	588	645	$\frac{1}{15}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{645}\ \Phi_{215}\ \Phi_{129}$
20870	588	587	$\frac{47}{587}$	$\frac{71}{587}$	$\frac{90}{587}$	$\frac{258}{587}$	$\Phi_{587}\ \Phi_1^2$
20871	588	587	$\frac{55}{587}$	$\frac{73}{587}$	$\frac{76}{587}$	$\frac{257}{587}$	$\Phi_{587}\ \Phi_1^2$
20872	588	680	$\frac{8}{85}$	$\frac{1}{8}$	$\frac{11}{85}$	$\frac{37}{85}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}\ \Phi_{68}\ \Phi_{40}\ \Phi_{34}\ \Phi_{20}\ \Phi_{10}$
20873	588	693	$\frac{8}{99}$	$\frac{13}{99}$	$\frac{1}{7}$	$\frac{43}{99}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{77}\ \Phi_{63}\ \Phi_{21}$
20874	588	587	$\frac{34}{587}$	$\frac{79}{587}$	$\frac{111}{587}$	$\frac{254}{587}$	$\Phi_{587}\ \Phi_1^2$
20875	588	788	$\frac{8}{197}$	$\frac{27}{197}$	$\frac{1}{4}$	$\frac{85}{197}$	$\Phi_{788}\ \Phi_{394}$
20876	588	587	$\frac{20}{587}$	$\frac{81}{587}$	$\frac{167}{587}$	$\frac{253}{587}$	$\Phi_{587}\ \Phi_1^2$
20877	588	885	$\frac{8}{295}$	$\frac{41}{295}$	$\frac{1}{3}$	$\frac{127}{295}$	$\Phi_{885}\ \Phi_{177}\ \Phi_{15}$
20878	588	587	$\frac{48}{587}$	$\frac{77}{587}$	$\frac{85}{587}$	$\frac{251}{587}$	$\Phi_{587}\ \Phi_1^2$
20879	588	680	$\frac{7}{85}$	$\frac{1}{8}$	$\frac{13}{85}$	$\frac{36}{85}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}\ \Phi_{68}\ \Phi_{40}\ \Phi_{34}\ \Phi_{20}\ \Phi_{10}$
20880	588	516	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{516}^2\ \Phi_{172}^2\ \Phi_{129}$
20881	588	996	$\frac{2}{83}$	$\frac{1}{6}$	$\frac{27}{83}$	$\frac{5}{12}$	$\Phi_{996}\ \Phi_{332}\ \Phi_{83}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
20882	588	348	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{348}\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}^2\ \Phi_{58}^3\ \Phi_{29}^2$
20883	588	996	$\frac{3}{83}$	$\frac{1}{6}$	$\frac{20}{83}$	$\frac{5}{12}$	$\Phi_{996}\ \Phi_{332}\ \Phi_{83}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
20884	588	660	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{660}^2\ \Phi_{220}^2\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{20}\ \Phi_{10}$
20885	588	996	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{996}\ \Phi_{332}\ \Phi_{83}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
20886	588	420	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}^3\ \Phi_{140}^3\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}$
20887	588	996	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{996}\ \Phi_{332}\ \Phi_{83}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
20888	588	312	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{312}^2\ \Phi_{156}\ \Phi_{104}^3\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{13}^2$
20889	588	150	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{150}^6\ \Phi_{75}^6\ \Phi_{30}^6\ \Phi_{15}^5\ \Phi_6^6\ \Phi_3^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
20890	588	430	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{430}^2\ \Phi_{215}\ \Phi_{86}^2$
20891	588	485	$\frac{6}{97}$	$\frac{13}{97}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{485}\ \Phi_{97}^2\ \Phi_5^2\ \Phi_1^4$
20892	588	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{40}^5\ \Phi_{30}^6\ \Phi_{24}^6\ \Phi_{20}^5\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^6\ \Phi_4^4\ \Phi_2^4$
20893	588	1040	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{1040}\ \Phi_{208}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
20894	588	650	$\frac{1}{50}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{650}\ \Phi_{325}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
20895	588	136	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{136}^5\ \Phi_{68}^5\ \Phi_{34}\ \Phi_{17}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_1^4$
20896	588	708	$\frac{1}{59}$	$\frac{29}{118}$	$\frac{1}{3}$	$\frac{89}{236}$	$\Phi_{708}^2\ \Phi_{177}\ \Phi_{12}^2$
20897	588	760	$\frac{5}{152}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{20}\ \Phi_{10}$
20898	588	587	$\frac{27}{587}$	$\frac{80}{587}$	$\frac{169}{587}$	$\frac{209}{587}$	$\Phi_{587}\ \Phi_1^2$
20899	588	645	$\frac{1}{15}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{645}\ \Phi_{215}\ \Phi_{129}$
20900	588	587	$\frac{38}{587}$	$\frac{55}{587}$	$\frac{183}{587}$	$\frac{202}{587}$	$\Phi_{587}\ \Phi_1^2$
20901	588	680	$\frac{4}{85}$	$\frac{1}{8}$	$\frac{27}{85}$	$\frac{29}{85}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}\ \Phi_{68}\ \Phi_{40}\ \Phi_{34}\ \Phi_{20}\ \Phi_{10}$
20902	588	370	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{12}{37}$	$\frac{25}{74}$	$\Phi_{370}^3\ \Phi_{185}\ \Phi_{10}^3$
20903	588	587	$\frac{8}{587}$	$\frac{193}{587}$	$\frac{195}{587}$	$\frac{197}{587}$	$\Phi_{587}\ \Phi_1^2$
20904	588	885	$\frac{4}{295}$	$\frac{97}{295}$	$\frac{1}{3}$	$\frac{99}{295}$	$\Phi_{885}\ \Phi_{177}\ \Phi_{15}$
20905	588	219	$\frac{1}{73}$	$\frac{24}{73}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{219}^2\ \Phi_{73}^4\ \Phi_3^3\ \Phi_1^6$
20906	588	300	$\frac{1}{50}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{300}^2\ \Phi_{150}\ \Phi_{100}^4\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
20907	588	387	$\frac{1}{43}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{387}^2\ \Phi_{129}$
20908	588	357	$\frac{2}{51}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{357}^2\ \Phi_{119}^2\ \Phi_{21}$
20909	588	219	$\frac{3}{73}$	$\frac{10}{73}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{219}^2\ \Phi_{73}^4\ \Phi_3^3\ \Phi_1^6$
20910	588	264	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^4\ \Phi_{66}\ \Phi_{44}^4\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
20911	588	747	$\frac{2}{83}$	$\frac{2}{9}$	$\frac{27}{83}$	$\frac{1}{3}$	$\Phi_{747}\ \Phi_{83}\ \Phi_9^2\ \Phi_1^2$
20912	588	435	$\frac{4}{145}$	$\frac{1}{5}$	$\frac{47}{145}$	$\frac{1}{3}$	$\Phi_{435}^2\ \Phi_{87}^2\ \Phi_{15}^3\ \Phi_3^2$
20913	588	504	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{21}$
20914	588	984	$\frac{2}{41}$	$\frac{1}{8}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{246}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
20915	588	885	$\frac{19}{295}$	$\frac{29}{295}$	$\frac{92}{295}$	$\frac{1}{3}$	$\Phi_{885}\ \Phi_{177}\ \Phi_{15}$
20916	588	30	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{30}^{18}\ \Phi_{15}^{20}\ \Phi_{10}^{20}\ \Phi_6^{18}\ \Phi_5^{22}\ \Phi_3^{19}\ \Phi_2^{20}\ \Phi_1^{22}$
20917	588	177	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{17}{59}$	$\frac{1}{3}$	$\Phi_{177}^5\ \Phi_3^4$
20918	588	561	$\frac{2}{51}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{561}\ \Phi_{187}\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_{11}\ \Phi_1^2$
20919	588	1044	$\frac{1}{29}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{116}\ \Phi_{58}$
20920	588	1020	$\frac{2}{51}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{170}\ \Phi_{20}\ \Phi_{10}$
20921	588	1092	$\frac{3}{52}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{273}\ \Phi_{21}$
20922	588	1164	$\frac{6}{97}$	$\frac{13}{97}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1164}\ \Phi_{582}\ \Phi_{12}^2\ \Phi_6^2$
20923	588	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^6\ \Phi_{60}^4\ \Phi_{40}^6\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{15}^6\ \Phi_{12}^2\ \Phi_{10}^4\ \Phi_8^6\ \Phi_6^2\ \Phi_5^6\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
20924	588	747	$\frac{3}{83}$	$\frac{2}{9}$	$\frac{20}{83}$	$\frac{1}{3}$	$\Phi_{747}\ \Phi_{83}\ \Phi_9^2\ \Phi_1^2$
20925	588	1344	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{21}$
20926	588	990	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{110}\ \Phi_{90}\ \Phi_{55}\ \Phi_{10}$
20927	588	747	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{747}\ \Phi_{83}\ \Phi_9^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
20928	588	315	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{315}^3\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{35}\ \Phi_{21}$
20929	588	747	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{747}\ \Phi_{83}\ \Phi_{9}^2\ \Phi_{1}^2$
20930	588	936	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
20931	588	75	$\frac{1}{15}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{75}^9\ \Phi_{25}^{10}\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
20932	588	420	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{21}$
20933	588	378	$\frac{5}{54}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{21}$
20934	588	984	$\frac{5}{41}$	$\frac{1}{8}$	$\frac{6}{41}$	$\frac{1}{3}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{246}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
20935	588	885	$\frac{36}{295}$	$\frac{37}{295}$	$\frac{43}{295}$	$\frac{1}{3}$	$\Phi_{885}\ \Phi_{177}\ \Phi_{15}$
20936	588	168	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{168}^6\ \Phi_{84}^6\ \Phi_{42}^6\ \Phi_{21}^7$
20937	588	792	$\frac{1}{24}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{23}{72}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{1}^2$
20938	588	360	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{23}{72}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{90}^3\ \Phi_{45}^3\ \Phi_{20}\ \Phi_{10}$
20939	588	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{3}{10}$	$\Phi_{90}^6\ \Phi_{45}^6\ \Phi_{30}^6\ \Phi_{18}^6\ \Phi_{15}^6\ \Phi_{10}^8\ \Phi_{9}^9\ \Phi_{6}^6\ \Phi_{5}^8\ \Phi_{3}^9\ \Phi_{2}^8\ \Phi_{1}^{12}$
20940	588	40	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{40}^{17}\ \Phi_{20}^{17}\ \Phi_{10}^9\ \Phi_{8}^{16}\ \Phi_{5}^8\ \Phi_{4}^{16}\ \Phi_{2}^8\ \Phi_{1}^8$
20941	588	587	$\frac{59}{587}$	$\frac{65}{587}$	$\frac{132}{587}$	$\frac{174}{587}$	$\Phi_{587}\ \Phi_{1}^2$
20942	588	136	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{136}^5\ \Phi_{68}^5\ \Phi_{34}^5\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{2}^4$
20943	588	587	$\frac{69}{587}$	$\frac{74}{587}$	$\frac{104}{587}$	$\frac{171}{587}$	$\Phi_{587}\ \Phi_{1}^2$
20944	588	740	$\frac{15}{148}$	$\frac{19}{148}$	$\frac{1}{5}$	$\frac{43}{148}$	$\Phi_{740}\ \Phi_{370}\ \Phi_{185}\ \Phi_{20}\ \Phi_{10}$
20945	588	945	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{45}$	$\frac{37}{135}$	$\Phi_{945}\ \Phi_{189}\ \Phi_{63}\ \Phi_{21}$
20946	588	572	$\frac{3}{52}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{572}\ \Phi_{286}\ \Phi_{143}\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{11}\ \Phi_{1}^2$
20947	588	704	$\frac{1}{16}$	$\frac{2}{11}$	$\frac{15}{64}$	$\frac{3}{11}$	$\Phi_{704}\ \Phi_{352}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{11}\ \Phi_{1}^2$
20948	588	660	$\frac{1}{12}$	$\frac{2}{11}$	$\frac{11}{60}$	$\frac{3}{11}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{1}^2$
20949	588	594	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{99}\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{1}^2$
20950	588	88	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{88}^6\ \Phi_{44}^6\ \Phi_{22}^6\ \Phi_{11}^7\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
20951	588	780	$\frac{1}{13}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
20952	588	587	$\frac{62}{587}$	$\frac{75}{587}$	$\frac{128}{587}$	$\frac{153}{587}$	$\Phi_{587}\ \Phi_{1}^2$
20953	588	680	$\frac{9}{85}$	$\frac{1}{8}$	$\frac{19}{85}$	$\frac{22}{85}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}\ \Phi_{68}\ \Phi_{40}\ \Phi_{34}\ \Phi_{20}\ \Phi_{10}$
20954	588	462	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{77}\ \Phi_{42}^2\ \Phi_{21}^2$
20955	588	260	$\frac{3}{52}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{260}^3\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{20}\ \Phi_{10}$
20956	588	320	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{64}$	$\frac{1}{4}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{20}\ \Phi_{10}$
20957	588	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{72}^9\ \Phi_{36}^6\ \Phi_{24}^9\ \Phi_{18}^6\ \Phi_{12}^6\ \Phi_{9}^9\ \Phi_{8}^{12}\ \Phi_{6}^6\ \Phi_{4}^8\ \Phi_{3}^9\ \Phi_{2}^8\ \Phi_{1}^{12}$
20958	588	788	$\frac{22}{197}$	$\frac{25}{197}$	$\frac{43}{197}$	$\frac{1}{4}$	$\Phi_{788}\ \Phi_{394}$
20959	588	160	$\frac{13}{160}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{160}^4\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{32}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
20960	588	60	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{60}^9\ \Phi_{30}^9\ \Phi_{20}^{10}\ \Phi_{15}^9\ \Phi_{12}^{12}\ \Phi_{10}^{10}\ \Phi_{6}^{12}\ \Phi_{5}^9\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
20961	588	540	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{540}^2\ \Phi_{270}\ \Phi_{180}^2\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{20}\ \Phi_{10}$
20962	588	40	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{40}^{18}\ \Phi_{20}^{19}\ \Phi_{10}^{19}\ \Phi_{5}^{18}$
20963	588	225	$\frac{1}{9}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{225}^3\ \Phi_{75}^3\ \Phi_{25}^4\ \Phi_{9}^3\ \Phi_{3}^3\ \Phi_{1}^4$
20964	588	200	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{200}^4\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
20965	589	1168	$\frac{5}{584}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{579}{1168}$	$\Phi_{1168}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
20966	589	1008	$\frac{1}{84}$	$\frac{85}{504}$	$\frac{419}{1008}$	$\frac{83}{168}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
20967	589	1152	$\frac{13}{576}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{563}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{24}\ \Phi_8\ \Phi_1$
20968	589	1152	$\frac{13}{576}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{563}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{18}\ \Phi_9\ \Phi_1$
20969	589	1152	$\frac{13}{576}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{563}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{16}\ \Phi_8\ \Phi_1$
20970	589	792	$\frac{5}{198}$	$\frac{1}{6}$	$\frac{203}{792}$	$\frac{193}{396}$	$\Phi_{792}\ \Phi_{264}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_8\ \Phi_1$
20971	589	180	$\frac{1}{30}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{29}{60}$	$\Phi_{90}^6\ \Phi_{60}\ \Phi_{45}^6\ \Phi_{36}\ \Phi_{30}^6\ \Phi_{20}\ \Phi_{18}^6\ \Phi_{15}^6\ \Phi_{12}^2\ \Phi_{10}^6\ \Phi_9^6\ \Phi_6^6\ \Phi_5^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
20972	589	420	$\frac{1}{30}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{420}^3\ \Phi_{140}^3\ \Phi_{84}^3\ \Phi_{60}\ \Phi_{28}^3\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
20973	589	540	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{29}{60}$	$\Phi_{540}^3\ \Phi_{108}^3\ \Phi_{60}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
20974	589	120	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{29}{60}$	$\Phi_{120}^6\ \Phi_{60}\ \Phi_{40}^6\ \Phi_{30}^6\ \Phi_{24}^7\ \Phi_{20}\ \Phi_{15}^6\ \Phi_{12}^2\ \Phi_{10}^6\ \Phi_8^7\ \Phi_6^6\ \Phi_5^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
20975	589	1120	$\frac{1}{28}$	$\frac{29}{560}$	$\frac{531}{1120}$	$\frac{27}{56}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{56}\ \Phi_{32}\ \Phi_8\ \Phi_1$
20976	589	840	$\frac{1}{28}$	$\frac{29}{280}$	$\frac{251}{840}$	$\frac{27}{56}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
20977	589	672	$\frac{1}{28}$	$\frac{83}{672}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
20978	589	714	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{125}{714}$	$\frac{113}{238}$	$\Phi_{714}\ \Phi_{357}\ \Phi_{119}\ \Phi_{102}\ \Phi_{51}\ \Phi_{42}\ \Phi_{21}\ \Phi_{17}\ \Phi_6\ \Phi_3\ \Phi_1$
20979	589	1120	$\frac{29}{560}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{531}{1120}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{35}\ \Phi_{32}\ \Phi_5\ \Phi_1$
20980	589	396	$\frac{1}{18}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{396}^3\ \Phi_{132}^3\ \Phi_{44}^3\ \Phi_{36}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
20981	589	180	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{17}{36}$	$\Phi_{180}^6\ \Phi_{60}^6\ \Phi_{45}\ \Phi_{36}^7\ \Phi_{20}^6\ \Phi_{12}^7\ \Phi_9\ \Phi_4^7\ \Phi_1$
20982	589	360	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{17}{36}$	$\Phi_{360}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{40}^3\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
20983	589	1260	$\frac{1}{18}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{140}\ \Phi_{84}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
20984	589	36	$\frac{1}{18}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{36}^{14}\ \Phi_{18}^{19}\ \Phi_{12}^{14}\ \Phi_9^{19}\ \Phi_6^{18}\ \Phi_4^{14}\ \Phi_3^{18}\ \Phi_2^{18}\ \Phi_1^{19}$
20985	589	660	$\frac{5}{66}$	$\frac{71}{660}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
20986	589	864	$\frac{13}{288}$	$\frac{1}{12}$	$\frac{275}{864}$	$\frac{11}{24}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
20987	589	624	$\frac{35}{624}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_8\ \Phi_1$
20988	589	768	$\frac{13}{192}$	$\frac{1}{12}$	$\frac{179}{768}$	$\frac{11}{24}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{24}\ \Phi_8\ \Phi_1$
20989	589	720	$\frac{1}{12}$	$\frac{13}{144}$	$\frac{131}{720}$	$\frac{11}{24}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
20990	589	648	$\frac{1}{12}$	$\frac{59}{648}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
20991	589	672	$\frac{1}{12}$	$\frac{83}{672}$	$\frac{13}{96}$	$\frac{11}{24}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
20992	589	1080	$\frac{1}{12}$	$\frac{49}{540}$	$\frac{11}{60}$	$\frac{491}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
20993	589	1080	$\frac{49}{540}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{491}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
20994	589	720	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{131}{720}$	$\frac{109}{240}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
20995	589	648	$\frac{59}{648}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
20996	589	280	$\frac{1}{20}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{280}^4\ \Phi_{56}^3\ \Phi_{40}^4\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
20997	589	168	$\frac{2}{21}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{168}^7\ \Phi_{56}^5\ \Phi_{24}^7\ \Phi_{21}^3\ \Phi_8^5\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
20998	589	1056	$\frac{5}{66}$	$\frac{61}{528}$	$\frac{1}{6}$	$\frac{467}{1056}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{96}\ \Phi_{66}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
20999	589	105	$\frac{2}{21}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{105}^7\ \Phi_{35}^5\ \Phi_{21}^3\ \Phi_{15}^7\ \Phi_7^2\ \Phi_5^5\ \Phi_3^3\ \Phi_1^3$
21000	589	1008	$\frac{1}{42}$	$\frac{85}{504}$	$\frac{41}{126}$	$\frac{419}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{48}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
21001	589	630	$\frac{41}{630}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
21002	589	32	$\frac{1}{32}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{32}^{18}\ \Phi_{16}^{19}\ \Phi_8^{19}\ \Phi_4^{18}\ \Phi_2^{18}\ \Phi_1^{19}$
21003	589	840	$\frac{1}{42}$	$\frac{41}{210}$	$\frac{251}{840}$	$\frac{169}{420}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
21004	589	960	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{109}{480}$	$\frac{371}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{120}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
21005	589	952	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{113}{476}$	$\frac{363}{952}$	$\Phi_{952}\ \Phi_{136}\ \Phi_{119}\ \Phi_{56}\ \Phi_{17}\ \Phi_8\ \Phi_1$
21006	589	96	$\frac{1}{32}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{96}^{8}\ \Phi_{48}^{8}\ \Phi_{32}^{3}\ \Phi_{24}^{7}\ \Phi_{16}^{3}\ \Phi_{12}^{7}\ \Phi_8^{3}\ \Phi_6^{7}\ \Phi_4^{2}\ \Phi_3^{7}\ \Phi_2^{2}\ \Phi_1^{3}$
21007	589	480	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}^{2}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}^{2}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^{2}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
21008	589	612	$\frac{23}{612}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_9\ \Phi_1$
21009	589	240	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{240}^{4}\ \Phi_{80}^{4}\ \Phi_{48}^{3}\ \Phi_{40}^{4}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_8^{3}\ \Phi_5^{3}\ \Phi_4^{2}\ \Phi_2^{2}\ \Phi_1^{3}$
21010	589	756	$\frac{1}{42}$	$\frac{167}{756}$	$\frac{41}{126}$	$\frac{85}{252}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{63}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
21011	589	888	$\frac{3}{148}$	$\frac{1}{4}$	$\frac{145}{444}$	$\frac{299}{888}$	$\Phi_{888}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}\ \Phi_{37}\ \Phi_{24}\ \Phi_8\ \Phi_1$
21012	589	231	$\frac{2}{33}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}^{3}\ \Phi_{77}^{3}\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}\ \Phi_7\ \Phi_1$
21013	589	315	$\frac{1}{15}$	$\frac{2}{21}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{315}^{3}\ \Phi_{63}^{3}\ \Phi_{45}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$
21014	589	297	$\frac{2}{33}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{297}^{3}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_1$
21015	589	840	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{84}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
21016	589	264	$\frac{2}{33}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{264}^{3}\ \Phi_{132}^{3}\ \Phi_{88}^{3}\ \Phi_{44}^{3}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
21017	589	105	$\frac{2}{21}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^{5}\ \Phi_{35}^{6}\ \Phi_{21}^{6}\ \Phi_{15}^{6}\ \Phi_7^{7}\ \Phi_5^{6}\ \Phi_3^{6}\ \Phi_1^{7}$
21018	589	252	$\frac{2}{21}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{252}^{3}\ \Phi_{126}^{3}\ \Phi_{84}^{3}\ \Phi_{63}^{3}\ \Phi_{36}\ \Phi_{28}^{3}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
21019	589	864	$\frac{13}{288}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{275}{864}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
21020	589	864	$\frac{13}{288}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{275}{864}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{16}\ \Phi_8\ \Phi_1$
21021	589	135	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{14}{45}$	$\Phi_{135}^{6}\ \Phi_{45}\ \Phi_{27}^{7}\ \Phi_9\ \Phi_1$
21022	589	360	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{14}{45}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{72}^{3}\ \Phi_{45}\ \Phi_{36}^{3}\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
21023	589	840	$\frac{29}{280}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{251}{840}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
21024	589	1080	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{40}$	$\frac{8}{27}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{216}\ \Phi_{108}\ \Phi_{40}\ \Phi_{27}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
21025	589	945	$\frac{1}{9}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{945}\ \Phi_{189}\ \Phi_{35}\ \Phi_{27}\ \Phi_7\ \Phi_1$
21026	589	108	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{108}^{9}\ \Phi_{54}^{6}\ \Phi_{36}\ \Phi_{27}^{7}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
21027	589	720	$\frac{13}{144}$	$\frac{1}{6}$	$\frac{131}{720}$	$\frac{5}{18}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
21028	589	648	$\frac{59}{648}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
21029	589	810	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{270}$	$\frac{221}{810}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
21030	589	720	$\frac{1}{12}$	$\frac{131}{720}$	$\frac{11}{60}$	$\frac{49}{180}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
21031	589	624	$\frac{35}{624}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_1$
21032	589	42	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{42}^{12}\ \Phi_{21}^{15}\ \Phi_{14}^{14}\ \Phi_7^{16}\ \Phi_6^{12}\ \Phi_3^{15}\ \Phi_2^{14}\ \Phi_1^{17}$
21033	589	792	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{264}$	$\frac{203}{792}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{72}\ \Phi_{66}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
21034	589	768	$\frac{13}{192}$	$\frac{3}{16}$	$\frac{179}{768}$	$\frac{1}{4}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{16}\ \Phi_8\ \Phi_1$
21035	589	640	$\frac{51}{640}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
21036	589	720	$\frac{13}{144}$	$\frac{131}{720}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
21037	589	672	$\frac{83}{672}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
21038	589	120	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{9}{40}$	$\Phi_{120}^4\ \Phi_{60}^4\ \Phi_{40}^5\ \Phi_{30}^6\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{15}^6\ \Phi_{12}^5\ \Phi_{10}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_5^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
21039	589	840	$\frac{4}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{84}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
21040	589	72	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{72}^{12}\ \Phi_{36}^7\ \Phi_{24}^7\ \Phi_{18}^7\ \Phi_{12}^2\ \Phi_9^7\ \Phi_8^7\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
21041	589	700	$\frac{1}{7}$	$\frac{111}{700}$	$\frac{6}{35}$	$\frac{29}{140}$	$\Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{100}\ \Phi_{50}\ \Phi_{35}\ \Phi_{25}\ \Phi_5\ \Phi_1$
21042	590	936	$\frac{1}{117}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{58}{117}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{39}\ \Phi_{24}\ \Phi_{13}\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
21043	590	1752	$\frac{3}{292}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{289}{584}$	$\Phi_{1752}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
21044	590	1044	$\frac{1}{58}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{57}{116}$	$\Phi_{1044}\ \Phi_{348}\ \Phi_{116}^2\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
21045	590	348	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{57}{116}$	$\Phi_{348}^3\ \Phi_{116}^4\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
21046	590	576	$\frac{7}{288}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{281}{576}$	$\Phi_{576}^2\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
21047	590	558	$\frac{1}{31}$	$\frac{16}{279}$	$\frac{263}{558}$	$\frac{15}{31}$	$\Phi_{558}^2\ \Phi_{186}^2\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{18}^2\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
21048	590	372	$\frac{1}{31}$	$\frac{16}{93}$	$\frac{77}{372}$	$\frac{15}{31}$	$\Phi_{372}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
21049	590	114	$\frac{2}{57}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{55}{114}$	$\Phi_{114}^{10}\ \Phi_{38}^{10}\ \Phi_{19}\ \Phi_6^{10}\ \Phi_2^{10}\ \Phi_1^2$
21050	590	1254	$\frac{2}{57}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{1254}\ \Phi_{418}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
21051	590	880	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{880}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
21052	590	76	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{17}{76}$	$\frac{9}{19}$	$\Phi_{76}^{10}\ \Phi_{38}^{10}\ \Phi_{19}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^2$
21053	590	342	$\frac{1}{19}$	$\frac{47}{342}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{342}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
21054	590	1232	$\frac{3}{56}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{1232}\ \Phi_{176}\ \Phi_{44}\ \Phi_{22}$
21055	590	336	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{53}{112}$	$\Phi_{336}^4\ \Phi_{112}^2\ \Phi_{48}^4\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{14}$
21056	590	204	$\frac{1}{17}$	$\frac{9}{68}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{204}^4\ \Phi_{102}^3\ \Phi_{68}^2\ \Phi_{51}^3\ \Phi_{34}\ \Phi_{17}^2\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
21057	590	110	$\frac{4}{55}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{110}^{10}\ \Phi_{55}\ \Phi_{22}^{10}\ \Phi_{10}^{10}\ \Phi_2^{10}$
21058	590	792	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
21059	590	1188	$\frac{1}{11}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
21060	590	532	$\frac{1}{19}$	$\frac{29}{266}$	$\frac{9}{38}$	$\frac{237}{532}$	$\Phi_{532}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{28}^2\ \Phi_{19}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
21061	590	261	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{28}{87}$	$\frac{4}{9}$	$\Phi_{261}^2\ \Phi_{87}^3\ \Phi_{29}^2\ \Phi_9^3\ \Phi_3^4\ \Phi_1^4$
21062	590	912	$\frac{9}{304}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
21063	590	1554	$\frac{1}{37}$	$\frac{36}{259}$	$\frac{1}{3}$	$\frac{223}{518}$	$\Phi_{1554}\ \Phi_{222}\ \Phi_{111}\ \Phi_{42}\ \Phi_6$
21064	590	126	$\frac{4}{63}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{126}^6\ \Phi_{63}^4\ \Phi_{42}^5\ \Phi_{21}^3\ \Phi_{18}^6\ \Phi_{14}^5\ \Phi_9^4\ \Phi_7^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
21065	590	102	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{1}{6}$	$\frac{43}{102}$	$\Phi_{102}^5\ \Phi_{51}^7\ \Phi_{34}^5\ \Phi_{17}^6\ \Phi_6^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
21066	590	1100	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{1100}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
21067	590	496	$\frac{1}{31}$	$\frac{47}{248}$	$\frac{15}{62}$	$\frac{201}{496}$	$\Phi_{496}^2\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{16}^2\ \Phi_2^2\ \Phi_1^2$
21068	590	1056	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
21069	590	372	$\frac{1}{31}$	$\frac{77}{372}$	$\frac{15}{62}$	$\frac{47}{124}$	$\Phi_{372}^2\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
21070	590	120	$\frac{1}{60}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{120}^8\ \Phi_{60}^2\ \Phi_{40}^8\ \Phi_{30}^2\ \Phi_{24}^7\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^8\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
21071	590	312	$\frac{1}{39}$	$\frac{19}{78}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^3\ \Phi_{104}^3\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{24}^3\ \Phi_{13}\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
21072	590	504	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^2\ \Phi_{168}^2\ \Phi_{72}\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_9\ \Phi_8^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
21073	590	520	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}^2\ \Phi_{104}\ \Phi_{65}^2\ \Phi_{40}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_5^2\ \Phi_1^2$
21074	590	704	$\frac{5}{64}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{44}\ \Phi_{22}$
21075	590	93	$\frac{1}{31}$	$\frac{6}{31}$	$\frac{25}{93}$	$\frac{34}{93}$	$\Phi_{93}^5\ \Phi_{31}^9\ \Phi_3^5\ \Phi_1^{10}$
21076	590	456	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{67}{228}$	$\frac{161}{456}$	$\Phi_{456}^2\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
21077	590	990	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{990}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}$
21078	590	444	$\frac{1}{74}$	$\frac{73}{222}$	$\frac{1}{3}$	$\frac{149}{444}$	$\Phi_{444}^2\ \Phi_{222}\ \Phi_{148}^2\ \Phi_{111}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
21079	590	174	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{28}{87}$	$\frac{1}{3}$	$\Phi_{174}^4\ \Phi_{87}^3\ \Phi_{58}^4\ \Phi_{29}^2\ \Phi_6^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
21080	590	432	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{137}{432}$	$\frac{1}{3}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
21081	590	312	$\frac{17}{312}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{13}^2\ \Phi_{12}\ \Phi_6$
21082	590	384	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{384}$	$\frac{1}{3}$	$\Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
21083	590	192	$\frac{5}{64}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{192}^5\ \Phi_{96}^4\ \Phi_{48}^4\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
21084	590	222	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{15}{74}$	$\frac{1}{3}$	$\Phi_{222}^5\ \Phi_{111}^3\ \Phi_6^5\ \Phi_3^2$
21085	590	72	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{13}{72}$	$\frac{1}{3}$	$\Phi_{72}^8\ \Phi_{36}^8\ \Phi_{24}^9\ \Phi_{18}^8\ \Phi_{12}^9\ \Phi_9^8\ \Phi_8^8\ \Phi_6^9\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
21086	590	336	$\frac{41}{336}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_6$
21087	590	306	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{35}{153}$	$\frac{16}{51}$	$\Phi_{306}^3\ \Phi_{153}^2\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}\ \Phi_{18}^3\ \Phi_9^2$
21088	590	924	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{231}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
21089	590	84	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{25}{84}$	$\Phi_{84}^6\ \Phi_{42}^7\ \Phi_{28}^8\ \Phi_{21}^7\ \Phi_{14}^9\ \Phi_{12}^6\ \Phi_7^8\ \Phi_6^6\ \Phi_4^8\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
21090	590	792	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
21091	590	210	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{21}\ \Phi_{15}^4\ \Phi_{14}\ \Phi_{10}^2\ \Phi_5^2$
21092	591	944	$\frac{1}{118}$	$\frac{119}{472}$	$\frac{353}{944}$	$\frac{117}{236}$	$\Phi_{944}\ \Phi_{236}\ \Phi_{16}\ \Phi_4\ \Phi_1$
21093	591	780	$\frac{2}{195}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{193}{390}$	$\Phi_{780}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
21094	591	264	$\frac{1}{66}$	$\frac{1}{4}$	$\frac{67}{264}$	$\frac{65}{132}$	$\Phi_{264}^3\ \Phi_{132}^2\ \Phi_{88}^3\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{24}^3\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
21095	591	1160	$\frac{11}{580}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{569}{1160}$	$\Phi_{1160}\ \Phi_{232}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
21096	591	384	$\frac{5}{192}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{187}{384}$	$\Phi_{384}^3\ \Phi_{128}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
21097	591	380	$\frac{7}{190}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{183}{380}$	$\Phi_{380}^3\ \Phi_{76}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
21098	591	756	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{181}{378}$	$\Phi_{756}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
21099	591	800	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{209}{800}$	$\frac{191}{400}$	$\Phi_{800}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
21100	591	220	$\frac{1}{22}$	$\frac{23}{220}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{220}^3\ \Phi_{110}^3\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{20}^3\ \Phi_{11}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
21101	591	680	$\frac{4}{85}$	$\frac{89}{680}$	$\frac{1}{5}$	$\frac{81}{170}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{136}\ \Phi_{85}\ \Phi_{68}\ \Phi_{40}\ \Phi_{20}\ \Phi_{17}\ \Phi_8\ \Phi_4\ \Phi_1$
21102	591	748	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{177}{374}$	$\Phi_{748}\ \Phi_{187}\ \Phi_{68}\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{17}\ \Phi_{11}\ \Phi_4\ \Phi_1$
21103	591	1120	$\frac{31}{560}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{529}{1120}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
21104	591	1120	$\frac{31}{560}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{529}{1120}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{35}\ \Phi_{32}\ \Phi_7\ \Phi_1$
21105	591	216	$\frac{1}{18}$	$\frac{19}{216}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{216}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
21106	591	1100	$\frac{41}{550}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{509}{1100}$	$\Phi_{1100}\ \Phi_{220}\ \Phi_{100}\ \Phi_{50}\ \Phi_{44}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
21107	591	240	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{43}{240}$	$\frac{37}{80}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_6^3\ \Phi_5^2\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
21108	591	360	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{1}{4}$	$\frac{163}{360}$	$\Phi_{360}^3\ \Phi_{120}^3\ \Phi_{72}^3\ \Phi_{40}^3\ \Phi_{36}^2\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
21109	591	360	$\frac{17}{180}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{163}{360}$	$\Phi_{360}^3\ \Phi_{120}^3\ \Phi_{72}^3\ \Phi_{40}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
21110	591	210	$\frac{13}{210}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{70}^2\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^3\ \Phi_6^3\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
21111	591	352	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{1}{4}$	$\frac{155}{352}$	$\Phi_{352}^3\ \Phi_{44}^2\ \Phi_{32}^3\ \Phi_{22}\ \Phi_{11}\ \Phi_4\ \Phi_1$
21112	591	340	$\frac{4}{85}$	$\frac{27}{170}$	$\frac{1}{5}$	$\frac{143}{340}$	$\Phi_{340}^3\ \Phi_{85}\ \Phi_{68}^3\ \Phi_{20}^3\ \Phi_{17}\ \Phi_4^3\ \Phi_1$
21113	591	204	$\frac{7}{204}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{204}^3\ \Phi_{102}^3\ \Phi_{68}^3\ \Phi_{51}^3\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
21114	591	1000	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{500}$	$\frac{409}{1000}$	$\Phi_{1000}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
21115	591	660	$\frac{1}{33}$	$\frac{32}{165}$	$\frac{1}{4}$	$\frac{133}{330}$	$\Phi_{660}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
21116	591	640	$\frac{49}{640}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
21117	591	320	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{37}{160}$	$\frac{123}{320}$	$\Phi_{320}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
21118	591	300	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{47}{150}$	$\frac{103}{300}$	$\Phi_{300}^3\ \Phi_{100}^3\ \Phi_{60}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
21119	591	295	$\frac{4}{295}$	$\frac{97}{295}$	$\frac{98}{295}$	$\frac{99}{295}$	$\Phi_{295}^2\ \Phi_{59}^2\ \Phi_5^2\ \Phi_1^3$
21120	591	468	$\frac{2}{39}$	$\frac{37}{234}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{468}^2\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
21121	591	420	$\frac{13}{210}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
21122	591	255	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{58}{255}$	$\frac{27}{85}$	$\Phi_{255}^3\ \Phi_{85}\ \Phi_{51}^3\ \Phi_{17}\ \Phi_{15}^3\ \Phi_3^3\ \Phi_1$
21123	591	288	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{91}{288}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
21124	591	280	$\frac{1}{10}$	$\frac{31}{280}$	$\frac{9}{40}$	$\frac{83}{280}$	$\Phi_{280}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
21125	591	280	$\frac{31}{280}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{83}{280}$	$\Phi_{280}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
21126	591	216	$\frac{19}{216}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{216}^3\ \Phi_{108}^2\ \Phi_{72}^3\ \Phi_{54}^2\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
21127	591	240	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{43}{240}$	$\frac{17}{60}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
21128	591	540	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{1}{4}$	$\frac{73}{270}$	$\Phi_{540}^2\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}^2\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
21129	591	264	$\frac{1}{22}$	$\frac{21}{88}$	$\frac{1}{4}$	$\frac{67}{264}$	$\Phi_{264}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}\ \Phi_{12}^3\ \Phi_{11}\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
21130	591	252	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{252}$	$\frac{1}{4}$	$\Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^3\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
21131	591	216	$\frac{19}{216}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{216}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
21132	591	240	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{240}$	$\frac{1}{4}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
21133	591	700	$\frac{4}{35}$	$\frac{109}{700}$	$\frac{1}{5}$	$\frac{31}{140}$	$\Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{100}\ \Phi_{50}\ \Phi_{35}\ \Phi_{25}\ \Phi_7\ \Phi_1$
21134	592	147	$\frac{1}{147}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{73}{147}$	$\Phi_{147}^4\ \Phi_{49}^4\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3^5\ \Phi_1^6$
21135	592	591	$\frac{5}{591}$	$\frac{149}{591}$	$\frac{221}{591}$	$\frac{293}{591}$	$\Phi_{591}\ \Phi_{197}\ \Phi_3\ \Phi_1^2$
21136	592	99	$\frac{1}{99}$	$\frac{25}{99}$	$\frac{1}{3}$	$\frac{49}{99}$	$\Phi_{99}^6\ \Phi_{33}^6\ \Phi_{11}^6\ \Phi_9^6\ \Phi_3^5\ \Phi_1^6$
21137	592	585	$\frac{7}{585}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{289}{585}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
21138	592	511	$\frac{1}{73}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{36}{73}$	$\Phi_{511}\ \Phi_{73}^2\ \Phi_7^2\ \Phi_1^4$
21139	592	1095	$\frac{1}{73}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{36}{73}$	$\Phi_{1095}\ \Phi_{15}^2$
21140	592	197	$\frac{3}{197}$	$\frac{25}{197}$	$\frac{86}{197}$	$\frac{97}{197}$	$\Phi_{197}^3\ \Phi_1^4$
21141	592	197	$\frac{3}{197}$	$\frac{49}{197}$	$\frac{50}{197}$	$\frac{97}{197}$	$\Phi_{197}^3\ \Phi_1^4$
21142	592	745	$\frac{3}{149}$	$\frac{1}{5}$	$\frac{38}{149}$	$\frac{73}{149}$	Φ_{745}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
21143	592	591	$\frac{13}{591}$	$\frac{110}{591}$	$\frac{151}{591}$	$\frac{289}{591}$	$\Phi_{591}\ \Phi_{197}\ \Phi_3\ \Phi_1^2$
21144	592	297	$\frac{7}{297}$	$\frac{38}{297}$	$\frac{1}{3}$	$\frac{145}{297}$	$\Phi_{297}^2\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
21145	592	360	$\frac{1}{36}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{35}{72}$	$\Phi_{360}^3\ \Phi_{120}^3\ \Phi_{72}^4\ \Phi_{40}^3\ \Phi_{24}^4\ \Phi_{15}\ \Phi_8^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
21146	592	72	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{72}^{16}\ \Phi_{24}^{16}\ \Phi_9^2\ \Phi_8^{16}\ \Phi_3\ \Phi_1^2$
21147	592	360	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{35}{72}$	$\Phi_{360}^3\ \Phi_{120}^3\ \Phi_{72}^4\ \Phi_{40}^3\ \Phi_{24}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_1^4$
21148	592	165	$\frac{1}{33}$	$\frac{17}{165}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{165}^4\ \Phi_{55}^4\ \Phi_{33}^2\ \Phi_{15}^4\ \Phi_{11}^2\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
21149	592	429	$\frac{5}{143}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{69}{143}$	$\Phi_{429}^2\ \Phi_{39}^2\ \Phi_{33}^3\ \Phi_3^2$
21150	592	81	$\frac{1}{27}$	$\frac{7}{81}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{81}^8\ \Phi_{27}^6\ \Phi_9^6\ \Phi_3^5\ \Phi_1^6$
21151	592	450	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{450}^2\ \Phi_{225}\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_6^2$
21152	592	567	$\frac{25}{567}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{271}{567}$	$\Phi_{567}\ \Phi_{189}\ \Phi_{81}\ \Phi_{63}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
21153	592	561	$\frac{31}{561}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{265}{561}$	$\Phi_{561}\ \Phi_{187}\ \Phi_{51}\ \Phi_{33}^2\ \Phi_{17}\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
21154	592	630	$\frac{2}{35}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{630}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_6^2$
21155	592	195	$\frac{2}{39}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{195}^3\ \Phi_{65}^3\ \Phi_{39}^4\ \Phi_{15}\ \Phi_{13}^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
21156	592	270	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{17}{54}$	$\frac{7}{15}$	$\Phi_{270}^3\ \Phi_{135}^3\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
21157	592	120	$\frac{1}{15}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{120}^5\ \Phi_{60}^4\ \Phi_{40}^6\ \Phi_{30}^4\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_8^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^6$
21158	592	240	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{7}{15}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{48}^4\ \Phi_{40}^3\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{15}\ \Phi_8^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
21159	592	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{45}^{13}\ \Phi_{15}^{14}\ \Phi_9^{12}\ \Phi_5^{14}\ \Phi_3^{13}\ \Phi_1^{14}$
21160	592	210	$\frac{1}{15}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{42}^4\ \Phi_{35}^3\ \Phi_{21}^4\ \Phi_{15}\ \Phi_{14}^4\ \Phi_7^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
21161	592	231	$\frac{3}{77}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{231}^4\ \Phi_{33}^3\ \Phi_{21}^4\ \Phi_3^2$
21162	592	135	$\frac{1}{27}$	$\frac{13}{135}$	$\frac{1}{3}$	$\frac{61}{135}$	$\Phi_{135}^4\ \Phi_{45}^4\ \Phi_{27}^6\ \Phi_{15}^4\ \Phi_9^6\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
21163	592	153	$\frac{5}{153}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{153}^4\ \Phi_{51}^4\ \Phi_{17}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
21164	592	66	$\frac{1}{33}$	$\frac{4}{33}$	$\frac{1}{3}$	$\frac{29}{66}$	$\Phi_{66}^{16}\ \Phi_{33}^2\ \Phi_{22}^{16}\ \Phi_{11}^2\ \Phi_6^{16}\ \Phi_3\ \Phi_2^{16}\ \Phi_1^2$
21165	592	798	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{42}\ \Phi_6^2$
21166	592	646	$\frac{1}{38}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{646}\ \Phi_{323}\ \Phi_{34}$
21167	592	495	$\frac{2}{99}$	$\frac{97}{495}$	$\frac{1}{3}$	$\frac{199}{495}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}^2\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
21168	592	360	$\frac{3}{40}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
21169	592	180	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{180}^6\ \Phi_{60}^4\ \Phi_{45}^3\ \Phi_{36}^6\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
21170	592	591	$\frac{11}{591}$	$\frac{145}{591}$	$\frac{184}{591}$	$\frac{223}{591}$	$\Phi_{591}\ \Phi_{197}\ \Phi_3\ \Phi_1^2$
21171	592	297	$\frac{5}{297}$	$\frac{73}{297}$	$\frac{1}{3}$	$\frac{112}{297}$	$\Phi_{297}^2\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
21172	592	75	$\frac{1}{75}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{75}^8\ \Phi_{25}^8\ \Phi_{15}^8\ \Phi_5^8\ \Phi_3^5\ \Phi_1^6$
21173	592	441	$\frac{2}{147}$	$\frac{145}{441}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{441}^2\ \Phi_{63}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
21174	592	147	$\frac{1}{49}$	$\frac{12}{49}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{147}^3\ \Phi_{49}^6\ \Phi_{21}^3\ \Phi_7^6\ \Phi_3^4\ \Phi_1^8$
21175	592	570	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{570}\ \Phi_{285}\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{30}\ \Phi_{10}^2$
21176	592	231	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}^2\ \Phi_{77}^4\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{11}^4\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
21177	592	42	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{42}^{16}\ \Phi_{21}^{12}\ \Phi_{14}^{16}\ \Phi_7^{12}\ \Phi_6^{16}\ \Phi_3^{13}\ \Phi_2^{16}\ \Phi_1^{14}$
21178	592	117	$\frac{2}{39}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{117}^6\ \Phi_{39}^4\ \Phi_{13}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
21179	592	315	$\frac{19}{315}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
21180	592	54	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{54}^{16}\ \Phi_{27}^{16}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
21181	592	429	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{133}{429}$	$\frac{1}{3}$	$\Phi_{429}\ \Phi_{143}^2\ \Phi_{39}\ \Phi_{33}^2\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
21182	592	81	$\frac{2}{27}$	$\frac{7}{81}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{81}^7\ \Phi_{27}^8\ \Phi_9^8\ \Phi_3^7\ \Phi_1^8$
21183	592	405	$\frac{1}{27}$	$\frac{26}{135}$	$\frac{109}{405}$	$\frac{1}{3}$	$\Phi_{405}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
21184	592	99	$\frac{1}{33}$	$\frac{8}{33}$	$\frac{25}{99}$	$\frac{1}{3}$	$\Phi_{99}^8\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_9^8\ \Phi_3\ \Phi_1^2$
21185	592	360	$\frac{3}{40}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
21186	592	144	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{144}^6\ \Phi_{72}^6\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
21187	592	351	$\frac{7}{117}$	$\frac{55}{351}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{351}^2\ \Phi_{117}\ \Phi_{39}\ \Phi_{27}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
21188	592	315	$\frac{19}{315}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
21189	592	81	$\frac{7}{81}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{81}^8\ \Phi_{27}^8\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
21190	592	189	$\frac{2}{27}$	$\frac{25}{189}$	$\frac{41}{189}$	$\frac{1}{3}$	$\Phi_{189}^3\ \Phi_{63}^3\ \Phi_{27}^4\ \Phi_{21}^3\ \Phi_9^4\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
21191	592	195	$\frac{2}{39}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{195}^3\ \Phi_{65}^3\ \Phi_{39}^4\ \Phi_{13}^4\ \Phi_5^3\ \Phi_1^4$
21192	592	45	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{45}^{16}\ \Phi_{15}^{16}\ \Phi_9^2\ \Phi_5^{16}\ \Phi_3\ \Phi_1^2$
21193	592	126	$\frac{1}{9}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{126}^6\ \Phi_{63}^6\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_9^2\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
21194	592	270	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{17}{54}$	$\Phi_{270}^3\ \Phi_{135}^3\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_5^3\ \Phi_1^4$
21195	592	315	$\frac{1}{9}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{315}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}^3\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
21196	592	40	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{40}^{16}\ \Phi_{20}^{13}\ \Phi_{10}^{13}\ \Phi_8^{16}\ \Phi_5^{16}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{16}$
21197	592	240	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{11}{48}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{48}^4\ \Phi_{40}^3\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_1^4$
21198	592	45	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{45}^{13}\ \Phi_{15}^{13}\ \Phi_9^{12}\ \Phi_5^{16}\ \Phi_3^{12}\ \Phi_1^{16}$
21199	592	210	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{42}^4\ \Phi_{35}^3\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
21200	593	1152	$\frac{17}{576}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{559}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{32}\ \Phi_1$
21201	593	1152	$\frac{17}{576}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{559}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
21202	593	800	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{207}{800}$	$\frac{193}{400}$	$\Phi_{800}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
21203	593	720	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{127}{720}$	$\frac{113}{240}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
21204	593	1120	$\frac{33}{560}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{527}{1120}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
21205	593	864	$\frac{17}{288}$	$\frac{1}{16}$	$\frac{271}{864}$	$\frac{15}{32}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_1$
21206	593	640	$\frac{1}{16}$	$\frac{47}{640}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
21207	593	768	$\frac{1}{16}$	$\frac{17}{192}$	$\frac{175}{768}$	$\frac{15}{32}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{32}\ \Phi_1$
21208	593	672	$\frac{1}{16}$	$\frac{79}{672}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
21209	593	640	$\frac{47}{640}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
21210	593	960	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{113}{480}$	$\frac{367}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{120}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
21211	593	624	$\frac{31}{624}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
21212	593	888	$\frac{1}{74}$	$\frac{73}{222}$	$\frac{295}{888}$	$\frac{149}{444}$	$\Phi_{888}\ \Phi_{296}\ \Phi_{222}\ \Phi_{111}\ \Phi_{24}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
21213	593	864	$\frac{17}{288}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{271}{864}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
21214	593	840	$\frac{33}{280}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{247}{840}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
21215	593	648	$\frac{55}{648}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
21216	593	768	$\frac{17}{192}$	$\frac{1}{8}$	$\frac{175}{768}$	$\frac{7}{24}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
21217	593	672	$\frac{79}{672}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
21218	593	720	$\frac{17}{144}$	$\frac{1}{8}$	$\frac{127}{720}$	$\frac{7}{24}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
21219	594	980	$\frac{1}{98}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{97}{196}$	$\Phi_{980}\ \Phi_{196}^2\ \Phi_{140}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
21220	594	588	$\frac{1}{98}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{97}{196}$	$\Phi_{588}\ \Phi_{294}^2\ \Phi_{147}^2\ \Phi_{84}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_{6}^3\ \Phi_{3}^2$
21221	594	1040	$\frac{1}{65}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{32}{65}$	$\Phi_{1040}\ \Phi_{208}\ \Phi_{80}\ \Phi_{65}\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}^2$
21222	594	260	$\frac{1}{65}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{32}{65}$	$\Phi_{260}^2\ \Phi_{130}^2\ \Phi_{65}^3\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{13}^3\ \Phi_{10}^2\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
21223	594	1060	$\frac{1}{53}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{26}{53}$	$\Phi_{1060}\ \Phi_{212}\ \Phi_{53}\ \Phi_{20}^2\ \Phi_{4}^2\ \Phi_{1}^2$
21224	594	795	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{26}{53}$	$\Phi_{795}\ \Phi_{159}\ \Phi_{53}\ \Phi_{15}^2\ \Phi_{3}^2\ \Phi_{1}^2$
21225	594	593	$\frac{13}{593}$	$\frac{101}{593}$	$\frac{164}{593}$	$\frac{290}{593}$	$\Phi_{593}\ \Phi_{1}^2$
21226	594	796	$\frac{5}{199}$	$\frac{34}{199}$	$\frac{1}{4}$	$\frac{97}{199}$	$\Phi_{796}\ \Phi_{398}$
21227	594	1088	$\frac{1}{32}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{31}{64}$	$\Phi_{1088}\ \Phi_{64}^2\ \Phi_{17}\ \Phi_{1}^2$
21228	594	960	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{960}^2\ \Phi_{192}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
21229	594	1088	$\frac{1}{32}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{31}{64}$	$\Phi_{1088}\ \Phi_{64}^2\ \Phi_{17}\ \Phi_{1}^2$
21230	594	448	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{448}^3\ \Phi_{28}\ \Phi_{14}$
21231	594	1092	$\frac{1}{26}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{25}{52}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{156}\ \Phi_{84}\ \Phi_{52}^2\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
21232	594	156	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{156}^3\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_{12}^5\ \Phi_{6}^6\ \Phi_{4}^6\ \Phi_{3}^5\ \Phi_{2}^6\ \Phi_{1}^6$
21233	594	364	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{25}{52}$	$\Phi_{364}^3\ \Phi_{52}^4\ \Phi_{28}^3\ \Phi_{14}^2\ \Phi_{7}\ \Phi_{4}^4\ \Phi_{2}^2\ \Phi_{1}^2$
21234	594	1330	$\frac{4}{95}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{91}{190}$	$\Phi_{1330}\ \Phi_{266}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
21235	594	273	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{10}{21}$	$\Phi_{273}^2\ \Phi_{91}^2\ \Phi_{39}^2\ \Phi_{21}^3\ \Phi_{13}^4\ \Phi_{7}^3\ \Phi_{3}^3\ \Phi_{1}^6$
21236	594	420	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{420}^2\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
21237	594	280	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{7}{40}$	$\frac{19}{40}$	$\Phi_{280}^2\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{56}^2\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{7}^2$
21238	594	272	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{8}{17}$	$\Phi_{272}^2\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{17}^3\ \Phi_{16}^4\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
21239	594	204	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{204}^3\ \Phi_{102}^3\ \Phi_{68}^2\ \Phi_{51}^3\ \Phi_{34}^2\ \Phi_{17}^3\ \Phi_{12}^6\ \Phi_{6}^6\ \Phi_{4}^4\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
21240	594	680	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{8}{17}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{1}^2$
21241	594	593	$\frac{35}{593}$	$\frac{37}{593}$	$\frac{186}{593}$	$\frac{278}{593}$	$\Phi_{593}\ \Phi_{1}^2$
21242	594	670	$\frac{5}{67}$	$\frac{1}{10}$	$\frac{12}{67}$	$\frac{31}{67}$	$\Phi_{670}\ \Phi_{335}\ \Phi_{134}$
21243	594	593	$\frac{29}{593}$	$\frac{45}{593}$	$\frac{188}{593}$	$\frac{274}{593}$	$\Phi_{593}\ \Phi_{1}^2$
21244	594	300	$\frac{2}{25}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
21245	594	593	$\frac{49}{593}$	$\frac{54}{593}$	$\frac{107}{593}$	$\frac{272}{593}$	$\Phi_{593}\ \Phi_{1}^2$
21246	594	796	$\frac{12}{199}$	$\frac{17}{199}$	$\frac{1}{4}$	$\frac{91}{199}$	$\Phi_{796}\ \Phi_{398}$
21247	594	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{132}^5\ \Phi_{66}^5\ \Phi_{44}^5\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{12}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4$
21248	594	420	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{60}\ \Phi_{42}^3\ \Phi_{30}^2\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{6}^3\ \Phi_{3}^2$
21249	594	1060	$\frac{2}{53}$	$\frac{1}{10}$	$\frac{17}{53}$	$\frac{9}{20}$	$\Phi_{1060}\ \Phi_{212}\ \Phi_{53}\ \Phi_{20}^2\ \Phi_{4}^2\ \Phi_{1}^2$
21250	594	380	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{380}\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{38}^3\ \Phi_{19}^2$
21251	594	1060	$\frac{5}{53}$	$\frac{1}{10}$	$\frac{8}{53}$	$\frac{9}{20}$	$\Phi_{1060}\ \Phi_{212}\ \Phi_{53}\ \Phi_{20}^2\ \Phi_{4}^2\ \Phi_{1}^2$
21252	594	140	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{140}^9\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^9\ \Phi_{14}$
21253	594	593	$\frac{44}{593}$	$\frac{61}{593}$	$\frac{109}{593}$	$\frac{266}{593}$	$\Phi_{593}\ \Phi_{1}^2$
21254	594	796	$\frac{10}{199}$	$\frac{21}{199}$	$\frac{1}{4}$	$\frac{89}{199}$	$\Phi_{796}\ \Phi_{398}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
21255	594	816	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{816}^2\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}\ \Phi_6$
21256	594	1040	$\frac{2}{65}$	$\frac{1}{8}$	$\frac{21}{65}$	$\frac{7}{16}$	$\Phi_{1040}\ \Phi_{208}\ \Phi_{80}\ \Phi_{65}\ \Phi_{16}^2\ \Phi_{13}\ \Phi_5\ \Phi_1^2$
21257	594	368	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{368}^3\ \Phi_{92}\ \Phi_{46}$
21258	594	560	$\frac{2}{35}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{560}^2\ \Phi_{112}^2\ \Phi_{80}\ \Phi_{35}^2\ \Phi_{16}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
21259	594	208	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{2}{13}$	$\frac{7}{16}$	$\Phi_{208}^5\ \Phi_{16}^6\ \Phi_{13}^5\ \Phi_1^6$
21260	594	336	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{336}^4\ \Phi_{112}^3\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
21261	594	245	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{16}{49}$	$\frac{2}{5}$	$\Phi_{245}^2\ \Phi_{49}^4\ \Phi_{35}^2\ \Phi_7^4\ \Phi_5^3\ \Phi_1^6$
21262	594	340	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{340}^2\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}^4\ \Phi_{34}^2\ \Phi_{20}\ \Phi_{17}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
21263	594	35	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{35}^{17}\ \Phi_7^{16}\ \Phi_5^{18}\ \Phi_1^{18}$
21264	594	560	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}^2\ \Phi_{80}\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
21265	594	245	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{245}^2\ \Phi_{49}^4\ \Phi_{35}^2\ \Phi_7^4\ \Phi_5^3\ \Phi_1^6$
21266	594	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{60}^{11}\ \Phi_{30}^{11}\ \Phi_{20}^{11}\ \Phi_{15}^{11}\ \Phi_{12}^{10}\ \Phi_{10}^5\ \Phi_6^{10}\ \Phi_5^6\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^4\ \Phi_1^6$
21267	594	990	$\frac{1}{55}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{990}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{10}$
21268	594	593	$\frac{11}{593}$	$\frac{133}{593}$	$\frac{194}{593}$	$\frac{230}{593}$	$\Phi_{593}\ \Phi_1^2$
21269	594	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{132}^5\ \Phi_{66}^5\ \Phi_{44}^3\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{12}^4\ \Phi_{11}^4\ \Phi_6^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
21270	594	1120	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{19}{80}$	$\frac{61}{160}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
21271	594	880	$\frac{1}{55}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{880}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{80}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
21272	594	736	$\frac{1}{23}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{736}\ \Phi_{368}\ \Phi_{92}\ \Phi_{46}$
21273	594	728	$\frac{5}{104}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{91}\ \Phi_{28}\ \Phi_{14}$
21274	594	646	$\frac{1}{34}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{646}\ \Phi_{323}\ \Phi_{38}$
21275	594	322	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{322}^3\ \Phi_{161}\ \Phi_{46}^3$
21276	594	593	$\frac{35}{593}$	$\frac{62}{593}$	$\frac{177}{593}$	$\frac{208}{593}$	$\Phi_{593}\ \Phi_1^2$
21277	594	593	$\frac{43}{593}$	$\frac{50}{593}$	$\frac{181}{593}$	$\frac{206}{593}$	$\Phi_{593}\ \Phi_1^2$
21278	594	660	$\frac{4}{55}$	$\frac{1}{12}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
21279	594	670	$\frac{4}{67}$	$\frac{1}{10}$	$\frac{21}{67}$	$\frac{23}{67}$	$\Phi_{670}\ \Phi_{335}\ \Phi_{134}$
21280	594	350	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{8}{25}$	$\frac{17}{50}$	$\Phi_{350}^3\ \Phi_{175}\ \Phi_{70}^3\ \Phi_{35}\ \Phi_{14}^3$
21281	594	593	$\frac{14}{593}$	$\frac{131}{593}$	$\frac{193}{593}$	$\frac{200}{593}$	$\Phi_{593}\ \Phi_1^2$
21282	594	796	$\frac{4}{199}$	$\frac{1}{4}$	$\frac{65}{199}$	$\frac{67}{199}$	$\Phi_{796}\ \Phi_{398}$
21283	594	588	$\frac{1}{49}$	$\frac{1}{4}$	$\frac{16}{49}$	$\frac{1}{3}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{12}^3\ \Phi_6^3$
21284	594	894	$\frac{7}{298}$	$\frac{67}{298}$	$\frac{97}{298}$	$\frac{1}{3}$	$\Phi_{894}\ \Phi_{447}\ \Phi_6$
21285	594	240	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{60}^4\ \Phi_{48}^2\ \Phi_{30}^5\ \Phi_{24}^2\ \Phi_{15}^5\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
21286	594	156	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{156}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^2\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
21287	594	894	$\frac{23}{298}$	$\frac{25}{298}$	$\frac{91}{298}$	$\frac{1}{3}$	$\Phi_{894}\ \Phi_{447}\ \Phi_6$
21288	594	894	$\frac{19}{298}$	$\frac{31}{298}$	$\frac{89}{298}$	$\frac{1}{3}$	$\Phi_{894}\ \Phi_{447}\ \Phi_6$
21289	594	420	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
21290	594	204	$\frac{1}{34}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^4\ \Phi_{102}^5\ \Phi_{51}^5\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
21291	594	420	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{84}^2\ \Phi_{60}^3\ \Phi_{42}^2\ \Phi_{30}^3\ \Phi_{12}^3\ \Phi_6^3$
21292	594	336	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{84}\ \Phi_{48}^3\ \Phi_{42}^2\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
21293	594	588	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}^{2}\ \Phi_{294}^{2}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
21294	594	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^{10}\ \Phi_{30}^{11}\ \Phi_{20}^{12}\ \Phi_{15}^{11}\ \Phi_{12}^{5}\ \Phi_{10}^{12}\ \Phi_{6}^{6}\ \Phi_{5}^{12}\ \Phi_{4}^{6}\ \Phi_{3}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
21295	594	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{120}^{7}\ \Phi_{60}^{7}\ \Phi_{30}^{8}\ \Phi_{24}^{8}\ \Phi_{15}^{8}\ \Phi_{12}^{8}\ \Phi_{6}^{9}\ \Phi_{3}^{8}$
21296	594	260	$\frac{2}{65}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{21}{65}$	$\Phi_{260}^{2}\ \Phi_{130}^{2}\ \Phi_{65}^{3}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{20}^{2}\ \Phi_{13}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
21297	594	593	$\frac{20}{593}$	$\frac{134}{593}$	$\frac{153}{593}$	$\frac{191}{593}$	$\Phi_{593}\ \Phi_{1}^{2}$
21298	594	796	$\frac{7}{199}$	$\frac{45}{199}$	$\frac{1}{4}$	$\frac{64}{199}$	$\Phi_{796}\ \Phi_{398}$
21299	594	795	$\frac{2}{53}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{17}{53}$	$\Phi_{795}\ \Phi_{159}\ \Phi_{53}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
21300	594	272	$\frac{1}{16}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{5}{16}$	$\Phi_{272}^{2}\ \Phi_{136}^{2}\ \Phi_{68}^{2}\ \Phi_{34}^{2}\ \Phi_{17}^{3}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
21301	594	112	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{112}^{6}\ \Phi_{56}^{6}\ \Phi_{28}^{7}\ \Phi_{14}^{7}\ \Phi_{7}^{6}$
21302	594	593	$\frac{38}{593}$	$\frac{68}{593}$	$\frac{175}{593}$	$\frac{185}{593}$	$\Phi_{593}\ \Phi_{1}^{2}$
21303	594	700	$\frac{7}{100}$	$\frac{1}{7}$	$\frac{23}{100}$	$\frac{31}{100}$	$\Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
21304	594	182	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{4}{13}$	$\Phi_{182}^{4}\ \Phi_{91}^{2}\ \Phi_{26}^{4}\ \Phi_{14}^{6}\ \Phi_{13}^{4}\ \Phi_{7}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
21305	594	593	$\frac{47}{593}$	$\frac{76}{593}$	$\frac{137}{593}$	$\frac{182}{593}$	$\Phi_{593}\ \Phi_{1}^{2}$
21306	594	796	$\frac{16}{199}$	$\frac{23}{199}$	$\frac{1}{4}$	$\frac{61}{199}$	$\Phi_{796}\ \Phi_{398}$
21307	594	115	$\frac{2}{23}$	$\frac{16}{115}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{115}^{5}\ \Phi_{23}^{6}\ \Phi_{5}^{4}\ \Phi_{1}^{6}$
21308	594	280	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{70}\ \Phi_{56}^{3}\ \Phi_{35}\ \Phi_{28}^{3}\ \Phi_{14}$
21309	594	204	$\frac{1}{12}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{204}^{3}\ \Phi_{102}^{3}\ \Phi_{68}^{2}\ \Phi_{51}^{3}\ \Phi_{34}^{2}\ \Phi_{17}^{3}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
21310	594	680	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{5}{17}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{17}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
21311	594	660	$\frac{1}{12}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
21312	594	593	$\frac{41}{593}$	$\frac{92}{593}$	$\frac{142}{593}$	$\frac{167}{593}$	$\Phi_{593}\ \Phi_{1}^{2}$
21313	594	796	$\frac{13}{199}$	$\frac{31}{199}$	$\frac{1}{4}$	$\frac{56}{199}$	$\Phi_{796}\ \Phi_{398}$
21314	594	300	$\frac{1}{12}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{300}^{2}\ \Phi_{150}^{2}\ \Phi_{100}^{2}\ \Phi_{75}^{2}\ \Phi_{60}^{3}\ \Phi_{50}^{2}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
21315	594	1140	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{38}$
21316	594	795	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{795}\ \Phi_{159}\ \Phi_{53}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
21317	594	210	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{210}^{5}\ \Phi_{105}^{4}\ \Phi_{70}\ \Phi_{42}^{5}\ \Phi_{35}\ \Phi_{21}^{4}\ \Phi_{14}$
21318	594	92	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{92}^{7}\ \Phi_{46}^{7}\ \Phi_{23}^{6}$
21319	594	140	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^{4}\ \Phi_{70}^{4}\ \Phi_{35}^{6}\ \Phi_{28}^{4}\ \Phi_{20}^{2}\ \Phi_{14}^{4}\ \Phi_{10}^{2}\ \Phi_{7}^{6}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
21320	594	52	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{52}^{10}\ \Phi_{26}^{10}\ \Phi_{13}^{15}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{18}$
21321	594	84	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{84}^{9}\ \Phi_{42}^{9}\ \Phi_{28}^{7}\ \Phi_{21}^{9}\ \Phi_{14}^{7}\ \Phi_{7}^{6}$
21322	594	896	$\frac{3}{32}$	$\frac{1}{7}$	$\frac{29}{128}$	$\frac{1}{4}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{28}\ \Phi_{14}$
21323	594	140	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{140}^{6}\ \Phi_{70}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{3}\ \Phi_{20}^{8}\ \Phi_{14}^{2}\ \Phi_{10}^{4}\ \Phi_{7}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
21324	594	112	$\frac{13}{112}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{112}^{5}\ \Phi_{56}^{5}\ \Phi_{28}^{6}\ \Phi_{16}^{6}\ \Phi_{14}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
21325	594	280	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{70}^{3}\ \Phi_{35}^{3}\ \Phi_{28}\ \Phi_{14}$
21326	595	472	$\frac{1}{118}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{117}{236}$	$\Phi_{472}^{2}\ \Phi_{236}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
21327	595	168	$\frac{1}{84}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{83}{168}$	$\Phi_{168}^{7}\ \Phi_{56}^{7}\ \Phi_{24}^{7}\ \Phi_{12}\ \Phi_{8}^{7}\ \Phi_{4}\ \Phi_{1}$
21328	595	504	$\frac{1}{84}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{83}{168}$	$\Phi_{504}^{3}\ \Phi_{168}\ \Phi_{72}^{3}\ \Phi_{56}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
21329	595	1056	$\frac{1}{66}$	$\frac{67}{528}$	$\frac{461}{1056}$	$\frac{65}{132}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{132}\ \Phi_{96}\ \Phi_{44}\ \Phi_{32}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
21330	595	792	$\frac{1}{66}$	$\frac{197}{792}$	$\frac{67}{264}$	$\frac{65}{132}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
21331	595	234	$\frac{2}{117}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{115}{234}$	$\Phi_{234}^2\ \Phi_{117}^3\ \Phi_{78}^2\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^3\ \Phi_9^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
21332	595	216	$\frac{1}{54}$	$\frac{11}{108}$	$\frac{97}{216}$	$\frac{53}{108}$	$\Phi_{216}^5\ \Phi_{108}\ \Phi_{72}^5\ \Phi_{36}\ \Phi_{24}^5\ \Phi_{12}\ \Phi_8^5\ \Phi_4\ \Phi_1$
21333	595	480	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{41}{160}$	$\frac{39}{80}$	$\Phi_{480}^2\ \Phi_{160}\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{60}^2\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
21334	595	696	$\frac{3}{116}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{113}{232}$	$\Phi_{696}^2\ \Phi_{232}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
21335	595	544	$\frac{1}{34}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{33}{68}$	$\Phi_{544}^2\ \Phi_{68}\ \Phi_{32}^3\ \Phi_4\ \Phi_1$
21336	595	408	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{33}{68}$	$\Phi_{408}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
21337	595	340	$\frac{1}{34}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{340}^2\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{68}\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
21338	595	1152	$\frac{19}{576}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{557}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
21339	595	1152	$\frac{19}{576}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{557}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
21340	595	690	$\frac{4}{115}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{111}{230}$	$\Phi_{690}\ \Phi_{345}\ \Phi_{138}\ \Phi_{115}\ \Phi_{69}\ \Phi_{30}^2\ \Phi_{23}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
21341	595	1144	$\frac{23}{572}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{549}{1144}$	$\Phi_{1144}\ \Phi_{104}\ \Phi_{88}\ \Phi_{44}\ \Phi_8\ \Phi_4\ \Phi_1$
21342	595	144	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{25}{144}$	$\frac{23}{48}$	$\Phi_{144}^5\ \Phi_{72}^5\ \Phi_{36}^5\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
21343	595	228	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{109}{228}$	$\Phi_{228}^5\ \Phi_{76}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
21344	595	864	$\frac{1}{18}$	$\frac{19}{288}$	$\frac{269}{864}$	$\frac{17}{36}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
21345	595	648	$\frac{1}{18}$	$\frac{53}{648}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
21346	595	144	$\frac{1}{18}$	$\frac{19}{144}$	$\frac{25}{144}$	$\frac{17}{36}$	$\Phi_{144}^4\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{36}^5\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
21347	595	198	$\frac{1}{18}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{198}^3\ \Phi_{99}^3\ \Phi_{66}^2\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}^5\ \Phi_{11}^3\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
21348	595	66	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{31}{66}$	$\Phi_{66}^6\ \Phi_{33}^{11}\ \Phi_{22}^8\ \Phi_{11}^{12}\ \Phi_6^6\ \Phi_3^{11}\ \Phi_2^8\ \Phi_1^{13}$
21349	595	1632	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{16}{51}$	$\frac{15}{32}$	$\Phi_{1632}\ \Phi_{96}\ \Phi_{51}\ \Phi_{32}\ \Phi_3\ \Phi_1$
21350	595	544	$\frac{1}{16}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{15}{32}$	$\Phi_{544}^2\ \Phi_{32}^3\ \Phi_{17}^2\ \Phi_1^3$
21351	595	96	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{96}^{14}\ \Phi_{32}^7\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
21352	595	220	$\frac{9}{110}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{101}{220}$	$\Phi_{220}^5\ \Phi_{44}^5\ \Phi_{20}^5\ \Phi_{11}^4\ \Phi_4^5\ \Phi_1^5$
21353	595	660	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{101}{220}$	$\Phi_{660}^2\ \Phi_{220}\ \Phi_{132}^2\ \Phi_{60}^2\ \Phi_{44}\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
21354	595	726	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{131}{726}$	$\frac{111}{242}$	$\Phi_{726}\ \Phi_{363}\ \Phi_{121}\ \Phi_{66}\ \Phi_{33}\ \Phi_6\ \Phi_3\ \Phi_1$
21355	595	144	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{144}^6\ \Phi_{48}^5\ \Phi_{36}^6\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
21356	595	576	$\frac{1}{18}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{576}^2\ \Phi_{192}^2\ \Phi_{64}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
21357	595	216	$\frac{2}{27}$	$\frac{11}{108}$	$\frac{5}{27}$	$\frac{97}{216}$	$\Phi_{216}^5\ \Phi_{72}^5\ \Phi_{27}^2\ \Phi_{24}^5\ \Phi_9^2\ \Phi_8^5\ \Phi_3^2\ \Phi_1^3$
21358	595	216	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{6}$	$\frac{97}{216}$	$\Phi_{216}^5\ \Phi_{72}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
21359	595	384	$\frac{9}{128}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}\ \Phi_{96}^2\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
21360	595	1056	$\frac{1}{22}$	$\frac{67}{528}$	$\frac{21}{88}$	$\frac{461}{1056}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{96}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
21361	595	99	$\frac{8}{99}$	$\frac{13}{99}$	$\frac{14}{99}$	$\frac{43}{99}$	$\Phi_{99}^6\ \Phi_{33}^6\ \Phi_{11}^6\ \Phi_9^6\ \Phi_3^6\ \Phi_1^7$
21362	595	180	$\frac{1}{36}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}^5\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{18}^5\ \Phi_{15}^3\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_9^5\ \Phi_6^4\ \Phi_5^3\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
21363	595	30	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{13}{30}$	$\Phi_{30}^{17}\ \Phi_{15}^{23}\ \Phi_{10}^{17}\ \Phi_6^{16}\ \Phi_5^{23}\ \Phi_3^{22}\ \Phi_2^{16}\ \Phi_1^{23}$
21364	595	348	$\frac{2}{87}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{348}^3\ \Phi_{116}^3\ \Phi_{87}\ \Phi_{29}\ \Phi_{12}\ \Phi_4\ \Phi_1$
21365	595	252	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{41}{126}$	$\frac{5}{12}$	$\Phi_{252}^6\ \Phi_{126}\ \Phi_{63}\ \Phi_{36}^6\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
21366	595	72	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{72}^{12}\ \Phi_{36}^5\ \Phi_{24}^{11}\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^{11}\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
21367	595	264	$\frac{3}{88}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^3\ \Phi_{66}^2\ \Phi_{44}^3\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^3\ \Phi_{12}\ \Phi_{11}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
21368	595	336	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{27}{112}$	$\frac{5}{12}$	$\Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{112}^{3}\ \Phi_{56}^{3}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{3}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
21369	595	84	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{4}{21}$	$\frac{5}{12}$	$\Phi_{84}^{12}\ \Phi_{28}^{12}\ \Phi_{21}^{4}\ \Phi_{12}^{13}\ \Phi_{7}^{4}\ \Phi_{4}^{13}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
21370	595	36	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{36}^{30}\ \Phi_{18}^{5}\ \Phi_{12}^{25}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{25}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
21371	595	1092	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{156}\ \Phi_{91}\ \Phi_{52}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
21372	595	588	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{588}^{2}\ \Phi_{196}^{2}\ \Phi_{98}\ \Phi_{49}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
21373	595	96	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{96}^{7}\ \Phi_{48}^{7}\ \Phi_{32}^{7}\ \Phi_{24}^{7}\ \Phi_{16}^{7}\ \Phi_{12}\ \Phi_{8}^{7}\ \Phi_{4}\ \Phi_{1}$
21374	595	132	$\frac{1}{11}$	$\frac{13}{132}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{132}^{5}\ \Phi_{66}^{5}\ \Phi_{44}^{5}\ \Phi_{33}^{5}\ \Phi_{12}^{5}\ \Phi_{11}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
21375	595	135	$\frac{2}{27}$	$\frac{16}{135}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{135}^{5}\ \Phi_{45}^{5}\ \Phi_{27}^{2}\ \Phi_{15}^{5}\ \Phi_{9}^{2}\ \Phi_{5}^{5}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
21376	595	600	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{19}{100}$	$\frac{81}{200}$	$\Phi_{600}^{2}\ \Phi_{200}\ \Phi_{120}^{2}\ \Phi_{60}^{2}\ \Phi_{40}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
21377	595	624	$\frac{29}{624}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
21378	595	972	$\frac{1}{54}$	$\frac{109}{486}$	$\frac{53}{162}$	$\frac{377}{972}$	$\Phi_{972}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
21379	595	968	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{111}{484}$	$\frac{373}{968}$	$\Phi_{968}\ \Phi_{121}\ \Phi_{88}\ \Phi_{8}\ \Phi_{1}$
21380	595	704	$\frac{1}{22}$	$\frac{109}{704}$	$\frac{21}{88}$	$\frac{67}{176}$	$\Phi_{704}\ \Phi_{352}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{32}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
21381	595	192	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{23}{96}$	$\frac{73}{192}$	$\Phi_{192}^{5}\ \Phi_{64}^{5}\ \Phi_{24}^{5}\ \Phi_{12}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
21382	595	864	$\frac{1}{54}$	$\frac{53}{216}$	$\frac{269}{864}$	$\frac{163}{432}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
21383	595	1416	$\frac{1}{59}$	$\frac{1}{4}$	$\frac{58}{177}$	$\frac{3}{8}$	$\Phi_{1416}\ \Phi_{177}\ \Phi_{24}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
21384	595	472	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{472}^{2}\ \Phi_{59}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
21385	595	72	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^{8}\ \Phi_{36}^{10}\ \Phi_{24}^{8}\ \Phi_{18}^{9}\ \Phi_{12}^{10}\ \Phi_{9}^{9}\ \Phi_{8}^{4}\ \Phi_{6}^{9}\ \Phi_{4}^{5}\ \Phi_{3}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
21386	595	132	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{19}{66}$	$\frac{47}{132}$	$\Phi_{132}^{7}\ \Phi_{44}^{7}\ \Phi_{22}^{6}\ \Phi_{12}^{7}\ \Phi_{11}^{6}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
21387	595	54	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{54}^{8}\ \Phi_{27}^{9}\ \Phi_{18}^{16}\ \Phi_{9}^{16}\ \Phi_{6}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
21388	595	180	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{29}{90}$	$\frac{61}{180}$	$\Phi_{180}^{5}\ \Phi_{60}^{5}\ \Phi_{36}^{5}\ \Phi_{30}^{5}\ \Phi_{20}^{5}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
21389	595	261	$\frac{2}{87}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{261}^{3}\ \Phi_{87}\ \Phi_{29}\ \Phi_{9}\ \Phi_{1}$
21390	595	126	$\frac{1}{42}$	$\frac{2}{9}$	$\frac{41}{126}$	$\frac{1}{3}$	$\Phi_{126}^{4}\ \Phi_{63}^{4}\ \Phi_{42}^{6}\ \Phi_{21}^{6}\ \Phi_{18}^{4}\ \Phi_{14}^{6}\ \Phi_{9}^{5}\ \Phi_{7}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
21391	595	792	$\frac{3}{88}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
21392	595	1008	$\frac{1}{28}$	$\frac{2}{9}$	$\frac{27}{112}$	$\frac{1}{3}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{144}\ \Phi_{112}\ \Phi_{72}\ \Phi_{56}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
21393	595	156	$\frac{2}{39}$	$\frac{1}{6}$	$\frac{37}{156}$	$\frac{1}{3}$	$\Phi_{156}^{5}\ \Phi_{78}^{2}\ \Phi_{52}^{5}\ \Phi_{39}^{3}\ \Phi_{26}^{2}\ \Phi_{13}^{3}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
21394	595	63	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{63}^{12}\ \Phi_{21}^{4}\ \Phi_{9}^{13}\ \Phi_{7}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
21395	595	18	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{18}^{32}\ \Phi_{9}^{33}\ \Phi_{6}^{34}\ \Phi_{3}^{34}\ \Phi_{2}^{34}\ \Phi_{1}^{35}$
21396	595	819	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{819}\ \Phi_{117}\ \Phi_{91}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
21397	595	882	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{882}\ \Phi_{441}\ \Phi_{98}\ \Phi_{49}\ \Phi_{9}\ \Phi_{1}$
21398	595	288	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{288}^{3}\ \Phi_{144}^{3}\ \Phi_{96}\ \Phi_{72}^{3}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
21399	595	408	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{16}{51}$	$\Phi_{408}\ \Phi_{204}\ \Phi_{136}^{2}\ \Phi_{102}\ \Phi_{68}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{2}\ \Phi_{24}^{2}\ \Phi_{17}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
21400	595	1020	$\frac{1}{17}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{60}\ \Phi_{51}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
21401	595	864	$\frac{19}{288}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{269}{864}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
21402	595	144	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{25}{144}$	$\frac{11}{36}$	$\Phi_{144}^{5}\ \Phi_{72}^{5}\ \Phi_{48}^{5}\ \Phi_{24}^{5}\ \Phi_{16}^{5}\ \Phi_{12}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
21403	595	408	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{3}{17}$	$\frac{7}{24}$	$\Phi_{408}^{2}\ \Phi_{204}^{2}\ \Phi_{102}^{2}\ \Phi_{51}^{2}\ \Phi_{24}^{3}\ \Phi_{17}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
21404	595	24	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{24}^{23}\ \Phi_{12}^{23}\ \Phi_{8}^{29}\ \Phi_{6}^{22}\ \Phi_{4}^{29}\ \Phi_{3}^{22}\ \Phi_{2}^{28}\ \Phi_{1}^{29}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
21405	595	165	$\frac{1}{11}$	$\frac{9}{55}$	$\frac{2}{11}$	$\frac{46}{165}$	$\Phi_{165}^5\ \Phi_{33}^5\ \Phi_{15}^5\ \Phi_{11}^4\ \Phi_3^5\ \Phi_1^5$
21406	595	144	$\frac{1}{18}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{144}^4\ \Phi_{72}^4\ \Phi_{48}^3\ \Phi_{36}^6\ \Phi_{24}^3\ \Phi_{18}^5\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
21407	595	162	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{11}{54}$	$\frac{43}{162}$	$\Phi_{162}^5\ \Phi_{81}^5\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^3$
21408	595	648	$\frac{53}{648}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
21409	595	792	$\frac{1}{22}$	$\frac{21}{88}$	$\frac{197}{792}$	$\frac{67}{264}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
21410	595	340	$\frac{2}{17}$	$\frac{3}{20}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{340}^2\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{20}^3\ \Phi_{17}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1^3$
21411	595	120	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{120}^8\ \Phi_{60}^6\ \Phi_{40}^4\ \Phi_{30}^6\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{15}^6\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
21412	595	44	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{44}$	$\frac{5}{22}$	$\Phi_{44}^{17}\ \Phi_{22}^8\ \Phi_{11}^{12}\ \Phi_4^{17}\ \Phi_2^8\ \Phi_1^{13}$
21413	595	768	$\frac{19}{192}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{173}{768}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
21414	595	96	$\frac{11}{96}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{96}^6\ \Phi_{48}^6\ \Phi_{32}^6\ \Phi_{24}^7\ \Phi_{16}^6\ \Phi_{12}^7\ \Phi_8^7\ \Phi_6^6\ \Phi_4^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
21415	595	144	$\frac{19}{144}$	$\frac{1}{6}$	$\frac{25}{144}$	$\frac{5}{24}$	$\Phi_{144}^4\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{24}^5\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
21416	596	888	$\frac{1}{148}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{147}{296}$	$\Phi_{888}\ \Phi_{296}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
21417	596	238	$\frac{1}{119}$	$\frac{30}{119}$	$\frac{89}{238}$	$\frac{59}{119}$	$\Phi_{238}^4\ \Phi_{119}\ \Phi_{34}^4\ \Phi_{17}\ \Phi_{14}^4\ \Phi_7\ \Phi_2^4\ \Phi_1^2$
21418	596	295	$\frac{3}{295}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{146}{295}$	$\Phi_{295}^2\ \Phi_{59}^2\ \Phi_5^3\ \Phi_1^4$
21419	596	255	$\frac{1}{85}$	$\frac{43}{255}$	$\frac{106}{255}$	$\frac{42}{85}$	$\Phi_{255}^2\ \Phi_{85}^3\ \Phi_{51}^2\ \Phi_{17}^3\ \Phi_{15}^2\ \Phi_5^3\ \Phi_3^2\ \Phi_1^4$
21420	596	294	$\frac{2}{147}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{145}{294}$	$\Phi_{294}^4\ \Phi_{98}^4\ \Phi_{42}^4\ \Phi_{14}^4\ \Phi_7\ \Phi_6^4\ \Phi_2^4\ \Phi_1^2$
21421	596	1470	$\frac{2}{147}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{145}{294}$	$\Phi_{1470}\ \Phi_{490}\ \Phi_{210}\ \Phi_{70}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
21422	596	585	$\frac{11}{585}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{287}{585}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_9\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
21423	596	200	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{51}{200}$	$\frac{49}{100}$	$\Phi_{200}^4\ \Phi_{50}^4\ \Phi_{40}^4\ \Phi_{25}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
21424	596	290	$\frac{4}{145}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{141}{290}$	$\Phi_{290}^4\ \Phi_{58}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
21425	596	280	$\frac{1}{35}$	$\frac{9}{140}$	$\frac{131}{280}$	$\frac{17}{35}$	$\Phi_{280}^4\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{35}\ \Phi_8^4\ \Phi_7\ \Phi_5\ \Phi_1^2$
21426	596	210	$\frac{1}{35}$	$\frac{9}{70}$	$\frac{61}{210}$	$\frac{17}{35}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{42}^4\ \Phi_{35}\ \Phi_{30}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_7\ \Phi_6^4\ \Phi_5\ \Phi_3^4\ \Phi_1^2$
21427	596	175	$\frac{1}{35}$	$\frac{26}{175}$	$\frac{9}{35}$	$\frac{17}{35}$	$\Phi_{175}^4\ \Phi_{35}\ \Phi_{25}^4\ \Phi_7\ \Phi_5\ \Phi_1^2$
21428	596	289	$\frac{9}{289}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{140}{289}$	$\Phi_{289}^2\ \Phi_{17}^3\ \Phi_1^4$
21429	596	180	$\frac{1}{30}$	$\frac{31}{180}$	$\frac{1}{5}$	$\frac{29}{60}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
21430	596	1440	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{139}{288}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{160}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
21431	596	575	$\frac{21}{575}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{277}{575}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}^2\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
21432	596	858	$\frac{6}{143}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{137}{286}$	$\Phi_{858}^2\ \Phi_{78}^2\ \Phi_{66}^2\ \Phi_{39}\ \Phi_6^2$
21433	596	483	$\frac{1}{23}$	$\frac{12}{161}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{483}^2\ \Phi_{69}\ \Phi_{21}^2$
21434	596	285	$\frac{13}{285}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{136}{285}$	$\Phi_{285}^2\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
21435	596	561	$\frac{1}{17}$	$\frac{35}{561}$	$\frac{16}{51}$	$\frac{263}{561}$	$\Phi_{561}\ \Phi_{187}\ \Phi_{51}^2\ \Phi_{33}\ \Phi_{17}\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
21436	596	280	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{131}{280}$	$\Phi_{280}^4\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
21437	596	156	$\frac{7}{156}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{156}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
21438	596	204	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{55}{204}$	$\frac{47}{102}$	$\Phi_{204}^4\ \Phi_{68}^4\ \Phi_{51}^4\ \Phi_{17}^3\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
21439	596	276	$\frac{1}{23}$	$\frac{11}{138}$	$\frac{1}{3}$	$\frac{127}{276}$	$\Phi_{276}^4\ \Phi_{92}^4\ \Phi_{69}\ \Phi_{12}^4\ \Phi_4^4$
21440	596	275	$\frac{2}{25}$	$\frac{23}{275}$	$\frac{1}{5}$	$\frac{126}{275}$	$\Phi_{275}^2\ \Phi_{55}^2\ \Phi_{25}^4\ \Phi_{11}^2\ \Phi_5^3\ \Phi_1^4$
21441	596	272	$\frac{1}{17}$	$\frac{13}{136}$	$\frac{4}{17}$	$\frac{123}{272}$	$\Phi_{272}^4\ \Phi_{17}^3\ \Phi_{16}^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
21442	596	160	$\frac{11}{160}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{160}^4\ \Phi_{80}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
21443	596	270	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{5}$	$\frac{121}{270}$	$\Phi_{270}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
21444	596	525	$\frac{1}{35}$	$\frac{71}{525}$	$\frac{34}{105}$	$\frac{227}{525}$	$\Phi_{525}\ \Phi_{175}\ \Phi_{105}^2\ \Phi_{75}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
21445	596	525	$\frac{4}{75}$	$\frac{71}{525}$	$\frac{1}{5}$	$\frac{227}{525}$	$\Phi_{525}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{35}\ \Phi_{25}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
21446	596	441	$\frac{4}{147}$	$\frac{1}{7}$	$\frac{143}{441}$	$\frac{3}{7}$	$\Phi_{441}^2\ \Phi_{63}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
21447	596	154	$\frac{5}{154}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{154}^4\ \Phi_{77}^4\ \Phi_{22}^4\ \Phi_{14}^4\ \Phi_{11}^4\ \Phi_7\ \Phi_2^4\ \Phi_1^2$
21448	596	196	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{47}{196}$	$\frac{3}{7}$	$\Phi_{196}^4\ \Phi_{98}^4\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_7\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
21449	596	315	$\frac{17}{315}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
21450	596	343	$\frac{4}{49}$	$\frac{45}{343}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{343}^2\ \Phi_7\ \Phi_1^2$
21451	596	168	$\frac{2}{21}$	$\frac{19}{168}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{168}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_7\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
21452	596	210	$\frac{1}{35}$	$\frac{17}{105}$	$\frac{61}{210}$	$\frac{44}{105}$	$\Phi_{210}^4\ \Phi_{105}^2\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}\ \Phi_{30}^4\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7\ \Phi_6^4\ \Phi_5\ \Phi_3^2\ \Phi_2^4\ \Phi_1^2$
21453	596	780	$\frac{7}{156}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{65}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
21454	596	255	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{43}{255}$	$\frac{106}{255}$	$\Phi_{255}^2\ \Phi_{85}^2\ \Phi_{51}^4\ \Phi_{17}^3\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
21455	596	153	$\frac{4}{153}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{153}^4\ \Phi_{51}^4\ \Phi_{17}^3\ \Phi_9^4\ \Phi_3^4\ \Phi_1^4$
21456	596	250	$\frac{1}{25}$	$\frac{24}{125}$	$\frac{1}{5}$	$\frac{101}{250}$	$\Phi_{250}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
21457	596	170	$\frac{1}{17}$	$\frac{21}{170}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{170}^4\ \Phi_{85}^4\ \Phi_{17}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_1^4$
21458	596	240	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{29}{120}$	$\frac{91}{240}$	$\Phi_{240}^4\ \Phi_{80}^4\ \Phi_{48}^4\ \Phi_{30}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
21459	596	459	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{137}{459}$	$\frac{161}{459}$	$\Phi_{459}\ \Phi_{153}^2\ \Phi_{51}^2\ \Phi_{27}\ \Phi_{17}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
21460	596	225	$\frac{2}{75}$	$\frac{1}{5}$	$\frac{73}{225}$	$\frac{76}{225}$	$\Phi_{225}^2\ \Phi_{75}^4\ \Phi_{45}^2\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_9^2\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
21461	596	222	$\frac{1}{74}$	$\frac{73}{222}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{222}^3\ \Phi_{111}^3\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
21462	596	456	$\frac{3}{152}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{456}\ \Phi_{228}\ \Phi_{152}^2\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{24}\ \Phi_{19}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
21463	596	555	$\frac{1}{37}$	$\frac{36}{185}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{555}\ \Phi_{185}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
21464	596	345	$\frac{1}{23}$	$\frac{47}{345}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{345}^2\ \Phi_{115}^2\ \Phi_{69}\ \Phi_{15}^2\ \Phi_5^2$
21465	596	429	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{131}{429}$	$\frac{1}{3}$	$\Phi_{429}\ \Phi_{143}^2\ \Phi_{39}^2\ \Phi_{33}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
21466	596	207	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{58}{207}$	$\frac{1}{3}$	$\Phi_{207}^4\ \Phi_{69}\ \Phi_9^4$
21467	596	552	$\frac{1}{23}$	$\frac{35}{184}$	$\frac{11}{46}$	$\frac{1}{3}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{69}\ \Phi_{24}^2\ \Phi_{12}^2$
21468	596	840	$\frac{2}{21}$	$\frac{19}{168}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
21469	596	180	$\frac{1}{15}$	$\frac{31}{180}$	$\frac{1}{5}$	$\frac{14}{45}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
21470	596	1080	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{67}{216}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
21471	596	210	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{5}$	$\frac{61}{210}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
21472	596	810	$\frac{13}{162}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{135}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
21473	596	204	$\frac{1}{17}$	$\frac{13}{68}$	$\frac{4}{17}$	$\frac{55}{204}$	$\Phi_{204}^4\ \Phi_{102}^4\ \Phi_{51}^4\ \Phi_{17}^3\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4\ \Phi_1^4$
21474	596	315	$\frac{17}{315}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
21475	596	195	$\frac{11}{195}$	$\frac{1}{5}$	$\frac{46}{195}$	$\frac{4}{15}$	$\Phi_{195}^3\ \Phi_{65}^3\ \Phi_{39}^3\ \Phi_{15}^4\ \Phi_{13}^3\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
21476	596	170	$\frac{9}{85}$	$\frac{21}{170}$	$\frac{19}{85}$	$\frac{22}{85}$	$\Phi_{170}^4\ \Phi_{85}^3\ \Phi_{34}^4\ \Phi_{17}^3\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
21477	596	960	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{43}{192}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{160}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
21478	596	840	$\frac{19}{168}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
21479	596	180	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{180}$	$\frac{1}{5}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^3\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
21480	597	1184	$\frac{5}{592}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{587}{1184}$	$\Phi_{1184}\ \Phi_{32}\ \Phi_8\ \Phi_1$
21481	597	800	$\frac{3}{200}$	$\frac{1}{4}$	$\frac{203}{800}$	$\frac{197}{400}$	$\Phi_{800}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
21482	597	392	$\frac{3}{196}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{193}{392}$	$\Phi_{392}^3\ \Phi_{56}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
21483	597	780	$\frac{4}{195}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{191}{390}$	$\Phi_{780}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
21484	597	240	$\frac{1}{40}$	$\frac{41}{240}$	$\frac{1}{4}$	$\frac{39}{80}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
21485	597	1160	$\frac{17}{580}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{563}{1160}$	$\Phi_{1160}\ \Phi_{232}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
21486	597	384	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{185}{384}$	$\Phi_{384}^3\ \Phi_{128}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
21487	597	380	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{181}{380}$	$\Phi_{380}\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{76}\ \Phi_{38}^2\ \Phi_{20}^3\ \Phi_{19}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
21488	597	1120	$\frac{37}{560}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{523}{1120}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
21489	597	640	$\frac{43}{640}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
21490	597	360	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{1}{4}$	$\frac{161}{360}$	$\Phi_{360}^3\ \Phi_{120}^3\ \Phi_{72}^3\ \Phi_{40}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
21491	597	208	$\frac{9}{208}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{208}^3\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
21492	597	700	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{1}{4}$	$\frac{151}{350}$	$\Phi_{700}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}^2\ \Phi_{50}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
21493	597	1000	$\frac{3}{100}$	$\frac{97}{500}$	$\frac{1}{4}$	$\frac{403}{1000}$	$\Phi_{1000}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
21494	597	320	$\frac{1}{40}$	$\frac{39}{160}$	$\frac{1}{4}$	$\frac{121}{320}$	$\Phi_{320}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
21495	597	296	$\frac{5}{296}$	$\frac{1}{4}$	$\frac{97}{296}$	$\frac{3}{8}$	$\Phi_{296}^2\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
21496	597	608	$\frac{11}{608}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_8\ \Phi_1$
21497	597	300	$\frac{1}{50}$	$\frac{1}{4}$	$\frac{49}{150}$	$\frac{101}{300}$	$\Phi_{300}\ \Phi_{150}^2\ \Phi_{100}^3\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{50}^3\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
21498	597	240	$\frac{1}{20}$	$\frac{41}{240}$	$\frac{1}{4}$	$\frac{19}{60}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
21499	597	288	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{89}{288}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
21500	597	216	$\frac{17}{216}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{216}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
21501	597	280	$\frac{3}{40}$	$\frac{37}{280}$	$\frac{1}{4}$	$\frac{81}{280}$	$\Phi_{280}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
21502	597	420	$\frac{11}{210}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{420}^2\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
21503	597	224	$\frac{3}{28}$	$\frac{25}{224}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{224}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
21504	597	260	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{61}{260}$	$\frac{1}{4}$	$\Phi_{260}^2\ \Phi_{130}^2\ \Phi_{65}^3\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{20}^3\ \Phi_{13}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
21505	597	256	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{256}$	$\frac{1}{4}$	$\Phi_{256}^3\ \Phi_{128}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
21506	597	224	$\frac{25}{224}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{224}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
21507	597	240	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{240}$	$\frac{1}{4}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
21508	598	594	$\frac{2}{297}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{295}{594}$	$\Phi_{594}^2\ \Phi_{198}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
21509	598	1200	$\frac{1}{100}$	$\frac{101}{400}$	$\frac{1}{3}$	$\frac{99}{200}$	$\Phi_{1200}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
21510	598	1776	$\frac{3}{296}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{293}{592}$	$\Phi_{1776}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
21511	598	1770	$\frac{4}{295}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{291}{590}$	$\Phi_{1770}\ \Phi_{354}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
21512	598	360	$\frac{1}{60}$	$\frac{61}{360}$	$\frac{1}{3}$	$\frac{59}{120}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
21513	598	588	$\frac{5}{294}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{289}{588}$	$\Phi_{588}^2\,\Phi_{196}^2\,\Phi_{84}^2\,\Phi_{28}^2\,\Phi_{12}^2\,\Phi_6^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
21514	598	360	$\frac{1}{45}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{22}{45}$	$\Phi_{360}^3\,\Phi_{120}^3\,\Phi_{72}^3\,\Phi_{45}\,\Phi_{40}^3\,\Phi_{24}^4\,\Phi_{15}\,\Phi_9\,\Phi_8^4\,\Phi_5\,\Phi_3\,\Phi_1^2$
21515	598	45	$\frac{1}{45}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{45}^{13}\,\Phi_{15}^{14}\,\Phi_9^{13}\,\Phi_5^{14}\,\Phi_3^{13}\,\Phi_1^{14}$
21516	598	90	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{22}{45}$	$\Phi_{90}^6\,\Phi_{45}^7\,\Phi_{30}^6\,\Phi_{18}^7\,\Phi_{15}^7\,\Phi_{10}^6\,\Phi_9^8\,\Phi_6^6\,\Phi_5^7\,\Phi_3^7\,\Phi_2^6\,\Phi_1^8$
21517	598	720	$\frac{1}{45}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{22}{45}$	$\Phi_{720}\,\Phi_{360}\,\Phi_{240}\,\Phi_{144}\,\Phi_{120}\,\Phi_{80}\,\Phi_{72}\,\Phi_{48}\,\Phi_{45}\,\Phi_{40}\,\Phi_{24}\,\Phi_{16}^2\,\Phi_{15}\,\Phi_9\,\Phi_8^2\,\Phi_5\,\Phi_3\,\Phi_1^2$
21518	598	1740	$\frac{9}{290}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{281}{580}$	$\Phi_{1740}\,\Phi_{348}\,\Phi_{60}\,\Phi_{30}\,\Phi_{15}\,\Phi_{12}\,\Phi_6$
21519	598	576	$\frac{11}{288}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{277}{576}$	$\Phi_{576}^2\,\Phi_{192}^2\,\Phi_{64}^2\,\Phi_{12}^2\,\Phi_6^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
21520	598	1100	$\frac{1}{25}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{12}{25}$	$\Phi_{1100}\,\Phi_{220}\,\Phi_{100}\,\Phi_{44}^2\,\Phi_{25}\,\Phi_{20}\,\Phi_5\,\Phi_4^2\,\Phi_1^2$
21521	598	825	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{12}{25}$	$\Phi_{825}\,\Phi_{165}\,\Phi_{75}\,\Phi_{33}^2\,\Phi_{25}\,\Phi_{15}\,\Phi_5\,\Phi_3^2\,\Phi_1^2$
21522	598	924	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{924}^2\,\Phi_{132}\,\Phi_{84}^2\,\Phi_{42}\,\Phi_{21}\,\Phi_{12}\,\Phi_6$
21523	598	660	$\frac{1}{22}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{660}^2\,\Phi_{220}\,\Phi_{132}^2\,\Phi_{60}^2\,\Phi_{44}^2\,\Phi_{20}\,\Phi_{15}^2\,\Phi_{12}^2\,\Phi_5\,\Phi_4^2\,\Phi_3^2\,\Phi_1^2$
21524	598	570	$\frac{14}{285}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{271}{570}$	$\Phi_{570}^2\,\Phi_{190}^2\,\Phi_{114}^2\,\Phi_{38}^2\,\Phi_{30}^2\,\Phi_{15}^2\,\Phi_{10}^2\,\Phi_6^2\,\Phi_5^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
21525	598	960	$\frac{1}{20}$	$\frac{21}{320}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{960}\,\Phi_{480}\,\Phi_{240}\,\Phi_{192}\,\Phi_{96}\,\Phi_{60}\,\Phi_{48}\,\Phi_{30}\,\Phi_{15}\,\Phi_{12}\,\Phi_6$
21526	598	1680	$\frac{1}{20}$	$\frac{19}{280}$	$\frac{1}{3}$	$\frac{261}{560}$	$\Phi_{1680}\,\Phi_{336}\,\Phi_{240}\,\Phi_{60}\,\Phi_{48}\,\Phi_{30}\,\Phi_{15}\,\Phi_{12}\,\Phi_6$
21527	598	24	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{24}^{24}\,\Phi_{12}^{26}\,\Phi_8^{24}\,\Phi_6^{26}\,\Phi_4^{26}\,\Phi_3^{25}\,\Phi_2^{26}\,\Phi_1^{26}$
21528	598	120	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{7}{30}$	$\frac{11}{24}$	$\Phi_{120}^9\,\Phi_{40}^9\,\Phi_{30}^2\,\Phi_{24}^{10}\,\Phi_{15}\,\Phi_{10}^2\,\Phi_8^{10}\,\Phi_6^2\,\Phi_5\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
21529	598	600	$\frac{2}{25}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{600}^2\,\Phi_{200}^2\,\Phi_{120}\,\Phi_{40}\,\Phi_{25}^2\,\Phi_{24}^2\,\Phi_8^2\,\Phi_5\,\Phi_1^2$
21530	598	216	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{11}{24}$	$\Phi_{216}^6\,\Phi_{72}^3\,\Phi_{27}^2\,\Phi_{24}^4\,\Phi_9\,\Phi_8^4\,\Phi_3\,\Phi_1^2$
21531	598	1650	$\frac{1}{25}$	$\frac{24}{275}$	$\frac{1}{3}$	$\frac{251}{550}$	$\Phi_{1650}\,\Phi_{330}\,\Phi_{150}\,\Phi_{75}\,\Phi_{66}\,\Phi_{30}\,\Phi_{15}\,\Phi_6$
21532	598	378	$\frac{1}{27}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{378}^3\,\Phi_{126}^3\,\Phi_{54}^3\,\Phi_{42}^2\,\Phi_{27}^2\,\Phi_{18}^3\,\Phi_{14}^2\,\Phi_9^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
21533	598	540	$\frac{1}{30}$	$\frac{29}{270}$	$\frac{1}{3}$	$\frac{241}{540}$	$\Phi_{540}^2\,\Phi_{180}^2\,\Phi_{108}^2\,\Phi_{60}^2\,\Phi_{36}^2\,\Phi_{30}^2\,\Phi_{20}^2\,\Phi_{15}^2\,\Phi_{12}^2\,\Phi_{10}^2\,\Phi_6^2\,\Phi_5^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
21534	598	72	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{72}^9\,\Phi_{36}^9\,\Phi_{24}^8\,\Phi_{18}^7\,\Phi_{12}^8\,\Phi_9^8\,\Phi_8^8\,\Phi_6^6\,\Phi_4^8\,\Phi_3^7\,\Phi_2^6\,\Phi_1^8$
21535	598	864	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{864}\,\Phi_{288}\,\Phi_{216}\,\Phi_{108}\,\Phi_{96}\,\Phi_{72}\,\Phi_{54}\,\Phi_{36}\,\Phi_{24}\,\Phi_{18}\,\Phi_{12}\,\Phi_6$
21536	598	525	$\frac{2}{75}$	$\frac{73}{525}$	$\frac{1}{3}$	$\frac{226}{525}$	$\Phi_{525}\,\Phi_{175}\,\Phi_{105}\,\Phi_{75}^2\,\Phi_{35}\,\Phi_{25}^2\,\Phi_{21}\,\Phi_{15}^2\,\Phi_7\,\Phi_5^2\,\Phi_3\,\Phi_1^2$
21537	598	1080	$\frac{1}{27}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1080}\,\Phi_{360}\,\Phi_{216}\,\Phi_{120}\,\Phi_{108}\,\Phi_{72}\,\Phi_{54}\,\Phi_{36}\,\Phi_{24}\,\Phi_{18}\,\Phi_{12}\,\Phi_6$
21538	598	1500	$\frac{1}{50}$	$\frac{49}{250}$	$\frac{1}{3}$	$\frac{201}{500}$	$\Phi_{1500}\,\Phi_{300}\,\Phi_{150}\,\Phi_{75}\,\Phi_{60}\,\Phi_{30}\,\Phi_{15}\,\Phi_{12}\,\Phi_6$
21539	598	480	$\frac{1}{60}$	$\frac{59}{240}$	$\frac{1}{3}$	$\frac{181}{480}$	$\Phi_{480}^2\,\Phi_{160}^2\,\Phi_{96}^2\,\Phi_{60}^2\,\Phi_{32}^2\,\Phi_{30}^2\,\Phi_{20}^2\,\Phi_{15}^2\,\Phi_{12}^2\,\Phi_{10}^2\,\Phi_6^2\,\Phi_5^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
21540	598	912	$\frac{5}{304}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{912}\,\Phi_{456}\,\Phi_{228}\,\Phi_{114}\,\Phi_{57}\,\Phi_{48}\,\Phi_{12}\,\Phi_6$
21541	598	108	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{108}^9\,\Phi_{54}^3\,\Phi_{36}^8\,\Phi_{27}^2\,\Phi_{18}^3\,\Phi_{12}^8\,\Phi_9^2\,\Phi_6^2\,\Phi_4^8\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
21542	598	450	$\frac{1}{75}$	$\frac{74}{225}$	$\frac{1}{3}$	$\frac{151}{450}$	$\Phi_{450}^2\,\Phi_{150}^2\,\Phi_{90}^2\,\Phi_{75}^2\,\Phi_{50}^2\,\Phi_{30}^2\,\Phi_{25}^2\,\Phi_{18}^2\,\Phi_{15}^2\,\Phi_{10}^2\,\Phi_6^2\,\Phi_5^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
21543	598	396	$\frac{2}{99}$	$\frac{97}{396}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{396}^2\,\Phi_{198}^2\,\Phi_{132}^2\,\Phi_{66}^2\,\Phi_{44}^2\,\Phi_{36}^2\,\Phi_{22}^2\,\Phi_{18}^2\,\Phi_{12}^2\,\Phi_6^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
21544	598	306	$\frac{7}{306}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{306}^2\,\Phi_{153}^2\,\Phi_{102}^2\,\Phi_{51}^2\,\Phi_{34}^2\,\Phi_{18}^2\,\Phi_{17}^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
21545	598	120	$\frac{1}{24}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^6\,\Phi_{60}^6\,\Phi_{40}^6\,\Phi_{30}^6\,\Phi_{24}^2\,\Phi_{20}^6\,\Phi_{15}^4\,\Phi_{12}^2\,\Phi_{10}^6\,\Phi_8^2\,\Phi_6^2\,\Phi_5^4\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
21546	598	330	$\frac{2}{33}$	$\frac{31}{330}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{330}^2\,\Phi_{165}^2\,\Phi_{110}^2\,\Phi_{66}^2\,\Phi_{55}^2\,\Phi_{30}^2\,\Phi_{22}^2\,\Phi_{15}^2\,\Phi_{10}^2\,\Phi_6^2\,\Phi_5^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
21547	598	324	$\frac{2}{27}$	$\frac{25}{324}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{324}^2\,\Phi_{162}^2\,\Phi_{108}^2\,\Phi_{81}^2\,\Phi_{54}^2\,\Phi_{36}^2\,\Phi_{18}^2\,\Phi_{12}^2\,\Phi_6^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
21548	598	444	$\frac{3}{148}$	$\frac{1}{4}$	$\frac{145}{444}$	$\frac{1}{3}$	$\Phi_{444}\,\Phi_{222}\,\Phi_{148}^2\,\Phi_{111}\,\Phi_{74}^2\,\Phi_{37}^2\,\Phi_{12}^2\,\Phi_6^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
21549	598	360	$\frac{1}{30}$	$\frac{61}{360}$	$\frac{29}{90}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
21550	598	432	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{133}{432}$	$\frac{1}{3}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
21551	598	324	$\frac{25}{324}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
21552	598	462	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{462}\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}\ \Phi_{42}^2\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_2^2$
21553	598	315	$\frac{16}{315}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
21554	598	420	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{121}{420}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
21555	598	72	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{72}^{12}\ \Phi_{36}^{12}\ \Phi_{24}^2\ \Phi_{18}^{10}\ \Phi_{12}^2\ \Phi_9^{10}\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
21556	598	48	$\frac{1}{24}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{48}^{15}\ \Phi_{24}^9\ \Phi_{16}^{16}\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
21557	598	30	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{30}^{26}\ \Phi_{15}^{14}\ \Phi_{10}^{26}\ \Phi_6^{26}\ \Phi_5^{14}\ \Phi_3^{13}\ \Phi_2^{26}\ \Phi_1^{14}$
21558	598	336	$\frac{1}{12}$	$\frac{37}{336}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
21559	598	384	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{85}{384}$	$\frac{1}{3}$	$\Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
21560	598	75	$\frac{2}{25}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{75}^8\ \Phi_{25}^{10}\ \Phi_{15}^5\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
21561	598	360	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{360}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
21562	598	336	$\frac{37}{336}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
21563	598	135	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{135}^6\ \Phi_{45}^3\ \Phi_{27}^2\ \Phi_{15}^4\ \Phi_9\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
21564	598	165	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{165}^3\ \Phi_{55}^4\ \Phi_{33}^4\ \Phi_{15}^5\ \Phi_{11}^4\ \Phi_5^5\ \Phi_3^6\ \Phi_1^6$
21565	598	90	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{30}$	$\frac{5}{18}$	$\Phi_{90}^9\ \Phi_{45}^9\ \Phi_{30}^2\ \Phi_{18}^{10}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^{10}\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
21566	598	450	$\frac{2}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{90}\ \Phi_{45}\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
21567	598	54	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{54}^{12}\ \Phi_{27}^{14}\ \Phi_{18}^7\ \Phi_9^8\ \Phi_6^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
21568	598	240	$\frac{1}{15}$	$\frac{3}{16}$	$\frac{7}{30}$	$\frac{1}{4}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{16}^4\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
21569	598	400	$\frac{2}{25}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{400}^2\ \Phi_{200}^2\ \Phi_{80}\ \Phi_{40}\ \Phi_{25}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
21570	598	432	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
21571	599	1104	$\frac{1}{46}$	$\frac{47}{552}$	$\frac{505}{1104}$	$\frac{45}{92}$	$\Phi_{1104}\ \Phi_{368}\ \Phi_{92}\ \Phi_{48}\ \Phi_{16}\ \Phi_4\ \Phi_1$
21572	599	828	$\frac{1}{46}$	$\frac{47}{276}$	$\frac{229}{828}$	$\frac{45}{92}$	$\Phi_{828}\ \Phi_{414}\ \Phi_{207}\ \Phi_{92}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
21573	599	736	$\frac{1}{46}$	$\frac{137}{736}$	$\frac{47}{184}$	$\frac{45}{92}$	$\Phi_{736}\ \Phi_{368}\ \Phi_{92}\ \Phi_{32}\ \Phi_{16}\ \Phi_4\ \Phi_1$
21574	599	1144	$\frac{1}{26}$	$\frac{27}{572}$	$\frac{545}{1144}$	$\frac{25}{52}$	$\Phi_{1144}\ \Phi_{104}\ \Phi_{88}\ \Phi_{52}\ \Phi_8\ \Phi_4\ \Phi_1$
21575	599	1104	$\frac{1}{23}$	$\frac{47}{552}$	$\frac{22}{69}$	$\frac{505}{1104}$	$\Phi_{1104}\ \Phi_{368}\ \Phi_{69}\ \Phi_{48}\ \Phi_{16}\ \Phi_3\ \Phi_1$
21576	599	1092	$\frac{1}{26}$	$\frac{53}{546}$	$\frac{25}{78}$	$\frac{493}{1092}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{28}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
21577	599	828	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{229}{828}$	$\frac{185}{414}$	$\Phi_{828}\ \Phi_{276}\ \Phi_{207}\ \Phi_{92}\ \Phi_{69}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
21578	599	832	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{233}{832}$	$\frac{183}{416}$	$\Phi_{832}\ \Phi_{208}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
21579	599	1040	$\frac{1}{26}$	$\frac{79}{520}$	$\frac{25}{104}$	$\frac{441}{1040}$	$\Phi_{1040}\ \Phi_{208}\ \Phi_{104}\ \Phi_{80}\ \Phi_{52}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
21580	599	936	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{131}{468}$	$\frac{337}{936}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
21581	599	690	$\frac{1}{23}$	$\frac{91}{690}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{115}\ \Phi_{69}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$
21582	599	828	$\frac{1}{23}$	$\frac{47}{276}$	$\frac{229}{828}$	$\frac{22}{69}$	$\Phi_{828}\ \Phi_{414}\ \Phi_{207}\ \Phi_{69}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_3\ \Phi_1$
21583	600	447	$\frac{1}{149}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{74}{149}$	$\Phi_{447}\ \Phi_{149}^2\ \Phi_3^2\ \Phi_1^4$
21584	600	599	$\frac{5}{599}$	$\frac{151}{599}$	$\frac{224}{599}$	$\frac{297}{599}$	$\Phi_{599}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
21585	600	952	$\frac{1}{119}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{59}{119}$	$\Phi_{952}\ \Phi_{136}\ \Phi_{119}\ \Phi_{56}\ \Phi_{17}\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{1}^2$
21586	600	903	$\frac{3}{301}$	$\frac{76}{301}$	$\frac{1}{3}$	$\frac{149}{301}$	$\Phi_{903}\ \Phi_{129}\ \Phi_{21}$
21587	600	495	$\frac{1}{99}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{49}{99}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}^2\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
21588	600	396	$\frac{1}{99}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{49}{99}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
21589	600	599	$\frac{7}{599}$	$\frac{101}{599}$	$\frac{249}{599}$	$\frac{296}{599}$	$\Phi_{599}\ \Phi_{1}^2$
21590	600	1036	$\frac{1}{74}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{73}{148}$	$\Phi_{1036}\ \Phi_{148}^2\ \Phi_{28}\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
21591	600	2220	$\frac{1}{74}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{73}{148}$	$\Phi_{2220}\ \Phi_{60}\ \Phi_{15}$
21592	600	268	$\frac{1}{67}$	$\frac{1}{4}$	$\frac{17}{67}$	$\frac{33}{67}$	$\Phi_{268}^3\ \Phi_{134}^3\ \Phi_{4}^2\ \Phi_{2}^2$
21593	600	599	$\frac{9}{599}$	$\frac{149}{599}$	$\frac{152}{599}$	$\frac{295}{599}$	$\Phi_{599}\ \Phi_{1}^2$
21594	600	903	$\frac{5}{301}$	$\frac{51}{301}$	$\frac{1}{3}$	$\frac{148}{301}$	$\Phi_{903}\ \Phi_{129}\ \Phi_{21}$
21595	600	531	$\frac{1}{59}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{29}{59}$	$\Phi_{531}\ \Phi_{177}\ \Phi_{59}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
21596	600	354	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{29}{59}$	$\Phi_{354}^2\ \Phi_{177}\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
21597	600	599	$\frac{11}{599}$	$\frac{61}{599}$	$\frac{269}{599}$	$\frac{294}{599}$	$\Phi_{599}\ \Phi_{1}^2$
21598	600	539	$\frac{1}{49}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{24}{49}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}^2\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{1}^4$
21599	600	147	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{147}^6\ \Phi_{21}^7\ \Phi_{3}^6$
21600	600	539	$\frac{1}{49}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{24}{49}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}^2\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{1}^4$
21601	600	980	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{24}{49}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{140}\ \Phi_{70}\ \Phi_{20}^2\ \Phi_{10}^2$
21602	600	599	$\frac{13}{599}$	$\frac{51}{599}$	$\frac{274}{599}$	$\frac{293}{599}$	$\Phi_{599}\ \Phi_{1}^2$
21603	600	258	$\frac{1}{43}$	$\frac{11}{86}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{258}^4\ \Phi_{129}^3\ \Phi_{6}^4\ \Phi_{3}^2$
21604	600	726	$\frac{3}{121}$	$\frac{1}{6}$	$\frac{31}{121}$	$\frac{59}{121}$	$\Phi_{726}\ \Phi_{363}\ \Phi_{242}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
21605	600	1092	$\frac{1}{39}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{19}{39}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{156}\ \Phi_{84}\ \Phi_{52}\ \Phi_{39}\ \Phi_{28}^2\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
21606	600	273	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{19}{39}$	$\Phi_{273}^2\ \Phi_{91}^2\ \Phi_{39}^3\ \Phi_{21}^2\ \Phi_{13}^3\ \Phi_{7}^4\ \Phi_{3}^3\ \Phi_{1}^6$
21607	600	156	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{19}{39}$	$\Phi_{156}^5\ \Phi_{78}^2\ \Phi_{52}^5\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{13}^3\ \Phi_{12}^7\ \Phi_{6}^3\ \Phi_{4}^6\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
21608	600	599	$\frac{17}{599}$	$\frac{77}{599}$	$\frac{174}{599}$	$\frac{291}{599}$	$\Phi_{599}\ \Phi_{1}^2$
21609	600	599	$\frac{17}{599}$	$\frac{89}{599}$	$\frac{154}{599}$	$\frac{291}{599}$	$\Phi_{599}\ \Phi_{1}^2$
21610	600	707	$\frac{3}{101}$	$\frac{1}{7}$	$\frac{26}{101}$	$\frac{49}{101}$	Φ_{707}
21611	600	903	$\frac{9}{301}$	$\frac{31}{301}$	$\frac{1}{3}$	$\frac{146}{301}$	$\Phi_{903}\ \Phi_{129}\ \Phi_{21}$
21612	600	599	$\frac{19}{599}$	$\frac{103}{599}$	$\frac{124}{599}$	$\frac{290}{599}$	$\Phi_{599}\ \Phi_{1}^2$
21613	600	755	$\frac{5}{151}$	$\frac{26}{151}$	$\frac{1}{5}$	$\frac{73}{151}$	Φ_{755}
21614	600	551	$\frac{1}{29}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{14}{29}$	$\Phi_{551}\ \Phi_{29}^2\ \Phi_{19}^2\ \Phi_{1}^4$
21615	600	957	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{957}\ \Phi_{33}^2$
21616	600	551	$\frac{1}{29}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{14}{29}$	$\Phi_{551}\ \Phi_{29}^2\ \Phi_{19}^2\ \Phi_{1}^4$
21617	600	870	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{14}{29}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
21618	600	804	$\frac{7}{201}$	$\frac{26}{201}$	$\frac{1}{4}$	$\frac{97}{201}$	$\Phi_{804}\ \Phi_{402}\ \Phi_{268}\ \Phi_{134}\ \Phi_{12}\ \Phi_{6}$
21619	600	599	$\frac{21}{599}$	$\frac{31}{599}$	$\frac{284}{599}$	$\frac{289}{599}$	$\Phi_{599}\ \Phi_{1}^2$
21620	600	599	$\frac{21}{599}$	$\frac{62}{599}$	$\frac{179}{599}$	$\frac{289}{599}$	$\Phi_{599}\ \Phi_{1}^2$
21621	600	599	$\frac{21}{599}$	$\frac{74}{599}$	$\frac{155}{599}$	$\frac{289}{599}$	$\Phi_{599}\ \Phi_{1}^2$
21622	600	903	$\frac{11}{301}$	$\frac{26}{301}$	$\frac{1}{3}$	$\frac{145}{301}$	$\Phi_{903}\ \Phi_{129}\ \Phi_{21}$
21623	600	726	$\frac{5}{121}$	$\frac{1}{6}$	$\frac{21}{121}$	$\frac{58}{121}$	$\Phi_{726}\ \Phi_{363}\ \Phi_{242}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
21624	600	1104	$\frac{1}{24}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{23}{48}$	$\Phi_{1104}\ \Phi_{368}\ \Phi_{48}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_1^2$
21625	600	624	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{624}^2\ \Phi_{208}^2\ \Phi_{39}$
21626	600	1104	$\frac{1}{24}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{23}{48}$	$\Phi_{1104}\ \Phi_{368}\ \Phi_{48}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_1^2$
21627	600	144	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{144}^9\ \Phi_{48}^6\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}^6\ \Phi_{12}\ \Phi_6$
21628	600	1104	$\frac{1}{24}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{23}{48}$	$\Phi_{1104}\ \Phi_{368}\ \Phi_{48}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_1^2$
21629	600	1680	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{35}$
21630	600	599	$\frac{25}{599}$	$\frac{99}{599}$	$\frac{104}{599}$	$\frac{287}{599}$	$\Phi_{599}\ \Phi_1^2$
21631	600	621	$\frac{1}{23}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{621}\ \Phi_{207}\ \Phi_{27}^2\ \Phi_{23}\ \Phi_9^2\ \Phi_1^2$
21632	600	828	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{11}{23}$	$\Phi_{828}\ \Phi_{414}\ \Phi_{207}\ \Phi_{36}^2\ \Phi_{23}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
21633	600	644	$\frac{1}{23}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{644}\ \Phi_{322}\ \Phi_{161}\ \Phi_{28}^2\ \Phi_{23}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
21634	600	736	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{11}{23}$	$\Phi_{736}\ \Phi_{368}\ \Phi_{32}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_1^2$
21635	600	138	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{11}{23}$	$\Phi_{138}^4\ \Phi_{69}^4\ \Phi_{46}^4\ \Phi_{23}^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
21636	600	268	$\frac{3}{67}$	$\frac{7}{67}$	$\frac{1}{4}$	$\frac{32}{67}$	$\Phi_{268}^3\ \Phi_{134}^3\ \Phi_4^2\ \Phi_2^2$
21637	600	671	$\frac{3}{61}$	$\frac{1}{11}$	$\frac{16}{61}$	$\frac{29}{61}$	Φ_{671}
21638	600	599	$\frac{31}{599}$	$\frac{63}{599}$	$\frac{134}{599}$	$\frac{284}{599}$	$\Phi_{599}\ \Phi_1^2$
21639	600	912	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
21640	600	551	$\frac{1}{19}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{9}{19}$	$\Phi_{551}\ \Phi_{29}^2\ \Phi_{19}^2\ \Phi_1^4$
21641	600	836	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{836}\ \Phi_{418}\ \Phi_{44}^2\ \Phi_{22}^2$
21642	600	551	$\frac{1}{19}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{9}{19}$	$\Phi_{551}\ \Phi_{29}^2\ \Phi_{19}^2\ \Phi_1^4$
21643	600	798	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{266}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
21644	600	599	$\frac{33}{599}$	$\frac{79}{599}$	$\frac{104}{599}$	$\frac{283}{599}$	$\Phi_{599}\ \Phi_1^2$
21645	600	726	$\frac{7}{121}$	$\frac{16}{121}$	$\frac{1}{6}$	$\frac{57}{121}$	$\Phi_{726}\ \Phi_{363}\ \Phi_{242}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
21646	600	442	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{442}^2\ \Phi_{221}\ \Phi_{26}^2$
21647	600	755	$\frac{9}{151}$	$\frac{16}{151}$	$\frac{1}{5}$	$\frac{71}{151}$	Φ_{755}
21648	600	599	$\frac{37}{599}$	$\frac{44}{599}$	$\frac{159}{599}$	$\frac{281}{599}$	$\Phi_{599}\ \Phi_1^2$
21649	600	903	$\frac{16}{301}$	$\frac{19}{301}$	$\frac{1}{3}$	$\frac{141}{301}$	$\Phi_{903}\ \Phi_{129}\ \Phi_{21}$
21650	600	599	$\frac{32}{599}$	$\frac{41}{599}$	$\frac{189}{599}$	$\frac{279}{599}$	$\Phi_{599}\ \Phi_1^2$
21651	600	599	$\frac{41}{599}$	$\frac{64}{599}$	$\frac{107}{599}$	$\frac{279}{599}$	$\Phi_{599}\ \Phi_1^2$
21652	600	84	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{84}^{13}\ \Phi_{28}^{14}\ \Phi_{21}^2\ \Phi_{12}^{13}\ \Phi_7^2\ \Phi_4^{14}\ \Phi_3\ \Phi_1^2$
21653	600	364	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{13}{28}$	$\Phi_{364}^3\ \Phi_{52}^3\ \Phi_{28}^4\ \Phi_{13}^3\ \Phi_4^4\ \Phi_1^4$
21654	600	1540	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{1540}\ \Phi_{220}\ \Phi_{55}$
21655	600	1092	$\frac{1}{14}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{13}{28}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{156}\ \Phi_{84}\ \Phi_{52}\ \Phi_{39}\ \Phi_{28}^2\ \Phi_{13}\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
21656	600	252	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{252}^5\ \Phi_{84}^3\ \Phi_{36}^5\ \Phi_{28}^4\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
21657	600	656	$\frac{1}{16}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{656}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}$
21658	600	726	$\frac{9}{121}$	$\frac{13}{121}$	$\frac{1}{6}$	$\frac{56}{121}$	$\Phi_{726}\ \Phi_{363}\ \Phi_{242}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
21659	600	599	$\frac{49}{599}$	$\frac{54}{599}$	$\frac{109}{599}$	$\frac{275}{599}$	$\Phi_{599}\ \Phi_1^2$
21660	600	671	$\frac{5}{61}$	$\frac{1}{11}$	$\frac{11}{61}$	$\frac{28}{61}$	Φ_{671}
21661	600	599	$\frac{51}{599}$	$\frac{65}{599}$	$\frac{89}{599}$	$\frac{274}{599}$	$\Phi_{599}\ \Phi_1^2$
21662	600	707	$\frac{9}{101}$	$\frac{11}{101}$	$\frac{1}{7}$	$\frac{46}{101}$	Φ_{707}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
21663	600	858	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{858}\ \Phi_{429}\ \Phi_{78}^2\ \Phi_{66}\ \Phi_{39}^2\ \Phi_{6}^2$
21664	600	539	$\frac{4}{49}$	$\frac{1}{11}$	$\frac{9}{49}$	$\frac{5}{11}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}^2\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{1}^4$
21665	600	66	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{66}^{11}\ \Phi_{33}^{11}\ \Phi_{22}^{11}\ \Phi_{6}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}$
21666	600	308	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{308}^2\ \Phi_{154}^2\ \Phi_{77}\ \Phi_{44}^2\ \Phi_{28}^4\ \Phi_{22}^2\ \Phi_{14}^4\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
21667	600	599	$\frac{49}{599}$	$\frac{55}{599}$	$\frac{109}{599}$	$\frac{272}{599}$	$\Phi_{599}\ \Phi_{1}^2$
21668	600	804	$\frac{11}{201}$	$\frac{19}{201}$	$\frac{1}{4}$	$\frac{91}{201}$	$\Phi_{804}\ \Phi_{402}\ \Phi_{268}\ \Phi_{134}\ \Phi_{12}\ \Phi_{6}$
21669	600	599	$\frac{29}{599}$	$\frac{57}{599}$	$\frac{164}{599}$	$\frac{271}{599}$	$\Phi_{599}\ \Phi_{1}^2$
21670	600	903	$\frac{11}{301}$	$\frac{29}{301}$	$\frac{1}{3}$	$\frac{136}{301}$	$\Phi_{903}\ \Phi_{129}\ \Phi_{21}$
21671	600	279	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{279}^2\ \Phi_{93}^3\ \Phi_{31}^2$
21672	600	531	$\frac{2}{59}$	$\frac{1}{9}$	$\frac{19}{59}$	$\frac{4}{9}$	$\Phi_{531}\ \Phi_{177}\ \Phi_{59}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
21673	600	252	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{36}^2\ \Phi_{28}^4\ \Phi_{18}^2\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
21674	600	531	$\frac{3}{59}$	$\frac{1}{9}$	$\frac{14}{59}$	$\frac{4}{9}$	$\Phi_{531}\ \Phi_{177}\ \Phi_{59}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
21675	600	720	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
21676	600	531	$\frac{4}{59}$	$\frac{1}{9}$	$\frac{11}{59}$	$\frac{4}{9}$	$\Phi_{531}\ \Phi_{177}\ \Phi_{59}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
21677	600	234	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{234}^3\ \Phi_{117}^2\ \Phi_{78}^4\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{13}^2$
21678	600	531	$\frac{5}{59}$	$\frac{1}{9}$	$\frac{9}{59}$	$\frac{4}{9}$	$\Phi_{531}\ \Phi_{177}\ \Phi_{59}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
21679	600	693	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{77}^2$
21680	600	650	$\frac{1}{26}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{650}\ \Phi_{325}\ \Phi_{130}\ \Phi_{65}\ \Phi_{50}\ \Phi_{10}$
21681	600	599	$\frac{17}{599}$	$\frac{81}{599}$	$\frac{194}{599}$	$\frac{259}{599}$	$\Phi_{599}\ \Phi_{1}^2$
21682	600	599	$\frac{34}{599}$	$\frac{81}{599}$	$\frac{113}{599}$	$\frac{259}{599}$	$\Phi_{599}\ \Phi_{1}^2$
21683	600	231	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{231}^4\ \Phi_{33}^4\ \Phi_{21}^3\ \Phi_{3}^2$
21684	600	259	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{12}{37}$	$\frac{3}{7}$	$\Phi_{259}^2\ \Phi_{37}^4\ \Phi_{7}^3\ \Phi_{1}^6$
21685	600	217	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{217}^3\ \Phi_{31}^2$
21686	600	364	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{364}^2\ \Phi_{182}\ \Phi_{91}\ \Phi_{52}^4\ \Phi_{28}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
21687	600	259	$\frac{2}{37}$	$\frac{1}{7}$	$\frac{7}{37}$	$\frac{3}{7}$	$\Phi_{259}^2\ \Phi_{37}^4\ \Phi_{7}^3\ \Phi_{1}^6$
21688	600	336	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}\ \Phi_{84}^2\ \Phi_{56}\ \Phi_{48}^4\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{12}^4$ $\Phi_{8}^2\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
21689	600	671	$\frac{1}{11}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{26}{61}$	Φ_{671}
21690	600	599	$\frac{23}{599}$	$\frac{91}{599}$	$\frac{144}{599}$	$\frac{254}{599}$	$\Phi_{599}\ \Phi_{1}^2$
21691	600	599	$\frac{53}{599}$	$\frac{69}{599}$	$\frac{91}{599}$	$\frac{254}{599}$	$\Phi_{599}\ \Phi_{1}^2$
21692	600	726	$\frac{7}{121}$	$\frac{19}{121}$	$\frac{1}{6}$	$\frac{51}{121}$	$\Phi_{726}\ \Phi_{363}\ \Phi_{242}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
21693	600	651	$\frac{1}{21}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{651}\ \Phi_{217}\ \Phi_{93}$
21694	600	599	$\frac{17}{599}$	$\frac{97}{599}$	$\frac{174}{599}$	$\frac{251}{599}$	$\Phi_{599}\ \Phi_{1}^2$
21695	600	599	$\frac{29}{599}$	$\frac{97}{599}$	$\frac{114}{599}$	$\frac{251}{599}$	$\Phi_{599}\ \Phi_{1}^2$
21696	600	129	$\frac{1}{43}$	$\frac{7}{43}$	$\frac{1}{3}$	$\frac{18}{43}$	$\Phi_{129}^7\ \Phi_{3}^6$
21697	600	599	$\frac{14}{599}$	$\frac{101}{599}$	$\frac{195}{599}$	$\frac{249}{599}$	$\Phi_{599}\ \Phi_{1}^2$
21698	600	599	$\frac{35}{599}$	$\frac{94}{599}$	$\frac{101}{599}$	$\frac{249}{599}$	$\Phi_{599}\ \Phi_{1}^2$
21699	600	656	$\frac{1}{16}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{656}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}$
21700	600	221	$\frac{1}{13}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{221}^3\ \Phi_{13}^2$
21701	600	671	$\frac{1}{11}$	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{25}{61}$	Φ_{671}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
21702	600	599	$\frac{54}{599}$	$\frac{59}{599}$	$\frac{109}{599}$	$\frac{245}{599}$	$\Phi_{599}\ \Phi_1^2$
21703	600	599	$\frac{44}{599}$	$\frac{71}{599}$	$\frac{111}{599}$	$\frac{244}{599}$	$\Phi_{599}\ \Phi_1^2$
21704	600	707	$\frac{6}{101}$	$\frac{1}{7}$	$\frac{19}{101}$	$\frac{41}{101}$	Φ_{707}
21705	600	599	$\frac{34}{599}$	$\frac{89}{599}$	$\frac{113}{599}$	$\frac{243}{599}$	$\Phi_{599}\ \Phi_1^2$
21706	600	726	$\frac{6}{121}$	$\frac{1}{6}$	$\frac{23}{121}$	$\frac{49}{121}$	$\Phi_{726}\ \Phi_{363}\ \Phi_{242}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
21707	600	599	$\frac{24}{599}$	$\frac{115}{599}$	$\frac{119}{599}$	$\frac{242}{599}$	$\Phi_{599}\ \Phi_1^2$
21708	600	755	$\frac{6}{151}$	$\frac{29}{151}$	$\frac{1}{5}$	$\frac{61}{151}$	Φ_{755}
21709	600	268	$\frac{2}{67}$	$\frac{13}{67}$	$\frac{1}{4}$	$\frac{27}{67}$	$\Phi_{268}^3\ \Phi_{134}^3\ \Phi_4^2\ \Phi_2^2$
21710	600	599	$\frac{14}{599}$	$\frac{117}{599}$	$\frac{179}{599}$	$\frac{241}{599}$	$\Phi_{599}\ \Phi_1^2$
21711	600	903	$\frac{6}{301}$	$\frac{59}{301}$	$\frac{1}{3}$	$\frac{121}{301}$	$\Phi_{903}\ \Phi_{129}\ \Phi_{21}$
21712	600	255	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{255}^2\ \Phi_{85}^2\ \Phi_{51}^4\ \Phi_{17}^4\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
21713	600	165	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{8}{33}$	$\frac{2}{5}$	$\Phi_{165}^3\ \Phi_{55}^3\ \Phi_{33}^6\ \Phi_{15}^3\ \Phi_{11}^6\ \Phi_5^4\ \Phi_3^6\ \Phi_1^8$
21714	600	130	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{130}^5\ \Phi_{65}^5\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_{10}^5\ \Phi_2^4$
21715	600	495	$\frac{4}{99}$	$\frac{19}{99}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{495}\ \Phi_{165}\ \Phi_{99}^2\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
21716	600	210	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{210}^3\ \Phi_{105}^2\ \Phi_{70}^3\ \Phi_{42}^6\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^4\ \Phi_{15}\ \Phi_{14}^6\ \Phi_{10}^2\ \Phi_7^4\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
21717	600	135	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{135}^4\ \Phi_{45}^3\ \Phi_{27}^8\ \Phi_{15}^3\ \Phi_9^6\ \Phi_5^4\ \Phi_3^6\ \Phi_1^8$
21718	600	55	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{55}^9\ \Phi_{11}^{18}\ \Phi_5^{10}\ \Phi_1^{20}$
21719	600	599	$\frac{24}{599}$	$\frac{115}{599}$	$\frac{121}{599}$	$\frac{239}{599}$	$\Phi_{599}\ \Phi_1^2$
21720	600	656	$\frac{1}{16}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{656}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}$
21721	600	663	$\frac{1}{51}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{663}\ \Phi_{221}\ \Phi_{39}$
21722	600	599	$\frac{35}{599}$	$\frac{74}{599}$	$\frac{141}{599}$	$\frac{229}{599}$	$\Phi_{599}\ \Phi_1^2$
21723	600	726	$\frac{5}{121}$	$\frac{1}{6}$	$\frac{29}{121}$	$\frac{46}{121}$	$\Phi_{726}\ \Phi_{363}\ \Phi_{242}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
21724	600	599	$\frac{19}{599}$	$\frac{124}{599}$	$\frac{145}{599}$	$\frac{227}{599}$	$\Phi_{599}\ \Phi_1^2$
21725	600	804	$\frac{5}{201}$	$\frac{49}{201}$	$\frac{1}{4}$	$\frac{76}{201}$	$\Phi_{804}\ \Phi_{402}\ \Phi_{268}\ \Phi_{134}\ \Phi_{12}\ \Phi_6$
21726	600	1464	$\frac{1}{61}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1464}\ \Phi_{183}$
21727	600	952	$\frac{2}{119}$	$\frac{1}{4}$	$\frac{39}{119}$	$\frac{3}{8}$	$\Phi_{952}\ \Phi_{136}\ \Phi_{119}\ \Phi_{56}\ \Phi_{17}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
21728	600	328	$\frac{1}{41}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{328}^3\ \Phi_{164}\ \Phi_{82}$
21729	600	952	$\frac{3}{119}$	$\frac{29}{119}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{952}\ \Phi_{136}\ \Phi_{119}\ \Phi_{56}\ \Phi_{17}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
21730	600	1240	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1240}\ \Phi_{155}$
21731	600	952	$\frac{4}{119}$	$\frac{23}{119}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{952}\ \Phi_{136}\ \Phi_{119}\ \Phi_{56}\ \Phi_{17}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
21732	600	600	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{600}^2\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}^2\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
21733	600	952	$\frac{5}{119}$	$\frac{19}{119}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{952}\ \Phi_{136}\ \Phi_{119}\ \Phi_{56}\ \Phi_{17}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
21734	600	168	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^6\ \Phi_{56}^5\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
21735	600	136	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{136}^7\ \Phi_{17}^7\ \Phi_8^8\ \Phi_1^8$
21736	600	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{144}^5\ \Phi_{72}^4\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{24}^4\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^4\ \Phi_6^5\ \Phi_3^4$
21737	600	952	$\frac{9}{119}$	$\frac{11}{119}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{952}\ \Phi_{136}\ \Phi_{119}\ \Phi_{56}\ \Phi_{17}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
21738	600	1144	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1144}\ \Phi_{143}$
21739	600	599	$\frac{15}{599}$	$\frac{146}{599}$	$\frac{151}{599}$	$\frac{224}{599}$	$\Phi_{599}\ \Phi_1^2$
21740	600	599	$\frac{19}{599}$	$\frac{116}{599}$	$\frac{161}{599}$	$\frac{219}{599}$	$\Phi_{599}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
21741	600	650	$\frac{1}{26}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{650}\ \Phi_{325}\ \Phi_{130}\ \Phi_{65}\ \Phi_{50}\ \Phi_{10}$
21742	600	651	$\frac{1}{21}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{651}\ \Phi_{217}\ \Phi_{93}$
21743	600	599	$\frac{39}{599}$	$\frac{56}{599}$	$\frac{181}{599}$	$\frac{209}{599}$	$\Phi_{599}\ \Phi_{1}^{2}$
21744	600	671	$\frac{4}{61}$	$\frac{1}{11}$	$\frac{19}{61}$	$\frac{21}{61}$	Φ_{671}
21745	600	342	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{342}^{3}\ \Phi_{171}\ \Phi_{114}^{3}\ \Phi_{57}\ \Phi_{18}^{3}\ \Phi_{6}^{3}$
21746	600	599	$\frac{26}{599}$	$\frac{79}{599}$	$\frac{191}{599}$	$\frac{204}{599}$	$\Phi_{599}\ \Phi_{1}^{2}$
21747	600	599	$\frac{20}{599}$	$\frac{99}{599}$	$\frac{193}{599}$	$\frac{203}{599}$	$\Phi_{599}\ \Phi_{1}^{2}$
21748	600	726	$\frac{4}{121}$	$\frac{1}{6}$	$\frac{39}{121}$	$\frac{41}{121}$	$\Phi_{726}\ \Phi_{363}\ \Phi_{242}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
21749	600	755	$\frac{4}{151}$	$\frac{1}{5}$	$\frac{49}{151}$	$\frac{51}{151}$	Φ_{755}
21750	600	599	$\frac{8}{599}$	$\frac{197}{599}$	$\frac{199}{599}$	$\frac{201}{599}$	$\Phi_{599}\ \Phi_{1}^{2}$
21751	600	903	$\frac{4}{301}$	$\frac{99}{301}$	$\frac{1}{3}$	$\frac{101}{301}$	$\Phi_{903}\ \Phi_{129}\ \Phi_{21}$
21752	600	228	$\frac{1}{76}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{228}^{3}\ \Phi_{114}^{3}\ \Phi_{76}^{2}\ \Phi_{57}^{3}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
21753	600	447	$\frac{2}{149}$	$\frac{49}{149}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{447}\ \Phi_{149}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
21754	600	204	$\frac{1}{51}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{204}^{4}\ \Phi_{102}^{4}\ \Phi_{68}^{4}\ \Phi_{34}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
21755	600	447	$\frac{4}{149}$	$\frac{29}{149}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{447}\ \Phi_{149}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
21756	600	186	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{186}^{4}\ \Phi_{93}^{3}\ \Phi_{62}^{4}\ \Phi_{31}^{2}$
21757	600	447	$\frac{5}{149}$	$\frac{24}{149}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{447}\ \Phi_{149}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
21758	600	546	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{546}\ \Phi_{273}\ \Phi_{182}^{2}\ \Phi_{91}^{2}\ \Phi_{42}\ \Phi_{14}^{2}$
21759	600	447	$\frac{9}{149}$	$\frac{14}{149}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{447}\ \Phi_{149}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
21760	600	528	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}^{2}\ \Phi_{132}\ \Phi_{88}^{2}\ \Phi_{66}\ \Phi_{44}^{2}\ \Phi_{22}^{2}$
21761	600	351	$\frac{2}{27}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{351}^{2}\ \Phi_{117}^{2}\ \Phi_{39}$
21762	600	1188	$\frac{2}{99}$	$\frac{1}{4}$	$\frac{97}{297}$	$\frac{1}{3}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{108}\ \Phi_{54}\ \Phi_{12}\ \Phi_{6}$
21763	600	129	$\frac{1}{43}$	$\frac{29}{129}$	$\frac{14}{43}$	$\frac{1}{3}$	$\Phi_{129}^{4}\ \Phi_{43}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
21764	600	555	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{12}{37}$	$\frac{1}{3}$	$\Phi_{555}^{2}\ \Phi_{15}^{3}$
21765	600	903	$\frac{10}{301}$	$\frac{51}{301}$	$\frac{97}{301}$	$\frac{1}{3}$	$\Phi_{903}\ \Phi_{129}\ \Phi_{21}$
21766	600	354	$\frac{2}{59}$	$\frac{1}{6}$	$\frac{19}{59}$	$\frac{1}{3}$	$\Phi_{354}^{2}\ \Phi_{177}\ \Phi_{118}^{2}\ \Phi_{59}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
21767	600	147	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{47}{147}$	$\frac{1}{3}$	$\Phi_{147}^{3}\ \Phi_{49}^{6}\ \Phi_{21}^{4}\ \Phi_{7}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
21768	600	903	$\frac{13}{301}$	$\frac{41}{301}$	$\frac{96}{301}$	$\frac{1}{3}$	$\Phi_{903}\ \Phi_{129}\ \Phi_{21}$
21769	600	957	$\frac{2}{29}$	$\frac{1}{11}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{957}\ \Phi_{33}^{2}$
21770	600	468	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{468}^{2}\ \Phi_{234}^{2}\ \Phi_{117}^{2}\ \Phi_{39}$
21771	600	621	$\frac{2}{27}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{621}\ \Phi_{207}\ \Phi_{27}^{2}\ \Phi_{23}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
21772	600	129	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{1}{3}$	$\Phi_{129}^{7}\ \Phi_{3}^{6}$
21773	600	21	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{21}^{28}\ \Phi_{7}^{30}\ \Phi_{3}^{27}\ \Phi_{1}^{30}$
21774	600	858	$\frac{1}{26}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{858}\ \Phi_{429}\ \Phi_{78}^{2}\ \Phi_{66}\ \Phi_{39}^{2}\ \Phi_{6}^{2}$
21775	600	903	$\frac{11}{301}$	$\frac{58}{301}$	$\frac{81}{301}$	$\frac{1}{3}$	$\Phi_{903}\ \Phi_{129}\ \Phi_{21}$
21776	600	837	$\frac{1}{31}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{837}\ \Phi_{93}$
21777	600	903	$\frac{9}{301}$	$\frac{73}{301}$	$\frac{76}{301}$	$\frac{1}{3}$	$\Phi_{903}\ \Phi_{129}\ \Phi_{21}$
21778	600	132	$\frac{1}{33}$	$\frac{8}{33}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^{6}\ \Phi_{66}^{6}\ \Phi_{44}^{6}\ \Phi_{22}^{6}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
21779	600	828	$\frac{7}{207}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{46}\ \Phi_{12}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
21780	600	780	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}\ \Phi_{195}\ \Phi_{60}\ \Phi_{15}$
21781	600	396	$\frac{4}{99}$	$\frac{19}{99}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
21782	600	84	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^{10}\ \Phi_{42}^4\ \Phi_{28}^{10}\ \Phi_{21}^6\ \Phi_{14}^4\ \Phi_{12}^7\ \Phi_7^6\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
21783	600	924	$\frac{2}{33}$	$\frac{31}{231}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{154}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
21784	600	108	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{108}^8\ \Phi_{54}^8\ \Phi_{36}^6\ \Phi_{18}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
21785	600	1092	$\frac{1}{13}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{273}\ \Phi_{39}$
21786	600	132	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^9\ \Phi_{66}^9\ \Phi_{12}^{10}\ \Phi_6^{10}$
21787	600	354	$\frac{3}{59}$	$\frac{1}{6}$	$\frac{14}{59}$	$\frac{1}{3}$	$\Phi_{354}^2\ \Phi_{177}\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
21788	600	903	$\frac{17}{301}$	$\frac{46}{301}$	$\frac{71}{301}$	$\frac{1}{3}$	$\Phi_{903}\ \Phi_{129}\ \Phi_{21}$
21789	600	294	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{23}{98}$	$\frac{1}{3}$	$\Phi_{294}^4\ \Phi_{147}^2\ \Phi_{42}^4\ \Phi_{21}^3\ \Phi_6^4\ \Phi_3^2$
21790	600	258	$\frac{3}{43}$	$\frac{11}{86}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{258}^4\ \Phi_{129}^3\ \Phi_6^4\ \Phi_3^2$
21791	600	1248	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{39}$
21792	600	621	$\frac{2}{27}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{621}\ \Phi_{207}\ \Phi_{27}^2\ \Phi_{23}\ \Phi_9^2\ \Phi_1^2$
21793	600	912	$\frac{1}{16}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
21794	600	903	$\frac{16}{301}$	$\frac{57}{301}$	$\frac{61}{301}$	$\frac{1}{3}$	$\Phi_{903}\ \Phi_{129}\ \Phi_{21}$
21795	600	555	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{555}^2\ \Phi_{15}^3$
21796	600	240	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^4\ \Phi_{60}^3\ \Phi_{40}^4\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
21797	600	945	$\frac{2}{27}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{35}$
21798	600	354	$\frac{4}{59}$	$\frac{1}{6}$	$\frac{11}{59}$	$\frac{1}{3}$	$\Phi_{354}^2\ \Phi_{177}\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
21799	600	129	$\frac{3}{43}$	$\frac{7}{43}$	$\frac{8}{43}$	$\frac{1}{3}$	$\Phi_{129}^7\ \Phi_3^6$
21800	600	147	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{9}{49}$	$\frac{1}{3}$	$\Phi_{147}^6\ \Phi_{21}^7\ \Phi_3^6$
21801	600	903	$\frac{26}{301}$	$\frac{41}{301}$	$\frac{55}{301}$	$\frac{1}{3}$	$\Phi_{903}\ \Phi_{129}\ \Phi_{21}$
21802	600	957	$\frac{1}{11}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{957}\ \Phi_{33}^2$
21803	600	903	$\frac{25}{301}$	$\frac{46}{301}$	$\frac{51}{301}$	$\frac{1}{3}$	$\Phi_{903}\ \Phi_{129}\ \Phi_{21}$
21804	600	78	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{78}^8\ \Phi_{39}^9\ \Phi_{26}^8\ \Phi_{13}^8$
21805	600	354	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{354}^2\ \Phi_{177}\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
21806	600	462	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{462}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{77}^2$
21807	600	84	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{84}^{12}\ \Phi_{42}^{12}\ \Phi_{21}^7\ \Phi_{12}^{12}\ \Phi_6^{12}\ \Phi_3^6$
21808	600	1029	$\frac{6}{49}$	$\frac{43}{343}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1029}\ \Phi_{21}$
21809	600	551	$\frac{2}{29}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{9}{29}$	$\Phi_{551}\ \Phi_{29}^2\ \Phi_{19}^2\ \Phi_1^4$
21810	600	870	$\frac{2}{29}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{9}{29}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
21811	600	599	$\frac{47}{599}$	$\frac{83}{599}$	$\frac{129}{599}$	$\frac{184}{599}$	$\Phi_{599}\ \Phi_1^2$
21812	600	726	$\frac{10}{121}$	$\frac{1}{6}$	$\frac{21}{121}$	$\frac{37}{121}$	$\Phi_{726}\ \Phi_{363}\ \Phi_{242}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
21813	600	828	$\frac{1}{12}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{11}{36}$	$\Phi_{828}\ \Phi_{414}\ \Phi_{207}\ \Phi_{36}^2\ \Phi_{23}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
21814	600	36	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{36}^{16}\ \Phi_{18}^{16}\ \Phi_{12}^{19}\ \Phi_9^{15}\ \Phi_6^{19}\ \Phi_4^{18}\ \Phi_3^{18}\ \Phi_2^{18}\ \Phi_1^{18}$
21815	600	828	$\frac{1}{12}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{11}{36}$	$\Phi_{828}\ \Phi_{414}\ \Phi_{207}\ \Phi_{36}^2\ \Phi_{23}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
21816	600	1260	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{35}$
21817	600	599	$\frac{50}{599}$	$\frac{99}{599}$	$\frac{104}{599}$	$\frac{183}{599}$	$\Phi_{599}\ \Phi_1^2$
21818	600	755	$\frac{13}{151}$	$\frac{21}{151}$	$\frac{1}{5}$	$\frac{46}{151}$	Φ_{755}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
21819	600	644	$\frac{2}{23}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{644}\ \Phi_{322}\ \Phi_{161}\ \Phi_{28}^2\ \Phi_{23}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
21820	600	736	$\frac{2}{23}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{7}{23}$	$\Phi_{736}\ \Phi_{368}\ \Phi_{32}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_1^2$
21821	600	138	$\frac{2}{23}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{7}{23}$	$\Phi_{138}^4\ \Phi_{69}^4\ \Phi_{46}^4\ \Phi_{23}^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
21822	600	599	$\frac{62}{599}$	$\frac{84}{599}$	$\frac{103}{599}$	$\frac{179}{599}$	$\Phi_{599}\ \Phi_1^2$
21823	600	726	$\frac{13}{121}$	$\frac{17}{121}$	$\frac{1}{6}$	$\frac{36}{121}$	$\Phi_{726}\ \Phi_{363}\ \Phi_{242}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
21824	600	91	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{13}$	$\frac{2}{7}$	$\Phi_{91}^6\ \Phi_{13}^9\ \Phi_7^8\ \Phi_1^{12}$
21825	600	385	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{385}^2\ \Phi_{55}^3$
21826	600	273	$\frac{4}{39}$	$\frac{1}{7}$	$\frac{7}{39}$	$\frac{2}{7}$	$\Phi_{273}^2\ \Phi_{91}^2\ \Phi_{39}^3\ \Phi_{21}^2\ \Phi_{13}^3\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
21827	600	126	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{126}^6\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{21}^2\ \Phi_{18}^9\ \Phi_{14}^4\ \Phi_9^6\ \Phi_7^4\ \Phi_6^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
21828	600	599	$\frac{43}{599}$	$\frac{92}{599}$	$\frac{139}{599}$	$\frac{169}{599}$	$\Phi_{599}\ \Phi_1^2$
21829	600	599	$\frac{54}{599}$	$\frac{98}{599}$	$\frac{109}{599}$	$\frac{167}{599}$	$\Phi_{599}\ \Phi_1^2$
21830	600	671	$\frac{1}{11}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	Φ_{671}
21831	600	684	$\frac{1}{9}$	$\frac{11}{76}$	$\frac{13}{76}$	$\frac{21}{76}$	$\Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{57}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
21832	600	599	$\frac{64}{599}$	$\frac{87}{599}$	$\frac{107}{599}$	$\frac{164}{599}$	$\Phi_{599}\ \Phi_1^2$
21833	600	539	$\frac{4}{49}$	$\frac{2}{11}$	$\frac{9}{49}$	$\frac{3}{11}$	$\Phi_{539}\ \Phi_{77}\ \Phi_{49}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
21834	600	66	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{66}^{11}\ \Phi_{33}^{11}\ \Phi_{22}^{11}\ \Phi_6^{10}\ \Phi_3^{10}\ \Phi_2^{10}$
21835	600	308	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{308}^2\ \Phi_{154}^2\ \Phi_{77}\ \Phi_{44}^2\ \Phi_{28}^4\ \Phi_{22}^2\ \Phi_{14}^4\ \Phi_{11}^2\ \Phi_7^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
21836	600	599	$\frac{49}{599}$	$\frac{109}{599}$	$\frac{110}{599}$	$\frac{163}{599}$	$\Phi_{599}\ \Phi_1^2$
21837	600	755	$\frac{11}{151}$	$\frac{28}{151}$	$\frac{1}{5}$	$\frac{41}{151}$	Φ_{755}
21838	600	599	$\frac{44}{599}$	$\frac{111}{599}$	$\frac{122}{599}$	$\frac{159}{599}$	$\Phi_{599}\ \Phi_1^2$
21839	600	671	$\frac{1}{11}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	Φ_{671}
21840	600	599	$\frac{51}{599}$	$\frac{89}{599}$	$\frac{137}{599}$	$\frac{154}{599}$	$\Phi_{599}\ \Phi_1^2$
21841	600	726	$\frac{9}{121}$	$\frac{1}{6}$	$\frac{28}{121}$	$\frac{31}{121}$	$\Phi_{726}\ \Phi_{363}\ \Phi_{242}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
21842	600	268	$\frac{3}{67}$	$\frac{16}{67}$	$\frac{1}{4}$	$\frac{17}{67}$	$\Phi_{268}^3\ \Phi_{134}^3\ \Phi_4^2\ \Phi_2^2$
21843	600	252	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{36}\ \Phi_{21}^3\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
21844	600	156	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{156}^6\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{13}^3\ \Phi_{12}^8\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
21845	600	804	$\frac{17}{201}$	$\frac{31}{201}$	$\frac{46}{201}$	$\frac{1}{4}$	$\Phi_{804}\ \Phi_{402}\ \Phi_{268}\ \Phi_{134}\ \Phi_{12}\ \Phi_6$
21846	600	288	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
21847	600	644	$\frac{3}{28}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{644}\ \Phi_{322}\ \Phi_{161}\ \Phi_{28}^2\ \Phi_{23}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
21848	600	836	$\frac{1}{11}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{836}\ \Phi_{418}\ \Phi_{44}^2\ \Phi_{22}^2$
21849	600	804	$\frac{16}{201}$	$\frac{37}{201}$	$\frac{41}{201}$	$\frac{1}{4}$	$\Phi_{804}\ \Phi_{402}\ \Phi_{268}\ \Phi_{134}\ \Phi_{12}\ \Phi_6$
21850	600	980	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{140}\ \Phi_{70}\ \Phi_{20}^2\ \Phi_{10}^2$
21851	600	660	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{660}^2\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{55}$
21852	600	140	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^5\ \Phi_{70}^5\ \Phi_{35}^6\ \Phi_{20}^6\ \Phi_{10}^6\ \Phi_5^6$
21853	600	156	$\frac{4}{39}$	$\frac{1}{6}$	$\frac{7}{39}$	$\frac{1}{4}$	$\Phi_{156}^5\ \Phi_{78}^2\ \Phi_{52}^5\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{13}^3\ \Phi_{12}^7\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
21854	600	268	$\frac{7}{67}$	$\frac{11}{67}$	$\frac{12}{67}$	$\frac{1}{4}$	$\Phi_{268}^3\ \Phi_{134}^3\ \Phi_4^2\ \Phi_2^2$
21855	600	36	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{36}^{25}\ \Phi_{18}^{13}\ \Phi_{12}^{17}\ \Phi_9^{12}\ \Phi_6^9\ \Phi_4^{16}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
21856	600	736	$\frac{1}{8}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{7}{32}$	$\Phi_{736}\ \Phi_{368}\ \Phi_{32}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_1^2$
21857	600	1120	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{35}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
21858	600	138	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{23}$	$\Phi_{138}^4\ \Phi_{69}^4\ \Phi_{46}^4\ \Phi_{23}^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
21859	600	599	$\frac{83}{599}$	$\frac{94}{599}$	$\frac{101}{599}$	$\frac{129}{599}$	$\Phi_{599}\ \Phi_1^2$
21860	600	726	$\frac{17}{121}$	$\frac{19}{121}$	$\frac{1}{6}$	$\frac{26}{121}$	$\Phi_{726}\ \Phi_{363}\ \Phi_{242}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
21861	600	551	$\frac{4}{29}$	$\frac{3}{19}$	$\frac{5}{29}$	$\frac{4}{19}$	$\Phi_{551}\ \Phi_{29}^2\ \Phi_{19}^2\ \Phi_1^4$
21862	600	798	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{266}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
21863	600	599	$\frac{79}{599}$	$\frac{99}{599}$	$\frac{104}{599}$	$\frac{125}{599}$	$\Phi_{599}\ \Phi_1^2$
21864	600	707	$\frac{1}{7}$	$\frac{16}{101}$	$\frac{17}{101}$	$\frac{21}{101}$	Φ_{707}
21865	600	599	$\frac{84}{599}$	$\frac{95}{599}$	$\frac{103}{599}$	$\frac{124}{599}$	$\Phi_{599}\ \Phi_1^2$
21866	600	726	$\frac{16}{121}$	$\frac{1}{6}$	$\frac{21}{121}$	$\frac{25}{121}$	$\Phi_{726}\ \Phi_{363}\ \Phi_{242}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
21867	600	870	$\frac{4}{29}$	$\frac{1}{6}$	$\frac{5}{29}$	$\frac{1}{5}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
21868	600	755	$\frac{21}{151}$	$\frac{25}{151}$	$\frac{26}{151}$	$\frac{1}{5}$	Φ_{755}
21869	600	210	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{35}^5$
21870	601	960	$\frac{1}{120}$	$\frac{121}{480}$	$\frac{359}{960}$	$\frac{119}{240}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
21871	601	804	$\frac{2}{201}$	$\frac{203}{804}$	$\frac{1}{3}$	$\frac{199}{402}$	$\Phi_{804}\ \Phi_{268}\ \Phi_{201}\ \Phi_{67}\ \Phi_{12}\ \Phi_4\ \Phi_1$
21872	601	1188	$\frac{7}{594}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{587}{1188}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{132}\ \Phi_{108}\ \Phi_{44}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
21873	601	1184	$\frac{9}{592}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{583}{1184}$	$\Phi_{1184}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
21874	601	1120	$\frac{1}{40}$	$\frac{41}{560}$	$\frac{519}{1120}$	$\frac{39}{80}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{80}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
21875	601	1152	$\frac{1}{24}$	$\frac{25}{576}$	$\frac{551}{1152}$	$\frac{23}{48}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
21876	601	864	$\frac{1}{24}$	$\frac{25}{288}$	$\frac{263}{864}$	$\frac{23}{48}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
21877	601	672	$\frac{1}{24}$	$\frac{71}{672}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
21878	601	768	$\frac{1}{24}$	$\frac{25}{192}$	$\frac{167}{768}$	$\frac{23}{48}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
21879	601	720	$\frac{1}{24}$	$\frac{119}{720}$	$\frac{25}{144}$	$\frac{23}{48}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
21880	601	1152	$\frac{25}{576}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{551}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
21881	601	1152	$\frac{25}{576}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{551}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
21882	601	816	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{215}{816}$	$\frac{193}{408}$	$\Phi_{816}\ \Phi_{272}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
21883	601	660	$\frac{4}{55}$	$\frac{59}{660}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
21884	601	1100	$\frac{4}{55}$	$\frac{51}{550}$	$\frac{1}{5}$	$\frac{499}{1100}$	$\Phi_{1100}\ \Phi_{220}\ \Phi_{100}\ \Phi_{55}\ \Phi_{44}\ \Phi_{20}\ \Phi_{11}\ \Phi_4\ \Phi_1$
21885	601	1080	$\frac{1}{30}$	$\frac{61}{540}$	$\frac{29}{90}$	$\frac{479}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
21886	601	840	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{239}{840}$	$\frac{181}{420}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
21887	601	750	$\frac{1}{25}$	$\frac{24}{125}$	$\frac{149}{750}$	$\frac{101}{250}$	$\Phi_{750}\ \Phi_{375}\ \Phi_{150}\ \Phi_{125}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_6\ \Phi_3\ \Phi_1$
21888	601	1000	$\frac{1}{25}$	$\frac{24}{125}$	$\frac{101}{500}$	$\frac{399}{1000}$	$\Phi_{1000}\ \Phi_{200}\ \Phi_{125}\ \Phi_{40}\ \Phi_8\ \Phi_1$
21889	601	640	$\frac{39}{640}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
21890	601	612	$\frac{11}{612}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
21891	601	960	$\frac{1}{40}$	$\frac{39}{160}$	$\frac{121}{480}$	$\frac{359}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
21892	601	648	$\frac{47}{648}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
21893	601	912	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{145}{456}$	$\frac{311}{912}$	$\Phi_{912}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{48}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
21894	601	720	$\frac{1}{30}$	$\frac{119}{720}$	$\frac{29}{90}$	$\frac{61}{180}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
21895	601	900	$\frac{1}{75}$	$\frac{74}{225}$	$\frac{299}{900}$	$\frac{151}{450}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{100}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
21896	601	891	$\frac{7}{297}$	$\frac{2}{9}$	$\frac{290}{891}$	$\frac{1}{3}$	$\Phi_{891}\ \Phi_{81}\ \Phi_9\ \Phi_1$
21897	601	621	$\frac{20}{621}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{621}\ \Phi_{207}\ \Phi_{69}\ \Phi_{23}\ \Phi_9\ \Phi_1$
21898	601	792	$\frac{7}{198}$	$\frac{2}{9}$	$\frac{191}{792}$	$\frac{1}{3}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
21899	601	693	$\frac{7}{99}$	$\frac{92}{693}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{77}\ \Phi_{63}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$
21900	601	648	$\frac{47}{648}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
21901	601	810	$\frac{1}{30}$	$\frac{61}{270}$	$\frac{209}{810}$	$\frac{29}{90}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{162}\ \Phi_{90}\ \Phi_{81}\ \Phi_{45}\ \Phi_{18}\ \Phi_9\ \Phi_1$
21902	601	864	$\frac{1}{12}$	$\frac{25}{288}$	$\frac{263}{864}$	$\frac{11}{36}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
21903	601	720	$\frac{1}{12}$	$\frac{119}{720}$	$\frac{25}{144}$	$\frac{11}{36}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
21904	601	864	$\frac{25}{288}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{263}{864}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
21905	601	825	$\frac{4}{55}$	$\frac{51}{275}$	$\frac{1}{5}$	$\frac{224}{825}$	$\Phi_{825}\ \Phi_{165}\ \Phi_{75}\ \Phi_{55}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_3\ \Phi_1$
21906	601	672	$\frac{71}{672}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
21907	601	768	$\frac{1}{8}$	$\frac{25}{192}$	$\frac{167}{768}$	$\frac{7}{32}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
21908	602	1020	$\frac{1}{85}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{42}{85}$	$\Phi_{1020}\ \Phi_{340}\ \Phi_{204}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{20}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
21909	602	765	$\frac{1}{85}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{42}{85}$	$\Phi_{765}\ \Phi_{153}\ \Phi_{85}\ \Phi_{45}\ \Phi_{17}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
21910	602	1092	$\frac{1}{42}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{41}{84}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{156}\ \Phi_{84}^2\ \Phi_{52}\ \Phi_{28}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
21911	602	168	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{168}^4\ \Phi_{84}^2\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{28}^2\ \Phi_{24}^5\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_8^4\ \Phi_7^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
21912	602	232	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{232}^3\ \Phi_{116}^3\ \Phi_{58}\ \Phi_{29}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
21913	602	240	$\frac{1}{15}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{240}^5\ \Phi_{80}^4\ \Phi_{60}\ \Phi_{48}^5\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
21914	602	585	$\frac{2}{45}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_5^2\ \Phi_1^2$
21915	602	819	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{20}{63}$	$\frac{6}{13}$	$\Phi_{819}\ \Phi_{117}\ \Phi_{63}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_1^2$
21916	602	728	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{13}{56}$	$\frac{6}{13}$	$\Phi_{728}\ \Phi_{364}\ \Phi_{104}\ \Phi_{56}^2\ \Phi_{52}\ \Phi_{28}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
21917	602	624	$\frac{1}{13}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{52}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
21918	602	637	$\frac{1}{13}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{637}\ \Phi_{49}^2\ \Phi_{13}\ \Phi_1^2$
21919	602	132	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{132}^5\ \Phi_{66}^5\ \Phi_{44}^4\ \Phi_{33}^5\ \Phi_{22}^4\ \Phi_{12}^3\ \Phi_{11}^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
21920	602	180	$\frac{2}{45}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{180}^6\ \Phi_{60}^5\ \Phi_{45}^2\ \Phi_{36}^6\ \Phi_{20}^5\ \Phi_{15}^2\ \Phi_{12}^6\ \Phi_9^2\ \Phi_5\ \Phi_4^6\ \Phi_3^2\ \Phi_1^2$
21921	602	204	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{204}^5\ \Phi_{68}^5\ \Phi_{51}^2\ \Phi_{17}\ \Phi_{12}^6\ \Phi_4^6\ \Phi_3^2\ \Phi_1^2$
21922	602	220	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{220}^3\ \Phi_{110}^3\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{11}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
21923	602	240	$\frac{1}{15}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{240}^3\ \Phi_{120}^2\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}^3\ \Phi_{24}\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
21924	602	330	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{330}^3\ \Phi_{165}\ \Phi_{110}^3\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}^3\ \Phi_{22}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_2^2$
21925	602	396	$\frac{1}{44}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{99}^2\ \Phi_{66}\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
21926	602	360	$\frac{2}{45}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
21927	602	504	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
21928	602	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{42}^6\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{12}^6\ \Phi_6^7\ \Phi_3^6$
21929	602	45	$\frac{2}{45}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{45}^{13}\ \Phi_{15}^{14}\ \Phi_9^{14}\ \Phi_5^{13}\ \Phi_3^{14}\ \Phi_1^{14}$
21930	602	153	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{153}^5\ \Phi_{51}^2\ \Phi_{17}\ \Phi_9^6\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
21931	602	840	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
21932	602	48	$\frac{5}{48}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{48}^{14}\ \Phi_{24}^{11}\ \Phi_{16}^{14}\ \Phi_{12}^{11}\ \Phi_8^{10}\ \Phi_6^{13}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
21933	602	1176	$\frac{6}{49}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{294}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
21934	602	60	$\frac{1}{15}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{60}^{10}\ \Phi_{30}^{10}\ \Phi_{20}^{11}\ \Phi_{15}^{9}\ \Phi_{12}^{10}\ \Phi_{10}^{11}\ \Phi_6^{10}\ \Phi_5^{10}\ \Phi_4^{10}\ \Phi_3^{9}\ \Phi_2^{10}\ \Phi_1^{10}$
21935	603	344	$\frac{1}{86}$	$\frac{29}{172}$	$\frac{143}{344}$	$\frac{85}{172}$	$\Phi_{344}^3\ \Phi_{172}\ \Phi_8^3\ \Phi_4\ \Phi_1$
21936	603	528	$\frac{1}{66}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{65}{132}$	$\Phi_{528}^2\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{48}^2\ \Phi_{44}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
21937	603	132	$\frac{1}{66}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{65}{132}$	$\Phi_{132}^5\ \Phi_{66}^4\ \Phi_{44}^5\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
21938	603	392	$\frac{5}{196}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{191}{392}$	$\Phi_{392}^3\ \Phi_{56}^3\ \Phi_{28}\ \Phi_8^3\ \Phi_4\ \Phi_1$
21939	603	392	$\frac{5}{196}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{191}{392}$	$\Phi_{392}^3\ \Phi_{56}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
21940	603	812	$\frac{6}{203}$	$\frac{1}{7}$	$\frac{209}{812}$	$\frac{197}{406}$	$\Phi_{812}\ \Phi_{203}\ \Phi_{116}\ \Phi_{29}\ \Phi_{28}\ \Phi_4\ \Phi_1$
21941	603	640	$\frac{3}{64}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{640}^2\ \Phi_{128}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
21942	603	784	$\frac{1}{14}$	$\frac{15}{196}$	$\frac{181}{784}$	$\frac{13}{28}$	$\Phi_{784}\ \Phi_{392}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
21943	603	224	$\frac{1}{14}$	$\frac{23}{224}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{224}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{32}^3\ \Phi_{28}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
21944	603	1120	$\frac{1}{14}$	$\frac{43}{560}$	$\frac{13}{56}$	$\frac{517}{1120}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
21945	603	1104	$\frac{2}{69}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1104}\ \Phi_{368}\ \Phi_{69}\ \Phi_{23}\ \Phi_{16}\ \Phi_1$
21946	603	1584	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{32}{99}$	$\frac{7}{16}$	$\Phi_{1584}\ \Phi_{144}\ \Phi_{99}\ \Phi_{16}\ \Phi_9\ \Phi_1$
21947	603	176	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{21}{88}$	$\frac{7}{16}$	$\Phi_{176}^6\ \Phi_{88}\ \Phi_{44}\ \Phi_{16}^7\ \Phi_8\ \Phi_4\ \Phi_1$
21948	603	144	$\frac{5}{72}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{144}^8\ \Phi_{72}\ \Phi_{48}^6\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}^7\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
21949	603	1232	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{10}{77}$	$\frac{7}{16}$	$\Phi_{1232}\ \Phi_{112}\ \Phi_{77}\ \Phi_{16}\ \Phi_7\ \Phi_1$
21950	603	344	$\frac{1}{43}$	$\frac{29}{172}$	$\frac{14}{43}$	$\frac{143}{344}$	$\Phi_{344}^3\ \Phi_{43}^2\ \Phi_8^3\ \Phi_1^3$
21951	603	860	$\frac{1}{43}$	$\frac{42}{215}$	$\frac{257}{860}$	$\frac{173}{430}$	$\Phi_{860}\ \Phi_{215}\ \Phi_{172}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
21952	603	224	$\frac{1}{14}$	$\frac{23}{224}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{224}^3\ \Phi_{112}^2\ \Phi_{56}^3\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
21953	603	360	$\frac{5}{72}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
21954	603	70	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{70}^9\ \Phi_{35}^9\ \Phi_{14}^6\ \Phi_{10}^9\ \Phi_7^8\ \Phi_5^9\ \Phi_2^6\ \Phi_1^9$
21955	603	215	$\frac{14}{215}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{215}^3\ \Phi_{43}^2\ \Phi_5^3\ \Phi_1^3$
21956	603	308	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{47}{154}$	$\frac{107}{308}$	$\Phi_{308}^3\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}^3\ \Phi_{28}^3\ \Phi_{22}\ \Phi_{11}\ \Phi_4^3\ \Phi_1$
21957	603	510	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{51}\ \Phi_{34}\ \Phi_{30}\ \Phi_{17}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$
21958	603	86	$\frac{1}{43}$	$\frac{19}{86}$	$\frac{14}{43}$	$\frac{29}{86}$	$\Phi_{86}^6\ \Phi_{43}^8\ \Phi_2^6\ \Phi_1^9$
21959	603	276	$\frac{2}{69}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{23}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
21960	603	396	$\frac{1}{33}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{32}{99}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{99}^3\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
21961	603	98	$\frac{5}{98}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{31}{98}$	$\Phi_{98}^6\ \Phi_{49}^6\ \Phi_{14}^6\ \Phi_7^8\ \Phi_2^6\ \Phi_1^9$
21962	603	480	$\frac{3}{32}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
21963	603	245	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{44}{245}$	$\frac{2}{7}$	$\Phi_{245}^3\ \Phi_{35}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
21964	603	224	$\frac{23}{224}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{224}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
21965	603	280	$\frac{1}{14}$	$\frac{43}{280}$	$\frac{13}{56}$	$\frac{79}{280}$	$\Phi_{280}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
21966	603	88	$\frac{1}{22}$	$\frac{21}{88}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{88}^9\ \Phi_{44}^5\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_8^9\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
21967	603	72	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{72}^9\ \Phi_{36}^9\ \Phi_{24}^9\ \Phi_{18}^9\ \Phi_{12}^5\ \Phi_9^9\ \Phi_8^9\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
21968	603	308	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{308}^2\ \Phi_{154}^2\ \Phi_{77}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
21969	603	80	$\frac{1}{10}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{80}^7\ \Phi_{40}^7\ \Phi_{20}^9\ \Phi_{16}^8\ \Phi_{10}^8\ \Phi_8^8\ \Phi_5^8\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
21970	604	300	$\frac{1}{150}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{149}{300}$	$\Phi_{300}^4\ \Phi_{100}^4\ \Phi_{60}^4\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
21971	604	606	$\frac{1}{101}$	$\frac{51}{202}$	$\frac{1}{3}$	$\frac{50}{101}$	$\Phi_{606}^2\ \Phi_{303}\ \Phi_6^2$
21972	604	268	$\frac{1}{67}$	$\frac{17}{134}$	$\frac{117}{268}$	$\frac{33}{67}$	$\Phi_{268}^4\ \Phi_{67}\ \Phi_4^4\ \Phi_1^2$
21973	604	201	$\frac{1}{67}$	$\frac{50}{201}$	$\frac{17}{67}$	$\frac{33}{67}$	$\Phi_{201}^4\ \Phi_{67}\ \Phi_3^4\ \Phi_1^2$
21974	604	297	$\frac{5}{297}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{146}{297}$	$\Phi_{297}^2\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{11}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
21975	604	1480	$\frac{3}{148}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{145}{296}$	$\Phi_{1480}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
21976	604	288	$\frac{7}{144}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{137}{288}$	$\Phi_{288}^4\ \Phi_{96}^4\ \Phi_{32}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
21977	604	1440	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{137}{288}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{160}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
21978	604	198	$\frac{5}{99}$	$\frac{1}{9}$	$\frac{47}{198}$	$\frac{4}{9}$	$\Phi_{198}^4\ \Phi_{99}^2\ \Phi_{66}^4\ \Phi_{33}^2\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{11}^2\ \Phi_9^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
21979	604	162	$\frac{11}{162}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{162}^4\ \Phi_{81}^4\ \Phi_{54}^4\ \Phi_{27}^2\ \Phi_{18}^4\ \Phi_9^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
21980	604	160	$\frac{9}{160}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{160}^4\ \Phi_{80}^3\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
21981	604	268	$\frac{3}{67}$	$\frac{17}{134}$	$\frac{16}{67}$	$\frac{117}{268}$	$\Phi_{268}^4\ \Phi_{67}\ \Phi_4^4\ \Phi_1^2$
21982	604	1330	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{1}{5}$	$\frac{115}{266}$	$\Phi_{1330}\ \Phi_{190}\ \Phi_{95}\ \Phi_{70}\ \Phi_{10}$
21983	604	162	$\frac{11}{162}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{162}^4\ \Phi_{81}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
21984	604	459	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{145}{459}$	$\frac{157}{459}$	$\Phi_{459}\ \Phi_{153}^2\ \Phi_{51}^2\ \Phi_{27}\ \Phi_{17}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
21985	604	1140	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{37}{114}$	$\frac{77}{228}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{60}\ \Phi_{20}\ \Phi_{10}$
21986	604	153	$\frac{2}{153}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{153}^4\ \Phi_{51}^4\ \Phi_{17}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
21987	604	225	$\frac{1}{75}$	$\frac{74}{225}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{225}^4\ \Phi_{45}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
21988	604	600	$\frac{1}{50}$	$\frac{49}{200}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}^2\ \Phi_{120}\ \Phi_{100}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
21989	604	465	$\frac{4}{155}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{465}\ \Phi_{155}^2\ \Phi_{93}\ \Phi_{31}^2\ \Phi_3\ \Phi_1^2$
21990	604	375	$\frac{2}{75}$	$\frac{73}{375}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{375}^2\ \Phi_{125}^2\ \Phi_3\ \Phi_1^2$
21991	604	156	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{156}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
21992	604	180	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
21993	604	525	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{525}\ \Phi_{175}^2\ \Phi_{105}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
21994	604	315	$\frac{13}{315}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
21995	604	480	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
21996	604	165	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}^4\ \Phi_{55}^4\ \Phi_{33}^4\ \Phi_{11}^4\ \Phi_3\ \Phi_1^2$
21997	604	216	$\frac{7}{72}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{65}{216}$	$\Phi_{216}^4\ \Phi_{108}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
21998	604	1080	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{65}{216}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
21999	604	840	$\frac{17}{168}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
22000	604	201	$\frac{3}{67}$	$\frac{16}{67}$	$\frac{50}{201}$	$\frac{17}{67}$	$\Phi_{201}^4\ \Phi_{67}\ \Phi_3^4\ \Phi_1^2$
22001	604	180	$\frac{1}{9}$	$\frac{29}{180}$	$\frac{7}{36}$	$\frac{2}{9}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
22002	604	960	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{5}$	$\frac{41}{192}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{160}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
22003	605	240	$\frac{1}{120}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{119}{240}$	$\Phi_{240}^5\ \Phi_{80}^5\ \Phi_{48}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
22004	605	540	$\frac{1}{54}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{53}{108}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{108}\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
22005	605	540	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{53}{108}$	$\Phi_{540}^2\ \Phi_{180}^2\ \Phi_{108}^3\ \Phi_{60}^2\ \Phi_{36}^3\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
22006	605	1184	$\frac{13}{592}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{579}{1184}$	$\Phi_{1184}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
22007	605	1152	$\frac{29}{576}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{547}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
22008	605	312	$\frac{3}{52}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{312}^{4}\ \Phi_{104}^{3}\ \Phi_{24}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
22009	605	128	$\frac{7}{128}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{128}^{5}\ \Phi_{64}^{4}\ \Phi_{32}^{5}\ \Phi_{16}^{5}\ \Phi_{8}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
22010	605	1140	$\frac{2}{57}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{228}\ \Phi_{76}\ \Phi_{57}\ \Phi_{20}\ \Phi_{19}\ \Phi_{4}\ \Phi_{1}$
22011	605	1620	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{26}{81}$	$\frac{9}{20}$	$\Phi_{1620}\ \Phi_{324}\ \Phi_{81}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
22012	605	360	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{17}{72}$	$\frac{9}{20}$	$\Phi_{360}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{72}^{3}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{20}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
22013	605	540	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{5}{27}$	$\frac{9}{20}$	$\Phi_{540}^{2}\ \Phi_{180}^{2}\ \Phi_{108}^{2}\ \Phi_{60}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{20}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
22014	605	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{60}^{8}\ \Phi_{30}^{10}\ \Phi_{20}^{9}\ \Phi_{15}^{10}\ \Phi_{12}^{13}\ \Phi_{10}^{10}\ \Phi_{6}^{14}\ \Phi_{5}^{10}\ \Phi_{4}^{14}\ \Phi_{3}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
22015	605	1260	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{9}{20}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{140}\ \Phi_{84}\ \Phi_{63}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
22016	605	588	$\frac{1}{12}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{588}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{84}^{2}\ \Phi_{49}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
22017	605	192	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{192}^{4}\ \Phi_{96}^{4}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
22018	605	1064	$\frac{3}{76}$	$\frac{73}{532}$	$\frac{1}{4}$	$\frac{459}{1064}$	$\Phi_{1064}\ \Phi_{152}\ \Phi_{76}\ \Phi_{56}\ \Phi_{38}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
22019	605	96	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{96}^{11}\ \Phi_{32}^{11}\ \Phi_{24}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
22020	605	504	$\frac{1}{56}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{504}\ \Phi_{252}\ \Phi_{168}^{2}\ \Phi_{126}\ \Phi_{84}^{2}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}^{2}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
22021	605	984	$\frac{2}{123}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{984}\ \Phi_{328}\ \Phi_{123}\ \Phi_{41}\ \Phi_{8}\ \Phi_{1}$
22022	605	360	$\frac{1}{60}$	$\frac{1}{4}$	$\frac{59}{180}$	$\frac{3}{8}$	$\Phi_{360}^{4}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}^{4}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
22023	605	112	$\frac{1}{56}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{112}^{8}\ \Phi_{56}^{3}\ \Phi_{28}^{3}\ \Phi_{16}^{7}\ \Phi_{14}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
22024	605	248	$\frac{3}{124}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{248}^{4}\ \Phi_{124}\ \Phi_{62}\ \Phi_{31}\ \Phi_{8}\ \Phi_{1}$
22025	605	160	$\frac{1}{40}$	$\frac{39}{160}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{160}^{5}\ \Phi_{80}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{5}\ \Phi_{8}\ \Phi_{1}$
22026	605	624	$\frac{19}{624}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
22027	605	1000	$\frac{4}{125}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1000}\ \Phi_{200}\ \Phi_{125}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
22028	605	600	$\frac{1}{30}$	$\frac{29}{150}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{600}^{2}\ \Phi_{200}^{2}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
22029	605	504	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^{2}\ \Phi_{168}^{2}\ \Phi_{126}\ \Phi_{72}^{2}\ \Phi_{63}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
22030	605	144	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{144}^{5}\ \Phi_{72}^{5}\ \Phi_{48}^{5}\ \Phi_{36}^{5}\ \Phi_{18}^{5}\ \Phi_{16}^{5}\ \Phi_{9}^{5}\ \Phi_{8}\ \Phi_{1}$
22031	605	280	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^{4}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}^{4}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
22032	605	128	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{128}^{5}\ \Phi_{64}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{5}\ \Phi_{8}\ \Phi_{1}$
22033	605	1080	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{135}\ \Phi_{72}\ \Phi_{45}\ \Phi_{27}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
22034	605	520	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}^{2}\ \Phi_{130}\ \Phi_{104}^{2}\ \Phi_{65}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
22035	605	24	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{24}^{40}\ \Phi_{12}^{10}\ \Phi_{8}^{41}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
22036	605	84	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{84}^{7}\ \Phi_{42}^{8}\ \Phi_{28}^{7}\ \Phi_{21}^{8}\ \Phi_{14}^{7}\ \Phi_{12}^{6}\ \Phi_{7}^{7}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
22037	605	912	$\frac{3}{152}$	$\frac{1}{4}$	$\frac{149}{456}$	$\frac{307}{912}$	$\Phi_{912}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{48}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
22038	605	285	$\frac{2}{57}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{285}^{2}\ \Phi_{95}^{2}\ \Phi_{57}^{3}\ \Phi_{19}^{3}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
22039	605	405	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{26}{81}$	$\Phi_{405}^{2}\ \Phi_{81}^{3}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
22040	605	672	$\frac{3}{32}$	$\frac{67}{672}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
22041	605	864	$\frac{3}{32}$	$\frac{29}{288}$	$\frac{1}{4}$	$\frac{259}{864}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
22042	605	72	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{72}^{11}\ \Phi_{36}^{11}\ \Phi_{24}^{4}\ \Phi_{18}^{11}\ \Phi_{12}^{3}\ \Phi_{9}^{11}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
22043	605	84	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{84}^8\ \Phi_{42}^8\ \Phi_{28}^8\ \Phi_{21}^8\ \Phi_{14}^3\ \Phi_{12}^7\ \Phi_7^5\ \Phi_6^7\ \Phi_4^7\ \Phi_3^7\ \Phi_2^2\ \Phi_1^5$
22044	605	360	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{17}{72}$	$\frac{4}{15}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{72}^3\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^3\ \Phi_8^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
22045	605	135	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{135}^4\ \Phi_{45}^4\ \Phi_{27}^6\ \Phi_{15}^5\ \Phi_9^6\ \Phi_5^4\ \Phi_3^7\ \Phi_1^7$
22046	605	60	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{60}^{10}\ \Phi_{30}^8\ \Phi_{20}^{10}\ \Phi_{15}^9\ \Phi_{12}^{15}\ \Phi_{10}^8\ \Phi_6^{12}\ \Phi_5^8\ \Phi_4^{15}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
22047	605	315	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{63}^3\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_{15}\ \Phi_7^3\ \Phi_3\ \Phi_1$
22048	605	768	$\frac{3}{32}$	$\frac{29}{192}$	$\frac{163}{768}$	$\frac{1}{4}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
22049	605	145	$\frac{4}{29}$	$\frac{24}{145}$	$\frac{5}{29}$	$\frac{1}{5}$	$\Phi_{145}^4\ \Phi_{29}^5\ \Phi_5^3\ \Phi_1^5$
22050	606	484	$\frac{1}{121}$	$\frac{61}{242}$	$\frac{181}{484}$	$\frac{60}{121}$	$\Phi_{484}^2\ \Phi_{121}\ \Phi_{44}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
22051	606	200	$\frac{1}{100}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{99}{200}$	$\Phi_{200}^6\ \Phi_{40}^6\ \Phi_8^6\ \Phi_5\ \Phi_1^2$
22052	606	600	$\frac{1}{100}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{99}{200}$	$\Phi_{600}^3\ \Phi_{120}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
22053	606	550	$\frac{1}{55}$	$\frac{28}{275}$	$\frac{247}{550}$	$\frac{27}{55}$	$\Phi_{550}^2\ \Phi_{110}^2\ \Phi_{55}\ \Phi_{50}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
22054	606	198	$\frac{2}{99}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{97}{198}$	$\Phi_{198}^6\ \Phi_{66}^6\ \Phi_{22}^6\ \Phi_{18}^6\ \Phi_{11}\ \Phi_6^6\ \Phi_2^6\ \Phi_1^2$
22055	606	1386	$\frac{2}{99}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{97}{198}$	$\Phi_{1386}\ \Phi_{462}\ \Phi_{154}\ \Phi_{126}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
22056	606	1776	$\frac{7}{296}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{289}{592}$	$\Phi_{1776}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
22057	606	952	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{35}{136}$	$\frac{33}{68}$	$\Phi_{952}\ \Phi_{238}\ \Phi_{119}\ \Phi_{56}\ \Phi_{14}$
22058	606	196	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{95}{196}$	$\Phi_{196}^2\ \Phi_{98}^4\ \Phi_{49}^4\ \Phi_{28}^3\ \Phi_{14}^5\ \Phi_7^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
22059	606	116	$\frac{1}{29}$	$\frac{15}{116}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{116}^5\ \Phi_{58}^5\ \Phi_{29}^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
22060	606	192	$\frac{5}{96}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{91}{192}$	$\Phi_{192}^6\ \Phi_{64}^6\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
22061	606	1344	$\frac{5}{96}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{91}{192}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
22062	606	572	$\frac{17}{286}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{269}{572}$	$\Phi_{572}^2\ \Phi_{52}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
22063	606	960	$\frac{17}{320}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
22064	606	570	$\frac{1}{19}$	$\frac{6}{95}$	$\frac{1}{3}$	$\frac{89}{190}$	$\Phi_{570}^3\ \Phi_{114}^3\ \Phi_{57}\ \Phi_{30}^3\ \Phi_6^3$
22065	606	132	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{31}{132}$	$\frac{5}{11}$	$\Phi_{132}^6\ \Phi_{66}^6\ \Phi_{44}^6\ \Phi_{22}^6\ \Phi_{12}^6\ \Phi_{11}\ \Phi_6^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^2$
22066	606	110	$\frac{9}{110}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{110}^6\ \Phi_{55}^6\ \Phi_{22}^6\ \Phi_{11}\ \Phi_{10}^6\ \Phi_5^6\ \Phi_2^6\ \Phi_1^2$
22067	606	352	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{49}{352}$	$\frac{39}{88}$	$\Phi_{352}^2\ \Phi_{176}^2\ \Phi_{44}^2\ \Phi_{32}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
22068	606	539	$\frac{1}{11}$	$\frac{67}{539}$	$\frac{10}{77}$	$\frac{236}{539}$	$\Phi_{539}\ \Phi_{77}^2\ \Phi_{49}\ \Phi_{11}\ \Phi_7^2\ \Phi_1^2$
22069	606	1596	$\frac{1}{38}$	$\frac{37}{266}$	$\frac{1}{3}$	$\frac{229}{532}$	$\Phi_{1596}\ \Phi_{228}\ \Phi_{114}\ \Phi_{84}\ \Phi_{57}\ \Phi_{12}\ \Phi_6$
22070	606	420	$\frac{4}{105}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2$
22071	606	176	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{13}{88}$	$\frac{75}{176}$	$\Phi_{176}^6\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{16}^6\ \Phi_{11}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
22072	606	348	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{1}{4}$	$\frac{73}{174}$	$\Phi_{348}^2\ \Phi_{116}^3\ \Phi_{87}^2\ \Phi_{58}\ \Phi_{29}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
22073	606	756	$\frac{7}{108}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
22074	606	1190	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{16}{85}$	$\frac{69}{170}$	$\Phi_{1190}\ \Phi_{238}\ \Phi_{119}\ \Phi_{70}\ \Phi_{14}$
22075	606	150	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{49}{150}$	$\frac{2}{5}$	$\Phi_{150}^6\ \Phi_{75}^6\ \Phi_{30}^6\ \Phi_{15}^6\ \Phi_6^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
22076	606	310	$\frac{7}{310}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{310}^2\ \Phi_{155}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_5\ \Phi_1^2$
22077	606	520	$\frac{3}{104}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{104}^2\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{40}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
22078	606	400	$\frac{3}{100}$	$\frac{1}{5}$	$\frac{97}{400}$	$\frac{2}{5}$	$\Phi_{400}^2\ \Phi_{200}^2\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
22079	606	105	$\frac{4}{105}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{105}^6\ \Phi_{35}^6\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_7^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
22080	606	125	$\frac{1}{25}$	$\frac{24}{125}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{125}^6\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
22081	606	120	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{40}^6\ \Phi_{30}^6\ \Phi_{24}^6\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
22082	606	320	$\frac{17}{320}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{320}^2\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
22083	606	350	$\frac{3}{50}$	$\frac{47}{350}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{350}^2\ \Phi_{175}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
22084	606	325	$\frac{22}{325}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{325}^2\ \Phi_{65}^2\ \Phi_{13}^2\ \Phi_5\ \Phi_1^2$
22085	606	110	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{110}^6\ \Phi_{55}^6\ \Phi_{22}^6\ \Phi_{11}^6\ \Phi_5\ \Phi_1^2$
22086	606	165	$\frac{1}{55}$	$\frac{37}{165}$	$\frac{18}{55}$	$\frac{64}{165}$	$\Phi_{165}^3\ \Phi_{55}^5\ \Phi_{33}^3\ \Phi_{15}^3\ \Phi_{11}^5\ \Phi_5^5\ \Phi_3^3\ \Phi_1^6$
22087	606	440	$\frac{1}{55}$	$\frac{27}{110}$	$\frac{137}{440}$	$\frac{83}{220}$	$\Phi_{440}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{55}\ \Phi_{40}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
22088	606	110	$\frac{4}{55}$	$\frac{9}{110}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{110}^6\ \Phi_{55}^5\ \Phi_{22}^6\ \Phi_{11}^5\ \Phi_{10}^6\ \Phi_5^5\ \Phi_2^6\ \Phi_1^6$
22089	606	154	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{24}{77}$	$\frac{53}{154}$	$\Phi_{154}^6\ \Phi_{77}^2\ \Phi_{22}^6\ \Phi_{14}^6\ \Phi_{11}\ \Phi_7^2\ \Phi_2^6\ \Phi_1^2$
22090	606	456	$\frac{1}{76}$	$\frac{25}{76}$	$\frac{1}{3}$	$\frac{51}{152}$	$\Phi_{456}^3\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
22091	606	300	$\frac{1}{50}$	$\frac{1}{4}$	$\frac{49}{150}$	$\frac{1}{3}$	$\Phi_{300}^2\ \Phi_{150}\ \Phi_{100}^4\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
22092	606	114	$\frac{1}{19}$	$\frac{13}{114}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{114}^6\ \Phi_{57}^4\ \Phi_{38}^6\ \Phi_{19}^6\ \Phi_6^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
22093	606	336	$\frac{1}{16}$	$\frac{11}{112}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{84}^3\ \Phi_{48}\ \Phi_{42}^3\ \Phi_{24}\ \Phi_{21}^3\ \Phi_{12}\ \Phi_6$
22094	606	144	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{43}{144}$	$\frac{1}{3}$	$\Phi_{144}^6\ \Phi_{72}^6\ \Phi_{48}\ \Phi_{36}^6\ \Phi_{24}\ \Phi_{18}^6\ \Phi_{12}\ \Phi_9^6\ \Phi_6$
22095	606	312	$\frac{3}{104}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
22096	606	1200	$\frac{3}{100}$	$\frac{97}{400}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{240}\ \Phi_{120}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
22097	606	420	$\frac{4}{105}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
22098	606	1500	$\frac{1}{25}$	$\frac{24}{125}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{12}\ \Phi_6$
22099	606	120	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^6\ \Phi_{60}^3\ \Phi_{40}^6\ \Phi_{30}^3\ \Phi_{24}^6\ \Phi_{20}^6\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_{10}^6\ \Phi_8^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
22100	606	960	$\frac{17}{320}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
22101	606	660	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
22102	606	924	$\frac{2}{33}$	$\frac{1}{7}$	$\frac{31}{132}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{154}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
22103	606	756	$\frac{7}{108}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
22104	606	384	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{27}{128}$	$\frac{1}{3}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
22105	606	1140	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{77}{380}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{228}\ \Phi_{114}\ \Phi_{60}\ \Phi_{57}\ \Phi_{30}\ \Phi_{12}\ \Phi_6$
22106	606	1044	$\frac{1}{29}$	$\frac{59}{261}$	$\frac{1}{4}$	$\frac{28}{87}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{116}\ \Phi_{58}\ \Phi_{36}\ \Phi_{18}$
22107	606	588	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{46}{147}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_6^2$
22108	606	1008	$\frac{5}{48}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{43}{144}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
22109	606	132	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{31}{132}$	$\frac{13}{44}$	$\Phi_{132}^6\ \Phi_{66}^6\ \Phi_{44}^2\ \Phi_{33}^6\ \Phi_{22}^2\ \Phi_{12}^6\ \Phi_{11}\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^2\ \Phi_1^2$
22110	606	112	$\frac{11}{112}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{112}^6\ \Phi_{56}^6\ \Phi_{28}^3\ \Phi_{16}^6\ \Phi_{14}^5\ \Phi_8^6\ \Phi_7^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
22111	606	980	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{245}$	$\frac{1}{4}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
22112	606	840	$\frac{1}{7}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
22113	606	121	$\frac{16}{121}$	$\frac{20}{121}$	$\frac{21}{121}$	$\frac{25}{121}$	$\Phi_{121}^5\ \Phi_{11}^5\ \Phi_1^6$
22114	607	1200	$\frac{7}{600}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{593}{1200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
22115	607	1188	$\frac{13}{594}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{581}{1188}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{132}\ \Phi_{108}\ \Phi_{44}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
22116	607	696	$\frac{2}{87}$	$\frac{89}{696}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{116}\ \Phi_{87}\ \Phi_{29}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
22117	607	816	$\frac{5}{204}$	$\frac{1}{6}$	$\frac{209}{816}$	$\frac{199}{408}$	$\Phi_{816}\ \Phi_{272}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
22118	607	1176	$\frac{19}{588}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{569}{1176}$	$\Phi_{1176}\ \Phi_{392}\ \Phi_{168}\ \Phi_{56}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
22119	607	1152	$\frac{31}{576}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{545}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
22120	607	630	$\frac{23}{630}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_1$
22121	607	648	$\frac{41}{648}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
22122	607	1044	$\frac{2}{87}$	$\frac{85}{522}$	$\frac{1}{3}$	$\frac{437}{1044}$	$\Phi_{1044}\ \Phi_{348}\ \Phi_{116}\ \Phi_{87}\ \Phi_{36}\ \Phi_{29}\ \Phi_{12}\ \Phi_4\ \Phi_1$
22123	607	900	$\frac{7}{300}$	$\frac{1}{6}$	$\frac{293}{900}$	$\frac{5}{12}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{225}\ \Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
22124	607	624	$\frac{17}{624}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
22125	607	720	$\frac{7}{120}$	$\frac{113}{720}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
22126	607	660	$\frac{53}{660}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
22127	607	1020	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{97}{510}$	$\frac{413}{1020}$	$\Phi_{1020}\ \Phi_{340}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
22128	607	783	$\frac{2}{87}$	$\frac{176}{783}$	$\frac{85}{261}$	$\frac{1}{3}$	$\Phi_{783}\ \Phi_{87}\ \Phi_{29}\ \Phi_{27}\ \Phi_1$
22129	607	882	$\frac{19}{294}$	$\frac{2}{21}$	$\frac{275}{882}$	$\frac{1}{3}$	$\Phi_{882}\ \Phi_{441}\ \Phi_{126}\ \Phi_{63}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_1$
22130	607	672	$\frac{2}{21}$	$\frac{65}{672}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_8\ \Phi_7\ \Phi_1$
22131	607	735	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{128}{735}$	$\frac{1}{3}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_1$
22132	607	864	$\frac{31}{288}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{257}{864}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
22133	607	648	$\frac{41}{648}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
22134	607	792	$\frac{13}{198}$	$\frac{1}{6}$	$\frac{185}{792}$	$\frac{5}{18}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
22135	607	720	$\frac{5}{36}$	$\frac{113}{720}$	$\frac{1}{6}$	$\frac{31}{144}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
22136	608	453	$\frac{1}{151}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{75}{151}$	$\Phi_{453}\ \Phi_{151}^2\ \Phi_3^2\ \Phi_1^4$
22137	608	607	$\frac{5}{607}$	$\frac{153}{607}$	$\frac{227}{607}$	$\frac{301}{607}$	$\Phi_{607}\ \Phi_1^2$
22138	608	915	$\frac{3}{305}$	$\frac{77}{305}$	$\frac{1}{3}$	$\frac{151}{305}$	$\Phi_{915}\ \Phi_{183}\ \Phi_{15}$
22139	608	525	$\frac{1}{75}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{37}{75}$	$\Phi_{525}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{35}\ \Phi_{25}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
22140	608	75	$\frac{1}{75}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{37}{75}$	$\Phi_{75}^8\ \Phi_{25}^8\ \Phi_{15}^9\ \Phi_5^8\ \Phi_3^8\ \Phi_1^8$
22141	608	607	$\frac{9}{607}$	$\frac{77}{607}$	$\frac{265}{607}$	$\frac{299}{607}$	$\Phi_{607}\ \Phi_1^2$
22142	608	183	$\frac{1}{61}$	$\frac{31}{183}$	$\frac{1}{3}$	$\frac{30}{61}$	$\Phi_{183}^3\ \Phi_{61}^4\ \Phi_3^2\ \Phi_1^4$
22143	608	255	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{13}{51}$	$\frac{25}{51}$	$\Phi_{255}^3\ \Phi_{85}^3\ \Phi_{15}^3\ \Phi_5^2$
22144	608	607	$\frac{13}{607}$	$\frac{113}{607}$	$\frac{155}{607}$	$\frac{297}{607}$	$\Phi_{607}\ \Phi_1^2$
22145	608	915	$\frac{7}{305}$	$\frac{39}{305}$	$\frac{1}{3}$	$\frac{149}{305}$	$\Phi_{915}\ \Phi_{183}\ \Phi_{15}$
22146	608	555	$\frac{1}{37}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{18}{37}$	$\Phi_{555}\ \Phi_{185}\ \Phi_{111}\ \Phi_{37}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
22147	608	333	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{333}^2\ \Phi_{111}\ \Phi_{37}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
22148	608	185	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{18}{37}$	$\Phi_{185}^3\ \Phi_{37}^4\ \Phi_5^6\ \Phi_1^8$
22149	608	607	$\frac{17}{607}$	$\frac{39}{607}$	$\frac{284}{607}$	$\frac{295}{607}$	$\Phi_{607}\ \Phi_1^2$
22150	608	1116	$\frac{1}{31}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{15}{31}$	$\Phi_{1116}\ \Phi_{372}\ \Phi_{124}\ \Phi_{36}^2\ \Phi_{31}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
22151	608	651	$\frac{1}{31}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{651}\ \Phi_{217}\ \Phi_{31}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
22152	608	837	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{15}{31}$	$\Phi_{837}\ \Phi_{31}\ \Phi_{27}^2\ \Phi_1^2$
22153	608	744	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{15}{31}$	$\Phi_{744}\ \Phi_{372}\ \Phi_{248}\ \Phi_{124}\ \Phi_{31}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
22154	608	693	$\frac{3}{77}$	$\frac{1}{9}$	$\frac{20}{77}$	$\frac{37}{77}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{99}\ \Phi_{63}\ \Phi_{33}\ \Phi_{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
22155	608	607	$\frac{25}{607}$	$\frac{79}{607}$	$\frac{132}{607}$	$\frac{291}{607}$	$\Phi_{607}\ \Phi_1^2$
22156	608	765	$\frac{7}{153}$	$\frac{20}{153}$	$\frac{1}{5}$	$\frac{73}{153}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{85}\ \Phi_{45}\ \Phi_{15}$
22157	608	607	$\frac{29}{607}$	$\frac{56}{607}$	$\frac{159}{607}$	$\frac{289}{607}$	$\Phi_{607}\ \Phi_1^2$
22158	608	183	$\frac{3}{61}$	$\frac{4}{61}$	$\frac{1}{3}$	$\frac{29}{61}$	$\Phi_{183}^5\ \Phi_3^4$
22159	608	612	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{612}^2\ \Phi_{204}^2\ \Phi_{68}^2\ \Phi_{51}$
22160	608	1116	$\frac{1}{18}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{17}{36}$	$\Phi_{1116}\ \Phi_{372}\ \Phi_{124}\ \Phi_{36}^2\ \Phi_{31}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
22161	608	180	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{180}^8\ \Phi_{60}^8\ \Phi_{45}\ \Phi_{20}^8\ \Phi_{15}$
22162	608	85	$\frac{1}{17}$	$\frac{9}{85}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{85}^7\ \Phi_{17}^8\ \Phi_5^6\ \Phi_1^8$
22163	608	60	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{60}^{11}\ \Phi_{30}^{11}\ \Phi_{20}^{10}\ \Phi_{15}^9\ \Phi_{12}^{11}\ \Phi_{10}^{10}\ \Phi_6^{11}\ \Phi_5^8\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^{10}\ \Phi_1^8$
22164	608	442	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{442}^2\ \Phi_{221}\ \Phi_{34}^2$
22165	608	315	$\frac{3}{35}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{63}^3\ \Phi_{45}^2\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_9^2\ \Phi_3^2$
22166	608	220	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{220}^3\ \Phi_{110}^3\ \Phi_{55}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
22167	608	198	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{198}^4\ \Phi_{99}^3\ \Phi_{66}^4\ \Phi_{33}^3\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3^2$
22168	608	405	$\frac{5}{81}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{405}^2\ \Phi_{135}^2\ \Phi_{45}\ \Phi_{15}$
22169	608	170	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{15}{34}$	$\Phi_{170}^8\ \Phi_{85}\ \Phi_{10}^8$
22170	608	607	$\frac{23}{607}$	$\frac{73}{607}$	$\frac{170}{607}$	$\frac{267}{607}$	$\Phi_{607}\ \Phi_1^2$
22171	608	915	$\frac{9}{305}$	$\frac{37}{305}$	$\frac{1}{3}$	$\frac{134}{305}$	$\Phi_{915}\ \Phi_{183}\ \Phi_{15}$
22172	608	273	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{273}^2\ \Phi_{91}^2\ \Phi_{39}^4\ \Phi_{21}\ \Phi_{13}^4\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
22173	608	175	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{6}{25}$	$\frac{3}{7}$	$\Phi_{175}^3\ \Phi_{35}^3\ \Phi_{25}^6\ \Phi_7^4\ \Phi_5^6\ \Phi_1^8$
22174	608	140	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{140}^4\ \Phi_{70}^4\ \Phi_{35}^3\ \Phi_{28}^4\ \Phi_{20}^8\ \Phi_{14}^4\ \Phi_{10}^8\ \Phi_7^4\ \Phi_5^6\ \Phi_4^8\ \Phi_2^8\ \Phi_1^8$
22175	608	315	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{7}{45}$	$\frac{3}{7}$	$\Phi_{315}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}^4\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
22176	608	63	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{63}^{11}\ \Phi_{21}^7\ \Phi_9^{10}\ \Phi_7^8\ \Phi_3^6\ \Phi_1^8$
22177	608	99	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{99}^7\ \Phi_{33}^5\ \Phi_{11}^4\ \Phi_9^6\ \Phi_3^4\ \Phi_1^4$
22178	608	663	$\frac{1}{39}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{663}\ \Phi_{221}\ \Phi_{51}$
22179	608	1056	$\frac{1}{33}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{44}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
22180	608	607	$\frac{19}{607}$	$\frac{115}{607}$	$\frac{147}{607}$	$\frac{246}{607}$	$\Phi_{607}\ \Phi_1^2$
22181	608	465	$\frac{3}{155}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{465}^2\ \Phi_{93}^2\ \Phi_{15}$
22182	608	660	$\frac{1}{20}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
22183	608	607	$\frac{27}{607}$	$\frac{94}{607}$	$\frac{145}{607}$	$\frac{231}{607}$	$\Phi_{607}\ \Phi_1^2$
22184	608	765	$\frac{5}{153}$	$\frac{1}{5}$	$\frac{37}{153}$	$\frac{58}{153}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{85}\ \Phi_{45}\ \Phi_{15}$
22185	608	607	$\frac{11}{607}$	$\frac{149}{607}$	$\frac{189}{607}$	$\frac{229}{607}$	$\Phi_{607}\ \Phi_1^2$
22186	608	183	$\frac{1}{61}$	$\frac{15}{61}$	$\frac{1}{3}$	$\frac{23}{61}$	$\Phi_{183}^5\ \Phi_3^4$
22187	608	264	$\frac{1}{33}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^2\ \Phi_{132}^3\ \Phi_{88}^2\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{22}^3\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
22188	608	330	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{330}^3\ \Phi_{165}\ \Phi_{110}^3\ \Phi_{66}^3\ \Phi_{55}\ \Phi_{30}^2\ \Phi_{22}^3\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
22189	608	231	$\frac{1}{77}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}^3\ \Phi_{77}^2\ \Phi_{33}^3\ \Phi_{21}^3\ \Phi_{11}^2\ \Phi_7^2$
22190	608	453	$\frac{3}{151}$	$\frac{37}{151}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{453}\ \Phi_{151}^2\ \Phi_3^2\ \Phi_1^4$
22191	608	195	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^4\ \Phi_{65}^4\ \Phi_{15}^3\ \Phi_5^2$
22192	608	453	$\frac{7}{151}$	$\frac{18}{151}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{453}\ \Phi_{151}^2\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
22193	608	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^3\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
22194	608	357	$\frac{1}{17}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{357}^2\ \Phi_{119}^2\ \Phi_{51}$
22195	608	225	$\frac{2}{75}$	$\frac{1}{5}$	$\frac{73}{225}$	$\frac{1}{3}$	$\Phi_{225}^4\ \Phi_{45}^4\ \Phi_{15}\ \Phi_9^4$
22196	608	459	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{459}^2\ \Phi_{51}$
22197	608	180	$\frac{1}{20}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{180}^5\ \Phi_{90}^5\ \Phi_{60}\ \Phi_{45}^4\ \Phi_{36}^5\ \Phi_{30}\ \Phi_{18}^5\ \Phi_{15}\ \Phi_{12}\ \Phi_9^4\ \Phi_6$
22198	608	315	$\frac{11}{315}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_7^2$
22199	608	75	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{6}{25}$	$\frac{1}{3}$	$\Phi_{75}^{12}\ \Phi_{15}^{13}\ \Phi_3^{12}$
22200	608	915	$\frac{13}{305}$	$\frac{58}{305}$	$\frac{73}{305}$	$\frac{1}{3}$	$\Phi_{915}\ \Phi_{183}\ \Phi_{15}$
22201	608	651	$\frac{2}{21}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{651}\ \Phi_{217}\ \Phi_{31}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
22202	608	765	$\frac{1}{17}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{85}\ \Phi_{51}$
22203	608	408	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{51}$
22204	608	60	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{60}^{16}\ \Phi_{30}^{16}\ \Phi_{15}^{13}\ \Phi_{12}^{16}\ \Phi_6^{16}\ \Phi_3^{12}$
22205	608	375	$\frac{4}{75}$	$\frac{71}{375}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{375}^2\ \Phi_{125}^2\ \Phi_{15}$
22206	608	975	$\frac{21}{325}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{975}\ \Phi_{195}\ \Phi_{39}\ \Phi_{15}$
22207	608	45	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{45}^{16}\ \Phi_{15}^9\ \Phi_9^{16}\ \Phi_5^8\ \Phi_3^8\ \Phi_1^8$
22208	608	165	$\frac{13}{165}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{165}^4\ \Phi_{55}^4\ \Phi_{33}^4\ \Phi_{15}\ \Phi_{11}^4$
22209	608	525	$\frac{2}{25}$	$\frac{23}{175}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{105}^2\ \Phi_{21}^2\ \Phi_{15}$
22210	608	315	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{315}^3\ \Phi_{105}^2\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{15}$
22211	608	99	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{99}^6\ \Phi_{33}^7\ \Phi_{11}^6\ \Phi_9^5\ \Phi_3^6\ \Phi_1^6$
22212	608	837	$\frac{3}{31}$	$\frac{1}{9}$	$\frac{7}{31}$	$\frac{8}{27}$	$\Phi_{837}\ \Phi_{31}\ \Phi_{27}^2\ \Phi_1^2$
22213	608	135	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{135}^8\ \Phi_{45}\ \Phi_{15}$
22214	608	315	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{315}^2\ \Phi_{105}\ \Phi_{63}^3\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
22215	608	255	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{4}{17}$	$\frac{13}{51}$	$\Phi_{255}^4\ \Phi_{85}\ \Phi_{15}^4$
22216	608	744	$\frac{3}{31}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{7}{31}$	$\Phi_{744}\ \Phi_{372}\ \Phi_{248}\ \Phi_{124}\ \Phi_{31}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
22217	608	45	$\frac{1}{9}$	$\frac{7}{45}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{45}^{13}\ \Phi_{15}^{13}\ \Phi_9^{16}\ \Phi_5^{12}\ \Phi_3^{16}\ \Phi_1^{16}$
22218	608	360	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{15}$
22219	609	804	$\frac{2}{201}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{199}{402}$	$\Phi_{804}\ \Phi_{268}\ \Phi_{201}\ \Phi_{67}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
22220	609	516	$\frac{1}{86}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{85}{172}$	$\Phi_{258}^2\ \Phi_{172}\ \Phi_{129}^2\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
22221	609	1548	$\frac{1}{86}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{85}{172}$	$\Phi_{1548}\ \Phi_{172}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
22222	609	272	$\frac{1}{68}$	$\frac{1}{4}$	$\frac{69}{272}$	$\frac{67}{136}$	$\Phi_{272}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
22223	609	400	$\frac{3}{200}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{197}{400}$	$\Phi_{400}^3\ \Phi_{80}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
22224	609	396	$\frac{5}{198}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{193}{396}$	$\Phi_{396}\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
22225	609	384	$\frac{1}{32}$	$\frac{11}{192}$	$\frac{181}{384}$	$\frac{31}{64}$	$\Phi_{384}^3\ \Phi_{128}^3\ \Phi_{64}\ \Phi_1$
22226	609	256	$\frac{1}{32}$	$\frac{11}{64}$	$\frac{53}{256}$	$\frac{31}{64}$	$\Phi_{256}^3\ \Phi_{128}^3\ \Phi_{64}\ \Phi_1$
22227	609	280	$\frac{1}{28}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{27}{56}$	$\Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_8^2\ \Phi_7^4\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
22228	609	280	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{27}{56}$	$\Phi_{280}^4\ \Phi_{56}^5\ \Phi_{40}^4\ \Phi_{10}^2\ \Phi_8^5\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
22229	609	56	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{56}^9\ \Phi_{28}^{12}\ \Phi_{14}^{12}\ \Phi_8^{12}\ \Phi_7^{12}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
22230	609	1400	$\frac{1}{28}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{27}{56}$	$\Phi_{1400}\ \Phi_{200}\ \Phi_{56}\ \Phi_{25}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
22231	609	680	$\frac{3}{68}$	$\frac{71}{680}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{40}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{10}\ \Phi_5\ \Phi_1$
22232	609	840	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{19}{40}$	$\Phi_{840}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{42}\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
22233	609	160	$\frac{1}{20}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{160}^4\ \Phi_{80}^4\ \Phi_{40}\ \Phi_{32}^5\ \Phi_{20}^4\ \Phi_{16}^5\ \Phi_{10}^4\ \Phi_8^2\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
22234	609	280	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{19}{40}$	$\Phi_{280}^4\ \Phi_{56}^4\ \Phi_{40}^5\ \Phi_{35}\ \Phi_8^5\ \Phi_5\ \Phi_1$
22235	609	384	$\frac{11}{192}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{181}{384}$	$\Phi_{384}^3\ \Phi_{128}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
22236	609	384	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{181}{384}$	$\Phi_{384}^3\ \Phi_{128}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
22237	609	380	$\frac{1}{19}$	$\frac{13}{190}$	$\frac{6}{19}$	$\frac{177}{380}$	$\Phi_{380}^3\ \Phi_{76}^3\ \Phi_{20}^3\ \Phi_{19}^2\ \Phi_4^3\ \Phi_1^3$
22238	609	832	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{223}{832}$	$\frac{193}{416}$	$\Phi_{832}\ \Phi_{208}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
22239	609	594	$\frac{1}{22}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
22240	609	704	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{95}{704}$	$\frac{81}{176}$	$\Phi_{704}\ \Phi_{352}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
22241	609	216	$\frac{13}{216}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{216}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
22242	609	748	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{1}{4}$	$\frac{171}{374}$	$\Phi_{748}\ \Phi_{187}\ \Phi_{68}^2\ \Phi_{44}\ \Phi_{34}\ \Phi_{17}\ \Phi_{11}\ \Phi_4\ \Phi_1$
22243	609	836	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{227}{836}$	$\frac{191}{418}$	$\Phi_{836}\ \Phi_{209}\ \Phi_{76}\ \Phi_{44}\ \Phi_{11}\ \Phi_4\ \Phi_1$
22244	609	160	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{73}{160}$	$\Phi_{160}^7\ \Phi_{32}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
22245	609	440	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{440}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{55}^2\ \Phi_{40}\ \Phi_{22}\ \Phi_{11}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
22246	609	38	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{9}{38}$	$\frac{17}{38}$	$\Phi_{38}^{12}\ \Phi_{19}^{20}\ \Phi_2^{12}\ \Phi_1^{21}$
22247	609	1088	$\frac{3}{68}$	$\frac{65}{544}$	$\frac{1}{4}$	$\frac{479}{1088}$	$\Phi_{1088}\ \Phi_{68}\ \Phi_{64}\ \Phi_{34}\ \Phi_{17}\ \Phi_1$
22248	609	32	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{32}^{21}\ \Phi_{16}^{14}\ \Phi_8^{20}\ \Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^{21}$
22249	609	616	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{10}{77}$	$\frac{67}{154}$	$\Phi_{616}\ \Phi_{308}\ \Phi_{88}^2\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}^2\ \Phi_{28}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
22250	609	152	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{11}{76}$	$\frac{65}{152}$	$\Phi_{152}^7\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_8^7\ \Phi_2^2\ \Phi_1^3$
22251	609	352	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{27}{176}$	$\frac{149}{352}$	$\Phi_{352}^3\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}^3\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
22252	609	550	$\frac{1}{22}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{550}\ \Phi_{275}\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{25}\ \Phi_{22}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
22253	609	516	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{14}{43}$	$\frac{5}{12}$	$\Phi_{516}^2\ \Phi_{172}^2\ \Phi_{43}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
22254	609	60	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{60}^8\ \Phi_{30}^{13}\ \Phi_{20}^8\ \Phi_{15}^{13}\ \Phi_{12}^7\ \Phi_{10}^{13}\ \Phi_6^{11}\ \Phi_5^{13}\ \Phi_4^6\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
22255	609	396	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{36}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
22256	609	1024	$\frac{1}{32}$	$\frac{97}{512}$	$\frac{31}{128}$	$\frac{415}{1024}$	$\Phi_{1024}\ \Phi_{128}\ \Phi_{64}\ \Phi_1$
22257	609	340	$\frac{1}{34}$	$\frac{33}{170}$	$\frac{1}{4}$	$\frac{137}{340}$	$\Phi_{340}\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{20}\ \Phi_{17}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
22258	609	528	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{528}^2\ \Phi_{176}^2\ \Phi_{66}^2\ \Phi_{48}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
22259	609	256	$\frac{1}{32}$	$\frac{53}{256}$	$\frac{31}{128}$	$\frac{97}{256}$	$\Phi_{256}^2\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
22260	609	208	$\frac{5}{208}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{208}^3\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{16}^3\ \Phi_{13}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
22261	609	209	$\frac{6}{209}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{209}^3\ \Phi_{19}^2\ \Phi_{11}^3\ \Phi_1^3$
22262	609	320	$\frac{1}{32}$	$\frac{31}{160}$	$\frac{43}{160}$	$\frac{117}{320}$	$\Phi_{320}^3\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}^3\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
22263	609	32	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{32}^{18}\ \Phi_{16}^{20}\ \Phi_8^{20}\ \Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^{21}$
22264	609	228	$\frac{1}{19}$	$\frac{25}{228}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{228}^3\ \Phi_{114}^3\ \Phi_{76}^3\ \Phi_{57}^3\ \Phi_{19}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
22265	609	88	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{88}^8\ \Phi_{44}^5\ \Phi_{22}^7\ \Phi_{11}^7\ \Phi_8^7\ \Phi_4^4\ \Phi_2^6\ \Phi_1^7$
22266	609	612	$\frac{1}{51}$	$\frac{1}{4}$	$\frac{50}{153}$	$\frac{103}{306}$	$\Phi_{612}\ \Phi_{204}^2\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
22267	609	304	$\frac{1}{76}$	$\frac{25}{76}$	$\frac{101}{304}$	$\frac{51}{152}$	$\Phi_{304}^3\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
22268	609	387	$\frac{1}{43}$	$\frac{2}{9}$	$\frac{14}{43}$	$\frac{1}{3}$	$\Phi_{387}^2\ \Phi_{43}^2\ \Phi_9^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
22269	609	180	$\frac{1}{30}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^{6}\ \Phi_{90}^{3}\ \Phi_{60}^{2}\ \Phi_{45}^{3}\ \Phi_{36}^{5}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
22270	609	396	$\frac{1}{22}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{396}^{2}\ \Phi_{198}\ \Phi_{132}^{2}\ \Phi_{99}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{36}\ \Phi_{33}^{2}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
22271	609	300	$\frac{3}{100}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{97}{300}$	$\Phi_{300}^{3}\ \Phi_{150}^{3}\ \Phi_{75}^{3}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
22272	609	285	$\frac{1}{19}$	$\frac{13}{95}$	$\frac{82}{285}$	$\frac{6}{19}$	$\Phi_{285}^{3}\ \Phi_{57}^{3}\ \Phi_{19}^{2}\ \Phi_{15}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
22273	609	288	$\frac{1}{16}$	$\frac{11}{96}$	$\frac{85}{288}$	$\frac{5}{16}$	$\Phi_{288}^{3}\ \Phi_{144}^{3}\ \Phi_{72}^{3}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{16}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
22274	609	240	$\frac{1}{16}$	$\frac{37}{240}$	$\frac{11}{48}$	$\frac{5}{16}$	$\Phi_{240}^{3}\ \Phi_{120}^{3}\ \Phi_{80}^{3}\ \Phi_{60}^{3}\ \Phi_{40}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
22275	609	256	$\frac{1}{16}$	$\frac{11}{64}$	$\frac{53}{256}$	$\frac{5}{16}$	$\Phi_{256}^{3}\ \Phi_{128}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
22276	609	210	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{13}{42}$	$\Phi_{210}^{4}\ \Phi_{105}^{4}\ \Phi_{42}^{5}\ \Phi_{30}^{4}\ \Phi_{21}^{5}\ \Phi_{15}^{4}\ \Phi_{10}^{2}\ \Phi_{6}^{5}\ \Phi_{5}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
22277	609	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{168}^{6}\ \Phi_{84}^{4}\ \Phi_{42}^{5}\ \Phi_{24}^{6}\ \Phi_{21}^{5}\ \Phi_{12}^{4}\ \Phi_{8}^{3}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
22278	609	1050	$\frac{1}{14}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{150}\ \Phi_{75}\ \Phi_{42}\ \Phi_{25}\ \Phi_{21}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
22279	609	264	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{61}{264}$	$\frac{27}{88}$	$\Phi_{264}^{3}\ \Phi_{132}^{3}\ \Phi_{88}\ \Phi_{66}^{3}\ \Phi_{44}\ \Phi_{33}^{3}\ \Phi_{24}^{3}\ \Phi_{22}\ \Phi_{12}^{3}\ \Phi_{11}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}$
22280	609	160	$\frac{3}{32}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{160}^{4}\ \Phi_{80}^{4}\ \Phi_{40}^{4}\ \Phi_{32}^{5}\ \Phi_{16}^{5}\ \Phi_{10}^{2}\ \Phi_{8}^{5}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
22281	609	70	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{3}{10}$	$\Phi_{70}^{8}\ \Phi_{35}^{9}\ \Phi_{14}^{8}\ \Phi_{10}^{10}\ \Phi_{7}^{8}\ \Phi_{5}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
22282	609	288	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{4}$	$\frac{85}{288}$	$\Phi_{288}^{3}\ \Phi_{144}^{3}\ \Phi_{72}^{3}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
22283	609	38	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{9}{38}$	$\frac{11}{38}$	$\Phi_{38}^{16}\ \Phi_{19}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
22284	609	216	$\frac{13}{216}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{216}^{3}\ \Phi_{108}^{3}\ \Phi_{72}^{3}\ \Phi_{54}^{3}\ \Phi_{36}\ \Phi_{27}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
22285	609	40	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{40}^{14}\ \Phi_{20}^{14}\ \Phi_{10}^{14}\ \Phi_{8}^{20}\ \Phi_{5}^{14}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
22286	609	272	$\frac{3}{68}$	$\frac{65}{272}$	$\frac{1}{4}$	$\frac{69}{272}$	$\Phi_{272}^{2}\ \Phi_{136}^{2}\ \Phi_{68}^{3}\ \Phi_{34}^{3}\ \Phi_{17}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
22287	609	240	$\frac{3}{40}$	$\frac{37}{240}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{240}^{3}\ \Phi_{120}^{3}\ \Phi_{80}^{3}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
22288	609	220	$\frac{17}{220}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{220}^{3}\ \Phi_{110}^{3}\ \Phi_{55}^{3}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{11}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
22289	609	32	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{32}^{21}\ \Phi_{16}^{21}\ \Phi_{8}^{12}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
22290	609	264	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{264}$	$\frac{1}{4}$	$\Phi_{264}^{3}\ \Phi_{132}\ \Phi_{88}^{3}\ \Phi_{66}^{2}\ \Phi_{44}\ \Phi_{33}^{2}\ \Phi_{24}^{3}\ \Phi_{22}^{2}\ \Phi_{12}^{3}\ \Phi_{11}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
22291	609	240	$\frac{1}{12}$	$\frac{37}{240}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{240}^{3}\ \Phi_{120}^{3}\ \Phi_{80}^{3}\ \Phi_{60}^{3}\ \Phi_{40}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
22292	609	112	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{112}^{7}\ \Phi_{56}^{3}\ \Phi_{28}^{4}\ \Phi_{16}^{7}\ \Phi_{14}^{4}\ \Phi_{8}^{6}\ \Phi_{7}^{4}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
22293	609	160	$\frac{3}{32}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{160}^{4}\ \Phi_{80}^{3}\ \Phi_{40}^{3}\ \Phi_{32}^{5}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
22294	609	800	$\frac{3}{32}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
22295	609	68	$\frac{2}{17}$	$\frac{5}{34}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{68}^{12}\ \Phi_{34}^{5}\ \Phi_{17}^{7}\ \Phi_{4}^{11}\ \Phi_{2}^{4}\ \Phi_{1}^{7}$
22296	609	280	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{280}^{3}\ \Phi_{140}^{2}\ \Phi_{70}^{2}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
22297	609	175	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{175}^{4}\ \Phi_{35}\ \Phi_{25}^{5}\ \Phi_{5}\ \Phi_{1}$
22298	610	606	$\frac{2}{303}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{301}{606}$	$\Phi_{606}^{2}\ \Phi_{202}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22299	610	968	$\frac{1}{121}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{60}{121}$	$\Phi_{968}\ \Phi_{121}\ \Phi_{88}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
22300	610	408	$\frac{1}{102}$	$\frac{103}{408}$	$\frac{1}{3}$	$\frac{101}{204}$	$\Phi_{408}^{2}\ \Phi_{136}^{2}\ \Phi_{102}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{2}\ \Phi_{24}^{2}\ \Phi_{17}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22301	610	522	$\frac{1}{87}$	$\frac{44}{261}$	$\frac{217}{522}$	$\frac{43}{87}$	$\Phi_{522}^{2}\ \Phi_{174}^{2}\ \Phi_{87}\ \Phi_{58}^{2}\ \Phi_{29}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22302	610	603	$\frac{7}{603}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{298}{603}$	$\Phi_{603}\ \Phi_{201}\ \Phi_{67}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
22303	610	602	$\frac{4}{301}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{297}{602}$	$\Phi_{602}^{2}\ \Phi_{86}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22304	610	360	$\frac{1}{60}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{59}{120}$	$\Phi_{360}^{3}\ \Phi_{120}^{4}\ \Phi_{72}^{3}\ \Phi_{40}^{4}\ \Phi_{24}^{4}\ \Phi_{9}\ \Phi_{8}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
22305	610	120	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{59}{120}$	$\Phi_{120}^{10}\ \Phi_{40}^{10}\ \Phi_{24}^{10}\ \Phi_{8}^{10}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22306	610	246	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{21}{82}$	$\frac{20}{41}$	$\Phi_{246}^{3}\ \Phi_{123}^{3}\ \Phi_{82}\ \Phi_{41}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
22307	610	119	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{58}{119}$	$\Phi_{119}^{5}\ \Phi_{17}^{5}\ \Phi_{7}^{7}\ \Phi_{1}^{8}$
22308	610	594	$\frac{8}{297}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{289}{594}$	$\Phi_{594}^{2}\ \Phi_{198}^{2}\ \Phi_{66}^{2}\ \Phi_{54}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22309	610	204	$\frac{1}{34}$	$\frac{7}{68}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{204}^{4}\ \Phi_{102}^{5}\ \Phi_{51}^{5}\ \Phi_{12}^{4}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
22310	610	116	$\frac{1}{29}$	$\frac{3}{58}$	$\frac{55}{116}$	$\frac{14}{29}$	$\Phi_{116}^{10}\ \Phi_{29}\ \Phi_{4}^{10}\ \Phi_{1}^{2}$
22311	610	87	$\frac{1}{29}$	$\frac{3}{29}$	$\frac{26}{87}$	$\frac{14}{29}$	$\Phi_{87}^{10}\ \Phi_{29}\ \Phi_{3}^{10}\ \Phi_{1}^{2}$
22312	610	348	$\frac{1}{29}$	$\frac{43}{348}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{348}^{2}\ \Phi_{174}^{2}\ \Phi_{116}^{2}\ \Phi_{87}^{2}\ \Phi_{29}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
22313	610	588	$\frac{11}{294}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{283}{588}$	$\Phi_{588}^{2}\ \Phi_{196}^{2}\ \Phi_{84}^{2}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
22314	610	588	$\frac{11}{294}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{283}{588}$	$\Phi_{588}^{2}\ \Phi_{196}^{2}\ \Phi_{84}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22315	610	441	$\frac{1}{21}$	$\frac{11}{147}$	$\frac{136}{441}$	$\frac{10}{21}$	$\Phi_{441}^{2}\ \Phi_{63}^{2}\ \Phi_{21}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
22316	610	336	$\frac{1}{21}$	$\frac{31}{336}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{112}^{2}\ \Phi_{84}^{2}\ \Phi_{56}^{2}\ \Phi_{48}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
22317	610	116	$\frac{3}{58}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{55}{116}$	$\Phi_{116}^{10}\ \Phi_{29}\ \Phi_{4}^{10}\ \Phi_{1}^{2}$
22318	610	1734	$\frac{16}{289}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{273}{578}$	$\Phi_{1734}\ \Phi_{102}\ \Phi_{51}\ \Phi_{6}$
22319	610	324	$\frac{1}{18}$	$\frac{19}{324}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{324}^{2}\ \Phi_{162}^{2}\ \Phi_{108}^{2}\ \Phi_{81}^{2}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22320	610	576	$\frac{1}{18}$	$\frac{17}{288}$	$\frac{1}{3}$	$\frac{271}{576}$	$\Phi_{576}^{2}\ \Phi_{192}^{2}\ \Phi_{64}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22321	610	567	$\frac{1}{21}$	$\frac{43}{567}$	$\frac{20}{63}$	$\frac{262}{567}$	$\Phi_{567}\ \Phi_{189}\ \Phi_{81}\ \Phi_{63}^{2}\ \Phi_{27}\ \Phi_{21}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
22322	610	561	$\frac{2}{51}$	$\frac{49}{561}$	$\frac{1}{3}$	$\frac{256}{561}$	$\Phi_{561}\ \Phi_{187}\ \Phi_{51}^{2}\ \Phi_{33}\ \Phi_{17}^{2}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}^{2}$
22323	610	112	$\frac{5}{56}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{51}{112}$	$\Phi_{112}^{10}\ \Phi_{28}^{2}\ \Phi_{16}^{10}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22324	610	84	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{23}{84}$	$\frac{19}{42}$	$\Phi_{84}^{10}\ \Phi_{28}^{10}\ \Phi_{21}^{9}\ \Phi_{12}^{10}\ \Phi_{7}^{9}\ \Phi_{4}^{10}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
22325	610	336	$\frac{31}{336}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{112}^{2}\ \Phi_{84}^{2}\ \Phi_{48}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22326	610	63	$\frac{2}{63}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{63}^{10}\ \Phi_{21}^{10}\ \Phi_{9}^{8}\ \Phi_{7}^{10}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
22327	610	90	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{29}{90}$	$\frac{4}{9}$	$\Phi_{90}^{7}\ \Phi_{45}^{7}\ \Phi_{30}^{6}\ \Phi_{18}^{7}\ \Phi_{15}^{6}\ \Phi_{10}^{6}\ \Phi_{9}^{8}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
22328	610	576	$\frac{3}{64}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}^{2}\ \Phi_{48}\ \Phi_{32}^{2}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
22329	610	720	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{19}{80}$	$\frac{4}{9}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}^{2}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}^{2}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
22330	610	585	$\frac{4}{65}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{117}\ \Phi_{65}^{2}\ \Phi_{39}\ \Phi_{13}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
22331	610	225	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{14}{75}$	$\frac{4}{9}$	$\Phi_{225}^{3}\ \Phi_{75}^{4}\ \Phi_{25}^{4}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
22332	610	198	$\frac{5}{66}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{198}^{3}\ \Phi_{99}^{3}\ \Phi_{66}^{4}\ \Phi_{33}^{4}\ \Phi_{22}^{4}\ \Phi_{11}^{4}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
22333	610	72	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{72}$	$\frac{4}{9}$	$\Phi_{72}^{10}\ \Phi_{36}^{7}\ \Phi_{24}^{10}\ \Phi_{18}^{7}\ \Phi_{12}^{6}\ \Phi_{9}^{8}\ \Phi_{8}^{10}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
22334	610	630	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{70}$	$\frac{4}{9}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}^{2}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}^{2}\ \Phi_{21}\ \Phi_{14}^{2}\ \Phi_{9}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
22335	610	1632	$\frac{1}{34}$	$\frac{33}{272}$	$\frac{1}{3}$	$\frac{239}{544}$	$\Phi_{1632}\ \Phi_{102}\ \Phi_{96}\ \Phi_{51}\ \Phi_{6}$
22336	610	539	$\frac{6}{77}$	$\frac{71}{539}$	$\frac{1}{7}$	$\frac{234}{539}$	$\Phi_{539}\ \Phi_{77}^{2}\ \Phi_{49}\ \Phi_{11}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
22337	610	63	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{63}^{10}\ \Phi_{21}^{10}\ \Phi_{9}^{10}\ \Phi_{7}^{7}\ \Phi_{3}^{10}\ \Phi_{1}^{8}$
22338	610	378	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{73}{378}$	$\frac{53}{126}$	$\Phi_{378}^{2}\ \Phi_{189}^{2}\ \Phi_{63}^{2}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{21}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
22339	610	105	$\frac{1}{21}$	$\frac{17}{105}$	$\frac{4}{21}$	$\frac{44}{105}$	$\Phi_{105}^{5}\ \Phi_{35}^{5}\ \Phi_{21}^{9}\ \Phi_{15}^{5}\ \Phi_{7}^{9}\ \Phi_{5}^{5}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
22340	610	312	$\frac{7}{312}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{312}^{2}\ \Phi_{156}^{2}\ \Phi_{104}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{2}\ \Phi_{24}^{2}\ \Phi_{13}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
22341	610	87	$\frac{2}{87}$	$\frac{17}{87}$	$\frac{26}{87}$	$\frac{35}{87}$	$\Phi_{87}^{7}\ \Phi_{29}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
22342	610	102	$\frac{1}{51}$	$\frac{10}{51}$	$\frac{1}{3}$	$\frac{41}{102}$	$\Phi_{102}^{10}\ \Phi_{51}^{2}\ \Phi_{34}^{10}\ \Phi_{17}^{2}\ \Phi_{6}^{10}\ \Phi_{3}\ \Phi_{2}^{10}\ \Phi_{1}^{2}$
22343	610	504	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{53}{252}$	$\frac{199}{504}$	$\Phi_{504}^{2}\ \Phi_{168}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{56}^{2}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
22344	610	744	$\frac{1}{62}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{744}^{2}\ \Phi_{186}\ \Phi_{93}\ \Phi_{24}\ \Phi_{6}$
22345	610	264	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^{4}\ \Phi_{88}^{3}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{4}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22346	610	462	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{74}{231}$	$\frac{157}{462}$	$\Phi_{462}^{2}\ \Phi_{154}^{2}\ \Phi_{77}^{2}\ \Phi_{66}^{2}\ \Phi_{42}^{2}\ \Phi_{22}^{2}\ \Phi_{14}^{2}\ \Phi_{11}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22347	610	459	$\frac{2}{153}$	$\frac{151}{459}$	$\frac{1}{3}$	$\frac{154}{459}$	$\Phi_{459}\ \Phi_{153}^{2}\ \Phi_{51}^{2}\ \Phi_{27}\ \Phi_{17}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
22348	610	126	$\frac{2}{63}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{126}^{6}\ \Phi_{63}^{4}\ \Phi_{42}^{6}\ \Phi_{21}^{4}\ \Phi_{18}^{6}\ \Phi_{14}^{6}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22349	610	90	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{29}{90}$	$\frac{1}{3}$	$\Phi_{90}^{10}\ \Phi_{45}^{10}\ \Phi_{18}^{10}\ \Phi_{9}^{10}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22350	610	324	$\frac{19}{324}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{324}^{2}\ \Phi_{162}^{2}\ \Phi_{108}^{2}\ \Phi_{81}^{2}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22351	610	432	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{127}{432}$	$\frac{1}{3}$	$\Phi_{432}^{2}\ \Phi_{216}^{2}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22352	610	408	$\frac{1}{34}$	$\frac{33}{136}$	$\frac{103}{408}$	$\frac{1}{3}$	$\Phi_{408}\ \Phi_{204}\ \Phi_{136}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{2}\ \Phi_{24}\ \Phi_{17}^{2}\ \Phi_{12}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22353	610	192	$\frac{3}{64}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{192}^{3}\ \Phi_{96}^{3}\ \Phi_{64}^{4}\ \Phi_{48}^{3}\ \Phi_{32}^{4}\ \Phi_{24}^{3}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22354	610	240	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{19}{80}$	$\frac{1}{3}$	$\Phi_{240}^{3}\ \Phi_{120}^{3}\ \Phi_{80}^{4}\ \Phi_{48}^{3}\ \Phi_{40}^{4}\ \Phi_{24}^{3}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22355	610	72	$\frac{1}{18}$	$\frac{11}{72}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{72}^{8}\ \Phi_{36}^{8}\ \Phi_{24}^{8}\ \Phi_{18}^{10}\ \Phi_{12}^{8}\ \Phi_{9}^{10}\ \Phi_{8}^{8}\ \Phi_{6}^{10}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
22356	610	396	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{396}$	$\frac{1}{3}$	$\Phi_{396}^{2}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{36}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22357	610	390	$\frac{4}{65}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{390}^{2}\ \Phi_{195}\ \Phi_{130}^{2}\ \Phi_{78}^{2}\ \Phi_{65}^{2}\ \Phi_{39}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22358	610	150	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{14}{75}$	$\frac{1}{3}$	$\Phi_{150}^{6}\ \Phi_{75}^{4}\ \Phi_{50}^{6}\ \Phi_{25}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22359	610	204	$\frac{7}{68}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{204}^{5}\ \Phi_{102}^{5}\ \Phi_{51}^{3}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{2}$
22360	610	66	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{66}^{10}\ \Phi_{33}^{10}\ \Phi_{22}^{10}\ \Phi_{11}^{10}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22361	610	72	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{72}^{10}\ \Phi_{36}^{10}\ \Phi_{24}^{10}\ \Phi_{18}^{10}\ \Phi_{9}^{10}\ \Phi_{8}^{10}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22362	610	270	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{270}^{3}\ \Phi_{135}^{2}\ \Phi_{90}^{3}\ \Phi_{54}^{3}\ \Phi_{45}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22363	610	210	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{210}^{3}\ \Phi_{105}^{3}\ \Phi_{70}^{4}\ \Phi_{42}^{3}\ \Phi_{35}^{4}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22364	610	378	$\frac{1}{21}$	$\frac{73}{378}$	$\frac{43}{189}$	$\frac{20}{63}$	$\Phi_{378}^{2}\ \Phi_{189}\ \Phi_{126}^{2}\ \Phi_{63}^{2}\ \Phi_{54}^{2}\ \Phi_{42}^{2}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22365	610	87	$\frac{3}{29}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{26}{87}$	$\Phi_{87}^{10}\ \Phi_{29}\ \Phi_{3}^{10}\ \Phi_{1}^{2}$
22366	610	84	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{23}{84}$	$\Phi_{84}^{10}\ \Phi_{42}^{10}\ \Phi_{28}^{2}\ \Phi_{21}^{10}\ \Phi_{14}^{2}\ \Phi_{12}^{10}\ \Phi_{7}\ \Phi_{6}^{10}\ \Phi_{4}^{2}\ \Phi_{3}^{10}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22367	610	336	$\frac{31}{336}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{112}^{2}\ \Phi_{84}^{2}\ \Phi_{56}^{2}\ \Phi_{48}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22368	610	392	$\frac{11}{98}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{87}{392}$	$\Phi_{392}^{2}\ \Phi_{196}^{2}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22369	611	976	$\frac{1}{122}$	$\frac{123}{488}$	$\frac{365}{976}$	$\frac{121}{244}$	$\Phi_{976}\ \Phi_{244}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
22370	611	1200	$\frac{11}{600}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{589}{1200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{80}\ \Phi_{48}\ \Phi_{20}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
22371	611	1200	$\frac{11}{600}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{589}{1200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
22372	611	820	$\frac{4}{205}$	$\frac{1}{5}$	$\frac{209}{820}$	$\frac{201}{410}$	$\Phi_{820}\ \Phi_{205}\ \Phi_{164}\ \Phi_{41}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
22373	611	552	$\frac{1}{46}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{45}{92}$	$\Phi_{552}^{2}\ \Phi_{184}^{2}\ \Phi_{92}\ \Phi_{24}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
22374	611	1380	$\frac{1}{46}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{1380}\ \Phi_{460}\ \Phi_{92}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
22375	611	828	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{45}{92}$	$\Phi_{828}^{2}\ \Phi_{92}\ \Phi_{36}^{2}\ \Phi_{18}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
22376	611	368	$\frac{1}{46}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{45}{92}$	$\Phi_{368}^{2}\ \Phi_{184}^{2}\ \Phi_{92}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
22377	611	630	$\frac{2}{45}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
22378	611	448	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{448}^2\ \Phi_{112}^2\ \Phi_{64}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
22379	611	616	$\frac{3}{44}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{616}^2\ \Phi_{88}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
22380	611	552	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{22}{69}$	$\frac{11}{24}$	$\Phi_{552}^2\ \Phi_{184}^2\ \Phi_{69}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_3\ \Phi_1$
22381	611	900	$\frac{11}{300}$	$\frac{1}{10}$	$\frac{289}{900}$	$\frac{9}{20}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{225}\ \Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
22382	611	640	$\frac{29}{640}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
22383	611	800	$\frac{11}{200}$	$\frac{1}{10}$	$\frac{189}{800}$	$\frac{9}{20}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{160}\ \Phi_{80}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
22384	611	660	$\frac{49}{660}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_4\ \Phi_1$
22385	611	720	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{109}{720}$	$\frac{9}{20}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_4\ \Phi_1$
22386	611	700	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{89}{700}$	$\frac{9}{20}$	$\Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
22387	611	84	$\frac{1}{14}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{84}^{13}\ \Phi_{42}^2\ \Phi_{28}^{13}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^{13}\ \Phi_7\ \Phi_6\ \Phi_4^{13}\ \Phi_3\ \Phi_1$
22388	611	560	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{560}^2\ \Phi_{112}^2\ \Phi_{80}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
22389	611	630	$\frac{19}{630}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1$
22390	611	504	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{504}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{72}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
22391	611	345	$\frac{1}{23}$	$\frac{2}{15}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{345}^2\ \Phi_{115}^2\ \Phi_{69}\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3\ \Phi_1$
22392	611	378	$\frac{1}{14}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
22393	611	420	$\frac{1}{14}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
22394	611	900	$\frac{11}{300}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{289}{900}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{225}\ \Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
22395	611	414	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{22}{69}$	$\Phi_{414}^2\ \Phi_{207}^2\ \Phi_{69}\ \Phi_{18}^3\ \Phi_9^3\ \Phi_3\ \Phi_1$
22396	611	1104	$\frac{1}{23}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{22}{69}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{69}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_3\ \Phi_1$
22397	611	750	$\frac{11}{150}$	$\frac{139}{750}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{750}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{15}\ \Phi_3\ \Phi_1$
22398	611	660	$\frac{49}{660}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_3\ \Phi_1$
22399	611	720	$\frac{11}{120}$	$\frac{109}{720}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
22400	611	675	$\frac{64}{675}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
22401	612	912	$\frac{1}{152}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{151}{304}$	$\Phi_{912}\ \Phi_{304}^2\ \Phi_{48}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
22402	612	505	$\frac{1}{101}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{50}{101}$	$\Phi_{505}\ \Phi_{101}^2\ \Phi_5^2\ \Phi_1^4$
22403	612	1212	$\frac{1}{101}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{50}{101}$	$\Phi_{1212}\ \Phi_{606}\ \Phi_{12}^2\ \Phi_6^2$
22404	612	611	$\frac{7}{611}$	$\frac{103}{611}$	$\frac{254}{611}$	$\frac{302}{611}$	$\Phi_{611}\ \Phi_{47}\ \Phi_{13}\ \Phi_1^2$
22405	612	820	$\frac{3}{205}$	$\frac{1}{4}$	$\frac{52}{205}$	$\frac{101}{205}$	$\Phi_{820}\ \Phi_{410}\ \Phi_{164}\ \Phi_{82}\ \Phi_{20}\ \Phi_{10}$
22406	612	611	$\frac{9}{611}$	$\frac{152}{611}$	$\frac{155}{611}$	$\frac{301}{611}$	$\Phi_{611}\ \Phi_{47}\ \Phi_{13}\ \Phi_1^2$
22407	612	1072	$\frac{1}{67}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{33}{67}$	$\Phi_{1072}\ \Phi_{67}\ \Phi_{16}^2\ \Phi_1^2$
22408	612	268	$\frac{1}{67}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{33}{67}$	$\Phi_{268}^2\ \Phi_{134}^2\ \Phi_{67}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
22409	612	921	$\frac{5}{307}$	$\frac{52}{307}$	$\frac{1}{3}$	$\frac{151}{307}$	Φ_{921}
22410	612	1100	$\frac{1}{50}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{49}{100}$	$\Phi_{1100}\ \Phi_{220}\ \Phi_{100}^2\ \Phi_{44}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
22411	612	2100	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{2100}\ \Phi_{420}\ \Phi_{84}\ \Phi_{21}$
22412	612	1100	$\frac{1}{50}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{49}{100}$	$\Phi_{1100}\ \Phi_{220}\ \Phi_{100}^2\ \Phi_{44}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
22413	612	100	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{49}{100}$	$\Phi_{100}^4\ \Phi_{50}^8\ \Phi_{25}^8\ \Phi_{20}^5\ \Phi_{10}^9\ \Phi_5^8\ \Phi_4^4\ \Phi_2^8\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
22414	612	94	$\frac{1}{47}$	$\frac{4}{47}$	$\frac{43}{94}$	$\frac{23}{47}$	$\Phi_{94}^{12}\ \Phi_{47}\ \Phi_{2}^{12}\ \Phi_{1}^{2}$
22415	612	47	$\frac{1}{47}$	$\frac{8}{47}$	$\frac{13}{47}$	$\frac{23}{47}$	$\Phi_{47}^{13}\ \Phi_{1}^{14}$
22416	612	188	$\frac{1}{47}$	$\frac{35}{188}$	$\frac{12}{47}$	$\frac{23}{47}$	$\Phi_{188}^{4}\ \Phi_{94}^{4}\ \Phi_{47}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
22417	612	299	$\frac{7}{299}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{146}{299}$	$\Phi_{299}^{2}\ \Phi_{23}^{2}\ \Phi_{13}^{3}\ \Phi_{1}^{4}$
22418	612	164	$\frac{1}{41}$	$\frac{7}{41}$	$\frac{1}{4}$	$\frac{20}{41}$	$\Phi_{164}^{5}\ \Phi_{82}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
22419	612	1120	$\frac{1}{35}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{17}{35}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{35}\ \Phi_{32}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
22420	612	840	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{35}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
22421	612	140	$\frac{1}{35}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{140}^{4}\ \Phi_{70}^{4}\ \Phi_{35}^{5}\ \Phi_{28}^{4}\ \Phi_{20}^{5}\ \Phi_{14}^{4}\ \Phi_{10}^{5}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
22422	612	561	$\frac{1}{33}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{16}{33}$	$\Phi_{561}\ \Phi_{187}\ \Phi_{51}\ \Phi_{33}^{2}\ \Phi_{17}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
22423	612	330	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{330}^{2}\ \Phi_{165}^{2}\ \Phi_{110}^{2}\ \Phi_{66}^{2}\ \Phi_{55}^{2}\ \Phi_{30}^{3}\ \Phi_{22}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}$
22424	612	561	$\frac{1}{33}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{16}{33}$	$\Phi_{561}\ \Phi_{187}\ \Phi_{51}\ \Phi_{33}^{2}\ \Phi_{17}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
22425	612	924	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{154}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
22426	612	611	$\frac{19}{611}$	$\frac{35}{611}$	$\frac{288}{611}$	$\frac{296}{611}$	$\Phi_{611}\ \Phi_{47}\ \Phi_{13}\ \Phi_{1}^{2}$
22427	612	490	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{47}{98}$	$\Phi_{490}^{3}\ \Phi_{70}^{3}\ \Phi_{35}\ \Phi_{10}^{3}$
22428	612	611	$\frac{25}{611}$	$\frac{53}{611}$	$\frac{186}{611}$	$\frac{293}{611}$	$\Phi_{611}\ \Phi_{47}\ \Phi_{13}\ \Phi_{1}^{2}$
22429	612	230	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{230}^{3}\ \Phi_{115}^{3}\ \Phi_{46}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}$
22430	612	880	$\frac{1}{22}$	$\frac{23}{176}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{10}$
22431	612	65	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{31}{65}$	$\Phi_{65}^{9}\ \Phi_{13}^{11}\ \Phi_{5}^{9}\ \Phi_{1}^{12}$
22432	612	721	$\frac{5}{103}$	$\frac{1}{7}$	$\frac{18}{103}$	$\frac{49}{103}$	Φ_{721}
22433	612	611	$\frac{31}{611}$	$\frac{84}{611}$	$\frac{107}{611}$	$\frac{290}{611}$	$\Phi_{611}\ \Phi_{47}\ \Phi_{13}\ \Phi_{1}^{2}$
22434	612	820	$\frac{11}{205}$	$\frac{18}{205}$	$\frac{1}{4}$	$\frac{97}{205}$	$\Phi_{820}\ \Phi_{410}\ \Phi_{164}\ \Phi_{82}\ \Phi_{20}\ \Phi_{10}$
22435	612	611	$\frac{33}{611}$	$\frac{50}{611}$	$\frac{161}{611}$	$\frac{289}{611}$	$\Phi_{611}\ \Phi_{47}\ \Phi_{13}\ \Phi_{1}^{2}$
22436	612	921	$\frac{17}{307}$	$\frac{18}{307}$	$\frac{1}{3}$	$\frac{145}{307}$	Φ_{921}
22437	612	208	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{55}{208}$	$\frac{49}{104}$	$\Phi_{208}^{4}\ \Phi_{52}^{4}\ \Phi_{26}^{4}\ \Phi_{16}^{4}\ \Phi_{13}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
22438	612	306	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{306}^{2}\ \Phi_{153}^{2}\ \Phi_{102}^{2}\ \Phi_{51}\ \Phi_{34}^{2}\ \Phi_{18}^{4}\ \Phi_{17}^{2}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
22439	612	374	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{8}{17}$	$\Phi_{374}^{2}\ \Phi_{187}\ \Phi_{34}^{2}\ \Phi_{22}^{4}\ \Phi_{17}^{2}\ \Phi_{11}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
22440	612	1824	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{1824}\ \Phi_{57}$
22441	612	1120	$\frac{2}{35}$	$\frac{1}{16}$	$\frac{11}{35}$	$\frac{15}{32}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{35}\ \Phi_{32}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
22442	612	416	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{416}^{3}\ \Phi_{52}\ \Phi_{26}$
22443	612	1120	$\frac{1}{16}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{15}{32}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{35}\ \Phi_{32}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
22444	612	160	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{160}^{7}\ \Phi_{32}^{8}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
22445	612	224	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{224}^{5}\ \Phi_{32}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
22446	612	286	$\frac{10}{143}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{133}{286}$	$\Phi_{286}^{4}\ \Phi_{26}^{4}\ \Phi_{22}^{4}\ \Phi_{13}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
22447	612	1430	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{133}{286}$	$\Phi_{1430}\ \Phi_{130}\ \Phi_{110}\ \Phi_{55}\ \Phi_{10}$
22448	612	280	$\frac{1}{14}$	$\frac{5}{56}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{280}^{3}\ \Phi_{140}^{2}\ \Phi_{70}^{3}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
22449	612	666	$\frac{1}{18}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{666}\ \Phi_{333}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
22450	612	94	$\frac{3}{47}$	$\frac{4}{47}$	$\frac{11}{47}$	$\frac{43}{94}$	$\Phi_{94}^{12}\ \Phi_{47}\ \Phi_{2}^{12}\ \Phi_{1}^{2}$
22451	612	94	$\frac{4}{47}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{43}{94}$	$\Phi_{94}^{12}\ \Phi_{47}\ \Phi_{2}^{12}\ \Phi_{1}^{2}$
22452	612	275	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{8}{25}$	$\frac{5}{11}$	$\Phi_{275}^{2}\ \Phi_{55}^{2}\ \Phi_{25}^{4}\ \Phi_{11}^{3}\ \Phi_{5}^{4}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
22453	612	396	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{396}^2\ \Phi_{198}\ \Phi_{132}^2\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}^4\ \Phi_{33}\ \Phi_{18}^2\ \Phi_{12}^4\ \Phi_{11}\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
22454	612	55	$\frac{4}{55}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{55}^{11}\ \Phi_{11}^{12}\ \Phi_5^{10}\ \Phi_1^{12}$
22455	612	220	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{5}{11}$	$\Phi_{220}^3\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{44}^3\ \Phi_{22}^2\ \Phi_{20}^6\ \Phi_{11}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
22456	612	280	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{5}$	$\frac{127}{280}$	$\Phi_{280}^4\ \Phi_{70}\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{35}\ \Phi_{10}\ \Phi_8^4$
22457	612	47	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{13}{47}$	$\frac{21}{47}$	$\Phi_{47}^{13}\ \Phi_1^{14}$
22458	612	921	$\frac{10}{307}$	$\frac{33}{307}$	$\frac{1}{3}$	$\frac{137}{307}$	Φ_{921}
22459	612	611	$\frac{20}{611}$	$\frac{69}{611}$	$\frac{197}{611}$	$\frac{271}{611}$	$\Phi_{611}\ \Phi_{47}\ \Phi_{13}\ \Phi_1^2$
22460	612	91	$\frac{1}{13}$	$\frac{11}{91}$	$\frac{2}{13}$	$\frac{40}{91}$	$\Phi_{91}^6\ \Phi_{13}^{11}\ \Phi_7^6\ \Phi_1^{12}$
22461	612	1680	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1680}\ \Phi_{336}\ \Phi_{240}\ \Phi_{105}\ \Phi_{21}\ \Phi_{15}$
22462	612	1072	$\frac{3}{67}$	$\frac{1}{8}$	$\frac{16}{67}$	$\frac{7}{16}$	$\Phi_{1072}\ \Phi_{67}\ \Phi_{16}^2\ \Phi_1^2$
22463	612	720	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
22464	612	1110	$\frac{1}{37}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1110}\ \Phi_{370}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
22465	612	570	$\frac{1}{19}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{570}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}\ \Phi_{38}^2$
22466	612	666	$\frac{1}{18}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{666}\ \Phi_{333}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
22467	612	399	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{399}^2\ \Phi_{133}\ \Phi_{57}^2$
22468	612	611	$\frac{29}{611}$	$\frac{97}{611}$	$\frac{118}{611}$	$\frac{257}{611}$	$\Phi_{611}\ \Phi_{47}\ \Phi_{13}\ \Phi_1^2$
22469	612	440	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{1}{5}$	$\frac{37}{88}$	$\Phi_{440}^3\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}^3\ \Phi_{10}$
22470	612	820	$\frac{7}{205}$	$\frac{33}{205}$	$\frac{1}{4}$	$\frac{86}{205}$	$\Phi_{820}\ \Phi_{410}\ \Phi_{164}\ \Phi_{82}\ \Phi_{20}\ \Phi_{10}$
22471	612	888	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{888}\ \Phi_{296}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
22472	612	260	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{130}$	$\frac{107}{260}$	$\Phi_{260}^4\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{20}^4\ \Phi_{13}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
22473	612	780	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{60}\ \Phi_{39}^2\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
22474	612	505	$\frac{2}{101}$	$\frac{1}{5}$	$\frac{33}{101}$	$\frac{2}{5}$	$\Phi_{505}\ \Phi_{101}^2\ \Phi_5^2\ \Phi_1^4$
22475	612	140	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{140}^6\ \Phi_{70}^6\ \Phi_{28}^6\ \Phi_{20}^5\ \Phi_{14}^6\ \Phi_{10}^5\ \Phi_4^4\ \Phi_2^4$
22476	612	505	$\frac{5}{101}$	$\frac{16}{101}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{505}\ \Phi_{101}^2\ \Phi_5^2\ \Phi_1^4$
22477	612	380	$\frac{1}{19}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{380}^2\ \Phi_{190}^2\ \Phi_{95}\ \Phi_{76}^2\ \Phi_{38}^2$
22478	612	630	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
22479	612	532	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{532}^2\ \Phi_{133}\ \Phi_{76}^2$
22480	612	611	$\frac{11}{611}$	$\frac{137}{611}$	$\frac{200}{611}$	$\frac{237}{611}$	$\Phi_{611}\ \Phi_{47}\ \Phi_{13}\ \Phi_1^2$
22481	612	52	$\frac{1}{52}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{52}^{12}\ \Phi_{26}^{12}\ \Phi_{13}^{11}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
22482	612	164	$\frac{1}{41}$	$\frac{10}{41}$	$\frac{1}{4}$	$\frac{31}{82}$	$\Phi_{164}^5\ \Phi_{82}\ \Phi_{41}^4\ \Phi_4^4\ \Phi_1^4$
22483	612	728	$\frac{1}{13}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}$
22484	612	665	$\frac{1}{35}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{665}\ \Phi_{133}\ \Phi_{95}$
22485	612	611	$\frac{23}{611}$	$\frac{98}{611}$	$\frac{171}{611}$	$\frac{220}{611}$	$\Phi_{611}\ \Phi_{47}\ \Phi_{13}\ \Phi_1^2$
22486	612	666	$\frac{1}{18}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{666}\ \Phi_{333}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
22487	612	26	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{26}^{36}\ \Phi_{13}^{11}\ \Phi_2^{36}\ \Phi_1^{12}$
22488	612	611	$\frac{32}{611}$	$\frac{67}{611}$	$\frac{193}{611}$	$\frac{209}{611}$	$\Phi_{611}\ \Phi_{47}\ \Phi_{13}\ \Phi_1^2$
22489	612	721	$\frac{4}{103}$	$\frac{1}{7}$	$\frac{33}{103}$	$\frac{35}{103}$	Φ_{721}
22490	612	611	$\frac{14}{611}$	$\frac{135}{611}$	$\frac{199}{611}$	$\frac{206}{611}$	$\Phi_{611}\ \Phi_{47}\ \Phi_{13}\ \Phi_1^2$
22491	612	820	$\frac{4}{205}$	$\frac{1}{4}$	$\frac{67}{205}$	$\frac{69}{205}$	$\Phi_{820}\ \Phi_{410}\ \Phi_{164}\ \Phi_{82}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
22492	612	611	$\frac{8}{611}$	$\frac{201}{611}$	$\frac{203}{611}$	$\frac{205}{611}$	$\Phi_{611}\ \Phi_{47}\ \Phi_{13}\ \Phi_1^2$
22493	612	921	$\frac{4}{307}$	$\frac{101}{307}$	$\frac{1}{3}$	$\frac{103}{307}$	Φ_{921}
22494	612	228	$\frac{1}{76}$	$\frac{25}{76}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^4\ \Phi_{57}^2\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
22495	612	156	$\frac{1}{52}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{156}^3\ \Phi_{78}^3\ \Phi_{52}^6\ \Phi_{39}^3\ \Phi_{26}^6\ \Phi_{13}^6\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
22496	612	570	$\frac{1}{38}$	$\frac{37}{190}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{570}\ \Phi_{285}\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
22497	612	480	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
22498	612	57	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{57}^8\ \Phi_{19}^{16}\ \Phi_3^9\ \Phi_1^{18}$
22499	612	90	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{90}^8\ \Phi_{45}^8\ \Phi_{30}^7\ \Phi_{18}^4\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_9^4\ \Phi_6^3\ \Phi_5^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
22500	612	1212	$\frac{2}{101}$	$\frac{1}{4}$	$\frac{33}{101}$	$\frac{1}{3}$	$\Phi_{1212}\ \Phi_{606}\ \Phi_{12}^2\ \Phi_6^2$
22501	612	921	$\frac{7}{307}$	$\frac{69}{307}$	$\frac{100}{307}$	$\frac{1}{3}$	Φ_{921}
22502	612	525	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{105}^2\ \Phi_{21}^3$
22503	612	921	$\frac{16}{307}$	$\frac{35}{307}$	$\frac{97}{307}$	$\frac{1}{3}$	Φ_{921}
22504	612	990	$\frac{2}{33}$	$\frac{1}{10}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{198}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
22505	612	306	$\frac{1}{18}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{18}^4\ \Phi_{17}^2\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
22506	612	456	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{456}\ \Phi_{228}\ \Phi_{152}^2\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2$
22507	612	921	$\frac{13}{307}$	$\frac{49}{307}$	$\frac{86}{307}$	$\frac{1}{3}$	Φ_{921}
22508	612	420	$\frac{1}{35}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{105}^3\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}^3\ \Phi_{15}^3$
22509	612	1212	$\frac{5}{101}$	$\frac{16}{101}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1212}\ \Phi_{606}\ \Phi_{12}^2\ \Phi_6^2$
22510	612	1140	$\frac{1}{19}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{285}\ \Phi_{57}$
22511	612	252	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^4\ \Phi_{126}^2\ \Phi_{84}^3\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2$
22512	612	330	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{330}^3\ \Phi_{165}^3\ \Phi_{66}\ \Phi_{33}^2\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_6^2\ \Phi_3^2$
22513	612	1155	$\frac{4}{55}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{21}$
22514	612	420	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{42}^2\ \Phi_{21}^3$
22515	612	275	$\frac{1}{25}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{8}{25}$	$\Phi_{275}^2\ \Phi_{55}^2\ \Phi_{25}^4\ \Phi_{11}^3\ \Phi_5^4\ \Phi_1^6$
22516	612	100	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{8}{25}$	$\Phi_{100}^8\ \Phi_{50}^8\ \Phi_{20}^9\ \Phi_{10}^9\ \Phi_4^8\ \Phi_2^8$
22517	612	47	$\frac{2}{47}$	$\frac{8}{47}$	$\frac{13}{47}$	$\frac{15}{47}$	$\Phi_{47}^{13}\ \Phi_1^{14}$
22518	612	110	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{5}{22}$	$\frac{7}{22}$	$\Phi_{110}^7\ \Phi_{55}^7\ \Phi_{10}^7\ \Phi_5^6$
22519	612	611	$\frac{29}{611}$	$\frac{118}{611}$	$\frac{139}{611}$	$\frac{194}{611}$	$\Phi_{611}\ \Phi_{47}\ \Phi_{13}\ \Phi_1^2$
22520	612	164	$\frac{2}{41}$	$\frac{7}{41}$	$\frac{1}{4}$	$\frac{13}{41}$	$\Phi_{164}^5\ \Phi_{82}^5\ \Phi_4^4\ \Phi_2^4$
22521	612	840	$\frac{2}{35}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{11}{35}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
22522	612	140	$\frac{2}{35}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{11}{35}$	$\Phi_{140}^4\ \Phi_{70}^4\ \Phi_{35}^5\ \Phi_{28}^4\ \Phi_{20}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_7^5\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
22523	612	39	$\frac{1}{13}$	$\frac{5}{39}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{39}^{18}\ \Phi_{13}^{11}\ \Phi_3^{18}\ \Phi_1^{12}$
22524	612	65	$\frac{1}{13}$	$\frac{9}{65}$	$\frac{14}{65}$	$\frac{4}{13}$	$\Phi_{65}^9\ \Phi_{13}^{11}\ \Phi_5^9\ \Phi_1^{12}$
22525	612	374	$\frac{1}{11}$	$\frac{2}{17}$	$\frac{5}{22}$	$\frac{5}{17}$	$\Phi_{374}^2\ \Phi_{187}\ \Phi_{34}^2\ \Phi_{22}^4\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_2^4\ \Phi_1^4$
22526	612	312	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{52}\ \Phi_{39}^3\ \Phi_{26}$
22527	612	840	$\frac{3}{35}$	$\frac{1}{8}$	$\frac{8}{35}$	$\frac{7}{24}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
22528	612	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{120}^7\ \Phi_{60}^7\ \Phi_{30}^7\ \Phi_{24}^8\ \Phi_{15}^7\ \Phi_{12}^8\ \Phi_{10}^4\ \Phi_6^8\ \Phi_5^3\ \Phi_3^8\ \Phi_2^4\ \Phi_1^4$
22529	612	168	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{42}^5\ \Phi_{24}^6\ \Phi_{21}^5\ \Phi_{12}^6\ \Phi_7^5\ \Phi_6^6\ \Phi_3^6\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
22530	612	280	$\frac{5}{56}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{280}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{40}^3\ \Phi_{35}\ \Phi_{20}^3\ \Phi_{10}^3$
22531	612	47	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{8}{47}$	$\frac{13}{47}$	$\Phi_{47}^{13}\ \Phi_1^{14}$
22532	612	396	$\frac{1}{18}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{396}^2\ \Phi_{198}\ \Phi_{132}^2\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}^4\ \Phi_{33}\ \Phi_{18}^2\ \Phi_{12}^4\ \Phi_{11}\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
22533	612	55	$\frac{4}{55}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{55}^{11}\ \Phi_{11}^{12}\ \Phi_5^{10}\ \Phi_1^{12}$
22534	612	220	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{220}^3\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{44}^3\ \Phi_{22}^2\ \Phi_{20}^6\ \Phi_{11}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
22535	612	70	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1}{5}$	$\frac{19}{70}$	$\Phi_{70}^9\ \Phi_{35}^9\ \Phi_{14}^8\ \Phi_{10}^9\ \Phi_7^8\ \Phi_5^8\ \Phi_2^8\ \Phi_1^8$
22536	612	666	$\frac{1}{18}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{666}\ \Phi_{333}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
22537	612	855	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{855}\ \Phi_{171}\ \Phi_{95}$
22538	612	611	$\frac{27}{611}$	$\frac{146}{611}$	$\frac{152}{611}$	$\frac{155}{611}$	$\Phi_{611}\ \Phi_{47}\ \Phi_{13}\ \Phi_1^2$
22539	612	820	$\frac{9}{205}$	$\frac{49}{205}$	$\frac{1}{4}$	$\frac{52}{205}$	$\Phi_{820}\ \Phi_{410}\ \Phi_{164}\ \Phi_{82}\ \Phi_{20}\ \Phi_{10}$
22540	612	268	$\frac{3}{67}$	$\frac{16}{67}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{268}^2\ \Phi_{134}^2\ \Phi_{67}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
22541	612	180	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{180}^4\ \Phi_{90}^5\ \Phi_{60}^4\ \Phi_{45}^5\ \Phi_{30}^5\ \Phi_{20}^2\ \Phi_{15}^5\ \Phi_{10}^3\ \Phi_5^2$
22542	612	260	$\frac{1}{13}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{260}^3\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{52}\ \Phi_{26}$
22543	612	140	$\frac{3}{35}$	$\frac{3}{20}$	$\frac{8}{35}$	$\frac{1}{4}$	$\Phi_{140}^4\ \Phi_{70}^4\ \Phi_{35}^5\ \Phi_{28}^4\ \Phi_{20}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_7^5\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
22544	612	308	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{308}^3\ \Phi_{154}\ \Phi_{77}^2\ \Phi_{28}^4\ \Phi_{14}^2\ \Phi_7^2$
22545	612	832	$\frac{1}{13}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{832}\ \Phi_{416}\ \Phi_{52}\ \Phi_{26}$
22546	612	220	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{220}^4\ \Phi_{110}^4\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{20}\ \Phi_{10}$
22547	612	500	$\frac{2}{25}$	$\frac{23}{125}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{500}^2\ \Phi_{250}^2\ \Phi_{20}\ \Phi_{10}$
22548	612	300	$\frac{7}{75}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{100}^2\ \Phi_{60}^3\ \Phi_{50}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
22549	612	20	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{20}^{29}\ \Phi_{10}^{33}\ \Phi_5^{32}\ \Phi_4^{28}\ \Phi_2^{32}\ \Phi_1^{32}$
22550	612	164	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{1}{4}$	$\Phi_{164}^5\ \Phi_{82}^5\ \Phi_4^4\ \Phi_2^4$
22551	612	140	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{140}^5\ \Phi_{70}^5\ \Phi_{35}^5\ \Phi_{20}^6\ \Phi_{10}^6\ \Phi_7^5\ \Phi_5^6\ \Phi_1^6$
22552	612	110	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{5}{22}$	$\Phi_{110}^9\ \Phi_{55}^5\ \Phi_{10}^9\ \Phi_5^4$
22553	612	980	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{43}{196}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
22554	613	1216	$\frac{5}{608}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{603}{1216}$	$\Phi_{1216}\ \Phi_{64}\ \Phi_8\ \Phi_1$
22555	613	1088	$\frac{1}{68}$	$\frac{69}{544}$	$\frac{475}{1088}$	$\frac{67}{136}$	$\Phi_{1088}\ \Phi_{136}\ \Phi_{64}\ \Phi_8\ \Phi_1$
22556	613	816	$\frac{1}{68}$	$\frac{203}{816}$	$\frac{69}{272}$	$\frac{67}{136}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
22557	613	738	$\frac{2}{123}$	$\frac{125}{738}$	$\frac{1}{3}$	$\frac{121}{246}$	$\Phi_{738}\ \Phi_{369}\ \Phi_{123}\ \Phi_{41}\ \Phi_{18}\ \Phi_9\ \Phi_1$
22558	613	1200	$\frac{13}{600}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{587}{1200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{80}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
22559	613	1200	$\frac{13}{600}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{587}{1200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}\ \Phi_{15}\ \Phi_5\ \Phi_1$
22560	613	1152	$\frac{1}{36}$	$\frac{37}{576}$	$\frac{539}{1152}$	$\frac{35}{72}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{72}\ \Phi_{24}\ \Phi_8\ \Phi_1$
22561	613	864	$\frac{1}{36}$	$\frac{37}{288}$	$\frac{251}{864}$	$\frac{35}{72}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
22562	613	720	$\frac{1}{36}$	$\frac{107}{720}$	$\frac{37}{144}$	$\frac{35}{72}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
22563	613	1188	$\frac{19}{594}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{575}{1188}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{132}\ \Phi_{108}\ \Phi_{44}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
22564	613	704	$\frac{3}{88}$	$\frac{91}{704}$	$\frac{1}{4}$	$\frac{85}{176}$	$\Phi_{704}\ \Phi_{352}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
22565	613	828	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{215}{828}$	$\frac{199}{414}$	$\Phi_{828}\ \Phi_{276}\ \Phi_{207}\ \Phi_{92}\ \Phi_{69}\ \Phi_{36}\ \Phi_{23}\ \Phi_{12}\ \Phi_4\ \Phi_1$
22566	613	1176	$\frac{25}{588}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{563}{1176}$	$\Phi_{1176}\ \Phi_{392}\ \Phi_{168}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
22567	613	672	$\frac{3}{56}$	$\frac{59}{672}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
22568	613	1152	$\frac{37}{576}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{539}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
22569	613	1144	$\frac{3}{44}$	$\frac{41}{572}$	$\frac{1}{4}$	$\frac{531}{1144}$	$\Phi_{1144}\ \Phi_{104}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
22570	613	720	$\frac{1}{12}$	$\frac{13}{120}$	$\frac{107}{720}$	$\frac{11}{24}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
22571	613	1120	$\frac{3}{56}$	$\frac{53}{560}$	$\frac{1}{4}$	$\frac{507}{1120}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
22572	613	630	$\frac{17}{630}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
22573	613	756	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{143}{756}$	$\frac{109}{252}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
22574	613	1080	$\frac{1}{36}$	$\frac{73}{540}$	$\frac{35}{108}$	$\frac{467}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
22575	613	1080	$\frac{1}{18}$	$\frac{73}{540}$	$\frac{17}{90}$	$\frac{467}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
22576	613	1056	$\frac{3}{88}$	$\frac{85}{528}$	$\frac{1}{4}$	$\frac{443}{1056}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{96}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
22577	613	864	$\frac{1}{36}$	$\frac{35}{216}$	$\frac{251}{864}$	$\frac{181}{432}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
22578	613	720	$\frac{1}{18}$	$\frac{107}{720}$	$\frac{17}{90}$	$\frac{73}{180}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
22579	613	1008	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{109}{504}$	$\frac{395}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
22580	613	672	$\frac{1}{12}$	$\frac{59}{672}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
22581	613	984	$\frac{2}{123}$	$\frac{121}{492}$	$\frac{1}{3}$	$\frac{371}{984}$	$\Phi_{984}\ \Phi_{328}\ \Phi_{123}\ \Phi_{41}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
22582	613	912	$\frac{5}{304}$	$\frac{1}{4}$	$\frac{299}{912}$	$\frac{3}{8}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
22583	613	624	$\frac{11}{624}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
22584	613	760	$\frac{5}{152}$	$\frac{147}{760}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
22585	613	640	$\frac{27}{640}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
22586	613	648	$\frac{35}{648}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
22587	613	936	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{145}{468}$	$\frac{323}{936}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
22588	613	900	$\frac{13}{300}$	$\frac{2}{15}$	$\frac{287}{900}$	$\frac{1}{3}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{225}\ \Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
22589	613	660	$\frac{47}{660}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}$
22590	613	750	$\frac{13}{150}$	$\frac{2}{15}$	$\frac{137}{750}$	$\frac{1}{3}$	$\Phi_{750}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
22591	613	675	$\frac{62}{675}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
22592	613	720	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{107}{720}$	$\frac{1}{3}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
22593	613	792	$\frac{3}{88}$	$\frac{179}{792}$	$\frac{1}{4}$	$\frac{85}{264}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
22594	613	891	$\frac{19}{297}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{278}{891}$	$\Phi_{891}\ \Phi_{81}\ \Phi_{27}\ \Phi_{1}$
22595	613	672	$\frac{59}{672}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
22596	613	864	$\frac{1}{12}$	$\frac{37}{288}$	$\frac{11}{48}$	$\frac{251}{864}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
22597	613	810	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{197}{810}$	$\frac{73}{270}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{162}\ \Phi_{90}\ \Phi_{81}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
22598	613	840	$\frac{3}{56}$	$\frac{53}{280}$	$\frac{1}{4}$	$\frac{227}{840}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
22599	613	720	$\frac{1}{12}$	$\frac{107}{720}$	$\frac{11}{48}$	$\frac{37}{144}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
22600	613	784	$\frac{3}{28}$	$\frac{25}{196}$	$\frac{171}{784}$	$\frac{1}{4}$	$\Phi_{784}\ \Phi_{392}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
22601	613	768	$\frac{1}{12}$	$\frac{37}{192}$	$\frac{155}{768}$	$\frac{11}{48}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
22602	614	1824	$\frac{3}{304}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{301}{608}$	$\Phi_{1824}\ \Phi_{96}\ \Phi_{12}\ \Phi_{6}$
22603	614	1806	$\frac{6}{301}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{295}{602}$	$\Phi_{1806}\ \Phi_{258}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
22604	614	1056	$\frac{1}{44}$	$\frac{45}{352}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{12}\ \Phi_{6}$
22605	614	594	$\frac{10}{297}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{287}{594}$	$\Phi_{594}^2\ \Phi_{198}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{6}^2\ \Phi_{2}^2$
22606	614	336	$\frac{1}{28}$	$\frac{29}{336}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{336}^2\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
22607	614	588	$\frac{13}{294}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{281}{588}$	$\Phi_{588}^2\ \Phi_{196}^2\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}^2$
22608	614	1716	$\frac{1}{22}$	$\frac{21}{286}$	$\frac{1}{3}$	$\frac{265}{572}$	$\Phi_{1716}\ \Phi_{156}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_{6}$
22609	614	1680	$\frac{1}{28}$	$\frac{27}{280}$	$\frac{1}{3}$	$\frac{253}{560}$	$\Phi_{1680}\ \Phi_{336}\ \Phi_{240}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
22610	614	528	$\frac{1}{44}$	$\frac{43}{264}$	$\frac{1}{3}$	$\frac{221}{528}$	$\Phi_{528}^2\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}^2\ \Phi_{33}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_{6}$
22611	614	312	$\frac{5}{312}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
22612	614	462	$\frac{1}{77}$	$\frac{76}{231}$	$\frac{1}{3}$	$\frac{155}{462}$	$\Phi_{462}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{6}^2\ \Phi_{2}^2$
22613	614	456	$\frac{3}{152}$	$\frac{1}{4}$	$\frac{149}{456}$	$\frac{1}{3}$	$\Phi_{456}\ \Phi_{228}\ \Phi_{152}^2\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{24}\ \Phi_{19}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
22614	614	396	$\frac{1}{44}$	$\frac{89}{396}$	$\frac{43}{132}$	$\frac{1}{3}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{99}^2\ \Phi_{66}\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{9}^2\ \Phi_{6}$
22615	614	336	$\frac{1}{14}$	$\frac{29}{336}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}\ \Phi_{4}^2$
22616	614	330	$\frac{23}{330}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{2}^2$
22617	614	420	$\frac{1}{28}$	$\frac{27}{140}$	$\frac{113}{420}$	$\frac{1}{3}$	$\Phi_{420}\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
22618	614	1140	$\frac{3}{76}$	$\frac{73}{380}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{285}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
22619	614	960	$\frac{13}{320}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
22620	614	396	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{396}$	$\frac{1}{3}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{2}^2$
22621	614	1176	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{85}{392}$	$\frac{1}{3}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
22622	615	488	$\frac{1}{122}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{121}{244}$	$\Phi_{488}^2\ \Phi_{244}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
22623	615	560	$\frac{1}{40}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{39}{80}$	$\Phi_{560}^2\ \Phi_{112}^2\ \Phi_{80}^3\ \Phi_{28}\ \Phi_{16}^3\ \Phi_{4}\ \Phi_{1}$
22624	615	560	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{39}{80}$	$\Phi_{560}^2\ \Phi_{112}^2\ \Phi_{80}^3\ \Phi_{16}^3\ \Phi_{7}^2\ \Phi_{1}^3$
22625	615	240	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{39}{80}$	$\Phi_{240}^6\ \Phi_{80}^3\ \Phi_{48}^6\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
22626	615	624	$\frac{2}{39}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{52}\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
22627	615	420	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{19}{60}$	$\frac{13}{28}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^3\ \Phi_{42}^2\ \Phi_{30}^3\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}\ \Phi_{3}^3\ \Phi_{1}$
22628	615	112	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{112}^6\ \Phi_{56}^5\ \Phi_{28}^6\ \Phi_{16}^5\ \Phi_{14}^5\ \Phi_{8}^4\ \Phi_{7}^5\ \Phi_{4}^5\ \Phi_{2}^4\ \Phi_{1}^5$
22629	615	308	$\frac{3}{44}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{308}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{44}^3\ \Phi_{28}\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_{4}\ \Phi_{1}$
22630	615	1260	$\frac{1}{14}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{84}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
22631	615	700	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{13}{28}$	$\Phi_{700}^2\ \Phi_{100}^2\ \Phi_{50}\ \Phi_{28}\ \Phi_{25}\ \Phi_{4}\ \Phi_{1}$
22632	615	336	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{13}{28}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{48}^3\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}\ \Phi_{3}^3\ \Phi_{1}$
22633	615	144	$\frac{1}{16}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{144}^4\ \Phi_{72}^3\ \Phi_{48}^6\ \Phi_{36}^4\ \Phi_{24}^5\ \Phi_{18}^4\ \Phi_{16}^5\ \Phi_{12}^6\ \Phi_{9}^4\ \Phi_{8}^4\ \Phi_{6}^5\ \Phi_{4}^5\ \Phi_{3}^5\ \Phi_{2}^4\ \Phi_{1}^5$
22634	615	48	$\frac{1}{16}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{48}^{13}\ \Phi_{24}^{13}\ \Phi_{16}^{12}\ \Phi_{12}^{14}\ \Phi_{8}^{12}\ \Phi_{6}^{13}\ \Phi_{4}^{13}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
22635	615	560	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}^2\ \Phi_{80}\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
22636	615	488	$\frac{1}{61}$	$\frac{1}{4}$	$\frac{20}{61}$	$\frac{3}{8}$	$\Phi_{488}^2\ \Phi_{61}^2\ \Phi_8^3\ \Phi_1^3$
22637	615	168	$\frac{1}{42}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^6\ \Phi_{84}^2\ \Phi_{56}^6\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}^6\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8^3\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
22638	615	384	$\frac{5}{128}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}\ \Phi_{96}^2\ \Phi_{64}\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
22639	615	186	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{10}{31}$	$\frac{21}{62}$	$\Phi_{186}^4\ \Phi_{93}^4\ \Phi_{62}\ \Phi_{31}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
22640	615	307	$\frac{4}{307}$	$\frac{101}{307}$	$\frac{102}{307}$	$\frac{103}{307}$	$\Phi_{307}^2\ \Phi_1^3$
22641	615	420	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{19}{60}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^3\ \Phi_{42}^2\ \Phi_{30}^3\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
22642	615	60	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{19}{60}$	$\Phi_{60}^9\ \Phi_{30}^9\ \Phi_{20}^{12}\ \Phi_{15}^9\ \Phi_{12}^{11}\ \Phi_{10}^{12}\ \Phi_6^{10}\ \Phi_5^{12}\ \Phi_4^{13}\ \Phi_3^{10}\ \Phi_2^{12}\ \Phi_1^{13}$
22643	615	308	$\frac{3}{44}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{308}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_7^2\ \Phi_1^3$
22644	615	315	$\frac{4}{45}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^3\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
22645	615	350	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{50}$	$\frac{2}{7}$	$\Phi_{350}^2\ \Phi_{175}^2\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_7^2\ \Phi_1^3$
22646	615	336	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{48}$	$\frac{2}{7}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{48}^3\ \Phi_{42}^2\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
22647	615	432	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{54}\ \Phi_{48}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
22648	615	132	$\frac{3}{44}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{132}^6\ \Phi_{66}^6\ \Phi_{44}^3\ \Phi_{33}^6\ \Phi_{22}^3\ \Phi_{12}^2\ \Phi_{11}^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
22649	615	480	$\frac{3}{40}$	$\frac{1}{6}$	$\frac{37}{160}$	$\frac{1}{4}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}\ \Phi_{96}^2\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
22650	615	180	$\frac{4}{45}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^5\ \Phi_{90}^2\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}^5\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_9^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^5\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
22651	615	300	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{50}$	$\frac{1}{4}$	$\Phi_{300}^4\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{50}\ \Phi_{25}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
22652	615	420	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
22653	615	48	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{48}^{15}\ \Phi_{24}^9\ \Phi_{16}^{15}\ \Phi_{12}^{11}\ \Phi_8^{12}\ \Phi_6^{10}\ \Phi_4^{13}\ \Phi_3^{10}\ \Phi_2^{12}\ \Phi_1^{13}$
22654	616	153	$\frac{1}{153}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{76}{153}$	$\Phi_{153}^4\ \Phi_{51}^4\ \Phi_{17}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
22655	616	123	$\frac{1}{123}$	$\frac{31}{123}$	$\frac{46}{123}$	$\frac{61}{123}$	$\Phi_{123}^5\ \Phi_{41}^5\ \Phi_3^5\ \Phi_1^6$
22656	616	309	$\frac{1}{103}$	$\frac{26}{103}$	$\frac{1}{3}$	$\frac{51}{103}$	$\Phi_{309}^3\ \Phi_3^2$
22657	616	305	$\frac{3}{305}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{151}{305}$	$\Phi_{305}^2\ \Phi_{61}^2\ \Phi_5^3\ \Phi_1^4$
22658	616	348	$\frac{1}{87}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{43}{87}$	$\Phi_{348}^3\ \Phi_{116}^3\ \Phi_{87}\ \Phi_{29}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
22659	616	261	$\frac{1}{87}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{43}{87}$	$\Phi_{261}^3\ \Phi_{87}\ \Phi_{29}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
22660	616	1064	$\frac{1}{76}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{75}{152}$	$\Phi_{1064}\ \Phi_{152}^2\ \Phi_{56}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
22661	616	2280	$\frac{1}{76}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{75}{152}$	$\Phi_{2280}\ \Phi_{120}\ \Phi_{15}$
22662	616	220	$\frac{1}{55}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{27}{55}$	$\Phi_{220}^5\ \Phi_{55}\ \Phi_{44}^5\ \Phi_{20}^6\ \Phi_{11}\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
22663	616	165	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{27}{55}$	$\Phi_{165}^5\ \Phi_{55}\ \Phi_{33}^5\ \Phi_{15}^6\ \Phi_{11}\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
22664	616	559	$\frac{1}{43}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{21}{43}$	$\Phi_{559}\ \Phi_{43}^2\ \Phi_{13}^2\ \Phi_1^4$
22665	616	1032	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{1032}\ \Phi_{516}\ \Phi_{258}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
22666	616	41	$\frac{1}{41}$	$\frac{3}{41}$	$\frac{19}{41}$	$\frac{20}{41}$	$\Phi_{41}^{15}\ \Phi_1^{16}$
22667	616	150	$\frac{2}{75}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{73}{150}$	$\Phi_{150}^8\ \Phi_{50}^8\ \Phi_{30}^8\ \Phi_{15}\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
22668	616	450	$\frac{2}{75}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{450}^3\ \Phi_{150}^2\ \Phi_{90}^3\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{18}^3\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
22669	616	150	$\frac{2}{75}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{73}{150}$	$\Phi_{150}^8\ \Phi_{50}^8\ \Phi_{30}^8\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
22670	616	465	$\frac{1}{31}$	$\frac{16}{93}$	$\frac{1}{5}$	$\frac{15}{31}$	$\Phi_{465}^2\ \Phi_{155}\ \Phi_{15}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
22671	616	712	$\frac{3}{89}$	$\frac{1}{8}$	$\frac{23}{89}$	$\frac{43}{89}$	$\Phi_{712}\ \Phi_{356}\ \Phi_{178}$
22672	616	189	$\frac{1}{27}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{13}{27}$	$\Phi_{189}^3\ \Phi_{63}^3\ \Phi_{27}^4\ \Phi_{21}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_3^5\ \Phi_1^6$
22673	616	108	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{108}^6\ \Phi_{54}^6\ \Phi_{36}^6\ \Phi_{27}^4\ \Phi_{18}^6\ \Phi_{12}^8\ \Phi_9^4\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
22674	616	378	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{13}{27}$	$\Phi_{378}^2\ \Phi_{189}\ \Phi_{126}^2\ \Phi_{63}\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^4\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
22675	616	615	$\frac{23}{615}$	$\frac{29}{615}$	$\frac{293}{615}$	$\frac{296}{615}$	$\Phi_{615}\ \Phi_{205}\ \Phi_{123}\ \Phi_{41}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
22676	616	936	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}\ \Phi_{39}\ \Phi_{24}\ \Phi_{18}\ \Phi_6$
22677	616	123	$\frac{5}{123}$	$\frac{13}{123}$	$\frac{32}{123}$	$\frac{59}{123}$	$\Phi_{123}^5\ \Phi_{41}^5\ \Phi_3^5\ \Phi_1^6$
22678	616	309	$\frac{13}{309}$	$\frac{23}{309}$	$\frac{1}{3}$	$\frac{148}{309}$	$\Phi_{309}^2\ \Phi_{103}^2\ \Phi_3\ \Phi_1^2$
22679	616	105	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{105}^6\ \Phi_{35}^6\ \Phi_{21}^4\ \Phi_{15}^8\ \Phi_7^4\ \Phi_5^8\ \Phi_3^5\ \Phi_1^6$
22680	616	63	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{10}{21}$	$\Phi_{63}^9\ \Phi_{21}^{10}\ \Phi_9^{12}\ \Phi_7^{10}\ \Phi_3^{13}\ \Phi_1^{14}$
22681	616	840	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
22682	616	228	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{228}^3\ \Phi_{114}^3\ \Phi_{76}^3\ \Phi_{57}^3\ \Phi_{38}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2$
22683	616	585	$\frac{31}{585}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{277}{585}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
22684	616	225	$\frac{4}{75}$	$\frac{1}{15}$	$\frac{71}{225}$	$\frac{7}{15}$	$\Phi_{225}^4\ \Phi_{45}^4\ \Phi_{15}\ \Phi_9^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
22685	616	15	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{15}^{41}\ \Phi_5^{41}\ \Phi_3^{41}\ \Phi_1^{42}$
22686	616	375	$\frac{1}{15}$	$\frac{8}{75}$	$\frac{67}{375}$	$\frac{7}{15}$	$\Phi_{375}^2\ \Phi_{125}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
22687	616	90	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{7}{15}$	$\Phi_{90}^8\ \Phi_{45}^8\ \Phi_{30}^8\ \Phi_{18}^8\ \Phi_{15}\ \Phi_{10}^8\ \Phi_9^8\ \Phi_6^8\ \Phi_5\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
22688	616	309	$\frac{5}{103}$	$\frac{7}{103}$	$\frac{1}{3}$	$\frac{48}{103}$	$\Phi_{309}^3\ \Phi_3^2$
22689	616	144	$\frac{5}{72}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{144}^8\ \Phi_{48}^8\ \Phi_{18}^3\ \Phi_{16}^8\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
22690	616	615	$\frac{43}{615}$	$\frac{47}{615}$	$\frac{142}{615}$	$\frac{286}{615}$	$\Phi_{615}\ \Phi_{205}\ \Phi_{123}\ \Phi_{41}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
22691	616	41	$\frac{2}{41}$	$\frac{3}{41}$	$\frac{13}{41}$	$\frac{19}{41}$	$\Phi_{41}^{15}\ \Phi_1^{16}$
22692	616	82	$\frac{5}{82}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{82}^8\ \Phi_{41}^7\ \Phi_2^8\ \Phi_1^8$
22693	616	897	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{897}\ \Phi_{69}^2$
22694	616	559	$\frac{3}{43}$	$\frac{1}{13}$	$\frac{10}{43}$	$\frac{6}{13}$	$\Phi_{559}\ \Phi_{43}^2\ \Phi_{13}^2\ \Phi_1^4$
22695	616	780	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2$
22696	616	712	$\frac{7}{89}$	$\frac{1}{8}$	$\frac{12}{89}$	$\frac{41}{89}$	$\Phi_{712}\ \Phi_{356}\ \Phi_{178}$
22697	616	615	$\frac{49}{615}$	$\frac{76}{615}$	$\frac{83}{615}$	$\frac{283}{615}$	$\Phi_{615}\ \Phi_{205}\ \Phi_{123}\ \Phi_{41}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
22698	616	155	$\frac{12}{155}$	$\frac{13}{155}$	$\frac{1}{5}$	$\frac{71}{155}$	$\Phi_{155}^4\ \Phi_{31}^4\ \Phi_5^3\ \Phi_1^4$
22699	616	615	$\frac{32}{615}$	$\frac{53}{615}$	$\frac{167}{615}$	$\frac{281}{615}$	$\Phi_{615}\ \Phi_{205}\ \Phi_{123}\ \Phi_{41}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
22700	616	309	$\frac{4}{103}$	$\frac{9}{103}$	$\frac{1}{3}$	$\frac{47}{103}$	$\Phi_{309}^3\ \Phi_3^2$
22701	616	1740	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1740}\ \Phi_{348}\ \Phi_{87}$
22702	616	220	$\frac{3}{55}$	$\frac{1}{10}$	$\frac{13}{55}$	$\frac{9}{20}$	$\Phi_{220}^5\ \Phi_{55}\ \Phi_{44}^5\ \Phi_{20}^6\ \Phi_{11}\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
22703	616	60	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{60}^{20}\ \Phi_{20}^{16}\ \Phi_{15}^4\ \Phi_{12}^{20}\ \Phi_5^3\ \Phi_4^{16}\ \Phi_3^4\ \Phi_1^4$
22704	616	660	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{33}$	$\frac{9}{20}$	$\Phi_{660}^2\ \Phi_{220}\ \Phi_{132}^2\ \Phi_{60}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
22705	616	220	$\frac{1}{10}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{9}{20}$	$\Phi_{220}^5\ \Phi_{55}\ \Phi_{44}^5\ \Phi_{20}^6\ \Phi_{11}\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
22706	616	360	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{360}^2\ \Phi_{180}\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^3\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
22707	616	667	$\frac{1}{23}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	Φ_{667}
22708	616	615	$\frac{31}{615}$	$\frac{67}{615}$	$\frac{146}{615}$	$\frac{274}{615}$	$\Phi_{615}\ \Phi_{205}\ \Phi_{123}\ \Phi_{41}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
22709	616	135	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{135}^{6}\,\Phi_{45}^{3}\,\Phi_{27}^{4}\,\Phi_{15}^{2}\,\Phi_{9}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
22710	616	228	$\frac{1}{12}$	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{25}{57}$	$\Phi_{228}^{3}\,\Phi_{114}^{3}\,\Phi_{76}^{3}\,\Phi_{57}^{2}\,\Phi_{38}^{3}\,\Phi_{19}^{2}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
22711	616	205	$\frac{16}{205}$	$\frac{27}{205}$	$\frac{29}{205}$	$\frac{89}{205}$	$\Phi_{205}^{3}\,\Phi_{41}^{3}\,\Phi_{5}^{3}\,\Phi_{1}^{4}$
22712	616	155	$\frac{8}{155}$	$\frac{21}{155}$	$\frac{1}{5}$	$\frac{67}{155}$	$\Phi_{155}^{4}\,\Phi_{31}^{4}\,\Phi_{5}^{3}\,\Phi_{1}^{4}$
22713	616	123	$\frac{4}{123}$	$\frac{17}{123}$	$\frac{35}{123}$	$\frac{53}{123}$	$\Phi_{123}^{5}\,\Phi_{41}^{5}\,\Phi_{3}^{5}\,\Phi_{1}^{6}$
22714	616	309	$\frac{8}{309}$	$\frac{43}{309}$	$\frac{1}{3}$	$\frac{133}{309}$	$\Phi_{309}^{2}\,\Phi_{103}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
22715	616	135	$\frac{1}{15}$	$\frac{19}{135}$	$\frac{7}{45}$	$\frac{58}{135}$	$\Phi_{135}^{4}\,\Phi_{45}^{6}\,\Phi_{27}^{4}\,\Phi_{15}^{5}\,\Phi_{9}^{6}\,\Phi_{5}^{5}\,\Phi_{3}^{5}\,\Phi_{1}^{6}$
22716	616	798	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{37}{114}$	$\frac{3}{7}$	$\Phi_{798}\,\Phi_{399}\,\Phi_{114}^{2}\,\Phi_{57}^{2}\,\Phi_{42}\,\Phi_{21}\,\Phi_{7}\,\Phi_{6}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
22717	616	560	$\frac{3}{80}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{560}\,\Phi_{280}\,\Phi_{140}\,\Phi_{112}\,\Phi_{80}^{2}\,\Phi_{70}\,\Phi_{56}\,\Phi_{40}^{2}\,\Phi_{35}\,\Phi_{20}^{2}\,\Phi_{16}^{2}\,\Phi_{10}^{2}\,\Phi_{8}^{2}\,\Phi_{7}\,\Phi_{5}^{2}\,\Phi_{1}^{2}$
22718	616	665	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{18}{95}$	$\frac{3}{7}$	$\Phi_{665}\,\Phi_{95}^{2}\,\Phi_{35}\,\Phi_{7}\,\Phi_{5}^{2}\,\Phi_{1}^{2}$
22719	616	266	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{266}^{2}\,\Phi_{133}^{2}\,\Phi_{38}^{4}\,\Phi_{19}^{4}\,\Phi_{14}^{2}\,\Phi_{7}^{3}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
22720	616	168	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{168}^{4}\,\Phi_{84}^{3}\,\Phi_{56}^{3}\,\Phi_{42}^{3}\,\Phi_{28}^{2}\,\Phi_{24}^{8}\,\Phi_{21}^{3}\,\Phi_{14}^{2}\,\Phi_{12}^{6}\,\Phi_{8}^{6}\,\Phi_{7}^{3}\,\Phi_{6}^{6}\,\Phi_{4}^{4}\,\Phi_{3}^{6}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
22721	616	90	$\frac{1}{15}$	$\frac{13}{90}$	$\frac{7}{45}$	$\frac{19}{45}$	$\Phi_{90}^{8}\,\Phi_{45}^{6}\,\Phi_{30}^{8}\,\Phi_{18}^{8}\,\Phi_{15}^{5}\,\Phi_{10}^{8}\,\Phi_{9}^{6}\,\Phi_{6}^{8}\,\Phi_{5}^{5}\,\Phi_{3}^{5}\,\Phi_{2}^{8}\,\Phi_{1}^{6}$
22722	616	180	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{180}^{6}\,\Phi_{60}^{6}\,\Phi_{45}^{2}\,\Phi_{36}^{6}\,\Phi_{20}^{6}\,\Phi_{15}^{2}\,\Phi_{12}^{4}\,\Phi_{9}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
22723	616	348	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{7}{29}$	$\frac{5}{12}$	$\Phi_{348}^{3}\,\Phi_{116}^{3}\,\Phi_{29}^{3}\,\Phi_{12}^{4}\,\Phi_{4}^{4}\,\Phi_{1}^{4}$
22724	616	1380	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1380}\,\Phi_{460}\,\Phi_{115}$
22725	616	348	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{348}^{3}\,\Phi_{116}^{3}\,\Phi_{87}\,\Phi_{29}\,\Phi_{12}^{4}\,\Phi_{4}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
22726	616	36	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{36}^{18}\,\Phi_{18}^{21}\,\Phi_{12}^{12}\,\Phi_{9}^{20}\,\Phi_{6}^{14}\,\Phi_{4}^{12}\,\Phi_{3}^{13}\,\Phi_{2}^{14}\,\Phi_{1}^{14}$
22727	616	82	$\frac{5}{82}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{82}^{8}\,\Phi_{41}^{7}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
22728	616	75	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{31}{75}$	$\Phi_{75}^{7}\,\Phi_{25}^{7}\,\Phi_{15}^{13}\,\Phi_{5}^{13}\,\Phi_{3}^{13}\,\Phi_{1}^{14}$
22729	616	1170	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{1170}\,\Phi_{390}\,\Phi_{234}\,\Phi_{117}\,\Phi_{90}\,\Phi_{78}\,\Phi_{39}\,\Phi_{30}\,\Phi_{18}\,\Phi_{6}$
22730	616	90	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{90}^{10}\,\Phi_{45}^{4}\,\Phi_{30}^{10}\,\Phi_{18}^{10}\,\Phi_{15}^{4}\,\Phi_{10}^{8}\,\Phi_{9}^{4}\,\Phi_{6}^{10}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{2}^{8}\,\Phi_{1}^{4}$
22731	616	80	$\frac{3}{80}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{80}^{8}\,\Phi_{40}^{8}\,\Phi_{20}^{8}\,\Phi_{16}^{8}\,\Phi_{10}^{8}\,\Phi_{8}^{8}\,\Phi_{5}^{3}\,\Phi_{4}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{4}$
22732	616	75	$\frac{1}{15}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{75}^{10}\,\Phi_{25}^{8}\,\Phi_{15}^{4}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
22733	616	615	$\frac{34}{615}$	$\frac{83}{615}$	$\frac{133}{615}$	$\frac{241}{615}$	$\Phi_{615}\,\Phi_{205}\,\Phi_{123}\,\Phi_{41}\,\Phi_{15}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$
22734	616	342	$\frac{1}{57}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{342}^{3}\,\Phi_{114}^{3}\,\Phi_{57}^{2}\,\Phi_{38}^{3}\,\Phi_{19}^{2}\,\Phi_{18}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
22735	616	90	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{90}^{12}\,\Phi_{45}^{3}\,\Phi_{30}^{12}\,\Phi_{18}^{8}\,\Phi_{15}^{2}\,\Phi_{10}^{12}\,\Phi_{9}^{2}\,\Phi_{6}^{8}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{2}^{8}\,\Phi_{1}^{2}$
22736	616	228	$\frac{1}{12}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{228}^{3}\,\Phi_{114}^{3}\,\Phi_{76}^{3}\,\Phi_{57}^{2}\,\Phi_{38}^{3}\,\Phi_{19}^{2}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
22737	616	205	$\frac{17}{205}$	$\frac{18}{205}$	$\frac{47}{205}$	$\frac{79}{205}$	$\Phi_{205}^{3}\,\Phi_{41}^{3}\,\Phi_{5}^{3}\,\Phi_{1}^{4}$
22738	616	712	$\frac{5}{89}$	$\frac{1}{8}$	$\frac{21}{89}$	$\frac{34}{89}$	$\Phi_{712}\,\Phi_{356}\,\Phi_{178}$
22739	616	620	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{15}{62}$	$\frac{47}{124}$	$\Phi_{620}^{2}\,\Phi_{155}\,\Phi_{20}^{2}$
22740	616	912	$\frac{1}{57}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{912}\,\Phi_{304}\,\Phi_{228}\,\Phi_{114}\,\Phi_{76}\,\Phi_{48}\,\Phi_{38}\,\Phi_{12}\,\Phi_{6}$
22741	616	123	$\frac{1}{41}$	$\frac{10}{41}$	$\frac{31}{123}$	$\frac{46}{123}$	$\Phi_{123}^{4}\,\Phi_{41}^{7}\,\Phi_{3}^{4}\,\Phi_{1}^{8}$
22742	616	465	$\frac{4}{155}$	$\frac{1}{5}$	$\frac{151}{465}$	$\frac{157}{465}$	$\Phi_{465}\,\Phi_{155}^{2}\,\Phi_{93}\,\Phi_{31}^{2}\,\Phi_{15}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$
22743	616	78	$\frac{1}{78}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{78}^{8}\,\Phi_{39}^{8}\,\Phi_{26}^{8}\,\Phi_{13}^{8}\,\Phi_{6}^{8}\,\Phi_{3}^{5}\,\Phi_{2}^{8}\,\Phi_{1}^{6}$
22744	616	459	$\frac{2}{153}$	$\frac{151}{459}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{459}^{2}\,\Phi_{27}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
22745	616	102	$\frac{1}{51}$	$\frac{25}{102}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{102}^{8}\,\Phi_{51}^{4}\,\Phi_{34}^{8}\,\Phi_{17}^{4}\,\Phi_{6}^{8}\,\Phi_{3}^{5}\,\Phi_{2}^{8}\,\Phi_{1}^{6}$
22746	616	45	$\frac{1}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{45}^{14}\,\Phi_{15}^{14}\,\Phi_{9}^{12}\,\Phi_{5}^{14}\,\Phi_{3}^{13}\,\Phi_{1}^{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
22747	616	51	$\frac{2}{51}$	$\frac{7}{51}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{51}^{12}\ \Phi_{17}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
22748	616	552	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{552}\ \Phi_{276}\ \Phi_{184}^{2}\ \Phi_{138}\ \Phi_{92}^{2}\ \Phi_{46}^{2}$
22749	616	81	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{81}^{8}\ \Phi_{27}^{8}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
22750	616	255	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{255}^{2}\ \Phi_{85}^{4}\ \Phi_{51}\ \Phi_{17}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
22751	616	153	$\frac{10}{153}$	$\frac{13}{153}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{153}^{4}\ \Phi_{51}^{4}\ \Phi_{17}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
22752	616	60	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{60}^{12}\ \Phi_{30}^{12}\ \Phi_{20}^{12}\ \Phi_{15}^{8}\ \Phi_{12}^{8}\ \Phi_{10}^{12}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
22753	616	261	$\frac{2}{87}$	$\frac{2}{9}$	$\frac{85}{261}$	$\frac{1}{3}$	$\Phi_{261}^{2}\ \Phi_{87}^{3}\ \Phi_{29}^{3}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
22754	616	570	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{37}{114}$	$\frac{1}{3}$	$\Phi_{570}\ \Phi_{285}\ \Phi_{190}^{2}\ \Phi_{95}^{2}\ \Phi_{30}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$
22755	616	324	$\frac{2}{27}$	$\frac{1}{12}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{324}^{3}\ \Phi_{162}^{3}\ \Phi_{81}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22756	616	315	$\frac{1}{15}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{315}^{3}\ \Phi_{63}^{2}\ \Phi_{45}^{3}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
22757	616	435	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{435}\ \Phi_{145}^{2}\ \Phi_{87}^{2}\ \Phi_{29}^{2}$
22758	616	309	$\frac{3}{103}$	$\frac{25}{103}$	$\frac{26}{103}$	$\frac{1}{3}$	$\Phi_{309}^{3}\ \Phi_{3}^{2}$
22759	616	240	$\frac{3}{80}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^{4}\ \Phi_{120}^{4}\ \Phi_{60}^{3}\ \Phi_{48}^{4}\ \Phi_{30}^{3}\ \Phi_{24}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}$
22760	616	261	$\frac{1}{29}$	$\frac{2}{9}$	$\frac{7}{29}$	$\frac{1}{3}$	$\Phi_{261}^{3}\ \Phi_{29}^{3}\ \Phi_{9}^{4}\ \Phi_{1}^{4}$
22761	616	1032	$\frac{3}{43}$	$\frac{1}{8}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{1032}\ \Phi_{516}\ \Phi_{258}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
22762	616	309	$\frac{25}{309}$	$\frac{34}{309}$	$\frac{71}{309}$	$\frac{1}{3}$	$\Phi_{309}^{2}\ \Phi_{103}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
22763	616	1035	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1035}\ \Phi_{115}$
22764	616	261	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{261}^{3}\ \Phi_{87}\ \Phi_{29}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
22765	616	36	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{36}^{18}\ \Phi_{18}^{18}\ \Phi_{12}^{20}\ \Phi_{9}^{12}\ \Phi_{6}^{20}\ \Phi_{4}^{20}\ \Phi_{3}^{13}\ \Phi_{2}^{20}\ \Phi_{1}^{14}$
22766	616	309	$\frac{22}{309}$	$\frac{41}{309}$	$\frac{67}{309}$	$\frac{1}{3}$	$\Phi_{309}^{2}\ \Phi_{103}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
22767	616	210	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{210}^{4}\ \Phi_{105}^{2}\ \Phi_{70}^{4}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{4}\ \Phi_{21}\ \Phi_{15}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
22768	616	285	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{285}^{3}\ \Phi_{57}^{4}\ \Phi_{15}^{4}\ \Phi_{3}^{4}$
22769	616	570	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{570}^{2}\ \Phi_{285}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{3}$
22770	616	120	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{120}^{7}\ \Phi_{60}^{5}\ \Phi_{40}^{8}\ \Phi_{30}^{5}\ \Phi_{20}^{6}\ \Phi_{15}^{6}\ \Phi_{10}^{6}\ \Phi_{5}^{6}$
22771	616	90	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{90}^{8}\ \Phi_{45}^{5}\ \Phi_{30}^{8}\ \Phi_{18}^{8}\ \Phi_{15}^{6}\ \Phi_{10}^{8}\ \Phi_{9}^{7}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
22772	616	165	$\frac{2}{55}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{53}{165}$	$\Phi_{165}^{3}\ \Phi_{55}^{5}\ \Phi_{33}^{3}\ \Phi_{15}^{4}\ \Phi_{11}^{5}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
22773	616	225	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{71}{225}$	$\Phi_{225}^{4}\ \Phi_{45}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
22774	616	108	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{108}^{8}\ \Phi_{54}^{8}\ \Phi_{27}^{8}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22775	616	405	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{97}{405}$	$\frac{38}{135}$	$\Phi_{405}^{2}\ \Phi_{81}^{2}\ \Phi_{45}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
22776	616	90	$\frac{1}{9}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{90}^{8}\ \Phi_{45}^{8}\ \Phi_{30}^{8}\ \Phi_{18}^{3}\ \Phi_{15}^{8}\ \Phi_{10}^{8}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{8}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
22777	616	165	$\frac{3}{55}$	$\frac{1}{5}$	$\frac{13}{55}$	$\frac{4}{15}$	$\Phi_{165}^{5}\ \Phi_{55}\ \Phi_{33}^{5}\ \Phi_{15}^{6}\ \Phi_{11}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
22778	616	15	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{15}^{40}\ \Phi_{5}^{43}\ \Phi_{3}^{40}\ \Phi_{1}^{44}$
22779	616	165	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{165}^{3}\ \Phi_{55}^{4}\ \Phi_{33}^{5}\ \Phi_{15}^{4}\ \Phi_{11}^{5}\ \Phi_{5}^{4}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
22780	616	165	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{165}^{5}\ \Phi_{55}\ \Phi_{33}^{5}\ \Phi_{15}^{6}\ \Phi_{11}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
22781	616	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{120}\ \Phi_{90}^{2}\ \Phi_{72}^{3}\ \Phi_{60}\ \Phi_{40}^{2}\ \Phi_{36}^{3}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
22782	616	228	$\frac{1}{12}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{228}^{3}\ \Phi_{114}^{3}\ \Phi_{76}^{3}\ \Phi_{57}^{3}\ \Phi_{38}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
22783	616	205	$\frac{9}{205}$	$\frac{49}{205}$	$\frac{51}{205}$	$\frac{52}{205}$	$\Phi_{205}^{3}\ \Phi_{41}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
22784	616	100	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{23}{100}$	$\Phi_{100}^{8}\ \Phi_{50}^{8}\ \Phi_{20}^{8}\ \Phi_{10}^{8}\ \Phi_{5}^{3}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
22785	616	126	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{9}$	$\Phi_{126}^6\ \Phi_{63}^3\ \Phi_{42}^6\ \Phi_{21}^3\ \Phi_{18}^6\ \Phi_{14}^8\ \Phi_9^6\ \Phi_7^4\ \Phi_6^6\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
22786	616	41	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{8}{41}$	$\frac{9}{41}$	$\Phi_{41}^{15}\ \Phi_1^{16}$
22787	616	280	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{280}^3\ \Phi_{140}^3\ \Phi_{70}\ \Phi_{40}^4\ \Phi_{35}^2\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2$
22788	616	288	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
22789	616	25	$\frac{3}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{25}^{24}\ \Phi_5^{27}\ \Phi_1^{28}$
22790	616	90	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{90}^8\ \Phi_{45}^8\ \Phi_{30}^8\ \Phi_{18}^8\ \Phi_{10}^8\ \Phi_9^8\ \Phi_6^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
22791	617	1056	$\frac{1}{88}$	$\frac{89}{528}$	$\frac{439}{1056}$	$\frac{87}{176}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{176}\ \Phi_{96}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
22792	617	1216	$\frac{9}{608}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{599}{1216}$	$\Phi_{1216}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
22793	617	1120	$\frac{1}{56}$	$\frac{57}{560}$	$\frac{503}{1120}$	$\frac{55}{112}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
22794	617	744	$\frac{3}{124}$	$\frac{127}{744}$	$\frac{1}{4}$	$\frac{121}{248}$	$\Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
22795	617	1200	$\frac{17}{600}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{583}{1200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{80}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
22796	617	1200	$\frac{17}{600}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{583}{1200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{80}\ \Phi_{48}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
22797	617	832	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{215}{832}$	$\frac{201}{416}$	$\Phi_{832}\ \Phi_{208}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
22798	617	1188	$\frac{23}{594}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{571}{1188}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{132}\ \Phi_{108}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
22799	617	836	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{219}{836}$	$\frac{199}{418}$	$\Phi_{836}\ \Phi_{209}\ \Phi_{76}\ \Phi_{44}\ \Phi_{19}\ \Phi_4\ \Phi_1$
22800	617	1176	$\frac{29}{588}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{559}{1176}$	$\Phi_{1176}\ \Phi_{392}\ \Phi_{168}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
22801	617	840	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{223}{840}$	$\frac{197}{420}$	$\Phi_{840}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
22802	617	1152	$\frac{41}{576}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{535}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
22803	617	1120	$\frac{1}{14}$	$\frac{57}{560}$	$\frac{13}{70}$	$\frac{503}{1120}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{70}\ \Phi_{35}\ \Phi_{32}\ \Phi_{10}\ \Phi_5\ \Phi_1$
22804	617	756	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{139}{756}$	$\frac{113}{252}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
22805	617	912	$\frac{9}{304}$	$\frac{1}{8}$	$\frac{295}{912}$	$\frac{7}{16}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
22806	617	640	$\frac{23}{640}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
22807	617	672	$\frac{55}{672}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
22808	617	640	$\frac{23}{640}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
22809	617	1056	$\frac{1}{44}$	$\frac{89}{528}$	$\frac{43}{132}$	$\frac{439}{1056}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{33}\ \Phi_{32}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
22810	617	700	$\frac{1}{14}$	$\frac{83}{700}$	$\frac{13}{70}$	$\frac{57}{140}$	$\Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{100}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{25}\ \Phi_{10}\ \Phi_5\ \Phi_1$
22811	617	1040	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{97}{520}$	$\frac{423}{1040}$	$\Phi_{1040}\ \Phi_{208}\ \Phi_{104}\ \Phi_{80}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
22812	617	880	$\frac{1}{44}$	$\frac{43}{220}$	$\frac{263}{880}$	$\frac{177}{440}$	$\Phi_{880}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
22813	617	1008	$\frac{1}{56}$	$\frac{113}{504}$	$\frac{55}{168}$	$\frac{391}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
22814	617	1008	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{113}{504}$	$\frac{391}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
22815	617	992	$\frac{3}{124}$	$\frac{121}{496}$	$\frac{1}{4}$	$\frac{375}{992}$	$\Phi_{992}\ \Phi_{124}\ \Phi_{62}\ \Phi_{32}\ \Phi_{31}\ \Phi_1$
22816	617	896	$\frac{1}{56}$	$\frac{55}{224}$	$\frac{279}{896}$	$\frac{169}{448}$	$\Phi_{896}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
22817	617	660	$\frac{43}{660}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
22818	617	672	$\frac{1}{14}$	$\frac{55}{672}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
22819	617	792	$\frac{1}{44}$	$\frac{175}{792}$	$\frac{43}{132}$	$\frac{89}{264}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{72}\ \Phi_{66}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
22820	617	924	$\frac{1}{77}$	$\frac{76}{231}$	$\frac{307}{924}$	$\frac{155}{462}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{231}\ \Phi_{132}\ \Phi_{84}\ \Phi_{44}\ \Phi_{33}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
22821	617	900	$\frac{17}{300}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{283}{900}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{225}\ \Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
22822	617	882	$\frac{1}{14}$	$\frac{29}{294}$	$\frac{265}{882}$	$\frac{13}{42}$	$\Phi_{882}\ \Phi_{441}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
22823	617	891	$\frac{23}{297}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{274}{891}$	$\Phi_{891}\ \Phi_{81}\ \Phi_{33}\ \Phi_3\ \Phi_1$
22824	617	693	$\frac{1}{11}$	$\frac{76}{693}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{77}\ \Phi_{63}\ \Phi_{33}\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1$
22825	617	792	$\frac{1}{11}$	$\frac{23}{198}$	$\frac{175}{792}$	$\frac{10}{33}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
22826	617	720	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{103}{720}$	$\frac{7}{24}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
22827	617	864	$\frac{1}{8}$	$\frac{41}{288}$	$\frac{7}{48}$	$\frac{247}{864}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
22828	617	720	$\frac{1}{8}$	$\frac{103}{720}$	$\frac{7}{48}$	$\frac{41}{144}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
22829	617	660	$\frac{43}{660}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
22830	617	840	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{57}{280}$	$\frac{223}{840}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
22831	617	800	$\frac{17}{200}$	$\frac{3}{20}$	$\frac{183}{800}$	$\frac{1}{4}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{160}\ \Phi_{80}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
22832	617	700	$\frac{83}{700}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
22833	617	720	$\frac{17}{120}$	$\frac{103}{720}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
22834	617	768	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{151}{768}$	$\frac{41}{192}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
22835	618	1020	$\frac{1}{102}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{101}{204}$	$\Phi_{1020}\ \Phi_{340}\ \Phi_{204}^2\ \Phi_{68}^2\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
22836	618	204	$\frac{1}{102}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{101}{204}$	$\Phi_{204}^2\ \Phi_{102}^4\ \Phi_{68}^2\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_{12}^3\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
22837	618	1830	$\frac{4}{305}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{301}{610}$	$\Phi_{1830}\ \Phi_{366}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
22838	618	276	$\frac{1}{69}$	$\frac{1}{4}$	$\frac{35}{138}$	$\frac{34}{69}$	$\Phi_{276}^3\ \Phi_{138}\ \Phi_{92}^3\ \Phi_{69}^2\ \Phi_{46}\ \Phi_{23}^2\ \Phi_{12}^3\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
22839	618	372	$\frac{1}{62}$	$\frac{21}{124}$	$\frac{1}{3}$	$\frac{61}{124}$	$\Phi_{372}^2\ \Phi_{186}^3\ \Phi_{93}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
22840	618	600	$\frac{3}{100}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{97}{200}$	$\Phi_{600}^3\ \Phi_{120}^3\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{15}\ \Phi_6$
22841	618	1400	$\frac{3}{100}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{97}{200}$	$\Phi_{1400}\ \Phi_{280}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
22842	618	396	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{95}{198}$	$\Phi_{396}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{44}^2\ \Phi_{36}^3\ \Phi_{33}^2\ \Phi_{18}\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
22843	618	460	$\frac{1}{23}$	$\frac{12}{115}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{460}^2\ \Phi_{230}^2\ \Phi_{92}\ \Phi_{46}\ \Phi_{20}^2\ \Phi_{10}^2$
22844	618	1344	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{89}{192}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
22845	618	960	$\frac{11}{320}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
22846	618	186	$\frac{1}{31}$	$\frac{10}{93}$	$\frac{1}{3}$	$\frac{83}{186}$	$\Phi_{186}^6\ \Phi_{93}\ \Phi_{62}^6\ \Phi_6^6\ \Phi_2^6$
22847	618	108	$\frac{5}{108}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{108}^6\ \Phi_{54}^6\ \Phi_{36}^5\ \Phi_{27}^6\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^6\ \Phi_6^5\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
22848	618	184	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{1}{4}$	$\frac{81}{184}$	$\Phi_{184}^6\ \Phi_{92}\ \Phi_{46}\ \Phi_8^6$
22849	618	112	$\frac{9}{112}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{112}^5\ \Phi_{56}^6\ \Phi_{28}^6\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
22850	618	182	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{7}$	$\frac{79}{182}$	$\Phi_{182}^6\ \Phi_{91}\ \Phi_{26}^6\ \Phi_{14}^6\ \Phi_2^6$
22851	618	105	$\frac{2}{105}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{105}^6\ \Phi_{35}^6\ \Phi_{21}^6\ \Phi_{15}^5\ \Phi_7^6\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
22852	618	765	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{50}{153}$	$\frac{2}{5}$	$\Phi_{765}\ \Phi_{153}^2\ \Phi_{45}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
22853	618	680	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{33}{136}$	$\frac{2}{5}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{40}\ \Phi_{20}\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
22854	618	540	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}^2\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
22855	618	595	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{595}\ \Phi_{119}^2\ \Phi_{35}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
22856	618	1488	$\frac{1}{62}$	$\frac{61}{248}$	$\frac{1}{3}$	$\frac{187}{496}$	$\Phi_{1488}\ \Phi_{186}\ \Phi_{93}\ \Phi_{48}\ \Phi_6$
22857	618	1092	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{25}{78}$	$\frac{53}{156}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{182}\ \Phi_{91}\ \Phi_{84}\ \Phi_{28}\ \Phi_{14}$
22858	618	420	$\frac{2}{105}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
22859	618	612	$\frac{1}{51}$	$\frac{1}{4}$	$\frac{50}{153}$	$\frac{1}{3}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
22860	618	372	$\frac{1}{31}$	$\frac{21}{124}$	$\frac{10}{31}$	$\frac{1}{3}$	$\Phi_{372}^3\ \Phi_{186}^3\ \Phi_{93}\ \Phi_{12}^3\ \Phi_6^3$
22861	618	150	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{47}{150}$	$\frac{1}{3}$	$\Phi_{150}^3\ \Phi_{75}^3\ \Phi_{50}^6\ \Phi_{30}^4\ \Phi_{25}^6\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_6^4\ \Phi_5^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
22862	618	330	$\frac{7}{110}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{330}^3\ \Phi_{165}^3\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
22863	618	408	$\frac{1}{34}$	$\frac{33}{136}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{408}^3\ \Phi_{204}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
22864	618	1020	$\frac{2}{51}$	$\frac{49}{255}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{170}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
22865	618	108	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{108}^6\ \Phi_{54}^6\ \Phi_{36}^6\ \Phi_{27}^6\ \Phi_{18}^6\ \Phi_{12}^3\ \Phi_9^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
22866	618	1428	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}\ \Phi_6$
22867	618	1200	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{400}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{240}\ \Phi_{120}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
22868	618	1050	$\frac{1}{10}$	$\frac{41}{350}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{210}\ \Phi_{105}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
22869	618	120	$\frac{1}{10}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{3}$	$\Phi_{120}^6\ \Phi_{60}^3\ \Phi_{40}^6\ \Phi_{30}^4\ \Phi_{24}^6\ \Phi_{20}^6\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^6\ \Phi_8^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
22870	618	1188	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{91}{297}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
22871	618	840	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
22872	618	1008	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{48}$	$\frac{41}{144}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{63}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
22873	618	276	$\frac{1}{23}$	$\frac{11}{46}$	$\frac{1}{4}$	$\frac{35}{138}$	$\Phi_{276}^4\ \Phi_{138}^2\ \Phi_{92}\ \Phi_{69}^2\ \Phi_{46}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
22874	618	840	$\frac{17}{120}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
22875	618	896	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{25}{128}$	$\frac{7}{32}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
22876	619	828	$\frac{2}{207}$	$\frac{209}{828}$	$\frac{1}{3}$	$\frac{205}{414}$	$\Phi_{828}\ \Phi_{276}\ \Phi_{207}\ \Phi_{92}\ \Phi_{69}\ \Phi_{36}\ \Phi_{23}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
22877	619	1224	$\frac{7}{612}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{605}{1224}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{136}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
22878	619	1224	$\frac{7}{612}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{605}{1224}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{136}\ \Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
22879	619	690	$\frac{2}{69}$	$\frac{71}{690}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{115}\ \Phi_{69}\ \Phi_{30}\ \Phi_{23}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
22880	619	1200	$\frac{19}{600}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{581}{1200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{80}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
22881	619	1188	$\frac{25}{594}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{569}{1188}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{132}\ \Phi_{108}\ \Phi_{44}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
22882	619	648	$\frac{29}{648}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
22883	619	1152	$\frac{43}{576}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{533}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
22884	619	672	$\frac{53}{672}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
22885	619	1104	$\frac{2}{69}$	$\frac{67}{552}$	$\frac{1}{3}$	$\frac{485}{1104}$	$\Phi_{1104}\ \Phi_{368}\ \Phi_{69}\ \Phi_{48}\ \Phi_{23}\ \Phi_{16}\ \Phi_1$
22886	619	1092	$\frac{5}{78}$	$\frac{73}{546}$	$\frac{1}{6}$	$\frac{473}{1092}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{28}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
22887	619	816	$\frac{7}{204}$	$\frac{1}{6}$	$\frac{197}{816}$	$\frac{5}{12}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{136}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
22888	619	648	$\frac{29}{648}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
22889	619	630	$\frac{11}{630}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_1$
22890	619	936	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{151}{468}$	$\frac{317}{936}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
22891	619	918	$\frac{7}{306}$	$\frac{2}{9}$	$\frac{299}{918}$	$\frac{1}{3}$	$\Phi_{918}\ \Phi_{459}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
22892	619	891	$\frac{2}{27}$	$\frac{25}{297}$	$\frac{272}{891}$	$\frac{1}{3}$	$\Phi_{891}\ \Phi_{81}\ \Phi_{27}\ \Phi_9\ \Phi_1$
22893	619	828	$\frac{2}{69}$	$\frac{67}{276}$	$\frac{209}{828}$	$\frac{1}{3}$	$\Phi_{828}\ \Phi_{414}\ \Phi_{207}\ \Phi_{69}\ \Phi_{36}\ \Phi_{23}\ \Phi_{18}\ \Phi_9\ \Phi_1$
22894	619	648	$\frac{29}{648}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
22895	619	765	$\frac{7}{153}$	$\frac{146}{765}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{85}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
22896	619	720	$\frac{5}{48}$	$\frac{101}{720}$	$\frac{1}{6}$	$\frac{43}{144}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
22897	619	864	$\frac{5}{48}$	$\frac{43}{288}$	$\frac{1}{6}$	$\frac{245}{864}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
22898	619	768	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{149}{768}$	$\frac{43}{192}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
22899	619	720	$\frac{101}{720}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
22900	620	924	$\frac{1}{154}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{153}{308}$	$\Phi_{924}\ \Phi_{308}^2\ \Phi_{132}\ \Phi_{84}\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
22901	620	984	$\frac{1}{123}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{61}{123}$	$\Phi_{984}\ \Phi_{328}\ \Phi_{123}\ \Phi_{41}\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
22902	620	1530	$\frac{2}{153}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{151}{306}$	$\Phi_{1530}\ \Phi_{510}\ \Phi_{170}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
22903	620	549	$\frac{1}{61}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{30}{61}$	$\Phi_{549}\ \Phi_{183}\ \Phi_{61}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
22904	620	366	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{30}{61}$	$\Phi_{366}^2\ \Phi_{183}\ \Phi_{122}^2\ \Phi_{61}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
22905	620	619	$\frac{11}{619}$	$\frac{63}{619}$	$\frac{278}{619}$	$\frac{304}{619}$	$\Phi_{619}\ \Phi_1^2$
22906	620	1040	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{53}{208}$	$\frac{51}{104}$	$\Phi_{1040}\ \Phi_{260}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{20}\ \Phi_{10}$
22907	620	1520	$\frac{3}{152}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{149}{304}$	$\Phi_{1520}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
22908	620	750	$\frac{3}{125}$	$\frac{1}{6}$	$\frac{32}{125}$	$\frac{61}{125}$	$\Phi_{750}\ \Phi_{375}\ \Phi_{250}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
22909	620	619	$\frac{17}{619}$	$\frac{92}{619}$	$\frac{159}{619}$	$\frac{301}{619}$	$\Phi_{619}\ \Phi_1^2$
22910	620	933	$\frac{9}{311}$	$\frac{32}{311}$	$\frac{1}{3}$	$\frac{151}{311}$	Φ_{933}
22911	620	1140	$\frac{1}{30}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{29}{60}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{228}\ \Phi_{76}\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
22912	620	660	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{660}^2\ \Phi_{220}^2\ \Phi_{132}^2\ \Phi_{44}^2\ \Phi_{33}$
22913	620	1140	$\frac{1}{30}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{29}{60}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{228}\ \Phi_{76}\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
22914	620	60	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{29}{60}$	$\Phi_{60}^{20}\ \Phi_{30}\ \Phi_{20}^{20}\ \Phi_{15}\ \Phi_{12}^{20}\ \Phi_{10}\ \Phi_4^{20}$
22915	620	150	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{13}{75}$	$\frac{12}{25}$	$\Phi_{150}^5\ \Phi_{75}^3\ \Phi_{50}^5\ \Phi_{30}^5\ \Phi_{25}^4\ \Phi_{15}^3\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
22916	620	462	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{462}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{33}\ \Phi_{22}^2$
22917	620	627	$\frac{1}{19}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{627}\ \Phi_{209}\ \Phi_{33}^2\ \Phi_{19}\ \Phi_{11}^2\ \Phi_1^2$
22918	620	855	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{9}{19}$	$\Phi_{855}\ \Phi_{171}\ \Phi_{45}^2\ \Phi_{19}\ \Phi_9^2\ \Phi_1^2$
22919	620	760	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{9}{19}$	$\Phi_{760}\ \Phi_{380}\ \Phi_{152}\ \Phi_{76}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
22920	620	665	$\frac{1}{19}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{665}\ \Phi_{133}\ \Phi_{35}^2\ \Phi_{19}\ \Phi_7^2\ \Phi_1^2$
22921	620	684	$\frac{1}{19}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{76}\ \Phi_{36}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_4^2\ \Phi_1^2$
22922	620	1440	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{133}{288}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{160}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
22923	620	840	$\frac{13}{168}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
22924	620	1430	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{5}$	$\frac{131}{286}$	$\Phi_{1430}\ \Phi_{130}\ \Phi_{110}\ \Phi_{65}\ \Phi_{10}$
22925	620	168	$\frac{1}{21}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{168}^7\ \Phi_{84}\ \Phi_{56}^6\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}^7\ \Phi_{14}\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
22926	620	616	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{616}^2\ \Phi_{88}^2\ \Phi_{77}$
22927	620	288	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^3\ \Phi_{72}^2\ \Phi_{48}^3\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
22928	620	396	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
22929	620	224	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{224}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{32}^2\ \Phi_{28}^3\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
22930	620	385	$\frac{1}{11}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{385}^2\ \Phi_{77}\ \Phi_{55}^2$
22931	620	594	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{594}^2\ \Phi_{198}^2\ \Phi_{99}\ \Phi_{66}^2\ \Phi_{33}\ \Phi_{22}^2$
22932	620	260	$\frac{1}{26}$	$\frac{5}{26}$	$\frac{1}{5}$	$\frac{21}{52}$	$\Phi_{260}^5\ \Phi_{130}\ \Phi_{65}\ \Phi_{20}^5\ \Phi_{10}$
22933	620	619	$\frac{14}{619}$	$\frac{121}{619}$	$\frac{185}{619}$	$\frac{249}{619}$	$\Phi_{619}\ \Phi_1^2$
22934	620	933	$\frac{6}{311}$	$\frac{61}{311}$	$\frac{1}{3}$	$\frac{125}{311}$	Φ_{933}
22935	620	390	$\frac{3}{65}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{30}\ \Phi_{26}^2\ \Phi_{15}\ \Phi_{10}$
22936	620	150	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{6}{25}$	$\frac{19}{50}$	$\Phi_{150}^5\ \Phi_{75}^5\ \Phi_{50}\ \Phi_{30}^5\ \Phi_{25}^4\ \Phi_{15}^5\ \Phi_{10}\ \Phi_6^4\ \Phi_5^4\ \Phi_3^4\ \Phi_1^4$
22937	620	504	$\frac{1}{63}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{504}^2\ \Phi_{168}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
22938	620	328	$\frac{1}{41}$	$\frac{10}{41}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{328}^3\ \Phi_{41}^3\ \Phi_8^4\ \Phi_1^4$
22939	620	160	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{160}^5\ \Phi_{80}^5\ \Phi_{40}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^4$
22940	620	336	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{336}^3\ \Phi_{168}\ \Phi_{112}^3\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
22941	620	1170	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{38}{117}$	$\frac{79}{234}$	$\Phi_{1170}\ \Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{90}\ \Phi_{65}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
22942	620	231	$\frac{1}{77}$	$\frac{76}{231}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}^3\ \Phi_{77}^2\ \Phi_{33}^3\ \Phi_{21}^3\ \Phi_{11}^2\ \Phi_7^2\ \Phi_3^4\ \Phi_1^4$
22943	620	231	$\frac{2}{77}$	$\frac{15}{77}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}^2\ \Phi_{77}^4\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{11}^4\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
22944	620	96	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{96}^7\ \Phi_{48}^7\ \Phi_{32}^6\ \Phi_{24}^7\ \Phi_{16}^6\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
22945	620	483	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{483}\ \Phi_{161}^2\ \Phi_{69}\ \Phi_{23}^2\ \Phi_3\ \Phi_1^2$
22946	620	528	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
22947	620	33	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{33}^{19}\ \Phi_{11}^{18}\ \Phi_3^{20}\ \Phi_1^{20}$
22948	620	168	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{168}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{42}^3\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_8^4\ \Phi_7^2\ \Phi_6^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
22949	620	495	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{99}^2\ \Phi_{33}$
22950	620	864	$\frac{1}{32}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
22951	620	1020	$\frac{2}{51}$	$\frac{1}{5}$	$\frac{49}{204}$	$\frac{1}{3}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{170}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
22952	620	1320	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{264}\ \Phi_{132}\ \Phi_{33}$
22953	620	810	$\frac{7}{162}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
22954	620	627	$\frac{2}{33}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{627}\ \Phi_{209}\ \Phi_{33}^2\ \Phi_{19}\ \Phi_{11}^2\ \Phi_1^2$
22955	620	330	$\frac{2}{33}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{330}^3\ \Phi_{165}^2\ \Phi_{110}^3\ \Phi_{55}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
22956	620	1155	$\frac{1}{11}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{33}$
22957	620	825	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{33}$
22958	620	396	$\frac{1}{11}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{44}^2\ \Phi_{33}$
22959	620	1140	$\frac{3}{76}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{73}{228}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{285}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
22960	620	855	$\frac{1}{15}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{14}{45}$	$\Phi_{855}\ \Phi_{171}\ \Phi_{45}^2\ \Phi_{19}\ \Phi_9^2\ \Phi_1^2$
22961	620	90	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{14}{45}$	$\Phi_{90}^{12}\ \Phi_{45}^8\ \Phi_{30}\ \Phi_{18}^{12}\ \Phi_{15}\ \Phi_{10}\ \Phi_9^8$
22962	620	180	$\frac{1}{12}$	$\frac{5}{36}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^5\ \Phi_{45}^4\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_5^4$
22963	620	891	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{891}\ \Phi_{99}\ \Phi_{33}$
22964	620	1080	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{5}$	$\frac{61}{216}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
22965	620	270	$\frac{11}{135}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{270}^3\ \Phi_{135}^2\ \Phi_{90}^3\ \Phi_{54}^3\ \Phi_{45}^2\ \Phi_{30}\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{10}\ \Phi_9^2$
22966	620	462	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{33}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
22967	620	960	$\frac{1}{12}$	$\frac{37}{192}$	$\frac{1}{5}$	$\frac{11}{48}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{160}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
22968	620	760	$\frac{1}{10}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{9}{40}$	$\Phi_{760}\ \Phi_{380}\ \Phi_{152}\ \Phi_{76}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
22969	620	120	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{9}{40}$	$\Phi_{120}^8\ \Phi_{60}^8\ \Phi_{40}^4\ \Phi_{30}\ \Phi_{24}^8\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^8\ \Phi_{10}\ \Phi_8^4\ \Phi_4^4$
22970	620	665	$\frac{4}{35}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{665}\ \Phi_{133}\ \Phi_{35}^2\ \Phi_{19}\ \Phi_7^2\ \Phi_1^2$
22971	620	684	$\frac{5}{36}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{76}\ \Phi_{36}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_4^2\ \Phi_1^2$
22972	620	210	$\frac{4}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{30}\ \Phi_{21}^4\ \Phi_{15}\ \Phi_{14}^4\ \Phi_{10}$
22973	620	150	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{13}{75}$	$\frac{1}{5}$	$\Phi_{150}^6\ \Phi_{75}^4\ \Phi_{50}^6\ \Phi_{30}\ \Phi_{25}^4\ \Phi_{15}\ \Phi_{10}$
22974	620	180	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{180}^5\ \Phi_{90}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{30}\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{10}$
22975	621	992	$\frac{1}{124}$	$\frac{125}{496}$	$\frac{371}{992}$	$\frac{123}{248}$	$\Phi_{992}\ \Phi_{248}\ \Phi_{32}\ \Phi_8\ \Phi_1$
22976	621	1232	$\frac{5}{616}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{611}{1232}$	$\Phi_{1232}\ \Phi_{176}\ \Phi_{112}\ \Phi_{16}\ \Phi_8\ \Phi_1$
22977	621	832	$\frac{3}{208}$	$\frac{1}{4}$	$\frac{211}{832}$	$\frac{205}{416}$	$\Phi_{832}\ \Phi_{208}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_1$
22978	621	272	$\frac{1}{68}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{67}{136}$	$\Phi_{272}^4\ \Phi_{136}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
22979	621	136	$\frac{1}{68}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{67}{136}$	$\Phi_{136}^9\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
22980	621	1216	$\frac{13}{608}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{595}{1216}$	$\Phi_{1216}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
22981	621	250	$\frac{4}{125}$	$\frac{43}{250}$	$\frac{1}{5}$	$\frac{121}{250}$	$\Phi_{250}^2\ \Phi_{125}^3\ \Phi_{50}^2\ \Phi_{25}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
22982	621	400	$\frac{7}{200}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{193}{400}$	$\Phi_{400}^3\ \Phi_{80}^3\ \Phi_{40}\ \Phi_{16}^3\ \Phi_8\ \Phi_1$
22983	621	400	$\frac{7}{200}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{193}{400}$	$\Phi_{400}^3\ \Phi_{80}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
22984	621	400	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{193}{400}$	$\Phi_{400}^3\ \Phi_{80}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
22985	621	400	$\frac{7}{200}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{193}{400}$	$\Phi_{400}^3\ \Phi_{80}^3\ \Phi_{25}\ \Phi_{16}^3\ \Phi_1$
22986	621	572	$\frac{1}{26}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{25}{52}$	$\Phi_{286}^2\ \Phi_{143}^2\ \Phi_{52}\ \Phi_{44}\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
22987	621	1716	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{25}{52}$	$\Phi_{1716}\ \Phi_{156}\ \Phi_{132}\ \Phi_{52}\ \Phi_{33}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
22988	621	280	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{73}{280}$	$\frac{67}{140}$	$\Phi_{280}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
22989	621	572	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{21}{44}$	$\Phi_{572}^2\ \Phi_{52}^2\ \Phi_{44}^3\ \Phi_{13}^2\ \Phi_4^3\ \Phi_1^3$
22990	621	220	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{220}^2\ \Phi_{110}^4\ \Phi_{55}^4\ \Phi_{44}\ \Phi_{22}^2\ \Phi_{20}^4\ \Phi_{11}^2\ \Phi_{10}^5\ \Phi_5^5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
22991	621	800	$\frac{1}{20}$	$\frac{21}{200}$	$\frac{179}{800}$	$\frac{19}{40}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
22992	621	80	$\frac{1}{20}$	$\frac{11}{80}$	$\frac{7}{40}$	$\frac{19}{40}$	$\Phi_{80}^9\ \Phi_{40}^7\ \Phi_{20}^6\ \Phi_{16}^9\ \Phi_{10}^6\ \Phi_8^7\ \Phi_5^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
22993	621	260	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{61}{130}$	$\Phi_{260}^3\ \Phi_{65}^3\ \Phi_{52}^4\ \Phi_{26}\ \Phi_{20}^3\ \Phi_{13}^3\ \Phi_5^3\ \Phi_4^3\ \Phi_1^3$
22994	621	130	$\frac{4}{65}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{130}^4\ \Phi_{65}^5\ \Phi_{26}^4\ \Phi_{13}^5\ \Phi_{10}^8\ \Phi_5^8\ \Phi_2^8\ \Phi_1^9$
22995	621	224	$\frac{1}{16}$	$\frac{17}{224}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{224}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
22996	621	140	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{140}^4\ \Phi_{70}^6\ \Phi_{35}^6\ \Phi_{28}^2\ \Phi_{20}^4\ \Phi_{14}^3\ \Phi_{10}^5\ \Phi_7^3\ \Phi_5^5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
22997	621	128	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{59}{128}$	$\Phi_{128}^9\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
22998	621	1144	$\frac{3}{52}$	$\frac{49}{572}$	$\frac{1}{4}$	$\frac{523}{1144}$	$\Phi_{1144}\ \Phi_{104}\ \Phi_{88}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
22999	621	84	$\frac{1}{28}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{84}^8\ \Phi_{42}^7\ \Phi_{28}^7\ \Phi_{21}^8\ \Phi_{14}^6\ \Phi_{12}^8\ \Phi_7^7\ \Phi_6^7\ \Phi_4^7\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
23000	621	210	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{70}^4\ \Phi_{35}^4\ \Phi_{30}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{14}\ \Phi_{10}^3\ \Phi_7^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^3$
23001	621	80	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{80}^9\ \Phi_{40}^9\ \Phi_{16}^9\ \Phi_{10}^8\ \Phi_8^9\ \Phi_5^8\ \Phi_2^8\ \Phi_1^9$
23002	621	1120	$\frac{1}{20}$	$\frac{61}{560}$	$\frac{19}{80}$	$\frac{499}{1120}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
23003	621	1120	$\frac{1}{10}$	$\frac{61}{560}$	$\frac{9}{70}$	$\frac{499}{1120}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{70}\ \Phi_{35}\ \Phi_{32}\ \Phi_{14}\ \Phi_7\ \Phi_1$
23004	621	124	$\frac{1}{31}$	$\frac{7}{62}$	$\frac{10}{31}$	$\frac{55}{124}$	$\Phi_{124}^9\ \Phi_{31}^2\ \Phi_4^9\ \Phi_1^3$
23005	621	124	$\frac{3}{31}$	$\frac{7}{62}$	$\frac{4}{31}$	$\frac{55}{124}$	$\Phi_{124}^9\ \Phi_{31}^2\ \Phi_4^9\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
23006	621	272	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{11}{34}$	$\frac{7}{16}$	$\Phi_{272}^{4}\,\Phi_{34}^{2}\,\Phi_{17}^{2}\,\Phi_{16}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
23007	621	224	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{224}^{4}\,\Phi_{56}^{4}\,\Phi_{32}^{3}\,\Phi_{28}^{3}\,\Phi_{14}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
23008	621	48	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{48}^{24}\,\Phi_{24}^{3}\,\Phi_{16}^{21}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
23009	621	1360	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{16}{85}$	$\frac{7}{16}$	$\Phi_{1360}\,\Phi_{85}\,\Phi_{80}\,\Phi_{16}\,\Phi_{5}\,\Phi_{1}$
23010	621	700	$\frac{1}{10}$	$\frac{79}{700}$	$\frac{9}{70}$	$\frac{61}{140}$	$\Phi_{700}\,\Phi_{350}\,\Phi_{175}\,\Phi_{100}\,\Phi_{70}\,\Phi_{50}\,\Phi_{35}\,\Phi_{25}\,\Phi_{14}\,\Phi_{7}\,\Phi_{1}$
23011	621	364	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{1}{4}$	$\frac{157}{364}$	$\Phi_{364}\,\Phi_{182}^{2}\,\Phi_{91}^{2}\,\Phi_{52}^{3}\,\Phi_{28}\,\Phi_{26}^{3}\,\Phi_{14}^{2}\,\Phi_{13}^{3}\,\Phi_{7}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
23012	621	868	$\frac{1}{31}$	$\frac{30}{217}$	$\frac{247}{868}$	$\frac{187}{434}$	$\Phi_{868}\,\Phi_{217}\,\Phi_{124}\,\Phi_{28}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
23013	621	280	$\frac{1}{28}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{280}^{4}\,\Phi_{56}^{4}\,\Phi_{40}^{3}\,\Phi_{28}^{3}\,\Phi_{14}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
23014	621	40	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{40}^{27}\,\Phi_{10}^{8}\,\Phi_{8}^{27}\,\Phi_{5}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
23015	621	650	$\frac{29}{650}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{650}\,\Phi_{325}\,\Phi_{130}\,\Phi_{65}\,\Phi_{26}\,\Phi_{25}\,\Phi_{13}\,\Phi_{1}$
23016	621	640	$\frac{19}{640}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{640}\,\Phi_{320}\,\Phi_{160}\,\Phi_{128}\,\Phi_{80}\,\Phi_{64}\,\Phi_{40}\,\Phi_{20}\,\Phi_{16}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{1}$
23017	621	1040	$\frac{3}{104}$	$\frac{101}{520}$	$\frac{1}{4}$	$\frac{419}{1040}$	$\Phi_{1040}\,\Phi_{208}\,\Phi_{104}\,\Phi_{80}\,\Phi_{52}\,\Phi_{26}\,\Phi_{16}\,\Phi_{13}\,\Phi_{8}\,\Phi_{1}$
23018	621	205	$\frac{4}{205}$	$\frac{1}{5}$	$\frac{67}{205}$	$\frac{2}{5}$	$\Phi_{205}^{3}\,\Phi_{41}^{3}\,\Phi_{5}^{4}\,\Phi_{1}^{5}$
23019	621	560	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{560}^{2}\,\Phi_{112}\,\Phi_{80}^{2}\,\Phi_{70}^{2}\,\Phi_{35}^{2}\,\Phi_{16}\,\Phi_{14}\,\Phi_{10}\,\Phi_{7}\,\Phi_{5}\,\Phi_{1}$
23020	621	1000	$\frac{4}{125}$	$\frac{1}{5}$	$\frac{121}{500}$	$\frac{379}{1000}$	$\Phi_{1000}\,\Phi_{200}\,\Phi_{125}\,\Phi_{40}\,\Phi_{25}\,\Phi_{8}\,\Phi_{1}$
23021	621	96	$\frac{1}{24}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{96}^{8}\,\Phi_{48}^{8}\,\Phi_{32}^{7}\,\Phi_{24}^{3}\,\Phi_{16}^{7}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
23022	621	704	$\frac{5}{88}$	$\frac{83}{704}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{704}\,\Phi_{352}\,\Phi_{176}\,\Phi_{64}\,\Phi_{32}\,\Phi_{16}\,\Phi_{8}\,\Phi_{1}$
23023	621	224	$\frac{17}{224}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{224}^{3}\,\Phi_{112}^{3}\,\Phi_{56}^{2}\,\Phi_{32}^{3}\,\Phi_{28}^{2}\,\Phi_{16}^{3}\,\Phi_{14}^{2}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
23024	621	252	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{252}^{2}\,\Phi_{126}^{2}\,\Phi_{84}^{4}\,\Phi_{63}^{2}\,\Phi_{42}^{4}\,\Phi_{36}\,\Phi_{28}^{3}\,\Phi_{21}^{4}\,\Phi_{18}^{2}\,\Phi_{14}^{3}\,\Phi_{12}^{3}\,\Phi_{9}^{2}\,\Phi_{7}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
23025	621	168	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{168}^{4}\,\Phi_{84}^{4}\,\Phi_{56}^{4}\,\Phi_{42}^{4}\,\Phi_{28}^{4}\,\Phi_{24}^{3}\,\Phi_{21}^{4}\,\Phi_{14}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
23026	621	217	$\frac{10}{217}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{217}^{3}\,\Phi_{31}^{2}\,\Phi_{7}^{3}\,\Phi_{1}^{3}$
23027	621	320	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{47}{160}$	$\frac{113}{320}$	$\Phi_{320}^{3}\,\Phi_{160}\,\Phi_{80}\,\Phi_{64}^{3}\,\Phi_{40}\,\Phi_{32}\,\Phi_{16}\,\Phi_{8}\,\Phi_{1}$
23028	621	220	$\frac{13}{220}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{220}^{3}\,\Phi_{110}^{3}\,\Phi_{55}^{3}\,\Phi_{44}^{3}\,\Phi_{22}^{3}\,\Phi_{11}^{3}\,\Phi_{10}^{2}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
23029	621	248	$\frac{1}{31}$	$\frac{41}{248}$	$\frac{10}{31}$	$\frac{21}{62}$	$\Phi_{248}^{3}\,\Phi_{124}^{3}\,\Phi_{31}^{2}\,\Phi_{8}^{3}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
23030	621	104	$\frac{1}{52}$	$\frac{1}{4}$	$\frac{17}{52}$	$\frac{35}{104}$	$\Phi_{104}^{9}\,\Phi_{52}^{3}\,\Phi_{26}^{3}\,\Phi_{13}^{3}\,\Phi_{8}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
23031	621	68	$\frac{1}{34}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{11}{34}$	$\Phi_{68}^{8}\,\Phi_{34}^{10}\,\Phi_{17}^{10}\,\Phi_{4}^{10}\,\Phi_{2}^{12}\,\Phi_{1}^{13}$
23032	621	31	$\frac{1}{31}$	$\frac{7}{31}$	$\frac{8}{31}$	$\frac{10}{31}$	$\Phi_{31}^{20}\,\Phi_{1}^{21}$
23033	621	208	$\frac{7}{208}$	$\frac{47}{208}$	$\frac{1}{4}$	$\frac{67}{208}$	$\Phi_{208}^{3}\,\Phi_{104}^{3}\,\Phi_{52}^{3}\,\Phi_{26}^{3}\,\Phi_{16}^{3}\,\Phi_{13}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
23034	621	304	$\frac{13}{304}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{97}{304}$	$\Phi_{304}^{2}\,\Phi_{152}^{2}\,\Phi_{76}^{2}\,\Phi_{38}^{2}\,\Phi_{19}^{2}\,\Phi_{16}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
23035	621	80	$\frac{1}{16}$	$\frac{11}{80}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{80}^{9}\,\Phi_{40}^{9}\,\Phi_{20}^{9}\,\Phi_{16}^{3}\,\Phi_{10}^{9}\,\Phi_{8}^{3}\,\Phi_{5}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
23036	621	100	$\frac{7}{100}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{31}{100}$	$\Phi_{100}^{6}\,\Phi_{50}^{6}\,\Phi_{25}^{6}\,\Phi_{20}^{6}\,\Phi_{10}^{8}\,\Phi_{5}^{8}\,\Phi_{4}^{6}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
23037	621	100	$\frac{7}{100}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{31}{100}$	$\Phi_{100}^{6}\,\Phi_{50}^{6}\,\Phi_{25}^{7}\,\Phi_{20}^{6}\,\Phi_{10}^{6}\,\Phi_{5}^{6}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
23038	621	429	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{4}{13}$	$\Phi_{429}^{2}\,\Phi_{39}^{2}\,\Phi_{33}^{3}\,\Phi_{13}^{2}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
23039	621	52	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{52}^{16}\,\Phi_{26}^{7}\,\Phi_{13}^{9}\,\Phi_{4}^{15}\,\Phi_{2}^{6}\,\Phi_{1}^{9}$
23040	621	660	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{660}^{2}\,\Phi_{330}\,\Phi_{165}\,\Phi_{132}\,\Phi_{60}^{2}\,\Phi_{33}\,\Phi_{30}\,\Phi_{20}^{2}\,\Phi_{15}\,\Phi_{12}\,\Phi_{10}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
23041	621	30	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{30}^{27}\,\Phi_{15}^{27}\,\Phi_{10}^{8}\,\Phi_{6}^{27}\,\Phi_{5}^{8}\,\Phi_{3}^{27}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
23042	621	80	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{80}^{9}\,\Phi_{40}^{6}\,\Phi_{20}^{6}\,\Phi_{16}^{9}\,\Phi_{10}^{8}\,\Phi_{8}^{6}\,\Phi_{5}^{8}\,\Phi_{4}^{6}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
23043	621	250	$\frac{1}{10}$	$\frac{7}{50}$	$\frac{43}{250}$	$\frac{3}{10}$	$\Phi_{250}^{3}\,\Phi_{125}^{3}\,\Phi_{10}^{2}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
23044	621	140	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{140}^6\ \Phi_{70}^4\ \Phi_{35}^4\ \Phi_{28}^3\ \Phi_{20}^6\ \Phi_{14}\ \Phi_{10}^3\ \Phi_7^3\ \Phi_5^3\ \Phi_4^3\ \Phi_1^3$
23045	621	32	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{9}{32}$	$\Phi_{32}^{18}\ \Phi_{16}^{21}\ \Phi_8^{21}\ \Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^{21}$
23046	621	25	$\frac{2}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{25}^{25}\ \Phi_5^{24}\ \Phi_1^{25}$
23047	621	77	$\frac{8}{77}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{77}^8\ \Phi_{11}^9\ \Phi_7^7\ \Phi_1^9$
23048	621	280	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{280}$	$\frac{73}{280}$	$\Phi_{280}^2\ \Phi_{140}^2\ \Phi_{70}^3\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
23049	621	31	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{31}^{20}\ \Phi_1^{21}$
23050	621	24	$\frac{1}{24}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{24}^{27}\ \Phi_{12}^{27}\ \Phi_8^{27}\ \Phi_6^{27}\ \Phi_4^{20}\ \Phi_3^{27}\ \Phi_2^{20}\ \Phi_1^{21}$
23051	621	272	$\frac{3}{68}$	$\frac{65}{272}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{272}^3\ \Phi_{136}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
23052	621	340	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{340}^2\ \Phi_{170}^2\ \Phi_{85}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
23053	621	256	$\frac{1}{16}$	$\frac{49}{256}$	$\frac{15}{64}$	$\frac{1}{4}$	$\Phi_{256}^3\ \Phi_{128}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
23054	621	260	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{260}$	$\frac{1}{4}$	$\Phi_{260}^2\ \Phi_{130}^2\ \Phi_{65}^3\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{20}^2\ \Phi_{13}^3\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
23055	621	80	$\frac{1}{8}$	$\frac{11}{80}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{80}^9\ \Phi_{40}^6\ \Phi_{20}^6\ \Phi_{16}^9\ \Phi_{10}^6\ \Phi_8^9\ \Phi_5^6\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
23056	621	800	$\frac{21}{200}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{179}{800}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{160}\ \Phi_{80}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
23057	621	700	$\frac{79}{700}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{14}\ \Phi_7\ \Phi_1$
23058	621	250	$\frac{7}{50}$	$\frac{4}{25}$	$\frac{43}{250}$	$\frac{1}{5}$	$\Phi_{250}^3\ \Phi_{125}^3\ \Phi_{25}\ \Phi_1$
23059	622	618	$\frac{2}{309}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{307}{618}$	$\Phi_{618}^2\ \Phi_{206}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23060	622	1248	$\frac{1}{104}$	$\frac{105}{416}$	$\frac{1}{3}$	$\frac{103}{208}$	$\Phi_{1248}\ \Phi_{312}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
23061	622	1848	$\frac{3}{308}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{305}{616}$	$\Phi_{1848}\ \Phi_{264}\ \Phi_{168}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
23062	622	552	$\frac{1}{69}$	$\frac{35}{276}$	$\frac{241}{552}$	$\frac{34}{69}$	$\Phi_{552}^2\ \Phi_{184}^2\ \Phi_{69}\ \Phi_{24}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
23063	622	414	$\frac{1}{69}$	$\frac{103}{414}$	$\frac{35}{138}$	$\frac{34}{69}$	$\Phi_{414}^2\ \Phi_{207}^2\ \Phi_{69}\ \Phi_{23}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
23064	622	612	$\frac{5}{306}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{301}{612}$	$\Phi_{612}^2\ \Phi_{204}^2\ \Phi_{68}^2\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
23065	622	612	$\frac{5}{306}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{301}{612}$	$\Phi_{612}^2\ \Phi_{204}^2\ \Phi_{68}^2\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23066	622	1824	$\frac{7}{304}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{297}{608}$	$\Phi_{1824}\ \Phi_{96}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
23067	622	600	$\frac{11}{300}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{289}{600}$	$\Phi_{600}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23068	622	594	$\frac{1}{27}$	$\frac{14}{297}$	$\frac{283}{594}$	$\frac{13}{27}$	$\Phi_{594}^2\ \Phi_{198}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{27}\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23069	622	598	$\frac{12}{299}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{287}{598}$	$\Phi_{598}^2\ \Phi_{46}^2\ \Phi_{26}^2\ \Phi_{23}\ \Phi_2^2\ \Phi_1^2$
23070	622	1794	$\frac{12}{299}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{287}{598}$	$\Phi_{1794}\ \Phi_{138}\ \Phi_{78}\ \Phi_{39}\ \Phi_6$
23071	622	336	$\frac{1}{24}$	$\frac{25}{336}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23072	622	585	$\frac{2}{39}$	$\frac{37}{585}$	$\frac{1}{3}$	$\frac{274}{585}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
23073	622	585	$\frac{37}{585}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{274}{585}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
23074	622	378	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{67}{378}$	$\frac{59}{126}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
23075	622	576	$\frac{1}{24}$	$\frac{23}{288}$	$\frac{1}{3}$	$\frac{265}{576}$	$\Phi_{576}^2\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23076	622	1716	$\frac{1}{26}$	$\frac{25}{286}$	$\frac{1}{3}$	$\frac{261}{572}$	$\Phi_{1716}\ \Phi_{156}\ \Phi_{132}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
23077	622	360	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{49}{360}$	$\frac{41}{90}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
23078	622	567	$\frac{1}{27}$	$\frac{55}{567}$	$\frac{26}{81}$	$\frac{256}{567}$	$\Phi_{567}\ \Phi_{189}\ \Phi_{81}^2\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
23079	622	567	$\frac{55}{567}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{256}{567}$	$\Phi_{567}\ \Phi_{189}\ \Phi_{81}\ \Phi_{63}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
23080	622	459	$\frac{5}{153}$	$\frac{1}{9}$	$\frac{148}{459}$	$\frac{4}{9}$	$\Phi_{459}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
23081	622	324	$\frac{13}{324}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
23082	622	432	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{121}{432}$	$\frac{95}{216}$	$\Phi_{432}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23083	622	960	$\frac{9}{320}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
23084	622	552	$\frac{1}{23}$	$\frac{35}{276}$	$\frac{11}{46}$	$\frac{241}{552}$	$\Phi_{552}^2\ \Phi_{184}^2\ \Phi_{46}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
23085	622	546	$\frac{1}{39}$	$\frac{38}{273}$	$\frac{1}{3}$	$\frac{235}{546}$	$\Phi_{546}^2\ \Phi_{182}^2\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23086	622	540	$\frac{1}{27}$	$\frac{41}{270}$	$\frac{13}{54}$	$\frac{229}{540}$	$\Phi_{540}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23087	622	540	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{270}$	$\frac{229}{540}$	$\Phi_{540}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
23088	622	1560	$\frac{1}{52}$	$\frac{51}{260}$	$\frac{1}{3}$	$\frac{209}{520}$	$\Phi_{1560}\ \Phi_{312}\ \Phi_{156}\ \Phi_{120}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
23089	622	504	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{59}{252}$	$\frac{193}{504}$	$\Phi_{504}^2\ \Phi_{168}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_9\ \Phi_8^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
23090	622	368	$\frac{1}{23}$	$\frac{57}{368}$	$\frac{11}{46}$	$\frac{35}{92}$	$\Phi_{368}^2\ \Phi_{184}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
23091	622	486	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{68}{243}$	$\frac{175}{486}$	$\Phi_{486}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23092	622	483	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{139}{483}$	$\frac{172}{483}$	$\Phi_{483}\ \Phi_{161}^2\ \Phi_{69}\ \Phi_{23}\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
23093	622	468	$\frac{1}{78}$	$\frac{77}{234}$	$\frac{1}{3}$	$\frac{157}{468}$	$\Phi_{468}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23094	622	360	$\frac{1}{24}$	$\frac{49}{360}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23095	622	456	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{145}{456}$	$\frac{1}{3}$	$\Phi_{456}\ \Phi_{228}\ \Phi_{152}^2\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{24}^2\ \Phi_{19}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23096	622	351	$\frac{2}{39}$	$\frac{40}{351}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{351}^2\ \Phi_{117}\ \Phi_{39}^2\ \Phi_{27}^2\ \Phi_{13}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
23097	622	432	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{121}{432}$	$\frac{1}{3}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23098	622	324	$\frac{13}{324}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23099	622	1056	$\frac{3}{44}$	$\frac{41}{352}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
23100	622	336	$\frac{25}{336}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23101	622	384	$\frac{1}{24}$	$\frac{73}{384}$	$\frac{23}{96}$	$\frac{1}{3}$	$\Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23102	622	408	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{97}{408}$	$\frac{1}{3}$	$\Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23103	622	390	$\frac{2}{39}$	$\frac{37}{195}$	$\frac{79}{390}$	$\frac{1}{3}$	$\Phi_{390}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23104	622	360	$\frac{1}{12}$	$\frac{49}{360}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23105	622	405	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{94}{405}$	$\frac{41}{135}$	$\Phi_{405}^2\ \Phi_{81}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
23106	622	378	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{67}{378}$	$\frac{55}{189}$	$\Phi_{378}^2\ \Phi_{189}\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23107	622	414	$\frac{1}{23}$	$\frac{11}{46}$	$\frac{103}{414}$	$\frac{35}{138}$	$\Phi_{414}^2\ \Phi_{207}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
23108	623	528	$\frac{1}{88}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{87}{176}$	$\Phi_{528}^2\ \Phi_{176}^3\ \Phi_{48}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
23109	623	1584	$\frac{1}{88}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{87}{176}$	$\Phi_{1584}\ \Phi_{176}\ \Phi_{144}\ \Phi_{16}\ \Phi_9\ \Phi_1$
23110	623	696	$\frac{2}{87}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{116}\ \Phi_{87}\ \Phi_{29}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
23111	623	120	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{120}^5\ \Phi_{60}^6\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^6\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^5\ \Phi_5^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
23112	623	680	$\frac{4}{85}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{81}{170}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{136}\ \Phi_{85}\ \Phi_{68}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
23113	623	216	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{216}^4\ \Phi_{108}^3\ \Phi_{72}^2\ \Phi_{54}^3\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
23114	623	168	$\frac{5}{84}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{79}{168}$	$\Phi_{168}^3\ \Phi_{84}^4\ \Phi_{56}^3\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^5\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^6\ \Phi_8^4\ \Phi_7^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
23115	623	648	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{73}{162}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
23116	623	200	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{200}^4\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{40}^2\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
23117	623	160	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{71}{160}$	$\Phi_{160}^7\ \Phi_{40}^2\ \Phi_{32}^7\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
23118	623	132	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{43}{132}$	$\frac{5}{12}$	$\Phi_{132}^5\ \Phi_{66}^5\ \Phi_{44}^4\ \Phi_{33}^5\ \Phi_{22}^4\ \Phi_{12}^6\ \Phi_{11}^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
23119	623	276	$\frac{3}{92}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^3\ \Phi_{69}^2\ \Phi_{46}^3\ \Phi_{23}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
23120	623	660	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{21}{110}$	$\frac{5}{12}$	$\Phi_{660}^2\ \Phi_{220}^2\ \Phi_{110}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
23121	623	96	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{96}^7\ \Phi_{48}^7\ \Phi_{32}^7\ \Phi_{24}^5\ \Phi_{16}^7\ \Phi_{12}^6\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
23122	623	396	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{396}^3\ \Phi_{132}^2\ \Phi_{99}\ \Phi_{44}^2\ \Phi_{36}^3\ \Phi_{33}\ \Phi_{12}^3\ \Phi_9\ \Phi_4^3\ \Phi_3\ \Phi_1$
23123	623	600	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{14}{75}$	$\frac{61}{150}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{120}^2\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
23124	623	144	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{55}{144}$	$\Phi_{144}^7\ \Phi_{72}^2\ \Phi_{48}^7\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{16}^7\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
23125	623	396	$\frac{1}{44}$	$\frac{2}{9}$	$\frac{43}{132}$	$\frac{1}{3}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{99}^2\ \Phi_{66}\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
23126	623	828	$\frac{3}{92}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{828}\ \Phi_{414}\ \Phi_{207}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_9\ \Phi_1$
23127	623	990	$\frac{1}{22}$	$\frac{21}{110}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{110}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
23128	623	288	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}\ \Phi_{72}^2\ \Phi_{48}\ \Phi_{36}^2\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{16}\ \Phi_{12}\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
23129	623	99	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{99}^6\ \Phi_{33}^7\ \Phi_{11}^6\ \Phi_9^7\ \Phi_3^7\ \Phi_1^7$
23130	623	216	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{216}^3\ \Phi_{108}^2\ \Phi_{72}^4\ \Phi_{54}^2\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{24}^4\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
23131	623	504	$\frac{5}{42}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{37}{126}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{126}\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
23132	623	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{120}^7\ \Phi_{60}^7\ \Phi_{40}^2\ \Phi_{30}^7\ \Phi_{24}^7\ \Phi_{20}^2\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}\ \Phi_8\ \Phi_6^7\ \Phi_5\ \Phi_4\ \Phi_3^7\ \Phi_1$
23133	624	465	$\frac{1}{155}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{77}{155}$	$\Phi_{465}\ \Phi_{155}^2\ \Phi_{93}\ \Phi_{31}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
23134	624	623	$\frac{5}{623}$	$\frac{157}{623}$	$\frac{233}{623}$	$\frac{309}{623}$	$\Phi_{623}\ \Phi_{89}\ \Phi_7\ \Phi_1^2$
23135	624	939	$\frac{3}{313}$	$\frac{79}{313}$	$\frac{1}{3}$	$\frac{155}{313}$	Φ_{939}
23136	624	515	$\frac{1}{103}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{51}{103}$	$\Phi_{515}\ \Phi_{103}^2\ \Phi_5^2\ \Phi_1^4$
23137	624	1236	$\frac{1}{103}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{51}{103}$	$\Phi_{1236}\ \Phi_{618}\ \Phi_{12}^2\ \Phi_6^2$
23138	624	89	$\frac{1}{89}$	$\frac{15}{89}$	$\frac{37}{89}$	$\frac{44}{89}$	$\Phi_{89}^7\ \Phi_1^8$
23139	624	77	$\frac{1}{77}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{38}{77}$	$\Phi_{77}^8\ \Phi_{11}^8\ \Phi_7^9\ \Phi_1^{10}$
23140	624	1155	$\frac{1}{77}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{38}{77}$	$\Phi_{1155}\ \Phi_{165}\ \Phi_{105}\ \Phi_{15}^2$
23141	624	836	$\frac{3}{209}$	$\frac{1}{4}$	$\frac{53}{209}$	$\frac{103}{209}$	$\Phi_{836}\ \Phi_{418}\ \Phi_{76}\ \Phi_{44}\ \Phi_{38}\ \Phi_{22}$
23142	624	623	$\frac{9}{623}$	$\frac{79}{623}$	$\frac{272}{623}$	$\frac{307}{623}$	$\Phi_{623}\ \Phi_{89}\ \Phi_7\ \Phi_1^2$
23143	624	623	$\frac{9}{623}$	$\frac{155}{623}$	$\frac{158}{623}$	$\frac{307}{623}$	$\Phi_{623}\ \Phi_{89}\ \Phi_7\ \Phi_1^2$
23144	624	939	$\frac{5}{313}$	$\frac{53}{313}$	$\frac{1}{3}$	$\frac{154}{313}$	Φ_{939}
23145	624	785	$\frac{3}{157}$	$\frac{1}{5}$	$\frac{40}{157}$	$\frac{77}{157}$	Φ_{785}
23146	624	561	$\frac{1}{51}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{25}{51}$	$\Phi_{561}\ \Phi_{187}\ \Phi_{51}^2\ \Phi_{33}\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
23147	624	357	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{357}^2\ \Phi_{119}^2\ \Phi_{21}^3\ \Phi_7^2$
23148	624	561	$\frac{1}{51}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{25}{51}$	$\Phi_{561}\ \Phi_{187}\ \Phi_{51}^2\ \Phi_{33}\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
23149	624	1020	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{25}{51}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{170}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
23150	624	623	$\frac{13}{623}$	$\frac{53}{623}$	$\frac{285}{623}$	$\frac{305}{623}$	$\Phi_{623}\ \Phi_{89}\ \Phi_7\ \Phi_1^2$
23151	624	623	$\frac{13}{623}$	$\frac{116}{623}$	$\frac{159}{623}$	$\frac{305}{623}$	$\Phi_{623}\ \Phi_{89}\ \Phi_7\ \Phi_1^2$
23152	624	1128	$\frac{1}{47}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{23}{47}$	$\Phi_{1128}\ \Phi_{376}\ \Phi_{47}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
23153	624	705	$\frac{1}{47}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{705}\ \Phi_{235}\ \Phi_{47}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
23154	624	846	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{23}{47}$	$\Phi_{846}\ \Phi_{423}\ \Phi_{47}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
23155	624	752	$\frac{1}{47}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{23}{47}$	$\Phi_{752}\ \Phi_{376}\ \Phi_{47}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
23156	624	939	$\frac{7}{313}$	$\frac{40}{313}$	$\frac{1}{3}$	$\frac{153}{313}$	Φ_{939}
23157	624	203	$\frac{5}{203}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{99}{203}$	$\Phi_{203}^3\ \Phi_{29}^3\ \Phi_7^5\ \Phi_1^6$
23158	624	1140	$\frac{1}{38}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{37}{76}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{228}\ \Phi_{76}^2\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
23159	624	684	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{684}^2\ \Phi_{228}\ \Phi_{76}^2\ \Phi_{36}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
23160	624	380	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{37}{76}$	$\Phi_{380}^3\ \Phi_{76}^4\ \Phi_{20}^3\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
23161	624	623	$\frac{17}{623}$	$\frac{80}{623}$	$\frac{181}{623}$	$\frac{303}{623}$	$\Phi_{623}\ \Phi_{89}\ \Phi_7\ \Phi_1^2$
23162	624	35	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{9}{35}$	$\frac{17}{35}$	$\Phi_{35}^{18}\ \Phi_7^{17}\ \Phi_5^{18}\ \Phi_1^{18}$
23163	624	623	$\frac{19}{623}$	$\frac{107}{623}$	$\frac{129}{623}$	$\frac{302}{623}$	$\Phi_{623}\ \Phi_{89}\ \Phi_7\ \Phi_1^2$
23164	624	785	$\frac{5}{157}$	$\frac{27}{157}$	$\frac{1}{5}$	$\frac{76}{157}$	Φ_{785}
23165	624	836	$\frac{7}{209}$	$\frac{27}{209}$	$\frac{1}{4}$	$\frac{101}{209}$	$\Phi_{836}\ \Phi_{418}\ \Phi_{76}\ \Phi_{44}\ \Phi_{38}\ \Phi_{22}$
23166	624	89	$\frac{3}{89}$	$\frac{11}{89}$	$\frac{23}{89}$	$\frac{43}{89}$	$\Phi_{89}^7\ \Phi_1^8$
23167	624	939	$\frac{11}{313}$	$\frac{27}{313}$	$\frac{1}{3}$	$\frac{151}{313}$	Φ_{939}
23168	624	575	$\frac{1}{25}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{12}{25}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}^2\ \Phi_{23}^2\ \Phi_5^2\ \Phi_1^4$
23169	624	975	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{975}\ \Phi_{195}\ \Phi_{39}^2$
23170	624	575	$\frac{1}{25}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{12}{25}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}^2\ \Phi_{23}^2\ \Phi_5^2\ \Phi_1^4$
23171	624	900	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{180}\ \Phi_{150}\ \Phi_{90}\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
23172	624	575	$\frac{1}{25}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{12}{25}$	$\Phi_{575}\ \Phi_{115}\ \Phi_{25}^2\ \Phi_{23}^2\ \Phi_5^2\ \Phi_1^4$
23173	624	175	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{175}^4\ \Phi_{35}^5\ \Phi_7^4$
23174	624	623	$\frac{25}{623}$	$\frac{27}{623}$	$\frac{298}{623}$	$\frac{299}{623}$	$\Phi_{623}\ \Phi_{89}\ \Phi_7\ \Phi_1^2$
23175	624	966	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{138}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
23176	624	345	$\frac{1}{23}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{345}^2\ \Phi_{115}\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_{15}^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
23177	624	63	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{11}{63}$	$\frac{10}{21}$	$\Phi_{63}^{12}\ \Phi_{21}^6\ \Phi_9^{12}\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
23178	624	595	$\frac{29}{595}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{283}{595}$	$\Phi_{595}\ \Phi_{119}\ \Phi_{85}\ \Phi_{35}^2\ \Phi_{17}\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
23179	624	396	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{47}{99}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^3\ \Phi_{36}^2\ \Phi_{22}^3\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
23180	624	228	$\frac{1}{19}$	$\frac{5}{57}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{228}^4\ \Phi_{114}^4\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^2\ \Phi_2^2$
23181	624	623	$\frac{33}{623}$	$\frac{41}{623}$	$\frac{194}{623}$	$\frac{295}{623}$	$\Phi_{623}\ \Phi_{89}\ \Phi_7\ \Phi_1^2$
23182	624	689	$\frac{3}{53}$	$\frac{1}{13}$	$\frac{14}{53}$	$\frac{25}{53}$	Φ_{689}
23183	624	623	$\frac{37}{623}$	$\frac{55}{623}$	$\frac{142}{623}$	$\frac{293}{623}$	$\Phi_{623}\ \Phi_{89}\ \Phi_7\ \Phi_1^2$
23184	624	98	$\frac{3}{49}$	$\frac{1}{14}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{98}^7\ \Phi_{49}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
23185	624	49	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{23}{49}$	$\Phi_{49}^{12}\ \Phi_7^{17}\ \Phi_1^{18}$
23186	624	711	$\frac{5}{79}$	$\frac{1}{9}$	$\frac{14}{79}$	$\frac{37}{79}$	$\Phi_{711}\ \Phi_{237}$
23187	624	623	$\frac{41}{623}$	$\frac{83}{623}$	$\frac{90}{623}$	$\frac{291}{623}$	$\Phi_{623}\ \Phi_{89}\ \Phi_7\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
23188	624	285	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{6}{19}$	$\frac{7}{15}$	$\Phi_{285}^2\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{19}^4\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^6$
23189	624	420	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{420}^2\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
23190	624	105	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{105}^7\ \Phi_{35}^7\ \Phi_{21}^7\ \Phi_7^6$
23191	624	623	$\frac{43}{623}$	$\frac{64}{623}$	$\frac{111}{623}$	$\frac{290}{623}$	$\Phi_{623}\ \Phi_{89}\ \Phi_7\ \Phi_1^2$
23192	624	785	$\frac{11}{157}$	$\frac{14}{157}$	$\frac{1}{5}$	$\frac{73}{157}$	Φ_{785}
23193	624	836	$\frac{14}{209}$	$\frac{15}{209}$	$\frac{1}{4}$	$\frac{97}{209}$	$\Phi_{836}\ \Phi_{418}\ \Phi_{76}\ \Phi_{44}\ \Phi_{38}\ \Phi_{22}$
23194	624	623	$\frac{38}{623}$	$\frac{45}{623}$	$\frac{167}{623}$	$\frac{289}{623}$	$\Phi_{623}\ \Phi_{89}\ \Phi_7\ \Phi_1^2$
23195	624	939	$\frac{14}{313}$	$\frac{23}{313}$	$\frac{1}{3}$	$\frac{145}{313}$	Φ_{939}
23196	624	89	$\frac{5}{89}$	$\frac{7}{89}$	$\frac{24}{89}$	$\frac{41}{89}$	$\Phi_{89}^7\ \Phi_1^8$
23197	624	89	$\frac{7}{89}$	$\frac{11}{89}$	$\frac{12}{89}$	$\frac{41}{89}$	$\Phi_{89}^7\ \Phi_1^8$
23198	624	939	$\frac{13}{313}$	$\frac{25}{313}$	$\frac{1}{3}$	$\frac{144}{313}$	Φ_{939}
23199	624	600	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{600}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{75}\ \Phi_{40}^2\ \Phi_{15}$
23200	624	1128	$\frac{2}{47}$	$\frac{1}{12}$	$\frac{15}{47}$	$\frac{11}{24}$	$\Phi_{1128}\ \Phi_{376}\ \Phi_{47}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
23201	624	408	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{408}^3\ \Phi_{136}^3\ \Phi_{68}\ \Phi_{34}$
23202	624	1128	$\frac{3}{47}$	$\frac{1}{12}$	$\frac{11}{47}$	$\frac{11}{24}$	$\Phi_{1128}\ \Phi_{376}\ \Phi_{47}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
23203	624	1560	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{65}$
23204	624	1128	$\frac{1}{12}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{11}{24}$	$\Phi_{1128}\ \Phi_{376}\ \Phi_{47}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
23205	624	504	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{504}^3\ \Phi_{168}^2\ \Phi_{63}\ \Phi_{56}^2\ \Phi_{21}$
23206	624	623	$\frac{26}{623}$	$\frac{53}{623}$	$\frac{199}{623}$	$\frac{285}{623}$	$\Phi_{623}\ \Phi_{89}\ \Phi_7\ \Phi_1^2$
23207	624	175	$\frac{3}{35}$	$\frac{19}{175}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{175}^4\ \Phi_{35}^2\ \Phi_{25}^4\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
23208	624	297	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{297}^2\ \Phi_{99}^2\ \Phi_{33}\ \Phi_{27}^4\ \Phi_{11}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
23209	624	220	$\frac{3}{55}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{220}^4\ \Phi_{110}^4\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_4^2\ \Phi_2^2$
23210	624	187	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{4}{17}$	$\frac{5}{11}$	$\Phi_{187}^3\ \Phi_{17}^6\ \Phi_{11}^4\ \Phi_1^8$
23211	624	770	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{770}\ \Phi_{385}\ \Phi_{110}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{10}^2$
23212	624	380	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{1}{4}$	$\frac{43}{95}$	$\Phi_{380}^2\ \Phi_{190}^2\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_4^2\ \Phi_2^2$
23213	624	189	$\frac{2}{21}$	$\frac{19}{189}$	$\frac{1}{7}$	$\frac{85}{189}$	$\Phi_{189}^3\ \Phi_{63}^3\ \Phi_{27}^3\ \Phi_{21}^6\ \Phi_9^3\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
23214	624	98	$\frac{1}{14}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{98}^7\ \Phi_{49}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
23215	624	450	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{450}^2\ \Phi_{225}\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
23216	624	1190	$\frac{1}{17}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{1190}\ \Phi_{238}\ \Phi_{170}\ \Phi_{85}\ \Phi_{34}$
23217	624	70	$\frac{3}{35}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{31}{70}$	$\Phi_{70}^{16}\ \Phi_{35}^2\ \Phi_{14}^{16}\ \Phi_{10}^{16}\ \Phi_7\ \Phi_5^2\ \Phi_2^{16}\ \Phi_1^2$
23218	624	623	$\frac{39}{623}$	$\frac{73}{623}$	$\frac{116}{623}$	$\frac{275}{623}$	$\Phi_{623}\ \Phi_{89}\ \Phi_7\ \Phi_1^2$
23219	624	836	$\frac{9}{209}$	$\frac{25}{209}$	$\frac{1}{4}$	$\frac{92}{209}$	$\Phi_{836}\ \Phi_{418}\ \Phi_{76}\ \Phi_{44}\ \Phi_{38}\ \Phi_{22}$
23220	624	675	$\frac{1}{27}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}\ \Phi_{45}\ \Phi_{15}$
23221	624	272	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{272}^2\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{17}^2$
23222	624	623	$\frac{27}{623}$	$\frac{79}{623}$	$\frac{149}{623}$	$\frac{272}{623}$	$\Phi_{623}\ \Phi_{89}\ \Phi_7\ \Phi_1^2$
23223	624	840	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2$
23224	624	77	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{25}{77}$	$\frac{3}{7}$	$\Phi_{77}^8\ \Phi_{11}^8\ \Phi_7^9\ \Phi_1^{10}$
23225	624	161	$\frac{5}{161}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{161}^4\ \Phi_{23}^4\ \Phi_7\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
23226	624	756	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{126}\ \Phi_{108}^2\ \Phi_{84}\ \Phi_{54}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
23227	624	385	$\frac{4}{77}$	$\frac{1}{7}$	$\frac{73}{385}$	$\frac{3}{7}$	$\Phi_{385}^2\ \Phi_{55}^2\ \Phi_{35}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
23228	624	77	$\frac{5}{77}$	$\frac{1}{7}$	$\frac{12}{77}$	$\frac{3}{7}$	$\Phi_{77}^8\ \Phi_{11}^8\ \Phi_7^9\ \Phi_1^{10}$
23229	624	14	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{14}^{48}\ \Phi_7^{41}\ \Phi_2^{48}\ \Phi_1^{42}$
23230	624	308	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{308}^2\ \Phi_{154}^2\ \Phi_{77}\ \Phi_{44}^4\ \Phi_{28}^2\ \Phi_{22}^4\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
23231	624	315	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{7}{45}$	$\frac{19}{45}$	$\Phi_{315}^2\ \Phi_{105}^3\ \Phi_{63}^2\ \Phi_{35}^3\ \Phi_{21}^3\ \Phi_7^2$
23232	624	623	$\frac{41}{623}$	$\frac{90}{623}$	$\frac{97}{623}$	$\frac{263}{623}$	$\Phi_{623}\ \Phi_{89}\ \Phi_7\ \Phi_1^2$
23233	624	785	$\frac{7}{157}$	$\frac{25}{157}$	$\frac{1}{5}$	$\frac{66}{157}$	Φ_{785}
23234	624	623	$\frac{17}{623}$	$\frac{101}{623}$	$\frac{181}{623}$	$\frac{261}{623}$	$\Phi_{623}\ \Phi_{89}\ \Phi_7\ \Phi_1^2$
23235	624	939	$\frac{7}{313}$	$\frac{51}{313}$	$\frac{1}{3}$	$\frac{131}{313}$	Φ_{939}
23236	624	89	$\frac{2}{89}$	$\frac{15}{89}$	$\frac{29}{89}$	$\frac{37}{89}$	$\Phi_{89}^7\ \Phi_1^8$
23237	624	680	$\frac{1}{40}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}$
23238	624	175	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{33}{175}$	$\frac{71}{175}$	$\Phi_{175}^3\ \Phi_{35}^6\ \Phi_{25}^3\ \Phi_7^5\ \Phi_5^6\ \Phi_1^6$
23239	624	795	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{795}\ \Phi_{159}^2$
23240	624	515	$\frac{3}{103}$	$\frac{1}{5}$	$\frac{25}{103}$	$\frac{2}{5}$	$\Phi_{515}\ \Phi_{103}^2\ \Phi_5^2\ \Phi_1^4$
23241	624	135	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{135}^5\ \Phi_{45}^5\ \Phi_{27}^4\ \Phi_{15}^5\ \Phi_9^4\ \Phi_3^4$
23242	624	385	$\frac{3}{55}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{385}^2\ \Phi_{77}^2\ \Phi_{35}$
23243	624	515	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{515}\ \Phi_{103}^2\ \Phi_5^2\ \Phi_1^4$
23244	624	630	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_6^2$
23245	624	623	$\frac{29}{623}$	$\frac{99}{623}$	$\frac{131}{623}$	$\frac{246}{623}$	$\Phi_{623}\ \Phi_{89}\ \Phi_7\ \Phi_1^2$
23246	624	1088	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{1088}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
23247	624	98	$\frac{1}{14}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{98}^7\ \Phi_{49}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
23248	624	689	$\frac{1}{53}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{689}
23249	624	623	$\frac{43}{623}$	$\frac{64}{623}$	$\frac{145}{623}$	$\frac{239}{623}$	$\Phi_{623}\ \Phi_{89}\ \Phi_7\ \Phi_1^2$
23250	624	89	$\frac{5}{89}$	$\frac{11}{89}$	$\frac{21}{89}$	$\frac{34}{89}$	$\Phi_{89}^7\ \Phi_1^8$
23251	624	21	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{8}{21}$	$\Phi_{21}^{30}\ \Phi_7^{29}\ \Phi_3^{30}\ \Phi_1^{30}$
23252	624	623	$\frac{19}{623}$	$\frac{129}{623}$	$\frac{151}{623}$	$\frac{236}{623}$	$\Phi_{623}\ \Phi_{89}\ \Phi_7\ \Phi_1^2$
23253	624	836	$\frac{5}{209}$	$\frac{51}{209}$	$\frac{1}{4}$	$\frac{79}{209}$	$\Phi_{836}\ \Phi_{418}\ \Phi_{76}\ \Phi_{44}\ \Phi_{38}\ \Phi_{22}$
23254	624	623	$\frac{11}{623}$	$\frac{153}{623}$	$\frac{194}{623}$	$\frac{235}{623}$	$\Phi_{623}\ \Phi_{89}\ \Phi_7\ \Phi_1^2$
23255	624	939	$\frac{5}{313}$	$\frac{77}{313}$	$\frac{1}{3}$	$\frac{118}{313}$	Φ_{939}
23256	624	623	$\frac{15}{623}$	$\frac{152}{623}$	$\frac{157}{623}$	$\frac{233}{623}$	$\Phi_{623}\ \Phi_{89}\ \Phi_7\ \Phi_1^2$
23257	624	675	$\frac{1}{27}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}\ \Phi_{45}\ \Phi_{15}$
23258	624	623	$\frac{31}{623}$	$\frac{74}{623}$	$\frac{183}{623}$	$\frac{220}{623}$	$\Phi_{623}\ \Phi_{89}\ \Phi_7\ \Phi_1^2$
23259	624	340	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{340}^3\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}^3\ \Phi_{34}$
23260	624	98	$\frac{1}{14}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{98}^7\ \Phi_{49}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
23261	624	623	$\frac{44}{623}$	$\frac{51}{623}$	$\frac{193}{623}$	$\frac{215}{623}$	$\Phi_{623}\ \Phi_{89}\ \Phi_7\ \Phi_1^2$
23262	624	711	$\frac{4}{79}$	$\frac{1}{9}$	$\frac{25}{79}$	$\frac{27}{79}$	$\Phi_{711}\ \Phi_{237}$
23263	624	623	$\frac{20}{623}$	$\frac{103}{623}$	$\frac{201}{623}$	$\frac{211}{623}$	$\Phi_{623}\ \Phi_{89}\ \Phi_7\ \Phi_1^2$
23264	624	785	$\frac{4}{157}$	$\frac{1}{5}$	$\frac{51}{157}$	$\frac{53}{157}$	Φ_{785}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
23265	624	623	$\frac{8}{623}$	$\frac{205}{623}$	$\frac{207}{623}$	$\frac{209}{623}$	$\Phi_{623}\ \Phi_{89}\ \Phi_{7}\ \Phi_{1}^{2}$
23266	624	939	$\frac{4}{313}$	$\frac{103}{313}$	$\frac{1}{3}$	$\frac{105}{313}$	Φ_{939}
23267	624	237	$\frac{1}{79}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{237}^{3}\ \Phi_{79}^{2}$
23268	624	465	$\frac{2}{155}$	$\frac{51}{155}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{465}\ \Phi_{155}^{2}\ \Phi_{93}\ \Phi_{31}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
23269	624	636	$\frac{1}{53}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{636}\ \Phi_{318}\ \Phi_{212}^{2}\ \Phi_{106}^{2}$
23270	624	465	$\frac{3}{155}$	$\frac{38}{155}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{465}\ \Phi_{155}^{2}\ \Phi_{93}\ \Phi_{31}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
23271	624	120	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^{4}\ \Phi_{60}^{4}\ \Phi_{40}^{8}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{8}\ \Phi_{15}^{3}\ \Phi_{12}^{4}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
23272	624	93	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{93}^{5}\ \Phi_{31}^{10}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
23273	624	189	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{189}^{4}\ \Phi_{63}^{4}\ \Phi_{21}^{3}\ \Phi_{7}^{2}$
23274	624	75	$\frac{1}{25}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{75}^{9}\ \Phi_{25}^{8}\ \Phi_{15}^{7}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
23275	624	465	$\frac{11}{155}$	$\frac{12}{155}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{465}\ \Phi_{155}^{2}\ \Phi_{93}\ \Phi_{31}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
23276	624	546	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{546}\ \Phi_{273}\ \Phi_{182}^{2}\ \Phi_{91}^{2}\ \Phi_{78}\ \Phi_{26}^{2}$
23277	624	1155	$\frac{2}{77}$	$\frac{1}{5}$	$\frac{25}{77}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{165}\ \Phi_{105}\ \Phi_{15}^{2}$
23278	624	939	$\frac{10}{313}$	$\frac{53}{313}$	$\frac{101}{313}$	$\frac{1}{3}$	Φ_{939}
23279	624	1071	$\frac{2}{51}$	$\frac{1}{7}$	$\frac{49}{153}$	$\frac{1}{3}$	$\Phi_{1071}\ \Phi_{63}\ \Phi_{21}$
23280	624	705	$\frac{2}{47}$	$\frac{2}{15}$	$\frac{15}{47}$	$\frac{1}{3}$	$\Phi_{705}\ \Phi_{235}\ \Phi_{47}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
23281	624	171	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{171}^{4}\ \Phi_{57}^{2}\ \Phi_{19}^{4}\ \Phi_{9}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
23282	624	939	$\frac{22}{313}$	$\frac{27}{313}$	$\frac{97}{313}$	$\frac{1}{3}$	Φ_{939}
23283	624	966	$\frac{1}{14}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{138}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{6}^{2}$
23284	624	939	$\frac{17}{313}$	$\frac{37}{313}$	$\frac{92}{313}$	$\frac{1}{3}$	Φ_{939}
23285	624	450	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{450}^{2}\ \Phi_{225}^{2}\ \Phi_{90}^{2}\ \Phi_{75}\ \Phi_{45}^{2}\ \Phi_{15}$
23286	624	297	$\frac{1}{27}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{297}^{2}\ \Phi_{99}^{2}\ \Phi_{33}\ \Phi_{27}^{4}\ \Phi_{11}^{2}\ \Phi_{9}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
23287	624	939	$\frac{9}{313}$	$\frac{76}{313}$	$\frac{79}{313}$	$\frac{1}{3}$	Φ_{939}
23288	624	1236	$\frac{3}{103}$	$\frac{25}{103}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1236}\ \Phi_{618}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
23289	624	540	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{180}^{2}\ \Phi_{90}^{2}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
23290	624	1200	$\frac{1}{25}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{240}\ \Phi_{120}\ \Phi_{75}\ \Phi_{15}$
23291	624	1020	$\frac{1}{17}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{170}\ \Phi_{68}\ \Phi_{34}$
23292	624	1236	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1236}\ \Phi_{618}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
23293	624	252	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^{4}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{63}^{2}\ \Phi_{42}\ \Phi_{36}^{2}\ \Phi_{28}^{4}\ \Phi_{21}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
23294	624	357	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{357}^{3}\ \Phi_{21}^{4}$
23295	624	705	$\frac{3}{47}$	$\frac{2}{15}$	$\frac{11}{47}$	$\frac{1}{3}$	$\Phi_{705}\ \Phi_{235}\ \Phi_{47}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
23296	624	939	$\frac{21}{313}$	$\frac{40}{313}$	$\frac{73}{313}$	$\frac{1}{3}$	Φ_{939}
23297	624	966	$\frac{1}{14}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{138}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{6}^{2}$
23298	624	939	$\frac{19}{313}$	$\frac{49}{313}$	$\frac{66}{313}$	$\frac{1}{3}$	Φ_{939}
23299	624	1155	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{165}\ \Phi_{105}\ \Phi_{15}^{2}$
23300	624	210	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^{6}\ \Phi_{105}^{5}\ \Phi_{30}^{6}\ \Phi_{15}^{6}$
23301	624	195	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{195}^{3}\ \Phi_{65}^{4}\ \Phi_{39}^{4}\ \Phi_{13}^{4}$
23302	624	660	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{165}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
23303	624	705	$\frac{5}{47}$	$\frac{2}{15}$	$\frac{7}{47}$	$\frac{1}{3}$	$\Phi_{705}\ \Phi_{235}\ \Phi_{47}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
23304	624	315	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{315}^3\ \Phi_{105}^2\ \Phi_{63}\ \Phi_{35}^2\ \Phi_{21}$
23305	624	846	$\frac{2}{47}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{15}{47}$	$\Phi_{846}\ \Phi_{423}\ \Phi_{47}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
23306	624	752	$\frac{2}{47}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{15}{47}$	$\Phi_{752}\ \Phi_{376}\ \Phi_{47}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
23307	624	95	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{6}{19}$	$\Phi_{95}^6\ \Phi_{19}^8\ \Phi_5^9\ \Phi_1^{12}$
23308	624	623	$\frac{38}{623}$	$\frac{107}{623}$	$\frac{129}{623}$	$\frac{195}{623}$	$\Phi_{623}\ \Phi_{89}\ \Phi_7\ \Phi_1^2$
23309	624	785	$\frac{10}{157}$	$\frac{27}{157}$	$\frac{1}{5}$	$\frac{49}{157}$	Φ_{785}
23310	624	945	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{31}{135}$	$\frac{14}{45}$	$\Phi_{945}\ \Phi_{189}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
23311	624	525	$\frac{2}{25}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{23}{75}$	$\Phi_{525}^2\ \Phi_{105}^2\ \Phi_{35}\ \Phi_{21}^2$
23312	624	345	$\frac{2}{23}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{345}^2\ \Phi_{115}\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_{15}^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
23313	624	924	$\frac{1}{11}$	$\frac{23}{231}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{154}\ \Phi_{84}\ \Phi_{44}\ \Phi_{42}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}$
23314	624	63	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{11}{63}$	$\frac{19}{63}$	$\Phi_{63}^9\ \Phi_{21}^{12}\ \Phi_9^9\ \Phi_7^{11}\ \Phi_3^{12}\ \Phi_1^{12}$
23315	624	1188	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{4}$	$\frac{89}{297}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{108}\ \Phi_{54}\ \Phi_{44}\ \Phi_{22}$
23316	624	147	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{43}{147}$	$\Phi_{147}^6\ \Phi_{21}^6\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
23317	624	42	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{42}^{21}\ \Phi_{21}^{18}\ \Phi_{14}^6\ \Phi_7^5\ \Phi_6^{21}\ \Phi_3^{18}\ \Phi_2^6\ \Phi_1^6$
23318	624	612	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{612}^2\ \Phi_{306}\ \Phi_{153}\ \Phi_{68}\ \Phi_{34}$
23319	624	846	$\frac{3}{47}$	$\frac{1}{6}$	$\frac{11}{47}$	$\frac{5}{18}$	$\Phi_{846}\ \Phi_{423}\ \Phi_{47}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
23320	624	1170	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{65}$
23321	624	846	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{846}\ \Phi_{423}\ \Phi_{47}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
23322	624	126	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{126}^5\ \Phi_{63}^6\ \Phi_{42}^6\ \Phi_{21}^7\ \Phi_{14}^6\ \Phi_7^6$
23323	624	187	$\frac{1}{17}$	$\frac{2}{11}$	$\frac{4}{17}$	$\frac{3}{11}$	$\Phi_{187}^3\ \Phi_{17}^6\ \Phi_{11}^4\ \Phi_1^8$
23324	624	770	$\frac{1}{14}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{770}\ \Phi_{385}\ \Phi_{110}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{10}^2$
23325	624	1140	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{1}{4}$	$\frac{77}{285}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{60}\ \Phi_{38}\ \Phi_{30}\ \Phi_{12}\ \Phi_6$
23326	624	89	$\frac{5}{89}$	$\frac{17}{89}$	$\frac{21}{89}$	$\frac{24}{89}$	$\Phi_{89}^7\ \Phi_1^8$
23327	624	98	$\frac{1}{14}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{98}^7\ \Phi_{49}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
23328	624	35	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{8}{35}$	$\frac{9}{35}$	$\Phi_{35}^{18}\ \Phi_7^{17}\ \Phi_5^{18}\ \Phi_1^{18}$
23329	624	623	$\frac{39}{623}$	$\frac{116}{623}$	$\frac{146}{623}$	$\frac{159}{623}$	$\Phi_{623}\ \Phi_{89}\ \Phi_7\ \Phi_1^2$
23330	624	785	$\frac{9}{157}$	$\frac{1}{5}$	$\frac{37}{157}$	$\frac{40}{157}$	Φ_{785}
23331	624	272	$\frac{1}{17}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{272}^3\ \Phi_{136}^3\ \Phi_{68}\ \Phi_{34}$
23332	624	340	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{4}{17}$	$\frac{1}{4}$	$\Phi_{340}^3\ \Phi_{170}^3\ \Phi_{20}^4\ \Phi_{10}^4$
23333	624	836	$\frac{13}{209}$	$\frac{40}{209}$	$\frac{49}{209}$	$\frac{1}{4}$	$\Phi_{836}\ \Phi_{418}\ \Phi_{76}\ \Phi_{44}\ \Phi_{38}\ \Phi_{22}$
23334	624	752	$\frac{3}{47}$	$\frac{3}{16}$	$\frac{11}{47}$	$\frac{1}{4}$	$\Phi_{752}\ \Phi_{376}\ \Phi_{47}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
23335	624	132	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{1}{4}$	$\Phi_{132}^6\ \Phi_{66}^6\ \Phi_{44}^7\ \Phi_{22}^7\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_2^6$
23336	624	228	$\frac{5}{57}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{228}^4\ \Phi_{114}^4\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^2\ \Phi_2^2$
23337	624	140	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^6\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{28}^8\ \Phi_{20}^3\ \Phi_{14}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
23338	624	1040	$\frac{1}{13}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{65}$
23339	624	180	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^5\ \Phi_{90}^5\ \Phi_{60}^3\ \Phi_{36}^6\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{18}^6\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
23340	624	752	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{752}\ \Phi_{376}\ \Phi_{47}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
23341	624	1008	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{63}\ \Phi_{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
23342	624	345	$\frac{3}{23}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{5}{23}$	$\Phi_{345}^{2}\ \Phi_{115}\ \Phi_{69}^{2}\ \Phi_{23}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
23343	624	105	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{105}^{8}\ \Phi_{35}^{5}\ \Phi_{21}^{8}\ \Phi_{7}^{4}$
23344	624	875	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\Phi_{875}\ \Phi_{35}$
23345	625	248	$\frac{1}{124}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{123}{248}$	$\Phi_{248}\ \Phi_{124}^{4}\ \Phi_{62}^{4}\ \Phi_{31}^{4}\ \Phi_{8}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
23346	625	246	$\frac{2}{123}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{121}{246}$	$\Phi_{246}^{2}\ \Phi_{123}^{3}\ \Phi_{82}^{2}\ \Phi_{41}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
23347	625	1152	$\frac{1}{48}$	$\frac{49}{576}$	$\frac{527}{1152}$	$\frac{47}{96}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{96}\ \Phi_{32}\ \Phi_{1}$
23348	625	864	$\frac{1}{48}$	$\frac{49}{288}$	$\frac{239}{864}$	$\frac{47}{96}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{1}$
23349	625	768	$\frac{1}{48}$	$\frac{143}{768}$	$\frac{49}{192}$	$\frac{47}{96}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{96}\ \Phi_{32}\ \Phi_{1}$
23350	625	1224	$\frac{13}{612}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{599}{1224}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{136}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
23351	625	168	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{43}{168}$	$\frac{41}{84}$	$\Phi_{168}^{5}\ \Phi_{56}^{5}\ \Phi_{42}^{5}\ \Phi_{24}^{5}\ \Phi_{21}^{5}\ \Phi_{14}^{5}\ \Phi_{8}^{5}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
23352	625	1216	$\frac{17}{608}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{591}{1216}$	$\Phi_{1216}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
23353	625	684	$\frac{2}{57}$	$\frac{59}{684}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{76}\ \Phi_{57}\ \Phi_{36}\ \Phi_{19}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
23354	625	756	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{131}{756}$	$\frac{121}{252}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
23355	625	48	$\frac{1}{24}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{23}{48}$	$\Phi_{48}^{2}\ \Phi_{24}^{24}\ \Phi_{16}^{2}\ \Phi_{12}^{24}\ \Phi_{8}^{24}\ \Phi_{6}^{24}\ \Phi_{4}^{24}\ \Phi_{3}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
23356	625	432	$\frac{1}{24}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{432}^{3}\ \Phi_{144}^{3}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
23357	625	144	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{23}{48}$	$\Phi_{144}^{12}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
23358	625	336	$\frac{1}{24}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{336}^{4}\ \Phi_{112}^{4}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
23359	625	96	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{23}{48}$	$\Phi_{96}^{8}\ \Phi_{48}\ \Phi_{32}^{9}\ \Phi_{24}^{8}\ \Phi_{16}^{2}\ \Phi_{12}^{8}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
23360	625	48	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{23}{48}$	$\Phi_{48}^{25}\ \Phi_{16}^{25}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
23361	625	714	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{113}{238}$	$\Phi_{714}\ \Phi_{357}\ \Phi_{119}\ \Phi_{102}\ \Phi_{51}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{17}\ \Phi_{14}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
23362	625	1188	$\frac{31}{594}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{563}{1188}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{132}\ \Phi_{108}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
23363	625	144	$\frac{1}{18}$	$\frac{19}{144}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{144}^{5}\ \Phi_{72}^{5}\ \Phi_{48}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{16}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
23364	625	132	$\frac{7}{132}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{132}^{5}\ \Phi_{66}^{4}\ \Phi_{44}^{5}\ \Phi_{33}^{5}\ \Phi_{22}^{4}\ \Phi_{12}^{5}\ \Phi_{11}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
23365	625	1176	$\frac{37}{588}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{551}{1176}$	$\Phi_{1176}\ \Phi_{392}\ \Phi_{168}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
23366	625	234	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{109}{234}$	$\Phi_{234}^{2}\ \Phi_{117}^{3}\ \Phi_{78}^{2}\ \Phi_{39}^{3}\ \Phi_{26}^{2}\ \Phi_{18}^{5}\ \Phi_{13}^{3}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
23367	625	84	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{84}^{8}\ \Phi_{42}^{10}\ \Phi_{28}^{4}\ \Phi_{21}^{10}\ \Phi_{14}^{5}\ \Phi_{12}^{8}\ \Phi_{7}^{5}\ \Phi_{6}^{9}\ \Phi_{4}^{4}\ \Phi_{3}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
23368	625	1152	$\frac{1}{24}$	$\frac{49}{576}$	$\frac{23}{72}$	$\frac{527}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
23369	625	1152	$\frac{1}{16}$	$\frac{49}{576}$	$\frac{15}{64}$	$\frac{527}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
23370	625	228	$\frac{2}{57}$	$\frac{11}{114}$	$\frac{1}{3}$	$\frac{103}{228}$	$\Phi_{228}^{5}\ \Phi_{76}^{5}\ \Phi_{57}\ \Phi_{19}\ \Phi_{12}^{5}\ \Phi_{4}^{5}\ \Phi_{1}$
23371	625	864	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{239}{864}$	$\frac{193}{432}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
23372	625	224	$\frac{1}{16}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{99}{224}$	$\Phi_{224}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
23373	625	672	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{6}$	$\frac{99}{224}$	$\Phi_{672}^{2}\ \Phi_{224}\ \Phi_{96}^{2}\ \Phi_{42}^{2}\ \Phi_{32}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
23374	625	768	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{143}{768}$	$\frac{113}{256}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
23375	625	672	$\frac{47}{672}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
23376	625	728	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{103}{728}$	$\frac{79}{182}$	$\Phi_{728}\ \Phi_{364}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
23377	625	1092	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{79}{546}$	$\frac{467}{1092}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{52}\ \Phi_{28}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
23378	625	216	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{1}{6}$	$\frac{91}{216}$	$\Phi_{216}^{5}\ \Phi_{72}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
23379	625	132	$\frac{7}{132}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{132}^{5}\ \Phi_{66}^{5}\ \Phi_{44}^{5}\ \Phi_{33}^{5}\ \Phi_{22}^{5}\ \Phi_{11}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
23380	625	42	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{4}{21}$	$\frac{17}{42}$	$\Phi_{42}^{13}\ \Phi_{21}^{17}\ \Phi_{14}^{13}\ \Phi_{7}^{17}\ \Phi_{6}^{12}\ \Phi_{3}^{16}\ \Phi_{2}^{12}\ \Phi_{1}^{17}$
23381	625	156	$\frac{1}{26}$	$\frac{5}{26}$	$\frac{31}{156}$	$\frac{21}{52}$	$\Phi_{156}^{5}\ \Phi_{78}^{5}\ \Phi_{39}^{5}\ \Phi_{26}^{4}\ \Phi_{13}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
23382	625	208	$\frac{1}{26}$	$\frac{5}{26}$	$\frac{21}{104}$	$\frac{83}{208}$	$\Phi_{208}^{5}\ \Phi_{26}^{4}\ \Phi_{16}^{5}\ \Phi_{13}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
23383	625	1024	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{113}{512}$	$\frac{399}{1024}$	$\Phi_{1024}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
23384	625	1008	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{121}{504}$	$\frac{383}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
23385	625	744	$\frac{1}{62}$	$\frac{1}{4}$	$\frac{61}{186}$	$\frac{3}{8}$	$\Phi_{744}^{2}\ \Phi_{186}\ \Phi_{93}\ \Phi_{24}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
23386	625	128	$\frac{3}{128}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{128}^{5}\ \Phi_{64}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{5}\ \Phi_{8}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
23387	625	248	$\frac{1}{31}$	$\frac{6}{31}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{248}^{4}\ \Phi_{31}^{4}\ \Phi_{8}^{5}\ \Phi_{1}^{5}$
23388	625	312	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^{4}\ \Phi_{104}^{2}\ \Phi_{78}^{2}\ \Phi_{39}^{2}\ \Phi_{26}\ \Phi_{24}^{2}\ \Phi_{13}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
23389	625	648	$\frac{23}{648}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
23390	625	192	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{29}{96}$	$\frac{67}{192}$	$\Phi_{192}^{5}\ \Phi_{64}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
23391	625	144	$\frac{1}{24}$	$\frac{19}{144}$	$\frac{23}{72}$	$\frac{49}{144}$	$\Phi_{144}^{4}\ \Phi_{72}^{5}\ \Phi_{48}^{4}\ \Phi_{36}^{5}\ \Phi_{24}^{4}\ \Phi_{18}^{5}\ \Phi_{16}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
23392	625	936	$\frac{1}{78}$	$\frac{77}{234}$	$\frac{311}{936}$	$\frac{157}{468}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{234}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
23393	625	27	$\frac{2}{27}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{27}^{23}\ \Phi_{9}^{23}\ \Phi_{3}^{24}\ \Phi_{1}^{25}$
23394	625	693	$\frac{2}{33}$	$\frac{68}{693}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{77}\ \Phi_{63}\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
23395	625	108	$\frac{2}{27}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{108}^{6}\ \Phi_{54}^{6}\ \Phi_{36}^{4}\ \Phi_{27}^{7}\ \Phi_{18}^{4}\ \Phi_{12}^{6}\ \Phi_{9}^{5}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
23396	625	891	$\frac{2}{33}$	$\frac{31}{297}$	$\frac{266}{891}$	$\frac{1}{3}$	$\Phi_{891}\ \Phi_{81}\ \Phi_{33}\ \Phi_{11}\ \Phi_{1}$
23397	625	171	$\frac{2}{57}$	$\frac{11}{57}$	$\frac{46}{171}$	$\frac{1}{3}$	$\Phi_{171}^{5}\ \Phi_{57}\ \Phi_{19}\ \Phi_{9}^{5}\ \Phi_{1}$
23398	625	756	$\frac{2}{27}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{28}\ \Phi_{27}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
23399	625	864	$\frac{2}{27}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
23400	625	792	$\frac{2}{33}$	$\frac{31}{198}$	$\frac{167}{792}$	$\frac{1}{3}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
23401	625	54	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{54}^{12}\ \Phi_{27}^{13}\ \Phi_{18}^{12}\ \Phi_{9}^{13}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
23402	625	864	$\frac{1}{24}$	$\frac{49}{288}$	$\frac{239}{864}$	$\frac{23}{72}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
23403	625	918	$\frac{13}{306}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{293}{918}$	$\Phi_{918}\ \Phi_{459}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
23404	625	162	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{37}{162}$	$\frac{17}{54}$	$\Phi_{162}^{5}\ \Phi_{81}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
23405	625	36	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{11}{36}$	$\Phi_{36}^{14}\ \Phi_{18}^{14}\ \Phi_{12}^{24}\ \Phi_{9}^{14}\ \Phi_{6}^{24}\ \Phi_{4}^{24}\ \Phi_{3}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
23406	625	252	$\frac{1}{12}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{252}^{4}\ \Phi_{126}^{4}\ \Phi_{63}^{4}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
23407	625	288	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{11}{36}$	$\Phi_{288}^{4}\ \Phi_{144}^{4}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
23408	625	36	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{11}{36}$	$\Phi_{36}^{25}\ \Phi_{18}^{25}\ \Phi_{9}^{25}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
23409	625	882	$\frac{5}{42}$	$\frac{37}{294}$	$\frac{1}{6}$	$\frac{257}{882}$	$\Phi_{882}\ \Phi_{441}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
23410	625	819	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{194}{819}$	$\frac{79}{273}$	$\Phi_{819}\ \Phi_{117}\ \Phi_{91}\ \Phi_{63}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
23411	625	84	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{84}^{10}\ \Phi_{42}^{8}\ \Phi_{28}^{5}\ \Phi_{21}^{8}\ \Phi_{14}^{3}\ \Phi_{12}^{10}\ \Phi_{7}^{5}\ \Phi_{6}^{7}\ \Phi_{4}^{5}\ \Phi_{3}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{5}$
23412	625	117	$\frac{4}{39}$	$\frac{17}{117}$	$\frac{7}{39}$	$\frac{32}{117}$	$\Phi_{117}^{5}\ \Phi_{39}^{6}\ \Phi_{13}^{6}\ \Phi_{9}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
23413	625	168	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{56}$	$\frac{43}{168}$	$\Phi_{168}^{3}\ \Phi_{84}^{3}\ \Phi_{56}^{4}\ \Phi_{42}^{5}\ \Phi_{28}^{4}\ \Phi_{24}^{3}\ \Phi_{21}^{5}\ \Phi_{14}^{5}\ \Phi_{12}^{3}\ \Phi_{8}^{4}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
23414	625	768	$\frac{1}{16}$	$\frac{143}{768}$	$\frac{15}{64}$	$\frac{49}{192}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
23415	625	28	$\frac{3}{28}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{28}^{22}\ \Phi_{14}^{22}\ \Phi_{7}^{22}\ \Phi_{4}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
23416	625	224	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{224}^4\ \Phi_{112}^4\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
23417	625	84	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{84}^8\ \Phi_{42}^8\ \Phi_{28}^9\ \Phi_{21}^8\ \Phi_{14}^9\ \Phi_7^9\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
23418	625	32	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{7}{32}$	$\Phi_{32}^{18}\ \Phi_{16}^{18}\ \Phi_8^{24}\ \Phi_4^{24}\ \Phi_2^{24}\ \Phi_1^{25}$
23419	625	96	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{7}{32}$	$\Phi_{96}^8\ \Phi_{48}^8\ \Phi_{32}^9\ \Phi_{16}^9\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
23420	625	144	$\frac{19}{144}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{144}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
23421	625	6	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_6^{104}\ \Phi_3^{104}\ \Phi_2^{104}\ \Phi_1^{105}$
23422	626	500	$\frac{1}{125}$	$\frac{63}{250}$	$\frac{187}{500}$	$\frac{62}{125}$	$\Phi_{500}^2\ \Phi_{125}\ \Phi_{100}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
23423	626	620	$\frac{3}{310}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{307}{620}$	$\Phi_{620}^2\ \Phi_{124}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
23424	626	615	$\frac{11}{615}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{302}{615}$	$\Phi_{615}\ \Phi_{205}\ \Phi_{123}\ \Phi_{41}\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
23425	626	420	$\frac{2}{105}$	$\frac{1}{5}$	$\frac{107}{420}$	$\frac{103}{210}$	$\Phi_{420}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
23426	626	600	$\frac{1}{25}$	$\frac{13}{300}$	$\frac{287}{600}$	$\frac{12}{25}$	$\Phi_{600}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{40}^2\ \Phi_{25}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
23427	626	450	$\frac{1}{25}$	$\frac{13}{150}$	$\frac{137}{450}$	$\frac{12}{25}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{25}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
23428	626	350	$\frac{1}{25}$	$\frac{37}{350}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{350}^2\ \Phi_{175}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{25}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
23429	626	400	$\frac{1}{25}$	$\frac{13}{100}$	$\frac{87}{400}$	$\frac{12}{25}$	$\Phi_{400}^2\ \Phi_{200}^2\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{25}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
23430	626	375	$\frac{1}{25}$	$\frac{62}{375}$	$\frac{13}{75}$	$\frac{12}{25}$	$\Phi_{375}^2\ \Phi_{125}^2\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
23431	626	600	$\frac{13}{300}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{287}{600}$	$\Phi_{600}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
23432	626	360	$\frac{2}{45}$	$\frac{47}{360}$	$\frac{1}{5}$	$\frac{43}{90}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
23433	626	595	$\frac{31}{595}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{282}{595}$	$\Phi_{595}\ \Phi_{119}\ \Phi_{85}\ \Phi_{35}^2\ \Phi_{17}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
23434	626	350	$\frac{2}{35}$	$\frac{37}{350}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{350}^2\ \Phi_{175}^2\ \Phi_{50}^2\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
23435	626	585	$\frac{41}{585}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{272}{585}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
23436	626	560	$\frac{2}{35}$	$\frac{33}{280}$	$\frac{1}{5}$	$\frac{247}{560}$	$\Phi_{560}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{35}^2\ \Phi_{16}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
23437	626	330	$\frac{17}{330}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
23438	626	540	$\frac{2}{45}$	$\frac{43}{270}$	$\frac{1}{5}$	$\frac{227}{540}$	$\Phi_{540}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
23439	626	525	$\frac{4}{105}$	$\frac{101}{525}$	$\frac{1}{5}$	$\frac{212}{525}$	$\Phi_{525}\ \Phi_{175}\ \Phi_{105}^2\ \Phi_{75}\ \Phi_{35}^2\ \Phi_{25}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
23440	626	465	$\frac{3}{155}$	$\frac{1}{5}$	$\frac{152}{465}$	$\frac{2}{5}$	$\Phi_{465}^2\ \Phi_{93}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
23441	626	320	$\frac{7}{320}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{320}^2\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
23442	626	405	$\frac{2}{45}$	$\frac{1}{5}$	$\frac{92}{405}$	$\frac{43}{135}$	$\Phi_{405}^2\ \Phi_{81}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
23443	626	450	$\frac{13}{150}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{137}{450}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
23444	626	420	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{33}{140}$	$\frac{107}{420}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
23445	626	360	$\frac{47}{360}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
23446	626	375	$\frac{2}{15}$	$\frac{62}{375}$	$\frac{13}{75}$	$\frac{1}{5}$	$\Phi_{375}^2\ \Phi_{125}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
23447	627	828	$\frac{2}{207}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{205}{414}$	$\Phi_{828}\ \Phi_{276}\ \Phi_{207}\ \Phi_{92}\ \Phi_{69}\ \Phi_{36}\ \Phi_{23}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
23448	627	280	$\frac{1}{70}$	$\frac{1}{4}$	$\frac{71}{280}$	$\frac{69}{140}$	$\Phi_{280}^3\ \Phi_{140}^2\ \Phi_{70}\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_8^3\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
23449	627	560	$\frac{1}{56}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{55}{112}$	$\Phi_{560}^2\ \Phi_{112}^3\ \Phi_{80}^2\ \Phi_{20}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
23450	627	1680	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{55}{112}$	$\Phi_{1680}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{48}\ \Phi_{16}\ \Phi_{15}\ \Phi_3\ \Phi_1$
23451	627	820	$\frac{4}{205}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{201}{410}$	$\Phi_{820}\ \Phi_{205}\ \Phi_{164}\ \Phi_{41}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
23452	627	252	$\frac{1}{42}$	$\frac{43}{252}$	$\frac{1}{4}$	$\frac{41}{84}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}^2\ \Phi_{63}^3\ \Phi_{42}\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{18}^3\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9^3\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
23453	627	408	$\frac{5}{204}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{199}{408}$	$\Phi_{408}^3\ \Phi_{136}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
23454	627	812	$\frac{6}{203}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{197}{406}$	$\Phi_{812}\ \Phi_{203}\ \Phi_{116}\ \Phi_{29}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
23455	627	576	$\frac{1}{32}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{31}{64}$	$\Phi_{576}^2\ \Phi_{192}^2\ \Phi_{64}^3\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
23456	627	1344	$\frac{1}{32}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{64}\ \Phi_{21}\ \Phi_7\ \Phi_1$
23457	627	1728	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{31}{64}$	$\Phi_{1728}\ \Phi_{64}\ \Phi_{27}\ \Phi_1$
23458	627	192	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{31}{64}$	$\Phi_{192}^6\ \Phi_{64}^7\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
23459	627	240	$\frac{1}{30}$	$\frac{31}{240}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
23460	627	400	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{191}{400}$	$\Phi_{400}^3\ \Phi_{80}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
23461	627	144	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{17}{36}$	$\Phi_{144}^4\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{36}^5\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{16}^6\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^6\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
23462	627	36	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{36}^{17}\ \Phi_{18}^{16}\ \Phi_{12}^{20}\ \Phi_9^{16}\ \Phi_6^{19}\ \Phi_4^{19}\ \Phi_3^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
23463	627	360	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{17}{36}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^3\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
23464	627	392	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{183}{392}$	$\Phi_{392}^3\ \Phi_{56}^3\ \Phi_{28}^2\ \Phi_{14}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
23465	627	224	$\frac{15}{224}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{224}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
23466	627	780	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{1}{4}$	$\frac{181}{390}$	$\Phi_{780}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
23467	627	140	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{9}{28}$	$\frac{9}{20}$	$\Phi_{140}^4\ \Phi_{70}^4\ \Phi_{35}^4\ \Phi_{28}^6\ \Phi_{20}^5\ \Phi_{14}^6\ \Phi_{10}^4\ \Phi_7^6\ \Phi_5^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
23468	627	20	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{20}^{32}\ \Phi_{10}^{31}\ \Phi_5^{31}\ \Phi_4^{31}\ \Phi_2^{30}\ \Phi_1^{31}$
23469	627	140	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{70}$	$\frac{9}{20}$	$\Phi_{140}^8\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^8\ \Phi_{20}^9\ \Phi_{10}\ \Phi_5\ \Phi_4^9\ \Phi_1$
23470	627	420	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{420}^3\ \Phi_{140}^2\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
23471	627	320	$\frac{1}{10}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{320}^2\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{20}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
23472	627	756	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{1}{4}$	$\frac{169}{378}$	$\Phi_{756}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
23473	627	360	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{1}{4}$	$\frac{151}{360}$	$\Phi_{360}^3\ \Phi_{120}^3\ \Phi_{72}^3\ \Phi_{60}^2\ \Phi_{40}^3\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
23474	627	216	$\frac{7}{216}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{216}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
23475	627	544	$\frac{1}{34}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{544}^2\ \Phi_{68}^2\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_4\ \Phi_1$
23476	627	700	$\frac{1}{35}$	$\frac{34}{175}$	$\frac{1}{4}$	$\frac{141}{350}$	$\Phi_{700}\ \Phi_{175}\ \Phi_{140}^2\ \Phi_{100}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
23477	627	522	$\frac{1}{58}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{522}\ \Phi_{261}\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{58}\ \Phi_{29}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
23478	627	336	$\frac{1}{42}$	$\frac{41}{168}$	$\frac{1}{4}$	$\frac{127}{336}$	$\Phi_{336}^3\ \Phi_{112}^3\ \Phi_{84}^2\ \Phi_{48}^3\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{16}^3\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
23479	627	464	$\frac{1}{58}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{464}^2\ \Phi_{116}^2\ \Phi_{58}\ \Phi_{29}\ \Phi_{16}\ \Phi_4\ \Phi_1$
23480	627	408	$\frac{1}{34}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
23481	627	510	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{170}^2\ \Phi_{102}\ \Phi_{85}^2\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$
23482	627	336	$\frac{1}{16}$	$\frac{2}{21}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
23483	627	276	$\frac{2}{69}$	$\frac{67}{276}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{23}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
23484	627	216	$\frac{7}{216}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{216}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
23485	627	84	$\frac{1}{12}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^{8}\ \Phi_{42}^{8}\ \Phi_{28}^{8}\ \Phi_{21}^{9}\ \Phi_{14}^{8}\ \Phi_{12}^{3}\ \Phi_{7}^{9}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
23486	627	840	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{21}\ \Phi_{20}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
23487	627	540	$\frac{1}{30}$	$\frac{61}{270}$	$\frac{1}{4}$	$\frac{29}{90}$	$\Phi_{540}^{2}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}^{2}\ \Phi_{60}^{2}\ \Phi_{54}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
23488	627	420	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{9}{28}$	$\Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{60}^{2}\ \Phi_{42}^{2}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
23489	627	252	$\frac{1}{21}$	$\frac{43}{252}$	$\frac{1}{4}$	$\frac{20}{63}$	$\Phi_{252}^{2}\ \Phi_{126}^{2}\ \Phi_{84}^{3}\ \Phi_{63}^{3}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{18}^{2}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
23490	627	612	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{97}{306}$	$\Phi_{612}^{2}\ \Phi_{306}\ \Phi_{153}\ \Phi_{36}^{2}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
23491	627	432	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{5}{16}$	$\Phi_{432}^{2}\ \Phi_{216}^{2}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{27}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
23492	627	48	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{5}{16}$	$\Phi_{48}^{12}\ \Phi_{24}^{13}\ \Phi_{16}^{14}\ \Phi_{12}^{13}\ \Phi_{8}^{15}\ \Phi_{6}^{12}\ \Phi_{4}^{15}\ \Phi_{3}^{12}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
23493	627	300	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{91}{300}$	$\Phi_{300}^{3}\ \Phi_{150}^{3}\ \Phi_{75}^{3}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}\ \Phi_{6}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
23494	627	108	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{108}^{8}\ \Phi_{54}^{8}\ \Phi_{27}^{9}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
23495	627	1080	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{8}{27}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{40}\ \Phi_{27}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
23496	627	588	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{4}$	$\frac{85}{294}$	$\Phi_{588}^{2}\ \Phi_{294}\ \Phi_{147}\ \Phi_{84}^{2}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
23497	627	60	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{60}^{14}\ \Phi_{30}^{14}\ \Phi_{20}^{3}\ \Phi_{15}^{15}\ \Phi_{12}^{14}\ \Phi_{10}^{3}\ \Phi_{6}^{14}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{15}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
23498	627	210	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{210}^{4}\ \Phi_{105}^{4}\ \Phi_{70}\ \Phi_{42}^{4}\ \Phi_{35}\ \Phi_{30}^{4}\ \Phi_{21}^{4}\ \Phi_{15}^{5}\ \Phi_{10}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{3}^{5}\ \Phi_{1}$
23499	627	105	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{105}^{5}\ \Phi_{35}^{6}\ \Phi_{21}^{8}\ \Phi_{15}^{6}\ \Phi_{7}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{9}\ \Phi_{1}^{9}$
23500	627	960	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
23501	627	240	$\frac{1}{10}$	$\frac{31}{240}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{240}^{3}\ \Phi_{120}^{3}\ \Phi_{80}^{3}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}\ \Phi_{6}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
23502	627	84	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{84}^{11}\ \Phi_{42}^{4}\ \Phi_{28}^{8}\ \Phi_{21}^{7}\ \Phi_{14}^{3}\ \Phi_{12}^{11}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{7}\ \Phi_{3}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{5}$
23503	627	24	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{24}^{33}\ \Phi_{12}^{20}\ \Phi_{8}^{33}\ \Phi_{6}^{19}\ \Phi_{4}^{19}\ \Phi_{3}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
23504	627	500	$\frac{1}{10}$	$\frac{41}{250}$	$\frac{9}{50}$	$\frac{1}{4}$	$\Phi_{500}^{2}\ \Phi_{250}\ \Phi_{125}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
23505	627	120	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{40}$	$\frac{5}{24}$	$\Phi_{120}^{6}\ \Phi_{60}^{6}\ \Phi_{40}^{7}\ \Phi_{30}^{6}\ \Phi_{24}\ \Phi_{20}^{7}\ \Phi_{15}^{6}\ \Phi_{12}\ \Phi_{10}^{7}\ \Phi_{8}\ \Phi_{5}^{7}\ \Phi_{4}\ \Phi_{1}$
23506	628	312	$\frac{1}{156}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{155}{312}$	$\Phi_{312}^{4}\ \Phi_{104}^{4}\ \Phi_{24}^{4}\ \Phi_{8}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
23507	628	210	$\frac{1}{105}$	$\frac{53}{210}$	$\frac{1}{3}$	$\frac{52}{105}$	$\Phi_{210}^{4}\ \Phi_{105}^{2}\ \Phi_{70}^{4}\ \Phi_{42}^{4}\ \Phi_{35}^{2}\ \Phi_{30}^{4}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
23508	628	621	$\frac{7}{621}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{307}{621}$	$\Phi_{621}\ \Phi_{207}\ \Phi_{69}\ \Phi_{27}\ \Phi_{23}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
23509	628	930	$\frac{2}{155}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{153}{310}$	$\Phi_{930}^{2}\ \Phi_{186}^{2}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{6}^{2}$
23510	628	209	$\frac{3}{209}$	$\frac{52}{209}$	$\frac{53}{209}$	$\frac{103}{209}$	$\Phi_{209}^{3}\ \Phi_{19}^{3}\ \Phi_{11}^{3}\ \Phi_{1}^{4}$
23511	628	189	$\frac{1}{63}$	$\frac{32}{189}$	$\frac{1}{3}$	$\frac{31}{63}$	$\Phi_{189}^{4}\ \Phi_{63}^{2}\ \Phi_{27}^{4}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
23512	628	285	$\frac{1}{57}$	$\frac{29}{285}$	$\frac{128}{285}$	$\frac{28}{57}$	$\Phi_{285}^{2}\ \Phi_{95}^{2}\ \Phi_{57}^{3}\ \Phi_{19}^{3}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
23513	628	308	$\frac{3}{154}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{151}{308}$	$\Phi_{308}^{4}\ \Phi_{44}^{4}\ \Phi_{28}^{4}\ \Phi_{11}\ \Phi_{4}^{4}\ \Phi_{1}^{2}$
23514	628	924	$\frac{3}{154}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{151}{308}$	$\Phi_{924}^{2}\ \Phi_{132}^{2}\ \Phi_{84}^{2}\ \Phi_{21}\ \Phi_{12}^{2}$
23515	628	615	$\frac{13}{615}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{301}{615}$	$\Phi_{615}\ \Phi_{205}\ \Phi_{123}\ \Phi_{41}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
23516	628	180	$\frac{1}{45}$	$\frac{23}{180}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{180}^{4}\ \Phi_{90}^{4}\ \Phi_{60}^{4}\ \Phi_{45}^{2}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{18}^{4}\ \Phi_{15}^{2}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
23517	628	306	$\frac{4}{153}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{149}{306}$	$\Phi_{306}^{4}\ \Phi_{102}^{4}\ \Phi_{34}^{4}\ \Phi_{18}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
23518	628	525	$\frac{1}{35}$	$\frac{18}{175}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{525}^{2}\ \Phi_{105}\ \Phi_{75}^{2}\ \Phi_{21}\ \Phi_{15}$
23519	628	297	$\frac{1}{33}$	$\frac{17}{297}$	$\frac{140}{297}$	$\frac{16}{33}$	$\Phi_{297}^{2}\ \Phi_{99}^{2}\ \Phi_{33}^{3}\ \Phi_{27}^{2}\ \Phi_{11}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
23520	628	198	$\frac{1}{33}$	$\frac{17}{99}$	$\frac{41}{198}$	$\frac{16}{33}$	$\Phi_{198}^4\ \Phi_{99}^2\ \Phi_{66}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{11}^3\ \Phi_9^2\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
23521	628	609	$\frac{19}{609}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{295}{609}$	$\Phi_{609}\ \Phi_{203}\ \Phi_{87}\ \Phi_{29}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
23522	628	304	$\frac{5}{152}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{147}{304}$	$\Phi_{304}^4\ \Phi_{19}\ \Phi_{16}^4\ \Phi_1^2$
23523	628	304	$\frac{5}{152}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{147}{304}$	$\Phi_{304}^4\ \Phi_{19}\ \Phi_{16}^4\ \Phi_1^2$
23524	628	300	$\frac{7}{150}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{143}{300}$	$\Phi_{300}^4\ \Phi_{100}^4\ \Phi_{60}^4\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
23525	628	168	$\frac{1}{21}$	$\frac{11}{168}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{168}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_7^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
23526	628	228	$\frac{1}{19}$	$\frac{5}{76}$	$\frac{71}{228}$	$\frac{9}{19}$	$\Phi_{228}^4\ \Phi_{114}^4\ \Phi_{57}^4\ \Phi_{19}\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4\ \Phi_1^2$
23527	628	171	$\frac{1}{19}$	$\frac{14}{171}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{171}^4\ \Phi_{57}^4\ \Phi_{19}\ \Phi_9^4\ \Phi_3^4\ \Phi_1^2$
23528	628	190	$\frac{1}{19}$	$\frac{5}{38}$	$\frac{33}{190}$	$\frac{9}{19}$	$\Phi_{190}^4\ \Phi_{95}^4\ \Phi_{19}\ \Phi_{10}^4\ \Phi_5^4\ \Phi_1^2$
23529	628	165	$\frac{8}{165}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{165}^4\ \Phi_{55}^4\ \Phi_{33}^4\ \Phi_{15}^2\ \Phi_{11}^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
23530	628	294	$\frac{1}{21}$	$\frac{10}{147}$	$\frac{1}{3}$	$\frac{137}{294}$	$\Phi_{294}^4\ \Phi_{98}^4\ \Phi_{42}^4\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
23531	628	585	$\frac{2}{45}$	$\frac{43}{585}$	$\frac{1}{3}$	$\frac{271}{585}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
23532	628	231	$\frac{3}{77}$	$\frac{1}{11}$	$\frac{74}{231}$	$\frac{5}{11}$	$\Phi_{231}^4\ \Phi_{33}^4\ \Phi_{21}^4\ \Phi_{11}\ \Phi_3^4\ \Phi_1^2$
23533	628	165	$\frac{8}{165}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{165}^4\ \Phi_{55}^4\ \Phi_{33}^4\ \Phi_{15}^4\ \Phi_{11}\ \Phi_5^4\ \Phi_3^4\ \Phi_1^2$
23534	628	385	$\frac{6}{77}$	$\frac{1}{11}$	$\frac{71}{385}$	$\frac{5}{11}$	$\Phi_{385}^2\ \Phi_{55}^2\ \Phi_{35}^2\ \Phi_{11}\ \Phi_5^2\ \Phi_1^2$
23535	628	176	$\frac{1}{11}$	$\frac{19}{176}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{176}^4\ \Phi_{88}^4\ \Phi_{44}^4\ \Phi_{16}^4\ \Phi_{11}\ \Phi_8^4\ \Phi_4^4\ \Phi_1^2$
23536	628	567	$\frac{2}{63}$	$\frac{61}{567}$	$\frac{1}{3}$	$\frac{253}{567}$	$\Phi_{567}\ \Phi_{189}\ \Phi_{81}\ \Phi_{63}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
23537	628	162	$\frac{5}{162}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{162}^4\ \Phi_{81}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
23538	628	840	$\frac{1}{35}$	$\frac{17}{140}$	$\frac{1}{3}$	$\frac{123}{280}$	$\Phi_{840}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{15}$
23539	628	483	$\frac{4}{161}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{483}^2\ \Phi_{69}^2\ \Phi_{21}$
23540	628	270	$\frac{1}{45}$	$\frac{22}{135}$	$\frac{1}{3}$	$\frac{113}{270}$	$\Phi_{270}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^2\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
23541	628	264	$\frac{1}{33}$	$\frac{25}{132}$	$\frac{8}{33}$	$\frac{107}{264}$	$\Phi_{264}^4\ \Phi_{88}^4\ \Phi_{33}^3\ \Phi_{24}^4\ \Phi_{11}^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
23542	628	525	$\frac{2}{105}$	$\frac{103}{525}$	$\frac{1}{3}$	$\frac{211}{525}$	$\Phi_{525}\ \Phi_{175}\ \Phi_{105}^2\ \Phi_{75}\ \Phi_{35}^2\ \Phi_{25}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
23543	628	480	$\frac{3}{160}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
23544	628	513	$\frac{1}{57}$	$\frac{115}{513}$	$\frac{56}{171}$	$\frac{199}{513}$	$\Phi_{513}\ \Phi_{171}^2\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
23545	628	198	$\frac{1}{33}$	$\frac{41}{198}$	$\frac{8}{33}$	$\frac{25}{66}$	$\Phi_{198}^4\ \Phi_{99}^4\ \Phi_{33}^3\ \Phi_{18}^4\ \Phi_{11}^3\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
23546	628	228	$\frac{1}{57}$	$\frac{14}{57}$	$\frac{71}{228}$	$\frac{43}{114}$	$\Phi_{228}^4\ \Phi_{76}^4\ \Phi_{57}^3\ \Phi_{19}^3\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
23547	628	252	$\frac{1}{63}$	$\frac{31}{126}$	$\frac{1}{3}$	$\frac{95}{252}$	$\Phi_{252}^4\ \Phi_{84}^4\ \Phi_{63}^2\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_7^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
23548	628	495	$\frac{1}{33}$	$\frac{32}{165}$	$\frac{133}{495}$	$\frac{181}{495}$	$\Phi_{495}\ \Phi_{165}^2\ \Phi_{99}\ \Phi_{55}^2\ \Phi_{45}\ \Phi_{33}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
23549	628	159	$\frac{2}{159}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{159}^4\ \Phi_{53}^4\ \Phi_3\ \Phi_1^2$
23550	628	234	$\frac{1}{78}$	$\frac{77}{234}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{234}^4\ \Phi_{117}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
23551	628	480	$\frac{3}{160}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
23552	628	624	$\frac{1}{52}$	$\frac{51}{208}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
23553	628	195	$\frac{1}{39}$	$\frac{38}{195}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^4\ \Phi_{65}^4\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
23554	628	162	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{162}^4\ \Phi_{81}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
23555	628	546	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{546}\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
23556	628	351	$\frac{2}{39}$	$\frac{37}{351}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{351}^2\ \Phi_{117}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
23557	628	168	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{168}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
23558	628	507	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{507}\ \Phi_{169}^2\ \Phi_3\ \Phi_1^2$
23559	628	405	$\frac{1}{45}$	$\frac{91}{405}$	$\frac{44}{135}$	$\frac{1}{3}$	$\Phi_{405}^2\ \Phi_{81}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
23560	628	465	$\frac{4}{155}$	$\frac{1}{5}$	$\frac{151}{465}$	$\frac{1}{3}$	$\Phi_{465}\ \Phi_{155}^2\ \Phi_{93}\ \Phi_{31}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
23561	628	189	$\frac{2}{63}$	$\frac{32}{189}$	$\frac{61}{189}$	$\frac{1}{3}$	$\Phi_{189}^3\ \Phi_{63}^4\ \Phi_{27}^3\ \Phi_{21}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
23562	628	231	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{74}{231}$	$\frac{1}{3}$	$\Phi_{231}^2\ \Phi_{77}^4\ \Phi_{33}^2\ \Phi_{21}^3\ \Phi_{11}^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
23563	628	459	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{145}{459}$	$\frac{1}{3}$	$\Phi_{459}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
23564	628	225	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{68}{225}$	$\frac{1}{3}$	$\Phi_{225}^4\ \Phi_{45}^4\ \Phi_{15}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
23565	628	441	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{127}{441}$	$\frac{1}{3}$	$\Phi_{441}^2\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
23566	628	162	$\frac{5}{162}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{162}^4\ \Phi_{81}^4\ \Phi_{54}^4\ \Phi_{27}^3\ \Phi_{18}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
23567	628	210	$\frac{1}{35}$	$\frac{17}{70}$	$\frac{53}{210}$	$\frac{1}{3}$	$\Phi_{210}^2\ \Phi_{105}^3\ \Phi_{70}^4\ \Phi_{42}^2\ \Phi_{35}^4\ \Phi_{30}^2\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
23568	628	207	$\frac{7}{207}$	$\frac{2}{9}$	$\frac{50}{207}$	$\frac{1}{3}$	$\Phi_{207}^3\ \Phi_{69}^3\ \Phi_{23}^3\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
23569	628	180	$\frac{1}{15}$	$\frac{23}{180}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_9^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
23570	628	168	$\frac{11}{168}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{168}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{42}^2\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
23571	628	375	$\frac{1}{15}$	$\frac{61}{375}$	$\frac{14}{75}$	$\frac{1}{3}$	$\Phi_{375}^2\ \Phi_{125}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
23572	628	1155	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{385}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{165}\ \Phi_{105}\ \Phi_{21}\ \Phi_{15}$
23573	628	228	$\frac{5}{76}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{71}{228}$	$\Phi_{228}^4\ \Phi_{114}^4\ \Phi_{57}^4\ \Phi_{19}\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4\ \Phi_1^2$
23574	628	171	$\frac{14}{171}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{171}^4\ \Phi_{57}^4\ \Phi_{19}\ \Phi_9^4\ \Phi_3^4\ \Phi_1^2$
23575	628	190	$\frac{5}{38}$	$\frac{3}{19}$	$\frac{33}{190}$	$\frac{4}{19}$	$\Phi_{190}^4\ \Phi_{95}^4\ \Phi_{19}\ \Phi_{10}^4\ \Phi_5^4\ \Phi_1^2$
23576	629	1248	$\frac{5}{624}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{619}{1248}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{96}\ \Phi_{32}\ \Phi_8\ \Phi_1$
23577	629	288	$\frac{1}{36}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{35}{72}$	$\Phi_{288}^4\ \Phi_{96}^4\ \Phi_{72}\ \Phi_{32}^5\ \Phi_{24}\ \Phi_8\ \Phi_1$
23578	629	72	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{35}{72}$	$\Phi_{72}^9\ \Phi_{36}^8\ \Phi_{24}^{10}\ \Phi_{18}^8\ \Phi_{12}^9\ \Phi_9^8\ \Phi_8^9\ \Phi_6^9\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
23579	629	360	$\frac{1}{36}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{360}^4\ \Phi_{120}^4\ \Phi_{72}\ \Phi_{40}^4\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
23580	629	1248	$\frac{2}{39}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{39}\ \Phi_{32}\ \Phi_{13}\ \Phi_1$
23581	629	864	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{17}{54}$	$\frac{15}{32}$	$\Phi_{864}^2\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_1$
23582	629	160	$\frac{1}{16}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{160}^8\ \Phi_{40}\ \Phi_{32}^5\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
23583	629	96	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{15}{32}$	$\Phi_{96}^{12}\ \Phi_{48}\ \Phi_{32}^{13}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
23584	629	1440	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{15}{32}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{160}\ \Phi_{45}\ \Phi_{32}\ \Phi_{15}\ \Phi_5\ \Phi_1$
23585	629	672	$\frac{1}{16}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{672}^2\ \Phi_{224}^2\ \Phi_{42}\ \Phi_{32}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
23586	629	570	$\frac{1}{38}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{114}^2\ \Phi_{95}\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{19}\ \Phi_{15}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
23587	629	456	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{456}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
23588	629	936	$\frac{5}{312}$	$\frac{1}{4}$	$\frac{307}{936}$	$\frac{3}{8}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{117}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
23589	629	640	$\frac{11}{640}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
23590	629	832	$\frac{5}{208}$	$\frac{203}{832}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{832}\ \Phi_{416}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_1$
23591	629	648	$\frac{19}{648}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
23592	629	728	$\frac{5}{104}$	$\frac{99}{728}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{91}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
23593	629	672	$\frac{43}{672}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
23594	629	312	$\frac{2}{39}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{13}^3\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
23595	629	780	$\frac{2}{39}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{65}\ \Phi_{39}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_1$
23596	629	216	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{54}$	$\Phi_{216}^4\ \Phi_{108}^4\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
23597	629	540	$\frac{1}{18}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{54}\ \Phi_{27}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
23598	629	120	$\frac{3}{40}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{120}^8\ \Phi_{60}^8\ \Phi_{40}\ \Phi_{30}^8\ \Phi_{24}^5\ \Phi_{20}\ \Phi_{15}^8\ \Phi_{12}^5\ \Phi_{10}\ \Phi_8\ \Phi_6^5\ \Phi_5\ \Phi_3^5\ \Phi_1$
23599	629	48	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{48}$	$\frac{7}{24}$	$\Phi_{48}^{17}\ \Phi_{24}^{10}\ \Phi_{16}^{17}\ \Phi_{12}^9\ \Phi_8^9\ \Phi_6^9\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
23600	629	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{45}$	$\frac{7}{24}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^3\ \Phi_3\ \Phi_1$
23601	629	168	$\frac{5}{42}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{168}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{42}^5\ \Phi_{28}^4\ \Phi_{24}\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{12}\ \Phi_7^5\ \Phi_6\ \Phi_3\ \Phi_1$
23602	629	40	$\frac{3}{40}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{40}^{17}\ \Phi_{20}^{14}\ \Phi_{10}^{14}\ \Phi_8^{17}\ \Phi_5^{14}\ \Phi_4^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
23603	629	240	$\frac{1}{12}$	$\frac{3}{20}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{48}\ \Phi_{40}^4\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
23604	629	180	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^5\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
23605	629	420	$\frac{5}{42}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
23606	630	1000	$\frac{1}{125}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{62}{125}$	$\Phi_{1000}\ \Phi_{200}\ \Phi_{125}\ \Phi_{40}\ \Phi_{25}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
23607	630	1040	$\frac{1}{104}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{103}{208}$	$\Phi_{1040}\ \Phi_{208}^2\ \Phi_{80}\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
23608	630	624	$\frac{1}{104}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{103}{208}$	$\Phi_{624}^3\ \Phi_{48}^3\ \Phi_{12}\ \Phi_6$
23609	630	1068	$\frac{1}{89}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{44}{89}$	$\Phi_{1068}\ \Phi_{356}\ \Phi_{89}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
23610	630	801	$\frac{1}{89}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{44}{89}$	$\Phi_{801}\ \Phi_{89}\ \Phi_9^2\ \Phi_1^2$
23611	630	1104	$\frac{1}{69}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{34}{69}$	$\Phi_{1104}\ \Phi_{368}\ \Phi_{69}\ \Phi_{48}\ \Phi_{23}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
23612	630	276	$\frac{1}{69}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{34}{69}$	$\Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{23}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
23613	630	1116	$\frac{1}{62}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{61}{124}$	$\Phi_{1116}\ \Phi_{372}\ \Phi_{124}^2\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
23614	630	372	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{61}{124}$	$\Phi_{372}^3\ \Phi_{124}^4\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23615	630	629	$\frac{13}{629}$	$\frac{107}{629}$	$\frac{174}{629}$	$\frac{308}{629}$	$\Phi_{629}\ \Phi_{37}\ \Phi_{17}\ \Phi_1^2$
23616	630	1144	$\frac{1}{44}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{43}{88}$	$\Phi_{1144}\ \Phi_{104}\ \Phi_{88}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
23617	630	264	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{264}^3\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_{24}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
23618	630	844	$\frac{5}{211}$	$\frac{36}{211}$	$\frac{1}{4}$	$\frac{103}{211}$	$\Phi_{844}\ \Phi_{422}$
23619	630	1148	$\frac{1}{41}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{20}{41}$	$\Phi_{1148}\ \Phi_{164}\ \Phi_{41}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
23620	630	287	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{20}{41}$	$\Phi_{287}^2\ \Phi_{41}^3\ \Phi_7^4\ \Phi_1^6$
23621	630	492	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{20}{41}$	$\Phi_{492}^2\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{41}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
23622	630	592	$\frac{1}{37}$	$\frac{19}{296}$	$\frac{277}{592}$	$\frac{18}{37}$	$\Phi_{592}^2\ \Phi_{37}\ \Phi_{16}^2\ \Phi_1^2$
23623	630	148	$\frac{1}{37}$	$\frac{19}{148}$	$\frac{43}{148}$	$\frac{18}{37}$	$\Phi_{148}^4\ \Phi_{74}^4\ \Phi_{37}^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
23624	630	74	$\frac{1}{37}$	$\frac{11}{74}$	$\frac{19}{74}$	$\frac{18}{37}$	$\Phi_{74}^8\ \Phi_{37}^9\ \Phi_2^8\ \Phi_1^{10}$
23625	630	68	$\frac{1}{34}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{33}{68}$	$\Phi_{68}^{18}\ \Phi_{17}\ \Phi_4^{18}\ \Phi_1^2$
23626	630	1020	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{1020}^2\ \Phi_{204}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
23627	630	68	$\frac{1}{34}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{33}{68}$	$\Phi_{68}^{18}\ \Phi_{17}\ \Phi_4^{18}\ \Phi_1^2$
23628	630	476	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{476}\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{28}^2\ \Phi_{14}^3\ \Phi_7^2$
23629	630	629	$\frac{21}{629}$	$\frac{65}{629}$	$\frac{188}{629}$	$\frac{304}{629}$	$\Phi_{629}\ \Phi_{37}\ \Phi_{17}\ \Phi_1^2$
23630	630	1160	$\frac{1}{29}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{14}{29}$	$\Phi_{1160}\ \Phi_{232}\ \Phi_{40}^2\ \Phi_{29}\ \Phi_8^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
23631	630	290	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{14}{29}$	$\Phi_{290}^2\ \Phi_{145}^2\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
23632	630	232	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{232}^3\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
23633	630	725	$\frac{1}{29}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{14}{29}$	$\Phi_{725}\ \Phi_{29}\ \Phi_{25}^2\ \Phi_1^2$
23634	630	762	$\frac{5}{127}$	$\frac{1}{6}$	$\frac{22}{127}$	$\frac{61}{127}$	$\Phi_{762}\ \Phi_{381}\ \Phi_{254}$
23635	630	629	$\frac{25}{629}$	$\frac{104}{629}$	$\frac{109}{629}$	$\frac{302}{629}$	$\Phi_{629}\ \Phi_{37}\ \Phi_{17}\ \Phi_1^2$
23636	630	844	$\frac{9}{211}$	$\frac{22}{211}$	$\frac{1}{4}$	$\frac{101}{211}$	$\Phi_{844}\ \Phi_{422}$
23637	630	629	$\frac{29}{629}$	$\frac{47}{629}$	$\frac{194}{629}$	$\frac{300}{629}$	$\Phi_{629}\ \Phi_{37}\ \Phi_{17}\ \Phi_1^2$
23638	630	240	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{240}^4\ \Phi_{120}^3\ \Phi_{60}^4\ \Phi_{48}^5\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
23639	630	1160	$\frac{1}{20}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{19}{40}$	$\Phi_{1160}\ \Phi_{232}\ \Phi_{40}^2\ \Phi_{29}\ \Phi_8^2\ \Phi_1^2$
23640	630	440	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{440}^3\ \Phi_{88}^3\ \Phi_{44}\ \Phi_{22}$
23641	630	1160	$\frac{1}{20}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{19}{40}$	$\Phi_{1160}\ \Phi_{232}\ \Phi_{40}^2\ \Phi_{29}\ \Phi_8^2\ \Phi_1^2$
23642	630	840	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{840}^2\ \Phi_{280}\ \Phi_{168}^2\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
23643	630	728	$\frac{5}{91}$	$\frac{1}{8}$	$\frac{16}{91}$	$\frac{43}{91}$	$\Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{104}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$
23644	630	51	$\frac{1}{17}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{8}{17}$	$\Phi_{51}^{18}\ \Phi_{17}\ \Phi_3^{18}\ \Phi_1^2$
23645	630	68	$\frac{1}{17}$	$\frac{5}{68}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{68}^{10}\ \Phi_{34}^8\ \Phi_{17}^9\ \Phi_4^{10}\ \Phi_2^8\ \Phi_1^{10}$
23646	630	136	$\frac{1}{17}$	$\frac{3}{34}$	$\frac{31}{136}$	$\frac{8}{17}$	$\Phi_{136}^6\ \Phi_{68}^6\ \Phi_{17}\ \Phi_8^6\ \Phi_4^6\ \Phi_1^2$
23647	630	17	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{17}^{37}\ \Phi_1^{38}$
23648	630	408	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{24}^4\ \Phi_{17}\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
23649	630	1254	$\frac{1}{19}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{1254}\ \Phi_{418}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
23650	630	844	$\frac{13}{211}$	$\frac{16}{211}$	$\frac{1}{4}$	$\frac{99}{211}$	$\Phi_{844}\ \Phi_{422}$
23651	630	924	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{924}^2\ \Phi_{132}^2\ \Phi_{84}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
23652	630	1148	$\frac{2}{41}$	$\frac{1}{14}$	$\frac{13}{41}$	$\frac{13}{28}$	$\Phi_{1148}\ \Phi_{164}\ \Phi_{41}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
23653	630	420	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{420}\ \Phi_{210}^2\ \Phi_{140}\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^2\ \Phi_3^2$
23654	630	1148	$\frac{1}{14}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{13}{28}$	$\Phi_{1148}\ \Phi_{164}\ \Phi_{41}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
23655	630	56	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{56}^{13}\ \Phi_{28}^7\ \Phi_{14}^{13}\ \Phi_8^{12}\ \Phi_7^{12}\ \Phi_4^6\ \Phi_2^{12}\ \Phi_1^{12}$
23656	630	286	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{7}{22}$	$\frac{6}{13}$	$\Phi_{286}^2\ \Phi_{143}^2\ \Phi_{26}^2\ \Phi_{22}^4\ \Phi_{13}^3\ \Phi_{11}^4\ \Phi_2^4\ \Phi_1^6$
23657	630	208	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{208}^3\ \Phi_{104}^3\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{16}^6\ \Phi_{13}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
23658	630	143	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{6}{13}$	$\Phi_{143}^4\ \Phi_{13}^5\ \Phi_{11}^8\ \Phi_1^{10}$
23659	630	390	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{13}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
23660	630	104	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{52}$	$\frac{6}{13}$	$\Phi_{104}^7\ \Phi_{52}^5\ \Phi_{26}^5\ \Phi_{13}^6\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
23661	630	37	$\frac{2}{37}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{37}^{17}\ \Phi_1^{18}$
23662	630	74	$\frac{3}{37}$	$\frac{4}{37}$	$\frac{11}{74}$	$\frac{17}{37}$	$\Phi_{74}^{10}\ \Phi_{37}^7\ \Phi_2^{10}\ \Phi_1^8$
23663	630	912	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{912}\ \Phi_{304}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
23664	630	629	$\frac{49}{629}$	$\frac{57}{629}$	$\frac{116}{629}$	$\frac{286}{629}$	$\Phi_{629}\ \Phi_{37}\ \Phi_{17}\ \Phi_1^2$
23665	630	1216	$\frac{1}{19}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{1216}\ \Phi_{76}\ \Phi_{38}$
23666	630	629	$\frac{23}{629}$	$\frac{61}{629}$	$\frac{202}{629}$	$\frac{284}{629}$	$\Phi_{629}\ \Phi_{37}\ \Phi_{17}\ \Phi_1^2$
23667	630	629	$\frac{61}{629}$	$\frac{69}{629}$	$\frac{80}{629}$	$\frac{284}{629}$	$\Phi_{629}\ \Phi_{37}\ \Phi_{17}\ \Phi_1^2$
23668	630	728	$\frac{9}{91}$	$\frac{10}{91}$	$\frac{1}{8}$	$\frac{41}{91}$	$\Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{104}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
23669	630	762	$\frac{10}{127}$	$\frac{13}{127}$	$\frac{1}{6}$	$\frac{57}{127}$	$\Phi_{762}\ \Phi_{381}\ \Phi_{254}$
23670	630	279	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{10}{31}$	$\frac{4}{9}$	$\Phi_{279}^2\ \Phi_{93}^2\ \Phi_{31}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^6$
23671	630	396	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{396}^2\ \Phi_{198}\ \Phi_{132}^2\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}^4\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
23672	630	279	$\frac{3}{31}$	$\frac{1}{9}$	$\frac{4}{31}$	$\frac{4}{9}$	$\Phi_{279}^2\ \Phi_{93}^2\ \Phi_{31}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^6$
23673	630	360	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{40}^4\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_9\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
23674	630	629	$\frac{39}{629}$	$\frac{73}{629}$	$\frac{118}{629}$	$\frac{278}{629}$	$\Phi_{629}\ \Phi_{37}\ \Phi_{17}\ \Phi_1^2$
23675	630	688	$\frac{1}{16}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{688}\ \Phi_{344}\ \Phi_{172}\ \Phi_{86}$
23676	630	144	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{144}^8\ \Phi_{48}^7\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{16}^8\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23677	630	368	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{11}{46}$	$\frac{7}{16}$	$\Phi_{368}^3\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{16}^4\ \Phi_2^2\ \Phi_1^2$
23678	630	1104	$\frac{4}{69}$	$\frac{1}{8}$	$\frac{13}{69}$	$\frac{7}{16}$	$\Phi_{1104}\ \Phi_{368}\ \Phi_{69}\ \Phi_{48}\ \Phi_{23}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
23679	630	240	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{240}^5\ \Phi_{80}^5\ \Phi_{48}^3\ \Phi_{30}^3\ \Phi_{16}^4\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23680	630	368	$\frac{2}{23}$	$\frac{1}{8}$	$\frac{3}{23}$	$\frac{7}{16}$	$\Phi_{368}^3\ \Phi_{23}^3\ \Phi_{16}^4\ \Phi_1^4$
23681	630	176	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{176}^7\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
23682	630	710	$\frac{1}{10}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{31}{71}$	$\Phi_{710}\ \Phi_{355}\ \Phi_{142}$
23683	630	629	$\frac{62}{629}$	$\frac{71}{629}$	$\frac{81}{629}$	$\frac{274}{629}$	$\Phi_{629}\ \Phi_{37}\ \Phi_{17}\ \Phi_1^2$
23684	630	762	$\frac{8}{127}$	$\frac{17}{127}$	$\frac{1}{6}$	$\frac{55}{127}$	$\Phi_{762}\ \Phi_{381}\ \Phi_{254}$
23685	630	37	$\frac{1}{37}$	$\frac{5}{37}$	$\frac{12}{37}$	$\frac{16}{37}$	$\Phi_{37}^{17}\ \Phi_1^{18}$
23686	630	37	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{37}^{17}\ \Phi_1^{18}$
23687	630	844	$\frac{8}{211}$	$\frac{29}{211}$	$\frac{1}{4}$	$\frac{91}{211}$	$\Phi_{844}\ \Phi_{422}$
23688	630	392	$\frac{4}{49}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{392}^2\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
23689	630	104	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{2}{13}$	$\frac{11}{26}$	$\Phi_{104}^7\ \Phi_{52}^7\ \Phi_{26}\ \Phi_{13}^6\ \Phi_8^6\ \Phi_4^6\ \Phi_1^6$
23690	630	682	$\frac{1}{22}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{682}\ \Phi_{341}\ \Phi_{62}$
23691	630	148	$\frac{1}{37}$	$\frac{6}{37}$	$\frac{43}{148}$	$\frac{31}{74}$	$\Phi_{148}^6\ \Phi_{37}^5\ \Phi_4^6\ \Phi_1^6$
23692	630	276	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{276}^4\ \Phi_{138}\ \Phi_{92}^4\ \Phi_{69}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
23693	630	1068	$\frac{2}{89}$	$\frac{1}{6}$	$\frac{29}{89}$	$\frac{5}{12}$	$\Phi_{1068}\ \Phi_{356}\ \Phi_{89}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
23694	630	372	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{372}\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{93}^2\ \Phi_{62}^3\ \Phi_{31}^2$
23695	630	1068	$\frac{4}{89}$	$\frac{1}{6}$	$\frac{17}{89}$	$\frac{5}{12}$	$\Phi_{1068}\ \Phi_{356}\ \Phi_{89}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
23696	630	228	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{228}^5\ \Phi_{114}\ \Phi_{76}^5\ \Phi_{57}\ \Phi_{38}$
23697	630	1068	$\frac{5}{89}$	$\frac{14}{89}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1068}\ \Phi_{356}\ \Phi_{89}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
23698	630	336	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^3\ \Phi_{84}\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2$
23699	630	1068	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1068}\ \Phi_{356}\ \Phi_{89}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
23700	630	660	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{660}^2\ \Phi_{220}^2\ \Phi_{132}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
23701	630	629	$\frac{41}{629}$	$\frac{84}{629}$	$\frac{109}{629}$	$\frac{260}{629}$	$\Phi_{629}\ \Phi_{37}\ \Phi_{17}\ \Phi_1^2$
23702	630	68	$\frac{5}{68}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{68}^{10}\ \Phi_{34}^{10}\ \Phi_{17}^7\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^8$
23703	630	629	$\frac{53}{629}$	$\frac{64}{629}$	$\frac{113}{629}$	$\frac{258}{629}$	$\Phi_{629}\ \Phi_{37}\ \Phi_{17}\ \Phi_1^2$
23704	630	710	$\frac{6}{71}$	$\frac{1}{10}$	$\frac{13}{71}$	$\frac{29}{71}$	$\Phi_{710}\ \Phi_{355}\ \Phi_{142}$
23705	630	728	$\frac{6}{91}$	$\frac{1}{8}$	$\frac{17}{91}$	$\frac{37}{91}$	$\Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{104}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$
23706	630	74	$\frac{2}{37}$	$\frac{11}{74}$	$\frac{7}{37}$	$\frac{15}{37}$	$\Phi_{74}^{10}\ \Phi_{37}^7\ \Phi_2^{10}\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
23707	630	629	$\frac{24}{629}$	$\frac{121}{629}$	$\frac{125}{629}$	$\frac{254}{629}$	$\Phi_{629}\ \Phi_{37}\ \Phi_{17}\ \Phi_1^2$
23708	630	844	$\frac{6}{211}$	$\frac{41}{211}$	$\frac{1}{4}$	$\frac{85}{211}$	$\Phi_{844}\ \Phi_{422}$
23709	630	260	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{17}{52}$	$\frac{2}{5}$	$\Phi_{260}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{20}^2\ \Phi_{13}^4\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
23710	630	230	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{230}^3\ \Phi_{115}^3\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_1^2$
23711	630	180	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}^6\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{18}^6\ \Phi_{15}^3\ \Phi_{12}^6\ \Phi_{10}^2\ \Phi_9^6\ \Phi_6^6\ \Phi_5^3\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
23712	630	130	$\frac{1}{26}$	$\frac{5}{26}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{130}^4\ \Phi_{65}^4\ \Phi_{26}^8\ \Phi_{13}^8\ \Phi_{10}^4\ \Phi_5^5\ \Phi_2^8\ \Phi_1^{10}$
23713	630	330	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}\ \Phi_{66}^4\ \Phi_{55}\ \Phi_{33}^4\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
23714	630	260	$\frac{3}{52}$	$\frac{7}{52}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{260}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{20}^2\ \Phi_{13}^4\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
23715	630	80	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{80}^7\ \Phi_{40}^6\ \Phi_{20}^6\ \Phi_{16}^{14}\ \Phi_{10}^6\ \Phi_8^{12}\ \Phi_5^7\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{14}$
23716	630	195	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{195}^3\ \Phi_{65}^2\ \Phi_{39}^6\ \Phi_{15}^3\ \Phi_{13}^4\ \Phi_5^3\ \Phi_3^6\ \Phi_1^6$
23717	630	629	$\frac{11}{629}$	$\frac{141}{629}$	$\frac{206}{629}$	$\frac{244}{629}$	$\Phi_{629}\ \Phi_{37}\ \Phi_{17}\ \Phi_1^2$
23718	630	192	$\frac{1}{64}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{192}^5\ \Phi_{96}^5\ \Phi_{48}^5\ \Phi_{24}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
23719	630	1000	$\frac{2}{125}$	$\frac{1}{4}$	$\frac{41}{125}$	$\frac{3}{8}$	$\Phi_{1000}\ \Phi_{200}\ \Phi_{125}\ \Phi_{40}\ \Phi_{25}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
23720	630	344	$\frac{1}{43}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{344}^3\ \Phi_{172}\ \Phi_{86}$
23721	630	520	$\frac{2}{65}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}^2\ \Phi_{104}^2\ \Phi_{65}^2\ \Phi_{40}\ \Phi_{13}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
23722	630	200	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{200}^5\ \Phi_{40}^5\ \Phi_{25}^5\ \Phi_8^6\ \Phi_5^5\ \Phi_1^6$
23723	630	616	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}^2\ \Phi_{154}\ \Phi_{77}\ \Phi_{56}\ \Phi_{14}$
23724	630	1000	$\frac{6}{125}$	$\frac{17}{125}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1000}\ \Phi_{200}\ \Phi_{125}\ \Phi_{40}\ \Phi_{25}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
23725	630	152	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{152}^4\ \Phi_{76}^5\ \Phi_{38}^5\ \Phi_{19}^4$
23726	630	1000	$\frac{8}{125}$	$\frac{13}{125}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1000}\ \Phi_{200}\ \Phi_{125}\ \Phi_{40}\ \Phi_{25}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
23727	630	120	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^9\ \Phi_{40}^7\ \Phi_{30}^5\ \Phi_{24}^9\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_8^8\ \Phi_6^5\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
23728	630	684	$\frac{1}{36}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
23729	630	629	$\frac{19}{629}$	$\frac{122}{629}$	$\frac{169}{629}$	$\frac{230}{629}$	$\Phi_{629}\ \Phi_{37}\ \Phi_{17}\ \Phi_1^2$
23730	630	629	$\frac{27}{629}$	$\frac{86}{629}$	$\frac{181}{629}$	$\frac{224}{629}$	$\Phi_{629}\ \Phi_{37}\ \Phi_{17}\ \Phi_1^2$
23731	630	682	$\frac{1}{22}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{682}\ \Phi_{341}\ \Phi_{62}$
23732	630	1026	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{1026}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
23733	630	37	$\frac{2}{37}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{37}^{17}\ \Phi_1^{18}$
23734	630	688	$\frac{1}{16}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{688}\ \Phi_{344}\ \Phi_{172}\ \Phi_{86}$
23735	630	352	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{352}^3\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
23736	630	629	$\frac{38}{629}$	$\frac{59}{629}$	$\frac{197}{629}$	$\frac{216}{629}$	$\Phi_{629}\ \Phi_{37}\ \Phi_{17}\ \Phi_1^2$
23737	630	728	$\frac{4}{91}$	$\frac{1}{8}$	$\frac{29}{91}$	$\frac{31}{91}$	$\Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{104}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$
23738	630	629	$\frac{26}{629}$	$\frac{83}{629}$	$\frac{201}{629}$	$\frac{214}{629}$	$\Phi_{629}\ \Phi_{37}\ \Phi_{17}\ \Phi_1^2$
23739	630	762	$\frac{4}{127}$	$\frac{1}{6}$	$\frac{41}{127}$	$\frac{43}{127}$	$\Phi_{762}\ \Phi_{381}\ \Phi_{254}$
23740	630	629	$\frac{14}{629}$	$\frac{139}{629}$	$\frac{205}{629}$	$\frac{212}{629}$	$\Phi_{629}\ \Phi_{37}\ \Phi_{17}\ \Phi_1^2$
23741	630	844	$\frac{4}{211}$	$\frac{1}{4}$	$\frac{69}{211}$	$\frac{71}{211}$	$\Phi_{844}\ \Phi_{422}$
23742	630	474	$\frac{1}{79}$	$\frac{26}{79}$	$\frac{1}{3}$	$\frac{53}{158}$	$\Phi_{474}^3\ \Phi_{237}\ \Phi_6^3$
23743	630	414	$\frac{1}{46}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{414}^2\ \Phi_{207}^2\ \Phi_{138}\ \Phi_{69}\ \Phi_{18}^2\ \Phi_6$
23744	630	156	$\frac{1}{52}$	$\frac{1}{4}$	$\frac{17}{52}$	$\frac{1}{3}$	$\Phi_{156}^6\ \Phi_{78}^6\ \Phi_{39}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
23745	630	948	$\frac{7}{316}$	$\frac{71}{316}$	$\frac{103}{316}$	$\frac{1}{3}$	$\Phi_{948}\ \Phi_{474}\ \Phi_{237}\ \Phi_{12}\ \Phi_{6}$
23746	630	801	$\frac{2}{89}$	$\frac{2}{9}$	$\frac{29}{89}$	$\frac{1}{3}$	$\Phi_{801}\ \Phi_{89}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
23747	630	186	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{10}{31}$	$\frac{1}{3}$	$\Phi_{186}^{4}\ \Phi_{93}^{2}\ \Phi_{62}^{4}\ \Phi_{31}^{4}\ \Phi_{6}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
23748	630	948	$\frac{13}{316}$	$\frac{43}{316}$	$\frac{101}{316}$	$\frac{1}{3}$	$\Phi_{948}\ \Phi_{474}\ \Phi_{237}\ \Phi_{12}\ \Phi_{6}$
23749	630	264	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{264}^{4}\ \Phi_{132}^{4}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
23750	630	510	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{170}^{2}\ \Phi_{102}\ \Phi_{85}^{2}\ \Phi_{34}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}$
23751	630	948	$\frac{19}{316}$	$\frac{31}{316}$	$\frac{99}{316}$	$\frac{1}{3}$	$\Phi_{948}\ \Phi_{474}\ \Phi_{237}\ \Phi_{12}\ \Phi_{6}$
23752	630	240	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{240}^{4}\ \Phi_{120}^{4}\ \Phi_{60}^{4}\ \Phi_{48}^{5}\ \Phi_{30}^{2}\ \Phi_{24}^{5}\ \Phi_{15}^{2}\ \Phi_{12}^{5}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
23753	630	948	$\frac{15}{316}$	$\frac{43}{316}$	$\frac{91}{316}$	$\frac{1}{3}$	$\Phi_{948}\ \Phi_{474}\ \Phi_{237}\ \Phi_{12}\ \Phi_{6}$
23754	630	462	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{462}^{2}\ \Phi_{231}^{2}\ \Phi_{66}^{3}\ \Phi_{42}^{2}\ \Phi_{33}^{3}\ \Phi_{6}^{3}$
23755	630	948	$\frac{11}{316}$	$\frac{61}{316}$	$\frac{85}{316}$	$\frac{1}{3}$	$\Phi_{948}\ \Phi_{474}\ \Phi_{237}\ \Phi_{12}\ \Phi_{6}$
23756	630	36	$\frac{1}{36}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{36}^{18}\ \Phi_{18}^{18}\ \Phi_{12}^{16}\ \Phi_{9}^{18}\ \Phi_{6}^{16}\ \Phi_{4}^{18}\ \Phi_{3}^{15}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
23757	630	1248	$\frac{3}{104}$	$\frac{101}{416}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{96}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
23758	630	1116	$\frac{1}{31}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1116}\ \Phi_{558}\ \Phi_{124}\ \Phi_{62}$
23759	630	156	$\frac{1}{26}$	$\frac{5}{26}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^{8}\ \Phi_{78}^{4}\ \Phi_{39}^{4}\ \Phi_{12}^{9}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
23760	630	132	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^{6}\ \Phi_{66}^{3}\ \Phi_{44}^{8}\ \Phi_{33}^{3}\ \Phi_{22}^{4}\ \Phi_{12}^{3}\ \Phi_{11}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
23761	630	156	$\frac{3}{52}$	$\frac{7}{52}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^{6}\ \Phi_{78}^{6}\ \Phi_{39}^{6}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
23762	630	48	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{48}^{21}\ \Phi_{24}^{18}\ \Phi_{12}^{19}\ \Phi_{6}^{19}\ \Phi_{3}^{18}$
23763	630	156	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^{5}\ \Phi_{78}^{5}\ \Phi_{52}^{6}\ \Phi_{26}^{6}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
23764	630	801	$\frac{4}{89}$	$\frac{17}{89}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{801}\ \Phi_{89}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
23765	630	342	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{342}^{3}\ \Phi_{171}^{2}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
23766	630	801	$\frac{5}{89}$	$\frac{14}{89}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{801}\ \Phi_{89}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
23767	630	1008	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
23768	630	801	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{801}\ \Phi_{89}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
23769	630	990	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{198}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
23770	630	1200	$\frac{1}{16}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
23771	630	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{264}^{4}\ \Phi_{132}^{4}\ \Phi_{66}^{4}\ \Phi_{24}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{5}$
23772	630	948	$\frac{31}{316}$	$\frac{37}{316}$	$\frac{57}{316}$	$\frac{1}{3}$	$\Phi_{948}\ \Phi_{474}\ \Phi_{237}\ \Phi_{12}\ \Phi_{6}$
23773	630	510	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{510}^{2}\ \Phi_{255}^{2}\ \Phi_{102}^{2}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{6}^{3}$
23774	630	948	$\frac{29}{316}$	$\frac{41}{316}$	$\frac{55}{316}$	$\frac{1}{3}$	$\Phi_{948}\ \Phi_{474}\ \Phi_{237}\ \Phi_{12}\ \Phi_{6}$
23775	630	186	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{186}^{4}\ \Phi_{93}^{2}\ \Phi_{62}^{4}\ \Phi_{31}^{4}\ \Phi_{6}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
23776	630	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{120}^{6}\ \Phi_{60}^{6}\ \Phi_{40}^{8}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{8}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
23777	630	287	$\frac{2}{41}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{13}{41}$	$\Phi_{287}^{2}\ \Phi_{41}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
23778	630	492	$\frac{2}{41}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{13}{41}$	$\Phi_{492}^{2}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{41}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
23779	630	629	$\frac{32}{629}$	$\frac{86}{629}$	$\frac{181}{629}$	$\frac{199}{629}$	$\Phi_{629}\ \Phi_{37}\ \Phi_{17}\ \Phi_{1}^{2}$
23780	630	762	$\frac{7}{127}$	$\frac{1}{6}$	$\frac{29}{127}$	$\frac{40}{127}$	$\Phi_{762}\ \Phi_{381}\ \Phi_{254}$
23781	630	51	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{16}{51}$	$\Phi_{51}^{18}\ \Phi_{17}\ \Phi_{3}^{18}\ \Phi_{1}^{2}$
23782	630	1428	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}$
23783	630	629	$\frac{38}{629}$	$\frac{97}{629}$	$\frac{144}{629}$	$\frac{197}{629}$	$\Phi_{629}\ \Phi_{37}\ \Phi_{17}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
23784	630	844	$\frac{13}{211}$	$\frac{29}{211}$	$\frac{1}{4}$	$\frac{66}{211}$	$\Phi_{844}\ \Phi_{422}$
23785	630	290	$\frac{2}{29}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{9}{29}$	$\Phi_{290}^2\ \Phi_{145}^2\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
23786	630	232	$\frac{2}{29}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{232}^3\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
23787	630	725	$\frac{2}{29}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{9}{29}$	$\Phi_{725}\ \Phi_{29}\ \Phi_{25}^2\ \Phi_1^2$
23788	630	629	$\frac{44}{629}$	$\frac{62}{629}$	$\frac{189}{629}$	$\frac{195}{629}$	$\Phi_{629}\ \Phi_{37}\ \Phi_{17}\ \Phi_1^2$
23789	630	104	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{104}^7\ \Phi_{52}^7\ \Phi_{26}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6$
23790	630	629	$\frac{56}{629}$	$\frac{69}{629}$	$\frac{146}{629}$	$\frac{191}{629}$	$\Phi_{629}\ \Phi_{37}\ \Phi_{17}\ \Phi_1^2$
23791	630	844	$\frac{19}{211}$	$\frac{21}{211}$	$\frac{1}{4}$	$\frac{64}{211}$	$\Phi_{844}\ \Phi_{422}$
23792	630	220	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{220}^4\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{44}^5\ \Phi_{22}^3\ \Phi_{11}^2$
23793	630	290	$\frac{1}{10}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{3}{10}$	$\Phi_{290}^2\ \Phi_{145}^2\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
23794	630	210	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^2\ \Phi_{42}^5\ \Phi_{35}^2\ \Phi_{21}^5\ \Phi_{14}^3\ \Phi_7^2$
23795	630	704	$\frac{1}{11}$	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
23796	630	136	$\frac{3}{34}$	$\frac{2}{17}$	$\frac{31}{136}$	$\frac{5}{17}$	$\Phi_{136}^6\ \Phi_{68}^6\ \Phi_{17}\ \Phi_8^6\ \Phi_4^6\ \Phi_1^2$
23797	630	17	$\frac{2}{17}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{17}^{37}\ \Phi_1^{38}$
23798	630	408	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{24}^4\ \Phi_{17}\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
23799	630	629	$\frac{77}{629}$	$\frac{89}{629}$	$\frac{90}{629}$	$\frac{184}{629}$	$\Phi_{629}\ \Phi_{37}\ \Phi_{17}\ \Phi_1^2$
23800	630	742	$\frac{13}{106}$	$\frac{15}{106}$	$\frac{1}{7}$	$\frac{31}{106}$	$\Phi_{742}\ \Phi_{371}\ \Phi_{14}$
23801	630	762	$\frac{15}{127}$	$\frac{16}{127}$	$\frac{1}{6}$	$\frac{37}{127}$	$\Phi_{762}\ \Phi_{381}\ \Phi_{254}$
23802	630	629	$\frac{48}{629}$	$\frac{83}{629}$	$\frac{149}{629}$	$\frac{182}{629}$	$\Phi_{629}\ \Phi_{37}\ \Phi_{17}\ \Phi_1^2$
23803	630	844	$\frac{15}{211}$	$\frac{28}{211}$	$\frac{1}{4}$	$\frac{61}{211}$	$\Phi_{844}\ \Phi_{422}$
23804	630	629	$\frac{64}{629}$	$\frac{86}{629}$	$\frac{113}{629}$	$\frac{181}{629}$	$\Phi_{629}\ \Phi_{37}\ \Phi_{17}\ \Phi_1^2$
23805	630	420	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{42}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3$
23806	630	287	$\frac{5}{41}$	$\frac{1}{7}$	$\frac{6}{41}$	$\frac{2}{7}$	$\Phi_{287}^2\ \Phi_{41}^3\ \Phi_7^4\ \Phi_1^6$
23807	630	56	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{56}^{13}\ \Phi_{28}^{13}\ \Phi_{14}^{13}\ \Phi_8^{12}\ \Phi_4^{12}\ \Phi_2^{12}$
23808	630	629	$\frac{77}{629}$	$\frac{90}{629}$	$\frac{92}{629}$	$\frac{179}{629}$	$\Phi_{629}\ \Phi_{37}\ \Phi_{17}\ \Phi_1^2$
23809	630	762	$\frac{13}{127}$	$\frac{19}{127}$	$\frac{1}{6}$	$\frac{36}{127}$	$\Phi_{762}\ \Phi_{381}\ \Phi_{254}$
23810	630	690	$\frac{1}{15}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{138}\ \Phi_{115}\ \Phi_{69}\ \Phi_{30}\ \Phi_{10}\ \Phi_6$
23811	630	629	$\frac{65}{629}$	$\frac{94}{629}$	$\frac{107}{629}$	$\frac{174}{629}$	$\Phi_{629}\ \Phi_{37}\ \Phi_{17}\ \Phi_1^2$
23812	630	629	$\frac{76}{629}$	$\frac{79}{629}$	$\frac{110}{629}$	$\frac{173}{629}$	$\Phi_{629}\ \Phi_{37}\ \Phi_{17}\ \Phi_1^2$
23813	630	728	$\frac{11}{91}$	$\frac{1}{8}$	$\frac{16}{91}$	$\frac{25}{91}$	$\Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{104}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$
23814	630	742	$\frac{11}{106}$	$\frac{1}{7}$	$\frac{19}{106}$	$\frac{29}{106}$	$\Phi_{742}\ \Phi_{371}\ \Phi_{14}$
23815	630	912	$\frac{1}{19}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
23816	630	37	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{37}^{17}\ \Phi_1^{18}$
23817	630	844	$\frac{11}{211}$	$\frac{40}{211}$	$\frac{1}{4}$	$\frac{57}{211}$	$\Phi_{844}\ \Phi_{422}$
23818	630	92	$\frac{1}{23}$	$\frac{11}{46}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{92}^6\ \Phi_{46}^8\ \Phi_{23}^7\ \Phi_4^8\ \Phi_2^{10}\ \Phi_1^{10}$
23819	630	276	$\frac{4}{69}$	$\frac{13}{69}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{23}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
23820	630	60	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{60}^{10}\ \Phi_{30}^{13}\ \Phi_{20}^{10}\ \Phi_{15}^{12}\ \Phi_{12}^6\ \Phi_{10}^{13}\ \Phi_6^8\ \Phi_5^{12}\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
23821	630	92	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{92}^6\ \Phi_{46}^6\ \Phi_{23}^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{12}$
23822	630	88	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{88}^9\ \Phi_{44}^7\ \Phi_{22}^7\ \Phi_{11}^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
23823	630	880	$\frac{1}{11}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
23824	630	1100	$\frac{1}{11}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{44}\ \Phi_{22}$
23825	630	476	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{476}^2\ \Phi_{238}^2\ \Phi_{28}^3\ \Phi_{14}^3$
23826	630	844	$\frac{26}{211}$	$\frac{29}{211}$	$\frac{37}{211}$	$\frac{1}{4}$	$\Phi_{844}\ \Phi_{422}$
23827	630	232	$\frac{1}{8}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\Phi_{232}^3\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
23828	630	844	$\frac{25}{211}$	$\frac{31}{211}$	$\frac{36}{211}$	$\frac{1}{4}$	$\Phi_{844}\ \Phi_{422}$
23829	630	492	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{492}^2\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{41}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
23830	630	168	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{168}^6\ \Phi_{84}^4\ \Phi_{56}^3\ \Phi_{42}^5\ \Phi_{28}^2\ \Phi_{21}^5\ \Phi_{14}^3\ \Phi_7^2$
23831	630	56	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{56}^{11}\ \Phi_{28}^{11}\ \Phi_{14}^{13}\ \Phi_8^{10}\ \Phi_7^{12}\ \Phi_4^{10}\ \Phi_2^{12}\ \Phi_1^{12}$
23832	630	725	$\frac{4}{29}$	$\frac{4}{25}$	$\frac{5}{29}$	$\frac{1}{5}$	$\Phi_{725}\ \Phi_{29}\ \Phi_{25}^2\ \Phi_1^2$
23833	630	1050	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
23834	631	1008	$\frac{1}{126}$	$\frac{127}{504}$	$\frac{377}{1008}$	$\frac{125}{252}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{36}\ \Phi_{28}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
23835	631	1080	$\frac{1}{90}$	$\frac{91}{540}$	$\frac{449}{1080}$	$\frac{89}{180}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{120}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
23836	631	1248	$\frac{7}{624}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{617}{1248}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{96}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$
23837	631	1120	$\frac{1}{70}$	$\frac{71}{560}$	$\frac{489}{1120}$	$\frac{69}{140}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_4\ \Phi_1$
23838	631	840	$\frac{1}{70}$	$\frac{209}{840}$	$\frac{71}{280}$	$\frac{69}{140}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
23839	631	1240	$\frac{11}{620}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{609}{1240}$	$\Phi_{1240}\ \Phi_{248}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
23840	631	1176	$\frac{1}{42}$	$\frac{43}{588}$	$\frac{545}{1176}$	$\frac{41}{84}$	$\Phi_{1176}\ \Phi_{392}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
23841	631	1232	$\frac{15}{616}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{601}{1232}$	$\Phi_{1232}\ \Phi_{176}\ \Phi_{112}\ \Phi_{28}\ \Phi_{16}\ \Phi_4\ \Phi_1$
23842	631	1224	$\frac{19}{612}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{593}{1224}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{136}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
23843	631	1200	$\frac{1}{30}$	$\frac{31}{600}$	$\frac{569}{1200}$	$\frac{29}{60}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
23844	631	900	$\frac{1}{30}$	$\frac{31}{300}$	$\frac{269}{900}$	$\frac{29}{60}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{225}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
23845	631	720	$\frac{1}{30}$	$\frac{89}{720}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
23846	631	1200	$\frac{31}{600}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{569}{1200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
23847	631	1188	$\frac{1}{18}$	$\frac{37}{594}$	$\frac{17}{54}$	$\frac{557}{1188}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{132}\ \Phi_{108}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
23848	631	728	$\frac{6}{91}$	$\frac{97}{728}$	$\frac{1}{7}$	$\frac{85}{182}$	$\Phi_{728}\ \Phi_{364}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{13}\ \Phi_8\ \Phi_4\ \Phi_1$
23849	631	924	$\frac{15}{308}$	$\frac{1}{14}$	$\frac{293}{924}$	$\frac{13}{28}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{231}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
23850	631	672	$\frac{41}{672}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
23851	631	1176	$\frac{43}{588}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{545}{1176}$	$\Phi_{1176}\ \Phi_{392}\ \Phi_{168}\ \Phi_{56}\ \Phi_{49}\ \Phi_{24}\ \Phi_8\ \Phi_1$
23852	631	864	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{233}{864}$	$\frac{199}{432}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
23853	631	1152	$\frac{1}{18}$	$\frac{55}{576}$	$\frac{17}{72}$	$\frac{521}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
23854	631	686	$\frac{55}{686}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{686}\ \Phi_{343}\ \Phi_{49}\ \Phi_1$
23855	631	1120	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{560}$	$\frac{489}{1120}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
23856	631	1092	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{85}{546}$	$\frac{461}{1092}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{52}\ \Phi_{28}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
23857	631	936	$\frac{7}{312}$	$\frac{1}{6}$	$\frac{305}{936}$	$\frac{5}{12}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{117}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
23858	631	648	$\frac{17}{648}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
23859	631	780	$\frac{7}{156}$	$\frac{1}{6}$	$\frac{149}{780}$	$\frac{5}{12}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{65}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
23860	631	672	$\frac{41}{672}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
23861	631	1080	$\frac{1}{45}$	$\frac{91}{540}$	$\frac{44}{135}$	$\frac{449}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
23862	631	1080	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{91}{540}$	$\frac{449}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
23863	631	900	$\frac{1}{45}$	$\frac{44}{225}$	$\frac{269}{900}$	$\frac{181}{450}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
23864	631	720	$\frac{1}{18}$	$\frac{89}{720}$	$\frac{17}{72}$	$\frac{55}{144}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
23865	631	1008	$\frac{1}{42}$	$\frac{41}{168}$	$\frac{127}{504}$	$\frac{377}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{28}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
23866	631	972	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{145}{486}$	$\frac{341}{972}$	$\Phi_{972}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
23867	631	960	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{151}{480}$	$\frac{329}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
23868	631	810	$\frac{1}{45}$	$\frac{179}{810}$	$\frac{44}{135}$	$\frac{91}{270}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{162}\ \Phi_{135}\ \Phi_{81}\ \Phi_{27}\ \Phi_1$
23869	631	819	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{188}{819}$	$\frac{85}{273}$	$\Phi_{819}\ \Phi_{117}\ \Phi_{91}\ \Phi_{63}\ \Phi_{13}\ \Phi_9\ \Phi_1$
23870	631	735	$\frac{6}{49}$	$\frac{104}{735}$	$\frac{1}{7}$	$\frac{43}{147}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{105}\ \Phi_{49}\ \Phi_{35}\ \Phi_{15}\ \Phi_5\ \Phi_1$
23871	631	882	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{294}$	$\frac{251}{882}$	$\Phi_{882}\ \Phi_{441}\ \Phi_{126}\ \Phi_{63}\ \Phi_{49}\ \Phi_{18}\ \Phi_9\ \Phi_1$
23872	631	864	$\frac{1}{18}$	$\frac{55}{288}$	$\frac{17}{72}$	$\frac{233}{864}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
23873	631	720	$\frac{1}{10}$	$\frac{89}{720}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
23874	631	800	$\frac{1}{10}$	$\frac{31}{200}$	$\frac{169}{800}$	$\frac{9}{40}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
23875	631	784	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{153}{784}$	$\frac{43}{196}$	$\Phi_{784}\ \Phi_{392}\ \Phi_{112}\ \Phi_{56}\ \Phi_{49}\ \Phi_{16}\ \Phi_8\ \Phi_1$
23876	632	471	$\frac{1}{157}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{78}{157}$	$\Phi_{471}\ \Phi_{157}^2\ \Phi_3^2\ \Phi_1^4$
23877	632	631	$\frac{5}{631}$	$\frac{159}{631}$	$\frac{236}{631}$	$\frac{313}{631}$	$\Phi_{631}\ \Phi_1^2$
23878	632	951	$\frac{3}{317}$	$\frac{80}{317}$	$\frac{1}{3}$	$\frac{157}{317}$	Φ_{951}
23879	632	1092	$\frac{1}{78}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{77}{156}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{156}^2\ \Phi_{84}\ \Phi_{52}^2\ \Phi_{28}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
23880	632	780	$\frac{1}{78}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{77}{156}$	$\Phi_{780}^2\ \Phi_{260}^2\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}$
23881	632	530	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{27}{106}$	$\frac{26}{53}$	$\Phi_{530}^2\ \Phi_{265}\ \Phi_{10}^2$
23882	632	1368	$\frac{3}{76}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
23883	632	450	$\frac{4}{75}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{450}^3\ \Phi_{150}^2\ \Phi_{90}^3\ \Phi_{50}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
23884	632	288	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{288}^2\ \Phi_{144}^3\ \Phi_{96}\ \Phi_{72}^3\ \Phi_{48}^2\ \Phi_{36}^3\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23885	632	144	$\frac{7}{72}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{65}{144}$	$\Phi_{144}^8\ \Phi_{72}\ \Phi_{48}^8\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}^8\ \Phi_{12}\ \Phi_6$
23886	632	1260	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{70}$	$\frac{61}{140}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{90}\ \Phi_{84}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
23887	632	567	$\frac{2}{81}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{567}\ \Phi_{189}\ \Phi_{81}^2\ \Phi_{63}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
23888	632	819	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{38}{117}$	$\frac{3}{7}$	$\Phi_{819}\ \Phi_{117}^2\ \Phi_{63}\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
23889	632	728	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{25}{104}$	$\frac{3}{7}$	$\Phi_{728}\ \Phi_{364}\ \Phi_{104}^2\ \Phi_{56}\ \Phi_{52}^2\ \Phi_{28}\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
23890	632	84	$\frac{5}{84}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{84}^8\ \Phi_{42}^7\ \Phi_{28}^8\ \Phi_{21}^7\ \Phi_{14}^7\ \Phi_{12}^8\ \Phi_7^8\ \Phi_6^6\ \Phi_4^8\ \Phi_3^6\ \Phi_2^6\ \Phi_1^8$
23891	632	91	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{91}^7\ \Phi_{13}^6\ \Phi_7^8\ \Phi_1^8$
23892	632	1152	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
23893	632	360	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{360}^3\ \Phi_{180}\ \Phi_{120}^2\ \Phi_{90}\ \Phi_{72}^3\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_8^2\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
23894	632	240	$\frac{1}{80}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^2\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
23895	632	405	$\frac{2}{81}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{405}^2\ \Phi_{135}^2\ \Phi_{45}^2\ \Phi_{15}$
23896	632	585	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{38}{117}$	$\frac{1}{3}$	$\Phi_{585}^2\ \Phi_{45}^2\ \Phi_{15}$
23897	632	1560	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{25}{104}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{120}\ \Phi_{60}\ \Phi_{15}$
23898	632	195	$\frac{2}{39}$	$\frac{37}{195}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{195}^3\ \Phi_{65}^3\ \Phi_{39}^4\ \Phi_{15}^4\ \Phi_{13}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
23899	632	420	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{35}^2\ \Phi_{20}^2\ \Phi_{15}$
23900	632	1365	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{105}\ \Phi_{15}$
23901	632	288	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^2\ \Phi_{72}\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
23902	632	90	$\frac{1}{9}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{90}^8\ \Phi_{45}^6\ \Phi_{30}^8\ \Phi_{18}^8\ \Phi_{15}^7\ \Phi_{10}^8\ \Phi_9^5\ \Phi_6^8\ \Phi_5^6\ \Phi_3^6\ \Phi_2^8\ \Phi_1^6$
23903	632	900	$\frac{1}{9}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{180}\ \Phi_{150}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
23904	633	848	$\frac{3}{212}$	$\frac{1}{4}$	$\frac{215}{848}$	$\frac{209}{424}$	$\Phi_{848}\ \Phi_{212}\ \Phi_{106}\ \Phi_{53}\ \Phi_{16}\ \Phi_1$
23905	633	416	$\frac{3}{208}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{205}{416}$	$\Phi_{416}^3\ \Phi_{32}^3\ \Phi_{16}\ \Phi_1$
23906	633	416	$\frac{3}{208}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{205}{416}$	$\Phi_{416}^3\ \Phi_{32}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
23907	633	1216	$\frac{25}{608}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{583}{1216}$	$\Phi_{1216}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
23908	633	256	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{45}{256}$	$\frac{121}{256}$	$\Phi_{256}^2\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
23909	633	400	$\frac{11}{200}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{189}{400}$	$\Phi_{400}^3\ \Phi_{80}^3\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{10}\ \Phi_5\ \Phi_1$
23910	633	384	$\frac{19}{192}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{173}{384}$	$\Phi_{384}^3\ \Phi_{128}^3\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
23911	633	832	$\frac{9}{208}$	$\frac{1}{8}$	$\frac{199}{832}$	$\frac{7}{16}$	$\Phi_{832}\ \Phi_{416}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
23912	633	224	$\frac{13}{224}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{224}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{16}\ \Phi_{14}^3\ \Phi_7^3\ \Phi_1$
23913	633	1120	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{560}$	$\frac{487}{1120}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
23914	633	1024	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{121}{512}$	$\frac{391}{1024}$	$\Phi_{1024}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
23915	633	216	$\frac{5}{216}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
23916	633	237	$\frac{4}{79}$	$\frac{26}{237}$	$\frac{25}{79}$	$\frac{27}{79}$	$\Phi_{237}^3\ \Phi_{79}^2\ \Phi_3^3\ \Phi_1^3$
23917	633	320	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{51}{160}$	$\frac{109}{320}$	$\Phi_{320}^3\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}^3\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
23918	633	636	$\frac{1}{53}$	$\frac{1}{4}$	$\frac{52}{159}$	$\frac{107}{318}$	$\Phi_{636}\ \Phi_{212}^2\ \Phi_{159}\ \Phi_{106}\ \Phi_{53}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
23919	633	316	$\frac{1}{79}$	$\frac{26}{79}$	$\frac{105}{316}$	$\frac{53}{158}$	$\Phi_{316}^3\ \Phi_{79}^2\ \Phi_4^3\ \Phi_1^3$
23920	633	312	$\frac{3}{104}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{101}{312}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
23921	633	256	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{45}{256}$	$\frac{19}{64}$	$\Phi_{256}^3\ \Phi_{128}^3\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
23922	633	240	$\frac{29}{240}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_6^3\ \Phi_5\ \Phi_3^3\ \Phi_1$
23923	633	260	$\frac{3}{52}$	$\frac{49}{260}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{260}^3\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
23924	633	224	$\frac{13}{224}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{224}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
23925	633	800	$\frac{1}{8}$	$\frac{33}{200}$	$\frac{7}{40}$	$\frac{167}{800}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
23926	634	630	$\frac{2}{315}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{313}{630}$	$\Phi_{630}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23927	634	1272	$\frac{1}{106}$	$\frac{107}{424}$	$\frac{1}{3}$	$\frac{105}{212}$	$\Phi_{1272}\ \Phi_{318}\ \Phi_{159}\ \Phi_{24}\ \Phi_6$
23928	634	624	$\frac{5}{312}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{307}{624}$	$\Phi_{624}^2\ \Phi_{208}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23929	634	324	$\frac{7}{324}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23930	634	1590	$\frac{1}{53}$	$\frac{52}{265}$	$\frac{1}{3}$	$\frac{213}{530}$	$\Phi_{1590}\ \Phi_{318}\ \Phi_{159}\ \Phi_{30}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
23931	634	477	$\frac{2}{159}$	$\frac{157}{477}$	$\frac{1}{3}$	$\frac{160}{477}$	$\Phi_{477}\ \Phi_{159}^2\ \Phi_{53}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
23932	634	420	$\frac{2}{105}$	$\frac{103}{420}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23933	634	324	$\frac{7}{324}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23934	634	378	$\frac{2}{63}$	$\frac{61}{378}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23935	634	330	$\frac{13}{330}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23936	634	360	$\frac{2}{45}$	$\frac{43}{360}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23937	634	336	$\frac{19}{336}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23938	634	468	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{151}{468}$	$\frac{1}{3}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23939	634	336	$\frac{19}{336}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23940	634	390	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{73}{390}$	$\frac{1}{3}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
23941	635	504	$\frac{1}{126}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{125}{252}$	$\Phi_{504}^2\ \Phi_{252}\ \Phi_{168}^2\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
23942	635	744	$\frac{3}{124}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{121}{248}$	$\Phi_{744}^2\ \Phi_{248}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
23943	635	240	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{113}{240}$	$\Phi_{240}^5\ \Phi_{80}^5\ \Phi_{48}^5\ \Phi_{24}^2\ \Phi_{16}^5\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
23944	635	135	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{135}^5\ \Phi_{45}^4\ \Phi_{27}^5\ \Phi_{15}^4\ \Phi_9^5\ \Phi_5^3\ \Phi_3^5\ \Phi_1^5$
23945	635	672	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1}{6}$	$\frac{97}{224}$	$\Phi_{672}^2\ \Phi_{224}\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
23946	635	1032	$\frac{2}{129}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1032}\ \Phi_{344}\ \Phi_{129}\ \Phi_{43}\ \Phi_8\ \Phi_1$
23947	635	1512	$\frac{1}{63}$	$\frac{1}{4}$	$\frac{62}{189}$	$\frac{3}{8}$	$\Phi_{1512}\ \Phi_{216}\ \Phi_{189}\ \Phi_{27}\ \Phi_8\ \Phi_1$
23948	635	168	$\frac{1}{42}$	$\frac{41}{168}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^3\ \Phi_{84}^5\ \Phi_{56}^3\ \Phi_{42}^4\ \Phi_{28}^5\ \Phi_{24}^3\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_7^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
23949	635	264	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^4\ \Phi_{132}\ \Phi_{88}^4\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_8^3\ \Phi_4\ \Phi_1$
23950	635	1064	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1064}\ \Phi_{152}\ \Phi_{133}\ \Phi_{19}\ \Phi_8\ \Phi_1$
23951	635	1176	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1176}\ \Phi_{392}\ \Phi_{147}\ \Phi_{49}\ \Phi_8\ \Phi_1$
23952	635	144	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{144}^5\ \Phi_{72}^3\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{24}^3\ \Phi_{18}^4\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
23953	635	1080	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{45}\ \Phi_{40}\ \Phi_{27}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
23954	635	280	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^4\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{40}^4\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
23955	635	192	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{31}{96}$	$\frac{65}{192}$	$\Phi_{192}^5\ \Phi_{96}^2\ \Phi_{64}^5\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
23956	635	144	$\frac{17}{144}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{144}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{24}^2\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{12}^2\ \Phi_9^5\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
23957	635	480	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{40}$	$\frac{33}{160}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}\ \Phi_{96}^2\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
23958	636	948	$\frac{1}{158}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{157}{316}$	$\Phi_{948}\ \Phi_{316}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
23959	636	254	$\frac{1}{127}$	$\frac{32}{127}$	$\frac{95}{254}$	$\frac{63}{127}$	$\Phi_{254}^4\ \Phi_{127}\ \Phi_2^4\ \Phi_1^2$
23960	636	105	$\frac{1}{105}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{52}{105}$	$\Phi_{105}^6\ \Phi_{35}^6\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_7^6\ \Phi_5^7\ \Phi_3^6\ \Phi_1^8$
23961	636	420	$\frac{1}{105}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{52}{105}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
23962	636	635	$\frac{7}{635}$	$\frac{107}{635}$	$\frac{264}{635}$	$\frac{314}{635}$	$\Phi_{635}\ \Phi_{127}\ \Phi_5\ \Phi_1^2$
23963	636	284	$\frac{1}{71}$	$\frac{1}{4}$	$\frac{18}{71}$	$\frac{35}{71}$	$\Phi_{284}^3\ \Phi_{142}^3\ \Phi_4^2\ \Phi_2^2$
23964	636	635	$\frac{9}{635}$	$\frac{158}{635}$	$\frac{161}{635}$	$\frac{313}{635}$	$\Phi_{635}\ \Phi_{127}\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
23965	636	957	$\frac{5}{319}$	$\frac{54}{319}$	$\frac{1}{3}$	$\frac{157}{319}$	$\Phi_{957}\ \Phi_{87}\ \Phi_{33}$
23966	636	1144	$\frac{1}{52}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{51}{104}$	$\Phi_{1144}\ \Phi_{104}^2\ \Phi_{88}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
23967	636	2184	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{2184}\ \Phi_{168}\ \Phi_{21}$
23968	636	1144	$\frac{1}{52}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{51}{104}$	$\Phi_{1144}\ \Phi_{104}^2\ \Phi_{88}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
23969	636	520	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{51}{104}$	$\Phi_{520}^3\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
23970	636	310	$\frac{4}{155}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{151}{310}$	$\Phi_{310}^4\ \Phi_{62}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
23971	636	320	$\frac{1}{32}$	$\frac{11}{64}$	$\frac{1}{5}$	$\frac{31}{64}$	$\Phi_{320}^2\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^2$
23972	636	924	$\frac{5}{154}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{149}{308}$	$\Phi_{924}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{33}\ \Phi_{12}^2$
23973	636	174	$\frac{1}{29}$	$\frac{5}{58}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{174}^6\ \Phi_{87}^5\ \Phi_6^6\ \Phi_3^4$
23974	636	1326	$\frac{2}{51}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{1326}\ \Phi_{442}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
23975	636	127	$\frac{5}{127}$	$\frac{21}{127}$	$\frac{22}{127}$	$\frac{61}{127}$	$\Phi_{127}^5\ \Phi_1^6$
23976	636	1520	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{145}{304}$	$\Phi_{1520}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
23977	636	936	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{234}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
23978	636	100	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{47}{100}$	$\Phi_{100}^{12}\ \Phi_{20}^{12}\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^{12}\ \Phi_2^4\ \Phi_1^4$
23979	636	165	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{165}^6\ \Phi_{33}^5\ \Phi_{15}^6\ \Phi_3^4$
23980	636	858	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{25}{78}$	$\frac{5}{11}$	$\Phi_{858}\ \Phi_{429}\ \Phi_{78}^2\ \Phi_{66}\ \Phi_{39}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
23981	636	616	$\frac{3}{56}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_7^2\ \Phi_1^2$
23982	636	715	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{12}{65}$	$\frac{5}{11}$	$\Phi_{715}\ \Phi_{65}^2\ \Phi_{55}\ \Phi_{11}\ \Phi_5^2\ \Phi_1^2$
23983	636	870	$\frac{1}{29}$	$\frac{14}{145}$	$\frac{1}{3}$	$\frac{131}{290}$	$\Phi_{870}^2\ \Phi_{174}^2\ \Phi_{87}\ \Phi_{30}^2\ \Phi_6^2$
23984	636	480	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{5}$	$\frac{43}{96}$	$\Phi_{480}^3\ \Phi_{160}^3\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
23985	636	1248	$\frac{1}{13}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
23986	636	280	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{1}{5}$	$\frac{121}{280}$	$\Phi_{280}^4\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
23987	636	780	$\frac{1}{13}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}$
23988	636	1170	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{1170}\ \Phi_{390}\ \Phi_{234}\ \Phi_{130}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
23989	636	270	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^4\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^4\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
23990	636	70	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{17}{70}$	$\frac{2}{5}$	$\Phi_{70}^{12}\ \Phi_{35}^6\ \Phi_{14}^{12}\ \Phi_{10}^{12}\ \Phi_7^6\ \Phi_5^7\ \Phi_2^{12}\ \Phi_1^8$
23991	636	55	$\frac{2}{55}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{55}^{12}\ \Phi_{11}^{12}\ \Phi_5^7\ \Phi_1^8$
23992	636	315	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{315}^2\ \Phi_{105}\ \Phi_{63}^4\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_9^4\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
23993	636	280	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{280}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^4\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{28}^4\ \Phi_{20}^2\ \Phi_{14}^4\ \Phi_{10}^2\ \Phi_8^4\ \Phi_7^2\ \Phi_5^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
23994	636	60	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{60}^{12}\ \Phi_{30}^{12}\ \Phi_{20}^{12}\ \Phi_{15}^6\ \Phi_{12}^{12}\ \Phi_{10}^{12}\ \Phi_6^{12}\ \Phi_5^7\ \Phi_4^{12}\ \Phi_3^6\ \Phi_2^{12}\ \Phi_1^8$
23995	636	175	$\frac{3}{35}$	$\frac{16}{175}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{175}^4\ \Phi_{35}^2\ \Phi_{25}^4\ \Phi_7^2\ \Phi_5^3\ \Phi_1^4$
23996	636	702	$\frac{1}{54}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{702}\ \Phi_{351}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
23997	636	1280	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{31}{128}$	$\frac{97}{256}$	$\Phi_{1280}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
23998	636	254	$\frac{3}{127}$	$\frac{31}{127}$	$\frac{32}{127}$	$\frac{95}{254}$	$\Phi_{254}^4\ \Phi_{127}\ \Phi_2^4\ \Phi_1^2$
23999	636	127	$\frac{4}{127}$	$\frac{21}{127}$	$\frac{41}{127}$	$\frac{43}{127}$	$\Phi_{127}^5\ \Phi_1^6$
24000	636	80	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{13}{40}$	$\frac{27}{80}$	$\Phi_{80}^{12}\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{16}^{12}\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
24001	636	635	$\frac{8}{635}$	$\frac{209}{635}$	$\frac{211}{635}$	$\frac{213}{635}$	$\Phi_{635}\ \Phi_{127}\ \Phi_5\ \Phi_1^2$
24002	636	957	$\frac{4}{319}$	$\frac{105}{319}$	$\frac{1}{3}$	$\frac{107}{319}$	$\Phi_{957}\ \Phi_{87}\ \Phi_{33}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
24003	636	237	$\frac{1}{79}$	$\frac{26}{79}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{237}^2\ \Phi_{79}^4\ \Phi_3^3\ \Phi_1^6$
24004	636	108	$\frac{1}{54}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{108}^8\ \Phi_{54}^4\ \Phi_{36}^8\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{12}^7\ \Phi_9^4\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
24005	636	1260	$\frac{2}{105}$	$\frac{1}{4}$	$\frac{103}{315}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
24006	636	546	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{546}\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{42}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2$
24007	636	231	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{24}{77}$	$\frac{1}{3}$	$\Phi_{231}^4\ \Phi_{33}^5\ \Phi_{21}^4\ \Phi_3^4$
24008	636	174	$\frac{2}{29}$	$\frac{5}{58}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{174}^6\ \Phi_{87}^5\ \Phi_6^6\ \Phi_3^4$
24009	636	435	$\frac{1}{29}$	$\frac{28}{145}$	$\frac{39}{145}$	$\frac{1}{3}$	$\Phi_{435}^2\ \Phi_{87}^3\ \Phi_{15}^2\ \Phi_3^2$
24010	636	420	$\frac{1}{35}$	$\frac{17}{70}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
24011	636	660	$\frac{2}{55}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
24012	636	252	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{36}^4\ \Phi_{28}^2\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
24013	636	168	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^6\ \Phi_{84}^5\ \Phi_{42}^5\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^6$
24014	636	900	$\frac{13}{225}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{50}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
24015	636	60	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^{10}\ \Phi_{30}^{10}\ \Phi_{20}^{10}\ \Phi_{15}^{12}\ \Phi_{12}^{11}\ \Phi_{10}^{10}\ \Phi_6^{11}\ \Phi_5^{12}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
24016	636	924	$\frac{19}{231}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{154}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
24017	636	528	$\frac{1}{11}$	$\frac{17}{176}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{48}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{12}^2$
24018	636	1365	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{105}\ \Phi_{21}$
24019	636	1155	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{385}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{165}\ \Phi_{105}\ \Phi_{33}\ \Phi_{15}$
24020	636	858	$\frac{1}{26}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{25}{78}$	$\Phi_{858}\ \Phi_{429}\ \Phi_{78}^2\ \Phi_{66}\ \Phi_{39}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
24021	636	780	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{25}{78}$	$\Phi_{780}^2\ \Phi_{390}\ \Phi_{195}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
24022	636	320	$\frac{1}{16}$	$\frac{11}{64}$	$\frac{1}{5}$	$\frac{5}{16}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
24023	636	60	$\frac{1}{10}$	$\frac{7}{60}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{60}^{12}\ \Phi_{30}^{12}\ \Phi_{20}^{12}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_{10}^4\ \Phi_6^{12}\ \Phi_5^3\ \Phi_4^{12}\ \Phi_3^{12}\ \Phi_2^4\ \Phi_1^4$
24024	636	616	$\frac{3}{56}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_7^2\ \Phi_1^2$
24025	636	715	$\frac{1}{13}$	$\frac{2}{11}$	$\frac{12}{65}$	$\frac{3}{11}$	$\Phi_{715}\ \Phi_{65}^2\ \Phi_{55}\ \Phi_{11}\ \Phi_5^2\ \Phi_1^2$
24026	636	936	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
24027	636	280	$\frac{3}{56}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{280}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{20}\ \Phi_{10}$
24028	636	1040	$\frac{3}{52}$	$\frac{1}{5}$	$\frac{49}{208}$	$\frac{1}{4}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
24029	636	260	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{260}^3\ \Phi_{130}^3\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_4^4\ \Phi_2^4$
24030	636	200	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{5}$	$\frac{41}{200}$	$\Phi_{200}^4\ \Phi_{100}^4\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
24031	637	1264	$\frac{5}{632}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{627}{1264}$	$\Phi_{1264}\ \Phi_{16}\ \Phi_8\ \Phi_1$
24032	637	852	$\frac{2}{213}$	$\frac{215}{852}$	$\frac{1}{3}$	$\frac{211}{426}$	$\Phi_{852}\ \Phi_{284}\ \Phi_{213}\ \Phi_{71}\ \Phi_{12}\ \Phi_4\ \Phi_1$
24033	637	180	$\frac{1}{90}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{89}{180}$	$\Phi_{180}\ \Phi_{90}^6\ \Phi_{60}\ \Phi_{45}^6\ \Phi_{36}\ \Phi_{30}^6\ \Phi_{20}\ \Phi_{18}^6\ \Phi_{15}^6\ \Phi_{12}^2\ \Phi_{10}^6\ \Phi_9^6\ \Phi_6^6\ \Phi_5^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
24034	637	180	$\frac{1}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{89}{180}$	$\Phi_{180}^7\ \Phi_{60}^7\ \Phi_{36}^7\ \Phi_{20}^7\ \Phi_{12}^7\ \Phi_9\ \Phi_4^7\ \Phi_1$
24035	637	96	$\frac{1}{48}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{47}{96}$	$\Phi_{96}^{13}\ \Phi_{32}^{13}\ \Phi_{24}\ \Phi_8\ \Phi_1$
24036	637	480	$\frac{1}{48}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{480}^3\ \Phi_{160}^3\ \Phi_{96}\ \Phi_{32}\ \Phi_{15}\ \Phi_5\ \Phi_1$
24037	637	288	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{47}{96}$	$\Phi_{288}^6\ \Phi_{96}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
24038	637	96	$\frac{1}{48}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{47}{96}$	$\Phi_{96}^{13}\ \Phi_{32}^{13}\ \Phi_{16}\ \Phi_8\ \Phi_1$
24039	637	768	$\frac{3}{128}$	$\frac{131}{768}$	$\frac{1}{4}$	$\frac{125}{256}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
24040	637	1240	$\frac{17}{620}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{603}{1240}$	$\Phi_{1240}\ \Phi_{248}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
24041	637	176	$\frac{3}{88}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{85}{176}$	$\Phi_{176}^{7}\,\Phi_{16}^{7}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
24042	637	1224	$\frac{25}{612}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{587}{1224}$	$\Phi_{1224}\,\Phi_{408}\,\Phi_{136}\,\Phi_{72}\,\Phi_{36}\,\Phi_{24}\,\Phi_{18}\,\Phi_{9}\,\Phi_{8}\,\Phi_{1}$
24043	637	1216	$\frac{29}{608}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{579}{1216}$	$\Phi_{1216}\,\Phi_{64}\,\Phi_{32}\,\Phi_{16}\,\Phi_{8}\,\Phi_{1}$
24044	637	864	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{227}{864}$	$\frac{205}{432}$	$\Phi_{864}\,\Phi_{288}\,\Phi_{216}\,\Phi_{108}\,\Phi_{96}\,\Phi_{72}\,\Phi_{54}\,\Phi_{36}\,\Phi_{32}\,\Phi_{27}\,\Phi_{24}\,\Phi_{18}\,\Phi_{9}\,\Phi_{8}\,\Phi_{1}$
24045	637	53	$\frac{3}{53}$	$\frac{4}{53}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{53}^{12}\,\Phi_{1}^{13}$
24046	637	1200	$\frac{37}{600}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{563}{1200}$	$\Phi_{1200}\,\Phi_{400}\,\Phi_{240}\,\Phi_{80}\,\Phi_{48}\,\Phi_{40}\,\Phi_{20}\,\Phi_{16}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{1}$
24047	637	408	$\frac{2}{51}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{408}^{3}\,\Phi_{136}^{3}\,\Phi_{51}\,\Phi_{24}\,\Phi_{17}\,\Phi_{8}\,\Phi_{1}$
24048	637	72	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{23}{72}$	$\frac{11}{24}$	$\Phi_{72}^{13}\,\Phi_{36}^{13}\,\Phi_{24}\,\Phi_{18}^{13}\,\Phi_{9}^{13}\,\Phi_{8}\,\Phi_{1}$
24049	637	96	$\frac{5}{96}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{96}^{7}\,\Phi_{48}^{6}\,\Phi_{32}^{7}\,\Phi_{24}^{7}\,\Phi_{16}^{6}\,\Phi_{12}^{6}\,\Phi_{8}^{7}\,\Phi_{6}^{6}\,\Phi_{4}^{6}\,\Phi_{3}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
24050	637	312	$\frac{3}{52}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{312}^{4}\,\Phi_{104}^{4}\,\Phi_{52}\,\Phi_{26}\,\Phi_{24}\,\Phi_{13}\,\Phi_{8}\,\Phi_{1}$
24051	637	192	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{15}{64}$	$\frac{11}{24}$	$\Phi_{192}^{4}\,\Phi_{96}^{4}\,\Phi_{64}^{5}\,\Phi_{32}^{5}\,\Phi_{24}\,\Phi_{8}\,\Phi_{1}$
24052	637	120	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{11}{24}$	$\Phi_{120}^{12}\,\Phi_{60}\,\Phi_{40}^{12}\,\Phi_{30}\,\Phi_{24}\,\Phi_{20}\,\Phi_{15}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{1}$
24053	637	216	$\frac{1}{12}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{216}^{6}\,\Phi_{72}^{6}\,\Phi_{54}\,\Phi_{27}\,\Phi_{24}\,\Phi_{18}\,\Phi_{9}\,\Phi_{8}\,\Phi_{1}$
24054	637	24	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{24}^{25}\,\Phi_{12}^{24}\,\Phi_{8}^{31}\,\Phi_{6}^{24}\,\Phi_{4}^{30}\,\Phi_{3}^{24}\,\Phi_{2}^{30}\,\Phi_{1}^{31}$
24055	637	630	$\frac{1}{14}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{630}\,\Phi_{315}\,\Phi_{210}\,\Phi_{126}\,\Phi_{105}\,\Phi_{70}^{2}\,\Phi_{63}\,\Phi_{45}\,\Phi_{42}\,\Phi_{35}^{2}\,\Phi_{21}\,\Phi_{15}\,\Phi_{14}\,\Phi_{10}\,\Phi_{9}\,\Phi_{7}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
24056	637	420	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{420}^{2}\,\Phi_{210}^{2}\,\Phi_{105}^{2}\,\Phi_{84}^{2}\,\Phi_{70}^{2}\,\Phi_{60}\,\Phi_{42}^{2}\,\Phi_{35}^{2}\,\Phi_{30}\,\Phi_{21}^{2}\,\Phi_{15}\,\Phi_{14}\,\Phi_{12}\,\Phi_{10}\,\Phi_{7}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
24057	637	1152	$\frac{3}{64}$	$\frac{61}{576}$	$\frac{1}{4}$	$\frac{515}{1152}$	$\Phi_{1152}\,\Phi_{384}\,\Phi_{128}\,\Phi_{64}\,\Phi_{32}\,\Phi_{16}\,\Phi_{8}\,\Phi_{1}$
24058	637	1152	$\frac{1}{12}$	$\frac{61}{576}$	$\frac{11}{72}$	$\frac{515}{1152}$	$\Phi_{1152}\,\Phi_{384}\,\Phi_{128}\,\Phi_{72}\,\Phi_{36}\,\Phi_{24}\,\Phi_{18}\,\Phi_{9}\,\Phi_{8}\,\Phi_{1}$
24059	637	160	$\frac{3}{80}$	$\frac{11}{80}$	$\frac{1}{4}$	$\frac{69}{160}$	$\Phi_{160}^{7}\,\Phi_{80}\,\Phi_{40}\,\Phi_{32}^{7}\,\Phi_{20}\,\Phi_{16}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{1}$
24060	637	720	$\frac{1}{12}$	$\frac{83}{720}$	$\frac{11}{72}$	$\frac{61}{144}$	$\Phi_{720}\,\Phi_{360}\,\Phi_{240}\,\Phi_{180}\,\Phi_{120}\,\Phi_{90}\,\Phi_{80}\,\Phi_{72}\,\Phi_{60}\,\Phi_{45}\,\Phi_{40}\,\Phi_{36}\,\Phi_{30}\,\Phi_{24}\,\Phi_{20}\,\Phi_{18}\,\Phi_{15}\,\Phi_{10}\,\Phi_{9}\,\Phi_{8}\,\Phi_{5}\,\Phi_{1}$
24061	637	372	$\frac{2}{93}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{372}^{3}\,\Phi_{124}^{3}\,\Phi_{93}\,\Phi_{31}\,\Phi_{12}\,\Phi_{4}\,\Phi_{1}$
24062	637	540	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{44}{135}$	$\frac{5}{12}$	$\Phi_{540}^{3}\,\Phi_{135}\,\Phi_{108}^{3}\,\Phi_{27}\,\Phi_{12}\,\Phi_{4}\,\Phi_{1}$
24063	637	36	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{5}{12}$	$\Phi_{36}^{17}\,\Phi_{18}^{18}\,\Phi_{12}^{18}\,\Phi_{9}^{18}\,\Phi_{6}^{18}\,\Phi_{4}^{18}\,\Phi_{3}^{18}\,\Phi_{2}^{18}\,\Phi_{1}^{19}$
24064	637	120	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{29}{120}$	$\frac{5}{12}$	$\Phi_{120}^{7}\,\Phi_{60}\,\Phi_{40}^{7}\,\Phi_{30}^{6}\,\Phi_{24}^{7}\,\Phi_{20}\,\Phi_{15}^{6}\,\Phi_{12}^{2}\,\Phi_{10}^{6}\,\Phi_{8}^{7}\,\Phi_{6}^{6}\,\Phi_{5}^{6}\,\Phi_{4}^{2}\,\Phi_{3}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
24065	637	1140	$\frac{4}{95}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1140}\,\Phi_{380}\,\Phi_{228}\,\Phi_{95}\,\Phi_{76}\,\Phi_{19}\,\Phi_{12}\,\Phi_{4}\,\Phi_{1}$
24066	637	96	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{96}^{7}\,\Phi_{48}^{7}\,\Phi_{32}^{7}\,\Phi_{24}^{7}\,\Phi_{16}^{7}\,\Phi_{12}^{2}\,\Phi_{8}^{7}\,\Phi_{6}^{6}\,\Phi_{4}^{2}\,\Phi_{3}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
24067	637	108	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{108}^{7}\,\Phi_{54}^{7}\,\Phi_{36}\,\Phi_{27}^{7}\,\Phi_{18}^{6}\,\Phi_{12}^{2}\,\Phi_{9}^{6}\,\Phi_{6}^{6}\,\Phi_{4}^{2}\,\Phi_{3}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
24068	637	60	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{60}^{18}\,\Phi_{20}^{18}\,\Phi_{15}^{6}\,\Phi_{12}^{19}\,\Phi_{5}^{6}\,\Phi_{4}^{19}\,\Phi_{3}^{6}\,\Phi_{1}^{7}$
24069	637	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{168}^{4}\,\Phi_{84}^{2}\,\Phi_{56}^{6}\,\Phi_{42}^{4}\,\Phi_{28}^{4}\,\Phi_{24}^{2}\,\Phi_{21}^{4}\,\Phi_{14}^{5}\,\Phi_{12}\,\Phi_{8}^{3}\,\Phi_{7}^{5}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
24070	637	396	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{396}^{3}\,\Phi_{132}^{3}\,\Phi_{99}\,\Phi_{44}^{3}\,\Phi_{33}\,\Phi_{12}\,\Phi_{11}\,\Phi_{4}\,\Phi_{1}$
24071	637	300	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{300}^{2}\,\Phi_{150}^{2}\,\Phi_{100}^{3}\,\Phi_{75}^{2}\,\Phi_{50}^{3}\,\Phi_{30}^{2}\,\Phi_{25}^{3}\,\Phi_{20}\,\Phi_{15}^{2}\,\Phi_{12}\,\Phi_{10}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
24072	637	1080	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{540}$	$\frac{443}{1080}$	$\Phi_{1080}\,\Phi_{360}\,\Phi_{216}\,\Phi_{120}\,\Phi_{108}\,\Phi_{72}\,\Phi_{54}\,\Phi_{40}\,\Phi_{36}\,\Phi_{27}\,\Phi_{24}\,\Phi_{18}\,\Phi_{9}\,\Phi_{8}\,\Phi_{1}$
24073	637	648	$\frac{11}{648}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{648}\,\Phi_{324}\,\Phi_{216}\,\Phi_{162}\,\Phi_{108}\,\Phi_{81}\,\Phi_{72}\,\Phi_{54}\,\Phi_{36}\,\Phi_{27}\,\Phi_{24}\,\Phi_{12}\,\Phi_{9}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
24074	637	560	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{560}^{2}\,\Phi_{112}^{2}\,\Phi_{80}\,\Phi_{70}^{2}\,\Phi_{35}^{2}\,\Phi_{16}\,\Phi_{14}\,\Phi_{10}\,\Phi_{7}\,\Phi_{5}\,\Phi_{1}$
24075	637	1024	$\frac{3}{128}$	$\frac{125}{512}$	$\frac{1}{4}$	$\frac{387}{1024}$	$\Phi_{1024}\,\Phi_{128}\,\Phi_{64}\,\Phi_{32}\,\Phi_{16}\,\Phi_{8}\,\Phi_{1}$
24076	637	96	$\frac{5}{96}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{96}^{7}\,\Phi_{48}^{7}\,\Phi_{32}^{7}\,\Phi_{24}^{7}\,\Phi_{16}^{7}\,\Phi_{12}^{7}\,\Phi_{8}^{3}\,\Phi_{6}^{7}\,\Phi_{4}^{2}\,\Phi_{3}^{7}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
24077	637	552	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{552}\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
24078	637	960	$\frac{3}{160}$	$\frac{1}{4}$	$\frac{157}{480}$	$\frac{323}{960}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
24079	637	279	$\frac{2}{93}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{279}^3\ \Phi_{93}\ \Phi_{31}\ \Phi_9\ \Phi_1$
24080	637	255	$\frac{2}{51}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{255}^3\ \Phi_{85}^3\ \Phi_{51}\ \Phi_{17}\ \Phi_{15}\ \Phi_5\ \Phi_1$
24081	637	135	$\frac{1}{45}$	$\frac{2}{9}$	$\frac{44}{135}$	$\frac{1}{3}$	$\Phi_{135}^7\ \Phi_{27}^7\ \Phi_9\ \Phi_1$
24082	637	360	$\frac{1}{24}$	$\frac{2}{15}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{90}^3\ \Phi_{72}\ \Phi_{45}^3\ \Phi_{36}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
24083	637	306	$\frac{2}{51}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{306}^3\ \Phi_{153}^3\ \Phi_{51}\ \Phi_{18}\ \Phi_{17}\ \Phi_9\ \Phi_1$
24084	637	816	$\frac{2}{51}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{136}\ \Phi_{51}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_1$
24085	637	780	$\frac{3}{52}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_5\ \Phi_1$
24086	637	360	$\frac{1}{30}$	$\frac{2}{9}$	$\frac{29}{120}$	$\frac{1}{3}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}\ \Phi_{72}^3\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}^3\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
24087	637	960	$\frac{1}{16}$	$\frac{2}{15}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{160}\ \Phi_{64}\ \Phi_{32}\ \Phi_{15}\ \Phi_5\ \Phi_1$
24088	637	855	$\frac{4}{95}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{855}\ \Phi_{171}\ \Phi_{95}\ \Phi_{19}\ \Phi_9\ \Phi_1$
24089	637	288	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}\ \Phi_{72}^3\ \Phi_{48}\ \Phi_{36}^3\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
24090	637	108	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{108}^7\ \Phi_{54}^7\ \Phi_{36}^7\ \Phi_{27}^7\ \Phi_{12}^7\ \Phi_9\ \Phi_4^7\ \Phi_1$
24091	637	675	$\frac{38}{675}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}\ \Phi_{27}\ \Phi_{25}\ \Phi_9\ \Phi_1$
24092	637	45	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{45}^{18}\ \Phi_{15}^6\ \Phi_9^{19}\ \Phi_5^6\ \Phi_3^6\ \Phi_1^7$
24093	637	504	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
24094	637	720	$\frac{7}{90}$	$\frac{83}{720}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
24095	637	99	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{99}^7\ \Phi_{33}^7\ \Phi_{11}^7\ \Phi_9\ \Phi_1$
24096	637	900	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{225}\ \Phi_{180}\ \Phi_{100}\ \Phi_{50}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_9\ \Phi_4\ \Phi_1$
24097	637	60	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{60}^{10}\ \Phi_{30}^{10}\ \Phi_{20}^{10}\ \Phi_{15}^{11}\ \Phi_{12}^{12}\ \Phi_{10}^{10}\ \Phi_6^{12}\ \Phi_5^{11}\ \Phi_4^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
24098	637	270	$\frac{5}{54}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{270}^3\ \Phi_{135}^3\ \Phi_{90}^3\ \Phi_{54}\ \Phi_{45}^3\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
24099	637	120	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{40}^6\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_8^6\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
24100	637	72	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{23}{72}$	$\Phi_{72}^7\ \Phi_{36}^7\ \Phi_{24}^{12}\ \Phi_{18}^8\ \Phi_{12}^{12}\ \Phi_9^8\ \Phi_8^{12}\ \Phi_6^{12}\ \Phi_4^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
24101	637	144	$\frac{1}{24}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{23}{72}$	$\Phi_{144}^8\ \Phi_{72}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_{16}\ \Phi_9^5\ \Phi_8\ \Phi_1$
24102	637	768	$\frac{3}{64}$	$\frac{131}{768}$	$\frac{1}{4}$	$\frac{61}{192}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
24103	637	264	$\frac{3}{44}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{264}^4\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
24104	637	720	$\frac{3}{40}$	$\frac{83}{720}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
24105	637	100	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{100}^7\ \Phi_{50}^7\ \Phi_{25}^7\ \Phi_{20}^3\ \Phi_{10}^5\ \Phi_5^5\ \Phi_4^2\ \Phi_2^4\ \Phi_1^5$
24106	637	468	$\frac{3}{52}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{52}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_1$
24107	637	576	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{15}{64}$	$\frac{5}{18}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{64}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
24108	637	180	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{60}$	$\frac{5}{18}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}\ \Phi_{45}^6\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
24109	637	54	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{54}^{13}\ \Phi_{27}^{13}\ \Phi_{18}^8\ \Phi_9^8\ \Phi_6^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
24110	637	72	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{72}^{12}\ \Phi_{36}^{12}\ \Phi_{18}^{13}\ \Phi_9^{13}\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
24111	637	96	$\frac{5}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{96}^7\ \Phi_{48}^6\ \Phi_{32}^7\ \Phi_{24}^6\ \Phi_{16}^7\ \Phi_{12}^6\ \Phi_8^7\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
24112	637	420	$\frac{1}{14}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{420}^2\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
24113	637	864	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{288}$	$\frac{227}{864}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
24114	637	208	$\frac{3}{52}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{208}^4\ \Phi_{104}^4\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
24115	637	64	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{15}{64}$	$\frac{1}{4}$	$\Phi_{64}^{13}\ \Phi_{32}^{13}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
24116	637	800	$\frac{3}{40}$	$\frac{37}{200}$	$\frac{163}{800}$	$\frac{1}{4}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
24117	637	240	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}\ \Phi_{40}^4\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
24118	637	432	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
24119	637	16	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{16}^{49}\ \Phi_{8}^{31}\ \Phi_{4}^{30}\ \Phi_{2}^{30}\ \Phi_{1}^{31}$
24120	638	1896	$\frac{3}{316}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{313}{632}$	$\Phi_{1896}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
24121	638	546	$\frac{1}{91}$	$\frac{46}{273}$	$\frac{227}{546}$	$\frac{45}{91}$	$\Phi_{546}^2\ \Phi_{182}^2\ \Phi_{91}\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{2}^2\ \Phi_{1}^2$
24122	638	630	$\frac{4}{315}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{311}{630}$	$\Phi_{630}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{2}^2\ \Phi_{1}^2$
24123	638	630	$\frac{4}{315}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{311}{630}$	$\Phi_{630}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{2}^2$
24124	638	384	$\frac{1}{64}$	$\frac{65}{384}$	$\frac{1}{3}$	$\frac{63}{128}$	$\Phi_{384}\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
24125	638	1140	$\frac{1}{57}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{28}{57}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{228}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
24126	638	285	$\frac{1}{57}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{28}{57}$	$\Phi_{285}^2\ \Phi_{95}^2\ \Phi_{57}^3\ \Phi_{19}^3\ \Phi_{15}^3\ \Phi_{5}^2\ \Phi_{3}^4\ \Phi_{1}^4$
24127	638	588	$\frac{1}{49}$	$\frac{25}{294}$	$\frac{269}{588}$	$\frac{24}{49}$	$\Phi_{588}^2\ \Phi_{196}^2\ \Phi_{84}^2\ \Phi_{49}\ \Phi_{28}^2\ \Phi_{12}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
24128	638	441	$\frac{1}{49}$	$\frac{25}{147}$	$\frac{122}{441}$	$\frac{24}{49}$	$\Phi_{441}^2\ \Phi_{63}^2\ \Phi_{49}\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
24129	638	392	$\frac{1}{49}$	$\frac{73}{392}$	$\frac{25}{98}$	$\frac{24}{49}$	$\Phi_{392}^2\ \Phi_{196}^2\ \Phi_{56}^2\ \Phi_{49}\ \Phi_{28}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
24130	638	624	$\frac{7}{312}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{305}{624}$	$\Phi_{624}^2\ \Phi_{208}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{1}^2$
24131	638	624	$\frac{7}{312}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{305}{624}$	$\Phi_{624}^2\ \Phi_{208}^2\ \Phi_{48}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_{6}$
24132	638	1860	$\frac{9}{310}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{301}{620}$	$\Phi_{1860}\ \Phi_{372}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
24133	638	168	$\frac{1}{28}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{27}{56}$	$\Phi_{168}^7\ \Phi_{56}^8\ \Phi_{24}^7\ \Phi_{21}\ \Phi_{8}^8\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^2$
24134	638	168	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{168}^7\ \Phi_{56}^8\ \Phi_{24}^7\ \Phi_{12}^2\ \Phi_{8}^8\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
24135	638	56	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{27}{56}$	$\Phi_{56}^{22}\ \Phi_{14}^2\ \Phi_{8}^{22}\ \Phi_{7}\ \Phi_{2}^2\ \Phi_{1}^2$
24136	638	42	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{10}{21}$	$\Phi_{42}^{15}\ \Phi_{21}^{16}\ \Phi_{14}^{14}\ \Phi_{7}^{15}\ \Phi_{6}^{15}\ \Phi_{3}^{16}\ \Phi_{2}^{14}\ \Phi_{1}^{16}$
24137	638	672	$\frac{1}{21}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^2$
24138	638	105	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{10}{21}$	$\Phi_{105}^7\ \Phi_{35}^8\ \Phi_{21}\ \Phi_{15}^7\ \Phi_{7}\ \Phi_{5}^8\ \Phi_{3}\ \Phi_{1}^2$
24139	638	1824	$\frac{15}{304}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{289}{608}$	$\Phi_{1824}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
24140	638	600	$\frac{1}{20}$	$\frac{19}{300}$	$\frac{1}{3}$	$\frac{281}{600}$	$\Phi_{600}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}^2\ \Phi_{6}$
24141	638	1242	$\frac{1}{23}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1242}\ \Phi_{414}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
24142	638	468	$\frac{7}{156}$	$\frac{1}{13}$	$\frac{149}{468}$	$\frac{6}{13}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_{9}^2\ \Phi_{1}^2$
24143	638	338	$\frac{19}{338}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{338}^2\ \Phi_{169}^2\ \Phi_{13}\ \Phi_{1}^2$
24144	638	416	$\frac{7}{104}$	$\frac{1}{13}$	$\frac{97}{416}$	$\frac{6}{13}$	$\Phi_{416}^2\ \Phi_{208}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{1}^2$
24145	638	390	$\frac{1}{13}$	$\frac{7}{78}$	$\frac{71}{390}$	$\frac{6}{13}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{1}^2$
24146	638	351	$\frac{1}{13}$	$\frac{32}{351}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{351}^2\ \Phi_{117}^2\ \Phi_{27}^2\ \Phi_{13}\ \Phi_{9}^2\ \Phi_{1}^2$
24147	638	364	$\frac{1}{13}$	$\frac{45}{364}$	$\frac{7}{52}$	$\frac{6}{13}$	$\Phi_{364}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_{7}^2\ \Phi_{1}^2$
24148	638	585	$\frac{1}{13}$	$\frac{53}{585}$	$\frac{12}{65}$	$\frac{266}{585}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{117}\ \Phi_{65}^2\ \Phi_{45}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_{9}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
24149	638	390	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{71}{390}$	$\frac{59}{130}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
24150	638	60	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{60}^{19}\ \Phi_{30}^{2}\ \Phi_{20}^{20}\ \Phi_{15}^{2}\ \Phi_{12}^{19}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{20}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
24151	638	920	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{920}\ \Phi_{230}\ \Phi_{184}\ \Phi_{115}\ \Phi_{46}$
24152	638	380	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{9}{38}$	$\frac{9}{20}$	$\Phi_{380}^{3}\ \Phi_{76}^{3}\ \Phi_{38}^{2}\ \Phi_{20}^{4}\ \Phi_{19}\ \Phi_{4}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
24153	638	576	$\frac{1}{32}$	$\frac{31}{288}$	$\frac{1}{3}$	$\frac{257}{576}$	$\Phi_{576}^{2}\ \Phi_{192}^{2}\ \Phi_{96}\ \Phi_{64}^{2}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
24154	638	52	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{2}{13}$	$\frac{23}{52}$	$\Phi_{52}^{22}\ \Phi_{13}^{5}\ \Phi_{4}^{22}\ \Phi_{1}^{6}$
24155	638	1680	$\frac{1}{40}$	$\frac{39}{280}$	$\frac{1}{3}$	$\frac{241}{560}$	$\Phi_{1680}\ \Phi_{336}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
24156	638	420	$\frac{4}{105}$	$\frac{1}{7}$	$\frac{101}{420}$	$\frac{3}{7}$	$\Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{42}^{2}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
24157	638	336	$\frac{17}{336}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{112}^{2}\ \Phi_{84}^{2}\ \Phi_{56}^{2}\ \Phi_{48}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
24158	638	35	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{3}{7}$	$\Phi_{35}^{18}\ \Phi_{7}^{19}\ \Phi_{5}^{18}\ \Phi_{1}^{20}$
24159	638	378	$\frac{4}{63}$	$\frac{1}{7}$	$\frac{59}{378}$	$\frac{3}{7}$	$\Phi_{378}^{2}\ \Phi_{189}^{2}\ \Phi_{126}^{2}\ \Phi_{54}^{2}\ \Phi_{42}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
24160	638	350	$\frac{31}{350}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{350}^{2}\ \Phi_{175}^{2}\ \Phi_{70}^{2}\ \Phi_{50}^{2}\ \Phi_{25}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
24161	638	1150	$\frac{1}{23}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1150}\ \Phi_{230}\ \Phi_{115}\ \Phi_{46}$
24162	638	828	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{828}\ \Phi_{414}\ \Phi_{207}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
24163	638	49	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{20}{49}$	$\Phi_{49}^{13}\ \Phi_{7}^{13}\ \Phi_{1}^{14}$
24164	638	1104	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1104}\ \Phi_{368}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
24165	638	336	$\frac{17}{336}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{112}^{2}\ \Phi_{84}^{2}\ \Phi_{56}^{2}\ \Phi_{48}^{2}\ \Phi_{42}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
24166	638	1062	$\frac{1}{59}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1062}\ \Phi_{354}\ \Phi_{177}\ \Phi_{118}$
24167	638	520	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{59}{260}$	$\frac{201}{520}$	$\Phi_{520}^{2}\ \Phi_{104}^{2}\ \Phi_{65}^{2}\ \Phi_{40}^{2}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
24168	638	1536	$\frac{1}{64}$	$\frac{63}{256}$	$\frac{1}{3}$	$\frac{193}{512}$	$\Phi_{1536}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
24169	638	944	$\frac{1}{59}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{944}\ \Phi_{236}\ \Phi_{118}$
24170	638	483	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{155}{483}$	$\frac{164}{483}$	$\Phi_{483}\ \Phi_{161}^{2}\ \Phi_{69}\ \Phi_{23}^{2}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
24171	638	480	$\frac{1}{80}$	$\frac{79}{240}$	$\frac{1}{3}$	$\frac{161}{480}$	$\Phi_{480}^{2}\ \Phi_{240}\ \Phi_{160}^{2}\ \Phi_{120}\ \Phi_{96}^{2}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}^{2}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
24172	638	384	$\frac{1}{32}$	$\frac{65}{384}$	$\frac{31}{96}$	$\frac{1}{3}$	$\Phi_{384}^{2}\ \Phi_{192}^{2}\ \Phi_{128}^{2}\ \Phi_{96}\ \Phi_{64}^{2}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
24173	638	360	$\frac{1}{20}$	$\frac{41}{360}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{72}^{2}\ \Phi_{60}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}$
24174	638	96	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{96}^{11}\ \Phi_{48}^{9}\ \Phi_{24}^{9}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{3}^{8}$
24175	638	84	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{84}^{8}\ \Phi_{42}^{7}\ \Phi_{28}^{8}\ \Phi_{21}^{7}\ \Phi_{14}^{6}\ \Phi_{12}^{10}\ \Phi_{7}^{6}\ \Phi_{6}^{9}\ \Phi_{4}^{10}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
24176	638	336	$\frac{17}{336}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{112}^{2}\ \Phi_{84}^{2}\ \Phi_{56}^{2}\ \Phi_{48}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{7}^{2}\ \Phi_{6}$
24177	638	30	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{30}^{22}\ \Phi_{15}^{21}\ \Phi_{10}^{22}\ \Phi_{6}^{22}\ \Phi_{5}^{20}\ \Phi_{3}^{20}\ \Phi_{2}^{22}\ \Phi_{1}^{20}$
24178	638	96	$\frac{1}{12}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{96}^{7}\ \Phi_{48}^{7}\ \Phi_{32}^{8}\ \Phi_{24}^{7}\ \Phi_{16}^{8}\ \Phi_{12}^{2}\ \Phi_{8}^{8}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
24179	638	420	$\frac{4}{105}$	$\frac{1}{5}$	$\frac{101}{420}$	$\frac{1}{3}$	$\Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{42}^{2}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
24180	638	1248	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{97}{416}$	$\frac{1}{3}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
24181	638	828	$\frac{1}{23}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
24182	638	1200	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{81}{400}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
24183	638	1050	$\frac{31}{350}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{210}\ \Phi_{150}\ \Phi_{75}\ \Phi_{42}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
24184	638	360	$\frac{4}{45}$	$\frac{41}{360}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
24185	638	420	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24186	638	42	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{13}{42}$	$\Phi_{42}^{22}\ \Phi_{21}^{22}\ \Phi_{14}^2\ \Phi_7\ \Phi_6^{22}\ \Phi_3^{22}\ \Phi_2^2\ \Phi_1^2$
24187	638	126	$\frac{5}{63}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{126}^7\ \Phi_{63}^4\ \Phi_{42}^7\ \Phi_{21}^4\ \Phi_{18}^7\ \Phi_{14}^2\ \Phi_9^4\ \Phi_7\ \Phi_6^7\ \Phi_3^4\ \Phi_2^2\ \Phi_1^2$
24188	638	390	$\frac{1}{13}$	$\frac{71}{390}$	$\frac{12}{65}$	$\frac{53}{195}$	$\Phi_{390}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24189	638	570	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{9}{38}$	$\frac{4}{15}$	$\Phi_{570}^2\ \Phi_{285}\ \Phi_{114}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
24190	638	39	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{3}{13}$	$\frac{10}{39}$	$\Phi_{39}^{22}\ \Phi_{13}^5\ \Phi_3^{22}\ \Phi_1^6$
24191	638	224	$\frac{3}{32}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{224}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{32}^4\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_8^4\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
24192	638	70	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{3}{14}$	$\Phi_{70}^{14}\ \Phi_{35}^8\ \Phi_{14}^2\ \Phi_{10}^{14}\ \Phi_7\ \Phi_5^8\ \Phi_2^2\ \Phi_1^2$
24193	639	560	$\frac{1}{70}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{69}{140}$	$\Phi_{560}^2\ \Phi_{140}\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
24194	639	140	$\frac{1}{70}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{69}{140}$	$\Phi_{140}^5\ \Phi_{70}^4\ \Phi_{35}^4\ \Phi_{28}^5\ \Phi_{20}^5\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_5^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
24195	639	1160	$\frac{1}{58}$	$\frac{59}{580}$	$\frac{521}{1160}$	$\frac{57}{116}$	$\Phi_{1160}\ \Phi_{232}\ \Phi_{116}\ \Phi_{40}\ \Phi_8\ \Phi_4\ \Phi_1$
24196	639	690	$\frac{2}{69}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{115}\ \Phi_{69}\ \Phi_{30}^2\ \Phi_{23}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
24197	639	1232	$\frac{23}{616}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{593}{1232}$	$\Phi_{1232}\ \Phi_{176}\ \Phi_{112}\ \Phi_{44}\ \Phi_{16}\ \Phi_4\ \Phi_1$
24198	639	480	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{480}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
24199	639	680	$\frac{3}{68}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{680}^2\ \Phi_{136}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
24200	639	308	$\frac{1}{22}$	$\frac{23}{308}$	$\frac{95}{308}$	$\frac{21}{44}$	$\Phi_{308}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{44}^3\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
24201	639	704	$\frac{1}{22}$	$\frac{65}{704}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{64}\ \Phi_{44}\ \Phi_{32}\ \Phi_{16}\ \Phi_4\ \Phi_1$
24202	639	132	$\frac{1}{22}$	$\frac{5}{66}$	$\frac{7}{22}$	$\frac{61}{132}$	$\Phi_{132}^9\ \Phi_{44}^9\ \Phi_{22}^2\ \Phi_{12}^9\ \Phi_{11}^2\ \Phi_4^9\ \Phi_2^2\ \Phi_1^3$
24203	639	132	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{61}{132}$	$\Phi_{132}^9\ \Phi_{44}^9\ \Phi_{12}^9\ \Phi_{11}^4\ \Phi_4^9\ \Phi_1^5$
24204	639	660	$\frac{5}{66}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{660}^2\ \Phi_{220}^2\ \Phi_{132}\ \Phi_{60}^2\ \Phi_{44}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
24205	639	77	$\frac{6}{77}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{77}^9\ \Phi_{11}^4\ \Phi_7^9\ \Phi_1^5$
24206	639	880	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{241}{880}$	$\frac{199}{440}$	$\Phi_{880}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
24207	639	87	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{16}{87}$	$\frac{13}{29}$	$\Phi_{87}^9\ \Phi_{29}^4\ \Phi_3^9\ \Phi_1^5$
24208	639	640	$\frac{1}{10}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{640}^2\ \Phi_{128}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
24209	639	1680	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{34}{105}$	$\frac{7}{16}$	$\Phi_{1680}\ \Phi_{336}\ \Phi_{240}\ \Phi_{105}\ \Phi_{48}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_3\ \Phi_1$
24210	639	1200	$\frac{4}{75}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{75}\ \Phi_{48}\ \Phi_{25}\ \Phi_{16}\ \Phi_{15}\ \Phi_3\ \Phi_1$
24211	639	336	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{84}$	$\frac{7}{16}$	$\Phi_{336}^4\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{48}^4\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
24212	639	1232	$\frac{6}{77}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{1232}\ \Phi_{176}\ \Phi_{77}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
24213	639	80	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{80}^7\ \Phi_{40}^9\ \Phi_{20}^9\ \Phi_{16}^8\ \Phi_{10}^8\ \Phi_8^9\ \Phi_5^8\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
24214	639	630	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
24215	639	88	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{17}{88}$	$\frac{37}{88}$	$\Phi_{88}^6\ \Phi_{44}^9\ \Phi_{22}^8\ \Phi_{11}^8\ \Phi_8^6\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
24216	639	1100	$\frac{1}{22}$	$\frac{89}{550}$	$\frac{21}{110}$	$\frac{461}{1100}$	$\Phi_{1100}\ \Phi_{220}\ \Phi_{110}\ \Phi_{100}\ \Phi_{55}\ \Phi_{44}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
24217	639	120	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{120}^9\ \Phi_{60}^2\ \Phi_{40}^9\ \Phi_{30}^2\ \Phi_{24}^9\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8^9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
24218	639	352	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{37}{176}$	$\frac{139}{352}$	$\Phi_{352}^3\ \Phi_{44}^3\ \Phi_{32}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
24219	639	116	$\frac{1}{58}$	$\frac{13}{58}$	$\frac{19}{58}$	$\frac{45}{116}$	$\Phi_{116}^9\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_4^9\ \Phi_2^2\ \Phi_1^3$
24220	639	116	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{13}{58}$	$\frac{45}{116}$	$\Phi_{116}^9\ \Phi_{29}^4\ \Phi_4^9\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
24221	639	928	$\frac{1}{58}$	$\frac{57}{232}$	$\frac{289}{928}$	$\frac{175}{464}$	$\Phi_{928}\ \Phi_{232}\ \Phi_{116}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
24222	639	540	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{540}^2\ \Phi_{180}^2\ \Phi_{108}\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
24223	639	319	$\frac{4}{319}$	$\frac{105}{319}$	$\frac{106}{319}$	$\frac{107}{319}$	$\Phi_{319}^2\ \Phi_{29}^2\ \Phi_{11}^2\ \Phi_1^3$
24224	639	420	$\frac{1}{35}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{34}{105}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{105}^3\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
24225	639	209	$\frac{8}{209}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{67}{209}$	$\Phi_{209}^3\ \Phi_{19}^3\ \Phi_{11}^4\ \Phi_1^5$
24226	639	88	$\frac{1}{22}$	$\frac{17}{88}$	$\frac{5}{22}$	$\frac{7}{22}$	$\Phi_{88}^9\ \Phi_{44}^9\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^9\ \Phi_4^9\ \Phi_2^2\ \Phi_1^3$
24227	639	203	$\frac{2}{29}$	$\frac{20}{203}$	$\frac{61}{203}$	$\frac{9}{29}$	$\Phi_{203}^3\ \Phi_{29}^4\ \Phi_7^3\ \Phi_1^5$
24228	639	99	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{2}{11}$	$\frac{28}{99}$	$\Phi_{99}^9\ \Phi_{11}^4\ \Phi_9^9\ \Phi_1^5$
24229	639	480	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
24230	639	300	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^3\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
24231	639	84	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{84}^9\ \Phi_{42}^9\ \Phi_{28}^5\ \Phi_{21}^9\ \Phi_{14}^4\ \Phi_{12}^9\ \Phi_7^4\ \Phi_6^9\ \Phi_4^7\ \Phi_3^9\ \Phi_2^6\ \Phi_1^7$
24232	639	308	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{308}^2\ \Phi_{154}^2\ \Phi_{77}^3\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
24233	639	80	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{80}^9\ \Phi_{40}^9\ \Phi_{20}^5\ \Phi_{16}^9\ \Phi_{10}^4\ \Phi_8^9\ \Phi_5^4\ \Phi_4^7\ \Phi_6^6\ \Phi_2^7\ \Phi_1^7$
24234	639	88	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{17}{88}$	$\frac{5}{22}$	$\Phi_{88}^9\ \Phi_{44}^9\ \Phi_{11}^4\ \Phi_8^9\ \Phi_4^9\ \Phi_1^5$
24235	640	159	$\frac{1}{159}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{79}{159}$	$\Phi_{159}^4\ \Phi_{53}^4\ \Phi_3^5\ \Phi_1^6$
24236	640	639	$\frac{5}{639}$	$\frac{161}{639}$	$\frac{239}{639}$	$\frac{317}{639}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_9\ \Phi_3\ \Phi_1^2$
24237	640	1016	$\frac{1}{127}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{63}{127}$	$\Phi_{1016}\ \Phi_{127}\ \Phi_8^2\ \Phi_1^2$
24238	640	321	$\frac{1}{107}$	$\frac{27}{107}$	$\frac{1}{3}$	$\frac{53}{107}$	$\Phi_{321}^3\ \Phi_3^2$
24239	640	553	$\frac{1}{79}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{39}{79}$	$\Phi_{553}\ \Phi_{79}^2\ \Phi_7^2\ \Phi_1^4$
24240	640	1185	$\frac{1}{79}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{39}{79}$	$\Phi_{1185}\ \Phi_{15}^2$
24241	640	71	$\frac{1}{71}$	$\frac{9}{71}$	$\frac{31}{71}$	$\frac{35}{71}$	$\Phi_{71}^9\ \Phi_1^{10}$
24242	640	213	$\frac{1}{71}$	$\frac{53}{213}$	$\frac{18}{71}$	$\frac{35}{71}$	$\Phi_{213}^4\ \Phi_{71}\ \Phi_3^4\ \Phi_1^2$
24243	640	63	$\frac{1}{63}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{31}{63}$	$\Phi_{63}^{10}\ \Phi_{21}^{10}\ \Phi_9^{11}\ \Phi_7^{10}\ \Phi_3^{11}\ \Phi_1^{12}$
24244	640	126	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{31}{63}$	$\Phi_{126}^6\ \Phi_{63}^4\ \Phi_{42}^6\ \Phi_{21}^4\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_9^4\ \Phi_7^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
24245	640	639	$\frac{11}{639}$	$\frac{65}{639}$	$\frac{287}{639}$	$\frac{314}{639}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_9\ \Phi_3\ \Phi_1^2$
24246	640	805	$\frac{3}{161}$	$\frac{1}{5}$	$\frac{41}{161}$	$\frac{79}{161}$	$\Phi_{805}\ \Phi_{115}\ \Phi_{35}$
24247	640	639	$\frac{13}{639}$	$\frac{119}{639}$	$\frac{163}{639}$	$\frac{313}{639}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_9\ \Phi_3\ \Phi_1^2$
24248	640	321	$\frac{7}{321}$	$\frac{41}{321}$	$\frac{1}{3}$	$\frac{157}{321}$	$\Phi_{321}^2\ \Phi_{107}^2\ \Phi_3\ \Phi_1^2$
24249	640	258	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{11}{43}$	$\frac{21}{43}$	$\Phi_{258}^3\ \Phi_{129}^3\ \Phi_{86}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
24250	640	195	$\frac{1}{39}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{19}{39}$	$\Phi_{195}^3\ \Phi_{65}^3\ \Phi_{39}^4\ \Phi_{15}^4\ \Phi_{13}^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
24251	640	117	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{117}^6\ \Phi_{39}^4\ \Phi_{13}^4\ \Phi_9^8\ \Phi_3^5\ \Phi_1^6$
24252	640	195	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{19}{39}$	$\Phi_{195}^3\ \Phi_{65}^3\ \Phi_{39}^4\ \Phi_{15}^3\ \Phi_{13}^4\ \Phi_5^6\ \Phi_3^4\ \Phi_1^8$
24253	640	639	$\frac{17}{639}$	$\frac{41}{639}$	$\frac{299}{639}$	$\frac{311}{639}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_9\ \Phi_3\ \Phi_1^2$
24254	640	639	$\frac{17}{639}$	$\frac{95}{639}$	$\frac{164}{639}$	$\frac{311}{639}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_9\ \Phi_3\ \Phi_1^2$
24255	640	321	$\frac{3}{107}$	$\frac{11}{107}$	$\frac{1}{3}$	$\frac{52}{107}$	$\Phi_{321}^3\ \Phi_3^2$
24256	640	621	$\frac{19}{621}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{301}{621}$	$\Phi_{621}\ \Phi_{207}\ \Phi_{69}\ \Phi_{27}^2\ \Phi_{23}\ \Phi_9\ \Phi_3\ \Phi_1^2$
24257	640	589	$\frac{1}{31}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{15}{31}$	$\Phi_{589}\ \Phi_{31}^2\ \Phi_{19}^2\ \Phi_1^4$
24258	640	1023	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{1023}\ \Phi_{33}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
24259	640	589	$\frac{1}{31}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{15}{31}$	$\Phi_{589}\ \Phi_{31}^2\ \Phi_{19}^2\ \Phi_1^4$
24260	640	930	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{15}{31}$	$\Phi_{930}\ \Phi_{465}\ \Phi_{310}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
24261	640	213	$\frac{7}{213}$	$\frac{11}{213}$	$\frac{101}{213}$	$\frac{103}{213}$	$\Phi_{213}^3\ \Phi_{71}^3\ \Phi_3^3\ \Phi_1^4$
24262	640	27	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{27}^{24}\ \Phi_9^{23}\ \Phi_3^{23}\ \Phi_1^{24}$
24263	640	385	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{37}{77}$	$\Phi_{385}^2\ \Phi_{55}^2\ \Phi_{35}^3\ \Phi_5^2$
24264	640	639	$\frac{25}{639}$	$\frac{83}{639}$	$\frac{139}{639}$	$\frac{307}{639}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_9\ \Phi_3\ \Phi_1^2$
24265	640	115	$\frac{1}{23}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{115}^7\ \Phi_5^6$
24266	640	639	$\frac{29}{639}$	$\frac{59}{639}$	$\frac{167}{639}$	$\frac{305}{639}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_9\ \Phi_3\ \Phi_1^2$
24267	640	153	$\frac{7}{153}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{73}{153}$	$\Phi_{153}^4\ \Phi_{51}^4\ \Phi_{17}^4\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
24268	640	715	$\frac{3}{65}$	$\frac{1}{11}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{715}\ \Phi_{143}\ \Phi_{55}$
24269	640	321	$\frac{5}{107}$	$\frac{7}{107}$	$\frac{1}{3}$	$\frac{51}{107}$	$\Phi_{321}^3\ \Phi_3^2$
24270	640	639	$\frac{31}{639}$	$\frac{67}{639}$	$\frac{143}{639}$	$\frac{304}{639}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_9\ \Phi_3\ \Phi_1^2$
24271	640	213	$\frac{11}{213}$	$\frac{28}{213}$	$\frac{37}{213}$	$\frac{101}{213}$	$\Phi_{213}^3\ \Phi_{71}^3\ \Phi_3^3\ \Phi_1^4$
24272	640	969	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{969}\ \Phi_{51}^2$
24273	640	589	$\frac{1}{19}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{9}{19}$	$\Phi_{589}\ \Phi_{31}^2\ \Phi_{19}^2\ \Phi_1^4$
24274	640	855	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{45}^2\ \Phi_{15}^2$
24275	640	258	$\frac{7}{129}$	$\frac{17}{129}$	$\frac{1}{6}$	$\frac{61}{129}$	$\Phi_{258}^3\ \Phi_{129}^2\ \Phi_{86}^3\ \Phi_{43}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24276	640	805	$\frac{9}{161}$	$\frac{17}{161}$	$\frac{1}{5}$	$\frac{76}{161}$	$\Phi_{805}\ \Phi_{115}\ \Phi_{35}$
24277	640	639	$\frac{37}{639}$	$\frac{47}{639}$	$\frac{169}{639}$	$\frac{301}{639}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_9\ \Phi_3\ \Phi_1^2$
24278	640	321	$\frac{17}{321}$	$\frac{19}{321}$	$\frac{1}{3}$	$\frac{151}{321}$	$\Phi_{321}^2\ \Phi_{107}^2\ \Phi_3\ \Phi_1^2$
24279	640	105	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{105}^6\ \Phi_{35}^6\ \Phi_{21}^8\ \Phi_{15}^4\ \Phi_7^8\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
24280	640	195	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{7}{15}$	$\Phi_{195}^3\ \Phi_{65}^3\ \Phi_{39}^3\ \Phi_{15}^4\ \Phi_{13}^6\ \Phi_5^4\ \Phi_3^4\ \Phi_1^8$
24281	640	165	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{165}^4\ \Phi_{55}^5\ \Phi_{33}^4\ \Phi_{11}^4$
24282	640	195	$\frac{1}{15}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{7}{15}$	$\Phi_{195}^3\ \Phi_{65}^3\ \Phi_{39}^4\ \Phi_{15}^4\ \Phi_{13}^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
24283	640	90	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{90}^9\ \Phi_{45}^6\ \Phi_{30}^6\ \Phi_{18}^{12}\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_9^8\ \Phi_6^8\ \Phi_5^4\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
24284	640	697	$\frac{1}{17}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	Φ_{697}
24285	640	639	$\frac{43}{639}$	$\frac{49}{639}$	$\frac{149}{639}$	$\frac{295}{639}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_9\ \Phi_3\ \Phi_1^2$
24286	640	429	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{429}^2\ \Phi_{143}\ \Phi_{33}^2$
24287	640	297	$\frac{23}{297}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{137}{297}$	$\Phi_{297}^2\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{27}^4\ \Phi_{11}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
24288	640	81	$\frac{7}{81}$	$\frac{1}{9}$	$\frac{11}{81}$	$\frac{37}{81}$	$\Phi_{81}^8\ \Phi_{27}^8\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
24289	640	213	$\frac{19}{213}$	$\frac{23}{213}$	$\frac{29}{213}$	$\frac{97}{213}$	$\Phi_{213}^3\ \Phi_{71}^3\ \Phi_3^3\ \Phi_1^4$
24290	640	231	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{231}^3\ \Phi_{77}^3\ \Phi_{33}^3\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2$
24291	640	805	$\frac{11}{161}$	$\frac{15}{161}$	$\frac{1}{5}$	$\frac{73}{161}$	$\Phi_{805}\ \Phi_{115}\ \Phi_{35}$
24292	640	639	$\frac{29}{639}$	$\frac{61}{639}$	$\frac{175}{639}$	$\frac{289}{639}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_9\ \Phi_3\ \Phi_1^2$
24293	640	639	$\frac{35}{639}$	$\frac{61}{639}$	$\frac{151}{639}$	$\frac{289}{639}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_9\ \Phi_3\ \Phi_1^2$
24294	640	321	$\frac{11}{321}$	$\frac{31}{321}$	$\frac{1}{3}$	$\frac{145}{321}$	$\Phi_{321}^2\ \Phi_{107}^2\ \Phi_3\ \Phi_1^2$
24295	640	639	$\frac{44}{639}$	$\frac{65}{639}$	$\frac{119}{639}$	$\frac{287}{639}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_9\ \Phi_3\ \Phi_1^2$
24296	640	715	$\frac{1}{11}$	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{29}{65}$	$\Phi_{715}\ \Phi_{143}\ \Phi_{55}$
24297	640	99	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{99}^6\ \Phi_{33}^8\ \Phi_{11}^8\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
24298	640	63	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{5}{21}$	$\frac{4}{9}$	$\Phi_{63}^{9}\ \Phi_{21}^{12}\ \Phi_{9}^{10}\ \Phi_{7}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
24299	640	765	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{85}^{2}$
24300	640	189	$\frac{5}{63}$	$\frac{1}{9}$	$\frac{29}{189}$	$\frac{4}{9}$	$\Phi_{189}^{4}\ \Phi_{63}^{2}\ \Phi_{27}^{4}\ \Phi_{21}^{2}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
24301	640	315	$\frac{3}{35}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{315}^{2}\ \Phi_{105}^{2}\ \Phi_{63}\ \Phi_{45}^{2}\ \Phi_{35}^{4}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
24302	640	9	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{9}^{71}\ \Phi_{3}^{71}\ \Phi_{1}^{72}$
24303	640	639	$\frac{55}{639}$	$\frac{73}{639}$	$\frac{89}{639}$	$\frac{283}{639}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
24304	640	258	$\frac{3}{43}$	$\frac{5}{43}$	$\frac{1}{6}$	$\frac{19}{43}$	$\Phi_{258}^{3}\ \Phi_{129}^{3}\ \Phi_{86}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
24305	640	805	$\frac{9}{161}$	$\frac{19}{161}$	$\frac{1}{5}$	$\frac{71}{161}$	$\Phi_{805}\ \Phi_{115}\ \Phi_{35}$
24306	640	639	$\frac{23}{639}$	$\frac{77}{639}$	$\frac{179}{639}$	$\frac{281}{639}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
24307	640	321	$\frac{3}{107}$	$\frac{13}{107}$	$\frac{1}{3}$	$\frac{47}{107}$	$\Phi_{321}^{3}\ \Phi_{3}^{2}$
24308	640	71	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{31}{71}$	$\Phi_{71}^{9}\ \Phi_{1}^{10}$
24309	640	567	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{567}$	$\frac{247}{567}$	$\Phi_{567}\ \Phi_{189}\ \Phi_{81}^{2}\ \Phi_{63}\ \Phi_{27}^{2}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
24310	640	861	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{861}\ \Phi_{123}^{2}$
24311	640	231	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{231}^{3}\ \Phi_{77}^{3}\ \Phi_{33}^{2}\ \Phi_{21}^{3}\ \Phi_{11}^{2}\ \Phi_{3}^{2}$
24312	640	553	$\frac{3}{79}$	$\frac{1}{7}$	$\frac{19}{79}$	$\frac{3}{7}$	$\Phi_{553}\ \Phi_{79}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
24313	640	105	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{105}^{8}\ \Phi_{35}^{7}\ \Phi_{15}^{8}\ \Phi_{5}^{6}$
24314	640	553	$\frac{4}{79}$	$\frac{1}{7}$	$\frac{15}{79}$	$\frac{3}{7}$	$\Phi_{553}\ \Phi_{79}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
24315	640	714	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{102}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{2}$
24316	640	553	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{553}\ \Phi_{79}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
24317	640	693	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{99}^{2}\ \Phi_{33}^{2}$
24318	640	639	$\frac{23}{639}$	$\frac{97}{639}$	$\frac{154}{639}$	$\frac{271}{639}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
24319	640	345	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{1}{5}$	$\frac{29}{69}$	$\Phi_{345}^{2}\ \Phi_{115}^{3}\ \Phi_{15}^{2}\ \Phi_{5}^{2}$
24320	640	697	$\frac{1}{17}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	Φ_{697}
24321	640	697	$\frac{1}{41}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	Φ_{697}
24322	640	639	$\frac{47}{639}$	$\frac{74}{639}$	$\frac{113}{639}$	$\frac{263}{639}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
24323	640	71	$\frac{6}{71}$	$\frac{7}{71}$	$\frac{13}{71}$	$\frac{29}{71}$	$\Phi_{71}^{9}\ \Phi_{1}^{10}$
24324	640	27	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{27}^{24}\ \Phi_{9}^{23}\ \Phi_{3}^{23}\ \Phi_{1}^{24}$
24325	640	639	$\frac{19}{639}$	$\frac{121}{639}$	$\frac{155}{639}$	$\frac{259}{639}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
24326	640	639	$\frac{34}{639}$	$\frac{95}{639}$	$\frac{121}{639}$	$\frac{259}{639}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
24327	640	805	$\frac{6}{161}$	$\frac{31}{161}$	$\frac{1}{5}$	$\frac{65}{161}$	$\Phi_{805}\ \Phi_{115}\ \Phi_{35}$
24328	640	639	$\frac{14}{639}$	$\frac{125}{639}$	$\frac{191}{639}$	$\frac{257}{639}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
24329	640	321	$\frac{2}{107}$	$\frac{21}{107}$	$\frac{1}{3}$	$\frac{43}{107}$	$\Phi_{321}^{3}\ \Phi_{3}^{2}$
24330	640	385	$\frac{3}{35}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{385}^{2}\ \Phi_{77}^{2}\ \Phi_{55}$
24331	640	213	$\frac{8}{213}$	$\frac{41}{213}$	$\frac{43}{213}$	$\frac{85}{213}$	$\Phi_{213}^{3}\ \Phi_{71}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
24332	640	231	$\frac{1}{21}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{231}^{3}\ \Phi_{77}^{3}\ \Phi_{33}^{2}\ \Phi_{21}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
24333	640	697	$\frac{1}{17}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	Φ_{697}
24334	640	213	$\frac{13}{213}$	$\frac{25}{213}$	$\frac{47}{213}$	$\frac{83}{213}$	$\Phi_{213}^{3}\ \Phi_{71}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
24335	640	639	$\frac{49}{639}$	$\frac{59}{639}$	$\frac{145}{639}$	$\frac{247}{639}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
24336	640	143	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{143}^{5}\ \Phi_{11}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
24337	640	81	$\frac{5}{81}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{31}{81}$	$\Phi_{81}^{8}\ \Phi_{27}^{8}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
24338	640	639	$\frac{35}{639}$	$\frac{79}{639}$	$\frac{151}{639}$	$\frac{244}{639}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
24339	640	71	$\frac{3}{71}$	$\frac{11}{71}$	$\frac{17}{71}$	$\frac{27}{71}$	$\Phi_{71}^{9}\ \Phi_{1}^{10}$
24340	640	258	$\frac{5}{129}$	$\frac{1}{6}$	$\frac{31}{129}$	$\frac{49}{129}$	$\Phi_{258}^{3}\ \Phi_{129}^{2}\ \Phi_{86}^{3}\ \Phi_{43}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
24341	640	805	$\frac{5}{161}$	$\frac{1}{5}$	$\frac{39}{161}$	$\frac{61}{161}$	$\Phi_{805}\ \Phi_{115}\ \Phi_{35}$
24342	640	639	$\frac{11}{639}$	$\frac{157}{639}$	$\frac{199}{639}$	$\frac{241}{639}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
24343	640	321	$\frac{5}{321}$	$\frac{79}{321}$	$\frac{1}{3}$	$\frac{121}{321}$	$\Phi_{321}^{2}\ \Phi_{107}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
24344	640	1560	$\frac{1}{65}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1560}\ \Phi_{312}\ \Phi_{195}\ \Phi_{120}\ \Phi_{39}\ \Phi_{15}$
24345	640	1016	$\frac{3}{127}$	$\frac{31}{127}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1016}\ \Phi_{127}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
24346	640	1320	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{165}\ \Phi_{120}\ \Phi_{55}\ \Phi_{15}$
24347	640	1016	$\frac{7}{127}$	$\frac{15}{127}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1016}\ \Phi_{127}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
24348	640	1224	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{153}\ \Phi_{51}$
24349	640	243	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{77}{243}$	$\frac{83}{243}$	$\Phi_{243}^{2}\ \Phi_{81}^{4}\ \Phi_{27}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
24350	640	81	$\frac{1}{81}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{81}^{8}\ \Phi_{27}^{8}\ \Phi_{9}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
24351	640	477	$\frac{2}{159}$	$\frac{157}{477}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{477}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
24352	640	159	$\frac{1}{53}$	$\frac{13}{53}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{159}^{3}\ \Phi_{53}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
24353	640	615	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{615}\ \Phi_{205}^{2}$
24354	640	159	$\frac{4}{159}$	$\frac{31}{159}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{159}^{4}\ \Phi_{53}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
24355	640	66	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{66}^{12}\ \Phi_{33}^{8}\ \Phi_{22}^{12}\ \Phi_{11}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
24356	640	159	$\frac{7}{159}$	$\frac{19}{159}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{159}^{4}\ \Phi_{53}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
24357	640	63	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{63}^{12}\ \Phi_{21}^{8}\ \Phi_{9}^{8}\ \Phi_{7}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
24358	640	159	$\frac{3}{53}$	$\frac{5}{53}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{159}^{3}\ \Phi_{53}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
24359	640	561	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{561}\ \Phi_{187}^{2}$
24360	640	378	$\frac{2}{63}$	$\frac{1}{6}$	$\frac{61}{189}$	$\frac{1}{3}$	$\Phi_{378}^{3}\ \Phi_{189}^{2}\ \Phi_{54}^{3}\ \Phi_{27}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
24361	640	117	$\frac{2}{39}$	$\frac{1}{9}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{117}^{5}\ \Phi_{39}^{6}\ \Phi_{13}^{6}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
24362	640	315	$\frac{1}{21}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{315}^{3}\ \Phi_{63}^{3}\ \Phi_{45}^{2}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
24363	640	297	$\frac{1}{33}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{297}^{3}\ \Phi_{33}^{2}\ \Phi_{27}^{2}\ \Phi_{11}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
24364	640	1185	$\frac{3}{79}$	$\frac{1}{5}$	$\frac{19}{79}$	$\frac{1}{3}$	$\Phi_{1185}\ \Phi_{15}^{2}$
24365	640	321	$\frac{13}{321}$	$\frac{61}{321}$	$\frac{77}{321}$	$\frac{1}{3}$	$\Phi_{321}^{2}\ \Phi_{107}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
24366	640	42	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{5}{21}$	$\frac{1}{3}$	$\Phi_{42}^{18}\ \Phi_{21}^{12}\ \Phi_{14}^{18}\ \Phi_{7}^{12}\ \Phi_{6}^{20}\ \Phi_{3}^{13}\ \Phi_{2}^{20}\ \Phi_{1}^{14}$
24367	640	321	$\frac{17}{321}$	$\frac{49}{321}$	$\frac{76}{321}$	$\frac{1}{3}$	$\Phi_{321}^{2}\ \Phi_{107}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
24368	640	117	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{117}^{6}\ \Phi_{39}^{3}\ \Phi_{13}^{6}\ \Phi_{9}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
24369	640	321	$\frac{29}{321}$	$\frac{31}{321}$	$\frac{73}{321}$	$\frac{1}{3}$	$\Phi_{321}^{2}\ \Phi_{107}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
24370	640	1023	$\frac{1}{11}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{1023}\ \Phi_{33}^{2}$
24371	640	270	$\frac{7}{135}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{270}^{3}\ \Phi_{135}^{2}\ \Phi_{90}^{3}\ \Phi_{54}^{3}\ \Phi_{45}^{2}\ \Phi_{30}^{3}\ \Phi_{27}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
24372	640	321	$\frac{25}{321}$	$\frac{37}{321}$	$\frac{71}{321}$	$\frac{1}{3}$	$\Phi_{321}^{2}\ \Phi_{107}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
24373	640	969	$\frac{1}{17}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{969}\ \Phi_{51}^{2}$
24374	640	321	$\frac{16}{321}$	$\frac{61}{321}$	$\frac{65}{321}$	$\frac{1}{3}$	$\Phi_{321}^{2}\ \Phi_{107}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
24375	640	105	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^{6}\ \Phi_{35}^{6}\ \Phi_{21}^{8}\ \Phi_{15}^{3}\ \Phi_{7}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
24376	640	1185	$\frac{4}{79}$	$\frac{15}{79}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1185}\ \Phi_{15}^2$
24377	640	510	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{510}^2\ \Phi_{255}\ \Phi_{170}^2\ \Phi_{85}^2$
24378	640	1185	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1185}\ \Phi_{15}^2$
24379	640	495	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{165}\ \Phi_{55}^2$
24380	640	117	$\frac{4}{39}$	$\frac{1}{9}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{117}^6\ \Phi_{39}^4\ \Phi_{13}^4\ \Phi_9^8\ \Phi_3^5\ \Phi_1^6$
24381	640	321	$\frac{11}{107}$	$\frac{12}{107}$	$\frac{19}{107}$	$\frac{1}{3}$	$\Phi_{321}^3\ \Phi_3^2$
24382	640	210	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{210}^4\ \Phi_{105}^2\ \Phi_{70}^4\ \Phi_{42}^2\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^4\ \Phi_7^2\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
24383	640	294	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{294}^3\ \Phi_{147}^2\ \Phi_{98}^3\ \Phi_{49}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24384	640	18	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{18}^{42}\ \Phi_9^{28}\ \Phi_6^{44}\ \Phi_3^{29}\ \Phi_2^{44}\ \Phi_1^{30}$
24385	640	1035	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{47}{207}$	$\frac{22}{69}$	$\Phi_{1035}\ \Phi_{115}\ \Phi_{45}$
24386	640	1155	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{71}{231}$	$\Phi_{1155}\ \Phi_{165}\ \Phi_{105}\ \Phi_{35}\ \Phi_{15}$
24387	640	115	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{115}^7\ \Phi_5^6$
24388	640	495	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{495}^2\ \Phi_{99}^2\ \Phi_{55}$
24389	640	35	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{35}^{18}\ \Phi_7^{20}\ \Phi_5^{17}\ \Phi_1^{20}$
24390	640	825	$\frac{1}{11}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{55}$
24391	640	27	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{27}^{32}\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
24392	640	258	$\frac{3}{43}$	$\frac{1}{6}$	$\frac{10}{43}$	$\frac{11}{43}$	$\Phi_{258}^3\ \Phi_{129}^3\ \Phi_{86}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
24393	640	65	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{3}{13}$	$\Phi_{65}^9\ \Phi_{13}^{12}\ \Phi_5^{12}\ \Phi_1^{16}$
24394	640	213	$\frac{17}{213}$	$\frac{41}{213}$	$\frac{43}{213}$	$\frac{49}{213}$	$\Phi_{213}^3\ \Phi_{71}^3\ \Phi_3^3\ \Phi_1^4$
24395	640	805	$\frac{13}{161}$	$\frac{31}{161}$	$\frac{1}{5}$	$\frac{37}{161}$	$\Phi_{805}\ \Phi_{115}\ \Phi_{35}$
24396	640	589	$\frac{3}{31}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{7}{31}$	$\Phi_{589}\ \Phi_{31}^2\ \Phi_{19}^2\ \Phi_1^4$
24397	640	930	$\frac{3}{31}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{7}{31}$	$\Phi_{930}\ \Phi_{465}\ \Phi_{310}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
24398	640	71	$\frac{7}{71}$	$\frac{11}{71}$	$\frac{15}{71}$	$\frac{16}{71}$	$\Phi_{71}^9\ \Phi_1^{10}$
24399	640	258	$\frac{13}{129}$	$\frac{1}{6}$	$\frac{25}{129}$	$\frac{29}{129}$	$\Phi_{258}^3\ \Phi_{129}^2\ \Phi_{86}^3\ \Phi_{43}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24400	640	639	$\frac{67}{639}$	$\frac{103}{639}$	$\frac{124}{639}$	$\frac{143}{639}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_9\ \Phi_3\ \Phi_1^2$
24401	640	805	$\frac{17}{161}$	$\frac{25}{161}$	$\frac{1}{5}$	$\frac{36}{161}$	$\Phi_{805}\ \Phi_{115}\ \Phi_{35}$
24402	640	855	$\frac{1}{9}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{45}^2\ \Phi_{15}^2$
24403	640	81	$\frac{1}{9}$	$\frac{13}{81}$	$\frac{16}{81}$	$\frac{17}{81}$	$\Phi_{81}^8\ \Phi_{27}^8\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
24404	640	639	$\frac{64}{639}$	$\frac{115}{639}$	$\frac{127}{639}$	$\frac{131}{639}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_9\ \Phi_3\ \Phi_1^2$
24405	640	805	$\frac{16}{161}$	$\frac{29}{161}$	$\frac{1}{5}$	$\frac{33}{161}$	$\Phi_{805}\ \Phi_{115}\ \Phi_{35}$
24406	640	55	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{55}^{13}\ \Phi_{11}^{12}$
24407	640	195	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{195}^3\ \Phi_{65}^3\ \Phi_{39}^4\ \Phi_{15}^3\ \Phi_{13}^4\ \Phi_5^6\ \Phi_3^4\ \Phi_1^8$
24408	640	90	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{90}^9\ \Phi_{45}^6\ \Phi_{30}^6\ \Phi_{18}^{12}\ \Phi_{15}^3\ \Phi_{10}^6\ \Phi_9^8\ \Phi_6^8\ \Phi_5^6\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
24409	641	1024	$\frac{1}{128}$	$\frac{129}{512}$	$\frac{383}{1024}$	$\frac{127}{256}$	$\Phi_{1024}\ \Phi_{256}\ \Phi_1$
24410	641	1260	$\frac{11}{630}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{619}{1260}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
24411	641	860	$\frac{4}{215}$	$\frac{1}{5}$	$\frac{219}{860}$	$\frac{211}{430}$	$\Phi_{860}\ \Phi_{215}\ \Phi_{172}\ \Phi_{43}\ \Phi_{20}\ \Phi_4\ \Phi_1$
24412	641	1248	$\frac{17}{624}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{607}{1248}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
24413	641	864	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{223}{864}$	$\frac{209}{432}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
24414	641	736	$\frac{3}{92}$	$\frac{95}{736}$	$\frac{1}{4}$	$\frac{89}{184}$	$\Phi_{736}\ \Phi_{368}\ \Phi_{92}\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_{16}\ \Phi_1$
24415	641	1232	$\frac{25}{616}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{591}{1232}$	$\Phi_{1232}\ \Phi_{176}\ \Phi_{112}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
24416	641	1200	$\frac{1}{20}$	$\frac{41}{600}$	$\frac{19}{60}$	$\frac{559}{1200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
24417	641	1200	$\frac{41}{600}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{559}{1200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{80}\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
24418	641	780	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{139}{780}$	$\frac{121}{260}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
24419	641	880	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{239}{880}$	$\frac{201}{440}$	$\Phi_{880}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
24420	641	720	$\frac{7}{72}$	$\frac{79}{720}$	$\frac{1}{8}$	$\frac{65}{144}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
24421	641	672	$\frac{31}{672}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
24422	641	1152	$\frac{1}{32}$	$\frac{65}{576}$	$\frac{31}{96}$	$\frac{511}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
24423	641	1152	$\frac{7}{72}$	$\frac{65}{576}$	$\frac{1}{8}$	$\frac{511}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
24424	641	896	$\frac{1}{32}$	$\frac{31}{224}$	$\frac{255}{896}$	$\frac{193}{448}$	$\Phi_{896}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
24425	641	1104	$\frac{3}{92}$	$\frac{89}{552}$	$\frac{1}{4}$	$\frac{463}{1104}$	$\Phi_{1104}\ \Phi_{368}\ \Phi_{92}\ \Phi_{48}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_1$
24426	641	700	$\frac{59}{700}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{140}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{14}\ \Phi_7\ \Phi_1$
24427	641	1040	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{121}{520}$	$\frac{399}{1040}$	$\Phi_{1040}\ \Phi_{208}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
24428	641	660	$\frac{19}{660}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_3\ \Phi_1$
24429	641	672	$\frac{31}{672}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
24430	641	720	$\frac{1}{20}$	$\frac{79}{720}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
24431	641	768	$\frac{1}{32}$	$\frac{127}{768}$	$\frac{31}{96}$	$\frac{65}{192}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
24432	641	960	$\frac{1}{80}$	$\frac{79}{240}$	$\frac{319}{960}$	$\frac{161}{480}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
24433	641	864	$\frac{1}{32}$	$\frac{65}{288}$	$\frac{223}{864}$	$\frac{31}{96}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
24434	641	828	$\frac{3}{92}$	$\frac{187}{828}$	$\frac{1}{4}$	$\frac{89}{276}$	$\Phi_{828}\ \Phi_{414}\ \Phi_{207}\ \Phi_{92}\ \Phi_{46}\ \Phi_{36}\ \Phi_{23}\ \Phi_{18}\ \Phi_9\ \Phi_1$
24435	641	945	$\frac{11}{315}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{304}{945}$	$\Phi_{945}\ \Phi_{189}\ \Phi_{135}\ \Phi_{27}\ \Phi_{15}\ \Phi_3\ \Phi_1$
24436	641	900	$\frac{1}{20}$	$\frac{41}{300}$	$\frac{259}{900}$	$\frac{19}{60}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{225}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
24437	641	936	$\frac{17}{312}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{295}{936}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{117}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
24438	641	924	$\frac{25}{308}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{283}{924}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{231}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
24439	641	900	$\frac{1}{10}$	$\frac{41}{300}$	$\frac{9}{50}$	$\frac{259}{900}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{225}\ \Phi_{180}\ \Phi_{90}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{18}\ \Phi_9\ \Phi_1$
24440	641	750	$\frac{1}{10}$	$\frac{109}{750}$	$\frac{9}{50}$	$\frac{41}{150}$	$\Phi_{750}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{50}\ \Phi_{25}\ \Phi_1$
24441	641	675	$\frac{34}{675}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
24442	641	840	$\frac{11}{210}$	$\frac{1}{5}$	$\frac{199}{840}$	$\frac{4}{15}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
24443	641	735	$\frac{11}{105}$	$\frac{94}{735}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}\ \Phi_{49}\ \Phi_{15}\ \Phi_3\ \Phi_1$
24444	641	720	$\frac{79}{720}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
24445	641	864	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{288}$	$\frac{223}{864}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
24446	641	800	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{159}{800}$	$\frac{41}{200}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{160}\ \Phi_{80}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
24447	642	1060	$\frac{1}{106}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{105}{212}$	$\Phi_{1060}\ \Phi_{212}^2\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
24448	642	636	$\frac{1}{106}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{105}{212}$	$\Phi_{636}\ \Phi_{318}^2\ \Phi_{159}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
24449	642	210	$\frac{2}{105}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{103}{210}$	$\Phi_{210}^6\ \Phi_{70}^6\ \Phi_{42}^6\ \Phi_{30}^6\ \Phi_{21}\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_6^6\ \Phi_2^6$
24450	642	420	$\frac{2}{105}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{103}{210}$	$\Phi_{420}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
24451	642	1104	$\frac{1}{46}$	$\frac{47}{368}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{138}\ \Phi_{69}\ \Phi_{48}\ \Phi_{24}\ \Phi_6$
24452	642	516	$\frac{1}{43}$	$\frac{22}{129}$	$\frac{1}{4}$	$\frac{21}{43}$	$\Phi_{516}^2\ \Phi_{258}^2\ \Phi_{172}\ \Phi_{86}\ \Phi_{12}^2\ \Phi_6^2$
24453	642	1008	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{37}{144}$	$\frac{35}{72}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{252}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
24454	642	1456	$\frac{3}{104}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{101}{208}$	$\Phi_{1456}\ \Phi_{112}\ \Phi_{28}\ \Phi_{14}$
24455	642	1848	$\frac{13}{308}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{295}{616}$	$\Phi_{1848}\ \Phi_{264}\ \Phi_{168}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_6$
24456	642	1428	$\frac{5}{102}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{97}{204}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
24457	642	336	$\frac{5}{112}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{84}^2\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
24458	642	1794	$\frac{1}{23}$	$\frac{22}{299}$	$\frac{1}{3}$	$\frac{277}{598}$	$\Phi_{1794}\ \Phi_{138}\ \Phi_{78}\ \Phi_{69}\ \Phi_6$
24459	642	1386	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{91}{198}$	$\Phi_{1386}\ \Phi_{462}\ \Phi_{154}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
24460	642	840	$\frac{1}{12}$	$\frac{13}{120}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
24461	642	1344	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{7}$	$\frac{85}{192}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
24462	642	552	$\frac{1}{46}$	$\frac{15}{92}$	$\frac{1}{3}$	$\frac{77}{184}$	$\Phi_{552}^3\ \Phi_{138}\ \Phi_{69}\ \Phi_{24}^3\ \Phi_6$
24463	642	1260	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{17}{90}$	$\frac{73}{180}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{140}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
24464	642	795	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{52}{159}$	$\frac{2}{5}$	$\Phi_{795}\ \Phi_{159}^2\ \Phi_{15}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
24465	642	220	$\frac{3}{110}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{220}^4\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{44}^4\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{11}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
24466	642	172	$\frac{1}{43}$	$\frac{21}{86}$	$\frac{1}{4}$	$\frac{65}{172}$	$\Phi_{172}^3\ \Phi_{86}^5\ \Phi_{43}^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
24467	642	112	$\frac{5}{112}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{112}^6\ \Phi_{56}^5\ \Phi_{28}^6\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
24468	642	1134	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{26}{81}$	$\frac{55}{162}$	$\Phi_{1134}\ \Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
24469	642	636	$\frac{1}{53}$	$\frac{1}{4}$	$\frac{52}{159}$	$\frac{1}{3}$	$\Phi_{636}\ \Phi_{318}\ \Phi_{212}^2\ \Phi_{106}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
24470	642	138	$\frac{1}{46}$	$\frac{31}{138}$	$\frac{15}{46}$	$\frac{1}{3}$	$\Phi_{138}^4\ \Phi_{69}^4\ \Phi_{46}^6\ \Phi_{23}^6\ \Phi_6^4\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
24471	642	462	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{47}{154}$	$\frac{1}{3}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{66}^2\ \Phi_{42}^3\ \Phi_{33}^2\ \Phi_{21}^3\ \Phi_6^3\ \Phi_3^2$
24472	642	336	$\frac{5}{112}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{84}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{12}^3\ \Phi_6^3$
24473	642	420	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{33}{140}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{30}^3\ \Phi_{21}\ \Phi_{12}^3\ \Phi_6^3$
24474	642	1050	$\frac{29}{350}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{210}\ \Phi_{150}\ \Phi_{75}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_6$
24475	642	126	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{126}$	$\frac{1}{3}$	$\Phi_{126}^6\ \Phi_{63}^6\ \Phi_{42}^6\ \Phi_{21}\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_9^6\ \Phi_6^6\ \Phi_2^6$
24476	642	840	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
24477	642	1260	$\frac{4}{105}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{101}{315}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}$
24478	642	1092	$\frac{3}{52}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{49}{156}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{273}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
24479	642	900	$\frac{11}{225}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{50}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}$
24480	642	1008	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{48}$	$\frac{37}{144}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
24481	642	140	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{33}{140}$	$\frac{1}{4}$	$\Phi_{140}^4\ \Phi_{70}^4\ \Phi_{35}^6\ \Phi_{28}^4\ \Phi_{20}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_7^6\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
24482	642	120	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{120}^6\ \Phi_{60}^4\ \Phi_{40}^6\ \Phi_{30}^4\ \Phi_{24}^6\ \Phi_{20}^5\ \Phi_{15}^6\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_8^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
24483	642	980	$\frac{4}{35}$	$\frac{31}{245}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{196}\ \Phi_{98}\ \Phi_{20}\ \Phi_{10}$
24484	643	1272	$\frac{7}{636}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{629}{1272}$	$\Phi_{1272}\ \Phi_{424}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
24485	643	774	$\frac{2}{129}$	$\frac{131}{774}$	$\frac{1}{3}$	$\frac{127}{258}$	$\Phi_{774}\ \Phi_{387}\ \Phi_{129}\ \Phi_{43}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
24486	643	1260	$\frac{13}{630}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{617}{1260}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
24487	643	1260	$\frac{13}{630}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{617}{1260}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
24488	643	864	$\frac{5}{216}$	$\frac{1}{6}$	$\frac{221}{864}$	$\frac{211}{432}$	$\Phi_{864}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
24489	643	1248	$\frac{19}{624}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{605}{1248}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
24490	643	1224	$\frac{31}{612}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{581}{1224}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{136}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
24491	643	720	$\frac{5}{72}$	$\frac{77}{720}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
24492	643	1188	$\frac{49}{594}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{545}{1188}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{132}\ \Phi_{108}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
24493	643	1152	$\frac{5}{72}$	$\frac{67}{576}$	$\frac{1}{6}$	$\frac{509}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
24494	643	660	$\frac{17}{660}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
24495	643	1080	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{103}{540}$	$\frac{437}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
24496	643	672	$\frac{29}{672}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
24497	643	1032	$\frac{2}{129}$	$\frac{127}{516}$	$\frac{1}{3}$	$\frac{389}{1032}$	$\Phi_{1032}\ \Phi_{344}\ \Phi_{129}\ \Phi_{43}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
24498	643	972	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{157}{486}$	$\frac{329}{972}$	$\Phi_{972}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
24499	643	945	$\frac{13}{315}$	$\frac{2}{15}$	$\frac{302}{945}$	$\frac{1}{3}$	$\Phi_{945}\ \Phi_{189}\ \Phi_{135}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
24500	643	675	$\frac{32}{675}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
24501	643	840	$\frac{13}{210}$	$\frac{2}{15}$	$\frac{197}{840}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
24502	643	720	$\frac{77}{720}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
24503	643	735	$\frac{13}{105}$	$\frac{92}{735}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}\ \Phi_{49}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
24504	643	936	$\frac{19}{312}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{293}{936}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{117}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
24505	643	756	$\frac{13}{126}$	$\frac{113}{756}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{54}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
24506	643	720	$\frac{77}{720}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
24507	643	864	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{288}$	$\frac{221}{864}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
24508	644	960	$\frac{1}{160}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{159}{320}$	$\Phi_{960}\ \Phi_{320}^2\ \Phi_{192}\ \Phi_{64}^2\ \Phi_{3}\ \Phi_{1}^2$
24509	644	1092	$\frac{1}{91}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{45}{91}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{52}\ \Phi_{28}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
24510	644	819	$\frac{1}{91}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{45}{91}$	$\Phi_{819}\ \Phi_{117}\ \Phi_{91}\ \Phi_{63}\ \Phi_{13}\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
24511	644	1590	$\frac{2}{159}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{157}{318}$	$\Phi_{1590}\ \Phi_{530}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
24512	644	1080	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{55}{216}$	$\frac{53}{108}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{270}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
24513	644	585	$\frac{1}{45}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{22}{45}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
24514	644	360	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
24515	644	643	$\frac{15}{643}$	$\frac{47}{643}$	$\frac{298}{643}$	$\frac{314}{643}$	$\Phi_{643}\ \Phi_{1}^2$
24516	644	1560	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{151}{312}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{120}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
24517	644	248	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{248}^3\ \Phi_{124}^3\ \Phi_{62}^3\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{2}^2$
24518	644	1188	$\frac{1}{27}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{13}{27}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{132}\ \Phi_{108}\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
24519	644	297	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{13}{27}$	$\Phi_{297}^2\ \Phi_{99}^2\ \Phi_{33}^3\ \Phi_{27}^3\ \Phi_{11}^2\ \Phi_{9}^3\ \Phi_{3}^4\ \Phi_{1}^4$
24520	644	643	$\frac{25}{643}$	$\frac{68}{643}$	$\frac{167}{643}$	$\frac{309}{643}$	$\Phi_{643}\ \Phi_{1}^2$
24521	644	969	$\frac{13}{323}$	$\frac{24}{323}$	$\frac{1}{3}$	$\frac{155}{323}$	$\Phi_{969}\ \Phi_{57}\ \Phi_{51}$
24522	644	660	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{660}^2\ \Phi_{220}^2\ \Phi_{132}\ \Phi_{60}^2\ \Phi_{44}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
24523	644	396	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{21}{44}$	$\Phi_{396}^3\ \Phi_{132}^3\ \Phi_{44}^4\ \Phi_{36}^3\ \Phi_{12}^3\ \Phi_{9}^3\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{1}^4$
24524	644	440	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{440}^2\ \Phi_{220}\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{40}^3\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_{5}^2$
24525	644	306	$\frac{8}{153}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{145}{306}$	$\Phi_{306}^4\ \Phi_{102}^4\ \Phi_{51}\ \Phi_{34}^4\ \Phi_{18}^4\ \Phi_{6}^4\ \Phi_{2}^4$
24526	644	1530	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{145}{306}$	$\Phi_{1530}\ \Phi_{510}\ \Phi_{170}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
24527	644	171	$\frac{1}{19}$	$\frac{10}{171}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{171}^4\ \Phi_{57}^3\ \Phi_{19}^4\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^4$
24528	644	180	$\frac{1}{18}$	$\frac{19}{180}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{180}^3\ \Phi_{90}^4\ \Phi_{60}^3\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^3\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
24529	644	510	$\frac{9}{170}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{510}^2\ \Phi_{255}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
24530	644	912	$\frac{1}{19}$	$\frac{9}{152}$	$\frac{1}{3}$	$\frac{143}{304}$	$\Phi_{912}^2\ \Phi_{57}\ \Phi_{48}^2$
24531	644	312	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{24}^4\ \Phi_{13}^2\ \Phi_{12}^4\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
24532	644	390	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{7}{30}$	$\frac{6}{13}$	$\Phi_{390}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{39}\ \Phi_{30}^4\ \Phi_{26}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
24533	644	325	$\frac{1}{13}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{325}^2\ \Phi_{65}\ \Phi_{25}^4\ \Phi_{13}^2\ \Phi_{5}^2\ \Phi_{1}^4$
24534	644	351	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{6}{13}$	$\Phi_{351}^2\ \Phi_{117}\ \Phi_{39}\ \Phi_{27}^4\ \Phi_{13}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
24535	644	1218	$\frac{1}{29}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1218}\ \Phi_{406}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
24536	644	696	$\frac{1}{24}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}$
24537	644	1440	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{1}{5}$	$\frac{127}{288}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{160}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
24538	644	928	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{928}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}$
24539	644	643	$\frac{20}{643}$	$\frac{89}{643}$	$\frac{183}{643}$	$\frac{277}{643}$	$\Phi_{643}\ \Phi_{1}^2$
24540	644	969	$\frac{8}{323}$	$\frac{45}{323}$	$\frac{1}{3}$	$\frac{139}{323}$	$\Phi_{969}\ \Phi_{57}\ \Phi_{51}$
24541	644	1160	$\frac{1}{29}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1160}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}$
24542	644	564	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{564}^2\ \Phi_{188}^2\ \Phi_{141}$
24543	644	1092	$\frac{3}{91}$	$\frac{1}{6}$	$\frac{22}{91}$	$\frac{5}{12}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{52}\ \Phi_{28}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
24544	644	120	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{120}^7\ \Phi_{60}^6\ \Phi_{40}^7\ \Phi_{30}^7\ \Phi_{20}^6\ \Phi_{15}^7\ \Phi_{10}^7\ \Phi_{5}^6$
24545	644	588	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{588}^2\ \Phi_{196}^2\ \Phi_{84}\ \Phi_{49}^2\ \Phi_{28}\ \Phi_{12}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
24546	644	156	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{156}^7\ \Phi_{52}^7\ \Phi_{26}^4\ \Phi_{13}^3\ \Phi_{12}^8\ \Phi_{4}^8\ \Phi_{2}^4\ \Phi_{1}^4$
24547	644	270	$\frac{1}{27}$	$\frac{26}{135}$	$\frac{1}{5}$	$\frac{109}{270}$	$\Phi_{270}^4\ \Phi_{135}\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{2}^4$
24548	644	470	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{470}^2\ \Phi_{235}\ \Phi_{94}^2$
24549	644	1044	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1044}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}$
24550	644	240	$\frac{1}{80}$	$\frac{79}{240}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^2\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
24551	644	492	$\frac{3}{164}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{492}\ \Phi_{246}\ \Phi_{164}^2\ \Phi_{123}\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{3}\ \Phi_{1}^2$
24552	644	423	$\frac{1}{47}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{423}^2\ \Phi_{141}$
24553	644	165	$\frac{4}{165}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}^4\ \Phi_{55}^4\ \Phi_{33}^4\ \Phi_{15}^3\ \Phi_{11}^4\ \Phi_{5}^2\ \Phi_{3}^4\ \Phi_{1}^4$
24554	644	600	$\frac{1}{40}$	$\frac{39}{200}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}^2\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{3}\ \Phi_{1}^2$
24555	644	192	$\frac{1}{32}$	$\frac{31}{192}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{192}^4\ \Phi_{96}^3\ \Phi_{64}^4\ \Phi_{48}^3\ \Phi_{32}^2\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
24556	644	240	$\frac{3}{80}$	$\frac{11}{80}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^4\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^4\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^2\ \Phi_5^4\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
24557	644	24	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{24}^{27}\ \Phi_{12}^{27}\ \Phi_8^{26}\ \Phi_6^{27}\ \Phi_4^{26}\ \Phi_3^{28}\ \Phi_2^{26}\ \Phi_1^{28}$
24558	644	180	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^3\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^4\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
24559	644	510	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{170}^2\ \Phi_{102}\ \Phi_{85}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_3\ \Phi_1^2$
24560	644	528	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
24561	644	1080	$\frac{2}{45}$	$\frac{1}{8}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
24562	644	51	$\frac{1}{17}$	$\frac{5}{51}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{51}^{13}\ \Phi_{17}^{12}\ \Phi_3^{12}\ \Phi_1^{12}$
24563	644	165	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{165}^4\ \Phi_{55}^4\ \Phi_{33}^3\ \Phi_{15}^6\ \Phi_{11}^2\ \Phi_5^6\ \Phi_3^4\ \Phi_1^4$
24564	644	459	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{137}{459}$	$\frac{1}{3}$	$\Phi_{459}^2\ \Phi_{51}\ \Phi_{27}^2$
24565	644	228	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{67}{228}$	$\frac{1}{3}$	$\Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^4\ \Phi_{57}^3\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
24566	644	819	$\frac{3}{91}$	$\frac{2}{9}$	$\frac{22}{91}$	$\frac{1}{3}$	$\Phi_{819}\ \Phi_{117}\ \Phi_{91}\ \Phi_{63}\ \Phi_{13}\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
24567	644	570	$\frac{1}{19}$	$\frac{29}{190}$	$\frac{9}{38}$	$\frac{1}{3}$	$\Phi_{570}^2\ \Phi_{285}^2\ \Phi_{57}\ \Phi_{30}^2\ \Phi_{15}^2$
24568	644	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{40}^6\ \Phi_{30}^2\ \Phi_{24}^7\ \Phi_{20}^6\ \Phi_{15}^4\ \Phi_{12}^7\ \Phi_{10}^2\ \Phi_8^6\ \Phi_6^3\ \Phi_5^4\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
24569	644	360	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}\ \Phi_{90}^3\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
24570	644	441	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{441}^2\ \Phi_{63}\ \Phi_{49}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
24571	644	792	$\frac{7}{99}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
24572	644	234	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{234}^4\ \Phi_{117}^3\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}^3\ \Phi_9^4\ \Phi_2^4\ \Phi_1^4$
24573	644	204	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{43}{204}$	$\frac{1}{3}$	$\Phi_{204}^4\ \Phi_{102}^4\ \Phi_{68}^4\ \Phi_{51}\ \Phi_{34}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
24574	644	600	$\frac{2}{25}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{150}^2\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
24575	644	51	$\frac{5}{51}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{51}^{12}\ \Phi_{17}^{14}\ \Phi_3^{11}\ \Phi_1^{14}$
24576	644	216	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{216}^4\ \Phi_{108}^4\ \Phi_{72}^2\ \Phi_{54}^4\ \Phi_{36}^2\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
24577	644	840	$\frac{13}{105}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
24578	644	1170	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{73}{234}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
24579	644	99	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{10}{33}$	$\Phi_{99}^6\ \Phi_{33}^7\ \Phi_{11}^6\ \Phi_9^9\ \Phi_3^{10}\ \Phi_1^{10}$
24580	644	1320	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
24581	644	248	$\frac{3}{31}$	$\frac{1}{8}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{248}^3\ \Phi_{124}^3\ \Phi_{62}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
24582	644	1080	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{17}{72}$	$\frac{55}{216}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
24583	645	256	$\frac{1}{128}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{127}{256}$	$\Phi_{256}^5\ \Phi_8\ \Phi_1$
24584	645	852	$\frac{2}{213}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{211}{426}$	$\Phi_{852}\ \Phi_{284}\ \Phi_{213}\ \Phi_{71}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
24585	645	368	$\frac{1}{92}$	$\frac{31}{184}$	$\frac{153}{368}$	$\frac{91}{184}$	$\Phi_{368}^3\ \Phi_{184}\ \Phi_{16}^3\ \Phi_8\ \Phi_1$
24586	645	288	$\frac{1}{72}$	$\frac{1}{4}$	$\frac{73}{288}$	$\frac{71}{144}$	$\Phi_{288}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
24587	645	424	$\frac{3}{212}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{209}{424}$	$\Phi_{424}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
24588	645	84	$\frac{1}{42}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{41}{84}$	$\Phi_{84}\ \Phi_{42}^{14}\ \Phi_{28}^2\ \Phi_{21}^{14}\ \Phi_{14}^{14}\ \Phi_{12}\ \Phi_7^{14}\ \Phi_6^{14}\ \Phi_4^2\ \Phi_3^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
24589	645	84	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{41}{84}$	$\Phi_{84}^{15}\ \Phi_{28}^{15}\ \Phi_{12}^{15}\ \Phi_7^2\ \Phi_4^{15}\ \Phi_1^3$
24590	645	84	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{41}{84}$	$\Phi_{84}^5\ \Phi_{42}^{10}\ \Phi_{28}^5\ \Phi_{21}^{10}\ \Phi_{14}^{10}\ \Phi_{12}^7\ \Phi_7^{10}\ \Phi_6^{11}\ \Phi_4^6\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
24591	645	868	$\frac{6}{217}$	$\frac{1}{7}$	$\frac{223}{868}$	$\frac{211}{434}$	$\Phi_{868}\ \Phi_{217}\ \Phi_{124}\ \Phi_{31}\ \Phi_{28}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
24592	645	750	$\frac{4}{125}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{121}{250}$	$\Phi_{750}\ \Phi_{375}\ \Phi_{150}\ \Phi_{125}\ \Phi_{75}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
24593	645	416	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{201}{416}$	$\Phi_{416}^3\ \Phi_{32}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
24594	645	1232	$\frac{1}{28}$	$\frac{29}{616}$	$\frac{587}{1232}$	$\frac{27}{56}$	$\Phi_{1232}\ \Phi_{176}\ \Phi_{112}\ \Phi_{56}\ \Phi_{16}\ \Phi_8\ \Phi_1$
24595	645	156	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{9}{52}$	$\frac{25}{52}$	$\Phi_{156}^4\ \Phi_{78}^6\ \Phi_{52}^2\ \Phi_{39}^6\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_{12}^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
24596	645	828	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{199}{414}$	$\Phi_{828}\ \Phi_{276}\ \Phi_{207}\ \Phi_{92}\ \Phi_{69}\ \Phi_{36}^2\ \Phi_{23}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
24597	645	48	$\frac{1}{24}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{48}^{12}\ \Phi_{24}^{15}\ \Phi_{16}^{12}\ \Phi_{12}^{15}\ \Phi_8^{15}\ \Phi_6^{15}\ \Phi_4^{14}\ \Phi_3^{15}\ \Phi_2^{14}\ \Phi_1^{15}$
24598	645	408	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{193}{408}$	$\Phi_{408}^3\ \Phi_{136}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
24599	645	1260	$\frac{2}{45}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
24600	645	252	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{20}{63}$	$\frac{13}{28}$	$\Phi_{252}^7\ \Phi_{63}\ \Phi_{36}^7\ \Phi_{28}\ \Phi_9\ \Phi_4\ \Phi_1$
24601	645	56	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{13}{28}$	$\Phi_{56}^{15}\ \Phi_{28}^2\ \Phi_{14}^{14}\ \Phi_8^{15}\ \Phi_7^{14}\ \Phi_4^2\ \Phi_2^{14}\ \Phi_1^{15}$
24602	645	336	$\frac{1}{14}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{48}^3\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
24603	645	196	$\frac{1}{14}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{196}^7\ \Phi_{49}\ \Phi_{28}\ \Phi_4\ \Phi_1$
24604	645	80	$\frac{1}{16}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{80}^7\ \Phi_{40}^8\ \Phi_{20}^8\ \Phi_{16}^{10}\ \Phi_{10}^8\ \Phi_8^{11}\ \Phi_5^8\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
24605	645	240	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{37}{80}$	$\Phi_{240}^6\ \Phi_{80}^3\ \Phi_{48}^6\ \Phi_{30}^2\ \Phi_{16}^3\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
24606	645	396	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{1}{4}$	$\frac{181}{396}$	$\Phi_{396}\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{36}^3\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
24607	645	392	$\frac{1}{28}$	$\frac{19}{196}$	$\frac{9}{28}$	$\frac{177}{392}$	$\Phi_{392}^3\ \Phi_{56}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
24608	645	420	$\frac{11}{140}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
24609	645	78	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{6}$	$\frac{35}{78}$	$\Phi_{78}^7\ \Phi_{39}^{10}\ \Phi_{26}^7\ \Phi_{13}^9\ \Phi_6^6\ \Phi_3^9\ \Phi_2^6\ \Phi_1^9$
24610	645	384	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{1}{4}$	$\frac{169}{384}$	$\Phi_{384}^3\ \Phi_{128}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
24611	645	896	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{251}{896}$	$\frac{197}{448}$	$\Phi_{896}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
24612	645	224	$\frac{9}{224}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{224}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
24613	645	756	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{1}{4}$	$\frac{163}{378}$	$\Phi_{756}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}^2\ \Phi_{84}\ \Phi_{63}\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
24614	645	133	$\frac{4}{133}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{133}^5\ \Phi_{19}^5\ \Phi_7^2\ \Phi_1^3$
24615	645	49	$\frac{4}{49}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{49}^{13}\ \Phi_7^{14}\ \Phi_1^{15}$
24616	645	224	$\frac{1}{28}$	$\frac{17}{112}$	$\frac{27}{112}$	$\frac{95}{224}$	$\Phi_{224}^5\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}^5\ \Phi_{16}\ \Phi_8\ \Phi_1$
24617	645	368	$\frac{1}{46}$	$\frac{31}{184}$	$\frac{15}{46}$	$\frac{153}{368}$	$\Phi_{368}^3\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{16}^3\ \Phi_2^2\ \Phi_1^3$
24618	645	161	$\frac{6}{161}$	$\frac{31}{161}$	$\frac{32}{161}$	$\frac{65}{161}$	$\Phi_{161}^4\ \Phi_{23}^4\ \Phi_7^4\ \Phi_1^5$
24619	645	72	$\frac{1}{36}$	$\frac{7}{36}$	$\frac{1}{4}$	$\frac{29}{72}$	$\Phi_{72}^{15}\ \Phi_{36}^3\ \Phi_{24}^{15}\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^{15}\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
24620	645	184	$\frac{1}{46}$	$\frac{9}{46}$	$\frac{55}{184}$	$\frac{37}{92}$	$\Phi_{184}^5\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_8^5\ \Phi_2^4\ \Phi_1^5$
24621	645	624	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{25}{104}$	$\frac{79}{208}$	$\Phi_{624}^2\ \Phi_{208}\ \Phi_{78}^2\ \Phi_{48}^2\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_6\ \Phi_3\ \Phi_1$
24622	645	64	$\frac{1}{64}$	$\frac{1}{4}$	$\frac{21}{64}$	$\frac{3}{8}$	$\Phi_{64}^{10}\ \Phi_{32}^{10}\ \Phi_{16}^{10}\ \Phi_8^{11}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
24623	645	656	$\frac{11}{656}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{656}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}\ \Phi_{41}\ \Phi_8\ \Phi_1$
24624	645	88	$\frac{1}{44}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{88}^{12}\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
24625	645	160	$\frac{1}{32}$	$\frac{31}{160}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{160}^5\ \Phi_{80}^5\ \Phi_{40}^5\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_8\ \Phi_5^5\ \Phi_1$
24626	645	256	$\frac{5}{128}$	$\frac{41}{256}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{256}^3\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
24627	645	224	$\frac{9}{224}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{224}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{32}^2\ \Phi_{28}^3\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
24628	645	136	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{136}^{5}\,\Phi_{68}^{5}\,\Phi_{34}^{5}\,\Phi_{17}^{5}\,\Phi_{8}\,\Phi_{1}$
24629	645	48	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{48}^{15}\,\Phi_{24}^{15}\,\Phi_{16}^{10}\,\Phi_{12}^{15}\,\Phi_{8}^{11}\,\Phi_{6}^{15}\,\Phi_{4}^{10}\,\Phi_{3}^{15}\,\Phi_{2}^{10}\,\Phi_{1}^{11}$
24630	645	704	$\frac{5}{64}$	$\frac{59}{704}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{704}\,\Phi_{352}\,\Phi_{176}\,\Phi_{88}\,\Phi_{44}\,\Phi_{22}\,\Phi_{11}\,\Phi_{8}\,\Phi_{1}$
24631	645	336	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{47}{168}$	$\frac{121}{336}$	$\Phi_{336}^{3}\,\Phi_{112}^{3}\,\Phi_{56}^{3}\,\Phi_{48}^{3}\,\Phi_{28}^{2}\,\Phi_{16}^{3}\,\Phi_{14}^{2}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
24632	645	224	$\frac{9}{224}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{224}^{3}\,\Phi_{112}^{3}\,\Phi_{56}^{3}\,\Phi_{32}^{3}\,\Phi_{28}^{3}\,\Phi_{16}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
24633	645	528	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{528}\,\Phi_{264}\,\Phi_{176}^{2}\,\Phi_{132}\,\Phi_{88}^{2}\,\Phi_{48}\,\Phi_{44}^{2}\,\Phi_{33}\,\Phi_{24}\,\Phi_{22}\,\Phi_{16}\,\Phi_{12}\,\Phi_{11}\,\Phi_{8}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
24634	645	276	$\frac{1}{46}$	$\frac{61}{276}$	$\frac{15}{46}$	$\frac{31}{92}$	$\Phi_{276}^{3}\,\Phi_{138}^{3}\,\Phi_{69}^{3}\,\Phi_{46}^{2}\,\Phi_{23}^{2}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
24635	645	324	$\frac{1}{54}$	$\frac{1}{4}$	$\frac{53}{162}$	$\frac{109}{324}$	$\Phi_{324}\,\Phi_{162}^{2}\,\Phi_{108}^{3}\,\Phi_{81}^{2}\,\Phi_{54}^{3}\,\Phi_{36}^{3}\,\Phi_{27}^{3}\,\Phi_{18}^{3}\,\Phi_{12}^{3}\,\Phi_{9}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
24636	645	315	$\frac{2}{45}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{315}^{2}\,\Phi_{105}^{2}\,\Phi_{63}^{2}\,\Phi_{45}^{3}\,\Phi_{35}^{2}\,\Phi_{15}^{3}\,\Phi_{9}^{3}\,\Phi_{7}^{2}\,\Phi_{5}^{3}\,\Phi_{1}^{3}$
24637	645	180	$\frac{2}{45}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^{5}\,\Phi_{90}^{2}\,\Phi_{60}^{5}\,\Phi_{45}^{3}\,\Phi_{36}^{5}\,\Phi_{30}^{2}\,\Phi_{20}^{5}\,\Phi_{18}^{2}\,\Phi_{15}^{3}\,\Phi_{12}^{2}\,\Phi_{10}^{2}\,\Phi_{9}^{3}\,\Phi_{6}\,\Phi_{5}^{3}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
24638	645	63	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{20}{63}$	$\Phi_{63}^{15}\,\Phi_{9}^{15}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
24639	645	252	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{20}{63}$	$\Phi_{252}^{5}\,\Phi_{126}^{2}\,\Phi_{63}^{3}\,\Phi_{36}^{5}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{3}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
24640	645	312	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{97}{312}$	$\Phi_{312}^{3}\,\Phi_{156}^{3}\,\Phi_{78}^{3}\,\Phi_{39}^{3}\,\Phi_{24}^{3}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
24641	645	156	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{9}{52}$	$\frac{4}{13}$	$\Phi_{156}^{6}\,\Phi_{78}^{4}\,\Phi_{52}^{3}\,\Phi_{39}^{4}\,\Phi_{26}\,\Phi_{13}^{3}\,\Phi_{12}^{6}\,\Phi_{6}^{3}\,\Phi_{4}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
24642	645	150	$\frac{1}{10}$	$\frac{7}{50}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{150}^{6}\,\Phi_{75}^{6}\,\Phi_{50}^{3}\,\Phi_{30}^{2}\,\Phi_{25}^{3}\,\Phi_{15}^{2}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
24643	645	231	$\frac{16}{231}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{231}^{3}\,\Phi_{77}^{3}\,\Phi_{33}^{3}\,\Phi_{11}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
24644	645	56	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{56}$	$\frac{2}{7}$	$\Phi_{56}^{15}\,\Phi_{28}^{15}\,\Phi_{8}^{15}\,\Phi_{7}^{2}\,\Phi_{4}^{15}\,\Phi_{1}^{3}$
24645	645	140	$\frac{11}{140}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{140}^{5}\,\Phi_{70}^{5}\,\Phi_{35}^{5}\,\Phi_{28}^{5}\,\Phi_{20}^{5}\,\Phi_{10}^{5}\,\Phi_{7}^{2}\,\Phi_{5}^{5}\,\Phi_{4}^{5}\,\Phi_{1}^{3}$
24646	645	336	$\frac{5}{48}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{336}^{2}\,\Phi_{168}^{2}\,\Phi_{112}^{2}\,\Phi_{84}^{2}\,\Phi_{56}^{2}\,\Phi_{48}^{3}\,\Phi_{28}^{2}\,\Phi_{24}^{3}\,\Phi_{16}^{3}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
24647	645	252	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{37}{252}$	$\frac{2}{7}$	$\Phi_{252}^{3}\,\Phi_{126}^{3}\,\Phi_{84}^{3}\,\Phi_{63}^{3}\,\Phi_{36}^{3}\,\Phi_{28}^{3}\,\Phi_{18}^{3}\,\Phi_{12}^{3}\,\Phi_{9}^{3}\,\Phi_{7}^{2}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
24648	645	49	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{49}^{15}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
24649	645	240	$\frac{1}{16}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{240}^{4}\,\Phi_{120}^{4}\,\Phi_{60}^{3}\,\Phi_{48}^{4}\,\Phi_{30}^{3}\,\Phi_{24}^{4}\,\Phi_{16}^{3}\,\Phi_{15}^{3}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
24650	645	60	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{17}{60}$	$\Phi_{60}^{9}\,\Phi_{30}^{11}\,\Phi_{20}^{12}\,\Phi_{15}^{11}\,\Phi_{12}^{9}\,\Phi_{10}^{13}\,\Phi_{6}^{10}\,\Phi_{5}^{13}\,\Phi_{4}^{12}\,\Phi_{3}^{10}\,\Phi_{2}^{12}\,\Phi_{1}^{13}$
24651	645	46	$\frac{3}{46}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{46}^{14}\,\Phi_{23}^{14}\,\Phi_{2}^{14}\,\Phi_{1}^{15}$
24652	645	288	$\frac{1}{24}$	$\frac{23}{96}$	$\frac{1}{4}$	$\frac{73}{288}$	$\Phi_{288}^{3}\,\Phi_{144}^{3}\,\Phi_{72}^{3}\,\Phi_{36}^{3}\,\Phi_{24}^{3}\,\Phi_{18}^{3}\,\Phi_{12}^{3}\,\Phi_{9}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
24653	645	168	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{56}$	$\frac{1}{4}$	$\Phi_{168}^{6}\,\Phi_{84}^{2}\,\Phi_{56}^{3}\,\Phi_{42}^{4}\,\Phi_{28}\,\Phi_{24}^{6}\,\Phi_{21}^{4}\,\Phi_{14}^{2}\,\Phi_{12}^{4}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{6}^{5}\,\Phi_{4}^{2}\,\Phi_{3}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
24654	645	108	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{11}{54}$	$\frac{1}{4}$	$\Phi_{108}^{8}\,\Phi_{54}^{3}\,\Phi_{36}^{8}\,\Phi_{27}^{5}\,\Phi_{18}^{3}\,\Phi_{12}^{8}\,\Phi_{9}^{5}\,\Phi_{6}^{3}\,\Phi_{4}^{7}\,\Phi_{3}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{5}$
24655	645	48	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{48}^{15}\,\Phi_{24}^{15}\,\Phi_{16}^{15}\,\Phi_{12}^{7}\,\Phi_{8}^{15}\,\Phi_{6}^{11}\,\Phi_{4}^{6}\,\Phi_{3}^{11}\,\Phi_{2}^{10}\,\Phi_{1}^{11}$
24656	645	252	$\frac{5}{42}$	$\frac{37}{252}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{252}^{3}\,\Phi_{126}^{3}\,\Phi_{84}\,\Phi_{63}^{3}\,\Phi_{42}^{2}\,\Phi_{36}^{3}\,\Phi_{28}\,\Phi_{21}^{2}\,\Phi_{18}^{3}\,\Phi_{14}^{2}\,\Phi_{12}^{3}\,\Phi_{9}^{3}\,\Phi_{7}^{2}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
24657	645	588	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{588}^{2}\,\Phi_{294}\,\Phi_{196}\,\Phi_{147}\,\Phi_{49}\,\Phi_{12}^{2}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
24658	645	480	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{31}{160}$	$\frac{9}{40}$	$\Phi_{480}^{2}\,\Phi_{240}^{2}\,\Phi_{160}\,\Phi_{96}^{2}\,\Phi_{80}\,\Phi_{48}^{2}\,\Phi_{32}\,\Phi_{30}^{2}\,\Phi_{16}\,\Phi_{15}^{2}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
24659	645	150	$\frac{7}{50}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{150}^{5}\,\Phi_{75}^{5}\,\Phi_{50}^{2}\,\Phi_{30}^{6}\,\Phi_{25}^{3}\,\Phi_{15}^{6}\,\Phi_{10}^{3}\,\Phi_{6}^{5}\,\Phi_{5}^{3}\,\Phi_{3}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
24660	646	642	$\frac{2}{321}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{319}{642}$	$\Phi_{642}^{2}\,\Phi_{214}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
24661	646	516	$\frac{1}{129}$	$\frac{65}{258}$	$\frac{193}{516}$	$\frac{64}{129}$	$\Phi_{516}^{2}\,\Phi_{172}^{2}\,\Phi_{129}\,\Phi_{43}\,\Phi_{12}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
24662	646	432	$\frac{1}{108}$	$\frac{109}{432}$	$\frac{1}{3}$	$\frac{107}{216}$	$\Phi_{432}^{2}\,\Phi_{144}^{2}\,\Phi_{108}^{2}\,\Phi_{54}^{2}\,\Phi_{48}^{2}\,\Phi_{36}^{2}\,\Phi_{27}^{2}\,\Phi_{18}^{2}\,\Phi_{16}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
24663	646	640	$\frac{3}{320}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{317}{640}$	$\Phi_{640}^2\ \Phi_{128}^2\ \Phi_5\ \Phi_1^2$
24664	646	1920	$\frac{3}{320}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{317}{640}$	$\Phi_{1920}\ \Phi_{384}\ \Phi_{12}\ \Phi_6$
24665	646	639	$\frac{7}{639}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{316}{639}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
24666	646	636	$\frac{5}{318}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{313}{636}$	$\Phi_{636}^2\ \Phi_{212}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24667	646	602	$\frac{1}{43}$	$\frac{22}{301}$	$\frac{279}{602}$	$\frac{21}{43}$	$\Phi_{602}^2\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{14}^2\ \Phi_2^2\ \Phi_1^2$
24668	646	630	$\frac{8}{315}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{307}{630}$	$\Phi_{630}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24669	646	630	$\frac{8}{315}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{307}{630}$	$\Phi_{630}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24670	646	1184	$\frac{1}{37}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{18}{37}$	$\Phi_{1184}\ \Phi_{37}\ \Phi_{32}^2\ \Phi_1^2$
24671	646	888	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{18}{37}$	$\Phi_{888}\ \Phi_{444}\ \Phi_{222}\ \Phi_{111}\ \Phi_{37}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
24672	646	740	$\frac{1}{37}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{18}{37}$	$\Phi_{740}\ \Phi_{370}\ \Phi_{185}\ \Phi_{37}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
24673	646	360	$\frac{1}{36}$	$\frac{37}{360}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24674	646	396	$\frac{1}{33}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{16}{33}$	$\Phi_{396}^3\ \Phi_{132}^3\ \Phi_{44}^3\ \Phi_{36}^4\ \Phi_{33}\ \Phi_{12}^4\ \Phi_{11}\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
24675	646	231	$\frac{1}{33}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{231}^3\ \Phi_{77}^3\ \Phi_{33}\ \Phi_{21}^4\ \Phi_{11}\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
24676	646	297	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{16}{33}$	$\Phi_{297}^3\ \Phi_{33}\ \Phi_{27}^4\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
24677	646	264	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{16}{33}$	$\Phi_{264}^3\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{33}\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_{11}\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
24678	646	390	$\frac{2}{65}$	$\frac{67}{390}$	$\frac{1}{5}$	$\frac{63}{130}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
24679	646	625	$\frac{21}{625}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{302}{625}$	$\Phi_{625}\ \Phi_{125}\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
24680	646	624	$\frac{11}{312}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{301}{624}$	$\Phi_{624}^2\ \Phi_{208}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24681	646	621	$\frac{25}{621}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{298}{621}$	$\Phi_{621}\ \Phi_{207}\ \Phi_{69}\ \Phi_{27}^2\ \Phi_{23}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
24682	646	36	$\frac{1}{18}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{36}^{34}\ \Phi_{18}^2\ \Phi_{12}^{34}\ \Phi_9^2\ \Phi_6^2\ \Phi_4^{34}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24683	646	396	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{36}$	$\Phi_{396}^3\ \Phi_{132}^3\ \Phi_{44}^3\ \Phi_{36}^4\ \Phi_{22}^2\ \Phi_{12}^4\ \Phi_{11}\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
24684	646	480	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{480}^4\ \Phi_{96}^3\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
24685	646	420	$\frac{1}{15}$	$\frac{8}{105}$	$\frac{97}{420}$	$\frac{7}{15}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24686	646	360	$\frac{1}{15}$	$\frac{37}{360}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24687	646	600	$\frac{1}{15}$	$\frac{23}{300}$	$\frac{7}{30}$	$\frac{277}{600}$	$\Phi_{600}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24688	646	600	$\frac{23}{300}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{277}{600}$	$\Phi_{600}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
24689	646	234	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{234}^3\ \Phi_{117}^3\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{26}\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
24690	646	350	$\frac{27}{350}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{350}^2\ \Phi_{175}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
24691	646	336	$\frac{13}{336}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24692	646	594	$\frac{1}{27}$	$\frac{26}{297}$	$\frac{1}{3}$	$\frac{271}{594}$	$\Phi_{594}^2\ \Phi_{198}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24693	646	585	$\frac{4}{65}$	$\frac{61}{585}$	$\frac{1}{5}$	$\frac{262}{585}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{117}\ \Phi_{65}^2\ \Phi_{45}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}^2\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
24694	646	576	$\frac{1}{36}$	$\frac{35}{288}$	$\frac{1}{3}$	$\frac{253}{576}$	$\Phi_{576}^2\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24695	646	390	$\frac{1}{39}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{390}^3\ \Phi_{130}^3\ \Phi_{78}^3\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^3\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24696	646	60	$\frac{1}{20}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{60}^{10}\ \Phi_{30}^8\ \Phi_{20}^{14}\ \Phi_{15}^{10}\ \Phi_{12}^{10}\ \Phi_{10}^{12}\ \Phi_6^8\ \Phi_5^{13}\ \Phi_4^{14}\ \Phi_3^{10}\ \Phi_2^{12}\ \Phi_1^{14}$
24697	646	90	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{7}{45}$	$\frac{13}{30}$	$\Phi_{90}^{15}\ \Phi_{45}^2\ \Phi_{30}^8\ \Phi_{18}^{15}\ \Phi_{15}\ \Phi_{10}^8\ \Phi_9^2\ \Phi_6^8\ \Phi_5\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
24698	646	567	$\frac{2}{81}$	$\frac{79}{567}$	$\frac{1}{3}$	$\frac{244}{567}$	$\Phi_{567}\ \Phi_{189}\ \Phi_{81}^2\ \Phi_{63}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
24699	646	420	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_6^2$
24700	646	312	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{312}^3\ \Phi_{104}^3\ \Phi_{78}^3\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{24}^2\ \Phi_{13}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24701	646	1120	$\frac{1}{35}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
24702	646	540	$\frac{1}{54}$	$\frac{53}{270}$	$\frac{1}{3}$	$\frac{217}{540}$	$\Phi_{540}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24703	646	480	$\frac{3}{160}$	$\frac{1}{5}$	$\frac{157}{480}$	$\frac{2}{5}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
24704	646	330	$\frac{7}{330}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
24705	646	400	$\frac{3}{80}$	$\frac{77}{400}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{400}^2\ \Phi_{200}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
24706	646	20	$\frac{1}{20}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{20}^{32}\ \Phi_{10}^{32}\ \Phi_5^{33}\ \Phi_4^{32}\ \Phi_2^{32}\ \Phi_1^{34}$
24707	646	360	$\frac{3}{40}$	$\frac{37}{360}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
24708	646	140	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{140}^5\ \Phi_{70}^5\ \Phi_{35}^5\ \Phi_{28}^3\ \Phi_{20}^4\ \Phi_{14}^5\ \Phi_{10}^4\ \Phi_7^4\ \Phi_5^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
24709	646	360	$\frac{1}{15}$	$\frac{37}{360}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24710	646	520	$\frac{2}{65}$	$\frac{1}{5}$	$\frac{63}{260}$	$\frac{197}{520}$	$\Phi_{520}^2\ \Phi_{104}^2\ \Phi_{65}^2\ \Phi_{40}^2\ \Phi_{13}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
24711	646	984	$\frac{5}{328}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{12}\ \Phi_6$
24712	646	840	$\frac{1}{35}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
24713	646	516	$\frac{1}{43}$	$\frac{21}{86}$	$\frac{65}{258}$	$\frac{193}{516}$	$\Phi_{516}^2\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
24714	646	210	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{210}^5\ \Phi_{70}^5\ \Phi_{42}^5\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{14}^5\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
24715	646	495	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{151}{495}$	$\frac{172}{495}$	$\Phi_{495}\ \Phi_{165}^2\ \Phi_{99}\ \Phi_{55}^2\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
24716	646	486	$\frac{1}{81}$	$\frac{80}{243}$	$\frac{1}{3}$	$\frac{163}{486}$	$\Phi_{486}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24717	646	126	$\frac{1}{18}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{126}^6\ \Phi_{63}^6\ \Phi_{42}^6\ \Phi_{21}^4\ \Phi_{18}^2\ \Phi_{14}^6\ \Phi_9^2\ \Phi_7^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24718	646	480	$\frac{3}{160}$	$\frac{1}{4}$	$\frac{157}{480}$	$\frac{1}{3}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24719	646	468	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{145}{468}$	$\frac{1}{3}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24720	646	54	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{54}^{18}\ \Phi_{27}^{16}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24721	646	120	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{120}^4\ \Phi_{60}^5\ \Phi_{40}^8\ \Phi_{30}^5\ \Phi_{24}^3\ \Phi_{20}^8\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^8\ \Phi_8^6\ \Phi_6^4\ \Phi_5^8\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
24722	646	432	$\frac{1}{36}$	$\frac{35}{144}$	$\frac{109}{432}$	$\frac{1}{3}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24723	646	1200	$\frac{3}{80}$	$\frac{77}{400}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{12}\ \Phi_6$
24724	646	336	$\frac{13}{336}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24725	646	384	$\frac{3}{64}$	$\frac{61}{384}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{384}^2\ \Phi_{192}\ \Phi_{128}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24726	646	60	$\frac{1}{20}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^{16}\ \Phi_{30}^{16}\ \Phi_{15}^{16}\ \Phi_{12}^{17}\ \Phi_6^{17}\ \Phi_3^{16}$
24727	646	360	$\frac{3}{40}$	$\frac{37}{360}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24728	646	1056	$\frac{29}{352}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
24729	646	462	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{462}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{77}\ \Phi_{42}^2\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_2^2\ \Phi_1^2$
24730	646	90	$\frac{1}{18}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{90}^9\ \Phi_{45}^8\ \Phi_{30}^9\ \Phi_{18}^2\ \Phi_{15}^8\ \Phi_{10}^9\ \Phi_9^2\ \Phi_6^2\ \Phi_5^8\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24731	646	72	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{72}^{12}\ \Phi_{36}^{12}\ \Phi_{24}^{10}\ \Phi_{18}^2\ \Phi_{12}^{10}\ \Phi_9^2\ \Phi_8^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
24732	646	360	$\frac{37}{360}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24733	646	378	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{378}$	$\frac{1}{3}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24734	646	25	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{6}{25}$	$\frac{8}{25}$	$\Phi_{25}^{26}\ \Phi_5^{25}\ \Phi_1^{26}$
24735	646	390	$\frac{4}{65}$	$\frac{67}{390}$	$\frac{1}{5}$	$\frac{61}{195}$	$\Phi_{390}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24736	646	375	$\frac{2}{25}$	$\frac{52}{375}$	$\frac{1}{5}$	$\frac{23}{75}$	$\Phi_{375}^2\ \Phi_{125}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
24737	646	594	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{22}$	$\frac{8}{27}$	$\Phi_{594}^2\ \Phi_{297}\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
24738	646	450	$\frac{1}{15}$	$\frac{23}{150}$	$\frac{7}{30}$	$\frac{127}{450}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
24739	646	450	$\frac{2}{25}$	$\frac{23}{150}$	$\frac{1}{5}$	$\frac{127}{450}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
24740	646	180	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{180}^5\ \Phi_{90}^5\ \Phi_{45}^4\ \Phi_{36}^5\ \Phi_{20}^4\ \Phi_{18}^5\ \Phi_{10}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
24741	646	400	$\frac{2}{25}$	$\frac{77}{400}$	$\frac{1}{5}$	$\frac{23}{100}$	$\Phi_{400}^2\ \Phi_{200}^2\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
24742	646	264	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{5}{22}$	$\Phi_{264}^3\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{44}^4\ \Phi_{24}^4\ \Phi_{22}^2\ \Phi_{12}^4\ \Phi_{11}\ \Phi_8^4\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
24743	646	375	$\frac{52}{375}$	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\Phi_{375}^2\ \Phi_{125}\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
24744	647	1216	$\frac{1}{38}$	$\frac{39}{608}$	$\frac{569}{1216}$	$\frac{37}{76}$	$\Phi_{1216}\ \Phi_{76}\ \Phi_{64}\ \Phi_4\ \Phi_1$
24745	647	912	$\frac{1}{38}$	$\frac{39}{304}$	$\frac{265}{912}$	$\frac{37}{76}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
24746	647	760	$\frac{1}{38}$	$\frac{113}{760}$	$\frac{39}{152}$	$\frac{37}{76}$	$\Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
24747	647	1224	$\frac{1}{34}$	$\frac{35}{612}$	$\frac{577}{1224}$	$\frac{33}{68}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{24}\ \Phi_8\ \Phi_4\ \Phi_1$
24748	647	816	$\frac{1}{34}$	$\frac{35}{204}$	$\frac{169}{816}$	$\frac{33}{68}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
24749	647	1224	$\frac{35}{612}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{577}{1224}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{136}\ \Phi_{72}\ \Phi_{51}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
24750	647	884	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{237}{884}$	$\frac{205}{442}$	$\Phi_{884}\ \Phi_{221}\ \Phi_{68}\ \Phi_{52}\ \Phi_{13}\ \Phi_4\ \Phi_1$
24751	647	1140	$\frac{1}{38}$	$\frac{77}{570}$	$\frac{37}{114}$	$\frac{493}{1140}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{20}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
24752	647	1140	$\frac{1}{19}$	$\frac{77}{570}$	$\frac{18}{95}$	$\frac{493}{1140}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{228}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
24753	647	798	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{151}{798}$	$\frac{115}{266}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{133}\ \Phi_{114}\ \Phi_{57}\ \Phi_{42}\ \Phi_{21}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
24754	647	912	$\frac{1}{38}$	$\frac{37}{228}$	$\frac{265}{912}$	$\frac{191}{456}$	$\Phi_{912}\ \Phi_{304}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
24755	647	1088	$\frac{1}{34}$	$\frac{103}{544}$	$\frac{33}{136}$	$\frac{441}{1088}$	$\Phi_{1088}\ \Phi_{136}\ \Phi_{68}\ \Phi_{64}\ \Phi_8\ \Phi_4\ \Phi_1$
24756	647	760	$\frac{1}{19}$	$\frac{113}{760}$	$\frac{18}{95}$	$\frac{77}{190}$	$\Phi_{760}\ \Phi_{380}\ \Phi_{152}\ \Phi_{95}\ \Phi_{76}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
24757	647	1064	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{115}{532}$	$\frac{417}{1064}$	$\Phi_{1064}\ \Phi_{152}\ \Phi_{133}\ \Phi_{56}\ \Phi_8\ \Phi_7\ \Phi_1$
24758	647	816	$\frac{1}{34}$	$\frac{169}{816}$	$\frac{33}{136}$	$\frac{103}{272}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
24759	647	1020	$\frac{1}{34}$	$\frac{33}{170}$	$\frac{137}{510}$	$\frac{373}{1020}$	$\Phi_{1020}\ \Phi_{340}\ \Phi_{204}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
24760	647	714	$\frac{1}{17}$	$\frac{67}{714}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{119}\ \Phi_{51}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_3\ \Phi_1$
24761	647	918	$\frac{1}{17}$	$\frac{35}{306}$	$\frac{271}{918}$	$\frac{16}{51}$	$\Phi_{918}\ \Phi_{459}\ \Phi_{54}\ \Phi_{51}\ \Phi_{27}\ \Phi_3\ \Phi_1$
24762	647	765	$\frac{1}{17}$	$\frac{118}{765}$	$\frac{35}{153}$	$\frac{16}{51}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1$
24763	647	816	$\frac{1}{17}$	$\frac{35}{204}$	$\frac{169}{816}$	$\frac{16}{51}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{136}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_3\ \Phi_1$
24764	647	855	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{208}{855}$	$\frac{77}{285}$	$\Phi_{855}\ \Phi_{171}\ \Phi_{95}\ \Phi_{45}\ \Phi_9\ \Phi_5\ \Phi_1$
24765	648	483	$\frac{1}{161}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{80}{161}$	$\Phi_{483}\ \Phi_{161}^2\ \Phi_{69}\ \Phi_{23}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
24766	648	647	$\frac{5}{647}$	$\frac{163}{647}$	$\frac{242}{647}$	$\frac{321}{647}$	$\Phi_{647}\ \Phi_1^2$
24767	648	975	$\frac{3}{325}$	$\frac{82}{325}$	$\frac{1}{3}$	$\frac{161}{325}$	$\Phi_{975}\ \Phi_{195}\ \Phi_{75}\ \Phi_{39}\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
24768	648	535	$\frac{1}{107}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{53}{107}$	$\Phi_{535}\ \Phi_{107}^2\ \Phi_5^2\ \Phi_1^4$
24769	648	1284	$\frac{1}{107}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{53}{107}$	$\Phi_{1284}\ \Phi_{642}\ \Phi_{12}^2\ \Phi_6^2$
24770	648	647	$\frac{7}{647}$	$\frac{109}{647}$	$\frac{269}{647}$	$\frac{320}{647}$	$\Phi_{647}\ \Phi_1^2$
24771	648	1120	$\frac{1}{80}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{79}{160}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}^2\ \Phi_{32}^2\ \Phi_7\ \Phi_1^2$
24772	648	480	$\frac{1}{80}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{79}{160}$	$\Phi_{480}^4\ \Phi_{96}^4\ \Phi_{15}$
24773	648	868	$\frac{3}{217}$	$\frac{1}{4}$	$\frac{55}{217}$	$\frac{107}{217}$	$\Phi_{868}\ \Phi_{434}\ \Phi_{124}\ \Phi_{62}\ \Phi_{28}\ \Phi_{14}$
24774	648	647	$\frac{9}{647}$	$\frac{161}{647}$	$\frac{164}{647}$	$\frac{319}{647}$	$\Phi_{647}\ \Phi_1^2$
24775	648	1136	$\frac{1}{71}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{35}{71}$	$\Phi_{1136}\ \Phi_{71}\ \Phi_{16}^2\ \Phi_1^2$
24776	648	284	$\frac{1}{71}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{35}{71}$	$\Phi_{284}^2\ \Phi_{142}^2\ \Phi_{71}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
24777	648	195	$\frac{1}{65}$	$\frac{11}{65}$	$\frac{1}{3}$	$\frac{32}{65}$	$\Phi_{195}^5\ \Phi_{39}^5\ \Phi_{15}^5\ \Phi_3^4$
24778	648	583	$\frac{1}{53}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{26}{53}$	$\Phi_{583}\ \Phi_{53}^2\ \Phi_{11}^2\ \Phi_1^4$
24779	648	1113	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{1113}\ \Phi_{21}^2$
24780	648	583	$\frac{1}{53}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{26}{53}$	$\Phi_{583}\ \Phi_{53}^2\ \Phi_{11}^2\ \Phi_1^4$
24781	648	1060	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{26}{53}$	$\Phi_{1060}\ \Phi_{530}\ \Phi_{20}^2\ \Phi_{10}^2$
24782	648	647	$\frac{13}{647}$	$\frac{55}{647}$	$\frac{296}{647}$	$\frac{317}{647}$	$\Phi_{647}\ \Phi_1^2$
24783	648	647	$\frac{13}{647}$	$\frac{110}{647}$	$\frac{179}{647}$	$\frac{317}{647}$	$\Phi_{647}\ \Phi_1^2$
24784	648	868	$\frac{5}{217}$	$\frac{37}{217}$	$\frac{1}{4}$	$\frac{106}{217}$	$\Phi_{868}\ \Phi_{434}\ \Phi_{124}\ \Phi_{62}\ \Phi_{28}\ \Phi_{14}$
24785	648	647	$\frac{17}{647}$	$\frac{83}{647}$	$\frac{188}{647}$	$\frac{315}{647}$	$\Phi_{647}\ \Phi_1^2$
24786	648	763	$\frac{3}{109}$	$\frac{1}{7}$	$\frac{28}{109}$	$\frac{53}{109}$	Φ_{763}
24787	648	595	$\frac{1}{35}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{17}{35}$	$\Phi_{595}\ \Phi_{119}\ \Phi_{85}\ \Phi_{35}^2\ \Phi_{17}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
24788	648	210	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{210}^5\ \Phi_{105}^4\ \Phi_{42}^5\ \Phi_{30}^6\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_6^6\ \Phi_3^4$
24789	648	595	$\frac{1}{35}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{17}{35}$	$\Phi_{595}\ \Phi_{119}\ \Phi_{85}\ \Phi_{35}^2\ \Phi_{17}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
24790	648	140	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{140}^6\ \Phi_{70}^6\ \Phi_{28}^7\ \Phi_{20}^6\ \Phi_{14}^7\ \Phi_{10}^6\ \Phi_4^6\ \Phi_2^6$
24791	648	647	$\frac{19}{647}$	$\frac{37}{647}$	$\frac{305}{647}$	$\frac{314}{647}$	$\Phi_{647}\ \Phi_1^2$
24792	648	647	$\frac{19}{647}$	$\frac{111}{647}$	$\frac{134}{647}$	$\frac{314}{647}$	$\Phi_{647}\ \Phi_1^2$
24793	648	815	$\frac{5}{163}$	$\frac{28}{163}$	$\frac{1}{5}$	$\frac{79}{163}$	Φ_{815}
24794	648	124	$\frac{1}{31}$	$\frac{4}{31}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{124}^7\ \Phi_{62}^7\ \Phi_4^6\ \Phi_2^6$
24795	648	647	$\frac{21}{647}$	$\frac{80}{647}$	$\frac{167}{647}$	$\frac{313}{647}$	$\Phi_{647}\ \Phi_1^2$
24796	648	975	$\frac{11}{325}$	$\frac{28}{325}$	$\frac{1}{3}$	$\frac{157}{325}$	$\Phi_{975}\ \Phi_{195}\ \Phi_{75}\ \Phi_{39}\ \Phi_{15}$
24797	648	1196	$\frac{1}{26}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{25}{52}$	$\Phi_{1196}\ \Phi_{92}\ \Phi_{52}^2\ \Phi_{23}\ \Phi_4^2\ \Phi_1^2$
24798	648	156	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{156}^{12}\ \Phi_{39}\ \Phi_{12}^{12}$
24799	648	1196	$\frac{1}{26}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{25}{52}$	$\Phi_{1196}\ \Phi_{92}\ \Phi_{52}^2\ \Phi_{23}\ \Phi_4^2\ \Phi_1^2$
24800	648	468	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{468}\ \Phi_{234}^2\ \Phi_{156}\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{36}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
24801	648	1196	$\frac{1}{26}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{25}{52}$	$\Phi_{1196}\ \Phi_{92}\ \Phi_{52}^2\ \Phi_{23}\ \Phi_4^2\ \Phi_1^2$
24802	648	1820	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{1820}\ \Phi_{140}\ \Phi_{35}$
24803	648	647	$\frac{25}{647}$	$\frac{56}{647}$	$\frac{197}{647}$	$\frac{311}{647}$	$\Phi_{647}\ \Phi_1^2$
24804	648	525	$\frac{1}{25}$	$\frac{13}{175}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{525}^2\ \Phi_{105}^2\ \Phi_{75}\ \Phi_{21}^2\ \Phi_{15}$
24805	648	730	$\frac{3}{73}$	$\frac{1}{10}$	$\frac{19}{73}$	$\frac{35}{73}$	$\Phi_{730}\ \Phi_{365}\ \Phi_{146}$
24806	648	299	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{11}{23}$	$\Phi_{299}^2\ \Phi_{23}^3\ \Phi_{13}^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
24807	648	460	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{460}^2\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}\ \Phi_{23}\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
24808	648	763	$\frac{5}{109}$	$\frac{1}{7}$	$\frac{19}{109}$	$\frac{52}{109}$	Φ_{763}
24809	648	647	$\frac{31}{647}$	$\frac{89}{647}$	$\frac{113}{647}$	$\frac{308}{647}$	$\Phi_{647}\ \Phi_1^2$
24810	648	868	$\frac{11}{217}$	$\frac{19}{217}$	$\frac{1}{4}$	$\frac{103}{217}$	$\Phi_{868}\ \Phi_{434}\ \Phi_{124}\ \Phi_{62}\ \Phi_{28}\ \Phi_{14}$
24811	648	647	$\frac{33}{647}$	$\frac{53}{647}$	$\frac{170}{647}$	$\frac{307}{647}$	$\Phi_{647}\ \Phi_1^2$
24812	648	975	$\frac{17}{325}$	$\frac{19}{325}$	$\frac{1}{3}$	$\frac{154}{325}$	$\Phi_{975}\ \Phi_{195}\ \Phi_{75}\ \Phi_{39}\ \Phi_{15}$
24813	648	647	$\frac{37}{647}$	$\frac{38}{647}$	$\frac{203}{647}$	$\frac{305}{647}$	$\Phi_{647}\ \Phi_1^2$
24814	648	969	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{969}\ \Phi_{57}^2$
24815	648	595	$\frac{2}{35}$	$\frac{1}{17}$	$\frac{11}{35}$	$\frac{8}{17}$	$\Phi_{595}\ \Phi_{119}\ \Phi_{85}\ \Phi_{35}^2\ \Phi_{17}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
24816	648	884	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{884}\ \Phi_{442}\ \Phi_{52}^2\ \Phi_{26}^2$
24817	648	595	$\frac{1}{17}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{8}{17}$	$\Phi_{595}\ \Phi_{119}\ \Phi_{85}\ \Phi_{35}^2\ \Phi_{17}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
24818	648	170	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{170}^4\ \Phi_{85}^3\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_{10}^8\ \Phi_5^6\ \Phi_2^8\ \Phi_1^8$
24819	648	119	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{8}{17}$	$\Phi_{119}^5\ \Phi_{17}^6\ \Phi_7^{10}\ \Phi_1^{12}$
24820	648	730	$\frac{5}{73}$	$\frac{1}{10}$	$\frac{13}{73}$	$\frac{34}{73}$	$\Phi_{730}\ \Phi_{365}\ \Phi_{146}$
24821	648	647	$\frac{29}{647}$	$\frac{49}{647}$	$\frac{206}{647}$	$\frac{299}{647}$	$\Phi_{647}\ \Phi_1^2$
24822	648	647	$\frac{49}{647}$	$\frac{59}{647}$	$\frac{116}{647}$	$\frac{299}{647}$	$\Phi_{647}\ \Phi_1^2$
24823	648	507	$\frac{7}{169}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{507}^2\ \Phi_{39}$
24824	648	868	$\frac{13}{217}$	$\frac{17}{217}$	$\frac{1}{4}$	$\frac{100}{217}$	$\Phi_{868}\ \Phi_{434}\ \Phi_{124}\ \Phi_{62}\ \Phi_{28}\ \Phi_{14}$
24825	648	150	$\frac{1}{25}$	$\frac{2}{25}$	$\frac{1}{3}$	$\frac{23}{50}$	$\Phi_{150}^{12}\ \Phi_{75}\ \Phi_{30}^{12}\ \Phi_{15}\ \Phi_6^{12}$
24826	648	650	$\frac{1}{13}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{650}^2\ \Phi_{130}^2\ \Phi_{65}\ \Phi_{26}^2$
24827	648	703	$\frac{1}{19}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	Φ_{703}
24828	648	647	$\frac{39}{647}$	$\frac{55}{647}$	$\frac{152}{647}$	$\frac{296}{647}$	$\Phi_{647}\ \Phi_1^2$
24829	648	924	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{231}\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{66}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_6^2$
24830	648	583	$\frac{2}{53}$	$\frac{1}{11}$	$\frac{17}{53}$	$\frac{5}{11}$	$\Phi_{583}\ \Phi_{53}^2\ \Phi_{11}^2\ \Phi_1^4$
24831	648	836	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{836}\ \Phi_{418}\ \Phi_{76}^2\ \Phi_{38}^2$
24832	648	143	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{143}^5\ \Phi_{13}^4$
24833	648	583	$\frac{1}{11}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{5}{11}$	$\Phi_{583}\ \Phi_{53}^2\ \Phi_{11}^2\ \Phi_1^4$
24834	648	770	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{770}\ \Phi_{385}\ \Phi_{154}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{14}^2$
24835	648	647	$\frac{59}{647}$	$\frac{61}{647}$	$\frac{98}{647}$	$\frac{293}{647}$	$\Phi_{647}\ \Phi_1^2$
24836	648	730	$\frac{7}{73}$	$\frac{1}{10}$	$\frac{10}{73}$	$\frac{33}{73}$	$\Phi_{730}\ \Phi_{365}\ \Phi_{146}$
24837	648	647	$\frac{62}{647}$	$\frac{65}{647}$	$\frac{89}{647}$	$\frac{291}{647}$	$\Phi_{647}\ \Phi_1^2$
24838	648	763	$\frac{10}{109}$	$\frac{11}{109}$	$\frac{1}{7}$	$\frac{49}{109}$	Φ_{763}
24839	648	647	$\frac{44}{647}$	$\frac{67}{647}$	$\frac{119}{647}$	$\frac{290}{647}$	$\Phi_{647}\ \Phi_1^2$
24840	648	815	$\frac{10}{163}$	$\frac{17}{163}$	$\frac{1}{5}$	$\frac{73}{163}$	Φ_{815}
24841	648	868	$\frac{10}{217}$	$\frac{23}{217}$	$\frac{1}{4}$	$\frac{97}{217}$	$\Phi_{868}\ \Phi_{434}\ \Phi_{124}\ \Phi_{62}\ \Phi_{28}\ \Phi_{14}$
24842	648	647	$\frac{26}{647}$	$\frac{69}{647}$	$\frac{179}{647}$	$\frac{289}{647}$	$\Phi_{647}\ \Phi_1^2$
24843	648	195	$\frac{2}{65}$	$\frac{7}{65}$	$\frac{1}{3}$	$\frac{29}{65}$	$\Phi_{195}^5\ \Phi_{39}^5\ \Phi_{15}^5\ \Phi_3^4$
24844	648	647	$\frac{20}{647}$	$\frac{73}{647}$	$\frac{209}{647}$	$\frac{287}{647}$	$\Phi_{647}\ \Phi_1^2$
24845	648	700	$\frac{1}{28}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
24846	648	1776	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1776}\ \Phi_{111}$
24847	648	1136	$\frac{2}{71}$	$\frac{1}{8}$	$\frac{23}{71}$	$\frac{7}{16}$	$\Phi_{1136}\ \Phi_{71}\ \Phi_{16}^2\ \Phi_1^2$
24848	648	400	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{400}^3\ \Phi_{100}\ \Phi_{80}^3\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
24849	648	1136	$\frac{3}{71}$	$\frac{1}{8}$	$\frac{17}{71}$	$\frac{7}{16}$	$\Phi_{1136}\ \Phi_{71}\ \Phi_{16}^2\ \Phi_1^2$
24850	648	1520	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{1520}\ \Phi_{95}$
24851	648	1136	$\frac{5}{71}$	$\frac{1}{8}$	$\frac{11}{71}$	$\frac{7}{16}$	$\Phi_{1136}\ \Phi_{71}\ \Phi_{16}^2\ \Phi_1^2$
24852	648	1456	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{1456}\ \Phi_{91}$
24853	648	1136	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1136}\ \Phi_{71}\ \Phi_{16}^2\ \Phi_1^2$
24854	648	720	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{144}\ \Phi_{90}\ \Phi_{48}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
24855	648	703	$\frac{1}{19}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	Φ_{703}
24856	648	647	$\frac{41}{647}$	$\frac{91}{647}$	$\frac{101}{647}$	$\frac{278}{647}$	$\Phi_{647}\ \Phi_1^2$
24857	648	280	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{13}{40}$	$\frac{3}{7}$	$\Phi_{280}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^4\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^4\ \Phi_{14}^2\ \Phi_{10}^4\ \Phi_8^4\ \Phi_7^3\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
24858	648	28	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{28}^{23}\ \Phi_{14}^{23}\ \Phi_7^{24}\ \Phi_4^{22}\ \Phi_2^{22}\ \Phi_1^{24}$
24859	648	595	$\frac{4}{85}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{595}\ \Phi_{119}\ \Phi_{85}^2\ \Phi_{17}^2\ \Phi_7\ \Phi_1^2$
24860	648	700	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{19}{100}$	$\frac{3}{7}$	$\Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_7\ \Phi_1^2$
24861	648	224	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{5}{32}$	$\frac{3}{7}$	$\Phi_{224}^3\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{32}^6\ \Phi_{28}^2\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_8^4\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
24862	648	616	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{88}^2\ \Phi_{77}\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_1^2$
24863	648	70	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{70}^8\ \Phi_{35}^8\ \Phi_{14}^8\ \Phi_{10}^{16}\ \Phi_7^9\ \Phi_5^{16}\ \Phi_2^{16}\ \Phi_1^{18}$
24864	648	647	$\frac{62}{647}$	$\frac{65}{647}$	$\frac{97}{647}$	$\frac{275}{647}$	$\Phi_{647}\ \Phi_1^2$
24865	648	730	$\frac{7}{73}$	$\frac{1}{10}$	$\frac{11}{73}$	$\frac{31}{73}$	$\Phi_{730}\ \Phi_{365}\ \Phi_{146}$
24866	648	763	$\frac{7}{109}$	$\frac{1}{7}$	$\frac{17}{109}$	$\frac{46}{109}$	Φ_{763}
24867	648	647	$\frac{29}{647}$	$\frac{103}{647}$	$\frac{125}{647}$	$\frac{272}{647}$	$\Phi_{647}\ \Phi_1^2$
24868	648	124	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{1}{4}$	$\frac{13}{31}$	$\Phi_{124}^7\ \Phi_{62}^7\ \Phi_4^6\ \Phi_2^6$
24869	648	647	$\frac{17}{647}$	$\frac{105}{647}$	$\frac{188}{647}$	$\frac{271}{647}$	$\Phi_{647}\ \Phi_1^2$
24870	648	975	$\frac{7}{325}$	$\frac{53}{325}$	$\frac{1}{3}$	$\frac{136}{325}$	$\Phi_{975}\ \Phi_{195}\ \Phi_{75}\ \Phi_{39}\ \Phi_{15}$
24871	648	647	$\frac{14}{647}$	$\frac{109}{647}$	$\frac{211}{647}$	$\frac{269}{647}$	$\Phi_{647}\ \Phi_1^2$
24872	648	165	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{165}^6\ \Phi_{33}^6\ \Phi_{15}^5\ \Phi_3^4$
24873	648	535	$\frac{2}{107}$	$\frac{1}{5}$	$\frac{35}{107}$	$\frac{2}{5}$	$\Phi_{535}\ \Phi_{107}^2\ \Phi_5^2\ \Phi_1^4$
24874	648	740	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{740}\ \Phi_{370}\ \Phi_{148}^2\ \Phi_{74}^2$
24875	648	535	$\frac{3}{107}$	$\frac{1}{5}$	$\frac{26}{107}$	$\frac{2}{5}$	$\Phi_{535}\ \Phi_{107}^2\ \Phi_5^2\ \Phi_1^4$
24876	648	140	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{140}^5\ \Phi_{70}^5\ \Phi_{35}^5\ \Phi_{28}^4\ \Phi_{20}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_7^4\ \Phi_4^4\ \Phi_2^4$
24877	648	535	$\frac{5}{107}$	$\frac{17}{107}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{535}\ \Phi_{107}^2\ \Phi_5^2\ \Phi_1^4$
24878	648	665	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{665}\ \Phi_{133}^2$
24879	648	535	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{535}\ \Phi_{107}^2\ \Phi_5^2\ \Phi_1^4$
24880	648	130	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{130}^6\ \Phi_{65}^5\ \Phi_{26}^6\ \Phi_{13}^4$
24881	648	647	$\frac{11}{647}$	$\frac{145}{647}$	$\frac{212}{647}$	$\frac{251}{647}$	$\Phi_{647}\ \Phi_1^2$
24882	648	647	$\frac{44}{647}$	$\frac{67}{647}$	$\frac{145}{647}$	$\frac{251}{647}$	$\Phi_{647}\ \Phi_1^2$
24883	648	572	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{572}^2\ \Phi_{143}\ \Phi_{52}^2$
24884	648	715	$\frac{1}{55}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{715}\ \Phi_{143}\ \Phi_{65}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
24885	648	730	$\frac{5}{73}$	$\frac{1}{10}$	$\frac{17}{73}$	$\frac{28}{73}$	$\Phi_{730}\ \Phi_{365}\ \Phi_{146}$
24886	648	647	$\frac{19}{647}$	$\frac{134}{647}$	$\frac{157}{647}$	$\frac{245}{647}$	$\Phi_{647}\ \Phi_{1}^{2}$
24887	648	868	$\frac{5}{217}$	$\frac{53}{217}$	$\frac{1}{4}$	$\frac{82}{217}$	$\Phi_{868}\ \Phi_{434}\ \Phi_{124}\ \Phi_{62}\ \Phi_{28}\ \Phi_{14}$
24888	648	390	$\frac{1}{65}$	$\frac{16}{65}$	$\frac{1}{3}$	$\frac{49}{130}$	$\Phi_{390}^{4}\ \Phi_{195}\ \Phi_{78}^{4}\ \Phi_{39}\ \Phi_{30}^{4}\ \Phi_{15}\ \Phi_{6}^{4}$
24889	648	800	$\frac{1}{25}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
24890	648	647	$\frac{15}{647}$	$\frac{158}{647}$	$\frac{163}{647}$	$\frac{242}{647}$	$\Phi_{647}\ \Phi_{1}^{2}$
24891	648	703	$\frac{1}{37}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	Φ_{703}
24892	648	647	$\frac{23}{647}$	$\frac{104}{647}$	$\frac{181}{647}$	$\frac{233}{647}$	$\Phi_{647}\ \Phi_{1}^{2}$
24893	648	700	$\frac{1}{28}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
24894	648	350	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{350}^{3}\ \Phi_{175}\ \Phi_{70}^{3}\ \Phi_{50}^{3}\ \Phi_{35}\ \Phi_{10}^{3}$
24895	648	703	$\frac{1}{19}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	Φ_{703}
24896	648	647	$\frac{35}{647}$	$\frac{68}{647}$	$\frac{193}{647}$	$\frac{227}{647}$	$\Phi_{647}\ \Phi_{1}^{2}$
24897	648	647	$\frac{47}{647}$	$\frac{50}{647}$	$\frac{199}{647}$	$\frac{224}{647}$	$\Phi_{647}\ \Phi_{1}^{2}$
24898	648	715	$\frac{4}{55}$	$\frac{1}{13}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{715}\ \Phi_{143}\ \Phi_{65}$
24899	648	730	$\frac{4}{73}$	$\frac{1}{10}$	$\frac{23}{73}$	$\frac{25}{73}$	$\Phi_{730}\ \Phi_{365}\ \Phi_{146}$
24900	648	647	$\frac{32}{647}$	$\frac{71}{647}$	$\frac{205}{647}$	$\frac{221}{647}$	$\Phi_{647}\ \Phi_{1}^{2}$
24901	648	763	$\frac{4}{109}$	$\frac{1}{7}$	$\frac{35}{109}$	$\frac{37}{109}$	Φ_{763}
24902	648	647	$\frac{20}{647}$	$\frac{107}{647}$	$\frac{209}{647}$	$\frac{219}{647}$	$\Phi_{647}\ \Phi_{1}^{2}$
24903	648	815	$\frac{4}{163}$	$\frac{1}{5}$	$\frac{53}{163}$	$\frac{55}{163}$	Φ_{815}
24904	648	647	$\frac{14}{647}$	$\frac{143}{647}$	$\frac{211}{647}$	$\frac{218}{647}$	$\Phi_{647}\ \Phi_{1}^{2}$
24905	648	868	$\frac{4}{217}$	$\frac{1}{4}$	$\frac{71}{217}$	$\frac{73}{217}$	$\Phi_{868}\ \Phi_{434}\ \Phi_{124}\ \Phi_{62}\ \Phi_{28}\ \Phi_{14}$
24906	648	647	$\frac{8}{647}$	$\frac{213}{647}$	$\frac{215}{647}$	$\frac{217}{647}$	$\Phi_{647}\ \Phi_{1}^{2}$
24907	648	975	$\frac{4}{325}$	$\frac{107}{325}$	$\frac{1}{3}$	$\frac{109}{325}$	$\Phi_{975}\ \Phi_{195}\ \Phi_{75}\ \Phi_{39}\ \Phi_{15}$
24908	648	246	$\frac{1}{82}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{246}^{3}\ \Phi_{123}^{3}\ \Phi_{82}^{2}\ \Phi_{41}^{2}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
24909	648	483	$\frac{2}{161}$	$\frac{53}{161}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{483}\ \Phi_{161}^{2}\ \Phi_{69}\ \Phi_{23}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
24910	648	660	$\frac{1}{55}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}^{2}\ \Phi_{132}\ \Phi_{110}^{2}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}^{2}\ \Phi_{30}\ \Phi_{22}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
24911	648	483	$\frac{5}{161}$	$\frac{26}{161}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{483}\ \Phi_{161}^{2}\ \Phi_{69}\ \Phi_{23}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
24912	648	84	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{84}^{6}\ \Phi_{42}^{6}\ \Phi_{28}^{12}\ \Phi_{21}^{5}\ \Phi_{14}^{12}\ \Phi_{12}^{6}\ \Phi_{7}^{10}\ \Phi_{6}^{6}\ \Phi_{4}^{12}\ \Phi_{3}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
24913	648	276	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{276}^{2}\ \Phi_{138}^{2}\ \Phi_{92}^{4}\ \Phi_{69}\ \Phi_{46}^{4}\ \Phi_{23}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
24914	648	483	$\frac{8}{161}$	$\frac{17}{161}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{483}\ \Phi_{161}^{2}\ \Phi_{69}\ \Phi_{23}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
24915	648	570	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{570}\ \Phi_{285}\ \Phi_{190}^{2}\ \Phi_{114}\ \Phi_{95}^{2}\ \Phi_{38}^{2}$
24916	648	1284	$\frac{2}{107}$	$\frac{1}{4}$	$\frac{35}{107}$	$\frac{1}{3}$	$\Phi_{1284}\ \Phi_{642}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
24917	648	975	$\frac{7}{325}$	$\frac{73}{325}$	$\frac{106}{325}$	$\frac{1}{3}$	$\Phi_{975}\ \Phi_{195}\ \Phi_{75}\ \Phi_{39}\ \Phi_{15}$
24918	648	120	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{13}{40}$	$\frac{1}{3}$	$\Phi_{120}^{8}\ \Phi_{60}^{8}\ \Phi_{30}^{8}\ \Phi_{24}^{8}\ \Phi_{15}^{9}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{8}$
24919	648	195	$\frac{2}{65}$	$\frac{11}{65}$	$\frac{21}{65}$	$\frac{1}{3}$	$\Phi_{195}^{5}\ \Phi_{39}^{5}\ \Phi_{15}^{5}\ \Phi_{3}^{4}$
24920	648	1113	$\frac{2}{53}$	$\frac{1}{7}$	$\frac{17}{53}$	$\frac{1}{3}$	$\Phi_{1113}\ \Phi_{21}^{2}$
24921	648	375	$\frac{1}{25}$	$\frac{17}{125}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{375}^{3}\ \Phi_{75}\ \Phi_{15}$
24922	648	975	$\frac{16}{325}$	$\frac{37}{325}$	$\frac{103}{325}$	$\frac{1}{3}$	$\Phi_{975}\ \Phi_{195}\ \Phi_{75}\ \Phi_{39}\ \Phi_{15}$
24923	648	210	$\frac{2}{35}$	$\frac{1}{10}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{210}^{5}\ \Phi_{105}^{4}\ \Phi_{42}^{5}\ \Phi_{30}^{6}\ \Phi_{21}^{4}\ \Phi_{15}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
24924	648	39	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{39}^{25}\ \Phi_{3}^{24}$
24925	648	975	$\frac{19}{325}$	$\frac{34}{325}$	$\frac{97}{325}$	$\frac{1}{3}$	$\Phi_{975}\ \Phi_{195}\ \Phi_{75}\ \Phi_{39}\ \Phi_{15}$
24926	648	969	$\frac{1}{19}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{969}\ \Phi_{57}^{2}$
24927	648	75	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{1}{3}$	$\Phi_{75}^{13}\ \Phi_{15}^{13}\ \Phi_{3}^{12}$
24928	648	924	$\frac{1}{28}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{231}\ \Phi_{132}\ \Phi_{84}^{2}\ \Phi_{66}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
24929	648	975	$\frac{9}{325}$	$\frac{79}{325}$	$\frac{82}{325}$	$\frac{1}{3}$	$\Phi_{975}\ \Phi_{195}\ \Phi_{75}\ \Phi_{39}\ \Phi_{15}$
24930	648	444	$\frac{1}{37}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{444}^{2}\ \Phi_{222}^{2}\ \Phi_{111}^{3}$
24931	648	1284	$\frac{3}{107}$	$\frac{26}{107}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1284}\ \Phi_{642}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
24932	648	420	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{105}^{3}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{3}$
24933	648	1284	$\frac{5}{107}$	$\frac{17}{107}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1284}\ \Phi_{642}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
24934	648	1596	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1596}\ \Phi_{798}$
24935	648	1284	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1284}\ \Phi_{642}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
24936	648	780	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^{2}\ \Phi_{390}\ \Phi_{195}\ \Phi_{156}\ \Phi_{39}$
24937	648	300	$\frac{1}{25}$	$\frac{19}{100}$	$\frac{6}{25}$	$\frac{1}{3}$	$\Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{75}\ \Phi_{60}^{4}\ \Phi_{30}^{4}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{6}^{4}$
24938	648	273	$\frac{1}{13}$	$\frac{10}{91}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{273}^{4}\ \Phi_{39}\ \Phi_{21}^{4}$
24939	648	210	$\frac{3}{35}$	$\frac{1}{10}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{210}^{5}\ \Phi_{105}^{4}\ \Phi_{42}^{5}\ \Phi_{30}^{6}\ \Phi_{21}^{4}\ \Phi_{15}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{4}$
24940	648	975	$\frac{28}{325}$	$\frac{33}{325}$	$\frac{73}{325}$	$\frac{1}{3}$	$\Phi_{975}\ \Phi_{195}\ \Phi_{75}\ \Phi_{39}\ \Phi_{15}$
24941	648	312	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{104}$	$\frac{1}{3}$	$\Phi_{312}^{4}\ \Phi_{156}^{4}\ \Phi_{39}\ \Phi_{24}^{4}\ \Phi_{12}^{4}$
24942	648	255	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{255}^{4}\ \Phi_{51}^{4}\ \Phi_{15}$
24943	648	300	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{75}^{4}\ \Phi_{15}$
24944	648	480	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{480}^{3}\ \Phi_{240}^{2}\ \Phi_{120}^{2}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{3}$
24945	648	1320	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{15}$
24946	648	30	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{30}^{32}\ \Phi_{15}^{33}\ \Phi_{6}^{32}\ \Phi_{3}^{32}$
24947	648	195	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{65}$	$\frac{1}{3}$	$\Phi_{195}^{6}\ \Phi_{39}\ \Phi_{15}^{6}$
24948	648	1113	$\frac{5}{53}$	$\frac{1}{7}$	$\frac{8}{53}$	$\frac{1}{3}$	$\Phi_{1113}\ \Phi_{21}^{2}$
24949	648	975	$\frac{31}{325}$	$\frac{46}{325}$	$\frac{49}{325}$	$\frac{1}{3}$	$\Phi_{975}\ \Phi_{195}\ \Phi_{75}\ \Phi_{39}\ \Phi_{15}$
24950	648	210	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{210}^{5}\ \Phi_{105}^{5}\ \Phi_{42}^{5}\ \Phi_{30}^{6}\ \Phi_{15}^{6}\ \Phi_{6}^{6}$
24951	648	284	$\frac{2}{71}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{23}{71}$	$\Phi_{284}^{2}\ \Phi_{142}^{2}\ \Phi_{71}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
24952	648	647	$\frac{20}{647}$	$\frac{146}{647}$	$\frac{167}{647}$	$\frac{209}{647}$	$\Phi_{647}\ \Phi_{1}^{2}$
24953	648	124	$\frac{1}{31}$	$\frac{7}{31}$	$\frac{1}{4}$	$\frac{10}{31}$	$\Phi_{124}^{7}\ \Phi_{62}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
24954	648	583	$\frac{2}{53}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{17}{53}$	$\Phi_{583}\ \Phi_{53}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
24955	648	1060	$\frac{2}{53}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{17}{53}$	$\Phi_{1060}\ \Phi_{530}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
24956	648	647	$\frac{26}{647}$	$\frac{110}{647}$	$\frac{179}{647}$	$\frac{207}{647}$	$\Phi_{647}\ \Phi_{1}^{2}$
24957	648	815	$\frac{7}{163}$	$\frac{1}{5}$	$\frac{37}{163}$	$\frac{52}{163}$	Φ_{815}
24958	648	647	$\frac{29}{647}$	$\frac{125}{647}$	$\frac{147}{647}$	$\frac{206}{647}$	$\Phi_{647}\ \Phi_{1}^{2}$
24959	648	868	$\frac{10}{217}$	$\frac{37}{217}$	$\frac{1}{4}$	$\frac{69}{217}$	$\Phi_{868}\ \Phi_{434}\ \Phi_{124}\ \Phi_{62}\ \Phi_{28}\ \Phi_{14}$
24960	648	595	$\frac{2}{35}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{11}{35}$	$\Phi_{595}\ \Phi_{119}\ \Phi_{85}\ \Phi_{35}^{2}\ \Phi_{17}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
24961	648	140	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{11}{35}$	$\Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{28}^{7}\ \Phi_{20}^{6}\ \Phi_{14}^{7}\ \Phi_{10}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
24962	648	647	$\frac{38}{647}$	$\frac{74}{647}$	$\frac{191}{647}$	$\frac{203}{647}$	$\Phi_{647}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
24963	648	763	$\frac{7}{109}$	$\frac{1}{7}$	$\frac{25}{109}$	$\frac{34}{109}$	Φ_{763}
24964	648	647	$\frac{47}{647}$	$\frac{83}{647}$	$\frac{149}{647}$	$\frac{200}{647}$	$\Phi_{647}\ \Phi_{1}^{2}$
24965	648	868	$\frac{16}{217}$	$\frac{25}{217}$	$\frac{1}{4}$	$\frac{67}{217}$	$\Phi_{868}\ \Phi_{434}\ \Phi_{124}\ \Phi_{62}\ \Phi_{28}\ \Phi_{14}$
24966	648	299	$\frac{1}{13}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{4}{13}$	$\Phi_{299}^{2}\ \Phi_{23}^{3}\ \Phi_{13}^{4}\ \Phi_{1}^{6}$
24967	648	468	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{468}^{2}\ \Phi_{234}^{2}\ \Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
24968	648	299	$\frac{1}{13}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{4}{13}$	$\Phi_{299}^{2}\ \Phi_{23}^{3}\ \Phi_{13}^{4}\ \Phi_{1}^{6}$
24969	648	455	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{455}^{2}\ \Phi_{35}^{3}$
24970	648	647	$\frac{50}{647}$	$\frac{56}{647}$	$\frac{197}{647}$	$\frac{199}{647}$	$\Phi_{647}\ \Phi_{1}^{2}$
24971	648	738	$\frac{7}{82}$	$\frac{1}{9}$	$\frac{19}{82}$	$\frac{25}{82}$	$\Phi_{738}\ \Phi_{369}\ \Phi_{246}\ \Phi_{123}\ \Phi_{18}\ \Phi_{6}$
24972	648	647	$\frac{56}{647}$	$\frac{75}{647}$	$\frac{143}{647}$	$\frac{197}{647}$	$\Phi_{647}\ \Phi_{1}^{2}$
24973	648	460	$\frac{2}{23}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{460}^{2}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}\ \Phi_{23}\ \Phi_{20}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
24974	648	763	$\frac{10}{109}$	$\frac{1}{7}$	$\frac{19}{109}$	$\frac{33}{109}$	Φ_{763}
24975	648	647	$\frac{62}{647}$	$\frac{89}{647}$	$\frac{113}{647}$	$\frac{195}{647}$	$\Phi_{647}\ \Phi_{1}^{2}$
24976	648	730	$\frac{7}{73}$	$\frac{1}{10}$	$\frac{17}{73}$	$\frac{22}{73}$	$\Phi_{730}\ \Phi_{365}\ \Phi_{146}$
24977	648	815	$\frac{16}{163}$	$\frac{19}{163}$	$\frac{1}{5}$	$\frac{49}{163}$	Φ_{815}
24978	648	647	$\frac{62}{647}$	$\frac{65}{647}$	$\frac{151}{647}$	$\frac{194}{647}$	$\Phi_{647}\ \Phi_{1}^{2}$
24979	648	868	$\frac{19}{217}$	$\frac{22}{217}$	$\frac{1}{4}$	$\frac{65}{217}$	$\Phi_{868}\ \Phi_{434}\ \Phi_{124}\ \Phi_{62}\ \Phi_{28}\ \Phi_{14}$
24980	648	647	$\frac{55}{647}$	$\frac{74}{647}$	$\frac{152}{647}$	$\frac{191}{647}$	$\Phi_{647}\ \Phi_{1}^{2}$
24981	648	868	$\frac{17}{217}$	$\frac{25}{217}$	$\frac{1}{4}$	$\frac{64}{217}$	$\Phi_{868}\ \Phi_{434}\ \Phi_{124}\ \Phi_{62}\ \Phi_{28}\ \Phi_{14}$
24982	648	884	$\frac{1}{13}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{884}\ \Phi_{442}\ \Phi_{52}^{2}\ \Phi_{26}^{2}$
24983	648	595	$\frac{3}{35}$	$\frac{2}{17}$	$\frac{8}{35}$	$\frac{5}{17}$	$\Phi_{595}\ \Phi_{119}\ \Phi_{85}\ \Phi_{35}^{2}\ \Phi_{17}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
24984	648	170	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{170}^{4}\ \Phi_{85}^{3}\ \Phi_{34}^{4}\ \Phi_{17}^{4}\ \Phi_{10}^{8}\ \Phi_{5}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
24985	648	119	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{5}{17}$	$\Phi_{119}^{5}\ \Phi_{17}^{6}\ \Phi_{7}^{10}\ \Phi_{1}^{12}$
24986	648	715	$\frac{1}{13}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{715}\ \Phi_{143}\ \Phi_{65}$
24987	648	647	$\frac{51}{647}$	$\frac{83}{647}$	$\frac{149}{647}$	$\frac{188}{647}$	$\Phi_{647}\ \Phi_{1}^{2}$
24988	648	730	$\frac{1}{10}$	$\frac{10}{73}$	$\frac{13}{73}$	$\frac{21}{73}$	$\Phi_{730}\ \Phi_{365}\ \Phi_{146}$
24989	648	647	$\frac{77}{647}$	$\frac{92}{647}$	$\frac{95}{647}$	$\frac{185}{647}$	$\Phi_{647}\ \Phi_{1}^{2}$
24990	648	308	$\frac{5}{77}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{308}^{3}\ \Phi_{154}^{3}\ \Phi_{44}^{3}\ \Phi_{28}\ \Phi_{22}^{3}\ \Phi_{14}$
24991	648	763	$\frac{13}{109}$	$\frac{1}{7}$	$\frac{16}{109}$	$\frac{31}{109}$	Φ_{763}
24992	648	647	$\frac{59}{647}$	$\frac{98}{647}$	$\frac{116}{647}$	$\frac{183}{647}$	$\Phi_{647}\ \Phi_{1}^{2}$
24993	648	815	$\frac{13}{163}$	$\frac{25}{163}$	$\frac{1}{5}$	$\frac{46}{163}$	Φ_{815}
24994	648	647	$\frac{41}{647}$	$\frac{101}{647}$	$\frac{155}{647}$	$\frac{182}{647}$	$\Phi_{647}\ \Phi_{1}^{2}$
24995	648	868	$\frac{13}{217}$	$\frac{34}{217}$	$\frac{1}{4}$	$\frac{61}{217}$	$\Phi_{868}\ \Phi_{434}\ \Phi_{124}\ \Phi_{62}\ \Phi_{28}\ \Phi_{14}$
24996	648	325	$\frac{1}{13}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{325}^{2}\ \Phi_{65}^{3}\ \Phi_{13}^{2}$
24997	648	836	$\frac{1}{19}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{836}\ \Phi_{418}\ \Phi_{76}^{2}\ \Phi_{38}^{2}$
24998	648	583	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{583}\ \Phi_{53}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
24999	648	770	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{770}\ \Phi_{385}\ \Phi_{154}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{14}^{2}$
25000	648	703	$\frac{1}{19}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	Φ_{703}
25001	648	647	$\frac{53}{647}$	$\frac{99}{647}$	$\frac{137}{647}$	$\frac{170}{647}$	$\Phi_{647}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
25002	648	730	$\frac{1}{10}$	$\frac{9}{73}$	$\frac{16}{73}$	$\frac{19}{73}$	$\Phi_{730}\ \Phi_{365}\ \Phi_{146}$
25003	648	647	$\frac{63}{647}$	$\frac{80}{647}$	$\frac{146}{647}$	$\frac{167}{647}$	$\Phi_{647}\ \Phi_{1}^{2}$
25004	648	763	$\frac{9}{109}$	$\frac{1}{7}$	$\frac{25}{109}$	$\frac{28}{109}$	Φ_{763}
25005	648	647	$\frac{27}{647}$	$\frac{155}{647}$	$\frac{161}{647}$	$\frac{164}{647}$	$\Phi_{647}\ \Phi_{1}^{2}$
25006	648	868	$\frac{9}{217}$	$\frac{52}{217}$	$\frac{1}{4}$	$\frac{55}{217}$	$\Phi_{868}\ \Phi_{434}\ \Phi_{124}\ \Phi_{62}\ \Phi_{28}\ \Phi_{14}$
25007	648	100	$\frac{1}{25}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{100}^{7}\ \Phi_{50}^{7}\ \Phi_{25}^{6}\ \Phi_{20}^{7}\ \Phi_{10}^{7}\ \Phi_{5}^{6}$
25008	648	284	$\frac{3}{71}$	$\frac{17}{71}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{284}^{2}\ \Phi_{142}^{2}\ \Phi_{71}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
25009	648	380	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{380}^{2}\ \Phi_{190}^{2}\ \Phi_{95}^{3}$
25010	648	284	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{284}^{2}\ \Phi_{142}^{2}\ \Phi_{71}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
25011	648	364	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{364}^{2}\ \Phi_{182}^{2}\ \Phi_{91}^{3}$
25012	648	284	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{284}^{2}\ \Phi_{142}^{2}\ \Phi_{71}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
25013	648	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{180}^{4}\ \Phi_{90}^{5}\ \Phi_{60}^{4}\ \Phi_{45}^{5}\ \Phi_{36}^{2}\ \Phi_{30}^{5}\ \Phi_{18}^{3}\ \Phi_{15}^{5}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
25014	648	140	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{8}{35}$	$\frac{1}{4}$	$\Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{28}^{7}\ \Phi_{20}^{6}\ \Phi_{14}^{7}\ \Phi_{10}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
25015	648	124	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{7}{31}$	$\frac{1}{4}$	$\Phi_{124}^{7}\ \Phi_{62}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
25016	648	460	$\frac{1}{10}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{460}^{2}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}\ \Phi_{23}\ \Phi_{20}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
25017	648	868	$\frac{19}{217}$	$\frac{33}{217}$	$\frac{46}{217}$	$\frac{1}{4}$	$\Phi_{868}\ \Phi_{434}\ \Phi_{124}\ \Phi_{62}\ \Phi_{28}\ \Phi_{14}$
25018	648	1060	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1060}\ \Phi_{530}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
25019	648	140	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^{7}\ \Phi_{70}^{3}\ \Phi_{35}^{4}\ \Phi_{28}^{8}\ \Phi_{14}^{4}\ \Phi_{7}^{4}$
25020	648	980	$\frac{29}{245}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{196}\ \Phi_{98}\ \Phi_{28}\ \Phi_{14}$
25021	648	28	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{28}^{31}\ \Phi_{14}^{31}\ \Phi_{4}^{30}\ \Phi_{2}^{30}$
25022	649	1152	$\frac{1}{72}$	$\frac{73}{576}$	$\frac{503}{1152}$	$\frac{71}{144}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{144}\ \Phi_{128}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
25023	649	864	$\frac{1}{72}$	$\frac{215}{864}$	$\frac{73}{288}$	$\frac{71}{144}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
25024	649	1280	$\frac{9}{640}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{631}{1280}$	$\Phi_{1280}\ \Phi_{256}\ \Phi_{16}\ \Phi_{1}$
25025	649	580	$\frac{1}{58}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{57}{116}$	$\Phi_{290}^{2}\ \Phi_{145}^{2}\ \Phi_{116}\ \Phi_{58}^{2}\ \Phi_{29}^{2}\ \Phi_{20}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
25026	649	1740	$\frac{1}{58}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{57}{116}$	$\Phi_{1740}\ \Phi_{348}\ \Phi_{116}\ \Phi_{60}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
25027	649	744	$\frac{2}{93}$	$\frac{95}{744}$	$\frac{1}{3}$	$\frac{91}{186}$	$\Phi_{744}\ \Phi_{372}\ \Phi_{248}\ \Phi_{124}\ \Phi_{93}\ \Phi_{31}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
25028	649	1260	$\frac{19}{630}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{611}{1260}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
25029	649	228	$\frac{2}{57}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{228}^{3}\ \Phi_{114}^{2}\ \Phi_{76}^{3}\ \Phi_{57}^{3}\ \Phi_{38}^{2}\ \Phi_{19}^{3}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
25030	649	1248	$\frac{25}{624}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{599}{1248}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
25031	649	63	$\frac{1}{21}$	$\frac{4}{63}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{63}^{11}\ \Phi_{21}^{9}\ \Phi_{9}^{11}\ \Phi_{7}^{9}\ \Phi_{3}^{8}\ \Phi_{1}^{9}$
25032	649	240	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{240}^{4}\ \Phi_{80}^{3}\ \Phi_{60}^{4}\ \Phi_{48}^{4}\ \Phi_{30}^{4}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
25033	649	336	$\frac{3}{56}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{336}^{4}\ \Phi_{112}^{3}\ \Phi_{48}^{4}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
25034	649	660	$\frac{4}{55}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}^{2}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{11}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
25035	649	1200	$\frac{49}{600}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{551}{1200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
25036	649	72	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{72}^{11}\ \Phi_{36}^{11}\ \Phi_{18}^{11}\ \Phi_{12}^{10}\ \Phi_{9}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
25037	649	81	$\frac{4}{81}$	$\frac{7}{81}$	$\frac{22}{81}$	$\frac{37}{81}$	$\Phi_{81}^{8}\ \Phi_{27}^{8}\ \Phi_{9}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{9}$
25038	649	108	$\frac{1}{12}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{108}^{5}\ \Phi_{54}^{6}\ \Phi_{36}^{5}\ \Phi_{27}^{6}\ \Phi_{18}^{6}\ \Phi_{12}^{10}\ \Phi_{9}^{6}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
25039	649	672	$\frac{23}{672}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
25040	649	1740	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{28}{87}$	$\frac{9}{20}$	$\Phi_{1740}\ \Phi_{348}\ \Phi_{87}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
25041	649	960	$\frac{9}{320}$	$\frac{1}{8}$	$\frac{311}{960}$	$\frac{7}{16}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
25042	649	672	$\frac{23}{672}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
25043	649	800	$\frac{9}{160}$	$\frac{1}{8}$	$\frac{151}{800}$	$\frac{7}{16}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_{1}$
25044	649	768	$\frac{9}{128}$	$\frac{1}{8}$	$\frac{119}{768}$	$\frac{7}{16}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
25045	649	64	$\frac{5}{64}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{64}^{10}\ \Phi_{32}^{10}\ \Phi_{16}^{11}\ \Phi_{8}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
25046	649	720	$\frac{71}{720}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
25047	649	1152	$\frac{1}{24}$	$\frac{73}{576}$	$\frac{23}{96}$	$\frac{503}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
25048	649	1116	$\frac{2}{93}$	$\frac{91}{558}$	$\frac{1}{3}$	$\frac{467}{1116}$	$\Phi_{1116}\ \Phi_{372}\ \Phi_{124}\ \Phi_{93}\ \Phi_{36}\ \Phi_{31}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
25049	649	300	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{300}^{2}\ \Phi_{150}^{2}\ \Phi_{100}\ \Phi_{75}^{2}\ \Phi_{60}^{4}\ \Phi_{50}^{2}\ \Phi_{30}^{4}\ \Phi_{25}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
25050	649	720	$\frac{1}{12}$	$\frac{71}{720}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
25051	649	810	$\frac{1}{27}$	$\frac{26}{135}$	$\frac{161}{810}$	$\frac{109}{270}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{162}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
25052	649	1080	$\frac{1}{27}$	$\frac{26}{135}$	$\frac{109}{540}$	$\frac{431}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
25053	649	180	$\frac{1}{60}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{180}^{3}\ \Phi_{90}^{3}\ \Phi_{60}^{5}\ \Phi_{45}^{3}\ \Phi_{36}^{3}\ \Phi_{30}^{5}\ \Phi_{20}^{5}\ \Phi_{18}^{2}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
25054	649	96	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{96}^{11}\ \Phi_{32}^{11}\ \Phi_{12}^{10}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
25055	649	768	$\frac{1}{24}$	$\frac{119}{768}$	$\frac{23}{96}$	$\frac{73}{192}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
25056	649	240	$\frac{1}{60}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{240}^{4}\ \Phi_{80}^{4}\ \Phi_{60}^{3}\ \Phi_{48}^{4}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
25057	649	192	$\frac{5}{64}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{192}^{4}\ \Phi_{96}^{4}\ \Phi_{64}^{3}\ \Phi_{48}^{4}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
25058	649	1008	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{145}{504}$	$\frac{359}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
25059	649	180	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{180}^{3}\ \Phi_{90}^{2}\ \Phi_{60}^{6}\ \Phi_{45}^{3}\ \Phi_{36}^{3}\ \Phi_{30}^{5}\ \Phi_{20}^{6}\ \Phi_{18}^{2}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
25060	649	972	$\frac{1}{81}$	$\frac{80}{243}$	$\frac{323}{972}$	$\frac{163}{486}$	$\Phi_{972}\ \Phi_{324}\ \Phi_{243}\ \Phi_{108}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
25061	649	837	$\frac{2}{93}$	$\frac{188}{837}$	$\frac{91}{279}$	$\frac{1}{3}$	$\Phi_{837}\ \Phi_{93}\ \Phi_{31}\ \Phi_{27}\ \Phi_{1}$
25062	649	945	$\frac{19}{315}$	$\frac{2}{21}$	$\frac{296}{945}$	$\frac{1}{3}$	$\Phi_{945}\ \Phi_{189}\ \Phi_{135}\ \Phi_{27}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
25063	649	63	$\frac{4}{63}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{63}^{10}\ \Phi_{21}^{11}\ \Phi_{9}^{10}\ \Phi_{7}^{11}\ \Phi_{3}^{10}\ \Phi_{1}^{11}$
25064	649	840	$\frac{19}{210}$	$\frac{2}{21}$	$\frac{191}{840}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
25065	649	735	$\frac{2}{21}$	$\frac{86}{735}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}\ \Phi_{49}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
25066	649	756	$\frac{2}{21}$	$\frac{107}{756}$	$\frac{19}{126}$	$\frac{1}{3}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{54}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
25067	649	435	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{28}{87}$	$\Phi_{435}\ \Phi_{145}^{2}\ \Phi_{87}^{2}\ \Phi_{29}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
25068	649	84	$\frac{1}{12}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{84}^{7}\ \Phi_{42}^{7}\ \Phi_{28}^{8}\ \Phi_{21}^{7}\ \Phi_{14}^{8}\ \Phi_{12}^{10}\ \Phi_{7}^{8}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
25069	649	900	$\frac{1}{12}$	$\frac{49}{300}$	$\frac{11}{60}$	$\frac{251}{900}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{225}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
25070	649	72	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{72}^{11}\ \Phi_{36}^{5}\ \Phi_{24}^{11}\ \Phi_{18}^{6}\ \Phi_{12}^{10}\ \Phi_{9}^{6}\ \Phi_{8}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
25071	649	864	$\frac{1}{24}$	$\frac{23}{96}$	$\frac{215}{864}$	$\frac{73}{288}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
25072	650	1032	$\frac{1}{129}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{64}{129}$	$\Phi_{1032}\ \Phi_{344}\ \Phi_{129}\ \Phi_{43}\ \Phi_{24}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
25073	650	1152	$\frac{1}{64}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{63}{128}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
25074	650	384	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{63}{128}$	$\Phi_{384}^3\ \Phi_{128}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
25075	650	118	$\frac{1}{59}$	$\frac{6}{59}$	$\frac{53}{118}$	$\frac{29}{59}$	$\Phi_{118}^{10}\ \Phi_{59}\ \Phi_2^{10}\ \Phi_1^2$
25076	650	638	$\frac{6}{319}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{313}{638}$	$\Phi_{638}^2\ \Phi_{58}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
25077	650	1176	$\frac{1}{49}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{24}{49}$	$\Phi_{1176}\ \Phi_{392}\ \Phi_{168}\ \Phi_{56}\ \Phi_{49}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
25078	650	735	$\frac{1}{49}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{105}\ \Phi_{49}\ \Phi_{35}\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
25079	650	882	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{24}{49}$	$\Phi_{882}\ \Phi_{441}\ \Phi_{126}\ \Phi_{63}\ \Phi_{49}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
25080	650	784	$\frac{1}{49}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{24}{49}$	$\Phi_{784}\ \Phi_{392}\ \Phi_{112}\ \Phi_{56}\ \Phi_{49}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
25081	650	1386	$\frac{2}{63}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{1386}\ \Phi_{462}\ \Phi_{198}\ \Phi_{154}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
25082	650	627	$\frac{23}{627}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{302}{627}$	$\Phi_{627}\ \Phi_{209}\ \Phi_{57}\ \Phi_{33}^2\ \Phi_{19}\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
25083	650	1200	$\frac{1}{25}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{12}{25}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{25}\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
25084	650	675	$\frac{1}{25}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{25}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
25085	650	900	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{12}{25}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{225}\ \Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{25}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
25086	650	700	$\frac{1}{25}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{25}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
25087	650	800	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{12}{25}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{160}\ \Phi_{80}\ \Phi_{32}^2\ \Phi_{25}\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
25088	650	150	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{12}{25}$	$\Phi_{150}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^5\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^8\ \Phi_5^5\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
25089	650	336	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{336}^4\ \Phi_{112}^4\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_6$
25090	650	240	$\frac{1}{24}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{240}^5\ \Phi_{80}^5\ \Phi_{48}^6\ \Phi_{16}^6\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
25091	650	88	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{88}^{10}\ \Phi_{22}^{10}\ \Phi_{11}^9\ \Phi_8^{10}\ \Phi_2^{10}\ \Phi_1^{10}$
25092	650	616	$\frac{17}{308}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{291}{616}$	$\Phi_{616}^2\ \Phi_{88}^2\ \Phi_{56}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
25093	650	238	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{238}^3\ \Phi_{119}^3\ \Phi_{34}\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
25094	650	649	$\frac{41}{649}$	$\frac{69}{649}$	$\frac{116}{649}$	$\frac{304}{649}$	$\Phi_{649}\ \Phi_{59}\ \Phi_{11}\ \Phi_1^2$
25095	650	786	$\frac{9}{131}$	$\frac{14}{131}$	$\frac{1}{6}$	$\frac{61}{131}$	$\Phi_{786}\ \Phi_{393}\ \Phi_{262}$
25096	650	121	$\frac{9}{121}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{56}{121}$	$\Phi_{121}^5\ \Phi_{11}^9\ \Phi_1^{10}$
25097	650	396	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{71}{396}$	$\frac{61}{132}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
25098	650	312	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{312}^4\ \Phi_{104}^4\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6$
25099	650	1176	$\frac{4}{49}$	$\frac{1}{12}$	$\frac{9}{49}$	$\frac{11}{24}$	$\Phi_{1176}\ \Phi_{392}\ \Phi_{168}\ \Phi_{56}\ \Phi_{49}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
25100	650	264	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{264}^5\ \Phi_{88}^5\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
25101	650	168	$\frac{1}{12}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{168}^7\ \Phi_{56}^7\ \Phi_{28}^2\ \Phi_{24}^8\ \Phi_{14}^2\ \Phi_8^8\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
25102	650	594	$\frac{1}{11}$	$\frac{28}{297}$	$\frac{5}{33}$	$\frac{269}{594}$	$\Phi_{594}^2\ \Phi_{198}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
25103	650	288	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{31}{96}$	$\frac{4}{9}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^3\ \Phi_{72}^2\ \Phi_{48}^3\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
25104	650	234	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{234}^3\ \Phi_{117}^3\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{18}\ \Phi_{13}^2\ \Phi_9^2\ \Phi_6\ \Phi_3^2\ \Phi_1^2$
25105	650	612	$\frac{3}{68}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
25106	650	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{4}{9}$	$\Phi_{144}^4\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{16}^8\ \Phi_{12}^4\ \Phi_9^5\ \Phi_8^8\ \Phi_6^4\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^{10}$
25107	650	126	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{126}^5\ \Phi_{63}^5\ \Phi_{42}^7\ \Phi_{21}^7\ \Phi_{18}^2\ \Phi_{14}^6\ \Phi_9^3\ \Phi_7^6\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
25108	650	72	$\frac{7}{72}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{72}^9\ \Phi_{36}^9\ \Phi_{24}^9\ \Phi_{18}^9\ \Phi_{12}^9\ \Phi_9^{10}\ \Phi_8^8\ \Phi_6^9\ \Phi_4^8\ \Phi_3^{10}\ \Phi_2^8\ \Phi_1^{10}$
25109	650	649	$\frac{29}{649}$	$\frac{105}{649}$	$\frac{124}{649}$	$\frac{272}{649}$	$\Phi_{649}\ \Phi_{59}\ \Phi_{11}\ \Phi_1^2$
25110	650	792	$\frac{1}{11}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
25111	650	238	$\frac{1}{14}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{238}^3\ \Phi_{119}^3\ \Phi_{34}^3\ \Phi_{14}^2\ \Phi_7^2\ \Phi_2^2$
25112	650	22	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{22}^{50}\ \Phi_{11}^9\ \Phi_2^{50}\ \Phi_1^{10}$
25113	650	59	$\frac{4}{59}$	$\frac{7}{59}$	$\frac{11}{59}$	$\frac{24}{59}$	$\Phi_{59}^{11}\ \Phi_1^{12}$
25114	650	786	$\frac{6}{131}$	$\frac{1}{6}$	$\frac{25}{131}$	$\frac{53}{131}$	$\Phi_{786}\ \Phi_{393}\ \Phi_{262}$
25115	650	531	$\frac{1}{59}$	$\frac{119}{531}$	$\frac{58}{177}$	$\frac{206}{531}$	$\Phi_{531}\ \Phi_{177}^2\ \Phi_{59}\ \Phi_9\ \Phi_3^2\ \Phi_1^2$
25116	650	352	$\frac{27}{352}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{352}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{32}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
25117	650	528	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{61}{264}$	$\frac{203}{528}$	$\Phi_{528}^2\ \Phi_{176}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
25118	650	472	$\frac{1}{59}$	$\frac{29}{118}$	$\frac{147}{472}$	$\frac{89}{236}$	$\Phi_{472}^2\ \Phi_{118}^2\ \Phi_{59}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
25119	650	264	$\frac{1}{66}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{264}^4\ \Phi_{88}^4\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
25120	650	344	$\frac{1}{43}$	$\frac{21}{86}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{344}^3\ \Phi_{86}^2\ \Phi_{43}\ \Phi_8^4\ \Phi_2^2\ \Phi_1^2$
25121	650	1032	$\frac{4}{129}$	$\frac{25}{129}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1032}\ \Phi_{344}\ \Phi_{129}\ \Phi_{43}\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
25122	650	216	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^5\ \Phi_{72}^5\ \Phi_{54}^3\ \Phi_{27}^2\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_9^2\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
25123	650	344	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{344}^3\ \Phi_{43}^3\ \Phi_8^4\ \Phi_1^4$
25124	650	616	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}^2\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{22}$
25125	650	99	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{31}{99}$	$\frac{34}{99}$	$\Phi_{99}^5\ \Phi_{33}^{10}\ \Phi_{11}^9\ \Phi_9^5\ \Phi_3^{10}\ \Phi_1^{10}$
25126	650	390	$\frac{1}{26}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6$
25127	650	378	$\frac{1}{14}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_6$
25128	650	96	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{31}{96}$	$\frac{1}{3}$	$\Phi_{96}^7\ \Phi_{48}^7\ \Phi_{32}^6\ \Phi_{24}^7\ \Phi_{16}^6\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^9\ \Phi_4^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
25129	650	252	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{63}^4\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6$
25130	650	234	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{234}^4\ \Phi_{117}^4\ \Phi_{78}\ \Phi_{39}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6$
25131	650	624	$\frac{1}{26}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_6$
25132	650	204	$\frac{3}{68}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^3\ \Phi_{102}^3\ \Phi_{68}^4\ \Phi_{51}^3\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
25133	650	84	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^{11}\ \Phi_{42}^{12}\ \Phi_{21}^{12}\ \Phi_{12}^{12}\ \Phi_6^{13}\ \Phi_3^{12}$
25134	650	924	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{154}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
25135	650	792	$\frac{1}{11}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
25136	650	672	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{96}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
25137	650	135	$\frac{2}{27}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{135}^5\ \Phi_{45}^5\ \Phi_{27}^6\ \Phi_{15}^2\ \Phi_9^6\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
25138	650	48	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{3}$	$\Phi_{48}^{12}\ \Phi_{24}^{12}\ \Phi_{16}^{16}\ \Phi_{12}^{12}\ \Phi_8^{16}\ \Phi_6^{14}\ \Phi_4^{16}\ \Phi_3^{13}\ \Phi_2^{18}\ \Phi_1^{18}$
25139	650	978	$\frac{21}{326}$	$\frac{53}{326}$	$\frac{61}{326}$	$\frac{1}{3}$	$\Phi_{978}\ \Phi_{489}\ \Phi_6$
25140	650	735	$\frac{4}{49}$	$\frac{2}{15}$	$\frac{9}{49}$	$\frac{1}{3}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{105}\ \Phi_{49}\ \Phi_{35}\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
25141	650	42	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{42}^{17}\ \Phi_{21}^{17}\ \Phi_{14}^{16}\ \Phi_7^{16}\ \Phi_6^9\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
25142	650	330	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{330}^3\ \Phi_{165}^2\ \Phi_{110}^3\ \Phi_{66}\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{22}$
25143	650	72	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{72}^{10}\ \Phi_{36}^{10}\ \Phi_{24}^7\ \Phi_{18}^{10}\ \Phi_{12}^7\ \Phi_9^{10}\ \Phi_8^6\ \Phi_6^9\ \Phi_4^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
25144	650	420	$\frac{3}{28}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
25145	650	180	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{180}^5\ \Phi_{90}^5\ \Phi_{45}^5\ \Phi_{36}^6\ \Phi_{18}^6\ \Phi_{15}^2\ \Phi_9^6\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
25146	650	462	$\frac{1}{11}$	$\frac{17}{154}$	$\frac{5}{22}$	$\frac{137}{462}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
25147	650	396	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{71}{396}$	$\frac{28}{99}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
25148	650	882	$\frac{4}{49}$	$\frac{1}{6}$	$\frac{9}{49}$	$\frac{5}{18}$	$\Phi_{882}\ \Phi_{441}\ \Phi_{126}\ \Phi_{63}\ \Phi_{49}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
25149	650	198	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{198}^{5}\ \Phi_{99}^{5}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
25150	650	252	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{252}^{4}\ \Phi_{126}^{3}\ \Phi_{63}^{3}\ \Phi_{36}^{4}\ \Phi_{28}^{2}\ \Phi_{18}^{4}\ \Phi_{14}^{2}\ \Phi_{9}^{4}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
25151	650	420	$\frac{3}{28}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{140}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{70}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
25152	650	784	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{784}\ \Phi_{392}\ \Phi_{112}\ \Phi_{56}\ \Phi_{49}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
25153	650	528	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{528}^{2}\ \Phi_{264}^{2}\ \Phi_{176}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
25154	650	112	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{112}^{7}\ \Phi_{56}^{7}\ \Phi_{28}^{2}\ \Phi_{16}^{8}\ \Phi_{14}^{2}\ \Phi_{8}^{8}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
25155	650	480	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{480}^{2}\ \Phi_{240}^{2}\ \Phi_{160}\ \Phi_{96}^{2}\ \Phi_{80}\ \Phi_{48}^{2}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
25156	650	30	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{30}^{20}\ \Phi_{15}^{22}\ \Phi_{10}^{20}\ \Phi_{6}^{24}\ \Phi_{5}^{21}\ \Phi_{3}^{26}\ \Phi_{2}^{24}\ \Phi_{1}^{26}$
25157	651	1040	$\frac{1}{130}$	$\frac{131}{520}$	$\frac{389}{1040}$	$\frac{129}{260}$	$\Phi_{1040}\ \Phi_{260}\ \Phi_{208}\ \Phi_{80}\ \Phi_{52}\ \Phi_{20}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
25158	651	552	$\frac{1}{92}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{91}{184}$	$\Phi_{552}^{2}\ \Phi_{184}^{3}\ \Phi_{24}^{2}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
25159	651	1656	$\frac{1}{92}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{91}{184}$	$\Phi_{1656}\ \Phi_{184}\ \Phi_{72}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
25160	651	1280	$\frac{11}{640}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{629}{1280}$	$\Phi_{1280}\ \Phi_{256}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
25161	651	400	$\frac{1}{50}$	$\frac{17}{200}$	$\frac{183}{400}$	$\frac{49}{100}$	$\Phi_{400}^{3}\ \Phi_{100}\ \Phi_{80}^{3}\ \Phi_{20}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
25162	651	300	$\frac{1}{50}$	$\frac{17}{100}$	$\frac{83}{300}$	$\frac{49}{100}$	$\Phi_{300}^{3}\ \Phi_{150}^{3}\ \Phi_{100}\ \Phi_{75}^{3}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{20}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
25163	651	800	$\frac{1}{50}$	$\frac{149}{800}$	$\frac{51}{200}$	$\frac{49}{100}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
25164	651	120	$\frac{1}{30}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{29}{60}$	$\Phi_{120}^{10}\ \Phi_{60}\ \Phi_{40}^{11}\ \Phi_{24}^{10}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}^{11}\ \Phi_{4}\ \Phi_{1}$
25165	651	60	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{29}{60}$	$\Phi_{60}^{21}\ \Phi_{20}^{21}\ \Phi_{12}^{21}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{21}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
25166	651	120	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{120}^{6}\ \Phi_{60}^{5}\ \Phi_{40}^{6}\ \Phi_{30}^{4}\ \Phi_{24}^{6}\ \Phi_{20}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{4}\ \Phi_{8}^{9}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{7}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
25167	651	300	$\frac{1}{30}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{29}{60}$	$\Phi_{300}^{5}\ \Phi_{100}^{5}\ \Phi_{60}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
25168	651	416	$\frac{1}{26}$	$\frac{9}{208}$	$\frac{199}{416}$	$\frac{25}{52}$	$\Phi_{416}^{3}\ \Phi_{52}\ \Phi_{32}^{3}\ \Phi_{4}\ \Phi_{1}$
25169	651	312	$\frac{1}{26}$	$\frac{9}{104}$	$\frac{95}{312}$	$\frac{25}{52}$	$\Phi_{312}^{3}\ \Phi_{156}^{3}\ \Phi_{78}^{3}\ \Phi_{52}\ \Phi_{39}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
25170	651	104	$\frac{1}{26}$	$\frac{11}{104}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{104}^{6}\ \Phi_{52}^{7}\ \Phi_{26}^{6}\ \Phi_{13}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
25171	651	832	$\frac{1}{26}$	$\frac{27}{208}$	$\frac{181}{832}$	$\frac{25}{52}$	$\Phi_{832}\ \Phi_{416}\ \Phi_{64}\ \Phi_{52}\ \Phi_{32}\ \Phi_{4}\ \Phi_{1}$
25172	651	260	$\frac{1}{26}$	$\frac{43}{260}$	$\frac{9}{52}$	$\frac{25}{52}$	$\Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{65}^{3}\ \Phi_{52}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
25173	651	880	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{229}{880}$	$\frac{211}{440}$	$\Phi_{880}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{16}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
25174	651	416	$\frac{9}{208}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{199}{416}$	$\Phi_{416}^{3}\ \Phi_{32}^{3}\ \Phi_{13}^{2}\ \Phi_{1}^{3}$
25175	651	1320	$\frac{1}{20}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{88}\ \Phi_{40}\ \Phi_{33}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
25176	651	360	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{19}{40}$	$\Phi_{360}^{5}\ \Phi_{72}^{5}\ \Phi_{45}\ \Phi_{40}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
25177	651	40	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{19}{40}$	$\Phi_{40}^{12}\ \Phi_{20}^{21}\ \Phi_{10}^{20}\ \Phi_{8}^{12}\ \Phi_{5}^{20}\ \Phi_{4}^{21}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
25178	651	280	$\frac{1}{20}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{280}^{5}\ \Phi_{56}^{5}\ \Phi_{40}\ \Phi_{35}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
25179	651	360	$\frac{1}{20}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{360}^{4}\ \Phi_{120}^{2}\ \Phi_{72}^{4}\ \Phi_{40}^{3}\ \Phi_{36}\ \Phi_{24}^{2}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
25180	651	884	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{233}{884}$	$\frac{209}{442}$	$\Phi_{884}\ \Phi_{221}\ \Phi_{68}\ \Phi_{52}\ \Phi_{17}\ \Phi_{4}\ \Phi_{1}$
25181	651	91	$\frac{4}{91}$	$\frac{1}{13}$	$\frac{29}{91}$	$\frac{6}{13}$	$\Phi_{91}^{7}\ \Phi_{13}^{8}\ \Phi_{7}^{7}\ \Phi_{1}^{9}$
25182	651	400	$\frac{1}{25}$	$\frac{17}{200}$	$\frac{8}{25}$	$\frac{183}{400}$	$\Phi_{400}^{3}\ \Phi_{80}^{3}\ \Phi_{25}^{2}\ \Phi_{16}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
25183	651	400	$\frac{17}{200}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{183}{400}$	$\Phi_{400}^{3}\ \Phi_{80}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
25184	651	320	$\frac{11}{320}$	$\frac{1}{10}$	$\frac{103}{320}$	$\frac{9}{20}$	$\Phi_{320}^{2}\ \Phi_{160}^{2}\ \Phi_{80}^{2}\ \Phi_{64}^{2}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{20}^{3}\ \Phi_{16}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
25185	651	680	$\frac{29}{680}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
25186	651	800	$\frac{11}{160}$	$\frac{1}{10}$	$\frac{149}{800}$	$\frac{9}{20}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
25187	651	240	$\frac{23}{240}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^2\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
25188	651	300	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{83}{300}$	$\frac{67}{150}$	$\Phi_{300}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_5^2\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
25189	651	616	$\frac{1}{22}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{616}^2\ \Phi_{88}^2\ \Phi_{56}\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
25190	651	240	$\frac{23}{240}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
25191	651	276	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{15}{46}$	$\frac{5}{12}$	$\Phi_{276}^4\ \Phi_{92}^4\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{12}^5\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
25192	651	96	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{96}^6\ \Phi_{48}^6\ \Phi_{32}^9\ \Phi_{24}^6\ \Phi_{16}^9\ \Phi_{12}^5\ \Phi_8^9\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
25193	651	1380	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{22}{115}$	$\frac{5}{12}$	$\Phi_{1380}\ \Phi_{460}\ \Phi_{115}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
25194	651	1100	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{550}$	$\frac{449}{1100}$	$\Phi_{1100}\ \Phi_{220}\ \Phi_{110}\ \Phi_{100}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_4\ \Phi_1$
25195	651	528	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{528}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
25196	651	234	$\frac{17}{234}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{234}^3\ \Phi_{117}^3\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{18}^3\ \Phi_{13}^2\ \Phi_9^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
25197	651	250	$\frac{1}{25}$	$\frac{33}{250}$	$\frac{8}{25}$	$\frac{17}{50}$	$\Phi_{250}^3\ \Phi_{125}^3\ \Phi_{25}^2\ \Phi_5^2\ \Phi_1^3$
25198	651	414	$\frac{1}{46}$	$\frac{2}{9}$	$\frac{15}{46}$	$\frac{1}{3}$	$\Phi_{414}^2\ \Phi_{207}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{18}^2\ \Phi_9^3\ \Phi_2^2\ \Phi_1^3$
25199	651	330	$\frac{2}{33}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
25200	651	288	$\frac{1}{32}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{72}^3\ \Phi_{36}^2\ \Phi_{32}^3\ \Phi_{18}^2\ \Phi_{16}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
25201	651	264	$\frac{2}{33}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{264}^3\ \Phi_{132}^2\ \Phi_{88}^3\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{11}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
25202	651	1035	$\frac{1}{23}$	$\frac{22}{115}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1035}\ \Phi_{115}\ \Phi_{45}\ \Phi_9\ \Phi_5\ \Phi_1$
25203	651	825	$\frac{2}{33}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{33}\ \Phi_{25}\ \Phi_{11}\ \Phi_1$
25204	651	300	$\frac{1}{25}$	$\frac{17}{100}$	$\frac{83}{300}$	$\frac{8}{25}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_5^2\ \Phi_3^3\ \Phi_1^3$
25205	651	90	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{14}{45}$	$\Phi_{90}^{10}\ \Phi_{45}^{11}\ \Phi_{18}^{10}\ \Phi_{10}^2\ \Phi_9^{11}\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
25206	651	360	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{360}^3\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{72}^3\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
25207	651	225	$\frac{1}{15}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{14}{45}$	$\Phi_{225}^5\ \Phi_{45}\ \Phi_{25}\ \Phi_9\ \Phi_1$
25208	651	312	$\frac{1}{13}$	$\frac{9}{104}$	$\frac{95}{312}$	$\frac{4}{13}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{24}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
25209	651	260	$\frac{1}{13}$	$\frac{43}{260}$	$\frac{9}{52}$	$\frac{4}{13}$	$\Phi_{260}^3\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{20}^3\ \Phi_{13}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1^3$
25210	651	240	$\frac{23}{240}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
25211	651	40	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{3}{10}$	$\Phi_{40}^{21}\ \Phi_{20}^{21}\ \Phi_{10}^2\ \Phi_8^{21}\ \Phi_5^2\ \Phi_4^{21}\ \Phi_2^2\ \Phi_1^3$
25212	651	70	$\frac{1}{10}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{70}^{10}\ \Phi_{35}^{11}\ \Phi_{14}^{10}\ \Phi_{10}^2\ \Phi_7^{11}\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
25213	651	180	$\frac{1}{10}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{36}^5\ \Phi_{20}^4\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_9^5\ \Phi_5^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
25214	651	300	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{83}{300}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
25215	651	40	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{40}^{15}\ \Phi_{20}^{17}\ \Phi_{10}^{16}\ \Phi_8^{18}\ \Phi_5^{16}\ \Phi_4^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
25216	651	280	$\frac{4}{35}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{280}^3\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
25217	651	72	$\frac{1}{8}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{72}^{12}\ \Phi_{36}^9\ \Phi_{24}^6\ \Phi_{18}^9\ \Phi_{12}^5\ \Phi_9^9\ \Phi_8^9\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
25218	651	200	$\frac{1}{10}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{9}{40}$	$\Phi_{200}^5\ \Phi_{100}^5\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
25219	651	175	$\frac{4}{35}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{175}^5\ \Phi_{35}\ \Phi_{25}\ \Phi_7\ \Phi_1$
25220	651	75	$\frac{2}{15}$	$\frac{4}{25}$	$\frac{13}{75}$	$\frac{1}{5}$	$\Phi_{75}^8\ \Phi_{25}^9\ \Phi_{15}^{10}\ \Phi_5^{10}\ \Phi_3^{10}\ \Phi_1^{11}$
25221	651	900	$\frac{5}{36}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{100}\ \Phi_{36}\ \Phi_{25}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
25222	652	324	$\frac{1}{162}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{161}{324}$	$\Phi_{324}^4\ \Phi_{108}^4\ \Phi_{36}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
25223	652	654	$\frac{1}{109}$	$\frac{55}{218}$	$\frac{1}{3}$	$\frac{54}{109}$	$\Phi_{654}^2\ \Phi_{327}\ \Phi_6^2$
25224	652	279	$\frac{1}{93}$	$\frac{47}{279}$	$\frac{116}{279}$	$\frac{46}{93}$	$\Phi_{279}^2\ \Phi_{93}^3\ \Phi_{31}^3\ \Phi_9^2\ \Phi_3^3\ \Phi_1^4$
25225	652	322	$\frac{2}{161}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{159}{322}$	$\Phi_{322}^4\ \Phi_{46}^4\ \Phi_{14}^4\ \Phi_7\ \Phi_2^4\ \Phi_1^2$
25226	652	320	$\frac{3}{160}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{157}{320}$	$\Phi_{320}^4\ \Phi_{64}^4\ \Phi_{20}\ \Phi_{10}$
25227	652	310	$\frac{1}{31}$	$\frac{8}{155}$	$\frac{147}{310}$	$\frac{15}{31}$	$\Phi_{310}^4\ \Phi_{62}^4\ \Phi_{31}\ \Phi_{10}^4\ \Phi_2^4\ \Phi_1^2$
25228	652	465	$\frac{1}{31}$	$\frac{16}{155}$	$\frac{139}{465}$	$\frac{15}{31}$	$\Phi_{465}^2\ \Phi_{93}^2\ \Phi_{31}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
25229	652	186	$\frac{1}{31}$	$\frac{23}{186}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{186}^4\ \Phi_{93}^4\ \Phi_{62}^4\ \Phi_{31}\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^2$
25230	652	315	$\frac{11}{315}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{152}{315}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7^3\ \Phi_5^2\ \Phi_3^3\ \Phi_1^4$
25231	652	210	$\frac{1}{21}$	$\frac{11}{105}$	$\frac{47}{210}$	$\frac{10}{21}$	$\Phi_{210}^4\ \Phi_{105}^2\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^3\ \Phi_6^4\ \Phi_5^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
25232	652	189	$\frac{1}{21}$	$\frac{26}{189}$	$\frac{11}{63}$	$\frac{10}{21}$	$\Phi_{189}^4\ \Phi_{63}^2\ \Phi_{27}^4\ \Phi_{21}^3\ \Phi_9^2\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
25233	652	310	$\frac{8}{155}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{147}{310}$	$\Phi_{310}^4\ \Phi_{62}^4\ \Phi_{31}\ \Phi_{10}^4\ \Phi_2^4\ \Phi_1^2$
25234	652	294	$\frac{1}{21}$	$\frac{16}{147}$	$\frac{5}{21}$	$\frac{131}{294}$	$\Phi_{294}^4\ \Phi_{98}^4\ \Phi_{42}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
25235	652	483	$\frac{4}{161}$	$\frac{1}{7}$	$\frac{157}{483}$	$\frac{3}{7}$	$\Phi_{483}^2\ \Phi_{69}^2\ \Phi_{21}^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
25236	652	168	$\frac{5}{168}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{168}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_7\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^2$
25237	652	840	$\frac{5}{168}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
25238	652	252	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{37}{126}$	$\frac{89}{252}$	$\Phi_{252}^4\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_7^3\ \Phi_6^4\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
25239	652	1230	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{40}{123}$	$\frac{83}{246}$	$\Phi_{1230}\ \Phi_{410}\ \Phi_{205}\ \Phi_{30}\ \Phi_{10}$
25240	652	165	$\frac{2}{165}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}^4\ \Phi_{55}^4\ \Phi_{33}^4\ \Phi_{15}^4\ \Phi_{11}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
25241	652	243	$\frac{1}{81}$	$\frac{80}{243}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{243}^4\ \Phi_3\ \Phi_1^2$
25242	652	216	$\frac{1}{54}$	$\frac{53}{216}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{216}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
25243	652	333	$\frac{7}{333}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{333}^2\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_3\ \Phi_1^2$
25244	652	405	$\frac{2}{81}$	$\frac{79}{405}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{405}^2\ \Phi_{135}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
25245	652	168	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{168}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
25246	652	189	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{189}^4\ \Phi_{63}^4\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
25247	652	171	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{171}^4\ \Phi_{57}^4\ \Phi_{19}^4\ \Phi_3\ \Phi_1^2$
25248	652	180	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
25249	652	351	$\frac{25}{351}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{351}^2\ \Phi_{117}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
25250	652	240	$\frac{3}{80}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{77}{240}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^4\ \Phi_3^4$
25251	652	186	$\frac{3}{31}$	$\frac{23}{186}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{186}^4\ \Phi_{93}^4\ \Phi_{62}^4\ \Phi_{31}\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^2$
25252	652	880	$\frac{13}{176}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{20}\ \Phi_{10}$
25253	652	200	$\frac{3}{40}$	$\frac{37}{200}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{200}^4\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{20}\ \Phi_{10}$
25254	652	960	$\frac{3}{32}$	$\frac{29}{192}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
25255	652	180	$\frac{17}{180}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}\ \Phi_9^4\ \Phi_6^4\ \Phi_3^4$
25256	653	1296	$\frac{5}{648}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{643}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
25257	653	1280	$\frac{13}{640}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{627}{1280}$	$\Phi_{1280}\ \Phi_{256}\ \Phi_{16}\ \Phi_8\ \Phi_1$
25258	653	672	$\frac{19}{672}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
25259	653	864	$\frac{5}{216}$	$\frac{211}{864}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
25260	653	672	$\frac{19}{672}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
25261	653	720	$\frac{5}{72}$	$\frac{67}{720}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
25262	653	984	$\frac{3}{164}$	$\frac{1}{4}$	$\frac{161}{492}$	$\frac{331}{984}$	$\Phi_{984}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}\ \Phi_{41}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
25263	653	960	$\frac{13}{320}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{307}{960}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
25264	653	704	$\frac{51}{704}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
25265	653	800	$\frac{13}{160}$	$\frac{147}{800}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
25266	653	720	$\frac{67}{720}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
25267	653	768	$\frac{13}{128}$	$\frac{115}{768}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
25268	654	1080	$\frac{1}{108}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{107}{216}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}^2\ \Phi_{120}\ \Phi_{72}^2\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{1}^2$
25269	654	216	$\frac{1}{108}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{107}{216}$	$\Phi_{216}^6\ \Phi_{72}^6\ \Phi_{24}^6\ \Phi_{12}\ \Phi_{8}^6\ \Phi_{6}$
25270	654	292	$\frac{1}{73}$	$\frac{1}{4}$	$\frac{37}{146}$	$\frac{36}{73}$	$\Phi_{292}^3\ \Phi_{146}\ \Phi_{73}^2\ \Phi_{4}^2\ \Phi_{1}^2$
25271	654	1920	$\frac{7}{320}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{313}{640}$	$\Phi_{1920}\ \Phi_{384}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
25272	654	210	$\frac{4}{105}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{101}{210}$	$\Phi_{210}^6\ \Phi_{70}^6\ \Phi_{42}^6\ \Phi_{35}\ \Phi_{30}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_{6}^6\ \Phi_{2}^6$
25273	654	924	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{23}{132}$	$\frac{21}{44}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{84}\ \Phi_{77}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
25274	654	1400	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{91}{200}$	$\Phi_{1400}\ \Phi_{280}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{14}$
25275	654	840	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
25276	654	1386	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{7}$	$\frac{89}{198}$	$\Phi_{1386}\ \Phi_{462}\ \Phi_{154}\ \Phi_{126}\ \Phi_{77}\ \Phi_{42}\ \Phi_{14}$
25277	654	336	$\frac{3}{112}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{84}^3\ \Phi_{48}^2\ \Phi_{42}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{3}^2$
25278	654	1722	$\frac{1}{41}$	$\frac{40}{287}$	$\frac{1}{3}$	$\frac{247}{574}$	$\Phi_{1722}\ \Phi_{246}\ \Phi_{123}\ \Phi_{42}\ \Phi_{6}$
25279	654	555	$\frac{2}{111}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{555}\ \Phi_{185}\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_{5}\ \Phi_{1}^2$
25280	654	810	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{53}{162}$	$\frac{2}{5}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{5}\ \Phi_{1}^2$
25281	654	560	$\frac{3}{112}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}^2\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{5}\ \Phi_{1}^2$
25282	654	720	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{35}{144}$	$\frac{2}{5}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{144}^2\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{1}^2$
25283	654	135	$\frac{1}{27}$	$\frac{26}{135}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{135}^5\ \Phi_{45}^5\ \Phi_{27}^4\ \Phi_{15}^5\ \Phi_{9}^4\ \Phi_{5}^6\ \Phi_{3}^4\ \Phi_{1}^6$
25284	654	570	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{114}^2\ \Phi_{95}\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{5}\ \Phi_{1}^2$
25285	654	630	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{5}\ \Phi_{1}^2$
25286	654	585	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{117}^2\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_{5}\ \Phi_{1}^2$
25287	654	120	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{120}^6\ \Phi_{60}^5\ \Phi_{40}^6\ \Phi_{30}^5\ \Phi_{24}^6\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_{8}^6\ \Phi_{6}^4\ \Phi_{5}^6\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^6$
25288	654	1232	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{21}{88}$	$\frac{67}{176}$	$\Phi_{1232}\ \Phi_{154}\ \Phi_{112}\ \Phi_{77}\ \Phi_{14}$
25289	654	492	$\frac{1}{82}$	$\frac{27}{82}$	$\frac{1}{3}$	$\frac{55}{164}$	$\Phi_{492}^3\ \Phi_{246}\ \Phi_{123}\ \Phi_{12}^3\ \Phi_{6}$
25290	654	444	$\frac{2}{111}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{444}^2\ \Phi_{222}^2\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{12}\ \Phi_{6}$
25291	654	324	$\frac{1}{54}$	$\frac{1}{4}$	$\frac{53}{162}$	$\frac{1}{3}$	$\Phi_{324}^4\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{12}\ \Phi_{6}$
25292	654	480	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{51}{160}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{3}^2$
25293	654	123	$\frac{2}{41}$	$\frac{14}{123}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{123}^5\ \Phi_{41}^6\ \Phi_{3}^4\ \Phi_{1}^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
25294	654	336	$\frac{3}{112}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{84}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{12}\ \Phi_6$
25295	654	144	$\frac{1}{36}$	$\frac{35}{144}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{144}^6\ \Phi_{72}^6\ \Phi_{48}^6\ \Phi_{24}^6\ \Phi_{16}^6\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
25296	654	900	$\frac{7}{225}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
25297	654	540	$\frac{1}{27}$	$\frac{26}{135}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
25298	654	228	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^4\ \Phi_{114}^2\ \Phi_{76}^4\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{12}\ \Phi_6$
25299	654	252	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^4\ \Phi_{126}^2\ \Phi_{84}^4\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_6$
25300	654	468	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{12}\ \Phi_6$
25301	654	972	$\frac{2}{27}$	$\frac{25}{243}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{162}\ \Phi_{12}\ \Phi_6$
25302	654	120	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{40}^6\ \Phi_{30}^6\ \Phi_{24}^6\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{12}\ \Phi_{10}^6\ \Phi_8^6\ \Phi_6\ \Phi_5^6$
25303	654	1056	$\frac{25}{352}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
25304	654	1200	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{400}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
25305	654	120	$\frac{11}{120}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{120}^5\ \Phi_{60}^5\ \Phi_{40}^6\ \Phi_{30}^5\ \Phi_{24}^6\ \Phi_{20}^6\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_5^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
25306	654	384	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{19}{128}$	$\frac{1}{3}$	$\Phi_{384}^3\ \Phi_{192}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
25307	654	924	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{23}{132}$	$\frac{10}{33}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{154}\ \Phi_{84}\ \Phi_{77}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}$
25308	654	1050	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{50}$	$\frac{41}{150}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
25309	654	840	$\frac{11}{120}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
25310	654	140	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{31}{140}$	$\Phi_{140}^6\ \Phi_{70}^6\ \Phi_{35}\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_4^6\ \Phi_2^6$
25311	655	520	$\frac{1}{130}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{129}{260}$	$\Phi_{520}^2\ \Phi_{260}\ \Phi_{104}^2\ \Phi_{52}\ \Phi_{40}^2\ \Phi_{20}\ \Phi_8^3\ \Phi_4\ \Phi_1$
25312	655	876	$\frac{2}{219}$	$\frac{221}{876}$	$\frac{1}{3}$	$\frac{217}{438}$	$\Phi_{876}\ \Phi_{292}\ \Phi_{219}\ \Phi_{73}\ \Phi_{12}\ \Phi_4\ \Phi_1$
25313	655	1296	$\frac{7}{648}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{641}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
25314	655	1296	$\frac{7}{648}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{641}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_9\ \Phi_1$
25315	655	258	$\frac{2}{129}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{127}{258}$	$\Phi_{258}^2\ \Phi_{129}^3\ \Phi_{86}^2\ \Phi_{43}^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
25316	655	528	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{45}{176}$	$\frac{43}{88}$	$\Phi_{528}^2\ \Phi_{176}\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
25317	655	768	$\frac{3}{128}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{125}{256}$	$\Phi_{768}^2\ \Phi_{256}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
25318	655	792	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{137}{792}$	$\frac{127}{264}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_1$
25319	655	252	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{121}{252}$	$\Phi_{252}^5\ \Phi_{84}^5\ \Phi_{36}^5\ \Phi_{28}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
25320	655	726	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{111}{242}$	$\Phi_{726}\ \Phi_{363}\ \Phi_{121}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
25321	655	144	$\frac{1}{12}$	$\frac{13}{144}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{144}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
25322	655	240	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{6}$	$\frac{109}{240}$	$\Phi_{240}^5\ \Phi_{80}^5\ \Phi_{48}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
25323	655	1188	$\frac{5}{66}$	$\frac{61}{594}$	$\frac{1}{6}$	$\frac{533}{1188}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{132}\ \Phi_{108}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
25324	655	972	$\frac{7}{324}$	$\frac{1}{6}$	$\frac{317}{972}$	$\frac{5}{12}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{12}\ \Phi_4\ \Phi_1$
25325	655	672	$\frac{17}{672}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
25326	655	864	$\frac{7}{216}$	$\frac{1}{6}$	$\frac{209}{864}$	$\frac{5}{12}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
25327	655	684	$\frac{29}{684}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{12}\ \Phi_4\ \Phi_1$
25328	655	756	$\frac{7}{108}$	$\frac{101}{756}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
25329	655	144	$\frac{13}{144}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{144}^5\ \Phi_{72}^4\ \Phi_{48}^5\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
25330	655	660	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{21}{110}$	$\frac{89}{220}$	$\Phi_{660}^2\ \Phi_{220}\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
25331	655	666	$\frac{11}{666}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{666}\ \Phi_{333}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_9\ \Phi_1$
25332	655	1056	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{127}{528}$	$\frac{401}{1056}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
25333	655	1560	$\frac{1}{65}$	$\frac{1}{4}$	$\frac{64}{195}$	$\frac{3}{8}$	$\Phi_{1560}\ \Phi_{312}\ \Phi_{195}\ \Phi_{120}\ \Phi_{39}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
25334	655	1080	$\frac{4}{135}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{27}\ \Phi_{24}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
25335	655	408	$\frac{5}{136}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}\ \Phi_{102}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
25336	655	312	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^4\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{24}^4\ \Phi_{12}\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
25337	655	280	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^4\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}^4\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
25338	655	1144	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1144}\ \Phi_{143}\ \Phi_{88}\ \Phi_{11}\ \Phi_8\ \Phi_1$
25339	655	198	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{32}{99}$	$\frac{67}{198}$	$\Phi_{198}^2\ \Phi_{99}^3\ \Phi_{66}^5\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{18}^2\ \Phi_{11}^5\ \Phi_9^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
25340	655	972	$\frac{7}{324}$	$\frac{2}{9}$	$\frac{317}{972}$	$\frac{1}{3}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_9\ \Phi_1$
25341	655	135	$\frac{4}{135}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{135}^5\ \Phi_{45}^5\ \Phi_{27}^4\ \Phi_{15}^5\ \Phi_9^5\ \Phi_5^5\ \Phi_3^4\ \Phi_1^5$
25342	655	864	$\frac{7}{216}$	$\frac{2}{9}$	$\frac{209}{864}$	$\frac{1}{3}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_9\ \Phi_1$
25343	655	684	$\frac{29}{684}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_9\ \Phi_1$
25344	655	162	$\frac{7}{162}$	$\frac{31}{162}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{162}^4\ \Phi_{81}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
25345	655	756	$\frac{7}{108}$	$\frac{101}{756}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
25346	655	702	$\frac{47}{702}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{702}\ \Phi_{351}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_9\ \Phi_1$
25347	655	729	$\frac{7}{81}$	$\frac{74}{729}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{729}\ \Phi_{243}\ \Phi_9\ \Phi_1$
25348	655	144	$\frac{13}{144}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{144}^5\ \Phi_{72}^4\ \Phi_{48}^5\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_9^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
25349	655	192	$\frac{3}{64}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{61}{192}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^4\ \Phi_{48}^3\ \Phi_{32}^4\ \Phi_{24}^3\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
25350	655	792	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{137}{792}$	$\frac{61}{198}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
25351	655	144	$\frac{13}{144}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{144}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
25352	655	180	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{60}$	$\frac{49}{180}$	$\Phi_{180}^5\ \Phi_{90}^5\ \Phi_{45}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
25353	655	144	$\frac{13}{144}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{144}^5\ \Phi_{72}^5\ \Phi_{48}^3\ \Phi_{36}^5\ \Phi_{24}^3\ \Phi_{18}^5\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
25354	655	480	$\frac{3}{32}$	$\frac{1}{6}$	$\frac{29}{160}$	$\frac{1}{4}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}\ \Phi_{120}^2\ \Phi_{80}\ \Phi_{60}^2\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
25355	655	168	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{37}{168}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{28}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
25356	656	489	$\frac{1}{163}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{81}{163}$	$\Phi_{489}\ \Phi_{163}^2\ \Phi_3^2\ \Phi_1^4$
25357	656	131	$\frac{1}{131}$	$\frac{33}{131}$	$\frac{49}{131}$	$\frac{65}{131}$	$\Phi_{131}^5\ \Phi_1^6$
25358	656	987	$\frac{3}{329}$	$\frac{83}{329}$	$\frac{1}{3}$	$\frac{163}{329}$	$\Phi_{987}\ \Phi_{141}\ \Phi_{21}$
25359	656	325	$\frac{3}{325}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{161}{325}$	$\Phi_{325}^2\ \Phi_{65}^2\ \Phi_{25}^2\ \Phi_{13}^2\ \Phi_5^3\ \Phi_1^4$
25360	656	567	$\frac{1}{81}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{40}{81}$	$\Phi_{567}\ \Phi_{189}\ \Phi_{81}^2\ \Phi_{63}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
25361	656	405	$\frac{1}{81}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{40}{81}$	$\Phi_{405}^2\ \Phi_{135}^2\ \Phi_{45}^2\ \Phi_{15}^3\ \Phi_5^2$
25362	656	655	$\frac{9}{655}$	$\frac{83}{655}$	$\frac{286}{655}$	$\frac{323}{655}$	$\Phi_{655}\ \Phi_{131}\ \Phi_5\ \Phi_1^2$
25363	656	645	$\frac{11}{645}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{317}{645}$	$\Phi_{645}\ \Phi_{215}\ \Phi_{129}\ \Phi_{43}\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
25364	656	55	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{14}{55}$	$\frac{27}{55}$	$\Phi_{55}^{12}\ \Phi_{11}^{12}\ \Phi_5^{11}\ \Phi_1^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
25365	656	483	$\frac{3}{161}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{79}{161}$	$\Phi_{483}^{2}\ \Phi_{69}^{2}\ \Phi_{21}^{3}\ \Phi_{3}^{2}$
25366	656	655	$\frac{13}{655}$	$\frac{122}{655}$	$\frac{167}{655}$	$\frac{321}{655}$	$\Phi_{655}\ \Phi_{131}\ \Phi_{5}\ \Phi_{1}^{2}$
25367	656	141	$\frac{1}{47}$	$\frac{6}{47}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{141}^{7}\ \Phi_{3}^{6}$
25368	656	240	$\frac{1}{40}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{39}{80}$	$\Phi_{240}^{5}\ \Phi_{80}^{6}\ \Phi_{48}^{5}\ \Phi_{16}^{6}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
25369	656	720	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{720}^{2}\ \Phi_{240}\ \Phi_{144}^{2}\ \Phi_{80}^{2}\ \Phi_{48}\ \Phi_{16}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
25370	656	80	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{39}{80}$	$\Phi_{80}^{16}\ \Phi_{16}^{16}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
25371	656	495	$\frac{1}{33}$	$\frac{17}{99}$	$\frac{1}{5}$	$\frac{16}{33}$	$\Phi_{495}^{2}\ \Phi_{165}\ \Phi_{55}\ \Phi_{45}^{2}\ \Phi_{15}$
25372	656	315	$\frac{13}{315}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{151}{315}$	$\Phi_{315}^{2}\ \Phi_{105}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{35}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{4}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
25373	656	1326	$\frac{2}{39}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{1326}\ \Phi_{442}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
25374	656	385	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{36}{77}$	$\Phi_{385}^{2}\ \Phi_{55}^{3}\ \Phi_{35}^{2}\ \Phi_{5}^{2}$
25375	656	60	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{19}{60}$	$\frac{7}{15}$	$\Phi_{60}^{11}\ \Phi_{30}^{11}\ \Phi_{20}^{10}\ \Phi_{15}^{12}\ \Phi_{12}^{11}\ \Phi_{10}^{10}\ \Phi_{6}^{11}\ \Phi_{5}^{11}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
25376	656	660	$\frac{1}{15}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{22}^{2}\ \Phi_{15}\ \Phi_{11}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
25377	656	45	$\frac{1}{15}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{45}^{16}\ \Phi_{15}^{12}\ \Phi_{9}^{16}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
25378	656	150	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{7}{15}$	$\Phi_{150}^{5}\ \Phi_{75}^{5}\ \Phi_{50}^{6}\ \Phi_{25}^{6}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
25379	656	240	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{7}{15}$	$\Phi_{240}^{3}\ \Phi_{120}^{2}\ \Phi_{80}^{3}\ \Phi_{60}^{2}\ \Phi_{48}^{4}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{20}^{2}\ \Phi_{16}^{4}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
25380	656	952	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{952}\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{34}$
25381	656	605	$\frac{4}{55}$	$\frac{51}{605}$	$\frac{1}{5}$	$\frac{277}{605}$	$\Phi_{605}\ \Phi_{121}\ \Phi_{55}^{2}\ \Phi_{11}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
25382	656	220	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{220}^{4}\ \Phi_{110}^{4}\ \Phi_{55}^{3}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{2}$
25383	656	75	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{1}{5}$	$\frac{34}{75}$	$\Phi_{75}^{8}\ \Phi_{25}^{8}\ \Phi_{15}^{12}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
25384	656	1224	$\frac{1}{17}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{136}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
25385	656	42	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{42}^{16}\ \Phi_{21}^{15}\ \Phi_{14}^{16}\ \Phi_{7}^{16}\ \Phi_{6}^{16}\ \Phi_{3}^{14}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
25386	656	378	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{13}{54}$	$\frac{3}{7}$	$\Phi_{378}^{2}\ \Phi_{189}\ \Phi_{126}^{2}\ \Phi_{63}\ \Phi_{54}^{4}\ \Phi_{42}^{2}\ \Phi_{27}^{2}\ \Phi_{21}\ \Phi_{18}^{4}\ \Phi_{14}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
25387	656	315	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{315}^{2}\ \Phi_{105}^{2}\ \Phi_{63}\ \Phi_{45}^{4}\ \Phi_{35}^{2}\ \Phi_{21}\ \Phi_{15}^{4}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
25388	656	141	$\frac{1}{47}$	$\frac{23}{141}$	$\frac{1}{3}$	$\frac{59}{141}$	$\Phi_{141}^{5}\ \Phi_{47}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
25389	656	816	$\frac{1}{17}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{136}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
25390	656	1190	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{1190}\ \Phi_{238}\ \Phi_{170}\ \Phi_{119}\ \Phi_{34}$
25391	656	714	$\frac{1}{42}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{119}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
25392	656	275	$\frac{2}{55}$	$\frac{53}{275}$	$\frac{1}{5}$	$\frac{111}{275}$	$\Phi_{275}^{2}\ \Phi_{55}^{4}\ \Phi_{25}^{2}\ \Phi_{11}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
25393	656	85	$\frac{3}{85}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{85}^{8}\ \Phi_{17}^{8}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
25394	656	195	$\frac{3}{65}$	$\frac{31}{195}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{195}^{4}\ \Phi_{65}^{2}\ \Phi_{39}^{4}\ \Phi_{15}^{4}\ \Phi_{13}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
25395	656	175	$\frac{11}{175}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{175}^{4}\ \Phi_{35}^{4}\ \Phi_{25}^{2}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
25396	656	330	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{8}{33}$	$\frac{25}{66}$	$\Phi_{330}^{4}\ \Phi_{165}\ \Phi_{110}^{4}\ \Phi_{55}\ \Phi_{30}^{4}\ \Phi_{15}\ \Phi_{10}^{4}$
25397	656	655	$\frac{11}{655}$	$\frac{161}{655}$	$\frac{204}{655}$	$\frac{247}{655}$	$\Phi_{655}\ \Phi_{131}\ \Phi_{5}\ \Phi_{1}^{2}$
25398	656	987	$\frac{5}{329}$	$\frac{81}{329}$	$\frac{1}{3}$	$\frac{124}{329}$	$\Phi_{987}\ \Phi_{141}\ \Phi_{21}$
25399	656	495	$\frac{4}{165}$	$\frac{1}{5}$	$\frac{161}{495}$	$\frac{167}{495}$	$\Phi_{495}\ \Phi_{165}^{2}\ \Phi_{99}\ \Phi_{55}^{2}\ \Phi_{45}\ \Phi_{33}^{2}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
25400	656	249	$\frac{1}{83}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{249}^{3}\ \Phi_{83}^{2}$
25401	656	489	$\frac{3}{163}$	$\frac{40}{163}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{489}\ \Phi_{163}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
25402	656	210	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^{4}\ \Phi_{105}^{4}\ \Phi_{70}^{4}\ \Phi_{35}^{4}\ \Phi_{30}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
25403	656	423	$\frac{1}{47}$	$\frac{95}{423}$	$\frac{46}{141}$	$\frac{1}{3}$	$\Phi_{423}^2\ \Phi_{141}\ \Phi_9^2$
25404	656	1215	$\frac{2}{81}$	$\frac{1}{5}$	$\frac{79}{243}$	$\frac{1}{3}$	$\Phi_{1215}\ \Phi_{15}$
25405	656	483	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{155}{483}$	$\frac{1}{3}$	$\Phi_{483}\ \Phi_{161}^2\ \Phi_{69}\ \Phi_{23}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
25406	656	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^3\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^6\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
25407	656	396	$\frac{3}{44}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{99}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
25408	656	270	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{13}{54}$	$\frac{1}{3}$	$\Phi_{270}^4\ \Phi_{135}^2\ \Phi_{90}^4\ \Phi_{45}^2\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
25409	656	855	$\frac{7}{171}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{95}\ \Phi_{15}$
25410	656	945	$\frac{2}{27}$	$\frac{25}{189}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{105}\ \Phi_{35}\ \Phi_{15}$
25411	656	45	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{45}^{14}\ \Phi_{15}^{15}\ \Phi_9^{16}\ \Phi_5^{14}\ \Phi_3^{16}\ \Phi_1^{16}$
25412	656	450	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
25413	656	141	$\frac{5}{47}$	$\frac{6}{47}$	$\frac{7}{47}$	$\frac{1}{3}$	$\Phi_{141}^7\ \Phi_3^6$
25414	656	144	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{144}^6\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{24}^3\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{12}^3\ \Phi_9^6\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
25415	656	60	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{19}{60}$	$\Phi_{60}^{16}\ \Phi_{30}^{16}\ \Phi_{15}^{16}\ \Phi_{12}^{16}\ \Phi_6^{16}\ \Phi_5^3\ \Phi_3^{16}\ \Phi_1^4$
25416	656	1155	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{5}$	$\frac{67}{231}$	$\Phi_{1155}\ \Phi_{165}\ \Phi_{105}\ \Phi_{55}\ \Phi_{15}$
25417	656	45	$\frac{4}{45}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{45}^{14}\ \Phi_{15}^{16}\ \Phi_9^{14}\ \Phi_5^{15}\ \Phi_3^{16}\ \Phi_1^{16}$
25418	656	918	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{918}\ \Phi_{459}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
25419	656	225	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{1}{5}$	$\frac{61}{225}$	$\Phi_{225}^4\ \Phi_{45}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
25420	656	55	$\frac{3}{55}$	$\frac{1}{5}$	$\frac{13}{55}$	$\frac{14}{55}$	$\Phi_{55}^{12}\ \Phi_{11}^{12}\ \Phi_5^{11}\ \Phi_1^{12}$
25421	656	220	$\frac{3}{44}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{220}^3\ \Phi_{110}^3\ \Phi_{55}^3\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_5^3\ \Phi_1^4$
25422	656	105	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{23}{105}$	$\Phi_{105}^6\ \Phi_{35}^6\ \Phi_{21}^6\ \Phi_{15}^8\ \Phi_7^6\ \Phi_5^7\ \Phi_3^8\ \Phi_1^8$
25423	656	45	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{45}^{16}\ \Phi_{15}^{16}\ \Phi_9^{16}\ \Phi_5^3\ \Phi_3^{16}\ \Phi_1^4$
25424	656	50	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{50}^{16}\ \Phi_{25}^{16}\ \Phi_5^3\ \Phi_1^4$
25425	656	240	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
25426	657	880	$\frac{3}{220}$	$\frac{1}{4}$	$\frac{223}{880}$	$\frac{217}{440}$	$\Phi_{880}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{16}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
25427	657	144	$\frac{1}{72}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{71}{144}$	$\Phi_{144}\ \Phi_{72}^8\ \Phi_{48}\ \Phi_{36}^8\ \Phi_{24}^8\ \Phi_{18}^8\ \Phi_{16}^2\ \Phi_{12}^8\ \Phi_9^8\ \Phi_8^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
25428	657	144	$\frac{1}{72}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{71}{144}$	$\Phi_{144}^9\ \Phi_{48}^9\ \Phi_{16}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
25429	657	860	$\frac{4}{215}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{211}{430}$	$\Phi_{860}\ \Phi_{215}\ \Phi_{172}\ \Phi_{43}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
25430	657	88	$\frac{1}{44}$	$\frac{15}{88}$	$\frac{1}{4}$	$\frac{43}{88}$	$\Phi_{88}^6\ \Phi_{44}^9\ \Phi_{22}^9\ \Phi_{11}^9\ \Phi_8^6\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
25431	657	1280	$\frac{17}{640}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{623}{1280}$	$\Phi_{1280}\ \Phi_{256}\ \Phi_{32}\ \Phi_1$
25432	657	1280	$\frac{17}{640}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{623}{1280}$	$\Phi_{1280}\ \Phi_{256}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
25433	657	140	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{67}{140}$	$\Phi_{140}^3\ \Phi_{70}^6\ \Phi_{35}^6\ \Phi_{28}^3\ \Phi_{20}^5\ \Phi_{14}^6\ \Phi_{10}^7\ \Phi_7^6\ \Phi_5^7\ \Phi_4^4\ \Phi_2^6\ \Phi_1^7$
25434	657	836	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{199}{418}$	$\Phi_{836}\ \Phi_{209}\ \Phi_{76}\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{19}\ \Phi_{11}\ \Phi_4\ \Phi_1$
25435	657	80	$\frac{1}{20}$	$\frac{7}{80}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{80}^9\ \Phi_{40}^6\ \Phi_{20}^9\ \Phi_{16}^9\ \Phi_{10}^9\ \Phi_8^6\ \Phi_5^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
25436	657	416	$\frac{11}{208}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{197}{416}$	$\Phi_{416}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
25437	657	320	$\frac{17}{320}$	$\frac{1}{16}$	$\frac{101}{320}$	$\frac{15}{32}$	$\Phi_{320}^2\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
25438	657	704	$\frac{1}{16}$	$\frac{47}{704}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
25439	657	800	$\frac{1}{16}$	$\frac{17}{160}$	$\frac{143}{800}$	$\frac{15}{32}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
25440	657	256	$\frac{1}{16}$	$\frac{17}{128}$	$\frac{37}{256}$	$\frac{15}{32}$	$\Phi_{256}^3\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
25441	657	1232	$\frac{41}{616}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{575}{1232}$	$\Phi_{1232}\ \Phi_{176}\ \Phi_{112}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
25442	657	896	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{239}{896}$	$\frac{209}{448}$	$\Phi_{896}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
25443	657	704	$\frac{47}{704}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{64}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
25444	657	400	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{1}{4}$	$\frac{181}{400}$	$\Phi_{400}^3\ \Phi_{80}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
25445	657	132	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{1}{4}$	$\frac{59}{132}$	$\Phi_{132}^3\ \Phi_{66}^6\ \Phi_{44}^5\ \Phi_{33}^6\ \Phi_{22}^7\ \Phi_{12}^3\ \Phi_{11}^7\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
25446	657	1200	$\frac{2}{75}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{80}\ \Phi_{75}\ \Phi_{25}\ \Phi_{16}\ \Phi_{15}\ \Phi_5\ \Phi_1$
25447	657	432	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{35}{108}$	$\frac{7}{16}$	$\Phi_{432}^4\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
25448	657	304	$\frac{3}{76}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{304}^4\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
25449	657	96	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{23}{96}$	$\frac{7}{16}$	$\Phi_{96}^9\ \Phi_{48}\ \Phi_{32}^9\ \Phi_{24}^8\ \Phi_{16}^2\ \Phi_{12}^8\ \Phi_8^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
25450	657	720	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{17}{90}$	$\frac{7}{16}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{90}\ \Phi_{80}^2\ \Phi_{45}\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
25451	657	624	$\frac{5}{78}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{624}^2\ \Phi_{208}^2\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
25452	657	336	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{84}$	$\frac{7}{16}$	$\Phi_{336}^4\ \Phi_{112}^4\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
25453	657	80	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{80}^9\ \Phi_{40}^9\ \Phi_{20}^9\ \Phi_{16}^2\ \Phi_{10}^9\ \Phi_8^8\ \Phi_5^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
25454	657	1296	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{81}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
25455	657	128	$\frac{1}{16}$	$\frac{9}{64}$	$\frac{5}{32}$	$\frac{55}{128}$	$\Phi_{128}^9\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
25456	657	680	$\frac{23}{680}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{10}\ \Phi_5\ \Phi_1$
25457	657	256	$\frac{1}{16}$	$\frac{37}{256}$	$\frac{5}{32}$	$\frac{27}{64}$	$\Phi_{256}^3\ \Phi_{128}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
25458	657	1120	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{97}{560}$	$\frac{463}{1120}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
25459	657	352	$\frac{1}{44}$	$\frac{43}{176}$	$\frac{1}{4}$	$\frac{133}{352}$	$\Phi_{352}^3\ \Phi_{44}^3\ \Phi_{32}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
25460	657	224	$\frac{5}{224}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{224}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
25461	657	220	$\frac{1}{55}$	$\frac{1}{4}$	$\frac{18}{55}$	$\frac{37}{110}$	$\Phi_{220}^4\ \Phi_{110}\ \Phi_{55}^3\ \Phi_{44}^4\ \Phi_{22}\ \Phi_{20}^4\ \Phi_{11}^3\ \Phi_{10}\ \Phi_5^3\ \Phi_4^3\ \Phi_1^3$
25462	657	328	$\frac{1}{82}$	$\frac{27}{82}$	$\frac{109}{328}$	$\frac{55}{164}$	$\Phi_{328}^3\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_8^3\ \Phi_2^2\ \Phi_1^3$
25463	657	300	$\frac{2}{75}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^3\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
25464	657	108	$\frac{1}{36}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{35}{108}$	$\Phi_{108}^9\ \Phi_{54}^9\ \Phi_{27}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
25465	657	88	$\frac{1}{22}$	$\frac{15}{88}$	$\frac{1}{4}$	$\frac{7}{22}$	$\Phi_{88}^9\ \Phi_{44}^5\ \Phi_{22}^7\ \Phi_{11}^7\ \Phi_8^9\ \Phi_4^4\ \Phi_2^6\ \Phi_1^7$
25466	657	205	$\frac{2}{41}$	$\frac{28}{205}$	$\frac{59}{205}$	$\frac{13}{41}$	$\Phi_{205}^3\ \Phi_{41}^4\ \Phi_5^3\ \Phi_1^5$
25467	657	320	$\frac{17}{320}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{101}{320}$	$\Phi_{320}^2\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
25468	657	82	$\frac{7}{82}$	$\frac{9}{82}$	$\frac{19}{82}$	$\frac{25}{82}$	$\Phi_{82}^8\ \Phi_{41}^8\ \Phi_2^8\ \Phi_1^9$
25469	657	80	$\frac{7}{80}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{80}^9\ \Phi_{40}^9\ \Phi_{20}^5\ \Phi_{16}^9\ \Phi_{10}^7\ \Phi_8^9\ \Phi_5^7\ \Phi_4^4\ \Phi_2^6\ \Phi_1^7$
25470	657	308	$\frac{3}{44}$	$\frac{41}{308}$	$\frac{1}{4}$	$\frac{89}{308}$	$\Phi_{308}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{44}^3\ \Phi_{28}^2\ \Phi_{22}^3\ \Phi_{14}^2\ \Phi_{11}^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
25471	657	96	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{23}{96}$	$\frac{9}{32}$	$\Phi_{96}^9\ \Phi_{48}^9\ \Phi_{32}^3\ \Phi_{24}^9\ \Phi_{16}^2\ \Phi_{12}^9\ \Phi_8^2\ \Phi_6^9\ \Phi_4^2\ \Phi_3^9\ \Phi_2^2\ \Phi_1^3$
25472	657	100	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{1}{4}$	$\frac{27}{100}$	$\Phi_{100}^6\ \Phi_{50}^6\ \Phi_{25}^6\ \Phi_{20}^9\ \Phi_{10}^9\ \Phi_5^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
25473	657	76	$\frac{3}{76}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{76}^9\ \Phi_{38}^9\ \Phi_{19}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
25474	657	96	$\frac{1}{24}$	$\frac{23}{96}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{96}^9\ \Phi_{48}^9\ \Phi_{32}^9\ \Phi_{16}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
25475	657	180	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{180}^4\ \Phi_{90}^5\ \Phi_{60}^4\ \Phi_{45}^5\ \Phi_{30}^5\ \Phi_{20}^4\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_5^5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
25476	657	156	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{156}^4\ \Phi_{78}^5\ \Phi_{52}^4\ \Phi_{39}^5\ \Phi_{26}^5\ \Phi_{13}^5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
25477	657	84	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{84}^9\ \Phi_{42}^9\ \Phi_{28}^9\ \Phi_{21}^9\ \Phi_{14}^9\ \Phi_7^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
25478	657	80	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{80}^9\ \Phi_{40}^9\ \Phi_{20}^9\ \Phi_{16}^9\ \Phi_{10}^9\ \Phi_5^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
25479	657	324	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^3\ \Phi_{54}^2\ \Phi_{27}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
25480	657	280	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{280}$	$\frac{1}{4}$	$\Phi_{280}^3\ \Phi_{140}\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
25481	657	80	$\frac{7}{80}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{80}^8\ \Phi_{40}^8\ \Phi_{20}^9\ \Phi_{16}^8\ \Phi_{10}^9\ \Phi_8^8\ \Phi_5^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
25482	657	800	$\frac{17}{160}$	$\frac{3}{20}$	$\frac{143}{800}$	$\frac{1}{4}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
25483	658	654	$\frac{2}{327}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{325}{654}$	$\Phi_{654}^2\ \Phi_{218}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
25484	658	1320	$\frac{1}{110}$	$\frac{111}{440}$	$\frac{1}{3}$	$\frac{109}{220}$	$\Phi_{1320}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{120}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
25485	658	372	$\frac{1}{93}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{46}{93}$	$\Phi_{372}^3\ \Phi_{124}^3\ \Phi_{93}\ \Phi_{31}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
25486	658	279	$\frac{1}{93}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{46}{93}$	$\Phi_{279}^3\ \Phi_{93}\ \Phi_{31}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
25487	658	1950	$\frac{4}{325}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{321}{650}$	$\Phi_{1950}\ \Phi_{390}\ \Phi_{150}\ \Phi_{78}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
25488	658	584	$\frac{1}{73}$	$\frac{37}{292}$	$\frac{255}{584}$	$\frac{36}{73}$	$\Phi_{584}^2\ \Phi_{73}\ \Phi_8^2\ \Phi_1^2$
25489	658	438	$\frac{1}{73}$	$\frac{109}{438}$	$\frac{37}{146}$	$\frac{36}{73}$	$\Phi_{438}^2\ \Phi_{219}^2\ \Phi_{73}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
25490	658	396	$\frac{1}{66}$	$\frac{67}{396}$	$\frac{1}{3}$	$\frac{65}{132}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
25491	658	648	$\frac{5}{324}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{319}{648}$	$\Phi_{648}^2\ \Phi_{216}^2\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
25492	658	648	$\frac{5}{324}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{319}{648}$	$\Phi_{648}^2\ \Phi_{216}^2\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
25493	658	645	$\frac{13}{645}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{316}{645}$	$\Phi_{645}\ \Phi_{215}\ \Phi_{129}\ \Phi_{43}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
25494	658	1196	$\frac{1}{46}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{45}{92}$	$\Phi_{1196}\ \Phi_{92}^2\ \Phi_{52}\ \Phi_{13}\ \Phi_4^2\ \Phi_1^2$
25495	658	552	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{552}^2\ \Phi_{276}\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
25496	658	1920	$\frac{9}{320}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{311}{640}$	$\Phi_{1920}\ \Phi_{384}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
25497	658	1914	$\frac{10}{319}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{309}{638}$	$\Phi_{1914}\ \Phi_{174}\ \Phi_{66}\ \Phi_{33}\ \Phi_6$
25498	658	360	$\frac{1}{30}$	$\frac{31}{360}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
25499	658	90	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{90}^{14}\ \Phi_{30}^{14}\ \Phi_{18}^{14}\ \Phi_{15}^2\ \Phi_{10}^{14}\ \Phi_6^{14}\ \Phi_5^2\ \Phi_3\ \Phi_2^{14}\ \Phi_1^2$
25500	658	360	$\frac{2}{45}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{43}{90}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^3\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
25501	658	1056	$\frac{1}{22}$	$\frac{23}{352}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_6$
25502	658	627	$\frac{31}{627}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{298}{627}$	$\Phi_{627}\ \Phi_{209}\ \Phi_{57}\ \Phi_{33}^2\ \Phi_{19}\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
25503	658	456	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{456}^2\ \Phi_{228}^2\ \Phi_{152}\ \Phi_{114}^2\ \Phi_{76}\ \Phi_{38}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
25504	658	960	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
25505	658	264	$\frac{1}{22}$	$\frac{3}{44}$	$\frac{1}{3}$	$\frac{41}{88}$	$\Phi_{264}^7\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}^7\ \Phi_6$
25506	658	1320	$\frac{1}{15}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
25507	658	897	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{22}{69}$	$\frac{6}{13}$	$\Phi_{897}\ \Phi_{69}^2\ \Phi_{39}\ \Phi_{13}\ \Phi_3^2\ \Phi_1^2$
25508	658	600	$\frac{1}{30}$	$\frac{29}{300}$	$\frac{1}{3}$	$\frac{271}{600}$	$\Phi_{600}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
25509	658	1020	$\frac{11}{340}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
25510	658	594	$\frac{1}{33}$	$\frac{32}{297}$	$\frac{1}{3}$	$\frac{265}{594}$	$\Phi_{594}^2\ \Phi_{198}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
25511	658	486	$\frac{5}{162}$	$\frac{1}{9}$	$\frac{157}{486}$	$\frac{4}{9}$	$\Phi_{486}^2\ \Phi_{243}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
25512	658	342	$\frac{13}{342}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{342}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
25513	658	432	$\frac{5}{108}$	$\frac{1}{9}$	$\frac{103}{432}$	$\frac{4}{9}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
25514	658	405	$\frac{5}{81}$	$\frac{1}{9}$	$\frac{76}{405}$	$\frac{4}{9}$	$\Phi_{405}^2\ \Phi_{135}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
25515	658	351	$\frac{22}{351}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{351}^2\ \Phi_{117}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
25516	658	360	$\frac{31}{360}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
25517	658	54	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{7}{54}$	$\frac{4}{9}$	$\Phi_{54}^{12}\ \Phi_{27}^{12}\ \Phi_{18}^{12}\ \Phi_9^{13}\ \Phi_6^{12}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
25518	658	420	$\frac{1}{15}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{420}^3\ \Phi_{140}^3\ \Phi_{84}^2\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
25519	658	48	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{48}^{14}\ \Phi_{24}^{14}\ \Phi_{16}^{14}\ \Phi_{12}^{12}\ \Phi_8^{14}\ \Phi_6^{14}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
25520	658	372	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{15}{62}$	$\frac{5}{12}$	$\Phi_{372}^3\ \Phi_{124}^3\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
25521	658	240	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{240}^5\ \Phi_{120}\ \Phi_{80}^4\ \Phi_{60}\ \Phi_{48}^5\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
25522	658	1650	$\frac{1}{55}$	$\frac{54}{275}$	$\frac{1}{3}$	$\frac{221}{550}$	$\Phi_{1650}\ \Phi_{330}\ \Phi_{165}\ \Phi_{150}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
25523	658	240	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^2\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
25524	658	200	$\frac{3}{50}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{200}^4\ \Phi_{100}^4\ \Phi_{50}^2\ \Phi_{40}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
25525	658	152	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{9}{38}$	$\frac{29}{76}$	$\Phi_{152}^5\ \Phi_{76}^3\ \Phi_{38}^5\ \Phi_{19}^4\ \Phi_8^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
25526	658	528	$\frac{1}{66}$	$\frac{65}{264}$	$\frac{1}{3}$	$\frac{199}{528}$	$\Phi_{528}^2\ \Phi_{176}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
25527	658	360	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{360}^3\ \Phi_{120}^3\ \Phi_{72}^2\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
25528	658	495	$\frac{2}{165}$	$\frac{163}{495}$	$\frac{1}{3}$	$\frac{166}{495}$	$\Phi_{495}\ \Phi_{165}^2\ \Phi_{99}\ \Phi_{55}^2\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
25529	658	144	$\frac{1}{48}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{144}^6\ \Phi_{72}^6\ \Phi_{48}^2\ \Phi_{36}^6\ \Phi_{24}^2\ \Phi_{18}^6\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^4\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
25530	658	279	$\frac{2}{93}$	$\frac{2}{9}$	$\frac{91}{279}$	$\frac{1}{3}$	$\Phi_{279}^2\ \Phi_{93}^3\ \Phi_{31}^3\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
25531	658	396	$\frac{1}{33}$	$\frac{67}{396}$	$\frac{32}{99}$	$\frac{1}{3}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
25532	658	486	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{157}{486}$	$\frac{1}{3}$	$\Phi_{486}^2\ \Phi_{243}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
25533	658	552	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{552}\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
25534	658	480	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{151}{480}$	$\frac{1}{3}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
25535	658	360	$\frac{1}{15}$	$\frac{31}{360}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
25536	658	66	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{19}{66}$	$\frac{1}{3}$	$\Phi_{66}^8\ \Phi_{33}^8\ \Phi_{22}^{14}\ \Phi_{11}^{14}\ \Phi_6^8\ \Phi_3^7\ \Phi_2^{14}\ \Phi_1^{14}$
25537	658	342	$\frac{13}{342}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{342}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
25538	658	450	$\frac{1}{30}$	$\frac{29}{150}$	$\frac{121}{450}$	$\frac{1}{3}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
25539	658	558	$\frac{1}{31}$	$\frac{2}{9}$	$\frac{15}{62}$	$\frac{1}{3}$	$\Phi_{558}^2\ \Phi_{279}\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
25540	658	432	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{103}{432}$	$\frac{1}{3}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
25541	658	360	$\frac{31}{360}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
25542	658	270	$\frac{1}{15}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{270}^3\ \Phi_{135}^3\ \Phi_{90}^3\ \Phi_{54}^2\ \Phi_{30}^3\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
25543	658	60	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{60}^{14}\ \Phi_{30}^{14}\ \Phi_{20}^{14}\ \Phi_{15}^2\ \Phi_{12}^{14}\ \Phi_{10}^{14}\ \Phi_6^{14}\ \Phi_5^2\ \Phi_4^{14}\ \Phi_3\ \Phi_2^{14}\ \Phi_1^2$
25544	658	150	$\frac{3}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{150}^7\ \Phi_{75}^6\ \Phi_{30}^7\ \Phi_{15}^7\ \Phi_6^7\ \Phi_3^6$
25545	658	390	$\frac{4}{65}$	$\frac{61}{390}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{390}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
25546	658	1200	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{400}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
25547	658	360	$\frac{31}{360}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
25548	658	54	$\frac{5}{54}$	$\frac{7}{54}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{54}^{12}\ \Phi_{27}^{12}\ \Phi_{18}^{12}\ \Phi_9^{12}\ \Phi_6^{14}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
25549	658	1080	$\frac{4}{45}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{41}{135}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
25550	658	840	$\frac{11}{105}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
25551	658	120	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{120}^6\ \Phi_{60}^4\ \Phi_{40}^7\ \Phi_{30}^4\ \Phi_{24}^6\ \Phi_{20}^5\ \Phi_{15}^6\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_8^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
25552	659	1128	$\frac{1}{94}$	$\frac{95}{564}$	$\frac{469}{1128}$	$\frac{93}{188}$	$\Phi_{1128}\ \Phi_{376}\ \Phi_{188}\ \Phi_{24}\ \Phi_8\ \Phi_4\ \Phi_1$
25553	659	1288	$\frac{15}{644}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{629}{1288}$	$\Phi_{1288}\ \Phi_{184}\ \Phi_{56}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
25554	659	798	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{139}{798}$	$\frac{127}{266}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{133}\ \Phi_{114}\ \Phi_{57}\ \Phi_{42}\ \Phi_{21}\ \Phi_{19}\ \Phi_6\ \Phi_3\ \Phi_1$
25555	659	1260	$\frac{29}{630}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{601}{1260}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
25556	659	1260	$\frac{29}{630}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{601}{1260}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
25557	659	896	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{237}{896}$	$\frac{211}{448}$	$\Phi_{896}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
25558	659	1232	$\frac{43}{616}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{573}{1232}$	$\Phi_{1232}\ \Phi_{176}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
25559	659	1176	$\frac{1}{14}$	$\frac{71}{588}$	$\frac{13}{84}$	$\frac{517}{1176}$	$\Phi_{1176}\ \Phi_{392}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
25560	659	1128	$\frac{1}{47}$	$\frac{95}{564}$	$\frac{46}{141}$	$\frac{469}{1128}$	$\Phi_{1128}\ \Phi_{376}\ \Phi_{141}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
25561	659	700	$\frac{41}{700}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{50}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
25562	659	1120	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{99}{560}$	$\frac{461}{1120}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
25563	659	940	$\frac{1}{47}$	$\frac{46}{235}$	$\frac{281}{940}$	$\frac{189}{470}$	$\Phi_{940}\ \Phi_{235}\ \Phi_{188}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
25564	659	1064	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{127}{532}$	$\frac{405}{1064}$	$\Phi_{1064}\ \Phi_{152}\ \Phi_{133}\ \Phi_{56}\ \Phi_{19}\ \Phi_8\ \Phi_1$
25565	659	1008	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{155}{504}$	$\frac{349}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
25566	659	846	$\frac{1}{47}$	$\frac{187}{846}$	$\frac{46}{141}$	$\frac{95}{282}$	$\Phi_{846}\ \Phi_{423}\ \Phi_{141}\ \Phi_{18}\ \Phi_9\ \Phi_3\ \Phi_1$
25567	659	756	$\frac{1}{14}$	$\frac{97}{756}$	$\frac{29}{126}$	$\frac{13}{42}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
25568	659	840	$\frac{1}{14}$	$\frac{29}{210}$	$\frac{181}{840}$	$\frac{13}{42}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
25569	659	945	$\frac{29}{315}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{286}{945}$	$\Phi_{945}\ \Phi_{189}\ \Phi_{135}\ \Phi_{35}\ \Phi_{27}\ \Phi_5\ \Phi_1$
25570	659	735	$\frac{76}{735}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}\ \Phi_{49}\ \Phi_{35}\ \Phi_5\ \Phi_1$
25571	659	840	$\frac{29}{210}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{181}{840}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
25572	660	984	$\frac{1}{164}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{163}{328}$	$\Phi_{984}\ \Phi_{328}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
25573	660	1048	$\frac{1}{131}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{65}{131}$	$\Phi_{1048}\ \Phi_{131}\ \Phi_8^2\ \Phi_1^2$
25574	660	545	$\frac{1}{109}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{54}{109}$	$\Phi_{545}\ \Phi_{109}^2\ \Phi_5^2\ \Phi_1^4$
25575	660	1308	$\frac{1}{109}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{54}{109}$	$\Phi_{1308}\ \Phi_{654}\ \Phi_{12}^2\ \Phi_6^2$
25576	660	659	$\frac{7}{659}$	$\frac{111}{659}$	$\frac{274}{659}$	$\frac{326}{659}$	$\Phi_{659}\ \Phi_1^2$
25577	660	884	$\frac{3}{221}$	$\frac{1}{4}$	$\frac{56}{221}$	$\frac{109}{221}$	$\Phi_{884}\ \Phi_{442}\ \Phi_{68}\ \Phi_{52}\ \Phi_{34}\ \Phi_{26}$
25578	660	659	$\frac{9}{659}$	$\frac{164}{659}$	$\frac{167}{659}$	$\frac{325}{659}$	$\Phi_{659}\ \Phi_1^2$
25579	660	993	$\frac{5}{331}$	$\frac{56}{331}$	$\frac{1}{3}$	$\frac{163}{331}$	Φ_{993}
25580	660	585	$\frac{1}{65}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{32}{65}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{117}\ \Phi_{65}^2\ \Phi_{45}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
25581	660	390	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{32}{65}$	$\Phi_{390}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
25582	660	659	$\frac{11}{659}$	$\frac{67}{659}$	$\frac{296}{659}$	$\frac{324}{659}$	$\Phi_{659}\ \Phi_1^2$
25583	660	1180	$\frac{1}{59}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{29}{59}$	$\Phi_{1180}\ \Phi_{236}\ \Phi_{59}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
25584	660	885	$\frac{1}{59}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{29}{59}$	$\Phi_{885}\ \Phi_{177}\ \Phi_{59}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
25585	660	1188	$\frac{1}{54}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{53}{108}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{132}\ \Phi_{108}^2\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
25586	660	756	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{53}{108}$	$\Phi_{756}^2\ \Phi_{252}^2\ \Phi_{84}^2\ \Phi_{28}^2\ \Phi_{21}$
25587	660	1188	$\frac{1}{54}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{53}{108}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{132}\ \Phi_{108}^2\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
25588	660	540	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{53}{108}$	$\Phi_{540}\ \Phi_{270}^2\ \Phi_{180}\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
25589	660	798	$\frac{3}{133}$	$\frac{1}{6}$	$\frac{34}{133}$	$\frac{65}{133}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{266}\ \Phi_{114}\ \Phi_{57}\ \Phi_{42}\ \Phi_{38}\ \Phi_{21}\ \Phi_{14}$
25590	660	1204	$\frac{1}{43}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{21}{43}$	$\Phi_{1204}\ \Phi_{172}\ \Phi_{43}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
25591	660	301	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{21}{43}$	$\Phi_{301}^2\ \Phi_{43}^3\ \Phi_7^4\ \Phi_1^6$
25592	660	516	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{21}{43}$	$\Phi_{516}^2\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{43}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
25593	660	659	$\frac{17}{659}$	$\frac{98}{659}$	$\frac{169}{659}$	$\frac{321}{659}$	$\Phi_{659}\ \Phi_1^2$
25594	660	518	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{19}{74}$	$\frac{18}{37}$	$\Phi_{518}^2\ \Phi_{259}\ \Phi_{14}^2$
25595	660	993	$\frac{9}{331}$	$\frac{34}{331}$	$\frac{1}{3}$	$\frac{161}{331}$	Φ_{993}
25596	660	1216	$\frac{1}{32}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{31}{64}$	$\Phi_{1216}\ \Phi_{64}^2\ \Phi_{19}\ \Phi_1^2$
25597	660	2112	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{2112}\ \Phi_{33}$
25598	660	1216	$\frac{1}{32}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{31}{64}$	$\Phi_{1216}\ \Phi_{64}^2\ \Phi_{19}\ \Phi_1^2$
25599	660	960	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{31}{64}$	$\Phi_{960}^2\ \Phi_{320}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
25600	660	659	$\frac{21}{659}$	$\frac{68}{659}$	$\frac{197}{659}$	$\frac{319}{659}$	$\Phi_{659}\ \Phi_1^2$
25601	660	609	$\frac{1}{29}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{14}{29}$	$\Phi_{609}\ \Phi_{203}\ \Phi_{87}\ \Phi_{29}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
25602	660	348	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{348}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
25603	660	406	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{14}{29}$	$\Phi_{406}^2\ \Phi_{203}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
25604	660	659	$\frac{23}{659}$	$\frac{31}{659}$	$\frac{314}{659}$	$\frac{318}{659}$	$\Phi_{659}\ \Phi_1^2$
25605	660	798	$\frac{5}{133}$	$\frac{1}{6}$	$\frac{23}{133}$	$\frac{64}{133}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{266}\ \Phi_{114}\ \Phi_{57}\ \Phi_{42}\ \Phi_{38}\ \Phi_{21}\ \Phi_{14}$
25606	660	659	$\frac{25}{659}$	$\frac{109}{659}$	$\frac{114}{659}$	$\frac{317}{659}$	$\Phi_{659}\ \Phi_1^2$
25607	660	884	$\frac{9}{221}$	$\frac{23}{221}$	$\frac{1}{4}$	$\frac{106}{221}$	$\Phi_{884}\ \Phi_{442}\ \Phi_{68}\ \Phi_{52}\ \Phi_{34}\ \Phi_{26}$
25608	660	336	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^3\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
25609	660	609	$\frac{1}{21}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{10}{21}$	$\Phi_{609}\ \Phi_{203}\ \Phi_{87}\ \Phi_{29}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
25610	660	924	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{154}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{22}^2$
25611	660	609	$\frac{1}{21}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{10}{21}$	$\Phi_{609}\ \Phi_{203}\ \Phi_{87}\ \Phi_{29}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
25612	660	42	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{10}{21}$	$\Phi_{42}^{19}\ \Phi_{21}^{13}\ \Phi_{14}^{19}\ \Phi_7^{12}\ \Phi_6^{18}\ \Phi_3^{12}\ \Phi_2^{18}\ \Phi_1^{12}$
25613	660	732	$\frac{3}{61}$	$\frac{1}{12}$	$\frac{16}{61}$	$\frac{29}{61}$	$\Phi_{732}\ \Phi_{366}\ \Phi_{244}\ \Phi_{183}\ \Phi_{122}$
25614	660	304	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{9}{19}$	$\Phi_{304}^2\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}^3\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
25615	660	228	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{228}^3\ \Phi_{114}^3\ \Phi_{76}^2\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{19}^3\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
25616	660	760	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{9}{19}$	$\Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
25617	660	114	$\frac{1}{19}$	$\frac{5}{38}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{114}^7\ \Phi_{57}^7\ \Phi_{38}^3\ \Phi_{19}^4\ \Phi_6^6\ \Phi_3^6\ \Phi_2^2\ \Phi_1^4$
25618	660	104	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{104}^{12}\ \Phi_{52}\ \Phi_{26}\ \Phi_8^{12}$
25619	660	476	$\frac{1}{17}$	$\frac{9}{119}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{476}^2\ \Phi_{238}^2\ \Phi_{68}\ \Phi_{34}\ \Phi_{28}^2\ \Phi_{14}^2$
25620	660	659	$\frac{35}{659}$	$\frac{41}{659}$	$\frac{208}{659}$	$\frac{309}{659}$	$\Phi_{659}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
25621	660	659	$\frac{41}{659}$	$\frac{44}{659}$	$\frac{175}{659}$	$\frac{309}{659}$	$\Phi_{659}\ \Phi_1^2$
25622	660	993	$\frac{16}{331}$	$\frac{21}{331}$	$\frac{1}{3}$	$\frac{155}{331}$	Φ_{993}
25623	660	240	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
25624	660	659	$\frac{32}{659}$	$\frac{45}{659}$	$\frac{209}{659}$	$\frac{307}{659}$	$\Phi_{659}\ \Phi_1^2$
25625	660	1932	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{1932}\ \Phi_{276}\ \Phi_{69}$
25626	660	1204	$\frac{3}{43}$	$\frac{1}{14}$	$\frac{10}{43}$	$\frac{13}{28}$	$\Phi_{1204}\ \Phi_{172}\ \Phi_{43}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
25627	660	420	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_5^2$
25628	660	659	$\frac{49}{659}$	$\frac{59}{659}$	$\frac{120}{659}$	$\frac{305}{659}$	$\Phi_{659}\ \Phi_1^2$
25629	660	737	$\frac{5}{67}$	$\frac{1}{11}$	$\frac{12}{67}$	$\frac{31}{67}$	Φ_{737}
25630	660	468	$\frac{7}{117}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{36}^2\ \Phi_{26}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
25631	660	659	$\frac{51}{659}$	$\frac{71}{659}$	$\frac{98}{659}$	$\frac{304}{659}$	$\Phi_{659}\ \Phi_1^2$
25632	660	204	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{1}{4}$	$\frac{47}{102}$	$\Phi_{204}^4\ \Phi_{68}^5\ \Phi_{51}^4\ \Phi_{34}\ \Phi_{17}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
25633	660	259	$\frac{3}{37}$	$\frac{4}{37}$	$\frac{1}{7}$	$\frac{17}{37}$	$\Phi_{259}^3\ \Phi_7^2$
25634	660	732	$\frac{5}{61}$	$\frac{1}{12}$	$\frac{11}{61}$	$\frac{28}{61}$	$\Phi_{732}\ \Phi_{366}\ \Phi_{244}\ \Phi_{183}\ \Phi_{122}$
25635	660	798	$\frac{11}{133}$	$\frac{12}{133}$	$\frac{1}{6}$	$\frac{61}{133}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{266}\ \Phi_{114}\ \Phi_{57}\ \Phi_{42}\ \Phi_{38}\ \Phi_{21}\ \Phi_{14}$
25636	660	659	$\frac{54}{659}$	$\frac{55}{659}$	$\frac{119}{659}$	$\frac{302}{659}$	$\Phi_{659}\ \Phi_1^2$
25637	660	884	$\frac{12}{221}$	$\frac{19}{221}$	$\frac{1}{4}$	$\frac{101}{221}$	$\Phi_{884}\ \Phi_{442}\ \Phi_{68}\ \Phi_{52}\ \Phi_{34}\ \Phi_{26}$
25638	660	659	$\frac{32}{659}$	$\frac{57}{659}$	$\frac{179}{659}$	$\frac{301}{659}$	$\Phi_{659}\ \Phi_1^2$
25639	660	993	$\frac{12}{331}$	$\frac{29}{331}$	$\frac{1}{3}$	$\frac{151}{331}$	Φ_{993}
25640	660	627	$\frac{2}{57}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{627}\ \Phi_{209}\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_{11}\ \Phi_1^2$
25641	660	891	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{26}{81}$	$\frac{5}{11}$	$\Phi_{891}\ \Phi_{81}^2\ \Phi_{11}\ \Phi_1^2$
25642	660	792	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{17}{72}$	$\frac{5}{11}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{72}^2\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
25643	660	297	$\frac{2}{27}$	$\frac{1}{11}$	$\frac{5}{27}$	$\frac{5}{11}$	$\Phi_{297}^2\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{27}^4\ \Phi_{11}^3\ \Phi_9^4\ \Phi_3^4\ \Phi_1^6$
25644	660	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{132}^5\ \Phi_{66}^4\ \Phi_{44}^5\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{12}^{10}\ \Phi_{11}^5\ \Phi_6^8\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
25645	660	693	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{5}{11}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{77}\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_1^2$
25646	660	659	$\frac{49}{659}$	$\frac{61}{659}$	$\frac{120}{659}$	$\frac{299}{659}$	$\Phi_{659}\ \Phi_1^2$
25647	660	884	$\frac{11}{221}$	$\frac{21}{221}$	$\frac{1}{4}$	$\frac{100}{221}$	$\Phi_{884}\ \Phi_{442}\ \Phi_{68}\ \Phi_{52}\ \Phi_{34}\ \Phi_{26}$
25648	660	1860	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1860}\ \Phi_{372}\ \Phi_{93}$
25649	660	1180	$\frac{2}{59}$	$\frac{1}{10}$	$\frac{19}{59}$	$\frac{9}{20}$	$\Phi_{1180}\ \Phi_{236}\ \Phi_{59}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
25650	660	420	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{420}\ \Phi_{210}^2\ \Phi_{140}\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^3\ \Phi_3^2$
25651	660	1180	$\frac{3}{59}$	$\frac{1}{10}$	$\frac{14}{59}$	$\frac{9}{20}$	$\Phi_{1180}\ \Phi_{236}\ \Phi_{59}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
25652	660	80	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{80}^9\ \Phi_{40}^9\ \Phi_{20}^5\ \Phi_{16}^8\ \Phi_{10}^9\ \Phi_8^8\ \Phi_5^8\ \Phi_4^4\ \Phi_2^8\ \Phi_1^8$
25653	660	1180	$\frac{4}{59}$	$\frac{1}{10}$	$\frac{11}{59}$	$\frac{9}{20}$	$\Phi_{1180}\ \Phi_{236}\ \Phi_{59}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
25654	660	780	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{780}^2\ \Phi_{260}\ \Phi_{156}^2\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
25655	660	1180	$\frac{5}{59}$	$\frac{1}{10}$	$\frac{9}{59}$	$\frac{9}{20}$	$\Phi_{1180}\ \Phi_{236}\ \Phi_{59}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
25656	660	1540	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{77}$
25657	660	306	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{17}^2\ \Phi_6^3\ \Phi_2^2$
25658	660	585	$\frac{2}{65}$	$\frac{1}{9}$	$\frac{21}{65}$	$\frac{4}{9}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{117}\ \Phi_{65}^2\ \Phi_{45}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
25659	660	828	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{46}^2$
25660	660	315	$\frac{2}{35}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}^4\ \Phi_{21}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_7^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
25661	660	432	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}\ \Phi_{108}^2\ \Phi_{72}\ \Phi_{54}^2\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
25662	660	117	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{2}{13}$	$\frac{4}{9}$	$\Phi_{117}^5\ \Phi_{39}^5\ \Phi_{13}^{10}\ \Phi_9^6\ \Phi_3^6\ \Phi_1^{12}$
25663	660	252	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}^4\ \Phi_{63}^2\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^2$
25664	660	1274	$\frac{1}{13}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{1274}\ \Phi_{182}\ \Phi_{91}\ \Phi_{26}$
25665	660	832	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{832}\ \Phi_{416}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
25666	660	659	$\frac{17}{659}$	$\frac{89}{659}$	$\frac{214}{659}$	$\frac{285}{659}$	$\Phi_{659}\ \Phi_1^2$
25667	660	659	$\frac{34}{659}$	$\frac{89}{659}$	$\frac{125}{659}$	$\frac{285}{659}$	$\Phi_{659}\ \Phi_1^2$
25668	660	238	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{238}^3\ \Phi_{119}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{14}^3\ \Phi_2^2$
25669	660	210	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{42}^3\ \Phi_{30}^4\ \Phi_{21}^3\ \Phi_{15}^4\ \Phi_{14}^3\ \Phi_{10}^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
25670	660	1248	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
25671	660	732	$\frac{1}{12}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{26}{61}$	$\Phi_{732}\ \Phi_{366}\ \Phi_{244}\ \Phi_{183}\ \Phi_{122}$
25672	660	659	$\frac{53}{659}$	$\frac{76}{659}$	$\frac{101}{659}$	$\frac{279}{659}$	$\Phi_{659}\ \Phi_1^2$
25673	660	114	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{8}{19}$	$\Phi_{114}^7\ \Phi_{57}^7\ \Phi_{38}^7\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6$
25674	660	713	$\frac{1}{23}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	Φ_{713}
25675	660	659	$\frac{35}{659}$	$\frac{104}{659}$	$\frac{111}{659}$	$\frac{274}{659}$	$\Phi_{659}\ \Phi_1^2$
25676	660	732	$\frac{1}{12}$	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{25}{61}$	$\Phi_{732}\ \Phi_{366}\ \Phi_{244}\ \Phi_{183}\ \Phi_{122}$
25677	660	659	$\frac{54}{659}$	$\frac{65}{659}$	$\frac{121}{659}$	$\frac{269}{659}$	$\Phi_{659}\ \Phi_1^2$
25678	660	259	$\frac{2}{37}$	$\frac{1}{7}$	$\frac{7}{37}$	$\frac{15}{37}$	$\Phi_{259}^3\ \Phi_7^2$
25679	660	659	$\frac{24}{659}$	$\frac{127}{659}$	$\frac{131}{659}$	$\frac{266}{659}$	$\Phi_{659}\ \Phi_1^2$
25680	660	884	$\frac{6}{221}$	$\frac{43}{221}$	$\frac{1}{4}$	$\frac{89}{221}$	$\Phi_{884}\ \Phi_{442}\ \Phi_{68}\ \Phi_{52}\ \Phi_{34}\ \Phi_{26}$
25681	660	659	$\frac{14}{659}$	$\frac{129}{659}$	$\frac{197}{659}$	$\frac{265}{659}$	$\Phi_{659}\ \Phi_1^2$
25682	660	993	$\frac{6}{331}$	$\frac{65}{331}$	$\frac{1}{3}$	$\frac{133}{331}$	Φ_{993}
25683	660	840	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_6^2$
25684	660	545	$\frac{4}{109}$	$\frac{21}{109}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{545}\ \Phi_{109}^2\ \Phi_5^2\ \Phi_1^4$
25685	660	690	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2$
25686	660	400	$\frac{1}{16}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{400}^2\ \Phi_{200}^2\ \Phi_{100}^2\ \Phi_{80}\ \Phi_{50}^2\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
25687	660	545	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{545}\ \Phi_{109}^2\ \Phi_5^2\ \Phi_1^4$
25688	660	660	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{110}\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2$
25689	660	1098	$\frac{1}{61}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1098}\ \Phi_{366}\ \Phi_{183}\ \Phi_{122}$
25690	660	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{144}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{24}^5\ \Phi_{18}\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^4\ \Phi_6\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
25691	660	728	$\frac{1}{56}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{104}\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}$
25692	660	1608	$\frac{1}{67}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1608}\ \Phi_{201}$
25693	660	1048	$\frac{2}{131}$	$\frac{1}{4}$	$\frac{43}{131}$	$\frac{3}{8}$	$\Phi_{1048}\ \Phi_{131}\ \Phi_8^2\ \Phi_1^2$
25694	660	976	$\frac{1}{61}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{976}\ \Phi_{244}\ \Phi_{122}$
25695	660	360	$\frac{1}{45}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^3\ \Phi_{180}\ \Phi_{120}^3\ \Phi_{90}\ \Phi_{72}^3\ \Phi_{60}\ \Phi_{40}^3\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
25696	660	1048	$\frac{3}{131}$	$\frac{32}{131}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1048}\ \Phi_{131}\ \Phi_8^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
25697	660	680	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{680}^2\ \Phi_{170}\ \Phi_{85}\ \Phi_{40}\ \Phi_{10}$
25698	660	1048	$\frac{5}{131}$	$\frac{21}{131}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1048}\ \Phi_{131}\ \Phi_{8}^2\ \Phi_{1}^2$
25699	660	1288	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1288}\ \Phi_{161}$
25700	660	1048	$\frac{10}{131}$	$\frac{11}{131}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1048}\ \Phi_{131}\ \Phi_{8}^2\ \Phi_{1}^2$
25701	660	312	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^4\ \Phi_{156}\ \Phi_{104}^3\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
25702	660	659	$\frac{19}{659}$	$\frac{128}{659}$	$\frac{177}{659}$	$\frac{241}{659}$	$\Phi_{659}\ \Phi_{1}^2$
25703	660	713	$\frac{1}{23}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	Φ_{713}
25704	660	659	$\frac{39}{659}$	$\frac{62}{659}$	$\frac{199}{659}$	$\frac{230}{659}$	$\Phi_{659}\ \Phi_{1}^2$
25705	660	659	$\frac{43}{659}$	$\frac{56}{659}$	$\frac{201}{659}$	$\frac{229}{659}$	$\Phi_{659}\ \Phi_{1}^2$
25706	660	1092	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{182}\ \Phi_{156}\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}$
25707	660	732	$\frac{4}{61}$	$\frac{1}{12}$	$\frac{19}{61}$	$\frac{21}{61}$	$\Phi_{732}\ \Phi_{366}\ \Phi_{244}\ \Phi_{183}\ \Phi_{122}$
25708	660	737	$\frac{4}{67}$	$\frac{1}{11}$	$\frac{21}{67}$	$\frac{23}{67}$	Φ_{737}
25709	660	659	$\frac{26}{659}$	$\frac{87}{659}$	$\frac{211}{659}$	$\frac{224}{659}$	$\Phi_{659}\ \Phi_{1}^2$
25710	660	798	$\frac{4}{133}$	$\frac{1}{6}$	$\frac{43}{133}$	$\frac{45}{133}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{266}\ \Phi_{114}\ \Phi_{57}\ \Phi_{42}\ \Phi_{38}\ \Phi_{21}\ \Phi_{14}$
25711	660	659	$\frac{8}{659}$	$\frac{217}{659}$	$\frac{219}{659}$	$\frac{221}{659}$	$\Phi_{659}\ \Phi_{1}^2$
25712	660	993	$\frac{4}{331}$	$\frac{109}{331}$	$\frac{1}{3}$	$\frac{111}{331}$	Φ_{993}
25713	660	246	$\frac{1}{82}$	$\frac{27}{82}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{246}^2\ \Phi_{123}^2\ \Phi_{82}^4\ \Phi_{41}^4\ \Phi_{6}^2\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
25714	660	168	$\frac{1}{56}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{56}^6\ \Phi_{42}^3\ \Phi_{28}^6\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{14}^6\ \Phi_{12}^2\ \Phi_{8}^6\ \Phi_{7}^6\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
25715	660	123	$\frac{1}{41}$	$\frac{8}{41}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{123}^4\ \Phi_{41}^8\ \Phi_{3}^5\ \Phi_{1}^{10}$
25716	660	102	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{102}^7\ \Phi_{51}^7\ \Phi_{34}^6\ \Phi_{17}^6\ \Phi_{6}^3\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
25717	660	399	$\frac{2}{57}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{399}^2\ \Phi_{133}^2\ \Phi_{21}$
25718	660	246	$\frac{5}{82}$	$\frac{7}{82}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{246}^2\ \Phi_{123}^2\ \Phi_{82}^4\ \Phi_{41}^4\ \Phi_{6}^2\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
25719	660	48	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{48}^{15}\ \Phi_{24}^{15}\ \Phi_{16}^{14}\ \Phi_{12}^{11}\ \Phi_{8}^{14}\ \Phi_{6}^{11}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
25720	660	390	$\frac{2}{65}$	$\frac{1}{6}$	$\frac{21}{65}$	$\frac{1}{3}$	$\Phi_{390}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_{6}^4\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
25721	660	567	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{567}^2\ \Phi_{21}$
25722	660	993	$\frac{13}{331}$	$\frac{45}{331}$	$\frac{106}{331}$	$\frac{1}{3}$	Φ_{993}
25723	660	528	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{33}^3$
25724	660	348	$\frac{2}{29}$	$\frac{1}{12}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{348}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{12}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
25725	660	993	$\frac{23}{331}$	$\frac{28}{331}$	$\frac{101}{331}$	$\frac{1}{3}$	Φ_{993}
25726	660	993	$\frac{21}{331}$	$\frac{31}{331}$	$\frac{100}{331}$	$\frac{1}{3}$	Φ_{993}
25727	660	1008	$\frac{1}{16}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
25728	660	483	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{483}^2\ \Phi_{69}^3$
25729	660	627	$\frac{2}{57}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{627}\ \Phi_{209}\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_{11}\ \Phi_{1}^2$
25730	660	993	$\frac{11}{331}$	$\frac{64}{331}$	$\frac{89}{331}$	$\frac{1}{3}$	Φ_{993}
25731	660	465	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{465}\ \Phi_{155}^2\ \Phi_{93}^2\ \Phi_{31}^2$
25732	660	918	$\frac{1}{34}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{918}\ \Phi_{459}\ \Phi_{102}\ \Phi_{54}\ \Phi_{51}\ \Phi_{6}$
25733	660	1140	$\frac{2}{57}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{190}\ \Phi_{20}\ \Phi_{10}$
25734	660	1308	$\frac{4}{109}$	$\frac{21}{109}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1308}\ \Phi_{654}\ \Phi_{12}^2\ \Phi_{6}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
25735	660	276	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{276}^3\ \Phi_{138}\ \Phi_{92}^4\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{23}^2$
25736	660	1308	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1308}\ \Phi_{654}\ \Phi_{12}^2\ \Phi_{6}^2$
25737	660	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^5\ \Phi_{66}^5\ \Phi_{44}^6\ \Phi_{33}^6\ \Phi_{22}^6\ \Phi_{11}^6$
25738	660	504	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{21}$
25739	660	819	$\frac{7}{117}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{91}\ \Phi_{21}$
25740	660	336	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{84}^3\ \Phi_{48}^4\ \Phi_{42}\ \Phi_{24}^4\ \Phi_{21}^2\ \Phi_{12}^4\ \Phi_{6}^2\ \Phi_{3}^2$
25741	660	210	$\frac{2}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^4\ \Phi_{105}^2\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}^4\ \Phi_{10}^2\ \Phi_{7}^4\ \Phi_{6}^4\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
25742	660	189	$\frac{2}{27}$	$\frac{1}{7}$	$\frac{5}{27}$	$\frac{1}{3}$	$\Phi_{189}^4\ \Phi_{63}^4\ \Phi_{21}^5\ \Phi_{7}^4$
25743	660	993	$\frac{26}{331}$	$\frac{45}{331}$	$\frac{61}{331}$	$\frac{1}{3}$	Φ_{993}
25744	660	1320	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{33}$
25745	660	348	$\frac{1}{12}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{348}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{12}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
25746	660	993	$\frac{25}{331}$	$\frac{51}{331}$	$\frac{56}{331}$	$\frac{1}{3}$	Φ_{993}
25747	660	78	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{78}^{10}\ \Phi_{39}^5\ \Phi_{26}^{10}\ \Phi_{13}^{10}\ \Phi_{6}^{12}\ \Phi_{3}^6\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
25748	660	84	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{84}^{10}\ \Phi_{42}^8\ \Phi_{28}^{10}\ \Phi_{21}^9\ \Phi_{14}^8\ \Phi_{7}^8$
25749	660	63	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{63}^{10}\ \Phi_{21}^{11}\ \Phi_{9}^{12}\ \Phi_{7}^{10}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
25750	660	885	$\frac{2}{59}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{19}{59}$	$\Phi_{885}\ \Phi_{177}\ \Phi_{59}\ \Phi_{15}^2\ \Phi_{3}^2\ \Phi_{1}^2$
25751	660	891	$\frac{1}{27}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{26}{81}$	$\Phi_{891}\ \Phi_{81}^2\ \Phi_{11}\ \Phi_{1}^2$
25752	660	1620	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{26}{81}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{20}\ \Phi_{10}$
25753	660	114	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{13}{57}$	$\frac{6}{19}$	$\Phi_{114}^7\ \Phi_{57}^4\ \Phi_{38}^7\ \Phi_{19}^6\ \Phi_{6}^6\ \Phi_{3}^3\ \Phi_{2}^6\ \Phi_{1}^6$
25754	660	204	$\frac{1}{17}$	$\frac{7}{51}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{204}^4\ \Phi_{102}^4\ \Phi_{68}^5\ \Phi_{34}^5\ \Phi_{12}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{2}^4$
25755	660	304	$\frac{1}{16}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{16}$	$\Phi_{304}^2\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}^3\ \Phi_{16}^4\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
25756	660	240	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{16}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^2\ \Phi_{60}^4\ \Phi_{40}^2\ \Phi_{30}^5\ \Phi_{20}^2\ \Phi_{15}^5\ \Phi_{10}^3\ \Phi_{5}^2$
25757	660	406	$\frac{2}{29}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{9}{29}$	$\Phi_{406}^2\ \Phi_{203}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{14}^4\ \Phi_{7}^2\ \Phi_{2}^4\ \Phi_{1}^4$
25758	660	659	$\frac{47}{659}$	$\frac{91}{659}$	$\frac{142}{659}$	$\frac{204}{659}$	$\Phi_{659}\ \Phi_{1}^2$
25759	660	798	$\frac{10}{133}$	$\frac{1}{6}$	$\frac{23}{133}$	$\frac{41}{133}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{266}\ \Phi_{114}\ \Phi_{57}\ \Phi_{42}\ \Phi_{38}\ \Phi_{21}\ \Phi_{14}$
25760	660	659	$\frac{50}{659}$	$\frac{109}{659}$	$\frac{114}{659}$	$\frac{203}{659}$	$\Phi_{659}\ \Phi_{1}^2$
25761	660	830	$\frac{13}{166}$	$\frac{23}{166}$	$\frac{1}{5}$	$\frac{51}{166}$	$\Phi_{830}\ \Phi_{415}\ \Phi_{10}$
25762	660	126	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{19}{63}$	$\Phi_{126}^9\ \Phi_{63}^6\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}^9\ \Phi_{14}\ \Phi_{9}^6$
25763	660	156	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{4}$	$\frac{23}{78}$	$\Phi_{156}^8\ \Phi_{78}^4\ \Phi_{52}\ \Phi_{39}^4\ \Phi_{26}\ \Phi_{12}^8\ \Phi_{6}^4\ \Phi_{3}^4$
25764	660	936	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{117}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
25765	660	301	$\frac{3}{43}$	$\frac{1}{7}$	$\frac{10}{43}$	$\frac{2}{7}$	$\Phi_{301}^2\ \Phi_{43}^3\ \Phi_{7}^4\ \Phi_{1}^6$
25766	660	182	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{182}^5\ \Phi_{91}^3\ \Phi_{26}^5\ \Phi_{13}^2$
25767	660	420	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{10}^3$
25768	660	294	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{294}^3\ \Phi_{147}^3\ \Phi_{98}^3\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
25769	660	659	$\frac{43}{659}$	$\frac{101}{659}$	$\frac{154}{659}$	$\frac{186}{659}$	$\Phi_{659}\ \Phi_{1}^2$
25770	660	612	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{1}{4}$	$\frac{43}{153}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{68}\ \Phi_{36}^2\ \Phi_{34}\ \Phi_{18}^2$
25771	660	732	$\frac{1}{12}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	$\Phi_{732}\ \Phi_{366}\ \Phi_{244}\ \Phi_{183}\ \Phi_{122}$
25772	660	792	$\frac{1}{18}$	$\frac{2}{11}$	$\frac{17}{72}$	$\frac{3}{11}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{72}^2\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
25773	660	297	$\frac{2}{27}$	$\frac{2}{11}$	$\frac{5}{27}$	$\frac{3}{11}$	$\Phi_{297}^2\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{27}^4\ \Phi_{11}^3\ \Phi_9^4\ \Phi_3^4\ \Phi_1^6$
25774	660	132	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{132}^5\ \Phi_{66}^4\ \Phi_{44}^5\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{12}^{10}\ \Phi_{11}^5\ \Phi_6^8\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
25775	660	693	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{77}\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_1^2$
25776	660	659	$\frac{49}{659}$	$\frac{120}{659}$	$\frac{122}{659}$	$\frac{179}{659}$	$\Phi_{659}\ \Phi_1^2$
25777	660	830	$\frac{11}{166}$	$\frac{31}{166}$	$\frac{1}{5}$	$\frac{45}{166}$	$\Phi_{830}\ \Phi_{415}\ \Phi_{10}$
25778	660	420	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}^3\ \Phi_{30}\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
25779	660	885	$\frac{3}{59}$	$\frac{1}{5}$	$\frac{14}{59}$	$\frac{4}{15}$	$\Phi_{885}\ \Phi_{177}\ \Phi_{59}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
25780	660	240	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^4$
25781	660	885	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{885}\ \Phi_{177}\ \Phi_{59}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
25782	660	390	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{390}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{78}^3\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{13}^2$
25783	660	885	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{885}\ \Phi_{177}\ \Phi_{59}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
25784	660	1155	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{77}$
25785	660	659	$\frac{44}{659}$	$\frac{123}{659}$	$\frac{134}{659}$	$\frac{175}{659}$	$\Phi_{659}\ \Phi_1^2$
25786	660	732	$\frac{1}{12}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{732}\ \Phi_{366}\ \Phi_{244}\ \Phi_{183}\ \Phi_{122}$
25787	660	659	$\frac{51}{659}$	$\frac{98}{659}$	$\frac{152}{659}$	$\frac{169}{659}$	$\Phi_{659}\ \Phi_1^2$
25788	660	798	$\frac{9}{133}$	$\frac{1}{6}$	$\frac{31}{133}$	$\frac{34}{133}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{266}\ \Phi_{114}\ \Phi_{57}\ \Phi_{42}\ \Phi_{38}\ \Phi_{21}\ \Phi_{14}$
25789	660	360	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{17}{72}$	$\frac{1}{4}$	$\Phi_{360}^3\ \Phi_{180}\ \Phi_{120}^3\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
25790	660	68	$\frac{1}{17}$	$\frac{13}{68}$	$\frac{4}{17}$	$\frac{1}{4}$	$\Phi_{68}^9\ \Phi_{34}^9\ \Phi_{17}^{12}\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{12}$
25791	660	516	$\frac{3}{43}$	$\frac{1}{6}$	$\frac{10}{43}$	$\frac{1}{4}$	$\Phi_{516}^2\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{43}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
25792	660	52	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{52}^{17}\ \Phi_{26}^{17}\ \Phi_4^{16}\ \Phi_2^{16}$
25793	660	308	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{308}^3\ \Phi_{154}\ \Phi_{77}^2\ \Phi_{44}^4\ \Phi_{22}^2\ \Phi_{11}^2$
25794	660	228	$\frac{1}{12}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{228}^3\ \Phi_{114}^3\ \Phi_{76}^2\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{19}^3\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
25795	660	884	$\frac{16}{221}$	$\frac{41}{221}$	$\frac{45}{221}$	$\frac{1}{4}$	$\Phi_{884}\ \Phi_{442}\ \Phi_{68}\ \Phi_{52}\ \Phi_{34}\ \Phi_{26}$
25796	660	540	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{10}^3$
25797	660	60	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{60}^{13}\ \Phi_{30}^{14}\ \Phi_{20}^{14}\ \Phi_{15}^{14}\ \Phi_{10}^{15}\ \Phi_5^{14}$
25798	660	1260	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{70}\ \Phi_{20}\ \Phi_{10}$
25799	660	204	$\frac{2}{17}$	$\frac{7}{51}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{204}^5\ \Phi_{102}^5\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{12}^5\ \Phi_6^5\ \Phi_4^2\ \Phi_2^2$
25800	660	406	$\frac{4}{29}$	$\frac{1}{7}$	$\frac{5}{29}$	$\frac{3}{14}$	$\Phi_{406}^2\ \Phi_{203}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
25801	660	42	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{42}^{19}\ \Phi_{21}^{19}\ \Phi_{14}^7\ \Phi_7^{12}\ \Phi_6^{18}\ \Phi_3^{18}\ \Phi_2^6\ \Phi_1^{12}$
25802	660	760	$\frac{1}{8}$	$\frac{3}{19}$	$\frac{7}{40}$	$\frac{4}{19}$	$\Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
25803	660	114	$\frac{5}{38}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\Phi_{114}^7\ \Phi_{57}^7\ \Phi_{38}^3\ \Phi_{19}^4\ \Phi_6^6\ \Phi_3^6\ \Phi_2^2\ \Phi_1^4$
25804	660	120	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{40}$	$\frac{1}{5}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{40}^3\ \Phi_{30}^7\ \Phi_{24}^8\ \Phi_{20}^3\ \Phi_{15}^7\ \Phi_{12}^8\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^8\ \Phi_5^3\ \Phi_4^4\ \Phi_3^8\ \Phi_2^4\ \Phi_1^4$
25805	661	1056	$\frac{1}{132}$	$\frac{133}{528}$	$\frac{395}{1056}$	$\frac{131}{264}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{264}\ \Phi_{96}\ \Phi_{88}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
25806	661	1312	$\frac{5}{656}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{651}{1312}$	$\Phi_{1312}\ \Phi_{32}\ \Phi_8\ \Phi_1$
25807	661	1200	$\frac{1}{60}$	$\frac{61}{600}$	$\frac{539}{1200}$	$\frac{59}{120}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
25808	661	1296	$\frac{13}{648}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{635}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
25809	661	1296	$\frac{13}{648}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{635}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
25810	661	888	$\frac{5}{222}$	$\frac{1}{6}$	$\frac{227}{888}$	$\frac{217}{444}$	$\Phi_{888}\ \Phi_{296}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{24}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
25811	661	1232	$\frac{1}{44}$	$\frac{45}{616}$	$\frac{571}{1232}$	$\frac{43}{88}$	$\Phi_{1232}\ \Phi_{176}\ \Phi_{112}\ \Phi_{88}\ \Phi_{16}\ \Phi_8\ \Phi_1$
25812	661	1280	$\frac{21}{640}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{619}{1280}$	$\Phi_{1280}\ \Phi_{256}\ \Phi_{40}\ \Phi_8\ \Phi_1$
25813	661	714	$\frac{2}{51}$	$\frac{53}{714}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{119}\ \Phi_{51}\ \Phi_{42}\ \Phi_{21}\ \Phi_{17}\ \Phi_{14}\ \Phi_7\ \Phi_1$
25814	661	760	$\frac{4}{95}$	$\frac{99}{760}$	$\frac{1}{5}$	$\frac{91}{190}$	$\Phi_{760}\ \Phi_{380}\ \Phi_{152}\ \Phi_{95}\ \Phi_{76}\ \Phi_{40}\ \Phi_{20}\ \Phi_{19}\ \Phi_8\ \Phi_4\ \Phi_1$
25815	661	1260	$\frac{31}{630}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{599}{1260}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
25816	661	1260	$\frac{31}{630}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{599}{1260}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
25817	661	960	$\frac{1}{20}$	$\frac{21}{320}$	$\frac{299}{960}$	$\frac{19}{40}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
25818	661	720	$\frac{1}{20}$	$\frac{59}{720}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
25819	661	800	$\frac{1}{20}$	$\frac{21}{160}$	$\frac{139}{800}$	$\frac{19}{40}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_8\ \Phi_1$
25820	661	702	$\frac{2}{39}$	$\frac{41}{702}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{702}\ \Phi_{351}\ \Phi_{234}\ \Phi_{117}\ \Phi_{54}\ \Phi_{39}\ \Phi_{27}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_1$
25821	661	1248	$\frac{2}{39}$	$\frac{37}{624}$	$\frac{1}{3}$	$\frac{587}{1248}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{96}\ \Phi_{39}\ \Phi_{32}\ \Phi_{13}\ \Phi_1$
25822	661	1248	$\frac{37}{624}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{587}{1248}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
25823	661	900	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{239}{900}$	$\frac{211}{450}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
25824	661	1224	$\frac{2}{51}$	$\frac{49}{612}$	$\frac{1}{3}$	$\frac{563}{1224}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{136}\ \Phi_{72}\ \Phi_{51}\ \Phi_{24}\ \Phi_{17}\ \Phi_8\ \Phi_1$
25825	661	864	$\frac{13}{216}$	$\frac{1}{12}$	$\frac{203}{864}$	$\frac{11}{24}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
25826	661	720	$\frac{59}{720}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
25827	661	1200	$\frac{1}{15}$	$\frac{61}{600}$	$\frac{14}{75}$	$\frac{539}{1200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{80}\ \Phi_{75}\ \Phi_{48}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
25828	661	810	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{149}{810}$	$\frac{121}{270}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{162}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_9\ \Phi_1$
25829	661	1188	$\frac{1}{33}$	$\frac{67}{594}$	$\frac{32}{99}$	$\frac{527}{1188}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
25830	661	700	$\frac{39}{700}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{50}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_7\ \Phi_4\ \Phi_1$
25831	661	768	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{107}{768}$	$\frac{85}{192}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
25832	661	1176	$\frac{1}{12}$	$\frac{73}{588}$	$\frac{11}{84}$	$\frac{515}{1176}$	$\Phi_{1176}\ \Phi_{392}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
25833	661	924	$\frac{1}{33}$	$\frac{32}{231}$	$\frac{263}{924}$	$\frac{199}{462}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{231}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
25834	661	1152	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{85}{576}$	$\frac{491}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
25835	661	1140	$\frac{4}{95}$	$\frac{91}{570}$	$\frac{1}{5}$	$\frac{479}{1140}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{228}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{20}\ \Phi_{19}\ \Phi_{12}\ \Phi_4\ \Phi_1$
25836	661	750	$\frac{1}{15}$	$\frac{89}{750}$	$\frac{14}{75}$	$\frac{61}{150}$	$\Phi_{750}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{75}\ \Phi_{25}\ \Phi_1$
25837	661	1080	$\frac{1}{60}$	$\frac{121}{540}$	$\frac{59}{180}$	$\frac{419}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
25838	661	1080	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{121}{540}$	$\frac{419}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
25839	661	960	$\frac{1}{60}$	$\frac{59}{240}$	$\frac{299}{960}$	$\frac{181}{480}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
25840	661	984	$\frac{5}{328}$	$\frac{1}{4}$	$\frac{323}{984}$	$\frac{3}{8}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
25841	661	672	$\frac{11}{672}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
25842	661	1056	$\frac{1}{44}$	$\frac{43}{176}$	$\frac{133}{528}$	$\frac{395}{1056}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{176}\ \Phi_{96}\ \Phi_{88}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
25843	661	684	$\frac{23}{684}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_1$
25844	661	720	$\frac{1}{15}$	$\frac{59}{720}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
25845	661	1008	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{157}{504}$	$\frac{347}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
25846	661	792	$\frac{1}{33}$	$\frac{131}{792}$	$\frac{32}{99}$	$\frac{67}{198}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
25847	661	765	$\frac{2}{51}$	$\frac{104}{765}$	$\frac{49}{153}$	$\frac{1}{3}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}\ \Phi_{17}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
25848	661	936	$\frac{2}{39}$	$\frac{37}{312}$	$\frac{275}{936}$	$\frac{1}{3}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{117}\ \Phi_{72}\ \Phi_{39}\ \Phi_{36}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
25849	661	918	$\frac{2}{51}$	$\frac{49}{306}$	$\frac{257}{918}$	$\frac{1}{3}$	$\Phi_{918}\ \Phi_{459}\ \Phi_{54}\ \Phi_{51}\ \Phi_{27}\ \Phi_{17}\ \Phi_{1}$
25850	661	816	$\frac{2}{51}$	$\frac{155}{816}$	$\frac{49}{204}$	$\frac{1}{3}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{136}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_{17}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
25851	661	780	$\frac{2}{39}$	$\frac{119}{780}$	$\frac{37}{156}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{65}\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
25852	661	891	$\frac{1}{33}$	$\frac{67}{297}$	$\frac{230}{891}$	$\frac{32}{99}$	$\Phi_{891}\ \Phi_{99}\ \Phi_{81}\ \Phi_{9}\ \Phi_{1}$
25853	661	972	$\frac{13}{324}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{311}{972}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
25854	661	855	$\frac{4}{95}$	$\frac{1}{5}$	$\frac{194}{855}$	$\frac{91}{285}$	$\Phi_{855}\ \Phi_{171}\ \Phi_{95}\ \Phi_{45}\ \Phi_{19}\ \Phi_{9}\ \Phi_{1}$
25855	661	945	$\frac{1}{15}$	$\frac{31}{315}$	$\frac{284}{945}$	$\frac{14}{45}$	$\Phi_{945}\ \Phi_{189}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
25856	661	945	$\frac{31}{315}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{284}{945}$	$\Phi_{945}\ \Phi_{189}\ \Phi_{135}\ \Phi_{35}\ \Phi_{27}\ \Phi_{7}\ \Phi_{1}$
25857	661	735	$\frac{74}{735}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}\ \Phi_{49}\ \Phi_{35}\ \Phi_{7}\ \Phi_{1}$
25858	661	864	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{203}{864}$	$\frac{85}{288}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
25859	661	702	$\frac{41}{702}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{702}\ \Phi_{351}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
25860	661	864	$\frac{13}{216}$	$\frac{1}{6}$	$\frac{203}{864}$	$\frac{5}{18}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
25861	661	810	$\frac{13}{162}$	$\frac{1}{6}$	$\frac{149}{810}$	$\frac{5}{18}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
25862	661	720	$\frac{59}{720}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
25863	661	756	$\frac{13}{108}$	$\frac{95}{756}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
25864	661	900	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{61}{300}$	$\frac{239}{900}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{225}\ \Phi_{180}\ \Phi_{90}\ \Phi_{75}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
25865	661	840	$\frac{4}{35}$	$\frac{31}{210}$	$\frac{1}{5}$	$\frac{179}{840}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
25866	662	1968	$\frac{3}{328}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{325}{656}$	$\Phi_{1968}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
25867	662	336	$\frac{5}{336}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
25868	662	498	$\frac{1}{83}$	$\frac{82}{249}$	$\frac{1}{3}$	$\frac{167}{498}$	$\Phi_{498}^2\ \Phi_{249}\ \Phi_{166}^2\ \Phi_{6}^2\ \Phi_{2}^2$
25869	662	492	$\frac{3}{164}$	$\frac{1}{4}$	$\frac{161}{492}$	$\frac{1}{3}$	$\Phi_{492}\ \Phi_{246}\ \Phi_{164}^2\ \Phi_{123}\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
25870	663	876	$\frac{2}{219}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{217}{438}$	$\Phi_{876}\ \Phi_{292}\ \Phi_{219}\ \Phi_{73}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
25871	663	296	$\frac{1}{74}$	$\frac{1}{4}$	$\frac{75}{296}$	$\frac{73}{148}$	$\Phi_{296}^3\ \Phi_{148}^2\ \Phi_{74}\ \Phi_{37}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
25872	663	600	$\frac{1}{50}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{49}{100}$	$\Phi_{600}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{100}\ \Phi_{40}^2\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
25873	663	300	$\frac{1}{50}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{300}^4\ \Phi_{100}^5\ \Phi_{60}^4\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{5}\ \Phi_{4}^5\ \Phi_{1}$
25874	663	900	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{49}{100}$	$\Phi_{900}^2\ \Phi_{180}^2\ \Phi_{100}\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{18}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
25875	663	400	$\frac{1}{50}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{49}{100}$	$\Phi_{400}^2\ \Phi_{200}^2\ \Phi_{100}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
25876	663	432	$\frac{5}{216}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{211}{432}$	$\Phi_{432}^3\ \Phi_{144}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
25877	663	608	$\frac{1}{38}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{37}{76}$	$\Phi_{608}^2\ \Phi_{76}\ \Phi_{32}^3\ \Phi_{4}\ \Phi_{1}$
25878	663	456	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{37}{76}$	$\Phi_{456}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}\ \Phi_{57}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}\ \Phi_{3}^3\ \Phi_{1}$
25879	663	380	$\frac{1}{38}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{37}{76}$	$\Phi_{380}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{76}\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_{5}^3\ \Phi_{4}\ \Phi_{1}$
25880	663	608	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{6}{19}$	$\frac{15}{32}$	$\Phi_{608}^2\ \Phi_{32}^3\ \Phi_{19}^2\ \Phi_{1}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
25881	663	224	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{224}^6\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
25882	663	600	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{8}{25}$	$\frac{11}{24}$	$\Phi_{600}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_{24}^3\ \Phi_8^3\ \Phi_5^2\ \Phi_1^3$
25883	663	72	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{72}^{18}\ \Phi_{36}^2\ \Phi_{24}^{15}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8^{15}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
25884	663	1320	$\frac{4}{55}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{88}\ \Phi_{55}\ \Phi_{24}\ \Phi_{11}\ \Phi_8\ \Phi_1$
25885	663	120	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{11}{24}$	$\Phi_{120}^{10}\ \Phi_{40}^{10}\ \Phi_{24}^{11}\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^{11}\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
25886	663	630	$\frac{1}{18}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
25887	663	144	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{144}^4\ \Phi_{72}^6\ \Phi_{48}^4\ \Phi_{36}^6\ \Phi_{24}^6\ \Phi_{18}^5\ \Phi_{16}^2\ \Phi_{12}^6\ \Phi_9^5\ \Phi_8^3\ \Phi_6^5\ \Phi_4^3\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
25888	663	120	$\frac{1}{40}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^6\ \Phi_{20}^5\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_8^5\ \Phi_6^5\ \Phi_5^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
25889	663	120	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{40}^5\ \Phi_{30}^6\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^5\ \Phi_5^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
25890	663	228	$\frac{7}{228}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{228}^3\ \Phi_{114}^3\ \Phi_{76}^3\ \Phi_{57}^3\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
25891	663	740	$\frac{1}{37}$	$\frac{36}{185}$	$\frac{1}{4}$	$\frac{149}{370}$	$\Phi_{740}\ \Phi_{185}\ \Phi_{148}^2\ \Phi_{74}\ \Phi_{37}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
25892	663	225	$\frac{4}{225}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{225}^3\ \Phi_{75}^3\ \Phi_{45}^3\ \Phi_{25}^3\ \Phi_{15}^2\ \Phi_9^3\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
25893	663	576	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{576}^2\ \Phi_{192}^2\ \Phi_{72}^2\ \Phi_{64}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
25894	663	56	$\frac{1}{14}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{56}^{11}\ \Phi_{28}^{13}\ \Phi_{14}^{12}\ \Phi_8^{12}\ \Phi_7^{12}\ \Phi_4^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
25895	663	180	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{180}^6\ \Phi_{90}^2\ \Phi_{60}^6\ \Phi_{45}^2\ \Phi_{36}^6\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}^6\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4^3\ \Phi_3\ \Phi_1$
25896	663	182	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{182}^4\ \Phi_{91}^4\ \Phi_{26}\ \Phi_{14}^3\ \Phi_{13}^3\ \Phi_7^3\ \Phi_1^3$
25897	663	331	$\frac{4}{331}$	$\frac{109}{331}$	$\frac{110}{331}$	$\frac{111}{331}$	$\Phi_{331}^2\ \Phi_1^3$
25898	663	285	$\frac{2}{95}$	$\frac{64}{285}$	$\frac{31}{95}$	$\frac{1}{3}$	$\Phi_{285}^2\ \Phi_{95}^3\ \Phi_{57}^2\ \Phi_{19}^3\ \Phi_{15}^2\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
25899	663	75	$\frac{1}{25}$	$\frac{2}{15}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{75}^8\ \Phi_{25}^{10}\ \Phi_{15}^9\ \Phi_5^{11}\ \Phi_3^8\ \Phi_1^{11}$
25900	663	180	$\frac{1}{18}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^6\ \Phi_{90}^3\ \Phi_{60}^5\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^5\ \Phi_{18}\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
25901	663	165	$\frac{4}{55}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{165}^4\ \Phi_{55}^5\ \Phi_{33}^4\ \Phi_{15}\ \Phi_{11}^5\ \Phi_5\ \Phi_1$
25902	663	60	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{3}{20}$	$\frac{1}{3}$	$\Phi_{60}^{12}\ \Phi_{30}^8\ \Phi_{20}^{15}\ \Phi_{15}^9\ \Phi_{12}^{12}\ \Phi_{10}^{10}\ \Phi_6^8\ \Phi_5^{11}\ \Phi_4^{15}\ \Phi_3^8\ \Phi_2^{10}\ \Phi_1^{11}$
25903	663	450	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{8}{25}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{18}^3\ \Phi_9^3\ \Phi_5^2\ \Phi_1^3$
25904	663	400	$\frac{1}{25}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{8}{25}$	$\Phi_{400}^2\ \Phi_{200}^2\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_5^2\ \Phi_1^3$
25905	663	324	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{103}{324}$	$\Phi_{324}^3\ \Phi_{162}^3\ \Phi_{81}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
25906	663	456	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{6}{19}$	$\Phi_{456}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{24}^3\ \Phi_{19}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
25907	663	380	$\frac{1}{19}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{380}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{20}^3\ \Phi_{19}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1^3$
25908	663	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{168}^6\ \Phi_{84}^6\ \Phi_{42}^6\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^6\ \Phi_{14}\ \Phi_{12}^3\ \Phi_7\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
25909	663	36	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{36}^{24}\ \Phi_{18}^{12}\ \Phi_{12}^{26}\ \Phi_9^{12}\ \Phi_6^{13}\ \Phi_4^{25}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
25910	663	990	$\frac{4}{55}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{198}\ \Phi_{99}\ \Phi_{55}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
25911	663	180	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{180}^6\ \Phi_{90}^4\ \Phi_{45}^4\ \Phi_{36}^6\ \Phi_{20}^3\ \Phi_{18}^5\ \Phi_{10}^2\ \Phi_9^5\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
25912	663	144	$\frac{1}{18}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{144}^6\ \Phi_{72}^6\ \Phi_{48}^6\ \Phi_{36}^2\ \Phi_{24}^6\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_9\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
25913	663	140	$\frac{1}{14}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^6\ \Phi_{70}^6\ \Phi_{35}^6\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{14}\ \Phi_{10}^3\ \Phi_7\ \Phi_5^3\ \Phi_4\ \Phi_1$
25914	663	288	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{288}$	$\frac{1}{4}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
25915	663	240	$\frac{19}{240}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
25916	663	448	$\frac{1}{14}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{448}^2\ \Phi_{224}^2\ \Phi_{64}\ \Phi_{32}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
25917	663	880	$\frac{4}{55}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{176}\ \Phi_{88}\ \Phi_{55}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
25918	663	80	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{80}^{10}\ \Phi_{40}^{10}\ \Phi_{20}^3\ \Phi_{16}^{11}\ \Phi_{10}^2\ \Phi_8^{11}\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
25919	663	540	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{270}$	$\frac{1}{4}$	$\Phi_{540}^2\ \Phi_{270}\ \Phi_{180}^2\ \Phi_{135}\ \Phi_{90}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
25920	663	252	$\frac{31}{252}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_7^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
25921	664	165	$\frac{1}{165}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{82}{165}$	$\Phi_{165}^4\ \Phi_{55}^4\ \Phi_{33}^4\ \Phi_{15}^4\ \Phi_{11}^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
25922	664	663	$\frac{5}{663}$	$\frac{167}{663}$	$\frac{248}{663}$	$\frac{329}{663}$	$\Phi_{663}\ \Phi_{221}\ \Phi_{51}\ \Phi_{39}\ \Phi_{17}\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
25923	664	111	$\frac{1}{111}$	$\frac{28}{111}$	$\frac{1}{3}$	$\frac{55}{111}$	$\Phi_{111}^6\ \Phi_{37}^6\ \Phi_3^5\ \Phi_1^6$
25924	664	657	$\frac{7}{657}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{325}{657}$	$\Phi_{657}\ \Phi_{219}\ \Phi_{73}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
25925	664	1148	$\frac{1}{82}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{81}{164}$	$\Phi_{1148}\ \Phi_{164}^2\ \Phi_{28}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
25926	664	2460	$\frac{1}{82}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{81}{164}$	$\Phi_{2460}\ \Phi_{60}\ \Phi_{15}$
25927	664	221	$\frac{3}{221}$	$\frac{55}{221}$	$\frac{56}{221}$	$\frac{109}{221}$	$\Phi_{221}^3\ \Phi_{17}^3\ \Phi_{13}^3\ \Phi_1^4$
25928	664	153	$\frac{1}{51}$	$\frac{13}{153}$	$\frac{70}{153}$	$\frac{25}{51}$	$\Phi_{153}^4\ \Phi_{51}^5\ \Phi_{17}^5\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
25929	664	459	$\frac{1}{51}$	$\frac{26}{153}$	$\frac{127}{459}$	$\frac{25}{51}$	$\Phi_{459}^2\ \Phi_{51}\ \Phi_{27}^2\ \Phi_{17}\ \Phi_3\ \Phi_1^2$
25930	664	102	$\frac{1}{51}$	$\frac{19}{102}$	$\frac{13}{51}$	$\frac{25}{51}$	$\Phi_{102}^8\ \Phi_{51}^5\ \Phi_{34}^8\ \Phi_{17}^5\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
25931	664	325	$\frac{7}{325}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{159}{325}$	$\Phi_{325}^2\ \Phi_{65}^2\ \Phi_{25}^2\ \Phi_{13}^3\ \Phi_5^2\ \Phi_1^4$
25932	664	162	$\frac{2}{81}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{162}^8\ \Phi_{54}^8\ \Phi_{18}^8\ \Phi_9^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
25933	664	156	$\frac{1}{39}$	$\frac{5}{78}$	$\frac{73}{156}$	$\frac{19}{39}$	$\Phi_{156}^8\ \Phi_{52}^8\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}^8\ \Phi_4^8\ \Phi_3\ \Phi_1^2$
25934	664	117	$\frac{1}{39}$	$\frac{5}{39}$	$\frac{34}{117}$	$\frac{19}{39}$	$\Phi_{117}^8\ \Phi_{39}\ \Phi_{13}\ \Phi_9^8\ \Phi_3\ \Phi_1^2$
25935	664	195	$\frac{1}{39}$	$\frac{29}{195}$	$\frac{10}{39}$	$\frac{19}{39}$	$\Phi_{195}^4\ \Phi_{65}^4\ \Phi_{39}\ \Phi_{15}^4\ \Phi_{13}\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
25936	664	555	$\frac{1}{37}$	$\frac{19}{185}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{555}^2\ \Phi_{111}\ \Phi_{15}^2$
25937	664	323	$\frac{9}{323}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{157}{323}$	$\Phi_{323}^2\ \Phi_{19}^2\ \Phi_{17}^3\ \Phi_1^4$
25938	664	1008	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
25939	664	1440	$\frac{3}{80}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{96}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
25940	664	156	$\frac{5}{78}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{73}{156}$	$\Phi_{156}^8\ \Phi_{52}^8\ \Phi_{13}^3\ \Phi_{12}^8\ \Phi_4^8\ \Phi_1^4$
25941	664	156	$\frac{5}{78}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{73}{156}$	$\Phi_{156}^8\ \Phi_{52}^8\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}^8\ \Phi_4^8\ \Phi_3\ \Phi_1^2$
25942	664	468	$\frac{5}{78}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{73}{156}$	$\Phi_{468}^3\ \Phi_{156}^2\ \Phi_{52}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
25943	664	195	$\frac{1}{13}$	$\frac{7}{65}$	$\frac{29}{195}$	$\frac{6}{13}$	$\Phi_{195}^4\ \Phi_{65}^2\ \Phi_{39}^4\ \Phi_{15}^4\ \Phi_{13}^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
25944	664	1386	$\frac{6}{77}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{71}{154}$	$\Phi_{1386}\ \Phi_{462}\ \Phi_{198}\ \Phi_{126}\ \Phi_{66}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_6$
25945	664	288	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{13}{96}$	$\frac{11}{24}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{36}^3\ \Phi_{32}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
25946	664	153	$\frac{1}{17}$	$\frac{13}{153}$	$\frac{4}{17}$	$\frac{70}{153}$	$\Phi_{153}^4\ \Phi_{51}^4\ \Phi_{17}^7\ \Phi_9^4\ \Phi_3^4\ \Phi_1^8$
25947	664	171	$\frac{5}{171}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{171}^4\ \Phi_{57}^4\ \Phi_{19}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
25948	664	595	$\frac{1}{17}$	$\frac{69}{595}$	$\frac{16}{85}$	$\frac{263}{595}$	$\Phi_{595}\ \Phi_{119}\ \Phi_{85}^2\ \Phi_{35}\ \Phi_{17}\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
25949	664	102	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{19}{102}$	$\frac{15}{34}$	$\Phi_{102}^8\ \Phi_{51}^8\ \Phi_{17}^7\ \Phi_6^8\ \Phi_3^8\ \Phi_1^8$
25950	664	444	$\frac{1}{37}$	$\frac{9}{74}$	$\frac{1}{3}$	$\frac{65}{148}$	$\Phi_{444}^4\ \Phi_{111}\ \Phi_{12}^4$
25951	664	585	$\frac{1}{39}$	$\frac{79}{585}$	$\frac{38}{117}$	$\frac{253}{585}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{117}^2\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
25952	664	861	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{40}{123}$	$\frac{3}{7}$	$\Phi_{861}\ \Phi_{123}^2\ \Phi_{21}\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
25953	664	144	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{72}$	$\frac{61}{144}$	$\Phi_{144}^8\ \Phi_{48}^8\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{16}^8\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
25954	664	117	$\frac{1}{39}$	$\frac{19}{117}$	$\frac{34}{117}$	$\frac{49}{117}$	$\Phi_{117}^6\ \Phi_{39}^5\ \Phi_{13}^5\ \Phi_9^6\ \Phi_3^5\ \Phi_1^6$
25955	664	85	$\frac{2}{85}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{85}^8\ \Phi_{17}^7\ \Phi_5^8\ \Phi_1^8$
25956	664	1260	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{70}$	$\frac{57}{140}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
25957	664	555	$\frac{2}{111}$	$\frac{109}{555}$	$\frac{1}{3}$	$\frac{223}{555}$	$\Phi_{555}\ \Phi_{185}\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
25958	664	136	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{15}{68}$	$\frac{53}{136}$	$\Phi_{136}^8\ \Phi_{17}^7\ \Phi_8^8\ \Phi_1^8$
25959	664	91	$\frac{1}{13}$	$\frac{8}{91}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{91}^8\ \Phi_{13}^3\ \Phi_7^8\ \Phi_1^4$
25960	664	792	$\frac{5}{88}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
25961	664	255	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{77}{255}$	$\frac{89}{255}$	$\Phi_{255}^2\ \Phi_{85}^4\ \Phi_{51}^2\ \Phi_{17}^3\ \Phi_{15}^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
25962	664	507	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{157}{507}$	$\frac{175}{507}$	$\Phi_{507}\ \Phi_{169}^2\ \Phi_{39}\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
25963	664	126	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{126}^8\ \Phi_{63}^3\ \Phi_{42}^8\ \Phi_{21}^2\ \Phi_{18}^8\ \Phi_{14}^8\ \Phi_9^2\ \Phi_7^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
25964	664	84	$\frac{1}{84}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{84}^8\ \Phi_{42}^8\ \Phi_{28}^8\ \Phi_{21}^8\ \Phi_{14}^8\ \Phi_{12}^8\ \Phi_7^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
25965	664	495	$\frac{2}{165}$	$\frac{163}{495}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{99}^2\ \Phi_{45}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
25966	664	330	$\frac{1}{55}$	$\frac{27}{110}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{330}^2\ \Phi_{165}\ \Phi_{110}^4\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{22}^4\ \Phi_{15}\ \Phi_{11}^2\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
25967	664	255	$\frac{2}{85}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{255}^2\ \Phi_{85}^4\ \Phi_{51}^2\ \Phi_{17}^4\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
25968	664	99	$\frac{1}{33}$	$\frac{16}{99}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{99}^8\ \Phi_{33}^4\ \Phi_{11}^4\ \Phi_9^8\ \Phi_3^5\ \Phi_1^6$
25969	664	345	$\frac{13}{345}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{345}^2\ \Phi_{115}^2\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_3\ \Phi_1^2$
25970	664	264	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^4\ \Phi_{66}^2\ \Phi_{44}^4\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{22}^4\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
25971	664	363	$\frac{2}{33}$	$\frac{31}{363}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{363}^2\ \Phi_{121}^2\ \Phi_3\ \Phi_1^2$
25972	664	90	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{90}^8\ \Phi_{45}^8\ \Phi_{30}^8\ \Phi_{18}^8\ \Phi_{15}^4\ \Phi_{10}^8\ \Phi_9^8\ \Phi_6^8\ \Phi_5^4\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
25973	664	615	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{40}{123}$	$\frac{1}{3}$	$\Phi_{615}\ \Phi_{205}^2\ \Phi_{15}^2\ \Phi_5^2$
25974	664	243	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{77}{243}$	$\frac{1}{3}$	$\Phi_{243}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
25975	664	351	$\frac{19}{351}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{351}^2\ \Phi_{117}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
25976	664	111	$\frac{1}{37}$	$\frac{9}{37}$	$\frac{28}{111}$	$\frac{1}{3}$	$\Phi_{111}^5\ \Phi_{37}^8\ \Phi_3^4\ \Phi_1^8$
25977	664	108	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{108}^8\ \Phi_{54}^8\ \Phi_{36}^8\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^2\ \Phi_6^8\ \Phi_4^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
25978	664	90	$\frac{7}{90}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{90}^8\ \Phi_{45}^8\ \Phi_{30}^8\ \Phi_{18}^8\ \Phi_{15}^8\ \Phi_{10}^8\ \Phi_9^2\ \Phi_6^8\ \Phi_5^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
25979	664	405	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{405}$	$\frac{1}{3}$	$\Phi_{405}^2\ \Phi_{135}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
25980	664	189	$\frac{1}{9}$	$\frac{23}{189}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{189}^4\ \Phi_{63}^4\ \Phi_{21}^4\ \Phi_9^2\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
25981	664	360	$\frac{3}{40}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
25982	664	108	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{108}^8\ \Phi_{54}^8\ \Phi_{36}^3\ \Phi_{27}^8\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
25983	664	117	$\frac{1}{13}$	$\frac{5}{39}$	$\frac{3}{13}$	$\frac{34}{117}$	$\Phi_{117}^8\ \Phi_{13}^3\ \Phi_9^8\ \Phi_1^4$
25984	664	117	$\frac{4}{39}$	$\frac{5}{39}$	$\frac{7}{39}$	$\frac{34}{117}$	$\Phi_{117}^8\ \Phi_{39}\ \Phi_{13}\ \Phi_9^8\ \Phi_3\ \Phi_1^2$
25985	664	195	$\frac{1}{13}$	$\frac{29}{195}$	$\frac{3}{13}$	$\frac{10}{39}$	$\Phi_{195}^4\ \Phi_{65}^4\ \Phi_{15}^4\ \Phi_{13}^3\ \Phi_5^4\ \Phi_1^4$
25986	664	102	$\frac{1}{17}$	$\frac{19}{102}$	$\frac{4}{17}$	$\frac{13}{51}$	$\Phi_{102}^8\ \Phi_{51}^4\ \Phi_{34}^8\ \Phi_{17}^7\ \Phi_6^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
25987	664	92	$\frac{9}{92}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{92}^7\ \Phi_{46}^7\ \Phi_{23}^8\ \Phi_4^6\ \Phi_2^6\ \Phi_1^8$
25988	664	288	$\frac{1}{9}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{288}^3\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{48}\ \Phi_{36}^3\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
25989	664	900	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{150}\ \Phi_{75}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
25990	664	104	$\frac{1}{13}$	$\frac{5}{26}$	$\frac{21}{104}$	$\frac{3}{13}$	$\Phi_{104}^8\ \Phi_{52}^8\ \Phi_{13}^3\ \Phi_8^8\ \Phi_4^8\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
25991	665	264	$\frac{1}{132}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{131}{264}$	$\Phi_{264}\ \Phi_{132}^4\ \Phi_{88}\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{33}^4\ \Phi_{24}\ \Phi_{22}^4\ \Phi_{12}^4\ \Phi_{11}^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
25992	665	564	$\frac{1}{94}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{93}{188}$	$\Phi_{282}^2\ \Phi_{188}\ \Phi_{141}^2\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
25993	665	1692	$\frac{1}{94}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{93}{188}$	$\Phi_{1692}\ \Phi_{188}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
25994	665	1312	$\frac{9}{656}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{647}{1312}$	$\Phi_{1312}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
25995	665	744	$\frac{2}{93}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{91}{186}$	$\Phi_{744}\ \Phi_{372}\ \Phi_{248}\ \Phi_{124}\ \Phi_{93}\ \Phi_{31}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
25996	665	1296	$\frac{17}{648}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{631}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
25997	665	612	$\frac{1}{34}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{33}{68}$	$\Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{36}\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{17}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
25998	665	1428	$\frac{1}{34}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{84}\ \Phi_{68}\ \Phi_{28}\ \Phi_{21}\ \Phi_7\ \Phi_4\ \Phi_1$
25999	665	1836	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{33}{68}$	$\Phi_{1836}\ \Phi_{108}\ \Phi_{68}\ \Phi_{27}\ \Phi_4\ \Phi_1$
26000	665	408	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{33}{68}$	$\Phi_{408}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{24}^3\ \Phi_{17}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
26001	665	128	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{128}^7\ \Phi_{32}^7\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
26002	665	184	$\frac{3}{92}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{89}{184}$	$\Phi_{184}^3\ \Phi_{92}^4\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
26003	665	256	$\frac{5}{128}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{123}{256}$	$\Phi_{256}^5\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
26004	665	612	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{17}{36}$	$\Phi_{612}^2\ \Phi_{204}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{36}^3\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
26005	665	612	$\frac{1}{18}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{17}{36}$	$\Phi_{612}^2\ \Phi_{204}^2\ \Phi_{68}^2\ \Phi_{36}^3\ \Phi_{17}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
26006	665	72	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{72}^{10}\ \Phi_{36}^5\ \Phi_{24}^{12}\ \Phi_{18}^{10}\ \Phi_{12}^7\ \Phi_9^{10}\ \Phi_8^{11}\ \Phi_6^{11}\ \Phi_4^6\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
26007	665	660	$\frac{1}{20}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
26008	665	1248	$\frac{41}{624}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{583}{1248}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
26009	665	768	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{103}{768}$	$\frac{89}{192}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
26010	665	176	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{81}{176}$	$\Phi_{176}^7\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
26011	665	240	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{240}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^3\ \Phi_{30}^4\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
26012	665	320	$\frac{1}{20}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{320}^4\ \Phi_{64}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
26013	665	168	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{84}$	$\frac{73}{168}$	$\Phi_{168}^3\ \Phi_{84}^4\ \Phi_{56}^3\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^7\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^7\ \Phi_8^6\ \Phi_7^4\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
26014	665	1152	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{576}$	$\frac{487}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
26015	665	564	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{46}{141}$	$\frac{5}{12}$	$\Phi_{564}^2\ \Phi_{188}^2\ \Phi_{141}\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
26016	665	564	$\frac{2}{47}$	$\frac{1}{6}$	$\frac{9}{47}$	$\frac{5}{12}$	$\Phi_{564}^2\ \Phi_{188}^2\ \Phi_{47}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
26017	665	60	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{60}^{12}\ \Phi_{30}^{12}\ \Phi_{20}^{11}\ \Phi_{15}^{12}\ \Phi_{12}^7\ \Phi_{10}^{11}\ \Phi_6^{11}\ \Phi_5^{11}\ \Phi_4^6\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
26018	665	288	$\frac{1}{36}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{288}^4\ \Phi_{96}^4\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
26019	665	32	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{32}^{35}\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
26020	665	704	$\frac{39}{704}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
26021	665	1080	$\frac{2}{135}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
26022	665	792	$\frac{1}{66}$	$\frac{1}{4}$	$\frac{65}{198}$	$\frac{3}{8}$	$\Phi_{792}^2\ \Phi_{198}\ \Phi_{99}\ \Phi_{72}^2\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
26023	665	136	$\frac{3}{136}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{136}^5\ \Phi_{68}^5\ \Phi_{34}^5\ \Phi_{17}^5\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
26024	665	176	$\frac{1}{44}$	$\frac{43}{176}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{176}^5\ \Phi_{88}\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{16}^5\ \Phi_{11}^4\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
26025	665	72	$\frac{1}{36}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^8\ \Phi_{36}^{11}\ \Phi_{24}^7\ \Phi_{18}^{11}\ \Phi_{12}^{10}\ \Phi_9^{11}\ \Phi_8^8\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
26026	665	1320	$\frac{1}{33}$	$\frac{32}{165}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{165}\ \Phi_{120}\ \Phi_{55}\ \Phi_{40}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
26027	665	552	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{552}^{2}\ \Phi_{184}^{2}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_{8}\ \Phi_{1}$
26028	665	88	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{88}^{12}\ \Phi_{22}^{6}\ \Phi_{11}^{6}\ \Phi_{8}^{13}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
26029	665	40	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{40}^{16}\ \Phi_{20}^{19}\ \Phi_{10}^{19}\ \Phi_{8}^{12}\ \Phi_{5}^{19}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
26030	665	1144	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1144}\ \Phi_{143}\ \Phi_{104}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
26031	665	144	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{144}^{5}\ \Phi_{72}^{5}\ \Phi_{48}^{5}\ \Phi_{36}^{5}\ \Phi_{24}\ \Phi_{18}^{5}\ \Phi_{16}^{5}\ \Phi_{12}^{4}\ \Phi_{9}^{5}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
26032	665	180	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{180}^{4}\ \Phi_{90}^{4}\ \Phi_{60}^{4}\ \Phi_{45}^{4}\ \Phi_{36}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{4}\ \Phi_{18}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{3}\ \Phi_{1}^{3}$
26033	665	540	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{540}\ \Phi_{270}\ \Phi_{180}^{2}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
26034	665	144	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{23}{72}$	$\frac{49}{144}$	$\Phi_{144}^{7}\ \Phi_{48}^{7}\ \Phi_{24}^{7}\ \Phi_{16}^{7}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
26035	665	996	$\frac{1}{83}$	$\frac{82}{249}$	$\frac{331}{996}$	$\frac{167}{498}$	$\Phi_{996}\ \Phi_{332}\ \Phi_{249}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
26036	665	423	$\frac{1}{47}$	$\frac{2}{9}$	$\frac{46}{141}$	$\frac{1}{3}$	$\Phi_{423}^{2}\ \Phi_{141}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$
26037	665	357	$\frac{1}{17}$	$\frac{2}{21}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{357}^{2}\ \Phi_{119}^{2}\ \Phi_{51}\ \Phi_{21}^{3}\ \Phi_{7}^{3}\ \Phi_{3}\ \Phi_{1}$
26038	665	423	$\frac{2}{47}$	$\frac{9}{47}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{423}^{2}\ \Phi_{47}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
26039	665	180	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^{5}\ \Phi_{90}^{5}\ \Phi_{60}^{2}\ \Phi_{45}^{5}\ \Phi_{36}^{5}\ \Phi_{30}^{2}\ \Phi_{20}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
26040	665	357	$\frac{2}{21}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{357}^{2}\ \Phi_{119}^{2}\ \Phi_{21}^{3}\ \Phi_{17}^{2}\ \Phi_{7}^{3}\ \Phi_{1}^{3}$
26041	665	168	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{168}^{5}\ \Phi_{84}^{5}\ \Phi_{56}^{5}\ \Phi_{42}^{2}\ \Phi_{28}^{5}\ \Phi_{24}^{2}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{7}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
26042	665	459	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{16}{51}$	$\Phi_{459}^{2}\ \Phi_{51}\ \Phi_{27}^{3}\ \Phi_{3}\ \Phi_{1}$
26043	665	408	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{16}{51}$	$\Phi_{408}^{2}\ \Phi_{204}^{2}\ \Phi_{136}^{2}\ \Phi_{68}^{2}\ \Phi_{51}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
26044	665	864	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{199}{864}$	$\frac{89}{288}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
26045	665	192	$\frac{5}{64}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{59}{192}$	$\Phi_{192}^{5}\ \Phi_{96}^{5}\ \Phi_{48}^{5}\ \Phi_{32}\ \Phi_{24}^{5}\ \Phi_{16}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}$
26046	665	459	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{8}{27}$	$\Phi_{459}^{2}\ \Phi_{27}^{3}\ \Phi_{17}^{2}\ \Phi_{1}^{3}$
26047	665	216	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{216}^{5}\ \Phi_{108}^{5}\ \Phi_{54}^{2}\ \Phi_{27}^{3}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
26048	665	144	$\frac{11}{144}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{144}^{5}\ \Phi_{72}^{4}\ \Phi_{48}^{5}\ \Phi_{36}^{4}\ \Phi_{24}^{5}\ \Phi_{18}^{4}\ \Phi_{16}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
26049	665	864	$\frac{17}{216}$	$\frac{1}{8}$	$\frac{199}{864}$	$\frac{7}{24}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
26050	665	216	$\frac{13}{108}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{216}^{4}\ \Phi_{108}^{3}\ \Phi_{72}^{2}\ \Phi_{54}^{3}\ \Phi_{36}\ \Phi_{27}^{3}\ \Phi_{24}^{4}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
26051	665	240	$\frac{1}{20}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{240}^{4}\ \Phi_{120}^{4}\ \Phi_{60}^{4}\ \Phi_{48}^{3}\ \Phi_{30}^{4}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
26052	665	768	$\frac{1}{8}$	$\frac{103}{768}$	$\frac{25}{128}$	$\frac{7}{32}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
26053	665	160	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{27}{160}$	$\frac{7}{32}$	$\Phi_{160}^{5}\ \Phi_{80}^{5}\ \Phi_{40}^{5}\ \Phi_{32}\ \Phi_{20}^{5}\ \Phi_{16}\ \Phi_{10}^{5}\ \Phi_{5}^{5}\ \Phi_{1}$
26054	665	408	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{3}{17}$	$\frac{5}{24}$	$\Phi_{408}^{2}\ \Phi_{204}^{2}\ \Phi_{136}^{2}\ \Phi_{68}^{2}\ \Phi_{24}^{3}\ \Phi_{17}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
26055	665	24	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{24}^{27}\ \Phi_{12}^{27}\ \Phi_{8}^{26}\ \Phi_{6}^{31}\ \Phi_{4}^{26}\ \Phi_{3}^{31}\ \Phi_{2}^{30}\ \Phi_{1}^{31}$
26056	666	532	$\frac{1}{133}$	$\frac{67}{266}$	$\frac{199}{532}$	$\frac{66}{133}$	$\Phi_{532}^{2}\ \Phi_{133}\ \Phi_{76}^{2}\ \Phi_{28}^{2}\ \Phi_{19}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
26057	666	220	$\frac{1}{110}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{109}{220}$	$\Phi_{220}^{6}\ \Phi_{44}^{6}\ \Phi_{20}^{6}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
26058	666	660	$\frac{1}{110}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{109}{220}$	$\Phi_{660}\ \Phi_{330}^{2}\ \Phi_{165}^{2}\ \Phi_{132}\ \Phi_{66}^{2}\ \Phi_{60}\ \Phi_{33}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
26059	666	190	$\frac{1}{95}$	$\frac{16}{95}$	$\frac{79}{190}$	$\frac{47}{95}$	$\Phi_{190}^{6}\ \Phi_{95}\ \Phi_{38}^{6}\ \Phi_{19}\ \Phi_{10}^{6}\ \Phi_{5}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
26060	666	658	$\frac{4}{329}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{325}{658}$	$\Phi_{658}^{2}\ \Phi_{94}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
26061	666	1168	$\frac{1}{73}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{36}{73}$	$\Phi_{1168}\ \Phi_{73}\ \Phi_{16}^2\ \Phi_1^2$
26062	666	292	$\frac{1}{73}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{36}{73}$	$\Phi_{292}^2\ \Phi_{146}^2\ \Phi_{73}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
26063	666	665	$\frac{13}{665}$	$\frac{113}{665}$	$\frac{184}{665}$	$\frac{326}{665}$	$\Phi_{665}\ \Phi_{133}\ \Phi_{95}\ \Phi_{35}\ \Phi_{19}\ \Phi_7\ \Phi_5\ \Phi_1^2$
26064	666	892	$\frac{5}{223}$	$\frac{38}{223}$	$\frac{1}{4}$	$\frac{109}{223}$	$\Phi_{892}\ \Phi_{446}$
26065	666	217	$\frac{5}{217}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{106}{217}$	$\Phi_{217}^3\ \Phi_{31}^3\ \Phi_7^5\ \Phi_1^6$
26066	666	448	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{115}{448}$	$\frac{109}{224}$	$\Phi_{448}^2\ \Phi_{112}^2\ \Phi_{64}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
26067	666	1224	$\frac{1}{36}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{35}{72}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{136}\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_1^2$
26068	666	360	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{360}^4\ \Phi_{120}^4\ \Phi_{72}^2\ \Phi_{40}^4\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{15}\ \Phi_8^2\ \Phi_6$
26069	666	1224	$\frac{1}{36}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{35}{72}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{136}\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_1^2$
26070	666	504	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{504}^3\ \Phi_{168}^3\ \Phi_{56}^3\ \Phi_{28}\ \Phi_{14}$
26071	666	70	$\frac{1}{35}$	$\frac{2}{35}$	$\frac{33}{70}$	$\frac{17}{35}$	$\Phi_{70}^{18}\ \Phi_{35}\ \Phi_{14}^{18}\ \Phi_{10}^{18}\ \Phi_7\ \Phi_5\ \Phi_2^{18}\ \Phi_1^2$
26072	666	140	$\frac{1}{35}$	$\frac{6}{35}$	$\frac{29}{140}$	$\frac{17}{35}$	$\Phi_{140}^6\ \Phi_{70}^6\ \Phi_{35}\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7\ \Phi_5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^2$
26073	666	646	$\frac{10}{323}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{313}{646}$	$\Phi_{646}^2\ \Phi_{38}^2\ \Phi_{34}^2\ \Phi_{19}\ \Phi_2^2\ \Phi_1^2$
26074	666	644	$\frac{11}{322}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{311}{644}$	$\Phi_{644}^2\ \Phi_{92}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
26075	666	133	$\frac{5}{133}$	$\frac{22}{133}$	$\frac{23}{133}$	$\frac{64}{133}$	$\Phi_{133}^5\ \Phi_{19}^5\ \Phi_7^5\ \Phi_1^6$
26076	666	50	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{50}^{13}\ \Phi_{25}^{14}\ \Phi_{10}^{12}\ \Phi_5^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
26077	666	70	$\frac{2}{35}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{70}^8\ \Phi_{35}^{10}\ \Phi_{14}^8\ \Phi_{10}^{12}\ \Phi_7^{10}\ \Phi_5^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
26078	666	70	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{33}{70}$	$\Phi_{70}^{18}\ \Phi_{14}^{18}\ \Phi_{10}^{18}\ \Phi_7^5\ \Phi_2^{18}\ \Phi_1^6$
26079	666	663	$\frac{2}{39}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{663}\ \Phi_{221}\ \Phi_{39}^2\ \Phi_{17}\ \Phi_{13}^2\ \Phi_1^2$
26080	666	918	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{17}{54}$	$\frac{8}{17}$	$\Phi_{918}\ \Phi_{459}\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{17}\ \Phi_1^2$
26081	666	680	$\frac{1}{17}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_1^2$
26082	666	816	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{8}{17}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{136}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
26083	666	765	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{8}{17}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{85}\ \Phi_{45}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
26084	666	714	$\frac{1}{17}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{119}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{17}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
26085	666	209	$\frac{1}{19}$	$\frac{13}{209}$	$\frac{6}{19}$	$\frac{98}{209}$	$\Phi_{209}^3\ \Phi_{19}^5\ \Phi_{11}^3\ \Phi_1^6$
26086	666	896	$\frac{1}{16}$	$\frac{17}{128}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
26087	666	90	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{90}^{10}\ \Phi_{45}^8\ \Phi_{30}^5\ \Phi_{18}^{10}\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^8\ \Phi_6^5\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
26088	666	1456	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{97}{208}$	$\Phi_{1456}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
26089	666	152	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{41}{152}$	$\frac{35}{76}$	$\Phi_{152}^6\ \Phi_{38}^6\ \Phi_{19}^5\ \Phi_8^6\ \Phi_2^6\ \Phi_1^6$
26090	666	616	$\frac{25}{308}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{283}{616}$	$\Phi_{616}^2\ \Phi_{88}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
26091	666	608	$\frac{1}{19}$	$\frac{29}{304}$	$\frac{9}{38}$	$\frac{275}{608}$	$\Phi_{608}^2\ \Phi_{38}^2\ \Phi_{32}^2\ \Phi_{19}\ \Phi_2^2\ \Phi_1^2$
26092	666	912	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{912}^2\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}\ \Phi_6$
26093	666	196	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{7}$	$\frac{85}{196}$	$\Phi_{196}^6\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
26094	666	448	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{5}{32}$	$\frac{27}{64}$	$\Phi_{448}^3\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
26095	666	190	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{16}{95}$	$\frac{79}{190}$	$\Phi_{190}^6\ \Phi_{38}^6\ \Phi_{19}^5\ \Phi_{10}^6\ \Phi_2^6\ \Phi_1^6$
26096	666	560	$\frac{1}{35}$	$\frac{53}{280}$	$\frac{17}{70}$	$\frac{227}{560}$	$\Phi_{560}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
26097	666	560	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{53}{280}$	$\frac{227}{560}$	$\Phi_{560}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
26098	666	55	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{18}{55}$	$\frac{2}{5}$	$\Phi_{55}^{12}\ \Phi_{11}^{12}\ \Phi_5^{13}\ \Phi_1^{14}$
26099	666	340	$\frac{7}{340}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{340}^2\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{20}^2\ \Phi_{17}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
26100	666	380	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{380}^2\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}^4\ \Phi_{38}^2\ \Phi_{20}\ \Phi_{19}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
26101	666	440	$\frac{3}{110}$	$\frac{1}{5}$	$\frac{107}{440}$	$\frac{2}{5}$	$\Phi_{440}^2\ \Phi_{220}^2\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
26102	666	115	$\frac{4}{115}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{115}^6\ \Phi_{23}^6\ \Phi_5\ \Phi_1^2$
26103	666	220	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{220}^3\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{44}^6\ \Phi_{22}^4\ \Phi_{20}^3\ \Phi_{11}^4\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
26104	666	385	$\frac{3}{55}$	$\frac{52}{385}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{385}^2\ \Phi_{77}^2\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
26105	666	40	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{40}^{18}\ \Phi_{20}^{18}\ \Phi_{10}^{12}\ \Phi_8^{18}\ \Phi_5^{13}\ \Phi_4^{18}\ \Phi_2^{12}\ \Phi_1^{14}$
26106	666	605	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{605}\ \Phi_{121}^2\ \Phi_5\ \Phi_1^2$
26107	666	665	$\frac{11}{665}$	$\frac{149}{665}$	$\frac{218}{665}$	$\frac{258}{665}$	$\Phi_{665}\ \Phi_{133}\ \Phi_{95}\ \Phi_{35}\ \Phi_{19}\ \Phi_7\ \Phi_5\ \Phi_1^2$
26108	666	60	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{60}^{18}\ \Phi_{30}^5\ \Phi_{20}^{18}\ \Phi_{15}^4\ \Phi_{12}^{18}\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^3\ \Phi_4^{18}\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
26109	666	380	$\frac{1}{19}$	$\frac{47}{380}$	$\frac{9}{38}$	$\frac{29}{76}$	$\Phi_{380}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{38}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
26110	666	140	$\frac{1}{35}$	$\frac{29}{140}$	$\frac{17}{70}$	$\frac{53}{140}$	$\Phi_{140}^4\ \Phi_{70}^6\ \Phi_{35}^5\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7^5\ \Phi_5^5\ \Phi_4^4\ \Phi_2^6\ \Phi_1^6$
26111	666	38	$\frac{1}{38}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{38}^{18}\ \Phi_{19}^{17}\ \Phi_2^{18}\ \Phi_1^{18}$
26112	666	175	$\frac{1}{35}$	$\frac{34}{175}$	$\frac{47}{175}$	$\frac{64}{175}$	$\Phi_{175}^4\ \Phi_{35}^3\ \Phi_{25}^4\ \Phi_7^3\ \Phi_5^3\ \Phi_1^4$
26113	666	154	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{154}^7\ \Phi_{77}^2\ \Phi_{22}^7\ \Phi_{14}^4\ \Phi_{11}^2\ \Phi_7\ \Phi_2^4\ \Phi_1^2$
26114	666	57	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{17}{57}$	$\frac{20}{57}$	$\Phi_{57}^9\ \Phi_{19}^{17}\ \Phi_3^9\ \Phi_1^{18}$
26115	666	56	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{9}{28}$	$\frac{19}{56}$	$\Phi_{56}^{18}\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_8^{18}\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
26116	666	133	$\frac{4}{133}$	$\frac{22}{133}$	$\frac{43}{133}$	$\frac{45}{133}$	$\Phi_{133}^5\ \Phi_{19}^5\ \Phi_7^5\ \Phi_1^6$
26117	666	95	$\frac{2}{95}$	$\frac{21}{95}$	$\frac{31}{95}$	$\frac{32}{95}$	$\Phi_{95}^7\ \Phi_{19}^7\ \Phi_5^7\ \Phi_1^8$
26118	666	892	$\frac{4}{223}$	$\frac{1}{4}$	$\frac{73}{223}$	$\frac{75}{223}$	$\Phi_{892}\ \Phi_{446}$
26119	666	390	$\frac{2}{39}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{30}\ \Phi_{26}^2\ \Phi_{15}\ \Phi_6$
26120	666	660	$\frac{1}{55}$	$\frac{1}{4}$	$\frac{18}{55}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{12}^3\ \Phi_6^3$
26121	666	1002	$\frac{7}{334}$	$\frac{75}{334}$	$\frac{109}{334}$	$\frac{1}{3}$	$\Phi_{1002}\ \Phi_{501}\ \Phi_6$
26122	666	270	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{54}^2\ \Phi_{30}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_6$
26123	666	663	$\frac{2}{39}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{663}\ \Phi_{221}\ \Phi_{39}^2\ \Phi_{17}\ \Phi_{13}^2\ \Phi_1^2$
26124	666	228	$\frac{1}{38}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^4\ \Phi_{114}^5\ \Phi_{57}^5\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
26125	666	1380	$\frac{4}{115}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{276}\ \Phi_{138}\ \Phi_{12}\ \Phi_6$
26126	666	132	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^7\ \Phi_{66}^8\ \Phi_{33}^8\ \Phi_{12}^8\ \Phi_6^9\ \Phi_3^8$
26127	666	1092	$\frac{2}{39}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{182}\ \Phi_{28}\ \Phi_{14}$
26128	666	120	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^9\ \Phi_{60}^7\ \Phi_{30}^8\ \Phi_{24}^9\ \Phi_{15}^8\ \Phi_{12}^8\ \Phi_6^9\ \Phi_3^8$
26129	666	1452	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{12}\ \Phi_6$
26130	666	240	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{48}^2\ \Phi_{40}^4\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_8^2\ \Phi_6$
26131	666	810	$\frac{7}{81}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{54}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
26132	666	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{90}^8\ \Phi_{45}^6\ \Phi_{30}^9\ \Phi_{18}^8\ \Phi_{15}^7\ \Phi_{10}^8\ \Phi_9^8\ \Phi_6^9\ \Phi_5^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
26133	666	210	$\frac{1}{10}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{42}^2\ \Phi_{35}^4\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6$
26134	666	918	$\frac{1}{18}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{17}{54}$	$\Phi_{918}\ \Phi_{459}\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{17}\ \Phi_1^2$
26135	666	756	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{756}^2\ \Phi_{378}\ \Phi_{189}\ \Phi_{28}\ \Phi_{14}$
26136	666	336	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{11}{48}$	$\frac{5}{16}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}\ \Phi_{84}^3\ \Phi_{56}\ \Phi_{42}^3\ \Phi_{28}\ \Phi_{21}^3\ \Phi_{14}$
26137	666	133	$\frac{10}{133}$	$\frac{22}{133}$	$\frac{23}{133}$	$\frac{41}{133}$	$\Phi_{133}^5\ \Phi_{19}^5\ \Phi_7^5\ \Phi_1^6$
26138	666	210	$\frac{1}{10}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{210}^5\ \Phi_{105}^4\ \Phi_{42}^5\ \Phi_{30}^5\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
26139	666	680	$\frac{3}{40}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_1^2$
26140	666	816	$\frac{1}{12}$	$\frac{2}{17}$	$\frac{11}{48}$	$\frac{5}{17}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{136}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
26141	666	765	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{8}{45}$	$\frac{5}{17}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{85}\ \Phi_{45}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
26142	666	714	$\frac{2}{17}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{119}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{17}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
26143	666	42	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{42}^{18}\ \Phi_{21}^{18}\ \Phi_{14}^{18}\ \Phi_7^5\ \Phi_6^{18}\ \Phi_3^{18}\ \Phi_2^{18}\ \Phi_1^6$
26144	666	152	$\frac{1}{19}$	$\frac{29}{152}$	$\frac{9}{38}$	$\frac{41}{152}$	$\Phi_{152}^4\ \Phi_{76}^4\ \Phi_{38}^6\ \Phi_{19}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^6\ \Phi_1^6$
26145	666	280	$\frac{3}{40}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{280}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{35}^3\ \Phi_{28}\ \Phi_{14}$
26146	666	336	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{28}\ \Phi_{14}$
26147	666	1260	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}\ \Phi_{14}$
26148	666	84	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{84}^{10}\ \Phi_{42}^5\ \Phi_{28}^{11}\ \Phi_{21}^5\ \Phi_{14}^6\ \Phi_{12}^{12}\ \Phi_7^5\ \Phi_6^6\ \Phi_4^{12}\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
26149	666	140	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{140}$	$\Phi_{140}^6\ \Phi_{70}^6\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
26150	667	1320	$\frac{7}{660}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{653}{1320}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{120}\ \Phi_{88}\ \Phi_{40}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
26151	667	1184	$\frac{1}{74}$	$\frac{75}{592}$	$\frac{517}{1184}$	$\frac{73}{148}$	$\Phi_{1184}\ \Phi_{148}\ \Phi_{32}\ \Phi_4\ \Phi_1$
26152	667	888	$\frac{1}{74}$	$\frac{221}{888}$	$\frac{75}{296}$	$\frac{73}{148}$	$\Phi_{888}\ \Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
26153	667	1296	$\frac{19}{648}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{629}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
26154	667	1296	$\frac{19}{648}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{629}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
26155	667	1296	$\frac{19}{648}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{629}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
26156	667	900	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{233}{900}$	$\frac{217}{450}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
26157	667	616	$\frac{1}{28}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{27}{56}$	$\Phi_{616}^2\ \Phi_{88}^2\ \Phi_{56}^3\ \Phi_{44}\ \Phi_8^3\ \Phi_4\ \Phi_1$
26158	667	1848	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{27}{56}$	$\Phi_{1848}\ \Phi_{264}\ \Phi_{168}\ \Phi_{56}\ \Phi_{33}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
26159	667	924	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{21}{44}$	$\Phi_{924}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{44}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
26160	667	352	$\frac{1}{22}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{352}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{44}\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
26161	667	1540	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{21}{44}$	$\Phi_{1540}\ \Phi_{220}\ \Phi_{140}\ \Phi_{44}\ \Phi_{35}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
26162	667	768	$\frac{5}{96}$	$\frac{101}{768}$	$\frac{1}{6}$	$\frac{91}{192}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
26163	667	972	$\frac{1}{18}$	$\frac{19}{324}$	$\frac{305}{972}$	$\frac{17}{36}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
26164	667	720	$\frac{1}{18}$	$\frac{53}{720}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
26165	667	864	$\frac{1}{18}$	$\frac{19}{216}$	$\frac{197}{864}$	$\frac{17}{36}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
26166	667	756	$\frac{1}{18}$	$\frac{89}{756}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
26167	667	1260	$\frac{37}{630}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{593}{1260}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
26168	667	1260	$\frac{37}{630}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{593}{1260}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
26169	667	810	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{143}{810}$	$\frac{127}{270}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{162}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_5\ \Phi_1$
26170	667	1248	$\frac{43}{624}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{581}{1248}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
26171	667	216	$\frac{1}{24}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{216}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^2\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{24}^5\ \Phi_{18}^2\ \Phi_{12}^5\ \Phi_9^3\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
26172	667	210	$\frac{1}{30}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{30}^5\ \Phi_{21}^3\ \Phi_{15}^5\ \Phi_{14}^2\ \Phi_{10}^5\ \Phi_7^3\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
26173	667	120	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{40}^5\ \Phi_{30}^6\ \Phi_{24}^5\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^5\ \Phi_5^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
26174	667	480	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{480}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
26175	667	1176	$\frac{5}{84}$	$\frac{79}{588}$	$\frac{1}{6}$	$\frac{509}{1176}$	$\Phi_{1176}\ \Phi_{392}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
26176	667	120	$\frac{1}{30}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{120}^{10}\ \Phi_{60}^2\ \Phi_{40}^9\ \Phi_{30}\ \Phi_{24}^{10}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8^9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
26177	667	1152	$\frac{5}{96}$	$\frac{91}{576}$	$\frac{1}{6}$	$\frac{485}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
26178	667	600	$\frac{1}{24}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}^2\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
26179	667	72	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{72}^{12}\ \Phi_{36}^{11}\ \Phi_{24}^5\ \Phi_{18}^{11}\ \Phi_{12}^5\ \Phi_9^{11}\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
26180	667	792	$\frac{7}{132}$	$\frac{125}{792}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
26181	667	720	$\frac{53}{720}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
26182	667	720	$\frac{53}{720}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
26183	667	48	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{48}^{23}\ \Phi_{24}^5\ \Phi_{16}^{23}\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
26184	667	1080	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{127}{540}$	$\frac{413}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
26185	667	180	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{180}^6\ \Phi_{60}^6\ \Phi_{36}^5\ \Phi_{30}^5\ \Phi_{20}^6\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
26186	667	702	$\frac{35}{702}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{702}\ \Phi_{351}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
26187	667	1008	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{163}{504}$	$\frac{341}{1008}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
26188	667	72	$\frac{1}{24}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{72}^9\ \Phi_{36}^8\ \Phi_{24}^{11}\ \Phi_{18}^8\ \Phi_{12}^{10}\ \Phi_9^9\ \Phi_8^{11}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
26189	667	864	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{197}{864}$	$\frac{91}{288}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
26190	667	972	$\frac{19}{324}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{305}{972}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{27}\ \Phi_1$
26191	667	462	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{13}{42}$	$\Phi_{462}\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
26192	667	1056	$\frac{1}{11}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{96}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_3\ \Phi_1$
26193	667	1155	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{10}{33}$	$\Phi_{1155}\ \Phi_{165}\ \Phi_{105}\ \Phi_{35}\ \Phi_{33}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1$
26194	667	729	$\frac{62}{729}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{729}\ \Phi_{243}\ \Phi_{27}\ \Phi_1$
26195	667	864	$\frac{19}{216}$	$\frac{1}{9}$	$\frac{197}{864}$	$\frac{8}{27}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
26196	667	810	$\frac{1}{9}$	$\frac{19}{162}$	$\frac{143}{810}$	$\frac{8}{27}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
26197	667	756	$\frac{1}{9}$	$\frac{89}{756}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
26198	667	945	$\frac{1}{9}$	$\frac{37}{315}$	$\frac{8}{45}$	$\frac{278}{945}$	$\Phi_{945}\ \Phi_{189}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_5\ \Phi_1$
26199	667	756	$\frac{89}{756}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{126}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
26200	667	720	$\frac{53}{720}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
26201	667	864	$\frac{19}{216}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{197}{864}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
26202	667	840	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{210}$	$\frac{173}{840}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
26203	668	996	$\frac{1}{166}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{165}{332}$	$\Phi_{996}\ \Phi_{332}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
26204	668	330	$\frac{2}{165}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{163}{330}$	$\Phi_{330}^4\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{30}^4\ \Phi_{22}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
26205	668	201	$\frac{1}{67}$	$\frac{34}{201}$	$\frac{1}{3}$	$\frac{33}{67}$	$\Phi_{201}^3\ \Phi_{67}^4\ \Phi_3^2\ \Phi_1^4$
26206	668	1120	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{57}{224}$	$\frac{55}{112}$	$\Phi_{1120}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
26207	668	1640	$\frac{3}{164}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{161}{328}$	$\Phi_{1640}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
26208	668	1620	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{157}{324}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{180}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
26209	668	319	$\frac{1}{29}$	$\frac{15}{319}$	$\frac{152}{319}$	$\frac{14}{29}$	$\Phi_{319}^2\ \Phi_{29}^3\ \Phi_{11}^2\ \Phi_1^4$
26210	668	322	$\frac{6}{161}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{155}{322}$	$\Phi_{322}^4\ \Phi_{46}^4\ \Phi_{23}\ \Phi_{14}^4\ \Phi_2^4\ \Phi_1^2$
26211	668	1610	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{155}{322}$	$\Phi_{1610}\ \Phi_{230}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
26212	668	960	$\frac{1}{24}$	$\frac{25}{192}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{160}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
26213	668	483	$\frac{1}{23}$	$\frac{12}{161}$	$\frac{149}{483}$	$\frac{11}{23}$	$\Phi_{483}^2\ \Phi_{69}^2\ \Phi_{23}\ \Phi_{21}^2\ \Phi_3^2\ \Phi_1^2$
26214	668	184	$\frac{1}{23}$	$\frac{17}{184}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{184}^4\ \Phi_{92}^4\ \Phi_{46}^4\ \Phi_{23}\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
26215	668	320	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{153}{320}$	$\Phi_{320}^4\ \Phi_{64}^4\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
26216	668	1560	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{145}{312}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
26217	668	621	$\frac{1}{23}$	$\frac{47}{621}$	$\frac{22}{69}$	$\frac{287}{621}$	$\Phi_{621}\ \Phi_{207}\ \Phi_{69}^2\ \Phi_{27}\ \Phi_{23}\ \Phi_9\ \Phi_3^2\ \Phi_1^2$
26218	668	1540	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{5}$	$\frac{141}{308}$	$\Phi_{1540}\ \Phi_{220}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
26219	668	230	$\frac{1}{23}$	$\frac{11}{115}$	$\frac{63}{230}$	$\frac{52}{115}$	$\Phi_{230}^4\ \Phi_{115}^2\ \Phi_{46}^4\ \Phi_{23}\ \Phi_{10}^4\ \Phi_5^2\ \Phi_2^4\ \Phi_1^2$
26220	668	609	$\frac{1}{29}$	$\frac{59}{609}$	$\frac{28}{87}$	$\frac{275}{609}$	$\Phi_{609}\ \Phi_{203}\ \Phi_{87}^2\ \Phi_{29}\ \Phi_{21}\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
26221	668	174	$\frac{7}{174}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{174}^4\ \Phi_{87}^4\ \Phi_{58}^4\ \Phi_{29}^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
26222	668	232	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{65}{232}$	$\frac{51}{116}$	$\Phi_{232}^4\ \Phi_{58}^4\ \Phi_{29}^3\ \Phi_8^4\ \Phi_2^4\ \Phi_1^4$
26223	668	880	$\frac{9}{176}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
26224	668	1470	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{1}{5}$	$\frac{127}{294}$	$\Phi_{1470}\ \Phi_{490}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
26225	668	290	$\frac{1}{29}$	$\frac{22}{145}$	$\frac{7}{29}$	$\frac{123}{290}$	$\Phi_{290}^4\ \Phi_{58}^4\ \Phi_{29}^3\ \Phi_{10}^4\ \Phi_2^4\ \Phi_1^4$
26226	668	207	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{40}{207}$	$\frac{29}{69}$	$\Phi_{207}^4\ \Phi_{69}^2\ \Phi_{23}\ \Phi_9^4\ \Phi_3^2\ \Phi_1^2$
26227	668	1440	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{1}{5}$	$\frac{121}{288}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{160}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
26228	668	575	$\frac{1}{23}$	$\frac{93}{575}$	$\frac{22}{115}$	$\frac{241}{575}$	$\Phi_{575}\ \Phi_{115}^2\ \Phi_{25}\ \Phi_{23}\ \Phi_5^2\ \Phi_1^2$
26229	668	280	$\frac{1}{28}$	$\frac{27}{140}$	$\frac{1}{5}$	$\frac{113}{280}$	$\Phi_{280}^4\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_8^4$
26230	668	510	$\frac{3}{170}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{510}^2\ \Phi_{255}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
26231	668	276	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{29}{138}$	$\frac{109}{276}$	$\Phi_{276}^4\ \Phi_{92}^4\ \Phi_{69}^2\ \Phi_{23}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3^2\ \Phi_1^2$
26232	668	804	$\frac{1}{67}$	$\frac{33}{134}$	$\frac{1}{3}$	$\frac{101}{268}$	$\Phi_{804}^2\ \Phi_{201}\ \Phi_{12}^2$
26233	668	261	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{73}{261}$	$\frac{94}{261}$	$\Phi_{261}^2\ \Phi_{87}^4\ \Phi_{29}^3\ \Phi_9^2\ \Phi_3^4\ \Phi_1^4$
26234	668	1260	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{41}{126}$	$\frac{85}{252}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
26235	668	249	$\frac{1}{83}$	$\frac{82}{249}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{249}^3\ \Phi_{83}^2\ \Phi_3^4\ \Phi_1^4$
26236	668	495	$\frac{4}{165}$	$\frac{1}{5}$	$\frac{161}{495}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{99}^2\ \Phi_{45}^2\ \Phi_{15}\ \Phi_9^2$
26237	668	345	$\frac{11}{345}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{345}^2\ \Phi_{115}^2\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_{15}$
26238	668	660	$\frac{2}{55}$	$\frac{1}{5}$	$\frac{53}{220}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
26239	668	990	$\frac{2}{33}$	$\frac{31}{198}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{110}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
26240	668	180	$\frac{13}{180}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
26241	668	1155	$\frac{4}{55}$	$\frac{51}{385}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{105}\ \Phi_{21}\ \Phi_{15}$
26242	668	1080	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{49}{216}$	$\frac{23}{72}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
26243	668	207	$\frac{1}{23}$	$\frac{40}{207}$	$\frac{47}{207}$	$\frac{22}{69}$	$\Phi_{207}^3\ \Phi_{69}^4\ \Phi_{23}^3\ \Phi_9^3\ \Phi_3^4\ \Phi_1^4$
26244	668	240	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{73}{240}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^4\ \Phi_3^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
26245	668	180	$\frac{13}{180}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{180}^4\ \Phi_{90}^3\ \Phi_{60}^4\ \Phi_{45}^3\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
26246	668	176	$\frac{9}{176}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{176}^4\ \Phi_{88}^4\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{16}^4\ \Phi_{11}^4\ \Phi_8^4\ \Phi_4^2\ \Phi_2^2\ \Phi_1^4$
26247	668	1080	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{49}{216}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
26248	668	960	$\frac{1}{8}$	$\frac{25}{192}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
26249	668	200	$\frac{1}{8}$	$\frac{33}{200}$	$\frac{7}{40}$	$\frac{1}{5}$	$\Phi_{200}^4\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{40}\ \Phi_{25}^4\ \Phi_{20}\ \Phi_{10}$
26250	669	1328	$\frac{5}{664}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{659}{1328}$	$\Phi_{1328}\ \Phi_{16}\ \Phi_8\ \Phi_1$
26251	669	896	$\frac{3}{224}$	$\frac{1}{4}$	$\frac{227}{896}$	$\frac{221}{448}$	$\Phi_{896}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
26252	669	440	$\frac{3}{220}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{217}{440}$	$\Phi_{440}^3\ \Phi_{88}^3\ \Phi_{40}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
26253	669	1312	$\frac{13}{656}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{643}{1312}$	$\Phi_{1312}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
26254	669	868	$\frac{6}{217}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{211}{434}$	$\Phi_{868}\ \Phi_{217}\ \Phi_{124}\ \Phi_{31}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
26255	669	256	$\frac{1}{32}$	$\frac{33}{256}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{256}^3\ \Phi_{128}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
26256	669	432	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{209}{432}$	$\Phi_{432}^3\ \Phi_{144}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
26257	669	1288	$\frac{25}{644}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{619}{1288}$	$\Phi_{1288}\ \Phi_{184}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
26258	669	1280	$\frac{29}{640}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{611}{1280}$	$\Phi_{1280}\ \Phi_{256}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
26259	669	420	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{197}{420}$	$\Phi_{420}\ \Phi_{210}^2\ \Phi_{140}\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{14}^3\ \Phi_{12}\ \Phi_{10}^2\ \Phi_7^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
26260	669	416	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{1}{4}$	$\frac{193}{416}$	$\Phi_{416}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
26261	669	1232	$\frac{3}{56}$	$\frac{53}{616}$	$\frac{1}{4}$	$\frac{563}{1232}$	$\Phi_{1232}\ \Phi_{176}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
26262	669	704	$\frac{35}{704}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
26263	669	392	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{1}{4}$	$\frac{169}{392}$	$\Phi_{392}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
26264	669	384	$\frac{1}{32}$	$\frac{31}{192}$	$\frac{1}{4}$	$\frac{161}{384}$	$\Phi_{384}^3\ \Phi_{128}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
26265	669	1120	$\frac{3}{112}$	$\frac{109}{560}$	$\frac{1}{4}$	$\frac{451}{1120}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
26266	669	336	$\frac{1}{56}$	$\frac{1}{4}$	$\frac{55}{168}$	$\frac{113}{336}$	$\Phi_{336}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{28}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
26267	669	231	$\frac{8}{231}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{231}^3\ \Phi_{77}^3\ \Phi_{33}^2\ \Phi_{21}^3\ \Phi_{11}^3\ \Phi_7^3\ \Phi_3\ \Phi_1^3$
26268	669	288	$\frac{1}{32}$	$\frac{65}{288}$	$\frac{1}{4}$	$\frac{31}{96}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
26269	669	252	$\frac{1}{14}$	$\frac{29}{252}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}\ \Phi_{63}^3\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{14}^3\ \Phi_{12}\ \Phi_9^3\ \Phi_7^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
26270	669	320	$\frac{29}{320}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{97}{320}$	$\Phi_{320}^2\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
26271	669	240	$\frac{17}{240}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
26272	669	264	$\frac{3}{44}$	$\frac{41}{264}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{264}^3\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
26273	669	240	$\frac{17}{240}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
26274	669	256	$\frac{3}{32}$	$\frac{33}{256}$	$\frac{29}{128}$	$\frac{1}{4}$	$\Phi_{256}^3\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
26275	669	288	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{288}$	$\frac{1}{4}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
26276	669	280	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{57}{280}$	$\frac{1}{4}$	$\Phi_{280}^3\ \Phi_{140}\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{20}\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
26277	669	800	$\frac{3}{32}$	$\frac{131}{800}$	$\frac{29}{160}$	$\frac{1}{4}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_8\ \Phi_1$
26278	670	666	$\frac{2}{333}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{331}{666}$	$\Phi_{666}^2\ \Phi_{222}^2\ \Phi_{74}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
26279	670	1064	$\frac{1}{133}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{66}{133}$	$\Phi_{1064}\ \Phi_{152}\ \Phi_{133}\ \Phi_{56}\ \Phi_{19}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
26280	670	1344	$\frac{1}{112}$	$\frac{113}{448}$	$\frac{1}{3}$	$\frac{111}{224}$	$\Phi_{1344}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
26281	670	1992	$\frac{3}{332}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{329}{664}$	$\Phi_{1992}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
26282	670	396	$\frac{1}{66}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{65}{132}$	$\Phi_{396}^3\ \Phi_{132}^4\ \Phi_{44}^4\ \Phi_{36}^3\ \Phi_{12}^4\ \Phi_9\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
26283	670	132	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{65}{132}$	$\Phi_{132}^{10}\ \Phi_{44}^{10}\ \Phi_{12}^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
26284	670	1974	$\frac{6}{329}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{323}{658}$	$\Phi_{1974}\ \Phi_{282}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
26285	670	384	$\frac{1}{48}$	$\frac{49}{384}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
26286	670	1968	$\frac{7}{328}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{321}{656}$	$\Phi_{1968}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
26287	670	90	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{23}{90}$	$\frac{22}{45}$	$\Phi_{90}^7\ \Phi_{45}^8\ \Phi_{30}^7\ \Phi_{18}^7\ \Phi_{15}^8\ \Phi_{10}^7\ \Phi_9^8\ \Phi_6^6\ \Phi_5^8\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
26288	670	651	$\frac{19}{651}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{316}{651}$	$\Phi_{651}\ \Phi_{217}\ \Phi_{93}\ \Phi_{31}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
26289	670	390	$\frac{2}{65}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{63}{130}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{13}^2\ \Phi_{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
26290	670	648	$\frac{11}{324}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{313}{648}$	$\Phi_{648}^2\ \Phi_{216}^2\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
26291	670	162	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{14}{81}$	$\frac{13}{27}$	$\Phi_{162}^6\ \Phi_{81}^4\ \Phi_{54}^3\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
26292	670	1932	$\frac{13}{322}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{309}{644}$	$\Phi_{1932}\ \Phi_{276}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
26293	670	384	$\frac{3}{64}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{61}{128}$	$\Phi_{384}^5\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
26294	670	1408	$\frac{3}{64}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{1408}\ \Phi_{44}\ \Phi_{22}$
26295	670	1056	$\frac{17}{352}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
26296	670	126	$\frac{1}{21}$	$\frac{4}{63}$	$\frac{1}{3}$	$\frac{59}{126}$	$\Phi_{126}^{10}\ \Phi_{42}^{10}\ \Phi_{21}^2\ \Phi_{18}^{10}\ \Phi_{14}^{10}\ \Phi_7^2\ \Phi_6^{10}\ \Phi_3\ \Phi_2^{10}\ \Phi_1^2$
26297	670	126	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{59}{126}$	$\Phi_{126}^4\ \Phi_{63}^6\ \Phi_{42}^4\ \Phi_{21}^6\ \Phi_{18}^7\ \Phi_{14}^4\ \Phi_9^8\ \Phi_7^6\ \Phi_6^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
26298	670	150	$\frac{1}{15}$	$\frac{8}{75}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{150}^6\ \Phi_{75}^4\ \Phi_{50}^6\ \Phi_{30}^3\ \Phi_{25}^4\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
26299	670	624	$\frac{1}{24}$	$\frac{23}{312}$	$\frac{1}{3}$	$\frac{289}{624}$	$\Phi_{624}^2\ \Phi_{208}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
26300	670	1848	$\frac{1}{28}$	$\frac{27}{308}$	$\frac{1}{3}$	$\frac{281}{616}$	$\Phi_{1848}\ \Phi_{264}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
26301	670	207	$\frac{2}{69}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{207}^3\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
26302	670	99	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{32}{99}$	$\frac{4}{9}$	$\Phi_{99}^7\ \Phi_{33}^6\ \Phi_{11}^6\ \Phi_9^8\ \Phi_3^7\ \Phi_1^8$
26303	670	792	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{21}{88}$	$\frac{4}{9}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{72}\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
26304	670	72	$\frac{5}{72}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{72}^{10}\ \Phi_{36}^{10}\ \Phi_{24}^{10}\ \Phi_{18}^7\ \Phi_{12}^{10}\ \Phi_9^8\ \Phi_8^{10}\ \Phi_6^6\ \Phi_4^{10}\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
26305	670	693	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{10}{77}$	$\frac{4}{9}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{77}^2\ \Phi_{63}\ \Phi_{21}\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
26306	670	120	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{53}{120}$	$\Phi_{120}^{10}\ \Phi_{40}^{10}\ \Phi_{30}^3\ \Phi_{24}^{10}\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_8^{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
26307	670	588	$\frac{1}{42}$	$\frac{41}{294}$	$\frac{1}{3}$	$\frac{253}{588}$	$\Phi_{588}^2\ \Phi_{196}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
26308	670	576	$\frac{1}{48}$	$\frac{47}{288}$	$\frac{1}{3}$	$\frac{241}{576}$	$\Phi_{576}^2\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
26309	670	336	$\frac{1}{56}$	$\frac{11}{56}$	$\frac{1}{3}$	$\frac{45}{112}$	$\Phi_{336}^5\ \Phi_{168}\ \Phi_{84}\ \Phi_{48}^5\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
26310	670	210	$\frac{3}{70}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^2\ \Phi_{42}^4\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{21}^4\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{10}\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
26311	670	108	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{41}{108}$	$\Phi_{108}^{10}\ \Phi_{54}^3\ \Phi_{36}^{10}\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_{12}^{10}\ \Phi_9^2\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
26312	670	408	$\frac{1}{68}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{408}^4\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
26313	670	280	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^4\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^4\ \Phi_{35}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^4\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
26314	670	152	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{152}^7\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_8^8\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
26315	670	792	$\frac{5}{72}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
26316	670	1122	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{1122}\ \Phi_{374}\ \Phi_{187}\ \Phi_{66}\ \Phi_{22}$
26317	670	504	$\frac{1}{84}$	$\frac{83}{252}$	$\frac{1}{3}$	$\frac{169}{504}$	$\Phi_{504}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
26318	670	444	$\frac{2}{111}$	$\frac{109}{444}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{444}^2\ \Phi_{222}^2\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
26319	670	342	$\frac{7}{342}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{342}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
26320	670	138	$\frac{2}{69}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{138}^6\ \Phi_{69}^4\ \Phi_{46}^6\ \Phi_{23}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
26321	670	432	$\frac{1}{48}$	$\frac{97}{432}$	$\frac{47}{144}$	$\frac{1}{3}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
26322	670	198	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{32}{99}$	$\frac{1}{3}$	$\Phi_{198}^6\ \Phi_{99}^4\ \Phi_{18}^6\ \Phi_9^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
26323	670	378	$\frac{1}{21}$	$\frac{43}{378}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
26324	670	72	$\frac{5}{72}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{72}^{10}\ \Phi_{36}^8\ \Phi_{24}^{10}\ \Phi_{18}^8\ \Phi_{12}^{10}\ \Phi_9^8\ \Phi_8^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
26325	670	96	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{29}{96}$	$\frac{1}{3}$	$\Phi_{96}^5\ \Phi_{48}^6\ \Phi_{32}^{10}\ \Phi_{24}^6\ \Phi_{16}^{10}\ \Phi_{12}^6\ \Phi_8^{10}\ \Phi_6^6\ \Phi_4^{10}\ \Phi_3^5\ \Phi_2^{10}\ \Phi_1^{10}$
26326	670	210	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{210}^5\ \Phi_{105}^5\ \Phi_{42}^5\ \Phi_{30}^5\ \Phi_{21}^3\ \Phi_{15}^5\ \Phi_6^5\ \Phi_3^2$
26327	670	264	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{21}{88}$	$\frac{1}{3}$	$\Phi_{264}^3\ \Phi_{132}^3\ \Phi_{88}^4\ \Phi_{44}^4\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
26328	670	384	$\frac{1}{16}$	$\frac{49}{384}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{384}^2\ \Phi_{192}\ \Phi_{128}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
26329	670	432	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{432}$	$\frac{1}{3}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
26330	670	84	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{17}{84}$	$\frac{1}{3}$	$\Phi_{84}^{10}\ \Phi_{42}^{10}\ \Phi_{28}^{10}\ \Phi_{21}^2\ \Phi_{14}^{10}\ \Phi_{12}^{10}\ \Phi_7^2\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3\ \Phi_2^{10}\ \Phi_1^2$
26331	670	330	$\frac{2}{33}$	$\frac{1}{6}$	$\frac{31}{165}$	$\frac{1}{3}$	$\Phi_{330}^3\ \Phi_{165}^2\ \Phi_{110}^3\ \Phi_{55}^2\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
26332	670	240	$\frac{1}{16}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{3}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{60}^5\ \Phi_{48}\ \Phi_{30}^5\ \Phi_{24}\ \Phi_{15}^5\ \Phi_{12}\ \Phi_6$
26333	670	72	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{72}^{10}\ \Phi_{36}^{10}\ \Phi_{24}^{10}\ \Phi_{18}^{10}\ \Phi_{12}^{10}\ \Phi_9^{10}\ \Phi_8^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
26334	670	396	$\frac{5}{66}$	$\frac{61}{396}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
26335	670	462	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{462}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
26336	670	390	$\frac{4}{65}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{61}{195}$	$\Phi_{390}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{30}^3\ \Phi_{26}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
26337	670	1056	$\frac{1}{11}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
26338	670	378	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{6}$	$\frac{55}{189}$	$\Phi_{378}^3\ \Phi_{189}^2\ \Phi_{54}^3\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
26339	670	90	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{30}$	$\frac{23}{90}$	$\Phi_{90}^{10}\ \Phi_{45}^{10}\ \Phi_{30}^3\ \Phi_{18}^{10}\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_9^{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
26340	670	880	$\frac{1}{11}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
26341	671	1072	$\frac{1}{134}$	$\frac{135}{536}$	$\frac{401}{1072}$	$\frac{133}{268}$	$\Phi_{1072}\ \Phi_{268}\ \Phi_{16}\ \Phi_4\ \Phi_1$
26342	671	120	$\frac{1}{60}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{59}{120}$	$\Phi_{120}^{11}\ \Phi_{40}^{11}\ \Phi_{24}^{11}\ \Phi_{20}\ \Phi_8^{11}\ \Phi_4\ \Phi_1$
26343	671	120	$\frac{1}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{59}{120}$	$\Phi_{120}^{11}\ \Phi_{40}^{11}\ \Phi_{24}^{11}\ \Phi_{15}\ \Phi_8^{11}\ \Phi_3\ \Phi_1$
26344	671	900	$\frac{4}{225}$	$\frac{1}{5}$	$\frac{229}{900}$	$\frac{221}{450}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
26345	671	810	$\frac{4}{135}$	$\frac{139}{810}$	$\frac{1}{5}$	$\frac{131}{270}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{162}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
26346	671	1300	$\frac{21}{650}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{629}{1300}$	$\Phi_{1300}\ \Phi_{260}\ \Phi_{100}\ \Phi_{52}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
26347	671	1280	$\frac{31}{640}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{609}{1280}$	$\Phi_{1280}\ \Phi_{256}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
26348	671	750	$\frac{4}{75}$	$\frac{79}{750}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{750}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
26349	671	1260	$\frac{41}{630}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{589}{1260}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
26350	671	720	$\frac{49}{720}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
26351	671	1260	$\frac{2}{63}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
26352	671	180	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{29}{90}$	$\frac{9}{20}$	$\Phi_{180}^{10}\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}^{10}\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
26353	671	320	$\frac{3}{64}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{320}^2\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{64}^3\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{20}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
26354	671	80	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{19}{80}$	$\frac{9}{20}$	$\Phi_{80}^{11}\ \Phi_{40}^{11}\ \Phi_{20}\ \Phi_{16}^{11}\ \Phi_8^{11}\ \Phi_4\ \Phi_1$
26355	671	260	$\frac{4}{65}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{260}^5\ \Phi_{65}\ \Phi_{52}^5\ \Phi_{20}\ \Phi_{13}\ \Phi_4\ \Phi_1$
26356	671	300	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{14}{75}$	$\frac{9}{20}$	$\Phi_{300}^5\ \Phi_{100}^5\ \Phi_{75}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
26357	671	720	$\frac{49}{720}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
26358	671	660	$\frac{5}{66}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{660}^2\ \Phi_{220}^2\ \Phi_{132}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_4\ \Phi_1$
26359	671	360	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{72}$	$\frac{9}{20}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^3\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{18}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
26360	671	140	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{9}{20}$	$\Phi_{140}^{10}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^{10}\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
26361	671	1200	$\frac{4}{75}$	$\frac{71}{600}$	$\frac{1}{5}$	$\frac{529}{1200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{80}\ \Phi_{75}\ \Phi_{48}\ \Phi_{25}\ \Phi_{16}\ \Phi_{15}\ \Phi_3\ \Phi_1$
26362	671	700	$\frac{29}{700}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
26363	671	558	$\frac{1}{62}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{558}\ \Phi_{279}\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{62}\ \Phi_{31}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
26364	671	720	$\frac{49}{720}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
26365	671	1080	$\frac{4}{135}$	$\frac{1}{5}$	$\frac{131}{540}$	$\frac{409}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
26366	671	496	$\frac{1}{62}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{496}^2\ \Phi_{124}^2\ \Phi_{62}\ \Phi_{31}\ \Phi_{16}\ \Phi_4\ \Phi_1$
26367	671	690	$\frac{19}{690}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{138}\ \Phi_{115}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_{15}\ \Phi_3\ \Phi_1$
26368	671	1020	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{161}{510}$	$\frac{349}{1020}$	$\Phi_{1020}\ \Phi_{340}\ \Phi_{204}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
26369	671	315	$\frac{2}{63}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{63}^3\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_{15}\ \Phi_9^3\ \Phi_7^3\ \Phi_3\ \Phi_1$
26370	671	90	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{29}{90}$	$\Phi_{90}^{11}\ \Phi_{45}^{11}\ \Phi_{18}^{11}\ \Phi_{15}\ \Phi_9^{11}\ \Phi_3\ \Phi_1$
26371	671	975	$\frac{21}{325}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{304}{975}$	$\Phi_{975}\ \Phi_{195}\ \Phi_{75}\ \Phi_{39}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
26372	671	960	$\frac{31}{320}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{289}{960}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
26373	671	945	$\frac{4}{45}$	$\frac{41}{315}$	$\frac{1}{5}$	$\frac{274}{945}$	$\Phi_{945}\ \Phi_{189}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
26374	671	960	$\frac{3}{64}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
26375	671	240	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{19}{80}$	$\frac{4}{15}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}\ \Phi_{48}^5\ \Phi_{40}\ \Phi_{24}^5\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
26376	671	195	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{195}^5\ \Phi_{65}\ \Phi_{39}^5\ \Phi_{15}\ \Phi_{13}\ \Phi_3\ \Phi_1$
26377	671	75	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{75}^{11}\ \Phi_{25}^{11}\ \Phi_{15}\ \Phi_3\ \Phi_1$
26378	671	720	$\frac{49}{720}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
26379	671	330	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{66}^3\ \Phi_{55}^2\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{15}\ \Phi_{11}^3\ \Phi_3\ \Phi_1$
26380	671	360	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^3\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{15}\ \Phi_9^3\ \Phi_8^3\ \Phi_3\ \Phi_1$
26381	671	210	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{210}^5\ \Phi_{105}^5\ \Phi_{70}\ \Phi_{42}^5\ \Phi_{35}\ \Phi_{21}^5\ \Phi_{15}\ \Phi_{14}\ \Phi_7\ \Phi_3\ \Phi_1$
26382	671	900	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{71}{300}$	$\frac{229}{900}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{225}\ \Phi_{180}\ \Phi_{90}\ \Phi_{75}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
26383	671	800	$\frac{1}{10}$	$\frac{129}{800}$	$\frac{31}{160}$	$\frac{9}{40}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
26384	672	501	$\frac{1}{167}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{83}{167}$	$\Phi_{501}\ \Phi_{167}^2\ \Phi_3^2\ \Phi_1^4$
26385	672	671	$\frac{5}{671}$	$\frac{169}{671}$	$\frac{251}{671}$	$\frac{333}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26386	672	1011	$\frac{3}{337}$	$\frac{85}{337}$	$\frac{1}{3}$	$\frac{167}{337}$	Φ_{1011}
26387	672	555	$\frac{1}{111}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{55}{111}$	$\Phi_{555}\ \Phi_{185}\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
26388	672	444	$\frac{1}{111}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{55}{111}$	$\Phi_{444}^2\ \Phi_{222}^2\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
26389	672	671	$\frac{7}{671}$	$\frac{113}{671}$	$\frac{279}{671}$	$\frac{332}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_{1}^2$
26390	672	1140	$\frac{1}{95}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{47}{95}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{228}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{20}\ \Phi_{19}\ \Phi_{12}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
26391	672	855	$\frac{1}{95}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{47}{95}$	$\Phi_{855}\ \Phi_{171}\ \Phi_{95}\ \Phi_{45}\ \Phi_{19}\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{1}^2$
26392	672	581	$\frac{1}{83}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{41}{83}$	$\Phi_{581}\ \Phi_{83}^2\ \Phi_{7}^2\ \Phi_{1}^4$
26393	672	1245	$\frac{1}{83}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{41}{83}$	$\Phi_{1245}\ \Phi_{15}^2$
26394	672	300	$\frac{1}{75}$	$\frac{1}{4}$	$\frac{19}{75}$	$\frac{37}{75}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{100}^3\ \Phi_{60}^3\ \Phi_{50}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
26395	672	671	$\frac{9}{671}$	$\frac{85}{671}$	$\frac{293}{671}$	$\frac{331}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_{1}^2$
26396	672	671	$\frac{9}{671}$	$\frac{167}{671}$	$\frac{170}{671}$	$\frac{331}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_{1}^2$
26397	672	1011	$\frac{5}{337}$	$\frac{57}{337}$	$\frac{1}{3}$	$\frac{166}{337}$	Φ_{1011}
26398	672	305	$\frac{1}{61}$	$\frac{31}{305}$	$\frac{137}{305}$	$\frac{30}{61}$	$\Phi_{305}^2\ \Phi_{61}^3\ \Phi_{5}^2\ \Phi_{1}^4$
26399	672	845	$\frac{3}{169}$	$\frac{1}{5}$	$\frac{43}{169}$	$\frac{83}{169}$	$\Phi_{845}\ \Phi_{65}$
26400	672	55	$\frac{1}{55}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{27}{55}$	$\Phi_{55}^{12}\ \Phi_{11}^{13}\ \Phi_{5}^{12}\ \Phi_{1}^{14}$
26401	672	1155	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{27}{55}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{105}\ \Phi_{21}^2$
26402	672	55	$\frac{1}{55}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{27}{55}$	$\Phi_{55}^{12}\ \Phi_{11}^{13}\ \Phi_{5}^{12}\ \Phi_{1}^{14}$
26403	672	220	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{27}{55}$	$\Phi_{220}^4\ \Phi_{110}^4\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_{4}^4\ \Phi_{2}^4$
26404	672	671	$\frac{13}{671}$	$\frac{57}{671}$	$\frac{307}{671}$	$\frac{329}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_{1}^2$
26405	672	671	$\frac{13}{671}$	$\frac{125}{671}$	$\frac{171}{671}$	$\frac{329}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_{1}^2$
26406	672	1011	$\frac{7}{337}$	$\frac{43}{337}$	$\frac{1}{3}$	$\frac{165}{337}$	Φ_{1011}
26407	672	611	$\frac{1}{47}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{23}{47}$	$\Phi_{611}\ \Phi_{47}^2\ \Phi_{13}^2\ \Phi_{1}^4$
26408	672	1128	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{282}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
26409	672	540	$\frac{1}{45}$	$\frac{23}{135}$	$\frac{1}{4}$	$\frac{22}{45}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}\ \Phi_{108}^2\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
26410	672	671	$\frac{15}{671}$	$\frac{49}{671}$	$\frac{311}{671}$	$\frac{328}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_{1}^2$
26411	672	615	$\frac{1}{41}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{20}{41}$	$\Phi_{615}\ \Phi_{205}\ \Phi_{123}\ \Phi_{41}^2\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
26412	672	369	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{369}^2\ \Phi_{123}\ \Phi_{41}^2\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^4$
26413	672	205	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{20}{41}$	$\Phi_{205}^3\ \Phi_{41}^4\ \Phi_{5}^6\ \Phi_{1}^8$
26414	672	671	$\frac{17}{671}$	$\frac{43}{671}$	$\frac{314}{671}$	$\frac{327}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_{1}^2$
26415	672	671	$\frac{17}{671}$	$\frac{86}{671}$	$\frac{195}{671}$	$\frac{327}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_{1}^2$
26416	672	791	$\frac{3}{113}$	$\frac{1}{7}$	$\frac{29}{113}$	$\frac{55}{113}$	Φ_{791}
26417	672	671	$\frac{19}{671}$	$\frac{115}{671}$	$\frac{139}{671}$	$\frac{326}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_{1}^2$
26418	672	845	$\frac{5}{169}$	$\frac{29}{169}$	$\frac{1}{5}$	$\frac{82}{169}$	$\Phi_{845}\ \Phi_{65}$
26419	672	776	$\frac{3}{97}$	$\frac{1}{8}$	$\frac{25}{97}$	$\frac{47}{97}$	$\Phi_{776}\ \Phi_{388}\ \Phi_{194}$
26420	672	900	$\frac{7}{225}$	$\frac{29}{225}$	$\frac{1}{4}$	$\frac{109}{225}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{60}\ \Phi_{50}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
26421	672	671	$\frac{21}{671}$	$\frac{83}{671}$	$\frac{173}{671}$	$\frac{325}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_{1}^2$
26422	672	1240	$\frac{1}{31}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{15}{31}$	$\Phi_{1240}\ \Phi_{248}\ \Phi_{40}^2\ \Phi_{31}\ \Phi_{8}^2\ \Phi_{1}^2$
26423	672	310	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{15}{31}$	$\Phi_{310}^2\ \Phi_{155}^2\ \Phi_{62}^2\ \Phi_{31}^3\ \Phi_{10}^4\ \Phi_{5}^4\ \Phi_{2}^4\ \Phi_{1}^6$
26424	672	248	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{248}^3\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}^3\ \Phi_{8}^6\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
26425	672	775	$\frac{1}{31}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{15}{31}$	$\Phi_{775}\ \Phi_{31}\ \Phi_{25}^2\ \Phi_{1}^2$
26426	672	1011	$\frac{11}{337}$	$\frac{29}{337}$	$\frac{1}{3}$	$\frac{163}{337}$	Φ_{1011}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
26427	672	765	$\frac{3}{85}$	$\frac{1}{9}$	$\frac{22}{85}$	$\frac{41}{85}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}\ \Phi_{51}\ \Phi_{45}\ \Phi_{15}$
26428	672	621	$\frac{1}{27}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{13}{27}$	$\Phi_{621}\ \Phi_{207}\ \Phi_{69}\ \Phi_{27}^2\ \Phi_{23}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
26429	672	351	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{351}^2\ \Phi_{117}^2\ \Phi_{39}^3\ \Phi_{13}^2$
26430	672	621	$\frac{1}{27}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{13}{27}$	$\Phi_{621}\ \Phi_{207}\ \Phi_{69}\ \Phi_{27}^2\ \Phi_{23}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
26431	672	108	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{108}^8\ \Phi_{54}^8\ \Phi_{36}^9\ \Phi_{18}^9\ \Phi_{12}^9\ \Phi_6^9\ \Phi_4^8\ \Phi_2^8$
26432	672	621	$\frac{1}{27}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{13}{27}$	$\Phi_{621}\ \Phi_{207}\ \Phi_{69}\ \Phi_{27}^2\ \Phi_{23}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
26433	672	945	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{13}{27}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{105}\ \Phi_{35}^2$
26434	672	671	$\frac{25}{671}$	$\frac{29}{671}$	$\frac{321}{671}$	$\frac{323}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26435	672	671	$\frac{25}{671}$	$\frac{71}{671}$	$\frac{174}{671}$	$\frac{323}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26436	672	671	$\frac{25}{671}$	$\frac{87}{671}$	$\frac{146}{671}$	$\frac{323}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26437	672	1011	$\frac{13}{337}$	$\frac{25}{337}$	$\frac{1}{3}$	$\frac{162}{337}$	Φ_{1011}
26438	672	500	$\frac{1}{25}$	$\frac{13}{125}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{500}^2\ \Phi_{250}^2\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
26439	672	845	$\frac{7}{169}$	$\frac{22}{169}$	$\frac{1}{5}$	$\frac{81}{169}$	$\Phi_{845}\ \Phi_{65}$
26440	672	671	$\frac{29}{671}$	$\frac{50}{671}$	$\frac{207}{671}$	$\frac{321}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26441	672	671	$\frac{29}{671}$	$\frac{62}{671}$	$\frac{175}{671}$	$\frac{321}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26442	672	345	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{345}^2\ \Phi_{115}^2\ \Phi_{69}\ \Phi_{23}^2\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
26443	672	207	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{11}{23}$	$\Phi_{207}^3\ \Phi_{69}^3\ \Phi_{23}^4\ \Phi_9^6\ \Phi_3^6\ \Phi_1^8$
26444	672	920	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
26445	672	1011	$\frac{15}{337}$	$\frac{22}{337}$	$\frac{1}{3}$	$\frac{161}{337}$	Φ_{1011}
26446	672	61	$\frac{3}{61}$	$\frac{4}{61}$	$\frac{19}{61}$	$\frac{29}{61}$	$\Phi_{61}^{11}\ \Phi_1^{12}$
26447	672	61	$\frac{3}{61}$	$\frac{5}{61}$	$\frac{16}{61}$	$\frac{29}{61}$	$\Phi_{61}^{11}\ \Phi_1^{12}$
26448	672	2040	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{2040}\ \Phi_{408}\ \Phi_{51}$
26449	672	1240	$\frac{1}{20}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{19}{40}$	$\Phi_{1240}\ \Phi_{248}\ \Phi_{40}^2\ \Phi_{31}\ \Phi_8^2\ \Phi_1^2$
26450	672	360	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{360}^4\ \Phi_{120}^4\ \Phi_{72}^4\ \Phi_{45}\ \Phi_{24}^4\ \Phi_{15}$
26451	672	776	$\frac{5}{97}$	$\frac{1}{8}$	$\frac{17}{97}$	$\frac{46}{97}$	$\Phi_{776}\ \Phi_{388}\ \Phi_{194}$
26452	672	247	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{247}^3\ \Phi_{13}^2$
26453	672	671	$\frac{37}{671}$	$\frac{59}{671}$	$\frac{153}{671}$	$\frac{317}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26454	672	671	$\frac{37}{671}$	$\frac{79}{671}$	$\frac{118}{671}$	$\frac{317}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26455	672	900	$\frac{13}{225}$	$\frac{17}{225}$	$\frac{1}{4}$	$\frac{106}{225}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{60}\ \Phi_{50}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
26456	672	153	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{153}^5\ \Phi_{51}^5\ \Phi_9^4\ \Phi_3^4$
26457	672	671	$\frac{41}{671}$	$\frac{89}{671}$	$\frac{97}{671}$	$\frac{315}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26458	672	735	$\frac{3}{49}$	$\frac{1}{15}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
26459	672	791	$\frac{7}{113}$	$\frac{15}{113}$	$\frac{1}{7}$	$\frac{53}{113}$	Φ_{791}
26460	672	671	$\frac{43}{671}$	$\frac{51}{671}$	$\frac{155}{671}$	$\frac{314}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26461	672	671	$\frac{43}{671}$	$\frac{69}{671}$	$\frac{119}{671}$	$\frac{314}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26462	672	845	$\frac{11}{169}$	$\frac{15}{169}$	$\frac{1}{5}$	$\frac{79}{169}$	$\Phi_{845}\ \Phi_{65}$
26463	672	330	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{66}^3\ \Phi_{55}^2\ \Phi_{33}^3\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^3\ \Phi_2^2$
26464	672	615	$\frac{2}{41}$	$\frac{1}{15}$	$\frac{13}{41}$	$\frac{7}{15}$	$\Phi_{615}\ \Phi_{205}\ \Phi_{123}\ \Phi_{41}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
26465	672	60	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{60}^{15}\ \Phi_{30}^{15}\ \Phi_{20}^{15}\ \Phi_{12}^{15}\ \Phi_{10}^{15}\ \Phi_6^{15}\ \Phi_4^{14}\ \Phi_2^{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
26466	672	615	$\frac{1}{15}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{7}{15}$	$\Phi_{615}\ \Phi_{205}\ \Phi_{123}\ \Phi_{41}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
26467	672	840	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
26468	672	671	$\frac{41}{671}$	$\frac{45}{671}$	$\frac{179}{671}$	$\frac{313}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26469	672	1011	$\frac{15}{337}$	$\frac{23}{337}$	$\frac{1}{3}$	$\frac{157}{337}$	Φ_{1011}
26470	672	776	$\frac{7}{97}$	$\frac{1}{8}$	$\frac{13}{97}$	$\frac{45}{97}$	$\Phi_{776}\ \Phi_{388}\ \Phi_{194}$
26471	672	671	$\frac{49}{671}$	$\frac{83}{671}$	$\frac{90}{671}$	$\frac{311}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26472	672	975	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{975}\ \Phi_{195}\ \Phi_{75}^2\ \Phi_{15}^2$
26473	672	611	$\frac{2}{47}$	$\frac{1}{13}$	$\frac{15}{47}$	$\frac{6}{13}$	$\Phi_{611}\ \Phi_{47}^2\ \Phi_{13}^2\ \Phi_1^4$
26474	672	884	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{884}\ \Phi_{442}\ \Phi_{68}^2\ \Phi_{34}^2$
26475	672	611	$\frac{3}{47}$	$\frac{1}{13}$	$\frac{11}{47}$	$\frac{6}{13}$	$\Phi_{611}\ \Phi_{47}^2\ \Phi_{13}^2\ \Phi_1^4$
26476	672	65	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{65}^{13}\ \Phi_5^{12}$
26477	672	611	$\frac{1}{13}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{6}{13}$	$\Phi_{611}\ \Phi_{47}^2\ \Phi_{13}^2\ \Phi_1^4$
26478	672	819	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{63}^2\ \Phi_{21}^2$
26479	672	671	$\frac{35}{671}$	$\frac{53}{671}$	$\frac{181}{671}$	$\frac{309}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26480	672	1011	$\frac{13}{337}$	$\frac{27}{337}$	$\frac{1}{3}$	$\frac{155}{337}$	Φ_{1011}
26481	672	671	$\frac{26}{671}$	$\frac{57}{671}$	$\frac{215}{671}$	$\frac{307}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26482	672	957	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{957}\ \Phi_{87}^2$
26483	672	165	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{53}{165}$	$\frac{5}{11}$	$\Phi_{165}^6\ \Phi_{33}^6\ \Phi_{15}^6\ \Phi_{11}\ \Phi_3^6\ \Phi_1^2$
26484	672	22	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{22}^{32}\ \Phi_{11}^{29}\ \Phi_2^{32}\ \Phi_1^{30}$
26485	672	55	$\frac{3}{55}$	$\frac{1}{11}$	$\frac{13}{55}$	$\frac{5}{11}$	$\Phi_{55}^{12}\ \Phi_{11}^{13}\ \Phi_5^{12}\ \Phi_1^{14}$
26486	672	165	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{165}^4\ \Phi_{55}^3\ \Phi_{33}^4\ \Phi_{15}^8\ \Phi_{11}^4\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
26487	672	121	$\frac{9}{121}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{121}^6\ \Phi_{11}\ \Phi_1^2$
26488	672	33	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{5}{11}$	$\Phi_{33}^{24}\ \Phi_{11}^{13}\ \Phi_3^{24}\ \Phi_1^{14}$
26489	672	55	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{5}{11}$	$\Phi_{55}^{12}\ \Phi_{11}^{13}\ \Phi_5^{12}\ \Phi_1^{14}$
26490	672	792	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{72}^2\ \Phi_{66}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
26491	672	671	$\frac{23}{671}$	$\frac{65}{671}$	$\frac{216}{671}$	$\frac{303}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26492	672	735	$\frac{1}{15}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
26493	672	725	$\frac{1}{25}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{725}\ \Phi_{145}$
26494	672	671	$\frac{53}{671}$	$\frac{71}{671}$	$\frac{103}{671}$	$\frac{300}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26495	672	671	$\frac{31}{671}$	$\frac{73}{671}$	$\frac{160}{671}$	$\frac{299}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26496	672	671	$\frac{62}{671}$	$\frac{73}{671}$	$\frac{87}{671}$	$\frac{299}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26497	672	468	$\frac{5}{117}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{36}\ \Phi_{26}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
26498	672	776	$\frac{9}{97}$	$\frac{11}{97}$	$\frac{1}{8}$	$\frac{43}{97}$	$\Phi_{776}\ \Phi_{388}\ \Phi_{194}$
26499	672	791	$\frac{9}{113}$	$\frac{13}{113}$	$\frac{1}{7}$	$\frac{50}{113}$	Φ_{791}
26500	672	731	$\frac{1}{17}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	Φ_{731}
26501	672	671	$\frac{39}{671}$	$\frac{79}{671}$	$\frac{125}{671}$	$\frac{296}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26502	672	725	$\frac{1}{29}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{725}\ \Phi_{145}$
26503	672	100	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{1}{4}$	$\frac{11}{25}$	$\Phi_{100}^9\ \Phi_{50}^9\ \Phi_{20}^9\ \Phi_{10}^9\ \Phi_4^8\ \Phi_2^8$
26504	672	671	$\frac{23}{671}$	$\frac{81}{671}$	$\frac{188}{671}$	$\frac{295}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
26505	672	671	$\frac{47}{671}$	$\frac{81}{671}$	$\frac{104}{671}$	$\frac{295}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26506	672	1011	$\frac{9}{337}$	$\frac{41}{337}$	$\frac{1}{3}$	$\frac{148}{337}$	Φ_{1011}
26507	672	741	$\frac{1}{13}$	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{25}{57}$	$\Phi_{741}\ \Phi_{247}\ \Phi_{39}$
26508	672	671	$\frac{27}{671}$	$\frac{85}{671}$	$\frac{161}{671}$	$\frac{293}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26509	672	671	$\frac{63}{671}$	$\frac{76}{671}$	$\frac{85}{671}$	$\frac{293}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26510	672	765	$\frac{8}{85}$	$\frac{1}{9}$	$\frac{11}{85}$	$\frac{37}{85}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}\ \Phi_{51}\ \Phi_{45}\ \Phi_{15}$
26511	672	671	$\frac{48}{671}$	$\frac{89}{671}$	$\frac{95}{671}$	$\frac{291}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26512	672	791	$\frac{8}{113}$	$\frac{15}{113}$	$\frac{1}{7}$	$\frac{49}{113}$	Φ_{791}
26513	672	671	$\frac{34}{671}$	$\frac{91}{671}$	$\frac{127}{671}$	$\frac{290}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26514	672	845	$\frac{8}{169}$	$\frac{23}{169}$	$\frac{1}{5}$	$\frac{73}{169}$	$\Phi_{845}\ \Phi_{65}$
26515	672	900	$\frac{8}{225}$	$\frac{31}{225}$	$\frac{1}{4}$	$\frac{97}{225}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{60}\ \Phi_{50}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
26516	672	671	$\frac{20}{671}$	$\frac{93}{671}$	$\frac{191}{671}$	$\frac{289}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26517	672	1011	$\frac{8}{337}$	$\frac{47}{337}$	$\frac{1}{3}$	$\frac{145}{337}$	Φ_{1011}
26518	672	903	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{903}\ \Phi_{129}^2$
26519	672	581	$\frac{2}{83}$	$\frac{1}{7}$	$\frac{27}{83}$	$\frac{3}{7}$	$\Phi_{581}\ \Phi_{83}^2\ \Phi_7^2\ \Phi_1^4$
26520	672	812	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{812}\ \Phi_{406}\ \Phi_{116}^2\ \Phi_{58}^2$
26521	672	581	$\frac{3}{83}$	$\frac{1}{7}$	$\frac{20}{83}$	$\frac{3}{7}$	$\Phi_{581}\ \Phi_{83}^2\ \Phi_7^2\ \Phi_1^4$
26522	672	770	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{770}\ \Phi_{385}\ \Phi_{110}^2\ \Phi_{70}\ \Phi_{55}^2\ \Phi_{10}^2$
26523	672	581	$\frac{5}{83}$	$\frac{1}{7}$	$\frac{13}{83}$	$\frac{3}{7}$	$\Phi_{581}\ \Phi_{83}^2\ \Phi_7^2\ \Phi_1^4$
26524	672	105	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{105}^7\ \Phi_{35}^7\ \Phi_{21}^7\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^6$
26525	672	581	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{581}\ \Phi_{83}^2\ \Phi_7^2\ \Phi_1^4$
26526	672	728	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{26}^2$
26527	672	671	$\frac{48}{671}$	$\frac{89}{671}$	$\frac{97}{671}$	$\frac{287}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26528	672	61	$\frac{5}{61}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{26}{61}$	$\Phi_{61}^{11}\ \Phi_1^{12}$
26529	672	765	$\frac{7}{85}$	$\frac{1}{9}$	$\frac{13}{85}$	$\frac{36}{85}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}\ \Phi_{51}\ \Phi_{45}\ \Phi_{15}$
26530	672	776	$\frac{7}{97}$	$\frac{1}{8}$	$\frac{15}{97}$	$\frac{41}{97}$	$\Phi_{776}\ \Phi_{388}\ \Phi_{194}$
26531	672	671	$\frac{41}{671}$	$\frac{97}{671}$	$\frac{105}{671}$	$\frac{283}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26532	672	845	$\frac{7}{169}$	$\frac{27}{169}$	$\frac{1}{5}$	$\frac{71}{169}$	$\Phi_{845}\ \Phi_{65}$
26533	672	671	$\frac{17}{671}$	$\frac{109}{671}$	$\frac{195}{671}$	$\frac{281}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26534	672	1011	$\frac{7}{337}$	$\frac{55}{337}$	$\frac{1}{3}$	$\frac{141}{337}$	Φ_{1011}
26535	672	588	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{588}^2\ \Phi_{196}^2\ \Phi_{147}\ \Phi_{84}^2\ \Phi_{28}^2\ \Phi_{21}$
26536	672	1140	$\frac{2}{95}$	$\frac{1}{6}$	$\frac{31}{95}$	$\frac{5}{12}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{228}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{20}\ \Phi_{19}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
26537	672	132	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{132}^4\ \Phi_{66}^7\ \Phi_{44}^4\ \Phi_{33}^6\ \Phi_{22}^7\ \Phi_{12}^3\ \Phi_{11}^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
26538	672	1140	$\frac{3}{95}$	$\frac{1}{6}$	$\frac{23}{95}$	$\frac{5}{12}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{228}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{20}\ \Phi_{19}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
26539	672	300	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{300}^4\ \Phi_{100}^4\ \Phi_{60}^3\ \Phi_{25}^4\ \Phi_{20}^3\ \Phi_{12}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
26540	672	228	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{228}^5\ \Phi_{76}^5\ \Phi_{19}^5\ \Phi_{12}^6\ \Phi_4^6\ \Phi_1^6$
26541	672	1428	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{119}$
26542	672	1140	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{228}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{20}\ \Phi_{19}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
26543	672	468	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{468}^3\ \Phi_{156}^2\ \Phi_{117}\ \Phi_{52}^2\ \Phi_{39}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
26544	672	671	$\frac{14}{671}$	$\frac{113}{671}$	$\frac{219}{671}$	$\frac{279}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_{1}^{2}$
26545	672	731	$\frac{1}{43}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	Φ_{731}
26546	672	61	$\frac{5}{61}$	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{25}{61}$	$\Phi_{61}^{11}\ \Phi_{1}^{12}$
26547	672	671	$\frac{19}{671}$	$\frac{127}{671}$	$\frac{163}{671}$	$\frac{272}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_{1}^{2}$
26548	672	285	$\frac{1}{57}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{285}^{2}\ \Phi_{95}^{2}\ \Phi_{57}^{4}\ \Phi_{19}^{4}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
26549	672	490	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{490}^{2}\ \Phi_{245}\ \Phi_{98}^{2}\ \Phi_{70}^{2}\ \Phi_{35}\ \Phi_{14}^{2}$
26550	672	460	$\frac{3}{115}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{460}^{2}\ \Phi_{230}^{2}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{20}\ \Phi_{10}$
26551	672	185	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{9}{37}$	$\frac{2}{5}$	$\Phi_{185}^{3}\ \Phi_{37}^{6}\ \Phi_{5}^{4}\ \Phi_{1}^{8}$
26552	672	145	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{145}^{5}\ \Phi_{29}^{4}$
26553	672	185	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{185}^{3}\ \Phi_{37}^{6}\ \Phi_{5}^{4}\ \Phi_{1}^{8}$
26554	672	680	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}^{2}\ \Phi_{68}^{2}\ \Phi_{34}^{2}$
26555	672	555	$\frac{7}{111}$	$\frac{13}{111}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{555}\ \Phi_{185}\ \Phi_{111}^{2}\ \Phi_{37}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
26556	672	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{45}^{17}\ \Phi_{15}^{11}\ \Phi_{9}^{16}\ \Phi_{5}^{12}\ \Phi_{3}^{10}\ \Phi_{1}^{12}$
26557	672	671	$\frac{29}{671}$	$\frac{107}{671}$	$\frac{141}{671}$	$\frac{265}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_{1}^{2}$
26558	672	66	$\frac{1}{22}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{66}^{11}\ \Phi_{33}^{10}\ \Phi_{22}^{10}\ \Phi_{11}^{9}\ \Phi_{6}^{11}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
26559	672	671	$\frac{34}{671}$	$\frac{91}{671}$	$\frac{145}{671}$	$\frac{263}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_{1}^{2}$
26560	672	183	$\frac{1}{61}$	$\frac{41}{183}$	$\frac{20}{61}$	$\frac{71}{183}$	$\Phi_{183}^{3}\ \Phi_{61}^{5}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
26561	672	735	$\frac{1}{15}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
26562	672	741	$\frac{1}{13}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{741}\ \Phi_{247}\ \Phi_{39}$
26563	672	741	$\frac{1}{57}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{741}\ \Phi_{247}\ \Phi_{39}$
26564	672	671	$\frac{51}{671}$	$\frac{59}{671}$	$\frac{155}{671}$	$\frac{258}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_{1}^{2}$
26565	672	671	$\frac{43}{671}$	$\frac{69}{671}$	$\frac{157}{671}$	$\frac{257}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_{1}^{2}$
26566	672	306	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{306}^{4}\ \Phi_{153}\ \Phi_{102}^{4}\ \Phi_{51}\ \Phi_{18}^{4}\ \Phi_{6}^{4}$
26567	672	776	$\frac{5}{97}$	$\frac{1}{8}$	$\frac{23}{97}$	$\frac{37}{97}$	$\Phi_{776}\ \Phi_{388}\ \Phi_{194}$
26568	672	791	$\frac{5}{113}$	$\frac{1}{7}$	$\frac{27}{113}$	$\frac{43}{113}$	Φ_{791}
26569	672	671	$\frac{27}{671}$	$\frac{104}{671}$	$\frac{161}{671}$	$\frac{255}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_{1}^{2}$
26570	672	845	$\frac{5}{169}$	$\frac{1}{5}$	$\frac{41}{169}$	$\frac{64}{169}$	$\Phi_{845}\ \Phi_{65}$
26571	672	671	$\frac{19}{671}$	$\frac{139}{671}$	$\frac{163}{671}$	$\frac{254}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_{1}^{2}$
26572	672	180	$\frac{1}{45}$	$\frac{11}{45}$	$\frac{1}{4}$	$\frac{17}{45}$	$\Phi_{180}^{5}\ \Phi_{90}^{5}\ \Phi_{60}^{5}\ \Phi_{36}^{5}\ \Phi_{30}^{5}\ \Phi_{20}^{5}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
26573	672	61	$\frac{1}{61}$	$\frac{15}{61}$	$\frac{19}{61}$	$\frac{23}{61}$	$\Phi_{61}^{11}\ \Phi_{1}^{12}$
26574	672	1011	$\frac{5}{337}$	$\frac{83}{337}$	$\frac{1}{3}$	$\frac{127}{337}$	Φ_{1011}
26575	672	671	$\frac{15}{671}$	$\frac{164}{671}$	$\frac{169}{671}$	$\frac{251}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_{1}^{2}$
26576	672	725	$\frac{1}{29}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{725}\ \Phi_{145}$
26577	672	671	$\frac{27}{671}$	$\frac{92}{671}$	$\frac{193}{671}$	$\frac{239}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_{1}^{2}$
26578	672	671	$\frac{31}{671}$	$\frac{80}{671}$	$\frac{197}{671}$	$\frac{237}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_{1}^{2}$
26579	672	731	$\frac{1}{17}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	Φ_{731}
26580	672	735	$\frac{1}{15}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
26581	672	61	$\frac{4}{61}$	$\frac{5}{61}$	$\frac{19}{61}$	$\frac{21}{61}$	$\Phi_{61}^{11}\ \Phi_{1}^{12}$
26582	672	671	$\frac{38}{671}$	$\frac{63}{671}$	$\frac{211}{671}$	$\frac{230}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
26583	672	765	$\frac{4}{85}$	$\frac{1}{9}$	$\frac{27}{85}$	$\frac{29}{85}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}\ \Phi_{51}\ \Phi_{45}\ \Phi_{15}$
26584	672	776	$\frac{4}{97}$	$\frac{1}{8}$	$\frac{31}{97}$	$\frac{33}{97}$	$\Phi_{776}\ \Phi_{388}\ \Phi_{194}$
26585	672	671	$\frac{20}{671}$	$\frac{111}{671}$	$\frac{217}{671}$	$\frac{227}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_{1}^2$
26586	672	845	$\frac{4}{169}$	$\frac{1}{5}$	$\frac{55}{169}$	$\frac{57}{169}$	$\Phi_{845}\ \Phi_{65}$
26587	672	671	$\frac{8}{671}$	$\frac{221}{671}$	$\frac{223}{671}$	$\frac{225}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_{1}^2$
26588	672	1011	$\frac{4}{337}$	$\frac{111}{337}$	$\frac{1}{3}$	$\frac{113}{337}$	Φ_{1011}
26589	672	255	$\frac{1}{85}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{255}^3\ \Phi_{85}^2\ \Phi_{51}^3\ \Phi_{17}^2\ \Phi_{15}^3\ \Phi_{5}^2$
26590	672	501	$\frac{2}{167}$	$\frac{55}{167}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{501}\ \Phi_{167}^2\ \Phi_{3}^2\ \Phi_{1}^4$
26591	672	228	$\frac{1}{57}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{228}^4\ \Phi_{114}^4\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
26592	672	501	$\frac{3}{167}$	$\frac{41}{167}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{501}\ \Phi_{167}^2\ \Phi_{3}^2\ \Phi_{1}^4$
26593	672	441	$\frac{1}{49}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{441}^2\ \Phi_{147}\ \Phi_{63}^2\ \Phi_{21}$
26594	672	645	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{645}\ \Phi_{215}^2$
26595	672	501	$\frac{5}{167}$	$\frac{27}{167}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{501}\ \Phi_{167}^2\ \Phi_{3}^2\ \Phi_{1}^4$
26596	672	609	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{609}\ \Phi_{203}^2$
26597	672	501	$\frac{6}{167}$	$\frac{23}{167}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{501}\ \Phi_{167}^2\ \Phi_{3}^2\ \Phi_{1}^4$
26598	672	600	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}^2\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}^2\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
26599	672	501	$\frac{7}{167}$	$\frac{20}{167}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{501}\ \Phi_{167}^2\ \Phi_{3}^2\ \Phi_{1}^4$
26600	672	198	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{198}^4\ \Phi_{99}^4\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}^4\ \Phi_{11}^2\ \Phi_{6}^3\ \Phi_{2}^2$
26601	672	501	$\frac{11}{167}$	$\frac{13}{167}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{501}\ \Phi_{167}^2\ \Phi_{3}^2\ \Phi_{1}^4$
26602	672	195	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^4\ \Phi_{65}^4\ \Phi_{39}^3\ \Phi_{13}^2$
26603	672	1332	$\frac{2}{111}$	$\frac{1}{4}$	$\frac{109}{333}$	$\frac{1}{3}$	$\Phi_{1332}\ \Phi_{666}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
26604	672	855	$\frac{2}{95}$	$\frac{2}{9}$	$\frac{31}{95}$	$\frac{1}{3}$	$\Phi_{855}\ \Phi_{171}\ \Phi_{95}\ \Phi_{45}\ \Phi_{19}\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{1}^2$
26605	672	1245	$\frac{2}{83}$	$\frac{1}{5}$	$\frac{27}{83}$	$\frac{1}{3}$	$\Phi_{1245}\ \Phi_{15}^2$
26606	672	1011	$\frac{10}{337}$	$\frac{57}{337}$	$\frac{109}{337}$	$\frac{1}{3}$	Φ_{1011}
26607	672	1128	$\frac{2}{47}$	$\frac{1}{8}$	$\frac{15}{47}$	$\frac{1}{3}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{282}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
26608	672	369	$\frac{2}{41}$	$\frac{1}{9}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{369}^2\ \Phi_{123}\ \Phi_{41}^2\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^4$
26609	672	1011	$\frac{19}{337}$	$\frac{33}{337}$	$\frac{106}{337}$	$\frac{1}{3}$	Φ_{1011}
26610	672	1011	$\frac{22}{337}$	$\frac{29}{337}$	$\frac{105}{337}$	$\frac{1}{3}$	Φ_{1011}
26611	672	1053	$\frac{2}{27}$	$\frac{1}{13}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{1053}\ \Phi_{39}$
26612	672	345	$\frac{1}{15}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{345}^2\ \Phi_{115}^2\ \Phi_{69}\ \Phi_{23}^2\ \Phi_{15}^4\ \Phi_{5}^4\ \Phi_{3}^2\ \Phi_{1}^4$
26613	672	510	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{510}^2\ \Phi_{255}^2\ \Phi_{102}^2\ \Phi_{51}^3$
26614	672	1011	$\frac{17}{337}$	$\frac{40}{337}$	$\frac{99}{337}$	$\frac{1}{3}$	Φ_{1011}
26615	672	990	$\frac{1}{22}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{198}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{33}\ \Phi_{18}\ \Phi_{6}$
26616	672	1011	$\frac{15}{337}$	$\frac{46}{337}$	$\frac{97}{337}$	$\frac{1}{3}$	Φ_{1011}
26617	672	957	$\frac{1}{29}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{957}\ \Phi_{87}^2$
26618	672	1011	$\frac{9}{337}$	$\frac{82}{337}$	$\frac{85}{337}$	$\frac{1}{3}$	Φ_{1011}
26619	672	444	$\frac{1}{37}$	$\frac{9}{37}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{444}^3\ \Phi_{222}^3\ \Phi_{12}^4\ \Phi_{6}^4$
26620	672	396	$\frac{1}{33}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{22}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{6}$
26621	672	1740	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1740}\ \Phi_{870}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
26622	672	444	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{444}^3\ \Phi_{222}^3\ \Phi_{12}^4\ \Phi_{6}^4$
26623	672	408	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{408}^3\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{51}^3$
26624	672	444	$\frac{7}{111}$	$\frac{13}{111}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{444}^2\ \Phi_{222}^2\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
26625	672	180	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
26626	672	855	$\frac{3}{95}$	$\frac{2}{9}$	$\frac{23}{95}$	$\frac{1}{3}$	$\Phi_{855}\ \Phi_{171}\ \Phi_{95}\ \Phi_{45}\ \Phi_{19}\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{1}^2$
26627	672	1245	$\frac{3}{83}$	$\frac{1}{5}$	$\frac{20}{83}$	$\frac{1}{3}$	$\Phi_{1245}\ \Phi_{15}^2$
26628	672	1011	$\frac{13}{337}$	$\frac{64}{337}$	$\frac{81}{337}$	$\frac{1}{3}$	Φ_{1011}
26629	672	1155	$\frac{3}{55}$	$\frac{1}{7}$	$\frac{13}{55}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{105}\ \Phi_{21}^2$
26630	672	1011	$\frac{21}{337}$	$\frac{43}{337}$	$\frac{79}{337}$	$\frac{1}{3}$	Φ_{1011}
26631	672	1128	$\frac{3}{47}$	$\frac{1}{8}$	$\frac{11}{47}$	$\frac{1}{3}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{282}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
26632	672	1011	$\frac{25}{337}$	$\frac{37}{337}$	$\frac{78}{337}$	$\frac{1}{3}$	Φ_{1011}
26633	672	225	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{225}^4\ \Phi_{45}^3\ \Phi_{25}^4\ \Phi_{9}^4\ \Phi_{5}^3\ \Phi_{1}^4$
26634	672	171	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{171}^5\ \Phi_{19}^5\ \Phi_{9}^6\ \Phi_{1}^6$
26635	672	1071	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1071}\ \Phi_{119}$
26636	672	855	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{855}\ \Phi_{171}\ \Phi_{95}\ \Phi_{45}\ \Phi_{19}\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{1}^2$
26637	672	117	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{117}^6\ \Phi_{39}^7\ \Phi_{13}^6$
26638	672	345	$\frac{1}{15}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{345}^2\ \Phi_{115}^2\ \Phi_{69}\ \Phi_{23}^2\ \Phi_{15}^4\ \Phi_{5}^4\ \Phi_{3}^2\ \Phi_{1}^4$
26639	672	1011	$\frac{22}{337}$	$\frac{45}{337}$	$\frac{73}{337}$	$\frac{1}{3}$	Φ_{1011}
26640	672	1011	$\frac{19}{337}$	$\frac{53}{337}$	$\frac{71}{337}$	$\frac{1}{3}$	Φ_{1011}
26641	672	330	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{330}^3\ \Phi_{165}^3\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_{30}^3\ \Phi_{6}^4$
26642	672	1275	$\frac{1}{17}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1275}\ \Phi_{51}$
26643	672	1245	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1245}\ \Phi_{15}^2$
26644	672	105	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^7\ \Phi_{35}^8\ \Phi_{21}^8\ \Phi_{7}^8$
26645	672	1245	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1245}\ \Phi_{15}^2$
26646	672	1560	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}$
26647	672	231	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{33}$	$\frac{1}{3}$	$\Phi_{231}^3\ \Phi_{77}^4\ \Phi_{21}^4\ \Phi_{7}^4$
26648	672	1128	$\frac{5}{47}$	$\frac{1}{8}$	$\frac{7}{47}$	$\frac{1}{3}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{282}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
26649	672	1011	$\frac{37}{337}$	$\frac{41}{337}$	$\frac{50}{337}$	$\frac{1}{3}$	Φ_{1011}
26650	672	369	$\frac{1}{9}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{3}$	$\Phi_{369}^2\ \Phi_{123}\ \Phi_{41}^2\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^4$
26651	672	1011	$\frac{36}{337}$	$\frac{43}{337}$	$\frac{49}{337}$	$\frac{1}{3}$	Φ_{1011}
26652	672	1155	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{105}\ \Phi_{21}^2$
26653	672	504	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
26654	672	660	$\frac{2}{55}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{53}{165}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{6}^2$
26655	672	205	$\frac{2}{41}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{13}{41}$	$\Phi_{205}^3\ \Phi_{41}^4\ \Phi_{5}^6\ \Phi_{1}^8$
26656	672	671	$\frac{38}{671}$	$\frac{115}{671}$	$\frac{139}{671}$	$\frac{211}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_{1}^2$
26657	672	845	$\frac{10}{169}$	$\frac{29}{169}$	$\frac{1}{5}$	$\frac{53}{169}$	$\Phi_{845}\ \Phi_{65}$
26658	672	324	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{25}{81}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
26659	672	65	$\frac{1}{13}$	$\frac{9}{65}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{65}^{10}\ \Phi_{13}^{12}\ \Phi_{5}^9\ \Phi_{1}^{12}$
26660	672	207	$\frac{2}{23}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{23}$	$\Phi_{207}^3\ \Phi_{69}^3\ \Phi_{23}^4\ \Phi_{9}^6\ \Phi_{3}^6\ \Phi_{1}^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
26661	672	920	$\frac{2}{23}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
26662	672	671	$\frac{65}{671}$	$\frac{67}{671}$	$\frac{151}{671}$	$\frac{202}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26663	672	310	$\frac{3}{31}$	$\frac{1}{10}$	$\frac{7}{31}$	$\frac{3}{10}$	$\Phi_{310}^2\ \Phi_{155}^2\ \Phi_{62}^2\ \Phi_{31}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
26664	672	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{90}^8\ \Phi_{45}^9\ \Phi_{30}^8\ \Phi_{18}^8\ \Phi_{15}^9\ \Phi_9^8\ \Phi_6^8\ \Phi_3^8$
26665	672	776	$\frac{10}{97}$	$\frac{1}{8}$	$\frac{17}{97}$	$\frac{29}{97}$	$\Phi_{776}\ \Phi_{388}\ \Phi_{194}$
26666	672	671	$\frac{59}{671}$	$\frac{74}{671}$	$\frac{153}{671}$	$\frac{199}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26667	672	671	$\frac{74}{671}$	$\frac{79}{671}$	$\frac{118}{671}$	$\frac{199}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26668	672	972	$\frac{19}{243}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{162}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
26669	672	845	$\frac{17}{169}$	$\frac{19}{169}$	$\frac{1}{5}$	$\frac{50}{169}$	$\Phi_{845}\ \Phi_{65}$
26670	672	153	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{153}^5\ \Phi_{51}^5\ \Phi_9^4\ \Phi_3^4$
26671	672	671	$\frac{69}{671}$	$\frac{86}{671}$	$\frac{119}{671}$	$\frac{195}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26672	672	845	$\frac{15}{169}$	$\frac{22}{169}$	$\frac{1}{5}$	$\frac{49}{169}$	$\Phi_{845}\ \Phi_{65}$
26673	672	180	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{13}{45}$	$\Phi_{180}^7\ \Phi_{90}^7\ \Phi_{60}\ \Phi_{36}^7\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^7\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
26674	672	105	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{105}^7\ \Phi_{35}^7\ \Phi_{21}^4\ \Phi_{15}^6\ \Phi_7^6\ \Phi_5^6\ \Phi_3^3\ \Phi_1^6$
26675	672	195	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{5}$	$\frac{11}{39}$	$\Phi_{195}^6\ \Phi_{65}\ \Phi_{15}^6$
26676	672	55	$\frac{3}{55}$	$\frac{2}{11}$	$\frac{13}{55}$	$\frac{3}{11}$	$\Phi_{55}^{12}\ \Phi_{11}^{13}\ \Phi_5^{12}\ \Phi_1^{14}$
26677	672	165	$\frac{1}{15}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{165}^4\ \Phi_{55}^3\ \Phi_{33}^4\ \Phi_{15}^8\ \Phi_{11}^4\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
26678	672	33	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{33}^{24}\ \Phi_{11}^{13}\ \Phi_3^{24}\ \Phi_1^{14}$
26679	672	55	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{55}^{12}\ \Phi_{11}^{13}\ \Phi_5^{12}\ \Phi_1^{14}$
26680	672	792	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{72}^2\ \Phi_{66}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
26681	672	671	$\frac{35}{671}$	$\frac{128}{671}$	$\frac{159}{671}$	$\frac{181}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26682	672	735	$\frac{1}{15}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
26683	672	247	$\frac{1}{13}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{247}^3\ \Phi_{13}^2$
26684	672	61	$\frac{5}{61}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{61}^{11}\ \Phi_1^{12}$
26685	672	671	$\frac{62}{671}$	$\frac{87}{671}$	$\frac{146}{671}$	$\frac{175}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26686	672	671	$\frac{71}{671}$	$\frac{75}{671}$	$\frac{149}{671}$	$\frac{174}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26687	672	765	$\frac{9}{85}$	$\frac{1}{9}$	$\frac{19}{85}$	$\frac{22}{85}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}\ \Phi_{51}\ \Phi_{45}\ \Phi_{15}$
26688	672	776	$\frac{9}{97}$	$\frac{1}{8}$	$\frac{22}{97}$	$\frac{25}{97}$	$\Phi_{776}\ \Phi_{388}\ \Phi_{194}$
26689	672	671	$\frac{39}{671}$	$\frac{125}{671}$	$\frac{158}{671}$	$\frac{171}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26690	672	845	$\frac{9}{169}$	$\frac{1}{5}$	$\frac{40}{169}$	$\frac{43}{169}$	$\Phi_{845}\ \Phi_{65}$
26691	672	300	$\frac{1}{25}$	$\frac{6}{25}$	$\frac{1}{4}$	$\frac{19}{75}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}\ \Phi_{60}^4\ \Phi_{50}\ \Phi_{30}^4\ \Phi_{20}\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^4$
26692	672	220	$\frac{3}{55}$	$\frac{1}{5}$	$\frac{13}{55}$	$\frac{1}{4}$	$\Phi_{220}^4\ \Phi_{110}^4\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_4^4\ \Phi_2^4$
26693	672	900	$\frac{13}{225}$	$\frac{43}{225}$	$\frac{53}{225}$	$\frac{1}{4}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{60}\ \Phi_{50}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
26694	672	248	$\frac{3}{31}$	$\frac{1}{8}$	$\frac{7}{31}$	$\frac{1}{4}$	$\Phi_{248}^3\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
26695	672	36	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{36}^{25}\ \Phi_{18}^{25}\ \Phi_{12}^{25}\ \Phi_6^{25}\ \Phi_4^{24}\ \Phi_2^{24}$
26696	672	900	$\frac{22}{225}$	$\frac{29}{225}$	$\frac{49}{225}$	$\frac{1}{4}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{60}\ \Phi_{50}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
26697	672	60	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{60}^{16}\ \Phi_{30}^{16}\ \Phi_{20}^{13}\ \Phi_{12}^{16}\ \Phi_{10}^{13}\ \Phi_6^{16}\ \Phi_4^{12}\ \Phi_2^{12}$
26698	672	1100	$\frac{4}{55}$	$\frac{51}{275}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
26699	672	660	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}\ \Phi_{110}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{10}^2$
26700	672	220	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{220}^4\ \Phi_{110}^4\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_4^4\ \Phi_2^4$
26701	672	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{360}^3\ \Phi_{180}^2\ \Phi_{120}^3\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{15}^3$
26702	672	540	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{135}$	$\frac{1}{4}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
26703	672	130	$\frac{1}{13}$	$\frac{5}{26}$	$\frac{1}{5}$	$\frac{3}{13}$	$\Phi_{130}^8\ \Phi_{65}^5\ \Phi_{10}^8\ \Phi_5^4$
26704	672	775	$\frac{3}{31}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{31}$	$\Phi_{775}\ \Phi_{31}\ \Phi_{25}^2\ \Phi_1^2$
26705	672	207	$\frac{1}{9}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{2}{9}$	$\Phi_{207}^3\ \Phi_{69}^3\ \Phi_{23}^4\ \Phi_9^6\ \Phi_3^6\ \Phi_1^8$
26706	672	315	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{315}^3\ \Phi_{105}^3\ \Phi_{35}^4$
26707	672	671	$\frac{75}{671}$	$\frac{87}{671}$	$\frac{146}{671}$	$\frac{149}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26708	672	791	$\frac{13}{113}$	$\frac{1}{7}$	$\frac{22}{113}$	$\frac{25}{113}$	Φ_{791}
26709	672	671	$\frac{83}{671}$	$\frac{90}{671}$	$\frac{131}{671}$	$\frac{147}{671}$	$\Phi_{671}\ \Phi_{61}\ \Phi_{11}\ \Phi_1^2$
26710	672	845	$\frac{21}{169}$	$\frac{22}{169}$	$\frac{1}{5}$	$\frac{37}{169}$	$\Phi_{845}\ \Phi_{65}$
26711	672	920	$\frac{1}{8}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{5}{23}$	$\Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
26712	672	776	$\frac{1}{8}$	$\frac{13}{97}$	$\frac{19}{97}$	$\frac{21}{97}$	$\Phi_{776}\ \Phi_{388}\ \Phi_{194}$
26713	672	61	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{12}{61}$	$\frac{13}{61}$	$\Phi_{61}^{11}\ \Phi_1^{12}$
26714	672	845	$\frac{19}{169}$	$\frac{25}{169}$	$\frac{1}{5}$	$\frac{36}{169}$	$\Phi_{845}\ \Phi_{65}$
26715	672	225	$\frac{1}{9}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{225}^4\ \Phi_{75}^4\ \Phi_{45}\ \Phi_{15}$
26716	672	205	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{205}^3\ \Phi_{41}^4\ \Phi_5^6\ \Phi_1^8$
26717	672	280	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{280}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{56}^4\ \Phi_{28}^4\ \Phi_{14}^4$
26718	673	900	$\frac{2}{225}$	$\frac{227}{900}$	$\frac{1}{3}$	$\frac{223}{450}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
26719	673	1152	$\frac{1}{96}$	$\frac{97}{576}$	$\frac{479}{1152}$	$\frac{95}{192}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_1$
26720	673	1332	$\frac{7}{666}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{659}{1332}$	$\Phi_{1332}\ \Phi_{444}\ \Phi_{148}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
26721	673	810	$\frac{2}{135}$	$\frac{137}{810}$	$\frac{1}{3}$	$\frac{133}{270}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{162}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
26722	673	1320	$\frac{13}{660}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{647}{1320}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{120}\ \Phi_{88}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
26723	673	750	$\frac{2}{75}$	$\frac{77}{750}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{750}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_1$
26724	673	1280	$\frac{1}{32}$	$\frac{33}{640}$	$\frac{607}{1280}$	$\frac{31}{64}$	$\Phi_{1280}\ \Phi_{256}\ \Phi_{64}\ \Phi_1$
26725	673	960	$\frac{1}{32}$	$\frac{33}{320}$	$\frac{287}{960}$	$\frac{31}{64}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
26726	673	768	$\frac{1}{32}$	$\frac{95}{768}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
26727	673	1296	$\frac{25}{648}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{623}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_9\ \Phi_1$
26728	673	1296	$\frac{25}{648}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{623}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
26729	673	720	$\frac{2}{45}$	$\frac{47}{720}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
26730	673	912	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{239}{912}$	$\frac{217}{456}$	$\Phi_{912}\ \Phi_{304}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
26731	673	816	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{143}{816}$	$\frac{129}{272}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
26732	673	1280	$\frac{33}{640}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{607}{1280}$	$\Phi_{1280}\ \Phi_{256}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
26733	673	728	$\frac{3}{52}$	$\frac{55}{728}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{91}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}\ \Phi_{13}\ \Phi_7\ \Phi_1$
26734	673	1260	$\frac{2}{45}$	$\frac{43}{630}$	$\frac{1}{3}$	$\frac{587}{1260}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
26735	673	1260	$\frac{1}{21}$	$\frac{43}{630}$	$\frac{20}{63}$	$\frac{587}{1260}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
26736	673	702	$\frac{29}{702}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{702}\ \Phi_{351}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_9\ \Phi_1$
26737	673	1248	$\frac{3}{52}$	$\frac{49}{624}$	$\frac{1}{4}$	$\frac{575}{1248}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{96}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
26738	673	924	$\frac{1}{21}$	$\frac{20}{231}$	$\frac{251}{924}$	$\frac{211}{462}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{231}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{44}\ \Phi_{33}\ \Phi_{28}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
26739	673	1200	$\frac{2}{75}$	$\frac{73}{600}$	$\frac{1}{3}$	$\frac{527}{1200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{80}\ \Phi_{75}\ \Phi_{48}\ \Phi_{25}\ \Phi_{16}\ \Phi_{15}\ \Phi_5\ \Phi_1$
26740	673	784	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{111}{784}$	$\frac{85}{196}$	$\Phi_{784}\ \Phi_{392}\ \Phi_{112}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{16}\ \Phi_8\ \Phi_1$
26741	673	690	$\frac{17}{690}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{138}\ \Phi_{115}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_{15}\ \Phi_5\ \Phi_1$
26742	673	1176	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{85}{588}$	$\frac{503}{1176}$	$\Phi_{1176}\ \Phi_{392}\ \Phi_{168}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{24}\ \Phi_8\ \Phi_1$
26743	673	1152	$\frac{1}{48}$	$\frac{97}{576}$	$\frac{47}{144}$	$\frac{479}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
26744	673	720	$\frac{47}{720}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
26745	673	840	$\frac{1}{28}$	$\frac{27}{140}$	$\frac{167}{840}$	$\frac{113}{280}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
26746	673	960	$\frac{1}{48}$	$\frac{47}{240}$	$\frac{287}{960}$	$\frac{193}{480}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
26747	673	1120	$\frac{1}{28}$	$\frac{27}{140}$	$\frac{113}{560}$	$\frac{447}{1120}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
26748	673	684	$\frac{11}{684}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
26749	673	1088	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{129}{544}$	$\frac{415}{1088}$	$\Phi_{1088}\ \Phi_{136}\ \Phi_{68}\ \Phi_{64}\ \Phi_{34}\ \Phi_{17}\ \Phi_1$
26750	673	1080	$\frac{2}{135}$	$\frac{133}{540}$	$\frac{1}{3}$	$\frac{407}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
26751	673	720	$\frac{47}{720}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
26752	673	756	$\frac{1}{21}$	$\frac{83}{756}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{54}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
26753	673	864	$\frac{1}{48}$	$\frac{191}{864}$	$\frac{47}{144}$	$\frac{97}{288}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
26754	673	1008	$\frac{1}{84}$	$\frac{83}{252}$	$\frac{335}{1008}$	$\frac{169}{504}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
26755	673	999	$\frac{7}{333}$	$\frac{2}{9}$	$\frac{326}{999}$	$\frac{1}{3}$	$\Phi_{999}\ \Phi_{27}\ \Phi_9\ \Phi_1$
26756	673	990	$\frac{13}{330}$	$\frac{2}{15}$	$\frac{317}{990}$	$\frac{1}{3}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{198}\ \Phi_{99}\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
26757	673	729	$\frac{2}{27}$	$\frac{56}{729}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{729}\ \Phi_{243}\ \Phi_{27}\ \Phi_9\ \Phi_1$
26758	673	972	$\frac{2}{27}$	$\frac{25}{324}$	$\frac{299}{972}$	$\frac{1}{3}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{27}\ \Phi_9\ \Phi_1$
26759	673	945	$\frac{2}{45}$	$\frac{43}{315}$	$\frac{272}{945}$	$\frac{1}{3}$	$\Phi_{945}\ \Phi_{189}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
26760	673	900	$\frac{2}{75}$	$\frac{73}{300}$	$\frac{227}{900}$	$\frac{1}{3}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{225}\ \Phi_{180}\ \Phi_{90}\ \Phi_{75}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
26761	673	756	$\frac{2}{27}$	$\frac{83}{756}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
26762	673	864	$\frac{2}{27}$	$\frac{25}{216}$	$\frac{191}{864}$	$\frac{1}{3}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_9\ \Phi_1$
26763	673	720	$\frac{47}{720}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
26764	673	825	$\frac{13}{165}$	$\frac{2}{15}$	$\frac{152}{825}$	$\frac{1}{3}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_1$
26765	673	810	$\frac{2}{27}$	$\frac{25}{162}$	$\frac{137}{810}$	$\frac{1}{3}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
26766	673	945	$\frac{1}{21}$	$\frac{43}{315}$	$\frac{272}{945}$	$\frac{20}{63}$	$\Phi_{945}\ \Phi_{189}\ \Phi_{135}\ \Phi_{63}\ \Phi_{27}\ \Phi_9\ \Phi_1$
26767	673	780	$\frac{3}{52}$	$\frac{107}{780}$	$\frac{1}{4}$	$\frac{49}{156}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{30}\ \Phi_{26}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_1$
26768	673	972	$\frac{25}{324}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{299}{972}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
26769	673	756	$\frac{1}{12}$	$\frac{83}{756}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
26770	673	864	$\frac{1}{12}$	$\frac{25}{216}$	$\frac{191}{864}$	$\frac{11}{36}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
26771	673	960	$\frac{33}{320}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{287}{960}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
26772	673	882	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{209}{882}$	$\frac{85}{294}$	$\Phi_{882}\ \Phi_{441}\ \Phi_{126}\ \Phi_{98}\ \Phi_{63}\ \Phi_{49}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
26773	673	936	$\frac{3}{52}$	$\frac{49}{312}$	$\frac{1}{4}$	$\frac{263}{936}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{117}\ \Phi_{72}\ \Phi_{52}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
26774	673	832	$\frac{3}{52}$	$\frac{159}{832}$	$\frac{49}{208}$	$\frac{1}{4}$	$\Phi_{832}\ \Phi_{416}\ \Phi_{64}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
26775	673	800	$\frac{1}{8}$	$\frac{127}{800}$	$\frac{7}{40}$	$\frac{33}{160}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
26776	674	1950	$\frac{12}{325}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{313}{650}$	$\Phi_{1950}\ \Phi_{390}\ \Phi_{150}\ \Phi_{78}\ \Phi_{39}\ \Phi_{30}\ \Phi_{6}$
26777	674	1092	$\frac{1}{26}$	$\frac{27}{364}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{273}\ \Phi_{84}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{21}\ \Phi_{6}$
26778	674	624	$\frac{1}{26}$	$\frac{25}{312}$	$\frac{1}{3}$	$\frac{287}{624}$	$\Phi_{624}^2\ \Phi_{208}^2\ \Phi_{78}\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{16}^2\ \Phi_{6}$
26779	674	390	$\frac{1}{26}$	$\frac{53}{390}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{6}\ \Phi_{5}^2$
26780	674	468	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{131}{468}$	$\frac{1}{3}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{6}$
26781	674	1248	$\frac{1}{26}$	$\frac{79}{416}$	$\frac{25}{104}$	$\frac{1}{3}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{96}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{6}$
26782	674	390	$\frac{1}{13}$	$\frac{53}{390}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{390}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
26783	675	536	$\frac{1}{134}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{133}{268}$	$\Phi_{536}^2\ \Phi_{268}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
26784	675	592	$\frac{1}{74}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{73}{148}$	$\Phi_{592}^2\ \Phi_{148}\ \Phi_{16}^3\ \Phi_{4}\ \Phi_{1}$
26785	675	148	$\frac{1}{74}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{73}{148}$	$\Phi_{148}^5\ \Phi_{74}^4\ \Phi_{37}^4\ \Phi_{4}^7\ \Phi_{2}^6\ \Phi_{1}^7$
26786	675	616	$\frac{1}{44}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{43}{88}$	$\Phi_{616}^2\ \Phi_{88}^3\ \Phi_{56}^2\ \Phi_{28}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
26787	675	616	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{43}{88}$	$\Phi_{616}^2\ \Phi_{88}^3\ \Phi_{56}^2\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{1}^3$
26788	675	264	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{43}{88}$	$\Phi_{264}^6\ \Phi_{88}^3\ \Phi_{24}^6\ \Phi_{12}^2\ \Phi_{8}^3\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
26789	675	624	$\frac{1}{26}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{25}{52}$	$\Phi_{624}^2\ \Phi_{208}^2\ \Phi_{52}\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{4}\ \Phi_{1}$
26790	675	1404	$\frac{1}{26}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{1404}\ \Phi_{468}\ \Phi_{108}\ \Phi_{52}\ \Phi_{36}\ \Phi_{27}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
26791	675	468	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{52}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{52}\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{9}^3\ \Phi_{4}\ \Phi_{1}$
26792	675	364	$\frac{1}{26}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{364}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{52}\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{7}^3\ \Phi_{4}\ \Phi_{1}$
26793	675	416	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{52}$	$\Phi_{416}^2\ \Phi_{208}^2\ \Phi_{52}\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{4}\ \Phi_{1}$
26794	675	156	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{25}{52}$	$\Phi_{156}^8\ \Phi_{52}^9\ \Phi_{12}^8\ \Phi_{6}^4\ \Phi_{4}^9\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
26795	675	624	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{23}{48}$	$\Phi_{624}^2\ \Phi_{208}^2\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_{1}^3$
26796	675	240	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{240}^6\ \Phi_{80}^6\ \Phi_{48}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
26797	675	768	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{121}{256}$	$\Phi_{768}^2\ \Phi_{256}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
26798	675	308	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{7}{22}$	$\frac{13}{28}$	$\Phi_{308}^4\ \Phi_{44}^4\ \Phi_{28}^5\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{4}^5\ \Phi_{2}^2\ \Phi_{1}^3$
26799	675	112	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{112}^6\ \Phi_{56}^6\ \Phi_{28}^5\ \Phi_{16}^9\ \Phi_{14}^4\ \Phi_{8}^9\ \Phi_{7}^4\ \Phi_{4}^7\ \Phi_{2}^6\ \Phi_{1}^7$
26800	675	308	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{13}{28}$	$\Phi_{308}^4\ \Phi_{44}^4\ \Phi_{28}^5\ \Phi_{11}^4\ \Phi_{4}^5\ \Phi_{1}^5$
26801	675	420	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{420}^4\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{60}^4\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
26802	675	592	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{12}{37}$	$\frac{7}{16}$	$\Phi_{592}^2\ \Phi_{37}^2\ \Phi_{16}^3\ \Phi_{1}^3$
26803	675	208	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{208}^6\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{16}^3\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
26804	675	592	$\frac{2}{37}$	$\frac{1}{8}$	$\frac{7}{37}$	$\frac{7}{16}$	$\Phi_{592}^2\ \Phi_{37}^2\ \Phi_{16}^3\ \Phi_{1}^3$
26805	675	48	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{48}^{16}\ \Phi_{24}^{18}\ \Phi_{16}^8\ \Phi_{12}^{18}\ \Phi_{8}^9\ \Phi_{6}^{17}\ \Phi_{4}^9\ \Phi_{3}^{17}\ \Phi_{2}^8\ \Phi_{1}^9$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
26806	675	714	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{1}{6}$	$\frac{103}{238}$	$\Phi_{714}\ \Phi_{357}\ \Phi_{119}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{42}\ \Phi_{34}\ \Phi_{21}\ \Phi_{17}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
26807	675	536	$\frac{1}{67}$	$\frac{1}{4}$	$\frac{22}{67}$	$\frac{3}{8}$	$\Phi_{536}^2\ \Phi_{67}^2\ \Phi_8^3\ \Phi_1^3$
26808	675	184	$\frac{1}{46}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{184}^6\ \Phi_{92}^2\ \Phi_{46}\ \Phi_{23}\ \Phi_8^3\ \Phi_4\ \Phi_1$
26809	675	536	$\frac{2}{67}$	$\frac{13}{67}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{536}^2\ \Phi_{67}^2\ \Phi_8^3\ \Phi_1^3$
26810	675	168	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^8\ \Phi_{84}^2\ \Phi_{56}^4\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{24}^6\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8^3\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
26811	675	416	$\frac{1}{26}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{416}^2\ \Phi_{208}^2\ \Phi_{52}^2\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_4\ \Phi_1$
26812	675	536	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{536}^2\ \Phi_{67}^2\ \Phi_8^3\ \Phi_1^3$
26813	675	80	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{80}^{10}\ \Phi_{40}^8\ \Phi_{20}^{10}\ \Phi_{16}^5\ \Phi_{10}^9\ \Phi_8^4\ \Phi_5^9\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
26814	675	182	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{182}^4\ \Phi_{91}^4\ \Phi_{26}^3\ \Phi_{14}\ \Phi_{13}^3\ \Phi_7^3\ \Phi_1^3$
26815	675	190	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{190}^4\ \Phi_{95}^4\ \Phi_{38}\ \Phi_{19}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1^3$
26816	675	204	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{11}{34}$	$\frac{23}{68}$	$\Phi_{204}^6\ \Phi_{102}^2\ \Phi_{68}^3\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}^6\ \Phi_6\ \Phi_4^3\ \Phi_3\ \Phi_1$
26817	675	351	$\frac{2}{27}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{351}^2\ \Phi_{117}^2\ \Phi_{27}^3\ \Phi_{13}^2\ \Phi_9^3\ \Phi_1^3$
26818	675	540	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}\ \Phi_{180}^2\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
26819	675	148	$\frac{1}{37}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{12}{37}$	$\Phi_{148}^4\ \Phi_{74}^4\ \Phi_{37}^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
26820	675	337	$\frac{10}{337}$	$\frac{76}{337}$	$\frac{87}{337}$	$\frac{109}{337}$	$\Phi_{337}^2\ \Phi_1^3$
26821	675	452	$\frac{7}{226}$	$\frac{51}{226}$	$\frac{1}{4}$	$\frac{73}{226}$	$\Phi_{452}^2\ \Phi_{226}\ \Phi_{113}\ \Phi_4\ \Phi_1$
26822	675	154	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{7}{22}$	$\Phi_{154}^4\ \Phi_{77}^4\ \Phi_{22}^6\ \Phi_{14}^4\ \Phi_{11}^6\ \Phi_7^6\ \Phi_2^6\ \Phi_1^9$
26823	675	132	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{7}{22}$	$\Phi_{132}^8\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{33}^4\ \Phi_{22}^2\ \Phi_{12}^{10}\ \Phi_{11}^2\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
26824	675	337	$\frac{16}{337}$	$\frac{46}{337}$	$\frac{97}{337}$	$\frac{107}{337}$	$\Phi_{337}^2\ \Phi_1^3$
26825	675	408	$\frac{7}{136}$	$\frac{1}{6}$	$\frac{31}{136}$	$\frac{43}{136}$	$\Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}\ \Phi_{102}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
26826	675	337	$\frac{19}{337}$	$\frac{52}{337}$	$\frac{77}{337}$	$\frac{106}{337}$	$\Phi_{337}^2\ \Phi_1^3$
26827	675	452	$\frac{13}{226}$	$\frac{31}{226}$	$\frac{1}{4}$	$\frac{71}{226}$	$\Phi_{452}^2\ \Phi_{226}\ \Phi_{113}\ \Phi_4\ \Phi_1$
26828	675	468	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{4}{13}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{13}^2\ \Phi_9^3\ \Phi_1^3$
26829	675	364	$\frac{1}{13}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{364}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{13}^2\ \Phi_7^3\ \Phi_1^3$
26830	675	416	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{4}{13}$	$\Phi_{416}^2\ \Phi_{208}^2\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_1^3$
26831	675	78	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{4}{13}$	$\Phi_{78}^8\ \Phi_{39}^8\ \Phi_{26}^8\ \Phi_{13}^{10}\ \Phi_6^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{15}$
26832	675	180	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{45}^6\ \Phi_{36}^3\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{10}\ \Phi_9^3\ \Phi_5\ \Phi_4\ \Phi_1$
26833	675	337	$\frac{31}{337}$	$\frac{47}{337}$	$\frac{58}{337}$	$\frac{102}{337}$	$\Phi_{337}^2\ \Phi_1^3$
26834	675	408	$\frac{13}{136}$	$\frac{19}{136}$	$\frac{1}{6}$	$\frac{41}{136}$	$\Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}\ \Phi_{102}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
26835	675	192	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{19}{64}$	$\Phi_{192}^4\ \Phi_{96}^4\ \Phi_{64}^2\ \Phi_{48}^4\ \Phi_{32}^2\ \Phi_{24}^6\ \Phi_{16}^2\ \Phi_{12}^6\ \Phi_8^3\ \Phi_6^5\ \Phi_4^3\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
26836	675	112	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{112}^6\ \Phi_{56}^6\ \Phi_{28}^4\ \Phi_{16}^9\ \Phi_{14}^4\ \Phi_8^9\ \Phi_7^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
26837	675	77	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{2}{7}$	$\Phi_{77}^8\ \Phi_{11}^{12}\ \Phi_7^{10}\ \Phi_1^{15}$
26838	675	210	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^6\ \Phi_{21}^2\ \Phi_{15}^6\ \Phi_{10}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^3$
26839	675	368	$\frac{1}{16}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{368}^2\ \Phi_{184}^2\ \Phi_{92}^2\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
26840	675	337	$\frac{27}{337}$	$\frac{55}{337}$	$\frac{62}{337}$	$\frac{94}{337}$	$\Phi_{337}^2\ \Phi_1^3$
26841	675	380	$\frac{1}{10}$	$\frac{11}{76}$	$\frac{13}{76}$	$\frac{21}{76}$	$\Phi_{380}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{76}\ \Phi_{38}\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
26842	675	337	$\frac{32}{337}$	$\frac{49}{337}$	$\frac{61}{337}$	$\frac{92}{337}$	$\Phi_{337}^{2}\ \Phi_{1}^{3}$
26843	675	408	$\frac{11}{136}$	$\frac{1}{6}$	$\frac{25}{136}$	$\frac{37}{136}$	$\Phi_{408}^{2}\ \Phi_{204}^{2}\ \Phi_{136}\ \Phi_{102}^{2}\ \Phi_{68}\ \Phi_{51}^{2}\ \Phi_{34}\ \Phi_{24}^{2}\ \Phi_{17}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
26844	675	337	$\frac{17}{337}$	$\frac{64}{337}$	$\frac{82}{337}$	$\frac{91}{337}$	$\Phi_{337}^{2}\ \Phi_{1}^{3}$
26845	675	452	$\frac{11}{226}$	$\frac{43}{226}$	$\frac{1}{4}$	$\frac{61}{226}$	$\Phi_{452}^{2}\ \Phi_{226}\ \Phi_{113}\ \Phi_{4}\ \Phi_{1}$
26846	675	52	$\frac{1}{26}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{52}^{14}\ \Phi_{26}^{13}\ \Phi_{13}^{13}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
26847	675	148	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{148}^{4}\ \Phi_{74}^{4}\ \Phi_{37}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
26848	675	48	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{48}^{18}\ \Phi_{24}^{18}\ \Phi_{16}^{9}\ \Phi_{12}^{14}\ \Phi_{8}^{9}\ \Phi_{6}^{13}\ \Phi_{4}^{7}\ \Phi_{3}^{13}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
26849	675	140	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{35}^{6}\ \Phi_{28}^{3}\ \Phi_{20}^{2}\ \Phi_{14}^{3}\ \Phi_{10}\ \Phi_{7}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
26850	675	528	$\frac{3}{44}$	$\frac{1}{6}$	$\frac{41}{176}$	$\frac{1}{4}$	$\Phi_{528}^{2}\ \Phi_{264}^{2}\ \Phi_{176}\ \Phi_{88}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
26851	675	160	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{160}^{6}\ \Phi_{80}^{6}\ \Phi_{32}^{3}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
26852	675	132	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{1}{4}$	$\Phi_{132}^{8}\ \Phi_{66}^{4}\ \Phi_{44}^{4}\ \Phi_{33}^{4}\ \Phi_{12}^{10}\ \Phi_{11}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
26853	675	452	$\frac{21}{226}$	$\frac{37}{226}$	$\frac{41}{226}$	$\frac{1}{4}$	$\Phi_{452}^{2}\ \Phi_{226}\ \Phi_{113}\ \Phi_{4}\ \Phi_{1}$
26854	675	60	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{60}^{16}\ \Phi_{30}^{8}\ \Phi_{20}^{18}\ \Phi_{15}^{8}\ \Phi_{12}^{8}\ \Phi_{10}^{9}\ \Phi_{6}^{4}\ \Phi_{5}^{9}\ \Phi_{4}^{9}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
26855	675	96	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{1}{6}$	$\frac{7}{32}$	$\Phi_{96}^{8}\ \Phi_{48}^{8}\ \Phi_{32}^{4}\ \Phi_{24}^{10}\ \Phi_{16}^{4}\ \Phi_{12}^{10}\ \Phi_{8}^{5}\ \Phi_{6}^{9}\ \Phi_{4}^{5}\ \Phi_{3}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
26856	675	102	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{3}{17}$	$\frac{7}{34}$	$\Phi_{102}^{8}\ \Phi_{51}^{8}\ \Phi_{34}^{3}\ \Phi_{17}^{5}\ \Phi_{6}^{7}\ \Phi_{3}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{5}$
26857	676	336	$\frac{1}{168}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{167}{336}$	$\Phi_{336}^{4}\ \Phi_{112}^{4}\ \Phi_{48}^{4}\ \Phi_{16}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
26858	676	270	$\frac{1}{135}$	$\frac{34}{135}$	$\frac{101}{270}$	$\frac{67}{135}$	$\Phi_{270}^{4}\ \Phi_{135}\ \Phi_{90}^{4}\ \Phi_{54}^{4}\ \Phi_{45}\ \Phi_{30}^{4}\ \Phi_{27}\ \Phi_{18}^{4}\ \Phi_{15}\ \Phi_{10}^{4}\ \Phi_{9}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
26859	676	678	$\frac{1}{113}$	$\frac{57}{226}$	$\frac{1}{3}$	$\frac{56}{113}$	$\Phi_{678}^{2}\ \Phi_{339}\ \Phi_{6}^{2}$
26860	676	335	$\frac{3}{335}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{166}{335}$	$\Phi_{335}^{2}\ \Phi_{67}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
26861	676	300	$\frac{1}{75}$	$\frac{19}{150}$	$\frac{131}{300}$	$\frac{37}{75}$	$\Phi_{300}^{4}\ \Phi_{100}^{4}\ \Phi_{75}\ \Phi_{60}^{4}\ \Phi_{25}\ \Phi_{20}^{4}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{5}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
26862	676	225	$\frac{1}{75}$	$\frac{56}{225}$	$\frac{19}{75}$	$\frac{37}{75}$	$\Phi_{225}^{4}\ \Phi_{75}\ \Phi_{45}^{4}\ \Phi_{25}\ \Phi_{15}\ \Phi_{9}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
26863	676	333	$\frac{5}{333}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{164}{333}$	$\Phi_{333}^{2}\ \Phi_{111}^{2}\ \Phi_{37}^{2}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
26864	676	408	$\frac{1}{51}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{25}{51}$	$\Phi_{408}^{3}\ \Phi_{136}^{3}\ \Phi_{51}\ \Phi_{24}^{4}\ \Phi_{17}\ \Phi_{8}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
26865	676	255	$\frac{1}{51}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{255}^{3}\ \Phi_{85}^{3}\ \Phi_{51}\ \Phi_{17}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
26866	676	306	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{25}{51}$	$\Phi_{306}^{3}\ \Phi_{153}^{3}\ \Phi_{51}\ \Phi_{18}^{4}\ \Phi_{17}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
26867	676	816	$\frac{1}{51}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{25}{51}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{136}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
26868	676	315	$\frac{1}{45}$	$\frac{23}{315}$	$\frac{146}{315}$	$\frac{22}{45}$	$\Phi_{315}^{2}\ \Phi_{105}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{3}\ \Phi_{35}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
26869	676	330	$\frac{4}{165}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{161}{330}$	$\Phi_{330}^{4}\ \Phi_{110}^{4}\ \Phi_{66}^{4}\ \Phi_{30}^{4}\ \Phi_{22}^{4}\ \Phi_{15}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
26870	676	330	$\frac{4}{165}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{161}{330}$	$\Phi_{330}^{4}\ \Phi_{110}^{4}\ \Phi_{66}^{4}\ \Phi_{30}^{4}\ \Phi_{22}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
26871	676	1020	$\frac{1}{34}$	$\frac{35}{204}$	$\frac{1}{5}$	$\frac{33}{68}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{85}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
26872	676	324	$\frac{1}{27}$	$\frac{7}{162}$	$\frac{155}{324}$	$\frac{13}{27}$	$\Phi_{324}^{4}\ \Phi_{108}^{4}\ \Phi_{36}^{4}\ \Phi_{27}\ \Phi_{12}^{4}\ \Phi_{9}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
26873	676	243	$\frac{1}{27}$	$\frac{7}{81}$	$\frac{74}{243}$	$\frac{13}{27}$	$\Phi_{243}^{4}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
26874	676	189	$\frac{1}{27}$	$\frac{20}{189}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{189}^{4}\ \Phi_{63}^{4}\ \Phi_{27}\ \Phi_{21}^{4}\ \Phi_{9}\ \Phi_{7}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
26875	676	216	$\frac{1}{27}$	$\frac{7}{54}$	$\frac{47}{216}$	$\frac{13}{27}$	$\Phi_{216}^{4}\ \Phi_{108}^{4}\ \Phi_{72}^{4}\ \Phi_{36}^{4}\ \Phi_{27}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{9}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
26876	676	405	$\frac{1}{27}$	$\frac{67}{405}$	$\frac{14}{81}$	$\frac{13}{27}$	$\Phi_{405}^{2}\ \Phi_{135}^{2}\ \Phi_{45}^{2}\ \Phi_{27}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
26877	676	25	$\frac{1}{25}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{12}{25}$	$\Phi_{25}^{27}\ \Phi_{5}^{27}\ \Phi_{1}^{28}$
26878	676	1050	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{210}\ \Phi_{150}\ \Phi_{105}\ \Phi_{42}^{2}\ \Phi_{30}\ \Phi_{21}^{2}\ \Phi_{6}^{2}$
26879	676	75	$\frac{1}{25}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{75}^{10}\ \Phi_{25}^{6}\ \Phi_{15}^{12}\ \Phi_{5}^{7}\ \Phi_{3}^{12}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
26880	676	324	$\frac{7}{162}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{155}{324}$	$\Phi_{324}^4\ \Phi_{108}^4\ \Phi_{36}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
26881	676	320	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{151}{320}$	$\Phi_{320}^4\ \Phi_{64}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
26882	676	742	$\frac{3}{53}$	$\frac{1}{14}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{742}\ \Phi_{371}\ \Phi_{106}$
26883	676	495	$\frac{8}{165}$	$\frac{1}{15}$	$\frac{157}{495}$	$\frac{7}{15}$	$\Phi_{495}^2\ \Phi_{99}^2\ \Phi_{45}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
26884	676	180	$\frac{11}{180}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
26885	676	15	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{2}{15}$	$\frac{7}{15}$	$\Phi_{15}^{45}\ \Phi_5^{45}\ \Phi_3^{45}\ \Phi_1^{46}$
26886	676	675	$\frac{38}{675}$	$\frac{49}{675}$	$\frac{181}{675}$	$\frac{313}{675}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
26887	676	339	$\frac{14}{339}$	$\frac{25}{339}$	$\frac{1}{3}$	$\frac{157}{339}$	$\Phi_{339}^2\ \Phi_{113}^2\ \Phi_3\ \Phi_1^2$
26888	676	216	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{216}^6\ \Phi_{72}^6\ \Phi_{27}^2\ \Phi_{24}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
26889	676	408	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{4}{17}$	$\frac{11}{24}$	$\Phi_{408}^3\ \Phi_{136}^3\ \Phi_{24}^4\ \Phi_{17}^3\ \Phi_8^4\ \Phi_1^4$
26890	676	840	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{120}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{10}$
26891	676	180	$\frac{11}{180}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
26892	676	1530	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{1}{5}$	$\frac{137}{306}$	$\Phi_{1530}\ \Phi_{510}\ \Phi_{170}\ \Phi_{90}\ \Phi_{85}\ \Phi_{30}\ \Phi_{10}$
26893	676	54	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{54}^{18}\ \Phi_{27}^8\ \Phi_{18}^{16}\ \Phi_9^7\ \Phi_6^{16}\ \Phi_3^7\ \Phi_2^{16}\ \Phi_1^8$
26894	676	300	$\frac{1}{25}$	$\frac{19}{150}$	$\frac{6}{25}$	$\frac{131}{300}$	$\Phi_{300}^4\ \Phi_{100}^4\ \Phi_{60}^4\ \Phi_{25}^3\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
26895	676	595	$\frac{4}{85}$	$\frac{81}{595}$	$\frac{1}{5}$	$\frac{257}{595}$	$\Phi_{595}\ \Phi_{119}\ \Phi_{85}^2\ \Phi_{35}\ \Phi_{17}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
26896	676	45	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{7}{45}$	$\frac{19}{45}$	$\Phi_{45}^{13}\ \Phi_{15}^{19}\ \Phi_9^{13}\ \Phi_5^{19}\ \Phi_3^{19}\ \Phi_1^{20}$
26897	676	180	$\frac{11}{180}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
26898	676	200	$\frac{1}{25}$	$\frac{31}{200}$	$\frac{6}{25}$	$\frac{19}{50}$	$\Phi_{200}^4\ \Phi_{100}^4\ \Phi_{40}^4\ \Phi_{25}^3\ \Phi_{20}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
26899	676	1360	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{33}{136}$	$\frac{103}{272}$	$\Phi_{1360}\ \Phi_{170}\ \Phi_{85}\ \Phi_{80}\ \Phi_{10}$
26900	676	270	$\frac{1}{45}$	$\frac{11}{45}$	$\frac{34}{135}$	$\frac{101}{270}$	$\Phi_{270}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^3\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_9^3\ \Phi_6^4\ \Phi_5^3\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
26901	676	175	$\frac{6}{175}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{175}^4\ \Phi_{35}^4\ \Phi_{25}^3\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
26902	676	525	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{151}{525}$	$\frac{187}{525}$	$\Phi_{525}\ \Phi_{175}^2\ \Phi_{105}\ \Phi_{75}\ \Phi_{35}^2\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
26903	676	513	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{163}{513}$	$\frac{175}{513}$	$\Phi_{513}\ \Phi_{171}^2\ \Phi_{57}^2\ \Phi_{27}\ \Phi_{19}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
26904	676	255	$\frac{2}{85}$	$\frac{1}{5}$	$\frac{83}{255}$	$\frac{86}{255}$	$\Phi_{255}^2\ \Phi_{85}^4\ \Phi_{51}^2\ \Phi_{17}^4\ \Phi_{15}^2\ \Phi_5^3\ \Phi_3^2\ \Phi_1^4$
26905	676	171	$\frac{2}{171}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{171}^4\ \Phi_{57}^4\ \Phi_{19}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
26906	676	252	$\frac{1}{84}$	$\frac{83}{252}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{63}^4\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
26907	676	516	$\frac{3}{172}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{516}\ \Phi_{258}\ \Phi_{172}^2\ \Phi_{129}\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_3\ \Phi_1^2$
26908	676	672	$\frac{1}{56}$	$\frac{55}{224}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
26909	676	210	$\frac{1}{42}$	$\frac{41}{210}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
26910	676	174	$\frac{5}{174}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{174}^4\ \Phi_{87}^4\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_3\ \Phi_1^2$
26911	676	525	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{525}\ \Phi_{175}^2\ \Phi_{105}\ \Phi_{75}\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
26912	676	588	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{588}\ \Phi_{294}\ \Phi_{196}^2\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_3\ \Phi_1^2$
26913	676	135	$\frac{1}{27}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{135}^6\ \Phi_{45}^6\ \Phi_{27}^2\ \Phi_{15}^4\ \Phi_9^2\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
26914	676	528	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
26915	676	192	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{192}^4\ \Phi_{96}^4\ \Phi_{64}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{16}^4\ \Phi_3\ \Phi_1^2$
26916	676	189	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{189}^4\ \Phi_{63}^4\ \Phi_{27}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
26917	676	357	$\frac{19}{357}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{357}^2\ \Phi_{119}^2\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_3\ \Phi_1^2$
26918	676	180	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
26919	676	42	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{42}^{12}\ \Phi_{21}^{12}\ \Phi_{14}^{24}\ \Phi_7^{24}\ \Phi_6^{12}\ \Phi_3^{13}\ \Phi_2^{24}\ \Phi_1^{26}$
26920	676	54	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{54}^{12}\ \Phi_{27}^{14}\ \Phi_{18}^{10}\ \Phi_9^{12}\ \Phi_6^{12}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
26921	676	432	$\frac{1}{27}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
26922	676	255	$\frac{1}{17}$	$\frac{2}{15}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{255}^3\ \Phi_{85}^3\ \Phi_{17}^3\ \Phi_{15}^4\ \Phi_5^4\ \Phi_1^4$
26923	676	210	$\frac{1}{14}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^3\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_2^4$
26924	676	1020	$\frac{1}{17}$	$\frac{35}{204}$	$\frac{1}{5}$	$\frac{16}{51}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
26925	676	75	$\frac{2}{25}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{23}{75}$	$\Phi_{75}^8\ \Phi_{25}^{10}\ \Phi_{15}^{10}\ \Phi_5^{11}\ \Phi_3^{10}\ \Phi_1^{12}$
26926	676	243	$\frac{7}{81}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{74}{243}$	$\Phi_{243}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
26927	676	240	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{5}$	$\frac{71}{240}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
26928	676	306	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{4}{17}$	$\frac{5}{18}$	$\Phi_{306}^3\ \Phi_{153}^3\ \Phi_{18}^4\ \Phi_{17}^3\ \Phi_9^4\ \Phi_1^4$
26929	676	630	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{35}\ \Phi_{10}$
26930	676	180	$\frac{11}{180}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
26931	676	189	$\frac{20}{189}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{189}^4\ \Phi_{63}^4\ \Phi_{21}^4\ \Phi_9^3\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
26932	676	225	$\frac{1}{25}$	$\frac{6}{25}$	$\frac{56}{225}$	$\frac{19}{75}$	$\Phi_{225}^4\ \Phi_{45}^4\ \Phi_{25}^3\ \Phi_9^4\ \Phi_5^3\ \Phi_1^4$
26933	676	272	$\frac{1}{17}$	$\frac{3}{16}$	$\frac{4}{17}$	$\frac{1}{4}$	$\Phi_{272}^3\ \Phi_{136}^3\ \Phi_{17}^3\ \Phi_{16}^4\ \Phi_8^4\ \Phi_1^4$
26934	676	560	$\frac{1}{14}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{10}$
26935	676	220	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{51}{220}$	$\Phi_{220}^4\ \Phi_{110}^4\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
26936	676	200	$\frac{1}{10}$	$\frac{31}{200}$	$\frac{1}{5}$	$\frac{9}{40}$	$\Phi_{200}^4\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
26937	676	216	$\frac{1}{9}$	$\frac{7}{54}$	$\frac{47}{216}$	$\frac{2}{9}$	$\Phi_{216}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
26938	676	15	$\frac{2}{15}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{15}^{44}\ \Phi_5^{47}\ \Phi_3^{44}\ \Phi_1^{48}$
26939	677	1344	$\frac{5}{672}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{667}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{64}\ \Phi_8\ \Phi_1$
26940	677	1248	$\frac{1}{52}$	$\frac{53}{624}$	$\frac{571}{1248}$	$\frac{51}{104}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{104}\ \Phi_{96}\ \Phi_{32}\ \Phi_8\ \Phi_1$
26941	677	936	$\frac{1}{52}$	$\frac{53}{312}$	$\frac{259}{936}$	$\frac{51}{104}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
26942	677	832	$\frac{1}{52}$	$\frac{155}{832}$	$\frac{53}{208}$	$\frac{51}{104}$	$\Phi_{832}\ \Phi_{416}\ \Phi_{104}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_1$
26943	677	816	$\frac{3}{136}$	$\frac{139}{816}$	$\frac{1}{4}$	$\frac{133}{272}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
26944	677	1320	$\frac{17}{660}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{643}{1320}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{120}\ \Phi_{88}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
26945	677	1280	$\frac{37}{640}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{603}{1280}$	$\Phi_{1280}\ \Phi_{256}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
26946	677	720	$\frac{43}{720}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
26947	677	1248	$\frac{1}{26}$	$\frac{53}{624}$	$\frac{25}{78}$	$\frac{571}{1248}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{96}\ \Phi_{78}\ \Phi_{39}\ \Phi_{32}\ \Phi_6\ \Phi_3\ \Phi_1$
26948	677	1224	$\frac{3}{68}$	$\frac{65}{612}$	$\frac{1}{4}$	$\frac{547}{1224}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_8\ \Phi_1$
26949	677	936	$\frac{1}{26}$	$\frac{25}{234}$	$\frac{259}{936}$	$\frac{209}{468}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{234}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{39}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
26950	677	1088	$\frac{3}{136}$	$\frac{133}{544}$	$\frac{1}{4}$	$\frac{411}{1088}$	$\Phi_{1088}\ \Phi_{136}\ \Phi_{68}\ \Phi_{64}\ \Phi_{34}\ \Phi_{17}\ \Phi_8\ \Phi_1$
26951	677	1008	$\frac{5}{336}$	$\frac{1}{4}$	$\frac{331}{1008}$	$\frac{3}{8}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
26952	677	688	$\frac{11}{688}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{688}\ \Phi_{344}\ \Phi_{172}\ \Phi_{86}\ \Phi_{43}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
26953	677	896	$\frac{5}{224}$	$\frac{219}{896}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{128}\ \Phi_{64}\ \Phi_{8}\ \Phi_{1}$
26954	677	696	$\frac{19}{696}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}\ \Phi_{29}\ \Phi_{8}\ \Phi_{1}$
26955	677	840	$\frac{5}{168}$	$\frac{163}{840}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
26956	677	704	$\frac{27}{704}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
26957	677	784	$\frac{5}{112}$	$\frac{107}{784}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{8}\ \Phi_{1}$
26958	677	768	$\frac{5}{96}$	$\frac{91}{768}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{8}\ \Phi_{1}$
26959	677	720	$\frac{43}{720}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
26960	677	728	$\frac{51}{728}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{104}\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
26961	677	780	$\frac{1}{26}$	$\frac{103}{780}$	$\frac{25}{78}$	$\frac{53}{156}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
26962	677	936	$\frac{1}{26}$	$\frac{53}{312}$	$\frac{259}{936}$	$\frac{25}{78}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}\ \Phi_{39}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
26963	677	816	$\frac{3}{68}$	$\frac{139}{816}$	$\frac{1}{4}$	$\frac{65}{204}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{48}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
26964	677	960	$\frac{3}{40}$	$\frac{37}{320}$	$\frac{1}{4}$	$\frac{283}{960}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
26965	677	720	$\frac{43}{720}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
26966	677	800	$\frac{3}{40}$	$\frac{123}{800}$	$\frac{37}{160}$	$\frac{1}{4}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
26967	677	880	$\frac{17}{220}$	$\frac{3}{20}$	$\frac{203}{880}$	$\frac{1}{4}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{176}\ \Phi_{88}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
26968	678	1120	$\frac{1}{112}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{111}{224}$	$\Phi_{1120}\ \Phi_{224}^2\ \Phi_{160}\ \Phi_{32}^2\ \Phi_{5}\ \Phi_{1}^2$
26969	678	672	$\frac{1}{112}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{111}{224}$	$\Phi_{672}^3\ \Phi_{96}^3\ \Phi_{12}\ \Phi_{6}$
26970	678	2010	$\frac{4}{335}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{331}{670}$	$\Phi_{2010}\ \Phi_{402}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
26971	678	408	$\frac{1}{68}$	$\frac{23}{136}$	$\frac{1}{3}$	$\frac{67}{136}$	$\Phi_{408}^2\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{24}^2\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{3}^2$
26972	678	1554	$\frac{2}{111}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{109}{222}$	$\Phi_{1554}\ \Phi_{518}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
26973	678	1064	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{39}{152}$	$\frac{37}{76}$	$\Phi_{1064}\ \Phi_{266}\ \Phi_{133}\ \Phi_{56}\ \Phi_{14}$
26974	678	660	$\frac{3}{110}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{107}{220}$	$\Phi_{660}^3\ \Phi_{132}^3\ \Phi_{60}^3\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^3\ \Phi_{6}$
26975	678	1512	$\frac{5}{108}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{103}{216}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{168}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
26976	678	1938	$\frac{16}{323}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{307}{646}$	$\Phi_{1938}\ \Phi_{114}\ \Phi_{102}\ \Phi_{51}\ \Phi_{6}$
26977	678	120	$\frac{1}{20}$	$\frac{7}{120}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{120}^5\ \Phi_{60}^6\ \Phi_{40}^6\ \Phi_{30}^6\ \Phi_{24}^5\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_{8}^6\ \Phi_{6}^6\ \Phi_{5}^6\ \Phi_{4}^6\ \Phi_{3}^5\ \Phi_{2}^6\ \Phi_{1}^6$
26978	678	1920	$\frac{1}{20}$	$\frac{19}{320}$	$\frac{1}{3}$	$\frac{301}{640}$	$\Phi_{1920}\ \Phi_{384}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
26979	678	204	$\frac{1}{34}$	$\frac{11}{102}$	$\frac{1}{3}$	$\frac{91}{204}$	$\Phi_{204}^6\ \Phi_{102}\ \Phi_{68}^6\ \Phi_{51}\ \Phi_{12}^6\ \Phi_{6}\ \Phi_{4}^6$
26980	678	840	$\frac{7}{120}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
26981	678	1330	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{18}{95}$	$\frac{77}{190}$	$\Phi_{1330}\ \Phi_{266}\ \Phi_{133}\ \Phi_{70}\ \Phi_{14}$
26982	678	840	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{55}{168}$	$\frac{2}{5}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
26983	678	580	$\frac{3}{116}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{580}\ \Phi_{290}\ \Phi_{145}\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{5}\ \Phi_{1}^2$
26984	678	140	$\frac{1}{28}$	$\frac{27}{140}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{140}^5\ \Phi_{70}^5\ \Phi_{35}^5\ \Phi_{28}^4\ \Phi_{20}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_{7}^4\ \Phi_{5}^6\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
26985	678	595	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{595}\ \Phi_{119}^2\ \Phi_{85}\ \Phi_{17}^2\ \Phi_{5}\ \Phi_{1}^2$
26986	678	120	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{40}^5\ \Phi_{30}^6\ \Phi_{24}^6\ \Phi_{20}^5\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_{8}^4\ \Phi_{6}^6\ \Phi_{5}^6\ \Phi_{4}^4\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
26987	678	640	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{5}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
26988	678	630	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
26989	678	1632	$\frac{1}{68}$	$\frac{67}{272}$	$\frac{1}{3}$	$\frac{205}{544}$	$\Phi_{1632}\ \Phi_{204}\ \Phi_{102}\ \Phi_{96}\ \Phi_{51}\ \Phi_{12}\ \Phi_6$
26990	678	1032	$\frac{5}{344}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1032}\ \Phi_{516}\ \Phi_{258}\ \Phi_{129}\ \Phi_{12}\ \Phi_6$
26991	678	510	$\frac{1}{85}$	$\frac{28}{85}$	$\frac{1}{3}$	$\frac{57}{170}$	$\Phi_{510}^3\ \Phi_{255}\ \Phi_{102}^3\ \Phi_{51}\ \Phi_{30}^3\ \Phi_{15}\ \Phi_6^3$
26992	678	168	$\frac{1}{56}$	$\frac{1}{4}$	$\frac{55}{168}$	$\frac{1}{3}$	$\Phi_{168}^3\ \Phi_{84}^3\ \Phi_{56}^6\ \Phi_{42}^3\ \Phi_{28}^6\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{14}^6\ \Phi_{12}^4\ \Phi_8^6\ \Phi_7^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
26993	678	408	$\frac{1}{34}$	$\frac{23}{136}$	$\frac{11}{34}$	$\frac{1}{3}$	$\Phi_{408}^3\ \Phi_{204}^3\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6$
26994	678	120	$\frac{7}{120}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{40}^6\ \Phi_{30}^4\ \Phi_{24}^6\ \Phi_{20}^6\ \Phi_{15}^4\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_8^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
26995	678	480	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{47}{160}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{60}^3\ \Phi_{48}^2\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
26996	678	348	$\frac{3}{116}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{348}^3\ \Phi_{174}^3\ \Phi_{87}^3\ \Phi_{12}\ \Phi_6$
26997	678	1344	$\frac{3}{112}$	$\frac{109}{448}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{192}\ \Phi_{96}\ \Phi_{12}\ \Phi_6$
26998	678	420	$\frac{1}{28}$	$\frac{27}{140}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{105}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
26999	678	1056	$\frac{13}{352}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
27000	678	1428	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{204}\ \Phi_{102}\ \Phi_{12}\ \Phi_6$
27001	678	1176	$\frac{3}{56}$	$\frac{53}{392}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{294}\ \Phi_{147}\ \Phi_{12}\ \Phi_6$
27002	678	120	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{40}^6\ \Phi_{30}^6\ \Phi_{24}^3\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{12}^4\ \Phi_{10}^6\ \Phi_8^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
27003	678	384	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{12}\ \Phi_6$
27004	678	1092	$\frac{25}{364}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{273}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
27005	678	252	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^4\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
27006	678	1200	$\frac{1}{20}$	$\frac{61}{400}$	$\frac{19}{80}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
27007	678	1320	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{440}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{264}\ \Phi_{132}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
27008	678	1134	$\frac{5}{54}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{49}{162}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
27009	678	126	$\frac{13}{126}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{126}^5\ \Phi_{63}^5\ \Phi_{42}^6\ \Phi_{21}^6\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_9^6\ \Phi_7^5\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
27010	678	1008	$\frac{5}{36}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{31}{144}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
27011	679	192	$\frac{1}{96}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{95}{192}$	$\Phi_{192}^7\ \Phi_{64}^7\ \Phi_{12}\ \Phi_4\ \Phi_1$
27012	679	576	$\frac{1}{96}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{95}{192}$	$\Phi_{576}^3\ \Phi_{192}\ \Phi_{64}\ \Phi_9\ \Phi_1$
27013	679	1332	$\frac{13}{666}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{653}{1332}$	$\Phi_{1332}\ \Phi_{444}\ \Phi_{148}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
27014	679	912	$\frac{5}{228}$	$\frac{1}{6}$	$\frac{233}{912}$	$\frac{223}{456}$	$\Phi_{912}\ \Phi_{304}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
27015	679	1296	$\frac{31}{648}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{617}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
27016	679	728	$\frac{6}{91}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{85}{182}$	$\Phi_{728}\ \Phi_{364}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}^2\ \Phi_{52}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_{13}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
27017	679	112	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{15}{112}$	$\frac{13}{28}$	$\Phi_{112}^7\ \Phi_{56}^5\ \Phi_{28}^6\ \Phi_{16}^7\ \Phi_{14}^5\ \Phi_8^4\ \Phi_7^5\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
27018	679	720	$\frac{41}{720}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
27019	679	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{84}$	$\frac{71}{168}$	$\Phi_{168}^3\ \Phi_{84}^4\ \Phi_{56}^5\ \Phi_{42}^4\ \Phi_{28}^6\ \Phi_{24}^3\ \Phi_{21}^4\ \Phi_{14}^5\ \Phi_{12}^4\ \Phi_8^4\ \Phi_7^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
27020	679	396	$\frac{2}{99}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{396}^3\ \Phi_{132}^3\ \Phi_{99}\ \Phi_{44}^3\ \Phi_{36}^3\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_1$
27021	679	144	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{47}{144}$	$\frac{5}{12}$	$\Phi_{144}^7\ \Phi_{72}^7\ \Phi_{36}^7\ \Phi_{18}^7\ \Phi_{12}\ \Phi_9^7\ \Phi_4\ \Phi_1$
27022	679	696	$\frac{17}{696}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}\ \Phi_{29}\ \Phi_{12}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
27023	679	300	$\frac{3}{100}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^3\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^3\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
27024	679	384	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{31}{128}$	$\frac{5}{12}$	$\Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
27025	679	120	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{23}{120}$	$\frac{5}{12}$	$\Phi_{120}^7\ \Phi_{60}^7\ \Phi_{40}^7\ \Phi_{30}^7\ \Phi_{20}^7\ \Phi_{15}^7\ \Phi_{12}\ \Phi_{10}^7\ \Phi_5^7\ \Phi_4\ \Phi_1$
27026	679	204	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{204}^6\ \Phi_{102}\ \Phi_{68}^6\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
27027	679	720	$\frac{41}{720}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
27028	679	336	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^3\ \Phi_{84}^2\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}\ \Phi_7^3\ \Phi_4\ \Phi_1$
27029	679	312	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^3\ \Phi_{78}^2\ \Phi_{52}^3\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
27030	679	768	$\frac{7}{96}$	$\frac{89}{768}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{12}\ \Phi_4\ \Phi_1$
27031	679	108	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{108}^7\ \Phi_{54}^7\ \Phi_{36}^7\ \Phi_{27}^7\ \Phi_{18}^7\ \Phi_{12}\ \Phi_9^7\ \Phi_4\ \Phi_1$
27032	679	1140	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{109}{570}$	$\frac{461}{1140}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{12}\ \Phi_4\ \Phi_1$
27033	679	99	$\frac{2}{99}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{99}^7\ \Phi_{33}^7\ \Phi_{11}^7\ \Phi_9^5\ \Phi_3^6\ \Phi_1^7$
27034	679	144	$\frac{1}{48}$	$\frac{2}{9}$	$\frac{47}{144}$	$\frac{1}{3}$	$\Phi_{144}^4\ \Phi_{72}^4\ \Phi_{48}^6\ \Phi_{36}^4\ \Phi_{24}^6\ \Phi_{18}^4\ \Phi_{16}^6\ \Phi_{12}^6\ \Phi_9^5\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
27035	679	900	$\frac{3}{100}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{225}\ \Phi_{180}\ \Phi_{100}\ \Phi_{90}\ \Phi_{50}\ \Phi_{45}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
27036	679	1152	$\frac{1}{32}$	$\frac{2}{9}$	$\frac{31}{128}$	$\frac{1}{3}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{128}\ \Phi_{64}\ \Phi_9\ \Phi_1$
27037	679	360	$\frac{1}{24}$	$\frac{23}{120}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}\ \Phi_{90}^3\ \Phi_{60}\ \Phi_{45}^3\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
27038	679	306	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{306}^3\ \Phi_{153}^3\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_9\ \Phi_1$
27039	679	1008	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
27040	679	936	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{117}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_9\ \Phi_1$
27041	679	108	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{108}^7\ \Phi_{54}^7\ \Phi_{36}^4\ \Phi_{27}^7\ \Phi_{18}^4\ \Phi_{12}^6\ \Phi_9^5\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
27042	679	504	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{29}{126}$	$\frac{13}{42}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{126}\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{56}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
27043	679	972	$\frac{31}{324}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{293}{972}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
27044	679	108	$\frac{11}{108}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{108}^6\ \Phi_{54}^6\ \Phi_{36}^7\ \Phi_{27}^6\ \Phi_{18}^7\ \Phi_{12}^7\ \Phi_9^7\ \Phi_6^6\ \Phi_4^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
27045	679	124	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{27}{124}$	$\frac{1}{4}$	$\Phi_{124}^5\ \Phi_{62}^5\ \Phi_{31}^7\ \Phi_4^4\ \Phi_2^4\ \Phi_1^7$
27046	679	864	$\frac{5}{36}$	$\frac{31}{216}$	$\frac{1}{6}$	$\frac{185}{864}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
27047	680	507	$\frac{1}{169}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{84}{169}$	$\Phi_{507}\ \Phi_{169}^2\ \Phi_{39}\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
27048	680	679	$\frac{5}{679}$	$\frac{171}{679}$	$\frac{254}{679}$	$\frac{337}{679}$	$\Phi_{679}\ \Phi_{97}\ \Phi_7\ \Phi_1^2$
27049	680	1080	$\frac{1}{135}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{67}{135}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{15}\ \Phi_9\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
27050	680	1023	$\frac{3}{341}$	$\frac{86}{341}$	$\frac{1}{3}$	$\frac{169}{341}$	$\Phi_{1023}\ \Phi_{93}\ \Phi_{33}$
27051	680	291	$\frac{1}{97}$	$\frac{49}{291}$	$\frac{121}{291}$	$\frac{48}{97}$	$\Phi_{291}^2\ \Phi_{97}^3\ \Phi_3^2\ \Phi_1^4$
27052	680	168	$\frac{1}{84}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{83}{168}$	$\Phi_{168}^8\ \Phi_{56}^8\ \Phi_{24}^8\ \Phi_8^8\ \Phi_7\ \Phi_1^2$
27053	680	840	$\frac{1}{84}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{83}{168}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{120}^2\ \Phi_{40}^2\ \Phi_{15}$
27054	680	603	$\frac{1}{67}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{33}{67}$	$\Phi_{603}\ \Phi_{201}\ \Phi_{67}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
27055	680	402	$\frac{1}{67}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{33}{67}$	$\Phi_{402}^2\ \Phi_{201}\ \Phi_{134}^2\ \Phi_{67}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
27056	680	679	$\frac{11}{679}$	$\frac{69}{679}$	$\frac{305}{679}$	$\frac{334}{679}$	$\Phi_{679}\ \Phi_{97}\ \Phi_7\ \Phi_1^2$
27057	680	570	$\frac{1}{57}$	$\frac{1}{5}$	$\frac{29}{114}$	$\frac{28}{57}$	$\Phi_{570}^2\ \Phi_{285}\ \Phi_{190}^2\ \Phi_{95}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
27058	680	822	$\frac{3}{137}$	$\frac{1}{6}$	$\frac{35}{137}$	$\frac{67}{137}$	$\Phi_{822}\ \Phi_{411}\ \Phi_{274}$
27059	680	133	$\frac{3}{133}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{65}{133}$	$\Phi_{133}^5\ \Phi_{19}^5\ \Phi_7^7\ \Phi_1^8$
27060	680	679	$\frac{17}{679}$	$\frac{101}{679}$	$\frac{174}{679}$	$\frac{331}{679}$	$\Phi_{679}\ \Phi_{97}\ \Phi_7\ \Phi_1^2$
27061	680	1248	$\frac{1}{39}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{19}{39}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{96}\ \Phi_{39}\ \Phi_{32}^2\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
27062	680	312	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{19}{39}$	$\Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{24}^3\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
27063	680	780	$\frac{1}{39}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{19}{39}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{65}\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
27064	680	1023	$\frac{9}{341}$	$\frac{35}{341}$	$\frac{1}{3}$	$\frac{166}{341}$	$\Phi_{1023}\ \Phi_{93}\ \Phi_{33}$
27065	680	627	$\frac{1}{33}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{16}{33}$	$\Phi_{627}\ \Phi_{209}\ \Phi_{57}\ \Phi_{33}^2\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
27066	680	33	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{33}^{21}\ \Phi_{11}^{20}\ \Phi_3^{20}\ \Phi_1^{20}$
27067	680	627	$\frac{1}{33}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{16}{33}$	$\Phi_{627}\ \Phi_{209}\ \Phi_{57}\ \Phi_{33}^2\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
27068	680	330	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{16}{33}$	$\Phi_{330}^3\ \Phi_{165}^2\ \Phi_{110}^3\ \Phi_{55}^2\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
27069	680	97	$\frac{3}{97}$	$\frac{5}{97}$	$\frac{46}{97}$	$\frac{47}{97}$	$\Phi_{97}^7\ \Phi_1^8$
27070	680	97	$\frac{3}{97}$	$\frac{10}{97}$	$\frac{29}{97}$	$\frac{47}{97}$	$\Phi_{97}^7\ \Phi_1^8$
27071	680	93	$\frac{1}{31}$	$\frac{8}{93}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{93}^7\ \Phi_{31}^8\ \Phi_3^6\ \Phi_1^8$
27072	680	253	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{253}^3\ \Phi_{11}^2$
27073	680	679	$\frac{31}{679}$	$\frac{71}{679}$	$\frac{152}{679}$	$\frac{324}{679}$	$\Phi_{679}\ \Phi_{97}\ \Phi_7\ \Phi_1^2$
27074	680	679	$\frac{33}{679}$	$\frac{89}{679}$	$\frac{118}{679}$	$\frac{323}{679}$	$\Phi_{679}\ \Phi_{97}\ \Phi_7\ \Phi_1^2$
27075	680	810	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{77}{162}$	$\Phi_{810}^2\ \Phi_{270}^2\ \Phi_{90}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
27076	680	822	$\frac{7}{137}$	$\frac{18}{137}$	$\frac{1}{6}$	$\frac{65}{137}$	$\Phi_{822}\ \Phi_{411}\ \Phi_{274}$
27077	680	342	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{342}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{18}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
27078	680	418	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{9}{19}$	$\Phi_{418}^2\ \Phi_{209}\ \Phi_{38}^2\ \Phi_{22}^4\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_2^4\ \Phi_1^4$
27079	680	95	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{95}^9\ \Phi_5^8$
27080	680	679	$\frac{37}{679}$	$\frac{50}{679}$	$\frac{179}{679}$	$\frac{321}{679}$	$\Phi_{679}\ \Phi_{97}\ \Phi_7\ \Phi_1^2$
27081	680	1023	$\frac{18}{341}$	$\frac{19}{341}$	$\frac{1}{3}$	$\frac{161}{341}$	$\Phi_{1023}\ \Phi_{93}\ \Phi_{33}$
27082	680	98	$\frac{3}{49}$	$\frac{13}{98}$	$\frac{1}{7}$	$\frac{23}{49}$	$\Phi_{98}^8\ \Phi_{49}^6\ \Phi_{14}^8\ \Phi_7^5\ \Phi_2^8\ \Phi_1^6$
27083	680	672	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{672}^2\ \Phi_{224}^2\ \Phi_{96}\ \Phi_{32}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
27084	680	416	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{15}{32}$	$\Phi_{416}^3\ \Phi_{32}^4\ \Phi_{13}^3\ \Phi_1^4$
27085	680	1760	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{1760}\ \Phi_{55}$
27086	680	1248	$\frac{1}{16}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{15}{32}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{96}\ \Phi_{39}\ \Phi_{32}^2\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
27087	680	288	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{288}^5\ \Phi_{96}^3\ \Phi_{32}^4\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
27088	680	637	$\frac{43}{637}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{297}{637}$	$\Phi_{637}\ \Phi_{91}\ \Phi_{49}^2\ \Phi_{13}\ \Phi_7\ \Phi_1^2$
27089	680	97	$\frac{7}{97}$	$\frac{12}{97}$	$\frac{13}{97}$	$\frac{45}{97}$	$\Phi_{97}^7\ \Phi_1^8$
27090	680	738	$\frac{1}{18}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{738}\ \Phi_{369}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}$
27091	680	264	$\frac{3}{88}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{264}^4\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{33}^3\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^2$
27092	680	679	$\frac{29}{679}$	$\frac{65}{679}$	$\frac{186}{679}$	$\frac{307}{679}$	$\Phi_{679}\ \Phi_{97}\ \Phi_7\ \Phi_1^2$
27093	680	93	$\frac{1}{31}$	$\frac{3}{31}$	$\frac{1}{3}$	$\frac{14}{31}$	$\Phi_{93}^{11}\ \Phi_3^{10}$
27094	680	315	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{315}^2\ \Phi_{105}^3\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_7^2\ \Phi_5^2$
27095	680	603	$\frac{3}{67}$	$\frac{1}{9}$	$\frac{16}{67}$	$\frac{4}{9}$	$\Phi_{603}\ \Phi_{201}\ \Phi_{67}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
27096	680	90	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{90}^{10}\ \Phi_{45}^{9}\ \Phi_{30}^{10}\ \Phi_{15}^{9}\ \Phi_{10}^{10}\ \Phi_{5}^{8}$
27097	680	760	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{1}{5}$	$\frac{67}{152}$	$\Phi_{760}^{2}\ \Phi_{95}\ \Phi_{40}^{2}$
27098	680	1230	$\frac{1}{41}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1230}\ \Phi_{410}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}$
27099	680	210	$\frac{1}{21}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{210}^{6}\ \Phi_{105}\ \Phi_{70}^{6}\ \Phi_{42}^{6}\ \Phi_{35}\ \Phi_{30}^{4}\ \Phi_{15}\ \Phi_{14}^{6}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{2}^{4}$
27100	680	609	$\frac{2}{87}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{609}\ \Phi_{203}\ \Phi_{87}^{2}\ \Phi_{29}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
27101	680	126	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{41}{126}$	$\frac{3}{7}$	$\Phi_{126}^{8}\ \Phi_{63}^{8}\ \Phi_{18}^{8}\ \Phi_{9}^{8}\ \Phi_{7}\ \Phi_{1}^{2}$
27102	680	35	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{35}^{20}\ \Phi_{7}^{17}\ \Phi_{5}^{20}\ \Phi_{1}^{18}$
27103	680	616	$\frac{3}{88}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{88}^{2}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
27104	680	112	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{27}{112}$	$\frac{3}{7}$	$\Phi_{112}^{8}\ \Phi_{56}^{8}\ \Phi_{16}^{8}\ \Phi_{8}^{8}\ \Phi_{7}\ \Phi_{1}^{2}$
27105	680	21	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{21}^{32}\ \Phi_{7}^{33}\ \Phi_{3}^{32}\ \Phi_{1}^{34}$
27106	680	126	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{126}^{5}\ \Phi_{63}^{5}\ \Phi_{42}^{4}\ \Phi_{21}^{4}\ \Phi_{18}^{10}\ \Phi_{14}^{4}\ \Phi_{9}^{10}\ \Phi_{7}^{5}\ \Phi_{6}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
27107	680	91	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{91}^{8}\ \Phi_{13}^{8}\ \Phi_{7}\ \Phi_{1}^{2}$
27108	680	98	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{98}^{8}\ \Phi_{49}^{8}\ \Phi_{7}\ \Phi_{1}^{2}$
27109	680	672	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}^{2}\ \Phi_{56}\ \Phi_{48}^{2}\ \Phi_{32}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
27110	680	189	$\frac{2}{21}$	$\frac{19}{189}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{189}^{4}\ \Phi_{63}^{4}\ \Phi_{27}^{4}\ \Phi_{9}^{4}\ \Phi_{7}\ \Phi_{1}^{2}$
27111	680	679	$\frac{23}{679}$	$\frac{103}{679}$	$\frac{164}{679}$	$\frac{288}{679}$	$\Phi_{679}\ \Phi_{97}\ \Phi_{7}\ \Phi_{1}^{2}$
27112	680	147	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{23}{147}$	$\frac{62}{147}$	$\Phi_{147}^{4}\ \Phi_{49}^{6}\ \Phi_{21}^{4}\ \Phi_{7}^{5}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
27113	680	984	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{984}\ \Phi_{328}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}$
27114	680	738	$\frac{1}{18}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{738}\ \Phi_{369}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}$
27115	680	679	$\frac{34}{679}$	$\frac{101}{679}$	$\frac{129}{679}$	$\frac{275}{679}$	$\Phi_{679}\ \Phi_{97}\ \Phi_{7}\ \Phi_{1}^{2}$
27116	680	285	$\frac{2}{57}$	$\frac{11}{57}$	$\frac{1}{5}$	$\frac{23}{57}$	$\Phi_{285}^{3}\ \Phi_{95}^{3}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
27117	680	97	$\frac{2}{97}$	$\frac{19}{97}$	$\frac{29}{97}$	$\frac{39}{97}$	$\Phi_{97}^{7}\ \Phi_{1}^{8}$
27118	680	1023	$\frac{6}{341}$	$\frac{67}{341}$	$\frac{1}{3}$	$\frac{137}{341}$	$\Phi_{1023}\ \Phi_{93}\ \Phi_{33}$
27119	680	420	$\frac{1}{21}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
27120	680	679	$\frac{24}{679}$	$\frac{131}{679}$	$\frac{137}{679}$	$\frac{271}{679}$	$\Phi_{679}\ \Phi_{97}\ \Phi_{7}\ \Phi_{1}^{2}$
27121	680	84	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{84}^{14}\ \Phi_{28}^{12}\ \Phi_{21}^{6}\ \Phi_{12}^{14}\ \Phi_{7}^{5}\ \Phi_{4}^{12}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
27122	680	738	$\frac{1}{18}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{738}\ \Phi_{369}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}$
27123	680	97	$\frac{5}{97}$	$\frac{12}{97}$	$\frac{23}{97}$	$\frac{37}{97}$	$\Phi_{97}^{7}\ \Phi_{1}^{8}$
27124	680	822	$\frac{5}{137}$	$\frac{1}{6}$	$\frac{33}{137}$	$\frac{52}{137}$	$\Phi_{822}\ \Phi_{411}\ \Phi_{274}$
27125	680	552	$\frac{1}{69}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{552}^{2}\ \Phi_{184}^{2}\ \Phi_{69}^{2}\ \Phi_{24}\ \Phi_{23}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
27126	680	360	$\frac{1}{45}$	$\frac{11}{45}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^{3}\ \Phi_{120}^{3}\ \Phi_{72}^{3}\ \Phi_{45}^{3}\ \Phi_{40}^{3}\ \Phi_{24}^{3}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
27127	680	280	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^{4}\ \Phi_{56}^{4}\ \Phi_{40}^{3}\ \Phi_{35}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
27128	680	648	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{648}^{2}\ \Phi_{216}\ \Phi_{81}^{2}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
27129	680	1080	$\frac{7}{135}$	$\frac{16}{135}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
27130	680	72	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^{15}\ \Phi_{24}^{15}\ \Phi_{18}^{8}\ \Phi_{9}^{7}\ \Phi_{8}^{16}\ \Phi_{6}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
27131	680	600	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{600}^{2}\ \Phi_{200}^{2}\ \Phi_{120}\ \Phi_{75}^{2}\ \Phi_{40}\ \Phi_{25}^{2}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
27132	680	258	$\frac{1}{86}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{258}^{3}\ \Phi_{129}^{3}\ \Phi_{86}^{2}\ \Phi_{43}^{2}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
27133	680	435	$\frac{2}{87}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{435}^{2}\ \Phi_{145}^{2}\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
27134	680	507	$\frac{4}{169}$	$\frac{33}{169}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{507}\ \Phi_{169}^2\ \Phi_{39}\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
27135	680	210	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^4\ \Phi_{105}^3\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^2\ \Phi_5^2$
27136	680	507	$\frac{9}{169}$	$\frac{16}{169}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{507}\ \Phi_{169}^2\ \Phi_{39}\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
27137	680	198	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{198}^4\ \Phi_{99}^4\ \Phi_{66}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{11}^2$
27138	680	273	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{273}^2\ \Phi_{91}^4\ \Phi_{39}\ \Phi_{21}^2\ \Phi_{13}^2\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
27139	680	630	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{41}{126}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{15}$
27140	680	99	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{99}^{10}\ \Phi_{33}\ \Phi_9^{10}$
27141	680	363	$\frac{23}{363}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{363}^2\ \Phi_{121}^2\ \Phi_{33}$
27142	680	168	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{168}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{21}^6\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_8^2\ \Phi_7^6\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
27143	680	93	$\frac{1}{31}$	$\frac{6}{31}$	$\frac{25}{93}$	$\frac{1}{3}$	$\Phi_{93}^6\ \Phi_{31}^{10}\ \Phi_3^5\ \Phi_1^{10}$
27144	680	945	$\frac{1}{35}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{945}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{21}\ \Phi_{15}$
27145	680	1320	$\frac{3}{88}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{120}\ \Phi_{15}$
27146	680	420	$\frac{1}{21}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
27147	680	1680	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{27}{112}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{240}\ \Phi_{120}\ \Phi_{15}$
27148	680	402	$\frac{3}{67}$	$\frac{1}{6}$	$\frac{16}{67}$	$\frac{1}{3}$	$\Phi_{402}^2\ \Phi_{201}\ \Phi_{134}^2\ \Phi_{67}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
27149	680	1023	$\frac{17}{341}$	$\frac{52}{341}$	$\frac{81}{341}$	$\frac{1}{3}$	$\Phi_{1023}\ \Phi_{93}\ \Phi_{33}$
27150	680	66	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{66}^{20}\ \Phi_{33}^{11}\ \Phi_6^{20}\ \Phi_3^{10}$
27151	680	93	$\frac{8}{93}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{93}^7\ \Phi_{31}^8\ \Phi_3^6\ \Phi_1^8$
27152	680	342	$\frac{1}{18}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{342}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{18}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
27153	680	1023	$\frac{16}{341}$	$\frac{65}{341}$	$\frac{69}{341}$	$\frac{1}{3}$	$\Phi_{1023}\ \Phi_{93}\ \Phi_{33}$
27154	680	105	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^8\ \Phi_{35}^8\ \Phi_{15}^9\ \Phi_5^8$
27155	680	90	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{90}^{10}\ \Phi_{45}^{10}\ \Phi_{30}^8\ \Phi_{15}^9\ \Phi_{10}^8\ \Phi_5^8$
27156	680	1365	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{195}\ \Phi_{15}$
27157	680	1470	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{15}$
27158	680	480	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{15}$
27159	680	945	$\frac{2}{21}$	$\frac{19}{189}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{135}\ \Phi_{45}\ \Phi_{15}$
27160	680	231	$\frac{1}{11}$	$\frac{9}{77}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{231}^5\ \Phi_{33}\ \Phi_{21}^5$
27161	680	99	$\frac{1}{11}$	$\frac{14}{99}$	$\frac{5}{33}$	$\frac{1}{3}$	$\Phi_{99}^8\ \Phi_{33}^5\ \Phi_{11}^4\ \Phi_9^8\ \Phi_3^4\ \Phi_1^4$
27162	680	441	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{101}{441}$	$\frac{46}{147}$	$\Phi_{441}^2\ \Phi_{63}^2\ \Phi_{49}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
27163	680	49	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{9}{49}$	$\frac{15}{49}$	$\Phi_{49}^{14}\ \Phi_7^{13}\ \Phi_1^{14}$
27164	680	1215	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{73}{243}$	$\Phi_{1215}\ \Phi_{45}\ \Phi_{15}$
27165	680	945	$\frac{19}{189}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{105}\ \Phi_{45}\ \Phi_{35}\ \Phi_{15}$
27166	680	312	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{3}{13}$	$\frac{7}{24}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{24}^4\ \Phi_{13}^3\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4\ \Phi_1^4$
27167	680	1320	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{55}$
27168	680	312	$\frac{4}{39}$	$\frac{1}{8}$	$\frac{7}{39}$	$\frac{7}{24}$	$\Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{24}^3\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
27169	680	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{72}^{10}\ \Phi_{36}^{10}\ \Phi_{24}^7\ \Phi_{18}^{13}\ \Phi_{12}^7\ \Phi_9^{12}\ \Phi_8^6\ \Phi_6^9\ \Phi_4^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
27170	680	315	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{315}^3\ \Phi_{105}\ \Phi_{63}^3\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{15}\ \Phi_9^2$
27171	680	97	$\frac{9}{97}$	$\frac{12}{97}$	$\frac{22}{97}$	$\frac{25}{97}$	$\Phi_{97}^7\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
27172	680	570	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{9}{38}$	$\frac{29}{114}$	$\Phi_{570}^2\ \Phi_{285}^2\ \Phi_{95}\ \Phi_{30}^2\ \Phi_{15}^2$
27173	680	260	$\frac{1}{13}$	$\frac{3}{20}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{260}^3\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{20}^4\ \Phi_{13}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_1^4$
27174	680	220	$\frac{1}{11}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{220}^3\ \Phi_{110}^3\ \Phi_{55}^4\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{11}^4$
27175	680	780	$\frac{4}{39}$	$\frac{3}{20}$	$\frac{7}{39}$	$\frac{1}{4}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{65}\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
27176	680	180	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{180}^5\ \Phi_{90}^5\ \Phi_{60}^3\ \Phi_{45}^5\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
27177	680	418	$\frac{1}{11}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{22}$	$\Phi_{418}^2\ \Phi_{209}\ \Phi_{38}^2\ \Phi_{22}^4\ \Phi_{19}^2\ \Phi_{11}^4\ \Phi_2^4\ \Phi_1^4$
27178	680	330	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{22}$	$\Phi_{330}^3\ \Phi_{165}^3\ \Phi_{110}\ \Phi_{55}^2\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^2\ \Phi_5^2$
27179	680	97	$\frac{12}{97}$	$\frac{13}{97}$	$\frac{19}{97}$	$\frac{21}{97}$	$\Phi_{97}^7\ \Phi_1^8$
27180	680	540	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{5}$	$\frac{23}{108}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2$
27181	681	1088	$\frac{1}{136}$	$\frac{137}{544}$	$\frac{407}{1088}$	$\frac{135}{272}$	$\Phi_{1088}\ \Phi_{272}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
27182	681	900	$\frac{2}{225}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{223}{450}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
27183	681	304	$\frac{1}{76}$	$\frac{1}{4}$	$\frac{77}{304}$	$\frac{75}{152}$	$\Phi_{304}^3\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
27184	681	448	$\frac{3}{224}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{221}{448}$	$\Phi_{448}^3\ \Phi_{64}^3\ \Phi_{16}\ \Phi_1$
27185	681	448	$\frac{3}{224}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{221}{448}$	$\Phi_{448}^3\ \Phi_{64}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
27186	681	444	$\frac{5}{222}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{217}{444}$	$\Phi_{444}\ \Phi_{222}^2\ \Phi_{148}\ \Phi_{111}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
27187	681	1280	$\frac{1}{40}$	$\frac{41}{640}$	$\frac{599}{1280}$	$\frac{39}{80}$	$\Phi_{1280}\ \Phi_{256}\ \Phi_{80}\ \Phi_{16}\ \Phi_1$
27188	681	320	$\frac{1}{40}$	$\frac{41}{320}$	$\frac{93}{320}$	$\frac{39}{80}$	$\Phi_{320}^2\ \Phi_{160}^2\ \Phi_{80}^3\ \Phi_{64}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
27189	681	800	$\frac{1}{40}$	$\frac{119}{800}$	$\frac{41}{160}$	$\frac{39}{80}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
27190	681	440	$\frac{7}{220}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{213}{440}$	$\Phi_{440}^3\ \Phi_{88}^3\ \Phi_{40}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
27191	681	920	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{239}{920}$	$\frac{221}{460}$	$\Phi_{920}\ \Phi_{230}\ \Phi_{184}\ \Phi_{115}\ \Phi_{46}\ \Phi_{40}\ \Phi_{23}\ \Phi_8\ \Phi_1$
27192	681	760	$\frac{3}{76}$	$\frac{79}{760}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}\ \Phi_{40}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{10}\ \Phi_5\ \Phi_1$
27193	681	432	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{205}{432}$	$\Phi_{432}^3\ \Phi_{144}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
27194	681	240	$\frac{13}{240}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
27195	681	836	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{1}{4}$	$\frac{191}{418}$	$\Phi_{836}\ \Phi_{209}\ \Phi_{76}^2\ \Phi_{44}\ \Phi_{38}\ \Phi_{19}\ \Phi_{11}\ \Phi_4\ \Phi_1$
27196	681	408	$\frac{1}{34}$	$\frac{23}{204}$	$\frac{11}{34}$	$\frac{181}{408}$	$\Phi_{408}^3\ \Phi_{136}^3\ \Phi_{34}^2\ \Phi_{24}^3\ \Phi_{17}^2\ \Phi_8^3\ \Phi_2^2\ \Phi_1^3$
27197	681	1216	$\frac{3}{76}$	$\frac{73}{608}$	$\frac{1}{4}$	$\frac{535}{1216}$	$\Phi_{1216}\ \Phi_{76}\ \Phi_{64}\ \Phi_{38}\ \Phi_{19}\ \Phi_1$
27198	681	336	$\frac{3}{112}$	$\frac{1}{8}$	$\frac{109}{336}$	$\frac{7}{16}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{84}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
27199	681	704	$\frac{23}{704}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
27200	681	896	$\frac{9}{224}$	$\frac{1}{8}$	$\frac{215}{896}$	$\frac{7}{16}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
27201	681	240	$\frac{13}{240}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{16}\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1$
27202	681	784	$\frac{9}{112}$	$\frac{1}{8}$	$\frac{103}{784}$	$\frac{7}{16}$	$\Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{16}\ \Phi_1$
27203	681	256	$\frac{3}{32}$	$\frac{29}{256}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{256}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{16}\ \Phi_1$
27204	681	400	$\frac{1}{40}$	$\frac{27}{200}$	$\frac{13}{40}$	$\frac{173}{400}$	$\Phi_{400}^3\ \Phi_{80}^3\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
27205	681	400	$\frac{1}{20}$	$\frac{27}{200}$	$\frac{19}{100}$	$\frac{173}{400}$	$\Phi_{400}^3\ \Phi_{100}\ \Phi_{80}^3\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}^3\ \Phi_1$
27206	681	280	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{53}{280}$	$\frac{121}{280}$	$\Phi_{280}^2\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
27207	681	952	$\frac{1}{34}$	$\frac{33}{238}$	$\frac{271}{952}$	$\frac{205}{476}$	$\Phi_{952}\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{56}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
27208	681	320	$\frac{1}{40}$	$\frac{13}{80}$	$\frac{93}{320}$	$\frac{67}{160}$	$\Phi_{320}^3\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
27209	681	800	$\frac{1}{20}$	$\frac{119}{800}$	$\frac{19}{100}$	$\frac{81}{200}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
27210	681	380	$\frac{1}{38}$	$\frac{37}{190}$	$\frac{1}{4}$	$\frac{153}{380}$	$\Phi_{380}\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{20}\ \Phi_{19}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
27211	681	1120	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{121}{560}$	$\frac{439}{1120}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
27212	681	232	$\frac{5}{232}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{232}^3\ \Phi_{116}^3\ \Phi_{58}^3\ \Phi_{29}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
27213	681	240	$\frac{13}{240}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_6^3\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
27214	681	272	$\frac{1}{34}$	$\frac{45}{272}$	$\frac{11}{34}$	$\frac{23}{68}$	$\Phi_{272}^3\ \Phi_{136}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_2^2\ \Phi_1^3$
27215	681	684	$\frac{1}{57}$	$\frac{1}{4}$	$\frac{56}{171}$	$\frac{115}{342}$	$\Phi_{684}\ \Phi_{228}^2\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
27216	681	340	$\frac{1}{85}$	$\frac{28}{85}$	$\frac{113}{340}$	$\frac{57}{170}$	$\Phi_{340}^3\ \Phi_{85}^2\ \Phi_{68}^3\ \Phi_{20}^3\ \Phi_{17}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_1^3$
27217	681	300	$\frac{2}{75}$	$\frac{73}{300}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^3\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
27218	681	468	$\frac{7}{234}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{468}^2\ \Phi_{234}\ \Phi_{156}^2\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
27219	681	540	$\frac{2}{45}$	$\frac{43}{270}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}^2\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
27220	681	240	$\frac{13}{240}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
27221	681	336	$\frac{3}{112}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{109}{336}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{84}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
27222	681	306	$\frac{1}{34}$	$\frac{23}{102}$	$\frac{79}{306}$	$\frac{11}{34}$	$\Phi_{306}^3\ \Phi_{153}^3\ \Phi_{34}^2\ \Phi_{18}^3\ \Phi_{17}^2\ \Phi_9^3\ \Phi_2^2\ \Phi_1^3$
27223	681	330	$\frac{7}{110}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{103}{330}$	$\Phi_{330}^3\ \Phi_{165}^3\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
27224	681	252	$\frac{1}{12}$	$\frac{25}{252}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
27225	681	324	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{4}$	$\frac{97}{324}$	$\Phi_{324}^3\ \Phi_{162}^3\ \Phi_{81}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
27226	681	300	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{73}{300}$	$\frac{27}{100}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{100}\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}\ \Phi_{30}^3\ \Phi_{25}\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
27227	681	304	$\frac{3}{76}$	$\frac{73}{304}$	$\frac{1}{4}$	$\frac{77}{304}$	$\Phi_{304}^2\ \Phi_{152}^2\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
27228	681	280	$\frac{3}{56}$	$\frac{53}{280}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{280}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
27229	681	240	$\frac{13}{240}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
27230	681	256	$\frac{3}{32}$	$\frac{29}{256}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{256}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
27231	681	252	$\frac{25}{252}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{36}^3\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
27232	681	288	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{288}$	$\frac{1}{4}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
27233	682	678	$\frac{2}{339}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{337}{678}$	$\Phi_{678}^2\ \Phi_{226}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
27234	682	456	$\frac{1}{114}$	$\frac{115}{456}$	$\frac{1}{3}$	$\frac{113}{228}$	$\Phi_{456}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{24}^2\ \Phi_{19}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
27235	682	675	$\frac{7}{675}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{334}{675}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
27236	682	672	$\frac{5}{336}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{331}{672}$	$\Phi_{672}^2\ \Phi_{224}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
27237	682	1220	$\frac{1}{61}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{30}{61}$	$\Phi_{1220}\ \Phi_{244}\ \Phi_{61}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
27238	682	915	$\frac{1}{61}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{30}{61}$	$\Phi_{915}\ \Phi_{183}\ \Phi_{61}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
27239	682	666	$\frac{8}{333}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{325}{666}$	$\Phi_{666}^2\ \Phi_{222}^2\ \Phi_{74}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
27240	682	1140	$\frac{1}{38}$	$\frac{39}{380}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{285}\ \Phi_{114}\ \Phi_{60}\ \Phi_{57}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
27241	682	420	$\frac{1}{30}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{29}{60}$	$\Phi_{420}^3\ \Phi_{140}^3\ \Phi_{84}^3\ \Phi_{60}^4\ \Phi_{28}^3\ \Phi_{21}\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_7\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
27242	682	60	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{60}^{10}\ \Phi_{30}^{12}\ \Phi_{20}^{10}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_{10}^{12}\ \Phi_6^{14}\ \Phi_5^{12}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
27243	682	420	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{29}{60}$	$\Phi_{420}^3\ \Phi_{140}^3\ \Phi_{84}^3\ \Phi_{60}^4\ \Phi_{28}^3\ \Phi_{20}^4\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_7\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
27244	682	231	$\frac{1}{21}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{231}^3\ \Phi_{77}^3\ \Phi_{33}^4\ \Phi_{21}\ \Phi_{11}^4\ \Phi_7\ \Phi_3\ \Phi_1^2$
27245	682	315	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{10}{21}$	$\Phi_{315}^3\ \Phi_{63}^3\ \Phi_{45}^4\ \Phi_{21}\ \Phi_9^4\ \Phi_7\ \Phi_3\ \Phi_1^2$
27246	682	84	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{84}^9\ \Phi_{42}^7\ \Phi_{28}^9\ \Phi_{21}^8\ \Phi_{14}^7\ \Phi_{12}^8\ \Phi_7^8\ \Phi_6^6\ \Phi_4^8\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
27247	682	840	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{10}{21}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
27248	682	105	$\frac{1}{21}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{105}^6\ \Phi_{35}^7\ \Phi_{21}^7\ \Phi_{15}^6\ \Phi_7^8\ \Phi_5^6\ \Phi_3^7\ \Phi_1^8$
27249	682	252	$\frac{1}{21}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{10}{21}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{63}^3\ \Phi_{36}^4\ \Phi_{28}^3\ \Phi_{21}\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_7\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
27250	682	648	$\frac{17}{324}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{307}{648}$	$\Phi_{648}^2\ \Phi_{216}^2\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
27251	682	360	$\frac{19}{360}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
27252	682	1938	$\frac{1}{19}$	$\frac{18}{323}$	$\frac{1}{3}$	$\frac{305}{646}$	$\Phi_{1938}\ \Phi_{114}\ \Phi_{102}\ \Phi_{57}\ \Phi_6$
27253	682	57	$\frac{2}{57}$	$\frac{5}{57}$	$\frac{1}{3}$	$\frac{26}{57}$	$\Phi_{57}^{12}\ \Phi_{19}^{12}\ \Phi_3^{11}\ \Phi_1^{12}$
27254	682	480	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{120}^2\ \Phi_{96}^3\ \Phi_{60}\ \Phi_{48}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
27255	682	1288	$\frac{1}{23}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{1288}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}$
27256	682	168	$\frac{1}{12}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{168}^8\ \Phi_{84}\ \Phi_{56}^6\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}^8\ \Phi_{21}\ \Phi_{14}\ \Phi_8^6$
27257	682	36	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{36}^{19}\ \Phi_{18}^{19}\ \Phi_{12}^{18}\ \Phi_9^{20}\ \Phi_6^{18}\ \Phi_4^{18}\ \Phi_3^{19}\ \Phi_2^{18}\ \Phi_1^{20}$
27258	682	1824	$\frac{1}{38}$	$\frac{37}{304}$	$\frac{1}{3}$	$\frac{267}{608}$	$\Phi_{1824}\ \Phi_{114}\ \Phi_{96}\ \Phi_{57}\ \Phi_6$
27259	682	420	$\frac{1}{12}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{10}^2$
27260	682	108	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{108}^6\ \Phi_{54}^4\ \Phi_{36}^9\ \Phi_{27}^6\ \Phi_{18}^7\ \Phi_{12}^8\ \Phi_9^8\ \Phi_6^6\ \Phi_4^8\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
27261	682	348	$\frac{7}{348}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{348}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
27262	682	570	$\frac{1}{57}$	$\frac{56}{285}$	$\frac{1}{3}$	$\frac{229}{570}$	$\Phi_{570}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{19}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
27263	682	126	$\frac{1}{63}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{126}^9\ \Phi_{63}^2\ \Phi_{42}^9\ \Phi_{21}^2\ \Phi_{18}^8\ \Phi_{14}^9\ \Phi_9^2\ \Phi_7^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
27264	682	1008	$\frac{1}{63}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
27265	682	1104	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1104}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}$
27266	682	513	$\frac{2}{171}$	$\frac{169}{513}$	$\frac{1}{3}$	$\frac{172}{513}$	$\Phi_{513}\ \Phi_{171}^2\ \Phi_{57}^2\ \Phi_{27}\ \Phi_{19}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
27267	682	132	$\frac{2}{33}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{132}^6\ \Phi_{66}^6\ \Phi_{44}^6\ \Phi_{33}^4\ \Phi_{22}^6\ \Phi_{12}^2\ \Phi_{11}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
27268	682	504	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{163}{504}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
27269	682	378	$\frac{1}{18}$	$\frac{37}{378}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
27270	682	180	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{45}^4\ \Phi_{36}^6\ \Phi_{18}^6\ \Phi_{12}^2\ \Phi_9^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
27271	682	486	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{145}{486}$	$\frac{1}{3}$	$\Phi_{486}^2\ \Phi_{243}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
27272	682	480	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
27273	682	351	$\frac{10}{351}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{351}^2\ \Phi_{117}^2\ \Phi_{39}^2\ \Phi_{27}\ \Phi_{13}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
27274	682	456	$\frac{1}{38}$	$\frac{37}{152}$	$\frac{115}{456}$	$\frac{1}{3}$	$\Phi_{456}\ \Phi_{228}\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{24}\ \Phi_{19}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
27275	682	450	$\frac{7}{225}$	$\frac{2}{9}$	$\frac{109}{450}$	$\frac{1}{3}$	$\Phi_{450}^2\ \Phi_{225}\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
27276	682	120	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{120}^7\ \Phi_{60}^3\ \Phi_{40}^8\ \Phi_{30}^4\ \Phi_{24}^7\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_8^8\ \Phi_6^6\ \Phi_5^4\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
27277	682	405	$\frac{7}{135}$	$\frac{64}{405}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{405}^2\ \Phi_{135}\ \Phi_{81}^2\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
27278	682	360	$\frac{19}{360}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
27279	682	462	$\frac{2}{33}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{462}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
27280	682	432	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{91}{432}$	$\frac{1}{3}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
27281	682	360	$\frac{19}{360}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
27282	682	420	$\frac{1}{12}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
27283	682	420	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{79}{420}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
27284	682	114	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{7}{38}$	$\frac{1}{3}$	$\Phi_{114}^9\ \Phi_{57}^9\ \Phi_6^9\ \Phi_3^8$
27285	682	300	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{100}^3\ \Phi_{75}^2\ \Phi_{50}^3\ \Phi_{25}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
27286	682	36	$\frac{1}{12}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{36}^{22}\ \Phi_{18}^{22}\ \Phi_{12}^{12}\ \Phi_9^{22}\ \Phi_6^{14}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
27287	682	378	$\frac{37}{378}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
27288	682	384	$\frac{5}{48}$	$\frac{43}{384}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
27289	682	630	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{14}{45}$	$\Phi_{630}^2\ \Phi_{315}\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
27290	682	324	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{324}^3\ \Phi_{162}^3\ \Phi_{81}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
27291	682	84	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{84}^9\ \Phi_{42}^7\ \Phi_{28}^9\ \Phi_{21}^7\ \Phi_{14}^9\ \Phi_{12}^8\ \Phi_7^8\ \Phi_6^6\ \Phi_4^8\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
27292	682	280	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{9}{40}$	$\Phi_{280}^3\ \Phi_{140}^3\ \Phi_{56}^3\ \Phi_{40}^4\ \Phi_{28}^3\ \Phi_{20}^4\ \Phi_{14}^2\ \Phi_8^4\ \Phi_7\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
27293	682	70	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{70}^{12}\ \Phi_{35}^7\ \Phi_{14}^{14}\ \Phi_{10}^{12}\ \Phi_7^8\ \Phi_5^6\ \Phi_2^{14}\ \Phi_1^8$
27294	682	252	$\frac{5}{36}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{63}^3\ \Phi_{36}^4\ \Phi_{28}^3\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_9^4\ \Phi_7\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
27295	683	1240	$\frac{1}{62}$	$\frac{63}{620}$	$\frac{557}{1240}$	$\frac{61}{124}$	$\Phi_{1240}\ \Phi_{248}\ \Phi_{124}\ \Phi_{40}\ \Phi_8\ \Phi_4\ \Phi_1$
27296	683	1320	$\frac{23}{660}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{637}{1320}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{120}\ \Phi_{88}\ \Phi_{44}\ \Phi_{40}\ \Phi_{24}\ \Phi_8\ \Phi_4\ \Phi_1$
27297	683	1320	$\frac{23}{660}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{637}{1320}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{120}\ \Phi_{88}\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
27298	683	924	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{241}{924}$	$\frac{221}{462}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{231}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{44}\ \Phi_{33}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_3\ \Phi_1$
27299	683	880	$\frac{1}{22}$	$\frac{23}{220}$	$\frac{197}{880}$	$\frac{21}{44}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{176}\ \Phi_{88}\ \Phi_{80}\ \Phi_{44}\ \Phi_{40}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
27300	683	792	$\frac{1}{22}$	$\frac{109}{792}$	$\frac{23}{132}$	$\frac{21}{44}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
27301	683	792	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{109}{792}$	$\frac{89}{198}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
27302	683	1232	$\frac{1}{22}$	$\frac{67}{616}$	$\frac{21}{88}$	$\frac{549}{1232}$	$\Phi_{1232}\ \Phi_{176}\ \Phi_{112}\ \Phi_{88}\ \Phi_{44}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
27303	683	1232	$\frac{1}{11}$	$\frac{67}{616}$	$\frac{10}{77}$	$\frac{549}{1232}$	$\Phi_{1232}\ \Phi_{176}\ \Phi_{112}\ \Phi_{77}\ \Phi_{16}\ \Phi_7\ \Phi_1$
27304	683	770	$\frac{1}{11}$	$\frac{87}{770}$	$\frac{10}{77}$	$\frac{67}{154}$	$\Phi_{770}\ \Phi_{385}\ \Phi_{110}\ \Phi_{77}\ \Phi_{70}\ \Phi_{55}\ \Phi_{35}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
27305	683	1188	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{594}$	$\frac{505}{1188}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
27306	683	1116	$\frac{1}{62}$	$\frac{125}{558}$	$\frac{61}{186}$	$\frac{433}{1116}$	$\Phi_{1116}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{36}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
27307	683	992	$\frac{1}{62}$	$\frac{61}{248}$	$\frac{309}{992}$	$\frac{187}{496}$	$\Phi_{992}\ \Phi_{248}\ \Phi_{124}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
27308	683	1056	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{155}{528}$	$\frac{373}{1056}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{176}\ \Phi_{96}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
27309	683	726	$\frac{43}{726}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{726}\ \Phi_{363}\ \Phi_{242}\ \Phi_{121}\ \Phi_{33}\ \Phi_3\ \Phi_1$
27310	683	990	$\frac{23}{330}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{307}{990}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{198}\ \Phi_{99}\ \Phi_{90}\ \Phi_{45}\ \Phi_{33}\ \Phi_{18}\ \Phi_9\ \Phi_3\ \Phi_1$
27311	683	792	$\frac{1}{11}$	$\frac{109}{792}$	$\frac{23}{132}$	$\frac{10}{33}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
27312	683	825	$\frac{1}{11}$	$\frac{23}{165}$	$\frac{142}{825}$	$\frac{10}{33}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{75}\ \Phi_{33}\ \Phi_{25}\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
27313	683	891	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{208}{891}$	$\frac{89}{297}$	$\Phi_{891}\ \Phi_{99}\ \Phi_{81}\ \Phi_{33}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
27314	683	924	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{308}$	$\frac{241}{924}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{231}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
27315	684	1020	$\frac{1}{170}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{169}{340}$	$\Phi_{1020}\ \Phi_{340}^2\ \Phi_{204}\ \Phi_{68}^2\ \Phi_{60}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
27316	684	565	$\frac{1}{113}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{56}{113}$	$\Phi_{565}\ \Phi_{113}^2\ \Phi_{5}^2\ \Phi_{1}^4$
27317	684	1356	$\frac{1}{113}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{56}{113}$	$\Phi_{1356}\ \Phi_{678}\ \Phi_{12}^2\ \Phi_{6}^2$
27318	684	683	$\frac{7}{683}$	$\frac{115}{683}$	$\frac{284}{683}$	$\frac{338}{683}$	$\Phi_{683}\ \Phi_{1}^2$
27319	684	916	$\frac{3}{229}$	$\frac{1}{4}$	$\frac{58}{229}$	$\frac{113}{229}$	$\Phi_{916}\ \Phi_{458}$
27320	684	683	$\frac{9}{683}$	$\frac{170}{683}$	$\frac{173}{683}$	$\frac{337}{683}$	$\Phi_{683}\ \Phi_{1}^2$
27321	684	1200	$\frac{1}{75}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{37}{75}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{80}\ \Phi_{75}\ \Phi_{48}\ \Phi_{25}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
27322	684	300	$\frac{1}{75}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{37}{75}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^3\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
27323	684	1029	$\frac{5}{343}$	$\frac{58}{343}$	$\frac{1}{3}$	$\frac{169}{343}$	$\Phi_{1029}\ \Phi_{147}\ \Phi_{21}$
27324	684	1232	$\frac{1}{56}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{55}{112}$	$\Phi_{1232}\ \Phi_{176}\ \Phi_{112}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_{1}^2$
27325	684	336	$\frac{1}{56}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{55}{112}$	$\Phi_{336}^6\ \Phi_{48}^6\ \Phi_{21}$
27326	684	1232	$\frac{1}{56}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{55}{112}$	$\Phi_{1232}\ \Phi_{176}\ \Phi_{112}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_{1}^2$
27327	684	560	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{55}{112}$	$\Phi_{560}^3\ \Phi_{80}^3\ \Phi_{20}\ \Phi_{10}$
27328	684	683	$\frac{13}{683}$	$\frac{116}{683}$	$\frac{189}{683}$	$\frac{335}{683}$	$\Phi_{683}\ \Phi_{1}^2$
27329	684	588	$\frac{1}{49}$	$\frac{25}{196}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{147}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_{6}^2$
27330	684	916	$\frac{5}{229}$	$\frac{39}{229}$	$\frac{1}{4}$	$\frac{112}{229}$	$\Phi_{916}\ \Phi_{458}$
27331	684	629	$\frac{1}{37}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{18}{37}$	$\Phi_{629}\ \Phi_{37}^2\ \Phi_{17}^2\ \Phi_{1}^4$
27332	684	1110	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{1110}\ \Phi_{555}\ \Phi_{222}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
27333	684	629	$\frac{1}{37}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{18}{37}$	$\Phi_{629}\ \Phi_{37}^2\ \Phi_{17}^2\ \Phi_{1}^4$
27334	684	1036	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{18}{37}$	$\Phi_{1036}\ \Phi_{518}\ \Phi_{28}^2\ \Phi_{14}^2$
27335	684	683	$\frac{19}{683}$	$\frac{39}{683}$	$\frac{322}{683}$	$\frac{332}{683}$	$\Phi_{683}\ \Phi_{1}^2$
27336	684	1260	$\frac{1}{35}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{17}{35}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
27337	684	105	$\frac{1}{35}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{105}^6\ \Phi_{35}^7\ \Phi_{21}^7\ \Phi_{15}^6\ \Phi_{7}^8\ \Phi_{5}^7\ \Phi_{3}^6\ \Phi_{1}^8$
27338	684	945	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{17}{35}$	$\Phi_{945}\ \Phi_{189}\ \Phi_{135}\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
27339	684	840	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{17}{35}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
27340	684	770	$\frac{2}{55}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{53}{110}$	$\Phi_{770}^2\ \Phi_{154}^2\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{14}^2$
27341	684	683	$\frac{25}{683}$	$\frac{59}{683}$	$\frac{208}{683}$	$\frac{329}{683}$	$\Phi_{683}\ \Phi_{1}^2$
27342	684	770	$\frac{3}{77}$	$\frac{1}{10}$	$\frac{20}{77}$	$\frac{37}{77}$	$\Phi_{770}\ \Phi_{385}\ \Phi_{154}\ \Phi_{110}\ \Phi_{70}\ \Phi_{55}\ \Phi_{35}\ \Phi_{22}\ \Phi_{14}$
27343	684	161	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{4}{23}$	$\frac{11}{23}$	$\Phi_{161}^5\ \Phi_{7}^4$
27344	684	683	$\frac{31}{683}$	$\frac{94}{683}$	$\frac{119}{683}$	$\frac{326}{683}$	$\Phi_{683}\ \Phi_{1}^2$
27345	684	916	$\frac{11}{229}$	$\frac{20}{229}$	$\frac{1}{4}$	$\frac{109}{229}$	$\Phi_{916}\ \Phi_{458}$
27346	684	683	$\frac{33}{683}$	$\frac{56}{683}$	$\frac{179}{683}$	$\frac{325}{683}$	$\Phi_{683}\ \Phi_{1}^2$
27347	684	1029	$\frac{17}{343}$	$\frac{20}{343}$	$\frac{1}{3}$	$\frac{163}{343}$	$\Phi_{1029}\ \Phi_{147}\ \Phi_{21}$
27348	684	684	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{684}^2\ \Phi_{228}^2\ \Phi_{76}^2\ \Phi_{57}$
27349	684	1260	$\frac{1}{18}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{17}{36}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
27350	684	468	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{468}\ \Phi_{234}^2\ \Phi_{156}\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{13}^2$
27351	684	1260	$\frac{1}{18}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{17}{36}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
27352	684	180	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{180}^7\ \Phi_{60}^7\ \Phi_{36}^8\ \Phi_{20}^7\ \Phi_{12}^8\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^8\ \Phi_2^4\ \Phi_1^4$
27353	684	252	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{17}{36}$	$\Phi_{252}^5\ \Phi_{84}^5\ \Phi_{36}^6\ \Phi_{28}^5\ \Phi_{12}^6\ \Phi_7^5\ \Phi_4^6\ \Phi_1^6$
27354	684	1020	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{204}\ \Phi_{102}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2$
27355	684	494	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{494}^2\ \Phi_{247}\ \Phi_{38}^2$
27356	684	740	$\frac{1}{20}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{740}\ \Phi_{370}\ \Phi_{185}\ \Phi_{148}\ \Phi_{74}$
27357	684	70	$\frac{3}{35}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{70}^{11}\ \Phi_{35}^9\ \Phi_{14}^{11}\ \Phi_{10}^{10}\ \Phi_7^8\ \Phi_5^8\ \Phi_2^{10}\ \Phi_1^8$
27358	684	308	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{9}{28}$	$\frac{5}{11}$	$\Phi_{308}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{44}^2\ \Phi_{28}^4\ \Phi_{22}^2\ \Phi_{14}^4\ \Phi_{11}^3\ \Phi_7^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
27359	684	220	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{220}^3\ \Phi_{110}^3\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{20}^6\ \Phi_{11}^3\ \Phi_{10}^6\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
27360	684	770	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{70}$	$\frac{5}{11}$	$\Phi_{770}\ \Phi_{385}\ \Phi_{110}\ \Phi_{70}^2\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
27361	684	231	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{231}^3\ \Phi_{77}^2\ \Phi_{33}^3\ \Phi_{21}^6\ \Phi_{11}^3\ \Phi_7^4\ \Phi_3^6\ \Phi_1^6$
27362	684	110	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{110}^7\ \Phi_{55}^7\ \Phi_{22}^3\ \Phi_{11}^4\ \Phi_{10}^6\ \Phi_5^6\ \Phi_2^2\ \Phi_1^4$
27363	684	704	$\frac{1}{11}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_1^2$
27364	684	683	$\frac{26}{683}$	$\frac{73}{683}$	$\frac{189}{683}$	$\frac{305}{683}$	$\Phi_{683}\ \Phi_1^2$
27365	684	1029	$\frac{10}{343}$	$\frac{37}{343}$	$\frac{1}{3}$	$\frac{153}{343}$	$\Phi_{1029}\ \Phi_{147}\ \Phi_{21}$
27366	684	683	$\frac{20}{683}$	$\frac{77}{683}$	$\frac{221}{683}$	$\frac{303}{683}$	$\Phi_{683}\ \Phi_1^2$
27367	684	624	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{624}^2\ \Phi_{208}^2\ \Phi_{48}\ \Phi_{39}^2\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
27368	684	400	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{6}{25}$	$\frac{7}{16}$	$\Phi_{400}^3\ \Phi_{80}^3\ \Phi_{25}^3\ \Phi_{16}^4\ \Phi_5^3\ \Phi_1^4$
27369	684	80	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{80}^{15}\ \Phi_{20}^4\ \Phi_{16}^{16}\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
27370	684	720	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{45}$	$\frac{7}{16}$	$\Phi_{720}^2\ \Phi_{240}\ \Phi_{144}^2\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
27371	684	740	$\frac{1}{20}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{740}\ \Phi_{370}\ \Phi_{185}\ \Phi_{148}\ \Phi_{74}$
27372	684	525	$\frac{4}{175}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{525}^2\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{21}\ \Phi_{15}^2$
27373	684	210	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^3\ \Phi_{42}^4\ \Phi_{35}^3\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_2^2$
27374	684	330	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^3\ \Phi_{66}^2\ \Phi_{55}^3\ \Phi_{30}^2\ \Phi_{22}^3\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_2^2$
27375	684	683	$\frac{29}{683}$	$\frac{109}{683}$	$\frac{132}{683}$	$\frac{287}{683}$	$\Phi_{683}\ \Phi_1^2$
27376	684	916	$\frac{7}{229}$	$\frac{37}{229}$	$\frac{1}{4}$	$\frac{96}{229}$	$\Phi_{916}\ \Phi_{458}$
27377	684	294	$\frac{1}{49}$	$\frac{8}{49}$	$\frac{1}{3}$	$\frac{41}{98}$	$\Phi_{294}^6\ \Phi_{147}\ \Phi_{42}^6\ \Phi_{21}\ \Phi_6^6$
27378	684	1184	$\frac{1}{37}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1184}\ \Phi_{148}\ \Phi_{74}$
27379	684	870	$\frac{1}{58}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{30}\ \Phi_6^2$
27380	684	565	$\frac{2}{113}$	$\frac{1}{5}$	$\frac{37}{113}$	$\frac{2}{5}$	$\Phi_{565}\ \Phi_{113}^2\ \Phi_5^2\ \Phi_1^4$
27381	684	780	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{156}^2\ \Phi_{130}\ \Phi_{78}^2\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{30}\ \Phi_{26}^2\ \Phi_{12}^2\ \Phi_6^2$
27382	684	565	$\frac{5}{113}$	$\frac{18}{113}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{565}\ \Phi_{113}^2\ \Phi_5^2\ \Phi_1^4$
27383	684	140	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{140}^6\ \Phi_{70}^6\ \Phi_{35}^5\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_7^4$
27384	684	683	$\frac{11}{683}$	$\frac{153}{683}$	$\frac{224}{683}$	$\frac{265}{683}$	$\Phi_{683}\ \Phi_1^2$
27385	684	754	$\frac{1}{58}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{754}\ \Phi_{377}\ \Phi_{26}$
27386	684	644	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{11}{46}$	$\frac{35}{92}$	$\Phi_{644}^2\ \Phi_{161}\ \Phi_{28}^2$
27387	684	888	$\frac{1}{37}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{888}\ \Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}$
27388	684	880	$\frac{5}{176}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
27389	684	741	$\frac{1}{39}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{741}\ \Phi_{247}\ \Phi_{57}$
27390	684	1110	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1110}\ \Phi_{370}\ \Phi_{222}\ \Phi_{185}\ \Phi_{74}$
27391	684	683	$\frac{23}{683}$	$\frac{110}{683}$	$\frac{191}{683}$	$\frac{246}{683}$	$\Phi_{683}\ \Phi_{1}^{2}$
27392	684	740	$\frac{1}{20}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{740}\ \Phi_{370}\ \Phi_{185}\ \Phi_{148}\ \Phi_{74}$
27393	684	683	$\frac{32}{683}$	$\frac{75}{683}$	$\frac{217}{683}$	$\frac{233}{683}$	$\Phi_{683}\ \Phi_{1}^{2}$
27394	684	805	$\frac{4}{115}$	$\frac{1}{7}$	$\frac{37}{115}$	$\frac{39}{115}$	$\Phi_{805}\ \Phi_{161}\ \Phi_{35}$
27395	684	430	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{14}{43}$	$\frac{29}{86}$	$\Phi_{430}^{3}\ \Phi_{215}\ \Phi_{10}^{3}$
27396	684	683	$\frac{14}{683}$	$\frac{151}{683}$	$\frac{223}{683}$	$\frac{230}{683}$	$\Phi_{683}\ \Phi_{1}^{2}$
27397	684	916	$\frac{4}{229}$	$\frac{1}{4}$	$\frac{75}{229}$	$\frac{77}{229}$	$\Phi_{916}\ \Phi_{458}$
27398	684	683	$\frac{8}{683}$	$\frac{225}{683}$	$\frac{227}{683}$	$\frac{229}{683}$	$\Phi_{683}\ \Phi_{1}^{2}$
27399	684	1029	$\frac{4}{343}$	$\frac{113}{343}$	$\frac{1}{3}$	$\frac{115}{343}$	$\Phi_{1029}\ \Phi_{147}\ \Phi_{21}$
27400	684	255	$\frac{1}{85}$	$\frac{28}{85}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{255}^{2}\ \Phi_{85}^{4}\ \Phi_{51}^{2}\ \Phi_{17}^{4}\ \Phi_{15}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
27401	684	348	$\frac{1}{58}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{348}^{2}\ \Phi_{174}\ \Phi_{116}^{4}\ \Phi_{87}\ \Phi_{58}^{2}\ \Phi_{29}^{2}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
27402	684	525	$\frac{4}{175}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{525}\ \Phi_{175}^{2}\ \Phi_{105}\ \Phi_{75}\ \Phi_{35}^{2}\ \Phi_{25}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
27403	684	204	$\frac{1}{34}$	$\frac{11}{68}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{204}^{3}\ \Phi_{102}^{2}\ \Phi_{68}^{6}\ \Phi_{51}^{2}\ \Phi_{34}^{4}\ \Phi_{17}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
27404	684	255	$\frac{4}{85}$	$\frac{9}{85}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{255}^{2}\ \Phi_{85}^{4}\ \Phi_{51}^{2}\ \Phi_{17}^{4}\ \Phi_{15}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
27405	684	60	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{60}^{9}\ \Phi_{30}^{8}\ \Phi_{20}^{18}\ \Phi_{15}^{8}\ \Phi_{12}^{9}\ \Phi_{10}^{16}\ \Phi_{6}^{8}\ \Phi_{5}^{16}\ \Phi_{4}^{18}\ \Phi_{3}^{9}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
27406	684	399	$\frac{1}{19}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{399}^{2}\ \Phi_{133}^{2}\ \Phi_{57}$
27407	684	561	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{561}\ \Phi_{187}^{2}\ \Phi_{33}\ \Phi_{11}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
27408	684	1356	$\frac{2}{113}$	$\frac{1}{4}$	$\frac{37}{113}$	$\frac{1}{3}$	$\Phi_{1356}\ \Phi_{678}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
27409	684	147	$\frac{1}{49}$	$\frac{11}{49}$	$\frac{16}{49}$	$\frac{1}{3}$	$\Phi_{147}^{7}\ \Phi_{21}^{7}\ \Phi_{3}^{6}$
27410	684	84	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{9}{28}$	$\frac{1}{3}$	$\Phi_{84}^{12}\ \Phi_{42}^{12}\ \Phi_{21}^{13}\ \Phi_{12}^{12}\ \Phi_{6}^{12}\ \Phi_{3}^{12}$
27411	684	1029	$\frac{16}{343}$	$\frac{39}{343}$	$\frac{109}{343}$	$\frac{1}{3}$	$\Phi_{1029}\ \Phi_{147}\ \Phi_{21}$
27412	684	105	$\frac{2}{35}$	$\frac{2}{21}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{105}^{6}\ \Phi_{35}^{7}\ \Phi_{21}^{7}\ \Phi_{15}^{6}\ \Phi_{7}^{8}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
27413	684	513	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{513}^{2}\ \Phi_{57}$
27414	684	1020	$\frac{1}{20}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{204}\ \Phi_{102}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
27415	684	357	$\frac{5}{119}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{357}^{3}\ \Phi_{51}^{3}\ \Phi_{21}$
27416	684	1029	$\frac{13}{343}$	$\frac{55}{343}$	$\frac{96}{343}$	$\frac{1}{3}$	$\Phi_{1029}\ \Phi_{147}\ \Phi_{21}$
27417	684	156	$\frac{1}{39}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^{4}\ \Phi_{78}^{4}\ \Phi_{52}^{4}\ \Phi_{39}^{6}\ \Phi_{26}^{4}\ \Phi_{13}^{6}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
27418	684	1356	$\frac{5}{113}$	$\frac{18}{113}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1356}\ \Phi_{678}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
27419	684	420	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{21}^{3}$
27420	684	1092	$\frac{1}{13}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{182}\ \Phi_{52}\ \Phi_{26}$
27421	684	672	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{53}{224}$	$\frac{1}{3}$	$\Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{96}^{2}\ \Phi_{48}^{2}\ \Phi_{21}$
27422	684	105	$\frac{3}{35}$	$\frac{2}{21}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{105}^{6}\ \Phi_{35}^{7}\ \Phi_{21}^{7}\ \Phi_{15}^{6}\ \Phi_{7}^{8}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
27423	684	147	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{1}{3}$	$\Phi_{147}^{7}\ \Phi_{21}^{7}\ \Phi_{3}^{6}$
27424	684	855	$\frac{1}{19}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{95}\ \Phi_{57}$
27425	684	546	$\frac{11}{182}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{546}^{2}\ \Phi_{273}^{2}\ \Phi_{78}^{2}\ \Phi_{39}^{2}\ \Phi_{21}$
27426	684	456	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{456}^{2}\ \Phi_{228}^{2}\ \Phi_{152}^{2}\ \Phi_{76}^{2}\ \Phi_{57}$
27427	684	210	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^{4}\ \Phi_{105}^{3}\ \Phi_{70}^{4}\ \Phi_{42}^{4}\ \Phi_{35}^{3}\ \Phi_{21}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
27428	684	210	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{70}$	$\frac{1}{3}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{30}^6\ \Phi_{21}\ \Phi_{15}^6$
27429	684	21	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{21}^{31}\ \Phi_{7}^{36}\ \Phi_{3}^{30}\ \Phi_{1}^{36}$
27430	684	588	$\frac{3}{28}$	$\frac{25}{196}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{147}^2\ \Phi_{21}$
27431	684	1344	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{21}$
27432	684	308	$\frac{1}{28}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{9}{28}$	$\Phi_{308}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{44}^2\ \Phi_{28}^4\ \Phi_{22}^2\ \Phi_{14}^4\ \Phi_{11}^3\ \Phi_{7}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
27433	684	140	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{9}{28}$	$\Phi_{140}^6\ \Phi_{70}^6\ \Phi_{35}^6\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_{5}^6$
27434	684	683	$\frac{26}{683}$	$\frac{116}{683}$	$\frac{189}{683}$	$\frac{219}{683}$	$\Phi_{683}\ \Phi_{1}^2$
27435	684	860	$\frac{7}{172}$	$\frac{1}{5}$	$\frac{39}{172}$	$\frac{55}{172}$	$\Phi_{860}\ \Phi_{430}\ \Phi_{215}\ \Phi_{20}\ \Phi_{10}$
27436	684	683	$\frac{29}{683}$	$\frac{132}{683}$	$\frac{155}{683}$	$\frac{218}{683}$	$\Phi_{683}\ \Phi_{1}^2$
27437	684	916	$\frac{10}{229}$	$\frac{39}{229}$	$\frac{1}{4}$	$\frac{73}{229}$	$\Phi_{916}\ \Phi_{458}$
27438	684	945	$\frac{2}{35}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{11}{35}$	$\Phi_{945}\ \Phi_{189}\ \Phi_{135}\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
27439	684	840	$\frac{2}{35}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{11}{35}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
27440	684	385	$\frac{4}{55}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{17}{55}$	$\Phi_{385}^2\ \Phi_{77}^2\ \Phi_{35}^3\ \Phi_{7}^2$
27441	684	990	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{198}\ \Phi_{110}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{22}\ \Phi_{18}$
27442	684	1404	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{52}\ \Phi_{26}$
27443	684	945	$\frac{3}{35}$	$\frac{1}{9}$	$\frac{8}{35}$	$\frac{8}{27}$	$\Phi_{945}\ \Phi_{189}\ \Phi_{135}\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
27444	684	270	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{270}^4\ \Phi_{135}^3\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
27445	684	189	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{8}{27}$	$\Phi_{189}^5\ \Phi_{27}^6\ \Phi_{7}^5\ \Phi_{1}^6$
27446	684	210	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{210}^5\ \Phi_{105}^4\ \Phi_{70}\ \Phi_{42}^5\ \Phi_{35}\ \Phi_{30}^5\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_{14}\ \Phi_{6}^5\ \Phi_{3}^4$
27447	684	220	$\frac{1}{20}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{220}^3\ \Phi_{110}^3\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{20}^6\ \Phi_{11}^3\ \Phi_{10}^6\ \Phi_{5}^6\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
27448	684	770	$\frac{1}{14}$	$\frac{2}{11}$	$\frac{13}{70}$	$\frac{3}{11}$	$\Phi_{770}\ \Phi_{385}\ \Phi_{110}\ \Phi_{70}^2\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{1}^2$
27449	684	231	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{231}^3\ \Phi_{77}^2\ \Phi_{33}^3\ \Phi_{21}^6\ \Phi_{11}^3\ \Phi_{7}^4\ \Phi_{3}^6\ \Phi_{1}^6$
27450	684	704	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_{1}^2$
27451	684	740	$\frac{1}{20}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{740}\ \Phi_{370}\ \Phi_{185}\ \Phi_{148}\ \Phi_{74}$
27452	684	683	$\frac{27}{683}$	$\frac{164}{683}$	$\frac{170}{683}$	$\frac{173}{683}$	$\Phi_{683}\ \Phi_{1}^2$
27453	684	916	$\frac{9}{229}$	$\frac{55}{229}$	$\frac{1}{4}$	$\frac{58}{229}$	$\Phi_{916}\ \Phi_{458}$
27454	684	100	$\frac{1}{25}$	$\frac{6}{25}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{100}^6\ \Phi_{50}^6\ \Phi_{25}^9\ \Phi_{20}^6\ \Phi_{10}^6\ \Phi_{5}^9\ \Phi_{4}^8\ \Phi_{2}^8\ \Phi_{1}^{12}$
27455	684	20	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{20}^{34}\ \Phi_{10}^{34}\ \Phi_{5}^{33}\ \Phi_{4}^{36}\ \Phi_{2}^{36}\ \Phi_{1}^{36}$
27456	684	180	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^2\ \Phi_{45}^6\ \Phi_{36}^4\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{9}^6\ \Phi_{6}^2\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
27457	684	1120	$\frac{3}{56}$	$\frac{1}{5}$	$\frac{53}{224}$	$\frac{1}{4}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{160}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
27458	684	312	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{312}^3\ \Phi_{156}\ \Phi_{104}^3\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{13}^2$
27459	684	140	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^6\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{28}^8\ \Phi_{20}^7\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_{7}^4\ \Phi_{5}^3\ \Phi_{4}^8\ \Phi_{2}^4\ \Phi_{1}^4$
27460	684	420	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{10}^3$
27461	684	980	$\frac{3}{28}$	$\frac{25}{196}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{20}\ \Phi_{10}$
27462	684	320	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{20}\ \Phi_{10}$
27463	684	840	$\frac{3}{35}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{8}{35}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
27464	684	161	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{4}{23}$	$\frac{5}{23}$	$\Phi_{161}^5\ \Phi_{7}^4$
27465	684	120	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{120}^7\ \Phi_{60}^7\ \Phi_{40}^7\ \Phi_{24}^8\ \Phi_{20}^7\ \Phi_{12}^8\ \Phi_{10}^4\ \Phi_{8}^8\ \Phi_{5}^3\ \Phi_{4}^8\ \Phi_{2}^4\ \Phi_{1}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
27466	684	168	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{28}^5\ \Phi_{24}^6\ \Phi_{12}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_4^6\ \Phi_1^6$
27467	685	272	$\frac{1}{136}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{135}{272}$	$\Phi_{272}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
27468	685	1216	$\frac{1}{76}$	$\frac{77}{608}$	$\frac{531}{1216}$	$\frac{75}{152}$	$\Phi_{1216}\ \Phi_{152}\ \Phi_{64}\ \Phi_8\ \Phi_1$
27469	685	912	$\frac{1}{76}$	$\frac{227}{912}$	$\frac{77}{304}$	$\frac{75}{152}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
27470	685	270	$\frac{2}{135}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{133}{270}$	$\Phi_{270}^2\ \Phi_{135}^3\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{27}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
27471	685	1344	$\frac{13}{672}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{659}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{64}\ \Phi_{24}\ \Phi_8\ \Phi_1$
27472	685	1344	$\frac{13}{672}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{659}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
27473	685	552	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{47}{184}$	$\frac{45}{92}$	$\Phi_{552}^2\ \Phi_{184}\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}\ \Phi_{24}^2\ \Phi_{23}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
27474	685	1296	$\frac{1}{36}$	$\frac{37}{648}$	$\frac{611}{1296}$	$\frac{35}{72}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
27475	685	864	$\frac{1}{36}$	$\frac{37}{216}$	$\frac{179}{864}$	$\frac{35}{72}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
27476	685	828	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{143}{828}$	$\frac{133}{276}$	$\Phi_{828}\ \Phi_{414}\ \Phi_{207}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{36}\ \Phi_{23}\ \Phi_{18}\ \Phi_9\ \Phi_1$
27477	685	264	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{127}{264}$	$\Phi_{264}^5\ \Phi_{88}^5\ \Phi_{24}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
27478	685	1296	$\frac{1}{18}$	$\frac{37}{648}$	$\frac{17}{54}$	$\frac{611}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
27479	685	936	$\frac{1}{18}$	$\frac{17}{234}$	$\frac{251}{936}$	$\frac{217}{468}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{234}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_8\ \Phi_1$
27480	685	792	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{107}{792}$	$\frac{91}{198}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
27481	685	1008	$\frac{13}{336}$	$\frac{1}{12}$	$\frac{323}{1008}$	$\frac{11}{24}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
27482	685	144	$\frac{7}{144}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{144}^5\ \Phi_{72}^5\ \Phi_{48}^4\ \Phi_{36}^5\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_9^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
27483	685	168	$\frac{13}{168}$	$\frac{1}{12}$	$\frac{31}{168}$	$\frac{11}{24}$	$\Phi_{168}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^5\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_8^5\ \Phi_7^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
27484	685	768	$\frac{1}{12}$	$\frac{83}{768}$	$\frac{13}{96}$	$\frac{11}{24}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{24}\ \Phi_8\ \Phi_1$
27485	685	252	$\frac{11}{126}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{115}{252}$	$\Phi_{252}^5\ \Phi_{84}^5\ \Phi_{63}\ \Phi_{36}^5\ \Phi_{28}^5\ \Phi_{21}\ \Phi_{12}^5\ \Phi_7\ \Phi_4^5\ \Phi_1$
27486	685	756	$\frac{71}{756}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{54}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
27487	685	1188	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{594}$	$\frac{503}{1188}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
27488	685	144	$\frac{7}{144}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{144}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_9^5\ \Phi_8^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
27489	685	704	$\frac{19}{704}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
27490	685	1152	$\frac{1}{36}$	$\frac{109}{576}$	$\frac{35}{144}$	$\frac{467}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
27491	685	690	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{22}{115}$	$\frac{93}{230}$	$\Phi_{690}\ \Phi_{345}\ \Phi_{138}^2\ \Phi_{115}\ \Phi_{69}^2\ \Phi_{46}\ \Phi_{30}\ \Phi_{23}\ \Phi_{15}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
27492	685	171	$\frac{2}{57}$	$\frac{11}{57}$	$\frac{34}{171}$	$\frac{23}{57}$	$\Phi_{171}^5\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_9^5\ \Phi_3^2\ \Phi_1^3$
27493	685	228	$\frac{2}{57}$	$\frac{11}{57}$	$\frac{23}{114}$	$\frac{91}{228}$	$\Phi_{228}^5\ \Phi_{76}^5\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_{12}^5\ \Phi_4^5\ \Phi_3^2\ \Phi_1^3$
27494	685	1104	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{133}{552}$	$\frac{419}{1104}$	$\Phi_{1104}\ \Phi_{368}\ \Phi_{138}\ \Phi_{69}\ \Phi_{48}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_1$
27495	685	864	$\frac{1}{36}$	$\frac{179}{864}$	$\frac{35}{144}$	$\frac{109}{288}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
27496	685	408	$\frac{1}{68}$	$\frac{1}{4}$	$\frac{67}{204}$	$\frac{3}{8}$	$\Phi_{408}^4\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}^4\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
27497	685	280	$\frac{3}{140}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^4\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
27498	685	680	$\frac{1}{34}$	$\frac{33}{170}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{680}^2\ \Phi_{170}\ \Phi_{85}\ \Phi_{40}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
27499	685	816	$\frac{5}{136}$	$\frac{131}{816}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
27500	685	144	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{144}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
27501	685	1224	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{153}\ \Phi_{72}\ \Phi_{51}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
27502	685	216	$\frac{1}{36}$	$\frac{7}{36}$	$\frac{29}{108}$	$\frac{79}{216}$	$\Phi_{216}^{5}\ \Phi_{72}^{5}\ \Phi_{36}^{4}\ \Phi_{24}^{5}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
27503	685	756	$\frac{1}{18}$	$\frac{71}{756}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
27504	685	1032	$\frac{3}{172}$	$\frac{1}{4}$	$\frac{169}{516}$	$\frac{347}{1032}$	$\Phi_{1032}\ \Phi_{344}\ \Phi_{172}\ \Phi_{86}\ \Phi_{43}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
27505	685	180	$\frac{2}{45}$	$\frac{1}{6}$	$\frac{43}{180}$	$\frac{1}{3}$	$\Phi_{180}^{5}\ \Phi_{90}^{2}\ \Phi_{60}^{5}\ \Phi_{45}^{3}\ \Phi_{36}^{5}\ \Phi_{30}^{2}\ \Phi_{20}^{5}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
27506	685	144	$\frac{7}{144}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{144}^{5}\ \Phi_{72}^{5}\ \Phi_{48}^{5}\ \Phi_{36}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{2}\ \Phi_{16}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{3}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
27507	685	162	$\frac{2}{27}$	$\frac{25}{162}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{162}^{5}\ \Phi_{81}^{5}\ \Phi_{54}^{2}\ \Phi_{27}^{3}\ \Phi_{18}^{2}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
27508	685	150	$\frac{13}{150}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{150}^{5}\ \Phi_{75}^{5}\ \Phi_{50}^{5}\ \Phi_{30}^{2}\ \Phi_{25}^{5}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
27509	685	1008	$\frac{13}{336}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{323}{1008}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
27510	685	972	$\frac{1}{18}$	$\frac{37}{324}$	$\frac{287}{972}$	$\frac{17}{54}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{54}\ \Phi_{27}\ \Phi_{1}$
27511	685	162	$\frac{1}{18}$	$\frac{25}{162}$	$\frac{37}{162}$	$\frac{17}{54}$	$\Phi_{162}^{4}\ \Phi_{81}^{4}\ \Phi_{54}^{5}\ \Phi_{27}^{5}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
27512	685	864	$\frac{1}{18}$	$\frac{37}{216}$	$\frac{179}{864}$	$\frac{17}{54}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
27513	685	198	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{61}{198}$	$\Phi_{198}^{5}\ \Phi_{99}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
27514	685	891	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{206}{891}$	$\frac{91}{297}$	$\Phi_{891}\ \Phi_{99}\ \Phi_{81}\ \Phi_{33}\ \Phi_{11}\ \Phi_{1}$
27515	685	189	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{11}{63}$	$\frac{52}{189}$	$\Phi_{189}^{5}\ \Phi_{63}\ \Phi_{27}^{5}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
27516	685	144	$\frac{7}{144}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{144}^{5}\ \Phi_{72}^{5}\ \Phi_{48}^{4}\ \Phi_{36}^{5}\ \Phi_{24}^{4}\ \Phi_{18}^{5}\ \Phi_{16}^{5}\ \Phi_{12}^{4}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
27517	685	896	$\frac{13}{224}$	$\frac{3}{16}$	$\frac{211}{896}$	$\frac{1}{4}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
27518	685	768	$\frac{83}{768}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
27519	685	784	$\frac{13}{112}$	$\frac{99}{784}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
27520	686	548	$\frac{1}{137}$	$\frac{69}{274}$	$\frac{205}{548}$	$\frac{68}{137}$	$\Phi_{548}^{2}\ \Phi_{137}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
27521	686	680	$\frac{3}{340}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{337}{680}$	$\Phi_{680}^{2}\ \Phi_{136}^{2}\ \Phi_{40}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
27522	686	2040	$\frac{3}{340}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{337}{680}$	$\Phi_{2040}\ \Phi_{408}\ \Phi_{120}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
27523	686	1164	$\frac{1}{97}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{48}{97}$	$\Phi_{1164}\ \Phi_{388}\ \Phi_{97}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
27524	686	873	$\frac{1}{97}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{48}{97}$	$\Phi_{873}\ \Phi_{97}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
27525	686	675	$\frac{11}{675}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{332}{675}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
27526	686	460	$\frac{2}{115}$	$\frac{1}{5}$	$\frac{117}{460}$	$\frac{113}{230}$	$\Phi_{460}^{2}\ \Phi_{115}^{2}\ \Phi_{92}^{2}\ \Phi_{23}^{2}\ \Phi_{20}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
27527	686	1248	$\frac{1}{48}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{47}{96}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{96}^{2}\ \Phi_{32}^{2}\ \Phi_{13}\ \Phi_{1}^{2}$
27528	686	96	$\frac{1}{48}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{96}^{14}\ \Phi_{32}^{14}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
27529	686	264	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{264}^{3}\ \Phi_{132}^{3}\ \Phi_{88}^{3}\ \Phi_{66}\ \Phi_{44}^{3}\ \Phi_{33}^{2}\ \Phi_{24}^{3}\ \Phi_{22}\ \Phi_{12}^{3}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{6}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
27530	686	660	$\frac{13}{330}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{317}{660}$	$\Phi_{660}^{2}\ \Phi_{220}^{2}\ \Phi_{132}^{2}\ \Phi_{60}^{2}\ \Phi_{44}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
27531	686	663	$\frac{2}{51}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{663}\ \Phi_{221}\ \Phi_{51}^{2}\ \Phi_{17}^{2}\ \Phi_{13}\ \Phi_{1}^{2}$
27532	686	936	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{23}{72}$	$\frac{6}{13}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{117}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{13}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
27533	686	52	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{52}^{13}\ \Phi_{26}^{13}\ \Phi_{13}^{14}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
27534	686	832	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{15}{64}$	$\frac{6}{13}$	$\Phi_{832}\ \Phi_{416}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{13}\ \Phi_{1}^{2}$
27535	686	780	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{6}{13}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{65}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{13}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
27536	686	702	$\frac{1}{13}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{702}\ \Phi_{351}\ \Phi_{234}\ \Phi_{117}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{13}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
27537	686	104	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{6}{13}$	$\Phi_{104}^{6}\ \Phi_{52}^{6}\ \Phi_{26}^{6}\ \Phi_{13}^{7}\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
27538	686	90	$\frac{1}{15}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{90}^{14}\ \Phi_{30}^{14}\ \Phi_{18}^{14}\ \Phi_{15}^{4}\ \Phi_{10}^{14}\ \Phi_{6}^{14}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{14}\ \Phi_{1}^{4}$
27539	686	360	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{41}{90}$	$\Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{72}^{3}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{2}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
27540	686	440	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{440}^{2}\ \Phi_{220}^{2}\ \Phi_{110}^{2}\ \Phi_{88}\ \Phi_{44}\ \Phi_{40}^{2}\ \Phi_{22}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
27541	686	60	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{60}^{9}\ \Phi_{30}^{14}\ \Phi_{20}^{10}\ \Phi_{15}^{13}\ \Phi_{12}^{9}\ \Phi_{10}^{14}\ \Phi_{6}^{14}\ \Phi_{5}^{13}\ \Phi_{4}^{10}\ \Phi_{3}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
27542	686	216	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{216}^{4}\ \Phi_{108}^{4}\ \Phi_{72}^{3}\ \Phi_{54}^{2}\ \Phi_{36}^{3}\ \Phi_{27}^{2}\ \Phi_{24}^{3}\ \Phi_{18}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
27543	686	88	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{8}$	$\frac{39}{88}$	$\Phi_{88}^{7}\ \Phi_{44}^{9}\ \Phi_{22}^{9}\ \Phi_{11}^{8}\ \Phi_{8}^{6}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
27544	686	137	$\frac{11}{137}$	$\frac{17}{137}$	$\frac{18}{137}$	$\frac{60}{137}$	$\Phi_{137}^{5}\ \Phi_{1}^{6}$
27545	686	1056	$\frac{9}{352}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
27546	686	792	$\frac{8}{99}$	$\frac{1}{8}$	$\frac{13}{99}$	$\frac{43}{99}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
27547	686	360	$\frac{17}{360}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
27548	686	258	$\frac{1}{43}$	$\frac{6}{43}$	$\frac{1}{3}$	$\frac{37}{86}$	$\Phi_{258}^{7}\ \Phi_{129}\ \Phi_{6}^{7}$
27549	686	300	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{300}^{4}\ \Phi_{150}\ \Phi_{100}^{4}\ \Phi_{75}\ \Phi_{60}^{4}\ \Phi_{30}\ \Phi_{20}^{4}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}^{2}$
27550	686	1164	$\frac{6}{97}$	$\frac{13}{97}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1164}\ \Phi_{388}\ \Phi_{97}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
27551	686	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{120}^{7}\ \Phi_{60}^{4}\ \Phi_{40}^{7}\ \Phi_{30}^{7}\ \Phi_{24}^{5}\ \Phi_{20}^{4}\ \Phi_{15}^{6}\ \Phi_{12}^{3}\ \Phi_{10}^{7}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
27552	686	575	$\frac{4}{115}$	$\frac{111}{575}$	$\frac{1}{5}$	$\frac{232}{575}$	$\Phi_{575}\ \Phi_{115}^{2}\ \Phi_{25}\ \Phi_{23}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
27553	686	510	$\frac{3}{170}$	$\frac{1}{5}$	$\frac{167}{510}$	$\frac{2}{5}$	$\Phi_{510}^{2}\ \Phi_{255}^{2}\ \Phi_{102}^{2}\ \Phi_{51}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
27554	686	50	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{50}^{14}\ \Phi_{25}^{14}\ \Phi_{10}^{12}\ \Phi_{5}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
27555	686	425	$\frac{3}{85}$	$\frac{82}{425}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{425}^{2}\ \Phi_{25}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
27556	686	360	$\frac{17}{360}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
27557	686	240	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{240}^{5}\ \Phi_{80}^{4}\ \Phi_{48}^{5}\ \Phi_{30}^{5}\ \Phi_{16}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
27558	686	516	$\frac{1}{86}$	$\frac{85}{258}$	$\frac{1}{3}$	$\frac{173}{516}$	$\Phi_{516}^{2}\ \Phi_{258}\ \Phi_{172}^{2}\ \Phi_{129}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}^{2}$
27559	686	450	$\frac{1}{50}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{450}^{2}\ \Phi_{225}^{2}\ \Phi_{150}\ \Phi_{90}^{2}\ \Phi_{75}\ \Phi_{45}^{2}\ \Phi_{30}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{6}$
27560	686	408	$\frac{2}{51}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{408}^{2}\ \Phi_{204}^{2}\ \Phi_{136}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{34}^{2}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
27561	686	72	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{72}^{14}\ \Phi_{36}^{14}\ \Phi_{24}\ \Phi_{18}^{14}\ \Phi_{12}\ \Phi_{9}^{14}\ \Phi_{6}$
27562	686	360	$\frac{17}{360}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}\ \Phi_{5}^{2}$
27563	686	408	$\frac{3}{68}$	$\frac{65}{408}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{408}^{2}\ \Phi_{204}\ \Phi_{136}^{2}\ \Phi_{102}\ \Phi_{68}^{2}\ \Phi_{51}\ \Phi_{34}^{2}\ \Phi_{24}^{2}\ \Phi_{17}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
27564	686	360	$\frac{17}{360}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{72}^{2}\ \Phi_{60}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
27565	686	312	$\frac{3}{52}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{312}^{4}\ \Phi_{156}^{3}\ \Phi_{78}^{3}\ \Phi_{39}^{3}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
27566	686	192	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{192}^{7}\ \Phi_{96}^{7}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
27567	686	873	$\frac{6}{97}$	$\frac{13}{97}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{873}\ \Phi_{97}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
27568	686	360	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{120}\ \Phi_{90}^{3}\ \Phi_{72}^{2}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}^{2}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
27569	686	120	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{120}^{8}\ \Phi_{60}^{6}\ \Phi_{40}^{8}\ \Phi_{30}^{6}\ \Phi_{24}\ \Phi_{20}^{6}\ \Phi_{15}^{6}\ \Phi_{12}\ \Phi_{10}^{6}\ \Phi_{6}\ \Phi_{5}^{6}$
27570	686	216	$\frac{5}{54}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{216}^{4}\ \Phi_{108}^{4}\ \Phi_{72}^{2}\ \Phi_{54}^{2}\ \Phi_{36}^{4}\ \Phi_{27}^{2}\ \Phi_{24}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{6}$
27571	686	384	$\frac{41}{384}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{384}^{2}\ \Phi_{192}^{2}\ \Phi_{128}^{2}\ \Phi_{96}^{2}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
27572	686	24	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{24}^{43}\ \Phi_{12}^{43}\ \Phi_{6}^{43}\ \Phi_{3}^{42}$
27573	686	495	$\frac{13}{165}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{152}{495}$	$\Phi_{495}^{2}\ \Phi_{99}^{2}\ \Phi_{45}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
27574	686	1080	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{45}$	$\frac{37}{135}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
27575	686	360	$\frac{17}{360}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
27576	686	450	$\frac{11}{225}$	$\frac{1}{5}$	$\frac{107}{450}$	$\frac{4}{15}$	$\Phi_{450}^{2}\ \Phi_{225}\ \Phi_{150}^{2}\ \Phi_{90}^{2}\ \Phi_{75}\ \Phi_{50}^{2}\ \Phi_{45}\ \Phi_{30}^{2}\ \Phi_{25}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{9}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
27577	686	60	$\frac{1}{15}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{60}^{14}\ \Phi_{30}^{14}\ \Phi_{20}^{14}\ \Phi_{15}^{4}\ \Phi_{12}^{14}\ \Phi_{10}^{14}\ \Phi_{6}^{14}\ \Phi_{5}^{3}\ \Phi_{4}^{14}\ \Phi_{3}^{4}\ \Phi_{2}^{14}\ \Phi_{1}^{4}$
27578	686	405	$\frac{11}{135}$	$\frac{62}{405}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{405}^{2}\ \Phi_{135}\ \Phi_{81}^{2}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
27579	686	375	$\frac{32}{375}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{375}^{2}\ \Phi_{125}^{2}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
27580	686	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{264}^{4}\ \Phi_{132}^{4}\ \Phi_{88}\ \Phi_{66}^{2}\ \Phi_{44}\ \Phi_{33}^{2}\ \Phi_{24}^{4}\ \Phi_{22}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
27581	687	392	$\frac{1}{98}$	$\frac{33}{196}$	$\frac{163}{392}$	$\frac{97}{196}$	$\Phi_{392}^{3}\ \Phi_{196}\ \Phi_{56}^{3}\ \Phi_{28}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
27582	687	900	$\frac{4}{225}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{221}{450}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
27583	687	276	$\frac{1}{46}$	$\frac{47}{276}$	$\frac{1}{4}$	$\frac{45}{92}$	$\Phi_{276}^{3}\ \Phi_{138}^{3}\ \Phi_{92}^{2}\ \Phi_{69}^{3}\ \Phi_{46}\ \Phi_{23}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
27584	687	448	$\frac{5}{224}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{219}{448}$	$\Phi_{448}^{3}\ \Phi_{64}^{3}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
27585	687	448	$\frac{5}{224}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{219}{448}$	$\Phi_{448}^{3}\ \Phi_{64}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
27586	687	308	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{79}{308}$	$\frac{75}{154}$	$\Phi_{308}^{3}\ \Phi_{77}^{3}\ \Phi_{44}^{3}\ \Phi_{28}^{3}\ \Phi_{11}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
27587	687	440	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{211}{440}$	$\Phi_{440}^{3}\ \Phi_{88}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
27588	687	336	$\frac{5}{112}$	$\frac{1}{14}$	$\frac{107}{336}$	$\frac{13}{28}$	$\Phi_{336}^{3}\ \Phi_{168}^{3}\ \Phi_{84}^{3}\ \Phi_{48}^{3}\ \Phi_{42}^{3}\ \Phi_{28}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
27589	687	728	$\frac{41}{728}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{104}\ \Phi_{91}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
27590	687	896	$\frac{15}{224}$	$\frac{1}{14}$	$\frac{209}{896}$	$\frac{13}{28}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{128}\ \Phi_{64}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
27591	687	280	$\frac{1}{14}$	$\frac{5}{56}$	$\frac{51}{280}$	$\frac{13}{28}$	$\Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{70}^{3}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{28}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
27592	687	252	$\frac{1}{14}$	$\frac{23}{252}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{252}^{3}\ \Phi_{126}^{3}\ \Phi_{84}^{3}\ \Phi_{63}^{3}\ \Phi_{42}^{3}\ \Phi_{36}^{3}\ \Phi_{28}\ \Phi_{21}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
27593	687	784	$\frac{1}{14}$	$\frac{97}{784}$	$\frac{15}{112}$	$\frac{13}{28}$	$\Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
27594	687	770	$\frac{6}{77}$	$\frac{83}{770}$	$\frac{1}{7}$	$\frac{71}{154}$	$\Phi_{770}\ \Phi_{385}\ \Phi_{110}\ \Phi_{77}\ \Phi_{70}\ \Phi_{55}\ \Phi_{35}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
27595	687	420	$\frac{1}{14}$	$\frac{19}{210}$	$\frac{13}{70}$	$\frac{191}{420}$	$\Phi_{420}^{3}\ \Phi_{140}^{3}\ \Phi_{84}^{3}\ \Phi_{70}\ \Phi_{60}^{3}\ \Phi_{35}\ \Phi_{28}^{3}\ \Phi_{20}^{3}\ \Phi_{12}^{3}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}^{3}\ \Phi_{1}$
27596	687	420	$\frac{19}{210}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{191}{420}$	$\Phi_{420}^{3}\ \Phi_{140}^{3}\ \Phi_{84}^{3}\ \Phi_{60}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{20}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
27597	687	280	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{51}{280}$	$\frac{127}{280}$	$\Phi_{280}^{2}\ \Phi_{140}^{3}\ \Phi_{70}^{3}\ \Phi_{56}^{2}\ \Phi_{40}^{2}\ \Phi_{35}^{3}\ \Phi_{28}^{3}\ \Phi_{20}^{3}\ \Phi_{14}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
27598	687	252	$\frac{23}{252}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{252}^{3}\ \Phi_{126}^{3}\ \Phi_{84}^{3}\ \Phi_{63}^{3}\ \Phi_{36}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
27599	687	240	$\frac{11}{240}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{240}^{3}\ \Phi_{120}^{3}\ \Phi_{80}^{3}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{40}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
27600	687	828	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{1}{4}$	$\frac{185}{414}$	$\Phi_{828}\ \Phi_{276}\ \Phi_{207}\ \Phi_{92}^{2}\ \Phi_{69}\ \Phi_{46}\ \Phi_{36}\ \Phi_{23}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
27601	687	1232	$\frac{6}{77}$	$\frac{71}{616}$	$\frac{1}{7}$	$\frac{545}{1232}$	$\Phi_{1232}\ \Phi_{176}\ \Phi_{112}\ \Phi_{77}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
27602	687	392	$\frac{1}{49}$	$\frac{33}{196}$	$\frac{16}{49}$	$\frac{163}{392}$	$\Phi_{392}^{3}\ \Phi_{56}^{3}\ \Phi_{49}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
27603	687	980	$\frac{1}{49}$	$\frac{48}{245}$	$\frac{293}{980}$	$\frac{197}{490}$	$\Phi_{980}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
27604	687	1120	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{127}{560}$	$\frac{433}{1120}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
27605	687	368	$\frac{1}{46}$	$\frac{45}{184}$	$\frac{1}{4}$	$\frac{139}{368}$	$\Phi_{368}^{3}\ \Phi_{92}^{2}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
27606	687	238	$\frac{9}{238}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{238}^{3}\ \Phi_{119}^{3}\ \Phi_{34}^{3}\ \Phi_{17}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
27607	687	294	$\frac{1}{49}$	$\frac{65}{294}$	$\frac{16}{49}$	$\frac{33}{98}$	$\Phi_{294}^3\ \Phi_{147}^3\ \Phi_{49}^2\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
27608	687	343	$\frac{4}{343}$	$\frac{113}{343}$	$\frac{114}{343}$	$\frac{115}{343}$	$\Phi_{343}^2\ \Phi_{49}^2\ \Phi_7^2\ \Phi_1^3$
27609	687	276	$\frac{1}{23}$	$\frac{47}{276}$	$\frac{1}{4}$	$\frac{22}{69}$	$\Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^3\ \Phi_{69}^3\ \Phi_{46}^3\ \Phi_{23}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
27610	687	336	$\frac{5}{112}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{107}{336}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{84}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
27611	687	660	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{101}{330}$	$\Phi_{660}^2\ \Phi_{330}\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
27612	687	280	$\frac{5}{56}$	$\frac{1}{7}$	$\frac{51}{280}$	$\frac{2}{7}$	$\Phi_{280}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
27613	687	252	$\frac{23}{252}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{36}^3\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
27614	687	315	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{105}$	$\frac{86}{315}$	$\Phi_{315}^3\ \Phi_{63}^3\ \Phi_{45}^3\ \Phi_{21}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
27615	687	280	$\frac{1}{14}$	$\frac{51}{280}$	$\frac{13}{70}$	$\frac{19}{70}$	$\Phi_{280}^3\ \Phi_{140}^3\ \Phi_{70}\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4^3\ \Phi_1$
27616	687	240	$\frac{11}{240}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
27617	687	308	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{308}$	$\frac{79}{308}$	$\Phi_{308}^2\ \Phi_{154}^2\ \Phi_{77}^3\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
27618	687	300	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{71}{300}$	$\frac{1}{4}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^3\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
27619	687	500	$\frac{21}{250}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{500}^2\ \Phi_{250}\ \Phi_{125}\ \Phi_{100}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
27620	687	540	$\frac{4}{45}$	$\frac{41}{270}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{540}^2\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}^2\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
27621	688	171	$\frac{1}{171}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{85}{171}$	$\Phi_{171}^4\ \Phi_{57}^4\ \Phi_{19}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
27622	688	687	$\frac{5}{687}$	$\frac{173}{687}$	$\frac{257}{687}$	$\frac{341}{687}$	$\Phi_{687}\ \Phi_{229}\ \Phi_3\ \Phi_1^2$
27623	688	345	$\frac{1}{115}$	$\frac{29}{115}$	$\frac{1}{3}$	$\frac{57}{115}$	$\Phi_{345}^3\ \Phi_{69}^3\ \Phi_{15}^3\ \Phi_3^2$
27624	688	595	$\frac{1}{85}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{42}{85}$	$\Phi_{595}\ \Phi_{119}\ \Phi_{85}^2\ \Phi_{35}\ \Phi_{17}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
27625	688	255	$\frac{1}{85}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{42}{85}$	$\Phi_{255}^4\ \Phi_{51}^4\ \Phi_{15}^5\ \Phi_3^4$
27626	688	229	$\frac{3}{229}$	$\frac{29}{229}$	$\frac{100}{229}$	$\frac{113}{229}$	$\Phi_{229}^3\ \Phi_1^4$
27627	688	207	$\frac{1}{69}$	$\frac{35}{207}$	$\frac{1}{3}$	$\frac{34}{69}$	$\Phi_{207}^4\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
27628	688	865	$\frac{3}{173}$	$\frac{1}{5}$	$\frac{44}{173}$	$\frac{85}{173}$	Φ_{865}
27629	688	687	$\frac{13}{687}$	$\frac{128}{687}$	$\frac{175}{687}$	$\frac{337}{687}$	$\Phi_{687}\ \Phi_{229}\ \Phi_3\ \Phi_1^2$
27630	688	675	$\frac{13}{675}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{331}{675}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
27631	688	345	$\frac{7}{345}$	$\frac{44}{345}$	$\frac{1}{3}$	$\frac{169}{345}$	$\Phi_{345}^2\ \Phi_{115}^2\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
27632	688	420	$\frac{1}{42}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{41}{84}$	$\Phi_{420}^3\ \Phi_{140}^3\ \Phi_{84}^4\ \Phi_{60}^3\ \Phi_{28}^4\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
27633	688	252	$\frac{1}{42}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{252}^6\ \Phi_{84}^4\ \Phi_{36}^6\ \Phi_{28}^4\ \Phi_{12}^4\ \Phi_9^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
27634	688	420	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{41}{84}$	$\Phi_{420}^3\ \Phi_{140}^3\ \Phi_{84}^4\ \Phi_{60}^3\ \Phi_{28}^4\ \Phi_{20}^3\ \Phi_{12}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
27635	688	522	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{522}^2\ \Phi_{261}\ \Phi_{174}^2\ \Phi_{87}\ \Phi_{18}^2\ \Phi_6^2$
27636	688	165	$\frac{7}{165}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{79}{165}$	$\Phi_{165}^4\ \Phi_{55}^4\ \Phi_{33}^4\ \Phi_{15}^6\ \Phi_{11}^4\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
27637	688	138	$\frac{1}{23}$	$\frac{3}{46}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{138}^8\ \Phi_{69}^7\ \Phi_6^8\ \Phi_3^6$
27638	688	45	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{45}^{16}\ \Phi_{15}^{14}\ \Phi_9^{16}\ \Phi_5^{14}\ \Phi_3^{13}\ \Phi_1^{14}$
27639	688	315	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{20}{63}$	$\frac{7}{15}$	$\Phi_{315}^3\ \Phi_{63}^4\ \Phi_{45}^3\ \Phi_{15}\ \Phi_9^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
27640	688	840	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{7}{15}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
27641	688	240	$\frac{1}{15}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{40}^3\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{16}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_8^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
27642	688	735	$\frac{1}{15}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}\ \Phi_{49}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
27643	688	483	$\frac{1}{23}$	$\frac{11}{161}$	$\frac{1}{3}$	$\frac{75}{161}$	$\Phi_{483}^2\ \Phi_{69}^3\ \Phi_{21}^2\ \Phi_3^2$
27644	688	1360	$\frac{1}{17}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{1360}\ \Phi_{272}\ \Phi_{68}\ \Phi_{34}$
27645	688	621	$\frac{2}{69}$	$\frac{67}{621}$	$\frac{1}{3}$	$\frac{277}{621}$	$\Phi_{621}\ \Phi_{207}\ \Phi_{69}^2\ \Phi_{27}\ \Phi_{23}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
27646	688	924	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{231}\ \Phi_{132}^2\ \Phi_{84}\ \Phi_{66}^2\ \Phi_{42}\ \Phi_{33}^2\ \Phi_{12}^2\ \Phi_6^2$
27647	688	315	$\frac{2}{45}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^4\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{15}^4\ \Phi_9^4\ \Phi_7^2\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
27648	688	357	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{8}{51}$	$\frac{3}{7}$	$\Phi_{357}^2\ \Phi_{119}\ \Phi_{51}^4\ \Phi_{21}^2\ \Phi_{17}^2\ \Phi_7^2\ \Phi_3^4\ \Phi_1^4$
27649	688	748	$\frac{1}{44}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{748}\ \Phi_{374}\ \Phi_{187}\ \Phi_{68}\ \Phi_{34}$
27650	688	525	$\frac{3}{175}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{525}^2\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{21}^2\ \Phi_{15}$
27651	688	687	$\frac{11}{687}$	$\frac{169}{687}$	$\frac{214}{687}$	$\frac{259}{687}$	$\Phi_{687}\ \Phi_{229}\ \Phi_3\ \Phi_1^2$
27652	688	69	$\frac{1}{69}$	$\frac{17}{69}$	$\frac{1}{3}$	$\frac{26}{69}$	$\Phi_{69}^{10}\ \Phi_{23}^{10}\ \Phi_3^9\ \Phi_1^{10}$
27653	688	816	$\frac{1}{17}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
27654	688	1122	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{1122}\ \Phi_{374}\ \Phi_{187}\ \Phi_{102}\ \Phi_{34}$
27655	688	87	$\frac{1}{87}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{87}^8\ \Phi_{29}^8\ \Phi_3^5\ \Phi_1^6$
27656	688	513	$\frac{2}{171}$	$\frac{169}{513}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{513}^2\ \Phi_{27}^2\ \Phi_3\ \Phi_1^2$
27657	688	57	$\frac{1}{57}$	$\frac{14}{57}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{57}^{12}\ \Phi_{19}^{12}\ \Phi_3^{13}\ \Phi_1^{14}$
27658	688	351	$\frac{7}{351}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{351}^2\ \Phi_{117}^2\ \Phi_{39}^2\ \Phi_{27}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
27659	688	660	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
27660	688	399	$\frac{2}{57}$	$\frac{55}{399}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{399}^2\ \Phi_{133}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
27661	688	45	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{45}^{16}\ \Phi_{15}^{16}\ \Phi_9^{12}\ \Phi_5^{16}\ \Phi_3^{13}\ \Phi_1^{14}$
27662	688	285	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{285}^2\ \Phi_{95}^4\ \Phi_{57}\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
27663	688	255	$\frac{2}{85}$	$\frac{1}{5}$	$\frac{83}{255}$	$\frac{1}{3}$	$\Phi_{255}^2\ \Phi_{85}^4\ \Phi_{51}^2\ \Phi_{17}^4\ \Phi_{15}^3\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
27664	688	207	$\frac{2}{69}$	$\frac{35}{207}$	$\frac{67}{207}$	$\frac{1}{3}$	$\Phi_{207}^3\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
27665	688	63	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{63}^{10}\ \Phi_{21}^{12}\ \Phi_9^{12}\ \Phi_7^{12}\ \Phi_3^{13}\ \Phi_1^{14}$
27666	688	495	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{151}{495}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{99}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
27667	688	138	$\frac{3}{46}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{138}^8\ \Phi_{69}^7\ \Phi_6^8\ \Phi_3^6$
27668	688	45	$\frac{2}{45}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{45}^{15}\ \Phi_{15}^{16}\ \Phi_9^{15}\ \Phi_5^{16}\ \Phi_3^{15}\ \Phi_1^{16}$
27669	688	483	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{139}{483}$	$\frac{1}{3}$	$\Phi_{483}\ \Phi_{161}^2\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
27670	688	345	$\frac{3}{115}$	$\frac{28}{115}$	$\frac{29}{115}$	$\frac{1}{3}$	$\Phi_{345}^3\ \Phi_{69}^3\ \Phi_{15}^3\ \Phi_3^2$
27671	688	225	$\frac{13}{225}$	$\frac{2}{15}$	$\frac{53}{225}$	$\frac{1}{3}$	$\Phi_{225}^3\ \Phi_{75}^3\ \Phi_{45}^3\ \Phi_{25}^3\ \Phi_{15}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
27672	688	504	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_9^2\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
27673	688	45	$\frac{2}{45}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{45}^{16}\ \Phi_{15}^{13}\ \Phi_9^{16}\ \Phi_5^{16}\ \Phi_3^{12}\ \Phi_1^{16}$
27674	688	1275	$\frac{4}{85}$	$\frac{81}{425}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1275}\ \Phi_{75}\ \Phi_{15}$
27675	688	255	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{255}^3\ \Phi_{85}^4\ \Phi_{15}^4\ \Phi_5^4$
27676	688	315	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{315}^3\ \Phi_{105}^2\ \Phi_{45}^3\ \Phi_{35}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
27677	688	375	$\frac{31}{375}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{375}^2\ \Phi_{125}^2\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
27678	688	144	$\frac{5}{48}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{144}^6\ \Phi_{72}^6\ \Phi_{48}^4\ \Phi_{36}^6\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
27679	688	405	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{61}{405}$	$\frac{1}{3}$	$\Phi_{405}^2\ \Phi_{135}\ \Phi_{81}^2\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
27680	688	441	$\frac{1}{9}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{441}^2\ \Phi_{147}\ \Phi_{49}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
27681	688	315	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{20}{63}$	$\Phi_{315}^3\ \Phi_{63}^4\ \Phi_{45}^3\ \Phi_9^4\ \Phi_5^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
27682	688	1020	$\frac{1}{17}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
27683	688	229	$\frac{9}{229}$	$\frac{55}{229}$	$\frac{57}{229}$	$\frac{58}{229}$	$\Phi_{229}^3\ \Phi_1^4$
27684	688	280	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{13}{56}$	$\Phi_{280}^3\ \Phi_{140}^3\ \Phi_{56}^4\ \Phi_{40}^3\ \Phi_{28}^4\ \Phi_{20}^3\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
27685	688	240	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{40}^3\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
27686	688	245	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{245}^3\ \Phi_{49}^4\ \Phi_5^3\ \Phi_1^4$
27687	689	312	$\frac{1}{52}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{51}{104}$	$\Phi_{156}^4\ \Phi_{104}\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{24}\ \Phi_{13}^4\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
27688	689	1560	$\frac{1}{52}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{120}\ \Phi_{104}\ \Phi_{40}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
27689	689	936	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{51}{104}$	$\Phi_{936}^2\ \Phi_{104}\ \Phi_{72}^2\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
27690	689	208	$\frac{1}{52}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{51}{104}$	$\Phi_{208}^4\ \Phi_{104}\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{16}^5\ \Phi_{13}^4\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
27691	689	1344	$\frac{17}{672}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{655}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
27692	689	1344	$\frac{17}{672}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{655}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{64}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
27693	689	928	$\frac{7}{232}$	$\frac{1}{8}$	$\frac{239}{928}$	$\frac{225}{464}$	$\Phi_{928}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{32}\ \Phi_{29}\ \Phi_1$
27694	689	714	$\frac{2}{51}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{119}\ \Phi_{51}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{17}\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
27695	689	504	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{504}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{72}\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
27696	689	896	$\frac{1}{16}$	$\frac{17}{224}$	$\frac{207}{896}$	$\frac{15}{32}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
27697	689	768	$\frac{1}{16}$	$\frac{79}{768}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
27698	689	1280	$\frac{1}{16}$	$\frac{49}{640}$	$\frac{15}{64}$	$\frac{591}{1280}$	$\Phi_{1280}\ \Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
27699	689	312	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{25}{78}$	$\frac{11}{24}$	$\Phi_{312}^4\ \Phi_{104}^4\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}^5\ \Phi_8^5\ \Phi_6\ \Phi_3\ \Phi_1$
27700	689	168	$\frac{3}{56}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{168}^4\ \Phi_{84}^4\ \Phi_{56}^5\ \Phi_{42}^4\ \Phi_{28}^5\ \Phi_{24}\ \Phi_{21}^4\ \Phi_{14}^5\ \Phi_{12}^4\ \Phi_8^2\ \Phi_7^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
27701	689	1560	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{12}{65}$	$\frac{11}{24}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{120}\ \Phi_{65}\ \Phi_{40}\ \Phi_{24}\ \Phi_8\ \Phi_5\ \Phi_1$
27702	689	96	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{3}{16}$	$\frac{43}{96}$	$\Phi_{96}^{13}\ \Phi_{32}^{13}\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
27703	689	672	$\frac{1}{14}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{672}^2\ \Phi_{224}^2\ \Phi_{96}\ \Phi_{42}^2\ \Phi_{32}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
27704	689	420	$\frac{1}{14}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
27705	689	630	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
27706	689	768	$\frac{1}{16}$	$\frac{79}{768}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
27707	689	720	$\frac{31}{720}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
27708	689	1056	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{161}{528}$	$\frac{367}{1056}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{176}\ \Phi_{96}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
27709	689	1032	$\frac{1}{86}$	$\frac{85}{258}$	$\frac{343}{1032}$	$\frac{173}{516}$	$\Phi_{1032}\ \Phi_{344}\ \Phi_{258}\ \Phi_{129}\ \Phi_{24}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
27710	689	390	$\frac{1}{26}$	$\frac{2}{15}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6\ \Phi_5^3\ \Phi_3\ \Phi_1$
27711	689	840	$\frac{3}{56}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{15}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
27712	689	195	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{195}^3\ \Phi_{65}^4\ \Phi_{39}^4\ \Phi_{15}^4\ \Phi_{13}^4\ \Phi_5^5\ \Phi_3^4\ \Phi_1^5$
27713	689	234	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{25}{78}$	$\Phi_{234}^4\ \Phi_{117}^4\ \Phi_{78}\ \Phi_{39}\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6\ \Phi_3\ \Phi_1$
27714	689	624	$\frac{1}{26}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{25}{78}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{78}\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
27715	689	1008	$\frac{17}{336}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{319}{1008}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
27716	689	64	$\frac{1}{16}$	$\frac{11}{64}$	$\frac{3}{16}$	$\frac{5}{16}$	$\Phi_{64}^{13}\ \Phi_{32}^{13}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
27717	689	840	$\frac{17}{168}$	$\frac{1}{8}$	$\frac{151}{840}$	$\frac{7}{24}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
27718	689	768	$\frac{79}{768}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
27719	689	960	$\frac{1}{16}$	$\frac{49}{320}$	$\frac{15}{64}$	$\frac{271}{960}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
27720	689	504	$\frac{3}{56}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{126}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{56}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
27721	689	1170	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{12}{65}$	$\frac{5}{18}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{18}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
27722	689	504	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{126}^{2}\ \Phi_{72}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{36}\ \Phi_{21}^{2}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
27723	689	112	$\frac{3}{56}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{112}^{8}\ \Phi_{56}^{5}\ \Phi_{28}^{5}\ \Phi_{16}^{5}\ \Phi_{14}^{5}\ \Phi_{8}^{2}\ \Phi_{7}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
27724	689	208	$\frac{3}{52}$	$\frac{3}{16}$	$\frac{49}{208}$	$\frac{1}{4}$	$\Phi_{208}^{3}\ \Phi_{104}^{3}\ \Phi_{52}^{4}\ \Phi_{26}^{4}\ \Phi_{16}^{4}\ \Phi_{13}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
27725	689	1040	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{80}\ \Phi_{65}\ \Phi_{40}\ \Phi_{16}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
27726	690	1096	$\frac{1}{137}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{68}{137}$	$\Phi_{1096}\ \Phi_{137}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
27727	690	1140	$\frac{1}{114}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{113}{228}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{228}^{2}\ \Phi_{76}^{2}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
27728	690	228	$\frac{1}{114}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{113}{228}$	$\Phi_{228}^{2}\ \Phi_{114}^{4}\ \Phi_{76}^{2}\ \Phi_{57}^{4}\ \Phi_{38}^{4}\ \Phi_{19}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
27729	690	308	$\frac{1}{77}$	$\frac{1}{4}$	$\frac{39}{154}$	$\frac{38}{77}$	$\Phi_{308}^{3}\ \Phi_{154}\ \Phi_{77}^{2}\ \Phi_{44}^{3}\ \Phi_{28}^{3}\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
27730	690	1224	$\frac{1}{68}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{67}{136}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{136}^{2}\ \Phi_{72}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
27731	690	408	$\frac{1}{68}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{67}{136}$	$\Phi_{408}^{3}\ \Phi_{136}^{4}\ \Phi_{24}^{3}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
27732	690	212	$\frac{1}{53}$	$\frac{9}{106}$	$\frac{97}{212}$	$\frac{26}{53}$	$\Phi_{212}^{6}\ \Phi_{53}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
27733	690	159	$\frac{1}{53}$	$\frac{9}{53}$	$\frac{44}{159}$	$\frac{26}{53}$	$\Phi_{159}^{6}\ \Phi_{53}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
27734	690	424	$\frac{1}{53}$	$\frac{79}{424}$	$\frac{27}{106}$	$\frac{26}{53}$	$\Phi_{424}^{2}\ \Phi_{212}^{2}\ \Phi_{53}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
27735	690	676	$\frac{7}{338}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{331}{676}$	$\Phi_{676}^{2}\ \Phi_{52}^{2}\ \Phi_{13}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
27736	690	1260	$\frac{1}{45}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{22}{45}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}^{2}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
27737	690	315	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{22}{45}$	$\Phi_{315}^{2}\ \Phi_{105}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{3}\ \Phi_{35}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
27738	690	180	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{22}{45}$	$\Phi_{180}^{5}\ \Phi_{90}^{2}\ \Phi_{60}^{5}\ \Phi_{45}^{3}\ \Phi_{36}^{5}\ \Phi_{30}^{2}\ \Phi_{20}^{5}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{7}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
27739	690	224	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{109}{224}$	$\Phi_{224}^{6}\ \Phi_{32}^{6}\ \Phi_{28}\ \Phi_{14}$
27740	690	132	$\frac{1}{33}$	$\frac{17}{132}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{132}^{5}\ \Phi_{66}^{5}\ \Phi_{44}^{5}\ \Phi_{33}^{6}\ \Phi_{22}^{5}\ \Phi_{12}^{5}\ \Phi_{11}^{6}\ \Phi_{6}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
27741	690	689	$\frac{21}{689}$	$\frac{71}{689}$	$\frac{206}{689}$	$\frac{334}{689}$	$\Phi_{689}\ \Phi_{53}\ \Phi_{13}\ \Phi_{1}^{2}$
27742	690	1276	$\frac{1}{29}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{14}{29}$	$\Phi_{1276}\ \Phi_{116}\ \Phi_{44}^{2}\ \Phi_{29}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
27743	690	957	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{14}{29}$	$\Phi_{957}\ \Phi_{87}\ \Phi_{33}^{2}\ \Phi_{29}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
27744	690	834	$\frac{5}{139}$	$\frac{1}{6}$	$\frac{24}{139}$	$\frac{67}{139}$	$\Phi_{834}\ \Phi_{417}\ \Phi_{278}$
27745	690	689	$\frac{25}{689}$	$\frac{114}{689}$	$\frac{119}{689}$	$\frac{332}{689}$	$\Phi_{689}\ \Phi_{53}\ \Phi_{13}\ \Phi_{1}^{2}$
27746	690	308	$\frac{3}{77}$	$\frac{8}{77}$	$\frac{1}{4}$	$\frac{37}{77}$	$\Phi_{308}^{3}\ \Phi_{154}^{3}\ \Phi_{44}^{3}\ \Phi_{28}^{3}\ \Phi_{22}^{3}\ \Phi_{14}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
27747	690	221	$\frac{9}{221}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{106}{221}$	$\Phi_{221}^{3}\ \Phi_{17}^{3}\ \Phi_{13}^{5}\ \Phi_{1}^{6}$
27748	690	528	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{528}^{2}\ \Phi_{264}^{2}\ \Phi_{132}\ \Phi_{66}^{2}\ \Phi_{48}^{3}\ \Phi_{33}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
27749	690	1276	$\frac{1}{22}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{21}{44}$	$\Phi_{1276}\ \Phi_{116}\ \Phi_{44}^{2}\ \Phi_{29}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
27750	690	44	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{44}^{11}\ \Phi_{22}^{21}\ \Phi_{11}^{20}\ \Phi_{4}^{10}\ \Phi_{2}^{20}\ \Phi_{1}^{20}$
27751	690	1276	$\frac{1}{22}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{21}{44}$	$\Phi_{1276}\ \Phi_{116}\ \Phi_{44}^{2}\ \Phi_{29}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
27752	690	924	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{21}{44}$	$\Phi_{924}^{2}\ \Phi_{308}\ \Phi_{84}^{2}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
27753	690	252	$\frac{1}{21}$	$\frac{11}{126}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{252}^4\ \Phi_{126}^2\ \Phi_{84}^3\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{36}^4\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}\ \Phi_{12}^3\ \Phi_9^2\ \Phi_7^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
27754	690	156	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{41}{156}$	$\frac{37}{78}$	$\Phi_{156}^6\ \Phi_{52}^6\ \Phi_{39}^6\ \Phi_{13}^5\ \Phi_{12}^6\ \Phi_4^6\ \Phi_3^6\ \Phi_1^6$
27755	690	130	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{61}{130}$	$\Phi_{130}^{10}\ \Phi_{26}^{10}\ \Phi_{13}^3\ \Phi_{10}^{10}\ \Phi_2^{10}\ \Phi_1^4$
27756	690	1430	$\frac{4}{65}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{1430}\ \Phi_{286}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
27757	690	168	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{168}^4\ \Phi_{84}^3\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^6\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_8^6\ \Phi_7^4\ \Phi_6^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
27758	690	420	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{7}{30}$	$\frac{13}{28}$	$\Phi_{420}^3\ \Phi_{140}^3\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{30}^2\ \Phi_{28}^4\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
27759	690	700	$\frac{1}{14}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{700}^2\ \Phi_{140}\ \Phi_{100}^2\ \Phi_{28}^2\ \Phi_{25}^2\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
27760	690	308	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{308}^2\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{44}^2\ \Phi_{22}^3\ \Phi_{11}^2$
27761	690	756	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{13}{28}$	$\Phi_{756}^2\ \Phi_{252}\ \Phi_{108}^2\ \Phi_{84}\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
27762	690	169	$\frac{7}{169}$	$\frac{1}{13}$	$\frac{54}{169}$	$\frac{6}{13}$	$\Phi_{169}^4\ \Phi_{13}^5\ \Phi_1^6$
27763	690	364	$\frac{19}{364}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{364}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
27764	690	212	$\frac{2}{53}$	$\frac{9}{106}$	$\frac{17}{53}$	$\frac{97}{212}$	$\Phi_{212}^6\ \Phi_{53}\ \Phi_4^6\ \Phi_1^2$
27765	690	212	$\frac{9}{106}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{97}{212}$	$\Phi_{212}^6\ \Phi_{53}\ \Phi_4^6\ \Phi_1^2$
27766	690	484	$\frac{6}{121}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{484}^2\ \Phi_{242}^2\ \Phi_{44}\ \Phi_{22}$
27767	690	1302	$\frac{1}{31}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1302}\ \Phi_{434}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
27768	690	84	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{19}{42}$	$\Phi_{84}^{11}\ \Phi_{42}\ \Phi_{28}^{11}\ \Phi_{21}^{10}\ \Phi_{14}\ \Phi_{12}^{11}\ \Phi_7^{10}\ \Phi_6\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_1^{10}$
27769	690	462	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{462}^3\ \Phi_{154}^3\ \Phi_{77}\ \Phi_{66}^3\ \Phi_{22}^3$
27770	690	880	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{22}$
27771	690	208	$\frac{1}{13}$	$\frac{11}{104}$	$\frac{2}{13}$	$\frac{93}{208}$	$\Phi_{208}^6\ \Phi_{16}^6\ \Phi_{13}^5\ \Phi_1^6$
27772	690	306	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{11}{34}$	$\frac{4}{9}$	$\Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}^4\ \Phi_{18}^2\ \Phi_{17}^4\ \Phi_9^3\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
27773	690	72	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{72}^9\ \Phi_{36}^8\ \Phi_{24}^{12}\ \Phi_{18}^8\ \Phi_{12}^{11}\ \Phi_9^9\ \Phi_8^{12}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
27774	690	765	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{16}{85}$	$\frac{4}{9}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{85}^2\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
27775	690	992	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{992}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}$
27776	690	689	$\frac{17}{689}$	$\frac{93}{689}$	$\frac{224}{689}$	$\frac{298}{689}$	$\Phi_{689}\ \Phi_{53}\ \Phi_{13}\ \Phi_1^2$
27777	690	476	$\frac{4}{119}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{476}^2\ \Phi_{238}^2\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{28}\ \Phi_{14}$
27778	690	1240	$\frac{1}{31}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1240}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}$
27779	690	440	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{440}^3\ \Phi_{110}\ \Phi_{88}^3\ \Phi_{55}\ \Phi_{22}$
27780	690	26	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{2}{13}$	$\frac{11}{26}$	$\Phi_{26}^{24}\ \Phi_{13}^{29}\ \Phi_2^{24}\ \Phi_1^{30}$
27781	690	744	$\frac{1}{24}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{744}\ \Phi_{372}\ \Phi_{248}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}$
27782	690	396	$\frac{1}{33}$	$\frac{16}{99}$	$\frac{1}{4}$	$\frac{83}{198}$	$\Phi_{396}^2\ \Phi_{132}^3\ \Phi_{99}^2\ \Phi_{66}\ \Phi_{44}^3\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
27783	690	39	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{16}{39}$	$\Phi_{39}^{18}\ \Phi_{13}^{17}\ \Phi_3^{18}\ \Phi_1^{18}$
27784	690	689	$\frac{24}{689}$	$\frac{133}{689}$	$\frac{137}{689}$	$\frac{278}{689}$	$\Phi_{689}\ \Phi_{53}\ \Phi_{13}\ \Phi_1^2$
27785	690	308	$\frac{2}{77}$	$\frac{15}{77}$	$\frac{1}{4}$	$\frac{31}{77}$	$\Phi_{308}^3\ \Phi_{154}^3\ \Phi_{44}^3\ \Phi_{28}^3\ \Phi_{22}^3\ \Phi_{14}^3\ \Phi_4^2\ \Phi_2^2$
27786	690	585	$\frac{2}{117}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{117}^2\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
27787	690	855	$\frac{1}{57}$	$\frac{1}{5}$	$\frac{56}{171}$	$\frac{2}{5}$	$\Phi_{855}\ \Phi_{171}^2\ \Phi_{45}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
27788	690	760	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{37}{152}$	$\frac{2}{5}$	$\Phi_{760}\ \Phi_{380}\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{40}\ \Phi_{20}\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
27789	690	285	$\frac{2}{57}$	$\frac{11}{57}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{285}^2\ \Phi_{95}^2\ \Phi_{57}^4\ \Phi_{19}^4\ \Phi_{15}^2\ \Phi_5^3\ \Phi_3^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
27790	690	120	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{120}^5\ \Phi_{60}^5\ \Phi_{40}^5\ \Phi_{30}^4\ \Phi_{24}^{10}\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{12}^{10}\ \Phi_{10}^4\ \Phi_8^{10}\ \Phi_6^8\ \Phi_5^5\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
27791	690	665	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{665}\ \Phi_{133}^2\ \Phi_{35}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
27792	690	117	$\frac{2}{117}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{117}^6\ \Phi_{39}^6\ \Phi_{13}^5\ \Phi_9^6\ \Phi_3^6\ \Phi_1^6$
27793	690	1232	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{1232}\ \Phi_{176}\ \Phi_{154}\ \Phi_{77}\ \Phi_{22}$
27794	690	840	$\frac{1}{70}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{840}^2\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
27795	690	1096	$\frac{2}{137}$	$\frac{1}{4}$	$\frac{45}{137}$	$\frac{3}{8}$	$\Phi_{1096}\ \Phi_{137}\ \Phi_8^2\ \Phi_1^2$
27796	690	376	$\frac{1}{47}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{376}^3\ \Phi_{188}\ \Phi_{94}$
27797	690	1096	$\frac{5}{137}$	$\frac{22}{137}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1096}\ \Phi_{137}\ \Phi_8^2\ \Phi_1^2$
27798	690	168	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{56}^4\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_7^4$
27799	690	689	$\frac{19}{689}$	$\frac{134}{689}$	$\frac{185}{689}$	$\frac{252}{689}$	$\Phi_{689}\ \Phi_{53}\ \Phi_{13}\ \Phi_1^2$
27800	690	1116	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1116}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}$
27801	690	744	$\frac{1}{24}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{744}\ \Phi_{372}\ \Phi_{248}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}$
27802	690	106	$\frac{3}{53}$	$\frac{5}{53}$	$\frac{16}{53}$	$\frac{37}{106}$	$\Phi_{106}^{10}\ \Phi_{53}^3\ \Phi_2^{10}\ \Phi_1^4$
27803	690	53	$\frac{2}{53}$	$\frac{7}{53}$	$\frac{17}{53}$	$\frac{18}{53}$	$\Phi_{53}^{13}\ \Phi_1^{14}$
27804	690	1218	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{28}{87}$	$\frac{59}{174}$	$\Phi_{1218}\ \Phi_{406}\ \Phi_{203}\ \Phi_{42}\ \Phi_{14}$
27805	690	834	$\frac{4}{139}$	$\frac{1}{6}$	$\frac{45}{139}$	$\frac{47}{139}$	$\Phi_{834}\ \Phi_{417}\ \Phi_{278}$
27806	690	468	$\frac{2}{117}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
27807	690	684	$\frac{1}{57}$	$\frac{1}{4}$	$\frac{56}{171}$	$\frac{1}{3}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
27808	690	102	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{11}{34}$	$\frac{1}{3}$	$\Phi_{102}^6\ \Phi_{51}^6\ \Phi_{34}^8\ \Phi_{17}^8\ \Phi_6^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
27809	690	1038	$\frac{13}{346}$	$\frac{47}{346}$	$\frac{111}{346}$	$\frac{1}{3}$	$\Phi_{1038}\ \Phi_{519}\ \Phi_6$
27810	690	528	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
27811	690	168	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{168}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^6\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_{12}^6\ \Phi_8^6\ \Phi_7^4\ \Phi_6^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
27812	690	1038	$\frac{11}{346}$	$\frac{67}{346}$	$\frac{93}{346}$	$\frac{1}{3}$	$\Phi_{1038}\ \Phi_{519}\ \Phi_6$
27813	690	456	$\frac{1}{38}$	$\frac{37}{152}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{456}^3\ \Phi_{228}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
27814	690	228	$\frac{2}{57}$	$\frac{11}{57}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^4\ \Phi_{114}^4\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_4^4\ \Phi_2^4$
27815	690	24	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{24}^{30}\ \Phi_{12}^{27}\ \Phi_8^{30}\ \Phi_6^{29}\ \Phi_4^{26}\ \Phi_3^{28}\ \Phi_2^{28}\ \Phi_1^{28}$
27816	690	1596	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}\ \Phi_6$
27817	690	510	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{16}{85}$	$\frac{1}{3}$	$\Phi_{510}^2\ \Phi_{255}\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
27818	690	1188	$\frac{1}{33}$	$\frac{67}{297}$	$\frac{1}{4}$	$\frac{32}{99}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{132}\ \Phi_{108}\ \Phi_{66}\ \Phi_{54}\ \Phi_{44}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
27819	690	159	$\frac{2}{53}$	$\frac{9}{53}$	$\frac{44}{159}$	$\frac{17}{53}$	$\Phi_{159}^6\ \Phi_{53}\ \Phi_3^6\ \Phi_1^2$
27820	690	168	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{53}{168}$	$\Phi_{168}^6\ \Phi_{84}^6\ \Phi_{42}^6\ \Phi_{28}\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{14}\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^6$
27821	690	957	$\frac{2}{29}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{9}{29}$	$\Phi_{957}\ \Phi_{87}\ \Phi_{33}^2\ \Phi_{29}\ \Phi_3^2\ \Phi_1^2$
27822	690	26	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{26}^{30}\ \Phi_{13}^{23}\ \Phi_2^{30}\ \Phi_1^{24}$
27823	690	132	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{132}^{10}\ \Phi_{66}^{10}\ \Phi_{44}\ \Phi_{22}\ \Phi_{12}^{10}\ \Phi_6^{10}$
27824	690	957	$\frac{1}{11}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{10}{33}$	$\Phi_{957}\ \Phi_{87}\ \Phi_{33}^2\ \Phi_{29}\ \Phi_3^2\ \Phi_1^2$
27825	690	462	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{462}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{42}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2$
27826	690	330	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{330}^3\ \Phi_{165}^3\ \Phi_{110}\ \Phi_{66}^3\ \Phi_{55}\ \Phi_{33}^3\ \Phi_{22}$
27827	690	196	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{196}^5\ \Phi_{98}^5\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_4^2\ \Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
27828	690	210	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{7}{30}$	$\frac{2}{7}$	$\Phi_{210}^4\ \Phi_{105}^2\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^2\ \Phi_{30}^6\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_{14}^4\ \Phi_{10}^6\ \Phi_7^4\ \Phi_6^6\ \Phi_5^3\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
27829	690	175	$\frac{2}{25}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{175}^4\ \Phi_{35}^2\ \Phi_{25}^6\ \Phi_7^4\ \Phi_5^3\ \Phi_1^6$
27830	690	308	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{308}^3\ \Phi_{154}^3\ \Phi_{77}\ \Phi_{44}^3\ \Phi_{22}^3$
27831	690	189	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{27}$	$\frac{2}{7}$	$\Phi_{189}^4\ \Phi_{63}^2\ \Phi_{27}^6\ \Phi_{21}^2\ \Phi_9^3\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
27832	690	159	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{9}{53}$	$\frac{44}{159}$	$\Phi_{159}^6\ \Phi_{53}\ \Phi_3^6\ \Phi_1^2$
27833	690	252	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{1}{4}$	$\frac{17}{63}$	$\Phi_{252}^5\ \Phi_{126}^5\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}^5\ \Phi_{28}\ \Phi_{18}^5\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
27834	690	156	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{52}$	$\frac{41}{156}$	$\Phi_{156}^6\ \Phi_{78}^6\ \Phi_{39}^6\ \Phi_{13}^5\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^6\ \Phi_1^6$
27835	690	60	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{30}$	$\frac{1}{4}$	$\Phi_{60}^{15}\ \Phi_{30}^8\ \Phi_{20}^{15}\ \Phi_{15}^7\ \Phi_{12}^{17}\ \Phi_{10}^8\ \Phi_6^9\ \Phi_5^7\ \Phi_4^{16}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
27836	690	132	$\frac{1}{11}$	$\frac{17}{132}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{132}^6\ \Phi_{66}^6\ \Phi_{44}^3\ \Phi_{33}^6\ \Phi_{22}^5\ \Phi_{12}^6\ \Phi_{11}^4\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^4\ \Phi_1^4$
27837	690	252	$\frac{11}{126}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{252}^4\ \Phi_{126}^2\ \Phi_{84}^4\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}^4\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}\ \Phi_{12}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2$
27838	690	300	$\frac{2}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{300}^4\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
27839	690	896	$\frac{13}{128}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{28}\ \Phi_{14}$
27840	690	220	$\frac{1}{11}$	$\frac{9}{55}$	$\frac{2}{11}$	$\frac{1}{4}$	$\Phi_{220}^5\ \Phi_{110}^5\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}^5\ \Phi_{10}^5$
27841	690	28	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{1}{4}$	$\Phi_{28}^{25}\ \Phi_{14}^{25}\ \Phi_7^{24}\ \Phi_4^{24}\ \Phi_2^{24}\ \Phi_1^{24}$
27842	690	108	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{108}^{10}\ \Phi_{54}^4\ \Phi_{36}^5\ \Phi_{27}^6\ \Phi_{18}^2\ \Phi_{12}^7\ \Phi_9^3\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
27843	691	1104	$\frac{1}{138}$	$\frac{139}{552}$	$\frac{413}{1104}$	$\frac{137}{276}$	$\Phi_{1104}\ \Phi_{368}\ \Phi_{276}\ \Phi_{92}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
27844	691	924	$\frac{2}{231}$	$\frac{233}{924}$	$\frac{1}{3}$	$\frac{229}{462}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{231}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{44}\ \Phi_{33}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{11}\ \Phi_7\ \Phi_4\ \Phi_1$
27845	691	1368	$\frac{7}{684}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{677}{1368}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{152}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
27846	691	1368	$\frac{7}{684}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{677}{1368}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{152}\ \Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
27847	691	1360	$\frac{11}{680}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{669}{1360}$	$\Phi_{1360}\ \Phi_{272}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
27848	691	792	$\frac{2}{99}$	$\frac{101}{792}$	$\frac{1}{3}$	$\frac{97}{198}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
27849	691	1288	$\frac{1}{46}$	$\frac{47}{644}$	$\frac{597}{1288}$	$\frac{45}{92}$	$\Phi_{1288}\ \Phi_{184}\ \Phi_{92}\ \Phi_{56}\ \Phi_8\ \Phi_4\ \Phi_1$
27850	691	1344	$\frac{19}{672}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{653}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{64}\ \Phi_{21}\ \Phi_7\ \Phi_1$
27851	691	1344	$\frac{19}{672}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{653}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{64}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
27852	691	756	$\frac{2}{63}$	$\frac{65}{756}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{54}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
27853	691	1320	$\frac{1}{30}$	$\frac{31}{660}$	$\frac{629}{1320}$	$\frac{29}{60}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{120}\ \Phi_{88}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
27854	691	1320	$\frac{31}{660}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{629}{1320}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{120}\ \Phi_{88}\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}\ \Phi_{11}\ \Phi_8\ \Phi_1$
27855	691	726	$\frac{35}{726}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{726}\ \Phi_{363}\ \Phi_{242}\ \Phi_{121}\ \Phi_{33}\ \Phi_{11}\ \Phi_1$
27856	691	1300	$\frac{41}{650}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{609}{1300}$	$\Phi_{1300}\ \Phi_{260}\ \Phi_{100}\ \Phi_{52}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
27857	691	840	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{149}{840}$	$\frac{131}{280}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
27858	691	800	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{109}{800}$	$\frac{91}{200}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
27859	691	714	$\frac{23}{714}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{119}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}\ \Phi_{21}\ \Phi_{17}\ \Phi_7\ \Phi_1$
27860	691	1260	$\frac{2}{63}$	$\frac{61}{630}$	$\frac{1}{3}$	$\frac{569}{1260}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
27861	691	1260	$\frac{1}{30}$	$\frac{61}{630}$	$\frac{29}{90}$	$\frac{569}{1260}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{90}\ \Phi_{84}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
27862	691	1260	$\frac{61}{630}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{569}{1260}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
27863	691	1020	$\frac{11}{340}$	$\frac{1}{10}$	$\frac{329}{1020}$	$\frac{9}{20}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{204}\ \Phi_{102}\ \Phi_{60}\ \Phi_{51}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
27864	691	720	$\frac{29}{720}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
27865	691	960	$\frac{1}{30}$	$\frac{29}{240}$	$\frac{269}{960}$	$\frac{211}{480}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
27866	691	1200	$\frac{1}{30}$	$\frac{91}{600}$	$\frac{29}{120}$	$\frac{509}{1200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
27867	691	1200	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{600}$	$\frac{509}{1200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
27868	691	1188	$\frac{2}{99}$	$\frac{97}{594}$	$\frac{1}{3}$	$\frac{497}{1188}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_1$
27869	691	912	$\frac{7}{228}$	$\frac{1}{6}$	$\frac{221}{912}$	$\frac{5}{12}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{152}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
27870	691	720	$\frac{29}{720}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
27871	691	720	$\frac{29}{720}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
27872	691	702	$\frac{11}{702}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{702}\ \Phi_{351}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{54}\ \Phi_{39}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_9\ \Phi_1$
27873	691	1120	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{131}{560}$	$\frac{429}{1120}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
27874	691	1104	$\frac{1}{46}$	$\frac{45}{184}$	$\frac{139}{552}$	$\frac{413}{1104}$	$\Phi_{1104}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
27875	691	1080	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{151}{540}$	$\frac{389}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
27876	691	1044	$\frac{5}{174}$	$\frac{1}{6}$	$\frac{169}{522}$	$\frac{353}{1044}$	$\Phi_{1044}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}\ \Phi_{36}\ \Phi_{29}\ \Phi_{12}\ \Phi_4\ \Phi_1$
27877	691	891	$\frac{2}{99}$	$\frac{200}{891}$	$\frac{97}{297}$	$\frac{1}{3}$	$\Phi_{891}\ \Phi_{99}\ \Phi_{81}\ \Phi_{33}\ \Phi_{11}\ \Phi_9\ \Phi_1$
27878	691	1026	$\frac{7}{342}$	$\frac{2}{9}$	$\frac{335}{1026}$	$\frac{1}{3}$	$\Phi_{1026}\ \Phi_{513}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
27879	691	1008	$\frac{19}{336}$	$\frac{2}{21}$	$\frac{317}{1008}$	$\frac{1}{3}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_1$
27880	691	990	$\frac{2}{33}$	$\frac{31}{330}$	$\frac{299}{990}$	$\frac{1}{3}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{198}\ \Phi_{99}\ \Phi_{90}\ \Phi_{45}\ \Phi_{33}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
27881	691	945	$\frac{2}{63}$	$\frac{61}{315}$	$\frac{254}{945}$	$\frac{1}{3}$	$\Phi_{945}\ \Phi_{189}\ \Phi_{135}\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$
27882	691	792	$\frac{2}{33}$	$\frac{101}{792}$	$\frac{31}{132}$	$\frac{1}{3}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_8\ \Phi_1$
27883	691	756	$\frac{65}{756}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{63}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_1$
27884	691	720	$\frac{29}{720}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
27885	691	855	$\frac{7}{171}$	$\frac{164}{855}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{95}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
27886	691	825	$\frac{2}{33}$	$\frac{134}{825}$	$\frac{31}{165}$	$\frac{1}{3}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{75}\ \Phi_{33}\ \Phi_{25}\ \Phi_{11}\ \Phi_1$
27887	691	840	$\frac{2}{21}$	$\frac{19}{168}$	$\frac{149}{840}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
27888	691	1008	$\frac{19}{336}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{317}{1008}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
27889	691	900	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{209}{900}$	$\frac{91}{300}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{225}\ \Phi_{180}\ \Phi_{100}\ \Phi_{90}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
27890	691	840	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{149}{840}$	$\frac{61}{210}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
27891	691	768	$\frac{77}{768}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
27892	691	840	$\frac{19}{168}$	$\frac{1}{6}$	$\frac{149}{840}$	$\frac{5}{24}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
27893	692	1032	$\frac{1}{172}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{171}{344}$	$\Phi_{1032}\ \Phi_{344}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
27894	692	1710	$\frac{2}{171}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{169}{342}$	$\Phi_{1710}\ \Phi_{570}\ \Phi_{190}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
27895	692	1160	$\frac{1}{58}$	$\frac{1}{5}$	$\frac{59}{232}$	$\frac{57}{116}$	$\Phi_{1160}\ \Phi_{290}\ \Phi_{145}\ \Phi_{40}\ \Phi_{10}$
27896	692	1680	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{163}{336}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{240}\ \Phi_{80}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
27897	692	180	$\frac{7}{180}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^3\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^3\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
27898	692	290	$\frac{1}{29}$	$\frac{28}{145}$	$\frac{1}{5}$	$\frac{117}{290}$	$\Phi_{290}^4\ \Phi_{145}\ \Phi_{58}^4\ \Phi_{10}^4\ \Phi_{2}^4$
27899	692	258	$\frac{1}{86}$	$\frac{85}{258}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{258}^3\ \Phi_{129}^3\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{6}^3\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
27900	692	528	$\frac{3}{176}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
27901	692	645	$\frac{1}{43}$	$\frac{42}{215}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{645}\ \Phi_{215}^2\ \Phi_{15}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
27902	692	1140	$\frac{2}{57}$	$\frac{1}{5}$	$\frac{55}{228}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{190}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
27903	692	180	$\frac{7}{180}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^3\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
27904	692	1260	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{79}{252}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
27905	692	960	$\frac{19}{192}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{80}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
27906	692	210	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{210}$	$\frac{1}{5}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{42}^4\ \Phi_{35}^3\ \Phi_{30}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_{7}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
27907	693	1376	$\frac{5}{688}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{683}{1376}$	$\Phi_{1376}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
27908	693	588	$\frac{1}{98}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{97}{196}$	$\Phi_{294}^2\ \Phi_{196}\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^3$
27909	693	1764	$\frac{1}{98}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{97}{196}$	$\Phi_{1764}\ \Phi_{252}\ \Phi_{196}\ \Phi_{36}\ \Phi_{28}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
27910	693	928	$\frac{3}{232}$	$\frac{1}{4}$	$\frac{235}{928}$	$\frac{229}{464}$	$\Phi_{928}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{32}\ \Phi_{29}\ \Phi_{8}\ \Phi_{1}$
27911	693	304	$\frac{1}{76}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{75}{152}$	$\Phi_{304}^4\ \Phi_{152}\ \Phi_{16}^5\ \Phi_{8}\ \Phi_{1}$
27912	693	152	$\frac{1}{76}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{75}{152}$	$\Phi_{152}^9\ \Phi_{8}^9\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
27913	693	620	$\frac{1}{62}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{61}{124}$	$\Phi_{310}^2\ \Phi_{155}^2\ \Phi_{124}\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{20}\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
27914	693	1860	$\frac{1}{62}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{61}{124}$	$\Phi_{1860}\ \Phi_{372}\ \Phi_{124}\ \Phi_{60}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
27915	693	150	$\frac{2}{75}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{150}^4\ \Phi_{75}^5\ \Phi_{50}^4\ \Phi_{30}^5\ \Phi_{25}^5\ \Phi_{15}^6\ \Phi_{10}^4\ \Phi_{6}^5\ \Phi_{5}^5\ \Phi_{3}^5\ \Phi_{2}^4\ \Phi_{1}^5$
27916	693	320	$\frac{1}{32}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{31}{64}$	$\Phi_{320}^4\ \Phi_{64}^5\ \Phi_{40}\ \Phi_{8}\ \Phi_{1}$
27917	693	320	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{31}{64}$	$\Phi_{320}^4\ \Phi_{64}^5\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{2}^2\ \Phi_{1}^3$
27918	693	64	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{64}^{21}\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
27919	693	1600	$\frac{1}{32}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{31}{64}$	$\Phi_{1600}\ \Phi_{64}\ \Phi_{25}\ \Phi_{1}$
27920	693	520	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{520}^2\ \Phi_{130}^2\ \Phi_{104}\ \Phi_{65}^2\ \Phi_{40}^2\ \Phi_{26}\ \Phi_{13}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
27921	693	760	$\frac{4}{95}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{91}{190}$	$\Phi_{760}\ \Phi_{380}\ \Phi_{152}\ \Phi_{95}\ \Phi_{76}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
27922	693	80	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{19}{40}$	$\Phi_{80}^8\ \Phi_{40}^9\ \Phi_{20}^8\ \Phi_{16}^{10}\ \Phi_{10}^8\ \Phi_{8}^{11}\ \Phi_{5}^8\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
27923	693	120	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{120}^{12}\ \Phi_{40}^9\ \Phi_{24}^{12}\ \Phi_{12}^3\ \Phi_{8}^9\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
27924	693	40	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{19}{40}$	$\Phi_{40}^{18}\ \Phi_{20}^{17}\ \Phi_{10}^{17}\ \Phi_{8}^{17}\ \Phi_{5}^{17}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
27925	693	720	$\frac{5}{72}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{144}\ \Phi_{80}^2\ \Phi_{48}\ \Phi_{30}^2\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
27926	693	620	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{10}{31}$	$\frac{9}{20}$	$\Phi_{620}^2\ \Phi_{124}^2\ \Phi_{31}^2\ \Phi_{20}^3\ \Phi_{4}^3\ \Phi_{1}^3$
27927	693	220	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{220}^2\ \Phi_{110}^4\ \Phi_{55}^4\ \Phi_{44}^4\ \Phi_{22}^5\ \Phi_{20}\ \Phi_{11}^5\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
27928	693	620	$\frac{3}{31}$	$\frac{1}{10}$	$\frac{4}{31}$	$\frac{9}{20}$	$\Phi_{620}^2\ \Phi_{124}^2\ \Phi_{31}^2\ \Phi_{20}^3\ \Phi_{4}^3\ \Phi_{1}^3$
27929	693	40	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{40}^{20}\ \Phi_{20}^{11}\ \Phi_{10}^{19}\ \Phi_{8}^{19}\ \Phi_{5}^{19}\ \Phi_{4}^{10}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
27930	693	912	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{37}{114}$	$\frac{7}{16}$	$\Phi_{912}^2\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}^2\ \Phi_{16}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
27931	693	80	$\frac{3}{80}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{80}^{9}\ \Phi_{40}^{9}\ \Phi_{20}^{9}\ \Phi_{16}^{6}\ \Phi_{10}^{9}\ \Phi_{8}^{9}\ \Phi_{5}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
27932	693	1520	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{18}{95}$	$\frac{7}{16}$	$\Phi_{1520}\ \Phi_{95}\ \Phi_{80}\ \Phi_{16}\ \Phi_{5}\ \Phi_{1}$
27933	693	304	$\frac{3}{38}$	$\frac{1}{8}$	$\frac{5}{38}$	$\frac{7}{16}$	$\Phi_{304}^{4}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{16}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
27934	693	48	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{48}^{28}\ \Phi_{24}^{4}\ \Phi_{16}^{21}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
27935	693	116	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{1}{4}$	$\frac{25}{58}$	$\Phi_{116}^{8}\ \Phi_{58}\ \Phi_{29}^{7}\ \Phi_{4}^{7}\ \Phi_{1}^{7}$
27936	693	588	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{16}{49}$	$\frac{5}{12}$	$\Phi_{588}^{2}\ \Phi_{196}^{2}\ \Phi_{84}^{2}\ \Phi_{49}^{2}\ \Phi_{28}^{2}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
27937	693	204	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{204}^{2}\ \Phi_{102}^{4}\ \Phi_{68}^{4}\ \Phi_{51}^{4}\ \Phi_{34}^{5}\ \Phi_{17}^{5}\ \Phi_{12}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
27938	693	420	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}^{3}\ \Phi_{140}^{3}\ \Phi_{84}^{2}\ \Phi_{60}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{2}\ \Phi_{20}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
27939	693	336	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{112}^{3}\ \Phi_{56}^{3}\ \Phi_{48}^{2}\ \Phi_{42}^{2}\ \Phi_{28}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{16}^{3}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
27940	693	588	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{588}^{2}\ \Phi_{196}^{2}\ \Phi_{84}^{2}\ \Phi_{49}^{2}\ \Phi_{28}^{2}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
27941	693	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{60}^{12}\ \Phi_{30}^{14}\ \Phi_{20}^{12}\ \Phi_{15}^{14}\ \Phi_{12}^{6}\ \Phi_{10}^{13}\ \Phi_{6}^{7}\ \Phi_{5}^{13}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
27942	693	130	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{130}^{5}\ \Phi_{65}^{6}\ \Phi_{26}^{5}\ \Phi_{13}^{5}\ \Phi_{10}^{4}\ \Phi_{5}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
27943	693	1160	$\frac{3}{116}$	$\frac{113}{580}$	$\frac{1}{4}$	$\frac{467}{1160}$	$\Phi_{1160}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{40}\ \Phi_{29}\ \Phi_{8}\ \Phi_{1}$
27944	693	576	$\frac{1}{64}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{576}\ \Phi_{288}\ \Phi_{192}^{2}\ \Phi_{144}\ \Phi_{96}^{2}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}^{2}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
27945	693	160	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{19}{80}$	$\frac{61}{160}$	$\Phi_{160}^{7}\ \Phi_{40}^{4}\ \Phi_{32}^{7}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
27946	693	344	$\frac{5}{344}$	$\frac{1}{4}$	$\frac{113}{344}$	$\frac{3}{8}$	$\Phi_{344}^{2}\ \Phi_{172}^{2}\ \Phi_{86}^{2}\ \Phi_{43}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
27947	693	64	$\frac{1}{64}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{64}^{11}\ \Phi_{32}^{11}\ \Phi_{16}^{10}\ \Phi_{8}^{11}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
27948	693	104	$\frac{5}{104}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{104}^{7}\ \Phi_{52}^{7}\ \Phi_{26}^{7}\ \Phi_{13}^{7}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
27949	693	96	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{96}^{12}\ \Phi_{48}^{4}\ \Phi_{32}^{9}\ \Phi_{24}^{4}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
27950	693	200	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{8}{25}$	$\frac{17}{50}$	$\Phi_{200}^{4}\ \Phi_{100}^{4}\ \Phi_{50}\ \Phi_{40}^{4}\ \Phi_{25}^{3}\ \Phi_{20}^{4}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
27951	693	116	$\frac{1}{58}$	$\frac{1}{4}$	$\frac{19}{58}$	$\frac{39}{116}$	$\Phi_{116}^{5}\ \Phi_{58}^{7}\ \Phi_{29}^{7}\ \Phi_{4}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
27952	693	441	$\frac{1}{49}$	$\frac{2}{9}$	$\frac{16}{49}$	$\frac{1}{3}$	$\Phi_{441}^{2}\ \Phi_{63}^{2}\ \Phi_{49}^{2}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
27953	693	195	$\frac{2}{65}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{195}^{3}\ \Phi_{65}^{5}\ \Phi_{39}^{3}\ \Phi_{15}^{2}\ \Phi_{13}^{5}\ \Phi_{5}^{3}\ \Phi_{3}\ \Phi_{1}^{3}$
27954	693	612	$\frac{1}{34}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{612}^{2}\ \Phi_{306}\ \Phi_{153}\ \Phi_{68}^{2}\ \Phi_{36}\ \Phi_{34}\ \Phi_{17}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
27955	693	315	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{315}^{3}\ \Phi_{63}^{2}\ \Phi_{45}^{3}\ \Phi_{35}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
27956	693	1008	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{144}\ \Phi_{112}\ \Phi_{72}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
27957	693	441	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{441}^{2}\ \Phi_{63}^{2}\ \Phi_{49}^{2}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
27958	693	180	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^{6}\ \Phi_{90}^{5}\ \Phi_{60}^{2}\ \Phi_{45}^{5}\ \Phi_{36}^{3}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
27959	693	90	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{90}^{9}\ \Phi_{45}^{9}\ \Phi_{30}^{5}\ \Phi_{18}^{9}\ \Phi_{15}^{6}\ \Phi_{10}^{4}\ \Phi_{9}^{9}\ \Phi_{6}^{5}\ \Phi_{5}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
27960	693	228	$\frac{1}{38}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{37}{114}$	$\Phi_{228}^{4}\ \Phi_{114}^{5}\ \Phi_{57}^{5}\ \Phi_{12}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
27961	693	465	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{10}{31}$	$\Phi_{465}^{2}\ \Phi_{93}^{2}\ \Phi_{31}^{2}\ \Phi_{15}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
27962	693	80	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{5}{16}$	$\Phi_{80}^{8}\ \Phi_{40}^{8}\ \Phi_{20}^{8}\ \Phi_{16}^{10}\ \Phi_{10}^{10}\ \Phi_{8}^{10}\ \Phi_{5}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
27963	693	16	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{16}^{42}\ \Phi_{8}^{45}\ \Phi_{4}^{44}\ \Phi_{2}^{44}\ \Phi_{1}^{45}$
27964	693	400	$\frac{1}{16}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{5}{16}$	$\Phi_{400}^{2}\ \Phi_{200}^{2}\ \Phi_{100}^{2}\ \Phi_{50}^{2}\ \Phi_{25}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
27965	693	173	$\frac{11}{173}$	$\frac{17}{173}$	$\frac{52}{173}$	$\frac{54}{173}$	$\Phi_{173}^{4}\ \Phi_{1}^{5}$
27966	693	200	$\frac{7}{100}$	$\frac{1}{8}$	$\frac{23}{100}$	$\frac{31}{100}$	$\Phi_{200}^{4}\ \Phi_{100}^{3}\ \Phi_{50}^{3}\ \Phi_{40}^{4}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
27967	693	173	$\frac{14}{173}$	$\frac{19}{173}$	$\frac{40}{173}$	$\frac{53}{173}$	$\Phi_{173}^{4}\ \Phi_{1}^{5}$
27968	693	232	$\frac{19}{232}$	$\frac{23}{232}$	$\frac{1}{4}$	$\frac{71}{232}$	$\Phi_{232}^{3}\ \Phi_{116}^{3}\ \Phi_{58}^{3}\ \Phi_{29}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
27969	693	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{60}^{12}\ \Phi_{30}^{12}\ \Phi_{20}^{8}\ \Phi_{15}^{12}\ \Phi_{12}^{15}\ \Phi_{10}^{10}\ \Phi_{6}^{15}\ \Phi_{5}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{15}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
27970	693	40	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{40}^{17}\ \Phi_{20}^{17}\ \Phi_{10}^{19}\ \Phi_{8}^{16}\ \Phi_{5}^{19}\ \Phi_{4}^{16}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
27971	693	192	$\frac{1}{12}$	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{192}^{4}\ \Phi_{96}^{4}\ \Phi_{64}^{3}\ \Phi_{48}^{4}\ \Phi_{32}^{3}\ \Phi_{24}^{4}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
27972	693	173	$\frac{12}{173}$	$\frac{23}{173}$	$\frac{41}{173}$	$\frac{50}{173}$	$\Phi_{173}^{4}\ \Phi_{1}^{5}$
27973	693	232	$\frac{15}{232}$	$\frac{31}{232}$	$\frac{1}{4}$	$\frac{67}{232}$	$\Phi_{232}^{3}\ \Phi_{116}^{3}\ \Phi_{58}^{3}\ \Phi_{29}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
27974	693	540	$\frac{1}{10}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{135}^{2}\ \Phi_{108}\ \Phi_{54}\ \Phi_{30}^{2}\ \Phi_{27}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
27975	693	90	$\frac{1}{10}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{90}^{7}\ \Phi_{45}^{7}\ \Phi_{30}^{9}\ \Phi_{18}^{8}\ \Phi_{15}^{9}\ \Phi_{10}^{8}\ \Phi_{9}^{8}\ \Phi_{6}^{9}\ \Phi_{5}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
27976	693	660	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{660}^{2}\ \Phi_{330}\ \Phi_{165}\ \Phi_{132}^{2}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{22}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
27977	693	465	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{465}^{2}\ \Phi_{93}^{2}\ \Phi_{31}^{2}\ \Phi_{15}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
27978	693	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{120}^{9}\ \Phi_{60}^{9}\ \Phi_{40}^{2}\ \Phi_{30}^{4}\ \Phi_{24}^{9}\ \Phi_{20}^{2}\ \Phi_{15}^{5}\ \Phi_{12}^{9}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^{5}\ \Phi_{1}$
27979	693	80	$\frac{3}{80}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{80}^{9}\ \Phi_{40}^{9}\ \Phi_{20}^{9}\ \Phi_{16}^{9}\ \Phi_{10}^{9}\ \Phi_{8}^{9}\ \Phi_{5}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
27980	693	304	$\frac{3}{76}$	$\frac{73}{304}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{304}^{3}\ \Phi_{152}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
27981	693	380	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{380}^{2}\ \Phi_{190}^{2}\ \Phi_{95}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
27982	693	76	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{76}^{8}\ \Phi_{38}^{10}\ \Phi_{19}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
27983	693	24	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{24}^{36}\ \Phi_{12}^{27}\ \Phi_{8}^{27}\ \Phi_{6}^{27}\ \Phi_{4}^{20}\ \Phi_{3}^{27}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
27984	693	128	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{29}{128}$	$\frac{1}{4}$	$\Phi_{128}^{7}\ \Phi_{64}^{7}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
27985	693	256	$\frac{25}{256}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{256}^{3}\ \Phi_{128}^{3}\ \Phi_{64}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
27986	693	240	$\frac{1}{12}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{240}^{4}\ \Phi_{120}^{4}\ \Phi_{80}^{3}\ \Phi_{48}^{4}\ \Phi_{40}^{3}\ \Phi_{24}^{4}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
27987	693	300	$\frac{1}{12}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{300}^{3}\ \Phi_{150}^{3}\ \Phi_{100}^{2}\ \Phi_{75}^{3}\ \Phi_{50}^{2}\ \Phi_{25}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
27988	693	112	$\frac{13}{112}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{112}^{7}\ \Phi_{56}^{7}\ \Phi_{28}^{7}\ \Phi_{14}^{7}\ \Phi_{8}^{3}\ \Phi_{7}^{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
27989	693	40	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{40}^{21}\ \Phi_{20}^{21}\ \Phi_{10}^{21}\ \Phi_{8}^{3}\ \Phi_{5}^{21}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
27990	693	480	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{480}^{2}\ \Phi_{240}^{2}\ \Phi_{160}^{2}\ \Phi_{96}\ \Phi_{80}^{2}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}^{2}\ \Phi_{16}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
27991	693	200	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{7}{40}$	$\frac{1}{5}$	$\Phi_{200}^{4}\ \Phi_{100}^{4}\ \Phi_{50}^{4}\ \Phi_{40}\ \Phi_{25}^{5}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
27992	694	690	$\frac{2}{345}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{343}{690}$	$\Phi_{690}^{2}\ \Phi_{230}^{2}\ \Phi_{138}^{2}\ \Phi_{46}^{2}\ \Phi_{30}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
27993	694	1392	$\frac{1}{116}$	$\frac{117}{464}$	$\frac{1}{3}$	$\frac{115}{232}$	$\Phi_{1392}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
27994	694	2064	$\frac{3}{344}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{341}{688}$	$\Phi_{2064}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
27995	694	594	$\frac{1}{99}$	$\frac{50}{297}$	$\frac{247}{594}$	$\frac{49}{99}$	$\Phi_{594}^{2}\ \Phi_{198}^{2}\ \Phi_{99}\ \Phi_{66}^{2}\ \Phi_{54}^{2}\ \Phi_{33}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
27996	694	686	$\frac{4}{343}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{339}{686}$	$\Phi_{686}^{2}\ \Phi_{98}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
27997	694	616	$\frac{1}{77}$	$\frac{39}{308}$	$\frac{269}{616}$	$\frac{38}{77}$	$\Phi_{616}^{2}\ \Phi_{88}^{2}\ \Phi_{77}\ \Phi_{56}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
27998	694	462	$\frac{1}{77}$	$\frac{115}{462}$	$\frac{39}{154}$	$\frac{38}{77}$	$\Phi_{462}^{2}\ \Phi_{231}^{2}\ \Phi_{77}\ \Phi_{66}^{2}\ \Phi_{42}^{2}\ \Phi_{33}^{2}\ \Phi_{21}^{2}\ \Phi_{11}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
27999	694	684	$\frac{5}{342}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{337}{684}$	$\Phi_{684}^{2}\ \Phi_{228}^{2}\ \Phi_{76}^{2}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
28000	694	684	$\frac{5}{342}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{337}{684}$	$\Phi_{684}^{2}\ \Phi_{228}^{2}\ \Phi_{76}^{2}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
28001	694	630	$\frac{1}{63}$	$\frac{32}{315}$	$\frac{283}{630}$	$\frac{31}{63}$	$\Phi_{630}^{2}\ \Phi_{210}^{2}\ \Phi_{126}^{2}\ \Phi_{90}^{2}\ \Phi_{70}^{2}\ \Phi_{63}\ \Phi_{42}^{2}\ \Phi_{30}^{2}\ \Phi_{21}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
28002	694	682	$\frac{6}{341}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{335}{682}$	$\Phi_{682}^{2}\ \Phi_{62}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
28003	694	675	$\frac{19}{675}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{328}{675}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}\ \Phi_{45}\ \Phi_{27}^{2}\ \Phi_{25}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
28004	694	660	$\frac{1}{33}$	$\frac{17}{330}$	$\frac{313}{660}$	$\frac{16}{33}$	$\Phi_{660}^{2}\ \Phi_{220}^{2}\ \Phi_{132}^{2}\ \Phi_{60}^{2}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
28005	694	495	$\frac{1}{33}$	$\frac{17}{165}$	$\frac{148}{495}$	$\frac{16}{33}$	$\Phi_{495}^2\ \Phi_{99}^2\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
28006	694	396	$\frac{1}{33}$	$\frac{49}{396}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
28007	694	672	$\frac{11}{336}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{325}{672}$	$\Phi_{672}^2\ \Phi_{224}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
28008	694	672	$\frac{11}{336}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{325}{672}$	$\Phi_{672}^2\ \Phi_{224}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28009	694	672	$\frac{11}{336}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{325}{672}$	$\Phi_{672}^2\ \Phi_{224}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
28010	694	468	$\frac{4}{117}$	$\frac{1}{9}$	$\frac{121}{468}$	$\frac{113}{234}$	$\Phi_{468}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{36}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
28011	694	420	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{73}{420}$	$\frac{67}{140}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
28012	694	665	$\frac{29}{665}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{318}{665}$	$\Phi_{665}\ \Phi_{133}\ \Phi_{95}\ \Phi_{35}^2\ \Phi_{19}\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
28013	694	504	$\frac{1}{21}$	$\frac{11}{168}$	$\frac{157}{504}$	$\frac{10}{21}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
28014	694	378	$\frac{1}{21}$	$\frac{31}{378}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
28015	694	420	$\frac{1}{21}$	$\frac{11}{84}$	$\frac{73}{420}$	$\frac{10}{21}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
28016	694	660	$\frac{17}{330}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{313}{660}$	$\Phi_{660}^2\ \Phi_{220}^2\ \Phi_{132}^2\ \Phi_{60}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
28017	694	648	$\frac{23}{324}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{301}{648}$	$\Phi_{648}^2\ \Phi_{216}^2\ \Phi_{72}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
28018	694	360	$\frac{13}{360}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28019	694	1914	$\frac{1}{29}$	$\frac{28}{319}$	$\frac{1}{3}$	$\frac{291}{638}$	$\Phi_{1914}\ \Phi_{174}\ \Phi_{87}\ \Phi_{66}\ \Phi_6$
28020	694	630	$\frac{3}{35}$	$\frac{32}{315}$	$\frac{1}{7}$	$\frac{283}{630}$	$\Phi_{630}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
28021	694	513	$\frac{5}{171}$	$\frac{1}{9}$	$\frac{166}{513}$	$\frac{4}{9}$	$\Phi_{513}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
28022	694	360	$\frac{13}{360}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
28023	694	616	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{308}$	$\frac{269}{616}$	$\Phi_{616}^2\ \Phi_{88}^2\ \Phi_{56}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
28024	694	609	$\frac{2}{87}$	$\frac{85}{609}$	$\frac{1}{3}$	$\frac{262}{609}$	$\Phi_{609}\ \Phi_{203}\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
28025	694	392	$\frac{4}{49}$	$\frac{45}{392}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{392}^2\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
28026	694	378	$\frac{31}{378}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
28027	694	585	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{109}{585}$	$\frac{238}{585}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{117}^2\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
28028	694	1740	$\frac{1}{58}$	$\frac{57}{290}$	$\frac{1}{3}$	$\frac{233}{580}$	$\Phi_{1740}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{60}\ \Phi_{12}\ \Phi_6$
28029	694	364	$\frac{17}{364}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{364}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
28030	694	567	$\frac{1}{63}$	$\frac{127}{567}$	$\frac{62}{189}$	$\frac{220}{567}$	$\Phi_{567}\ \Phi_{189}^2\ \Phi_{81}\ \Phi_{63}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
28031	694	560	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{67}{280}$	$\frac{213}{560}$	$\Phi_{560}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
28032	694	504	$\frac{1}{63}$	$\frac{31}{126}$	$\frac{157}{504}$	$\frac{95}{252}$	$\Phi_{504}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28033	694	1056	$\frac{5}{352}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
28034	694	528	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{83}{264}$	$\frac{181}{528}$	$\Phi_{528}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
28035	694	525	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{169}{525}$	$\frac{178}{525}$	$\Phi_{525}\ \Phi_{175}^2\ \Phi_{105}\ \Phi_{75}\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
28036	694	522	$\frac{1}{87}$	$\frac{86}{261}$	$\frac{1}{3}$	$\frac{175}{522}$	$\Phi_{522}^2\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28037	694	414	$\frac{2}{69}$	$\frac{67}{414}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{414}^2\ \Phi_{207}^2\ \Phi_{138}^2\ \Phi_{46}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28038	694	360	$\frac{13}{360}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28039	694	516	$\frac{3}{172}$	$\frac{1}{4}$	$\frac{169}{516}$	$\frac{1}{3}$	$\Phi_{516}\ \Phi_{258}\ \Phi_{172}^2\ \Phi_{129}\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
28040	694	504	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{157}{504}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28041	694	360	$\frac{13}{360}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28042	694	456	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{109}{456}$	$\frac{1}{3}$	$\Phi_{456}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28043	694	384	$\frac{1}{12}$	$\frac{37}{384}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28044	694	420	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{420}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28045	694	504	$\frac{11}{168}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{157}{504}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
28046	694	420	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{73}{420}$	$\frac{32}{105}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
28047	694	405	$\frac{1}{9}$	$\frac{19}{135}$	$\frac{58}{405}$	$\frac{8}{27}$	$\Phi_{405}^2\ \Phi_{135}\ \Phi_{81}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
28048	694	486	$\frac{1}{9}$	$\frac{23}{162}$	$\frac{4}{27}$	$\frac{139}{486}$	$\Phi_{486}^2\ \Phi_{243}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
28049	694	405	$\frac{1}{9}$	$\frac{58}{405}$	$\frac{4}{27}$	$\frac{23}{81}$	$\Phi_{405}^2\ \Phi_{135}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
28050	694	378	$\frac{31}{378}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
28051	694	396	$\frac{1}{11}$	$\frac{49}{396}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
28052	694	440	$\frac{1}{11}$	$\frac{17}{110}$	$\frac{93}{440}$	$\frac{5}{22}$	$\Phi_{440}^2\ \Phi_{220}^2\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
28053	694	448	$\frac{11}{112}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{101}{448}$	$\Phi_{448}^2\ \Phi_{224}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
28054	694	392	$\frac{45}{392}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{392}^2\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
28055	694	420	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{73}{420}$	$\frac{3}{14}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
28056	694	432	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{85}{432}$	$\frac{23}{108}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
28057	695	552	$\frac{1}{138}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{137}{276}$	$\Phi_{552}^2\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{92}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
28058	695	816	$\frac{3}{136}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{133}{272}$	$\Phi_{816}^2\ \Phi_{272}\ \Phi_{48}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
28059	695	270	$\frac{4}{135}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{131}{270}$	$\Phi_{270}^2\ \Phi_{135}^3\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{30}^3\ \Phi_{27}^3\ \Phi_{18}^2\ \Phi_{15}^4\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^2\ \Phi_5^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
28060	695	168	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{29}{168}$	$\frac{27}{56}$	$\Phi_{168}^3\ \Phi_{84}^5\ \Phi_{56}^4\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{24}^3\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_8^4\ \Phi_7^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
28061	695	798	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{127}{266}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{133}\ \Phi_{114}\ \Phi_{57}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{19}\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
28062	695	480	$\frac{1}{20}$	$\frac{21}{160}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}\ \Phi_{96}^2\ \Phi_{80}\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
28063	695	780	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{121}{260}$	$\Phi_{780}^2\ \Phi_{260}\ \Phi_{156}^2\ \Phi_{60}^2\ \Phi_{52}\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
28064	695	252	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{113}{252}$	$\Phi_{252}^5\ \Phi_{84}^5\ \Phi_{42}^2\ \Phi_{36}^5\ \Phi_{28}^5\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^5\ \Phi_7\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
28065	695	240	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{101}{240}$	$\Phi_{240}^5\ \Phi_{80}^5\ \Phi_{60}^2\ \Phi_{48}^5\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{16}^5\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
28066	695	672	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{27}{112}$	$\frac{85}{224}$	$\Phi_{672}^2\ \Phi_{224}\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
28067	695	1128	$\frac{2}{141}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1128}\ \Phi_{376}\ \Phi_{141}\ \Phi_{47}\ \Phi_8\ \Phi_1$
28068	695	1656	$\frac{1}{69}$	$\frac{1}{4}$	$\frac{68}{207}$	$\frac{3}{8}$	$\Phi_{1656}\ \Phi_{207}\ \Phi_{72}\ \Phi_9\ \Phi_8\ \Phi_1$
28069	695	184	$\frac{1}{46}$	$\frac{45}{184}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{184}^3\ \Phi_{92}^5\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
28070	695	144	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{144}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{24}^3\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
28071	695	1288	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1288}\ \Phi_{161}\ \Phi_{56}\ \Phi_8\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
28072	695	210	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{34}{105}$	$\frac{71}{210}$	$\Phi_{210}^3\ \Phi_{105}^4\ \Phi_{70}^3\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_7^3\ \Phi_6^2\ \Phi_5^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
28073	695	153	$\frac{14}{153}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{153}^5\ \Phi_{51}^3\ \Phi_{17}^5\ \Phi_9^5\ \Phi_3^2\ \Phi_1^5$
28074	695	204	$\frac{3}{68}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{65}{204}$	$\Phi_{204}^3\ \Phi_{102}^3\ \Phi_{68}^4\ \Phi_{51}^3\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
28075	695	180	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{41}{180}$	$\frac{19}{60}$	$\Phi_{180}^5\ \Phi_{90}^5\ \Phi_{60}^2\ \Phi_{45}^5\ \Phi_{36}^5\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{18}^5\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9^5\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
28076	695	168	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{29}{168}$	$\frac{13}{42}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{42}^2\ \Phi_{28}^5\ \Phi_{24}^5\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^5\ \Phi_8^5\ \Phi_7\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
28077	695	150	$\frac{11}{150}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{150}^5\ \Phi_{75}^5\ \Phi_{50}^5\ \Phi_{30}^3\ \Phi_{25}^5\ \Phi_{15}^4\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
28078	695	180	$\frac{4}{45}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{41}{180}$	$\Phi_{180}^5\ \Phi_{90}^2\ \Phi_{60}^5\ \Phi_{45}^3\ \Phi_{36}^5\ \Phi_{30}^3\ \Phi_{20}^5\ \Phi_{18}^2\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^5\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
28079	696	519	$\frac{1}{173}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{86}{173}$	$\Phi_{519}\ \Phi_{173}^2\ \Phi_3^2\ \Phi_1^4$
28080	696	139	$\frac{1}{139}$	$\frac{35}{139}$	$\frac{52}{139}$	$\frac{69}{139}$	$\Phi_{139}^5\ \Phi_1^6$
28081	696	1047	$\frac{3}{349}$	$\frac{88}{349}$	$\frac{1}{3}$	$\frac{173}{349}$	Φ_{1047}
28082	696	115	$\frac{1}{115}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{57}{115}$	$\Phi_{115}^6\ \Phi_{23}^6\ \Phi_5^7\ \Phi_1^8$
28083	696	1380	$\frac{1}{115}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{57}{115}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{276}\ \Phi_{138}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
28084	696	695	$\frac{7}{695}$	$\frac{117}{695}$	$\frac{289}{695}$	$\frac{344}{695}$	$\Phi_{695}\ \Phi_{139}\ \Phi_5\ \Phi_1^2$
28085	696	1204	$\frac{1}{86}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{85}{172}$	$\Phi_{1204}\ \Phi_{172}^2\ \Phi_{28}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
28086	696	2580	$\frac{1}{86}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{85}{172}$	$\Phi_{2580}\ \Phi_{60}\ \Phi_{15}$
28087	696	932	$\frac{3}{233}$	$\frac{1}{4}$	$\frac{59}{233}$	$\frac{115}{233}$	$\Phi_{932}\ \Phi_{466}$
28088	696	695	$\frac{9}{695}$	$\frac{173}{695}$	$\frac{176}{695}$	$\frac{343}{695}$	$\Phi_{695}\ \Phi_{139}\ \Phi_5\ \Phi_1^2$
28089	696	1047	$\frac{5}{349}$	$\frac{59}{349}$	$\frac{1}{3}$	$\frac{172}{349}$	Φ_{1047}
28090	696	627	$\frac{1}{57}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{28}{57}$	$\Phi_{627}\ \Phi_{209}\ \Phi_{57}^2\ \Phi_{33}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
28091	696	399	$\frac{1}{57}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{28}{57}$	$\Phi_{399}^2\ \Phi_{133}^2\ \Phi_{21}^3\ \Phi_7^2$
28092	696	627	$\frac{1}{57}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{28}{57}$	$\Phi_{627}\ \Phi_{209}\ \Phi_{57}^2\ \Phi_{33}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
28093	696	1140	$\frac{1}{57}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{28}{57}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{190}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
28094	696	695	$\frac{13}{695}$	$\frac{59}{695}$	$\frac{318}{695}$	$\frac{341}{695}$	$\Phi_{695}\ \Phi_{139}\ \Phi_5\ \Phi_1^2$
28095	696	170	$\frac{2}{85}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{83}{170}$	$\Phi_{170}^8\ \Phi_{34}^8\ \Phi_{10}^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
28096	696	695	$\frac{17}{695}$	$\frac{89}{695}$	$\frac{202}{695}$	$\frac{339}{695}$	$\Phi_{695}\ \Phi_{139}\ \Phi_5\ \Phi_1^2$
28097	696	273	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{10}{39}$	$\frac{19}{39}$	$\Phi_{273}^3\ \Phi_{91}^3\ \Phi_{21}^3\ \Phi_7^2$
28098	696	695	$\frac{19}{695}$	$\frac{119}{695}$	$\frac{144}{695}$	$\frac{338}{695}$	$\Phi_{695}\ \Phi_{139}\ \Phi_5\ \Phi_1^2$
28099	696	35	$\frac{1}{35}$	$\frac{6}{35}$	$\frac{1}{5}$	$\frac{17}{35}$	$\Phi_{35}^{20}\ \Phi_7^{20}\ \Phi_5^{19}\ \Phi_1^{20}$
28100	696	932	$\frac{7}{233}$	$\frac{30}{233}$	$\frac{1}{4}$	$\frac{113}{233}$	$\Phi_{932}\ \Phi_{466}$
28101	696	695	$\frac{21}{695}$	$\frac{86}{695}$	$\frac{179}{695}$	$\frac{337}{695}$	$\Phi_{695}\ \Phi_{139}\ \Phi_5\ \Phi_1^2$
28102	696	225	$\frac{7}{225}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{109}{225}$	$\Phi_{225}^3\ \Phi_{75}^3\ \Phi_{45}^3\ \Phi_{25}^4\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
28103	696	1047	$\frac{11}{349}$	$\frac{30}{349}$	$\frac{1}{3}$	$\frac{169}{349}$	Φ_{1047}
28104	696	1288	$\frac{1}{28}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{27}{56}$	$\Phi_{1288}\ \Phi_{184}\ \Phi_{56}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_1^2$
28105	696	2184	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{2184}\ \Phi_{312}\ \Phi_{39}$
28106	696	1288	$\frac{1}{28}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{27}{56}$	$\Phi_{1288}\ \Phi_{184}\ \Phi_{56}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_1^2$
28107	696	504	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{504}^3\ \Phi_{168}^3\ \Phi_{72}^3\ \Phi_{36}\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
28108	696	1288	$\frac{1}{28}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{27}{56}$	$\Phi_{1288}\ \Phi_{184}\ \Phi_{56}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_1^2$
28109	696	280	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{27}{56}$	$\Phi_{280}^6\ \Phi_{40}^6\ \Phi_{35}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
28110	696	139	$\frac{5}{139}$	$\frac{23}{139}$	$\frac{24}{139}$	$\frac{67}{139}$	$\Phi_{139}^{5}\ \Phi_{1}^{6}$
28111	696	100	$\frac{1}{25}$	$\frac{13}{100}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{100}^{8}\ \Phi_{50}^{8}\ \Phi_{25}^{4}\ \Phi_{20}^{8}\ \Phi_{10}^{8}\ \Phi_{5}^{3}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
28112	696	966	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{11}{23}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{138}\ \Phi_{69}\ \Phi_{42}^{2}\ \Phi_{23}\ \Phi_{21}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
28113	696	736	$\frac{1}{23}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{736}\ \Phi_{368}\ \Phi_{184}\ \Phi_{32}^{2}\ \Phi_{23}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
28114	696	805	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{11}{23}$	$\Phi_{805}\ \Phi_{115}\ \Phi_{35}^{2}\ \Phi_{23}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
28115	696	665	$\frac{31}{665}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{317}{665}$	$\Phi_{665}\ \Phi_{133}\ \Phi_{95}\ \Phi_{35}^{2}\ \Phi_{19}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
28116	696	325	$\frac{23}{325}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{151}{325}$	$\Phi_{325}^{2}\ \Phi_{65}^{2}\ \Phi_{25}^{4}\ \Phi_{13}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
28117	696	1350	$\frac{1}{25}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1350}\ \Phi_{450}\ \Phi_{270}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
28118	696	378	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{25}{54}$	$\Phi_{378}^{4}\ \Phi_{126}^{4}\ \Phi_{63}\ \Phi_{42}^{4}\ \Phi_{21}\ \Phi_{14}^{4}$
28119	696	455	$\frac{1}{13}$	$\frac{7}{65}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{455}^{2}\ \Phi_{91}\ \Phi_{35}^{2}$
28120	696	1440	$\frac{7}{80}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{73}{160}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
28121	696	330	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{330}^{2}\ \Phi_{165}^{2}\ \Phi_{110}^{2}\ \Phi_{66}^{2}\ \Phi_{55}^{2}\ \Phi_{33}\ \Phi_{30}^{4}\ \Phi_{22}^{2}\ \Phi_{15}^{4}\ \Phi_{11}^{2}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
28122	696	418	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{9}{38}$	$\frac{5}{11}$	$\Phi_{418}^{2}\ \Phi_{209}\ \Phi_{38}^{4}\ \Phi_{22}^{2}\ \Phi_{19}^{2}\ \Phi_{11}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
28123	696	200	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{200}^{5}\ \Phi_{50}^{5}\ \Phi_{40}^{4}\ \Phi_{25}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
28124	696	105	$\frac{2}{35}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{47}{105}$	$\Phi_{105}^{6}\ \Phi_{35}^{8}\ \Phi_{21}^{6}\ \Phi_{15}^{6}\ \Phi_{7}^{8}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
28125	696	63	$\frac{5}{63}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{63}^{11}\ \Phi_{21}^{11}\ \Phi_{9}^{12}\ \Phi_{7}^{10}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
28126	696	364	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{7}$	$\frac{23}{52}$	$\Phi_{364}^{4}\ \Phi_{91}\ \Phi_{28}^{4}$
28127	696	150	$\frac{1}{30}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{150}^{5}\ \Phi_{75}^{5}\ \Phi_{50}^{5}\ \Phi_{30}^{4}\ \Phi_{25}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
28128	696	288	$\frac{3}{32}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{288}^{3}\ \Phi_{144}^{2}\ \Phi_{96}^{3}\ \Phi_{72}^{3}\ \Phi_{48}^{2}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
28129	696	1386	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{10}{77}$	$\frac{67}{154}$	$\Phi_{1386}\ \Phi_{462}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{18}\ \Phi_{6}$
28130	696	301	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{14}{43}$	$\frac{3}{7}$	$\Phi_{301}^{2}\ \Phi_{43}^{4}\ \Phi_{7}^{3}\ \Phi_{1}^{6}$
28131	696	420	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{420}^{2}\ \Phi_{210}\ \Phi_{140}^{2}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{70}\ \Phi_{60}^{4}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^{4}\ \Phi_{15}^{2}\ \Phi_{12}^{4}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
28132	696	455	$\frac{4}{91}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{455}^{2}\ \Phi_{65}^{2}\ \Phi_{35}$
28133	696	50	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{50}^{24}\ \Phi_{25}^{4}\ \Phi_{10}^{24}\ \Phi_{5}^{3}\ \Phi_{2}^{24}\ \Phi_{1}^{4}$
28134	696	695	$\frac{17}{695}$	$\frac{113}{695}$	$\frac{202}{695}$	$\frac{291}{695}$	$\Phi_{695}\ \Phi_{139}\ \Phi_{5}\ \Phi_{1}^{2}$
28135	696	1047	$\frac{7}{349}$	$\frac{57}{349}$	$\frac{1}{3}$	$\frac{146}{349}$	Φ_{1047}
28136	696	900	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
28137	696	695	$\frac{14}{695}$	$\frac{117}{695}$	$\frac{227}{695}$	$\frac{289}{695}$	$\Phi_{695}\ \Phi_{139}\ \Phi_{5}\ \Phi_{1}^{2}$
28138	696	885	$\frac{1}{59}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{885}\ \Phi_{177}^{2}$
28139	696	115	$\frac{3}{115}$	$\frac{1}{5}$	$\frac{28}{115}$	$\frac{2}{5}$	$\Phi_{115}^{6}\ \Phi_{23}^{6}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
28140	696	30	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{30}^{24}\ \Phi_{15}^{24}\ \Phi_{10}^{24}\ \Phi_{6}^{24}\ \Phi_{5}^{19}\ \Phi_{3}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{20}$
28141	696	345	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{345}^{2}\ \Phi_{115}\ \Phi_{69}^{4}\ \Phi_{23}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
28142	696	1200	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{150}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
28143	696	767	$\frac{1}{59}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{767}
28144	696	140	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{17}{70}$	$\frac{53}{140}$	$\Phi_{140}^{8}\ \Phi_{35}^{4}\ \Phi_{28}^{8}\ \Phi_{20}^{8}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{8}\ \Phi_{1}^{4}$
28145	696	695	$\frac{19}{695}$	$\frac{144}{695}$	$\frac{169}{695}$	$\frac{263}{695}$	$\Phi_{695}\ \Phi_{139}\ \Phi_{5}\ \Phi_{1}^{2}$
28146	696	932	$\frac{5}{233}$	$\frac{57}{233}$	$\frac{1}{4}$	$\frac{88}{233}$	$\Phi_{932}\ \Phi_{466}$
28147	696	139	$\frac{3}{139}$	$\frac{34}{139}$	$\frac{35}{139}$	$\frac{52}{139}$	$\Phi_{139}^{5}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
28148	696	150	$\frac{1}{30}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{150}^{5}\ \Phi_{75}^{5}\ \Phi_{50}^{5}\ \Phi_{30}^{4}\ \Phi_{25}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
28149	696	396	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{396}^{3}\ \Phi_{198}\ \Phi_{132}^{3}\ \Phi_{99}\ \Phi_{66}\ \Phi_{36}^{3}\ \Phi_{33}\ \Phi_{18}\ \Phi_{12}^{3}\ \Phi_{6}$
28150	696	139	$\frac{4}{139}$	$\frac{23}{139}$	$\frac{45}{139}$	$\frac{47}{139}$	$\Phi_{139}^{5}\ \Phi_{1}^{6}$
28151	696	175	$\frac{4}{175}$	$\frac{1}{5}$	$\frac{57}{175}$	$\frac{59}{175}$	$\Phi_{175}^{4}\ \Phi_{35}^{4}\ \Phi_{25}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
28152	696	695	$\frac{8}{695}$	$\frac{229}{695}$	$\frac{231}{695}$	$\frac{233}{695}$	$\Phi_{695}\ \Phi_{139}\ \Phi_{5}\ \Phi_{1}^{2}$
28153	696	1047	$\frac{4}{349}$	$\frac{115}{349}$	$\frac{1}{3}$	$\frac{117}{349}$	Φ_{1047}
28154	696	264	$\frac{1}{88}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{264}^{3}\ \Phi_{132}^{3}\ \Phi_{88}^{2}\ \Phi_{66}^{3}\ \Phi_{44}^{2}\ \Phi_{33}^{3}\ \Phi_{24}^{3}\ \Phi_{22}^{2}\ \Phi_{12}^{3}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
28155	696	519	$\frac{2}{173}$	$\frac{57}{173}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{519}\ \Phi_{173}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
28156	696	708	$\frac{1}{59}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{708}\ \Phi_{354}\ \Phi_{236}^{2}\ \Phi_{118}^{2}$
28157	696	519	$\frac{5}{173}$	$\frac{28}{173}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{519}\ \Phi_{173}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
28158	696	210	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^{4}\ \Phi_{105}^{4}\ \Phi_{70}^{4}\ \Phi_{42}^{4}\ \Phi_{35}^{4}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{2}$
28159	696	645	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{14}{43}$	$\frac{1}{3}$	$\Phi_{645}^{2}\ \Phi_{15}^{3}$
28160	696	1047	$\frac{10}{349}$	$\frac{59}{349}$	$\frac{113}{349}$	$\frac{1}{3}$	Φ_{1047}
28161	696	1197	$\frac{2}{57}$	$\frac{1}{7}$	$\frac{55}{171}$	$\frac{1}{3}$	$\Phi_{1197}\ \Phi_{63}\ \Phi_{21}$
28162	696	546	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{546}\ \Phi_{273}\ \Phi_{182}^{2}\ \Phi_{91}^{2}\ \Phi_{78}\ \Phi_{39}^{2}\ \Phi_{26}^{2}\ \Phi_{13}^{2}$
28163	696	330	$\frac{1}{30}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{330}^{2}\ \Phi_{165}^{2}\ \Phi_{110}^{2}\ \Phi_{66}^{2}\ \Phi_{55}^{2}\ \Phi_{33}\ \Phi_{30}^{4}\ \Phi_{22}^{2}\ \Phi_{15}^{4}\ \Phi_{11}^{2}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
28164	696	1047	$\frac{9}{349}$	$\frac{85}{349}$	$\frac{88}{349}$	$\frac{1}{3}$	Φ_{1047}
28165	696	1380	$\frac{3}{115}$	$\frac{28}{115}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{276}\ \Phi_{138}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
28166	696	60	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^{15}\ \Phi_{30}^{7}\ \Phi_{20}^{16}\ \Phi_{15}^{8}\ \Phi_{12}^{16}\ \Phi_{10}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{16}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
28167	696	276	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{276}^{3}\ \Phi_{138}^{3}\ \Phi_{92}^{4}\ \Phi_{46}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
28168	696	1248	$\frac{1}{13}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{39}$
28169	696	798	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{9}{38}$	$\frac{1}{3}$	$\Phi_{798}^{2}\ \Phi_{399}\ \Phi_{42}^{2}\ \Phi_{21}^{2}$
28170	696	900	$\frac{1}{25}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
28171	696	1365	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{195}\ \Phi_{39}$
28172	696	75	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{17}{75}$	$\frac{8}{25}$	$\Phi_{75}^{12}\ \Phi_{25}^{4}\ \Phi_{15}^{12}\ \Phi_{5}^{3}\ \Phi_{3}^{12}\ \Phi_{1}^{4}$
28173	696	85	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{27}{85}$	$\Phi_{85}^{8}\ \Phi_{17}^{8}\ \Phi_{5}^{11}\ \Phi_{1}^{12}$
28174	696	35	$\frac{2}{35}$	$\frac{6}{35}$	$\frac{1}{5}$	$\frac{11}{35}$	$\Phi_{35}^{20}\ \Phi_{7}^{20}\ \Phi_{5}^{19}\ \Phi_{1}^{20}$
28175	696	966	$\frac{1}{14}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{13}{42}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{138}\ \Phi_{69}\ \Phi_{42}^{2}\ \Phi_{23}\ \Phi_{21}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
28176	696	252	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{252}^{4}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{63}^{2}\ \Phi_{42}\ \Phi_{36}^{5}\ \Phi_{28}^{4}\ \Phi_{21}\ \Phi_{18}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
28177	696	966	$\frac{1}{14}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{13}{42}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{138}\ \Phi_{69}\ \Phi_{42}^{2}\ \Phi_{23}\ \Phi_{21}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
28178	696	210	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{210}^{6}\ \Phi_{105}^{6}\ \Phi_{35}\ \Phi_{30}^{6}\ \Phi_{15}^{6}$
28179	696	736	$\frac{2}{23}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{736}\ \Phi_{368}\ \Phi_{184}\ \Phi_{32}^{2}\ \Phi_{23}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
28180	696	805	$\frac{2}{23}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{7}{23}$	$\Phi_{805}\ \Phi_{115}\ \Phi_{35}^{2}\ \Phi_{23}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
28181	696	945	$\frac{1}{9}$	$\frac{19}{135}$	$\frac{1}{7}$	$\frac{8}{27}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{105}\ \Phi_{63}\ \Phi_{35}\ \Phi_{21}$
28182	696	315	$\frac{5}{63}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{315}^{3}\ \Phi_{105}^{3}\ \Phi_{45}^{3}\ \Phi_{35}\ \Phi_{15}^{3}$
28183	696	567	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{27}$	$\frac{23}{81}$	$\Phi_{567}^{2}\ \Phi_{63}\ \Phi_{21}$
28184	696	125	$\frac{9}{125}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{125}^{6}\ \Phi_{25}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
28185	696	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^3\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
28186	696	418	$\frac{1}{19}$	$\frac{2}{11}$	$\frac{9}{38}$	$\frac{3}{11}$	$\Phi_{418}^2\ \Phi_{209}\ \Phi_{38}^4\ \Phi_{22}^2\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_2^4\ \Phi_1^4$
28187	696	273	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{13}$	$\frac{10}{39}$	$\Phi_{273}^4\ \Phi_{91}\ \Phi_{21}^4$
28188	696	288	$\frac{3}{32}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
28189	696	380	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{9}{38}$	$\frac{1}{4}$	$\Phi_{380}^3\ \Phi_{190}\ \Phi_{95}^2\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2$
28190	696	1008	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
28191	696	736	$\frac{3}{32}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{736}\ \Phi_{368}\ \Phi_{184}\ \Phi_{32}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
28192	696	1120	$\frac{3}{32}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{35}$
28193	696	1260	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{210}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
28194	696	75	$\frac{7}{75}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{17}{75}$	$\Phi_{75}^9\ \Phi_{25}^{10}\ \Phi_{15}^9\ \Phi_5^9\ \Phi_3^9\ \Phi_1^{10}$
28195	696	560	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{25}{112}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{35}$
28196	696	252	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{7}{36}$	$\frac{2}{9}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{63}\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{14}^4$
28197	696	805	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{5}{23}$	$\Phi_{805}\ \Phi_{115}\ \Phi_{35}^2\ \Phi_{23}\ \Phi_5^2\ \Phi_1^2$
28198	696	490	$\frac{11}{98}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{490}^2\ \Phi_{245}^2\ \Phi_{35}$
28199	696	35	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{35}^{19}\ \Phi_7^{24}\ \Phi_5^{18}\ \Phi_1^{24}$
28200	697	1376	$\frac{9}{688}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{679}{1376}$	$\Phi_{1376}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
28201	697	1368	$\frac{13}{684}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{671}{1368}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{152}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
28202	697	936	$\frac{5}{234}$	$\frac{1}{6}$	$\frac{239}{936}$	$\frac{229}{468}$	$\Phi_{936}\ \Phi_{312}\ \Phi_{234}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_8\ \Phi_1$
28203	697	840	$\frac{3}{140}$	$\frac{143}{840}$	$\frac{1}{4}$	$\frac{137}{280}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
28204	697	160	$\frac{1}{40}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{39}{80}$	$\Phi_{160}^8\ \Phi_{80}\ \Phi_{32}^9\ \Phi_{16}\ \Phi_1$
28205	697	240	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{39}{80}$	$\Phi_{240}^8\ \Phi_{80}\ \Phi_{48}^8\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
28206	697	80	$\frac{1}{40}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{39}{80}$	$\Phi_{80}^{17}\ \Phi_{20}\ \Phi_{16}^{17}\ \Phi_{10}\ \Phi_5\ \Phi_1$
28207	697	800	$\frac{3}{100}$	$\frac{103}{800}$	$\frac{1}{4}$	$\frac{97}{200}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
28208	697	1344	$\frac{25}{672}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{647}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
28209	697	1344	$\frac{25}{672}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{647}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{64}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
28210	697	1344	$\frac{25}{672}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{647}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
28211	697	1008	$\frac{1}{24}$	$\frac{25}{336}$	$\frac{311}{1008}$	$\frac{23}{48}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
28212	697	768	$\frac{1}{24}$	$\frac{71}{768}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
28213	697	234	$\frac{2}{39}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{234}^3\ \Phi_{117}^3\ \Phi_{78}^2\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{18}^5\ \Phi_{13}^3\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
28214	697	480	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{19}{60}$	$\frac{15}{32}$	$\Phi_{480}^4\ \Phi_{96}^4\ \Phi_{60}\ \Phi_{32}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
28215	697	352	$\frac{1}{16}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{352}^4\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
28216	697	1440	$\frac{1}{16}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{96}\ \Phi_{45}\ \Phi_{32}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
28217	697	800	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{15}{32}$	$\Phi_{800}^2\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_1$
28218	697	96	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{15}{32}$	$\Phi_{96}^{16}\ \Phi_{48}\ \Phi_{32}^9\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
28219	697	780	$\frac{5}{78}$	$\frac{83}{780}$	$\frac{1}{6}$	$\frac{73}{156}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
28220	697	504	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{504}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
28221	697	1296	$\frac{1}{24}$	$\frac{49}{648}$	$\frac{23}{72}$	$\frac{599}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
28222	697	1296	$\frac{49}{648}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{599}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
28223	697	1280	$\frac{57}{640}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{583}{1280}$	$\Phi_{1280}\ \Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
28224	697	756	$\frac{59}{756}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
28225	697	960	$\frac{1}{24}$	$\frac{23}{240}$	$\frac{263}{960}$	$\frac{217}{480}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
28226	697	728	$\frac{31}{728}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{104}\ \Phi_{91}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}\ \Phi_{13}\ \Phi_7\ \Phi_1$
28227	697	768	$\frac{71}{768}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
28228	697	1248	$\frac{5}{78}$	$\frac{73}{624}$	$\frac{1}{6}$	$\frac{551}{1248}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{96}\ \Phi_{78}\ \Phi_{39}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
28229	697	1232	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{81}{616}$	$\frac{535}{1232}$	$\Phi_{1232}\ \Phi_{176}\ \Phi_{112}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
28230	697	210	$\frac{1}{42}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{42}^5\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{21}^5\ \Phi_{15}^3\ \Phi_{14}^5\ \Phi_{10}^2\ \Phi_7^5\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
28231	697	72	$\frac{1}{18}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{72}^{17}\ \Phi_{24}^{17}\ \Phi_{18}^5\ \Phi_9^5\ \Phi_8^{17}\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
28232	697	720	$\frac{23}{720}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
28233	697	864	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{167}{864}$	$\frac{121}{288}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
28234	697	1200	$\frac{3}{100}$	$\frac{97}{600}$	$\frac{1}{4}$	$\frac{503}{1200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
28235	697	1200	$\frac{1}{24}$	$\frac{97}{600}$	$\frac{23}{120}$	$\frac{503}{1200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
28236	697	168	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{168}^6\ \Phi_{56}^6\ \Phi_{42}^5\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_8^5\ \Phi_7^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
28237	697	144	$\frac{1}{18}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{144}^6\ \Phi_{72}^6\ \Phi_{48}^5\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_9^5\ \Phi_8^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
28238	697	630	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
28239	697	870	$\frac{1}{29}$	$\frac{28}{145}$	$\frac{173}{870}$	$\frac{117}{290}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{174}\ \Phi_{145}\ \Phi_{87}\ \Phi_{30}\ \Phi_{15}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
28240	697	1160	$\frac{1}{29}$	$\frac{28}{145}$	$\frac{117}{580}$	$\frac{463}{1160}$	$\Phi_{1160}\ \Phi_{232}\ \Phi_{145}\ \Phi_{40}\ \Phi_8\ \Phi_5\ \Phi_1$
28241	697	1152	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{121}{576}$	$\frac{455}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
28242	697	1120	$\frac{3}{140}$	$\frac{137}{560}$	$\frac{1}{4}$	$\frac{423}{1120}$	$\Phi_{1120}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
28243	697	720	$\frac{23}{720}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
28244	697	1056	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{169}{528}$	$\frac{359}{1056}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{176}\ \Phi_{96}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
28245	697	1044	$\frac{1}{87}$	$\frac{86}{261}$	$\frac{347}{1044}$	$\frac{175}{522}$	$\Phi_{1044}\ \Phi_{348}\ \Phi_{261}\ \Phi_{116}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
28246	697	900	$\frac{3}{100}$	$\frac{203}{900}$	$\frac{1}{4}$	$\frac{97}{300}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{225}\ \Phi_{180}\ \Phi_{100}\ \Phi_{90}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
28247	697	1026	$\frac{13}{342}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{329}{1026}$	$\Phi_{1026}\ \Phi_{513}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
28248	697	864	$\frac{1}{24}$	$\frac{167}{864}$	$\frac{49}{216}$	$\frac{23}{72}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
28249	697	120	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{19}{60}$	$\Phi_{120}^4\ \Phi_{60}^5\ \Phi_{40}^8\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^8\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_{10}^8\ \Phi_8^8\ \Phi_6^6\ \Phi_5^8\ \Phi_4^8\ \Phi_3^6\ \Phi_2^8\ \Phi_1^9$
28250	697	60	$\frac{1}{20}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{19}{60}$	$\Phi_{60}^{17}\ \Phi_{30}^{17}\ \Phi_{20}\ \Phi_{15}^{17}\ \Phi_{12}^{17}\ \Phi_{10}\ \Phi_6^{17}\ \Phi_5\ \Phi_3^{17}\ \Phi_1$
28251	697	1008	$\frac{25}{336}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{311}{1008}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
28252	697	810	$\frac{5}{54}$	$\frac{113}{810}$	$\frac{1}{6}$	$\frac{49}{162}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
28253	697	756	$\frac{59}{756}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{63}\ \Phi_{54}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
28254	697	264	$\frac{3}{44}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{264}^4\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{44}\ \Phi_{33}^4\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
28255	697	360	$\frac{4}{45}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^3\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
28256	697	600	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{50}$	$\frac{7}{24}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{50}\ \Phi_{25}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
28257	697	48	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{7}{24}$	$\Phi_{48}^{17}\ \Phi_{24}^{10}\ \Phi_{16}^{17}\ \Phi_{12}^{10}\ \Phi_8^{16}\ \Phi_6^{10}\ \Phi_4^{16}\ \Phi_3^{10}\ \Phi_2^{16}\ \Phi_1^{17}$
28258	697	972	$\frac{5}{54}$	$\frac{49}{324}$	$\frac{1}{6}$	$\frac{275}{972}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
28259	697	54	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{54}^{17}\ \Phi_{27}^{17}\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
28260	697	960	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{320}$	$\frac{263}{960}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
28261	697	768	$\frac{71}{768}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
28262	697	936	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{73}{312}$	$\frac{239}{936}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_1$
28263	697	220	$\frac{3}{44}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{220}^4\ \Phi_{110}^4\ \Phi_{55}^4\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
28264	697	784	$\frac{3}{28}$	$\frac{87}{784}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
28265	697	896	$\frac{3}{28}$	$\frac{25}{224}$	$\frac{199}{896}$	$\frac{1}{4}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{128}\ \Phi_{64}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
28266	697	180	$\frac{4}{45}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^5\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}\ \Phi_{18}^4\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}\ \Phi_9^5\ \Phi_6^4\ \Phi_5\ \Phi_3^5\ \Phi_1$
28267	697	100	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{9}{50}$	$\frac{1}{4}$	$\Phi_{100}^8\ \Phi_{50}^9\ \Phi_{25}^9\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
28268	697	840	$\frac{3}{28}$	$\frac{25}{168}$	$\frac{143}{840}$	$\frac{1}{4}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
28269	697	240	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}\ \Phi_{30}^4\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}^4\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
28270	697	864	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{167}{864}$	$\frac{49}{216}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
28271	697	896	$\frac{25}{224}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{199}{896}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
28272	698	690	$\frac{4}{345}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{341}{690}$	$\Phi_{690}^2\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{46}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
28273	698	420	$\frac{1}{70}$	$\frac{71}{420}$	$\frac{1}{3}$	$\frac{69}{140}$	$\Phi_{420}\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28274	698	2058	$\frac{6}{343}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{337}{686}$	$\Phi_{2058}\ \Phi_{294}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
28275	698	1200	$\frac{1}{50}$	$\frac{51}{400}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
28276	698	656	$\frac{1}{41}$	$\frac{21}{328}$	$\frac{307}{656}$	$\frac{20}{41}$	$\Phi_{656}^2\ \Phi_{41}\ \Phi_{16}^2\ \Phi_1^2$
28277	698	492	$\frac{1}{41}$	$\frac{21}{164}$	$\frac{143}{492}$	$\frac{20}{41}$	$\Phi_{492}^2\ \Phi_{246}^2\ \Phi_{123}^2\ \Phi_{41}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
28278	698	410	$\frac{1}{41}$	$\frac{61}{410}$	$\frac{21}{82}$	$\frac{20}{41}$	$\Phi_{410}^2\ \Phi_{205}^2\ \Phi_{41}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
28279	698	680	$\frac{9}{340}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{331}{680}$	$\Phi_{680}^2\ \Phi_{136}^2\ \Phi_{40}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_1^2$
28280	698	2040	$\frac{9}{340}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{331}{680}$	$\Phi_{2040}\ \Phi_{408}\ \Phi_{120}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
28281	698	672	$\frac{13}{336}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{323}{672}$	$\Phi_{672}^2\ \Phi_{224}^2\ \Phi_{96}^2\ \Phi_{42}\ \Phi_{32}^2\ \Phi_{21}\ \Phi_6$
28282	698	663	$\frac{35}{663}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{314}{663}$	$\Phi_{663}\ \Phi_{221}\ \Phi_{51}^2\ \Phi_{39}\ \Phi_{17}\ \Phi_{13}\ \Phi_3^2\ \Phi_1^2$
28283	698	510	$\frac{9}{170}$	$\frac{1}{17}$	$\frac{161}{510}$	$\frac{8}{17}$	$\Phi_{510}^2\ \Phi_{255}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{30}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
28284	698	374	$\frac{1}{17}$	$\frac{25}{374}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{374}^2\ \Phi_{187}^2\ \Phi_{22}^2\ \Phi_{17}\ \Phi_{11}^2\ \Phi_1^2$
28285	698	425	$\frac{1}{17}$	$\frac{9}{85}$	$\frac{76}{425}$	$\frac{8}{17}$	$\Phi_{425}^2\ \Phi_{25}^2\ \Phi_{17}\ \Phi_1^2$
28286	698	408	$\frac{1}{17}$	$\frac{9}{68}$	$\frac{59}{408}$	$\frac{8}{17}$	$\Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
28287	698	476	$\frac{1}{17}$	$\frac{8}{119}$	$\frac{127}{476}$	$\frac{111}{238}$	$\Phi_{476}^2\ \Phi_{119}^2\ \Phi_{68}^2\ \Phi_{28}^2\ \Phi_{17}\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
28288	698	1092	$\frac{15}{364}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{273}\ \Phi_{156}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{21}\ \Phi_6$
28289	698	1950	$\frac{1}{25}$	$\frac{24}{325}$	$\frac{1}{3}$	$\frac{301}{650}$	$\Phi_{1950}\ \Phi_{390}\ \Phi_{150}\ \Phi_{78}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
28290	698	360	$\frac{11}{360}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2$ $\Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28291	698	630	$\frac{1}{35}$	$\frac{34}{315}$	$\frac{1}{3}$	$\frac{281}{630}$	$\Phi_{630}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{14}^2$ $\Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
28292	698	615	$\frac{1}{41}$	$\frac{83}{615}$	$\frac{40}{123}$	$\frac{266}{615}$	$\Phi_{615}\ \Phi_{205}\ \Phi_{123}^2\ \Phi_{41}\ \Phi_{15}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
28293	698	612	$\frac{1}{17}$	$\frac{43}{306}$	$\frac{8}{51}$	$\frac{263}{612}$	$\Phi_{612}^2\ \Phi_{204}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{36}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
28294	698	408	$\frac{1}{17}$	$\frac{59}{408}$	$\frac{8}{51}$	$\frac{43}{102}$	$\Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
28295	698	492	$\frac{1}{41}$	$\frac{20}{123}$	$\frac{143}{492}$	$\frac{103}{246}$	$\Phi_{492}^2\ \Phi_{164}^2\ \Phi_{123}^2\ \Phi_{41}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
28296	698	600	$\frac{1}{50}$	$\frac{49}{300}$	$\frac{1}{3}$	$\frac{251}{600}$	$\Phi_{600}^2\ \Phi_{200}^2\ \Phi_{150}\ \Phi_{120}^2\ \Phi_{75}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{15}\ \Phi_8^2\ \Phi_6$
28297	698	595	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{103}{595}$	$\frac{246}{595}$	$\Phi_{595}\ \Phi_{119}^2\ \Phi_{85}\ \Phi_{35}\ \Phi_{17}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
28298	698	1680	$\frac{1}{70}$	$\frac{69}{280}$	$\frac{1}{3}$	$\frac{211}{560}$	$\Phi_{1680}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{105}\ \Phi_{48}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
28299	698	450	$\frac{1}{50}$	$\frac{101}{450}$	$\frac{49}{150}$	$\frac{1}{3}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}\ \Phi_{90}^2\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_6$
28300	698	420	$\frac{1}{35}$	$\frac{71}{420}$	$\frac{34}{105}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2$ $\Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
28301	698	510	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{161}{510}$	$\frac{1}{3}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{170}^2\ \Phi_{102}\ \Phi_{85}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2$ $\Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28302	698	378	$\frac{1}{14}$	$\frac{29}{378}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6$
28303	698	504	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{155}{504}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6$
28304	698	360	$\frac{11}{360}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2$ $\Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
28305	698	1380	$\frac{4}{115}$	$\frac{1}{5}$	$\frac{111}{460}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{276}\ \Phi_{138}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
28306	698	1176	$\frac{1}{14}$	$\frac{43}{392}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{294}\ \Phi_{147}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
28307	698	1344	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{99}{448}$	$\frac{1}{3}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{192}\ \Phi_{96}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
28308	698	420	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{71}{420}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2$ $\Phi_{10}^2\ \Phi_6\ \Phi_5^2$
28309	698	1176	$\frac{43}{392}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{294}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
28310	698	459	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{110}{459}$	$\frac{43}{153}$	$\Phi_{459}^2\ \Phi_{51}^2\ \Phi_{27}^2\ \Phi_{17}\ \Phi_3^2\ \Phi_1^2$
28311	699	924	$\frac{2}{231}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{229}{462}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{231}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{44}\ \Phi_{33}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}^2\ \Phi_{11}$ $\Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
28312	699	312	$\frac{1}{78}$	$\frac{1}{4}$	$\frac{79}{312}$	$\frac{77}{156}$	$\Phi_{312}^3\ \Phi_{156}^2\ \Phi_{104}^3\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}^3\ \Phi_{13}\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6$ $\Phi_4\ \Phi_3\ \Phi_1$
28313	699	456	$\frac{5}{228}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{223}{456}$	$\Phi_{456}^3\ \Phi_{152}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
28314	699	900	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{217}{450}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}$ $\Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
28315	699	260	$\frac{1}{26}$	$\frac{27}{260}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{260}^3\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{20}^3\ \Phi_{13}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
28316	699	884	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{209}{442}$	$\Phi_{884}\ \Phi_{221}\ \Phi_{68}\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{17}\ \Phi_{13}\ \Phi_4\ \Phi_1$
28317	699	252	$\frac{1}{18}$	$\frac{19}{252}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{36}^2\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{18}\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_9$ $\Phi_7^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
28318	699	432	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{1}{4}$	$\frac{199}{432}$	$\Phi_{432}^3\ \Phi_{144}^3\ \Phi_{48}^3\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
28319	699	416	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{1}{4}$	$\frac{183}{416}$	$\Phi_{416}^3\ \Phi_{52}^2\ \Phi_{32}^3\ \Phi_{26}\ \Phi_{13}\ \Phi_4\ \Phi_1$
28320	699	240	$\frac{7}{240}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^2$ $\Phi_{10}^3\ \Phi_8^3\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
28321	699	780	$\frac{1}{39}$	$\frac{38}{195}$	$\frac{1}{4}$	$\frac{157}{390}$	$\Phi_{780}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
28322	699	264	$\frac{2}{33}$	$\frac{31}{264}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{264}^3\ \Phi_{132}^2\ \Phi_{88}^3\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
28323	699	252	$\frac{19}{252}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}^2\ \Phi_{63}^3\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
28324	699	684	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{109}{342}$	$\Phi_{684}^2\ \Phi_{342}\ \Phi_{171}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
28325	699	540	$\frac{1}{18}$	$\frac{37}{270}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{540}^2\ \Phi_{270}\ \Phi_{180}^2\ \Phi_{135}\ \Phi_{90}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
28326	699	324	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{1}{4}$	$\frac{91}{324}$	$\Phi_{324}^3\ \Phi_{162}^3\ \Phi_{81}^3\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
28327	699	312	$\frac{1}{26}$	$\frac{25}{104}$	$\frac{1}{4}$	$\frac{79}{312}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{26}\ \Phi_{24}^3\ \Phi_{13}\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
28328	699	288	$\frac{1}{18}$	$\frac{55}{288}$	$\frac{17}{72}$	$\frac{1}{4}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{36}^2\ \Phi_{32}^3\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
28329	699	540	$\frac{1}{9}$	$\frac{37}{270}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{540}^2\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}^2\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
28330	700	348	$\frac{1}{174}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{173}{348}$	$\Phi_{348}^4\ \Phi_{116}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
28331	700	1112	$\frac{1}{139}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{69}{139}$	$\Phi_{1112}\ \Phi_{139}\ \Phi_8^2\ \Phi_1^2$
28332	700	234	$\frac{1}{117}$	$\frac{59}{234}$	$\frac{1}{3}$	$\frac{58}{117}$	$\Phi_{234}^4\ \Phi_{117}^2\ \Phi_{78}^4\ \Phi_{39}^2\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}^2\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
28333	700	396	$\frac{1}{99}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{49}{99}$	$\Phi_{396}^3\ \Phi_{132}^3\ \Phi_{99}\ \Phi_{44}^3\ \Phi_{36}^3\ \Phi_{33}\ \Phi_{12}^4\ \Phi_{11}\ \Phi_9\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
28334	700	99	$\frac{1}{99}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{49}{99}$	$\Phi_{99}^7\ \Phi_{33}^7\ \Phi_{11}^7\ \Phi_9^8\ \Phi_3^7\ \Phi_1^8$
28335	700	233	$\frac{3}{233}$	$\frac{58}{233}$	$\frac{59}{233}$	$\frac{115}{233}$	$\Phi_{233}^3\ \Phi_1^4$
28336	700	207	$\frac{1}{69}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{34}{69}$	$\Phi_{207}^3\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
28337	700	138	$\frac{1}{69}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{34}{69}$	$\Phi_{138}^6\ \Phi_{69}^4\ \Phi_{46}^6\ \Phi_{23}^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
28338	700	699	$\frac{11}{699}$	$\frac{71}{699}$	$\frac{314}{699}$	$\frac{344}{699}$	$\Phi_{699}\ \Phi_{233}\ \Phi_3\ \Phi_1^2$
28339	700	1720	$\frac{3}{172}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{169}{344}$	$\Phi_{1720}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
28340	700	637	$\frac{1}{49}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{24}{49}$	$\Phi_{637}\ \Phi_{91}\ \Phi_{49}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_1^4$
28341	700	1176	$\frac{1}{49}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{294}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
28342	700	282	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{12}{47}$	$\frac{23}{47}$	$\Phi_{282}^3\ \Phi_{141}^3\ \Phi_{94}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
28343	700	233	$\frac{5}{233}$	$\frac{17}{233}$	$\frac{108}{233}$	$\frac{114}{233}$	$\Phi_{233}^3\ \Phi_1^4$
28344	700	342	$\frac{4}{171}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{167}{342}$	$\Phi_{342}^4\ \Phi_{114}^4\ \Phi_{38}^4\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
28345	700	699	$\frac{17}{699}$	$\frac{104}{699}$	$\frac{179}{699}$	$\frac{341}{699}$	$\Phi_{699}\ \Phi_{233}\ \Phi_3\ \Phi_1^2$
28346	700	39	$\frac{1}{39}$	$\frac{4}{39}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{39}^{18}\ \Phi_{13}^{18}\ \Phi_3^{17}\ \Phi_1^{18}$
28347	700	1292	$\frac{1}{34}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{33}{68}$	$\Phi_{1292}\ \Phi_{76}\ \Phi_{68}^2\ \Phi_{19}\ \Phi_4^2\ \Phi_1^2$
28348	700	2244	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{2244}\ \Phi_{132}\ \Phi_{33}$
28349	700	1292	$\frac{1}{34}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{33}{68}$	$\Phi_{1292}\ \Phi_{76}\ \Phi_{68}^2\ \Phi_{19}\ \Phi_4^2\ \Phi_1^2$
28350	700	1020	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{33}{68}$	$\Phi_{1020}^2\ \Phi_{340}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
28351	700	808	$\frac{3}{101}$	$\frac{1}{8}$	$\frac{26}{101}$	$\frac{49}{101}$	$\Phi_{808}\ \Phi_{404}\ \Phi_{202}$
28352	700	1014	$\frac{6}{169}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{163}{338}$	$\Phi_{1014}^2\ \Phi_{78}^2\ \Phi_{39}\ \Phi_6^2$
28353	700	699	$\frac{25}{699}$	$\frac{74}{699}$	$\frac{181}{699}$	$\frac{337}{699}$	$\Phi_{699}\ \Phi_{233}\ \Phi_3\ \Phi_1^2$
28354	700	432	$\frac{1}{27}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{13}{27}$	$\Phi_{432}^3\ \Phi_{144}^3\ \Phi_{48}^4\ \Phi_{27}\ \Phi_{16}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
28355	700	27	$\frac{1}{27}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{27}^{26}\ \Phi_9^{26}\ \Phi_3^{25}\ \Phi_1^{26}$
28356	700	108	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{13}{27}$	$\Phi_{108}^6\ \Phi_{54}^6\ \Phi_{36}^7\ \Phi_{27}^7\ \Phi_{18}^7\ \Phi_{12}^6\ \Phi_9^8\ \Phi_6^6\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
28357	700	756	$\frac{1}{27}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
28358	700	864	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{13}{27}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{27}\ \Phi_{16}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
28359	700	54	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{13}{27}$	$\Phi_{54}^{12}\ \Phi_{27}^{13}\ \Phi_{18}^{12}\ \Phi_9^{13}\ \Phi_6^{16}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
28360	700	240	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{240}^6\ \Phi_{80}^6\ \Phi_{48}^4\ \Phi_{16}^4\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
28361	700	144	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{23}{48}$	$\Phi_{144}^9\ \Phi_{48}^{10}\ \Phi_{16}^{10}\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
28362	700	240	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{240}^7\ \Phi_{80}^7\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
28363	700	969	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{9}{19}$	$\Phi_{969}\ \Phi_{57}\ \Phi_{51}^2\ \Phi_{19}\ \Phi_3^2\ \Phi_1^2$
28364	700	323	$\frac{1}{19}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{9}{19}$	$\Phi_{323}^2\ \Phi_{19}^3\ \Phi_{17}^4\ \Phi_1^6$
28365	700	456	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{456}^2\ \Phi_{228}^2\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{24}^4\ \Phi_{19}\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
28366	700	663	$\frac{2}{39}$	$\frac{37}{663}$	$\frac{1}{3}$	$\frac{313}{663}$	$\Phi_{663}\ \Phi_{221}\ \Phi_{51}\ \Phi_{39}^2\ \Phi_{17}\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
28367	700	699	$\frac{41}{699}$	$\frac{74}{699}$	$\frac{125}{699}$	$\frac{329}{699}$	$\Phi_{699}\ \Phi_{233}\ \Phi_3\ \Phi_1^2$
28368	700	510	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{510}^2\ \Phi_{255}\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}\ \Phi_{51}\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6^2$
28369	700	462	$\frac{1}{21}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{462}^3\ \Phi_{154}^3\ \Phi_{66}^2\ \Phi_{42}^3\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28370	700	330	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{31}{66}$	$\Phi_{330}^5\ \Phi_{110}^5\ \Phi_{55}\ \Phi_{30}^5\ \Phi_{10}^5$
28371	700	960	$\frac{1}{16}$	$\frac{17}{192}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
28372	700	282	$\frac{3}{47}$	$\frac{5}{47}$	$\frac{1}{6}$	$\frac{22}{47}$	$\Phi_{282}^3\ \Phi_{141}^3\ \Phi_{94}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
28373	700	78	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{78}^{14}\ \Phi_{39}^{13}\ \Phi_6^{14}\ \Phi_3^{12}$
28374	700	637	$\frac{1}{13}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{6}{13}$	$\Phi_{637}\ \Phi_{91}\ \Phi_{49}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_1^4$
28375	700	858	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{858}\ \Phi_{429}\ \Phi_{286}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2$
28376	700	364	$\frac{1}{13}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{364}^2\ \Phi_{182}^2\ \Phi_{91}\ \Phi_{52}^2\ \Phi_{28}^4\ \Phi_{26}^2\ \Phi_{14}^4\ \Phi_{13}^2\ \Phi_7^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
28377	700	324	$\frac{1}{27}$	$\frac{13}{162}$	$\frac{1}{3}$	$\frac{149}{324}$	$\Phi_{324}^4\ \Phi_{108}^4\ \Phi_{36}^4\ \Phi_{27}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
28378	700	233	$\frac{18}{233}$	$\frac{19}{233}$	$\frac{43}{233}$	$\frac{107}{233}$	$\Phi_{233}^3\ \Phi_1^4$
28379	700	336	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{336}^3\ \Phi_{112}^3\ \Phi_{84}^3\ \Phi_{48}^2\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28380	700	699	$\frac{61}{699}$	$\frac{76}{699}$	$\frac{89}{699}$	$\frac{319}{699}$	$\Phi_{699}\ \Phi_{233}\ \Phi_3\ \Phi_1^2$
28381	700	808	$\frac{9}{101}$	$\frac{11}{101}$	$\frac{1}{8}$	$\frac{46}{101}$	$\Phi_{808}\ \Phi_{404}\ \Phi_{202}$
28382	700	282	$\frac{11}{141}$	$\frac{13}{141}$	$\frac{1}{6}$	$\frac{64}{141}$	$\Phi_{282}^3\ \Phi_{141}^2\ \Phi_{94}^3\ \Phi_{47}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28383	700	1344	$\frac{1}{21}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
28384	700	320	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{29}{64}$	$\Phi_{320}^5\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
28385	700	754	$\frac{1}{26}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{754}\ \Phi_{377}\ \Phi_{58}$
28386	700	36	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{36}^{20}\ \Phi_{18}^{20}\ \Phi_{12}^{20}\ \Phi_9^{18}\ \Phi_6^{20}\ \Phi_4^{20}\ \Phi_3^{17}\ \Phi_2^{20}\ \Phi_1^{18}$
28387	700	414	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{11}{46}$	$\frac{4}{9}$	$\Phi_{414}^2\ \Phi_{207}\ \Phi_{138}^2\ \Phi_{69}\ \Phi_{46}^4\ \Phi_{23}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
28388	700	207	$\frac{4}{69}$	$\frac{1}{9}$	$\frac{13}{69}$	$\frac{4}{9}$	$\Phi_{207}^3\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
28389	700	90	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{90}^9\ \Phi_{45}^6\ \Phi_{30}^{12}\ \Phi_{18}^6\ \Phi_{15}^8\ \Phi_{10}^{12}\ \Phi_9^4\ \Phi_6^8\ \Phi_5^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
28390	700	207	$\frac{2}{23}$	$\frac{1}{9}$	$\frac{3}{23}$	$\frac{4}{9}$	$\Phi_{207}^3\ \Phi_{69}^3\ \Phi_{23}^6\ \Phi_9^4\ \Phi_3^4\ \Phi_1^8$
28391	700	792	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{22}^2$
28392	700	233	$\frac{13}{233}$	$\frac{27}{233}$	$\frac{44}{233}$	$\frac{103}{233}$	$\Phi_{233}^3\ \Phi_1^4$
28393	700	312	$\frac{1}{39}$	$\frac{19}{156}$	$\frac{1}{3}$	$\frac{137}{312}$	$\Phi_{312}^4\ \Phi_{104}^4\ \Phi_{39}^2\ \Phi_{24}^4\ \Phi_{13}^2\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
28394	700	781	$\frac{1}{11}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{31}{71}$	Φ_{781}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
28395	700	699	$\frac{62}{699}$	$\frac{79}{699}$	$\frac{91}{699}$	$\frac{304}{699}$	$\Phi_{699}\ \Phi_{233}\ \Phi_3\ \Phi_1^2$
28396	700	282	$\frac{8}{141}$	$\frac{19}{141}$	$\frac{1}{6}$	$\frac{61}{141}$	$\Phi_{282}^3\ \Phi_{141}^2\ \Phi_{94}^3\ \Phi_{47}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28397	700	220	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{1}{5}$	$\frac{19}{44}$	$\Phi_{220}^7\ \Phi_{110}\ \Phi_{55}\ \Phi_{20}^7\ \Phi_{10}$
28398	700	699	$\frac{20}{699}$	$\frac{97}{699}$	$\frac{199}{699}$	$\frac{301}{699}$	$\Phi_{699}\ \Phi_{233}\ \Phi_3\ \Phi_1^2$
28399	700	351	$\frac{8}{351}$	$\frac{49}{351}$	$\frac{1}{3}$	$\frac{151}{351}$	$\Phi_{351}^2\ \Phi_{117}^2\ \Phi_{39}^2\ \Phi_{27}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
28400	700	252	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{36}^2\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2$
28401	700	699	$\frac{29}{699}$	$\frac{113}{699}$	$\frac{134}{699}$	$\frac{293}{699}$	$\Phi_{699}\ \Phi_{233}\ \Phi_3\ \Phi_1^2$
28402	700	204	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{204}^6\ \Phi_{68}^6\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
28403	700	132	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{8}{33}$	$\frac{5}{12}$	$\Phi_{132}^9\ \Phi_{44}^9\ \Phi_{33}^3\ \Phi_{12}^{10}\ \Phi_{11}^3\ \Phi_4^{10}\ \Phi_3^3\ \Phi_1^4$
28404	700	780	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{780}^2\ \Phi_{260}^2\ \Phi_{130}\ \Phi_{65}\ \Phi_{60}\ \Phi_{20}\ \Phi_{10}$
28405	700	396	$\frac{4}{99}$	$\frac{1}{6}$	$\frac{19}{99}$	$\frac{5}{12}$	$\Phi_{396}^3\ \Phi_{132}^3\ \Phi_{99}\ \Phi_{44}^3\ \Phi_{36}^3\ \Phi_{33}\ \Phi_{12}^4\ \Phi_{11}\ \Phi_9\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
28406	700	84	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{84}^{15}\ \Phi_{42}^3\ \Phi_{28}^{15}\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}^{10}\ \Phi_7^2\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28407	700	108	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{108}^{12}\ \Phi_{36}^9\ \Phi_{27}^4\ \Phi_{12}^{10}\ \Phi_9^3\ \Phi_4^{10}\ \Phi_3^3\ \Phi_1^4$
28408	700	132	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{132}^9\ \Phi_{44}^9\ \Phi_{12}^{10}\ \Phi_{11}^9\ \Phi_4^{10}\ \Phi_1^{10}$
28409	700	699	$\frac{41}{699}$	$\frac{94}{699}$	$\frac{121}{699}$	$\frac{289}{699}$	$\Phi_{699}\ \Phi_{233}\ \Phi_3\ \Phi_1^2$
28410	700	255	$\frac{1}{15}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{255}^3\ \Phi_{85}^3\ \Phi_{51}^3\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2$
28411	700	699	$\frac{59}{699}$	$\frac{64}{699}$	$\frac{127}{699}$	$\frac{286}{699}$	$\Phi_{699}\ \Phi_{233}\ \Phi_3\ \Phi_1^2$
28412	700	781	$\frac{6}{71}$	$\frac{1}{11}$	$\frac{13}{71}$	$\frac{29}{71}$	Φ_{781}
28413	700	699	$\frac{44}{699}$	$\frac{83}{699}$	$\frac{131}{699}$	$\frac{284}{699}$	$\Phi_{699}\ \Phi_{233}\ \Phi_3\ \Phi_1^2$
28414	700	808	$\frac{6}{101}$	$\frac{1}{8}$	$\frac{19}{101}$	$\frac{41}{101}$	$\Phi_{808}\ \Phi_{404}\ \Phi_{202}$
28415	700	282	$\frac{2}{47}$	$\frac{1}{6}$	$\frac{9}{47}$	$\frac{19}{47}$	$\Phi_{282}^3\ \Phi_{141}^3\ \Phi_{94}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
28416	700	699	$\frac{14}{699}$	$\frac{137}{699}$	$\frac{209}{699}$	$\frac{281}{699}$	$\Phi_{699}\ \Phi_{233}\ \Phi_3\ \Phi_1^2$
28417	700	117	$\frac{2}{117}$	$\frac{23}{117}$	$\frac{1}{3}$	$\frac{47}{117}$	$\Phi_{117}^6\ \Phi_{39}^6\ \Phi_{13}^6\ \Phi_9^6\ \Phi_3^5\ \Phi_1^6$
28418	700	510	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{510}^2\ \Phi_{255}\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
28419	700	1704	$\frac{1}{71}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1704}\ \Phi_{213}$
28420	700	1112	$\frac{3}{139}$	$\frac{34}{139}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1112}\ \Phi_{139}\ \Phi_8^2\ \Phi_1^2$
28421	700	360	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^4\ \Phi_{180}\ \Phi_{120}^4\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}^3\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
28422	700	1112	$\frac{4}{139}$	$\frac{27}{139}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1112}\ \Phi_{139}\ \Phi_8^2\ \Phi_1^2$
28423	700	696	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{696}^2\ \Phi_{232}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
28424	700	1112	$\frac{6}{139}$	$\frac{19}{139}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1112}\ \Phi_{139}\ \Phi_8^2\ \Phi_1^2$
28425	700	168	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^4\ \Phi_{84}^5\ \Phi_{56}^4\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_7^4\ \Phi_6^5\ \Phi_3^4$
28426	700	1112	$\frac{9}{139}$	$\frac{13}{139}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1112}\ \Phi_{139}\ \Phi_8^2\ \Phi_1^2$
28427	700	1320	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}$
28428	700	378	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{378}^3\ \Phi_{126}^3\ \Phi_{63}^3\ \Phi_{54}^2\ \Phi_{42}^3\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28429	700	1320	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{43}{132}$	$\frac{89}{264}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{220}\ \Phi_{120}\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
28430	700	177	$\frac{2}{177}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{177}^4\ \Phi_{59}^4\ \Phi_3\ \Phi_1^2$
28431	700	261	$\frac{1}{87}$	$\frac{86}{261}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{261}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
28432	700	696	$\frac{1}{58}$	$\frac{57}{232}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{232}^2\ \Phi_{116}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
28433	700	153	$\frac{1}{51}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{153}^6\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
28434	700	87	$\frac{2}{87}$	$\frac{17}{87}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{87}^8\ \Phi_{29}^8\ \Phi_3^9\ \Phi_1^{10}$
28435	700	36	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{36}^{20}\ \Phi_{18}^{20}\ \Phi_{12}^{20}\ \Phi_9^{20}\ \Phi_6^{16}\ \Phi_4^{20}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
28436	700	87	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{87}^6\ \Phi_{29}^{12}\ \Phi_3^7\ \Phi_1^{14}$
28437	700	312	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^4\ \Phi_{78}\ \Phi_{52}^4\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{13}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
28438	700	135	$\frac{1}{15}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{135}^6\ \Phi_{45}^6\ \Phi_{27}^4\ \Phi_{15}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
28439	700	414	$\frac{2}{69}$	$\frac{1}{6}$	$\frac{67}{207}$	$\frac{1}{3}$	$\Phi_{414}^3\ \Phi_{207}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28440	700	81	$\frac{1}{27}$	$\frac{11}{81}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{81}^8\ \Phi_{27}^{10}\ \Phi_9^{10}\ \Phi_3^9\ \Phi_1^{10}$
28441	700	513	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{163}{513}$	$\frac{1}{3}$	$\Phi_{513}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
28442	700	561	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{561}\ \Phi_{187}^2\ \Phi_{33}^2\ \Phi_{11}^2$
28443	700	507	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{157}{507}$	$\frac{1}{3}$	$\Phi_{507}\ \Phi_{169}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
28444	700	180	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{45}^6\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
28445	700	243	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{68}{243}$	$\frac{1}{3}$	$\Phi_{243}^4\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
28446	700	108	$\frac{1}{36}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{108}^9\ \Phi_{54}^9\ \Phi_{36}^2\ \Phi_{27}^8\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28447	700	234	$\frac{1}{39}$	$\frac{19}{78}$	$\frac{59}{234}$	$\frac{1}{3}$	$\Phi_{234}^4\ \Phi_{117}^4\ \Phi_{39}^2\ \Phi_{18}^4\ \Phi_{13}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
28448	700	420	$\frac{1}{15}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
28449	700	99	$\frac{1}{33}$	$\frac{2}{9}$	$\frac{8}{33}$	$\frac{1}{3}$	$\Phi_{99}^9\ \Phi_{33}^3\ \Phi_{11}^3\ \Phi_9^{10}\ \Phi_3^3\ \Phi_1^4$
28450	700	216	$\frac{1}{27}$	$\frac{41}{216}$	$\frac{13}{54}$	$\frac{1}{3}$	$\Phi_{216}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{36}^4\ \Phi_{27}^2\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
28451	700	138	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{11}{46}$	$\frac{1}{3}$	$\Phi_{138}^4\ \Phi_{69}^5\ \Phi_{46}^6\ \Phi_{23}^6\ \Phi_6^6\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
28452	700	39	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{39}^{17}\ \Phi_{13}^{20}\ \Phi_3^{16}\ \Phi_1^{20}$
28453	700	1170	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{130}\ \Phi_{90}\ \Phi_{65}\ \Phi_{10}$
28454	700	99	$\frac{4}{99}$	$\frac{19}{99}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{99}^7\ \Phi_{33}^7\ \Phi_{11}^7\ \Phi_9^8\ \Phi_3^7\ \Phi_1^8$
28455	700	126	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{126}^9\ \Phi_{63}^6\ \Phi_{42}^3\ \Phi_{21}^2\ \Phi_{18}^6\ \Phi_{14}^3\ \Phi_9^4\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28456	700	198	$\frac{7}{99}$	$\frac{23}{198}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{198}^4\ \Phi_{99}^3\ \Phi_{66}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{11}^3\ \Phi_9^4\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
28457	700	27	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{27}^{28}\ \Phi_9^{22}\ \Phi_3^{21}\ \Phi_1^{22}$
28458	700	99	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{99}^9\ \Phi_{11}^9\ \Phi_9^{10}\ \Phi_1^{10}$
28459	700	480	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
28460	700	1080	$\frac{2}{27}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{90}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
28461	700	138	$\frac{4}{69}$	$\frac{1}{6}$	$\frac{13}{69}$	$\frac{1}{3}$	$\Phi_{138}^6\ \Phi_{69}^4\ \Phi_{46}^6\ \Phi_{23}^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
28462	700	117	$\frac{7}{117}$	$\frac{19}{117}$	$\frac{22}{117}$	$\frac{1}{3}$	$\Phi_{117}^6\ \Phi_{39}^6\ \Phi_{13}^6\ \Phi_9^6\ \Phi_3^5\ \Phi_1^6$
28463	700	81	$\frac{2}{27}$	$\frac{11}{81}$	$\frac{5}{27}$	$\frac{1}{3}$	$\Phi_{81}^{10}\ \Phi_{27}^6\ \Phi_9^6\ \Phi_3^5\ \Phi_1^6$
28464	700	1176	$\frac{4}{49}$	$\frac{1}{8}$	$\frac{9}{49}$	$\frac{1}{3}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{294}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
28465	700	351	$\frac{31}{351}$	$\frac{41}{351}$	$\frac{64}{351}$	$\frac{1}{3}$	$\Phi_{351}^2\ \Phi_{117}^2\ \Phi_{39}^2\ \Phi_{27}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
28466	700	561	$\frac{1}{11}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{561}^2\ \Phi_{33}^3$
28467	700	351	$\frac{29}{351}$	$\frac{46}{351}$	$\frac{61}{351}$	$\frac{1}{3}$	$\Phi_{351}^2\ \Phi_{117}^2\ \Phi_{39}^2\ \Phi_{27}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
28468	700	30	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{30}^{24}\ \Phi_{15}^{26}\ \Phi_{10}^{24}\ \Phi_6^{16}\ \Phi_5^{26}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
28469	700	138	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{138}^6\ \Phi_{69}^3\ \Phi_{46}^6\ \Phi_{23}^6\ \Phi_6^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
28470	700	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{264}^3\ \Phi_{132}^3\ \Phi_{88}^4\ \Phi_{66}\ \Phi_{44}^4\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
28471	700	168	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{168}^{7}\ \Phi_{84}^{5}\ \Phi_{42}^{5}\ \Phi_{24}^{8}\ \Phi_{21}^{6}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{6}$
28472	700	969	$\frac{1}{17}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{16}{51}$	$\Phi_{969}\ \Phi_{57}\ \Phi_{51}^{2}\ \Phi_{19}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
28473	700	510	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{16}{51}$	$\Phi_{510}^{2}\ \Phi_{255}\ \Phi_{170}^{2}\ \Phi_{85}^{2}\ \Phi_{30}^{3}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
28474	700	36	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{11}{36}$	$\Phi_{36}^{19}\ \Phi_{18}^{19}\ \Phi_{12}^{18}\ \Phi_{9}^{22}\ \Phi_{6}^{18}\ \Phi_{4}^{18}\ \Phi_{3}^{21}\ \Phi_{2}^{18}\ \Phi_{1}^{22}$
28475	700	360	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{360}^{4}\ \Phi_{180}^{3}\ \Phi_{90}^{3}\ \Phi_{45}^{3}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
28476	700	990	$\frac{1}{11}$	$\frac{23}{198}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{110}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{30}\ \Phi_{10}$
28477	700	960	$\frac{17}{192}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
28478	700	336	$\frac{1}{21}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{112}^{2}\ \Phi_{84}^{3}\ \Phi_{56}^{2}\ \Phi_{48}\ \Phi_{42}^{3}\ \Phi_{28}^{3}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
28479	700	240	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{13}{48}$	$\Phi_{240}^{5}\ \Phi_{120}^{5}\ \Phi_{80}\ \Phi_{60}^{5}\ \Phi_{40}\ \Phi_{30}^{5}\ \Phi_{20}\ \Phi_{15}^{5}\ \Phi_{10}$
28480	700	252	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{252}^{3}\ \Phi_{126}^{3}\ \Phi_{84}^{3}\ \Phi_{63}^{3}\ \Phi_{42}^{3}\ \Phi_{28}^{4}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{9}^{3}\ \Phi_{7}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
28481	700	280	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{280}^{4}\ \Phi_{140}^{3}\ \Phi_{70}^{3}\ \Phi_{40}\ \Phi_{35}^{3}\ \Phi_{20}\ \Phi_{10}$
28482	700	288	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{2}{9}$	$\Phi_{288}^{3}\ \Phi_{144}^{3}\ \Phi_{96}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{4}\ \Phi_{16}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
28483	700	18	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{2}{9}$	$\Phi_{18}^{36}\ \Phi_{9}^{39}\ \Phi_{6}^{40}\ \Phi_{3}^{43}\ \Phi_{2}^{40}\ \Phi_{1}^{44}$
28484	700	699	$\frac{83}{699}$	$\frac{109}{699}$	$\frac{118}{699}$	$\frac{154}{699}$	$\Phi_{699}\ \Phi_{233}\ \Phi_{3}\ \Phi_{1}^{2}$
28485	700	282	$\frac{17}{141}$	$\frac{22}{141}$	$\frac{1}{6}$	$\frac{31}{141}$	$\Phi_{282}^{3}\ \Phi_{141}^{2}\ \Phi_{94}^{3}\ \Phi_{47}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
28486	700	160	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{160}^{7}\ \Phi_{80}^{7}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
28487	700	323	$\frac{2}{17}$	$\frac{3}{19}$	$\frac{3}{17}$	$\frac{4}{19}$	$\Phi_{323}^{2}\ \Phi_{19}^{3}\ \Phi_{17}^{4}\ \Phi_{1}^{6}$
28488	700	456	$\frac{1}{8}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\Phi_{456}^{2}\ \Phi_{228}^{2}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{24}^{4}\ \Phi_{19}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
28489	700	699	$\frac{79}{699}$	$\frac{115}{699}$	$\frac{124}{699}$	$\frac{146}{699}$	$\Phi_{699}\ \Phi_{233}\ \Phi_{3}\ \Phi_{1}^{2}$
28490	700	808	$\frac{1}{8}$	$\frac{16}{101}$	$\frac{17}{101}$	$\frac{21}{101}$	$\Phi_{808}\ \Phi_{404}\ \Phi_{202}$
28491	700	233	$\frac{28}{233}$	$\frac{37}{233}$	$\frac{41}{233}$	$\frac{48}{233}$	$\Phi_{233}^{3}\ \Phi_{1}^{4}$
28492	700	282	$\frac{16}{141}$	$\frac{1}{6}$	$\frac{25}{141}$	$\frac{29}{141}$	$\Phi_{282}^{3}\ \Phi_{141}^{2}\ \Phi_{94}^{3}\ \Phi_{47}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
28493	700	220	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{9}{44}$	$\Phi_{220}^{5}\ \Phi_{110}^{5}\ \Phi_{55}\ \Phi_{20}^{5}\ \Phi_{10}^{5}$
28494	700	510	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{3}{17}$	$\frac{1}{5}$	$\Phi_{510}^{2}\ \Phi_{255}^{2}\ \Phi_{170}^{2}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{3}$
28495	700	880	$\frac{21}{176}$	$\frac{29}{176}$	$\frac{31}{176}$	$\frac{1}{5}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
28496	700	120	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{120}^{8}\ \Phi_{60}^{8}\ \Phi_{40}^{9}\ \Phi_{30}^{4}\ \Phi_{20}^{9}\ \Phi_{15}^{4}\ \Phi_{10}^{5}\ \Phi_{5}^{4}$
28497	701	1120	$\frac{1}{140}$	$\frac{141}{560}$	$\frac{419}{1120}$	$\frac{139}{280}$	$\Phi_{1120}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{56}\ \Phi_{40}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
28498	701	1392	$\frac{5}{696}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{691}{1392}$	$\Phi_{1392}\ \Phi_{464}\ \Phi_{48}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
28499	701	1200	$\frac{1}{100}$	$\frac{101}{600}$	$\frac{499}{1200}$	$\frac{99}{200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
28500	701	1380	$\frac{11}{690}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{679}{1380}$	$\Phi_{1380}\ \Phi_{460}\ \Phi_{276}\ \Phi_{92}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
28501	701	940	$\frac{4}{235}$	$\frac{1}{5}$	$\frac{239}{940}$	$\frac{231}{470}$	$\Phi_{940}\ \Phi_{235}\ \Phi_{188}\ \Phi_{47}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
28502	701	1376	$\frac{13}{688}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{675}{1376}$	$\Phi_{1376}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
28503	701	1360	$\frac{21}{680}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{659}{1360}$	$\Phi_{1360}\ \Phi_{272}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
28504	701	1344	$\frac{1}{28}$	$\frac{29}{672}$	$\frac{643}{1344}$	$\frac{27}{56}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{64}\ \Phi_{56}\ \Phi_{8}\ \Phi_{1}$
28505	701	1008	$\frac{1}{28}$	$\frac{29}{336}$	$\frac{307}{1008}$	$\frac{27}{56}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
28506	701	784	$\frac{1}{28}$	$\frac{83}{784}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{8}\ \Phi_{1}$
28507	701	896	$\frac{1}{28}$	$\frac{29}{224}$	$\frac{195}{896}$	$\frac{27}{56}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{128}\ \Phi_{64}\ \Phi_{56}\ \Phi_{8}\ \Phi_{1}$
28508	701	840	$\frac{1}{28}$	$\frac{139}{840}$	$\frac{29}{168}$	$\frac{27}{56}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
28509	701	1344	$\frac{29}{672}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{643}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{64}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
28510	701	1344	$\frac{29}{672}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{643}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
28511	701	768	$\frac{3}{64}$	$\frac{67}{768}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
28512	701	952	$\frac{13}{238}$	$\frac{1}{14}$	$\frac{251}{952}$	$\frac{225}{476}$	$\Phi_{952}\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{56}\ \Phi_{34}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
28513	701	1320	$\frac{1}{20}$	$\frac{41}{660}$	$\frac{19}{60}$	$\frac{619}{1320}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{120}\ \Phi_{88}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
28514	701	1320	$\frac{41}{660}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{619}{1320}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{120}\ \Phi_{88}\ \Phi_{44}\ \Phi_{40}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
28515	701	960	$\frac{1}{20}$	$\frac{19}{240}$	$\frac{259}{960}$	$\frac{221}{480}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
28516	701	1280	$\frac{3}{64}$	$\frac{61}{640}$	$\frac{1}{4}$	$\frac{579}{1280}$	$\Phi_{1280}\ \Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
28517	701	1280	$\frac{1}{20}$	$\frac{61}{640}$	$\frac{19}{80}$	$\frac{579}{1280}$	$\Phi_{1280}\ \Phi_{256}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
28518	701	1260	$\frac{1}{35}$	$\frac{71}{630}$	$\frac{34}{105}$	$\frac{559}{1260}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
28519	701	1232	$\frac{3}{88}$	$\frac{85}{616}$	$\frac{1}{4}$	$\frac{531}{1232}$	$\Phi_{1232}\ \Phi_{176}\ \Phi_{112}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
28520	701	980	$\frac{1}{35}$	$\frac{34}{245}$	$\frac{279}{980}$	$\frac{211}{490}$	$\Phi_{980}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{49}\ \Phi_{28}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
28521	701	1200	$\frac{1}{50}$	$\frac{101}{600}$	$\frac{49}{150}$	$\frac{499}{1200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{150}\ \Phi_{80}\ \Phi_{75}\ \Phi_{48}\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
28522	701	1200	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{101}{600}$	$\frac{499}{1200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
28523	701	1000	$\frac{1}{50}$	$\frac{49}{250}$	$\frac{299}{1000}$	$\frac{201}{500}$	$\Phi_{1000}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{40}\ \Phi_{8}\ \Phi_{1}$
28524	701	800	$\frac{1}{20}$	$\frac{99}{800}$	$\frac{19}{80}$	$\frac{61}{160}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
28525	701	928	$\frac{5}{232}$	$\frac{227}{928}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{928}\ \Phi_{464}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
28526	701	720	$\frac{19}{720}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
28527	701	720	$\frac{19}{720}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
28528	701	1080	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{161}{540}$	$\frac{379}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
28529	701	756	$\frac{1}{14}$	$\frac{55}{756}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
28530	701	840	$\frac{1}{35}$	$\frac{139}{840}$	$\frac{34}{105}$	$\frac{71}{210}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
28531	701	900	$\frac{1}{50}$	$\frac{199}{900}$	$\frac{49}{150}$	$\frac{101}{300}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
28532	701	1056	$\frac{3}{176}$	$\frac{1}{4}$	$\frac{173}{528}$	$\frac{355}{1056}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{176}\ \Phi_{96}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
28533	701	945	$\frac{1}{35}$	$\frac{71}{315}$	$\frac{244}{945}$	$\frac{34}{105}$	$\Phi_{945}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
28534	701	1035	$\frac{11}{345}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{334}{1035}$	$\Phi_{1035}\ \Phi_{207}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
28535	701	792	$\frac{3}{44}$	$\frac{91}{792}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
28536	701	1008	$\frac{1}{14}$	$\frac{29}{336}$	$\frac{307}{1008}$	$\frac{13}{42}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
28537	701	840	$\frac{1}{14}$	$\frac{139}{840}$	$\frac{29}{168}$	$\frac{13}{42}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
28538	701	768	$\frac{67}{768}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
28539	701	960	$\frac{3}{64}$	$\frac{61}{320}$	$\frac{1}{4}$	$\frac{259}{960}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
28540	701	960	$\frac{1}{20}$	$\frac{61}{320}$	$\frac{19}{80}$	$\frac{259}{960}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
28541	701	896	$\frac{3}{32}$	$\frac{29}{224}$	$\frac{195}{896}$	$\frac{1}{4}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
28542	701	880	$\frac{3}{44}$	$\frac{41}{220}$	$\frac{179}{880}$	$\frac{1}{4}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{176}\ \Phi_{88}\ \Phi_{80}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
28543	702	1160	$\frac{1}{116}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{115}{232}$	$\Phi_{1160}\ \Phi_{232}^2\ \Phi_{40}\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{1}^2$
28544	702	696	$\frac{1}{116}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{115}{232}$	$\Phi_{696}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_{6}$
28545	702	1232	$\frac{1}{77}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{38}{77}$	$\Phi_{1232}\ \Phi_{176}\ \Phi_{112}\ \Phi_{77}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^2$
28546	702	308	$\frac{1}{77}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{38}{77}$	$\Phi_{308}^2\ \Phi_{154}^2\ \Phi_{77}^3\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^3\ \Phi_{7}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
28547	702	460	$\frac{2}{115}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{113}{230}$	$\Phi_{460}^2\ \Phi_{115}^2\ \Phi_{92}^2\ \Phi_{23}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
28548	702	701	$\frac{13}{701}$	$\frac{119}{701}$	$\frac{194}{701}$	$\frac{344}{701}$	$\Phi_{701}\ \Phi_{1}^2$
28549	702	1272	$\frac{1}{53}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{26}{53}$	$\Phi_{1272}\ \Phi_{424}\ \Phi_{53}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{1}^2$
28550	702	795	$\frac{1}{53}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{795}\ \Phi_{265}\ \Phi_{53}\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{1}^2$
28551	702	954	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{26}{53}$	$\Phi_{954}\ \Phi_{477}\ \Phi_{53}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{1}^2$
28552	702	848	$\frac{1}{53}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{26}{53}$	$\Phi_{848}\ \Phi_{424}\ \Phi_{53}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
28553	702	2064	$\frac{7}{344}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{337}{688}$	$\Phi_{2064}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
28554	702	188	$\frac{1}{47}$	$\frac{8}{47}$	$\frac{1}{4}$	$\frac{23}{47}$	$\Phi_{188}^5\ \Phi_{94}^5\ \Phi_{4}^4\ \Phi_{2}^4$
28555	702	1292	$\frac{1}{38}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{37}{76}$	$\Phi_{1292}\ \Phi_{76}^2\ \Phi_{68}\ \Phi_{17}\ \Phi_{4}^2\ \Phi_{1}^2$
28556	702	1140	$\frac{1}{38}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{1140}^2\ \Phi_{228}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
28557	702	1292	$\frac{1}{38}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{37}{76}$	$\Phi_{1292}\ \Phi_{76}^2\ \Phi_{68}\ \Phi_{17}\ \Phi_{4}^2\ \Phi_{1}^2$
28558	702	532	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{37}{76}$	$\Phi_{532}\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{28}^2\ \Phi_{14}^3\ \Phi_{7}^2$
28559	702	2046	$\frac{10}{341}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{331}{682}$	$\Phi_{2046}\ \Phi_{186}\ \Phi_{66}\ \Phi_{33}\ \Phi_{6}$
28560	702	384	$\frac{1}{32}$	$\frac{11}{128}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{384}^3\ \Phi_{192}^2\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{3}^2$
28561	702	1300	$\frac{1}{26}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{25}{52}$	$\Phi_{1300}\ \Phi_{260}\ \Phi_{100}\ \Phi_{52}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
28562	702	1092	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{1092}^2\ \Phi_{156}\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
28563	702	780	$\frac{1}{26}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{780}^2\ \Phi_{260}\ \Phi_{156}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
28564	702	325	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{12}{25}$	$\Phi_{325}^2\ \Phi_{65}^2\ \Phi_{25}^3\ \Phi_{13}^4\ \Phi_{5}^3\ \Phi_{1}^6$
28565	702	100	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{100}^9\ \Phi_{50}^4\ \Phi_{25}^5\ \Phi_{20}^{11}\ \Phi_{10}^5\ \Phi_{5}^6\ \Phi_{4}^{10}\ \Phi_{2}^4\ \Phi_{1}^6$
28566	702	672	$\frac{5}{112}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{107}{224}$	$\Phi_{672}^3\ \Phi_{96}^3\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
28567	702	701	$\frac{37}{701}$	$\frac{41}{701}$	$\frac{220}{701}$	$\frac{332}{701}$	$\Phi_{701}\ \Phi_{1}^2$
28568	702	323	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{6}{19}$	$\frac{8}{17}$	$\Phi_{323}^2\ \Phi_{19}^4\ \Phi_{17}^3\ \Phi_{1}^6$
28569	702	476	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{476}^2\ \Phi_{238}\ \Phi_{119}\ \Phi_{68}\ \Phi_{28}^4\ \Phi_{17}\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{1}^2$
28570	702	790	$\frac{5}{79}$	$\frac{1}{10}$	$\frac{14}{79}$	$\frac{37}{79}$	$\Phi_{790}\ \Phi_{395}\ \Phi_{158}$
28571	702	660	$\frac{1}{22}$	$\frac{7}{110}$	$\frac{1}{3}$	$\frac{103}{220}$	$\Phi_{660}^3\ \Phi_{132}^3\ \Phi_{66}\ \Phi_{60}^3\ \Phi_{33}\ \Phi_{12}^3\ \Phi_{6}$
28572	702	701	$\frac{49}{701}$	$\frac{64}{701}$	$\frac{125}{701}$	$\frac{326}{701}$	$\Phi_{701}\ \Phi_{1}^2$
28573	702	940	$\frac{14}{235}$	$\frac{17}{235}$	$\frac{1}{4}$	$\frac{109}{235}$	$\Phi_{940}\ \Phi_{470}\ \Phi_{188}\ \Phi_{94}\ \Phi_{20}\ \Phi_{10}$
28574	702	701	$\frac{29}{701}$	$\frac{53}{701}$	$\frac{224}{701}$	$\frac{324}{701}$	$\Phi_{701}\ \Phi_{1}^2$
28575	702	350	$\frac{1}{14}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{350}^2\ \Phi_{175}^2\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{25}^2\ \Phi_{14}^2\ \Phi_{10}\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^2$
28576	702	168	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{168}^8\ \Phi_{84}\ \Phi_{56}^8\ \Phi_{42}\ \Phi_{24}^6\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}^6\ \Phi_{6}$
28577	702	1272	$\frac{2}{53}$	$\frac{1}{12}$	$\frac{17}{53}$	$\frac{11}{24}$	$\Phi_{1272}\ \Phi_{424}\ \Phi_{53}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{1}^2$
28578	702	456	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{456}^3\ \Phi_{152}^3\ \Phi_{76}\ \Phi_{38}$
28579	702	1272	$\frac{1}{12}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{11}{24}$	$\Phi_{1272}\ \Phi_{424}\ \Phi_{53}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{1}^2$
28580	702	840	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
28581	702	154	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{154}^{5}\ \Phi_{77}^{5}\ \Phi_{22}^{5}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{2}^{4}$
28582	702	1920	$\frac{1}{32}$	$\frac{31}{320}$	$\frac{1}{3}$	$\frac{289}{640}$	$\Phi_{1920}\ \Phi_{384}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
28583	702	701	$\frac{44}{701}$	$\frac{73}{701}$	$\frac{129}{701}$	$\frac{314}{701}$	$\Phi_{701}\ \Phi_{1}^{2}$
28584	702	188	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{1}{4}$	$\frac{21}{47}$	$\Phi_{188}^{5}\ \Phi_{94}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
28585	702	252	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{252}^{3}\ \Phi_{126}^{3}\ \Phi_{84}^{3}\ \Phi_{63}^{3}\ \Phi_{42}^{3}\ \Phi_{36}^{3}\ \Phi_{28}^{2}\ \Phi_{21}^{3}\ \Phi_{18}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
28586	702	1330	$\frac{1}{19}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{1330}\ \Phi_{266}\ \Phi_{190}\ \Phi_{95}\ \Phi_{38}$
28587	702	240	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{240}^{8}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}^{7}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
28588	702	1232	$\frac{2}{77}$	$\frac{1}{8}$	$\frac{25}{77}$	$\frac{7}{16}$	$\Phi_{1232}\ \Phi_{176}\ \Phi_{112}\ \Phi_{77}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^{2}$
28589	702	432	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{432}^{3}\ \Phi_{144}^{3}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}^{3}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
28590	702	304	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{304}^{2}\ \Phi_{152}^{3}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{19}^{2}$
28591	702	1232	$\frac{5}{77}$	$\frac{1}{8}$	$\frac{12}{77}$	$\frac{7}{16}$	$\Phi_{1232}\ \Phi_{176}\ \Phi_{112}\ \Phi_{77}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^{2}$
28592	702	112	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{112}^{11}\ \Phi_{16}^{12}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
28593	702	176	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{176}^{7}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{16}^{8}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
28594	702	1848	$\frac{1}{44}$	$\frac{43}{308}$	$\frac{1}{3}$	$\frac{265}{616}$	$\Phi_{1848}\ \Phi_{264}\ \Phi_{168}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
28595	702	290	$\frac{1}{58}$	$\frac{1}{5}$	$\frac{19}{58}$	$\frac{2}{5}$	$\Phi_{290}^{2}\ \Phi_{145}^{2}\ \Phi_{58}^{4}\ \Phi_{29}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
28596	702	40	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{40}^{18}\ \Phi_{20}^{17}\ \Phi_{10}^{17}\ \Phi_{8}^{18}\ \Phi_{5}^{18}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
28597	702	145	$\frac{1}{29}$	$\frac{28}{145}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{145}^{5}\ \Phi_{29}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
28598	702	145	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{145}^{4}\ \Phi_{29}^{8}\ \Phi_{5}^{5}\ \Phi_{1}^{10}$
28599	702	70	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{70}^{11}\ \Phi_{35}^{11}\ \Phi_{14}^{10}\ \Phi_{10}^{5}\ \Phi_{7}^{10}\ \Phi_{5}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
28600	702	1216	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{1216}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
28601	702	701	$\frac{11}{701}$	$\frac{157}{701}$	$\frac{230}{701}$	$\frac{272}{701}$	$\Phi_{701}\ \Phi_{1}^{2}$
28602	702	308	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{308}^{4}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}^{2}\ \Phi_{28}^{4}\ \Phi_{22}\ \Phi_{4}^{2}$
28603	702	188	$\frac{1}{47}$	$\frac{23}{94}$	$\frac{1}{4}$	$\frac{71}{188}$	$\Phi_{188}^{3}\ \Phi_{94}^{5}\ \Phi_{47}^{4}\ \Phi_{4}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
28604	702	864	$\frac{1}{27}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
28605	702	760	$\frac{1}{40}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}$
28606	702	378	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{378}^{3}\ \Phi_{189}\ \Phi_{126}^{3}\ \Phi_{63}\ \Phi_{54}^{3}\ \Phi_{42}^{3}\ \Phi_{21}\ \Phi_{18}^{3}\ \Phi_{6}^{3}$
28607	702	701	$\frac{35}{701}$	$\frac{74}{701}$	$\frac{209}{701}$	$\frac{246}{701}$	$\Phi_{701}\ \Phi_{1}^{2}$
28608	702	380	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{380}^{3}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}^{3}\ \Phi_{38}$
28609	702	770	$\frac{1}{14}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{770}\ \Phi_{385}\ \Phi_{154}\ \Phi_{110}\ \Phi_{77}\ \Phi_{70}\ \Phi_{35}\ \Phi_{22}\ \Phi_{10}$
28610	702	701	$\frac{50}{701}$	$\frac{51}{701}$	$\frac{217}{701}$	$\frac{242}{701}$	$\Phi_{701}\ \Phi_{1}^{2}$
28611	702	790	$\frac{4}{79}$	$\frac{1}{10}$	$\frac{25}{79}$	$\frac{27}{79}$	$\Phi_{790}\ \Phi_{395}\ \Phi_{158}$
28612	702	701	$\frac{14}{701}$	$\frac{155}{701}$	$\frac{229}{701}$	$\frac{236}{701}$	$\Phi_{701}\ \Phi_{1}^{2}$
28613	702	940	$\frac{4}{235}$	$\frac{1}{4}$	$\frac{77}{235}$	$\frac{79}{235}$	$\Phi_{940}\ \Phi_{470}\ \Phi_{188}\ \Phi_{94}\ \Phi_{20}\ \Phi_{10}$
28614	702	528	$\frac{1}{88}$	$\frac{29}{88}$	$\frac{1}{3}$	$\frac{59}{176}$	$\Phi_{528}^{3}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}^{3}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
28615	702	420	$\frac{1}{28}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{105}^{2}\ \Phi_{84}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{42}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{6}$
28616	702	348	$\frac{1}{58}$	$\frac{1}{4}$	$\frac{19}{58}$	$\frac{1}{3}$	$\Phi_{348}^{4}\ \Phi_{174}^{2}\ \Phi_{87}^{2}\ \Phi_{12}^{5}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
28617	702	1056	$\frac{7}{352}$	$\frac{79}{352}$	$\frac{115}{352}$	$\frac{1}{3}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
28618	702	795	$\frac{2}{53}$	$\frac{2}{15}$	$\frac{17}{53}$	$\frac{1}{3}$	$\Phi_{795}\ \Phi_{265}\ \Phi_{53}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
28619	702	132	$\frac{1}{22}$	$\frac{5}{44}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{132}^{9}\,\Phi_{66}^{7}\,\Phi_{33}^{7}\,\Phi_{12}^{9}\,\Phi_{6}^{7}\,\Phi_{3}^{6}$
28620	702	570	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{570}^{2}\,\Phi_{285}^{2}\,\Phi_{114}^{2}\,\Phi_{30}^{3}\,\Phi_{15}^{3}\,\Phi_{6}^{3}$
28621	702	384	$\frac{1}{16}$	$\frac{11}{128}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{384}^{3}\,\Phi_{192}^{3}\,\Phi_{96}^{3}\,\Phi_{48}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}$
28622	702	1056	$\frac{25}{352}$	$\frac{27}{352}$	$\frac{109}{352}$	$\frac{1}{3}$	$\Phi_{1056}\,\Phi_{528}\,\Phi_{264}\,\Phi_{132}\,\Phi_{96}\,\Phi_{66}\,\Phi_{48}\,\Phi_{33}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}$
28623	702	546	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{546}^{2}\,\Phi_{273}^{2}\,\Phi_{78}^{2}\,\Phi_{42}^{3}\,\Phi_{21}^{3}\,\Phi_{6}^{3}$
28624	702	1056	$\frac{19}{352}$	$\frac{37}{352}$	$\frac{105}{352}$	$\frac{1}{3}$	$\Phi_{1056}\,\Phi_{528}\,\Phi_{264}\,\Phi_{132}\,\Phi_{96}\,\Phi_{66}\,\Phi_{48}\,\Phi_{33}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}$
28625	702	252	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{252}^{4}\,\Phi_{126}^{4}\,\Phi_{84}\,\Phi_{63}^{4}\,\Phi_{42}\,\Phi_{36}^{4}\,\Phi_{21}\,\Phi_{18}^{2}\,\Phi_{12}\,\Phi_{9}^{2}\,\Phi_{6}$
28626	702	480	$\frac{1}{32}$	$\frac{31}{160}$	$\frac{43}{160}$	$\frac{1}{3}$	$\Phi_{480}^{2}\,\Phi_{240}^{2}\,\Phi_{120}^{2}\,\Phi_{96}^{3}\,\Phi_{60}^{2}\,\Phi_{48}^{3}\,\Phi_{30}^{2}\,\Phi_{24}^{3}\,\Phi_{15}^{2}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{3}^{2}$
28627	702	120	$\frac{1}{40}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^{9}\,\Phi_{60}^{9}\,\Phi_{30}^{9}\,\Phi_{24}^{9}\,\Phi_{15}^{9}\,\Phi_{12}^{7}\,\Phi_{6}^{7}\,\Phi_{3}^{6}$
28628	702	1392	$\frac{3}{116}$	$\frac{113}{464}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1392}\,\Phi_{696}\,\Phi_{48}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}$
28629	702	1740	$\frac{1}{29}$	$\frac{28}{145}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1740}\,\Phi_{870}\,\Phi_{60}\,\Phi_{30}\,\Phi_{12}\,\Phi_{6}$
28630	702	336	$\frac{1}{28}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^{4}\,\Phi_{168}^{4}\,\Phi_{84}\,\Phi_{48}^{3}\,\Phi_{42}\,\Phi_{24}^{3}\,\Phi_{21}\,\Phi_{12}\,\Phi_{6}$
28631	702	1140	$\frac{1}{19}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}\,\Phi_{570}\,\Phi_{380}\,\Phi_{190}\,\Phi_{76}\,\Phi_{38}$
28632	702	348	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{348}^{4}\,\Phi_{174}^{4}\,\Phi_{12}^{5}\,\Phi_{6}^{5}$
28633	702	420	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^{4}\,\Phi_{210}^{2}\,\Phi_{105}^{2}\,\Phi_{84}^{2}\,\Phi_{60}^{2}\,\Phi_{42}\,\Phi_{30}\,\Phi_{21}\,\Phi_{15}\,\Phi_{12}\,\Phi_{6}$
28634	702	1344	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{97}{448}$	$\frac{1}{3}$	$\Phi_{1344}\,\Phi_{672}\,\Phi_{192}\,\Phi_{96}\,\Phi_{48}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}$
28635	702	1320	$\frac{1}{22}$	$\frac{21}{110}$	$\frac{89}{440}$	$\frac{1}{3}$	$\Phi_{1320}\,\Phi_{660}\,\Phi_{264}\,\Phi_{132}\,\Phi_{120}\,\Phi_{66}\,\Phi_{60}\,\Phi_{33}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}$
28636	702	96	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{1}{3}$	$\Phi_{96}^{13}\,\Phi_{48}^{9}\,\Phi_{24}^{9}\,\Phi_{12}^{9}\,\Phi_{6}^{9}\,\Phi_{3}^{8}$
28637	702	132	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{132}^{9}\,\Phi_{66}^{9}\,\Phi_{33}^{5}\,\Phi_{12}^{9}\,\Phi_{6}^{9}\,\Phi_{3}^{4}$
28638	702	795	$\frac{5}{53}$	$\frac{2}{15}$	$\frac{8}{53}$	$\frac{1}{3}$	$\Phi_{795}\,\Phi_{265}\,\Phi_{53}\,\Phi_{15}^{2}\,\Phi_{5}^{2}\,\Phi_{1}^{2}$
28639	702	210	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{210}^{4}\,\Phi_{105}^{3}\,\Phi_{70}^{5}\,\Phi_{42}^{4}\,\Phi_{35}^{4}\,\Phi_{21}^{4}\,\Phi_{14}^{5}\,\Phi_{7}^{4}$
28640	702	308	$\frac{2}{77}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{25}{77}$	$\Phi_{308}^{2}\,\Phi_{154}^{2}\,\Phi_{77}^{3}\,\Phi_{44}^{2}\,\Phi_{28}^{2}\,\Phi_{22}^{2}\,\Phi_{14}^{2}\,\Phi_{11}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
28641	702	701	$\frac{20}{701}$	$\frac{158}{701}$	$\frac{181}{701}$	$\frac{227}{701}$	$\Phi_{701}\,\Phi_{1}^{2}$
28642	702	940	$\frac{7}{235}$	$\frac{53}{235}$	$\frac{1}{4}$	$\frac{76}{235}$	$\Phi_{940}\,\Phi_{470}\,\Phi_{188}\,\Phi_{94}\,\Phi_{20}\,\Phi_{10}$
28643	702	460	$\frac{4}{115}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{37}{115}$	$\Phi_{460}^{2}\,\Phi_{230}^{2}\,\Phi_{92}^{2}\,\Phi_{46}^{2}\,\Phi_{20}^{3}\,\Phi_{10}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}$
28644	702	954	$\frac{2}{53}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{17}{53}$	$\Phi_{954}\,\Phi_{477}\,\Phi_{53}\,\Phi_{18}^{2}\,\Phi_{9}^{2}\,\Phi_{1}^{2}$
28645	702	848	$\frac{2}{53}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{17}{53}$	$\Phi_{848}\,\Phi_{424}\,\Phi_{53}\,\Phi_{16}^{2}\,\Phi_{8}^{2}\,\Phi_{1}^{2}$
28646	702	323	$\frac{1}{19}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{6}{19}$	$\Phi_{323}^{2}\,\Phi_{19}^{4}\,\Phi_{17}^{3}\,\Phi_{1}^{6}$
28647	702	532	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{532}^{2}\,\Phi_{266}^{2}\,\Phi_{28}^{3}\,\Phi_{14}^{3}$
28648	702	701	$\frac{38}{701}$	$\frac{80}{701}$	$\frac{207}{701}$	$\frac{221}{701}$	$\Phi_{701}\,\Phi_{1}^{2}$
28649	702	826	$\frac{7}{118}$	$\frac{1}{7}$	$\frac{27}{118}$	$\frac{37}{118}$	$\Phi_{826}\,\Phi_{413}\,\Phi_{14}$
28650	702	701	$\frac{47}{701}$	$\frac{90}{701}$	$\frac{161}{701}$	$\frac{218}{701}$	$\Phi_{701}\,\Phi_{1}^{2}$
28651	702	940	$\frac{16}{235}$	$\frac{27}{235}$	$\frac{1}{4}$	$\frac{73}{235}$	$\Phi_{940}\,\Phi_{470}\,\Phi_{188}\,\Phi_{94}\,\Phi_{20}\,\Phi_{10}$
28652	702	195	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{195}^{4}\,\Phi_{65}^{2}\,\Phi_{39}^{4}\,\Phi_{15}^{6}\,\Phi_{13}^{4}\,\Phi_{5}^{3}\,\Phi_{3}^{6}\,\Phi_{1}^{6}$
28653	702	476	$\frac{1}{14}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{476}^{2}\,\Phi_{238}\,\Phi_{119}\,\Phi_{68}\,\Phi_{28}^{4}\,\Phi_{17}\,\Phi_{14}^{2}\,\Phi_{7}^{2}\,\Phi_{4}^{2}\,\Phi_{1}^{2}$
28654	702	770	$\frac{1}{14}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{770}\,\Phi_{385}\,\Phi_{154}\,\Phi_{110}\,\Phi_{77}\,\Phi_{70}\,\Phi_{35}\,\Phi_{22}\,\Phi_{10}$
28655	702	701	$\frac{41}{701}$	$\frac{110}{701}$	$\frac{168}{701}$	$\frac{197}{701}$	$\Phi_{701}\,\Phi_{1}^{2}$
28656	702	940	$\frac{13}{235}$	$\frac{37}{235}$	$\frac{1}{4}$	$\frac{66}{235}$	$\Phi_{940}\,\Phi_{470}\,\Phi_{188}\,\Phi_{94}\,\Phi_{20}\,\Phi_{10}$
28657	702	350	$\frac{1}{14}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{350}^{2}\,\Phi_{175}^{2}\,\Phi_{70}^{3}\,\Phi_{50}^{2}\,\Phi_{35}^{3}\,\Phi_{14}^{2}\,\Phi_{10}^{3}\,\Phi_{7}^{2}\,\Phi_{2}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
28658	702	684	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{684}^2\ \Phi_{342}\ \Phi_{171}\ \Phi_{76}\ \Phi_{38}$
28659	702	954	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{954}\ \Phi_{477}\ \Phi_{53}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
28660	702	630	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{126}\ \Phi_{70}\ \Phi_{63}\ \Phi_{35}\ \Phi_{14}$
28661	702	108	$\frac{1}{27}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{108}^7\ \Phi_{54}^7\ \Phi_{36}^7\ \Phi_{27}^6\ \Phi_{18}^7\ \Phi_{12}^7\ \Phi_9^6\ \Phi_6^7\ \Phi_3^6$
28662	702	304	$\frac{1}{19}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{304}^3\ \Phi_{152}^3\ \Phi_{76}\ \Phi_{38}$
28663	702	308	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{308}^2\ \Phi_{154}^2\ \Phi_{77}^3\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^3\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
28664	702	28	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{28}^{22}\ \Phi_{14}^{28}\ \Phi_7^{27}\ \Phi_4^{24}\ \Phi_2^{30}\ \Phi_1^{30}$
28665	702	44	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{44}^{16}\ \Phi_{22}^{16}\ \Phi_{11}^{15}\ \Phi_4^{18}\ \Phi_2^{18}\ \Phi_1^{18}$
28666	702	60	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{60}^{18}\ \Phi_{30}^8\ \Phi_{20}^{11}\ \Phi_{15}^{10}\ \Phi_{12}^{18}\ \Phi_{10}^5\ \Phi_6^8\ \Phi_5^6\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^4\ \Phi_1^6$
28667	702	848	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{848}\ \Phi_{424}\ \Phi_{53}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
28668	702	560	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{14}$
28669	702	188	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{8}{47}$	$\frac{1}{4}$	$\Phi_{188}^5\ \Phi_{94}^5\ \Phi_4^4\ \Phi_2^4$
28670	703	1392	$\frac{7}{696}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{689}{1392}$	$\Phi_{1392}\ \Phi_{464}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
28671	703	1248	$\frac{1}{78}$	$\frac{79}{624}$	$\frac{545}{1248}$	$\frac{77}{156}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{156}\ \Phi_{96}\ \Phi_{52}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$
28672	703	936	$\frac{1}{78}$	$\frac{233}{936}$	$\frac{79}{312}$	$\frac{77}{156}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{72}\ \Phi_{52}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
28673	703	846	$\frac{2}{141}$	$\frac{143}{846}$	$\frac{1}{3}$	$\frac{139}{282}$	$\Phi_{846}\ \Phi_{423}\ \Phi_{141}\ \Phi_{47}\ \Phi_{18}\ \Phi_9\ \Phi_1$
28674	703	1296	$\frac{1}{54}$	$\frac{55}{648}$	$\frac{593}{1296}$	$\frac{53}{108}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{108}\ \Phi_{48}\ \Phi_{36}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
28675	703	972	$\frac{1}{54}$	$\frac{55}{324}$	$\frac{269}{972}$	$\frac{53}{108}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{108}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
28676	703	864	$\frac{1}{54}$	$\frac{161}{864}$	$\frac{55}{216}$	$\frac{53}{108}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
28677	703	1380	$\frac{13}{690}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{677}{1380}$	$\Phi_{1380}\ \Phi_{460}\ \Phi_{276}\ \Phi_{92}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
28678	703	72	$\frac{1}{36}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{35}{72}$	$\Phi_{72}^{19}\ \Phi_{36}\ \Phi_{24}^{19}\ \Phi_{12}\ \Phi_8^{19}\ \Phi_4\ \Phi_1$
28679	703	504	$\frac{1}{36}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{504}^3\ \Phi_{168}^3\ \Phi_{72}\ \Phi_{56}^3\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$
28680	703	216	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{35}{72}$	$\Phi_{216}^9\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
28681	703	72	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{35}{72}$	$\Phi_{72}^7\ \Phi_{36}^{12}\ \Phi_{24}^8\ \Phi_{18}^{12}\ \Phi_{12}^{13}\ \Phi_9^{12}\ \Phi_8^8\ \Phi_6^{12}\ \Phi_4^{13}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
28682	703	1352	$\frac{1}{26}$	$\frac{27}{676}$	$\frac{649}{1352}$	$\frac{25}{52}$	$\Phi_{1352}\ \Phi_{104}\ \Phi_{52}\ \Phi_8\ \Phi_4\ \Phi_1$
28683	703	468	$\frac{2}{39}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{468}^3\ \Phi_{156}^3\ \Phi_{52}^3\ \Phi_{39}\ \Phi_{36}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
28684	703	108	$\frac{1}{18}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{17}{36}$	$\Phi_{108}^{18}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
28685	703	360	$\frac{1}{18}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^3\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
28686	703	144	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{17}{36}$	$\Phi_{144}^6\ \Phi_{72}^6\ \Phi_{48}^7\ \Phi_{36}\ \Phi_{24}^7\ \Phi_{16}^7\ \Phi_{12}\ \Phi_8^7\ \Phi_4\ \Phi_1$
28687	703	180	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{17}{36}$	$\Phi_{180}^9\ \Phi_{60}^9\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}^9\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
28688	703	252	$\frac{1}{18}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{252}^6\ \Phi_{84}^6\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}^6\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
28689	703	1300	$\frac{1}{13}$	$\frac{53}{650}$	$\frac{12}{65}$	$\frac{597}{1300}$	$\Phi_{1300}\ \Phi_{260}\ \Phi_{100}\ \Phi_{65}\ \Phi_{52}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
28690	703	858	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{155}{858}$	$\frac{131}{286}$	$\Phi_{858}\ \Phi_{429}\ \Phi_{143}\ \Phi_{78}\ \Phi_{66}\ \Phi_{39}\ \Phi_{33}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
28691	703	1296	$\frac{1}{27}$	$\frac{55}{648}$	$\frac{26}{81}$	$\frac{593}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{81}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
28692	703	1296	$\frac{1}{18}$	$\frac{55}{648}$	$\frac{17}{72}$	$\frac{593}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
28693	703	972	$\frac{1}{27}$	$\frac{26}{243}$	$\frac{269}{972}$	$\frac{217}{486}$	$\Phi_{972}\ \Phi_{324}\ \Phi_{243}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
28694	703	1260	$\frac{1}{18}$	$\frac{73}{630}$	$\frac{17}{90}$	$\frac{557}{1260}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{90}\ \Phi_{84}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
28695	703	864	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{161}{864}$	$\frac{127}{288}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
28696	703	1248	$\frac{1}{26}$	$\frac{79}{624}$	$\frac{25}{104}$	$\frac{545}{1248}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{104}\ \Phi_{96}\ \Phi_{52}\ \Phi_{32}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
28697	703	720	$\frac{17}{720}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
28698	703	1044	$\frac{7}{348}$	$\frac{1}{6}$	$\frac{341}{1044}$	$\frac{5}{12}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{261}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
28699	703	720	$\frac{17}{720}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
28700	703	780	$\frac{1}{13}$	$\frac{77}{780}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
28701	703	608	$\frac{1}{38}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{608}^2\ \Phi_{76}^2\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{4}\ \Phi_{1}$
28702	703	1152	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{127}{576}$	$\frac{449}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
28703	703	1144	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{131}{572}$	$\frac{441}{1144}$	$\Phi_{1144}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
28704	703	832	$\frac{1}{26}$	$\frac{129}{832}$	$\frac{25}{104}$	$\frac{79}{208}$	$\Phi_{832}\ \Phi_{416}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{32}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
28705	703	1128	$\frac{2}{141}$	$\frac{139}{564}$	$\frac{1}{3}$	$\frac{425}{1128}$	$\Phi_{1128}\ \Phi_{376}\ \Phi_{141}\ \Phi_{47}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
28706	703	456	$\frac{1}{38}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{456}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
28707	703	570	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{570}\ \Phi_{285}\ \Phi_{190}^2\ \Phi_{114}\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
28708	703	1092	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{157}{546}$	$\frac{389}{1092}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{182}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{52}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
28709	703	1080	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{163}{540}$	$\frac{377}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
28710	703	810	$\frac{1}{27}$	$\frac{107}{810}$	$\frac{26}{81}$	$\frac{55}{162}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{81}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
28711	703	273	$\frac{2}{39}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{273}^3\ \Phi_{91}^3\ \Phi_{39}\ \Phi_{21}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}$
28712	703	1035	$\frac{13}{345}$	$\frac{2}{15}$	$\frac{332}{1035}$	$\frac{1}{3}$	$\Phi_{1035}\ \Phi_{207}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
28713	703	378	$\frac{1}{18}$	$\frac{2}{21}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{378}^3\ \Phi_{189}^3\ \Phi_{54}\ \Phi_{27}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
28714	703	351	$\frac{2}{39}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{351}^3\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_{1}$
28715	703	840	$\frac{3}{40}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{21}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
28716	703	336	$\frac{1}{12}$	$\frac{2}{21}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{48}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
28717	703	312	$\frac{2}{39}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{39}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
28718	703	315	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{315}^3\ \Phi_{105}^3\ \Phi_{45}\ \Phi_{35}^3\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
28719	703	42	$\frac{2}{21}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{42}^{16}\ \Phi_{21}^{17}\ \Phi_{14}^{16}\ \Phi_{7}^{17}\ \Phi_{6}^{18}\ \Phi_{3}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
28720	703	972	$\frac{1}{27}$	$\frac{55}{324}$	$\frac{269}{972}$	$\frac{26}{81}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{81}\ \Phi_{1}$
28721	703	54	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{17}{54}$	$\Phi_{54}^{10}\ \Phi_{27}^{11}\ \Phi_{18}^{18}\ \Phi_{9}^{18}\ \Phi_{6}^{18}\ \Phi_{3}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
28722	703	216	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{17}{54}$	$\Phi_{216}^6\ \Phi_{108}^6\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
28723	703	1080	$\frac{3}{40}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{40}\ \Phi_{27}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
28724	703	432	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{48}$	$\frac{8}{27}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
28725	703	135	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{8}{27}$	$\Phi_{135}^9\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
28726	703	378	$\frac{1}{9}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{378}^3\ \Phi_{189}^3\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
28727	703	975	$\frac{1}{13}$	$\frac{53}{325}$	$\frac{12}{65}$	$\frac{272}{975}$	$\Phi_{975}\ \Phi_{195}\ \Phi_{75}\ \Phi_{65}\ \Phi_{39}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
28728	703	864	$\frac{1}{18}$	$\frac{161}{864}$	$\frac{17}{72}$	$\frac{55}{216}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
28729	703	936	$\frac{1}{26}$	$\frac{25}{104}$	$\frac{233}{936}$	$\frac{79}{312}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
28730	703	120	$\frac{3}{40}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{120}^{6}\ \Phi_{60}^{6}\ \Phi_{40}^{7}\ \Phi_{30}^{6}\ \Phi_{24}^{3}\ \Phi_{20}^{7}\ \Phi_{15}^{6}\ \Phi_{12}^{5}\ \Phi_{10}^{7}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{7}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
28731	703	48	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{11}{48}$	$\Phi_{48}^{19}\ \Phi_{24}^{8}\ \Phi_{16}^{19}\ \Phi_{12}^{13}\ \Phi_{8}^{8}\ \Phi_{6}^{12}\ \Phi_{4}^{13}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
28732	703	45	$\frac{1}{9}$	$\frac{7}{45}$	$\frac{8}{45}$	$\frac{2}{9}$	$\Phi_{45}^{15}\ \Phi_{15}^{15}\ \Phi_{9}^{18}\ \Phi_{5}^{15}\ \Phi_{3}^{18}\ \Phi_{1}^{19}$
28733	703	360	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{45}$	$\frac{5}{24}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{3}\ \Phi_{60}^{3}\ \Phi_{45}\ \Phi_{40}^{3}\ \Phi_{24}\ \Phi_{20}^{3}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
28734	703	168	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{168}^{6}\ \Phi_{84}^{6}\ \Phi_{56}^{6}\ \Phi_{42}\ \Phi_{28}^{6}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
28735	704	525	$\frac{1}{175}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{87}{175}$	$\Phi_{525}\ \Phi_{175}^{2}\ \Phi_{105}\ \Phi_{75}\ \Phi_{35}^{2}\ \Phi_{25}^{2}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
28736	704	703	$\frac{5}{703}$	$\frac{177}{703}$	$\frac{263}{703}$	$\frac{349}{703}$	$\Phi_{703}\ \Phi_{37}\ \Phi_{19}\ \Phi_{1}^{2}$
28737	704	1059	$\frac{3}{353}$	$\frac{89}{353}$	$\frac{1}{3}$	$\frac{175}{353}$	Φ_{1059}
28738	704	609	$\frac{1}{87}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{43}{87}$	$\Phi_{609}\ \Phi_{203}\ \Phi_{87}^{2}\ \Phi_{29}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
28739	704	435	$\frac{1}{87}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{43}{87}$	$\Phi_{435}^{2}\ \Phi_{145}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
28740	704	703	$\frac{9}{703}$	$\frac{89}{703}$	$\frac{307}{703}$	$\frac{347}{703}$	$\Phi_{703}\ \Phi_{37}\ \Phi_{19}\ \Phi_{1}^{2}$
28741	704	1260	$\frac{1}{63}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{31}{63}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
28742	704	315	$\frac{1}{63}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{31}{63}$	$\Phi_{315}^{2}\ \Phi_{105}^{2}\ \Phi_{63}^{3}\ \Phi_{45}^{2}\ \Phi_{35}^{2}\ \Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
28743	704	295	$\frac{1}{59}$	$\frac{1}{5}$	$\frac{15}{59}$	$\frac{29}{59}$	$\Phi_{295}^{3}\ \Phi_{5}^{2}$
28744	704	703	$\frac{13}{703}$	$\frac{131}{703}$	$\frac{179}{703}$	$\frac{345}{703}$	$\Phi_{703}\ \Phi_{37}\ \Phi_{19}\ \Phi_{1}^{2}$
28745	704	1059	$\frac{7}{353}$	$\frac{45}{353}$	$\frac{1}{3}$	$\frac{173}{353}$	Φ_{1059}
28746	704	645	$\frac{1}{43}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{21}{43}$	$\Phi_{645}\ \Phi_{215}\ \Phi_{129}\ \Phi_{43}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
28747	704	387	$\frac{1}{43}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{387}^{2}\ \Phi_{129}\ \Phi_{43}^{2}\ \Phi_{9}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
28748	704	215	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{21}{43}$	$\Phi_{215}^{3}\ \Phi_{43}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
28749	704	703	$\frac{17}{703}$	$\frac{45}{703}$	$\frac{329}{703}$	$\frac{343}{703}$	$\Phi_{703}\ \Phi_{37}\ \Phi_{19}\ \Phi_{1}^{2}$
28750	704	333	$\frac{1}{37}$	$\frac{19}{333}$	$\frac{157}{333}$	$\frac{18}{37}$	$\Phi_{333}^{2}\ \Phi_{111}^{2}\ \Phi_{37}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
28751	704	111	$\frac{1}{37}$	$\frac{19}{111}$	$\frac{23}{111}$	$\frac{18}{37}$	$\Phi_{111}^{6}\ \Phi_{37}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
28752	704	171	$\frac{5}{171}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{83}{171}$	$\Phi_{171}^{4}\ \Phi_{57}^{4}\ \Phi_{19}^{5}\ \Phi_{9}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
28753	704	171	$\frac{5}{171}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{83}{171}$	$\Phi_{171}^{4}\ \Phi_{57}^{4}\ \Phi_{19}^{5}\ \Phi_{9}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
28754	704	651	$\frac{1}{31}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{15}{31}$	$\Phi_{651}\ \Phi_{217}\ \Phi_{93}\ \Phi_{31}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
28755	704	372	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{372}^{2}\ \Phi_{186}^{2}\ \Phi_{124}^{2}\ \Phi_{93}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
28756	704	434	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{15}{31}$	$\Phi_{434}^{2}\ \Phi_{217}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{14}^{4}\ \Phi_{7}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
28757	704	703	$\frac{23}{703}$	$\frac{33}{703}$	$\frac{335}{703}$	$\frac{340}{703}$	$\Phi_{703}\ \Phi_{37}\ \Phi_{19}\ \Phi_{1}^{2}$
28758	704	801	$\frac{3}{89}$	$\frac{1}{9}$	$\frac{23}{89}$	$\frac{43}{89}$	$\Phi_{801}\ \Phi_{267}$
28759	704	703	$\frac{25}{703}$	$\frac{91}{703}$	$\frac{153}{703}$	$\frac{339}{703}$	$\Phi_{703}\ \Phi_{37}\ \Phi_{19}\ \Phi_{1}^{2}$
28760	704	885	$\frac{7}{177}$	$\frac{23}{177}$	$\frac{1}{5}$	$\frac{85}{177}$	$\Phi_{885}\ \Phi_{295}\ \Phi_{15}$
28761	704	703	$\frac{29}{703}$	$\frac{65}{703}$	$\frac{183}{703}$	$\frac{337}{703}$	$\Phi_{703}\ \Phi_{37}\ \Phi_{19}\ \Phi_{1}^{2}$
28762	704	1059	$\frac{15}{353}$	$\frac{23}{353}$	$\frac{1}{3}$	$\frac{169}{353}$	Φ_{1059}
28763	704	780	$\frac{3}{65}$	$\frac{1}{12}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
28764	704	357	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{357}^{2}\ \Phi_{119}^{2}\ \Phi_{51}^{3}\ \Phi_{17}^{2}$
28765	704	651	$\frac{1}{21}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{10}{21}$	$\Phi_{651}\ \Phi_{217}\ \Phi_{93}\ \Phi_{31}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
28766	704	315	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{315}^{3}\ \Phi_{105}^{2}\ \Phi_{45}^{4}\ \Phi_{35}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
28767	704	513	$\frac{1}{19}$	$\frac{10}{171}$	$\frac{161}{513}$	$\frac{9}{19}$	$\Phi_{513}^{2}\ \Phi_{27}^{2}\ \Phi_{19}\ \Phi_{1}^{2}$
28768	704	95	$\frac{1}{19}$	$\frac{7}{95}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{95}^{8}\ \Phi_{19}^{5}\ \Phi_{5}^{8}\ \Phi_{1}^{6}$
28769	704	57	$\frac{1}{19}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{9}{19}$	$\Phi_{57}^{12}\ \Phi_{19}^{13}\ \Phi_{3}^{12}\ \Phi_{1}^{14}$
28770	704	399	$\frac{1}{19}$	$\frac{47}{399}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{399}^{2}\ \Phi_{133}^{2}\ \Phi_{21}^{2}\ \Phi_{19}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
28771	704	703	$\frac{41}{703}$	$\frac{47}{703}$	$\frac{186}{703}$	$\frac{331}{703}$	$\Phi_{703}\ \Phi_{37}\ \Phi_{19}\ \Phi_{1}^{2}$
28772	704	1059	$\frac{17}{353}$	$\frac{21}{353}$	$\frac{1}{3}$	$\frac{166}{353}$	Φ_{1059}
28773	704	345	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{345}^{2}\ \Phi_{115}^{2}\ \Phi_{69}^{3}\ \Phi_{23}^{2}$
28774	704	255	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{255}^{3}\ \Phi_{85}^{3}\ \Phi_{51}^{3}\ \Phi_{17}^{2}$
28775	704	645	$\frac{1}{15}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{7}{15}$	$\Phi_{645}\ \Phi_{215}\ \Phi_{129}\ \Phi_{43}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
28776	704	60	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{60}^{13}\ \Phi_{30}^{13}\ \Phi_{20}^{13}\ \Phi_{15}^{9}\ \Phi_{12}^{12}\ \Phi_{10}^{13}\ \Phi_{6}^{12}\ \Phi_{5}^{8}\ \Phi_{4}^{12}\ \Phi_{3}^{8}\ \Phi_{2}^{12}\ \Phi_{1}^{8}$
28777	704	703	$\frac{47}{703}$	$\frac{49}{703}$	$\frac{164}{703}$	$\frac{327}{703}$	$\Phi_{703}\ \Phi_{37}\ \Phi_{19}\ \Phi_{1}^{2}$
28778	704	156	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{156}^{5}\ \Phi_{78}^{5}\ \Phi_{52}^{5}\ \Phi_{39}^{3}\ \Phi_{26}^{5}\ \Phi_{13}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
28779	704	801	$\frac{7}{89}$	$\frac{1}{9}$	$\frac{12}{89}$	$\frac{41}{89}$	$\Phi_{801}\ \Phi_{267}$
28780	704	37	$\frac{3}{37}$	$\frac{4}{37}$	$\frac{5}{37}$	$\frac{17}{37}$	$\Phi_{37}^{19}\ \Phi_{1}^{20}$
28781	704	295	$\frac{4}{59}$	$\frac{5}{59}$	$\frac{1}{5}$	$\frac{27}{59}$	$\Phi_{295}^{3}\ \Phi_{5}^{2}$
28782	704	703	$\frac{32}{703}$	$\frac{61}{703}$	$\frac{191}{703}$	$\frac{321}{703}$	$\Phi_{703}\ \Phi_{37}\ \Phi_{19}\ \Phi_{1}^{2}$
28783	704	1059	$\frac{12}{353}$	$\frac{31}{353}$	$\frac{1}{3}$	$\frac{161}{353}$	Φ_{1059}
28784	704	253	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{253}^{3}\ \Phi_{23}^{2}$
28785	704	703	$\frac{35}{703}$	$\frac{67}{703}$	$\frac{167}{703}$	$\frac{318}{703}$	$\Phi_{703}\ \Phi_{37}\ \Phi_{19}\ \Phi_{1}^{2}$
28786	704	660	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{660}^{2}\ \Phi_{220}^{2}\ \Phi_{132}^{2}\ \Phi_{60}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{20}^{2}\ \Phi_{12}\ \Phi_{11}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
28787	704	420	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{5}{21}$	$\frac{9}{20}$	$\Phi_{420}^{3}\ \Phi_{140}^{3}\ \Phi_{84}^{3}\ \Phi_{60}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{20}^{4}\ \Phi_{12}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
28788	704	340	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{340}^{4}\ \Phi_{85}\ \Phi_{68}^{4}$
28789	704	140	$\frac{3}{35}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{140}^{9}\ \Phi_{35}^{2}\ \Phi_{28}^{9}\ \Phi_{20}^{10}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{4}^{10}\ \Phi_{1}^{2}$
28790	704	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{180}^{7}\ \Phi_{60}^{7}\ \Phi_{36}^{7}\ \Phi_{20}^{8}\ \Phi_{12}^{7}\ \Phi_{9}^{7}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
28791	704	780	$\frac{1}{12}$	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{29}{65}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
28792	704	459	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{459}^{2}\ \Phi_{153}\ \Phi_{51}$
28793	704	703	$\frac{55}{703}$	$\frac{81}{703}$	$\frac{98}{703}$	$\frac{311}{703}$	$\Phi_{703}\ \Phi_{37}\ \Phi_{19}\ \Phi_{1}^{2}$
28794	704	295	$\frac{3}{59}$	$\frac{7}{59}$	$\frac{1}{5}$	$\frac{26}{59}$	$\Phi_{295}^{3}\ \Phi_{5}^{2}$
28795	704	703	$\frac{23}{703}$	$\frac{85}{703}$	$\frac{197}{703}$	$\frac{309}{703}$	$\Phi_{703}\ \Phi_{37}\ \Phi_{19}\ \Phi_{1}^{2}$
28796	704	1059	$\frac{9}{353}$	$\frac{43}{353}$	$\frac{1}{3}$	$\frac{155}{353}$	Φ_{1059}
28797	704	315	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{315}^{2}\ \Phi_{105}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{4}\ \Phi_{35}^{2}\ \Phi_{21}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
28798	704	203	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{7}{29}$	$\frac{3}{7}$	$\Phi_{203}^{3}\ \Phi_{29}^{6}\ \Phi_{7}^{4}\ \Phi_{1}^{8}$
28799	704	805	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{805}\ \Phi_{115}^{2}$
28800	704	609	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{609}\ \Phi_{203}\ \Phi_{87}^{2}\ \Phi_{29}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
28801	704	252	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{252}^{3}\ \Phi_{126}^{3}\ \Phi_{84}^{2}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{6}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{18}^{6}\ \Phi_{14}^{2}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
28802	704	765	$\frac{1}{45}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}\ \Phi_{85}\ \Phi_{51}$
28803	704	37	$\frac{1}{37}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{15}{37}$	$\Phi_{37}^{19}\ \Phi_{1}^{20}$
28804	704	37	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{15}{37}$	$\Phi_{37}^{19}\ \Phi_{1}^{20}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
28805	704	425	$\frac{1}{17}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{425}^{2}\ \Phi_{85}$
28806	704	420	$\frac{1}{12}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}\ \Phi_{42}^{2}\ \Phi_{30}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{10}$
28807	704	759	$\frac{1}{23}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{759}\ \Phi_{253}\ \Phi_{69}$
28808	704	703	$\frac{39}{703}$	$\frac{83}{703}$	$\frac{155}{703}$	$\frac{274}{703}$	$\Phi_{703}\ \Phi_{37}\ \Phi_{19}\ \Phi_{1}^{2}$
28809	704	1170	$\frac{1}{65}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1170}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{130}\ \Phi_{90}\ \Phi_{78}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{10}$
28810	704	306	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{306}^{4}\ \Phi_{153}\ \Phi_{102}^{4}\ \Phi_{51}\ \Phi_{34}^{4}$
28811	704	703	$\frac{54}{703}$	$\frac{59}{703}$	$\frac{161}{703}$	$\frac{271}{703}$	$\Phi_{703}\ \Phi_{37}\ \Phi_{19}\ \Phi_{1}^{2}$
28812	704	156	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{156}^{5}\ \Phi_{78}^{5}\ \Phi_{52}^{5}\ \Phi_{39}^{5}\ \Phi_{26}^{5}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
28813	704	801	$\frac{5}{89}$	$\frac{1}{9}$	$\frac{21}{89}$	$\frac{34}{89}$	$\Phi_{801}\ \Phi_{267}$
28814	704	703	$\frac{27}{703}$	$\frac{109}{703}$	$\frac{169}{703}$	$\frac{267}{703}$	$\Phi_{703}\ \Phi_{37}\ \Phi_{19}\ \Phi_{1}^{2}$
28815	704	885	$\frac{5}{177}$	$\frac{1}{5}$	$\frac{43}{177}$	$\frac{67}{177}$	$\Phi_{885}\ \Phi_{295}\ \Phi_{15}$
28816	704	111	$\frac{1}{37}$	$\frac{23}{111}$	$\frac{9}{37}$	$\frac{14}{37}$	$\Phi_{111}^{8}\ \Phi_{37}^{3}\ \Phi_{3}^{8}\ \Phi_{1}^{4}$
28817	704	703	$\frac{11}{703}$	$\frac{173}{703}$	$\frac{219}{703}$	$\frac{265}{703}$	$\Phi_{703}\ \Phi_{37}\ \Phi_{19}\ \Phi_{1}^{2}$
28818	704	1059	$\frac{5}{353}$	$\frac{87}{353}$	$\frac{1}{3}$	$\frac{133}{353}$	Φ_{1059}
28819	704	1040	$\frac{1}{65}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1040}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{80}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
28820	704	555	$\frac{1}{37}$	$\frac{36}{185}$	$\frac{149}{555}$	$\frac{203}{555}$	$\Phi_{555}\ \Phi_{185}^{2}\ \Phi_{111}\ \Phi_{37}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
28821	704	267	$\frac{1}{89}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{267}^{3}\ \Phi_{89}^{2}$
28822	704	525	$\frac{3}{175}$	$\frac{43}{175}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{525}\ \Phi_{175}^{2}\ \Phi_{105}\ \Phi_{75}\ \Phi_{35}^{2}\ \Phi_{25}^{2}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
28823	704	45	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{45}^{16}\ \Phi_{15}^{15}\ \Phi_{9}^{16}\ \Phi_{5}^{14}\ \Phi_{3}^{16}\ \Phi_{1}^{16}$
28824	704	105	$\frac{1}{35}$	$\frac{17}{105}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^{7}\ \Phi_{35}^{6}\ \Phi_{21}^{7}\ \Phi_{15}^{7}\ \Phi_{7}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
28825	704	273	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{273}^{2}\ \Phi_{91}^{4}\ \Phi_{39}^{2}\ \Phi_{21}\ \Phi_{13}^{4}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
28826	704	75	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{75}^{7}\ \Phi_{25}^{14}\ \Phi_{15}^{7}\ \Phi_{5}^{14}\ \Phi_{3}^{8}\ \Phi_{1}^{16}$
28827	704	207	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{207}^{4}\ \Phi_{69}^{3}\ \Phi_{23}^{2}$
28828	704	105	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^{5}\ \Phi_{35}^{10}\ \Phi_{21}^{5}\ \Phi_{15}^{5}\ \Phi_{7}^{10}\ \Phi_{5}^{10}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
28829	704	204	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{204}^{4}\ \Phi_{102}^{4}\ \Phi_{68}^{4}\ \Phi_{51}^{3}\ \Phi_{34}^{4}\ \Phi_{17}^{2}$
28830	704	1305	$\frac{2}{87}$	$\frac{1}{5}$	$\frac{85}{261}$	$\frac{1}{3}$	$\Phi_{1305}\ \Phi_{45}\ \Phi_{15}$
28831	704	1071	$\frac{1}{17}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{1071}\ \Phi_{153}\ \Phi_{51}$
28832	704	1035	$\frac{1}{23}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{1035}\ \Phi_{207}\ \Phi_{69}$
28833	704	165	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{165}^{4}\ \Phi_{55}^{4}\ \Phi_{33}^{6}\ \Phi_{15}^{3}\ \Phi_{11}^{6}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
28834	704	435	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{7}{29}$	$\frac{1}{3}$	$\Phi_{435}^{3}\ \Phi_{15}^{4}$
28835	704	1059	$\frac{13}{353}$	$\frac{67}{353}$	$\frac{85}{353}$	$\frac{1}{3}$	Φ_{1059}
28836	704	387	$\frac{3}{43}$	$\frac{1}{9}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{387}^{2}\ \Phi_{129}\ \Phi_{43}^{2}\ \Phi_{9}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
28837	704	1059	$\frac{29}{353}$	$\frac{34}{353}$	$\frac{81}{353}$	$\frac{1}{3}$	Φ_{1059}
28838	704	372	$\frac{1}{12}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{372}^{2}\ \Phi_{186}^{2}\ \Phi_{124}^{2}\ \Phi_{93}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
28839	704	1059	$\frac{25}{353}$	$\frac{41}{353}$	$\frac{78}{353}$	$\frac{1}{3}$	Φ_{1059}
28840	704	714	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{714}^{2}\ \Phi_{357}\ \Phi_{102}^{2}\ \Phi_{51}^{2}$
28841	704	345	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{345}^{3}\ \Phi_{69}^{4}$
28842	704	435	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{435}^{2}\ \Phi_{145}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
28843	704	180	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{180}^{6}\ \Phi_{90}^{6}\ \Phi_{60}^{4}\ \Phi_{45}^{4}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
28844	704	180	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{180}^{6}\ \Phi_{90}^{6}\ \Phi_{60}\ \Phi_{45}^{4}\ \Phi_{36}^{6}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^{6}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}^{4}$
28845	704	105	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{5}{21}$	$\frac{4}{15}$	$\Phi_{105}^{6}\ \Phi_{35}^{6}\ \Phi_{21}^{9}\ \Phi_{15}^{7}\ \Phi_{7}^{9}\ \Phi_{5}^{6}\ \Phi_{3}^{10}\ \Phi_{1}^{10}$
28846	704	255	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{255}^{4}\ \Phi_{85}\ \Phi_{51}^{4}$
28847	704	300	$\frac{1}{12}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{300}^{3}\ \Phi_{150}^{3}\ \Phi_{100}^{3}\ \Phi_{75}^{2}\ \Phi_{60}\ \Phi_{50}^{3}\ \Phi_{30}\ \Phi_{25}^{2}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
28848	704	105	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{105}^{9}\ \Phi_{35}^{2}\ \Phi_{21}^{9}\ \Phi_{15}^{10}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{3}^{10}\ \Phi_{1}^{2}$
28849	704	45	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{45}^{14}\ \Phi_{15}^{15}\ \Phi_{9}^{21}\ \Phi_{5}^{14}\ \Phi_{3}^{22}\ \Phi_{1}^{22}$
28850	704	95	$\frac{7}{95}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{95}^{8}\ \Phi_{19}^{5}\ \Phi_{5}^{8}\ \Phi_{1}^{6}$
28851	704	215	$\frac{3}{43}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{10}{43}$	$\Phi_{215}^{3}\ \Phi_{43}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
28852	704	703	$\frac{51}{703}$	$\frac{135}{703}$	$\frac{142}{703}$	$\frac{163}{703}$	$\Phi_{703}\ \Phi_{37}\ \Phi_{19}\ \Phi_{1}^{2}$
28853	704	885	$\frac{13}{177}$	$\frac{34}{177}$	$\frac{1}{5}$	$\frac{41}{177}$	$\Phi_{885}\ \Phi_{295}\ \Phi_{15}$
28854	704	57	$\frac{5}{57}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{13}{57}$	$\Phi_{57}^{12}\ \Phi_{19}^{13}\ \Phi_{3}^{12}\ \Phi_{1}^{14}$
28855	704	434	$\frac{3}{31}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{7}{31}$	$\Phi_{434}^{2}\ \Phi_{217}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{14}^{4}\ \Phi_{7}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
28856	704	630	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{630}^{2}\ \Phi_{315}\ \Phi_{210}^{2}\ \Phi_{105}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}$
28857	704	60	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{60}^{13}\ \Phi_{30}^{13}\ \Phi_{20}^{13}\ \Phi_{15}^{13}\ \Phi_{12}^{12}\ \Phi_{10}^{13}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}$
28858	705	280	$\frac{1}{140}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{139}{280}$	$\Phi_{280}\ \Phi_{140}^{4}\ \Phi_{70}^{4}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}^{4}\ \Phi_{28}^{4}\ \Phi_{20}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{2}\ \Phi_{7}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
28859	705	944	$\frac{3}{236}$	$\frac{1}{4}$	$\frac{239}{944}$	$\frac{233}{472}$	$\Phi_{944}\ \Phi_{236}\ \Phi_{118}\ \Phi_{59}\ \Phi_{16}\ \Phi_{1}$
28860	705	464	$\frac{3}{232}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{229}{464}$	$\Phi_{464}^{3}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
28861	705	256	$\frac{1}{64}$	$\frac{13}{128}$	$\frac{115}{256}$	$\frac{63}{128}$	$\Phi_{256}^{5}\ \Phi_{128}\ \Phi_{1}$
28862	705	644	$\frac{1}{46}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{45}{92}$	$\Phi_{322}^{2}\ \Phi_{161}^{2}\ \Phi_{92}\ \Phi_{46}^{2}\ \Phi_{28}\ \Phi_{23}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
28863	705	644	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{45}{92}$	$\Phi_{644}^{2}\ \Phi_{92}^{3}\ \Phi_{28}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
28864	705	276	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{45}{92}$	$\Phi_{276}^{2}\ \Phi_{138}^{4}\ \Phi_{92}\ \Phi_{69}^{4}\ \Phi_{46}^{2}\ \Phi_{23}^{2}\ \Phi_{12}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
28865	705	720	$\frac{2}{45}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}^{2}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
28866	705	448	$\frac{11}{224}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{213}{448}$	$\Phi_{448}^{3}\ \Phi_{64}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
28867	705	64	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{64}^{15}\ \Phi_{16}^{14}\ \Phi_{8}^{14}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
28868	705	88	$\frac{1}{22}$	$\frac{3}{44}$	$\frac{7}{22}$	$\frac{41}{88}$	$\Phi_{88}^{15}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{15}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
28869	705	176	$\frac{1}{16}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{176}^{4}\ \Phi_{88}^{3}\ \Phi_{44}^{4}\ \Phi_{22}^{4}\ \Phi_{16}^{7}\ \Phi_{11}^{4}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
28870	705	88	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{41}{88}$	$\Phi_{88}^{15}\ \Phi_{11}^{4}\ \Phi_{8}^{15}\ \Phi_{1}^{5}$
28871	705	286	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{51}{286}$	$\frac{133}{286}$	$\Phi_{286}^{2}\ \Phi_{143}^{3}\ \Phi_{26}^{2}\ \Phi_{22}^{2}\ \Phi_{13}^{3}\ \Phi_{11}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
28872	705	1932	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{22}{69}$	$\frac{13}{28}$	$\Phi_{1932}\ \Phi_{276}\ \Phi_{84}\ \Phi_{69}\ \Phi_{28}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
28873	705	968	$\frac{1}{22}$	$\frac{21}{242}$	$\frac{263}{968}$	$\frac{221}{484}$	$\Phi_{968}\ \Phi_{242}\ \Phi_{121}\ \Phi_{88}\ \Phi_{8}\ \Phi_{1}$
28874	705	256	$\frac{1}{16}$	$\frac{13}{128}$	$\frac{3}{16}$	$\frac{115}{256}$	$\Phi_{256}^{5}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
28875	705	288	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{53}{288}$	$\frac{43}{96}$	$\Phi_{288}^{3}\ \Phi_{144}^{3}\ \Phi_{72}^{3}\ \Phi_{48}^{3}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{16}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
28876	705	336	$\frac{1}{16}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{112}^{2}\ \Phi_{84}\ \Phi_{56}^{2}\ \Phi_{48}^{4}\ \Phi_{42}^{2}\ \Phi_{28}\ \Phi_{24}^{4}\ \Phi_{21}^{2}\ \Phi_{16}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
28877	705	80	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{80}^{7}\ \Phi_{40}^{8}\ \Phi_{20}^{8}\ \Phi_{16}^{14}\ \Phi_{10}^{8}\ \Phi_{8}^{14}\ \Phi_{5}^{8}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
28878	705	154	$\frac{13}{154}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{154}^{5}\ \Phi_{77}^{5}\ \Phi_{14}^{5}\ \Phi_{11}^{4}\ \Phi_{7}^{5}\ \Phi_{1}^{5}$
28879	705	160	$\frac{1}{16}$	$\frac{19}{160}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{160}^{5}\ \Phi_{80}^{5}\ \Phi_{40}^{5}\ \Phi_{20}^{5}\ \Phi_{16}^{4}\ \Phi_{10}^{5}\ \Phi_{8}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
28880	705	384	$\frac{1}{64}$	$\frac{43}{192}$	$\frac{21}{64}$	$\frac{149}{384}$	$\Phi_{384}^{3}\ \Phi_{128}^{3}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
28881	705	384	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{43}{192}$	$\frac{149}{384}$	$\Phi_{384}^{3}\,\Phi_{128}^{3}\,\Phi_{48}^{3}\,\Phi_{24}^{3}\,\Phi_{16}^{2}\,\Phi_{12}^{3}\,\Phi_{8}^{2}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
28882	705	1144	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{133}{572}$	$\frac{439}{1144}$	$\Phi_{1144}\,\Phi_{143}\,\Phi_{104}\,\Phi_{88}\,\Phi_{13}\,\Phi_{8}\,\Phi_{1}$
28883	705	1024	$\frac{1}{64}$	$\frac{63}{256}$	$\frac{319}{1024}$	$\frac{193}{512}$	$\Phi_{1024}\,\Phi_{256}\,\Phi_{128}\,\Phi_{1}$
28884	705	280	$\frac{1}{70}$	$\frac{1}{4}$	$\frac{23}{70}$	$\frac{3}{8}$	$\Phi_{280}^{4}\,\Phi_{70}^{2}\,\Phi_{56}^{4}\,\Phi_{40}^{4}\,\Phi_{35}^{2}\,\Phi_{14}^{2}\,\Phi_{10}^{2}\,\Phi_{8}^{5}\,\Phi_{7}^{2}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
28885	705	48	$\frac{1}{48}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{48}^{15}\,\Phi_{24}^{15}\,\Phi_{16}^{15}\,\Phi_{12}^{15}\,\Phi_{8}^{12}\,\Phi_{6}^{15}\,\Phi_{4}^{14}\,\Phi_{3}^{15}\,\Phi_{2}^{14}\,\Phi_{1}^{15}$
28886	705	1160	$\frac{4}{145}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1160}\,\Phi_{232}\,\Phi_{145}\,\Phi_{29}\,\Phi_{8}\,\Phi_{1}$
28887	705	1400	$\frac{1}{35}$	$\frac{34}{175}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1400}\,\Phi_{200}\,\Phi_{175}\,\Phi_{25}\,\Phi_{8}\,\Phi_{1}$
28888	705	56	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{56}^{11}\,\Phi_{28}^{14}\,\Phi_{14}^{14}\,\Phi_{8}^{12}\,\Phi_{7}^{14}\,\Phi_{4}^{14}\,\Phi_{2}^{14}\,\Phi_{1}^{15}$
28889	705	392	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{392}^{3}\,\Phi_{56}^{2}\,\Phi_{49}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
28890	705	160	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{160}^{5}\,\Phi_{80}^{5}\,\Phi_{40}\,\Phi_{32}^{5}\,\Phi_{20}^{4}\,\Phi_{16}^{5}\,\Phi_{10}^{4}\,\Phi_{8}^{2}\,\Phi_{5}^{4}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
28891	705	200	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{200}^{6}\,\Phi_{50}^{3}\,\Phi_{40}^{4}\,\Phi_{25}^{3}\,\Phi_{10}^{2}\,\Phi_{8}^{5}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
28892	705	616	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}^{2}\,\Phi_{154}\,\Phi_{88}^{2}\,\Phi_{77}\,\Phi_{22}\,\Phi_{11}\,\Phi_{8}\,\Phi_{1}$
28893	705	144	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{144}^{4}\,\Phi_{72}^{3}\,\Phi_{48}^{8}\,\Phi_{36}^{4}\,\Phi_{24}^{7}\,\Phi_{18}^{4}\,\Phi_{16}^{7}\,\Phi_{12}^{7}\,\Phi_{9}^{4}\,\Phi_{8}^{6}\,\Phi_{6}^{7}\,\Phi_{4}^{6}\,\Phi_{3}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
28894	705	256	$\frac{1}{16}$	$\frac{21}{256}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{256}^{3}\,\Phi_{128}^{3}\,\Phi_{64}^{3}\,\Phi_{16}^{2}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
28895	705	264	$\frac{1}{22}$	$\frac{29}{264}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{264}^{3}\,\Phi_{132}^{3}\,\Phi_{88}^{3}\,\Phi_{66}^{3}\,\Phi_{33}^{3}\,\Phi_{24}^{3}\,\Phi_{22}^{2}\,\Phi_{12}^{3}\,\Phi_{11}^{2}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
28896	705	708	$\frac{1}{59}$	$\frac{1}{4}$	$\frac{58}{177}$	$\frac{119}{354}$	$\Phi_{708}\,\Phi_{236}^{2}\,\Phi_{177}\,\Phi_{118}\,\Phi_{59}\,\Phi_{12}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
28897	705	352	$\frac{1}{88}$	$\frac{29}{88}$	$\frac{117}{352}$	$\frac{59}{176}$	$\Phi_{352}^{3}\,\Phi_{88}^{2}\,\Phi_{44}^{2}\,\Phi_{32}^{3}\,\Phi_{22}^{2}\,\Phi_{11}^{2}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
28898	705	303	$\frac{2}{101}$	$\frac{68}{303}$	$\frac{33}{101}$	$\frac{1}{3}$	$\Phi_{303}^{2}\,\Phi_{101}^{3}\,\Phi_{3}\,\Phi_{1}^{3}$
28899	705	432	$\frac{1}{16}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{432}^{2}\,\Phi_{216}^{2}\,\Phi_{144}\,\Phi_{108}^{2}\,\Phi_{72}\,\Phi_{54}\,\Phi_{48}^{2}\,\Phi_{36}\,\Phi_{27}\,\Phi_{24}^{2}\,\Phi_{16}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{8}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
28900	705	240	$\frac{1}{16}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{240}^{3}\,\Phi_{120}^{3}\,\Phi_{80}^{3}\,\Phi_{60}^{2}\,\Phi_{48}^{4}\,\Phi_{40}^{3}\,\Phi_{30}^{2}\,\Phi_{24}^{4}\,\Phi_{20}^{2}\,\Phi_{16}^{3}\,\Phi_{15}^{3}\,\Phi_{12}^{3}\,\Phi_{10}^{2}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
28901	705	348	$\frac{3}{116}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{113}{348}$	$\Phi_{348}^{3}\,\Phi_{174}^{3}\,\Phi_{87}^{3}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
28902	705	483	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{22}{69}$	$\Phi_{483}^{2}\,\Phi_{69}^{3}\,\Phi_{21}^{2}\,\Phi_{7}^{2}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
28903	705	276	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{22}{69}$	$\Phi_{276}^{3}\,\Phi_{138}\,\Phi_{92}^{4}\,\Phi_{69}^{2}\,\Phi_{46}^{2}\,\Phi_{23}^{2}\,\Phi_{12}^{5}\,\Phi_{6}^{2}\,\Phi_{4}^{5}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
28904	705	66	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{19}{66}$	$\frac{7}{22}$	$\Phi_{66}^{15}\,\Phi_{33}^{15}\,\Phi_{22}^{2}\,\Phi_{11}^{2}\,\Phi_{6}^{15}\,\Phi_{3}^{15}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
28905	705	336	$\frac{1}{16}$	$\frac{11}{112}$	$\frac{101}{336}$	$\frac{5}{16}$	$\Phi_{336}^{3}\,\Phi_{168}^{3}\,\Phi_{84}^{3}\,\Phi_{48}^{3}\,\Phi_{42}^{3}\,\Phi_{24}^{3}\,\Phi_{21}^{3}\,\Phi_{16}^{2}\,\Phi_{12}^{3}\,\Phi_{8}^{2}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
28906	705	66	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{2}{11}$	$\frac{19}{66}$	$\Phi_{66}^{15}\,\Phi_{33}^{15}\,\Phi_{11}^{4}\,\Phi_{6}^{15}\,\Phi_{3}^{15}\,\Phi_{1}^{5}$
28907	705	55	$\frac{1}{11}$	$\frac{8}{55}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{55}^{15}\,\Phi_{11}^{4}\,\Phi_{5}^{15}\,\Phi_{1}^{5}$
28908	705	64	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{17}{64}$	$\Phi_{64}^{10}\,\Phi_{32}^{10}\,\Phi_{16}^{14}\,\Phi_{8}^{14}\,\Phi_{4}^{14}\,\Phi_{2}^{14}\,\Phi_{1}^{15}$
28909	705	176	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{35}{176}$	$\frac{9}{44}$	$\Phi_{176}^{5}\,\Phi_{88}^{5}\,\Phi_{16}^{5}\,\Phi_{11}^{4}\,\Phi_{8}^{5}\,\Phi_{1}^{5}$
28910	706	702	$\frac{2}{351}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{349}{702}$	$\Phi_{702}^{2}\,\Phi_{234}^{2}\,\Phi_{78}^{2}\,\Phi_{54}^{2}\,\Phi_{26}^{2}\,\Phi_{18}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
28911	706	564	$\frac{1}{141}$	$\frac{71}{282}$	$\frac{211}{564}$	$\frac{70}{141}$	$\Phi_{564}^{2}\,\Phi_{188}^{2}\,\Phi_{141}\,\Phi_{47}\,\Phi_{12}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
28912	706	1416	$\frac{1}{118}$	$\frac{119}{472}$	$\frac{1}{3}$	$\frac{117}{236}$	$\Phi_{1416}\,\Phi_{354}\,\Phi_{177}\,\Phi_{24}\,\Phi_{6}$
28913	706	700	$\frac{3}{350}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{347}{700}$	$\Phi_{700}^{2}\,\Phi_{140}^{2}\,\Phi_{100}^{2}\,\Phi_{28}^{2}\,\Phi_{20}^{2}\,\Phi_{5}\,\Phi_{4}^{2}\,\Phi_{1}^{2}$
28914	706	696	$\frac{5}{348}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{343}{696}$	$\Phi_{696}^{2}\,\Phi_{232}^{2}\,\Phi_{24}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
28915	706	658	$\frac{1}{47}$	$\frac{24}{329}$	$\frac{305}{658}$	$\frac{23}{47}$	$\Phi_{658}^{2}\,\Phi_{94}^{2}\,\Phi_{47}\,\Phi_{14}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
28916	706	690	$\frac{8}{345}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{337}{690}$	$\Phi_{690}^{2}\,\Phi_{230}^{2}\,\Phi_{138}^{2}\,\Phi_{46}^{2}\,\Phi_{30}^{2}\,\Phi_{15}\,\Phi_{10}^{2}\,\Phi_{6}^{2}\,\Phi_{5}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
28917	706	675	$\frac{31}{675}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{322}{675}$	$\Phi_{675}\,\Phi_{225}\,\Phi_{135}\,\Phi_{75}\,\Phi_{45}^{2}\,\Phi_{27}\,\Phi_{25}\,\Phi_{15}\,\Phi_{9}^{2}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
28918	706	480	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{127}{480}$	$\frac{113}{240}$	$\Phi_{480}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28919	706	660	$\frac{1}{15}$	$\frac{23}{330}$	$\frac{7}{30}$	$\frac{307}{660}$	$\Phi_{660}^2\ \Phi_{220}^2\ \Phi_{132}^2\ \Phi_{60}^2\ \Phi_{44}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28920	706	630	$\frac{1}{15}$	$\frac{38}{315}$	$\frac{7}{45}$	$\frac{277}{630}$	$\Phi_{630}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28921	706	360	$\frac{7}{360}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28922	706	600	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{53}{300}$	$\frac{247}{600}$	$\Phi_{600}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28923	706	1770	$\frac{1}{59}$	$\frac{58}{295}$	$\frac{1}{3}$	$\frac{237}{590}$	$\Phi_{1770}\ \Phi_{354}\ \Phi_{177}\ \Phi_{30}\ \Phi_6$
28924	706	525	$\frac{3}{175}$	$\frac{1}{5}$	$\frac{172}{525}$	$\frac{2}{5}$	$\Phi_{525}^2\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
28925	706	360	$\frac{7}{360}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
28926	706	420	$\frac{3}{70}$	$\frac{67}{420}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
28927	706	375	$\frac{22}{375}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{375}^2\ \Phi_{125}^2\ \Phi_{75}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
28928	706	400	$\frac{3}{50}$	$\frac{47}{400}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{400}^2\ \Phi_{200}^2\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
28929	706	385	$\frac{32}{385}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{385}^2\ \Phi_{77}^2\ \Phi_{55}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
28930	706	564	$\frac{1}{47}$	$\frac{23}{94}$	$\frac{71}{282}$	$\frac{211}{564}$	$\Phi_{564}^2\ \Phi_{188}^2\ \Phi_{94}^2\ \Phi_{47}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
28931	706	540	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{83}{270}$	$\frac{187}{540}$	$\Phi_{540}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28932	706	531	$\frac{2}{177}$	$\frac{175}{531}$	$\frac{1}{3}$	$\frac{178}{531}$	$\Phi_{531}\ \Phi_{177}^2\ \Phi_{59}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
28933	706	468	$\frac{2}{117}$	$\frac{115}{468}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28934	706	360	$\frac{7}{360}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28935	706	390	$\frac{2}{39}$	$\frac{37}{390}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28936	706	378	$\frac{25}{378}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28937	706	522	$\frac{5}{174}$	$\frac{1}{6}$	$\frac{169}{522}$	$\frac{1}{3}$	$\Phi_{522}^2\ \Phi_{261}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28938	706	405	$\frac{1}{15}$	$\frac{52}{405}$	$\frac{31}{135}$	$\frac{14}{45}$	$\Phi_{405}^2\ \Phi_{135}\ \Phi_{81}^2\ \Phi_{45}^2\ \Phi_{27}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
28939	706	450	$\frac{1}{15}$	$\frac{31}{225}$	$\frac{97}{450}$	$\frac{14}{45}$	$\Phi_{450}^2\ \Phi_{225}\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
28940	707	600	$\frac{1}{100}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{99}{200}$	$\Phi_{600}^2\ \Phi_{200}^3\ \Phi_{120}^2\ \Phi_{40}^3\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
28941	707	1800	$\frac{1}{100}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{99}{200}$	$\Phi_{1800}\ \Phi_{360}\ \Phi_{200}\ \Phi_{72}\ \Phi_{40}\ \Phi_9\ \Phi_8\ \Phi_1$
28942	707	792	$\frac{2}{99}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{97}{198}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
28943	707	136	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{35}{136}$	$\frac{33}{68}$	$\Phi_{136}^5\ \Phi_{68}^6\ \Phi_{34}^5\ \Phi_{17}^5\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
28944	707	192	$\frac{5}{96}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{91}{192}$	$\Phi_{192}^7\ \Phi_{64}^7\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
28945	707	300	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{49}{150}$	$\frac{5}{12}$	$\Phi_{300}^4\ \Phi_{150}\ \Phi_{100}^4\ \Phi_{75}\ \Phi_{60}^4\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
28946	707	312	$\frac{3}{104}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^3\ \Phi_{78}^2\ \Phi_{52}^3\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{24}^2\ \Phi_{13}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
28947	707	420	$\frac{4}{105}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{420}^3\ \Phi_{140}^3\ \Phi_{105}\ \Phi_{84}^3\ \Phi_{60}^2\ \Phi_{35}\ \Phi_{28}^3\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^3\ \Phi_7\ \Phi_4^3\ \Phi_3\ \Phi_1$
28948	707	1500	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{24}{125}$	$\frac{5}{12}$	$\Phi_{1500}\ \Phi_{500}\ \Phi_{125}\ \Phi_{12}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
28949	707	120	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{120}^{7}\ \Phi_{60}^{5}\ \Phi_{40}^{7}\ \Phi_{30}^{5}\ \Phi_{24}^{7}\ \Phi_{20}^{4}\ \Phi_{15}^{5}\ \Phi_{12}^{6}\ \Phi_{10}^{4}\ \Phi_{8}^{7}\ \Phi_{6}^{5}\ \Phi_{5}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
28950	707	216	$\frac{7}{108}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{216}^{4}\ \Phi_{108}^{3}\ \Phi_{72}^{4}\ \Phi_{54}^{3}\ \Phi_{36}^{3}\ \Phi_{27}^{3}\ \Phi_{24}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
28951	707	660	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{660}^{2}\ \Phi_{220}^{2}\ \Phi_{132}^{2}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}^{2}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
28952	707	680	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{16}{85}$	$\frac{69}{170}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{136}^{2}\ \Phi_{85}\ \Phi_{68}^{2}\ \Phi_{40}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
28953	707	450	$\frac{1}{50}$	$\frac{2}{9}$	$\frac{49}{150}$	$\frac{1}{3}$	$\Phi_{450}^{2}\ \Phi_{225}^{2}\ \Phi_{150}\ \Phi_{90}^{2}\ \Phi_{75}\ \Phi_{45}^{2}\ \Phi_{30}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
28954	707	936	$\frac{3}{104}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
28955	707	264	$\frac{2}{33}$	$\frac{1}{8}$	$\frac{31}{132}$	$\frac{1}{3}$	$\Phi_{264}^{3}\ \Phi_{132}^{2}\ \Phi_{88}^{3}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{3}\ \Phi_{24}^{4}\ \Phi_{22}^{2}\ \Phi_{12}^{3}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
28956	707	315	$\frac{4}{105}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{315}^{3}\ \Phi_{105}\ \Phi_{63}^{3}\ \Phi_{45}^{2}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{9}^{3}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
28957	707	1125	$\frac{1}{25}$	$\frac{24}{125}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1125}\ \Phi_{125}\ \Phi_{9}\ \Phi_{1}$
28958	707	360	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}^{3}\ \Phi_{180}^{2}\ \Phi_{120}\ \Phi_{90}^{2}\ \Phi_{72}^{3}\ \Phi_{60}\ \Phi_{45}^{2}\ \Phi_{40}\ \Phi_{36}^{2}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}^{3}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
28959	707	216	$\frac{7}{108}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{216}^{4}\ \Phi_{108}^{3}\ \Phi_{72}^{3}\ \Phi_{54}^{3}\ \Phi_{36}^{2}\ \Phi_{27}^{3}\ \Phi_{24}^{4}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
28960	707	990	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{198}\ \Phi_{110}\ \Phi_{99}\ \Phi_{55}\ \Phi_{22}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
28961	707	144	$\frac{5}{48}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{43}{144}$	$\Phi_{144}^{7}\ \Phi_{72}^{7}\ \Phi_{36}^{7}\ \Phi_{24}^{2}\ \Phi_{18}^{7}\ \Phi_{12}^{2}\ \Phi_{9}^{7}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
28962	707	120	$\frac{1}{8}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{120}^{7}\ \Phi_{60}^{7}\ \Phi_{40}^{7}\ \Phi_{30}^{7}\ \Phi_{24}^{2}\ \Phi_{20}^{7}\ \Phi_{15}^{7}\ \Phi_{12}^{2}\ \Phi_{10}^{7}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}^{7}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
28963	708	1056	$\frac{1}{176}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{175}{352}$	$\Phi_{1056}\ \Phi_{352}^{2}\ \Phi_{96}\ \Phi_{32}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
28964	708	585	$\frac{1}{117}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{58}{117}$	$\Phi_{585}\ \Phi_{195}\ \Phi_{117}^{2}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}^{2}\ \Phi_{15}\ \Phi_{13}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
28965	708	468	$\frac{1}{117}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{58}{117}$	$\Phi_{468}^{2}\ \Phi_{234}^{2}\ \Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{36}^{2}\ \Phi_{26}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
28966	708	101	$\frac{1}{101}$	$\frac{17}{101}$	$\frac{42}{101}$	$\frac{50}{101}$	$\Phi_{101}^{7}\ \Phi_{1}^{8}$
28967	708	350	$\frac{2}{175}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{173}{350}$	$\Phi_{350}^{4}\ \Phi_{70}^{4}\ \Phi_{50}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
28968	708	1050	$\frac{2}{175}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{173}{350}$	$\Phi_{1050}^{2}\ \Phi_{210}^{2}\ \Phi_{150}^{2}\ \Phi_{42}^{2}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{6}^{2}$
28969	708	316	$\frac{1}{79}$	$\frac{1}{4}$	$\frac{20}{79}$	$\frac{39}{79}$	$\Phi_{316}^{3}\ \Phi_{158}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
28970	708	707	$\frac{9}{707}$	$\frac{176}{707}$	$\frac{179}{707}$	$\frac{349}{707}$	$\Phi_{707}\ \Phi_{101}\ \Phi_{7}\ \Phi_{1}^{2}$
28971	708	213	$\frac{1}{71}$	$\frac{12}{71}$	$\frac{1}{3}$	$\frac{35}{71}$	$\Phi_{213}^{5}\ \Phi_{3}^{4}$
28972	708	1276	$\frac{1}{58}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{57}{116}$	$\Phi_{1276}\ \Phi_{116}^{2}\ \Phi_{44}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
28973	708	2436	$\frac{1}{58}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{57}{116}$	$\Phi_{2436}\ \Phi_{84}\ \Phi_{21}$
28974	708	1276	$\frac{1}{58}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{57}{116}$	$\Phi_{1276}\ \Phi_{116}^{2}\ \Phi_{44}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
28975	708	580	$\frac{1}{58}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{57}{116}$	$\Phi_{580}\ \Phi_{290}^{2}\ \Phi_{145}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
28976	708	231	$\frac{5}{231}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{113}{231}$	$\Phi_{231}^{3}\ \Phi_{77}^{3}\ \Phi_{33}^{3}\ \Phi_{21}^{3}\ \Phi_{11}^{3}\ \Phi_{7}^{5}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
28977	708	238	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{61}{238}$	$\frac{58}{119}$	$\Phi_{238}^{4}\ \Phi_{119}^{2}\ \Phi_{34}^{4}\ \Phi_{17}^{2}\ \Phi_{14}^{4}\ \Phi_{7}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
28978	708	202	$\frac{3}{101}$	$\frac{25}{202}$	$\frac{26}{101}$	$\frac{49}{101}$	$\Phi_{202}^{4}\ \Phi_{101}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
28979	708	1482	$\frac{2}{57}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{1482}\ \Phi_{494}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
28980	708	1040	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{1040}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
28981	708	1456	$\frac{3}{56}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{1456}\ \Phi_{208}\ \Phi_{52}\ \Phi_{26}$
28982	708	112	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{53}{112}$	$\Phi_{112}^{12}\ \Phi_{16}^{12}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
28983	708	476	$\frac{1}{17}$	$\frac{9}{68}$	$\frac{1}{7}$	$\frac{8}{17}$	$\Phi_{476}^{2}\ \Phi_{238}^{2}\ \Phi_{119}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
28984	708	1430	$\frac{4}{55}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{1430}\ \Phi_{286}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
28985	708	936	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
28986	708	957	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{28}{87}$	$\frac{5}{11}$	$\Phi_{957}\ \Phi_{87}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
28987	708	1404	$\frac{1}{13}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{1404}\ \Phi_{468}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
28988	708	175	$\frac{4}{175}$	$\frac{1}{7}$	$\frac{57}{175}$	$\frac{3}{7}$	$\Phi_{175}^4\ \Phi_{35}^4\ \Phi_{25}^4\ \Phi_7^5\ \Phi_5^4\ \Phi_1^6$
28989	708	182	$\frac{5}{182}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{182}^4\ \Phi_{91}^4\ \Phi_{26}^4\ \Phi_{14}^4\ \Phi_{13}^4\ \Phi_7\ \Phi_2^4\ \Phi_1^2$
28990	708	70	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{3}{7}$	$\Phi_{70}^{12}\ \Phi_{35}^8\ \Phi_{14}^{12}\ \Phi_{10}^{12}\ \Phi_7^9\ \Phi_5^8\ \Phi_2^{12}\ \Phi_1^{10}$
28991	708	63	$\frac{4}{63}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{63}^{12}\ \Phi_{21}^{12}\ \Phi_9^{12}\ \Phi_7^5\ \Phi_3^{12}\ \Phi_1^6$
28992	708	385	$\frac{31}{385}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{385}^2\ \Phi_{77}^2\ \Phi_{55}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_1^2$
28993	708	714	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{8}{51}$	$\frac{43}{102}$	$\Phi_{714}^2\ \Phi_{238}^2\ \Phi_{119}\ \Phi_{42}^2\ \Phi_{14}^2$
28994	708	101	$\frac{2}{101}$	$\frac{17}{101}$	$\frac{33}{101}$	$\frac{42}{101}$	$\Phi_{101}^7\ \Phi_1^8$
28995	708	101	$\frac{5}{101}$	$\frac{16}{101}$	$\frac{17}{101}$	$\frac{42}{101}$	$\Phi_{101}^7\ \Phi_1^8$
28996	708	1300	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{1300}\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
28997	708	595	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{113}{595}$	$\frac{241}{595}$	$\Phi_{595}\ \Phi_{119}^2\ \Phi_{85}\ \Phi_{35}\ \Phi_{17}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
28998	708	60	$\frac{1}{60}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{60}^{12}\ \Phi_{30}^{12}\ \Phi_{20}^{12}\ \Phi_{15}^{11}\ \Phi_{12}^{12}\ \Phi_{10}^{12}\ \Phi_6^{12}\ \Phi_5^{12}\ \Phi_4^{12}\ \Phi_3^{10}\ \Phi_2^{12}\ \Phi_1^{12}$
28999	708	390	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{19}{78}$	$\frac{2}{5}$	$\Phi_{390}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{78}^4\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^4\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
29000	708	315	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{63}^4\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{21}^4\ \Phi_{15}\ \Phi_9^2\ \Phi_7^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
29001	708	65	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{65}^{11}\ \Phi_{13}^{10}\ \Phi_5^{12}\ \Phi_1^{12}$
29002	708	1248	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
29003	708	780	$\frac{1}{60}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
29004	708	852	$\frac{1}{71}$	$\frac{35}{142}$	$\frac{1}{3}$	$\frac{107}{284}$	$\Phi_{852}^2\ \Phi_{213}\ \Phi_{12}^2$
29005	708	832	$\frac{1}{13}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{52}\ \Phi_{26}$
29006	708	1170	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{1170}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}$
29007	708	707	$\frac{8}{707}$	$\frac{233}{707}$	$\frac{235}{707}$	$\frac{237}{707}$	$\Phi_{707}\ \Phi_{101}\ \Phi_7\ \Phi_1^2$
29008	708	1065	$\frac{4}{355}$	$\frac{117}{355}$	$\frac{1}{3}$	$\frac{119}{355}$	$\Phi_{1065}\ \Phi_{213}\ \Phi_{15}$
29009	708	264	$\frac{1}{88}$	$\frac{29}{88}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^4\ \Phi_{66}^2\ \Phi_{44}^4\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^4\ \Phi_{12}^2\ \Phi_{11}^4\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
29010	708	60	$\frac{1}{60}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{60}^{12}\ \Phi_{30}^{12}\ \Phi_{20}^{12}\ \Phi_{15}^{12}\ \Phi_{12}^{11}\ \Phi_{10}^{12}\ \Phi_6^{11}\ \Phi_5^{12}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
29011	708	660	$\frac{1}{44}$	$\frac{43}{220}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
29012	708	552	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{552}\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_3\ \Phi_1^2$
29013	708	66	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{66}^{11}\ \Phi_{33}^{11}\ \Phi_{22}^{10}\ \Phi_{11}^{10}\ \Phi_6^{11}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
29014	708	561	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{561}\ \Phi_{187}^2\ \Phi_{51}\ \Phi_{17}^2\ \Phi_3\ \Phi_1^2$
29015	708	192	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^6\ \Phi_{48}^2\ \Phi_{32}^6\ \Phi_{24}^2\ \Phi_{16}^4\ \Phi_{12}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
29016	708	1404	$\frac{2}{117}$	$\frac{1}{4}$	$\frac{115}{351}$	$\frac{1}{3}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{108}\ \Phi_{54}\ \Phi_{12}\ \Phi_6$
29017	708	525	$\frac{4}{175}$	$\frac{1}{5}$	$\frac{57}{175}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_3^2$
29018	708	609	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{28}{87}$	$\frac{1}{3}$	$\Phi_{609}\ \Phi_{203}^2\ \Phi_{21}^2\ \Phi_7^2$
29019	708	156	$\frac{1}{39}$	$\frac{19}{78}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^6\ \Phi_{78}^2\ \Phi_{52}^6\ \Phi_{39}^4\ \Phi_{26}^2\ \Phi_{13}^4\ \Phi_{12}^7\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
29020	708	972	$\frac{7}{243}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{54}\ \Phi_{12}\ \Phi_6$
29021	708	1092	$\frac{2}{39}$	$\frac{37}{273}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{182}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
29022	708	252	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{36}^2\ \Phi_{28}^4\ \Phi_{18}^2\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
29023	708	780	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{156}\ \Phi_{78}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{12}^2\ \Phi_6^2$
29024	708	375	$\frac{7}{125}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{375}^3\ \Phi_{75}^2\ \Phi_{15}^3\ \Phi_3^2$
29025	708	210	$\frac{2}{35}$	$\frac{11}{70}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^6\ \Phi_{105}^4\ \Phi_{42}^6\ \Phi_{30}^6\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_6^6\ \Phi_3^4$
29026	708	600	$\frac{2}{25}$	$\frac{23}{200}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
29027	708	1155	$\frac{31}{385}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{33}\ \Phi_{15}$
29028	708	213	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{12}{71}$	$\frac{1}{3}$	$\Phi_{213}^5\ \Phi_3^4$
29029	708	957	$\frac{1}{29}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{28}{87}$	$\Phi_{957}\ \Phi_{87}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
29030	708	1740	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{28}{87}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
29031	708	1071	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{35}{153}$	$\frac{16}{51}$	$\Phi_{1071}\ \Phi_{119}\ \Phi_{63}$
29032	708	1092	$\frac{1}{13}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{273}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
29033	708	84	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{25}{84}$	$\Phi_{84}^{12}\ \Phi_{42}^{12}\ \Phi_{21}^{12}\ \Phi_{12}^{12}\ \Phi_7^5\ \Phi_6^{12}\ \Phi_3^{12}\ \Phi_1^6$
29034	708	63	$\frac{4}{63}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{63}^{12}\ \Phi_{21}^9\ \Phi_9^{12}\ \Phi_7^{11}\ \Phi_3^9\ \Phi_1^{12}$
29035	708	77	$\frac{5}{77}$	$\frac{1}{7}$	$\frac{18}{77}$	$\frac{2}{7}$	$\Phi_{77}^9\ \Phi_{11}^9\ \Phi_7^{11}\ \Phi_1^{12}$
29036	708	936	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
29037	708	316	$\frac{3}{79}$	$\frac{19}{79}$	$\frac{1}{4}$	$\frac{20}{79}$	$\Phi_{316}^3\ \Phi_{158}^3\ \Phi_4^2\ \Phi_2^2$
29038	708	70	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{3}{14}$	$\Phi_{70}^{12}\ \Phi_{35}^{12}\ \Phi_{10}^{12}\ \Phi_7^5\ \Phi_5^{12}\ \Phi_1^6$
29039	709	1408	$\frac{5}{704}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{699}{1408}$	$\Phi_{1408}\ \Phi_{128}\ \Phi_8\ \Phi_1$
29040	709	948	$\frac{2}{237}$	$\frac{239}{948}$	$\frac{1}{3}$	$\frac{235}{474}$	$\Phi_{948}\ \Phi_{316}\ \Phi_{237}\ \Phi_{79}\ \Phi_{12}\ \Phi_4\ \Phi_1$
29041	709	1404	$\frac{7}{702}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{695}{1404}$	$\Phi_{1404}\ \Phi_{468}\ \Phi_{156}\ \Phi_{108}\ \Phi_{52}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
29042	709	1392	$\frac{13}{696}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{683}{1392}$	$\Phi_{1392}\ \Phi_{464}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
29043	709	1368	$\frac{25}{684}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{659}{1368}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{152}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
29044	709	960	$\frac{11}{240}$	$\frac{1}{12}$	$\frac{251}{960}$	$\frac{229}{480}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
29045	709	816	$\frac{5}{102}$	$\frac{107}{816}$	$\frac{1}{6}$	$\frac{97}{204}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{136}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_1$
29046	709	1344	$\frac{37}{672}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{635}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
29047	709	1344	$\frac{37}{672}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{635}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{64}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
29048	709	1320	$\frac{49}{660}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{611}{1320}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{120}\ \Phi_{88}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
29049	709	864	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{155}{864}$	$\frac{133}{288}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
29050	709	1296	$\frac{1}{12}$	$\frac{61}{648}$	$\frac{11}{72}$	$\frac{587}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
29051	709	756	$\frac{47}{756}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
29052	709	1224	$\frac{5}{102}$	$\frac{97}{612}$	$\frac{1}{6}$	$\frac{515}{1224}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{136}\ \Phi_{102}\ \Phi_{72}\ \Phi_{51}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_8\ \Phi_1$
29053	709	1200	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{109}{600}$	$\frac{491}{1200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
29054	709	720	$\frac{11}{720}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
29055	709	768	$\frac{59}{768}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
29056	709	1152	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{133}{576}$	$\frac{443}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
29057	709	1056	$\frac{5}{352}$	$\frac{1}{4}$	$\frac{347}{1056}$	$\frac{3}{8}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
29058	709	720	$\frac{11}{720}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
29059	709	880	$\frac{5}{176}$	$\frac{171}{880}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
29060	709	736	$\frac{27}{736}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{736}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_{8}\ \Phi_{1}$
29061	709	792	$\frac{5}{88}$	$\frac{83}{792}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{72}\ \Phi_{66}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
29062	709	768	$\frac{59}{768}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
29063	709	1080	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{169}{540}$	$\frac{371}{1080}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
29064	709	1053	$\frac{7}{351}$	$\frac{2}{9}$	$\frac{344}{1053}$	$\frac{1}{3}$	$\Phi_{1053}\ \Phi_{81}\ \Phi_{9}\ \Phi_{1}$
29065	709	729	$\frac{20}{729}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{729}\ \Phi_{243}\ \Phi_{81}\ \Phi_{9}\ \Phi_{1}$
29066	709	936	$\frac{7}{234}$	$\frac{2}{9}$	$\frac{227}{936}$	$\frac{1}{3}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
29067	709	819	$\frac{7}{117}$	$\frac{110}{819}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{91}\ \Phi_{63}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
29068	709	756	$\frac{47}{756}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
29069	709	918	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{209}{918}$	$\frac{97}{306}$	$\Phi_{918}\ \Phi_{459}\ \Phi_{102}\ \Phi_{54}\ \Phi_{51}\ \Phi_{34}\ \Phi_{27}\ \Phi_{17}\ \Phi_{1}$
29070	709	1008	$\frac{1}{12}$	$\frac{37}{336}$	$\frac{11}{48}$	$\frac{299}{1008}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
29071	709	1008	$\frac{37}{336}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{299}{1008}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
29072	709	864	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{155}{864}$	$\frac{61}{216}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
29073	709	840	$\frac{5}{42}$	$\frac{131}{840}$	$\frac{1}{6}$	$\frac{37}{168}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
29074	710	1128	$\frac{1}{141}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{70}{141}$	$\Phi_{1128}\ \Phi_{376}\ \Phi_{141}\ \Phi_{47}\ \Phi_{24}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
29075	710	2112	$\frac{3}{352}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{349}{704}$	$\Phi_{2112}\ \Phi_{192}\ \Phi_{12}\ \Phi_{6}$
29076	710	1260	$\frac{1}{70}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{69}{140}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}^2\ \Phi_{84}\ \Phi_{60}\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
29077	710	420	$\frac{1}{70}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{69}{140}$	$\Phi_{420}^3\ \Phi_{140}^4\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{12}^3\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
29078	710	1518	$\frac{2}{69}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{1518}\ \Phi_{506}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
29079	710	1056	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
29080	710	1496	$\frac{3}{68}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{1496}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
29081	710	132	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{132}^{10}\ \Phi_{66}\ \Phi_{44}^{10}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}^{10}\ \Phi_{4}^{10}$
29082	710	78	$\frac{1}{13}$	$\frac{7}{78}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{78}^9\ \Phi_{39}^9\ \Phi_{26}^9\ \Phi_{13}^{10}\ \Phi_{6}^8\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^{10}$
29083	710	462	$\frac{6}{77}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{66}\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{22}\ \Phi_{21}^2\ \Phi_{14}^2$
29084	710	390	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{6}$	$\frac{59}{130}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{78}^3\ \Phi_{65}^2\ \Phi_{39}^3\ \Phi_{30}^2\ \Phi_{26}\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^2$
29085	710	1408	$\frac{1}{11}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{1408}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
29086	710	315	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{34}{105}$	$\frac{4}{9}$	$\Phi_{315}^2\ \Phi_{105}^3\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{9}^3\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{3}^4\ \Phi_{1}^4$
29087	710	225	$\frac{4}{75}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{225}^3\ \Phi_{75}^4\ \Phi_{45}^2\ \Phi_{25}^4\ \Phi_{15}^3\ \Phi_{9}^3\ \Phi_{5}^2\ \Phi_{3}^4\ \Phi_{1}^4$
29088	710	252	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{84}$	$\frac{4}{9}$	$\Phi_{252}^3\ \Phi_{126}^2\ \Phi_{84}^4\ \Phi_{63}^2\ \Phi_{42}^3\ \Phi_{36}^3\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_{9}^3\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
29089	710	693	$\frac{6}{77}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{99}\ \Phi_{77}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
29090	710	720	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{80}$	$\frac{4}{9}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}^2\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
29091	710	880	$\frac{1}{11}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
29092	710	1386	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{1386}\ \Phi_{462}\ \Phi_{198}\ \Phi_{154}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
29093	710	1320	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
29094	710	72	$\frac{1}{72}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{72}^{10}\ \Phi_{36}^{10}\ \Phi_{24}^{9}\ \Phi_{18}^{10}\ \Phi_{12}^{10}\ \Phi_{9}^{10}\ \Phi_{8}^{10}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{9}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
29095	710	376	$\frac{1}{47}$	$\frac{23}{94}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{376}^{3}\ \Phi_{94}^{2}\ \Phi_{47}\ \Phi_{8}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
29096	710	1188	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
29097	710	534	$\frac{1}{89}$	$\frac{88}{267}$	$\frac{1}{3}$	$\frac{179}{534}$	$\Phi_{534}^{2}\ \Phi_{267}\ \Phi_{178}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
29098	710	528	$\frac{3}{176}$	$\frac{1}{4}$	$\frac{173}{528}$	$\frac{1}{3}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}^{2}\ \Phi_{132}\ \Phi_{88}^{2}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
29099	710	210	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{34}{105}$	$\frac{1}{3}$	$\Phi_{210}^{4}\ \Phi_{105}^{3}\ \Phi_{70}^{4}\ \Phi_{42}^{4}\ \Phi_{35}^{2}\ \Phi_{30}^{4}\ \Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{6}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{4}$
29100	710	264	$\frac{3}{88}$	$\frac{17}{88}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{264}^{4}\ \Phi_{132}^{4}\ \Phi_{66}^{4}\ \Phi_{33}^{4}\ \Phi_{24}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
29101	710	1104	$\frac{13}{368}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{12}\ \Phi_{6}$
29102	710	396	$\frac{3}{44}$	$\frac{41}{396}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^{2}\ \Phi_{198}^{2}\ \Phi_{132}\ \Phi_{99}^{2}\ \Phi_{66}\ \Phi_{44}^{2}\ \Phi_{36}^{2}\ \Phi_{33}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
29103	710	384	$\frac{29}{384}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{384}^{2}\ \Phi_{192}^{2}\ \Phi_{128}^{2}\ \Phi_{96}\ \Phi_{64}^{2}\ \Phi_{48}\ \Phi_{32}^{2}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
29104	710	150	$\frac{4}{75}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{150}^{6}\ \Phi_{75}^{4}\ \Phi_{50}^{6}\ \Phi_{30}^{4}\ \Phi_{25}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{6}^{6}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{4}$
29105	710	84	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{84}^{10}\ \Phi_{42}^{7}\ \Phi_{28}^{10}\ \Phi_{21}^{7}\ \Phi_{14}^{6}\ \Phi_{12}^{10}\ \Phi_{7}^{6}\ \Phi_{6}^{9}\ \Phi_{4}^{10}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
29106	710	462	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{462}^{2}\ \Phi_{231}\ \Phi_{154}^{2}\ \Phi_{77}^{2}\ \Phi_{66}^{2}\ \Phi_{33}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
29107	710	240	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{240}^{3}\ \Phi_{120}^{3}\ \Phi_{80}^{4}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{40}^{4}\ \Phi_{24}^{3}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
29108	710	330	$\frac{1}{11}$	$\frac{23}{165}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{330}^{3}\ \Phi_{165}^{2}\ \Phi_{110}^{3}\ \Phi_{66}\ \Phi_{55}^{2}\ \Phi_{33}\ \Phi_{30}^{3}\ \Phi_{22}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
29109	710	198	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{6}$	$\frac{28}{99}$	$\Phi_{198}^{6}\ \Phi_{99}^{4}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}^{6}\ \Phi_{9}^{4}$
29110	710	390	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{12}{65}$	$\frac{53}{195}$	$\Phi_{390}^{2}\ \Phi_{195}\ \Phi_{130}^{2}\ \Phi_{78}^{3}\ \Phi_{65}^{2}\ \Phi_{39}^{2}\ \Phi_{30}^{2}\ \Phi_{26}^{3}\ \Phi_{15}\ \Phi_{13}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
29111	710	1056	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
29112	710	92	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{21}{92}$	$\frac{1}{4}$	$\Phi_{92}^{7}\ \Phi_{46}^{7}\ \Phi_{23}^{10}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{10}$
29113	710	264	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{17}{88}$	$\frac{5}{22}$	$\Phi_{264}^{4}\ \Phi_{132}^{4}\ \Phi_{88}^{2}\ \Phi_{66}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{24}^{4}\ \Phi_{22}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{4}^{2}$
29114	710	85	$\frac{2}{17}$	$\frac{14}{85}$	$\frac{3}{17}$	$\frac{1}{5}$	$\Phi_{85}^{8}\ \Phi_{17}^{10}\ \Phi_{5}^{7}\ \Phi_{1}^{10}$
29115	711	1136	$\frac{1}{142}$	$\frac{143}{568}$	$\frac{425}{1136}$	$\frac{141}{284}$	$\Phi_{1136}\ \Phi_{284}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
29116	711	624	$\frac{1}{78}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{77}{156}$	$\Phi_{624}^{2}\ \Phi_{208}^{2}\ \Phi_{156}\ \Phi_{52}\ \Phi_{48}^{2}\ \Phi_{16}^{3}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
29117	711	156	$\frac{1}{78}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{77}{156}$	$\Phi_{156}^{5}\ \Phi_{78}^{4}\ \Phi_{52}^{5}\ \Phi_{39}^{4}\ \Phi_{26}^{4}\ \Phi_{13}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{7}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
29118	711	1400	$\frac{11}{700}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{689}{1400}$	$\Phi_{1400}\ \Phi_{280}\ \Phi_{200}\ \Phi_{56}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
29119	711	308	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{75}{154}$	$\Phi_{308}^{3}\ \Phi_{77}^{3}\ \Phi_{44}^{3}\ \Phi_{28}^{4}\ \Phi_{14}\ \Phi_{11}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
29120	711	272	$\frac{1}{34}$	$\frac{35}{272}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{272}^{3}\ \Phi_{136}^{3}\ \Phi_{68}^{2}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
29121	711	460	$\frac{7}{230}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{223}{460}$	$\Phi_{460}^{3}\ \Phi_{92}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
29122	711	320	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{83}{320}$	$\frac{77}{160}$	$\Phi_{320}^{3}\ \Phi_{80}^{3}\ \Phi_{64}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
29123	711	760	$\frac{3}{76}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{760}^{2}\ \Phi_{152}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
29124	711	1360	$\frac{31}{680}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{649}{1360}$	$\Phi_{1360}\ \Phi_{272}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
29125	711	150	$\frac{4}{75}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{150}^{4}\ \Phi_{75}^{5}\ \Phi_{50}^{4}\ \Phi_{30}^{4}\ \Phi_{25}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{8}\ \Phi_{6}^{4}\ \Phi_{5}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
29126	711	448	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{211}{448}$	$\Phi_{448}^{3}\ \Phi_{64}^{3}\ \Phi_{28}^{2}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
29127	711	260	$\frac{4}{65}$	$\frac{23}{260}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{260}^{3}\ \Phi_{130}^{2}\ \Phi_{65}^{3}\ \Phi_{52}^{3}\ \Phi_{26}^{2}\ \Phi_{20}^{3}\ \Phi_{13}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
29128	711	480	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
29129	711	84	$\frac{5}{84}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{84}^9\ \Phi_{42}^9\ \Phi_{28}^8\ \Phi_{21}^9\ \Phi_{14}^7\ \Phi_{12}^9\ \Phi_7^7\ \Phi_6^9\ \Phi_4^7\ \Phi_3^9\ \Phi_2^6\ \Phi_1^7$
29130	711	884	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{1}{4}$	$\frac{205}{442}$	$\Phi_{884}\ \Phi_{221}\ \Phi_{68}^2\ \Phi_{52}\ \Phi_{34}\ \Phi_{17}\ \Phi_{13}\ \Phi_4\ \Phi_1$
29131	711	770	$\frac{4}{55}$	$\frac{59}{770}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{770}\ \Phi_{385}\ \Phi_{154}\ \Phi_{77}\ \Phi_{70}\ \Phi_{55}\ \Phi_{35}\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_1$
29132	711	440	$\frac{4}{55}$	$\frac{17}{220}$	$\frac{1}{5}$	$\frac{203}{440}$	$\Phi_{440}^3\ \Phi_{88}^3\ \Phi_{55}\ \Phi_{40}^3\ \Phi_{11}\ \Phi_8^3\ \Phi_1$
29133	711	440	$\frac{17}{220}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{203}{440}$	$\Phi_{440}^3\ \Phi_{88}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
29134	711	1300	$\frac{4}{65}$	$\frac{61}{650}$	$\frac{1}{5}$	$\frac{589}{1300}$	$\Phi_{1300}\ \Phi_{260}\ \Phi_{100}\ \Phi_{65}\ \Phi_{52}\ \Phi_{20}\ \Phi_{13}\ \Phi_4\ \Phi_1$
29135	711	720	$\frac{7}{72}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{65}{144}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{144}\ \Phi_{80}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
29136	711	280	$\frac{11}{140}$	$\frac{1}{10}$	$\frac{43}{280}$	$\frac{9}{20}$	$\Phi_{280}^3\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
29137	711	800	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{89}{800}$	$\frac{9}{20}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
29138	711	1280	$\frac{1}{10}$	$\frac{71}{640}$	$\frac{9}{80}$	$\frac{569}{1280}$	$\Phi_{1280}\ \Phi_{256}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
29139	711	800	$\frac{1}{10}$	$\frac{89}{800}$	$\frac{9}{80}$	$\frac{71}{160}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
29140	711	1296	$\frac{2}{81}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{81}\ \Phi_{27}\ \Phi_{16}\ \Phi_9\ \Phi_1$
29141	711	1872	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{38}{117}$	$\frac{7}{16}$	$\Phi_{1872}\ \Phi_{144}\ \Phi_{117}\ \Phi_{16}\ \Phi_9\ \Phi_1$
29142	711	208	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{25}{104}$	$\frac{7}{16}$	$\Phi_{208}^6\ \Phi_{104}\ \Phi_{52}\ \Phi_{16}^7\ \Phi_8\ \Phi_4\ \Phi_1$
29143	711	336	$\frac{5}{84}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{336}^4\ \Phi_{112}^4\ \Phi_{84}\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}^3\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
29144	711	1456	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{12}{91}$	$\frac{7}{16}$	$\Phi_{1456}\ \Phi_{112}\ \Phi_{91}\ \Phi_{16}\ \Phi_7\ \Phi_1$
29145	711	140	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{140}$	$\Phi_{140}^9\ \Phi_{28}^9\ \Phi_{20}^9\ \Phi_{10}^8\ \Phi_5^8\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
29146	711	136	$\frac{1}{34}$	$\frac{11}{68}$	$\frac{1}{4}$	$\frac{57}{136}$	$\Phi_{136}^9\ \Phi_{68}^2\ \Phi_{34}\ \Phi_{17}\ \Phi_8^9\ \Phi_4\ \Phi_1$
29147	711	400	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{37}{200}$	$\frac{163}{400}$	$\Phi_{400}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
29148	711	235	$\frac{4}{235}$	$\frac{1}{5}$	$\frac{77}{235}$	$\frac{2}{5}$	$\Phi_{235}^3\ \Phi_{47}^3\ \Phi_5^4\ \Phi_1^5$
29149	711	640	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{640}^2\ \Phi_{128}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
29150	711	120	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{120}^9\ \Phi_{40}^9\ \Phi_{24}^9\ \Phi_{20}^9\ \Phi_{10}^8\ \Phi_8^9\ \Phi_5^8\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
29151	711	355	$\frac{4}{355}$	$\frac{117}{355}$	$\frac{118}{355}$	$\frac{119}{355}$	$\Phi_{355}^2\ \Phi_{71}^2\ \Phi_5^2\ \Phi_1^3$
29152	711	324	$\frac{2}{81}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^3\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{18}^2\ \Phi_9^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
29153	711	93	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{14}{93}$	$\frac{1}{3}$	$\Phi_{93}^7\ \Phi_{31}^9\ \Phi_3^6\ \Phi_1^9$
29154	711	468	$\frac{1}{39}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{38}{117}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{117}^3\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
29155	711	204	$\frac{1}{34}$	$\frac{23}{102}$	$\frac{1}{4}$	$\frac{11}{34}$	$\Phi_{204}^6\ \Phi_{102}^3\ \Phi_{68}^2\ \Phi_{51}^3\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}^6\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
29156	711	275	$\frac{4}{55}$	$\frac{38}{275}$	$\frac{1}{5}$	$\frac{17}{55}$	$\Phi_{275}^3\ \Phi_{55}\ \Phi_{25}^3\ \Phi_{11}\ \Phi_1$
29157	711	112	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{4}$	$\frac{33}{112}$	$\Phi_{112}^6\ \Phi_{56}^6\ \Phi_{28}^8\ \Phi_{16}^6\ \Phi_{14}^7\ \Phi_8^6\ \Phi_7^7\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
29158	711	480	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
29159	711	84	$\frac{5}{84}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{84}^9\ \Phi_{42}^9\ \Phi_{28}^7\ \Phi_{21}^9\ \Phi_{14}^7\ \Phi_{12}^9\ \Phi_7^9\ \Phi_6^9\ \Phi_4^6\ \Phi_3^9\ \Phi_2^6\ \Phi_1^9$
29160	711	110	$\frac{4}{55}$	$\frac{17}{110}$	$\frac{1}{5}$	$\frac{31}{110}$	$\Phi_{110}^6\ \Phi_{55}^7\ \Phi_{22}^6\ \Phi_{11}^7\ \Phi_{10}^6\ \Phi_5^6\ \Phi_2^6\ \Phi_1^7$
29161	711	325	$\frac{4}{65}$	$\frac{61}{325}$	$\frac{1}{5}$	$\frac{88}{325}$	$\Phi_{325}^2\ \Phi_{65}^3\ \Phi_{25}^2\ \Phi_{13}^3\ \Phi_5^2\ \Phi_1^3$
29162	711	90	$\frac{1}{10}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{90}^9\ \Phi_{45}^9\ \Phi_{30}^4\ \Phi_{18}^9\ \Phi_{15}^5\ \Phi_{10}^8\ \Phi_9^9\ \Phi_6^4\ \Phi_5^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^9$
29163	711	320	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{320}$	$\frac{83}{320}$	$\Phi_{320}^2\ \Phi_{160}^2\ \Phi_{80}^3\ \Phi_{64}^2\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
29164	711	104	$\frac{1}{26}$	$\frac{25}{104}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{104}^{9}\,\Phi_{52}^{5}\,\Phi_{26}^{4}\,\Phi_{13}^{4}\,\Phi_{8}^{9}\,\Phi_{4}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
29165	711	84	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{84}^{9}\,\Phi_{42}^{9}\,\Phi_{28}^{9}\,\Phi_{21}^{9}\,\Phi_{14}^{9}\,\Phi_{12}^{5}\,\Phi_{7}^{9}\,\Phi_{6}^{4}\,\Phi_{4}^{7}\,\Phi_{3}^{4}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
29166	711	364	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{364}^{2}\,\Phi_{182}^{2}\,\Phi_{91}^{3}\,\Phi_{28}^{2}\,\Phi_{14}^{2}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
29167	711	280	$\frac{1}{14}$	$\frac{43}{280}$	$\frac{13}{56}$	$\frac{1}{4}$	$\Phi_{280}^{3}\,\Phi_{140}^{3}\,\Phi_{70}^{3}\,\Phi_{40}^{3}\,\Phi_{35}^{3}\,\Phi_{28}^{2}\,\Phi_{20}^{3}\,\Phi_{14}\,\Phi_{10}^{3}\,\Phi_{7}\,\Phi_{5}^{3}\,\Phi_{4}\,\Phi_{1}$
29168	711	308	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{308}$	$\frac{1}{4}$	$\Phi_{308}^{2}\,\Phi_{154}^{2}\,\Phi_{77}^{3}\,\Phi_{44}^{2}\,\Phi_{28}^{3}\,\Phi_{22}^{2}\,\Phi_{14}^{3}\,\Phi_{11}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
29169	711	880	$\frac{4}{55}$	$\frac{169}{880}$	$\frac{1}{5}$	$\frac{51}{220}$	$\Phi_{880}\,\Phi_{440}\,\Phi_{176}\,\Phi_{88}\,\Phi_{80}\,\Phi_{55}\,\Phi_{40}\,\Phi_{16}\,\Phi_{11}\,\Phi_{8}\,\Phi_{1}$
29170	711	100	$\frac{1}{10}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{100}^{9}\,\Phi_{50}^{4}\,\Phi_{25}^{5}\,\Phi_{20}^{9}\,\Phi_{10}^{8}\,\Phi_{5}^{8}\,\Phi_{4}^{9}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
29171	712	177	$\frac{1}{177}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{88}{177}$	$\Phi_{177}^{4}\,\Phi_{59}^{4}\,\Phi_{3}^{5}\,\Phi_{1}^{6}$
29172	712	711	$\frac{5}{711}$	$\frac{179}{711}$	$\frac{266}{711}$	$\frac{353}{711}$	$\Phi_{711}\,\Phi_{237}\,\Phi_{79}\,\Phi_{9}\,\Phi_{3}\,\Phi_{1}^{2}$
29173	712	357	$\frac{1}{119}$	$\frac{30}{119}$	$\frac{1}{3}$	$\frac{59}{119}$	$\Phi_{357}^{3}\,\Phi_{51}^{3}\,\Phi_{21}^{3}\,\Phi_{3}^{2}$
29174	712	1232	$\frac{1}{88}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{87}{176}$	$\Phi_{1232}\,\Phi_{176}^{2}\,\Phi_{112}\,\Phi_{16}^{2}\,\Phi_{7}\,\Phi_{1}^{2}$
29175	712	2640	$\frac{1}{88}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{87}{176}$	$\Phi_{2640}\,\Phi_{240}\,\Phi_{15}$
29176	712	158	$\frac{1}{79}$	$\frac{10}{79}$	$\frac{69}{158}$	$\frac{39}{79}$	$\Phi_{158}^{8}\,\Phi_{79}\,\Phi_{2}^{8}\,\Phi_{1}^{2}$
29177	712	237	$\frac{1}{79}$	$\frac{59}{237}$	$\frac{20}{79}$	$\frac{39}{79}$	$\Phi_{237}^{4}\,\Phi_{79}\,\Phi_{3}^{4}\,\Phi_{1}^{2}$
29178	712	351	$\frac{5}{351}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{173}{351}$	$\Phi_{351}^{2}\,\Phi_{117}^{2}\,\Phi_{39}^{2}\,\Phi_{27}^{2}\,\Phi_{13}^{2}\,\Phi_{9}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
29179	712	525	$\frac{3}{175}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{86}{175}$	$\Phi_{525}^{2}\,\Phi_{105}^{2}\,\Phi_{75}^{2}\,\Phi_{21}^{3}\,\Phi_{15}^{2}\,\Phi_{3}^{2}$
29180	712	102	$\frac{1}{51}$	$\frac{13}{102}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{102}^{8}\,\Phi_{51}^{6}\,\Phi_{34}^{8}\,\Phi_{17}^{6}\,\Phi_{6}^{8}\,\Phi_{3}^{5}\,\Phi_{2}^{8}\,\Phi_{1}^{6}$
29181	712	522	$\frac{2}{87}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{522}^{3}\,\Phi_{174}^{2}\,\Phi_{58}^{2}\,\Phi_{18}^{3}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
29182	712	693	$\frac{19}{693}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{337}{693}$	$\Phi_{693}\,\Phi_{231}\,\Phi_{99}\,\Phi_{77}\,\Phi_{63}\,\Phi_{33}\,\Phi_{21}^{2}\,\Phi_{11}\,\Phi_{9}\,\Phi_{7}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
29183	712	360	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{360}^{3}\,\Phi_{120}^{2}\,\Phi_{90}^{3}\,\Phi_{72}^{3}\,\Phi_{45}^{2}\,\Phi_{40}^{2}\,\Phi_{30}^{2}\,\Phi_{24}^{2}\,\Phi_{18}^{3}\,\Phi_{15}^{2}\,\Phi_{10}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
29184	712	171	$\frac{7}{171}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{82}{171}$	$\Phi_{171}^{4}\,\Phi_{57}^{4}\,\Phi_{19}^{4}\,\Phi_{9}^{7}\,\Phi_{3}^{7}\,\Phi_{1}^{8}$
29185	712	510	$\frac{4}{85}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{81}{170}$	$\Phi_{510}^{4}\,\Phi_{102}^{4}\,\Phi_{51}\,\Phi_{30}^{4}\,\Phi_{6}^{4}$
29186	712	1530	$\frac{4}{85}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{81}{170}$	$\Phi_{1530}\,\Phi_{510}\,\Phi_{306}\,\Phi_{102}\,\Phi_{90}\,\Phi_{45}\,\Phi_{30}\,\Phi_{18}\,\Phi_{15}\,\Phi_{6}$
29187	712	189	$\frac{1}{21}$	$\frac{11}{189}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{189}^{4}\,\Phi_{63}^{4}\,\Phi_{27}^{4}\,\Phi_{21}^{2}\,\Phi_{9}^{4}\,\Phi_{7}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
29188	712	675	$\frac{37}{675}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{319}{675}$	$\Phi_{675}\,\Phi_{225}\,\Phi_{135}\,\Phi_{75}\,\Phi_{45}^{2}\,\Phi_{27}\,\Phi_{25}\,\Phi_{15}^{2}\,\Phi_{9}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
29189	712	108	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{108}^{8}\,\Phi_{54}^{8}\,\Phi_{27}^{8}\,\Phi_{18}^{8}\,\Phi_{9}^{7}\,\Phi_{6}^{8}\,\Phi_{3}^{7}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
29190	712	561	$\frac{9}{187}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{561}^{2}\,\Phi_{51}\,\Phi_{33}^{2}$
29191	712	168	$\frac{1}{21}$	$\frac{5}{84}$	$\frac{1}{3}$	$\frac{79}{168}$	$\Phi_{168}^{8}\,\Phi_{56}^{8}\,\Phi_{24}^{8}\,\Phi_{21}^{2}\,\Phi_{8}^{8}\,\Phi_{7}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
29192	712	504	$\frac{5}{84}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{79}{168}$	$\Phi_{504}^{3}\,\Phi_{168}^{2}\,\Phi_{72}^{3}\,\Phi_{56}^{2}\,\Phi_{24}^{2}\,\Phi_{18}^{3}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
29193	712	663	$\frac{2}{51}$	$\frac{49}{663}$	$\frac{1}{3}$	$\frac{307}{663}$	$\Phi_{663}\,\Phi_{221}\,\Phi_{51}^{2}\,\Phi_{39}\,\Phi_{17}^{2}\,\Phi_{13}\,\Phi_{3}\,\Phi_{1}^{2}$
29194	712	162	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{73}{162}$	$\Phi_{162}^{8}\,\Phi_{54}^{8}\,\Phi_{18}^{8}\,\Phi_{9}^{7}\,\Phi_{6}^{8}\,\Phi_{3}^{7}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
29195	712	900	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{900}\,\Phi_{450}\,\Phi_{300}\,\Phi_{225}\,\Phi_{150}\,\Phi_{90}\,\Phi_{75}\,\Phi_{45}\,\Phi_{30}\,\Phi_{18}\,\Phi_{15}\,\Phi_{6}$
29196	712	117	$\frac{5}{117}$	$\frac{1}{9}$	$\frac{28}{117}$	$\frac{4}{9}$	$\Phi_{117}^{6}\,\Phi_{39}^{6}\,\Phi_{13}^{6}\,\Phi_{9}^{7}\,\Phi_{3}^{7}\,\Phi_{1}^{8}$
29197	712	189	$\frac{11}{189}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{189}^{4}\,\Phi_{63}^{4}\,\Phi_{27}^{2}\,\Phi_{21}^{4}\,\Phi_{9}^{3}\,\Phi_{7}^{4}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
29198	712	1440	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{80}$	$\frac{71}{160}$	$\Phi_{1440}\,\Phi_{480}\,\Phi_{288}\,\Phi_{96}\,\Phi_{90}\,\Phi_{45}\,\Phi_{30}\,\Phi_{18}\,\Phi_{15}\,\Phi_{6}$
29199	712	158	$\frac{3}{79}$	$\frac{10}{79}$	$\frac{19}{79}$	$\frac{69}{158}$	$\Phi_{158}^{8}\,\Phi_{79}\,\Phi_{2}^{8}\,\Phi_{1}^{2}$
29200	712	158	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{10}{79}$	$\frac{69}{158}$	$\Phi_{158}^{8}\,\Phi_{79}\,\Phi_{2}^{8}\,\Phi_{1}^{2}$
29201	712	315	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{315}$	$\frac{137}{315}$	$\Phi_{315}^{2}\,\Phi_{105}^{2}\,\Phi_{63}^{2}\,\Phi_{45}^{4}\,\Phi_{35}^{2}\,\Phi_{21}^{2}\,\Phi_{15}^{4}\,\Phi_{9}^{3}\,\Phi_{7}^{2}\,\Phi_{5}^{4}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
29202	712	273	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{273}^{4}\,\Phi_{39}^{4}\,\Phi_{21}^{3}\,\Phi_{3}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
29203	712	924	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{43}{132}$	$\frac{3}{7}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{231}\ \Phi_{132}^2\ \Phi_{84}\ \Phi_{66}^2\ \Phi_{42}\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
29204	712	644	$\frac{3}{92}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{644}\ \Phi_{322}\ \Phi_{161}\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_7\ \Phi_1^2$
29205	712	770	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{21}{110}$	$\frac{3}{7}$	$\Phi_{770}\ \Phi_{385}\ \Phi_{110}^2\ \Phi_{70}\ \Phi_{55}^2\ \Phi_{35}\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
29206	712	672	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}^2\ \Phi_{84}\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
29207	712	693	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{99}^2\ \Phi_{63}\ \Phi_{33}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
29208	712	153	$\frac{1}{51}$	$\frac{25}{153}$	$\frac{1}{3}$	$\frac{64}{153}$	$\Phi_{153}^4\ \Phi_{51}^6\ \Phi_{17}^6\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
29209	712	288	$\frac{7}{96}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^2\ \Phi_{72}^3\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
29210	712	450	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{14}{75}$	$\frac{61}{150}$	$\Phi_{450}^3\ \Phi_{150}^2\ \Phi_{90}^3\ \Phi_{50}^2\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
29211	712	144	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{17}{72}$	$\frac{55}{144}$	$\Phi_{144}^8\ \Phi_{48}^8\ \Phi_{18}^8\ \Phi_{16}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
29212	712	135	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{43}{135}$	$\frac{46}{135}$	$\Phi_{135}^4\ \Phi_{45}^8\ \Phi_{27}^4\ \Phi_{15}^8\ \Phi_9^7\ \Phi_5^8\ \Phi_3^7\ \Phi_1^8$
29213	712	90	$\frac{1}{90}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{90}^8\ \Phi_{45}^8\ \Phi_{30}^8\ \Phi_{18}^8\ \Phi_{15}^8\ \Phi_{10}^8\ \Phi_9^8\ \Phi_6^8\ \Phi_5^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
29214	712	531	$\frac{2}{177}$	$\frac{175}{531}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{531}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
29215	712	354	$\frac{1}{59}$	$\frac{29}{118}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{354}^2\ \Phi_{177}\ \Phi_{118}^4\ \Phi_{59}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
29216	712	459	$\frac{1}{51}$	$\frac{103}{459}$	$\frac{50}{153}$	$\frac{1}{3}$	$\Phi_{459}^2\ \Phi_{51}^2\ \Phi_{27}^2\ \Phi_{17}^2\ \Phi_3\ \Phi_1^2$
29217	712	660	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{43}{132}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
29218	712	525	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{169}{525}$	$\frac{1}{3}$	$\Phi_{525}\ \Phi_{175}^2\ \Phi_{105}\ \Phi_{75}\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
29219	712	255	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{77}{255}$	$\frac{1}{3}$	$\Phi_{255}^2\ \Phi_{85}^4\ \Phi_{51}^3\ \Phi_{17}^4\ \Phi_{15}^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
29220	712	189	$\frac{11}{189}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{189}^4\ \Phi_{63}^3\ \Phi_{27}^4\ \Phi_{21}^4\ \Phi_9^3\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
29221	712	126	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{37}{126}$	$\frac{1}{3}$	$\Phi_{126}^8\ \Phi_{63}^8\ \Phi_{21}^2\ \Phi_{18}^8\ \Phi_9^8\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
29222	712	1380	$\frac{3}{92}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{15}$
29223	712	105	$\frac{1}{21}$	$\frac{16}{105}$	$\frac{5}{21}$	$\frac{1}{3}$	$\Phi_{105}^8\ \Phi_{35}^8\ \Phi_{21}^2\ \Phi_{15}^8\ \Phi_7^2\ \Phi_5^8\ \Phi_3\ \Phi_1^2$
29224	712	102	$\frac{1}{17}$	$\frac{13}{102}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{102}^8\ \Phi_{51}^5\ \Phi_{34}^8\ \Phi_{17}^8\ \Phi_6^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
29225	712	231	$\frac{19}{231}$	$\frac{2}{21}$	$\frac{53}{231}$	$\frac{1}{3}$	$\Phi_{231}^3\ \Phi_{77}^3\ \Phi_{33}^3\ \Phi_{21}^4\ \Phi_{11}^3\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
29226	712	330	$\frac{1}{22}$	$\frac{21}{110}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{330}^3\ \Phi_{165}^3\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_{30}^3\ \Phi_{15}^4\ \Phi_6^4\ \Phi_3^4$
29227	712	480	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
29228	712	495	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{165}\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_5^2$
29229	712	1275	$\frac{1}{17}$	$\frac{69}{425}$	$\frac{16}{85}$	$\frac{1}{3}$	$\Phi_{1275}\ \Phi_{75}\ \Phi_{51}$
29230	712	1155	$\frac{29}{385}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{33}\ \Phi_{21}$
29231	712	105	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{105}$	$\frac{1}{3}$	$\Phi_{105}^6\ \Phi_{35}^8\ \Phi_{21}^7\ \Phi_{15}^6\ \Phi_7^8\ \Phi_5^8\ \Phi_3^6\ \Phi_1^8$
29232	712	108	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{108}^8\ \Phi_{54}^8\ \Phi_{36}^8\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
29233	712	126	$\frac{1}{9}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{126}$	$\Phi_{126}^5\ \Phi_{63}^5\ \Phi_{42}^6\ \Phi_{21}^6\ \Phi_{18}^8\ \Phi_{14}^6\ \Phi_9^7\ \Phi_7^6\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
29234	712	405	$\frac{1}{9}$	$\frac{49}{405}$	$\frac{8}{45}$	$\frac{37}{135}$	$\Phi_{405}^2\ \Phi_{135}\ \Phi_{81}^2\ \Phi_{45}^2\ \Phi_{27}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
29235	712	360	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}\ \Phi_{90}^3\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
29236	712	237	$\frac{3}{79}$	$\frac{19}{79}$	$\frac{59}{237}$	$\frac{20}{79}$	$\Phi_{237}^4\ \Phi_{79}\ \Phi_3^4\ \Phi_1^2$
29237	712	225	$\frac{1}{9}$	$\frac{37}{225}$	$\frac{8}{45}$	$\frac{47}{225}$	$\Phi_{225}^3\ \Phi_{75}^3\ \Phi_{45}^4\ \Phi_{25}^3\ \Phi_{15}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
29238	713	1408	$\frac{9}{704}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{695}{1408}$	$\Phi_{1408}\ \Phi_{128}\ \Phi_{16}\ \Phi_1$
29239	713	1392	$\frac{17}{696}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{679}{1392}$	$\Phi_{1392}\ \Phi_{464}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
29240	713	960	$\frac{7}{240}$	$\frac{1}{8}$	$\frac{247}{960}$	$\frac{233}{480}$	$\Phi_{960}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
29241	713	660	$\frac{1}{30}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{29}{60}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
29242	713	660	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{29}{60}$	$\Phi_{660}^2\ \Phi_{220}^2\ \Phi_{132}^2\ \Phi_{60}^3\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
29243	713	132	$\frac{1}{22}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{132}^{10}\ \Phi_{44}^{11}\ \Phi_{33}\ \Phi_{12}^{10}\ \Phi_{11}\ \Phi_4^{11}\ \Phi_1$
29244	713	1980	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{21}{44}$	$\Phi_{1980}\ \Phi_{396}\ \Phi_{180}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
29245	713	440	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{21}{44}$	$\Phi_{440}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{40}^3\ \Phi_{22}^2\ \Phi_{20}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
29246	713	1540	$\frac{1}{22}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{140}\ \Phi_{44}\ \Phi_{35}\ \Phi_{28}\ \Phi_7\ \Phi_4\ \Phi_1$
29247	713	396	$\frac{1}{22}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{21}{44}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{36}^3\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{12}\ \Phi_{11}^2\ \Phi_9^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
29248	713	1360	$\frac{33}{680}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{647}{1360}$	$\Phi_{1360}\ \Phi_{272}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
29249	713	864	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{151}{864}$	$\frac{137}{288}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
29250	713	1344	$\frac{41}{672}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{631}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
29251	713	800	$\frac{7}{80}$	$\frac{87}{800}$	$\frac{1}{8}$	$\frac{73}{160}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
29252	713	672	$\frac{1}{32}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}^2\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
29253	713	1296	$\frac{7}{72}$	$\frac{65}{648}$	$\frac{1}{8}$	$\frac{583}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
29254	713	168	$\frac{1}{24}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{168}^4\ \Phi_{84}^4\ \Phi_{56}^3\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^7\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^7\ \Phi_8^6\ \Phi_7^4\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
29255	713	1280	$\frac{7}{80}$	$\frac{73}{640}$	$\frac{1}{8}$	$\frac{567}{1280}$	$\Phi_{1280}\ \Phi_{256}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
29256	713	1056	$\frac{9}{352}$	$\frac{1}{8}$	$\frac{343}{1056}$	$\frac{7}{16}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
29257	713	32	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{32}^{22}\ \Phi_{16}^{23}\ \Phi_8^{22}\ \Phi_4^{22}\ \Phi_2^{22}\ \Phi_1^{23}$
29258	713	880	$\frac{9}{176}$	$\frac{1}{8}$	$\frac{167}{880}$	$\frac{7}{16}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
29259	713	768	$\frac{55}{768}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
29260	713	768	$\frac{55}{768}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
29261	713	160	$\frac{1}{32}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{160}^4\ \Phi_{80}^4\ \Phi_{40}^3\ \Phi_{32}^7\ \Phi_{20}^4\ \Phi_{16}^7\ \Phi_{10}^4\ \Phi_8^6\ \Phi_5^4\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
29262	713	1200	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{113}{600}$	$\frac{487}{1200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
29263	713	1152	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{137}{576}$	$\frac{439}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
29264	713	288	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^4\ \Phi_{72}^2\ \Phi_{48}^4\ \Phi_{36}\ \Phi_{32}^3\ \Phi_{24}^4\ \Phi_{18}^2\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
29265	713	48	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{48}^{23}\ \Phi_{24}^7\ \Phi_{16}^{23}\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
29266	713	1068	$\frac{1}{89}$	$\frac{88}{267}$	$\frac{355}{1068}$	$\frac{179}{534}$	$\Phi_{1068}\ \Phi_{356}\ \Phi_{267}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
29267	713	33	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{33}^{22}\ \Phi_{11}^{21}\ \Phi_3^{21}\ \Phi_1^{21}$
29268	713	495	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{14}{45}$	$\Phi_{495}^2\ \Phi_{99}^2\ \Phi_{45}^3\ \Phi_{33}\ \Phi_9^3\ \Phi_3\ \Phi_1$
29269	713	1320	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{10}{33}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{264}\ \Phi_{132}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
29270	713	1155	$\frac{1}{11}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{105}\ \Phi_{35}\ \Phi_{33}\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1$
29271	713	396	$\frac{1}{11}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{44}^2\ \Phi_{36}^3\ \Phi_{33}\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_4^3\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
29272	713	864	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{151}{864}$	$\frac{65}{216}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
29273	713	1008	$\frac{41}{336}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{295}{1008}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
29274	713	960	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{320}$	$\frac{247}{960}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
29275	714	1180	$\frac{1}{118}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{117}{236}$	$\Phi_{1180}\ \Phi_{236}^2\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
29276	714	708	$\frac{1}{118}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{117}{236}$	$\Phi_{708}\ \Phi_{354}^2\ \Phi_{177}^2\ \Phi_{12}^2\ \Phi_{6}^3\ \Phi_{3}^2$
29277	714	1212	$\frac{1}{101}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{50}{101}$	$\Phi_{1212}\ \Phi_{404}\ \Phi_{101}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
29278	714	909	$\frac{1}{101}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{50}{101}$	$\Phi_{909}\ \Phi_{101}\ \Phi_{9}^2\ \Phi_{1}^2$
29279	714	1638	$\frac{2}{117}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{115}{234}$	$\Phi_{1638}\ \Phi_{546}\ \Phi_{182}\ \Phi_{126}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
29280	714	1300	$\frac{1}{50}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{49}{100}$	$\Phi_{1300}\ \Phi_{260}\ \Phi_{100}^2\ \Phi_{52}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{4}^2\ \Phi_{1}^2$
29281	714	600	$\frac{1}{50}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{600}^2\ \Phi_{300}\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{6}^3\ \Phi_{3}^2$
29282	714	1312	$\frac{1}{41}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{20}{41}$	$\Phi_{1312}\ \Phi_{41}\ \Phi_{32}^2\ \Phi_{1}^2$
29283	714	984	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{20}{41}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{41}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
29284	714	820	$\frac{1}{41}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{20}{41}$	$\Phi_{820}\ \Phi_{410}\ \Phi_{205}\ \Phi_{41}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{1}^2$
29285	714	1120	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{41}{160}$	$\frac{39}{80}$	$\Phi_{1120}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
29286	714	1624	$\frac{3}{116}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{113}{232}$	$\Phi_{1624}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
29287	714	1320	$\frac{1}{33}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{16}{33}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{120}\ \Phi_{88}\ \Phi_{40}^2\ \Phi_{33}\ \Phi_{24}\ \Phi_{11}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
29288	714	330	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{16}{33}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{33}^3\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{11}^3\ \Phi_{10}^4\ \Phi_{6}^2\ \Phi_{5}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
29289	714	264	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{264}^3\ \Phi_{132}^2\ \Phi_{88}^3\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^3\ \Phi_{8}^6\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
29290	714	825	$\frac{1}{33}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{16}{33}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{75}\ \Phi_{33}\ \Phi_{25}^2\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}^2$
29291	714	682	$\frac{1}{31}$	$\frac{16}{341}$	$\frac{325}{682}$	$\frac{15}{31}$	$\Phi_{682}^2\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{22}^2\ \Phi_{2}^2\ \Phi_{1}^2$
29292	714	230	$\frac{4}{115}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{111}{230}$	$\Phi_{230}^6\ \Phi_{46}^6\ \Phi_{23}\ \Phi_{10}^6\ \Phi_{2}^6\ \Phi_{1}^2$
29293	714	230	$\frac{4}{115}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{111}{230}$	$\Phi_{230}^6\ \Phi_{46}^6\ \Phi_{23}\ \Phi_{10}^6\ \Phi_{2}^6\ \Phi_{1}^2$
29294	714	1610	$\frac{4}{115}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{111}{230}$	$\Phi_{1610}\ \Phi_{322}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
29295	714	713	$\frac{29}{713}$	$\frac{53}{713}$	$\frac{220}{713}$	$\frac{342}{713}$	$\Phi_{713}\ \Phi_{31}\ \Phi_{23}\ \Phi_{1}^2$
29296	714	1008	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{25}{144}$	$\frac{23}{48}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
29297	714	23	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{23}^{31}\ \Phi_{1}^{32}$
29298	714	460	$\frac{1}{23}$	$\frac{12}{115}$	$\frac{103}{460}$	$\frac{11}{23}$	$\Phi_{460}^2\ \Phi_{230}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
29299	714	138	$\frac{1}{23}$	$\frac{19}{138}$	$\frac{4}{23}$	$\frac{11}{23}$	$\Phi_{138}^6\ \Phi_{69}^6\ \Phi_{46}^6\ \Phi_{23}\ \Phi_{6}^6\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^2$
29300	714	1596	$\frac{5}{114}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{109}{228}$	$\Phi_{1596}\ \Phi_{532}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
29301	714	824	$\frac{5}{103}$	$\frac{1}{8}$	$\frac{18}{103}$	$\frac{49}{103}$	$\Phi_{824}\ \Phi_{412}\ \Phi_{206}$
29302	714	360	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{360}^4\ \Phi_{120}^3\ \Phi_{72}^4\ \Phi_{40}^4\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{8}^4\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
29303	714	440	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{19}{40}$	$\Phi_{440}^3\ \Phi_{88}^3\ \Phi_{40}^4\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{8}^4\ \Phi_{2}^2\ \Phi_{1}^2$
29304	714	713	$\frac{37}{713}$	$\frac{84}{713}$	$\frac{125}{713}$	$\frac{338}{713}$	$\Phi_{713}\ \Phi_{31}\ \Phi_{23}\ \Phi_{1}^2$
29305	714	956	$\frac{13}{239}$	$\frac{18}{239}$	$\frac{1}{4}$	$\frac{113}{239}$	$\Phi_{956}\ \Phi_{478}$
29306	714	1056	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{1056}^2\ \Phi_{96}\ \Phi_{66}\ \Phi_{33}\ \Phi_{6}$
29307	714	1312	$\frac{2}{41}$	$\frac{1}{16}$	$\frac{13}{41}$	$\frac{15}{32}$	$\Phi_{1312}\ \Phi_{41}\ \Phi_{32}^2\ \Phi_{1}^2$
29308	714	480	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{480}^3\ \Phi_{160}^3\ \Phi_{96}^3\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
29309	714	1312	$\frac{1}{16}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{15}{32}$	$\Phi_{1312}\ \Phi_{41}\ \Phi_{32}^2\ \Phi_1^2$
29310	714	224	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{224}^7\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
29311	714	325	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{8}{25}$	$\frac{6}{13}$	$\Phi_{325}^2\ \Phi_{65}^2\ \Phi_{25}^4\ \Phi_{13}^3\ \Phi_5^4\ \Phi_1^6$
29312	714	468	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{468}^2\ \Phi_{234}\ \Phi_{156}^2\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}^4\ \Phi_{18}^2\ \Phi_{13}\ \Phi_{12}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
29313	714	715	$\frac{4}{55}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{715}\ \Phi_{143}\ \Phi_{55}^2\ \Phi_{13}\ \Phi_{11}^2\ \Phi_1^2$
29314	714	260	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{6}{13}$	$\Phi_{260}^3\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{52}^3\ \Phi_{26}^2\ \Phi_{20}^6\ \Phi_{13}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
29315	714	1540	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{101}{220}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
29316	714	31	$\frac{1}{31}$	$\frac{3}{31}$	$\frac{10}{31}$	$\frac{14}{31}$	$\Phi_{31}^{23}\ \Phi_1^{24}$
29317	714	1512	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{7}$	$\frac{97}{216}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
29318	714	92	$\frac{1}{23}$	$\frac{5}{46}$	$\frac{11}{46}$	$\frac{41}{92}$	$\Phi_{92}^{14}\ \Phi_{46}^2\ \Phi_{23}\ \Phi_4^{14}\ \Phi_2^2\ \Phi_1^2$
29319	714	92	$\frac{2}{23}$	$\frac{5}{46}$	$\frac{3}{23}$	$\frac{41}{92}$	$\Phi_{92}^{14}\ \Phi_{23}^3\ \Phi_4^{14}\ \Phi_1^4$
29320	714	774	$\frac{1}{18}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{774}\ \Phi_{387}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}$
29321	714	496	$\frac{1}{31}$	$\frac{15}{124}$	$\frac{139}{496}$	$\frac{109}{248}$	$\Phi_{496}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{16}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
29322	714	896	$\frac{9}{128}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
29323	714	1290	$\frac{1}{43}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1290}\ \Phi_{430}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}$
29324	714	330	$\frac{1}{22}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^3\ \Phi_{66}^2\ \Phi_{55}^3\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
29325	714	210	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{13}{30}$	$\Phi_{210}^7\ \Phi_{105}\ \Phi_{70}^7\ \Phi_{42}^7\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}^7$
29326	714	713	$\frac{34}{713}$	$\frac{97}{713}$	$\frac{135}{713}$	$\frac{308}{713}$	$\Phi_{713}\ \Phi_{31}\ \Phi_{23}\ \Phi_1^2$
29327	714	956	$\frac{8}{239}$	$\frac{33}{239}$	$\frac{1}{4}$	$\frac{103}{239}$	$\Phi_{956}\ \Phi_{478}$
29328	714	462	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{14}\ \Phi_6^2$
29329	714	620	$\frac{1}{31}$	$\frac{47}{310}$	$\frac{15}{62}$	$\frac{263}{620}$	$\Phi_{620}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
29330	714	156	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{156}^5\ \Phi_{78}^5\ \Phi_{52}^4\ \Phi_{39}^5\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_{12}^3\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
29331	714	1212	$\frac{2}{101}$	$\frac{1}{6}$	$\frac{33}{101}$	$\frac{5}{12}$	$\Phi_{1212}\ \Phi_{404}\ \Phi_{101}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
29332	714	1032	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1032}\ \Phi_{344}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}$
29333	714	420	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{420}\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^3\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_7^2\ \Phi_5^2$
29334	714	1212	$\frac{5}{101}$	$\frac{16}{101}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1212}\ \Phi_{404}\ \Phi_{101}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
29335	714	252	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{252}^6\ \Phi_{126}\ \Phi_{84}^5\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}^5\ \Phi_{21}\ \Phi_{14}$
29336	714	1400	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{19}{100}$	$\frac{81}{200}$	$\Phi_{1400}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
29337	714	885	$\frac{1}{59}$	$\frac{1}{5}$	$\frac{58}{177}$	$\frac{2}{5}$	$\Phi_{885}\ \Phi_{177}^2\ \Phi_{15}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
29338	714	260	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{260}^3\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{20}^3\ \Phi_{13}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
29339	714	220	$\frac{1}{22}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{220}^4\ \Phi_{110}^3\ \Phi_{55}^3\ \Phi_{44}^4\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{11}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
29340	714	295	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{295}^2\ \Phi_{59}^4\ \Phi_5^3\ \Phi_1^6$
29341	714	360	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}\ \Phi_{72}^4\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}^4\ \Phi_{30}\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^4\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
29342	714	308	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{308}^4\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}^4\ \Phi_{28}^2\ \Phi_{14}\ \Phi_4^2$
29343	714	1344	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{23}{96}$	$\frac{73}{192}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
29344	714	840	$\frac{1}{15}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
29345	714	186	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{26}{93}$	$\frac{67}{186}$	$\Phi_{186}^6\ \Phi_{62}^6\ \Phi_{31}^5\ \Phi_6^6\ \Phi_2^6\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
29346	714	713	$\frac{27}{713}$	$\frac{98}{713}$	$\frac{205}{713}$	$\frac{254}{713}$	$\Phi_{713}\ \Phi_{31}\ \Phi_{23}\ \Phi_{1}^{2}$
29347	714	124	$\frac{5}{124}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{124}^{6}\ \Phi_{62}^{6}\ \Phi_{31}^{5}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
29348	714	184	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{27}{92}$	$\frac{65}{184}$	$\Phi_{184}^{6}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{23}\ \Phi_{8}^{6}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
29349	714	774	$\frac{1}{18}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{774}\ \Phi_{387}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}$
29350	714	390	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{390}^{3}\ \Phi_{195}\ \Phi_{130}^{3}\ \Phi_{78}^{3}\ \Phi_{65}\ \Phi_{39}\ \Phi_{30}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}$
29351	714	713	$\frac{38}{713}$	$\frac{67}{713}$	$\frac{225}{713}$	$\frac{244}{713}$	$\Phi_{713}\ \Phi_{31}\ \Phi_{23}\ \Phi_{1}^{2}$
29352	714	824	$\frac{4}{103}$	$\frac{1}{8}$	$\frac{33}{103}$	$\frac{35}{103}$	$\Phi_{824}\ \Phi_{412}\ \Phi_{206}$
29353	714	1260	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{29}{90}$	$\frac{61}{180}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
29354	714	468	$\frac{1}{52}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{468}^{2}\ \Phi_{234}^{2}\ \Phi_{156}\ \Phi_{117}^{2}\ \Phi_{78}\ \Phi_{39}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{6}$
29355	714	708	$\frac{1}{59}$	$\frac{1}{4}$	$\frac{58}{177}$	$\frac{1}{3}$	$\Phi_{708}\ \Phi_{354}\ \Phi_{236}^{2}\ \Phi_{118}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
29356	714	909	$\frac{2}{101}$	$\frac{2}{9}$	$\frac{33}{101}$	$\frac{1}{3}$	$\Phi_{909}\ \Phi_{101}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
29357	714	600	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{600}^{2}\ \Phi_{300}^{2}\ \Phi_{150}^{2}\ \Phi_{120}^{2}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
29358	714	1074	$\frac{19}{358}$	$\frac{35}{358}$	$\frac{113}{358}$	$\frac{1}{3}$	$\Phi_{1074}\ \Phi_{537}\ \Phi_{6}$
29359	714	90	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{90}^{8}\ \Phi_{45}^{8}\ \Phi_{30}^{6}\ \Phi_{18}^{10}\ \Phi_{15}^{6}\ \Phi_{10}^{8}\ \Phi_{9}^{10}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
29360	714	264	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{264}^{2}\ \Phi_{132}^{2}\ \Phi_{88}^{4}\ \Phi_{66}^{3}\ \Phi_{44}^{4}\ \Phi_{33}^{3}\ \Phi_{24}\ \Phi_{22}^{4}\ \Phi_{12}\ \Phi_{11}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
29361	714	1074	$\frac{15}{358}$	$\frac{49}{358}$	$\frac{103}{358}$	$\frac{1}{3}$	$\Phi_{1074}\ \Phi_{537}\ \Phi_{6}$
29362	714	1260	$\frac{1}{35}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{70}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
29363	714	660	$\frac{1}{22}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{165}^{2}\ \Phi_{66}\ \Phi_{60}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
29364	714	708	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{708}^{2}\ \Phi_{354}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
29365	714	72	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{72}^{12}\ \Phi_{36}^{8}\ \Phi_{24}^{9}\ \Phi_{18}^{10}\ \Phi_{12}^{6}\ \Phi_{9}^{10}\ \Phi_{8}^{12}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
29366	714	1092	$\frac{2}{39}$	$\frac{1}{7}$	$\frac{37}{156}$	$\frac{1}{3}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{182}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
29367	714	909	$\frac{5}{101}$	$\frac{16}{101}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{909}\ \Phi_{101}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
29368	714	126	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{126}^{7}\ \Phi_{63}^{6}\ \Phi_{42}^{7}\ \Phi_{21}^{7}\ \Phi_{14}^{7}\ \Phi_{7}^{6}$
29369	714	450	$\frac{1}{18}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{450}^{2}\ \Phi_{225}^{2}\ \Phi_{150}^{2}\ \Phi_{75}\ \Phi_{50}^{2}\ \Phi_{25}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
29370	714	1320	$\frac{4}{55}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
29371	714	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{3}$	$\Phi_{120}^{10}\ \Phi_{60}^{7}\ \Phi_{30}^{8}\ \Phi_{24}^{11}\ \Phi_{15}^{8}\ \Phi_{12}^{8}\ \Phi_{6}^{9}\ \Phi_{3}^{8}$
29372	714	984	$\frac{2}{41}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{13}{41}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{41}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
29373	714	820	$\frac{2}{41}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{13}{41}$	$\Phi_{820}\ \Phi_{410}\ \Phi_{205}\ \Phi_{41}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
29374	714	1008	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{25}{144}$	$\frac{11}{36}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
29375	714	110	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{22}$	$\frac{3}{10}$	$\Phi_{110}^{6}\ \Phi_{55}^{6}\ \Phi_{22}^{8}\ \Phi_{11}^{7}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
29376	714	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{120}^{6}\ \Phi_{60}^{7}\ \Phi_{40}^{6}\ \Phi_{30}^{7}\ \Phi_{24}^{3}\ \Phi_{20}^{7}\ \Phi_{15}^{6}\ \Phi_{12}^{4}\ \Phi_{10}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
29377	714	984	$\frac{5}{41}$	$\frac{1}{8}$	$\frac{6}{41}$	$\frac{7}{24}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{41}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
29378	714	168	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{168}^{7}\ \Phi_{84}^{7}\ \Phi_{56}\ \Phi_{42}^{7}\ \Phi_{28}\ \Phi_{21}^{7}\ \Phi_{14}$
29379	714	990	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{198}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{18}\ \Phi_{10}$
29380	714	23	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{6}{23}$	$\Phi_{23}^{31}\ \Phi_{1}^{32}$
29381	714	60	$\frac{1}{15}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{60}^{13}\ \Phi_{30}^{13}\ \Phi_{20}^{10}\ \Phi_{15}^{12}\ \Phi_{12}^{13}\ \Phi_{10}^{10}\ \Phi_{6}^{13}\ \Phi_{5}^{9}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
29382	714	88	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{88}^{9}\ \Phi_{44}^{6}\ \Phi_{22}^{8}\ \Phi_{11}^{7}\ \Phi_{8}^{12}\ \Phi_{4}^{8}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
29383	714	960	$\frac{1}{15}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
29384	714	820	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{820}\ \Phi_{410}\ \Phi_{205}\ \Phi_{41}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
29385	714	280	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{280}^4\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{56}\ \Phi_{35}^3\ \Phi_{28}\ \Phi_{14}$
29386	714	550	$\frac{1}{11}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{5}{22}$	$\Phi_{550}^2\ \Phi_{275}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
29387	714	138	$\frac{3}{23}$	$\frac{19}{138}$	$\frac{4}{23}$	$\frac{5}{23}$	$\Phi_{138}^6\ \Phi_{69}^6\ \Phi_{46}^6\ \Phi_{23}\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^2$
29388	715	568	$\frac{1}{142}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{141}{284}$	$\Phi_{568}^2\ \Phi_{284}\ \Phi_8^3\ \Phi_4\ \Phi_1$
29389	715	1224	$\frac{1}{102}$	$\frac{103}{612}$	$\frac{509}{1224}$	$\frac{101}{204}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
29390	715	1416	$\frac{7}{708}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{701}{1416}$	$\Phi_{1416}\ \Phi_{472}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
29391	715	282	$\frac{2}{141}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{139}{282}$	$\Phi_{282}^2\ \Phi_{141}^3\ \Phi_{94}^2\ \Phi_{47}^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
29392	715	640	$\frac{1}{64}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{63}{128}$	$\Phi_{640}^2\ \Phi_{128}^3\ \Phi_{20}\ \Phi_4\ \Phi_1$
29393	715	1920	$\frac{1}{64}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{63}{128}$	$\Phi_{1920}\ \Phi_{384}\ \Phi_{128}\ \Phi_{15}\ \Phi_3\ \Phi_1$
29394	715	216	$\frac{1}{54}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{53}{108}$	$\Phi_{216}^6\ \Phi_{108}\ \Phi_{72}^6\ \Phi_{36}\ \Phi_{24}^7\ \Phi_{12}\ \Phi_8^7\ \Phi_4\ \Phi_1$
29395	715	540	$\frac{1}{54}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{53}{108}$	$\Phi_{540}^3\ \Phi_{180}^3\ \Phi_{108}\ \Phi_{60}^3\ \Phi_{36}\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
29396	715	108	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{53}{108}$	$\Phi_{108}^{13}\ \Phi_{36}^{13}\ \Phi_{18}\ \Phi_{12}^{13}\ \Phi_9\ \Phi_4^{13}\ \Phi_1$
29397	715	432	$\frac{1}{54}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{53}{108}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
29398	715	192	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{49}{192}$	$\frac{47}{96}$	$\Phi_{192}^5\ \Phi_{64}^5\ \Phi_{48}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
29399	715	280	$\frac{3}{140}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{137}{280}$	$\Phi_{280}^5\ \Phi_{56}^5\ \Phi_{40}^5\ \Phi_{28}\ \Phi_8^5\ \Phi_4\ \Phi_1$
29400	715	280	$\frac{3}{140}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{137}{280}$	$\Phi_{280}^5\ \Phi_{56}^5\ \Phi_{40}^5\ \Phi_8^5\ \Phi_7^2\ \Phi_1^3$
29401	715	840	$\frac{3}{140}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{137}{280}$	$\Phi_{840}^2\ \Phi_{280}\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{56}\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
29402	715	1344	$\frac{1}{42}$	$\frac{43}{672}$	$\frac{629}{1344}$	$\frac{41}{84}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{84}\ \Phi_{64}\ \Phi_{28}\ \Phi_{12}\ \Phi_4\ \Phi_1$
29403	715	1008	$\frac{1}{42}$	$\frac{43}{336}$	$\frac{293}{1008}$	$\frac{41}{84}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
29404	715	168	$\frac{1}{42}$	$\frac{25}{168}$	$\frac{43}{168}$	$\frac{41}{84}$	$\Phi_{168}^4\ \Phi_{84}^5\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{28}^5\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_7^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
29405	715	1392	$\frac{19}{696}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{677}{1392}$	$\Phi_{1392}\ \Phi_{464}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
29406	715	272	$\frac{1}{34}$	$\frac{7}{136}$	$\frac{129}{272}$	$\frac{33}{68}$	$\Phi_{272}^5\ \Phi_{68}\ \Phi_{16}^5\ \Phi_4\ \Phi_1$
29407	715	204	$\frac{1}{34}$	$\frac{7}{68}$	$\frac{61}{204}$	$\frac{33}{68}$	$\Phi_{204}^5\ \Phi_{102}^5\ \Phi_{68}\ \Phi_{51}^5\ \Phi_{12}^5\ \Phi_6^5\ \Phi_4\ \Phi_3^5\ \Phi_1$
29408	715	816	$\frac{1}{34}$	$\frac{101}{816}$	$\frac{35}{136}$	$\frac{33}{68}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
29409	715	252	$\frac{2}{63}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{252}^3\ \Phi_{126}^2\ \Phi_{84}^3\ \Phi_{63}^3\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^5\ \Phi_9^3\ \Phi_7^3\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
29410	715	126	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{61}{126}$	$\Phi_{126}^4\ \Phi_{63}^7\ \Phi_{42}^4\ \Phi_{21}^7\ \Phi_{18}^4\ \Phi_{14}^6\ \Phi_9^7\ \Phi_7^8\ \Phi_6^4\ \Phi_3^7\ \Phi_2^6\ \Phi_1^9$
29411	715	864	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{149}{864}$	$\frac{139}{288}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
29412	715	276	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{133}{276}$	$\Phi_{276}^5\ \Phi_{92}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
29413	715	1368	$\frac{31}{684}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{653}{1368}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{152}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
29414	715	264	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{264}^4\ \Phi_{132}^2\ \Phi_{88}^3\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}^4\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
29415	715	272	$\frac{7}{136}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{129}{272}$	$\Phi_{272}^5\ \Phi_{17}^2\ \Phi_{16}^5\ \Phi_1^3$
29416	715	816	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{129}{272}$	$\Phi_{816}^2\ \Phi_{272}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
29417	715	728	$\frac{3}{52}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{728}^2\ \Phi_{104}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
29418	715	270	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{127}{270}$	$\Phi_{270}^{2}\,\Phi_{135}^{3}\,\Phi_{90}^{2}\,\Phi_{54}^{2}\,\Phi_{45}^{3}\,\Phi_{30}^{2}\,\Phi_{27}^{3}\,\Phi_{18}^{5}\,\Phi_{15}^{3}\,\Phi_{10}^{2}\,\Phi_{9}^{5}\,\Phi_{6}^{4}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
29419	715	480	$\frac{1}{16}$	$\frac{17}{160}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{480}^{2}\,\Phi_{240}^{2}\,\Phi_{160}\,\Phi_{120}^{2}\,\Phi_{80}\,\Phi_{60}^{2}\,\Phi_{48}^{2}\,\Phi_{40}\,\Phi_{30}^{2}\,\Phi_{24}^{2}\,\Phi_{20}\,\Phi_{16}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{10}\,\Phi_{8}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
29420	715	1344	$\frac{43}{672}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{629}{1344}$	$\Phi_{1344}\,\Phi_{448}\,\Phi_{192}\,\Phi_{64}\,\Phi_{56}\,\Phi_{28}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
29421	715	1344	$\frac{43}{672}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{629}{1344}$	$\Phi_{1344}\,\Phi_{448}\,\Phi_{192}\,\Phi_{64}\,\Phi_{48}\,\Phi_{24}\,\Phi_{16}\,\Phi_{12}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
29422	715	168	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{25}{168}$	$\frac{13}{28}$	$\Phi_{168}^{5}\,\Phi_{84}^{5}\,\Phi_{56}^{5}\,\Phi_{42}^{5}\,\Phi_{28}\,\Phi_{24}^{5}\,\Phi_{21}^{5}\,\Phi_{12}^{5}\,\Phi_{8}^{5}\,\Phi_{6}^{5}\,\Phi_{4}\,\Phi_{3}^{5}\,\Phi_{1}$
29423	715	456	$\frac{2}{57}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{456}^{3}\,\Phi_{152}^{3}\,\Phi_{57}\,\Phi_{24}\,\Phi_{19}\,\Phi_{8}\,\Phi_{1}$
29424	715	648	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{26}{81}$	$\frac{11}{24}$	$\Phi_{648}^{3}\,\Phi_{81}\,\Phi_{24}\,\Phi_{8}\,\Phi_{1}$
29425	715	72	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{17}{72}$	$\frac{11}{24}$	$\Phi_{72}^{7}\,\Phi_{36}^{13}\,\Phi_{24}^{8}\,\Phi_{18}^{12}\,\Phi_{12}^{13}\,\Phi_{9}^{12}\,\Phi_{8}^{8}\,\Phi_{6}^{12}\,\Phi_{4}^{13}\,\Phi_{3}^{12}\,\Phi_{2}^{12}\,\Phi_{1}^{13}$
29426	715	216	$\frac{2}{27}$	$\frac{1}{12}$	$\frac{5}{27}$	$\frac{11}{24}$	$\Phi_{216}^{6}\,\Phi_{72}^{6}\,\Phi_{27}^{2}\,\Phi_{24}^{7}\,\Phi_{9}^{2}\,\Phi_{8}^{7}\,\Phi_{3}^{2}\,\Phi_{1}^{3}$
29427	715	24	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{24}^{55}\,\Phi_{12}^{5}\,\Phi_{8}^{55}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
29428	715	504	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{11}{24}$	$\Phi_{504}^{3}\,\Phi_{168}^{3}\,\Phi_{63}\,\Phi_{56}^{3}\,\Phi_{24}\,\Phi_{21}\,\Phi_{8}\,\Phi_{7}\,\Phi_{1}$
29429	715	480	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{31}{96}$	$\frac{9}{20}$	$\Phi_{480}^{2}\,\Phi_{240}^{2}\,\Phi_{120}^{2}\,\Phi_{96}^{3}\,\Phi_{60}^{2}\,\Phi_{48}^{3}\,\Phi_{30}^{2}\,\Phi_{24}^{3}\,\Phi_{20}\,\Phi_{15}^{2}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}\,\Phi_{3}^{3}\,\Phi_{1}$
29430	715	340	$\frac{3}{68}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{340}^{2}\,\Phi_{170}^{2}\,\Phi_{85}^{2}\,\Phi_{68}^{3}\,\Phi_{34}^{3}\,\Phi_{20}\,\Phi_{17}^{3}\,\Phi_{4}\,\Phi_{1}$
29431	715	80	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{9}{20}$	$\Phi_{80}^{8}\,\Phi_{40}^{8}\,\Phi_{20}^{9}\,\Phi_{16}^{12}\,\Phi_{10}^{8}\,\Phi_{8}^{12}\,\Phi_{5}^{8}\,\Phi_{4}^{13}\,\Phi_{2}^{12}\,\Phi_{1}^{13}$
29432	715	420	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{420}^{4}\,\Phi_{140}^{2}\,\Phi_{84}^{4}\,\Phi_{60}^{2}\,\Phi_{42}^{2}\,\Phi_{28}^{2}\,\Phi_{21}^{2}\,\Phi_{20}\,\Phi_{14}\,\Phi_{12}^{2}\,\Phi_{7}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
29433	715	360	$\frac{7}{72}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{360}^{2}\,\Phi_{180}^{2}\,\Phi_{120}^{2}\,\Phi_{90}^{2}\,\Phi_{72}^{3}\,\Phi_{60}^{2}\,\Phi_{45}^{2}\,\Phi_{36}^{3}\,\Phi_{30}^{2}\,\Phi_{24}^{3}\,\Phi_{20}\,\Phi_{18}^{3}\,\Phi_{15}^{2}\,\Phi_{12}^{3}\,\Phi_{9}^{3}\,\Phi_{6}^{3}\,\Phi_{4}\,\Phi_{3}^{3}\,\Phi_{1}$
29434	715	1296	$\frac{5}{72}$	$\frac{67}{648}$	$\frac{1}{6}$	$\frac{581}{1296}$	$\Phi_{1296}\,\Phi_{432}\,\Phi_{144}\,\Phi_{72}\,\Phi_{48}\,\Phi_{36}\,\Phi_{24}\,\Phi_{18}\,\Phi_{16}\,\Phi_{12}\,\Phi_{9}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
29435	715	768	$\frac{53}{768}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{768}\,\Phi_{384}\,\Phi_{256}\,\Phi_{192}\,\Phi_{128}\,\Phi_{64}\,\Phi_{48}\,\Phi_{24}\,\Phi_{16}\,\Phi_{12}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
29436	715	768	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{6}$	$\frac{113}{256}$	$\Phi_{768}^{2}\,\Phi_{256}\,\Phi_{48}^{2}\,\Phi_{24}^{2}\,\Phi_{16}\,\Phi_{12}^{2}\,\Phi_{8}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
29437	715	98	$\frac{1}{14}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{98}^{6}\,\Phi_{49}^{7}\,\Phi_{14}^{12}\,\Phi_{7}^{12}\,\Phi_{2}^{12}\,\Phi_{1}^{13}$
29438	715	448	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{448}^{2}\,\Phi_{224}^{2}\,\Phi_{64}\,\Phi_{56}^{2}\,\Phi_{32}\,\Phi_{28}^{2}\,\Phi_{14}\,\Phi_{8}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
29439	715	252	$\frac{1}{42}$	$\frac{17}{126}$	$\frac{41}{126}$	$\frac{109}{252}$	$\Phi_{252}^{5}\,\Phi_{126}\,\Phi_{84}^{5}\,\Phi_{63}\,\Phi_{36}^{5}\,\Phi_{28}^{5}\,\Phi_{18}\,\Phi_{12}^{5}\,\Phi_{9}\,\Phi_{4}^{5}\,\Phi_{1}$
29440	715	252	$\frac{1}{21}$	$\frac{17}{126}$	$\frac{4}{21}$	$\frac{109}{252}$	$\Phi_{252}^{5}\,\Phi_{84}^{5}\,\Phi_{36}^{5}\,\Phi_{28}^{5}\,\Phi_{21}^{4}\,\Phi_{12}^{5}\,\Phi_{7}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{1}^{5}$
29441	715	252	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{1}{6}$	$\frac{109}{252}$	$\Phi_{252}^{5}\,\Phi_{84}^{5}\,\Phi_{36}^{5}\,\Phi_{28}^{5}\,\Phi_{18}^{5}\,\Phi_{12}^{5}\,\Phi_{9}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
29442	715	882	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{167}{882}$	$\frac{127}{294}$	$\Phi_{882}\,\Phi_{441}\,\Phi_{147}\,\Phi_{126}\,\Phi_{63}\,\Phi_{49}\,\Phi_{18}\,\Phi_{9}\,\Phi_{1}$
29443	715	147	$\frac{4}{147}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{147}^{5}\,\Phi_{49}^{5}\,\Phi_{21}^{5}\,\Phi_{7}^{2}\,\Phi_{3}^{5}\,\Phi_{1}^{3}$
29444	715	672	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{672}^{2}\,\Phi_{224}^{2}\,\Phi_{96}\,\Phi_{56}^{2}\,\Phi_{32}\,\Phi_{28}^{2}\,\Phi_{14}\,\Phi_{8}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
29445	715	1008	$\frac{1}{42}$	$\frac{41}{252}$	$\frac{293}{1008}$	$\frac{211}{504}$	$\Phi_{1008}\,\Phi_{336}\,\Phi_{252}\,\Phi_{144}\,\Phi_{126}\,\Phi_{112}\,\Phi_{84}\,\Phi_{63}\,\Phi_{48}\,\Phi_{36}\,\Phi_{28}\,\Phi_{18}\,\Phi_{16}\,\Phi_{12}\,\Phi_{9}\,\Phi_{4}\,\Phi_{1}$
29446	715	72	$\frac{1}{12}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{72}^{11}\,\Phi_{36}^{11}\,\Phi_{24}^{11}\,\Phi_{18}^{11}\,\Phi_{12}^{5}\,\Phi_{9}^{11}\,\Phi_{8}^{11}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
29447	715	1224	$\frac{1}{51}$	$\frac{103}{612}$	$\frac{50}{153}$	$\frac{509}{1224}$	$\Phi_{1224}\,\Phi_{408}\,\Phi_{153}\,\Phi_{136}\,\Phi_{72}\,\Phi_{24}\,\Phi_{9}\,\Phi_{8}\,\Phi_{1}$
29448	715	153	$\frac{10}{153}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{153}^{5}\,\Phi_{51}^{5}\,\Phi_{17}^{2}\,\Phi_{9}^{5}\,\Phi_{3}^{5}\,\Phi_{1}^{3}$
29449	715	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{132}^{6}\,\Phi_{66}^{6}\,\Phi_{44}^{6}\,\Phi_{33}^{6}\,\Phi_{22}\,\Phi_{12}^{5}\,\Phi_{11}^{5}\,\Phi_{6}^{5}\,\Phi_{4}^{5}\,\Phi_{3}^{5}\,\Phi_{1}^{5}$
29450	715	168	$\frac{1}{21}$	$\frac{25}{168}$	$\frac{4}{21}$	$\frac{17}{42}$	$\Phi_{168}^{5}\,\Phi_{84}^{5}\,\Phi_{56}^{5}\,\Phi_{28}^{5}\,\Phi_{24}^{5}\,\Phi_{21}^{4}\,\Phi_{12}^{5}\,\Phi_{8}^{5}\,\Phi_{7}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{1}^{5}$
29451	715	240	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{23}{120}$	$\frac{97}{240}$	$\Phi_{240}^{5}\,\Phi_{80}^{5}\,\Phi_{48}^{5}\,\Phi_{24}^{5}\,\Phi_{16}^{5}\,\Phi_{12}^{5}\,\Phi_{8}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
29452	715	204	$\frac{1}{51}$	$\frac{10}{51}$	$\frac{61}{204}$	$\frac{41}{102}$	$\Phi_{204}^{5}\,\Phi_{68}^{5}\,\Phi_{51}^{4}\,\Phi_{17}^{4}\,\Phi_{12}^{5}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{1}^{5}$
29453	715	1176	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{127}{588}$	$\frac{461}{1176}$	$\Phi_{1176}\,\Phi_{392}\,\Phi_{168}\,\Phi_{147}\,\Phi_{56}\,\Phi_{49}\,\Phi_{24}\,\Phi_{8}\,\Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
29454	715	198	$\frac{1}{66}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{198}^{3}\ \Phi_{99}^{3}\ \Phi_{66}^{5}\ \Phi_{33}^{5}\ \Phi_{22}^{5}\ \Phi_{18}^{2}\ \Phi_{11}^{5}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
29455	715	784	$\frac{1}{14}$	$\frac{69}{784}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{28}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
29456	715	1152	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{139}{576}$	$\frac{437}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
29457	715	1704	$\frac{1}{71}$	$\frac{1}{4}$	$\frac{70}{213}$	$\frac{3}{8}$	$\Phi_{1704}\ \Phi_{213}\ \Phi_{24}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
29458	715	528	$\frac{1}{66}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{528}^{2}\ \Phi_{176}^{2}\ \Phi_{132}^{2}\ \Phi_{66}\ \Phi_{48}^{2}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
29459	715	568	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{568}^{2}\ \Phi_{71}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
29460	715	168	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^{8}\ \Phi_{84}^{2}\ \Phi_{56}^{6}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{4}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
29461	715	84	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{84}^{13}\ \Phi_{28}^{13}\ \Phi_{14}^{12}\ \Phi_{12}^{13}\ \Phi_{7}^{12}\ \Phi_{4}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
29462	715	216	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{35}{108}$	$\frac{73}{216}$	$\Phi_{216}^{5}\ \Phi_{72}^{5}\ \Phi_{36}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
29463	715	918	$\frac{1}{51}$	$\frac{203}{918}$	$\frac{50}{153}$	$\frac{103}{306}$	$\Phi_{918}\ \Phi_{459}\ \Phi_{153}\ \Phi_{54}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
29464	715	285	$\frac{2}{57}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{285}^{3}\ \Phi_{95}^{3}\ \Phi_{57}\ \Phi_{19}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
29465	715	405	$\frac{1}{27}$	$\frac{2}{15}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{405}^{3}\ \Phi_{81}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
29466	715	342	$\frac{2}{57}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{342}^{3}\ \Phi_{171}^{3}\ \Phi_{57}\ \Phi_{19}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
29467	715	912	$\frac{2}{57}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{152}\ \Phi_{57}\ \Phi_{19}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
29468	715	360	$\frac{1}{18}$	$\frac{2}{15}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{3}\ \Phi_{72}\ \Phi_{60}^{3}\ \Phi_{40}^{3}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}^{3}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
29469	715	84	$\frac{1}{12}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{84}^{8}\ \Phi_{42}^{8}\ \Phi_{28}^{8}\ \Phi_{21}^{9}\ \Phi_{14}^{8}\ \Phi_{12}^{10}\ \Phi_{7}^{9}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
29470	715	72	$\frac{1}{12}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{72}^{11}\ \Phi_{36}^{8}\ \Phi_{24}^{11}\ \Phi_{18}^{8}\ \Phi_{12}^{10}\ \Phi_{9}^{9}\ \Phi_{8}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
29471	715	135	$\frac{2}{27}$	$\frac{2}{15}$	$\frac{5}{27}$	$\frac{1}{3}$	$\Phi_{135}^{6}\ \Phi_{45}^{6}\ \Phi_{27}^{2}\ \Phi_{15}^{7}\ \Phi_{9}^{2}\ \Phi_{5}^{7}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
29472	715	60	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{60}^{15}\ \Phi_{30}^{12}\ \Phi_{20}^{15}\ \Phi_{15}^{13}\ \Phi_{12}^{5}\ \Phi_{10}^{12}\ \Phi_{6}^{4}\ \Phi_{5}^{13}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
29473	715	315	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{315}^{3}\ \Phi_{105}^{3}\ \Phi_{63}\ \Phi_{35}^{3}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
29474	715	480	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{31}{96}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}^{2}\ \Phi_{120}\ \Phi_{96}^{2}\ \Phi_{80}^{2}\ \Phi_{60}\ \Phi_{48}^{2}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
29475	715	162	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{26}{81}$	$\Phi_{162}^{6}\ \Phi_{81}^{7}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
29476	715	1296	$\frac{1}{27}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{26}{81}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{81}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
29477	715	210	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{67}{210}$	$\Phi_{210}^{5}\ \Phi_{105}^{5}\ \Phi_{42}^{5}\ \Phi_{30}^{5}\ \Phi_{21}^{5}\ \Phi_{15}^{5}\ \Phi_{7}^{2}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{3}$
29478	715	51	$\frac{1}{17}$	$\frac{7}{51}$	$\frac{4}{17}$	$\frac{16}{51}$	$\Phi_{51}^{13}\ \Phi_{17}^{16}\ \Phi_{3}^{13}\ \Phi_{1}^{17}$
29479	715	48	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{5}{16}$	$\Phi_{48}^{18}\ \Phi_{24}^{18}\ \Phi_{16}^{9}\ \Phi_{12}^{18}\ \Phi_{8}^{9}\ \Phi_{6}^{17}\ \Phi_{4}^{9}\ \Phi_{3}^{17}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
29480	715	864	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{149}{864}$	$\frac{67}{216}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
29481	715	204	$\frac{7}{68}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{61}{204}$	$\Phi_{204}^{5}\ \Phi_{102}^{5}\ \Phi_{51}^{5}\ \Phi_{17}^{2}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{3}$
29482	715	162	$\frac{1}{9}$	$\frac{19}{162}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{162}^{5}\ \Phi_{81}^{5}\ \Phi_{54}^{2}\ \Phi_{27}^{3}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
29483	715	504	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{126}^{2}\ \Phi_{72}\ \Phi_{63}^{2}\ \Phi_{56}^{2}\ \Phi_{36}\ \Phi_{28}^{2}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
29484	715	1008	$\frac{1}{14}$	$\frac{43}{336}$	$\frac{13}{56}$	$\frac{293}{1008}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
29485	715	1008	$\frac{5}{48}$	$\frac{43}{336}$	$\frac{1}{6}$	$\frac{293}{1008}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
29486	715	14	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{14}^{50}\ \Phi_{7}^{52}\ \Phi_{2}^{50}\ \Phi_{1}^{53}$
29487	715	175	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{32}{175}$	$\frac{2}{7}$	$\Phi_{175}^{5}\ \Phi_{25}^{5}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
29488	715	168	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{168}$	$\frac{2}{7}$	$\Phi_{168}^{5}\ \Phi_{84}^{5}\ \Phi_{56}^{5}\ \Phi_{42}^{5}\ \Phi_{24}^{5}\ \Phi_{21}^{5}\ \Phi_{12}^{5}\ \Phi_{8}^{5}\ \Phi_{7}^{2}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
29489	715	756	$\frac{41}{756}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
29490	715	72	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{17}{72}$	$\frac{5}{18}$	$\Phi_{72}^{13}\ \Phi_{36}^{13}\ \Phi_{24}^{13}\ \Phi_{18}\ \Phi_{12}^{13}\ \Phi_9\ \Phi_8^{13}\ \Phi_4^{13}\ \Phi_1$
29491	715	54	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{5}{27}$	$\frac{5}{18}$	$\Phi_{54}^{12}\ \Phi_{27}^{14}\ \Phi_{18}^{13}\ \Phi_9^{15}\ \Phi_6^{12}\ \Phi_3^{14}\ \Phi_2^{12}\ \Phi_1^{15}$
29492	715	36	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{36}^{30}\ \Phi_{18}^{25}\ \Phi_{12}^{5}\ \Phi_9^{25}\ \Phi_6^{4}\ \Phi_4^{5}\ \Phi_3^{4}\ \Phi_2^{4}\ \Phi_1^{5}$
29493	715	126	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{126}^{6}\ \Phi_{63}^{7}\ \Phi_{42}^{6}\ \Phi_{21}^{7}\ \Phi_{18}\ \Phi_{14}^{6}\ \Phi_9\ \Phi_7^{7}\ \Phi_1$
29494	715	189	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{46}{189}$	$\frac{17}{63}$	$\Phi_{189}^{5}\ \Phi_{27}^{5}\ \Phi_{21}^{4}\ \Phi_7^{4}\ \Phi_3^{4}\ \Phi_1^{5}$
29495	715	1020	$\frac{3}{68}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{15}\ \Phi_3\ \Phi_1$
29496	715	240	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{240}^{4}\ \Phi_{120}^{4}\ \Phi_{60}^{4}\ \Phi_{48}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{16}^{4}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_8^{4}\ \Phi_6^{4}\ \Phi_4^{4}\ \Phi_3^{5}\ \Phi_2^{4}\ \Phi_1^{5}$
29497	715	210	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{210}^{3}\ \Phi_{105}^{3}\ \Phi_{70}^{4}\ \Phi_{42}^{5}\ \Phi_{35}^{4}\ \Phi_{30}\ \Phi_{21}^{5}\ \Phi_{15}^{2}\ \Phi_{14}^{5}\ \Phi_{10}^{2}\ \Phi_7^{5}\ \Phi_6^{2}\ \Phi_5^{2}\ \Phi_3^{3}\ \Phi_2^{2}\ \Phi_1^{3}$
29498	715	360	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{120}\ \Phi_{90}^{2}\ \Phi_{72}^{3}\ \Phi_{60}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{3}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_9^{3}\ \Phi_8^{2}\ \Phi_6^{2}\ \Phi_5^{2}\ \Phi_4^{2}\ \Phi_3^{3}\ \Phi_2^{2}\ \Phi_1^{3}$
29499	715	168	$\frac{1}{14}$	$\frac{25}{168}$	$\frac{13}{56}$	$\frac{43}{168}$	$\Phi_{168}^{4}\ \Phi_{84}^{4}\ \Phi_{56}^{5}\ \Phi_{42}^{4}\ \Phi_{28}^{5}\ \Phi_{24}^{4}\ \Phi_{21}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_8^{5}\ \Phi_7^{4}\ \Phi_6^{4}\ \Phi_4^{5}\ \Phi_3^{4}\ \Phi_2^{4}\ \Phi_1^{5}$
29500	715	192	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{15}{64}$	$\frac{49}{192}$	$\Phi_{192}^{3}\ \Phi_{96}^{3}\ \Phi_{64}^{4}\ \Phi_{48}^{5}\ \Phi_{32}^{4}\ \Phi_{24}^{5}\ \Phi_{16}^{5}\ \Phi_{12}^{5}\ \Phi_8^{5}\ \Phi_6^{4}\ \Phi_4^{5}\ \Phi_3^{4}\ \Phi_2^{4}\ \Phi_1^{5}$
29501	715	144	$\frac{1}{18}$	$\frac{3}{16}$	$\frac{17}{72}$	$\frac{1}{4}$	$\Phi_{144}^{6}\ \Phi_{72}^{3}\ \Phi_{48}^{6}\ \Phi_{36}^{5}\ \Phi_{24}^{3}\ \Phi_{18}^{4}\ \Phi_{16}^{7}\ \Phi_{12}^{5}\ \Phi_9^{4}\ \Phi_8^{4}\ \Phi_6^{4}\ \Phi_4^{5}\ \Phi_3^{4}\ \Phi_2^{4}\ \Phi_1^{5}$
29502	715	432	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{432}^{2}\ \Phi_{216}^{2}\ \Phi_{144}^{2}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{27}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{3}\ \Phi_9^{2}\ \Phi_8^{3}\ \Phi_3^{2}\ \Phi_1^{3}$
29503	715	48	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{48}^{18}\ \Phi_{24}^{18}\ \Phi_{16}^{19}\ \Phi_{12}^{5}\ \Phi_8^{19}\ \Phi_6^{4}\ \Phi_4^{5}\ \Phi_3^{4}\ \Phi_2^{4}\ \Phi_1^{5}$
29504	715	1008	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{63}\ \Phi_{56}\ \Phi_{21}\ \Phi_{16}\ \Phi_8\ \Phi_7\ \Phi_1$
29505	715	480	$\frac{17}{160}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{480}^{2}\ \Phi_{240}^{2}\ \Phi_{160}\ \Phi_{120}^{2}\ \Phi_{96}^{2}\ \Phi_{80}\ \Phi_{48}^{2}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
29506	715	168	$\frac{3}{28}$	$\frac{25}{168}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{168}^{5}\ \Phi_{84}^{3}\ \Phi_{56}^{5}\ \Phi_{42}^{3}\ \Phi_{28}^{4}\ \Phi_{24}^{5}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{12}^{5}\ \Phi_8^{5}\ \Phi_7^{4}\ \Phi_6^{4}\ \Phi_4^{5}\ \Phi_3^{4}\ \Phi_2^{4}\ \Phi_1^{5}$
29507	715	896	$\frac{1}{14}$	$\frac{43}{224}$	$\frac{181}{896}$	$\frac{13}{56}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{128}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
29508	715	84	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{19}{84}$	$\Phi_{84}^{11}\ \Phi_{42}^{4}\ \Phi_{28}^{11}\ \Phi_{21}^{7}\ \Phi_{14}^{6}\ \Phi_{12}^{11}\ \Phi_7^{8}\ \Phi_6^{4}\ \Phi_4^{11}\ \Phi_3^{7}\ \Phi_2^{6}\ \Phi_1^{9}$
29509	715	170	$\frac{2}{17}$	$\frac{27}{170}$	$\frac{3}{17}$	$\frac{7}{34}$	$\Phi_{170}^{5}\ \Phi_{85}^{5}\ \Phi_{17}^{2}\ \Phi_{10}^{5}\ \Phi_5^{5}\ \Phi_1^{3}$
29510	715	180	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{45}$	$\frac{37}{180}$	$\Phi_{180}^{5}\ \Phi_{90}^{2}\ \Phi_{60}^{5}\ \Phi_{45}^{3}\ \Phi_{36}^{5}\ \Phi_{30}^{2}\ \Phi_{20}^{5}\ \Phi_{18}^{5}\ \Phi_{15}^{3}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_9^{5}\ \Phi_6^{4}\ \Phi_5^{3}\ \Phi_4^{5}\ \Phi_3^{4}\ \Phi_2^{4}\ \Phi_1^{5}$
29511	716	1068	$\frac{1}{178}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{177}{356}$	$\Phi_{1068}\ \Phi_{356}^{2}\ \Phi_{12}\ \Phi_4^{2}\ \Phi_3\ \Phi_1^{2}$
29512	716	286	$\frac{1}{143}$	$\frac{36}{143}$	$\frac{107}{286}$	$\frac{71}{143}$	$\Phi_{286}^{4}\ \Phi_{143}\ \Phi_{26}^{4}\ \Phi_{22}^{4}\ \Phi_{13}\ \Phi_{11}\ \Phi_2^{4}\ \Phi_1^{2}$
29513	716	355	$\frac{3}{355}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{176}{355}$	$\Phi_{355}^{2}\ \Phi_{71}^{2}\ \Phi_5^{3}\ \Phi_1^{4}$
29514	716	1770	$\frac{2}{177}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{175}{354}$	$\Phi_{1770}\ \Phi_{590}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
29515	716	325	$\frac{1}{65}$	$\frac{33}{325}$	$\frac{146}{325}$	$\frac{32}{65}$	$\Phi_{325}^{2}\ \Phi_{65}^{3}\ \Phi_{25}^{2}\ \Phi_{13}^{3}\ \Phi_5^{3}\ \Phi_1^{4}$
29516	716	705	$\frac{11}{705}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{347}{705}$	$\Phi_{705}\ \Phi_{235}\ \Phi_{141}\ \Phi_{47}\ \Phi_{15}^{2}\ \Phi_5\ \Phi_3^{2}\ \Phi_1^{2}$
29517	716	240	$\frac{1}{60}$	$\frac{1}{5}$	$\frac{61}{240}$	$\frac{59}{120}$	$\Phi_{240}^{4}\ \Phi_{80}^{4}\ \Phi_{60}^{4}\ \Phi_{48}^{4}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_6^{4}\ \Phi_5^{3}\ \Phi_4^{4}\ \Phi_3^{4}\ \Phi_2^{4}\ \Phi_1^{4}$
29518	716	352	$\frac{3}{176}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{173}{352}$	$\Phi_{352}^{4}\ \Phi_{32}^{4}\ \Phi_{11}\ \Phi_1^{2}$
29519	716	1760	$\frac{3}{176}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{173}{352}$	$\Phi_{1760}\ \Phi_{160}\ \Phi_{20}\ \Phi_{10}$
29520	716	330	$\frac{1}{55}$	$\frac{14}{165}$	$\frac{151}{330}$	$\frac{27}{55}$	$\Phi_{330}^{4}\ \Phi_{110}^{4}\ \Phi_{66}^{4}\ \Phi_{55}\ \Phi_{30}^{4}\ \Phi_{22}^{4}\ \Phi_{11}\ \Phi_{10}^{4}\ \Phi_6^{4}\ \Phi_5\ \Phi_2^{4}\ \Phi_1^{2}$
29521	716	495	$\frac{1}{55}$	$\frac{28}{165}$	$\frac{137}{495}$	$\frac{27}{55}$	$\Phi_{495}^{2}\ \Phi_{99}^{2}\ \Phi_{55}\ \Phi_{45}^{2}\ \Phi_{11}\ \Phi_9^{2}\ \Phi_5\ \Phi_1^{2}$
29522	716	220	$\frac{1}{55}$	$\frac{41}{220}$	$\frac{14}{55}$	$\frac{27}{55}$	$\Phi_{220}^{4}\ \Phi_{110}^{4}\ \Phi_{55}\ \Phi_{44}^{4}\ \Phi_{22}^{4}\ \Phi_{20}^{4}\ \Phi_{11}\ \Phi_{10}^{4}\ \Phi_5\ \Phi_4^{4}\ \Phi_2^{4}\ \Phi_1^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
29523	716	351	$\frac{7}{351}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{172}{351}$	$\Phi_{351}^2\ \Phi_{117}^2\ \Phi_{39}^2\ \Phi_{27}^2\ \Phi_{13}^3\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
29524	716	350	$\frac{4}{175}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{171}{350}$	$\Phi_{350}^4\ \Phi_{70}^4\ \Phi_{50}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
29525	716	1080	$\frac{1}{36}$	$\frac{37}{216}$	$\frac{1}{5}$	$\frac{35}{72}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
29526	716	1740	$\frac{5}{174}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{169}{348}$	$\Phi_{1740}\ \Phi_{580}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
29527	716	693	$\frac{23}{693}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{335}{693}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{11}\ \Phi_9\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
29528	716	345	$\frac{13}{345}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{166}{345}$	$\Phi_{345}^2\ \Phi_{115}^2\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
29529	716	242	$\frac{5}{121}$	$\frac{1}{11}$	$\frac{63}{242}$	$\frac{58}{121}$	$\Phi_{242}^4\ \Phi_{121}^2\ \Phi_{22}^4\ \Phi_{11}\ \Phi_2^4\ \Phi_1^2$
29530	716	195	$\frac{3}{65}$	$\frac{16}{195}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{195}^4\ \Phi_{65}^3\ \Phi_{39}^4\ \Phi_{15}^4\ \Phi_{13}^3\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
29531	716	1710	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{163}{342}$	$\Phi_{1710}\ \Phi_{570}\ \Phi_{190}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
29532	716	200	$\frac{1}{20}$	$\frac{21}{200}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{200}^4\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
29533	716	340	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{161}{340}$	$\Phi_{340}^4\ \Phi_{68}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
29534	716	338	$\frac{10}{169}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{159}{338}$	$\Phi_{338}^4\ \Phi_{26}^4\ \Phi_{13}^3\ \Phi_2^4\ \Phi_1^4$
29535	716	675	$\frac{41}{675}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{317}{675}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
29536	716	1680	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{157}{336}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{240}\ \Phi_{80}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
29537	716	234	$\frac{7}{117}$	$\frac{1}{13}$	$\frac{55}{234}$	$\frac{6}{13}$	$\Phi_{234}^4\ \Phi_{117}^2\ \Phi_{78}^4\ \Phi_{39}^2\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}^3\ \Phi_9^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
29538	716	195	$\frac{1}{13}$	$\frac{16}{195}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{195}^4\ \Phi_{65}^4\ \Phi_{39}^2\ \Phi_{15}^4\ \Phi_{13}^3\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
29539	716	960	$\frac{13}{192}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{80}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
29540	716	330	$\frac{3}{55}$	$\frac{14}{165}$	$\frac{13}{55}$	$\frac{151}{330}$	$\Phi_{330}^4\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{55}\ \Phi_{30}^4\ \Phi_{22}^4\ \Phi_{11}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5\ \Phi_2^4\ \Phi_1^2$
29541	716	330	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{1}{5}$	$\frac{151}{330}$	$\Phi_{330}^4\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{30}^4\ \Phi_{22}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
29542	716	330	$\frac{14}{165}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{151}{330}$	$\Phi_{330}^4\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{33}^2\ \Phi_{30}^4\ \Phi_{22}^4\ \Phi_{11}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^2$
29543	716	264	$\frac{3}{88}$	$\frac{1}{11}$	$\frac{85}{264}$	$\frac{5}{11}$	$\Phi_{264}^4\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_{11}\ \Phi_6^4\ \Phi_3^4\ \Phi_1^2$
29544	716	187	$\frac{8}{187}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{187}^4\ \Phi_{17}^4\ \Phi_{11}\ \Phi_1^2$
29545	716	220	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{41}{220}$	$\frac{5}{11}$	$\Phi_{220}^4\ \Phi_{110}^4\ \Phi_{55}^4\ \Phi_{20}^4\ \Phi_{11}\ \Phi_{10}^4\ \Phi_5^4\ \Phi_1^2$
29546	716	198	$\frac{1}{11}$	$\frac{19}{198}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{198}^4\ \Phi_{99}^4\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_{18}^4\ \Phi_{11}\ \Phi_9^4\ \Phi_6^4\ \Phi_3^4\ \Phi_1^2$
29547	716	1620	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{1}{5}$	$\frac{145}{324}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
29548	716	208	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{29}{208}$	$\frac{23}{52}$	$\Phi_{208}^4\ \Phi_{104}^4\ \Phi_{26}^4\ \Phi_{16}^4\ \Phi_{13}^3\ \Phi_8^4\ \Phi_2^4\ \Phi_1^4$
29549	716	320	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{1}{5}$	$\frac{141}{320}$	$\Phi_{320}^4\ \Phi_{64}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
29550	716	637	$\frac{1}{13}$	$\frac{79}{637}$	$\frac{12}{91}$	$\frac{279}{637}$	$\Phi_{637}\ \Phi_{91}^2\ \Phi_{49}\ \Phi_{13}\ \Phi_7^2\ \Phi_1^2$
29551	716	315	$\frac{2}{45}$	$\frac{43}{315}$	$\frac{1}{5}$	$\frac{136}{315}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^4\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^4\ \Phi_9^4\ \Phi_7^2\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
29552	716	312	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{156}$	$\frac{133}{312}$	$\Phi_{312}^4\ \Phi_{104}^4\ \Phi_{26}^4\ \Phi_{24}^4\ \Phi_{13}^3\ \Phi_8^4\ \Phi_2^4\ \Phi_1^4$
29553	716	198	$\frac{1}{11}$	$\frac{19}{198}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{198}^4\ \Phi_{99}^4\ \Phi_{66}^4\ \Phi_{33}^2\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{11}\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^2$
29554	716	605	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{111}{605}$	$\frac{247}{605}$	$\Phi_{605}\ \Phi_{121}^2\ \Phi_{55}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
29555	716	300	$\frac{1}{30}$	$\frac{29}{150}$	$\frac{1}{5}$	$\frac{121}{300}$	$\Phi_{300}^4\ \Phi_{100}^4\ \Phi_{60}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
29556	716	585	$\frac{1}{65}$	$\frac{131}{585}$	$\frac{64}{195}$	$\frac{227}{585}$	$\Phi_{585}\ \Phi_{195}^2\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_9\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
29557	716	1440	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{35}{144}$	$\frac{109}{288}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{180}\ \Phi_{160}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
29558	716	260	$\frac{1}{65}$	$\frac{16}{65}$	$\frac{81}{260}$	$\frac{49}{130}$	$\Phi_{260}^4\ \Phi_{65}^3\ \Phi_{52}^4\ \Phi_{20}^4\ \Phi_{13}^3\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
29559	716	920	$\frac{5}{184}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{115}\ \Phi_{20}\ \Phi_{10}$
29560	716	273	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{85}{273}$	$\frac{94}{273}$	$\Phi_{273}^2\ \Phi_{91}^4\ \Phi_{39}^2\ \Phi_{21}^2\ \Phi_{13}^3\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
29561	716	270	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{44}{135}$	$\frac{91}{270}$	$\Phi_{270}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
29562	716	267	$\frac{1}{89}$	$\frac{88}{267}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{267}^3\ \Phi_{89}^2\ \Phi_3^4\ \Phi_1^4$
29563	716	1320	$\frac{3}{88}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{85}{264}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
29564	716	1080	$\frac{1}{18}$	$\frac{37}{216}$	$\frac{1}{5}$	$\frac{17}{54}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
29565	716	405	$\frac{4}{45}$	$\frac{47}{405}$	$\frac{1}{5}$	$\frac{41}{135}$	$\Phi_{405}^2\ \Phi_{135}\ \Phi_{81}^2\ \Phi_{45}^2\ \Phi_{27}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
29566	716	198	$\frac{1}{11}$	$\frac{19}{198}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{198}^4\ \Phi_{99}^3\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{11}^3\ \Phi_9^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
29567	716	231	$\frac{1}{11}$	$\frac{23}{231}$	$\frac{52}{231}$	$\frac{10}{33}$	$\Phi_{231}^3\ \Phi_{77}^3\ \Phi_{33}^4\ \Phi_{21}^3\ \Phi_{11}^3\ \Phi_7^3\ \Phi_3^4\ \Phi_1^4$
29568	716	234	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{55}{234}$	$\frac{23}{78}$	$\Phi_{234}^4\ \Phi_{117}^4\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}^3\ \Phi_9^4\ \Phi_2^4\ \Phi_1^4$
29569	716	1260	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{5}$	$\frac{73}{252}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
29570	716	495	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{28}{165}$	$\frac{137}{495}$	$\Phi_{495}^2\ \Phi_{99}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
29571	716	220	$\frac{3}{55}$	$\frac{41}{220}$	$\frac{13}{55}$	$\frac{14}{55}$	$\Phi_{220}^4\ \Phi_{110}^4\ \Phi_{55}\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{20}^4\ \Phi_{11}\ \Phi_{10}^4\ \Phi_5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
29572	716	240	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{19}{80}$	$\frac{61}{240}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
29573	716	960	$\frac{13}{192}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
29574	716	220	$\frac{3}{44}$	$\frac{41}{220}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{220}^3\ \Phi_{110}^3\ \Phi_{55}^3\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{20}^4\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
29575	716	225	$\frac{4}{45}$	$\frac{41}{225}$	$\frac{1}{5}$	$\frac{46}{225}$	$\Phi_{225}^3\ \Phi_{75}^3\ \Phi_{45}^4\ \Phi_{25}^3\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
29576	716	200	$\frac{21}{200}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{200}^4\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
29577	716	210	$\frac{4}{35}$	$\frac{31}{210}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
29578	717	1424	$\frac{5}{712}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{707}{1424}$	$\Phi_{1424}\ \Phi_{16}\ \Phi_8\ \Phi_1$
29579	717	948	$\frac{2}{237}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{235}{474}$	$\Phi_{948}\ \Phi_{316}\ \Phi_{237}\ \Phi_{79}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
29580	717	320	$\frac{1}{80}$	$\frac{1}{4}$	$\frac{81}{320}$	$\frac{79}{160}$	$\Phi_{320}^3\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
29581	717	472	$\frac{3}{236}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{233}{472}$	$\Phi_{472}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
29582	717	940	$\frac{4}{235}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{231}{470}$	$\Phi_{940}\ \Phi_{235}\ \Phi_{188}\ \Phi_{47}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
29583	717	1408	$\frac{13}{704}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{691}{1408}$	$\Phi_{1408}\ \Phi_{128}\ \Phi_{16}\ \Phi_8\ \Phi_1$
29584	717	288	$\frac{1}{48}$	$\frac{49}{288}$	$\frac{1}{4}$	$\frac{47}{96}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
29585	717	468	$\frac{5}{234}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{229}{468}$	$\Phi_{468}\ \Phi_{234}^2\ \Phi_{156}\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{36}\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
29586	717	1400	$\frac{17}{700}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{683}{1400}$	$\Phi_{1400}\ \Phi_{280}\ \Phi_{200}\ \Phi_{56}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
29587	717	464	$\frac{7}{232}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{225}{464}$	$\Phi_{464}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
29588	717	800	$\frac{3}{80}$	$\frac{83}{800}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
29589	717	460	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{221}{460}$	$\Phi_{460}\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{92}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
29590	717	456	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{217}{456}$	$\Phi_{456}^3\ \Phi_{152}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
29591	717	1360	$\frac{37}{680}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{643}{1360}$	$\Phi_{1360}\ \Phi_{272}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
29592	717	900	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{211}{450}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
29593	717	256	$\frac{1}{16}$	$\frac{17}{256}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{256}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
29594	717	448	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{1}{4}$	$\frac{209}{448}$	$\Phi_{448}^3\ \Phi_{64}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
29595	717	440	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{1}{4}$	$\frac{201}{440}$	$\Phi_{440}^3\ \Phi_{88}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
29596	717	432	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{1}{4}$	$\frac{193}{432}$	$\Phi_{432}^3\ \Phi_{144}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
29597	717	1280	$\frac{3}{80}$	$\frac{77}{640}$	$\frac{1}{4}$	$\frac{563}{1280}$	$\Phi_{1280}\ \Phi_{256}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
29598	717	420	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{1}{4}$	$\frac{181}{420}$	$\Phi_{420}\ \Phi_{210}^2\ \Phi_{140}\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
29599	717	736	$\frac{19}{736}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{736}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
29600	717	400	$\frac{1}{40}$	$\frac{39}{200}$	$\frac{1}{4}$	$\frac{161}{400}$	$\Phi_{400}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_{8}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
29601	717	384	$\frac{1}{48}$	$\frac{47}{192}$	$\frac{1}{4}$	$\frac{145}{384}$	$\Phi_{384}^3\ \Phi_{128}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
29602	717	360	$\frac{1}{60}$	$\frac{1}{4}$	$\frac{59}{180}$	$\frac{121}{360}$	$\Phi_{360}^3\ \Phi_{120}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
29603	717	352	$\frac{13}{352}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{113}{352}$	$\Phi_{352}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{32}^2\ \Phi_{22}^2\ \Phi_{16}^3\ \Phi_{11}^2\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
29604	717	288	$\frac{1}{24}$	$\frac{49}{288}$	$\frac{1}{4}$	$\frac{23}{72}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
29605	717	540	$\frac{1}{15}$	$\frac{31}{270}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{540}^2\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
29606	717	336	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1}{4}$	$\frac{97}{336}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{84}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
29607	717	252	$\frac{13}{252}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{36}\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{9}^2\ \Phi_{7}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
29608	717	320	$\frac{3}{80}$	$\frac{77}{320}$	$\frac{1}{4}$	$\frac{81}{320}$	$\Phi_{320}^2\ \Phi_{160}^2\ \Phi_{80}^3\ \Phi_{64}^2\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_{8}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
29609	717	312	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{73}{312}$	$\frac{1}{4}$	$\Phi_{312}^3\ \Phi_{156}\ \Phi_{104}^3\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
29610	717	300	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{61}{300}$	$\frac{1}{4}$	$\Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^2\ \Phi_{30}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
29611	717	256	$\frac{17}{256}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{256}^3\ \Phi_{128}^3\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{16}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
29612	717	880	$\frac{13}{176}$	$\frac{163}{880}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
29613	717	800	$\frac{83}{800}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
29614	717	280	$\frac{17}{140}$	$\frac{41}{280}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{280}^3\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
29615	718	714	$\frac{2}{357}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{355}{714}$	$\Phi_{714}^2\ \Phi_{238}^2\ \Phi_{102}^2\ \Phi_{42}^2\ \Phi_{34}^2\ \Phi_{14}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
29616	718	480	$\frac{1}{120}$	$\frac{121}{480}$	$\frac{1}{3}$	$\frac{119}{240}$	$\Phi_{480}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
29617	718	2136	$\frac{3}{356}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{353}{712}$	$\Phi_{2136}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
29618	718	711	$\frac{7}{711}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{352}{711}$	$\Phi_{711}\ \Phi_{237}\ \Phi_{79}\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
29619	718	2130	$\frac{4}{355}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{351}{710}$	$\Phi_{2130}\ \Phi_{426}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
29620	718	432	$\frac{1}{72}$	$\frac{73}{432}$	$\frac{1}{3}$	$\frac{71}{144}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
29621	718	708	$\frac{5}{354}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{349}{708}$	$\Phi_{708}^2\ \Phi_{236}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
29622	718	705	$\frac{13}{705}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{346}{705}$	$\Phi_{705}\ \Phi_{235}\ \Phi_{141}\ \Phi_{47}\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
29623	718	2112	$\frac{7}{352}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{345}{704}$	$\Phi_{2112}\ \Phi_{192}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
29624	718	702	$\frac{8}{351}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{343}{702}$	$\Phi_{702}^2\ \Phi_{234}^2\ \Phi_{78}^2\ \Phi_{54}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
29625	718	1200	$\frac{1}{40}$	$\frac{41}{400}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
29626	718	2100	$\frac{9}{350}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{341}{700}$	$\Phi_{2100}\ \Phi_{420}\ \Phi_{300}\ \Phi_{84}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
29627	718	696	$\frac{11}{348}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{337}{696}$	$\Phi_{696}^2\ \Phi_{232}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
29628	718	690	$\frac{14}{345}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{331}{690}$	$\Phi_{690}^2\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{46}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
29629	718	384	$\frac{1}{24}$	$\frac{25}{384}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
29630	718	684	$\frac{17}{342}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{325}{684}$	$\Phi_{684}^2\ \Phi_{228}^2\ \Phi_{76}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
29631	718	2040	$\frac{1}{20}$	$\frac{19}{340}$	$\frac{1}{3}$	$\frac{321}{680}$	$\Phi_{2040}\ \Phi_{408}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
29632	718	675	$\frac{2}{45}$	$\frac{43}{675}$	$\frac{1}{3}$	$\frac{316}{675}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
29633	718	672	$\frac{1}{24}$	$\frac{23}{336}$	$\frac{1}{3}$	$\frac{313}{672}$	$\Phi_{672}^2\ \Phi_{224}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
29634	718	660	$\frac{1}{30}$	$\frac{29}{330}$	$\frac{1}{3}$	$\frac{301}{660}$	$\Phi_{660}^2\ \Phi_{220}^2\ \Phi_{132}^2\ \Phi_{60}^2\ \Phi_{44}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
29635	718	648	$\frac{1}{36}$	$\frac{35}{324}$	$\frac{1}{3}$	$\frac{289}{648}$	$\Phi_{648}^2\ \Phi_{216}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
29636	718	1920	$\frac{1}{40}$	$\frac{39}{320}$	$\frac{1}{3}$	$\frac{281}{640}$	$\Phi_{1920}\ \Phi_{384}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
29637	718	1104	$\frac{9}{368}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
29638	718	630	$\frac{1}{45}$	$\frac{44}{315}$	$\frac{1}{3}$	$\frac{271}{630}$	$\Phi_{630}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
29639	718	600	$\frac{1}{60}$	$\frac{59}{300}$	$\frac{1}{3}$	$\frac{241}{600}$	$\Phi_{600}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
29640	718	576	$\frac{1}{72}$	$\frac{71}{288}$	$\frac{1}{3}$	$\frac{217}{576}$	$\Phi_{576}^2\ \Phi_{192}^2\ \Phi_{72}^2\ \Phi_{64}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
29641	718	540	$\frac{1}{90}$	$\frac{89}{270}$	$\frac{1}{3}$	$\frac{181}{540}$	$\Phi_{540}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
29642	718	408	$\frac{2}{51}$	$\frac{49}{408}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
29643	718	378	$\frac{19}{378}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
29644	718	432	$\frac{1}{36}$	$\frac{73}{432}$	$\frac{35}{108}$	$\frac{1}{3}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
29645	718	528	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{169}{528}$	$\frac{1}{3}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
29646	718	405	$\frac{2}{45}$	$\frac{46}{405}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{405}^2\ \Phi_{135}\ \Phi_{81}^2\ \Phi_{45}^2\ \Phi_{27}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
29647	718	378	$\frac{19}{378}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
29648	718	504	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{145}{504}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
29649	718	480	$\frac{1}{40}$	$\frac{39}{160}$	$\frac{121}{480}$	$\frac{1}{3}$	$\Phi_{480}\ \Phi_{240}\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
29650	718	468	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{109}{468}$	$\frac{1}{3}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
29651	718	384	$\frac{25}{384}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
29652	718	450	$\frac{2}{45}$	$\frac{43}{225}$	$\frac{91}{450}$	$\frac{1}{3}$	$\Phi_{450}^2\ \Phi_{225}\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
29653	718	1320	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{81}{440}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
29654	718	1200	$\frac{1}{10}$	$\frac{41}{400}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
29655	718	420	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{420}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
29656	720	537	$\frac{1}{179}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{89}{179}$	$\Phi_{537}\ \Phi_{179}^2\ \Phi_3^2\ \Phi_1^4$
29657	720	719	$\frac{5}{719}$	$\frac{181}{719}$	$\frac{269}{719}$	$\frac{357}{719}$	$\Phi_{719}\ \Phi_1^2$
29658	720	1144	$\frac{1}{143}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{71}{143}$	$\Phi_{1144}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}\ \Phi_{13}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
29659	720	1083	$\frac{3}{361}$	$\frac{91}{361}$	$\frac{1}{3}$	$\frac{179}{361}$	$\Phi_{1083}\ \Phi_{57}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
29660	720	595	$\frac{1}{119}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{59}{119}$	$\Phi_{595}\ \Phi_{119}^2\ \Phi_{85}\ \Phi_{35}\ \Phi_{17}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
29661	720	1428	$\frac{1}{119}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{59}{119}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{204}\ \Phi_{102}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_6^2$
29662	720	719	$\frac{7}{719}$	$\frac{121}{719}$	$\frac{299}{719}$	$\frac{356}{719}$	$\Phi_{719}\ \Phi_1^2$
29663	720	623	$\frac{1}{89}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{44}{89}$	$\Phi_{623}\ \Phi_{89}^2\ \Phi_7^2\ \Phi_1^4$
29664	720	1335	$\frac{1}{89}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{44}{89}$	$\Phi_{1335}\ \Phi_{15}^2$
29665	720	964	$\frac{3}{241}$	$\frac{1}{4}$	$\frac{61}{241}$	$\frac{119}{241}$	$\Phi_{964}\ \Phi_{482}$
29666	720	719	$\frac{9}{719}$	$\frac{91}{719}$	$\frac{314}{719}$	$\frac{355}{719}$	$\Phi_{719}\ \Phi_1^2$
29667	720	719	$\frac{9}{719}$	$\frac{179}{719}$	$\frac{182}{719}$	$\frac{355}{719}$	$\Phi_{719}\ \Phi_1^2$
29668	720	1264	$\frac{1}{79}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{39}{79}$	$\Phi_{1264}\ \Phi_{79}\ \Phi_{16}^2\ \Phi_1^2$
29669	720	316	$\frac{1}{79}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{39}{79}$	$\Phi_{316}^2\ \Phi_{158}^2\ \Phi_{79}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
29670	720	1083	$\frac{5}{361}$	$\frac{61}{361}$	$\frac{1}{3}$	$\frac{178}{361}$	$\Phi_{1083}\ \Phi_{57}$
29671	720	639	$\frac{1}{71}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{35}{71}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
29672	720	426	$\frac{1}{71}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{35}{71}$	$\Phi_{426}^2\ \Phi_{213}\ \Phi_{142}^2\ \Phi_{71}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
29673	720	719	$\frac{11}{719}$	$\frac{73}{719}$	$\frac{323}{719}$	$\frac{354}{719}$	$\Phi_{719}\ \Phi_1^2$
29674	720	905	$\frac{3}{181}$	$\frac{1}{5}$	$\frac{46}{181}$	$\frac{89}{181}$	Φ_{905}
29675	720	649	$\frac{1}{59}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{29}{59}$	$\Phi_{649}\ \Phi_{59}^2\ \Phi_{11}^2\ \Phi_1^4$
29676	720	1239	$\frac{1}{59}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{29}{59}$	$\Phi_{1239}\ \Phi_{21}^2$
29677	720	649	$\frac{1}{59}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{29}{59}$	$\Phi_{649}\ \Phi_{59}^2\ \Phi_{11}^2\ \Phi_1^4$
29678	720	1180	$\frac{1}{59}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{29}{59}$	$\Phi_{1180}\ \Phi_{590}\ \Phi_{20}^2\ \Phi_{10}^2$
29679	720	719	$\frac{13}{719}$	$\frac{61}{719}$	$\frac{329}{719}$	$\frac{353}{719}$	$\Phi_{719}\ \Phi_1^2$
29680	720	719	$\frac{13}{719}$	$\frac{122}{719}$	$\frac{199}{719}$	$\frac{353}{719}$	$\Phi_{719}\ \Phi_1^2$
29681	720	719	$\frac{13}{719}$	$\frac{134}{719}$	$\frac{183}{719}$	$\frac{353}{719}$	$\Phi_{719}\ \Phi_1^2$
29682	720	1083	$\frac{7}{361}$	$\frac{46}{361}$	$\frac{1}{3}$	$\frac{177}{361}$	$\Phi_{1083}\ \Phi_{57}$
29683	720	870	$\frac{3}{145}$	$\frac{1}{6}$	$\frac{37}{145}$	$\frac{71}{145}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
29684	720	964	$\frac{5}{241}$	$\frac{41}{241}$	$\frac{1}{4}$	$\frac{118}{241}$	$\Phi_{964}\ \Phi_{482}$
29685	720	1316	$\frac{1}{47}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{23}{47}$	$\Phi_{1316}\ \Phi_{188}\ \Phi_{47}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
29686	720	329	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{23}{47}$	$\Phi_{329}^2\ \Phi_{47}^3\ \Phi_7^4\ \Phi_1^6$
29687	720	564	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{23}{47}$	$\Phi_{564}^2\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{47}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
29688	720	1320	$\frac{1}{44}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{43}{88}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{120}\ \Phi_{88}^2\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
29689	720	792	$\frac{1}{44}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{792}^2\ \Phi_{264}\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{24}\ \Phi_9^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
29690	720	440	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{43}{88}$	$\Phi_{440}^3\ \Phi_{88}^4\ \Phi_{40}^3\ \Phi_8^4\ \Phi_5^3\ \Phi_1^4$
29691	720	719	$\frac{17}{719}$	$\frac{92}{719}$	$\frac{209}{719}$	$\frac{351}{719}$	$\Phi_{719}\ \Phi_1^2$
29692	720	719	$\frac{17}{719}$	$\frac{107}{719}$	$\frac{184}{719}$	$\frac{351}{719}$	$\Phi_{719}\ \Phi_1^2$
29693	720	847	$\frac{3}{121}$	$\frac{1}{7}$	$\frac{31}{121}$	$\frac{59}{121}$	$\Phi_{847}\ \Phi_{77}$
29694	720	1083	$\frac{9}{361}$	$\frac{37}{361}$	$\frac{1}{3}$	$\frac{176}{361}$	$\Phi_{1083}\ \Phi_{57}$
29695	720	663	$\frac{1}{39}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{19}{39}$	$\Phi_{663}\ \Phi_{221}\ \Phi_{51}\ \Phi_{39}^2\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
29696	720	390	$\frac{1}{39}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{30}^3\ \Phi_{26}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_2^2$
29697	720	663	$\frac{1}{39}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{19}{39}$	$\Phi_{663}\ \Phi_{221}\ \Phi_{51}\ \Phi_{39}^2\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
29698	720	1092	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{19}{39}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{182}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
29699	720	719	$\frac{19}{719}$	$\frac{41}{719}$	$\frac{339}{719}$	$\frac{350}{719}$	$\Phi_{719}\ \Phi_1^2$
29700	720	719	$\frac{19}{719}$	$\frac{123}{719}$	$\frac{149}{719}$	$\frac{350}{719}$	$\Phi_{719}\ \Phi_1^2$
29701	720	905	$\frac{5}{181}$	$\frac{31}{181}$	$\frac{1}{5}$	$\frac{88}{181}$	Φ_{905}
29702	720	665	$\frac{1}{35}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{17}{35}$	$\Phi_{665}\ \Phi_{133}\ \Phi_{95}\ \Phi_{35}^2\ \Phi_{19}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
29703	720	1155	$\frac{1}{35}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{33}^2$
29704	720	665	$\frac{1}{35}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{17}{35}$	$\Phi_{665}\ \Phi_{133}\ \Phi_{95}\ \Phi_{35}^2\ \Phi_{19}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
29705	720	210	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{17}{35}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{30}^5\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
29706	720	964	$\frac{7}{241}$	$\frac{31}{241}$	$\frac{1}{4}$	$\frac{117}{241}$	$\Phi_{964}\ \Phi_{482}$
29707	720	719	$\frac{21}{719}$	$\frac{37}{719}$	$\frac{341}{719}$	$\frac{349}{719}$	$\Phi_{719}\ \Phi_1^2$
29708	720	719	$\frac{21}{719}$	$\frac{74}{719}$	$\frac{215}{719}$	$\frac{349}{719}$	$\Phi_{719}\ \Phi_1^2$
29709	720	719	$\frac{21}{719}$	$\frac{89}{719}$	$\frac{185}{719}$	$\frac{349}{719}$	$\Phi_{719}\ \Phi_1^2$
29710	720	1083	$\frac{11}{361}$	$\frac{31}{361}$	$\frac{1}{3}$	$\frac{175}{361}$	$\Phi_{1083}\ \Phi_{57}$
29711	720	667	$\frac{1}{29}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{14}{29}$	$\Phi_{667}\ \Phi_{29}^2\ \Phi_{23}^2\ \Phi_1^4$
29712	720	1131	$\frac{1}{29}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{1131}\ \Phi_{39}^2$
29713	720	667	$\frac{1}{29}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{14}{29}$	$\Phi_{667}\ \Phi_{29}^2\ \Phi_{23}^2\ \Phi_1^4$
29714	720	1044	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{348}\ \Phi_{174}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
29715	720	667	$\frac{1}{29}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{14}{29}$	$\Phi_{667}\ \Phi_{29}^2\ \Phi_{23}^2\ \Phi_1^4$
29716	720	1015	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{14}{29}$	$\Phi_{1015}\ \Phi_{35}^2$
29717	720	174	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{5}{29}$	$\frac{14}{29}$	$\Phi_{174}^5\ \Phi_{87}^5\ \Phi_{58}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
29718	720	719	$\frac{25}{719}$	$\frac{31}{719}$	$\frac{344}{719}$	$\frac{347}{719}$	$\Phi_{719}\ \Phi_1^2$
29719	720	719	$\frac{25}{719}$	$\frac{62}{719}$	$\frac{219}{719}$	$\frac{347}{719}$	$\Phi_{719}\ \Phi_1^2$
29720	720	719	$\frac{25}{719}$	$\frac{119}{719}$	$\frac{124}{719}$	$\frac{347}{719}$	$\Phi_{719}\ \Phi_1^2$
29721	720	270	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{270}^3\ \Phi_{135}^3\ \Phi_{90}^3\ \Phi_{54}^3\ \Phi_{45}^3\ \Phi_{30}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_2^2$
29722	720	964	$\frac{9}{241}$	$\frac{25}{241}$	$\frac{1}{4}$	$\frac{116}{241}$	$\Phi_{964}\ \Phi_{482}$
29723	720	803	$\frac{3}{73}$	$\frac{1}{11}$	$\frac{19}{73}$	$\frac{35}{73}$	Φ_{803}
29724	720	847	$\frac{5}{121}$	$\frac{1}{7}$	$\frac{21}{121}$	$\frac{58}{121}$	$\Phi_{847}\ \Phi_{77}$
29725	720	719	$\frac{31}{719}$	$\frac{75}{719}$	$\frac{161}{719}$	$\frac{344}{719}$	$\Phi_{719}\ \Phi_1^2$
29726	720	719	$\frac{31}{719}$	$\frac{99}{719}$	$\frac{125}{719}$	$\frac{344}{719}$	$\Phi_{719}\ \Phi_1^2$
29727	720	1104	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
29728	720	667	$\frac{1}{23}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{11}{23}$	$\Phi_{667}\ \Phi_{29}^2\ \Phi_{23}^2\ \Phi_1^4$
29729	720	1012	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{1012}\ \Phi_{506}\ \Phi_{44}^2\ \Phi_{22}^2$
29730	720	667	$\frac{1}{23}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{11}{23}$	$\Phi_{667}\ \Phi_{29}^2\ \Phi_{23}^2\ \Phi_1^4$
29731	720	966	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{11}{23}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{322}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
29732	720	964	$\frac{11}{241}$	$\frac{21}{241}$	$\frac{1}{4}$	$\frac{115}{241}$	$\Phi_{964}\ \Phi_{482}$
29733	720	719	$\frac{33}{719}$	$\frac{47}{719}$	$\frac{224}{719}$	$\frac{343}{719}$	$\Phi_{719}\ \Phi_1^2$
29734	720	719	$\frac{33}{719}$	$\frac{59}{719}$	$\frac{188}{719}$	$\frac{343}{719}$	$\Phi_{719}\ \Phi_1^2$
29735	720	719	$\frac{33}{719}$	$\frac{94}{719}$	$\frac{125}{719}$	$\frac{343}{719}$	$\Phi_{719}\ \Phi_1^2$
29736	720	1083	$\frac{17}{361}$	$\frac{21}{361}$	$\frac{1}{3}$	$\frac{172}{361}$	$\Phi_{1083}\ \Phi_{57}$
29737	720	870	$\frac{7}{145}$	$\frac{19}{145}$	$\frac{1}{6}$	$\frac{69}{145}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
29738	720	793	$\frac{3}{61}$	$\frac{1}{13}$	$\frac{16}{61}$	$\frac{29}{61}$	Φ_{793}
29739	720	905	$\frac{9}{181}$	$\frac{19}{181}$	$\frac{1}{5}$	$\frac{86}{181}$	Φ_{905}
29740	720	719	$\frac{37}{719}$	$\frac{53}{719}$	$\frac{189}{719}$	$\frac{341}{719}$	$\Phi_{719}\ \Phi_{1}^{2}$
29741	720	719	$\frac{37}{719}$	$\frac{63}{719}$	$\frac{164}{719}$	$\frac{341}{719}$	$\Phi_{719}\ \Phi_{1}^{2}$
29742	720	57	$\frac{1}{19}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{57}^{19}\ \Phi_{3}^{18}$
29743	720	665	$\frac{1}{19}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{9}{19}$	$\Phi_{665}\ \Phi_{133}\ \Phi_{95}\ \Phi_{35}^{2}\ \Phi_{19}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
29744	720	988	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{988}\ \Phi_{494}\ \Phi_{52}^{2}\ \Phi_{26}^{2}$
29745	720	665	$\frac{1}{19}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{9}{19}$	$\Phi_{665}\ \Phi_{133}\ \Phi_{95}\ \Phi_{35}^{2}\ \Phi_{19}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
29746	720	190	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{190}^{4}\ \Phi_{95}^{3}\ \Phi_{38}^{4}\ \Phi_{19}^{4}\ \Phi_{10}^{8}\ \Phi_{5}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
29747	720	133	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{9}{19}$	$\Phi_{133}^{5}\ \Phi_{19}^{6}\ \Phi_{7}^{10}\ \Phi_{1}^{12}$
29748	720	819	$\frac{5}{91}$	$\frac{1}{9}$	$\frac{16}{91}$	$\frac{43}{91}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{117}\ \Phi_{63}\ \Phi_{39}\ \Phi_{21}$
29749	720	719	$\frac{38}{719}$	$\frac{41}{719}$	$\frac{227}{719}$	$\frac{339}{719}$	$\Phi_{719}\ \Phi_{1}^{2}$
29750	720	719	$\frac{41}{719}$	$\frac{95}{719}$	$\frac{104}{719}$	$\frac{339}{719}$	$\Phi_{719}\ \Phi_{1}^{2}$
29751	720	847	$\frac{7}{121}$	$\frac{16}{121}$	$\frac{1}{7}$	$\frac{57}{121}$	$\Phi_{847}\ \Phi_{77}$
29752	720	357	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{357}^{2}\ \Phi_{119}^{2}\ \Phi_{51}\ \Phi_{21}^{4}\ \Phi_{17}^{2}\ \Phi_{7}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
29753	720	221	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{8}{17}$	$\Phi_{221}^{3}\ \Phi_{17}^{4}\ \Phi_{13}^{6}\ \Phi_{1}^{8}$
29754	720	935	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{935}\ \Phi_{55}^{2}$
29755	720	663	$\frac{1}{17}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{8}{17}$	$\Phi_{663}\ \Phi_{221}\ \Phi_{51}\ \Phi_{39}^{2}\ \Phi_{17}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
29756	720	306	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{306}^{3}\ \Phi_{153}^{2}\ \Phi_{102}^{2}\ \Phi_{51}\ \Phi_{34}^{2}\ \Phi_{18}^{6}\ \Phi_{17}^{2}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
29757	720	719	$\frac{43}{719}$	$\frac{74}{719}$	$\frac{127}{719}$	$\frac{338}{719}$	$\Phi_{719}\ \Phi_{1}^{2}$
29758	720	905	$\frac{11}{181}$	$\frac{16}{181}$	$\frac{1}{5}$	$\frac{85}{181}$	Φ_{905}
29759	720	784	$\frac{3}{49}$	$\frac{1}{16}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
29760	720	964	$\frac{15}{241}$	$\frac{16}{241}$	$\frac{1}{4}$	$\frac{113}{241}$	$\Phi_{964}\ \Phi_{482}$
29761	720	719	$\frac{44}{719}$	$\frac{45}{719}$	$\frac{191}{719}$	$\frac{337}{719}$	$\Phi_{719}\ \Phi_{1}^{2}$
29762	720	1083	$\frac{16}{361}$	$\frac{23}{361}$	$\frac{1}{3}$	$\frac{169}{361}$	$\Phi_{1083}\ \Phi_{57}$
29763	720	330	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{7}{22}$	$\frac{7}{15}$	$\Phi_{330}^{2}\ \Phi_{165}^{2}\ \Phi_{110}^{2}\ \Phi_{66}^{2}\ \Phi_{55}^{2}\ \Phi_{33}^{2}\ \Phi_{30}^{2}\ \Phi_{22}^{4}\ \Phi_{15}^{3}\ \Phi_{11}^{4}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
29764	720	240	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{240}^{3}\ \Phi_{120}^{3}\ \Phi_{80}^{3}\ \Phi_{60}^{2}\ \Phi_{48}^{3}\ \Phi_{40}^{3}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{20}^{2}\ \Phi_{16}^{6}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{6}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
29765	720	165	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{7}{15}$	$\Phi_{165}^{4}\ \Phi_{55}^{4}\ \Phi_{33}^{4}\ \Phi_{15}^{5}\ \Phi_{11}^{8}\ \Phi_{5}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{10}$
29766	720	30	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{30}^{24}\ \Phi_{15}^{25}\ \Phi_{10}^{23}\ \Phi_{6}^{23}\ \Phi_{5}^{24}\ \Phi_{3}^{24}\ \Phi_{2}^{22}\ \Phi_{1}^{24}$
29767	720	719	$\frac{32}{719}$	$\frac{49}{719}$	$\frac{229}{719}$	$\frac{335}{719}$	$\Phi_{719}\ \Phi_{1}^{2}$
29768	720	719	$\frac{49}{719}$	$\frac{64}{719}$	$\frac{131}{719}$	$\frac{335}{719}$	$\Phi_{719}\ \Phi_{1}^{2}$
29769	720	803	$\frac{5}{73}$	$\frac{1}{11}$	$\frac{13}{73}$	$\frac{34}{73}$	Φ_{803}
29770	720	719	$\frac{51}{719}$	$\frac{77}{719}$	$\frac{107}{719}$	$\frac{334}{719}$	$\Phi_{719}\ \Phi_{1}^{2}$
29771	720	2100	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{2100}\ \Phi_{420}\ \Phi_{300}\ \Phi_{75}\ \Phi_{60}\ \Phi_{15}$
29772	720	1316	$\frac{2}{47}$	$\frac{1}{14}$	$\frac{15}{47}$	$\frac{13}{28}$	$\Phi_{1316}\ \Phi_{188}\ \Phi_{47}\ \Phi_{28}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
29773	720	476	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{476}\ \Phi_{238}^{2}\ \Phi_{119}^{2}\ \Phi_{68}^{2}\ \Phi_{34}^{3}\ \Phi_{17}^{2}$
29774	720	1316	$\frac{3}{47}$	$\frac{1}{14}$	$\frac{11}{47}$	$\frac{13}{28}$	$\Phi_{1316}\ \Phi_{188}\ \Phi_{47}\ \Phi_{28}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
29775	720	1820	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{1820}\ \Phi_{260}\ \Phi_{65}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
29776	720	1316	$\frac{1}{14}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{13}{28}$	$\Phi_{1316}\ \Phi_{188}\ \Phi_{47}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
29777	720	252	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{252}^6\ \Phi_{84}^6\ \Phi_{63}\ \Phi_{36}^6\ \Phi_{21}\ \Phi_{12}^6$
29778	720	779	$\frac{1}{19}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	Φ_{779}
29779	720	847	$\frac{9}{121}$	$\frac{13}{121}$	$\frac{1}{7}$	$\frac{56}{121}$	$\Phi_{847}\ \Phi_{77}$
29780	720	870	$\frac{11}{145}$	$\frac{13}{145}$	$\frac{1}{6}$	$\frac{67}{145}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
29781	720	719	$\frac{43}{719}$	$\frac{55}{719}$	$\frac{169}{719}$	$\frac{332}{719}$	$\Phi_{719}\ \Phi_1^2$
29782	720	719	$\frac{55}{719}$	$\frac{59}{719}$	$\frac{129}{719}$	$\frac{332}{719}$	$\Phi_{719}\ \Phi_1^2$
29783	720	468	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{7}{52}$	$\frac{6}{13}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
29784	720	964	$\frac{13}{241}$	$\frac{19}{241}$	$\frac{1}{4}$	$\frac{111}{241}$	$\Phi_{964}\ \Phi_{482}$
29785	720	719	$\frac{35}{719}$	$\frac{57}{719}$	$\frac{194}{719}$	$\frac{331}{719}$	$\Phi_{719}\ \Phi_1^2$
29786	720	1083	$\frac{13}{361}$	$\frac{29}{361}$	$\frac{1}{3}$	$\frac{166}{361}$	$\Phi_{1083}\ \Phi_{57}$
29787	720	777	$\frac{1}{21}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{777}\ \Phi_{259}\ \Phi_{111}$
29788	720	793	$\frac{1}{13}$	$\frac{5}{61}$	$\frac{11}{61}$	$\frac{28}{61}$	Φ_{793}
29789	720	719	$\frac{26}{719}$	$\frac{61}{719}$	$\frac{231}{719}$	$\frac{329}{719}$	$\Phi_{719}\ \Phi_1^2$
29790	720	719	$\frac{39}{719}$	$\frac{61}{719}$	$\frac{170}{719}$	$\frac{329}{719}$	$\Phi_{719}\ \Phi_1^2$
29791	720	719	$\frac{61}{719}$	$\frac{65}{719}$	$\frac{109}{719}$	$\frac{329}{719}$	$\Phi_{719}\ \Phi_1^2$
29792	720	810	$\frac{7}{81}$	$\frac{1}{10}$	$\frac{11}{81}$	$\frac{37}{81}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
29793	720	719	$\frac{49}{719}$	$\frac{65}{719}$	$\frac{134}{719}$	$\frac{327}{719}$	$\Phi_{719}\ \Phi_1^2$
29794	720	719	$\frac{65}{719}$	$\frac{69}{719}$	$\frac{98}{719}$	$\frac{327}{719}$	$\Phi_{719}\ \Phi_1^2$
29795	720	1023	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1023}\ \Phi_{93}^2$
29796	720	649	$\frac{2}{59}$	$\frac{1}{11}$	$\frac{19}{59}$	$\frac{5}{11}$	$\Phi_{649}\ \Phi_{59}^2\ \Phi_{11}^2\ \Phi_1^4$
29797	720	924	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{66}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_6^2$
29798	720	649	$\frac{3}{59}$	$\frac{1}{11}$	$\frac{14}{59}$	$\frac{5}{11}$	$\Phi_{649}\ \Phi_{59}^2\ \Phi_{11}^2\ \Phi_1^4$
29799	720	880	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
29800	720	649	$\frac{4}{59}$	$\frac{1}{11}$	$\frac{11}{59}$	$\frac{5}{11}$	$\Phi_{649}\ \Phi_{59}^2\ \Phi_{11}^2\ \Phi_1^4$
29801	720	858	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{858}\ \Phi_{429}\ \Phi_{286}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2$
29802	720	649	$\frac{5}{59}$	$\frac{1}{11}$	$\frac{9}{59}$	$\frac{5}{11}$	$\Phi_{649}\ \Phi_{59}^2\ \Phi_{11}^2\ \Phi_1^4$
29803	720	77	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{77}^{11}\ \Phi_7^{10}$
29804	720	719	$\frac{49}{719}$	$\frac{67}{719}$	$\frac{131}{719}$	$\frac{326}{719}$	$\Phi_{719}\ \Phi_1^2$
29805	720	905	$\frac{11}{181}$	$\frac{17}{181}$	$\frac{1}{5}$	$\frac{82}{181}$	Φ_{905}
29806	720	964	$\frac{11}{241}$	$\frac{23}{241}$	$\frac{1}{4}$	$\frac{109}{241}$	$\Phi_{964}\ \Phi_{482}$
29807	720	803	$\frac{1}{11}$	$\frac{7}{73}$	$\frac{10}{73}$	$\frac{33}{73}$	Φ_{803}
29808	720	719	$\frac{29}{719}$	$\frac{69}{719}$	$\frac{197}{719}$	$\frac{325}{719}$	$\Phi_{719}\ \Phi_1^2$
29809	720	1083	$\frac{11}{361}$	$\frac{35}{361}$	$\frac{1}{3}$	$\frac{163}{361}$	$\Phi_{1083}\ \Phi_{57}$
29810	720	719	$\frac{71}{719}$	$\frac{79}{719}$	$\frac{80}{719}$	$\frac{324}{719}$	$\Phi_{719}\ \Phi_1^2$
29811	720	819	$\frac{9}{91}$	$\frac{10}{91}$	$\frac{1}{9}$	$\frac{41}{91}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{117}\ \Phi_{63}\ \Phi_{39}\ \Phi_{21}$
29812	720	719	$\frac{44}{719}$	$\frac{73}{719}$	$\frac{135}{719}$	$\frac{323}{719}$	$\Phi_{719}\ \Phi_1^2$
29813	720	719	$\frac{62}{719}$	$\frac{73}{719}$	$\frac{99}{719}$	$\frac{323}{719}$	$\Phi_{719}\ \Phi_1^2$
29814	720	784	$\frac{1}{16}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
29815	720	174	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{1}{6}$	$\frac{13}{29}$	$\Phi_{174}^5\ \Phi_{87}^5\ \Phi_{58}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
29816	720	905	$\frac{10}{181}$	$\frac{19}{181}$	$\frac{1}{5}$	$\frac{81}{181}$	Φ_{905}
29817	720	719	$\frac{26}{719}$	$\frac{77}{719}$	$\frac{199}{719}$	$\frac{321}{719}$	$\Phi_{719}\ \Phi_1^2$
29818	720	1083	$\frac{10}{361}$	$\frac{39}{361}$	$\frac{1}{3}$	$\frac{161}{361}$	$\Phi_{1083}\ \Phi_{57}$
29819	720	333	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{333}^2\ \Phi_{111}^3\ \Phi_{37}^2$
29820	720	639	$\frac{2}{71}$	$\frac{1}{9}$	$\frac{23}{71}$	$\frac{4}{9}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
29821	720	900	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{90}\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
29822	720	639	$\frac{3}{71}$	$\frac{1}{9}$	$\frac{17}{71}$	$\frac{4}{9}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
29823	720	855	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{95}^2$
29824	720	639	$\frac{5}{71}$	$\frac{1}{9}$	$\frac{11}{71}$	$\frac{4}{9}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
29825	720	819	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{91}^2$
29826	720	639	$\frac{7}{71}$	$\frac{1}{9}$	$\frac{8}{71}$	$\frac{4}{9}$	$\Phi_{639}\ \Phi_{213}\ \Phi_{71}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
29827	720	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{90}^9\ \Phi_{45}^9\ \Phi_{30}^9\ \Phi_{18}^9\ \Phi_{15}^9\ \Phi_{10}^8\ \Phi_6^9\ \Phi_5^8\ \Phi_2^8$
29828	720	719	$\frac{20}{719}$	$\frac{81}{719}$	$\frac{233}{719}$	$\frac{319}{719}$	$\Phi_{719}\ \Phi_1^2$
29829	720	719	$\frac{71}{719}$	$\frac{80}{719}$	$\frac{81}{719}$	$\frac{319}{719}$	$\Phi_{719}\ \Phi_1^2$
29830	720	870	$\frac{9}{145}$	$\frac{17}{145}$	$\frac{1}{6}$	$\frac{64}{145}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
29831	720	719	$\frac{39}{719}$	$\frac{85}{719}$	$\frac{134}{719}$	$\frac{317}{719}$	$\Phi_{719}\ \Phi_1^2$
29832	720	775	$\frac{1}{31}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{775}\ \Phi_{155}$
29833	720	964	$\frac{9}{241}$	$\frac{29}{241}$	$\frac{1}{4}$	$\frac{106}{241}$	$\Phi_{964}\ \Phi_{482}$
29834	720	1968	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1968}\ \Phi_{123}$
29835	720	1264	$\frac{3}{79}$	$\frac{1}{8}$	$\frac{19}{79}$	$\frac{7}{16}$	$\Phi_{1264}\ \Phi_{79}\ \Phi_{16}^2\ \Phi_1^2$
29836	720	1680	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{240}\ \Phi_{105}\ \Phi_{35}\ \Phi_{15}$
29837	720	1264	$\frac{4}{79}$	$\frac{1}{8}$	$\frac{15}{79}$	$\frac{7}{16}$	$\Phi_{1264}\ \Phi_{79}\ \Phi_{16}^2\ \Phi_1^2$
29838	720	816	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{816}^2\ \Phi_{272}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
29839	720	1264	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1264}\ \Phi_{79}\ \Phi_{16}^2\ \Phi_1^2$
29840	720	1584	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{99}\ \Phi_{33}$
29841	720	719	$\frac{27}{719}$	$\frac{91}{719}$	$\frac{173}{719}$	$\frac{314}{719}$	$\Phi_{719}\ \Phi_1^2$
29842	720	719	$\frac{17}{719}$	$\frac{97}{719}$	$\frac{234}{719}$	$\frac{311}{719}$	$\Phi_{719}\ \Phi_1^2$
29843	720	719	$\frac{34}{719}$	$\frac{97}{719}$	$\frac{137}{719}$	$\frac{311}{719}$	$\Phi_{719}\ \Phi_1^2$
29844	720	777	$\frac{1}{21}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{777}\ \Phi_{259}\ \Phi_{111}$
29845	720	719	$\frac{41}{719}$	$\frac{101}{719}$	$\frac{113}{719}$	$\frac{309}{719}$	$\Phi_{719}\ \Phi_1^2$
29846	720	966	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{42}\ \Phi_6^2$
29847	720	623	$\frac{2}{89}$	$\frac{1}{7}$	$\frac{29}{89}$	$\frac{3}{7}$	$\Phi_{623}\ \Phi_{89}^2\ \Phi_7^2\ \Phi_1^4$
29848	720	259	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{259}^3\ \Phi_{37}^2$
29849	720	868	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{868}\ \Phi_{434}\ \Phi_{124}^2\ \Phi_{62}^2$
29850	720	623	$\frac{4}{89}$	$\frac{1}{7}$	$\frac{17}{89}$	$\frac{3}{7}$	$\Phi_{623}\ \Phi_{89}^2\ \Phi_7^2\ \Phi_1^4$
29851	720	798	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{266}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2$
29852	720	623	$\frac{5}{89}$	$\frac{1}{7}$	$\frac{14}{89}$	$\frac{3}{7}$	$\Phi_{623}\ \Phi_{89}^2\ \Phi_7^2\ \Phi_1^4$
29853	720	112	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{112}^7\ \Phi_{56}^7\ \Phi_{28}^7\ \Phi_{16}^6\ \Phi_{14}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
29854	720	441	$\frac{4}{49}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{441}^2\ \Phi_{147}^2\ \Phi_{63}\ \Phi_{21}$
29855	720	623	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{623}\ \Phi_{89}^2\ \Phi_{7}^2\ \Phi_{1}^4$
29856	720	770	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{770}\ \Phi_{385}\ \Phi_{154}\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{22}^2$
29857	720	793	$\frac{1}{13}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{26}{61}$	Φ_{793}
29858	720	803	$\frac{1}{11}$	$\frac{7}{73}$	$\frac{11}{73}$	$\frac{31}{73}$	Φ_{803}
29859	720	719	$\frac{23}{719}$	$\frac{109}{719}$	$\frac{174}{719}$	$\frac{305}{719}$	$\Phi_{719}\ \Phi_{1}^2$
29860	720	719	$\frac{65}{719}$	$\frac{69}{719}$	$\frac{109}{719}$	$\frac{305}{719}$	$\Phi_{719}\ \Phi_{1}^2$
29861	720	234	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{2}{13}$	$\frac{11}{26}$	$\Phi_{234}^6\ \Phi_{117}\ \Phi_{78}^6\ \Phi_{39}\ \Phi_{18}^6\ \Phi_{6}^6$
29862	720	719	$\frac{53}{719}$	$\frac{83}{719}$	$\frac{111}{719}$	$\frac{304}{719}$	$\Phi_{719}\ \Phi_{1}^2$
29863	720	847	$\frac{7}{121}$	$\frac{1}{7}$	$\frac{19}{121}$	$\frac{51}{121}$	$\Phi_{847}\ \Phi_{77}$
29864	720	719	$\frac{41}{719}$	$\frac{104}{719}$	$\frac{113}{719}$	$\frac{303}{719}$	$\Phi_{719}\ \Phi_{1}^2$
29865	720	870	$\frac{7}{145}$	$\frac{23}{145}$	$\frac{1}{6}$	$\frac{61}{145}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
29866	720	719	$\frac{29}{719}$	$\frac{115}{719}$	$\frac{139}{719}$	$\frac{302}{719}$	$\Phi_{719}\ \Phi_{1}^2$
29867	720	905	$\frac{7}{181}$	$\frac{29}{181}$	$\frac{1}{5}$	$\frac{76}{181}$	Φ_{905}
29868	720	775	$\frac{1}{25}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{775}\ \Phi_{155}$
29869	720	964	$\frac{7}{241}$	$\frac{39}{241}$	$\frac{1}{4}$	$\frac{101}{241}$	$\Phi_{964}\ \Phi_{482}$
29870	720	719	$\frac{17}{719}$	$\frac{117}{719}$	$\frac{209}{719}$	$\frac{301}{719}$	$\Phi_{719}\ \Phi_{1}^2$
29871	720	1083	$\frac{7}{361}$	$\frac{59}{361}$	$\frac{1}{3}$	$\frac{151}{361}$	$\Phi_{1083}\ \Phi_{57}$
29872	720	719	$\frac{14}{719}$	$\frac{121}{719}$	$\frac{235}{719}$	$\frac{299}{719}$	$\Phi_{719}\ \Phi_{1}^2$
29873	720	719	$\frac{35}{719}$	$\frac{114}{719}$	$\frac{121}{719}$	$\frac{299}{719}$	$\Phi_{719}\ \Phi_{1}^2$
29874	720	779	$\frac{1}{19}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	Φ_{779}
29875	720	782	$\frac{1}{46}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{782}\ \Phi_{391}\ \Phi_{34}$
29876	720	719	$\frac{47}{719}$	$\frac{84}{719}$	$\frac{127}{719}$	$\frac{296}{719}$	$\Phi_{719}\ \Phi_{1}^2$
29877	720	719	$\frac{53}{719}$	$\frac{74}{719}$	$\frac{129}{719}$	$\frac{295}{719}$	$\Phi_{719}\ \Phi_{1}^2$
29878	720	793	$\frac{1}{13}$	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{25}{61}$	Φ_{793}
29879	720	719	$\frac{54}{719}$	$\frac{71}{719}$	$\frac{133}{719}$	$\frac{293}{719}$	$\Phi_{719}\ \Phi_{1}^2$
29880	720	270	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{270}^3\ \Phi_{135}^3\ \Phi_{90}^3\ \Phi_{54}^3\ \Phi_{45}^3\ \Phi_{30}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{2}^2$
29881	720	819	$\frac{6}{91}$	$\frac{1}{9}$	$\frac{17}{91}$	$\frac{37}{91}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{117}\ \Phi_{63}\ \Phi_{39}\ \Phi_{21}$
29882	720	847	$\frac{6}{121}$	$\frac{1}{7}$	$\frac{23}{121}$	$\frac{49}{121}$	$\Phi_{847}\ \Phi_{77}$
29883	720	719	$\frac{34}{719}$	$\frac{107}{719}$	$\frac{137}{719}$	$\frac{291}{719}$	$\Phi_{719}\ \Phi_{1}^2$
29884	720	719	$\frac{24}{719}$	$\frac{139}{719}$	$\frac{143}{719}$	$\frac{290}{719}$	$\Phi_{719}\ \Phi_{1}^2$
29885	720	905	$\frac{6}{181}$	$\frac{35}{181}$	$\frac{1}{5}$	$\frac{73}{181}$	Φ_{905}
29886	720	964	$\frac{6}{241}$	$\frac{47}{241}$	$\frac{1}{4}$	$\frac{97}{241}$	$\Phi_{964}\ \Phi_{482}$
29887	720	719	$\frac{14}{719}$	$\frac{141}{719}$	$\frac{215}{719}$	$\frac{289}{719}$	$\Phi_{719}\ \Phi_{1}^2$
29888	720	1083	$\frac{6}{361}$	$\frac{71}{361}$	$\frac{1}{3}$	$\frac{145}{361}$	$\Phi_{1083}\ \Phi_{57}$
29889	720	915	$\frac{1}{61}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{915}\ \Phi_{183}^2$
29890	720	595	$\frac{2}{119}$	$\frac{1}{5}$	$\frac{39}{119}$	$\frac{2}{5}$	$\Phi_{595}\ \Phi_{119}^2\ \Phi_{85}\ \Phi_{35}\ \Phi_{17}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
29891	720	820	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{820}\ \Phi_{410}\ \Phi_{164}^2\ \Phi_{82}^2$
29892	720	595	$\frac{3}{119}$	$\frac{1}{5}$	$\frac{29}{119}$	$\frac{2}{5}$	$\Phi_{595}\ \Phi_{119}^2\ \Phi_{85}\ \Phi_{35}\ \Phi_{17}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
29893	720	155	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{155}^5\ \Phi_{31}^4$
29894	720	595	$\frac{4}{119}$	$\frac{23}{119}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{595}\ \Phi_{119}^2\ \Phi_{85}\ \Phi_{35}\ \Phi_{17}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
29895	720	150	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{150}^6\ \Phi_{75}^6\ \Phi_{50}^6\ \Phi_{30}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
29896	720	595	$\frac{5}{119}$	$\frac{19}{119}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{595}\ \Phi_{119}^2\ \Phi_{85}\ \Phi_{35}\ \Phi_{17}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
29897	720	105	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{105}^6\ \Phi_{35}^5\ \Phi_{21}^{12}\ \Phi_{15}^6\ \Phi_7^{10}\ \Phi_5^6\ \Phi_3^{12}\ \Phi_1^{12}$
29898	720	85	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{85}^7\ \Phi_{17}^{14}\ \Phi_5^8\ \Phi_1^{16}$
29899	720	720	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}^2\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
29900	720	595	$\frac{9}{119}$	$\frac{11}{119}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{595}\ \Phi_{119}^2\ \Phi_{85}\ \Phi_{35}\ \Phi_{17}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
29901	720	715	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{715}\ \Phi_{143}^2$
29902	720	719	$\frac{24}{719}$	$\frac{139}{719}$	$\frac{145}{719}$	$\frac{287}{719}$	$\Phi_{719}\ \Phi_1^2$
29903	720	719	$\frac{29}{719}$	$\frac{115}{719}$	$\frac{151}{719}$	$\frac{284}{719}$	$\Phi_{719}\ \Phi_1^2$
29904	720	779	$\frac{1}{19}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	Φ_{779}
29905	720	719	$\frac{11}{719}$	$\frac{161}{719}$	$\frac{236}{719}$	$\frac{279}{719}$	$\Phi_{719}\ \Phi_1^2$
29906	720	719	$\frac{44}{719}$	$\frac{75}{719}$	$\frac{161}{719}$	$\frac{279}{719}$	$\Phi_{719}\ \Phi_1^2$
29907	720	784	$\frac{1}{16}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
29908	720	719	$\frac{49}{719}$	$\frac{67}{719}$	$\frac{163}{719}$	$\frac{278}{719}$	$\Phi_{719}\ \Phi_1^2$
29909	720	793	$\frac{1}{61}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{793}
29910	720	803	$\frac{5}{73}$	$\frac{1}{11}$	$\frac{17}{73}$	$\frac{28}{73}$	Φ_{803}
29911	720	810	$\frac{5}{81}$	$\frac{1}{10}$	$\frac{19}{81}$	$\frac{31}{81}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
29912	720	719	$\frac{43}{719}$	$\frac{74}{719}$	$\frac{169}{719}$	$\frac{275}{719}$	$\Phi_{719}\ \Phi_1^2$
29913	720	719	$\frac{35}{719}$	$\frac{89}{719}$	$\frac{171}{719}$	$\frac{274}{719}$	$\Phi_{719}\ \Phi_1^2$
29914	720	847	$\frac{5}{121}$	$\frac{1}{7}$	$\frac{29}{121}$	$\frac{46}{121}$	$\Phi_{847}\ \Phi_{77}$
29915	720	174	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{7}{29}$	$\frac{11}{29}$	$\Phi_{174}^5\ \Phi_{87}^5\ \Phi_{58}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
29916	720	719	$\frac{19}{719}$	$\frac{149}{719}$	$\frac{175}{719}$	$\frac{272}{719}$	$\Phi_{719}\ \Phi_1^2$
29917	720	964	$\frac{5}{241}$	$\frac{59}{241}$	$\frac{1}{4}$	$\frac{91}{241}$	$\Phi_{964}\ \Phi_{482}$
29918	720	719	$\frac{11}{719}$	$\frac{177}{719}$	$\frac{224}{719}$	$\frac{271}{719}$	$\Phi_{719}\ \Phi_1^2$
29919	720	1083	$\frac{5}{361}$	$\frac{89}{361}$	$\frac{1}{3}$	$\frac{136}{361}$	$\Phi_{1083}\ \Phi_{57}$
29920	720	1752	$\frac{1}{73}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1752}\ \Phi_{219}$
29921	720	1144	$\frac{2}{143}$	$\frac{1}{4}$	$\frac{47}{143}$	$\frac{3}{8}$	$\Phi_{1144}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}\ \Phi_{13}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
29922	720	392	$\frac{1}{49}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{392}^3\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}^3\ \Phi_{28}\ \Phi_{14}$
29923	720	1144	$\frac{3}{143}$	$\frac{35}{143}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1144}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}\ \Phi_{13}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
29924	720	1480	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1480}\ \Phi_{185}$
29925	720	1144	$\frac{5}{143}$	$\frac{23}{143}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1144}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}\ \Phi_{13}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
29926	720	1400	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1400}\ \Phi_{280}\ \Phi_{175}\ \Phi_{35}$
29927	720	1144	$\frac{7}{143}$	$\frac{17}{143}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1144}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}\ \Phi_{13}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
29928	720	1368	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{171}\ \Phi_{57}$
29929	720	1144	$\frac{8}{143}$	$\frac{15}{143}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1144}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}\ \Phi_{13}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
29930	720	680	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{680}^2\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{34}$
29931	720	616	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}^2\ \Phi_{88}\ \Phi_{77}^2\ \Phi_{56}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_7^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
29932	720	104	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{104}^{11}\ \Phi_{13}^{11}\ \Phi_{8}^{12}\ \Phi_{1}^{12}$
29933	720	719	$\frac{15}{719}$	$\frac{176}{719}$	$\frac{181}{719}$	$\frac{269}{719}$	$\Phi_{719}\ \Phi_{1}^{2}$
29934	720	779	$\frac{1}{41}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	Φ_{779}
29935	720	719	$\frac{19}{719}$	$\frac{140}{719}$	$\frac{193}{719}$	$\frac{263}{719}$	$\Phi_{719}\ \Phi_{1}^{2}$
29936	720	719	$\frac{23}{719}$	$\frac{116}{719}$	$\frac{201}{719}$	$\frac{259}{719}$	$\Phi_{719}\ \Phi_{1}^{2}$
29937	720	775	$\frac{1}{31}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{775}\ \Phi_{155}$
29938	720	775	$\frac{1}{25}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{775}\ \Phi_{155}$
29939	720	719	$\frac{31}{719}$	$\frac{86}{719}$	$\frac{211}{719}$	$\frac{254}{719}$	$\Phi_{719}\ \Phi_{1}^{2}$
29940	720	777	$\frac{1}{21}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{777}\ \Phi_{259}\ \Phi_{111}$
29941	720	719	$\frac{39}{719}$	$\frac{68}{719}$	$\frac{217}{719}$	$\frac{251}{719}$	$\Phi_{719}\ \Phi_{1}^{2}$
29942	720	784	$\frac{1}{16}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
29943	720	719	$\frac{47}{719}$	$\frac{56}{719}$	$\frac{221}{719}$	$\frac{249}{719}$	$\Phi_{719}\ \Phi_{1}^{2}$
29944	720	793	$\frac{4}{61}$	$\frac{1}{13}$	$\frac{19}{61}$	$\frac{21}{61}$	Φ_{793}
29945	720	719	$\frac{44}{719}$	$\frac{59}{719}$	$\frac{225}{719}$	$\frac{247}{719}$	$\Phi_{719}\ \Phi_{1}^{2}$
29946	720	803	$\frac{4}{73}$	$\frac{1}{11}$	$\frac{23}{73}$	$\frac{25}{73}$	Φ_{803}
29947	720	719	$\frac{32}{719}$	$\frac{79}{719}$	$\frac{229}{719}$	$\frac{245}{719}$	$\Phi_{719}\ \Phi_{1}^{2}$
29948	720	819	$\frac{4}{91}$	$\frac{1}{9}$	$\frac{29}{91}$	$\frac{31}{91}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{117}\ \Phi_{63}\ \Phi_{39}\ \Phi_{21}$
29949	720	719	$\frac{26}{719}$	$\frac{95}{719}$	$\frac{231}{719}$	$\frac{244}{719}$	$\Phi_{719}\ \Phi_{1}^{2}$
29950	720	847	$\frac{4}{121}$	$\frac{1}{7}$	$\frac{39}{121}$	$\frac{41}{121}$	$\Phi_{847}\ \Phi_{77}$
29951	720	719	$\frac{20}{719}$	$\frac{119}{719}$	$\frac{233}{719}$	$\frac{243}{719}$	$\Phi_{719}\ \Phi_{1}^{2}$
29952	720	870	$\frac{4}{145}$	$\frac{1}{6}$	$\frac{47}{145}$	$\frac{49}{145}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
29953	720	905	$\frac{4}{181}$	$\frac{1}{5}$	$\frac{59}{181}$	$\frac{61}{181}$	Φ_{905}
29954	720	719	$\frac{14}{719}$	$\frac{159}{719}$	$\frac{235}{719}$	$\frac{242}{719}$	$\Phi_{719}\ \Phi_{1}^{2}$
29955	720	964	$\frac{4}{241}$	$\frac{1}{4}$	$\frac{79}{241}$	$\frac{81}{241}$	$\Phi_{964}\ \Phi_{482}$
29956	720	719	$\frac{8}{719}$	$\frac{237}{719}$	$\frac{239}{719}$	$\frac{241}{719}$	$\Phi_{719}\ \Phi_{1}^{2}$
29957	720	1083	$\frac{4}{361}$	$\frac{119}{361}$	$\frac{1}{3}$	$\frac{121}{361}$	$\Phi_{1083}\ \Phi_{57}$
29958	720	273	$\frac{1}{91}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{273}^{3}\ \Phi_{91}^{2}\ \Phi_{39}^{3}\ \Phi_{21}^{3}\ \Phi_{13}^{2}\ \Phi_{7}^{2}$
29959	720	537	$\frac{2}{179}$	$\frac{59}{179}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{537}\ \Phi_{179}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
29960	720	732	$\frac{1}{61}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{732}\ \Phi_{366}\ \Phi_{244}^{2}\ \Phi_{122}^{2}$
29961	720	537	$\frac{3}{179}$	$\frac{44}{179}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{537}\ \Phi_{179}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
29962	720	690	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{690}\ \Phi_{345}\ \Phi_{230}^{2}\ \Phi_{115}^{2}\ \Phi_{30}\ \Phi_{10}^{2}$
29963	720	537	$\frac{4}{179}$	$\frac{35}{179}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{537}\ \Phi_{179}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
29964	720	222	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{222}^{4}\ \Phi_{111}^{3}\ \Phi_{74}^{4}\ \Phi_{37}^{2}$
29965	720	537	$\frac{5}{179}$	$\frac{29}{179}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{537}\ \Phi_{179}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
29966	720	651	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{651}\ \Phi_{217}^{2}$
29967	720	537	$\frac{8}{179}$	$\frac{19}{179}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{537}\ \Phi_{179}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
29968	720	210	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^{4}\ \Phi_{105}^{4}\ \Phi_{70}^{4}\ \Phi_{42}^{4}\ \Phi_{35}^{4}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{14}^{4}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}$
29969	720	537	$\frac{9}{179}$	$\frac{17}{179}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{537}\ \Phi_{179}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
29970	720	627	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{627}\ \Phi_{209}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
29971	720	537	$\frac{11}{179}$	$\frac{14}{179}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{537}\ \Phi_{179}^2\ \Phi_3^2\ \Phi_1^4$
29972	720	624	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}^2\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{26}^2$
29973	720	1428	$\frac{2}{119}$	$\frac{1}{4}$	$\frac{39}{119}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{204}\ \Phi_{102}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_6^2$
29974	720	1083	$\frac{7}{361}$	$\frac{81}{361}$	$\frac{118}{361}$	$\frac{1}{3}$	$\Phi_{1083}\ \Phi_{57}$
29975	720	1335	$\frac{2}{89}$	$\frac{1}{5}$	$\frac{29}{89}$	$\frac{1}{3}$	$\Phi_{1335}\ \Phi_{15}^2$
29976	720	1083	$\frac{10}{361}$	$\frac{61}{361}$	$\frac{117}{361}$	$\frac{1}{3}$	$\Phi_{1083}\ \Phi_{57}$
29977	720	426	$\frac{2}{71}$	$\frac{1}{6}$	$\frac{23}{71}$	$\frac{1}{3}$	$\Phi_{426}^2\ \Phi_{213}\ \Phi_{142}^2\ \Phi_{71}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
29978	720	1239	$\frac{2}{59}$	$\frac{1}{7}$	$\frac{19}{59}$	$\frac{1}{3}$	$\Phi_{1239}\ \Phi_{21}^2$
29979	720	1083	$\frac{13}{361}$	$\frac{49}{361}$	$\frac{116}{361}$	$\frac{1}{3}$	$\Phi_{1083}\ \Phi_{57}$
29980	720	1083	$\frac{16}{361}$	$\frac{41}{361}$	$\frac{115}{361}$	$\frac{1}{3}$	$\Phi_{1083}\ \Phi_{57}$
29981	720	198	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{198}^4\ \Phi_{99}^4\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{11}^4\ \Phi_9^6\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
29982	720	1170	$\frac{2}{39}$	$\frac{1}{10}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{234}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
29983	720	399	$\frac{1}{19}$	$\frac{13}{133}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{399}^3\ \Phi_{57}\ \Phi_{21}^3$
29984	720	1155	$\frac{2}{35}$	$\frac{1}{11}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{33}^2$
29985	720	1083	$\frac{22}{361}$	$\frac{31}{361}$	$\frac{113}{361}$	$\frac{1}{3}$	$\Phi_{1083}\ \Phi_{57}$
29986	720	1131	$\frac{2}{29}$	$\frac{1}{13}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{1131}\ \Phi_{39}^2$
29987	720	1083	$\frac{25}{361}$	$\frac{28}{361}$	$\frac{111}{361}$	$\frac{1}{3}$	$\Phi_{1083}\ \Phi_{57}$
29988	720	1104	$\frac{1}{16}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
29989	720	1083	$\frac{21}{361}$	$\frac{34}{361}$	$\frac{109}{361}$	$\frac{1}{3}$	$\Phi_{1083}\ \Phi_{57}$
29990	720	57	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{17}{57}$	$\frac{1}{3}$	$\Phi_{57}^{10}\ \Phi_{19}^{18}\ \Phi_3^9\ \Phi_1^{18}$
29991	720	357	$\frac{1}{21}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{357}^2\ \Phi_{119}^2\ \Phi_{51}\ \Phi_{21}^4\ \Phi_{17}^2\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
29992	720	1083	$\frac{17}{361}$	$\frac{43}{361}$	$\frac{106}{361}$	$\frac{1}{3}$	$\Phi_{1083}\ \Phi_{57}$
29993	720	525	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{105}^2\ \Phi_{75}^3\ \Phi_{15}^3$
29994	720	1083	$\frac{13}{361}$	$\frac{58}{361}$	$\frac{101}{361}$	$\frac{1}{3}$	$\Phi_{1083}\ \Phi_{57}$
29995	720	1023	$\frac{1}{31}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{1023}\ \Phi_{93}^2$
29996	720	1083	$\frac{11}{361}$	$\frac{70}{361}$	$\frac{97}{361}$	$\frac{1}{3}$	$\Phi_{1083}\ \Phi_{57}$
29997	720	999	$\frac{1}{37}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{999}\ \Phi_{111}$
29998	720	1083	$\frac{9}{361}$	$\frac{88}{361}$	$\frac{91}{361}$	$\frac{1}{3}$	$\Phi_{1083}\ \Phi_{57}$
29999	720	492	$\frac{1}{41}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{492}^2\ \Phi_{246}^2\ \Phi_{123}^3$
30000	720	1428	$\frac{3}{119}$	$\frac{29}{119}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{204}\ \Phi_{102}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_6^2$
30001	720	1860	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1860}\ \Phi_{930}$
30002	720	1428	$\frac{4}{119}$	$\frac{23}{119}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{204}\ \Phi_{102}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_6^2$
30003	720	300	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^3\ \Phi_{150}\ \Phi_{100}^4\ \Phi_{75}^2\ \Phi_{60}^3\ \Phi_{50}^2\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
30004	720	1428	$\frac{5}{119}$	$\frac{19}{119}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{204}\ \Phi_{102}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_6^2$
30005	720	84	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^{11}\ \Phi_{42}^{11}\ \Phi_{28}^{12}\ \Phi_{14}^{12}\ \Phi_{12}^{12}\ \Phi_6^{12}\ \Phi_4^{12}\ \Phi_2^{12}$
30006	720	204	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^7\ \Phi_{102}^7\ \Phi_{12}^8\ \Phi_6^8$
30007	720	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{144}^6\ \Phi_{72}^6\ \Phi_{48}^3\ \Phi_{36}^4\ \Phi_{24}^3\ \Phi_{18}^4\ \Phi_{16}^6\ \Phi_{12}^2\ \Phi_9^6\ \Phi_8^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
30008	720	1428	$\frac{9}{119}$	$\frac{11}{119}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{204}\ \Phi_{102}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_6^2$
30009	720	1716	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1716}\ \Phi_{858}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
30010	720	426	$\frac{3}{71}$	$\frac{1}{6}$	$\frac{17}{71}$	$\frac{1}{3}$	$\Phi_{426}^2\ \Phi_{213}\ \Phi_{142}^2\ \Phi_{71}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
30011	720	1083	$\frac{17}{361}$	$\frac{55}{361}$	$\frac{86}{361}$	$\frac{1}{3}$	$\Phi_{1083}\ \Phi_{57}$
30012	720	1239	$\frac{3}{59}$	$\frac{1}{7}$	$\frac{14}{59}$	$\frac{1}{3}$	$\Phi_{1239}\ \Phi_{21}^2$
30013	720	1083	$\frac{21}{361}$	$\frac{46}{361}$	$\frac{85}{361}$	$\frac{1}{3}$	$\Phi_{1083}\ \Phi_{57}$
30014	720	390	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{390}^3\ \Phi_{195}^3\ \Phi_{78}^3\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_6^4$
30015	720	1155	$\frac{3}{35}$	$\frac{1}{11}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{33}^2$
30016	720	1083	$\frac{31}{361}$	$\frac{33}{361}$	$\frac{82}{361}$	$\frac{1}{3}$	$\Phi_{1083}\ \Phi_{57}$
30017	720	1083	$\frac{28}{361}$	$\frac{37}{361}$	$\frac{81}{361}$	$\frac{1}{3}$	$\Phi_{1083}\ \Phi_{57}$
30018	720	1104	$\frac{1}{16}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
30019	720	57	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{57}^{19}\ \Phi_3^{18}$
30020	720	1083	$\frac{16}{361}$	$\frac{69}{361}$	$\frac{73}{361}$	$\frac{1}{3}$	$\Phi_{1083}\ \Phi_{57}$
30021	720	1335	$\frac{4}{89}$	$\frac{17}{89}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1335}\ \Phi_{15}^2$
30022	720	570	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{570}^2\ \Phi_{285}\ \Phi_{190}^2\ \Phi_{95}^2$
30023	720	1335	$\frac{5}{89}$	$\frac{14}{89}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1335}\ \Phi_{15}^2$
30024	720	1680	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{210}$
30025	720	1335	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1335}\ \Phi_{15}^2$
30026	720	330	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{330}^4\ \Phi_{165}^3\ \Phi_{66}^4\ \Phi_{33}^4$
30027	720	1239	$\frac{4}{59}$	$\frac{1}{7}$	$\frac{11}{59}$	$\frac{1}{3}$	$\Phi_{1239}\ \Phi_{21}^2$
30028	720	1083	$\frac{26}{361}$	$\frac{49}{361}$	$\frac{67}{361}$	$\frac{1}{3}$	$\Phi_{1083}\ \Phi_{57}$
30029	720	99	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{99}^8\ \Phi_{33}^4\ \Phi_{11}^8\ \Phi_9^{10}\ \Phi_3^5\ \Phi_1^{10}$
30030	720	1083	$\frac{36}{361}$	$\frac{37}{361}$	$\frac{65}{361}$	$\frac{1}{3}$	$\Phi_{1083}\ \Phi_{57}$
30031	720	390	$\frac{1}{10}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{30}^3\ \Phi_{26}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_2^2$
30032	720	1083	$\frac{33}{361}$	$\frac{41}{361}$	$\frac{64}{361}$	$\frac{1}{3}$	$\Phi_{1083}\ \Phi_{57}$
30033	720	1131	$\frac{1}{13}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{1131}\ \Phi_{39}^2$
30034	720	1083	$\frac{25}{361}$	$\frac{56}{361}$	$\frac{61}{361}$	$\frac{1}{3}$	$\Phi_{1083}\ \Phi_{57}$
30035	720	426	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{426}^2\ \Phi_{213}\ \Phi_{142}^2\ \Phi_{71}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
30036	720	546	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{546}^2\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{91}^2$
30037	720	426	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{426}^2\ \Phi_{213}\ \Phi_{142}^2\ \Phi_{71}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
30038	720	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{90}^{10}\ \Phi_{45}^{10}\ \Phi_{30}^7\ \Phi_{18}^4\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_9^6\ \Phi_6^3\ \Phi_5^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
30039	720	1239	$\frac{5}{59}$	$\frac{1}{7}$	$\frac{9}{59}$	$\frac{1}{3}$	$\Phi_{1239}\ \Phi_{21}^2$
30040	720	1083	$\frac{31}{361}$	$\frac{51}{361}$	$\frac{55}{361}$	$\frac{1}{3}$	$\Phi_{1083}\ \Phi_{57}$
30041	720	231	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{231}^5\ \Phi_{33}^6$
30042	720	649	$\frac{2}{59}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{19}{59}$	$\Phi_{649}\ \Phi_{59}^2\ \Phi_{11}^2\ \Phi_1^4$
30043	720	1180	$\frac{2}{59}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{19}{59}$	$\Phi_{1180}\ \Phi_{590}\ \Phi_{20}^2\ \Phi_{10}^2$
30044	720	719	$\frac{26}{719}$	$\frac{122}{719}$	$\frac{199}{719}$	$\frac{231}{719}$	$\Phi_{719}\ \Phi_1^2$
30045	720	905	$\frac{7}{181}$	$\frac{1}{5}$	$\frac{41}{181}$	$\frac{58}{181}$	Φ_{905}
30046	720	719	$\frac{29}{719}$	$\frac{139}{719}$	$\frac{163}{719}$	$\frac{230}{719}$	$\Phi_{719}\ \Phi_1^2$
30047	720	964	$\frac{10}{241}$	$\frac{41}{241}$	$\frac{1}{4}$	$\frac{77}{241}$	$\Phi_{964}\ \Phi_{482}$
30048	720	329	$\frac{2}{47}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{15}{47}$	$\Phi_{329}^2\ \Phi_{47}^3\ \Phi_7^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
30049	720	564	$\frac{2}{47}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{15}{47}$	$\Phi_{564}^2\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{47}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
30050	720	719	$\frac{32}{719}$	$\frac{98}{719}$	$\frac{207}{719}$	$\frac{229}{719}$	$\Phi_{719}\ \Phi_1^2$
30051	720	110	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{7}{22}$	$\Phi_{110}^6\ \Phi_{55}^6\ \Phi_{22}^8\ \Phi_{11}^8\ \Phi_{10}^6\ \Phi_5^9\ \Phi_2^8\ \Phi_1^{12}$
30052	720	870	$\frac{7}{145}$	$\frac{1}{6}$	$\frac{33}{145}$	$\frac{46}{145}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
30053	720	719	$\frac{38}{719}$	$\frac{111}{719}$	$\frac{164}{719}$	$\frac{227}{719}$	$\Phi_{719}\ \Phi_1^2$
30054	720	719	$\frac{38}{719}$	$\frac{123}{719}$	$\frac{149}{719}$	$\frac{227}{719}$	$\Phi_{719}\ \Phi_1^2$
30055	720	964	$\frac{13}{241}$	$\frac{33}{241}$	$\frac{1}{4}$	$\frac{76}{241}$	$\Phi_{964}\ \Phi_{482}$
30056	720	905	$\frac{10}{181}$	$\frac{31}{181}$	$\frac{1}{5}$	$\frac{57}{181}$	Φ_{905}
30057	720	665	$\frac{2}{35}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{11}{35}$	$\Phi_{665}\ \Phi_{133}\ \Phi_{95}\ \Phi_{35}^2\ \Phi_{19}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
30058	720	210	$\frac{2}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{11}{35}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{30}^5\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
30059	720	719	$\frac{47}{719}$	$\frac{99}{719}$	$\frac{155}{719}$	$\frac{224}{719}$	$\Phi_{719}\ \Phi_1^2$
30060	720	667	$\frac{2}{29}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{9}{29}$	$\Phi_{667}\ \Phi_{29}^2\ \Phi_{23}^2\ \Phi_1^4$
30061	720	1044	$\frac{2}{29}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{348}\ \Phi_{174}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
30062	720	667	$\frac{2}{29}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{9}{29}$	$\Phi_{667}\ \Phi_{29}^2\ \Phi_{23}^2\ \Phi_1^4$
30063	720	1015	$\frac{2}{29}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{9}{29}$	$\Phi_{1015}\ \Phi_{35}^2$
30064	720	174	$\frac{2}{29}$	$\frac{1}{6}$	$\frac{5}{29}$	$\frac{9}{29}$	$\Phi_{174}^5\ \Phi_{87}^5\ \Phi_{58}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
30065	720	719	$\frac{50}{719}$	$\frac{62}{719}$	$\frac{219}{719}$	$\frac{223}{719}$	$\Phi_{719}\ \Phi_1^2$
30066	720	719	$\frac{50}{719}$	$\frac{119}{719}$	$\frac{124}{719}$	$\frac{223}{719}$	$\Phi_{719}\ \Phi_1^2$
30067	720	905	$\frac{13}{181}$	$\frac{25}{181}$	$\frac{1}{5}$	$\frac{56}{181}$	Φ_{905}
30068	720	117	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{117}^7\ \Phi_{39}^7\ \Phi_9^6\ \Phi_3^6$
30069	720	719	$\frac{56}{719}$	$\frac{83}{719}$	$\frac{159}{719}$	$\frac{221}{719}$	$\Phi_{719}\ \Phi_1^2$
30070	720	847	$\frac{10}{121}$	$\frac{1}{7}$	$\frac{21}{121}$	$\frac{37}{121}$	$\Phi_{847}\ \Phi_{77}$
30071	720	719	$\frac{62}{719}$	$\frac{99}{719}$	$\frac{125}{719}$	$\frac{219}{719}$	$\Phi_{719}\ \Phi_1^2$
30072	720	1012	$\frac{2}{23}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{1012}\ \Phi_{506}\ \Phi_{44}^2\ \Phi_{22}^2$
30073	720	667	$\frac{2}{23}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{7}{23}$	$\Phi_{667}\ \Phi_{29}^2\ \Phi_{23}^2\ \Phi_1^4$
30074	720	966	$\frac{2}{23}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{7}{23}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{322}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
30075	720	905	$\frac{16}{181}$	$\frac{21}{181}$	$\frac{1}{5}$	$\frac{55}{181}$	Φ_{905}
30076	720	719	$\frac{65}{719}$	$\frac{69}{719}$	$\frac{167}{719}$	$\frac{218}{719}$	$\Phi_{719}\ \Phi_1^2$
30077	720	964	$\frac{21}{241}$	$\frac{22}{241}$	$\frac{1}{4}$	$\frac{73}{241}$	$\Phi_{964}\ \Phi_{482}$
30078	720	803	$\frac{1}{11}$	$\frac{7}{73}$	$\frac{17}{73}$	$\frac{22}{73}$	Φ_{803}
30079	720	719	$\frac{74}{719}$	$\frac{84}{719}$	$\frac{127}{719}$	$\frac{215}{719}$	$\Phi_{719}\ \Phi_1^2$
30080	720	719	$\frac{77}{719}$	$\frac{101}{719}$	$\frac{103}{719}$	$\frac{214}{719}$	$\Phi_{719}\ \Phi_1^2$
30081	720	847	$\frac{13}{121}$	$\frac{17}{121}$	$\frac{1}{7}$	$\frac{36}{121}$	$\Phi_{847}\ \Phi_{77}$
30082	720	870	$\frac{16}{145}$	$\frac{17}{145}$	$\frac{1}{6}$	$\frac{43}{145}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
30083	720	719	$\frac{55}{719}$	$\frac{83}{719}$	$\frac{169}{719}$	$\frac{212}{719}$	$\Phi_{719}\ \Phi_1^2$
30084	720	964	$\frac{17}{241}$	$\frac{28}{241}$	$\frac{1}{4}$	$\frac{71}{241}$	$\Phi_{964}\ \Phi_{482}$
30085	720	221	$\frac{1}{13}$	$\frac{2}{17}$	$\frac{3}{13}$	$\frac{5}{17}$	$\Phi_{221}^3\ \Phi_{17}^4\ \Phi_{13}^6\ \Phi_1^8$
30086	720	935	$\frac{1}{11}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{935}\ \Phi_{55}^2$
30087	720	663	$\frac{4}{39}$	$\frac{2}{17}$	$\frac{7}{39}$	$\frac{5}{17}$	$\Phi_{663}\ \Phi_{221}\ \Phi_{51}\ \Phi_{39}^2\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
30088	720	306	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{306}^3\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{18}^6\ \Phi_{17}^2\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
30089	720	719	$\frac{51}{719}$	$\frac{92}{719}$	$\frac{167}{719}$	$\frac{209}{719}$	$\Phi_{719}\ \Phi_1^2$
30090	720	719	$\frac{64}{719}$	$\frac{98}{719}$	$\frac{131}{719}$	$\frac{207}{719}$	$\Phi_{719}\ \Phi_1^2$
30091	720	803	$\frac{1}{11}$	$\frac{10}{73}$	$\frac{13}{73}$	$\frac{21}{73}$	Φ_{803}
30092	720	476	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{476}^2\ \Phi_{238}^2\ \Phi_{68}^3\ \Phi_{34}^3$
30093	720	336	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}\ \Phi_{84}^3\ \Phi_{56}\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{14}\ \Phi_{12}^3\ \Phi_6^3$
30094	720	329	$\frac{3}{47}$	$\frac{1}{7}$	$\frac{11}{47}$	$\frac{2}{7}$	$\Phi_{329}^2\ \Phi_{47}^3\ \Phi_7^4\ \Phi_1^6$
30095	720	455	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{455}^2\ \Phi_{65}^3$
30096	720	329	$\frac{5}{47}$	$\frac{1}{7}$	$\frac{7}{47}$	$\frac{2}{7}$	$\Phi_{329}^2\ \Phi_{47}^3\ \Phi_7^4\ \Phi_1^6$
30097	720	63	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{63}^{13}\ \Phi_{21}^{13}\ \Phi_9^{12}\ \Phi_3^{12}$
30098	720	719	$\frac{77}{719}$	$\frac{103}{719}$	$\frac{107}{719}$	$\frac{204}{719}$	$\Phi_{719}\ \Phi_1^2$
30099	720	870	$\frac{13}{145}$	$\frac{22}{145}$	$\frac{1}{6}$	$\frac{41}{145}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
30100	720	782	$\frac{1}{17}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{782}\ \Phi_{391}\ \Phi_{34}$
30101	720	719	$\frac{43}{719}$	$\frac{110}{719}$	$\frac{169}{719}$	$\frac{203}{719}$	$\Phi_{719}\ \Phi_1^2$
30102	720	719	$\frac{59}{719}$	$\frac{110}{719}$	$\frac{129}{719}$	$\frac{203}{719}$	$\Phi_{719}\ \Phi_1^2$
30103	720	905	$\frac{13}{181}$	$\frac{28}{181}$	$\frac{1}{5}$	$\frac{51}{181}$	Φ_{905}
30104	720	793	$\frac{1}{13}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	Φ_{793}
30105	720	719	$\frac{65}{719}$	$\frac{109}{719}$	$\frac{122}{719}$	$\frac{199}{719}$	$\Phi_{719}\ \Phi_1^2$
30106	720	819	$\frac{1}{9}$	$\frac{11}{91}$	$\frac{16}{91}$	$\frac{25}{91}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{117}\ \Phi_{63}\ \Phi_{39}\ \Phi_{21}$
30107	720	719	$\frac{79}{719}$	$\frac{87}{719}$	$\frac{128}{719}$	$\frac{197}{719}$	$\Phi_{719}\ \Phi_1^2$
30108	720	924	$\frac{1}{21}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{66}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_6^2$
30109	720	649	$\frac{3}{59}$	$\frac{2}{11}$	$\frac{14}{59}$	$\frac{3}{11}$	$\Phi_{649}\ \Phi_{59}^2\ \Phi_{11}^2\ \Phi_1^4$
30110	720	880	$\frac{1}{16}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
30111	720	649	$\frac{4}{59}$	$\frac{2}{11}$	$\frac{11}{59}$	$\frac{3}{11}$	$\Phi_{649}\ \Phi_{59}^2\ \Phi_{11}^2\ \Phi_1^4$
30112	720	858	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{858}\ \Phi_{429}\ \Phi_{286}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2$
30113	720	649	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{649}\ \Phi_{59}^2\ \Phi_{11}^2\ \Phi_1^4$
30114	720	77	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{77}^{11}\ \Phi_7^{10}$
30115	720	719	$\frac{49}{719}$	$\frac{131}{719}$	$\frac{134}{719}$	$\frac{195}{719}$	$\Phi_{719}\ \Phi_1^2$
30116	720	905	$\frac{11}{181}$	$\frac{34}{181}$	$\frac{1}{5}$	$\frac{49}{181}$	Φ_{905}
30117	720	777	$\frac{1}{21}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{777}\ \Phi_{259}\ \Phi_{111}$
30118	720	719	$\frac{34}{719}$	$\frac{137}{719}$	$\frac{175}{719}$	$\frac{194}{719}$	$\Phi_{719}\ \Phi_1^2$
30119	720	719	$\frac{35}{719}$	$\frac{137}{719}$	$\frac{171}{719}$	$\frac{194}{719}$	$\Phi_{719}\ \Phi_1^2$
30120	720	964	$\frac{11}{241}$	$\frac{46}{241}$	$\frac{1}{4}$	$\frac{65}{241}$	$\Phi_{964}\ \Phi_{482}$
30121	720	719	$\frac{44}{719}$	$\frac{135}{719}$	$\frac{146}{719}$	$\frac{191}{719}$	$\Phi_{719}\ \Phi_1^2$
30122	720	784	$\frac{1}{16}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
30123	720	719	$\frac{53}{719}$	$\frac{111}{719}$	$\frac{152}{719}$	$\frac{189}{719}$	$\Phi_{719}\ \Phi_1^2$
30124	720	793	$\frac{1}{13}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	Φ_{793}
30125	720	803	$\frac{1}{11}$	$\frac{9}{73}$	$\frac{16}{73}$	$\frac{19}{73}$	Φ_{803}
30126	720	270	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}\ \Phi_{54}^4\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
30127	720	719	$\frac{63}{719}$	$\frac{89}{719}$	$\frac{164}{719}$	$\frac{185}{719}$	$\Phi_{719}\ \Phi_1^2$
30128	720	847	$\frac{9}{121}$	$\frac{1}{7}$	$\frac{28}{121}$	$\frac{31}{121}$	$\Phi_{847}\ \Phi_{77}$
30129	720	719	$\frac{51}{719}$	$\frac{107}{719}$	$\frac{167}{719}$	$\frac{184}{719}$	$\Phi_{719}\ \Phi_1^2$
30130	720	870	$\frac{9}{145}$	$\frac{1}{6}$	$\frac{34}{145}$	$\frac{37}{145}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
30131	720	719	$\frac{39}{719}$	$\frac{134}{719}$	$\frac{170}{719}$	$\frac{183}{719}$	$\Phi_{719}\ \Phi_1^2$
30132	720	905	$\frac{9}{181}$	$\frac{1}{5}$	$\frac{43}{181}$	$\frac{46}{181}$	Φ_{905}
30133	720	719	$\frac{27}{719}$	$\frac{173}{719}$	$\frac{179}{719}$	$\frac{182}{719}$	$\Phi_{719}\ \Phi_1^2$
30134	720	964	$\frac{9}{241}$	$\frac{58}{241}$	$\frac{1}{4}$	$\frac{61}{241}$	$\Phi_{964}\ \Phi_{482}$
30135	720	316	$\frac{3}{79}$	$\frac{19}{79}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{316}^2\ \Phi_{158}^2\ \Phi_{79}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
30136	720	420	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^3\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{15}^3$
30137	720	316	$\frac{4}{79}$	$\frac{15}{79}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{316}^2\ \Phi_{158}^2\ \Phi_{79}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
30138	720	204	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{204}^4\ \Phi_{102}^5\ \Phi_{68}^2\ \Phi_{51}^5\ \Phi_{34}^3\ \Phi_{17}^2$
30139	720	316	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{316}^2\ \Phi_{158}^2\ \Phi_{79}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
30140	720	396	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^3\ \Phi_{66}^2\ \Phi_{33}^3$
30141	720	1180	$\frac{3}{59}$	$\frac{1}{5}$	$\frac{14}{59}$	$\frac{1}{4}$	$\Phi_{1180}\ \Phi_{590}\ \Phi_{20}^2\ \Phi_{10}^2$
30142	720	964	$\frac{13}{241}$	$\frac{46}{241}$	$\frac{57}{241}$	$\frac{1}{4}$	$\Phi_{964}\ \Phi_{482}$
30143	720	564	$\frac{3}{47}$	$\frac{1}{6}$	$\frac{11}{47}$	$\frac{1}{4}$	$\Phi_{564}^2\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{47}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
30144	720	964	$\frac{17}{241}$	$\frac{37}{241}$	$\frac{56}{241}$	$\frac{1}{4}$	$\Phi_{964}\ \Phi_{482}$
30145	720	364	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{364}^3\ \Phi_{182}^3\ \Phi_{28}^4\ \Phi_{14}^4$
30146	720	964	$\frac{21}{241}$	$\frac{31}{241}$	$\frac{55}{241}$	$\frac{1}{4}$	$\Phi_{964}\ \Phi_{482}$
30147	720	1012	$\frac{1}{11}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{1012}\ \Phi_{506}\ \Phi_{44}^2\ \Phi_{22}^2$
30148	720	964	$\frac{19}{241}$	$\frac{37}{241}$	$\frac{51}{241}$	$\frac{1}{4}$	$\Phi_{964}\ \Phi_{482}$
30149	720	988	$\frac{1}{13}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{988}\ \Phi_{494}\ \Phi_{52}^2\ \Phi_{26}^2$
30150	720	964	$\frac{16}{241}$	$\frac{45}{241}$	$\frac{49}{241}$	$\frac{1}{4}$	$\Phi_{964}\ \Phi_{482}$
30151	720	80	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{80}^9\ \Phi_{40}^9\ \Phi_{20}^6\ \Phi_{16}^{12}\ \Phi_{10}^6\ \Phi_8^{12}\ \Phi_5^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{12}$
30152	720	1180	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1180}\ \Phi_{590}\ \Phi_{20}^2\ \Phi_{10}^2$
30153	720	780	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{780}^2\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{65}$
30154	720	1180	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1180}\ \Phi_{590}\ \Phi_{20}^2\ \Phi_{10}^2$
30155	720	1540	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}$
30156	720	1092	$\frac{4}{39}$	$\frac{1}{7}$	$\frac{7}{39}$	$\frac{1}{4}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{182}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
30157	720	964	$\frac{26}{241}$	$\frac{33}{241}$	$\frac{43}{241}$	$\frac{1}{4}$	$\Phi_{964}\ \Phi_{482}$
30158	720	1044	$\frac{1}{9}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{348}\ \Phi_{174}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
30159	720	964	$\frac{25}{241}$	$\frac{36}{241}$	$\frac{41}{241}$	$\frac{1}{4}$	$\Phi_{964}\ \Phi_{482}$
30160	720	564	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{564}^2\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{47}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
30161	720	252	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{252}^5\ \Phi_{126}^2\ \Phi_{84}^3\ \Phi_{63}^3\ \Phi_{42}\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2$
30162	720	665	$\frac{3}{35}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{8}{35}$	$\Phi_{665}\ \Phi_{133}\ \Phi_{95}\ \Phi_{35}^2\ \Phi_{19}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
30163	720	210	$\frac{3}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{8}{35}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{30}^5\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
30164	720	719	$\frac{63}{719}$	$\frac{111}{719}$	$\frac{152}{719}$	$\frac{164}{719}$	$\Phi_{719}\ \Phi_1^2$
30165	720	870	$\frac{13}{145}$	$\frac{1}{6}$	$\frac{28}{145}$	$\frac{33}{145}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
30166	720	719	$\frac{67}{719}$	$\frac{116}{719}$	$\frac{139}{719}$	$\frac{163}{719}$	$\Phi_{719}\ \Phi_1^2$
30167	720	905	$\frac{17}{181}$	$\frac{28}{181}$	$\frac{1}{5}$	$\frac{41}{181}$	Φ_{905}
30168	720	667	$\frac{3}{23}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{5}{23}$	$\Phi_{667}\ \Phi_{29}^2\ \Phi_{23}^2\ \Phi_1^4$
30169	720	966	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{23}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{322}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
30170	720	719	$\frac{94}{719}$	$\frac{99}{719}$	$\frac{125}{719}$	$\frac{155}{719}$	$\Phi_{719}\ \Phi_1^2$
30171	720	847	$\frac{17}{121}$	$\frac{1}{7}$	$\frac{19}{121}$	$\frac{26}{121}$	$\Phi_{847}\ \Phi_{77}$
30172	720	504	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2$
30173	720	719	$\frac{101}{719}$	$\frac{103}{719}$	$\frac{113}{719}$	$\frac{154}{719}$	$\Phi_{719}\ \Phi_1^2$
30174	720	870	$\frac{19}{145}$	$\frac{21}{145}$	$\frac{1}{6}$	$\frac{31}{145}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
30175	720	190	$\frac{1}{10}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{190}^4\ \Phi_{95}^3\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{10}^8\ \Phi_5^6\ \Phi_2^8\ \Phi_1^8$
30176	720	133	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{133}^5\ \Phi_{19}^6\ \Phi_7^{10}\ \Phi_1^{12}$
30177	720	810	$\frac{1}{10}$	$\frac{13}{81}$	$\frac{16}{81}$	$\frac{17}{81}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
30178	720	719	$\frac{95}{719}$	$\frac{104}{719}$	$\frac{123}{719}$	$\frac{149}{719}$	$\Phi_{719}\ \Phi_1^2$
30179	720	847	$\frac{16}{121}$	$\frac{1}{7}$	$\frac{21}{121}$	$\frac{25}{121}$	$\Phi_{847}\ \Phi_{77}$
30180	720	719	$\frac{64}{719}$	$\frac{131}{719}$	$\frac{143}{719}$	$\frac{147}{719}$	$\Phi_{719}\ \Phi_1^2$
30181	720	905	$\frac{16}{181}$	$\frac{33}{181}$	$\frac{1}{5}$	$\frac{37}{181}$	Φ_{905}
30182	720	55	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{55}^{12}\ \Phi_{11}^{16}\ \Phi_5^{15}\ \Phi_1^{20}$
30183	720	30	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{30}^{29}\ \Phi_{15}^{29}\ \Phi_{10}^{13}\ \Phi_6^{28}\ \Phi_5^{16}\ \Phi_3^{28}\ \Phi_2^{12}\ \Phi_1^{16}$
30184	720	1050	$\frac{4}{35}$	$\frac{1}{6}$	$\frac{31}{175}$	$\frac{1}{5}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
30185	720	1015	$\frac{4}{29}$	$\frac{1}{7}$	$\frac{5}{29}$	$\frac{1}{5}$	$\Phi_{1015}\ \Phi_{35}^2$
30186	720	905	$\frac{25}{181}$	$\frac{26}{181}$	$\frac{31}{181}$	$\frac{1}{5}$	Φ_{905}
30187	720	210	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{210}^5\ \Phi_{105}^5\ \Phi_{70}^5\ \Phi_{30}^6\ \Phi_{15}^6\ \Phi_{10}^6$
30188	721	1152	$\frac{1}{144}$	$\frac{145}{576}$	$\frac{431}{1152}$	$\frac{143}{288}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{288}\ \Phi_{128}\ \Phi_{96}\ \Phi_{32}\ \Phi_1$
30189	721	204	$\frac{1}{102}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{101}{204}$	$\Phi_{204}\ \Phi_{102}^6\ \Phi_{68}\ \Phi_{51}^6\ \Phi_{34}^6\ \Phi_{17}^6\ \Phi_{12}^2\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
30190	721	612	$\frac{1}{102}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{101}{204}$	$\Phi_{612}^3\ \Phi_{204}\ \Phi_{68}\ \Phi_{36}^3\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
30191	721	1280	$\frac{1}{80}$	$\frac{81}{640}$	$\frac{559}{1280}$	$\frac{79}{160}$	$\Phi_{1280}\ \Phi_{256}\ \Phi_{160}\ \Phi_{32}\ \Phi_1$
30192	721	960	$\frac{1}{80}$	$\frac{239}{960}$	$\frac{81}{320}$	$\frac{79}{160}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
30193	721	192	$\frac{1}{48}$	$\frac{7}{96}$	$\frac{89}{192}$	$\frac{47}{96}$	$\Phi_{192}^7\ \Phi_{96}\ \Phi_{64}^7\ \Phi_{32}\ \Phi_1$
30194	721	1408	$\frac{17}{704}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{687}{1408}$	$\Phi_{1408}\ \Phi_{128}\ \Phi_{32}\ \Phi_1$
30195	721	1404	$\frac{19}{702}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{683}{1404}$	$\Phi_{1404}\ \Phi_{468}\ \Phi_{156}\ \Phi_{108}\ \Phi_{52}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
30196	721	870	$\frac{4}{145}$	$\frac{149}{870}$	$\frac{1}{5}$	$\frac{141}{290}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{174}\ \Phi_{145}\ \Phi_{87}\ \Phi_{30}\ \Phi_{29}\ \Phi_{15}\ \Phi_6\ \Phi_3\ \Phi_1$
30197	721	200	$\frac{3}{100}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{97}{200}$	$\Phi_{200}^3\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{40}^3\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^6\ \Phi_5^4\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
30198	721	200	$\frac{3}{100}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{97}{200}$	$\Phi_{200}^7\ \Phi_{40}^7\ \Phi_{25}\ \Phi_8^7\ \Phi_1$
30199	721	972	$\frac{8}{243}$	$\frac{1}{9}$	$\frac{251}{972}$	$\frac{235}{486}$	$\Phi_{972}\ \Phi_{324}\ \Phi_{243}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
30200	721	1056	$\frac{17}{352}$	$\frac{1}{16}$	$\frac{335}{1056}$	$\frac{15}{32}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
30201	721	768	$\frac{47}{768}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
30202	721	832	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{111}{832}$	$\frac{97}{208}$	$\Phi_{832}\ \Phi_{416}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
30203	721	192	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{89}{192}$	$\Phi_{192}^7\ \Phi_{64}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
30204	721	792	$\frac{5}{66}$	$\frac{71}{792}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
30205	721	1320	$\frac{5}{66}$	$\frac{61}{660}$	$\frac{1}{6}$	$\frac{599}{1320}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{120}\ \Phi_{88}\ \Phi_{66}\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
30206	721	810	$\frac{8}{81}$	$\frac{89}{810}$	$\frac{1}{9}$	$\frac{73}{162}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{81}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
30207	721	1296	$\frac{1}{36}$	$\frac{73}{648}$	$\frac{35}{108}$	$\frac{575}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
30208	721	1296	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{648}$	$\frac{575}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{81}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
30209	721	112	$\frac{9}{112}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{112}^7\ \Phi_{56}^7\ \Phi_{28}^7\ \Phi_{14}^7\ \Phi_{8}^6\ \Phi_{7}^7\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^7$
30210	721	728	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{12}{91}$	$\frac{79}{182}$	$\Phi_{728}\ \Phi_{364}\ \Phi_{104}^2\ \Phi_{91}\ \Phi_{56}\ \Phi_{52}^2\ \Phi_{28}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
30211	721	120	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{17}{120}$	$\frac{13}{30}$	$\Phi_{120}^7\ \Phi_{60}^7\ \Phi_{40}^7\ \Phi_{24}^7\ \Phi_{20}^7\ \Phi_{15}^6\ \Phi_{12}^7\ \Phi_{8}^7\ \Phi_{5}^6\ \Phi_{4}^7\ \Phi_{3}^6\ \Phi_{1}^7$
30212	721	144	$\frac{1}{36}$	$\frac{5}{36}$	$\frac{41}{144}$	$\frac{31}{72}$	$\Phi_{144}^7\ \Phi_{48}^7\ \Phi_{36}^6\ \Phi_{18}^6\ \Phi_{16}^7\ \Phi_{12}^6\ \Phi_{9}^6\ \Phi_{6}^6\ \Phi_{4}^6\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^7$
30213	721	180	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{77}{180}$	$\Phi_{180}^7\ \Phi_{60}^7\ \Phi_{36}^7\ \Phi_{20}^7\ \Phi_{15}^6\ \Phi_{12}^7\ \Phi_{5}^6\ \Phi_{4}^7\ \Phi_{3}^6\ \Phi_{1}^7$
30214	721	1248	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{97}{624}$	$\frac{527}{1248}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{104}\ \Phi_{96}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
30215	721	750	$\frac{29}{750}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{750}\ \Phi_{375}\ \Phi_{250}\ \Phi_{150}\ \Phi_{125}\ \Phi_{75}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
30216	721	420	$\frac{2}{105}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{420}^3\ \Phi_{140}^3\ \Phi_{105}\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{35}\ \Phi_{28}^3\ \Phi_{21}\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
30217	721	612	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{50}{153}$	$\frac{5}{12}$	$\Phi_{612}^3\ \Phi_{153}\ \Phi_{36}^3\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
30218	721	408	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{33}{136}$	$\frac{5}{12}$	$\Phi_{408}^2\ \Phi_{136}^3\ \Phi_{102}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{24}^2\ \Phi_{17}^2\ \Phi_{12}\ \Phi_{8}^3\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^3$
30219	721	108	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{108}^7\ \Phi_{54}^7\ \Phi_{36}^7\ \Phi_{27}^7\ \Phi_{18}^7\ \Phi_{12}^2\ \Phi_{9}^7\ \Phi_{6}^6\ \Phi_{4}^2\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^7$
30220	721	1428	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{119}\ \Phi_{84}\ \Phi_{28}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
30221	721	900	$\frac{1}{30}$	$\frac{29}{150}$	$\frac{179}{900}$	$\frac{121}{300}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
30222	721	1200	$\frac{1}{30}$	$\frac{29}{150}$	$\frac{121}{600}$	$\frac{479}{1200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{150}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}\ \Phi_{16}\ \Phi_{1}$
30223	721	1160	$\frac{4}{145}$	$\frac{1}{5}$	$\frac{141}{580}$	$\frac{439}{1160}$	$\Phi_{1160}\ \Phi_{232}\ \Phi_{145}\ \Phi_{40}\ \Phi_{29}\ \Phi_{8}\ \Phi_{1}$
30224	721	1152	$\frac{1}{48}$	$\frac{47}{192}$	$\frac{145}{576}$	$\frac{431}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
30225	721	160	$\frac{3}{80}$	$\frac{11}{80}$	$\frac{23}{80}$	$\frac{57}{160}$	$\Phi_{160}^7\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{32}^7\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
30226	721	108	$\frac{5}{108}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{108}^7\ \Phi_{54}^6\ \Phi_{36}^7\ \Phi_{27}^7\ \Phi_{18}^6\ \Phi_{12}^7\ \Phi_{9}^6\ \Phi_{6}^6\ \Phi_{4}^7\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^7$
30227	721	312	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{25}{78}$	$\frac{53}{156}$	$\Phi_{312}^2\ \Phi_{156}\ \Phi_{104}^4\ \Phi_{78}^2\ \Phi_{52}^3\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{24}^2\ \Phi_{13}^3\ \Phi_{12}\ \Phi_{8}^3\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^3$
30228	721	864	$\frac{1}{36}$	$\frac{143}{864}$	$\frac{35}{108}$	$\frac{73}{216}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
30229	721	1080	$\frac{1}{90}$	$\frac{89}{270}$	$\frac{359}{1080}$	$\frac{181}{540}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{72}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
30230	721	315	$\frac{2}{105}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{315}^3\ \Phi_{105}\ \Phi_{63}^3\ \Phi_{45}^3\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
30231	721	153	$\frac{1}{51}$	$\frac{2}{9}$	$\frac{50}{153}$	$\frac{1}{3}$	$\Phi_{153}^4\ \Phi_{51}^6\ \Phi_{17}^6\ \Phi_{9}^5\ \Phi_{3}^6\ \Phi_{1}^7$
30232	721	1224	$\frac{1}{34}$	$\frac{2}{9}$	$\frac{33}{136}$	$\frac{1}{3}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{36}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
30233	721	108	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{108}^7\ \Phi_{54}^7\ \Phi_{36}^7\ \Phi_{27}^7\ \Phi_{18}^4\ \Phi_{12}^7\ \Phi_{9}^5\ \Phi_{6}^6\ \Phi_{4}^7\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^7$
30234	721	1071	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1071}\ \Phi_{119}\ \Phi_{63}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
30235	721	972	$\frac{1}{36}$	$\frac{73}{324}$	$\frac{251}{972}$	$\frac{35}{108}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{1}$
30236	721	1053	$\frac{19}{351}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{332}{1053}$	$\Phi_{1053}\ \Phi_{81}\ \Phi_{27}\ \Phi_{1}$
30237	721	150	$\frac{3}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{47}{150}$	$\Phi_{150}^7\ \Phi_{75}^7\ \Phi_{30}^7\ \Phi_{25}\ \Phi_{15}^7\ \Phi_{6}^7\ \Phi_{3}^7\ \Phi_{1}$
30238	721	936	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{215}{936}$	$\frac{97}{312}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
30239	721	120	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{7}{24}$	$\Phi_{120}^7\ \Phi_{60}^7\ \Phi_{40}^7\ \Phi_{30}^7\ \Phi_{20}^7\ \Phi_{15}^7\ \Phi_{10}^7\ \Phi_8^6\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
30240	721	135	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{32}{135}$	$\frac{13}{45}$	$\Phi_{135}^7\ \Phi_{27}^7\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^6\ \Phi_1^7$
30241	721	144	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{144}$	$\Phi_{144}^7\ \Phi_{72}^7\ \Phi_{36}^7\ \Phi_{18}^7\ \Phi_9^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
30242	721	990	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{330}$	$\frac{269}{990}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{198}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{45}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
30243	721	972	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{324}$	$\frac{251}{972}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{81}\ \Phi_{27}\ \Phi_1$
30244	721	120	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{120}^7\ \Phi_{60}^7\ \Phi_{40}^3\ \Phi_{30}^7\ \Phi_{24}^7\ \Phi_{20}^4\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}^4\ \Phi_8^6\ \Phi_6^7\ \Phi_5^4\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
30245	721	128	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{25}{128}$	$\frac{7}{32}$	$\Phi_{128}^7\ \Phi_{64}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
30246	721	800	$\frac{79}{800}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_8\ \Phi_1$
30247	721	125	$\frac{3}{25}$	$\frac{4}{25}$	$\frac{22}{125}$	$\frac{1}{5}$	$\Phi_{125}^7\ \Phi_{25}\ \Phi_1$
30248	722	618	$\frac{1}{103}$	$\frac{52}{309}$	$\frac{257}{618}$	$\frac{51}{103}$	$\Phi_{618}^2\ \Phi_{206}^2\ \Phi_{103}\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
30249	722	714	$\frac{4}{357}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{353}{714}$	$\Phi_{714}^2\ \Phi_{238}^2\ \Phi_{102}^2\ \Phi_{42}^2\ \Phi_{34}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
30250	722	1332	$\frac{1}{37}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{18}{37}$	$\Phi_{1332}\ \Phi_{444}\ \Phi_{148}\ \Phi_{37}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
30251	722	777	$\frac{1}{37}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{777}\ \Phi_{259}\ \Phi_{37}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
30252	722	999	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{18}{37}$	$\Phi_{999}\ \Phi_{37}\ \Phi_{27}^2\ \Phi_1^2$
30253	722	888	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{18}{37}$	$\Phi_{888}\ \Phi_{444}\ \Phi_{296}\ \Phi_{148}\ \Phi_{37}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
30254	722	700	$\frac{11}{350}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{339}{700}$	$\Phi_{700}^2\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
30255	722	180	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^5\ \Phi_{45}^4\ \Phi_{36}^2\ \Phi_{30}^5\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^5\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^5\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
30256	722	672	$\frac{25}{336}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{311}{672}$	$\Phi_{672}^2\ \Phi_{224}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
30257	722	260	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{260}^3\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{52}^3\ \Phi_{26}\ \Phi_{20}^2\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
30258	722	105	$\frac{3}{35}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{105}^7\ \Phi_{35}^5\ \Phi_{21}^{10}\ \Phi_{15}^7\ \Phi_7^7\ \Phi_5^5\ \Phi_3^{10}\ \Phi_1^8$
30259	722	392	$\frac{31}{392}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{392}^2\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
30260	722	637	$\frac{6}{91}$	$\frac{85}{637}$	$\frac{1}{7}$	$\frac{276}{637}$	$\Phi_{637}\ \Phi_{91}^2\ \Phi_{49}\ \Phi_{13}^2\ \Phi_7\ \Phi_1^2$
30261	722	476	$\frac{4}{119}$	$\frac{1}{7}$	$\frac{115}{476}$	$\frac{3}{7}$	$\Phi_{476}^2\ \Phi_{238}^2\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
30262	722	378	$\frac{17}{378}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
30263	722	21	$\frac{2}{21}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{21}^{34}\ \Phi_7^{35}\ \Phi_3^{34}\ \Phi_1^{36}$
30264	722	1248	$\frac{1}{39}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}\ \Phi_{12}\ \Phi_6$
30265	722	312	$\frac{1}{39}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^2\ \Phi_{156}^3\ \Phi_{104}^2\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{24}\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
30266	722	390	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{390}^3\ \Phi_{195}\ \Phi_{130}^3\ \Phi_{78}^3\ \Phi_{65}\ \Phi_{30}^2\ \Phi_{26}^3\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
30267	722	546	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{88}{273}$	$\frac{185}{546}$	$\Phi_{546}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
30268	722	420	$\frac{1}{20}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_6$
30269	722	540	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
30270	722	180	$\frac{1}{20}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^5\ \Phi_{45}^3\ \Phi_{36}^4\ \Phi_{30}^5\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^5\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
30271	722	120	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{120}^8\ \Phi_{60}^5\ \Phi_{40}^8\ \Phi_{30}^5\ \Phi_{24}^6\ \Phi_{20}^4\ \Phi_{15}^5\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_8^6\ \Phi_6^5\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
30272	722	420	$\frac{3}{28}$	$\frac{59}{420}$	$\frac{1}{7}$	$\frac{25}{84}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
30273	722	504	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{168}$	$\frac{143}{504}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
30274	722	105	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{105}^6\ \Phi_{35}^7\ \Phi_{21}^9\ \Phi_{15}^6\ \Phi_7^9\ \Phi_5^7\ \Phi_3^9\ \Phi_1^{10}$
30275	722	448	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{87}{448}$	$\frac{25}{112}$	$\Phi_{448}^2\ \Phi_{224}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
30276	722	420	$\frac{59}{420}$	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{3}{14}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
30277	723	456	$\frac{1}{38}$	$\frac{13}{228}$	$\frac{215}{456}$	$\frac{37}{76}$	$\Phi_{456}^3\ \Phi_{152}^3\ \Phi_{76}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
30278	723	304	$\frac{1}{38}$	$\frac{13}{76}$	$\frac{63}{304}$	$\frac{37}{76}$	$\Phi_{304}^3\ \Phi_{152}^3\ \Phi_{76}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
30279	723	924	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{221}{462}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{231}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{28}\ \Phi_{22}\ \Phi_{21}\ \Phi_{12}\ \Phi_{11}\ \Phi_7\ \Phi_4\ \Phi_3\ \Phi_1$
30280	723	264	$\frac{1}{22}$	$\frac{23}{264}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{264}^3\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{66}^3\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}\ \Phi_{12}^3\ \Phi_{11}\ \Phi_8^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
30281	723	456	$\frac{1}{19}$	$\frac{13}{228}$	$\frac{6}{19}$	$\frac{215}{456}$	$\Phi_{456}^3\ \Phi_{152}^3\ \Phi_{24}^3\ \Phi_{19}^2\ \Phi_8^3\ \Phi_1^3$
30282	723	988	$\frac{1}{19}$	$\frac{18}{247}$	$\frac{265}{988}$	$\frac{229}{494}$	$\Phi_{988}\ \Phi_{247}\ \Phi_{76}\ \Phi_{52}\ \Phi_{13}\ \Phi_4\ \Phi_1$
30283	723	440	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{1}{4}$	$\frac{199}{440}$	$\Phi_{440}^3\ \Phi_{88}^3\ \Phi_{44}^2\ \Phi_{40}^3\ \Phi_{22}\ \Phi_{11}\ \Phi_8^3\ \Phi_4\ \Phi_1$
30284	723	1216	$\frac{1}{38}$	$\frac{115}{608}$	$\frac{37}{152}$	$\frac{493}{1216}$	$\Phi_{1216}\ \Phi_{152}\ \Phi_{76}\ \Phi_{64}\ \Phi_8\ \Phi_4\ \Phi_1$
30285	723	304	$\frac{1}{38}$	$\frac{63}{304}$	$\frac{37}{152}$	$\frac{115}{304}$	$\Phi_{304}^2\ \Phi_{152}^3\ \Phi_{76}^3\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{16}^2\ \Phi_8^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
30286	723	247	$\frac{6}{247}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{247}^3\ \Phi_{19}^2\ \Phi_{13}^3\ \Phi_1^3$
30287	723	380	$\frac{1}{38}$	$\frac{37}{190}$	$\frac{51}{190}$	$\frac{139}{380}$	$\Phi_{380}^3\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}^3\ \Phi_{20}^3\ \Phi_{10}\ \Phi_5\ \Phi_4^3\ \Phi_1$
30288	723	266	$\frac{1}{19}$	$\frac{25}{266}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{266}^3\ \Phi_{133}^3\ \Phi_{19}^2\ \Phi_{14}^3\ \Phi_7^3\ \Phi_1^3$
30289	723	261	$\frac{2}{29}$	$\frac{20}{261}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{261}^3\ \Phi_{87}^2\ \Phi_{29}^3\ \Phi_9^3\ \Phi_3\ \Phi_1^3$
30290	723	342	$\frac{1}{19}$	$\frac{13}{114}$	$\frac{101}{342}$	$\frac{6}{19}$	$\Phi_{342}^3\ \Phi_{171}^3\ \Phi_{19}^2\ \Phi_{18}^3\ \Phi_9^3\ \Phi_1^3$
30291	723	285	$\frac{1}{19}$	$\frac{44}{285}$	$\frac{13}{57}$	$\frac{6}{19}$	$\Phi_{285}^3\ \Phi_{95}^3\ \Phi_{19}^2\ \Phi_{15}^3\ \Phi_5^3\ \Phi_1^3$
30292	723	304	$\frac{1}{19}$	$\frac{13}{76}$	$\frac{63}{304}$	$\frac{6}{19}$	$\Phi_{304}^3\ \Phi_{152}^3\ \Phi_{19}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_1^3$
30293	723	264	$\frac{23}{264}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{264}^3\ \Phi_{132}^2\ \Phi_{88}^3\ \Phi_{66}^2\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^3\ \Phi_{12}^2\ \Phi_{11}^3\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
30294	723	660	$\frac{1}{22}$	$\frac{21}{110}$	$\frac{1}{4}$	$\frac{89}{330}$	$\Phi_{660}^2\ \Phi_{330}\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
30295	723	308	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{308}$	$\frac{1}{4}$	$\Phi_{308}^2\ \Phi_{154}^2\ \Phi_{77}^3\ \Phi_{44}^3\ \Phi_{28}^2\ \Phi_{22}^3\ \Phi_{14}^2\ \Phi_{11}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
30296	724	360	$\frac{1}{180}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{179}{360}$	$\Phi_{360}^4\ \Phi_{120}^4\ \Phi_{72}^4\ \Phi_{40}^4\ \Phi_{24}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
30297	724	726	$\frac{1}{121}$	$\frac{61}{242}$	$\frac{1}{3}$	$\frac{60}{121}$	$\Phi_{726}^2\ \Phi_{363}\ \Phi_{66}^2\ \Phi_{33}\ \Phi_6^2$
30298	724	1056	$\frac{5}{176}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{171}{352}$	$\Phi_{1056}^2\ \Phi_{96}^2\ \Phi_{33}$
30299	724	198	$\frac{1}{33}$	$\frac{17}{198}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{198}^4\ \Phi_{99}^4\ \Phi_{66}^4\ \Phi_{33}^2\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{11}^2\ \Phi_9^4\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
30300	724	350	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{169}{350}$	$\Phi_{350}^4\ \Phi_{70}^4\ \Phi_{50}^4\ \Phi_{35}\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_2^4$
30301	724	1040	$\frac{1}{26}$	$\frac{27}{208}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{40}\ \Phi_{10}$
30302	724	693	$\frac{31}{693}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{331}{693}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{11}^2\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
30303	724	1690	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{157}{338}$	$\Phi_{1690}\ \Phi_{130}\ \Phi_{65}\ \Phi_{10}$
30304	724	980	$\frac{1}{14}$	$\frac{15}{196}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
30305	724	1680	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{1}{5}$	$\frac{155}{336}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{240}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
30306	724	561	$\frac{6}{187}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{561}^2\ \Phi_{51}^2\ \Phi_{33}$
30307	724	330	$\frac{1}{33}$	$\frac{16}{165}$	$\frac{1}{3}$	$\frac{149}{330}$	$\Phi_{330}^4\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{33}^2\ \Phi_{30}^4\ \Phi_{22}^4\ \Phi_{11}^2\ \Phi_{10}^4\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
30308	724	1560	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{1}{5}$	$\frac{131}{312}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{130}\ \Phi_{120}\ \Phi_{65}\ \Phi_{40}\ \Phi_{10}$
30309	724	183	$\frac{2}{183}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{183}^4\ \Phi_{61}^4\ \Phi_3\ \Phi_1^2$
30310	724	270	$\frac{1}{90}$	$\frac{89}{270}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
30311	724	552	$\frac{3}{184}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{552}\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{24}\ \Phi_{23}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
30312	724	240	$\frac{1}{60}$	$\frac{59}{240}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
30313	724	369	$\frac{7}{369}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{369}^2\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_3\ \Phi_1^2$
30314	724	555	$\frac{4}{185}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{555}\ \Phi_{185}^2\ \Phi_{111}\ \Phi_{37}^2\ \Phi_3\ \Phi_1^2$
30315	724	225	$\frac{1}{45}$	$\frac{44}{225}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{225}^4\ \Phi_{75}^4\ \Phi_{25}^4\ \Phi_3\ \Phi_1^2$
30316	724	186	$\frac{5}{186}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{186}^4\ \Phi_{93}^4\ \Phi_{62}^4\ \Phi_{31}^4\ \Phi_3\ \Phi_1^2$
30317	724	216	$\frac{1}{36}$	$\frac{35}{216}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{216}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_{24}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
30318	724	210	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
30319	724	375	$\frac{13}{375}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{375}^2\ \Phi_{125}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_3\ \Phi_1^2$
30320	724	189	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{189}^4\ \Phi_{63}^4\ \Phi_{27}^4\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
30321	724	405	$\frac{2}{45}$	$\frac{43}{405}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{405}^2\ \Phi_{135}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_3\ \Phi_1^2$
30322	724	570	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{570}\ \Phi_{285}\ \Phi_{190}^2\ \Phi_{114}\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_3\ \Phi_1^2$
30323	724	600	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}^2\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
30324	724	198	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{198}^4\ \Phi_{99}^4\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_3\ \Phi_1^2$
30325	724	192	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{192}^4\ \Phi_{96}^4\ \Phi_{64}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
30326	724	195	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^4\ \Phi_{65}^4\ \Phi_{39}^4\ \Phi_{13}^4\ \Phi_3\ \Phi_1^2$
30327	724	264	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{83}{264}$	$\frac{1}{3}$	$\Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^4\ \Phi_{66}^2\ \Phi_{44}^4\ \Phi_{33}^3\ \Phi_{24}^2\ \Phi_{22}^4\ \Phi_{12}^2\ \Phi_{11}^4\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
30328	724	198	$\frac{2}{33}$	$\frac{17}{198}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{198}^4\ \Phi_{99}^3\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{11}^4\ \Phi_9^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
30329	724	495	$\frac{1}{33}$	$\frac{32}{165}$	$\frac{133}{495}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{99}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
30330	724	198	$\frac{17}{198}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{198}^4\ \Phi_{99}^4\ \Phi_{66}^2\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{11}^4\ \Phi_9^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
30331	724	231	$\frac{2}{33}$	$\frac{31}{231}$	$\frac{50}{231}$	$\frac{1}{3}$	$\Phi_{231}^3\ \Phi_{77}^3\ \Phi_{33}^4\ \Phi_{21}^3\ \Phi_{11}^4\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
30332	724	660	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{220}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{60}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{15}^2$
30333	724	1170	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{53}{234}$	$\frac{25}{78}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{130}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{10}$
30334	724	210	$\frac{1}{14}$	$\frac{29}{210}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^3\ \Phi_{21}^4\ \Phi_{15}^3\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
30335	724	1260	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1}{5}$	$\frac{71}{252}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{180}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{35}\ \Phi_{10}$
30336	724	241	$\frac{9}{241}$	$\frac{58}{241}$	$\frac{60}{241}$	$\frac{61}{241}$	$\Phi_{241}^3\ \Phi_1^4$
30337	724	1120	$\frac{1}{14}$	$\frac{43}{224}$	$\frac{1}{5}$	$\frac{13}{56}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{160}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
30338	724	210	$\frac{29}{210}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}\ \Phi_{30}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
30339	725	288	$\frac{1}{144}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{143}{288}$	$\Phi_{288}^5\ \Phi_{96}^5\ \Phi_{32}^5\ \Phi_8\ \Phi_1$
30340	725	832	$\frac{3}{104}$	$\frac{107}{832}$	$\frac{1}{4}$	$\frac{101}{208}$	$\Phi_{832}\ \Phi_{416}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
30341	725	336	$\frac{1}{28}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{27}{56}$	$\Phi_{336}^4\ \Phi_{112}^4\ \Phi_{56}\ \Phi_{48}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
30342	725	1512	$\frac{1}{28}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{72}\ \Phi_{56}\ \Phi_{27}\ \Phi_9\ \Phi_8\ \Phi_1$
30343	725	504	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{27}{56}$	$\Phi_{504}^4\ \Phi_{72}^4\ \Phi_{56}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
30344	725	56	$\frac{1}{28}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{56}^{25}\ \Phi_{28}\ \Phi_{14}\ \Phi_8^{25}\ \Phi_7\ \Phi_1$
30345	725	224	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{27}{56}$	$\Phi_{224}^4\ \Phi_{112}^4\ \Phi_{56}\ \Phi_{32}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
30346	725	168	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{27}{56}$	$\Phi_{168}^8\ \Phi_{56}^9\ \Phi_{24}^8\ \Phi_8^9\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
30347	725	336	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{23}{48}$	$\Phi_{336}^4\ \Phi_{112}^4\ \Phi_{48}^5\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}^5\ \Phi_6\ \Phi_3\ \Phi_1$
30348	725	96	$\frac{1}{24}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{96}^8\ \Phi_{48}^5\ \Phi_{32}^9\ \Phi_{24}^8\ \Phi_{16}^6\ \Phi_{12}^8\ \Phi_8^9\ \Phi_6^8\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
30349	725	1680	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{23}{48}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{240}\ \Phi_{80}\ \Phi_{48}\ \Phi_{35}\ \Phi_{16}\ \Phi_{5}\ \Phi_{1}$
30350	725	784	$\frac{3}{56}$	$\frac{59}{784}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
30351	725	1352	$\frac{3}{52}$	$\frac{49}{676}$	$\frac{1}{4}$	$\frac{627}{1352}$	$\Phi_{1352}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
30352	725	702	$\frac{1}{26}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{702}\ \Phi_{351}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
30353	725	1344	$\frac{3}{56}$	$\frac{53}{672}$	$\frac{1}{4}$	$\frac{619}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
30354	725	520	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{520}^2\ \Phi_{130}^2\ \Phi_{104}^2\ \Phi_{65}^2\ \Phi_{40}\ \Phi_{26}\ \Phi_{13}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
30355	725	650	$\frac{1}{26}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{650}\ \Phi_{325}\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{26}\ \Phi_{25}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
30356	725	1248	$\frac{3}{104}$	$\frac{101}{624}$	$\frac{1}{4}$	$\frac{523}{1248}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{104}\ \Phi_{96}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
30357	725	468	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
30358	725	624	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{624}^2\ \Phi_{208}^2\ \Phi_{78}^2\ \Phi_{48}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
30359	725	1176	$\frac{2}{147}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1176}\ \Phi_{392}\ \Phi_{168}\ \Phi_{147}\ \Phi_{56}\ \Phi_{49}\ \Phi_{21}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
30360	725	216	$\frac{1}{72}$	$\frac{1}{4}$	$\frac{71}{216}$	$\frac{3}{8}$	$\Phi_{216}^5\ \Phi_{108}^5\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_{8}\ \Phi_{1}$
30361	725	736	$\frac{11}{736}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{736}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_{8}\ \Phi_{1}$
30362	725	296	$\frac{3}{148}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{296}^4\ \Phi_{148}\ \Phi_{74}\ \Phi_{37}\ \Phi_{8}\ \Phi_{1}$
30363	725	192	$\frac{1}{48}$	$\frac{47}{192}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{192}^5\ \Phi_{96}^5\ \Phi_{64}^5\ \Phi_{32}^5\ \Phi_{8}\ \Phi_{1}$
30364	725	744	$\frac{19}{744}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{744}\ \Phi_{372}\ \Phi_{248}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{8}\ \Phi_{1}$
30365	725	72	$\frac{1}{36}$	$\frac{7}{36}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^{16}\ \Phi_{36}^4\ \Phi_{24}^{16}\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{9}^4\ \Phi_{8}^{17}\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
30366	725	120	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^{10}\ \Phi_{40}^{10}\ \Phi_{30}^5\ \Phi_{24}^8\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_{8}^9\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
30367	725	864	$\frac{5}{144}$	$\frac{139}{864}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{8}\ \Phi_{1}$
30368	725	168	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{8}\ \Phi_{7}^5\ \Phi_{1}$
30369	725	152	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{152}^5\ \Phi_{76}^5\ \Phi_{38}^5\ \Phi_{19}^5\ \Phi_{8}\ \Phi_{1}$
30370	725	1224	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{153}\ \Phi_{136}\ \Phi_{51}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
30371	725	648	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{648}^2\ \Phi_{216}^2\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{8}\ \Phi_{1}$
30372	725	768	$\frac{43}{768}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
30373	725	32	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{32}^{25}\ \Phi_{16}^{20}\ \Phi_{8}^{21}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
30374	725	792	$\frac{5}{72}$	$\frac{67}{792}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
30375	725	312	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^4\ \Phi_{156}\ \Phi_{104}^4\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
30376	725	378	$\frac{1}{14}$	$\frac{2}{27}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}\ \Phi_{27}^3\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{9}^3\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
30377	725	864	$\frac{2}{27}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{72}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
30378	725	468	$\frac{1}{26}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{468}^2\ \Phi_{234}\ \Phi_{156}^2\ \Phi_{117}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{36}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
30379	725	945	$\frac{2}{27}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{135}\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
30380	725	936	$\frac{3}{104}$	$\frac{211}{936}$	$\frac{1}{4}$	$\frac{101}{312}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
30381	725	168	$\frac{3}{56}$	$\frac{23}{168}$	$\frac{1}{4}$	$\frac{53}{168}$	$\Phi_{168}^4\ \Phi_{84}^4\ \Phi_{56}^5\ \Phi_{42}^4\ \Phi_{28}^5\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_{14}^5\ \Phi_{12}^4\ \Phi_{8}^5\ \Phi_{7}^5\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
30382	725	252	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{13}{42}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{63}^4\ \Phi_{42}\ \Phi_{36}^5\ \Phi_{21}\ \Phi_{18}^5\ \Phi_{9}^5\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
30383	725	84	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{84}^{12}\ \Phi_{42}^{13}\ \Phi_{28}\ \Phi_{21}^{13}\ \Phi_{14}\ \Phi_{12}^{12}\ \Phi_{7}\ \Phi_{6}^{13}\ \Phi_{3}^{13}\ \Phi_{1}$
30384	725	672	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{13}{42}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{32}\ \Phi_{21}\ \Phi_{16}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
30385	725	42	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{13}{42}$	$\Phi_{42}^{17}\ \Phi_{21}^{17}\ \Phi_{14}^{16}\ \Phi_{7}^{16}\ \Phi_{6}^{21}\ \Phi_{3}^{21}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
30386	725	288	$\frac{1}{12}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{288}^4\ \Phi_{144}^4\ \Phi_{72}^4\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
30387	725	1260	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{11}{36}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{18}\ \Phi_9\ \Phi_5\ \Phi_1$
30388	725	1008	$\frac{3}{56}$	$\frac{53}{336}$	$\frac{1}{4}$	$\frac{283}{1008}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
30389	725	224	$\frac{3}{32}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{224}^4\ \Phi_{112}^4\ \Phi_{56}^4\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
30390	725	896	$\frac{3}{56}$	$\frac{171}{896}$	$\frac{53}{224}$	$\frac{1}{4}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{128}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
30391	725	32	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{32}^{22}\ \Phi_{16}^{22}\ \Phi_8^{25}\ \Phi_4^{24}\ \Phi_2^{24}\ \Phi_1^{25}$
30392	725	168	$\frac{3}{28}$	$\frac{23}{168}$	$\frac{5}{28}$	$\frac{1}{4}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{42}^5\ \Phi_{28}\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{14}\ \Phi_{12}^5\ \Phi_8^5\ \Phi_7\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
30393	725	140	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{140}^6\ \Phi_{70}^6\ \Phi_{35}^7\ \Phi_{28}\ \Phi_{20}^6\ \Phi_{14}\ \Phi_{10}^6\ \Phi_7\ \Phi_5^7\ \Phi_1$
30394	725	96	$\frac{3}{32}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{96}^8\ \Phi_{48}^8\ \Phi_{32}^9\ \Phi_{24}^8\ \Phi_{16}^9\ \Phi_8^9\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
30395	725	1120	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{7}{32}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{160}\ \Phi_{80}\ \Phi_{35}\ \Phi_{32}\ \Phi_{16}\ \Phi_5\ \Phi_1$
30396	725	181	$\frac{16}{181}$	$\frac{33}{181}$	$\frac{36}{181}$	$\frac{37}{181}$	$\Phi_{181}^4\ \Phi_1^5$
30397	725	210	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{6}{35}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{35}^5\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
30398	726	580	$\frac{1}{145}$	$\frac{73}{290}$	$\frac{217}{580}$	$\frac{72}{145}$	$\Phi_{580}^2\ \Phi_{145}\ \Phi_{116}^2\ \Phi_{29}\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
30399	726	240	$\frac{1}{120}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{119}{240}$	$\Phi_{240}^6\ \Phi_{80}^6\ \Phi_{48}^6\ \Phi_{16}^6\ \Phi_5\ \Phi_1^2$
30400	726	240	$\frac{1}{120}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{119}{240}$	$\Phi_{240}^6\ \Phi_{80}^6\ \Phi_{48}^6\ \Phi_{16}^6\ \Phi_{12}\ \Phi_6$
30401	726	324	$\frac{1}{81}$	$\frac{1}{4}$	$\frac{41}{162}$	$\frac{40}{81}$	$\Phi_{324}^3\ \Phi_{162}\ \Phi_{108}^3\ \Phi_{81}^2\ \Phi_{54}\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{18}\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
30402	726	260	$\frac{1}{65}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{32}{65}$	$\Phi_{260}^5\ \Phi_{65}\ \Phi_{52}^5\ \Phi_{20}^6\ \Phi_{13}\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
30403	726	195	$\frac{1}{65}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{32}{65}$	$\Phi_{195}^5\ \Phi_{65}\ \Phi_{39}^5\ \Phi_{15}^6\ \Phi_{13}\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
30404	726	714	$\frac{2}{119}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{117}{238}$	$\Phi_{714}^3\ \Phi_{102}^3\ \Phi_{42}^3\ \Phi_{21}\ \Phi_6^3$
30405	726	1248	$\frac{1}{52}$	$\frac{53}{416}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
30406	726	1344	$\frac{1}{32}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{31}{64}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{64}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
30407	726	192	$\frac{1}{32}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{192}^7\ \Phi_{64}^8\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
30408	726	448	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{31}{64}$	$\Phi_{448}^3\ \Phi_{64}^4\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
30409	726	234	$\frac{4}{117}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{113}{234}$	$\Phi_{234}^6\ \Phi_{78}^6\ \Phi_{39}\ \Phi_{26}^6\ \Phi_{18}^6\ \Phi_6^6\ \Phi_2^6$
30410	726	468	$\frac{4}{117}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{113}{234}$	$\Phi_{468}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{36}^3\ \Phi_{18}\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
30411	726	232	$\frac{1}{29}$	$\frac{5}{116}$	$\frac{111}{232}$	$\frac{14}{29}$	$\Phi_{232}^6\ \Phi_{29}\ \Phi_8^6\ \Phi_1^2$
30412	726	174	$\frac{1}{29}$	$\frac{5}{58}$	$\frac{53}{174}$	$\frac{14}{29}$	$\Phi_{174}^6\ \Phi_{87}^6\ \Phi_{29}\ \Phi_6^6\ \Phi_3^6\ \Phi_1^2$
30413	726	406	$\frac{1}{29}$	$\frac{43}{406}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{406}^2\ \Phi_{203}^2\ \Phi_{29}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
30414	726	464	$\frac{1}{29}$	$\frac{15}{116}$	$\frac{101}{464}$	$\frac{14}{29}$	$\Phi_{464}^2\ \Phi_{232}^2\ \Phi_{29}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
30415	726	145	$\frac{1}{29}$	$\frac{24}{145}$	$\frac{5}{29}$	$\frac{14}{29}$	$\Phi_{145}^6\ \Phi_{29}\ \Phi_5^6\ \Phi_1^2$
30416	726	1176	$\frac{1}{28}$	$\frac{29}{392}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{294}\ \Phi_{147}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
30417	726	540	$\frac{1}{27}$	$\frac{14}{135}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{108}\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
30418	726	700	$\frac{13}{350}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{337}{700}$	$\Phi_{700}^2\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{28}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
30419	726	2100	$\frac{13}{350}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{337}{700}$	$\Phi_{2100}\ \Phi_{420}\ \Phi_{300}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
30420	726	175	$\frac{1}{25}$	$\frac{13}{175}$	$\frac{54}{175}$	$\frac{12}{25}$	$\Phi_{175}^4\ \Phi_{35}^4\ \Phi_{25}^5\ \Phi_7^4\ \Phi_5^5\ \Phi_1^6$
30421	726	400	$\frac{1}{25}$	$\frac{37}{400}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{400}^2\ \Phi_{200}^2\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
30422	726	232	$\frac{5}{116}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{111}{232}$	$\Phi_{232}^6\ \Phi_{29}\ \Phi_8^6\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
30423	726	336	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{10}{21}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^3\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^4\ \Phi_7^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
30424	726	84	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{84}^8\ \Phi_{42}^8\ \Phi_{28}^8\ \Phi_{21}^9\ \Phi_{14}^8\ \Phi_{12}^{11}\ \Phi_7^9\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
30425	726	840	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{10}{21}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
30426	726	145	$\frac{7}{145}$	$\frac{9}{145}$	$\frac{46}{145}$	$\frac{68}{145}$	$\Phi_{145}^5\ \Phi_{29}^5\ \Phi_5^5\ \Phi_1^6$
30427	726	2028	$\frac{1}{26}$	$\frac{25}{338}$	$\frac{1}{3}$	$\frac{313}{676}$	$\Phi_{2028}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
30428	726	804	$\frac{5}{67}$	$\frac{1}{12}$	$\frac{12}{67}$	$\frac{31}{67}$	$\Phi_{804}\ \Phi_{402}\ \Phi_{268}\ \Phi_{201}\ \Phi_{134}$
30429	726	225	$\frac{1}{25}$	$\frac{17}{225}$	$\frac{8}{25}$	$\frac{104}{225}$	$\Phi_{225}^3\ \Phi_{75}^3\ \Phi_{45}^3\ \Phi_{25}^5\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^5\ \Phi_3^3\ \Phi_1^6$
30430	726	672	$\frac{1}{28}$	$\frac{9}{112}$	$\frac{1}{3}$	$\frac{103}{224}$	$\Phi_{672}^3\ \Phi_{96}^3\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
30431	726	725	$\frac{54}{725}$	$\frac{61}{725}$	$\frac{131}{725}$	$\frac{332}{725}$	$\Phi_{725}\ \Phi_{145}\ \Phi_{29}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
30432	726	324	$\frac{4}{81}$	$\frac{7}{81}$	$\frac{1}{4}$	$\frac{37}{81}$	$\Phi_{324}^3\ \Phi_{162}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
30433	726	500	$\frac{1}{25}$	$\frac{12}{125}$	$\frac{137}{500}$	$\frac{113}{250}$	$\Phi_{500}^2\ \Phi_{125}^2\ \Phi_{100}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
30434	726	1020	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1020}^2\ \Phi_{204}^2\ \Phi_{102}\ \Phi_{60}\ \Phi_{51}\ \Phi_{12}\ \Phi_6$
30435	726	260	$\frac{2}{65}$	$\frac{1}{10}$	$\frac{21}{65}$	$\frac{9}{20}$	$\Phi_{260}^5\ \Phi_{65}\ \Phi_{52}^5\ \Phi_{20}^6\ \Phi_{13}\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
30436	726	460	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{460}\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{92}^2\ \Phi_{46}^3\ \Phi_{23}^2$
30437	726	140	$\frac{2}{35}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{140}^{10}\ \Phi_{35}^2\ \Phi_{28}^{10}\ \Phi_{20}^6\ \Phi_7^2\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
30438	726	260	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{2}{13}$	$\frac{9}{20}$	$\Phi_{260}^5\ \Phi_{52}^5\ \Phi_{20}^6\ \Phi_{13}^5\ \Phi_4^6\ \Phi_1^6$
30439	726	420	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_7^2$
30440	726	252	$\frac{5}{126}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{252}^4\ \Phi_{126}^2\ \Phi_{84}^4\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_7^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
30441	726	216	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{1}{4}$	$\frac{95}{216}$	$\Phi_{216}^6\ \Phi_{108}\ \Phi_{72}^6\ \Phi_{54}\ \Phi_{36}\ \Phi_{24}^6\ \Phi_{18}\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
30442	726	58	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{7}{29}$	$\frac{25}{58}$	$\Phi_{58}^{22}\ \Phi_{29}^3\ \Phi_2^{22}\ \Phi_1^4$
30443	726	58	$\frac{3}{58}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{25}{58}$	$\Phi_{58}^{12}\ \Phi_{29}^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
30444	726	150	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{29}{150}$	$\frac{21}{50}$	$\Phi_{150}^6\ \Phi_{75}^6\ \Phi_{30}^6\ \Phi_{25}^5\ \Phi_{15}^6\ \Phi_6^6\ \Phi_5^5\ \Phi_3^6\ \Phi_1^6$
30445	726	625	$\frac{1}{25}$	$\frac{101}{625}$	$\frac{24}{125}$	$\frac{262}{625}$	$\Phi_{625}\ \Phi_{125}^2\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
30446	726	624	$\frac{1}{52}$	$\frac{17}{104}$	$\frac{1}{3}$	$\frac{87}{208}$	$\Phi_{624}^3\ \Phi_{156}\ \Phi_{78}\ \Phi_{48}^3\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
30447	726	615	$\frac{2}{123}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{615}\ \Phi_{205}\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_5\ \Phi_1^2$
30448	726	180	$\frac{1}{60}$	$\frac{1}{5}$	$\frac{59}{180}$	$\frac{2}{5}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{45}^6\ \Phi_{36}^6\ \Phi_{18}^6\ \Phi_9^6\ \Phi_5\ \Phi_1^2$
30449	726	370	$\frac{7}{370}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{370}^2\ \Phi_{185}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_5\ \Phi_1^2$
30450	726	620	$\frac{3}{124}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{620}\ \Phi_{310}\ \Phi_{155}\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_5\ \Phi_1^2$
30451	726	160	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{39}{160}$	$\frac{2}{5}$	$\Phi_{160}^6\ \Phi_{80}^6\ \Phi_{32}^6\ \Phi_{16}^6\ \Phi_5\ \Phi_1^2$
30452	726	125	$\frac{4}{125}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{125}^6\ \Phi_{25}^6\ \Phi_5\ \Phi_1^2$
30453	726	150	$\frac{1}{30}$	$\frac{29}{150}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{150}^6\ \Phi_{75}^6\ \Phi_{50}^6\ \Phi_{25}^6\ \Phi_5\ \Phi_1^2$
30454	726	630	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
30455	726	720	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}^2\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
30456	726	380	$\frac{17}{380}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{380}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_5\ \Phi_1^2$
30457	726	140	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{140}^6\ \Phi_{70}^6\ \Phi_{35}^6\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_7^6\ \Phi_5\ \Phi_1^2$
30458	726	640	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}^2\ \Phi_{80}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
30459	726	135	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{135}^6\ \Phi_{45}^6\ \Phi_{27}^6\ \Phi_9^6\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
30460	726	130	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{130}^6\ \Phi_{65}^6\ \Phi_{26}^6\ \Phi_{13}^6\ \Phi_5\ \Phi_1^2$
30461	726	400	$\frac{3}{40}$	$\frac{37}{400}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{400}^2\ \Phi_{200}^2\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
30462	726	60	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{60}^{10}\ \Phi_{30}^{10}\ \Phi_{20}^{10}\ \Phi_{15}^{10}\ \Phi_{12}^{20}\ \Phi_{10}^{10}\ \Phi_6^{20}\ \Phi_5^{11}\ \Phi_4^{20}\ \Phi_3^{20}\ \Phi_2^{20}\ \Phi_1^{22}$
30463	726	200	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{21}{100}$	$\frac{79}{200}$	$\Phi_{200}^6\ \Phi_{40}^6\ \Phi_{25}^5\ \Phi_8^6\ \Phi_5^5\ \Phi_1^6$
30464	726	1206	$\frac{1}{67}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1206}\ \Phi_{402}\ \Phi_{201}\ \Phi_{134}$
30465	726	1104	$\frac{5}{368}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
30466	726	1072	$\frac{1}{67}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1072}\ \Phi_{268}\ \Phi_{134}$
30467	726	725	$\frac{43}{725}$	$\frac{62}{725}$	$\frac{221}{725}$	$\frac{252}{725}$	$\Phi_{725}\ \Phi_{145}\ \Phi_{29}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
30468	726	804	$\frac{4}{67}$	$\frac{1}{12}$	$\frac{21}{67}$	$\frac{23}{67}$	$\Phi_{804}\ \Phi_{402}\ \Phi_{268}\ \Phi_{201}\ \Phi_{134}$
30469	726	50	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{8}{25}$	$\frac{17}{50}$	$\Phi_{50}^{22}\ \Phi_{25}^7\ \Phi_{10}^{22}\ \Phi_5^7\ \Phi_2^{22}\ \Phi_1^8$
30470	726	546	$\frac{1}{91}$	$\frac{30}{91}$	$\frac{1}{3}$	$\frac{61}{182}$	$\Phi_{546}^3\ \Phi_{273}\ \Phi_{78}^3\ \Phi_{42}^3\ \Phi_{39}\ \Phi_{21}\ \Phi_6^3$
30471	726	492	$\frac{2}{123}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{492}^2\ \Phi_{246}^2\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{12}\ \Phi_6$
30472	726	180	$\frac{1}{60}$	$\frac{1}{4}$	$\frac{59}{180}$	$\frac{1}{3}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{45}^6\ \Phi_{36}^6\ \Phi_{18}^6\ \Phi_{12}\ \Phi_9^6\ \Phi_6$
30473	726	156	$\frac{1}{52}$	$\frac{35}{156}$	$\frac{17}{52}$	$\frac{1}{3}$	$\Phi_{156}^4\ \Phi_{78}^4\ \Phi_{52}^6\ \Phi_{39}^4\ \Phi_{26}^6\ \Phi_{13}^6\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
30474	726	420	$\frac{1}{28}$	$\frac{19}{140}$	$\frac{9}{28}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{105}^3\ \Phi_{84}\ \Phi_{60}^3\ \Phi_{42}\ \Phi_{30}^3\ \Phi_{21}\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
30475	726	48	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{48}^{14}\ \Phi_{24}^{14}\ \Phi_{16}^{16}\ \Phi_{12}^{16}\ \Phi_8^{16}\ \Phi_6^{16}\ \Phi_4^{18}\ \Phi_3^{15}\ \Phi_2^{18}\ \Phi_1^{18}$
30476	726	390	$\frac{9}{130}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{390}^3\ \Phi_{195}^3\ \Phi_{78}^3\ \Phi_{39}\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_6^3$
30477	726	1092	$\frac{23}{364}$	$\frac{31}{364}$	$\frac{111}{364}$	$\frac{1}{3}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{273}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
30478	726	126	$\frac{5}{126}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{126}^6\ \Phi_{63}^6\ \Phi_{42}^6\ \Phi_{21}^4\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_9^6\ \Phi_7^6\ \Phi_6^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
30479	726	168	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{47}{168}$	$\frac{1}{3}$	$\Phi_{168}^3\ \Phi_{84}^4\ \Phi_{56}^6\ \Phi_{42}^4\ \Phi_{28}^6\ \Phi_{24}^3\ \Phi_{21}^4\ \Phi_{14}^6\ \Phi_{12}^4\ \Phi_8^6\ \Phi_7^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
30480	726	510	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{30}\ \Phi_{17}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
30481	726	372	$\frac{3}{124}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{372}^3\ \Phi_{186}^3\ \Phi_{93}^3\ \Phi_{12}\ \Phi_6$
30482	726	480	$\frac{1}{40}$	$\frac{39}{160}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{12}\ \Phi_6$
30483	726	1500	$\frac{4}{125}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{300}\ \Phi_{150}\ \Phi_{12}\ \Phi_6$
30484	726	300	$\frac{1}{30}$	$\frac{29}{150}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^4\ \Phi_{150}^2\ \Phi_{100}^4\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{12}\ \Phi_6$
30485	726	252	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^4\ \Phi_{126}^2\ \Phi_{84}^4\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_7^2\ \Phi_6$
30486	726	144	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{144}^6\ \Phi_{72}^6\ \Phi_{48}^6\ \Phi_{36}^6\ \Phi_{18}^6\ \Phi_{16}^6\ \Phi_{12}\ \Phi_9^6\ \Phi_6$
30487	726	1140	$\frac{17}{380}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{285}\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{12}\ \Phi_6$
30488	726	420	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{12}\ \Phi_6$
30489	726	1020	$\frac{13}{255}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{204}\ \Phi_{170}\ \Phi_{102}\ \Phi_{68}\ \Phi_{34}\ \Phi_{12}\ \Phi_6$
30490	726	384	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{12}\ \Phi_6$
30491	726	540	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
30492	726	780	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
30493	726	1200	$\frac{3}{40}$	$\frac{37}{400}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{75}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
30494	726	12	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{12}^{61}\ \Phi_6^{61}\ \Phi_4^{60}\ \Phi_3^{60}\ \Phi_2^{60}\ \Phi_1^{60}$
30495	726	1344	$\frac{1}{28}$	$\frac{85}{448}$	$\frac{27}{112}$	$\frac{1}{3}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{192}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
30496	726	1428	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{113}{476}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{204}\ \Phi_{102}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
30497	726	156	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{35}{156}$	$\frac{1}{3}$	$\Phi_{156}^6\ \Phi_{78}^6\ \Phi_{52}^6\ \Phi_{39}\ \Phi_{26}^6\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_2^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
30498	726	210	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{210}^{7}\ \Phi_{105}^{4}\ \Phi_{42}^{5}\ \Phi_{30}^{7}\ \Phi_{21}^{3}\ \Phi_{15}^{4}\ \Phi_{6}^{5}\ \Phi_{3}^{2}$
30499	726	420	$\frac{1}{14}$	$\frac{19}{140}$	$\frac{13}{70}$	$\frac{1}{3}$	$\Phi_{420}^{3}\ \Phi_{210}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{3}\ \Phi_{60}^{3}\ \Phi_{42}^{3}\ \Phi_{30}^{2}\ \Phi_{21}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
30500	726	120	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{120}^{7}\ \Phi_{60}^{7}\ \Phi_{40}^{8}\ \Phi_{30}^{7}\ \Phi_{20}^{8}\ \Phi_{15}^{7}\ \Phi_{12}^{2}\ \Phi_{10}^{8}\ \Phi_{6}^{2}\ \Phi_{5}^{8}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
30501	726	195	$\frac{2}{65}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{21}{65}$	$\Phi_{195}^{5}\ \Phi_{65}\ \Phi_{39}^{5}\ \Phi_{15}^{6}\ \Phi_{13}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
30502	726	150	$\frac{1}{25}$	$\frac{29}{150}$	$\frac{17}{75}$	$\frac{8}{25}$	$\Phi_{150}^{6}\ \Phi_{75}^{3}\ \Phi_{50}^{6}\ \Phi_{30}^{6}\ \Phi_{25}^{5}\ \Phi_{15}^{3}\ \Phi_{10}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{5}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
30503	726	112	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{5}{16}$	$\Phi_{112}^{6}\ \Phi_{56}^{6}\ \Phi_{28}^{6}\ \Phi_{16}^{8}\ \Phi_{14}^{8}\ \Phi_{8}^{8}\ \Phi_{7}^{7}\ \Phi_{4}^{8}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
30504	726	1404	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{109}{351}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
30505	726	174	$\frac{2}{29}$	$\frac{5}{58}$	$\frac{53}{174}$	$\frac{9}{29}$	$\Phi_{174}^{6}\ \Phi_{87}^{6}\ \Phi_{29}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
30506	726	145	$\frac{2}{29}$	$\frac{24}{145}$	$\frac{5}{29}$	$\frac{9}{29}$	$\Phi_{145}^{6}\ \Phi_{29}\ \Phi_{5}^{6}\ \Phi_{1}^{2}$
30507	726	1380	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{46}$
30508	726	105	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{105}^{10}\ \Phi_{35}^{2}\ \Phi_{21}^{10}\ \Phi_{15}^{6}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
30509	726	195	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{195}^{5}\ \Phi_{39}^{5}\ \Phi_{15}^{6}\ \Phi_{13}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
30510	726	420	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{105}\ \Phi_{84}^{3}\ \Phi_{70}^{2}\ \Phi_{42}^{3}\ \Phi_{35}^{2}\ \Phi_{28}^{3}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
30511	726	324	$\frac{1}{27}$	$\frac{13}{54}$	$\frac{1}{4}$	$\frac{41}{162}$	$\Phi_{324}^{4}\ \Phi_{162}^{2}\ \Phi_{108}\ \Phi_{81}^{2}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
30512	726	84	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{84}^{9}\ \Phi_{42}^{9}\ \Phi_{28}^{6}\ \Phi_{21}^{9}\ \Phi_{14}^{8}\ \Phi_{12}^{12}\ \Phi_{7}^{7}\ \Phi_{6}^{12}\ \Phi_{4}^{8}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
30513	726	280	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{40}$	$\frac{3}{14}$	$\Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{70}^{3}\ \Phi_{40}^{4}\ \Phi_{35}^{3}\ \Phi_{20}^{4}\ \Phi_{14}^{2}\ \Phi_{10}^{4}\ \Phi_{7}\ \Phi_{5}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
30514	727	972	$\frac{2}{243}$	$\frac{245}{972}$	$\frac{1}{3}$	$\frac{241}{486}$	$\Phi_{972}\ \Phi_{324}\ \Phi_{243}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
30515	727	1440	$\frac{7}{720}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{713}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
30516	727	1440	$\frac{7}{720}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{713}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{9}\ \Phi_{1}$
30517	727	1320	$\frac{1}{66}$	$\frac{67}{660}$	$\frac{593}{1320}$	$\frac{65}{132}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{44}\ \Phi_{40}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
30518	727	810	$\frac{2}{81}$	$\frac{83}{810}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{81}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
30519	727	1408	$\frac{23}{704}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{681}{1408}$	$\Phi_{1408}\ \Phi_{128}\ \Phi_{44}\ \Phi_{4}\ \Phi_{1}$
30520	727	1404	$\frac{25}{702}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{677}{1404}$	$\Phi_{1404}\ \Phi_{468}\ \Phi_{156}\ \Phi_{108}\ \Phi_{52}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
30521	727	1056	$\frac{1}{22}$	$\frac{23}{352}$	$\frac{329}{1056}$	$\frac{21}{44}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
30522	727	792	$\frac{1}{22}$	$\frac{65}{792}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
30523	727	880	$\frac{1}{22}$	$\frac{23}{176}$	$\frac{153}{880}$	$\frac{21}{44}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
30524	727	756	$\frac{29}{756}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
30525	727	1296	$\frac{2}{81}$	$\frac{79}{648}$	$\frac{1}{3}$	$\frac{569}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{81}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
30526	727	1080	$\frac{7}{360}$	$\frac{1}{6}$	$\frac{353}{1080}$	$\frac{5}{12}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
30527	727	744	$\frac{17}{744}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{744}\ \Phi_{372}\ \Phi_{248}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
30528	727	960	$\frac{7}{240}$	$\frac{1}{6}$	$\frac{233}{960}$	$\frac{5}{12}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
30529	727	756	$\frac{29}{756}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
30530	727	900	$\frac{7}{180}$	$\frac{1}{6}$	$\frac{173}{900}$	$\frac{5}{12}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
30531	727	864	$\frac{7}{144}$	$\frac{137}{864}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
30532	727	768	$\frac{41}{768}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
30533	727	840	$\frac{7}{120}$	$\frac{113}{840}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
30534	727	780	$\frac{53}{780}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
30535	727	792	$\frac{65}{792}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
30536	727	738	$\frac{11}{738}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{738}\ \Phi_{369}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_{9}\ \Phi_{1}$
30537	727	1188	$\frac{1}{66}$	$\frac{133}{594}$	$\frac{65}{198}$	$\frac{461}{1188}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
30538	727	1056	$\frac{1}{66}$	$\frac{65}{264}$	$\frac{329}{1056}$	$\frac{199}{528}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
30539	727	1080	$\frac{7}{360}$	$\frac{2}{9}$	$\frac{353}{1080}$	$\frac{1}{3}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
30540	727	1053	$\frac{25}{351}$	$\frac{2}{27}$	$\frac{326}{1053}$	$\frac{1}{3}$	$\Phi_{1053}\ \Phi_{81}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
30541	727	972	$\frac{2}{81}$	$\frac{79}{324}$	$\frac{245}{972}$	$\frac{1}{3}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{81}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
30542	727	756	$\frac{29}{756}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
30543	727	900	$\frac{7}{180}$	$\frac{173}{900}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{9}\ \Phi_{1}$
30544	727	864	$\frac{7}{144}$	$\frac{137}{864}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
30545	727	765	$\frac{38}{765}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}\ \Phi_{85}\ \Phi_{51}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
30546	727	810	$\frac{7}{90}$	$\frac{83}{810}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
30547	727	792	$\frac{65}{792}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
30548	728	543	$\frac{1}{181}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{90}{181}$	$\Phi_{543}\ \Phi_{181}^2\ \Phi_{3}^2\ \Phi_{1}^4$
30549	728	727	$\frac{5}{727}$	$\frac{183}{727}$	$\frac{272}{727}$	$\frac{361}{727}$	$\Phi_{727}\ \Phi_{1}^2$
30550	728	1095	$\frac{3}{365}$	$\frac{92}{365}$	$\frac{1}{3}$	$\frac{181}{365}$	$\Phi_{1095}\ \Phi_{219}\ \Phi_{15}$
30551	728	1236	$\frac{1}{103}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{51}{103}$	$\Phi_{1236}\ \Phi_{412}\ \Phi_{103}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
30552	728	927	$\frac{1}{103}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{51}{103}$	$\Phi_{927}\ \Phi_{103}\ \Phi_{9}^2\ \Phi_{1}^2$
30553	728	1260	$\frac{1}{90}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{89}{180}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
30554	728	180	$\frac{1}{90}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{89}{180}$	$\Phi_{180}^8\ \Phi_{60}^8\ \Phi_{36}^8\ \Phi_{20}^8\ \Phi_{15}\ \Phi_{12}^8\ \Phi_{4}^8$
30555	728	219	$\frac{1}{73}$	$\frac{37}{219}$	$\frac{1}{3}$	$\frac{36}{73}$	$\Phi_{219}^3\ \Phi_{73}^4\ \Phi_{3}^2\ \Phi_{1}^4$
30556	728	610	$\frac{1}{61}$	$\frac{1}{5}$	$\frac{31}{122}$	$\frac{30}{61}$	$\Phi_{610}^2\ \Phi_{305}\ \Phi_{10}^2$
30557	728	1320	$\frac{1}{55}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{27}{55}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{120}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{11}\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{1}^2$
30558	728	165	$\frac{1}{55}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{27}{55}$	$\Phi_{165}^4\ \Phi_{55}^5\ \Phi_{33}^4\ \Phi_{15}^5\ \Phi_{11}^5\ \Phi_{5}^6\ \Phi_{3}^4\ \Phi_{1}^6$
30559	728	990	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{27}{55}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{198}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{18}^2\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{1}^2$
30560	728	880	$\frac{1}{55}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{27}{55}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{176}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{1}^2$
30561	728	663	$\frac{1}{51}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{25}{51}$	$\Phi_{663}\ \Phi_{221}\ \Phi_{51}^2\ \Phi_{39}\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_{3}^2\ \Phi_{1}^4$
30562	728	408	$\frac{1}{51}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
30563	728	727	$\frac{15}{727}$	$\frac{53}{727}$	$\frac{337}{727}$	$\frac{356}{727}$	$\Phi_{727}\ \Phi_{1}^2$
30564	728	280	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{9}{35}$	$\frac{17}{35}$	$\Phi_{280}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{2}^2$
30565	728	1584	$\frac{3}{88}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{85}{176}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
30566	728	727	$\frac{25}{727}$	$\frac{77}{727}$	$\frac{188}{727}$	$\frac{351}{727}$	$\Phi_{727}\ \Phi_{1}^2$
30567	728	1095	$\frac{13}{365}$	$\frac{27}{365}$	$\frac{1}{3}$	$\frac{176}{365}$	$\Phi_{1095}\ \Phi_{219}\ \Phi_{15}$
30568	728	675	$\frac{1}{27}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{13}{27}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
30569	728	378	$\frac{1}{27}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{2}^2$
30570	728	135	$\frac{1}{27}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{27}$	$\Phi_{135}^5\ \Phi_{45}^5\ \Phi_{27}^6\ \Phi_{15}^7\ \Phi_{9}^6\ \Phi_{5}^6\ \Phi_{3}^8\ \Phi_{1}^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
30571	728	727	$\frac{27}{727}$	$\frac{29}{727}$	$\frac{349}{727}$	$\frac{350}{727}$	$\Phi_{727}\ \Phi_1^2$
30572	728	75	$\frac{1}{25}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{75}^9\ \Phi_{25}^{10}\ \Phi_{15}^{11}\ \Phi_5^{12}\ \Phi_3^{10}\ \Phi_1^{12}$
30573	728	225	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{12}{25}$	$\Phi_{225}^3\ \Phi_{75}^3\ \Phi_{45}^3\ \Phi_{25}^4\ \Phi_{15}^3\ \Phi_9^6\ \Phi_5^4\ \Phi_3^6\ \Phi_1^8$
30574	728	200	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{200}^4\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{40}^5\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4$
30575	728	504	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{11}{63}$	$\frac{10}{21}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
30576	728	266	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{266}^3\ \Phi_{133}^3\ \Phi_{38}^3\ \Phi_{14}^2\ \Phi_7^2\ \Phi_2^2$
30577	728	795	$\frac{3}{53}$	$\frac{1}{15}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{795}\ \Phi_{265}\ \Phi_{159}$
30578	728	727	$\frac{43}{727}$	$\frac{55}{727}$	$\frac{168}{727}$	$\frac{342}{727}$	$\Phi_{727}\ \Phi_1^2$
30579	728	392	$\frac{3}{49}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{23}{49}$	$\Phi_{392}^2\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
30580	728	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{7}{15}$	$\Phi_{120}^7\ \Phi_{60}^7\ \Phi_{40}^7\ \Phi_{30}^7\ \Phi_{24}^7\ \Phi_{20}^7\ \Phi_{12}^7\ \Phi_{10}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
30581	728	727	$\frac{41}{727}$	$\frac{49}{727}$	$\frac{194}{727}$	$\frac{339}{727}$	$\Phi_{727}\ \Phi_1^2$
30582	728	727	$\frac{49}{727}$	$\frac{90}{727}$	$\frac{97}{727}$	$\frac{339}{727}$	$\Phi_{727}\ \Phi_1^2$
30583	728	219	$\frac{3}{73}$	$\frac{5}{73}$	$\frac{1}{3}$	$\frac{34}{73}$	$\Phi_{219}^5\ \Phi_3^4$
30584	728	915	$\frac{13}{183}$	$\frac{14}{183}$	$\frac{1}{5}$	$\frac{85}{183}$	$\Phi_{915}\ \Phi_{305}\ \Phi_{15}$
30585	728	727	$\frac{38}{727}$	$\frac{53}{727}$	$\frac{195}{727}$	$\frac{337}{727}$	$\Phi_{727}\ \Phi_1^2$
30586	728	1095	$\frac{14}{365}$	$\frac{27}{365}$	$\frac{1}{3}$	$\frac{169}{365}$	$\Phi_{1095}\ \Phi_{219}\ \Phi_{15}$
30587	728	351	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{351}^2\ \Phi_{117}^2\ \Phi_{39}\ \Phi_{27}^4\ \Phi_{13}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
30588	728	221	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{4}{17}$	$\frac{6}{13}$	$\Phi_{221}^3\ \Phi_{17}^6\ \Phi_{13}^4\ \Phi_1^8$
30589	728	910	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{910}\ \Phi_{455}\ \Phi_{130}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{10}^2$
30590	728	696	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{696}^2\ \Phi_{232}^2\ \Phi_{87}$
30591	728	1320	$\frac{3}{55}$	$\frac{1}{12}$	$\frac{13}{55}$	$\frac{11}{24}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{120}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
30592	728	120	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{120}^{11}\ \Phi_{40}^{11}\ \Phi_{24}^{12}\ \Phi_{15}^4\ \Phi_8^{12}\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
30593	728	264	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{11}{24}$	$\Phi_{264}^5\ \Phi_{88}^5\ \Phi_{33}^2\ \Phi_{24}^6\ \Phi_{11}\ \Phi_8^6\ \Phi_3^2\ \Phi_1^2$
30594	728	1320	$\frac{1}{12}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{11}{24}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{120}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
30595	728	72	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{72}^{10}\ \Phi_{36}^{13}\ \Phi_{24}^7\ \Phi_{18}^{13}\ \Phi_{12}^9\ \Phi_9^{12}\ \Phi_8^6\ \Phi_6^9\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
30596	728	783	$\frac{1}{27}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{783}\ \Phi_{261}\ \Phi_{87}$
30597	728	727	$\frac{31}{727}$	$\frac{79}{727}$	$\frac{174}{727}$	$\frac{324}{727}$	$\Phi_{727}\ \Phi_1^2$
30598	728	522	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{522}^2\ \Phi_{261}\ \Phi_{174}^2\ \Phi_{87}\ \Phi_{58}^2$
30599	728	798	$\frac{1}{14}$	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{25}{57}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{266}\ \Phi_{133}\ \Phi_{114}\ \Phi_{42}\ \Phi_{38}\ \Phi_{21}\ \Phi_6$
30600	728	727	$\frac{48}{727}$	$\frac{97}{727}$	$\frac{103}{727}$	$\frac{315}{727}$	$\Phi_{727}\ \Phi_1^2$
30601	728	915	$\frac{8}{183}$	$\frac{25}{183}$	$\frac{1}{5}$	$\frac{79}{183}$	$\Phi_{915}\ \Phi_{305}\ \Phi_{15}$
30602	728	727	$\frac{20}{727}$	$\frac{101}{727}$	$\frac{207}{727}$	$\frac{313}{727}$	$\Phi_{727}\ \Phi_1^2$
30603	728	1095	$\frac{8}{365}$	$\frac{51}{365}$	$\frac{1}{3}$	$\frac{157}{365}$	$\Phi_{1095}\ \Phi_{219}\ \Phi_{15}$
30604	728	651	$\frac{2}{93}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{651}\ \Phi_{217}\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_7\ \Phi_1^2$
30605	728	945	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{44}{135}$	$\frac{3}{7}$	$\Phi_{945}\ \Phi_{189}\ \Phi_{135}^2\ \Phi_{27}^2\ \Phi_7\ \Phi_1^2$
30606	728	840	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{29}{120}$	$\frac{3}{7}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{84}\ \Phi_{60}^2\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
30607	728	665	$\frac{4}{95}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{665}\ \Phi_{133}\ \Phi_{95}^2\ \Phi_{19}^2\ \Phi_7\ \Phi_1^2$
30608	728	672	$\frac{5}{96}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}^2\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
30609	728	756	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{17}{108}$	$\frac{3}{7}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}^2\ \Phi_{84}\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
30610	728	105	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{105}^6\ \Phi_{35}^6\ \Phi_{21}^6\ \Phi_{15}^{12}\ \Phi_7^7\ \Phi_5^{12}\ \Phi_3^{12}\ \Phi_1^{14}$
30611	728	56	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{56}^{15}\ \Phi_{28}^{15}\ \Phi_{14}^7\ \Phi_8^{14}\ \Phi_7^8\ \Phi_4^{14}\ \Phi_2^6\ \Phi_1^8$
30612	728	693	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{99}^2\ \Phi_{77}\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_1^2$
30613	728	700	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{28}\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
30614	728	360	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{45}$	$\frac{19}{45}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^3\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
30615	728	636	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{636}^2\ \Phi_{212}^2\ \Phi_{159}$
30616	728	1236	$\frac{3}{103}$	$\frac{1}{6}$	$\frac{25}{103}$	$\frac{5}{12}$	$\Phi_{1236}\ \Phi_{412}\ \Phi_{103}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
30617	728	540	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{540}^3\ \Phi_{180}^3\ \Phi_{135}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{20}^2\ \Phi_{15}$
30618	728	1236	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1236}\ \Phi_{412}\ \Phi_{103}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
30619	728	252	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{252}^6\ \Phi_{126}\ \Phi_{84}^4\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}^3\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
30620	728	555	$\frac{3}{185}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{555}^2\ \Phi_{111}^2\ \Phi_{15}$
30621	728	530	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{530}^2\ \Phi_{265}\ \Phi_{106}^2$
30622	728	440	$\frac{3}{55}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{440}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{40}\ \Phi_{22}^2\ \Phi_{20}\ \Phi_{10}$
30623	728	727	$\frac{34}{727}$	$\frac{99}{727}$	$\frac{157}{727}$	$\frac{285}{727}$	$\Phi_{727}\ \Phi_1^2$
30624	728	798	$\frac{1}{14}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{266}\ \Phi_{133}\ \Phi_{114}\ \Phi_{42}\ \Phi_{38}\ \Phi_{21}\ \Phi_6$
30625	728	727	$\frac{51}{727}$	$\frac{64}{727}$	$\frac{169}{727}$	$\frac{279}{727}$	$\Phi_{727}\ \Phi_1^2$
30626	728	168	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{5}{21}$	$\frac{8}{21}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{24}^5\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^5\ \Phi_4^4\ \Phi_2^4$
30627	728	438	$\frac{1}{73}$	$\frac{18}{73}$	$\frac{1}{3}$	$\frac{55}{146}$	$\Phi_{438}^4\ \Phi_{219}\ \Phi_6^4$
30628	728	288	$\frac{5}{96}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^3\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
30629	728	414	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{414}^3\ \Phi_{207}\ \Phi_{138}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{18}^3\ \Phi_6^2\ \Phi_2^2$
30630	728	276	$\frac{1}{92}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{276}^3\ \Phi_{138}^3\ \Phi_{92}^2\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
30631	728	477	$\frac{1}{53}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{477}^2\ \Phi_{159}$
30632	728	465	$\frac{2}{93}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{465}^2\ \Phi_{155}^2\ \Phi_{15}$
30633	728	543	$\frac{6}{181}$	$\frac{25}{181}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{543}\ \Phi_{181}^2\ \Phi_3^2\ \Phi_1^4$
30634	728	435	$\frac{1}{29}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{435}^2\ \Phi_{145}^2\ \Phi_{87}$
30635	728	216	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{216}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{24}^3\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
30636	728	543	$\frac{12}{181}$	$\frac{13}{181}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{543}\ \Phi_{181}^2\ \Phi_3^2\ \Phi_1^4$
30637	728	210	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{42}^3\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{10}^4\ \Phi_7^2\ \Phi_6^3\ \Phi_2^2$
30638	728	135	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{44}{135}$	$\frac{1}{3}$	$\Phi_{135}^8\ \Phi_{27}^8\ \Phi_{15}$
30639	728	1224	$\frac{2}{51}$	$\frac{1}{8}$	$\frac{49}{153}$	$\frac{1}{3}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
30640	728	1134	$\frac{1}{14}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{162}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
30641	728	522	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{522}^2\ \Phi_{261}^2\ \Phi_{87}$
30642	728	375	$\frac{11}{375}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{375}^2\ \Phi_{125}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{15}$
30643	728	1392	$\frac{1}{29}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{87}$
30644	728	927	$\frac{3}{103}$	$\frac{2}{9}$	$\frac{25}{103}$	$\frac{1}{3}$	$\Phi_{927}\ \Phi_{103}\ \Phi_9^2\ \Phi_1^2$
30645	728	120	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{29}{120}$	$\frac{1}{3}$	$\Phi_{120}^8\ \Phi_{60}^8\ \Phi_{40}^8\ \Phi_{24}^8\ \Phi_{20}^8\ \Phi_{15}\ \Phi_{12}^8\ \Phi_8^8\ \Phi_4^8$
30646	728	165	$\frac{3}{55}$	$\frac{2}{15}$	$\frac{13}{55}$	$\frac{1}{3}$	$\Phi_{165}^4\ \Phi_{55}^5\ \Phi_{33}^4\ \Phi_{15}^5\ \Phi_{11}^5\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
30647	728	408	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{408}^3\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_6^4$
30648	728	219	$\frac{5}{73}$	$\frac{8}{73}$	$\frac{17}{73}$	$\frac{1}{3}$	$\Phi_{219}^5\ \Phi_3^4$
30649	728	135	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{135}^7\ \Phi_{45}^6\ \Phi_{15}^7\ \Phi_5^6$
30650	728	927	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{927}\ \Phi_{103}\ \Phi_9^2\ \Phi_1^2$
30651	728	126	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{126}^6\ \Phi_{63}^6\ \Phi_{42}^7\ \Phi_{21}^7\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_7^6\ \Phi_6^7\ \Phi_2^6$
30652	728	1095	$\frac{22}{365}$	$\frac{49}{365}$	$\frac{79}{365}$	$\frac{1}{3}$	$\Phi_{1095}\ \Phi_{219}\ \Phi_{15}$
30653	728	285	$\frac{4}{95}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{285}^4\ \Phi_{57}^4\ \Phi_{15}$
30654	728	225	$\frac{2}{45}$	$\frac{43}{225}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{225}^4\ \Phi_{75}^4\ \Phi_{25}^4\ \Phi_{15}$
30655	728	480	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{15}$
30656	728	540	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}$
30657	728	15	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{15}^{49}\ \Phi_5^{48}\ \Phi_3^{48}\ \Phi_1^{48}$
30658	728	840	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{60}\ \Phi_{15}$
30659	728	495	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{55}^2\ \Phi_{15}$
30660	728	405	$\frac{4}{45}$	$\frac{41}{405}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{405}^2\ \Phi_{135}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_{15}$
30661	728	300	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{75}^4\ \Phi_{60}^4\ \Phi_{15}\ \Phi_{12}^4$
30662	728	165	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{5}{33}$	$\frac{1}{3}$	$\Phi_{165}^5\ \Phi_{55}^5\ \Phi_{33}^2\ \Phi_{15}^6\ \Phi_{11}\ \Phi_5^6\ \Phi_3^2\ \Phi_1^2$
30663	728	165	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{165}^4\ \Phi_{55}^5\ \Phi_{33}^4\ \Phi_{15}^5\ \Phi_{11}^5\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
30664	728	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^2\ \Phi_{90}^3\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
30665	728	1080	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{31}{135}$	$\frac{14}{45}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{120}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
30666	728	396	$\frac{3}{44}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{99}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{36}^3\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
30667	728	600	$\frac{2}{25}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{23}{75}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6^2$
30668	728	1176	$\frac{6}{49}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{43}{147}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{294}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
30669	728	990	$\frac{3}{55}$	$\frac{1}{6}$	$\frac{13}{55}$	$\frac{5}{18}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{198}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
30670	728	90	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{90}^{11}\ \Phi_{45}^{11}\ \Phi_{18}^{12}\ \Phi_{15}^4\ \Phi_9^{12}\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
30671	728	198	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{198}^5\ \Phi_{99}^5\ \Phi_{33}^2\ \Phi_{18}^6\ \Phi_{11}\ \Phi_9^6\ \Phi_3^2\ \Phi_1^2$
30672	728	990	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{198}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
30673	728	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{72}^{11}\ \Phi_{36}^{11}\ \Phi_{24}^{13}\ \Phi_{18}^6\ \Phi_{12}^{13}\ \Phi_9^5\ \Phi_8^{12}\ \Phi_6^7\ \Phi_4^{12}\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
30674	728	266	$\frac{1}{14}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{266}^3\ \Phi_{133}^3\ \Phi_{38}^3\ \Phi_{14}^2\ \Phi_7^2\ \Phi_2^2$
30675	728	880	$\frac{3}{55}$	$\frac{3}{16}$	$\frac{13}{55}$	$\frac{1}{4}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{176}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
30676	728	240	$\frac{1}{15}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^3\ \Phi_{48}^4\ \Phi_{40}^3\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
30677	728	528	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}\ \Phi_{88}\ \Phi_{48}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_3^2\ \Phi_1^2$
30678	728	880	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{176}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
30679	728	144	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{144}^7\ \Phi_{72}^4\ \Phi_{48}^7\ \Phi_{36}^5\ \Phi_{24}^4\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^4\ \Phi_6^5\ \Phi_3^4$
30680	728	45	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{45}^{15}\ \Phi_{15}^{17}\ \Phi_9^{18}\ \Phi_5^{16}\ \Phi_3^{20}\ \Phi_1^{20}$
30681	728	120	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{120}^8\ \Phi_{60}^8\ \Phi_{40}^5\ \Phi_{30}^8\ \Phi_{24}^8\ \Phi_{20}^5\ \Phi_{12}^8\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^8\ \Phi_4^4\ \Phi_2^4$
30682	728	1000	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
30683	729	416	$\frac{1}{104}$	$\frac{35}{208}$	$\frac{173}{416}$	$\frac{103}{208}$	$\Phi_{416}^3\ \Phi_{208}\ \Phi_{32}^3\ \Phi_{16}\ \Phi_1$
30684	729	976	$\frac{3}{244}$	$\frac{1}{4}$	$\frac{247}{976}$	$\frac{241}{488}$	$\Phi_{976}\ \Phi_{244}\ \Phi_{122}\ \Phi_{61}\ \Phi_{16}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
30685	729	160	$\frac{1}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{79}{160}$	$\Phi_{160}^{9}\ \Phi_{32}^{9}\ \Phi_{16}\ \Phi_{1}$
30686	729	160	$\frac{1}{80}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{79}{160}$	$\Phi_{160}^{9}\ \Phi_{32}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
30687	729	448	$\frac{1}{56}$	$\frac{19}{224}$	$\frac{205}{448}$	$\frac{55}{112}$	$\Phi_{448}^{3}\ \Phi_{112}\ \Phi_{64}^{3}\ \Phi_{16}\ \Phi_{1}$
30688	729	112	$\frac{1}{56}$	$\frac{19}{112}$	$\frac{31}{112}$	$\frac{55}{112}$	$\Phi_{112}^{7}\ \Phi_{56}^{6}\ \Phi_{28}^{6}\ \Phi_{16}^{7}\ \Phi_{14}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
30689	729	896	$\frac{1}{56}$	$\frac{167}{896}$	$\frac{57}{224}$	$\frac{55}{112}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{128}\ \Phi_{112}\ \Phi_{64}\ \Phi_{16}\ \Phi_{1}$
30690	729	476	$\frac{5}{238}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{233}{476}$	$\Phi_{476}^{3}\ \Phi_{68}^{3}\ \Phi_{28}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
30691	729	980	$\frac{6}{245}$	$\frac{1}{7}$	$\frac{251}{980}$	$\frac{239}{490}$	$\Phi_{980}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{49}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
30692	729	1408	$\frac{25}{704}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{679}{1408}$	$\Phi_{1408}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
30693	729	52	$\frac{1}{26}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{25}{52}$	$\Phi_{52}^{2}\ \Phi_{26}^{26}\ \Phi_{13}^{26}\ \Phi_{4}^{2}\ \Phi_{2}^{26}\ \Phi_{1}^{27}$
30694	729	52	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{25}{52}$	$\Phi_{52}^{27}\ \Phi_{13}^{2}\ \Phi_{4}^{27}\ \Phi_{1}^{3}$
30695	729	260	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{260}^{2}\ \Phi_{130}^{4}\ \Phi_{65}^{4}\ \Phi_{52}\ \Phi_{26}^{2}\ \Phi_{20}^{4}\ \Phi_{13}^{2}\ \Phi_{10}^{5}\ \Phi_{5}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
30696	729	52	$\frac{1}{26}$	$\frac{7}{52}$	$\frac{5}{26}$	$\frac{25}{52}$	$\Phi_{52}^{12}\ \Phi_{26}^{16}\ \Phi_{13}^{16}\ \Phi_{4}^{12}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
30697	729	98	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{17}{98}$	$\frac{47}{98}$	$\Phi_{98}^{6}\ \Phi_{49}^{9}\ \Phi_{14}^{6}\ \Phi_{7}^{8}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
30698	729	1400	$\frac{29}{700}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{671}{1400}$	$\Phi_{1400}\ \Phi_{280}\ \Phi_{200}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
30699	729	988	$\frac{12}{247}$	$\frac{1}{13}$	$\frac{259}{988}$	$\frac{235}{494}$	$\Phi_{988}\ \Phi_{247}\ \Phi_{76}\ \Phi_{52}\ \Phi_{19}\ \Phi_{4}\ \Phi_{1}$
30700	729	280	$\frac{2}{35}$	$\frac{37}{280}$	$\frac{1}{7}$	$\frac{33}{70}$	$\Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{56}^{3}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{3}\ \Phi_{20}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
30701	729	1372	$\frac{43}{686}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{643}{1372}$	$\Phi_{1372}\ \Phi_{196}\ \Phi_{49}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
30702	729	448	$\frac{1}{28}$	$\frac{19}{224}$	$\frac{9}{28}$	$\frac{205}{448}$	$\Phi_{448}^{3}\ \Phi_{64}^{3}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
30703	729	49	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{22}{49}$	$\Phi_{49}^{15}\ \Phi_{7}^{14}\ \Phi_{1}^{15}$
30704	729	112	$\frac{1}{28}$	$\frac{3}{28}$	$\frac{31}{112}$	$\frac{25}{56}$	$\Phi_{112}^{9}\ \Phi_{28}^{8}\ \Phi_{16}^{9}\ \Phi_{14}^{8}\ \Phi_{7}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
30705	729	784	$\frac{55}{784}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{112}\ \Phi_{56}\ \Phi_{49}\ \Phi_{28}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
30706	729	80	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{13}{40}$	$\frac{7}{16}$	$\Phi_{80}^{16}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{17}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
30707	729	112	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{112}^{12}\ \Phi_{28}^{3}\ \Phi_{16}^{9}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
30708	729	320	$\frac{3}{80}$	$\frac{1}{8}$	$\frac{77}{320}$	$\frac{7}{16}$	$\Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}\ \Phi_{1}$
30709	729	1360	$\frac{4}{85}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{1360}\ \Phi_{272}\ \Phi_{85}\ \Phi_{17}\ \Phi_{16}\ \Phi_{1}$
30710	729	400	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{19}{100}$	$\frac{7}{16}$	$\Phi_{400}^{4}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_{1}$
30711	729	256	$\frac{13}{256}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{256}^{3}\ \Phi_{128}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}\ \Phi_{1}$
30712	729	32	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{7}{16}$	$\Phi_{32}^{27}\ \Phi_{16}^{19}\ \Phi_{8}^{18}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
30713	729	176	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{176}^{8}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
30714	729	800	$\frac{71}{800}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_{1}$
30715	729	80	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{80}^{16}\ \Phi_{16}^{17}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
30716	729	140	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{59}{140}$	$\Phi_{140}^{9}\ \Phi_{35}^{3}\ \Phi_{28}^{9}\ \Phi_{20}^{9}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{9}\ \Phi_{1}^{3}$
30717	729	416	$\frac{1}{52}$	$\frac{35}{208}$	$\frac{17}{52}$	$\frac{173}{416}$	$\Phi_{416}^{3}\ \Phi_{52}^{2}\ \Phi_{32}^{3}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
30718	729	770	$\frac{41}{770}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{770}\ \Phi_{385}\ \Phi_{154}\ \Phi_{110}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}\ \Phi_{22}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}$
30719	729	1040	$\frac{1}{52}$	$\frac{51}{260}$	$\frac{311}{1040}$	$\frac{209}{520}$	$\Phi_{1040}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
30720	729	256	$\frac{13}{256}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{256}^{3}\ \Phi_{128}^{3}\ \Phi_{64}^{2}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
30721	729	392	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{47}{196}$	$\frac{149}{392}$	$\Phi_{392}^{3}\ \Phi_{56}^{3}\ \Phi_{49}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
30722	729	248	$\frac{5}{248}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{248}^{3}\ \Phi_{124}^{3}\ \Phi_{62}^{3}\ \Phi_{31}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
30723	729	224	$\frac{1}{28}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{224}^{4}\ \Phi_{112}^{4}\ \Phi_{32}^{3}\ \Phi_{28}^{3}\ \Phi_{16}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
30724	729	28	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{28}^{27}\ \Phi_{14}^{24}\ \Phi_{7}^{26}\ \Phi_{4}^{27}\ \Phi_{2}^{24}\ \Phi_{1}^{27}$
30725	729	260	$\frac{17}{260}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{65}^{3}\ \Phi_{52}^{3}\ \Phi_{20}^{3}\ \Phi_{13}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
30726	729	91	$\frac{4}{91}$	$\frac{10}{91}$	$\frac{29}{91}$	$\frac{31}{91}$	$\Phi_{91}^{8}\ \Phi_{13}^{8}\ \Phi_{7}^{8}\ \Phi_{1}^{9}$
30727	729	368	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{59}{184}$	$\frac{125}{368}$	$\Phi_{368}^{3}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}^{3}\ \Phi_{1}$
30728	729	280	$\frac{1}{28}$	$\frac{37}{280}$	$\frac{9}{28}$	$\frac{19}{56}$	$\Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{70}^{3}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{2}\ \Phi_{20}^{3}\ \Phi_{14}^{2}\ \Phi_{10}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
30729	729	104	$\frac{1}{52}$	$\frac{23}{104}$	$\frac{17}{52}$	$\frac{35}{104}$	$\Phi_{104}^{6}\ \Phi_{52}^{8}\ \Phi_{26}^{8}\ \Phi_{13}^{8}\ \Phi_{8}^{6}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
30730	729	244	$\frac{1}{61}$	$\frac{1}{4}$	$\frac{20}{61}$	$\frac{41}{122}$	$\Phi_{244}^{4}\ \Phi_{122}\ \Phi_{61}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
30731	729	364	$\frac{1}{91}$	$\frac{30}{91}$	$\frac{121}{364}$	$\frac{61}{182}$	$\Phi_{364}^{3}\ \Phi_{91}^{2}\ \Phi_{52}^{3}\ \Phi_{28}^{3}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
30732	729	40	$\frac{1}{40}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{13}{40}$	$\Phi_{40}^{18}\ \Phi_{20}^{18}\ \Phi_{10}^{18}\ \Phi_{8}^{18}\ \Phi_{5}^{18}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
30733	729	182	$\frac{5}{182}$	$\frac{41}{182}$	$\frac{47}{182}$	$\frac{59}{182}$	$\Phi_{182}^{4}\ \Phi_{91}^{4}\ \Phi_{26}^{4}\ \Phi_{14}^{4}\ \Phi_{13}^{4}\ \Phi_{7}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
30734	729	244	$\frac{7}{244}$	$\frac{55}{244}$	$\frac{1}{4}$	$\frac{79}{244}$	$\Phi_{244}^{3}\ \Phi_{122}^{3}\ \Phi_{61}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
30735	729	112	$\frac{1}{28}$	$\frac{19}{112}$	$\frac{31}{112}$	$\frac{9}{28}$	$\Phi_{112}^{6}\ \Phi_{56}^{6}\ \Phi_{28}^{8}\ \Phi_{16}^{6}\ \Phi_{14}^{8}\ \Phi_{8}^{6}\ \Phi_{7}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
30736	729	119	$\frac{5}{119}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{38}{119}$	$\Phi_{119}^{6}\ \Phi_{17}^{6}\ \Phi_{7}^{8}\ \Phi_{1}^{9}$
30737	729	35	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{8}{35}$	$\frac{11}{35}$	$\Phi_{35}^{21}\ \Phi_{7}^{20}\ \Phi_{5}^{21}\ \Phi_{1}^{21}$
30738	729	352	$\frac{25}{352}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{109}{352}$	$\Phi_{352}^{2}\ \Phi_{176}^{2}\ \Phi_{88}^{2}\ \Phi_{44}^{2}\ \Phi_{32}^{3}\ \Phi_{22}^{2}\ \Phi_{16}^{3}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
30739	729	13	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{4}{13}$	$\Phi_{13}^{56}\ \Phi_{1}^{57}$
30740	729	260	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{260}^{4}\ \Phi_{130}^{2}\ \Phi_{65}^{2}\ \Phi_{52}^{2}\ \Phi_{20}^{6}\ \Phi_{13}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
30741	729	91	$\frac{1}{13}$	$\frac{10}{91}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{91}^{9}\ \Phi_{13}^{2}\ \Phi_{7}^{9}\ \Phi_{1}^{3}$
30742	729	104	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{104}$	$\frac{4}{13}$	$\Phi_{104}^{9}\ \Phi_{52}^{9}\ \Phi_{13}^{2}\ \Phi_{8}^{9}\ \Phi_{4}^{9}\ \Phi_{1}^{3}$
30743	729	350	$\frac{29}{350}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{107}{350}$	$\Phi_{350}^{2}\ \Phi_{175}^{2}\ \Phi_{70}^{2}\ \Phi_{50}^{2}\ \Phi_{35}^{3}\ \Phi_{25}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
30744	729	410	$\frac{7}{82}$	$\frac{1}{10}$	$\frac{19}{82}$	$\frac{25}{82}$	$\Phi_{410}^{2}\ \Phi_{205}^{2}\ \Phi_{82}\ \Phi_{41}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
30745	729	364	$\frac{31}{364}$	$\frac{37}{364}$	$\frac{85}{364}$	$\frac{109}{364}$	$\Phi_{364}^{2}\ \Phi_{182}^{2}\ \Phi_{91}^{2}\ \Phi_{52}^{2}\ \Phi_{28}^{2}\ \Phi_{26}^{2}\ \Phi_{14}^{2}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
30746	729	244	$\frac{19}{244}$	$\frac{25}{244}$	$\frac{1}{4}$	$\frac{73}{244}$	$\Phi_{244}^{3}\ \Phi_{122}^{3}\ \Phi_{61}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
30747	729	343	$\frac{6}{49}$	$\frac{43}{343}$	$\frac{1}{7}$	$\frac{100}{343}$	$\Phi_{343}^{2}\ \Phi_{49}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
30748	729	91	$\frac{10}{91}$	$\frac{11}{91}$	$\frac{16}{91}$	$\frac{25}{91}$	$\Phi_{91}^{8}\ \Phi_{13}^{8}\ \Phi_{7}^{8}\ \Phi_{1}^{9}$
30749	729	28	$\frac{1}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{28}^{27}\ \Phi_{14}^{27}\ \Phi_{7}^{27}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
30750	729	320	$\frac{3}{80}$	$\frac{77}{320}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
30751	729	340	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{340}^{2}\ \Phi_{170}^{2}\ \Phi_{85}^{3}\ \Phi_{68}^{2}\ \Phi_{34}^{2}\ \Phi_{17}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
30752	729	100	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{100}^{9}\ \Phi_{50}^{9}\ \Phi_{25}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
30753	729	256	$\frac{13}{256}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{256}^{3}\ \Phi_{128}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
30754	729	32	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{32}^{27}\ \Phi_{16}^{18}\ \Phi_{8}^{18}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
30755	729	260	$\frac{17}{260}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{65}^{3}\ \Phi_{52}^{3}\ \Phi_{26}^{3}\ \Phi_{13}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
30756	729	280	$\frac{3}{40}$	$\frac{37}{280}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{70}^{3}\ \Phi_{56}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
30757	729	88	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{88}^{9}\ \Phi_{44}^{9}\ \Phi_{22}^{9}\ \Phi_{11}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
30758	729	20	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{20}^{32}\ \Phi_{10}^{40}\ \Phi_{5}^{40}\ \Phi_{4}^{34}\ \Phi_{2}^{42}\ \Phi_{1}^{43}$
30759	729	280	$\frac{37}{280}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{140}$	$\Phi_{280}^{3}\ \Phi_{140}^{2}\ \Phi_{70}^{2}\ \Phi_{56}^{3}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
30760	729	875	$\frac{1}{7}$	$\frac{29}{175}$	$\frac{146}{875}$	$\frac{6}{35}$	$\Phi_{875}\ \Phi_{125}\ \Phi_{35}\ \Phi_{5}\ \Phi_{1}$
30761	730	726	$\frac{2}{363}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{361}{726}$	$\Phi_{726}^{2}\ \Phi_{242}^{2}\ \Phi_{66}^{2}\ \Phi_{22}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
30762	730	1160	$\frac{1}{145}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{72}{145}$	$\Phi_{1160}\ \Phi_{232}\ \Phi_{145}\ \Phi_{40}\ \Phi_{29}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
30763	730	1464	$\frac{1}{122}$	$\frac{123}{488}$	$\frac{1}{3}$	$\frac{121}{244}$	$\Phi_{1464}\ \Phi_{366}\ \Phi_{183}\ \Phi_{24}\ \Phi_6$
30764	730	648	$\frac{1}{81}$	$\frac{41}{324}$	$\frac{283}{648}$	$\frac{40}{81}$	$\Phi_{648}^2\ \Phi_{216}^2\ \Phi_{81}\ \Phi_{72}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
30765	730	486	$\frac{1}{81}$	$\frac{121}{486}$	$\frac{41}{162}$	$\frac{40}{81}$	$\Phi_{486}^2\ \Phi_{243}^2\ \Phi_{81}\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
30766	730	144	$\frac{1}{72}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{71}{144}$	$\Phi_{144}^{10}\ \Phi_{48}^{10}\ \Phi_{16}^{10}\ \Phi_9\ \Phi_3\ \Phi_1^2$
30767	730	144	$\frac{1}{72}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{71}{144}$	$\Phi_{144}^{10}\ \Phi_{48}^{10}\ \Phi_{16}^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
30768	730	294	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{25}{98}$	$\frac{24}{49}$	$\Phi_{294}^3\ \Phi_{147}^3\ \Phi_{98}\ \Phi_{49}^2\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{14}\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
30769	730	702	$\frac{1}{27}$	$\frac{14}{351}$	$\frac{337}{702}$	$\frac{13}{27}$	$\Phi_{702}^2\ \Phi_{234}^2\ \Phi_{78}^2\ \Phi_{54}^2\ \Phi_{27}\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
30770	730	420	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{67}{140}$	$\Phi_{420}^4\ \Phi_{140}^2\ \Phi_{84}^4\ \Phi_{60}^4\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{12}^4\ \Phi_4^2$
30771	730	84	$\frac{1}{21}$	$\frac{11}{84}$	$\frac{1}{6}$	$\frac{10}{21}$	$\Phi_{84}^{10}\ \Phi_{42}^7\ \Phi_{28}^{10}\ \Phi_{21}^8\ \Phi_{14}^7\ \Phi_{12}^{10}\ \Phi_7^8\ \Phi_6^6\ \Phi_4^{10}\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
30772	730	135	$\frac{2}{27}$	$\frac{11}{135}$	$\frac{5}{27}$	$\frac{62}{135}$	$\Phi_{135}^5\ \Phi_{45}^5\ \Phi_{27}^7\ \Phi_{15}^5\ \Phi_9^7\ \Phi_5^5\ \Phi_3^7\ \Phi_1^8$
30773	730	225	$\frac{2}{75}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{225}^3\ \Phi_{75}^4\ \Phi_{45}^3\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_9\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
30774	730	108	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{35}{108}$	$\frac{4}{9}$	$\Phi_{108}^{10}\ \Phi_{54}^{10}\ \Phi_{27}^{10}\ \Phi_9\ \Phi_3\ \Phi_1^2$
30775	730	378	$\frac{13}{378}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
30776	730	684	$\frac{3}{76}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
30777	730	288	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{23}{96}$	$\frac{4}{9}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{16}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
30778	730	90	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{17}{90}$	$\frac{4}{9}$	$\Phi_{90}^{10}\ \Phi_{45}^{10}\ \Phi_{30}^{10}\ \Phi_{15}^{10}\ \Phi_{10}^{10}\ \Phi_9\ \Phi_5^{10}\ \Phi_3\ \Phi_1^2$
30779	730	234	$\frac{5}{78}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{234}^3\ \Phi_{117}^3\ \Phi_{78}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
30780	730	432	$\frac{5}{72}$	$\frac{1}{9}$	$\frac{67}{432}$	$\frac{4}{9}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{27}^2\ \Phi_{16}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
30781	730	396	$\frac{31}{396}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
30782	730	252	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{84}$	$\frac{4}{9}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}^4\ \Phi_{63}^3\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_9\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
30783	730	720	$\frac{7}{80}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
30784	730	81	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{81}^{10}\ \Phi_{27}^{10}\ \Phi_9\ \Phi_3\ \Phi_1^2$
30785	730	648	$\frac{1}{27}$	$\frac{41}{324}$	$\frac{13}{54}$	$\frac{283}{648}$	$\Phi_{648}^2\ \Phi_{216}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
30786	730	462	$\frac{4}{77}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{66}^2\ \Phi_{42}\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{14}$
30787	730	126	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{1}{6}$	$\frac{53}{126}$	$\Phi_{126}^4\ \Phi_{63}^6\ \Phi_{42}^7\ \Phi_{21}^8\ \Phi_{18}^4\ \Phi_{14}^7\ \Phi_9^6\ \Phi_7^8\ \Phi_6^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
30788	730	372	$\frac{7}{372}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{372}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
30789	730	81	$\frac{2}{27}$	$\frac{8}{81}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{81}^{10}\ \Phi_{27}^7\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
30790	730	366	$\frac{1}{61}$	$\frac{12}{61}$	$\frac{1}{3}$	$\frac{49}{122}$	$\Phi_{366}^5\ \Phi_{183}\ \Phi_6^5$
30791	730	432	$\frac{1}{27}$	$\frac{67}{432}$	$\frac{13}{54}$	$\frac{41}{108}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
30792	730	888	$\frac{1}{74}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{888}^2\ \Phi_{222}\ \Phi_{111}\ \Phi_{24}\ \Phi_6$
30793	730	600	$\frac{2}{75}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{600}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{75}^2\ \Phi_{40}\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
30794	730	696	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{696}^2\ \Phi_{232}\ \Phi_{87}^2\ \Phi_{29}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_3^2\ \Phi_1^2$
30795	730	567	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{163}{567}$	$\frac{202}{567}$	$\Phi_{567}\ \Phi_{189}^2\ \Phi_{81}\ \Phi_{63}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
30796	730	549	$\frac{2}{183}$	$\frac{181}{549}$	$\frac{1}{3}$	$\frac{184}{549}$	$\Phi_{549}\ \Phi_{183}^2\ \Phi_{61}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
30797	730	150	$\frac{2}{75}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{150}^6\ \Phi_{75}^4\ \Phi_{50}^6\ \Phi_{30}^6\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
30798	730	396	$\frac{2}{33}$	$\frac{31}{396}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
30799	730	108	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{35}{108}$	$\frac{1}{3}$	$\Phi_{108}^{10}\ \Phi_{54}^{10}\ \Phi_{27}^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
30800	730	378	$\frac{13}{378}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
30801	730	228	$\frac{3}{76}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^3\ \Phi_{114}^3\ \Phi_{76}^4\ \Phi_{57}^3\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
30802	730	96	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{23}{96}$	$\frac{1}{3}$	$\Phi_{96}^{10}\ \Phi_{48}^{10}\ \Phi_{32}^{10}\ \Phi_{16}^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
30803	730	306	$\frac{7}{153}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{306}^3\ \Phi_{153}^2\ \Phi_{102}^3\ \Phi_{51}^2\ \Phi_{34}^3\ \Phi_{17}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
30804	730	384	$\frac{19}{384}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
30805	730	90	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{17}{90}$	$\frac{1}{3}$	$\Phi_{90}^{10}\ \Phi_{45}^{10}\ \Phi_{30}^{10}\ \Phi_{15}^{10}\ \Phi_{10}^{10}\ \Phi_6^2\ \Phi_5^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
30806	730	78	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{78}^{10}\ \Phi_{39}^{10}\ \Phi_{26}^{10}\ \Phi_{13}^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
30807	730	432	$\frac{5}{72}$	$\frac{67}{432}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{27}^2\ \Phi_{16}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
30808	730	396	$\frac{31}{396}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
30809	730	84	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{84}^{10}\ \Phi_{42}^{10}\ \Phi_{28}^{10}\ \Phi_{21}^{10}\ \Phi_{14}^{10}\ \Phi_7^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
30810	730	240	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^4\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
30811	730	162	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{162}^6\ \Phi_{81}^4\ \Phi_{54}^6\ \Phi_{27}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
30812	730	378	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{43}{189}$	$\frac{20}{63}$	$\Phi_{378}^3\ \Phi_{189}^2\ \Phi_{54}^3\ \Phi_{42}^3\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
30813	730	210	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{32}{105}$	$\Phi_{210}^4\ \Phi_{105}^2\ \Phi_{70}^4\ \Phi_{42}^5\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_{14}^5\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
30814	730	81	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{81}^{10}\ \Phi_{27}^6\ \Phi_9^9\ \Phi_3^9\ \Phi_1^{10}$
30815	730	486	$\frac{1}{27}$	$\frac{13}{54}$	$\frac{121}{486}$	$\frac{41}{162}$	$\Phi_{486}^2\ \Phi_{243}^2\ \Phi_{54}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
30816	730	84	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{84}^{10}\ \Phi_{42}^7\ \Phi_{28}^{10}\ \Phi_{21}^7\ \Phi_{14}^9\ \Phi_{12}^{10}\ \Phi_7^8\ \Phi_6^6\ \Phi_4^{10}\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
30817	730	1050	$\frac{1}{7}$	$\frac{29}{175}$	$\frac{1}{6}$	$\frac{6}{35}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
30818	731	1168	$\frac{1}{146}$	$\frac{147}{584}$	$\frac{437}{1168}$	$\frac{145}{292}$	$\Phi_{1168}\ \Phi_{292}\ \Phi_{16}\ \Phi_4\ \Phi_1$
30819	731	1440	$\frac{11}{720}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{709}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{20}\ \Phi_4\ \Phi_1$
30820	731	1440	$\frac{11}{720}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{709}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{15}\ \Phi_3\ \Phi_1$
30821	731	980	$\frac{4}{245}$	$\frac{1}{5}$	$\frac{249}{980}$	$\frac{241}{490}$	$\Phi_{980}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{49}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_4\ \Phi_1$
30822	731	672	$\frac{1}{42}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{41}{84}$	$\Phi_{672}^2\ \Phi_{224}^2\ \Phi_{96}^2\ \Phi_{84}\ \Phi_{32}^3\ \Phi_{28}\ \Phi_{12}\ \Phi_4\ \Phi_1$
30823	731	168	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{41}{84}$	$\Phi_{168}^4\ \Phi_{84}^5\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{28}^5\ \Phi_{24}^5\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^6\ \Phi_8^4\ \Phi_7^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
30824	731	420	$\frac{1}{42}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{41}{84}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
30825	731	840	$\frac{4}{105}$	$\frac{109}{840}$	$\frac{1}{5}$	$\frac{101}{210}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_3\ \Phi_1$
30826	731	1400	$\frac{31}{700}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{669}{1400}$	$\Phi_{1400}\ \Phi_{280}\ \Phi_{200}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_8\ \Phi_7\ \Phi_1$
30827	731	1440	$\frac{2}{45}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{45}\ \Phi_{32}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
30828	731	2016	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{20}{63}$	$\frac{15}{32}$	$\Phi_{2016}\ \Phi_{288}\ \Phi_{63}\ \Phi_{32}\ \Phi_9\ \Phi_1$
30829	731	224	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{15}{32}$	$\Phi_{224}^6\ \Phi_{56}\ \Phi_{32}^7\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
30830	731	96	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{96}^{14}\ \Phi_{48}\ \Phi_{32}^{15}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
30831	731	1568	$\frac{1}{16}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{1568}\ \Phi_{49}\ \Phi_{32}\ \Phi_1$
30832	731	720	$\frac{1}{18}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
30833	731	1080	$\frac{11}{360}$	$\frac{1}{10}$	$\frac{349}{1080}$	$\frac{9}{20}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{20}\ \Phi_4\ \Phi_1$
30834	731	760	$\frac{29}{760}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_4\ \Phi_1$
30835	731	960	$\frac{11}{240}$	$\frac{1}{10}$	$\frac{229}{960}$	$\frac{9}{20}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
30836	731	900	$\frac{11}{180}$	$\frac{1}{10}$	$\frac{169}{900}$	$\frac{9}{20}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
30837	731	780	$\frac{49}{780}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_4\ \Phi_1$
30838	731	800	$\frac{69}{800}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
30839	731	840	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{109}{840}$	$\frac{9}{20}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
30840	731	770	$\frac{39}{770}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{770}\ \Phi_{385}\ \Phi_{154}\ \Phi_{110}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}\ \Phi_{22}\ \Phi_{11}\ \Phi_7\ \Phi_1$
30841	731	660	$\frac{1}{44}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{110}\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
30842	731	1260	$\frac{4}{105}$	$\frac{101}{630}$	$\frac{1}{5}$	$\frac{529}{1260}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_3\ \Phi_1$
30843	731	264	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{264}^4\ \Phi_{132}^2\ \Phi_{88}^4\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{24}^3\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
30844	731	144	$\frac{1}{18}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{144}^6\ \Phi_{72}^4\ \Phi_{48}^5\ \Phi_{36}^6\ \Phi_{24}^3\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
30845	731	750	$\frac{19}{750}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{750}\ \Phi_{375}\ \Phi_{250}\ \Phi_{150}\ \Phi_{125}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
30846	731	198	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{198}^4\ \Phi_{99}^4\ \Phi_{66}^3\ \Phi_{33}^4\ \Phi_{22}^3\ \Phi_{18}^3\ \Phi_{11}^3\ \Phi_9^3\ \Phi_6^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
30847	731	360	$\frac{2}{45}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}\ \Phi_{10}^2\ \Phi_9^3\ \Phi_6\ \Phi_5^3\ \Phi_3\ \Phi_1$
30848	731	180	$\frac{2}{45}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^3\ \Phi_{45}^5\ \Phi_{36}^4\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
30849	731	1080	$\frac{11}{360}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{349}{1080}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{15}\ \Phi_3\ \Phi_1$
30850	731	945	$\frac{4}{105}$	$\frac{1}{5}$	$\frac{214}{945}$	$\frac{101}{315}$	$\Phi_{945}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_3\ \Phi_1$
30851	731	504	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{20}{63}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}^3\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
30852	731	1260	$\frac{1}{21}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{20}{63}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{180}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{20}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
30853	731	1050	$\frac{31}{350}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{319}{1050}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{210}\ \Phi_{150}\ \Phi_{105}\ \Phi_{75}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
30854	731	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{56}$	$\frac{7}{24}$	$\Phi_{168}^6\ \Phi_{84}^6\ \Phi_{56}\ \Phi_{42}^6\ \Phi_{28}\ \Phi_{24}^7\ \Phi_{21}^6\ \Phi_{12}^7\ \Phi_8\ \Phi_6^7\ \Phi_4\ \Phi_3^7\ \Phi_1$
30855	731	48	$\frac{5}{48}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{48}^{17}\ \Phi_{24}^{14}\ \Phi_{16}^{17}\ \Phi_{12}^{14}\ \Phi_8^{13}\ \Phi_6^{13}\ \Phi_4^{13}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
30856	731	1176	$\frac{6}{49}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{294}\ \Phi_{147}\ \Phi_{49}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
30857	731	180	$\frac{1}{18}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^3\ \Phi_{45}^4\ \Phi_{36}^6\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{18}^5\ \Phi_{15}^3\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_9^5\ \Phi_6^4\ \Phi_5^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
30858	731	45	$\frac{2}{45}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{45}^{16}\ \Phi_{15}^{17}\ \Phi_9^{16}\ \Phi_5^{16}\ \Phi_3^{17}\ \Phi_1^{17}$
30859	731	960	$\frac{11}{240}$	$\frac{1}{5}$	$\frac{229}{960}$	$\frac{4}{15}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{15}\ \Phi_3\ \Phi_1$
30860	731	900	$\frac{11}{180}$	$\frac{169}{900}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
30861	731	780	$\frac{49}{780}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_3\ \Phi_1$
30862	731	840	$\frac{11}{120}$	$\frac{109}{840}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_7\ \Phi_3\ \Phi_1$
30863	731	810	$\frac{79}{810}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{15}\ \Phi_3\ \Phi_1$
30864	731	280	$\frac{1}{14}$	$\frac{3}{20}$	$\frac{13}{56}$	$\frac{1}{4}$	$\Phi_{280}^4\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}\ \Phi_{40}^4\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8\ \Phi_5^3\ \Phi_4\ \Phi_1$
30865	731	240	$\frac{5}{48}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^4\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^3\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_8\ \Phi_5^3\ \Phi_4\ \Phi_1$
30866	731	980	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{49}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
30867	731	840	$\frac{4}{35}$	$\frac{109}{840}$	$\frac{1}{5}$	$\frac{31}{140}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
30868	731	875	$\frac{4}{35}$	$\frac{144}{875}$	$\frac{31}{175}$	$\frac{1}{5}$	$\Phi_{875}\ \Phi_{125}\ \Phi_{35}\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
30869	732	1092	$\frac{1}{182}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{181}{364}$	$\Phi_{1092}\ \Phi_{364}^2\ \Phi_{156}\ \Phi_{84}\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
30870	732	605	$\frac{1}{121}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{60}{121}$	$\Phi_{605}\ \Phi_{121}^2\ \Phi_{55}\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
30871	732	1452	$\frac{1}{121}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{60}{121}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{132}\ \Phi_{66}\ \Phi_{12}^2\ \Phi_6^2$
30872	732	731	$\frac{7}{731}$	$\frac{123}{731}$	$\frac{304}{731}$	$\frac{362}{731}$	$\Phi_{731}\ \Phi_{43}\ \Phi_{17}\ \Phi_1^2$
30873	732	980	$\frac{3}{245}$	$\frac{1}{4}$	$\frac{62}{245}$	$\frac{121}{245}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{70}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
30874	732	731	$\frac{9}{731}$	$\frac{182}{731}$	$\frac{185}{731}$	$\frac{361}{731}$	$\Phi_{731}\ \Phi_{43}\ \Phi_{17}\ \Phi_1^2$
30875	732	1101	$\frac{5}{367}$	$\frac{62}{367}$	$\frac{1}{3}$	$\frac{181}{367}$	Φ_{1101}
30876	732	1320	$\frac{1}{60}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{59}{120}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{120}^2\ \Phi_{88}\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
30877	732	840	$\frac{1}{60}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{59}{120}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{56}^2\ \Phi_{21}$
30878	732	1320	$\frac{1}{60}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{59}{120}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{120}^2\ \Phi_{88}\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
30879	732	120	$\frac{1}{60}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{59}{120}$	$\Phi_{120}^{12}\ \Phi_{40}^{12}\ \Phi_{24}^{12}\ \Phi_{20}\ \Phi_{10}\ \Phi_8^{12}$
30880	732	588	$\frac{1}{49}$	$\frac{25}{147}$	$\frac{1}{4}$	$\frac{24}{49}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}\ \Phi_{98}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_6^2$
30881	732	344	$\frac{1}{43}$	$\frac{11}{172}$	$\frac{161}{344}$	$\frac{21}{43}$	$\Phi_{344}^4\ \Phi_{43}\ \Phi_8^4\ \Phi_1^2$
30882	732	86	$\frac{1}{43}$	$\frac{11}{86}$	$\frac{25}{86}$	$\frac{21}{43}$	$\Phi_{86}^8\ \Phi_{43}^9\ \Phi_2^8\ \Phi_1^{10}$
30883	732	215	$\frac{1}{43}$	$\frac{32}{215}$	$\frac{11}{43}$	$\frac{21}{43}$	$\Phi_{215}^4\ \Phi_{43}\ \Phi_5^4\ \Phi_1^2$
30884	732	574	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{21}{82}$	$\frac{20}{41}$	$\Phi_{574}^2\ \Phi_{287}\ \Phi_{14}^2$
30885	732	119	$\frac{3}{119}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{58}{119}$	$\Phi_{119}^6\ \Phi_{17}^7\ \Phi_7^6\ \Phi_1^8$
30886	732	119	$\frac{3}{119}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{58}{119}$	$\Phi_{119}^6\ \Phi_{17}^7\ \Phi_7^6\ \Phi_1^8$
30887	732	476	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{58}{119}$	$\Phi_{476}^2\ \Phi_{238}^2\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_4^2\ \Phi_2^2$
30888	732	140	$\frac{1}{35}$	$\frac{9}{70}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{140}^7\ \Phi_{70}^3\ \Phi_{35}^4\ \Phi_{28}^7\ \Phi_{20}^7\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_7^4\ \Phi_5^4\ \Phi_4^6\ \Phi_2^2\ \Phi_1^4$
30889	732	1760	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{169}{352}$	$\Phi_{1760}\ \Phi_{160}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
30890	732	238	$\frac{1}{17}$	$\frac{9}{119}$	$\frac{55}{238}$	$\frac{8}{17}$	$\Phi_{238}^4\ \Phi_{119}^2\ \Phi_{34}^4\ \Phi_{17}^3\ \Phi_{14}^4\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
30891	732	68	$\frac{1}{17}$	$\frac{7}{68}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{68}^{12}\ \Phi_{34}^{12}\ \Phi_{17}^7\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^8$
30892	732	344	$\frac{11}{172}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{161}{344}$	$\Phi_{344}^4\ \Phi_{43}\ \Phi_8^4\ \Phi_1^2$
30893	732	340	$\frac{1}{17}$	$\frac{13}{170}$	$\frac{4}{17}$	$\frac{157}{340}$	$\Phi_{340}^4\ \Phi_{68}^4\ \Phi_{20}^4\ \Phi_{17}^3\ \Phi_4^4\ \Phi_1^4$
30894	732	693	$\frac{2}{63}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_7^2\ \Phi_1^2$
30895	732	990	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{29}{90}$	$\frac{5}{11}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{198}\ \Phi_{99}\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
30896	732	704	$\frac{3}{64}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
30897	732	880	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{19}{80}$	$\frac{5}{11}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{176}\ \Phi_{88}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
30898	732	715	$\frac{4}{65}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{715}\ \Phi_{143}\ \Phi_{65}^2\ \Phi_{13}^2\ \Phi_{11}\ \Phi_1^2$
30899	732	825	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{14}{75}$	$\frac{5}{11}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{11}\ \Phi_1^2$
30900	732	66	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{66}^{11}\ \Phi_{33}^{11}\ \Phi_{22}^{11}\ \Phi_{11}^{12}\ \Phi_6^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{12}$
30901	732	792	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{72}$	$\frac{5}{11}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_8^2\ \Phi_1^2$
30902	732	770	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{5}{11}$	$\Phi_{770}\ \Phi_{385}\ \Phi_{154}\ \Phi_{77}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_1^2$
30903	732	129	$\frac{7}{129}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{129}^6\ \Phi_{43}^5\ \Phi_3^6\ \Phi_1^6$
30904	732	320	$\frac{3}{64}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^2\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^2$
30905	732	215	$\frac{1}{43}$	$\frac{29}{215}$	$\frac{14}{43}$	$\frac{93}{215}$	$\Phi_{215}^3\ \Phi_{43}^5\ \Phi_5^3\ \Phi_1^6$
30906	732	1610	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{1}{5}$	$\frac{139}{322}$	$\Phi_{1610}\ \Phi_{230}\ \Phi_{115}\ \Phi_{70}\ \Phi_{10}$
30907	732	252	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^3\ \Phi_{18}^4\ \Phi_{14}^3\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^2\ \Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
30908	732	420	$\frac{1}{35}$	$\frac{17}{105}$	$\frac{1}{4}$	$\frac{44}{105}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^3\ \Phi_{84}^2\ \Phi_{70}^3\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
30909	732	86	$\frac{1}{43}$	$\frac{7}{43}$	$\frac{25}{86}$	$\frac{18}{43}$	$\Phi_{86}^{12}\ \Phi_{43}^5\ \Phi_2^{12}\ \Phi_1^6$
30910	732	187	$\frac{4}{187}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{187}^4\ \Phi_{17}^3\ \Phi_{11}^4\ \Phi_1^4$
30911	732	930	$\frac{1}{62}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{930}\ \Phi_{465}\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{30}\ \Phi_6^2$
30912	732	500	$\frac{3}{125}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{500}^2\ \Phi_{250}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{20}\ \Phi_{10}$
30913	732	330	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{66}^4\ \Phi_{55}\ \Phi_{33}^4\ \Phi_{30}^2\ \Phi_{22}^4\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
30914	732	806	$\frac{1}{62}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{806}\ \Phi_{403}\ \Phi_{26}$
30915	732	68	$\frac{1}{17}$	$\frac{7}{68}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{68}^{12}\ \Phi_{34}^8\ \Phi_{17}^{11}\ \Phi_4^{12}\ \Phi_2^8\ \Phi_1^{12}$
30916	732	196	$\frac{1}{49}$	$\frac{12}{49}$	$\frac{1}{4}$	$\frac{37}{98}$	$\Phi_{196}^5\ \Phi_{98}\ \Phi_{49}^4\ \Phi_{28}^5\ \Phi_{14}\ \Phi_7^4\ \Phi_4^4\ \Phi_1^4$
30917	732	129	$\frac{7}{129}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{129}^6\ \Phi_{43}^5\ \Phi_3^6\ \Phi_1^6$
30918	732	187	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{57}{187}$	$\frac{65}{187}$	$\Phi_{187}^4\ \Phi_{17}^3\ \Phi_{11}^4\ \Phi_1^4$
30919	732	460	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{15}{46}$	$\frac{31}{92}$	$\Phi_{460}^3\ \Phi_{230}\ \Phi_{115}\ \Phi_{20}^3\ \Phi_{10}$
30920	732	731	$\frac{8}{731}$	$\frac{241}{731}$	$\frac{243}{731}$	$\frac{245}{731}$	$\Phi_{731}\ \Phi_{43}\ \Phi_{17}\ \Phi_1^2$
30921	732	1101	$\frac{4}{367}$	$\frac{121}{367}$	$\frac{1}{3}$	$\frac{123}{367}$	Φ_{1101}
30922	732	273	$\frac{1}{91}$	$\frac{30}{91}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{273}^2\ \Phi_{91}^4\ \Phi_{39}^2\ \Phi_{21}^2\ \Phi_{13}^4\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
30923	732	372	$\frac{1}{62}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{372}^2\ \Phi_{186}\ \Phi_{124}^4\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
30924	732	63	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{63}^{12}\ \Phi_{21}^{11}\ \Phi_9^{12}\ \Phi_7^{10}\ \Phi_3^{12}\ \Phi_1^{12}$
30925	732	624	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}^2\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
30926	732	195	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^3\ \Phi_{65}^6\ \Phi_{39}^2\ \Phi_{15}^3\ \Phi_{13}^4\ \Phi_5^6\ \Phi_3^3\ \Phi_1^6$
30927	732	588	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{588}\ \Phi_{294}\ \Phi_{196}^2\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{84}\ \Phi_{49}^2\ \Phi_{28}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
30928	732	630	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{29}{90}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{21}$
30929	732	693	$\frac{2}{63}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_7^2\ \Phi_1^2$
30930	732	1260	$\frac{2}{63}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{90}\ \Phi_{70}\ \Phi_{20}\ \Phi_{10}$
30931	732	1344	$\frac{3}{64}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{21}$
30932	732	132	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^7\ \Phi_{66}^3\ \Phi_{44}^8\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{12}^8\ \Phi_{11}^4\ \Phi_6^4\ \Phi_4^8\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
30933	732	1680	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{19}{80}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{336}\ \Phi_{168}\ \Phi_{21}$
30934	732	1365	$\frac{4}{65}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{273}\ \Phi_{21}$
30935	732	525	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{14}{75}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{21}$
30936	732	462	$\frac{5}{66}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{21}$
30937	732	504	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{72}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{21}$
30938	732	945	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{63}\ \Phi_{21}$
30939	732	210	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{210}^5\ \Phi_{105}^5\ \Phi_{42}^5\ \Phi_{30}^6\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_6^6\ \Phi_3^6$
30940	732	1260	$\frac{1}{35}$	$\frac{71}{315}$	$\frac{1}{4}$	$\frac{34}{105}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{70}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}\ \Phi_{14}\ \Phi_{10}$
30941	732	990	$\frac{1}{30}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{29}{90}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{198}\ \Phi_{99}\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
30942	732	180	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{29}{90}$	$\Phi_{180}^8\ \Phi_{90}^4\ \Phi_{45}^4\ \Phi_{36}^8\ \Phi_{20}\ \Phi_{18}^4\ \Phi_{10}\ \Phi_9^4$
30943	732	1428	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{113}{357}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{204}\ \Phi_{102}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
30944	732	440	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{27}{88}$	$\Phi_{440}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^2$
30945	732	68	$\frac{7}{68}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{68}^{12}\ \Phi_{34}^{12}\ \Phi_{17}^7\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
30946	732	86	$\frac{3}{43}$	$\frac{11}{86}$	$\frac{10}{43}$	$\frac{25}{86}$	$\Phi_{86}^{8}\ \Phi_{43}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
30947	732	85	$\frac{1}{17}$	$\frac{13}{85}$	$\frac{4}{17}$	$\frac{24}{85}$	$\Phi_{85}^{8}\ \Phi_{17}^{11}\ \Phi_{5}^{8}\ \Phi_{1}^{12}$
30948	732	704	$\frac{3}{64}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
30949	732	880	$\frac{1}{20}$	$\frac{2}{11}$	$\frac{19}{80}$	$\frac{3}{11}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{176}\ \Phi_{88}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
30950	732	715	$\frac{4}{65}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{715}\ \Phi_{143}\ \Phi_{65}^{2}\ \Phi_{13}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
30951	732	825	$\frac{1}{15}$	$\frac{2}{11}$	$\frac{14}{75}$	$\frac{3}{11}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{75}^{2}\ \Phi_{25}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
30952	732	66	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{66}^{11}\ \Phi_{33}^{11}\ \Phi_{22}^{11}\ \Phi_{11}^{12}\ \Phi_{6}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
30953	732	792	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
30954	732	770	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{770}\ \Phi_{385}\ \Phi_{154}\ \Phi_{77}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{14}^{2}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
30955	732	1020	$\frac{11}{255}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{204}\ \Phi_{170}\ \Phi_{102}\ \Phi_{68}\ \Phi_{34}\ \Phi_{20}\ \Phi_{10}$
30956	732	215	$\frac{3}{43}$	$\frac{32}{215}$	$\frac{10}{43}$	$\frac{11}{43}$	$\Phi_{215}^{4}\ \Phi_{43}\ \Phi_{5}^{4}\ \Phi_{1}^{2}$
30957	732	320	$\frac{3}{64}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{80}^{3}\ \Phi_{40}^{3}\ \Phi_{20}\ \Phi_{10}$
30958	732	80	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{19}{80}$	$\frac{1}{4}$	$\Phi_{80}^{12}\ \Phi_{40}^{12}\ \Phi_{20}\ \Phi_{16}^{12}\ \Phi_{10}\ \Phi_{8}^{12}$
30959	732	260	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{260}^{4}\ \Phi_{130}^{4}\ \Phi_{52}^{4}\ \Phi_{26}^{4}\ \Phi_{20}\ \Phi_{10}$
30960	732	300	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{100}^{4}\ \Phi_{50}^{4}\ \Phi_{20}\ \Phi_{10}$
30961	732	660	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{660}^{2}\ \Phi_{330}\ \Phi_{220}^{2}\ \Phi_{165}\ \Phi_{110}\ \Phi_{55}\ \Phi_{20}\ \Phi_{10}$
30962	732	360	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{45}^{3}\ \Phi_{40}^{3}\ \Phi_{20}\ \Phi_{10}$
30963	732	200	$\frac{17}{200}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{200}^{4}\ \Phi_{100}^{4}\ \Phi_{50}^{4}\ \Phi_{40}^{4}\ \Phi_{25}^{4}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}^{4}$
30964	732	540	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{180}^{2}\ \Phi_{108}^{2}\ \Phi_{90}^{2}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{20}\ \Phi_{18}^{2}\ \Phi_{10}$
30965	732	140	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^{8}\ \Phi_{70}^{4}\ \Phi_{35}^{4}\ \Phi_{28}^{8}\ \Phi_{20}\ \Phi_{14}^{4}\ \Phi_{10}\ \Phi_{7}^{4}$
30966	733	1456	$\frac{5}{728}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{723}{1456}$	$\Phi_{1456}\ \Phi_{208}\ \Phi_{112}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
30967	733	882	$\frac{2}{147}$	$\frac{149}{882}$	$\frac{1}{3}$	$\frac{145}{294}$	$\Phi_{882}\ \Phi_{441}\ \Phi_{147}\ \Phi_{126}\ \Phi_{63}\ \Phi_{49}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
30968	733	1440	$\frac{13}{720}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{707}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
30969	733	1440	$\frac{13}{720}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{707}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
30970	733	1440	$\frac{13}{720}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{707}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
30971	733	1440	$\frac{13}{720}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{707}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
30972	733	840	$\frac{2}{105}$	$\frac{107}{840}$	$\frac{1}{3}$	$\frac{103}{210}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
30973	733	984	$\frac{5}{246}$	$\frac{1}{6}$	$\frac{251}{984}$	$\frac{241}{492}$	$\Phi_{984}\ \Phi_{328}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
30974	733	1428	$\frac{19}{714}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{695}{1428}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{204}\ \Phi_{84}\ \Phi_{68}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
30975	733	1408	$\frac{29}{704}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{675}{1408}$	$\Phi_{1408}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
30976	733	1080	$\frac{13}{360}$	$\frac{1}{12}$	$\frac{347}{1080}$	$\frac{11}{24}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
30977	733	768	$\frac{35}{768}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
30978	733	960	$\frac{13}{240}$	$\frac{1}{12}$	$\frac{227}{960}$	$\frac{11}{24}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
30979	733	792	$\frac{59}{792}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
30980	733	864	$\frac{1}{12}$	$\frac{13}{144}$	$\frac{131}{864}$	$\frac{11}{24}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
30981	733	840	$\frac{1}{12}$	$\frac{13}{120}$	$\frac{107}{840}$	$\frac{11}{24}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
30982	733	768	$\frac{35}{768}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
30983	733	756	$\frac{23}{756}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{54}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
30984	733	750	$\frac{17}{750}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{750}\ \Phi_{375}\ \Phi_{250}\ \Phi_{150}\ \Phi_{125}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
30985	733	1288	$\frac{3}{92}$	$\frac{89}{644}$	$\frac{1}{4}$	$\frac{555}{1288}$	$\Phi_{1288}\ \Phi_{184}\ \Phi_{92}\ \Phi_{56}\ \Phi_{46}\ \Phi_{23}\ \Phi_{8}\ \Phi_{1}$
30986	733	1260	$\frac{2}{105}$	$\frac{103}{630}$	$\frac{1}{3}$	$\frac{527}{1260}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
30987	733	1176	$\frac{2}{147}$	$\frac{145}{588}$	$\frac{1}{3}$	$\frac{443}{1176}$	$\Phi_{1176}\ \Phi_{392}\ \Phi_{168}\ \Phi_{147}\ \Phi_{56}\ \Phi_{49}\ \Phi_{24}\ \Phi_{21}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
30988	733	832	$\frac{5}{104}$	$\frac{99}{832}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
30989	733	784	$\frac{51}{784}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{49}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
30990	733	756	$\frac{23}{756}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
30991	733	1104	$\frac{3}{184}$	$\frac{1}{4}$	$\frac{181}{552}$	$\frac{371}{1104}$	$\Phi_{1104}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{48}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
30992	733	945	$\frac{2}{105}$	$\frac{212}{945}$	$\frac{103}{315}$	$\frac{1}{3}$	$\Phi_{945}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
30993	733	1080	$\frac{13}{360}$	$\frac{2}{15}$	$\frac{347}{1080}$	$\frac{1}{3}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
30994	733	1071	$\frac{19}{357}$	$\frac{2}{21}$	$\frac{338}{1071}$	$\frac{1}{3}$	$\Phi_{1071}\ \Phi_{153}\ \Phi_{63}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
30995	733	765	$\frac{32}{765}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}\ \Phi_{85}\ \Phi_{51}\ \Phi_{17}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
30996	733	960	$\frac{13}{240}$	$\frac{2}{15}$	$\frac{227}{960}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
30997	733	780	$\frac{47}{780}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}$
30998	733	900	$\frac{13}{180}$	$\frac{2}{15}$	$\frac{167}{900}$	$\frac{1}{3}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
30999	733	810	$\frac{77}{810}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
31000	733	840	$\frac{13}{120}$	$\frac{107}{840}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
31001	733	1080	$\frac{13}{360}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{347}{1080}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
31002	733	1056	$\frac{29}{352}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{323}{1056}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
31003	733	900	$\frac{13}{180}$	$\frac{1}{6}$	$\frac{167}{900}$	$\frac{5}{18}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
31004	733	792	$\frac{59}{792}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
31005	733	864	$\frac{13}{144}$	$\frac{131}{864}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
31006	733	810	$\frac{77}{810}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
31007	733	768	$\frac{35}{768}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
31008	733	960	$\frac{13}{240}$	$\frac{3}{16}$	$\frac{227}{960}$	$\frac{1}{4}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
31009	733	800	$\frac{67}{800}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
31010	733	864	$\frac{13}{144}$	$\frac{131}{864}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
31011	734	2184	$\frac{3}{364}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{361}{728}$	$\Phi_{2184}\ \Phi_{312}\ \Phi_{168}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
31012	734	720	$\frac{7}{360}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{353}{720}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_{6}$
31013	734	2112	$\frac{15}{352}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{337}{704}$	$\Phi_{2112}\ \Phi_{192}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
31014	734	384	$\frac{17}{384}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
31015	734	690	$\frac{1}{23}$	$\frac{22}{345}$	$\frac{1}{3}$	$\frac{323}{690}$	$\Phi_{690}^2\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{2}^2$
31016	734	1932	$\frac{1}{46}$	$\frac{45}{322}$	$\frac{1}{3}$	$\frac{277}{644}$	$\Phi_{1932}\ \Phi_{276}\ \Phi_{138}\ \Phi_{84}\ \Phi_{69}\ \Phi_{12}\ \Phi_{6}$
31017	734	552	$\frac{1}{92}$	$\frac{91}{276}$	$\frac{1}{3}$	$\frac{185}{552}$	$\Phi_{552}^2\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{138}\ \Phi_{69}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_{8}^2\ \Phi_{6}$
31018	734	414	$\frac{1}{23}$	$\frac{47}{414}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{414}^2\ \Phi_{207}^2\ \Phi_{138}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{2}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
31019	734	528	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{161}{528}$	$\frac{1}{3}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
31020	734	384	$\frac{17}{384}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
31021	734	1248	$\frac{3}{52}$	$\frac{49}{416}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
31022	734	1176	$\frac{25}{392}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
31023	734	480	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{113}{480}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
31024	734	1380	$\frac{1}{23}$	$\frac{22}{115}$	$\frac{93}{460}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}\ \Phi_6$
31025	734	1200	$\frac{33}{400}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{75}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
31026	734	432	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{432}$	$\frac{1}{3}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
31027	735	584	$\frac{1}{146}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{145}{292}$	$\Phi_{584}^2\ \Phi_{292}\ \Phi_8^3\ \Phi_4\ \Phi_1$
31028	735	972	$\frac{2}{243}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{241}{486}$	$\Phi_{972}\ \Phi_{324}\ \Phi_{243}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
31029	735	624	$\frac{1}{104}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{103}{208}$	$\Phi_{624}^2\ \Phi_{208}^3\ \Phi_{48}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
31030	735	1872	$\frac{1}{104}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{103}{208}$	$\Phi_{1872}\ \Phi_{208}\ \Phi_{144}\ \Phi_{16}\ \Phi_9\ \Phi_1$
31031	735	328	$\frac{1}{82}$	$\frac{1}{4}$	$\frac{83}{328}$	$\frac{81}{164}$	$\Phi_{328}^3\ \Phi_{164}^2\ \Phi_{82}\ \Phi_{41}\ \Phi_8^3\ \Phi_4\ \Phi_1$
31032	735	672	$\frac{1}{48}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{47}{96}$	$\Phi_{672}^2\ \Phi_{224}^2\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_{28}\ \Phi_4\ \Phi_1$
31033	735	672	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{47}{96}$	$\Phi_{672}^2\ \Phi_{224}^2\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_7^2\ \Phi_1^3$
31034	735	96	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{47}{96}$	$\Phi_{96}^{15}\ \Phi_{32}^{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
31035	735	680	$\frac{1}{34}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{33}{68}$	$\Phi_{680}^2\ \Phi_{136}^2\ \Phi_{68}\ \Phi_{40}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
31036	735	340	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{33}{68}$	$\Phi_{340}^4\ \Phi_{68}^5\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
31037	735	136	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{136}^6\ \Phi_{68}^5\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_8^9\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
31038	735	1700	$\frac{1}{34}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{33}{68}$	$\Phi_{1700}\ \Phi_{100}\ \Phi_{68}\ \Phi_{25}\ \Phi_4\ \Phi_1$
31039	735	2040	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{19}{40}$	$\Phi_{2040}\ \Phi_{408}\ \Phi_{120}\ \Phi_{51}\ \Phi_{40}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
31040	735	680	$\frac{1}{20}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{19}{40}$	$\Phi_{680}^2\ \Phi_{136}^2\ \Phi_{40}^3\ \Phi_{17}^2\ \Phi_8^3\ \Phi_1^3$
31041	735	120	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{120}^6\ \Phi_{60}^8\ \Phi_{40}^3\ \Phi_{30}^8\ \Phi_{24}^8\ \Phi_{20}^4\ \Phi_{15}^8\ \Phi_{12}^{10}\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^9\ \Phi_5^4\ \Phi_4^5\ \Phi_3^9\ \Phi_2^4\ \Phi_1^5$
31042	735	66	$\frac{1}{22}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{66}^{11}\ \Phi_{33}^{12}\ \Phi_{22}^{10}\ \Phi_{11}^{11}\ \Phi_6^{11}\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
31043	735	1428	$\frac{2}{51}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{204}\ \Phi_{68}\ \Phi_{51}\ \Phi_{28}\ \Phi_{17}\ \Phi_4\ \Phi_1$
31044	735	504	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{23}{72}$	$\frac{13}{28}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{72}^3\ \Phi_{63}^2\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{18}^3\ \Phi_9^3\ \Phi_4\ \Phi_1$
31045	735	364	$\frac{3}{52}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{364}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{52}^3\ \Phi_{28}\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_4\ \Phi_1$
31046	735	448	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{15}{64}$	$\frac{13}{28}$	$\Phi_{448}^2\ \Phi_{224}^2\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{28}\ \Phi_4\ \Phi_1$
31047	735	420	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{13}{28}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{28}\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
31048	735	756	$\frac{1}{14}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{756}^2\ \Phi_{252}^2\ \Phi_{108}^2\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
31049	735	56	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{13}{28}$	$\Phi_{56}^{12}\ \Phi_{28}^{13}\ \Phi_{14}^{12}\ \Phi_8^{18}\ \Phi_7^{12}\ \Phi_4^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
31050	735	528	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{528}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
31051	735	720	$\frac{1}{16}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}^2\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
31052	735	704	$\frac{1}{22}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{704}^2\ \Phi_{64}\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{11}\ \Phi_4\ \Phi_1$
31053	735	240	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^2\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{40}^2\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_8\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
31054	735	156	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{17}{52}$	$\frac{5}{12}$	$\Phi_{156}^4\ \Phi_{78}^4\ \Phi_{52}^6\ \Phi_{39}^4\ \Phi_{26}^6\ \Phi_{13}^6\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
31055	735	36	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{36}^{21}\ \Phi_{18}^{21}\ \Phi_{12}^{20}\ \Phi_{9}^{21}\ \Phi_{6}^{19}\ \Phi_{4}^{19}\ \Phi_{3}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
31056	735	156	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{5}{26}$	$\frac{5}{12}$	$\Phi_{156}^{8}\ \Phi_{52}^{8}\ \Phi_{26}^{4}\ \Phi_{13}^{4}\ \Phi_{12}^{9}\ \Phi_{4}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
31057	735	132	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{132}^{10}\ \Phi_{66}^{2}\ \Phi_{44}^{10}\ \Phi_{33}^{2}\ \Phi_{22}\ \Phi_{12}^{5}\ \Phi_{11}\ \Phi_{6}\ \Phi_{4}^{5}\ \Phi_{3}\ \Phi_{1}$
31058	735	156	$\frac{3}{52}$	$\frac{7}{52}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{156}^{4}\ \Phi_{78}^{4}\ \Phi_{52}^{6}\ \Phi_{39}^{4}\ \Phi_{26}^{6}\ \Phi_{13}^{6}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{7}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
31059	735	48	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{48}^{14}\ \Phi_{24}^{12}\ \Phi_{16}^{21}\ \Phi_{12}^{13}\ \Phi_{8}^{18}\ \Phi_{6}^{12}\ \Phi_{4}^{19}\ \Phi_{3}^{12}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
31060	735	156	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{156}^{8}\ \Phi_{52}^{8}\ \Phi_{39}^{3}\ \Phi_{13}^{2}\ \Phi_{12}^{9}\ \Phi_{4}^{9}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
31061	735	164	$\frac{1}{41}$	$\frac{8}{41}$	$\frac{1}{4}$	$\frac{33}{82}$	$\Phi_{164}^{6}\ \Phi_{82}\ \Phi_{41}^{5}\ \Phi_{4}^{5}\ \Phi_{1}^{5}$
31062	735	80	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{80}^{9}\ \Phi_{40}^{10}\ \Phi_{20}^{10}\ \Phi_{16}^{8}\ \Phi_{10}^{9}\ \Phi_{8}^{9}\ \Phi_{5}^{9}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
31063	735	584	$\frac{1}{73}$	$\frac{1}{4}$	$\frac{24}{73}$	$\frac{3}{8}$	$\Phi_{584}^{2}\ \Phi_{73}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
31064	735	200	$\frac{1}{50}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{200}^{6}\ \Phi_{100}^{2}\ \Phi_{50}\ \Phi_{40}^{6}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
31065	735	456	$\frac{5}{152}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{456}^{2}\ \Phi_{228}^{2}\ \Phi_{152}\ \Phi_{114}^{2}\ \Phi_{76}\ \Phi_{57}^{2}\ \Phi_{38}\ \Phi_{19}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
31066	735	584	$\frac{3}{73}$	$\frac{10}{73}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{584}^{2}\ \Phi_{73}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
31067	735	88	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{88}^{8}\ \Phi_{44}^{10}\ \Phi_{22}^{9}\ \Phi_{11}^{9}\ \Phi_{8}^{4}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
31068	735	594	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{594}\ \Phi_{297}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{27}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
31069	735	222	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{12}{37}$	$\frac{25}{74}$	$\Phi_{222}^{4}\ \Phi_{111}^{4}\ \Phi_{74}\ \Phi_{37}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
31070	735	367	$\frac{4}{367}$	$\frac{121}{367}$	$\frac{122}{367}$	$\frac{123}{367}$	$\Phi_{367}^{2}\ \Phi_{1}^{3}$
31071	735	468	$\frac{1}{52}$	$\frac{2}{9}$	$\frac{17}{52}$	$\frac{1}{3}$	$\Phi_{468}^{2}\ \Phi_{234}^{2}\ \Phi_{117}^{2}\ \Phi_{52}^{2}\ \Phi_{36}^{2}\ \Phi_{26}^{2}\ \Phi_{18}^{2}\ \Phi_{13}^{2}\ \Phi_{9}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
31072	735	357	$\frac{2}{51}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{357}^{2}\ \Phi_{119}^{2}\ \Phi_{51}^{3}\ \Phi_{17}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
31073	735	324	$\frac{2}{81}$	$\frac{79}{324}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{324}^{2}\ \Phi_{162}^{2}\ \Phi_{108}^{2}\ \Phi_{81}^{3}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{3}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
31074	735	36	$\frac{1}{36}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{36}^{20}\ \Phi_{18}^{20}\ \Phi_{12}^{21}\ \Phi_{9}^{21}\ \Phi_{6}^{21}\ \Phi_{4}^{20}\ \Phi_{3}^{21}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
31075	735	204	$\frac{2}{51}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^{5}\ \Phi_{102}^{2}\ \Phi_{68}^{5}\ \Phi_{51}^{3}\ \Phi_{34}^{2}\ \Phi_{17}^{3}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
31076	735	108	$\frac{2}{27}$	$\frac{5}{54}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{108}^{9}\ \Phi_{54}^{4}\ \Phi_{36}^{9}\ \Phi_{27}^{5}\ \Phi_{18}^{4}\ \Phi_{12}^{10}\ \Phi_{9}^{5}\ \Phi_{6}^{5}\ \Phi_{4}^{9}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
31077	735	234	$\frac{1}{26}$	$\frac{5}{26}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{234}^{4}\ \Phi_{117}^{4}\ \Phi_{26}^{4}\ \Phi_{18}^{4}\ \Phi_{13}^{4}\ \Phi_{9}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
31078	735	198	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{198}^{5}\ \Phi_{99}^{5}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{22}\ \Phi_{18}^{2}\ \Phi_{11}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
31079	735	468	$\frac{3}{52}$	$\frac{7}{52}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{468}^{2}\ \Phi_{234}^{2}\ \Phi_{117}^{2}\ \Phi_{52}^{2}\ \Phi_{36}^{2}\ \Phi_{26}^{2}\ \Phi_{18}^{2}\ \Phi_{13}^{2}\ \Phi_{9}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
31080	735	144	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{144}^{7}\ \Phi_{72}^{6}\ \Phi_{36}^{6}\ \Phi_{18}^{6}\ \Phi_{16}^{7}\ \Phi_{9}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
31081	735	117	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{117}^{8}\ \Phi_{39}^{3}\ \Phi_{13}^{2}\ \Phi_{9}^{9}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
31082	735	504	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{23}{72}$	$\Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{126}^{2}\ \Phi_{72}^{3}\ \Phi_{63}^{2}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
31083	735	72	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{23}{72}$	$\Phi_{72}^{15}\ \Phi_{36}^{15}\ \Phi_{18}^{15}\ \Phi_{12}^{2}\ \Phi_{9}^{15}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
31084	735	510	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{16}{51}$	$\Phi_{510}^{2}\ \Phi_{255}^{2}\ \Phi_{102}^{2}\ \Phi_{51}^{3}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
31085	735	408	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{408}^{3}\ \Phi_{204}^{2}\ \Phi_{102}^{2}\ \Phi_{51}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
31086	735	1275	$\frac{1}{17}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{16}{51}$	$\Phi_{1275}\ \Phi_{75}\ \Phi_{51}\ \Phi_{25}\ \Phi_{3}\ \Phi_{1}$
31087	735	170	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{3}{10}$	$\Phi_{170}^{4}\ \Phi_{85}^{4}\ \Phi_{34}^{4}\ \Phi_{17}^{6}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
31088	735	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{120}^{8}\ \Phi_{60}^{8}\ \Phi_{40}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{10}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{10}\ \Phi_{10}^{2}\ \Phi_{8}^{5}\ \Phi_{6}^{5}\ \Phi_{5}^{2}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
31089	735	367	$\frac{37}{367}$	$\frac{43}{367}$	$\frac{66}{367}$	$\frac{108}{367}$	$\Phi_{367}^{2}\ \Phi_{1}^{3}$
31090	735	424	$\frac{13}{106}$	$\frac{1}{8}$	$\frac{15}{106}$	$\frac{31}{106}$	$\Phi_{424}^{2}\ \Phi_{212}^{2}\ \Phi_{106}\ \Phi_{53}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
31091	735	367	$\frac{45}{367}$	$\frac{46}{367}$	$\frac{52}{367}$	$\frac{107}{367}$	$\Phi_{367}^{2}\ \Phi_{1}^{3}$
31092	735	444	$\frac{15}{148}$	$\frac{19}{148}$	$\frac{1}{6}$	$\frac{43}{148}$	$\Phi_{444}^{2}\ \Phi_{222}^{2}\ \Phi_{148}\ \Phi_{111}^{2}\ \Phi_{74}\ \Phi_{37}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
31093	735	364	$\frac{3}{52}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{364}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_7^2\ \Phi_1^3$
31094	735	448	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{15}{64}$	$\frac{2}{7}$	$\Phi_{448}^2\ \Phi_{224}^2\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_7^2\ \Phi_1^3$
31095	735	420	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{60}$	$\frac{2}{7}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
31096	735	378	$\frac{5}{54}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_1^3$
31097	735	56	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{56}^{12}\ \Phi_{28}^{12}\ \Phi_{14}^{12}\ \Phi_8^{18}\ \Phi_7^{14}\ \Phi_4^{18}\ \Phi_2^{18}\ \Phi_1^{21}$
31098	735	367	$\frac{38}{367}$	$\frac{47}{367}$	$\frac{64}{367}$	$\frac{101}{367}$	$\Phi_{367}^2\ \Phi_1^3$
31099	735	424	$\frac{11}{106}$	$\frac{1}{8}$	$\frac{19}{106}$	$\frac{29}{106}$	$\Phi_{424}^2\ \Phi_{212}^2\ \Phi_{106}\ \Phi_{53}\ \Phi_8\ \Phi_4\ \Phi_1$
31100	735	528	$\frac{1}{22}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
31101	735	240	$\frac{1}{16}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^4\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{40}^4\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^3\ \Phi_1^3$
31102	735	156	$\frac{3}{52}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{156}^6\ \Phi_{78}^6\ \Phi_{52}^3\ \Phi_{39}^6\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
31103	735	192	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{15}{64}$	$\frac{1}{4}$	$\Phi_{192}^6\ \Phi_{96}^6\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
31104	735	264	$\frac{19}{264}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{264}^3\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{12}^2\ \Phi_{11}^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
31105	735	480	$\frac{13}{160}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}\ \Phi_{60}^2\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
31106	735	60	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{60}$	$\frac{1}{4}$	$\Phi_{60}^{15}\ \Phi_{30}^{15}\ \Phi_{20}^{15}\ \Phi_{15}^{15}\ \Phi_{12}^2\ \Phi_{10}^{15}\ \Phi_6\ \Phi_5^{15}\ \Phi_4\ \Phi_3\ \Phi_1$
31107	735	136	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{136}^6\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{17}^6\ \Phi_8^9\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
31108	735	492	$\frac{29}{246}$	$\frac{31}{246}$	$\frac{43}{246}$	$\frac{1}{4}$	$\Phi_{492}^2\ \Phi_{246}\ \Phi_{164}^2\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
31109	735	108	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{108}^{10}\ \Phi_{54}^5\ \Phi_{36}^{10}\ \Phi_{27}^5\ \Phi_{18}^5\ \Phi_{12}^2\ \Phi_9^5\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
31110	735	288	$\frac{5}{48}$	$\frac{43}{288}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
31111	735	24	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{24}^{36}\ \Phi_{12}^{38}\ \Phi_8^{18}\ \Phi_6^{37}\ \Phi_4^{19}\ \Phi_3^{37}\ \Phi_2^{18}\ \Phi_1^{19}$
31112	735	425	$\frac{2}{17}$	$\frac{4}{25}$	$\frac{3}{17}$	$\frac{1}{5}$	$\Phi_{425}^2\ \Phi_{25}^3\ \Phi_{17}^2\ \Phi_1^3$
31113	735	600	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
31114	736	183	$\frac{1}{183}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{91}{183}$	$\Phi_{183}^4\ \Phi_{61}^4\ \Phi_3^5\ \Phi_1^6$
31115	736	147	$\frac{1}{147}$	$\frac{37}{147}$	$\frac{55}{147}$	$\frac{73}{147}$	$\Phi_{147}^5\ \Phi_{49}^5\ \Phi_{21}^5\ \Phi_7^5\ \Phi_3^5\ \Phi_1^6$
31116	736	123	$\frac{1}{123}$	$\frac{31}{123}$	$\frac{1}{3}$	$\frac{61}{123}$	$\Phi_{123}^6\ \Phi_{41}^6\ \Phi_3^5\ \Phi_1^6$
31117	736	365	$\frac{3}{365}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{181}{365}$	$\Phi_{365}^2\ \Phi_{73}^2\ \Phi_5^3\ \Phi_1^4$
31118	736	315	$\frac{1}{105}$	$\frac{53}{315}$	$\frac{131}{315}$	$\frac{52}{105}$	$\Phi_{315}^2\ \Phi_{105}^3\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_9^2\ \Phi_7^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
31119	736	729	$\frac{7}{729}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{361}{729}$	$\Phi_{729}\ \Phi_{243}\ \Phi_{81}\ \Phi_{27}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
31120	736	91	$\frac{1}{91}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{45}{91}$	$\Phi_{91}^8\ \Phi_{13}^8\ \Phi_7^9\ \Phi_1^{10}$
31121	736	1365	$\frac{1}{91}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{45}{91}$	$\Phi_{1365}\ \Phi_{195}\ \Phi_{105}\ \Phi_{15}^2$
31122	736	245	$\frac{3}{245}$	$\frac{31}{245}$	$\frac{107}{245}$	$\frac{121}{245}$	$\Phi_{245}^3\ \Phi_{49}^3\ \Phi_{35}^3\ \Phi_7^3\ \Phi_5^3\ \Phi_1^4$
31123	736	245	$\frac{3}{245}$	$\frac{61}{245}$	$\frac{62}{245}$	$\frac{121}{245}$	$\Phi_{245}^3\ \Phi_{49}^3\ \Phi_{35}^3\ \Phi_7^3\ \Phi_5^3\ \Phi_1^4$
31124	736	185	$\frac{3}{185}$	$\frac{1}{5}$	$\frac{47}{185}$	$\frac{91}{185}$	$\Phi_{185}^4\ \Phi_{37}^4\ \Phi_5^3\ \Phi_1^4$
31125	736	735	$\frac{13}{735}$	$\frac{137}{735}$	$\frac{187}{735}$	$\frac{361}{735}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
31126	736	369	$\frac{7}{369}$	$\frac{47}{369}$	$\frac{1}{3}$	$\frac{181}{369}$	$\Phi_{369}^2\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
31127	736	343	$\frac{1}{49}$	$\frac{25}{343}$	$\frac{159}{343}$	$\frac{24}{49}$	$\Phi_{343}^2\ \Phi_{49}^3\ \Phi_7^3\ \Phi_1^4$
31128	736	45	$\frac{1}{45}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{22}{45}$	$\Phi_{45}^{16}\ \Phi_{15}^{17}\ \Phi_9^{16}\ \Phi_5^{17}\ \Phi_3^{17}\ \Phi_1^{18}$
31129	736	45	$\frac{1}{45}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{45}^{16}\ \Phi_{15}^{16}\ \Phi_9^{18}\ \Phi_5^{16}\ \Phi_3^{17}\ \Phi_1^{18}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
31130	736	45	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{22}{45}$	$\Phi_{45}^{16}\ \Phi_{15}^{16}\ \Phi_{9}^{16}\ \Phi_{5}^{19}\ \Phi_{3}^{16}\ \Phi_{1}^{20}$
31131	736	735	$\frac{17}{735}$	$\frac{47}{735}$	$\frac{344}{735}$	$\frac{359}{735}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
31132	736	615	$\frac{1}{41}$	$\frac{21}{205}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{615}^{2}\ \Phi_{123}\ \Phi_{15}^{2}$
31133	736	555	$\frac{1}{37}$	$\frac{19}{111}$	$\frac{1}{5}$	$\frac{18}{37}$	$\Phi_{555}^{2}\ \Phi_{185}\ \Phi_{15}^{2}$
31134	736	175	$\frac{1}{35}$	$\frac{9}{175}$	$\frac{83}{175}$	$\frac{17}{35}$	$\Phi_{175}^{4}\ \Phi_{35}^{5}\ \Phi_{25}^{4}\ \Phi_{7}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
31135	736	525	$\frac{1}{35}$	$\frac{18}{175}$	$\frac{157}{525}$	$\frac{17}{35}$	$\Phi_{525}^{2}\ \Phi_{105}^{2}\ \Phi_{75}^{2}\ \Phi_{35}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
31136	736	105	$\frac{1}{35}$	$\frac{13}{105}$	$\frac{9}{35}$	$\frac{17}{35}$	$\Phi_{105}^{8}\ \Phi_{35}^{5}\ \Phi_{21}^{8}\ \Phi_{15}^{8}\ \Phi_{7}^{5}\ \Phi_{5}^{5}\ \Phi_{3}^{8}\ \Phi_{1}^{6}$
31137	736	357	$\frac{11}{357}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{173}{357}$	$\Phi_{357}^{2}\ \Phi_{119}^{2}\ \Phi_{51}^{2}\ \Phi_{21}^{3}\ \Phi_{17}^{2}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
31138	736	1364	$\frac{1}{31}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{15}{31}$	$\Phi_{1364}\ \Phi_{124}\ \Phi_{44}^{2}\ \Phi_{31}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
31139	736	1023	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{15}{31}$	$\Phi_{1023}\ \Phi_{93}\ \Phi_{33}^{2}\ \Phi_{31}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
31140	736	279	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{279}^{3}\ \Phi_{93}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{2}$
31141	736	147	$\frac{5}{147}$	$\frac{19}{147}$	$\frac{32}{147}$	$\frac{71}{147}$	$\Phi_{147}^{5}\ \Phi_{49}^{5}\ \Phi_{21}^{5}\ \Phi_{7}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
31142	736	185	$\frac{7}{185}$	$\frac{24}{185}$	$\frac{1}{5}$	$\frac{89}{185}$	$\Phi_{185}^{4}\ \Phi_{37}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
31143	736	735	$\frac{29}{735}$	$\frac{68}{735}$	$\frac{191}{735}$	$\frac{353}{735}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
31144	736	123	$\frac{5}{123}$	$\frac{8}{123}$	$\frac{1}{3}$	$\frac{59}{123}$	$\Phi_{123}^{6}\ \Phi_{41}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
31145	736	2244	$\frac{1}{22}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{2244}\ \Phi_{204}\ \Phi_{51}$
31146	736	1364	$\frac{1}{22}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{21}{44}$	$\Phi_{1364}\ \Phi_{124}\ \Phi_{44}^{2}\ \Phi_{31}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
31147	736	1980	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{180}\ \Phi_{60}\ \Phi_{45}\ \Phi_{15}$
31148	736	693	$\frac{1}{21}$	$\frac{43}{693}$	$\frac{20}{63}$	$\frac{325}{693}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}^{2}\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
31149	736	120	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{120}^{6}\ \Phi_{60}^{6}\ \Phi_{40}^{6}\ \Phi_{30}^{6}\ \Phi_{24}^{8}\ \Phi_{20}^{6}\ \Phi_{15}^{4}\ \Phi_{12}^{8}\ \Phi_{10}^{6}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{4}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
31150	736	135	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{43}{135}$	$\frac{7}{15}$	$\Phi_{135}^{8}\ \Phi_{27}^{8}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
31151	736	195	$\frac{11}{195}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{195}^{4}\ \Phi_{65}^{4}\ \Phi_{39}^{4}\ \Phi_{15}\ \Phi_{13}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
31152	736	30	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{7}{15}$	$\Phi_{30}^{32}\ \Phi_{15}^{17}\ \Phi_{10}^{32}\ \Phi_{6}^{32}\ \Phi_{5}^{17}\ \Phi_{3}^{17}\ \Phi_{2}^{32}\ \Phi_{1}^{18}$
31153	736	75	$\frac{1}{15}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{75}^{10}\ \Phi_{25}^{12}\ \Phi_{15}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
31154	736	225	$\frac{1}{15}$	$\frac{4}{45}$	$\frac{41}{225}$	$\frac{7}{15}$	$\Phi_{225}^{4}\ \Phi_{75}^{4}\ \Phi_{25}^{4}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
31155	736	405	$\frac{1}{15}$	$\frac{37}{405}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{405}^{2}\ \Phi_{135}^{2}\ \Phi_{81}^{2}\ \Phi_{27}^{2}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
31156	736	135	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{7}{15}$	$\Phi_{135}^{6}\ \Phi_{45}^{3}\ \Phi_{27}^{8}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
31157	736	105	$\frac{1}{15}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{7}{15}$	$\Phi_{105}^{8}\ \Phi_{35}^{8}\ \Phi_{21}^{8}\ \Phi_{15}\ \Phi_{7}^{8}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
31158	736	63	$\frac{1}{21}$	$\frac{5}{63}$	$\frac{17}{63}$	$\frac{29}{63}$	$\Phi_{63}^{12}\ \Phi_{21}^{11}\ \Phi_{9}^{12}\ \Phi_{7}^{11}\ \Phi_{3}^{11}\ \Phi_{1}^{12}$
31159	736	675	$\frac{1}{15}$	$\frac{61}{675}$	$\frac{14}{75}$	$\frac{307}{675}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}^{2}\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}^{2}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
31160	736	264	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{264}^{3}\ \Phi_{132}^{3}\ \Phi_{88}^{3}\ \Phi_{66}^{3}\ \Phi_{44}^{3}\ \Phi_{33}^{3}\ \Phi_{24}^{2}\ \Phi_{22}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
31161	736	225	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{41}{225}$	$\frac{34}{75}$	$\Phi_{225}^{4}\ \Phi_{75}^{2}\ \Phi_{45}^{4}\ \Phi_{25}^{2}\ \Phi_{15}\ \Phi_{9}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
31162	736	462	$\frac{1}{33}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{462}^{3}\ \Phi_{154}^{3}\ \Phi_{66}^{3}\ \Phi_{42}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{3}\ \Phi_{14}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
31163	736	42	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{5}{21}$	$\frac{19}{42}$	$\Phi_{42}^{32}\ \Phi_{21}^{3}\ \Phi_{14}^{32}\ \Phi_{7}^{3}\ \Phi_{6}^{32}\ \Phi_{3}^{3}\ \Phi_{2}^{32}\ \Phi_{1}^{4}$
31164	736	210	$\frac{3}{35}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{210}^{7}\ \Phi_{70}^{7}\ \Phi_{42}^{4}\ \Phi_{35}^{2}\ \Phi_{30}^{7}\ \Phi_{14}^{4}\ \Phi_{10}^{7}\ \Phi_{7}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
31165	736	189	$\frac{5}{189}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{189}^{4}\ \Phi_{63}^{4}\ \Phi_{27}^{4}\ \Phi_{21}^{4}\ \Phi_{9}^{2}\ \Phi_{7}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
31166	736	735	$\frac{23}{735}$	$\frac{89}{735}$	$\frac{206}{735}$	$\frac{323}{735}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
31167	736	123	$\frac{1}{41}$	$\frac{5}{41}$	$\frac{1}{3}$	$\frac{18}{41}$	$\Phi_{123}^{9}\ \Phi_{3}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
31168	736	1056	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{6}$
31169	736	987	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{987}\ \Phi_{141}^{2}$
31170	736	273	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{89}{273}$	$\frac{3}{7}$	$\Phi_{273}^{4}\ \Phi_{39}^{4}\ \Phi_{21}^{4}\ \Phi_{7}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
31171	736	189	$\frac{5}{189}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{189}^{4}\ \Phi_{63}^{4}\ \Phi_{27}^{4}\ \Phi_{21}^{4}\ \Phi_{9}^{4}\ \Phi_{7}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
31172	736	91	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{22}{91}$	$\frac{3}{7}$	$\Phi_{91}^{8}\ \Phi_{13}^{8}\ \Phi_{7}^{9}\ \Phi_{1}^{10}$
31173	736	840	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}^{2}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}^{2}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
31174	736	455	$\frac{4}{91}$	$\frac{1}{7}$	$\frac{87}{455}$	$\frac{3}{7}$	$\Phi_{455}^{2}\ \Phi_{65}^{2}\ \Phi_{35}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
31175	736	49	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{49}^{16}\ \Phi_{7}^{9}\ \Phi_{1}^{10}$
31176	736	182	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{182}^{4}\ \Phi_{91}^{3}\ \Phi_{26}^{8}\ \Phi_{14}^{4}\ \Phi_{13}^{6}\ \Phi_{7}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
31177	736	1320	$\frac{1}{33}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{6}$
31178	736	315	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{53}{315}$	$\frac{131}{315}$	$\Phi_{315}^{2}\ \Phi_{105}^{2}\ \Phi_{63}^{4}\ \Phi_{45}^{2}\ \Phi_{35}^{2}\ \Phi_{21}^{3}\ \Phi_{15}^{2}\ \Phi_{9}^{4}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
31179	736	799	$\frac{1}{47}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	Φ_{799}
31180	736	735	$\frac{19}{735}$	$\frac{139}{735}$	$\frac{179}{735}$	$\frac{298}{735}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
31181	736	615	$\frac{2}{123}$	$\frac{121}{615}$	$\frac{1}{3}$	$\frac{247}{615}$	$\Phi_{615}\ \Phi_{205}\ \Phi_{123}^{2}\ \Phi_{41}^{2}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
31182	736	95	$\frac{3}{95}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{95}^{8}\ \Phi_{19}^{8}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
31183	736	264	$\frac{1}{24}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{264}^{3}\ \Phi_{132}^{3}\ \Phi_{88}^{3}\ \Phi_{66}^{3}\ \Phi_{44}^{3}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{3}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
31184	736	49	$\frac{3}{49}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{49}^{15}\ \Phi_{7}^{15}\ \Phi_{1}^{16}$
31185	736	75	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{17}{75}$	$\frac{29}{75}$	$\Phi_{75}^{10}\ \Phi_{25}^{10}\ \Phi_{15}^{9}\ \Phi_{5}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
31186	736	105	$\frac{1}{21}$	$\frac{13}{105}$	$\frac{5}{21}$	$\frac{8}{21}$	$\Phi_{105}^{8}\ \Phi_{35}^{8}\ \Phi_{21}^{3}\ \Phi_{15}^{8}\ \Phi_{7}^{3}\ \Phi_{5}^{8}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
31187	736	245	$\frac{9}{245}$	$\frac{38}{245}$	$\frac{59}{245}$	$\frac{93}{245}$	$\Phi_{245}^{3}\ \Phi_{49}^{3}\ \Phi_{35}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
31188	736	185	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{9}{37}$	$\frac{14}{37}$	$\Phi_{185}^{5}\ \Phi_{5}^{4}$
31189	736	735	$\frac{11}{735}$	$\frac{181}{735}$	$\frac{229}{735}$	$\frac{277}{735}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
31190	736	369	$\frac{5}{369}$	$\frac{91}{369}$	$\frac{1}{3}$	$\frac{139}{369}$	$\Phi_{369}^{2}\ \Phi_{123}^{2}\ \Phi_{41}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
31191	736	147	$\frac{1}{49}$	$\frac{12}{49}$	$\frac{37}{147}$	$\frac{55}{147}$	$\Phi_{147}^{4}\ \Phi_{49}^{7}\ \Phi_{21}^{4}\ \Phi_{7}^{7}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
31192	736	396	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{396}^{3}\ \Phi_{132}^{3}\ \Phi_{66}^{3}\ \Phi_{44}^{3}\ \Phi_{36}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{3}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
31193	736	567	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{169}{567}$	$\frac{199}{567}$	$\Phi_{567}\ \Phi_{189}^{2}\ \Phi_{81}\ \Phi_{63}^{2}\ \Phi_{27}^{2}\ \Phi_{21}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
31194	736	35	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{11}{35}$	$\frac{12}{35}$	$\Phi_{35}^{21}\ \Phi_{7}^{21}\ \Phi_{5}^{21}\ \Phi_{1}^{22}$
31195	736	555	$\frac{4}{185}$	$\frac{1}{5}$	$\frac{181}{555}$	$\frac{187}{555}$	$\Phi_{555}\ \Phi_{185}^{2}\ \Phi_{111}\ \Phi_{37}^{2}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
31196	736	93	$\frac{1}{93}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{93}^{8}\ \Phi_{31}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
31197	736	549	$\frac{2}{183}$	$\frac{181}{549}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{549}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
31198	736	183	$\frac{1}{61}$	$\frac{15}{61}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{183}^{3}\ \Phi_{61}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
31199	736	705	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{705}\ \Phi_{235}^{2}$
31200	736	183	$\frac{7}{183}$	$\frac{22}{183}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{183}^{4}\ \Phi_{61}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
31201	736	72	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{72}^{12}\ \Phi_{36}^{12}\ \Phi_{24}^{8}\ \Phi_{18}^{12}\ \Phi_{12}^{8}\ \Phi_{9}^{8}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
31202	736	135	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{135}^{8}\ \Phi_{27}^{8}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
31203	736	561	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{561}\ \Phi_{187}^{2}\ \Phi_{51}^{2}\ \Phi_{17}^{2}$
31204	736	360	$\frac{1}{24}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{90}^{3}\ \Phi_{72}^{3}\ \Phi_{45}^{2}\ \Phi_{36}^{3}\ \Phi_{24}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
31205	736	189	$\frac{5}{189}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{189}^4\ \Phi_{63}^4\ \Phi_{27}^3\ \Phi_{21}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
31206	736	123	$\frac{1}{41}$	$\frac{10}{41}$	$\frac{31}{123}$	$\frac{1}{3}$	$\Phi_{123}^5\ \Phi_{41}^8\ \Phi_3^4\ \Phi_1^8$
31207	736	243	$\frac{7}{243}$	$\frac{2}{9}$	$\frac{59}{243}$	$\frac{1}{3}$	$\Phi_{243}^3\ \Phi_{81}^3\ \Phi_{27}^3\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
31208	736	1365	$\frac{3}{91}$	$\frac{1}{5}$	$\frac{22}{91}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{195}\ \Phi_{105}\ \Phi_{15}^2$
31209	736	369	$\frac{13}{369}$	$\frac{70}{369}$	$\frac{89}{369}$	$\frac{1}{3}$	$\Phi_{369}^2\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
31210	736	90	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{90}^{12}\ \Phi_{45}^6\ \Phi_{30}^8\ \Phi_{18}^{12}\ \Phi_{15}^4\ \Phi_{10}^8\ \Phi_9^8\ \Phi_6^8\ \Phi_5^4\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
31211	736	99	$\frac{7}{99}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{99}^8\ \Phi_{33}^8\ \Phi_{11}^8\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
31212	736	405	$\frac{7}{81}$	$\frac{37}{405}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{405}^2\ \Phi_{135}^2\ \Phi_{81}\ \Phi_{45}^2\ \Phi_{27}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
31213	736	120	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{40}^6\ \Phi_{30}^6\ \Phi_{24}^8\ \Phi_{20}^6\ \Phi_{15}^3\ \Phi_{12}^8\ \Phi_{10}^6\ \Phi_8^8\ \Phi_6^8\ \Phi_5^6\ \Phi_4^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
31214	736	735	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{735}^2\ \Phi_{105}\ \Phi_{15}^2$
31215	736	390	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{390}^4\ \Phi_{195}^3\ \Phi_{30}^4\ \Phi_{15}^4$
31216	736	225	$\frac{2}{25}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{225}^4\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{25}^4\ \Phi_{15}\ \Phi_9^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
31217	736	225	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{225}$	$\frac{1}{3}$	$\Phi_{225}^4\ \Phi_{75}^4\ \Phi_{25}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
31218	736	405	$\frac{37}{405}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{405}^2\ \Phi_{135}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
31219	736	27	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{27}^{32}\ \Phi_9^{18}\ \Phi_3^{17}\ \Phi_1^{18}$
31220	736	315	$\frac{1}{9}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{315}^3\ \Phi_{105}^2\ \Phi_{63}^3\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
31221	736	135	$\frac{2}{45}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{43}{135}$	$\Phi_{135}^8\ \Phi_{27}^8\ \Phi_5^3\ \Phi_1^4$
31222	736	1023	$\frac{1}{11}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{10}{33}$	$\Phi_{1023}\ \Phi_{93}\ \Phi_{33}^2\ \Phi_{31}\ \Phi_3^2\ \Phi_1^2$
31223	736	495	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{495}^2\ \Phi_{165}\ \Phi_{55}^2\ \Phi_{45}^3\ \Phi_{15}^2\ \Phi_5^2$
31224	736	90	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{7}{30}$	$\frac{13}{45}$	$\Phi_{90}^{15}\ \Phi_{45}^8\ \Phi_{30}^2\ \Phi_{18}^{15}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^8\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
31225	736	147	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{147}^7\ \Phi_{49}^2\ \Phi_{21}^4\ \Phi_7\ \Phi_3^4\ \Phi_1^2$
31226	736	140	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{140}^7\ \Phi_{70}^7\ \Phi_{35}^2\ \Phi_{28}^4\ \Phi_{20}^7\ \Phi_{14}^4\ \Phi_{10}^7\ \Phi_7\ \Phi_5^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
31227	736	225	$\frac{1}{15}$	$\frac{41}{225}$	$\frac{14}{75}$	$\frac{61}{225}$	$\Phi_{225}^3\ \Phi_{75}^4\ \Phi_{45}^3\ \Phi_{25}^4\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
31228	736	63	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{5}{21}$	$\frac{17}{63}$	$\Phi_{63}^{16}\ \Phi_{21}^3\ \Phi_9^{16}\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
31229	736	195	$\frac{11}{195}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{195}^4\ \Phi_{65}^4\ \Phi_{39}^4\ \Phi_{13}^4\ \Phi_5^3\ \Phi_1^4$
31230	736	75	$\frac{2}{25}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{75}^9\ \Phi_{25}^{11}\ \Phi_{15}^{10}\ \Phi_5^{11}\ \Phi_3^{10}\ \Phi_1^{12}$
31231	736	49	$\frac{3}{49}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{49}^{15}\ \Phi_7^{15}\ \Phi_1^{16}$
31232	736	279	$\frac{3}{31}$	$\frac{1}{9}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{279}^3\ \Phi_{93}^3\ \Phi_9^2\ \Phi_3^2$
31233	736	30	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{7}{30}$	$\Phi_{30}^{32}\ \Phi_{15}^{16}\ \Phi_{10}^{32}\ \Phi_6^{32}\ \Phi_5^{19}\ \Phi_3^{16}\ \Phi_2^{32}\ \Phi_1^{20}$
31234	736	175	$\frac{3}{35}$	$\frac{27}{175}$	$\frac{37}{175}$	$\frac{8}{35}$	$\Phi_{175}^4\ \Phi_{35}^5\ \Phi_{25}^4\ \Phi_7^5\ \Phi_5^5\ \Phi_1^6$
31235	736	25	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{25}^{32}\ \Phi_5^{19}\ \Phi_1^{20}$
31236	736	225	$\frac{4}{45}$	$\frac{41}{225}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{225}^4\ \Phi_{75}^4\ \Phi_{25}^4\ \Phi_5^3\ \Phi_1^4$
31237	736	135	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{135}^6\ \Phi_{45}^3\ \Phi_{27}^8\ \Phi_{15}^3\ \Phi_9^4\ \Phi_5^6\ \Phi_3^4\ \Phi_1^8$
31238	736	105	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{105}^8\ \Phi_{35}^8\ \Phi_{21}^8\ \Phi_7^8\ \Phi_5^3\ \Phi_1^4$
31239	737	660	$\frac{1}{66}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{65}{132}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{132}\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
31240	737	660	$\frac{1}{66}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{65}{132}$	$\Phi_{660}^2\ \Phi_{220}^2\ \Phi_{132}^3\ \Phi_{60}^2\ \Phi_{44}^3\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
31241	737	888	$\frac{3}{148}$	$\frac{151}{888}$	$\frac{1}{4}$	$\frac{145}{296}$	$\Phi_{888}\ \Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
31242	737	1440	$\frac{17}{720}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{703}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
31243	737	1440	$\frac{17}{720}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{703}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
31244	737	992	$\frac{7}{248}$	$\frac{1}{8}$	$\frac{255}{992}$	$\frac{241}{496}$	$\Phi_{992}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{32}\ \Phi_{31}\ \Phi_1$
31245	737	128	$\frac{1}{32}$	$\frac{3}{64}$	$\frac{61}{128}$	$\frac{31}{64}$	$\Phi_{128}^{11}\ \Phi_{64}\ \Phi_1$
31246	737	128	$\frac{3}{64}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{61}{128}$	$\Phi_{128}^{11}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
31247	737	384	$\frac{3}{64}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{384}^4\ \Phi_{128}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
31248	737	1380	$\frac{1}{23}$	$\frac{47}{690}$	$\frac{22}{69}$	$\frac{643}{1380}$	$\Phi_{1380}\ \Phi_{460}\ \Phi_{276}\ \Phi_{92}\ \Phi_{69}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
31249	737	92	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{25}{92}$	$\frac{21}{46}$	$\Phi_{92}^{11}\ \Phi_{23}^{10}\ \Phi_4^{11}\ \Phi_1^{11}$
31250	737	1344	$\frac{1}{32}$	$\frac{65}{672}$	$\frac{31}{96}$	$\frac{607}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
31251	737	1380	$\frac{2}{69}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1380}\ \Phi_{460}\ \Phi_{276}\ \Phi_{92}\ \Phi_{69}\ \Phi_{23}\ \Phi_{20}\ \Phi_4\ \Phi_1$
31252	737	1980	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{32}{99}$	$\frac{9}{20}$	$\Phi_{1980}\ \Phi_{396}\ \Phi_{180}\ \Phi_{99}\ \Phi_{36}\ \Phi_{20}\ \Phi_9\ \Phi_4\ \Phi_1$
31253	737	140	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{140}^4\ \Phi_{70}^7\ \Phi_{35}^7\ \Phi_{28}^4\ \Phi_{20}^3\ \Phi_{14}^7\ \Phi_{10}^5\ \Phi_7^7\ \Phi_5^5\ \Phi_4^2\ \Phi_2^4\ \Phi_1^5$
31254	737	440	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{21}{88}$	$\frac{9}{20}$	$\Phi_{440}^2\ \Phi_{110}^2\ \Phi_{88}^3\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{40}^2\ \Phi_{22}^2\ \Phi_{20}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
31255	737	360	$\frac{5}{72}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^3\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
31256	737	1540	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{10}{77}$	$\frac{9}{20}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{140}\ \Phi_{77}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_4\ \Phi_1$
31257	737	1024	$\frac{1}{32}$	$\frac{31}{256}$	$\frac{287}{1024}$	$\frac{225}{512}$	$\Phi_{1024}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_1$
31258	737	760	$\frac{23}{760}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{10}\ \Phi_5\ \Phi_1$
31259	737	1280	$\frac{1}{32}$	$\frac{97}{640}$	$\frac{31}{128}$	$\frac{543}{1280}$	$\Phi_{1280}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_1$
31260	737	612	$\frac{1}{68}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{612}\ \Phi_{306}\ \Phi_{204}^2\ \Phi_{153}\ \Phi_{102}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{36}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
31261	737	1184	$\frac{3}{148}$	$\frac{145}{592}$	$\frac{1}{4}$	$\frac{447}{1184}$	$\Phi_{1184}\ \Phi_{148}\ \Phi_{74}\ \Phi_{37}\ \Phi_{32}\ \Phi_1$
31262	737	272	$\frac{1}{68}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{272}^4\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
31263	737	72	$\frac{5}{72}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^{11}\ \Phi_{36}^{11}\ \Phi_{24}^7\ \Phi_{18}^{11}\ \Phi_{12}^{10}\ \Phi_9^{11}\ \Phi_8^8\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
31264	737	1152	$\frac{1}{32}$	$\frac{31}{192}$	$\frac{161}{576}$	$\frac{415}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
31265	737	768	$\frac{31}{768}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
31266	737	204	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{204}^4\ \Phi_{102}^3\ \Phi_{68}^4\ \Phi_{51}^4\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
31267	737	828	$\frac{1}{23}$	$\frac{91}{828}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{92}\ \Phi_{69}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
31268	737	1104	$\frac{1}{92}$	$\frac{91}{276}$	$\frac{367}{1104}$	$\frac{185}{552}$	$\Phi_{1104}\ \Phi_{368}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
31269	737	345	$\frac{2}{69}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{345}^2\ \Phi_{115}^2\ \Phi_{69}^3\ \Phi_{23}^3\ \Phi_{15}\ \Phi_3\ \Phi_1$
31270	737	495	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{32}{99}$	$\Phi_{495}^2\ \Phi_{99}^3\ \Phi_{45}^2\ \Phi_{15}\ \Phi_9^3\ \Phi_3\ \Phi_1$
31271	737	1035	$\frac{1}{23}$	$\frac{47}{345}$	$\frac{298}{1035}$	$\frac{22}{69}$	$\Phi_{1035}\ \Phi_{207}\ \Phi_{69}\ \Phi_{45}\ \Phi_9\ \Phi_3\ \Phi_1$
31272	737	1080	$\frac{17}{360}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{343}{1080}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
31273	737	1080	$\frac{17}{360}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{343}{1080}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
31274	737	96	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{29}{96}$	$\frac{5}{16}$	$\Phi_{96}^{11}\ \Phi_{48}^{11}\ \Phi_{24}^{11}\ \Phi_{16}^2\ \Phi_{12}^{11}\ \Phi_8^2\ \Phi_6^{11}\ \Phi_4^2\ \Phi_3^{11}\ \Phi_2^2\ \Phi_1^3$
31275	737	80	$\frac{1}{16}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{5}{16}$	$\Phi_{80}^{11}\ \Phi_{40}^{11}\ \Phi_{20}^{11}\ \Phi_{16}^2\ \Phi_{10}^{11}\ \Phi_8^2\ \Phi_5^{11}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
31276	737	96	$\frac{1}{12}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{96}^7\ \Phi_{48}^7\ \Phi_{32}^8\ \Phi_{24}^7\ \Phi_{16}^8\ \Phi_{12}^{10}\ \Phi_8^8\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
31277	737	72	$\frac{5}{72}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{72}^{10}\ \Phi_{36}^{10}\ \Phi_{24}^{11}\ \Phi_{18}^{10}\ \Phi_{12}^{11}\ \Phi_9^{10}\ \Phi_8^{10}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
31278	737	960	$\frac{17}{240}$	$\frac{1}{8}$	$\frac{223}{960}$	$\frac{7}{24}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
31279	737	864	$\frac{17}{144}$	$\frac{1}{8}$	$\frac{127}{864}$	$\frac{7}{24}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
31280	737	840	$\frac{103}{840}$	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{7}{24}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
31281	737	780	$\frac{43}{780}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_1$
31282	737	92	$\frac{7}{92}$	$\frac{15}{92}$	$\frac{17}{92}$	$\frac{25}{92}$	$\Phi_{92}^8\ \Phi_{46}^8\ \Phi_{23}^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
31283	737	1320	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{21}{88}$	$\frac{4}{15}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{264}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{60}\ \Phi_{44}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
31284	737	360	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^3\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
31285	737	1155	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{105}\ \Phi_{77}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_3\ \Phi_1$
31286	737	960	$\frac{17}{240}$	$\frac{3}{20}$	$\frac{223}{960}$	$\frac{1}{4}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
31287	737	800	$\frac{63}{800}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
31288	737	240	$\frac{1}{12}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^3\ \Phi_{60}^4\ \Phi_{40}^3\ \Phi_{30}^4\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
31289	737	900	$\frac{17}{180}$	$\frac{3}{20}$	$\frac{163}{900}$	$\frac{1}{4}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
31290	737	840	$\frac{103}{840}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
31291	738	1220	$\frac{1}{122}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{121}{244}$	$\Phi_{1220}\ \Phi_{244}^2\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
31292	738	732	$\frac{1}{122}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{121}{244}$	$\Phi_{732}\ \Phi_{366}^2\ \Phi_{183}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
31293	738	2190	$\frac{4}{365}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{361}{730}$	$\Phi_{2190}\ \Phi_{438}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
31294	738	1296	$\frac{1}{81}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{40}{81}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{81}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
31295	738	324	$\frac{1}{81}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{40}{81}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^3\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
31296	738	444	$\frac{1}{74}$	$\frac{25}{148}$	$\frac{1}{3}$	$\frac{73}{148}$	$\Phi_{444}^2\ \Phi_{222}^3\ \Phi_{111}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
31297	738	670	$\frac{1}{67}$	$\frac{34}{335}$	$\frac{301}{670}$	$\frac{33}{67}$	$\Phi_{670}^2\ \Phi_{134}^2\ \Phi_{67}\ \Phi_{10}^2\ \Phi_2^2\ \Phi_1^2$
31298	738	242	$\frac{2}{121}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{119}{242}$	$\Phi_{242}^6\ \Phi_{22}^6\ \Phi_{11}\ \Phi_2^6\ \Phi_1^2$
31299	738	737	$\frac{13}{737}$	$\frac{125}{737}$	$\frac{204}{737}$	$\frac{362}{737}$	$\Phi_{737}\ \Phi_{67}\ \Phi_{11}\ \Phi_1^2$
31300	738	988	$\frac{5}{247}$	$\frac{42}{247}$	$\frac{1}{4}$	$\frac{121}{247}$	$\Phi_{988}\ \Phi_{494}\ \Phi_{76}\ \Phi_{52}\ \Phi_{38}\ \Phi_{26}$
31301	738	1360	$\frac{1}{40}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{39}{80}$	$\Phi_{1360}\ \Phi_{272}\ \Phi_{80}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_1^2$
31302	738	240	$\frac{1}{40}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{240}^9\ \Phi_{48}^9\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
31303	738	1360	$\frac{1}{40}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{39}{80}$	$\Phi_{1360}\ \Phi_{272}\ \Phi_{80}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_1^2$
31304	738	560	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{39}{80}$	$\Phi_{560}^3\ \Phi_{112}^3\ \Phi_{28}\ \Phi_{14}$
31305	738	704	$\frac{17}{352}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{335}{704}$	$\Phi_{704}^2\ \Phi_{64}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
31306	738	1482	$\frac{2}{39}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{1482}\ \Phi_{494}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
31307	738	156	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{37}{78}$	$\Phi_{156}^6\ \Phi_{52}^7\ \Phi_{39}^6\ \Phi_{26}\ \Phi_{13}^6\ \Phi_{12}^6\ \Phi_4^6\ \Phi_3^6\ \Phi_1^6$
31308	738	532	$\frac{1}{19}$	$\frac{10}{133}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{532}^2\ \Phi_{266}^2\ \Phi_{76}\ \Phi_{38}\ \Phi_{28}^2\ \Phi_{14}^2$
31309	738	1020	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{19}{60}$	$\frac{8}{17}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{204}\ \Phi_{102}\ \Phi_{60}^2\ \Phi_{51}\ \Phi_{30}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
31310	738	748	$\frac{1}{17}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{748}\ \Phi_{374}\ \Phi_{187}\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{17}\ \Phi_{11}^2\ \Phi_1^2$
31311	738	765	$\frac{1}{17}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}\ \Phi_{51}\ \Phi_{45}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
31312	738	850	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{8}{17}$	$\Phi_{850}\ \Phi_{425}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{17}\ \Phi_1^2$
31313	738	816	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{8}{17}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
31314	738	77	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{36}{77}$	$\Phi_{77}^{9}\ \Phi_{11}^{13}\ \Phi_{7}^{9}\ \Phi_{1}^{14}$
31315	738	1064	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{1064}\ \Phi_{266}\ \Phi_{152}\ \Phi_{133}\ \Phi_{38}$
31316	738	134	$\frac{5}{67}$	$\frac{11}{134}$	$\frac{12}{67}$	$\frac{31}{67}$	$\Phi_{134}^{6}\ \Phi_{67}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
31317	738	260	$\frac{7}{130}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{260}^{4}\ \Phi_{130}^{2}\ \Phi_{65}^{2}\ \Phi_{52}^{3}\ \Phi_{26}\ \Phi_{20}^{4}\ \Phi_{13}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
31318	738	76	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{1}{4}$	$\frac{35}{76}$	$\Phi_{76}^{7}\ \Phi_{38}^{13}\ \Phi_{19}^{12}\ \Phi_{4}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
31319	738	484	$\frac{6}{121}$	$\frac{1}{11}$	$\frac{115}{484}$	$\frac{5}{11}$	$\Phi_{484}^{2}\ \Phi_{242}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
31320	738	44	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{44}^{18}\ \Phi_{22}^{18}\ \Phi_{11}^{13}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{14}$
31321	738	1140	$\frac{11}{380}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{285}\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
31322	738	222	$\frac{1}{37}$	$\frac{4}{37}$	$\frac{1}{3}$	$\frac{33}{74}$	$\Phi_{222}^{9}\ \Phi_{111}\ \Phi_{6}^{9}$
31323	738	336	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{336}^{4}\ \Phi_{112}^{4}\ \Phi_{48}^{3}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{16}^{4}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
31324	738	432	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{13}{54}$	$\frac{7}{16}$	$\Phi_{432}^{3}\ \Phi_{144}^{3}\ \Phi_{54}^{2}\ \Phi_{48}^{3}\ \Phi_{27}\ \Phi_{18}^{2}\ \Phi_{16}^{4}\ \Phi_{9}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
31325	738	720	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{720}^{2}\ \Phi_{240}^{2}\ \Phi_{144}\ \Phi_{80}^{2}\ \Phi_{48}\ \Phi_{45}^{2}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
31326	738	1368	$\frac{1}{19}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{152}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
31327	738	912	$\frac{1}{19}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{152}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
31328	738	1330	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{1330}\ \Phi_{266}\ \Phi_{190}\ \Phi_{133}\ \Phi_{38}$
31329	738	305	$\frac{1}{61}$	$\frac{1}{5}$	$\frac{20}{61}$	$\frac{2}{5}$	$\Phi_{305}^{2}\ \Phi_{61}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{6}$
31330	738	420	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{420}^{2}\ \Phi_{210}\ \Phi_{140}^{2}\ \Phi_{105}\ \Phi_{84}^{4}\ \Phi_{70}\ \Phi_{60}^{2}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^{4}\ \Phi_{21}^{2}$ $\Phi_{20}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{12}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
31331	738	67	$\frac{1}{67}$	$\frac{15}{67}$	$\frac{22}{67}$	$\frac{26}{67}$	$\Phi_{67}^{11}\ \Phi_{1}^{12}$
31332	738	67	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{15}{67}$	$\frac{26}{67}$	$\Phi_{67}^{11}\ \Phi_{1}^{12}$
31333	738	44	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{44}^{16}\ \Phi_{22}^{18}\ \Phi_{11}^{17}\ \Phi_{4}^{16}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
31334	738	536	$\frac{1}{67}$	$\frac{33}{134}$	$\frac{167}{536}$	$\frac{101}{268}$	$\Phi_{536}^{2}\ \Phi_{134}^{2}\ \Phi_{67}\ \Phi_{8}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
31335	738	1776	$\frac{1}{74}$	$\frac{73}{296}$	$\frac{1}{3}$	$\frac{223}{592}$	$\Phi_{1776}\ \Phi_{222}\ \Phi_{111}\ \Phi_{48}\ \Phi_{6}$
31336	738	896	$\frac{5}{128}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{28}\ \Phi_{14}$
31337	738	798	$\frac{1}{42}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{266}\ \Phi_{133}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
31338	738	134	$\frac{4}{67}$	$\frac{11}{134}$	$\frac{21}{67}$	$\frac{23}{67}$	$\Phi_{134}^{6}\ \Phi_{67}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
31339	738	187	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{59}{187}$	$\frac{64}{187}$	$\Phi_{187}^{4}\ \Phi_{17}^{4}\ \Phi_{11}^{3}\ \Phi_{1}^{4}$
31340	738	434	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{10}{31}$	$\frac{21}{62}$	$\Phi_{434}^{3}\ \Phi_{217}\ \Phi_{14}^{3}$
31341	738	737	$\frac{14}{737}$	$\frac{163}{737}$	$\frac{241}{737}$	$\frac{248}{737}$	$\Phi_{737}\ \Phi_{67}\ \Phi_{11}\ \Phi_{1}^{2}$
31342	738	988	$\frac{4}{247}$	$\frac{1}{4}$	$\frac{81}{247}$	$\frac{83}{247}$	$\Phi_{988}\ \Phi_{494}\ \Phi_{76}\ \Phi_{52}\ \Phi_{38}\ \Phi_{26}$
31343	738	732	$\frac{1}{61}$	$\frac{1}{4}$	$\frac{20}{61}$	$\frac{1}{3}$	$\Phi_{732}^{2}\ \Phi_{366}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
31344	738	1110	$\frac{7}{370}$	$\frac{83}{370}$	$\frac{121}{370}$	$\frac{1}{3}$	$\Phi_{1110}\ \Phi_{555}\ \Phi_{222}\ \Phi_{111}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
31345	738	444	$\frac{1}{37}$	$\frac{25}{148}$	$\frac{12}{37}$	$\frac{1}{3}$	$\Phi_{444}^{3}\ \Phi_{222}^{3}\ \Phi_{111}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
31346	738	60	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{60}^{9}\ \Phi_{30}^{10}\ \Phi_{20}^{18}\ \Phi_{15}^{10}\ \Phi_{12}^{9}\ \Phi_{10}^{18}\ \Phi_{6}^{10}\ \Phi_{5}^{18}\ \Phi_{4}^{18}\ \Phi_{3}^{9}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
31347	738	390	$\frac{7}{130}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{390}^{3}\ \Phi_{195}^{3}\ \Phi_{78}^{3}\ \Phi_{39}^{3}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
31348	738	84	$\frac{1}{42}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^{8}\ \Phi_{42}^{10}\ \Phi_{28}^{8}\ \Phi_{21}^{10}\ \Phi_{14}^{10}\ \Phi_{12}^{6}\ \Phi_{7}^{10}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
31349	738	660	$\frac{3}{44}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{165}^{2}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
31350	738	480	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{37}{160}$	$\frac{1}{3}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{96}^{3}\ \Phi_{48}^{3}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
31351	738	1200	$\frac{31}{400}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{75}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
31352	738	90	$\frac{4}{45}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{90}^{10}\ \Phi_{45}^{8}\ \Phi_{30}^{6}\ \Phi_{18}^{10}\ \Phi_{15}^{5}\ \Phi_{10}^{10}\ \Phi_{9}^{8}\ \Phi_{6}^{6}\ \Phi_{5}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{10}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
31353	738	150	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{150}^{9}\ \Phi_{75}^{9}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
31354	738	420	$\frac{1}{10}$	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{1}{3}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{42}^{3}\ \Phi_{30}\ \Phi_{21}^{3}\ \Phi_{15}\ \Phi_{6}$
31355	738	240	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{240}^{4}\ \Phi_{120}^{2}\ \Phi_{80}^{4}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{40}^{4}\ \Phi_{30}^{3}\ \Phi_{24}\ \Phi_{20}^{4}\ \Phi_{16}^{2}\ \Phi_{15}^{3}\ \Phi_{12}\ \Phi_{10}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
31356	738	121	$\frac{4}{121}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{39}{121}$	$\Phi_{121}^{6}\ \Phi_{11}^{7}\ \Phi_{1}^{8}$
31357	738	1020	$\frac{1}{20}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{19}{60}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{204}\ \Phi_{102}\ \Phi_{60}^{2}\ \Phi_{51}\ \Phi_{30}^{2}\ \Phi_{17}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
31358	738	420	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{19}{60}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{42}^{3}\ \Phi_{28}\ \Phi_{21}^{3}\ \Phi_{14}$
31359	738	380	$\frac{1}{19}$	$\frac{13}{95}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{380}^{3}\ \Phi_{190}^{3}\ \Phi_{76}\ \Phi_{38}\ \Phi_{20}^{3}\ \Phi_{10}^{3}$
31360	738	364	$\frac{1}{13}$	$\frac{9}{91}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{364}^{3}\ \Phi_{182}^{3}\ \Phi_{52}\ \Phi_{28}^{3}\ \Phi_{26}\ \Phi_{14}^{3}$
31361	738	176	$\frac{1}{11}$	$\frac{17}{176}$	$\frac{5}{22}$	$\frac{53}{176}$	$\Phi_{176}^{4}\ \Phi_{88}^{4}\ \Phi_{44}^{4}\ \Phi_{22}^{6}\ \Phi_{16}^{4}\ \Phi_{11}^{5}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
31362	738	468	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{4}$	$\frac{35}{117}$	$\Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{52}\ \Phi_{36}^{3}\ \Phi_{26}\ \Phi_{18}^{3}$
31363	738	748	$\frac{3}{44}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{748}\ \Phi_{374}\ \Phi_{187}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{17}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
31364	738	765	$\frac{4}{45}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}\ \Phi_{51}\ \Phi_{45}^{2}\ \Phi_{17}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
31365	738	850	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{9}{50}$	$\frac{5}{17}$	$\Phi_{850}\ \Phi_{425}\ \Phi_{50}^{2}\ \Phi_{25}^{2}\ \Phi_{17}\ \Phi_{1}^{2}$
31366	738	816	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{5}{17}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
31367	738	228	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{1}{4}$	$\frac{16}{57}$	$\Phi_{228}^{6}\ \Phi_{114}^{6}\ \Phi_{76}\ \Phi_{38}\ \Phi_{12}^{6}\ \Phi_{6}^{6}$
31368	738	1026	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{1026}\ \Phi_{513}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
31369	738	108	$\frac{1}{27}$	$\frac{13}{54}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{108}^{6}\ \Phi_{54}^{8}\ \Phi_{36}^{6}\ \Phi_{27}^{7}\ \Phi_{18}^{8}\ \Phi_{12}^{6}\ \Phi_{9}^{7}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
31370	738	308	$\frac{3}{44}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{308}^{3}\ \Phi_{154}^{3}\ \Phi_{77}^{3}\ \Phi_{28}\ \Phi_{14}$
31371	738	180	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{180}^{4}\ \Phi_{90}^{4}\ \Phi_{60}^{4}\ \Phi_{45}^{6}\ \Phi_{36}^{2}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{18}^{2}\ \Phi_{15}^{6}\ \Phi_{12}^{2}\ \Phi_{10}^{4}\ \Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
31372	738	152	$\frac{1}{19}$	$\frac{29}{152}$	$\frac{9}{38}$	$\frac{1}{4}$	$\Phi_{152}^{6}\ \Phi_{76}^{3}\ \Phi_{38}^{5}\ \Phi_{19}^{4}\ \Phi_{8}^{6}\ \Phi_{4}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
31373	738	1120	$\frac{3}{40}$	$\frac{1}{7}$	$\frac{37}{160}$	$\frac{1}{4}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{224}\ \Phi_{112}\ \Phi_{28}\ \Phi_{14}$
31374	738	52	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{52}$	$\frac{1}{4}$	$\Phi_{52}^{13}\ \Phi_{26}^{13}\ \Phi_{13}^{18}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{18}$
31375	738	1260	$\frac{4}{45}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}$
31376	738	700	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{50}$	$\frac{1}{4}$	$\Phi_{700}^{2}\ \Phi_{350}\ \Phi_{175}\ \Phi_{28}\ \Phi_{14}$
31377	738	140	$\frac{17}{140}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{140}^{5}\ \Phi_{70}^{5}\ \Phi_{35}^{5}\ \Phi_{28}^{6}\ \Phi_{20}^{6}\ \Phi_{14}^{6}\ \Phi_{10}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
31378	738	336	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{48}$	$\frac{1}{4}$	$\Phi_{336}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{3}\ \Phi_{84}^{3}\ \Phi_{42}^{3}\ \Phi_{28}\ \Phi_{21}^{3}\ \Phi_{14}$
31379	738	440	$\frac{1}{11}$	$\frac{71}{440}$	$\frac{17}{88}$	$\frac{5}{22}$	$\Phi_{440}^{2}\ \Phi_{220}^{2}\ \Phi_{110}^{2}\ \Phi_{55}^{2}\ \Phi_{40}^{2}\ \Phi_{22}^{2}\ \Phi_{20}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
31380	739	1464	$\frac{7}{732}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{725}{1464}$	$\Phi_{1464}\ \Phi_{488}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
31381	739	1312	$\frac{1}{82}$	$\frac{83}{656}$	$\frac{573}{1312}$	$\frac{81}{164}$	$\Phi_{1312}\ \Phi_{164}\ \Phi_{32}\ \Phi_{4}\ \Phi_{1}$
31382	739	984	$\frac{1}{82}$	$\frac{245}{984}$	$\frac{83}{328}$	$\frac{81}{164}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
31383	739	1440	$\frac{19}{720}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{701}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{36}\ \Phi_{32}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
31384	739	1440	$\frac{19}{720}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{701}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
31385	739	798	$\frac{2}{57}$	$\frac{59}{798}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{266}\ \Phi_{133}\ \Phi_{57}\ \Phi_{42}\ \Phi_{21}\ \Phi_{19}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
31386	739	780	$\frac{2}{39}$	$\frac{41}{780}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
31387	739	1404	$\frac{2}{39}$	$\frac{37}{702}$	$\frac{1}{3}$	$\frac{665}{1404}$	$\Phi_{1404}\ \Phi_{468}\ \Phi_{156}\ \Phi_{108}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
31388	739	1404	$\frac{37}{702}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{665}{1404}$	$\Phi_{1404}\ \Phi_{468}\ \Phi_{156}\ \Phi_{108}\ \Phi_{54}\ \Phi_{52}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
31389	739	1080	$\frac{19}{360}$	$\frac{1}{18}$	$\frac{341}{1080}$	$\frac{17}{36}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
31390	739	792	$\frac{1}{18}$	$\frac{53}{792}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
31391	739	900	$\frac{1}{18}$	$\frac{19}{180}$	$\frac{161}{900}$	$\frac{17}{36}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{36}\ \Phi_{25}\ \Phi_{12}\ \Phi_4\ \Phi_1$
31392	739	864	$\frac{1}{18}$	$\frac{19}{144}$	$\frac{125}{864}$	$\frac{17}{36}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
31393	739	1008	$\frac{1}{18}$	$\frac{17}{252}$	$\frac{269}{1008}$	$\frac{235}{504}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
31394	739	1368	$\frac{2}{57}$	$\frac{55}{684}$	$\frac{1}{3}$	$\frac{629}{1368}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{152}\ \Phi_{72}\ \Phi_{57}\ \Phi_{24}\ \Phi_{19}\ \Phi_8\ \Phi_1$
31395	739	1296	$\frac{1}{18}$	$\frac{91}{648}$	$\frac{17}{108}$	$\frac{557}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
31396	739	864	$\frac{1}{18}$	$\frac{125}{864}$	$\frac{17}{108}$	$\frac{91}{216}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
31397	739	1260	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{109}{630}$	$\frac{521}{1260}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
31398	739	768	$\frac{29}{768}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
31399	739	1116	$\frac{5}{186}$	$\frac{1}{6}$	$\frac{181}{558}$	$\frac{377}{1116}$	$\Phi_{1116}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{36}\ \Phi_{31}\ \Phi_{12}\ \Phi_4\ \Phi_1$
31400	739	855	$\frac{2}{57}$	$\frac{116}{855}$	$\frac{55}{171}$	$\frac{1}{3}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{95}\ \Phi_{57}\ \Phi_{45}\ \Phi_{19}\ \Phi_{15}\ \Phi_5\ \Phi_1$
31401	739	819	$\frac{2}{39}$	$\frac{80}{819}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{91}\ \Phi_{63}\ \Phi_{39}\ \Phi_{21}\ \Phi_{13}\ \Phi_7\ \Phi_1$
31402	739	1053	$\frac{2}{39}$	$\frac{37}{351}$	$\frac{314}{1053}$	$\frac{1}{3}$	$\Phi_{1053}\ \Phi_{81}\ \Phi_{39}\ \Phi_{13}\ \Phi_1$
31403	739	1026	$\frac{2}{57}$	$\frac{55}{342}$	$\frac{287}{1026}$	$\frac{1}{3}$	$\Phi_{1026}\ \Phi_{513}\ \Phi_{57}\ \Phi_{54}\ \Phi_{27}\ \Phi_{19}\ \Phi_1$
31404	739	912	$\frac{2}{57}$	$\frac{173}{912}$	$\frac{55}{228}$	$\frac{1}{3}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{152}\ \Phi_{57}\ \Phi_{48}\ \Phi_{24}\ \Phi_{19}\ \Phi_{16}\ \Phi_8\ \Phi_1$
31405	739	936	$\frac{2}{39}$	$\frac{37}{234}$	$\frac{197}{936}$	$\frac{1}{3}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
31406	739	1080	$\frac{19}{360}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{341}{1080}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
31407	739	972	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{233}{972}$	$\frac{91}{324}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
31408	739	792	$\frac{53}{792}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
31409	739	960	$\frac{19}{240}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{221}{960}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
31410	739	840	$\frac{101}{840}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
31411	739	864	$\frac{19}{144}$	$\frac{125}{864}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
31412	740	1104	$\frac{1}{184}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{183}{368}$	$\Phi_{1104}\ \Phi_{368}^2\ \Phi_{48}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
31413	740	1176	$\frac{1}{147}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{73}{147}$	$\Phi_{1176}\ \Phi_{392}\ \Phi_{168}\ \Phi_{147}\ \Phi_{56}\ \Phi_{49}\ \Phi_{24}\ \Phi_{21}\ \Phi_8^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
31414	740	1830	$\frac{2}{183}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{181}{366}$	$\Phi_{1830}\ \Phi_{610}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
31415	740	657	$\frac{1}{73}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{36}{73}$	$\Phi_{657}\ \Phi_{219}\ \Phi_{73}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
31416	740	438	$\frac{1}{73}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{36}{73}$	$\Phi_{438}^2\ \Phi_{219}\ \Phi_{146}^2\ \Phi_{73}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
31417	740	739	$\frac{11}{739}$	$\frac{75}{739}$	$\frac{332}{739}$	$\frac{364}{739}$	$\Phi_{739}\ \Phi_1^2$
31418	740	1240	$\frac{1}{62}$	$\frac{1}{5}$	$\frac{63}{248}$	$\frac{61}{124}$	$\Phi_{1240}\ \Phi_{310}\ \Phi_{155}\ \Phi_{40}\ \Phi_{10}$
31419	740	1092	$\frac{3}{182}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{179}{364}$	$\Phi_{1092}^2\ \Phi_{156}^2\ \Phi_{84}^2\ \Phi_{21}\ \Phi_{12}^2$
31420	740	636	$\frac{1}{53}$	$\frac{27}{212}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{636}^2\ \Phi_{318}^2\ \Phi_{159}\ \Phi_{12}^2\ \Phi_6^2$
31421	740	894	$\frac{3}{149}$	$\frac{1}{6}$	$\frac{38}{149}$	$\frac{73}{149}$	$\Phi_{894}\ \Phi_{447}\ \Phi_{298}$
31422	740	739	$\frac{17}{739}$	$\frac{110}{739}$	$\frac{189}{739}$	$\frac{361}{739}$	$\Phi_{739}\ \Phi_1^2$
31423	740	1113	$\frac{9}{371}$	$\frac{38}{371}$	$\frac{1}{3}$	$\frac{181}{371}$	$\Phi_{1113}\ \Phi_{159}\ \Phi_{21}$
31424	740	1368	$\frac{1}{36}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{35}{72}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{152}\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
31425	740	792	$\frac{1}{36}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{792}^2\ \Phi_{264}^2\ \Phi_{88}^2\ \Phi_{33}$
31426	740	1368	$\frac{1}{36}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{35}{72}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{152}\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_1^2$
31427	740	360	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{35}{72}$	$\Phi_{360}^5\ \Phi_{120}^5\ \Phi_{40}^5\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
31428	740	550	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{550}^2\ \Phi_{275}\ \Phi_{110}^2\ \Phi_{55}\ \Phi_{22}^2$
31429	740	741	$\frac{2}{39}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{741}\ \Phi_{247}\ \Phi_{39}^2\ \Phi_{19}\ \Phi_{13}^2\ \Phi_1^2$
31430	740	1026	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{9}{19}$	$\Phi_{1026}\ \Phi_{513}\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{19}\ \Phi_1^2$
31431	740	760	$\frac{1}{19}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_1^2$
31432	740	912	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{9}{19}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{152}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
31433	740	855	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{9}{19}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{95}\ \Phi_{45}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
31434	740	798	$\frac{1}{19}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{266}\ \Phi_{133}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{19}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
31435	740	770	$\frac{2}{35}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{770}^2\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{55}\ \Phi_{22}^2$
31436	740	495	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{495}^2\ \Phi_{165}\ \Phi_{99}^2\ \Phi_{55}\ \Phi_{33}$
31437	740	342	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{342}^2\ \Phi_{171}^2\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{18}^2\ \Phi_6^3\ \Phi_2^2$
31438	740	189	$\frac{4}{189}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{189}^4\ \Phi_{63}^4\ \Phi_{27}^4\ \Phi_{21}^3\ \Phi_9^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
31439	740	266	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{266}^3\ \Phi_{133}^3\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{14}^3\ \Phi_2^2$
31440	740	318	$\frac{1}{53}$	$\frac{26}{159}$	$\frac{1}{3}$	$\frac{133}{318}$	$\Phi_{318}^4\ \Phi_{159}\ \Phi_{106}^4\ \Phi_6^4\ \Phi_2^4$
31441	740	960	$\frac{7}{192}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
31442	740	310	$\frac{1}{31}$	$\frac{6}{31}$	$\frac{1}{5}$	$\frac{25}{62}$	$\Phi_{310}^5\ \Phi_{155}\ \Phi_{10}^5$
31443	740	739	$\frac{14}{739}$	$\frac{145}{739}$	$\frac{221}{739}$	$\frac{297}{739}$	$\Phi_{739}\ \Phi_1^2$
31444	740	1113	$\frac{6}{371}$	$\frac{73}{371}$	$\frac{1}{3}$	$\frac{149}{371}$	$\Phi_{1113}\ \Phi_{159}\ \Phi_{21}$
31445	740	440	$\frac{3}{40}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{440}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{22}^2$
31446	740	660	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{660}^2\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{33}$
31447	740	600	$\frac{1}{75}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{600}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{75}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_{24}\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
31448	740	392	$\frac{1}{49}$	$\frac{12}{49}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{392}^3\ \Phi_{56}^3\ \Phi_{49}^3\ \Phi_8^4\ \Phi_7^3\ \Phi_1^4$
31449	740	760	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{760}^2\ \Phi_{190}\ \Phi_{95}\ \Phi_{40}\ \Phi_{10}$
31450	740	616	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}^2\ \Phi_{88}^2\ \Phi_{77}^2\ \Phi_{56}\ \Phi_{11}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
31451	740	168	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^7\ \Phi_{56}^7\ \Phi_{42}^4\ \Phi_{24}^7\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_8^8\ \Phi_7^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
31452	740	276	$\frac{1}{92}$	$\frac{91}{276}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{276}^3\ \Phi_{138}^3\ \Phi_{92}^2\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
31453	740	564	$\frac{3}{188}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{564}\ \Phi_{282}\ \Phi_{188}^2\ \Phi_{141}\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_3\ \Phi_1^2$
31454	740	138	$\frac{1}{46}$	$\frac{9}{46}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{138}^4\ \Phi_{69}^4\ \Phi_{46}^8\ \Phi_{23}^8\ \Phi_6^4\ \Phi_3^5\ \Phi_2^8\ \Phi_1^{10}$
31455	740	114	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{114}^7\ \Phi_{57}^7\ \Phi_{38}^6\ \Phi_{19}^6\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
31456	740	192	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{192}^4\ \Phi_{96}^4\ \Phi_{64}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{24}^3\ \Phi_{16}^4\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
31457	740	207	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{207}^4\ \Phi_{69}^3\ \Phi_{23}^2\ \Phi_9^4\ \Phi_3^4\ \Phi_1^4$
31458	740	429	$\frac{2}{39}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{429}^2\ \Phi_{143}^2\ \Phi_{33}$
31459	740	477	$\frac{1}{53}$	$\frac{107}{477}$	$\frac{52}{159}$	$\frac{1}{3}$	$\Phi_{477}^2\ \Phi_{159}\ \Phi_9^2$
31460	740	273	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{88}{273}$	$\frac{1}{3}$	$\Phi_{273}^2\ \Phi_{91}^4\ \Phi_{39}^2\ \Phi_{21}^3\ \Phi_{13}^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
31461	740	594	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{33}$
31462	740	159	$\frac{3}{53}$	$\frac{5}{53}$	$\frac{16}{53}$	$\frac{1}{3}$	$\Phi_{159}^7\ \Phi_3^6$
31463	740	231	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{231}^5\ \Phi_{33}^5\ \Phi_{21}^3\ \Phi_3^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
31464	740	1026	$\frac{1}{38}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1026}\ \Phi_{513}\ \Phi_{114}\ \Phi_{57}\ \Phi_{54}\ \Phi_{6}$
31465	740	1320	$\frac{3}{40}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{33}$
31466	740	528	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{33}$
31467	740	891	$\frac{7}{81}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{891}\ \Phi_{297}\ \Phi_{33}$
31468	740	588	$\frac{11}{196}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{147}^2\ \Phi_{84}^2\ \Phi_{21}\ \Phi_{12}^2$
31469	740	741	$\frac{2}{39}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{741}\ \Phi_{247}\ \Phi_{39}^2\ \Phi_{19}\ \Phi_{13}^2\ \Phi_{1}^2$
31470	740	390	$\frac{2}{39}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{390}^3\ \Phi_{195}^2\ \Phi_{130}^3\ \Phi_{65}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
31471	740	273	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{17}{91}$	$\frac{1}{3}$	$\Phi_{273}^4\ \Phi_{39}^4\ \Phi_{21}^5\ \Phi_{3}^4$
31472	740	495	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{55}^2\ \Phi_{33}$
31473	740	462	$\frac{1}{11}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{33}$
31474	740	1026	$\frac{1}{18}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{17}{54}$	$\Phi_{1026}\ \Phi_{513}\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{19}\ \Phi_{1}^2$
31475	740	270	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{17}{54}$	$\Phi_{270}^5\ \Phi_{135}^5\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
31476	740	1155	$\frac{1}{11}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}$
31477	740	990	$\frac{13}{198}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{55}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
31478	740	760	$\frac{3}{40}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{1}^2$
31479	740	120	$\frac{3}{40}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{120}^8\ \Phi_{60}^6\ \Phi_{40}^4\ \Phi_{30}^7\ \Phi_{24}^8\ \Phi_{20}^3\ \Phi_{15}^7\ \Phi_{12}^8\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{6}^8\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{3}^8\ \Phi_{2}^4\ \Phi_{1}^4$
31480	740	912	$\frac{1}{12}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{11}{48}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{152}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
31481	740	240	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{11}{48}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{40}^5\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
31482	740	855	$\frac{1}{9}$	$\frac{3}{19}$	$\frac{8}{45}$	$\frac{4}{19}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{95}\ \Phi_{45}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{1}^2$
31483	740	798	$\frac{5}{42}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{266}\ \Phi_{133}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{19}\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{1}^2$
31484	740	90	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{45}$	$\frac{1}{5}$	$\Phi_{90}^9\ \Phi_{45}^6\ \Phi_{30}^{10}\ \Phi_{18}^{12}\ \Phi_{15}^7\ \Phi_{10}^{10}\ \Phi_{9}^8\ \Phi_{6}^{12}\ \Phi_{5}^6\ \Phi_{3}^8\ \Phi_{2}^{12}\ \Phi_{1}^8$
31485	740	210	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{210}^5\ \Phi_{105}^5\ \Phi_{70}^5\ \Phi_{35}^5\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
31486	740	1080	$\frac{5}{36}$	$\frac{31}{216}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{135}\ \Phi_{120}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
31487	741	1184	$\frac{1}{148}$	$\frac{149}{592}$	$\frac{443}{1184}$	$\frac{147}{296}$	$\Phi_{1184}\ \Phi_{296}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
31488	741	1472	$\frac{5}{736}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{731}{1472}$	$\Phi_{1472}\ \Phi_{64}\ \Phi_{8}\ \Phi_{1}$
31489	741	992	$\frac{3}{248}$	$\frac{1}{4}$	$\frac{251}{992}$	$\frac{245}{496}$	$\Phi_{992}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{32}\ \Phi_{31}\ \Phi_{8}\ \Phi_{1}$
31490	741	488	$\frac{3}{244}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{241}{488}$	$\Phi_{488}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
31491	741	336	$\frac{1}{56}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{55}{112}$	$\Phi_{336}^4\ \Phi_{112}^5\ \Phi_{48}^4\ \Phi_{24}\ \Phi_{16}^5\ \Phi_{8}\ \Phi_{1}$
31492	741	1680	$\frac{1}{56}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{55}{112}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{240}\ \Phi_{112}\ \Phi_{80}\ \Phi_{16}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
31493	741	1008	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{55}{112}$	$\Phi_{1008}^2\ \Phi_{144}^2\ \Phi_{112}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
31494	741	112	$\frac{1}{56}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{55}{112}$	$\Phi_{112}^5\ \Phi_{56}^8\ \Phi_{28}^8\ \Phi_{16}^6\ \Phi_{14}^8\ \Phi_{8}^9\ \Phi_{7}^8\ \Phi_{4}^8\ \Phi_{2}^8\ \Phi_{1}^9$
31495	741	684	$\frac{1}{38}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{37}{76}$	$\Phi_{342}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{76}\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{36}\ \Phi_{19}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^3$
31496	741	1596	$\frac{1}{38}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{1596}\ \Phi_{532}\ \Phi_{84}\ \Phi_{76}\ \Phi_{28}\ \Phi_{21}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
31497	741	2052	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{37}{76}$	$\Phi_{2052}\ \Phi_{108}\ \Phi_{76}\ \Phi_{27}\ \Phi_{4}\ \Phi_{1}$
31498	741	456	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{37}{76}$	$\Phi_{456}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{24}^3\ \Phi_{19}^2\ \Phi_{12}\ \Phi_{8}^3\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^3$
31499	741	37	$\frac{1}{37}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{18}{37}$	$\Phi_{37}^{20}\ \Phi_{1}^{21}$
31500	741	480	$\frac{7}{240}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{233}{480}$	$\Phi_{480}^3\ \Phi_{160}^3\ \Phi_{96}^3\ \Phi_{40}\ \Phi_{32}^3\ \Phi_{8}\ \Phi_{1}$
31501	741	480	$\frac{7}{240}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{233}{480}$	$\Phi_{480}^3\ \Phi_{160}^3\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{2}^2\ \Phi_{1}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
31502	741	480	$\frac{7}{240}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{233}{480}$	$\Phi_{480}^{3}\,\Phi_{160}^{3}\,\Phi_{96}^{3}\,\Phi_{32}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
31503	741	1000	$\frac{9}{250}$	$\frac{1}{10}$	$\frac{259}{1000}$	$\frac{241}{500}$	$\Phi_{1000}\,\Phi_{250}\,\Phi_{200}\,\Phi_{125}\,\Phi_{50}\,\Phi_{40}\,\Phi_{25}\,\Phi_{8}\,\Phi_{1}$
31504	741	360	$\frac{1}{20}$	$\frac{7}{120}$	$\frac{113}{360}$	$\frac{19}{40}$	$\Phi_{360}^{3}\,\Phi_{180}^{3}\,\Phi_{90}^{3}\,\Phi_{72}^{3}\,\Phi_{45}^{3}\,\Phi_{40}\,\Phi_{36}^{3}\,\Phi_{18}^{3}\,\Phi_{9}^{3}\,\Phi_{8}\,\Phi_{1}$
31505	741	800	$\frac{1}{20}$	$\frac{59}{800}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{800}\,\Phi_{400}\,\Phi_{200}\,\Phi_{160}\,\Phi_{100}\,\Phi_{50}\,\Phi_{40}\,\Phi_{32}\,\Phi_{25}\,\Phi_{8}\,\Phi_{1}$
31506	741	320	$\frac{1}{20}$	$\frac{7}{80}$	$\frac{73}{320}$	$\frac{19}{40}$	$\Phi_{320}^{3}\,\Phi_{160}^{3}\,\Phi_{64}^{3}\,\Phi_{40}\,\Phi_{32}^{3}\,\Phi_{8}\,\Phi_{1}$
31507	741	280	$\frac{1}{20}$	$\frac{33}{280}$	$\frac{7}{40}$	$\frac{19}{40}$	$\Phi_{280}^{3}\,\Phi_{140}^{3}\,\Phi_{70}^{3}\,\Phi_{56}^{3}\,\Phi_{40}\,\Phi_{35}^{3}\,\Phi_{28}^{3}\,\Phi_{14}^{3}\,\Phi_{8}\,\Phi_{7}^{3}\,\Phi_{1}$
31508	741	684	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{6}{19}$	$\frac{17}{36}$	$\Phi_{684}^{2}\,\Phi_{228}^{2}\,\Phi_{76}^{2}\,\Phi_{36}^{3}\,\Phi_{19}^{2}\,\Phi_{12}^{3}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
31509	741	252	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{252}^{2}\,\Phi_{126}^{4}\,\Phi_{84}^{2}\,\Phi_{63}^{4}\,\Phi_{42}^{4}\,\Phi_{36}\,\Phi_{28}^{4}\,\Phi_{21}^{4}\,\Phi_{18}^{2}\,\Phi_{14}^{5}\,\Phi_{12}\,\Phi_{9}^{2}\,\Phi_{7}^{5}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
31510	741	1400	$\frac{41}{700}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{659}{1400}$	$\Phi_{1400}\,\Phi_{280}\,\Phi_{200}\,\Phi_{56}\,\Phi_{50}\,\Phi_{40}\,\Phi_{25}\,\Phi_{8}\,\Phi_{1}$
31511	741	300	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{53}{300}$	$\frac{47}{100}$	$\Phi_{300}^{3}\,\Phi_{150}^{3}\,\Phi_{75}^{3}\,\Phi_{60}^{3}\,\Phi_{50}^{3}\,\Phi_{30}^{3}\,\Phi_{25}^{3}\,\Phi_{15}^{3}\,\Phi_{12}^{3}\,\Phi_{10}^{2}\,\Phi_{6}^{3}\,\Phi_{5}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
31512	741	168	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{9}{28}$	$\frac{11}{24}$	$\Phi_{168}^{8}\,\Phi_{56}^{8}\,\Phi_{28}^{2}\,\Phi_{24}^{9}\,\Phi_{14}^{2}\,\Phi_{8}^{9}\,\Phi_{7}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
31513	741	120	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{120}^{12}\,\Phi_{40}^{12}\,\Phi_{24}^{9}\,\Phi_{20}^{3}\,\Phi_{10}^{3}\,\Phi_{8}^{9}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
31514	741	840	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{70}$	$\frac{11}{24}$	$\Phi_{840}^{2}\,\Phi_{280}^{2}\,\Phi_{120}^{2}\,\Phi_{70}\,\Phi_{40}^{2}\,\Phi_{35}\,\Phi_{24}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{1}$
31515	741	168	$\frac{1}{12}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{168}^{8}\,\Phi_{56}^{8}\,\Phi_{24}^{9}\,\Phi_{21}^{3}\,\Phi_{8}^{9}\,\Phi_{7}^{2}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
31516	741	192	$\frac{1}{12}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{192}^{4}\,\Phi_{96}^{4}\,\Phi_{64}^{5}\,\Phi_{48}^{4}\,\Phi_{32}^{5}\,\Phi_{24}\,\Phi_{16}^{5}\,\Phi_{8}\,\Phi_{1}$
31517	741	444	$\frac{1}{37}$	$\frac{25}{222}$	$\frac{12}{37}$	$\frac{197}{444}$	$\Phi_{444}^{3}\,\Phi_{148}^{3}\,\Phi_{37}^{2}\,\Phi_{12}^{3}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
31518	741	140	$\frac{1}{20}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{140}^{5}\,\Phi_{70}^{4}\,\Phi_{35}^{5}\,\Phi_{28}^{5}\,\Phi_{20}^{9}\,\Phi_{14}^{4}\,\Phi_{10}^{8}\,\Phi_{7}^{5}\,\Phi_{5}^{8}\,\Phi_{4}^{9}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
31519	741	256	$\frac{9}{256}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{256}^{3}\,\Phi_{128}^{3}\,\Phi_{64}^{3}\,\Phi_{32}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
31520	741	80	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{80}^{8}\,\Phi_{40}^{12}\,\Phi_{20}^{11}\,\Phi_{16}^{6}\,\Phi_{10}^{11}\,\Phi_{8}^{9}\,\Phi_{5}^{11}\,\Phi_{4}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
31521	741	868	$\frac{1}{31}$	$\frac{30}{217}$	$\frac{1}{4}$	$\frac{187}{434}$	$\Phi_{868}\,\Phi_{217}\,\Phi_{124}^{2}\,\Phi_{62}\,\Phi_{31}\,\Phi_{28}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
31522	741	1036	$\frac{1}{37}$	$\frac{36}{259}$	$\frac{295}{1036}$	$\frac{223}{518}$	$\Phi_{1036}\,\Phi_{259}\,\Phi_{148}\,\Phi_{28}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
31523	741	800	$\frac{59}{800}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{800}\,\Phi_{400}\,\Phi_{200}\,\Phi_{160}\,\Phi_{80}\,\Phi_{50}\,\Phi_{40}\,\Phi_{32}\,\Phi_{25}\,\Phi_{16}\,\Phi_{8}\,\Phi_{1}$
31524	741	160	$\frac{1}{40}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{160}^{8}\,\Phi_{40}^{3}\,\Phi_{32}^{7}\,\Phi_{20}^{3}\,\Phi_{10}^{3}\,\Phi_{8}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
31525	741	1240	$\frac{3}{124}$	$\frac{121}{620}$	$\frac{1}{4}$	$\frac{499}{1240}$	$\Phi_{1240}\,\Phi_{248}\,\Phi_{124}\,\Phi_{62}\,\Phi_{40}\,\Phi_{31}\,\Phi_{8}\,\Phi_{1}$
31526	741	320	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{320}^{4}\,\Phi_{64}^{3}\,\Phi_{40}^{4}\,\Phi_{20}^{3}\,\Phi_{10}^{3}\,\Phi_{8}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
31527	741	400	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{47}{200}$	$\frac{153}{400}$	$\Phi_{400}^{3}\,\Phi_{80}^{3}\,\Phi_{50}^{3}\,\Phi_{25}^{3}\,\Phi_{16}^{3}\,\Phi_{10}^{2}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
31528	741	368	$\frac{5}{368}$	$\frac{1}{4}$	$\frac{121}{368}$	$\frac{3}{8}$	$\Phi_{368}^{2}\,\Phi_{184}^{2}\,\Phi_{92}^{2}\,\Phi_{46}^{2}\,\Phi_{23}^{2}\,\Phi_{16}^{2}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
31529	741	752	$\frac{11}{752}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{752}\,\Phi_{376}\,\Phi_{188}\,\Phi_{94}\,\Phi_{47}\,\Phi_{8}\,\Phi_{1}$
31530	741	120	$\frac{1}{40}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^{8}\,\Phi_{60}^{8}\,\Phi_{40}^{3}\,\Phi_{30}^{8}\,\Phi_{24}^{7}\,\Phi_{20}^{3}\,\Phi_{15}^{8}\,\Phi_{12}^{7}\,\Phi_{10}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{7}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{7}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
31531	741	920	$\frac{5}{184}$	$\frac{179}{920}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{920}\,\Phi_{460}\,\Phi_{230}\,\Phi_{115}\,\Phi_{40}\,\Phi_{20}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{1}$
31532	741	256	$\frac{9}{256}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{256}^{3}\,\Phi_{128}^{3}\,\Phi_{64}^{3}\,\Phi_{32}^{2}\,\Phi_{16}^{2}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
31533	741	120	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{120}^{5}\,\Phi_{60}^{5}\,\Phi_{40}^{9}\,\Phi_{30}^{4}\,\Phi_{24}^{5}\,\Phi_{20}^{9}\,\Phi_{15}^{5}\,\Phi_{12}^{5}\,\Phi_{10}^{8}\,\Phi_{8}^{9}\,\Phi_{6}^{4}\,\Phi_{5}^{8}\,\Phi_{4}^{9}\,\Phi_{3}^{5}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
31534	741	20	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{20}^{36}\,\Phi_{10}^{38}\,\Phi_{5}^{38}\,\Phi_{4}^{36}\,\Phi_{2}^{38}\,\Phi_{1}^{39}$
31535	741	296	$\frac{1}{37}$	$\frac{49}{296}$	$\frac{12}{37}$	$\frac{25}{74}$	$\Phi_{296}^{3}\,\Phi_{148}^{3}\,\Phi_{37}^{2}\,\Phi_{8}^{3}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
31536	741	372	$\frac{1}{62}$	$\frac{1}{4}$	$\frac{61}{186}$	$\frac{125}{372}$	$\Phi_{372}\,\Phi_{186}^{2}\,\Phi_{124}^{3}\,\Phi_{93}^{2}\,\Phi_{62}^{3}\,\Phi_{31}^{3}\,\Phi_{12}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
31537	741	420	$\frac{1}{28}$	$\frac{2}{15}$	$\frac{9}{28}$	$\frac{1}{3}$	$\Phi_{420}^{2}\,\Phi_{210}^{2}\,\Phi_{140}^{2}\,\Phi_{105}^{2}\,\Phi_{70}^{2}\,\Phi_{60}^{2}\,\Phi_{35}^{2}\,\Phi_{30}^{2}\,\Phi_{28}^{2}\,\Phi_{20}^{2}\,\Phi_{15}^{3}\,\Phi_{14}^{2}\,\Phi_{10}^{2}\,\Phi_{7}^{2}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
31538	741	399	$\frac{1}{19}$	$\frac{2}{21}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{399}^{2}\,\Phi_{133}^{2}\,\Phi_{21}^{3}\,\Phi_{19}^{2}\,\Phi_{7}^{3}\,\Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
31539	741	60	$\frac{1}{20}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^{11}\ \Phi_{30}^{11}\ \Phi_{20}^{14}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_{10}^{14}\ \Phi_{6}^{12}\ \Phi_{5}^{15}\ \Phi_{4}^{14}\ \Phi_{3}^{12}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
31540	741	84	$\frac{1}{14}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^{11}\ \Phi_{42}^{5}\ \Phi_{28}^{13}\ \Phi_{21}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{12}\ \Phi_{7}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{13}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
31541	741	210	$\frac{1}{14}$	$\frac{2}{15}$	$\frac{13}{70}$	$\frac{1}{3}$	$\Phi_{210}^{3}\ \Phi_{105}^{3}\ \Phi_{70}^{4}\ \Phi_{42}^{4}\ \Phi_{35}^{4}\ \Phi_{30}^{3}\ \Phi_{21}^{4}\ \Phi_{15}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
31542	741	105	$\frac{2}{21}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{105}^{8}\ \Phi_{35}^{8}\ \Phi_{21}^{3}\ \Phi_{15}^{9}\ \Phi_{7}^{2}\ \Phi_{5}^{9}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
31543	741	960	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
31544	741	333	$\frac{1}{37}$	$\frac{25}{111}$	$\frac{86}{333}$	$\frac{12}{37}$	$\Phi_{333}^{3}\ \Phi_{37}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
31545	741	252	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{9}{28}$	$\Phi_{252}^{4}\ \Phi_{126}^{4}\ \Phi_{63}^{4}\ \Phi_{36}^{4}\ \Phi_{28}^{2}\ \Phi_{18}^{5}\ \Phi_{14}^{2}\ \Phi_{9}^{5}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
31546	741	112	$\frac{1}{28}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{9}{28}$	$\Phi_{112}^{8}\ \Phi_{56}^{8}\ \Phi_{28}^{2}\ \Phi_{16}^{9}\ \Phi_{14}^{2}\ \Phi_{8}^{9}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
31547	741	513	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{6}{19}$	$\Phi_{513}^{2}\ \Phi_{27}^{3}\ \Phi_{19}^{2}\ \Phi_{1}^{3}$
31548	741	456	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{6}{19}$	$\Phi_{456}^{2}\ \Phi_{228}^{2}\ \Phi_{152}^{2}\ \Phi_{76}^{2}\ \Phi_{24}^{3}\ \Phi_{19}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
31549	741	360	$\frac{7}{120}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{113}{360}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{90}^{3}\ \Phi_{72}^{3}\ \Phi_{45}^{3}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
31550	741	360	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{113}{360}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{90}^{3}\ \Phi_{72}^{3}\ \Phi_{45}^{3}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
31551	741	165	$\frac{4}{55}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{17}{55}$	$\Phi_{165}^{5}\ \Phi_{55}^{3}\ \Phi_{33}^{5}\ \Phi_{15}^{7}\ \Phi_{11}^{3}\ \Phi_{5}^{4}\ \Phi_{3}^{7}\ \Phi_{1}^{5}$
31552	741	270	$\frac{23}{270}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{270}^{3}\ \Phi_{135}^{3}\ \Phi_{90}^{3}\ \Phi_{54}^{3}\ \Phi_{45}^{3}\ \Phi_{27}^{3}\ \Phi_{18}^{3}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
31553	741	320	$\frac{7}{80}$	$\frac{1}{10}$	$\frac{73}{320}$	$\frac{3}{10}$	$\Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
31554	741	300	$\frac{1}{10}$	$\frac{7}{60}$	$\frac{53}{300}$	$\frac{3}{10}$	$\Phi_{300}^{3}\ \Phi_{150}^{3}\ \Phi_{100}^{3}\ \Phi_{75}^{3}\ \Phi_{50}^{3}\ \Phi_{25}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
31555	741	280	$\frac{1}{10}$	$\frac{33}{280}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{70}^{3}\ \Phi_{56}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
31556	741	756	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{756}^{2}\ \Phi_{378}\ \Phi_{189}\ \Phi_{108}\ \Phi_{28}^{2}\ \Phi_{27}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
31557	741	350	$\frac{1}{10}$	$\frac{41}{350}$	$\frac{9}{50}$	$\frac{103}{350}$	$\Phi_{350}^{2}\ \Phi_{175}^{2}\ \Phi_{70}^{2}\ \Phi_{50}^{3}\ \Phi_{35}^{2}\ \Phi_{25}^{3}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
31558	741	264	$\frac{17}{264}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{264}^{3}\ \Phi_{132}^{3}\ \Phi_{88}^{3}\ \Phi_{66}^{3}\ \Phi_{44}^{3}\ \Phi_{33}^{3}\ \Phi_{22}^{3}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
31559	741	180	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{180}^{6}\ \Phi_{90}^{6}\ \Phi_{45}^{6}\ \Phi_{36}^{4}\ \Phi_{20}^{3}\ \Phi_{18}^{5}\ \Phi_{10}^{3}\ \Phi_{9}^{5}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
31560	741	630	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{70}$	$\frac{5}{18}$	$\Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{90}^{2}\ \Phi_{70}\ \Phi_{45}^{2}\ \Phi_{35}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
31561	741	126	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{126}^{8}\ \Phi_{63}^{8}\ \Phi_{21}^{3}\ \Phi_{18}^{9}\ \Phi_{9}^{9}\ \Phi_{7}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
31562	741	576	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{576}^{2}\ \Phi_{288}^{2}\ \Phi_{144}^{2}\ \Phi_{64}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
31563	741	80	$\frac{1}{20}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{80}^{12}\ \Phi_{40}^{12}\ \Phi_{20}^{3}\ \Phi_{16}^{9}\ \Phi_{10}^{3}\ \Phi_{8}^{9}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
31564	741	320	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{320}$	$\frac{1}{4}$	$\Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
31565	741	168	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{168}^{6}\ \Phi_{84}^{2}\ \Phi_{56}^{6}\ \Phi_{42}^{4}\ \Phi_{28}^{4}\ \Phi_{24}^{3}\ \Phi_{21}^{4}\ \Phi_{14}^{5}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{7}^{5}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
31566	741	560	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{80}^{2}\ \Phi_{70}\ \Phi_{40}^{2}\ \Phi_{35}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
31567	741	336	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{336}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{2}\ \Phi_{56}^{2}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
31568	741	64	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{64}^{13}\ \Phi_{32}^{13}\ \Phi_{16}^{6}\ \Phi_{8}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
31569	741	280	$\frac{33}{280}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{70}^{3}\ \Phi_{56}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
31570	741	288	$\frac{1}{8}$	$\frac{41}{288}$	$\frac{7}{48}$	$\frac{1}{4}$	$\Phi_{288}^{3}\ \Phi_{144}^{3}\ \Phi_{96}^{3}\ \Phi_{72}^{3}\ \Phi_{36}^{3}\ \Phi_{32}^{3}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
31571	742	738	$\frac{2}{369}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{367}{738}$	$\Phi_{738}^{2}\ \Phi_{246}^{2}\ \Phi_{82}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
31572	742	1488	$\frac{1}{124}$	$\frac{125}{496}$	$\frac{1}{3}$	$\frac{123}{248}$	$\Phi_{1488}\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
31573	742	2208	$\frac{3}{368}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{365}{736}$	$\Phi_{2208}\ \Phi_{96}\ \Phi_{12}\ \Phi_{6}$
31574	742	420	$\frac{1}{105}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{52}{105}$	$\Phi_{420}^{3}\ \Phi_{140}^{3}\ \Phi_{105}\ \Phi_{84}^{3}\ \Phi_{60}^{3}\ \Phi_{35}\ \Phi_{28}^{3}\ \Phi_{21}\ \Phi_{20}^{3}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
31575	742	315	$\frac{1}{105}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{52}{105}$	$\Phi_{315}^{3}\ \Phi_{105}\ \Phi_{63}^{3}\ \Phi_{45}^{3}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{9}^{4}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
31576	742	732	$\frac{5}{366}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{361}{732}$	$\Phi_{732}^{2}\ \Phi_{244}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
31577	742	684	$\frac{1}{57}$	$\frac{29}{342}$	$\frac{313}{684}$	$\frac{28}{57}$	$\Phi_{684}^2\ \Phi_{228}^2\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{36}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
31578	742	513	$\frac{1}{57}$	$\frac{29}{171}$	$\frac{142}{513}$	$\frac{28}{57}$	$\Phi_{513}^2\ \Phi_{57}\ \Phi_{27}^2\ \Phi_{19}\ \Phi_3\ \Phi_1^2$
31579	742	456	$\frac{1}{57}$	$\frac{85}{456}$	$\frac{29}{114}$	$\frac{28}{57}$	$\Phi_{456}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
31580	742	104	$\frac{1}{52}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{51}{104}$	$\Phi_{104}^{14}\ \Phi_{13}\ \Phi_8^{14}\ \Phi_1^2$
31581	742	312	$\frac{1}{52}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{312}^3\ \Phi_{156}^4\ \Phi_{78}^4\ \Phi_{39}^4\ \Phi_{24}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
31582	742	702	$\frac{1}{39}$	$\frac{20}{351}$	$\frac{331}{702}$	$\frac{19}{39}$	$\Phi_{702}^2\ \Phi_{234}^2\ \Phi_{78}^2\ \Phi_{54}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
31583	742	468	$\frac{1}{39}$	$\frac{20}{117}$	$\frac{97}{468}$	$\frac{19}{39}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
31584	742	722	$\frac{10}{361}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{351}{722}$	$\Phi_{722}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_2^2\ \Phi_1^2$
31585	742	720	$\frac{11}{360}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{349}{720}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
31586	742	510	$\frac{2}{51}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{510}^3\ \Phi_{170}^3\ \Phi_{102}^2\ \Phi_{34}^2\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
31587	742	360	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{360}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^2\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
31588	742	78	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{25}{78}$	$\frac{6}{13}$	$\Phi_{78}^{14}\ \Phi_{39}^{14}\ \Phi_{13}\ \Phi_6^{14}\ \Phi_3^{14}\ \Phi_1^2$
31589	742	390	$\frac{19}{390}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
31590	742	728	$\frac{3}{56}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_7^2\ \Phi_1^2$
31591	742	65	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{6}{13}$	$\Phi_{65}^{14}\ \Phi_{13}\ \Phi_5^{14}\ \Phi_1^2$
31592	742	416	$\frac{1}{13}$	$\frac{45}{416}$	$\frac{7}{52}$	$\frac{6}{13}$	$\Phi_{416}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
31593	742	384	$\frac{13}{384}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
31594	742	684	$\frac{1}{19}$	$\frac{29}{342}$	$\frac{9}{38}$	$\frac{313}{684}$	$\Phi_{684}^2\ \Phi_{228}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{36}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
31595	742	2046	$\frac{1}{31}$	$\frac{30}{341}$	$\frac{1}{3}$	$\frac{311}{682}$	$\Phi_{2046}\ \Phi_{186}\ \Phi_{93}\ \Phi_{66}\ \Phi_6$
31596	742	480	$\frac{1}{15}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{480}^3\ \Phi_{160}^3\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
31597	742	95	$\frac{1}{19}$	$\frac{11}{95}$	$\frac{18}{95}$	$\frac{42}{95}$	$\Phi_{95}^8\ \Phi_{19}^7\ \Phi_5^8\ \Phi_1^8$
31598	742	456	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{85}{456}$	$\frac{67}{152}$	$\Phi_{456}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
31599	742	93	$\frac{2}{93}$	$\frac{13}{93}$	$\frac{1}{3}$	$\frac{40}{93}$	$\Phi_{93}^8\ \Phi_{31}^8\ \Phi_3^7\ \Phi_1^8$
31600	742	108	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{108}^{12}\ \Phi_{54}^2\ \Phi_{36}^{12}\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^{10}\ \Phi_9^2\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
31601	742	420	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{17}{70}$	$\frac{5}{12}$	$\Phi_{420}^3\ \Phi_{140}^3\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{35}\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_7\ \Phi_5\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
31602	742	660	$\frac{2}{55}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{660}^2\ \Phi_{220}^2\ \Phi_{132}^2\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
31603	742	252	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{252}^6\ \Phi_{84}^3\ \Phi_{63}^2\ \Phi_{36}^6\ \Phi_{28}^3\ \Phi_{21}\ \Phi_{12}^4\ \Phi_9^2\ \Phi_7\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
31604	742	168	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{168}^4\ \Phi_{84}^3\ \Phi_{56}^6\ \Phi_{42}^4\ \Phi_{28}^5\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_{14}^6\ \Phi_{12}^4\ \Phi_8^6\ \Phi_7^5\ \Phi_6^4\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^6$
31605	742	60	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{60}^{11}\ \Phi_{30}^{14}\ \Phi_{20}^{11}\ \Phi_{15}^{13}\ \Phi_{12}^{12}\ \Phi_{10}^{14}\ \Phi_6^{14}\ \Phi_5^{13}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
31606	742	90	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{90}^{14}\ \Phi_{45}^3\ \Phi_{30}^{14}\ \Phi_{18}^{14}\ \Phi_{15}^2\ \Phi_{10}^{14}\ \Phi_9^2\ \Phi_6^{14}\ \Phi_5^2\ \Phi_3\ \Phi_2^{14}\ \Phi_1^2$
31607	742	624	$\frac{1}{39}$	$\frac{59}{312}$	$\frac{19}{78}$	$\frac{253}{624}$	$\Phi_{624}^2\ \Phi_{208}^2\ \Phi_{78}^2\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
31608	742	1860	$\frac{1}{62}$	$\frac{61}{310}$	$\frac{1}{3}$	$\frac{249}{620}$	$\Phi_{1860}\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{60}\ \Phi_{12}\ \Phi_6$
31609	742	270	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{270}^3\ \Phi_{135}^3\ \Phi_{90}^3\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{30}^3\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{10}\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
31610	742	608	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{67}{304}$	$\frac{237}{608}$	$\Phi_{608}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{32}^2\ \Phi_{19}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
31611	742	57	$\frac{4}{57}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{57}^{13}\ \Phi_{19}^{13}\ \Phi_3^{13}\ \Phi_1^{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
31612	742	468	$\frac{1}{39}$	$\frac{97}{468}$	$\frac{19}{78}$	$\frac{59}{156}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
31613	742	1128	$\frac{5}{376}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{12}\ \Phi_6$
31614	742	585	$\frac{1}{39}$	$\frac{38}{195}$	$\frac{157}{585}$	$\frac{214}{585}$	$\Phi_{585}\ \Phi_{195}^2\ \Phi_{117}\ \Phi_{65}^2\ \Phi_{45}\ \Phi_{39}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
31615	742	570	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{86}{285}$	$\frac{199}{570}$	$\Phi_{570}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{19}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
31616	742	558	$\frac{1}{93}$	$\frac{92}{279}$	$\frac{1}{3}$	$\frac{187}{558}$	$\Phi_{558}^2\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
31617	742	492	$\frac{2}{123}$	$\frac{121}{492}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{492}^2\ \Phi_{246}^2\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
31618	742	54	$\frac{1}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{54}^{14}\ \Phi_{27}^{14}\ \Phi_{18}^{14}\ \Phi_9^{12}\ \Phi_6^{14}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
31619	742	552	$\frac{3}{184}$	$\frac{1}{4}$	$\frac{181}{552}$	$\frac{1}{3}$	$\Phi_{552}\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{24}\ \Phi_{23}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
31620	742	315	$\frac{2}{105}$	$\frac{2}{9}$	$\frac{103}{315}$	$\frac{1}{3}$	$\Phi_{315}^2\ \Phi_{105}^3\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_9^3\ \Phi_7^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
31621	742	312	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^4\ \Phi_{78}\ \Phi_{52}^4\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
31622	742	540	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{169}{540}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
31623	742	396	$\frac{25}{396}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
31624	742	1380	$\frac{3}{92}$	$\frac{89}{460}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
31625	742	384	$\frac{13}{384}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
31626	742	168	$\frac{3}{56}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^7\ \Phi_{84}^7\ \Phi_{42}^7\ \Phi_{24}^4\ \Phi_{21}^7\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
31627	742	630	$\frac{1}{35}$	$\frac{2}{9}$	$\frac{17}{70}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
31628	742	480	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{109}{480}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
31629	742	495	$\frac{2}{55}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{99}^2\ \Phi_{55}^2\ \Phi_{45}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
31630	742	63	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{63}^{11}\ \Phi_{21}^{13}\ \Phi_9^{12}\ \Phi_7^{13}\ \Phi_3^{13}\ \Phi_1^{14}$
31631	742	504	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{56}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
31632	742	180	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{36}^6\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^6\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^4\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
31633	742	1560	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
31634	742	60	$\frac{1}{12}$	$\frac{7}{60}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{60}^{12}\ \Phi_{30}^{12}\ \Phi_{20}^{12}\ \Phi_{15}^{12}\ \Phi_{12}^{14}\ \Phi_{10}^{12}\ \Phi_6^{14}\ \Phi_5^{12}\ \Phi_4^{14}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
31635	742	432	$\frac{1}{12}$	$\frac{61}{432}$	$\frac{11}{72}$	$\frac{1}{3}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{27}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
31636	742	65	$\frac{1}{13}$	$\frac{9}{65}$	$\frac{12}{65}$	$\frac{4}{13}$	$\Phi_{65}^{11}\ \Phi_{13}^{13}\ \Phi_5^{11}\ \Phi_1^{14}$
31637	742	360	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{90}^3\ \Phi_{72}^2\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
31638	742	456	$\frac{1}{19}$	$\frac{85}{456}$	$\frac{9}{38}$	$\frac{29}{114}$	$\Phi_{456}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
31639	743	1272	$\frac{1}{106}$	$\frac{107}{636}$	$\frac{529}{1272}$	$\frac{105}{212}$	$\Phi_{1272}\ \Phi_{424}\ \Phi_{212}\ \Phi_{24}\ \Phi_8\ \Phi_4\ \Phi_1$
31640	743	1456	$\frac{15}{728}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{713}{1456}$	$\Phi_{1456}\ \Phi_{208}\ \Phi_{112}\ \Phi_{28}\ \Phi_{16}\ \Phi_4\ \Phi_1$
31641	743	1428	$\frac{29}{714}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{685}{1428}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{204}\ \Phi_{84}\ \Phi_{68}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
31642	743	1008	$\frac{13}{252}$	$\frac{1}{14}$	$\frac{265}{1008}$	$\frac{239}{504}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
31643	743	1092	$\frac{15}{364}$	$\frac{1}{14}$	$\frac{349}{1092}$	$\frac{13}{28}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{273}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
31644	743	784	$\frac{41}{784}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{49}\ \Phi_{28}\ \Phi_{16}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
31645	743	1344	$\frac{1}{14}$	$\frac{71}{672}$	$\frac{13}{84}$	$\frac{601}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{84}\ \Phi_{64}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
31646	743	840	$\frac{1}{14}$	$\frac{97}{840}$	$\frac{13}{84}$	$\frac{71}{168}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
31647	743	1272	$\frac{1}{53}$	$\frac{107}{636}$	$\frac{52}{159}$	$\frac{529}{1272}$	$\Phi_{1272}\ \Phi_{424}\ \Phi_{159}\ \Phi_{24}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
31648	743	1260	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{113}{630}$	$\frac{517}{1260}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
31649	743	1060	$\frac{1}{53}$	$\frac{52}{265}$	$\frac{317}{1060}$	$\frac{213}{530}$	$\Phi_{1060}\ \Phi_{265}\ \Phi_{212}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
31650	743	954	$\frac{1}{53}$	$\frac{211}{954}$	$\frac{52}{159}$	$\frac{107}{318}$	$\Phi_{954}\ \Phi_{477}\ \Phi_{159}\ \Phi_{18}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
31651	743	1008	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{71}{336}$	$\frac{265}{1008}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
31652	744	555	$\frac{1}{185}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{92}{185}$	$\Phi_{555}\ \Phi_{185}^2\ \Phi_{111}\ \Phi_{37}^2\ \Phi_{15}\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
31653	744	743	$\frac{5}{743}$	$\frac{187}{743}$	$\frac{278}{743}$	$\frac{369}{743}$	$\Phi_{743}\ \Phi_{1}^2$
31654	744	1119	$\frac{3}{373}$	$\frac{94}{373}$	$\frac{1}{3}$	$\frac{185}{373}$	Φ_{1119}
31655	744	615	$\frac{1}{123}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{61}{123}$	$\Phi_{615}\ \Phi_{205}\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_{15}\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
31656	744	492	$\frac{1}{123}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{61}{123}$	$\Phi_{492}^2\ \Phi_{246}^2\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
31657	744	743	$\frac{7}{743}$	$\frac{125}{743}$	$\frac{309}{743}$	$\frac{368}{743}$	$\Phi_{743}\ \Phi_{1}^2$
31658	744	1288	$\frac{1}{92}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{91}{184}$	$\Phi_{1288}\ \Phi_{184}^2\ \Phi_{56}\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{1}^2$
31659	744	2760	$\frac{1}{92}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{91}{184}$	$\Phi_{2760}\ \Phi_{120}\ \Phi_{15}$
31660	744	332	$\frac{1}{83}$	$\frac{1}{4}$	$\frac{21}{83}$	$\frac{41}{83}$	$\Phi_{332}^3\ \Phi_{166}^3\ \Phi_{4}^2\ \Phi_{2}^2$
31661	744	743	$\frac{9}{743}$	$\frac{185}{743}$	$\frac{188}{743}$	$\frac{367}{743}$	$\Phi_{743}\ \Phi_{1}^2$
31662	744	1119	$\frac{5}{373}$	$\frac{63}{373}$	$\frac{1}{3}$	$\frac{184}{373}$	Φ_{1119}
31663	744	671	$\frac{1}{61}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{30}{61}$	$\Phi_{671}\ \Phi_{61}^2\ \Phi_{11}^2\ \Phi_{1}^4$
31664	744	1281	$\frac{1}{61}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{30}{61}$	$\Phi_{1281}\ \Phi_{21}^2$
31665	744	671	$\frac{1}{61}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{30}{61}$	$\Phi_{671}\ \Phi_{61}^2\ \Phi_{11}^2\ \Phi_{1}^4$
31666	744	1220	$\frac{1}{61}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{30}{61}$	$\Phi_{1220}\ \Phi_{610}\ \Phi_{20}^2\ \Phi_{10}^2$
31667	744	743	$\frac{13}{743}$	$\frac{63}{743}$	$\frac{340}{743}$	$\frac{365}{743}$	$\Phi_{743}\ \Phi_{1}^2$
31668	744	743	$\frac{17}{743}$	$\frac{95}{743}$	$\frac{216}{743}$	$\frac{363}{743}$	$\Phi_{743}\ \Phi_{1}^2$
31669	744	875	$\frac{3}{125}$	$\frac{1}{7}$	$\frac{32}{125}$	$\frac{61}{125}$	$\Phi_{875}\ \Phi_{175}\ \Phi_{35}$
31670	744	743	$\frac{19}{743}$	$\frac{127}{743}$	$\frac{154}{743}$	$\frac{362}{743}$	$\Phi_{743}\ \Phi_{1}^2$
31671	744	935	$\frac{5}{187}$	$\frac{32}{187}$	$\frac{1}{5}$	$\frac{91}{187}$	$\Phi_{935}\ \Phi_{85}\ \Phi_{55}$
31672	744	996	$\frac{7}{249}$	$\frac{32}{249}$	$\frac{1}{4}$	$\frac{121}{249}$	$\Phi_{996}\ \Phi_{498}\ \Phi_{332}\ \Phi_{166}\ \Phi_{12}\ \Phi_{6}$
31673	744	743	$\frac{21}{743}$	$\frac{92}{743}$	$\frac{191}{743}$	$\frac{361}{743}$	$\Phi_{743}\ \Phi_{1}^2$
31674	744	1119	$\frac{11}{373}$	$\frac{32}{373}$	$\frac{1}{3}$	$\frac{181}{373}$	Φ_{1119}
31675	744	1380	$\frac{1}{30}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{29}{60}$	$\Phi_{1380}\ \Phi_{460}\ \Phi_{276}\ \Phi_{92}\ \Phi_{60}^2\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
31676	744	780	$\frac{1}{30}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{780}^2\ \Phi_{260}^2\ \Phi_{156}^2\ \Phi_{52}^2\ \Phi_{39}$
31677	744	1380	$\frac{1}{30}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{29}{60}$	$\Phi_{1380}\ \Phi_{460}\ \Phi_{276}\ \Phi_{92}\ \Phi_{60}^2\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
31678	744	180	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{180}^3\ \Phi_{90}^6\ \Phi_{60}^2\ \Phi_{45}^6\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^2\ \Phi_{18}^7\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_{9}^6\ \Phi_{6}^5\ \Phi_{5}^4\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
31679	744	1380	$\frac{1}{30}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{29}{60}$	$\Phi_{1380}\ \Phi_{460}\ \Phi_{276}\ \Phi_{92}\ \Phi_{60}^2\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
31680	744	420	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{29}{60}$	$\Phi_{420}^4\ \Phi_{140}^4\ \Phi_{84}^4\ \Phi_{35}\ \Phi_{28}^4$
31681	744	525	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{13}{75}$	$\frac{12}{25}$	$\Phi_{525}^2\ \Phi_{175}\ \Phi_{105}^2\ \Phi_{35}\ \Phi_{21}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
31682	744	759	$\frac{1}{23}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{759}\ \Phi_{253}\ \Phi_{33}^2\ \Phi_{23}\ \Phi_{11}^2\ \Phi_1^2$
31683	744	1035	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{11}{23}$	$\Phi_{1035}\ \Phi_{207}\ \Phi_{45}^2\ \Phi_{23}\ \Phi_9^2\ \Phi_1^2$
31684	744	920	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{11}{23}$	$\Phi_{920}\ \Phi_{460}\ \Phi_{184}\ \Phi_{92}\ \Phi_{40}^2\ \Phi_{23}\ \Phi_{20}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
31685	744	805	$\frac{1}{23}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{805}\ \Phi_{161}\ \Phi_{35}^2\ \Phi_{23}\ \Phi_7^2\ \Phi_1^2$
31686	744	828	$\frac{1}{23}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{11}{23}$	$\Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{92}\ \Phi_{36}^2\ \Phi_{23}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_4^2\ \Phi_1^2$
31687	744	546	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{546}^2\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{91}\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{26}^2$
31688	744	880	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{83}{176}$	$\Phi_{880}^2\ \Phi_{80}^2\ \Phi_{55}$
31689	744	170	$\frac{1}{17}$	$\frac{3}{34}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{170}^6\ \Phi_{85}^5\ \Phi_{10}^6\ \Phi_5^4$
31690	744	1056	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}^2\ \Phi_{66}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
31691	744	165	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{165}^6\ \Phi_{55}^5\ \Phi_{15}^6\ \Phi_5^4$
31692	744	170	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{1}{5}$	$\frac{77}{170}$	$\Phi_{170}^8\ \Phi_{85}\ \Phi_{34}^8\ \Phi_{10}^8\ \Phi_2^8$
31693	744	1400	$\frac{1}{25}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{1400}\ \Phi_{280}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
31694	744	728	$\frac{1}{13}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{728}^2\ \Phi_{104}^2\ \Phi_{91}$
31695	744	468	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}^2$
31696	744	800	$\frac{1}{32}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
31697	744	322	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{15}{46}$	$\frac{3}{7}$	$\Phi_{322}^2\ \Phi_{161}^2\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{14}^2\ \Phi_7^3\ \Phi_2^4\ \Phi_1^6$
31698	744	224	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{224}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{32}^6\ \Phi_{28}^2\ \Phi_{16}^6\ \Phi_{14}^2\ \Phi_8^6\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
31699	744	805	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{22}{115}$	$\frac{3}{7}$	$\Phi_{805}\ \Phi_{115}^2\ \Phi_{35}\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
31700	744	455	$\frac{1}{13}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{455}^2\ \Phi_{91}\ \Phi_{65}^2$
31701	744	702	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{702}^2\ \Phi_{234}^2\ \Phi_{117}\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{26}^2$
31702	744	743	$\frac{17}{743}$	$\frac{121}{743}$	$\frac{216}{743}$	$\frac{311}{743}$	$\Phi_{743}\ \Phi_1^2$
31703	744	1119	$\frac{7}{373}$	$\frac{61}{373}$	$\frac{1}{3}$	$\frac{156}{373}$	Φ_{1119}
31704	744	743	$\frac{14}{743}$	$\frac{125}{743}$	$\frac{243}{743}$	$\frac{309}{743}$	$\Phi_{743}\ \Phi_1^2$
31705	744	315	$\frac{1}{63}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{315}^2\ \Phi_{105}^2\ \Phi_{63}^4\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{21}^4\ \Phi_{15}\ \Phi_9^4\ \Phi_7^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
31706	744	205	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{10}{41}$	$\frac{2}{5}$	$\Phi_{205}^3\ \Phi_{41}^6\ \Phi_5^4\ \Phi_1^8$
31707	744	160	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{160}^5\ \Phi_{80}^5\ \Phi_{40}^5\ \Phi_{32}^4\ \Phi_{20}^5\ \Phi_{16}^4\ \Phi_{10}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4$
31708	744	455	$\frac{3}{65}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{455}^2\ \Phi_{91}^2\ \Phi_{35}$
31709	744	819	$\frac{1}{63}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{117}\ \Phi_{91}\ \Phi_{39}$
31710	744	350	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{6}{25}$	$\frac{19}{50}$	$\Phi_{350}^4\ \Phi_{175}\ \Phi_{70}^4\ \Phi_{35}\ \Phi_{14}^4$
31711	744	743	$\frac{19}{743}$	$\frac{154}{743}$	$\frac{181}{743}$	$\frac{281}{743}$	$\Phi_{743}\ \Phi_1^2$
31712	744	996	$\frac{5}{249}$	$\frac{61}{249}$	$\frac{1}{4}$	$\frac{94}{249}$	$\Phi_{996}\ \Phi_{498}\ \Phi_{332}\ \Phi_{166}\ \Phi_{12}\ \Phi_6$
31713	744	743	$\frac{15}{743}$	$\frac{182}{743}$	$\frac{187}{743}$	$\frac{278}{743}$	$\Phi_{743}\ \Phi_1^2$
31714	744	800	$\frac{1}{32}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
31715	744	1200	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
31716	744	743	$\frac{20}{743}$	$\frac{123}{743}$	$\frac{241}{743}$	$\frac{251}{743}$	$\Phi_{743}\ \Phi_1^2$
31717	744	935	$\frac{4}{187}$	$\frac{1}{5}$	$\frac{61}{187}$	$\frac{63}{187}$	$\Phi_{935}\ \Phi_{85}\ \Phi_{55}$
31718	744	743	$\frac{8}{743}$	$\frac{245}{743}$	$\frac{247}{743}$	$\frac{249}{743}$	$\Phi_{743}\ \Phi_1^2$
31719	744	1119	$\frac{4}{373}$	$\frac{123}{373}$	$\frac{1}{3}$	$\frac{125}{373}$	Φ_{1119}
31720	744	282	$\frac{1}{94}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{282}^3\ \Phi_{141}^3\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_6^3\ \Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
31721	744	555	$\frac{2}{185}$	$\frac{61}{185}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{555}\ \Phi_{185}^2\ \Phi_{111}\ \Phi_{37}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
31722	744	252	$\frac{1}{63}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
31723	744	285	$\frac{2}{95}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{285}^2\ \Phi_{95}^4\ \Phi_{57}^2\ \Phi_{19}^4\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
31724	744	111	$\frac{1}{37}$	$\frac{6}{37}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{111}^5\ \Phi_{37}^{10}\ \Phi_3^6\ \Phi_1^{12}$
31725	744	672	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}^2\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
31726	744	429	$\frac{2}{33}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{429}^2\ \Phi_{143}^2\ \Phi_{39}$
31727	744	1476	$\frac{2}{123}$	$\frac{1}{4}$	$\frac{121}{369}$	$\frac{1}{3}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
31728	744	690	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{15}{46}$	$\frac{1}{3}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{30}^2\ \Phi_{15}^3$
31729	744	1119	$\frac{10}{373}$	$\frac{63}{373}$	$\frac{121}{373}$	$\frac{1}{3}$	Φ_{1119}
31730	744	585	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{585}^2\ \Phi_{117}^2\ \Phi_{39}$
31731	744	759	$\frac{2}{33}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{759}\ \Phi_{253}\ \Phi_{33}^2\ \Phi_{23}\ \Phi_{11}^2\ \Phi_1^2$
31732	744	1056	$\frac{1}{32}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}^2\ \Phi_{66}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
31733	744	1119	$\frac{9}{373}$	$\frac{91}{373}$	$\frac{94}{373}$	$\frac{1}{3}$	Φ_{1119}
31734	744	492	$\frac{1}{41}$	$\frac{10}{41}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{492}^3\ \Phi_{246}^3\ \Phi_{12}^4\ \Phi_6^4$
31735	744	480	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{120}^3\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^3$
31736	744	396	$\frac{2}{33}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{22}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
31737	744	1560	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{312}\ \Phi_{156}\ \Phi_{39}$
31738	744	759	$\frac{2}{33}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{759}\ \Phi_{253}\ \Phi_{33}^2\ \Phi_{23}\ \Phi_{11}^2\ \Phi_1^2$
31739	744	345	$\frac{1}{23}$	$\frac{22}{115}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{345}^3\ \Phi_{69}^4\ \Phi_{15}^4\ \Phi_3^4$
31740	744	1155	$\frac{2}{33}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{35}$
31741	744	1365	$\frac{1}{13}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{273}\ \Phi_{39}$
31742	744	975	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{39}$
31743	744	468	$\frac{1}{13}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{52}^2\ \Phi_{39}$
31744	744	1035	$\frac{1}{15}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{14}{45}$	$\Phi_{1035}\ \Phi_{207}\ \Phi_{45}^2\ \Phi_{23}\ \Phi_9^2\ \Phi_1^2$
31745	744	180	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{180}^5\ \Phi_{90}^5\ \Phi_{60}^6\ \Phi_{36}^6\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{18}^6\ \Phi_{12}^7\ \Phi_{10}^6\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
31746	744	1035	$\frac{1}{15}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{14}{45}$	$\Phi_{1035}\ \Phi_{207}\ \Phi_{45}^2\ \Phi_{23}\ \Phi_9^2\ \Phi_1^2$
31747	744	315	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{14}{45}$	$\Phi_{315}^4\ \Phi_{63}^4\ \Phi_{35}$
31748	744	920	$\frac{2}{23}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{7}{23}$	$\Phi_{920}\ \Phi_{460}\ \Phi_{184}\ \Phi_{92}\ \Phi_{40}^2\ \Phi_{23}\ \Phi_{20}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
31749	744	805	$\frac{2}{23}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{805}\ \Phi_{161}\ \Phi_{35}^2\ \Phi_{23}\ \Phi_7^2\ \Phi_1^2$
31750	744	828	$\frac{2}{23}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{7}{23}$	$\Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{92}\ \Phi_{36}^2\ \Phi_{23}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_4^2\ \Phi_1^2$
31751	744	1053	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{1053}\ \Phi_{117}\ \Phi_{39}$
31752	744	220	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{5}$	$\frac{13}{44}$	$\Phi_{220}^4\ \Phi_{110}^4\ \Phi_{55}^5\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^4$
31753	744	170	$\frac{3}{34}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{170}^6\ \Phi_{85}^5\ \Phi_{10}^6\ \Phi_5^4$
31754	744	85	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{1}{5}$	$\frac{23}{85}$	$\Phi_{85}^9\ \Phi_{17}^8\ \Phi_5^8\ \Phi_1^8$
31755	744	945	$\frac{11}{135}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{63}\ \Phi_{35}$
31756	744	546	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{91}\ \Phi_{78}^2\ \Phi_{39}^2$
31757	744	360	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{360}^3\ \Phi_{180}\ \Phi_{120}^3\ \Phi_{90}^2\ \Phi_{72}^3\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
31758	744	1260	$\frac{1}{9}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
31759	744	36	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{36}^{19}\ \Phi_{18}^{22}\ \Phi_{12}^{21}\ \Phi_9^{21}\ \Phi_6^{23}\ \Phi_4^{20}\ \Phi_3^{22}\ \Phi_2^{22}\ \Phi_1^{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
31760	744	110	$\frac{1}{11}$	$\frac{17}{110}$	$\frac{1}{5}$	$\frac{5}{22}$	$\Phi_{110}^{6}\ \Phi_{55}^{7}\ \Phi_{22}^{8}\ \Phi_{11}^{8}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
31761	744	920	$\frac{1}{10}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{9}{40}$	$\Phi_{920}\ \Phi_{460}\ \Phi_{184}\ \Phi_{92}\ \Phi_{40}^{2}\ \Phi_{23}\ \Phi_{20}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
31762	744	280	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{9}{40}$	$\Phi_{280}^{4}\ \Phi_{140}^{4}\ \Phi_{56}^{4}\ \Phi_{35}\ \Phi_{28}^{4}$
31763	744	805	$\frac{4}{35}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{5}{23}$	$\Phi_{805}\ \Phi_{161}\ \Phi_{35}^{2}\ \Phi_{23}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
31764	744	828	$\frac{3}{23}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{5}{23}$	$\Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{92}\ \Phi_{36}^{2}\ \Phi_{23}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
31765	744	35	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{35}^{21}\ \Phi_{7}^{20}\ \Phi_{5}^{24}\ \Phi_{1}^{24}$
31766	744	525	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{13}{75}$	$\frac{1}{5}$	$\Phi_{525}^{2}\ \Phi_{175}^{2}\ \Phi_{35}$
31767	744	1260	$\frac{5}{36}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{140}\ \Phi_{35}$
31768	745	296	$\frac{1}{148}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{147}{296}$	$\Phi_{296}\ \Phi_{148}^{4}\ \Phi_{74}^{4}\ \Phi_{37}^{4}\ \Phi_{8}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
31769	745	996	$\frac{2}{249}$	$\frac{251}{996}$	$\frac{1}{3}$	$\frac{247}{498}$	$\Phi_{996}\ \Phi_{332}\ \Phi_{249}\ \Phi_{83}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
31770	745	1476	$\frac{7}{738}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{731}{1476}$	$\Phi_{1476}\ \Phi_{492}\ \Phi_{164}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
31771	745	1472	$\frac{9}{736}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{727}{1472}$	$\Phi_{1472}\ \Phi_{64}\ \Phi_{16}\ \Phi_{1}$
31772	745	294	$\frac{2}{147}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{145}{294}$	$\Phi_{294}^{2}\ \Phi_{147}^{3}\ \Phi_{98}^{2}\ \Phi_{49}^{3}\ \Phi_{42}^{2}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
31773	745	600	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{51}{200}$	$\frac{49}{100}$	$\Phi_{600}^{2}\ \Phi_{200}\ \Phi_{150}^{2}\ \Phi_{120}^{2}\ \Phi_{75}^{2}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}^{2}\ \Phi_{25}\ \Phi_{24}^{2}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
31774	745	870	$\frac{4}{145}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{141}{290}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{174}\ \Phi_{145}\ \Phi_{87}\ \Phi_{30}^{2}\ \Phi_{29}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
31775	745	180	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{31}{180}$	$\frac{29}{60}$	$\Phi_{180}^{5}\ \Phi_{90}^{5}\ \Phi_{45}^{5}\ \Phi_{36}^{5}\ \Phi_{30}^{5}\ \Phi_{18}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
31776	745	288	$\frac{5}{144}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{139}{288}$	$\Phi_{288}^{5}\ \Phi_{96}^{5}\ \Phi_{48}\ \Phi_{32}^{5}\ \Phi_{16}\ \Phi_{1}$
31777	745	288	$\frac{5}{144}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{139}{288}$	$\Phi_{288}^{5}\ \Phi_{96}^{5}\ \Phi_{36}\ \Phi_{32}^{5}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
31778	745	288	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{139}{288}$	$\Phi_{288}^{5}\ \Phi_{96}^{5}\ \Phi_{32}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
31779	745	192	$\frac{1}{24}$	$\frac{5}{48}$	$\frac{43}{192}$	$\frac{23}{48}$	$\Phi_{192}^{5}\ \Phi_{96}^{5}\ \Phi_{64}^{5}\ \Phi_{48}\ \Phi_{32}^{5}\ \Phi_{16}\ \Phi_{1}$
31780	745	864	$\frac{1}{24}$	$\frac{119}{864}$	$\frac{25}{144}$	$\frac{23}{48}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
31781	745	1008	$\frac{11}{252}$	$\frac{1}{12}$	$\frac{263}{1008}$	$\frac{241}{504}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
31782	745	816	$\frac{3}{68}$	$\frac{71}{816}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
31783	745	1408	$\frac{41}{704}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{663}{1408}$	$\Phi_{1408}\ \Phi_{128}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
31784	745	840	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{131}{280}$	$\Phi_{840}^{2}\ \Phi_{280}\ \Phi_{168}^{2}\ \Phi_{120}^{2}\ \Phi_{56}\ \Phi_{40}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
31785	745	792	$\frac{47}{792}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
31786	745	272	$\frac{3}{68}$	$\frac{13}{136}$	$\frac{1}{4}$	$\frac{123}{272}$	$\Phi_{272}^{5}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}^{5}\ \Phi_{1}$
31787	745	480	$\frac{11}{160}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{480}^{2}\ \Phi_{240}^{2}\ \Phi_{160}\ \Phi_{120}^{2}\ \Phi_{96}^{2}\ \Phi_{80}\ \Phi_{48}^{2}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
31788	745	864	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{119}{864}$	$\frac{97}{216}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
31789	745	270	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{6}$	$\frac{121}{270}$	$\Phi_{270}^{2}\ \Phi_{135}^{3}\ \Phi_{90}^{2}\ \Phi_{54}^{2}\ \Phi_{45}^{3}\ \Phi_{30}^{5}\ \Phi_{27}^{3}\ \Phi_{18}^{2}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
31790	745	1344	$\frac{1}{24}$	$\frac{73}{672}$	$\frac{23}{96}$	$\frac{599}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
31791	745	1344	$\frac{1}{12}$	$\frac{73}{672}$	$\frac{11}{84}$	$\frac{599}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{84}\ \Phi_{64}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
31792	745	1104	$\frac{9}{368}$	$\frac{1}{8}$	$\frac{359}{1104}$	$\frac{7}{16}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
31793	745	768	$\frac{23}{768}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
31794	745	168	$\frac{1}{12}$	$\frac{19}{168}$	$\frac{11}{84}$	$\frac{73}{168}$	$\Phi_{168}^4\ \Phi_{84}^5\ \Phi_{56}^4\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{24}^4\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{12}^4\ \Phi_8^4\ \Phi_7^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
31795	745	1296	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{648}$	$\frac{551}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
31796	745	156	$\frac{7}{156}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{156}^5\ \Phi_{78}^5\ \Phi_{52}^5\ \Phi_{39}^5\ \Phi_{26}^5\ \Phi_{13}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
31797	745	750	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{24}{125}$	$\frac{101}{250}$	$\Phi_{750}\ \Phi_{375}\ \Phi_{150}^2\ \Phi_{125}\ \Phi_{75}^2\ \Phi_{50}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
31798	745	186	$\frac{1}{31}$	$\frac{6}{31}$	$\frac{37}{186}$	$\frac{25}{62}$	$\Phi_{186}^5\ \Phi_{93}^5\ \Phi_{31}^4\ \Phi_6^5\ \Phi_3^5\ \Phi_1^5$
31799	745	248	$\frac{1}{31}$	$\frac{6}{31}$	$\frac{25}{124}$	$\frac{99}{248}$	$\Phi_{248}^5\ \Phi_{31}^4\ \Phi_8^5\ \Phi_1^5$
31800	745	756	$\frac{11}{756}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
31801	745	240	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{29}{120}$	$\frac{91}{240}$	$\Phi_{240}^5\ \Phi_{80}^5\ \Phi_{48}^5\ \Phi_{30}^5\ \Phi_{16}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
31802	745	888	$\frac{1}{74}$	$\frac{1}{4}$	$\frac{73}{222}$	$\frac{3}{8}$	$\Phi_{888}^2\ \Phi_{222}\ \Phi_{111}\ \Phi_{24}^2\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
31803	745	152	$\frac{3}{152}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{152}^5\ \Phi_{76}^5\ \Phi_{38}^5\ \Phi_{19}^5\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
31804	745	1480	$\frac{1}{37}$	$\frac{36}{185}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1480}\ \Phi_{185}\ \Phi_{40}\ \Phi_8\ \Phi_5\ \Phi_1$
31805	745	1152	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{169}{576}$	$\frac{407}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
31806	745	792	$\frac{47}{792}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
31807	745	1116	$\frac{1}{93}$	$\frac{92}{279}$	$\frac{371}{1116}$	$\frac{187}{558}$	$\Phi_{1116}\ \Phi_{372}\ \Phi_{279}\ \Phi_{124}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
31808	745	1107	$\frac{7}{369}$	$\frac{2}{9}$	$\frac{362}{1107}$	$\frac{1}{3}$	$\Phi_{1107}\ \Phi_{27}\ \Phi_9\ \Phi_1$
31809	745	168	$\frac{2}{21}$	$\frac{19}{168}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{42}^2\ \Phi_{28}^5\ \Phi_{24}^5\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^5\ \Phi_8^5\ \Phi_7^3\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
31810	745	180	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{31}{180}$	$\frac{14}{45}$	$\Phi_{180}^5\ \Phi_{90}^2\ \Phi_{60}^5\ \Phi_{45}^3\ \Phi_{36}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{18}^2\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_9^3\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
31811	745	216	$\frac{5}{72}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{67}{216}$	$\Phi_{216}^5\ \Phi_{108}^5\ \Phi_{54}^5\ \Phi_{36}\ \Phi_{27}^5\ \Phi_{18}\ \Phi_9\ \Phi_1$
31812	745	216	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{67}{216}$	$\Phi_{216}^5\ \Phi_{108}^5\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
31813	745	864	$\frac{1}{12}$	$\frac{119}{864}$	$\frac{25}{144}$	$\frac{11}{36}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
31814	745	180	$\frac{1}{12}$	$\frac{5}{36}$	$\frac{31}{180}$	$\frac{11}{36}$	$\Phi_{180}^5\ \Phi_{90}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{36}\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{18}\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_9\ \Phi_5^5\ \Phi_1$
31815	745	972	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{227}{972}$	$\frac{97}{324}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
31816	745	1056	$\frac{3}{44}$	$\frac{41}{352}$	$\frac{1}{4}$	$\frac{311}{1056}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
31817	745	210	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{6}$	$\frac{61}{210}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{70}^4\ \Phi_{42}^3\ \Phi_{35}^4\ \Phi_{30}^5\ \Phi_{21}^3\ \Phi_{15}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_7^4\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
31818	745	162	$\frac{13}{162}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{162}^5\ \Phi_{81}^5\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
31819	745	204	$\frac{3}{68}$	$\frac{13}{68}$	$\frac{1}{4}$	$\frac{55}{204}$	$\Phi_{204}^5\ \Phi_{102}^5\ \Phi_{68}\ \Phi_{51}^5\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
31820	745	1008	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{336}$	$\frac{263}{1008}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
31821	745	176	$\frac{3}{44}$	$\frac{27}{176}$	$\frac{41}{176}$	$\frac{1}{4}$	$\Phi_{176}^4\ \Phi_{88}^4\ \Phi_{44}^5\ \Phi_{22}^5\ \Phi_{16}^4\ \Phi_{11}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
31822	745	192	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{43}{192}$	$\Phi_{192}^5\ \Phi_{96}^5\ \Phi_{64}^5\ \Phi_{32}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
31823	745	168	$\frac{19}{168}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_7^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
31824	745	180	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{31}{180}$	$\Phi_{180}^5\ \Phi_{90}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
31825	746	596	$\frac{1}{149}$	$\frac{75}{298}$	$\frac{223}{596}$	$\frac{74}{149}$	$\Phi_{596}^2\ \Phi_{149}\ \Phi_4^2\ \Phi_1^2$
31826	746	740	$\frac{3}{370}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{367}{740}$	$\Phi_{740}^2\ \Phi_{148}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
31827	746	735	$\frac{11}{735}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{362}{735}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
31828	746	500	$\frac{2}{125}$	$\frac{1}{5}$	$\frac{127}{500}$	$\frac{123}{250}$	$\Phi_{500}^2\ \Phi_{125}^2\ \Phi_{100}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
31829	746	450	$\frac{2}{75}$	$\frac{77}{450}$	$\frac{1}{5}$	$\frac{73}{150}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
31830	746	726	$\frac{10}{363}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{353}{726}$	$\Phi_{726}^2\ \Phi_{242}^2\ \Phi_{66}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_6^2\ \Phi_2^2$
31831	746	725	$\frac{21}{725}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{352}{725}$	$\Phi_{725}\ \Phi_{145}\ \Phi_{29}\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
31832	746	408	$\frac{1}{34}$	$\frac{35}{408}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{408}^2\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{24}^2\ \Phi_{17}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
31833	746	720	$\frac{13}{360}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{347}{720}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
31834	746	714	$\frac{16}{357}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{341}{714}$	$\Phi_{714}^2\ \Phi_{238}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{42}^2\ \Phi_{34}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_2^2$
31835	746	396	$\frac{1}{22}$	$\frac{23}{396}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
31836	746	2112	$\frac{1}{22}$	$\frac{21}{352}$	$\frac{1}{3}$	$\frac{331}{704}$	$\Phi_{2112}\ \Phi_{192}\ \Phi_{66}\ \Phi_{33}\ \Phi_6$
31837	746	700	$\frac{23}{350}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{327}{700}$	$\Phi_{700}^2\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{28}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
31838	746	400	$\frac{27}{400}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{400}^2\ \Phi_{200}^2\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
31839	746	2040	$\frac{1}{34}$	$\frac{33}{340}$	$\frac{1}{3}$	$\frac{307}{680}$	$\Phi_{2040}\ \Phi_{408}\ \Phi_{120}\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}\ \Phi_6$
31840	746	675	$\frac{4}{75}$	$\frac{71}{675}$	$\frac{1}{5}$	$\frac{302}{675}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
31841	746	390	$\frac{17}{390}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
31842	746	625	$\frac{4}{125}$	$\frac{121}{625}$	$\frac{1}{5}$	$\frac{252}{625}$	$\Phi_{625}\ \Phi_{125}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
31843	746	555	$\frac{3}{185}$	$\frac{1}{5}$	$\frac{182}{555}$	$\frac{2}{5}$	$\Phi_{555}^2\ \Phi_{111}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
31844	746	380	$\frac{7}{380}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{380}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{20}^2\ \Phi_{19}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
31845	746	600	$\frac{2}{75}$	$\frac{1}{5}$	$\frac{73}{300}$	$\frac{227}{600}$	$\Phi_{600}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{75}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
31846	746	408	$\frac{1}{17}$	$\frac{35}{408}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
31847	746	396	$\frac{23}{396}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
31848	746	528	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{155}{528}$	$\frac{1}{3}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
31849	746	510	$\frac{1}{34}$	$\frac{33}{170}$	$\frac{137}{510}$	$\frac{1}{3}$	$\Phi_{510}\ \Phi_{255}\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{30}\ \Phi_{17}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
31850	746	1320	$\frac{1}{22}$	$\frac{67}{440}$	$\frac{21}{88}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
31851	746	1452	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{111}{484}$	$\frac{1}{3}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
31852	746	1428	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{103}{476}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{204}\ \Phi_{102}\ \Phi_{84}\ \Phi_{51}\ \Phi_{42}\ \Phi_{12}\ \Phi_6$
31853	746	450	$\frac{4}{75}$	$\frac{77}{450}$	$\frac{1}{5}$	$\frac{71}{225}$	$\Phi_{450}^2\ \Phi_{225}\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
31854	746	540	$\frac{13}{180}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{167}{540}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
31855	746	525	$\frac{2}{25}$	$\frac{23}{175}$	$\frac{1}{5}$	$\frac{152}{525}$	$\Phi_{525}^2\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
31856	746	405	$\frac{32}{405}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{405}^2\ \Phi_{135}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
31857	746	420	$\frac{11}{105}$	$\frac{47}{420}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
31858	746	480	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{107}{480}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
31859	746	420	$\frac{47}{420}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
31860	746	450	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{77}{450}$	$\frac{1}{5}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
31861	747	656	$\frac{1}{82}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{81}{164}$	$\Phi_{656}^2\ \Phi_{164}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
31862	747	164	$\frac{1}{82}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{81}{164}$	$\Phi_{164}^5\ \Phi_{82}^4\ \Phi_{41}^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
31863	747	980	$\frac{4}{245}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{241}{490}$	$\Phi_{980}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{49}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
31864	747	100	$\frac{1}{50}$	$\frac{17}{100}$	$\frac{1}{4}$	$\frac{49}{100}$	$\Phi_{100}^{8}\,\Phi_{50}^{7}\,\Phi_{25}^{7}\,\Phi_{20}^{8}\,\Phi_{10}^{7}\,\Phi_{5}^{7}\,\Phi_{4}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
31865	747	810	$\frac{2}{81}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{810}\,\Phi_{405}\,\Phi_{270}\,\Phi_{135}\,\Phi_{90}\,\Phi_{81}\,\Phi_{45}\,\Phi_{30}^{2}\,\Phi_{27}\,\Phi_{15}^{2}\,\Phi_{10}\,\Phi_{9}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
31866	747	560	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{560}^{2}\,\Phi_{140}^{2}\,\Phi_{112}\,\Phi_{80}^{2}\,\Phi_{70}^{2}\,\Phi_{35}^{2}\,\Phi_{28}\,\Phi_{20}^{2}\,\Phi_{16}\,\Phi_{14}\,\Phi_{10}\,\Phi_{7}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
31867	747	160	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{160}^{9}\,\Phi_{32}^{9}\,\Phi_{20}^{2}\,\Phi_{10}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
31868	747	780	$\frac{5}{78}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{73}{156}$	$\Phi_{780}^{2}\,\Phi_{260}^{2}\,\Phi_{156}\,\Phi_{60}^{2}\,\Phi_{52}\,\Phi_{30}^{2}\,\Phi_{20}^{2}\,\Phi_{15}^{2}\,\Phi_{12}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
31869	747	770	$\frac{6}{77}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{71}{154}$	$\Phi_{770}\,\Phi_{385}\,\Phi_{110}\,\Phi_{77}\,\Phi_{70}^{2}\,\Phi_{55}\,\Phi_{35}^{2}\,\Phi_{14}\,\Phi_{11}\,\Phi_{10}\,\Phi_{7}\,\Phi_{5}\,\Phi_{1}$
31870	747	480	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{13}{96}$	$\frac{11}{24}$	$\Phi_{480}^{2}\,\Phi_{240}^{2}\,\Phi_{160}^{2}\,\Phi_{96}\,\Phi_{80}^{2}\,\Phi_{60}^{2}\,\Phi_{48}\,\Phi_{32}\,\Phi_{30}^{2}\,\Phi_{20}^{2}\,\Phi_{16}\,\Phi_{15}^{2}\,\Phi_{12}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
31871	747	260	$\frac{11}{260}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{260}^{3}\,\Phi_{130}^{3}\,\Phi_{65}^{3}\,\Phi_{52}^{3}\,\Phi_{26}^{3}\,\Phi_{20}^{2}\,\Phi_{13}^{3}\,\Phi_{10}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
31872	747	300	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{1}{4}$	$\frac{67}{150}$	$\Phi_{300}^{3}\,\Phi_{100}^{4}\,\Phi_{75}^{3}\,\Phi_{60}^{3}\,\Phi_{50}\,\Phi_{25}^{3}\,\Phi_{20}^{4}\,\Phi_{15}^{3}\,\Phi_{12}^{3}\,\Phi_{10}\,\Phi_{5}^{3}\,\Phi_{4}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
31873	747	1968	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{40}{123}$	$\frac{7}{16}$	$\Phi_{1968}\,\Phi_{123}\,\Phi_{48}\,\Phi_{16}\,\Phi_{3}\,\Phi_{1}$
31874	747	720	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{72}$	$\frac{61}{144}$	$\Phi_{720}^{2}\,\Phi_{240}^{2}\,\Phi_{144}\,\Phi_{80}^{2}\,\Phi_{60}^{2}\,\Phi_{48}\,\Phi_{30}^{2}\,\Phi_{20}^{2}\,\Phi_{16}\,\Phi_{15}^{2}\,\Phi_{12}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
31875	747	140	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{70}$	$\frac{57}{140}$	$\Phi_{140}^{9}\,\Phi_{70}^{2}\,\Phi_{35}^{2}\,\Phi_{28}^{9}\,\Phi_{20}^{9}\,\Phi_{14}\,\Phi_{10}\,\Phi_{7}\,\Phi_{5}\,\Phi_{4}^{9}\,\Phi_{1}$
31876	747	400	$\frac{1}{50}$	$\frac{49}{200}$	$\frac{1}{4}$	$\frac{151}{400}$	$\Phi_{400}^{3}\,\Phi_{100}^{2}\,\Phi_{80}^{3}\,\Phi_{50}\,\Phi_{25}\,\Phi_{20}^{2}\,\Phi_{16}^{3}\,\Phi_{10}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
31877	747	440	$\frac{5}{88}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^{2}\,\Phi_{220}^{2}\,\Phi_{110}^{2}\,\Phi_{88}\,\Phi_{55}^{2}\,\Phi_{44}\,\Phi_{22}\,\Phi_{20}^{2}\,\Phi_{11}\,\Phi_{10}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
31878	747	630	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{630}\,\Phi_{315}\,\Phi_{210}^{2}\,\Phi_{105}^{2}\,\Phi_{90}\,\Phi_{70}^{2}\,\Phi_{63}\,\Phi_{45}\,\Phi_{42}\,\Phi_{35}^{2}\,\Phi_{30}^{2}\,\Phi_{21}\,\Phi_{15}^{2}\,\Phi_{14}\,\Phi_{10}\,\Phi_{9}\,\Phi_{7}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
31879	747	540	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{540}^{2}\,\Phi_{270}\,\Phi_{180}^{2}\,\Phi_{135}\,\Phi_{108}\,\Phi_{90}\,\Phi_{60}^{2}\,\Phi_{45}\,\Phi_{36}\,\Phi_{30}^{2}\,\Phi_{27}\,\Phi_{20}^{2}\,\Phi_{15}^{2}\,\Phi_{12}\,\Phi_{10}\,\Phi_{9}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
31880	747	90	$\frac{7}{90}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{90}^{8}\,\Phi_{45}^{8}\,\Phi_{30}^{9}\,\Phi_{18}^{8}\,\Phi_{15}^{9}\,\Phi_{10}^{8}\,\Phi_{9}^{9}\,\Phi_{6}^{9}\,\Phi_{5}^{8}\,\Phi_{3}^{9}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
31881	747	492	$\frac{1}{41}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{40}{123}$	$\Phi_{492}^{2}\,\Phi_{246}^{2}\,\Phi_{123}^{3}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
31882	747	100	$\frac{1}{25}$	$\frac{17}{100}$	$\frac{1}{4}$	$\frac{8}{25}$	$\Phi_{100}^{7}\,\Phi_{50}^{7}\,\Phi_{25}^{9}\,\Phi_{20}^{7}\,\Phi_{10}^{7}\,\Phi_{5}^{9}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{9}$
31883	747	120	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{120}^{9}\,\Phi_{60}^{9}\,\Phi_{30}^{9}\,\Phi_{24}^{9}\,\Phi_{20}^{2}\,\Phi_{15}^{9}\,\Phi_{12}^{9}\,\Phi_{10}\,\Phi_{6}^{9}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}^{9}\,\Phi_{1}$
31884	747	540	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{540}^{2}\,\Phi_{270}^{2}\,\Phi_{135}^{2}\,\Phi_{108}\,\Phi_{60}^{2}\,\Phi_{54}\,\Phi_{30}^{2}\,\Phi_{27}\,\Phi_{20}^{2}\,\Phi_{15}^{2}\,\Phi_{12}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
31885	747	180	$\frac{7}{90}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{180}^{6}\,\Phi_{90}^{3}\,\Phi_{60}^{6}\,\Phi_{45}^{3}\,\Phi_{36}^{6}\,\Phi_{30}^{3}\,\Phi_{20}^{2}\,\Phi_{18}^{3}\,\Phi_{15}^{3}\,\Phi_{12}^{6}\,\Phi_{10}\,\Phi_{9}^{3}\,\Phi_{6}^{3}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}^{3}\,\Phi_{1}$
31886	747	280	$\frac{1}{10}$	$\frac{31}{280}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{280}^{3}\,\Phi_{140}^{3}\,\Phi_{70}^{3}\,\Phi_{56}^{3}\,\Phi_{35}^{3}\,\Phi_{28}^{3}\,\Phi_{20}^{2}\,\Phi_{14}^{3}\,\Phi_{10}\,\Phi_{7}^{3}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
31887	747	320	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{320}$	$\frac{1}{4}$	$\Phi_{320}^{3}\,\Phi_{160}^{3}\,\Phi_{64}^{3}\,\Phi_{32}^{3}\,\Phi_{20}^{2}\,\Phi_{10}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
31888	747	280	$\frac{31}{280}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{280}^{3}\,\Phi_{140}^{2}\,\Phi_{70}^{2}\,\Phi_{56}^{3}\,\Phi_{40}^{3}\,\Phi_{35}^{3}\,\Phi_{28}^{2}\,\Phi_{20}^{3}\,\Phi_{14}^{2}\,\Phi_{10}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
31889	747	480	$\frac{1}{10}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{480}^{2}\,\Phi_{240}^{2}\,\Phi_{160}^{2}\,\Phi_{120}^{2}\,\Phi_{96}\,\Phi_{60}^{2}\,\Phi_{48}\,\Phi_{32}\,\Phi_{30}^{2}\,\Phi_{24}\,\Phi_{20}^{2}\,\Phi_{15}^{2}\,\Phi_{12}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
31890	747	100	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{100}^{9}\,\Phi_{50}^{9}\,\Phi_{25}^{9}\,\Phi_{20}^{2}\,\Phi_{10}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
31891	748	372	$\frac{1}{186}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{185}{372}$	$\Phi_{372}^{4}\,\Phi_{124}^{4}\,\Phi_{12}^{4}\,\Phi_{4}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
31892	748	750	$\frac{1}{125}$	$\frac{63}{250}$	$\frac{1}{3}$	$\frac{62}{125}$	$\Phi_{750}^{2}\,\Phi_{375}\,\Phi_{150}^{2}\,\Phi_{75}\,\Phi_{30}^{2}\,\Phi_{15}\,\Phi_{6}^{2}$
31893	748	1110	$\frac{2}{185}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{183}{370}$	$\Phi_{1110}^{2}\,\Phi_{222}^{2}\,\Phi_{30}^{2}\,\Phi_{15}\,\Phi_{6}^{2}$
31894	748	332	$\frac{1}{83}$	$\frac{21}{166}$	$\frac{145}{332}$	$\frac{41}{83}$	$\Phi_{332}^{4}\,\Phi_{83}\,\Phi_{4}^{4}\,\Phi_{1}^{2}$
31895	748	249	$\frac{1}{83}$	$\frac{62}{249}$	$\frac{21}{83}$	$\frac{41}{83}$	$\Phi_{249}^{4}\,\Phi_{83}\,\Phi_{3}^{4}\,\Phi_{1}^{2}$
31896	748	225	$\frac{1}{75}$	$\frac{38}{225}$	$\frac{1}{3}$	$\frac{37}{75}$	$\Phi_{225}^{4}\,\Phi_{75}^{2}\,\Phi_{45}^{4}\,\Phi_{25}^{2}\,\Phi_{15}^{2}\,\Phi_{9}^{4}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
31897	748	369	$\frac{5}{369}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{182}{369}$	$\Phi_{369}^2\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
31898	748	1340	$\frac{1}{67}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{33}{67}$	$\Phi_{1340}\ \Phi_{268}\ \Phi_{67}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
31899	748	1005	$\frac{1}{67}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{33}{67}$	$\Phi_{1005}\ \Phi_{201}\ \Phi_{67}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
31900	748	1840	$\frac{3}{184}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{181}{368}$	$\Phi_{1840}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
31901	748	735	$\frac{13}{735}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{361}{735}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
31902	748	1376	$\frac{1}{43}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{21}{43}$	$\Phi_{1376}\ \Phi_{43}\ \Phi_{32}^2\ \Phi_1^2$
31903	748	1032	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{21}{43}$	$\Phi_{1032}\ \Phi_{516}\ \Phi_{258}\ \Phi_{129}\ \Phi_{43}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
31904	748	860	$\frac{1}{43}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{21}{43}$	$\Phi_{860}\ \Phi_{430}\ \Phi_{215}\ \Phi_{43}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
31905	748	729	$\frac{19}{729}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{355}{729}$	$\Phi_{729}\ \Phi_{243}\ \Phi_{81}\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
31906	748	231	$\frac{1}{33}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{16}{33}$	$\Phi_{231}^3\ \Phi_{77}^3\ \Phi_{33}^4\ \Phi_{21}^4\ \Phi_{11}^4\ \Phi_7^4\ \Phi_3^5\ \Phi_1^6$
31907	748	132	$\frac{1}{33}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{132}^6\ \Phi_{66}^6\ \Phi_{44}^6\ \Phi_{33}^4\ \Phi_{22}^6\ \Phi_{12}^8\ \Phi_{11}^4\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
31908	748	462	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{16}{33}$	$\Phi_{462}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{14}^4\ \Phi_{11}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
31909	748	747	$\frac{23}{747}$	$\frac{35}{747}$	$\frac{356}{747}$	$\frac{362}{747}$	$\Phi_{747}\ \Phi_{249}\ \Phi_{83}\ \Phi_9\ \Phi_3\ \Phi_1^2$
31910	748	252	$\frac{2}{63}$	$\frac{1}{9}$	$\frac{65}{252}$	$\frac{61}{126}$	$\Phi_{252}^4\ \Phi_{84}^4\ \Phi_{63}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_7^4\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
31911	748	360	$\frac{7}{180}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{173}{360}$	$\Phi_{360}^4\ \Phi_{120}^4\ \Phi_{72}^4\ \Phi_{40}^4\ \Phi_{24}^4\ \Phi_{15}^2\ \Phi_8^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
31912	748	360	$\frac{7}{180}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{173}{360}$	$\Phi_{360}^4\ \Phi_{120}^4\ \Phi_{72}^4\ \Phi_{40}^4\ \Phi_{24}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
31913	748	600	$\frac{1}{25}$	$\frac{13}{200}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
31914	748	276	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{276}^3\ \Phi_{138}^3\ \Phi_{92}^3\ \Phi_{69}^3\ \Phi_{46}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2$
31915	748	126	$\frac{1}{21}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{126}^6\ \Phi_{63}^6\ \Phi_{42}^6\ \Phi_{21}^4\ \Phi_{18}^8\ \Phi_{14}^6\ \Phi_9^8\ \Phi_7^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
31916	748	462	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{10}{21}$	$\Phi_{462}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{22}^4\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
31917	748	747	$\frac{41}{747}$	$\frac{50}{747}$	$\frac{197}{747}$	$\frac{353}{747}$	$\Phi_{747}\ \Phi_{249}\ \Phi_{83}\ \Phi_9\ \Phi_3\ \Phi_1^2$
31918	748	375	$\frac{6}{125}$	$\frac{7}{125}$	$\frac{1}{3}$	$\frac{59}{125}$	$\Phi_{375}^3\ \Phi_{75}^3\ \Phi_{15}^3\ \Phi_3^2$
31919	748	2208	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{2208}\ \Phi_{69}$
31920	748	1376	$\frac{1}{16}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{15}{32}$	$\Phi_{1376}\ \Phi_{43}\ \Phi_{32}^2\ \Phi_1^2$
31921	748	480	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{480}^4\ \Phi_{160}^3\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
31922	748	351	$\frac{23}{351}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{164}{351}$	$\Phi_{351}^2\ \Phi_{117}^2\ \Phi_{39}^2\ \Phi_{27}^4\ \Phi_{13}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
31923	748	195	$\frac{8}{195}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{195}^4\ \Phi_{65}^4\ \Phi_{39}^4\ \Phi_{15}^2\ \Phi_{13}^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
31924	748	90	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{90}^9\ \Phi_{45}^9\ \Phi_{30}^9\ \Phi_{18}^8\ \Phi_{15}^6\ \Phi_{10}^9\ \Phi_9^8\ \Phi_6^8\ \Phi_5^6\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
31925	748	1050	$\frac{1}{25}$	$\frac{12}{175}$	$\frac{1}{3}$	$\frac{163}{350}$	$\Phi_{1050}^2\ \Phi_{210}^2\ \Phi_{150}^2\ \Phi_{75}\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
31926	748	216	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{29}{216}$	$\frac{25}{54}$	$\Phi_{216}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
31927	748	63	$\frac{5}{63}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{29}{63}$	$\Phi_{63}^{12}\ \Phi_{21}^{12}\ \Phi_9^{11}\ \Phi_7^{12}\ \Phi_3^{11}\ \Phi_1^{12}$
31928	748	747	$\frac{32}{747}$	$\frac{65}{747}$	$\frac{203}{747}$	$\frac{341}{747}$	$\Phi_{747}\ \Phi_{249}\ \Phi_{83}\ \Phi_9\ \Phi_3\ \Phi_1^2$
31929	748	375	$\frac{4}{125}$	$\frac{11}{125}$	$\frac{1}{3}$	$\frac{57}{125}$	$\Phi_{375}^3\ \Phi_{75}^3\ \Phi_{15}^3\ \Phi_3^2$
31930	748	420	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{420}^5\ \Phi_{105}\ \Phi_{84}^5\ \Phi_{60}^4\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}^4$
31931	748	1340	$\frac{3}{67}$	$\frac{1}{10}$	$\frac{16}{67}$	$\frac{9}{20}$	$\Phi_{1340}\ \Phi_{268}\ \Phi_{67}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
31932	748	180	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{180}^8\ \Phi_{90}\ \Phi_{60}^8\ \Phi_{45}\ \Phi_{36}^8\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^8\ \Phi_{10}\ \Phi_4^4$
31933	748	675	$\frac{2}{75}$	$\frac{73}{675}$	$\frac{1}{3}$	$\frac{301}{675}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
31934	748	54	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{54}^{18}\ \Phi_{27}^{16}\ \Phi_{18}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
31935	748	90	$\frac{1}{45}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{90}^{15}\ \Phi_{45}^{2}\ \Phi_{30}^{14}\ \Phi_{18}^{15}\ \Phi_{15}^{2}\ \Phi_{10}^{14}\ \Phi_{9}^{2}\ \Phi_{6}^{14}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{14}\ \Phi_{1}^{2}$
31936	748	690	$\frac{1}{23}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{690}^{2}\ \Phi_{230}^{2}\ \Phi_{138}^{2}\ \Phi_{115}\ \Phi_{46}^{2}$
31937	748	483	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{483}^{2}\ \Phi_{161}\ \Phi_{69}^{2}$
31938	748	324	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{25}{162}$	$\frac{137}{324}$	$\Phi_{324}^{4}\ \Phi_{108}^{4}\ \Phi_{36}^{4}\ \Phi_{27}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
31939	748	360	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{360}^{3}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{72}^{3}\ \Phi_{45}^{2}\ \Phi_{40}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{2}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
31940	748	315	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{59}{315}$	$\frac{128}{315}$	$\Phi_{315}^{2}\ \Phi_{105}^{2}\ \Phi_{63}^{4}\ \Phi_{45}^{2}\ \Phi_{35}^{2}\ \Phi_{21}^{4}\ \Phi_{15}^{2}\ \Phi_{9}^{3}\ \Phi_{7}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
31941	748	570	$\frac{3}{190}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{570}^{2}\ \Phi_{285}^{2}\ \Phi_{114}^{2}\ \Phi_{57}^{2}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{6}^{2}$
31942	748	460	$\frac{1}{23}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{460}^{2}\ \Phi_{230}^{2}\ \Phi_{115}\ \Phi_{92}^{2}\ \Phi_{46}^{2}$
31943	748	450	$\frac{1}{18}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{450}^{2}\ \Phi_{225}^{2}\ \Phi_{150}^{2}\ \Phi_{90}\ \Phi_{75}^{2}\ \Phi_{50}^{2}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
31944	748	644	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{644}^{2}\ \Phi_{161}\ \Phi_{92}^{2}$
31945	748	414	$\frac{1}{69}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{414}^{3}\ \Phi_{138}^{3}\ \Phi_{69}^{2}\ \Phi_{46}^{3}\ \Phi_{23}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
31946	748	18	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{18}^{40}\ \Phi_{9}^{43}\ \Phi_{6}^{40}\ \Phi_{3}^{43}\ \Phi_{2}^{40}\ \Phi_{1}^{44}$
31947	748	300	$\frac{1}{75}$	$\frac{37}{150}$	$\frac{1}{3}$	$\frac{113}{300}$	$\Phi_{300}^{4}\ \Phi_{100}^{4}\ \Phi_{75}^{2}\ \Phi_{60}^{4}\ \Phi_{25}^{2}\ \Phi_{20}^{4}\ \Phi_{15}^{2}\ \Phi_{12}^{4}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
31948	748	1104	$\frac{1}{69}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1104}\ \Phi_{368}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{48}\ \Phi_{46}\ \Phi_{12}\ \Phi_{6}$
31949	748	960	$\frac{5}{192}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
31950	748	567	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{181}{567}$	$\frac{193}{567}$	$\Phi_{567}\ \Phi_{189}^{2}\ \Phi_{81}\ \Phi_{63}^{2}\ \Phi_{27}^{2}\ \Phi_{21}^{2}\ \Phi_{9}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
31951	748	1410	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{46}{141}$	$\frac{95}{282}$	$\Phi_{1410}\ \Phi_{470}\ \Phi_{235}\ \Phi_{30}\ \Phi_{10}$
31952	748	189	$\frac{2}{189}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{189}^{4}\ \Phi_{63}^{4}\ \Phi_{27}^{4}\ \Phi_{21}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
31953	748	279	$\frac{1}{93}$	$\frac{92}{279}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{279}^{4}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
31954	748	744	$\frac{1}{62}$	$\frac{61}{248}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{744}\ \Phi_{372}\ \Phi_{248}^{2}\ \Phi_{124}^{2}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
31955	748	465	$\frac{2}{93}$	$\frac{91}{465}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{465}^{2}\ \Phi_{155}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
31956	748	192	$\frac{5}{192}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{192}^{4}\ \Phi_{96}^{4}\ \Phi_{64}^{4}\ \Phi_{48}^{4}\ \Phi_{32}^{4}\ \Phi_{24}^{4}\ \Phi_{16}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
31957	748	651	$\frac{1}{31}$	$\frac{30}{217}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{651}\ \Phi_{217}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
31958	748	93	$\frac{5}{93}$	$\frac{8}{93}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{93}^{8}\ \Phi_{31}^{8}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
31959	748	36	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{36}^{24}\ \Phi_{18}^{20}\ \Phi_{12}^{20}\ \Phi_{9}^{20}\ \Phi_{6}^{16}\ \Phi_{4}^{20}\ \Phi_{3}^{17}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
31960	748	555	$\frac{4}{185}$	$\frac{1}{5}$	$\frac{181}{555}$	$\frac{1}{3}$	$\Phi_{555}\ \Phi_{185}^{2}\ \Phi_{111}\ \Phi_{37}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
31961	748	225	$\frac{2}{75}$	$\frac{38}{225}$	$\frac{73}{225}$	$\frac{1}{3}$	$\Phi_{225}^{3}\ \Phi_{75}^{4}\ \Phi_{45}^{3}\ \Phi_{25}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{3}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
31962	748	75	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{75}^{15}\ \Phi_{15}^{15}\ \Phi_{3}^{14}$
31963	748	396	$\frac{2}{33}$	$\frac{1}{12}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{396}^{3}\ \Phi_{198}^{3}\ \Phi_{99}^{2}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
31964	748	405	$\frac{1}{15}$	$\frac{31}{405}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{405}^{2}\ \Phi_{135}^{2}\ \Phi_{81}^{2}\ \Phi_{27}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
31965	748	270	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{83}{270}$	$\frac{1}{3}$	$\Phi_{270}^{4}\ \Phi_{135}^{4}\ \Phi_{54}^{4}\ \Phi_{27}^{4}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
31966	748	126	$\frac{1}{18}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{126}^{6}\ \Phi_{63}^{5}\ \Phi_{42}^{6}\ \Phi_{21}^{6}\ \Phi_{18}^{8}\ \Phi_{14}^{6}\ \Phi_{9}^{7}\ \Phi_{7}^{6}\ \Phi_{6}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
31967	748	552	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{552}\ \Phi_{276}\ \Phi_{184}^{2}\ \Phi_{138}\ \Phi_{92}^{2}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{23}^{2}$
31968	748	525	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{151}{525}$	$\frac{1}{3}$	$\Phi_{525}\ \Phi_{175}^{2}\ \Phi_{105}\ \Phi_{75}^{2}\ \Phi_{35}^{2}\ \Phi_{25}^{2}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
31969	748	105	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{105}^{6}\ \Phi_{35}^{10}\ \Phi_{21}^{6}\ \Phi_{15}^{5}\ \Phi_{7}^{10}\ \Phi_{5}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
31970	748	1380	$\frac{1}{23}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{69}$
31971	748	210	$\frac{1}{15}$	$\frac{23}{210}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{210}^{4}\ \Phi_{105}^{4}\ \Phi_{70}^{4}\ \Phi_{42}^{4}\ \Phi_{35}^{4}\ \Phi_{21}^{4}\ \Phi_{15}^{2}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
31972	748	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{132}^{6}\ \Phi_{66}^{4}\ \Phi_{44}^{6}\ \Phi_{33}^{5}\ \Phi_{22}^{6}\ \Phi_{12}^{8}\ \Phi_{11}^{6}\ \Phi_{6}^{8}\ \Phi_{4}^{6}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
31973	748	240	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{53}{240}$	$\frac{1}{3}$	$\Phi_{240}^{4}\ \Phi_{120}^{4}\ \Phi_{80}^{4}\ \Phi_{48}^{4}\ \Phi_{40}^{4}\ \Phi_{24}^{4}\ \Phi_{16}^{4}\ \Phi_{15}^{2}\ \Phi_{8}^{4}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
31974	748	126	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{126}^6\ \Phi_{63}^6\ \Phi_{42}^4\ \Phi_{21}^5\ \Phi_{18}^8\ \Phi_{14}^6\ \Phi_9^8\ \Phi_7^6\ \Phi_6^6\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
31975	748	225	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{38}{225}$	$\frac{1}{3}$	$\Phi_{225}^4\ \Phi_{75}^4\ \Phi_{25}^4\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
31976	748	210	$\frac{23}{210}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{210}^4\ \Phi_{105}^3\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^3\ \Phi_{30}^4\ \Phi_{21}^3\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^3\ \Phi_6^4\ \Phi_5^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
31977	748	1380	$\frac{3}{92}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{89}{276}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
31978	748	243	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{56}{243}$	$\frac{25}{81}$	$\Phi_{243}^4\ \Phi_{27}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
31979	748	270	$\frac{7}{90}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{83}{270}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
31980	748	405	$\frac{31}{405}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{405}^2\ \Phi_{135}^2\ \Phi_{81}\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
31981	748	243	$\frac{19}{243}$	$\frac{1}{9}$	$\frac{56}{243}$	$\frac{8}{27}$	$\Phi_{243}^3\ \Phi_{81}^3\ \Phi_{27}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
31982	748	1032	$\frac{3}{43}$	$\frac{1}{8}$	$\frac{10}{43}$	$\frac{7}{24}$	$\Phi_{1032}\ \Phi_{516}\ \Phi_{258}\ \Phi_{129}\ \Phi_{43}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
31983	748	120	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{120}^7\ \Phi_{60}^8\ \Phi_{40}^8\ \Phi_{30}^8\ \Phi_{20}^9\ \Phi_{15}^8\ \Phi_{10}^9\ \Phi_5^8$
31984	748	1035	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{1035}\ \Phi_{207}\ \Phi_{115}$
31985	748	1005	$\frac{3}{67}$	$\frac{1}{5}$	$\frac{16}{67}$	$\frac{4}{15}$	$\Phi_{1005}\ \Phi_{201}\ \Phi_{67}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
31986	748	90	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{90}^9\ \Phi_{45}^9\ \Phi_{30}^9\ \Phi_{18}^8\ \Phi_{15}^5\ \Phi_{10}^9\ \Phi_9^8\ \Phi_6^8\ \Phi_5^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
31987	748	860	$\frac{3}{43}$	$\frac{3}{20}$	$\frac{10}{43}$	$\frac{1}{4}$	$\Phi_{860}\ \Phi_{430}\ \Phi_{215}\ \Phi_{43}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
31988	748	60	$\frac{1}{12}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{60}^{13}\ \Phi_{30}^{13}\ \Phi_{20}^{10}\ \Phi_{15}^{13}\ \Phi_{12}^{16}\ \Phi_{10}^{10}\ \Phi_6^{16}\ \Phi_5^9\ \Phi_4^{12}\ \Phi_3^{16}\ \Phi_2^{12}\ \Phi_1^{12}$
31989	748	154	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{5}{22}$	$\Phi_{154}^4\ \Phi_{77}^5\ \Phi_{22}^6\ \Phi_{14}^6\ \Phi_{11}^6\ \Phi_7^6\ \Phi_2^8\ \Phi_1^8$
31990	748	216	$\frac{1}{9}$	$\frac{29}{216}$	$\frac{7}{36}$	$\frac{2}{9}$	$\Phi_{216}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_{24}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
31991	748	225	$\frac{1}{9}$	$\frac{7}{45}$	$\frac{38}{225}$	$\frac{2}{9}$	$\Phi_{225}^4\ \Phi_{75}^4\ \Phi_{25}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
31992	749	1488	$\frac{5}{744}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{739}{1488}$	$\Phi_{1488}\ \Phi_{496}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
31993	749	636	$\frac{1}{106}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{105}{212}$	$\Phi_{318}^2\ \Phi_{212}\ \Phi_{159}^2\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
31994	749	1908	$\frac{1}{106}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{105}{212}$	$\Phi_{1908}\ \Phi_{212}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
31995	749	1360	$\frac{1}{68}$	$\frac{69}{680}$	$\frac{611}{1360}$	$\frac{67}{136}$	$\Phi_{1360}\ \Phi_{272}\ \Phi_{136}\ \Phi_{80}\ \Phi_{16}\ \Phi_8\ \Phi_1$
31996	749	1472	$\frac{13}{736}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{723}{1472}$	$\Phi_{1472}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
31997	749	840	$\frac{2}{105}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{103}{210}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
31998	749	1408	$\frac{1}{44}$	$\frac{45}{704}$	$\frac{659}{1408}$	$\frac{43}{88}$	$\Phi_{1408}\ \Phi_{128}\ \Phi_{88}\ \Phi_8\ \Phi_1$
31999	749	1056	$\frac{1}{44}$	$\frac{45}{352}$	$\frac{307}{1056}$	$\frac{43}{88}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
32000	749	880	$\frac{1}{44}$	$\frac{131}{880}$	$\frac{45}{176}$	$\frac{43}{88}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
32001	749	144	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{37}{144}$	$\frac{35}{72}$	$\Phi_{144}^7\ \Phi_{72}^4\ \Phi_{48}^7\ \Phi_{36}^3\ \Phi_{24}^4\ \Phi_{18}^3\ \Phi_{16}^7\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
32002	749	208	$\frac{3}{104}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{101}{208}$	$\Phi_{208}^7\ \Phi_{16}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
32003	749	1452	$\frac{23}{726}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{703}{1452}$	$\Phi_{1452}\ \Phi_{484}\ \Phi_{132}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
32004	749	1012	$\frac{10}{253}$	$\frac{1}{11}$	$\frac{263}{1012}$	$\frac{243}{506}$	$\Phi_{1012}\ \Phi_{253}\ \Phi_{92}\ \Phi_{44}\ \Phi_{23}\ \Phi_4\ \Phi_1$
32005	749	204	$\frac{5}{102}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{97}{204}$	$\Phi_{204}^7\ \Phi_{68}^7\ \Phi_{51}\ \Phi_{12}^7\ \Phi_4^7\ \Phi_3\ \Phi_1$
32006	749	204	$\frac{5}{102}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{97}{204}$	$\Phi_{204}^7\ \Phi_{68}^7\ \Phi_{17}^2\ \Phi_{12}^7\ \Phi_4^7\ \Phi_1^3$
32007	749	408	$\frac{5}{102}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{97}{204}$	$\Phi_{408}^2\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{24}^4\ \Phi_{17}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
32008	749	1020	$\frac{1}{17}$	$\frac{16}{255}$	$\frac{271}{1020}$	$\frac{239}{510}$	$\Phi_{1020}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
32009	749	792	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{91}{198}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}^2\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
32010	749	120	$\frac{1}{12}$	$\frac{13}{120}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{120}^7\ \Phi_{60}^7\ \Phi_{40}^7\ \Phi_{30}^7\ \Phi_{24}^4\ \Phi_{20}^7\ \Phi_{15}^7\ \Phi_{12}^3\ \Phi_{10}^7\ \Phi_8^3\ \Phi_6^3\ \Phi_5^7\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
32011	749	1360	$\frac{1}{17}$	$\frac{69}{680}$	$\frac{16}{85}$	$\frac{611}{1360}$	$\Phi_{1360}\ \Phi_{272}\ \Phi_{85}\ \Phi_{80}\ \Phi_{16}\ \Phi_5\ \Phi_1$
32012	749	918	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{169}{918}$	$\frac{137}{306}$	$\Phi_{918}\ \Phi_{459}\ \Phi_{153}\ \Phi_{54}\ \Phi_{51}\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1$
32013	749	192	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{8}$	$\frac{85}{192}$	$\Phi_{192}^7\ \Phi_{64}^7\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
32014	749	1320	$\frac{1}{44}$	$\frac{89}{660}$	$\frac{43}{132}$	$\frac{571}{1320}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{66}\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
32015	749	1320	$\frac{1}{22}$	$\frac{89}{660}$	$\frac{21}{110}$	$\frac{571}{1320}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}\ \Phi_{24}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
32016	749	132	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{25}{132}$	$\frac{19}{44}$	$\Phi_{132}^7\ \Phi_{66}^7\ \Phi_{33}^7\ \Phi_{22}^6\ \Phi_{12}^7\ \Phi_{11}^6\ \Phi_6^7\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
32017	749	188	$\frac{3}{94}$	$\frac{13}{94}$	$\frac{1}{4}$	$\frac{81}{188}$	$\Phi_{188}^3\ \Phi_{94}^5\ \Phi_{47}^5\ \Phi_4^2\ \Phi_2^4\ \Phi_1^5$
32018	749	1056	$\frac{1}{44}$	$\frac{43}{264}$	$\frac{307}{1056}$	$\frac{221}{528}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
32019	749	636	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{52}{159}$	$\frac{5}{12}$	$\Phi_{636}^2\ \Phi_{212}^2\ \Phi_{159}\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
32020	749	768	$\frac{19}{768}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
32021	749	850	$\frac{1}{17}$	$\frac{101}{850}$	$\frac{16}{85}$	$\frac{69}{170}$	$\Phi_{850}\ \Phi_{425}\ \Phi_{85}\ \Phi_{50}\ \Phi_{25}\ \Phi_5\ \Phi_1$
32022	749	360	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{17}{90}$	$\frac{73}{180}$	$\Phi_{360}^2\ \Phi_{180}\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^4\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
32023	749	880	$\frac{1}{22}$	$\frac{131}{880}$	$\frac{21}{110}$	$\frac{89}{220}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
32024	749	176	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{19}{88}$	$\frac{69}{176}$	$\Phi_{176}^7\ \Phi_{22}^6\ \Phi_{16}^7\ \Phi_{11}^6\ \Phi_2^6\ \Phi_1^7$
32025	749	1224	$\frac{1}{68}$	$\frac{137}{612}$	$\frac{67}{204}$	$\frac{475}{1224}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{72}\ \Phi_{51}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
32026	749	1224	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{137}{612}$	$\frac{475}{1224}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}\ \Phi_{51}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
32027	749	1088	$\frac{1}{68}$	$\frac{67}{272}$	$\frac{339}{1088}$	$\frac{205}{544}$	$\Phi_{1088}\ \Phi_{272}\ \Phi_{136}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
32028	749	992	$\frac{5}{248}$	$\frac{243}{992}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{992}\ \Phi_{496}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
32029	749	768	$\frac{19}{768}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
32030	749	112	$\frac{5}{112}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{112}^7\ \Phi_{56}^7\ \Phi_{28}^7\ \Phi_{16}^7\ \Phi_{14}^7\ \Phi_8^3\ \Phi_7^7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
32031	749	792	$\frac{43}{792}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
32032	749	816	$\frac{1}{17}$	$\frac{67}{816}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
32033	749	648	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{26}{81}$	$\frac{55}{162}$	$\Phi_{648}\ \Phi_{324}\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{81}\ \Phi_{72}^2\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
32034	749	1128	$\frac{3}{188}$	$\frac{1}{4}$	$\frac{185}{564}$	$\frac{379}{1128}$	$\Phi_{1128}\ \Phi_{376}\ \Phi_{188}\ \Phi_{94}\ \Phi_{47}\ \Phi_{24}\ \Phi_8\ \Phi_1$
32035	749	477	$\frac{1}{53}$	$\frac{2}{9}$	$\frac{52}{159}$	$\frac{1}{3}$	$\Phi_{477}^2\ \Phi_{159}\ \Phi_9^3\ \Phi_3\ \Phi_1$
32036	749	504	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{19}{126}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
32037	749	120	$\frac{13}{120}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{40}^6\ \Phi_{30}^6\ \Phi_{24}^7\ \Phi_{20}^6\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}^6\ \Phi_8^6\ \Phi_6^7\ \Phi_5^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
32038	749	1104	$\frac{13}{368}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{355}{1104}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
32039	749	312	$\frac{3}{52}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{49}{156}$	$\Phi_{312}^4\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
32040	749	153	$\frac{1}{17}$	$\frac{5}{51}$	$\frac{46}{153}$	$\frac{16}{51}$	$\Phi_{153}^7\ \Phi_{51}\ \Phi_9^7\ \Phi_3\ \Phi_1$
32041	749	1089	$\frac{23}{363}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{340}{1089}$	$\Phi_{1089}\ \Phi_{99}\ \Phi_{33}\ \Phi_9\ \Phi_3\ \Phi_1$
32042	749	153	$\frac{5}{51}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{46}{153}$	$\Phi_{153}^7\ \Phi_{17}^2\ \Phi_9^7\ \Phi_1^3$
32043	749	119	$\frac{12}{119}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{119}^7\ \Phi_{17}^2\ \Phi_7^7\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
32044	749	990	$\frac{1}{22}$	$\frac{21}{110}$	$\frac{241}{990}$	$\frac{89}{330}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{198}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
32045	749	1020	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{69}{340}$	$\frac{271}{1020}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{204}\ \Phi_{102}\ \Phi_{85}\ \Phi_{60}\ \Phi_{51}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
32046	749	144	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{48}$	$\frac{37}{144}$	$\Phi_{144}^{7}\ \Phi_{72}^{7}\ \Phi_{36}^{7}\ \Phi_{24}^{4}\ \Phi_{18}^{7}\ \Phi_{12}^{3}\ \Phi_{9}^{7}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
32047	749	136	$\frac{2}{17}$	$\frac{5}{34}$	$\frac{3}{17}$	$\frac{29}{136}$	$\Phi_{136}^{7}\ \Phi_{68}^{7}\ \Phi_{17}^{2}\ \Phi_{8}^{7}\ \Phi_{4}^{7}\ \Phi_{1}^{3}$
32048	750	1192	$\frac{1}{149}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{74}{149}$	$\Phi_{1192}\ \Phi_{149}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
32049	750	1240	$\frac{1}{124}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{123}{248}$	$\Phi_{1240}\ \Phi_{248}^{2}\ \Phi_{40}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
32050	750	744	$\frac{1}{124}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{123}{248}$	$\Phi_{744}^{3}\ \Phi_{24}^{3}\ \Phi_{12}\ \Phi_{6}$
32051	750	214	$\frac{1}{107}$	$\frac{18}{107}$	$\frac{89}{214}$	$\frac{53}{107}$	$\Phi_{214}^{6}\ \Phi_{107}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
32052	750	742	$\frac{4}{371}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{367}{742}$	$\Phi_{742}^{2}\ \Phi_{106}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
32053	750	1332	$\frac{1}{74}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{73}{148}$	$\Phi_{1332}\ \Phi_{444}\ \Phi_{148}^{2}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
32054	750	444	$\frac{1}{74}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{73}{148}$	$\Phi_{444}^{3}\ \Phi_{148}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
32055	750	1722	$\frac{2}{123}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{121}{246}$	$\Phi_{1722}\ \Phi_{574}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
32056	750	2208	$\frac{7}{368}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{361}{736}$	$\Phi_{2208}\ \Phi_{96}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
32057	750	196	$\frac{1}{49}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{24}{49}$	$\Phi_{196}^{7}\ \Phi_{49}\ \Phi_{28}^{8}\ \Phi_{7}\ \Phi_{4}^{8}\ \Phi_{1}^{2}$
32058	750	49	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{24}{49}$	$\Phi_{49}^{15}\ \Phi_{7}^{17}\ \Phi_{1}^{18}$
32059	750	588	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{24}{49}$	$\Phi_{588}^{2}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{84}^{2}\ \Phi_{49}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}^{4}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
32060	750	168	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{43}{168}$	$\frac{41}{84}$	$\Phi_{168}^{6}\ \Phi_{56}^{6}\ \Phi_{42}^{6}\ \Phi_{24}^{6}\ \Phi_{21}^{6}\ \Phi_{14}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
32061	750	107	$\frac{3}{107}$	$\frac{11}{107}$	$\frac{32}{107}$	$\frac{52}{107}$	$\Phi_{107}^{7}\ \Phi_{1}^{8}$
32062	750	728	$\frac{11}{364}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{353}{728}$	$\Phi_{728}^{2}\ \Phi_{104}^{2}\ \Phi_{56}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
32063	750	906	$\frac{5}{151}$	$\frac{1}{6}$	$\frac{26}{151}$	$\frac{73}{151}$	$\Phi_{906}\ \Phi_{453}\ \Phi_{302}$
32064	750	749	$\frac{25}{749}$	$\frac{124}{749}$	$\frac{129}{749}$	$\frac{362}{749}$	$\Phi_{749}\ \Phi_{107}\ \Phi_{7}\ \Phi_{1}^{2}$
32065	750	1392	$\frac{1}{29}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{14}{29}$	$\Phi_{1392}\ \Phi_{464}\ \Phi_{48}^{2}\ \Phi_{29}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
32066	750	783	$\frac{1}{29}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{783}\ \Phi_{261}\ \Phi_{29}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
32067	750	1044	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{14}{29}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{261}\ \Phi_{36}^{2}\ \Phi_{29}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
32068	750	812	$\frac{1}{29}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{812}\ \Phi_{406}\ \Phi_{203}\ \Phi_{29}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
32069	750	928	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{14}{29}$	$\Phi_{928}\ \Phi_{464}\ \Phi_{32}^{2}\ \Phi_{29}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
32070	750	174	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{14}{29}$	$\Phi_{174}^{4}\ \Phi_{87}^{4}\ \Phi_{58}^{4}\ \Phi_{29}^{5}\ \Phi_{6}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
32071	750	1004	$\frac{9}{251}$	$\frac{26}{251}$	$\frac{1}{4}$	$\frac{121}{251}$	$\Phi_{1004}\ \Phi_{502}$
32072	750	48	$\frac{1}{24}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{48}^{15}\ \Phi_{24}^{17}\ \Phi_{16}^{14}\ \Phi_{12}^{17}\ \Phi_{8}^{16}\ \Phi_{6}^{17}\ \Phi_{4}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
32073	750	1392	$\frac{1}{24}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{23}{48}$	$\Phi_{1392}\ \Phi_{464}\ \Phi_{48}^{2}\ \Phi_{29}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
32074	750	528	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{528}^{3}\ \Phi_{176}^{3}\ \Phi_{44}\ \Phi_{22}$
32075	750	1392	$\frac{1}{24}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{23}{48}$	$\Phi_{1392}\ \Phi_{464}\ \Phi_{48}^{2}\ \Phi_{29}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
32076	750	336	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{23}{48}$	$\Phi_{336}^{5}\ \Phi_{112}^{5}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
32077	750	238	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{113}{238}$	$\Phi_{238}^{6}\ \Phi_{34}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
32078	750	749	$\frac{41}{749}$	$\frac{79}{749}$	$\frac{134}{749}$	$\frac{354}{749}$	$\Phi_{749}\ \Phi_{107}\ \Phi_{7}\ \Phi_{1}^{2}$
32079	750	1008	$\frac{1}{18}$	$\frac{19}{144}$	$\frac{1}{7}$	$\frac{17}{36}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
32080	750	272	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{272}^{3}\ \Phi_{136}^{3}\ \Phi_{68}^{3}\ \Phi_{34}\ \Phi_{17}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
32081	750	906	$\frac{9}{151}$	$\frac{16}{151}$	$\frac{1}{6}$	$\frac{71}{151}$	$\Phi_{906}\ \Phi_{453}\ \Phi_{302}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
32082	750	1638	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{109}{234}$	$\Phi_{1638}\ \Phi_{546}\ \Phi_{182}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
32083	750	1092	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{1092}^2\ \Phi_{156}^2\ \Phi_{84}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
32084	750	196	$\frac{1}{14}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{13}{28}$	$\Phi_{196}^7\ \Phi_{49}\ \Phi_{28}^8\ \Phi_7\ \Phi_4^8\ \Phi_1^2$
32085	750	924	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{924}^2\ \Phi_{308}\ \Phi_{132}^2\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
32086	750	28	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{28}^{24}\ \Phi_{14}^{30}\ \Phi_7^{29}\ \Phi_4^{24}\ \Phi_2^{30}\ \Phi_1^{30}$
32087	750	231	$\frac{19}{231}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{106}{231}$	$\Phi_{231}^3\ \Phi_{77}^3\ \Phi_{33}^3\ \Phi_{21}^6\ \Phi_{11}^3\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
32088	750	333	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{12}{37}$	$\frac{4}{9}$	$\Phi_{333}^2\ \Phi_{111}^2\ \Phi_{37}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^6$
32089	750	468	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{468}^2\ \Phi_{234}\ \Phi_{156}^2\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}^4\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
32090	750	333	$\frac{2}{37}$	$\frac{1}{9}$	$\frac{7}{37}$	$\frac{4}{9}$	$\Phi_{333}^2\ \Phi_{111}^2\ \Phi_{37}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^6$
32091	750	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{144}^5\ \Phi_{72}^5\ \Phi_{48}^7\ \Phi_{36}^5\ \Phi_{24}^7\ \Phi_{18}^2\ \Phi_{16}^6\ \Phi_{12}^7\ \Phi_9^3\ \Phi_8^6\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
32092	750	224	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{7}$	$\frac{99}{224}$	$\Phi_{224}^6\ \Phi_{32}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
32093	750	384	$\frac{3}{128}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{48}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
32094	750	749	$\frac{17}{749}$	$\frac{101}{749}$	$\frac{244}{749}$	$\frac{324}{749}$	$\Phi_{749}\ \Phi_{107}\ \Phi_7\ \Phi_1^2$
32095	750	1974	$\frac{1}{47}$	$\frac{46}{329}$	$\frac{1}{3}$	$\frac{283}{658}$	$\Phi_{1974}\ \Phi_{282}\ \Phi_{141}\ \Phi_{42}\ \Phi_6$
32096	750	77	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{77}^{10}\ \Phi_{11}^{10}\ \Phi_7^7\ \Phi_1^8$
32097	750	1512	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{17}{108}$	$\frac{91}{216}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{168}\ \Phi_{126}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
32098	750	806	$\frac{1}{26}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{806}\ \Phi_{403}\ \Phi_{62}$
32099	750	749	$\frac{29}{749}$	$\frac{121}{749}$	$\frac{144}{749}$	$\frac{314}{749}$	$\Phi_{749}\ \Phi_{107}\ \Phi_7\ \Phi_1^2$
32100	750	924	$\frac{7}{132}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{77}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
32101	750	214	$\frac{5}{107}$	$\frac{17}{107}$	$\frac{18}{107}$	$\frac{89}{214}$	$\Phi_{214}^6\ \Phi_{107}\ \Phi_2^6\ \Phi_1^2$
32102	750	272	$\frac{1}{16}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{272}^3\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
32103	750	749	$\frac{44}{749}$	$\frac{89}{749}$	$\frac{141}{749}$	$\frac{304}{749}$	$\Phi_{749}\ \Phi_{107}\ \Phi_7\ \Phi_1^2$
32104	750	42	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{17}{42}$	$\Phi_{42}^{30}\ \Phi_{21}^6\ \Phi_{14}^{30}\ \Phi_7^5\ \Phi_6^{30}\ \Phi_3^6\ \Phi_2^{30}\ \Phi_1^6$
32105	750	906	$\frac{6}{151}$	$\frac{1}{6}$	$\frac{29}{151}$	$\frac{61}{151}$	$\Phi_{906}\ \Phi_{453}\ \Phi_{302}$
32106	750	749	$\frac{24}{749}$	$\frac{145}{749}$	$\frac{149}{749}$	$\frac{302}{749}$	$\Phi_{749}\ \Phi_{107}\ \Phi_7\ \Phi_1^2$
32107	750	1004	$\frac{6}{251}$	$\frac{49}{251}$	$\frac{1}{4}$	$\frac{101}{251}$	$\Phi_{1004}\ \Phi_{502}$
32108	750	107	$\frac{2}{107}$	$\frac{21}{107}$	$\frac{32}{107}$	$\frac{43}{107}$	$\Phi_{107}^7\ \Phi_1^8$
32109	750	930	$\frac{1}{62}$	$\frac{1}{5}$	$\frac{61}{186}$	$\frac{2}{5}$	$\Phi_{930}\ \Phi_{465}\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
32110	750	640	$\frac{3}{128}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}^2\ \Phi_{80}\ \Phi_{64}^2\ \Phi_{40}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
32111	750	155	$\frac{1}{31}$	$\frac{6}{31}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{155}^4\ \Phi_{31}^8\ \Phi_5^5\ \Phi_1^{10}$
32112	750	390	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}\ \Phi_{78}^4\ \Phi_{65}\ \Phi_{39}^4\ \Phi_{30}\ \Phi_{26}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
32113	750	392	$\frac{17}{392}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{392}^2\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{56}^2\ \Phi_{49}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
32114	750	456	$\frac{1}{76}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{456}^4\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
32115	750	1192	$\frac{2}{149}$	$\frac{1}{4}$	$\frac{49}{149}$	$\frac{3}{8}$	$\Phi_{1192}\ \Phi_{149}\ \Phi_8^2\ \Phi_1^2$
32116	750	408	$\frac{1}{51}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^3\ \Phi_{204}\ \Phi_{136}^3\ \Phi_{102}\ \Phi_{68}\ \Phi_{34}\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
32117	750	1192	$\frac{4}{149}$	$\frac{29}{149}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1192}\ \Phi_{149}\ \Phi_8^2\ \Phi_1^2$
32118	750	744	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{744}^2\ \Phi_{248}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
32119	750	1192	$\frac{5}{149}$	$\frac{24}{149}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1192}\ \Phi_{149}\ \Phi_8^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
32120	750	728	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{728}^2\ \Phi_{182}\ \Phi_{91}\ \Phi_{56}\ \Phi_{14}$
32121	750	1192	$\frac{9}{149}$	$\frac{14}{149}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1192}\ \Phi_{149}\ \Phi_8^2\ \Phi_1^2$
32122	750	176	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{176}^5\ \Phi_{88}^4\ \Phi_{44}^5\ \Phi_{22}^5\ \Phi_{11}^4$
32123	750	749	$\frac{19}{749}$	$\frac{146}{749}$	$\frac{201}{749}$	$\frac{274}{749}$	$\Phi_{749}\ \Phi_{107}\ \Phi_7\ \Phi_1^2$
32124	750	806	$\frac{1}{26}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{806}\ \Phi_{403}\ \Phi_{62}$
32125	750	418	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{418}^3\ \Phi_{209}\ \Phi_{22}^3$
32126	750	749	$\frac{26}{749}$	$\frac{99}{749}$	$\frac{241}{749}$	$\frac{254}{749}$	$\Phi_{749}\ \Phi_{107}\ \Phi_7\ \Phi_1^2$
32127	750	189	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{61}{189}$	$\frac{64}{189}$	$\Phi_{189}^3\ \Phi_{63}^6\ \Phi_{27}^3\ \Phi_{21}^6\ \Phi_9^6\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
32128	750	906	$\frac{4}{151}$	$\frac{1}{6}$	$\frac{49}{151}$	$\frac{51}{151}$	$\Phi_{906}\ \Phi_{453}\ \Phi_{302}$
32129	750	564	$\frac{1}{94}$	$\frac{31}{94}$	$\frac{1}{3}$	$\frac{63}{188}$	$\Phi_{564}^3\ \Phi_{282}\ \Phi_{141}\ \Phi_{12}^3\ \Phi_6$
32130	750	432	$\frac{1}{16}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
32131	750	372	$\frac{1}{62}$	$\frac{1}{4}$	$\frac{61}{186}$	$\frac{1}{3}$	$\Phi_{372}^2\ \Phi_{186}\ \Phi_{124}^4\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
32132	750	222	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{12}{37}$	$\frac{1}{3}$	$\Phi_{222}^4\ \Phi_{111}^2\ \Phi_{74}^4\ \Phi_{37}^4\ \Phi_6^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
32133	750	1128	$\frac{13}{376}$	$\frac{51}{376}$	$\frac{121}{376}$	$\frac{1}{3}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
32134	750	552	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{59}{184}$	$\frac{1}{3}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
32135	750	141	$\frac{2}{47}$	$\frac{16}{141}$	$\frac{15}{47}$	$\frac{1}{3}$	$\Phi_{141}^5\ \Phi_{47}^6\ \Phi_3^4\ \Phi_1^6$
32136	750	783	$\frac{2}{29}$	$\frac{2}{27}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{783}\ \Phi_{261}\ \Phi_{29}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_1^2$
32137	750	144	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{144}^8\ \Phi_{72}^8\ \Phi_{48}\ \Phi_{36}^6\ \Phi_{24}\ \Phi_{18}^6\ \Phi_{12}\ \Phi_9^6\ \Phi_6$
32138	750	546	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{78}^3\ \Phi_{42}^2\ \Phi_{39}^3\ \Phi_6^3$
32139	750	1128	$\frac{11}{376}$	$\frac{73}{376}$	$\frac{101}{376}$	$\frac{1}{3}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
32140	750	384	$\frac{3}{128}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
32141	750	1488	$\frac{3}{124}$	$\frac{121}{496}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
32142	750	372	$\frac{1}{31}$	$\frac{6}{31}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{372}^4\ \Phi_{186}^4\ \Phi_{12}^5\ \Phi_6^5$
32143	750	156	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^6\ \Phi_{78}^3\ \Phi_{52}^8\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
32144	750	336	$\frac{1}{16}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{84}^3\ \Phi_{48}\ \Phi_{42}^3\ \Phi_{24}\ \Phi_{21}^3\ \Phi_{12}\ \Phi_6$
32145	750	1188	$\frac{2}{27}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{198}\ \Phi_{44}\ \Phi_{22}$
32146	750	96	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{96}^{15}\ \Phi_{48}^8\ \Phi_{24}^9\ \Phi_{12}^9\ \Phi_6^9\ \Phi_3^8$
32147	750	282	$\frac{2}{47}$	$\frac{9}{47}$	$\frac{19}{94}$	$\frac{1}{3}$	$\Phi_{282}^5\ \Phi_{141}^3\ \Phi_6^5\ \Phi_3^2$
32148	750	222	$\frac{2}{37}$	$\frac{1}{6}$	$\frac{7}{37}$	$\frac{1}{3}$	$\Phi_{222}^4\ \Phi_{111}^2\ \Phi_{74}^4\ \Phi_{37}^4\ \Phi_6^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
32149	750	1128	$\frac{21}{376}$	$\frac{61}{376}$	$\frac{71}{376}$	$\frac{1}{3}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
32150	750	783	$\frac{2}{27}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{783}\ \Phi_{261}\ \Phi_{29}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_1^2$
32151	750	48	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{48}^{17}\ \Phi_{24}^{17}\ \Phi_{16}^{16}\ \Phi_{12}^{17}\ \Phi_8^{16}\ \Phi_6^9\ \Phi_4^{16}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
32152	750	378	$\frac{2}{27}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{378}^3\ \Phi_{189}^2\ \Phi_{126}^3\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
32153	750	1134	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{37}{162}$	$\frac{17}{54}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
32154	750	182	$\frac{11}{182}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{57}{182}$	$\Phi_{182}^4\ \Phi_{91}^4\ \Phi_{26}^4\ \Phi_{14}^6\ \Phi_{13}^4\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
32155	750	1044	$\frac{2}{29}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{9}{29}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{261}\ \Phi_{36}^2\ \Phi_{29}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
32156	750	812	$\frac{2}{29}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{812}\ \Phi_{406}\ \Phi_{203}\ \Phi_{29}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
32157	750	928	$\frac{2}{29}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{9}{29}$	$\Phi_{928}\ \Phi_{464}\ \Phi_{32}^2\ \Phi_{29}\ \Phi_{16}^2\ \Phi_1^2$
32158	750	174	$\frac{2}{29}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{9}{29}$	$\Phi_{174}^4\ \Phi_{87}^4\ \Phi_{58}^4\ \Phi_{29}^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
32159	750	749	$\frac{62}{749}$	$\frac{104}{749}$	$\frac{129}{749}$	$\frac{229}{749}$	$\Phi_{749}\ \Phi_{107}\ \Phi_{7}\ \Phi_{1}^{2}$
32160	750	396	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{396}^{3}\ \Phi_{198}^{3}\ \Phi_{99}^{3}\ \Phi_{44}\ \Phi_{22}$
32161	750	1044	$\frac{1}{12}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{11}{36}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{261}\ \Phi_{36}^{2}\ \Phi_{29}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
32162	750	252	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{11}{36}$	$\Phi_{252}^{5}\ \Phi_{126}^{5}\ \Phi_{63}^{5}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
32163	750	906	$\frac{13}{151}$	$\frac{21}{151}$	$\frac{1}{6}$	$\frac{46}{151}$	$\Phi_{906}\ \Phi_{453}\ \Phi_{302}$
32164	750	107	$\frac{11}{107}$	$\frac{12}{107}$	$\frac{19}{107}$	$\frac{32}{107}$	$\Phi_{107}^{7}\ \Phi_{1}^{8}$
32165	750	98	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{23}{98}$	$\frac{2}{7}$	$\Phi_{98}^{10}\ \Phi_{49}^{5}\ \Phi_{14}^{10}\ \Phi_{7}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{8}$
32166	750	49	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{9}{49}$	$\frac{2}{7}$	$\Phi_{49}^{15}\ \Phi_{7}^{17}\ \Phi_{1}^{18}$
32167	750	462	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{462}^{2}\ \Phi_{231}^{2}\ \Phi_{154}^{2}\ \Phi_{66}^{3}\ \Phi_{33}^{3}\ \Phi_{22}^{3}$
32168	750	147	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{22}{147}$	$\frac{2}{7}$	$\Phi_{147}^{6}\ \Phi_{49}^{3}\ \Phi_{21}^{6}\ \Phi_{7}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
32169	750	28	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{28}^{30}\ \Phi_{14}^{30}\ \Phi_{7}^{17}\ \Phi_{4}^{30}\ \Phi_{2}^{30}\ \Phi_{1}^{18}$
32170	750	749	$\frac{54}{749}$	$\frac{122}{749}$	$\frac{139}{749}$	$\frac{209}{749}$	$\Phi_{749}\ \Phi_{107}\ \Phi_{7}\ \Phi_{1}^{2}$
32171	750	836	$\frac{1}{11}$	$\frac{11}{76}$	$\frac{13}{76}$	$\frac{21}{76}$	$\Phi_{836}\ \Phi_{418}\ \Phi_{209}\ \Phi_{44}\ \Phi_{22}$
32172	750	749	$\frac{64}{749}$	$\frac{109}{749}$	$\frac{137}{749}$	$\frac{204}{749}$	$\Phi_{749}\ \Phi_{107}\ \Phi_{7}\ \Phi_{1}^{2}$
32173	750	906	$\frac{11}{151}$	$\frac{1}{6}$	$\frac{28}{151}$	$\frac{41}{151}$	$\Phi_{906}\ \Phi_{453}\ \Phi_{302}$
32174	750	168	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{56}$	$\frac{43}{168}$	$\Phi_{168}^{6}\ \Phi_{84}^{6}\ \Phi_{42}^{6}\ \Phi_{24}^{6}\ \Phi_{21}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
32175	750	308	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{308}^{3}\ \Phi_{154}^{3}\ \Phi_{77}^{3}\ \Phi_{44}\ \Phi_{22}$
32176	750	352	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{352}^{3}\ \Phi_{176}^{3}\ \Phi_{44}\ \Phi_{22}$
32177	750	588	$\frac{4}{49}$	$\frac{1}{6}$	$\frac{9}{49}$	$\frac{1}{4}$	$\Phi_{588}^{2}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{84}^{2}\ \Phi_{49}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}^{4}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
32178	750	1004	$\frac{21}{251}$	$\frac{41}{251}$	$\frac{46}{251}$	$\frac{1}{4}$	$\Phi_{1004}\ \Phi_{502}$
32179	750	812	$\frac{3}{28}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\Phi_{812}\ \Phi_{406}\ \Phi_{203}\ \Phi_{29}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
32180	750	132	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{132}^{8}\ \Phi_{66}^{4}\ \Phi_{44}^{9}\ \Phi_{33}^{4}\ \Phi_{22}^{5}\ \Phi_{11}^{4}$
32181	750	84	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{84}^{10}\ \Phi_{42}^{11}\ \Phi_{28}^{5}\ \Phi_{21}^{11}\ \Phi_{14}^{6}\ \Phi_{12}^{12}\ \Phi_{7}^{5}\ \Phi_{6}^{12}\ \Phi_{4}^{6}\ \Phi_{3}^{12}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
32182	750	928	$\frac{1}{8}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{7}{32}$	$\Phi_{928}\ \Phi_{464}\ \Phi_{32}^{2}\ \Phi_{29}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
32183	750	672	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{7}{32}$	$\Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{224}\ \Phi_{112}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
32184	750	1008	$\frac{19}{144}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
32185	750	174	$\frac{4}{29}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{29}$	$\Phi_{174}^{4}\ \Phi_{87}^{4}\ \Phi_{58}^{4}\ \Phi_{29}^{5}\ \Phi_{6}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
32186	750	749	$\frac{104}{749}$	$\frac{124}{749}$	$\frac{125}{749}$	$\frac{129}{749}$	$\Phi_{749}\ \Phi_{107}\ \Phi_{7}\ \Phi_{1}^{2}$
32187	750	906	$\frac{21}{151}$	$\frac{25}{151}$	$\frac{1}{6}$	$\frac{26}{151}$	$\Phi_{906}\ \Phi_{453}\ \Phi_{302}$
32188	750	42	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{42}^{21}\ \Phi_{21}^{21}\ \Phi_{14}^{21}\ \Phi_{7}^{20}$
32189	751	1200	$\frac{1}{150}$	$\frac{151}{600}$	$\frac{449}{1200}$	$\frac{149}{300}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{100}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
32190	751	1488	$\frac{7}{744}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{737}{1488}$	$\Phi_{1488}\ \Phi_{496}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
32191	751	1480	$\frac{11}{740}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{729}{1480}$	$\Phi_{1480}\ \Phi_{296}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
32192	751	1476	$\frac{13}{738}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{725}{1476}$	$\Phi_{1476}\ \Phi_{492}\ \Phi_{164}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
32193	751	1008	$\frac{5}{252}$	$\frac{1}{6}$	$\frac{257}{1008}$	$\frac{247}{504}$	$\Phi_{1008}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
32194	751	1400	$\frac{1}{50}$	$\frac{51}{700}$	$\frac{649}{1400}$	$\frac{49}{100}$	$\Phi_{1400}\ \Phi_{280}\ \Phi_{200}\ \Phi_{100}\ \Phi_{56}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
32195	751	1440	$\frac{1}{30}$	$\frac{31}{720}$	$\frac{689}{1440}$	$\frac{29}{60}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{60}\ \Phi_{32}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
32196	751	1080	$\frac{1}{30}$	$\frac{31}{360}$	$\frac{329}{1080}$	$\frac{29}{60}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
32197	751	840	$\frac{1}{30}$	$\frac{89}{840}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
32198	751	960	$\frac{1}{30}$	$\frac{31}{240}$	$\frac{209}{960}$	$\frac{29}{60}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{32}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
32199	751	900	$\frac{1}{30}$	$\frac{149}{900}$	$\frac{31}{180}$	$\frac{29}{60}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
32200	751	1440	$\frac{31}{720}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{689}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{45}\ \Phi_{32}\ \Phi_{9}\ \Phi_{1}$
32201	751	1440	$\frac{31}{720}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{689}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
32202	751	1440	$\frac{31}{720}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{689}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
32203	751	864	$\frac{5}{108}$	$\frac{113}{864}$	$\frac{1}{6}$	$\frac{103}{216}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
32204	751	1428	$\frac{37}{714}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{677}{1428}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{204}\ \Phi_{84}\ \Phi_{68}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
32205	751	1020	$\frac{14}{255}$	$\frac{1}{15}$	$\frac{269}{1020}$	$\frac{241}{510}$	$\Phi_{1020}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{20}\ \Phi_{17}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
32206	751	840	$\frac{5}{84}$	$\frac{89}{840}$	$\frac{1}{6}$	$\frac{79}{168}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
32207	751	1404	$\frac{49}{702}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{653}{1404}$	$\Phi_{1404}\ \Phi_{468}\ \Phi_{156}\ \Phi_{108}\ \Phi_{54}\ \Phi_{52}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
32208	751	1344	$\frac{5}{84}$	$\frac{79}{672}$	$\frac{1}{6}$	$\frac{593}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{84}\ \Phi_{64}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
32209	751	792	$\frac{41}{792}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
32210	751	1296	$\frac{5}{108}$	$\frac{103}{648}$	$\frac{1}{6}$	$\frac{545}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
32211	751	1116	$\frac{7}{372}$	$\frac{1}{6}$	$\frac{365}{1116}$	$\frac{5}{12}$	$\Phi_{1116}\ \Phi_{558}\ \Phi_{279}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
32212	751	768	$\frac{17}{768}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
32213	751	1260	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{121}{630}$	$\frac{509}{1260}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
32214	751	800	$\frac{49}{800}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
32215	751	1200	$\frac{1}{50}$	$\frac{49}{200}$	$\frac{151}{600}$	$\frac{449}{1200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
32216	751	810	$\frac{1}{15}$	$\frac{59}{810}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{81}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
32217	751	1140	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{181}{570}$	$\frac{389}{1140}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{228}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
32218	751	972	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{221}{972}$	$\frac{103}{324}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
32219	751	1080	$\frac{1}{15}$	$\frac{31}{360}$	$\frac{329}{1080}$	$\frac{14}{45}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
32220	751	900	$\frac{1}{15}$	$\frac{149}{900}$	$\frac{31}{180}$	$\frac{14}{45}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{25}\ \Phi_{9}\ \Phi_{1}$
32221	751	1080	$\frac{31}{360}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{329}{1080}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
32222	751	1080	$\frac{31}{360}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{329}{1080}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
32223	751	840	$\frac{1}{10}$	$\frac{89}{840}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
32224	751	1008	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{79}{336}$	$\frac{257}{1008}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
32225	751	960	$\frac{1}{10}$	$\frac{31}{240}$	$\frac{209}{960}$	$\frac{9}{40}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
32226	751	864	$\frac{113}{864}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{144}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
32227	751	900	$\frac{5}{36}$	$\frac{149}{900}$	$\frac{1}{6}$	$\frac{31}{180}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{36}\ \Phi_{25}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
32228	752	561	$\frac{1}{187}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{93}{187}$	$\Phi_{561}\ \Phi_{187}^2\ \Phi_{51}\ \Phi_{33}\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_{3}^2\ \Phi_{1}^4$
32229	752	751	$\frac{5}{751}$	$\frac{189}{751}$	$\frac{281}{751}$	$\frac{373}{751}$	$\Phi_{751}\ \Phi_{1}^2$
32230	752	1131	$\frac{3}{377}$	$\frac{95}{377}$	$\frac{1}{3}$	$\frac{187}{377}$	$\Phi_{1131}\ \Phi_{87}\ \Phi_{39}$
32231	752	651	$\frac{1}{93}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{46}{93}$	$\Phi_{651}\ \Phi_{217}\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{21}\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
32232	752	465	$\frac{1}{93}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{46}{93}$	$\Phi_{465}^2\ \Phi_{155}^2\ \Phi_{15}^3\ \Phi_{5}^2$
32233	752	751	$\frac{9}{751}$	$\frac{95}{751}$	$\frac{328}{751}$	$\frac{371}{751}$	$\Phi_{751}\ \Phi_{1}^2$
32234	752	315	$\frac{1}{63}$	$\frac{1}{5}$	$\frac{16}{63}$	$\frac{31}{63}$	$\Phi_{315}^3\ \Phi_{105}^3\ \Phi_{45}^3\ \Phi_{35}^3\ \Phi_{15}^3\ \Phi_{5}^2$
32235	752	751	$\frac{13}{751}$	$\frac{140}{751}$	$\frac{191}{751}$	$\frac{369}{751}$	$\Phi_{751}\ \Phi_{1}^2$
32236	752	1131	$\frac{7}{377}$	$\frac{48}{377}$	$\frac{1}{3}$	$\frac{185}{377}$	$\Phi_{1131}\ \Phi_{87}\ \Phi_{39}$
32237	752	1380	$\frac{1}{46}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{45}{92}$	$\Phi_{1380}\ \Phi_{460}\ \Phi_{276}\ \Phi_{92}^2\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
32238	752	828	$\frac{1}{46}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{828}^2\ \Phi_{276}\ \Phi_{92}^2\ \Phi_{36}^2\ \Phi_{12}\ \Phi_{9}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
32239	752	460	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{45}{92}$	$\Phi_{460}^3\ \Phi_{92}^4\ \Phi_{20}^3\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{1}^4$
32240	752	273	$\frac{3}{91}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{44}{91}$	$\Phi_{273}^4\ \Phi_{39}^5\ \Phi_{21}^4\ \Phi_{3}^4$
32241	752	455	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{44}{91}$	$\Phi_{455}^2\ \Phi_{65}^2\ \Phi_{35}^3\ \Phi_{5}^2$
32242	752	609	$\frac{1}{29}$	$\frac{15}{203}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{609}^2\ \Phi_{87}\ \Phi_{21}^2$
32243	752	270	$\frac{1}{27}$	$\frac{7}{54}$	$\frac{1}{5}$	$\frac{13}{27}$	$\Phi_{270}^4\ \Phi_{135}^3\ \Phi_{90}^4\ \Phi_{45}^3\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_{5}^2$
32244	752	1530	$\frac{2}{45}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{1530}\ \Phi_{510}\ \Phi_{306}\ \Phi_{170}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
32245	752	90	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{43}{90}$	$\Phi_{90}^{16}\ \Phi_{45}\ \Phi_{30}^{16}\ \Phi_{18}^{16}\ \Phi_{15}\ \Phi_{10}^{16}\ \Phi_{6}^{16}\ \Phi_{2}^{16}$
32246	752	105	$\frac{1}{21}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{105}^7\ \Phi_{35}^7\ \Phi_{21}^8\ \Phi_{15}^7\ \Phi_{7}^8\ \Phi_{5}^6\ \Phi_{3}^8\ \Phi_{1}^8$
32247	752	171	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{171}^5\ \Phi_{57}^3\ \Phi_{19}^4\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^4$
32248	752	1088	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{1088}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
32249	752	345	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{22}{69}$	$\frac{7}{15}$	$\Phi_{345}^2\ \Phi_{115}^2\ \Phi_{69}^3\ \Phi_{23}^2\ \Phi_{15}^3\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{1}^4$
32250	752	1496	$\frac{1}{17}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{1496}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
32251	752	195	$\frac{7}{195}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{195}^4\ \Phi_{65}^4\ \Phi_{39}^3\ \Phi_{15}^4\ \Phi_{13}^4\ \Phi_{5}^4\ \Phi_{3}^2\ \Phi_{1}^4$
32252	752	87	$\frac{1}{29}$	$\frac{7}{87}$	$\frac{1}{3}$	$\frac{40}{87}$	$\Phi_{87}^9\ \Phi_{29}^8\ \Phi_{3}^8\ \Phi_{1}^8$
32253	752	495	$\frac{5}{99}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{55}^2\ \Phi_{45}\ \Phi_{15}$
32254	752	420	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{1}{5}$	$\frac{37}{84}$	$\Phi_{420}^4\ \Phi_{140}^4\ \Phi_{105}\ \Phi_{60}^4\ \Phi_{35}\ \Phi_{20}^4\ \Phi_{15}$
32255	752	1428	$\frac{1}{17}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
32256	752	336	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^4\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_{8}^4\ \Phi_{7}^2\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
32257	752	434	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{15}{62}$	$\frac{3}{7}$	$\Phi_{434}^2\ \Phi_{217}\ \Phi_{62}^4\ \Phi_{31}^2\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{2}^4\ \Phi_{1}^4$
32258	752	245	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{245}^4\ \Phi_{35}^3\ \Phi_{5}^2$
32259	752	405	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{1}{5}$	$\frac{34}{81}$	$\Phi_{405}^2\ \Phi_{135}^3\ \Phi_{45}^3\ \Phi_{15}^3\ \Phi_{5}^2$
32260	752	1360	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{1360}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
32261	752	816	$\frac{1}{48}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
32262	752	450	$\frac{3}{50}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{6}^2$
32263	752	684	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{9}{38}$	$\frac{29}{76}$	$\Phi_{684}^2\ \Phi_{228}^2\ \Phi_{171}\ \Phi_{57}\ \Phi_{36}^2\ \Phi_{12}^2$
32264	752	751	$\frac{11}{751}$	$\frac{185}{751}$	$\frac{234}{751}$	$\frac{283}{751}$	$\Phi_{751}\ \Phi_{1}^2$
32265	752	1131	$\frac{5}{377}$	$\frac{93}{377}$	$\frac{1}{3}$	$\frac{142}{377}$	$\Phi_{1131}\ \Phi_{87}\ \Phi_{39}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
32266	752	1224	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
32267	752	285	$\frac{1}{95}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{285}^3\ \Phi_{95}^2\ \Phi_{57}^3\ \Phi_{19}^2\ \Phi_{15}^3\ \Phi_5^2$
32268	752	561	$\frac{3}{187}$	$\frac{46}{187}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{561}\ \Phi_{187}^2\ \Phi_{51}\ \Phi_{33}\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
32269	752	240	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
32270	752	99	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{99}^8\ \Phi_{33}^7\ \Phi_{11}^6\ \Phi_9^8\ \Phi_3^8\ \Phi_1^8$
32271	752	51	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{51}^{15}\ \Phi_{17}^{14}\ \Phi_3^{16}\ \Phi_1^{16}$
32272	752	1395	$\frac{2}{93}$	$\frac{1}{5}$	$\frac{91}{279}$	$\frac{1}{3}$	$\Phi_{1395}\ \Phi_{45}\ \Phi_{15}$
32273	752	435	$\frac{1}{29}$	$\frac{59}{435}$	$\frac{28}{87}$	$\frac{1}{3}$	$\Phi_{435}^2\ \Phi_{145}^2\ \Phi_{87}\ \Phi_{15}^2\ \Phi_5^2$
32274	752	207	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{207}^4\ \Phi_{69}^3\ \Phi_{23}^2\ \Phi_9^6\ \Phi_3^4\ \Phi_1^4$
32275	752	273	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{85}{273}$	$\frac{1}{3}$	$\Phi_{273}^2\ \Phi_{91}^4\ \Phi_{39}^3\ \Phi_{21}^2\ \Phi_{13}^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
32276	752	261	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{73}{261}$	$\frac{1}{3}$	$\Phi_{261}^4\ \Phi_{87}\ \Phi_9^4$
32277	752	930	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{15}{62}$	$\frac{1}{3}$	$\Phi_{930}^2\ \Phi_{465}\ \Phi_{30}^2\ \Phi_{15}^2$
32278	752	174	$\frac{1}{29}$	$\frac{11}{58}$	$\frac{7}{29}$	$\frac{1}{3}$	$\Phi_{174}^8\ \Phi_{87}^5\ \Phi_6^8\ \Phi_3^4$
32279	752	156	$\frac{1}{13}$	$\frac{5}{52}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{156}^8\ \Phi_{78}^8\ \Phi_{39}^5\ \Phi_{12}^8\ \Phi_6^8\ \Phi_3^4$
32280	752	918	$\frac{1}{17}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{918}\ \Phi_{459}\ \Phi_{306}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
32281	752	1020	$\frac{1}{17}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{204}\ \Phi_{170}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
32282	752	1365	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{79}{455}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{195}\ \Phi_{105}\ \Phi_{39}\ \Phi_{15}$
32283	752	1215	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{55}{243}$	$\frac{26}{81}$	$\Phi_{1215}\ \Phi_{135}\ \Phi_{45}\ \Phi_{15}$
32284	752	345	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{22}{69}$	$\Phi_{345}^3\ \Phi_{69}^4\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
32285	752	1365	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{85}{273}$	$\Phi_{1365}\ \Phi_{195}\ \Phi_{105}\ \Phi_{35}\ \Phi_{15}$
32286	752	135	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{41}{135}$	$\Phi_{135}^8\ \Phi_{45}\ \Phi_{27}^8\ \Phi_{15}$
32287	752	315	$\frac{11}{105}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{315}^3\ \Phi_{105}^2\ \Phi_{63}^3\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^2$
32288	752	315	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{5}{21}$	$\frac{16}{63}$	$\Phi_{315}^4\ \Phi_{105}\ \Phi_{45}^4\ \Phi_{35}\ \Phi_{15}$
32289	752	270	$\frac{1}{9}$	$\frac{7}{54}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{45}\ \Phi_{30}^4\ \Phi_{15}\ \Phi_{10}^4$
32290	752	180	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^4\ \Phi_{45}\ \Phi_{36}^6\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^6\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
32291	752	225	$\frac{1}{9}$	$\frac{37}{225}$	$\frac{8}{45}$	$\frac{1}{5}$	$\Phi_{225}^4\ \Phi_{75}^4\ \Phi_{45}\ \Phi_{25}^4\ \Phi_{15}$
32292	753	996	$\frac{2}{249}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{247}{498}$	$\Phi_{996}\ \Phi_{332}\ \Phi_{249}\ \Phi_{83}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
32293	753	336	$\frac{1}{84}$	$\frac{1}{4}$	$\frac{85}{336}$	$\frac{83}{168}$	$\Phi_{336}^3\ \Phi_{112}^3\ \Phi_{84}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
32294	753	496	$\frac{3}{248}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{245}{496}$	$\Phi_{496}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
32295	753	492	$\frac{5}{246}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{241}{492}$	$\Phi_{492}\ \Phi_{246}^2\ \Phi_{164}\ \Phi_{123}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
32296	753	1472	$\frac{17}{736}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{719}{1472}$	$\Phi_{1472}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
32297	753	980	$\frac{6}{245}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{239}{490}$	$\Phi_{980}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{49}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
32298	753	288	$\frac{1}{36}$	$\frac{37}{288}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
32299	753	972	$\frac{8}{243}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{235}{486}$	$\Phi_{972}\ \Phi_{324}\ \Phi_{243}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
32300	753	1456	$\frac{25}{728}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{703}{1456}$	$\Phi_{1456}\ \Phi_{208}\ \Phi_{112}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
32301	753	280	$\frac{1}{28}$	$\frac{29}{280}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{280}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_7^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
32302	753	480	$\frac{11}{240}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{229}{480}$	$\Phi_{480}^3\ \Phi_{160}^3\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
32303	753	480	$\frac{11}{240}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{229}{480}$	$\Phi_{480}^3\ \Phi_{160}^3\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
32304	753	480	$\frac{11}{240}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{229}{480}$	$\Phi_{480}^3\ \Phi_{160}^3\ \Phi_{96}^3\ \Phi_{40}\ \Phi_{32}^3\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
32305	753	304	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{53}{304}$	$\frac{145}{304}$	$\Phi_{304}^2\ \Phi_{152}^3\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
32306	753	476	$\frac{13}{238}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{225}{476}$	$\Phi_{476}\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{68}\ \Phi_{34}^2\ \Phi_{28}^3\ \Phi_{17}^2\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
32307	753	1024	$\frac{15}{256}$	$\frac{1}{16}$	$\frac{271}{1024}$	$\frac{241}{512}$	$\Phi_{1024}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
32308	753	1408	$\frac{1}{16}$	$\frac{49}{704}$	$\frac{15}{64}$	$\frac{655}{1408}$	$\Phi_{1408}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
32309	753	468	$\frac{1}{18}$	$\frac{17}{234}$	$\frac{1}{4}$	$\frac{217}{468}$	$\Phi_{468}\ \Phi_{234}^2\ \Phi_{156}\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{36}^3\ \Phi_{26}^2\ \Phi_{18}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
32310	753	264	$\frac{13}{264}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{264}^3\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
32311	753	924	$\frac{1}{21}$	$\frac{20}{231}$	$\frac{1}{4}$	$\frac{211}{462}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{231}\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{77}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
32312	753	784	$\frac{31}{784}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{49}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
32313	753	448	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{1}{4}$	$\frac{197}{448}$	$\Phi_{448}^3\ \Phi_{64}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
32314	753	448	$\frac{1}{16}$	$\frac{27}{224}$	$\frac{5}{32}$	$\frac{197}{448}$	$\Phi_{448}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
32315	753	432	$\frac{1}{36}$	$\frac{35}{216}$	$\frac{1}{4}$	$\frac{181}{432}$	$\Phi_{432}^3\ \Phi_{144}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
32316	753	800	$\frac{47}{800}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
32317	753	1280	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{113}{640}$	$\frac{527}{1280}$	$\Phi_{1280}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
32318	753	420	$\frac{1}{42}$	$\frac{41}{210}$	$\frac{1}{4}$	$\frac{169}{420}$	$\Phi_{420}\ \Phi_{210}^2\ \Phi_{140}\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_7^3\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
32319	753	255	$\frac{4}{255}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{255}^3\ \Phi_{85}^3\ \Phi_{51}^3\ \Phi_{17}^3\ \Phi_{15}^2\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
32320	753	1216	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{145}{608}$	$\frac{463}{1216}$	$\Phi_{1216}\ \Phi_{152}\ \Phi_{76}\ \Phi_{64}\ \Phi_{38}\ \Phi_{19}\ \Phi_1$
32321	753	256	$\frac{5}{256}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{256}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
32322	753	384	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{59}{192}$	$\frac{133}{384}$	$\Phi_{384}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
32323	753	756	$\frac{1}{63}$	$\frac{1}{4}$	$\frac{62}{189}$	$\frac{127}{378}$	$\Phi_{756}\ \Phi_{252}^2\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
32324	753	376	$\frac{1}{94}$	$\frac{31}{94}$	$\frac{125}{376}$	$\frac{63}{188}$	$\Phi_{376}^3\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_8^3\ \Phi_2^2\ \Phi_1^3$
32325	753	372	$\frac{3}{124}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{121}{372}$	$\Phi_{372}^3\ \Phi_{186}^3\ \Phi_{93}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
32326	753	324	$\frac{1}{36}$	$\frac{73}{324}$	$\frac{1}{4}$	$\frac{35}{108}$	$\Phi_{324}^3\ \Phi_{162}^3\ \Phi_{81}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
32327	753	288	$\frac{1}{16}$	$\frac{37}{288}$	$\frac{11}{48}$	$\frac{5}{16}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_9^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
32328	753	320	$\frac{1}{16}$	$\frac{11}{80}$	$\frac{69}{320}$	$\frac{5}{16}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
32329	753	364	$\frac{25}{364}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{113}{364}$	$\Phi_{364}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{52}^2\ \Phi_{28}^3\ \Phi_{26}^2\ \Phi_{14}^3\ \Phi_{13}^2\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
32330	753	360	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{4}$	$\frac{109}{360}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
32331	753	360	$\frac{11}{120}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{109}{360}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{45}^3\ \Phi_{40}\ \Phi_{36}^3\ \Phi_{20}\ \Phi_{18}^3\ \Phi_{10}\ \Phi_9^3\ \Phi_5\ \Phi_1$
32332	753	540	$\frac{19}{270}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{540}^2\ \Phi_{270}\ \Phi_{180}^2\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
32333	753	280	$\frac{29}{280}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{280}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}\ \Phi_{14}^3\ \Phi_{10}\ \Phi_7^3\ \Phi_5\ \Phi_1$
32334	753	336	$\frac{1}{28}$	$\frac{27}{112}$	$\frac{1}{4}$	$\frac{85}{336}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{84}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
32335	753	288	$\frac{1}{12}$	$\frac{37}{288}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
32336	753	324	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{324}$	$\frac{1}{4}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^3\ \Phi_{54}^2\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
32337	753	300	$\frac{1}{12}$	$\frac{49}{300}$	$\frac{11}{60}$	$\frac{1}{4}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
32338	753	280	$\frac{29}{280}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{280}^3\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
32339	753	588	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{294}$	$\frac{1}{4}$	$\Phi_{588}^2\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{84}^2\ \Phi_{49}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
32340	753	320	$\frac{1}{8}$	$\frac{11}{80}$	$\frac{7}{40}$	$\frac{69}{320}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{64}^3\ \Phi_{40}\ \Phi_{32}^3\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
32341	754	750	$\frac{2}{375}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{373}{750}$	$\Phi_{750}^2\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
32342	754	504	$\frac{1}{126}$	$\frac{127}{504}$	$\frac{1}{3}$	$\frac{125}{252}$	$\Phi_{504}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
32343	754	747	$\frac{7}{747}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{370}{747}$	$\Phi_{747}\ \Phi_{249}\ \Phi_{83}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
32344	754	744	$\frac{5}{372}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{367}{744}$	$\Phi_{744}^2\ \Phi_{248}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
32345	754	2226	$\frac{6}{371}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{365}{742}$	$\Phi_{2226}\ \Phi_{318}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
32346	754	456	$\frac{1}{57}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{28}{57}$	$\Phi_{456}^3\ \Phi_{152}^3\ \Phi_{57}\ \Phi_{24}^4\ \Phi_{19}\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
32347	754	285	$\frac{1}{57}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{28}{57}$	$\Phi_{285}^3\ \Phi_{95}^3\ \Phi_{57}\ \Phi_{19}\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
32348	754	342	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{28}{57}$	$\Phi_{342}^3\ \Phi_{171}^3\ \Phi_{57}\ \Phi_{19}\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
32349	754	912	$\frac{1}{57}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{28}{57}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{152}\ \Phi_{57}\ \Phi_{48}\ \Phi_{24}\ \Phi_{19}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
32350	754	432	$\frac{1}{54}$	$\frac{55}{432}$	$\frac{1}{3}$	$\frac{53}{108}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
32351	754	738	$\frac{8}{369}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{361}{738}$	$\Phi_{738}^2\ \Phi_{246}^2\ \Phi_{82}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
32352	754	420	$\frac{1}{42}$	$\frac{43}{420}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
32353	754	735	$\frac{19}{735}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{358}{735}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
32354	754	729	$\frac{25}{729}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{352}{729}$	$\Phi_{729}\ \Phi_{243}\ \Phi_{81}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
32355	754	1400	$\frac{1}{28}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{27}{56}$	$\Phi_{1400}\ \Phi_{280}\ \Phi_{200}\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{25}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
32356	754	168	$\frac{1}{28}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{168}^{13}\ \Phi_{42}\ \Phi_{24}^{13}\ \Phi_{21}\ \Phi_6$
32357	754	840	$\frac{1}{28}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{27}{56}$	$\Phi_{840}^2\ \Phi_{280}\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
32358	754	1050	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{12}{25}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{210}\ \Phi_{150}\ \Phi_{105}\ \Phi_{75}\ \Phi_{42}^2\ \Phi_{30}\ \Phi_{25}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
32359	754	800	$\frac{1}{25}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}^2\ \Phi_{25}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
32360	754	175	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{12}{25}$	$\Phi_{175}^4\ \Phi_{35}^5\ \Phi_{25}^5\ \Phi_7^4\ \Phi_5^6\ \Phi_1^6$
32361	754	720	$\frac{17}{360}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{343}{720}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
32362	754	396	$\frac{19}{396}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
32363	754	714	$\frac{1}{21}$	$\frac{20}{357}$	$\frac{1}{3}$	$\frac{337}{714}$	$\Phi_{714}^2\ \Phi_{238}^2\ \Phi_{102}^2\ \Phi_{42}^2\ \Phi_{34}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
32364	754	1176	$\frac{15}{392}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_6$
32365	754	54	$\frac{1}{27}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{54}^{26}\ \Phi_{27}^2\ \Phi_{18}^{26}\ \Phi_9^2\ \Phi_6^{26}\ \Phi_3\ \Phi_2^{26}\ \Phi_1^2$
32366	754	120	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{120}^{12}\ \Phi_{40}^{12}\ \Phi_{30}^2\ \Phi_{24}^{10}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
32367	754	456	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{9}{38}$	$\frac{11}{24}$	$\Phi_{456}^3\ \Phi_{152}^3\ \Phi_{38}^2\ \Phi_{24}^4\ \Phi_{19}\ \Phi_8^4\ \Phi_2^2\ \Phi_1^2$
32368	754	693	$\frac{2}{63}$	$\frac{61}{693}$	$\frac{1}{3}$	$\frac{316}{693}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}^2\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
32369	754	1080	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
32370	754	90	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{90}^9\ \Phi_{45}^9\ \Phi_{30}^8\ \Phi_{18}^7\ \Phi_{15}^8\ \Phi_{10}^8\ \Phi_9^8\ \Phi_6^6\ \Phi_5^8\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
32371	754	672	$\frac{1}{42}$	$\frac{41}{336}$	$\frac{1}{3}$	$\frac{295}{672}$	$\Phi_{672}^2\ \Phi_{224}^2\ \Phi_{96}^2\ \Phi_{42}^2\ \Phi_{32}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
32372	754	1350	$\frac{1}{27}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1350}\ \Phi_{450}\ \Phi_{270}\ \Phi_{150}\ \Phi_{135}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
32373	754	648	$\frac{1}{54}$	$\frac{53}{324}$	$\frac{1}{3}$	$\frac{271}{648}$	$\Phi_{648}^2\ \Phi_{216}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
32374	754	384	$\frac{7}{384}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
32375	754	108	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{108}^6\ \Phi_{54}^9\ \Phi_{36}^5\ \Phi_{27}^8\ \Phi_{18}^8\ \Phi_{12}^6\ \Phi_9^7\ \Phi_6^8\ \Phi_4^6\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
32376	754	630	$\frac{1}{63}$	$\frac{62}{315}$	$\frac{1}{3}$	$\frac{253}{630}$	$\Phi_{630}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
32377	754	432	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{432}^3\ \Phi_{144}^3\ \Phi_{54}^3\ \Phi_{48}^2\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
32378	754	567	$\frac{2}{189}$	$\frac{187}{567}$	$\frac{1}{3}$	$\frac{190}{567}$	$\Phi_{567}\ \Phi_{189}^2\ \Phi_{81}\ \Phi_{63}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
32379	754	450	$\frac{2}{75}$	$\frac{73}{450}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
32380	754	30	$\frac{1}{30}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{30}^{26}\ \Phi_{15}^{24}\ \Phi_{10}^{26}\ \Phi_6^{26}\ \Phi_5^{24}\ \Phi_3^{25}\ \Phi_2^{26}\ \Phi_1^{26}$
32381	754	486	$\frac{1}{54}$	$\frac{109}{486}$	$\frac{53}{162}$	$\frac{1}{3}$	$\Phi_{486}^2\ \Phi_{243}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
32382	754	558	$\frac{5}{186}$	$\frac{1}{6}$	$\frac{181}{558}$	$\frac{1}{3}$	$\Phi_{558}^2\ \Phi_{279}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
32383	754	42	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{42}^{14}\ \Phi_{21}^{14}\ \Phi_{14}^{26}\ \Phi_7^{26}\ \Phi_6^{14}\ \Phi_3^{13}\ \Phi_2^{26}\ \Phi_1^{26}$
32384	754	405	$\frac{28}{405}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{405}^2\ \Phi_{135}^2\ \Phi_{81}\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
32385	754	540	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{163}{540}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
32386	754	90	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{90}^{12}\ \Phi_{45}^{12}\ \Phi_{30}^2\ \Phi_{18}^{10}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
32387	754	504	$\frac{1}{42}$	$\frac{41}{168}$	$\frac{127}{504}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
32388	754	240	$\frac{1}{30}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{48}^3\ \Phi_{40}^4\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{16}^4\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
32389	754	672	$\frac{1}{14}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{96}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_6$
32390	754	570	$\frac{1}{19}$	$\frac{2}{15}$	$\frac{9}{38}$	$\frac{1}{3}$	$\Phi_{570}^2\ \Phi_{285}\ \Phi_{190}^2\ \Phi_{95}\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
32391	754	432	$\frac{1}{18}$	$\frac{55}{432}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
32392	754	486	$\frac{2}{27}$	$\frac{25}{243}$	$\frac{109}{486}$	$\frac{1}{3}$	$\Phi_{486}^2\ \Phi_{243}\ \Phi_{162}^2\ \Phi_{81}\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
32393	754	108	$\frac{1}{27}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{108}^9\ \Phi_{54}^9\ \Phi_{36}^8\ \Phi_{27}^2\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^2\ \Phi_6^8\ \Phi_4^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
32394	754	450	$\frac{1}{18}$	$\frac{73}{450}$	$\frac{17}{90}$	$\frac{1}{3}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
32395	754	420	$\frac{2}{21}$	$\frac{43}{420}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
32396	754	210	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{210}^7\ \Phi_{105}^6\ \Phi_{42}\ \Phi_{30}^7\ \Phi_{21}\ \Phi_{15}^6\ \Phi_6$
32397	754	441	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{64}{441}$	$\frac{1}{3}$	$\Phi_{441}^2\ \Phi_{147}\ \Phi_{63}^2\ \Phi_{49}\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
32398	754	210	$\frac{1}{14}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^3\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5^5\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
32399	754	342	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{9}{38}$	$\frac{5}{18}$	$\Phi_{342}^3\ \Phi_{171}^3\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{18}^4\ \Phi_9^4\ \Phi_2^2\ \Phi_1^2$
32400	754	304	$\frac{1}{19}$	$\frac{3}{16}$	$\frac{9}{38}$	$\frac{1}{4}$	$\Phi_{304}^3\ \Phi_{152}^3\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{16}^4\ \Phi_8^4\ \Phi_2^2\ \Phi_1^2$
32401	754	480	$\frac{3}{32}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
32402	754	105	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{105}^8\ \Phi_{35}^5\ \Phi_{21}^8\ \Phi_{15}^{10}\ \Phi_7^4\ \Phi_5^6\ \Phi_3^{10}\ \Phi_1^6$
32403	755	600	$\frac{1}{150}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{149}{300}$	$\Phi_{600}^2\ \Phi_{300}\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{100}\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
32404	755	1392	$\frac{1}{58}$	$\frac{59}{696}$	$\frac{637}{1392}$	$\frac{57}{116}$	$\Phi_{1392}\ \Phi_{464}\ \Phi_{116}\ \Phi_{48}\ \Phi_{16}\ \Phi_4\ \Phi_1$
32405	755	1044	$\frac{1}{58}$	$\frac{59}{348}$	$\frac{289}{1044}$	$\frac{57}{116}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{261}\ \Phi_{116}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
32406	755	928	$\frac{1}{58}$	$\frac{173}{928}$	$\frac{59}{232}$	$\frac{57}{116}$	$\Phi_{928}\ \Phi_{464}\ \Phi_{116}\ \Phi_{32}\ \Phi_{16}\ \Phi_4\ \Phi_1$
32407	755	888	$\frac{3}{148}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{145}{296}$	$\Phi_{888}^2\ \Phi_{296}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
32408	755	1456	$\frac{27}{728}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{701}{1456}$	$\Phi_{1456}\ \Phi_{208}\ \Phi_{112}\ \Phi_{52}\ \Phi_{16}\ \Phi_4\ \Phi_1$
32409	755	1092	$\frac{1}{26}$	$\frac{27}{364}$	$\frac{337}{1092}$	$\frac{25}{52}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{273}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}\ \Phi_{42}\ \Phi_{39}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
32410	755	832	$\frac{1}{26}$	$\frac{77}{832}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{64}\ \Phi_{52}\ \Phi_{32}\ \Phi_{16}\ \Phi_4\ \Phi_1$
32411	755	288	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{137}{288}$	$\Phi_{288}^5\ \Phi_{96}^5\ \Phi_{32}^5\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
32412	755	1404	$\frac{1}{26}$	$\frac{53}{702}$	$\frac{25}{78}$	$\frac{649}{1404}$	$\Phi_{1404}\ \Phi_{468}\ \Phi_{156}\ \Phi_{108}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
32413	755	1392	$\frac{1}{29}$	$\frac{59}{696}$	$\frac{28}{87}$	$\frac{637}{1392}$	$\Phi_{1392}\ \Phi_{464}\ \Phi_{87}\ \Phi_{48}\ \Phi_{16}\ \Phi_3\ \Phi_1$
32414	755	208	$\frac{1}{26}$	$\frac{5}{52}$	$\frac{57}{208}$	$\frac{47}{104}$	$\Phi_{208}^5\ \Phi_{52}^5\ \Phi_{26}^4\ \Phi_{16}^5\ \Phi_{13}^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
32415	755	1044	$\frac{1}{29}$	$\frac{28}{261}$	$\frac{289}{1044}$	$\frac{233}{522}$	$\Phi_{1044}\ \Phi_{348}\ \Phi_{261}\ \Phi_{116}\ \Phi_{87}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
32416	755	480	$\frac{9}{160}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}\ \Phi_{60}^2\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
32417	755	798	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{1}{6}$	$\frac{115}{266}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{133}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{42}\ \Phi_{38}\ \Phi_{21}\ \Phi_{19}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
32418	755	936	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{181}{936}$	$\frac{131}{312}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
32419	755	260	$\frac{1}{26}$	$\frac{21}{130}$	$\frac{5}{26}$	$\frac{109}{260}$	$\Phi_{260}^5\ \Phi_{52}^5\ \Phi_{26}^4\ \Phi_{20}^5\ \Phi_{13}^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
32420	755	1248	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{131}{624}$	$\frac{493}{1248}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{32}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
32421	755	1224	$\frac{2}{153}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}\ \Phi_{51}\ \Phi_{17}\ \Phi_9\ \Phi_8\ \Phi_1$
32422	755	1800	$\frac{1}{75}$	$\frac{1}{4}$	$\frac{74}{225}$	$\frac{3}{8}$	$\Phi_{1800}\ \Phi_{360}\ \Phi_{225}\ \Phi_{72}\ \Phi_{45}\ \Phi_9\ \Phi_8\ \Phi_1$
32423	755	200	$\frac{1}{50}$	$\frac{49}{200}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{200}^3\ \Phi_{100}^5\ \Phi_{50}^4\ \Phi_{40}^3\ \Phi_{25}^4\ \Phi_{20}^5\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
32424	755	1240	$\frac{4}{155}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1240}\ \Phi_{248}\ \Phi_{155}\ \Phi_{31}\ \Phi_8\ \Phi_1$
32425	755	312	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^4\ \Phi_{156}\ \Phi_{104}^4\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}^2\ \Phi_{13}\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
32426	755	360	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^4\ \Phi_{180}\ \Phi_{120}^2\ \Phi_{90}\ \Phi_{72}^4\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8^3\ \Phi_4\ \Phi_1$
32427	755	1400	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1400}\ \Phi_{280}\ \Phi_{175}\ \Phi_{56}\ \Phi_{35}\ \Phi_8\ \Phi_7\ \Phi_1$
32428	755	160	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{160}^5\ \Phi_{80}^5\ \Phi_{40}^3\ \Phi_{32}^5\ \Phi_{20}^5\ \Phi_{16}^5\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
32429	755	1320	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{165}\ \Phi_{88}\ \Phi_{55}\ \Phi_{33}\ \Phi_{11}\ \Phi_8\ \Phi_1$
32430	755	174	$\frac{1}{29}$	$\frac{23}{174}$	$\frac{28}{87}$	$\frac{59}{174}$	$\Phi_{174}^4\ \Phi_{87}^5\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_6^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
32431	755	228	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{37}{114}$	$\frac{77}{228}$	$\Phi_{228}^5\ \Phi_{114}^2\ \Phi_{76}^5\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{19}\ \Phi_{12}^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
32432	755	1044	$\frac{1}{29}$	$\frac{59}{348}$	$\frac{289}{1044}$	$\frac{28}{87}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{261}\ \Phi_{87}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_3\ \Phi_1$
32433	755	936	$\frac{1}{26}$	$\frac{181}{936}$	$\frac{53}{234}$	$\frac{25}{78}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
32434	755	216	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{65}{216}$	$\Phi_{216}^5\ \Phi_{108}^5\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
32435	755	168	$\frac{17}{168}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{24}^2\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{12}^2\ \Phi_8\ \Phi_7^5\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
32436	755	192	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{41}{192}$	$\Phi_{192}^5\ \Phi_{96}^5\ \Phi_{64}^5\ \Phi_{32}^5\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
32437	756	1128	$\frac{1}{188}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{187}{376}$	$\Phi_{1128}\ \Phi_{376}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
32438	756	302	$\frac{1}{151}$	$\frac{38}{151}$	$\frac{113}{302}$	$\frac{75}{151}$	$\Phi_{302}^4\ \Phi_{151}\ \Phi_2^4\ \Phi_1^2$
32439	756	125	$\frac{1}{125}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{62}{125}$	$\Phi_{125}^6\ \Phi_{25}^6\ \Phi_5^7\ \Phi_1^8$
32440	756	1500	$\frac{1}{125}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{62}{125}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{300}\ \Phi_{150}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
32441	756	755	$\frac{7}{755}$	$\frac{127}{755}$	$\frac{314}{755}$	$\frac{374}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_{5}\ \Phi_{1}^{2}$
32442	756	1284	$\frac{1}{107}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{53}{107}$	$\Phi_{1284}\ \Phi_{428}\ \Phi_{107}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
32443	756	963	$\frac{1}{107}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{53}{107}$	$\Phi_{963}\ \Phi_{107}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
32444	756	1012	$\frac{3}{253}$	$\frac{1}{4}$	$\frac{64}{253}$	$\frac{125}{253}$	$\Phi_{1012}\ \Phi_{506}\ \Phi_{92}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
32445	756	755	$\frac{9}{755}$	$\frac{188}{755}$	$\frac{191}{755}$	$\frac{373}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_{5}\ \Phi_{1}^{2}$
32446	756	1328	$\frac{1}{83}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{41}{83}$	$\Phi_{1328}\ \Phi_{83}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
32447	756	332	$\frac{1}{83}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{41}{83}$	$\Phi_{332}^{2}\ \Phi_{166}^{2}\ \Phi_{83}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
32448	756	1137	$\frac{5}{379}$	$\frac{64}{379}$	$\frac{1}{3}$	$\frac{187}{379}$	Φ_{1137}
32449	756	1364	$\frac{1}{62}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{61}{124}$	$\Phi_{1364}\ \Phi_{124}^{2}\ \Phi_{44}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
32450	756	2604	$\frac{1}{62}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{61}{124}$	$\Phi_{2604}\ \Phi_{84}\ \Phi_{21}$
32451	756	1364	$\frac{1}{62}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{61}{124}$	$\Phi_{1364}\ \Phi_{124}^{2}\ \Phi_{44}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
32452	756	620	$\frac{1}{62}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{61}{124}$	$\Phi_{620}\ \Phi_{310}^{2}\ \Phi_{155}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
32453	756	755	$\frac{13}{755}$	$\frac{128}{755}$	$\frac{209}{755}$	$\frac{371}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_{5}\ \Phi_{1}^{2}$
32454	756	689	$\frac{1}{53}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{26}{53}$	$\Phi_{689}\ \Phi_{53}^{2}\ \Phi_{13}^{2}\ \Phi_{1}^{4}$
32455	756	1272	$\frac{1}{53}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{1272}\ \Phi_{636}\ \Phi_{318}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
32456	756	1012	$\frac{5}{253}$	$\frac{43}{253}$	$\frac{1}{4}$	$\frac{124}{253}$	$\Phi_{1012}\ \Phi_{506}\ \Phi_{92}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
32457	756	151	$\frac{3}{151}$	$\frac{11}{151}$	$\frac{70}{151}$	$\frac{74}{151}$	$\Phi_{151}^{5}\ \Phi_{1}^{6}$
32458	756	370	$\frac{4}{185}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{181}{370}$	$\Phi_{370}^{4}\ \Phi_{74}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
32459	756	697	$\frac{1}{41}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{20}{41}$	$\Phi_{697}\ \Phi_{41}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
32460	756	1230	$\frac{1}{41}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{246}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}$
32461	756	697	$\frac{1}{41}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{20}{41}$	$\Phi_{697}\ \Phi_{41}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
32462	756	1148	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{20}{41}$	$\Phi_{1148}\ \Phi_{574}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
32463	756	755	$\frac{19}{755}$	$\frac{43}{755}$	$\frac{356}{755}$	$\frac{368}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_{5}\ \Phi_{1}^{2}$
32464	756	380	$\frac{1}{38}$	$\frac{13}{76}$	$\frac{1}{5}$	$\frac{37}{76}$	$\Phi_{380}^{2}\ \Phi_{190}^{3}\ \Phi_{95}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
32465	756	872	$\frac{3}{109}$	$\frac{1}{8}$	$\frac{28}{109}$	$\frac{53}{109}$	$\Phi_{872}\ \Phi_{436}\ \Phi_{218}$
32466	756	280	$\frac{1}{35}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{17}{35}$	$\Phi_{280}^{5}\ \Phi_{56}^{5}\ \Phi_{40}^{6}\ \Phi_{35}\ \Phi_{8}^{6}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
32467	756	70	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{17}{35}$	$\Phi_{70}^{10}\ \Phi_{35}^{11}\ \Phi_{14}^{10}\ \Phi_{10}^{12}\ \Phi_{7}^{11}\ \Phi_{5}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
32468	756	280	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{280}^{3}\ \Phi_{140}^{2}\ \Phi_{70}^{2}\ \Phi_{56}^{3}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{6}\ \Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
32469	756	175	$\frac{1}{35}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{17}{35}$	$\Phi_{175}^{5}\ \Phi_{35}\ \Phi_{25}^{6}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
32470	756	151	$\frac{5}{151}$	$\frac{13}{151}$	$\frac{46}{151}$	$\frac{73}{151}$	$\Phi_{151}^{5}\ \Phi_{1}^{6}$
32471	756	151	$\frac{5}{151}$	$\frac{16}{151}$	$\frac{39}{151}$	$\frac{73}{151}$	$\Phi_{151}^{5}\ \Phi_{1}^{6}$
32472	756	1137	$\frac{13}{379}$	$\frac{28}{379}$	$\frac{1}{3}$	$\frac{183}{379}$	Φ_{1137}
32473	756	170	$\frac{3}{85}$	$\frac{1}{10}$	$\frac{22}{85}$	$\frac{41}{85}$	$\Phi_{170}^{5}\ \Phi_{85}^{4}\ \Phi_{34}^{5}\ \Phi_{17}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
32474	756	1404	$\frac{1}{27}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{13}{27}$	$\Phi_{1404}\ \Phi_{468}\ \Phi_{156}\ \Phi_{108}\ \Phi_{52}^{2}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
32475	756	351	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{13}{27}$	$\Phi_{351}^{2}\ \Phi_{117}^{2}\ \Phi_{39}^{2}\ \Phi_{27}^{3}\ \Phi_{13}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
32476	756	540	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{540}^{2}\ \Phi_{270}\ \Phi_{180}^{2}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}^{2}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}^{4}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
32477	756	755	$\frac{29}{755}$	$\frac{56}{755}$	$\frac{233}{755}$	$\frac{363}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_{5}\ \Phi_{1}^{2}$
32478	756	780	$\frac{1}{26}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{780}^{2}\ \Phi_{260}^{2}\ \Phi_{156}\ \Phi_{60}^{2}\ \Phi_{52}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
32479	756	468	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{25}{52}$	$\Phi_{468}^3\ \Phi_{156}^3\ \Phi_{52}^4\ \Phi_{36}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
32480	756	520	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{520}^2\ \Phi_{260}\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{40}^3\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
32481	756	889	$\frac{5}{127}$	$\frac{1}{7}$	$\frac{22}{127}$	$\frac{61}{127}$	Φ_{889}
32482	756	755	$\frac{31}{755}$	$\frac{104}{755}$	$\frac{131}{755}$	$\frac{362}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_5\ \Phi_1^2$
32483	756	484	$\frac{5}{121}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{58}{121}$	$\Phi_{484}^2\ \Phi_{242}^2\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_4^2\ \Phi_2^2$
32484	756	92	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{92}^{11}\ \Phi_{46}^{11}\ \Phi_4^{10}\ \Phi_2^{10}$
32485	756	755	$\frac{33}{755}$	$\frac{62}{755}$	$\frac{197}{755}$	$\frac{361}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_5\ \Phi_1^2$
32486	756	1137	$\frac{17}{379}$	$\frac{22}{379}$	$\frac{1}{3}$	$\frac{181}{379}$	Φ_{1137}
32487	756	872	$\frac{5}{109}$	$\frac{1}{8}$	$\frac{19}{109}$	$\frac{52}{109}$	$\Phi_{872}\ \Phi_{436}\ \Phi_{218}$
32488	756	755	$\frac{37}{755}$	$\frac{44}{755}$	$\frac{237}{755}$	$\frac{359}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_5\ \Phi_1^2$
32489	756	755	$\frac{37}{755}$	$\frac{89}{755}$	$\frac{132}{755}$	$\frac{359}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_5\ \Phi_1^2$
32490	756	2280	$\frac{1}{20}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{2280}\ \Phi_{456}\ \Phi_{57}$
32491	756	280	$\frac{1}{20}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{19}{40}$	$\Phi_{280}^5\ \Phi_{56}^5\ \Phi_{40}^6\ \Phi_{35}\ \Phi_8^6\ \Phi_7\ \Phi_5\ \Phi_1^2$
32492	756	520	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{520}^3\ \Phi_{104}^3\ \Phi_{52}\ \Phi_{26}$
32493	756	280	$\frac{1}{20}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{19}{40}$	$\Phi_{280}^5\ \Phi_{56}^5\ \Phi_{40}^6\ \Phi_{35}\ \Phi_8^6\ \Phi_7\ \Phi_5\ \Phi_1^2$
32494	756	40	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{40}^{36}\ \Phi_{10}^4\ \Phi_8^{36}\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
32495	756	280	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{19}{40}$	$\Phi_{280}^5\ \Phi_{56}^5\ \Phi_{40}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_1^6$
32496	756	1012	$\frac{13}{253}$	$\frac{19}{253}$	$\frac{1}{4}$	$\frac{120}{253}$	$\Phi_{1012}\ \Phi_{506}\ \Phi_{92}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
32497	756	1122	$\frac{1}{22}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{102}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_6^2$
32498	756	697	$\frac{2}{41}$	$\frac{1}{17}$	$\frac{13}{41}$	$\frac{8}{17}$	$\Phi_{697}\ \Phi_{41}^2\ \Phi_{17}^2\ \Phi_1^4$
32499	756	1020	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{204}\ \Phi_{170}\ \Phi_{102}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2$
32500	756	170	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{170}^5\ \Phi_{85}^5\ \Phi_{34}^5\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4$
32501	756	697	$\frac{1}{17}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{8}{17}$	$\Phi_{697}\ \Phi_{41}^2\ \Phi_{17}^2\ \Phi_1^4$
32502	756	952	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{8}{17}$	$\Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2$
32503	756	755	$\frac{49}{755}$	$\frac{69}{755}$	$\frac{134}{755}$	$\frac{353}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_5\ \Phi_1^2$
32504	756	1012	$\frac{15}{253}$	$\frac{17}{253}$	$\frac{1}{4}$	$\frac{118}{253}$	$\Phi_{1012}\ \Phi_{506}\ \Phi_{92}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
32505	756	755	$\frac{29}{755}$	$\frac{57}{755}$	$\frac{242}{755}$	$\frac{349}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_5\ \Phi_1^2$
32506	756	1092	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{273}\ \Phi_{156}\ \Phi_{84}^2\ \Phi_{78}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_6^2$
32507	756	689	$\frac{2}{53}$	$\frac{1}{13}$	$\frac{17}{53}$	$\frac{6}{13}$	$\Phi_{689}\ \Phi_{53}^2\ \Phi_{13}^2\ \Phi_1^4$
32508	756	988	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{988}\ \Phi_{494}\ \Phi_{76}^2\ \Phi_{38}^2$
32509	756	689	$\frac{1}{13}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{6}{13}$	$\Phi_{689}\ \Phi_{53}^2\ \Phi_{13}^2\ \Phi_1^4$
32510	756	910	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{910}\ \Phi_{455}\ \Phi_{182}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{14}^2$
32511	756	150	$\frac{1}{15}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{150}^{10}\ \Phi_{50}^8\ \Phi_{30}^{10}\ \Phi_{15}^4\ \Phi_{10}^8\ \Phi_6^{10}\ \Phi_5^3\ \Phi_3^4\ \Phi_2^8\ \Phi_1^4$
32512	756	814	$\frac{1}{22}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{814}\ \Phi_{407}\ \Phi_{74}$
32513	756	341	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{10}{31}$	$\frac{5}{11}$	$\Phi_{341}^2\ \Phi_{31}^4\ \Phi_{11}^3\ \Phi_1^6$
32514	756	44	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{44}^{23}\ \Phi_{22}^{11}\ \Phi_{11}^{12}\ \Phi_4^{22}\ \Phi_2^{10}\ \Phi_1^{12}$
32515	756	165	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{165}^5\ \Phi_{55}^5\ \Phi_{33}^5\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^4$
32516	756	341	$\frac{1}{11}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{5}{11}$	$\Phi_{341}^2\ \Phi_{31}^4\ \Phi_{11}^3\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
32517	756	440	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{440}^2\ \Phi_{220}^2\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{11}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
32518	756	755	$\frac{59}{755}$	$\frac{71}{755}$	$\frac{116}{755}$	$\frac{342}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_5\ \Phi_1^2$
32519	756	460	$\frac{1}{23}$	$\frac{11}{115}$	$\frac{1}{4}$	$\frac{52}{115}$	$\Phi_{460}^2\ \Phi_{230}^2\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_4^2\ \Phi_2^2$
32520	756	755	$\frac{23}{755}$	$\frac{73}{755}$	$\frac{244}{755}$	$\frac{341}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_5\ \Phi_1^2$
32521	756	755	$\frac{69}{755}$	$\frac{73}{755}$	$\frac{98}{755}$	$\frac{341}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_5\ \Phi_1^2$
32522	756	200	$\frac{11}{200}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{200}^4\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{40}^4\ \Phi_{25}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
32523	756	872	$\frac{10}{109}$	$\frac{11}{109}$	$\frac{1}{8}$	$\frac{49}{109}$	$\Phi_{872}\ \Phi_{436}\ \Phi_{218}$
32524	756	889	$\frac{10}{127}$	$\frac{13}{127}$	$\frac{1}{7}$	$\frac{57}{127}$	Φ_{889}
32525	756	812	$\frac{1}{28}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{812}\ \Phi_{406}\ \Phi_{203}\ \Phi_{116}\ \Phi_{58}$
32526	756	755	$\frac{44}{755}$	$\frac{79}{755}$	$\frac{139}{755}$	$\frac{338}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_5\ \Phi_1^2$
32527	756	190	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{5}$	$\frac{17}{38}$	$\Phi_{190}^9\ \Phi_{95}\ \Phi_{10}^9$
32528	756	1012	$\frac{10}{253}$	$\frac{27}{253}$	$\frac{1}{4}$	$\frac{113}{253}$	$\Phi_{1012}\ \Phi_{506}\ \Phi_{92}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
32529	756	755	$\frac{26}{755}$	$\frac{81}{755}$	$\frac{209}{755}$	$\frac{337}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_5\ \Phi_1^2$
32530	756	1137	$\frac{10}{379}$	$\frac{41}{379}$	$\frac{1}{3}$	$\frac{169}{379}$	Φ_{1137}
32531	756	151	$\frac{4}{151}$	$\frac{17}{151}$	$\frac{49}{151}$	$\frac{67}{151}$	$\Phi_{151}^5\ \Phi_1^6$
32532	756	817	$\frac{1}{19}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	Φ_{817}
32533	756	755	$\frac{47}{755}$	$\frac{91}{755}$	$\frac{118}{755}$	$\frac{332}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_5\ \Phi_1^2$
32534	756	2064	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2064}\ \Phi_{129}$
32535	756	1328	$\frac{2}{83}$	$\frac{1}{8}$	$\frac{27}{83}$	$\frac{7}{16}$	$\Phi_{1328}\ \Phi_{83}\ \Phi_{16}^2\ \Phi_1^2$
32536	756	464	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{464}^3\ \Phi_{116}\ \Phi_{58}$
32537	756	1328	$\frac{3}{83}$	$\frac{1}{8}$	$\frac{20}{83}$	$\frac{7}{16}$	$\Phi_{1328}\ \Phi_{83}\ \Phi_{16}^2\ \Phi_1^2$
32538	756	880	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{880}^2\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{10}$
32539	756	1328	$\frac{5}{83}$	$\frac{1}{8}$	$\frac{13}{83}$	$\frac{7}{16}$	$\Phi_{1328}\ \Phi_{83}\ \Phi_{16}^2\ \Phi_1^2$
32540	756	1680	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
32541	756	1328	$\frac{6}{83}$	$\frac{1}{8}$	$\frac{11}{83}$	$\frac{7}{16}$	$\Phi_{1328}\ \Phi_{83}\ \Phi_{16}^2\ \Phi_1^2$
32542	756	208	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{208}^7\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
32543	756	755	$\frac{71}{755}$	$\frac{76}{755}$	$\frac{97}{755}$	$\frac{329}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_5\ \Phi_1^2$
32544	756	170	$\frac{8}{85}$	$\frac{1}{10}$	$\frac{11}{85}$	$\frac{37}{85}$	$\Phi_{170}^5\ \Phi_{85}^4\ \Phi_{34}^5\ \Phi_{17}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
32545	756	889	$\frac{8}{127}$	$\frac{17}{127}$	$\frac{1}{7}$	$\frac{55}{127}$	Φ_{889}
32546	756	814	$\frac{1}{22}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{814}\ \Phi_{407}\ \Phi_{74}$
32547	756	755	$\frac{34}{755}$	$\frac{103}{755}$	$\frac{143}{755}$	$\frac{326}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_5\ \Phi_1^2$
32548	756	95	$\frac{4}{95}$	$\frac{13}{95}$	$\frac{1}{5}$	$\frac{41}{95}$	$\Phi_{95}^8\ \Phi_{19}^8\ \Phi_5^7\ \Phi_1^8$
32549	756	1012	$\frac{8}{253}$	$\frac{35}{253}$	$\frac{1}{4}$	$\frac{109}{253}$	$\Phi_{1012}\ \Phi_{506}\ \Phi_{92}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
32550	756	151	$\frac{4}{151}$	$\frac{21}{151}$	$\frac{43}{151}$	$\frac{65}{151}$	$\Phi_{151}^5\ \Phi_1^6$
32551	756	1137	$\frac{8}{379}$	$\frac{53}{379}$	$\frac{1}{3}$	$\frac{163}{379}$	Φ_{1137}
32552	756	755	$\frac{48}{755}$	$\frac{101}{755}$	$\frac{109}{755}$	$\frac{323}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_5\ \Phi_1^2$
32553	756	755	$\frac{62}{755}$	$\frac{77}{755}$	$\frac{113}{755}$	$\frac{321}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_5\ \Phi_1^2$
32554	756	170	$\frac{7}{85}$	$\frac{1}{10}$	$\frac{13}{85}$	$\frac{36}{85}$	$\Phi_{170}^5\ \Phi_{85}^4\ \Phi_{34}^5\ \Phi_{17}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
32555	756	872	$\frac{7}{109}$	$\frac{1}{8}$	$\frac{17}{109}$	$\frac{46}{109}$	$\Phi_{872}\ \Phi_{436}\ \Phi_{218}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
32556	756	755	$\frac{29}{755}$	$\frac{121}{755}$	$\frac{146}{755}$	$\frac{317}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_{5}\ \Phi_{1}^{2}$
32557	756	1012	$\frac{7}{253}$	$\frac{41}{253}$	$\frac{1}{4}$	$\frac{106}{253}$	$\Phi_{1012}\ \Phi_{506}\ \Phi_{92}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
32558	756	660	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{660}^{2}\ \Phi_{220}^{2}\ \Phi_{165}\ \Phi_{132}^{2}\ \Phi_{60}^{2}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{20}^{2}\ \Phi_{15}$
32559	756	1284	$\frac{2}{107}$	$\frac{1}{6}$	$\frac{35}{107}$	$\frac{5}{12}$	$\Phi_{1284}\ \Phi_{428}\ \Phi_{107}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
32560	756	444	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{444}\ \Phi_{222}^{2}\ \Phi_{148}^{2}\ \Phi_{111}^{2}\ \Phi_{74}^{3}\ \Phi_{37}^{2}$
32561	756	1284	$\frac{3}{107}$	$\frac{1}{6}$	$\frac{26}{107}$	$\frac{5}{12}$	$\Phi_{1284}\ \Phi_{428}\ \Phi_{107}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
32562	756	420	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{3}\ \Phi_{105}^{2}\ \Phi_{70}^{3}\ \Phi_{60}\ \Phi_{35}^{3}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
32563	756	1284	$\frac{5}{107}$	$\frac{17}{107}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1284}\ \Phi_{428}\ \Phi_{107}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
32564	756	1596	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1596}\ \Phi_{532}\ \Phi_{133}$
32565	756	1284	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1284}\ \Phi_{428}\ \Phi_{107}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
32566	756	780	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{780}^{2}\ \Phi_{260}^{2}\ \Phi_{156}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
32567	756	960	$\frac{1}{64}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}^{2}\ \Phi_{120}\ \Phi_{96}^{2}\ \Phi_{60}\ \Phi_{48}^{2}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
32568	756	125	$\frac{2}{125}$	$\frac{1}{5}$	$\frac{41}{125}$	$\frac{2}{5}$	$\Phi_{125}^{6}\ \Phi_{25}^{6}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
32569	756	110	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{110}^{10}\ \Phi_{55}^{4}\ \Phi_{22}^{10}\ \Phi_{11}^{4}\ \Phi_{10}^{8}\ \Phi_{5}^{3}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
32570	756	860	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{860}\ \Phi_{430}\ \Phi_{172}^{2}\ \Phi_{86}^{2}$
32571	756	250	$\frac{3}{125}$	$\frac{1}{5}$	$\frac{61}{250}$	$\frac{2}{5}$	$\Phi_{250}^{4}\ \Phi_{125}^{2}\ \Phi_{50}^{4}\ \Phi_{25}^{2}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
32572	756	65	$\frac{2}{65}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{65}^{12}\ \Phi_{13}^{12}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
32573	756	25	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{25}^{30}\ \Phi_{5}^{31}\ \Phi_{1}^{32}$
32574	756	770	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{770}\ \Phi_{385}\ \Phi_{154}^{2}\ \Phi_{77}^{2}\ \Phi_{70}\ \Phi_{14}^{2}$
32575	756	125	$\frac{6}{125}$	$\frac{17}{125}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{125}^{6}\ \Phi_{25}^{6}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
32576	756	760	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{152}^{2}\ \Phi_{76}^{2}\ \Phi_{38}^{2}$
32577	756	200	$\frac{11}{200}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{200}^{4}\ \Phi_{100}^{4}\ \Phi_{50}^{4}\ \Phi_{40}^{4}\ \Phi_{25}^{2}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
32578	756	125	$\frac{8}{125}$	$\frac{13}{125}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{125}^{6}\ \Phi_{25}^{6}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
32579	756	30	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{30}^{30}\ \Phi_{15}^{24}\ \Phi_{10}^{24}\ \Phi_{6}^{30}\ \Phi_{5}^{19}\ \Phi_{3}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{20}$
32580	756	755	$\frac{11}{755}$	$\frac{169}{755}$	$\frac{248}{755}$	$\frac{293}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_{5}\ \Phi_{1}^{2}$
32581	756	660	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{660}^{2}\ \Phi_{220}^{2}\ \Phi_{165}\ \Phi_{132}^{2}\ \Phi_{60}^{2}\ \Phi_{55}\ \Phi_{33}\ \Phi_{20}^{2}\ \Phi_{12}^{2}$
32582	756	832	$\frac{1}{64}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
32583	756	170	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{170}^{5}\ \Phi_{85}^{5}\ \Phi_{34}\ \Phi_{17}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
32584	756	1520	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{37}{152}$	$\frac{115}{304}$	$\Phi_{1520}\ \Phi_{190}\ \Phi_{95}\ \Phi_{80}\ \Phi_{10}$
32585	756	928	$\frac{1}{29}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{928}\ \Phi_{464}\ \Phi_{116}\ \Phi_{58}$
32586	756	302	$\frac{3}{151}$	$\frac{37}{151}$	$\frac{38}{151}$	$\frac{113}{302}$	$\Phi_{302}^{4}\ \Phi_{151}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
32587	756	817	$\frac{1}{43}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	Φ_{817}
32588	756	755	$\frac{23}{755}$	$\frac{122}{755}$	$\frac{211}{755}$	$\frac{272}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_{5}\ \Phi_{1}^{2}$
32589	756	406	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{406}^{3}\ \Phi_{203}\ \Phi_{58}^{3}$
32590	756	755	$\frac{27}{755}$	$\frac{104}{755}$	$\frac{217}{755}$	$\frac{269}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_{5}\ \Phi_{1}^{2}$
32591	756	814	$\frac{1}{22}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{814}\ \Phi_{407}\ \Phi_{74}$
32592	756	151	$\frac{7}{151}$	$\frac{16}{151}$	$\frac{45}{151}$	$\frac{53}{151}$	$\Phi_{151}^{5}\ \Phi_{1}^{6}$
32593	756	817	$\frac{1}{19}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	Φ_{817}
32594	756	165	$\frac{1}{15}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{165}^{5}\ \Phi_{55}^{4}\ \Phi_{33}^{5}\ \Phi_{15}^{4}\ \Phi_{11}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
32595	756	151	$\frac{10}{151}$	$\frac{11}{151}$	$\frac{47}{151}$	$\frac{52}{151}$	$\Phi_{151}^{5}\ \Phi_{1}^{6}$
32596	756	416	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{416}^{3}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
32597	756	755	$\frac{38}{755}$	$\frac{71}{755}$	$\frac{239}{755}$	$\frac{258}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_{5}\ \Phi_{1}^{2}$
32598	756	170	$\frac{4}{85}$	$\frac{1}{10}$	$\frac{27}{85}$	$\frac{29}{85}$	$\Phi_{170}^{5}\ \Phi_{85}^{4}\ \Phi_{34}^{5}\ \Phi_{17}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
32599	756	755	$\frac{32}{755}$	$\frac{83}{755}$	$\frac{241}{755}$	$\frac{257}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_{5}\ \Phi_{1}^{2}$
32600	756	872	$\frac{4}{109}$	$\frac{1}{8}$	$\frac{35}{109}$	$\frac{37}{109}$	$\Phi_{872}\ \Phi_{436}\ \Phi_{218}$
32601	756	889	$\frac{4}{127}$	$\frac{1}{7}$	$\frac{41}{127}$	$\frac{43}{127}$	Φ_{889}
32602	756	151	$\frac{4}{151}$	$\frac{25}{151}$	$\frac{49}{151}$	$\frac{51}{151}$	$\Phi_{151}^{5}\ \Phi_{1}^{6}$
32603	756	95	$\frac{2}{95}$	$\frac{1}{5}$	$\frac{31}{95}$	$\frac{32}{95}$	$\Phi_{95}^{8}\ \Phi_{19}^{8}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
32604	756	755	$\frac{14}{755}$	$\frac{167}{755}$	$\frac{247}{755}$	$\frac{254}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_{5}\ \Phi_{1}^{2}$
32605	756	1012	$\frac{4}{253}$	$\frac{1}{4}$	$\frac{83}{253}$	$\frac{85}{253}$	$\Phi_{1012}\ \Phi_{506}\ \Phi_{92}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
32606	756	755	$\frac{8}{755}$	$\frac{249}{755}$	$\frac{251}{755}$	$\frac{253}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_{5}\ \Phi_{1}^{2}$
32607	756	1137	$\frac{4}{379}$	$\frac{125}{379}$	$\frac{1}{3}$	$\frac{127}{379}$	Φ_{1137}
32608	756	282	$\frac{1}{94}$	$\frac{31}{94}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{282}^{2}\ \Phi_{141}^{2}\ \Phi_{94}^{4}\ \Phi_{47}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
32609	756	192	$\frac{1}{64}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{192}^{3}\ \Phi_{96}^{3}\ \Phi_{64}^{6}\ \Phi_{48}^{3}\ \Phi_{32}^{6}\ \Phi_{24}^{3}\ \Phi_{16}^{6}\ \Phi_{12}^{2}\ \Phi_{8}^{6}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
32610	756	495	$\frac{1}{55}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{495}^{2}\ \Phi_{165}\ \Phi_{99}^{2}\ \Phi_{45}^{2}\ \Phi_{33}\ \Phi_{15}$
32611	756	705	$\frac{1}{47}$	$\frac{46}{235}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{705}\ \Phi_{235}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
32612	756	282	$\frac{3}{94}$	$\frac{13}{94}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{282}^{2}\ \Phi_{141}^{2}\ \Phi_{94}^{4}\ \Phi_{47}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
32613	756	168	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{168}^{4}\ \Phi_{84}^{3}\ \Phi_{56}^{8}\ \Phi_{42}^{3}\ \Phi_{28}^{6}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{14}^{6}\ \Phi_{12}^{2}\ \Phi_{8}^{6}\ \Phi_{7}^{6}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
32614	756	141	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{141}^{4}\ \Phi_{47}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{10}$
32615	756	330	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{330}^{2}\ \Phi_{165}^{2}\ \Phi_{110}^{4}\ \Phi_{66}\ \Phi_{55}^{4}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}^{2}\ \Phi_{15}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
32616	756	1500	$\frac{2}{125}$	$\frac{1}{4}$	$\frac{41}{125}$	$\frac{1}{3}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{300}\ \Phi_{150}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
32617	756	1137	$\frac{7}{379}$	$\frac{85}{379}$	$\frac{124}{379}$	$\frac{1}{3}$	Φ_{1137}
32618	756	963	$\frac{2}{107}$	$\frac{2}{9}$	$\frac{35}{107}$	$\frac{1}{3}$	$\Phi_{963}\ \Phi_{107}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
32619	756	651	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{10}{31}$	$\frac{1}{3}$	$\Phi_{651}^{2}\ \Phi_{21}^{3}$
32620	756	1272	$\frac{2}{53}$	$\frac{1}{8}$	$\frac{17}{53}$	$\frac{1}{3}$	$\Phi_{1272}\ \Phi_{636}\ \Phi_{318}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
32621	756	1137	$\frac{16}{379}$	$\frac{43}{379}$	$\frac{121}{379}$	$\frac{1}{3}$	Φ_{1137}
32622	756	1230	$\frac{2}{41}$	$\frac{1}{10}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{246}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}$
32623	756	1137	$\frac{19}{379}$	$\frac{37}{379}$	$\frac{120}{379}$	$\frac{1}{3}$	Φ_{1137}
32624	756	1137	$\frac{25}{379}$	$\frac{29}{379}$	$\frac{118}{379}$	$\frac{1}{3}$	Φ_{1137}
32625	756	195	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{195}^{4}\ \Phi_{65}^{4}\ \Phi_{39}^{2}\ \Phi_{15}^{6}\ \Phi_{13}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
32626	756	570	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{570}^{2}\ \Phi_{285}^{2}\ \Phi_{114}^{2}\ \Phi_{57}^{3}$
32627	756	1137	$\frac{19}{379}$	$\frac{40}{379}$	$\frac{113}{379}$	$\frac{1}{3}$	Φ_{1137}
32628	756	1122	$\frac{1}{22}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{102}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{6}^{2}$
32629	756	1137	$\frac{15}{379}$	$\frac{52}{379}$	$\frac{109}{379}$	$\frac{1}{3}$	Φ_{1137}
32630	756	1137	$\frac{13}{379}$	$\frac{61}{379}$	$\frac{106}{379}$	$\frac{1}{3}$	Φ_{1137}
32631	756	516	$\frac{1}{43}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{516}^{2}\ \Phi_{258}^{2}\ \Phi_{129}^{3}$
32632	756	1332	$\frac{1}{37}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1332}\ \Phi_{666}\ \Phi_{148}\ \Phi_{74}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
32633	756	780	$\frac{2}{65}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_{6}^2$
32634	756	300	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^5\ \Phi_{150}^5\ \Phi_{60}^5\ \Phi_{30}^5\ \Phi_{12}^6\ \Phi_{6}^6$
32635	756	924	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}\ \Phi_{231}\ \Phi_{84}\ \Phi_{21}$
32636	756	1500	$\frac{6}{125}$	$\frac{17}{125}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{300}\ \Phi_{150}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_{6}^2$
32637	756	456	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{456}^3\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{57}^3$
32638	756	1500	$\frac{8}{125}$	$\frac{13}{125}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{300}\ \Phi_{150}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_{6}^2$
32639	756	60	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^{16}\ \Phi_{30}^7\ \Phi_{20}^{18}\ \Phi_{15}^9\ \Phi_{12}^{17}\ \Phi_{10}^8\ \Phi_{6}^8\ \Phi_{5}^{10}\ \Phi_{4}^{18}\ \Phi_{3}^9\ \Phi_{2}^8\ \Phi_{1}^{10}$
32640	756	963	$\frac{3}{107}$	$\frac{2}{9}$	$\frac{26}{107}$	$\frac{1}{3}$	$\Phi_{963}\ \Phi_{107}\ \Phi_{9}^2\ \Phi_{1}^2$
32641	756	1260	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{180}\ \Phi_{140}\ \Phi_{90}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
32642	756	963	$\frac{5}{107}$	$\frac{17}{107}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{963}\ \Phi_{107}\ \Phi_{9}^2\ \Phi_{1}^2$
32643	756	1197	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1197}\ \Phi_{133}$
32644	756	963	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{963}\ \Phi_{107}\ \Phi_{9}^2\ \Phi_{1}^2$
32645	756	1170	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{234}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
32646	756	1425	$\frac{1}{19}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1425}\ \Phi_{57}$
32647	756	1272	$\frac{5}{53}$	$\frac{1}{8}$	$\frac{8}{53}$	$\frac{1}{3}$	$\Phi_{1272}\ \Phi_{636}\ \Phi_{318}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
32648	756	1137	$\frac{37}{379}$	$\frac{46}{379}$	$\frac{57}{379}$	$\frac{1}{3}$	Φ_{1137}
32649	756	1230	$\frac{1}{10}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{3}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{246}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
32650	756	1137	$\frac{36}{379}$	$\frac{49}{379}$	$\frac{55}{379}$	$\frac{1}{3}$	Φ_{1137}
32651	756	651	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{651}^2\ \Phi_{21}^3$
32652	756	840	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{84}\ \Phi_{21}$
32653	756	332	$\frac{2}{83}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{27}{83}$	$\Phi_{332}^2\ \Phi_{166}^2\ \Phi_{83}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
32654	756	151	$\frac{4}{151}$	$\frac{34}{151}$	$\frac{39}{151}$	$\frac{49}{151}$	$\Phi_{151}^5\ \Phi_{1}^6$
32655	756	1012	$\frac{7}{253}$	$\frac{57}{253}$	$\frac{1}{4}$	$\frac{82}{253}$	$\Phi_{1012}\ \Phi_{506}\ \Phi_{92}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
32656	756	341	$\frac{1}{31}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{10}{31}$	$\Phi_{341}^2\ \Phi_{31}^4\ \Phi_{11}^3\ \Phi_{1}^6$
32657	756	620	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{10}{31}$	$\Phi_{620}^2\ \Phi_{310}^2\ \Phi_{20}^3\ \Phi_{10}^3$
32658	756	755	$\frac{26}{755}$	$\frac{128}{755}$	$\frac{209}{755}$	$\frac{243}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_{5}\ \Phi_{1}^2$
32659	756	190	$\frac{7}{190}$	$\frac{1}{5}$	$\frac{43}{190}$	$\frac{61}{190}$	$\Phi_{190}^4\ \Phi_{95}^4\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
32660	756	755	$\frac{29}{755}$	$\frac{146}{755}$	$\frac{171}{755}$	$\frac{242}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_{5}\ \Phi_{1}^2$
32661	756	1012	$\frac{10}{253}$	$\frac{43}{253}$	$\frac{1}{4}$	$\frac{81}{253}$	$\Phi_{1012}\ \Phi_{506}\ \Phi_{92}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
32662	756	697	$\frac{2}{41}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{13}{41}$	$\Phi_{697}\ \Phi_{41}^2\ \Phi_{17}^2\ \Phi_{1}^4$
32663	756	1148	$\frac{2}{41}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{13}{41}$	$\Phi_{1148}\ \Phi_{574}\ \Phi_{28}^2\ \Phi_{14}^2$
32664	756	755	$\frac{38}{755}$	$\frac{86}{755}$	$\frac{223}{755}$	$\frac{239}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_{5}\ \Phi_{1}^2$
32665	756	380	$\frac{1}{19}$	$\frac{13}{76}$	$\frac{1}{5}$	$\frac{6}{19}$	$\Phi_{380}^3\ \Phi_{190}^3\ \Phi_{95}\ \Phi_{20}^3\ \Phi_{10}^3$
32666	756	889	$\frac{7}{127}$	$\frac{1}{7}$	$\frac{29}{127}$	$\frac{40}{127}$	Φ_{889}
32667	756	70	$\frac{2}{35}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{11}{35}$	$\Phi_{70}^{10}\ \Phi_{35}^{11}\ \Phi_{14}^{10}\ \Phi_{10}^{12}\ \Phi_{7}^{11}\ \Phi_{5}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
32668	756	280	$\frac{2}{35}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{11}{35}$	$\Phi_{280}^3\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{8}^6\ \Phi_{7}^3\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
32669	756	175	$\frac{2}{35}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{11}{35}$	$\Phi_{175}^5\ \Phi_{35}\ \Phi_{25}^6\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
32670	756	755	$\frac{44}{755}$	$\frac{74}{755}$	$\frac{227}{755}$	$\frac{237}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_{5}\ \Phi_{1}^2$
32671	756	755	$\frac{47}{755}$	$\frac{97}{755}$	$\frac{173}{755}$	$\frac{236}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_{5}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
32672	756	1012	$\frac{16}{253}$	$\frac{29}{253}$	$\frac{1}{4}$	$\frac{79}{253}$	$\Phi_{1012}\ \Phi_{506}\ \Phi_{92}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
32673	756	872	$\frac{7}{109}$	$\frac{1}{8}$	$\frac{25}{109}$	$\frac{34}{109}$	$\Phi_{872}\ \Phi_{436}\ \Phi_{218}$
32674	756	755	$\frac{56}{755}$	$\frac{83}{755}$	$\frac{174}{755}$	$\frac{233}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_{5}\ \Phi_{1}^{2}$
32675	756	1012	$\frac{19}{253}$	$\frac{25}{253}$	$\frac{1}{4}$	$\frac{78}{253}$	$\Phi_{1012}\ \Phi_{506}\ \Phi_{92}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
32676	756	117	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{4}{13}$	$\Phi_{117}^{6}\ \Phi_{39}^{6}\ \Phi_{13}^{8}\ \Phi_{9}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{12}$
32677	756	520	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{520}^{2}\ \Phi_{260}^{2}\ \Phi_{130}^{2}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}$
32678	756	484	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{37}{121}$	$\Phi_{484}^{2}\ \Phi_{242}^{2}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
32679	756	151	$\frac{13}{151}$	$\frac{15}{151}$	$\frac{34}{151}$	$\frac{46}{151}$	$\Phi_{151}^{5}\ \Phi_{1}^{6}$
32680	756	872	$\frac{10}{109}$	$\frac{1}{8}$	$\frac{19}{109}$	$\frac{33}{109}$	$\Phi_{872}\ \Phi_{436}\ \Phi_{218}$
32681	756	755	$\frac{74}{755}$	$\frac{89}{755}$	$\frac{132}{755}$	$\frac{227}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_{5}\ \Phi_{1}^{2}$
32682	756	260	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{260}^{4}\ \Phi_{130}^{2}\ \Phi_{65}^{2}\ \Phi_{52}^{5}\ \Phi_{26}^{3}\ \Phi_{13}^{2}$
32683	756	70	$\frac{3}{35}$	$\frac{1}{10}$	$\frac{8}{35}$	$\frac{3}{10}$	$\Phi_{70}^{10}\ \Phi_{35}^{11}\ \Phi_{14}^{10}\ \Phi_{10}^{12}\ \Phi_{7}^{11}\ \Phi_{5}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
32684	756	10	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{10}^{76}\ \Phi_{5}^{75}\ \Phi_{2}^{76}\ \Phi_{1}^{76}$
32685	756	70	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{10}$	$\Phi_{70}^{10}\ \Phi_{35}^{10}\ \Phi_{14}^{10}\ \Phi_{10}^{12}\ \Phi_{7}^{15}\ \Phi_{5}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{18}$
32686	756	832	$\frac{1}{13}$	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
32687	756	755	$\frac{59}{755}$	$\frac{83}{755}$	$\frac{174}{755}$	$\frac{224}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_{5}\ \Phi_{1}^{2}$
32688	756	1020	$\frac{1}{15}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{204}\ \Phi_{170}\ \Phi_{102}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}$
32689	756	170	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{170}^{5}\ \Phi_{85}^{5}\ \Phi_{34}^{5}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}$
32690	756	697	$\frac{2}{17}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{5}{17}$	$\Phi_{697}\ \Phi_{41}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
32691	756	952	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{5}{17}$	$\Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
32692	756	755	$\frac{89}{755}$	$\frac{92}{755}$	$\frac{111}{755}$	$\frac{221}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_{5}\ \Phi_{1}^{2}$
32693	756	889	$\frac{15}{127}$	$\frac{16}{127}$	$\frac{1}{7}$	$\frac{37}{127}$	Φ_{889}
32694	756	165	$\frac{1}{15}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{165}^{5}\ \Phi_{55}^{4}\ \Phi_{33}^{5}\ \Phi_{15}^{4}\ \Phi_{11}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
32695	756	755	$\frac{69}{755}$	$\frac{98}{755}$	$\frac{134}{755}$	$\frac{219}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_{5}\ \Phi_{1}^{2}$
32696	756	190	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{5}$	$\frac{11}{38}$	$\Phi_{190}^{5}\ \Phi_{95}^{5}\ \Phi_{10}^{5}\ \Phi_{5}^{4}$
32697	756	755	$\frac{48}{755}$	$\frac{101}{755}$	$\frac{179}{755}$	$\frac{218}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_{5}\ \Phi_{1}^{2}$
32698	756	1012	$\frac{15}{253}$	$\frac{34}{253}$	$\frac{1}{4}$	$\frac{73}{253}$	$\Phi_{1012}\ \Phi_{506}\ \Phi_{92}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
32699	756	755	$\frac{77}{755}$	$\frac{107}{755}$	$\frac{113}{755}$	$\frac{216}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_{5}\ \Phi_{1}^{2}$
32700	756	151	$\frac{18}{151}$	$\frac{19}{151}$	$\frac{22}{151}$	$\frac{43}{151}$	$\Phi_{151}^{5}\ \Phi_{1}^{6}$
32701	756	872	$\frac{13}{109}$	$\frac{1}{8}$	$\frac{16}{109}$	$\frac{31}{109}$	$\Phi_{872}\ \Phi_{436}\ \Phi_{218}$
32702	756	889	$\frac{13}{127}$	$\frac{1}{7}$	$\frac{19}{127}$	$\frac{36}{127}$	Φ_{889}
32703	756	755	$\frac{41}{755}$	$\frac{119}{755}$	$\frac{181}{755}$	$\frac{212}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_{5}\ \Phi_{1}^{2}$
32704	756	1012	$\frac{13}{253}$	$\frac{40}{253}$	$\frac{1}{4}$	$\frac{71}{253}$	$\Phi_{1012}\ \Phi_{506}\ \Phi_{92}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
32705	756	75	$\frac{1}{15}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{75}^{10}\ \Phi_{25}^{8}\ \Phi_{15}^{14}\ \Phi_{5}^{11}\ \Phi_{3}^{14}\ \Phi_{1}^{12}$
32706	756	44	$\frac{1}{22}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{44}^{23}\ \Phi_{22}^{11}\ \Phi_{11}^{12}\ \Phi_{4}^{22}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
32707	756	341	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{341}^{2}\ \Phi_{31}^{4}\ \Phi_{11}^{3}\ \Phi_{1}^{6}$
32708	756	440	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{440}^{2}\ \Phi_{220}^{2}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}^{4}\ \Phi_{20}^{4}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
32709	756	814	$\frac{1}{22}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{814}\ \Phi_{407}\ \Phi_{74}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
32710	756	460	$\frac{1}{23}$	$\frac{22}{115}$	$\frac{1}{4}$	$\frac{31}{115}$	$\Phi_{460}^2\ \Phi_{230}^2\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_4^2\ \Phi_2^2$
32711	756	755	$\frac{62}{755}$	$\frac{99}{755}$	$\frac{164}{755}$	$\frac{197}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_5\ \Phi_1^2$
32712	756	170	$\frac{1}{10}$	$\frac{9}{85}$	$\frac{19}{85}$	$\frac{22}{85}$	$\Phi_{170}^5\ \Phi_{85}^4\ \Phi_{34}^5\ \Phi_{17}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
32713	756	151	$\frac{15}{151}$	$\frac{16}{151}$	$\frac{34}{151}$	$\frac{39}{151}$	$\Phi_{151}^5\ \Phi_1^6$
32714	756	872	$\frac{9}{109}$	$\frac{1}{8}$	$\frac{25}{109}$	$\frac{28}{109}$	$\Phi_{872}\ \Phi_{436}\ \Phi_{218}$
32715	756	755	$\frac{27}{755}$	$\frac{182}{755}$	$\frac{188}{755}$	$\frac{191}{755}$	$\Phi_{755}\ \Phi_{151}\ \Phi_5\ \Phi_1^2$
32716	756	1012	$\frac{9}{253}$	$\frac{61}{253}$	$\frac{1}{4}$	$\frac{64}{253}$	$\Phi_{1012}\ \Phi_{506}\ \Phi_{92}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
32717	756	116	$\frac{1}{29}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{116}^7\ \Phi_{58}^7\ \Phi_{29}^6$
32718	756	332	$\frac{3}{83}$	$\frac{20}{83}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{332}^2\ \Phi_{166}^2\ \Phi_{83}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
32719	756	220	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{220}^4\ \Phi_{110}^5\ \Phi_{55}^5\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
32720	756	332	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{332}^2\ \Phi_{166}^2\ \Phi_{83}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
32721	756	420	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^3\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{21}^3$
32722	756	332	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{332}^2\ \Phi_{166}^2\ \Phi_{83}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
32723	756	104	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{104}^9\ \Phi_{52}^7\ \Phi_{26}^7\ \Phi_{13}^6$
32724	756	280	$\frac{3}{35}$	$\frac{1}{8}$	$\frac{8}{35}$	$\frac{1}{4}$	$\Phi_{280}^3\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^6\ \Phi_7^3\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
32725	756	1012	$\frac{25}{253}$	$\frac{28}{253}$	$\frac{57}{253}$	$\frac{1}{4}$	$\Phi_{1012}\ \Phi_{506}\ \Phi_{92}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
32726	756	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{180}^6\ \Phi_{90}^3\ \Phi_{60}^6\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{20}^8\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
32727	756	92	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{92}^{11}\ \Phi_{46}^{11}\ \Phi_4^{10}\ \Phi_2^{10}$
32728	756	1040	$\frac{1}{13}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
32729	756	1300	$\frac{1}{13}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{52}\ \Phi_{26}$
32730	756	620	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{620}^2\ \Phi_{310}^2\ \Phi_{20}^3\ \Phi_{10}^3$
32731	756	40	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{40}^{21}\ \Phi_{20}^{14}\ \Phi_{10}^{18}\ \Phi_8^{24}\ \Phi_5^{17}\ \Phi_4^{16}\ \Phi_2^{20}\ \Phi_1^{20}$
32732	756	132	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{2}{11}$	$\frac{1}{4}$	$\Phi_{132}^9\ \Phi_{66}^9\ \Phi_{44}^5\ \Phi_{22}^5\ \Phi_{12}^9\ \Phi_6^9\ \Phi_4^4\ \Phi_2^4$
32733	756	1148	$\frac{5}{41}$	$\frac{1}{7}$	$\frac{6}{41}$	$\frac{1}{4}$	$\Phi_{1148}\ \Phi_{574}\ \Phi_{28}^2\ \Phi_{14}^2$
32734	756	1012	$\frac{31}{253}$	$\frac{36}{253}$	$\frac{37}{253}$	$\frac{1}{4}$	$\Phi_{1012}\ \Phi_{506}\ \Phi_{92}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
32735	756	56	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{56}^{15}\ \Phi_{28}^{10}\ \Phi_{14}^{10}\ \Phi_8^{18}\ \Phi_7^{15}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{18}$
32736	756	175	$\frac{3}{35}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{8}{35}$	$\Phi_{175}^5\ \Phi_{35}\ \Phi_{25}^6\ \Phi_7\ \Phi_5\ \Phi_1^2$
32737	756	80	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{17}{80}$	$\Phi_{80}^{12}\ \Phi_{40}^{12}\ \Phi_{16}^{12}\ \Phi_{10}^4\ \Phi_8^{12}\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
32738	756	50	$\frac{1}{10}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{50}^{20}\ \Phi_{25}^{16}\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
32739	756	175	$\frac{4}{35}$	$\frac{4}{25}$	$\frac{31}{175}$	$\frac{1}{5}$	$\Phi_{175}^4\ \Phi_{35}^5\ \Phi_{25}^5\ \Phi_7^5\ \Phi_5^5\ \Phi_1^6$
32740	756	175	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{175}^5\ \Phi_{25}^6\ \Phi_7^5\ \Phi_1^6$
32741	757	1504	$\frac{5}{752}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{747}{1504}$	$\Phi_{1504}\ \Phi_{32}\ \Phi_8\ \Phi_1$
32742	757	1296	$\frac{1}{108}$	$\frac{109}{648}$	$\frac{539}{1296}$	$\frac{107}{216}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
32743	757	1344	$\frac{1}{84}$	$\frac{85}{672}$	$\frac{587}{1344}$	$\frac{83}{168}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{168}\ \Phi_{64}\ \Phi_{56}\ \Phi_{24}\ \Phi_8\ \Phi_1$
32744	757	1008	$\frac{1}{84}$	$\frac{251}{1008}$	$\frac{85}{336}$	$\frac{83}{168}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
32745	757	1488	$\frac{13}{744}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{731}{1488}$	$\Phi_{1488}\ \Phi_{496}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
32746	757	912	$\frac{3}{152}$	$\frac{155}{912}$	$\frac{1}{4}$	$\frac{149}{304}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
32747	757	1480	$\frac{17}{740}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{723}{1480}$	$\Phi_{1480}\ \Phi_{296}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
32748	757	1440	$\frac{1}{36}$	$\frac{37}{720}$	$\frac{683}{1440}$	$\frac{35}{72}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{72}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
32749	757	1080	$\frac{1}{36}$	$\frac{37}{360}$	$\frac{323}{1080}$	$\frac{35}{72}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
32750	757	864	$\frac{1}{36}$	$\frac{107}{864}$	$\frac{37}{144}$	$\frac{35}{72}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
32751	757	828	$\frac{2}{69}$	$\frac{71}{828}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{92}\ \Phi_{69}\ \Phi_{36}\ \Phi_{23}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
32752	757	1456	$\frac{1}{28}$	$\frac{29}{728}$	$\frac{699}{1456}$	$\frac{27}{56}$	$\Phi_{1456}\ \Phi_{208}\ \Phi_{112}\ \Phi_{56}\ \Phi_{16}\ \Phi_8\ \Phi_1$
32753	757	1452	$\frac{31}{726}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{695}{1452}$	$\Phi_{1452}\ \Phi_{484}\ \Phi_{132}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
32754	757	1440	$\frac{37}{720}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{683}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
32755	757	1440	$\frac{37}{720}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{683}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
32756	757	1440	$\frac{37}{720}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{683}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{45}\ \Phi_{32}\ \Phi_{15}\ \Phi_5\ \Phi_1$
32757	757	918	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{161}{918}$	$\frac{145}{306}$	$\Phi_{918}\ \Phi_{459}\ \Phi_{153}\ \Phi_{54}\ \Phi_{51}\ \Phi_{27}\ \Phi_{17}\ \Phi_1$
32758	757	792	$\frac{35}{792}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
32759	757	800	$\frac{43}{800}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
32760	757	1400	$\frac{1}{14}$	$\frac{57}{700}$	$\frac{13}{70}$	$\frac{643}{1400}$	$\Phi_{1400}\ \Phi_{280}\ \Phi_{200}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
32761	757	924	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{167}{924}$	$\frac{141}{308}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{22}\ \Phi_{21}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
32762	757	1380	$\frac{2}{69}$	$\frac{67}{690}$	$\frac{1}{3}$	$\frac{623}{1380}$	$\Phi_{1380}\ \Phi_{460}\ \Phi_{276}\ \Phi_{92}\ \Phi_{69}\ \Phi_{60}\ \Phi_{23}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
32763	757	1368	$\frac{3}{76}$	$\frac{73}{684}$	$\frac{1}{4}$	$\frac{611}{1368}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{152}\ \Phi_{76}\ \Phi_{72}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_8\ \Phi_1$
32764	757	1344	$\frac{1}{28}$	$\frac{85}{672}$	$\frac{27}{112}$	$\frac{587}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{16}\ \Phi_8\ \Phi_1$
32765	757	1344	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{85}{672}$	$\frac{587}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
32766	757	1296	$\frac{1}{54}$	$\frac{109}{648}$	$\frac{53}{162}$	$\frac{539}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
32767	757	810	$\frac{53}{810}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{81}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_5\ \Phi_1$
32768	757	840	$\frac{1}{14}$	$\frac{83}{840}$	$\frac{13}{70}$	$\frac{57}{140}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
32769	757	1080	$\frac{1}{54}$	$\frac{53}{270}$	$\frac{323}{1080}$	$\frac{217}{540}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
32770	757	1232	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{141}{616}$	$\frac{475}{1232}$	$\Phi_{1232}\ \Phi_{176}\ \Phi_{154}\ \Phi_{112}\ \Phi_{77}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
32771	757	1224	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{145}{612}$	$\frac{467}{1224}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}\ \Phi_{51}\ \Phi_{24}\ \Phi_{17}\ \Phi_8\ \Phi_1$
32772	757	896	$\frac{1}{28}$	$\frac{139}{896}$	$\frac{27}{112}$	$\frac{85}{224}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{128}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{16}\ \Phi_8\ \Phi_1$
32773	757	1216	$\frac{3}{152}$	$\frac{149}{608}$	$\frac{1}{4}$	$\frac{459}{1216}$	$\Phi_{1216}\ \Phi_{152}\ \Phi_{76}\ \Phi_{64}\ \Phi_{38}\ \Phi_{19}\ \Phi_8\ \Phi_1$
32774	757	1128	$\frac{5}{376}$	$\frac{1}{4}$	$\frac{371}{1128}$	$\frac{3}{8}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
32775	757	768	$\frac{11}{768}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
32776	757	1176	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{169}{588}$	$\frac{419}{1176}$	$\Phi_{1176}\ \Phi_{392}\ \Phi_{196}\ \Phi_{168}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{24}\ \Phi_8\ \Phi_1$
32777	757	1152	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{181}{576}$	$\frac{395}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
32778	757	972	$\frac{1}{54}$	$\frac{215}{972}$	$\frac{53}{162}$	$\frac{109}{324}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_1$
32779	757	1089	$\frac{2}{33}$	$\frac{31}{363}$	$\frac{332}{1089}$	$\frac{1}{3}$	$\Phi_{1089}\ \Phi_{99}\ \Phi_{33}\ \Phi_{11}\ \Phi_9\ \Phi_1$
32780	757	1035	$\frac{2}{69}$	$\frac{67}{345}$	$\frac{278}{1035}$	$\frac{1}{3}$	$\Phi_{1035}\ \Phi_{207}\ \Phi_{69}\ \Phi_{45}\ \Phi_{23}\ \Phi_9\ \Phi_1$
32781	757	912	$\frac{3}{76}$	$\frac{155}{912}$	$\frac{1}{4}$	$\frac{73}{228}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{48}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{16}\ \Phi_8\ \Phi_1$
32782	757	840	$\frac{3}{40}$	$\frac{83}{840}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
32783	757	1080	$\frac{3}{40}$	$\frac{37}{360}$	$\frac{1}{4}$	$\frac{323}{1080}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
32784	757	1080	$\frac{37}{360}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{323}{1080}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_5\ \Phi_1$
32785	757	1050	$\frac{1}{14}$	$\frac{57}{350}$	$\frac{13}{70}$	$\frac{293}{1050}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{210}\ \Phi_{150}\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
32786	757	864	$\frac{1}{12}$	$\frac{107}{864}$	$\frac{11}{48}$	$\frac{37}{144}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
32787	757	1008	$\frac{1}{28}$	$\frac{27}{112}$	$\frac{251}{1008}$	$\frac{85}{336}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
32788	757	960	$\frac{3}{40}$	$\frac{37}{240}$	$\frac{203}{960}$	$\frac{1}{4}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
32789	757	960	$\frac{1}{12}$	$\frac{37}{240}$	$\frac{203}{960}$	$\frac{11}{48}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
32790	757	900	$\frac{1}{9}$	$\frac{143}{900}$	$\frac{8}{45}$	$\frac{37}{180}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_1$
32791	758	2256	$\frac{3}{376}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{373}{752}$	$\Phi_{2256}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
32792	758	750	$\frac{4}{375}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{371}{750}$	$\Phi_{750}^2\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
32793	758	456	$\frac{1}{76}$	$\frac{77}{456}$	$\frac{1}{3}$	$\frac{75}{152}$	$\Phi_{456}\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{24}\ \Phi_{19}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
32794	758	2220	$\frac{9}{370}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{361}{740}$	$\Phi_{2220}\ \Phi_{444}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
32795	758	2166	$\frac{18}{361}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{343}{722}$	$\Phi_{2166}\ \Phi_{114}\ \Phi_{57}\ \Phi_6$
32796	758	1200	$\frac{1}{20}$	$\frac{21}{400}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
32797	758	720	$\frac{1}{20}$	$\frac{19}{360}$	$\frac{1}{3}$	$\frac{341}{720}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{30}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
32798	758	684	$\frac{1}{38}$	$\frac{37}{342}$	$\frac{1}{3}$	$\frac{305}{684}$	$\Phi_{684}^2\ \Phi_{228}^2\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
32799	758	1824	$\frac{1}{76}$	$\frac{75}{304}$	$\frac{1}{3}$	$\frac{229}{608}$	$\Phi_{1824}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}\ \Phi_{57}\ \Phi_{12}\ \Phi_6$
32800	758	384	$\frac{5}{384}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
32801	758	570	$\frac{1}{95}$	$\frac{94}{285}$	$\frac{1}{3}$	$\frac{191}{570}$	$\Phi_{570}^2\ \Phi_{285}\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
32802	758	564	$\frac{3}{188}$	$\frac{1}{4}$	$\frac{185}{564}$	$\frac{1}{3}$	$\Phi_{564}\ \Phi_{282}\ \Phi_{188}^2\ \Phi_{141}\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
32803	758	456	$\frac{1}{38}$	$\frac{77}{456}$	$\frac{37}{114}$	$\frac{1}{3}$	$\Phi_{456}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2$
32804	758	420	$\frac{1}{20}$	$\frac{41}{420}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_6$
32805	758	540	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{161}{540}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{30}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
32806	758	390	$\frac{11}{390}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
32807	758	1500	$\frac{4}{125}$	$\frac{1}{5}$	$\frac{121}{500}$	$\frac{1}{3}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{300}\ \Phi_{150}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
32808	758	480	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{101}{480}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
32809	758	1200	$\frac{21}{400}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
32810	758	450	$\frac{4}{75}$	$\frac{71}{450}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_2^2$
32811	759	680	$\frac{1}{68}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{67}{136}$	$\Phi_{680}^2\ \Phi_{136}^3\ \Phi_{40}^2\ \Phi_{20}\ \Phi_8^3\ \Phi_4\ \Phi_1$
32812	759	2040	$\frac{1}{68}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{67}{136}$	$\Phi_{2040}\ \Phi_{408}\ \Phi_{136}\ \Phi_{120}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
32813	759	704	$\frac{1}{32}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{31}{64}$	$\Phi_{704}^2\ \Phi_{64}^3\ \Phi_{44}\ \Phi_4\ \Phi_1$
32814	759	2112	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{31}{64}$	$\Phi_{2112}\ \Phi_{192}\ \Phi_{64}\ \Phi_{33}\ \Phi_3\ \Phi_1$
32815	759	176	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{21}{44}$	$\Phi_{176}^4\ \Phi_{88}^4\ \Phi_{44}^5\ \Phi_{22}^4\ \Phi_{16}^6\ \Phi_{11}^4\ \Phi_8^6\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
32816	759	132	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{132}^6\ \Phi_{66}^6\ \Phi_{44}^5\ \Phi_{33}^6\ \Phi_{22}^4\ \Phi_{12}^9\ \Phi_{11}^4\ \Phi_6^9\ \Phi_4^7\ \Phi_3^9\ \Phi_2^6\ \Phi_1^7$
32817	759	440	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{21}{44}$	$\Phi_{440}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
32818	759	780	$\frac{4}{65}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
32819	759	84	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{84}^{10}\ \Phi_{42}^{10}\ \Phi_{28}^8\ \Phi_{21}^{10}\ \Phi_{14}^7\ \Phi_{12}^9\ \Phi_7^7\ \Phi_6^9\ \Phi_4^7\ \Phi_3^9\ \Phi_2^6\ \Phi_1^7$
32820	759	714	$\frac{1}{34}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{119}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{21}\ \Phi_{17}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
32821	759	84	$\frac{1}{12}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{84}^{10}\ \Phi_{42}^7\ \Phi_{28}^{10}\ \Phi_{21}^{10}\ \Phi_{14}^7\ \Phi_{12}^9\ \Phi_7^9\ \Phi_6^6\ \Phi_4^9\ \Phi_3^9\ \Phi_2^6\ \Phi_1^9$
32822	759	340	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{11}{34}$	$\frac{9}{20}$	$\Phi_{340}^4\ \Phi_{68}^4\ \Phi_{34}^2\ \Phi_{20}^5\ \Phi_{17}^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
32823	759	120	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{40}^6\ \Phi_{30}^6\ \Phi_{24}^9\ \Phi_{20}^5\ \Phi_{15}^6\ \Phi_{12}^9\ \Phi_{10}^4\ \Phi_8^9\ \Phi_6^9\ \Phi_5^4\ \Phi_4^7\ \Phi_3^9\ \Phi_2^6\ \Phi_1^7$
32824	759	340	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{16}{85}$	$\frac{9}{20}$	$\Phi_{340}^4\ \Phi_{85}\ \Phi_{68}^4\ \Phi_{20}^5\ \Phi_5\ \Phi_4^5\ \Phi_1$
32825	759	240	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^3\ \Phi_{60}^2\ \Phi_{48}^4\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{24}^4\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
32826	759	544	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{544}^2\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_8\ \Phi_4\ \Phi_1$
32827	759	680	$\frac{1}{34}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{680}^2\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{40}\ \Phi_{34}\ \Phi_{17}\ \Phi_8\ \Phi_4\ \Phi_1$
32828	759	120	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{120}^{12}\ \Phi_{60}^2\ \Phi_{40}^9\ \Phi_{30}^2\ \Phi_{24}^{12}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8^9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
32829	759	630	$\frac{1}{70}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}^2\ \Phi_{126}\ \Phi_{105}^2\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
32830	759	336	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{336}^4\ \Phi_{112}^3\ \Phi_{84}^2\ \Phi_{48}^4\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{16}^3\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
32831	759	560	$\frac{1}{70}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{560}^2\ \Phi_{140}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
32832	759	612	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{612}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{36}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
32833	759	379	$\frac{4}{379}$	$\frac{125}{379}$	$\frac{126}{379}$	$\frac{127}{379}$	$\Phi_{379}^2\ \Phi_1^3$
32834	759	510	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{34}$	$\Phi_{510}^2\ \Phi_{255}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{17}^2\ \Phi_{15}^3\ \Phi_6^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
32835	759	528	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{5}{16}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{33}^3\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
32836	759	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{132}^5\ \Phi_{66}^5\ \Phi_{44}^6\ \Phi_{33}^6\ \Phi_{22}^6\ \Phi_{12}^8\ \Phi_{11}^6\ \Phi_6^8\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
32837	759	1320	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{10}{33}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$
32838	759	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{60}^{14}\ \Phi_{30}^{11}\ \Phi_{20}^{14}\ \Phi_{15}^{11}\ \Phi_{12}^{13}\ \Phi_{10}^{13}\ \Phi_6^{10}\ \Phi_5^{13}\ \Phi_4^{13}\ \Phi_3^{10}\ \Phi_2^{12}\ \Phi_1^{13}$
32839	759	84	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{84}^{10}\ \Phi_{42}^{10}\ \Phi_{28}^7\ \Phi_{21}^{10}\ \Phi_{14}^7\ \Phi_{12}^9\ \Phi_7^9\ \Phi_6^9\ \Phi_4^6\ \Phi_3^9\ \Phi_2^6\ \Phi_1^9$
32840	759	120	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{120}^6\ \Phi_{60}^5\ \Phi_{40}^6\ \Phi_{30}^5\ \Phi_{24}^9\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{12}^8\ \Phi_{10}^6\ \Phi_8^9\ \Phi_6^8\ \Phi_5^6\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
32841	759	255	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{255}^4\ \Phi_{85}\ \Phi_{51}^4\ \Phi_{15}^5\ \Phi_5\ \Phi_3^5\ \Phi_1$
32842	760	189	$\frac{1}{189}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{94}{189}$	$\Phi_{189}^4\ \Phi_{63}^4\ \Phi_{27}^4\ \Phi_{21}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_3^5\ \Phi_1^6$
32843	760	759	$\frac{5}{759}$	$\frac{191}{759}$	$\frac{284}{759}$	$\frac{377}{759}$	$\Phi_{759}\ \Phi_{253}\ \Phi_{69}\ \Phi_{33}\ \Phi_{23}\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
32844	760	1208	$\frac{1}{151}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{75}{151}$	$\Phi_{1208}\ \Phi_{151}\ \Phi_8^2\ \Phi_1^2$
32845	760	381	$\frac{1}{127}$	$\frac{32}{127}$	$\frac{1}{3}$	$\frac{63}{127}$	$\Phi_{381}^3\ \Phi_3^2$
32846	760	1316	$\frac{1}{94}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{93}{188}$	$\Phi_{1316}\ \Phi_{188}^2\ \Phi_{28}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
32847	760	2820	$\frac{1}{94}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{93}{188}$	$\Phi_{2820}\ \Phi_{60}\ \Phi_{15}$
32848	760	225	$\frac{1}{75}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{37}{75}$	$\Phi_{225}^3\ \Phi_{75}^4\ \Phi_{45}^3\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
32849	760	150	$\frac{1}{75}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{37}{75}$	$\Phi_{150}^6\ \Phi_{75}^4\ \Phi_{50}^6\ \Phi_{30}^6\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_6^8\ \Phi_5^4\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
32850	760	69	$\frac{1}{69}$	$\frac{7}{69}$	$\frac{31}{69}$	$\frac{34}{69}$	$\Phi_{69}^{11}\ \Phi_{23}^{11}\ \Phi_{3}^{11}\ \Phi_{1}^{12}$
32851	760	187	$\frac{3}{187}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{92}{187}$	$\Phi_{187}^{4}\ \Phi_{17}^{4}\ \Phi_{11}^{5}\ \Phi_{1}^{6}$
32852	760	102	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{13}{51}$	$\frac{25}{51}$	$\Phi_{102}^{9}\ \Phi_{51}^{6}\ \Phi_{34}^{9}\ \Phi_{17}^{6}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
32853	760	558	$\frac{2}{93}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{91}{186}$	$\Phi_{558}^{3}\ \Phi_{186}^{2}\ \Phi_{62}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
32854	760	759	$\frac{17}{759}$	$\frac{113}{759}$	$\frac{194}{759}$	$\frac{371}{759}$	$\Phi_{759}\ \Phi_{253}\ \Phi_{69}\ \Phi_{33}\ \Phi_{23}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}^{2}$
32855	760	381	$\frac{3}{127}$	$\frac{13}{127}$	$\frac{1}{3}$	$\frac{62}{127}$	$\Phi_{381}^{3}\ \Phi_{3}^{2}$
32856	760	468	$\frac{1}{39}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{19}{39}$	$\Phi_{468}^{3}\ \Phi_{156}^{3}\ \Phi_{52}^{3}\ \Phi_{39}\ \Phi_{36}^{4}\ \Phi_{13}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
32857	760	273	$\frac{1}{39}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{273}^{3}\ \Phi_{91}^{3}\ \Phi_{39}\ \Phi_{21}^{4}\ \Phi_{13}\ \Phi_{7}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
32858	760	351	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{39}$	$\Phi_{351}^{3}\ \Phi_{39}\ \Phi_{27}^{4}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
32859	760	312	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{39}$	$\Phi_{312}^{3}\ \Phi_{156}^{3}\ \Phi_{104}^{3}\ \Phi_{52}^{3}\ \Phi_{39}\ \Phi_{24}^{4}\ \Phi_{13}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
32860	760	703	$\frac{1}{37}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{18}{37}$	$\Phi_{703}\ \Phi_{37}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
32861	760	1221	$\frac{1}{37}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{1221}\ \Phi_{33}^{2}$
32862	760	703	$\frac{1}{37}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{18}{37}$	$\Phi_{703}\ \Phi_{37}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
32863	760	1110	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{18}{37}$	$\Phi_{1110}\ \Phi_{555}\ \Phi_{370}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
32864	760	253	$\frac{7}{253}$	$\frac{13}{253}$	$\frac{120}{253}$	$\frac{123}{253}$	$\Phi_{253}^{3}\ \Phi_{23}^{3}\ \Phi_{11}^{3}\ \Phi_{1}^{4}$
32865	760	363	$\frac{1}{33}$	$\frac{17}{363}$	$\frac{173}{363}$	$\frac{16}{33}$	$\Phi_{363}^{2}\ \Phi_{121}^{2}\ \Phi_{33}^{3}\ \Phi_{11}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
32866	760	1152	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
32867	760	184	$\frac{3}{92}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{89}{184}$	$\Phi_{184}^{8}\ \Phi_{23}\ \Phi_{8}^{8}\ \Phi_{1}^{2}$
32868	760	184	$\frac{3}{92}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{89}{184}$	$\Phi_{184}^{8}\ \Phi_{23}\ \Phi_{8}^{8}\ \Phi_{1}^{2}$
32869	760	1656	$\frac{3}{92}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{89}{184}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
32870	760	77	$\frac{3}{77}$	$\frac{1}{11}$	$\frac{20}{77}$	$\frac{37}{77}$	$\Phi_{77}^{10}\ \Phi_{11}^{9}\ \Phi_{7}^{10}\ \Phi_{1}^{10}$
32871	760	759	$\frac{31}{759}$	$\frac{79}{759}$	$\frac{170}{759}$	$\frac{364}{759}$	$\Phi_{759}\ \Phi_{253}\ \Phi_{69}\ \Phi_{33}\ \Phi_{23}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}^{2}$
32872	760	138	$\frac{1}{23}$	$\frac{3}{46}$	$\frac{43}{138}$	$\frac{11}{23}$	$\Phi_{138}^{8}\ \Phi_{69}^{8}\ \Phi_{23}\ \Phi_{6}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{2}$
32873	760	207	$\frac{1}{23}$	$\frac{17}{207}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{207}^{4}\ \Phi_{69}^{4}\ \Phi_{23}\ \Phi_{9}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
32874	760	23	$\frac{1}{23}$	$\frac{3}{23}$	$\frac{4}{23}$	$\frac{11}{23}$	$\Phi_{23}^{33}\ \Phi_{1}^{34}$
32875	760	306	$\frac{7}{153}$	$\frac{20}{153}$	$\frac{1}{6}$	$\frac{73}{153}$	$\Phi_{306}^{3}\ \Phi_{153}^{2}\ \Phi_{102}^{3}\ \Phi_{51}^{2}\ \Phi_{34}^{3}\ \Phi_{18}^{3}\ \Phi_{17}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
32876	760	955	$\frac{9}{191}$	$\frac{20}{191}$	$\frac{1}{5}$	$\frac{91}{191}$	Φ_{955}
32877	760	759	$\frac{37}{759}$	$\frac{56}{759}$	$\frac{199}{759}$	$\frac{361}{759}$	$\Phi_{759}\ \Phi_{253}\ \Phi_{69}\ \Phi_{33}\ \Phi_{23}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}^{2}$
32878	760	381	$\frac{19}{381}$	$\frac{20}{381}$	$\frac{1}{3}$	$\frac{181}{381}$	$\Phi_{381}^{2}\ \Phi_{127}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
32879	760	1140	$\frac{1}{20}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{285}\ \Phi_{228}\ \Phi_{114}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
32880	760	252	$\frac{1}{21}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{252}^{6}\ \Phi_{84}^{6}\ \Phi_{36}^{4}\ \Phi_{28}^{6}\ \Phi_{21}^{2}\ \Phi_{12}^{4}\ \Phi_{7}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
32881	760	468	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{17}{36}$	$\Phi_{468}^{3}\ \Phi_{156}^{3}\ \Phi_{52}^{3}\ \Phi_{36}^{4}\ \Phi_{13}^{3}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
32882	760	1980	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{220}\ \Phi_{55}$
32883	760	468	$\frac{1}{18}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{17}{36}$	$\Phi_{468}^{3}\ \Phi_{156}^{3}\ \Phi_{52}^{3}\ \Phi_{39}\ \Phi_{36}^{4}\ \Phi_{13}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
32884	760	36	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{36}^{40}\ \Phi_{18}^{3}\ \Phi_{12}^{40}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{40}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
32885	760	510	$\frac{1}{17}$	$\frac{9}{85}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{510}^{2}\ \Phi_{255}^{2}\ \Phi_{170}^{2}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
32886	760	143	$\frac{9}{143}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{67}{143}$	$\Phi_{143}^{5}\ \Phi_{13}^{5}\ \Phi_{11}^{9}\ \Phi_{1}^{10}$
32887	760	231	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{41}{231}$	$\frac{36}{77}$	$\Phi_{231}^{4}\ \Phi_{77}^{2}\ \Phi_{33}^{4}\ \Phi_{21}^{4}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
32888	760	820	$\frac{1}{20}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{820}\ \Phi_{410}\ \Phi_{205}\ \Phi_{164}\ \Phi_{82}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
32889	760	546	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{546}^{2}\ \Phi_{273}\ \Phi_{182}^{2}\ \Phi_{91}\ \Phi_{78}^{2}\ \Phi_{42}^{2}\ \Phi_{39}\ \Phi_{14}^{2}\ \Phi_{6}^{2}$
32890	760	1584	$\frac{7}{88}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{81}{176}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
32891	760	385	$\frac{3}{35}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{385}^{2}\ \Phi_{77}^{3}\ \Phi_{55}^{2}\ \Phi_{11}^{2}$
32892	760	561	$\frac{6}{187}$	$\frac{1}{11}$	$\frac{181}{561}$	$\frac{5}{11}$	$\Phi_{561}^{2}\ \Phi_{51}^{2}\ \Phi_{33}^{2}\ \Phi_{11}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
32893	760	99	$\frac{4}{99}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{99}^{8}\ \Phi_{33}^{8}\ \Phi_{11}^{5}\ \Phi_{9}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{6}$
32894	760	22	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{22}^{40}\ \Phi_{11}^{29}\ \Phi_{2}^{40}\ \Phi_{1}^{30}$
32895	760	759	$\frac{29}{759}$	$\frac{73}{759}$	$\frac{208}{759}$	$\frac{343}{759}$	$\Phi_{759}\ \Phi_{253}\ \Phi_{69}\ \Phi_{33}\ \Phi_{23}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}^{2}$
32896	760	693	$\frac{1}{33}$	$\frac{67}{693}$	$\frac{32}{99}$	$\frac{313}{693}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{99}^{2}\ \Phi_{77}\ \Phi_{63}\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
32897	760	693	$\frac{1}{11}$	$\frac{67}{693}$	$\frac{10}{77}$	$\frac{313}{693}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{99}\ \Phi_{77}^{2}\ \Phi_{63}\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}\ \Phi_{9}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
32898	760	381	$\frac{11}{381}$	$\frac{37}{381}$	$\frac{1}{3}$	$\frac{172}{381}$	$\Phi_{381}^{2}\ \Phi_{127}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
32899	760	69	$\frac{4}{69}$	$\frac{7}{69}$	$\frac{13}{69}$	$\frac{31}{69}$	$\Phi_{69}^{11}\ \Phi_{23}^{11}\ \Phi_{3}^{11}\ \Phi_{1}^{12}$
32900	760	69	$\frac{2}{23}$	$\frac{7}{69}$	$\frac{3}{23}$	$\frac{31}{69}$	$\Phi_{69}^{10}\ \Phi_{23}^{13}\ \Phi_{3}^{10}\ \Phi_{1}^{14}$
32901	760	117	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{117}^{6}\ \Phi_{39}^{8}\ \Phi_{13}^{8}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
32902	760	225	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{6}{25}$	$\frac{4}{9}$	$\Phi_{225}^{3}\ \Phi_{75}^{3}\ \Phi_{45}^{3}\ \Phi_{25}^{6}\ \Phi_{15}^{3}\ \Phi_{9}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
32903	760	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{180}^{4}\ \Phi_{90}^{4}\ \Phi_{60}^{4}\ \Phi_{45}^{3}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{20}^{8}\ \Phi_{18}^{4}\ \Phi_{15}^{3}\ \Phi_{12}^{4}\ \Phi_{10}^{8}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
32904	760	162	$\frac{5}{81}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{162}^{6}\ \Phi_{81}^{4}\ \Phi_{54}^{6}\ \Phi_{27}^{4}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
32905	760	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{7}{45}$	$\frac{4}{9}$	$\Phi_{45}^{17}\ \Phi_{15}^{16}\ \Phi_{9}^{18}\ \Phi_{5}^{16}\ \Phi_{3}^{17}\ \Phi_{1}^{18}$
32906	760	102	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{15}{34}$	$\Phi_{102}^{9}\ \Phi_{51}^{9}\ \Phi_{34}\ \Phi_{17}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
32907	760	132	$\frac{1}{33}$	$\frac{4}{33}$	$\frac{37}{132}$	$\frac{29}{66}$	$\Phi_{132}^{8}\ \Phi_{44}^{8}\ \Phi_{33}^{7}\ \Phi_{12}^{8}\ \Phi_{11}^{7}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
32908	760	504	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{84}$	$\frac{73}{168}$	$\Phi_{504}^{3}\ \Phi_{168}^{2}\ \Phi_{72}^{3}\ \Phi_{56}^{2}\ \Phi_{36}^{3}\ \Phi_{24}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
32909	760	987	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{46}{141}$	$\frac{3}{7}$	$\Phi_{987}\ \Phi_{141}^{2}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
32910	760	273	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{273}^{3}\ \Phi_{91}^{3}\ \Phi_{39}^{2}\ \Phi_{21}^{3}\ \Phi_{13}^{2}\ \Phi_{3}^{2}$
32911	760	329	$\frac{2}{47}$	$\frac{1}{7}$	$\frac{9}{47}$	$\frac{3}{7}$	$\Phi_{329}^{2}\ \Phi_{47}^{4}\ \Phi_{7}^{3}\ \Phi_{1}^{6}$
32912	760	420	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{140}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{70}\ \Phi_{60}^{4}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}^{4}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
32913	760	231	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{231}^{4}\ \Phi_{77}^{3}\ \Phi_{33}^{4}\ \Phi_{11}^{2}$
32914	760	33	$\frac{1}{33}$	$\frac{5}{33}$	$\frac{8}{33}$	$\frac{14}{33}$	$\Phi_{33}^{23}\ \Phi_{11}^{23}\ \Phi_{3}^{23}\ \Phi_{1}^{24}$
32915	760	33	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{33}^{20}\ \Phi_{11}^{29}\ \Phi_{3}^{20}\ \Phi_{1}^{30}$
32916	760	820	$\frac{1}{20}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{820}\ \Phi_{410}\ \Phi_{205}\ \Phi_{164}\ \Phi_{82}$
32917	760	1312	$\frac{1}{41}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1312}\ \Phi_{164}\ \Phi_{82}$
32918	760	288	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{288}^{5}\ \Phi_{144}\ \Phi_{96}^{5}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
32919	760	759	$\frac{34}{759}$	$\frac{113}{759}$	$\frac{145}{759}$	$\frac{307}{759}$	$\Phi_{759}\ \Phi_{253}\ \Phi_{69}\ \Phi_{33}\ \Phi_{23}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}^{2}$
32920	760	955	$\frac{6}{191}$	$\frac{37}{191}$	$\frac{1}{5}$	$\frac{77}{191}$	Φ_{955}
32921	760	759	$\frac{14}{759}$	$\frac{149}{759}$	$\frac{227}{759}$	$\frac{305}{759}$	$\Phi_{759}\ \Phi_{253}\ \Phi_{69}\ \Phi_{33}\ \Phi_{23}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}^{2}$
32922	760	381	$\frac{2}{127}$	$\frac{25}{127}$	$\frac{1}{3}$	$\frac{51}{127}$	$\Phi_{381}^{3}\ \Phi_{3}^{2}$
32923	760	253	$\frac{8}{253}$	$\frac{49}{253}$	$\frac{51}{253}$	$\frac{101}{253}$	$\Phi_{253}^{3}\ \Phi_{23}^{3}\ \Phi_{11}^{3}\ \Phi_{1}^{4}$
32924	760	99	$\frac{4}{99}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{99}^{8}\ \Phi_{33}^{7}\ \Phi_{11}^{7}\ \Phi_{9}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
32925	760	820	$\frac{1}{20}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{820}\ \Phi_{410}\ \Phi_{205}\ \Phi_{164}\ \Phi_{82}$
32926	760	621	$\frac{1}{69}$	$\frac{139}{621}$	$\frac{68}{207}$	$\frac{241}{621}$	$\Phi_{621}\ \Phi_{207}^{2}\ \Phi_{69}\ \Phi_{27}\ \Phi_{23}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
32927	760	154	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{18}{77}$	$\frac{59}{154}$	$\Phi_{154}^{8}\ \Phi_{77}^{2}\ \Phi_{22}^{8}\ \Phi_{14}^{8}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
32928	760	759	$\frac{35}{759}$	$\frac{94}{759}$	$\frac{181}{759}$	$\frac{289}{759}$	$\Phi_{759}\ \Phi_{253}\ \Phi_{69}\ \Phi_{33}\ \Phi_{23}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}^{2}$
32929	760	306	$\frac{5}{153}$	$\frac{1}{6}$	$\frac{37}{153}$	$\frac{58}{153}$	$\Phi_{306}^{3}\ \Phi_{153}^{2}\ \Phi_{102}^{3}\ \Phi_{51}^{2}\ \Phi_{34}^{3}\ \Phi_{18}^{3}\ \Phi_{17}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
32930	760	138	$\frac{1}{69}$	$\frac{17}{69}$	$\frac{43}{138}$	$\frac{26}{69}$	$\Phi_{138}^{8}\ \Phi_{69}^{3}\ \Phi_{46}^{8}\ \Phi_{23}^{3}\ \Phi_{6}^{8}\ \Phi_{3}^{3}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
32931	760	1848	$\frac{1}{77}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1848}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{33}\ \Phi_{21}$
32932	760	1208	$\frac{3}{151}$	$\frac{37}{151}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1208}\ \Phi_{151}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
32933	760	984	$\frac{1}{41}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}$
32934	760	1560	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{195}\ \Phi_{120}\ \Phi_{65}\ \Phi_{15}$
32935	760	1208	$\frac{7}{151}$	$\frac{18}{151}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1208}\ \Phi_{151}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
32936	760	360	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^{4}\ \Phi_{180}\ \Phi_{120}^{4}\ \Phi_{90}\ \Phi_{72}^{3}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}^{3}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
32937	760	1230	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1230}\ \Phi_{410}\ \Phi_{246}\ \Phi_{205}\ \Phi_{82}$
32938	760	297	$\frac{1}{33}$	$\frac{16}{99}$	$\frac{83}{297}$	$\frac{107}{297}$	$\Phi_{297}^{2}\ \Phi_{99}^{4}\ \Phi_{33}^{3}\ \Phi_{27}^{2}\ \Phi_{11}^{3}\ \Phi_{9}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
32939	760	144	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{23}{72}$	$\frac{49}{144}$	$\Phi_{144}^{8}\ \Phi_{72}^{3}\ \Phi_{48}^{8}\ \Phi_{36}^{3}\ \Phi_{24}^{2}\ \Phi_{18}^{3}\ \Phi_{16}^{8}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
32940	760	96	$\frac{1}{96}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{96}^{8}\ \Phi_{48}^{8}\ \Phi_{32}^{8}\ \Phi_{24}^{8}\ \Phi_{16}^{8}\ \Phi_{12}^{8}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
32941	760	567	$\frac{2}{189}$	$\frac{187}{567}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{567}^{2}\ \Phi_{81}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
32942	760	126	$\frac{1}{63}$	$\frac{31}{126}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{126}^{8}\ \Phi_{63}^{4}\ \Phi_{42}^{8}\ \Phi_{21}^{4}\ \Phi_{18}^{8}\ \Phi_{14}^{8}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
32943	760	387	$\frac{7}{387}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{387}^{2}\ \Phi_{129}^{2}\ \Phi_{43}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
32944	760	189	$\frac{4}{189}$	$\frac{37}{189}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{189}^{4}\ \Phi_{63}^{4}\ \Phi_{27}^{4}\ \Phi_{21}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
32945	760	78	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{78}^{12}\ \Phi_{39}^{8}\ \Phi_{26}^{12}\ \Phi_{13}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
32946	760	294	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{294}^{2}\ \Phi_{147}^{2}\ \Phi_{98}^{4}\ \Phi_{49}^{4}\ \Phi_{42}^{2}\ \Phi_{21}\ \Phi_{14}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
32947	760	441	$\frac{2}{63}$	$\frac{61}{441}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{441}^{2}\ \Phi_{147}^{2}\ \Phi_{49}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
32948	760	108	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{108}^{8}\ \Phi_{54}^{8}\ \Phi_{36}^{8}\ \Phi_{27}^{4}\ \Phi_{18}^{8}\ \Phi_{12}^{8}\ \Phi_{9}^{4}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
32949	760	99	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{99}^{8}\ \Phi_{33}^{8}\ \Phi_{11}^{8}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
32950	760	21	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{21}^{36}\ \Phi_{7}^{36}\ \Phi_{3}^{37}\ \Phi_{1}^{38}$
32951	760	660	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}^{2}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}^{2}\ \Phi_{66}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}$
32952	760	81	$\frac{5}{81}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{81}^{10}\ \Phi_{27}^{8}\ \Phi_{9}^{8}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
32953	760	705	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{46}{141}$	$\frac{1}{3}$	$\Phi_{705}\ \Phi_{235}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}$
32954	760	450	$\frac{2}{75}$	$\frac{1}{6}$	$\frac{73}{225}$	$\frac{1}{3}$	$\Phi_{450}^{3}\ \Phi_{225}^{2}\ \Phi_{90}^{3}\ \Phi_{45}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
32955	760	189	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{189}^{6}\ \Phi_{27}^{4}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
32956	760	351	$\frac{1}{39}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{351}^{3}\ \Phi_{39}^{2}\ \Phi_{27}^{2}\ \Phi_{13}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
32957	760	381	$\frac{3}{127}$	$\frac{31}{127}$	$\frac{32}{127}$	$\frac{1}{3}$	$\Phi_{381}^{3}\ \Phi_{3}^{2}$
32958	760	150	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{6}{25}$	$\frac{1}{3}$	$\Phi_{150}^{6}\ \Phi_{75}^{3}\ \Phi_{50}^{6}\ \Phi_{30}^{6}\ \Phi_{25}^{6}\ \Phi_{15}^{3}\ \Phi_{10}^{6}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
32959	760	381	$\frac{17}{381}$	$\frac{58}{381}$	$\frac{91}{381}$	$\frac{1}{3}$	$\Phi_{381}^{2}\ \Phi_{127}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
32960	760	273	$\frac{1}{13}$	$\frac{2}{21}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{273}^{3}\ \Phi_{91}^{3}\ \Phi_{21}^{4}\ \Phi_{13}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{4}$
32961	760	315	$\frac{1}{21}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{315}^{3}\ \Phi_{105}^{3}\ \Phi_{45}^{2}\ \Phi_{35}^{3}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
32962	760	1140	$\frac{1}{20}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{285}\ \Phi_{228}\ \Phi_{114}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
32963	760	168	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{168}^{6}\ \Phi_{84}^{6}\ \Phi_{56}^{6}\ \Phi_{28}^{6}\ \Phi_{24}^{4}\ \Phi_{21}^{2}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
32964	760	381	$\frac{16}{381}$	$\frac{73}{381}$	$\frac{77}{381}$	$\frac{1}{3}$	$\Phi_{381}^{2}\ \Phi_{127}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
32965	760	705	$\frac{2}{47}$	$\frac{9}{47}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{705}^{2}\ \Phi_{15}^{3}$
32966	760	60	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{60}^{12}\ \Phi_{30}^{10}\ \Phi_{20}^{16}\ \Phi_{15}^{11}\ \Phi_{12}^{12}\ \Phi_{10}^{14}\ \Phi_{6}^{12}\ \Phi_{5}^{14}\ \Phi_{4}^{16}\ \Phi_{3}^{12}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
32967	760	1155	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{55}$
32968	760	273	$\frac{2}{21}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{273}^{3}\ \Phi_{91}^{3}\ \Phi_{39}\ \Phi_{21}^{4}\ \Phi_{13}\ \Phi_{7}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
32969	760	90	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{90}^{12}\ \Phi_{45}^{8}\ \Phi_{30}^{6}\ \Phi_{18}^{12}\ \Phi_{15}^{4}\ \Phi_{10}^{6}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
32970	760	330	$\frac{13}{165}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{330}^{3}\ \Phi_{165}^{2}\ \Phi_{110}^{3}\ \Phi_{66}^{3}\ \Phi_{55}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{3}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
32971	760	126	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{126}^{9}\ \Phi_{63}^{6}\ \Phi_{42}^{6}\ \Phi_{21}^{4}\ \Phi_{18}^{3}\ \Phi_{14}^{6}\ \Phi_{9}^{2}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
32972	760	138	$\frac{3}{46}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{43}{138}$	$\Phi_{138}^{8}\ \Phi_{69}^{8}\ \Phi_{23}\ \Phi_{6}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{2}$
32973	760	23	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{4}{23}$	$\frac{7}{23}$	$\Phi_{23}^{33}\ \Phi_{1}^{34}$
32974	760	99	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{99}^{10}\ \Phi_{11}^{9}\ \Phi_{9}^{10}\ \Phi_{1}^{10}$
32975	760	351	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{3}{13}$	$\frac{8}{27}$	$\Phi_{351}^{3}\ \Phi_{27}^{4}\ \Phi_{13}^{3}\ \Phi_{1}^{4}$
32976	760	1485	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{1485}\ \Phi_{55}$
32977	760	351	$\frac{4}{39}$	$\frac{1}{9}$	$\frac{7}{39}$	$\frac{8}{27}$	$\Phi_{351}^{3}\ \Phi_{39}\ \Phi_{27}^{4}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
32978	760	54	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{54}^{24}\ \Phi_{27}^{16}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
32979	760	231	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{41}{231}$	$\frac{67}{231}$	$\Phi_{231}^{3}\ \Phi_{77}^{4}\ \Phi_{33}^{3}\ \Phi_{21}^{3}\ \Phi_{11}^{3}\ \Phi_{7}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
32980	760	108	$\frac{1}{9}$	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{108}^{8}\ \Phi_{54}^{8}\ \Phi_{36}^{8}\ \Phi_{27}^{8}\ \Phi_{18}^{3}\ \Phi_{12}^{8}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{8}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
32981	760	1155	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{77}\ \Phi_{33}$
32982	760	102	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{4}{17}$	$\frac{13}{51}$	$\Phi_{102}^{9}\ \Phi_{51}^{5}\ \Phi_{34}^{9}\ \Phi_{17}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
32983	760	312	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{3}{13}$	$\Phi_{312}^{3}\ \Phi_{156}^{3}\ \Phi_{104}^{3}\ \Phi_{52}^{3}\ \Phi_{24}^{4}\ \Phi_{13}^{3}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
32984	760	90	$\frac{1}{9}$	$\frac{7}{45}$	$\frac{1}{6}$	$\frac{2}{9}$	$\Phi_{90}^{12}\ \Phi_{45}^{8}\ \Phi_{30}^{12}\ \Phi_{18}^{3}\ \Phi_{15}^{8}\ \Phi_{10}^{12}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{8}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
32985	760	1320	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{220}\ \Phi_{55}$
32986	760	312	$\frac{4}{39}$	$\frac{1}{6}$	$\frac{7}{39}$	$\frac{5}{24}$	$\Phi_{312}^{3}\ \Phi_{156}^{3}\ \Phi_{104}^{3}\ \Phi_{52}^{3}\ \Phi_{39}\ \Phi_{24}^{4}\ \Phi_{13}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
32987	760	72	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{72}^{15}\ \Phi_{36}^{15}\ \Phi_{24}^{10}\ \Phi_{18}^{3}\ \Phi_{12}^{10}\ \Phi_{9}^{2}\ \Phi_{8}^{10}\ \Phi_{6}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
32988	761	1216	$\frac{1}{152}$	$\frac{153}{608}$	$\frac{455}{1216}$	$\frac{151}{304}$	$\Phi_{1216}\ \Phi_{304}\ \Phi_{64}\ \Phi_{16}\ \Phi_{1}$
32989	761	1504	$\frac{9}{752}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{743}{1504}$	$\Phi_{1504}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
32990	761	1500	$\frac{11}{750}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{739}{1500}$	$\Phi_{1500}\ \Phi_{500}\ \Phi_{300}\ \Phi_{100}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
32991	761	1020	$\frac{4}{255}$	$\frac{1}{5}$	$\frac{259}{1020}$	$\frac{251}{510}$	$\Phi_{1020}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
32992	761	1488	$\frac{17}{744}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{727}{1488}$	$\Phi_{1488}\ \Phi_{496}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
32993	761	1440	$\frac{1}{40}$	$\frac{41}{720}$	$\frac{679}{1440}$	$\frac{39}{80}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
32994	761	960	$\frac{1}{40}$	$\frac{41}{240}$	$\frac{199}{960}$	$\frac{39}{80}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
32995	761	1024	$\frac{7}{256}$	$\frac{1}{8}$	$\frac{263}{1024}$	$\frac{249}{512}$	$\Phi_{1024}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
32996	761	1472	$\frac{25}{736}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{711}{1472}$	$\Phi_{1472}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
32997	761	850	$\frac{4}{85}$	$\frac{89}{850}$	$\frac{1}{5}$	$\frac{81}{170}$	$\Phi_{850}\ \Phi_{425}\ \Phi_{85}\ \Phi_{50}\ \Phi_{25}\ \Phi_{17}\ \Phi_{1}$
32998	761	1440	$\frac{1}{20}$	$\frac{41}{720}$	$\frac{19}{60}$	$\frac{679}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{60}\ \Phi_{32}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
32999	761	1440	$\frac{41}{720}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{679}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{45}\ \Phi_{32}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
33000	761	1440	$\frac{41}{720}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{679}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
33001	761	1040	$\frac{1}{20}$	$\frac{19}{260}$	$\frac{279}{1040}$	$\frac{241}{520}$	$\Phi_{1040}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
33002	761	1408	$\frac{57}{704}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{647}{1408}$	$\Phi_{1408}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
33003	761	880	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{119}{880}$	$\frac{101}{220}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
33004	761	1400	$\frac{61}{700}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{639}{1400}$	$\Phi_{1400}\ \Phi_{280}\ \Phi_{200}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
33005	761	810	$\frac{49}{810}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{81}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
33006	761	1368	$\frac{1}{38}$	$\frac{77}{684}$	$\frac{37}{114}$	$\frac{607}{1368}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{152}\ \Phi_{114}\ \Phi_{72}\ \Phi_{57}\ \Phi_{24}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
33007	761	1360	$\frac{4}{85}$	$\frac{81}{680}$	$\frac{1}{5}$	$\frac{599}{1360}$	$\Phi_{1360}\ \Phi_{272}\ \Phi_{85}\ \Phi_{80}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
33008	761	840	$\frac{79}{840}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{140}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
33009	761	1344	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{672}$	$\frac{583}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
33010	761	1064	$\frac{1}{38}$	$\frac{37}{266}$	$\frac{303}{1064}$	$\frac{229}{532}$	$\Phi_{1064}\ \Phi_{266}\ \Phi_{152}\ \Phi_{133}\ \Phi_{56}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
33011	761	1320	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{660}$	$\frac{559}{1320}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
33012	761	1280	$\frac{1}{40}$	$\frac{121}{640}$	$\frac{39}{160}$	$\frac{519}{1280}$	$\Phi_{1280}\ \Phi_{256}\ \Phi_{160}\ \Phi_{80}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
33013	761	1280	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{121}{640}$	$\frac{519}{1280}$	$\Phi_{1280}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
33014	761	960	$\frac{1}{40}$	$\frac{199}{960}$	$\frac{39}{160}$	$\frac{121}{320}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
33015	761	780	$\frac{19}{780}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
33016	761	1200	$\frac{1}{40}$	$\frac{39}{200}$	$\frac{161}{600}$	$\frac{439}{1200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
33017	761	840	$\frac{1}{20}$	$\frac{79}{840}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
33018	761	1152	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{185}{576}$	$\frac{391}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
33019	761	912	$\frac{1}{38}$	$\frac{151}{912}$	$\frac{37}{114}$	$\frac{77}{228}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{152}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
33020	761	1140	$\frac{1}{95}$	$\frac{94}{285}$	$\frac{379}{1140}$	$\frac{191}{570}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
33021	761	1026	$\frac{1}{38}$	$\frac{77}{342}$	$\frac{265}{1026}$	$\frac{37}{114}$	$\Phi_{1026}\ \Phi_{513}\ \Phi_{114}\ \Phi_{57}\ \Phi_{54}\ \Phi_{27}\ \Phi_6\ \Phi_3\ \Phi_1$
33022	761	1125	$\frac{11}{375}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{364}{1125}$	$\Phi_{1125}\ \Phi_{225}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
33023	761	1080	$\frac{1}{20}$	$\frac{41}{360}$	$\frac{319}{1080}$	$\frac{19}{60}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
33024	761	900	$\frac{1}{20}$	$\frac{139}{900}$	$\frac{41}{180}$	$\frac{19}{60}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
33025	761	960	$\frac{1}{20}$	$\frac{41}{240}$	$\frac{199}{960}$	$\frac{19}{60}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{32}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
33026	761	990	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{229}{990}$	$\frac{101}{330}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{198}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
33027	761	1080	$\frac{4}{45}$	$\frac{41}{360}$	$\frac{1}{5}$	$\frac{319}{1080}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
33028	761	864	$\frac{103}{864}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{144}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
33029	761	1050	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{350}$	$\frac{289}{1050}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{210}\ \Phi_{150}\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
33030	761	900	$\frac{11}{150}$	$\frac{139}{900}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{100}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
33031	761	825	$\frac{64}{825}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_3\ \Phi_1$
33032	761	1020	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{81}{340}$	$\frac{259}{1020}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{204}\ \Phi_{102}\ \Phi_{85}\ \Phi_{60}\ \Phi_{51}\ \Phi_{30}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
33033	761	900	$\frac{4}{45}$	$\frac{139}{900}$	$\frac{1}{5}$	$\frac{41}{180}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
33034	761	960	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{240}$	$\frac{199}{960}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
33035	762	1260	$\frac{1}{126}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{125}{252}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}^2\ \Phi_{180}\ \Phi_{140}\ \Phi_{84}^2\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
33036	762	252	$\frac{1}{126}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{125}{252}$	$\Phi_{252}^2\ \Phi_{126}^4\ \Phi_{84}^2\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_{9}^4\ \Phi_{7}^4\ \Phi_{6}^5\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
33037	762	340	$\frac{1}{85}$	$\frac{1}{4}$	$\frac{43}{170}$	$\frac{42}{85}$	$\Phi_{340}^3\ \Phi_{170}\ \Phi_{85}^2\ \Phi_{68}^3\ \Phi_{34}\ \Phi_{20}^3\ \Phi_{17}^2\ \Phi_{10}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
33038	762	500	$\frac{2}{125}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{123}{250}$	$\Phi_{500}^2\ \Phi_{125}^2\ \Phi_{100}^2\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
33039	762	612	$\frac{1}{51}$	$\frac{26}{153}$	$\frac{1}{4}$	$\frac{25}{51}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{36}^2\ \Phi_{34}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{6}$
33040	762	1736	$\frac{3}{124}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{121}{248}$	$\Phi_{1736}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
33041	762	240	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{113}{240}$	$\Phi_{240}^6\ \Phi_{80}^6\ \Phi_{60}\ \Phi_{48}^6\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}^6\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
33042	762	1680	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{113}{240}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
33043	762	136	$\frac{1}{17}$	$\frac{9}{136}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{136}^6\ \Phi_{68}^5\ \Phi_{34}^5\ \Phi_{17}^6\ \Phi_{8}^6\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
33044	762	540	$\frac{8}{135}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
33045	762	476	$\frac{1}{17}$	$\frac{8}{119}$	$\frac{1}{4}$	$\frac{111}{238}$	$\Phi_{476}^2\ \Phi_{119}^2\ \Phi_{68}^3\ \Phi_{34}\ \Phi_{28}^2\ \Phi_{17}^2\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{1}^2$
33046	762	224	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1}{7}$	$\frac{97}{224}$	$\Phi_{224}^6\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}^6\ \Phi_{28}\ \Phi_{14}$
33047	762	645	$\frac{2}{129}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{645}\ \Phi_{215}\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_{5}\ \Phi_{1}^2$
33048	762	945	$\frac{1}{63}$	$\frac{1}{5}$	$\frac{62}{189}$	$\frac{2}{5}$	$\Phi_{945}\ \Phi_{189}^2\ \Phi_{135}\ \Phi_{27}^2\ \Phi_{5}\ \Phi_{1}^2$
33049	762	260	$\frac{3}{130}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{260}^4\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{52}^4\ \Phi_{26}^2\ \Phi_{20}^3\ \Phi_{13}^2\ \Phi_{10}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
33050	762	840	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{41}{168}$	$\frac{2}{5}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
33051	762	660	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{110}\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
33052	762	665	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{665}\ \Phi_{133}^2\ \Phi_{95}\ \Phi_{19}^2\ \Phi_{5}\ \Phi_{1}^2$
33053	762	735	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}^2\ \Phi_{49}^2\ \Phi_{5}\ \Phi_{1}^2$
33054	762	720	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}^2\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
33055	762	135	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{135}^6\ \Phi_{45}^5\ \Phi_{27}^6\ \Phi_{15}^5\ \Phi_{9}^4\ \Phi_{5}^6\ \Phi_{3}^4\ \Phi_{1}^6$
33056	762	140	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{140}^6\ \Phi_{70}^5\ \Phi_{35}^5\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_{7}^4\ \Phi_{5}^6\ \Phi_{4}^6\ \Phi_{2}^4\ \Phi_{1}^6$
33057	762	204	$\frac{1}{51}$	$\frac{25}{102}$	$\frac{1}{4}$	$\frac{77}{204}$	$\Phi_{204}^3\ \Phi_{102}^5\ \Phi_{68}^3\ \Phi_{51}^4\ \Phi_{34}^5\ \Phi_{17}^4\ \Phi_{12}^3\ \Phi_{6}^5\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
33058	762	1344	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{31}{96}$	$\frac{65}{192}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
33059	762	516	$\frac{2}{129}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{516}^2\ \Phi_{258}^2\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{12}\ \Phi_{6}$
33060	762	756	$\frac{1}{63}$	$\frac{1}{4}$	$\frac{62}{189}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{12}\ \Phi_{6}$
33061	762	168	$\frac{1}{42}$	$\frac{41}{168}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^6\ \Phi_{84}^2\ \Phi_{56}^6\ \Phi_{42}^4\ \Phi_{28}^2\ \Phi_{24}^6\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_{8}^6\ \Phi_{7}^4\ \Phi_{6}^5\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
33062	762	1044	$\frac{7}{261}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{58}\ \Phi_{12}\ \Phi_{6}$
33063	762	1260	$\frac{2}{63}$	$\frac{61}{315}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
33064	762	132	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^6\ \Phi_{66}^6\ \Phi_{44}^6\ \Phi_{33}^6\ \Phi_{22}^6\ \Phi_{12}^3\ \Phi_{11}^6\ \Phi_{6}^5\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
33065	762	1596	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{228}\ \Phi_{114}\ \Phi_{12}\ \Phi_{6}$
33066	762	588	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{12}\ \Phi_{6}$
33067	762	144	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{144}^6\ \Phi_{72}^6\ \Phi_{48}^6\ \Phi_{36}^2\ \Phi_{24}^6\ \Phi_{18}^4\ \Phi_{16}^6\ \Phi_{12}^3\ \Phi_{9}^4\ \Phi_{8}^6\ \Phi_{6}^5\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
33068	762	540	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
33069	762	1092	$\frac{19}{273}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{182}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}\ \Phi_{12}\ \Phi_{6}$
33070	762	420	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{105}^{3}\ \Phi_{84}\ \Phi_{60}^{3}\ \Phi_{42}^{2}\ \Phi_{30}^{3}\ \Phi_{21}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
33071	762	1500	$\frac{4}{125}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{121}{375}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{300}\ \Phi_{150}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
33072	762	180	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{4}$	$\frac{53}{180}$	$\Phi_{180}^{6}\ \Phi_{90}^{6}\ \Phi_{60}\ \Phi_{45}^{6}\ \Phi_{36}^{6}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^{6}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}^{6}\ \Phi_{6}$
33073	762	1008	$\frac{17}{144}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
33074	762	1428	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{1}{4}$	$\frac{103}{357}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{204}\ \Phi_{102}\ \Phi_{84}\ \Phi_{68}\ \Phi_{42}\ \Phi_{34}\ \Phi_{12}\ \Phi_{6}$
33075	762	300	$\frac{1}{15}$	$\frac{23}{150}$	$\frac{7}{30}$	$\frac{1}{4}$	$\Phi_{300}^{4}\ \Phi_{150}^{2}\ \Phi_{100}^{4}\ \Phi_{75}^{2}\ \Phi_{60}\ \Phi_{50}^{2}\ \Phi_{30}\ \Phi_{25}^{2}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
33076	762	1100	$\frac{21}{275}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{220}\ \Phi_{110}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
33077	762	300	$\frac{2}{25}$	$\frac{23}{150}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{300}^{4}\ \Phi_{150}^{2}\ \Phi_{100}^{2}\ \Phi_{75}^{2}\ \Phi_{60}^{4}\ \Phi_{30}^{2}\ \Phi_{25}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
33078	762	1120	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{40}$	$\frac{33}{160}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
33079	763	1020	$\frac{2}{255}$	$\frac{257}{1020}$	$\frac{1}{3}$	$\frac{253}{510}$	$\Phi_{1020}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
33080	763	216	$\frac{1}{108}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{107}{216}$	$\Phi_{216}^{7}\ \Phi_{72}^{7}\ \Phi_{24}^{7}\ \Phi_{12}\ \Phi_{8}^{7}\ \Phi_{4}\ \Phi_{1}$
33081	763	216	$\frac{1}{108}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{107}{216}$	$\Phi_{216}^{7}\ \Phi_{72}^{7}\ \Phi_{24}^{7}\ \Phi_{9}\ \Phi_{8}^{7}\ \Phi_{1}$
33082	763	918	$\frac{2}{153}$	$\frac{155}{918}$	$\frac{1}{3}$	$\frac{151}{306}$	$\Phi_{918}\ \Phi_{459}\ \Phi_{153}\ \Phi_{54}\ \Phi_{51}\ \Phi_{27}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
33083	763	1500	$\frac{13}{750}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{737}{1500}$	$\Phi_{1500}\ \Phi_{500}\ \Phi_{300}\ \Phi_{100}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
33084	763	1488	$\frac{19}{744}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{725}{1488}$	$\Phi_{1488}\ \Phi_{496}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
33085	763	840	$\frac{4}{105}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{101}{210}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}^{2}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
33086	763	816	$\frac{2}{51}$	$\frac{53}{816}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_{17}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
33087	763	810	$\frac{2}{45}$	$\frac{47}{810}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{81}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
33088	763	264	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{23}{132}$	$\frac{21}{44}$	$\Phi_{264}^{4}\ \Phi_{132}^{3}\ \Phi_{88}^{2}\ \Phi_{66}^{3}\ \Phi_{44}^{2}\ \Phi_{33}^{3}\ \Phi_{24}^{4}\ \Phi_{22}\ \Phi_{12}^{3}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
33089	763	1440	$\frac{2}{45}$	$\frac{43}{720}$	$\frac{1}{3}$	$\frac{677}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{45}\ \Phi_{32}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
33090	763	1440	$\frac{43}{720}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{677}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
33091	763	204	$\frac{2}{51}$	$\frac{7}{102}$	$\frac{1}{3}$	$\frac{95}{204}$	$\Phi_{204}^{7}\ \Phi_{68}^{7}\ \Phi_{51}\ \Phi_{17}\ \Phi_{12}^{7}\ \Phi_{4}^{7}\ \Phi_{1}$
33092	763	200	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{91}{200}$	$\Phi_{200}^{3}\ \Phi_{100}^{4}\ \Phi_{50}^{4}\ \Phi_{40}^{5}\ \Phi_{25}^{4}\ \Phi_{20}^{6}\ \Phi_{10}^{5}\ \Phi_{8}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
33093	763	120	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{120}^{7}\ \Phi_{60}^{7}\ \Phi_{40}^{5}\ \Phi_{30}^{7}\ \Phi_{24}^{7}\ \Phi_{20}^{6}\ \Phi_{15}^{7}\ \Phi_{12}^{7}\ \Phi_{10}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{7}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{7}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
33094	763	792	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{8}$	$\frac{89}{198}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}^{2}\ \Phi_{72}\ \Phi_{44}^{2}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
33095	763	780	$\frac{17}{780}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
33096	763	127	$\frac{8}{127}$	$\frac{17}{127}$	$\frac{18}{127}$	$\frac{55}{127}$	$\Phi_{127}^{6}\ \Phi_{1}^{7}$
33097	763	192	$\frac{5}{96}$	$\frac{13}{96}$	$\frac{1}{6}$	$\frac{83}{192}$	$\Phi_{192}^{7}\ \Phi_{96}\ \Phi_{64}^{7}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
33098	763	444	$\frac{2}{111}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{444}^{3}\ \Phi_{148}^{3}\ \Phi_{111}\ \Phi_{37}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
33099	763	324	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{53}{162}$	$\frac{5}{12}$	$\Phi_{324}^{6}\ \Phi_{162}\ \Phi_{81}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
33100	763	336	$\frac{3}{112}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{112}^{3}\ \Phi_{84}^{2}\ \Phi_{56}^{3}\ \Phi_{48}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{3}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{16}^{3}\ \Phi_{14}^{3}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}\ \Phi_{1}$
33101	763	144	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{35}{144}$	$\frac{5}{12}$	$\Phi_{144}^{7}\ \Phi_{72}^{7}\ \Phi_{48}^{7}\ \Phi_{24}^{7}\ \Phi_{16}^{7}\ \Phi_{12}\ \Phi_{8}^{7}\ \Phi_{4}\ \Phi_{1}$
33102	763	792	$\frac{29}{792}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
33103	763	540	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{26}{135}$	$\frac{5}{12}$	$\Phi_{540}^3\ \Phi_{180}^3\ \Phi_{135}\ \Phi_{60}^3\ \Phi_{45}\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
33104	763	228	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{228}^6\ \Phi_{114}\ \Phi_{76}^6\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{12}\ \Phi_4\ \Phi_1$
33105	763	252	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{252}^6\ \Phi_{126}\ \Phi_{84}^6\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}^6\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
33106	763	864	$\frac{7}{108}$	$\frac{101}{864}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
33107	763	468	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{468}^3\ \Phi_{156}^3\ \Phi_{117}\ \Phi_{52}^3\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
33108	763	120	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{120}^7\ \Phi_{60}^7\ \Phi_{40}^7\ \Phi_{30}^7\ \Phi_{24}^7\ \Phi_{20}^7\ \Phi_{15}^7\ \Phi_{12}\ \Phi_{10}^7\ \Phi_8^7\ \Phi_5^7\ \Phi_4\ \Phi_1$
33109	763	774	$\frac{11}{774}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{774}\ \Phi_{387}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}\ \Phi_{43}\ \Phi_9\ \Phi_1$
33110	763	176	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{21}{88}$	$\frac{67}{176}$	$\Phi_{176}^7\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{16}^7\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
33111	763	1224	$\frac{2}{153}$	$\frac{151}{612}$	$\frac{1}{3}$	$\frac{461}{1224}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}\ \Phi_{51}\ \Phi_{24}\ \Phi_{17}\ \Phi_9\ \Phi_8\ \Phi_1$
33112	763	1152	$\frac{5}{192}$	$\frac{1}{6}$	$\frac{187}{576}$	$\frac{389}{1152}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
33113	763	333	$\frac{2}{111}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{333}^3\ \Phi_{111}\ \Phi_{37}\ \Phi_9\ \Phi_1$
33114	763	162	$\frac{1}{54}$	$\frac{2}{9}$	$\frac{53}{162}$	$\frac{1}{3}$	$\Phi_{162}^7\ \Phi_{81}^7\ \Phi_9\ \Phi_1$
33115	763	1125	$\frac{13}{375}$	$\frac{2}{15}$	$\frac{362}{1125}$	$\frac{1}{3}$	$\Phi_{1125}\ \Phi_{225}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
33116	763	1080	$\frac{2}{45}$	$\frac{43}{360}$	$\frac{317}{1080}$	$\frac{1}{3}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
33117	763	153	$\frac{2}{51}$	$\frac{7}{51}$	$\frac{44}{153}$	$\frac{1}{3}$	$\Phi_{153}^7\ \Phi_{51}\ \Phi_{17}\ \Phi_9^7\ \Phi_1$
33118	763	783	$\frac{20}{783}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{783}\ \Phi_{261}\ \Phi_{87}\ \Phi_{29}\ \Phi_9\ \Phi_1$
33119	763	1008	$\frac{3}{112}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
33120	763	144	$\frac{1}{36}$	$\frac{2}{9}$	$\frac{35}{144}$	$\frac{1}{3}$	$\Phi_{144}^7\ \Phi_{72}^7\ \Phi_{48}^7\ \Phi_{24}^7\ \Phi_{16}^7\ \Phi_9\ \Phi_8^7\ \Phi_1$
33121	763	900	$\frac{2}{45}$	$\frac{137}{900}$	$\frac{43}{180}$	$\frac{1}{3}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
33122	763	792	$\frac{29}{792}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_9\ \Phi_8\ \Phi_1$
33123	763	135	$\frac{1}{27}$	$\frac{26}{135}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{135}^7\ \Phi_{45}^7\ \Phi_{15}^7\ \Phi_9\ \Phi_5^7\ \Phi_1$
33124	763	342	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{342}^3\ \Phi_{171}^3\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_9\ \Phi_1$
33125	763	126	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{126}^7\ \Phi_{63}^7\ \Phi_{42}^7\ \Phi_{21}^7\ \Phi_{14}^7\ \Phi_9\ \Phi_7^7\ \Phi_1$
33126	763	810	$\frac{47}{810}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{90}\ \Phi_{81}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
33127	763	864	$\frac{7}{108}$	$\frac{101}{864}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
33128	763	117	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{117}^7\ \Phi_{39}^7\ \Phi_{13}^7\ \Phi_9\ \Phi_1$
33129	763	360	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}\ \Phi_{45}^3\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
33130	763	825	$\frac{62}{825}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_5\ \Phi_1$
33131	763	900	$\frac{13}{150}$	$\frac{2}{15}$	$\frac{137}{900}$	$\frac{1}{3}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{100}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
33132	763	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{23}{132}$	$\frac{10}{33}$	$\Phi_{264}^3\ \Phi_{132}^2\ \Phi_{88}^4\ \Phi_{66}^2\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^3\ \Phi_{12}^2\ \Phi_{11}^3\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
33133	763	864	$\frac{5}{48}$	$\frac{101}{864}$	$\frac{1}{6}$	$\frac{43}{144}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
33134	763	127	$\frac{15}{127}$	$\frac{16}{127}$	$\frac{18}{127}$	$\frac{37}{127}$	$\Phi_{127}^6\ \Phi_1^7$
33135	763	600	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{50}$	$\frac{41}{150}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{150}\ \Phi_{120}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
33136	763	120	$\frac{11}{120}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{40}^7\ \Phi_{30}^6\ \Phi_{24}^6\ \Phi_{20}^7\ \Phi_{15}^7\ \Phi_{12}^6\ \Phi_{10}^7\ \Phi_8^6\ \Phi_6^6\ \Phi_5^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
33137	763	280	$\frac{4}{35}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{31}{140}$	$\Phi_{280}^3\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^4\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_{8}^3\ \Phi_{7}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
33138	763	960	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{240}$	$\frac{197}{960}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
33139	764	1140	$\frac{1}{190}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{189}{380}$	$\Phi_{1140}\ \Phi_{380}^2\ \Phi_{228}\ \Phi_{76}^2\ \Phi_{60}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
33140	764	327	$\frac{1}{109}$	$\frac{55}{327}$	$\frac{136}{327}$	$\frac{54}{109}$	$\Phi_{327}^2\ \Phi_{109}^3\ \Phi_{3}^2\ \Phi_{1}^4$
33141	764	378	$\frac{2}{189}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{187}{378}$	$\Phi_{378}^4\ \Phi_{126}^4\ \Phi_{54}^4\ \Phi_{42}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{7}\ \Phi_{6}^4\ \Phi_{2}^4\ \Phi_{1}^2$
33142	764	1890	$\frac{2}{189}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{187}{378}$	$\Phi_{1890}\ \Phi_{630}\ \Phi_{270}\ \Phi_{210}\ \Phi_{90}\ \Phi_{70}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
33143	764	1280	$\frac{1}{64}$	$\frac{1}{5}$	$\frac{65}{256}$	$\frac{63}{128}$	$\Phi_{1280}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
33144	764	1880	$\frac{3}{188}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{185}{376}$	$\Phi_{1880}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
33145	764	1860	$\frac{5}{186}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{181}{372}$	$\Phi_{1860}\ \Phi_{620}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
33146	764	1840	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{177}{368}$	$\Phi_{1840}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
33147	764	231	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{40}{231}$	$\frac{37}{77}$	$\Phi_{231}^4\ \Phi_{77}^2\ \Phi_{33}^4\ \Phi_{21}^4\ \Phi_{11}^2\ \Phi_{7}\ \Phi_{3}^4\ \Phi_{1}^2$
33148	764	735	$\frac{29}{735}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{353}{735}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
33149	764	360	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{169}{360}$	$\Phi_{360}^4\ \Phi_{120}^4\ \Phi_{72}^4\ \Phi_{60}\ \Phi_{40}^4\ \Phi_{30}\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}^4$
33150	764	1760	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{1}{5}$	$\frac{161}{352}$	$\Phi_{1760}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
33151	764	210	$\frac{3}{35}$	$\frac{19}{210}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_{7}\ \Phi_{6}^4\ \Phi_{5}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^2$
33152	764	350	$\frac{3}{35}$	$\frac{16}{175}$	$\frac{1}{7}$	$\frac{159}{350}$	$\Phi_{350}^4\ \Phi_{70}^4\ \Phi_{50}^4\ \Phi_{35}^2\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{2}^4\ \Phi_{1}^2$
33153	764	693	$\frac{6}{77}$	$\frac{71}{693}$	$\frac{1}{7}$	$\frac{311}{693}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{99}\ \Phi_{77}^2\ \Phi_{63}\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}^2\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^2$
33154	764	1680	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{1}{5}$	$\frac{145}{336}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
33155	764	567	$\frac{4}{189}$	$\frac{1}{7}$	$\frac{185}{567}$	$\frac{3}{7}$	$\Phi_{567}^2\ \Phi_{81}^2\ \Phi_{7}\ \Phi_{1}^2$
33156	764	196	$\frac{5}{196}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{196}^4\ \Phi_{98}^4\ \Phi_{49}^4\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_{7}\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^2$
33157	764	252	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{61}{252}$	$\frac{3}{7}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{7}\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^2$
33158	764	399	$\frac{17}{399}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{399}^2\ \Phi_{133}^2\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_{7}\ \Phi_{1}^2$
33159	764	441	$\frac{4}{63}$	$\frac{59}{441}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{441}^2\ \Phi_{147}^2\ \Phi_{49}^2\ \Phi_{7}\ \Phi_{1}^2$
33160	764	210	$\frac{19}{210}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_{7}\ \Phi_{6}^4\ \Phi_{5}^4\ \Phi_{2}^4\ \Phi_{1}^2$
33161	764	320	$\frac{1}{32}$	$\frac{31}{160}$	$\frac{1}{5}$	$\frac{129}{320}$	$\Phi_{320}^4\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}^4\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
33162	764	308	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{37}{154}$	$\frac{117}{308}$	$\Phi_{308}^4\ \Phi_{77}^2\ \Phi_{44}^4\ \Phi_{28}^4\ \Phi_{11}^2\ \Phi_{7}\ \Phi_{4}^4\ \Phi_{1}^2$
33163	764	1440	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{47}{144}$	$\frac{97}{288}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
33164	764	285	$\frac{1}{95}$	$\frac{94}{285}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{285}^3\ \Phi_{95}^2\ \Phi_{57}^3\ \Phi_{19}^2\ \Phi_{15}^3\ \Phi_{5}^2\ \Phi_{3}^4\ \Phi_{1}^4$
33165	764	195	$\frac{4}{195}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^4\ \Phi_{65}^4\ \Phi_{39}^4\ \Phi_{15}^3\ \Phi_{13}^4\ \Phi_{5}^2\ \Phi_{3}^4\ \Phi_{1}^4$
33166	764	228	$\frac{1}{38}$	$\frac{37}{228}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{228}^4\ \Phi_{114}^3\ \Phi_{76}^4\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{12}^4\ \Phi_{6}^3\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
33167	764	600	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}^2\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
33168	764	627	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{627}\ \Phi_{209}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_{3}\ \Phi_{1}^2$
33169	764	1260	$\frac{2}{63}$	$\frac{1}{5}$	$\frac{61}{252}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
33170	764	990	$\frac{7}{198}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}\ \Phi_{55}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
33171	764	1080	$\frac{2}{27}$	$\frac{25}{216}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
33172	764	210	$\frac{19}{210}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^4\ \Phi_{105}^3\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^3\ \Phi_{30}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
33173	764	231	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{40}{231}$	$\frac{71}{231}$	$\Phi_{231}^3\ \Phi_{77}^4\ \Phi_{33}^3\ \Phi_{21}^3\ \Phi_{11}^4\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
33174	764	1080	$\frac{1}{12}$	$\frac{25}{216}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{135}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
33175	764	210	$\frac{19}{210}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{210}^4\ \Phi_{105}^3\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^3\ \Phi_6^4\ \Phi_5^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
33176	764	525	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{32}{175}$	$\frac{143}{525}$	$\Phi_{525}^2\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
33177	764	236	$\frac{3}{59}$	$\frac{45}{236}$	$\frac{14}{59}$	$\frac{1}{4}$	$\Phi_{236}^3\ \Phi_{118}^3\ \Phi_{59}^4\ \Phi_4^2\ \Phi_2^2\ \Phi_1^4$
33178	764	245	$\frac{29}{245}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{54}{245}$	$\Phi_{245}^3\ \Phi_{49}^3\ \Phi_{35}^4\ \Phi_7^3\ \Phi_5^4\ \Phi_1^4$
33179	764	240	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{49}{240}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{30}\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{15}\ \Phi_{10}\ \Phi_8^4$
33180	765	304	$\frac{1}{152}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{151}{304}$	$\Phi_{304}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
33181	765	1024	$\frac{3}{256}$	$\frac{1}{4}$	$\frac{259}{1024}$	$\frac{253}{512}$	$\Phi_{1024}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
33182	765	336	$\frac{1}{84}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{83}{168}$	$\Phi_{336}^4\ \Phi_{168}\ \Phi_{112}^4\ \Phi_{56}\ \Phi_{48}^4\ \Phi_{24}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
33183	765	168	$\frac{1}{84}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{83}{168}$	$\Phi_{168}^9\ \Phi_{56}^9\ \Phi_{24}^9\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
33184	765	1504	$\frac{13}{752}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{739}{1504}$	$\Phi_{1504}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
33185	765	700	$\frac{1}{50}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{49}{100}$	$\Phi_{350}^2\ \Phi_{175}^2\ \Phi_{100}\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{25}^2\ \Phi_{20}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
33186	765	700	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{49}{100}$	$\Phi_{700}^2\ \Phi_{140}^2\ \Phi_{100}^3\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
33187	765	300	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{49}{100}$	$\Phi_{300}^2\ \Phi_{150}^4\ \Phi_{100}\ \Phi_{75}^4\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{30}^4\ \Phi_{25}^2\ \Phi_{20}\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_6^5\ \Phi_5^2\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
33188	765	352	$\frac{1}{44}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{43}{88}$	$\Phi_{352}^4\ \Phi_{88}\ \Phi_{32}^5\ \Phi_8\ \Phi_1$
33189	765	264	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{43}{88}$	$\Phi_{264}^4\ \Phi_{132}^4\ \Phi_{88}\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
33190	765	440	$\frac{1}{44}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{43}{88}$	$\Phi_{440}^4\ \Phi_{88}\ \Phi_{40}^4\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
33191	765	496	$\frac{7}{248}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{241}{496}$	$\Phi_{496}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
33192	765	1472	$\frac{29}{736}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{707}{1472}$	$\Phi_{1472}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
33193	765	294	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{47}{98}$	$\Phi_{294}^3\ \Phi_{147}^3\ \Phi_{49}^3\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{14}\ \Phi_7^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
33194	765	528	$\frac{1}{22}$	$\frac{23}{176}$	$\frac{1}{6}$	$\frac{21}{44}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}\ \Phi_{88}\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
33195	765	352	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{7}{22}$	$\frac{15}{32}$	$\Phi_{352}^4\ \Phi_{32}^5\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_2^2\ \Phi_1^3$
33196	765	32	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{32}^{45}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
33197	765	352	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{15}{32}$	$\Phi_{352}^4\ \Phi_{32}^5\ \Phi_{11}^4\ \Phi_1^5$
33198	765	480	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{480}^4\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
33199	765	858	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{133}{286}$	$\Phi_{858}\ \Phi_{429}\ \Phi_{143}\ \Phi_{78}\ \Phi_{66}^2\ \Phi_{39}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{13}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
33200	765	700	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{8}{25}$	$\frac{13}{28}$	$\Phi_{700}^2\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{28}^3\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_1^3$
33201	765	252	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{252}^2\ \Phi_{126}^4\ \Phi_{84}^2\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}\ \Phi_{21}^4\ \Phi_{18}^5\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_9^5\ \Phi_7^2\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
33202	765	1540	$\frac{1}{14}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{220}\ \Phi_{55}\ \Phi_{44}\ \Phi_{28}\ \Phi_{11}\ \Phi_4\ \Phi_1$
33203	765	168	$\frac{1}{14}$	$\frac{5}{56}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{168}^6\ \Phi_{84}^4\ \Phi_{56}^3\ \Phi_{42}^6\ \Phi_{28}^2\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{14}^3\ \Phi_{12}^4\ \Phi_8^3\ \Phi_7^3\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
33204	765	140	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{13}{28}$	$\Phi_{140}^4\ \Phi_{70}^6\ \Phi_{35}^6\ \Phi_{28}^5\ \Phi_{20}^7\ \Phi_{14}^6\ \Phi_{10}^8\ \Phi_7^6\ \Phi_5^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
33205	765	1408	$\frac{3}{64}$	$\frac{61}{704}$	$\frac{1}{4}$	$\frac{643}{1408}$	$\Phi_{1408}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
33206	765	840	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{6}$	$\frac{127}{280}$	$\Phi_{840}^{2}\ \Phi_{280}\ \Phi_{168}^{2}\ \Phi_{120}^{2}\ \Phi_{56}\ \Phi_{42}^{2}\ \Phi_{40}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
33207	765	1392	$\frac{2}{87}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1392}\ \Phi_{464}\ \Phi_{87}\ \Phi_{29}\ \Phi_{16}\ \Phi_{1}$
33208	765	1008	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{41}{126}$	$\frac{7}{16}$	$\Phi_{1008}^{2}\ \Phi_{144}^{2}\ \Phi_{126}\ \Phi_{63}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
33209	765	176	$\frac{3}{88}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{176}^{8}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}^{5}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
33210	765	112	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{27}{112}$	$\frac{7}{16}$	$\Phi_{112}^{5}\ \Phi_{56}^{9}\ \Phi_{28}^{8}\ \Phi_{16}^{6}\ \Phi_{14}^{8}\ \Phi_{8}^{9}\ \Phi_{7}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
33211	765	336	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{4}{21}$	$\frac{7}{16}$	$\Phi_{336}^{4}\ \Phi_{112}^{4}\ \Phi_{48}^{4}\ \Phi_{21}^{4}\ \Phi_{16}^{5}\ \Phi_{7}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
33212	765	144	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{144}^{10}\ \Phi_{48}^{8}\ \Phi_{18}^{5}\ \Phi_{16}^{9}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
33213	765	1456	$\frac{6}{91}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{1456}\ \Phi_{208}\ \Phi_{91}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
33214	765	784	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{98}$	$\frac{7}{16}$	$\Phi_{784}^{2}\ \Phi_{98}\ \Phi_{49}\ \Phi_{16}\ \Phi_{1}$
33215	765	96	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{96}^{9}\ \Phi_{48}^{5}\ \Phi_{32}^{9}\ \Phi_{24}^{9}\ \Phi_{16}^{6}\ \Phi_{12}^{8}\ \Phi_{8}^{9}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
33216	765	690	$\frac{1}{46}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{138}^{2}\ \Phi_{115}\ \Phi_{69}^{2}\ \Phi_{46}\ \Phi_{23}\ \Phi_{15}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
33217	765	448	$\frac{1}{32}$	$\frac{31}{224}$	$\frac{1}{4}$	$\frac{193}{448}$	$\Phi_{448}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
33218	765	264	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{1}{6}$	$\frac{37}{88}$	$\Phi_{264}^{6}\ \Phi_{88}^{3}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{6}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
33219	765	552	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{552}^{2}\ \Phi_{184}^{2}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
33220	765	191	$\frac{6}{191}$	$\frac{37}{191}$	$\frac{38}{191}$	$\frac{77}{191}$	$\Phi_{191}^{4}\ \Phi_{1}^{5}$
33221	765	256	$\frac{3}{128}$	$\frac{25}{128}$	$\frac{1}{4}$	$\frac{103}{256}$	$\Phi_{256}^{5}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
33222	765	55	$\frac{4}{55}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{55}^{14}\ \Phi_{11}^{13}\ \Phi_{5}^{15}\ \Phi_{1}^{15}$
33223	765	152	$\frac{1}{76}$	$\frac{1}{4}$	$\frac{25}{76}$	$\frac{3}{8}$	$\Phi_{152}^{8}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
33224	765	104	$\frac{1}{52}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{104}^{12}\ \Phi_{52}^{3}\ \Phi_{26}^{3}\ \Phi_{13}^{3}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
33225	765	760	$\frac{1}{38}$	$\frac{37}{190}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{760}^{2}\ \Phi_{190}\ \Phi_{95}\ \Phi_{40}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
33226	765	304	$\frac{5}{152}$	$\frac{49}{304}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{304}^{3}\ \Phi_{152}^{2}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
33227	765	160	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{160}^{5}\ \Phi_{80}^{5}\ \Phi_{40}^{5}\ \Phi_{32}^{5}\ \Phi_{20}^{5}\ \Phi_{16}^{5}\ \Phi_{10}^{5}\ \Phi_{8}\ \Phi_{5}^{5}\ \Phi_{1}$
33228	765	152	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{152}^{8}\ \Phi_{19}^{8}\ \Phi_{8}^{9}\ \Phi_{1}^{9}$
33229	765	360	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^{4}\ \Phi_{120}^{4}\ \Phi_{90}^{2}\ \Phi_{72}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
33230	765	112	$\frac{1}{16}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{112}^{8}\ \Phi_{56}^{7}\ \Phi_{28}^{7}\ \Phi_{16}^{3}\ \Phi_{14}^{7}\ \Phi_{8}^{3}\ \Phi_{7}^{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
33231	765	208	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{208}^{4}\ \Phi_{104}^{4}\ \Phi_{52}^{4}\ \Phi_{26}\ \Phi_{16}^{3}\ \Phi_{13}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
33232	765	128	$\frac{1}{64}$	$\frac{1}{4}$	$\frac{21}{64}$	$\frac{43}{128}$	$\Phi_{128}^{9}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
33233	765	348	$\frac{2}{87}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{348}^{2}\ \Phi_{174}^{2}\ \Phi_{116}^{2}\ \Phi_{87}^{3}\ \Phi_{58}^{2}\ \Phi_{29}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
33234	765	252	$\frac{1}{42}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{41}{126}$	$\Phi_{252}^{4}\ \Phi_{126}^{5}\ \Phi_{63}^{5}\ \Phi_{36}^{4}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
33235	765	175	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{8}{25}$	$\Phi_{175}^{4}\ \Phi_{35}^{4}\ \Phi_{25}^{6}\ \Phi_{7}^{6}\ \Phi_{5}^{6}\ \Phi_{1}^{9}$
33236	765	300	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{8}{25}$	$\Phi_{300}^{4}\ \Phi_{150}^{2}\ \Phi_{100}^{2}\ \Phi_{75}^{2}\ \Phi_{60}^{4}\ \Phi_{30}^{2}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{6}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
33237	765	191	$\frac{8}{191}$	$\frac{26}{191}$	$\frac{55}{191}$	$\frac{61}{191}$	$\Phi_{191}^{4}\ \Phi_{1}^{5}$
33238	765	264	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{7}{22}$	$\Phi_{264}^{4}\ \Phi_{132}^{4}\ \Phi_{66}^{4}\ \Phi_{33}^{4}\ \Phi_{24}^{5}\ \Phi_{22}^{2}\ \Phi_{12}^{5}\ \Phi_{11}^{2}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
33239	765	220	$\frac{1}{22}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{7}{22}$	$\Phi_{220}^{4}\ \Phi_{110}^{4}\ \Phi_{55}^{4}\ \Phi_{22}^{2}\ \Phi_{20}^{5}\ \Phi_{11}^{2}\ \Phi_{10}^{5}\ \Phi_{5}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
33240	765	66	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{5}{22}$	$\frac{7}{22}$	$\Phi_{66}^{14}\ \Phi_{33}^{14}\ \Phi_{22}^{7}\ \Phi_{11}^{7}\ \Phi_{6}^{13}\ \Phi_{3}^{13}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
33241	765	382	$\frac{19}{382}$	$\frac{59}{382}$	$\frac{87}{382}$	$\frac{121}{382}$	$\Phi_{382}^{2}\ \Phi_{191}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
33242	765	256	$\frac{13}{256}$	$\frac{35}{256}$	$\frac{1}{4}$	$\frac{81}{256}$	$\Phi_{256}^{3}\ \Phi_{128}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
33243	765	96	$\frac{1}{16}$	$\frac{11}{96}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{96}^{9}\ \Phi_{48}^{9}\ \Phi_{32}^{9}\ \Phi_{24}^{9}\ \Phi_{16}^{3}\ \Phi_{12}^{9}\ \Phi_{8}^{3}\ \Phi_{6}^{9}\ \Phi_{4}^{2}\ \Phi_{3}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
33244	765	48	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{48}^{24}\,\Phi_{24}^{21}\,\Phi_{16}^{3}\,\Phi_{12}^{21}\,\Phi_{8}^{3}\,\Phi_{6}^{21}\,\Phi_{4}^{2}\,\Phi_{3}^{21}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
33245	765	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{7}{24}$	$\Phi_{264}^{4}\,\Phi_{132}^{4}\,\Phi_{66}^{4}\,\Phi_{33}^{4}\,\Phi_{24}^{5}\,\Phi_{12}^{5}\,\Phi_{11}^{4}\,\Phi_{6}^{5}\,\Phi_{3}^{5}\,\Phi_{1}^{5}$
33246	765	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{120}^{6}\,\Phi_{60}^{6}\,\Phi_{40}^{8}\,\Phi_{30}^{8}\,\Phi_{24}^{3}\,\Phi_{20}^{8}\,\Phi_{15}^{8}\,\Phi_{12}^{3}\,\Phi_{10}^{9}\,\Phi_{8}^{4}\,\Phi_{6}^{4}\,\Phi_{5}^{9}\,\Phi_{4}^{4}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
33247	765	252	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{252}^{4}\,\Phi_{126}^{2}\,\Phi_{84}^{4}\,\Phi_{63}^{2}\,\Phi_{42}^{2}\,\Phi_{36}^{6}\,\Phi_{28}^{2}\,\Phi_{21}^{2}\,\Phi_{18}^{3}\,\Phi_{12}^{6}\,\Phi_{9}^{3}\,\Phi_{7}^{2}\,\Phi_{6}^{3}\,\Phi_{4}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
33248	765	385	$\frac{4}{55}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{385}^{2}\,\Phi_{77}^{2}\,\Phi_{55}^{3}\,\Phi_{11}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
33249	765	168	$\frac{5}{56}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{168}^{6}\,\Phi_{84}^{6}\,\Phi_{56}^{3}\,\Phi_{42}^{4}\,\Phi_{28}^{3}\,\Phi_{24}^{6}\,\Phi_{21}^{4}\,\Phi_{14}\,\Phi_{12}^{6}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
33250	765	140	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{2}{7}$	$\Phi_{140}^{6}\,\Phi_{70}^{4}\,\Phi_{35}^{4}\,\Phi_{28}^{6}\,\Phi_{20}^{9}\,\Phi_{14}^{4}\,\Phi_{10}^{6}\,\Phi_{7}^{6}\,\Phi_{5}^{6}\,\Phi_{4}^{9}\,\Phi_{2}^{6}\,\Phi_{1}^{9}$
33251	765	414	$\frac{1}{18}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{414}^{2}\,\Phi_{207}^{2}\,\Phi_{138}^{2}\,\Phi_{69}^{2}\,\Phi_{46}\,\Phi_{23}\,\Phi_{18}\,\Phi_{9}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
33252	765	210	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{70}$	$\frac{19}{70}$	$\Phi_{210}^{4}\,\Phi_{105}^{4}\,\Phi_{70}^{2}\,\Phi_{42}^{6}\,\Phi_{35}^{2}\,\Phi_{30}^{4}\,\Phi_{21}^{6}\,\Phi_{15}^{4}\,\Phi_{14}^{3}\,\Phi_{10}^{2}\,\Phi_{7}^{3}\,\Phi_{6}^{5}\,\Phi_{5}^{2}\,\Phi_{3}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
33253	765	382	$\frac{17}{382}$	$\frac{73}{382}$	$\frac{93}{382}$	$\frac{103}{382}$	$\Phi_{382}^{2}\,\Phi_{191}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
33254	765	256	$\frac{11}{256}$	$\frac{49}{256}$	$\frac{1}{4}$	$\frac{69}{256}$	$\Phi_{256}^{3}\,\Phi_{128}^{3}\,\Phi_{64}^{3}\,\Phi_{32}^{3}\,\Phi_{16}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
33255	765	88	$\frac{3}{88}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{88}^{9}\,\Phi_{44}^{9}\,\Phi_{22}^{9}\,\Phi_{11}^{9}\,\Phi_{8}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
33256	765	112	$\frac{1}{28}$	$\frac{27}{112}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{112}^{9}\,\Phi_{56}^{9}\,\Phi_{16}^{9}\,\Phi_{8}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
33257	765	84	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{84}^{8}\,\Phi_{42}^{8}\,\Phi_{28}^{8}\,\Phi_{21}^{12}\,\Phi_{14}^{8}\,\Phi_{12}^{8}\,\Phi_{7}^{12}\,\Phi_{6}^{8}\,\Phi_{4}^{10}\,\Phi_{3}^{12}\,\Phi_{2}^{10}\,\Phi_{1}^{15}$
33258	765	36	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{36}^{20}\,\Phi_{18}^{25}\,\Phi_{12}^{16}\,\Phi_{9}^{25}\,\Phi_{6}^{20}\,\Phi_{4}^{18}\,\Phi_{3}^{20}\,\Phi_{2}^{22}\,\Phi_{1}^{23}$
33259	765	80	$\frac{1}{16}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{80}^{12}\,\Phi_{40}^{12}\,\Phi_{20}^{9}\,\Phi_{16}^{3}\,\Phi_{10}^{9}\,\Phi_{8}^{3}\,\Phi_{5}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
33260	765	364	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{364}^{2}\,\Phi_{182}^{2}\,\Phi_{91}^{3}\,\Phi_{52}^{2}\,\Phi_{26}^{2}\,\Phi_{13}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
33261	765	196	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{196}^{4}\,\Phi_{98}^{5}\,\Phi_{49}^{5}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
33262	765	96	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{96}^{9}\,\Phi_{48}^{9}\,\Phi_{32}^{9}\,\Phi_{24}^{9}\,\Phi_{16}^{9}\,\Phi_{8}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
33263	765	56	$\frac{5}{56}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{56}^{15}\,\Phi_{28}^{12}\,\Phi_{14}^{12}\,\Phi_{8}^{15}\,\Phi_{7}^{12}\,\Phi_{4}^{14}\,\Phi_{2}^{14}\,\Phi_{1}^{15}$
33264	765	64	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{64}^{15}\,\Phi_{32}^{15}\,\Phi_{16}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
33265	765	660	$\frac{4}{55}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{660}^{2}\,\Phi_{330}\,\Phi_{220}\,\Phi_{165}\,\Phi_{132}^{2}\,\Phi_{66}\,\Phi_{55}\,\Phi_{44}\,\Phi_{33}\,\Phi_{12}^{2}\,\Phi_{11}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
33266	765	220	$\frac{1}{11}$	$\frac{3}{20}$	$\frac{2}{11}$	$\frac{1}{4}$	$\Phi_{220}^{4}\,\Phi_{110}^{4}\,\Phi_{55}^{4}\,\Phi_{20}^{5}\,\Phi_{11}^{4}\,\Phi_{10}^{5}\,\Phi_{5}^{5}\,\Phi_{1}^{5}$
33267	765	60	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{60}^{14}\,\Phi_{30}^{16}\,\Phi_{20}^{7}\,\Phi_{15}^{16}\,\Phi_{12}^{16}\,\Phi_{10}^{8}\,\Phi_{6}^{17}\,\Phi_{5}^{8}\,\Phi_{4}^{8}\,\Phi_{3}^{17}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
33268	765	66	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{5}{22}$	$\Phi_{66}^{14}\,\Phi_{33}^{14}\,\Phi_{22}^{5}\,\Phi_{11}^{9}\,\Phi_{6}^{13}\,\Phi_{3}^{13}\,\Phi_{2}^{4}\,\Phi_{1}^{9}$
33269	765	588	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{43}{196}$	$\Phi_{588}^{2}\,\Phi_{294}\,\Phi_{196}\,\Phi_{147}\,\Phi_{84}^{2}\,\Phi_{49}\,\Phi_{42}^{2}\,\Phi_{28}\,\Phi_{21}^{2}\,\Phi_{14}\,\Phi_{12}^{2}\,\Phi_{7}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
33270	766	762	$\frac{2}{381}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{379}{762}$	$\Phi_{762}^{2}\,\Phi_{254}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
33271	766	612	$\frac{1}{153}$	$\frac{77}{306}$	$\frac{229}{612}$	$\frac{76}{153}$	$\Phi_{612}^{2}\,\Phi_{204}^{2}\,\Phi_{153}\,\Phi_{68}^{2}\,\Phi_{51}\,\Phi_{36}^{2}\,\Phi_{17}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
33272	766	1536	$\frac{1}{128}$	$\frac{129}{512}$	$\frac{1}{3}$	$\frac{127}{256}$	$\Phi_{1536}\,\Phi_{384}\,\Phi_{192}\,\Phi_{96}\,\Phi_{48}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}$
33273	766	760	$\frac{3}{380}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{377}{760}$	$\Phi_{760}^{2}\,\Phi_{152}^{2}\,\Phi_{40}^{2}\,\Phi_{8}^{2}\,\Phi_{5}\,\Phi_{1}^{2}$
33274	766	2280	$\frac{3}{380}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{377}{760}$	$\Phi_{2280}\,\Phi_{456}\,\Phi_{120}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}$
33275	766	680	$\frac{1}{85}$	$\frac{43}{340}$	$\frac{297}{680}$	$\frac{42}{85}$	$\Phi_{680}^{2}\,\Phi_{136}^{2}\,\Phi_{85}\,\Phi_{40}^{2}\,\Phi_{17}\,\Phi_{8}^{2}\,\Phi_{5}\,\Phi_{1}^{2}$
33276	766	510	$\frac{1}{85}$	$\frac{127}{510}$	$\frac{43}{170}$	$\frac{42}{85}$	$\Phi_{510}^{2}\,\Phi_{255}^{2}\,\Phi_{102}^{2}\,\Phi_{85}\,\Phi_{51}^{2}\,\Phi_{30}^{2}\,\Phi_{17}\,\Phi_{15}^{2}\,\Phi_{6}^{2}\,\Phi_{5}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
33277	766	756	$\frac{5}{378}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{373}{756}$	$\Phi_{756}^{2}\,\Phi_{252}^{2}\,\Phi_{108}^{2}\,\Phi_{84}^{2}\,\Phi_{36}^{2}\,\Phi_{28}^{2}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
33278	766	756	$\frac{5}{378}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{373}{756}$	$\Phi_{756}^{2}\,\Phi_{252}^{2}\,\Phi_{108}^{2}\,\Phi_{84}^{2}\,\Phi_{36}^{2}\,\Phi_{28}^{2}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
33279	766	2256	$\frac{7}{376}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{369}{752}$	$\Phi_{2256}\,\Phi_{48}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}$
33280	766	714	$\frac{1}{51}$	$\frac{26}{357}$	$\frac{331}{714}$	$\frac{25}{51}$	$\Phi_{714}^{2}\,\Phi_{238}^{2}\,\Phi_{102}^{2}\,\Phi_{51}\,\Phi_{42}^{2}\,\Phi_{34}^{2}\,\Phi_{17}\,\Phi_{14}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
33281	766	750	$\frac{8}{375}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{367}{750}$	$\Phi_{750}^2\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
33282	766	720	$\frac{1}{45}$	$\frac{23}{360}$	$\frac{337}{720}$	$\frac{22}{45}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{45}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
33283	766	540	$\frac{1}{45}$	$\frac{23}{180}$	$\frac{157}{540}$	$\frac{22}{45}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
33284	766	450	$\frac{1}{45}$	$\frac{67}{450}$	$\frac{23}{90}$	$\frac{22}{45}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{45}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
33285	766	748	$\frac{9}{374}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{365}{748}$	$\Phi_{748}^2\ \Phi_{68}^2\ \Phi_{44}^2\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
33286	766	744	$\frac{11}{372}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{361}{744}$	$\Phi_{744}^2\ \Phi_{248}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
33287	766	440	$\frac{2}{55}$	$\frac{57}{440}$	$\frac{1}{5}$	$\frac{53}{110}$	$\Phi_{440}^2\ \Phi_{220}^2\ \Phi_{88}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
33288	766	2208	$\frac{15}{368}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{353}{736}$	$\Phi_{2208}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
33289	766	735	$\frac{31}{735}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{352}{735}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
33290	766	420	$\frac{2}{35}$	$\frac{37}{420}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
33291	766	561	$\frac{9}{187}$	$\frac{1}{17}$	$\frac{178}{561}$	$\frac{8}{17}$	$\Phi_{561}^2\ \Phi_{51}^2\ \Phi_{33}^2\ \Phi_{17}\ \Phi_3^2\ \Phi_1^2$
33292	766	408	$\frac{1}{17}$	$\frac{25}{408}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
33293	766	720	$\frac{1}{24}$	$\frac{23}{360}$	$\frac{1}{3}$	$\frac{337}{720}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
33294	766	720	$\frac{23}{360}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{337}{720}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
33295	766	450	$\frac{1}{15}$	$\frac{8}{75}$	$\frac{67}{450}$	$\frac{7}{15}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
33296	766	715	$\frac{51}{715}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{332}{715}$	$\Phi_{715}\ \Phi_{143}\ \Phi_{65}\ \Phi_{55}^2\ \Phi_{13}\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
33297	766	2112	$\frac{1}{32}$	$\frac{31}{352}$	$\frac{1}{3}$	$\frac{321}{704}$	$\Phi_{2112}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
33298	766	700	$\frac{2}{35}$	$\frac{33}{350}$	$\frac{1}{5}$	$\frac{317}{700}$	$\Phi_{700}^2\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
33299	766	567	$\frac{5}{189}$	$\frac{1}{9}$	$\frac{184}{567}$	$\frac{4}{9}$	$\Phi_{567}^2\ \Phi_{81}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
33300	766	396	$\frac{13}{396}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
33301	766	504	$\frac{5}{126}$	$\frac{1}{9}$	$\frac{121}{504}$	$\frac{4}{9}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
33302	766	405	$\frac{22}{405}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{405}^2\ \Phi_{135}^2\ \Phi_{81}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
33303	766	441	$\frac{5}{63}$	$\frac{1}{9}$	$\frac{58}{441}$	$\frac{4}{9}$	$\Phi_{441}^2\ \Phi_{147}^2\ \Phi_{49}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
33304	766	432	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{49}{432}$	$\frac{4}{9}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
33305	766	675	$\frac{1}{45}$	$\frac{91}{675}$	$\frac{44}{135}$	$\frac{292}{675}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{135}^2\ \Phi_{75}\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{25}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
33306	766	672	$\frac{1}{48}$	$\frac{47}{336}$	$\frac{1}{3}$	$\frac{289}{672}$	$\Phi_{672}^2\ \Phi_{224}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
33307	766	660	$\frac{2}{55}$	$\frac{53}{330}$	$\frac{1}{5}$	$\frac{277}{660}$	$\Phi_{660}^2\ \Phi_{220}^2\ \Phi_{132}^2\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
33308	766	540	$\frac{1}{45}$	$\frac{22}{135}$	$\frac{157}{540}$	$\frac{113}{270}$	$\Phi_{540}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
33309	766	1920	$\frac{1}{64}$	$\frac{63}{320}$	$\frac{1}{3}$	$\frac{257}{640}$	$\Phi_{1920}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
33310	766	570	$\frac{3}{190}$	$\frac{1}{5}$	$\frac{187}{570}$	$\frac{2}{5}$	$\Phi_{570}^2\ \Phi_{285}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
33311	766	390	$\frac{7}{390}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
33312	766	475	$\frac{3}{95}$	$\frac{92}{475}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{475}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
33313	766	400	$\frac{17}{400}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{400}^2\ \Phi_{200}^2\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
33314	766	420	$\frac{1}{15}$	$\frac{37}{420}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
33315	766	612	$\frac{1}{51}$	$\frac{25}{102}$	$\frac{77}{306}$	$\frac{229}{612}$	$\Phi_{612}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{36}^2\ \Phi_{34}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
33316	766	585	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{181}{585}$	$\frac{202}{585}$	$\Phi_{585}\ \Phi_{195}^2\ \Phi_{117}\ \Phi_{65}^2\ \Phi_{45}\ \Phi_{39}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
33317	766	576	$\frac{1}{96}$	$\frac{95}{288}$	$\frac{1}{3}$	$\frac{193}{576}$	$\Phi_{576}^2\ \Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
33318	766	432	$\frac{1}{24}$	$\frac{49}{432}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
33319	766	396	$\frac{13}{396}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
33320	766	456	$\frac{3}{76}$	$\frac{73}{456}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{456}^2\ \Phi_{228}\ \Phi_{152}^2\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{24}^2\ \Phi_{19}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
33321	766	1200	$\frac{17}{400}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
33322	766	504	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{121}{504}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
33323	766	480	$\frac{1}{24}$	$\frac{23}{120}$	$\frac{97}{480}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
33324	766	420	$\frac{37}{420}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
33325	766	432	$\frac{5}{54}$	$\frac{49}{432}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
33326	766	495	$\frac{2}{55}$	$\frac{1}{5}$	$\frac{112}{495}$	$\frac{53}{165}$	$\Phi_{495}^2\ \Phi_{99}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
33327	766	420	$\frac{37}{420}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
33328	766	540	$\frac{1}{15}$	$\frac{23}{180}$	$\frac{7}{30}$	$\frac{157}{540}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
33329	766	525	$\frac{2}{35}$	$\frac{33}{175}$	$\frac{1}{5}$	$\frac{142}{525}$	$\Phi_{525}^2\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
33330	766	450	$\frac{1}{15}$	$\frac{67}{450}$	$\frac{7}{30}$	$\frac{23}{90}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
33331	766	480	$\frac{1}{15}$	$\frac{23}{120}$	$\frac{97}{480}$	$\frac{7}{30}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
33332	766	490	$\frac{4}{35}$	$\frac{31}{245}$	$\frac{1}{5}$	$\frac{107}{490}$	$\Phi_{490}^2\ \Phi_{245}\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{49}\ \Phi_{35}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
33333	767	696	$\frac{1}{58}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{57}{116}$	$\Phi_{696}^2\ \Phi_{232}^2\ \Phi_{116}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
33334	767	1740	$\frac{1}{58}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{57}{116}$	$\Phi_{1740}\ \Phi_{580}\ \Phi_{116}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_5\ \Phi_4\ \Phi_1$
33335	767	1044	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{57}{116}$	$\Phi_{1044}^2\ \Phi_{116}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
33336	767	464	$\frac{1}{58}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{57}{116}$	$\Phi_{464}^2\ \Phi_{232}^2\ \Phi_{116}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
33337	767	798	$\frac{2}{57}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{266}\ \Phi_{133}\ \Phi_{57}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{19}\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
33338	767	560	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{560}^2\ \Phi_{140}^2\ \Phi_{112}^2\ \Phi_{80}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
33339	767	112	$\frac{3}{56}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{112}^{13}\ \Phi_{28}^2\ \Phi_{16}^{13}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
33340	767	770	$\frac{1}{14}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{770}\ \Phi_{385}\ \Phi_{154}\ \Phi_{77}\ \Phi_{70}^2\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{14}\ \Phi_{11}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
33341	767	696	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{28}{87}$	$\frac{11}{24}$	$\Phi_{696}^2\ \Phi_{232}^2\ \Phi_{87}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_3\ \Phi_1$
33342	767	504	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
33343	767	756	$\frac{1}{14}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{756}^2\ \Phi_{252}^2\ \Phi_{108}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
33344	767	700	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{700}^2\ \Phi_{140}^2\ \Phi_{100}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
33345	767	672	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{672}^2\ \Phi_{224}^2\ \Phi_{96}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{32}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
33346	767	448	$\frac{1}{14}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{448}^2\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{64}\ \Phi_{32}\ \Phi_{28}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
33347	767	630	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{630}\ \Phi_{315}\ \Phi_{210}^2\ \Phi_{126}\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
33348	767	435	$\frac{1}{29}$	$\frac{2}{15}$	$\frac{28}{87}$	$\frac{1}{3}$	$\Phi_{435}^2\ \Phi_{145}^2\ \Phi_{87}\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3\ \Phi_1$
33349	767	522	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{28}{87}$	$\Phi_{522}^2\ \Phi_{261}^2\ \Phi_{87}\ \Phi_{18}^3\ \Phi_9^3\ \Phi_3\ \Phi_1$
33350	767	1392	$\frac{1}{29}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{28}{87}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{87}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_3\ \Phi_1$
33351	767	84	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{84}^{13}\ \Phi_{42}^{13}\ \Phi_{28}^2\ \Phi_{21}^{13}\ \Phi_{14}\ \Phi_{12}^{13}\ \Phi_7\ \Phi_6^{13}\ \Phi_4\ \Phi_3^{13}\ \Phi_1$
33352	767	504	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{72}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
33353	768	573	$\frac{1}{191}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{95}{191}$	$\Phi_{573}\ \Phi_{191}^2\ \Phi_3^2\ \Phi_1^4$
33354	768	767	$\frac{5}{767}$	$\frac{193}{767}$	$\frac{287}{767}$	$\frac{381}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_1^2$
33355	768	1155	$\frac{3}{385}$	$\frac{97}{385}$	$\frac{1}{3}$	$\frac{191}{385}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{33}\ \Phi_{21}\ \Phi_{15}$
33356	768	635	$\frac{1}{127}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{63}{127}$	$\Phi_{635}\ \Phi_{127}^2\ \Phi_5^2\ \Phi_1^4$
33357	768	1524	$\frac{1}{127}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{63}{127}$	$\Phi_{1524}\ \Phi_{762}\ \Phi_{12}^2\ \Phi_6^2$
33358	768	767	$\frac{7}{767}$	$\frac{129}{767}$	$\frac{319}{767}$	$\frac{380}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_1^2$
33359	768	665	$\frac{1}{95}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{47}{95}$	$\Phi_{665}\ \Phi_{133}\ \Phi_{95}^2\ \Phi_{35}\ \Phi_{19}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
33360	768	285	$\frac{1}{95}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{47}{95}$	$\Phi_{285}^4\ \Phi_{57}^4\ \Phi_{15}^5\ \Phi_3^4$
33361	768	1028	$\frac{3}{257}$	$\frac{1}{4}$	$\frac{65}{257}$	$\frac{127}{257}$	$\Phi_{1028}\ \Phi_{514}$
33362	768	767	$\frac{9}{767}$	$\frac{97}{767}$	$\frac{335}{767}$	$\frac{379}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_1^2$
33363	768	767	$\frac{9}{767}$	$\frac{191}{767}$	$\frac{194}{767}$	$\frac{379}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_1^2$
33364	768	231	$\frac{1}{77}$	$\frac{13}{77}$	$\frac{1}{3}$	$\frac{38}{77}$	$\Phi_{231}^5\ \Phi_{33}^5\ \Phi_{21}^5\ \Phi_3^4$
33365	768	965	$\frac{3}{193}$	$\frac{1}{5}$	$\frac{49}{193}$	$\frac{95}{193}$	Φ_{965}
33366	768	693	$\frac{1}{63}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{31}{63}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}^2\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
33367	768	63	$\frac{1}{63}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{31}{63}$	$\Phi_{63}^{12}\ \Phi_{21}^{13}\ \Phi_9^{12}\ \Phi_7^{12}\ \Phi_3^{12}\ \Phi_1^{12}$
33368	768	693	$\frac{1}{63}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{31}{63}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}^2\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
33369	768	1260	$\frac{1}{63}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{31}{63}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
33370	768	59	$\frac{1}{59}$	$\frac{5}{59}$	$\frac{27}{59}$	$\frac{29}{59}$	$\Phi_{59}^{13}\ \Phi_1^{14}$
33371	768	177	$\frac{1}{59}$	$\frac{10}{59}$	$\frac{49}{177}$	$\frac{29}{59}$	$\Phi_{177}^6\ \Phi_{59}\ \Phi_3^6\ \Phi_1^2$
33372	768	59	$\frac{1}{59}$	$\frac{11}{59}$	$\frac{15}{59}$	$\frac{29}{59}$	$\Phi_{59}^{13}\ \Phi_1^{14}$
33373	768	165	$\frac{1}{55}$	$\frac{7}{55}$	$\frac{1}{3}$	$\frac{27}{55}$	$\Phi_{165}^7\ \Phi_{33}^7\ \Phi_{15}^7\ \Phi_3^6$
33374	768	377	$\frac{7}{377}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{185}{377}$	$\Phi_{377}^2\ \Phi_{29}^2\ \Phi_{13}^3\ \Phi_1^4$
33375	768	705	$\frac{1}{47}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{23}{47}$	$\Phi_{705}\ \Phi_{235}\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
33376	768	423	$\frac{1}{47}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{423}^2\ \Phi_{141}\ \Phi_{47}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
33377	768	235	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{23}{47}$	$\Phi_{235}^3\ \Phi_{47}^4\ \Phi_5^6\ \Phi_1^8$
33378	768	767	$\frac{17}{767}$	$\frac{49}{767}$	$\frac{359}{767}$	$\frac{375}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_1^2$
33379	768	767	$\frac{17}{767}$	$\frac{98}{767}$	$\frac{223}{767}$	$\frac{375}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_1^2$
33380	768	301	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{11}{43}$	$\frac{21}{43}$	$\Phi_{301}^3\ \Phi_7^2$
33381	768	767	$\frac{19}{767}$	$\frac{131}{767}$	$\frac{159}{767}$	$\frac{374}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_1^2$
33382	768	965	$\frac{5}{193}$	$\frac{33}{193}$	$\frac{1}{5}$	$\frac{94}{193}$	Φ_{965}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
33383	768	561	$\frac{5}{187}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{91}{187}$	$\Phi_{561}^2\ \Phi_{51}^2\ \Phi_{33}^3\ \Phi_{3}^2$
33384	768	1028	$\frac{7}{257}$	$\frac{33}{257}$	$\frac{1}{4}$	$\frac{125}{257}$	$\Phi_{1028}\ \Phi_{514}$
33385	768	767	$\frac{21}{767}$	$\frac{95}{767}$	$\frac{197}{767}$	$\frac{373}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^2$
33386	768	105	$\frac{1}{35}$	$\frac{3}{35}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{105}^{11}\ \Phi_{21}^{11}\ \Phi_{15}^{11}\ \Phi_{3}^{10}$
33387	768	873	$\frac{3}{97}$	$\frac{1}{9}$	$\frac{25}{97}$	$\frac{47}{97}$	$\Phi_{873}\ \Phi_{291}$
33388	768	713	$\frac{1}{31}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{15}{31}$	$\Phi_{713}\ \Phi_{31}^2\ \Phi_{23}^2\ \Phi_{1}^4$
33389	768	1209	$\frac{1}{31}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{1209}\ \Phi_{39}^2$
33390	768	713	$\frac{1}{31}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{15}{31}$	$\Phi_{713}\ \Phi_{31}^2\ \Phi_{23}^2\ \Phi_{1}^4$
33391	768	1116	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{1116}\ \Phi_{558}\ \Phi_{372}\ \Phi_{186}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{6}^2$
33392	768	713	$\frac{1}{31}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{15}{31}$	$\Phi_{713}\ \Phi_{31}^2\ \Phi_{23}^2\ \Phi_{1}^4$
33393	768	1085	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{15}{31}$	$\Phi_{1085}\ \Phi_{35}^2$
33394	768	767	$\frac{25}{767}$	$\frac{33}{767}$	$\frac{367}{767}$	$\frac{371}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^2$
33395	768	767	$\frac{25}{767}$	$\frac{99}{767}$	$\frac{167}{767}$	$\frac{371}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^2$
33396	768	965	$\frac{7}{193}$	$\frac{25}{193}$	$\frac{1}{5}$	$\frac{93}{193}$	Φ_{965}
33397	768	247	$\frac{9}{247}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{119}{247}$	$\Phi_{247}^3\ \Phi_{19}^3\ \Phi_{13}^5\ \Phi_{1}^6$
33398	768	767	$\frac{29}{767}$	$\frac{71}{767}$	$\frac{199}{767}$	$\frac{369}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^2$
33399	768	231	$\frac{3}{77}$	$\frac{5}{77}$	$\frac{1}{3}$	$\frac{37}{77}$	$\Phi_{231}^5\ \Phi_{33}^5\ \Phi_{21}^5\ \Phi_{3}^4$
33400	768	767	$\frac{33}{767}$	$\frac{50}{767}$	$\frac{239}{767}$	$\frac{367}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^2$
33401	768	1173	$\frac{1}{23}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{1173}\ \Phi_{51}^2$
33402	768	713	$\frac{1}{23}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{11}{23}$	$\Phi_{713}\ \Phi_{31}^2\ \Phi_{23}^2\ \Phi_{1}^4$
33403	768	1035	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{45}^2\ \Phi_{15}^2$
33404	768	65	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{65}^{12}\ \Phi_{13}^{11}\ \Phi_{5}^{12}\ \Phi_{1}^{12}$
33405	768	767	$\frac{37}{767}$	$\frac{67}{767}$	$\frac{175}{767}$	$\frac{365}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^2$
33406	768	873	$\frac{5}{97}$	$\frac{1}{9}$	$\frac{17}{97}$	$\frac{46}{97}$	$\Phi_{873}\ \Phi_{291}$
33407	768	767	$\frac{41}{767}$	$\frac{101}{767}$	$\frac{111}{767}$	$\frac{363}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^2$
33408	768	903	$\frac{7}{129}$	$\frac{17}{129}$	$\frac{1}{7}$	$\frac{61}{129}$	$\Phi_{903}\ \Phi_{301}\ \Phi_{21}$
33409	768	91	$\frac{5}{91}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{43}{91}$	$\Phi_{91}^8\ \Phi_{13}^{11}\ \Phi_{7}^8\ \Phi_{1}^{12}$
33410	768	767	$\frac{43}{767}$	$\frac{79}{767}$	$\frac{135}{767}$	$\frac{362}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^2$
33411	768	965	$\frac{11}{193}$	$\frac{17}{193}$	$\frac{1}{5}$	$\frac{91}{193}$	Φ_{965}
33412	768	1028	$\frac{15}{257}$	$\frac{17}{257}$	$\frac{1}{4}$	$\frac{121}{257}$	$\Phi_{1028}\ \Phi_{514}$
33413	768	767	$\frac{45}{767}$	$\frac{47}{767}$	$\frac{203}{767}$	$\frac{361}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^2$
33414	768	1155	$\frac{17}{385}$	$\frac{23}{385}$	$\frac{1}{3}$	$\frac{181}{385}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{33}\ \Phi_{21}\ \Phi_{15}$
33415	768	833	$\frac{1}{17}$	$\frac{3}{49}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{833}\ \Phi_{119}$
33416	768	767	$\frac{49}{767}$	$\frac{51}{767}$	$\frac{179}{767}$	$\frac{359}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^2$
33417	768	75	$\frac{1}{25}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{75}^{11}\ \Phi_{25}^{10}\ \Phi_{15}^9\ \Phi_{5}^8\ \Phi_{3}^8\ \Phi_{1}^8$
33418	768	705	$\frac{2}{47}$	$\frac{1}{15}$	$\frac{15}{47}$	$\frac{7}{15}$	$\Phi_{705}\ \Phi_{235}\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
33419	768	1020	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{204}\ \Phi_{170}\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{34}^2$
33420	768	705	$\frac{3}{47}$	$\frac{1}{15}$	$\frac{11}{47}$	$\frac{7}{15}$	$\Phi_{705}\ \Phi_{235}\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
33421	768	195	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{195}^4\ \Phi_{65}^5\ \Phi_{39}^4\ \Phi_{13}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
33422	768	705	$\frac{1}{15}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{7}{15}$	$\Phi_{705}\ \Phi_{235}\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
33423	768	315	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{315}^3\ \Phi_{105}^2\ \Phi_{63}^4\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_7^2$
33424	768	873	$\frac{7}{97}$	$\frac{1}{9}$	$\frac{13}{97}$	$\frac{45}{97}$	$\Phi_{873}\ \Phi_{291}$
33425	768	715	$\frac{53}{715}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{331}{715}$	$\Phi_{715}\ \Phi_{143}\ \Phi_{65}^2\ \Phi_{55}\ \Phi_{13}\ \Phi_{11}\ \Phi_5^2\ \Phi_1^2$
33426	768	767	$\frac{57}{767}$	$\frac{83}{767}$	$\frac{103}{767}$	$\frac{355}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_1^2$
33427	768	39	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{39}^{24}\ \Phi_{13}^{11}\ \Phi_3^{24}\ \Phi_1^{12}$
33428	768	965	$\frac{13}{193}$	$\frac{15}{193}$	$\frac{1}{5}$	$\frac{89}{193}$	Φ_{965}
33429	768	767	$\frac{35}{767}$	$\frac{61}{767}$	$\frac{207}{767}$	$\frac{353}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_1^2$
33430	768	1155	$\frac{13}{385}$	$\frac{31}{385}$	$\frac{1}{3}$	$\frac{177}{385}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{33}\ \Phi_{21}\ \Phi_{15}$
33431	768	59	$\frac{2}{59}$	$\frac{5}{59}$	$\frac{19}{59}$	$\frac{27}{59}$	$\Phi_{59}^{13}\ \Phi_1^{14}$
33432	768	59	$\frac{3}{59}$	$\frac{5}{59}$	$\frac{14}{59}$	$\frac{27}{59}$	$\Phi_{59}^{13}\ \Phi_1^{14}$
33433	768	59	$\frac{4}{59}$	$\frac{5}{59}$	$\frac{11}{59}$	$\frac{27}{59}$	$\Phi_{59}^{13}\ \Phi_1^{14}$
33434	768	33	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{33}^{23}\ \Phi_{11}^{24}\ \Phi_3^{22}\ \Phi_1^{24}$
33435	768	275	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{275}^3\ \Phi_{55}^3\ \Phi_{25}^2\ \Phi_5^2$
33436	768	231	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{5}{21}$	$\frac{5}{11}$	$\Phi_{231}^3\ \Phi_{77}^3\ \Phi_{33}^3\ \Phi_{21}^6\ \Phi_{11}^4\ \Phi_7^6\ \Phi_3^6\ \Phi_1^8$
33437	768	935	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{935}\ \Phi_{85}^2$
33438	768	385	$\frac{3}{35}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{385}^2\ \Phi_{77}\ \Phi_{55}^2\ \Phi_{35}^4\ \Phi_{11}^2\ \Phi_7^2\ \Phi_5^4\ \Phi_1^4$
33439	768	99	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{5}{11}$	$\Phi_{99}^7\ \Phi_{33}^7\ \Phi_{11}^8\ \Phi_9^{14}\ \Phi_3^{14}\ \Phi_1^{16}$
33440	768	117	$\frac{1}{13}$	$\frac{11}{117}$	$\frac{2}{13}$	$\frac{53}{117}$	$\Phi_{117}^6\ \Phi_{39}^6\ \Phi_{13}^{11}\ \Phi_9^6\ \Phi_3^6\ \Phi_1^{12}$
33441	768	767	$\frac{35}{767}$	$\frac{73}{767}$	$\frac{183}{767}$	$\frac{347}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_1^2$
33442	768	525	$\frac{1}{35}$	$\frac{17}{175}$	$\frac{1}{3}$	$\frac{79}{175}$	$\Phi_{525}^2\ \Phi_{105}^3\ \Phi_{75}^2\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_3^2$
33443	768	833	$\frac{1}{17}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{833}\ \Phi_{119}$
33444	768	767	$\frac{53}{767}$	$\frac{81}{767}$	$\frac{119}{767}$	$\frac{343}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_1^2$
33445	768	65	$\frac{1}{13}$	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{29}{65}$	$\Phi_{65}^{12}\ \Phi_{13}^{11}\ \Phi_5^{12}\ \Phi_1^{12}$
33446	768	767	$\frac{71}{767}$	$\frac{85}{767}$	$\frac{87}{767}$	$\frac{341}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_1^2$
33447	768	873	$\frac{9}{97}$	$\frac{1}{9}$	$\frac{11}{97}$	$\frac{43}{97}$	$\Phi_{873}\ \Phi_{291}$
33448	768	767	$\frac{55}{767}$	$\frac{89}{767}$	$\frac{107}{767}$	$\frac{339}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_1^2$
33449	768	301	$\frac{3}{43}$	$\frac{5}{43}$	$\frac{1}{7}$	$\frac{19}{43}$	$\Phi_{301}^3\ \Phi_7^2$
33450	768	59	$\frac{3}{59}$	$\frac{7}{59}$	$\frac{11}{59}$	$\frac{26}{59}$	$\Phi_{59}^{13}\ \Phi_1^{14}$
33451	768	965	$\frac{9}{193}$	$\frac{23}{193}$	$\frac{1}{5}$	$\frac{85}{193}$	Φ_{965}
33452	768	825	$\frac{1}{33}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{165}\ \Phi_{75}\ \Phi_{55}\ \Phi_{15}$
33453	768	1028	$\frac{9}{257}$	$\frac{31}{257}$	$\frac{1}{4}$	$\frac{113}{257}$	$\Phi_{1028}\ \Phi_{514}$
33454	768	767	$\frac{23}{767}$	$\frac{93}{767}$	$\frac{215}{767}$	$\frac{337}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_1^2$
33455	768	1155	$\frac{9}{385}$	$\frac{47}{385}$	$\frac{1}{3}$	$\frac{169}{385}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{33}\ \Phi_{21}\ \Phi_{15}$
33456	768	767	$\frac{27}{767}$	$\frac{97}{767}$	$\frac{185}{767}$	$\frac{335}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_1^2$
33457	768	147	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{147}^8\ \Phi_{21}^7\ \Phi_3^6$
33458	768	665	$\frac{2}{95}$	$\frac{1}{7}$	$\frac{31}{95}$	$\frac{3}{7}$	$\Phi_{665}\ \Phi_{133}\ \Phi_{95}^2\ \Phi_{35}\ \Phi_{19}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
33459	768	924	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{154}\ \Phi_{132}^2\ \Phi_{84}\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_6^2$
33460	768	665	$\frac{3}{95}$	$\frac{1}{7}$	$\frac{23}{95}$	$\frac{3}{7}$	$\Phi_{665}\ \Phi_{133}\ \Phi_{95}^2\ \Phi_{35}\ \Phi_{19}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
33461	768	175	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{175}^{4}\ \Phi_{35}^{3}\ \Phi_{25}^{8}\ \Phi_{7}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
33462	768	133	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{3}{7}$	$\Phi_{133}^{5}\ \Phi_{19}^{10}\ \Phi_{7}^{6}\ \Phi_{1}^{12}$
33463	768	119	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{119}^{7}\ \Phi_{17}^{6}$
33464	768	665	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{665}\ \Phi_{133}\ \Phi_{95}^{2}\ \Phi_{35}\ \Phi_{19}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
33465	768	819	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{117}^{2}\ \Phi_{39}^{2}$
33466	768	767	$\frac{55}{767}$	$\frac{89}{767}$	$\frac{113}{767}$	$\frac{327}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^{2}$
33467	768	873	$\frac{7}{97}$	$\frac{1}{9}$	$\frac{15}{97}$	$\frac{41}{97}$	$\Phi_{873}\ \Phi_{291}$
33468	768	767	$\frac{41}{767}$	$\frac{111}{767}$	$\frac{121}{767}$	$\frac{323}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^{2}$
33469	768	965	$\frac{7}{193}$	$\frac{31}{193}$	$\frac{1}{5}$	$\frac{81}{193}$	Φ_{965}
33470	768	767	$\frac{17}{767}$	$\frac{125}{767}$	$\frac{223}{767}$	$\frac{321}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^{2}$
33471	768	165	$\frac{1}{55}$	$\frac{9}{55}$	$\frac{1}{3}$	$\frac{23}{55}$	$\Phi_{165}^{7}\ \Phi_{33}^{7}\ \Phi_{15}^{7}\ \Phi_{3}^{6}$
33472	768	767	$\frac{14}{767}$	$\frac{129}{767}$	$\frac{251}{767}$	$\frac{319}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^{2}$
33473	768	833	$\frac{1}{49}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{833}\ \Phi_{119}$
33474	768	325	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{59}{325}$	$\frac{133}{325}$	$\Phi_{325}^{2}\ \Phi_{65}^{4}\ \Phi_{25}^{2}\ \Phi_{13}^{3}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
33475	768	767	$\frac{19}{767}$	$\frac{145}{767}$	$\frac{187}{767}$	$\frac{311}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^{2}$
33476	768	195	$\frac{1}{65}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{195}^{6}\ \Phi_{39}^{6}\ \Phi_{15}^{5}\ \Phi_{3}^{4}$
33477	768	635	$\frac{3}{127}$	$\frac{1}{5}$	$\frac{31}{127}$	$\frac{2}{5}$	$\Phi_{635}\ \Phi_{127}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
33478	768	165	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{165}^{5}\ \Phi_{55}^{5}\ \Phi_{33}^{4}\ \Phi_{15}^{5}\ \Phi_{11}^{4}\ \Phi_{3}^{4}$
33479	768	635	$\frac{7}{127}$	$\frac{15}{127}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{635}\ \Phi_{127}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
33480	768	765	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}^{2}\ \Phi_{51}^{2}$
33481	768	455	$\frac{1}{13}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{455}^{2}\ \Phi_{91}^{2}\ \Phi_{65}$
33482	768	767	$\frac{29}{767}$	$\frac{123}{767}$	$\frac{161}{767}$	$\frac{303}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^{2}$
33483	768	825	$\frac{1}{25}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{165}\ \Phi_{75}\ \Phi_{55}\ \Phi_{15}$
33484	768	59	$\frac{3}{59}$	$\frac{7}{59}$	$\frac{13}{59}$	$\frac{23}{59}$	$\Phi_{59}^{13}\ \Phi_{1}^{14}$
33485	768	833	$\frac{1}{17}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{833}\ \Phi_{119}$
33486	768	65	$\frac{1}{65}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{65}^{12}\ \Phi_{13}^{11}\ \Phi_{5}^{12}\ \Phi_{1}^{12}$
33487	768	13	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{13}^{59}\ \Phi_{1}^{60}$
33488	768	767	$\frac{43}{767}$	$\frac{79}{767}$	$\frac{181}{767}$	$\frac{293}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^{2}$
33489	768	873	$\frac{5}{97}$	$\frac{1}{9}$	$\frac{23}{97}$	$\frac{37}{97}$	$\Phi_{873}\ \Phi_{291}$
33490	768	903	$\frac{5}{129}$	$\frac{1}{7}$	$\frac{31}{129}$	$\frac{49}{129}$	$\Phi_{903}\ \Phi_{301}\ \Phi_{21}$
33491	768	767	$\frac{27}{767}$	$\frac{119}{767}$	$\frac{185}{767}$	$\frac{291}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^{2}$
33492	768	965	$\frac{5}{193}$	$\frac{1}{5}$	$\frac{47}{193}$	$\frac{73}{193}$	Φ_{965}
33493	768	767	$\frac{19}{767}$	$\frac{159}{767}$	$\frac{187}{767}$	$\frac{290}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^{2}$
33494	768	1028	$\frac{5}{257}$	$\frac{63}{257}$	$\frac{1}{4}$	$\frac{97}{257}$	$\Phi_{1028}\ \Phi_{514}$
33495	768	767	$\frac{11}{767}$	$\frac{189}{767}$	$\frac{239}{767}$	$\frac{289}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^{2}$
33496	768	231	$\frac{1}{77}$	$\frac{19}{77}$	$\frac{1}{3}$	$\frac{29}{77}$	$\Phi_{231}^{5}\ \Phi_{33}^{5}\ \Phi_{21}^{5}\ \Phi_{3}^{4}$
33497	768	767	$\frac{15}{767}$	$\frac{188}{767}$	$\frac{193}{767}$	$\frac{287}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^{2}$
33498	768	825	$\frac{1}{33}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{165}\ \Phi_{75}\ \Phi_{55}\ \Phi_{15}$
33499	768	767	$\frac{31}{767}$	$\frac{92}{767}$	$\frac{225}{767}$	$\frac{271}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
33500	768	833	$\frac{1}{17}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{833}\ \Phi_{119}$
33501	768	195	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{61}{195}$	$\frac{67}{195}$	$\Phi_{195}^3\ \Phi_{65}^6\ \Phi_{39}^3\ \Phi_{15}^3\ \Phi_{13}^5\ \Phi_5^6\ \Phi_3^3\ \Phi_1^6$
33502	768	767	$\frac{44}{767}$	$\frac{63}{767}$	$\frac{241}{767}$	$\frac{263}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_1^2$
33503	768	873	$\frac{4}{97}$	$\frac{1}{9}$	$\frac{31}{97}$	$\frac{33}{97}$	$\Phi_{873}\ \Phi_{291}$
33504	768	767	$\frac{20}{767}$	$\frac{127}{767}$	$\frac{249}{767}$	$\frac{259}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_1^2$
33505	768	965	$\frac{4}{193}$	$\frac{1}{5}$	$\frac{63}{193}$	$\frac{65}{193}$	Φ_{965}
33506	768	767	$\frac{8}{767}$	$\frac{253}{767}$	$\frac{255}{767}$	$\frac{257}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_1^2$
33507	768	1155	$\frac{4}{385}$	$\frac{127}{385}$	$\frac{1}{3}$	$\frac{129}{385}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{33}\ \Phi_{21}\ \Phi_{15}$
33508	768	291	$\frac{1}{97}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{291}^3\ \Phi_{97}^2$
33509	768	573	$\frac{2}{191}$	$\frac{63}{191}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{573}\ \Phi_{191}^2\ \Phi_3^2\ \Phi_1^4$
33510	768	780	$\frac{1}{65}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}^2\ \Phi_{156}\ \Phi_{130}^2\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{30}\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{10}^2$
33511	768	573	$\frac{3}{191}$	$\frac{47}{191}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{573}\ \Phi_{191}^2\ \Phi_3^2\ \Phi_1^4$
33512	768	735	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{735}\ \Phi_{245}^2\ \Phi_{105}\ \Phi_{35}^2$
33513	768	573	$\frac{5}{191}$	$\frac{31}{191}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{573}\ \Phi_{191}^2\ \Phi_3^2\ \Phi_1^4$
33514	768	231	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}^4\ \Phi_{77}^4\ \Phi_{21}^3\ \Phi_7^2$
33515	768	573	$\frac{7}{191}$	$\frac{23}{191}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{573}\ \Phi_{191}^2\ \Phi_3^2\ \Phi_1^4$
33516	768	225	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{225}^4\ \Phi_{75}^3\ \Phi_{45}^4\ \Phi_{25}^2\ \Phi_{15}^3\ \Phi_5^2$
33517	768	573	$\frac{11}{191}$	$\frac{15}{191}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{573}\ \Phi_{191}^2\ \Phi_3^2\ \Phi_1^4$
33518	768	663	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{663}\ \Phi_{221}^2$
33519	768	165	$\frac{1}{55}$	$\frac{37}{165}$	$\frac{18}{55}$	$\frac{1}{3}$	$\Phi_{165}^4\ \Phi_{55}^6\ \Phi_{33}^4\ \Phi_{15}^4\ \Phi_{11}^6\ \Phi_5^6\ \Phi_3^3\ \Phi_1^6$
33520	768	285	$\frac{2}{95}$	$\frac{1}{5}$	$\frac{31}{95}$	$\frac{1}{3}$	$\Phi_{285}^4\ \Phi_{57}^4\ \Phi_{15}^5\ \Phi_3^4$
33521	768	231	$\frac{2}{77}$	$\frac{13}{77}$	$\frac{25}{77}$	$\frac{1}{3}$	$\Phi_{231}^5\ \Phi_{33}^5\ \Phi_{21}^5\ \Phi_3^4$
33522	768	189	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{61}{189}$	$\frac{1}{3}$	$\Phi_{189}^6\ \Phi_{27}^6\ \Phi_{21}$
33523	768	423	$\frac{2}{47}$	$\frac{1}{9}$	$\frac{15}{47}$	$\frac{1}{3}$	$\Phi_{423}^2\ \Phi_{141}\ \Phi_{47}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
33524	768	561	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{59}{187}$	$\frac{1}{3}$	$\Phi_{561}^2\ \Phi_{51}^2\ \Phi_{33}^3\ \Phi_3^2$
33525	768	105	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{105}^{11}\ \Phi_{21}^{11}\ \Phi_{15}^{11}\ \Phi_3^{10}$
33526	768	1173	$\frac{1}{17}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{1173}\ \Phi_{51}^2$
33527	768	1155	$\frac{17}{385}$	$\frac{46}{385}$	$\frac{113}{385}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{33}\ \Phi_{21}\ \Phi_{15}$
33528	768	225	$\frac{1}{25}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{225}^5\ \Phi_{75}\ \Phi_{45}^4\ \Phi_{15}\ \Phi_9^4$
33529	768	399	$\frac{5}{133}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{399}^3\ \Phi_{57}^3\ \Phi_{21}$
33530	768	33	$\frac{1}{33}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{33}^{23}\ \Phi_{11}^{24}\ \Phi_3^{22}\ \Phi_1^{24}$
33531	768	525	$\frac{1}{35}$	$\frac{34}{175}$	$\frac{47}{175}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{105}^3\ \Phi_{75}^2\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_3^2$
33532	768	1155	$\frac{9}{385}$	$\frac{94}{385}$	$\frac{97}{385}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{33}\ \Phi_{21}\ \Phi_{15}$
33533	768	1524	$\frac{3}{127}$	$\frac{31}{127}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1524}\ \Phi_{762}\ \Phi_{12}^2\ \Phi_6^2$
33534	768	660	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
33535	768	1524	$\frac{7}{127}$	$\frac{15}{127}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1524}\ \Phi_{762}\ \Phi_{12}^2\ \Phi_6^2$
33536	768	612	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{34}^2$
33537	768	285	$\frac{3}{95}$	$\frac{1}{5}$	$\frac{23}{95}$	$\frac{1}{3}$	$\Phi_{285}^4\ \Phi_{57}^4\ \Phi_{15}^5\ \Phi_3^4$
33538	768	1155	$\frac{13}{385}$	$\frac{73}{385}$	$\frac{93}{385}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{33}\ \Phi_{21}\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
33539	768	21	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{1}{3}$	$\Phi_{21}^{37}\ \Phi_{7}^{36}\ \Phi_{3}^{36}\ \Phi_{1}^{36}$
33540	768	165	$\frac{3}{55}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{1}{3}$	$\Phi_{165}^{7}\ \Phi_{33}^{7}\ \Phi_{15}^{7}\ \Phi_{3}^{6}$
33541	768	423	$\frac{3}{47}$	$\frac{1}{9}$	$\frac{11}{47}$	$\frac{1}{3}$	$\Phi_{423}^{2}\ \Phi_{141}\ \Phi_{47}^{2}\ \Phi_{9}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
33542	768	1155	$\frac{29}{385}$	$\frac{37}{385}$	$\frac{89}{385}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{33}\ \Phi_{21}\ \Phi_{15}$
33543	768	1209	$\frac{1}{13}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{1209}\ \Phi_{39}^{2}$
33544	768	945	$\frac{7}{135}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
33545	768	231	$\frac{5}{77}$	$\frac{9}{77}$	$\frac{17}{77}$	$\frac{1}{3}$	$\Phi_{231}^{5}\ \Phi_{33}^{5}\ \Phi_{21}^{5}\ \Phi_{3}^{4}$
33546	768	1173	$\frac{1}{17}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{1173}\ \Phi_{51}^{2}$
33547	768	1155	$\frac{19}{385}$	$\frac{61}{385}$	$\frac{81}{385}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{33}\ \Phi_{21}\ \Phi_{15}$
33548	768	75	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{75}^{16}\ \Phi_{15}^{13}\ \Phi_{3}^{12}$
33549	768	1425	$\frac{4}{95}$	$\frac{91}{475}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1425}\ \Phi_{75}\ \Phi_{15}$
33550	768	285	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{285}^{5}\ \Phi_{15}^{6}$
33551	768	1785	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	Φ_{1785}
33552	768	285	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{285}^{4}\ \Phi_{57}^{4}\ \Phi_{15}^{5}\ \Phi_{3}^{4}$
33553	768	585	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{585}^{2}\ \Phi_{195}\ \Phi_{65}^{2}$
33554	768	231	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{13}{77}$	$\frac{1}{3}$	$\Phi_{231}^{5}\ \Phi_{33}^{5}\ \Phi_{21}^{5}\ \Phi_{3}^{4}$
33555	768	423	$\frac{5}{47}$	$\frac{1}{9}$	$\frac{7}{47}$	$\frac{1}{3}$	$\Phi_{423}^{2}\ \Phi_{141}\ \Phi_{47}^{2}\ \Phi_{9}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
33556	768	1155	$\frac{41}{385}$	$\frac{43}{385}$	$\frac{57}{385}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{33}\ \Phi_{21}\ \Phi_{15}$
33557	768	105	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{105}^{12}\ \Phi_{21}^{7}\ \Phi_{15}^{12}\ \Phi_{3}^{6}$
33558	768	147	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{147}^{6}\ \Phi_{49}^{6}\ \Phi_{21}$
33559	768	63	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{63}^{14}\ \Phi_{21}^{15}\ \Phi_{7}^{14}$
33560	768	235	$\frac{2}{47}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{15}{47}$	$\Phi_{235}^{3}\ \Phi_{47}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
33561	768	767	$\frac{38}{767}$	$\frac{131}{767}$	$\frac{159}{767}$	$\frac{243}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^{2}$
33562	768	965	$\frac{10}{193}$	$\frac{33}{193}$	$\frac{1}{5}$	$\frac{61}{193}$	Φ_{965}
33563	768	713	$\frac{2}{23}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{7}{23}$	$\Phi_{713}\ \Phi_{31}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$
33564	768	1035	$\frac{2}{23}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{45}^{2}\ \Phi_{15}^{2}$
33565	768	767	$\frac{67}{767}$	$\frac{74}{767}$	$\frac{175}{767}$	$\frac{231}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^{2}$
33566	768	873	$\frac{10}{97}$	$\frac{1}{9}$	$\frac{17}{97}$	$\frac{29}{97}$	$\Phi_{873}\ \Phi_{291}$
33567	768	91	$\frac{1}{13}$	$\frac{10}{91}$	$\frac{3}{13}$	$\frac{27}{91}$	$\Phi_{91}^{8}\ \Phi_{13}^{11}\ \Phi_{7}^{8}\ \Phi_{1}^{12}$
33568	768	767	$\frac{79}{767}$	$\frac{86}{767}$	$\frac{135}{767}$	$\frac{227}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^{2}$
33569	768	965	$\frac{17}{193}$	$\frac{22}{193}$	$\frac{1}{5}$	$\frac{57}{193}$	Φ_{965}
33570	768	585	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{585}^{2}\ \Phi_{117}^{2}\ \Phi_{65}$
33571	768	357	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{357}^{3}\ \Phi_{119}\ \Phi_{51}^{3}$
33572	768	39	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{7}{39}$	$\frac{11}{39}$	$\Phi_{39}^{18}\ \Phi_{13}^{23}\ \Phi_{3}^{18}\ \Phi_{1}^{24}$
33573	768	231	$\frac{1}{21}$	$\frac{2}{11}$	$\frac{5}{21}$	$\frac{3}{11}$	$\Phi_{231}^{3}\ \Phi_{77}^{3}\ \Phi_{33}^{3}\ \Phi_{21}^{6}\ \Phi_{11}^{4}\ \Phi_{7}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
33574	768	935	$\frac{1}{17}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{935}\ \Phi_{85}^{2}$
33575	768	385	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{385}^{2}\ \Phi_{77}\ \Phi_{55}^{2}\ \Phi_{35}^{4}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
33576	768	99	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{99}^{7}\ \Phi_{33}^{7}\ \Phi_{11}^{8}\ \Phi_{9}^{14}\ \Phi_{3}^{14}\ \Phi_{1}^{16}$
33577	768	767	$\frac{35}{767}$	$\frac{146}{767}$	$\frac{183}{767}$	$\frac{207}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
33578	768	975	$\frac{1}{13}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{65}$
33579	768	833	$\frac{1}{17}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{833}\ \Phi_{119}$
33580	768	767	$\frac{71}{767}$	$\frac{87}{767}$	$\frac{170}{767}$	$\frac{199}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^{2}$
33581	768	873	$\frac{9}{97}$	$\frac{1}{9}$	$\frac{22}{97}$	$\frac{25}{97}$	$\Phi_{873}\ \Phi_{291}$
33582	768	301	$\frac{3}{43}$	$\frac{1}{7}$	$\frac{10}{43}$	$\frac{11}{43}$	$\Phi_{301}^{3}\ \Phi_{7}^{2}$
33583	768	59	$\frac{3}{59}$	$\frac{11}{59}$	$\frac{14}{59}$	$\frac{15}{59}$	$\Phi_{59}^{13}\ \Phi_{1}^{14}$
33584	768	965	$\frac{9}{193}$	$\frac{1}{5}$	$\frac{46}{193}$	$\frac{49}{193}$	Φ_{965}
33585	768	420	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{5}{21}$	$\frac{1}{4}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{3}\ \Phi_{70}^{3}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{4}\ \Phi_{10}^{4}$
33586	768	1028	$\frac{13}{257}$	$\frac{49}{257}$	$\frac{61}{257}$	$\frac{1}{4}$	$\Phi_{1028}\ \Phi_{514}$
33587	768	1116	$\frac{3}{31}$	$\frac{1}{9}$	$\frac{7}{31}$	$\frac{1}{4}$	$\Phi_{1116}\ \Phi_{558}\ \Phi_{372}\ \Phi_{186}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
33588	768	1028	$\frac{25}{257}$	$\frac{29}{257}$	$\frac{57}{257}$	$\frac{1}{4}$	$\Phi_{1028}\ \Phi_{514}$
33589	768	340	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{340}^{3}\ \Phi_{170}^{3}\ \Phi_{68}^{4}\ \Phi_{34}^{4}$
33590	768	140	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^{7}\ \Phi_{70}^{7}\ \Phi_{28}^{8}\ \Phi_{20}^{8}\ \Phi_{14}^{8}\ \Phi_{10}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}$
33591	768	180	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^{7}\ \Phi_{90}^{7}\ \Phi_{60}^{7}\ \Phi_{30}^{7}\ \Phi_{20}^{8}\ \Phi_{10}^{8}$
33592	768	235	$\frac{3}{47}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{11}{47}$	$\Phi_{235}^{3}\ \Phi_{47}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
33593	768	767	$\frac{51}{767}$	$\frac{147}{767}$	$\frac{155}{767}$	$\frac{179}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^{2}$
33594	768	965	$\frac{13}{193}$	$\frac{37}{193}$	$\frac{1}{5}$	$\frac{45}{193}$	Φ_{965}
33595	768	713	$\frac{3}{31}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{7}{31}$	$\Phi_{713}\ \Phi_{31}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$
33596	768	1085	$\frac{3}{31}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{7}{31}$	$\Phi_{1085}\ \Phi_{35}^{2}$
33597	768	767	$\frac{75}{767}$	$\frac{99}{767}$	$\frac{167}{767}$	$\frac{173}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^{2}$
33598	768	903	$\frac{13}{129}$	$\frac{1}{7}$	$\frac{25}{129}$	$\frac{29}{129}$	$\Phi_{903}\ \Phi_{301}\ \Phi_{21}$
33599	768	767	$\frac{83}{767}$	$\frac{103}{767}$	$\frac{149}{767}$	$\frac{171}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^{2}$
33600	768	965	$\frac{21}{193}$	$\frac{25}{193}$	$\frac{1}{5}$	$\frac{43}{193}$	Φ_{965}
33601	768	1035	$\frac{1}{9}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{5}{23}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{45}^{2}\ \Phi_{15}^{2}$
33602	768	873	$\frac{1}{9}$	$\frac{13}{97}$	$\frac{19}{97}$	$\frac{21}{97}$	$\Phi_{873}\ \Phi_{291}$
33603	768	767	$\frac{77}{767}$	$\frac{115}{767}$	$\frac{151}{767}$	$\frac{163}{767}$	$\Phi_{767}\ \Phi_{59}\ \Phi_{13}\ \Phi_{1}^{2}$
33604	768	965	$\frac{19}{193}$	$\frac{29}{193}$	$\frac{1}{5}$	$\frac{41}{193}$	Φ_{965}
33605	768	65	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{65}^{13}\ \Phi_{13}^{12}$
33606	768	235	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{235}^{3}\ \Phi_{47}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
33607	768	315	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{315}^{3}\ \Phi_{105}^{3}\ \Phi_{63}^{4}\ \Phi_{21}^{4}$
33608	769	1512	$\frac{13}{756}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{743}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
33609	769	1032	$\frac{5}{258}$	$\frac{1}{6}$	$\frac{263}{1032}$	$\frac{253}{516}$	$\Phi_{1032}\ \Phi_{344}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}\ \Phi_{43}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
33610	769	1440	$\frac{1}{24}$	$\frac{49}{720}$	$\frac{23}{72}$	$\frac{671}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
33611	769	1440	$\frac{49}{720}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{671}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{60}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
33612	769	936	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{167}{936}$	$\frac{145}{312}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
33613	769	1056	$\frac{1}{24}$	$\frac{23}{264}$	$\frac{287}{1056}$	$\frac{241}{528}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
33614	769	896	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{127}{896}$	$\frac{97}{224}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{128}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
33615	769	1344	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{97}{672}$	$\frac{575}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
33616	769	840	$\frac{1}{12}$	$\frac{71}{840}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
33617	769	960	$\frac{1}{32}$	$\frac{31}{160}$	$\frac{191}{960}$	$\frac{129}{320}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
33618	769	1280	$\frac{1}{32}$	$\frac{31}{160}$	$\frac{129}{640}$	$\frac{511}{1280}$	$\Phi_{1280}\ \Phi_{256}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
33619	769	1248	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{145}{624}$	$\frac{479}{1248}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
33620	769	792	$\frac{23}{792}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
33621	769	864	$\frac{1}{24}$	$\frac{95}{864}$	$\frac{23}{72}$	$\frac{49}{144}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
33622	769	1152	$\frac{1}{96}$	$\frac{95}{288}$	$\frac{383}{1152}$	$\frac{193}{576}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
33623	769	1134	$\frac{13}{378}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{365}{1134}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{162}\ \Phi_{81}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
33624	769	1080	$\frac{1}{24}$	$\frac{49}{360}$	$\frac{311}{1080}$	$\frac{23}{72}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
33625	769	1008	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{239}{1008}$	$\frac{97}{336}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
33626	769	1080	$\frac{1}{12}$	$\frac{49}{360}$	$\frac{11}{60}$	$\frac{311}{1080}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
33627	769	810	$\frac{41}{810}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{90}\ \Phi_{81}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
33628	769	1008	$\frac{13}{252}$	$\frac{1}{6}$	$\frac{239}{1008}$	$\frac{5}{18}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
33629	769	882	$\frac{13}{126}$	$\frac{113}{882}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{882}\ \Phi_{441}\ \Phi_{294}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
33630	769	864	$\frac{95}{864}$	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
33631	769	900	$\frac{1}{12}$	$\frac{131}{900}$	$\frac{11}{60}$	$\frac{49}{180}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
33632	769	960	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{191}{960}$	$\frac{49}{240}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
33633	770	1224	$\frac{1}{153}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{76}{153}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}\ \Phi_{51}\ \Phi_{24}\ \Phi_{17}\ \Phi_{9}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
33634	770	1308	$\frac{1}{109}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{54}{109}$	$\Phi_{1308}\ \Phi_{436}\ \Phi_{109}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
33635	770	981	$\frac{1}{109}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{54}{109}$	$\Phi_{981}\ \Phi_{109}\ \Phi_{9}^2\ \Phi_{1}^2$
33636	770	1368	$\frac{1}{76}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{75}{152}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{152}^2\ \Phi_{72}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
33637	770	456	$\frac{1}{76}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{75}{152}$	$\Phi_{456}^3\ \Phi_{152}^4\ \Phi_{24}^3\ \Phi_{8}^4\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
33638	770	1380	$\frac{1}{69}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{34}{69}$	$\Phi_{1380}\ \Phi_{460}\ \Phi_{276}\ \Phi_{92}\ \Phi_{69}\ \Phi_{60}\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
33639	770	345	$\frac{1}{69}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{34}{69}$	$\Phi_{345}^2\ \Phi_{115}^2\ \Phi_{69}^3\ \Phi_{23}^3\ \Phi_{15}^3\ \Phi_{5}^2\ \Phi_{3}^4\ \Phi_{1}^4$
33640	770	1404	$\frac{1}{54}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{53}{108}$	$\Phi_{1404}\ \Phi_{468}\ \Phi_{156}\ \Phi_{108}^2\ \Phi_{52}\ \Phi_{36}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
33641	770	216	$\frac{1}{54}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{53}{108}$	$\Phi_{216}^4\ \Phi_{108}^2\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{36}^2\ \Phi_{27}^4\ \Phi_{24}^5\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_{9}^4\ \Phi_{8}^4\ \Phi_{6}^5\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
33642	770	1650	$\frac{2}{75}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{1650}\ \Phi_{550}\ \Phi_{330}\ \Phi_{110}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
33643	770	150	$\frac{2}{75}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{73}{150}$	$\Phi_{150}^4\ \Phi_{75}^6\ \Phi_{50}^4\ \Phi_{30}^5\ \Phi_{25}^6\ \Phi_{15}^7\ \Phi_{10}^5\ \Phi_{6}^4\ \Phi_{5}^6\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
33644	770	296	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{19}{74}$	$\frac{18}{37}$	$\Phi_{296}^3\ \Phi_{148}^3\ \Phi_{74}\ \Phi_{37}^2\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{1}^2$
33645	770	1428	$\frac{1}{34}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{33}{68}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{204}\ \Phi_{84}\ \Phi_{68}^2\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
33646	770	204	$\frac{1}{34}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{204}^3\ \Phi_{102}^4\ \Phi_{68}^4\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_{12}^5\ \Phi_{6}^6\ \Phi_{4}^6\ \Phi_{3}^5\ \Phi_{2}^6\ \Phi_{1}^6$
33647	770	476	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{33}{68}$	$\Phi_{476}^3\ \Phi_{68}^4\ \Phi_{28}^3\ \Phi_{14}^2\ \Phi_{7}\ \Phi_{4}^4\ \Phi_{2}^2\ \Phi_{1}^2$
33648	770	186	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{16}{93}$	$\frac{15}{31}$	$\Phi_{186}^5\ \Phi_{93}^3\ \Phi_{62}^5\ \Phi_{31}^4\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
33649	770	1144	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{1144}\ \Phi_{286}\ \Phi_{143}\ \Phi_{88}\ \Phi_{22}$
33650	770	357	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{10}{21}$	$\Phi_{357}^2\ \Phi_{119}^2\ \Phi_{51}^3\ \Phi_{21}^3\ \Phi_{17}^2\ \Phi_{7}^3\ \Phi_{3}^4\ \Phi_{1}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
33651	770	357	$\frac{1}{21}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{10}{21}$	$\Phi_{357}^2\ \Phi_{119}^2\ \Phi_{51}^2\ \Phi_{21}^3\ \Phi_{17}^4\ \Phi_7^3\ \Phi_3^3\ \Phi_1^6$
33652	770	168	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{10}{21}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{42}^2\ \Phi_{28}^5\ \Phi_{24}^7\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^7\ \Phi_8^6\ \Phi_7^3\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
33653	770	1560	$\frac{3}{52}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
33654	770	1518	$\frac{1}{23}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{1518}\ \Phi_{506}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
33655	770	1584	$\frac{5}{72}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
33656	770	769	$\frac{57}{769}$	$\frac{59}{769}$	$\frac{142}{769}$	$\frac{356}{769}$	$\Phi_{769}\ \Phi_1^2$
33657	770	741	$\frac{2}{57}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{741}\ \Phi_{247}\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_{13}\ \Phi_1^2$
33658	770	1053	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{26}{81}$	$\frac{6}{13}$	$\Phi_{1053}\ \Phi_{81}^2\ \Phi_{13}\ \Phi_1^2$
33659	770	936	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{17}{72}$	$\frac{6}{13}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{72}^2\ \Phi_{52}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
33660	770	351	$\frac{2}{27}$	$\frac{1}{13}$	$\frac{5}{27}$	$\frac{6}{13}$	$\Phi_{351}^2\ \Phi_{117}^2\ \Phi_{39}^2\ \Phi_{27}^4\ \Phi_{13}^3\ \Phi_9^4\ \Phi_3^4\ \Phi_1^6$
33661	770	156	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{156}^5\ \Phi_{78}^4\ \Phi_{52}^5\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{13}^5\ \Phi_{12}^{10}\ \Phi_6^8\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
33662	770	819	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{6}{13}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{91}\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_1^2$
33663	770	769	$\frac{61}{769}$	$\frac{83}{769}$	$\frac{98}{769}$	$\frac{354}{769}$	$\Phi_{769}\ \Phi_1^2$
33664	770	296	$\frac{3}{37}$	$\frac{4}{37}$	$\frac{1}{8}$	$\frac{17}{37}$	$\Phi_{296}^3\ \Phi_{148}^3\ \Phi_{74}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
33665	770	1104	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{1104}\ \Phi_{368}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
33666	770	930	$\frac{12}{155}$	$\frac{13}{155}$	$\frac{1}{6}$	$\frac{71}{155}$	$\Phi_{930}\ \Phi_{465}\ \Phi_{310}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
33667	770	1472	$\frac{1}{23}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{1472}\ \Phi_{92}\ \Phi_{46}$
33668	770	180	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^3\ \Phi_{45}^4\ \Phi_{36}^6\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^6\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_9^6\ \Phi_6^6\ \Phi_5^4\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
33669	770	460	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{11}{46}$	$\frac{9}{20}$	$\Phi_{460}^3\ \Phi_{92}^3\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{20}^4\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
33670	770	1380	$\frac{4}{69}$	$\frac{1}{10}$	$\frac{13}{69}$	$\frac{9}{20}$	$\Phi_{1380}\ \Phi_{460}\ \Phi_{276}\ \Phi_{92}\ \Phi_{69}\ \Phi_{60}\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
33671	770	60	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{60}^{23}\ \Phi_{30}^3\ \Phi_{20}^{24}\ \Phi_{15}^2\ \Phi_{12}^{23}\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^{24}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
33672	770	460	$\frac{2}{23}$	$\frac{1}{10}$	$\frac{3}{23}$	$\frac{9}{20}$	$\Phi_{460}^3\ \Phi_{92}^3\ \Phi_{23}^3\ \Phi_{20}^4\ \Phi_4^4\ \Phi_1^4$
33673	770	440	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{440}^2\ \Phi_{220}\ \Phi_{110}^2\ \Phi_{88}^3\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{22}^3\ \Phi_{11}^2$
33674	770	342	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{37}{114}$	$\frac{4}{9}$	$\Phi_{342}^2\ \Phi_{171}^2\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
33675	770	720	$\frac{3}{80}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}^2\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
33676	770	855	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{18}{95}$	$\frac{4}{9}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{95}^2\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
33677	770	342	$\frac{3}{38}$	$\frac{1}{9}$	$\frac{5}{38}$	$\frac{4}{9}$	$\Phi_{342}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
33678	770	72	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{72}^{11}\ \Phi_{36}^8\ \Phi_{24}^{15}\ \Phi_{18}^8\ \Phi_{12}^{11}\ \Phi_9^9\ \Phi_8^{14}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
33679	770	769	$\frac{39}{769}$	$\frac{89}{769}$	$\frac{146}{769}$	$\frac{340}{769}$	$\Phi_{769}\ \Phi_1^2$
33680	770	1470	$\frac{1}{15}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{1470}\ \Phi_{490}\ \Phi_{294}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{10}\ \Phi_6$
33681	770	960	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
33682	770	852	$\frac{1}{12}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{31}{71}$	$\Phi_{852}\ \Phi_{426}\ \Phi_{284}\ \Phi_{213}\ \Phi_{142}$
33683	770	769	$\frac{62}{769}$	$\frac{87}{769}$	$\frac{101}{769}$	$\frac{334}{769}$	$\Phi_{769}\ \Phi_1^2$
33684	770	930	$\frac{8}{155}$	$\frac{21}{155}$	$\frac{1}{6}$	$\frac{67}{155}$	$\Phi_{930}\ \Phi_{465}\ \Phi_{310}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
33685	770	480	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{480}^3\ \Phi_{160}^3\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
33686	770	168	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{56}^4\ \Phi_{42}^5\ \Phi_{28}^4\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_8^4\ \Phi_7^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
33687	770	1308	$\frac{4}{109}$	$\frac{1}{6}$	$\frac{21}{109}$	$\frac{5}{12}$	$\Phi_{1308}\ \Phi_{436}\ \Phi_{109}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
33688	770	276	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{276}^5\ \Phi_{138}\ \Phi_{92}^5\ \Phi_{69}\ \Phi_{46}$
33689	770	1308	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1308}\ \Phi_{436}\ \Phi_{109}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
33690	770	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{132}^6\ \Phi_{66}^7\ \Phi_{44}^6\ \Phi_{33}^7\ \Phi_{22}^7\ \Phi_{11}^6$
33691	770	769	$\frac{41}{769}$	$\frac{104}{769}$	$\frac{133}{769}$	$\frac{318}{769}$	$\Phi_{769}\ \Phi_1^2$
33692	770	852	$\frac{1}{12}$	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{29}{71}$	$\Phi_{852}\ \Phi_{426}\ \Phi_{284}\ \Phi_{213}\ \Phi_{142}$
33693	770	769	$\frac{64}{769}$	$\frac{65}{769}$	$\frac{141}{769}$	$\frac{314}{769}$	$\Phi_{769}\ \Phi_1^2$
33694	770	1430	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{1430}\ \Phi_{286}\ \Phi_{143}\ \Phi_{110}\ \Phi_{22}$
33695	770	296	$\frac{2}{37}$	$\frac{1}{8}$	$\frac{7}{37}$	$\frac{15}{37}$	$\Phi_{296}^3\ \Phi_{148}^3\ \Phi_{74}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
33696	770	280	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{280}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{56}^2\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}\ \Phi_8^2\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
33697	770	240	$\frac{3}{80}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^2\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^2\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_{10}\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
33698	770	1278	$\frac{1}{71}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1278}\ \Phi_{426}\ \Phi_{213}\ \Phi_{142}$
33699	770	372	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{15}{62}$	$\frac{47}{124}$	$\Phi_{372}^4\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{93}\ \Phi_{62}\ \Phi_{12}^4\ \Phi_4^2$
33700	770	312	$\frac{1}{78}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{312}^4\ \Phi_{104}^4\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}^3\ \Phi_{13}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
33701	770	1136	$\frac{1}{71}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1136}\ \Phi_{284}\ \Phi_{142}$
33702	770	408	$\frac{1}{51}$	$\frac{25}{102}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^3\ \Phi_{136}^3\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{24}^3\ \Phi_{17}\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
33703	770	408	$\frac{2}{51}$	$\frac{7}{51}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^3\ \Phi_{136}^3\ \Phi_{51}^3\ \Phi_{24}^3\ \Phi_{17}^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
33704	770	184	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{184}^4\ \Phi_{92}^5\ \Phi_{46}^5\ \Phi_{23}^4$
33705	770	648	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{648}^2\ \Phi_{216}^2\ \Phi_{81}^2\ \Phi_{72}\ \Phi_{27}^2\ \Phi_{24}\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
33706	770	680	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{680}^2\ \Phi_{136}\ \Phi_{85}^2\ \Phi_{40}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_5^2\ \Phi_1^2$
33707	770	1224	$\frac{10}{153}$	$\frac{13}{153}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}\ \Phi_{51}\ \Phi_{24}\ \Phi_{17}\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
33708	770	120	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^{11}\ \Phi_{60}^3\ \Phi_{40}^{11}\ \Phi_{30}^3\ \Phi_{24}^7\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^8\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
33709	770	1242	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{1242}\ \Phi_{414}\ \Phi_{207}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
33710	770	420	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{420}^3\ \Phi_{210}\ \Phi_{140}^3\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{60}^3\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^3\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_4^2$
33711	770	504	$\frac{1}{56}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
33712	770	456	$\frac{2}{57}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{456}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
33713	770	114	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{37}{114}$	$\frac{1}{3}$	$\Phi_{114}^7\ \Phi_{57}^7\ \Phi_{38}^6\ \Phi_{19}^6\ \Phi_6^9\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
33714	770	648	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
33715	770	204	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{204}^4\ \Phi_{102}^4\ \Phi_{68}^4\ \Phi_{51}^3\ \Phi_{34}^4\ \Phi_{17}^2\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
33716	770	180	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{36}^6\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^6\ \Phi_{15}^3\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_9^6\ \Phi_6^6\ \Phi_5^2\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
33717	770	240	$\frac{3}{80}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^4\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
33718	770	72	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{72}^{10}\ \Phi_{36}^{10}\ \Phi_{24}^{11}\ \Phi_{18}^{12}\ \Phi_{12}^{11}\ \Phi_9^{12}\ \Phi_8^{10}\ \Phi_6^{13}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
33719	770	981	$\frac{4}{109}$	$\frac{21}{109}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{981}\ \Phi_{109}\ \Phi_9^2\ \Phi_1^2$
33720	770	414	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{414}^3\ \Phi_{207}^2\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
33721	770	936	$\frac{7}{117}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
33722	770	981	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{981}\ \Phi_{109}\ \Phi_9^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
33723	770	396	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{396}^{3}\,\Phi_{198}^{3}\,\Phi_{132}\,\Phi_{99}^{2}\,\Phi_{66}\,\Phi_{44}\,\Phi_{33}\,\Phi_{22}$
33724	770	570	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{18}{95}$	$\frac{1}{3}$	$\Phi_{570}^{2}\,\Phi_{285}\,\Phi_{190}^{2}\,\Phi_{95}^{2}\,\Phi_{30}^{2}\,\Phi_{15}\,\Phi_{10}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
33725	770	216	$\frac{2}{27}$	$\frac{1}{8}$	$\frac{5}{27}$	$\frac{1}{3}$	$\Phi_{216}^{4}\,\Phi_{108}^{4}\,\Phi_{72}^{4}\,\Phi_{54}^{4}\,\Phi_{36}^{4}\,\Phi_{24}^{5}\,\Phi_{18}^{4}\,\Phi_{12}^{5}\,\Phi_{8}^{4}\,\Phi_{6}^{5}\,\Phi_{4}^{4}\,\Phi_{2}^{4}$
33726	770	1158	$\frac{31}{386}$	$\frac{45}{386}$	$\frac{71}{386}$	$\frac{1}{3}$	$\Phi_{1158}\,\Phi_{579}\,\Phi_{6}$
33727	770	204	$\frac{1}{12}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{204}^{4}\,\Phi_{102}^{4}\,\Phi_{68}^{4}\,\Phi_{51}^{2}\,\Phi_{34}^{4}\,\Phi_{17}^{4}\,\Phi_{12}^{6}\,\Phi_{6}^{6}\,\Phi_{4}^{6}\,\Phi_{3}^{3}\,\Phi_{2}^{6}\,\Phi_{1}^{6}$
33728	770	1158	$\frac{29}{386}$	$\frac{51}{386}$	$\frac{67}{386}$	$\frac{1}{3}$	$\Phi_{1158}\,\Phi_{579}\,\Phi_{6}$
33729	770	114	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{114}^{6}\,\Phi_{57}^{6}\,\Phi_{38}^{8}\,\Phi_{19}^{8}\,\Phi_{6}^{8}\,\Phi_{3}^{7}\,\Phi_{2}^{10}\,\Phi_{1}^{10}$
33730	770	24	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{24}^{37}\,\Phi_{12}^{27}\,\Phi_{8}^{36}\,\Phi_{6}^{29}\,\Phi_{4}^{26}\,\Phi_{3}^{28}\,\Phi_{2}^{28}\,\Phi_{1}^{28}$
33731	770	990	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{990}\,\Phi_{495}\,\Phi_{330}\,\Phi_{198}\,\Phi_{110}\,\Phi_{99}\,\Phi_{66}\,\Phi_{33}\,\Phi_{22}$
33732	770	504	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{63}$	$\frac{1}{3}$	$\Phi_{504}^{2}\,\Phi_{252}^{2}\,\Phi_{168}^{2}\,\Phi_{126}^{2}\,\Phi_{84}^{2}\,\Phi_{56}^{2}\,\Phi_{42}^{2}\,\Phi_{28}^{2}\,\Phi_{24}\,\Phi_{14}^{2}\,\Phi_{12}\,\Phi_{6}$
33733	770	450	$\frac{4}{75}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{71}{225}$	$\Phi_{450}^{3}\,\Phi_{225}^{2}\,\Phi_{90}^{3}\,\Phi_{45}^{2}\,\Phi_{30}\,\Phi_{18}^{3}\,\Phi_{15}\,\Phi_{10}\,\Phi_{9}^{2}$
33734	770	714	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{16}{51}$	$\Phi_{714}^{2}\,\Phi_{357}\,\Phi_{102}^{2}\,\Phi_{51}^{2}\,\Phi_{42}^{2}\,\Phi_{21}\,\Phi_{14}^{2}\,\Phi_{7}\,\Phi_{6}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
33735	770	360	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{360}^{3}\,\Phi_{180}^{3}\,\Phi_{120}\,\Phi_{90}^{3}\,\Phi_{72}^{2}\,\Phi_{60}\,\Phi_{45}^{3}\,\Phi_{40}\,\Phi_{36}^{2}\,\Phi_{30}\,\Phi_{24}\,\Phi_{20}\,\Phi_{18}^{2}\,\Phi_{12}\,\Phi_{10}\,\Phi_{9}^{2}\,\Phi_{6}$
33736	770	1188	$\frac{1}{11}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{1188}\,\Phi_{594}\,\Phi_{297}\,\Phi_{66}\,\Phi_{33}\,\Phi_{22}$
33737	770	210	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{210}^{5}\,\Phi_{105}^{3}\,\Phi_{70}^{5}\,\Phi_{42}^{5}\,\Phi_{35}^{3}\,\Phi_{30}^{5}\,\Phi_{21}^{3}\,\Phi_{15}^{2}\,\Phi_{10}^{5}\,\Phi_{6}^{5}\,\Phi_{5}^{2}\,\Phi_{3}^{2}$
33738	770	990	$\frac{1}{11}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{990}\,\Phi_{495}\,\Phi_{330}\,\Phi_{165}\,\Phi_{110}\,\Phi_{66}\,\Phi_{55}\,\Phi_{33}\,\Phi_{22}$
33739	770	1104	$\frac{1}{23}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{1104}\,\Phi_{552}\,\Phi_{276}\,\Phi_{138}\,\Phi_{92}\,\Phi_{69}\,\Phi_{46}$
33740	770	690	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{11}{46}$	$\frac{4}{15}$	$\Phi_{690}^{2}\,\Phi_{345}\,\Phi_{138}^{2}\,\Phi_{69}\,\Phi_{46}^{2}\,\Phi_{30}^{2}\,\Phi_{23}\,\Phi_{15}^{2}\,\Phi_{6}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
33741	770	345	$\frac{4}{69}$	$\frac{13}{69}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{345}^{2}\,\Phi_{115}^{2}\,\Phi_{69}^{3}\,\Phi_{23}^{3}\,\Phi_{15}^{3}\,\Phi_{5}^{2}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
33742	770	30	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{30}^{31}\,\Phi_{15}^{21}\,\Phi_{10}^{31}\,\Phi_{6}^{30}\,\Phi_{5}^{20}\,\Phi_{3}^{20}\,\Phi_{2}^{30}\,\Phi_{1}^{20}$
33743	770	345	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{345}^{3}\,\Phi_{69}^{3}\,\Phi_{23}^{3}\,\Phi_{15}^{4}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
33744	770	1320	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1320}\,\Phi_{660}\,\Phi_{330}\,\Phi_{264}\,\Phi_{132}\,\Phi_{88}\,\Phi_{66}\,\Phi_{44}\,\Phi_{22}$
33745	770	300	$\frac{2}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{23}{100}$	$\Phi_{300}^{4}\,\Phi_{150}^{2}\,\Phi_{100}^{2}\,\Phi_{75}^{2}\,\Phi_{60}^{4}\,\Phi_{30}^{3}\,\Phi_{25}^{2}\,\Phi_{20}^{2}\,\Phi_{15}^{3}\,\Phi_{12}^{4}\,\Phi_{10}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
33746	770	238	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{3}{17}$	$\frac{3}{14}$	$\Phi_{238}^{4}\,\Phi_{119}^{2}\,\Phi_{34}^{4}\,\Phi_{17}^{4}\,\Phi_{14}^{6}\,\Phi_{7}^{3}\,\Phi_{2}^{6}\,\Phi_{1}^{6}$
33747	770	168	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{168}^{6}\,\Phi_{84}^{6}\,\Phi_{56}^{3}\,\Phi_{42}^{3}\,\Phi_{28}^{3}\,\Phi_{24}^{8}\,\Phi_{21}^{3}\,\Phi_{14}^{2}\,\Phi_{12}^{8}\,\Phi_{8}^{4}\,\Phi_{7}\,\Phi_{6}^{4}\,\Phi_{4}^{4}\,\Phi_{3}^{4}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
33748	770	1056	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{1056}\,\Phi_{528}\,\Phi_{352}\,\Phi_{176}\,\Phi_{66}\,\Phi_{33}\,\Phi_{22}$
33749	770	150	$\frac{3}{25}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{150}^{6}\,\Phi_{75}^{6}\,\Phi_{50}^{6}\,\Phi_{30}^{7}\,\Phi_{15}^{7}\,\Phi_{10}^{7}\,\Phi_{6}^{6}\,\Phi_{3}^{6}\,\Phi_{2}^{6}$
33750	770	90	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{90}^{10}\,\Phi_{45}^{10}\,\Phi_{30}^{5}\,\Phi_{18}^{10}\,\Phi_{15}^{7}\,\Phi_{10}^{5}\,\Phi_{9}^{10}\,\Phi_{6}^{4}\,\Phi_{5}^{6}\,\Phi_{3}^{6}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
33751	771	1232	$\frac{1}{154}$	$\frac{155}{616}$	$\frac{461}{1232}$	$\frac{153}{308}$	$\Phi_{1232}\,\Phi_{308}\,\Phi_{176}\,\Phi_{112}\,\Phi_{44}\,\Phi_{28}\,\Phi_{16}\,\Phi_{4}\,\Phi_{1}$
33752	771	1020	$\frac{2}{255}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{253}{510}$	$\Phi_{1020}\,\Phi_{340}\,\Phi_{255}\,\Phi_{204}\,\Phi_{85}\,\Phi_{68}\,\Phi_{60}\,\Phi_{51}\,\Phi_{20}\,\Phi_{17}\,\Phi_{15}\,\Phi_{12}^{2}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
33753	771	440	$\frac{1}{110}$	$\frac{37}{220}$	$\frac{183}{440}$	$\frac{109}{220}$	$\Phi_{440}^{3}\,\Phi_{220}\,\Phi_{88}^{3}\,\Phi_{44}\,\Phi_{40}^{3}\,\Phi_{20}\,\Phi_{8}^{3}\,\Phi_{4}\,\Phi_{1}$
33754	771	344	$\frac{1}{86}$	$\frac{1}{4}$	$\frac{87}{344}$	$\frac{85}{172}$	$\Phi_{344}^{3}\,\Phi_{172}^{2}\,\Phi_{86}\,\Phi_{43}\,\Phi_{8}^{3}\,\Phi_{4}\,\Phi_{1}$
33755	771	1400	$\frac{1}{70}$	$\frac{71}{700}$	$\frac{629}{1400}$	$\frac{69}{140}$	$\Phi_{1400}\,\Phi_{280}\,\Phi_{200}\,\Phi_{140}\,\Phi_{56}\,\Phi_{40}\,\Phi_{28}\,\Phi_{20}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
33756	771	1520	$\frac{11}{760}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{749}{1520}$	$\Phi_{1520}\,\Phi_{304}\,\Phi_{80}\,\Phi_{20}\,\Phi_{16}\,\Phi_{4}\,\Phi_{1}$
33757	771	504	$\frac{5}{252}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{247}{504}$	$\Phi_{504}^{3}\,\Phi_{168}^{3}\,\Phi_{72}^{3}\,\Phi_{56}^{3}\,\Phi_{28}\,\Phi_{24}^{3}\,\Phi_{8}^{3}\,\Phi_{4}\,\Phi_{1}$
33758	771	504	$\frac{5}{252}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{247}{504}$	$\Phi_{504}^{3}\,\Phi_{168}^{3}\,\Phi_{72}^{3}\,\Phi_{56}^{3}\,\Phi_{24}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
33759	771	504	$\frac{5}{252}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{247}{504}$	$\Phi_{504}^{3}\,\Phi_{168}^{3}\,\Phi_{72}^{3}\,\Phi_{56}^{3}\,\Phi_{24}^{3}\,\Phi_{12}^{2}\,\Phi_{8}^{3}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
33760	771	1036	$\frac{6}{259}$	$\frac{1}{7}$	$\frac{265}{1036}$	$\frac{253}{518}$	$\Phi_{1036}\,\Phi_{259}\,\Phi_{148}\,\Phi_{37}\,\Phi_{28}\,\Phi_{4}\,\Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
33761	771	310	$\frac{4}{155}$	$\frac{53}{310}$	$\frac{1}{5}$	$\frac{151}{310}$	$\Phi_{310}^2\ \Phi_{155}^3\ \Phi_{62}^2\ \Phi_{31}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
33762	771	500	$\frac{7}{250}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{243}{500}$	$\Phi_{500}^3\ \Phi_{100}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
33763	771	500	$\frac{7}{250}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{243}{500}$	$\Phi_{500}^3\ \Phi_{100}^3\ \Phi_{25}\ \Phi_{20}^3\ \Phi_4^3\ \Phi_1$
33764	771	1496	$\frac{23}{748}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{725}{1496}$	$\Phi_{1496}\ \Phi_{136}\ \Phi_{88}\ \Phi_{44}\ \Phi_8\ \Phi_4\ \Phi_1$
33765	771	1040	$\frac{9}{260}$	$\frac{1}{10}$	$\frac{269}{1040}$	$\frac{251}{520}$	$\Phi_{1040}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{16}\ \Phi_{13}\ \Phi_4\ \Phi_1$
33766	771	1456	$\frac{43}{728}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{685}{1456}$	$\Phi_{1456}\ \Phi_{208}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
33767	771	484	$\frac{1}{22}$	$\frac{15}{242}$	$\frac{7}{22}$	$\frac{227}{484}$	$\Phi_{484}^3\ \Phi_{44}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
33768	771	480	$\frac{17}{240}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{223}{480}$	$\Phi_{480}^3\ \Phi_{160}^3\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
33769	771	336	$\frac{5}{84}$	$\frac{1}{14}$	$\frac{79}{336}$	$\frac{13}{28}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
33770	771	280	$\frac{1}{14}$	$\frac{23}{280}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{280}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
33771	771	352	$\frac{1}{22}$	$\frac{7}{88}$	$\frac{95}{352}$	$\frac{81}{176}$	$\Phi_{352}^3\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{32}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
33772	771	1408	$\frac{1}{22}$	$\frac{67}{704}$	$\frac{21}{88}$	$\frac{637}{1408}$	$\Phi_{1408}\ \Phi_{128}\ \Phi_{88}\ \Phi_{44}\ \Phi_8\ \Phi_4\ \Phi_1$
33773	771	380	$\frac{11}{380}$	$\frac{1}{10}$	$\frac{123}{380}$	$\frac{9}{20}$	$\Phi_{380}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{20}^3\ \Phi_{19}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
33774	771	800	$\frac{29}{800}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
33775	771	896	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{125}{896}$	$\frac{99}{224}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{128}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
33776	771	1372	$\frac{1}{14}$	$\frac{85}{686}$	$\frac{13}{98}$	$\frac{601}{1372}$	$\Phi_{1372}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{28}\ \Phi_4\ \Phi_1$
33777	771	448	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{33}{224}$	$\frac{191}{448}$	$\Phi_{448}^3\ \Phi_{112}\ \Phi_{64}^3\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
33778	771	280	$\frac{23}{280}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{280}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
33779	771	800	$\frac{29}{800}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
33780	771	264	$\frac{7}{264}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{264}^3\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^3\ \Phi_{12}^2\ \Phi_{11}^3\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
33781	771	440	$\frac{1}{55}$	$\frac{37}{220}$	$\frac{18}{55}$	$\frac{183}{440}$	$\Phi_{440}^3\ \Phi_{88}^3\ \Phi_{55}^2\ \Phi_{40}^3\ \Phi_{11}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_1^3$
33782	771	440	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{37}{220}$	$\frac{183}{440}$	$\Phi_{440}^3\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{40}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
33783	771	1300	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{121}{650}$	$\frac{529}{1300}$	$\Phi_{1300}\ \Phi_{260}\ \Phi_{130}\ \Phi_{100}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_4\ \Phi_1$
33784	771	860	$\frac{1}{43}$	$\frac{42}{215}$	$\frac{1}{4}$	$\frac{173}{430}$	$\Phi_{860}\ \Phi_{215}\ \Phi_{172}^2\ \Phi_{86}\ \Phi_{43}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
33785	771	1100	$\frac{1}{55}$	$\frac{54}{275}$	$\frac{329}{1100}$	$\frac{221}{550}$	$\Phi_{1100}\ \Phi_{275}\ \Phi_{220}\ \Phi_{100}\ \Phi_{44}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
33786	771	420	$\frac{1}{70}$	$\frac{47}{210}$	$\frac{23}{70}$	$\frac{163}{420}$	$\Phi_{420}^3\ \Phi_{140}^3\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
33787	771	880	$\frac{1}{22}$	$\frac{109}{880}$	$\frac{21}{88}$	$\frac{67}{176}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
33788	771	1240	$\frac{4}{155}$	$\frac{1}{5}$	$\frac{151}{620}$	$\frac{469}{1240}$	$\Phi_{1240}\ \Phi_{248}\ \Phi_{155}\ \Phi_{40}\ \Phi_{31}\ \Phi_8\ \Phi_1$
33789	771	1120	$\frac{1}{70}$	$\frac{69}{280}$	$\frac{349}{1120}$	$\frac{211}{560}$	$\Phi_{1120}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{56}\ \Phi_{40}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
33790	771	266	$\frac{9}{266}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{266}^3\ \Phi_{133}^3\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_7^2\ \Phi_1^3$
33791	771	396	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{59}{198}$	$\frac{139}{396}$	$\Phi_{396}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{36}^3\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
33792	771	275	$\frac{18}{275}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{275}^3\ \Phi_{55}^2\ \Phi_{25}^3\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^3$
33793	771	392	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{61}{196}$	$\frac{135}{392}$	$\Phi_{392}^3\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}^3\ \Phi_{49}\ \Phi_{28}\ \Phi_8^3\ \Phi_4\ \Phi_1$
33794	771	330	$\frac{1}{55}$	$\frac{73}{330}$	$\frac{18}{55}$	$\frac{37}{110}$	$\Phi_{330}^3\ \Phi_{165}^3\ \Phi_{66}^3\ \Phi_{55}^2\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{11}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_3^3\ \Phi_1^3$
33795	771	612	$\frac{2}{51}$	$\frac{49}{306}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{612}^2\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
33796	771	540	$\frac{13}{270}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}\ \Phi_{180}^2\ \Phi_{135}\ \Phi_{108}^2\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
33797	771	378	$\frac{5}{126}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{121}{378}$	$\Phi_{378}^3\ \Phi_{189}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_7^2\ \Phi_1^3$
33798	771	756	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{121}{378}$	$\Phi_{756}^2\ \Phi_{378}\ \Phi_{189}\ \Phi_{108}^2\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
33799	771	375	$\frac{7}{125}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{118}{375}$	$\Phi_{375}^3\ \Phi_{75}^3\ \Phi_{25}\ \Phi_{15}^3\ \Phi_3^3\ \Phi_1$
33800	771	300	$\frac{1}{10}$	$\frac{7}{50}$	$\frac{43}{300}$	$\frac{3}{10}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
33801	771	336	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{79}{336}$	$\frac{33}{112}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}\ \Phi_{84}^3\ \Phi_{56}\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}\ \Phi_{12}^3\ \Phi_8\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
33802	771	360	$\frac{1}{10}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{103}{360}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
33803	771	273	$\frac{16}{273}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{273}^3\ \Phi_{91}^3\ \Phi_{39}^3\ \Phi_{13}^3\ \Phi_7^2\ \Phi_1^3$
33804	771	336	$\frac{5}{84}$	$\frac{1}{7}$	$\frac{79}{336}$	$\frac{2}{7}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
33805	771	315	$\frac{5}{63}$	$\frac{1}{7}$	$\frac{58}{315}$	$\frac{2}{7}$	$\Phi_{315}^3\ \Phi_{105}^3\ \Phi_{45}^3\ \Phi_{35}^3\ \Phi_{15}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
33806	771	280	$\frac{23}{280}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{280}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
33807	771	294	$\frac{5}{42}$	$\frac{37}{294}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{294}^3\ \Phi_{147}^3\ \Phi_{98}^3\ \Phi_{49}^3\ \Phi_7^2\ \Phi_1^3$
33808	771	300	$\frac{1}{10}$	$\frac{43}{300}$	$\frac{3}{20}$	$\frac{17}{60}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
33809	771	275	$\frac{18}{275}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{275}^3\ \Phi_{55}^3\ \Phi_{25}\ \Phi_{11}^3\ \Phi_1$
33810	771	540	$\frac{13}{270}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{540}^2\ \Phi_{270}\ \Phi_{180}^2\ \Phi_{135}\ \Phi_{108}^2\ \Phi_{90}\ \Phi_{60}^2\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
33811	771	352	$\frac{1}{22}$	$\frac{67}{352}$	$\frac{21}{88}$	$\frac{95}{352}$	$\Phi_{352}^2\ \Phi_{176}^2\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{32}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_8^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
33812	771	336	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{79}{336}$	$\frac{1}{4}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
33813	771	288	$\frac{31}{288}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
33814	771	588	$\frac{5}{42}$	$\frac{37}{294}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{588}^2\ \Phi_{294}\ \Phi_{196}^2\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
33815	771	1000	$\frac{21}{250}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{229}{1000}$	$\Phi_{1000}\ \Phi_{500}\ \Phi_{200}\ \Phi_{100}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
33816	771	320	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{63}{320}$	$\frac{17}{80}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
33817	771	875	$\frac{104}{875}$	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\Phi_{875}\ \Phi_{175}\ \Phi_{35}\ \Phi_{25}\ \Phi_7\ \Phi_1$
33818	771	300	$\frac{7}{50}$	$\frac{43}{300}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{25}\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1$
33819	772	384	$\frac{1}{192}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{191}{384}$	$\Phi_{384}^4\ \Phi_{128}^4\ \Phi_3\ \Phi_1^2$
33820	772	258	$\frac{1}{129}$	$\frac{65}{258}$	$\frac{1}{3}$	$\frac{64}{129}$	$\Phi_{258}^4\ \Phi_{129}^2\ \Phi_{86}^4\ \Phi_{43}^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
33821	772	765	$\frac{7}{765}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{379}{765}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}\ \Phi_{17}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
33822	772	257	$\frac{3}{257}$	$\frac{64}{257}$	$\frac{65}{257}$	$\frac{127}{257}$	$\Phi_{257}^3\ \Phi_1^4$
33823	772	378	$\frac{4}{189}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{185}{378}$	$\Phi_{378}^4\ \Phi_{126}^4\ \Phi_{54}^4\ \Phi_{42}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
33824	772	645	$\frac{1}{43}$	$\frac{22}{215}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{645}^2\ \Phi_{129}\ \Phi_{15}^2$
33825	772	198	$\frac{5}{198}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{198}^4\ \Phi_{99}^4\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{11}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
33826	772	1032	$\frac{1}{43}$	$\frac{21}{172}$	$\frac{1}{3}$	$\frac{151}{344}$	$\Phi_{1032}^2\ \Phi_{129}\ \Phi_{24}^2$
33827	772	645	$\frac{2}{129}$	$\frac{127}{645}$	$\frac{1}{3}$	$\frac{259}{645}$	$\Phi_{645}\ \Phi_{215}\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
33828	772	195	$\frac{2}{195}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^4\ \Phi_{65}^4\ \Phi_{39}^4\ \Phi_{15}^4\ \Phi_{13}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
33829	772	288	$\frac{1}{96}$	$\frac{95}{288}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{288}^4\ \Phi_{144}^4\ \Phi_{72}^4\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
33830	772	588	$\frac{3}{196}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{588}\ \Phi_{294}\ \Phi_{196}^2\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{84}\ \Phi_{49}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
33831	772	768	$\frac{1}{64}$	$\frac{63}{256}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}^2\ \Phi_{128}^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
33832	772	240	$\frac{1}{48}$	$\frac{47}{240}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
33833	772	198	$\frac{5}{198}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{198}^4\ \Phi_{99}^4\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{11}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
33834	772	672	$\frac{1}{32}$	$\frac{31}{224}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}^2\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
33835	772	600	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}^2\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
33836	772	216	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{216}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
33837	772	204	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{204}^4\ \Phi_{102}^4\ \Phi_{68}^4\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_3\ \Phi_1^2$
33838	772	624	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}^2\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
33839	772	567	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{181}{567}$	$\frac{1}{3}$	$\Phi_{567}^2\ \Phi_{81}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
33840	772	405	$\frac{19}{405}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{405}^2\ \Phi_{135}^2\ \Phi_{81}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
33841	772	258	$\frac{1}{43}$	$\frac{21}{86}$	$\frac{65}{258}$	$\frac{1}{3}$	$\Phi_{258}^2\ \Phi_{129}^3\ \Phi_{86}^4\ \Phi_{43}^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
33842	772	252	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{59}{252}$	$\frac{1}{3}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
33843	772	459	$\frac{7}{153}$	$\frac{73}{459}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{459}^2\ \Phi_{153}\ \Phi_{51}\ \Phi_{27}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
33844	772	405	$\frac{19}{405}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{405}^2\ \Phi_{135}^2\ \Phi_{81}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
33845	772	216	$\frac{23}{216}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{216}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
33846	772	441	$\frac{1}{9}$	$\frac{55}{441}$	$\frac{8}{63}$	$\frac{1}{3}$	$\Phi_{441}^2\ \Phi_{147}^2\ \Phi_{49}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
33847	773	1536	$\frac{5}{768}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{763}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_8\ \Phi_1$
33848	773	1152	$\frac{5}{384}$	$\frac{1}{4}$	$\frac{379}{1152}$	$\frac{3}{8}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
33849	773	784	$\frac{11}{784}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
33850	773	1024	$\frac{5}{256}$	$\frac{251}{1024}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_8\ \Phi_1$
33851	773	792	$\frac{19}{792}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_8\ \Phi_1$
33852	773	960	$\frac{5}{192}$	$\frac{187}{960}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
33853	773	800	$\frac{27}{800}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
33854	773	896	$\frac{5}{128}$	$\frac{123}{896}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
33855	773	864	$\frac{5}{96}$	$\frac{91}{864}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
33856	773	816	$\frac{43}{816}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_8\ \Phi_1$
33857	773	832	$\frac{59}{832}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
33858	774	1280	$\frac{1}{128}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{127}{256}$	$\Phi_{1280}\ \Phi_{256}^2\ \Phi_5\ \Phi_1^2$
33859	774	768	$\frac{1}{128}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{127}{256}$	$\Phi_{768}^3\ \Phi_{12}\ \Phi_6$
33860	774	1360	$\frac{1}{85}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{42}{85}$	$\Phi_{1360}\ \Phi_{272}\ \Phi_{85}\ \Phi_{80}\ \Phi_{17}\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
33861	774	340	$\frac{1}{85}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{42}{85}$	$\Phi_{340}^2\ \Phi_{170}^2\ \Phi_{85}^3\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{20}^2\ \Phi_{17}^3\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
33862	774	773	$\frac{13}{773}$	$\frac{131}{773}$	$\frac{214}{773}$	$\frac{380}{773}$	$\Phi_{773}\ \Phi_1^2$
33863	774	1036	$\frac{5}{259}$	$\frac{44}{259}$	$\frac{1}{4}$	$\frac{127}{259}$	$\Phi_{1036}\ \Phi_{518}\ \Phi_{148}\ \Phi_{74}\ \Phi_{28}\ \Phi_{14}$
33864	774	1428	$\frac{1}{42}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{41}{84}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{204}\ \Phi_{84}^2\ \Phi_{68}\ \Phi_{28}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
33865	774	420	$\frac{1}{42}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{420}^4\ \Phi_{140}^4\ \Phi_{84}^2\ \Phi_{60}^4\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
33866	774	1428	$\frac{1}{42}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{41}{84}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{204}\ \Phi_{84}^2\ \Phi_{68}\ \Phi_{28}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
33867	774	84	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{41}{84}$	$\Phi_{84}^6\ \Phi_{42}^{12}\ \Phi_{28}^7\ \Phi_{21}^{12}\ \Phi_{14}^{13}\ \Phi_{12}^6\ \Phi_7^{12}\ \Phi_6^{12}\ \Phi_4^6\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
33868	774	148	$\frac{1}{37}$	$\frac{19}{148}$	$\frac{1}{4}$	$\frac{18}{37}$	$\Phi_{148}^{5}\ \Phi_{74}^{5}\ \Phi_{37}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
33869	774	1750	$\frac{4}{125}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{121}{250}$	$\Phi_{1750}\ \Phi_{350}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
33870	774	290	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{290}^{3}\ \Phi_{145}^{3}\ \Phi_{58}\ \Phi_{29}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
33871	774	364	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{9}{52}$	$\frac{25}{52}$	$\Phi_{364}^{2}\ \Phi_{182}^{3}\ \Phi_{91}^{3}\ \Phi_{28}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
33872	774	765	$\frac{2}{45}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}\ \Phi_{85}\ \Phi_{45}^{2}\ \Phi_{17}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
33873	774	1071	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{20}{63}$	$\frac{8}{17}$	$\Phi_{1071}\ \Phi_{153}\ \Phi_{63}^{2}\ \Phi_{17}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
33874	774	952	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{8}{17}$	$\Phi_{952}\ \Phi_{476}\ \Phi_{136}\ \Phi_{68}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{17}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
33875	774	816	$\frac{1}{17}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{68}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
33876	774	833	$\frac{1}{17}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{8}{17}$	$\Phi_{833}\ \Phi_{49}^{2}\ \Phi_{17}\ \Phi_{1}^{2}$
33877	774	1520	$\frac{1}{19}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{1520}\ \Phi_{304}\ \Phi_{76}\ \Phi_{38}$
33878	774	560	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{37}{80}$	$\Phi_{560}^{3}\ \Phi_{112}^{3}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
33879	774	140	$\frac{11}{140}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{140}^{5}\ \Phi_{70}^{6}\ \Phi_{35}^{6}\ \Phi_{28}^{5}\ \Phi_{20}^{6}\ \Phi_{14}^{6}\ \Phi_{10}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
33880	774	546	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{7}$	$\frac{35}{78}$	$\Phi_{546}^{3}\ \Phi_{182}^{3}\ \Phi_{91}\ \Phi_{42}^{3}\ \Phi_{14}^{3}$
33881	774	528	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{528}^{4}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}^{3}\ \Phi_{33}\ \Phi_{12}\ \Phi_{6}$
33882	774	720	$\frac{2}{45}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{720}^{2}\ \Phi_{240}^{2}\ \Phi_{144}^{2}\ \Phi_{80}\ \Phi_{48}^{2}\ \Phi_{45}^{2}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
33883	774	816	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{8}{51}$	$\frac{7}{16}$	$\Phi_{816}^{2}\ \Phi_{272}\ \Phi_{51}^{2}\ \Phi_{48}^{2}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
33884	774	532	$\frac{4}{133}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{532}^{2}\ \Phi_{266}^{2}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{28}\ \Phi_{14}$
33885	774	148	$\frac{1}{37}$	$\frac{6}{37}$	$\frac{1}{4}$	$\frac{31}{74}$	$\Phi_{148}^{7}\ \Phi_{74}\ \Phi_{37}^{6}\ \Phi_{4}^{6}\ \Phi_{1}^{6}$
33886	774	320	$\frac{1}{64}$	$\frac{1}{5}$	$\frac{21}{64}$	$\frac{2}{5}$	$\Phi_{320}^{2}\ \Phi_{160}^{2}\ \Phi_{80}^{2}\ \Phi_{64}^{4}\ \Phi_{40}^{2}\ \Phi_{32}^{4}\ \Phi_{20}^{2}\ \Phi_{16}^{4}\ \Phi_{10}^{2}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
33887	774	220	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{220}^{3}\ \Phi_{110}^{3}\ \Phi_{55}^{3}\ \Phi_{44}^{6}\ \Phi_{22}^{6}\ \Phi_{20}^{2}\ \Phi_{11}^{6}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
33888	774	160	$\frac{1}{32}$	$\frac{31}{160}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{160}^{5}\ \Phi_{80}^{5}\ \Phi_{40}^{5}\ \Phi_{32}^{4}\ \Phi_{20}^{5}\ \Phi_{16}^{4}\ \Phi_{10}^{5}\ \Phi_{8}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
33889	774	680	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}^{2}\ \Phi_{85}\ \Phi_{68}^{2}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
33890	774	240	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{240}^{3}\ \Phi_{120}^{3}\ \Phi_{80}^{2}\ \Phi_{60}^{3}\ \Phi_{48}^{6}\ \Phi_{40}^{2}\ \Phi_{30}^{3}\ \Phi_{24}^{6}\ \Phi_{20}^{2}\ \Phi_{16}^{4}\ \Phi_{15}^{3}\ \Phi_{12}^{6}\ \Phi_{10}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{6}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
33891	774	773	$\frac{11}{773}$	$\frac{173}{773}$	$\frac{254}{773}$	$\frac{300}{773}$	$\Phi_{773}\ \Phi_{1}^{2}$
33892	774	1456	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{25}{104}$	$\frac{79}{208}$	$\Phi_{1456}\ \Phi_{182}\ \Phi_{112}\ \Phi_{91}\ \Phi_{14}$
33893	774	1176	$\frac{5}{392}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
33894	774	912	$\frac{1}{19}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
33895	774	836	$\frac{1}{44}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{836}\ \Phi_{418}\ \Phi_{209}\ \Phi_{76}\ \Phi_{38}$
33896	774	1254	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{1254}\ \Phi_{418}\ \Phi_{209}\ \Phi_{114}\ \Phi_{38}$
33897	774	773	$\frac{14}{773}$	$\frac{171}{773}$	$\frac{253}{773}$	$\frac{260}{773}$	$\Phi_{773}\ \Phi_{1}^{2}$
33898	774	1036	$\frac{4}{259}$	$\frac{1}{4}$	$\frac{85}{259}$	$\frac{87}{259}$	$\Phi_{1036}\ \Phi_{518}\ \Phi_{148}\ \Phi_{74}\ \Phi_{28}\ \Phi_{14}$
33899	774	582	$\frac{1}{97}$	$\frac{32}{97}$	$\frac{1}{3}$	$\frac{65}{194}$	$\Phi_{582}^{3}\ \Phi_{291}\ \Phi_{6}^{3}$
33900	774	90	$\frac{2}{45}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{90}^{10}\ \Phi_{45}^{8}\ \Phi_{30}^{9}\ \Phi_{18}^{10}\ \Phi_{15}^{7}\ \Phi_{10}^{8}\ \Phi_{9}^{8}\ \Phi_{6}^{9}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
33901	774	192	$\frac{1}{64}$	$\frac{1}{4}$	$\frac{21}{64}$	$\frac{1}{3}$	$\Phi_{192}^{6}\ \Phi_{96}^{6}\ \Phi_{48}^{6}\ \Phi_{24}^{6}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
33902	774	1164	$\frac{7}{388}$	$\frac{87}{388}$	$\frac{127}{388}$	$\frac{1}{3}$	$\Phi_{1164}\ \Phi_{582}\ \Phi_{291}\ \Phi_{12}\ \Phi_{6}$
33903	774	630	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{126}^{2}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{30}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{6}$
33904	774	765	$\frac{2}{45}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}\ \Phi_{85}\ \Phi_{45}^{2}\ \Phi_{17}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
33905	774	132	$\frac{1}{44}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^{9}\ \Phi_{66}^{9}\ \Phi_{33}^{9}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
33906	774	1536	$\frac{3}{128}$	$\frac{125}{512}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{12}\ \Phi_{6}$
33907	774	480	$\frac{1}{32}$	$\frac{31}{160}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{120}^{3}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{12}\ \Phi_{6}$
33908	774	1200	$\frac{13}{400}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
33909	774	1260	$\frac{2}{45}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{70}\ \Phi_{28}\ \Phi_{14}$
33910	774	1344	$\frac{3}{64}$	$\frac{61}{448}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
33911	774	408	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{408}^{3}\ \Phi_{204}^{3}\ \Phi_{102}^{3}\ \Phi_{51}^{3}\ \Phi_{12}\ \Phi_{6}$
33912	774	48	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{48}^{15}\ \Phi_{24}^{15}\ \Phi_{16}^{18}\ \Phi_{12}^{16}\ \Phi_{8}^{18}\ \Phi_{6}^{16}\ \Phi_{4}^{18}\ \Phi_{3}^{15}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
33913	774	1248	$\frac{29}{416}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_{6}$
33914	774	840	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{168}\ \Phi_{120}^{2}\ \Phi_{84}\ \Phi_{60}^{2}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
33915	774	210	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{210}^{4}\ \Phi_{105}^{3}\ \Phi_{70}^{4}\ \Phi_{42}^{4}\ \Phi_{35}^{3}\ \Phi_{30}^{5}\ \Phi_{21}^{4}\ \Phi_{15}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
33916	774	240	$\frac{1}{10}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{240}^{4}\ \Phi_{120}^{4}\ \Phi_{80}^{4}\ \Phi_{60}^{4}\ \Phi_{48}^{2}\ \Phi_{40}^{4}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{20}^{4}\ \Phi_{16}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}\ \Phi_{4}^{2}$
33917	774	1470	$\frac{1}{10}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{294}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
33918	774	444	$\frac{1}{37}$	$\frac{25}{111}$	$\frac{1}{4}$	$\frac{12}{37}$	$\Phi_{444}^{3}\ \Phi_{222}^{3}\ \Phi_{148}\ \Phi_{74}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
33919	774	1071	$\frac{1}{21}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{20}{63}$	$\Phi_{1071}\ \Phi_{153}\ \Phi_{63}^{2}\ \Phi_{17}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
33920	774	252	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{20}{63}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{36}^{6}\ \Phi_{28}\ \Phi_{18}^{6}\ \Phi_{14}$
33921	774	364	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{9}{52}$	$\frac{4}{13}$	$\Phi_{364}^{3}\ \Phi_{182}^{3}\ \Phi_{91}\ \Phi_{28}^{3}\ \Phi_{14}^{3}$
33922	774	350	$\frac{1}{10}$	$\frac{7}{50}$	$\frac{1}{7}$	$\frac{3}{10}$	$\Phi_{350}^{3}\ \Phi_{175}^{3}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
33923	774	952	$\frac{1}{14}$	$\frac{2}{17}$	$\frac{13}{56}$	$\frac{5}{17}$	$\Phi_{952}\ \Phi_{476}\ \Phi_{136}\ \Phi_{68}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{17}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
33924	774	816	$\frac{5}{48}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{68}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
33925	774	833	$\frac{2}{17}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{5}{17}$	$\Phi_{833}\ \Phi_{49}^{2}\ \Phi_{17}\ \Phi_{1}^{2}$
33926	774	364	$\frac{5}{91}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{364}^{3}\ \Phi_{182}^{3}\ \Phi_{52}^{3}\ \Phi_{28}\ \Phi_{26}^{3}\ \Phi_{14}$
33927	774	1140	$\frac{1}{19}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{285}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
33928	774	420	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{17}{60}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{70}\ \Phi_{42}^{3}\ \Phi_{35}\ \Phi_{21}^{3}\ \Phi_{14}$
33929	774	180	$\frac{2}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{180}^{4}\ \Phi_{90}^{4}\ \Phi_{60}^{4}\ \Phi_{45}^{6}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{20}^{2}\ \Phi_{18}^{4}\ \Phi_{15}^{6}\ \Phi_{12}^{4}\ \Phi_{10}^{2}\ \Phi_{9}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
33930	774	204	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{204}^{4}\ \Phi_{102}^{4}\ \Phi_{68}^{2}\ \Phi_{51}^{6}\ \Phi_{34}^{2}\ \Phi_{17}^{3}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
33931	774	56	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{56}$	$\frac{1}{4}$	$\Phi_{56}^{18}\ \Phi_{28}^{7}\ \Phi_{14}^{13}\ \Phi_{8}^{18}\ \Phi_{7}^{12}\ \Phi_{4}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
33932	774	140	$\frac{11}{140}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{35}^{6}\ \Phi_{28}^{3}\ \Phi_{20}^{6}\ \Phi_{14}^{5}\ \Phi_{10}^{6}\ \Phi_{7}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
33933	774	420	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{105}$	$\frac{1}{4}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{3}\ \Phi_{70}^{3}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{28}\ \Phi_{20}^{3}\ \Phi_{14}\ \Phi_{10}^{3}$
33934	774	336	$\frac{5}{48}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{336}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{3}\ \Phi_{84}\ \Phi_{56}^{3}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
33935	774	196	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{196}^{6}\ \Phi_{98}^{6}\ \Phi_{28}\ \Phi_{14}$
33936	774	1120	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{31}{160}$	$\frac{9}{40}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{224}\ \Phi_{112}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
33937	774	350	$\frac{7}{50}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{350}^{3}\ \Phi_{175}^{2}\ \Phi_{70}^{3}\ \Phi_{35}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
33938	775	616	$\frac{1}{154}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{153}{308}$	$\Phi_{616}^{2}\ \Phi_{308}\ \Phi_{88}^{2}\ \Phi_{56}^{2}\ \Phi_{44}\ \Phi_{28}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
33939	775	1536	$\frac{7}{768}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{761}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
33940	775	1376	$\frac{1}{86}$	$\frac{87}{688}$	$\frac{601}{1376}$	$\frac{85}{172}$	$\Phi_{1376}\ \Phi_{172}\ \Phi_{32}\ \Phi_{4}\ \Phi_{1}$
33941	775	1032	$\frac{1}{86}$	$\frac{257}{1032}$	$\frac{87}{344}$	$\frac{85}{172}$	$\Phi_{1032}\ \Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
33942	775	306	$\frac{2}{153}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{151}{306}$	$\Phi_{306}^{2}\ \Phi_{153}^{3}\ \Phi_{102}^{2}\ \Phi_{51}^{3}\ \Phi_{34}^{2}\ \Phi_{18}^{2}\ \Phi_{17}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
33943	775	888	$\frac{2}{111}$	$\frac{113}{888}$	$\frac{1}{3}$	$\frac{109}{222}$	$\Phi_{888}\ \Phi_{444}\ \Phi_{296}\ \Phi_{148}\ \Phi_{111}\ \Phi_{37}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
33944	775	624	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{53}{208}$	$\frac{51}{104}$	$\Phi_{624}^2\ \Phi_{208}\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{48}^2\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
33945	775	912	$\frac{3}{152}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{149}{304}$	$\Phi_{912}^2\ \Phi_{304}\ \Phi_{48}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
33946	775	1512	$\frac{19}{756}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{737}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
33947	775	1512	$\frac{19}{756}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{737}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$
33948	775	1512	$\frac{19}{756}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{737}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
33949	775	1044	$\frac{8}{261}$	$\frac{1}{9}$	$\frac{269}{1044}$	$\frac{253}{522}$	$\Phi_{1044}\ \Phi_{348}\ \Phi_{261}\ \Phi_{116}\ \Phi_{87}\ \Phi_{36}\ \Phi_{29}\ \Phi_{12}\ \Phi_4\ \Phi_1$
33950	775	936	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{161}{936}$	$\frac{151}{312}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
33951	775	240	$\frac{1}{30}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{29}{60}$	$\Phi_{240}^6\ \Phi_{80}^6\ \Phi_{60}\ \Phi_{48}^7\ \Phi_{20}\ \Phi_{16}^7\ \Phi_{12}\ \Phi_4\ \Phi_1$
33952	775	540	$\frac{1}{30}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{540}^3\ \Phi_{180}^3\ \Phi_{108}^3\ \Phi_{60}\ \Phi_{36}^3\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
33953	775	180	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{29}{60}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}\ \Phi_{45}^6\ \Phi_{36}^7\ \Phi_{20}\ \Phi_{18}^7\ \Phi_{12}\ \Phi_9^7\ \Phi_4\ \Phi_1$
33954	775	420	$\frac{1}{30}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{14}^3\ \Phi_{12}\ \Phi_7^3\ \Phi_4\ \Phi_1$
33955	775	480	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{29}{60}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{32}^3\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
33956	775	60	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{29}{60}$	$\Phi_{60}^{25}\ \Phi_{20}^{25}\ \Phi_{12}^{25}\ \Phi_6^4\ \Phi_4^{25}\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
33957	775	528	$\frac{1}{24}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{528}^3\ \Phi_{176}^3\ \Phi_{48}\ \Phi_{33}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
33958	775	720	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{23}{48}$	$\Phi_{720}^3\ \Phi_{144}^3\ \Phi_{48}\ \Phi_{45}\ \Phi_{16}\ \Phi_9\ \Phi_1$
33959	775	240	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{23}{48}$	$\Phi_{240}^6\ \Phi_{80}^6\ \Phi_{48}^7\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}^7\ \Phi_8\ \Phi_4\ \Phi_1$
33960	775	1680	$\frac{1}{24}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{112}\ \Phi_{48}\ \Phi_{35}\ \Phi_{16}\ \Phi_7\ \Phi_1$
33961	775	144	$\frac{1}{24}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{23}{48}$	$\Phi_{144}^{12}\ \Phi_{48}^7\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}^7\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
33962	775	1008	$\frac{1}{18}$	$\frac{19}{252}$	$\frac{233}{1008}$	$\frac{17}{36}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
33963	775	864	$\frac{1}{18}$	$\frac{89}{864}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
33964	775	288	$\frac{1}{18}$	$\frac{11}{144}$	$\frac{17}{72}$	$\frac{133}{288}$	$\Phi_{288}^5\ \Phi_{96}^5\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}^5\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
33965	775	288	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{133}{288}$	$\Phi_{288}^5\ \Phi_{96}^5\ \Phi_{32}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
33966	775	168	$\frac{13}{168}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_7^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
33967	775	858	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{6}$	$\frac{131}{286}$	$\Phi_{858}\ \Phi_{429}\ \Phi_{143}\ \Phi_{78}^2\ \Phi_{66}\ \Phi_{39}^2\ \Phi_{33}\ \Phi_{26}\ \Phi_{13}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
33968	775	798	$\frac{23}{798}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{266}\ \Phi_{133}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}\ \Phi_{21}\ \Phi_{19}\ \Phi_7\ \Phi_1$
33969	775	1404	$\frac{5}{78}$	$\frac{73}{702}$	$\frac{1}{6}$	$\frac{629}{1404}$	$\Phi_{1404}\ \Phi_{468}\ \Phi_{156}\ \Phi_{108}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
33970	775	728	$\frac{1}{26}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{728}^2\ \Phi_{104}^2\ \Phi_{56}\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_4\ \Phi_1$
33971	775	153	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{29}{153}$	$\frac{4}{9}$	$\Phi_{153}^5\ \Phi_{51}^5\ \Phi_{17}^5\ \Phi_9^6\ \Phi_3^6\ \Phi_1^7$
33972	775	43	$\frac{1}{43}$	$\frac{7}{43}$	$\frac{12}{43}$	$\frac{18}{43}$	$\Phi_{43}^{18}\ \Phi_1^{19}$
33973	775	1332	$\frac{2}{111}$	$\frac{109}{666}$	$\frac{1}{3}$	$\frac{557}{1332}$	$\Phi_{1332}\ \Phi_{444}\ \Phi_{148}\ \Phi_{111}\ \Phi_{37}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
33974	775	1152	$\frac{7}{384}$	$\frac{1}{6}$	$\frac{377}{1152}$	$\frac{5}{12}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
33975	775	792	$\frac{17}{792}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_1$
33976	775	192	$\frac{7}{192}$	$\frac{1}{6}$	$\frac{37}{192}$	$\frac{5}{12}$	$\Phi_{192}^4\ \Phi_{96}^4\ \Phi_{64}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
33977	775	816	$\frac{41}{816}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
33978	775	864	$\frac{7}{96}$	$\frac{89}{864}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
33979	775	156	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{5}{26}$	$\frac{21}{52}$	$\Phi_{156}^{10}\ \Phi_{78}^{2}\ \Phi_{52}^{5}\ \Phi_{39}^{2}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}^{10}\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
33980	775	864	$\frac{1}{18}$	$\frac{89}{864}$	$\frac{17}{72}$	$\frac{55}{144}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
33981	775	1248	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{151}{624}$	$\frac{473}{1248}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
33982	775	1848	$\frac{1}{77}$	$\frac{1}{4}$	$\frac{76}{231}$	$\frac{3}{8}$	$\Phi_{1848}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{33}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_3\ \Phi_1$
33983	775	616	$\frac{2}{77}$	$\frac{15}{77}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}^{2}\ \Phi_{88}^{2}\ \Phi_{77}^{2}\ \Phi_{56}^{2}\ \Phi_{11}^{2}\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
33984	775	96	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{96}^{10}\ \Phi_{48}^{10}\ \Phi_{32}^{5}\ \Phi_{24}^{8}\ \Phi_{16}^{5}\ \Phi_{12}^{10}\ \Phi_8^4\ \Phi_6^9\ \Phi_4^5\ \Phi_3^9\ \Phi_2^4\ \Phi_1^5$
33985	775	1288	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1288}\ \Phi_{184}\ \Phi_{161}\ \Phi_{23}\ \Phi_8\ \Phi_1$
33986	775	176	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{176}^{5}\ \Phi_{88}^{3}\ \Phi_{44}^{5}\ \Phi_{22}^{4}\ \Phi_{16}^{5}\ \Phi_{11}^{4}\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
33987	775	264	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^{5}\ \Phi_{88}^{4}\ \Phi_{33}^{5}\ \Phi_{24}^{5}\ \Phi_{11}^{4}\ \Phi_8^5\ \Phi_3^5\ \Phi_1^5$
33988	775	168	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^{5}\ \Phi_{84}^{5}\ \Phi_{56}^{3}\ \Phi_{42}^{5}\ \Phi_{28}^{5}\ \Phi_{24}^{5}\ \Phi_{21}^{5}\ \Phi_{14}^{4}\ \Phi_{12}^{5}\ \Phi_8^4\ \Phi_7^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
33989	775	624	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{624}^{2}\ \Phi_{208}^{2}\ \Phi_{104}^{2}\ \Phi_{52}^{2}\ \Phi_{48}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_4\ \Phi_1$
33990	775	162	$\frac{7}{162}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{162}^{5}\ \Phi_{81}^{5}\ \Phi_{54}^{4}\ \Phi_{27}^{5}\ \Phi_{18}^{4}\ \Phi_9^4\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
33991	775	1188	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{181}{594}$	$\frac{413}{1188}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
33992	775	234	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{38}{117}$	$\frac{79}{234}$	$\Phi_{234}^{2}\ \Phi_{117}^{3}\ \Phi_{78}^{5}\ \Phi_{39}^{5}\ \Phi_{26}^{5}\ \Phi_{18}^{2}\ \Phi_{13}^{5}\ \Phi_9^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
33993	775	297	$\frac{2}{33}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{297}^{3}\ \Phi_{99}^{3}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_9\ \Phi_1$
33994	775	999	$\frac{2}{111}$	$\frac{224}{999}$	$\frac{109}{333}$	$\frac{1}{3}$	$\Phi_{999}\ \Phi_{111}\ \Phi_{37}\ \Phi_{27}\ \Phi_1$
33995	775	1134	$\frac{19}{378}$	$\frac{2}{21}$	$\frac{359}{1134}$	$\frac{1}{3}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{162}\ \Phi_{81}\ \Phi_{21}\ \Phi_7\ \Phi_1$
33996	775	135	$\frac{1}{15}$	$\frac{2}{27}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{135}^{6}\ \Phi_{45}^{4}\ \Phi_{27}^{7}\ \Phi_{15}^{6}\ \Phi_9^5\ \Phi_5^6\ \Phi_3^6\ \Phi_1^7$
33997	775	396	$\frac{2}{33}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{396}^{3}\ \Phi_{198}^{3}\ \Phi_{99}^{3}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
33998	775	819	$\frac{44}{819}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{117}\ \Phi_{91}\ \Phi_{39}\ \Phi_{21}\ \Phi_{13}\ \Phi_7\ \Phi_1$
33999	775	924	$\frac{2}{33}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{77}\ \Phi_{33}\ \Phi_{28}\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_1$
34000	775	204	$\frac{2}{51}$	$\frac{1}{6}$	$\frac{49}{204}$	$\frac{1}{3}$	$\Phi_{204}^{5}\ \Phi_{102}^{2}\ \Phi_{68}^{5}\ \Phi_{51}^{3}\ \Phi_{34}^{2}\ \Phi_{17}^{3}\ \Phi_{12}^{5}\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
34001	775	1008	$\frac{19}{252}$	$\frac{2}{21}$	$\frac{233}{1008}$	$\frac{1}{3}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_8\ \Phi_7\ \Phi_1$
34002	775	168	$\frac{13}{168}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{168}^{5}\ \Phi_{84}^{4}\ \Phi_{56}^{5}\ \Phi_{42}^{4}\ \Phi_{28}^{4}\ \Phi_{24}^{5}\ \Phi_{21}^{5}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_8^5\ \Phi_7^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
34003	775	1080	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{108}\ \Phi_{72}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
34004	775	162	$\frac{7}{162}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{162}^{5}\ \Phi_{81}^{5}\ \Phi_{54}^{5}\ \Phi_{27}^{5}\ \Phi_{18}^{2}\ \Phi_9^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
34005	775	1056	$\frac{2}{33}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{176}\ \Phi_{33}\ \Phi_{32}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
34006	775	945	$\frac{2}{27}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{63}\ \Phi_{35}\ \Phi_{27}\ \Phi_9\ \Phi_7\ \Phi_1$
34007	775	189	$\frac{2}{21}$	$\frac{19}{189}$	$\frac{34}{189}$	$\frac{1}{3}$	$\Phi_{189}^{4}\ \Phi_{63}^{4}\ \Phi_{27}^{4}\ \Phi_{21}^{5}\ \Phi_9^4\ \Phi_7^5\ \Phi_3^4\ \Phi_1^5$
34008	775	66	$\frac{2}{33}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{66}^{12}\ \Phi_{33}^{13}\ \Phi_{22}^{12}\ \Phi_{11}^{13}\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
34009	775	108	$\frac{2}{27}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{108}^{9}\ \Phi_{54}^{6}\ \Phi_{36}^{7}\ \Phi_{27}^{7}\ \Phi_{18}^{4}\ \Phi_{12}^{7}\ \Phi_9^5\ \Phi_6^6\ \Phi_4^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
34010	775	882	$\frac{2}{21}$	$\frac{107}{882}$	$\frac{19}{126}$	$\frac{1}{3}$	$\Phi_{882}\ \Phi_{441}\ \Phi_{294}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{21}\ \Phi_7\ \Phi_1$
34011	775	228	$\frac{3}{76}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{73}{228}$	$\Phi_{228}^{3}\ \Phi_{114}^{3}\ \Phi_{76}^{4}\ \Phi_{57}^{3}\ \Phi_{38}^{4}\ \Phi_{19}^{4}\ \Phi_{12}^{5}\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
34012	775	1134	$\frac{19}{378}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{359}{1134}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_1$
34013	775	936	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{161}{936}$	$\frac{73}{234}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
34014	775	180	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{14}{45}$	$\Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^6\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{18}^4\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_9^5\ \Phi_6^6\ \Phi_5^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
34015	775	1260	$\frac{1}{15}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{126}\ \Phi_{63}\ \Phi_{45}\ \Phi_{28}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
34016	775	1440	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{14}{45}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{288}\ \Phi_{144}\ \Phi_{45}\ \Phi_{32}\ \Phi_{16}\ \Phi_9\ \Phi_1$
34017	775	90	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{14}{45}$	$\Phi_{90}^{12}\ \Phi_{45}^{13}\ \Phi_{18}^{12}\ \Phi_9^{13}\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
34018	775	360	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{11}{36}$	$\Phi_{360}^4\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{72}^4\ \Phi_{45}^2\ \Phi_{40}\ \Phi_{36}^3\ \Phi_{20}\ \Phi_{18}^3\ \Phi_9^3\ \Phi_8\ \Phi_4\ \Phi_1$
34019	775	1260	$\frac{1}{12}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{126}\ \Phi_{63}\ \Phi_{36}\ \Phi_{35}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_1$
34020	775	36	$\frac{1}{12}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{11}{36}$	$\Phi_{36}^{20}\ \Phi_{18}^{20}\ \Phi_{12}^{25}\ \Phi_9^{20}\ \Phi_6^{24}\ \Phi_4^{25}\ \Phi_3^{24}\ \Phi_2^{24}\ \Phi_1^{25}$
34021	775	189	$\frac{19}{189}$	$\frac{1}{9}$	$\frac{34}{189}$	$\frac{8}{27}$	$\Phi_{189}^4\ \Phi_{63}^4\ \Phi_{27}^5\ \Phi_{21}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_3^4\ \Phi_1^5$
34022	775	864	$\frac{89}{864}$	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
34023	775	216	$\frac{1}{18}$	$\frac{11}{72}$	$\frac{17}{72}$	$\frac{61}{216}$	$\Phi_{216}^5\ \Phi_{108}^5\ \Phi_{72}\ \Phi_{54}^5\ \Phi_{36}\ \Phi_{27}^5\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
34024	775	216	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{6}$	$\frac{61}{216}$	$\Phi_{216}^5\ \Phi_{108}^5\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
34025	775	280	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{280}^4\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^4\ \Phi_{40}\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{20}\ \Phi_{14}^3\ \Phi_8\ \Phi_7^3\ \Phi_4\ \Phi_1$
34026	775	140	$\frac{3}{28}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^5\ \Phi_{70}^5\ \Phi_{35}^6\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7^7\ \Phi_5^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
34027	775	252	$\frac{3}{28}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^2\ \Phi_{63}^4\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}^3\ \Phi_{12}\ \Phi_9\ \Phi_7^3\ \Phi_4\ \Phi_1$
34028	775	192	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{37}{192}$	$\frac{11}{48}$	$\Phi_{192}^5\ \Phi_{96}^5\ \Phi_{64}^5\ \Phi_{32}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
34029	775	160	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{9}{40}$	$\Phi_{160}^6\ \Phi_{80}^6\ \Phi_{40}\ \Phi_{32}^7\ \Phi_{20}\ \Phi_{16}^7\ \Phi_8\ \Phi_4\ \Phi_1$
34030	775	120	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{9}{40}$	$\Phi_{120}^8\ \Phi_{60}^8\ \Phi_{40}^9\ \Phi_{24}^8\ \Phi_{20}^9\ \Phi_{12}^8\ \Phi_8^9\ \Phi_6^4\ \Phi_4^9\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
34031	775	1120	$\frac{4}{35}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{224}\ \Phi_{112}\ \Phi_{35}\ \Phi_{32}\ \Phi_{16}\ \Phi_7\ \Phi_1$
34032	775	288	$\frac{1}{8}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{7}{32}$	$\Phi_{288}^4\ \Phi_{144}^4\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{32}^3\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
34033	775	210	$\frac{4}{35}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^5\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_7^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
34034	775	36	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{36}^{25}\ \Phi_{18}^{25}\ \Phi_{12}^{25}\ \Phi_9^{25}\ \Phi_6^4\ \Phi_4^{25}\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
34035	776	579	$\frac{1}{193}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{96}{193}$	$\Phi_{579}\ \Phi_{193}^2\ \Phi_3^2\ \Phi_1^4$
34036	776	155	$\frac{1}{155}$	$\frac{39}{155}$	$\frac{58}{155}$	$\frac{77}{155}$	$\Phi_{155}^5\ \Phi_{31}^5\ \Phi_5^5\ \Phi_1^6$
34037	776	1167	$\frac{3}{389}$	$\frac{98}{389}$	$\frac{1}{3}$	$\frac{193}{389}$	Φ_{1167}
34038	776	385	$\frac{3}{385}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{191}{385}$	$\Phi_{385}^2\ \Phi_{77}^2\ \Phi_{55}^2\ \Phi_{35}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_5^3\ \Phi_1^4$
34039	776	1344	$\frac{1}{96}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{95}{192}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_7\ \Phi_1^2$
34040	776	960	$\frac{1}{96}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{95}{192}$	$\Phi_{960}^2\ \Phi_{320}^2\ \Phi_{15}$
34041	776	765	$\frac{11}{765}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{377}{765}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}\ \Phi_{17}\ \Phi_{15}^2\ \Phi_9\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
34042	776	130	$\frac{1}{65}$	$\frac{1}{5}$	$\frac{33}{130}$	$\frac{32}{65}$	$\Phi_{130}^8\ \Phi_{65}^4\ \Phi_{26}^8\ \Phi_{13}^4\ \Phi_{10}^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
34043	776	190	$\frac{2}{95}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{93}{190}$	$\Phi_{190}^8\ \Phi_{38}^8\ \Phi_{10}^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
34044	776	585	$\frac{1}{39}$	$\frac{20}{117}$	$\frac{1}{5}$	$\frac{19}{39}$	$\Phi_{585}^2\ \Phi_{195}\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{15}$
34045	776	186	$\frac{1}{31}$	$\frac{4}{93}$	$\frac{89}{186}$	$\frac{15}{31}$	$\Phi_{186}^8\ \Phi_{62}^8\ \Phi_{31}\ \Phi_6^8\ \Phi_2^8\ \Phi_1^2$
34046	776	279	$\frac{1}{31}$	$\frac{8}{93}$	$\frac{85}{279}$	$\frac{15}{31}$	$\Phi_{279}^4\ \Phi_{31}\ \Phi_9^4\ \Phi_1^2$
34047	776	217	$\frac{1}{31}$	$\frac{23}{217}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{217}^4\ \Phi_{31}\ \Phi_7^4\ \Phi_1^2$
34048	776	124	$\frac{1}{31}$	$\frac{4}{31}$	$\frac{27}{124}$	$\frac{15}{31}$	$\Phi_{124}^8\ \Phi_{62}^8\ \Phi_{31}\ \Phi_4^8\ \Phi_2^8\ \Phi_1^2$
34049	776	465	$\frac{1}{31}$	$\frac{77}{465}$	$\frac{16}{93}$	$\frac{15}{31}$	$\Phi_{465}^2\ \Phi_{155}^2\ \Phi_{31}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
34050	776	375	$\frac{13}{375}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{181}{375}$	$\Phi_{375}^2\ \Phi_{125}^2\ \Phi_{75}^2\ \Phi_{25}^3\ \Phi_{15}^2\ \Phi_5^3\ \Phi_3^2\ \Phi_1^4$
34051	776	375	$\frac{13}{375}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{181}{375}$	$\Phi_{375}^2\ \Phi_{125}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
34052	776	125	$\frac{1}{25}$	$\frac{13}{125}$	$\frac{28}{125}$	$\frac{12}{25}$	$\Phi_{125}^{6}\ \Phi_{25}^{7}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
34053	776	225	$\frac{1}{25}$	$\frac{31}{225}$	$\frac{13}{75}$	$\frac{12}{25}$	$\Phi_{225}^{4}\ \Phi_{75}^{2}\ \Phi_{45}^{4}\ \Phi_{25}^{3}\ \Phi_{15}^{2}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
34054	776	186	$\frac{4}{93}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{89}{186}$	$\Phi_{186}^{8}\ \Phi_{62}^{8}\ \Phi_{31}\ \Phi_{6}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
34055	776	910	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{85}{182}$	$\Phi_{910}^{2}\ \Phi_{130}^{2}\ \Phi_{70}^{2}\ \Phi_{65}\ \Phi_{10}^{2}$
34056	776	1638	$\frac{6}{91}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{85}{182}$	$\Phi_{1638}\ \Phi_{546}\ \Phi_{234}\ \Phi_{126}\ \Phi_{78}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{6}$
34057	776	105	$\frac{1}{15}$	$\frac{8}{105}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{105}^{8}\ \Phi_{35}^{8}\ \Phi_{21}^{8}\ \Phi_{15}^{4}\ \Phi_{7}^{8}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
34058	776	1008	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{15}{112}$	$\frac{13}{28}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{6}$
34059	776	520	$\frac{7}{104}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{520}^{2}\ \Phi_{260}^{2}\ \Phi_{130}^{2}\ \Phi_{65}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
34060	776	180	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{1}{5}$	$\frac{83}{180}$	$\Phi_{180}^{8}\ \Phi_{60}^{8}\ \Phi_{36}^{8}\ \Phi_{20}^{8}\ \Phi_{15}^{4}\ \Phi_{12}^{8}\ \Phi_{5}^{3}\ \Phi_{4}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
34061	776	715	$\frac{4}{65}$	$\frac{61}{715}$	$\frac{1}{5}$	$\frac{327}{715}$	$\Phi_{715}\ \Phi_{143}\ \Phi_{65}^{2}\ \Phi_{55}\ \Phi_{13}^{2}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
34062	776	175	$\frac{1}{25}$	$\frac{19}{175}$	$\frac{6}{25}$	$\frac{78}{175}$	$\Phi_{175}^{4}\ \Phi_{35}^{4}\ \Phi_{25}^{7}\ \Phi_{7}^{4}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
34063	776	693	$\frac{2}{99}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{99}^{2}\ \Phi_{77}\ \Phi_{63}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
34064	776	1008	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{47}{144}$	$\frac{3}{7}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{144}^{2}\ \Phi_{126}\ \Phi_{72}^{2}\ \Phi_{63}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
34065	776	700	$\frac{3}{100}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}^{2}\ \Phi_{70}\ \Phi_{50}^{2}\ \Phi_{35}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
34066	776	896	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{31}{128}$	$\frac{3}{7}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{128}^{2}\ \Phi_{64}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
34067	776	840	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{23}{120}$	$\frac{3}{7}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}^{2}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}^{2}\ \Phi_{40}^{2}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
34068	776	714	$\frac{5}{102}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{119}\ \Phi_{102}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
34069	776	112	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{112}^{7}\ \Phi_{56}^{7}\ \Phi_{28}^{7}\ \Phi_{16}^{6}\ \Phi_{14}^{7}\ \Phi_{8}^{6}\ \Phi_{7}^{8}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
34070	776	728	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{104}^{2}\ \Phi_{91}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
34071	776	756	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}^{2}\ \Phi_{63}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
34072	776	504	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{84}$	$\frac{71}{168}$	$\Phi_{504}^{3}\ \Phi_{168}^{2}\ \Phi_{126}\ \Phi_{72}^{3}\ \Phi_{63}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{18}\ \Phi_{8}^{2}\ \Phi_{6}$
34073	776	325	$\frac{2}{65}$	$\frac{63}{325}$	$\frac{1}{5}$	$\frac{131}{325}$	$\Phi_{325}^{2}\ \Phi_{65}^{4}\ \Phi_{25}^{2}\ \Phi_{13}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
34074	776	100	$\frac{3}{100}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{100}^{8}\ \Phi_{50}^{8}\ \Phi_{25}^{8}\ \Phi_{20}^{8}\ \Phi_{10}^{8}\ \Phi_{5}^{3}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
34075	776	110	$\frac{3}{55}$	$\frac{13}{110}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{110}^{8}\ \Phi_{55}^{6}\ \Phi_{22}^{8}\ \Phi_{11}^{6}\ \Phi_{10}^{8}\ \Phi_{5}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
34076	776	105	$\frac{8}{105}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{105}^{8}\ \Phi_{35}^{6}\ \Phi_{21}^{8}\ \Phi_{15}^{8}\ \Phi_{7}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
34077	776	780	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{19}{78}$	$\frac{59}{156}$	$\Phi_{780}^{2}\ \Phi_{260}^{2}\ \Phi_{195}\ \Phi_{65}\ \Phi_{60}^{2}\ \Phi_{20}^{2}\ \Phi_{15}$
34078	776	100	$\frac{3}{100}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{100}^{8}\ \Phi_{50}^{8}\ \Phi_{25}^{7}\ \Phi_{20}^{8}\ \Phi_{10}^{8}\ \Phi_{5}^{7}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
34079	776	150	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{22}{75}$	$\frac{53}{150}$	$\Phi_{150}^{8}\ \Phi_{50}^{8}\ \Phi_{30}^{8}\ \Phi_{25}^{7}\ \Phi_{10}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
34080	776	585	$\frac{4}{195}$	$\frac{1}{5}$	$\frac{191}{585}$	$\frac{197}{585}$	$\Phi_{585}\ \Phi_{195}^{2}\ \Phi_{117}\ \Phi_{65}^{2}\ \Phi_{45}\ \Phi_{39}^{2}\ \Phi_{15}^{2}\ \Phi_{13}^{2}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
34081	776	294	$\frac{1}{98}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{294}^{3}\ \Phi_{147}^{3}\ \Phi_{98}^{2}\ \Phi_{49}^{2}\ \Phi_{42}^{3}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
34082	776	495	$\frac{2}{99}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{495}^{2}\ \Phi_{165}^{2}\ \Phi_{55}^{2}\ \Phi_{45}^{2}\ \Phi_{15}$
34083	776	720	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{47}{144}$	$\frac{1}{3}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{15}$
34084	776	300	$\frac{3}{100}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{75}^{4}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}$
34085	776	1920	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{31}{128}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{15}$
34086	776	120	$\frac{1}{24}$	$\frac{23}{120}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{120}^{6}\ \Phi_{60}^{6}\ \Phi_{40}^{6}\ \Phi_{30}^{6}\ \Phi_{24}^{8}\ \Phi_{20}^{6}\ \Phi_{15}^{7}\ \Phi_{12}^{8}\ \Phi_{10}^{6}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
34087	776	510	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{510}^{2}\ \Phi_{255}^{2}\ \Phi_{170}^{2}\ \Phi_{85}^{2}\ \Phi_{15}$
34088	776	1680	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
34089	776	1560	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{15}$
34090	776	540	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{15}$
34091	776	285	$\frac{4}{95}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{91}{285}$	$\Phi_{285}^4\ \Phi_{57}^4\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
34092	776	225	$\frac{1}{15}$	$\frac{31}{225}$	$\frac{1}{5}$	$\frac{14}{45}$	$\Phi_{225}^4\ \Phi_{75}^4\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
34093	776	126	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{29}{126}$	$\frac{13}{42}$	$\Phi_{126}^6\ \Phi_{63}^6\ \Phi_{42}^7\ \Phi_{21}^7\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_9^5\ \Phi_7^6\ \Phi_6^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
34094	776	279	$\frac{8}{93}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{85}{279}$	$\Phi_{279}^4\ \Phi_{31}\ \Phi_9^4\ \Phi_1^2$
34095	776	1365	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{5}$	$\frac{79}{273}$	$\Phi_{1365}\ \Phi_{195}\ \Phi_{105}\ \Phi_{65}\ \Phi_{15}$
34096	776	135	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{1}{5}$	$\frac{38}{135}$	$\Phi_{135}^8\ \Phi_{27}^8\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
34097	776	405	$\frac{17}{405}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{405}^2\ \Phi_{135}^2\ \Phi_{81}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
34098	776	255	$\frac{11}{255}$	$\frac{1}{5}$	$\frac{61}{255}$	$\frac{4}{15}$	$\Phi_{255}^3\ \Phi_{85}^3\ \Phi_{51}^3\ \Phi_{17}^3\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
34099	776	217	$\frac{3}{31}$	$\frac{23}{217}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{217}^4\ \Phi_{31}\ \Phi_7^4\ \Phi_1^2$
34100	776	120	$\frac{1}{15}$	$\frac{23}{120}$	$\frac{1}{5}$	$\frac{7}{30}$	$\Phi_{120}^8\ \Phi_{60}^8\ \Phi_{40}^8\ \Phi_{24}^8\ \Phi_{20}^8\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_8^8\ \Phi_5^3\ \Phi_4^8\ \Phi_3^4\ \Phi_1^4$
34101	776	124	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{27}{124}$	$\frac{7}{31}$	$\Phi_{124}^8\ \Phi_{62}^8\ \Phi_{31}\ \Phi_4^8\ \Phi_2^8\ \Phi_1^2$
34102	776	225	$\frac{2}{15}$	$\frac{31}{225}$	$\frac{13}{75}$	$\frac{1}{5}$	$\Phi_{225}^4\ \Phi_{75}^2\ \Phi_{45}^4\ \Phi_{25}^2\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
34103	777	660	$\frac{1}{110}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{109}{220}$	$\Phi_{330}^2\ \Phi_{220}\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
34104	777	1980	$\frac{1}{110}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{109}{220}$	$\Phi_{1980}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{44}\ \Phi_{36}\ \Phi_{20}\ \Phi_9\ \Phi_4\ \Phi_1$
34105	777	1040	$\frac{3}{260}$	$\frac{1}{4}$	$\frac{263}{1040}$	$\frac{257}{520}$	$\Phi_{1040}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{16}\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_1$
34106	777	512	$\frac{3}{256}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{253}{512}$	$\Phi_{512}^3\ \Phi_{16}\ \Phi_1$
34107	777	512	$\frac{3}{256}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{253}{512}$	$\Phi_{512}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
34108	777	1020	$\frac{4}{255}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{251}{510}$	$\Phi_{1020}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
34109	777	312	$\frac{1}{52}$	$\frac{53}{312}$	$\frac{1}{4}$	$\frac{51}{104}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{26}^3\ \Phi_{24}^3\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
34110	777	1520	$\frac{17}{760}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{743}{1520}$	$\Phi_{1520}\ \Phi_{304}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
34111	777	360	$\frac{1}{36}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{35}{72}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{72}\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{40}\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_8^2\ \Phi_6^4\ \Phi_5^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
34112	777	360	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{35}{72}$	$\Phi_{360}^4\ \Phi_{120}^4\ \Phi_{72}^5\ \Phi_{40}^4\ \Phi_{24}^5\ \Phi_{10}^2\ \Phi_8^5\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
34113	777	72	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{72}^9\ \Phi_{36}^{12}\ \Phi_{24}^9\ \Phi_{18}^{12}\ \Phi_{12}^{12}\ \Phi_9^{12}\ \Phi_8^{12}\ \Phi_6^{12}\ \Phi_4^{14}\ \Phi_3^{12}\ \Phi_2^{14}\ \Phi_1^{15}$
34114	777	1800	$\frac{1}{36}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{35}{72}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{200}\ \Phi_{72}\ \Phi_{25}\ \Phi_{24}\ \Phi_8\ \Phi_1$
34115	777	500	$\frac{9}{250}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{241}{500}$	$\Phi_{500}\ \Phi_{250}^2\ \Phi_{125}^2\ \Phi_{100}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
34116	777	988	$\frac{12}{247}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{235}{494}$	$\Phi_{988}\ \Phi_{247}\ \Phi_{76}\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{19}\ \Phi_{13}\ \Phi_4\ \Phi_1$
34117	777	1560	$\frac{1}{20}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{104}\ \Phi_{40}\ \Phi_{39}\ \Phi_{13}\ \Phi_8\ \Phi_1$
34118	777	1080	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{19}{40}$	$\Phi_{1080}^2\ \Phi_{216}^2\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_8\ \Phi_1$
34119	777	40	$\frac{1}{20}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{40}^{18}\ \Phi_{20}^{21}\ \Phi_{10}^{21}\ \Phi_8^{18}\ \Phi_5^{21}\ \Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^{21}$
34120	777	240	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{19}{40}$	$\Phi_{240}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^5\ \Phi_{40}\ \Phi_{30}^4\ \Phi_{24}\ \Phi_{20}^4\ \Phi_{16}^5\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^2\ \Phi_6^4\ \Phi_5^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
34121	777	360	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{19}{40}$	$\Phi_{360}^4\ \Phi_{120}^4\ \Phi_{72}^4\ \Phi_{45}\ \Phi_{40}^5\ \Phi_{24}^4\ \Phi_{15}\ \Phi_8^5\ \Phi_5\ \Phi_1$
34122	777	840	$\frac{1}{20}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{40}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
34123	777	280	$\frac{2}{35}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{33}{70}$	$\Phi_{280}^3\ \Phi_{140}^3\ \Phi_{56}^4\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^4\ \Phi_{20}^3\ \Phi_{14}\ \Phi_8^3\ \Phi_7^3\ \Phi_5^3\ \Phi_4^3\ \Phi_1^3$
34124	777	832	$\frac{3}{52}$	$\frac{55}{832}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{64}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
34125	777	128	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{17}{128}$	$\frac{15}{32}$	$\Phi_{128}^7\ \Phi_{64}^7\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
34126	777	208	$\frac{3}{52}$	$\frac{7}{104}$	$\frac{1}{4}$	$\frac{97}{208}$	$\Phi_{208}^{7}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}^{7}\ \Phi_{13}\ \Phi_{1}$
34127	777	208	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{97}{208}$	$\Phi_{208}^{7}\ \Phi_{16}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
34128	777	480	$\frac{1}{20}$	$\frac{19}{240}$	$\frac{1}{4}$	$\frac{221}{480}$	$\Phi_{480}^{3}\ \Phi_{160}^{3}\ \Phi_{96}^{3}\ \Phi_{32}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
34129	777	468	$\frac{1}{26}$	$\frac{25}{234}$	$\frac{1}{4}$	$\frac{209}{468}$	$\Phi_{468}\ \Phi_{234}^{2}\ \Phi_{156}\ \Phi_{117}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{3}\ \Phi_{39}^{2}\ \Phi_{36}\ \Phi_{26}^{3}\ \Phi_{18}^{2}\ \Phi_{13}^{3}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
34130	777	384	$\frac{3}{128}$	$\frac{1}{8}$	$\frac{125}{384}$	$\frac{7}{16}$	$\Phi_{384}^{3}\ \Phi_{192}^{3}\ \Phi_{96}^{3}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{16}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}$
34131	777	800	$\frac{23}{800}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
34132	777	1024	$\frac{9}{256}$	$\frac{1}{8}$	$\frac{247}{1024}$	$\frac{7}{16}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{16}\ \Phi_{1}$
34133	777	320	$\frac{3}{64}$	$\frac{1}{8}$	$\frac{61}{320}$	$\frac{7}{16}$	$\Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{80}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{16}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{1}$
34134	777	272	$\frac{13}{272}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{272}^{3}\ \Phi_{136}^{3}\ \Phi_{68}^{3}\ \Phi_{34}^{3}\ \Phi_{17}^{3}\ \Phi_{16}\ \Phi_{1}$
34135	777	832	$\frac{55}{832}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
34136	777	128	$\frac{9}{128}$	$\frac{1}{8}$	$\frac{17}{128}$	$\frac{7}{16}$	$\Phi_{128}^{6}\ \Phi_{64}^{6}\ \Phi_{32}^{6}\ \Phi_{16}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
34137	777	288	$\frac{3}{32}$	$\frac{29}{288}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{288}^{3}\ \Phi_{144}^{3}\ \Phi_{96}^{3}\ \Phi_{72}^{3}\ \Phi_{48}^{3}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{16}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}$
34138	777	392	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{98}$	$\frac{85}{196}$	$\Phi_{392}^{2}\ \Phi_{196}\ \Phi_{98}^{2}\ \Phi_{56}^{4}\ \Phi_{49}^{2}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
34139	777	800	$\frac{23}{800}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
34140	777	64	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{27}{64}$	$\Phi_{64}^{21}\ \Phi_{16}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
34141	777	660	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{18}{55}$	$\frac{5}{12}$	$\Phi_{660}^{2}\ \Phi_{220}^{2}\ \Phi_{132}^{2}\ \Phi_{60}^{2}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{3}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
34142	777	228	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{228}^{2}\ \Phi_{114}^{4}\ \Phi_{76}^{4}\ \Phi_{57}^{4}\ \Phi_{38}^{5}\ \Phi_{19}^{5}\ \Phi_{12}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
34143	777	1380	$\frac{4}{115}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1380}\ \Phi_{460}\ \Phi_{276}\ \Phi_{115}\ \Phi_{92}\ \Phi_{23}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
34144	777	132	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{132}^{4}\ \Phi_{66}^{6}\ \Phi_{44}^{7}\ \Phi_{33}^{6}\ \Phi_{22}^{8}\ \Phi_{12}^{5}\ \Phi_{11}^{8}\ \Phi_{6}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
34145	777	120	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{120}^{6}\ \Phi_{60}^{4}\ \Phi_{40}^{9}\ \Phi_{30}^{6}\ \Phi_{24}^{6}\ \Phi_{20}^{7}\ \Phi_{15}^{6}\ \Phi_{12}^{5}\ \Phi_{10}^{8}\ \Phi_{8}^{9}\ \Phi_{6}^{6}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
34146	777	1452	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1452}\ \Phi_{484}\ \Phi_{121}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
34147	777	416	$\frac{1}{52}$	$\frac{51}{208}$	$\frac{1}{4}$	$\frac{157}{416}$	$\Phi_{416}^{3}\ \Phi_{52}^{3}\ \Phi_{32}^{3}\ \Phi_{26}^{3}\ \Phi_{13}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
34148	777	264	$\frac{5}{264}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^{3}\ \Phi_{132}^{3}\ \Phi_{88}^{3}\ \Phi_{66}^{3}\ \Phi_{44}^{3}\ \Phi_{33}^{3}\ \Phi_{24}^{3}\ \Phi_{22}^{3}\ \Phi_{12}^{3}\ \Phi_{11}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
34149	777	56	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{9}{28}$	$\frac{19}{56}$	$\Phi_{56}^{13}\ \Phi_{28}^{15}\ \Phi_{14}^{15}\ \Phi_{8}^{12}\ \Phi_{7}^{15}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
34150	777	780	$\frac{1}{65}$	$\frac{1}{4}$	$\frac{64}{195}$	$\frac{131}{390}$	$\Phi_{780}\ \Phi_{260}^{2}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{26}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
34151	777	388	$\frac{1}{97}$	$\frac{32}{97}$	$\frac{129}{388}$	$\frac{65}{194}$	$\Phi_{388}^{3}\ \Phi_{97}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
34152	777	495	$\frac{1}{55}$	$\frac{2}{9}$	$\frac{18}{55}$	$\frac{1}{3}$	$\Phi_{495}^{2}\ \Phi_{99}^{2}\ \Phi_{55}^{2}\ \Phi_{45}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
34153	777	390	$\frac{2}{39}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{390}^{2}\ \Phi_{195}^{2}\ \Phi_{130}^{2}\ \Phi_{78}^{2}\ \Phi_{65}^{2}\ \Phi_{39}^{3}\ \Phi_{26}^{2}\ \Phi_{13}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
34154	777	684	$\frac{1}{38}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{684}^{2}\ \Phi_{342}\ \Phi_{171}\ \Phi_{76}^{2}\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
34155	777	312	$\frac{2}{39}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{312}^{3}\ \Phi_{156}^{2}\ \Phi_{104}^{3}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{39}^{3}\ \Phi_{26}^{2}\ \Phi_{13}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
34156	777	1035	$\frac{4}{115}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1035}\ \Phi_{207}\ \Phi_{115}\ \Phi_{23}\ \Phi_{9}\ \Phi_{1}$
34157	777	396	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{396}^{3}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{44}^{3}\ \Phi_{36}^{3}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{3}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
34158	777	360	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{90}^{2}\ \Phi_{72}^{3}\ \Phi_{45}^{2}\ \Phi_{40}^{3}\ \Phi_{36}^{3}\ \Phi_{20}^{3}\ \Phi_{18}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
34159	777	1089	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1089}\ \Phi_{121}\ \Phi_{9}\ \Phi_{1}$
34160	777	975	$\frac{2}{39}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{39}\ \Phi_{25}\ \Phi_{13}\ \Phi_{1}$
34161	777	384	$\frac{3}{128}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{125}{384}$	$\Phi_{384}^{3}\ \Phi_{192}^{3}\ \Phi_{96}^{3}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
34162	777	312	$\frac{1}{26}$	$\frac{53}{312}$	$\frac{1}{4}$	$\frac{25}{78}$	$\Phi_{312}^{3}\ \Phi_{156}\ \Phi_{104}^{3}\ \Phi_{78}^{2}\ \Phi_{52}^{3}\ \Phi_{39}^{2}\ \Phi_{26}^{3}\ \Phi_{24}^{3}\ \Phi_{13}^{3}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
34163	777	380	$\frac{17}{380}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{121}{380}$	$\Phi_{380}^{2}\ \Phi_{190}^{2}\ \Phi_{95}^{2}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{20}^{3}\ \Phi_{19}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
34164	777	300	$\frac{1}{20}$	$\frac{41}{300}$	$\frac{1}{4}$	$\frac{19}{60}$	$\Phi_{300}^{3}\ \Phi_{150}^{3}\ \Phi_{100}^{3}\ \Phi_{75}^{3}\ \Phi_{50}^{3}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
34165	777	270	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{17}{54}$	$\Phi_{270}^{4}\ \Phi_{135}^{4}\ \Phi_{54}^{5}\ \Phi_{27}^{5}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
34166	777	216	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{216}^{6}\ \Phi_{108}^{4}\ \Phi_{54}^{5}\ \Phi_{27}^{5}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
34167	777	1350	$\frac{1}{18}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{17}{54}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{54}\ \Phi_{27}\ \Phi_{25}\ \Phi_{1}$
34168	777	48	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{11}{48}$	$\frac{5}{16}$	$\Phi_{48}^{21}\ \Phi_{24}^{21}\ \Phi_{16}^{7}\ \Phi_{12}^{21}\ \Phi_{8}^{6}\ \Phi_{6}^{21}\ \Phi_{4}^{6}\ \Phi_{3}^{21}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
34169	777	40	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{40}^{21}\ \Phi_{20}^{17}\ \Phi_{10}^{19}\ \Phi_{8}^{21}\ \Phi_{5}^{19}\ \Phi_{4}^{16}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
34170	777	240	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{48}$	$\frac{3}{10}$	$\Phi_{240}^{4}\ \Phi_{120}^{4}\ \Phi_{80}^{4}\ \Phi_{48}^{5}\ \Phi_{40}^{4}\ \Phi_{24}^{5}\ \Phi_{16}^{5}\ \Phi_{10}^{2}\ \Phi_{8}^{5}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
34171	777	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{3}{10}$	$\Phi_{90}^{8}\ \Phi_{45}^{9}\ \Phi_{30}^{8}\ \Phi_{18}^{8}\ \Phi_{15}^{9}\ \Phi_{10}^{10}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{11}\ \Phi_{3}^{8}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
34172	777	210	$\frac{1}{10}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{210}^{4}\ \Phi_{105}^{4}\ \Phi_{70}^{4}\ \Phi_{42}^{5}\ \Phi_{35}^{4}\ \Phi_{21}^{5}\ \Phi_{14}^{5}\ \Phi_{10}^{2}\ \Phi_{7}^{5}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
34173	777	97	$\frac{6}{97}$	$\frac{13}{97}$	$\frac{23}{97}$	$\frac{28}{97}$	$\Phi_{97}^{8}\ \Phi_{1}^{9}$
34174	777	52	$\frac{3}{52}$	$\frac{7}{52}$	$\frac{1}{4}$	$\frac{15}{52}$	$\Phi_{52}^{15}\ \Phi_{26}^{15}\ \Phi_{13}^{15}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
34175	777	168	$\frac{5}{42}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{168}^{6}\ \Phi_{84}^{6}\ \Phi_{56}^{4}\ \Phi_{42}^{3}\ \Phi_{28}^{4}\ \Phi_{24}^{6}\ \Phi_{21}^{3}\ \Phi_{14}\ \Phi_{12}^{6}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
34176	777	360	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{1}{4}$	$\frac{101}{360}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{90}^{3}\ \Phi_{72}^{3}\ \Phi_{45}^{3}\ \Phi_{36}^{3}\ \Phi_{20}^{3}\ \Phi_{18}^{3}\ \Phi_{10}^{3}\ \Phi_{9}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
34177	777	540	$\frac{11}{270}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{540}^{2}\ \Phi_{270}\ \Phi_{180}^{2}\ \Phi_{135}\ \Phi_{108}^{2}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}^{2}\ \Phi_{27}\ \Phi_{20}^{2}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
34178	777	320	$\frac{3}{64}$	$\frac{61}{320}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{80}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
34179	777	272	$\frac{13}{272}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{272}^{3}\ \Phi_{136}^{3}\ \Phi_{68}^{3}\ \Phi_{34}^{3}\ \Phi_{17}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
34180	777	40	$\frac{3}{40}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{40}^{21}\ \Phi_{20}^{21}\ \Phi_{10}^{21}\ \Phi_{8}^{12}\ \Phi_{5}^{21}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
34181	777	288	$\frac{3}{32}$	$\frac{29}{288}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{288}^{3}\ \Phi_{144}^{3}\ \Phi_{96}^{3}\ \Phi_{72}^{3}\ \Phi_{48}^{3}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
34182	777	340	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{81}{340}$	$\frac{1}{4}$	$\Phi_{340}^{2}\ \Phi_{170}^{2}\ \Phi_{85}^{3}\ \Phi_{68}^{2}\ \Phi_{34}^{2}\ \Phi_{20}^{3}\ \Phi_{17}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
34183	777	320	$\frac{1}{20}$	$\frac{61}{320}$	$\frac{19}{80}$	$\frac{1}{4}$	$\Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
34184	777	48	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{48}^{21}\ \Phi_{24}^{9}\ \Phi_{16}^{21}\ \Phi_{12}^{12}\ \Phi_{8}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{14}\ \Phi_{3}^{12}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
34185	777	200	$\frac{3}{40}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{200}^{5}\ \Phi_{100}^{4}\ \Phi_{50}^{4}\ \Phi_{40}\ \Phi_{25}^{5}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
34186	777	300	$\frac{1}{10}$	$\frac{41}{300}$	$\frac{9}{50}$	$\frac{1}{4}$	$\Phi_{300}^{3}\ \Phi_{150}^{3}\ \Phi_{100}\ \Phi_{75}^{3}\ \Phi_{60}^{3}\ \Phi_{50}^{2}\ \Phi_{30}^{3}\ \Phi_{25}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
34187	777	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{360}^{3}\ \Phi_{180}^{2}\ \Phi_{120}^{3}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{3}\ \Phi_{40}^{3}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
34188	777	168	$\frac{5}{42}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{168}^{6}\ \Phi_{84}^{4}\ \Phi_{56}^{6}\ \Phi_{42}^{5}\ \Phi_{28}^{4}\ \Phi_{21}^{5}\ \Phi_{14}^{5}\ \Phi_{8}^{3}\ \Phi_{7}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
34189	777	1200	$\frac{1}{12}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{11}{48}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{200}\ \Phi_{48}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
34190	777	280	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{140}$	$\Phi_{280}^{3}\ \Phi_{140}^{2}\ \Phi_{70}^{2}\ \Phi_{56}^{4}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{3}\ \Phi_{20}^{2}\ \Phi_{14}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
34191	777	225	$\frac{1}{9}$	$\frac{4}{25}$	$\frac{8}{45}$	$\frac{1}{5}$	$\Phi_{225}^{4}\ \Phi_{75}^{4}\ \Phi_{45}\ \Phi_{25}^{5}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
34192	777	1050	$\frac{5}{42}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{175}\ \Phi_{42}\ \Phi_{25}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
34193	778	774	$\frac{2}{387}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{385}{774}$	$\Phi_{774}^{2}\ \Phi_{258}^{2}\ \Phi_{86}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
34194	778	1560	$\frac{1}{130}$	$\frac{131}{520}$	$\frac{1}{3}$	$\frac{129}{260}$	$\Phi_{1560}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{120}\ \Phi_{78}\ \Phi_{39}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{6}$
34195	778	666	$\frac{1}{111}$	$\frac{56}{333}$	$\frac{277}{666}$	$\frac{55}{111}$	$\Phi_{666}^{2}\ \Phi_{222}^{2}\ \Phi_{111}\ \Phi_{74}^{2}\ \Phi_{37}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
34196	778	770	$\frac{4}{385}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{381}{770}$	$\Phi_{770}^{2}\ \Phi_{154}^{2}\ \Phi_{110}^{2}\ \Phi_{70}^{2}\ \Phi_{22}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
34197	778	2310	$\frac{4}{385}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{381}{770}$	$\Phi_{2310}\ \Phi_{462}\ \Phi_{330}\ \Phi_{210}\ \Phi_{66}\ \Phi_{42}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
34198	778	468	$\frac{1}{78}$	$\frac{79}{468}$	$\frac{1}{3}$	$\frac{77}{156}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
34199	778	768	$\frac{5}{384}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{379}{768}$	$\Phi_{768}^2\ \Phi_{256}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
34200	778	765	$\frac{13}{765}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{376}{765}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}\ \Phi_{17}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
34201	778	2280	$\frac{9}{380}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{371}{760}$	$\Phi_{2280}\ \Phi_{456}\ \Phi_{120}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
34202	778	740	$\frac{1}{37}$	$\frac{19}{370}$	$\frac{351}{740}$	$\frac{18}{37}$	$\Phi_{740}^2\ \Phi_{148}^2\ \Phi_{37}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
34203	778	555	$\frac{1}{37}$	$\frac{19}{185}$	$\frac{166}{555}$	$\frac{18}{37}$	$\Phi_{555}^2\ \Phi_{111}^2\ \Phi_{37}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
34204	778	444	$\frac{1}{37}$	$\frac{55}{444}$	$\frac{19}{74}$	$\frac{18}{37}$	$\Phi_{444}^2\ \Phi_{222}^2\ \Phi_{148}^2\ \Phi_{111}^2\ \Phi_{37}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
34205	778	756	$\frac{11}{378}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{367}{756}$	$\Phi_{756}^2\ \Phi_{252}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
34206	778	756	$\frac{11}{378}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{367}{756}$	$\Phi_{756}^2\ \Phi_{252}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
34207	778	2262	$\frac{12}{377}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{365}{754}$	$\Phi_{2262}\ \Phi_{174}\ \Phi_{78}\ \Phi_{39}\ \Phi_6$
34208	778	420	$\frac{1}{30}$	$\frac{31}{420}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
34209	778	750	$\frac{14}{375}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{361}{750}$	$\Phi_{750}^2\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
34210	778	1248	$\frac{1}{26}$	$\frac{27}{416}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{96}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_6$
34211	778	567	$\frac{1}{21}$	$\frac{11}{189}$	$\frac{178}{567}$	$\frac{10}{21}$	$\Phi_{567}^2\ \Phi_{81}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
34212	778	420	$\frac{1}{21}$	$\frac{31}{420}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
34213	778	504	$\frac{1}{21}$	$\frac{11}{126}$	$\frac{115}{504}$	$\frac{10}{21}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
34214	778	441	$\frac{1}{21}$	$\frac{52}{441}$	$\frac{11}{63}$	$\frac{10}{21}$	$\Phi_{441}^2\ \Phi_{147}^2\ \Phi_{49}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
34215	778	741	$\frac{37}{741}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{352}{741}$	$\Phi_{741}\ \Phi_{247}\ \Phi_{57}\ \Phi_{39}^2\ \Phi_{19}\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
34216	778	448	$\frac{3}{56}$	$\frac{59}{448}$	$\frac{1}{7}$	$\frac{53}{112}$	$\Phi_{448}^2\ \Phi_{224}^2\ \Phi_{64}^2\ \Phi_{56}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
34217	778	735	$\frac{43}{735}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{346}{735}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
34218	778	2184	$\frac{1}{26}$	$\frac{25}{364}$	$\frac{1}{3}$	$\frac{339}{728}$	$\Phi_{2184}\ \Phi_{312}\ \Phi_{168}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_6$
34219	778	728	$\frac{25}{364}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{339}{728}$	$\Phi_{728}^2\ \Phi_{104}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
34220	778	720	$\frac{1}{30}$	$\frac{29}{360}$	$\frac{1}{3}$	$\frac{331}{720}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
34221	778	1200	$\frac{11}{400}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
34222	778	702	$\frac{1}{39}$	$\frac{38}{351}$	$\frac{1}{3}$	$\frac{313}{702}$	$\Phi_{702}^2\ \Phi_{234}^2\ \Phi_{78}^2\ \Phi_{54}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
34223	778	686	$\frac{3}{49}$	$\frac{46}{343}$	$\frac{1}{7}$	$\frac{297}{686}$	$\Phi_{686}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
34224	778	462	$\frac{4}{77}$	$\frac{1}{7}$	$\frac{73}{462}$	$\frac{3}{7}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
34225	778	420	$\frac{31}{420}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
34226	778	672	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{53}{336}$	$\frac{283}{672}$	$\Phi_{672}^2\ \Phi_{224}^2\ \Phi_{96}^2\ \Phi_{56}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
34227	778	396	$\frac{7}{396}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
34228	778	1950	$\frac{1}{65}$	$\frac{64}{325}$	$\frac{1}{3}$	$\frac{261}{650}$	$\Phi_{1950}\ \Phi_{390}\ \Phi_{195}\ \Phi_{150}\ \Phi_{78}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
34229	778	624	$\frac{1}{78}$	$\frac{77}{312}$	$\frac{1}{3}$	$\frac{235}{624}$	$\Phi_{624}^2\ \Phi_{208}^2\ \Phi_{78}^2\ \Phi_{48}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
34230	778	588	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{95}{294}$	$\frac{199}{588}$	$\Phi_{588}^2\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{84}^2\ \Phi_{49}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
34231	778	585	$\frac{2}{195}$	$\frac{193}{585}$	$\frac{1}{3}$	$\frac{196}{585}$	$\Phi_{585}\ \Phi_{195}^2\ \Phi_{117}\ \Phi_{65}^2\ \Phi_{45}\ \Phi_{39}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
34232	778	516	$\frac{2}{129}$	$\frac{127}{516}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{516}^2\ \Phi_{258}^2\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
34233	778	396	$\frac{7}{396}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
34234	778	468	$\frac{1}{39}$	$\frac{79}{468}$	$\frac{38}{117}$	$\frac{1}{3}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
34235	778	576	$\frac{5}{192}$	$\frac{1}{6}$	$\frac{187}{576}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
34236	778	450	$\frac{1}{30}$	$\frac{61}{450}$	$\frac{29}{90}$	$\frac{1}{3}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
34237	778	570	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{181}{570}$	$\frac{1}{3}$	$\Phi_{570}\ \Phi_{285}\ \Phi_{190}^2\ \Phi_{114}\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
34238	778	405	$\frac{16}{405}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{405}^2\ \Phi_{135}^2\ \Phi_{81}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
34239	778	546	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{157}{546}$	$\frac{1}{3}$	$\Phi_{546}\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{78}^2\ \Phi_{42}\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
34240	778	540	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{151}{540}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
34241	778	480	$\frac{1}{30}$	$\frac{91}{480}$	$\frac{29}{120}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
34242	778	510	$\frac{13}{255}$	$\frac{2}{15}$	$\frac{121}{510}$	$\frac{1}{3}$	$\Phi_{510}^2\ \Phi_{255}\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
34243	778	408	$\frac{19}{408}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
34244	778	1320	$\frac{4}{55}$	$\frac{51}{440}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{132}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
34245	778	420	$\frac{31}{420}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
34246	778	480	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{91}{480}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
34247	778	450	$\frac{1}{15}$	$\frac{61}{450}$	$\frac{14}{75}$	$\frac{1}{3}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
34248	778	432	$\frac{43}{432}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
34249	778	504	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{115}{504}$	$\frac{53}{168}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
34250	778	441	$\frac{52}{441}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{147}$	$\Phi_{441}^2\ \Phi_{147}\ \Phi_{63}^2\ \Phi_{49}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
34251	778	420	$\frac{31}{420}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
34252	778	504	$\frac{11}{126}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{115}{504}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
34253	778	490	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{245}$	$\frac{101}{490}$	$\Phi_{490}^2\ \Phi_{245}\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{49}^2\ \Phi_{35}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
34254	779	720	$\frac{1}{40}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{39}{80}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{80}^3\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
34255	779	1680	$\frac{1}{40}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{112}\ \Phi_{80}\ \Phi_{21}\ \Phi_{16}\ \Phi_7\ \Phi_1$
34256	779	2160	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{39}{80}$	$\Phi_{2160}\ \Phi_{432}\ \Phi_{80}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
34257	779	240	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{39}{80}$	$\Phi_{240}^6\ \Phi_{80}^7\ \Phi_{48}^6\ \Phi_{24}\ \Phi_{16}^7\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
34258	779	780	$\frac{1}{20}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
34259	779	180	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{19}{60}$	$\frac{17}{36}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^5\ \Phi_{45}^4\ \Phi_{36}^5\ \Phi_{30}^5\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^5\ \Phi_5^4\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
34260	779	396	$\frac{1}{18}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{44}^3\ \Phi_{36}\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{12}\ \Phi_{11}^3\ \Phi_4\ \Phi_1$
34261	779	180	$\frac{1}{18}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{180}^8\ \Phi_{60}^8\ \Phi_{45}\ \Phi_{36}^9\ \Phi_{20}^8\ \Phi_{15}\ \Phi_{12}^9\ \Phi_9\ \Phi_4^9\ \Phi_3\ \Phi_1$
34262	779	900	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{17}{36}$	$\Phi_{900}^2\ \Phi_{300}^2\ \Phi_{100}^2\ \Phi_{50}\ \Phi_{36}\ \Phi_{25}\ \Phi_{12}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
34263	779	144	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{17}{36}$	$\Phi_{144}^{6}\,\Phi_{72}^{4}\,\Phi_{48}^{7}\,\Phi_{36}^{5}\,\Phi_{24}^{5}\,\Phi_{18}^{4}\,\Phi_{16}^{7}\,\Phi_{12}^{6}\,\Phi_{9}^{4}\,\Phi_{8}^{4}\,\Phi_{6}^{5}\,\Phi_{4}^{5}\,\Phi_{3}^{5}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
34264	779	280	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{280}^{4}\,\Phi_{140}^{2}\,\Phi_{70}^{2}\,\Phi_{56}^{3}\,\Phi_{40}^{4}\,\Phi_{35}^{2}\,\Phi_{28}^{2}\,\Phi_{20}\,\Phi_{14}\,\Phi_{10}\,\Phi_{8}^{3}\,\Phi_{7}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
34265	779	360	$\frac{1}{20}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{360}^{4}\,\Phi_{120}^{4}\,\Phi_{72}^{3}\,\Phi_{60}^{2}\,\Phi_{40}^{4}\,\Phi_{30}^{2}\,\Phi_{24}^{3}\,\Phi_{20}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{10}\,\Phi_{8}^{3}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
34266	779	240	$\frac{1}{20}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{240}^{4}\,\Phi_{120}^{4}\,\Phi_{80}^{4}\,\Phi_{60}^{2}\,\Phi_{48}^{3}\,\Phi_{40}^{4}\,\Phi_{30}^{2}\,\Phi_{24}^{3}\,\Phi_{20}\,\Phi_{16}^{3}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{10}\,\Phi_{8}^{3}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
34267	779	140	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{140}^{6}\,\Phi_{70}^{5}\,\Phi_{35}^{6}\,\Phi_{28}^{6}\,\Phi_{20}^{5}\,\Phi_{14}^{5}\,\Phi_{10}^{4}\,\Phi_{7}^{5}\,\Phi_{5}^{5}\,\Phi_{4}^{5}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
34268	779	672	$\frac{1}{42}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{672}^{2}\,\Phi_{224}^{2}\,\Phi_{96}^{2}\,\Phi_{84}^{2}\,\Phi_{42}\,\Phi_{32}\,\Phi_{28}^{2}\,\Phi_{21}\,\Phi_{14}\,\Phi_{12}^{2}\,\Phi_{7}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
34269	779	168	$\frac{1}{42}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^{4}\,\Phi_{84}^{6}\,\Phi_{56}^{4}\,\Phi_{42}^{5}\,\Phi_{28}^{6}\,\Phi_{24}^{3}\,\Phi_{21}^{5}\,\Phi_{14}^{5}\,\Phi_{12}^{5}\,\Phi_{8}^{4}\,\Phi_{7}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
34270	779	210	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{210}^{4}\,\Phi_{105}^{4}\,\Phi_{70}^{4}\,\Phi_{42}^{3}\,\Phi_{35}^{4}\,\Phi_{30}^{3}\,\Phi_{21}^{3}\,\Phi_{15}^{4}\,\Phi_{14}^{3}\,\Phi_{10}^{3}\,\Phi_{7}^{3}\,\Phi_{6}^{2}\,\Phi_{5}^{3}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
34271	779	420	$\frac{1}{20}$	$\frac{2}{21}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{420}^{2}\,\Phi_{210}^{2}\,\Phi_{140}^{2}\,\Phi_{105}^{2}\,\Phi_{84}^{2}\,\Phi_{70}^{2}\,\Phi_{60}\,\Phi_{42}^{2}\,\Phi_{35}^{2}\,\Phi_{30}\,\Phi_{28}^{2}\,\Phi_{21}^{3}\,\Phi_{15}\,\Phi_{14}^{2}\,\Phi_{12}\,\Phi_{7}^{3}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
34272	779	924	$\frac{3}{44}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}\,\Phi_{462}\,\Phi_{308}\,\Phi_{231}\,\Phi_{154}\,\Phi_{77}\,\Phi_{44}\,\Phi_{22}\,\Phi_{21}\,\Phi_{11}\,\Phi_{7}\,\Phi_{1}$
34273	779	315	$\frac{4}{45}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{315}^{3}\,\Phi_{105}^{2}\,\Phi_{63}^{3}\,\Phi_{45}\,\Phi_{35}^{2}\,\Phi_{21}^{3}\,\Phi_{15}\,\Phi_{9}\,\Phi_{7}^{3}\,\Phi_{3}\,\Phi_{1}$
34274	779	1050	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{1050}\,\Phi_{525}\,\Phi_{350}\,\Phi_{175}\,\Phi_{50}\,\Phi_{25}\,\Phi_{21}\,\Phi_{7}\,\Phi_{1}$
34275	779	336	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{336}^{3}\,\Phi_{168}^{2}\,\Phi_{112}^{3}\,\Phi_{84}^{2}\,\Phi_{56}^{2}\,\Phi_{48}\,\Phi_{42}^{2}\,\Phi_{28}^{2}\,\Phi_{24}\,\Phi_{21}^{3}\,\Phi_{16}\,\Phi_{14}^{2}\,\Phi_{12}\,\Phi_{7}^{3}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
34276	779	540	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{60}$	$\Phi_{540}^{2}\,\Phi_{270}^{2}\,\Phi_{135}^{2}\,\Phi_{108}^{2}\,\Phi_{60}\,\Phi_{54}^{2}\,\Phi_{30}\,\Phi_{27}^{3}\,\Phi_{15}\,\Phi_{12}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
34277	779	120	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{60}$	$\Phi_{120}^{8}\,\Phi_{60}^{5}\,\Phi_{40}^{8}\,\Phi_{30}^{5}\,\Phi_{24}^{9}\,\Phi_{20}^{4}\,\Phi_{15}^{5}\,\Phi_{12}^{6}\,\Phi_{10}^{4}\,\Phi_{8}^{9}\,\Phi_{6}^{5}\,\Phi_{5}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{5}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
34278	779	1188	$\frac{3}{44}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{1188}\,\Phi_{594}\,\Phi_{297}\,\Phi_{44}\,\Phi_{27}\,\Phi_{22}\,\Phi_{11}\,\Phi_{1}$
34279	779	135	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{135}^{8}\,\Phi_{45}\,\Phi_{27}^{9}\,\Phi_{15}\,\Phi_{9}\,\Phi_{3}\,\Phi_{1}$
34280	779	1350	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{50}$	$\frac{8}{27}$	$\Phi_{1350}\,\Phi_{675}\,\Phi_{50}\,\Phi_{27}\,\Phi_{25}\,\Phi_{1}$
34281	779	432	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{8}{27}$	$\Phi_{432}^{3}\,\Phi_{216}^{2}\,\Phi_{108}^{2}\,\Phi_{54}^{2}\,\Phi_{48}\,\Phi_{27}^{3}\,\Phi_{24}\,\Phi_{16}\,\Phi_{12}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
34282	779	540	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{540}^{2}\,\Phi_{270}^{2}\,\Phi_{135}^{2}\,\Phi_{108}^{2}\,\Phi_{60}^{2}\,\Phi_{54}\,\Phi_{30}^{2}\,\Phi_{27}\,\Phi_{20}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
34283	779	264	$\frac{3}{44}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{264}^{4}\,\Phi_{132}^{2}\,\Phi_{88}^{4}\,\Phi_{66}^{2}\,\Phi_{44}^{3}\,\Phi_{33}^{2}\,\Phi_{24}\,\Phi_{22}^{3}\,\Phi_{12}\,\Phi_{11}^{3}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
34284	779	360	$\frac{4}{45}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{360}^{3}\,\Phi_{180}^{3}\,\Phi_{120}^{2}\,\Phi_{72}^{3}\,\Phi_{60}^{2}\,\Phi_{45}\,\Phi_{40}^{2}\,\Phi_{36}^{3}\,\Phi_{24}^{3}\,\Phi_{20}^{2}\,\Phi_{15}\,\Phi_{12}^{3}\,\Phi_{9}\,\Phi_{8}^{3}\,\Phi_{4}^{3}\,\Phi_{3}\,\Phi_{1}$
34285	779	600	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{50}$	$\frac{5}{24}$	$\Phi_{600}^{2}\,\Phi_{300}^{2}\,\Phi_{200}^{2}\,\Phi_{100}^{2}\,\Phi_{50}\,\Phi_{25}\,\Phi_{24}\,\Phi_{12}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
34286	779	48	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{48}^{19}\,\Phi_{24}^{14}\,\Phi_{16}^{19}\,\Phi_{12}^{14}\,\Phi_{8}^{13}\,\Phi_{6}^{13}\,\Phi_{4}^{13}\,\Phi_{3}^{13}\,\Phi_{2}^{12}\,\Phi_{1}^{13}$
34287	780	1164	$\frac{1}{194}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{193}{388}$	$\Phi_{1164}\,\Phi_{388}^{2}\,\Phi_{12}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
34288	780	1240	$\frac{1}{155}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{77}{155}$	$\Phi_{1240}\,\Phi_{248}\,\Phi_{155}\,\Phi_{40}\,\Phi_{31}\,\Phi_{8}^{2}\,\Phi_{5}\,\Phi_{1}^{2}$
34289	780	645	$\frac{1}{129}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{64}{129}$	$\Phi_{645}\,\Phi_{215}\,\Phi_{129}^{2}\,\Phi_{43}^{2}\,\Phi_{15}\,\Phi_{5}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{4}$
34290	780	516	$\frac{1}{129}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{64}{129}$	$\Phi_{516}^{2}\,\Phi_{258}^{2}\,\Phi_{172}^{2}\,\Phi_{86}^{2}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}$
34291	780	779	$\frac{7}{779}$	$\frac{131}{779}$	$\frac{324}{779}$	$\frac{386}{779}$	$\Phi_{779}\,\Phi_{41}\,\Phi_{19}\,\Phi_{1}^{2}$
34292	780	348	$\frac{1}{87}$	$\frac{1}{4}$	$\frac{22}{87}$	$\frac{43}{87}$	$\Phi_{348}^{3}\,\Phi_{174}^{3}\,\Phi_{116}^{3}\,\Phi_{58}^{3}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}$
34293	780	779	$\frac{9}{779}$	$\frac{194}{779}$	$\frac{197}{779}$	$\frac{385}{779}$	$\Phi_{779}\,\Phi_{41}\,\Phi_{19}\,\Phi_{1}^{2}$
34294	780	1173	$\frac{5}{391}$	$\frac{66}{391}$	$\frac{1}{3}$	$\frac{193}{391}$	$\Phi_{1173}\,\Phi_{69}\,\Phi_{51}$
34295	780	693	$\frac{1}{77}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{38}{77}$	$\Phi_{693}\,\Phi_{231}\,\Phi_{99}\,\Phi_{77}^{2}\,\Phi_{63}\,\Phi_{33}\,\Phi_{21}\,\Phi_{11}^{2}\,\Phi_{9}^{2}\,\Phi_{7}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
34296	780	462	$\frac{1}{77}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{38}{77}$	$\Phi_{462}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
34297	780	779	$\frac{11}{779}$	$\frac{79}{779}$	$\frac{350}{779}$	$\frac{384}{779}$	$\Phi_{779}\ \Phi_{41}\ \Phi_{19}\ \Phi_{1}^2$
34298	780	1408	$\frac{1}{64}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{63}{128}$	$\Phi_{1408}\ \Phi_{128}^2\ \Phi_{11}\ \Phi_{1}^2$
34299	780	2688	$\frac{1}{64}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{63}{128}$	$\Phi_{2688}\ \Phi_{21}$
34300	780	1408	$\frac{1}{64}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{63}{128}$	$\Phi_{1408}\ \Phi_{128}^2\ \Phi_{11}\ \Phi_{1}^2$
34301	780	640	$\frac{1}{64}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{63}{128}$	$\Phi_{640}^3\ \Phi_{20}\ \Phi_{10}$
34302	780	1416	$\frac{1}{59}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{29}{59}$	$\Phi_{1416}\ \Phi_{472}\ \Phi_{59}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{1}^2$
34303	780	885	$\frac{1}{59}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{29}{59}$	$\Phi_{885}\ \Phi_{295}\ \Phi_{59}\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{1}^2$
34304	780	1062	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{29}{59}$	$\Phi_{1062}\ \Phi_{531}\ \Phi_{59}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{1}^2$
34305	780	944	$\frac{1}{59}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{29}{59}$	$\Phi_{944}\ \Phi_{472}\ \Phi_{59}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
34306	780	942	$\frac{3}{157}$	$\frac{1}{6}$	$\frac{40}{157}$	$\frac{77}{157}$	$\Phi_{942}\ \Phi_{471}\ \Phi_{314}$
34307	780	1428	$\frac{1}{51}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{25}{51}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{204}\ \Phi_{84}\ \Phi_{68}\ \Phi_{51}\ \Phi_{28}^2\ \Phi_{17}\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
34308	780	357	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{25}{51}$	$\Phi_{357}^2\ \Phi_{119}^2\ \Phi_{51}^3\ \Phi_{21}^2\ \Phi_{17}^3\ \Phi_{7}^4\ \Phi_{3}^3\ \Phi_{1}^6$
34309	780	204	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{25}{51}$	$\Phi_{204}^5\ \Phi_{102}^2\ \Phi_{68}^5\ \Phi_{51}^3\ \Phi_{34}^2\ \Phi_{17}^3\ \Phi_{12}^7\ \Phi_{6}^3\ \Phi_{4}^6\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
34310	780	779	$\frac{17}{779}$	$\frac{116}{779}$	$\frac{199}{779}$	$\frac{381}{779}$	$\Phi_{779}\ \Phi_{41}\ \Phi_{19}\ \Phi_{1}^2$
34311	780	1173	$\frac{9}{391}$	$\frac{40}{391}$	$\frac{1}{3}$	$\frac{191}{391}$	$\Phi_{1173}\ \Phi_{69}\ \Phi_{51}$
34312	780	123	$\frac{1}{41}$	$\frac{7}{123}$	$\frac{58}{123}$	$\frac{20}{41}$	$\Phi_{123}^6\ \Phi_{41}^7\ \Phi_{3}^6\ \Phi_{1}^8$
34313	780	82	$\frac{1}{41}$	$\frac{7}{41}$	$\frac{17}{82}$	$\frac{20}{41}$	$\Phi_{82}^{12}\ \Phi_{41}^7\ \Phi_{2}^{12}\ \Phi_{1}^8$
34314	780	76	$\frac{1}{38}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{37}{76}$	$\Phi_{76}^{20}\ \Phi_{19}\ \Phi_{4}^{20}\ \Phi_{1}^2$
34315	780	2508	$\frac{1}{38}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{2508}\ \Phi_{132}\ \Phi_{33}$
34316	780	76	$\frac{1}{38}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{37}{76}$	$\Phi_{76}^{20}\ \Phi_{19}\ \Phi_{4}^{20}\ \Phi_{1}^2$
34317	780	1140	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{37}{76}$	$\Phi_{1140}^2\ \Phi_{380}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
34318	780	779	$\frac{21}{779}$	$\frac{80}{779}$	$\frac{233}{779}$	$\frac{379}{779}$	$\Phi_{779}\ \Phi_{41}\ \Phi_{19}\ \Phi_{1}^2$
34319	780	1638	$\frac{2}{63}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{1638}\ \Phi_{546}\ \Phi_{234}\ \Phi_{182}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
34320	780	252	$\frac{2}{63}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{61}{126}$	$\Phi_{252}^4\ \Phi_{84}^4\ \Phi_{63}^4\ \Phi_{36}^5\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{18}\ \Phi_{12}^5\ \Phi_{9}^4\ \Phi_{7}^4\ \Phi_{6}\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{1}^4$
34321	780	630	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{61}{126}$	$\Phi_{630}^3\ \Phi_{210}^3\ \Phi_{90}^3\ \Phi_{70}^3\ \Phi_{35}\ \Phi_{30}^3\ \Phi_{10}^3$
34322	780	942	$\frac{5}{157}$	$\frac{1}{6}$	$\frac{27}{157}$	$\frac{76}{157}$	$\Phi_{942}\ \Phi_{471}\ \Phi_{314}$
34323	780	779	$\frac{25}{779}$	$\frac{129}{779}$	$\frac{134}{779}$	$\frac{377}{779}$	$\Phi_{779}\ \Phi_{41}\ \Phi_{19}\ \Phi_{1}^2$
34324	780	725	$\frac{1}{29}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{14}{29}$	$\Phi_{725}\ \Phi_{145}\ \Phi_{29}^2\ \Phi_{25}^2\ \Phi_{5}^2\ \Phi_{1}^4$
34325	780	1218	$\frac{1}{29}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{174}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{6}^2$
34326	780	116	$\frac{1}{29}$	$\frac{3}{29}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{116}^9\ \Phi_{58}^9\ \Phi_{4}^8\ \Phi_{2}^8$
34327	780	435	$\frac{1}{29}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{14}{29}$	$\Phi_{435}^2\ \Phi_{145}\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{15}^4\ \Phi_{5}^2\ \Phi_{3}^4\ \Phi_{1}^4$
34328	780	779	$\frac{27}{779}$	$\frac{31}{779}$	$\frac{374}{779}$	$\frac{376}{779}$	$\Phi_{779}\ \Phi_{41}\ \Phi_{19}\ \Phi_{1}^2$
34329	780	1120	$\frac{1}{28}$	$\frac{29}{224}$	$\frac{1}{5}$	$\frac{27}{56}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{160}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
34330	780	1200	$\frac{1}{25}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
34331	780	725	$\frac{1}{25}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{12}{25}$	$\Phi_{725}\ \Phi_{145}\ \Phi_{29}^2\ \Phi_{25}^2\ \Phi_{5}^2\ \Phi_{1}^4$
34332	780	1100	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{220}\ \Phi_{110}\ \Phi_{44}^2\ \Phi_{22}^2$
34333	780	725	$\frac{1}{25}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{12}{25}$	$\Phi_{725}\ \Phi_{145}\ \Phi_{29}^2\ \Phi_{25}^2\ \Phi_{5}^2\ \Phi_{1}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
34334	780	1050	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{12}{25}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
34335	780	1122	$\frac{8}{187}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{179}{374}$	$\Phi_{1122}^2\ \Phi_{102}^2\ \Phi_{66}^2\ \Phi_{51}\ \Phi_{6}^2$
34336	780	69	$\frac{1}{23}$	$\frac{4}{69}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{69}^{11}\ \Phi_{23}^{12}\ \Phi_{3}^{10}\ \Phi_{1}^{12}$
34337	780	1144	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{1144}\ \Phi_{286}\ \Phi_{143}\ \Phi_{104}\ \Phi_{26}$
34338	780	854	$\frac{3}{61}$	$\frac{1}{14}$	$\frac{16}{61}$	$\frac{29}{61}$	$\Phi_{854}\ \Phi_{427}\ \Phi_{122}$
34339	780	19	$\frac{1}{19}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{9}{19}$	$\Phi_{19}^{41}\ \Phi_{1}^{42}$
34340	780	209	$\frac{1}{19}$	$\frac{14}{209}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{209}^4\ \Phi_{19}\ \Phi_{11}^4\ \Phi_{1}^2$
34341	780	532	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{532}^2\ \Phi_{266}\ \Phi_{133}\ \Phi_{76}\ \Phi_{28}^4\ \Phi_{19}\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{1}^2$
34342	780	95	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{17}{95}$	$\frac{9}{19}$	$\Phi_{95}^{10}\ \Phi_{19}\ \Phi_{5}^{10}\ \Phi_{1}^2$
34343	780	76	$\frac{1}{19}$	$\frac{5}{38}$	$\frac{11}{76}$	$\frac{9}{19}$	$\Phi_{76}^{12}\ \Phi_{38}^{8}\ \Phi_{19}^{9}\ \Phi_{4}^{12}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
34344	780	848	$\frac{3}{53}$	$\frac{1}{16}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{848}\ \Phi_{424}\ \Phi_{212}\ \Phi_{106}$
34345	780	123	$\frac{2}{41}$	$\frac{7}{123}$	$\frac{13}{41}$	$\frac{58}{123}$	$\Phi_{123}^6\ \Phi_{41}^7\ \Phi_{3}^6\ \Phi_{1}^8$
34346	780	123	$\frac{7}{123}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{58}{123}$	$\Phi_{123}^6\ \Phi_{41}^7\ \Phi_{3}^6\ \Phi_{1}^8$
34347	780	204	$\frac{3}{68}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{204}^6\ \Phi_{102}^6\ \Phi_{51}^5\ \Phi_{12}^6\ \Phi_{6}^6\ \Phi_{3}^4$
34348	780	1104	$\frac{1}{23}$	$\frac{11}{184}$	$\frac{1}{3}$	$\frac{173}{368}$	$\Phi_{1104}^2\ \Phi_{69}\ \Phi_{48}^2$
34349	780	779	$\frac{44}{779}$	$\frac{49}{779}$	$\frac{207}{779}$	$\frac{365}{779}$	$\Phi_{779}\ \Phi_{41}\ \Phi_{19}\ \Phi_{1}^2$
34350	780	779	$\frac{49}{779}$	$\frac{69}{779}$	$\frac{142}{779}$	$\frac{365}{779}$	$\Phi_{779}\ \Phi_{41}\ \Phi_{19}\ \Phi_{1}^2$
34351	780	869	$\frac{5}{79}$	$\frac{1}{11}$	$\frac{14}{79}$	$\frac{37}{79}$	Φ_{869}
34352	780	1173	$\frac{16}{391}$	$\frac{25}{391}$	$\frac{1}{3}$	$\frac{183}{391}$	$\Phi_{1173}\ \Phi_{69}\ \Phi_{51}$
34353	780	779	$\frac{51}{779}$	$\frac{83}{779}$	$\frac{116}{779}$	$\frac{364}{779}$	$\Phi_{779}\ \Phi_{41}\ \Phi_{19}\ \Phi_{1}^2$
34354	780	266	$\frac{1}{19}$	$\frac{9}{133}$	$\frac{71}{266}$	$\frac{62}{133}$	$\Phi_{266}^4\ \Phi_{133}^2\ \Phi_{38}^4\ \Phi_{19}\ \Phi_{14}^4\ \Phi_{7}^2\ \Phi_{2}^4\ \Phi_{1}^2$
34355	780	779	$\frac{32}{779}$	$\frac{53}{779}$	$\frac{249}{779}$	$\frac{363}{779}$	$\Phi_{779}\ \Phi_{41}\ \Phi_{19}\ \Phi_{1}^2$
34356	780	917	$\frac{9}{131}$	$\frac{14}{131}$	$\frac{1}{7}$	$\frac{61}{131}$	Φ_{917}
34357	780	942	$\frac{11}{157}$	$\frac{14}{157}$	$\frac{1}{6}$	$\frac{73}{157}$	$\Phi_{942}\ \Phi_{471}\ \Phi_{314}$
34358	780	779	$\frac{55}{779}$	$\frac{64}{779}$	$\frac{139}{779}$	$\frac{362}{779}$	$\Phi_{779}\ \Phi_{41}\ \Phi_{19}\ \Phi_{1}^2$
34359	780	756	$\frac{1}{27}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{756}^2\ \Phi_{252}^2\ \Phi_{108}^2\ \Phi_{84}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{12}\ \Phi_{9}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
34360	780	476	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{4}{17}$	$\frac{13}{28}$	$\Phi_{476}^3\ \Phi_{68}^3\ \Phi_{28}^4\ \Phi_{17}^3\ \Phi_{4}^4\ \Phi_{1}^4$
34361	780	140	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{140}^{13}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}^{13}\ \Phi_{10}$
34362	780	1044	$\frac{14}{261}$	$\frac{19}{261}$	$\frac{1}{4}$	$\frac{121}{261}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{58}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
34363	780	41	$\frac{2}{41}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{41}^{19}\ \Phi_{1}^{20}$
34364	780	1173	$\frac{14}{391}$	$\frac{29}{391}$	$\frac{1}{3}$	$\frac{181}{391}$	$\Phi_{1173}\ \Phi_{69}\ \Phi_{51}$
34365	780	854	$\frac{1}{14}$	$\frac{5}{61}$	$\frac{11}{61}$	$\frac{28}{61}$	$\Phi_{854}\ \Phi_{427}\ \Phi_{122}$
34366	780	744	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{744}^2\ \Phi_{248}^2\ \Phi_{93}$
34367	780	1416	$\frac{2}{59}$	$\frac{1}{12}$	$\frac{19}{59}$	$\frac{11}{24}$	$\Phi_{1416}\ \Phi_{472}\ \Phi_{59}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{1}^2$
34368	780	168	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{168}^9\ \Phi_{84}\ \Phi_{56}^9\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}^6\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}^6\ \Phi_{6}$
34369	780	1416	$\frac{3}{59}$	$\frac{1}{12}$	$\frac{14}{59}$	$\frac{11}{24}$	$\Phi_{1416}\ \Phi_{472}\ \Phi_{59}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{1}^2$
34370	780	240	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{240}^4\ \Phi_{120}^3\ \Phi_{80}^5\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{10}^5\ \Phi_{5}^4$
34371	780	1416	$\frac{4}{59}$	$\frac{1}{12}$	$\frac{11}{59}$	$\frac{11}{24}$	$\Phi_{1416}\ \Phi_{472}\ \Phi_{59}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{1}^2$
34372	780	312	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{312}^5\ \Phi_{104}^5\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
34373	780	1416	$\frac{1}{12}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{11}{24}$	$\Phi_{1416}\ \Phi_{472}\ \Phi_{59}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{1}^2$
34374	780	1848	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{77}$
34375	780	1056	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{31}{96}$	$\frac{5}{11}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}^2\ \Phi_{66}\ \Phi_{48}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
34376	780	748	$\frac{3}{68}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{748}\ \Phi_{374}\ \Phi_{187}\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{11}\ \Phi_{1}^2$
34377	780	176	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{3}{16}$	$\frac{5}{11}$	$\Phi_{176}^4\ \Phi_{88}^4\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{16}^8\ \Phi_{11}^5\ \Phi_{8}^8\ \Phi_{4}^8\ \Phi_{2}^8\ \Phi_{1}^{10}$
34378	780	462	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}\ \Phi_{77}\ \Phi_{66}\ \Phi_{42}^4\ \Phi_{33}\ \Phi_{21}^4\ \Phi_{14}^2\ \Phi_{11}\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
34379	780	792	$\frac{1}{11}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{72}^2\ \Phi_{66}\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
34380	780	779	$\frac{49}{779}$	$\frac{73}{779}$	$\frac{142}{779}$	$\frac{353}{779}$	$\Phi_{779}\ \Phi_{41}\ \Phi_{19}\ \Phi_{1}^2$
34381	780	1044	$\frac{11}{261}$	$\frac{25}{261}$	$\frac{1}{4}$	$\frac{118}{261}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{58}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
34382	780	360	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^3\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^3\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2$
34383	780	693	$\frac{2}{77}$	$\frac{1}{9}$	$\frac{25}{77}$	$\frac{4}{9}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{99}\ \Phi_{77}^2\ \Phi_{63}\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
34384	780	558	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{558}^2\ \Phi_{279}\ \Phi_{186}^2\ \Phi_{93}\ \Phi_{62}^2$
34385	780	108	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{108}^{10}\ \Phi_{54}^{10}\ \Phi_{36}^9\ \Phi_{18}^9\ \Phi_{12}^9\ \Phi_{6}^9\ \Phi_{4}^8\ \Phi_{2}^8$
34386	780	693	$\frac{5}{77}$	$\frac{1}{9}$	$\frac{12}{77}$	$\frac{4}{9}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{99}\ \Phi_{77}^2\ \Phi_{63}\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
34387	780	126	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{126}^6\ \Phi_{63}^5\ \Phi_{42}^6\ \Phi_{21}^5\ \Phi_{18}^6\ \Phi_{14}^{12}\ \Phi_{9}^6\ \Phi_{7}^{10}\ \Phi_{6}^6\ \Phi_{3}^6\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
34388	780	396	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{44}$	$\frac{4}{9}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}\ \Phi_{66}^2\ \Phi_{44}^4\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{22}^4\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
34389	780	210	$\frac{1}{21}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{210}^7\ \Phi_{105}\ \Phi_{70}^6\ \Phi_{42}^7\ \Phi_{35}\ \Phi_{30}^7\ \Phi_{15}\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_{6}^7\ \Phi_{2}^6$
34390	780	116	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{1}{4}$	$\frac{51}{116}$	$\Phi_{116}^5\ \Phi_{58}^9\ \Phi_{29}^8\ \Phi_{4}^4\ \Phi_{2}^8\ \Phi_{1}^8$
34391	780	336	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{336}^2\ \Phi_{168}^3\ \Phi_{112}^2\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^2\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{3}^2$
34392	780	779	$\frac{17}{779}$	$\frac{105}{779}$	$\frac{254}{779}$	$\frac{337}{779}$	$\Phi_{779}\ \Phi_{41}\ \Phi_{19}\ \Phi_{1}^2$
34393	780	779	$\frac{34}{779}$	$\frac{105}{779}$	$\frac{149}{779}$	$\frac{337}{779}$	$\Phi_{779}\ \Phi_{41}\ \Phi_{19}\ \Phi_{1}^2$
34394	780	114	$\frac{1}{19}$	$\frac{8}{57}$	$\frac{3}{19}$	$\frac{49}{114}$	$\Phi_{114}^{12}\ \Phi_{38}^{12}\ \Phi_{19}^5\ \Phi_{6}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^6$
34395	780	280	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{280}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}^2\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2$
34396	780	854	$\frac{1}{14}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{26}{61}$	$\Phi_{854}\ \Phi_{427}\ \Phi_{122}$
34397	780	779	$\frac{53}{779}$	$\frac{90}{779}$	$\frac{121}{779}$	$\frac{329}{779}$	$\Phi_{779}\ \Phi_{41}\ \Phi_{19}\ \Phi_{1}^2$
34398	780	76	$\frac{1}{19}$	$\frac{11}{76}$	$\frac{3}{19}$	$\frac{8}{19}$	$\Phi_{76}^{12}\ \Phi_{38}^{12}\ \Phi_{19}^5\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^6$
34399	780	942	$\frac{7}{157}$	$\frac{25}{157}$	$\frac{1}{6}$	$\frac{66}{157}$	$\Phi_{942}\ \Phi_{471}\ \Phi_{314}$
34400	780	560	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{1}{5}$	$\frac{47}{112}$	$\Phi_{560}^3\ \Phi_{140}\ \Phi_{80}^3\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
34401	780	837	$\frac{1}{27}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{837}\ \Phi_{279}\ \Phi_{93}$
34402	780	936	$\frac{1}{13}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
34403	780	779	$\frac{35}{779}$	$\frac{124}{779}$	$\frac{131}{779}$	$\frac{324}{779}$	$\Phi_{779}\ \Phi_{41}\ \Phi_{19}\ \Phi_{1}^2$
34404	780	41	$\frac{2}{41}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{41}^{19}\ \Phi_{1}^{20}$
34405	780	133	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{23}{133}$	$\frac{55}{133}$	$\Phi_{133}^6\ \Phi_{19}^5\ \Phi_{7}^6\ \Phi_{1}^6$
34406	780	854	$\frac{1}{14}$	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{25}{61}$	$\Phi_{854}\ \Phi_{427}\ \Phi_{122}$
34407	780	286	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{286}^5\ \Phi_{143}\ \Phi_{26}^5$
34408	780	779	$\frac{54}{779}$	$\frac{77}{779}$	$\frac{145}{779}$	$\frac{317}{779}$	$\Phi_{779}\ \Phi_{41}\ \Phi_{19}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
34409	780	328	$\frac{1}{41}$	$\frac{31}{164}$	$\frac{10}{41}$	$\frac{133}{328}$	$\Phi_{328}^4\ \Phi_{41}^3\ \Phi_8^4\ \Phi_1^4$
34410	780	917	$\frac{6}{131}$	$\frac{1}{7}$	$\frac{25}{131}$	$\frac{53}{131}$	Φ_{917}
34411	780	779	$\frac{24}{779}$	$\frac{151}{779}$	$\frac{155}{779}$	$\frac{314}{779}$	$\Phi_{779}\ \Phi_{41}\ \Phi_{19}\ \Phi_1^2$
34412	780	348	$\frac{2}{87}$	$\frac{17}{87}$	$\frac{1}{4}$	$\frac{35}{87}$	$\Phi_{348}^3\ \Phi_{174}^3\ \Phi_{116}^3\ \Phi_{58}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
34413	780	779	$\frac{14}{779}$	$\frac{153}{779}$	$\frac{233}{779}$	$\frac{313}{779}$	$\Phi_{779}\ \Phi_{41}\ \Phi_{19}\ \Phi_1^2$
34414	780	1173	$\frac{6}{391}$	$\frac{77}{391}$	$\frac{1}{3}$	$\frac{157}{391}$	$\Phi_{1173}\ \Phi_{69}\ \Phi_{51}$
34415	780	330	$\frac{1}{66}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{66}^4\ \Phi_{55}^2\ \Phi_{33}^4\ \Phi_{30}^2\ \Phi_{22}^4\ \Phi_{15}\ \Phi_{11}^4\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
34416	780	430	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{21}{86}$	$\frac{2}{5}$	$\Phi_{430}^2\ \Phi_{215}\ \Phi_{86}^4\ \Phi_{43}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^4\ \Phi_1^4$
34417	780	645	$\frac{4}{129}$	$\frac{25}{129}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{645}\ \Phi_{215}\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
34418	780	270	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{270}^3\ \Phi_{135}^2\ \Phi_{90}^3\ \Phi_{54}^6\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}^4\ \Phi_{18}^6\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^4\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
34419	780	215	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{215}^3\ \Phi_{43}^6\ \Phi_5^4\ \Phi_1^8$
34420	780	770	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{770}\ \Phi_{385}\ \Phi_{154}^2\ \Phi_{110}\ \Phi_{77}^2\ \Phi_{22}^2$
34421	780	1344	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
34422	780	41	$\frac{2}{41}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{41}^{19}\ \Phi_1^{20}$
34423	780	858	$\frac{1}{66}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{858}\ \Phi_{429}\ \Phi_{286}\ \Phi_{143}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
34424	780	82	$\frac{1}{41}$	$\frac{17}{82}$	$\frac{10}{41}$	$\frac{31}{82}$	$\Phi_{82}^8\ \Phi_{41}^{11}\ \Phi_2^8\ \Phi_1^{12}$
34425	780	1896	$\frac{1}{79}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1896}\ \Phi_{237}$
34426	780	1240	$\frac{2}{155}$	$\frac{1}{4}$	$\frac{51}{155}$	$\frac{3}{8}$	$\Phi_{1240}\ \Phi_{248}\ \Phi_{155}\ \Phi_{40}\ \Phi_{31}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
34427	780	424	$\frac{1}{53}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{424}^3\ \Phi_{212}\ \Phi_{106}$
34428	780	1240	$\frac{3}{155}$	$\frac{38}{155}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1240}\ \Phi_{248}\ \Phi_{155}\ \Phi_{40}\ \Phi_{31}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
34429	780	40	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{40}^{19}\ \Phi_{20}^{20}\ \Phi_{10}^{20}\ \Phi_8^{20}\ \Phi_5^{19}\ \Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^{20}$
34430	780	248	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{248}^5\ \Phi_{31}^5\ \Phi_8^6\ \Phi_1^6$
34431	780	1512	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{189}\ \Phi_{168}\ \Phi_{63}\ \Phi_{21}$
34432	780	1240	$\frac{11}{155}$	$\frac{12}{155}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1240}\ \Phi_{248}\ \Phi_{155}\ \Phi_{40}\ \Phi_{31}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
34433	780	728	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{728}^2\ \Phi_{182}\ \Phi_{104}\ \Phi_{91}\ \Phi_{26}$
34434	780	133	$\frac{3}{133}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{133}^6\ \Phi_{19}^5\ \Phi_7^6\ \Phi_1^6$
34435	780	41	$\frac{1}{41}$	$\frac{8}{41}$	$\frac{11}{41}$	$\frac{15}{41}$	$\Phi_{41}^{19}\ \Phi_1^{20}$
34436	780	837	$\frac{1}{27}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{837}\ \Phi_{279}\ \Phi_{93}$
34437	780	420	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{420}^3\ \Phi_{210}\ \Phi_{140}^3\ \Phi_{105}\ \Phi_{84}^3\ \Phi_{70}\ \Phi_{60}^3\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^3\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^3\ \Phi_6$
34438	780	779	$\frac{39}{779}$	$\frac{74}{779}$	$\frac{235}{779}$	$\frac{272}{779}$	$\Phi_{779}\ \Phi_{41}\ \Phi_{19}\ \Phi_1^2$
34439	780	779	$\frac{51}{779}$	$\frac{56}{779}$	$\frac{241}{779}$	$\frac{269}{779}$	$\Phi_{779}\ \Phi_{41}\ \Phi_{19}\ \Phi_1^2$
34440	780	854	$\frac{4}{61}$	$\frac{1}{14}$	$\frac{19}{61}$	$\frac{21}{61}$	$\Phi_{854}\ \Phi_{427}\ \Phi_{122}$
34441	780	869	$\frac{4}{79}$	$\frac{1}{11}$	$\frac{25}{79}$	$\frac{27}{79}$	Φ_{869}
34442	780	779	$\frac{26}{779}$	$\frac{103}{779}$	$\frac{251}{779}$	$\frac{264}{779}$	$\Phi_{779}\ \Phi_{41}\ \Phi_{19}\ \Phi_1^2$
34443	780	942	$\frac{4}{157}$	$\frac{1}{6}$	$\frac{51}{157}$	$\frac{53}{157}$	$\Phi_{942}\ \Phi_{471}\ \Phi_{314}$
34444	780	490	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{16}{49}$	$\frac{33}{98}$	$\Phi_{490}^3\ \Phi_{245}\ \Phi_{70}^3\ \Phi_{35}\ \Phi_{10}^3$
34445	780	779	$\frac{8}{779}$	$\frac{257}{779}$	$\frac{259}{779}$	$\frac{261}{779}$	$\Phi_{779}\ \Phi_{41}\ \Phi_{19}\ \Phi_1^2$
34446	780	1173	$\frac{4}{391}$	$\frac{129}{391}$	$\frac{1}{3}$	$\frac{131}{391}$	$\Phi_{1173}\ \Phi_{69}\ \Phi_{51}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
34447	780	291	$\frac{1}{97}$	$\frac{32}{97}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{291}^2\ \Phi_{97}^4\ \Phi_3^3\ \Phi_1^6$
34448	780	132	$\frac{1}{66}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{132}^8\ \Phi_{66}^4\ \Phi_{44}^8\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{12}^7\ \Phi_{11}^4\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
34449	780	291	$\frac{2}{97}$	$\frac{19}{97}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{291}^2\ \Phi_{97}^4\ \Phi_3^3\ \Phi_1^6$
34450	780	120	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^7\ \Phi_{60}^7\ \Phi_{40}^6\ \Phi_{30}^7\ \Phi_{24}^7\ \Phi_{20}^6\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}^6\ \Phi_8^6\ \Phi_6^3\ \Phi_5^6\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
34451	780	465	$\frac{1}{31}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{465}^2\ \Phi_{155}^2\ \Phi_{93}$
34452	780	291	$\frac{6}{97}$	$\frac{7}{97}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{291}^2\ \Phi_{97}^4\ \Phi_3^3\ \Phi_1^6$
34453	780	336	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^4\ \Phi_{84}^2\ \Phi_{56}^4\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}^4\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
34454	780	1548	$\frac{2}{129}$	$\frac{1}{4}$	$\frac{127}{387}$	$\frac{1}{3}$	$\Phi_{1548}\ \Phi_{774}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
34455	780	462	$\frac{2}{77}$	$\frac{1}{6}$	$\frac{25}{77}$	$\frac{1}{3}$	$\Phi_{462}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
34456	780	672	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{31}{96}$	$\frac{1}{3}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}^2\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2$
34457	780	1173	$\frac{13}{391}$	$\frac{53}{391}$	$\frac{126}{391}$	$\frac{1}{3}$	$\Phi_{1173}\ \Phi_{69}\ \Phi_{51}$
34458	780	885	$\frac{2}{59}$	$\frac{2}{15}$	$\frac{19}{59}$	$\frac{1}{3}$	$\Phi_{885}\ \Phi_{295}\ \Phi_{59}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
34459	780	627	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{627}^2\ \Phi_{33}^3$
34460	780	1218	$\frac{2}{29}$	$\frac{1}{14}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{174}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
34461	780	1173	$\frac{27}{391}$	$\frac{28}{391}$	$\frac{121}{391}$	$\frac{1}{3}$	$\Phi_{1173}\ \Phi_{69}\ \Phi_{51}$
34462	780	561	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{57}{187}$	$\frac{1}{3}$	$\Phi_{561}^2\ \Phi_{51}^3\ \Phi_{33}^2\ \Phi_3^2$
34463	780	69	$\frac{4}{69}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{69}^{11}\ \Phi_{23}^{12}\ \Phi_3^{10}\ \Phi_1^{12}$
34464	780	1173	$\frac{21}{391}$	$\frac{37}{391}$	$\frac{118}{391}$	$\frac{1}{3}$	$\Phi_{1173}\ \Phi_{69}\ \Phi_{51}$
34465	780	204	$\frac{3}{68}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{204}^6\ \Phi_{102}^6\ \Phi_{51}^5\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^4$
34466	780	276	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{27}{92}$	$\frac{1}{3}$	$\Phi_{276}^4\ \Phi_{138}^4\ \Phi_{69}^5\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4$
34467	780	189	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{189}^4\ \Phi_{63}^4\ \Phi_{27}^6\ \Phi_{21}^2\ \Phi_9^6\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
34468	780	558	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{558}^2\ \Phi_{279}^2\ \Phi_{93}$
34469	780	1173	$\frac{11}{391}$	$\frac{76}{391}$	$\frac{105}{391}$	$\frac{1}{3}$	$\Phi_{1173}\ \Phi_{69}\ \Phi_{51}$
34470	780	1080	$\frac{1}{40}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
34471	780	516	$\frac{1}{43}$	$\frac{21}{86}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{516}^3\ \Phi_{258}\ \Phi_{129}^2\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
34472	780	516	$\frac{4}{129}$	$\frac{25}{129}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{516}^2\ \Phi_{258}^2\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
34473	780	1488	$\frac{1}{31}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{93}$
34474	780	108	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{108}^{10}\ \Phi_{54}^4\ \Phi_{36}^{10}\ \Phi_{27}^6\ \Phi_{18}^4\ \Phi_{12}^7\ \Phi_9^6\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
34475	780	1428	$\frac{3}{68}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{357}\ \Phi_{21}$
34476	780	420	$\frac{1}{21}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{84}\ \Phi_{70}^3\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
34477	780	516	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{516}^3\ \Phi_{258}^3\ \Phi_{12}^4\ \Phi_6^4$
34478	780	924	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}\ \Phi_{231}\ \Phi_{132}\ \Phi_{33}$
34479	780	138	$\frac{1}{23}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{1}{3}$	$\Phi_{138}^8\ \Phi_{69}^9\ \Phi_6^8\ \Phi_3^8$
34480	780	885	$\frac{3}{59}$	$\frac{2}{15}$	$\frac{14}{59}$	$\frac{1}{3}$	$\Phi_{885}\ \Phi_{295}\ \Phi_{59}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
34481	780	1092	$\frac{1}{13}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{182}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
34482	780	936	$\frac{1}{13}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
34483	780	69	$\frac{4}{69}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{69}^{11}\ \Phi_{23}^{12}\ \Phi_3^{10}\ \Phi_1^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
34484	780	240	$\frac{1}{16}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^4\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
34485	780	336	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{3}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{21}^5$
34486	780	1173	$\frac{26}{391}$	$\frac{53}{391}$	$\frac{73}{391}$	$\frac{1}{3}$	$\Phi_{1173}\ \Phi_{69}\ \Phi_{51}$
34487	780	885	$\frac{4}{59}$	$\frac{2}{15}$	$\frac{11}{59}$	$\frac{1}{3}$	$\Phi_{885}\ \Phi_{295}\ \Phi_{59}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
34488	780	255	$\frac{7}{85}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{255}^5\ \Phi_{51}^3\ \Phi_{15}^5\ \Phi_3^2$
34489	780	1218	$\frac{1}{14}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{174}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
34490	780	1173	$\frac{25}{391}$	$\frac{61}{391}$	$\frac{66}{391}$	$\frac{1}{3}$	$\Phi_{1173}\ \Phi_{69}\ \Phi_{51}$
34491	780	462	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{462}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
34492	780	42	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{42}^{16}\ \Phi_{21}^{17}\ \Phi_{14}^{22}\ \Phi_7^{22}\ \Phi_6^{18}\ \Phi_3^{18}\ \Phi_2^{24}\ \Phi_1^{24}$
34493	780	390	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{390}^3\ \Phi_{195}^2\ \Phi_{130}^3\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{26}$
34494	780	132	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{132}^6\ \Phi_{66}^4\ \Phi_{44}^8\ \Phi_{33}^5\ \Phi_{22}^6\ \Phi_{12}^6\ \Phi_{11}^6\ \Phi_6^6\ \Phi_4^8\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
34495	780	885	$\frac{5}{59}$	$\frac{2}{15}$	$\frac{9}{59}$	$\frac{1}{3}$	$\Phi_{885}\ \Phi_{295}\ \Phi_{59}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
34496	780	138	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{7}{46}$	$\frac{1}{3}$	$\Phi_{138}^{10}\ \Phi_{69}^7\ \Phi_6^{10}\ \Phi_3^6$
34497	780	1155	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{77}$
34498	780	504	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2$
34499	780	1056	$\frac{1}{32}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{31}{96}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}^2\ \Phi_{66}\ \Phi_{48}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
34500	780	480	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{31}{96}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{120}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}\ \Phi_{15}^3\ \Phi_{10}$
34501	780	1062	$\frac{2}{59}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{19}{59}$	$\Phi_{1062}\ \Phi_{531}\ \Phi_{59}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
34502	780	944	$\frac{2}{59}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{19}{59}$	$\Phi_{944}\ \Phi_{472}\ \Phi_{59}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
34503	780	420	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{19}{84}$	$\frac{9}{28}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}\ \Phi_{105}^3\ \Phi_{70}\ \Phi_{60}^3\ \Phi_{35}\ \Phi_{30}^3\ \Phi_{20}\ \Phi_{15}^3\ \Phi_{10}$
34504	780	123	$\frac{2}{41}$	$\frac{19}{123}$	$\frac{28}{123}$	$\frac{13}{41}$	$\Phi_{123}^6\ \Phi_{41}^7\ \Phi_3^6\ \Phi_1^8$
34505	780	82	$\frac{2}{41}$	$\frac{7}{41}$	$\frac{17}{82}$	$\frac{13}{41}$	$\Phi_{82}^{12}\ \Phi_{41}^7\ \Phi_2^{12}\ \Phi_1^8$
34506	780	19	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{6}{19}$	$\Phi_{19}^{41}\ \Phi_1^{42}$
34507	780	570	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{6}{19}$	$\Phi_{570}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^3$
34508	780	779	$\frac{47}{779}$	$\frac{107}{779}$	$\frac{168}{779}$	$\frac{244}{779}$	$\Phi_{779}\ \Phi_{41}\ \Phi_{19}\ \Phi_1^2$
34509	780	756	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{59}{189}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
34510	780	942	$\frac{10}{157}$	$\frac{1}{6}$	$\frac{27}{157}$	$\frac{49}{157}$	$\Phi_{942}\ \Phi_{471}\ \Phi_{314}$
34511	780	779	$\frac{50}{779}$	$\frac{129}{779}$	$\frac{134}{779}$	$\frac{243}{779}$	$\Phi_{779}\ \Phi_{41}\ \Phi_{19}\ \Phi_1^2$
34512	780	980	$\frac{13}{196}$	$\frac{27}{196}$	$\frac{1}{5}$	$\frac{61}{196}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
34513	780	435	$\frac{2}{29}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{9}{29}$	$\Phi_{435}^2\ \Phi_{145}\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{15}^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
34514	780	119	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{4}{17}$	$\frac{2}{7}$	$\Phi_{119}^6\ \Phi_{17}^9\ \Phi_7^8\ \Phi_1^{12}$
34515	780	70	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{70}^{15}\ \Phi_{35}^{13}\ \Phi_{10}^{15}\ \Phi_5^{12}$
34516	780	779	$\frac{43}{779}$	$\frac{119}{779}$	$\frac{184}{779}$	$\frac{220}{779}$	$\Phi_{779}\ \Phi_{41}\ \Phi_{19}\ \Phi_1^2$
34517	780	171	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{41}{171}$	$\frac{16}{57}$	$\Phi_{171}^6\ \Phi_{19}^5\ \Phi_9^6\ \Phi_1^6$
34518	780	854	$\frac{1}{14}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	$\Phi_{854}\ \Phi_{427}\ \Phi_{122}$
34519	780	252	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{252}^6\ \Phi_{126}^3\ \Phi_{84}\ \Phi_{63}^3\ \Phi_{42}\ \Phi_{36}^4\ \Phi_{28}\ \Phi_{18}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
34520	780	1062	$\frac{3}{59}$	$\frac{1}{6}$	$\frac{14}{59}$	$\frac{5}{18}$	$\Phi_{1062}\ \Phi_{531}\ \Phi_{59}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
34521	780	720	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{180}^2\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
34522	780	1062	$\frac{4}{59}$	$\frac{1}{6}$	$\frac{11}{59}$	$\frac{5}{18}$	$\Phi_{1062}\ \Phi_{531}\ \Phi_{59}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{1}^2$
34523	780	234	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{234}^5\ \Phi_{117}^5\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
34524	780	1062	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1062}\ \Phi_{531}\ \Phi_{59}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{1}^2$
34525	780	1386	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{77}$
34526	780	748	$\frac{3}{68}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{748}\ \Phi_{374}\ \Phi_{187}\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{11}\ \Phi_{1}^2$
34527	780	176	$\frac{1}{16}$	$\frac{2}{11}$	$\frac{3}{16}$	$\frac{3}{11}$	$\Phi_{176}^4\ \Phi_{88}^4\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{16}^8\ \Phi_{11}^5\ \Phi_{8}^8\ \Phi_{4}^8\ \Phi_{2}^8\ \Phi_{1}^{10}$
34528	780	462	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}\ \Phi_{77}\ \Phi_{66}\ \Phi_{42}^4\ \Phi_{33}\ \Phi_{21}^4\ \Phi_{14}^2\ \Phi_{11}\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
34529	780	792	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{72}^2\ \Phi_{66}\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
34530	780	779	$\frac{49}{779}$	$\frac{142}{779}$	$\frac{146}{779}$	$\frac{211}{779}$	$\Phi_{779}\ \Phi_{41}\ \Phi_{19}\ \Phi_{1}^2$
34531	780	980	$\frac{11}{196}$	$\frac{37}{196}$	$\frac{1}{5}$	$\frac{53}{196}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
34532	780	779	$\frac{44}{779}$	$\frac{147}{779}$	$\frac{158}{779}$	$\frac{207}{779}$	$\Phi_{779}\ \Phi_{41}\ \Phi_{19}\ \Phi_{1}^2$
34533	780	209	$\frac{14}{209}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{209}^4\ \Phi_{19}\ \Phi_{11}^4\ \Phi_{1}^2$
34534	780	854	$\frac{1}{14}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{854}\ \Phi_{427}\ \Phi_{122}$
34535	780	779	$\frac{51}{779}$	$\frac{116}{779}$	$\frac{182}{779}$	$\frac{199}{779}$	$\Phi_{779}\ \Phi_{41}\ \Phi_{19}\ \Phi_{1}^2$
34536	780	942	$\frac{9}{157}$	$\frac{1}{6}$	$\frac{37}{157}$	$\frac{40}{157}$	$\Phi_{942}\ \Phi_{471}\ \Phi_{314}$
34537	780	348	$\frac{1}{29}$	$\frac{7}{29}$	$\frac{1}{4}$	$\frac{22}{87}$	$\Phi_{348}^4\ \Phi_{174}^4\ \Phi_{116}\ \Phi_{58}\ \Phi_{12}^4\ \Phi_{6}^4$
34538	780	340	$\frac{3}{68}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{340}^3\ \Phi_{170}^3\ \Phi_{85}^3\ \Phi_{20}\ \Phi_{10}$
34539	780	336	$\frac{1}{21}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
34540	780	1280	$\frac{3}{64}$	$\frac{1}{5}$	$\frac{61}{256}$	$\frac{1}{4}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{20}\ \Phi_{10}$
34541	780	944	$\frac{3}{59}$	$\frac{3}{16}$	$\frac{14}{59}$	$\frac{1}{4}$	$\Phi_{944}\ \Phi_{472}\ \Phi_{59}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
34542	780	204	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{4}{17}$	$\frac{1}{4}$	$\Phi_{204}^6\ \Phi_{102}^3\ \Phi_{68}^3\ \Phi_{51}^3\ \Phi_{17}^3\ \Phi_{12}^8\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{1}^4$
34543	780	1044	$\frac{17}{261}$	$\frac{40}{261}$	$\frac{61}{261}$	$\frac{1}{4}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{58}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
34544	780	72	$\frac{7}{72}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{72}^{12}\ \Phi_{36}^9\ \Phi_{24}^{12}\ \Phi_{18}^9\ \Phi_{12}^9\ \Phi_{9}^{12}\ \Phi_{8}^{12}\ \Phi_{6}^9\ \Phi_{4}^8\ \Phi_{3}^{12}\ \Phi_{2}^8\ \Phi_{1}^{12}$
34545	780	532	$\frac{1}{14}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{532}^2\ \Phi_{266}\ \Phi_{133}\ \Phi_{76}\ \Phi_{28}^4\ \Phi_{19}\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{1}^2$
34546	780	1044	$\frac{16}{261}$	$\frac{49}{261}$	$\frac{53}{261}$	$\frac{1}{4}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{58}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
34547	780	80	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{80}^{12}\ \Phi_{40}^{12}\ \Phi_{20}^{13}\ \Phi_{10}^{13}\ \Phi_{5}^{12}$
34548	780	420	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^4\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
34549	780	660	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}\ \Phi_{132}^2\ \Phi_{110}\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{22}^2$
34550	780	1120	$\frac{3}{32}$	$\frac{29}{224}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
34551	780	360	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{30}^3\ \Phi_{20}\ \Phi_{15}^3\ \Phi_{10}$
34552	780	944	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{944}\ \Phi_{472}\ \Phi_{59}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
34553	780	624	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}\ \Phi_{104}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
34554	780	944	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{944}\ \Phi_{472}\ \Phi_{59}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
34555	780	1232	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{77}$
34556	780	252	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{11}{63}$	$\frac{1}{4}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{36}^5\ \Phi_{28}^4\ \Phi_{18}^5\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_{6}^5\ \Phi_{4}^4\ \Phi_{2}^4$
34557	780	116	$\frac{3}{29}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\Phi_{116}^9\ \Phi_{58}^9\ \Phi_{4}^8\ \Phi_{2}^8$
34558	780	420	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{19}{84}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{35}\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{10}^3$
34559	780	76	$\frac{5}{38}$	$\frac{11}{76}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{76}^{12}\ \Phi_{38}^8\ \Phi_{19}^9\ \Phi_{4}^{12}\ \Phi_{2}^8\ \Phi_{1}^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
34560	780	82	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{82}$	$\Phi_{82}^{12}\ \Phi_{41}^{7}\ \Phi_{2}^{12}\ \Phi_{1}^{8}$
34561	780	435	$\frac{2}{15}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{5}$	$\Phi_{435}^{2}\ \Phi_{145}\ \Phi_{87}^{2}\ \Phi_{29}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
34562	780	210	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{210}^{5}\ \Phi_{105}^{3}\ \Phi_{70}^{5}\ \Phi_{42}^{6}\ \Phi_{35}^{4}\ \Phi_{21}^{4}\ \Phi_{14}^{6}\ \Phi_{7}^{4}$
34563	781	1248	$\frac{1}{156}$	$\frac{157}{624}$	$\frac{467}{1248}$	$\frac{155}{312}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{312}\ \Phi_{104}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
34564	781	1552	$\frac{5}{776}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{771}{1552}$	$\Phi_{1552}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
34565	781	1044	$\frac{2}{261}$	$\frac{263}{1044}$	$\frac{1}{3}$	$\frac{259}{522}$	$\Phi_{1044}\ \Phi_{348}\ \Phi_{261}\ \Phi_{116}\ \Phi_{87}\ \Phi_{36}\ \Phi_{29}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
34566	781	1548	$\frac{7}{774}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{767}{1548}$	$\Phi_{1548}\ \Phi_{516}\ \Phi_{172}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
34567	781	140	$\frac{1}{70}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{69}{140}$	$\Phi_{140}\ \Phi_{70}^{10}\ \Phi_{35}^{10}\ \Phi_{28}\ \Phi_{20}^{2}\ \Phi_{14}^{10}\ \Phi_{10}^{10}\ \Phi_{7}^{10}\ \Phi_{5}^{10}\ \Phi_{4}^{2}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
34568	781	420	$\frac{1}{70}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{69}{140}$	$\Phi_{420}^{5}\ \Phi_{140}\ \Phi_{84}^{5}\ \Phi_{60}^{5}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
34569	781	1440	$\frac{1}{60}$	$\frac{61}{720}$	$\frac{659}{1440}$	$\frac{59}{120}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
34570	781	1080	$\frac{1}{60}$	$\frac{61}{360}$	$\frac{299}{1080}$	$\frac{59}{120}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
34571	781	960	$\frac{1}{60}$	$\frac{179}{960}$	$\frac{61}{240}$	$\frac{59}{120}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
34572	781	1536	$\frac{13}{768}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{755}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
34573	781	1536	$\frac{13}{768}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{755}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
34574	781	1456	$\frac{1}{52}$	$\frac{53}{728}$	$\frac{675}{1456}$	$\frac{51}{104}$	$\Phi_{1456}\ \Phi_{208}\ \Phi_{112}\ \Phi_{104}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
34575	781	870	$\frac{2}{87}$	$\frac{89}{870}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}\ \Phi_{145}\ \Phi_{87}\ \Phi_{30}\ \Phi_{29}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
34576	781	896	$\frac{3}{112}$	$\frac{115}{896}$	$\frac{1}{4}$	$\frac{109}{224}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{128}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
34577	781	1520	$\frac{21}{760}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{739}{1520}$	$\Phi_{1520}\ \Phi_{304}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
34578	781	276	$\frac{2}{69}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{276}^{3}\ \Phi_{138}^{2}\ \Phi_{92}^{3}\ \Phi_{69}^{3}\ \Phi_{46}^{2}\ \Phi_{23}^{3}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
34579	781	1512	$\frac{25}{756}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{731}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}\ \Phi_{27}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
34580	781	1512	$\frac{25}{756}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{731}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
34581	781	1512	$\frac{25}{756}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{731}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
34582	781	96	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{96}^{11}\ \Phi_{32}^{11}\ \Phi_{24}^{11}\ \Phi_{12}^{10}\ \Phi_{8}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
34583	781	408	$\frac{3}{68}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{408}^{4}\ \Phi_{136}^{3}\ \Phi_{24}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
34584	781	1456	$\frac{3}{56}$	$\frac{53}{728}$	$\frac{1}{4}$	$\frac{675}{1456}$	$\Phi_{1456}\ \Phi_{208}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
34585	781	810	$\frac{29}{810}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{90}\ \Phi_{81}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
34586	781	132	$\frac{5}{66}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{132}^{5}\ \Phi_{66}^{6}\ \Phi_{44}^{5}\ \Phi_{33}^{6}\ \Phi_{22}^{6}\ \Phi_{12}^{10}\ \Phi_{11}^{6}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
34587	781	1152	$\frac{13}{384}$	$\frac{1}{12}$	$\frac{371}{1152}$	$\frac{11}{24}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
34588	781	816	$\frac{35}{816}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
34589	781	960	$\frac{13}{192}$	$\frac{1}{12}$	$\frac{179}{960}$	$\frac{11}{24}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
34590	781	864	$\frac{1}{12}$	$\frac{83}{864}$	$\frac{13}{96}$	$\frac{11}{24}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
34591	781	1440	$\frac{1}{30}$	$\frac{61}{720}$	$\frac{29}{90}$	$\frac{659}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{90}\ \Phi_{45}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
34592	781	1440	$\frac{1}{20}$	$\frac{61}{720}$	$\frac{19}{80}$	$\frac{659}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
34593	781	1440	$\frac{1}{12}$	$\frac{61}{720}$	$\frac{11}{72}$	$\frac{659}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
34594	781	420	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{34}{105}$	$\frac{9}{20}$	$\Phi_{420}^{5}\ \Phi_{105}\ \Phi_{84}^{5}\ \Phi_{60}^{5}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
34595	781	300	$\frac{4}{75}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{300}^{5}\ \Phi_{100}^{5}\ \Phi_{75}\ \Phi_{60}^{5}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
34596	781	420	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{84}$	$\frac{9}{20}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{21}^3\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
34597	781	1540	$\frac{6}{77}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{220}\ \Phi_{77}\ \Phi_{44}\ \Phi_{20}\ \Phi_{11}\ \Phi_4\ \Phi_1$
34598	781	80	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{9}{20}$	$\Phi_{80}^{11}\ \Phi_{40}^{11}\ \Phi_{20}^2\ \Phi_{16}^{11}\ \Phi_{10}^{10}\ \Phi_8^{11}\ \Phi_5^{10}\ \Phi_4^2\ \Phi_2^{10}\ \Phi_1^{11}$
34599	781	1080	$\frac{1}{30}$	$\frac{29}{270}$	$\frac{299}{1080}$	$\frac{241}{540}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
34600	781	384	$\frac{1}{12}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{384}^4\ \Phi_{128}^3\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
34601	781	1404	$\frac{1}{39}$	$\frac{79}{702}$	$\frac{38}{117}$	$\frac{623}{1404}$	$\Phi_{1404}\ \Phi_{468}\ \Phi_{156}\ \Phi_{117}\ \Phi_{108}\ \Phi_{52}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
34602	781	1400	$\frac{1}{20}$	$\frac{81}{700}$	$\frac{19}{100}$	$\frac{619}{1400}$	$\Phi_{1400}\ \Phi_{280}\ \Phi_{200}\ \Phi_{100}\ \Phi_{56}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_8\ \Phi_1$
34603	781	960	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{179}{960}$	$\frac{141}{320}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
34604	781	1392	$\frac{2}{87}$	$\frac{85}{696}$	$\frac{1}{3}$	$\frac{611}{1392}$	$\Phi_{1392}\ \Phi_{464}\ \Phi_{87}\ \Phi_{48}\ \Phi_{29}\ \Phi_{16}\ \Phi_1$
34605	781	240	$\frac{1}{12}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^3\ \Phi_{60}^4\ \Phi_{40}^3\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
34606	781	252	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{252}^3\ \Phi_{126}^2\ \Phi_{84}^3\ \Phi_{63}^3\ \Phi_{42}^2\ \Phi_{36}^6\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{18}^5\ \Phi_{14}^2\ \Phi_{12}^5\ \Phi_9^5\ \Phi_7^3\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
34607	781	1092	$\frac{1}{39}$	$\frac{38}{273}$	$\frac{311}{1092}$	$\frac{235}{546}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{273}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{52}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
34608	781	864	$\frac{1}{12}$	$\frac{83}{864}$	$\frac{11}{72}$	$\frac{61}{144}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
34609	781	1344	$\frac{3}{112}$	$\frac{109}{672}$	$\frac{1}{4}$	$\frac{563}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
34610	781	120	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{120}^{11}\ \Phi_{40}^{11}\ \Phi_{24}^{11}\ \Phi_{12}^{10}\ \Phi_8^{11}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
34611	781	800	$\frac{19}{800}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
34612	781	75	$\frac{4}{75}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{75}^{11}\ \Phi_{25}^9\ \Phi_{15}^{11}\ \Phi_5^{10}\ \Phi_3^{11}\ \Phi_1^{11}$
34613	781	1280	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{141}{640}$	$\frac{499}{1280}$	$\Phi_{1280}\ \Phi_{256}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
34614	781	72	$\frac{1}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{72}^{11}\ \Phi_{36}^{11}\ \Phi_{24}^{11}\ \Phi_{18}^{10}\ \Phi_{12}^{11}\ \Phi_9^{11}\ \Phi_8^{11}\ \Phi_6^{10}\ \Phi_4^{11}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
34615	781	144	$\frac{1}{72}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{144}^8\ \Phi_{72}^3\ \Phi_{48}^8\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}^7\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
34616	781	1248	$\frac{1}{52}$	$\frac{51}{208}$	$\frac{157}{624}$	$\frac{467}{1248}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{96}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
34617	781	1200	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{181}{600}$	$\frac{419}{1200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{25}\ \Phi_{16}\ \Phi_8\ \Phi_1$
34618	781	108	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{108}^5\ \Phi_{54}^6\ \Phi_{36}^{11}\ \Phi_{27}^6\ \Phi_{18}^{11}\ \Phi_{12}^{10}\ \Phi_9^{11}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
34619	781	900	$\frac{1}{30}$	$\frac{119}{900}$	$\frac{29}{90}$	$\frac{61}{180}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{25}\ \Phi_{18}\ \Phi_9\ \Phi_1$
34620	781	936	$\frac{1}{39}$	$\frac{155}{936}$	$\frac{38}{117}$	$\frac{79}{234}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
34621	781	1176	$\frac{3}{196}$	$\frac{1}{4}$	$\frac{193}{588}$	$\frac{395}{1176}$	$\Phi_{1176}\ \Phi_{392}\ \Phi_{196}\ \Phi_{168}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
34622	781	1161	$\frac{7}{387}$	$\frac{2}{9}$	$\frac{380}{1161}$	$\frac{1}{3}$	$\Phi_{1161}\ \Phi_{27}\ \Phi_9\ \Phi_1$
34623	781	1134	$\frac{25}{378}$	$\frac{2}{27}$	$\frac{353}{1134}$	$\frac{1}{3}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_9\ \Phi_1$
34624	781	1044	$\frac{2}{87}$	$\frac{85}{348}$	$\frac{263}{1044}$	$\frac{1}{3}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{261}\ \Phi_{87}\ \Phi_{36}\ \Phi_{29}\ \Phi_{18}\ \Phi_9\ \Phi_1$
34625	781	864	$\frac{2}{27}$	$\frac{83}{864}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
34626	781	87	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{16}{87}$	$\frac{1}{3}$	$\Phi_{87}^9\ \Phi_{29}^9\ \Phi_3^8\ \Phi_1^9$
34627	781	945	$\frac{2}{27}$	$\frac{25}{189}$	$\frac{164}{945}$	$\frac{1}{3}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{135}\ \Phi_{105}\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
34628	781	1053	$\frac{1}{39}$	$\frac{79}{351}$	$\frac{272}{1053}$	$\frac{38}{117}$	$\Phi_{1053}\ \Phi_{117}\ \Phi_{81}\ \Phi_9\ \Phi_1$
34629	781	1008	$\frac{3}{112}$	$\frac{227}{1008}$	$\frac{1}{4}$	$\frac{109}{336}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
34630	781	105	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{34}{105}$	$\Phi_{105}^{6}\ \Phi_{35}^{10}\ \Phi_{21}^{6}\ \Phi_{15}^{7}\ \Phi_{7}^{10}\ \Phi_{5}^{10}\ \Phi_{3}^{7}\ \Phi_{1}^{11}$
34631	781	1080	$\frac{1}{30}$	$\frac{61}{360}$	$\frac{299}{1080}$	$\frac{29}{90}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
34632	781	1152	$\frac{13}{384}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{371}{1152}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
34633	781	864	$\frac{1}{12}$	$\frac{83}{864}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
34634	781	1008	$\frac{1}{12}$	$\frac{25}{252}$	$\frac{227}{1008}$	$\frac{11}{36}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
34635	781	80	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{80}^{11}\ \Phi_{40}^{8}\ \Phi_{20}^{8}\ \Phi_{16}^{11}\ \Phi_{10}^{10}\ \Phi_{8}^{8}\ \Phi_{5}^{10}\ \Phi_{4}^{8}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
34636	781	840	$\frac{59}{840}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
34637	781	1080	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{360}$	$\frac{299}{1080}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
34638	781	816	$\frac{35}{816}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
34639	781	75	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{75}^{11}\ \Phi_{25}^{11}\ \Phi_{15}^{7}\ \Phi_{5}^{10}\ \Phi_{3}^{7}\ \Phi_{1}^{11}$
34640	781	420	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{420}^{2}\ \Phi_{210}\ \Phi_{140}^{2}\ \Phi_{105}\ \Phi_{84}^{3}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{28}^{3}\ \Phi_{21}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
34641	781	1155	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{77}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}$
34642	781	240	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{240}^{5}\ \Phi_{120}^{5}\ \Phi_{80}\ \Phi_{60}^{5}\ \Phi_{48}^{5}\ \Phi_{40}\ \Phi_{24}^{5}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}^{5}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
34643	781	96	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{96}^{7}\ \Phi_{48}^{7}\ \Phi_{32}^{8}\ \Phi_{24}^{11}\ \Phi_{16}^{8}\ \Phi_{12}^{10}\ \Phi_{8}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
34644	781	960	$\frac{1}{20}$	$\frac{179}{960}$	$\frac{19}{80}$	$\frac{61}{240}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
34645	781	1024	$\frac{13}{256}$	$\frac{3}{16}$	$\frac{243}{1024}$	$\frac{1}{4}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
34646	781	1008	$\frac{25}{252}$	$\frac{3}{28}$	$\frac{227}{1008}$	$\frac{1}{4}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{28}\ \Phi_{24}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
34647	781	832	$\frac{51}{832}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
34648	781	960	$\frac{13}{192}$	$\frac{179}{960}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
34649	781	864	$\frac{83}{864}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
34650	781	896	$\frac{13}{128}$	$\frac{115}{896}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
34651	782	2328	$\frac{3}{388}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{385}{776}$	$\Phi_{2328}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
34652	782	710	$\frac{1}{71}$	$\frac{36}{355}$	$\frac{319}{710}$	$\frac{35}{71}$	$\Phi_{710}^{2}\ \Phi_{142}^{2}\ \Phi_{71}\ \Phi_{10}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
34653	782	770	$\frac{6}{385}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{379}{770}$	$\Phi_{770}^{2}\ \Phi_{154}^{2}\ \Phi_{110}^{2}\ \Phi_{70}^{2}\ \Phi_{22}^{2}\ \Phi_{14}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
34654	782	2310	$\frac{6}{385}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{379}{770}$	$\Phi_{2310}\ \Phi_{462}\ \Phi_{330}\ \Phi_{210}\ \Phi_{66}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{6}$
34655	782	1344	$\frac{1}{56}$	$\frac{57}{448}$	$\frac{1}{3}$	$\frac{55}{112}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
34656	782	768	$\frac{7}{384}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{377}{768}$	$\Phi_{768}^{2}\ \Phi_{256}^{2}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
34657	782	1440	$\frac{1}{45}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{22}{45}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{45}\ \Phi_{32}^{2}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
34658	782	360	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{22}{45}$	$\Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{3}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
34659	782	180	$\frac{1}{45}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{22}{45}$	$\Phi_{180}^{4}\ \Phi_{90}^{4}\ \Phi_{60}^{4}\ \Phi_{45}^{5}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{20}^{5}\ \Phi_{18}^{4}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{10}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
34660	782	132	$\frac{1}{33}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{16}{33}$	$\Phi_{132}^{11}\ \Phi_{44}^{12}\ \Phi_{33}\ \Phi_{12}^{11}\ \Phi_{11}\ \Phi_{4}^{12}\ \Phi_{3}\ \Phi_{1}^{2}$
34661	782	33	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{16}{33}$	$\Phi_{33}^{24}\ \Phi_{11}^{23}\ \Phi_{3}^{24}\ \Phi_{1}^{24}$
34662	782	756	$\frac{13}{378}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{365}{756}$	$\Phi_{756}^{2}\ \Phi_{252}^{2}\ \Phi_{108}^{2}\ \Phi_{84}^{2}\ \Phi_{42}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
34663	782	528	$\frac{5}{132}$	$\frac{1}{11}$	$\frac{137}{528}$	$\frac{127}{264}$	$\Phi_{528}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
34664	782	396	$\frac{1}{22}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{396}^4\ \Phi_{132}^3\ \Phi_{44}^4\ \Phi_{36}^4\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
34665	782	44	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{21}{44}$	$\Phi_{44}^{34}\ \Phi_{22}^2\ \Phi_{11}\ \Phi_4^{34}\ \Phi_2^2\ \Phi_1^2$
34666	782	96	$\frac{1}{24}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{96}^{15}\ \Phi_{32}^{16}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
34667	782	480	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{15}{32}$	$\Phi_{480}^3\ \Phi_{160}^3\ \Phi_{96}^3\ \Phi_{32}^4\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
34668	782	800	$\frac{1}{16}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{800}^2\ \Phi_{160}\ \Phi_{32}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
34669	782	864	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{15}{32}$	$\Phi_{864}^2\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
34670	782	2184	$\frac{1}{28}$	$\frac{27}{364}$	$\frac{1}{3}$	$\frac{337}{728}$	$\Phi_{2184}\ \Phi_{312}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
34671	782	726	$\frac{28}{363}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{335}{726}$	$\Phi_{726}^2\ \Phi_{242}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
34672	782	462	$\frac{6}{77}$	$\frac{1}{11}$	$\frac{71}{462}$	$\frac{5}{11}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
34673	782	440	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{49}{440}$	$\frac{5}{11}$	$\Phi_{440}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
34674	782	210	$\frac{1}{35}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{210}^7\ \Phi_{105}\ \Phi_{70}^7\ \Phi_{42}^6\ \Phi_{30}^7\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}^6\ \Phi_{10}^7\ \Phi_6^6\ \Phi_2^6$
34675	782	704	$\frac{1}{11}$	$\frac{39}{352}$	$\frac{5}{44}$	$\frac{313}{704}$	$\Phi_{704}^2\ \Phi_{64}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
34676	782	440	$\frac{1}{11}$	$\frac{49}{440}$	$\frac{5}{44}$	$\frac{39}{88}$	$\Phi_{440}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
34677	782	1200	$\frac{9}{400}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
34678	782	1120	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1120}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
34679	782	693	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{693}$	$\frac{302}{693}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{99}^2\ \Phi_{77}\ \Phi_{63}\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{11}\ \Phi_9^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
34680	782	1410	$\frac{1}{47}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1410}\ \Phi_{470}\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}$
34681	782	120	$\frac{1}{24}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{120}^7\ \Phi_{60}^7\ \Phi_{40}^7\ \Phi_{30}^5\ \Phi_{24}^6\ \Phi_{20}^7\ \Phi_{15}^7\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_8^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
34682	782	2058	$\frac{1}{49}$	$\frac{48}{343}$	$\frac{1}{3}$	$\frac{295}{686}$	$\Phi_{2058}\ \Phi_{294}\ \Phi_{147}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
34683	782	168	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{14}^5\ \Phi_{12}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
34684	782	280	$\frac{1}{35}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{280}^5\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}^5\ \Phi_{40}^4\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_8^4$
34685	782	672	$\frac{1}{56}$	$\frac{55}{336}$	$\frac{1}{3}$	$\frac{281}{672}$	$\Phi_{672}^2\ \Phi_{224}^2\ \Phi_{168}\ \Phi_{96}^2\ \Phi_{84}\ \Phi_{42}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
34686	782	1128	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1128}\ \Phi_{376}\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}$
34687	782	660	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{61}{330}$	$\frac{269}{660}$	$\Phi_{660}^2\ \Phi_{220}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
34688	782	120	$\frac{1}{24}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{120}^7\ \Phi_{60}^7\ \Phi_{40}^7\ \Phi_{30}^7\ \Phi_{24}^6\ \Phi_{20}^5\ \Phi_{15}^7\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_8^6\ \Phi_6^6\ \Phi_5^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
34689	782	168	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{42}^5\ \Phi_{28}^3\ \Phi_{24}^4\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{12}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_6^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
34690	782	639	$\frac{1}{71}$	$\frac{143}{639}$	$\frac{70}{213}$	$\frac{248}{639}$	$\Phi_{639}\ \Phi_{213}^2\ \Phi_{71}\ \Phi_9\ \Phi_3^2\ \Phi_1^2$
34691	782	568	$\frac{1}{71}$	$\frac{35}{142}$	$\frac{177}{568}$	$\frac{107}{284}$	$\Phi_{568}^2\ \Phi_{142}^2\ \Phi_{71}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
34692	782	1260	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
34693	782	594	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{94}{297}$	$\frac{203}{594}$	$\Phi_{594}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
34694	782	588	$\frac{1}{98}$	$\frac{97}{294}$	$\frac{1}{3}$	$\frac{197}{588}$	$\Phi_{588}^2\ \Phi_{294}\ \Phi_{196}^2\ \Phi_{147}\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
34695	782	504	$\frac{1}{56}$	$\frac{113}{504}$	$\frac{55}{168}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
34696	782	576	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{185}{576}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
34697	782	420	$\frac{29}{420}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2\ \Phi_4^2$
34698	782	198	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{198}^4\ \Phi_{99}^4\ \Phi_{66}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{18}^6\ \Phi_{11}^2\ \Phi_9^6\ \Phi_6^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
34699	782	24	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{24}^{33}\ \Phi_{12}^{33}\ \Phi_8^{32}\ \Phi_6^{33}\ \Phi_4^{32}\ \Phi_3^{32}\ \Phi_2^{32}\ \Phi_1^{32}$
34700	782	120	$\frac{1}{24}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^8\ \Phi_{60}^7\ \Phi_{40}^8\ \Phi_{30}^7\ \Phi_{24}^2\ \Phi_{20}^8\ \Phi_{15}^7\ \Phi_{12}^2\ \Phi_{10}^8\ \Phi_8^2\ \Phi_6^2\ \Phi_5^8\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
34701	782	1536	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{121}{512}$	$\frac{1}{3}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
34702	782	504	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{113}{504}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2$
34703	782	1248	$\frac{25}{416}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
34704	782	480	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{480}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
34705	782	420	$\frac{29}{420}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
34706	782	462	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{462}$	$\frac{1}{3}$	$\Phi_{462}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
34707	782	432	$\frac{41}{432}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
34708	782	1344	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{448}$	$\frac{1}{3}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
34709	782	66	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{10}{33}$	$\Phi_{66}^{22}\ \Phi_{33}^{12}\ \Phi_{22}^2\ \Phi_{11}\ \Phi_6^{22}\ \Phi_3^{12}\ \Phi_2^2\ \Phi_1^2$
34710	782	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{30}$	$\frac{7}{24}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{40}^6\ \Phi_{30}^8\ \Phi_{24}^7\ \Phi_{20}^6\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}^8\ \Phi_8^6\ \Phi_6^9\ \Phi_5^7\ \Phi_4^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
34711	782	600	$\frac{2}{25}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{150}^2\ \Phi_{120}\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
34712	782	216	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{27}$	$\frac{7}{24}$	$\Phi_{216}^4\ \Phi_{108}^4\ \Phi_{72}^2\ \Phi_{54}^4\ \Phi_{36}^2\ \Phi_{27}^6\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
34713	782	55	$\frac{4}{55}$	$\frac{9}{55}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{55}^{14}\ \Phi_{11}^{15}\ \Phi_5^{14}\ \Phi_1^{16}$
34714	782	77	$\frac{8}{77}$	$\frac{9}{77}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{77}^{10}\ \Phi_{11}^{11}\ \Phi_7^{10}\ \Phi_1^{12}$
34715	782	360	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{40}\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{10}\ \Phi_9^2$
34716	782	528	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{176}$	$\frac{137}{528}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
34717	782	60	$\frac{1}{15}$	$\frac{3}{20}$	$\frac{7}{30}$	$\frac{1}{4}$	$\Phi_{60}^{12}\ \Phi_{30}^{14}\ \Phi_{20}^{13}\ \Phi_{15}^{13}\ \Phi_{12}^{12}\ \Phi_{10}^{15}\ \Phi_6^{14}\ \Phi_5^{14}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
34718	782	100	$\frac{2}{25}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{100}^8\ \Phi_{50}^8\ \Phi_{25}^{10}\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
34719	782	540	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}\ \Phi_{135}^2\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
34720	782	110	$\frac{1}{11}$	$\frac{9}{55}$	$\frac{2}{11}$	$\frac{5}{22}$	$\Phi_{110}^{11}\ \Phi_{55}^6\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{10}^{11}\ \Phi_5^6\ \Phi_2^2\ \Phi_1^2$
34721	783	688	$\frac{1}{86}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{85}{172}$	$\Phi_{688}^2\ \Phi_{172}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
34722	783	172	$\frac{1}{86}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{85}{172}$	$\Phi_{172}^5\ \Phi_{86}^4\ \Phi_{43}^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
34723	783	1472	$\frac{1}{46}$	$\frac{47}{736}$	$\frac{689}{1472}$	$\frac{45}{92}$	$\Phi_{1472}\ \Phi_{92}\ \Phi_{64}\ \Phi_4\ \Phi_1$
34724	783	368	$\frac{1}{46}$	$\frac{47}{368}$	$\frac{107}{368}$	$\frac{45}{92}$	$\Phi_{368}^2\ \Phi_{184}^2\ \Phi_{92}^3\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
34725	783	920	$\frac{1}{46}$	$\frac{137}{920}$	$\frac{47}{184}$	$\frac{45}{92}$	$\Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
34726	783	1496	$\frac{1}{34}$	$\frac{35}{748}$	$\frac{713}{1496}$	$\frac{33}{68}$	$\Phi_{1496}\ \Phi_{136}\ \Phi_{88}\ \Phi_{68}\ \Phi_8\ \Phi_4\ \Phi_1$
34727	783	728	$\frac{1}{28}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{27}{56}$	$\Phi_{728}^2\ \Phi_{104}^2\ \Phi_{56}^3\ \Phi_{52}\ \Phi_8^3\ \Phi_4\ \Phi_1$
34728	783	728	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{27}{56}$	$\Phi_{728}^2\ \Phi_{104}^2\ \Phi_{56}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
34729	783	280	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{280}^6\ \Phi_{56}^3\ \Phi_{40}^6\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
34730	783	1092	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{25}{52}$	$\Phi_{1092}^2\ \Phi_{156}^2\ \Phi_{84}^2\ \Phi_{52}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
34731	783	416	$\frac{1}{26}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{416}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{52}\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
34732	783	1820	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{25}{52}$	$\Phi_{1820}\ \Phi_{260}\ \Phi_{140}\ \Phi_{52}\ \Phi_{35}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
34733	783	756	$\frac{1}{28}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
34734	783	160	$\frac{7}{80}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{73}{160}$	$\Phi_{160}^9\ \Phi_{40}^2\ \Phi_{32}^9\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
34735	783	476	$\frac{1}{34}$	$\frac{23}{238}$	$\frac{11}{34}$	$\frac{215}{476}$	$\Phi_{476}^3\ \Phi_{68}^3\ \Phi_{34}^2\ \Phi_{28}^3\ \Phi_{17}^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
34736	783	280	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{280}^4\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^4\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_8^3\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
34737	783	1088	$\frac{1}{34}$	$\frac{33}{272}$	$\frac{305}{1088}$	$\frac{239}{544}$	$\Phi_{1088}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
34738	783	688	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{14}{43}$	$\frac{7}{16}$	$\Phi_{688}^2\ \Phi_{43}^2\ \Phi_{16}^3\ \Phi_1^3$
34739	783	240	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{240}^6\ \Phi_{80}^6\ \Phi_{60}^2\ \Phi_{48}^6\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
34740	783	160	$\frac{3}{32}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{160}^6\ \Phi_{80}^4\ \Phi_{40}^6\ \Phi_{32}^3\ \Phi_{20}^6\ \Phi_{16}^2\ \Phi_{10}^5\ \Phi_8^3\ \Phi_5^5\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
34741	783	770	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{10}{77}$	$\frac{67}{154}$	$\Phi_{770}\ \Phi_{385}\ \Phi_{110}^2\ \Phi_{77}\ \Phi_{70}\ \Phi_{55}^2\ \Phi_{35}\ \Phi_{22}\ \Phi_{11}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
34742	783	460	$\frac{1}{46}$	$\frac{31}{230}$	$\frac{15}{46}$	$\frac{199}{460}$	$\Phi_{460}^3\ \Phi_{92}^3\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{20}^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
34743	783	460	$\frac{1}{23}$	$\frac{31}{230}$	$\frac{22}{115}$	$\frac{199}{460}$	$\Phi_{460}^3\ \Phi_{115}\ \Phi_{92}^3\ \Phi_{20}^3\ \Phi_5\ \Phi_4^3\ \Phi_1$
34744	783	322	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{61}{322}$	$\frac{139}{322}$	$\Phi_{322}^2\ \Phi_{161}^3\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{14}^2\ \Phi_7^3\ \Phi_2^2\ \Phi_1^3$
34745	783	1360	$\frac{1}{34}$	$\frac{103}{680}$	$\frac{33}{136}$	$\frac{577}{1360}$	$\Phi_{1360}\ \Phi_{272}\ \Phi_{136}\ \Phi_{80}\ \Phi_{68}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
34746	783	700	$\frac{1}{28}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{140}^2\ \Phi_{100}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
34747	783	368	$\frac{1}{46}$	$\frac{15}{92}$	$\frac{107}{368}$	$\frac{77}{184}$	$\Phi_{368}^3\ \Phi_{92}^3\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{16}^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
34748	783	252	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^2\ \Phi_{63}^4\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9^3\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
34749	783	920	$\frac{1}{23}$	$\frac{137}{920}$	$\frac{22}{115}$	$\frac{93}{230}$	$\Phi_{920}\ \Phi_{460}\ \Phi_{184}\ \Phi_{115}\ \Phi_{92}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
34750	783	336	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{336}^4\ \Phi_{112}^4\ \Phi_{84}^2\ \Phi_{48}^4\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{16}^3\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
34751	783	1288	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{139}{644}$	$\frac{505}{1288}$	$\Phi_{1288}\ \Phi_{184}\ \Phi_{161}\ \Phi_{56}\ \Phi_8\ \Phi_7\ \Phi_1$
34752	783	480	$\frac{1}{30}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
34753	783	136	$\frac{1}{34}$	$\frac{11}{68}$	$\frac{19}{68}$	$\frac{49}{136}$	$\Phi_{136}^9\ \Phi_{68}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_8^9\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
34754	783	210	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^3\ \Phi_{21}^4\ \Phi_{15}^3\ \Phi_{14}\ \Phi_{10}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^3$
34755	783	220	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{220}^6\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{44}^3\ \Phi_{22}\ \Phi_{20}^6\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_4^3\ \Phi_1$
34756	783	391	$\frac{4}{391}$	$\frac{129}{391}$	$\frac{130}{391}$	$\frac{131}{391}$	$\Phi_{391}^2\ \Phi_{23}^2\ \Phi_{17}^2\ \Phi_1^3$
34757	783	252	$\frac{1}{28}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}^4\ \Phi_{63}^3\ \Phi_{42}^4\ \Phi_{36}^2\ \Phi_{28}^3\ \Phi_{21}^4\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
34758	783	172	$\frac{1}{43}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{14}{43}$	$\Phi_{172}^4\ \Phi_{86}^4\ \Phi_{43}^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
34759	783	391	$\frac{10}{391}$	$\frac{88}{391}$	$\frac{101}{391}$	$\frac{127}{391}$	$\Phi_{391}^2\ \Phi_{23}^2\ \Phi_{17}^2\ \Phi_1^3$
34760	783	524	$\frac{7}{262}$	$\frac{59}{262}$	$\frac{1}{4}$	$\frac{85}{262}$	$\Phi_{524}^2\ \Phi_{262}\ \Phi_{131}\ \Phi_4\ \Phi_1$
34761	783	85	$\frac{4}{85}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{27}{85}$	$\Phi_{85}^9\ \Phi_{17}^{10}\ \Phi_5^9\ \Phi_1^{11}$
34762	783	253	$\frac{16}{253}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{79}{253}$	$\Phi_{253}^3\ \Phi_{23}^4\ \Phi_{11}^3\ \Phi_1^5$
34763	783	546	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{13}{42}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{78}^2\ \Phi_{42}^3\ \Phi_{39}^2\ \Phi_{21}^3\ \Phi_{13}^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
34764	783	420	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{420}^4\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^4\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
34765	783	416	$\frac{1}{13}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{416}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_1^3$
34766	783	455	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{4}{13}$	$\Phi_{455}^2\ \Phi_{65}^2\ \Phi_{35}^3\ \Phi_{13}^2\ \Phi_5^3\ \Phi_1^3$
34767	783	92	$\frac{5}{92}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{92}^9\ \Phi_{46}^8\ \Phi_{23}^8\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
34768	783	40	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{40}^{20}\ \Phi_{20}^{20}\ \Phi_{10}^{19}\ \Phi_8^{19}\ \Phi_5^{19}\ \Phi_4^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
34769	783	115	$\frac{1}{23}$	$\frac{22}{115}$	$\frac{28}{115}$	$\frac{31}{115}$	$\Phi_{115}^7\ \Phi_{23}^6\ \Phi_5^7\ \Phi_1^7$
34770	783	60	$\frac{1}{30}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{60}^{14}\ \Phi_{30}^{13}\ \Phi_{20}^{14}\ \Phi_{15}^{13}\ \Phi_{12}^{14}\ \Phi_{10}^{13}\ \Phi_6^{13}\ \Phi_5^{13}\ \Phi_4^7\ \Phi_3^{13}\ \Phi_2^6\ \Phi_1^7$
34771	783	160	$\frac{3}{32}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{160}^6\ \Phi_{80}^6\ \Phi_{40}^6\ \Phi_{32}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
34772	783	560	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{112}\ \Phi_{80}^2\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
34773	783	140	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{140}^7\ \Phi_{70}^3\ \Phi_{35}^4\ \Phi_{28}^8\ \Phi_{20}^9\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_5^5\ \Phi_4^9\ \Phi_2^4\ \Phi_1^5$
34774	783	34	$\frac{2}{17}$	$\frac{5}{34}$	$\frac{3}{17}$	$\frac{7}{34}$	$\Phi_{34}^{22}\ \Phi_{17}^{24}\ \Phi_2^{22}\ \Phi_1^{25}$
34775	784	195	$\frac{1}{195}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{97}{195}$	$\Phi_{195}^4\ \Phi_{65}^4\ \Phi_{39}^4\ \Phi_{15}^4\ \Phi_{13}^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
34776	784	783	$\frac{5}{783}$	$\frac{197}{783}$	$\frac{293}{783}$	$\frac{389}{783}$	$\Phi_{783}\ \Phi_{261}\ \Phi_{87}\ \Phi_{29}\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
34777	784	393	$\frac{1}{131}$	$\frac{33}{131}$	$\frac{1}{3}$	$\frac{65}{131}$	$\Phi_{393}^3\ \Phi_3^2$
34778	784	444	$\frac{1}{111}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{55}{111}$	$\Phi_{444}^3\ \Phi_{148}^3\ \Phi_{111}\ \Phi_{37}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
34779	784	333	$\frac{1}{111}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{55}{111}$	$\Phi_{333}^3\ \Phi_{111}\ \Phi_{37}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
34780	784	679	$\frac{1}{97}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{48}{97}$	$\Phi_{679}\ \Phi_{97}^2\ \Phi_7^2\ \Phi_1^4$
34781	784	1455	$\frac{1}{97}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{48}{97}$	$\Phi_{1455}\ \Phi_{15}^2$
34782	784	87	$\frac{1}{87}$	$\frac{11}{87}$	$\frac{38}{87}$	$\frac{43}{87}$	$\Phi_{87}^9\ \Phi_{29}^9\ \Phi_3^9\ \Phi_1^{10}$
34783	784	261	$\frac{1}{87}$	$\frac{65}{261}$	$\frac{22}{87}$	$\frac{43}{87}$	$\Phi_{261}^4\ \Phi_{87}\ \Phi_{29}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
34784	784	387	$\frac{5}{387}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{191}{387}$	$\Phi_{387}^2\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
34785	784	985	$\frac{3}{197}$	$\frac{1}{5}$	$\frac{50}{197}$	$\frac{97}{197}$	Φ_{985}
34786	784	783	$\frac{13}{783}$	$\frac{146}{783}$	$\frac{199}{783}$	$\frac{385}{783}$	$\Phi_{783}\ \Phi_{261}\ \Phi_{87}\ \Phi_{29}\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
34787	784	393	$\frac{7}{393}$	$\frac{50}{393}$	$\frac{1}{3}$	$\frac{193}{393}$	$\Phi_{393}^2\ \Phi_{131}^2\ \Phi_3\ \Phi_1^2$
34788	784	715	$\frac{1}{55}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{27}{55}$	$\Phi_{715}\ \Phi_{143}\ \Phi_{65}\ \Phi_{55}^2\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
34789	784	1320	$\frac{1}{55}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{27}{55}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{132}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
34790	784	261	$\frac{5}{261}$	$\frac{19}{261}$	$\frac{121}{261}$	$\frac{128}{261}$	$\Phi_{261}^3\ \Phi_{87}^3\ \Phi_{29}^3\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
34791	784	480	$\frac{1}{48}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{47}{96}$	$\Phi_{480}^3\ \Phi_{160}^3\ \Phi_{96}^4\ \Phi_{32}^4\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
34792	784	288	$\frac{1}{48}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{288}^6\ \Phi_{96}^4\ \Phi_{32}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
34793	784	480	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{47}{96}$	$\Phi_{480}^3\ \Phi_{160}^3\ \Phi_{96}^4\ \Phi_{32}^4\ \Phi_5^3\ \Phi_1^4$
34794	784	904	$\frac{3}{113}$	$\frac{1}{8}$	$\frac{29}{113}$	$\frac{55}{113}$	$\Phi_{904}\ \Phi_{452}\ \Phi_{226}$
34795	784	198	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{198}^6\ \Phi_{99}^3\ \Phi_{66}^4\ \Phi_{33}^2\ \Phi_{22}^4\ \Phi_{18}^6\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
34796	784	783	$\frac{25}{783}$	$\frac{83}{783}$	$\frac{202}{783}$	$\frac{379}{783}$	$\Phi_{783}\ \Phi_{261}\ \Phi_{87}\ \Phi_{29}\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
34797	784	393	$\frac{13}{393}$	$\frac{29}{393}$	$\frac{1}{3}$	$\frac{190}{393}$	$\Phi_{393}^2\ \Phi_{131}^2\ \Phi_3\ \Phi_1^2$
34798	784	377	$\frac{1}{29}$	$\frac{15}{377}$	$\frac{181}{377}$	$\frac{14}{29}$	$\Phi_{377}^2\ \Phi_{29}^3\ \Phi_{13}^2\ \Phi_1^4$
34799	784	27	$\frac{1}{27}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{13}{27}$	$\Phi_{27}^{29}\ \Phi_9^{29}\ \Phi_3^{29}\ \Phi_1^{30}$
34800	784	135	$\frac{1}{27}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{135}^6\ \Phi_{45}^6\ \Phi_{27}^4\ \Phi_{15}^8\ \Phi_9^4\ \Phi_5^8\ \Phi_3^5\ \Phi_1^6$
34801	784	81	$\frac{1}{27}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{13}{27}$	$\Phi_{81}^{14}\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
34802	784	54	$\frac{1}{27}$	$\frac{5}{54}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{54}^{16}\ \Phi_{27}^{13}\ \Phi_{18}^{16}\ \Phi_{9}^{13}\ \Phi_{6}^{16}\ \Phi_{3}^{13}\ \Phi_{2}^{16}\ \Phi_{1}^{14}$
34803	784	27	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{13}{27}$	$\Phi_{27}^{28}\ \Phi_{9}^{31}\ \Phi_{3}^{31}\ \Phi_{1}^{32}$
34804	784	1080	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{13}{27}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
34805	784	285	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{285}^{3}\ \Phi_{95}^{3}\ \Phi_{57}^{3}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}$
34806	784	783	$\frac{43}{783}$	$\frac{59}{783}$	$\frac{181}{783}$	$\frac{370}{783}$	$\Phi_{783}\ \Phi_{261}\ \Phi_{87}\ \Phi_{29}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
34807	784	904	$\frac{7}{113}$	$\frac{1}{8}$	$\frac{15}{113}$	$\frac{53}{113}$	$\Phi_{904}\ \Phi_{452}\ \Phi_{226}$
34808	784	783	$\frac{49}{783}$	$\frac{97}{783}$	$\frac{104}{783}$	$\frac{367}{783}$	$\Phi_{783}\ \Phi_{261}\ \Phi_{87}\ \Phi_{29}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
34809	784	985	$\frac{13}{197}$	$\frac{15}{197}$	$\frac{1}{5}$	$\frac{92}{197}$	Φ_{985}
34810	784	255	$\frac{2}{51}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{255}^{3}\ \Phi_{85}^{3}\ \Phi_{51}^{4}\ \Phi_{17}^{4}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
34811	784	360	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{23}{72}$	$\frac{7}{15}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{90}^{3}\ \Phi_{72}^{4}\ \Phi_{45}^{3}\ \Phi_{36}^{4}\ \Phi_{18}^{4}\ \Phi_{15}\ \Phi_{9}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
34812	784	780	$\frac{3}{52}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{26}^{2}\ \Phi_{15}\ \Phi_{13}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
34813	784	960	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{15}{64}$	$\frac{7}{15}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
34814	784	60	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{7}{15}$	$\Phi_{60}^{13}\ \Phi_{30}^{13}\ \Phi_{20}^{13}\ \Phi_{15}^{14}\ \Phi_{12}^{12}\ \Phi_{10}^{13}\ \Phi_{6}^{12}\ \Phi_{5}^{14}\ \Phi_{4}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
34815	784	270	$\frac{1}{15}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{270}^{3}\ \Phi_{135}^{3}\ \Phi_{90}^{3}\ \Phi_{54}^{4}\ \Phi_{45}^{3}\ \Phi_{27}^{4}\ \Phi_{18}^{4}\ \Phi_{15}\ \Phi_{9}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
34816	784	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{15}$	$\Phi_{120}^{6}\ \Phi_{60}^{6}\ \Phi_{40}^{6}\ \Phi_{30}^{6}\ \Phi_{24}^{6}\ \Phi_{20}^{6}\ \Phi_{15}^{7}\ \Phi_{12}^{6}\ \Phi_{10}^{6}\ \Phi_{8}^{12}\ \Phi_{6}^{6}\ \Phi_{5}^{7}\ \Phi_{4}^{12}\ \Phi_{3}^{7}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
34817	784	783	$\frac{41}{783}$	$\frac{53}{783}$	$\frac{209}{783}$	$\frac{365}{783}$	$\Phi_{783}\ \Phi_{261}\ \Phi_{87}\ \Phi_{29}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
34818	784	393	$\frac{5}{131}$	$\frac{9}{131}$	$\frac{1}{3}$	$\frac{61}{131}$	$\Phi_{393}^{3}\ \Phi_{3}^{2}$
34819	784	729	$\frac{1}{27}$	$\frac{55}{729}$	$\frac{26}{81}$	$\frac{337}{729}$	$\Phi_{729}\ \Phi_{243}\ \Phi_{81}^{2}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
34820	784	1131	$\frac{1}{29}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1131}\ \Phi_{87}^{2}$
34821	784	715	$\frac{3}{55}$	$\frac{1}{13}$	$\frac{13}{55}$	$\frac{6}{13}$	$\Phi_{715}\ \Phi_{143}\ \Phi_{65}\ \Phi_{55}^{2}\ \Phi_{13}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
34822	784	195	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{195}^{4}\ \Phi_{65}^{3}\ \Phi_{39}^{4}\ \Phi_{15}^{8}\ \Phi_{13}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
34823	784	429	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{6}{13}$	$\Phi_{429}^{2}\ \Phi_{143}\ \Phi_{39}^{2}\ \Phi_{33}^{4}\ \Phi_{13}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
34824	784	715	$\frac{1}{13}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{6}{13}$	$\Phi_{715}\ \Phi_{143}\ \Phi_{65}\ \Phi_{55}^{2}\ \Phi_{13}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
34825	784	936	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{6}{13}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{78}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
34826	784	1530	$\frac{1}{17}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{1530}\ \Phi_{510}\ \Phi_{306}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{34}$
34827	784	90	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{41}{90}$	$\Phi_{90}^{16}\ \Phi_{30}^{16}\ \Phi_{18}^{16}\ \Phi_{10}^{16}\ \Phi_{9}^{7}\ \Phi_{6}^{16}\ \Phi_{3}^{7}\ \Phi_{2}^{16}\ \Phi_{1}^{8}$
34828	784	495	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{1}{9}$	$\frac{5}{11}$	$\Phi_{495}^{2}\ \Phi_{165}^{2}\ \Phi_{99}\ \Phi_{45}^{2}\ \Phi_{33}\ \Phi_{15}^{2}$
34829	784	135	$\frac{1}{27}$	$\frac{13}{135}$	$\frac{37}{135}$	$\frac{61}{135}$	$\Phi_{135}^{6}\ \Phi_{45}^{6}\ \Phi_{27}^{5}\ \Phi_{15}^{6}\ \Phi_{9}^{5}\ \Phi_{5}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
34830	784	1020	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{51}\ \Phi_{34}$
34831	784	29	$\frac{1}{29}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{29}^{27}\ \Phi_{1}^{28}$
34832	784	783	$\frac{31}{783}$	$\frac{85}{783}$	$\frac{188}{783}$	$\frac{349}{783}$	$\Phi_{783}\ \Phi_{261}\ \Phi_{87}\ \Phi_{29}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
34833	784	783	$\frac{62}{783}$	$\frac{85}{783}$	$\frac{103}{783}$	$\frac{349}{783}$	$\Phi_{783}\ \Phi_{261}\ \Phi_{87}\ \Phi_{29}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
34834	784	54	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{54}^{16}\ \Phi_{27}^{16}\ \Phi_{18}^{16}\ \Phi_{9}^{7}\ \Phi_{6}^{16}\ \Phi_{3}^{7}\ \Phi_{2}^{16}\ \Phi_{1}^{8}$
34835	784	792	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{44}$	$\frac{39}{88}$	$\Phi_{792}^{2}\ \Phi_{264}^{2}\ \Phi_{99}\ \Phi_{72}^{2}\ \Phi_{33}\ \Phi_{24}^{2}$
34836	784	904	$\frac{9}{113}$	$\frac{13}{113}$	$\frac{1}{8}$	$\frac{50}{113}$	$\Phi_{904}\ \Phi_{452}\ \Phi_{226}$
34837	784	285	$\frac{1}{15}$	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{25}{57}$	$\Phi_{285}^{3}\ \Phi_{95}^{3}\ \Phi_{57}^{2}\ \Phi_{19}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
34838	784	783	$\frac{55}{783}$	$\frac{97}{783}$	$\frac{104}{783}$	$\frac{343}{783}$	$\Phi_{783}\ \Phi_{261}\ \Phi_{87}\ \Phi_{29}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
34839	784	87	$\frac{1}{29}$	$\frac{11}{87}$	$\frac{7}{29}$	$\frac{38}{87}$	$\Phi_{87}^{8}\ \Phi_{29}^{11}\ \Phi_{3}^{8}\ \Phi_{1}^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
34840	784	87	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{11}{87}$	$\frac{38}{87}$	$\Phi_{87}^{9}\ \Phi_{29}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
34841	784	99	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{13}{99}$	$\frac{43}{99}$	$\Phi_{99}^{8}\ \Phi_{33}^{8}\ \Phi_{11}^{8}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
34842	784	904	$\frac{8}{113}$	$\frac{1}{8}$	$\frac{15}{113}$	$\frac{49}{113}$	$\Phi_{904}\ \Phi_{452}\ \Phi_{226}$
34843	784	261	$\frac{16}{261}$	$\frac{35}{261}$	$\frac{37}{261}$	$\frac{113}{261}$	$\Phi_{261}^{3}\ \Phi_{87}^{3}\ \Phi_{29}^{3}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
34844	784	985	$\frac{8}{197}$	$\frac{27}{197}$	$\frac{1}{5}$	$\frac{85}{197}$	Φ_{985}
34845	784	783	$\frac{20}{783}$	$\frac{109}{783}$	$\frac{223}{783}$	$\frac{337}{783}$	$\Phi_{783}\ \Phi_{261}\ \Phi_{87}\ \Phi_{29}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
34846	784	393	$\frac{8}{393}$	$\frac{55}{393}$	$\frac{1}{3}$	$\frac{169}{393}$	$\Phi_{393}^{2}\ \Phi_{131}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
34847	784	1050	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{210}\ \Phi_{150}^{2}\ \Phi_{105}\ \Phi_{75}^{2}\ \Phi_{42}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}$
34848	784	679	$\frac{6}{97}$	$\frac{13}{97}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{679}\ \Phi_{97}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
34849	784	840	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}^{2}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}^{2}\ \Phi_{42}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}$
34850	784	243	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{47}{243}$	$\frac{34}{81}$	$\Phi_{243}^{4}\ \Phi_{81}^{2}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
34851	784	675	$\frac{1}{27}$	$\frac{109}{675}$	$\frac{26}{135}$	$\frac{283}{675}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{135}^{2}\ \Phi_{75}\ \Phi_{45}^{2}\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
34852	784	228	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{228}^{6}\ \Phi_{76}^{6}\ \Phi_{57}^{2}\ \Phi_{19}^{2}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
34853	784	444	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{9}{37}$	$\frac{5}{12}$	$\Phi_{444}^{3}\ \Phi_{148}^{3}\ \Phi_{37}^{3}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
34854	784	1740	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1740}\ \Phi_{580}\ \Phi_{145}$
34855	784	444	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{444}^{3}\ \Phi_{148}^{3}\ \Phi_{37}^{3}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
34856	784	408	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{408}^{2}\ \Phi_{204}\ \Phi_{136}^{3}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{3}\ \Phi_{17}^{2}$
34857	784	444	$\frac{7}{111}$	$\frac{13}{111}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{444}^{3}\ \Phi_{148}^{3}\ \Phi_{111}\ \Phi_{37}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
34858	784	180	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{180}^{9}\ \Phi_{60}^{6}\ \Phi_{45}^{3}\ \Phi_{36}^{6}\ \Phi_{20}^{6}\ \Phi_{15}^{2}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
34859	784	850	$\frac{1}{50}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{850}\ \Phi_{425}\ \Phi_{170}\ \Phi_{85}\ \Phi_{34}$
34860	784	570	$\frac{1}{57}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{570}^{2}\ \Phi_{285}\ \Phi_{190}^{2}\ \Phi_{114}^{2}\ \Phi_{95}\ \Phi_{38}^{2}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{6}^{2}$
34861	784	81	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{17}{81}$	$\frac{32}{81}$	$\Phi_{81}^{10}\ \Phi_{27}^{9}\ \Phi_{9}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
34862	784	783	$\frac{34}{783}$	$\frac{107}{783}$	$\frac{169}{783}$	$\frac{307}{783}$	$\Phi_{783}\ \Phi_{261}\ \Phi_{87}\ \Phi_{29}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
34863	784	1360	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{1360}\ \Phi_{272}\ \Phi_{170}\ \Phi_{85}\ \Phi_{34}$
34864	784	285	$\frac{1}{15}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{285}^{3}\ \Phi_{95}^{3}\ \Phi_{57}^{2}\ \Phi_{19}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
34865	784	261	$\frac{17}{261}$	$\frac{23}{261}$	$\frac{61}{261}$	$\frac{100}{261}$	$\Phi_{261}^{3}\ \Phi_{87}^{3}\ \Phi_{29}^{3}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
34866	784	904	$\frac{5}{113}$	$\frac{1}{8}$	$\frac{27}{113}$	$\frac{43}{113}$	$\Phi_{904}\ \Phi_{452}\ \Phi_{226}$
34867	784	58	$\frac{1}{29}$	$\frac{9}{58}$	$\frac{7}{29}$	$\frac{11}{29}$	$\Phi_{58}^{16}\ \Phi_{29}^{11}\ \Phi_{2}^{16}\ \Phi_{1}^{12}$
34868	784	783	$\frac{11}{783}$	$\frac{193}{783}$	$\frac{244}{783}$	$\frac{295}{783}$	$\Phi_{783}\ \Phi_{261}\ \Phi_{87}\ \Phi_{29}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
34869	784	393	$\frac{5}{393}$	$\frac{97}{393}$	$\frac{1}{3}$	$\frac{148}{393}$	$\Phi_{393}^{2}\ \Phi_{131}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
34870	784	87	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{25}{87}$	$\frac{31}{87}$	$\Phi_{87}^{7}\ \Phi_{29}^{13}\ \Phi_{3}^{7}\ \Phi_{1}^{14}$
34871	784	297	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{95}{297}$	$\frac{101}{297}$	$\Phi_{297}^{2}\ \Phi_{99}^{4}\ \Phi_{33}^{4}\ \Phi_{27}^{2}\ \Phi_{11}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
34872	784	99	$\frac{1}{99}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{99}^{8}\ \Phi_{33}^{8}\ \Phi_{11}^{8}\ \Phi_{9}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
34873	784	585	$\frac{2}{195}$	$\frac{193}{585}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{585}^{2}\ \Phi_{117}^{2}\ \Phi_{45}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
34874	784	195	$\frac{1}{65}$	$\frac{16}{65}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^{3}\ \Phi_{65}^{6}\ \Phi_{39}^{3}\ \Phi_{15}^{3}\ \Phi_{13}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
34875	784	171	$\frac{1}{57}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{171}^{6}\ \Phi_{57}^{2}\ \Phi_{19}^{2}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
34876	784	150	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{150}^{4}\ \Phi_{75}^{4}\ \Phi_{50}^{8}\ \Phi_{30}^{4}\ \Phi_{25}^{8}\ \Phi_{15}^{3}\ \Phi_{10}^{8}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
34877	784	117	$\frac{1}{39}$	$\frac{19}{117}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{117}^{8}\ \Phi_{39}^{4}\ \Phi_{13}^{4}\ \Phi_{9}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
34878	784	195	$\frac{2}{65}$	$\frac{9}{65}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^{3}\ \Phi_{65}^{6}\ \Phi_{39}^{3}\ \Phi_{15}^{3}\ \Phi_{13}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
34879	784	405	$\frac{13}{405}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{405}^2\ \Phi_{135}^2\ \Phi_{81}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
34880	784	696	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{232}^2\ \Phi_{174}\ \Phi_{116}^2\ \Phi_{58}^2$
34881	784	153	$\frac{2}{51}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{153}^6\ \Phi_{51}^4\ \Phi_{17}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
34882	784	429	$\frac{2}{39}$	$\frac{37}{429}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{429}^2\ \Phi_{143}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
34883	784	156	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{156}^4\ \Phi_{78}^4\ \Phi_{52}^8\ \Phi_{39}^3\ \Phi_{26}^8\ \Phi_{13}^6\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
34884	784	15	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{15}^{52}\ \Phi_5^{52}\ \Phi_3^{53}\ \Phi_1^{54}$
34885	784	333	$\frac{2}{111}$	$\frac{2}{9}$	$\frac{109}{333}$	$\frac{1}{3}$	$\Phi_{333}^2\ \Phi_{111}^3\ \Phi_{37}^3\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
34886	784	72	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{72}^{10}\ \Phi_{36}^{10}\ \Phi_{24}^{12}\ \Phi_{18}^{10}\ \Phi_{12}^{12}\ \Phi_9^{12}\ \Phi_8^{12}\ \Phi_6^{12}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
34887	784	405	$\frac{1}{15}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{405}^3\ \Phi_{81}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
34888	784	468	$\frac{3}{52}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}\ \Phi_{117}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
34889	784	333	$\frac{1}{37}$	$\frac{2}{9}$	$\frac{9}{37}$	$\frac{1}{3}$	$\Phi_{333}^3\ \Phi_{37}^3\ \Phi_9^4\ \Phi_1^4$
34890	784	1320	$\frac{3}{55}$	$\frac{1}{8}$	$\frac{13}{55}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{132}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
34891	784	576	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
34892	784	393	$\frac{25}{393}$	$\frac{43}{393}$	$\frac{92}{393}$	$\frac{1}{3}$	$\Phi_{393}^2\ \Phi_{131}^2\ \Phi_3\ \Phi_1^2$
34893	784	1305	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1305}\ \Phi_{145}$
34894	784	333	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{333}^3\ \Phi_{37}^3\ \Phi_9^4\ \Phi_1^4$
34895	784	1224	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
34896	784	333	$\frac{7}{111}$	$\frac{13}{111}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{333}^3\ \Phi_{111}\ \Phi_{37}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
34897	784	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{45}^{18}\ \Phi_{15}^{20}\ \Phi_9^{12}\ \Phi_5^{20}\ \Phi_3^{13}\ \Phi_1^{14}$
34898	784	393	$\frac{22}{393}$	$\frac{53}{393}$	$\frac{85}{393}$	$\frac{1}{3}$	$\Phi_{393}^2\ \Phi_{131}^2\ \Phi_3\ \Phi_1^2$
34899	784	255	$\frac{2}{51}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{255}^3\ \Phi_{85}^3\ \Phi_{51}^4\ \Phi_{17}^4\ \Phi_5^3\ \Phi_1^4$
34900	784	1455	$\frac{6}{97}$	$\frac{13}{97}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1455}\ \Phi_{15}^2$
34901	784	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{120}^7\ \Phi_{60}^7\ \Phi_{40}^8\ \Phi_{30}^7\ \Phi_{24}^8\ \Phi_{20}^8\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_8^8\ \Phi_6^8\ \Phi_4^8\ \Phi_2^8$
34902	784	180	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^4\ \Phi_{45}^6\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^2\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
34903	784	54	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{54}^{16}\ \Phi_{27}^{16}\ \Phi_{18}^{10}\ \Phi_9^{12}\ \Phi_6^{12}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
34904	784	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{33}$	$\frac{1}{3}$	$\Phi_{264}^3\ \Phi_{132}^3\ \Phi_{88}^4\ \Phi_{66}^3\ \Phi_{44}^4\ \Phi_{24}^4\ \Phi_{22}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
34905	784	1320	$\frac{6}{55}$	$\frac{1}{8}$	$\frac{7}{55}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{132}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
34906	784	393	$\frac{43}{393}$	$\frac{49}{393}$	$\frac{50}{393}$	$\frac{1}{3}$	$\Phi_{393}^2\ \Phi_{131}^2\ \Phi_3\ \Phi_1^2$
34907	784	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{72}^{12}\ \Phi_{36}^{12}\ \Phi_{24}^6\ \Phi_{18}^{12}\ \Phi_{12}^6\ \Phi_9^{14}\ \Phi_8^{12}\ \Phi_6^6\ \Phi_4^{12}\ \Phi_3^7\ \Phi_2^{12}\ \Phi_1^{14}$
34908	784	243	$\frac{1}{27}$	$\frac{47}{243}$	$\frac{55}{243}$	$\frac{26}{81}$	$\Phi_{243}^3\ \Phi_{81}^4\ \Phi_{27}^3\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
34909	784	360	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{23}{72}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{90}^3\ \Phi_{72}^4\ \Phi_{45}^3\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_1^4$
34910	784	81	$\frac{2}{27}$	$\frac{11}{81}$	$\frac{5}{27}$	$\frac{25}{81}$	$\Phi_{81}^9\ \Phi_{27}^{11}\ \Phi_9^{11}\ \Phi_3^{11}\ \Phi_1^{12}$
34911	784	135	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{135}$	$\Phi_{135}^8\ \Phi_{27}^8\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
34912	784	1020	$\frac{1}{17}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{204}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}$
34913	784	285	$\frac{1}{15}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{285}^3\ \Phi_{95}^3\ \Phi_{57}^3\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2$
34914	784	54	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{54}^{16}\ \Phi_{27}^{12}\ \Phi_{18}^{16}\ \Phi_9^{15}\ \Phi_6^{16}\ \Phi_3^{15}\ \Phi_2^{16}\ \Phi_1^{16}$
34915	784	198	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{198}^4\ \Phi_{99}^5\ \Phi_{66}^2\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{11}^4\ \Phi_9^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
34916	784	261	$\frac{1}{29}$	$\frac{7}{29}$	$\frac{65}{261}$	$\frac{22}{87}$	$\Phi_{261}^4\ \Phi_{29}^3\ \Phi_9^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
34917	784	260	$\frac{3}{52}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{260}^3\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_5^3\ \Phi_1^4$
34918	784	320	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{15}{64}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{64}^4\ \Phi_{32}^4\ \Phi_5^3\ \Phi_1^4$
34919	784	9	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{2}{9}$	$\Phi_9^{87}\ \Phi_3^{87}\ \Phi_1^{88}$
34920	784	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{10}^4$
34921	784	904	$\frac{13}{113}$	$\frac{1}{8}$	$\frac{22}{113}$	$\frac{25}{113}$	$\Phi_{904}\ \Phi_{452}\ \Phi_{226}$
34922	784	87	$\frac{10}{87}$	$\frac{11}{87}$	$\frac{17}{87}$	$\frac{19}{87}$	$\Phi_{87}^9\ \Phi_{29}^9\ \Phi_3^9\ \Phi_1^{10}$
34923	784	985	$\frac{22}{197}$	$\frac{25}{197}$	$\frac{1}{5}$	$\frac{43}{197}$	Φ_{985}
34924	784	60	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{60}^{13}\ \Phi_{30}^{13}\ \Phi_{20}^{13}\ \Phi_{15}^{13}\ \Phi_{12}^{12}\ \Phi_{10}^{13}\ \Phi_6^{12}\ \Phi_5^{16}\ \Phi_4^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{16}$
34925	784	270	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{270}^3\ \Phi_{135}^3\ \Phi_{90}^3\ \Phi_{54}^4\ \Phi_{45}^3\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_1^4$
34926	784	40	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{40}^{18}\ \Phi_{20}^{18}\ \Phi_{10}^{18}\ \Phi_8^{24}\ \Phi_5^{21}\ \Phi_4^{24}\ \Phi_2^{24}\ \Phi_1^{28}$
34927	785	312	$\frac{1}{156}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{155}{312}$	$\Phi_{312}\ \Phi_{156}^4\ \Phi_{104}\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{24}\ \Phi_{13}^4\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
34928	785	1344	$\frac{1}{112}$	$\frac{113}{672}$	$\frac{559}{1344}$	$\frac{111}{224}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
34929	785	308	$\frac{3}{154}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{151}{308}$	$\Phi_{308}^5\ \Phi_{44}^5\ \Phi_{28}^5\ \Phi_7^2\ \Phi_4^5\ \Phi_1^3$
34930	785	1536	$\frac{17}{768}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{751}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{32}\ \Phi_1$
34931	785	1536	$\frac{17}{768}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{751}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
34932	785	1056	$\frac{7}{264}$	$\frac{1}{8}$	$\frac{271}{1056}$	$\frac{257}{528}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
34933	785	1512	$\frac{29}{756}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{727}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
34934	785	1064	$\frac{13}{266}$	$\frac{1}{14}$	$\frac{279}{1064}$	$\frac{253}{532}$	$\Phi_{1064}\ \Phi_{266}\ \Phi_{152}\ \Phi_{133}\ \Phi_{56}\ \Phi_{38}\ \Phi_{19}\ \Phi_8\ \Phi_1$
34935	785	1152	$\frac{17}{384}$	$\frac{1}{16}$	$\frac{367}{1152}$	$\frac{15}{32}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
34936	785	832	$\frac{47}{832}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
34937	785	1024	$\frac{1}{16}$	$\frac{17}{256}$	$\frac{239}{1024}$	$\frac{15}{32}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{32}\ \Phi_1$
34938	785	192	$\frac{1}{16}$	$\frac{17}{192}$	$\frac{35}{192}$	$\frac{15}{32}$	$\Phi_{192}^4\ \Phi_{96}^4\ \Phi_{64}^4\ \Phi_{48}^4\ \Phi_{32}^5\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
34939	785	864	$\frac{1}{16}$	$\frac{79}{864}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
34940	785	896	$\frac{1}{16}$	$\frac{111}{896}$	$\frac{17}{128}$	$\frac{15}{32}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
34941	785	176	$\frac{7}{88}$	$\frac{19}{176}$	$\frac{1}{8}$	$\frac{81}{176}$	$\Phi_{176}^4\ \Phi_{88}^5\ \Phi_{44}^5\ \Phi_{22}^5\ \Phi_{16}^4\ \Phi_{11}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
34942	785	288	$\frac{1}{16}$	$\frac{13}{144}$	$\frac{3}{16}$	$\frac{131}{288}$	$\Phi_{288}^5\ \Phi_{96}^5\ \Phi_{32}^5\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
34943	785	288	$\frac{13}{144}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{131}{288}$	$\Phi_{288}^5\ \Phi_{96}^5\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}^5\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
34944	785	192	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{35}{192}$	$\frac{29}{64}$	$\Phi_{192}^5\ \Phi_{96}^5\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^5\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
34945	785	864	$\frac{79}{864}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{144}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
34946	785	1408	$\frac{7}{88}$	$\frac{81}{704}$	$\frac{1}{8}$	$\frac{623}{1408}$	$\Phi_{1408}\ \Phi_{128}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
34947	785	161	$\frac{4}{161}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{161}^5\ \Phi_{23}^5\ \Phi_7^2\ \Phi_1^3$
34948	785	1344	$\frac{1}{56}$	$\frac{113}{672}$	$\frac{55}{168}$	$\frac{559}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{168}\ \Phi_{84}\ \Phi_{64}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
34949	785	224	$\frac{1}{56}$	$\frac{11}{56}$	$\frac{67}{224}$	$\frac{45}{112}$	$\Phi_{224}^5\ \Phi_{56}^4\ \Phi_{32}^5\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
34950	785	256	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{29}{128}$	$\frac{99}{256}$	$\Phi_{256}^5\ \Phi_{32}^5\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
34951	785	1272	$\frac{2}{159}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1272}\ \Phi_{424}\ \Phi_{159}\ \Phi_{53}\ \Phi_8\ \Phi_1$
34952	785	936	$\frac{1}{78}$	$\frac{1}{4}$	$\frac{77}{234}$	$\frac{3}{8}$	$\Phi_{936}^2\ \Phi_{234}\ \Phi_{117}\ \Phi_{72}^2\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
34953	785	160	$\frac{3}{160}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{160}^5\ \Phi_{80}^5\ \Phi_{40}^5\ \Phi_{32}^5\ \Phi_{20}^5\ \Phi_{16}^5\ \Phi_{10}^5\ \Phi_8^2\ \Phi_5^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
34954	785	208	$\frac{1}{52}$	$\frac{51}{208}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{208}^5\ \Phi_{104}\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{16}^5\ \Phi_{13}^4\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
34955	785	1560	$\frac{1}{39}$	$\frac{38}{195}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{195}\ \Phi_{120}\ \Phi_{65}\ \Phi_{40}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
34956	785	648	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{648}^2\ \Phi_{216}^2\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}^2\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
34957	785	728	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{728}^2\ \Phi_{182}\ \Phi_{91}\ \Phi_{56}^2\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
34958	785	168	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{24}\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{12}^4\ \Phi_8^2\ \Phi_7^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
34959	785	1352	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1352}\ \Phi_{169}\ \Phi_8\ \Phi_1$
34960	785	816	$\frac{31}{816}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
34961	785	168	$\frac{11}{168}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{168}^5\ \Phi_{84}^4\ \Phi_{56}^5\ \Phi_{42}^5\ \Phi_{28}^4\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_8^5\ \Phi_7^4\ \Phi_6^5\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
34962	785	1008	$\frac{1}{56}$	$\frac{223}{1008}$	$\frac{55}{168}$	$\frac{113}{336}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
34963	785	1176	$\frac{1}{98}$	$\frac{97}{294}$	$\frac{391}{1176}$	$\frac{197}{588}$	$\Phi_{1176}\ \Phi_{392}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
34964	785	231	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{74}{231}$	$\Phi_{231}^5\ \Phi_{33}^5\ \Phi_{21}^5\ \Phi_7^2\ \Phi_3^5\ \Phi_1^3$
34965	785	1152	$\frac{17}{384}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{367}{1152}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
34966	785	1134	$\frac{1}{14}$	$\frac{29}{378}$	$\frac{349}{1134}$	$\frac{13}{42}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{162}\ \Phi_{81}\ \Phi_{42}\ \Phi_{21}\ \Phi_6\ \Phi_3\ \Phi_1$
34967	785	882	$\frac{1}{14}$	$\frac{97}{882}$	$\frac{29}{126}$	$\frac{13}{42}$	$\Phi_{882}\ \Phi_{441}\ \Phi_{294}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{42}\ \Phi_{21}\ \Phi_6\ \Phi_3\ \Phi_1$
34968	785	1008	$\frac{1}{14}$	$\frac{29}{252}$	$\frac{223}{1008}$	$\frac{13}{42}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
34969	785	192	$\frac{17}{192}$	$\frac{1}{8}$	$\frac{35}{192}$	$\frac{7}{24}$	$\Phi_{192}^4\ \Phi_{96}^4\ \Phi_{64}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{24}^5\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^5\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
34970	785	864	$\frac{79}{864}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
34971	785	168	$\frac{11}{168}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_7^2\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_1^3$
34972	785	216	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{13}{72}$	$\frac{59}{216}$	$\Phi_{216}^5\ \Phi_{108}^5\ \Phi_{72}\ \Phi_{54}^5\ \Phi_{36}\ \Phi_{27}^5\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
34973	785	192	$\frac{1}{16}$	$\frac{35}{192}$	$\frac{3}{16}$	$\frac{13}{48}$	$\Phi_{192}^5\ \Phi_{96}^5\ \Phi_{64}^5\ \Phi_{32}^5\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
34974	785	1056	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{81}{352}$	$\frac{271}{1056}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
34975	786	628	$\frac{1}{157}$	$\frac{79}{314}$	$\frac{235}{628}$	$\frac{78}{157}$	$\Phi_{628}^2\ \Phi_{157}\ \Phi_4^2\ \Phi_1^2$
34976	786	260	$\frac{1}{130}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{129}{260}$	$\Phi_{260}^6\ \Phi_{52}^6\ \Phi_{20}^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
34977	786	780	$\frac{1}{130}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{129}{260}$	$\Phi_{780}\ \Phi_{390}^2\ \Phi_{195}^2\ \Phi_{156}\ \Phi_{78}^2\ \Phi_{60}\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
34978	786	1806	$\frac{2}{129}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{127}{258}$	$\Phi_{1806}\ \Phi_{602}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
34979	786	1232	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{45}{176}$	$\frac{43}{88}$	$\Phi_{1232}\ \Phi_{308}\ \Phi_{154}\ \Phi_{112}\ \Phi_{77}\ \Phi_{28}\ \Phi_{14}$
34980	786	1792	$\frac{3}{128}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{125}{256}$	$\Phi_{1792}\ \Phi_{28}\ \Phi_{14}$
34981	786	157	$\frac{5}{157}$	$\frac{26}{157}$	$\frac{27}{157}$	$\frac{76}{157}$	$\Phi_{157}^5\ \Phi_1^6$
34982	786	252	$\frac{5}{126}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{121}{252}$	$\Phi_{252}^6\ \Phi_{84}^6\ \Phi_{42}\ \Phi_{36}^6\ \Phi_{28}^6\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^6\ \Phi_4^6$
34983	786	1694	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{111}{242}$	$\Phi_{1694}\ \Phi_{154}\ \Phi_{77}\ \Phi_{14}$
34984	786	1008	$\frac{1}{12}$	$\frac{13}{144}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
34985	786	1680	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{7}$	$\frac{109}{240}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{112}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
34986	786	1540	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{21}{110}$	$\frac{89}{220}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{154}\ \Phi_{140}\ \Phi_{77}\ \Phi_{28}\ \Phi_{14}$
34987	786	195	$\frac{1}{65}$	$\frac{1}{5}$	$\frac{64}{195}$	$\frac{2}{5}$	$\Phi_{195}^6\ \Phi_{39}^6\ \Phi_{15}^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
34988	786	400	$\frac{7}{400}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{400}^2\ \Phi_{200}^2\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
34989	786	520	$\frac{3}{130}$	$\frac{1}{5}$	$\frac{127}{520}$	$\frac{2}{5}$	$\Phi_{520}^2\ \Phi_{260}^2\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
34990	786	135	$\frac{4}{135}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{135}^6\ \Phi_{45}^6\ \Phi_{27}^6\ \Phi_{15}^6\ \Phi_9^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
34991	786	780	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
34992	786	455	$\frac{3}{65}$	$\frac{62}{455}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{455}^2\ \Phi_{91}^2\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
34993	786	140	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{140}^6\ \Phi_{70}^6\ \Phi_{35}^6\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_{14}^6\ \Phi_7^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
34994	786	715	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{715}\ \Phi_{143}^2\ \Phi_{55}\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
34995	786	952	$\frac{5}{136}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{119}\ \Phi_{28}\ \Phi_{14}$
34996	786	1386	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{32}{99}$	$\frac{67}{198}$	$\Phi_{1386}\ \Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{126}\ \Phi_{77}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
34997	786	157	$\frac{4}{157}$	$\frac{26}{157}$	$\frac{51}{157}$	$\frac{53}{157}$	$\Phi_{157}^5\ \Phi_1^6$
34998	786	780	$\frac{1}{65}$	$\frac{1}{4}$	$\frac{64}{195}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}^2\ \Phi_{156}\ \Phi_{130}^2\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{30}\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
34999	786	540	$\frac{4}{135}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
35000	786	156	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^4\ \Phi_{78}^5\ \Phi_{52}^6\ \Phi_{39}^5\ \Phi_{26}^6\ \Phi_{13}^6\ \Phi_{12}^5\ \Phi_6^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
35001	786	420	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{60}\ \Phi_{42}^3\ \Phi_{30}^2\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
35002	786	1716	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{132}\ \Phi_{66}\ \Phi_{12}\ \Phi_6$
35003	786	1344	$\frac{3}{64}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{61}{192}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
35004	786	157	$\frac{10}{157}$	$\frac{26}{157}$	$\frac{27}{157}$	$\frac{49}{157}$	$\Phi_{157}^5\ \Phi_1^6$
35005	786	1008	$\frac{13}{144}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
35006	786	1260	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{60}$	$\frac{49}{180}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
35007	786	1008	$\frac{13}{144}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
35008	786	1120	$\frac{3}{32}$	$\frac{1}{7}$	$\frac{29}{160}$	$\frac{1}{4}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
35009	786	168	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{37}{168}$	$\Phi_{168}^6\ \Phi_{84}^6\ \Phi_{56}^6\ \Phi_{42}\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^6\ \Phi_8^6\ \Phi_4^6$
35010	787	1560	$\frac{7}{780}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{773}{1560}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{120}\ \Phi_{104}\ \Phi_{40}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
35011	787	1548	$\frac{13}{774}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{761}{1548}$	$\Phi_{1548}\ \Phi_{516}\ \Phi_{172}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
35012	787	1056	$\frac{5}{264}$	$\frac{1}{6}$	$\frac{269}{1056}$	$\frac{259}{528}$	$\Phi_{1056}\ \Phi_{352}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
35013	787	1536	$\frac{19}{768}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{749}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
35014	787	1512	$\frac{31}{756}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{725}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
35015	787	864	$\frac{5}{72}$	$\frac{77}{864}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
35016	787	1452	$\frac{5}{66}$	$\frac{61}{726}$	$\frac{1}{6}$	$\frac{665}{1452}$	$\Phi_{1452}\ \Phi_{484}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
35017	787	1440	$\frac{5}{72}$	$\frac{67}{720}$	$\frac{1}{6}$	$\frac{653}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
35018	787	936	$\frac{7}{156}$	$\frac{149}{936}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
35019	787	840	$\frac{53}{840}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
35020	787	1320	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{127}{660}$	$\frac{533}{1320}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
35021	787	816	$\frac{29}{816}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
35022	787	1188	$\frac{5}{198}$	$\frac{1}{6}$	$\frac{193}{594}$	$\frac{401}{1188}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
35023	787	1152	$\frac{19}{384}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{365}{1152}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
35024	787	864	$\frac{77}{864}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
35025	787	1080	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{360}$	$\frac{293}{1080}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
35026	787	1008	$\frac{31}{252}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{221}{1008}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
35027	787	864	$\frac{77}{864}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
35028	787	960	$\frac{19}{192}$	$\frac{1}{6}$	$\frac{173}{960}$	$\frac{5}{24}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
35029	788	1176	$\frac{1}{196}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{195}{392}$	$\Phi_{1176}\ \Phi_{392}^2\ \Phi_{168}\ \Phi_{56}^2\ \Phi_{24}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
35030	788	390	$\frac{2}{195}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{193}{390}$	$\Phi_{390}^4\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{30}^4\ \Phi_{26}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{2}^4$
35031	788	237	$\frac{1}{79}$	$\frac{40}{237}$	$\frac{1}{3}$	$\frac{39}{79}$	$\Phi_{237}^3\ \Phi_{79}^4\ \Phi_{3}^2\ \Phi_{1}^4$
35032	788	1320	$\frac{1}{66}$	$\frac{1}{5}$	$\frac{67}{264}$	$\frac{65}{132}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{330}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
35033	788	1920	$\frac{5}{192}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{187}{384}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
35034	788	1890	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{181}{378}$	$\Phi_{1890}\ \Phi_{630}\ \Phi_{270}\ \Phi_{210}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
35035	788	220	$\frac{1}{22}$	$\frac{23}{220}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{220}^3\ \Phi_{110}^4\ \Phi_{55}^4\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{20}^3\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
35036	788	1870	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{177}{374}$	$\Phi_{1870}\ \Phi_{170}\ \Phi_{110}\ \Phi_{55}\ \Phi_{10}$
35037	788	1080	$\frac{1}{18}$	$\frac{19}{216}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
35038	788	360	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{1}{5}$	$\frac{163}{360}$	$\Phi_{360}^4\ \Phi_{120}^4\ \Phi_{90}\ \Phi_{72}^4\ \Phi_{45}\ \Phi_{40}^4\ \Phi_{30}\ \Phi_{24}^4\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}^4$
35039	788	1760	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{1}{5}$	$\frac{155}{352}$	$\Phi_{1760}\ \Phi_{160}\ \Phi_{110}\ \Phi_{55}\ \Phi_{10}$
35040	788	1020	$\frac{7}{204}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{85}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
35041	788	330	$\frac{1}{33}$	$\frac{32}{165}$	$\frac{1}{5}$	$\frac{133}{330}$	$\Phi_{330}^4\ \Phi_{165}\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{55}\ \Phi_{30}^4\ \Phi_{22}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{2}^4$
35042	788	600	$\frac{3}{200}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{6}^2$
35043	788	948	$\frac{1}{79}$	$\frac{39}{158}$	$\frac{1}{3}$	$\frac{119}{316}$	$\Phi_{948}^2\ \Phi_{237}\ \Phi_{12}^2$
35044	788	294	$\frac{1}{98}$	$\frac{97}{294}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{294}^3\ \Phi_{147}^3\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
35045	788	600	$\frac{3}{200}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}^2\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
35046	788	735	$\frac{1}{49}$	$\frac{48}{245}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{735}\ \Phi_{245}^2\ \Phi_{105}\ \Phi_{35}^2\ \Phi_{15}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
35047	788	609	$\frac{6}{203}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{609}\ \Phi_{203}^2\ \Phi_{87}\ \Phi_{29}^2\ \Phi_{3}\ \Phi_{1}^2$
35048	788	672	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}^2\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{96}\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
35049	788	210	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{42}^3\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{21}^3\ \Phi_{15}^4\ \Phi_{14}^2\ \Phi_{10}^4\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{5}^4\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
35050	788	585	$\frac{4}{195}$	$\frac{1}{5}$	$\frac{191}{585}$	$\frac{1}{3}$	$\Phi_{585}^2\ \Phi_{117}^2\ \Phi_{45}^2\ \Phi_{15}\ \Phi_{9}^2$
35051	788	405	$\frac{11}{405}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{405}^2\ \Phi_{135}^2\ \Phi_{81}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}\ \Phi_{9}^2$
35052	788	780	$\frac{2}{65}$	$\frac{1}{5}$	$\frac{63}{260}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{6}^2$
35053	788	1170	$\frac{2}{39}$	$\frac{37}{234}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{130}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
35054	788	1365	$\frac{4}{65}$	$\frac{61}{455}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{273}\ \Phi_{105}\ \Phi_{21}\ \Phi_{15}$
35055	788	210	$\frac{13}{210}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{21}^4\ \Phi_{15}\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_{7}^4\ \Phi_{6}^4\ \Phi_{2}^4$
35056	788	1440	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{91}{288}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
35057	788	1080	$\frac{19}{216}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
35058	788	270	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{1}{5}$	$\frac{73}{270}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}\ \Phi_{54}^4\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}^4\ \Phi_{15}\ \Phi_{10}$
35059	788	1320	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{21}{88}$	$\frac{67}{264}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
35060	788	1260	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{5}$	$\frac{55}{252}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
35061	788	1080	$\frac{19}{216}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
35062	788	240	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{240}$	$\frac{1}{5}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{40}^3\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
35063	789	1568	$\frac{5}{784}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{779}{1568}$	$\Phi_{1568}\ \Phi_{224}\ \Phi_{32}\ \Phi_8\ \Phi_1$
35064	789	1044	$\frac{2}{261}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{259}{522}$	$\Phi_{1044}\ \Phi_{348}\ \Phi_{261}\ \Phi_{116}\ \Phi_{87}\ \Phi_{36}\ \Phi_{29}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
35065	789	352	$\frac{1}{88}$	$\frac{1}{4}$	$\frac{89}{352}$	$\frac{87}{176}$	$\Phi_{352}^3\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{32}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
35066	789	520	$\frac{3}{260}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{257}{520}$	$\Phi_{520}^3\ \Phi_{104}^3\ \Phi_{40}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
35067	789	516	$\frac{5}{258}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{253}{516}$	$\Phi_{516}\ \Phi_{258}^2\ \Phi_{172}\ \Phi_{129}^2\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
35068	789	512	$\frac{7}{256}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{249}{512}$	$\Phi_{512}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
35069	789	880	$\frac{3}{88}$	$\frac{91}{880}$	$\frac{1}{4}$	$\frac{85}{176}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
35070	789	1012	$\frac{10}{253}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{243}{506}$	$\Phi_{1012}\ \Phi_{253}\ \Phi_{92}\ \Phi_{44}^2\ \Phi_{23}\ \Phi_{22}\ \Phi_{11}\ \Phi_4\ \Phi_1$
35071	789	288	$\frac{1}{24}$	$\frac{25}{288}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
35072	789	504	$\frac{11}{252}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{241}{504}$	$\Phi_{504}^3\ \Phi_{168}^3\ \Phi_{72}^3\ \Phi_{56}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
35073	789	1496	$\frac{41}{748}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{707}{1496}$	$\Phi_{1496}\ \Phi_{136}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
35074	789	484	$\frac{1}{22}$	$\frac{21}{242}$	$\frac{1}{4}$	$\frac{221}{484}$	$\Phi_{484}\ \Phi_{242}^2\ \Phi_{121}^2\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
35075	789	480	$\frac{1}{24}$	$\frac{23}{240}$	$\frac{1}{4}$	$\frac{217}{480}$	$\Phi_{480}^3\ \Phi_{160}^3\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
35076	789	1408	$\frac{3}{88}$	$\frac{85}{704}$	$\frac{1}{4}$	$\frac{619}{1408}$	$\Phi_{1408}\ \Phi_{128}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
35077	789	272	$\frac{9}{272}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{272}^3\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
35078	789	924	$\frac{1}{33}$	$\frac{32}{231}$	$\frac{1}{4}$	$\frac{199}{462}$	$\Phi_{924}\ \Phi_{308}\ \Phi_{231}\ \Phi_{132}^2\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{28}\ \Phi_{22}\ \Phi_{21}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
35079	789	440	$\frac{1}{44}$	$\frac{43}{220}$	$\frac{1}{4}$	$\frac{177}{440}$	$\Phi_{440}^3\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{40}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
35080	789	392	$\frac{5}{392}$	$\frac{1}{4}$	$\frac{129}{392}$	$\frac{3}{8}$	$\Phi_{392}^2\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{56}^2\ \Phi_{49}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
35081	789	800	$\frac{11}{800}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
35082	789	896	$\frac{5}{112}$	$\frac{107}{896}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_1$
35083	789	280	$\frac{17}{280}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{56}^2\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
35084	789	396	$\frac{1}{66}$	$\frac{1}{4}$	$\frac{65}{198}$	$\frac{133}{396}$	$\Phi_{396}\ \Phi_{198}^2\ \Phi_{132}^3\ \Phi_{99}^2\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{36}\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_9^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
35085	789	339	$\frac{2}{113}$	$\frac{76}{339}$	$\frac{37}{113}$	$\frac{1}{3}$	$\Phi_{339}^2\ \Phi_{113}^3\ \Phi_3\ \Phi_1^3$
35086	789	348	$\frac{2}{87}$	$\frac{85}{348}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{348}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}^3\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
35087	789	540	$\frac{7}{270}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}\ \Phi_{180}^2\ \Phi_{135}\ \Phi_{108}^2\ \Phi_{90}\ \Phi_{60}^2\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
35088	789	384	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{121}{384}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
35089	789	288	$\frac{1}{12}$	$\frac{25}{288}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
35090	789	360	$\frac{1}{24}$	$\frac{23}{120}$	$\frac{1}{4}$	$\frac{97}{360}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
35091	789	352	$\frac{3}{88}$	$\frac{85}{352}$	$\frac{1}{4}$	$\frac{89}{352}$	$\Phi_{352}^2\ \Phi_{176}^2\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{32}^2\ \Phi_{22}^3\ \Phi_{16}^2\ \Phi_{11}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
35092	789	312	$\frac{3}{52}$	$\frac{49}{312}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
35093	789	280	$\frac{17}{280}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{280}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{8}^3\ \Phi_{7}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
35094	789	288	$\frac{25}{288}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{9}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
35095	789	336	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{336}$	$\frac{1}{4}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
35096	789	320	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{320}$	$\frac{1}{4}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_{8}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
35097	790	786	$\frac{2}{393}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{391}{786}$	$\Phi_{786}^2\ \Phi_{262}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
35098	790	1256	$\frac{1}{157}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{78}{157}$	$\Phi_{1256}\ \Phi_{157}\ \Phi_{8}^2\ \Phi_{1}^2$
35099	790	528	$\frac{1}{132}$	$\frac{133}{528}$	$\frac{1}{3}$	$\frac{131}{264}$	$\Phi_{528}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
35100	790	2352	$\frac{3}{392}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{389}{784}$	$\Phi_{2352}\ \Phi_{336}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
35101	790	783	$\frac{7}{783}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{388}{783}$	$\Phi_{783}\ \Phi_{261}\ \Phi_{87}\ \Phi_{29}\ \Phi_{27}\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
35102	790	468	$\frac{1}{78}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{77}{156}$	$\Phi_{468}^3\ \Phi_{156}^4\ \Phi_{52}^4\ \Phi_{36}^3\ \Phi_{12}^4\ \Phi_{9}\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{1}^2$
35103	790	156	$\frac{1}{78}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{77}{156}$	$\Phi_{156}^{10}\ \Phi_{52}^{10}\ \Phi_{12}^{10}\ \Phi_{6}^2\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
35104	790	318	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{27}{106}$	$\frac{26}{53}$	$\Phi_{318}^3\ \Phi_{159}^3\ \Phi_{106}\ \Phi_{53}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
35105	790	774	$\frac{8}{387}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{379}{774}$	$\Phi_{774}^2\ \Phi_{258}^2\ \Phi_{86}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
35106	790	264	$\frac{1}{44}$	$\frac{9}{88}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{264}^4\ \Phi_{132}^5\ \Phi_{66}^5\ \Phi_{33}^5\ \Phi_{24}^4\ \Phi_{12}^5\ \Phi_{6}^5\ \Phi_{3}^4$
35107	790	462	$\frac{2}{77}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{75}{154}$	$\Phi_{462}^5\ \Phi_{66}^5\ \Phi_{42}^5\ \Phi_{33}\ \Phi_{6}^5$
35108	790	432	$\frac{1}{36}$	$\frac{37}{432}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
35109	790	768	$\frac{11}{384}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{373}{768}$	$\Phi_{768}^2\ \Phi_{256}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
35110	790	1672	$\frac{3}{76}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{1672}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
35111	790	759	$\frac{31}{759}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{364}{759}$	$\Phi_{759}\ \Phi_{253}\ \Phi_{69}\ \Phi_{33}^2\ \Phi_{23}\ \Phi_{11}^2\ \Phi_{3}\ \Phi_{1}^2$
35112	790	756	$\frac{17}{378}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{361}{756}$	$\Phi_{756}^2\ \Phi_{252}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
35113	790	1650	$\frac{4}{75}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{1650}\ \Phi_{550}\ \Phi_{330}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{22}$
35114	790	2244	$\frac{1}{22}$	$\frac{21}{374}$	$\frac{1}{3}$	$\frac{353}{748}$	$\Phi_{2244}\ \Phi_{204}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_{6}$
35115	790	1056	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
35116	790	408	$\frac{13}{408}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
35117	790	726	$\frac{1}{33}$	$\frac{32}{363}$	$\frac{1}{3}$	$\frac{331}{726}$	$\Phi_{726}^2\ \Phi_{242}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
35118	790	144	$\frac{1}{36}$	$\frac{7}{72}$	$\frac{1}{3}$	$\frac{65}{144}$	$\Phi_{144}^{10}\ \Phi_{48}^{10}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{16}^{10}\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
35119	790	1584	$\frac{1}{11}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{144}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
35120	790	81	$\frac{2}{81}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{81}^{10}\ \Phi_{27}^{10}\ \Phi_{9}^8\ \Phi_{3}^7\ \Phi_{1}^8$
35121	790	117	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{38}{117}$	$\frac{4}{9}$	$\Phi_{117}^7\ \Phi_{39}^6\ \Phi_{13}^6\ \Phi_{9}^8\ \Phi_{3}^7\ \Phi_{1}^8$
35122	790	936	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{25}{104}$	$\frac{4}{9}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{72}\ \Phi_{52}^2\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
35123	790	252	$\frac{5}{84}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}^4\ \Phi_{63}^3\ \Phi_{42}^4\ \Phi_{36}^3\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{9}\ \Phi_{7}^4\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{1}^2$
35124	790	819	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{12}{91}$	$\frac{4}{9}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{91}^2\ \Phi_{63}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}^2\ \Phi_{3}\ \Phi_{1}^2$
35125	790	2112	$\frac{1}{44}$	$\frac{43}{352}$	$\frac{1}{3}$	$\frac{309}{704}$	$\Phi_{2112}\ \Phi_{192}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_{6}$
35126	790	1540	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{140}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
35127	790	693	$\frac{2}{99}$	$\frac{97}{693}$	$\frac{1}{3}$	$\frac{298}{693}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{99}^2\ \Phi_{77}\ \Phi_{63}\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
35128	790	132	$\frac{1}{66}$	$\frac{13}{66}$	$\frac{1}{3}$	$\frac{53}{132}$	$\Phi_{132}^{10}\ \Phi_{66}^{2}\ \Phi_{44}^{10}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{12}^{10}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
35129	790	1408	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{1408}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
35130	790	240	$\frac{1}{80}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{240}^{5}\ \Phi_{120}^{5}\ \Phi_{60}^{5}\ \Phi_{48}^{5}\ \Phi_{30}^{5}\ \Phi_{24}^{4}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
35131	790	1320	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
35132	790	594	$\frac{1}{99}$	$\frac{98}{297}$	$\frac{1}{3}$	$\frac{199}{594}$	$\Phi_{594}^{2}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{66}^{2}\ \Phi_{54}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
35133	790	162	$\frac{2}{81}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{162}^{6}\ \Phi_{81}^{4}\ \Phi_{54}^{6}\ \Phi_{27}^{4}\ \Phi_{18}^{6}\ \Phi_{9}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
35134	790	588	$\frac{3}{196}$	$\frac{1}{4}$	$\frac{193}{588}$	$\frac{1}{3}$	$\Phi_{588}\ \Phi_{294}\ \Phi_{196}^{2}\ \Phi_{147}\ \Phi_{98}^{2}\ \Phi_{84}\ \Phi_{49}^{2}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
35135	790	234	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{38}{117}$	$\frac{1}{3}$	$\Phi_{234}^{6}\ \Phi_{117}^{4}\ \Phi_{18}^{6}\ \Phi_{9}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
35136	790	432	$\frac{1}{18}$	$\frac{37}{432}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{432}^{2}\ \Phi_{216}^{2}\ \Phi_{144}^{2}\ \Phi_{108}^{2}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
35137	790	576	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{181}{576}$	$\frac{1}{3}$	$\Phi_{576}^{2}\ \Phi_{288}^{2}\ \Phi_{144}^{2}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
35138	790	108	$\frac{1}{36}$	$\frac{7}{36}$	$\frac{29}{108}$	$\frac{1}{3}$	$\Phi_{108}^{10}\ \Phi_{54}^{10}\ \Phi_{36}^{2}\ \Phi_{27}^{10}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
35139	790	81	$\frac{2}{81}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{81}^{10}\ \Phi_{27}^{9}\ \Phi_{9}^{10}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
35140	790	528	$\frac{1}{44}$	$\frac{43}{176}$	$\frac{133}{528}$	$\frac{1}{3}$	$\Phi_{528}\ \Phi_{264}\ \Phi_{176}^{2}\ \Phi_{132}^{2}\ \Phi_{88}^{2}\ \Phi_{66}^{2}\ \Phi_{48}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{24}\ \Phi_{22}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
35141	790	1344	$\frac{3}{56}$	$\frac{53}{448}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
35142	790	84	$\frac{5}{84}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^{9}\ \Phi_{42}^{9}\ \Phi_{28}^{10}\ \Phi_{21}^{9}\ \Phi_{14}^{10}\ \Phi_{12}^{10}\ \Phi_{7}^{10}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{9}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
35143	790	522	$\frac{7}{261}$	$\frac{2}{9}$	$\frac{127}{522}$	$\frac{1}{3}$	$\Phi_{522}^{2}\ \Phi_{261}\ \Phi_{174}^{2}\ \Phi_{87}\ \Phi_{58}^{2}\ \Phi_{29}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
35144	790	312	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{25}{104}$	$\frac{1}{3}$	$\Phi_{312}^{3}\ \Phi_{156}^{3}\ \Phi_{104}^{4}\ \Phi_{52}^{4}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
35145	790	432	$\frac{1}{12}$	$\frac{37}{432}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{432}^{2}\ \Phi_{216}^{2}\ \Phi_{144}^{2}\ \Phi_{108}^{2}\ \Phi_{72}^{2}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
35146	790	504	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{109}{504}$	$\frac{1}{3}$	$\Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{168}^{2}\ \Phi_{84}^{2}\ \Phi_{72}^{2}\ \Phi_{56}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
35147	790	390	$\frac{2}{39}$	$\frac{1}{6}$	$\frac{37}{195}$	$\frac{1}{3}$	$\Phi_{390}^{3}\ \Phi_{195}^{2}\ \Phi_{130}^{3}\ \Phi_{65}^{2}\ \Phi_{30}^{3}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
35148	790	264	$\frac{1}{11}$	$\frac{9}{88}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{264}^{5}\ \Phi_{132}^{5}\ \Phi_{66}^{5}\ \Phi_{33}\ \Phi_{24}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{5}$
35149	790	96	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{17}{96}$	$\frac{1}{3}$	$\Phi_{96}^{8}\ \Phi_{48}^{8}\ \Phi_{32}^{8}\ \Phi_{24}^{8}\ \Phi_{16}^{8}\ \Phi_{12}^{10}\ \Phi_{8}^{8}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{9}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
35150	790	84	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{84}^{10}\ \Phi_{42}^{10}\ \Phi_{28}^{10}\ \Phi_{21}^{10}\ \Phi_{14}^{10}\ \Phi_{12}^{10}\ \Phi_{7}^{10}\ \Phi_{6}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
35151	790	468	$\frac{5}{78}$	$\frac{73}{468}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{468}^{2}\ \Phi_{234}^{2}\ \Phi_{156}^{2}\ \Phi_{117}^{2}\ \Phi_{52}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
35152	790	546	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{546}^{2}\ \Phi_{273}\ \Phi_{182}^{2}\ \Phi_{91}^{2}\ \Phi_{42}^{2}\ \Phi_{21}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
35153	790	462	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{462}$	$\frac{1}{3}$	$\Phi_{462}^{2}\ \Phi_{231}\ \Phi_{154}^{2}\ \Phi_{77}^{2}\ \Phi_{66}^{2}\ \Phi_{42}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{21}\ \Phi_{14}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
35154	790	1056	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
35155	790	990	$\frac{1}{11}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{198}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{55}\ \Phi_{22}$
35156	790	1100	$\frac{1}{11}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
35157	791	1264	$\frac{1}{158}$	$\frac{159}{632}$	$\frac{473}{1264}$	$\frac{157}{316}$	$\Phi_{1264}\ \Phi_{316}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
35158	791	672	$\frac{1}{112}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{111}{224}$	$\Phi_{672}^{2}\ \Phi_{224}^{3}\ \Phi_{96}^{2}\ \Phi_{32}^{3}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
35159	791	2016	$\frac{1}{112}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{111}{224}$	$\Phi_{2016}\ \Phi_{288}\ \Phi_{224}\ \Phi_{32}\ \Phi_{9}\ \Phi_{1}$
35160	791	1560	$\frac{11}{780}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{769}{1560}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{120}\ \Phi_{104}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
35161	791	1560	$\frac{11}{780}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{769}{1560}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{120}\ \Phi_{104}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
35162	791	1060	$\frac{4}{265}$	$\frac{1}{5}$	$\frac{269}{1060}$	$\frac{261}{530}$	$\Phi_{1060}\ \Phi_{265}\ \Phi_{212}\ \Phi_{53}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
35163	791	888	$\frac{2}{111}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{109}{222}$	$\Phi_{888}\ \Phi_{444}\ \Phi_{296}\ \Phi_{148}\ \Phi_{111}\ \Phi_{37}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
35164	791	152	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{39}{152}$	$\frac{37}{76}$	$\Phi_{152}^5\ \Phi_{76}^6\ \Phi_{38}^5\ \Phi_{19}^5\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
35165	791	1520	$\frac{31}{760}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{729}{1520}$	$\Phi_{1520}\ \Phi_{304}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
35166	791	216	$\frac{5}{108}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{103}{216}$	$\Phi_{216}^3\ \Phi_{108}^4\ \Phi_{72}^3\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{24}^5\ \Phi_{18}^4\ \Phi_{12}^6\ \Phi_9^4\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
35167	791	1500	$\frac{41}{750}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{709}{1500}$	$\Phi_{1500}\ \Phi_{500}\ \Phi_{300}\ \Phi_{100}\ \Phi_{60}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
35168	791	960	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{169}{960}$	$\frac{151}{320}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
35169	791	117	$\frac{4}{117}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{117}^7\ \Phi_{39}^6\ \Phi_{13}^7\ \Phi_9^7\ \Phi_3^5\ \Phi_1^7$
35170	791	1440	$\frac{71}{720}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{649}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
35171	791	1040	$\frac{11}{260}$	$\frac{1}{10}$	$\frac{249}{1040}$	$\frac{9}{20}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{208}\ \Phi_{104}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
35172	791	120	$\frac{7}{120}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{120}^7\ \Phi_{60}^6\ \Phi_{40}^7\ \Phi_{30}^6\ \Phi_{24}^7\ \Phi_{20}^7\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_8^7\ \Phi_6^6\ \Phi_5^6\ \Phi_4^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
35173	791	200	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{13}{100}$	$\frac{87}{200}$	$\Phi_{200}^7\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}^7\ \Phi_{25}\ \Phi_{20}\ \Phi_8^7\ \Phi_4\ \Phi_1$
35174	791	168	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{55}{168}$	$\frac{5}{12}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{56}^4\ \Phi_{42}^5\ \Phi_{28}^4\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{14}^4\ \Phi_{12}^6\ \Phi_8^4\ \Phi_7^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
35175	791	348	$\frac{3}{116}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{348}^2\ \Phi_{174}^2\ \Phi_{116}^3\ \Phi_{87}^2\ \Phi_{58}^3\ \Phi_{29}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
35176	791	420	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{27}{140}$	$\frac{5}{12}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^3\ \Phi_{105}^2\ \Phi_{70}^3\ \Phi_{60}^2\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
35177	791	1428	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{204}\ \Phi_{119}\ \Phi_{68}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
35178	791	120	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{120}^7\ \Phi_{60}^7\ \Phi_{40}^7\ \Phi_{30}^7\ \Phi_{24}^5\ \Phi_{20}^7\ \Phi_{15}^7\ \Phi_{12}^6\ \Phi_{10}^7\ \Phi_8^4\ \Phi_6^5\ \Phi_5^7\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
35179	791	384	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}^3\ \Phi_{96}^2\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
35180	791	252	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{252}^6\ \Phi_{126}\ \Phi_{84}^4\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}^6\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}^5\ \Phi_9\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
35181	791	760	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{18}{95}$	$\frac{77}{190}$	$\Phi_{760}\ \Phi_{380}\ \Phi_{152}^2\ \Phi_{95}\ \Phi_{76}^2\ \Phi_{40}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
35182	791	1280	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{151}{640}$	$\frac{489}{1280}$	$\Phi_{1280}\ \Phi_{256}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
35183	791	810	$\frac{19}{810}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{90}\ \Phi_{81}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
35184	791	1200	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{191}{600}$	$\frac{409}{1200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
35185	791	504	$\frac{1}{56}$	$\frac{2}{9}$	$\frac{55}{168}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
35186	791	1044	$\frac{3}{116}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{261}\ \Phi_{116}\ \Phi_{58}\ \Phi_{29}\ \Phi_9\ \Phi_1$
35187	791	1260	$\frac{1}{28}$	$\frac{27}{140}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{180}\ \Phi_{140}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
35188	791	1071	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1071}\ \Phi_{153}\ \Phi_{119}\ \Phi_{17}\ \Phi_9\ \Phi_1$
35189	791	360	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}\ \Phi_{90}^3\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{45}^3\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9^3\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
35190	791	1152	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_9\ \Phi_1$
35191	791	126	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{126}^6\ \Phi_{63}^6\ \Phi_{42}^7\ \Phi_{21}^7\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_9^7\ \Phi_7^6\ \Phi_6^7\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
35192	791	1170	$\frac{11}{390}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{379}{1170}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{234}\ \Phi_{117}\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
35193	791	648	$\frac{5}{54}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{49}{162}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{162}\ \Phi_{81}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
35194	791	960	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{169}{960}$	$\frac{71}{240}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
35195	791	504	$\frac{13}{126}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
35196	791	900	$\frac{1}{10}$	$\frac{109}{900}$	$\frac{9}{50}$	$\frac{41}{150}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{100}\ \Phi_{90}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
35197	791	975	$\frac{11}{195}$	$\frac{184}{975}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
35198	791	120	$\frac{7}{120}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{120}^7\ \Phi_{60}^6\ \Phi_{40}^7\ \Phi_{30}^6\ \Phi_{24}^7\ \Phi_{20}^6\ \Phi_{15}^7\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_8^7\ \Phi_6^6\ \Phi_5^6\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
35199	791	144	$\frac{1}{8}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{144}$	$\Phi_{144}^7\ \Phi_{72}^3\ \Phi_{48}^7\ \Phi_{36}^4\ \Phi_{24}^5\ \Phi_{18}^4\ \Phi_{16}^7\ \Phi_{12}^6\ \Phi_9^4\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
35200	791	1000	$\frac{1}{10}$	$\frac{41}{250}$	$\frac{9}{50}$	$\frac{209}{1000}$	$\Phi_{1000}\ \Phi_{500}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
35201	792	591	$\frac{1}{197}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{98}{197}$	$\Phi_{591}\ \Phi_{197}^2\ \Phi_3^2\ \Phi_1^4$
35202	792	791	$\frac{5}{791}$	$\frac{199}{791}$	$\frac{296}{791}$	$\frac{393}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35203	792	1191	$\frac{3}{397}$	$\frac{100}{397}$	$\frac{1}{3}$	$\frac{197}{397}$	Φ_{1191}
35204	792	655	$\frac{1}{131}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{65}{131}$	$\Phi_{655}\ \Phi_{131}^2\ \Phi_5^2\ \Phi_1^4$
35205	792	1572	$\frac{1}{131}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{65}{131}$	$\Phi_{1572}\ \Phi_{786}\ \Phi_{12}^2\ \Phi_6^2$
35206	792	113	$\frac{1}{113}$	$\frac{19}{113}$	$\frac{47}{113}$	$\frac{56}{113}$	$\Phi_{113}^7\ \Phi_1^8$
35207	792	196	$\frac{1}{98}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{97}{196}$	$\Phi_{196}^8\ \Phi_{28}^8\ \Phi_7\ \Phi_4^8\ \Phi_1^2$
35208	792	2940	$\frac{1}{98}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{97}{196}$	$\Phi_{2940}\ \Phi_{420}\ \Phi_{60}\ \Phi_{15}$
35209	792	1060	$\frac{3}{265}$	$\frac{1}{4}$	$\frac{67}{265}$	$\frac{131}{265}$	$\Phi_{1060}\ \Phi_{530}\ \Phi_{212}\ \Phi_{106}\ \Phi_{20}\ \Phi_{10}$
35210	792	791	$\frac{9}{791}$	$\frac{197}{791}$	$\frac{200}{791}$	$\frac{391}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35211	792	1392	$\frac{1}{87}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{43}{87}$	$\Phi_{1392}\ \Phi_{464}\ \Phi_{87}\ \Phi_{48}\ \Phi_{29}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
35212	792	348	$\frac{1}{87}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{43}{87}$	$\Phi_{348}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}^3\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
35213	792	1191	$\frac{5}{397}$	$\frac{67}{397}$	$\frac{1}{3}$	$\frac{196}{397}$	Φ_{1191}
35214	792	1420	$\frac{1}{71}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{35}{71}$	$\Phi_{1420}\ \Phi_{284}\ \Phi_{71}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
35215	792	1065	$\frac{1}{71}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{35}{71}$	$\Phi_{1065}\ \Phi_{213}\ \Phi_{71}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
35216	792	715	$\frac{1}{65}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{32}{65}$	$\Phi_{715}\ \Phi_{143}\ \Phi_{65}^2\ \Phi_{55}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
35217	792	1365	$\frac{1}{65}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{32}{65}$	$\Phi_{1365}\ \Phi_{273}\ \Phi_{105}\ \Phi_{21}^2$
35218	792	715	$\frac{1}{65}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{32}{65}$	$\Phi_{715}\ \Phi_{143}\ \Phi_{65}^2\ \Phi_{55}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
35219	792	260	$\frac{1}{65}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{32}{65}$	$\Phi_{260}^4\ \Phi_{130}^4\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_4^4\ \Phi_2^4$
35220	792	791	$\frac{13}{791}$	$\frac{67}{791}$	$\frac{362}{791}$	$\frac{389}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35221	792	791	$\frac{13}{791}$	$\frac{134}{791}$	$\frac{219}{791}$	$\frac{389}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35222	792	212	$\frac{1}{53}$	$\frac{9}{53}$	$\frac{1}{4}$	$\frac{26}{53}$	$\Phi_{212}^5\ \Phi_{106}^5\ \Phi_4^4\ \Phi_2^4$
35223	792	259	$\frac{5}{259}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{127}{259}$	$\Phi_{259}^3\ \Phi_{37}^3\ \Phi_7^5\ \Phi_1^6$
35224	792	791	$\frac{17}{791}$	$\frac{101}{791}$	$\frac{230}{791}$	$\frac{387}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35225	792	133	$\frac{3}{133}$	$\frac{1}{7}$	$\frac{34}{133}$	$\frac{65}{133}$	$\Phi_{133}^6\ \Phi_{19}^6\ \Phi_7^5\ \Phi_1^6$
35226	792	731	$\frac{1}{43}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{21}{43}$	$\Phi_{731}\ \Phi_{43}^2\ \Phi_{17}^2\ \Phi_1^4$
35227	792	1290	$\frac{1}{43}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{258}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
35228	792	731	$\frac{1}{43}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{21}{43}$	$\Phi_{731}\ \Phi_{43}^2\ \Phi_{17}^2\ \Phi_1^4$
35229	792	1204	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{21}{43}$	$\Phi_{1204}\ \Phi_{602}\ \Phi_{28}^2\ \Phi_{14}^2$
35230	792	791	$\frac{19}{791}$	$\frac{45}{791}$	$\frac{373}{791}$	$\frac{386}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35231	792	791	$\frac{19}{791}$	$\frac{135}{791}$	$\frac{164}{791}$	$\frac{386}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35232	792	995	$\frac{5}{199}$	$\frac{34}{199}$	$\frac{1}{5}$	$\frac{97}{199}$	Φ_{995}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
35233	792	1060	$\frac{7}{265}$	$\frac{34}{265}$	$\frac{1}{4}$	$\frac{129}{265}$	$\Phi_{1060}\ \Phi_{530}\ \Phi_{212}\ \Phi_{106}\ \Phi_{20}\ \Phi_{10}$
35234	792	113	$\frac{3}{113}$	$\frac{14}{113}$	$\frac{29}{113}$	$\frac{55}{113}$	$\Phi_{113}^{7}\ \Phi_{1}^{8}$
35235	792	1191	$\frac{11}{397}$	$\frac{34}{397}$	$\frac{1}{3}$	$\frac{193}{397}$	Φ_{1191}
35236	792	105	$\frac{1}{35}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{17}{35}$	$\Phi_{105}^{7}\ \Phi_{35}^{8}\ \Phi_{21}^{8}\ \Phi_{15}^{7}\ \Phi_{7}^{9}\ \Phi_{5}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{10}$
35237	792	420	$\frac{1}{35}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{12}^{4}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
35238	792	70	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{17}{35}$	$\Phi_{70}^{14}\ \Phi_{35}^{8}\ \Phi_{14}^{16}\ \Phi_{10}^{14}\ \Phi_{7}^{9}\ \Phi_{5}^{8}\ \Phi_{2}^{16}\ \Phi_{1}^{10}$
35239	792	791	$\frac{23}{791}$	$\frac{37}{791}$	$\frac{377}{791}$	$\frac{384}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_{7}\ \Phi_{1}^{2}$
35240	792	1472	$\frac{1}{32}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{31}{64}$	$\Phi_{1472}\ \Phi_{64}^{2}\ \Phi_{23}\ \Phi_{1}^{2}$
35241	792	2496	$\frac{1}{32}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{2496}\ \Phi_{39}$
35242	792	1472	$\frac{1}{32}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{31}{64}$	$\Phi_{1472}\ \Phi_{64}^{2}\ \Phi_{23}\ \Phi_{1}^{2}$
35243	792	576	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{576}^{3}\ \Phi_{192}^{3}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
35244	792	1472	$\frac{1}{32}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{31}{64}$	$\Phi_{1472}\ \Phi_{64}^{2}\ \Phi_{23}\ \Phi_{1}^{2}$
35245	792	2240	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{31}{64}$	$\Phi_{2240}\ \Phi_{35}$
35246	792	791	$\frac{25}{791}$	$\frac{68}{791}$	$\frac{241}{791}$	$\frac{383}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_{7}\ \Phi_{1}^{2}$
35247	792	890	$\frac{3}{89}$	$\frac{1}{10}$	$\frac{23}{89}$	$\frac{43}{89}$	$\Phi_{890}\ \Phi_{445}\ \Phi_{178}$
35248	792	133	$\frac{5}{133}$	$\frac{1}{7}$	$\frac{23}{133}$	$\frac{64}{133}$	$\Phi_{133}^{6}\ \Phi_{19}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
35249	792	791	$\frac{31}{791}$	$\frac{109}{791}$	$\frac{137}{791}$	$\frac{380}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_{7}\ \Phi_{1}^{2}$
35250	792	876	$\frac{3}{73}$	$\frac{1}{12}$	$\frac{19}{73}$	$\frac{35}{73}$	$\Phi_{876}\ \Phi_{438}\ \Phi_{292}\ \Phi_{219}\ \Phi_{146}$
35251	792	1060	$\frac{11}{265}$	$\frac{23}{265}$	$\frac{1}{4}$	$\frac{127}{265}$	$\Phi_{1060}\ \Phi_{530}\ \Phi_{212}\ \Phi_{106}\ \Phi_{20}\ \Phi_{10}$
35252	792	791	$\frac{33}{791}$	$\frac{65}{791}$	$\frac{206}{791}$	$\frac{379}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_{7}\ \Phi_{1}^{2}$
35253	792	1710	$\frac{4}{95}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{91}{190}$	$\Phi_{1710}\ \Phi_{570}\ \Phi_{342}\ \Phi_{114}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
35254	792	1191	$\frac{17}{397}$	$\frac{23}{397}$	$\frac{1}{3}$	$\frac{190}{397}$	Φ_{1191}
35255	792	368	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{11}{23}$	$\Phi_{368}^{2}\ \Phi_{184}^{2}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{23}^{3}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
35256	792	276	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{276}^{3}\ \Phi_{138}^{3}\ \Phi_{92}^{2}\ \Phi_{69}^{3}\ \Phi_{46}^{2}\ \Phi_{23}^{3}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
35257	792	920	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{23}$	$\Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{115}\ \Phi_{40}^{2}\ \Phi_{23}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
35258	792	399	$\frac{1}{21}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{399}^{2}\ \Phi_{133}^{2}\ \Phi_{57}^{3}\ \Phi_{19}^{2}$
35259	792	105	$\frac{1}{21}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{10}{21}$	$\Phi_{105}^{7}\ \Phi_{35}^{8}\ \Phi_{21}^{8}\ \Phi_{15}^{7}\ \Phi_{7}^{9}\ \Phi_{5}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{10}$
35260	792	1092	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{182}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}^{2}\ \Phi_{26}^{2}$
35261	792	105	$\frac{1}{21}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{10}{21}$	$\Phi_{105}^{7}\ \Phi_{35}^{8}\ \Phi_{21}^{8}\ \Phi_{15}^{7}\ \Phi_{7}^{9}\ \Phi_{5}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{10}$
35262	792	210	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{210}^{4}\ \Phi_{105}^{3}\ \Phi_{70}^{4}\ \Phi_{42}^{4}\ \Phi_{35}^{3}\ \Phi_{30}^{4}\ \Phi_{21}^{4}\ \Phi_{15}^{3}\ \Phi_{14}^{4}\ \Phi_{10}^{8}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
35263	792	21	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{10}{21}$	$\Phi_{21}^{36}\ \Phi_{7}^{41}\ \Phi_{3}^{36}\ \Phi_{1}^{42}$
35264	792	360	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{7}{40}$	$\frac{19}{40}$	$\Phi_{360}^{2}\ \Phi_{180}^{3}\ \Phi_{120}^{2}\ \Phi_{90}^{3}\ \Phi_{72}^{2}\ \Phi_{60}^{3}\ \Phi_{45}^{3}\ \Phi_{36}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{2}\ \Phi_{18}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
35265	792	791	$\frac{41}{791}$	$\frac{53}{791}$	$\frac{208}{791}$	$\frac{375}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_{7}\ \Phi_{1}^{2}$
35266	792	266	$\frac{1}{19}$	$\frac{5}{38}$	$\frac{1}{7}$	$\frac{9}{19}$	$\Phi_{266}^{4}\ \Phi_{133}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{2}$
35267	792	1191	$\frac{19}{397}$	$\frac{21}{397}$	$\frac{1}{3}$	$\frac{188}{397}$	Φ_{1191}
35268	792	791	$\frac{38}{791}$	$\frac{45}{791}$	$\frac{251}{791}$	$\frac{373}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_{7}\ \Phi_{1}^{2}$
35269	792	1173	$\frac{1}{23}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{1173}\ \Phi_{69}^{2}$
35270	792	731	$\frac{1}{17}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{8}{17}$	$\Phi_{731}\ \Phi_{43}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
35271	792	1020	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2$
35272	792	113	$\frac{5}{113}$	$\frac{7}{113}$	$\frac{36}{113}$	$\frac{53}{113}$	$\Phi_{113}^7\ \Phi_1^8$
35273	792	285	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{285}^3\ \Phi_{95}^3\ \Phi_{57}^3\ \Phi_{19}^2$
35274	792	876	$\frac{5}{73}$	$\frac{1}{12}$	$\frac{13}{73}$	$\frac{34}{73}$	$\Phi_{876}\ \Phi_{438}\ \Phi_{292}\ \Phi_{219}\ \Phi_{146}$
35275	792	791	$\frac{47}{791}$	$\frac{55}{791}$	$\frac{186}{791}$	$\frac{368}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35276	792	871	$\frac{5}{67}$	$\frac{1}{13}$	$\frac{12}{67}$	$\frac{31}{67}$	Φ_{871}
35277	792	791	$\frac{59}{791}$	$\frac{61}{791}$	$\frac{142}{791}$	$\frac{365}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35278	792	791	$\frac{61}{791}$	$\frac{71}{791}$	$\frac{120}{791}$	$\frac{365}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35279	792	890	$\frac{7}{89}$	$\frac{1}{10}$	$\frac{12}{89}$	$\frac{41}{89}$	$\Phi_{890}\ \Phi_{445}\ \Phi_{178}$
35280	792	1060	$\frac{13}{265}$	$\frac{21}{265}$	$\frac{1}{4}$	$\frac{122}{265}$	$\Phi_{1060}\ \Phi_{530}\ \Phi_{212}\ \Phi_{106}\ \Phi_{20}\ \Phi_{10}$
35281	792	851	$\frac{1}{23}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	Φ_{851}
35282	792	791	$\frac{65}{791}$	$\frac{76}{791}$	$\frac{107}{791}$	$\frac{363}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35283	792	133	$\frac{11}{133}$	$\frac{12}{133}$	$\frac{1}{7}$	$\frac{61}{133}$	$\Phi_{133}^6\ \Phi_{19}^6\ \Phi_7^5\ \Phi_1^6$
35284	792	791	$\frac{39}{791}$	$\frac{67}{791}$	$\frac{188}{791}$	$\frac{362}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35285	792	791	$\frac{54}{791}$	$\frac{67}{791}$	$\frac{143}{791}$	$\frac{362}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35286	792	995	$\frac{12}{199}$	$\frac{17}{199}$	$\frac{1}{5}$	$\frac{91}{199}$	Φ_{995}
35287	792	1060	$\frac{12}{265}$	$\frac{23}{265}$	$\frac{1}{4}$	$\frac{121}{265}$	$\Phi_{1060}\ \Phi_{530}\ \Phi_{212}\ \Phi_{106}\ \Phi_{20}\ \Phi_{10}$
35288	792	791	$\frac{32}{791}$	$\frac{69}{791}$	$\frac{215}{791}$	$\frac{361}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35289	792	1191	$\frac{12}{397}$	$\frac{35}{397}$	$\frac{1}{3}$	$\frac{181}{397}$	Φ_{1191}
35290	792	1122	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{102}^2\ \Phi_{66}\ \Phi_{51}^2\ \Phi_6^2$
35291	792	715	$\frac{2}{65}$	$\frac{1}{11}$	$\frac{21}{65}$	$\frac{5}{11}$	$\Phi_{715}\ \Phi_{143}\ \Phi_{65}^2\ \Phi_{55}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
35292	792	1012	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{1012}\ \Phi_{506}\ \Phi_{92}^2\ \Phi_{46}^2$
35293	792	385	$\frac{2}{35}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{385}^2\ \Phi_{77}^2\ \Phi_{55}\ \Phi_{35}^4\ \Phi_{11}^2\ \Phi_7^4\ \Phi_5^2\ \Phi_1^4$
35294	792	143	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{2}{13}$	$\frac{5}{11}$	$\Phi_{143}^5\ \Phi_{13}^{10}\ \Phi_{11}^6\ \Phi_1^{12}$
35295	792	924	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2$
35296	792	876	$\frac{1}{12}$	$\frac{7}{73}$	$\frac{10}{73}$	$\frac{33}{73}$	$\Phi_{876}\ \Phi_{438}\ \Phi_{292}\ \Phi_{219}\ \Phi_{146}$
35297	792	2220	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{2220}\ \Phi_{444}\ \Phi_{111}$
35298	792	1420	$\frac{2}{71}$	$\frac{1}{10}$	$\frac{23}{71}$	$\frac{9}{20}$	$\Phi_{1420}\ \Phi_{284}\ \Phi_{71}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
35299	792	100	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{100}^6\ \Phi_{50}^{11}\ \Phi_{25}^{10}\ \Phi_{20}^5\ \Phi_{10}^9\ \Phi_5^8\ \Phi_4^4\ \Phi_2^8\ \Phi_1^8$
35300	792	1420	$\frac{3}{71}$	$\frac{1}{10}$	$\frac{17}{71}$	$\frac{9}{20}$	$\Phi_{1420}\ \Phi_{284}\ \Phi_{71}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
35301	792	380	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{380}^4\ \Phi_{95}\ \Phi_{76}^4$
35302	792	1420	$\frac{5}{71}$	$\frac{1}{10}$	$\frac{11}{71}$	$\frac{9}{20}$	$\Phi_{1420}\ \Phi_{284}\ \Phi_{71}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
35303	792	1820	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{1820}\ \Phi_{364}\ \Phi_{91}$
35304	792	1420	$\frac{7}{71}$	$\frac{1}{10}$	$\frac{8}{71}$	$\frac{9}{20}$	$\Phi_{1420}\ \Phi_{284}\ \Phi_{71}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
35305	792	180	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{180}^9\ \Phi_{90}\ \Phi_{60}^9\ \Phi_{45}\ \Phi_{36}^9\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^9\ \Phi_6$
35306	792	791	$\frac{62}{791}$	$\frac{81}{791}$	$\frac{109}{791}$	$\frac{355}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35307	792	995	$\frac{10}{199}$	$\frac{21}{199}$	$\frac{1}{5}$	$\frac{89}{199}$	Φ_{995}
35308	792	791	$\frac{26}{791}$	$\frac{85}{791}$	$\frac{219}{791}$	$\frac{353}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35309	792	1191	$\frac{10}{397}$	$\frac{43}{397}$	$\frac{1}{3}$	$\frac{177}{397}$	Φ_{1191}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
35310	792	513	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{513}^2\ \Phi_{171}\ \Phi_{57}$
35311	792	791	$\frac{20}{791}$	$\frac{89}{791}$	$\frac{257}{791}$	$\frac{351}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35312	792	850	$\frac{1}{34}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{850}\ \Phi_{425}\ \Phi_{170}\ \Phi_{85}\ \Phi_{50}\ \Phi_{10}$
35313	792	720	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{80}^2\ \Phi_{48}\ \Phi_{45}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
35314	792	464	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{7}{29}$	$\frac{7}{16}$	$\Phi_{464}^3\ \Phi_{29}^3\ \Phi_{16}^4\ \Phi_1^4$
35315	792	1840	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{1840}\ \Phi_{115}$
35316	792	1392	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1392}\ \Phi_{464}\ \Phi_{87}\ \Phi_{48}\ \Phi_{29}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
35317	792	144	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{144}^{11}\ \Phi_{48}^7\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{16}^8\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
35318	792	113	$\frac{8}{113}$	$\frac{14}{113}$	$\frac{15}{113}$	$\frac{49}{113}$	$\Phi_{113}^7\ \Phi_1^8$
35319	792	851	$\frac{1}{23}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	Φ_{851}
35320	792	791	$\frac{41}{791}$	$\frac{111}{791}$	$\frac{125}{791}$	$\frac{340}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35321	792	49	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{16}{49}$	$\frac{3}{7}$	$\Phi_{49}^{16}\ \Phi_7^{17}\ \Phi_1^{18}$
35322	792	203	$\frac{5}{203}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{203}^4\ \Phi_{29}^4\ \Phi_7\ \Phi_1^2$
35323	792	476	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{476}^2\ \Phi_{238}\ \Phi_{119}\ \Phi_{68}^4\ \Phi_{34}^2\ \Phi_{28}\ \Phi_{17}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
35324	792	245	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{47}{245}$	$\frac{3}{7}$	$\Phi_{245}^4\ \Phi_{35}^4\ \Phi_7\ \Phi_5^4\ \Phi_1^2$
35325	792	35	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{35}^{24}\ \Phi_7^{17}\ \Phi_5^{24}\ \Phi_1^{18}$
35326	792	112	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{112}^8\ \Phi_{56}^8\ \Phi_{28}^8\ \Phi_{16}^8\ \Phi_8^8\ \Phi_7\ \Phi_4^8\ \Phi_1^2$
35327	792	49	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{49}^{16}\ \Phi_7^{17}\ \Phi_1^{18}$
35328	792	420	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}^4\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}^4\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
35329	792	876	$\frac{1}{12}$	$\frac{7}{73}$	$\frac{11}{73}$	$\frac{31}{73}$	$\Phi_{876}\ \Phi_{438}\ \Phi_{292}\ \Phi_{219}\ \Phi_{146}$
35330	792	791	$\frac{65}{791}$	$\frac{76}{791}$	$\frac{121}{791}$	$\frac{335}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35331	792	133	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{8}{19}$	$\Phi_{133}^7\ \Phi_7^6$
35332	792	791	$\frac{29}{791}$	$\frac{127}{791}$	$\frac{153}{791}$	$\frac{332}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35333	792	1060	$\frac{7}{265}$	$\frac{43}{265}$	$\frac{1}{4}$	$\frac{111}{265}$	$\Phi_{1060}\ \Phi_{530}\ \Phi_{212}\ \Phi_{106}\ \Phi_{20}\ \Phi_{10}$
35334	792	791	$\frac{17}{791}$	$\frac{129}{791}$	$\frac{230}{791}$	$\frac{331}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35335	792	1191	$\frac{7}{397}$	$\frac{65}{397}$	$\frac{1}{3}$	$\frac{166}{397}$	Φ_{1191}
35336	792	113	$\frac{2}{113}$	$\frac{19}{113}$	$\frac{37}{113}$	$\frac{47}{113}$	$\Phi_{113}^7\ \Phi_1^8$
35337	792	113	$\frac{5}{113}$	$\frac{18}{113}$	$\frac{19}{113}$	$\frac{47}{113}$	$\Phi_{113}^7\ \Phi_1^8$
35338	792	665	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{127}{665}$	$\frac{269}{665}$	$\Phi_{665}\ \Phi_{133}^2\ \Phi_{95}\ \Phi_{35}\ \Phi_{19}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
35339	792	1005	$\frac{1}{67}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1005}\ \Phi_{201}^2$
35340	792	655	$\frac{2}{131}$	$\frac{1}{5}$	$\frac{43}{131}$	$\frac{2}{5}$	$\Phi_{655}\ \Phi_{131}^2\ \Phi_5^2\ \Phi_1^4$
35341	792	180	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^6\ \Phi_{36}^6\ \Phi_{30}^6\ \Phi_{20}^5\ \Phi_{18}^6\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_6^6\ \Phi_4^4\ \Phi_2^4$
35342	792	655	$\frac{3}{131}$	$\frac{1}{5}$	$\frac{32}{131}$	$\frac{2}{5}$	$\Phi_{655}\ \Phi_{131}^2\ \Phi_5^2\ \Phi_1^4$
35343	792	170	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{170}^5\ \Phi_{85}^5\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_{10}^5\ \Phi_2^4$
35344	792	655	$\frac{5}{131}$	$\frac{21}{131}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{655}\ \Phi_{131}^2\ \Phi_5^2\ \Phi_1^4$
35345	792	805	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{805}\ \Phi_{161}^2$
35346	792	475	$\frac{1}{19}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{475}^2\ \Phi_{95}$
35347	792	655	$\frac{10}{131}$	$\frac{11}{131}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{655}\ \Phi_{131}^2\ \Phi_5^2\ \Phi_1^4$
35348	792	780	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{130}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
35349	792	1314	$\frac{1}{73}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1314}\ \Phi_{438}\ \Phi_{219}\ \Phi_{146}$
35350	792	342	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{342}^4\ \Phi_{171}\ \Phi_{114}^4\ \Phi_{57}\ \Phi_{38}^4$
35351	792	791	$\frac{11}{791}$	$\frac{177}{791}$	$\frac{260}{791}$	$\frac{307}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35352	792	791	$\frac{44}{791}$	$\frac{83}{791}$	$\frac{177}{791}$	$\frac{307}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35353	792	791	$\frac{54}{791}$	$\frac{67}{791}$	$\frac{181}{791}$	$\frac{305}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35354	792	871	$\frac{1}{67}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{871}
35355	792	876	$\frac{5}{73}$	$\frac{1}{12}$	$\frac{17}{73}$	$\frac{28}{73}$	$\Phi_{876}\ \Phi_{438}\ \Phi_{292}\ \Phi_{219}\ \Phi_{146}$
35356	792	890	$\frac{5}{89}$	$\frac{1}{10}$	$\frac{21}{89}$	$\frac{34}{89}$	$\Phi_{890}\ \Phi_{445}\ \Phi_{178}$
35357	792	1440	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{19}{80}$	$\frac{61}{160}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{180}\ \Phi_{96}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
35358	792	113	$\frac{5}{113}$	$\frac{14}{113}$	$\frac{27}{113}$	$\frac{43}{113}$	$\Phi_{113}^7\ \Phi_1^8$
35359	792	791	$\frac{19}{791}$	$\frac{164}{791}$	$\frac{193}{791}$	$\frac{299}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35360	792	212	$\frac{1}{53}$	$\frac{13}{53}$	$\frac{1}{4}$	$\frac{20}{53}$	$\Phi_{212}^5\ \Phi_{106}^5\ \Phi_4^4\ \Phi_2^4$
35361	792	1168	$\frac{1}{73}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1168}\ \Phi_{292}\ \Phi_{146}$
35362	792	936	$\frac{5}{104}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
35363	792	791	$\frac{15}{791}$	$\frac{194}{791}$	$\frac{199}{791}$	$\frac{296}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35364	792	855	$\frac{1}{45}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{171}\ \Phi_{95}\ \Phi_{57}$
35365	792	791	$\frac{23}{791}$	$\frac{128}{791}$	$\frac{221}{791}$	$\frac{285}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35366	792	850	$\frac{1}{34}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{850}\ \Phi_{425}\ \Phi_{170}\ \Phi_{85}\ \Phi_{50}\ \Phi_{10}$
35367	792	182	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{182}^7\ \Phi_{91}^2\ \Phi_{26}^7\ \Phi_{14}^4\ \Phi_{13}^2\ \Phi_7\ \Phi_2^4\ \Phi_1^2$
35368	792	851	$\frac{1}{23}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	Φ_{851}
35369	792	791	$\frac{43}{791}$	$\frac{68}{791}$	$\frac{241}{791}$	$\frac{275}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35370	792	791	$\frac{47}{791}$	$\frac{62}{791}$	$\frac{243}{791}$	$\frac{274}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35371	792	871	$\frac{4}{67}$	$\frac{1}{13}$	$\frac{21}{67}$	$\frac{23}{67}$	Φ_{871}
35372	792	876	$\frac{4}{73}$	$\frac{1}{12}$	$\frac{23}{73}$	$\frac{25}{73}$	$\Phi_{876}\ \Phi_{438}\ \Phi_{292}\ \Phi_{219}\ \Phi_{146}$
35373	792	791	$\frac{32}{791}$	$\frac{87}{791}$	$\frac{253}{791}$	$\frac{269}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35374	792	450	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{8}{25}$	$\frac{17}{50}$	$\Phi_{450}^3\ \Phi_{225}\ \Phi_{150}^3\ \Phi_{90}^3\ \Phi_{75}\ \Phi_{45}\ \Phi_{30}^3\ \Phi_{18}^3\ \Phi_{15}\ \Phi_6^3$
35375	792	133	$\frac{4}{133}$	$\frac{1}{7}$	$\frac{43}{133}$	$\frac{45}{133}$	$\Phi_{133}^6\ \Phi_{19}^6\ \Phi_7^5\ \Phi_1^6$
35376	792	791	$\frac{20}{791}$	$\frac{131}{791}$	$\frac{257}{791}$	$\frac{267}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35377	792	995	$\frac{4}{199}$	$\frac{1}{5}$	$\frac{65}{199}$	$\frac{67}{199}$	Φ_{995}
35378	792	113	$\frac{2}{113}$	$\frac{25}{113}$	$\frac{37}{113}$	$\frac{38}{113}$	$\Phi_{113}^7\ \Phi_1^8$
35379	792	1060	$\frac{4}{265}$	$\frac{1}{4}$	$\frac{87}{265}$	$\frac{89}{265}$	$\Phi_{1060}\ \Phi_{530}\ \Phi_{212}\ \Phi_{106}\ \Phi_{20}\ \Phi_{10}$
35380	792	791	$\frac{8}{791}$	$\frac{261}{791}$	$\frac{263}{791}$	$\frac{265}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_7\ \Phi_1^2$
35381	792	1191	$\frac{4}{397}$	$\frac{131}{397}$	$\frac{1}{3}$	$\frac{133}{397}$	Φ_{1191}
35382	792	300	$\frac{1}{100}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{100}^2\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^2\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
35383	792	591	$\frac{2}{197}$	$\frac{65}{197}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{591}\ \Phi_{197}^2\ \Phi_3^2\ \Phi_1^4$
35384	792	804	$\frac{1}{67}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{804}\ \Phi_{402}\ \Phi_{268}^2\ \Phi_{134}^2$
35385	792	591	$\frac{5}{197}$	$\frac{32}{197}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{591}\ \Phi_{197}^2\ \Phi_3^2\ \Phi_1^4$
35386	792	714	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{714}\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{42}\ \Phi_{14}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
35387	792	591	$\frac{8}{197}$	$\frac{21}{197}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{591}\ \Phi_{197}^2\ \Phi_3^2\ \Phi_1^4$
35388	792	690	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{690}\ \Phi_{345}\ \Phi_{230}^2\ \Phi_{138}\ \Phi_{115}^2\ \Phi_{46}^2$
35389	792	591	$\frac{10}{197}$	$\frac{17}{197}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{591}\ \Phi_{197}^2\ \Phi_3^2\ \Phi_1^4$
35390	792	228	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{228}^4\ \Phi_{114}^4\ \Phi_{76}^4\ \Phi_{57}^3\ \Phi_{38}^4\ \Phi_{19}^2$
35391	792	1572	$\frac{2}{131}$	$\frac{1}{4}$	$\frac{43}{131}$	$\frac{1}{3}$	$\Phi_{1572}\ \Phi_{786}\ \Phi_{12}^2\ \Phi_6^2$
35392	792	1191	$\frac{7}{397}$	$\frac{89}{397}$	$\frac{130}{397}$	$\frac{1}{3}$	Φ_{1191}
35393	792	735	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{16}{49}$	$\frac{1}{3}$	$\Phi_{735}^2\ \Phi_{105}^2\ \Phi_{15}^3$
35394	792	1191	$\frac{10}{397}$	$\frac{67}{397}$	$\frac{129}{397}$	$\frac{1}{3}$	Φ_{1191}
35395	792	1365	$\frac{2}{65}$	$\frac{1}{7}$	$\frac{21}{65}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{273}\ \Phi_{105}\ \Phi_{21}^2$
35396	792	1191	$\frac{16}{397}$	$\frac{45}{397}$	$\frac{127}{397}$	$\frac{1}{3}$	Φ_{1191}
35397	792	420	$\frac{2}{35}$	$\frac{1}{12}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}$ $\Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
35398	792	624	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{39}^3$
35399	792	1191	$\frac{25}{397}$	$\frac{31}{397}$	$\frac{122}{397}$	$\frac{1}{3}$	Φ_{1191}
35400	792	1191	$\frac{23}{397}$	$\frac{34}{397}$	$\frac{121}{397}$	$\frac{1}{3}$	Φ_{1191}
35401	792	1197	$\frac{1}{19}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{1197}\ \Phi_{171}\ \Phi_{57}$
35402	792	1173	$\frac{1}{23}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{1173}\ \Phi_{69}^2$
35403	792	1191	$\frac{13}{397}$	$\frac{64}{397}$	$\frac{111}{397}$	$\frac{1}{3}$	Φ_{1191}
35404	792	1122	$\frac{1}{34}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{102}^2\ \Phi_{66}\ \Phi_{51}^2\ \Phi_6^2$
35405	792	555	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{555}\ \Phi_{185}^2\ \Phi_{111}^2\ \Phi_{37}^2$
35406	792	1191	$\frac{9}{397}$	$\frac{97}{397}$	$\frac{100}{397}$	$\frac{1}{3}$	Φ_{1191}
35407	792	180	$\frac{1}{45}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^6\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^6\ \Phi_{12}^2\ \Phi_{10}^4\ \Phi_9^6\ \Phi_6^2$ $\Phi_5^6\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
35408	792	1572	$\frac{3}{131}$	$\frac{32}{131}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1572}\ \Phi_{786}\ \Phi_{12}^2\ \Phi_6^2$
35409	792	1020	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}\ \Phi_{255}\ \Phi_{60}\ \Phi_{15}$
35410	792	1572	$\frac{5}{131}$	$\frac{21}{131}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1572}\ \Phi_{786}\ \Phi_{12}^2\ \Phi_6^2$
35411	792	1932	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1932}\ \Phi_{966}$
35412	792	1572	$\frac{10}{131}$	$\frac{11}{131}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1572}\ \Phi_{786}\ \Phi_{12}^2\ \Phi_6^2$
35413	792	156	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^5\ \Phi_{78}^5\ \Phi_{52}^6\ \Phi_{39}^6\ \Phi_{26}^6\ \Phi_{13}^6$
35414	792	1290	$\frac{3}{43}$	$\frac{1}{10}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{258}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
35415	792	1191	$\frac{33}{397}$	$\frac{34}{397}$	$\frac{91}{397}$	$\frac{1}{3}$	Φ_{1191}
35416	792	420	$\frac{1}{12}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}$ $\Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
35417	792	1191	$\frac{28}{397}$	$\frac{41}{397}$	$\frac{89}{397}$	$\frac{1}{3}$	Φ_{1191}
35418	792	798	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{798}^2\ \Phi_{399}\ \Phi_{114}^2\ \Phi_{57}^2$
35419	792	105	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^{11}\ \Phi_{21}^{12}\ \Phi_{15}^{12}\ \Phi_3^{12}$
35420	792	1680	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{15}$
35421	792	735	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{735}^2\ \Phi_{105}^2\ \Phi_{15}^3$
35422	792	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{60}^{14}\ \Phi_{30}^{10}\ \Phi_{20}^{14}\ \Phi_{15}^{11}\ \Phi_{12}^{16}\ \Phi_{10}^{14}\ \Phi_6^{12}\ \Phi_5^{14}\ \Phi_4^{16}\ \Phi_3^{12}\ \Phi_2^{16}\ \Phi_1^{16}$
35423	792	1560	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{39}$
35424	792	273	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{2}{13}$	$\frac{1}{3}$	$\Phi_{273}^5\ \Phi_{21}^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
35425	792	1191	$\frac{31}{397}$	$\frac{56}{397}$	$\frac{61}{397}$	$\frac{1}{3}$	Φ_{1191}
35426	792	84	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{84}^{10}\ \Phi_{42}^{10}\ \Phi_{28}^{10}\ \Phi_{21}^{5}\ \Phi_{14}^{10}\ \Phi_{12}^{12}\ \Phi_{7}^{10}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
35427	792	1065	$\frac{2}{71}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{23}{71}$	$\Phi_{1065}\ \Phi_{213}\ \Phi_{71}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
35428	792	715	$\frac{2}{65}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{21}{65}$	$\Phi_{715}\ \Phi_{143}\ \Phi_{65}^{2}\ \Phi_{55}\ \Phi_{13}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
35429	792	260	$\frac{2}{65}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{21}{65}$	$\Phi_{260}^{4}\ \Phi_{130}^{4}\ \Phi_{52}^{4}\ \Phi_{26}^{4}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
35430	792	791	$\frac{26}{791}$	$\frac{134}{791}$	$\frac{219}{791}$	$\frac{255}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_{7}\ \Phi_{1}^{2}$
35431	792	995	$\frac{7}{199}$	$\frac{1}{5}$	$\frac{45}{199}$	$\frac{64}{199}$	Φ_{995}
35432	792	791	$\frac{29}{791}$	$\frac{153}{791}$	$\frac{179}{791}$	$\frac{254}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_{7}\ \Phi_{1}^{2}$
35433	792	212	$\frac{2}{53}$	$\frac{9}{53}$	$\frac{1}{4}$	$\frac{17}{53}$	$\Phi_{212}^{5}\ \Phi_{106}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
35434	792	399	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{13}{57}$	$\frac{6}{19}$	$\Phi_{399}^{3}\ \Phi_{133}\ \Phi_{21}^{3}$
35435	792	70	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{35}$	$\Phi_{70}^{14}\ \Phi_{35}^{8}\ \Phi_{14}^{16}\ \Phi_{10}^{14}\ \Phi_{7}^{9}\ \Phi_{5}^{8}\ \Phi_{2}^{16}\ \Phi_{1}^{10}$
35436	792	368	$\frac{1}{16}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{5}{16}$	$\Phi_{368}^{2}\ \Phi_{184}^{2}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{23}^{3}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
35437	792	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{144}^{6}\ \Phi_{72}^{6}\ \Phi_{48}^{6}\ \Phi_{36}^{7}\ \Phi_{24}^{6}\ \Phi_{18}^{7}\ \Phi_{12}^{7}\ \Phi_{9}^{6}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
35438	792	368	$\frac{1}{16}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{5}{16}$	$\Phi_{368}^{2}\ \Phi_{184}^{2}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{23}^{3}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
35439	792	560	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{5}{16}$	$\Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{140}^{2}\ \Phi_{70}^{2}\ \Phi_{35}^{3}$
35440	792	791	$\frac{50}{791}$	$\frac{68}{791}$	$\frac{241}{791}$	$\frac{247}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_{7}\ \Phi_{1}^{2}$
35441	792	900	$\frac{7}{100}$	$\frac{1}{9}$	$\frac{23}{100}$	$\frac{31}{100}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
35442	792	113	$\frac{8}{113}$	$\frac{13}{113}$	$\frac{25}{113}$	$\frac{35}{113}$	$\Phi_{113}^{7}\ \Phi_{1}^{8}$
35443	792	133	$\frac{10}{133}$	$\frac{1}{7}$	$\frac{23}{133}$	$\frac{41}{133}$	$\Phi_{133}^{6}\ \Phi_{19}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
35444	792	791	$\frac{62}{791}$	$\frac{109}{791}$	$\frac{137}{791}$	$\frac{243}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_{7}\ \Phi_{1}^{2}$
35445	792	995	$\frac{16}{199}$	$\frac{23}{199}$	$\frac{1}{5}$	$\frac{61}{199}$	Φ_{995}
35446	792	791	$\frac{65}{791}$	$\frac{76}{791}$	$\frac{183}{791}$	$\frac{242}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_{7}\ \Phi_{1}^{2}$
35447	792	1060	$\frac{22}{265}$	$\frac{23}{265}$	$\frac{1}{4}$	$\frac{81}{265}$	$\Phi_{1060}\ \Phi_{530}\ \Phi_{212}\ \Phi_{106}\ \Phi_{20}\ \Phi_{10}$
35448	792	276	$\frac{1}{12}$	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{276}^{3}\ \Phi_{138}^{3}\ \Phi_{92}^{2}\ \Phi_{69}^{3}\ \Phi_{46}^{2}\ \Phi_{23}^{3}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
35449	792	920	$\frac{2}{23}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{7}{23}$	$\Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{115}\ \Phi_{40}^{2}\ \Phi_{23}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
35450	792	63	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{19}{63}$	$\Phi_{63}^{18}\ \Phi_{9}^{18}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
35451	792	876	$\frac{1}{12}$	$\frac{7}{73}$	$\frac{17}{73}$	$\frac{22}{73}$	$\Phi_{876}\ \Phi_{438}\ \Phi_{292}\ \Phi_{219}\ \Phi_{146}$
35452	792	360	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{3}\ \Phi_{90}\ \Phi_{72}^{3}\ \Phi_{60}^{3}\ \Phi_{45}\ \Phi_{36}^{3}\ \Phi_{30}\ \Phi_{24}^{3}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^{3}\ \Phi_{6}$
35453	792	791	$\frac{55}{791}$	$\frac{92}{791}$	$\frac{186}{791}$	$\frac{233}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_{7}\ \Phi_{1}^{2}$
35454	792	1060	$\frac{17}{265}$	$\frac{31}{265}$	$\frac{1}{4}$	$\frac{78}{265}$	$\Phi_{1060}\ \Phi_{530}\ \Phi_{212}\ \Phi_{106}\ \Phi_{20}\ \Phi_{10}$
35455	792	731	$\frac{3}{43}$	$\frac{2}{17}$	$\frac{10}{43}$	$\frac{5}{17}$	$\Phi_{731}\ \Phi_{43}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
35456	792	1020	$\frac{1}{12}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
35457	792	791	$\frac{51}{791}$	$\frac{101}{791}$	$\frac{185}{791}$	$\frac{230}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_{7}\ \Phi_{1}^{2}$
35458	792	876	$\frac{1}{12}$	$\frac{10}{73}$	$\frac{13}{73}$	$\frac{21}{73}$	$\Phi_{876}\ \Phi_{438}\ \Phi_{292}\ \Phi_{219}\ \Phi_{146}$
35459	792	154	$\frac{5}{77}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{154}^{7}\ \Phi_{77}^{4}\ \Phi_{22}^{7}\ \Phi_{14}^{2}\ \Phi_{11}^{4}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
35460	792	49	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{49}^{18}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
35461	792	791	$\frac{59}{791}$	$\frac{122}{791}$	$\frac{142}{791}$	$\frac{223}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_{7}\ \Phi_{1}^{2}$
35462	792	995	$\frac{13}{199}$	$\frac{31}{199}$	$\frac{1}{5}$	$\frac{56}{199}$	Φ_{995}
35463	792	1012	$\frac{1}{23}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{1012}\ \Phi_{506}\ \Phi_{92}^{2}\ \Phi_{46}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
35464	792	385	$\frac{2}{35}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{385}^{2}\ \Phi_{77}^{2}\ \Phi_{55}\ \Phi_{35}^{4}\ \Phi_{11}^{2}\ \Phi_{7}^{4}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
35465	792	143	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{143}^{5}\ \Phi_{13}^{10}\ \Phi_{11}^{6}\ \Phi_{1}^{12}$
35466	792	924	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}$
35467	792	851	$\frac{1}{23}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	Φ_{851}
35468	792	300	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{300}^{5}\ \Phi_{150}^{5}\ \Phi_{100}\ \Phi_{60}^{4}\ \Phi_{50}\ \Phi_{30}^{4}\ \Phi_{20}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{6}^{4}$
35469	792	1065	$\frac{3}{71}$	$\frac{1}{5}$	$\frac{17}{71}$	$\frac{4}{15}$	$\Phi_{1065}\ \Phi_{213}\ \Phi_{71}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
35470	792	285	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{285}^{4}\ \Phi_{95}\ \Phi_{57}^{4}$
35471	792	1065	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1065}\ \Phi_{213}\ \Phi_{71}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
35472	792	1365	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1365}\ \Phi_{273}\ \Phi_{91}$
35473	792	1065	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1065}\ \Phi_{213}\ \Phi_{71}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
35474	792	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{90}^{11}\ \Phi_{45}^{9}\ \Phi_{30}^{6}\ \Phi_{18}^{11}\ \Phi_{15}^{5}\ \Phi_{10}^{10}\ \Phi_{9}^{8}\ \Phi_{6}^{6}\ \Phi_{5}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{10}\ \Phi_{1}^{8}$
35475	792	791	$\frac{53}{791}$	$\frac{123}{791}$	$\frac{167}{791}$	$\frac{208}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_{7}\ \Phi_{1}^{2}$
35476	792	876	$\frac{1}{12}$	$\frac{9}{73}$	$\frac{16}{73}$	$\frac{19}{73}$	$\Phi_{876}\ \Phi_{438}\ \Phi_{292}\ \Phi_{219}\ \Phi_{146}$
35477	792	113	$\frac{9}{113}$	$\frac{14}{113}$	$\frac{26}{113}$	$\frac{29}{113}$	$\Phi_{113}^{7}\ \Phi_{1}^{8}$
35478	792	133	$\frac{9}{133}$	$\frac{1}{7}$	$\frac{31}{133}$	$\frac{34}{133}$	$\Phi_{133}^{6}\ \Phi_{19}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
35479	792	791	$\frac{27}{791}$	$\frac{191}{791}$	$\frac{197}{791}$	$\frac{200}{791}$	$\Phi_{791}\ \Phi_{113}\ \Phi_{7}\ \Phi_{1}^{2}$
35480	792	1060	$\frac{9}{265}$	$\frac{64}{265}$	$\frac{1}{4}$	$\frac{67}{265}$	$\Phi_{1060}\ \Phi_{530}\ \Phi_{212}\ \Phi_{106}\ \Phi_{20}\ \Phi_{10}$
35481	792	116	$\frac{1}{29}$	$\frac{7}{29}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{116}^{6}\ \Phi_{58}^{6}\ \Phi_{29}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
35482	792	460	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{460}^{2}\ \Phi_{230}^{2}\ \Phi_{115}^{3}$
35483	792	348	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{348}^{2}\ \Phi_{174}^{2}\ \Phi_{116}^{2}\ \Phi_{87}^{3}\ \Phi_{58}^{2}\ \Phi_{29}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
35484	792	36	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{36}^{25}\ \Phi_{18}^{25}\ \Phi_{12}^{16}\ \Phi_{9}^{24}\ \Phi_{6}^{16}\ \Phi_{4}^{18}\ \Phi_{3}^{15}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
35485	792	1204	$\frac{3}{43}$	$\frac{1}{7}$	$\frac{10}{43}$	$\frac{1}{4}$	$\Phi_{1204}\ \Phi_{602}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
35486	792	1060	$\frac{21}{265}$	$\frac{34}{265}$	$\frac{61}{265}$	$\frac{1}{4}$	$\Phi_{1060}\ \Phi_{530}\ \Phi_{212}\ \Phi_{106}\ \Phi_{20}\ \Phi_{10}$
35487	792	1152	$\frac{3}{32}$	$\frac{1}{9}$	$\frac{29}{128}$	$\frac{1}{4}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
35488	792	276	$\frac{1}{12}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{276}^{3}\ \Phi_{138}^{3}\ \Phi_{92}^{2}\ \Phi_{69}^{3}\ \Phi_{46}^{2}\ \Phi_{23}^{3}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
35489	792	364	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{364}^{3}\ \Phi_{182}\ \Phi_{91}^{2}\ \Phi_{52}^{4}\ \Phi_{26}^{2}\ \Phi_{13}^{2}$
35490	792	1060	$\frac{19}{265}$	$\frac{41}{265}$	$\frac{56}{265}$	$\frac{1}{4}$	$\Phi_{1060}\ \Phi_{530}\ \Phi_{212}\ \Phi_{106}\ \Phi_{20}\ \Phi_{10}$
35491	792	140	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^{8}\ \Phi_{70}^{8}\ \Phi_{28}^{8}\ \Phi_{20}^{5}\ \Phi_{14}^{8}\ \Phi_{10}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
35492	792	1300	$\frac{4}{65}$	$\frac{61}{325}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
35493	792	260	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{260}^{5}\ \Phi_{130}^{5}\ \Phi_{20}^{6}\ \Phi_{10}^{6}$
35494	792	420	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{2}\ \Phi_{105}^{3}\ \Phi_{70}^{2}\ \Phi_{35}^{3}$
35495	792	1008	$\frac{1}{9}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
35496	792	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{60}^{3}\ \Phi_{45}^{3}\ \Phi_{36}\ \Phi_{30}^{3}\ \Phi_{18}\ \Phi_{15}^{3}\ \Phi_{12}\ \Phi_{6}$
35497	792	212	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{9}{53}$	$\frac{1}{4}$	$\Phi_{212}^{5}\ \Phi_{106}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
35498	792	70	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{8}{35}$	$\Phi_{70}^{14}\ \Phi_{35}^{8}\ \Phi_{14}^{16}\ \Phi_{10}^{14}\ \Phi_{7}^{9}\ \Phi_{5}^{8}\ \Phi_{2}^{16}\ \Phi_{1}^{10}$
35499	792	920	$\frac{1}{8}$	$\frac{3}{23}$	$\frac{7}{40}$	$\frac{5}{23}$	$\Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{115}\ \Phi_{40}^{2}\ \Phi_{23}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
35500	792	70	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{70}^{10}\ \Phi_{35}^{11}\ \Phi_{14}^{12}\ \Phi_{10}^{14}\ \Phi_{7}^{12}\ \Phi_{5}^{14}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
35501	792	14	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{14}^{72}\ \Phi_{7}^{41}\ \Phi_{2}^{72}\ \Phi_{1}^{42}$
35502	792	266	$\frac{5}{38}$	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{266}^{4}\ \Phi_{133}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
35503	792	280	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{40}$	$\frac{1}{5}$	$\Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{70}^{3}\ \Phi_{56}^{4}\ \Phi_{35}^{4}\ \Phi_{28}^{4}\ \Phi_{14}^{4}\ \Phi_{7}^{4}$
35504	793	1408	$\frac{1}{88}$	$\frac{89}{704}$	$\frac{615}{1408}$	$\frac{87}{176}$	$\Phi_{1408}\ \Phi_{176}\ \Phi_{128}\ \Phi_{16}\ \Phi_{1}$
35505	793	1056	$\frac{1}{88}$	$\frac{263}{1056}$	$\frac{89}{352}$	$\frac{87}{176}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
35506	793	1568	$\frac{9}{784}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{775}{1568}$	$\Phi_{1568}\ \Phi_{224}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
35507	793	954	$\frac{2}{159}$	$\frac{161}{954}$	$\frac{1}{3}$	$\frac{157}{318}$	$\Phi_{954}\ \Phi_{477}\ \Phi_{159}\ \Phi_{53}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
35508	793	1440	$\frac{1}{72}$	$\frac{73}{720}$	$\frac{647}{1440}$	$\frac{71}{144}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
35509	793	120	$\frac{1}{60}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{59}{120}$	$\Phi_{120}\ \Phi_{60}^{12}\ \Phi_{40}\ \Phi_{30}^{12}\ \Phi_{24}^{2}\ \Phi_{20}^{12}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_{10}^{12}\ \Phi_{8}^{2}\ \Phi_{6}^{12}\ \Phi_{5}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
35510	793	120	$\frac{1}{60}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{59}{120}$	$\Phi_{120}^{13}\ \Phi_{40}^{13}\ \Phi_{24}^{13}\ \Phi_{15}\ \Phi_{8}^{13}\ \Phi_{5}\ \Phi_{1}$
35511	793	360	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{59}{120}$	$\Phi_{360}^{6}\ \Phi_{120}\ \Phi_{72}^{6}\ \Phi_{40}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
35512	793	240	$\frac{1}{60}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{59}{120}$	$\Phi_{240}^{4}\ \Phi_{120}\ \Phi_{80}^{4}\ \Phi_{60}^{4}\ \Phi_{48}^{4}\ \Phi_{40}\ \Phi_{30}^{4}\ \Phi_{24}\ \Phi_{20}^{4}\ \Phi_{16}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
35513	793	1536	$\frac{25}{768}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{743}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
35514	793	1536	$\frac{25}{768}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{743}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
35515	793	1152	$\frac{1}{24}$	$\frac{25}{384}$	$\frac{359}{1152}$	$\frac{23}{48}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
35516	793	864	$\frac{1}{24}$	$\frac{71}{864}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
35517	793	960	$\frac{1}{24}$	$\frac{25}{192}$	$\frac{167}{960}$	$\frac{23}{48}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
35518	793	1520	$\frac{33}{760}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{727}{1520}$	$\Phi_{1520}\ \Phi_{304}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
35519	793	960	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{167}{960}$	$\frac{153}{320}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
35520	793	912	$\frac{5}{114}$	$\frac{119}{912}$	$\frac{1}{6}$	$\frac{109}{228}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{152}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
35521	793	1512	$\frac{37}{756}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{719}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
35522	793	1512	$\frac{37}{756}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{719}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
35523	793	1080	$\frac{1}{18}$	$\frac{17}{270}$	$\frac{287}{1080}$	$\frac{253}{540}$	$\Phi_{1080}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
35524	793	504	$\frac{2}{63}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{504}^{3}\ \Phi_{168}^{3}\ \Phi_{72}^{3}\ \Phi_{63}\ \Phi_{56}^{3}\ \Phi_{24}\ \Phi_{21}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
35525	793	360	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{29}{90}$	$\frac{11}{24}$	$\Phi_{360}^{6}\ \Phi_{90}\ \Phi_{72}^{6}\ \Phi_{45}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
35526	793	192	$\frac{3}{64}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{192}^{4}\ \Phi_{96}^{4}\ \Phi_{64}^{5}\ \Phi_{48}^{4}\ \Phi_{32}^{5}\ \Phi_{24}\ \Phi_{16}^{5}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
35527	793	240	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{19}{80}$	$\frac{11}{24}$	$\Phi_{240}^{4}\ \Phi_{80}^{5}\ \Phi_{60}^{4}\ \Phi_{48}^{4}\ \Phi_{40}\ \Phi_{30}^{4}\ \Phi_{24}\ \Phi_{20}^{4}\ \Phi_{16}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
35528	793	1560	$\frac{4}{65}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{104}\ \Phi_{65}\ \Phi_{24}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
35529	793	600	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{14}{75}$	$\frac{11}{24}$	$\Phi_{600}^{3}\ \Phi_{200}^{3}\ \Phi_{75}\ \Phi_{25}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
35530	793	264	$\frac{5}{66}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{264}^{6}\ \Phi_{88}^{6}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
35531	793	72	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{11}{24}$	$\Phi_{72}^{13}\ \Phi_{36}^{13}\ \Phi_{24}^{2}\ \Phi_{18}^{13}\ \Phi_{12}^{12}\ \Phi_{9}^{13}\ \Phi_{8}^{2}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
35532	793	840	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{11}{24}$	$\Phi_{840}^{2}\ \Phi_{280}^{2}\ \Phi_{168}^{2}\ \Phi_{70}\ \Phi_{56}^{2}\ \Phi_{35}\ \Phi_{24}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
35533	793	1440	$\frac{1}{18}$	$\frac{73}{720}$	$\frac{17}{90}$	$\frac{647}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{90}\ \Phi_{45}\ \Phi_{32}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
35534	793	1440	$\frac{7}{80}$	$\frac{73}{720}$	$\frac{1}{8}$	$\frac{647}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
35535	793	972	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{179}{972}$	$\frac{145}{324}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
35536	793	840	$\frac{47}{840}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
35537	793	896	$\frac{9}{112}$	$\frac{103}{896}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
35538	793	810	$\frac{17}{810}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{90}\ \Phi_{81}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
35539	793	1368	$\frac{5}{114}$	$\frac{109}{684}$	$\frac{1}{6}$	$\frac{575}{1368}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{152}\ \Phi_{114}\ \Phi_{72}\ \Phi_{57}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
35540	793	66	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{66}^{13}\ \Phi_{33}^{13}\ \Phi_{22}^{8}\ \Phi_{11}^{12}\ \Phi_{6}^{13}\ \Phi_{3}^{13}\ \Phi_{2}^{8}\ \Phi_{1}^{13}$
35541	793	900	$\frac{1}{18}$	$\frac{107}{900}$	$\frac{17}{90}$	$\frac{73}{180}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
35542	793	990	$\frac{1}{33}$	$\frac{32}{165}$	$\frac{197}{990}$	$\frac{133}{330}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{198}\ \Phi_{165}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
35543	793	1320	$\frac{1}{33}$	$\frac{32}{165}$	$\frac{133}{660}$	$\frac{527}{1320}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{165}\ \Phi_{120}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
35544	793	64	$\frac{3}{64}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{64}^{12}\ \Phi_{32}^{13}\ \Phi_{16}^{13}\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
35545	793	1296	$\frac{1}{72}$	$\frac{145}{648}$	$\frac{71}{216}$	$\frac{503}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
35546	793	1296	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{145}{648}$	$\frac{503}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
35547	793	1280	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{153}{640}$	$\frac{487}{1280}$	$\Phi_{1280}\ \Phi_{256}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
35548	793	1152	$\frac{1}{72}$	$\frac{71}{288}$	$\frac{359}{1152}$	$\frac{217}{576}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
35549	793	1272	$\frac{2}{159}$	$\frac{157}{636}$	$\frac{1}{3}$	$\frac{479}{1272}$	$\Phi_{1272}\ \Phi_{424}\ \Phi_{159}\ \Phi_{53}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
35550	793	864	$\frac{1}{18}$	$\frac{71}{864}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
35551	793	1200	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{193}{600}$	$\frac{407}{1200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
35552	793	1188	$\frac{1}{99}$	$\frac{98}{297}$	$\frac{395}{1188}$	$\frac{199}{594}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{297}\ \Phi_{132}\ \Phi_{108}\ \Phi_{44}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
35553	793	315	$\frac{2}{63}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{315}^{3}\ \Phi_{105}^{3}\ \Phi_{63}\ \Phi_{45}^{3}\ \Phi_{35}^{3}\ \Phi_{21}\ \Phi_{15}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
35554	793	90	$\frac{1}{30}$	$\frac{2}{15}$	$\frac{29}{90}$	$\frac{1}{3}$	$\Phi_{90}^{13}\ \Phi_{45}^{13}\ \Phi_{18}^{13}\ \Phi_{15}\ \Phi_{9}^{13}\ \Phi_{5}\ \Phi_{1}$
35555	793	126	$\frac{2}{63}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{126}^{6}\ \Phi_{63}^{7}\ \Phi_{42}^{6}\ \Phi_{21}^{7}\ \Phi_{18}^{4}\ \Phi_{14}^{6}\ \Phi_{9}^{5}\ \Phi_{7}^{7}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
35556	793	1008	$\frac{2}{63}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{21}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
35557	793	960	$\frac{3}{64}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
35558	793	240	$\frac{1}{20}$	$\frac{2}{15}$	$\frac{19}{80}$	$\frac{1}{3}$	$\Phi_{240}^{4}\ \Phi_{120}^{4}\ \Phi_{80}^{5}\ \Phi_{48}^{4}\ \Phi_{40}^{5}\ \Phi_{24}^{4}\ \Phi_{16}^{5}\ \Phi_{15}\ \Phi_{8}^{5}\ \Phi_{5}\ \Phi_{1}$
35559	793	840	$\frac{47}{840}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
35560	793	195	$\frac{4}{65}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{195}^{4}\ \Phi_{65}^{5}\ \Phi_{39}^{4}\ \Phi_{15}\ \Phi_{13}^{5}\ \Phi_{5}\ \Phi_{1}$
35561	793	75	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{14}{75}$	$\frac{1}{3}$	$\Phi_{75}^{13}\ \Phi_{25}^{13}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
35562	793	330	$\frac{5}{66}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{330}^{3}\ \Phi_{165}^{3}\ \Phi_{110}^{3}\ \Phi_{66}\ \Phi_{55}^{3}\ \Phi_{33}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}$
35563	793	360	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{11}{72}$	$\frac{1}{3}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{72}\ \Phi_{45}^{3}\ \Phi_{40}^{3}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
35564	793	210	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{210}^{4}\ \Phi_{105}^{4}\ \Phi_{70}^{5}\ \Phi_{42}^{4}\ \Phi_{35}^{5}\ \Phi_{21}^{4}\ \Phi_{15}\ \Phi_{14}^{5}\ \Phi_{7}^{5}\ \Phi_{5}\ \Phi_{1}$
35565	793	90	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{29}{90}$	$\Phi_{90}^{7}\ \Phi_{45}^{7}\ \Phi_{30}^{12}\ \Phi_{18}^{8}\ \Phi_{15}^{12}\ \Phi_{10}^{12}\ \Phi_{9}^{8}\ \Phi_{6}^{12}\ \Phi_{5}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
35566	793	720	$\frac{1}{30}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{29}{90}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{144}^{2}\ \Phi_{90}\ \Phi_{72}^{2}\ \Phi_{45}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
35567	793	1026	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{233}{1026}$	$\frac{109}{342}$	$\Phi_{1026}\ \Phi_{513}\ \Phi_{114}\ \Phi_{57}\ \Phi_{54}\ \Phi_{38}\ \Phi_{27}\ \Phi_{19}\ \Phi_{1}$
35568	793	1134	$\frac{1}{18}$	$\frac{37}{378}$	$\frac{341}{1134}$	$\frac{17}{54}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{1}$
35569	793	1152	$\frac{25}{384}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{359}{1152}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
35570	793	960	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{167}{960}$	$\frac{73}{240}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
35571	793	1134	$\frac{37}{378}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{341}{1134}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{162}\ \Phi_{81}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
35572	793	882	$\frac{89}{882}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{126}$	$\Phi_{882}\ \Phi_{441}\ \Phi_{294}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
35573	793	576	$\frac{3}{64}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{64}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
35574	793	720	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{19}{80}$	$\frac{5}{18}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{144}^2\ \Phi_{80}\ \Phi_{72}^2\ \Phi_{40}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
35575	793	1170	$\frac{4}{65}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{234}\ \Phi_{117}\ \Phi_{65}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
35576	793	450	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{14}{75}$	$\frac{5}{18}$	$\Phi_{450}^3\ \Phi_{225}^3\ \Phi_{75}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
35577	793	198	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{198}^6\ \Phi_{99}^6\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
35578	793	72	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{72}^{13}\ \Phi_{36}^7\ \Phi_{24}^{13}\ \Phi_{18}^8\ \Phi_{12}^{12}\ \Phi_{9}^8\ \Phi_{8}^{13}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
35579	793	630	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{126}^2\ \Phi_{70}\ \Phi_{63}^2\ \Phi_{35}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
35580	793	1080	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{73}{360}$	$\frac{287}{1080}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
35581	793	864	$\frac{71}{864}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
35582	793	64	$\frac{3}{64}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{64}^{13}\ \Phi_{32}^{13}\ \Phi_{16}^{10}\ \Phi_{8}^{10}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
35583	793	80	$\frac{1}{20}$	$\frac{3}{16}$	$\frac{19}{80}$	$\frac{1}{4}$	$\Phi_{80}^9\ \Phi_{40}^9\ \Phi_{20}^{12}\ \Phi_{16}^{10}\ \Phi_{10}^{12}\ \Phi_{8}^{10}\ \Phi_{5}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
35584	793	1040	$\frac{4}{65}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{208}\ \Phi_{104}\ \Phi_{65}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
35585	793	1200	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{200}\ \Phi_{75}\ \Phi_{25}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
35586	793	528	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
35587	793	144	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{144}^8\ \Phi_{72}^5\ \Phi_{48}^4\ \Phi_{36}^5\ \Phi_{24}\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_{9}^5\ \Phi_{8}^2\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
35588	793	560	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{112}^2\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{35}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
35589	793	1024	$\frac{25}{256}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{231}{1024}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
35590	793	896	$\frac{103}{896}$	$\frac{1}{8}$	$\frac{25}{128}$	$\frac{7}{32}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
35591	793	960	$\frac{1}{8}$	$\frac{25}{192}$	$\frac{167}{960}$	$\frac{7}{32}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
35592	793	1008	$\frac{5}{42}$	$\frac{37}{252}$	$\frac{1}{6}$	$\frac{215}{1008}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
35593	794	732	$\frac{1}{61}$	$\frac{31}{366}$	$\frac{335}{732}$	$\frac{30}{61}$	$\Phi_{732}^2\ \Phi_{244}^2\ \Phi_{61}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
35594	794	549	$\frac{1}{61}$	$\frac{31}{183}$	$\frac{152}{549}$	$\frac{30}{61}$	$\Phi_{549}^2\ \Phi_{61}\ \Phi_{9}^2\ \Phi_{1}^2$
35595	794	488	$\frac{1}{61}$	$\frac{91}{488}$	$\frac{31}{122}$	$\frac{30}{61}$	$\Phi_{488}^2\ \Phi_{244}^2\ \Phi_{61}\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{1}^2$
35596	794	780	$\frac{7}{390}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{383}{780}$	$\Phi_{780}^2\ \Phi_{260}^2\ \Phi_{156}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
35597	794	585	$\frac{7}{195}$	$\frac{1}{13}$	$\frac{188}{585}$	$\frac{6}{13}$	$\Phi_{585}^2\ \Phi_{117}^2\ \Phi_{45}^2\ \Phi_{13}\ \Phi_{9}^2\ \Phi_{1}^2$
35598	794	416	$\frac{19}{416}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{416}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{1}^2$
35599	794	520	$\frac{7}{130}$	$\frac{1}{13}$	$\frac{123}{520}$	$\frac{6}{13}$	$\Phi_{520}^2\ \Phi_{260}^2\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{1}^2$
35600	794	429	$\frac{32}{429}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{429}^2\ \Phi_{143}^2\ \Phi_{33}^2\ \Phi_{13}\ \Phi_{11}^2\ \Phi_{1}^2$
35601	794	468	$\frac{1}{13}$	$\frac{7}{78}$	$\frac{71}{468}$	$\frac{6}{13}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{52}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{4}^2\ \Phi_{1}^2$
35602	794	455	$\frac{1}{13}$	$\frac{7}{65}$	$\frac{58}{455}$	$\frac{6}{13}$	$\Phi_{455}^2\ \Phi_{91}^2\ \Phi_{35}^2\ \Phi_{13}\ \Phi_{7}^2\ \Phi_{1}^2$
35603	795	632	$\frac{1}{158}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{157}{316}$	$\Phi_{632}^2\ \Phi_{316}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
35604	795	728	$\frac{1}{52}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{51}{104}$	$\Phi_{728}^2\ \Phi_{104}^3\ \Phi_{56}^2\ \Phi_{28}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
35605	795	728	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{51}{104}$	$\Phi_{728}^2\ \Phi_{104}^3\ \Phi_{56}^2\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{1}^3$
35606	795	312	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{51}{104}$	$\Phi_{312}^6\ \Phi_{104}^3\ \Phi_{24}^6\ \Phi_{12}^2\ \Phi_{8}^3\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
35607	795	1036	$\frac{6}{259}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{253}{518}$	$\Phi_{1036}\ \Phi_{259}\ \Phi_{148}\ \Phi_{37}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
35608	795	930	$\frac{4}{155}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{151}{310}$	$\Phi_{930}\ \Phi_{465}\ \Phi_{186}\ \Phi_{155}\ \Phi_{93}\ \Phi_{31}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
35609	795	304	$\frac{1}{38}$	$\frac{39}{304}$	$\frac{1}{4}$	$\frac{37}{76}$	$\Phi_{304}^3\ \Phi_{152}^3\ \Phi_{76}^2\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
35610	795	192	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{11}{64}$	$\frac{31}{64}$	$\Phi_{192}^4\ \Phi_{96}^6\ \Phi_{64}^2\ \Phi_{48}^6\ \Phi_{32}^3\ \Phi_{24}^6\ \Phi_{16}^3\ \Phi_{12}^6\ \Phi_8^3\ \Phi_6^5\ \Phi_4^3\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
35611	795	816	$\frac{2}{51}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
35612	795	912	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{145}{304}$	$\Phi_{912}^2\ \Phi_{304}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
35613	795	504	$\frac{13}{252}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{239}{504}$	$\Phi_{504}^3\ \Phi_{168}^3\ \Phi_{72}^3\ \Phi_{56}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{14}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
35614	795	144	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{144}^6\ \Phi_{72}^5\ \Phi_{48}^6\ \Phi_{36}^6\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{12}^6\ \Phi_9^5\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
35615	795	300	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{47}{100}$	$\Phi_{300}^6\ \Phi_{100}^3\ \Phi_{60}^6\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^6\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4^3\ \Phi_3\ \Phi_1$
35616	795	1092	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{25}{78}$	$\frac{13}{28}$	$\Phi_{1092}^2\ \Phi_{156}^2\ \Phi_{84}^2\ \Phi_{78}\ \Phi_{39}\ \Phi_{28}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
35617	795	56	$\frac{3}{56}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{56}^{15}\ \Phi_{28}^{14}\ \Phi_{14}^{13}\ \Phi_8^{15}\ \Phi_7^{13}\ \Phi_4^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
35618	795	1820	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{13}{28}$	$\Phi_{1820}\ \Phi_{260}\ \Phi_{140}\ \Phi_{65}\ \Phi_{28}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
35619	795	988	$\frac{1}{19}$	$\frac{18}{247}$	$\frac{1}{4}$	$\frac{229}{494}$	$\Phi_{988}\ \Phi_{247}\ \Phi_{76}^2\ \Phi_{52}\ \Phi_{38}\ \Phi_{19}\ \Phi_{13}\ \Phi_4\ \Phi_1$
35620	795	96	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{96}^{15}\ \Phi_{48}^2\ \Phi_{32}^{15}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
35621	795	840	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{1}{6}$	$\frac{121}{280}$	$\Phi_{840}^2\ \Phi_{280}\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{56}\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
35622	795	456	$\frac{1}{38}$	$\frac{37}{228}$	$\frac{1}{4}$	$\frac{191}{456}$	$\Phi_{456}^3\ \Phi_{152}^3\ \Phi_{76}^2\ \Phi_{38}\ \Phi_{24}^3\ \Phi_{19}\ \Phi_8^3\ \Phi_4\ \Phi_1$
35623	795	240	$\frac{1}{16}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^3\ \Phi_{48}^2\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{16}\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
35624	795	720	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}^2\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
35625	795	768	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{31}{128}$	$\frac{97}{256}$	$\Phi_{768}^2\ \Phi_{256}\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
35626	795	632	$\frac{1}{79}$	$\frac{1}{4}$	$\frac{26}{79}$	$\frac{3}{8}$	$\Phi_{632}^2\ \Phi_{79}^2\ \Phi_8^3\ \Phi_1^3$
35627	795	216	$\frac{1}{54}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^6\ \Phi_{108}^2\ \Phi_{72}^6\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{24}^6\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
35628	795	240	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{13}{40}$	$\frac{27}{80}$	$\Phi_{240}^6\ \Phi_{120}^2\ \Phi_{80}^3\ \Phi_{60}^2\ \Phi_{48}^6\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
35629	795	684	$\frac{1}{38}$	$\frac{77}{342}$	$\frac{1}{4}$	$\frac{37}{114}$	$\Phi_{684}^2\ \Phi_{342}\ \Phi_{171}\ \Phi_{76}^2\ \Phi_{38}\ \Phi_{36}^2\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
35630	795	546	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{25}{78}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{78}^3\ \Phi_{42}^2\ \Phi_{39}^3\ \Phi_{21}^2\ \Phi_7^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
35631	795	156	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{25}{78}$	$\Phi_{156}^6\ \Phi_{78}^3\ \Phi_{52}^8\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_{12}^8\ \Phi_6^4\ \Phi_4^9\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
35632	795	192	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{11}{64}$	$\frac{5}{16}$	$\Phi_{192}^6\ \Phi_{96}^6\ \Phi_{64}^3\ \Phi_{48}^2\ \Phi_{32}^3\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
35633	795	588	$\frac{1}{14}$	$\frac{29}{294}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{588}^2\ \Phi_{294}\ \Phi_{196}^2\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
35634	795	60	$\frac{1}{10}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{60}^{15}\ \Phi_{30}^{11}\ \Phi_{20}^{15}\ \Phi_{15}^{11}\ \Phi_{12}^{15}\ \Phi_{10}^{13}\ \Phi_6^{10}\ \Phi_5^{13}\ \Phi_4^{15}\ \Phi_3^{10}\ \Phi_2^{12}\ \Phi_1^{13}$
35635	795	756	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{4}$	$\frac{113}{378}$	$\Phi_{756}^2\ \Phi_{378}\ \Phi_{189}\ \Phi_{108}^2\ \Phi_{54}\ \Phi_{28}^2\ \Phi_{27}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
35636	795	56	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{56}^{15}\ \Phi_{28}^{13}\ \Phi_{14}^{13}\ \Phi_8^{15}\ \Phi_7^{15}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{15}$
35637	795	455	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{12}{65}$	$\frac{2}{7}$	$\Phi_{455}^2\ \Phi_{65}^3\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
35638	795	144	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{144}^8\ \Phi_{72}^7\ \Phi_{48}^2\ \Phi_{36}^7\ \Phi_{24}^2\ \Phi_{18}^7\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9^7\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
35639	795	168	$\frac{3}{56}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{168}^6\ \Phi_{84}^6\ \Phi_{56}^3\ \Phi_{42}^6\ \Phi_{28}^3\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
35640	795	624	$\frac{3}{52}$	$\frac{1}{6}$	$\frac{49}{208}$	$\frac{1}{4}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}\ \Phi_{104}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
35641	795	336	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{71}{336}$	$\frac{1}{4}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{14}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
35642	795	780	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{12}{65}$	$\frac{1}{4}$	$\Phi_{780}^2\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
35643	795	600	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{50}$	$\frac{41}{200}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}\ \Phi_{120}^2\ \Phi_{100}\ \Phi_{60}^2\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
35644	796	396	$\frac{1}{198}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{197}{396}$	$\Phi_{396}^4\ \Phi_{132}^4\ \Phi_{44}^4\ \Phi_{36}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
35645	796	318	$\frac{1}{159}$	$\frac{40}{159}$	$\frac{119}{318}$	$\frac{79}{159}$	$\Phi_{318}^4\ \Phi_{159}\ \Phi_{106}^4\ \Phi_{53}\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
35646	796	798	$\frac{1}{133}$	$\frac{67}{266}$	$\frac{1}{3}$	$\frac{66}{133}$	$\Phi_{798}^2\ \Phi_{399}\ \Phi_{114}^2\ \Phi_{57}\ \Phi_{42}^2\ \Phi_{21}\ \Phi_6^2$
35647	796	395	$\frac{3}{395}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{196}{395}$	$\Phi_{395}^2\ \Phi_{79}^2\ \Phi_5^3\ \Phi_1^4$
35648	796	1176	$\frac{3}{196}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{193}{392}$	$\Phi_{1176}^2\ \Phi_{168}^2\ \Phi_{24}^2\ \Phi_{21}$
35649	796	1960	$\frac{3}{196}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{193}{392}$	$\Phi_{1960}\ \Phi_{280}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
35650	796	228	$\frac{1}{57}$	$\frac{29}{228}$	$\frac{1}{3}$	$\frac{28}{57}$	$\Phi_{228}^4\ \Phi_{114}^4\ \Phi_{76}^4\ \Phi_{57}^2\ \Phi_{38}^4\ \Phi_{19}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
35651	796	371	$\frac{1}{53}$	$\frac{27}{371}$	$\frac{172}{371}$	$\frac{26}{53}$	$\Phi_{371}^2\ \Phi_{53}^3\ \Phi_7^2\ \Phi_1^4$
35652	796	390	$\frac{4}{195}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{191}{390}$	$\Phi_{390}^4\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{30}^4\ \Phi_{26}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
35653	796	390	$\frac{4}{195}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{191}{390}$	$\Phi_{390}^4\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{30}^4\ \Phi_{26}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
35654	796	777	$\frac{19}{777}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{379}{777}$	$\Phi_{777}\ \Phi_{259}\ \Phi_{111}\ \Phi_{37}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
35655	796	240	$\frac{1}{40}$	$\frac{41}{240}$	$\frac{1}{5}$	$\frac{39}{80}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
35656	796	775	$\frac{21}{775}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{377}{775}$	$\Phi_{775}\ \Phi_{155}\ \Phi_{31}\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
35657	796	1920	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{185}{384}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
35658	796	765	$\frac{31}{765}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{367}{765}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}^2\ \Phi_{17}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
35659	796	1140	$\frac{9}{190}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{181}{380}$	$\Phi_{1140}^2\ \Phi_{228}^2\ \Phi_{60}^2\ \Phi_{57}\ \Phi_{12}^2$
35660	796	380	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{181}{380}$	$\Phi_{380}^4\ \Phi_{76}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
35661	796	210	$\frac{1}{21}$	$\frac{11}{210}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{21}^2\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^2\ \Phi_6^4\ \Phi_5^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
35662	796	270	$\frac{7}{135}$	$\frac{1}{15}$	$\frac{71}{270}$	$\frac{64}{135}$	$\Phi_{270}^4\ \Phi_{135}^2\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^2\ \Phi_{30}^4\ \Phi_{27}^2\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_5\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
35663	796	627	$\frac{10}{209}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{627}^2\ \Phi_{57}\ \Phi_{33}^2$
35664	796	378	$\frac{1}{21}$	$\frac{10}{189}$	$\frac{1}{3}$	$\frac{179}{378}$	$\Phi_{378}^4\ \Phi_{126}^4\ \Phi_{54}^4\ \Phi_{42}^4\ \Phi_{21}^2\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_7^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
35665	796	212	$\frac{3}{53}$	$\frac{13}{212}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{212}^4\ \Phi_{106}^4\ \Phi_{53}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
35666	796	375	$\frac{23}{375}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{176}{375}$	$\Phi_{375}^2\ \Phi_{125}^2\ \Phi_{75}^2\ \Phi_{25}^4\ \Phi_{15}^2\ \Phi_5^3\ \Phi_3^2\ \Phi_1^4$
35667	796	585	$\frac{8}{195}$	$\frac{1}{15}$	$\frac{187}{585}$	$\frac{7}{15}$	$\Phi_{585}^2\ \Phi_{117}^2\ \Phi_{45}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
35668	796	210	$\frac{11}{210}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{21}^4\ \Phi_{15}\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
35669	796	741	$\frac{2}{57}$	$\frac{55}{741}$	$\frac{1}{3}$	$\frac{343}{741}$	$\Phi_{741}\ \Phi_{247}\ \Phi_{57}^2\ \Phi_{39}\ \Phi_{19}^2\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
35670	796	360	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{1}{5}$	$\frac{161}{360}$	$\Phi_{360}^4\ \Phi_{120}^4\ \Phi_{72}^4\ \Phi_{40}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
35671	796	360	$\frac{1}{15}$	$\frac{19}{180}$	$\frac{7}{45}$	$\frac{161}{360}$	$\Phi_{360}^4\ \Phi_{120}^4\ \Phi_{72}^4\ \Phi_{45}^2\ \Phi_{40}^4\ \Phi_{24}^4\ \Phi_{15}\ \Phi_9^2\ \Phi_8^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
35672	796	1040	$\frac{9}{208}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
35673	796	350	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{1}{5}$	$\frac{151}{350}$	$\Phi_{350}^4\ \Phi_{70}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
35674	796	609	$\frac{4}{203}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{609}^2\ \Phi_{87}^2\ \Phi_{21}$
35675	796	225	$\frac{1}{15}$	$\frac{26}{225}$	$\frac{7}{45}$	$\frac{19}{45}$	$\Phi_{225}^4\ \Phi_{75}^4\ \Phi_{45}^2\ \Phi_{25}^4\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
35676	796	342	$\frac{1}{57}$	$\frac{28}{171}$	$\frac{1}{3}$	$\frac{143}{342}$	$\Phi_{342}^4\ \Phi_{114}^4\ \Phi_{57}^2\ \Phi_{38}^4\ \Phi_{19}^2\ \Phi_{18}^4\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
35677	796	675	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{121}{675}$	$\frac{277}{675}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{135}^2\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{25}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
35678	796	320	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{39}{160}$	$\frac{121}{320}$	$\Phi_{320}^4\ \Phi_{64}^4\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
35679	796	318	$\frac{1}{53}$	$\frac{13}{53}$	$\frac{40}{159}$	$\frac{119}{318}$	$\Phi_{318}^4\ \Phi_{106}^4\ \Phi_{53}^3\ \Phi_6^4\ \Phi_2^4\ \Phi_1^4$
35680	796	300	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{49}{150}$	$\frac{101}{300}$	$\Phi_{300}^4\ \Phi_{100}^4\ \Phi_{60}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
35681	796	201	$\frac{2}{201}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{201}^4\ \Phi_{67}^4\ \Phi_3\ \Phi_1^2$
35682	796	297	$\frac{1}{99}$	$\frac{98}{297}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{297}^4\ \Phi_{27}^4\ \Phi_3\ \Phi_1^2$
35683	796	264	$\frac{1}{66}$	$\frac{65}{264}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{264}^4\ \Phi_{132}^4\ \Phi_{88}^4\ \Phi_{44}^4\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
35684	796	405	$\frac{7}{405}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{405}^2\ \Phi_{135}^2\ \Phi_{81}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
35685	796	495	$\frac{2}{99}$	$\frac{97}{495}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
35686	796	204	$\frac{5}{204}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{204}^4\ \Phi_{102}^4\ \Phi_{68}^4\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
35687	796	231	$\frac{1}{33}$	$\frac{32}{231}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}^4\ \Phi_{77}^4\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
35688	796	207	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{207}^4\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_3\ \Phi_1^2$
35689	796	660	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}^2\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
35690	796	627	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{627}\ \Phi_{209}^2\ \Phi_{57}\ \Phi_{19}^2\ \Phi_3\ \Phi_1^2$
35691	796	216	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{216}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
35692	796	429	$\frac{2}{33}$	$\frac{31}{429}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{429}^2\ \Phi_{143}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
35693	796	513	$\frac{1}{57}$	$\frac{115}{513}$	$\frac{56}{171}$	$\frac{1}{3}$	$\Phi_{513}^2\ \Phi_{57}^2\ \Phi_{27}^2\ \Phi_{19}^2\ \Phi_3\ \Phi_1^2$
35694	796	294	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{95}{294}$	$\frac{1}{3}$	$\Phi_{294}^2\ \Phi_{147}^2\ \Phi_{98}^4\ \Phi_{49}^4\ \Phi_{42}^2\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
35695	796	441	$\frac{1}{21}$	$\frac{43}{441}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{441}^2\ \Phi_{147}^2\ \Phi_{49}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
35696	796	285	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{86}{285}$	$\frac{1}{3}$	$\Phi_{285}^2\ \Phi_{95}^4\ \Phi_{57}^3\ \Phi_{19}^4\ \Phi_{15}^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
35697	796	567	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{169}{567}$	$\frac{1}{3}$	$\Phi_{567}^2\ \Phi_{81}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
35698	796	228	$\frac{1}{19}$	$\frac{29}{228}$	$\frac{9}{38}$	$\frac{1}{3}$	$\Phi_{228}^4\ \Phi_{114}^2\ \Phi_{76}^4\ \Phi_{57}^3\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
35699	796	210	$\frac{11}{210}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{42}^2\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{21}^3\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
35700	796	252	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{53}{252}$	$\frac{1}{3}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_7^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
35701	796	1425	$\frac{1}{19}$	$\frac{77}{475}$	$\frac{18}{95}$	$\frac{1}{3}$	$\Phi_{1425}\ \Phi_{75}\ \Phi_{57}$
35702	796	735	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{46}{245}$	$\frac{1}{3}$	$\Phi_{735}^2\ \Phi_{105}^2\ \Phi_{21}\ \Phi_{15}^2$
35703	796	441	$\frac{43}{441}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{441}^2\ \Phi_{147}\ \Phi_{63}^2\ \Phi_{49}^2\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
35704	796	672	$\frac{3}{28}$	$\frac{25}{224}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{21}$
35705	796	240	$\frac{1}{20}$	$\frac{41}{240}$	$\frac{1}{5}$	$\frac{19}{60}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
35706	796	1440	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{89}{288}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
35707	796	225	$\frac{2}{25}$	$\frac{26}{225}$	$\frac{1}{5}$	$\frac{23}{75}$	$\Phi_{225}^4\ \Phi_{75}^2\ \Phi_{45}^4\ \Phi_{25}^4\ \Phi_{15}^2\ \Phi_9^4\ \Phi_5^3\ \Phi_3^2\ \Phi_1^4$
35708	796	1080	$\frac{17}{216}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
35709	796	210	$\frac{11}{210}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
35710	796	270	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{19}{90}$	$\frac{71}{270}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{54}^4\ \Phi_{45}^2\ \Phi_{27}^4\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
35711	796	265	$\frac{9}{265}$	$\frac{64}{265}$	$\frac{66}{265}$	$\frac{67}{265}$	$\Phi_{265}^3\ \Phi_{53}^3\ \Phi_5^3\ \Phi_1^4$
35712	796	1120	$\frac{3}{28}$	$\frac{25}{224}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
35713	796	260	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{61}{260}$	$\Phi_{260}^4\ \Phi_{130}^4\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
35714	796	1280	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{57}{256}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
35715	796	1120	$\frac{25}{224}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
35716	796	250	$\frac{2}{25}$	$\frac{23}{125}$	$\frac{1}{5}$	$\frac{51}{250}$	$\Phi_{250}^4\ \Phi_{125}^2\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
35717	796	240	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{240}$	$\frac{1}{5}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
35718	797	1584	$\frac{5}{792}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{787}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
35719	797	1568	$\frac{13}{784}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{771}{1568}$	$\Phi_{1568}\ \Phi_{224}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
35720	797	960	$\frac{3}{160}$	$\frac{163}{960}$	$\frac{1}{4}$	$\frac{157}{320}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
35721	797	1560	$\frac{17}{780}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{763}{1560}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{120}\ \Phi_{104}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
35722	797	1536	$\frac{29}{768}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{739}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
35723	797	1520	$\frac{37}{760}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{723}{1520}$	$\Phi_{1520}\ \Phi_{304}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
35724	797	832	$\frac{35}{832}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_1$
35725	797	1440	$\frac{3}{80}$	$\frac{77}{720}$	$\frac{1}{4}$	$\frac{643}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
35726	797	1400	$\frac{3}{100}$	$\frac{97}{700}$	$\frac{1}{4}$	$\frac{603}{1400}$	$\Phi_{1400}\ \Phi_{280}\ \Phi_{200}\ \Phi_{100}\ \Phi_{56}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
35727	797	1280	$\frac{3}{160}$	$\frac{157}{640}$	$\frac{1}{4}$	$\frac{483}{1280}$	$\Phi_{1280}\ \Phi_{256}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
35728	797	1056	$\frac{5}{264}$	$\frac{259}{1056}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{176}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
35729	797	816	$\frac{19}{816}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_1$
35730	797	880	$\frac{5}{88}$	$\frac{83}{880}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
35731	797	864	$\frac{5}{72}$	$\frac{67}{864}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_8\ \Phi_1$
35732	797	1200	$\frac{3}{200}$	$\frac{1}{4}$	$\frac{197}{600}$	$\frac{403}{1200}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
35733	797	960	$\frac{3}{80}$	$\frac{163}{960}$	$\frac{1}{4}$	$\frac{77}{240}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
35734	797	1152	$\frac{29}{384}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{355}{1152}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
35735	797	864	$\frac{67}{864}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
35736	797	840	$\frac{43}{840}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
35737	797	1040	$\frac{17}{260}$	$\frac{3}{20}$	$\frac{243}{1040}$	$\frac{1}{4}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{208}\ \Phi_{104}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
35738	797	896	$\frac{3}{32}$	$\frac{99}{896}$	$\frac{29}{128}$	$\frac{1}{4}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
35739	797	1024	$\frac{3}{32}$	$\frac{29}{256}$	$\frac{227}{1024}$	$\frac{1}{4}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
35740	797	896	$\frac{99}{896}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
35741	797	960	$\frac{3}{32}$	$\frac{29}{192}$	$\frac{163}{960}$	$\frac{1}{4}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
35742	798	1320	$\frac{1}{132}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{131}{264}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}^2\ \Phi_{120}\ \Phi_{88}^2\ \Phi_{40}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
35743	798	264	$\frac{1}{132}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{131}{264}$	$\Phi_{264}^6\ \Phi_{88}^6\ \Phi_{24}^6\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
35744	798	1356	$\frac{1}{113}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{56}{113}$	$\Phi_{1356}\ \Phi_{452}\ \Phi_{113}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
35745	798	1017	$\frac{1}{113}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{56}{113}$	$\Phi_{1017}\ \Phi_{113}\ \Phi_9^2\ \Phi_1^2$
35746	798	2370	$\frac{4}{395}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{391}{790}$	$\Phi_{2370}\ \Phi_{474}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
35747	798	356	$\frac{1}{89}$	$\frac{1}{4}$	$\frac{45}{178}$	$\frac{44}{89}$	$\Phi_{356}^3\ \Phi_{178}\ \Phi_{89}^2\ \Phi_4^2\ \Phi_1^2$
35748	798	480	$\frac{1}{80}$	$\frac{27}{160}$	$\frac{1}{3}$	$\frac{79}{160}$	$\Phi_{480}^2\ \Phi_{240}^3\ \Phi_{120}^3\ \Phi_{96}^2\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
35749	798	1456	$\frac{1}{56}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{55}{112}$	$\Phi_{1456}\ \Phi_{208}\ \Phi_{112}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_1^2$
35750	798	336	$\frac{1}{56}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{55}{112}$	$\Phi_{336}^7\ \Phi_{48}^7\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
35751	798	780	$\frac{3}{130}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{127}{260}$	$\Phi_{780}^3\ \Phi_{156}^3\ \Phi_{60}^3\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^3\ \Phi_6$
35752	798	1476	$\frac{1}{41}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{20}{41}$	$\Phi_{1476}\ \Phi_{492}\ \Phi_{164}\ \Phi_{41}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
35753	798	861	$\frac{1}{41}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{861}\ \Phi_{287}\ \Phi_{41}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
35754	798	1107	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{20}{41}$	$\Phi_{1107}\ \Phi_{41}\ \Phi_{27}^2\ \Phi_1^2$
35755	798	984	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{20}{41}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{328}\ \Phi_{164}\ \Phi_{41}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
35756	798	1480	$\frac{1}{37}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{18}{37}$	$\Phi_{1480}\ \Phi_{296}\ \Phi_{40}^2\ \Phi_{37}\ \Phi_8^2\ \Phi_1^2$
35757	798	370	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{18}{37}$	$\Phi_{370}^2\ \Phi_{185}^2\ \Phi_{74}^2\ \Phi_{37}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
35758	798	296	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{18}{37}$	$\Phi_{296}^3\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{37}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
35759	798	925	$\frac{1}{37}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{18}{37}$	$\Phi_{925}\ \Phi_{37}\ \Phi_{25}^2\ \Phi_1^2$
35760	798	440	$\frac{2}{55}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{53}{110}$	$\Phi_{440}^2\ \Phi_{220}^2\ \Phi_{88}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{11}^2\ \Phi_{10}\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
35761	798	797	$\frac{29}{797}$	$\frac{59}{797}$	$\frac{246}{797}$	$\frac{384}{797}$	$\Phi_{797}\ \Phi_1^2$
35762	798	768	$\frac{5}{128}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{123}{256}$	$\Phi_{768}^3\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
35763	798	184	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{4}{23}$	$\frac{11}{23}$	$\Phi_{184}^5\ \Phi_{92}^5\ \Phi_{46}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4$
35764	798	797	$\frac{37}{797}$	$\frac{94}{797}$	$\frac{139}{797}$	$\frac{380}{797}$	$\Phi_{797}\ \Phi_1^2$
35765	798	1068	$\frac{13}{267}$	$\frac{20}{267}$	$\frac{1}{4}$	$\frac{127}{267}$	$\Phi_{1068}\ \Phi_{534}\ \Phi_{356}\ \Phi_{178}\ \Phi_{12}\ \Phi_6$
35766	798	120	$\frac{1}{20}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{120}^{19}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^{19}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
35767	798	396	$\frac{1}{22}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{396}^4\ \Phi_{132}^4\ \Phi_{66}\ \Phi_{44}^4\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
35768	798	1476	$\frac{2}{41}$	$\frac{1}{18}$	$\frac{13}{41}$	$\frac{17}{36}$	$\Phi_{1476}\ \Phi_{492}\ \Phi_{164}\ \Phi_{41}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
35769	798	180	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{180}^3\ \Phi_{90}^6\ \Phi_{60}^4\ \Phi_{45}^6\ \Phi_{36}^2\ \Phi_{30}^7\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^6\ \Phi_{12}^3\ \Phi_{10}^7\ \Phi_9^4\ \Phi_6^5\ \Phi_5^6\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
35770	798	1476	$\frac{1}{18}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{17}{36}$	$\Phi_{1476}\ \Phi_{492}\ \Phi_{164}\ \Phi_{41}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
35771	798	504	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{17}{36}$	$\Phi_{504}^2\ \Phi_{252}\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{63}^2\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2$
35772	798	1248	$\frac{17}{416}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
35773	798	750	$\frac{1}{25}$	$\frac{8}{125}$	$\frac{1}{3}$	$\frac{117}{250}$	$\Phi_{750}^3\ \Phi_{150}^3\ \Phi_{75}\ \Phi_{30}^3\ \Phi_{15}\ \Phi_6^3$
35774	798	364	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{9}{28}$	$\frac{6}{13}$	$\Phi_{364}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{52}^2\ \Phi_{28}^4\ \Phi_{26}^2\ \Phi_{14}^4\ \Phi_{13}^3\ \Phi_7^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
35775	798	286	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{286}^3\ \Phi_{143}^3\ \Phi_{26}\ \Phi_{22}^2\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_1^2$
35776	798	260	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{260}^3\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{20}^6\ \Phi_{13}^3\ \Phi_{10}^6\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
35777	798	910	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{13}{70}$	$\frac{6}{13}$	$\Phi_{910}\ \Phi_{455}\ \Phi_{130}\ \Phi_{70}^2\ \Phi_{65}\ \Phi_{35}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
35778	798	273	$\frac{1}{13}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{273}^3\ \Phi_{91}^2\ \Phi_{39}^3\ \Phi_{21}^6\ \Phi_{13}^3\ \Phi_7^4\ \Phi_3^6\ \Phi_1^6$
35779	798	832	$\frac{1}{13}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{6}{13}$	$\Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_1^2$
35780	798	797	$\frac{23}{797}$	$\frac{77}{797}$	$\frac{258}{797}$	$\frac{360}{797}$	$\Phi_{797}\ \Phi_1^2$
35781	798	240	$\frac{1}{40}$	$\frac{13}{120}$	$\frac{1}{3}$	$\frac{107}{240}$	$\Phi_{240}^6\ \Phi_{120}\ \Phi_{80}^6\ \Phi_{60}\ \Phi_{48}^6\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}^6\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
35782	798	860	$\frac{1}{20}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{860}\ \Phi_{430}\ \Phi_{215}\ \Phi_{172}\ \Phi_{86}$
35783	798	797	$\frac{34}{797}$	$\frac{109}{797}$	$\frac{151}{797}$	$\frac{344}{797}$	$\Phi_{797}\ \Phi_1^2$
35784	798	1068	$\frac{8}{267}$	$\frac{37}{267}$	$\frac{1}{4}$	$\frac{115}{267}$	$\Phi_{1068}\ \Phi_{534}\ \Phi_{356}\ \Phi_{178}\ \Phi_{12}\ \Phi_6$
35785	798	300	$\frac{1}{50}$	$\frac{7}{50}$	$\frac{1}{3}$	$\frac{43}{100}$	$\Phi_{300}^7\ \Phi_{150}\ \Phi_{75}\ \Phi_{60}^7\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^7\ \Phi_6$
35786	798	348	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{348}^4\ \Phi_{174}\ \Phi_{116}^4\ \Phi_{87}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
35787	798	1356	$\frac{2}{113}$	$\frac{1}{6}$	$\frac{37}{113}$	$\frac{5}{12}$	$\Phi_{1356}\ \Phi_{452}\ \Phi_{113}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
35788	798	156	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{156}^{4}\ \Phi_{78}^{7}\ \Phi_{52}^{4}\ \Phi_{39}^{6}\ \Phi_{26}^{7}\ \Phi_{13}^{6}\ \Phi_{12}^{3}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
35789	798	1356	$\frac{5}{113}$	$\frac{18}{113}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1356}\ \Phi_{452}\ \Phi_{113}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
35790	798	420	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{3}\ \Phi_{105}^{2}\ \Phi_{84}\ \Phi_{70}^{3}\ \Phi_{42}^{2}\ \Phi_{35}^{3}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
35791	798	1376	$\frac{1}{43}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1376}\ \Phi_{172}\ \Phi_{86}$
35792	798	135	$\frac{2}{135}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{135}^{6}\ \Phi_{45}^{6}\ \Phi_{27}^{6}\ \Phi_{15}^{5}\ \Phi_{9}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
35793	798	990	$\frac{1}{66}$	$\frac{1}{5}$	$\frac{65}{198}$	$\frac{2}{5}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
35794	798	290	$\frac{1}{58}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{290}^{3}\ \Phi_{145}^{3}\ \Phi_{58}^{2}\ \Phi_{29}^{2}\ \Phi_{10}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
35795	798	680	$\frac{3}{136}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}^{2}\ \Phi_{85}\ \Phi_{68}^{2}\ \Phi_{40}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
35796	798	880	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{43}{176}$	$\frac{2}{5}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{176}^{2}\ \Phi_{88}^{2}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
35797	798	165	$\frac{1}{33}$	$\frac{32}{165}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{165}^{5}\ \Phi_{55}^{5}\ \Phi_{33}^{4}\ \Phi_{15}^{5}\ \Phi_{11}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
35798	798	690	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{138}^{2}\ \Phi_{115}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{23}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
35799	798	110	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{110}^{6}\ \Phi_{55}^{6}\ \Phi_{22}^{12}\ \Phi_{11}^{12}\ \Phi_{10}^{6}\ \Phi_{5}^{7}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
35800	798	40	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{40}^{23}\ \Phi_{20}^{17}\ \Phi_{10}^{17}\ \Phi_{8}^{22}\ \Phi_{5}^{18}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
35801	798	715	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{715}\ \Phi_{143}^{2}\ \Phi_{65}\ \Phi_{13}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
35802	798	720	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}^{2}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
35803	798	184	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{11}{46}$	$\frac{35}{92}$	$\Phi_{184}^{5}\ \Phi_{92}^{3}\ \Phi_{46}^{5}\ \Phi_{23}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
35804	798	1920	$\frac{1}{80}$	$\frac{79}{320}$	$\frac{1}{3}$	$\frac{241}{640}$	$\Phi_{1920}\ \Phi_{384}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
35805	798	1032	$\frac{1}{43}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1032}\ \Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}$
35806	798	1290	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1290}\ \Phi_{430}\ \Phi_{258}\ \Phi_{215}\ \Phi_{86}$
35807	798	797	$\frac{27}{797}$	$\frac{110}{797}$	$\frac{229}{797}$	$\frac{284}{797}$	$\Phi_{797}\ \Phi_{1}^{2}$
35808	798	860	$\frac{1}{20}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{860}\ \Phi_{430}\ \Phi_{215}\ \Phi_{172}\ \Phi_{86}$
35809	798	797	$\frac{38}{797}$	$\frac{75}{797}$	$\frac{253}{797}$	$\frac{272}{797}$	$\Phi_{797}\ \Phi_{1}^{2}$
35810	798	920	$\frac{4}{115}$	$\frac{1}{8}$	$\frac{37}{115}$	$\frac{39}{115}$	$\Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
35811	798	600	$\frac{1}{100}$	$\frac{33}{100}$	$\frac{1}{3}$	$\frac{67}{200}$	$\Phi_{600}^{3}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}^{3}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^{3}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
35812	798	540	$\frac{2}{135}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{180}^{2}\ \Phi_{108}^{2}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{6}$
35813	798	522	$\frac{1}{58}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{522}^{2}\ \Phi_{261}^{2}\ \Phi_{174}\ \Phi_{87}\ \Phi_{18}^{2}\ \Phi_{6}$
35814	798	462	$\frac{1}{22}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{462}^{2}\ \Phi_{231}^{2}\ \Phi_{154}^{2}\ \Phi_{77}^{2}\ \Phi_{66}\ \Phi_{42}^{2}\ \Phi_{33}\ \Phi_{14}^{2}\ \Phi_{6}$
35815	798	396	$\frac{1}{66}$	$\frac{1}{4}$	$\frac{65}{198}$	$\frac{1}{3}$	$\Phi_{396}^{4}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{36}^{4}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{6}$
35816	798	1017	$\frac{2}{113}$	$\frac{2}{9}$	$\frac{37}{113}$	$\frac{1}{3}$	$\Phi_{1017}\ \Phi_{113}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
35817	798	480	$\frac{1}{40}$	$\frac{27}{160}$	$\frac{13}{40}$	$\frac{1}{3}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{120}\ \Phi_{96}^{3}\ \Phi_{60}\ \Phi_{48}^{3}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
35818	798	168	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{9}{28}$	$\frac{1}{3}$	$\Phi_{168}^{8}\ \Phi_{84}^{6}\ \Phi_{42}^{6}\ \Phi_{24}^{9}\ \Phi_{21}^{6}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
35819	798	150	$\frac{1}{25}$	$\frac{17}{150}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{150}^{6}\ \Phi_{75}^{4}\ \Phi_{50}^{6}\ \Phi_{30}^{6}\ \Phi_{25}^{6}\ \Phi_{15}^{4}\ \Phi_{10}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
35820	798	1200	$\frac{19}{400}$	$\frac{39}{400}$	$\frac{127}{400}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
35821	798	861	$\frac{2}{41}$	$\frac{2}{21}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{861}\ \Phi_{287}\ \Phi_{41}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
35822	798	144	$\frac{1}{16}$	$\frac{11}{144}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{144}^{6}\ \Phi_{72}^{6}\ \Phi_{48}^{4}\ \Phi_{36}^{6}\ \Phi_{24}^{4}\ \Phi_{18}^{6}\ \Phi_{16}^{6}\ \Phi_{12}^{4}\ \Phi_{9}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
35823	798	192	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{59}{192}$	$\frac{1}{3}$	$\Phi_{192}^{3}\ \Phi_{96}^{3}\ \Phi_{64}^{6}\ \Phi_{48}^{4}\ \Phi_{32}^{6}\ \Phi_{24}^{4}\ \Phi_{16}^{6}\ \Phi_{12}^{4}\ \Phi_{8}^{6}\ \Phi_{6}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
35824	798	60	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{60}^{21}\ \Phi_{30}^{19}\ \Phi_{15}^{19}\ \Phi_{12}^{21}\ \Phi_{6}^{19}\ \Phi_{3}^{18}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
35825	798	594	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{66}\ \Phi_{54}^2\ \Phi_{33}\ \Phi_6$
35826	798	240	$\frac{3}{80}$	$\frac{11}{80}$	$\frac{23}{80}$	$\frac{1}{3}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{60}^5\ \Phi_{48}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
35827	798	408	$\frac{3}{136}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{408}^3\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
35828	798	528	$\frac{1}{44}$	$\frac{43}{176}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
35829	798	468	$\frac{1}{39}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{36}^2\ \Phi_{26}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
35830	798	660	$\frac{1}{33}$	$\frac{32}{165}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
35831	798	276	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{276}^4\ \Phi_{138}^2\ \Phi_{92}^4\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{12}\ \Phi_6$
35832	798	132	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^{12}\ \Phi_{66}^6\ \Phi_{33}^6\ \Phi_{12}^{13}\ \Phi_6^7\ \Phi_3^6$
35833	798	120	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^{12}\ \Phi_{60}^9\ \Phi_{30}^9\ \Phi_{24}^9\ \Phi_{15}^9\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
35834	798	1188	$\frac{2}{33}$	$\frac{31}{297}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{198}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
35835	798	420	$\frac{1}{15}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{84}^2\ \Phi_{70}^3\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
35836	798	1320	$\frac{3}{44}$	$\frac{41}{440}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
35837	798	1716	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{156}\ \Phi_{78}\ \Phi_{12}\ \Phi_6$
35838	798	144	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{144}^6\ \Phi_{72}^6\ \Phi_{48}^6\ \Phi_{36}^6\ \Phi_{24}^6\ \Phi_{18}^6\ \Phi_{16}^6\ \Phi_{12}\ \Phi_9^6\ \Phi_8^6\ \Phi_6$
35839	798	192	$\frac{1}{16}$	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{192}^6\ \Phi_{96}^6\ \Phi_{48}^7\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
35840	798	1560	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{121}{520}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{312}\ \Phi_{156}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
35841	798	1017	$\frac{5}{113}$	$\frac{18}{113}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1017}\ \Phi_{113}\ \Phi_9^2\ \Phi_1^2$
35842	798	990	$\frac{1}{22}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}\ \Phi_{10}\ \Phi_6$
35843	798	1260	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{140}\ \Phi_{126}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
35844	798	1536	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{113}{512}$	$\frac{1}{3}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
35845	798	264	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{264}^4\ \Phi_{132}^4\ \Phi_{88}^4\ \Phi_{66}\ \Phi_{44}^4\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2$
35846	798	1500	$\frac{1}{25}$	$\frac{24}{125}$	$\frac{101}{500}$	$\frac{1}{3}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
35847	798	300	$\frac{1}{20}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{300}^5\ \Phi_{150}^5\ \Phi_{75}^4\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
35848	798	840	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{70}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
35849	798	480	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{27}{160}$	$\frac{1}{3}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{120}^3\ \Phi_{60}^3\ \Phi_{48}\ \Phi_{30}^3\ \Phi_{24}\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
35850	798	861	$\frac{2}{21}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{3}$	$\Phi_{861}\ \Phi_{287}\ \Phi_{41}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
35851	798	168	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{56}^6\ \Phi_{42}^5\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_2^6$
35852	798	192	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{192}^7\ \Phi_{96}^7\ \Phi_{48}^7\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
35853	798	1107	$\frac{2}{41}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{13}{41}$	$\Phi_{1107}\ \Phi_{41}\ \Phi_{27}^2\ \Phi_1^2$
35854	798	984	$\frac{2}{41}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{13}{41}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{328}\ \Phi_{164}\ \Phi_{41}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
35855	798	440	$\frac{4}{55}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{17}{55}$	$\Phi_{440}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{40}^3\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
35856	798	540	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{108}^2\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
35857	798	1107	$\frac{1}{9}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{8}{27}$	$\Phi_{1107}\ \Phi_{41}\ \Phi_{27}^2\ \Phi_1^2$
35858	798	1512	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{8}{27}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
35859	798	120	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{120}^9\ \Phi_{60}^4\ \Phi_{40}^9\ \Phi_{30}^7\ \Phi_{24}^6\ \Phi_{20}^4\ \Phi_{15}^6\ \Phi_{12}^3\ \Phi_{10}^7\ \Phi_8^6\ \Phi_6^5\ \Phi_5^6\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
35860	798	184	$\frac{1}{8}$	$\frac{3}{23}$	$\frac{4}{23}$	$\frac{5}{23}$	$\Phi_{184}^5\ \Phi_{92}^5\ \Phi_{46}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4$
35861	798	984	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{328}\ \Phi_{164}\ \Phi_{41}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
35862	798	168	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{56}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{14}^7\ \Phi_7^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
35863	799	1068	$\frac{2}{267}$	$\frac{269}{1068}$	$\frac{1}{3}$	$\frac{265}{534}$	$\Phi_{1068}\ \Phi_{356}\ \Phi_{267}\ \Phi_{89}\ \Phi_{12}\ \Phi_4\ \Phi_1$
35864	799	1368	$\frac{1}{114}$	$\frac{115}{684}$	$\frac{569}{1368}$	$\frac{113}{228}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{76}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
35865	799	1584	$\frac{7}{792}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{785}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
35866	799	1584	$\frac{7}{792}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{785}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_9\ \Phi_1$
35867	799	1568	$\frac{15}{784}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{769}{1568}$	$\Phi_{1568}\ \Phi_{224}\ \Phi_{32}\ \Phi_{28}\ \Phi_4\ \Phi_1$
35868	799	736	$\frac{1}{46}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{45}{92}$	$\Phi_{736}^2\ \Phi_{92}\ \Phi_{32}^3\ \Phi_4\ \Phi_1$
35869	799	552	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{45}{92}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}\ \Phi_{69}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
35870	799	460	$\frac{1}{46}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{45}{92}$	$\Phi_{460}^2\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{92}\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
35871	799	1512	$\frac{1}{42}$	$\frac{43}{756}$	$\frac{713}{1512}$	$\frac{41}{84}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{168}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
35872	799	1008	$\frac{1}{42}$	$\frac{43}{252}$	$\frac{209}{1008}$	$\frac{41}{84}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{28}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
35873	799	1520	$\frac{1}{38}$	$\frac{39}{760}$	$\frac{721}{1520}$	$\frac{37}{76}$	$\Phi_{1520}\ \Phi_{304}\ \Phi_{80}\ \Phi_{76}\ \Phi_{16}\ \Phi_4\ \Phi_1$
35874	799	1140	$\frac{1}{38}$	$\frac{39}{380}$	$\frac{341}{1140}$	$\frac{37}{76}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{285}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
35875	799	912	$\frac{1}{38}$	$\frac{113}{912}$	$\frac{39}{152}$	$\frac{37}{76}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
35876	799	966	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{167}{966}$	$\frac{155}{322}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{161}\ \Phi_{138}\ \Phi_{69}\ \Phi_{42}\ \Phi_{23}\ \Phi_{21}\ \Phi_6\ \Phi_3\ \Phi_1$
35877	799	1540	$\frac{29}{770}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{741}{1540}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}\ \Phi_{44}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
35878	799	90	$\frac{2}{45}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{90}^8\ \Phi_{45}^9\ \Phi_{30}^8\ \Phi_{18}^{10}\ \Phi_{15}^9\ \Phi_{10}^8\ \Phi_9^{11}\ \Phi_6^{10}\ \Phi_5^9\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
35879	799	57	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{57}^{17}\ \Phi_{19}^8\ \Phi_3^{17}\ \Phi_1^9$
35880	799	1512	$\frac{1}{21}$	$\frac{43}{756}$	$\frac{20}{63}$	$\frac{713}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{168}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
35881	799	2208	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{22}{69}$	$\frac{15}{32}$	$\Phi_{2208}\ \Phi_{96}\ \Phi_{69}\ \Phi_{32}\ \Phi_3\ \Phi_1$
35882	799	576	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{576}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{64}\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
35883	799	792	$\frac{1}{18}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{792}^2\ \Phi_{264}^2\ \Phi_{88}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
35884	799	1176	$\frac{15}{392}$	$\frac{1}{14}$	$\frac{377}{1176}$	$\frac{13}{28}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
35885	799	840	$\frac{41}{840}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
35886	799	980	$\frac{1}{14}$	$\frac{15}{196}$	$\frac{181}{980}$	$\frac{13}{28}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
35887	799	896	$\frac{1}{14}$	$\frac{97}{896}$	$\frac{15}{112}$	$\frac{13}{28}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{28}\ \Phi_4\ \Phi_1$
35888	799	1092	$\frac{1}{21}$	$\frac{20}{273}$	$\frac{293}{1092}$	$\frac{253}{546}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{273}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{52}\ \Phi_{39}\ \Phi_{28}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
35889	799	84	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{4}{21}$	$\frac{37}{84}$	$\Phi_{84}^{17}\ \Phi_{28}^{17}\ \Phi_{21}^4\ \Phi_{12}^{17}\ \Phi_7^4\ \Phi_4^{17}\ \Phi_3^4\ \Phi_1^5$
35890	799	252	$\frac{1}{18}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{252}^6\ \Phi_{84}^5\ \Phi_{36}^6\ \Phi_{28}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
35891	799	240	$\frac{1}{48}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^5\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{24}^5\ \Phi_{20}^3\ \Phi_{16}^5\ \Phi_{15}^3\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_8^5\ \Phi_6^4\ \Phi_5^3\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
35892	799	147	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{147}^7\ \Phi_{49}^3\ \Phi_{21}^5\ \Phi_7^2\ \Phi_3^5\ \Phi_1^3$
35893	799	1188	$\frac{7}{396}$	$\frac{1}{6}$	$\frac{389}{1188}$	$\frac{5}{12}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
35894	799	48	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{48}^{17}\ \Phi_{24}^{16}\ \Phi_{16}^{17}\ \Phi_{12}^{17}\ \Phi_8^{16}\ \Phi_6^{16}\ \Phi_4^{17}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
35895	799	1056	$\frac{7}{264}$	$\frac{1}{6}$	$\frac{257}{1056}$	$\frac{5}{12}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{176}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
35896	799	828	$\frac{29}{828}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_{12}\ \Phi_4\ \Phi_1$
35897	799	924	$\frac{7}{132}$	$\frac{125}{924}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{84}\ \Phi_{77}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
35898	799	864	$\frac{65}{864}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
35899	799	1368	$\frac{1}{57}$	$\frac{115}{684}$	$\frac{56}{171}$	$\frac{569}{1368}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{171}\ \Phi_{152}\ \Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
35900	799	840	$\frac{41}{840}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
35901	799	720	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{80}\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
35902	799	1344	$\frac{1}{42}$	$\frac{127}{672}$	$\frac{41}{168}$	$\frac{545}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{168}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
35903	799	1140	$\frac{1}{57}$	$\frac{56}{285}$	$\frac{341}{1140}$	$\frac{229}{570}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
35904	799	196	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{196}^7\ \Phi_{49}^3\ \Phi_{28}^5\ \Phi_7^2\ \Phi_4^5\ \Phi_1^3$
35905	799	810	$\frac{11}{810}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{90}\ \Phi_{81}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
35906	799	76	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{9}{38}$	$\frac{29}{76}$	$\Phi_{76}^{17}\ \Phi_{19}^8\ \Phi_4^{17}\ \Phi_1^9$
35907	799	1288	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{155}{644}$	$\frac{489}{1288}$	$\Phi_{1288}\ \Phi_{184}\ \Phi_{161}\ \Phi_{56}\ \Phi_{23}\ \Phi_8\ \Phi_1$
35908	799	1008	$\frac{1}{42}$	$\frac{209}{1008}$	$\frac{41}{168}$	$\frac{127}{336}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
35909	799	1260	$\frac{1}{42}$	$\frac{41}{210}$	$\frac{169}{630}$	$\frac{461}{1260}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
35910	799	72	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{72}^{17}\ \Phi_{36}^6\ \Phi_{24}^{17}\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^{17}\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
35911	799	882	$\frac{1}{21}$	$\frac{83}{882}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{882}\ \Phi_{441}\ \Phi_{294}\ \Phi_{147}\ \Phi_{98}\ \Phi_{63}\ \Phi_{49}\ \Phi_9\ \Phi_1$
35912	799	1026	$\frac{1}{57}$	$\frac{227}{1026}$	$\frac{56}{171}$	$\frac{115}{342}$	$\Phi_{1026}\ \Phi_{513}\ \Phi_{171}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
35913	799	1188	$\frac{7}{396}$	$\frac{2}{9}$	$\frac{389}{1188}$	$\frac{1}{3}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
35914	799	828	$\frac{29}{828}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_9\ \Phi_1$
35915	799	990	$\frac{7}{198}$	$\frac{191}{990}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
35916	799	54	$\frac{1}{18}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{54}^{17}\ \Phi_{27}^{17}\ \Phi_{18}^{10}\ \Phi_9^{11}\ \Phi_6^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
35917	799	891	$\frac{7}{99}$	$\frac{92}{891}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{891}\ \Phi_{297}\ \Phi_{81}\ \Phi_{27}\ \Phi_9\ \Phi_1$
35918	799	864	$\frac{65}{864}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_9\ \Phi_1$
35919	799	180	$\frac{1}{18}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{180}^6\ \Phi_{90}^3\ \Phi_{60}^5\ \Phi_{45}^3\ \Phi_{36}^6\ \Phi_{30}^2\ \Phi_{20}^5\ \Phi_{18}^5\ \Phi_{15}^3\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_9^5\ \Phi_6^4\ \Phi_5^3\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
35920	799	552	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{22}{69}$	$\Phi_{552}\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{24}^2\ \Phi_{23}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
35921	799	1380	$\frac{1}{23}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{22}{69}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{69}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$
35922	799	1134	$\frac{1}{21}$	$\frac{43}{378}$	$\frac{335}{1134}$	$\frac{20}{63}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{162}\ \Phi_{81}\ \Phi_{63}\ \Phi_9\ \Phi_1$
35923	799	945	$\frac{1}{21}$	$\frac{146}{945}$	$\frac{43}{189}$	$\frac{20}{63}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
35924	799	1008	$\frac{1}{21}$	$\frac{43}{252}$	$\frac{209}{1008}$	$\frac{20}{63}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
35925	799	1155	$\frac{29}{385}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{356}{1155}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{35}\ \Phi_{33}\ \Phi_{21}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1$
35926	799	63	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{5}{21}$	$\frac{16}{63}$	$\Phi_{63}^{17}\ \Phi_{21}^4\ \Phi_9^{17}\ \Phi_7^4\ \Phi_3^4\ \Phi_1^5$
35927	800	597	$\frac{1}{199}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{99}{199}$	$\Phi_{597}\ \Phi_{199}^2\ \Phi_3^2\ \Phi_1^4$
35928	800	799	$\frac{5}{799}$	$\frac{201}{799}$	$\frac{299}{799}$	$\frac{397}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_1^2$
35929	800	1272	$\frac{1}{159}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{79}{159}$	$\Phi_{1272}\ \Phi_{424}\ \Phi_{159}\ \Phi_{53}\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
35930	800	1203	$\frac{3}{401}$	$\frac{101}{401}$	$\frac{1}{3}$	$\frac{199}{401}$	Φ_{1203}
35931	800	693	$\frac{1}{99}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{49}{99}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{99}^2\ \Phi_{77}\ \Phi_{63}\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
35932	800	495	$\frac{1}{99}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{49}{99}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{15}^3\ \Phi_5^2$
35933	800	799	$\frac{9}{799}$	$\frac{101}{799}$	$\frac{349}{799}$	$\frac{395}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_1^2$
35934	800	711	$\frac{1}{79}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{39}{79}$	$\Phi_{711}\ \Phi_{237}\ \Phi_{79}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
35935	800	474	$\frac{1}{79}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{39}{79}$	$\Phi_{474}^2\ \Phi_{237}\ \Phi_{158}^2\ \Phi_{79}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
35936	800	799	$\frac{11}{799}$	$\frac{81}{799}$	$\frac{359}{799}$	$\frac{394}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_1^2$
35937	800	335	$\frac{1}{67}$	$\frac{1}{5}$	$\frac{17}{67}$	$\frac{33}{67}$	$\Phi_{335}^3\ \Phi_5^2$
35938	800	799	$\frac{13}{799}$	$\frac{149}{799}$	$\frac{203}{799}$	$\frac{393}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_1^2$
35939	800	1203	$\frac{7}{401}$	$\frac{51}{401}$	$\frac{1}{3}$	$\frac{197}{401}$	Φ_{1203}
35940	800	966	$\frac{3}{161}$	$\frac{1}{6}$	$\frac{41}{161}$	$\frac{79}{161}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{322}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
35941	800	735	$\frac{1}{49}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{24}{49}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
35942	800	441	$\frac{1}{49}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{441}^2\ \Phi_{147}\ \Phi_{63}^2\ \Phi_{49}^2\ \Phi_{21}\ \Phi_9^4\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
35943	800	245	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{24}{49}$	$\Phi_{245}^3\ \Phi_{49}^4\ \Phi_{35}^3\ \Phi_7^4\ \Phi_5^6\ \Phi_1^8$
35944	800	47	$\frac{1}{47}$	$\frac{3}{47}$	$\frac{22}{47}$	$\frac{23}{47}$	$\Phi_{47}^{17}\ \Phi_1^{18}$
35945	800	141	$\frac{1}{47}$	$\frac{6}{47}$	$\frac{41}{141}$	$\frac{23}{47}$	$\Phi_{141}^8\ \Phi_{47}\ \Phi_3^8\ \Phi_1^2$
35946	800	47	$\frac{1}{47}$	$\frac{7}{47}$	$\frac{12}{47}$	$\frac{23}{47}$	$\Phi_{47}^{17}\ \Phi_1^{18}$
35947	800	1203	$\frac{9}{401}$	$\frac{41}{401}$	$\frac{1}{3}$	$\frac{196}{401}$	Φ_{1203}
35948	800	391	$\frac{9}{391}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{191}{391}$	$\Phi_{391}^2\ \Phi_{23}^2\ \Phi_{17}^3\ \Phi_1^4$
35949	800	741	$\frac{1}{39}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{19}{39}$	$\Phi_{741}\ \Phi_{247}\ \Phi_{57}\ \Phi_{39}^2\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
35950	800	429	$\frac{1}{39}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{429}^2\ \Phi_{143}^2\ \Phi_{33}^3\ \Phi_{11}^2$
35951	800	741	$\frac{1}{39}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{19}{39}$	$\Phi_{741}\ \Phi_{247}\ \Phi_{57}\ \Phi_{39}^2\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
35952	800	390	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{19}{39}$	$\Phi_{390}^3\ \Phi_{195}^2\ \Phi_{130}^3\ \Phi_{65}^2\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
35953	800	799	$\frac{21}{799}$	$\frac{41}{799}$	$\frac{379}{799}$	$\frac{389}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_1^2$
35954	800	909	$\frac{3}{101}$	$\frac{1}{9}$	$\frac{26}{101}$	$\frac{49}{101}$	$\Phi_{909}\ \Phi_{303}$
35955	800	799	$\frac{25}{799}$	$\frac{103}{799}$	$\frac{174}{799}$	$\frac{387}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_1^2$
35956	800	1488	$\frac{1}{31}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{15}{31}$	$\Phi_{1488}\ \Phi_{496}\ \Phi_{48}^2\ \Phi_{31}\ \Phi_{16}^2\ \Phi_1^2$
35957	800	837	$\frac{1}{31}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{837}\ \Phi_{279}\ \Phi_{31}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_1^2$
35958	800	1116	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{15}{31}$	$\Phi_{1116}\ \Phi_{558}\ \Phi_{279}\ \Phi_{36}^2\ \Phi_{31}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
35959	800	868	$\frac{1}{31}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{868}\ \Phi_{434}\ \Phi_{217}\ \Phi_{31}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
35960	800	992	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{15}{31}$	$\Phi_{992}\ \Phi_{496}\ \Phi_{32}^2\ \Phi_{31}\ \Phi_{16}^2\ \Phi_1^2$
35961	800	186	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{15}{31}$	$\Phi_{186}^4\ \Phi_{93}^4\ \Phi_{62}^4\ \Phi_{31}^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
35962	800	1005	$\frac{7}{201}$	$\frac{26}{201}$	$\frac{1}{5}$	$\frac{97}{201}$	$\Phi_{1005}\ \Phi_{335}\ \Phi_{15}$
35963	800	799	$\frac{29}{799}$	$\frac{74}{799}$	$\frac{207}{799}$	$\frac{385}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_1^2$
35964	800	297	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{297}^3\ \Phi_{99}^3\ \Phi_{33}^3\ \Phi_{11}^2$
35965	800	1203	$\frac{15}{401}$	$\frac{26}{401}$	$\frac{1}{3}$	$\frac{193}{401}$	Φ_{1203}
35966	800	799	$\frac{31}{799}$	$\frac{83}{799}$	$\frac{179}{799}$	$\frac{384}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_1^2$
35967	800	462	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{37}{77}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{66}^2\ \Phi_{42}^3\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
35968	800	799	$\frac{33}{799}$	$\frac{104}{799}$	$\frac{139}{799}$	$\frac{383}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_1^2$
35969	800	816	$\frac{1}{24}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{816}^2\ \Phi_{272}^2\ \Phi_{51}$
35970	800	1488	$\frac{1}{24}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{23}{48}$	$\Phi_{1488}\ \Phi_{496}\ \Phi_{48}^2\ \Phi_{31}\ \Phi_{16}^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
35971	800	720	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{720}^3\ \Phi_{240}^2\ \Phi_{80}^2\ \Phi_{45}\ \Phi_{15}$
35972	800	138	$\frac{1}{23}$	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{11}{23}$	$\Phi_{138}^7\ \Phi_{69}^7\ \Phi_{46}^7\ \Phi_{6}^6\ \Phi_{3}^6\ \Phi_{2}^6$
35973	800	335	$\frac{3}{67}$	$\frac{7}{67}$	$\frac{1}{5}$	$\frac{32}{67}$	$\Phi_{335}^3\ \Phi_{5}^2$
35974	800	153	$\frac{7}{153}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{73}{153}$	$\Phi_{153}^5\ \Phi_{51}^6\ \Phi_{17}^5\ \Phi_{9}^5\ \Phi_{3}^6\ \Phi_{1}^6$
35975	800	153	$\frac{7}{153}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{73}{153}$	$\Phi_{153}^5\ \Phi_{51}^5\ \Phi_{17}^7\ \Phi_{9}^5\ \Phi_{3}^5\ \Phi_{1}^8$
35976	800	799	$\frac{37}{799}$	$\frac{59}{799}$	$\frac{209}{799}$	$\frac{381}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_{1}^2$
35977	800	1203	$\frac{19}{401}$	$\frac{21}{401}$	$\frac{1}{3}$	$\frac{191}{401}$	Φ_{1203}
35978	800	799	$\frac{41}{799}$	$\frac{84}{799}$	$\frac{143}{799}$	$\frac{379}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_{1}^2$
35979	800	399	$\frac{1}{21}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{399}^2\ \Phi_{133}^2\ \Phi_{57}\ \Phi_{21}^4\ \Phi_{19}^2\ \Phi_{7}^4\ \Phi_{3}^2\ \Phi_{1}^4$
35980	800	247	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{9}{19}$	$\Phi_{247}^3\ \Phi_{19}^4\ \Phi_{13}^6\ \Phi_{1}^8$
35981	800	1045	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{1045}\ \Phi_{55}^2$
35982	800	741	$\frac{1}{19}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{9}{19}$	$\Phi_{741}\ \Phi_{247}\ \Phi_{57}\ \Phi_{39}^2\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_{3}^2\ \Phi_{1}^4$
35983	800	342	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{342}^3\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{18}^6\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
35984	800	966	$\frac{9}{161}$	$\frac{17}{161}$	$\frac{1}{6}$	$\frac{76}{161}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{322}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
35985	800	34	$\frac{1}{17}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{34}^{32}\ \Phi_{17}^{15}\ \Phi_{2}^{32}\ \Phi_{1}^{16}$
35986	800	47	$\frac{3}{47}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{22}{47}$	$\Phi_{47}^{17}\ \Phi_{1}^{18}$
35987	800	390	$\frac{1}{26}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{78}^3\ \Phi_{65}^2\ \Phi_{39}^3\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_{6}^3\ \Phi_{2}^2$
35988	800	735	$\frac{1}{15}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{7}{15}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
35989	800	330	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{330}^3\ \Phi_{165}^2\ \Phi_{110}^3\ \Phi_{66}^4\ \Phi_{55}^2\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{11}^2$
35990	800	420	$\frac{1}{15}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{28}^4\ \Phi_{21}$ $\Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
35991	800	187	$\frac{1}{17}$	$\frac{13}{187}$	$\frac{4}{17}$	$\frac{87}{187}$	$\Phi_{187}^4\ \Phi_{17}^7\ \Phi_{11}^4\ \Phi_{1}^8$
35992	800	861	$\frac{1}{21}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{861}\ \Phi_{287}\ \Phi_{123}$
35993	800	799	$\frac{43}{799}$	$\frac{61}{799}$	$\frac{189}{799}$	$\frac{369}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_{1}^2$
35994	800	799	$\frac{54}{799}$	$\frac{65}{799}$	$\frac{149}{799}$	$\frac{367}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_{1}^2$
35995	800	891	$\frac{7}{81}$	$\frac{1}{11}$	$\frac{11}{81}$	$\frac{37}{81}$	$\Phi_{891}\ \Phi_{297}\ \Phi_{99}\ \Phi_{33}$
35996	800	799	$\frac{71}{799}$	$\frac{87}{799}$	$\frac{89}{799}$	$\frac{364}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_{1}^2$
35997	800	909	$\frac{9}{101}$	$\frac{11}{101}$	$\frac{1}{9}$	$\frac{46}{101}$	$\Phi_{909}\ \Phi_{303}$
35998	800	286	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{286}^3\ \Phi_{143}^3\ \Phi_{26}^2\ \Phi_{22}^3\ \Phi_{13}^2\ \Phi_{2}^2$
35999	800	799	$\frac{69}{799}$	$\frac{73}{799}$	$\frac{109}{799}$	$\frac{363}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_{1}^2$
36000	800	966	$\frac{11}{161}$	$\frac{15}{161}$	$\frac{1}{6}$	$\frac{73}{161}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{322}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
36001	800	1005	$\frac{11}{201}$	$\frac{19}{201}$	$\frac{1}{5}$	$\frac{91}{201}$	$\Phi_{1005}\ \Phi_{335}\ \Phi_{15}$
36002	800	799	$\frac{29}{799}$	$\frac{77}{799}$	$\frac{219}{799}$	$\frac{361}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_{1}^2$
36003	800	1203	$\frac{11}{401}$	$\frac{39}{401}$	$\frac{1}{3}$	$\frac{181}{401}$	Φ_{1203}
36004	800	799	$\frac{44}{799}$	$\frac{81}{799}$	$\frac{151}{799}$	$\frac{359}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_{1}^2$
36005	800	369	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{369}^2\ \Phi_{123}^3\ \Phi_{41}^2$
36006	800	711	$\frac{3}{79}$	$\frac{1}{9}$	$\frac{19}{79}$	$\frac{4}{9}$	$\Phi_{711}\ \Phi_{237}\ \Phi_{79}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
36007	800	315	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{315}^3\ \Phi_{105}^4\ \Phi_{45}^2\ \Phi_{35}^4\ \Phi_{15}^3\ \Phi_{5}^2$
36008	800	711	$\frac{4}{79}$	$\frac{1}{9}$	$\frac{15}{79}$	$\frac{4}{9}$	$\Phi_{711}\ \Phi_{237}\ \Phi_{79}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
36009	800	306	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{306}^3\ \Phi_{153}^2\ \Phi_{102}^4\ \Phi_{51}^3\ \Phi_{34}^4\ \Phi_{17}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
36010	800	711	$\frac{7}{79}$	$\frac{1}{9}$	$\frac{9}{79}$	$\frac{4}{9}$	$\Phi_{711}\ \Phi_{237}\ \Phi_{79}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
36011	800	99	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{99}^9\ \Phi_{33}^9\ \Phi_{11}^8$
36012	800	799	$\frac{71}{799}$	$\frac{89}{799}$	$\frac{91}{799}$	$\frac{354}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_1^2$
36013	800	966	$\frac{9}{161}$	$\frac{19}{161}$	$\frac{1}{6}$	$\frac{71}{161}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{322}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
36014	800	357	$\frac{1}{17}$	$\frac{43}{357}$	$\frac{8}{51}$	$\frac{157}{357}$	$\Phi_{357}^2\ \Phi_{119}^2\ \Phi_{51}^4\ \Phi_{21}^2\ \Phi_{17}^3\ \Phi_7^2\ \Phi_3^4\ \Phi_1^4$
36015	800	799	$\frac{23}{799}$	$\frac{97}{799}$	$\frac{224}{799}$	$\frac{351}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_1^2$
36016	800	1203	$\frac{9}{401}$	$\frac{49}{401}$	$\frac{1}{3}$	$\frac{176}{401}$	Φ_{1203}
36017	800	141	$\frac{1}{47}$	$\frac{19}{141}$	$\frac{46}{141}$	$\frac{61}{141}$	$\Phi_{141}^6\ \Phi_{47}^5\ \Phi_3^6\ \Phi_1^6$
36018	800	141	$\frac{2}{47}$	$\frac{19}{141}$	$\frac{9}{47}$	$\frac{61}{141}$	$\Phi_{141}^5\ \Phi_{47}^7\ \Phi_3^5\ \Phi_1^8$
36019	800	357	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{357}^2\ \Phi_{119}^2\ \Phi_{51}^4\ \Phi_{21}\ \Phi_{17}^4\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
36020	800	287	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{287}^3\ \Phi_{41}^2$
36021	800	231	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{8}{33}$	$\frac{3}{7}$	$\Phi_{231}^3\ \Phi_{77}^3\ \Phi_{33}^6\ \Phi_{21}^3\ \Phi_{11}^6\ \Phi_7^4\ \Phi_3^6\ \Phi_1^8$
36022	800	910	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{910}\ \Phi_{455}\ \Phi_{130}^2\ \Phi_{70}\ \Phi_{65}^2\ \Phi_{10}^2$
36023	800	693	$\frac{4}{99}$	$\frac{1}{7}$	$\frac{19}{99}$	$\frac{3}{7}$	$\Phi_{693}\ \Phi_{231}\ \Phi_{99}^2\ \Phi_{77}\ \Phi_{63}\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
36024	800	42	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{42}^{23}\ \Phi_{21}^{15}\ \Phi_{14}^{23}\ \Phi_7^{16}\ \Phi_6^{22}\ \Phi_3^{14}\ \Phi_2^{22}\ \Phi_1^{16}$
36025	800	189	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{189}^4\ \Phi_{63}^3\ \Phi_{27}^8\ \Phi_{21}^3\ \Phi_9^6\ \Phi_7^4\ \Phi_3^6\ \Phi_1^8$
36026	800	77	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{77}^9\ \Phi_{11}^{18}\ \Phi_7^{10}\ \Phi_1^{20}$
36027	800	799	$\frac{23}{799}$	$\frac{121}{799}$	$\frac{194}{799}$	$\frac{339}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_1^2$
36028	800	138	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{1}{6}$	$\frac{29}{69}$	$\Phi_{138}^7\ \Phi_{69}^5\ \Phi_{46}^7\ \Phi_{23}^4\ \Phi_6^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
36029	800	799	$\frac{29}{799}$	$\frac{129}{799}$	$\frac{154}{799}$	$\frac{335}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_1^2$
36030	800	141	$\frac{1}{47}$	$\frac{23}{141}$	$\frac{41}{141}$	$\frac{59}{141}$	$\Phi_{141}^6\ \Phi_{47}^5\ \Phi_3^6\ \Phi_1^6$
36031	800	861	$\frac{1}{21}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{861}\ \Phi_{287}\ \Phi_{123}$
36032	800	51	$\frac{1}{51}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{51}^{16}\ \Phi_{17}^{15}\ \Phi_3^{16}\ \Phi_1^{16}$
36033	800	17	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{17}^{47}\ \Phi_1^{48}$
36034	800	799	$\frac{59}{799}$	$\frac{74}{799}$	$\frac{145}{799}$	$\frac{327}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_1^2$
36035	800	297	$\frac{2}{27}$	$\frac{1}{11}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{297}^3\ \Phi_{99}^3\ \Phi_{33}^3\ \Phi_{11}^2$
36036	800	909	$\frac{6}{101}$	$\frac{1}{9}$	$\frac{19}{101}$	$\frac{41}{101}$	$\Phi_{909}\ \Phi_{303}$
36037	800	799	$\frac{19}{799}$	$\frac{151}{799}$	$\frac{195}{799}$	$\frac{324}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_1^2$
36038	800	799	$\frac{44}{799}$	$\frac{95}{799}$	$\frac{151}{799}$	$\frac{324}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_1^2$
36039	800	47	$\frac{2}{47}$	$\frac{7}{47}$	$\frac{9}{47}$	$\frac{19}{47}$	$\Phi_{47}^{17}\ \Phi_1^{18}$
36040	800	966	$\frac{6}{161}$	$\frac{1}{6}$	$\frac{31}{161}$	$\frac{65}{161}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{322}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
36041	800	335	$\frac{2}{67}$	$\frac{13}{67}$	$\frac{1}{5}$	$\frac{27}{67}$	$\Phi_{335}^3\ \Phi_5^2$
36042	800	799	$\frac{14}{799}$	$\frac{157}{799}$	$\frac{239}{799}$	$\frac{321}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_1^2$
36043	800	1203	$\frac{6}{401}$	$\frac{79}{401}$	$\frac{1}{3}$	$\frac{161}{401}$	Φ_{1203}
36044	800	799	$\frac{24}{799}$	$\frac{155}{799}$	$\frac{161}{799}$	$\frac{319}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_1^2$
36045	800	858	$\frac{1}{26}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{858}\ \Phi_{429}\ \Phi_{286}\ \Phi_{143}\ \Phi_{78}\ \Phi_{66}\ \Phi_{39}\ \Phi_{22}\ \Phi_6$
36046	800	861	$\frac{1}{21}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{861}\ \Phi_{287}\ \Phi_{123}$
36047	800	799	$\frac{49}{799}$	$\frac{75}{799}$	$\frac{181}{799}$	$\frac{309}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_1^2$
36048	800	891	$\frac{5}{81}$	$\frac{1}{11}$	$\frac{19}{81}$	$\frac{31}{81}$	$\Phi_{891}\ \Phi_{297}\ \Phi_{99}\ \Phi_{33}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
36049	800	799	$\frac{35}{799}$	$\frac{99}{799}$	$\frac{191}{799}$	$\frac{304}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_{1}^{2}$
36050	800	799	$\frac{27}{799}$	$\frac{124}{799}$	$\frac{193}{799}$	$\frac{303}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_{1}^{2}$
36051	800	966	$\frac{5}{161}$	$\frac{1}{6}$	$\frac{39}{161}$	$\frac{61}{161}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{322}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
36052	800	1005	$\frac{5}{201}$	$\frac{1}{5}$	$\frac{49}{201}$	$\frac{76}{201}$	$\Phi_{1005}\ \Phi_{335}\ \Phi_{15}$
36053	800	799	$\frac{11}{799}$	$\frac{197}{799}$	$\frac{249}{799}$	$\frac{301}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_{1}^{2}$
36054	800	1203	$\frac{5}{401}$	$\frac{99}{401}$	$\frac{1}{3}$	$\frac{151}{401}$	Φ_{1203}
36055	800	648	$\frac{1}{81}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{648}^{2}\ \Phi_{216}^{2}\ \Phi_{81}^{2}\ \Phi_{72}^{2}\ \Phi_{27}^{2}\ \Phi_{24}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
36056	800	424	$\frac{1}{53}$	$\frac{13}{53}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{424}^{3}\ \Phi_{53}^{3}\ \Phi_{8}^{4}\ \Phi_{1}^{4}$
36057	800	1640	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1640}\ \Phi_{205}$
36058	800	1272	$\frac{4}{159}$	$\frac{31}{159}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1272}\ \Phi_{424}\ \Phi_{159}\ \Phi_{53}\ \Phi_{24}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
36059	800	264	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^{5}\ \Phi_{88}^{5}\ \Phi_{66}^{3}\ \Phi_{33}^{2}\ \Phi_{24}^{3}\ \Phi_{22}^{3}\ \Phi_{11}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
36060	800	1272	$\frac{7}{159}$	$\frac{19}{159}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1272}\ \Phi_{424}\ \Phi_{159}\ \Phi_{53}\ \Phi_{24}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
36061	800	504	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^{3}\ \Phi_{168}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{3}\ \Phi_{56}^{2}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
36062	800	424	$\frac{3}{53}$	$\frac{5}{53}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{424}^{3}\ \Phi_{53}^{3}\ \Phi_{8}^{4}\ \Phi_{1}^{4}$
36063	800	1496	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1496}\ \Phi_{187}$
36064	800	153	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{47}{153}$	$\frac{53}{153}$	$\Phi_{153}^{4}\ \Phi_{51}^{8}\ \Phi_{17}^{7}\ \Phi_{9}^{4}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
36065	800	303	$\frac{1}{101}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{303}^{3}\ \Phi_{101}^{2}$
36066	800	597	$\frac{3}{199}$	$\frac{49}{199}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{597}\ \Phi_{199}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
36067	800	255	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{255}^{4}\ \Phi_{85}^{4}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
36068	800	597	$\frac{4}{199}$	$\frac{39}{199}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{597}\ \Phi_{199}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
36069	800	246	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{246}^{4}\ \Phi_{123}^{3}\ \Phi_{82}^{4}\ \Phi_{41}^{2}$
36070	800	597	$\frac{7}{199}$	$\frac{24}{199}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{597}\ \Phi_{199}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
36071	800	234	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{234}^{4}\ \Phi_{117}^{4}\ \Phi_{78}^{3}\ \Phi_{39}^{3}\ \Phi_{26}^{2}\ \Phi_{18}^{4}\ \Phi_{13}^{2}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
36072	800	597	$\frac{9}{199}$	$\frac{19}{199}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{597}\ \Phi_{199}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
36073	800	231	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}^{4}\ \Phi_{77}^{4}\ \Phi_{33}^{3}\ \Phi_{11}^{2}$
36074	800	459	$\frac{1}{17}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{459}^{2}\ \Phi_{153}^{2}\ \Phi_{51}$
36075	800	1485	$\frac{2}{99}$	$\frac{1}{5}$	$\frac{97}{297}$	$\frac{1}{3}$	$\Phi_{1485}\ \Phi_{135}\ \Phi_{15}$
36076	800	1287	$\frac{2}{39}$	$\frac{1}{11}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{1287}\ \Phi_{99}\ \Phi_{33}$
36077	800	612	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{153}^{2}\ \Phi_{51}$
36078	800	1170	$\frac{1}{26}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{234}\ \Phi_{117}\ \Phi_{90}\ \Phi_{78}\ \Phi_{39}\ \Phi_{18}\ \Phi_{6}$
36079	800	1107	$\frac{1}{41}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1107}\ \Phi_{123}$
36080	800	1428	$\frac{1}{17}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{357}\ \Phi_{51}$
36081	800	165	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{8}{33}$	$\frac{1}{3}$	$\Phi_{165}^{6}\ \Phi_{55}^{6}\ \Phi_{15}^{7}\ \Phi_{5}^{6}$
36082	800	1203	$\frac{13}{401}$	$\frac{76}{401}$	$\frac{97}{401}$	$\frac{1}{3}$	Φ_{1203}
36083	800	474	$\frac{3}{79}$	$\frac{1}{6}$	$\frac{19}{79}$	$\frac{1}{3}$	$\Phi_{474}^{2}\ \Phi_{237}\ \Phi_{158}^{2}\ \Phi_{79}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
36084	800	1203	$\frac{17}{401}$	$\frac{61}{401}$	$\frac{96}{401}$	$\frac{1}{3}$	Φ_{1203}
36085	800	429	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{429}^{3}\ \Phi_{33}^{4}$
36086	800	1203	$\frac{31}{401}$	$\frac{37}{401}$	$\frac{91}{401}$	$\frac{1}{3}$	Φ_{1203}
36087	800	837	$\frac{2}{27}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{837}\ \Phi_{279}\ \Phi_{31}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
36088	800	1035	$\frac{7}{207}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{115}\ \Phi_{15}$
36089	800	1632	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{51}$
36090	800	399	$\frac{1}{21}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{399}^2\ \Phi_{133}^2\ \Phi_{57}\ \Phi_{21}^4\ \Phi_{19}^2\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
36091	800	1203	$\frac{16}{401}$	$\frac{77}{401}$	$\frac{81}{401}$	$\frac{1}{3}$	Φ_{1203}
36092	800	390	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{390}^3\ \Phi_{195}^3\ \Phi_{78}^4\ \Phi_{39}^4\ \Phi_{30}^3\ \Phi_6^4$
36093	800	495	$\frac{4}{99}$	$\frac{19}{99}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{15}^3\ \Phi_5^2$
36094	800	210	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^6\ \Phi_{105}^4\ \Phi_{70}^6\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
36095	800	1155	$\frac{2}{33}$	$\frac{31}{231}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{105}\ \Phi_{35}\ \Phi_{15}$
36096	800	135	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{135}^8\ \Phi_{45}^6\ \Phi_{15}^7\ \Phi_5^6$
36097	800	165	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{165}^9\ \Phi_{15}^{10}$
36098	800	474	$\frac{4}{79}$	$\frac{1}{6}$	$\frac{15}{79}$	$\frac{1}{3}$	$\Phi_{474}^2\ \Phi_{237}\ \Phi_{158}^2\ \Phi_{79}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
36099	800	1203	$\frac{21}{401}$	$\frac{65}{401}$	$\frac{76}{401}$	$\frac{1}{3}$	Φ_{1203}
36100	800	441	$\frac{4}{49}$	$\frac{1}{9}$	$\frac{9}{49}$	$\frac{1}{3}$	$\Phi_{441}^2\ \Phi_{147}\ \Phi_{63}^2\ \Phi_{49}^2\ \Phi_{21}\ \Phi_9^4\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
36101	800	1203	$\frac{36}{401}$	$\frac{41}{401}$	$\frac{73}{401}$	$\frac{1}{3}$	Φ_{1203}
36102	800	429	$\frac{1}{11}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{429}^2\ \Phi_{143}^2\ \Phi_{33}^3\ \Phi_{11}^2$
36103	800	1203	$\frac{33}{401}$	$\frac{46}{401}$	$\frac{71}{401}$	$\frac{1}{3}$	Φ_{1203}
36104	800	102	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{102}^8\ \Phi_{51}^9\ \Phi_{34}^8\ \Phi_{17}^8$
36105	800	474	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{474}^2\ \Phi_{237}\ \Phi_{158}^2\ \Phi_{79}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
36106	800	198	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{198}^6\ \Phi_{99}^4\ \Phi_{66}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{11}^2$
36107	800	252	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
36108	800	414	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{47}{207}$	$\frac{22}{69}$	$\Phi_{414}^3\ \Phi_{207}^2\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{18}^3\ \Phi_9^2$
36109	800	459	$\frac{1}{17}$	$\frac{59}{459}$	$\frac{35}{153}$	$\frac{16}{51}$	$\Phi_{459}^2\ \Phi_{153}\ \Phi_{51}^2\ \Phi_{27}^2\ \Phi_{17}\ \Phi_9\ \Phi_3^2\ \Phi_1^2$
36110	800	51	$\frac{1}{17}$	$\frac{7}{51}$	$\frac{11}{51}$	$\frac{16}{51}$	$\Phi_{51}^{16}\ \Phi_{17}^{15}\ \Phi_3^{16}\ \Phi_1^{16}$
36111	800	462	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{71}{231}$	$\Phi_{462}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{42}^3\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{11}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
36112	800	1116	$\frac{1}{12}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{11}{36}$	$\Phi_{1116}\ \Phi_{558}\ \Phi_{279}\ \Phi_{36}^2\ \Phi_{31}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
36113	800	180	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{180}^5\ \Phi_{90}^5\ \Phi_{60}^6\ \Phi_{45}^6\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_5^6$
36114	800	138	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{7}{23}$	$\Phi_{138}^7\ \Phi_{69}^7\ \Phi_{46}^7\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6$
36115	800	141	$\frac{5}{47}$	$\frac{6}{47}$	$\frac{7}{47}$	$\frac{41}{141}$	$\Phi_{141}^8\ \Phi_{47}\ \Phi_3^8\ \Phi_1^2$
36116	800	210	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{210}^5\ \Phi_{105}^5\ \Phi_{70}^5\ \Phi_{42}^3\ \Phi_{30}^5\ \Phi_{21}^3\ \Phi_{15}^5\ \Phi_{14}^3\ \Phi_{10}^5\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
36117	800	297	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{297}^4\ \Phi_{99}\ \Phi_{33}$
36118	800	335	$\frac{3}{67}$	$\frac{1}{5}$	$\frac{16}{67}$	$\frac{17}{67}$	$\Phi_{335}^3\ \Phi_5^2$
36119	800	868	$\frac{3}{31}$	$\frac{3}{28}$	$\frac{7}{31}$	$\frac{1}{4}$	$\Phi_{868}\ \Phi_{434}\ \Phi_{217}\ \Phi_{31}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
36120	800	1260	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{105}\ \Phi_{45}\ \Phi_{15}$
36121	800	247	$\frac{1}{13}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{3}{13}$	$\Phi_{247}^3\ \Phi_{19}^4\ \Phi_{13}^6\ \Phi_1^8$
36122	800	390	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{3}{13}$	$\Phi_{390}^3\ \Phi_{195}^3\ \Phi_{130}^3\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4$
36123	800	799	$\frac{63}{799}$	$\frac{123}{799}$	$\frac{169}{799}$	$\frac{184}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_1^2$
36124	800	966	$\frac{13}{161}$	$\frac{1}{6}$	$\frac{31}{161}$	$\frac{37}{161}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{322}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
36125	800	799	$\frac{67}{799}$	$\frac{129}{799}$	$\frac{154}{799}$	$\frac{183}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
36126	800	1005	$\frac{17}{201}$	$\frac{31}{201}$	$\frac{1}{5}$	$\frac{46}{201}$	$\Phi_{1005}\ \Phi_{335}\ \Phi_{15}$
36127	800	992	$\frac{3}{31}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{7}{31}$	$\Phi_{992}\ \Phi_{496}\ \Phi_{32}^2\ \Phi_{31}\ \Phi_{16}^2\ \Phi_1^2$
36128	800	186	$\frac{3}{31}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{7}{31}$	$\Phi_{186}^4\ \Phi_{93}^4\ \Phi_{62}^4\ \Phi_{31}^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
36129	800	799	$\frac{83}{799}$	$\frac{124}{799}$	$\frac{135}{799}$	$\frac{179}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_1^2$
36130	800	966	$\frac{17}{161}$	$\frac{25}{161}$	$\frac{1}{6}$	$\frac{36}{161}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{322}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
36131	800	1440	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{240}\ \Phi_{45}\ \Phi_{15}$
36132	800	51	$\frac{2}{17}$	$\frac{7}{51}$	$\frac{3}{17}$	$\frac{11}{51}$	$\Phi_{51}^{15}\ \Phi_{17}^{17}\ \Phi_3^{15}\ \Phi_1^{18}$
36133	800	1045	$\frac{1}{11}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{1045}\ \Phi_{55}^2$
36134	800	741	$\frac{4}{39}$	$\frac{3}{19}$	$\frac{7}{39}$	$\frac{4}{19}$	$\Phi_{741}\ \Phi_{247}\ \Phi_{57}\ \Phi_{39}^2\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
36135	800	342	$\frac{1}{9}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\Phi_{342}^3\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{18}^6\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
36136	800	891	$\frac{1}{11}$	$\frac{13}{81}$	$\frac{16}{81}$	$\frac{17}{81}$	$\Phi_{891}\ \Phi_{297}\ \Phi_{99}\ \Phi_{33}$
36137	800	799	$\frac{79}{799}$	$\frac{131}{799}$	$\frac{144}{799}$	$\frac{167}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_1^2$
36138	800	909	$\frac{1}{9}$	$\frac{16}{101}$	$\frac{17}{101}$	$\frac{21}{101}$	$\Phi_{909}\ \Phi_{303}$
36139	800	799	$\frac{84}{799}$	$\frac{127}{799}$	$\frac{143}{799}$	$\frac{164}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_1^2$
36140	800	966	$\frac{16}{161}$	$\frac{1}{6}$	$\frac{29}{161}$	$\frac{33}{161}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{322}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
36141	800	799	$\frac{64}{799}$	$\frac{147}{799}$	$\frac{159}{799}$	$\frac{163}{799}$	$\Phi_{799}\ \Phi_{47}\ \Phi_{17}\ \Phi_1^2$
36142	800	1005	$\frac{16}{201}$	$\frac{37}{201}$	$\frac{1}{5}$	$\frac{41}{201}$	$\Phi_{1005}\ \Phi_{335}\ \Phi_{15}$
36143	800	245	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{245}^3\ \Phi_{49}^4\ \Phi_{35}^3\ \Phi_7^4\ \Phi_5^6\ \Phi_1^8$
36144	800	330	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{330}^3\ \Phi_{165}^3\ \Phi_{110}^3\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_{22}^4$
36145	800	140	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{140}^6\ \Phi_{70}^6\ \Phi_{35}^3\ \Phi_{28}^8\ \Phi_{20}^6\ \Phi_{14}^8\ \Phi_{10}^6\ \Phi_7^4\ \Phi_5^6\ \Phi_4^8\ \Phi_2^8\ \Phi_1^8$
36146	800	390	$\frac{4}{39}$	$\frac{1}{6}$	$\frac{7}{39}$	$\frac{1}{5}$	$\Phi_{390}^3\ \Phi_{195}^2\ \Phi_{130}^3\ \Phi_{65}^2\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
36147	800	335	$\frac{7}{67}$	$\frac{11}{67}$	$\frac{12}{67}$	$\frac{1}{5}$	$\Phi_{335}^3\ \Phi_5^2$
36148	800	90	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{90}^{12}\ \Phi_{45}^{13}\ \Phi_{30}^8\ \Phi_{15}^9\ \Phi_{10}^8\ \Phi_5^8$
36149	801	1280	$\frac{1}{160}$	$\frac{161}{640}$	$\frac{479}{1280}$	$\frac{159}{320}$	$\Phi_{1280}\ \Phi_{320}\ \Phi_{256}\ \Phi_{64}\ \Phi_1$
36150	801	1072	$\frac{3}{268}$	$\frac{1}{4}$	$\frac{271}{1072}$	$\frac{265}{536}$	$\Phi_{1072}\ \Phi_{268}\ \Phi_{134}\ \Phi_{67}\ \Phi_{16}\ \Phi_1$
36151	801	176	$\frac{1}{88}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{87}{176}$	$\Phi_{176}\ \Phi_{88}^8\ \Phi_{44}^8\ \Phi_{22}^8\ \Phi_{16}^2\ \Phi_{11}^8\ \Phi_8^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
36152	801	176	$\frac{1}{88}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{87}{176}$	$\Phi_{176}^9\ \Phi_{16}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
36153	801	870	$\frac{2}{87}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}\ \Phi_{145}\ \Phi_{87}\ \Phi_{30}^2\ \Phi_{29}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
36154	801	520	$\frac{7}{260}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{253}{520}$	$\Phi_{520}^3\ \Phi_{104}^3\ \Phi_{40}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
36155	801	512	$\frac{1}{32}$	$\frac{11}{256}$	$\frac{245}{512}$	$\frac{31}{64}$	$\Phi_{512}^3\ \Phi_{64}\ \Phi_1$
36156	801	128	$\frac{1}{32}$	$\frac{11}{128}$	$\frac{39}{128}$	$\frac{31}{64}$	$\Phi_{128}^6\ \Phi_{64}^7\ \Phi_{32}^6\ \Phi_{16}^6\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
36157	801	896	$\frac{1}{32}$	$\frac{95}{896}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
36158	801	1024	$\frac{1}{32}$	$\frac{33}{256}$	$\frac{223}{1024}$	$\frac{31}{64}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{64}\ \Phi_1$
36159	801	320	$\frac{1}{32}$	$\frac{53}{320}$	$\frac{11}{64}$	$\frac{31}{64}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{64}\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1$
36160	801	120	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{120}^9\ \Phi_{40}^9\ \Phi_{30}^9\ \Phi_{24}^9\ \Phi_{15}^9\ \Phi_{10}^8\ \Phi_8^9\ \Phi_6^9\ \Phi_5^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
36161	801	920	$\frac{4}{115}$	$\frac{119}{920}$	$\frac{1}{5}$	$\frac{111}{230}$	$\Phi_{920}\ \Phi_{460}\ \Phi_{184}\ \Phi_{115}\ \Phi_{92}\ \Phi_{40}\ \Phi_{23}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
36162	801	1540	$\frac{31}{770}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{739}{1540}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}\ \Phi_{44}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_4\ \Phi_1$
36163	801	512	$\frac{11}{256}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{245}{512}$	$\Phi_{512}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
36164	801	170	$\frac{4}{85}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{81}{170}$	$\Phi_{170}^4\ \Phi_{85}^5\ \Phi_{34}^4\ \Phi_{17}^5\ \Phi_{10}^8\ \Phi_5^8\ \Phi_2^8\ \Phi_1^9$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
36165	801	1088	$\frac{15}{272}$	$\frac{1}{16}$	$\frac{287}{1088}$	$\frac{257}{544}$	$\Phi_{1088}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{64}\ \Phi_{34}\ \Phi_{17}\ \Phi_1$
36166	801	540	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{108}\ \Phi_{90}^2\ \Phi_{54}\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
36167	801	840	$\frac{5}{84}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{79}{168}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}\ \Phi_{120}^2\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
36168	801	500	$\frac{1}{25}$	$\frac{17}{250}$	$\frac{8}{25}$	$\frac{233}{500}$	$\Phi_{500}^3\ \Phi_{100}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_5^2\ \Phi_4^3\ \Phi_1^3$
36169	801	1100	$\frac{1}{25}$	$\frac{24}{275}$	$\frac{299}{1100}$	$\frac{251}{550}$	$\Phi_{1100}\ \Phi_{275}\ \Phi_{220}\ \Phi_{100}\ \Phi_{55}\ \Phi_{44}\ \Phi_{20}\ \Phi_{11}\ \Phi_4\ \Phi_1$
36170	801	810	$\frac{8}{81}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{73}{162}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}^2\ \Phi_{81}\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
36171	801	100	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{9}{20}$	$\Phi_{100}^9\ \Phi_{50}^9\ \Phi_{25}^9\ \Phi_{10}^8\ \Phi_5^8\ \Phi_2^8\ \Phi_1^9$
36172	801	160	$\frac{1}{40}$	$\frac{9}{80}$	$\frac{13}{40}$	$\frac{71}{160}$	$\Phi_{160}^9\ \Phi_{40}^2\ \Phi_{32}^9\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
36173	801	160	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{160}$	$\Phi_{160}^9\ \Phi_{32}^9\ \Phi_{10}^8\ \Phi_5^8\ \Phi_2^8\ \Phi_1^9$
36174	801	280	$\frac{13}{280}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{280}^3\ \Phi_{140}^3\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
36175	801	528	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{43}{132}$	$\frac{7}{16}$	$\Phi_{528}^4\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}^4\ \Phi_{33}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
36176	801	368	$\frac{3}{92}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{368}^4\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_1$
36177	801	880	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{21}{110}$	$\frac{7}{16}$	$\Phi_{880}^2\ \Phi_{110}\ \Phi_{80}^2\ \Phi_{55}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
36178	801	96	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{96}^9\ \Phi_{48}^9\ \Phi_{32}^9\ \Phi_{24}^9\ \Phi_{16}^2\ \Phi_{12}^9\ \Phi_8^8\ \Phi_6^9\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
36179	801	1584	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{144}\ \Phi_{99}\ \Phi_{48}\ \Phi_{33}\ \Phi_{16}\ \Phi_9\ \Phi_3\ \Phi_1$
36180	801	1120	$\frac{1}{40}$	$\frac{39}{280}$	$\frac{319}{1120}$	$\frac{241}{560}$	$\Phi_{1120}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
36181	801	460	$\frac{4}{115}$	$\frac{37}{230}$	$\frac{1}{5}$	$\frac{193}{460}$	$\Phi_{460}^3\ \Phi_{115}\ \Phi_{92}^3\ \Phi_{23}\ \Phi_{20}^3\ \Phi_4^3\ \Phi_1$
36182	801	480	$\frac{7}{96}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
36183	801	150	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{14}{75}$	$\frac{61}{150}$	$\Phi_{150}^4\ \Phi_{75}^5\ \Phi_{50}^4\ \Phi_{30}^9\ \Phi_{25}^5\ \Phi_{15}^9\ \Phi_{10}^8\ \Phi_6^9\ \Phi_5^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
36184	801	265	$\frac{4}{265}$	$\frac{1}{5}$	$\frac{87}{265}$	$\frac{2}{5}$	$\Phi_{265}^3\ \Phi_{53}^3\ \Phi_5^4\ \Phi_1^5$
36185	801	720	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{17}{72}$	$\frac{55}{144}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{144}\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{48}\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
36186	801	272	$\frac{5}{272}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{272}^3\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
36187	801	280	$\frac{13}{280}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{280}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
36188	801	96	$\frac{1}{16}$	$\frac{7}{96}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{96}^9\ \Phi_{48}^9\ \Phi_{32}^6\ \Phi_{24}^9\ \Phi_{16}^8\ \Phi_{12}^9\ \Phi_8^8\ \Phi_6^9\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
36189	801	100	$\frac{1}{25}$	$\frac{11}{100}$	$\frac{8}{25}$	$\frac{17}{50}$	$\Phi_{100}^9\ \Phi_{50}^6\ \Phi_{25}^8\ \Phi_{20}^9\ \Phi_{10}^6\ \Phi_5^8\ \Phi_4^9\ \Phi_2^6\ \Phi_1^9$
36190	801	320	$\frac{1}{40}$	$\frac{53}{320}$	$\frac{13}{40}$	$\frac{27}{80}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{64}^3\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
36191	801	268	$\frac{1}{67}$	$\frac{1}{4}$	$\frac{22}{67}$	$\frac{45}{134}$	$\Phi_{268}^4\ \Phi_{134}\ \Phi_{67}^3\ \Phi_4^3\ \Phi_1^3$
36192	801	400	$\frac{1}{100}$	$\frac{33}{100}$	$\frac{133}{400}$	$\frac{67}{200}$	$\Phi_{400}^3\ \Phi_{100}^2\ \Phi_{80}^3\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
36193	801	99	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{99}^9\ \Phi_{33}^5\ \Phi_{11}^9\ \Phi_9^9\ \Phi_3^4\ \Phi_1^9$
36194	801	132	$\frac{1}{44}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{43}{132}$	$\Phi_{132}^9\ \Phi_{66}^9\ \Phi_{33}^9\ \Phi_{12}^9\ \Phi_6^9\ \Phi_4^2\ \Phi_3^9\ \Phi_2^2\ \Phi_1^3$
36195	801	120	$\frac{1}{40}$	$\frac{9}{40}$	$\frac{31}{120}$	$\frac{13}{40}$	$\Phi_{120}^9\ \Phi_{60}^9\ \Phi_{40}^2\ \Phi_{30}^9\ \Phi_{24}^9\ \Phi_{20}^2\ \Phi_{15}^9\ \Phi_{12}^9\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^9\ \Phi_5^2\ \Phi_4^2\ \Phi_3^9\ \Phi_2^2\ \Phi_1^3$
36196	801	115	$\frac{4}{115}$	$\frac{1}{5}$	$\frac{26}{115}$	$\frac{37}{115}$	$\Phi_{115}^7\ \Phi_{23}^7\ \Phi_5^6\ \Phi_1^7$
36197	801	125	$\frac{1}{25}$	$\frac{17}{125}$	$\frac{36}{125}$	$\frac{8}{25}$	$\Phi_{125}^6\ \Phi_{25}^8\ \Phi_5^8\ \Phi_1^9$
36198	801	130	$\frac{7}{130}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{41}{130}$	$\Phi_{130}^6\ \Phi_{65}^6\ \Phi_{26}^6\ \Phi_{13}^6\ \Phi_{10}^8\ \Phi_5^8\ \Phi_2^8\ \Phi_1^9$
36199	801	128	$\frac{1}{16}$	$\frac{11}{128}$	$\frac{39}{128}$	$\frac{5}{16}$	$\Phi_{128}^6\ \Phi_{64}^6\ \Phi_{32}^6\ \Phi_{16}^8\ \Phi_8^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
36200	801	320	$\frac{1}{16}$	$\frac{53}{320}$	$\frac{11}{64}$	$\frac{5}{16}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
36201	801	100	$\frac{7}{100}$	$\frac{11}{100}$	$\frac{23}{100}$	$\frac{31}{100}$	$\Phi_{100}^8\ \Phi_{50}^8\ \Phi_{25}^8\ \Phi_{20}^8\ \Phi_{10}^8\ \Phi_5^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
36202	801	385	$\frac{31}{385}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{118}{385}$	$\Phi_{385}^2\ \Phi_{77}^2\ \Phi_{55}^2\ \Phi_{35}^3\ \Phi_{11}^2\ \Phi_7^3\ \Phi_5^2\ \Phi_1^3$
36203	801	540	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{540}^2\ \Phi_{270}\ \Phi_{180}^2\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
36204	801	630	$\frac{1}{10}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{126}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{126}\ \Phi_{90}^2\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
36205	801	120	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{120}^9\ \Phi_{60}^9\ \Phi_{30}^9\ \Phi_{24}^9\ \Phi_{15}^9\ \Phi_{12}^9\ \Phi_{10}^8\ \Phi_6^9\ \Phi_5^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
36206	801	92	$\frac{3}{92}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{92}^9\ \Phi_{46}^9\ \Phi_{23}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
36207	801	352	$\frac{3}{88}$	$\frac{85}{352}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{352}^3\ \Phi_{176}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
36208	801	220	$\frac{1}{22}$	$\frac{21}{110}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{220}^4\ \Phi_{110}^5\ \Phi_{55}^5\ \Phi_{20}^4\ \Phi_{10}^5\ \Phi_5^5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
36209	801	308	$\frac{3}{44}$	$\frac{41}{308}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{308}^3\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
36210	801	96	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{96}^9\ \Phi_{48}^9\ \Phi_{32}^9\ \Phi_{24}^9\ \Phi_{16}^9\ \Phi_{12}^9\ \Phi_6^9\ \Phi_4^2\ \Phi_3^9\ \Phi_2^2\ \Phi_1^3$
36211	801	396	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^3\ \Phi_{66}^2\ \Phi_{36}^2\ \Phi_{33}^3\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
36212	802	798	$\frac{2}{399}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{397}{798}$	$\Phi_{798}^2\ \Phi_{266}^2\ \Phi_{114}^2\ \Phi_{42}^2\ \Phi_{38}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
36213	802	1608	$\frac{1}{134}$	$\frac{135}{536}$	$\frac{1}{3}$	$\frac{133}{268}$	$\Phi_{1608}\ \Phi_{402}\ \Phi_{201}\ \Phi_{24}\ \Phi_6$
36214	802	712	$\frac{1}{89}$	$\frac{45}{356}$	$\frac{311}{712}$	$\frac{44}{89}$	$\Phi_{712}^2\ \Phi_{89}\ \Phi_8^2\ \Phi_1^2$
36215	802	534	$\frac{1}{89}$	$\frac{133}{534}$	$\frac{45}{178}$	$\frac{44}{89}$	$\Phi_{534}^2\ \Phi_{267}^2\ \Phi_{89}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
36216	802	792	$\frac{5}{396}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{391}{792}$	$\Phi_{792}^2\ \Phi_{264}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
36217	802	792	$\frac{5}{396}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{391}{792}$	$\Phi_{792}^2\ \Phi_{264}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
36218	802	783	$\frac{19}{783}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{382}{783}$	$\Phi_{783}\ \Phi_{261}\ \Phi_{87}\ \Phi_{29}\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
36219	802	540	$\frac{4}{135}$	$\frac{1}{9}$	$\frac{139}{540}$	$\frac{131}{270}$	$\Phi_{540}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
36220	802	765	$\frac{37}{765}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{364}{765}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
36221	802	486	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{85}{486}$	$\frac{77}{162}$	$\Phi_{486}^2\ \Phi_{243}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
36222	802	756	$\frac{23}{378}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{355}{756}$	$\Phi_{756}^2\ \Phi_{252}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
36223	802	450	$\frac{4}{45}$	$\frac{49}{450}$	$\frac{1}{9}$	$\frac{41}{90}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
36224	802	729	$\frac{8}{81}$	$\frac{73}{729}$	$\frac{1}{9}$	$\frac{328}{729}$	$\Phi_{729}\ \Phi_{243}\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
36225	802	594	$\frac{5}{198}$	$\frac{1}{9}$	$\frac{193}{594}$	$\frac{4}{9}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
36226	802	414	$\frac{13}{414}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{414}^2\ \Phi_{207}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
36227	802	495	$\frac{5}{99}$	$\frac{1}{9}$	$\frac{94}{495}$	$\frac{4}{9}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
36228	802	432	$\frac{31}{432}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
36229	802	720	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{360}$	$\frac{319}{720}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
36230	802	432	$\frac{31}{432}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
36231	802	408	$\frac{7}{408}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{24}^2\ \Phi_{17}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
36232	802	675	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{127}{675}$	$\frac{274}{675}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{135}^2\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
36233	802	2010	$\frac{1}{67}$	$\frac{66}{335}$	$\frac{1}{3}$	$\frac{269}{670}$	$\Phi_{2010}\ \Phi_{402}\ \Phi_{201}\ \Phi_{30}\ \Phi_6$
36234	802	648	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{77}{324}$	$\frac{247}{648}$	$\Phi_{648}^2\ \Phi_{216}^2\ \Phi_{81}^2\ \Phi_{72}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
36235	802	603	$\frac{2}{201}$	$\frac{199}{603}$	$\frac{1}{3}$	$\frac{202}{603}$	$\Phi_{603}\ \Phi_{201}^2\ \Phi_{67}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
36236	802	456	$\frac{2}{57}$	$\frac{55}{456}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{456}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
36237	802	420	$\frac{19}{420}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
36238	802	594	$\frac{5}{198}$	$\frac{1}{6}$	$\frac{193}{594}$	$\frac{1}{3}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
36239	802	414	$\frac{13}{414}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{414}^2\ \Phi_{207}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
36240	802	528	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{127}{528}$	$\frac{1}{3}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
36241	802	432	$\frac{31}{432}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
36242	802	462	$\frac{5}{66}$	$\frac{61}{462}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
36243	802	486	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{85}{486}$	$\frac{73}{243}$	$\Phi_{486}^2\ \Phi_{243}\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
36244	802	567	$\frac{1}{9}$	$\frac{23}{189}$	$\frac{4}{27}$	$\frac{166}{567}$	$\Phi_{567}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
36245	802	540	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{180}$	$\frac{139}{540}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
36246	803	720	$\frac{1}{72}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{71}{144}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{144}^3\ \Phi_{80}^2\ \Phi_{48}^3\ \Phi_{20}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
36247	803	720	$\frac{1}{72}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{71}{144}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{144}^3\ \Phi_{80}^2\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{15}\ \Phi_3\ \Phi_1$
36248	803	300	$\frac{2}{75}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{300}^5\ \Phi_{100}^5\ \Phi_{75}\ \Phi_{60}^4\ \Phi_{25}\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{12}^4\ \Phi_5\ \Phi_4^5\ \Phi_1$
36249	803	540	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{35}{108}$	$\frac{9}{20}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{20}\ \Phi_4\ \Phi_1$
36250	803	380	$\frac{3}{76}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{380}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{20}\ \Phi_{19}^3\ \Phi_4\ \Phi_1$
36251	803	480	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{23}{96}$	$\frac{9}{20}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{96}^3\ \Phi_{80}^2\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{20}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
36252	803	180	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{17}{90}$	$\frac{9}{20}$	$\Phi_{180}^8\ \Phi_{90}\ \Phi_{60}^8\ \Phi_{45}\ \Phi_{36}^8\ \Phi_{30}\ \Phi_{20}^9\ \Phi_{15}\ \Phi_{12}^8\ \Phi_{10}\ \Phi_5\ \Phi_4^9\ \Phi_1$
36253	803	780	$\frac{5}{78}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{780}^2\ \Phi_{260}^2\ \Phi_{156}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_4\ \Phi_1$
36254	803	420	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{84}$	$\frac{9}{20}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{20}\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4\ \Phi_1$
36255	803	80	$\frac{7}{80}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{80}^{11}\ \Phi_{40}^9\ \Phi_{20}^{10}\ \Phi_{16}^{11}\ \Phi_{10}^9\ \Phi_8^8\ \Phi_5^9\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
36256	803	1620	$\frac{8}{81}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{324}\ \Phi_{108}\ \Phi_{81}\ \Phi_{27}\ \Phi_{20}\ \Phi_4\ \Phi_1$
36257	803	666	$\frac{1}{74}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{666}\ \Phi_{333}\ \Phi_{222}^2\ \Phi_{111}^2\ \Phi_{74}\ \Phi_{37}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
36258	803	592	$\frac{1}{74}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{592}^2\ \Phi_{148}^2\ \Phi_{74}\ \Phi_{37}\ \Phi_{16}\ \Phi_4\ \Phi_1$
36259	803	105	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{32}{105}$	$\frac{1}{3}$	$\Phi_{105}^6\ \Phi_{35}^{11}\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_7^{11}\ \Phi_5^{11}\ \Phi_3^5\ \Phi_1^{11}$
36260	803	75	$\frac{2}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{75}^{11}\ \Phi_{25}^{11}\ \Phi_{15}^{10}\ \Phi_5^9\ \Phi_3^9\ \Phi_1^9$
36261	803	540	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{35}{108}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{15}\ \Phi_3\ \Phi_1$
36262	803	1140	$\frac{3}{76}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{285}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{15}\ \Phi_3\ \Phi_1$
36263	803	480	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{23}{96}$	$\frac{4}{15}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{96}^3\ \Phi_{80}^2\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{15}\ \Phi_3\ \Phi_1$
36264	803	90	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{90}^9\ \Phi_{45}^9\ \Phi_{30}^9\ \Phi_{18}^8\ \Phi_{15}^{10}\ \Phi_{10}^9\ \Phi_9^8\ \Phi_6^8\ \Phi_5^9\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
36265	803	390	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{78}^3\ \Phi_{65}^2\ \Phi_{39}^3\ \Phi_{26}^3\ \Phi_{15}\ \Phi_{13}^3\ \Phi_3\ \Phi_1$
36266	803	420	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{15}\ \Phi_{14}^3\ \Phi_7^3\ \Phi_3\ \Phi_1$
36267	803	240	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{240}^5\ \Phi_{120}^4\ \Phi_{80}\ \Phi_{60}^4\ \Phi_{48}^5\ \Phi_{40}\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^4\ \Phi_5\ \Phi_3^5\ \Phi_1$
36268	803	405	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{405}^2\ \Phi_{135}^2\ \Phi_{81}^3\ \Phi_{27}^3\ \Phi_{15}\ \Phi_3\ \Phi_1$
36269	804	1200	$\frac{1}{200}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{199}{400}$	$\Phi_{1200}\ \Phi_{400}^2\ \Phi_{240}\ \Phi_{80}^2\ \Phi_{48}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
36270	804	665	$\frac{1}{133}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{66}{133}$	$\Phi_{665}\ \Phi_{133}^2\ \Phi_{95}\ \Phi_{35}\ \Phi_{19}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
36271	804	1596	$\frac{1}{133}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{66}{133}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{228}\ \Phi_{114}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_6^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
36272	804	803	$\frac{7}{803}$	$\frac{135}{803}$	$\frac{334}{803}$	$\frac{398}{803}$	$\Phi_{803}\ \Phi_{73}\ \Phi_{11}\ \Phi_1^2$
36273	804	1076	$\frac{3}{269}$	$\frac{1}{4}$	$\frac{68}{269}$	$\frac{133}{269}$	$\Phi_{1076}\ \Phi_{538}$
36274	804	803	$\frac{9}{803}$	$\frac{200}{803}$	$\frac{203}{803}$	$\frac{397}{803}$	$\Phi_{803}\ \Phi_{73}\ \Phi_{11}\ \Phi_1^2$
36275	804	1209	$\frac{5}{403}$	$\frac{68}{403}$	$\frac{1}{3}$	$\frac{199}{403}$	$\Phi_{1209}\ \Phi_{93}\ \Phi_{39}$
36276	804	365	$\frac{1}{73}$	$\frac{37}{365}$	$\frac{164}{365}$	$\frac{36}{73}$	$\Phi_{365}^2\ \Phi_{73}^3\ \Phi_5^2\ \Phi_1^4$
36277	804	132	$\frac{1}{66}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{65}{132}$	$\Phi_{132}^{12}\ \Phi_{44}^{12}\ \Phi_{12}^{12}\ \Phi_{11}\ \Phi_4^{12}\ \Phi_1^2$
36278	804	924	$\frac{1}{66}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{65}{132}$	$\Phi_{924}^2\ \Phi_{308}^2\ \Phi_{84}^2\ \Phi_{28}^2\ \Phi_{21}$
36279	804	132	$\frac{1}{66}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{65}{132}$	$\Phi_{132}^{12}\ \Phi_{44}^{12}\ \Phi_{12}^{12}\ \Phi_{11}\ \Phi_4^{12}\ \Phi_1^2$
36280	804	660	$\frac{1}{66}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{65}{132}$	$\Phi_{660}\ \Phi_{330}^2\ \Phi_{220}\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
36281	804	630	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{23}{90}$	$\frac{22}{45}$	$\Phi_{630}^2\ \Phi_{315}\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}^2$
36282	804	390	$\frac{2}{65}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{63}{130}$	$\Phi_{390}^6\ \Phi_{78}^6\ \Phi_{39}\ \Phi_{30}^6\ \Phi_6^6$
36283	804	910	$\frac{2}{65}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{63}{130}$	$\Phi_{910}^2\ \Phi_{182}^2\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{14}^2$
36284	804	651	$\frac{1}{31}$	$\frac{16}{217}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{651}^2\ \Phi_{93}\ \Phi_{21}^2$
36285	804	567	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{14}{81}$	$\frac{13}{27}$	$\Phi_{567}^2\ \Phi_{189}\ \Phi_{63}\ \Phi_{21}$
36286	804	1664	$\frac{3}{64}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{1664}\ \Phi_{52}\ \Phi_{26}$
36287	804	126	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{59}{126}$	$\Phi_{126}^{12}\ \Phi_{63}\ \Phi_{42}^{12}\ \Phi_{21}\ \Phi_{18}^{12}\ \Phi_{14}^{12}\ \Phi_6^{12}\ \Phi_2^{12}$
36288	804	525	$\frac{1}{15}$	$\frac{8}{75}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
36289	804	73	$\frac{5}{73}$	$\frac{6}{73}$	$\frac{13}{73}$	$\frac{34}{73}$	$\Phi_{73}^{11}\ \Phi_1^{12}$
36290	804	624	$\frac{7}{208}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
36291	804	372	$\frac{1}{31}$	$\frac{5}{62}$	$\frac{1}{3}$	$\frac{57}{124}$	$\Phi_{372}^6\ \Phi_{93}\ \Phi_{12}^6$
36292	804	759	$\frac{2}{69}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{759}\ \Phi_{253}\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_{11}\ \Phi_1^2$
36293	804	99	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{32}{99}$	$\frac{5}{11}$	$\Phi_{99}^{12}\ \Phi_{11}\ \Phi_9^{12}\ \Phi_1^2$
36294	804	209	$\frac{8}{209}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{209}^4\ \Phi_{19}^4\ \Phi_{11}\ \Phi_1^2$
36295	804	88	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{21}{88}$	$\frac{5}{11}$	$\Phi_{88}^{12}\ \Phi_{44}^{12}\ \Phi_{11}\ \Phi_8^{12}\ \Phi_4^{12}\ \Phi_1^2$
36296	804	165	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{31}{165}$	$\frac{5}{11}$	$\Phi_{165}^6\ \Phi_{55}^6\ \Phi_{15}^6\ \Phi_{11}\ \Phi_5^6\ \Phi_1^2$
36297	804	143	$\frac{9}{143}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{143}^6\ \Phi_{13}^6\ \Phi_{11}\ \Phi_1^2$
36298	804	792	$\frac{5}{72}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}^2\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
36299	804	220	$\frac{19}{220}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{220}^4\ \Phi_{110}^4\ \Phi_{55}^4\ \Phi_{44}^4\ \Phi_{20}^4\ \Phi_{11}\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^4\ \Phi_1^2$
36300	804	77	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{5}{11}$	$\Phi_{77}^{12}\ \Phi_{11}\ \Phi_7^{12}\ \Phi_1^2$
36301	804	73	$\frac{6}{73}$	$\frac{7}{73}$	$\frac{10}{73}$	$\frac{33}{73}$	$\Phi_{73}^{11}\ \Phi_1^{12}$
36302	804	504	$\frac{5}{72}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2$
36303	804	840	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{7}$	$\frac{53}{120}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{105}\ \Phi_{56}^2\ \Phi_{35}\ \Phi_{21}$
36304	804	73	$\frac{6}{73}$	$\frac{7}{73}$	$\frac{11}{73}$	$\frac{31}{73}$	$\Phi_{73}^{11}\ \Phi_1^{12}$
36305	804	1020	$\frac{1}{68}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{60}\ \Phi_{51}^2\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
36306	804	70	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{70}^{12}\ \Phi_{35}^{11}\ \Phi_{14}^{12}\ \Phi_{10}^{12}\ \Phi_7^{10}\ \Phi_5^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
36307	804	380	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{380}^2\ \Phi_{190}^2\ \Phi_{95}\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{20}^2\ \Phi_{19}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
36308	804	219	$\frac{1}{73}$	$\frac{49}{219}$	$\frac{24}{73}$	$\frac{85}{219}$	$\Phi_{219}^3\ \Phi_{73}^5\ \Phi_3^3\ \Phi_1^6$
36309	804	884	$\frac{1}{68}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{884}\ \Phi_{442}\ \Phi_{221}\ \Phi_{52}\ \Phi_{26}$
36310	804	756	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{13}{54}$	$\frac{41}{108}$	$\Phi_{756}^2\ \Phi_{252}^2\ \Phi_{189}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{28}^2\ \Phi_{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
36311	804	292	$\frac{1}{73}$	$\frac{18}{73}$	$\frac{91}{292}$	$\frac{55}{146}$	$\Phi_{292}^{4}\ \Phi_{73}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
36312	804	936	$\frac{5}{72}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
36313	804	1326	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{1326}\ \Phi_{442}\ \Phi_{221}\ \Phi_{78}\ \Phi_{26}$
36314	804	73	$\frac{4}{73}$	$\frac{6}{73}$	$\frac{23}{73}$	$\frac{25}{73}$	$\Phi_{73}^{11}\ \Phi_{1}^{12}$
36315	804	803	$\frac{8}{803}$	$\frac{265}{803}$	$\frac{267}{803}$	$\frac{269}{803}$	$\Phi_{803}\ \Phi_{73}\ \Phi_{11}\ \Phi_{1}^{2}$
36316	804	1209	$\frac{4}{403}$	$\frac{133}{403}$	$\frac{1}{3}$	$\frac{135}{403}$	$\Phi_{1209}\ \Phi_{93}\ \Phi_{39}$
36317	804	300	$\frac{1}{100}$	$\frac{33}{100}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{300}^{2}\ \Phi_{150}^{2}\ \Phi_{100}^{4}\ \Phi_{75}^{2}\ \Phi_{60}^{2}\ \Phi_{50}^{4}\ \Phi_{30}^{2}\ \Phi_{25}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
36318	804	204	$\frac{1}{68}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{204}^{3}\ \Phi_{102}^{3}\ \Phi_{68}^{6}\ \Phi_{51}^{3}\ \Phi_{34}^{6}\ \Phi_{17}^{6}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
36319	804	615	$\frac{4}{205}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{615}\ \Phi_{205}^{2}\ \Phi_{123}\ \Phi_{41}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
36320	804	750	$\frac{1}{50}$	$\frac{49}{250}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{750}\ \Phi_{375}\ \Phi_{250}^{2}\ \Phi_{125}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
36321	804	240	$\frac{1}{40}$	$\frac{13}{80}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}^{3}\ \Phi_{120}^{2}\ \Phi_{80}^{6}\ \Phi_{60}^{2}\ \Phi_{48}^{3}\ \Phi_{40}^{4}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{4}\ \Phi_{16}^{6}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
36322	804	483	$\frac{2}{69}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{483}^{2}\ \Phi_{161}^{2}\ \Phi_{21}$
36323	804	624	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}^{2}\ \Phi_{156}\ \Phi_{104}^{2}\ \Phi_{78}\ \Phi_{52}^{2}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}^{2}\ \Phi_{16}^{2}\ \Phi_{13}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
36324	804	75	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{75}^{11}\ \Phi_{25}^{10}\ \Phi_{15}^{11}\ \Phi_{5}^{10}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
36325	804	210	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^{3}\ \Phi_{105}^{3}\ \Phi_{70}^{6}\ \Phi_{42}^{3}\ \Phi_{35}^{6}\ \Phi_{30}^{2}\ \Phi_{21}^{3}\ \Phi_{15}^{2}\ \Phi_{14}^{6}\ \Phi_{10}^{4}\ \Phi_{7}^{6}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
36326	804	660	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}^{2}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}^{2}\ \Phi_{66}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
36327	804	693	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{32}{99}$	$\frac{1}{3}$	$\Phi_{693}^{2}\ \Phi_{63}^{2}\ \Phi_{21}$
36328	804	465	$\frac{1}{31}$	$\frac{21}{155}$	$\frac{10}{31}$	$\frac{1}{3}$	$\Phi_{465}^{3}\ \Phi_{93}\ \Phi_{15}^{3}$
36329	804	195	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{61}{195}$	$\frac{1}{3}$	$\Phi_{195}^{3}\ \Phi_{65}^{6}\ \Phi_{39}^{4}\ \Phi_{15}^{3}\ \Phi_{13}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
36330	804	429	$\frac{9}{143}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{429}^{3}\ \Phi_{39}\ \Phi_{33}^{3}$
36331	804	93	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{26}{93}$	$\frac{1}{3}$	$\Phi_{93}^{7}\ \Phi_{31}^{12}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
36332	804	759	$\frac{2}{69}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{759}\ \Phi_{253}\ \Phi_{69}^{2}\ \Phi_{23}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
36333	804	1380	$\frac{2}{69}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{230}\ \Phi_{20}\ \Phi_{10}$
36334	804	420	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^{4}\ \Phi_{210}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{3}\ \Phi_{60}^{4}\ \Phi_{42}\ \Phi_{30}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
36335	804	228	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^{5}\ \Phi_{114}^{5}\ \Phi_{57}^{6}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{6}$
36336	804	744	$\frac{1}{31}$	$\frac{47}{248}$	$\frac{15}{62}$	$\frac{1}{3}$	$\Phi_{744}^{2}\ \Phi_{372}^{2}\ \Phi_{93}\ \Phi_{24}^{2}\ \Phi_{12}^{2}$
36337	804	1848	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{21}{88}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{168}\ \Phi_{84}\ \Phi_{21}$
36338	804	780	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{59}{260}$	$\frac{1}{3}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{60}^{2}\ \Phi_{39}\ \Phi_{30}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
36339	804	1155	$\frac{2}{33}$	$\frac{1}{7}$	$\frac{31}{165}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
36340	804	1365	$\frac{1}{13}$	$\frac{53}{455}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{273}\ \Phi_{105}\ \Phi_{39}\ \Phi_{21}$
36341	804	504	$\frac{5}{72}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{168}^{2}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{63}^{2}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{21}$
36342	804	78	$\frac{1}{13}$	$\frac{11}{78}$	$\frac{2}{13}$	$\frac{1}{3}$	$\Phi_{78}^{12}\ \Phi_{39}^{7}\ \Phi_{26}^{12}\ \Phi_{13}^{12}\ \Phi_{6}^{12}\ \Phi_{3}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
36343	804	231	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{231}^{5}\ \Phi_{33}^{6}\ \Phi_{21}^{6}\ \Phi_{3}^{6}$
36344	804	99	$\frac{1}{33}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{32}{99}$	$\Phi_{99}^{12}\ \Phi_{11}\ \Phi_{9}^{12}\ \Phi_{1}^{2}$
36345	804	1980	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{32}{99}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{180}\ \Phi_{90}\ \Phi_{20}\ \Phi_{10}$
36346	804	1365	$\frac{4}{65}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{61}{195}$	$\Phi_{1365}\ \Phi_{273}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
36347	804	1248	$\frac{1}{13}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
36348	804	73	$\frac{6}{73}$	$\frac{7}{73}$	$\frac{17}{73}$	$\frac{22}{73}$	$\Phi_{73}^{11}\ \Phi_{1}^{12}$
36349	804	189	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{7}$	$\frac{55}{189}$	$\Phi_{189}^{6}\ \Phi_{63}\ \Phi_{27}^{6}\ \Phi_{21}$
36350	804	73	$\frac{6}{73}$	$\frac{10}{73}$	$\frac{13}{73}$	$\frac{21}{73}$	$\Phi_{73}^{11}\ \Phi_{1}^{12}$
36351	804	88	$\frac{1}{22}$	$\frac{2}{11}$	$\frac{21}{88}$	$\frac{3}{11}$	$\Phi_{88}^{12}\ \Phi_{44}^{12}\ \Phi_{11}\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{1}^{2}$
36352	804	792	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}^{2}\ \Phi_{44}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
36353	804	77	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{77}^{12}\ \Phi_{11}\ \Phi_{7}^{12}\ \Phi_{1}^{2}$
36354	804	73	$\frac{6}{73}$	$\frac{9}{73}$	$\frac{16}{73}$	$\frac{19}{73}$	$\Phi_{73}^{11}\ \Phi_{1}^{12}$
36355	804	630	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{7}{30}$	$\frac{23}{90}$	$\Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{126}^{2}\ \Phi_{105}\ \Phi_{63}^{2}\ \Phi_{35}\ \Phi_{21}$
36356	804	440	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{21}{88}$	$\frac{1}{4}$	$\Phi_{440}^{3}\ \Phi_{220}\ \Phi_{110}^{2}\ \Phi_{55}^{2}\ \Phi_{40}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
36357	804	360	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{60}\ \Phi_{45}^{3}\ \Phi_{40}^{3}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
36358	804	1540	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{140}\ \Phi_{70}\ \Phi_{20}\ \Phi_{10}$
36359	804	1040	$\frac{1}{13}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
36360	805	320	$\frac{1}{160}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{159}{320}$	$\Phi_{320}^{5}\ \Phi_{64}^{5}\ \Phi_{8}\ \Phi_{1}$
36361	805	228	$\frac{1}{114}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{113}{228}$	$\Phi_{228}\ \Phi_{114}^{6}\ \Phi_{76}\ \Phi_{57}^{6}\ \Phi_{38}^{6}\ \Phi_{19}^{6}\ \Phi_{12}^{2}\ \Phi_{6}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
36362	805	684	$\frac{1}{114}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{113}{228}$	$\Phi_{684}^{3}\ \Phi_{228}\ \Phi_{76}\ \Phi_{36}^{3}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
36363	805	318	$\frac{2}{159}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{157}{318}$	$\Phi_{318}^{2}\ \Phi_{159}^{3}\ \Phi_{106}^{2}\ \Phi_{53}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
36364	805	1584	$\frac{13}{792}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{779}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
36365	805	1584	$\frac{13}{792}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{779}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{48}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
36366	805	216	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{55}{216}$	$\frac{53}{108}$	$\Phi_{216}^{5}\ \Phi_{72}^{5}\ \Phi_{54}^{5}\ \Phi_{27}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
36367	805	224	$\frac{3}{112}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{109}{224}$	$\Phi_{224}^{7}\ \Phi_{32}^{7}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
36368	805	748	$\frac{1}{34}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{33}{68}$	$\Phi_{374}^{2}\ \Phi_{187}^{2}\ \Phi_{68}\ \Phi_{44}\ \Phi_{34}^{2}\ \Phi_{22}^{2}\ \Phi_{17}^{2}\ \Phi_{11}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
36369	805	2244	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{33}{68}$	$\Phi_{2244}\ \Phi_{204}\ \Phi_{132}\ \Phi_{68}\ \Phi_{33}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
36370	805	972	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{167}{972}$	$\frac{157}{324}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
36371	805	312	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{151}{312}$	$\Phi_{312}^{5}\ \Phi_{104}^{5}\ \Phi_{24}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
36372	805	2244	$\frac{1}{22}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{21}{44}$	$\Phi_{2244}\ \Phi_{204}\ \Phi_{132}\ \Phi_{51}\ \Phi_{44}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
36373	805	748	$\frac{1}{22}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{21}{44}$	$\Phi_{748}^{2}\ \Phi_{68}^{2}\ \Phi_{44}^{3}\ \Phi_{17}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
36374	805	264	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{21}{44}$	$\Phi_{264}^{4}\ \Phi_{132}^{2}\ \Phi_{88}^{2}\ \Phi_{66}^{4}\ \Phi_{44}\ \Phi_{33}^{4}\ \Phi_{24}^{6}\ \Phi_{22}^{2}\ \Phi_{12}^{4}\ \Phi_{11}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
36375	805	1536	$\frac{37}{768}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{731}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
36376	805	306	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{145}{306}$	$\Phi_{306}^{2}\ \Phi_{153}^{3}\ \Phi_{102}^{2}\ \Phi_{51}^{3}\ \Phi_{34}^{2}\ \Phi_{18}^{5}\ \Phi_{17}^{3}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
36377	805	180	$\frac{1}{18}$	$\frac{19}{180}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{180}^{5}\ \Phi_{90}^{5}\ \Phi_{60}^{5}\ \Phi_{45}^{5}\ \Phi_{30}^{5}\ \Phi_{20}^{5}\ \Phi_{18}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
36378	805	264	$\frac{1}{24}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{264}^{3}\ \Phi_{132}^{3}\ \Phi_{88}^{3}\ \Phi_{66}^{2}\ \Phi_{44}^{3}\ \Phi_{33}^{3}\ \Phi_{24}^{5}\ \Phi_{22}^{2}\ \Phi_{12}^{5}\ \Phi_{11}^{3}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
36379	805	216	$\frac{7}{108}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{101}{216}$	$\Phi_{216}^{7}\ \Phi_{72}^{7}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}^{7}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}^{7}\ \Phi_{1}$
36380	805	48	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{48}^{23}\ \Phi_{24}^{11}\ \Phi_{16}^{23}\ \Phi_{12}^{10}\ \Phi_{8}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
36381	805	1056	$\frac{13}{264}$	$\frac{1}{12}$	$\frac{251}{1056}$	$\frac{11}{24}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{176}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
36382	805	864	$\frac{59}{864}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
36383	805	864	$\frac{59}{864}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
36384	805	192	$\frac{1}{24}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{192}^{8}\ \Phi_{64}^{7}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
36385	805	252	$\frac{1}{36}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{252}^{3}\ \Phi_{126}^{3}\ \Phi_{84}^{3}\ \Phi_{63}^{3}\ \Phi_{42}^{2}\ \Phi_{36}^{5}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{18}^{5}\ \Phi_{14}^{2}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
36386	805	288	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{1}{6}$	$\frac{127}{288}$	$\Phi_{288}^{5}\ \Phi_{96}^{5}\ \Phi_{32}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
36387	805	288	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{288}^{4}\ \Phi_{96}^{4}\ \Phi_{72}^{4}\ \Phi_{36}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{4}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
36388	805	360	$\frac{1}{36}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{360}^{4}\ \Phi_{120}^{4}\ \Phi_{72}^{4}\ \Phi_{40}^{3}\ \Phi_{36}^{3}\ \Phi_{24}^{4}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
36389	805	468	$\frac{2}{117}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{468}^{3}\ \Phi_{156}^{3}\ \Phi_{117}\ \Phi_{52}^{3}\ \Phi_{39}\ \Phi_{36}^{3}\ \Phi_{13}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
36390	805	684	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{56}{171}$	$\frac{5}{12}$	$\Phi_{684}^{3}\ \Phi_{171}\ \Phi_{36}^{3}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
36391	805	456	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{37}{152}$	$\frac{5}{12}$	$\Phi_{456}^{2}\ \Phi_{152}^{3}\ \Phi_{114}^{2}\ \Phi_{76}\ \Phi_{57}^{2}\ \Phi_{38}^{2}\ \Phi_{24}^{2}\ \Phi_{19}^{2}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
36392	805	228	$\frac{2}{57}$	$\frac{1}{6}$	$\frac{11}{57}$	$\frac{5}{12}$	$\Phi_{228}^{6}\ \Phi_{76}^{6}\ \Phi_{57}^{2}\ \Phi_{19}^{2}\ \Phi_{12}^{7}\ \Phi_{4}^{7}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
36393	805	24	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{24}^{35}\ \Phi_{12}^{30}\ \Phi_{8}^{35}\ \Phi_{6}^{34}\ \Phi_{4}^{30}\ \Phi_{3}^{34}\ \Phi_{2}^{34}\ \Phi_{1}^{35}$
36394	805	1596	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1596}\ \Phi_{532}\ \Phi_{133}\ \Phi_{84}\ \Phi_{28}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
36395	805	270	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{26}{135}$	$\frac{109}{270}$	$\Phi_{270}^{2}\ \Phi_{135}^{3}\ \Phi_{90}^{2}\ \Phi_{54}^{5}\ \Phi_{45}^{3}\ \Phi_{30}^{2}\ \Phi_{27}^{5}\ \Phi_{18}^{5}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
36396	805	201	$\frac{2}{67}$	$\frac{13}{67}$	$\frac{40}{201}$	$\frac{27}{67}$	$\Phi_{201}^{5}\ \Phi_{67}^{2}\ \Phi_{3}^{5}\ \Phi_{1}^{3}$
36397	805	268	$\frac{2}{67}$	$\frac{13}{67}$	$\frac{27}{134}$	$\frac{107}{268}$	$\Phi_{268}^{5}\ \Phi_{67}^{2}\ \Phi_{4}^{5}\ \Phi_{1}^{3}$
36398	805	864	$\frac{59}{864}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
36399	805	1296	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{157}{648}$	$\frac{491}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
36400	805	240	$\frac{1}{80}$	$\frac{1}{4}$	$\frac{79}{240}$	$\frac{3}{8}$	$\Phi_{240}^{5}\ \Phi_{120}^{5}\ \Phi_{60}^{5}\ \Phi_{48}^{5}\ \Phi_{30}^{5}\ \Phi_{24}^{5}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{8}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}$
36401	805	816	$\frac{11}{816}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
36402	805	328	$\frac{3}{164}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{328}^{4}\ \Phi_{164}\ \Phi_{82}\ \Phi_{41}\ \Phi_{8}\ \Phi_{1}$
36403	805	1320	$\frac{4}{165}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{165}\ \Phi_{120}\ \Phi_{88}\ \Phi_{55}\ \Phi_{33}\ \Phi_{24}\ \Phi_{15}\ \Phi_{11}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
36404	805	200	$\frac{1}{40}$	$\frac{39}{200}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{200}^{5}\ \Phi_{100}^{5}\ \Phi_{50}^{5}\ \Phi_{25}^{5}\ \Phi_{8}\ \Phi_{1}$
36405	805	192	$\frac{1}{32}$	$\frac{31}{192}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{192}^{5}\ \Phi_{96}^{5}\ \Phi_{64}^{5}\ \Phi_{48}^{5}\ \Phi_{24}^{5}\ \Phi_{12}^{5}\ \Phi_{8}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}$
36406	805	832	$\frac{27}{832}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
36407	805	80	$\frac{3}{80}$	$\frac{11}{80}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{80}^{10}\ \Phi_{40}^{10}\ \Phi_{20}^{10}\ \Phi_{16}^{10}\ \Phi_{10}^{10}\ \Phi_{8}^{11}\ \Phi_{5}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
36408	805	24	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{24}^{35}\ \Phi_{12}^{35}\ \Phi_{8}^{31}\ \Phi_{6}^{35}\ \Phi_{4}^{30}\ \Phi_{3}^{35}\ \Phi_{2}^{30}\ \Phi_{1}^{31}$
36409	805	360	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^{4}\ \Phi_{180}\ \Phi_{120}^{4}\ \Phi_{90}\ \Phi_{72}^{4}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}^{4}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
36410	805	680	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{680}^{2}\ \Phi_{170}\ \Phi_{136}^{2}\ \Phi_{85}\ \Phi_{34}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
36411	805	176	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{176}^{5}\ \Phi_{88}^{5}\ \Phi_{44}^{5}\ \Phi_{22}^{5}\ \Phi_{11}^{5}\ \Phi_{8}\ \Phi_{1}$
36412	805	36	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{36}^{22}\ \Phi_{18}^{23}\ \Phi_{12}^{22}\ \Phi_{9}^{23}\ \Phi_{6}^{22}\ \Phi_{4}^{22}\ \Phi_{3}^{22}\ \Phi_{2}^{22}\ \Phi_{1}^{23}$
36413	805	216	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{216}^{3}\ \Phi_{108}^{3}\ \Phi_{72}^{6}\ \Phi_{54}^{2}\ \Phi_{36}^{6}\ \Phi_{27}^{3}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
36414	805	1224	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{193}{612}$	$\frac{419}{1224}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{72}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
36415	805	696	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{28}{87}$	$\frac{59}{174}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{232}^{2}\ \Phi_{116}^{2}\ \Phi_{87}\ \Phi_{58}\ \Phi_{29}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
36416	805	117	$\frac{2}{117}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{117}^{7}\ \Phi_{39}^{7}\ \Phi_{13}^{7}\ \Phi_{9}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
36417	805	171	$\frac{1}{57}$	$\frac{2}{9}$	$\frac{56}{171}$	$\frac{1}{3}$	$\Phi_{171}^{4}\ \Phi_{57}^{6}\ \Phi_{19}^{6}\ \Phi_{9}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
36418	805	1368	$\frac{1}{38}$	$\frac{2}{9}$	$\frac{37}{152}$	$\frac{1}{3}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{152}\ \Phi_{76}\ \Phi_{72}\ \Phi_{36}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
36419	805	171	$\frac{2}{57}$	$\frac{11}{57}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{171}^{6}\ \Phi_{57}^{2}\ \Phi_{19}^{2}\ \Phi_{9}^{7}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
36420	805	72	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{72}^{15}\ \Phi_{36}^{15}\ \Phi_{24}^{5}\ \Phi_{18}^{12}\ \Phi_{12}^{5}\ \Phi_{9}^{13}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
36421	805	1197	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1197}\ \Phi_{133}\ \Phi_{63}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
36422	805	1188	$\frac{13}{396}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{383}{1188}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
36423	805	168	$\frac{3}{56}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{53}{168}$	$\Phi_{168}^{7}\ \Phi_{84}^{7}\ \Phi_{42}^{7}\ \Phi_{24}^{7}\ \Phi_{21}^{7}\ \Phi_{12}^{7}\ \Phi_{8}^{3}\ \Phi_{6}^{7}\ \Phi_{4}^{2}\ \Phi_{3}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
36424	805	561	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{16}{51}$	$\Phi_{561}\ \Phi_{187}^{2}\ \Phi_{51}^{2}\ \Phi_{33}^{2}\ \Phi_{17}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
36425	805	234	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{73}{234}$	$\Phi_{234}^{5}\ \Phi_{117}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
36426	805	561	$\frac{1}{11}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{10}{33}$	$\Phi_{561}^{2}\ \Phi_{51}^{2}\ \Phi_{33}^{3}\ \Phi_{17}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
36427	805	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{264}^{3}\ \Phi_{132}^{3}\ \Phi_{88}^{4}\ \Phi_{66}\ \Phi_{44}^{4}\ \Phi_{33}^{2}\ \Phi_{24}^{5}\ \Phi_{22}^{2}\ \Phi_{12}^{5}\ \Phi_{11}^{2}\ \Phi_{8}^{5}\ \Phi_{6}^{2}\ \Phi_{4}^{5}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
36428	805	1152	$\frac{1}{12}$	$\frac{37}{384}$	$\frac{11}{48}$	$\frac{347}{1152}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
36429	805	162	$\frac{5}{54}$	$\frac{7}{54}$	$\frac{1}{6}$	$\frac{47}{162}$	$\Phi_{162}^{7}\ \Phi_{81}^{7}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
36430	805	198	$\frac{13}{198}$	$\frac{1}{6}$	$\frac{37}{198}$	$\frac{5}{18}$	$\Phi_{198}^{4}\ \Phi_{99}^{4}\ \Phi_{66}^{4}\ \Phi_{33}^{4}\ \Phi_{22}^{4}\ \Phi_{18}^{5}\ \Phi_{11}^{4}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
36431	805	864	$\frac{59}{864}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
36432	805	48	$\frac{1}{24}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{48}^{15}\ \Phi_{24}^{18}\ \Phi_{16}^{16}\ \Phi_{12}^{18}\ \Phi_{8}^{19}\ \Phi_{6}^{18}\ \Phi_{4}^{18}\ \Phi_{3}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
36433	805	216	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{17}{72}$	$\frac{55}{216}$	$\Phi_{216}^{5}\ \Phi_{108}^{5}\ \Phi_{54}^{5}\ \Phi_{27}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
36434	805	128	$\frac{13}{128}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{128}^{7}\ \Phi_{64}^{7}\ \Phi_{32}^{7}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
36435	805	56	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{5}{28}$	$\frac{1}{4}$	$\Phi_{56}^{16}\ \Phi_{28}^{12}\ \Phi_{14}^{12}\ \Phi_{8}^{19}\ \Phi_{7}^{12}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
36436	805	192	$\frac{1}{12}$	$\frac{31}{192}$	$\frac{37}{192}$	$\frac{11}{48}$	$\Phi_{192}^{4}\ \Phi_{96}^{4}\ \Phi_{64}^{4}\ \Phi_{48}^{5}\ \Phi_{32}^{4}\ \Phi_{24}^{5}\ \Phi_{16}^{5}\ \Phi_{12}^{4}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
36437	806	644	$\frac{1}{161}$	$\frac{81}{322}$	$\frac{241}{644}$	$\frac{80}{161}$	$\Phi_{644}^{2}\ \Phi_{161}\ \Phi_{92}^{2}\ \Phi_{28}^{2}\ \Phi_{23}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
36438	806	800	$\frac{3}{400}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{397}{800}$	$\Phi_{800}^{2}\ \Phi_{160}^{2}\ \Phi_{32}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
36439	806	2400	$\frac{3}{400}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{397}{800}$	$\Phi_{2400}\ \Phi_{480}\ \Phi_{96}\ \Phi_{12}\ \Phi_{6}$
36440	806	690	$\frac{1}{115}$	$\frac{58}{345}$	$\frac{287}{690}$	$\frac{57}{115}$	$\Phi_{690}^{2}\ \Phi_{230}^{2}\ \Phi_{138}^{2}\ \Phi_{115}\ \Phi_{46}^{2}\ \Phi_{30}^{2}\ \Phi_{23}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
36441	806	798	$\frac{4}{399}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{395}{798}$	$\Phi_{798}^{2}\ \Phi_{266}^{2}\ \Phi_{114}^{2}\ \Phi_{42}^{2}\ \Phi_{38}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
36442	806	795	$\frac{11}{795}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{392}{795}$	$\Phi_{795}\ \Phi_{265}\ \Phi_{159}\ \Phi_{53}\ \Phi_{15}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
36443	806	540	$\frac{2}{135}$	$\frac{1}{5}$	$\frac{137}{540}$	$\frac{133}{270}$	$\Phi_{540}^{2}\ \Phi_{180}^{2}\ \Phi_{135}^{2}\ \Phi_{108}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
36444	806	1464	$\frac{1}{61}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{30}{61}$	$\Phi_{1464}\ \Phi_{488}\ \Phi_{61}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
36445	806	915	$\frac{1}{61}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{30}{61}$	$\Phi_{915}\ \Phi_{305}\ \Phi_{61}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
36446	806	1098	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{30}{61}$	$\Phi_{1098}\ \Phi_{549}\ \Phi_{61}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
36447	806	976	$\frac{1}{61}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{30}{61}$	$\Phi_{976}\ \Phi_{488}\ \Phi_{61}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
36448	806	784	$\frac{11}{392}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{381}{784}$	$\Phi_{784}^{2}\ \Phi_{112}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
36449	806	770	$\frac{1}{35}$	$\frac{18}{385}$	$\frac{367}{770}$	$\frac{17}{35}$	$\Phi_{770}^{2}\ \Phi_{154}^{2}\ \Phi_{110}^{2}\ \Phi_{70}^{2}\ \Phi_{35}\ \Phi_{22}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
36450	806	782	$\frac{12}{391}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{379}{782}$	$\Phi_{782}^{2}\ \Phi_{46}^{2}\ \Phi_{34}^{2}\ \Phi_{23}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
36451	806	300	$\frac{1}{30}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{29}{60}$	$\Phi_{300}^{5}\ \Phi_{100}^{5}\ \Phi_{60}^{6}\ \Phi_{25}\ \Phi_{20}^{6}\ \Phi_{12}^{6}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
36452	806	420	$\frac{1}{30}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{420}^{4}\ \Phi_{140}^{4}\ \Phi_{84}^{4}\ \Phi_{60}^{2}\ \Phi_{42}\ \Phi_{28}^{4}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}^{2}$
36453	806	60	$\frac{1}{30}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{29}{60}$	$\Phi_{60}^{26}\ \Phi_{20}^{26}\ \Phi_{15}^{2}\ \Phi_{12}^{26}\ \Phi_{5}\ \Phi_{4}^{26}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
36454	806	825	$\frac{1}{25}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}^{2}\ \Phi_{25}\ \Phi_{11}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
36455	806	225	$\frac{1}{25}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{12}{25}$	$\Phi_{225}^{5}\ \Phi_{45}^{6}\ \Phi_{25}\ \Phi_{9}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
36456	806	200	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{12}{25}$	$\Phi_{200}^5\ \Phi_{100}^5\ \Phi_{40}^6\ \Phi_{25}\ \Phi_{20}^6\ \Phi_8^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
36457	806	175	$\frac{1}{25}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{175}^5\ \Phi_{35}^6\ \Phi_{25}\ \Phi_7^6\ \Phi_5\ \Phi_1^2$
36458	806	900	$\frac{1}{25}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{12}{25}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{100}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
36459	806	450	$\frac{2}{45}$	$\frac{47}{450}$	$\frac{1}{5}$	$\frac{43}{90}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
36460	806	42	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{42}^{19}\ \Phi_{21}^{20}\ \Phi_{14}^{18}\ \Phi_7^{19}\ \Phi_6^{19}\ \Phi_3^{20}\ \Phi_2^{18}\ \Phi_1^{20}$
36461	806	765	$\frac{41}{765}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{362}{765}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
36462	806	759	$\frac{1}{23}$	$\frac{47}{759}$	$\frac{22}{69}$	$\frac{356}{759}$	$\Phi_{759}\ \Phi_{253}\ \Phi_{69}^2\ \Phi_{33}\ \Phi_{23}\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
36463	806	552	$\frac{1}{23}$	$\frac{11}{138}$	$\frac{149}{552}$	$\frac{127}{276}$	$\Phi_{552}^2\ \Phi_{184}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
36464	806	96	$\frac{1}{32}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{96}^9\ \Phi_{48}^9\ \Phi_{32}^8\ \Phi_{24}^7\ \Phi_{16}^8\ \Phi_{12}^9\ \Phi_8^6\ \Phi_6^9\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
36465	806	736	$\frac{1}{23}$	$\frac{35}{368}$	$\frac{11}{46}$	$\frac{333}{736}$	$\Phi_{736}^2\ \Phi_{46}^2\ \Phi_{32}^2\ \Phi_{23}\ \Phi_2^2\ \Phi_1^2$
36466	806	735	$\frac{1}{35}$	$\frac{71}{735}$	$\frac{34}{105}$	$\frac{332}{735}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}\ \Phi_{105}^2\ \Phi_{49}\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
36467	806	1512	$\frac{1}{27}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{168}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
36468	806	56	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{56}^{26}\ \Phi_{14}^6\ \Phi_8^{26}\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
36469	806	288	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{32}^2\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
36470	806	252	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{252}^4\ \Phi_{126}^3\ \Phi_{84}^4\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{36}^2\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{18}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
36471	806	720	$\frac{2}{45}$	$\frac{43}{360}$	$\frac{1}{5}$	$\frac{317}{720}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
36472	806	560	$\frac{1}{35}$	$\frac{17}{140}$	$\frac{157}{560}$	$\frac{123}{280}$	$\Phi_{560}^2\ \Phi_{140}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
36473	806	420	$\frac{17}{420}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
36474	806	532	$\frac{4}{133}$	$\frac{1}{7}$	$\frac{129}{532}$	$\frac{3}{7}$	$\Phi_{532}^2\ \Phi_{266}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
36475	806	420	$\frac{17}{420}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
36476	806	70	$\frac{1}{14}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{70}^{14}\ \Phi_{35}^{12}\ \Phi_{14}^6\ \Phi_{10}^{14}\ \Phi_7^5\ \Phi_5^{12}\ \Phi_2^6\ \Phi_1^6$
36477	806	378	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^3\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{27}^2\ \Phi_{21}^3\ \Phi_{18}\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6\ \Phi_3^2\ \Phi_1^2$
36478	806	700	$\frac{1}{35}$	$\frac{53}{350}$	$\frac{17}{70}$	$\frac{297}{700}$	$\Phi_{700}^2\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
36479	806	690	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{58}{345}$	$\frac{287}{690}$	$\Phi_{690}^2\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{30}^2\ \Phi_{23}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
36480	806	675	$\frac{4}{135}$	$\frac{131}{675}$	$\frac{1}{5}$	$\frac{272}{675}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{135}^2\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
36481	806	600	$\frac{3}{200}$	$\frac{1}{5}$	$\frac{197}{600}$	$\frac{2}{5}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
36482	806	410	$\frac{7}{410}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{410}^2\ \Phi_{205}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_5\ \Phi_1^2$
36483	806	500	$\frac{3}{100}$	$\frac{97}{500}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{500}^2\ \Phi_{250}^2\ \Phi_{125}^2\ \Phi_5\ \Phi_1^2$
36484	806	480	$\frac{3}{80}$	$\frac{77}{480}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
36485	806	420	$\frac{17}{420}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
36486	806	425	$\frac{22}{425}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{425}^2\ \Phi_{85}^2\ \Phi_{17}^2\ \Phi_5\ \Phi_1^2$
36487	806	450	$\frac{3}{50}$	$\frac{47}{450}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
36488	806	440	$\frac{3}{40}$	$\frac{37}{440}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{440}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
36489	806	420	$\frac{17}{420}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
36490	806	460	$\frac{1}{23}$	$\frac{57}{460}$	$\frac{11}{46}$	$\frac{35}{92}$	$\Phi_{460}^2\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
36491	806	408	$\frac{5}{408}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{24}\ \Phi_{17}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
36492	806	630	$\frac{1}{35}$	$\frac{17}{105}$	$\frac{88}{315}$	$\frac{227}{630}$	$\Phi_{630}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
36493	806	432	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{432}^3\ \Phi_{216}\ \Phi_{144}^3\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
36494	806	621	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{185}{621}$	$\frac{218}{621}$	$\Phi_{621}\ \Phi_{207}^2\ \Phi_{69}^2\ \Phi_{27}\ \Phi_{23}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
36495	806	609	$\frac{6}{203}$	$\frac{1}{7}$	$\frac{197}{609}$	$\frac{206}{609}$	$\Phi_{609}\ \Phi_{203}^2\ \Phi_{87}\ \Phi_{29}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
36496	806	606	$\frac{1}{101}$	$\frac{100}{303}$	$\frac{1}{3}$	$\frac{203}{606}$	$\Phi_{606}^2\ \Phi_{303}\ \Phi_{202}^2\ \Phi_6^2\ \Phi_2^2$
36497	806	480	$\frac{1}{32}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
36498	806	462	$\frac{2}{33}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{42}\ \Phi_{22}^2\ \Phi_{21}\ \Phi_6$
36499	806	600	$\frac{3}{200}$	$\frac{1}{4}$	$\frac{197}{600}$	$\frac{1}{3}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}^2\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
36500	806	630	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_6$
36501	806	288	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{288}^4\ \Phi_{144}^4\ \Phi_{96}\ \Phi_{72}^4\ \Phi_{48}\ \Phi_{36}^4\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
36502	806	1500	$\frac{3}{100}$	$\frac{97}{500}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{375}\ \Phi_{12}\ \Phi_6$
36503	806	96	$\frac{1}{32}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{96}^{13}\ \Phi_{48}^{12}\ \Phi_{24}^{12}\ \Phi_{12}^{13}\ \Phi_6^{13}\ \Phi_3^{12}$
36504	806	480	$\frac{3}{80}$	$\frac{77}{480}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
36505	806	420	$\frac{17}{420}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
36506	806	1320	$\frac{3}{40}$	$\frac{37}{440}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
36507	806	840	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{168}^2\ \Phi_{120}\ \Phi_{84}^2\ \Phi_{60}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
36508	806	165	$\frac{2}{33}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{165}^5\ \Phi_{55}^5\ \Phi_{33}^6\ \Phi_{15}^2\ \Phi_{11}^6\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
36509	806	210	$\frac{1}{14}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^6\ \Phi_{105}^5\ \Phi_{42}^7\ \Phi_{30}^6\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_6^7\ \Phi_3^6$
36510	806	1050	$\frac{1}{14}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{175}\ \Phi_{150}\ \Phi_{50}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
36511	806	252	$\frac{1}{14}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{63}^4\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6\ \Phi_4^2$
36512	806	588	$\frac{11}{196}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{185}{588}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{147}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
36513	806	45	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{14}{45}$	$\Phi_{45}^{26}\ \Phi_{15}^2\ \Phi_9^{26}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
36514	806	1134	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{162}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_6$
36515	806	552	$\frac{1}{23}$	$\frac{35}{184}$	$\frac{11}{46}$	$\frac{149}{552}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
36516	806	42	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{42}^{26}\ \Phi_{21}^{26}\ \Phi_{14}^6\ \Phi_7^5\ \Phi_6^{26}\ \Phi_3^{26}\ \Phi_2^6\ \Phi_1^6$
36517	806	540	$\frac{2}{45}$	$\frac{1}{5}$	$\frac{43}{180}$	$\frac{137}{540}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
36518	806	120	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{9}{40}$	$\Phi_{120}^{10}\ \Phi_{60}^{10}\ \Phi_{40}^6\ \Phi_{24}^{10}\ \Phi_{20}^6\ \Phi_{15}^2\ \Phi_{12}^{10}\ \Phi_8^6\ \Phi_5\ \Phi_4^6\ \Phi_3^2\ \Phi_1^2$
36519	806	448	$\frac{45}{448}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{448}^2\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
36520	806	490	$\frac{11}{98}$	$\frac{1}{7}$	$\frac{87}{490}$	$\frac{3}{14}$	$\Phi_{490}^2\ \Phi_{245}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
36521	806	105	$\frac{4}{35}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{105}^{10}\ \Phi_{35}^6\ \Phi_{21}^{10}\ \Phi_{15}^2\ \Phi_7^6\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
36522	806	180	$\frac{2}{15}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{180}^5\ \Phi_{90}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{36}^6\ \Phi_{20}^5\ \Phi_{18}^6\ \Phi_{15}^2\ \Phi_{12}^6\ \Phi_9^6\ \Phi_5\ \Phi_4^6\ \Phi_3^2\ \Phi_1^2$
36523	807	1068	$\frac{2}{267}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{265}{534}$	$\Phi_{1068}\ \Phi_{356}\ \Phi_{267}\ \Phi_{89}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
36524	807	360	$\frac{1}{90}$	$\frac{1}{4}$	$\frac{91}{360}$	$\frac{89}{180}$	$\Phi_{360}^3\ \Phi_{180}^2\ \Phi_{120}^3\ \Phi_{90}\ \Phi_{72}^3\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{40}^3\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
36525	807	1060	$\frac{4}{265}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{261}{530}$	$\Phi_{1060}\ \Phi_{265}\ \Phi_{212}\ \Phi_{53}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
36526	807	496	$\frac{1}{62}$	$\frac{21}{248}$	$\frac{227}{496}$	$\frac{61}{124}$	$\Phi_{496}^3\ \Phi_{124}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
36527	807	372	$\frac{1}{62}$	$\frac{21}{124}$	$\frac{103}{372}$	$\frac{61}{124}$	$\Phi_{372}^3\ \Phi_{186}^3\ \Phi_{124}\ \Phi_{93}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
36528	807	992	$\frac{1}{62}$	$\frac{185}{992}$	$\frac{63}{248}$	$\frac{61}{124}$	$\Phi_{992}\ \Phi_{496}\ \Phi_{124}\ \Phi_{32}\ \Phi_{16}\ \Phi_4\ \Phi_1$
36529	807	324	$\frac{1}{54}$	$\frac{55}{324}$	$\frac{1}{4}$	$\frac{53}{108}$	$\Phi_{324}^3\ \Phi_{162}^3\ \Phi_{108}^2\ \Phi_{81}^3\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
36530	807	528	$\frac{5}{264}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{259}{528}$	$\Phi_{528}^3\ \Phi_{176}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
36531	807	1044	$\frac{8}{261}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{253}{522}$	$\Phi_{1044}\ \Phi_{348}\ \Phi_{261}\ \Phi_{116}\ \Phi_{87}\ \Phi_{36}^2\ \Phi_{29}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
36532	807	300	$\frac{1}{30}$	$\frac{31}{300}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^2\ \Phi_{50}^3\ \Phi_{30}\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
36533	807	520	$\frac{9}{260}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{251}{520}$	$\Phi_{520}^3\ \Phi_{104}^3\ \Phi_{52}\ \Phi_{40}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
36534	807	520	$\frac{9}{260}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{251}{520}$	$\Phi_{520}^3\ \Phi_{104}^3\ \Phi_{40}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_1^3$
36535	807	520	$\frac{9}{260}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{251}{520}$	$\Phi_{520}^3\ \Phi_{104}^3\ \Phi_{40}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
36536	807	1040	$\frac{1}{26}$	$\frac{27}{260}$	$\frac{233}{1040}$	$\frac{25}{52}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{208}\ \Phi_{104}\ \Phi_{80}\ \Phi_{52}\ \Phi_{40}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
36537	807	312	$\frac{1}{26}$	$\frac{43}{312}$	$\frac{9}{52}$	$\frac{25}{52}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{78}^3\ \Phi_{52}\ \Phi_{39}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
36538	807	364	$\frac{4}{91}$	$\frac{1}{13}$	$\frac{95}{364}$	$\frac{87}{182}$	$\Phi_{364}^3\ \Phi_{91}^3\ \Phi_{52}^3\ \Phi_{28}^3\ \Phi_{13}^2\ \Phi_7^3\ \Phi_4^3\ \Phi_1^3$
36539	807	1020	$\frac{14}{255}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{241}{510}$	$\Phi_{1020}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}^2\ \Phi_{51}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
36540	807	288	$\frac{1}{18}$	$\frac{19}{288}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^2\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_9\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
36541	807	504	$\frac{1}{18}$	$\frac{17}{252}$	$\frac{1}{4}$	$\frac{235}{504}$	$\Phi_{504}^3\ \Phi_{168}^3\ \Phi_{72}^3\ \Phi_{56}^3\ \Phi_{36}^2\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
36542	807	496	$\frac{1}{31}$	$\frac{21}{248}$	$\frac{10}{31}$	$\frac{227}{496}$	$\Phi_{496}^3\ \Phi_{31}^2\ \Phi_{16}^3\ \Phi_1^3$
36543	807	280	$\frac{11}{280}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{280}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{14}^3\ \Phi_{10}\ \Phi_8^3\ \Phi_7^3\ \Phi_5\ \Phi_4\ \Phi_1$
36544	807	312	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{43}{312}$	$\frac{35}{78}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{24}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
36545	807	972	$\frac{1}{27}$	$\frac{26}{243}$	$\frac{1}{4}$	$\frac{217}{486}$	$\Phi_{972}\ \Phi_{324}\ \Phi_{243}\ \Phi_{108}^2\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
36546	807	372	$\frac{1}{31}$	$\frac{10}{93}$	$\frac{103}{372}$	$\frac{83}{186}$	$\Phi_{372}^3\ \Phi_{124}^3\ \Phi_{93}^3\ \Phi_{31}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
36547	807	1456	$\frac{1}{26}$	$\frac{79}{728}$	$\frac{25}{104}$	$\frac{649}{1456}$	$\Phi_{1456}\ \Phi_{208}\ \Phi_{112}\ \Phi_{104}\ \Phi_{52}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
36548	807	1456	$\frac{1}{13}$	$\frac{79}{728}$	$\frac{12}{91}$	$\frac{649}{1456}$	$\Phi_{1456}\ \Phi_{208}\ \Phi_{112}\ \Phi_{91}\ \Phi_{16}\ \Phi_7\ \Phi_1$
36549	807	480	$\frac{1}{30}$	$\frac{29}{240}$	$\frac{1}{4}$	$\frac{211}{480}$	$\Phi_{480}^3\ \Phi_{160}^3\ \Phi_{96}^3\ \Phi_{60}^2\ \Phi_{32}^3\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
36550	807	910	$\frac{1}{13}$	$\frac{103}{910}$	$\frac{12}{91}$	$\frac{79}{182}$	$\Phi_{910}\ \Phi_{455}\ \Phi_{130}\ \Phi_{91}\ \Phi_{70}\ \Phi_{65}\ \Phi_{35}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
36551	807	468	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{35}{234}$	$\frac{199}{468}$	$\Phi_{468}^3\ \Phi_{156}^3\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{36}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
36552	807	276	$\frac{7}{276}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{276}^3\ \Phi_{138}^3\ \Phi_{92}^3\ \Phi_{69}^3\ \Phi_{46}^3\ \Phi_{23}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
36553	807	900	$\frac{1}{45}$	$\frac{44}{225}$	$\frac{1}{4}$	$\frac{181}{450}$	$\Phi_{900}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}^2\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
36554	807	432	$\frac{1}{54}$	$\frac{53}{216}$	$\frac{1}{4}$	$\frac{163}{432}$	$\Phi_{432}^3\ \Phi_{144}^3\ \Phi_{108}^2\ \Phi_{54}\ \Phi_{48}^3\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
36555	807	279	$\frac{10}{279}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{279}^3\ \Phi_{93}^3\ \Phi_{31}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^3$
36556	807	416	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{61}{208}$	$\frac{147}{416}$	$\Phi_{416}^3\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}^3\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
36557	807	286	$\frac{17}{286}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{286}^3\ \Phi_{143}^3\ \Phi_{22}^3\ \Phi_{13}^2\ \Phi_{11}^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
36558	807	310	$\frac{1}{31}$	$\frac{41}{310}$	$\frac{10}{31}$	$\frac{21}{62}$	$\Phi_{310}^3\ \Phi_{155}^3\ \Phi_{31}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1^3$
36559	807	403	$\frac{4}{403}$	$\frac{133}{403}$	$\frac{134}{403}$	$\frac{135}{403}$	$\Phi_{403}^2\ \Phi_{31}^2\ \Phi_{13}^2\ \Phi_1^3$
36560	807	372	$\frac{1}{31}$	$\frac{21}{124}$	$\frac{103}{372}$	$\frac{10}{31}$	$\Phi_{372}^3\ \Phi_{186}^3\ \Phi_{93}^3\ \Phi_{31}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
36561	807	324	$\frac{1}{27}$	$\frac{55}{324}$	$\frac{1}{4}$	$\frac{26}{81}$	$\Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^3\ \Phi_{81}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
36562	807	396	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{127}{396}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{99}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
36563	807	390	$\frac{9}{130}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{121}{390}$	$\Phi_{390}^3\ \Phi_{195}^3\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{13}^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
36564	807	780	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{121}{390}$	$\Phi_{780}^2\ \Phi_{390}\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{78}\ \Phi_{60}^2\ \Phi_{39}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
36565	807	312	$\frac{1}{13}$	$\frac{43}{312}$	$\frac{9}{52}$	$\frac{4}{13}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{24}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
36566	807	325	$\frac{1}{13}$	$\frac{9}{65}$	$\frac{56}{325}$	$\frac{4}{13}$	$\Phi_{325}^3\ \Phi_{25}^3\ \Phi_{13}^2\ \Phi_1^3$
36567	807	351	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{82}{351}$	$\frac{35}{117}$	$\Phi_{351}^3\ \Phi_{39}^3\ \Phi_{27}^3\ \Phi_{13}^2\ \Phi_3^3\ \Phi_1^3$
36568	807	756	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{1}{4}$	$\frac{109}{378}$	$\Phi_{756}^2\ \Phi_{378}\ \Phi_{189}\ \Phi_{108}^2\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
36569	807	364	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{79}{364}$	$\frac{95}{364}$	$\Phi_{364}^2\ \Phi_{182}^2\ \Phi_{91}^3\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
36570	807	360	$\frac{1}{30}$	$\frac{29}{120}$	$\frac{1}{4}$	$\frac{91}{360}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
36571	807	288	$\frac{19}{288}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
36572	807	660	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{330}$	$\frac{1}{4}$	$\Phi_{660}^2\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{110}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
36573	808	201	$\frac{1}{201}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{100}{201}$	$\Phi_{201}^4\ \Phi_{67}^4\ \Phi_3^5\ \Phi_1^6$
36574	808	807	$\frac{5}{807}$	$\frac{203}{807}$	$\frac{302}{807}$	$\frac{401}{807}$	$\Phi_{807}\ \Phi_{269}\ \Phi_3\ \Phi_1^2$
36575	808	135	$\frac{1}{135}$	$\frac{34}{135}$	$\frac{1}{3}$	$\frac{67}{135}$	$\Phi_{135}^6\ \Phi_{45}^6\ \Phi_{27}^6\ \Phi_{15}^6\ \Phi_9^6\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
36576	808	801	$\frac{7}{801}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{397}{801}$	$\Phi_{801}\ \Phi_{267}\ \Phi_{89}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
36577	808	1400	$\frac{1}{100}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{99}{200}$	$\Phi_{1400}\ \Phi_{280}\ \Phi_{200}^2\ \Phi_{56}\ \Phi_{40}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
36578	808	600	$\frac{1}{100}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{99}{200}$	$\Phi_{600}^4\ \Phi_{120}^4\ \Phi_{24}^4\ \Phi_{15}$
36579	808	269	$\frac{3}{269}$	$\frac{67}{269}$	$\frac{68}{269}$	$\frac{133}{269}$	$\Phi_{269}^3\ \Phi_1^4$
36580	808	243	$\frac{1}{81}$	$\frac{41}{243}$	$\frac{1}{3}$	$\frac{40}{81}$	$\Phi_{243}^4\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
36581	808	795	$\frac{13}{795}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{391}{795}$	$\Phi_{795}\ \Phi_{265}\ \Phi_{159}\ \Phi_{53}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
36582	808	198	$\frac{2}{99}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{97}{198}$	$\Phi_{198}^8\ \Phi_{66}^8\ \Phi_{22}^8\ \Phi_{18}^8\ \Phi_9^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
36583	808	225	$\frac{1}{45}$	$\frac{23}{225}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{225}^4\ \Phi_{75}^4\ \Phi_{45}^2\ \Phi_{25}^4\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
36584	808	1224	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{35}{136}$	$\frac{33}{68}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{306}\ \Phi_{153}\ \Phi_{102}\ \Phi_{72}\ \Phi_{51}\ \Phi_{24}\ \Phi_{18}\ \Phi_6$
36585	808	980	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{95}{196}$	$\Phi_{980}^2\ \Phi_{140}^2\ \Phi_{35}\ \Phi_{20}^2$
36586	808	783	$\frac{25}{783}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{379}{783}$	$\Phi_{783}\ \Phi_{261}\ \Phi_{87}\ \Phi_{29}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
36587	808	580	$\frac{1}{29}$	$\frac{15}{116}$	$\frac{1}{5}$	$\frac{14}{29}$	$\Phi_{580}^2\ \Phi_{290}^2\ \Phi_{145}\ \Phi_{20}^2\ \Phi_{10}^2$
36588	808	195	$\frac{7}{195}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{94}{195}$	$\Phi_{195}^4\ \Phi_{65}^4\ \Phi_{39}^4\ \Phi_{15}^6\ \Phi_{13}^4\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
36589	808	108	$\frac{1}{27}$	$\frac{7}{108}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{108}^8\ \Phi_{54}^8\ \Phi_{36}^8\ \Phi_{27}^6\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^6\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
36590	808	576	$\frac{5}{96}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{91}{192}$	$\Phi_{576}^3\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
36591	808	765	$\frac{2}{45}$	$\frac{43}{765}$	$\frac{1}{3}$	$\frac{361}{765}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
36592	808	105	$\frac{4}{105}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{105}^8\ \Phi_{35}^8\ \Phi_{21}^8\ \Phi_{15}^6\ \Phi_7^8\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
36593	808	189	$\frac{1}{27}$	$\frac{13}{189}$	$\frac{1}{3}$	$\frac{88}{189}$	$\Phi_{189}^4\ \Phi_{63}^4\ \Phi_{27}^6\ \Phi_{21}^4\ \Phi_9^6\ \Phi_7^4\ \Phi_3^5\ \Phi_1^6$
36594	808	729	$\frac{2}{81}$	$\frac{79}{729}$	$\frac{1}{3}$	$\frac{325}{729}$	$\Phi_{729}\ \Phi_{243}\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
36595	808	207	$\frac{5}{207}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{207}^4\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
36596	808	180	$\frac{1}{45}$	$\frac{11}{90}$	$\frac{1}{3}$	$\frac{79}{180}$	$\Phi_{180}^8\ \Phi_{60}^8\ \Phi_{45}^2\ \Phi_{36}^8\ \Phi_{20}^8\ \Phi_{15}^2\ \Phi_{12}^8\ \Phi_9^2\ \Phi_5^2\ \Phi_4^8\ \Phi_3\ \Phi_1^2$
36597	808	1050	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{49}{150}$	$\frac{3}{7}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{210}\ \Phi_{150}^2\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
36598	808	728	$\frac{3}{104}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{104}^2\ \Phi_{91}\ \Phi_{56}\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
36599	808	105	$\frac{4}{105}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{105}^8\ \Phi_{35}^7\ \Phi_{21}^8\ \Phi_{15}^8\ \Phi_7^8\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
36600	808	875	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{24}{125}$	$\frac{3}{7}$	$\Phi_{875}\ \Phi_{125}^2\ \Phi_7\ \Phi_1^2$
36601	808	840	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{19}{120}$	$\frac{3}{7}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}^2\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
36602	808	770	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{770}\ \Phi_{385}\ \Phi_{154}\ \Phi_{110}^2\ \Phi_{77}\ \Phi_{55}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_1^2$
36603	808	870	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{1}{5}$	$\frac{73}{174}$	$\Phi_{870}^2\ \Phi_{290}^2\ \Phi_{145}\ \Phi_{30}^2\ \Phi_{10}^2$
36604	808	108	$\frac{7}{108}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{108}^8\ \Phi_{54}^8\ \Phi_{36}^5\ \Phi_{27}^8\ \Phi_{18}^8\ \Phi_{12}^6\ \Phi_9^7\ \Phi_6^8\ \Phi_4^6\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
36605	808	1530	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{16}{85}$	$\frac{69}{170}$	$\Phi_{1530}\ \Phi_{510}\ \Phi_{306}\ \Phi_{153}\ \Phi_{102}\ \Phi_{90}\ \Phi_{51}\ \Phi_{30}\ \Phi_{18}\ \Phi_6$
36606	808	675	$\frac{2}{135}$	$\frac{133}{675}$	$\frac{1}{3}$	$\frac{271}{675}$	$\Phi_{675}\ \Phi_{225}\ \Phi_{135}^2\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
36607	808	615	$\frac{3}{205}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{615}^2\ \Phi_{123}^2\ \Phi_{15}$
36608	808	162	$\frac{1}{81}$	$\frac{20}{81}$	$\frac{1}{3}$	$\frac{61}{162}$	$\Phi_{162}^8\ \Phi_{81}^2\ \Phi_{54}^8\ \Phi_{27}^2\ \Phi_{18}^8\ \Phi_9^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
36609	808	102	$\frac{1}{102}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{102}^8\ \Phi_{51}^8\ \Phi_{34}^8\ \Phi_{17}^8\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
36610	808	603	$\frac{2}{201}$	$\frac{199}{603}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{603}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
36611	808	402	$\frac{1}{67}$	$\frac{33}{134}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{402}^2\ \Phi_{201}\ \Phi_{134}^4\ \Phi_{67}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
36612	808	150	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{49}{150}$	$\frac{1}{3}$	$\Phi_{150}^4\ \Phi_{75}^4\ \Phi_{50}^8\ \Phi_{30}^4\ \Phi_{25}^8\ \Phi_{15}^5\ \Phi_{10}^8\ \Phi_6^4\ \Phi_5^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
36613	808	243	$\frac{2}{81}$	$\frac{41}{243}$	$\frac{79}{243}$	$\frac{1}{3}$	$\Phi_{243}^3\ \Phi_{81}^4\ \Phi_{27}^4\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
36614	808	297	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{95}{297}$	$\frac{1}{3}$	$\Phi_{297}^4\ \Phi_{27}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
36615	808	585	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{181}{585}$	$\frac{1}{3}$	$\Phi_{585}^2\ \Phi_{117}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
36616	808	567	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{163}{567}$	$\frac{1}{3}$	$\Phi_{567}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
36617	808	135	$\frac{1}{45}$	$\frac{11}{45}$	$\frac{34}{135}$	$\frac{1}{3}$	$\Phi_{135}^8\ \Phi_{45}^2\ \Phi_{27}^8\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
36618	808	1560	$\frac{3}{104}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{120}\ \Phi_{15}$
36619	808	396	$\frac{2}{33}$	$\frac{1}{9}$	$\frac{31}{132}$	$\frac{1}{3}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^3\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
36620	808	108	$\frac{7}{108}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{108}^8\ \Phi_{54}^8\ \Phi_{36}^8\ \Phi_{27}^8\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^2\ \Phi_6^8\ \Phi_4^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
36621	808	105	$\frac{4}{105}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^8\ \Phi_{35}^8\ \Phi_{21}^8\ \Phi_{15}^5\ \Phi_7^8\ \Phi_5^8\ \Phi_3^4\ \Phi_1^8$
36622	808	375	$\frac{1}{25}$	$\frac{24}{125}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{375}^4\ \Phi_{15}$
36623	808	1275	$\frac{21}{425}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1275}\ \Phi_{255}\ \Phi_{51}\ \Phi_{15}$
36624	808	120	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{120}^8\ \Phi_{60}^4\ \Phi_{40}^8\ \Phi_{30}^4\ \Phi_{24}^8\ \Phi_{20}^8\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^8\ \Phi_8^8\ \Phi_6^4\ \Phi_5^8\ \Phi_4^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
36625	808	225	$\frac{2}{25}$	$\frac{23}{225}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{225}^4\ \Phi_{75}^2\ \Phi_{45}^4\ \Phi_{25}^4\ \Phi_{15}^3\ \Phi_9^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
36626	808	330	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_{15}$
36627	808	495	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{495}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
36628	808	1305	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{59}{261}$	$\frac{28}{87}$	$\Phi_{1305}\ \Phi_{145}\ \Phi_{45}$
36629	808	735	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{46}{147}$	$\Phi_{735}^2\ \Phi_{105}^2\ \Phi_{35}\ \Phi_{15}^2$
36630	808	144	$\frac{5}{48}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{43}{144}$	$\Phi_{144}^5\ \Phi_{72}^5\ \Phi_{48}^6\ \Phi_{36}^5\ \Phi_{24}^6\ \Phi_{18}^8\ \Phi_{16}^6\ \Phi_{12}^6\ \Phi_9^7\ \Phi_8^6\ \Phi_6^8\ \Phi_4^6\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
36631	808	560	$\frac{11}{112}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{20}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
36632	808	360	$\frac{1}{9}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^2\ \Phi_{90}^3\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
36633	808	245	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{245}$	$\frac{1}{5}$	$\Phi_{245}^3\ \Phi_{49}^4\ \Phi_{35}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
36634	809	1600	$\frac{9}{800}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{791}{1600}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
36635	809	1584	$\frac{17}{792}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{775}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
36636	809	1088	$\frac{7}{272}$	$\frac{1}{8}$	$\frac{279}{1088}$	$\frac{265}{544}$	$\Phi_{1088}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{64}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
36637	809	928	$\frac{3}{116}$	$\frac{119}{928}$	$\frac{1}{4}$	$\frac{113}{232}$	$\Phi_{928}\ \Phi_{464}\ \Phi_{116}\ \Phi_{58}\ \Phi_{32}\ \Phi_{29}\ \Phi_{16}\ \Phi_1$
36638	809	1568	$\frac{25}{784}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{759}{1568}$	$\Phi_{1568}\ \Phi_{224}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
36639	809	1536	$\frac{41}{768}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{727}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
36640	809	840	$\frac{31}{840}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
36641	809	1200	$\frac{9}{400}$	$\frac{1}{8}$	$\frac{391}{1200}$	$\frac{7}{16}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
36642	809	832	$\frac{23}{832}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
36643	809	960	$\frac{9}{160}$	$\frac{1}{8}$	$\frac{151}{960}$	$\frac{7}{16}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
36644	809	880	$\frac{71}{880}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
36645	809	864	$\frac{55}{864}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
36646	809	1392	$\frac{3}{116}$	$\frac{113}{696}$	$\frac{1}{4}$	$\frac{583}{1392}$	$\Phi_{1392}\ \Phi_{464}\ \Phi_{116}\ \Phi_{58}\ \Phi_{48}\ \Phi_{29}\ \Phi_{16}\ \Phi_1$
36647	809	1360	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{129}{680}$	$\frac{551}{1360}$	$\Phi_{1360}\ \Phi_{272}\ \Phi_{136}\ \Phi_{80}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
36648	809	1212	$\frac{1}{101}$	$\frac{100}{303}$	$\frac{403}{1212}$	$\frac{203}{606}$	$\Phi_{1212}\ \Phi_{404}\ \Phi_{303}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
36649	809	1044	$\frac{3}{116}$	$\frac{235}{1044}$	$\frac{1}{4}$	$\frac{113}{348}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{261}\ \Phi_{116}\ \Phi_{58}\ \Phi_{36}\ \Phi_{29}\ \Phi_{18}\ \Phi_9\ \Phi_1$
36650	809	1176	$\frac{25}{392}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{367}{1176}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
36651	809	1152	$\frac{41}{384}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{343}{1152}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
36652	809	864	$\frac{55}{864}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
36653	809	1056	$\frac{17}{264}$	$\frac{1}{8}$	$\frac{247}{1056}$	$\frac{7}{24}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{176}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
36654	809	896	$\frac{87}{896}$	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
36655	809	980	$\frac{3}{28}$	$\frac{25}{196}$	$\frac{171}{980}$	$\frac{1}{4}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
36656	809	960	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{151}{960}$	$\frac{41}{192}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
36657	810	1288	$\frac{1}{161}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{80}{161}$	$\Phi_{1288}\ \Phi_{184}\ \Phi_{161}\ \Phi_{56}\ \Phi_{23}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
36658	810	1340	$\frac{1}{134}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{133}{268}$	$\Phi_{1340}\ \Phi_{268}^2\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
36659	810	804	$\frac{1}{134}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{133}{268}$	$\Phi_{804}\ \Phi_{402}^2\ \Phi_{201}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
36660	810	1424	$\frac{1}{89}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{44}{89}$	$\Phi_{1424}\ \Phi_{89}\ \Phi_{16}^2\ \Phi_1^2$
36661	810	356	$\frac{1}{89}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{44}{89}$	$\Phi_{356}^2\ \Phi_{178}^2\ \Phi_{89}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
36662	810	1440	$\frac{1}{80}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{79}{160}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}^2\ \Phi_{96}\ \Phi_{32}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
36663	810	480	$\frac{1}{80}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{79}{160}$	$\Phi_{480}^3\ \Phi_{160}^4\ \Phi_{96}^3\ \Phi_{32}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
36664	810	798	$\frac{2}{133}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{131}{266}$	$\Phi_{798}^3\ \Phi_{114}^3\ \Phi_{42}^3\ \Phi_{21}\ \Phi_6^3$
36665	810	809	$\frac{13}{809}$	$\frac{137}{809}$	$\frac{224}{809}$	$\frac{398}{809}$	$\Phi_{809}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
36666	810	1392	$\frac{1}{58}$	$\frac{59}{464}$	$\frac{1}{3}$	$\frac{57}{116}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{174}\ \Phi_{87}\ \Phi_{48}\ \Phi_{24}\ \Phi_{6}$
36667	810	1084	$\frac{5}{271}$	$\frac{46}{271}$	$\frac{1}{4}$	$\frac{133}{271}$	$\Phi_{1084}\ \Phi_{542}$
36668	810	1484	$\frac{1}{53}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{26}{53}$	$\Phi_{1484}\ \Phi_{212}\ \Phi_{53}\ \Phi_{28}^2\ \Phi_{4}^2\ \Phi_{1}^2$
36669	810	371	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{26}{53}$	$\Phi_{371}^2\ \Phi_{53}^3\ \Phi_{7}^4\ \Phi_{1}^6$
36670	810	636	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{26}{53}$	$\Phi_{636}^2\ \Phi_{318}\ \Phi_{212}\ \Phi_{159}\ \Phi_{53}\ \Phi_{12}^4\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
36671	810	1496	$\frac{1}{44}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{43}{88}$	$\Phi_{1496}\ \Phi_{136}\ \Phi_{88}^2\ \Phi_{17}\ \Phi_{8}^2\ \Phi_{1}^2$
36672	810	1320	$\frac{1}{44}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{1320}^2\ \Phi_{264}\ \Phi_{120}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{6}$
36673	810	1496	$\frac{1}{44}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{43}{88}$	$\Phi_{1496}\ \Phi_{136}\ \Phi_{88}^2\ \Phi_{17}\ \Phi_{8}^2\ \Phi_{1}^2$
36674	810	616	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{43}{88}$	$\Phi_{616}^3\ \Phi_{56}^3\ \Phi_{28}\ \Phi_{14}$
36675	810	809	$\frac{21}{809}$	$\frac{83}{809}$	$\frac{242}{809}$	$\frac{394}{809}$	$\Phi_{809}\ \Phi_{1}^2$
36676	810	978	$\frac{5}{163}$	$\frac{1}{6}$	$\frac{28}{163}$	$\frac{79}{163}$	$\Phi_{978}\ \Phi_{489}\ \Phi_{326}$
36677	810	809	$\frac{25}{809}$	$\frac{134}{809}$	$\frac{139}{809}$	$\frac{392}{809}$	$\Phi_{809}\ \Phi_{1}^2$
36678	810	2352	$\frac{13}{392}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{379}{784}$	$\Phi_{2352}\ \Phi_{336}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
36679	810	1084	$\frac{9}{271}$	$\frac{28}{271}$	$\frac{1}{4}$	$\frac{131}{271}$	$\Phi_{1084}\ \Phi_{542}$
36680	810	1508	$\frac{1}{29}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{14}{29}$	$\Phi_{1508}\ \Phi_{116}\ \Phi_{52}^2\ \Phi_{29}\ \Phi_{4}^2\ \Phi_{1}^2$
36681	810	377	$\frac{1}{29}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{14}{29}$	$\Phi_{377}^2\ \Phi_{29}^3\ \Phi_{13}^4\ \Phi_{1}^6$
36682	810	580	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{580}^2\ \Phi_{290}\ \Phi_{145}\ \Phi_{116}\ \Phi_{29}\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
36683	810	624	$\frac{1}{26}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{156}\ \Phi_{78}^2\ \Phi_{48}^3\ \Phi_{39}^2\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_{6}^3\ \Phi_{3}^2$
36684	810	1508	$\frac{1}{26}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{25}{52}$	$\Phi_{1508}\ \Phi_{116}\ \Phi_{52}^2\ \Phi_{29}\ \Phi_{4}^2\ \Phi_{1}^2$
36685	810	572	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{572}\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{44}^2\ \Phi_{22}^3\ \Phi_{11}^2$
36686	810	1508	$\frac{1}{26}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{25}{52}$	$\Phi_{1508}\ \Phi_{116}\ \Phi_{52}^2\ \Phi_{29}\ \Phi_{4}^2\ \Phi_{1}^2$
36687	810	1092	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{25}{52}$	$\Phi_{1092}^2\ \Phi_{364}\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
36688	810	809	$\frac{37}{809}$	$\frac{47}{809}$	$\frac{254}{809}$	$\frac{386}{809}$	$\Phi_{809}\ \Phi_{1}^2$
36689	810	1792	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{121}{256}$	$\Phi_{1792}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
36690	810	910	$\frac{5}{91}$	$\frac{1}{10}$	$\frac{16}{91}$	$\frac{43}{91}$	$\Phi_{910}\ \Phi_{455}\ \Phi_{182}\ \Phi_{130}\ \Phi_{70}\ \Phi_{65}\ \Phi_{35}\ \Phi_{26}\ \Phi_{14}$
36691	810	374	$\frac{1}{22}$	$\frac{1}{17}$	$\frac{7}{22}$	$\frac{8}{17}$	$\Phi_{374}^2\ \Phi_{187}^2\ \Phi_{34}^2\ \Phi_{22}^4\ \Phi_{17}^3\ \Phi_{11}^4\ \Phi_{2}^4\ \Phi_{1}^6$
36692	810	272	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{272}^3\ \Phi_{136}^3\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{17}^3\ \Phi_{16}^6\ \Phi_{8}^6\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
36693	810	187	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{8}{17}$	$\Phi_{187}^4\ \Phi_{17}^5\ \Phi_{11}^8\ \Phi_{1}^{10}$
36694	810	510	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{510}^2\ \Phi_{255}^2\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{51}\ \Phi_{30}^4\ \Phi_{17}\ \Phi_{15}^4\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^2$
36695	810	809	$\frac{49}{809}$	$\frac{74}{809}$	$\frac{143}{809}$	$\frac{380}{809}$	$\Phi_{809}\ \Phi_{1}^2$
36696	810	1084	$\frac{16}{271}$	$\frac{17}{271}$	$\frac{1}{4}$	$\frac{127}{271}$	$\Phi_{1084}\ \Phi_{542}$
36697	810	84	$\frac{1}{28}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{84}^{14}\ \Phi_{42}^{15}\ \Phi_{21}^{15}\ \Phi_{12}^{14}\ \Phi_{6}^{15}\ \Phi_{3}^{14}$
36698	810	1484	$\frac{2}{53}$	$\frac{1}{14}$	$\frac{17}{53}$	$\frac{13}{28}$	$\Phi_{1484}\ \Phi_{212}\ \Phi_{53}\ \Phi_{28}^2\ \Phi_{4}^2\ \Phi_{1}^2$
36699	810	532	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{532}\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{76}^2\ \Phi_{38}^3\ \Phi_{19}^2$
36700	810	1484	$\frac{1}{14}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{13}{28}$	$\Phi_{1484}\ \Phi_{212}\ \Phi_{53}\ \Phi_{28}^2\ \Phi_{4}^2\ \Phi_{1}^2$
36701	810	140	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{140}^{12}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^6\ \Phi_{20}^{12}\ \Phi_{14}\ \Phi_{4}^6$
36702	810	2262	$\frac{1}{29}$	$\frac{28}{377}$	$\frac{1}{3}$	$\frac{349}{754}$	$\Phi_{2262}\ \Phi_{174}\ \Phi_{87}\ \Phi_{78}\ \Phi_{6}$
36703	810	809	$\frac{29}{809}$	$\frac{61}{809}$	$\frac{260}{809}$	$\frac{374}{809}$	$\Phi_{809}\ \Phi_{1}^2$
36704	810	260	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{7}{52}$	$\frac{6}{13}$	$\Phi_{260}^4\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{20}^4\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
36705	810	400	$\frac{1}{16}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{400}^2\ \Phi_{200}^2\ \Phi_{100}^2\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
36706	810	809	$\frac{49}{809}$	$\frac{73}{809}$	$\frac{152}{809}$	$\frac{368}{809}$	$\Phi_{809}\ \Phi_1^2$
36707	810	176	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{176}^5\ \Phi_{88}^5\ \Phi_{44}^5\ \Phi_{22}^5\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4$
36708	810	910	$\frac{9}{91}$	$\frac{1}{10}$	$\frac{10}{91}$	$\frac{41}{91}$	$\Phi_{910}\ \Phi_{455}\ \Phi_{182}\ \Phi_{130}\ \Phi_{70}\ \Phi_{65}\ \Phi_{35}\ \Phi_{26}\ \Phi_{14}$
36709	810	809	$\frac{80}{809}$	$\frac{81}{809}$	$\frac{89}{809}$	$\frac{364}{809}$	$\Phi_{809}\ \Phi_1^2$
36710	810	978	$\frac{10}{163}$	$\frac{17}{163}$	$\frac{1}{6}$	$\frac{73}{163}$	$\Phi_{978}\ \Phi_{489}\ \Phi_{326}$
36711	810	809	$\frac{44}{809}$	$\frac{85}{809}$	$\frac{149}{809}$	$\frac{362}{809}$	$\Phi_{809}\ \Phi_1^2$
36712	810	1084	$\frac{10}{271}$	$\frac{29}{271}$	$\frac{1}{4}$	$\frac{121}{271}$	$\Phi_{1084}\ \Phi_{542}$
36713	810	360	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{13}{40}$	$\frac{4}{9}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^4\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^4\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_6^2\ \Phi_5^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^6$
36714	810	252	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{36}^2\ \Phi_{28}^6\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^6\ \Phi_{12}^2\ \Phi_9^3\ \Phi_7^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^6$
36715	810	765	$\frac{4}{85}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}\ \Phi_{85}^2\ \Phi_{51}\ \Phi_{17}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
36716	810	900	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{19}{100}$	$\frac{4}{9}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
36717	810	288	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{5}{32}$	$\frac{4}{9}$	$\Phi_{288}^3\ \Phi_{144}^2\ \Phi_{96}^3\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^6\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^4\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^6$
36718	810	792	$\frac{7}{88}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
36719	810	90	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{90}^8\ \Phi_{45}^8\ \Phi_{30}^8\ \Phi_{18}^8\ \Phi_{15}^8\ \Phi_{10}^{16}\ \Phi_9^9\ \Phi_6^8\ \Phi_5^{16}\ \Phi_3^9\ \Phi_2^{16}\ \Phi_1^{18}$
36720	810	1104	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1104}^2\ \Phi_{138}\ \Phi_{69}\ \Phi_{48}\ \Phi_6$
36721	810	1424	$\frac{2}{89}$	$\frac{1}{8}$	$\frac{29}{89}$	$\frac{7}{16}$	$\Phi_{1424}\ \Phi_{89}\ \Phi_{16}^2\ \Phi_1^2$
36722	810	496	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{496}^3\ \Phi_{124}\ \Phi_{62}$
36723	810	1424	$\frac{4}{89}$	$\frac{1}{8}$	$\frac{17}{89}$	$\frac{7}{16}$	$\Phi_{1424}\ \Phi_{89}\ \Phi_{16}^2\ \Phi_1^2$
36724	810	912	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{912}^2\ \Phi_{304}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
36725	810	1424	$\frac{5}{89}$	$\frac{1}{8}$	$\frac{14}{89}$	$\frac{7}{16}$	$\Phi_{1424}\ \Phi_{89}\ \Phi_{16}^2\ \Phi_1^2$
36726	810	112	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{112}^8\ \Phi_{56}^9\ \Phi_{28}^9\ \Phi_{14}^9\ \Phi_7^8$
36727	810	1424	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1424}\ \Phi_{89}\ \Phi_{16}^2\ \Phi_1^2$
36728	810	880	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{880}^2\ \Phi_{176}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
36729	810	238	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{1}{7}$	$\frac{103}{238}$	$\Phi_{238}^6\ \Phi_{119}\ \Phi_{34}^6\ \Phi_{14}^6\ \Phi_2^6$
36730	810	809	$\frac{17}{809}$	$\frac{109}{809}$	$\frac{264}{809}$	$\frac{350}{809}$	$\Phi_{809}\ \Phi_1^2$
36731	810	490	$\frac{4}{49}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{490}^2\ \Phi_{245}^2\ \Phi_{98}^2\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
36732	810	130	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{2}{13}$	$\frac{11}{26}$	$\Phi_{130}^7\ \Phi_{65}^7\ \Phi_{26}\ \Phi_{13}^6\ \Phi_{10}^6\ \Phi_5^6\ \Phi_1^6$
36733	810	868	$\frac{1}{28}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{868}\ \Phi_{434}\ \Phi_{217}\ \Phi_{124}\ \Phi_{62}$
36734	810	696	$\frac{1}{58}$	$\frac{19}{116}$	$\frac{1}{3}$	$\frac{97}{232}$	$\Phi_{696}^3\ \Phi_{174}\ \Phi_{87}\ \Phi_{24}^3\ \Phi_6$
36735	810	809	$\frac{53}{809}$	$\frac{84}{809}$	$\frac{145}{809}$	$\frac{332}{809}$	$\Phi_{809}\ \Phi_1^2$
36736	810	910	$\frac{6}{91}$	$\frac{1}{10}$	$\frac{17}{91}$	$\frac{37}{91}$	$\Phi_{910}\ \Phi_{455}\ \Phi_{182}\ \Phi_{130}\ \Phi_{70}\ \Phi_{65}\ \Phi_{35}\ \Phi_{26}\ \Phi_{14}$
36737	810	809	$\frac{24}{809}$	$\frac{157}{809}$	$\frac{161}{809}$	$\frac{326}{809}$	$\Phi_{809}\ \Phi_1^2$
36738	810	1084	$\frac{6}{271}$	$\frac{53}{271}$	$\frac{1}{4}$	$\frac{109}{271}$	$\Phi_{1084}\ \Phi_{542}$
36739	810	335	$\frac{1}{67}$	$\frac{1}{5}$	$\frac{22}{67}$	$\frac{2}{5}$	$\Phi_{335}^2\ \Phi_{67}^4\ \Phi_5^3\ \Phi_1^6$
36740	810	460	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{460}^2\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}^4\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
36741	810	335	$\frac{2}{67}$	$\frac{13}{67}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{335}^2\ \Phi_{67}^4\ \Phi_5^3\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
36742	810	420	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}\ \Phi_{105}^2\ \Phi_{84}^4\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{42}^4\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{21}^4$ $\Phi_{20}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
36743	810	335	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{335}^2\ \Phi_{67}^4\ \Phi_5^3\ \Phi_1^6$
36744	810	80	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{80}^{11}\ \Phi_{40}^{11}\ \Phi_{20}^{11}\ \Phi_{16}^{10}\ \Phi_{10}^5\ \Phi_8^{10}\ \Phi_5^6\ \Phi_4^{10}\ \Phi_2^4\ \Phi_1^6$
36745	810	809	$\frac{11}{809}$	$\frac{181}{809}$	$\frac{266}{809}$	$\frac{314}{809}$	$\Phi_{809}\ \Phi_1^2$
36746	810	176	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{176}^5\ \Phi_{88}^5\ \Phi_{44}^3\ \Phi_{22}^5\ \Phi_{16}^4\ \Phi_{11}^4\ \Phi_8^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
36747	810	984	$\frac{1}{82}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{984}^2\ \Phi_{246}\ \Phi_{123}\ \Phi_{24}\ \Phi_6$
36748	810	1288	$\frac{2}{161}$	$\frac{1}{4}$	$\frac{53}{161}$	$\frac{3}{8}$	$\Phi_{1288}\ \Phi_{184}\ \Phi_{161}\ \Phi_{56}\ \Phi_{23}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
36749	810	440	$\frac{1}{55}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^3\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}^3\ \Phi_{44}\ \Phi_{40}^3\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
36750	810	1288	$\frac{5}{161}$	$\frac{26}{161}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1288}\ \Phi_{184}\ \Phi_{161}\ \Phi_{56}\ \Phi_{23}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
36751	810	992	$\frac{1}{31}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{992}\ \Phi_{496}\ \Phi_{124}\ \Phi_{62}$
36752	810	56	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{56}^{23}\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_8^{24}\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
36753	810	184	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{184}^7\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_8^8\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
36754	810	1288	$\frac{8}{161}$	$\frac{17}{161}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1288}\ \Phi_{184}\ \Phi_{161}\ \Phi_{56}\ \Phi_{23}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
36755	810	760	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{760}^2\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{38}$
36756	810	874	$\frac{1}{46}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{874}\ \Phi_{437}\ \Phi_{38}$
36757	810	809	$\frac{19}{809}$	$\frac{158}{809}$	$\frac{217}{809}$	$\frac{296}{809}$	$\Phi_{809}\ \Phi_1^2$
36758	810	434	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{434}^3\ \Phi_{217}\ \Phi_{62}^3$
36759	810	868	$\frac{1}{28}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{868}\ \Phi_{434}\ \Phi_{217}\ \Phi_{124}\ \Phi_{62}$
36760	810	809	$\frac{35}{809}$	$\frac{86}{809}$	$\frac{241}{809}$	$\frac{284}{809}$	$\Phi_{809}\ \Phi_1^2$
36761	810	880	$\frac{1}{16}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
36762	810	809	$\frac{50}{809}$	$\frac{59}{809}$	$\frac{253}{809}$	$\frac{278}{809}$	$\Phi_{809}\ \Phi_1^2$
36763	810	910	$\frac{4}{91}$	$\frac{1}{10}$	$\frac{29}{91}$	$\frac{31}{91}$	$\Phi_{910}\ \Phi_{455}\ \Phi_{182}\ \Phi_{130}\ \Phi_{70}\ \Phi_{65}\ \Phi_{35}\ \Phi_{26}\ \Phi_{14}$
36764	810	809	$\frac{26}{809}$	$\frac{107}{809}$	$\frac{261}{809}$	$\frac{274}{809}$	$\Phi_{809}\ \Phi_1^2$
36765	810	476	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{11}{34}$	$\frac{23}{68}$	$\Phi_{476}^3\ \Phi_{238}\ \Phi_{119}\ \Phi_{28}^3\ \Phi_{14}$
36766	810	978	$\frac{4}{163}$	$\frac{1}{6}$	$\frac{53}{163}$	$\frac{55}{163}$	$\Phi_{978}\ \Phi_{489}\ \Phi_{326}$
36767	810	809	$\frac{14}{809}$	$\frac{179}{809}$	$\frac{265}{809}$	$\frac{272}{809}$	$\Phi_{809}\ \Phi_1^2$
36768	810	1084	$\frac{4}{271}$	$\frac{1}{4}$	$\frac{89}{271}$	$\frac{91}{271}$	$\Phi_{1084}\ \Phi_{542}$
36769	810	804	$\frac{1}{67}$	$\frac{1}{4}$	$\frac{22}{67}$	$\frac{1}{3}$	$\Phi_{804}^2\ \Phi_{402}^2\ \Phi_{12}^3\ \Phi_6^3$
36770	810	174	$\frac{1}{58}$	$\frac{13}{58}$	$\frac{19}{58}$	$\frac{1}{3}$	$\Phi_{174}^7\ \Phi_{87}^7\ \Phi_6^7\ \Phi_3^6$
36771	810	120	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{13}{40}$	$\frac{1}{3}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{40}^8\ \Phi_{30}^6\ \Phi_{24}^6\ \Phi_{20}^8\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{10}^8\ \Phi_8^8\ \Phi_6^8\ \Phi_5^8\ \Phi_4^8$ $\Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
36772	810	1218	$\frac{13}{406}$	$\frac{55}{406}$	$\frac{131}{406}$	$\frac{1}{3}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{174}\ \Phi_{87}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
36773	810	330	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{30}^5\ \Phi_{15}^5\ \Phi_6^3\ \Phi_3^2$
36774	810	1218	$\frac{25}{406}$	$\frac{31}{406}$	$\frac{127}{406}$	$\frac{1}{3}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{174}\ \Phi_{87}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
36775	810	588	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{61}{196}$	$\frac{1}{3}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{147}^2\ \Phi_{84}^2\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
36776	810	624	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3$
36777	810	1218	$\frac{19}{406}$	$\frac{43}{406}$	$\frac{121}{406}$	$\frac{1}{3}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{174}\ \Phi_{87}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
36778	810	84	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{84}^{15}\ \Phi_{42}^{15}\ \Phi_{21}^{13}\ \Phi_{12}^{15}\ \Phi_6^{15}\ \Phi_3^{12}$
36779	810	1218	$\frac{11}{406}$	$\frac{79}{406}$	$\frac{109}{406}$	$\frac{1}{3}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{174}\ \Phi_{87}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
36780	810	276	$\frac{1}{46}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{276}^{4}\ \Phi_{138}^{5}\ \Phi_{69}^{5}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
36781	810	804	$\frac{2}{67}$	$\frac{13}{67}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{804}^{2}\ \Phi_{402}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
36782	810	84	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^{9}\ \Phi_{42}^{9}\ \Phi_{28}^{12}\ \Phi_{21}^{9}\ \Phi_{14}^{12}\ \Phi_{12}^{6}\ \Phi_{7}^{12}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
36783	810	804	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{804}^{2}\ \Phi_{402}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
36784	810	240	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^{6}\ \Phi_{120}^{6}\ \Phi_{60}^{4}\ \Phi_{48}^{3}\ \Phi_{30}^{5}\ \Phi_{24}^{3}\ \Phi_{15}^{5}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
36785	810	1596	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{127}{532}$	$\frac{1}{3}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{228}\ \Phi_{114}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
36786	810	1344	$\frac{1}{14}$	$\frac{43}{448}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
36787	810	174	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{13}{58}$	$\frac{1}{3}$	$\Phi_{174}^{9}\ \Phi_{87}^{5}\ \Phi_{6}^{9}\ \Phi_{3}^{4}$
36788	810	510	$\frac{4}{85}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{510}^{2}\ \Phi_{255}\ \Phi_{170}^{2}\ \Phi_{102}^{2}\ \Phi_{85}^{2}\ \Phi_{51}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
36789	810	300	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{19}{100}$	$\frac{1}{3}$	$\Phi_{300}^{3}\ \Phi_{150}^{3}\ \Phi_{100}^{4}\ \Phi_{75}^{3}\ \Phi_{50}^{4}\ \Phi_{25}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
36790	810	330	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{330}^{4}\ \Phi_{165}^{4}\ \Phi_{66}^{4}\ \Phi_{30}^{5}\ \Phi_{15}^{5}\ \Phi_{6}^{5}$
36791	810	1218	$\frac{37}{406}$	$\frac{41}{406}$	$\frac{73}{406}$	$\frac{1}{3}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{174}\ \Phi_{87}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
36792	810	294	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{17}{98}$	$\frac{1}{3}$	$\Phi_{294}^{4}\ \Phi_{147}^{4}\ \Phi_{42}^{5}\ \Phi_{21}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
36793	810	96	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{96}^{9}\ \Phi_{48}^{6}\ \Phi_{32}^{12}\ \Phi_{24}^{6}\ \Phi_{16}^{8}\ \Phi_{12}^{6}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
36794	810	264	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{264}^{3}\ \Phi_{132}^{3}\ \Phi_{88}^{4}\ \Phi_{66}^{3}\ \Phi_{44}^{4}\ \Phi_{33}^{3}\ \Phi_{22}^{4}\ \Phi_{11}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
36795	810	30	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{30}^{24}\ \Phi_{15}^{24}\ \Phi_{10}^{32}\ \Phi_{6}^{26}\ \Phi_{5}^{32}\ \Phi_{3}^{25}\ \Phi_{2}^{34}\ \Phi_{1}^{34}$
36796	810	356	$\frac{2}{89}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{29}{89}$	$\Phi_{356}^{2}\ \Phi_{178}^{2}\ \Phi_{89}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
36797	810	809	$\frac{20}{809}$	$\frac{182}{809}$	$\frac{209}{809}$	$\frac{263}{809}$	$\Phi_{809}\ \Phi_{1}^{2}$
36798	810	1084	$\frac{7}{271}$	$\frac{61}{271}$	$\frac{1}{4}$	$\frac{88}{271}$	$\Phi_{1084}\ \Phi_{542}$
36799	810	371	$\frac{2}{53}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{17}{53}$	$\Phi_{371}^{2}\ \Phi_{53}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
36800	810	636	$\frac{2}{53}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{17}{53}$	$\Phi_{636}^{2}\ \Phi_{318}\ \Phi_{212}\ \Phi_{159}\ \Phi_{53}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
36801	810	809	$\frac{32}{809}$	$\frac{110}{809}$	$\frac{233}{809}$	$\frac{259}{809}$	$\Phi_{809}\ \Phi_{1}^{2}$
36802	810	978	$\frac{7}{163}$	$\frac{1}{6}$	$\frac{37}{163}$	$\frac{52}{163}$	$\Phi_{978}\ \Phi_{489}\ \Phi_{326}$
36803	810	374	$\frac{1}{22}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{7}{22}$	$\Phi_{374}^{2}\ \Phi_{187}^{2}\ \Phi_{34}^{2}\ \Phi_{22}^{4}\ \Phi_{17}^{3}\ \Phi_{11}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
36804	810	308	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{7}{22}$	$\Phi_{308}^{4}\ \Phi_{154}^{2}\ \Phi_{77}^{2}\ \Phi_{28}^{5}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
36805	810	809	$\frac{38}{809}$	$\frac{92}{809}$	$\frac{239}{809}$	$\frac{257}{809}$	$\Phi_{809}\ \Phi_{1}^{2}$
36806	810	809	$\frac{38}{809}$	$\frac{125}{809}$	$\frac{184}{809}$	$\frac{257}{809}$	$\Phi_{809}\ \Phi_{1}^{2}$
36807	810	1084	$\frac{13}{271}$	$\frac{37}{271}$	$\frac{1}{4}$	$\frac{86}{271}$	$\Phi_{1084}\ \Phi_{542}$
36808	810	952	$\frac{7}{136}$	$\frac{1}{7}$	$\frac{31}{136}$	$\frac{43}{136}$	$\Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{119}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
36809	810	809	$\frac{47}{809}$	$\frac{104}{809}$	$\frac{185}{809}$	$\frac{254}{809}$	$\Phi_{809}\ \Phi_{1}^{2}$
36810	810	1084	$\frac{16}{271}$	$\frac{31}{271}$	$\frac{1}{4}$	$\frac{85}{271}$	$\Phi_{1084}\ \Phi_{542}$
36811	810	377	$\frac{2}{29}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{29}$	$\Phi_{377}^{2}\ \Phi_{29}^{3}\ \Phi_{13}^{4}\ \Phi_{1}^{6}$
36812	810	580	$\frac{2}{29}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{580}^{2}\ \Phi_{290}\ \Phi_{145}\ \Phi_{116}\ \Phi_{29}\ \Phi_{20}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
36813	810	809	$\frac{56}{809}$	$\frac{62}{809}$	$\frac{249}{809}$	$\frac{251}{809}$	$\Phi_{809}\ \Phi_{1}^{2}$
36814	810	572	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{572}^{2}\ \Phi_{286}^{2}\ \Phi_{44}^{3}\ \Phi_{22}^{3}$
36815	810	130	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{130}^{7}\ \Phi_{65}^{7}\ \Phi_{26}^{7}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{2}^{6}$
36816	810	377	$\frac{1}{13}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{4}{13}$	$\Phi_{377}^{2}\ \Phi_{29}^{3}\ \Phi_{13}^{4}\ \Phi_{1}^{6}$
36817	810	546	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{4}{13}$	$\Phi_{546}^{2}\ \Phi_{273}^{2}\ \Phi_{182}^{2}\ \Phi_{42}^{3}\ \Phi_{21}^{3}\ \Phi_{14}^{3}$
36818	810	902	$\frac{7}{82}$	$\frac{1}{11}$	$\frac{19}{82}$	$\frac{25}{82}$	$\Phi_{902}\ \Phi_{451}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
36819	810	809	$\frac{69}{809}$	$\frac{74}{809}$	$\frac{188}{809}$	$\frac{245}{809}$	$\Phi_{809}\ \Phi_1^2$
36820	810	809	$\frac{74}{809}$	$\frac{94}{809}$	$\frac{143}{809}$	$\frac{245}{809}$	$\Phi_{809}\ \Phi_1^2$
36821	810	1084	$\frac{21}{271}$	$\frac{25}{271}$	$\frac{1}{4}$	$\frac{82}{271}$	$\Phi_{1084}\ \Phi_{542}$
36822	810	809	$\frac{77}{809}$	$\frac{113}{809}$	$\frac{116}{809}$	$\frac{244}{809}$	$\Phi_{809}\ \Phi_1^2$
36823	810	952	$\frac{13}{136}$	$\frac{19}{136}$	$\frac{1}{7}$	$\frac{41}{136}$	$\Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{119}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
36824	810	978	$\frac{16}{163}$	$\frac{19}{163}$	$\frac{1}{6}$	$\frac{49}{163}$	$\Phi_{978}\ \Phi_{489}\ \Phi_{326}$
36825	810	809	$\frac{62}{809}$	$\frac{83}{809}$	$\frac{189}{809}$	$\frac{242}{809}$	$\Phi_{809}\ \Phi_1^2$
36826	810	1084	$\frac{19}{271}$	$\frac{28}{271}$	$\frac{1}{4}$	$\frac{81}{271}$	$\Phi_{1084}\ \Phi_{542}$
36827	810	448	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{19}{64}$	$\Phi_{448}^2\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^2$
36828	810	272	$\frac{1}{16}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{272}^3\ \Phi_{136}^3\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{17}^3\ \Phi_{16}^6\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
36829	810	187	$\frac{1}{11}$	$\frac{2}{17}$	$\frac{2}{11}$	$\frac{5}{17}$	$\Phi_{187}^4\ \Phi_{17}^5\ \Phi_{11}^8\ \Phi_1^{10}$
36830	810	510	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{510}^2\ \Phi_{255}^2\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{51}\ \Phi_{30}^4\ \Phi_{17}\ \Phi_{15}^4\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
36831	810	880	$\frac{1}{16}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
36832	810	809	$\frac{64}{809}$	$\frac{110}{809}$	$\frac{149}{809}$	$\frac{233}{809}$	$\Phi_{809}\ \Phi_1^2$
36833	810	532	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{532}^2\ \Phi_{266}^2\ \Phi_{76}^3\ \Phi_{38}^3$
36834	810	371	$\frac{5}{53}$	$\frac{1}{7}$	$\frac{8}{53}$	$\frac{2}{7}$	$\Phi_{371}^2\ \Phi_{53}^3\ \Phi_7^4\ \Phi_1^6$
36835	810	70	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{70}^{13}\ \Phi_{35}^{13}\ \Phi_{14}^{13}\ \Phi_{10}^{12}\ \Phi_5^{12}\ \Phi_2^{12}$
36836	810	809	$\frac{77}{809}$	$\frac{116}{809}$	$\frac{122}{809}$	$\frac{229}{809}$	$\Phi_{809}\ \Phi_1^2$
36837	810	874	$\frac{1}{19}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{874}\ \Phi_{437}\ \Phi_{38}$
36838	810	978	$\frac{13}{163}$	$\frac{25}{163}$	$\frac{1}{6}$	$\frac{46}{163}$	$\Phi_{978}\ \Phi_{489}\ \Phi_{326}$
36839	810	809	$\frac{41}{809}$	$\frac{128}{809}$	$\frac{194}{809}$	$\frac{227}{809}$	$\Phi_{809}\ \Phi_1^2$
36840	810	1084	$\frac{13}{271}$	$\frac{43}{271}$	$\frac{1}{4}$	$\frac{76}{271}$	$\Phi_{1084}\ \Phi_{542}$
36841	810	400	$\frac{1}{16}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{400}^2\ \Phi_{200}^2\ \Phi_{100}^2\ \Phi_{80}^3\ \Phi_{50}^2\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
36842	810	809	$\frac{65}{809}$	$\frac{124}{809}$	$\frac{137}{809}$	$\frac{224}{809}$	$\Phi_{809}\ \Phi_1^2$
36843	810	910	$\frac{1}{10}$	$\frac{11}{91}$	$\frac{16}{91}$	$\frac{25}{91}$	$\Phi_{910}\ \Phi_{455}\ \Phi_{182}\ \Phi_{130}\ \Phi_{70}\ \Phi_{65}\ \Phi_{35}\ \Phi_{26}\ \Phi_{14}$
36844	810	809	$\frac{79}{809}$	$\frac{98}{809}$	$\frac{146}{809}$	$\frac{221}{809}$	$\Phi_{809}\ \Phi_1^2$
36845	810	952	$\frac{11}{136}$	$\frac{1}{7}$	$\frac{25}{136}$	$\frac{37}{136}$	$\Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{119}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
36846	810	809	$\frac{34}{809}$	$\frac{155}{809}$	$\frac{197}{809}$	$\frac{218}{809}$	$\Phi_{809}\ \Phi_1^2$
36847	810	1084	$\frac{11}{271}$	$\frac{52}{271}$	$\frac{1}{4}$	$\frac{73}{271}$	$\Phi_{1084}\ \Phi_{542}$
36848	810	124	$\frac{1}{31}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{124}^7\ \Phi_{62}^7\ \Phi_{31}^6$
36849	810	356	$\frac{4}{89}$	$\frac{17}{89}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{356}^2\ \Phi_{178}^2\ \Phi_{89}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
36850	810	228	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{228}^4\ \Phi_{114}^5\ \Phi_{76}^2\ \Phi_{57}^5\ \Phi_{38}^3\ \Phi_{19}^2$
36851	810	356	$\frac{5}{89}$	$\frac{14}{89}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{356}^2\ \Phi_{178}^2\ \Phi_{89}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
36852	810	112	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{112}^9\ \Phi_{56}^9\ \Phi_{28}^7\ \Phi_{14}^7\ \Phi_7^6$
36853	810	356	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{356}^2\ \Phi_{178}^2\ \Phi_{89}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
36854	810	220	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{220}^4\ \Phi_{110}^5\ \Phi_{55}^5\ \Phi_{44}^2\ \Phi_{22}^3\ \Phi_{11}^2$
36855	810	1232	$\frac{3}{44}$	$\frac{1}{7}$	$\frac{41}{176}$	$\frac{1}{4}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
36856	810	308	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{1}{4}$	$\Phi_{308}^4\ \Phi_{154}^4\ \Phi_{28}^5\ \Phi_{14}^5$
36857	810	1084	$\frac{26}{271}$	$\frac{37}{271}$	$\frac{49}{271}$	$\frac{1}{4}$	$\Phi_{1084}\ \Phi_{542}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
36858	810	580	$\frac{1}{10}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\Phi_{580}^2\ \Phi_{290}\ \Phi_{145}\ \Phi_{116}\ \Phi_{29}\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
36859	810	1084	$\frac{25}{271}$	$\frac{41}{271}$	$\frac{46}{271}$	$\frac{1}{4}$	$\Phi_{1084}\ \Phi_{542}$
36860	810	636	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{636}^2\ \Phi_{318}\ \Phi_{212}\ \Phi_{159}\ \Phi_{53}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
36861	810	420	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{420}^4\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
36862	810	224	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{5}{32}$	$\frac{7}{32}$	$\Phi_{224}^4\ \Phi_{112}^4\ \Phi_{56}^5\ \Phi_{28}^5\ \Phi_{14}^5\ \Phi_7^4$
36863	810	280	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{40}^4\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}^4\ \Phi_{14}\ \Phi_8^2\ \Phi_4^2$
36864	810	238	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{3}{17}$	$\frac{7}{34}$	$\Phi_{238}^5\ \Phi_{119}^3\ \Phi_{14}^5\ \Phi_7^2$
36865	811	1296	$\frac{1}{162}$	$\frac{163}{648}$	$\frac{485}{1296}$	$\frac{161}{324}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{324}\ \Phi_{144}\ \Phi_{108}\ \Phi_{48}\ \Phi_{36}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
36866	811	1608	$\frac{7}{804}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{797}{1608}$	$\Phi_{1608}\ \Phi_{536}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
36867	811	1440	$\frac{1}{90}$	$\frac{91}{720}$	$\frac{629}{1440}$	$\frac{89}{180}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{96}\ \Phi_{60}\ \Phi_{36}\ \Phi_{32}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
36868	811	1080	$\frac{1}{90}$	$\frac{269}{1080}$	$\frac{91}{360}$	$\frac{89}{180}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
36869	811	1600	$\frac{11}{800}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{789}{1600}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{64}\ \Phi_{20}\ \Phi_4\ \Phi_1$
36870	811	1512	$\frac{1}{54}$	$\frac{55}{756}$	$\frac{701}{1512}$	$\frac{53}{108}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{168}\ \Phi_{108}\ \Phi_{72}\ \Phi_{56}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
36871	811	1584	$\frac{19}{792}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{773}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
36872	811	1584	$\frac{19}{792}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{773}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
36873	811	1560	$\frac{1}{30}$	$\frac{31}{780}$	$\frac{749}{1560}$	$\frac{29}{60}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{120}\ \Phi_{104}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
36874	811	1188	$\frac{19}{396}$	$\frac{1}{18}$	$\frac{377}{1188}$	$\frac{17}{36}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
36875	811	864	$\frac{1}{18}$	$\frac{53}{864}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
36876	811	1536	$\frac{43}{768}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{725}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
36877	811	936	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{125}{936}$	$\frac{109}{234}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
36878	811	1512	$\frac{55}{756}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{701}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{168}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$
36879	811	1500	$\frac{1}{15}$	$\frac{61}{750}$	$\frac{14}{75}$	$\frac{689}{1500}$	$\Phi_{1500}\ \Phi_{500}\ \Phi_{300}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
36880	811	990	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{179}{990}$	$\frac{151}{330}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{198}\ \Phi_{165}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
36881	811	1200	$\frac{11}{400}$	$\frac{1}{10}$	$\frac{389}{1200}$	$\frac{9}{20}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
36882	811	840	$\frac{29}{840}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
36883	811	1000	$\frac{11}{200}$	$\frac{1}{10}$	$\frac{189}{1000}$	$\frac{9}{20}$	$\Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{20}\ \Phi_4\ \Phi_1$
36884	811	960	$\frac{11}{160}$	$\frac{1}{10}$	$\frac{149}{960}$	$\frac{9}{20}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
36885	811	880	$\frac{69}{880}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_4\ \Phi_1$
36886	811	900	$\frac{89}{900}$	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{9}{20}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
36887	811	864	$\frac{53}{864}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
36888	811	1440	$\frac{1}{30}$	$\frac{91}{720}$	$\frac{29}{120}$	$\frac{629}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
36889	811	882	$\frac{71}{882}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{882}\ \Phi_{441}\ \Phi_{294}\ \Phi_{147}\ \Phi_{98}\ \Phi_{63}\ \Phi_{49}\ \Phi_{21}\ \Phi_7\ \Phi_1$
36890	811	1428	$\frac{5}{102}$	$\frac{97}{714}$	$\frac{1}{6}$	$\frac{617}{1428}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{204}\ \Phi_{102}\ \Phi_{84}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{28}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
36891	811	1404	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{109}{702}$	$\frac{593}{1404}$	$\Phi_{1404}\ \Phi_{468}\ \Phi_{156}\ \Phi_{117}\ \Phi_{108}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
36892	811	900	$\frac{1}{15}$	$\frac{89}{900}$	$\frac{14}{75}$	$\frac{61}{150}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
36893	811	1320	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{151}{660}$	$\frac{509}{1320}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{165}\ \Phi_{120}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}\ \Phi_{11}\ \Phi_8\ \Phi_1$
36894	811	960	$\frac{1}{30}$	$\frac{149}{960}$	$\frac{29}{120}$	$\frac{91}{240}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
36895	811	1296	$\frac{1}{54}$	$\frac{53}{216}$	$\frac{163}{648}$	$\frac{485}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
36896	811	1260	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{181}{630}$	$\frac{449}{1260}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
36897	811	1224	$\frac{5}{204}$	$\frac{1}{6}$	$\frac{199}{612}$	$\frac{413}{1224}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{72}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
36898	811	1053	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{242}{1053}$	$\frac{109}{351}$	$\Phi_{1053}\ \Phi_{117}\ \Phi_{81}\ \Phi_{39}\ \Phi_{13}\ \Phi_1$
36899	811	1152	$\frac{5}{48}$	$\frac{43}{384}$	$\frac{1}{6}$	$\frac{341}{1152}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
36900	811	945	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{134}{945}$	$\frac{55}{189}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_1$
36901	811	1134	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{378}$	$\frac{323}{1134}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{162}\ \Phi_{81}\ \Phi_{63}\ \Phi_{21}\ \Phi_7\ \Phi_1$
36902	811	1125	$\frac{1}{15}$	$\frac{61}{375}$	$\frac{14}{75}$	$\frac{314}{1125}$	$\Phi_{1125}\ \Phi_{225}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_9\ \Phi_1$
36903	811	864	$\frac{53}{864}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
36904	811	1080	$\frac{1}{30}$	$\frac{29}{120}$	$\frac{269}{1080}$	$\frac{91}{360}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
36905	811	1056	$\frac{19}{264}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{245}{1056}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{176}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
36906	811	960	$\frac{5}{48}$	$\frac{149}{960}$	$\frac{1}{6}$	$\frac{43}{192}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
36907	811	1008	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{197}{1008}$	$\frac{55}{252}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_8\ \Phi_7\ \Phi_1$
36908	812	1212	$\frac{1}{202}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{201}{404}$	$\Phi_{1212}\ \Phi_{404}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
36909	812	1380	$\frac{1}{115}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{57}{115}$	$\Phi_{1380}\ \Phi_{460}\ \Phi_{276}\ \Phi_{115}\ \Phi_{92}\ \Phi_{60}\ \Phi_{23}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
36910	812	1035	$\frac{1}{115}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{57}{115}$	$\Phi_{1035}\ \Phi_{207}\ \Phi_{115}\ \Phi_{45}\ \Phi_{23}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
36911	812	2010	$\frac{2}{201}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{199}{402}$	$\Phi_{2010}\ \Phi_{670}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
36912	812	1360	$\frac{1}{68}$	$\frac{1}{5}$	$\frac{69}{272}$	$\frac{67}{136}$	$\Phi_{1360}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
36913	812	400	$\frac{3}{200}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{197}{400}$	$\Phi_{400}^4\ \Phi_{80}^4\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{10}$
36914	812	741	$\frac{1}{57}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{28}{57}$	$\Phi_{741}\ \Phi_{247}\ \Phi_{57}^2\ \Phi_{39}\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
36915	812	456	$\frac{1}{57}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{28}{57}$	$\Phi_{456}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
36916	812	811	$\frac{15}{811}$	$\frac{59}{811}$	$\frac{376}{811}$	$\frac{398}{811}$	$\Phi_{811}\ \Phi_1^2$
36917	812	396	$\frac{5}{198}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{193}{396}$	$\Phi_{396}^4\ \Phi_{132}^4\ \Phi_{44}^4\ \Phi_{36}^4\ \Phi_{33}\ \Phi_{12}^4\ \Phi_4^4$
36918	812	1980	$\frac{5}{198}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{193}{396}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{220}\ \Phi_{180}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
36919	812	312	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{10}{39}$	$\frac{19}{39}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
36920	812	222	$\frac{1}{37}$	$\frac{19}{222}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{222}^4\ \Phi_{111}^3\ \Phi_{74}^4\ \Phi_{37}^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
36921	812	811	$\frac{25}{811}$	$\frac{86}{811}$	$\frac{209}{811}$	$\frac{393}{811}$	$\Phi_{811}\ \Phi_1^2$
36922	812	1221	$\frac{13}{407}$	$\frac{30}{407}$	$\frac{1}{3}$	$\frac{197}{407}$	$\Phi_{1221}\ \Phi_{111}\ \Phi_{33}$
36923	812	1512	$\frac{1}{28}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{27}{56}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}^2\ \Phi_{27}\ \Phi_{24}\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
36924	812	840	$\frac{1}{28}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}\ \Phi_{120}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
36925	812	504	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{27}{56}$	$\Phi_{504}^3\ \Phi_{168}^3\ \Phi_{72}^3\ \Phi_{56}^4\ \Phi_{24}^3\ \Phi_9^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
36926	812	280	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{27}{56}$	$\Phi_{280}^3\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{40}^4\ \Phi_{35}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^4$
36927	812	378	$\frac{1}{27}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{13}{27}$	$\Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^3\ \Phi_{27}^3\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^3\ \Phi_7^2\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
36928	812	864	$\frac{1}{27}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
36929	812	945	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{13}{27}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{135}\ \Phi_{105}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
36930	812	1920	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{181}{384}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
36931	812	1566	$\frac{1}{29}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1566}\ \Phi_{522}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
36932	812	216	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{25}{54}$	$\Phi_{216}^4\ \Phi_{108}^4\ \Phi_{72}^5\ \Phi_{36}^5\ \Phi_{27}^4\ \Phi_{24}^5\ \Phi_{18}\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^4\ \Phi_6\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
36933	812	390	$\frac{1}{30}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{30}^4\ \Phi_{26}^2\ \Phi_{15}^4\ \Phi_{13}^2\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
36934	812	494	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{9}{38}$	$\frac{6}{13}$	$\Phi_{494}^2\ \Phi_{247}\ \Phi_{38}^4\ \Phi_{26}^2\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_2^4\ \Phi_1^4$
36935	812	520	$\frac{1}{13}$	$\frac{7}{65}$	$\frac{1}{8}$	$\frac{6}{13}$	$\Phi_{520}^2\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{104}\ \Phi_{52}\ \Phi_{40}^2\ \Phi_{26}\ \Phi_{20}^2\ \Phi_{10}^2$
36936	812	1080	$\frac{13}{216}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
36937	812	1870	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{1}{5}$	$\frac{171}{374}$	$\Phi_{1870}\ \Phi_{170}\ \Phi_{110}\ \Phi_{85}\ \Phi_{10}$
36938	812	627	$\frac{6}{209}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{627}^2\ \Phi_{57}^2\ \Phi_{33}$
36939	812	1110	$\frac{1}{37}$	$\frac{18}{185}$	$\frac{1}{3}$	$\frac{167}{370}$	$\Phi_{1110}^2\ \Phi_{222}^2\ \Phi_{111}\ \Phi_{30}^2\ \Phi_6^2$
36940	812	1160	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1160}\ \Phi_{290}\ \Phi_{232}\ \Phi_{145}\ \Phi_{58}$
36941	812	870	$\frac{1}{30}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}\ \Phi_{174}\ \Phi_{145}\ \Phi_{87}\ \Phi_{58}$
36942	812	504	$\frac{5}{63}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{18}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_6$
36943	812	104	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{8}$	$\frac{23}{52}$	$\Phi_{104}^9\ \Phi_{52}^5\ \Phi_{26}^9\ \Phi_{13}^8\ \Phi_8^8\ \Phi_4^4\ \Phi_2^8\ \Phi_1^8$
36944	812	811	$\frac{20}{811}$	$\frac{113}{811}$	$\frac{231}{811}$	$\frac{349}{811}$	$\Phi_{811}\ \Phi_1^2$
36945	812	1221	$\frac{8}{407}$	$\frac{57}{407}$	$\frac{1}{3}$	$\frac{175}{407}$	$\Phi_{1221}\ \Phi_{111}\ \Phi_{33}$
36946	812	1450	$\frac{1}{29}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1450}\ \Phi_{290}\ \Phi_{145}\ \Phi_{58}$
36947	812	708	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{708}^2\ \Phi_{236}^2\ \Phi_{177}$
36948	812	1380	$\frac{3}{115}$	$\frac{1}{6}$	$\frac{28}{115}$	$\frac{5}{12}$	$\Phi_{1380}\ \Phi_{460}\ \Phi_{276}\ \Phi_{115}\ \Phi_{92}\ \Phi_{60}\ \Phi_{23}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
36949	812	60	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{60}^{23}\ \Phi_{30}^4\ \Phi_{20}^{23}\ \Phi_{15}^4\ \Phi_{12}^{24}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^{24}\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
36950	812	1044	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{261}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
36951	812	276	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{276}^5\ \Phi_{92}^5\ \Phi_{69}^2\ \Phi_{23}\ \Phi_{12}^6\ \Phi_4^6\ \Phi_3^2\ \Phi_1^2$
36952	812	340	$\frac{1}{34}$	$\frac{33}{170}$	$\frac{1}{5}$	$\frac{137}{340}$	$\Phi_{340}^4\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}^4\ \Phi_{20}^4\ \Phi_{10}\ \Phi_4^4$
36953	812	590	$\frac{1}{59}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{590}^2\ \Phi_{295}\ \Phi_{118}^2$
36954	812	1392	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1392}\ \Phi_{464}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
36955	812	1040	$\frac{5}{208}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{20}\ \Phi_{10}$
36956	812	1530	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{50}{153}$	$\frac{103}{306}$	$\Phi_{1530}\ \Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{90}\ \Phi_{85}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
36957	812	303	$\frac{1}{101}$	$\frac{100}{303}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{303}^3\ \Phi_{101}^2\ \Phi_3^4\ \Phi_1^4$
36958	812	531	$\frac{1}{59}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{531}^2\ \Phi_{177}$
36959	812	303	$\frac{3}{101}$	$\frac{14}{101}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{303}^2\ \Phi_{101}^4\ \Phi_3^3\ \Phi_1^6$
36960	812	120	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^8\ \Phi_{60}^8\ \Phi_{40}^8\ \Phi_{30}^4\ \Phi_{24}^7\ \Phi_{20}^8\ \Phi_{15}^4\ \Phi_{12}^7\ \Phi_{10}^4\ \Phi_8^6\ \Phi_6^3\ \Phi_5^4\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
36961	812	1368	$\frac{2}{57}$	$\frac{1}{8}$	$\frac{55}{171}$	$\frac{1}{3}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
36962	812	297	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{94}{297}$	$\frac{1}{3}$	$\Phi_{297}^4\ \Phi_{33}\ \Phi_{27}^4$
36963	812	210	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{42}^3\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{21}^3\ \Phi_{15}^6\ \Phi_{14}^2\ \Phi_{10}^4\ \Phi_7^2\ \Phi_6^3\ \Phi_5^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
36964	812	429	$\frac{23}{429}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{429}^2\ \Phi_{143}^2\ \Phi_{39}^2\ \Phi_{33}\ \Phi_{13}^2$
36965	812	555	$\frac{1}{37}$	$\frac{36}{185}$	$\frac{149}{555}$	$\frac{1}{3}$	$\Phi_{555}\ \Phi_{185}^2\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
36966	812	480	$\frac{1}{15}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
36967	812	1035	$\frac{3}{115}$	$\frac{2}{9}$	$\frac{28}{115}$	$\frac{1}{3}$	$\Phi_{1035}\ \Phi_{207}\ \Phi_{115}\ \Phi_{45}\ \Phi_{23}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
36968	812	456	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{9}{38}$	$\frac{1}{3}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{114}\ \Phi_{57}^2\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
36969	812	264	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{61}{264}$	$\frac{1}{3}$	$\Phi_{264}^4\ \Phi_{132}^4\ \Phi_{88}^4\ \Phi_{44}^4\ \Phi_{33}\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4$
36970	812	660	$\frac{17}{220}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{60}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2$
36971	812	90	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{90}^{12}\ \Phi_{45}^{11}\ \Phi_{30}^4\ \Phi_{18}^{12}\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^{12}\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
36972	812	1044	$\frac{1}{29}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}$
36973	812	207	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{207}^5\ \Phi_{69}^2\ \Phi_{23}\ \Phi_9^6\ \Phi_3^2\ \Phi_1^2$
36974	812	495	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{495}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{15}^2\ \Phi_5^2$
36975	812	105	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{105}^7\ \Phi_{35}^8\ \Phi_{21}^8\ \Phi_{15}^9\ \Phi_7^8\ \Phi_5^{10}\ \Phi_3^9\ \Phi_1^{10}$
36976	812	33	$\frac{1}{11}$	$\frac{4}{33}$	$\frac{5}{33}$	$\frac{1}{3}$	$\Phi_{33}^{25}\ \Phi_{11}^{24}\ \Phi_3^{24}\ \Phi_1^{24}$
36977	812	300	$\frac{3}{100}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{97}{300}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{75}^4\ \Phi_{60}^4\ \Phi_{30}^4\ \Phi_{20}\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^4\ \Phi_3^4$
36978	812	126	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{13}{42}$	$\Phi_{126}^6\ \Phi_{63}^6\ \Phi_{42}^7\ \Phi_{21}^7\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_9^9\ \Phi_7^6\ \Phi_6^7\ \Phi_3^{10}\ \Phi_2^6\ \Phi_1^{10}$
36979	812	840	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{60}^2\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
36980	812	1080	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{19}{135}$	$\frac{8}{27}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
36981	812	1440	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{5}$	$\frac{85}{288}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
36982	812	648	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{27}$	$\frac{23}{81}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
36983	812	1080	$\frac{13}{216}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
36984	812	312	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{3}{13}$	$\frac{10}{39}$	$\Phi_{312}^4\ \Phi_{156}^4\ \Phi_{104}\ \Phi_{78}^4\ \Phi_{52}\ \Phi_{26}\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_6^4$
36985	812	288	$\frac{3}{32}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{32}^4\ \Phi_{24}^3\ \Phi_{16}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
36986	812	240	$\frac{3}{40}$	$\frac{37}{240}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^4\ \Phi_3^4$
36987	812	220	$\frac{17}{220}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{220}^4\ \Phi_{110}^4\ \Phi_{55}^4\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{20}\ \Phi_{11}^4\ \Phi_{10}$
36988	812	160	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{160}^7\ \Phi_{80}^7\ \Phi_{40}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^4$
36989	812	1320	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{61}{264}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{220}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
36990	812	240	$\frac{1}{12}$	$\frac{37}{240}$	$\frac{1}{5}$	$\frac{11}{48}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^3\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
36991	812	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{36}$	$\frac{2}{9}$	$\Phi_{72}^{13}\ \Phi_{36}^9\ \Phi_{24}^{13}\ \Phi_{18}^9\ \Phi_{12}^9\ \Phi_9^{12}\ \Phi_8^{12}\ \Phi_6^9\ \Phi_4^8\ \Phi_3^{12}\ \Phi_2^8\ \Phi_1^{12}$
36992	812	315	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{2}{9}$	$\Phi_{315}^3\ \Phi_{105}^3\ \Phi_{45}^3\ \Phi_{35}^4\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
36993	812	170	$\frac{2}{17}$	$\frac{5}{34}$	$\frac{3}{17}$	$\frac{1}{5}$	$\Phi_{170}^7\ \Phi_{85}^5\ \Phi_{10}^7\ \Phi_5^4$
36994	812	280	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{280}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4$
36995	813	1616	$\frac{5}{808}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{803}{1616}$	$\Phi_{1616}\ \Phi_{16}\ \Phi_8\ \Phi_1$
36996	813	464	$\frac{1}{116}$	$\frac{39}{232}$	$\frac{193}{464}$	$\frac{115}{232}$	$\Phi_{464}^3\ \Phi_{232}\ \Phi_{16}^3\ \Phi_8\ \Phi_1$
36997	813	1088	$\frac{3}{272}$	$\frac{1}{4}$	$\frac{275}{1088}$	$\frac{269}{544}$	$\Phi_{1088}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{64}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_1$
36998	813	536	$\frac{3}{268}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{265}{536}$	$\Phi_{536}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
36999	813	1600	$\frac{13}{800}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{787}{1600}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{64}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
37000	813	532	$\frac{5}{266}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{261}{532}$	$\Phi_{532}^3\ \Phi_{76}^3\ \Phi_{28}^3\ \Phi_{7}^2\ \Phi_{4}^3\ \Phi_{1}^3$
37001	813	364	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{93}{364}$	$\frac{89}{182}$	$\Phi_{364}^3\ \Phi_{91}^3\ \Phi_{52}^3\ \Phi_{28}^3\ \Phi_{13}^3\ \Phi_{7}^2\ \Phi_{4}^3\ \Phi_{1}^3$
37002	813	528	$\frac{7}{264}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{257}{528}$	$\Phi_{528}^3\ \Phi_{176}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
37003	813	1568	$\frac{1}{28}$	$\frac{29}{784}$	$\frac{755}{1568}$	$\frac{27}{56}$	$\Phi_{1568}\ \Phi_{224}\ \Phi_{56}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
37004	813	392	$\frac{1}{28}$	$\frac{29}{392}$	$\frac{121}{392}$	$\frac{27}{56}$	$\Phi_{392}^2\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{56}^3\ \Phi_{49}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
37005	813	896	$\frac{1}{28}$	$\frac{83}{896}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
37006	813	512	$\frac{15}{256}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{241}{512}$	$\Phi_{512}^3\ \Phi_{16}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
37007	813	288	$\frac{17}{288}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{9}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
37008	813	1020	$\frac{1}{17}$	$\frac{16}{255}$	$\frac{1}{4}$	$\frac{239}{510}$	$\Phi_{1020}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{85}\ \Phi_{68}^2\ \Phi_{60}\ \Phi_{51}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
37009	813	910	$\frac{6}{91}$	$\frac{97}{910}$	$\frac{1}{7}$	$\frac{85}{182}$	$\Phi_{910}\ \Phi_{455}\ \Phi_{130}\ \Phi_{91}\ \Phi_{70}\ \Phi_{65}\ \Phi_{35}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
37010	813	504	$\frac{1}{28}$	$\frac{19}{252}$	$\frac{9}{28}$	$\frac{233}{504}$	$\Phi_{504}^3\ \Phi_{168}^3\ \Phi_{72}^3\ \Phi_{56}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{14}^2\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
37011	813	504	$\frac{19}{252}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{233}{504}$	$\Phi_{504}^3\ \Phi_{168}^3\ \Phi_{72}^3\ \Phi_{56}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{3}^3\ \Phi_{1}^3$
37012	813	1496	$\frac{3}{68}$	$\frac{65}{748}$	$\frac{1}{4}$	$\frac{683}{1496}$	$\Phi_{1496}\ \Phi_{136}\ \Phi_{88}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
37013	813	294	$\frac{23}{294}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{294}^3\ \Phi_{147}^3\ \Phi_{98}^3\ \Phi_{49}^3\ \Phi_{21}^3\ \Phi_{7}^2\ \Phi_{3}^3\ \Phi_{1}^3$
37014	813	1120	$\frac{1}{28}$	$\frac{27}{280}$	$\frac{307}{1120}$	$\frac{253}{560}$	$\Phi_{1120}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
37015	813	1456	$\frac{6}{91}$	$\frac{85}{728}$	$\frac{1}{7}$	$\frac{643}{1456}$	$\Phi_{1456}\ \Phi_{208}\ \Phi_{112}\ \Phi_{91}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
37016	813	476	$\frac{1}{34}$	$\frac{33}{238}$	$\frac{1}{4}$	$\frac{205}{476}$	$\Phi_{476}\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{28}\ \Phi_{17}^3\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
37017	813	336	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{65}{336}$	$\frac{47}{112}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
37018	813	1400	$\frac{1}{28}$	$\frac{113}{700}$	$\frac{27}{140}$	$\frac{587}{1400}$	$\Phi_{1400}\ \Phi_{280}\ \Phi_{200}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
37019	813	464	$\frac{1}{58}$	$\frac{39}{232}$	$\frac{19}{58}$	$\frac{193}{464}$	$\Phi_{464}^3\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{16}^3\ \Phi_{2}^2\ \Phi_{1}^3$
37020	813	832	$\frac{19}{832}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
37021	813	1360	$\frac{3}{136}$	$\frac{133}{680}$	$\frac{1}{4}$	$\frac{547}{1360}$	$\Phi_{1360}\ \Phi_{272}\ \Phi_{136}\ \Phi_{80}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
37022	813	1160	$\frac{1}{58}$	$\frac{57}{290}$	$\frac{347}{1160}$	$\frac{233}{580}$	$\Phi_{1160}\ \Phi_{290}\ \Phi_{232}\ \Phi_{145}\ \Phi_{40}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
37023	813	448	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{47}{224}$	$\frac{177}{448}$	$\Phi_{448}^3\ \Phi_{64}^3\ \Phi_{56}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
37024	813	280	$\frac{9}{280}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{280}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{5}^3\ \Phi_{4}^3\ \Phi_{1}^3$
37025	813	348	$\frac{1}{58}$	$\frac{77}{348}$	$\frac{19}{58}$	$\frac{39}{116}$	$\Phi_{348}^3\ \Phi_{174}^3\ \Phi_{87}^3\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
37026	813	408	$\frac{1}{68}$	$\frac{1}{4}$	$\frac{67}{204}$	$\frac{137}{408}$	$\Phi_{408}^3\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{24}^3\ \Phi_{17}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
37027	813	400	$\frac{13}{400}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{129}{400}$	$\Phi_{400}^2\ \Phi_{200}^2\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_{8}^3\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
37028	813	336	$\frac{1}{28}$	$\frac{65}{336}$	$\frac{19}{84}$	$\frac{9}{28}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
37029	813	399	$\frac{5}{133}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{128}{399}$	$\Phi_{399}^3\ \Phi_{57}^3\ \Phi_{21}^3\ \Phi_{7}^2\ \Phi_{3}^3\ \Phi_{1}^3$
37030	813	612	$\frac{1}{17}$	$\frac{35}{306}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{612}^2\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{36}^2\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
37031	813	315	$\frac{2}{21}$	$\frac{44}{315}$	$\frac{1}{7}$	$\frac{19}{63}$	$\Phi_{315}^3\ \Phi_{105}^3\ \Phi_{45}^3\ \Phi_{35}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{7}^2\ \Phi_{5}^3\ \Phi_{3}^3\ \Phi_{1}^3$
37032	813	384	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{4}$	$\frac{113}{384}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
37033	813	288	$\frac{17}{288}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{9}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
37034	813	378	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{126}$	$\frac{107}{378}$	$\Phi_{378}^3\ \Phi_{189}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{21}^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
37035	813	364	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{85}{364}$	$\frac{93}{364}$	$\Phi_{364}^2\ \Phi_{182}^2\ \Phi_{91}^3\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
37036	813	320	$\frac{1}{16}$	$\frac{49}{320}$	$\frac{15}{64}$	$\frac{1}{4}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
37037	813	352	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{81}{352}$	$\frac{1}{4}$	$\Phi_{352}^3\ \Phi_{176}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
37038	813	340	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{69}{340}$	$\frac{1}{4}$	$\Phi_{340}^2\ \Phi_{170}^2\ \Phi_{85}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{20}^2\ \Phi_{17}^3\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
37039	813	880	$\frac{67}{880}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
37040	813	320	$\frac{13}{160}$	$\frac{49}{320}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{320}^3\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{64}^3\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
37041	813	336	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{65}{336}$	$\frac{19}{84}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
37042	814	810	$\frac{2}{405}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{403}{810}$	$\Phi_{810}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
37043	814	1632	$\frac{1}{136}$	$\frac{137}{544}$	$\frac{1}{3}$	$\frac{135}{272}$	$\Phi_{1632}\ \Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{96}\ \Phi_{51}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
37044	814	2424	$\frac{3}{404}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{401}{808}$	$\Phi_{2424}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
37045	814	804	$\frac{5}{402}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{397}{804}$	$\Phi_{804}^2\ \Phi_{268}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
37046	814	1460	$\frac{1}{73}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{36}{73}$	$\Phi_{1460}\ \Phi_{292}\ \Phi_{73}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
37047	814	1095	$\frac{1}{73}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{36}{73}$	$\Phi_{1095}\ \Phi_{219}\ \Phi_{73}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
37048	814	2400	$\frac{7}{400}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{393}{800}$	$\Phi_{2400}\ \Phi_{480}\ \Phi_{96}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
37049	814	504	$\frac{1}{36}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{35}{72}$	$\Phi_{504}^3\ \Phi_{168}^3\ \Phi_{72}^4\ \Phi_{56}^3\ \Phi_{24}^4\ \Phi_{21}\ \Phi_8^4\ \Phi_7\ \Phi_3\ \Phi_1^2$
37050	814	72	$\frac{1}{36}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{72}^{22}\ \Phi_{24}^{22}\ \Phi_{12}^2\ \Phi_8^{22}\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
37051	814	504	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{35}{72}$	$\Phi_{504}^3\ \Phi_{168}^3\ \Phi_{72}^4\ \Phi_{56}^3\ \Phi_{24}^4\ \Phi_{14}^2\ \Phi_8^4\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
37052	814	300	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
37053	814	2346	$\frac{16}{391}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{375}{782}$	$\Phi_{2346}\ \Phi_{138}\ \Phi_{102}\ \Phi_{51}\ \Phi_6$
37054	814	432	$\frac{1}{24}$	$\frac{25}{432}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
37055	814	273	$\frac{1}{21}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{273}^3\ \Phi_{91}^3\ \Phi_{39}^4\ \Phi_{21}\ \Phi_{13}^4\ \Phi_7\ \Phi_3\ \Phi_1^2$
37056	814	378	$\frac{1}{21}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{10}{21}$	$\Phi_{378}^3\ \Phi_{189}^3\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
37057	814	840	$\frac{1}{21}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
37058	814	336	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{10}{21}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{16}^4\ \Phi_8^4\ \Phi_7\ \Phi_3\ \Phi_1^2$
37059	814	315	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{10}{21}$	$\Phi_{315}^3\ \Phi_{105}^3\ \Phi_{45}^4\ \Phi_{35}^3\ \Phi_{21}\ \Phi_{15}^4\ \Phi_7\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
37060	814	42	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{10}{21}$	$\Phi_{42}^{19}\ \Phi_{21}^{20}\ \Phi_{14}^{19}\ \Phi_7^{20}\ \Phi_6^{18}\ \Phi_3^{19}\ \Phi_2^{18}\ \Phi_1^{20}$
37061	814	420	$\frac{2}{35}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^3\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
37062	814	768	$\frac{1}{24}$	$\frac{23}{384}$	$\frac{1}{3}$	$\frac{361}{768}$	$\Phi_{768}^2\ \Phi_{256}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
37063	814	765	$\frac{2}{51}$	$\frac{49}{765}$	$\frac{1}{3}$	$\frac{358}{765}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}\ \Phi_{85}\ \Phi_{51}^2\ \Phi_{45}\ \Phi_{17}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
37064	814	180	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^3\ \Phi_{45}^4\ \Phi_{36}^6\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{18}^6\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_9^4\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
37065	814	204	$\frac{1}{34}$	$\frac{3}{34}$	$\frac{1}{3}$	$\frac{31}{68}$	$\Phi_{204}^{11}\ \Phi_{102}\ \Phi_{51}\ \Phi_{12}^{11}\ \Phi_6$
37066	814	1140	$\frac{1}{38}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1140}^2\ \Phi_{228}^2\ \Phi_{114}\ \Phi_{60}\ \Phi_{57}\ \Phi_{12}\ \Phi_6$
37067	814	1248	$\frac{9}{416}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
37068	814	714	$\frac{1}{51}$	$\frac{50}{357}$	$\frac{1}{3}$	$\frac{307}{714}$	$\Phi_{714}^2\ \Phi_{238}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{42}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
37069	814	2040	$\frac{1}{68}$	$\frac{67}{340}$	$\frac{1}{3}$	$\frac{273}{680}$	$\Phi_{2040}\ \Phi_{408}\ \Phi_{204}\ \Phi_{120}\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
37070	814	120	$\frac{3}{40}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{120}^{8}\ \Phi_{60}^{7}\ \Phi_{40}^{6}\ \Phi_{30}^{7}\ \Phi_{24}^{8}\ \Phi_{20}^{5}\ \Phi_{15}^{7}\ \Phi_{12}^{6}\ \Phi_{10}^{5}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
37071	814	450	$\frac{1}{75}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{450}^{3}\ \Phi_{150}^{3}\ \Phi_{90}^{3}\ \Phi_{75}^{2}\ \Phi_{50}^{3}\ \Phi_{30}^{3}\ \Phi_{25}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37072	814	60	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{60}^{13}\ \Phi_{30}^{15}\ \Phi_{20}^{13}\ \Phi_{15}^{14}\ \Phi_{12}^{12}\ \Phi_{10}^{15}\ \Phi_{6}^{14}\ \Phi_{5}^{14}\ \Phi_{4}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
37073	814	1200	$\frac{1}{75}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
37074	814	612	$\frac{1}{102}$	$\frac{101}{306}$	$\frac{1}{3}$	$\frac{205}{612}$	$\Phi_{612}^{2}\ \Phi_{204}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{51}^{2}\ \Phi_{36}^{2}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37075	814	540	$\frac{2}{135}$	$\frac{133}{540}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{180}^{2}\ \Phi_{108}^{2}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37076	814	414	$\frac{7}{414}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{414}^{2}\ \Phi_{207}^{2}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{23}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37077	814	486	$\frac{2}{81}$	$\frac{79}{486}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{486}^{2}\ \Phi_{243}^{2}\ \Phi_{162}^{2}\ \Phi_{54}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37078	814	420	$\frac{13}{420}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{20}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37079	814	450	$\frac{2}{45}$	$\frac{43}{450}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{450}^{2}\ \Phi_{225}^{2}\ \Phi_{150}^{2}\ \Phi_{90}^{2}\ \Phi_{75}^{2}\ \Phi_{50}^{2}\ \Phi_{30}^{2}\ \Phi_{25}^{2}\ \Phi_{18}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37080	814	156	$\frac{2}{39}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{156}^{6}\ \Phi_{78}^{6}\ \Phi_{52}^{6}\ \Phi_{39}^{4}\ \Phi_{26}^{6}\ \Phi_{13}^{4}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37081	814	432	$\frac{25}{432}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{432}^{2}\ \Phi_{216}^{2}\ \Phi_{144}^{2}\ \Phi_{108}^{2}\ \Phi_{72}^{2}\ \Phi_{54}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37082	814	600	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{193}{600}$	$\frac{1}{3}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}^{2}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}^{2}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}^{2}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{25}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37083	814	459	$\frac{2}{51}$	$\frac{52}{459}$	$\frac{49}{153}$	$\frac{1}{3}$	$\Phi_{459}^{2}\ \Phi_{153}\ \Phi_{51}^{2}\ \Phi_{27}^{2}\ \Phi_{17}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
37084	814	108	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{108}^{12}\ \Phi_{54}^{10}\ \Phi_{27}^{10}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37085	814	432	$\frac{25}{432}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{432}^{2}\ \Phi_{216}^{2}\ \Phi_{144}^{2}\ \Phi_{108}^{2}\ \Phi_{72}^{2}\ \Phi_{54}^{2}\ \Phi_{48}^{2}\ \Phi_{27}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37086	814	576	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{169}{576}$	$\frac{1}{3}$	$\Phi_{576}^{2}\ \Phi_{288}^{2}\ \Phi_{144}^{2}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37087	814	570	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{570}\ \Phi_{285}\ \Phi_{190}^{2}\ \Phi_{114}^{2}\ \Phi_{95}^{2}\ \Phi_{57}^{2}\ \Phi_{38}^{2}\ \Phi_{30}\ \Phi_{19}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
37088	814	120	$\frac{3}{40}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^{7}\ \Phi_{60}^{7}\ \Phi_{40}^{8}\ \Phi_{30}^{7}\ \Phi_{24}^{7}\ \Phi_{20}^{8}\ \Phi_{15}^{7}\ \Phi_{12}^{2}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{6}^{2}\ \Phi_{5}^{8}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37089	814	480	$\frac{1}{24}$	$\frac{73}{480}$	$\frac{23}{96}$	$\frac{1}{3}$	$\Phi_{480}^{2}\ \Phi_{240}^{2}\ \Phi_{160}^{2}\ \Phi_{120}^{2}\ \Phi_{80}^{2}\ \Phi_{60}^{2}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37090	814	48	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{48}^{22}\ \Phi_{24}^{22}\ \Phi_{16}^{22}\ \Phi_{12}^{2}\ \Phi_{8}^{22}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37091	814	324	$\frac{1}{12}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{324}^{3}\ \Phi_{162}^{3}\ \Phi_{108}^{3}\ \Phi_{81}^{2}\ \Phi_{54}^{3}\ \Phi_{27}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37092	814	546	$\frac{2}{39}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{546}^{2}\ \Phi_{273}\ \Phi_{182}^{2}\ \Phi_{91}\ \Phi_{78}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{2}\ \Phi_{14}^{2}\ \Phi_{13}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37093	814	510	$\frac{2}{51}$	$\frac{49}{255}$	$\frac{103}{510}$	$\frac{1}{3}$	$\Phi_{510}^{2}\ \Phi_{255}\ \Phi_{170}^{2}\ \Phi_{102}^{2}\ \Phi_{85}\ \Phi_{51}^{2}\ \Phi_{34}^{2}\ \Phi_{30}^{2}\ \Phi_{17}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37094	814	180	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{180}^{6}\ \Phi_{90}^{6}\ \Phi_{60}^{6}\ \Phi_{45}^{4}\ \Phi_{30}^{6}\ \Phi_{20}^{6}\ \Phi_{15}^{4}\ \Phi_{12}^{2}\ \Phi_{10}^{6}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37095	814	120	$\frac{3}{40}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{120}^{10}\ \Phi_{60}^{10}\ \Phi_{30}^{10}\ \Phi_{24}^{11}\ \Phi_{15}^{10}\ \Phi_{12}^{11}\ \Phi_{6}^{11}\ \Phi_{3}^{10}$
37096	814	84	$\frac{1}{12}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{84}^{12}\ \Phi_{42}^{10}\ \Phi_{28}^{12}\ \Phi_{21}^{10}\ \Phi_{14}^{10}\ \Phi_{12}^{2}\ \Phi_{7}^{10}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37097	814	480	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{480}$	$\frac{1}{3}$	$\Phi_{480}^{2}\ \Phi_{240}\ \Phi_{160}^{2}\ \Phi_{120}\ \Phi_{96}^{2}\ \Phi_{80}^{2}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37098	814	378	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{17}{54}$	$\Phi_{378}^{3}\ \Phi_{189}^{3}\ \Phi_{54}^{4}\ \Phi_{27}^{4}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37099	814	420	$\frac{1}{12}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{3}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37100	814	280	$\frac{3}{40}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{70}^{3}\ \Phi_{56}^{3}\ \Phi_{40}^{4}\ \Phi_{35}^{3}\ \Phi_{20}^{4}\ \Phi_{14}^{2}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{7}\ \Phi_{5}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
37101	814	336	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{48}$	$\Phi_{336}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{3}\ \Phi_{56}^{3}\ \Phi_{48}^{4}\ \Phi_{24}^{4}\ \Phi_{16}^{4}\ \Phi_{14}^{2}\ \Phi_{8}^{4}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37102	814	630	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{45}$	$\frac{3}{14}$	$\Phi_{630}^{2}\ \Phi_{315}\ \Phi_{210}^{2}\ \Phi_{105}\ \Phi_{90}^{2}\ \Phi_{70}^{2}\ \Phi_{45}^{2}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37103	814	42	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{42}^{19}\ \Phi_{21}^{19}\ \Phi_{14}^{21}\ \Phi_{7}^{20}\ \Phi_{6}^{18}\ \Phi_{3}^{18}\ \Phi_{2}^{20}\ \Phi_{1}^{20}$
37104	815	648	$\frac{1}{162}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{161}{324}$	$\Phi_{648}^{2}\ \Phi_{324}\ \Phi_{216}^{2}\ \Phi_{108}\ \Phi_{72}^{2}\ \Phi_{36}\ \Phi_{24}^{2}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
37105	815	296	$\frac{1}{74}$	$\frac{15}{148}$	$\frac{133}{296}$	$\frac{73}{148}$	$\Phi_{296}^{5}\ \Phi_{148}\ \Phi_{8}^{5}\ \Phi_{4}\ \Phi_{1}$
37106	815	960	$\frac{3}{160}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{157}{320}$	$\Phi_{960}^{2}\ \Phi_{320}\ \Phi_{192}^{2}\ \Phi_{64}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
37107	815	1584	$\frac{23}{792}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{769}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{48}\ \Phi_{44}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
37108	815	1584	$\frac{23}{792}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{769}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{48}\ \Phi_{33}\ \Phi_{16}\ \Phi_{3}\ \Phi_{1}$
37109	815	220	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{57}{220}$	$\frac{53}{110}$	$\Phi_{220}^{5}\ \Phi_{55}^{5}\ \Phi_{44}^{5}\ \Phi_{20}^{5}\ \Phi_{11}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{1}^{5}$
37110	815	1188	$\frac{1}{22}$	$\frac{23}{396}$	$\frac{373}{1188}$	$\frac{21}{44}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{108}\ \Phi_{54}\ \Phi_{44}\ \Phi_{27}\ \Phi_{4}\ \Phi_{1}$
37111	815	176	$\frac{1}{22}$	$\frac{13}{176}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{176}^{5}\ \Phi_{88}^{4}\ \Phi_{44}^{5}\ \Phi_{22}^{4}\ \Phi_{16}^{5}\ \Phi_{11}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
37112	815	1056	$\frac{1}{22}$	$\frac{23}{264}$	$\frac{241}{1056}$	$\frac{21}{44}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{176}\ \Phi_{96}\ \Phi_{48}\ \Phi_{44}\ \Phi_{32}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
37113	815	924	$\frac{1}{22}$	$\frac{109}{924}$	$\frac{23}{132}$	$\frac{21}{44}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{84}\ \Phi_{77}\ \Phi_{44}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
37114	815	308	$\frac{9}{154}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{145}{308}$	$\Phi_{308}^{5}\ \Phi_{44}^{5}\ \Phi_{28}^{5}\ \Phi_{11}^{4}\ \Phi_{4}^{5}\ \Phi_{1}^{5}$
37115	815	198	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{35}{198}$	$\frac{31}{66}$	$\Phi_{198}^{5}\ \Phi_{99}^{5}\ \Phi_{33}^{5}\ \Phi_{18}^{5}\ \Phi_{11}^{4}\ \Phi_{9}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
37116	815	296	$\frac{2}{37}$	$\frac{15}{148}$	$\frac{7}{37}$	$\frac{133}{296}$	$\Phi_{296}^{5}\ \Phi_{37}^{2}\ \Phi_{8}^{5}\ \Phi_{1}^{3}$
37117	815	176	$\frac{13}{176}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{176}^{5}\ \Phi_{88}^{5}\ \Phi_{44}^{5}\ \Phi_{16}^{5}\ \Phi_{11}^{4}\ \Phi_{8}^{5}\ \Phi_{4}^{5}\ \Phi_{1}^{5}$
37118	815	185	$\frac{2}{37}$	$\frac{22}{185}$	$\frac{7}{37}$	$\frac{15}{37}$	$\Phi_{185}^{5}\ \Phi_{37}^{2}\ \Phi_{5}^{5}\ \Phi_{1}^{3}$
37119	815	1332	$\frac{1}{74}$	$\frac{149}{666}$	$\frac{73}{222}$	$\frac{517}{1332}$	$\Phi_{1332}\ \Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{36}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
37120	815	264	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{31}{132}$	$\frac{101}{264}$	$\Phi_{264}^{5}\ \Phi_{88}^{5}\ \Phi_{33}^{5}\ \Phi_{24}^{5}\ \Phi_{11}^{4}\ \Phi_{8}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
37121	815	1184	$\frac{1}{74}$	$\frac{73}{296}$	$\frac{369}{1184}$	$\frac{223}{592}$	$\Phi_{1184}\ \Phi_{296}\ \Phi_{148}\ \Phi_{32}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
37122	815	1320	$\frac{2}{165}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{165}\ \Phi_{120}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
37123	815	1944	$\frac{1}{81}$	$\frac{1}{4}$	$\frac{80}{243}$	$\frac{3}{8}$	$\Phi_{1944}\ \Phi_{243}\ \Phi_{8}\ \Phi_{1}$
37124	815	216	$\frac{1}{54}$	$\frac{53}{216}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^{3}\ \Phi_{108}^{5}\ \Phi_{72}^{3}\ \Phi_{54}^{4}\ \Phi_{36}^{5}\ \Phi_{27}^{4}\ \Phi_{24}^{3}\ \Phi_{18}^{4}\ \Phi_{12}^{5}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
37125	815	168	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^{5}\ \Phi_{84}^{5}\ \Phi_{56}^{5}\ \Phi_{42}^{5}\ \Phi_{28}^{5}\ \Phi_{24}^{3}\ \Phi_{21}^{5}\ \Phi_{14}^{5}\ \Phi_{12}^{5}\ \Phi_{8}^{4}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
37126	815	1512	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{189}\ \Phi_{168}\ \Phi_{63}\ \Phi_{56}\ \Phi_{21}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
37127	815	1368	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{171}\ \Phi_{152}\ \Phi_{57}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
37128	815	360	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^{4}\ \Phi_{180}\ \Phi_{120}^{4}\ \Phi_{90}\ \Phi_{72}^{2}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}^{4}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
37129	815	858	$\frac{43}{858}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{858}\ \Phi_{429}\ \Phi_{286}\ \Phi_{143}\ \Phi_{78}\ \Phi_{39}\ \Phi_{33}\ \Phi_{26}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}$
37130	815	246	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{40}{123}$	$\frac{83}{246}$	$\Phi_{246}^{3}\ \Phi_{123}^{4}\ \Phi_{82}^{3}\ \Phi_{41}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
37131	815	240	$\frac{3}{80}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{77}{240}$	$\Phi_{240}^{3}\ \Phi_{120}^{3}\ \Phi_{80}^{4}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{40}^{4}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{15}^{3}\ \Phi_{12}^{5}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
37132	815	1188	$\frac{23}{396}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{373}{1188}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{108}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{3}\ \Phi_{1}$
37133	815	891	$\frac{76}{891}$	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{891}\ \Phi_{297}\ \Phi_{81}\ \Phi_{33}\ \Phi_{27}\ \Phi_{3}\ \Phi_{1}$
37134	815	1056	$\frac{23}{264}$	$\frac{1}{11}$	$\frac{241}{1056}$	$\frac{10}{33}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{176}\ \Phi_{96}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{16}\ \Phi_{3}\ \Phi_{1}$
37135	815	198	$\frac{1}{11}$	$\frac{23}{198}$	$\frac{35}{198}$	$\frac{10}{33}$	$\Phi_{198}^{4}\ \Phi_{99}^{4}\ \Phi_{66}^{4}\ \Phi_{33}^{5}\ \Phi_{22}^{4}\ \Phi_{18}^{4}\ \Phi_{11}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
37136	815	924	$\frac{1}{11}$	$\frac{109}{924}$	$\frac{23}{132}$	$\frac{10}{33}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{84}\ \Phi_{77}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
37137	815	231	$\frac{1}{11}$	$\frac{9}{77}$	$\frac{2}{11}$	$\frac{68}{231}$	$\Phi_{231}^5\ \Phi_{33}^5\ \Phi_{21}^5\ \Phi_{11}^4\ \Phi_3^5\ \Phi_1^5$
37138	815	222	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{15}{74}$	$\frac{59}{222}$	$\Phi_{222}^5\ \Phi_{111}^5\ \Phi_{37}^2\ \Phi_6^5\ \Phi_3^5\ \Phi_1^3$
37139	815	528	$\frac{13}{176}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}\ \Phi_{132}^2\ \Phi_{88}\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
37140	815	600	$\frac{3}{40}$	$\frac{1}{6}$	$\frac{37}{200}$	$\frac{1}{4}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}\ \Phi_{150}^2\ \Phi_{100}\ \Phi_{75}^2\ \Phi_{50}\ \Phi_{25}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
37141	815	192	$\frac{3}{32}$	$\frac{29}{192}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{192}^5\ \Phi_{96}^3\ \Phi_{64}^5\ \Phi_{48}^3\ \Phi_{32}^4\ \Phi_{24}^3\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
37142	815	180	$\frac{17}{180}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{180}^5\ \Phi_{90}^5\ \Phi_{60}^3\ \Phi_{45}^5\ \Phi_{36}^5\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{18}^5\ \Phi_{15}^3\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_9^5\ \Phi_6^4\ \Phi_5^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
37143	815	195	$\frac{4}{39}$	$\frac{32}{195}$	$\frac{7}{39}$	$\frac{1}{5}$	$\Phi_{195}^4\ \Phi_{65}^4\ \Phi_{39}^5\ \Phi_{15}^4\ \Phi_{13}^5\ \Phi_5^3\ \Phi_3^5\ \Phi_1^5$
37144	816	609	$\frac{1}{203}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{101}{203}$	$\Phi_{609}\ \Phi_{203}^2\ \Phi_{87}\ \Phi_{29}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
37145	816	163	$\frac{1}{163}$	$\frac{41}{163}$	$\frac{61}{163}$	$\frac{81}{163}$	$\Phi_{163}^5\ \Phi_1^6$
37146	816	1227	$\frac{3}{409}$	$\frac{103}{409}$	$\frac{1}{3}$	$\frac{203}{409}$	Φ_{1227}
37147	816	135	$\frac{1}{135}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{67}{135}$	$\Phi_{135}^6\ \Phi_{45}^6\ \Phi_{27}^6\ \Phi_{15}^6\ \Phi_9^6\ \Phi_5^7\ \Phi_3^6\ \Phi_1^8$
37148	816	540	$\frac{1}{135}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{67}{135}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
37149	816	815	$\frac{7}{815}$	$\frac{137}{815}$	$\frac{339}{815}$	$\frac{404}{815}$	$\Phi_{815}\ \Phi_{163}\ \Phi_5\ \Phi_1^2$
37150	816	707	$\frac{1}{101}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{50}{101}$	$\Phi_{707}\ \Phi_{101}^2\ \Phi_7^2\ \Phi_1^4$
37151	816	1515	$\frac{1}{101}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{50}{101}$	$\Phi_{1515}\ \Phi_{15}^2$
37152	816	364	$\frac{1}{91}$	$\frac{1}{4}$	$\frac{23}{91}$	$\frac{45}{91}$	$\Phi_{364}^3\ \Phi_{182}^3\ \Phi_{52}^3\ \Phi_{28}^3\ \Phi_{26}^3\ \Phi_{14}^3\ \Phi_4^2\ \Phi_2^2$
37153	816	815	$\frac{9}{815}$	$\frac{103}{815}$	$\frac{356}{815}$	$\frac{403}{815}$	$\Phi_{815}\ \Phi_{163}\ \Phi_5\ \Phi_1^2$
37154	816	815	$\frac{9}{815}$	$\frac{203}{815}$	$\frac{206}{815}$	$\frac{403}{815}$	$\Phi_{815}\ \Phi_{163}\ \Phi_5\ \Phi_1^2$
37155	816	1227	$\frac{5}{409}$	$\frac{69}{409}$	$\frac{1}{3}$	$\frac{202}{409}$	Φ_{1227}
37156	816	205	$\frac{3}{205}$	$\frac{1}{5}$	$\frac{52}{205}$	$\frac{101}{205}$	$\Phi_{205}^4\ \Phi_{41}^4\ \Phi_5^3\ \Phi_1^4$
37157	816	737	$\frac{1}{67}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{33}{67}$	$\Phi_{737}\ \Phi_{67}^2\ \Phi_{11}^2\ \Phi_1^4$
37158	816	1407	$\frac{1}{67}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{33}{67}$	$\Phi_{1407}\ \Phi_{21}^2$
37159	816	737	$\frac{1}{67}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{33}{67}$	$\Phi_{737}\ \Phi_{67}^2\ \Phi_{11}^2\ \Phi_1^4$
37160	816	1340	$\frac{1}{67}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{33}{67}$	$\Phi_{1340}\ \Phi_{670}\ \Phi_{20}^2\ \Phi_{10}^2$
37161	816	815	$\frac{13}{815}$	$\frac{69}{815}$	$\frac{373}{815}$	$\frac{401}{815}$	$\Phi_{815}\ \Phi_{163}\ \Phi_5\ \Phi_1^2$
37162	816	815	$\frac{13}{815}$	$\frac{152}{815}$	$\frac{207}{815}$	$\frac{401}{815}$	$\Phi_{815}\ \Phi_{163}\ \Phi_5\ \Phi_1^2$
37163	816	1227	$\frac{7}{409}$	$\frac{52}{409}$	$\frac{1}{3}$	$\frac{201}{409}$	Φ_{1227}
37164	816	300	$\frac{1}{50}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{49}{100}$	$\Phi_{300}^5\ \Phi_{100}^6\ \Phi_{60}^5\ \Phi_{20}^6\ \Phi_{15}\ \Phi_{12}^5\ \Phi_5\ \Phi_4^6\ \Phi_3\ \Phi_1^2$
37165	816	900	$\frac{1}{50}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{900}^2\ \Phi_{300}\ \Phi_{180}^2\ \Phi_{100}^2\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
37166	816	100	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{49}{100}$	$\Phi_{100}^{16}\ \Phi_{20}^{16}\ \Phi_5^3\ \Phi_4^{16}\ \Phi_1^4$
37167	816	815	$\frac{17}{815}$	$\frac{104}{815}$	$\frac{237}{815}$	$\frac{399}{815}$	$\Phi_{815}\ \Phi_{163}\ \Phi_5\ \Phi_1^2$
37168	816	1504	$\frac{1}{47}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{23}{47}$	$\Phi_{1504}\ \Phi_{47}\ \Phi_{32}^2\ \Phi_1^2$
37169	816	1128	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{23}{47}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{47}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
37170	816	940	$\frac{1}{47}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{23}{47}$	$\Phi_{940}\ \Phi_{470}\ \Phi_{235}\ \Phi_{47}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
37171	816	959	$\frac{3}{137}$	$\frac{1}{7}$	$\frac{35}{137}$	$\frac{67}{137}$	Φ_{959}
37172	816	532	$\frac{3}{133}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{65}{133}$	$\Phi_{532}^2\ \Phi_{266}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_4^2\ \Phi_2^2$
37173	816	815	$\frac{19}{815}$	$\frac{139}{815}$	$\frac{169}{815}$	$\frac{398}{815}$	$\Phi_{815}\ \Phi_{163}\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
37174	816	205	$\frac{1}{41}$	$\frac{7}{41}$	$\frac{1}{5}$	$\frac{20}{41}$	$\Phi_{205}^5\ \Phi_5^4$
37175	816	156	$\frac{1}{39}$	$\frac{5}{39}$	$\frac{1}{4}$	$\frac{19}{39}$	$\Phi_{156}^7\ \Phi_{78}^7\ \Phi_{52}^7\ \Phi_{26}^7\ \Phi_{12}^7\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
37176	816	815	$\frac{21}{815}$	$\frac{101}{815}$	$\frac{209}{815}$	$\frac{397}{815}$	$\Phi_{815}\ \Phi_{163}\ \Phi_5\ \Phi_1^2$
37177	816	1227	$\frac{11}{409}$	$\frac{35}{409}$	$\frac{1}{3}$	$\frac{199}{409}$	Φ_{1227}
37178	816	759	$\frac{1}{33}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{16}{33}$	$\Phi_{759}\ \Phi_{253}\ \Phi_{69}\ \Phi_{33}^2\ \Phi_{23}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
37179	816	429	$\frac{1}{33}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{429}^2\ \Phi_{143}^2\ \Phi_{39}^3\ \Phi_{13}^2$
37180	816	759	$\frac{1}{33}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{16}{33}$	$\Phi_{759}\ \Phi_{253}\ \Phi_{69}\ \Phi_{33}^2\ \Phi_{23}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
37181	816	396	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^4\ \Phi_{22}^2\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
37182	816	759	$\frac{1}{33}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{16}{33}$	$\Phi_{759}\ \Phi_{253}\ \Phi_{69}\ \Phi_{33}^2\ \Phi_{23}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
37183	816	1155	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{16}{33}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{105}\ \Phi_{35}^2$
37184	816	163	$\frac{5}{163}$	$\frac{7}{163}$	$\frac{78}{163}$	$\frac{79}{163}$	$\Phi_{163}^5\ \Phi_1^6$
37185	816	163	$\frac{5}{163}$	$\frac{27}{163}$	$\frac{28}{163}$	$\frac{79}{163}$	$\Phi_{163}^5\ \Phi_1^6$
37186	816	815	$\frac{33}{815}$	$\frac{53}{815}$	$\frac{254}{815}$	$\frac{391}{815}$	$\Phi_{815}\ \Phi_{163}\ \Phi_5\ \Phi_1^2$
37187	816	414	$\frac{1}{23}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{414}^2\ \Phi_{207}^2\ \Phi_{138}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{18}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
37188	816	299	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{299}^3\ \Phi_{13}^2$
37189	816	506	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{11}{23}$	$\Phi_{506}^2\ \Phi_{253}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{22}^4\ \Phi_{11}^2\ \Phi_2^4\ \Phi_1^4$
37190	816	815	$\frac{37}{815}$	$\frac{71}{815}$	$\frac{186}{815}$	$\frac{389}{815}$	$\Phi_{815}\ \Phi_{163}\ \Phi_5\ \Phi_1^2$
37191	816	260	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{31}{65}$	$\Phi_{260}^4\ \Phi_{130}^4\ \Phi_{52}^5\ \Phi_{26}^5\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_4^4\ \Phi_2^4$
37192	816	588	$\frac{1}{21}$	$\frac{11}{147}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
37193	816	927	$\frac{5}{103}$	$\frac{1}{9}$	$\frac{18}{103}$	$\frac{49}{103}$	$\Phi_{927}\ \Phi_{309}$
37194	816	815	$\frac{41}{815}$	$\frac{107}{815}$	$\frac{118}{815}$	$\frac{387}{815}$	$\Phi_{815}\ \Phi_{163}\ \Phi_5\ \Phi_1^2$
37195	816	959	$\frac{7}{137}$	$\frac{18}{137}$	$\frac{1}{7}$	$\frac{65}{137}$	Φ_{959}
37196	816	815	$\frac{43}{815}$	$\frac{84}{815}$	$\frac{143}{815}$	$\frac{386}{815}$	$\Phi_{815}\ \Phi_{163}\ \Phi_5\ \Phi_1^2$
37197	816	205	$\frac{11}{205}$	$\frac{18}{205}$	$\frac{1}{5}$	$\frac{97}{205}$	$\Phi_{205}^4\ \Phi_{41}^4\ \Phi_5^3\ \Phi_1^4$
37198	816	364	$\frac{5}{91}$	$\frac{6}{91}$	$\frac{1}{4}$	$\frac{43}{91}$	$\Phi_{364}^3\ \Phi_{182}^3\ \Phi_{52}^3\ \Phi_{28}^3\ \Phi_{26}^3\ \Phi_{14}^3\ \Phi_4^2\ \Phi_2^2$
37199	816	163	$\frac{9}{163}$	$\frac{10}{163}$	$\frac{43}{163}$	$\frac{77}{163}$	$\Phi_{163}^5\ \Phi_1^6$
37200	816	1227	$\frac{18}{409}$	$\frac{23}{409}$	$\frac{1}{3}$	$\frac{193}{409}$	Φ_{1227}
37201	816	882	$\frac{1}{18}$	$\frac{3}{49}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{882}\ \Phi_{441}\ \Phi_{294}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
37202	816	2400	$\frac{1}{25}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{2400}\ \Phi_{480}\ \Phi_{75}\ \Phi_{15}$
37203	816	1504	$\frac{2}{47}$	$\frac{1}{16}$	$\frac{15}{47}$	$\frac{15}{32}$	$\Phi_{1504}\ \Phi_{47}\ \Phi_{32}^2\ \Phi_1^2$
37204	816	544	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{544}^3\ \Phi_{68}\ \Phi_{34}$
37205	816	1504	$\frac{1}{16}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{15}{32}$	$\Phi_{1504}\ \Phi_{47}\ \Phi_{32}^2\ \Phi_1^2$
37206	816	2080	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{2080}\ \Phi_{65}$
37207	816	1504	$\frac{1}{16}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{15}{32}$	$\Phi_{1504}\ \Phi_{47}\ \Phi_{32}^2\ \Phi_1^2$
37208	816	2016	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{63}\ \Phi_{21}$
37209	816	75	$\frac{1}{25}$	$\frac{1}{15}$	$\frac{8}{25}$	$\frac{7}{15}$	$\Phi_{75}^{10}\ \Phi_{25}^{12}\ \Phi_{15}^{11}\ \Phi_5^{13}\ \Phi_3^{11}\ \Phi_1^{14}$
37210	816	180	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{180}^6\ \Phi_{90}^3\ \Phi_{60}^5\ \Phi_{45}^3\ \Phi_{36}^8\ \Phi_{30}^2\ \Phi_{20}^5\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{12}^7\ \Phi_{10}^2\ \Phi_9^4\ \Phi_6^3\ \Phi_5^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
37211	816	165	$\frac{1}{15}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{165}^5\ \Phi_{55}^6\ \Phi_{33}^5\ \Phi_{15}\ \Phi_{11}^6\ \Phi_5\ \Phi_3\ \Phi_1^2$
37212	816	60	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{7}{15}$	$\Phi_{60}^{15}\ \Phi_{30}^{10}\ \Phi_{20}^{18}\ \Phi_{15}^{11}\ \Phi_{12}^{15}\ \Phi_{10}^{12}\ \Phi_6^{10}\ \Phi_5^{13}\ \Phi_4^{18}\ \Phi_3^{11}\ \Phi_2^{12}\ \Phi_1^{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
37213	816	572	$\frac{7}{143}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{572}^2\ \Phi_{286}^2\ \Phi_{52}\ \Phi_{44}^2\ \Phi_{26}\ \Phi_{22}^2$
37214	816	252	$\frac{1}{21}$	$\frac{5}{63}$	$\frac{1}{4}$	$\frac{29}{63}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^5\ \Phi_{42}^5\ \Phi_{36}^4\ \Phi_{28}^5\ \Phi_{18}^4\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_{6}^5\ \Phi_{4}^4\ \Phi_{2}^4$
37215	816	163	$\frac{7}{163}$	$\frac{13}{163}$	$\frac{44}{163}$	$\frac{75}{163}$	$\Phi_{163}^5\ \Phi_{1}^6$
37216	816	1227	$\frac{13}{409}$	$\frac{33}{409}$	$\frac{1}{3}$	$\frac{188}{409}$	Φ_{1227}
37217	816	815	$\frac{26}{815}$	$\frac{69}{815}$	$\frac{263}{815}$	$\frac{373}{815}$	$\Phi_{815}\ \Phi_{163}\ \Phi_{5}\ \Phi_{1}^2$
37218	816	1155	$\frac{1}{35}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}^2\ \Phi_{21}^2\ \Phi_{15}^2$
37219	816	737	$\frac{3}{67}$	$\frac{1}{11}$	$\frac{16}{67}$	$\frac{5}{11}$	$\Phi_{737}\ \Phi_{67}^2\ \Phi_{11}^2\ \Phi_{1}^4$
37220	816	990	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
37221	816	882	$\frac{1}{18}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{882}\ \Phi_{441}\ \Phi_{294}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
37222	816	815	$\frac{39}{815}$	$\frac{97}{815}$	$\frac{152}{815}$	$\frac{359}{815}$	$\Phi_{815}\ \Phi_{163}\ \Phi_{5}\ \Phi_{1}^2$
37223	816	175	$\frac{1}{35}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{175}^5\ \Phi_{35}^4\ \Phi_{25}^4\ \Phi_{7}^4\ \Phi_{5}^3\ \Phi_{1}^4$
37224	816	364	$\frac{3}{91}$	$\frac{11}{91}$	$\frac{1}{4}$	$\frac{40}{91}$	$\Phi_{364}^3\ \Phi_{182}^3\ \Phi_{52}^3\ \Phi_{28}^3\ \Phi_{26}^3\ \Phi_{14}^3\ \Phi_{4}^2\ \Phi_{2}^2$
37225	816	815	$\frac{27}{815}$	$\frac{103}{815}$	$\frac{197}{815}$	$\frac{356}{815}$	$\Phi_{815}\ \Phi_{163}\ \Phi_{5}\ \Phi_{1}^2$
37226	816	1470	$\frac{1}{49}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1470}\ \Phi_{490}\ \Phi_{294}\ \Phi_{210}\ \Phi_{147}\ \Phi_{98}\ \Phi_{70}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
37227	816	150	$\frac{1}{25}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{150}^{10}\ \Phi_{50}^{10}\ \Phi_{30}^8\ \Phi_{25}^4\ \Phi_{10}^8\ \Phi_{6}^8\ \Phi_{5}^3\ \Phi_{2}^8\ \Phi_{1}^4$
37228	816	1092	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{273}\ \Phi_{156}^2\ \Phi_{84}\ \Phi_{78}^2\ \Phi_{42}\ \Phi_{39}^2\ \Phi_{12}^2\ \Phi_{6}^2$
37229	816	707	$\frac{2}{101}$	$\frac{1}{7}$	$\frac{33}{101}$	$\frac{3}{7}$	$\Phi_{707}\ \Phi_{101}^2\ \Phi_{7}^2\ \Phi_{1}^4$
37230	816	140	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{140}^8\ \Phi_{70}^8\ \Phi_{28}^7\ \Phi_{20}^8\ \Phi_{14}^7\ \Phi_{10}^8\ \Phi_{4}^6\ \Phi_{2}^6$
37231	816	525	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{525}^2\ \Phi_{175}\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{35}\ \Phi_{15}^2$
37232	816	707	$\frac{5}{101}$	$\frac{1}{7}$	$\frac{16}{101}$	$\frac{3}{7}$	$\Phi_{707}\ \Phi_{101}^2\ \Phi_{7}^2\ \Phi_{1}^4$
37233	816	126	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{126}^7\ \Phi_{63}^7\ \Phi_{42}^7\ \Phi_{21}^7\ \Phi_{18}^6\ \Phi_{14}^7\ \Phi_{9}^6\ \Phi_{6}^6\ \Phi_{3}^6\ \Phi_{2}^6$
37234	816	815	$\frac{41}{815}$	$\frac{118}{815}$	$\frac{129}{815}$	$\frac{343}{815}$	$\Phi_{815}\ \Phi_{163}\ \Phi_{5}\ \Phi_{1}^2$
37235	816	205	$\frac{7}{205}$	$\frac{33}{205}$	$\frac{1}{5}$	$\frac{86}{205}$	$\Phi_{205}^4\ \Phi_{41}^4\ \Phi_{5}^3\ \Phi_{1}^4$
37236	816	468	$\frac{1}{39}$	$\frac{19}{117}$	$\frac{1}{4}$	$\frac{49}{117}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{36}^2\ \Phi_{26}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
37237	816	815	$\frac{17}{815}$	$\frac{133}{815}$	$\frac{237}{815}$	$\frac{341}{815}$	$\Phi_{815}\ \Phi_{163}\ \Phi_{5}\ \Phi_{1}^2$
37238	816	1227	$\frac{7}{409}$	$\frac{67}{409}$	$\frac{1}{3}$	$\frac{171}{409}$	Φ_{1227}
37239	816	1176	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1176}\ \Phi_{392}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{98}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
37240	816	815	$\frac{14}{815}$	$\frac{137}{815}$	$\frac{267}{815}$	$\frac{339}{815}$	$\Phi_{815}\ \Phi_{163}\ \Phi_{5}\ \Phi_{1}^2$
37241	816	884	$\frac{1}{52}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{884}\ \Phi_{442}\ \Phi_{221}\ \Phi_{68}\ \Phi_{34}$
37242	816	345	$\frac{1}{69}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{345}^2\ \Phi_{115}^2\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_{15}\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
37243	816	45	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{2}{5}$	$\Phi_{45}^{18}\ \Phi_{15}^{18}\ \Phi_{9}^{18}\ \Phi_{5}^{19}\ \Phi_{3}^{18}\ \Phi_{1}^{20}$
37244	816	35	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{35}^{24}\ \Phi_{7}^{24}\ \Phi_{5}^{19}\ \Phi_{1}^{20}$
37245	816	405	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{405}^2\ \Phi_{135}\ \Phi_{81}^4\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
37246	816	100	$\frac{1}{25}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{100}^{10}\ \Phi_{50}^{10}\ \Phi_{25}^4\ \Phi_{20}^8\ \Phi_{10}^8\ \Phi_{5}^3\ \Phi_{4}^8\ \Phi_{2}^8\ \Phi_{1}^4$
37247	816	135	$\frac{7}{135}$	$\frac{16}{135}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{135}^6\ \Phi_{45}^6\ \Phi_{27}^6\ \Phi_{15}^6\ \Phi_{9}^6\ \Phi_{5}^7\ \Phi_{3}^6\ \Phi_{1}^8$
37248	816	90	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{90}^8\ \Phi_{45}^7\ \Phi_{30}^8\ \Phi_{18}^{16}\ \Phi_{15}^7\ \Phi_{10}^8\ \Phi_{9}^{14}\ \Phi_{6}^{16}\ \Phi_{5}^8\ \Phi_{3}^{14}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
37249	816	75	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{75}^{12}\ \Phi_{25}^{12}\ \Phi_{15}^6\ \Phi_{5}^7\ \Phi_{3}^6\ \Phi_{1}^8$
37250	816	815	$\frac{29}{815}$	$\frac{131}{815}$	$\frac{171}{815}$	$\frac{322}{815}$	$\Phi_{815}\ \Phi_{163}\ \Phi_{5}\ \Phi_{1}^2$
37251	816	700	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{700}^2\ \Phi_{175}\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{35}\ \Phi_{20}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
37252	816	882	$\frac{1}{18}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{882}\ \Phi_{441}\ \Phi_{294}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
37253	816	897	$\frac{1}{69}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{897}\ \Phi_{299}\ \Phi_{39}$
37254	816	815	$\frac{43}{815}$	$\frac{84}{815}$	$\frac{193}{815}$	$\frac{311}{815}$	$\Phi_{815}\ \Phi_{163}\ \Phi_{5}\ \Phi_{1}^{2}$
37255	816	959	$\frac{5}{137}$	$\frac{1}{7}$	$\frac{33}{137}$	$\frac{52}{137}$	Φ_{959}
37256	816	410	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{10}{41}$	$\frac{31}{82}$	$\Phi_{410}^{4}\ \Phi_{205}\ \Phi_{10}^{4}$
37257	816	815	$\frac{19}{815}$	$\frac{169}{815}$	$\frac{199}{815}$	$\frac{308}{815}$	$\Phi_{815}\ \Phi_{163}\ \Phi_{5}\ \Phi_{1}^{2}$
37258	816	1092	$\frac{5}{273}$	$\frac{67}{273}$	$\frac{1}{4}$	$\frac{103}{273}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{182}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}\ \Phi_{42}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
37259	816	815	$\frac{11}{815}$	$\frac{201}{815}$	$\frac{254}{815}$	$\frac{307}{815}$	$\Phi_{815}\ \Phi_{163}\ \Phi_{5}\ \Phi_{1}^{2}$
37260	816	1227	$\frac{5}{409}$	$\frac{101}{409}$	$\frac{1}{3}$	$\frac{154}{409}$	Φ_{1227}
37261	816	952	$\frac{1}{17}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{119}\ \Phi_{68}\ \Phi_{34}$
37262	816	163	$\frac{3}{163}$	$\frac{40}{163}$	$\frac{41}{163}$	$\frac{61}{163}$	$\Phi_{163}^{5}\ \Phi_{1}^{6}$
37263	816	175	$\frac{1}{35}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{175}^{5}\ \Phi_{35}^{4}\ \Phi_{25}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
37264	816	815	$\frac{31}{815}$	$\frac{98}{815}$	$\frac{239}{815}$	$\frac{288}{815}$	$\Phi_{815}\ \Phi_{163}\ \Phi_{5}\ \Phi_{1}^{2}$
37265	816	882	$\frac{1}{18}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{882}\ \Phi_{441}\ \Phi_{294}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
37266	816	442	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{442}^{3}\ \Phi_{221}\ \Phi_{34}^{3}$
37267	816	815	$\frac{44}{815}$	$\frac{67}{815}$	$\frac{257}{815}$	$\frac{279}{815}$	$\Phi_{815}\ \Phi_{163}\ \Phi_{5}\ \Phi_{1}^{2}$
37268	816	927	$\frac{4}{103}$	$\frac{1}{9}$	$\frac{33}{103}$	$\frac{35}{103}$	$\Phi_{927}\ \Phi_{309}$
37269	816	163	$\frac{4}{163}$	$\frac{27}{163}$	$\frac{53}{163}$	$\frac{55}{163}$	$\Phi_{163}^{5}\ \Phi_{1}^{6}$
37270	816	205	$\frac{4}{205}$	$\frac{1}{5}$	$\frac{67}{205}$	$\frac{69}{205}$	$\Phi_{205}^{4}\ \Phi_{41}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
37271	816	815	$\frac{8}{815}$	$\frac{269}{815}$	$\frac{271}{815}$	$\frac{273}{815}$	$\Phi_{815}\ \Phi_{163}\ \Phi_{5}\ \Phi_{1}^{2}$
37272	816	1227	$\frac{4}{409}$	$\frac{135}{409}$	$\frac{1}{3}$	$\frac{137}{409}$	Φ_{1227}
37273	816	309	$\frac{1}{103}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{309}^{3}\ \Phi_{103}^{2}$
37274	816	609	$\frac{2}{203}$	$\frac{67}{203}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{609}\ \Phi_{203}^{2}\ \Phi_{87}\ \Phi_{29}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
37275	816	276	$\frac{1}{69}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{276}^{4}\ \Phi_{138}^{4}\ \Phi_{92}^{4}\ \Phi_{46}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
37276	816	609	$\frac{3}{203}$	$\frac{50}{203}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{609}\ \Phi_{203}^{2}\ \Phi_{87}\ \Phi_{29}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
37277	816	780	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}^{2}\ \Phi_{195}\ \Phi_{130}^{2}\ \Phi_{65}^{2}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
37278	816	609	$\frac{5}{203}$	$\frac{33}{203}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{609}\ \Phi_{203}^{2}\ \Phi_{87}\ \Phi_{29}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
37279	816	105	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^{6}\ \Phi_{35}^{12}\ \Phi_{21}^{5}\ \Phi_{15}^{6}\ \Phi_{7}^{10}\ \Phi_{5}^{12}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
37280	816	174	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{174}^{4}\ \Phi_{87}^{3}\ \Phi_{58}^{8}\ \Phi_{29}^{6}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
37281	816	609	$\frac{11}{203}$	$\frac{16}{203}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{609}\ \Phi_{203}^{2}\ \Phi_{87}\ \Phi_{29}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
37282	816	234	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{234}^{4}\ \Phi_{117}^{4}\ \Phi_{78}^{4}\ \Phi_{39}^{3}\ \Phi_{26}^{4}\ \Phi_{13}^{2}$
37283	816	1620	$\frac{2}{135}$	$\frac{1}{4}$	$\frac{133}{405}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{324}\ \Phi_{162}\ \Phi_{12}\ \Phi_{6}$
37284	816	1515	$\frac{2}{101}$	$\frac{1}{5}$	$\frac{33}{101}$	$\frac{1}{3}$	$\Phi_{1515}\ \Phi_{15}^{2}$
37285	816	1227	$\frac{10}{409}$	$\frac{69}{409}$	$\frac{133}{409}$	$\frac{1}{3}$	Φ_{1227}
37286	816	225	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{225}^{4}\ \Phi_{75}^{2}\ \Phi_{45}^{4}\ \Phi_{25}^{4}\ \Phi_{15}^{2}\ \Phi_{9}^{6}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
37287	816	1227	$\frac{22}{409}$	$\frac{35}{409}$	$\frac{129}{409}$	$\frac{1}{3}$	Φ_{1227}
37288	816	1287	$\frac{2}{33}$	$\frac{1}{13}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{1287}\ \Phi_{117}\ \Phi_{39}$
37289	816	414	$\frac{1}{18}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{414}^{2}\ \Phi_{207}^{2}\ \Phi_{138}^{2}\ \Phi_{69}\ \Phi_{46}^{2}\ \Phi_{23}^{2}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
37290	816	1227	$\frac{17}{409}$	$\frac{49}{409}$	$\frac{120}{409}$	$\frac{1}{3}$	Φ_{1227}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
37291	816	600	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}^2\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
37292	816	1155	$\frac{1}{35}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}^2\ \Phi_{21}^2\ \Phi_{15}^2$
37293	816	1227	$\frac{9}{409}$	$\frac{100}{409}$	$\frac{103}{409}$	$\frac{1}{3}$	Φ_{1227}
37294	816	180	$\frac{1}{45}$	$\frac{11}{45}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^6\ \Phi_{36}^6\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{18}^6\ \Phi_{12}^7\ \Phi_{10}^6\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
37295	816	1116	$\frac{7}{279}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1116}\ \Phi_{558}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{62}\ \Phi_{12}\ \Phi_6$
37296	816	420	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{84}^4\ \Phi_{60}^3\ \Phi_{42}^4\ \Phi_{30}^3\ \Phi_{12}^4\ \Phi_6^4$
37297	816	324	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
37298	816	300	$\frac{1}{25}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{75}^5\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4$
37299	816	1260	$\frac{2}{45}$	$\frac{43}{315}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
37300	816	1140	$\frac{13}{285}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{228}\ \Phi_{190}\ \Phi_{114}\ \Phi_{76}\ \Phi_{38}\ \Phi_{12}\ \Phi_6$
37301	816	540	$\frac{7}{135}$	$\frac{16}{135}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
37302	816	36	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{36}^{30}\ \Phi_{18}^{14}\ \Phi_{12}^{31}\ \Phi_9^{16}\ \Phi_6^{15}\ \Phi_4^{30}\ \Phi_3^{16}\ \Phi_2^{14}\ \Phi_1^{16}$
37303	816	300	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{60}^2\ \Phi_{50}^4\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
37304	816	1188	$\frac{2}{27}$	$\frac{25}{297}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
37305	816	1407	$\frac{3}{67}$	$\frac{1}{7}$	$\frac{16}{67}$	$\frac{1}{3}$	$\Phi_{1407}\ \Phi_{21}^2$
37306	816	1227	$\frac{21}{409}$	$\frac{52}{409}$	$\frac{97}{409}$	$\frac{1}{3}$	Φ_{1227}
37307	816	858	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{858}^2\ \Phi_{429}\ \Phi_{78}^2\ \Phi_{39}^2$
37308	816	414	$\frac{1}{18}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{414}^2\ \Phi_{207}^2\ \Phi_{138}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{18}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
37309	816	1227	$\frac{19}{409}$	$\frac{65}{409}$	$\frac{86}{409}$	$\frac{1}{3}$	Φ_{1227}
37310	816	1515	$\frac{5}{101}$	$\frac{16}{101}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1515}\ \Phi_{15}^2$
37311	816	630	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{35}^2$
37312	816	495	$\frac{4}{55}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{165}\ \Phi_{99}^2\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
37313	816	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{1}{3}$	$\Phi_{180}^6\ \Phi_{90}^4\ \Phi_{60}^3\ \Phi_{45}^4\ \Phi_{36}^6\ \Phi_{30}^2\ \Phi_{20}^6\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_9^6\ \Phi_6^2\ \Phi_5^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
37314	816	1404	$\frac{1}{39}$	$\frac{79}{351}$	$\frac{1}{4}$	$\frac{38}{117}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{156}\ \Phi_{108}\ \Phi_{78}\ \Phi_{54}\ \Phi_{52}\ \Phi_{26}\ \Phi_{12}\ \Phi_6$
37315	816	25	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{8}{25}$	$\Phi_{25}^{32}\ \Phi_5^{35}\ \Phi_1^{36}$
37316	816	1128	$\frac{2}{47}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{15}{47}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{47}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
37317	816	940	$\frac{2}{47}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{15}{47}$	$\Phi_{940}\ \Phi_{470}\ \Phi_{235}\ \Phi_{47}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
37318	816	1596	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{127}{399}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{228}\ \Phi_{114}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
37319	816	815	$\frac{38}{815}$	$\frac{139}{815}$	$\frac{169}{815}$	$\frac{259}{815}$	$\Phi_{815}\ \Phi_{163}\ \Phi_5\ \Phi_1^2$
37320	816	1260	$\frac{1}{21}$	$\frac{43}{315}$	$\frac{1}{4}$	$\frac{20}{63}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
37321	816	205	$\frac{2}{41}$	$\frac{7}{41}$	$\frac{1}{5}$	$\frac{13}{41}$	$\Phi_{205}^5\ \Phi_5^4$
37322	816	506	$\frac{2}{23}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{7}{23}$	$\Phi_{506}^2\ \Phi_{253}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{22}^4\ \Phi_{11}^2\ \Phi_2^4\ \Phi_1^4$
37323	816	780	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{4}$	$\frac{59}{195}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{60}^2\ \Phi_{52}\ \Phi_{30}^2\ \Phi_{26}\ \Phi_{12}^2\ \Phi_6^2$
37324	816	408	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{408}^3\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{68}\ \Phi_{51}^3\ \Phi_{34}$
37325	816	1128	$\frac{3}{47}$	$\frac{1}{8}$	$\frac{11}{47}$	$\frac{7}{24}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{47}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
37326	816	1560	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{65}$
37327	816	1128	$\frac{5}{47}$	$\frac{1}{8}$	$\frac{7}{47}$	$\frac{7}{24}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{47}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
37328	816	504	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{63}^3\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2$
37329	816	126	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{126}^7\ \Phi_{63}^7\ \Phi_{42}^7\ \Phi_{21}^4\ \Phi_{18}^6\ \Phi_{14}^7\ \Phi_9^6\ \Phi_7^6\ \Phi_6^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
37330	816	756	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{1}{4}$	$\frac{53}{189}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{108}^2\ \Phi_{84}\ \Phi_{54}^2\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
37331	816	737	$\frac{3}{67}$	$\frac{2}{11}$	$\frac{16}{67}$	$\frac{3}{11}$	$\Phi_{737}\ \Phi_{67}^2\ \Phi_{11}^2\ \Phi_1^4$
37332	816	990	$\frac{1}{18}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
37333	816	163	$\frac{7}{163}$	$\frac{31}{163}$	$\frac{39}{163}$	$\frac{44}{163}$	$\Phi_{163}^5\ \Phi_1^6$
37334	816	225	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{225}^5\ \Phi_{45}^4\ \Phi_{25}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_1^4$
37335	816	882	$\frac{1}{18}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{882}\ \Phi_{441}\ \Phi_{294}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
37336	816	815	$\frac{39}{815}$	$\frac{152}{815}$	$\frac{194}{815}$	$\frac{207}{815}$	$\Phi_{815}\ \Phi_{163}\ \Phi_5\ \Phi_1^2$
37337	816	205	$\frac{9}{205}$	$\frac{1}{5}$	$\frac{49}{205}$	$\frac{52}{205}$	$\Phi_{205}^4\ \Phi_{41}^4\ \Phi_5^3\ \Phi_1^4$
37338	816	364	$\frac{3}{91}$	$\frac{22}{91}$	$\frac{1}{4}$	$\frac{23}{91}$	$\Phi_{364}^3\ \Phi_{182}^3\ \Phi_{52}^3\ \Phi_{28}^3\ \Phi_{26}^3\ \Phi_{14}^3\ \Phi_4^2\ \Phi_2^2$
37339	816	340	$\frac{1}{17}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{340}^3\ \Phi_{170}^3\ \Phi_{85}^3\ \Phi_{68}\ \Phi_{34}$
37340	816	1340	$\frac{3}{67}$	$\frac{1}{5}$	$\frac{16}{67}$	$\frac{1}{4}$	$\Phi_{1340}\ \Phi_{670}\ \Phi_{20}^2\ \Phi_{10}^2$
37341	816	84	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{5}{21}$	$\frac{1}{4}$	$\Phi_{84}^{13}\ \Phi_{42}^{13}\ \Phi_{28}^{13}\ \Phi_{14}^{13}\ \Phi_{12}^{13}\ \Phi_6^{13}\ \Phi_4^{12}\ \Phi_2^{12}$
37342	816	940	$\frac{3}{47}$	$\frac{3}{20}$	$\frac{11}{47}$	$\frac{1}{4}$	$\Phi_{940}\ \Phi_{470}\ \Phi_{235}\ \Phi_{47}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
37343	816	156	$\frac{1}{13}$	$\frac{5}{39}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{156}^8\ \Phi_{78}^8\ \Phi_{52}^5\ \Phi_{26}^5\ \Phi_{12}^8\ \Phi_6^8\ \Phi_4^4\ \Phi_2^4$
37344	816	396	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{396}^3\ \Phi_{198}\ \Phi_{132}^3\ \Phi_{99}^2\ \Phi_{66}\ \Phi_{36}^4\ \Phi_{33}^2\ \Phi_{18}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2$
37345	816	1088	$\frac{1}{17}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{1088}\ \Phi_{544}\ \Phi_{68}\ \Phi_{34}$
37346	816	180	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^6\ \Phi_{90}^3\ \Phi_{60}^6\ \Phi_{45}^3\ \Phi_{36}^8\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{12}^8\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
37347	816	260	$\frac{1}{13}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{260}^3\ \Phi_{130}^3\ \Phi_{65}^4\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{13}^4$
37348	816	1300	$\frac{1}{13}$	$\frac{53}{325}$	$\frac{12}{65}$	$\frac{1}{4}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{100}\ \Phi_{52}\ \Phi_{50}\ \Phi_{26}$
37349	816	156	$\frac{4}{39}$	$\frac{5}{39}$	$\frac{7}{39}$	$\frac{1}{4}$	$\Phi_{156}^7\ \Phi_{78}^7\ \Phi_{52}^7\ \Phi_{26}^7\ \Phi_{12}^7\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
37350	816	940	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{940}\ \Phi_{470}\ \Phi_{235}\ \Phi_{47}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
37351	816	1260	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{105}\ \Phi_{63}\ \Phi_{21}$
37352	816	506	$\frac{1}{11}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{5}{22}$	$\Phi_{506}^2\ \Phi_{253}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{22}^4\ \Phi_{11}^2\ \Phi_2^4\ \Phi_1^4$
37353	816	770	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{5}{22}$	$\Phi_{770}^2\ \Phi_{385}\ \Phi_{70}^2\ \Phi_{35}^2$
37354	816	55	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{55}^{16}\ \Phi_{11}^{16}\ \Phi_5^3\ \Phi_1^4$
37355	816	125	$\frac{2}{25}$	$\frac{23}{125}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{125}^8\ \Phi_5^3\ \Phi_1^4$
37356	816	75	$\frac{7}{75}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{75}^{12}\ \Phi_{25}^8\ \Phi_{15}^{12}\ \Phi_5^{11}\ \Phi_3^{12}\ \Phi_1^{12}$
37357	816	20	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{20}^{48}\ \Phi_{10}^{32}\ \Phi_5^{35}\ \Phi_4^{48}\ \Phi_2^{32}\ \Phi_1^{36}$
37358	816	205	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{1}{5}$	$\Phi_{205}^5\ \Phi_5^4$
37359	817	1092	$\frac{2}{273}$	$\frac{275}{1092}$	$\frac{1}{3}$	$\frac{271}{546}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{273}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{52}\ \Phi_{39}\ \Phi_{28}\ \Phi_{21}\ \Phi_{13}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
37360	817	1620	$\frac{7}{810}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{803}{1620}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{324}\ \Phi_{180}\ \Phi_{108}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
37361	817	936	$\frac{2}{117}$	$\frac{119}{936}$	$\frac{1}{3}$	$\frac{115}{234}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
37362	817	984	$\frac{3}{164}$	$\frac{167}{984}$	$\frac{1}{4}$	$\frac{161}{328}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
37363	817	1536	$\frac{1}{48}$	$\frac{49}{768}$	$\frac{719}{1536}$	$\frac{47}{96}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{96}\ \Phi_{32}\ \Phi_1$
37364	817	1152	$\frac{1}{48}$	$\frac{49}{384}$	$\frac{335}{1152}$	$\frac{47}{96}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
37365	817	960	$\frac{1}{48}$	$\frac{143}{960}$	$\frac{49}{192}$	$\frac{47}{96}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
37366	817	1600	$\frac{17}{800}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{783}{1600}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
37367	817	1600	$\frac{17}{800}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{783}{1600}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{64}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
37368	817	252	$\frac{1}{42}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{41}{84}$	$\Phi_{126}^6\ \Phi_{84}\ \Phi_{63}^6\ \Phi_{42}^6\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}^6\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_{12}^2\ \Phi_9^6\ \Phi_7^6\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
37369	817	84	$\frac{1}{42}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{84}^{19}\ \Phi_{28}^{19}\ \Phi_{21}\ \Phi_{12}^{19}\ \Phi_7\ \Phi_4^{19}\ \Phi_1$
37370	817	756	$\frac{1}{42}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{41}{84}$	$\Phi_{756}^3\ \Phi_{108}^3\ \Phi_{84}\ \Phi_{28}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
37371	817	168	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{41}{84}$	$\Phi_{168}^6\ \Phi_{84}\ \Phi_{56}^6\ \Phi_{42}^6\ \Phi_{28}\ \Phi_{24}^7\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{12}^2\ \Phi_8^7\ \Phi_7^6\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
37372	817	1584	$\frac{25}{792}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{767}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
37373	817	882	$\frac{2}{63}$	$\frac{65}{882}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{882}\ \Phi_{441}\ \Phi_{294}\ \Phi_{147}\ \Phi_{98}\ \Phi_{63}\ \Phi_{49}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$
37374	817	1104	$\frac{11}{276}$	$\frac{1}{12}$	$\frac{287}{1104}$	$\frac{265}{552}$	$\Phi_{1104}\ \Phi_{368}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{48}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_1$
37375	817	1560	$\frac{37}{780}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{743}{1560}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{120}\ \Phi_{104}\ \Phi_{40}\ \Phi_{39}\ \Phi_{24}\ \Phi_{13}\ \Phi_8\ \Phi_1$
37376	817	858	$\frac{41}{858}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{858}\ \Phi_{429}\ \Phi_{286}\ \Phi_{143}\ \Phi_{66}\ \Phi_{39}\ \Phi_{33}\ \Phi_{22}\ \Phi_{13}\ \Phi_{11}\ \Phi_1$
37377	817	180	$\frac{2}{45}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{180}^9\ \Phi_{60}^9\ \Phi_{45}\ \Phi_{36}^7\ \Phi_{20}^9\ \Phi_{15}\ \Phi_{12}^7\ \Phi_9\ \Phi_5\ \Phi_4^7\ \Phi_1$
37378	817	252	$\frac{1}{21}$	$\frac{1}{18}$	$\frac{20}{63}$	$\frac{17}{36}$	$\Phi_{252}^6\ \Phi_{84}^6\ \Phi_{63}\ \Phi_{36}^7\ \Phi_{28}^6\ \Phi_{12}^7\ \Phi_9\ \Phi_4^7\ \Phi_1$
37379	817	504	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{17}{36}$	$\Phi_{504}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_8^3\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
37380	817	144	$\frac{1}{18}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{144}^6\ \Phi_{72}^6\ \Phi_{48}^7\ \Phi_{36}\ \Phi_{24}^7\ \Phi_{18}^6\ \Phi_{16}^7\ \Phi_{12}^2\ \Phi_9^6\ \Phi_8^7\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
37381	817	1764	$\frac{1}{18}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{17}{36}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{196}\ \Phi_{49}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
37382	817	960	$\frac{1}{16}$	$\frac{17}{160}$	$\frac{143}{960}$	$\frac{15}{32}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
37383	817	1536	$\frac{1}{16}$	$\frac{49}{768}$	$\frac{15}{64}$	$\frac{719}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
37384	817	80	$\frac{1}{20}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{80}^{19}\ \Phi_{20}^3\ \Phi_{16}^{19}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
37385	817	1512	$\frac{2}{63}$	$\frac{61}{756}$	$\frac{1}{3}$	$\frac{695}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{168}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{24}\ \Phi_{21}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
37386	817	840	$\frac{23}{840}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
37387	817	952	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{135}{952}$	$\frac{103}{238}$	$\Phi_{952}\ \Phi_{476}\ \Phi_{136}\ \Phi_{119}\ \Phi_{68}\ \Phi_{56}\ \Phi_{28}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
37388	817	1440	$\frac{1}{48}$	$\frac{97}{720}$	$\frac{47}{144}$	$\frac{623}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
37389	817	1440	$\frac{1}{24}$	$\frac{97}{720}$	$\frac{23}{120}$	$\frac{623}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
37390	817	1008	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{191}{1008}$	$\frac{145}{336}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
37391	817	1428	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{103}{714}$	$\frac{611}{1428}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{204}\ \Phi_{119}\ \Phi_{84}\ \Phi_{68}\ \Phi_{28}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
37392	817	840	$\frac{23}{840}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
37393	817	1152	$\frac{1}{48}$	$\frac{47}{288}$	$\frac{335}{1152}$	$\frac{241}{576}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
37394	817	1404	$\frac{2}{117}$	$\frac{115}{702}$	$\frac{1}{3}$	$\frac{587}{1404}$	$\Phi_{1404}\ \Phi_{468}\ \Phi_{156}\ \Phi_{117}\ \Phi_{108}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{13}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
37395	817	352	$\frac{1}{44}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{352}^4\ \Phi_{44}^3\ \Phi_{32}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
37396	817	96	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{96}^{16}\ \Phi_{48}^3\ \Phi_{32}^{11}\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
37397	817	960	$\frac{1}{24}$	$\frac{143}{960}$	$\frac{23}{120}$	$\frac{97}{240}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
37398	817	1020	$\frac{1}{34}$	$\frac{33}{170}$	$\frac{203}{1020}$	$\frac{137}{340}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{60}\ \Phi_{51}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
37399	817	1360	$\frac{1}{34}$	$\frac{33}{170}$	$\frac{137}{680}$	$\frac{543}{1360}$	$\Phi_{1360}\ \Phi_{272}\ \Phi_{170}\ \Phi_{85}\ \Phi_{80}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
37400	817	1344	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{145}{672}$	$\frac{527}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{168}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
37401	817	828	$\frac{11}{828}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{36}\ \Phi_{23}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
37402	817	896	$\frac{1}{16}$	$\frac{79}{896}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
37403	817	1312	$\frac{3}{164}$	$\frac{161}{656}$	$\frac{1}{4}$	$\frac{495}{1312}$	$\Phi_{1312}\ \Phi_{164}\ \Phi_{82}\ \Phi_{41}\ \Phi_{32}\ \Phi_{1}$
37404	817	264	$\frac{1}{44}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^4\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{44}^3\ \Phi_{33}^4\ \Phi_{24}^3\ \Phi_{22}^3\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
37405	817	240	$\frac{1}{20}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^3\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
37406	817	660	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
37407	817	660	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}^2\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
37408	817	864	$\frac{47}{864}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
37409	817	1248	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{193}{624}$	$\frac{431}{1248}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{96}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
37410	817	1224	$\frac{1}{102}$	$\frac{101}{306}$	$\frac{407}{1224}$	$\frac{205}{612}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{306}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
37411	817	315	$\frac{2}{45}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{315}^3\ \Phi_{105}^3\ \Phi_{63}^3\ \Phi_{45}\ \Phi_{35}^3\ \Phi_{21}\ \Phi_{15}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
37412	817	1053	$\frac{2}{117}$	$\frac{236}{1053}$	$\frac{115}{351}$	$\frac{1}{3}$	$\Phi_{1053}\ \Phi_{117}\ \Phi_{81}\ \Phi_{39}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
37413	817	1215	$\frac{7}{405}$	$\frac{2}{9}$	$\frac{398}{1215}$	$\frac{1}{3}$	$\Phi_{1215}\ \Phi_{243}\ \Phi_{9}\ \Phi_{1}$
37414	817	945	$\frac{2}{63}$	$\frac{128}{945}$	$\frac{61}{189}$	$\frac{1}{3}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
37415	817	63	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{63}^{19}\ \Phi_{21}\ \Phi_{9}^{19}\ \Phi_{7}\ \Phi_{1}$
37416	817	1170	$\frac{2}{39}$	$\frac{37}{390}$	$\frac{353}{1170}$	$\frac{1}{3}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{234}\ \Phi_{117}\ \Phi_{90}\ \Phi_{45}\ \Phi_{39}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
37417	817	135	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{135}^9\ \Phi_{45}\ \Phi_{27}^7\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
37418	817	1134	$\frac{2}{63}$	$\frac{61}{378}$	$\frac{317}{1134}$	$\frac{1}{3}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{162}\ \Phi_{81}\ \Phi_{63}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
37419	817	837	$\frac{20}{837}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{837}\ \Phi_{279}\ \Phi_{93}\ \Phi_{31}\ \Phi_{9}\ \Phi_{1}$
37420	817	1080	$\frac{7}{270}$	$\frac{2}{9}$	$\frac{263}{1080}$	$\frac{1}{3}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
37421	817	1008	$\frac{2}{63}$	$\frac{191}{1008}$	$\frac{61}{252}$	$\frac{1}{3}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
37422	817	936	$\frac{2}{39}$	$\frac{119}{936}$	$\frac{37}{156}$	$\frac{1}{3}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{39}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
37423	817	168	$\frac{1}{14}$	$\frac{2}{21}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{168}^6\ \Phi_{84}^6\ \Phi_{56}^7\ \Phi_{28}^7\ \Phi_{24}^6\ \Phi_{21}\ \Phi_{12}^6\ \Phi_{8}^7\ \Phi_{7}\ \Phi_{4}^7\ \Phi_{1}$
37424	817	972	$\frac{7}{162}$	$\frac{155}{972}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{108}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
37425	817	45	$\frac{2}{45}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{45}^{18}\ \Phi_{15}^{18}\ \Phi_{9}^{19}\ \Phi_{5}^{18}\ \Phi_{3}^{18}\ \Phi_{1}^{19}$
37426	817	945	$\frac{7}{135}$	$\frac{128}{945}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{105}\ \Phi_{63}\ \Phi_{35}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
37427	817	864	$\frac{47}{864}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
37428	817	900	$\frac{7}{90}$	$\frac{83}{900}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
37429	817	891	$\frac{74}{891}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{891}\ \Phi_{297}\ \Phi_{99}\ \Phi_{33}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
37430	817	360	$\frac{2}{45}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{45}\ \Phi_{40}^3\ \Phi_{36}^3\ \Phi_{24}\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
37431	817	975	$\frac{2}{39}$	$\frac{158}{975}$	$\frac{37}{195}$	$\frac{1}{3}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{75}\ \Phi_{39}\ \Phi_{25}\ \Phi_{13}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
37432	817	336	$\frac{2}{21}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}\ \Phi_{28}^3\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
37433	817	147	$\frac{2}{21}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{147}^6\ \Phi_{49}^7\ \Phi_{21}\ \Phi_7\ \Phi_1$
37434	817	1200	$\frac{17}{400}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{383}{1200}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
37435	817	189	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{20}{63}$	$\Phi_{189}^6\ \Phi_{63}\ \Phi_{27}^7\ \Phi_9\ \Phi_1$
37436	817	504	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{20}{63}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{72}^3\ \Phi_{63}\ \Phi_{36}^3\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
37437	817	1188	$\frac{25}{396}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{371}{1188}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
37438	817	1512	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{56}$	$\frac{8}{27}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{216}\ \Phi_{108}\ \Phi_{56}\ \Phi_{28}\ \Phi_{27}\ \Phi_8\ \Phi_4\ \Phi_1$
37439	817	432	$\frac{5}{48}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{108}^3\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
37440	817	1323	$\frac{1}{9}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{8}{27}$	$\Phi_{1323}\ \Phi_{49}\ \Phi_{27}\ \Phi_1$
37441	817	1152	$\frac{1}{16}$	$\frac{49}{384}$	$\frac{15}{64}$	$\frac{335}{1152}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
37442	817	1071	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{254}{1071}$	$\frac{103}{357}$	$\Phi_{1071}\ \Phi_{153}\ \Phi_{119}\ \Phi_{63}\ \Phi_9\ \Phi_7\ \Phi_1$
37443	817	60	$\frac{1}{20}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{60}^{19}\ \Phi_{30}^{19}\ \Phi_{20}^3\ \Phi_{15}^{19}\ \Phi_{12}^{19}\ \Phi_{10}^3\ \Phi_6^{19}\ \Phi_5^3\ \Phi_4^2\ \Phi_3^{19}\ \Phi_2^2\ \Phi_1^3$
37444	817	1080	$\frac{1}{24}$	$\frac{23}{120}$	$\frac{263}{1080}$	$\frac{97}{360}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
37445	817	960	$\frac{1}{16}$	$\frac{143}{960}$	$\frac{15}{64}$	$\frac{49}{192}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
37446	817	880	$\frac{63}{880}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
37447	817	1000	$\frac{17}{200}$	$\frac{3}{20}$	$\frac{183}{1000}$	$\frac{1}{4}$	$\Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
37448	817	900	$\frac{83}{900}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
37449	817	960	$\frac{17}{160}$	$\frac{143}{960}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
37450	817	1024	$\frac{1}{16}$	$\frac{49}{256}$	$\frac{207}{1024}$	$\frac{15}{64}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
37451	817	168	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{13}{56}$	$\Phi_{168}^4\ \Phi_{84}^4\ \Phi_{56}^5\ \Phi_{42}^6\ \Phi_{28}^5\ \Phi_{24}^5\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{12}^5\ \Phi_8^6\ \Phi_7^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
37452	817	48	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{48}^{19}\ \Phi_{24}^{14}\ \Phi_{16}^{19}\ \Phi_{12}^{14}\ \Phi_8^{14}\ \Phi_6^{18}\ \Phi_4^{14}\ \Phi_3^{18}\ \Phi_2^{18}\ \Phi_1^{19}$
37453	817	1176	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{196}\ \Phi_{49}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
37454	818	810	$\frac{4}{405}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{401}{810}$	$\Phi_{810}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
37455	818	492	$\frac{1}{82}$	$\frac{83}{492}$	$\frac{1}{3}$	$\frac{81}{164}$	$\Phi_{492}\ \Phi_{246}^2\ \Phi_{164}^2\ \Phi_{123}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
37456	818	2400	$\frac{9}{400}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{391}{800}$	$\Phi_{2400}\ \Phi_{480}\ \Phi_{96}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
37457	818	774	$\frac{1}{43}$	$\frac{22}{387}$	$\frac{365}{774}$	$\frac{21}{43}$	$\Phi_{774}^2\ \Phi_{258}^2\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{18}^2\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
37458	818	516	$\frac{1}{43}$	$\frac{22}{129}$	$\frac{107}{516}$	$\frac{21}{43}$	$\Phi_{516}^2\ \Phi_{258}^2\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
37459	818	798	$\frac{10}{399}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{389}{798}$	$\Phi_{798}^2\ \Phi_{266}^2\ \Phi_{114}^2\ \Phi_{42}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{14}^2\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
37460	818	532	$\frac{1}{19}$	$\frac{10}{133}$	$\frac{123}{532}$	$\frac{9}{19}$	$\Phi_{532}^2\ \Phi_{266}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{28}^2\ \Phi_{19}\ \Phi_{14}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
37461	818	456	$\frac{1}{19}$	$\frac{47}{456}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{456}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
37462	818	760	$\frac{1}{19}$	$\frac{29}{380}$	$\frac{9}{38}$	$\frac{351}{760}$	$\Phi_{760}^2\ \Phi_{152}^2\ \Phi_{40}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
37463	818	420	$\frac{11}{420}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
37464	818	738	$\frac{1}{41}$	$\frac{40}{369}$	$\frac{1}{3}$	$\frac{329}{738}$	$\Phi_{738}^2\ \Phi_{246}^2\ \Phi_{123}\ \Phi_{82}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_2^2$
37465	818	688	$\frac{1}{43}$	$\frac{65}{344}$	$\frac{21}{86}$	$\frac{279}{688}$	$\Phi_{688}^2\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{16}^2\ \Phi_2^2\ \Phi_1^2$
37466	818	456	$\frac{1}{19}$	$\frac{47}{456}$	$\frac{9}{38}$	$\frac{29}{76}$	$\Phi_{456}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
37467	818	516	$\frac{1}{43}$	$\frac{107}{516}$	$\frac{21}{86}$	$\frac{65}{172}$	$\Phi_{516}^2\ \Phi_{258}^2\ \Phi_{129}^2\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
37468	818	1968	$\frac{1}{82}$	$\frac{81}{328}$	$\frac{1}{3}$	$\frac{247}{656}$	$\Phi_{1968}\ \Phi_{246}\ \Phi_{123}\ \Phi_{48}\ \Phi_6$
37469	818	645	$\frac{1}{43}$	$\frac{42}{215}$	$\frac{173}{645}$	$\frac{236}{645}$	$\Phi_{645}\ \Phi_{215}^2\ \Phi_{129}\ \Phi_{43}\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
37470	818	627	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{191}{627}$	$\frac{218}{627}$	$\Phi_{627}\ \Phi_{209}^2\ \Phi_{57}\ \Phi_{33}\ \Phi_{19}\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
37471	818	492	$\frac{1}{41}$	$\frac{83}{492}$	$\frac{40}{123}$	$\frac{1}{3}$	$\Phi_{492}^2\ \Phi_{246}^2\ \Phi_{164}^2\ \Phi_{123}\ \Phi_{82}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
37472	818	600	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{191}{600}$	$\frac{1}{3}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}^2\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
37473	818	420	$\frac{11}{420}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
37474	818	540	$\frac{4}{135}$	$\frac{1}{5}$	$\frac{131}{540}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
37475	818	1320	$\frac{31}{440}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
37476	818	450	$\frac{4}{45}$	$\frac{41}{450}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
37477	818	1500	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{500}$	$\frac{1}{3}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{375}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
37478	818	450	$\frac{41}{450}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}\ \Phi_{90}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
37479	818	480	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{480}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
37480	818	570	$\frac{1}{19}$	$\frac{29}{190}$	$\frac{9}{38}$	$\frac{161}{570}$	$\Phi_{570}^2\ \Phi_{285}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
37481	819	696	$\frac{1}{116}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{115}{232}$	$\Phi_{696}^2\ \Phi_{232}^3\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
37482	819	2088	$\frac{1}{116}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{115}{232}$	$\Phi_{2088}\ \Phi_{232}\ \Phi_{72}\ \Phi_9\ \Phi_8\ \Phi_1$
37483	819	720	$\frac{1}{90}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{89}{180}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{180}\ \Phi_{144}^2\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
37484	819	180	$\frac{1}{90}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{89}{180}$	$\Phi_{180}^5\ \Phi_{90}^4\ \Phi_{60}^5\ \Phi_{45}^4\ \Phi_{36}^5\ \Phi_{30}^4\ \Phi_{20}^5\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
37485	819	744	$\frac{1}{62}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{61}{124}$	$\Phi_{744}^2\ \Phi_{248}^2\ \Phi_{124}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
37486	819	1860	$\frac{1}{62}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{61}{124}$	$\Phi_{1860}\ \Phi_{620}\ \Phi_{124}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_5\ \Phi_4\ \Phi_1$
37487	819	1116	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{61}{124}$	$\Phi_{1116}^2\ \Phi_{124}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
37488	819	496	$\frac{1}{62}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{61}{124}$	$\Phi_{496}^2\ \Phi_{248}^2\ \Phi_{124}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
37489	819	760	$\frac{1}{38}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{37}{76}$	$\Phi_{760}^2\ \Phi_{152}^2\ \Phi_{76}\ \Phi_{40}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
37490	819	380	$\frac{1}{38}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{37}{76}$	$\Phi_{380}^4\ \Phi_{76}^5\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
37491	819	152	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{37}{76}$	$\Phi_{152}^6\ \Phi_{76}^5\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_8^9\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
37492	819	1900	$\frac{1}{38}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{37}{76}$	$\Phi_{1900}\ \Phi_{100}\ \Phi_{76}\ \Phi_{25}\ \Phi_4\ \Phi_1$
37493	819	880	$\frac{3}{88}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{85}{176}$	$\Phi_{880}^2\ \Phi_{176}\ \Phi_{80}^2\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
37494	819	760	$\frac{1}{20}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{19}{40}$	$\Phi_{760}^2\ \Phi_{152}^2\ \Phi_{40}^3\ \Phi_{19}^2\ \Phi_8^3\ \Phi_1^3$
37495	819	280	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{280}^6\ \Phi_{56}^6\ \Phi_{40}^3\ \Phi_{28}^2\ \Phi_{14}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
37496	819	744	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{10}{31}$	$\frac{11}{24}$	$\Phi_{744}^2\ \Phi_{248}^2\ \Phi_{31}^2\ \Phi_{24}^3\ \Phi_8^3\ \Phi_1^3$
37497	819	264	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{264}^6\ \Phi_{88}^6\ \Phi_{44}^2\ \Phi_{24}^3\ \Phi_{22}\ \Phi_{11}\ \Phi_8^3\ \Phi_4\ \Phi_1$
37498	819	744	$\frac{1}{12}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{11}{24}$	$\Phi_{744}^2\ \Phi_{248}^2\ \Phi_{31}^2\ \Phi_{24}^3\ \Phi_8^3\ \Phi_1^3$
37499	819	120	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{120}^6\ \Phi_{60}^8\ \Phi_{40}^8\ \Phi_{30}^8\ \Phi_{24}^3\ \Phi_{20}^{10}\ \Phi_{15}^8\ \Phi_{12}^4\ \Phi_{10}^9\ \Phi_8^4\ \Phi_6^4\ \Phi_5^9\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
37500	819	770	$\frac{1}{22}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{770}\ \Phi_{385}\ \Phi_{154}\ \Phi_{110}^2\ \Phi_{77}\ \Phi_{55}^2\ \Phi_{35}\ \Phi_{22}\ \Phi_{11}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
37501	819	1488	$\frac{2}{93}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1488}\ \Phi_{496}\ \Phi_{93}\ \Phi_{31}\ \Phi_{16}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
37502	819	2160	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{44}{135}$	$\frac{7}{16}$	$\Phi_{2160}\ \Phi_{432}\ \Phi_{135}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
37503	819	240	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{29}{120}$	$\frac{7}{16}$	$\Phi_{240}^6\ \Phi_{120}\ \Phi_{80}^6\ \Phi_{60}\ \Phi_{48}^6\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}^7\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
37504	819	1520	$\frac{4}{95}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{1520}\ \Phi_{304}\ \Phi_{95}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
37505	819	176	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{176}^4\ \Phi_{88}^6\ \Phi_{44}^6\ \Phi_{22}^5\ \Phi_{16}^2\ \Phi_{11}^5\ \Phi_8^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
37506	819	96	$\frac{5}{96}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{96}^9\ \Phi_{48}^7\ \Phi_{32}^9\ \Phi_{24}^9\ \Phi_{16}^8\ \Phi_{12}^9\ \Phi_8^9\ \Phi_6^8\ \Phi_4^9\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
37507	819	432	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{17}{108}$	$\frac{7}{16}$	$\Phi_{432}^4\ \Phi_{144}^2\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{27}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
37508	819	240	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{7}{16}$	$\Phi_{240}^6\ \Phi_{80}^6\ \Phi_{48}^6\ \Phi_{16}^7\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^6\ \Phi_1^7$
37509	819	112	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{112}^{14}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{16}^7\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
37510	819	1584	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{99}\ \Phi_{33}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
37511	819	400	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{400}^4\ \Phi_{100}\ \Phi_{80}^2\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
37512	819	348	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{19}{58}$	$\frac{5}{12}$	$\Phi_{348}^4\ \Phi_{116}^4\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{12}^5\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
37513	819	120	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{40}^9\ \Phi_{30}^6\ \Phi_{24}^6\ \Phi_{20}^9\ \Phi_{15}^6\ \Phi_{12}^5\ \Phi_{10}^9\ \Phi_8^9\ \Phi_6^4\ \Phi_5^9\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
37514	819	1740	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{28}{145}$	$\frac{5}{12}$	$\Phi_{1740}\ \Phi_{580}\ \Phi_{145}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
37515	819	348	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{348}^4\ \Phi_{116}^4\ \Phi_{29}^4\ \Phi_{12}^5\ \Phi_4^5\ \Phi_1^5$
37516	819	420	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}^4\ \Phi_{140}^4\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
37517	819	704	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{704}^2\ \Phi_{88}^2\ \Phi_{64}\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
37518	819	480	$\frac{5}{96}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
37519	819	220	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{220}^6\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{44}^6\ \Phi_{22}\ \Phi_{20}^3\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_4^3\ \Phi_1$
37520	819	224	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{224}^6\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
37521	819	690	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{690}\ \Phi_{345}\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{69}\ \Phi_{46}\ \Phi_{30}\ \Phi_{23}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$
37522	819	522	$\frac{1}{58}$	$\frac{2}{9}$	$\frac{19}{58}$	$\frac{1}{3}$	$\Phi_{522}^2\ \Phi_{261}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{18}^2\ \Phi_9^3\ \Phi_2^2\ \Phi_1^3$
37523	819	465	$\frac{1}{31}$	$\frac{2}{15}$	$\frac{10}{31}$	$\frac{1}{3}$	$\Phi_{465}^2\ \Phi_{155}^2\ \Phi_{31}^2\ \Phi_{15}^3\ \Phi_5^3\ \Phi_1^3$
37524	819	372	$\frac{2}{93}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{372}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{93}^3\ \Phi_{62}^2\ \Phi_{31}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
37525	819	360	$\frac{1}{40}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^2\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{10}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
37526	819	660	$\frac{1}{22}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{11}\ \Phi_5\ \Phi_4\ \Phi_1$
37527	819	1305	$\frac{1}{29}$	$\frac{28}{145}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1305}\ \Phi_{145}\ \Phi_{45}\ \Phi_9\ \Phi_5\ \Phi_1$
37528	819	261	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{261}^4\ \Phi_{29}^4\ \Phi_9^5\ \Phi_1^5$
37529	819	630	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{126}\ \Phi_{90}\ \Phi_{70}^2\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_1$
37530	819	465	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{465}^2\ \Phi_{155}^2\ \Phi_{31}^2\ \Phi_{15}^3\ \Phi_5^3\ \Phi_1^3$
37531	819	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{120}^7\ \Phi_{60}^7\ \Phi_{40}^9\ \Phi_{30}^3\ \Phi_{24}^8\ \Phi_{20}^9\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_{10}^4\ \Phi_8^9\ \Phi_6^4\ \Phi_5^5\ \Phi_4^9\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
37532	819	540	$\frac{1}{45}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{44}{135}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{135}^3\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
37533	819	558	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{10}{31}$	$\Phi_{558}^2\ \Phi_{279}^2\ \Phi_{31}^2\ \Phi_{18}^3\ \Phi_9^3\ \Phi_1^3$
37534	819	496	$\frac{1}{31}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{10}{31}$	$\Phi_{496}^2\ \Phi_{248}^2\ \Phi_{31}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_1^3$
37535	819	190	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{6}{19}$	$\Phi_{190}^4\ \Phi_{95}^4\ \Phi_{38}^4\ \Phi_{19}^6\ \Phi_{10}^6\ \Phi_5^6\ \Phi_2^6\ \Phi_1^9$
37536	819	152	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{152}^6\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{19}^6\ \Phi_8^9\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
37537	819	475	$\frac{1}{19}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{6}{19}$	$\Phi_{475}^2\ \Phi_{25}^3\ \Phi_{19}^2\ \Phi_1^3$
37538	819	409	$\frac{22}{409}$	$\frac{40}{409}$	$\frac{123}{409}$	$\frac{129}{409}$	$\Phi_{409}^2\ \Phi_1^3$
37539	819	472	$\frac{7}{118}$	$\frac{1}{8}$	$\frac{27}{118}$	$\frac{37}{118}$	$\Phi_{472}^2\ \Phi_{236}^2\ \Phi_{118}\ \Phi_{59}\ \Phi_8\ \Phi_4\ \Phi_1$
37540	819	660	$\frac{3}{44}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
37541	819	409	$\frac{28}{409}$	$\frac{45}{409}$	$\frac{94}{409}$	$\frac{127}{409}$	$\Phi_{409}^2\ \Phi_1^3$
37542	819	548	$\frac{19}{274}$	$\frac{27}{274}$	$\frac{1}{4}$	$\frac{85}{274}$	$\Phi_{548}^2\ \Phi_{274}\ \Phi_{137}\ \Phi_4\ \Phi_1$
37543	819	140	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{140}^8\ \Phi_{70}^4\ \Phi_{35}^4\ \Phi_{28}^{10}\ \Phi_{20}^4\ \Phi_{14}^5\ \Phi_{10}^2\ \Phi_7^5\ \Phi_5^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
37544	819	448	$\frac{1}{14}$	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{448}^2\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{64}\ \Phi_{56}^2\ \Phi_{32}\ \Phi_{28}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
37545	819	409	$\frac{24}{409}$	$\frac{55}{409}$	$\frac{97}{409}$	$\frac{118}{409}$	$\Phi_{409}^2\ \Phi_1^3$
37546	819	548	$\frac{15}{274}$	$\frac{37}{274}$	$\frac{1}{4}$	$\frac{79}{274}$	$\Phi_{548}^2\ \Phi_{274}\ \Phi_{137}\ \Phi_4\ \Phi_1$
37547	819	396	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{396}^4\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_1$
37548	819	558	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{558}^2\ \Phi_{279}^2\ \Phi_{31}^2\ \Phi_{18}^3\ \Phi_9^3\ \Phi_1^3$
37549	819	360	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
37550	819	120	$\frac{1}{30}$	$\frac{29}{120}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{120}^9\ \Phi_{60}^5\ \Phi_{40}^9\ \Phi_{30}^4\ \Phi_{24}^9\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_8^9\ \Phi_6^4\ \Phi_5^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
37551	819	380	$\frac{4}{95}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{380}^2\ \Phi_{190}^2\ \Phi_{95}^3\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
37552	819	176	$\frac{1}{22}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{176}^6\ \Phi_{88}^6\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{16}^3\ \Phi_{11}\ \Phi_8^3\ \Phi_4\ \Phi_1$
37553	819	96	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{96}^9\ \Phi_{48}^9\ \Phi_{32}^9\ \Phi_{24}^9\ \Phi_{16}^9\ \Phi_{12}^5\ \Phi_8^9\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
37554	819	108	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{108}^9\ \Phi_{54}^9\ \Phi_{36}^5\ \Phi_{27}^9\ \Phi_{18}^4\ \Phi_{12}^5\ \Phi_9^4\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
37555	819	60	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{60}^{12}\ \Phi_{30}^{12}\ \Phi_{20}^{12}\ \Phi_{15}^{18}\ \Phi_{12}^{12}\ \Phi_{10}^{12}\ \Phi_6^{12}\ \Phi_5^{18}\ \Phi_4^{14}\ \Phi_3^{18}\ \Phi_2^{14}\ \Phi_1^{21}$
37556	819	56	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{56}^{18}\ \Phi_{28}^{14}\ \Phi_{14}^{13}\ \Phi_8^9\ \Phi_7^{13}\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
37557	819	396	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^3\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
37558	819	100	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{100}^9\ \Phi_{50}^9\ \Phi_{25}^9\ \Phi_{20}^5\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
37559	819	560	$\frac{1}{14}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{112}^2\ \Phi_{80}\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{28}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
37560	819	700	$\frac{1}{14}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{700}^2\ \Phi_{350}\ \Phi_{175}\ \Phi_{100}\ \Phi_{28}^2\ \Phi_{25}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
37561	819	496	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{496}^2\ \Phi_{248}^2\ \Phi_{31}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_1^3$
37562	819	80	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{80}^{14}\ \Phi_{40}^8\ \Phi_{20}^{10}\ \Phi_{16}^7\ \Phi_{10}^9\ \Phi_8^4\ \Phi_5^9\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
37563	820	408	$\frac{1}{204}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{203}{408}$	$\Phi_{408}^4\ \Phi_{136}^4\ \Phi_{24}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
37564	820	1304	$\frac{1}{163}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{81}{163}$	$\Phi_{1304}\ \Phi_{163}\ \Phi_8^2\ \Phi_1^2$
37565	820	822	$\frac{1}{137}$	$\frac{69}{274}$	$\frac{1}{3}$	$\frac{68}{137}$	$\Phi_{822}^2\ \Phi_{411}\ \Phi_6^2$
37566	820	351	$\frac{1}{117}$	$\frac{59}{351}$	$\frac{146}{351}$	$\frac{58}{117}$	$\Phi_{351}^2\ \Phi_{117}^3\ \Phi_{39}^3\ \Phi_{27}^2\ \Phi_{13}^3\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
37567	820	406	$\frac{2}{203}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{201}{406}$	$\Phi_{406}^4\ \Phi_{58}^4\ \Phi_{14}^4\ \Phi_7\ \Phi_2^4\ \Phi_1^2$
37568	820	364	$\frac{1}{91}$	$\frac{23}{182}$	$\frac{159}{364}$	$\frac{45}{91}$	$\Phi_{364}^4\ \Phi_{91}\ \Phi_{52}^4\ \Phi_{28}^4\ \Phi_{13}\ \Phi_7\ \Phi_4^4\ \Phi_1^2$
37569	820	273	$\frac{1}{91}$	$\frac{68}{273}$	$\frac{23}{91}$	$\frac{45}{91}$	$\Phi_{273}^4\ \Phi_{91}\ \Phi_{39}^4\ \Phi_{21}^4\ \Phi_{13}\ \Phi_7\ \Phi_3^4\ \Phi_1^2$
37570	820	81	$\frac{1}{81}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{40}{81}$	$\Phi_{81}^{10}\ \Phi_{27}^{10}\ \Phi_9^{11}\ \Phi_3^{11}\ \Phi_1^{12}$
37571	820	162	$\frac{1}{81}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{40}{81}$	$\Phi_{162}^6\ \Phi_{81}^4\ \Phi_{54}^6\ \Phi_{27}^4\ \Phi_{18}^6\ \Phi_9^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
37572	820	819	$\frac{11}{819}$	$\frac{83}{819}$	$\frac{368}{819}$	$\frac{404}{819}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{117}\ \Phi_{91}\ \Phi_{63}\ \Phi_{39}\ \Phi_{21}\ \Phi_{13}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
37573	820	378	$\frac{1}{63}$	$\frac{16}{189}$	$\frac{173}{378}$	$\frac{31}{63}$	$\Phi_{378}^4\ \Phi_{126}^4\ \Phi_{63}\ \Phi_{54}^4\ \Phi_{42}^4\ \Phi_{21}\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9\ \Phi_7\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
37574	820	567	$\frac{1}{63}$	$\frac{32}{189}$	$\frac{157}{567}$	$\frac{31}{63}$	$\Phi_{567}^{2}\ \Phi_{81}^{2}\ \Phi_{63}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
37575	820	252	$\frac{1}{63}$	$\frac{47}{252}$	$\frac{16}{63}$	$\frac{31}{63}$	$\Phi_{252}^{4}\ \Phi_{126}^{4}\ \Phi_{84}^{4}\ \Phi_{63}\ \Phi_{42}^{4}\ \Phi_{36}^{4}\ \Phi_{28}^{4}\ \Phi_{21}\ \Phi_{18}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
37576	820	403	$\frac{7}{403}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{198}{403}$	$\Phi_{403}^{2}\ \Phi_{31}^{2}\ \Phi_{13}^{3}\ \Phi_{1}^{4}$
37577	820	330	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{14}{55}$	$\frac{27}{55}$	$\Phi_{330}^{3}\ \Phi_{165}^{3}\ \Phi_{110}^{3}\ \Phi_{66}^{3}\ \Phi_{33}^{3}\ \Phi_{30}^{3}\ \Phi_{22}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
37578	820	161	$\frac{3}{161}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{79}{161}$	$\Phi_{161}^{5}\ \Phi_{23}^{5}\ \Phi_{7}^{7}\ \Phi_{1}^{8}$
37579	820	819	$\frac{17}{819}$	$\frac{122}{819}$	$\frac{209}{819}$	$\frac{401}{819}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{117}\ \Phi_{91}\ \Phi_{63}\ \Phi_{39}\ \Phi_{21}\ \Phi_{13}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
37580	820	411	$\frac{3}{137}$	$\frac{14}{137}$	$\frac{1}{3}$	$\frac{67}{137}$	$\Phi_{411}^{3}\ \Phi_{3}^{2}$
37581	820	1520	$\frac{1}{40}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{39}{80}$	$\Phi_{1520}\ \Phi_{304}\ \Phi_{80}^{2}\ \Phi_{19}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
37582	820	2640	$\frac{1}{40}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{2640}\ \Phi_{528}\ \Phi_{33}$
37583	820	1520	$\frac{1}{40}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{39}{80}$	$\Phi_{1520}\ \Phi_{304}\ \Phi_{80}^{2}\ \Phi_{19}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
37584	820	240	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{39}{80}$	$\Phi_{240}^{8}\ \Phi_{80}^{4}\ \Phi_{48}^{8}\ \Phi_{30}\ \Phi_{16}^{4}\ \Phi_{15}\ \Phi_{10}$
37585	820	78	$\frac{1}{39}$	$\frac{2}{39}$	$\frac{37}{78}$	$\frac{19}{39}$	$\Phi_{78}^{20}\ \Phi_{39}\ \Phi_{26}^{20}\ \Phi_{13}\ \Phi_{6}^{20}\ \Phi_{3}\ \Phi_{2}^{20}\ \Phi_{1}^{2}$
37586	820	117	$\frac{1}{39}$	$\frac{4}{39}$	$\frac{35}{117}$	$\frac{19}{39}$	$\Phi_{117}^{10}\ \Phi_{39}\ \Phi_{13}\ \Phi_{9}^{10}\ \Phi_{3}\ \Phi_{1}^{2}$
37587	820	234	$\frac{1}{39}$	$\frac{29}{234}$	$\frac{10}{39}$	$\frac{19}{39}$	$\Phi_{234}^{4}\ \Phi_{117}^{4}\ \Phi_{78}^{4}\ \Phi_{39}\ \Phi_{26}^{4}\ \Phi_{18}^{4}\ \Phi_{13}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
37588	820	399	$\frac{11}{399}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{194}{399}$	$\Phi_{399}^{2}\ \Phi_{133}^{2}\ \Phi_{57}^{2}\ \Phi_{21}^{3}\ \Phi_{19}^{2}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
37589	820	198	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{17}{99}$	$\frac{16}{33}$	$\Phi_{198}^{6}\ \Phi_{99}^{4}\ \Phi_{66}^{3}\ \Phi_{33}^{2}\ \Phi_{22}^{3}\ \Phi_{18}^{6}\ \Phi_{11}^{2}\ \Phi_{9}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37590	820	396	$\frac{7}{198}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{191}{396}$	$\Phi_{396}^{4}\ \Phi_{132}^{4}\ \Phi_{44}^{4}\ \Phi_{36}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
37591	820	546	$\frac{1}{21}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{546}^{3}\ \Phi_{182}^{3}\ \Phi_{78}^{2}\ \Phi_{42}^{3}\ \Phi_{26}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37592	820	78	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{37}{78}$	$\Phi_{78}^{20}\ \Phi_{26}^{20}\ \Phi_{13}^{3}\ \Phi_{6}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{4}$
37593	820	1140	$\frac{1}{20}$	$\frac{1}{19}$	$\frac{19}{60}$	$\frac{9}{19}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{285}\ \Phi_{228}\ \Phi_{114}\ \Phi_{60}^{2}\ \Phi_{57}\ \Phi_{30}^{2}\ \Phi_{19}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
37594	820	836	$\frac{1}{19}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{836}\ \Phi_{418}\ \Phi_{209}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{19}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
37595	820	855	$\frac{1}{19}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{171}\ \Phi_{57}\ \Phi_{45}^{2}\ \Phi_{19}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
37596	820	950	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{9}{19}$	$\Phi_{950}\ \Phi_{475}\ \Phi_{50}^{2}\ \Phi_{25}^{2}\ \Phi_{19}\ \Phi_{1}^{2}$
37597	820	912	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{9}{19}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{19}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
37598	820	462	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{36}{77}$	$\Phi_{462}^{2}\ \Phi_{231}^{2}\ \Phi_{154}^{2}\ \Phi_{66}^{3}\ \Phi_{42}^{2}\ \Phi_{33}^{3}\ \Phi_{22}^{3}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
37599	820	90	$\frac{1}{15}$	$\frac{4}{45}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{90}^{12}\ \Phi_{45}^{8}\ \Phi_{30}^{9}\ \Phi_{18}^{12}\ \Phi_{15}^{6}\ \Phi_{10}^{9}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
37600	820	168	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{168}^{7}\ \Phi_{56}^{6}\ \Phi_{42}^{7}\ \Phi_{24}^{7}\ \Phi_{21}^{6}\ \Phi_{14}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{7}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
37601	820	378	$\frac{1}{21}$	$\frac{16}{189}$	$\frac{5}{21}$	$\frac{173}{378}$	$\Phi_{378}^{4}\ \Phi_{126}^{4}\ \Phi_{54}^{4}\ \Phi_{42}^{4}\ \Phi_{21}^{3}\ \Phi_{18}^{4}\ \Phi_{14}^{4}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
37602	820	132	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{132}^{8}\ \Phi_{66}^{7}\ \Phi_{44}^{4}\ \Phi_{33}^{7}\ \Phi_{22}^{3}\ \Phi_{12}^{8}\ \Phi_{11}^{4}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
37603	820	150	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{1}{6}$	$\frac{34}{75}$	$\Phi_{150}^{6}\ \Phi_{75}^{4}\ \Phi_{50}^{6}\ \Phi_{30}^{9}\ \Phi_{25}^{4}\ \Phi_{15}^{6}\ \Phi_{10}^{9}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
37604	820	126	$\frac{1}{42}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{126}^{6}\ \Phi_{63}^{6}\ \Phi_{42}^{8}\ \Phi_{21}^{8}\ \Phi_{18}^{6}\ \Phi_{14}^{8}\ \Phi_{9}^{4}\ \Phi_{7}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
37605	820	54	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{13}{54}$	$\frac{4}{9}$	$\Phi_{54}^{20}\ \Phi_{27}^{10}\ \Phi_{18}^{20}\ \Phi_{9}^{11}\ \Phi_{6}^{20}\ \Phi_{3}^{11}\ \Phi_{2}^{20}\ \Phi_{1}^{12}$
37606	820	216	$\frac{11}{216}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{216}^{4}\ \Phi_{108}^{4}\ \Phi_{72}^{4}\ \Phi_{54}^{4}\ \Phi_{36}^{4}\ \Phi_{27}^{2}\ \Phi_{24}^{4}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{3}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
37607	820	243	$\frac{5}{81}$	$\frac{1}{9}$	$\frac{38}{243}$	$\frac{4}{9}$	$\Phi_{243}^{4}\ \Phi_{81}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
37608	820	45	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{45}^{20}\ \Phi_{15}^{20}\ \Phi_{9}^{11}\ \Phi_{5}^{20}\ \Phi_{3}^{11}\ \Phi_{1}^{12}$
37609	820	147	$\frac{1}{21}$	$\frac{17}{147}$	$\frac{4}{21}$	$\frac{65}{147}$	$\Phi_{147}^{5}\ \Phi_{49}^{5}\ \Phi_{21}^{9}\ \Phi_{7}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
37610	820	252	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{47}{252}$	$\frac{37}{84}$	$\Phi_{252}^{4}\ \Phi_{126}^{4}\ \Phi_{63}^{4}\ \Phi_{42}^{4}\ \Phi_{36}^{4}\ \Phi_{21}^{3}\ \Phi_{18}^{4}\ \Phi_{14}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
37611	820	364	$\frac{3}{91}$	$\frac{23}{182}$	$\frac{22}{91}$	$\frac{159}{364}$	$\Phi_{364}^4\ \Phi_{91}\ \Phi_{52}^4\ \Phi_{28}^4\ \Phi_{13}\ \Phi_7\ \Phi_4^4\ \Phi_1^2$
37612	820	364	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{182}$	$\frac{159}{364}$	$\Phi_{364}^4\ \Phi_{52}^4\ \Phi_{28}^4\ \Phi_{26}^4\ \Phi_{13}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
37613	820	504	$\frac{1}{21}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{504}^3\ \Phi_{168}^3\ \Phi_{72}^2\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
37614	820	609	$\frac{4}{203}$	$\frac{1}{7}$	$\frac{199}{609}$	$\frac{3}{7}$	$\Phi_{609}^2\ \Phi_{87}^2\ \Phi_{21}^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
37615	820	42	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{42}^{20}\ \Phi_{21}^{20}\ \Phi_{14}^{20}\ \Phi_7^{17}\ \Phi_6^{20}\ \Phi_3^{20}\ \Phi_2^{20}\ \Phi_1^{18}$
37616	820	336	$\frac{1}{21}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{48}^2\ \Phi_{42}^3\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
37617	820	210	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{210}^7\ \Phi_{70}^6\ \Phi_{42}^7\ \Phi_{30}^7\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7^5\ \Phi_6^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
37618	820	117	$\frac{2}{117}$	$\frac{23}{117}$	$\frac{35}{117}$	$\frac{47}{117}$	$\Phi_{117}^7\ \Phi_{39}^7\ \Phi_{13}^7\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
37619	820	411	$\frac{2}{137}$	$\frac{27}{137}$	$\frac{1}{3}$	$\frac{55}{137}$	$\Phi_{411}^3\ \Phi_3^2$
37620	820	510	$\frac{3}{85}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{510}^2\ \Phi_{255}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
37621	820	336	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{37}{168}$	$\frac{131}{336}$	$\Phi_{336}^4\ \Phi_{112}^4\ \Phi_{48}^4\ \Phi_{42}^4\ \Phi_{21}^3\ \Phi_{16}^4\ \Phi_{14}^4\ \Phi_7^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
37622	820	216	$\frac{11}{216}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{216}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
37623	820	66	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{8}{33}$	$\frac{25}{66}$	$\Phi_{66}^{11}\ \Phi_{33}^{14}\ \Phi_{22}^{11}\ \Phi_{11}^{14}\ \Phi_6^{10}\ \Phi_3^{13}\ \Phi_2^{10}\ \Phi_1^{14}$
37624	820	1992	$\frac{1}{83}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1992}\ \Phi_{249}$
37625	820	1304	$\frac{3}{163}$	$\frac{40}{163}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1304}\ \Phi_{163}\ \Phi_8^2\ \Phi_1^2$
37626	820	840	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
37627	820	63	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{22}{63}$	$\Phi_{63}^{10}\ \Phi_{21}^{19}\ \Phi_9^{10}\ \Phi_7^{19}\ \Phi_3^{19}\ \Phi_1^{20}$
37628	820	312	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{49}{156}$	$\frac{107}{312}$	$\Phi_{312}^4\ \Phi_{104}^4\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{24}^4\ \Phi_{13}^3\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
37629	820	621	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{199}{621}$	$\frac{211}{621}$	$\Phi_{621}\ \Phi_{207}^2\ \Phi_{69}^2\ \Phi_{27}\ \Phi_{23}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
37630	820	207	$\frac{2}{207}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{207}^4\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
37631	820	306	$\frac{1}{102}$	$\frac{101}{306}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{306}^4\ \Phi_{153}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
37632	820	624	$\frac{3}{208}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}^2\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
37633	820	816	$\frac{1}{68}$	$\frac{67}{272}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}^2\ \Phi_{136}^2\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
37634	820	51	$\frac{1}{51}$	$\frac{10}{51}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{51}^{16}\ \Phi_{17}^{16}\ \Phi_3^{17}\ \Phi_1^{18}$
37635	820	42	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{42}^{20}\ \Phi_{21}^{20}\ \Phi_{14}^{20}\ \Phi_7^{20}\ \Phi_6^{16}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
37636	820	714	$\frac{1}{34}$	$\frac{33}{238}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{714}\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
37637	820	459	$\frac{2}{51}$	$\frac{49}{459}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{459}^2\ \Phi_{153}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
37638	820	216	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{216}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
37639	820	663	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{663}\ \Phi_{221}^2\ \Phi_{39}\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
37640	820	486	$\frac{2}{81}$	$\frac{1}{6}$	$\frac{79}{243}$	$\frac{1}{3}$	$\Phi_{486}^3\ \Phi_{243}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
37641	820	660	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2$
37642	820	378	$\frac{1}{42}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{378}^3\ \Phi_{189}^3\ \Phi_{54}^3\ \Phi_{42}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
37643	820	132	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^9\ \Phi_{66}^9\ \Phi_{33}^{10}\ \Phi_{12}^{10}\ \Phi_6^{10}\ \Phi_3^{10}$
37644	820	54	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{1}{3}$	$\Phi_{54}^{14}\ \Phi_{27}^{16}\ \Phi_{18}^{14}\ \Phi_9^{16}\ \Phi_6^{16}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
37645	820	342	$\frac{7}{171}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{342}^3\ \Phi_{171}^2\ \Phi_{114}^3\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{19}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
37646	820	495	$\frac{4}{45}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{165}\ \Phi_{99}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{11}^2$
37647	820	1650	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{33}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
37648	820	378	$\frac{2}{27}$	$\frac{25}{189}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{378}^3\ \Phi_{189}^2\ \Phi_{126}^3\ \Phi_{63}^2\ \Phi_{42}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
37649	820	90	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{90}^{12}\ \Phi_{45}^8\ \Phi_{30}^{12}\ \Phi_{18}^6\ \Phi_{15}^8\ \Phi_{10}^{12}\ \Phi_9^4\ \Phi_6^8\ \Phi_5^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
37650	820	528	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{528}^2\ \Phi_{264}\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2$
37651	820	1140	$\frac{1}{20}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{19}{60}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{285}\ \Phi_{228}\ \Phi_{114}\ \Phi_{60}^2\ \Phi_{57}\ \Phi_{30}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
37652	820	60	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{19}{60}$	$\Phi_{60}^{12}\ \Phi_{30}^{13}\ \Phi_{20}^{16}\ \Phi_{15}^{13}\ \Phi_{12}^{12}\ \Phi_{10}^{17}\ \Phi_6^{12}\ \Phi_5^{16}\ \Phi_4^{16}\ \Phi_3^{12}\ \Phi_2^{16}\ \Phi_1^{16}$
37653	820	297	$\frac{7}{99}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{92}{297}$	$\Phi_{297}^4\ \Phi_{27}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
37654	820	91	$\frac{1}{13}$	$\frac{9}{91}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{91}^{10}\ \Phi_{13}^3\ \Phi_7^{10}\ \Phi_1^4$
37655	820	117	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{3}{13}$	$\frac{35}{117}$	$\Phi_{117}^{10}\ \Phi_{13}^3\ \Phi_9^{10}\ \Phi_1^4$
37656	820	462	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{6}$	$\frac{67}{231}$	$\Phi_{462}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}^3\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
37657	820	378	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{378}^3\ \Phi_{189}^3\ \Phi_{54}^2\ \Phi_{42}^3\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
37658	820	450	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{14}{75}$	$\frac{61}{225}$	$\Phi_{450}^3\ \Phi_{225}^2\ \Phi_{90}^3\ \Phi_{45}^2\ \Phi_{30}^3\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
37659	820	234	$\frac{1}{13}$	$\frac{29}{234}$	$\frac{3}{13}$	$\frac{10}{39}$	$\Phi_{234}^4\ \Phi_{117}^4\ \Phi_{78}^4\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}^3\ \Phi_9^4\ \Phi_6^4\ \Phi_2^4\ \Phi_1^4$
37660	820	330	$\frac{3}{55}$	$\frac{1}{6}$	$\frac{13}{55}$	$\frac{14}{55}$	$\Phi_{330}^3\ \Phi_{165}^3\ \Phi_{110}^3\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{22}^3\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
37661	820	252	$\frac{1}{21}$	$\frac{47}{252}$	$\frac{5}{21}$	$\frac{16}{63}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_7^3\ \Phi_6^4\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
37662	820	273	$\frac{3}{91}$	$\frac{22}{91}$	$\frac{68}{273}$	$\frac{23}{91}$	$\Phi_{273}^4\ \Phi_{91}\ \Phi_{39}^4\ \Phi_{21}^4\ \Phi_{13}\ \Phi_7\ \Phi_3^4\ \Phi_1^2$
37663	820	836	$\frac{3}{44}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{836}\ \Phi_{418}\ \Phi_{209}\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{19}\ \Phi_{11}^2\ \Phi_1^2$
37664	820	660	$\frac{3}{44}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}\ \Phi_{165}^2\ \Phi_{110}\ \Phi_{55}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
37665	820	52	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{52}$	$\frac{3}{13}$	$\Phi_{52}^{20}\ \Phi_{26}^{20}\ \Phi_{13}^3\ \Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^4$
37666	820	855	$\frac{4}{45}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{171}\ \Phi_{57}\ \Phi_{45}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
37667	820	950	$\frac{1}{10}$	$\frac{3}{19}$	$\frac{9}{50}$	$\frac{4}{19}$	$\Phi_{950}\ \Phi_{475}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{19}\ \Phi_1^2$
37668	820	912	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
37669	820	90	$\frac{4}{45}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{90}^{12}\ \Phi_{45}^8\ \Phi_{30}^9\ \Phi_{18}^{12}\ \Phi_{15}^5\ \Phi_{10}^9\ \Phi_9^8\ \Phi_6^8\ \Phi_5^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
37670	820	150	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{50}$	$\frac{1}{5}$	$\Phi_{150}^8\ \Phi_{75}^8\ \Phi_{50}^4\ \Phi_{30}\ \Phi_{25}^4\ \Phi_{15}\ \Phi_{10}$
37671	820	240	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{240}^5\ \Phi_{120}^3\ \Phi_{80}^5\ \Phi_{60}^3\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{10}^5\ \Phi_5^4$
37672	821	1312	$\frac{1}{164}$	$\frac{165}{656}$	$\frac{491}{1312}$	$\frac{163}{328}$	$\Phi_{1312}\ \Phi_{328}\ \Phi_{32}\ \Phi_8\ \Phi_1$
37673	821	1632	$\frac{5}{816}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{811}{1632}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{96}\ \Phi_{32}\ \Phi_8\ \Phi_1$
37674	821	1620	$\frac{11}{810}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{799}{1620}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{324}\ \Phi_{180}\ \Phi_{108}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
37675	821	1100	$\frac{4}{275}$	$\frac{1}{5}$	$\frac{279}{1100}$	$\frac{271}{550}$	$\Phi_{1100}\ \Phi_{275}\ \Phi_{220}\ \Phi_{100}\ \Phi_{55}\ \Phi_{44}\ \Phi_{25}\ \Phi_{20}\ \Phi_{11}\ \Phi_4\ \Phi_1$
37676	821	990	$\frac{4}{165}$	$\frac{169}{990}$	$\frac{1}{5}$	$\frac{161}{330}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{198}\ \Phi_{165}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{18}\ \Phi_{15}\ \Phi_{11}\ \Phi_9\ \Phi_3\ \Phi_1$
37677	821	1600	$\frac{21}{800}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{779}{1600}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{64}\ \Phi_{40}\ \Phi_8\ \Phi_1$
37678	821	1600	$\frac{21}{800}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{779}{1600}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{64}\ \Phi_{25}\ \Phi_1$
37679	821	1200	$\frac{1}{20}$	$\frac{21}{400}$	$\frac{379}{1200}$	$\frac{19}{40}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
37680	821	880	$\frac{1}{20}$	$\frac{59}{880}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
37681	821	1000	$\frac{1}{20}$	$\frac{21}{200}$	$\frac{179}{1000}$	$\frac{19}{40}$	$\Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{40}\ \Phi_8\ \Phi_1$
37682	821	960	$\frac{1}{20}$	$\frac{21}{160}$	$\frac{139}{960}$	$\frac{19}{40}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
37683	821	1560	$\frac{1}{20}$	$\frac{41}{780}$	$\frac{19}{60}$	$\frac{739}{1560}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{120}\ \Phi_{104}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
37684	821	900	$\frac{4}{75}$	$\frac{79}{900}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
37685	821	1540	$\frac{51}{770}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{719}{1540}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}\ \Phi_{55}\ \Phi_{44}\ \Phi_{28}\ \Phi_{20}\ \Phi_{11}\ \Phi_4\ \Phi_1$
37686	821	1120	$\frac{1}{20}$	$\frac{19}{280}$	$\frac{299}{1120}$	$\frac{261}{560}$	$\Phi_{1120}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
37687	821	880	$\frac{59}{880}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
37688	821	1500	$\frac{4}{75}$	$\frac{71}{750}$	$\frac{1}{5}$	$\frac{679}{1500}$	$\Phi_{1500}\ \Phi_{500}\ \Phi_{300}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
37689	821	1476	$\frac{1}{41}$	$\frac{83}{738}$	$\frac{40}{123}$	$\frac{655}{1476}$	$\Phi_{1476}\ \Phi_{492}\ \Phi_{164}\ \Phi_{123}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
37690	821	1148	$\frac{1}{41}$	$\frac{40}{287}$	$\frac{327}{1148}$	$\frac{247}{574}$	$\Phi_{1148}\ \Phi_{287}\ \Phi_{164}\ \Phi_{28}\ \Phi_7\ \Phi_4\ \Phi_1$
37691	821	1440	$\frac{1}{20}$	$\frac{101}{720}$	$\frac{19}{120}$	$\frac{619}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
37692	821	960	$\frac{1}{20}$	$\frac{139}{960}$	$\frac{19}{120}$	$\frac{101}{240}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
37693	821	850	$\frac{29}{850}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{850}\ \Phi_{425}\ \Phi_{170}\ \Phi_{85}\ \Phi_{34}\ \Phi_{25}\ \Phi_{17}\ \Phi_1$
37694	821	1400	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{121}{700}$	$\frac{579}{1400}$	$\Phi_{1400}\ \Phi_{280}\ \Phi_{200}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
37695	821	1320	$\frac{4}{165}$	$\frac{1}{5}$	$\frac{161}{660}$	$\frac{499}{1320}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{165}\ \Phi_{120}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}\ \Phi_{15}\ \Phi_{11}\ \Phi_8\ \Phi_3\ \Phi_1$
37696	821	1224	$\frac{5}{408}$	$\frac{1}{4}$	$\frac{403}{1224}$	$\frac{3}{8}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
37697	821	832	$\frac{11}{832}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
37698	821	1088	$\frac{5}{272}$	$\frac{267}{1088}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1088}\ \Phi_{544}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_1$
37699	821	840	$\frac{19}{840}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
37700	821	952	$\frac{5}{136}$	$\frac{131}{952}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{119}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
37701	821	864	$\frac{43}{864}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
37702	821	840	$\frac{19}{840}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_3\ \Phi_1$
37703	821	984	$\frac{1}{41}$	$\frac{163}{984}$	$\frac{40}{123}$	$\frac{83}{246}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{328}\ \Phi_{164}\ \Phi_{123}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
37704	821	1107	$\frac{1}{41}$	$\frac{83}{369}$	$\frac{286}{1107}$	$\frac{40}{123}$	$\Phi_{1107}\ \Phi_{123}\ \Phi_{27}\ \Phi_3\ \Phi_1$
37705	821	1215	$\frac{11}{405}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{394}{1215}$	$\Phi_{1215}\ \Phi_{243}\ \Phi_{15}\ \Phi_3\ \Phi_1$
37706	821	1200	$\frac{21}{400}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{379}{1200}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
37707	821	1155	$\frac{4}{55}$	$\frac{51}{385}$	$\frac{1}{5}$	$\frac{334}{1155}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{55}\ \Phi_{33}\ \Phi_{21}\ \Phi_{15}\ \Phi_{11}\ \Phi_3\ \Phi_1$
37708	821	1080	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{259}{1080}$	$\frac{101}{360}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
37709	821	1125	$\frac{4}{75}$	$\frac{71}{375}$	$\frac{1}{5}$	$\frac{304}{1125}$	$\Phi_{1125}\ \Phi_{225}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
37710	821	855	$\frac{34}{855}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{171}\ \Phi_{95}\ \Phi_{57}\ \Phi_{19}\ \Phi_{15}\ \Phi_3\ \Phi_1$
37711	821	1080	$\frac{11}{270}$	$\frac{1}{5}$	$\frac{259}{1080}$	$\frac{4}{15}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
37712	821	945	$\frac{11}{135}$	$\frac{124}{945}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{105}\ \Phi_{63}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_3\ \Phi_1$
37713	821	900	$\frac{79}{900}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
37714	821	900	$\frac{79}{900}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
37715	821	1000	$\frac{21}{200}$	$\frac{4}{25}$	$\frac{179}{1000}$	$\frac{1}{5}$	$\Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{25}\ \Phi_1$
37716	822	1360	$\frac{1}{136}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{135}{272}$	$\Phi_{1360}\ \Phi_{272}^2\ \Phi_{80}\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
37717	822	816	$\frac{1}{136}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{135}{272}$	$\Phi_{816}^3\ \Phi_{48}^3\ \Phi_{12}\ \Phi_6$
37718	822	1890	$\frac{2}{135}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{133}{270}$	$\Phi_{1890}\ \Phi_{630}\ \Phi_{378}\ \Phi_{210}\ \Phi_{126}\ \Phi_{70}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
37719	822	540	$\frac{2}{135}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{133}{270}$	$\Phi_{540}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
37720	822	660	$\frac{1}{55}$	$\frac{28}{165}$	$\frac{1}{4}$	$\frac{27}{55}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}\ \Phi_{132}^2\ \Phi_{110}\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{44}\ \Phi_{30}^2\ \Phi_{22}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6^2$
37721	822	1288	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{47}{184}$	$\frac{45}{92}$	$\Phi_{1288}\ \Phi_{322}\ \Phi_{161}\ \Phi_{56}\ \Phi_{14}$
37722	822	264	$\frac{5}{132}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{127}{264}$	$\Phi_{264}^6\ \Phi_{88}^6\ \Phi_{44}\ \Phi_{24}^6\ \Phi_{22}\ \Phi_8^6$
37723	822	1848	$\frac{5}{132}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{127}{264}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{168}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
37724	822	300	$\frac{1}{25}$	$\frac{13}{150}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{300}^4\ \Phi_{150}^2\ \Phi_{100}^3\ \Phi_{75}^2\ \Phi_{60}^4\ \Phi_{50}\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
37725	822	572	$\frac{6}{143}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{572}^2\ \Phi_{286}^2\ \Phi_{52}^2\ \Phi_{44}\ \Phi_{26}^2\ \Phi_{22}$
37726	822	500	$\frac{1}{25}$	$\frac{12}{125}$	$\frac{1}{4}$	$\frac{113}{250}$	$\Phi_{500}^2\ \Phi_{125}^2\ \Phi_{100}^3\ \Phi_{50}\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
37727	822	1008	$\frac{7}{144}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
37728	822	1610	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{22}{115}$	$\frac{93}{230}$	$\Phi_{1610}\ \Phi_{322}\ \Phi_{161}\ \Phi_{70}\ \Phi_{14}$
37729	822	1020	$\frac{1}{68}$	$\frac{1}{5}$	$\frac{67}{204}$	$\frac{2}{5}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{60}\ \Phi_{51}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
37730	822	140	$\frac{3}{140}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{140}^6\ \Phi_{70}^6\ \Phi_{35}^6\ \Phi_{28}^6\ \Phi_{20}^5\ \Phi_{14}^6\ \Phi_{10}^5\ \Phi_7^6\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
37731	822	170	$\frac{1}{34}$	$\frac{33}{170}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{170}^5\ \Phi_{85}^5\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_{10}^5\ \Phi_5^6\ \Phi_2^4\ \Phi_1^6$
37732	822	720	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}^2\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
37733	822	765	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}^2\ \Phi_{51}^2\ \Phi_{45}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
37734	822	220	$\frac{1}{55}$	$\frac{27}{110}$	$\frac{1}{4}$	$\frac{83}{220}$	$\Phi_{220}^3\ \Phi_{110}^5\ \Phi_{55}^4\ \Phi_{44}^3\ \Phi_{22}^5\ \Phi_{20}^3\ \Phi_{11}^4\ \Phi_{10}^5\ \Phi_5^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
37735	822	1248	$\frac{5}{416}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
37736	822	618	$\frac{1}{103}$	$\frac{34}{103}$	$\frac{1}{3}$	$\frac{69}{206}$	$\Phi_{618}^3\ \Phi_{309}\ \Phi_6^3$
37737	822	204	$\frac{1}{68}$	$\frac{1}{4}$	$\frac{67}{204}$	$\frac{1}{3}$	$\Phi_{204}^3\ \Phi_{102}^3\ \Phi_{68}^6\ \Phi_{51}^3\ \Phi_{34}^6\ \Phi_{17}^6\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
37738	822	420	$\frac{3}{140}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{30}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
37739	822	1632	$\frac{3}{136}$	$\frac{133}{544}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{96}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
37740	822	1020	$\frac{1}{34}$	$\frac{33}{170}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}\ \Phi_{255}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
37741	822	1428	$\frac{3}{68}$	$\frac{65}{476}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{357}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
37742	822	144	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{144}^6\ \Phi_{72}^6\ \Phi_{48}^6\ \Phi_{36}^6\ \Phi_{24}^3\ \Phi_{18}^6\ \Phi_{16}^6\ \Phi_{12}^4\ \Phi_9^6\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
37743	822	612	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{36}^2\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
37744	822	1260	$\frac{2}{45}$	$\frac{1}{7}$	$\frac{43}{180}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
37745	822	1008	$\frac{7}{144}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
37746	822	1134	$\frac{2}{27}$	$\frac{1}{7}$	$\frac{25}{162}$	$\frac{1}{3}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{126}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
37747	822	1050	$\frac{13}{150}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{70}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
37748	822	1620	$\frac{4}{135}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{131}{405}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{324}\ \Phi_{162}\ \Phi_{20}\ \Phi_{10}$
37749	822	396	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{61}{198}$	$\Phi_{396}^4\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{44}\ \Phi_{36}^4\ \Phi_{22}\ \Phi_{18}^2\ \Phi_9^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
37750	822	1386	$\frac{5}{66}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{61}{198}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
37751	822	1188	$\frac{23}{297}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{198}\ \Phi_{108}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}$
37752	822	1500	$\frac{1}{25}$	$\frac{24}{125}$	$\frac{1}{4}$	$\frac{101}{375}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
37753	822	1140	$\frac{11}{285}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{228}\ \Phi_{190}\ \Phi_{114}\ \Phi_{76}\ \Phi_{38}\ \Phi_{20}\ \Phi_{10}$
37754	822	180	$\frac{2}{45}$	$\frac{1}{5}$	$\frac{43}{180}$	$\frac{1}{4}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^6\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^5\ \Phi_{18}^4\ \Phi_{15}^6\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_{9}^6\ \Phi_{6}^4\ \Phi_{5}^6\ \Phi_{4}^4\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
37755	822	308	$\frac{1}{11}$	$\frac{17}{154}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{308}^4\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{44}\ \Phi_{28}^4\ \Phi_{22}\ \Phi_{14}^2\ \Phi_{7}^2$
37756	822	176	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{176}$	$\frac{1}{4}$	$\Phi_{176}^6\ \Phi_{88}^6\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}^6\ \Phi_{8}^6$
37757	822	300	$\frac{13}{150}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{300}^4\ \Phi_{150}^2\ \Phi_{100}^4\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
37758	822	1260	$\frac{4}{45}$	$\frac{41}{315}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
37759	822	660	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{28}{165}$	$\frac{1}{4}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{60}^2\ \Phi_{44}\ \Phi_{30}^2\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{10}^2$
37760	823	1632	$\frac{7}{816}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{809}{1632}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{96}\ \Phi_{32}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
37761	823	990	$\frac{2}{165}$	$\frac{167}{990}$	$\frac{1}{3}$	$\frac{163}{330}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{198}\ \Phi_{165}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{18}\ \Phi_{15}\ \Phi_{11}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
37762	823	1620	$\frac{13}{810}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{797}{1620}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{324}\ \Phi_{180}\ \Phi_{108}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
37763	823	1620	$\frac{13}{810}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{797}{1620}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{324}\ \Phi_{180}\ \Phi_{108}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
37764	823	1104	$\frac{5}{276}$	$\frac{1}{6}$	$\frac{281}{1104}$	$\frac{271}{552}$	$\Phi_{1104}\ \Phi_{368}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{48}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
37765	823	900	$\frac{2}{75}$	$\frac{77}{900}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
37766	823	1584	$\frac{31}{792}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{761}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{48}\ \Phi_{33}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
37767	823	1584	$\frac{31}{792}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{761}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
37768	823	858	$\frac{35}{858}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{858}\ \Phi_{429}\ \Phi_{286}\ \Phi_{143}\ \Phi_{78}\ \Phi_{39}\ \Phi_{33}\ \Phi_{26}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}$
37769	823	1500	$\frac{2}{75}$	$\frac{73}{750}$	$\frac{1}{3}$	$\frac{677}{1500}$	$\Phi_{1500}\ \Phi_{500}\ \Phi_{300}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
37770	823	840	$\frac{17}{840}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
37771	823	864	$\frac{41}{864}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
37772	823	1224	$\frac{7}{408}$	$\frac{1}{6}$	$\frac{401}{1224}$	$\frac{5}{12}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
37773	823	840	$\frac{17}{840}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
37774	823	1020	$\frac{7}{204}$	$\frac{1}{6}$	$\frac{197}{1020}$	$\frac{5}{12}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{85}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
37775	823	864	$\frac{41}{864}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
37776	823	1380	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{133}{690}$	$\frac{557}{1380}$	$\Phi_{1380}\ \Phi_{460}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{60}\ \Phi_{46}\ \Phi_{23}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
37777	823	1320	$\frac{2}{165}$	$\frac{163}{660}$	$\frac{1}{3}$	$\frac{497}{1320}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{165}\ \Phi_{120}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}\ \Phi_{15}\ \Phi_{11}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
37778	823	1215	$\frac{13}{405}$	$\frac{2}{15}$	$\frac{392}{1215}$	$\frac{1}{3}$	$\Phi_{1215}\ \Phi_{243}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
37779	823	891	$\frac{2}{33}$	$\frac{68}{891}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{891}\ \Phi_{297}\ \Phi_{81}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_{1}$
37780	823	1188	$\frac{2}{33}$	$\frac{31}{396}$	$\frac{365}{1188}$	$\frac{1}{3}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{108}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_{1}$
37781	823	855	$\frac{32}{855}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{171}\ \Phi_{95}\ \Phi_{57}\ \Phi_{19}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
37782	823	1125	$\frac{2}{75}$	$\frac{73}{375}$	$\frac{302}{1125}$	$\frac{1}{3}$	$\Phi_{1125}\ \Phi_{225}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
37783	823	1080	$\frac{13}{270}$	$\frac{2}{15}$	$\frac{257}{1080}$	$\frac{1}{3}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
37784	823	924	$\frac{2}{33}$	$\frac{101}{924}$	$\frac{31}{132}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{84}\ \Phi_{77}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
37785	823	1056	$\frac{2}{33}$	$\frac{31}{264}$	$\frac{233}{1056}$	$\frac{1}{3}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{176}\ \Phi_{96}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
37786	823	990	$\frac{2}{33}$	$\frac{31}{198}$	$\frac{167}{990}$	$\frac{1}{3}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
37787	823	900	$\frac{77}{900}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
37788	823	945	$\frac{13}{135}$	$\frac{122}{945}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{105}\ \Phi_{63}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
37789	823	1188	$\frac{31}{396}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{365}{1188}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
37790	823	864	$\frac{41}{864}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
37791	823	1080	$\frac{13}{270}$	$\frac{1}{6}$	$\frac{257}{1080}$	$\frac{5}{18}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
37792	823	972	$\frac{13}{162}$	$\frac{149}{972}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{108}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
37793	823	900	$\frac{77}{900}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
37794	824	615	$\frac{1}{205}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{102}{205}$	$\Phi_{615}\ \Phi_{205}^2\ \Phi_{123}\ \Phi_{41}^2\ \Phi_{15}\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
37795	824	823	$\frac{5}{823}$	$\frac{207}{823}$	$\frac{308}{823}$	$\frac{409}{823}$	$\Phi_{823}\ \Phi_{1}^2$
37796	824	1239	$\frac{3}{413}$	$\frac{104}{413}$	$\frac{1}{3}$	$\frac{205}{413}$	$\Phi_{1239}\ \Phi_{177}\ \Phi_{21}$
37797	824	1428	$\frac{1}{102}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{101}{204}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{204}^2\ \Phi_{84}\ \Phi_{68}^2\ \Phi_{28}\ \Phi_{12}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
37798	824	1020	$\frac{1}{102}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{101}{204}$	$\Phi_{1020}^2\ \Phi_{340}^2\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}$
37799	824	690	$\frac{1}{69}$	$\frac{1}{5}$	$\frac{35}{138}$	$\frac{34}{69}$	$\Phi_{690}^2\ \Phi_{345}\ \Phi_{230}^2\ \Phi_{115}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
37800	824	609	$\frac{3}{203}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{100}{203}$	$\Phi_{609}^2\ \Phi_{87}^2\ \Phi_{21}^3\ \Phi_{3}^2$
37801	824	354	$\frac{1}{59}$	$\frac{15}{118}$	$\frac{1}{3}$	$\frac{29}{59}$	$\Phi_{354}^4\ \Phi_{177}^3\ \Phi_{6}^4\ \Phi_{3}^2$
37802	824	1800	$\frac{3}{100}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{97}{200}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{120}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
37803	824	990	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{95}{198}$	$\Phi_{990}^2\ \Phi_{330}^2\ \Phi_{110}^2\ \Phi_{90}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
37804	824	115	$\frac{1}{23}$	$\frac{12}{115}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{115}^7\ \Phi_{23}^8\ \Phi_{5}^6\ \Phi_{1}^8$
37805	824	576	$\frac{7}{96}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{89}{192}$	$\Phi_{576}^3\ \Phi_{192}^2\ \Phi_{72}\ \Phi_{64}^2\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
37806	824	540	$\frac{5}{108}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2$
37807	824	920	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{1}{5}$	$\frac{81}{184}$	$\Phi_{920}^2\ \Phi_{115}\ \Phi_{40}^2$
37808	824	1008	$\frac{9}{112}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
37809	824	1638	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{12}{91}$	$\frac{79}{182}$	$\Phi_{1638}\ \Phi_{546}\ \Phi_{234}\ \Phi_{126}\ \Phi_{117}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{18}\ \Phi_{6}$
37810	824	105	$\frac{2}{105}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{105}^8\ \Phi_{35}^8\ \Phi_{21}^7\ \Phi_{15}^8\ \Phi_{7}^8\ \Phi_{5}^8\ \Phi_{3}^6\ \Phi_{1}^8$
37811	824	1071	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{50}{153}$	$\frac{3}{7}$	$\Phi_{1071}\ \Phi_{153}^2\ \Phi_{63}\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
37812	824	952	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{33}{136}$	$\frac{3}{7}$	$\Phi_{952}\ \Phi_{476}\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{56}\ \Phi_{28}\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
37813	824	756	$\frac{5}{108}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}^2\ \Phi_{84}\ \Phi_{63}\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
37814	824	119	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{119}^7\ \Phi_{17}^6\ \Phi_{7}^8\ \Phi_{1}^8$
37815	824	177	$\frac{1}{59}$	$\frac{29}{177}$	$\frac{1}{3}$	$\frac{74}{177}$	$\Phi_{177}^5\ \Phi_{59}^4\ \Phi_{3}^4\ \Phi_{1}^4$
37816	824	468	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{25}{78}$	$\frac{53}{156}$	$\Phi_{468}^3\ \Phi_{234}\ \Phi_{156}^2\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{36}^3\ \Phi_{18}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}^2$
37817	824	312	$\frac{1}{104}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{104}^2\ \Phi_{78}^3\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{24}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
37818	824	105	$\frac{2}{105}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^{8}\ \Phi_{35}^{8}\ \Phi_{21}^{8}\ \Phi_{15}^{7}\ \Phi_{7}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
37819	824	123	$\frac{1}{41}$	$\frac{20}{123}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{123}^{7}\ \Phi_{41}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
37820	824	531	$\frac{1}{59}$	$\frac{119}{531}$	$\frac{58}{177}$	$\frac{1}{3}$	$\Phi_{531}^{2}\ \Phi_{177}\ \Phi_{9}^{2}$
37821	824	765	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{50}{153}$	$\frac{1}{3}$	$\Phi_{765}^{2}\ \Phi_{45}^{2}\ \Phi_{15}$
37822	824	609	$\frac{6}{203}$	$\frac{1}{7}$	$\frac{197}{609}$	$\frac{1}{3}$	$\Phi_{609}\ \Phi_{203}^{2}\ \Phi_{87}\ \Phi_{29}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
37823	824	2040	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{33}{136}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{120}\ \Phi_{60}\ \Phi_{15}$
37824	824	255	$\frac{2}{51}$	$\frac{49}{255}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{255}^{3}\ \Phi_{85}^{3}\ \Phi_{51}^{4}\ \Phi_{17}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
37825	824	540	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{180}^{2}\ \Phi_{135}^{2}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{20}^{2}\ \Phi_{15}$
37826	824	1785	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{105}\ \Phi_{15}$
37827	824	1485	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{91}{297}$	$\Phi_{1485}\ \Phi_{135}\ \Phi_{45}\ \Phi_{15}$
37828	824	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{7}{24}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{2}\ \Phi_{90}^{3}\ \Phi_{72}\ \Phi_{60}^{2}\ \Phi_{45}^{3}\ \Phi_{40}^{2}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{6}\ \Phi_{5}^{2}$
37829	824	144	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{144}$	$\Phi_{144}^{5}\ \Phi_{72}^{6}\ \Phi_{48}^{6}\ \Phi_{36}^{6}\ \Phi_{24}^{7}\ \Phi_{18}^{6}\ \Phi_{16}^{6}\ \Phi_{12}^{7}\ \Phi_{9}^{5}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
37830	824	690	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{11}{46}$	$\frac{35}{138}$	$\Phi_{690}^{2}\ \Phi_{345}^{2}\ \Phi_{115}\ \Phi_{30}^{2}\ \Phi_{15}^{2}$
37831	824	360	$\frac{1}{9}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{360}^{3}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{72}^{3}\ \Phi_{60}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{3}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{3}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37832	824	1152	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{25}{128}$	$\frac{7}{32}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
37833	825	328	$\frac{1}{164}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{163}{328}$	$\Phi_{328}\ \Phi_{164}^{4}\ \Phi_{82}^{4}\ \Phi_{41}^{4}\ \Phi_{8}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
37834	825	1092	$\frac{2}{273}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{271}{546}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{273}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{52}\ \Phi_{39}\ \Phi_{28}\ \Phi_{21}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
37835	825	368	$\frac{1}{92}$	$\frac{1}{4}$	$\frac{93}{368}$	$\frac{91}{184}$	$\Phi_{368}^{3}\ \Phi_{92}^{3}\ \Phi_{46}^{3}\ \Phi_{23}^{3}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
37836	825	544	$\frac{3}{272}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{269}{544}$	$\Phi_{544}^{3}\ \Phi_{32}^{3}\ \Phi_{16}\ \Phi_{1}$
37837	825	544	$\frac{3}{272}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{269}{544}$	$\Phi_{544}^{3}\ \Phi_{32}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
37838	825	740	$\frac{1}{74}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{73}{148}$	$\Phi_{370}^{2}\ \Phi_{185}^{2}\ \Phi_{148}\ \Phi_{74}^{2}\ \Phi_{37}^{2}\ \Phi_{20}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
37839	825	2220	$\frac{1}{74}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{73}{148}$	$\Phi_{2220}\ \Phi_{444}\ \Phi_{148}\ \Phi_{60}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
37840	825	756	$\frac{1}{54}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{53}{108}$	$\Phi_{378}^{2}\ \Phi_{189}^{2}\ \Phi_{126}^{2}\ \Phi_{108}\ \Phi_{63}^{2}\ \Phi_{54}^{2}\ \Phi_{42}^{2}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
37841	825	756	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{53}{108}$	$\Phi_{756}^{2}\ \Phi_{252}^{2}\ \Phi_{108}^{3}\ \Phi_{84}^{2}\ \Phi_{36}^{3}\ \Phi_{28}^{2}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
37842	825	108	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{53}{108}$	$\Phi_{108}^{5}\ \Phi_{54}^{10}\ \Phi_{36}^{5}\ \Phi_{27}^{10}\ \Phi_{18}^{10}\ \Phi_{12}^{7}\ \Phi_{9}^{10}\ \Phi_{6}^{11}\ \Phi_{4}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
37843	825	192	$\frac{1}{32}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{31}{64}$	$\Phi_{192}^{8}\ \Phi_{64}^{9}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
37844	825	1728	$\frac{1}{32}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{64}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
37845	825	576	$\frac{1}{32}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{31}{64}$	$\Phi_{576}^{4}\ \Phi_{64}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
37846	825	448	$\frac{1}{32}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{448}^{4}\ \Phi_{64}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
37847	825	64	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{31}{64}$	$\Phi_{64}^{25}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
37848	825	192	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{31}{64}$	$\Phi_{192}^{8}\ \Phi_{64}^{9}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
37849	825	184	$\frac{3}{92}$	$\frac{19}{184}$	$\frac{1}{4}$	$\frac{89}{184}$	$\Phi_{184}^{4}\ \Phi_{92}^{5}\ \Phi_{46}^{5}\ \Phi_{23}^{5}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
37850	825	48	$\frac{1}{24}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{23}{48}$	$\Phi_{48}^{17}\ \Phi_{24}^{16}\ \Phi_{16}^{19}\ \Phi_{12}^{16}\ \Phi_{8}^{18}\ \Phi_{6}^{16}\ \Phi_{4}^{18}\ \Phi_{3}^{16}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
37851	825	48	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{48}^{33}\ \Phi_{16}^{33}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
37852	825	240	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{23}{48}$	$\Phi_{240}^{8}\ \Phi_{80}^{8}\ \Phi_{48}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
37853	825	208	$\frac{3}{52}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{208}^{4}\ \Phi_{104}^{3}\ \Phi_{52}^{4}\ \Phi_{26}^{4}\ \Phi_{16}^{7}\ \Phi_{13}^{4}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
37854	825	104	$\frac{3}{52}$	$\frac{1}{8}$	$\frac{7}{52}$	$\frac{49}{104}$	$\Phi_{104}^{7}\ \Phi_{52}^{9}\ \Phi_{26}^{9}\ \Phi_{13}^{9}\ \Phi_{8}^{6}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
37855	825	1596	$\frac{2}{57}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{1596}\ \Phi_{532}\ \Phi_{228}\ \Phi_{76}\ \Phi_{57}\ \Phi_{28}\ \Phi_{19}\ \Phi_4\ \Phi_1$
37856	825	2268	$\frac{1}{27}$	$\frac{1}{14}$	$\frac{26}{81}$	$\frac{13}{28}$	$\Phi_{2268}\ \Phi_{324}\ \Phi_{81}\ \Phi_{28}\ \Phi_4\ \Phi_1$
37857	825	504	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{17}{72}$	$\frac{13}{28}$	$\Phi_{504}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{72}^3\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_8^3\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
37858	825	756	$\frac{1}{14}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{13}{28}$	$\Phi_{756}^2\ \Phi_{252}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{36}^2\ \Phi_{28}^3\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_4^3\ \Phi_3^2\ \Phi_1^3$
37859	825	84	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{84}^8\ \Phi_{42}^{10}\ \Phi_{28}^9\ \Phi_{21}^{10}\ \Phi_{14}^{10}\ \Phi_{12}^{13}\ \Phi_7^{10}\ \Phi_6^{14}\ \Phi_4^{14}\ \Phi_3^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
37860	825	252	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{13}{28}$	$\Phi_{252}^6\ \Phi_{84}^6\ \Phi_{63}\ \Phi_{36}^6\ \Phi_{28}^7\ \Phi_{21}\ \Phi_{12}^6\ \Phi_7\ \Phi_4^7\ \Phi_1$
37861	825	512	$\frac{19}{256}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{237}{512}$	$\Phi_{512}^3\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
37862	825	288	$\frac{13}{288}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
37863	825	92	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{21}{46}$	$\Phi_{92}^{12}\ \Phi_{46}\ \Phi_{23}^{11}\ \Phi_4^{11}\ \Phi_1^{11}$
37864	825	740	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{12}{37}$	$\frac{9}{20}$	$\Phi_{740}^2\ \Phi_{148}^2\ \Phi_{37}^2\ \Phi_{20}^3\ \Phi_4^3\ \Phi_1^3$
37865	825	260	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{260}^2\ \Phi_{130}^4\ \Phi_{65}^4\ \Phi_{52}^4\ \Phi_{26}^5\ \Phi_{20}\ \Phi_{13}^5\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
37866	825	740	$\frac{2}{37}$	$\frac{1}{10}$	$\frac{7}{37}$	$\frac{9}{20}$	$\Phi_{740}^2\ \Phi_{148}^2\ \Phi_{37}^2\ \Phi_{20}^3\ \Phi_4^3\ \Phi_1^3$
37867	825	240	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^6\ \Phi_{40}^2\ \Phi_{30}^4\ \Phi_{24}^6\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_8^3\ \Phi_6^5\ \Phi_5^2\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
37868	825	896	$\frac{71}{896}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
37869	825	1472	$\frac{3}{92}$	$\frac{89}{736}$	$\frac{1}{4}$	$\frac{647}{1472}$	$\Phi_{1472}\ \Phi_{92}\ \Phi_{64}\ \Phi_{46}\ \Phi_{23}\ \Phi_1$
37870	825	784	$\frac{1}{16}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{49}\ \Phi_{28}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
37871	825	1088	$\frac{9}{272}$	$\frac{1}{8}$	$\frac{263}{1088}$	$\frac{7}{16}$	$\Phi_{1088}\ \Phi_{544}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
37872	825	288	$\frac{13}{288}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
37873	825	64	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{64}^{15}\ \Phi_{32}^{15}\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
37874	825	1456	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{97}{728}$	$\frac{631}{1456}$	$\Phi_{1456}\ \Phi_{208}\ \Phi_{112}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
37875	825	96	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{96}^{15}\ \Phi_{32}^{15}\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
37876	825	92	$\frac{1}{46}$	$\frac{9}{46}$	$\frac{1}{4}$	$\frac{37}{92}$	$\Phi_{92}^7\ \Phi_{46}^{11}\ \Phi_{23}^{11}\ \Phi_4^6\ \Phi_2^{10}\ \Phi_1^{11}$
37877	825	684	$\frac{1}{76}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{684}\ \Phi_{342}\ \Phi_{228}^2\ \Phi_{171}\ \Phi_{114}^2\ \Phi_{76}\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
37878	825	328	$\frac{1}{82}$	$\frac{1}{4}$	$\frac{27}{82}$	$\frac{3}{8}$	$\Phi_{328}^4\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_8^5\ \Phi_2^2\ \Phi_1^3$
37879	825	304	$\frac{1}{76}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{304}^4\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
37880	825	56	$\frac{1}{56}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{56}^{15}\ \Phi_{28}^{15}\ \Phi_{14}^{15}\ \Phi_8^{12}\ \Phi_7^{15}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
37881	825	328	$\frac{1}{41}$	$\frac{8}{41}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{328}^4\ \Phi_{41}^4\ \Phi_8^5\ \Phi_1^5$
37882	825	408	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^4\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{24}^2\ \Phi_{17}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
37883	825	328	$\frac{5}{82}$	$\frac{7}{82}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{328}^4\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_8^5\ \Phi_2^2\ \Phi_1^3$
37884	825	48	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{48}^{20}\ \Phi_{24}^{16}\ \Phi_{16}^{15}\ \Phi_{12}^{19}\ \Phi_8^{12}\ \Phi_6^{19}\ \Phi_4^{14}\ \Phi_3^{19}\ \Phi_2^{14}\ \Phi_1^{15}$
37885	825	336	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^4\ \Phi_{84}\ \Phi_{56}^4\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}^3\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_7^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
37886	825	228	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{228}^4\ \Phi_{114}^4\ \Phi_{76}^4\ \Phi_{57}^4\ \Phi_{38}\ \Phi_{19}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
37887	825	309	$\frac{4}{103}$	$\frac{34}{309}$	$\frac{33}{103}$	$\frac{35}{103}$	$\Phi_{309}^3\ \Phi_{103}^2\ \Phi_3^3\ \Phi_1^3$
37888	825	416	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{67}{208}$	$\frac{141}{416}$	$\Phi_{416}^3\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}^3\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
37889	825	828	$\frac{1}{69}$	$\frac{1}{4}$	$\frac{68}{207}$	$\frac{139}{414}$	$\Phi_{828}\ \Phi_{276}^2\ \Phi_{207}\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}\ \Phi_{36}\ \Phi_{23}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
37890	825	412	$\frac{1}{103}$	$\frac{34}{103}$	$\frac{137}{412}$	$\frac{69}{206}$	$\Phi_{412}^3\ \Phi_{103}^2\ \Phi_4^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
37891	825	432	$\frac{1}{16}$	$\frac{2}{27}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{432}^{2}\,\Phi_{216}^{2}\,\Phi_{144}^{2}\,\Phi_{108}^{2}\,\Phi_{72}^{2}\,\Phi_{54}^{2}\,\Phi_{36}^{2}\,\Phi_{27}^{3}\,\Phi_{18}^{2}\,\Phi_{16}^{2}\,\Phi_{9}^{3}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
37892	825	399	$\frac{2}{57}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{399}^{2}\,\Phi_{133}^{2}\,\Phi_{57}^{3}\,\Phi_{19}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
37893	825	228	$\frac{2}{57}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^{5}\,\Phi_{114}^{2}\,\Phi_{76}^{5}\,\Phi_{57}^{3}\,\Phi_{38}^{2}\,\Phi_{19}^{3}\,\Phi_{12}^{2}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
37894	825	312	$\frac{2}{39}$	$\frac{37}{312}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{312}^{3}\,\Phi_{156}^{2}\,\Phi_{104}^{3}\,\Phi_{78}^{2}\,\Phi_{52}^{2}\,\Phi_{39}^{3}\,\Phi_{26}^{2}\,\Phi_{24}^{3}\,\Phi_{13}^{3}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
37895	825	588	$\frac{19}{294}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}^{2}\,\Phi_{294}\,\Phi_{196}^{2}\,\Phi_{147}\,\Phi_{98}\,\Phi_{84}\,\Phi_{49}\,\Phi_{28}\,\Phi_{21}\,\Phi_{12}^{2}\,\Phi_{7}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
37896	825	108	$\frac{2}{27}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{108}^{8}\,\Phi_{54}^{8}\,\Phi_{36}^{8}\,\Phi_{27}^{9}\,\Phi_{18}^{8}\,\Phi_{12}^{3}\,\Phi_{9}^{9}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
37897	825	1080	$\frac{2}{27}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{1080}\,\Phi_{540}\,\Phi_{360}\,\Phi_{270}\,\Phi_{180}\,\Phi_{135}\,\Phi_{90}\,\Phi_{45}\,\Phi_{40}\,\Phi_{27}\,\Phi_{20}\,\Phi_{10}\,\Phi_{9}\,\Phi_{5}\,\Phi_{1}$
37898	825	408	$\frac{3}{136}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{133}{408}$	$\Phi_{408}^{3}\,\Phi_{204}^{3}\,\Phi_{102}^{3}\,\Phi_{51}^{3}\,\Phi_{24}^{3}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
37899	825	555	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{12}{37}$	$\Phi_{555}^{2}\,\Phi_{111}^{2}\,\Phi_{37}^{2}\,\Phi_{15}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
37900	825	567	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{26}{81}$	$\Phi_{567}^{2}\,\Phi_{81}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
37901	825	324	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{26}{81}$	$\Phi_{324}^{5}\,\Phi_{162}^{2}\,\Phi_{81}^{3}\,\Phi_{12}^{2}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
37902	825	144	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{5}{16}$	$\Phi_{144}^{8}\,\Phi_{72}^{8}\,\Phi_{36}^{9}\,\Phi_{18}^{9}\,\Phi_{16}^{2}\,\Phi_{9}^{9}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
37903	825	112	$\frac{1}{16}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{112}^{8}\,\Phi_{56}^{8}\,\Phi_{28}^{9}\,\Phi_{16}^{2}\,\Phi_{14}^{9}\,\Phi_{8}^{2}\,\Phi_{7}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
37904	825	32	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{5}{16}$	$\Phi_{32}^{33}\,\Phi_{16}^{19}\,\Phi_{8}^{18}\,\Phi_{4}^{18}\,\Phi_{2}^{18}\,\Phi_{1}^{19}$
37905	825	48	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{16}$	$\Phi_{48}^{16}\,\Phi_{24}^{16}\,\Phi_{16}^{18}\,\Phi_{12}^{16}\,\Phi_{8}^{18}\,\Phi_{6}^{20}\,\Phi_{4}^{18}\,\Phi_{3}^{20}\,\Phi_{2}^{22}\,\Phi_{1}^{23}$
37906	825	412	$\frac{31}{412}$	$\frac{57}{412}$	$\frac{71}{412}$	$\frac{127}{412}$	$\Phi_{412}^{2}\,\Phi_{206}^{2}\,\Phi_{103}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
37907	825	498	$\frac{13}{166}$	$\frac{23}{166}$	$\frac{1}{6}$	$\frac{51}{166}$	$\Phi_{498}^{2}\,\Phi_{249}^{2}\,\Phi_{166}\,\Phi_{83}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
37908	825	36	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{36}^{33}\,\Phi_{18}^{33}\,\Phi_{12}^{3}\,\Phi_{9}^{33}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
37909	825	360	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{36}$	$\Phi_{360}^{4}\,\Phi_{180}^{4}\,\Phi_{90}^{4}\,\Phi_{45}^{4}\,\Phi_{40}\,\Phi_{36}\,\Phi_{20}\,\Phi_{18}\,\Phi_{10}\,\Phi_{9}\,\Phi_{5}\,\Phi_{1}$
37910	825	64	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{19}{64}$	$\Phi_{64}^{13}\,\Phi_{32}^{13}\,\Phi_{16}^{13}\,\Phi_{8}^{12}\,\Phi_{4}^{12}\,\Phi_{2}^{12}\,\Phi_{1}^{13}$
37911	825	144	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{144}^{8}\,\Phi_{72}^{7}\,\Phi_{36}^{7}\,\Phi_{18}^{7}\,\Phi_{16}^{7}\,\Phi_{9}^{7}\,\Phi_{8}^{6}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
37912	825	504	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{17}{72}$	$\frac{2}{7}$	$\Phi_{504}^{2}\,\Phi_{252}^{2}\,\Phi_{168}^{2}\,\Phi_{84}^{2}\,\Phi_{72}^{3}\,\Phi_{56}^{2}\,\Phi_{36}^{3}\,\Phi_{28}^{2}\,\Phi_{24}^{3}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
37913	825	112	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{112}^{8}\,\Phi_{56}^{8}\,\Phi_{28}^{8}\,\Phi_{16}^{7}\,\Phi_{14}^{3}\,\Phi_{8}^{7}\,\Phi_{7}^{5}\,\Phi_{4}^{7}\,\Phi_{2}^{2}\,\Phi_{1}^{5}$
37914	825	189	$\frac{2}{27}$	$\frac{1}{7}$	$\frac{5}{27}$	$\frac{2}{7}$	$\Phi_{189}^{4}\,\Phi_{63}^{4}\,\Phi_{27}^{6}\,\Phi_{21}^{4}\,\Phi_{9}^{6}\,\Phi_{7}^{6}\,\Phi_{3}^{6}\,\Phi_{1}^{9}$
37915	825	84	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{84}^{10}\,\Phi_{42}^{8}\,\Phi_{28}^{10}\,\Phi_{21}^{8}\,\Phi_{14}^{8}\,\Phi_{12}^{15}\,\Phi_{7}^{10}\,\Phi_{6}^{12}\,\Phi_{4}^{15}\,\Phi_{3}^{12}\,\Phi_{2}^{12}\,\Phi_{1}^{15}$
37916	825	63	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{63}^{13}\,\Phi_{21}^{13}\,\Phi_{9}^{12}\,\Phi_{7}^{15}\,\Phi_{3}^{12}\,\Phi_{1}^{15}$
37917	825	384	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{19}{128}$	$\frac{109}{384}$	$\Phi_{384}^{3}\,\Phi_{192}^{3}\,\Phi_{96}^{3}\,\Phi_{64}\,\Phi_{48}^{3}\,\Phi_{32}\,\Phi_{24}^{3}\,\Phi_{16}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{3}^{3}\,\Phi_{1}$
37918	825	412	$\frac{27}{412}$	$\frac{67}{412}$	$\frac{77}{412}$	$\frac{115}{412}$	$\Phi_{412}^{2}\,\Phi_{206}^{2}\,\Phi_{103}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
37919	825	288	$\frac{13}{288}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{288}^{3}\,\Phi_{144}^{3}\,\Phi_{96}^{3}\,\Phi_{72}^{3}\,\Phi_{48}^{3}\,\Phi_{36}\,\Phi_{32}^{3}\,\Phi_{24}^{3}\,\Phi_{18}^{2}\,\Phi_{16}^{3}\,\Phi_{12}^{3}\,\Phi_{9}^{2}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
37920	825	228	$\frac{1}{12}$	$\frac{11}{76}$	$\frac{13}{76}$	$\frac{21}{76}$	$\Phi_{228}^{4}\,\Phi_{114}^{4}\,\Phi_{76}^{3}\,\Phi_{57}^{4}\,\Phi_{38}^{3}\,\Phi_{19}^{3}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
37921	825	103	$\frac{8}{103}$	$\frac{15}{103}$	$\frac{19}{103}$	$\frac{28}{103}$	$\Phi_{103}^{8}\,\Phi_{1}^{9}$
37922	825	498	$\frac{11}{166}$	$\frac{1}{6}$	$\frac{31}{166}$	$\frac{45}{166}$	$\Phi_{498}^{2}\,\Phi_{249}^{2}\,\Phi_{166}\,\Phi_{83}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
37923	825	780	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{780}^{2}\,\Phi_{390}\,\Phi_{195}\,\Phi_{156}^{2}\,\Phi_{78}\,\Phi_{60}\,\Phi_{52}^{2}\,\Phi_{39}\,\Phi_{26}\,\Phi_{15}\,\Phi_{13}\,\Phi_{12}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
37924	825	555	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{555}^{2}\,\Phi_{111}^{2}\,\Phi_{37}^{2}\,\Phi_{15}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
37925	825	240	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{240}^{3}\,\Phi_{120}^{3}\,\Phi_{80}^{4}\,\Phi_{60}^{3}\,\Phi_{48}^{5}\,\Phi_{40}^{4}\,\Phi_{30}\,\Phi_{24}^{5}\,\Phi_{20}^{4}\,\Phi_{16}^{5}\,\Phi_{15}^{2}\,\Phi_{12}^{5}\,\Phi_{10}^{2}\,\Phi_{8}^{5}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{5}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
37926	825	368	$\frac{3}{92}$	$\frac{89}{368}$	$\frac{1}{4}$	$\frac{93}{368}$	$\Phi_{368}^{2}\,\Phi_{184}^{2}\,\Phi_{92}^{3}\,\Phi_{46}^{3}\,\Phi_{23}^{3}\,\Phi_{16}^{2}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
37927	825	68	$\frac{3}{68}$	$\frac{13}{68}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{68}^{12}\ \Phi_{34}^{12}\ \Phi_{17}^{12}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
37928	825	288	$\frac{13}{288}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{288}^{3}\ \Phi_{144}^{3}\ \Phi_{96}^{3}\ \Phi_{72}^{3}\ \Phi_{48}^{3}\ \Phi_{36}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
37929	825	84	$\frac{1}{12}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{84}^{12}\ \Phi_{42}^{12}\ \Phi_{28}^{9}\ \Phi_{21}^{12}\ \Phi_{14}^{9}\ \Phi_{12}^{3}\ \Phi_{7}^{9}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
37930	825	72	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{17}{72}$	$\frac{1}{4}$	$\Phi_{72}^{15}\ \Phi_{36}^{5}\ \Phi_{24}^{15}\ \Phi_{18}^{10}\ \Phi_{12}^{7}\ \Phi_{9}^{10}\ \Phi_{8}^{15}\ \Phi_{6}^{11}\ \Phi_{4}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
37931	825	96	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{96}^{12}\ \Phi_{48}^{12}\ \Phi_{32}^{9}\ \Phi_{16}^{9}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
37932	825	112	$\frac{3}{28}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{112}^{7}\ \Phi_{56}^{7}\ \Phi_{28}^{8}\ \Phi_{16}^{8}\ \Phi_{14}^{8}\ \Phi_{8}^{8}\ \Phi_{7}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
37933	825	108	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{5}{27}$	$\frac{1}{4}$	$\Phi_{108}^{10}\ \Phi_{54}^{4}\ \Phi_{36}^{10}\ \Phi_{27}^{6}\ \Phi_{18}^{4}\ \Phi_{12}^{12}\ \Phi_{9}^{6}\ \Phi_{6}^{5}\ \Phi_{4}^{11}\ \Phi_{3}^{7}\ \Phi_{2}^{4}\ \Phi_{1}^{7}$
37934	825	92	$\frac{7}{92}$	$\frac{15}{92}$	$\frac{17}{92}$	$\frac{1}{4}$	$\Phi_{92}^{9}\ \Phi_{46}^{9}\ \Phi_{23}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
37935	825	280	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{280}^{4}\ \Phi_{140}^{4}\ \Phi_{70}^{4}\ \Phi_{40}\ \Phi_{35}^{4}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
37936	825	12	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{12}^{67}\ \Phi_{6}^{71}\ \Phi_{4}^{66}\ \Phi_{3}^{71}\ \Phi_{2}^{70}\ \Phi_{1}^{71}$
37937	825	324	$\frac{5}{54}$	$\frac{49}{324}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{324}^{3}\ \Phi_{162}^{3}\ \Phi_{108}\ \Phi_{81}^{3}\ \Phi_{54}^{2}\ \Phi_{36}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
37938	825	252	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{252}^{5}\ \Phi_{126}^{2}\ \Phi_{84}^{5}\ \Phi_{63}^{3}\ \Phi_{42}^{2}\ \Phi_{28}^{5}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{7}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
37939	825	1024	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{199}{1024}$	$\frac{57}{256}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
37940	825	160	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{7}{32}$	$\Phi_{160}^{8}\ \Phi_{80}^{8}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
37941	825	64	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{5}{32}$	$\frac{7}{32}$	$\Phi_{64}^{15}\ \Phi_{32}^{11}\ \Phi_{16}^{11}\ \Phi_{8}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
37942	825	120	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{7}{40}$	$\Phi_{120}^{8}\ \Phi_{60}^{8}\ \Phi_{40}^{9}\ \Phi_{30}^{8}\ \Phi_{20}^{9}\ \Phi_{15}^{8}\ \Phi_{10}^{9}\ \Phi_{6}^{4}\ \Phi_{5}^{9}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
37943	826	822	$\frac{2}{411}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{409}{822}$	$\Phi_{822}^{2}\ \Phi_{274}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37944	826	660	$\frac{1}{165}$	$\frac{83}{330}$	$\frac{247}{660}$	$\frac{82}{165}$	$\Phi_{660}^{2}\ \Phi_{220}^{2}\ \Phi_{165}\ \Phi_{132}^{2}\ \Phi_{60}^{2}\ \Phi_{55}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
37945	826	552	$\frac{1}{138}$	$\frac{139}{552}$	$\frac{1}{3}$	$\frac{137}{276}$	$\Phi_{552}^{2}\ \Phi_{184}^{2}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{24}^{2}\ \Phi_{23}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37946	826	820	$\frac{3}{410}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{407}{820}$	$\Phi_{820}^{2}\ \Phi_{164}^{2}\ \Phi_{20}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
37947	826	468	$\frac{1}{117}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{58}{117}$	$\Phi_{468}^{3}\ \Phi_{156}^{3}\ \Phi_{117}\ \Phi_{52}^{3}\ \Phi_{39}\ \Phi_{36}^{3}\ \Phi_{13}\ \Phi_{12}^{4}\ \Phi_{9}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
37948	826	117	$\frac{1}{117}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{58}{117}$	$\Phi_{117}^{7}\ \Phi_{39}^{7}\ \Phi_{13}^{7}\ \Phi_{9}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
37949	826	816	$\frac{5}{408}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{403}{816}$	$\Phi_{816}^{2}\ \Phi_{272}^{2}\ \Phi_{48}^{2}\ \Phi_{16}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37950	826	750	$\frac{1}{75}$	$\frac{38}{375}$	$\frac{337}{750}$	$\frac{37}{75}$	$\Phi_{750}^{2}\ \Phi_{250}^{2}\ \Phi_{150}^{2}\ \Phi_{75}\ \Phi_{50}^{2}\ \Phi_{30}^{2}\ \Phi_{25}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37951	826	814	$\frac{6}{407}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{401}{814}$	$\Phi_{814}^{2}\ \Phi_{74}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37952	826	1508	$\frac{1}{58}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{57}{116}$	$\Phi_{1508}\ \Phi_{116}^{2}\ \Phi_{52}\ \Phi_{13}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
37953	826	696	$\frac{1}{58}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{57}{116}$	$\Phi_{696}^{2}\ \Phi_{348}\ \Phi_{174}^{2}\ \Phi_{87}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
37954	826	110	$\frac{1}{55}$	$\frac{4}{55}$	$\frac{51}{110}$	$\frac{27}{55}$	$\Phi_{110}^{14}\ \Phi_{55}\ \Phi_{22}^{14}\ \Phi_{11}\ \Phi_{10}^{14}\ \Phi_{5}\ \Phi_{2}^{14}\ \Phi_{1}^{2}$
37955	826	810	$\frac{8}{405}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{397}{810}$	$\Phi_{810}^{2}\ \Phi_{270}^{2}\ \Phi_{162}^{2}\ \Phi_{90}^{2}\ \Phi_{54}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37956	826	810	$\frac{8}{405}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{397}{810}$	$\Phi_{810}^{2}\ \Phi_{270}^{2}\ \Phi_{162}^{2}\ \Phi_{90}^{2}\ \Phi_{54}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
37957	826	1380	$\frac{1}{46}$	$\frac{47}{460}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{138}\ \Phi_{69}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
37958	826	792	$\frac{1}{33}$	$\frac{17}{396}$	$\frac{379}{792}$	$\frac{16}{33}$	$\Phi_{792}^{2}\ \Phi_{264}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{2}\ \Phi_{33}\ \Phi_{24}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
37959	826	594	$\frac{1}{33}$	$\frac{17}{198}$	$\frac{181}{594}$	$\frac{16}{33}$	$\Phi_{594}^{2}\ \Phi_{297}^{2}\ \Phi_{54}^{2}\ \Phi_{33}\ \Phi_{27}^{2}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}^{2}$
37960	826	66	$\frac{1}{33}$	$\frac{7}{66}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{66}^{12}\ \Phi_{33}^{13}\ \Phi_{22}^{12}\ \Phi_{11}^{13}\ \Phi_{6}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
37961	826	528	$\frac{1}{33}$	$\frac{17}{132}$	$\frac{115}{528}$	$\frac{16}{33}$	$\Phi_{528}^{2}\ \Phi_{264}^{2}\ \Phi_{176}^{2}\ \Phi_{88}^{2}\ \Phi_{48}^{2}\ \Phi_{33}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
37962	826	495	$\frac{1}{33}$	$\frac{82}{495}$	$\frac{17}{99}$	$\frac{16}{33}$	$\Phi_{495}^{2}\ \Phi_{165}^{2}\ \Phi_{55}^{2}\ \Phi_{45}^{2}\ \Phi_{33}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
37963	826	800	$\frac{13}{400}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{387}{800}$	$\Phi_{800}^{2}\ \Phi_{160}^{2}\ \Phi_{32}^{2}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
37964	826	570	$\frac{2}{57}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{570}^3\,\Phi_{190}^3\,\Phi_{114}^2\,\Phi_{38}^2\,\Phi_{30}^3\,\Phi_{15}^2\,\Phi_{10}^3\,\Phi_6^2\,\Phi_5^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
37965	826	600	$\frac{1}{25}$	$\frac{13}{200}$	$\frac{187}{600}$	$\frac{12}{25}$	$\Phi_{600}^2\,\Phi_{300}^2\,\Phi_{150}^2\,\Phi_{120}^2\,\Phi_{75}^2\,\Phi_{60}^2\,\Phi_{30}^2\,\Phi_{25}\,\Phi_{24}^2\,\Phi_{15}^2\,\Phi_{12}^2\,\Phi_6^2\,\Phi_5\,\Phi_3^2\,\Phi_1^2$
37966	826	450	$\frac{1}{25}$	$\frac{37}{450}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{450}^2\,\Phi_{225}^2\,\Phi_{150}^2\,\Phi_{90}^2\,\Phi_{75}^2\,\Phi_{45}^2\,\Phi_{30}^2\,\Phi_{25}\,\Phi_{18}^2\,\Phi_{15}^2\,\Phi_9^2\,\Phi_6^2\,\Phi_5\,\Phi_3^2\,\Phi_1^2$
37967	826	500	$\frac{1}{25}$	$\frac{13}{100}$	$\frac{87}{500}$	$\frac{12}{25}$	$\Phi_{500}^2\,\Phi_{250}^2\,\Phi_{125}^2\,\Phi_{25}\,\Phi_5\,\Phi_1^2$
37968	826	792	$\frac{17}{396}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{379}{792}$	$\Phi_{792}^2\,\Phi_{264}^2\,\Phi_{88}^2\,\Phi_{72}^2\,\Phi_{24}^2\,\Phi_{18}^2\,\Phi_9^2\,\Phi_8^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
37969	826	792	$\frac{17}{396}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{379}{792}$	$\Phi_{792}^2\,\Phi_{264}^2\,\Phi_{88}^2\,\Phi_{72}^2\,\Phi_{24}^2\,\Phi_{22}^2\,\Phi_{11}\,\Phi_8^2\,\Phi_2^2\,\Phi_1^2$
37970	826	240	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{240}^5\,\Phi_{80}^4\,\Phi_{60}^5\,\Phi_{48}^5\,\Phi_{30}^5\,\Phi_{20}^4\,\Phi_{16}^4\,\Phi_{15}^4\,\Phi_{12}^5\,\Phi_{10}^4\,\Phi_6^5\,\Phi_5^3\,\Phi_4^4\,\Phi_3^4\,\Phi_2^4\,\Phi_1^4$
37971	826	1680	$\frac{3}{56}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{1680}\,\Phi_{560}\,\Phi_{336}\,\Phi_{240}\,\Phi_{80}\,\Phi_{60}\,\Phi_{48}\,\Phi_{30}\,\Phi_{20}\,\Phi_{12}\,\Phi_{10}\,\Phi_6$
37972	826	112	$\frac{3}{56}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{53}{112}$	$\Phi_{112}^{14}\,\Phi_{56}\,\Phi_{28}\,\Phi_{16}^{14}\,\Phi_{14}$
37973	826	432	$\frac{19}{432}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{432}^2\,\Phi_{216}^2\,\Phi_{144}^2\,\Phi_{108}^2\,\Phi_{72}^2\,\Phi_{54}^2\,\Phi_{48}^2\,\Phi_{27}^2\,\Phi_{24}^2\,\Phi_{18}^2\,\Phi_{16}^2\,\Phi_9^2\,\Phi_8^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
37974	826	2346	$\frac{1}{23}$	$\frac{22}{391}$	$\frac{1}{3}$	$\frac{369}{782}$	$\Phi_{2346}\,\Phi_{138}\,\Phi_{102}\,\Phi_{69}\,\Phi_6$
37975	826	136	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{9}{68}$	$\frac{8}{17}$	$\Phi_{136}^7\,\Phi_{68}^5\,\Phi_{34}^5\,\Phi_{17}^6\,\Phi_8^6\,\Phi_4^4\,\Phi_2^4\,\Phi_1^6$
37976	826	780	$\frac{23}{390}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{367}{780}$	$\Phi_{780}^2\,\Phi_{260}^2\,\Phi_{156}^2\,\Phi_{60}^2\,\Phi_{52}^2\,\Phi_{30}^2\,\Phi_{20}^2\,\Phi_{15}\,\Phi_{12}^2\,\Phi_{10}^2\,\Phi_6^2\,\Phi_5\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
37977	826	540	$\frac{8}{135}$	$\frac{1}{15}$	$\frac{127}{540}$	$\frac{7}{15}$	$\Phi_{540}^2\,\Phi_{270}^2\,\Phi_{180}^2\,\Phi_{108}^2\,\Phi_{90}^2\,\Phi_{60}^2\,\Phi_{54}^2\,\Phi_{36}^2\,\Phi_{30}^2\,\Phi_{20}^2\,\Phi_{18}^2\,\Phi_{15}\,\Phi_{12}^2\,\Phi_{10}^2\,\Phi_6^2\,\Phi_5\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
37978	826	450	$\frac{1}{15}$	$\frac{37}{450}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{450}^2\,\Phi_{225}^2\,\Phi_{150}^2\,\Phi_{90}^2\,\Phi_{75}^2\,\Phi_{50}^2\,\Phi_{30}^2\,\Phi_{25}^2\,\Phi_{18}^2\,\Phi_{15}\,\Phi_{10}^2\,\Phi_6^2\,\Phi_5\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
37979	826	110	$\frac{3}{55}$	$\frac{4}{55}$	$\frac{13}{55}$	$\frac{51}{110}$	$\Phi_{110}^{14}\,\Phi_{55}\,\Phi_{22}^{14}\,\Phi_{11}\,\Phi_{10}^{14}\,\Phi_5\,\Phi_2^{14}\,\Phi_1^2$
37980	826	330	$\frac{1}{15}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{330}^5\,\Phi_{110}^4\,\Phi_{66}^5\,\Phi_{30}^5\,\Phi_{22}^4\,\Phi_{15}^4\,\Phi_{10}^4\,\Phi_6^5\,\Phi_5^3\,\Phi_3^4\,\Phi_2^4\,\Phi_1^4$
37981	826	1131	$\frac{1}{29}$	$\frac{1}{13}$	$\frac{28}{87}$	$\frac{6}{13}$	$\Phi_{1131}\,\Phi_{87}^2\,\Phi_{39}\,\Phi_{13}\,\Phi_3^2\,\Phi_1^2$
37982	826	360	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{360}^3\,\Phi_{180}^3\,\Phi_{90}^3\,\Phi_{72}^2\,\Phi_{60}^3\,\Phi_{45}^3\,\Phi_{36}^2\,\Phi_{30}^3\,\Phi_{20}^3\,\Phi_{18}^2\,\Phi_{15}^2\,\Phi_{12}^2\,\Phi_{10}^3\,\Phi_9^2\,\Phi_6^2\,\Phi_5^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
37983	826	759	$\frac{2}{69}$	$\frac{67}{759}$	$\frac{1}{3}$	$\frac{346}{759}$	$\Phi_{759}\,\Phi_{253}\,\Phi_{69}^2\,\Phi_{33}\,\Phi_{23}^2\,\Phi_{11}\,\Phi_3\,\Phi_1^2$
37984	826	540	$\frac{1}{15}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{540}^3\,\Phi_{180}^3\,\Phi_{108}^2\,\Phi_{60}^3\,\Phi_{36}^2\,\Phi_{30}^3\,\Phi_{20}^3\,\Phi_{15}^2\,\Phi_{12}^2\,\Phi_{10}^3\,\Phi_6^2\,\Phi_5^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
37985	826	480	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{67}{480}$	$\frac{53}{120}$	$\Phi_{480}^2\,\Phi_{240}^2\,\Phi_{160}^2\,\Phi_{96}^2\,\Phi_{80}^2\,\Phi_{60}^2\,\Phi_{48}^2\,\Phi_{32}^2\,\Phi_{30}^2\,\Phi_{20}^2\,\Phi_{16}^2\,\Phi_{15}\,\Phi_{12}^2\,\Phi_{10}^2\,\Phi_6^2\,\Phi_5\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
37986	826	2208	$\frac{1}{46}$	$\frac{45}{368}$	$\frac{1}{3}$	$\frac{323}{736}$	$\Phi_{2208}\,\Phi_{138}\,\Phi_{96}\,\Phi_{69}\,\Phi_6$
37987	826	105	$\frac{1}{15}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{46}{105}$	$\Phi_{105}^7\,\Phi_{35}^7\,\Phi_{21}^7\,\Phi_{15}^{13}\,\Phi_7^7\,\Phi_5^{13}\,\Phi_3^{13}\,\Phi_1^{14}$
37988	826	504	$\frac{4}{63}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{504}^2\,\Phi_{252}^2\,\Phi_{168}^2\,\Phi_{126}^2\,\Phi_{84}^2\,\Phi_{72}^2\,\Phi_{56}\,\Phi_{42}^2\,\Phi_{36}^2\,\Phi_{28}\,\Phi_{24}^2\,\Phi_{18}^2\,\Phi_{14}\,\Phi_{12}^2\,\Phi_6^2$
37989	826	720	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{53}{360}$	$\frac{307}{720}$	$\Phi_{720}^2\,\Phi_{240}^2\,\Phi_{144}^2\,\Phi_{80}^2\,\Phi_{60}^2\,\Phi_{48}^2\,\Phi_{30}^2\,\Phi_{20}^2\,\Phi_{16}^2\,\Phi_{15}\,\Phi_{12}^2\,\Phi_{10}^2\,\Phi_6^2\,\Phi_5\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
37990	826	408	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{8}{51}$	$\frac{43}{102}$	$\Phi_{408}^2\,\Phi_{204}^2\,\Phi_{136}^3\,\Phi_{68}^3\,\Phi_{51}^2\,\Phi_{34}\,\Phi_{24}^2\,\Phi_{17}^2\,\Phi_{12}^2\,\Phi_8^2\,\Phi_4^2\,\Phi_3^2\,\Phi_1^2$
37991	826	60	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{60}^{14}\,\Phi_{30}^{14}\,\Phi_{20}^{14}\,\Phi_{15}^{14}\,\Phi_{12}^{12}\,\Phi_{10}^{14}\,\Phi_6^{14}\,\Phi_5^{14}\,\Phi_4^{12}\,\Phi_3^{13}\,\Phi_2^{14}\,\Phi_1^{14}$
37992	826	156	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{19}{78}$	$\frac{5}{12}$	$\Phi_{156}^9\,\Phi_{78}^2\,\Phi_{52}^9\,\Phi_{39}\,\Phi_{26}^2\,\Phi_{13}\,\Phi_{12}^{10}\,\Phi_6^2\,\Phi_4^{10}\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
37993	826	252	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{252}^6\,\Phi_{84}^6\,\Phi_{63}^2\,\Phi_{36}^3\,\Phi_{28}^6\,\Phi_{21}^2\,\Phi_{12}^4\,\Phi_9\,\Phi_7^2\,\Phi_4^4\,\Phi_3\,\Phi_1^2$
37994	826	780	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{780}^2\,\Phi_{260}^2\,\Phi_{156}\,\Phi_{65}^2\,\Phi_{60}^2\,\Phi_{52}\,\Phi_{20}^2\,\Phi_{13}\,\Phi_{12}^2\,\Phi_5^2\,\Phi_4^2\,\Phi_1^2$
37995	826	300	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{300}^5\,\Phi_{100}^4\,\Phi_{60}^5\,\Phi_{30}^5\,\Phi_{20}^4\,\Phi_{15}^4\,\Phi_{12}^5\,\Phi_{10}^4\,\Phi_6^5\,\Phi_5^3\,\Phi_4^4\,\Phi_3^4\,\Phi_2^4\,\Phi_1^4$
37996	826	690	$\frac{1}{69}$	$\frac{68}{345}$	$\frac{1}{3}$	$\frac{277}{690}$	$\Phi_{690}^2\,\Phi_{230}^2\,\Phi_{138}^2\,\Phi_{69}^2\,\Phi_{46}^2\,\Phi_{30}^2\,\Phi_{23}^2\,\Phi_{10}^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
37997	826	615	$\frac{3}{205}$	$\frac{1}{5}$	$\frac{202}{615}$	$\frac{2}{5}$	$\Phi_{615}^2\ \Phi_{123}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
37998	826	60	$\frac{1}{60}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{60}^{14}\ \Phi_{30}^{14}\ \Phi_{20}^{14}\ \Phi_{15}^{14}\ \Phi_{12}^{14}\ \Phi_{10}^{12}\ \Phi_6^{14}\ \Phi_5^{13}\ \Phi_4^{14}\ \Phi_3^{14}\ \Phi_2^{12}\ \Phi_1^{14}$
37999	826	675	$\frac{1}{75}$	$\frac{151}{675}$	$\frac{74}{225}$	$\frac{262}{675}$	$\Phi_{675}\ \Phi_{225}^2\ \Phi_{135}\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
38000	826	440	$\frac{27}{440}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{440}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{55}^2\ \Phi_{40}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
38001	826	480	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{480}^3\ \Phi_{160}^3\ \Phi_{96}^2\ \Phi_{60}^3\ \Phi_{32}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38002	826	600	$\frac{1}{75}$	$\frac{37}{150}$	$\frac{187}{600}$	$\frac{113}{300}$	$\Phi_{600}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38003	826	960	$\frac{1}{15}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
38004	826	660	$\frac{1}{55}$	$\frac{27}{110}$	$\frac{83}{330}$	$\frac{247}{660}$	$\Phi_{660}^2\ \Phi_{220}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
38005	826	90	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{90}^{14}\ \Phi_{30}^{14}\ \Phi_{18}^{14}\ \Phi_{15}^{13}\ \Phi_{10}^{14}\ \Phi_6^{14}\ \Phi_5^{13}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
38006	826	627	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{199}{627}$	$\frac{214}{627}$	$\Phi_{627}\ \Phi_{209}^2\ \Phi_{57}\ \Phi_{33}\ \Phi_{19}^2\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
38007	826	621	$\frac{2}{207}$	$\frac{205}{621}$	$\frac{1}{3}$	$\frac{208}{621}$	$\Phi_{621}\ \Phi_{207}^2\ \Phi_{69}^2\ \Phi_{27}\ \Phi_{23}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
38008	826	180	$\frac{1}{60}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^2\ \Phi_{45}^6\ \Phi_{36}^6\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^6\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^4\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38009	826	612	$\frac{5}{204}$	$\frac{1}{6}$	$\frac{199}{612}$	$\frac{1}{3}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38010	826	696	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{28}{87}$	$\frac{1}{3}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{232}^2\ \Phi_{174}\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
38011	826	594	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{181}{594}$	$\frac{1}{3}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38012	826	432	$\frac{19}{432}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38013	826	552	$\frac{1}{46}$	$\frac{45}{184}$	$\frac{139}{552}$	$\frac{1}{3}$	$\Phi_{552}\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{24}\ \Phi_{23}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38014	826	234	$\frac{1}{39}$	$\frac{2}{9}$	$\frac{19}{78}$	$\frac{1}{3}$	$\Phi_{234}^6\ \Phi_{117}^3\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{18}^6\ \Phi_{13}\ \Phi_9^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38015	826	540	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{127}{540}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38016	826	468	$\frac{7}{117}$	$\frac{55}{468}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38017	826	63	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{63}^{14}\ \Phi_{21}^{14}\ \Phi_9^8\ \Phi_7^{14}\ \Phi_3^7\ \Phi_1^8$
38018	826	585	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{585}^2\ \Phi_{117}\ \Phi_{65}^2\ \Phi_{45}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_5^2\ \Phi_1^2$
38019	826	432	$\frac{19}{432}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38020	826	510	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{97}{510}$	$\frac{1}{3}$	$\Phi_{510}^2\ \Phi_{255}^2\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38021	826	450	$\frac{37}{450}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38022	826	486	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{486}$	$\frac{1}{3}$	$\Phi_{486}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{54}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38023	826	69	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{10}{69}$	$\frac{1}{3}$	$\Phi_{69}^{11}\ \Phi_{23}^{14}\ \Phi_3^{10}\ \Phi_1^{14}$
38024	826	1224	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{35}{153}$	$\frac{16}{51}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}$
38025	826	594	$\frac{17}{198}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{181}{594}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
38026	826	420	$\frac{1}{15}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38027	826	168	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{25}{84}$	$\Phi_{168}^8\ \Phi_{84}^6\ \Phi_{56}\ \Phi_{42}^6\ \Phi_{28}\ \Phi_{24}^8\ \Phi_{21}^6\ \Phi_{14}\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^6$
38028	826	540	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{127}{540}$	$\frac{53}{180}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
38029	826	360	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{72}^2\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38030	826	66	$\frac{1}{11}$	$\frac{7}{66}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{66}^{12}\ \Phi_{33}^{12}\ \Phi_{22}^{14}\ \Phi_{11}^{13}\ \Phi_6^{12}\ \Phi_3^{12}\ \Phi_2^{14}\ \Phi_1^{14}$
38031	826	528	$\frac{1}{11}$	$\frac{17}{132}$	$\frac{115}{528}$	$\frac{5}{22}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
38032	826	280	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{3}{14}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^2\ \Phi_{56}\ \Phi_{40}^4\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^4\ \Phi_{14}\ \Phi_{10}^2\ \Phi_5^2$
38033	827	1416	$\frac{1}{118}$	$\frac{119}{708}$	$\frac{589}{1416}$	$\frac{117}{236}$	$\Phi_{1416}\ \Phi_{472}\ \Phi_{236}\ \Phi_{24}\ \Phi_8\ \Phi_4\ \Phi_1$
38034	827	1624	$\frac{15}{812}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{797}{1624}$	$\Phi_{1624}\ \Phi_{232}\ \Phi_{56}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
38035	827	1596	$\frac{29}{798}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{769}{1596}$	$\Phi_{1596}\ \Phi_{532}\ \Phi_{228}\ \Phi_{84}\ \Phi_{76}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
38036	827	1120	$\frac{13}{280}$	$\frac{1}{14}$	$\frac{293}{1120}$	$\frac{267}{560}$	$\Phi_{1120}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
38037	827	952	$\frac{6}{119}$	$\frac{125}{952}$	$\frac{1}{7}$	$\frac{113}{238}$	$\Phi_{952}\ \Phi_{476}\ \Phi_{136}\ \Phi_{119}\ \Phi_{68}\ \Phi_{56}\ \Phi_{28}\ \Phi_{17}\ \Phi_8\ \Phi_4\ \Phi_1$
38038	827	1568	$\frac{43}{784}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{741}{1568}$	$\Phi_{1568}\ \Phi_{224}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
38039	827	1568	$\frac{43}{784}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{741}{1568}$	$\Phi_{1568}\ \Phi_{224}\ \Phi_{49}\ \Phi_{32}\ \Phi_1$
38040	827	1540	$\frac{1}{14}$	$\frac{57}{770}$	$\frac{13}{70}$	$\frac{713}{1540}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}\ \Phi_{70}\ \Phi_{44}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
38041	827	1008	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{181}{1008}$	$\frac{155}{336}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
38042	827	1512	$\frac{1}{14}$	$\frac{71}{756}$	$\frac{13}{84}$	$\frac{685}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{168}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
38043	827	882	$\frac{55}{882}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{882}\ \Phi_{441}\ \Phi_{294}\ \Phi_{147}\ \Phi_{126}\ \Phi_{63}\ \Phi_{49}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
38044	827	1428	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{113}{714}$	$\frac{601}{1428}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{204}\ \Phi_{119}\ \Phi_{84}\ \Phi_{68}\ \Phi_{28}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
38045	827	1416	$\frac{1}{59}$	$\frac{119}{708}$	$\frac{58}{177}$	$\frac{589}{1416}$	$\Phi_{1416}\ \Phi_{472}\ \Phi_{177}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
38046	827	1400	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{127}{700}$	$\frac{573}{1400}$	$\Phi_{1400}\ \Phi_{280}\ \Phi_{200}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
38047	827	1180	$\frac{1}{59}$	$\frac{58}{295}$	$\frac{353}{1180}$	$\frac{237}{590}$	$\Phi_{1180}\ \Phi_{295}\ \Phi_{236}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
38048	827	1344	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{155}{672}$	$\frac{517}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{168}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
38049	827	896	$\frac{1}{14}$	$\frac{69}{896}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
38050	827	1260	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{197}{630}$	$\frac{433}{1260}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
38051	827	1062	$\frac{1}{59}$	$\frac{235}{1062}$	$\frac{58}{177}$	$\frac{119}{354}$	$\Phi_{1062}\ \Phi_{531}\ \Phi_{177}\ \Phi_{18}\ \Phi_9\ \Phi_3\ \Phi_1$
38052	827	1071	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{244}{1071}$	$\frac{113}{357}$	$\Phi_{1071}\ \Phi_{153}\ \Phi_{119}\ \Phi_{63}\ \Phi_{17}\ \Phi_9\ \Phi_1$
38053	827	1176	$\frac{1}{14}$	$\frac{43}{392}$	$\frac{13}{56}$	$\frac{349}{1176}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
38054	827	1176	$\frac{43}{392}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{349}{1176}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{84}\ \Phi_{49}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
38055	827	1008	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{181}{1008}$	$\frac{71}{252}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
38056	827	980	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{153}{980}$	$\frac{43}{196}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{140}\ \Phi_{70}\ \Phi_{49}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
38057	828	1236	$\frac{1}{206}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{205}{412}$	$\Phi_{1236}\ \Phi_{412}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
38058	828	685	$\frac{1}{137}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{68}{137}$	$\Phi_{685}\ \Phi_{137}^2\ \Phi_5^2\ \Phi_1^4$
38059	828	1644	$\frac{1}{137}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{68}{137}$	$\Phi_{1644}\ \Phi_{822}\ \Phi_{12}^2\ \Phi_6^2$
38060	828	827	$\frac{7}{827}$	$\frac{139}{827}$	$\frac{344}{827}$	$\frac{410}{827}$	$\Phi_{827}\ \Phi_1^2$
38061	828	1230	$\frac{2}{205}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{203}{410}$	$\Phi_{1230}^2\ \Phi_{246}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
38062	828	1108	$\frac{3}{277}$	$\frac{1}{4}$	$\frac{70}{277}$	$\frac{137}{277}$	$\Phi_{1108}\ \Phi_{554}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
38063	828	827	$\frac{9}{827}$	$\frac{206}{827}$	$\frac{209}{827}$	$\frac{409}{827}$	$\Phi_{827}\ \Phi_1^2$
38064	828	1456	$\frac{1}{91}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{45}{91}$	$\Phi_{1456}\ \Phi_{208}\ \Phi_{112}\ \Phi_{91}\ \Phi_{16}^2\ \Phi_{13}\ \Phi_7\ \Phi_1^2$
38065	828	364	$\frac{1}{91}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{45}{91}$	$\Phi_{364}^2\ \Phi_{182}^2\ \Phi_{91}^3\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^3\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
38066	828	249	$\frac{1}{83}$	$\frac{14}{83}$	$\frac{1}{3}$	$\frac{41}{83}$	$\Phi_{249}^5\ \Phi_3^4$
38067	828	1496	$\frac{1}{68}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{67}{136}$	$\Phi_{1496}\ \Phi_{136}^2\ \Phi_{88}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
38068	828	2856	$\frac{1}{68}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{67}{136}$	$\Phi_{2856}\ \Phi_{168}\ \Phi_{21}$
38069	828	1496	$\frac{1}{68}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{67}{136}$	$\Phi_{1496}\ \Phi_{136}^2\ \Phi_{88}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
38070	828	680	$\frac{1}{68}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{67}{136}$	$\Phi_{680}^3\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
38071	828	827	$\frac{13}{827}$	$\frac{140}{827}$	$\frac{229}{827}$	$\frac{407}{827}$	$\Phi_{827}\ \Phi_1^2$
38072	828	1108	$\frac{5}{277}$	$\frac{47}{277}$	$\frac{1}{4}$	$\frac{136}{277}$	$\Phi_{1108}\ \Phi_{554}$
38073	828	765	$\frac{1}{45}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{22}{45}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}^2\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
38074	828	90	$\frac{1}{45}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{90}^{10}\ \Phi_{45}^8\ \Phi_{30}^{11}\ \Phi_{18}^{10}\ \Phi_{15}^9\ \Phi_{10}^{10}\ \Phi_9^8\ \Phi_6^{11}\ \Phi_5^8\ \Phi_3^8\ \Phi_2^{10}\ \Phi_1^8$
38075	828	765	$\frac{1}{45}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{22}{45}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}^2\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
38076	828	1260	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{22}{45}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
38077	828	827	$\frac{19}{827}$	$\frac{47}{827}$	$\frac{390}{827}$	$\frac{404}{827}$	$\Phi_{827}\ \Phi_1^2$
38078	828	1540	$\frac{1}{35}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{17}{35}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}\ \Phi_{44}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
38079	828	1155	$\frac{1}{35}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{17}{35}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{35}\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
38080	828	827	$\frac{25}{827}$	$\frac{71}{827}$	$\frac{252}{827}$	$\frac{401}{827}$	$\Phi_{827}\ \Phi_1^2$
38081	828	310	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{310}^3\ \Phi_{155}^3\ \Phi_{62}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2$
38082	828	400	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{193}{400}$	$\Phi_{400}^4\ \Phi_{80}^4\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{10}$
38083	828	973	$\frac{5}{139}$	$\frac{1}{7}$	$\frac{24}{139}$	$\frac{67}{139}$	Φ_{973}
38084	828	827	$\frac{31}{827}$	$\frac{114}{827}$	$\frac{143}{827}$	$\frac{398}{827}$	$\Phi_{827}\ \Phi_1^2$
38085	828	1108	$\frac{11}{277}$	$\frac{24}{277}$	$\frac{1}{4}$	$\frac{133}{277}$	$\Phi_{1108}\ \Phi_{554}$
38086	828	827	$\frac{33}{827}$	$\frac{68}{827}$	$\frac{215}{827}$	$\frac{397}{827}$	$\Phi_{827}\ \Phi_1^2$
38087	828	1245	$\frac{17}{415}$	$\frac{24}{415}$	$\frac{1}{3}$	$\frac{199}{415}$	$\Phi_{1245}\ \Phi_{249}\ \Phi_{15}$
38088	828	2508	$\frac{1}{22}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{2508}\ \Phi_{228}\ \Phi_{57}$
38089	828	1540	$\frac{1}{22}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{21}{44}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}\ \Phi_{44}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
38090	828	572	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{572}\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{52}^2\ \Phi_{26}^3\ \Phi_{13}^2$
38091	828	1540	$\frac{1}{22}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{21}{44}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}\ \Phi_{44}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
38092	828	220	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{220}^7\ \Phi_{44}^8\ \Phi_{20}^7\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^8\ \Phi_2^4\ \Phi_1^4$
38093	828	308	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{21}{44}$	$\Phi_{308}^5\ \Phi_{44}^6\ \Phi_{28}^5\ \Phi_7^5\ \Phi_4^6\ \Phi_1^6$
38094	828	408	$\frac{1}{24}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{24}^4\ \Phi_{17}^2\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
38095	828	510	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{8}{17}$	$\Phi_{510}^2\ \Phi_{255}\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{30}^4\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
38096	828	425	$\frac{1}{17}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{425}^2\ \Phi_{85}\ \Phi_{25}^4\ \Phi_{17}^2\ \Phi_5^2\ \Phi_1^4$
38097	828	459	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{8}{17}$	$\Phi_{459}^2\ \Phi_{153}\ \Phi_{51}\ \Phi_{27}^4\ \Phi_{17}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
38098	828	130	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{130}^{12}\ \Phi_{65}\ \Phi_{26}^{12}\ \Phi_{10}^{12}\ \Phi_2^{12}$
38099	828	1120	$\frac{1}{16}$	$\frac{17}{224}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
38100	828	364	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{364}^2\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{52}^2\ \Phi_{26}^3\ \Phi_{13}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
38101	828	640	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{1}{5}$	$\frac{59}{128}$	$\Phi_{640}^3\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
38102	828	888	$\frac{1}{24}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{888}\ \Phi_{444}\ \Phi_{296}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}$
38103	828	374	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{11}{34}$	$\frac{5}{11}$	$\Phi_{374}^2\ \Phi_{187}^2\ \Phi_{34}^4\ \Phi_{22}^2\ \Phi_{17}^4\ \Phi_{11}^3\ \Phi_2^4\ \Phi_1^6$
38104	828	264	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{264}^3\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{66}^3\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{24}^6\ \Phi_{22}^2\ \Phi_{12}^6\ \Phi_{11}^3\ \Phi_8^6\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
38105	828	935	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{16}{85}$	$\frac{5}{11}$	$\Phi_{935}\ \Phi_{85}^2\ \Phi_{55}\ \Phi_{11}\ \Phi_5^2\ \Phi_1^2$
38106	828	1554	$\frac{1}{37}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1554}\ \Phi_{518}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
38107	828	546	$\frac{1}{13}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{546}^3\ \Phi_{182}^3\ \Phi_{91}\ \Phi_{78}^3\ \Phi_{26}^3$
38108	828	1040	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{26}$
38109	828	827	$\frac{26}{827}$	$\frac{89}{827}$	$\frac{229}{827}$	$\frac{369}{827}$	$\Phi_{827}\ \Phi_1^2$
38110	828	249	$\frac{2}{83}$	$\frac{9}{83}$	$\frac{1}{3}$	$\frac{37}{83}$	$\Phi_{249}^5\ \Phi_3^4$
38111	828	827	$\frac{20}{827}$	$\frac{93}{827}$	$\frac{269}{827}$	$\frac{367}{827}$	$\Phi_{827}\ \Phi_1^2$
38112	828	2256	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2256}\ \Phi_{141}$
38113	828	1184	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1184}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}$
38114	828	1456	$\frac{3}{91}$	$\frac{1}{8}$	$\frac{22}{91}$	$\frac{7}{16}$	$\Phi_{1456}\ \Phi_{208}\ \Phi_{112}\ \Phi_{91}\ \Phi_{16}^2\ \Phi_{13}\ \Phi_7\ \Phi_1^2$
38115	828	240	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{240}^8\ \Phi_{120}\ \Phi_{80}^7\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
38116	828	784	$\frac{3}{49}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{784}^2\ \Phi_{112}\ \Phi_{49}^2\ \Phi_{16}^2\ \Phi_7\ \Phi_1^2$
38117	828	208	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{208}^7\ \Phi_{26}^4\ \Phi_{16}^8\ \Phi_{13}^3\ \Phi_2^4\ \Phi_1^4$
38118	828	888	$\frac{1}{24}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{888}\ \Phi_{444}\ \Phi_{296}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}$
38119	828	1820	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{1}{5}$	$\frac{157}{364}$	$\Phi_{1820}\ \Phi_{260}\ \Phi_{140}\ \Phi_{130}\ \Phi_{65}\ \Phi_{20}\ \Phi_{10}$
38120	828	1480	$\frac{1}{37}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1480}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}$
38121	828	520	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{520}^3\ \Phi_{130}\ \Phi_{104}^3\ \Phi_{65}\ \Phi_{26}$
38122	828	827	$\frac{29}{827}$	$\frac{133}{827}$	$\frac{160}{827}$	$\frac{347}{827}$	$\Phi_{827}\ \Phi_1^2$
38123	828	1108	$\frac{7}{277}$	$\frac{45}{277}$	$\frac{1}{4}$	$\frac{116}{277}$	$\Phi_{1108}\ \Phi_{554}$
38124	828	210	$\frac{1}{70}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{42}^6\ \Phi_{30}^6\ \Phi_{21}^6\ \Phi_{15}^5\ \Phi_6^6\ \Phi_3^4$
38125	828	685	$\frac{2}{137}$	$\frac{1}{5}$	$\frac{45}{137}$	$\frac{2}{5}$	$\Phi_{685}\ \Phi_{137}^2\ \Phi_5^2\ \Phi_1^4$
38126	828	940	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{940}\ \Phi_{470}\ \Phi_{188}^2\ \Phi_{94}^2$
38127	828	685	$\frac{5}{137}$	$\frac{22}{137}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{685}\ \Phi_{137}^2\ \Phi_5^2\ \Phi_1^4$
38128	828	840	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2$
38129	828	827	$\frac{11}{827}$	$\frac{185}{827}$	$\frac{272}{827}$	$\frac{321}{827}$	$\Phi_{827}\ \Phi_1^2$
38130	828	910	$\frac{1}{70}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{910}\ \Phi_{455}\ \Phi_{182}\ \Phi_{130}\ \Phi_{91}\ \Phi_{65}\ \Phi_{26}$
38131	828	1456	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{1456}\ \Phi_{208}\ \Phi_{182}\ \Phi_{91}\ \Phi_{26}$
38132	828	996	$\frac{1}{83}$	$\frac{41}{166}$	$\frac{1}{3}$	$\frac{125}{332}$	$\Phi_{996}^2\ \Phi_{249}\ \Phi_{12}^2$
38133	828	893	$\frac{1}{47}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	Φ_{893}
38134	828	1332	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1332}\ \Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}$
38135	828	827	$\frac{23}{827}$	$\frac{134}{827}$	$\frac{231}{827}$	$\frac{298}{827}$	$\Phi_{827}\ \Phi_1^2$
38136	828	888	$\frac{1}{24}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{888}\ \Phi_{444}\ \Phi_{296}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}$
38137	828	827	$\frac{32}{827}$	$\frac{91}{827}$	$\frac{265}{827}$	$\frac{281}{827}$	$\Phi_{827}\ \Phi_1^2$
38138	828	973	$\frac{4}{139}$	$\frac{1}{7}$	$\frac{45}{139}$	$\frac{47}{139}$	Φ_{973}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
38139	828	520	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{17}{52}$	$\frac{35}{104}$	$\Phi_{520}^3\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
38140	828	827	$\frac{14}{827}$	$\frac{183}{827}$	$\frac{271}{827}$	$\frac{278}{827}$	$\Phi_{827}\ \Phi_1^2$
38141	828	1108	$\frac{4}{277}$	$\frac{1}{4}$	$\frac{91}{277}$	$\frac{93}{277}$	$\Phi_{1108}\ \Phi_{554}$
38142	828	827	$\frac{8}{827}$	$\frac{273}{827}$	$\frac{275}{827}$	$\frac{277}{827}$	$\Phi_{827}\ \Phi_1^2$
38143	828	1245	$\frac{4}{415}$	$\frac{137}{415}$	$\frac{1}{3}$	$\frac{139}{415}$	$\Phi_{1245}\ \Phi_{249}\ \Phi_{15}$
38144	828	309	$\frac{1}{103}$	$\frac{34}{103}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{309}^2\ \Phi_{103}^4\ \Phi_3^3\ \Phi_1^6$
38145	828	420	$\frac{1}{70}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}\ \Phi_{140}^4\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
38146	828	309	$\frac{4}{103}$	$\frac{11}{103}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{309}^2\ \Phi_{103}^4\ \Phi_3^3\ \Phi_1^6$
38147	828	120	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^8\ \Phi_{60}^8\ \Phi_{40}^8\ \Phi_{30}^7\ \Phi_{24}^4\ \Phi_{20}^8\ \Phi_{15}^7\ \Phi_{12}^4\ \Phi_{10}^6\ \Phi_8^4\ \Phi_6^3\ \Phi_5^6\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
38148	828	1644	$\frac{2}{137}$	$\frac{1}{4}$	$\frac{45}{137}$	$\frac{1}{3}$	$\Phi_{1644}\ \Phi_{822}\ \Phi_{12}^2\ \Phi_6^2$
38149	828	1245	$\frac{7}{415}$	$\frac{93}{415}$	$\frac{136}{415}$	$\frac{1}{3}$	$\Phi_{1245}\ \Phi_{249}\ \Phi_{15}$
38150	828	615	$\frac{4}{205}$	$\frac{1}{5}$	$\frac{67}{205}$	$\frac{1}{3}$	$\Phi_{615}^2\ \Phi_{123}^2\ \Phi_{15}^3\ \Phi_3^2$
38151	828	714	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{11}{34}$	$\frac{1}{3}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{42}^2\ \Phi_{21}^3$
38152	828	1245	$\frac{16}{415}$	$\frac{47}{415}$	$\frac{133}{415}$	$\frac{1}{3}$	$\Phi_{1245}\ \Phi_{249}\ \Phi_{15}$
38153	828	270	$\frac{2}{45}$	$\frac{1}{10}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{270}^5\ \Phi_{135}^4\ \Phi_{54}^5\ \Phi_{30}\ \Phi_{27}^4\ \Phi_{15}\ \Phi_6$
38154	828	627	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{627}\ \Phi_{209}^2\ \Phi_{57}^2\ \Phi_{19}^2$
38155	828	408	$\frac{1}{24}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{24}^4\ \Phi_{17}^2\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
38156	828	1245	$\frac{13}{415}$	$\frac{67}{415}$	$\frac{116}{415}$	$\frac{1}{3}$	$\Phi_{1245}\ \Phi_{249}\ \Phi_{15}$
38157	828	564	$\frac{1}{47}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{564}^2\ \Phi_{282}^2\ \Phi_{141}^3$
38158	828	1644	$\frac{5}{137}$	$\frac{22}{137}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1644}\ \Phi_{822}\ \Phi_{12}^2\ \Phi_6^2$
38159	828	168	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^6\ \Phi_{84}^5\ \Phi_{56}^6\ \Phi_{42}^5\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_7^6$
38160	828	30	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{30}^{27}\ \Phi_{15}^{29}\ \Phi_{10}^{26}\ \Phi_6^{27}\ \Phi_5^{28}\ \Phi_3^{28}\ \Phi_2^{26}\ \Phi_1^{28}$
38161	828	990	$\frac{7}{99}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_6$
38162	828	150	$\frac{2}{25}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{150}^{10}\ \Phi_{75}^8\ \Phi_{30}^6\ \Phi_{15}^5\ \Phi_6^6\ \Phi_3^4$
38163	828	1785	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{16}{85}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{105}\ \Phi_{21}$
38164	828	249	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{14}{83}$	$\frac{1}{3}$	$\Phi_{249}^5\ \Phi_3^4$
38165	828	270	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}^2\ \Phi_{54}^4\ \Phi_{45}^2\ \Phi_{30}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_2^2$
38166	828	210	$\frac{1}{10}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{210}^5\ \Phi_{105}^4\ \Phi_{70}^5\ \Phi_{42}^5\ \Phi_{35}^4\ \Phi_{30}\ \Phi_{21}^4\ \Phi_{15}\ \Phi_{14}^5\ \Phi_7^4\ \Phi_6$
38167	828	374	$\frac{1}{34}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{11}{34}$	$\Phi_{374}^2\ \Phi_{187}^2\ \Phi_{34}^4\ \Phi_{22}^2\ \Phi_{17}^4\ \Phi_{11}^3\ \Phi_2^4\ \Phi_1^6$
38168	828	340	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{11}{34}$	$\Phi_{340}^4\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{20}^5\ \Phi_{10}^3\ \Phi_5^2$
38169	828	827	$\frac{26}{827}$	$\frac{140}{827}$	$\frac{229}{827}$	$\frac{267}{827}$	$\Phi_{827}\ \Phi_1^2$
38170	828	1040	$\frac{7}{208}$	$\frac{1}{5}$	$\frac{47}{208}$	$\frac{67}{208}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
38171	828	827	$\frac{29}{827}$	$\frac{160}{827}$	$\frac{187}{827}$	$\frac{266}{827}$	$\Phi_{827}\ \Phi_1^2$
38172	828	1108	$\frac{10}{277}$	$\frac{47}{277}$	$\frac{1}{4}$	$\frac{89}{277}$	$\Phi_{1108}\ \Phi_{554}$
38173	828	1155	$\frac{2}{35}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{11}{35}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{35}\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
38174	828	80	$\frac{1}{16}$	$\frac{11}{80}$	$\frac{1}{5}$	$\frac{5}{16}$	$\Phi_{80}^{10}\ \Phi_{40}^{10}\ \Phi_{20}^{10}\ \Phi_{16}^{12}\ \Phi_{10}^{10}\ \Phi_8^{12}\ \Phi_5^9\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
38175	828	130	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{130}^9\ \Phi_{65}^7\ \Phi_{10}^9\ \Phi_5^6$
38176	828	1716	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
38177	828	1155	$\frac{3}{35}$	$\frac{1}{11}$	$\frac{8}{35}$	$\frac{10}{33}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{35}\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
38178	828	330	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{330}^4\ \Phi_{165}^3\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
38179	828	231	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{10}{33}$	$\Phi_{231}^5\ \Phi_{33}^6\ \Phi_{21}^5\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
38180	828	390	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{390}^3\ \Phi_{195}^3\ \Phi_{130}\ \Phi_{78}^3\ \Phi_{65}\ \Phi_{39}^3\ \Phi_{26}$
38181	828	510	$\frac{1}{15}$	$\frac{2}{17}$	$\frac{7}{30}$	$\frac{5}{17}$	$\Phi_{510}^2\ \Phi_{255}\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{30}^4\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
38182	828	425	$\frac{2}{25}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{425}^2\ \Phi_{85}\ \Phi_{25}^4\ \Phi_{17}^2\ \Phi_5^2\ \Phi_1^4$
38183	828	459	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{4}{27}$	$\frac{5}{17}$	$\Phi_{459}^2\ \Phi_{153}\ \Phi_{51}\ \Phi_{27}^4\ \Phi_{17}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
38184	828	364	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{364}^3\ \Phi_{182}^3\ \Phi_{91}\ \Phi_{52}^3\ \Phi_{26}^3$
38185	828	160	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{1}{5}$	$\frac{9}{32}$	$\Phi_{160}^6\ \Phi_{80}^7\ \Phi_{40}^7\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_5^6$
38186	828	264	$\frac{1}{24}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{264}^3\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{66}^3\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{24}^6\ \Phi_{22}^2\ \Phi_{12}^6\ \Phi_{11}^3\ \Phi_8^6\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
38187	828	935	$\frac{1}{17}$	$\frac{2}{11}$	$\frac{16}{85}$	$\frac{3}{11}$	$\Phi_{935}\ \Phi_{85}^2\ \Phi_{55}\ \Phi_{11}\ \Phi_5^2\ \Phi_1^2$
38188	828	888	$\frac{1}{24}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{888}\ \Phi_{444}\ \Phi_{296}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}$
38189	828	310	$\frac{3}{31}$	$\frac{1}{10}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{310}^3\ \Phi_{155}^3\ \Phi_{62}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2$
38190	828	827	$\frac{27}{827}$	$\frac{200}{827}$	$\frac{206}{827}$	$\frac{209}{827}$	$\Phi_{827}\ \Phi_1^2$
38191	828	1108	$\frac{9}{277}$	$\frac{67}{277}$	$\frac{1}{4}$	$\frac{70}{277}$	$\Phi_{1108}\ \Phi_{554}$
38192	828	364	$\frac{3}{91}$	$\frac{22}{91}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{364}^2\ \Phi_{182}^2\ \Phi_{91}^3\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^3\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
38193	828	120	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{120}^9\ \Phi_{60}^9\ \Phi_{40}^9\ \Phi_{30}^9\ \Phi_{20}^7\ \Phi_{15}^9\ \Phi_{10}^7\ \Phi_5^6$
38194	828	196	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{196}^4\ \Phi_{98}^4\ \Phi_{49}^6\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
38195	828	52	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{52}^{14}\ \Phi_{26}^{18}\ \Phi_{13}^{17}\ \Phi_4^{16}\ \Phi_2^{20}\ \Phi_1^{20}$
38196	828	1360	$\frac{3}{68}$	$\frac{1}{5}$	$\frac{65}{272}$	$\frac{1}{4}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
38197	828	420	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{7}{30}$	$\frac{1}{4}$	$\Phi_{420}^3\ \Phi_{210}\ \Phi_{140}^3\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2$
38198	828	340	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{340}^3\ \Phi_{170}^3\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_4^4\ \Phi_2^4$
38199	828	700	$\frac{2}{25}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}^2\ \Phi_{14}^2$
38200	828	756	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{27}$	$\frac{1}{4}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
38201	828	1280	$\frac{1}{16}$	$\frac{49}{256}$	$\frac{1}{5}$	$\frac{15}{64}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
38202	828	260	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{5}$	$\frac{53}{260}$	$\Phi_{260}^4\ \Phi_{130}^4\ \Phi_{65}\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_4^4\ \Phi_2^4$
38203	828	80	$\frac{1}{8}$	$\frac{11}{80}$	$\frac{7}{40}$	$\frac{1}{5}$	$\Phi_{80}^{12}\ \Phi_{40}^9\ \Phi_{20}^9\ \Phi_{16}^{12}\ \Phi_{10}^9\ \Phi_8^8\ \Phi_5^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^8$
38204	829	1648	$\frac{5}{824}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{819}{1648}$	$\Phi_{1648}\ \Phi_{16}\ \Phi_8\ \Phi_1$
38205	829	1472	$\frac{1}{92}$	$\frac{93}{736}$	$\frac{643}{1472}$	$\frac{91}{184}$	$\Phi_{1472}\ \Phi_{184}\ \Phi_{64}\ \Phi_8\ \Phi_1$
38206	829	1104	$\frac{1}{92}$	$\frac{275}{1104}$	$\frac{93}{368}$	$\frac{91}{184}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{69}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
38207	829	1632	$\frac{13}{816}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{803}{1632}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
38208	829	1632	$\frac{13}{816}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{803}{1632}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{96}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
38209	829	1620	$\frac{19}{810}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{791}{1620}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{324}\ \Phi_{180}\ \Phi_{108}\ \Phi_{60}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
38210	829	1584	$\frac{1}{36}$	$\frac{37}{792}$	$\frac{755}{1584}$	$\frac{35}{72}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
38211	829	1116	$\frac{8}{279}$	$\frac{1}{9}$	$\frac{287}{1116}$	$\frac{271}{558}$	$\Phi_{1116}\ \Phi_{372}\ \Phi_{279}\ \Phi_{124}\ \Phi_{93}\ \Phi_{36}\ \Phi_{31}\ \Phi_{12}\ \Phi_4\ \Phi_1$
38212	829	1600	$\frac{29}{800}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{771}{1600}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
38213	829	896	$\frac{3}{64}$	$\frac{67}{896}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
38214	829	1560	$\frac{3}{52}$	$\frac{49}{780}$	$\frac{1}{4}$	$\frac{731}{1560}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{120}\ \Phi_{104}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
38215	829	1560	$\frac{49}{780}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{731}{1560}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{120}\ \Phi_{104}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
38216	829	1008	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{179}{1008}$	$\frac{157}{336}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
38217	829	1536	$\frac{3}{64}$	$\frac{61}{768}$	$\frac{1}{4}$	$\frac{707}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
38218	829	1224	$\frac{13}{408}$	$\frac{1}{12}$	$\frac{395}{1224}$	$\frac{11}{24}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
38219	829	864	$\frac{35}{864}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
38220	829	960	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{131}{960}$	$\frac{109}{240}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
38221	829	1512	$\frac{1}{36}$	$\frac{73}{756}$	$\frac{35}{108}$	$\frac{683}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{168}\ \Phi_{108}\ \Phi_{72}\ \Phi_{56}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
38222	829	1512	$\frac{1}{12}$	$\frac{73}{756}$	$\frac{11}{84}$	$\frac{683}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{168}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
38223	829	1152	$\frac{1}{36}$	$\frac{35}{288}$	$\frac{323}{1152}$	$\frac{253}{576}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
38224	829	1456	$\frac{3}{104}$	$\frac{101}{728}$	$\frac{1}{4}$	$\frac{627}{1456}$	$\Phi_{1456}\ \Phi_{208}\ \Phi_{112}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
38225	829	1440	$\frac{1}{36}$	$\frac{109}{720}$	$\frac{35}{144}$	$\frac{611}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
38226	829	1440	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{109}{720}$	$\frac{611}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
38227	829	1344	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{157}{672}$	$\frac{515}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{168}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
38228	829	1296	$\frac{1}{36}$	$\frac{35}{216}$	$\frac{181}{648}$	$\frac{467}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
38229	829	864	$\frac{35}{864}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
38230	829	1248	$\frac{3}{208}$	$\frac{1}{4}$	$\frac{205}{624}$	$\frac{419}{1248}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{96}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
38231	829	960	$\frac{3}{64}$	$\frac{131}{960}$	$\frac{1}{4}$	$\frac{61}{192}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
38232	829	1215	$\frac{19}{405}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{386}{1215}$	$\Phi_{1215}\ \Phi_{243}\ \Phi_{27}\ \Phi_{1}$
38233	829	936	$\frac{3}{52}$	$\frac{107}{936}$	$\frac{1}{4}$	$\frac{49}{156}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{36}\ \Phi_{26}\ \Phi_{24}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
38234	829	1080	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{251}{1080}$	$\frac{109}{360}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
38235	829	891	$\frac{62}{891}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{891}\ \Phi_{297}\ \Phi_{99}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_{1}$
38236	829	1080	$\frac{19}{270}$	$\frac{1}{9}$	$\frac{251}{1080}$	$\frac{8}{27}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
38237	829	972	$\frac{1}{9}$	$\frac{19}{162}$	$\frac{143}{972}$	$\frac{8}{27}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{108}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
38238	829	945	$\frac{1}{9}$	$\frac{116}{945}$	$\frac{19}{135}$	$\frac{8}{27}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{105}\ \Phi_{63}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
38239	829	1008	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{179}{1008}$	$\frac{73}{252}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
38240	829	1152	$\frac{3}{64}$	$\frac{61}{384}$	$\frac{1}{4}$	$\frac{323}{1152}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
38241	829	864	$\frac{35}{864}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
38242	829	1024	$\frac{3}{64}$	$\frac{195}{1024}$	$\frac{61}{256}$	$\frac{1}{4}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
38243	829	1088	$\frac{13}{272}$	$\frac{3}{16}$	$\frac{259}{1088}$	$\frac{1}{4}$	$\Phi_{1088}\ \Phi_{544}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
38244	829	1040	$\frac{3}{52}$	$\frac{49}{260}$	$\frac{211}{1040}$	$\frac{1}{4}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{208}\ \Phi_{104}\ \Phi_{80}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
38245	829	960	$\frac{3}{32}$	$\frac{131}{960}$	$\frac{29}{160}$	$\frac{1}{4}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
38246	830	1320	$\frac{1}{165}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{82}{165}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{165}\ \Phi_{120}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}\ \Phi_{15}\ \Phi_{11}\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
38247	830	2472	$\frac{3}{412}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{409}{824}$	$\Phi_{2472}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
38248	830	1476	$\frac{1}{82}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{81}{164}$	$\Phi_{1476}\ \Phi_{492}\ \Phi_{164}^2\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
38249	830	492	$\frac{1}{82}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{81}{164}$	$\Phi_{492}^3\ \Phi_{164}^4\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38250	830	816	$\frac{7}{408}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{401}{816}$	$\Phi_{816}^2\ \Phi_{272}^2\ \Phi_{48}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
38251	830	1782	$\frac{2}{81}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{1782}\ \Phi_{594}\ \Phi_{198}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
38252	830	2418	$\frac{12}{403}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{391}{806}$	$\Phi_{2418}\ \Phi_{186}\ \Phi_{78}\ \Phi_{39}\ \Phi_6$
38253	830	1344	$\frac{1}{32}$	$\frac{33}{448}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
38254	830	1232	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{1232}\ \Phi_{308}\ \Phi_{176}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}$
38255	830	480	$\frac{3}{80}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{77}{160}$	$\Phi_{480}^5\ \Phi_{96}^5\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
38256	830	1760	$\frac{3}{80}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{44}\ \Phi_{22}$
38257	830	156	$\frac{1}{26}$	$\frac{5}{78}$	$\frac{1}{3}$	$\frac{73}{156}$	$\Phi_{156}^{10}\ \Phi_{78}\ \Phi_{52}^{10}\ \Phi_{39}\ \Phi_{12}^{10}\ \Phi_6\ \Phi_4^{10}$
38258	830	1716	$\frac{5}{78}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{73}{156}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
38259	830	154	$\frac{6}{77}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{71}{154}$	$\Phi_{154}^{10}\ \Phi_{77}\ \Phi_{22}^{10}\ \Phi_{14}^{10}\ \Phi_2^{10}$
38260	830	768	$\frac{1}{32}$	$\frac{31}{384}$	$\frac{1}{3}$	$\frac{353}{768}$	$\Phi_{768}^2\ \Phi_{256}^2\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
38261	830	1056	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{13}{96}$	$\frac{11}{24}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{176}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
38262	830	369	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{40}{123}$	$\frac{4}{9}$	$\Phi_{369}^2\ \Phi_{123}^3\ \Phi_{41}^2\ \Phi_9^3\ \Phi_3^4\ \Phi_1^4$
38263	830	2184	$\frac{1}{52}$	$\frac{51}{364}$	$\frac{1}{3}$	$\frac{313}{728}$	$\Phi_{2184}\ \Phi_{312}\ \Phi_{168}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
38264	830	1584	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{72}$	$\frac{61}{144}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
38265	830	1540	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{70}$	$\frac{57}{140}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}$
38266	830	168	$\frac{1}{84}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{168}^8\ \Phi_{84}^2\ \Phi_{56}^8\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^7\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^8\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38267	830	440	$\frac{1}{55}$	$\frac{27}{110}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^3\ \Phi_{110}^2\ \Phi_{88}^3\ \Phi_{55}\ \Phi_{40}^3\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_8^4\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
38268	830	680	$\frac{2}{85}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{680}^2\ \Phi_{136}^2\ \Phi_{85}^2\ \Phi_{40}\ \Phi_{17}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
38269	830	792	$\frac{1}{33}$	$\frac{16}{99}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}^2\ \Phi_{264}\ \Phi_{99}^2\ \Phi_{88}\ \Phi_{72}^2\ \Phi_{33}\ \Phi_{24}\ \Phi_{11}\ \Phi_9^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
38270	830	88	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{88}^9\ \Phi_{44}^{10}\ \Phi_{22}^{10}\ \Phi_{11}^9\ \Phi_8^{10}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{10}$
38271	830	360	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^4\ \Phi_{120}^3\ \Phi_{90}^2\ \Phi_{72}^4\ \Phi_{45}^2\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^4\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38272	830	1386	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{1386}\ \Phi_{462}\ \Phi_{231}\ \Phi_{198}\ \Phi_{154}\ \Phi_{77}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
38273	830	624	$\frac{1}{104}$	$\frac{103}{312}$	$\frac{1}{3}$	$\frac{209}{624}$	$\Phi_{624}^2\ \Phi_{312}\ \Phi_{208}^2\ \Phi_{156}\ \Phi_{78}\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
38274	830	246	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{40}{123}$	$\frac{1}{3}$	$\Phi_{246}^4\ \Phi_{123}^3\ \Phi_{82}^4\ \Phi_{41}^2\ \Phi_6^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
38275	830	96	$\frac{1}{32}$	$\frac{13}{96}$	$\frac{31}{96}$	$\frac{1}{3}$	$\Phi_{96}^9\ \Phi_{48}^9\ \Phi_{32}^8\ \Phi_{24}^9\ \Phi_{16}^8\ \Phi_{12}^9\ \Phi_8^8\ \Phi_6^9\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
38276	830	468	$\frac{1}{26}$	$\frac{53}{468}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6\ \Phi_4^2$
38277	830	432	$\frac{17}{432}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
38278	830	576	$\frac{1}{32}$	$\frac{31}{192}$	$\frac{161}{576}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}\ \Phi_{72}^2\ \Phi_{48}\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
38279	830	1536	$\frac{1}{32}$	$\frac{97}{512}$	$\frac{31}{128}$	$\frac{1}{3}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
38280	830	1632	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{129}{544}$	$\frac{1}{3}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
38281	830	1188	$\frac{2}{27}$	$\frac{1}{11}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
38282	830	990	$\frac{7}{90}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
38283	830	312	$\frac{1}{26}$	$\frac{5}{26}$	$\frac{21}{104}$	$\frac{1}{3}$	$\Phi_{312}^5\ \Phi_{156}^5\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_6$
38284	830	96	$\frac{1}{16}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{3}$	$\Phi_{96}^{10}\ \Phi_{48}^6\ \Phi_{32}^{10}\ \Phi_{24}^6\ \Phi_{16}^{10}\ \Phi_{12}^6\ \Phi_8^{10}\ \Phi_6^6\ \Phi_4^{10}\ \Phi_3^5\ \Phi_2^{10}\ \Phi_1^{10}$
38285	830	1320	$\frac{3}{40}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
38286	830	1188	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
38287	830	1056	$\frac{1}{11}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
38288	830	1100	$\frac{1}{11}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{44}\ \Phi_{22}$
38289	831	1328	$\frac{1}{166}$	$\frac{167}{664}$	$\frac{497}{1328}$	$\frac{165}{332}$	$\Phi_{1328}\ \Phi_{332}\ \Phi_{16}\ \Phi_4\ \Phi_1$
38290	831	1640	$\frac{11}{820}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{809}{1640}$	$\Phi_{1640}\ \Phi_{328}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
38291	831	540	$\frac{7}{270}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{263}{540}$	$\Phi_{540}^3\ \Phi_{180}^3\ \Phi_{108}^3\ \Phi_{60}^3\ \Phi_{36}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
38292	831	1120	$\frac{9}{280}$	$\frac{1}{10}$	$\frac{289}{1120}$	$\frac{271}{560}$	$\Phi_{1120}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
38293	831	1600	$\frac{31}{800}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{769}{1600}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
38294	831	520	$\frac{17}{260}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{243}{520}$	$\Phi_{520}^3\ \Phi_{104}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
38295	831	320	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{43}{320}$	$\frac{37}{80}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
38296	831	1540	$\frac{61}{770}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{709}{1540}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}\ \Phi_{70}\ \Phi_{44}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
38297	831	480	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{37}{240}$	$\frac{203}{480}$	$\Phi_{480}^3\ \Phi_{160}^3\ \Phi_{96}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
38298	831	1400	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{131}{700}$	$\frac{569}{1400}$	$\Phi_{1400}\ \Phi_{280}\ \Phi_{200}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
38299	831	880	$\frac{49}{880}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
38300	831	420	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{67}{210}$	$\frac{143}{420}$	$\Phi_{420}^3\ \Phi_{140}^3\ \Phi_{84}^3\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
38301	831	415	$\frac{4}{415}$	$\frac{137}{415}$	$\frac{138}{415}$	$\frac{139}{415}$	$\Phi_{415}^2\ \Phi_{83}^2\ \Phi_5^2\ \Phi_1^3$
38302	831	357	$\frac{2}{119}$	$\frac{80}{357}$	$\frac{39}{119}$	$\frac{1}{3}$	$\Phi_{357}^2\ \Phi_{119}^3\ \Phi_{51}^2\ \Phi_{21}^2\ \Phi_{17}^3\ \Phi_7^3\ \Phi_3\ \Phi_1^3$
38303	831	360	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{83}{360}$	$\frac{37}{120}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
38304	831	400	$\frac{31}{400}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{123}{400}$	$\Phi_{400}^2\ \Phi_{200}^2\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{50}^2\ \Phi_{40}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
38305	831	300	$\frac{23}{300}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
38306	831	360	$\frac{7}{90}$	$\frac{1}{10}$	$\frac{83}{360}$	$\frac{3}{10}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
38307	831	320	$\frac{1}{10}$	$\frac{43}{320}$	$\frac{31}{160}$	$\frac{9}{40}$	$\Phi_{320}^3\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
38308	831	1000	$\frac{1}{10}$	$\frac{31}{200}$	$\frac{169}{1000}$	$\frac{9}{40}$	$\Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
38309	832	207	$\frac{1}{207}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{103}{207}$	$\Phi_{207}^4\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
38310	832	831	$\frac{5}{831}$	$\frac{209}{831}$	$\frac{311}{831}$	$\frac{413}{831}$	$\Phi_{831}\ \Phi_{277}\ \Phi_3\ \Phi_1^2$
38311	832	417	$\frac{1}{139}$	$\frac{35}{139}$	$\frac{1}{3}$	$\frac{69}{139}$	$\Phi_{417}^3\ \Phi_3^2$
38312	832	721	$\frac{1}{103}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{51}{103}$	$\Phi_{721}\ \Phi_{103}^2\ \Phi_7^2\ \Phi_1^4$
38313	832	1545	$\frac{1}{103}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{51}{103}$	$\Phi_{1545}\ \Phi_{15}^2$
38314	832	277	$\frac{3}{277}$	$\frac{35}{277}$	$\frac{121}{277}$	$\frac{137}{277}$	$\Phi_{277}^3\ \Phi_1^4$
38315	832	1045	$\frac{3}{209}$	$\frac{1}{5}$	$\frac{53}{209}$	$\frac{103}{209}$	$\Phi_{1045}\ \Phi_{95}\ \Phi_{55}$
38316	832	831	$\frac{13}{831}$	$\frac{155}{831}$	$\frac{211}{831}$	$\frac{409}{831}$	$\Phi_{831}\ \Phi_{277}\ \Phi_3\ \Phi_1^2$
38317	832	504	$\frac{1}{63}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{31}{63}$	$\Phi_{504}^3\ \Phi_{168}^3\ \Phi_{72}^3\ \Phi_{63}\ \Phi_{56}^3\ \Phi_{24}^4\ \Phi_{21}\ \Phi_9\ \Phi_8^4\ \Phi_7\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
38318	832	315	$\frac{1}{63}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{31}{63}$	$\Phi_{315}^3\ \Phi_{105}^3\ \Phi_{63}\ \Phi_{45}^3\ \Phi_{35}^3\ \Phi_{21}\ \Phi_{15}^4\ \Phi_9\ \Phi_7\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
38319	832	126	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{31}{63}$	$\Phi_{126}^6\ \Phi_{63}^7\ \Phi_{42}^6\ \Phi_{21}^7\ \Phi_{18}^7\ \Phi_{14}^6\ \Phi_9^8\ \Phi_7^7\ \Phi_6^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
38320	832	1008	$\frac{1}{63}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{31}{63}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_9\ \Phi_8^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
38321	832	417	$\frac{7}{417}$	$\frac{53}{417}$	$\frac{1}{3}$	$\frac{205}{417}$	$\Phi_{417}^2\ \Phi_{139}^2\ \Phi_3\ \Phi_1^2$
38322	832	255	$\frac{1}{51}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{25}{51}$	$\Phi_{255}^3\ \Phi_{85}^3\ \Phi_{51}^4\ \Phi_{17}^4\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
38323	832	153	$\frac{1}{51}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{153}^6\ \Phi_{51}^4\ \Phi_{17}^4\ \Phi_9^8\ \Phi_3^5\ \Phi_1^6$
38324	832	255	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{25}{51}$	$\Phi_{255}^3\ \Phi_{85}^3\ \Phi_{51}^4\ \Phi_{17}^4\ \Phi_{15}^3\ \Phi_5^6\ \Phi_3^4\ \Phi_1^8$
38325	832	831	$\frac{17}{831}$	$\frac{53}{831}$	$\frac{389}{831}$	$\frac{407}{831}$	$\Phi_{831}\ \Phi_{277}\ \Phi_3\ \Phi_1^2$
38326	832	315	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{9}{35}$	$\frac{17}{35}$	$\Phi_{315}^3\ \Phi_{105}^3\ \Phi_{63}^3\ \Phi_{45}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_9^2\ \Phi_3^2$
38327	832	831	$\frac{25}{831}$	$\frac{107}{831}$	$\frac{181}{831}$	$\frac{403}{831}$	$\Phi_{831}\ \Phi_{277}\ \Phi_3\ \Phi_1^2$
38328	832	775	$\frac{1}{31}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{15}{31}$	$\Phi_{775}\ \Phi_{155}\ \Phi_{31}^2\ \Phi_{25}^2\ \Phi_5^2\ \Phi_1^4$
38329	832	1302	$\frac{1}{31}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{186}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
38330	832	465	$\frac{1}{31}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{15}{31}$	$\Phi_{465}^2\ \Phi_{155}\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{15}^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
38331	832	277	$\frac{9}{277}$	$\frac{11}{277}$	$\frac{133}{277}$	$\frac{134}{277}$	$\Phi_{277}^3\ \Phi_1^4$
38332	832	1045	$\frac{7}{209}$	$\frac{27}{209}$	$\frac{1}{5}$	$\frac{101}{209}$	$\Phi_{1045}\ \Phi_{95}\ \Phi_{55}$
38333	832	831	$\frac{29}{831}$	$\frac{77}{831}$	$\frac{215}{831}$	$\frac{401}{831}$	$\Phi_{831}\ \Phi_{277}\ \Phi_3\ \Phi_1^2$
38334	832	417	$\frac{5}{139}$	$\frac{9}{139}$	$\frac{1}{3}$	$\frac{67}{139}$	$\Phi_{417}^3\ \Phi_3^2$
38335	832	1275	$\frac{1}{25}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{1275}\ \Phi_{255}\ \Phi_{51}^2$
38336	832	775	$\frac{1}{25}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{12}{25}$	$\Phi_{775}\ \Phi_{155}\ \Phi_{31}^2\ \Phi_{25}^2\ \Phi_5^2\ \Phi_1^4$
38337	832	225	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{225}^4\ \Phi_{75}^4\ \Phi_{45}^5\ \Phi_{15}^5\ \Phi_9^4\ \Phi_3^4$
38338	832	910	$\frac{3}{65}$	$\frac{1}{14}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{910}\ \Phi_{455}\ \Phi_{182}\ \Phi_{130}\ \Phi_{91}\ \Phi_{70}\ \Phi_{35}\ \Phi_{26}\ \Phi_{10}$
38339	832	63	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{11}{63}$	$\frac{10}{21}$	$\Phi_{63}^{13}\ \Phi_{21}^{14}\ \Phi_9^{12}\ \Phi_7^{14}\ \Phi_3^{13}\ \Phi_1^{14}$
38340	832	495	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{47}{99}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{55}^3\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_5^2$
38341	832	285	$\frac{1}{19}$	$\frac{5}{57}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{285}^4\ \Phi_{95}^3\ \Phi_{15}^4\ \Phi_5^2$
38342	832	901	$\frac{3}{53}$	$\frac{1}{17}$	$\frac{14}{53}$	$\frac{25}{53}$	Φ_{901}
38343	832	831	$\frac{47}{831}$	$\frac{49}{831}$	$\frac{220}{831}$	$\frac{391}{831}$	$\Phi_{831}\ \Phi_{277}\ \Phi_3\ \Phi_1^2$
38344	832	831	$\frac{49}{831}$	$\frac{55}{831}$	$\frac{194}{831}$	$\frac{391}{831}$	$\Phi_{831}\ \Phi_{277}\ \Phi_3\ \Phi_1^2$
38345	832	417	$\frac{17}{417}$	$\frac{25}{417}$	$\frac{1}{3}$	$\frac{196}{417}$	$\Phi_{417}^2\ \Phi_{139}^2\ \Phi_3\ \Phi_1^2$
38346	832	441	$\frac{3}{49}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{23}{49}$	$\Phi_{441}^2\ \Phi_{147}^2\ \Phi_{63}^3\ \Phi_{21}^3\ \Phi_9^2\ \Phi_3^2$
38347	832	135	$\frac{1}{27}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{135}^6\ \Phi_{45}^6\ \Phi_{27}^8\ \Phi_{15}^4\ \Phi_9^8\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
38348	832	255	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{4}{17}$	$\frac{7}{15}$	$\Phi_{255}^3\ \Phi_{85}^3\ \Phi_{51}^3\ \Phi_{17}^6\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^4\ \Phi_1^8$
38349	832	210	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^5\ \Phi_{42}^4\ \Phi_{35}^5\ \Phi_{30}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_7^4\ \Phi_6^4\ \Phi_2^4$
38350	832	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{7}{15}$	$\Phi_{45}^{21}\ \Phi_{15}^{14}\ \Phi_9^{20}\ \Phi_5^{14}\ \Phi_3^{13}\ \Phi_1^{14}$
38351	832	277	$\frac{19}{277}$	$\frac{30}{277}$	$\frac{37}{277}$	$\frac{129}{277}$	$\Phi_{277}^3\ \Phi_1^4$
38352	832	1045	$\frac{14}{209}$	$\frac{15}{209}$	$\frac{1}{5}$	$\frac{97}{209}$	$\Phi_{1045}\ \Phi_{95}\ \Phi_{55}$
38353	832	831	$\frac{38}{831}$	$\frac{61}{831}$	$\frac{223}{831}$	$\frac{385}{831}$	$\Phi_{831}\ \Phi_{277}\ \Phi_3\ \Phi_1^2$
38354	832	417	$\frac{14}{417}$	$\frac{31}{417}$	$\frac{1}{3}$	$\frac{193}{417}$	$\Phi_{417}^2\ \Phi_{139}^2\ \Phi_3\ \Phi_1^2$
38355	832	546	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}\ \Phi_{91}\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{26}\ \Phi_{21}^2\ \Phi_6^2$
38356	832	264	$\frac{1}{33}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{264}^6\ \Phi_{88}^6\ \Phi_{33}^2\ \Phi_{24}^4\ \Phi_{11}^2\ \Phi_8^4\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
38357	832	168	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{5}{21}$	$\frac{11}{24}$	$\Phi_{168}^{9}\,\Phi_{56}^{9}\,\Phi_{24}^{10}\,\Phi_{21}^{3}\,\Phi_{8}^{10}\,\Phi_{7}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
38358	832	2040	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{2040}\,\Phi_{680}\,\Phi_{85}$
38359	832	840	$\frac{1}{12}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{840}^{2}\,\Phi_{280}^{2}\,\Phi_{168}\,\Phi_{120}^{2}\,\Phi_{56}\,\Phi_{40}^{2}\,\Phi_{35}^{2}\,\Phi_{24}^{2}\,\Phi_{8}^{2}\,\Phi_{7}\,\Phi_{5}^{2}\,\Phi_{1}^{2}$
38360	832	72	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{11}{24}$	$\Phi_{72}^{21}\,\Phi_{24}^{22}\,\Phi_{9}^{7}\,\Phi_{8}^{22}\,\Phi_{3}^{7}\,\Phi_{1}^{8}$
38361	832	297	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{297}^{3}\,\Phi_{99}^{3}\,\Phi_{33}^{3}\,\Phi_{27}^{2}\,\Phi_{9}^{2}\,\Phi_{3}^{2}$
38362	832	55	$\frac{3}{55}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{55}^{15}\,\Phi_{11}^{16}\,\Phi_{5}^{14}\,\Phi_{1}^{16}$
38363	832	95	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{1}{5}$	$\frac{43}{95}$	$\Phi_{95}^{9}\,\Phi_{19}^{8}\,\Phi_{5}^{8}\,\Phi_{1}^{8}$
38364	832	831	$\frac{35}{831}$	$\frac{79}{831}$	$\frac{199}{831}$	$\frac{376}{831}$	$\Phi_{831}\,\Phi_{277}\,\Phi_{3}\,\Phi_{1}^{2}$
38365	832	910	$\frac{1}{14}$	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{29}{65}$	$\Phi_{910}\,\Phi_{455}\,\Phi_{182}\,\Phi_{130}\,\Phi_{91}\,\Phi_{70}\,\Phi_{35}\,\Phi_{26}\,\Phi_{10}$
38366	832	198	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{198}^{6}\,\Phi_{99}^{3}\,\Phi_{66}^{6}\,\Phi_{33}^{2}\,\Phi_{22}^{6}\,\Phi_{18}^{4}\,\Phi_{11}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{4}\,\Phi_{3}\,\Phi_{2}^{4}\,\Phi_{1}^{2}$
38367	832	831	$\frac{55}{831}$	$\frac{97}{831}$	$\frac{116}{831}$	$\frac{367}{831}$	$\Phi_{831}\,\Phi_{277}\,\Phi_{3}\,\Phi_{1}^{2}$
38368	832	1045	$\frac{9}{209}$	$\frac{25}{209}$	$\frac{1}{5}$	$\frac{92}{209}$	$\Phi_{1045}\,\Phi_{95}\,\Phi_{55}$
38369	832	831	$\frac{23}{831}$	$\frac{101}{831}$	$\frac{233}{831}$	$\frac{365}{831}$	$\Phi_{831}\,\Phi_{277}\,\Phi_{3}\,\Phi_{1}^{2}$
38370	832	417	$\frac{3}{139}$	$\frac{17}{139}$	$\frac{1}{3}$	$\frac{61}{139}$	$\Phi_{417}^{3}\,\Phi_{3}^{2}$
38371	832	1113	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1113}\,\Phi_{159}^{2}$
38372	832	721	$\frac{3}{103}$	$\frac{1}{7}$	$\frac{25}{103}$	$\frac{3}{7}$	$\Phi_{721}\,\Phi_{103}^{2}\,\Phi_{7}^{2}\,\Phi_{1}^{4}$
38373	832	945	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{945}\,\Phi_{315}\,\Phi_{135}^{2}\,\Phi_{105}\,\Phi_{45}^{2}\,\Phi_{15}^{2}$
38374	832	721	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{721}\,\Phi_{103}^{2}\,\Phi_{7}^{2}\,\Phi_{1}^{4}$
38375	832	126	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{126}^{8}\,\Phi_{63}^{7}\,\Phi_{42}^{8}\,\Phi_{21}^{7}\,\Phi_{18}^{8}\,\Phi_{9}^{6}\,\Phi_{6}^{8}\,\Phi_{3}^{6}$
38376	832	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{7}{45}$	$\frac{19}{45}$	$\Phi_{45}^{19}\,\Phi_{15}^{18}\,\Phi_{9}^{18}\,\Phi_{5}^{18}\,\Phi_{3}^{17}\,\Phi_{1}^{18}$
38377	832	901	$\frac{1}{53}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	Φ_{901}
38378	832	831	$\frac{19}{831}$	$\frac{157}{831}$	$\frac{203}{831}$	$\frac{337}{831}$	$\Phi_{831}\,\Phi_{277}\,\Phi_{3}\,\Phi_{1}^{2}$
38379	832	495	$\frac{3}{55}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{495}^{2}\,\Phi_{165}^{2}\,\Phi_{99}^{2}\,\Phi_{45}\,\Phi_{33}^{2}\,\Phi_{15}$
38380	832	70	$\frac{1}{14}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{70}^{13}\,\Phi_{35}^{11}\,\Phi_{14}^{12}\,\Phi_{10}^{13}\,\Phi_{7}^{10}\,\Phi_{5}^{12}\,\Phi_{2}^{12}\,\Phi_{1}^{12}$
38381	832	297	$\frac{1}{27}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{297}^{3}\,\Phi_{99}^{3}\,\Phi_{33}^{2}\,\Phi_{27}^{2}\,\Phi_{11}^{2}\,\Phi_{9}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
38382	832	277	$\frac{13}{277}$	$\frac{33}{277}$	$\frac{61}{277}$	$\frac{108}{277}$	$\Phi_{277}^{3}\,\Phi_{1}^{4}$
38383	832	182	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{182}^{5}\,\Phi_{91}^{5}\,\Phi_{26}^{5}\,\Phi_{14}^{4}\,\Phi_{7}^{4}\,\Phi_{2}^{4}$
38384	832	831	$\frac{59}{831}$	$\frac{64}{831}$	$\frac{193}{831}$	$\frac{319}{831}$	$\Phi_{831}\,\Phi_{277}\,\Phi_{3}\,\Phi_{1}^{2}$
38385	832	63	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{5}{21}$	$\frac{8}{21}$	$\Phi_{63}^{15}\,\Phi_{21}^{10}\,\Phi_{9}^{14}\,\Phi_{7}^{10}\,\Phi_{3}^{9}\,\Phi_{1}^{10}$
38386	832	277	$\frac{9}{277}$	$\frac{43}{277}$	$\frac{67}{277}$	$\frac{105}{277}$	$\Phi_{277}^{3}\,\Phi_{1}^{4}$
38387	832	1045	$\frac{5}{209}$	$\frac{1}{5}$	$\frac{51}{209}$	$\frac{79}{209}$	$\Phi_{1045}\,\Phi_{95}\,\Phi_{55}$
38388	832	831	$\frac{11}{831}$	$\frac{205}{831}$	$\frac{259}{831}$	$\frac{313}{831}$	$\Phi_{831}\,\Phi_{277}\,\Phi_{3}\,\Phi_{1}^{2}$
38389	832	417	$\frac{5}{417}$	$\frac{103}{417}$	$\frac{1}{3}$	$\frac{157}{417}$	$\Phi_{417}^{2}\,\Phi_{139}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
38390	832	105	$\frac{1}{105}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^{8}\,\Phi_{35}^{8}\,\Phi_{21}^{8}\,\Phi_{15}^{8}\,\Phi_{7}^{8}\,\Phi_{5}^{8}\,\Phi_{3}^{5}\,\Phi_{1}^{6}$
38391	832	621	$\frac{2}{207}$	$\frac{205}{621}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{621}^{2}\,\Phi_{27}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
38392	832	69	$\frac{1}{69}$	$\frac{17}{69}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{69}^{12}\,\Phi_{23}^{12}\,\Phi_{3}^{13}\,\Phi_{1}^{14}$
38393	832	423	$\frac{7}{423}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{423}^{2}\,\Phi_{141}^{2}\,\Phi_{47}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
38394	832	795	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{795}\,\Phi_{265}^{2}$
38395	832	483	$\frac{2}{69}$	$\frac{67}{483}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{483}^{2}\,\Phi_{161}^{2}\,\Phi_{21}^{2}\,\Phi_{7}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
38396	832	165	$\frac{1}{33}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}^{6}\ \Phi_{55}^{6}\ \Phi_{33}^{2}\ \Phi_{15}^{4}\ \Phi_{11}^{2}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
38397	832	207	$\frac{7}{207}$	$\frac{25}{207}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{207}^{4}\ \Phi_{69}^{4}\ \Phi_{23}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
38398	832	27	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{27}^{32}\ \Phi_{9}^{28}\ \Phi_{3}^{29}\ \Phi_{1}^{30}$
38399	832	345	$\frac{1}{23}$	$\frac{11}{115}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{345}^{2}\ \Phi_{115}^{4}\ \Phi_{69}\ \Phi_{23}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
38400	832	69	$\frac{4}{69}$	$\frac{5}{69}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{69}^{12}\ \Phi_{23}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
38401	832	714	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{714}\ \Phi_{357}\ \Phi_{238}^{2}\ \Phi_{119}^{2}\ \Phi_{102}\ \Phi_{34}^{2}$
38402	832	153	$\frac{2}{51}$	$\frac{1}{9}$	$\frac{49}{153}$	$\frac{1}{3}$	$\Phi_{153}^{5}\ \Phi_{51}^{6}\ \Phi_{17}^{6}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
38403	832	135	$\frac{1}{27}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{135}^{6}\ \Phi_{45}^{5}\ \Phi_{27}^{8}\ \Phi_{15}^{6}\ \Phi_{9}^{7}\ \Phi_{5}^{6}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
38404	832	198	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{198}^{6}\ \Phi_{99}^{6}\ \Phi_{33}^{2}\ \Phi_{18}^{4}\ \Phi_{11}^{2}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
38405	832	417	$\frac{3}{139}$	$\frac{34}{139}$	$\frac{35}{139}$	$\frac{1}{3}$	$\Phi_{417}^{3}\ \Phi_{3}^{2}$
38406	832	528	$\frac{1}{33}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{528}^{2}\ \Phi_{264}^{2}\ \Phi_{176}^{2}\ \Phi_{88}^{2}\ \Phi_{48}\ \Phi_{33}^{2}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
38407	832	1545	$\frac{3}{103}$	$\frac{1}{5}$	$\frac{25}{103}$	$\frac{1}{3}$	$\Phi_{1545}\ \Phi_{15}^{2}$
38408	832	417	$\frac{13}{417}$	$\frac{79}{417}$	$\frac{101}{417}$	$\frac{1}{3}$	$\Phi_{417}^{2}\ \Phi_{139}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
38409	832	105	$\frac{1}{21}$	$\frac{2}{15}$	$\frac{5}{21}$	$\frac{1}{3}$	$\Phi_{105}^{9}\ \Phi_{35}^{9}\ \Phi_{21}^{3}\ \Phi_{15}^{10}\ \Phi_{7}^{3}\ \Phi_{5}^{10}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
38410	832	153	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{153}^{6}\ \Phi_{51}^{3}\ \Phi_{17}^{6}\ \Phi_{9}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
38411	832	417	$\frac{29}{417}$	$\frac{40}{417}$	$\frac{97}{417}$	$\frac{1}{3}$	$\Phi_{417}^{2}\ \Phi_{139}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
38412	832	1302	$\frac{1}{14}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{186}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{6}^{2}$
38413	832	417	$\frac{25}{417}$	$\frac{49}{417}$	$\frac{92}{417}$	$\frac{1}{3}$	$\Phi_{417}^{2}\ \Phi_{139}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
38414	832	135	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{135}^{6}\ \Phi_{45}^{6}\ \Phi_{27}^{8}\ \Phi_{15}^{3}\ \Phi_{9}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
38415	832	255	$\frac{1}{17}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{255}^{3}\ \Phi_{85}^{4}\ \Phi_{51}^{4}\ \Phi_{17}^{4}$
38416	832	1545	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1545}\ \Phi_{15}^{2}$
38417	832	630	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{210}\ \Phi_{105}\ \Phi_{90}^{2}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{10}^{2}$
38418	832	105	$\frac{3}{35}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{105}^{7}\ \Phi_{35}^{9}\ \Phi_{21}^{8}\ \Phi_{15}^{8}\ \Phi_{7}^{9}\ \Phi_{5}^{10}\ \Phi_{3}^{8}\ \Phi_{1}^{10}$
38419	832	45	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{45}^{21}\ \Phi_{15}^{22}\ \Phi_{9}^{7}\ \Phi_{5}^{22}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
38420	832	135	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{31}{135}$	$\frac{14}{45}$	$\Phi_{135}^{8}\ \Phi_{45}^{3}\ \Phi_{27}^{8}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
38421	832	225	$\frac{2}{25}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{23}{75}$	$\Phi_{225}^{4}\ \Phi_{75}^{2}\ \Phi_{45}^{5}\ \Phi_{25}^{4}\ \Phi_{15}^{3}\ \Phi_{9}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
38422	832	1155	$\frac{1}{11}$	$\frac{23}{231}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{105}\ \Phi_{55}\ \Phi_{35}$
38423	832	1485	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{5}$	$\frac{89}{297}$	$\Phi_{1485}\ \Phi_{135}\ \Phi_{55}$
38424	832	441	$\frac{1}{9}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{147}$	$\Phi_{441}^{2}\ \Phi_{147}\ \Phi_{63}^{3}\ \Phi_{49}^{2}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
38425	832	630	$\frac{1}{14}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{126}^{2}\ \Phi_{90}^{2}\ \Phi_{70}\ \Phi_{63}^{2}\ \Phi_{35}\ \Phi_{18}^{2}\ \Phi_{10}$
38426	832	126	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{5}{21}$	$\frac{5}{18}$	$\Phi_{126}^{9}\ \Phi_{63}^{9}\ \Phi_{21}^{3}\ \Phi_{18}^{10}\ \Phi_{9}^{10}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
38427	832	1530	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{85}$
38428	832	630	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{126}\ \Phi_{90}^{2}\ \Phi_{63}\ \Phi_{45}^{2}\ \Phi_{35}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
38429	832	18	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{18}^{43}\ \Phi_{9}^{50}\ \Phi_{6}^{42}\ \Phi_{3}^{49}\ \Phi_{2}^{42}\ \Phi_{1}^{50}$
38430	832	285	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{1}{5}$	$\frac{77}{285}$	$\Phi_{285}^{4}\ \Phi_{95}\ \Phi_{57}^{4}\ \Phi_{15}^{4}\ \Phi_{3}^{4}$
38431	832	1050	$\frac{1}{14}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{175}\ \Phi_{150}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{10}$
38432	832	277	$\frac{9}{277}$	$\frac{67}{277}$	$\frac{69}{277}$	$\frac{70}{277}$	$\Phi_{277}^{3}\ \Phi_{1}^{4}$
38433	832	336	$\frac{1}{21}$	$\frac{3}{16}$	$\frac{5}{21}$	$\frac{1}{4}$	$\Phi_{336}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{3}\ \Phi_{56}^{3}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
38434	832	1360	$\frac{1}{17}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{85}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
38435	832	560	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{112}\ \Phi_{80}^2\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
38436	832	144	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{144}^7\ \Phi_{72}^7\ \Phi_{48}^7\ \Phi_{24}^7\ \Phi_{16}^8\ \Phi_9^7\ \Phi_8^8\ \Phi_3^7\ \Phi_1^8$
38437	832	85	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{17}$	$\Phi_{85}^9\ \Phi_{17}^{12}\ \Phi_5^{12}\ \Phi_1^{16}$
38438	832	277	$\frac{17}{277}$	$\frac{53}{277}$	$\frac{56}{277}$	$\frac{65}{277}$	$\Phi_{277}^3\ \Phi_1^4$
38439	832	1045	$\frac{13}{209}$	$\frac{40}{209}$	$\frac{1}{5}$	$\frac{49}{209}$	$\Phi_{1045}\ \Phi_{95}\ \Phi_{55}$
38440	832	465	$\frac{3}{31}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{7}{31}$	$\Phi_{465}^2\ \Phi_{155}\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{15}^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
38441	832	165	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{5}$	$\frac{7}{33}$	$\Phi_{165}^6\ \Phi_{55}^7\ \Phi_{15}^6\ \Phi_5^6$
38442	832	285	$\frac{5}{57}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{285}^4\ \Phi_{95}^3\ \Phi_{15}^4\ \Phi_5^2$
38443	832	70	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{70}^{13}\ \Phi_{35}^{13}\ \Phi_{14}^{12}\ \Phi_{10}^{13}\ \Phi_7^{12}\ \Phi_2^{12}$
38444	832	45	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{45}^{21}\ \Phi_{15}^{13}\ \Phi_9^{20}\ \Phi_5^{16}\ \Phi_3^{12}\ \Phi_1^{16}$
38445	832	1125	$\frac{1}{9}$	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{45}\ \Phi_{15}$
38446	833	708	$\frac{1}{118}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{117}{236}$	$\Phi_{354}^2\ \Phi_{236}\ \Phi_{177}^2\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
38447	833	2124	$\frac{1}{118}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{117}{236}$	$\Phi_{2124}\ \Phi_{236}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
38448	833	1536	$\frac{1}{64}$	$\frac{65}{768}$	$\frac{703}{1536}$	$\frac{63}{128}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{128}\ \Phi_1$
38449	833	1152	$\frac{1}{64}$	$\frac{65}{384}$	$\frac{319}{1152}$	$\frac{63}{128}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
38450	833	1024	$\frac{1}{64}$	$\frac{191}{1024}$	$\frac{65}{256}$	$\frac{63}{128}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{128}\ \Phi_1$
38451	833	936	$\frac{2}{117}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{115}{234}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
38452	833	96	$\frac{1}{48}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{47}{96}$	$\Phi_{96}\ \Phi_{48}^{16}\ \Phi_{32}^2\ \Phi_{24}^{16}\ \Phi_{16}^{16}\ \Phi_{12}^{16}\ \Phi_8^{16}\ \Phi_6^{16}\ \Phi_4^{16}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
38453	833	96	$\frac{1}{48}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{47}{96}$	$\Phi_{96}^{17}\ \Phi_{32}^{17}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
38454	833	480	$\frac{1}{48}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{47}{96}$	$\Phi_{480}^4\ \Phi_{160}^4\ \Phi_{96}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
38455	833	160	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{41}{160}$	$\frac{39}{80}$	$\Phi_{160}^7\ \Phi_{40}^7\ \Phi_{32}^7\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_8^6\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
38456	833	232	$\frac{3}{116}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{113}{232}$	$\Phi_{232}^3\ \Phi_{116}^4\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
38457	833	920	$\frac{4}{115}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{111}{230}$	$\Phi_{920}\ \Phi_{460}\ \Phi_{184}\ \Phi_{115}\ \Phi_{92}\ \Phi_{40}^2\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
38458	833	912	$\frac{3}{76}$	$\frac{79}{912}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
38459	833	1600	$\frac{33}{800}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{767}{1600}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
38460	833	144	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{25}{144}$	$\frac{23}{48}$	$\Phi_{144}^7\ \Phi_{72}^7\ \Phi_{36}^7\ \Phi_{24}^7\ \Phi_{18}^7\ \Phi_{12}^7\ \Phi_9^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
38461	833	456	$\frac{5}{114}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{109}{228}$	$\Phi_{456}^2\ \Phi_{228}\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{24}^4\ \Phi_{19}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
38462	833	1584	$\frac{41}{792}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{751}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{48}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
38463	833	960	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{127}{960}$	$\frac{113}{240}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
38464	833	1632	$\frac{2}{51}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{51}\ \Phi_{32}\ \Phi_{17}\ \Phi_1$
38465	833	288	$\frac{1}{24}$	$\frac{1}{16}$	$\frac{23}{72}$	$\frac{15}{32}$	$\Phi_{288}^8\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
38466	833	416	$\frac{3}{52}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{416}^4\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
38467	833	64	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{15}{32}$	$\Phi_{64}^{17}\ \Phi_{32}^2\ \Phi_{16}^{16}\ \Phi_8^{16}\ \Phi_4^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
38468	833	480	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{15}{32}$	$\Phi_{480}^4\ \Phi_{160}^4\ \Phi_{60}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
38469	833	864	$\frac{1}{16}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{864}^2\ \Phi_{288}^2\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
38470	833	32	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{15}{32}$	$\Phi_{32}^{49}\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
38471	833	1560	$\frac{1}{26}$	$\frac{53}{780}$	$\frac{25}{78}$	$\frac{727}{1560}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{40}\ \Phi_{39}\ \Phi_{24}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
38472	833	1560	$\frac{53}{780}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{727}{1560}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}\ \Phi_{24}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
38473	833	880	$\frac{47}{880}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{16}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
38474	833	1014	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{181}{1014}$	$\frac{157}{338}$	$\Phi_{1014}\ \Phi_{507}\ \Phi_{169}\ \Phi_{78}\ \Phi_{39}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
38475	833	39	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{5}{39}$	$\frac{6}{13}$	$\Phi_{39}^{21}\ \Phi_{13}^{22}\ \Phi_{3}^{21}\ \Phi_{1}^{23}$
38476	833	440	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{101}{220}$	$\Phi_{440}^{2}\ \Phi_{220}\ \Phi_{110}^{2}\ \Phi_{88}^{2}\ \Phi_{55}^{2}\ \Phi_{44}\ \Phi_{40}^{4}\ \Phi_{22}^{2}\ \Phi_{20}^{3}\ \Phi_{11}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
38477	833	1536	$\frac{1}{32}$	$\frac{65}{768}$	$\frac{31}{96}$	$\frac{703}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
38478	833	1144	$\frac{1}{26}$	$\frac{25}{286}$	$\frac{311}{1144}$	$\frac{261}{572}$	$\Phi_{1144}\ \Phi_{286}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
38479	833	90	$\frac{1}{18}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{90}^{9}\ \Phi_{45}^{10}\ \Phi_{30}^{9}\ \Phi_{18}^{8}\ \Phi_{15}^{10}\ \Phi_{10}^{9}\ \Phi_{9}^{9}\ \Phi_{6}^{8}\ \Phi_{5}^{9}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
38480	833	1520	$\frac{3}{76}$	$\frac{73}{760}$	$\frac{1}{4}$	$\frac{687}{1520}$	$\Phi_{1520}\ \Phi_{304}\ \Phi_{80}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{1}$
38481	833	180	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{180}^{4}\ \Phi_{90}^{6}\ \Phi_{60}^{3}\ \Phi_{45}^{6}\ \Phi_{36}^{4}\ \Phi_{30}^{5}\ \Phi_{20}^{4}\ \Phi_{18}^{5}\ \Phi_{15}^{5}\ \Phi_{12}^{3}\ \Phi_{10}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
38482	833	216	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{8}$	$\frac{97}{216}$	$\Phi_{216}^{3}\ \Phi_{108}^{4}\ \Phi_{72}^{3}\ \Phi_{54}^{4}\ \Phi_{36}^{4}\ \Phi_{27}^{4}\ \Phi_{24}^{7}\ \Phi_{18}^{4}\ \Phi_{12}^{7}\ \Phi_{9}^{4}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
38483	833	1152	$\frac{1}{32}$	$\frac{31}{288}$	$\frac{319}{1152}$	$\frac{257}{576}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
38484	833	128	$\frac{9}{128}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{128}^{7}\ \Phi_{64}^{7}\ \Phi_{32}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
38485	833	150	$\frac{1}{50}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{150}^{6}\ \Phi_{75}^{6}\ \Phi_{50}^{5}\ \Phi_{30}^{5}\ \Phi_{25}^{5}\ \Phi_{15}^{6}\ \Phi_{10}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
38486	833	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{13}{30}$	$\Phi_{120}^{8}\ \Phi_{60}^{8}\ \Phi_{40}^{8}\ \Phi_{30}\ \Phi_{24}^{8}\ \Phi_{20}^{8}\ \Phi_{15}^{7}\ \Phi_{12}^{8}\ \Phi_{10}\ \Phi_{8}^{7}\ \Phi_{6}\ \Phi_{5}^{7}\ \Phi_{4}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{7}$
38487	833	1440	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{113}{720}$	$\frac{607}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
38488	833	708	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{58}{177}$	$\frac{5}{12}$	$\Phi_{708}^{2}\ \Phi_{236}^{2}\ \Phi_{177}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
38489	833	600	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{600}^{2}\ \Phi_{200}^{2}\ \Phi_{150}^{2}\ \Phi_{120}^{2}\ \Phi_{75}^{2}\ \Phi_{50}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
38490	833	708	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{708}^{2}\ \Phi_{236}^{2}\ \Phi_{59}^{2}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
38491	833	72	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{72}^{14}\ \Phi_{36}^{8}\ \Phi_{24}^{12}\ \Phi_{18}^{13}\ \Phi_{12}^{7}\ \Phi_{9}^{13}\ \Phi_{8}^{11}\ \Phi_{6}^{11}\ \Phi_{4}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
38492	833	880	$\frac{47}{880}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
38493	833	130	$\frac{1}{13}$	$\frac{11}{130}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{130}^{6}\ \Phi_{65}^{7}\ \Phi_{26}^{6}\ \Phi_{13}^{6}\ \Phi_{10}^{6}\ \Phi_{5}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
38494	833	200	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{19}{100}$	$\frac{81}{200}$	$\Phi_{200}^{3}\ \Phi_{100}^{4}\ \Phi_{50}^{4}\ \Phi_{40}^{7}\ \Phi_{25}^{4}\ \Phi_{20}^{7}\ \Phi_{10}^{7}\ \Phi_{8}^{6}\ \Phi_{5}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
38495	833	720	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{720}^{2}\ \Phi_{240}^{2}\ \Phi_{144}^{2}\ \Phi_{90}^{2}\ \Phi_{80}\ \Phi_{48}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
38496	833	1352	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{157}{676}$	$\frac{519}{1352}$	$\Phi_{1352}\ \Phi_{169}\ \Phi_{104}\ \Phi_{8}\ \Phi_{1}$
38497	833	192	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{23}{96}$	$\frac{73}{192}$	$\Phi_{192}^{7}\ \Phi_{64}^{7}\ \Phi_{24}^{7}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
38498	833	864	$\frac{31}{864}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
38499	833	52	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{52}^{17}\ \Phi_{26}^{14}\ \Phi_{13}^{16}\ \Phi_{4}^{17}\ \Phi_{2}^{14}\ \Phi_{1}^{17}$
38500	833	936	$\frac{1}{26}$	$\frac{103}{936}$	$\frac{25}{78}$	$\frac{53}{156}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{39}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
38501	833	360	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{29}{90}$	$\frac{61}{180}$	$\Phi_{360}^{2}\ \Phi_{180}\ \Phi_{120}^{4}\ \Phi_{90}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{3}\ \Phi_{45}^{2}\ \Phi_{40}^{4}\ \Phi_{36}\ \Phi_{30}^{3}\ \Phi_{24}^{4}\ \Phi_{20}^{3}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
38502	833	960	$\frac{1}{32}$	$\frac{127}{960}$	$\frac{31}{96}$	$\frac{65}{192}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
38503	833	1248	$\frac{1}{104}$	$\frac{103}{312}$	$\frac{415}{1248}$	$\frac{209}{624}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{312}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{39}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
38504	833	531	$\frac{1}{59}$	$\frac{2}{9}$	$\frac{58}{177}$	$\frac{1}{3}$	$\Phi_{531}^{2}\ \Phi_{177}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
38505	833	408	$\frac{2}{51}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{408}^{2}\ \Phi_{204}^{2}\ \Phi_{136}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{51}^{3}\ \Phi_{34}^{2}\ \Phi_{24}\ \Phi_{17}^{3}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
38506	833	1020	$\frac{2}{51}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{85}\ \Phi_{51}\ \Phi_{20}\ \Phi_{17}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
38507	833	312	$\frac{2}{39}$	$\frac{1}{8}$	$\frac{37}{156}$	$\frac{1}{3}$	$\Phi_{312}^{3}\ \Phi_{156}^{2}\ \Phi_{104}^{3}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{39}^{3}\ \Phi_{26}^{2}\ \Phi_{24}^{4}\ \Phi_{13}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
38508	833	531	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{531}^{2}\ \Phi_{59}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
38509	833	72	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{72}^{13}\ \Phi_{36}^{13}\ \Phi_{24}^{14}\ \Phi_{18}^{6}\ \Phi_{12}^{14}\ \Phi_{9}^{7}\ \Phi_{8}^{13}\ \Phi_{6}^{7}\ \Phi_{4}^{13}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
38510	833	1152	$\frac{1}{32}$	$\frac{65}{384}$	$\frac{319}{1152}$	$\frac{31}{96}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
38511	833	1170	$\frac{1}{26}$	$\frac{53}{390}$	$\frac{337}{1170}$	$\frac{25}{78}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{234}\ \Phi_{117}\ \Phi_{90}\ \Phi_{78}\ \Phi_{45}\ \Phi_{39}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
38512	833	72	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{23}{72}$	$\Phi_{72}^{17}\ \Phi_{36}^{17}\ \Phi_{24}\ \Phi_{18}^{17}\ \Phi_{12}\ \Phi_{9}^{17}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
38513	833	360	$\frac{1}{24}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{23}{72}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{90}^{4}\ \Phi_{72}\ \Phi_{45}^{4}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
38514	833	1080	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{247}{1080}$	$\frac{113}{360}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
38515	833	132	$\frac{3}{44}$	$\frac{13}{132}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{132}^{6}\ \Phi_{66}^{6}\ \Phi_{44}^{7}\ \Phi_{33}^{6}\ \Phi_{22}^{7}\ \Phi_{12}^{6}\ \Phi_{11}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
38516	833	1200	$\frac{33}{400}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{367}{1200}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
38517	833	144	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{25}{144}$	$\frac{11}{36}$	$\Phi_{144}^{7}\ \Phi_{72}^{3}\ \Phi_{48}^{7}\ \Phi_{36}^{4}\ \Phi_{24}^{7}\ \Phi_{18}^{4}\ \Phi_{16}^{7}\ \Phi_{12}^{7}\ \Phi_{9}^{4}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
38518	833	1188	$\frac{3}{44}$	$\frac{41}{396}$	$\frac{1}{4}$	$\frac{355}{1188}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{108}\ \Phi_{54}\ \Phi_{44}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
38519	833	128	$\frac{9}{128}$	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{128}^{7}\ \Phi_{64}^{6}\ \Phi_{32}^{6}\ \Phi_{16}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
38520	833	312	$\frac{3}{52}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{312}^{4}\ \Phi_{156}^{4}\ \Phi_{78}^{4}\ \Phi_{52}\ \Phi_{39}^{4}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
38521	833	192	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{15}{64}$	$\frac{7}{24}$	$\Phi_{192}^{8}\ \Phi_{96}^{8}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
38522	833	120	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{60}$	$\frac{7}{24}$	$\Phi_{120}^{8}\ \Phi_{60}^{9}\ \Phi_{40}^{8}\ \Phi_{30}^{9}\ \Phi_{24}\ \Phi_{20}^{9}\ \Phi_{15}^{9}\ \Phi_{12}\ \Phi_{10}^{9}\ \Phi_{6}\ \Phi_{5}^{9}\ \Phi_{3}\ \Phi_{1}$
38523	833	216	$\frac{5}{54}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{216}^{4}\ \Phi_{108}^{4}\ \Phi_{72}^{4}\ \Phi_{54}^{5}\ \Phi_{36}^{4}\ \Phi_{27}^{5}\ \Phi_{24}\ \Phi_{18}^{5}\ \Phi_{12}\ \Phi_{9}^{5}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
38524	833	24	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{24}^{49}\ \Phi_{12}^{49}\ \Phi_{8}^{6}\ \Phi_{6}^{49}\ \Phi_{4}^{6}\ \Phi_{3}^{49}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
38525	833	1170	$\frac{1}{13}$	$\frac{53}{390}$	$\frac{12}{65}$	$\frac{337}{1170}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{234}\ \Phi_{117}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{18}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
38526	833	975	$\frac{1}{13}$	$\frac{142}{975}$	$\frac{12}{65}$	$\frac{53}{195}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{75}\ \Phi_{65}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}$
38527	833	1140	$\frac{3}{76}$	$\frac{73}{380}$	$\frac{1}{4}$	$\frac{307}{1140}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{285}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{38}\ \Phi_{30}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
38528	833	180	$\frac{1}{18}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{180}^{6}\ \Phi_{90}^{4}\ \Phi_{60}^{5}\ \Phi_{45}^{4}\ \Phi_{36}^{6}\ \Phi_{30}^{3}\ \Phi_{20}^{5}\ \Phi_{18}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{5}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
38529	833	260	$\frac{3}{52}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{260}^{4}\ \Phi_{130}^{4}\ \Phi_{65}^{4}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
38530	833	320	$\frac{1}{16}$	$\frac{3}{20}$	$\frac{15}{64}$	$\frac{1}{4}$	$\Phi_{320}^{4}\ \Phi_{160}^{4}\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
38531	833	152	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{33}{152}$	$\frac{1}{4}$	$\Phi_{152}^{7}\ \Phi_{76}^{3}\ \Phi_{38}^{5}\ \Phi_{19}^{5}\ \Phi_{8}^{7}\ \Phi_{4}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
38532	833	1056	$\frac{3}{44}$	$\frac{41}{264}$	$\frac{223}{1056}$	$\frac{1}{4}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{176}\ \Phi_{96}\ \Phi_{48}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
38533	833	60	$\frac{1}{12}$	$\frac{3}{20}$	$\frac{11}{60}$	$\frac{1}{4}$	$\Phi_{60}^{13}\ \Phi_{30}^{13}\ \Phi_{20}^{14}\ \Phi_{15}^{13}\ \Phi_{12}^{16}\ \Phi_{10}^{14}\ \Phi_{6}^{16}\ \Phi_{5}^{14}\ \Phi_{4}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
38534	833	540	$\frac{5}{54}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{180}^{2}\ \Phi_{135}^{2}\ \Phi_{90}^{2}\ \Phi_{54}\ \Phi_{45}^{2}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
38535	833	40	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{40}^{24}\ \Phi_{20}^{25}\ \Phi_{10}^{25}\ \Phi_{8}^{6}\ \Phi_{5}^{25}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
38536	833	64	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{15}{64}$	$\Phi_{64}^{12}\ \Phi_{32}^{12}\ \Phi_{16}^{16}\ \Phi_{8}^{16}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
38537	833	960	$\frac{1}{8}$	$\frac{127}{960}$	$\frac{7}{40}$	$\frac{33}{160}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
38538	833	1040	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{207}{1040}$	$\frac{53}{260}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{208}\ \Phi_{104}\ \Phi_{80}\ \Phi_{65}\ \Phi_{40}\ \Phi_{16}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
38539	833	1000	$\frac{1}{8}$	$\frac{33}{200}$	$\frac{167}{1000}$	$\frac{7}{40}$	$\Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
38540	834	1380	$\frac{1}{138}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{137}{276}$	$\Phi_{1380}\ \Phi_{460}\ \Phi_{276}^2\ \Phi_{92}^2\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
38541	834	276	$\frac{1}{138}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{137}{276}$	$\Phi_{276}^2\ \Phi_{138}^4\ \Phi_{92}^2\ \Phi_{69}^4\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{12}^3\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
38542	834	238	$\frac{1}{119}$	$\frac{20}{119}$	$\frac{99}{238}$	$\frac{59}{119}$	$\Phi_{238}^6\ \Phi_{119}\ \Phi_{34}^6\ \Phi_{17}\ \Phi_{14}^6\ \Phi_7\ \Phi_2^6\ \Phi_1^2$
38543	834	826	$\frac{4}{413}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{409}{826}$	$\Phi_{826}^2\ \Phi_{118}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
38544	834	372	$\frac{1}{93}$	$\frac{1}{4}$	$\frac{47}{186}$	$\frac{46}{93}$	$\Phi_{372}^3\ \Phi_{186}\ \Phi_{124}^3\ \Phi_{93}^2\ \Phi_{62}\ \Phi_{31}^2\ \Phi_{12}^3\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
38545	834	273	$\frac{5}{273}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{134}{273}$	$\Phi_{273}^3\ \Phi_{91}^3\ \Phi_{39}^3\ \Phi_{21}^3\ \Phi_{13}^3\ \Phi_7^5\ \Phi_3^3\ \Phi_1^6$
38546	834	784	$\frac{1}{49}$	$\frac{25}{392}$	$\frac{367}{784}$	$\frac{24}{49}$	$\Phi_{784}^2\ \Phi_{112}^2\ \Phi_{49}\ \Phi_{16}^2\ \Phi_7\ \Phi_1^2$
38547	834	196	$\frac{1}{49}$	$\frac{25}{196}$	$\frac{57}{196}$	$\frac{24}{49}$	$\Phi_{196}^4\ \Phi_{98}^4\ \Phi_{49}^5\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_7^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
38548	834	490	$\frac{1}{49}$	$\frac{73}{490}$	$\frac{25}{98}$	$\frac{24}{49}$	$\Phi_{490}^2\ \Phi_{245}^2\ \Phi_{70}^2\ \Phi_{49}\ \Phi_{35}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
38549	834	560	$\frac{3}{140}$	$\frac{1}{7}$	$\frac{143}{560}$	$\frac{137}{280}$	$\Phi_{560}^2\ \Phi_{140}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
38550	834	272	$\frac{3}{136}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{133}{272}$	$\Phi_{272}^6\ \Phi_{17}\ \Phi_{16}^6\ \Phi_1^2$
38551	834	272	$\frac{3}{136}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{133}{272}$	$\Phi_{272}^6\ \Phi_{17}\ \Phi_{16}^6\ \Phi_1^2$
38552	834	1904	$\frac{3}{136}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{133}{272}$	$\Phi_{1904}\ \Phi_{112}\ \Phi_{28}\ \Phi_{14}$
38553	834	2442	$\frac{10}{407}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{397}{814}$	$\Phi_{2442}\ \Phi_{222}\ \Phi_{66}\ \Phi_{33}\ \Phi_6$
38554	834	456	$\frac{1}{38}$	$\frac{13}{152}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{456}^3\ \Phi_{228}^2\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
38555	834	812	$\frac{11}{406}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{395}{812}$	$\Phi_{812}^2\ \Phi_{116}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
38556	834	540	$\frac{4}{135}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{131}{270}$	$\Phi_{540}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
38557	834	1890	$\frac{4}{135}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{131}{270}$	$\Phi_{1890}\ \Phi_{630}\ \Phi_{378}\ \Phi_{210}\ \Phi_{126}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{14}$
38558	834	620	$\frac{1}{31}$	$\frac{16}{155}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{620}^2\ \Phi_{310}^2\ \Phi_{124}\ \Phi_{62}\ \Phi_{20}^2\ \Phi_{10}^2$
38559	834	168	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{29}{168}$	$\frac{27}{56}$	$\Phi_{168}^6\ \Phi_{84}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_7^5\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
38560	834	805	$\frac{29}{805}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{388}{805}$	$\Phi_{805}\ \Phi_{161}\ \Phi_{115}\ \Phi_{35}^2\ \Phi_{23}\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
38561	834	798	$\frac{6}{133}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{127}{266}$	$\Phi_{798}^3\ \Phi_{114}^3\ \Phi_{57}\ \Phi_{42}^3\ \Phi_6^3$
38562	834	266	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{127}{266}$	$\Phi_{266}^6\ \Phi_{38}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
38563	834	1320	$\frac{1}{22}$	$\frac{23}{440}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
38564	834	1120	$\frac{1}{20}$	$\frac{21}{160}$	$\frac{1}{7}$	$\frac{19}{40}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{224}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
38565	834	264	$\frac{1}{22}$	$\frac{7}{132}$	$\frac{1}{3}$	$\frac{125}{264}$	$\Phi_{264}^6\ \Phi_{88}^6\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}^6\ \Phi_8^6\ \Phi_6$
38566	834	204	$\frac{3}{68}$	$\frac{1}{17}$	$\frac{65}{204}$	$\frac{8}{17}$	$\Phi_{204}^6\ \Phi_{102}^6\ \Phi_{51}^6\ \Phi_{17}\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^6\ \Phi_1^2$
38567	834	442	$\frac{25}{442}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{442}^2\ \Phi_{221}^2\ \Phi_{26}^2\ \Phi_{17}\ \Phi_{13}^2\ \Phi_1^2$
38568	834	544	$\frac{1}{17}$	$\frac{9}{136}$	$\frac{127}{544}$	$\frac{8}{17}$	$\Phi_{544}^2\ \Phi_{272}^2\ \Phi_{32}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_1^2$
38569	834	170	$\frac{1}{17}$	$\frac{3}{34}$	$\frac{31}{170}$	$\frac{8}{17}$	$\Phi_{170}^6\ \Phi_{85}^6\ \Phi_{17}\ \Phi_{10}^6\ \Phi_5^6\ \Phi_1^2$
38570	834	153	$\frac{1}{17}$	$\frac{14}{153}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{153}^6\ \Phi_{51}^6\ \Phi_{17}\ \Phi_9^6\ \Phi_3^6\ \Phi_1^2$
38571	834	476	$\frac{1}{17}$	$\frac{59}{476}$	$\frac{9}{68}$	$\frac{8}{17}$	$\Phi_{476}^2\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{28}^2\ \Phi_{17}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
38572	834	784	$\frac{25}{392}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{367}{784}$	$\Phi_{784}^2\ \Phi_{112}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
38573	834	1820	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{121}{260}$	$\Phi_{1820}\ \Phi_{364}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
38574	834	770	$\frac{32}{385}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{353}{770}$	$\Phi_{770}^2\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
38575	834	255	$\frac{1}{17}$	$\frac{23}{255}$	$\frac{16}{85}$	$\frac{116}{255}$	$\Phi_{255}^3\ \Phi_{85}^4\ \Phi_{51}^3\ \Phi_{17}^3\ \Phi_{15}^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
38576	834	170	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{31}{170}$	$\frac{77}{170}$	$\Phi_{170}^4\ \Phi_{85}^6\ \Phi_{34}^4\ \Phi_{17}^5\ \Phi_{10}^4\ \Phi_5^6\ \Phi_2^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
38577	834	2280	$\frac{1}{38}$	$\frac{37}{380}$	$\frac{1}{3}$	$\frac{343}{760}$	$\Phi_{2280}\ \Phi_{456}\ \Phi_{120}\ \Phi_{114}\ \Phi_{57}\ \Phi_{24}\ \Phi_{6}$
38578	834	147	$\frac{8}{147}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{147}^{6}\ \Phi_{49}^{5}\ \Phi_{21}^{6}\ \Phi_{7}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
38579	834	252	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{7}$	$\frac{113}{252}$	$\Phi_{252}^{6}\ \Phi_{84}^{6}\ \Phi_{36}^{6}\ \Phi_{28}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{7}^{5}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
38580	834	448	$\frac{31}{448}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{448}^{2}\ \Phi_{224}^{2}\ \Phi_{112}^{2}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{28}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
38581	834	144	$\frac{5}{144}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{144}^{6}\ \Phi_{72}^{6}\ \Phi_{48}^{6}\ \Phi_{36}^{5}\ \Phi_{24}^{6}\ \Phi_{18}^{5}\ \Phi_{16}^{6}\ \Phi_{12}^{5}\ \Phi_{9}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
38582	834	248	$\frac{1}{31}$	$\frac{15}{124}$	$\frac{1}{4}$	$\frac{109}{248}$	$\Phi_{248}^{6}\ \Phi_{124}\ \Phi_{62}\ \Phi_{8}^{6}$
38583	834	245	$\frac{1}{49}$	$\frac{33}{245}$	$\frac{16}{49}$	$\frac{106}{245}$	$\Phi_{245}^{3}\ \Phi_{49}^{5}\ \Phi_{35}^{3}\ \Phi_{7}^{5}\ \Phi_{5}^{3}\ \Phi_{1}^{6}$
38584	834	245	$\frac{2}{35}$	$\frac{33}{245}$	$\frac{1}{7}$	$\frac{106}{245}$	$\Phi_{245}^{3}\ \Phi_{49}^{3}\ \Phi_{35}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
38585	834	1680	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{19}{120}$	$\frac{101}{240}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
38586	834	196	$\frac{1}{49}$	$\frac{8}{49}$	$\frac{57}{196}$	$\frac{41}{98}$	$\Phi_{196}^{6}\ \Phi_{49}^{5}\ \Phi_{28}^{6}\ \Phi_{7}^{5}\ \Phi_{4}^{6}\ \Phi_{1}^{6}$
38587	834	700	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{67}{350}$	$\frac{283}{700}$	$\Phi_{700}^{2}\ \Phi_{140}^{2}\ \Phi_{100}^{2}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
38588	834	705	$\frac{2}{141}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{705}\ \Phi_{235}\ \Phi_{141}^{2}\ \Phi_{47}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
38589	834	1035	$\frac{1}{69}$	$\frac{1}{5}$	$\frac{68}{207}$	$\frac{2}{5}$	$\Phi_{1035}\ \Phi_{207}^{2}\ \Phi_{45}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
38590	834	920	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{45}{184}$	$\frac{2}{5}$	$\Phi_{920}\ \Phi_{460}\ \Phi_{184}^{2}\ \Phi_{92}^{2}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
38591	834	720	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}^{2}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}^{2}\ \Phi_{60}\ \Phi_{48}^{2}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
38592	834	805	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{805}\ \Phi_{161}^{2}\ \Phi_{35}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
38593	834	680	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{77}{340}$	$\frac{263}{680}$	$\Phi_{680}^{2}\ \Phi_{136}^{2}\ \Phi_{85}^{2}\ \Phi_{40}^{2}\ \Phi_{17}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
38594	834	224	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{27}{112}$	$\frac{85}{224}$	$\Phi_{224}^{6}\ \Phi_{32}^{6}\ \Phi_{28}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
38595	834	1008	$\frac{5}{144}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
38596	834	210	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{34}{105}$	$\frac{71}{210}$	$\Phi_{210}^{6}\ \Phi_{70}^{6}\ \Phi_{42}^{6}\ \Phi_{35}^{6}\ \Phi_{30}^{6}\ \Phi_{14}^{6}\ \Phi_{10}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
38597	834	564	$\frac{2}{141}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{564}^{2}\ \Phi_{282}^{2}\ \Phi_{188}^{2}\ \Phi_{94}^{2}\ \Phi_{12}\ \Phi_{6}$
38598	834	828	$\frac{1}{69}$	$\frac{1}{4}$	$\frac{68}{207}$	$\frac{1}{3}$	$\Phi_{828}^{2}\ \Phi_{414}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{6}$
38599	834	462	$\frac{1}{22}$	$\frac{15}{154}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{462}^{3}\ \Phi_{231}^{3}\ \Phi_{66}\ \Phi_{42}^{3}\ \Phi_{33}\ \Phi_{21}^{3}\ \Phi_{6}$
38600	834	456	$\frac{1}{19}$	$\frac{13}{152}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{456}^{3}\ \Phi_{228}^{3}\ \Phi_{114}^{3}\ \Phi_{57}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
38601	834	198	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{59}{198}$	$\frac{1}{3}$	$\Phi_{198}^{6}\ \Phi_{99}^{6}\ \Phi_{66}\ \Phi_{33}\ \Phi_{18}^{6}\ \Phi_{9}^{6}\ \Phi_{6}$
38602	834	570	$\frac{1}{38}$	$\frac{37}{190}$	$\frac{51}{190}$	$\frac{1}{3}$	$\Phi_{570}^{2}\ \Phi_{285}^{2}\ \Phi_{114}^{3}\ \Phi_{57}^{3}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
38603	834	552	$\frac{1}{46}$	$\frac{45}{184}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{552}^{3}\ \Phi_{276}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
38604	834	1380	$\frac{2}{69}$	$\frac{67}{345}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{230}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
38605	834	144	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{144}^{6}\ \Phi_{72}^{6}\ \Phi_{48}^{6}\ \Phi_{36}^{6}\ \Phi_{24}^{6}\ \Phi_{18}^{6}\ \Phi_{16}^{6}\ \Phi_{12}^{3}\ \Phi_{9}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
38606	834	1932	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}\ \Phi_{6}$
38607	834	1596	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{115}{532}$	$\frac{1}{3}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{228}\ \Phi_{114}\ \Phi_{84}\ \Phi_{57}\ \Phi_{42}\ \Phi_{12}\ \Phi_{6}$
38608	834	528	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{37}{176}$	$\frac{1}{3}$	$\Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{66}\ \Phi_{48}^{3}\ \Phi_{33}\ \Phi_{24}^{3}\ \Phi_{6}$
38609	834	204	$\frac{3}{68}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{65}{204}$	$\Phi_{204}^{6}\ \Phi_{102}^{6}\ \Phi_{51}^{6}\ \Phi_{17}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
38610	834	1428	$\frac{3}{68}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{65}{204}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{357}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
38611	834	1260	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{41}{180}$	$\frac{19}{60}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{140}\ \Phi_{126}\ \Phi_{70}\ \Phi_{63}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
38612	834	1620	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{127}{405}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{324}\ \Phi_{162}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
38613	834	168	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{29}{168}$	$\frac{13}{42}$	$\Phi_{168}^{6}\ \Phi_{84}^{6}\ \Phi_{56}^{6}\ \Phi_{28}^{6}\ \Phi_{24}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
38614	834	1188	$\frac{19}{297}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
38615	834	170	$\frac{3}{34}$	$\frac{2}{17}$	$\frac{31}{170}$	$\frac{5}{17}$	$\Phi_{170}^6\ \Phi_{85}^6\ \Phi_{17}\ \Phi_{10}^6\ \Phi_5^6\ \Phi_1^2$
38616	834	153	$\frac{14}{153}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{153}^6\ \Phi_{51}^6\ \Phi_{17}\ \Phi_9^6\ \Phi_3^6\ \Phi_1^2$
38617	834	196	$\frac{3}{28}$	$\frac{25}{196}$	$\frac{1}{7}$	$\frac{57}{196}$	$\Phi_{196}^4\ \Phi_{98}^4\ \Phi_{49}^4\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
38618	834	147	$\frac{8}{147}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{147}^6\ \Phi_{49}^6\ \Phi_{21}^3\ \Phi_7^5\ \Phi_3^3\ \Phi_1^6$
38619	834	182	$\frac{5}{91}$	$\frac{1}{7}$	$\frac{43}{182}$	$\frac{2}{7}$	$\Phi_{182}^6\ \Phi_{91}^3\ \Phi_{26}^6\ \Phi_{14}^6\ \Phi_{13}^3\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
38620	834	170	$\frac{1}{17}$	$\frac{31}{170}$	$\frac{16}{85}$	$\frac{23}{85}$	$\Phi_{170}^6\ \Phi_{85}^4\ \Phi_{34}^6\ \Phi_{17}^3\ \Phi_{10}^6\ \Phi_5^4\ \Phi_2^6\ \Phi_1^4$
38621	834	1050	$\frac{11}{150}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{14}$
38622	834	147	$\frac{8}{147}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{147}^6\ \Phi_{49}^5\ \Phi_{21}^6\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
38623	834	372	$\frac{1}{31}$	$\frac{15}{62}$	$\frac{1}{4}$	$\frac{47}{186}$	$\Phi_{372}^4\ \Phi_{186}^2\ \Phi_{124}\ \Phi_{93}^2\ \Phi_{62}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
38624	834	180	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{180}$	$\frac{1}{4}$	$\Phi_{180}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^6\ \Phi_{36}^5\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^5\ \Phi_{15}^6\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_9^6\ \Phi_6^5\ \Phi_5^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
38625	834	1260	$\frac{1}{9}$	$\frac{37}{315}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
38626	834	324	$\frac{1}{9}$	$\frac{23}{162}$	$\frac{4}{27}$	$\frac{1}{4}$	$\Phi_{324}^4\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{18}\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
38627	834	1260	$\frac{4}{45}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{41}{180}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
38628	835	664	$\frac{1}{166}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{165}{332}$	$\Phi_{664}^2\ \Phi_{332}\ \Phi_8^3\ \Phi_4\ \Phi_1$
38629	835	1116	$\frac{2}{279}$	$\frac{281}{1116}$	$\frac{1}{3}$	$\frac{277}{558}$	$\Phi_{1116}\ \Phi_{372}\ \Phi_{279}\ \Phi_{124}\ \Phi_{93}\ \Phi_{36}\ \Phi_{31}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
38630	835	1656	$\frac{7}{828}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{821}{1656}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{184}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
38631	835	1656	$\frac{7}{828}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{821}{1656}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{184}\ \Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
38632	835	330	$\frac{2}{165}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{163}{330}$	$\Phi_{330}^2\ \Phi_{165}^3\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}^3\ \Phi_{33}^3\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}^3\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
38633	835	672	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{57}{224}$	$\frac{55}{112}$	$\Phi_{672}^2\ \Phi_{224}\ \Phi_{168}^2\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
38634	835	984	$\frac{3}{164}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{161}{328}$	$\Phi_{984}^2\ \Phi_{328}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
38635	835	186	$\frac{2}{93}$	$\frac{19}{186}$	$\frac{1}{3}$	$\frac{91}{186}$	$\Phi_{186}^4\ \Phi_{93}^5\ \Phi_{62}^4\ \Phi_{31}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
38636	835	1632	$\frac{19}{816}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{797}{1632}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
38637	835	1008	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{173}{1008}$	$\frac{163}{336}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
38638	835	324	$\frac{5}{162}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{157}{324}$	$\Phi_{324}^5\ \Phi_{108}^5\ \Phi_{36}^5\ \Phi_{27}\ \Phi_{12}^5\ \Phi_9\ \Phi_4^5\ \Phi_1$
38639	835	324	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{157}{324}$	$\Phi_{324}^5\ \Phi_{108}^5\ \Phi_{36}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
38640	835	966	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{155}{322}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{161}\ \Phi_{138}\ \Phi_{69}\ \Phi_{42}^2\ \Phi_{23}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
38641	835	192	$\frac{1}{24}$	$\frac{25}{192}$	$\frac{1}{6}$	$\frac{23}{48}$	$\Phi_{192}^5\ \Phi_{96}^5\ \Phi_{64}^5\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
38642	835	960	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{153}{320}$	$\Phi_{960}^2\ \Phi_{320}\ \Phi_{192}^2\ \Phi_{64}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
38643	835	1596	$\frac{37}{798}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{761}{1596}$	$\Phi_{1596}\ \Phi_{532}\ \Phi_{228}\ \Phi_{84}\ \Phi_{76}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
38644	835	312	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{145}{312}$	$\Phi_{312}^5\ \Phi_{104}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
38645	835	864	$\frac{29}{864}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
38646	835	924	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{6}$	$\frac{141}{308}$	$\Phi_{924}^2\ \Phi_{308}\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{44}\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
38647	835	1512	$\frac{5}{84}$	$\frac{79}{756}$	$\frac{1}{6}$	$\frac{677}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{168}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
38648	835	1488	$\frac{2}{93}$	$\frac{91}{744}$	$\frac{1}{3}$	$\frac{653}{1488}$	$\Phi_{1488}\ \Phi_{496}\ \Phi_{93}\ \Phi_{48}\ \Phi_{31}\ \Phi_{16}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
38649	835	528	$\frac{9}{176}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}\ \Phi_{132}^2\ \Phi_{88}\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
38650	835	294	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{1}{6}$	$\frac{127}{294}$	$\Phi_{294}^2\ \Phi_{147}^3\ \Phi_{98}^2\ \Phi_{49}^3\ \Phi_{42}^5\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_7^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
38651	835	288	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{1}{6}$	$\frac{121}{288}$	$\Phi_{288}^5\ \Phi_{96}^5\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
38652	835	1104	$\frac{7}{276}$	$\frac{1}{6}$	$\frac{269}{1104}$	$\frac{5}{12}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{184}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
38653	835	864	$\frac{29}{864}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
38654	835	840	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{27}{140}$	$\frac{113}{280}$	$\Phi_{840}^2\ \Phi_{280}\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{84}^2\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
38655	835	864	$\frac{29}{864}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
38656	835	846	$\frac{11}{846}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{846}\ \Phi_{423}\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}\ \Phi_{47}\ \Phi_9\ \Phi_1$
38657	835	1344	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{163}{672}$	$\frac{509}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{192}\ \Phi_{168}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
38658	835	1992	$\frac{1}{83}$	$\frac{1}{4}$	$\frac{82}{249}$	$\frac{3}{8}$	$\Phi_{1992}\ \Phi_{249}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
38659	835	252	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{41}{126}$	$\frac{85}{252}$	$\Phi_{252}^5\ \Phi_{84}^5\ \Phi_{42}^5\ \Phi_{36}^5\ \Phi_{28}^5\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_7^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
38660	835	1242	$\frac{7}{414}$	$\frac{2}{9}$	$\frac{407}{1242}$	$\frac{1}{3}$	$\Phi_{1242}\ \Phi_{621}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
38661	835	243	$\frac{5}{81}$	$\frac{2}{27}$	$\frac{76}{243}$	$\frac{1}{3}$	$\Phi_{243}^5\ \Phi_{27}\ \Phi_9\ \Phi_1$
38662	835	891	$\frac{56}{891}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{891}\ \Phi_{297}\ \Phi_{99}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_9\ \Phi_1$
38663	835	1116	$\frac{2}{93}$	$\frac{91}{372}$	$\frac{281}{1116}$	$\frac{1}{3}$	$\Phi_{1116}\ \Phi_{558}\ \Phi_{279}\ \Phi_{93}\ \Phi_{36}\ \Phi_{31}\ \Phi_{18}\ \Phi_9\ \Phi_1$
38664	835	216	$\frac{2}{27}$	$\frac{5}{54}$	$\frac{49}{216}$	$\frac{1}{3}$	$\Phi_{216}^5\ \Phi_{108}^5\ \Phi_{72}^5\ \Phi_{36}^5\ \Phi_{27}\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_9\ \Phi_8^5\ \Phi_4^5\ \Phi_1$
38665	835	864	$\frac{29}{864}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
38666	835	207	$\frac{7}{207}$	$\frac{40}{207}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{207}^4\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_9^5\ \Phi_3^4\ \Phi_1^5$
38667	835	189	$\frac{2}{27}$	$\frac{22}{189}$	$\frac{5}{27}$	$\frac{1}{3}$	$\Phi_{189}^5\ \Phi_{63}^5\ \Phi_{27}\ \Phi_{21}^5\ \Phi_9\ \Phi_7^5\ \Phi_1$
38668	835	198	$\frac{2}{33}$	$\frac{31}{198}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{198}^5\ \Phi_{99}^5\ \Phi_{66}^2\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}^5\ \Phi_{11}^3\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
38669	835	180	$\frac{13}{180}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{180}^5\ \Phi_{90}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{36}^5\ \Phi_{30}^2\ \Phi_{20}^5\ \Phi_{18}^5\ \Phi_{15}^3\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_9^5\ \Phi_6^4\ \Phi_5^3\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
38670	835	972	$\frac{2}{27}$	$\frac{137}{972}$	$\frac{25}{162}$	$\frac{1}{3}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{108}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
38671	835	216	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{49}{216}$	$\frac{23}{72}$	$\Phi_{216}^5\ \Phi_{108}^5\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
38672	835	1224	$\frac{19}{408}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{389}{1224}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
38673	835	1008	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{173}{1008}$	$\frac{79}{252}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
38674	835	240	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{73}{240}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^4\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{24}^5\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^3\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_8^5\ \Phi_6^4\ \Phi_5^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
38675	835	180	$\frac{13}{180}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{180}^5\ \Phi_{90}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{36}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
38676	835	216	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{49}{216}$	$\Phi_{216}^5\ \Phi_{108}^5\ \Phi_{72}^5\ \Phi_{36}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
38677	835	192	$\frac{1}{8}$	$\frac{25}{192}$	$\frac{1}{6}$	$\frac{7}{32}$	$\Phi_{192}^5\ \Phi_{96}^3\ \Phi_{64}^5\ \Phi_{48}^3\ \Phi_{32}^4\ \Phi_{24}^5\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
38678	835	600	$\frac{1}{8}$	$\frac{33}{200}$	$\frac{1}{6}$	$\frac{7}{40}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}\ \Phi_{150}^2\ \Phi_{100}\ \Phi_{75}^2\ \Phi_{50}\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
38679	836	1248	$\frac{1}{208}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{207}{416}$	$\Phi_{1248}\ \Phi_{416}^2\ \Phi_{96}\ \Phi_{32}^2\ \Phi_3\ \Phi_1^2$
38680	836	334	$\frac{1}{167}$	$\frac{42}{167}$	$\frac{125}{334}$	$\frac{83}{167}$	$\Phi_{334}^4\ \Phi_{167}\ \Phi_2^4\ \Phi_1^2$
38681	836	415	$\frac{3}{415}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{206}{415}$	$\Phi_{415}^2\ \Phi_{83}^2\ \Phi_5^3\ \Phi_1^4$
38682	836	2070	$\frac{2}{207}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{205}{414}$	$\Phi_{2070}\ \Phi_{690}\ \Phi_{230}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
38683	836	300	$\frac{1}{75}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{37}{75}$	$\Phi_{300}^{5}\ \Phi_{100}^{5}\ \Phi_{75}\ \Phi_{60}^{5}\ \Phi_{25}\ \Phi_{20}^{6}\ \Phi_{15}\ \Phi_{12}^{5}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{3}\ \Phi_{1}^{2}$
38684	836	75	$\frac{1}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{37}{75}$	$\Phi_{75}^{11}\ \Phi_{25}^{11}\ \Phi_{15}^{12}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
38685	836	280	$\frac{1}{70}$	$\frac{1}{5}$	$\frac{71}{280}$	$\frac{69}{140}$	$\Phi_{280}^{4}\ \Phi_{70}^{4}\ \Phi_{56}^{4}\ \Phi_{40}^{4}\ \Phi_{35}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
38686	836	410	$\frac{4}{205}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{201}{410}$	$\Phi_{410}^{4}\ \Phi_{82}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
38687	836	1548	$\frac{1}{43}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{21}{43}$	$\Phi_{1548}\ \Phi_{516}\ \Phi_{172}\ \Phi_{43}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
38688	836	903	$\frac{1}{43}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{903}\ \Phi_{301}\ \Phi_{43}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
38689	836	1161	$\frac{1}{43}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{21}{43}$	$\Phi_{1161}\ \Phi_{43}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$
38690	836	1032	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{21}{43}$	$\Phi_{1032}\ \Phi_{516}\ \Phi_{344}\ \Phi_{172}\ \Phi_{43}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
38691	836	1260	$\frac{1}{42}$	$\frac{43}{252}$	$\frac{1}{5}$	$\frac{41}{84}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
38692	836	2040	$\frac{5}{204}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{199}{408}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{120}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
38693	836	777	$\frac{1}{37}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{18}{37}$	$\Phi_{777}\ \Phi_{259}\ \Phi_{111}\ \Phi_{37}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
38694	836	444	$\frac{1}{37}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{444}^{2}\ \Phi_{222}^{2}\ \Phi_{148}^{2}\ \Phi_{111}\ \Phi_{74}^{2}\ \Phi_{37}^{2}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
38695	836	518	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{18}{37}$	$\Phi_{518}^{2}\ \Phi_{259}\ \Phi_{74}^{2}\ \Phi_{37}^{2}\ \Phi_{14}^{4}\ \Phi_{7}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
38696	836	835	$\frac{23}{835}$	$\frac{39}{835}$	$\frac{398}{835}$	$\frac{406}{835}$	$\Phi_{835}\ \Phi_{167}\ \Phi_{5}\ \Phi_{1}^{2}$
38697	836	2030	$\frac{6}{203}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{197}{406}$	$\Phi_{2030}\ \Phi_{290}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
38698	836	405	$\frac{13}{405}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{196}{405}$	$\Phi_{405}^{2}\ \Phi_{135}^{2}\ \Phi_{81}^{2}\ \Phi_{45}^{2}\ \Phi_{27}^{2}\ \Phi_{15}^{4}\ \Phi_{9}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
38699	836	240	$\frac{1}{30}$	$\frac{31}{240}$	$\frac{1}{5}$	$\frac{29}{60}$	$\Phi_{240}^{4}\ \Phi_{120}^{4}\ \Phi_{80}^{4}\ \Phi_{48}^{4}\ \Phi_{40}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{16}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
38700	836	805	$\frac{31}{805}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{387}{805}$	$\Phi_{805}\ \Phi_{161}\ \Phi_{115}\ \Phi_{35}^{2}\ \Phi_{23}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
38701	836	924	$\frac{3}{77}$	$\frac{1}{12}$	$\frac{20}{77}$	$\frac{37}{77}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}$
38702	836	400	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{191}{400}$	$\Phi_{400}^{4}\ \Phi_{80}^{4}\ \Phi_{16}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
38703	836	420	$\frac{1}{21}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{3}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
38704	836	835	$\frac{41}{835}$	$\frac{56}{835}$	$\frac{219}{835}$	$\frac{397}{835}$	$\Phi_{835}\ \Phi_{167}\ \Phi_{5}\ \Phi_{1}^{2}$
38705	836	1257	$\frac{20}{419}$	$\frac{21}{419}$	$\frac{1}{3}$	$\frac{199}{419}$	Φ_{1257}
38706	836	828	$\frac{1}{23}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{828}^{2}\ \Phi_{276}^{2}\ \Phi_{92}^{2}\ \Phi_{69}$
38707	836	1548	$\frac{1}{18}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{17}{36}$	$\Phi_{1548}\ \Phi_{516}\ \Phi_{172}\ \Phi_{43}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
38708	836	180	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{180}^{5}\ \Phi_{90}^{6}\ \Phi_{60}^{6}\ \Phi_{45}^{6}\ \Phi_{30}^{7}\ \Phi_{20}^{6}\ \Phi_{15}^{7}\ \Phi_{10}^{7}\ \Phi_{5}^{6}$
38709	836	1960	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{183}{392}$	$\Phi_{1960}\ \Phi_{280}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{10}$
38710	836	60	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{60}^{15}\ \Phi_{30}^{15}\ \Phi_{20}^{14}\ \Phi_{15}^{12}\ \Phi_{12}^{15}\ \Phi_{10}^{14}\ \Phi_{6}^{15}\ \Phi_{5}^{11}\ \Phi_{4}^{14}\ \Phi_{3}^{12}\ \Phi_{2}^{14}\ \Phi_{1}^{12}$
38711	836	1120	$\frac{15}{224}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{160}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{10}$
38712	836	390	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{1}{5}$	$\frac{181}{390}$	$\Phi_{390}^{4}\ \Phi_{130}^{4}\ \Phi_{78}^{4}\ \Phi_{30}^{4}\ \Phi_{26}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
38713	836	598	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{598}^{2}\ \Phi_{299}\ \Phi_{46}^{2}$
38714	836	35	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{16}{35}$	$\Phi_{35}^{24}\ \Phi_{7}^{24}\ \Phi_{5}^{23}\ \Phi_{1}^{24}$
38715	836	420	$\frac{1}{12}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{3}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{42}^{3}\ \Phi_{30}^{2}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
38716	836	835	$\frac{32}{835}$	$\frac{73}{835}$	$\frac{227}{835}$	$\frac{381}{835}$	$\Phi_{835}\ \Phi_{167}\ \Phi_{5}\ \Phi_{1}^{2}$
38717	836	1257	$\frac{12}{419}$	$\frac{37}{419}$	$\frac{1}{3}$	$\frac{191}{419}$	Φ_{1257}
38718	836	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{132}^{7}\ \Phi_{66}^{7}\ \Phi_{44}^{7}\ \Phi_{33}^{7}\ \Phi_{22}^{3}\ \Phi_{12}^{6}\ \Phi_{11}^{4}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
38719	836	780	$\frac{1}{39}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{780}^{2}\ \Phi_{260}^{2}\ \Phi_{156}^{2}\ \Phi_{60}\ \Phi_{52}^{2}\ \Phi_{39}^{2}\ \Phi_{20}^{2}\ \Phi_{13}^{2}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
38720	836	100	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{6}{25}$	$\frac{9}{20}$	$\Phi_{100}^{15}\ \Phi_{25}^{3}\ \Phi_{20}^{16}\ \Phi_{5}^{3}\ \Phi_{4}^{16}\ \Phi_{1}^{4}$
38721	836	20	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{20}^{40}\ \Phi_{10}^{44}\ \Phi_{5}^{43}\ \Phi_{4}^{40}\ \Phi_{2}^{44}\ \Phi_{1}^{44}$
38722	836	180	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{7}{45}$	$\frac{9}{20}$	$\Phi_{180}^{10}\ \Phi_{60}^{5}\ \Phi_{45}^{2}\ \Phi_{36}^{10}\ \Phi_{20}^{6}\ \Phi_{15}\ \Phi_{12}^{5}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{3}\ \Phi_{1}^{2}$
38723	836	1890	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{1}{5}$	$\frac{169}{378}$	$\Phi_{1890}\ \Phi_{630}\ \Phi_{270}\ \Phi_{210}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
38724	836	540	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{180}\ \Phi_{135}^{2}\ \Phi_{108}^{2}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}^{2}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
38725	836	735	$\frac{4}{105}$	$\frac{101}{735}$	$\frac{1}{5}$	$\frac{317}{735}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}\ \Phi_{105}^{2}\ \Phi_{49}\ \Phi_{35}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
38726	836	84	$\frac{1}{12}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{84}^{11}\ \Phi_{42}^{11}\ \Phi_{28}^{11}\ \Phi_{21}^{7}\ \Phi_{14}^{11}\ \Phi_{12}^{10}\ \Phi_{7}^{8}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{6}\ \Phi_{2}^{10}\ \Phi_{1}^{8}$
38727	836	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{132}^{7}\ \Phi_{66}^{7}\ \Phi_{44}^{7}\ \Phi_{33}^{5}\ \Phi_{22}^{7}\ \Phi_{12}^{6}\ \Phi_{11}^{4}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{4}$
38728	836	360	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{1}{5}$	$\frac{151}{360}$	$\Phi_{360}^{4}\ \Phi_{120}^{4}\ \Phi_{72}^{4}\ \Phi_{40}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
38729	836	1080	$\frac{7}{216}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
38730	836	1440	$\frac{1}{45}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{96}\ \Phi_{90}\ \Phi_{60}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
38731	836	350	$\frac{1}{35}$	$\frac{34}{175}$	$\frac{1}{5}$	$\frac{141}{350}$	$\Phi_{350}^{4}\ \Phi_{70}^{4}\ \Phi_{50}^{4}\ \Phi_{35}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
38732	836	100	$\frac{1}{20}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{100}^{10}\ \Phi_{50}^{10}\ \Phi_{25}^{8}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
38733	836	1386	$\frac{1}{77}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1386}\ \Phi_{462}\ \Phi_{231}\ \Phi_{198}\ \Phi_{154}\ \Phi_{126}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}$
38734	836	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{180}^{5}\ \Phi_{90}^{5}\ \Phi_{60}^{5}\ \Phi_{45}^{5}\ \Phi_{36}^{5}\ \Phi_{30}^{5}\ \Phi_{20}^{4}\ \Phi_{18}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{6}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
38735	836	1680	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{41}{168}$	$\frac{127}{336}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{240}\ \Phi_{210}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
38736	836	1232	$\frac{1}{77}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1232}\ \Phi_{308}\ \Phi_{176}\ \Phi_{154}\ \Phi_{112}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}$
38737	836	360	$\frac{1}{45}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^{2}\ \Phi_{180}^{3}\ \Phi_{120}^{2}\ \Phi_{90}^{3}\ \Phi_{72}^{2}\ \Phi_{60}^{3}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{3}\ \Phi_{30}^{3}\ \Phi_{24}\ \Phi_{20}^{3}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
38738	836	90	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{90}^{15}\ \Phi_{45}^{4}\ \Phi_{30}^{14}\ \Phi_{18}^{15}\ \Phi_{15}^{4}\ \Phi_{10}^{14}\ \Phi_{9}^{4}\ \Phi_{6}^{14}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{14}\ \Phi_{1}^{4}$
38739	836	315	$\frac{2}{105}$	$\frac{1}{5}$	$\frac{103}{315}$	$\frac{106}{315}$	$\Phi_{315}^{2}\ \Phi_{105}^{4}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{35}^{4}\ \Phi_{21}^{2}\ \Phi_{15}^{4}\ \Phi_{9}^{2}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
38740	836	312	$\frac{1}{104}$	$\frac{103}{312}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{312}^{3}\ \Phi_{156}^{3}\ \Phi_{104}^{2}\ \Phi_{78}^{3}\ \Phi_{52}^{2}\ \Phi_{39}^{3}\ \Phi_{26}^{2}\ \Phi_{24}^{3}\ \Phi_{13}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
38741	836	636	$\frac{3}{212}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{636}\ \Phi_{318}\ \Phi_{212}^{2}\ \Phi_{159}\ \Phi_{106}^{2}\ \Phi_{53}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
38742	836	780	$\frac{1}{52}$	$\frac{51}{260}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}^{2}\ \Phi_{195}\ \Phi_{130}^{2}\ \Phi_{65}^{2}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
38743	836	216	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{216}^{4}\ \Phi_{108}^{4}\ \Phi_{72}^{4}\ \Phi_{54}^{4}\ \Phi_{36}^{4}\ \Phi_{27}^{4}\ \Phi_{24}^{3}\ \Phi_{18}^{4}\ \Phi_{12}^{3}\ \Phi_{9}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
38744	836	234	$\frac{1}{26}$	$\frac{25}{234}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{234}^{4}\ \Phi_{117}^{4}\ \Phi_{78}^{3}\ \Phi_{39}^{3}\ \Phi_{26}^{2}\ \Phi_{18}^{4}\ \Phi_{13}^{2}\ \Phi_{9}^{4}\ \Phi_{6}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
38745	836	483	$\frac{1}{23}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{483}^{2}\ \Phi_{161}^{2}\ \Phi_{69}$
38746	836	312	$\frac{5}{104}$	$\frac{9}{104}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{312}^{2}\ \Phi_{156}^{2}\ \Phi_{104}^{4}\ \Phi_{78}^{2}\ \Phi_{52}^{4}\ \Phi_{39}^{2}\ \Phi_{26}^{4}\ \Phi_{24}^{2}\ \Phi_{13}^{4}\ \Phi_{12}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
38747	836	60	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{60}^{15}\ \Phi_{30}^{15}\ \Phi_{20}^{14}\ \Phi_{15}^{15}\ \Phi_{12}^{11}\ \Phi_{10}^{14}\ \Phi_{6}^{11}\ \Phi_{5}^{14}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
38748	836	663	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{663}\ \Phi_{221}^{2}\ \Phi_{51}\ \Phi_{17}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
38749	836	672	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}^{2}\ \Phi_{168}\ \Phi_{112}^{2}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{32}^{2}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
38750	836	1260	$\frac{1}{20}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
38751	836	621	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{621}^{2}\ \Phi_{69}$
38752	836	195	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{195}^{4}\ \Phi_{65}^{4}\ \Phi_{39}^{6}\ \Phi_{15}^{3}\ \Phi_{13}^{6}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
38753	836	1380	$\frac{2}{69}$	$\frac{1}{5}$	$\frac{67}{276}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{230}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
38754	836	903	$\frac{3}{43}$	$\frac{2}{21}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{903}\ \Phi_{301}\ \Phi_{43}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
38755	836	1080	$\frac{7}{216}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
38756	836	1035	$\frac{1}{23}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{115}\ \Phi_{69}$
38757	836	420	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{60}^4\ \Phi_{42}\ \Phi_{30}^4\ \Phi_{21}^2\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
38758	836	552	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{184}^2\ \Phi_{92}^2\ \Phi_{69}$
38759	836	420	$\frac{1}{12}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^2\ \Phi_{70}^3\ \Phi_{60}\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
38760	836	270	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{61}{270}$	$\frac{29}{90}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{54}^4\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
38761	836	1260	$\frac{1}{21}$	$\frac{43}{252}$	$\frac{1}{5}$	$\frac{20}{63}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
38762	836	1530	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{97}{306}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
38763	836	300	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{91}{300}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{75}^4\ \Phi_{60}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
38764	836	396	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}\ \Phi_{99}^2\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}^3\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}^3\ \Phi_9^2$
38765	836	1161	$\frac{3}{43}$	$\frac{1}{9}$	$\frac{10}{43}$	$\frac{8}{27}$	$\Phi_{1161}\ \Phi_{43}\ \Phi_{27}^2\ \Phi_1^2$
38766	836	540	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{135}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
38767	836	1470	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{5}$	$\frac{85}{294}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
38768	836	225	$\frac{16}{225}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{225}^4\ \Phi_{75}^4\ \Phi_{45}^2\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_9^2\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
38769	836	420	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38770	836	75	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{6}{25}$	$\frac{4}{15}$	$\Phi_{75}^{15}\ \Phi_{25}^3\ \Phi_{15}^{16}\ \Phi_5^3\ \Phi_3^{16}\ \Phi_1^4$
38771	836	60	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{60}^{20}\ \Phi_{30}^{20}\ \Phi_{20}^4\ \Phi_{15}^{16}\ \Phi_{12}^{20}\ \Phi_{10}^4\ \Phi_6^{20}\ \Phi_5^3\ \Phi_4^4\ \Phi_3^{16}\ \Phi_2^4\ \Phi_1^4$
38772	836	45	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{45}^{22}\ \Phi_{15}^{12}\ \Phi_9^{22}\ \Phi_5^{11}\ \Phi_3^{12}\ \Phi_1^{12}$
38773	836	225	$\frac{16}{225}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{225}^4\ \Phi_{75}^3\ \Phi_{45}^4\ \Phi_{25}^3\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
38774	836	1032	$\frac{3}{43}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{10}{43}$	$\Phi_{1032}\ \Phi_{516}\ \Phi_{344}\ \Phi_{172}\ \Phi_{43}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
38775	836	270	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{61}{270}$	$\Phi_{270}^4\ \Phi_{135}^2\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^2\ \Phi_{30}^4\ \Phi_{27}^2\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
38776	836	240	$\frac{1}{10}$	$\frac{31}{240}$	$\frac{1}{5}$	$\frac{9}{40}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
38777	836	210	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{210}^7\ \Phi_{105}^4\ \Phi_{70}^5\ \Phi_{35}^3\ \Phi_{30}^7\ \Phi_{15}^4\ \Phi_{10}^5\ \Phi_5^2$
38778	836	120	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{120}^{11}\ \Phi_{60}^6\ \Phi_{40}^{11}\ \Phi_{30}^7\ \Phi_{20}^6\ \Phi_{15}^7\ \Phi_{10}^7\ \Phi_5^6$
38779	836	250	$\frac{1}{10}$	$\frac{41}{250}$	$\frac{9}{50}$	$\frac{1}{5}$	$\Phi_{250}^4\ \Phi_{125}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
38780	837	1664	$\frac{5}{832}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{827}{1664}$	$\Phi_{1664}\ \Phi_{128}\ \Phi_8\ \Phi_1$
38781	837	1120	$\frac{3}{280}$	$\frac{1}{4}$	$\frac{283}{1120}$	$\frac{277}{560}$	$\Phi_{1120}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
38782	837	368	$\frac{1}{92}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{91}{184}$	$\Phi_{368}^4\ \Phi_{184}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
38783	837	184	$\frac{1}{92}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{91}{184}$	$\Phi_{184}^9\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
38784	837	1520	$\frac{1}{76}$	$\frac{77}{760}$	$\frac{683}{1520}$	$\frac{75}{152}$	$\Phi_{1520}\ \Phi_{304}\ \Phi_{152}\ \Phi_{80}\ \Phi_{16}\ \Phi_8\ \Phi_1$
38785	837	1100	$\frac{4}{275}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{271}{550}$	$\Phi_{1100}\ \Phi_{275}\ \Phi_{220}\ \Phi_{100}\ \Phi_{55}\ \Phi_{44}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
38786	837	112	$\frac{1}{56}$	$\frac{19}{112}$	$\frac{1}{4}$	$\frac{55}{112}$	$\Phi_{112}^6\ \Phi_{56}^9\ \Phi_{28}^9\ \Phi_{16}^6\ \Phi_{14}^9\ \Phi_8^9\ \Phi_7^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
38787	837	1640	$\frac{17}{820}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{803}{1640}$	$\Phi_{1640}\ \Phi_{328}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
38788	837	364	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{89}{182}$	$\Phi_{364}^3\ \Phi_{91}^3\ \Phi_{52}^3\ \Phi_{28}^4\ \Phi_{14}\ \Phi_{13}^3\ \Phi_7^3\ \Phi_4^3\ \Phi_1^3$
38789	837	176	$\frac{1}{44}$	$\frac{5}{88}$	$\frac{83}{176}$	$\frac{43}{88}$	$\Phi_{176}^9\ \Phi_{88}\ \Phi_{16}^9\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
38790	837	352	$\frac{1}{44}$	$\frac{15}{88}$	$\frac{73}{352}$	$\frac{43}{88}$	$\Phi_{352}^3\ \Phi_{176}^3\ \Phi_{88}\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8\ \Phi_1$
38791	837	320	$\frac{1}{40}$	$\frac{41}{320}$	$\frac{1}{4}$	$\frac{39}{80}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
38792	837	544	$\frac{7}{272}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{265}{544}$	$\Phi_{544}^3\ \Phi_{32}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
38793	837	1624	$\frac{25}{812}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{787}{1624}$	$\Phi_{1624}\ \Phi_{232}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
38794	837	780	$\frac{1}{30}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{29}{60}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
38795	837	780	$\frac{1}{30}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{29}{60}$	$\Phi_{780}^2\ \Phi_{260}^2\ \Phi_{156}^2\ \Phi_{60}^3\ \Phi_{52}^2\ \Phi_{20}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
38796	837	60	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{60}^9\ \Phi_{30}^{18}\ \Phi_{20}^{11}\ \Phi_{15}^{18}\ \Phi_{12}^9\ \Phi_{10}^{19}\ \Phi_6^{18}\ \Phi_5^{19}\ \Phi_4^{10}\ \Phi_3^{18}\ \Phi_2^{18}\ \Phi_1^{19}$
38797	837	1716	$\frac{1}{26}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{132}\ \Phi_{52}\ \Phi_{44}\ \Phi_{33}\ \Phi_{11}\ \Phi_4\ \Phi_1$
38798	837	2340	$\frac{1}{26}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{25}{52}$	$\Phi_{2340}\ \Phi_{468}\ \Phi_{180}\ \Phi_{52}\ \Phi_{45}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
38799	837	520	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{25}{52}$	$\Phi_{520}^2\ \Phi_{130}^2\ \Phi_{104}^2\ \Phi_{65}^2\ \Phi_{52}\ \Phi_{40}^3\ \Phi_{26}^2\ \Phi_{20}\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
38800	837	1820	$\frac{1}{26}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{1820}\ \Phi_{364}\ \Phi_{140}\ \Phi_{52}\ \Phi_{35}\ \Phi_{28}\ \Phi_7\ \Phi_4\ \Phi_1$
38801	837	468	$\frac{1}{26}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{25}{52}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{36}^3\ \Phi_{26}^2\ \Phi_{18}^3\ \Phi_{13}^2\ \Phi_{12}\ \Phi_9^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
38802	837	1600	$\frac{37}{800}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{763}{1600}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
38803	837	532	$\frac{13}{266}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{253}{532}$	$\Phi_{532}^3\ \Phi_{76}^3\ \Phi_{28}^3\ \Phi_{19}^2\ \Phi_4^3\ \Phi_1^3$
38804	837	532	$\frac{13}{266}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{253}{532}$	$\Phi_{532}\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{76}\ \Phi_{38}^2\ \Phi_{28}^3\ \Phi_{19}^2\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
38805	837	896	$\frac{3}{56}$	$\frac{59}{896}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
38806	837	176	$\frac{1}{22}$	$\frac{5}{88}$	$\frac{7}{22}$	$\frac{83}{176}$	$\Phi_{176}^9\ \Phi_{22}^2\ \Phi_{16}^9\ \Phi_{11}^2\ \Phi_2^2\ \Phi_1^3$
38807	837	176	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{83}{176}$	$\Phi_{176}^9\ \Phi_{16}^9\ \Phi_{11}^4\ \Phi_1^5$
38808	837	380	$\frac{1}{19}$	$\frac{6}{95}$	$\frac{101}{380}$	$\frac{89}{190}$	$\Phi_{380}^3\ \Phi_{95}^3\ \Phi_{76}^3\ \Phi_{20}^3\ \Phi_{19}^2\ \Phi_5^3\ \Phi_4^3\ \Phi_1^3$
38809	837	1568	$\frac{3}{56}$	$\frac{53}{784}$	$\frac{1}{4}$	$\frac{731}{1568}$	$\Phi_{1568}\ \Phi_{224}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
38810	837	520	$\frac{1}{20}$	$\frac{19}{260}$	$\frac{1}{4}$	$\frac{241}{520}$	$\Phi_{520}^3\ \Phi_{104}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
38811	837	1144	$\frac{1}{22}$	$\frac{21}{286}$	$\frac{307}{1144}$	$\frac{265}{572}$	$\Phi_{1144}\ \Phi_{286}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
38812	837	880	$\frac{43}{880}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
38813	837	968	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{131}{968}$	$\frac{111}{242}$	$\Phi_{968}\ \Phi_{484}\ \Phi_{121}\ \Phi_{88}\ \Phi_{44}\ \Phi_8\ \Phi_4\ \Phi_1$
38814	837	1540	$\frac{67}{770}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{703}{1540}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_4\ \Phi_1$
38815	837	33	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{33}^{27}\ \Phi_{11}^{22}\ \Phi_3^{27}\ \Phi_1^{23}$
38816	837	1520	$\frac{1}{19}$	$\frac{77}{760}$	$\frac{18}{95}$	$\frac{683}{1520}$	$\Phi_{1520}\ \Phi_{304}\ \Phi_{95}\ \Phi_{80}\ \Phi_{16}\ \Phi_5\ \Phi_1$
38817	837	38	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{7}{38}$	$\frac{17}{38}$	$\Phi_{38}^{18}\ \Phi_{19}^{26}\ \Phi_2^{18}\ \Phi_1^{27}$
38818	837	56	$\frac{1}{28}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{56}^{27}\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_8^{27}\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
38819	837	368	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{15}{46}$	$\frac{7}{16}$	$\Phi_{368}^4\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{16}^5\ \Phi_2^2\ \Phi_1^3$
38820	837	32	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{32}^{27}\ \Phi_{16}^{24}\ \Phi_8^{27}\ \Phi_4^{26}\ \Phi_2^{26}\ \Phi_1^{27}$
38821	837	1840	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{22}{115}$	$\frac{7}{16}$	$\Phi_{1840}\ \Phi_{115}\ \Phi_{80}\ \Phi_{16}\ \Phi_5\ \Phi_1$
38822	837	308	$\frac{1}{11}$	$\frac{29}{308}$	$\frac{10}{77}$	$\frac{67}{154}$	$\Phi_{308}^3\ \Phi_{154}^2\ \Phi_{77}^3\ \Phi_{44}^3\ \Phi_{28}^3\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_7^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
38823	837	980	$\frac{1}{35}$	$\frac{34}{245}$	$\frac{1}{4}$	$\frac{211}{490}$	$\Phi_{980}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}^2\ \Phi_{70}\ \Phi_{49}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
38824	837	484	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{37}{242}$	$\frac{205}{484}$	$\Phi_{484}^3\ \Phi_{121}\ \Phi_{44}^3\ \Phi_4^3\ \Phi_1$
38825	837	160	$\frac{1}{40}$	$\frac{13}{80}$	$\frac{1}{4}$	$\frac{67}{160}$	$\Phi_{160}^9\ \Phi_{40}^3\ \Phi_{32}^9\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
38826	837	1408	$\frac{1}{44}$	$\frac{133}{704}$	$\frac{43}{176}$	$\frac{571}{1408}$	$\Phi_{1408}\ \Phi_{176}\ \Phi_{128}\ \Phi_{88}\ \Phi_{16}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
38827	837	950	$\frac{1}{19}$	$\frac{113}{950}$	$\frac{18}{95}$	$\frac{77}{190}$	$\Phi_{950}\ \Phi_{475}\ \Phi_{95}\ \Phi_{50}\ \Phi_{25}\ \Phi_5\ \Phi_1$
38828	837	1400	$\frac{3}{140}$	$\frac{137}{700}$	$\frac{1}{4}$	$\frac{563}{1400}$	$\Phi_{1400}\ \Phi_{280}\ \Phi_{200}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
38829	837	152	$\frac{1}{76}$	$\frac{17}{76}$	$\frac{25}{76}$	$\frac{59}{152}$	$\Phi_{152}^9\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
38830	837	152	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{17}{76}$	$\frac{59}{152}$	$\Phi_{152}^9\ \Phi_{19}^8\ \Phi_8^9\ \Phi_1^9$
38831	837	132	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{132}^{11}\ \Phi_{44}^9\ \Phi_{33}^5\ \Phi_{12}^{11}\ \Phi_{11}^4\ \Phi_4^9\ \Phi_3^5\ \Phi_1^5$
38832	837	352	$\frac{1}{44}$	$\frac{73}{352}$	$\frac{43}{176}$	$\frac{133}{352}$	$\Phi_{352}^2\ \Phi_{176}^3\ \Phi_{88}^3\ \Phi_{44}^2\ \Phi_{32}^2\ \Phi_{22}^2\ \Phi_{16}^3\ \Phi_{11}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
38833	837	448	$\frac{1}{56}$	$\frac{55}{224}$	$\frac{1}{4}$	$\frac{169}{448}$	$\Phi_{448}^3\ \Phi_{64}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
38834	837	1216	$\frac{1}{76}$	$\frac{75}{304}$	$\frac{379}{1216}$	$\frac{229}{608}$	$\Phi_{1216}\ \Phi_{304}\ \Phi_{152}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
38835	837	416	$\frac{5}{416}$	$\frac{1}{4}$	$\frac{137}{416}$	$\frac{3}{8}$	$\Phi_{416}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{32}^2\ \Phi_{26}^2\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
38836	837	848	$\frac{11}{848}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{848}\ \Phi_{424}\ \Phi_{212}\ \Phi_{106}\ \Phi_{53}\ \Phi_8\ \Phi_1$
38837	837	1040	$\frac{5}{208}$	$\frac{203}{1040}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
38838	837	32	$\frac{1}{32}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{32}^{26}\ \Phi_{16}^{26}\ \Phi_8^{27}\ \Phi_4^{26}\ \Phi_2^{26}\ \Phi_1^{27}$
38839	837	104	$\frac{5}{104}$	$\frac{11}{104}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{104}^8\ \Phi_{52}^8\ \Phi_{26}^8\ \Phi_{13}^8\ \Phi_8^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
38840	837	896	$\frac{59}{896}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
38841	837	95	$\frac{2}{95}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{95}^9\ \Phi_{19}^8\ \Phi_5^9\ \Phi_1^9$
38842	837	440	$\frac{1}{44}$	$\frac{43}{220}$	$\frac{59}{220}$	$\frac{161}{440}$	$\Phi_{440}^3\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}^3\ \Phi_{55}\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_1$
38843	837	224	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{224}^4\ \Phi_{112}^4\ \Phi_{56}^4\ \Phi_{32}^3\ \Phi_{28}^4\ \Phi_{16}^3\ \Phi_{14}\ \Phi_8^3\ \Phi_7^3\ \Phi_4^3\ \Phi_1^3$
38844	837	336	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{336}^4\ \Phi_{112}^4\ \Phi_{56}^4\ \Phi_{48}^3\ \Phi_{28}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
38845	837	304	$\frac{1}{19}$	$\frac{25}{304}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{304}^3\ \Phi_{152}^3\ \Phi_{76}^3\ \Phi_{19}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^3\ \Phi_1^3$
38846	837	308	$\frac{1}{22}$	$\frac{29}{308}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{308}^3\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{28}^3\ \Phi_{22}^2\ \Phi_{14}^3\ \Phi_{11}^2\ \Phi_7^3\ \Phi_2^2\ \Phi_1^3$
38847	837	140	$\frac{1}{70}$	$\frac{1}{4}$	$\frac{23}{70}$	$\frac{47}{140}$	$\Phi_{140}^5\ \Phi_{70}^7\ \Phi_{35}^7\ \Phi_{28}^5\ \Phi_{20}^5\ \Phi_{14}^7\ \Phi_{10}^7\ \Phi_7^7\ \Phi_5^7\ \Phi_4^4\ \Phi_2^6\ \Phi_1^7$
38848	837	429	$\frac{2}{33}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{429}^2\ \Phi_{143}^2\ \Phi_{33}^3\ \Phi_{13}^2\ \Phi_{11}^3\ \Phi_1^3$
38849	837	660	$\frac{2}{33}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
38850	837	92	$\frac{1}{46}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{15}{46}$	$\Phi_{92}^8\ \Phi_{46}^{10}\ \Phi_{23}^{10}\ \Phi_4^{10}\ \Phi_2^{12}\ \Phi_1^{13}$
38851	837	209	$\frac{5}{209}$	$\frac{47}{209}$	$\frac{54}{209}$	$\frac{68}{209}$	$\Phi_{209}^4\ \Phi_{19}^4\ \Phi_{11}^4\ \Phi_1^5$
38852	837	40	$\frac{1}{40}$	$\frac{9}{40}$	$\frac{1}{4}$	$\frac{13}{40}$	$\Phi_{40}^{21}\ \Phi_{20}^{21}\ \Phi_{10}^{21}\ \Phi_8^{21}\ \Phi_5^{21}\ \Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^{21}$
38853	837	275	$\frac{8}{275}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{89}{275}$	$\Phi_{275}^3\ \Phi_{55}^3\ \Phi_{25}^3\ \Phi_{11}^4\ \Phi_5^3\ \Phi_1^5$
38854	837	112	$\frac{1}{28}$	$\frac{19}{112}$	$\frac{1}{4}$	$\frac{9}{28}$	$\Phi_{112}^9\ \Phi_{56}^9\ \Phi_{28}^3\ \Phi_{16}^9\ \Phi_{14}^3\ \Phi_8^9\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
38855	837	44	$\frac{1}{22}$	$\frac{5}{44}$	$\frac{13}{44}$	$\frac{7}{22}$	$\Phi_{44}^{18}\ \Phi_{22}^{20}\ \Phi_{11}^{20}\ \Phi_4^{18}\ \Phi_2^{20}\ \Phi_1^{21}$
38856	837	110	$\frac{1}{22}$	$\frac{17}{110}$	$\frac{5}{22}$	$\frac{7}{22}$	$\Phi_{110}^9\ \Phi_{55}^9\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{10}^9\ \Phi_5^9\ \Phi_2^2\ \Phi_1^3$
38857	837	352	$\frac{1}{22}$	$\frac{15}{88}$	$\frac{73}{352}$	$\frac{7}{22}$	$\Phi_{352}^3\ \Phi_{176}^3\ \Phi_{32}^3\ \Phi_{22}^2\ \Phi_{16}^3\ \Phi_{11}^2\ \Phi_2^2\ \Phi_1^3$
38858	837	136	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{43}{136}$	$\Phi_{136}^6\ \Phi_{68}^6\ \Phi_{34}^6\ \Phi_{17}^6\ \Phi_8^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
38859	837	133	$\frac{1}{19}$	$\frac{13}{133}$	$\frac{40}{133}$	$\frac{6}{19}$	$\Phi_{133}^6\ \Phi_{19}^8\ \Phi_7^6\ \Phi_1^9$
38860	837	585	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{14}{45}$	$\Phi_{585}^2\ \Phi_{117}^2\ \Phi_{45}^3\ \Phi_{13}^2\ \Phi_9^3\ \Phi_1^3$
38861	837	180	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{180}^9\ \Phi_{90}^4\ \Phi_{45}^5\ \Phi_{36}^9\ \Phi_{20}^2\ \Phi_{18}^4\ \Phi_{10}\ \Phi_9^5\ \Phi_5\ \Phi_4\ \Phi_1$
38862	837	520	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{4}{13}$	$\Phi_{520}^2\ \Phi_{260}^2\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_4^3\ \Phi_1^3$
38863	837	455	$\frac{1}{13}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{455}^2\ \Phi_{91}^2\ \Phi_{35}^3\ \Phi_{13}^2\ \Phi_7^3\ \Phi_1^3$
38864	837	468	$\frac{1}{13}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{4}{13}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{52}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_4^3\ \Phi_1^3$
38865	837	121	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{28}{121}$	$\frac{37}{121}$	$\Phi_{121}^7\ \Phi_{11}^6\ \Phi_1^7$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
38866	837	400	$\frac{3}{40}$	$\frac{37}{400}$	$\frac{1}{4}$	$\frac{121}{400}$	$\Phi_{400}^{2}\ \Phi_{200}^{2}\ \Phi_{100}^{2}\ \Phi_{80}^{2}\ \Phi_{50}^{2}\ \Phi_{40}^{3}\ \Phi_{25}^{2}\ \Phi_{20}^{3}\ \Phi_{16}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
38867	837	100	$\frac{7}{100}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{100}^{9}\ \Phi_{50}^{9}\ \Phi_{25}^{9}\ \Phi_{20}^{5}\ \Phi_{10}^{7}\ \Phi_{5}^{7}\ \Phi_{4}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
38868	837	44	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{2}{11}$	$\frac{13}{44}$	$\Phi_{44}^{18}\ \Phi_{22}^{18}\ \Phi_{11}^{22}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{23}$
38869	837	38	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{7}{38}$	$\frac{11}{38}$	$\Phi_{38}^{22}\ \Phi_{19}^{22}\ \Phi_{2}^{22}\ \Phi_{1}^{23}$
38870	837	392	$\frac{3}{56}$	$\frac{53}{392}$	$\frac{1}{4}$	$\frac{113}{392}$	$\Phi_{392}^{2}\ \Phi_{196}^{2}\ \Phi_{98}^{2}\ \Phi_{56}^{3}\ \Phi_{49}^{2}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
38871	837	196	$\frac{5}{98}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{196}^{6}\ \Phi_{98}^{3}\ \Phi_{49}^{3}\ \Phi_{28}^{4}\ \Phi_{14}\ \Phi_{7}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
38872	837	385	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{385}$	$\frac{106}{385}$	$\Phi_{385}^{2}\ \Phi_{77}^{3}\ \Phi_{55}^{2}\ \Phi_{35}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
38873	837	380	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{77}{380}$	$\frac{101}{380}$	$\Phi_{380}^{2}\ \Phi_{190}^{2}\ \Phi_{95}^{3}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{20}^{2}\ \Phi_{19}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
38874	837	32	$\frac{1}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{32}^{27}\ \Phi_{16}^{27}\ \Phi_{8}^{27}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
38875	837	368	$\frac{3}{92}$	$\frac{89}{368}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{368}^{3}\ \Phi_{184}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
38876	837	460	$\frac{1}{23}$	$\frac{22}{115}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{460}^{2}\ \Phi_{230}^{2}\ \Phi_{115}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
38877	837	364	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{85}{364}$	$\frac{1}{4}$	$\Phi_{364}^{2}\ \Phi_{182}^{2}\ \Phi_{91}^{3}\ \Phi_{52}^{2}\ \Phi_{28}^{3}\ \Phi_{26}^{2}\ \Phi_{14}^{3}\ \Phi_{13}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
38878	837	320	$\frac{3}{40}$	$\frac{41}{320}$	$\frac{37}{160}$	$\frac{1}{4}$	$\Phi_{320}^{3}\ \Phi_{160}^{2}\ \Phi_{80}^{2}\ \Phi_{64}^{3}\ \Phi_{40}^{3}\ \Phi_{32}^{2}\ \Phi_{20}^{3}\ \Phi_{16}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
38879	837	40	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{40}^{27}\ \Phi_{20}^{11}\ \Phi_{10}^{19}\ \Phi_{8}^{27}\ \Phi_{5}^{19}\ \Phi_{4}^{10}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
38880	837	100	$\frac{7}{100}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{100}^{8}\ \Phi_{50}^{8}\ \Phi_{25}^{9}\ \Phi_{20}^{9}\ \Phi_{10}^{9}\ \Phi_{5}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
38881	837	220	$\frac{4}{55}$	$\frac{17}{110}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{220}^{5}\ \Phi_{110}^{2}\ \Phi_{55}^{3}\ \Phi_{44}^{5}\ \Phi_{22}^{2}\ \Phi_{20}^{6}\ \Phi_{11}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
38882	837	140	$\frac{1}{10}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^{9}\ \Phi_{70}^{4}\ \Phi_{35}^{5}\ \Phi_{28}^{9}\ \Phi_{20}^{2}\ \Phi_{14}^{4}\ \Phi_{10}\ \Phi_{7}^{5}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
38883	837	1000	$\frac{3}{40}$	$\frac{163}{1000}$	$\frac{37}{200}$	$\frac{1}{4}$	$\Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
38884	837	180	$\frac{1}{10}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{180}^{6}\ \Phi_{90}^{6}\ \Phi_{60}^{2}\ \Phi_{45}^{6}\ \Phi_{36}^{3}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{18}^{3}\ \Phi_{15}^{4}\ \Phi_{12}\ \Phi_{10}^{5}\ \Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
38885	837	110	$\frac{1}{11}$	$\frac{17}{110}$	$\frac{2}{11}$	$\frac{5}{22}$	$\Phi_{110}^{9}\ \Phi_{55}^{9}\ \Phi_{11}^{4}\ \Phi_{10}^{9}\ \Phi_{5}^{9}\ \Phi_{1}^{5}$
38886	838	834	$\frac{2}{417}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{415}{834}$	$\Phi_{834}^{2}\ \Phi_{278}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
38887	838	1680	$\frac{1}{140}$	$\frac{141}{560}$	$\frac{1}{3}$	$\frac{139}{280}$	$\Phi_{1680}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
38888	838	2496	$\frac{3}{416}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{413}{832}$	$\Phi_{2496}\ \Phi_{192}\ \Phi_{12}\ \Phi_{6}$
38889	838	2490	$\frac{4}{415}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{411}{830}$	$\Phi_{2490}\ \Phi_{498}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
38890	838	744	$\frac{1}{93}$	$\frac{47}{372}$	$\frac{325}{744}$	$\frac{46}{93}$	$\Phi_{744}^{2}\ \Phi_{248}^{2}\ \Phi_{93}\ \Phi_{31}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
38891	838	558	$\frac{1}{93}$	$\frac{139}{558}$	$\frac{47}{186}$	$\frac{46}{93}$	$\Phi_{558}^{2}\ \Phi_{279}^{2}\ \Phi_{93}\ \Phi_{31}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
38892	838	504	$\frac{1}{84}$	$\frac{85}{504}$	$\frac{1}{3}$	$\frac{83}{168}$	$\Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
38893	838	828	$\frac{5}{414}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{409}{828}$	$\Phi_{828}^{2}\ \Phi_{276}^{2}\ \Phi_{92}^{2}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
38894	838	828	$\frac{5}{414}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{409}{828}$	$\Phi_{828}^{2}\ \Phi_{276}^{2}\ \Phi_{92}^{2}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
38895	838	2478	$\frac{6}{413}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{407}{826}$	$\Phi_{2478}\ \Phi_{354}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
38896	838	825	$\frac{13}{825}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{406}{825}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{165}\ \Phi_{75}\ \Phi_{55}\ \Phi_{33}\ \Phi_{25}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
38897	838	480	$\frac{1}{60}$	$\frac{61}{480}$	$\frac{1}{3}$	$\frac{59}{120}$	$\Phi_{480}^{2}\ \Phi_{240}^{2}\ \Phi_{160}^{2}\ \Phi_{96}^{2}\ \Phi_{80}^{2}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{32}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
38898	838	2460	$\frac{9}{410}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{401}{820}$	$\Phi_{2460}\ \Phi_{492}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
38899	838	819	$\frac{19}{819}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{400}{819}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{117}\ \Phi_{91}\ \Phi_{63}\ \Phi_{39}\ \Phi_{21}^{2}\ \Phi_{13}\ \Phi_{9}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
38900	838	816	$\frac{11}{408}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{397}{816}$	$\Phi_{816}^{2}\ \Phi_{272}^{2}\ \Phi_{48}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
38901	838	2436	$\frac{13}{406}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{393}{812}$	$\Phi_{2436}\ \Phi_{348}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
38902	838	806	$\frac{1}{31}$	$\frac{16}{403}$	$\frac{387}{806}$	$\frac{15}{31}$	$\Phi_{806}^{2}\ \Phi_{62}^{2}\ \Phi_{31}\ \Phi_{26}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
38903	838	810	$\frac{14}{405}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{391}{810}$	$\Phi_{810}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38904	838	810	$\frac{14}{405}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{391}{810}$	$\Phi_{810}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38905	838	1344	$\frac{1}{28}$	$\frac{29}{448}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{192}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
38906	838	540	$\frac{1}{27}$	$\frac{14}{135}$	$\frac{121}{540}$	$\frac{13}{27}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38907	838	486	$\frac{1}{27}$	$\frac{67}{486}$	$\frac{14}{81}$	$\frac{13}{27}$	$\Phi_{486}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{54}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38908	838	2400	$\frac{19}{400}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{381}{800}$	$\Phi_{2400}\ \Phi_{480}\ \Phi_{96}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
38909	838	1320	$\frac{21}{440}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
38910	838	798	$\frac{1}{21}$	$\frac{20}{399}$	$\frac{1}{3}$	$\frac{379}{798}$	$\Phi_{798}^2\ \Phi_{266}^2\ \Phi_{114}^2\ \Phi_{42}^2\ \Phi_{38}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38911	838	2352	$\frac{1}{28}$	$\frac{27}{392}$	$\frac{1}{3}$	$\frac{365}{784}$	$\Phi_{2352}\ \Phi_{336}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
38912	838	780	$\frac{1}{30}$	$\frac{29}{390}$	$\frac{1}{3}$	$\frac{361}{780}$	$\Phi_{780}^2\ \Phi_{260}^2\ \Phi_{156}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38913	838	432	$\frac{13}{432}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38914	838	2310	$\frac{1}{35}$	$\frac{34}{385}$	$\frac{1}{3}$	$\frac{351}{770}$	$\Phi_{2310}\ \Phi_{462}\ \Phi_{330}\ \Phi_{210}\ \Phi_{105}\ \Phi_{66}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
38915	838	756	$\frac{1}{42}$	$\frac{41}{378}$	$\frac{1}{3}$	$\frac{337}{756}$	$\Phi_{756}^2\ \Phi_{252}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38916	838	756	$\frac{1}{27}$	$\frac{41}{378}$	$\frac{13}{54}$	$\frac{337}{756}$	$\Phi_{756}^2\ \Phi_{252}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38917	838	621	$\frac{5}{207}$	$\frac{1}{9}$	$\frac{202}{621}$	$\frac{4}{9}$	$\Phi_{621}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
38918	838	432	$\frac{13}{432}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
38919	838	744	$\frac{1}{31}$	$\frac{47}{372}$	$\frac{15}{62}$	$\frac{325}{744}$	$\Phi_{744}^2\ \Phi_{248}^2\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
38920	838	735	$\frac{2}{105}$	$\frac{103}{735}$	$\frac{1}{3}$	$\frac{316}{735}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}\ \Phi_{105}^2\ \Phi_{49}\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
38921	838	720	$\frac{1}{60}$	$\frac{59}{360}$	$\frac{1}{3}$	$\frac{301}{720}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38922	838	2100	$\frac{1}{70}$	$\frac{69}{350}$	$\frac{1}{3}$	$\frac{281}{700}$	$\Phi_{2100}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
38923	838	496	$\frac{1}{31}$	$\frac{77}{496}$	$\frac{15}{62}$	$\frac{47}{124}$	$\Phi_{496}^2\ \Phi_{248}^2\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
38924	838	672	$\frac{1}{84}$	$\frac{83}{336}$	$\frac{1}{3}$	$\frac{253}{672}$	$\Phi_{672}^2\ \Phi_{224}^2\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38925	838	1272	$\frac{5}{424}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1272}\ \Phi_{636}\ \Phi_{318}\ \Phi_{159}\ \Phi_{12}\ \Phi_6$
38926	838	651	$\frac{1}{31}$	$\frac{30}{217}$	$\frac{187}{651}$	$\frac{232}{651}$	$\Phi_{651}\ \Phi_{217}^2\ \Phi_{93}\ \Phi_{31}\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
38927	838	648	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{95}{324}$	$\frac{229}{648}$	$\Phi_{648}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38928	838	630	$\frac{1}{105}$	$\frac{104}{315}$	$\frac{1}{3}$	$\frac{211}{630}$	$\Phi_{630}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38929	838	624	$\frac{3}{208}$	$\frac{1}{4}$	$\frac{205}{624}$	$\frac{1}{3}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}^2\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38930	838	540	$\frac{1}{60}$	$\frac{121}{540}$	$\frac{59}{180}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38931	838	504	$\frac{1}{42}$	$\frac{85}{504}$	$\frac{41}{126}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38932	838	612	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{193}{612}$	$\frac{1}{3}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38933	838	450	$\frac{1}{15}$	$\frac{31}{450}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
38934	838	600	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{181}{600}$	$\frac{1}{3}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}^2\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38935	838	441	$\frac{22}{441}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{441}^2\ \Phi_{147}^2\ \Phi_{63}\ \Phi_{49}^2\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
38936	838	588	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{169}{588}$	$\frac{1}{3}$	$\Phi_{588}\ \Phi_{294}\ \Phi_{196}^2\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{84}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38937	838	432	$\frac{13}{432}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38938	838	1560	$\frac{3}{104}$	$\frac{101}{520}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
38939	838	432	$\frac{13}{432}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38940	838	468	$\frac{3}{52}$	$\frac{49}{468}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}\ \Phi_{117}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38941	838	1344	$\frac{29}{448}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
38942	838	552	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{133}{552}$	$\frac{1}{3}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{184}^2\ \Phi_{92}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38943	838	480	$\frac{1}{20}$	$\frac{61}{480}$	$\frac{19}{80}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38944	838	546	$\frac{19}{273}$	$\frac{2}{21}$	$\frac{127}{546}$	$\frac{1}{3}$	$\Phi_{546}^2\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{91}\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38945	838	540	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{121}{540}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38946	838	1500	$\frac{1}{20}$	$\frac{81}{500}$	$\frac{19}{100}$	$\frac{1}{3}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{375}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
38947	838	450	$\frac{31}{450}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
38948	838	495	$\frac{13}{165}$	$\frac{2}{15}$	$\frac{76}{495}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{165}\ \Phi_{99}^2\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
38949	838	558	$\frac{1}{31}$	$\frac{15}{62}$	$\frac{139}{558}$	$\frac{47}{186}$	$\Phi_{558}^2\ \Phi_{279}^2\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
38950	840	627	$\frac{1}{209}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{104}{209}$	$\Phi_{627}\ \Phi_{209}^2\ \Phi_{57}\ \Phi_{33}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
38951	840	839	$\frac{5}{839}$	$\frac{211}{839}$	$\frac{314}{839}$	$\frac{417}{839}$	$\Phi_{839}\ \Phi_1^2$
38952	840	1336	$\frac{1}{167}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{83}{167}$	$\Phi_{1336}\ \Phi_{167}\ \Phi_8^2\ \Phi_1^2$
38953	840	1263	$\frac{3}{421}$	$\frac{106}{421}$	$\frac{1}{3}$	$\frac{209}{421}$	Φ_{1263}
38954	840	695	$\frac{1}{139}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{69}{139}$	$\Phi_{695}\ \Phi_{139}^2\ \Phi_5^2\ \Phi_1^4$
38955	840	1668	$\frac{1}{139}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{69}{139}$	$\Phi_{1668}\ \Phi_{834}\ \Phi_{12}^2\ \Phi_6^2$
38956	840	839	$\frac{7}{839}$	$\frac{141}{839}$	$\frac{349}{839}$	$\frac{416}{839}$	$\Phi_{839}\ \Phi_1^2$
38957	840	1428	$\frac{1}{119}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{59}{119}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{204}\ \Phi_{119}\ \Phi_{84}\ \Phi_{68}\ \Phi_{28}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
38958	840	1071	$\frac{1}{119}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{59}{119}$	$\Phi_{1071}\ \Phi_{153}\ \Phi_{119}\ \Phi_{63}\ \Phi_{17}\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
38959	840	1456	$\frac{1}{104}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{103}{208}$	$\Phi_{1456}\ \Phi_{208}^2\ \Phi_{112}\ \Phi_{16}^2\ \Phi_7\ \Phi_1^2$
38960	840	3120	$\frac{1}{104}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{103}{208}$	$\Phi_{3120}\ \Phi_{240}\ \Phi_{15}$
38961	840	1124	$\frac{3}{281}$	$\frac{1}{4}$	$\frac{71}{281}$	$\frac{139}{281}$	$\Phi_{1124}\ \Phi_{562}$
38962	840	839	$\frac{9}{839}$	$\frac{209}{839}$	$\frac{212}{839}$	$\frac{415}{839}$	$\Phi_{839}\ \Phi_1^2$
38963	840	1263	$\frac{5}{421}$	$\frac{71}{421}$	$\frac{1}{3}$	$\frac{208}{421}$	Φ_{1263}
38964	840	747	$\frac{1}{83}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{41}{83}$	$\Phi_{747}\ \Phi_{249}\ \Phi_{83}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
38965	840	498	$\frac{1}{83}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{41}{83}$	$\Phi_{498}^2\ \Phi_{249}\ \Phi_{166}^2\ \Phi_{83}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
38966	840	839	$\frac{11}{839}$	$\frac{85}{839}$	$\frac{377}{839}$	$\frac{414}{839}$	$\Phi_{839}\ \Phi_1^2$
38967	840	759	$\frac{1}{69}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{34}{69}$	$\Phi_{759}\ \Phi_{253}\ \Phi_{69}^2\ \Phi_{33}\ \Phi_{23}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
38968	840	483	$\frac{1}{69}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{34}{69}$	$\Phi_{483}^2\ \Phi_{161}^2\ \Phi_{21}^3\ \Phi_7^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
38969	840	759	$\frac{1}{69}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{34}{69}$	$\Phi_{759}\ \Phi_{253}\ \Phi_{69}^2\ \Phi_{33}\ \Phi_{23}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
38970	840	1380	$\frac{1}{69}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{34}{69}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{230}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
38971	840	839	$\frac{13}{839}$	$\frac{71}{839}$	$\frac{384}{839}$	$\frac{413}{839}$	$\Phi_{839}\ \Phi_1^2$
38972	840	767	$\frac{1}{59}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{29}{59}$	$\Phi_{767}\ \Phi_{59}^2\ \Phi_{13}^2\ \Phi_1^4$
38973	840	1416	$\frac{1}{59}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{29}{59}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{354}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
38974	840	1014	$\frac{3}{169}$	$\frac{1}{6}$	$\frac{43}{169}$	$\frac{83}{169}$	$\Phi_{1014}\ \Phi_{507}\ \Phi_{338}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
38975	840	839	$\frac{15}{839}$	$\frac{61}{839}$	$\frac{389}{839}$	$\frac{412}{839}$	$\Phi_{839}\ \Phi_1^2$
38976	840	1540	$\frac{1}{55}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{27}{55}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}\ \Phi_{55}\ \Phi_{44}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{11}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
38977	840	385	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{27}{55}$	$\Phi_{385}^2\ \Phi_{77}^2\ \Phi_{55}^3\ \Phi_{35}^2\ \Phi_{11}^3\ \Phi_7^4\ \Phi_5^3\ \Phi_1^6$
38978	840	660	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{27}{55}$	$\Phi_{660}^2\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{11}\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
38979	840	839	$\frac{17}{839}$	$\frac{107}{839}$	$\frac{244}{839}$	$\frac{411}{839}$	$\Phi_{839}\ \Phi_1^2$
38980	840	839	$\frac{17}{839}$	$\frac{125}{839}$	$\frac{214}{839}$	$\frac{411}{839}$	$\Phi_{839}\ \Phi_1^2$
38981	840	329	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{12}{47}$	$\frac{23}{47}$	$\Phi_{329}^3\ \Phi_7^2$
38982	840	1263	$\frac{9}{421}$	$\frac{43}{421}$	$\frac{1}{3}$	$\frac{206}{421}$	Φ_{1263}
38983	840	839	$\frac{19}{839}$	$\frac{143}{839}$	$\frac{174}{839}$	$\frac{410}{839}$	$\Phi_{839}\ \Phi_1^2$
38984	840	1055	$\frac{5}{211}$	$\frac{36}{211}$	$\frac{1}{5}$	$\frac{103}{211}$	Φ_{1055}
38985	840	779	$\frac{1}{41}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{20}{41}$	$\Phi_{779}\ \Phi_{41}^2\ \Phi_{19}^2\ \Phi_1^4$
38986	840	1353	$\frac{1}{41}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{1353}\ \Phi_{33}^2$
38987	840	779	$\frac{1}{41}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{20}{41}$	$\Phi_{779}\ \Phi_{41}^2\ \Phi_{19}^2\ \Phi_1^4$
38988	840	1230	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{20}{41}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{410}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
38989	840	968	$\frac{3}{121}$	$\frac{1}{8}$	$\frac{31}{121}$	$\frac{59}{121}$	$\Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
38990	840	1124	$\frac{7}{281}$	$\frac{36}{281}$	$\frac{1}{4}$	$\frac{137}{281}$	$\Phi_{1124}\ \Phi_{562}$
38991	840	839	$\frac{21}{839}$	$\frac{43}{839}$	$\frac{398}{839}$	$\frac{409}{839}$	$\Phi_{839}\ \Phi_1^2$
38992	840	839	$\frac{21}{839}$	$\frac{86}{839}$	$\frac{251}{839}$	$\frac{409}{839}$	$\Phi_{839}\ \Phi_1^2$
38993	840	839	$\frac{21}{839}$	$\frac{104}{839}$	$\frac{215}{839}$	$\frac{409}{839}$	$\Phi_{839}\ \Phi_1^2$
38994	840	1560	$\frac{1}{39}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{19}{39}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{120}\ \Phi_{104}\ \Phi_{40}^2\ \Phi_{39}\ \Phi_{24}\ \Phi_{13}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
38995	840	390	$\frac{1}{39}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{19}{39}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{39}^3\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{15}^2\ \Phi_{13}^3\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
38996	840	312	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{19}{39}$	$\Phi_{312}^3\ \Phi_{156}^2\ \Phi_{104}^3\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{24}^3\ \Phi_{13}^3\ \Phi_{12}^2\ \Phi_8^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
38997	840	975	$\frac{1}{39}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{19}{39}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{75}\ \Phi_{39}\ \Phi_{25}^2\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
38998	840	1263	$\frac{11}{421}$	$\frac{36}{421}$	$\frac{1}{3}$	$\frac{205}{421}$	Φ_{1263}
38999	840	1564	$\frac{1}{34}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{33}{68}$	$\Phi_{1564}\ \Phi_{92}\ \Phi_{68}^2\ \Phi_{23}\ \Phi_4^2\ \Phi_1^2$
39000	840	2652	$\frac{1}{34}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{2652}\ \Phi_{156}\ \Phi_{39}$
39001	840	1564	$\frac{1}{34}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{33}{68}$	$\Phi_{1564}\ \Phi_{92}\ \Phi_{68}^2\ \Phi_{23}\ \Phi_4^2\ \Phi_1^2$
39002	840	612	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{612}\ \Phi_{306}^2\ \Phi_{204}\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{36}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
39003	840	1564	$\frac{1}{34}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{33}{68}$	$\Phi_{1564}\ \Phi_{92}\ \Phi_{68}^2\ \Phi_{23}\ \Phi_4^2\ \Phi_1^2$
39004	840	2380	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{33}{68}$	$\Phi_{2380}\ \Phi_{140}\ \Phi_{35}$
39005	840	1014	$\frac{5}{169}$	$\frac{1}{6}$	$\frac{29}{169}$	$\frac{82}{169}$	$\Phi_{1014}\ \Phi_{507}\ \Phi_{338}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
39006	840	839	$\frac{25}{839}$	$\frac{89}{839}$	$\frac{216}{839}$	$\frac{407}{839}$	$\Phi_{839}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
39007	840	839	$\frac{25}{839}$	$\frac{139}{839}$	$\frac{144}{839}$	$\frac{407}{839}$	$\Phi_{839}\ \Phi_1^2$
39008	840	1263	$\frac{13}{421}$	$\frac{31}{421}$	$\frac{1}{3}$	$\frac{204}{421}$	Φ_{1263}
39009	840	1124	$\frac{9}{281}$	$\frac{29}{281}$	$\frac{1}{4}$	$\frac{136}{281}$	$\Phi_{1124}\ \Phi_{562}$
39010	840	783	$\frac{1}{29}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{14}{29}$	$\Phi_{783}\ \Phi_{261}\ \Phi_{87}\ \Phi_{29}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
39011	840	435	$\frac{1}{29}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{435}^2\ \Phi_{145}^2\ \Phi_{87}\ \Phi_{29}^2\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
39012	840	261	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{14}{29}$	$\Phi_{261}^3\ \Phi_{87}^3\ \Phi_{29}^4\ \Phi_9^6\ \Phi_3^6\ \Phi_1^8$
39013	840	1160	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{14}{29}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
39014	840	839	$\frac{29}{839}$	$\frac{31}{839}$	$\frac{404}{839}$	$\frac{405}{839}$	$\Phi_{839}\ \Phi_1^2$
39015	840	839	$\frac{29}{839}$	$\frac{62}{839}$	$\frac{259}{839}$	$\frac{405}{839}$	$\Phi_{839}\ \Phi_1^2$
39016	840	935	$\frac{3}{85}$	$\frac{1}{11}$	$\frac{22}{85}$	$\frac{41}{85}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{55}$
39017	840	839	$\frac{31}{839}$	$\frac{87}{839}$	$\frac{188}{839}$	$\frac{404}{839}$	$\Phi_{839}\ \Phi_1^2$
39018	840	432	$\frac{1}{27}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^3\ \Phi_{36}^2\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
39019	840	783	$\frac{1}{27}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{13}{27}$	$\Phi_{783}\ \Phi_{261}\ \Phi_{87}\ \Phi_{29}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
39020	840	1188	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{22}^2$
39021	840	783	$\frac{1}{27}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{13}{27}$	$\Phi_{783}\ \Phi_{261}\ \Phi_{87}\ \Phi_{29}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
39022	840	378	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{13}{27}$	$\Phi_{378}^3\ \Phi_{189}^2\ \Phi_{126}^3\ \Phi_{63}^2\ \Phi_{42}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^2$
39023	840	839	$\frac{33}{839}$	$\frac{109}{839}$	$\frac{146}{839}$	$\frac{403}{839}$	$\Phi_{839}\ \Phi_1^2$
39024	840	968	$\frac{5}{121}$	$\frac{1}{8}$	$\frac{21}{121}$	$\frac{58}{121}$	$\Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
39025	840	1014	$\frac{7}{169}$	$\frac{22}{169}$	$\frac{1}{6}$	$\frac{81}{169}$	$\Phi_{1014}\ \Phi_{507}\ \Phi_{338}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
39026	840	1055	$\frac{9}{211}$	$\frac{22}{211}$	$\frac{1}{5}$	$\frac{101}{211}$	Φ_{1055}
39027	840	1173	$\frac{1}{23}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{11}{23}$	$\Phi_{1173}\ \Phi_{69}\ \Phi_{51}^2\ \Phi_{23}\ \Phi_3^2\ \Phi_1^2$
39028	840	391	$\frac{1}{23}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{11}{23}$	$\Phi_{391}^2\ \Phi_{23}^3\ \Phi_{17}^4\ \Phi_1^6$
39029	840	552	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{11}{23}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{24}^4\ \Phi_{23}\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
39030	840	839	$\frac{37}{839}$	$\frac{62}{839}$	$\frac{219}{839}$	$\frac{401}{839}$	$\Phi_{839}\ \Phi_1^2$
39031	840	839	$\frac{37}{839}$	$\frac{99}{839}$	$\frac{146}{839}$	$\frac{401}{839}$	$\Phi_{839}\ \Phi_1^2$
39032	840	1263	$\frac{19}{421}$	$\frac{22}{421}$	$\frac{1}{3}$	$\frac{201}{421}$	Φ_{1263}
39033	840	1124	$\frac{13}{281}$	$\frac{21}{281}$	$\frac{1}{4}$	$\frac{134}{281}$	$\Phi_{1124}\ \Phi_{562}$
39034	840	839	$\frac{41}{839}$	$\frac{44}{839}$	$\frac{265}{839}$	$\frac{399}{839}$	$\Phi_{839}\ \Phi_1^2$
39035	840	915	$\frac{3}{61}$	$\frac{1}{15}$	$\frac{16}{61}$	$\frac{29}{61}$	$\Phi_{915}\ \Phi_{305}\ \Phi_{183}$
39036	840	840	$\frac{1}{21}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{120}\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
39037	840	520	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{19}{40}$	$\Phi_{520}^3\ \Phi_{104}^3\ \Phi_{40}^4\ \Phi_{13}^3\ \Phi_8^4\ \Phi_1^4$
39038	840	440	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{440}^4\ \Phi_{88}^4\ \Phi_{55}$
39039	840	1560	$\frac{1}{20}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{19}{40}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{120}\ \Phi_{104}\ \Phi_{40}^2\ \Phi_{39}\ \Phi_{24}\ \Phi_{13}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
39040	840	360	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{360}^5\ \Phi_{120}^3\ \Phi_{72}^5\ \Phi_{40}^4\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_9^2\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
39041	840	839	$\frac{43}{839}$	$\frac{63}{839}$	$\frac{194}{839}$	$\frac{398}{839}$	$\Phi_{839}\ \Phi_1^2$
39042	840	1254	$\frac{1}{22}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{114}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_6^2$
39043	840	779	$\frac{2}{41}$	$\frac{1}{19}$	$\frac{13}{41}$	$\frac{9}{19}$	$\Phi_{779}\ \Phi_{41}^2\ \Phi_{19}^2\ \Phi_1^4$
39044	840	304	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{304}^3\ \Phi_{152}^3\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
39045	840	1140	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{228}\ \Phi_{190}\ \Phi_{114}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2$
39046	840	779	$\frac{1}{19}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{9}{19}$	$\Phi_{779}\ \Phi_{41}^2\ \Phi_{19}^2\ \Phi_1^4$
39047	840	1064	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{9}{19}$	$\Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2$
39048	840	968	$\frac{7}{121}$	$\frac{1}{8}$	$\frac{16}{121}$	$\frac{57}{121}$	$\Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
39049	840	839	$\frac{49}{839}$	$\frac{74}{839}$	$\frac{153}{839}$	$\frac{395}{839}$	$\Phi_{839}\ \Phi_1^2$
39050	840	839	$\frac{49}{839}$	$\frac{104}{839}$	$\frac{111}{839}$	$\frac{395}{839}$	$\Phi_{839}\ \Phi_1^2$
39051	840	187	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{187}^5\ \Phi_{11}^4$
39052	840	1650	$\frac{1}{25}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{1650}\ \Phi_{550}\ \Phi_{330}\ \Phi_{150}\ \Phi_{110}\ \Phi_{75}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
39053	840	839	$\frac{51}{839}$	$\frac{89}{839}$	$\frac{125}{839}$	$\frac{394}{839}$	$\Phi_{839}\ \Phi_1^2$
39054	840	1055	$\frac{13}{211}$	$\frac{16}{211}$	$\frac{1}{5}$	$\frac{99}{211}$	Φ_{1055}
39055	840	839	$\frac{44}{839}$	$\frac{53}{839}$	$\frac{223}{839}$	$\frac{393}{839}$	$\Phi_{839}\ \Phi_1^2$
39056	840	329	$\frac{3}{47}$	$\frac{5}{47}$	$\frac{1}{7}$	$\frac{22}{47}$	$\Phi_{329}^3\ \Phi_7^2$
39057	840	1263	$\frac{16}{421}$	$\frac{27}{421}$	$\frac{1}{3}$	$\frac{197}{421}$	Φ_{1263}
39058	840	1014	$\frac{11}{169}$	$\frac{15}{169}$	$\frac{1}{6}$	$\frac{79}{169}$	$\Phi_{1014}\ \Phi_{507}\ \Phi_{338}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
39059	840	839	$\frac{55}{839}$	$\frac{69}{839}$	$\frac{149}{839}$	$\frac{392}{839}$	$\Phi_{839}\ \Phi_1^2$
39060	840	1124	$\frac{15}{281}$	$\frac{19}{281}$	$\frac{1}{4}$	$\frac{131}{281}$	$\Phi_{1124}\ \Phi_{562}$
39061	840	839	$\frac{32}{839}$	$\frac{57}{839}$	$\frac{269}{839}$	$\frac{391}{839}$	$\Phi_{839}\ \Phi_1^2$
39062	840	839	$\frac{41}{839}$	$\frac{57}{839}$	$\frac{224}{839}$	$\frac{391}{839}$	$\Phi_{839}\ \Phi_1^2$
39063	840	839	$\frac{57}{839}$	$\frac{64}{839}$	$\frac{155}{839}$	$\frac{391}{839}$	$\Phi_{839}\ \Phi_1^2$
39064	840	1263	$\frac{15}{421}$	$\frac{29}{421}$	$\frac{1}{3}$	$\frac{196}{421}$	Φ_{1263}
39065	840	2436	$\frac{1}{29}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{2436}\ \Phi_{348}\ \Phi_{87}$
39066	840	1540	$\frac{3}{55}$	$\frac{1}{14}$	$\frac{13}{55}$	$\frac{13}{28}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}\ \Phi_{55}\ \Phi_{44}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{11}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
39067	840	420	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{420}^4\ \Phi_{140}^3\ \Phi_{84}^4\ \Phi_{60}^4\ \Phi_{28}^4\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
39068	840	924	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{13}{28}$	$\Phi_{924}^2\ \Phi_{308}\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{28}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
39069	840	1540	$\frac{1}{14}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{13}{28}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}\ \Phi_{55}\ \Phi_{44}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{11}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
39070	840	504	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{13}{28}$	$\Phi_{504}^2\ \Phi_{252}\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{72}^3\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
39071	840	839	$\frac{61}{839}$	$\frac{90}{839}$	$\frac{107}{839}$	$\frac{389}{839}$	$\Phi_{839}\ \Phi_1^2$
39072	840	902	$\frac{1}{22}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{902}\ \Phi_{451}\ \Phi_{82}$
39073	840	968	$\frac{9}{121}$	$\frac{13}{121}$	$\frac{1}{8}$	$\frac{56}{121}$	$\Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
39074	840	1209	$\frac{1}{31}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1209}\ \Phi_{93}^2$
39075	840	767	$\frac{2}{59}$	$\frac{1}{13}$	$\frac{19}{59}$	$\frac{6}{13}$	$\Phi_{767}\ \Phi_{59}^2\ \Phi_{13}^2\ \Phi_1^4$
39076	840	1092	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{182}\ \Phi_{156}\ \Phi_{84}^2\ \Phi_{78}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_6^2$
39077	840	767	$\frac{3}{59}$	$\frac{1}{13}$	$\frac{14}{59}$	$\frac{6}{13}$	$\Phi_{767}\ \Phi_{59}^2\ \Phi_{13}^2\ \Phi_1^4$
39078	840	1040	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
39079	840	767	$\frac{4}{59}$	$\frac{1}{13}$	$\frac{11}{59}$	$\frac{6}{13}$	$\Phi_{767}\ \Phi_{59}^2\ \Phi_{13}^2\ \Phi_1^4$
39080	840	78	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{78}^{13}\ \Phi_{39}^{13}\ \Phi_{26}^{13}\ \Phi_6^{12}\ \Phi_3^{12}\ \Phi_2^{12}$
39081	840	767	$\frac{1}{13}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{6}{13}$	$\Phi_{767}\ \Phi_{59}^2\ \Phi_{13}^2\ \Phi_1^4$
39082	840	1001	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{1001}\ \Phi_{77}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
39083	840	915	$\frac{1}{15}$	$\frac{5}{61}$	$\frac{11}{61}$	$\frac{28}{61}$	$\Phi_{915}\ \Phi_{305}\ \Phi_{183}$
39084	840	1200	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
39085	840	839	$\frac{65}{839}$	$\frac{71}{839}$	$\frac{129}{839}$	$\frac{384}{839}$	$\Phi_{839}\ \Phi_1^2$
39086	840	839	$\frac{73}{839}$	$\frac{76}{839}$	$\frac{109}{839}$	$\frac{383}{839}$	$\Phi_{839}\ \Phi_1^2$
39087	840	396	$\frac{1}{36}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^4\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_9^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
39088	840	506	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{11}{46}$	$\frac{5}{11}$	$\Phi_{506}^2\ \Phi_{253}\ \Phi_{46}^4\ \Phi_{23}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_2^4\ \Phi_1^4$
39089	840	759	$\frac{4}{69}$	$\frac{1}{11}$	$\frac{13}{69}$	$\frac{5}{11}$	$\Phi_{759}\ \Phi_{253}\ \Phi_{69}^2\ \Phi_{33}\ \Phi_{23}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
39090	840	330	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{330}^3\ \Phi_{165}^2\ \Phi_{110}^3\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{30}^6\ \Phi_{22}^2\ \Phi_{15}^4\ \Phi_{11}^2\ \Phi_{10}^6\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
39091	840	253	$\frac{2}{23}$	$\frac{1}{11}$	$\frac{3}{23}$	$\frac{5}{11}$	$\Phi_{253}^3\ \Phi_{23}^6\ \Phi_{11}^4\ \Phi_1^8$
39092	840	88	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{88}^{11}\ \Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_8^{10}\ \Phi_4^{10}\ \Phi_2^{10}$
39093	840	987	$\frac{11}{141}$	$\frac{13}{141}$	$\frac{1}{7}$	$\frac{64}{141}$	$\Phi_{987}\ \Phi_{329}\ \Phi_{21}$
39094	840	1600	$\frac{1}{25}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
39095	840	839	$\frac{49}{839}$	$\frac{79}{839}$	$\frac{153}{839}$	$\frac{380}{839}$	$\Phi_{839}\ \Phi_1^2$
39096	840	1124	$\frac{11}{281}$	$\frac{27}{281}$	$\frac{1}{4}$	$\frac{127}{281}$	$\Phi_{1124}\ \Phi_{562}$
39097	840	839	$\frac{23}{839}$	$\frac{81}{839}$	$\frac{272}{839}$	$\frac{379}{839}$	$\Phi_{839}\ \Phi_1^2$
39098	840	839	$\frac{29}{839}$	$\frac{81}{839}$	$\frac{230}{839}$	$\frac{379}{839}$	$\Phi_{839}\ \Phi_1^2$
39099	840	1263	$\frac{11}{421}$	$\frac{41}{421}$	$\frac{1}{3}$	$\frac{190}{421}$	Φ_{1263}
39100	840	899	$\frac{1}{31}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	Φ_{899}
39101	840	839	$\frac{31}{839}$	$\frac{91}{839}$	$\frac{202}{839}$	$\frac{374}{839}$	$\Phi_{839}\ \Phi_1^2$
39102	840	387	$\frac{1}{43}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{387}^2\ \Phi_{129}^3\ \Phi_{43}^2$
39103	840	747	$\frac{2}{83}$	$\frac{1}{9}$	$\frac{27}{83}$	$\frac{4}{9}$	$\Phi_{747}\ \Phi_{249}\ \Phi_{83}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
39104	840	1044	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}^2\ \Phi_{58}^2$
39105	840	747	$\frac{3}{83}$	$\frac{1}{9}$	$\frac{20}{83}$	$\frac{4}{9}$	$\Phi_{747}\ \Phi_{249}\ \Phi_{83}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
39106	840	990	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{90}\ \Phi_{55}^2\ \Phi_{30}\ \Phi_{10}^2$
39107	840	747	$\frac{5}{83}$	$\frac{1}{9}$	$\frac{13}{83}$	$\frac{4}{9}$	$\Phi_{747}\ \Phi_{249}\ \Phi_{83}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
39108	840	315	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{315}^3\ \Phi_{105}^4\ \Phi_{63}^2\ \Phi_{35}^4\ \Phi_{21}^3\ \Phi_7^2$
39109	840	747	$\frac{6}{83}$	$\frac{1}{9}$	$\frac{11}{83}$	$\frac{4}{9}$	$\Phi_{747}\ \Phi_{249}\ \Phi_{83}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
39110	840	936	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{26}^2$
39111	840	839	$\frac{39}{839}$	$\frac{97}{839}$	$\frac{160}{839}$	$\frac{371}{839}$	$\Phi_{839}\ \Phi_1^2$
39112	840	903	$\frac{1}{21}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{903}\ \Phi_{301}\ \Phi_{129}$
39113	840	900	$\frac{1}{36}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
39114	840	839	$\frac{47}{839}$	$\frac{101}{839}$	$\frac{132}{839}$	$\frac{369}{839}$	$\Phi_{839}\ \Phi_1^2$
39115	840	912	$\frac{1}{16}$	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{25}{57}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{48}\ \Phi_{38}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
39116	840	923	$\frac{1}{13}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{31}{71}$	Φ_{923}
39117	840	935	$\frac{1}{11}$	$\frac{8}{85}$	$\frac{11}{85}$	$\frac{37}{85}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{55}$
39118	840	839	$\frac{76}{839}$	$\frac{79}{839}$	$\frac{109}{839}$	$\frac{365}{839}$	$\Phi_{839}\ \Phi_1^2$
39119	840	839	$\frac{62}{839}$	$\frac{95}{839}$	$\frac{111}{839}$	$\frac{364}{839}$	$\Phi_{839}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
39120	840	839	$\frac{17}{839}$	$\frac{113}{839}$	$\frac{274}{839}$	$\frac{363}{839}$	$\Phi_{839}\ \Phi_1^2$
39121	840	839	$\frac{34}{839}$	$\frac{113}{839}$	$\frac{161}{839}$	$\frac{363}{839}$	$\Phi_{839}\ \Phi_1^2$
39122	840	839	$\frac{48}{839}$	$\frac{113}{839}$	$\frac{119}{839}$	$\frac{363}{839}$	$\Phi_{839}\ \Phi_1^2$
39123	840	987	$\frac{8}{141}$	$\frac{19}{141}$	$\frac{1}{7}$	$\frac{61}{141}$	$\Phi_{987}\ \Phi_{329}\ \Phi_{21}$
39124	840	1014	$\frac{8}{169}$	$\frac{23}{169}$	$\frac{1}{6}$	$\frac{73}{169}$	$\Phi_{1014}\ \Phi_{507}\ \Phi_{338}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
39125	840	839	$\frac{34}{839}$	$\frac{115}{839}$	$\frac{159}{839}$	$\frac{362}{839}$	$\Phi_{839}\ \Phi_1^2$
39126	840	1055	$\frac{8}{211}$	$\frac{29}{211}$	$\frac{1}{5}$	$\frac{91}{211}$	Φ_{1055}
39127	840	1124	$\frac{8}{281}$	$\frac{39}{281}$	$\frac{1}{4}$	$\frac{121}{281}$	$\Phi_{1124}\ \Phi_{562}$
39128	840	839	$\frac{20}{839}$	$\frac{117}{839}$	$\frac{239}{839}$	$\frac{361}{839}$	$\Phi_{839}\ \Phi_1^2$
39129	840	1263	$\frac{8}{421}$	$\frac{59}{421}$	$\frac{1}{3}$	$\frac{181}{421}$	Φ_{1263}
39130	840	364	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{17}{52}$	$\frac{3}{7}$	$\Phi_{364}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{52}^4\ \Phi_{28}^2\ \Phi_{26}^4\ \Phi_{14}^2\ \Phi_{13}^4\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
39131	840	301	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{301}^3\ \Phi_{43}^2$
39132	840	252	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{36}^6\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{18}^6\ \Phi_{14}^2\ \Phi_{12}^6\ \Phi_9^6\ \Phi_7^3\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
39133	840	182	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{5}{26}$	$\frac{3}{7}$	$\Phi_{182}^4\ \Phi_{91}^4\ \Phi_{26}^8\ \Phi_{14}^4\ \Phi_{13}^8\ \Phi_7^5\ \Phi_2^8\ \Phi_1^{10}$
39134	840	462	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}\ \Phi_{77}\ \Phi_{66}^4\ \Phi_{42}\ \Phi_{33}^4\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{11}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
39135	840	364	$\frac{3}{52}$	$\frac{7}{52}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{364}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{52}^4\ \Phi_{28}^2\ \Phi_{26}^4\ \Phi_{14}^2\ \Phi_{13}^4\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
39136	840	112	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{112}^7\ \Phi_{56}^6\ \Phi_{28}^6\ \Phi_{16}^{14}\ \Phi_{14}^6\ \Phi_8^{12}\ \Phi_7^7\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{14}$
39137	840	273	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{273}^3\ \Phi_{91}^2\ \Phi_{39}^6\ \Phi_{21}^3\ \Phi_{13}^4\ \Phi_7^3\ \Phi_3^6\ \Phi_1^6$
39138	840	839	$\frac{48}{839}$	$\frac{113}{839}$	$\frac{121}{839}$	$\frac{359}{839}$	$\Phi_{839}\ \Phi_1^2$
39139	840	915	$\frac{1}{15}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{26}{61}$	$\Phi_{915}\ \Phi_{305}\ \Phi_{183}$
39140	840	839	$\frac{23}{839}$	$\frac{127}{839}$	$\frac{204}{839}$	$\frac{356}{839}$	$\Phi_{839}\ \Phi_1^2$
39141	840	839	$\frac{69}{839}$	$\frac{77}{839}$	$\frac{127}{839}$	$\frac{356}{839}$	$\Phi_{839}\ \Phi_1^2$
39142	840	935	$\frac{7}{85}$	$\frac{1}{11}$	$\frac{13}{85}$	$\frac{36}{85}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{55}$
39143	840	839	$\frac{53}{839}$	$\frac{97}{839}$	$\frac{131}{839}$	$\frac{354}{839}$	$\Phi_{839}\ \Phi_1^2$
39144	840	968	$\frac{7}{121}$	$\frac{1}{8}$	$\frac{19}{121}$	$\frac{51}{121}$	$\Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
39145	840	1014	$\frac{7}{169}$	$\frac{27}{169}$	$\frac{1}{6}$	$\frac{71}{169}$	$\Phi_{1014}\ \Phi_{507}\ \Phi_{338}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
39146	840	899	$\frac{1}{29}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	Φ_{899}
39147	840	839	$\frac{17}{839}$	$\frac{137}{839}$	$\frac{244}{839}$	$\frac{351}{839}$	$\Phi_{839}\ \Phi_1^2$
39148	840	1263	$\frac{7}{421}$	$\frac{69}{421}$	$\frac{1}{3}$	$\frac{176}{421}$	Φ_{1263}
39149	840	732	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{732}^2\ \Phi_{244}^2\ \Phi_{183}$
39150	840	1428	$\frac{2}{119}$	$\frac{1}{6}$	$\frac{39}{119}$	$\frac{5}{12}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{204}\ \Phi_{119}\ \Phi_{84}\ \Phi_{68}\ \Phi_{28}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
39151	840	492	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{492}\ \Phi_{246}^2\ \Phi_{164}^2\ \Phi_{123}^2\ \Phi_{82}^3\ \Phi_{41}^2$
39152	840	1428	$\frac{3}{119}$	$\frac{1}{6}$	$\frac{29}{119}$	$\frac{5}{12}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{204}\ \Phi_{119}\ \Phi_{84}\ \Phi_{68}\ \Phi_{28}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
39153	840	1860	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1860}\ \Phi_{620}\ \Phi_{155}$
39154	840	1428	$\frac{4}{119}$	$\frac{1}{6}$	$\frac{23}{119}$	$\frac{5}{12}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{204}\ \Phi_{119}\ \Phi_{84}\ \Phi_{68}\ \Phi_{28}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
39155	840	300	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{300}^5\ \Phi_{150}\ \Phi_{100}^5\ \Phi_{75}\ \Phi_{60}^5\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{10}$
39156	840	1428	$\frac{5}{119}$	$\frac{19}{119}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{204}\ \Phi_{119}\ \Phi_{84}\ \Phi_{68}\ \Phi_{28}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
39157	840	84	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{84}^{17}\ \Phi_{28}^{17}\ \Phi_{21}^6\ \Phi_{12}^{18}\ \Phi_7^5\ \Phi_4^{18}\ \Phi_3^6\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
39158	840	204	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{204}^7\ \Phi_{68}^7\ \Phi_{17}^7\ \Phi_{12}^8\ \Phi_4^8\ \Phi_1^8$
39159	840	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{144}^7\ \Phi_{72}^7\ \Phi_{48}^5\ \Phi_{36}^4\ \Phi_{24}^5\ \Phi_{18}^7\ \Phi_{16}^4\ \Phi_{12}^3\ \Phi_9^6\ \Phi_8^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
39160	840	1428	$\frac{9}{119}$	$\frac{11}{119}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{204}\ \Phi_{119}\ \Phi_{84}\ \Phi_{68}\ \Phi_{28}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
39161	840	1716	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{143}$
39162	840	839	$\frac{14}{839}$	$\frac{141}{839}$	$\frac{275}{839}$	$\frac{349}{839}$	$\Phi_{839}\ \Phi_1^2$
39163	840	839	$\frac{35}{839}$	$\frac{134}{839}$	$\frac{141}{839}$	$\frac{349}{839}$	$\Phi_{839}\ \Phi_1^2$
39164	840	902	$\frac{1}{22}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{902}\ \Phi_{451}\ \Phi_{82}$
39165	840	839	$\frac{41}{839}$	$\frac{114}{839}$	$\frac{145}{839}$	$\frac{347}{839}$	$\Phi_{839}\ \Phi_1^2$
39166	840	915	$\frac{1}{15}$	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{25}{61}$	$\Phi_{915}\ \Phi_{305}\ \Phi_{183}$
39167	840	923	$\frac{1}{13}$	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{29}{71}$	Φ_{923}
39168	840	839	$\frac{64}{839}$	$\frac{71}{839}$	$\frac{155}{839}$	$\frac{342}{839}$	$\Phi_{839}\ \Phi_1^2$
39169	840	839	$\frac{54}{839}$	$\frac{83}{839}$	$\frac{157}{839}$	$\frac{341}{839}$	$\Phi_{839}\ \Phi_1^2$
39170	840	968	$\frac{6}{121}$	$\frac{1}{8}$	$\frac{23}{121}$	$\frac{49}{121}$	$\Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
39171	840	329	$\frac{2}{47}$	$\frac{1}{7}$	$\frac{9}{47}$	$\frac{19}{47}$	$\Phi_{329}^3\ \Phi_7^2$
39172	840	839	$\frac{34}{839}$	$\frac{125}{839}$	$\frac{161}{839}$	$\frac{339}{839}$	$\Phi_{839}\ \Phi_1^2$
39173	840	839	$\frac{24}{839}$	$\frac{163}{839}$	$\frac{167}{839}$	$\frac{338}{839}$	$\Phi_{839}\ \Phi_1^2$
39174	840	1055	$\frac{6}{211}$	$\frac{41}{211}$	$\frac{1}{5}$	$\frac{85}{211}$	Φ_{1055}
39175	840	1124	$\frac{6}{281}$	$\frac{55}{281}$	$\frac{1}{4}$	$\frac{113}{281}$	$\Phi_{1124}\ \Phi_{562}$
39176	840	839	$\frac{14}{839}$	$\frac{165}{839}$	$\frac{251}{839}$	$\frac{337}{839}$	$\Phi_{839}\ \Phi_1^2$
39177	840	1263	$\frac{6}{421}$	$\frac{83}{421}$	$\frac{1}{3}$	$\frac{169}{421}$	Φ_{1263}
39178	840	1065	$\frac{1}{71}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1065}\ \Phi_{213}^2$
39179	840	610	$\frac{1}{61}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{610}^2\ \Phi_{305}\ \Phi_{122}^2$
39180	840	695	$\frac{3}{139}$	$\frac{1}{5}$	$\frac{34}{139}$	$\frac{2}{5}$	$\Phi_{695}\ \Phi_{139}^2\ \Phi_5^2\ \Phi_1^4$
39181	840	180	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{180}^5\ \Phi_{90}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{36}^4\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{18}^4\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_9^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4$
39182	840	695	$\frac{4}{139}$	$\frac{27}{139}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{695}\ \Phi_{139}^2\ \Phi_5^2\ \Phi_1^4$
39183	840	870	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{58}^2$
39184	840	695	$\frac{6}{139}$	$\frac{19}{139}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{695}\ \Phi_{139}^2\ \Phi_5^2\ \Phi_1^4$
39185	840	840	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_6^2$
39186	840	695	$\frac{9}{139}$	$\frac{13}{139}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{695}\ \Phi_{139}^2\ \Phi_5^2\ \Phi_1^4$
39187	840	165	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{165}^6\ \Phi_{55}^5\ \Phi_{33}^6\ \Phi_{11}^4$
39188	840	839	$\frac{24}{839}$	$\frac{163}{839}$	$\frac{169}{839}$	$\frac{335}{839}$	$\Phi_{839}\ \Phi_1^2$
39189	840	839	$\frac{34}{839}$	$\frac{115}{839}$	$\frac{181}{839}$	$\frac{329}{839}$	$\Phi_{839}\ \Phi_1^2$
39190	840	902	$\frac{1}{22}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{902}\ \Phi_{451}\ \Phi_{82}$
39191	840	912	$\frac{1}{16}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{48}\ \Phi_{38}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
39192	840	923	$\frac{1}{71}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{923}
39193	840	839	$\frac{51}{839}$	$\frac{74}{839}$	$\frac{197}{839}$	$\frac{321}{839}$	$\Phi_{839}\ \Phi_1^2$
39194	840	374	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{374}^4\ \Phi_{187}\ \Phi_{22}^4$
39195	840	839	$\frac{35}{839}$	$\frac{104}{839}$	$\frac{201}{839}$	$\frac{319}{839}$	$\Phi_{839}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
39196	840	968	$\frac{5}{121}$	$\frac{1}{8}$	$\frac{29}{121}$	$\frac{46}{121}$	$\Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
39197	840	1014	$\frac{5}{169}$	$\frac{1}{6}$	$\frac{41}{169}$	$\frac{64}{169}$	$\Phi_{1014}\ \Phi_{507}\ \Phi_{338}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
39198	840	839	$\frac{19}{839}$	$\frac{174}{839}$	$\frac{205}{839}$	$\frac{317}{839}$	$\Phi_{839}\ \Phi_1^2$
39199	840	1124	$\frac{5}{281}$	$\frac{69}{281}$	$\frac{1}{4}$	$\frac{106}{281}$	$\Phi_{1124}\ \Phi_{562}$
39200	840	2040	$\frac{1}{85}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2040}\ \Phi_{408}\ \Phi_{255}\ \Phi_{120}\ \Phi_{51}\ \Phi_{15}$
39201	840	1336	$\frac{2}{167}$	$\frac{1}{4}$	$\frac{55}{167}$	$\frac{3}{8}$	$\Phi_{1336}\ \Phi_{167}\ \Phi_8^2\ \Phi_1^2$
39202	840	456	$\frac{1}{57}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{456}^3\ \Phi_{228}\ \Phi_{152}^3\ \Phi_{114}\ \Phi_{76}\ \Phi_{38}\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
39203	840	1336	$\frac{3}{167}$	$\frac{41}{167}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1336}\ \Phi_{167}\ \Phi_8^2\ \Phi_1^2$
39204	840	1720	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1720}\ \Phi_{215}$
39205	840	1336	$\frac{5}{167}$	$\frac{27}{167}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1336}\ \Phi_{167}\ \Phi_8^2\ \Phi_1^2$
39206	840	1624	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1624}\ \Phi_{203}$
39207	840	1336	$\frac{6}{167}$	$\frac{23}{167}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1336}\ \Phi_{167}\ \Phi_8^2\ \Phi_1^2$
39208	840	200	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{200}^4\ \Phi_{100}^5\ \Phi_{50}^5\ \Phi_{40}^4\ \Phi_{25}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^4$
39209	840	1336	$\frac{7}{167}$	$\frac{20}{167}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1336}\ \Phi_{167}\ \Phi_8^2\ \Phi_1^2$
39210	840	792	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}^2\ \Phi_{264}^2\ \Phi_{198}\ \Phi_{99}\ \Phi_{72}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{18}\ \Phi_6$
39211	840	1336	$\frac{11}{167}$	$\frac{13}{167}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1336}\ \Phi_{167}\ \Phi_8^2\ \Phi_1^2$
39212	840	1560	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{195}\ \Phi_{65}\ \Phi_{39}$
39213	840	839	$\frac{15}{839}$	$\frac{206}{839}$	$\frac{211}{839}$	$\frac{314}{839}$	$\Phi_{839}\ \Phi_1^2$
39214	840	839	$\frac{19}{839}$	$\frac{164}{839}$	$\frac{225}{839}$	$\frac{307}{839}$	$\Phi_{839}\ \Phi_1^2$
39215	840	900	$\frac{1}{36}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
39216	840	839	$\frac{27}{839}$	$\frac{116}{839}$	$\frac{241}{839}$	$\frac{299}{839}$	$\Phi_{839}\ \Phi_1^2$
39217	840	899	$\frac{1}{29}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	Φ_{899}
39218	840	1350	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{1350}\ \Phi_{450}\ \Phi_{270}\ \Phi_{225}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
39219	840	839	$\frac{39}{839}$	$\frac{80}{839}$	$\frac{253}{839}$	$\frac{293}{839}$	$\Phi_{839}\ \Phi_1^2$
39220	840	903	$\frac{1}{21}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{903}\ \Phi_{301}\ \Phi_{129}$
39221	840	839	$\frac{55}{839}$	$\frac{56}{839}$	$\frac{261}{839}$	$\frac{289}{839}$	$\Phi_{839}\ \Phi_1^2$
39222	840	915	$\frac{4}{61}$	$\frac{1}{15}$	$\frac{19}{61}$	$\frac{21}{61}$	$\Phi_{915}\ \Phi_{305}\ \Phi_{183}$
39223	840	935	$\frac{4}{85}$	$\frac{1}{11}$	$\frac{27}{85}$	$\frac{29}{85}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{55}$
39224	840	839	$\frac{38}{839}$	$\frac{79}{839}$	$\frac{267}{839}$	$\frac{286}{839}$	$\Phi_{839}\ \Phi_1^2$
39225	840	968	$\frac{4}{121}$	$\frac{1}{8}$	$\frac{39}{121}$	$\frac{41}{121}$	$\Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
39226	840	839	$\frac{26}{839}$	$\frac{111}{839}$	$\frac{271}{839}$	$\frac{284}{839}$	$\Phi_{839}\ \Phi_1^2$
39227	840	839	$\frac{20}{839}$	$\frac{139}{839}$	$\frac{273}{839}$	$\frac{283}{839}$	$\Phi_{839}\ \Phi_1^2$
39228	840	1014	$\frac{4}{169}$	$\frac{1}{6}$	$\frac{55}{169}$	$\frac{57}{169}$	$\Phi_{1014}\ \Phi_{507}\ \Phi_{338}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
39229	840	1055	$\frac{4}{211}$	$\frac{1}{5}$	$\frac{69}{211}$	$\frac{71}{211}$	Φ_{1055}
39230	840	839	$\frac{8}{839}$	$\frac{277}{839}$	$\frac{279}{839}$	$\frac{281}{839}$	$\Phi_{839}\ \Phi_1^2$
39231	840	1263	$\frac{4}{421}$	$\frac{139}{421}$	$\frac{1}{3}$	$\frac{141}{421}$	Φ_{1263}
39232	840	318	$\frac{1}{106}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{318}^3\ \Phi_{159}^3\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_6^3\ \Phi_2^2$
39233	840	627	$\frac{2}{209}$	$\frac{69}{209}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{627}\ \Phi_{209}^2\ \Phi_{57}\ \Phi_{33}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
39234	840	852	$\frac{1}{71}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{852}\ \Phi_{426}\ \Phi_{284}^2\ \Phi_{142}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
39235	840	549	$\frac{1}{61}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{549}^2\ \Phi_{183}$
39236	840	627	$\frac{4}{209}$	$\frac{41}{209}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{627}\ \Phi_{209}^2\ \Phi_{57}\ \Phi_{33}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
39237	840	258	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{258}^4\ \Phi_{129}^3\ \Phi_{86}^4\ \Phi_{43}^2$
39238	840	627	$\frac{5}{209}$	$\frac{34}{209}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{627}\ \Phi_{209}^2\ \Phi_{57}\ \Phi_{33}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
39239	840	252	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^2$
39240	840	627	$\frac{6}{209}$	$\frac{29}{209}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{627}\ \Phi_{209}^2\ \Phi_{57}\ \Phi_{33}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
39241	840	744	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{744}\ \Phi_{372}\ \Phi_{248}^2\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{62}^2$
39242	840	627	$\frac{9}{209}$	$\frac{20}{209}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{627}\ \Phi_{209}^2\ \Phi_{57}\ \Phi_{33}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
39243	840	66	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{66}^{10}\ \Phi_{33}^9\ \Phi_{22}^{20}\ \Phi_{11}^{18}\ \Phi_6^{10}\ \Phi_3^{10}\ \Phi_2^{20}\ \Phi_1^{20}$
39244	840	114	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{114}^6\ \Phi_{57}^5\ \Phi_{38}^{12}\ \Phi_{19}^{10}\ \Phi_6^6\ \Phi_3^6\ \Phi_2^{12}\ \Phi_1^{12}$
39245	840	627	$\frac{13}{209}$	$\frac{14}{209}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{627}\ \Phi_{209}^2\ \Phi_{57}\ \Phi_{33}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
39246	840	240	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^3\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
39247	840	1071	$\frac{2}{119}$	$\frac{2}{9}$	$\frac{39}{119}$	$\frac{1}{3}$	$\Phi_{1071}\ \Phi_{153}\ \Phi_{119}\ \Phi_{63}\ \Phi_{17}\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
39248	840	780	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{17}{52}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{195}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^3$
39249	840	1263	$\frac{10}{421}$	$\frac{71}{421}$	$\frac{137}{421}$	$\frac{1}{3}$	Φ_{1263}
39250	840	498	$\frac{2}{83}$	$\frac{1}{6}$	$\frac{27}{83}$	$\frac{1}{3}$	$\Phi_{498}^2\ \Phi_{249}\ \Phi_{166}^2\ \Phi_{83}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
39251	840	1449	$\frac{2}{69}$	$\frac{1}{7}$	$\frac{67}{207}$	$\frac{1}{3}$	$\Phi_{1449}\ \Phi_{63}\ \Phi_{21}$
39252	840	1263	$\frac{13}{421}$	$\frac{57}{421}$	$\frac{136}{421}$	$\frac{1}{3}$	Φ_{1263}
39253	840	1416	$\frac{2}{59}$	$\frac{1}{8}$	$\frac{19}{59}$	$\frac{1}{3}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{354}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
39254	840	1263	$\frac{19}{421}$	$\frac{41}{421}$	$\frac{134}{421}$	$\frac{1}{3}$	Φ_{1263}
39255	840	1353	$\frac{2}{41}$	$\frac{1}{11}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{1353}\ \Phi_{33}^2$
39256	840	663	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{663}\ \Phi_{221}^2\ \Phi_{39}^2\ \Phi_{13}^2$
39257	840	1263	$\frac{28}{421}$	$\frac{29}{421}$	$\frac{131}{421}$	$\frac{1}{3}$	Φ_{1263}
39258	840	435	$\frac{1}{15}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{435}^2\ \Phi_{145}^2\ \Phi_{87}\ \Phi_{29}^2\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
39259	840	1296	$\frac{1}{16}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
39260	840	1263	$\frac{21}{421}$	$\frac{40}{421}$	$\frac{127}{421}$	$\frac{1}{3}$	Φ_{1263}
39261	840	210	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^2\ \Phi_{21}^6\ \Phi_{15}^2\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^6\ \Phi_6^2\ \Phi_5^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
39262	840	1263	$\frac{15}{421}$	$\frac{58}{421}$	$\frac{121}{421}$	$\frac{1}{3}$	Φ_{1263}
39263	840	609	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{609}^2\ \Phi_{87}^3$
39264	840	396	$\frac{1}{36}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^4\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_9^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
39265	840	1263	$\frac{11}{421}$	$\frac{82}{421}$	$\frac{113}{421}$	$\frac{1}{3}$	Φ_{1263}
39266	840	1161	$\frac{1}{43}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1161}\ \Phi_{129}$
39267	840	1263	$\frac{9}{421}$	$\frac{103}{421}$	$\frac{106}{421}$	$\frac{1}{3}$	Φ_{1263}
39268	840	1668	$\frac{3}{139}$	$\frac{34}{139}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1668}\ \Phi_{834}\ \Phi_{12}^2\ \Phi_6^2$
39269	840	1476	$\frac{1}{41}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{164}\ \Phi_{82}$
39270	840	180	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^5\ \Phi_{45}^6\ \Phi_{30}^5\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{10}^6\ \Phi_5^6$
39271	840	1668	$\frac{4}{139}$	$\frac{27}{139}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1668}\ \Phi_{834}\ \Phi_{12}^2\ \Phi_6^2$
39272	840	348	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{348}^3\ \Phi_{174}\ \Phi_{116}^4\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{29}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
39273	840	1668	$\frac{6}{139}$	$\frac{19}{139}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1668}\ \Phi_{834}\ \Phi_{12}^2\ \Phi_{6}^2$
39274	840	168	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^6\ \Phi_{84}^4\ \Phi_{56}^6\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{21}^6\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_{8}^6\ \Phi_{7}^6\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
39275	840	1668	$\frac{9}{139}$	$\frac{13}{139}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1668}\ \Phi_{834}\ \Phi_{12}^2\ \Phi_{6}^2$
39276	840	660	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{132}\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{22}^2$
39277	840	1071	$\frac{3}{119}$	$\frac{2}{9}$	$\frac{29}{119}$	$\frac{1}{3}$	$\Phi_{1071}\ \Phi_{153}\ \Phi_{119}\ \Phi_{63}\ \Phi_{17}\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
39278	840	498	$\frac{3}{83}$	$\frac{1}{6}$	$\frac{20}{83}$	$\frac{1}{3}$	$\Phi_{498}^2\ \Phi_{249}\ \Phi_{166}^2\ \Phi_{83}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
39279	840	1263	$\frac{17}{421}$	$\frac{64}{421}$	$\frac{101}{421}$	$\frac{1}{3}$	Φ_{1263}
39280	840	966	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{11}{46}$	$\frac{1}{3}$	$\Phi_{966}^2\ \Phi_{483}\ \Phi_{42}^2\ \Phi_{21}^2$
39281	840	1416	$\frac{3}{59}$	$\frac{1}{8}$	$\frac{14}{59}$	$\frac{1}{3}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{354}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
39282	840	1263	$\frac{25}{421}$	$\frac{46}{421}$	$\frac{99}{421}$	$\frac{1}{3}$	Φ_{1263}
39283	840	1395	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1395}\ \Phi_{155}$
39284	840	1071	$\frac{4}{119}$	$\frac{23}{119}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1071}\ \Phi_{153}\ \Phi_{119}\ \Phi_{63}\ \Phi_{17}\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
39285	840	450	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{450}^3\ \Phi_{225}^2\ \Phi_{150}\ \Phi_{90}^3\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
39286	840	1071	$\frac{5}{119}$	$\frac{19}{119}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1071}\ \Phi_{153}\ \Phi_{119}\ \Phi_{63}\ \Phi_{17}\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
39287	840	63	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{63}^{17}\ \Phi_{21}^6\ \Phi_{9}^{18}\ \Phi_{7}^5\ \Phi_{3}^6\ \Phi_{1}^6$
39288	840	153	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{153}^7\ \Phi_{17}^7\ \Phi_{9}^8\ \Phi_{1}^8$
39289	840	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{144}^6\ \Phi_{72}^6\ \Phi_{48}^7\ \Phi_{36}^6\ \Phi_{24}^7\ \Phi_{18}^6\ \Phi_{16}^6\ \Phi_{12}^7\ \Phi_{8}^6\ \Phi_{6}^7\ \Phi_{4}^6\ \Phi_{2}^6$
39290	840	1071	$\frac{9}{119}$	$\frac{11}{119}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1071}\ \Phi_{153}\ \Phi_{119}\ \Phi_{63}\ \Phi_{17}\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
39291	840	1287	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1287}\ \Phi_{143}$
39292	840	1263	$\frac{22}{421}$	$\frac{57}{421}$	$\frac{91}{421}$	$\frac{1}{3}$	Φ_{1263}
39293	840	1254	$\frac{1}{22}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{114}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{6}^2$
39294	840	1263	$\frac{16}{421}$	$\frac{81}{421}$	$\frac{85}{421}$	$\frac{1}{3}$	Φ_{1263}
39295	840	390	$\frac{1}{26}$	$\frac{5}{26}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{30}^4\ \Phi_{15}^5$
39296	840	330	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{330}^3\ \Phi_{165}^3\ \Phi_{110}^4\ \Phi_{55}^4\ \Phi_{30}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{5}^2$
39297	840	525	$\frac{1}{21}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{75}\ \Phi_{25}^2\ \Phi_{21}^2\ \Phi_{7}^2\ \Phi_{3}\ \Phi_{1}^2$
39298	840	780	$\frac{3}{52}$	$\frac{7}{52}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{195}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^3$
39299	840	240	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{240}^7\ \Phi_{120}^6\ \Phi_{60}^6\ \Phi_{30}^6\ \Phi_{15}^7$
39300	840	195	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{195}^5\ \Phi_{65}^6\ \Phi_{15}^6\ \Phi_{5}^6$
39301	840	483	$\frac{4}{69}$	$\frac{1}{7}$	$\frac{13}{69}$	$\frac{1}{3}$	$\Phi_{483}^2\ \Phi_{161}^2\ \Phi_{21}^3\ \Phi_{7}^2$
39302	840	1263	$\frac{26}{421}$	$\frac{57}{421}$	$\frac{79}{421}$	$\frac{1}{3}$	Φ_{1263}
39303	840	1416	$\frac{4}{59}$	$\frac{1}{8}$	$\frac{11}{59}$	$\frac{1}{3}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{354}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
39304	840	1263	$\frac{31}{421}$	$\frac{49}{421}$	$\frac{78}{421}$	$\frac{1}{3}$	Φ_{1263}
39305	840	663	$\frac{1}{13}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{663}^2\ \Phi_{39}^3$
39306	840	1263	$\frac{29}{421}$	$\frac{56}{421}$	$\frac{73}{421}$	$\frac{1}{3}$	Φ_{1263}
39307	840	435	$\frac{1}{15}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{435}^2\ \Phi_{145}^2\ \Phi_{87}\ \Phi_{29}^2\ \Phi_{15}^4\ \Phi_{5}^4\ \Phi_{3}^2\ \Phi_{1}^4$
39308	840	1263	$\frac{25}{421}$	$\frac{66}{421}$	$\frac{71}{421}$	$\frac{1}{3}$	Φ_{1263}
39309	840	498	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{498}^2\ \Phi_{249}\ \Phi_{166}^2\ \Phi_{83}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
39310	840	210	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{210}^6\ \Phi_{105}^4\ \Phi_{70}^6\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{7}^2$
39311	840	498	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{498}^2\ \Phi_{249}\ \Phi_{166}^2\ \Phi_{83}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
39312	840	312	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{104}^4\ \Phi_{78}\ \Phi_{52}^4\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2$
39313	840	1416	$\frac{5}{59}$	$\frac{1}{8}$	$\frac{9}{59}$	$\frac{1}{3}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{354}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
39314	840	1263	$\frac{37}{421}$	$\frac{51}{421}$	$\frac{64}{421}$	$\frac{1}{3}$	Φ_{1263}
39315	840	1353	$\frac{1}{11}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{3}$	$\Phi_{1353}\ \Phi_{33}^2$
39316	840	1263	$\frac{36}{421}$	$\frac{55}{421}$	$\frac{61}{421}$	$\frac{1}{3}$	Φ_{1263}
39317	840	483	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{483}^3\ \Phi_{21}^4$
39318	840	1848	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}$
39319	840	779	$\frac{2}{41}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{13}{41}$	$\Phi_{779}\ \Phi_{41}^2\ \Phi_{19}^2\ \Phi_1^4$
39320	840	1230	$\frac{2}{41}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{13}{41}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{410}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
39321	840	839	$\frac{47}{839}$	$\frac{115}{839}$	$\frac{181}{839}$	$\frac{264}{839}$	$\Phi_{839}\ \Phi_1^2$
39322	840	1173	$\frac{1}{17}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{16}{51}$	$\Phi_{1173}\ \Phi_{69}\ \Phi_{51}^2\ \Phi_{23}\ \Phi_3^2\ \Phi_1^2$
39323	840	612	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{36}^3\ \Phi_{34}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
39324	840	1173	$\frac{1}{17}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{16}{51}$	$\Phi_{1173}\ \Phi_{69}\ \Phi_{51}^2\ \Phi_{23}\ \Phi_3^2\ \Phi_1^2$
39325	840	1785	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{16}{51}$	$\Phi_{1785}\ \Phi_{105}\ \Phi_{35}$
39326	840	1014	$\frac{10}{169}$	$\frac{1}{6}$	$\frac{29}{169}$	$\frac{53}{169}$	$\Phi_{1014}\ \Phi_{507}\ \Phi_{338}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
39327	840	839	$\frac{50}{839}$	$\frac{139}{839}$	$\frac{144}{839}$	$\frac{263}{839}$	$\Phi_{839}\ \Phi_1^2$
39328	840	1055	$\frac{13}{211}$	$\frac{29}{211}$	$\frac{1}{5}$	$\frac{66}{211}$	Φ_{1055}
39329	840	261	$\frac{2}{29}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{9}{29}$	$\Phi_{261}^3\ \Phi_{87}^3\ \Phi_{29}^4\ \Phi_9^6\ \Phi_3^6\ \Phi_1^8$
39330	840	1160	$\frac{2}{29}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{9}{29}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
39331	840	390	$\frac{1}{13}$	$\frac{9}{65}$	$\frac{1}{6}$	$\frac{4}{13}$	$\Phi_{390}^3\ \Phi_{195}^3\ \Phi_{130}^3\ \Phi_{78}\ \Phi_{39}\ \Phi_{30}^3\ \Phi_{26}\ \Phi_{15}^3\ \Phi_{10}^3$
39332	840	839	$\frac{65}{839}$	$\frac{83}{839}$	$\frac{189}{839}$	$\frac{258}{839}$	$\Phi_{839}\ \Phi_1^2$
39333	840	968	$\frac{10}{121}$	$\frac{1}{8}$	$\frac{21}{121}$	$\frac{37}{121}$	$\Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
39334	840	391	$\frac{2}{23}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{23}$	$\Phi_{391}^2\ \Phi_{23}^3\ \Phi_{17}^4\ \Phi_1^6$
39335	840	552	$\frac{2}{23}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{23}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{24}^4\ \Phi_{23}\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
39336	840	839	$\frac{74}{839}$	$\frac{99}{839}$	$\frac{146}{839}$	$\frac{255}{839}$	$\Phi_{839}\ \Phi_1^2$
39337	840	1055	$\frac{19}{211}$	$\frac{21}{211}$	$\frac{1}{5}$	$\frac{64}{211}$	Φ_{1055}
39338	840	130	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{3}{13}$	$\frac{3}{10}$	$\Phi_{130}^6\ \Phi_{65}^6\ \Phi_{26}^6\ \Phi_{13}^9\ \Phi_{10}^8\ \Phi_5^8\ \Phi_2^8\ \Phi_1^{12}$
39339	840	110	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{110}^8\ \Phi_{55}^9\ \Phi_{22}^8\ \Phi_{11}^8$
39340	840	390	$\frac{1}{10}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{3}{10}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{39}^3\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{15}^2\ \Phi_{13}^3\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
39341	840	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{90}^{10}\ \Phi_{45}^{10}\ \Phi_{30}^6\ \Phi_{18}^{13}\ \Phi_{15}^6\ \Phi_{10}^8\ \Phi_9^{12}\ \Phi_6^8\ \Phi_5^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
39342	840	839	$\frac{84}{839}$	$\frac{86}{839}$	$\frac{151}{839}$	$\frac{251}{839}$	$\Phi_{839}\ \Phi_1^2$
39343	840	968	$\frac{13}{121}$	$\frac{1}{8}$	$\frac{17}{121}$	$\frac{36}{121}$	$\Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
39344	840	839	$\frac{59}{839}$	$\frac{92}{839}$	$\frac{195}{839}$	$\frac{249}{839}$	$\Phi_{839}\ \Phi_1^2$
39345	840	839	$\frac{92}{839}$	$\frac{103}{839}$	$\frac{118}{839}$	$\frac{249}{839}$	$\Phi_{839}\ \Phi_1^2$
39346	840	1014	$\frac{17}{169}$	$\frac{19}{169}$	$\frac{1}{6}$	$\frac{50}{169}$	$\Phi_{1014}\ \Phi_{507}\ \Phi_{338}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
39347	840	839	$\frac{74}{839}$	$\frac{98}{839}$	$\frac{153}{839}$	$\frac{247}{839}$	$\Phi_{839}\ \Phi_1^2$
39348	840	187	$\frac{1}{11}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{187}^5\ \Phi_{11}^4$
39349	840	954	$\frac{1}{9}$	$\frac{13}{106}$	$\frac{15}{106}$	$\frac{31}{106}$	$\Phi_{954}\ \Phi_{477}\ \Phi_{318}\ \Phi_{159}\ \Phi_{18}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
39350	840	839	$\frac{90}{839}$	$\frac{107}{839}$	$\frac{119}{839}$	$\frac{244}{839}$	$\Phi_{839}\ \Phi_1^2$
39351	840	1014	$\frac{15}{169}$	$\frac{22}{169}$	$\frac{1}{6}$	$\frac{49}{169}$	$\Phi_{1014}\ \Phi_{507}\ \Phi_{338}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
39352	840	839	$\frac{69}{839}$	$\frac{110}{839}$	$\frac{149}{839}$	$\frac{243}{839}$	$\Phi_{839}\ \Phi_1^2$
39353	840	1055	$\frac{15}{211}$	$\frac{28}{211}$	$\frac{1}{5}$	$\frac{61}{211}$	Φ_{1055}
39354	840	385	$\frac{3}{55}$	$\frac{1}{7}$	$\frac{13}{55}$	$\frac{2}{7}$	$\Phi_{385}^2\ \Phi_{77}^2\ \Phi_{55}^3\ \Phi_{35}^2\ \Phi_{11}^3\ \Phi_7^4\ \Phi_5^3\ \Phi_1^6$
39355	840	105	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{105}^8\ \Phi_{35}^6\ \Phi_{21}^8\ \Phi_{15}^{12}\ \Phi_7^8\ \Phi_5^9\ \Phi_3^{12}\ \Phi_1^{12}$
39356	840	231	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{33}$	$\frac{2}{7}$	$\Phi_{231}^4\ \Phi_{77}^2\ \Phi_{33}^6\ \Phi_{21}^4\ \Phi_{11}^3\ \Phi_7^4\ \Phi_3^6\ \Phi_1^6$
39357	840	385	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{385}^2\ \Phi_{77}^2\ \Phi_{55}^3\ \Phi_{35}^2\ \Phi_{11}^3\ \Phi_7^4\ \Phi_5^3\ \Phi_1^6$
39358	840	504	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^3\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_6^3$
39359	840	839	$\frac{43}{839}$	$\frac{128}{839}$	$\frac{199}{839}$	$\frac{237}{839}$	$\Phi_{839}\ \Phi_1^2$
39360	840	78	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{6}$	$\frac{11}{39}$	$\Phi_{78}^{13}\ \Phi_{39}^7\ \Phi_{26}^{13}\ \Phi_{13}^{12}\ \Phi_6^{12}\ \Phi_3^6\ \Phi_2^{12}\ \Phi_1^{12}$
39361	840	915	$\frac{1}{15}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	$\Phi_{915}\ \Phi_{305}\ \Phi_{183}$
39362	840	839	$\frac{76}{839}$	$\frac{109}{839}$	$\frac{146}{839}$	$\frac{231}{839}$	$\Phi_{839}\ \Phi_1^2$
39363	840	839	$\frac{87}{839}$	$\frac{94}{839}$	$\frac{149}{839}$	$\frac{230}{839}$	$\Phi_{839}\ \Phi_1^2$
39364	840	954	$\frac{11}{106}$	$\frac{1}{9}$	$\frac{19}{106}$	$\frac{29}{106}$	$\Phi_{954}\ \Phi_{477}\ \Phi_{318}\ \Phi_{159}\ \Phi_{18}\ \Phi_6$
39365	840	506	$\frac{1}{23}$	$\frac{2}{11}$	$\frac{11}{46}$	$\frac{3}{11}$	$\Phi_{506}^2\ \Phi_{253}\ \Phi_{46}^4\ \Phi_{23}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_2^4\ \Phi_1^4$
39366	840	759	$\frac{4}{69}$	$\frac{2}{11}$	$\frac{13}{69}$	$\frac{3}{11}$	$\Phi_{759}\ \Phi_{253}\ \Phi_{69}^2\ \Phi_{33}\ \Phi_{23}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
39367	840	330	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{330}^3\ \Phi_{165}^2\ \Phi_{110}^3\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{30}^6\ \Phi_{22}^2\ \Phi_{15}^4\ \Phi_{11}^2\ \Phi_{10}^6\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
39368	840	253	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{253}^3\ \Phi_{23}^6\ \Phi_{11}^4\ \Phi_1^8$
39369	840	88	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{88}^{11}\ \Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_8^{10}\ \Phi_4^{10}\ \Phi_2^{10}$
39370	840	1200	$\frac{1}{25}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
39371	840	839	$\frac{49}{839}$	$\frac{153}{839}$	$\frac{158}{839}$	$\frac{227}{839}$	$\Phi_{839}\ \Phi_1^2$
39372	840	1055	$\frac{11}{211}$	$\frac{40}{211}$	$\frac{1}{5}$	$\frac{57}{211}$	Φ_{1055}
39373	840	839	$\frac{44}{839}$	$\frac{159}{839}$	$\frac{170}{839}$	$\frac{223}{839}$	$\Phi_{839}\ \Phi_1^2$
39374	840	304	$\frac{1}{16}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{304}^3\ \Phi_{152}^3\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
39375	840	915	$\frac{1}{15}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{915}\ \Phi_{305}\ \Phi_{183}$
39376	840	839	$\frac{62}{839}$	$\frac{111}{839}$	$\frac{182}{839}$	$\frac{219}{839}$	$\Phi_{839}\ \Phi_1^2$
39377	840	935	$\frac{1}{11}$	$\frac{9}{85}$	$\frac{19}{85}$	$\frac{22}{85}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{55}$
39378	840	839	$\frac{75}{839}$	$\frac{89}{839}$	$\frac{191}{839}$	$\frac{216}{839}$	$\Phi_{839}\ \Phi_1^2$
39379	840	968	$\frac{9}{121}$	$\frac{1}{8}$	$\frac{28}{121}$	$\frac{31}{121}$	$\Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
39380	840	839	$\frac{51}{839}$	$\frac{125}{839}$	$\frac{197}{839}$	$\frac{214}{839}$	$\Phi_{839}\ \Phi_1^2$
39381	840	1014	$\frac{9}{169}$	$\frac{1}{6}$	$\frac{40}{169}$	$\frac{43}{169}$	$\Phi_{1014}\ \Phi_{507}\ \Phi_{338}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
39382	840	460	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{11}{46}$	$\frac{1}{4}$	$\Phi_{460}^3\ \Phi_{230}\ \Phi_{115}^2\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2$
39383	840	660	$\frac{3}{55}$	$\frac{1}{6}$	$\frac{13}{55}$	$\frac{1}{4}$	$\Phi_{660}^2\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{11}\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
39384	840	1124	$\frac{17}{281}$	$\frac{43}{281}$	$\frac{66}{281}$	$\frac{1}{4}$	$\Phi_{1124}\ \Phi_{562}$
39385	840	104	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{104}^9\ \Phi_{52}^6\ \Phi_{26}^6\ \Phi_{13}^9\ \Phi_8^{12}\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{12}$
39386	840	1124	$\frac{25}{281}$	$\frac{31}{281}$	$\frac{64}{281}$	$\frac{1}{4}$	$\Phi_{1124}\ \Phi_{562}$
39387	840	396	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{44}^4\ \Phi_{22}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
39388	840	1124	$\frac{22}{281}$	$\frac{37}{281}$	$\frac{61}{281}$	$\frac{1}{4}$	$\Phi_{1124}\ \Phi_{562}$
39389	840	1140	$\frac{1}{15}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{228}\ \Phi_{190}\ \Phi_{114}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2$
39390	840	1124	$\frac{16}{281}$	$\frac{53}{281}$	$\frac{57}{281}$	$\frac{1}{4}$	$\Phi_{1124}\ \Phi_{562}$
39391	840	1380	$\frac{4}{69}$	$\frac{13}{69}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{230}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
39392	840	60	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{60}^{18}\ \Phi_{30}^7\ \Phi_{20}^{19}\ \Phi_{15}^{11}\ \Phi_{12}^{20}\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^{11}\ \Phi_4^{20}\ \Phi_3^{12}\ \Phi_2^8\ \Phi_1^{12}$
39393	840	460	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{460}^3\ \Phi_{230}^3\ \Phi_{20}^4\ \Phi_{10}^4$
39394	840	440	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{440}^3\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{55}^3$
39395	840	312	$\frac{4}{39}$	$\frac{1}{8}$	$\frac{7}{39}$	$\frac{1}{4}$	$\Phi_{312}^3\ \Phi_{156}^2\ \Phi_{104}^3\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{24}^3\ \Phi_{13}^3\ \Phi_{12}^2\ \Phi_8^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
39396	840	1124	$\frac{31}{281}$	$\frac{33}{281}$	$\frac{50}{281}$	$\frac{1}{4}$	$\Phi_{1124}\ \Phi_{562}$
39397	840	612	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_6^3$
39398	840	1124	$\frac{29}{281}$	$\frac{36}{281}$	$\frac{49}{281}$	$\frac{1}{4}$	$\Phi_{1124}\ \Phi_{562}$
39399	840	132	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{132}^8\ \Phi_{66}^3\ \Phi_{44}^9\ \Phi_{33}^5\ \Phi_{22}^4\ \Phi_{12}^{10}\ \Phi_{11}^5\ \Phi_6^4\ \Phi_4^{10}\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
39400	840	660	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{660}^2\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{11}\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
39401	840	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{72}^{15}\ \Phi_{36}^{10}\ \Phi_{24}^9\ \Phi_{18}^{13}\ \Phi_{12}^6\ \Phi_9^{12}\ \Phi_8^{12}\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
39402	840	325	$\frac{1}{13}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{3}{13}$	$\Phi_{325}^3\ \Phi_{25}^4\ \Phi_{13}^3\ \Phi_1^4$
39403	840	78	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{26}$	$\frac{3}{13}$	$\Phi_{78}^{13}\ \Phi_{39}^{13}\ \Phi_{26}^5\ \Phi_{13}^8\ \Phi_6^{12}\ \Phi_3^{12}\ \Phi_2^4\ \Phi_1^8$
39404	840	261	$\frac{1}{9}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{2}{9}$	$\Phi_{261}^3\ \Phi_{87}^3\ \Phi_{29}^4\ \Phi_9^6\ \Phi_3^6\ \Phi_1^8$
39405	840	126	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{9}$	$\Phi_{126}^9\ \Phi_{63}^6\ \Phi_{42}^{10}\ \Phi_{21}^7\ \Phi_{14}^{10}\ \Phi_7^6$
39406	840	839	$\frac{99}{839}$	$\frac{109}{839}$	$\frac{146}{839}$	$\frac{185}{839}$	$\Phi_{839}\ \Phi_1^2$
39407	840	987	$\frac{17}{141}$	$\frac{1}{7}$	$\frac{22}{141}$	$\frac{31}{141}$	$\Phi_{987}\ \Phi_{329}\ \Phi_{21}$
39408	840	839	$\frac{103}{839}$	$\frac{118}{839}$	$\frac{131}{839}$	$\frac{184}{839}$	$\Phi_{839}\ \Phi_1^2$
39409	840	1014	$\frac{21}{169}$	$\frac{22}{169}$	$\frac{1}{6}$	$\frac{37}{169}$	$\Phi_{1014}\ \Phi_{507}\ \Phi_{338}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
39410	840	391	$\frac{2}{17}$	$\frac{3}{23}$	$\frac{3}{17}$	$\frac{5}{23}$	$\Phi_{391}^2\ \Phi_{23}^3\ \Phi_{17}^4\ \Phi_1^6$
39411	840	552	$\frac{1}{8}$	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{5}{23}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{24}^4\ \Phi_{23}\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
39412	840	839	$\frac{94}{839}$	$\frac{115}{839}$	$\frac{149}{839}$	$\frac{181}{839}$	$\Phi_{839}\ \Phi_1^2$
39413	840	968	$\frac{1}{8}$	$\frac{17}{121}$	$\frac{19}{121}$	$\frac{26}{121}$	$\Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
39414	840	839	$\frac{101}{839}$	$\frac{123}{839}$	$\frac{132}{839}$	$\frac{179}{839}$	$\Phi_{839}\ \Phi_1^2$
39415	840	1014	$\frac{19}{169}$	$\frac{25}{169}$	$\frac{1}{6}$	$\frac{36}{169}$	$\Phi_{1014}\ \Phi_{507}\ \Phi_{338}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
39416	840	779	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{779}\ \Phi_{41}^2\ \Phi_{19}^2\ \Phi_1^4$
39417	840	1064	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2$
39418	840	839	$\frac{95}{839}$	$\frac{124}{839}$	$\frac{143}{839}$	$\frac{174}{839}$	$\Phi_{839}\ \Phi_1^2$
39419	840	968	$\frac{1}{8}$	$\frac{16}{121}$	$\frac{21}{121}$	$\frac{25}{121}$	$\Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
39420	840	839	$\frac{104}{839}$	$\frac{111}{839}$	$\frac{147}{839}$	$\frac{173}{839}$	$\Phi_{839}\ \Phi_1^2$
39421	840	987	$\frac{16}{141}$	$\frac{1}{7}$	$\frac{25}{141}$	$\frac{29}{141}$	$\Phi_{987}\ \Phi_{329}\ \Phi_{21}$
39422	840	275	$\frac{1}{11}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{275}^4\ \Phi_{55}$
39423	840	975	$\frac{4}{39}$	$\frac{4}{25}$	$\frac{7}{39}$	$\frac{1}{5}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{75}\ \Phi_{39}\ \Phi_{25}^2\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
39424	840	595	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{3}{17}$	$\frac{1}{5}$	$\Phi_{595}^2\ \Phi_{35}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
39425	840	1055	$\frac{26}{211}$	$\frac{29}{211}$	$\frac{37}{211}$	$\frac{1}{5}$	Φ_{1055}
39426	840	1160	$\frac{1}{8}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{5}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
39427	840	1055	$\frac{25}{211}$	$\frac{31}{211}$	$\frac{36}{211}$	$\frac{1}{5}$	Φ_{1055}
39428	840	450	$\frac{1}{9}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{450}^3\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
39429	840	1230	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{410}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
39430	840	840	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{35}$
39431	841	1344	$\frac{1}{168}$	$\frac{169}{672}$	$\frac{503}{1344}$	$\frac{167}{336}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{336}\ \Phi_{192}\ \Phi_{112}\ \Phi_{64}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
39432	841	1440	$\frac{1}{120}$	$\frac{121}{720}$	$\frac{599}{1440}$	$\frac{119}{240}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
39433	841	1664	$\frac{9}{832}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{823}{1664}$	$\Phi_{1664}\ \Phi_{128}\ \Phi_{16}\ \Phi_1$
39434	841	1656	$\frac{13}{828}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{815}{1656}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{184}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
39435	841	1128	$\frac{5}{282}$	$\frac{1}{6}$	$\frac{287}{1128}$	$\frac{277}{564}$	$\Phi_{1128}\ \Phi_{376}\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}\ \Phi_{47}\ \Phi_{24}\ \Phi_8\ \Phi_1$
39436	841	1568	$\frac{1}{56}$	$\frac{57}{784}$	$\frac{727}{1568}$	$\frac{55}{112}$	$\Phi_{1568}\ \Phi_{224}\ \Phi_{112}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
39437	841	1600	$\frac{1}{40}$	$\frac{41}{800}$	$\frac{759}{1600}$	$\frac{39}{80}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{80}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
39438	841	1200	$\frac{1}{40}$	$\frac{41}{400}$	$\frac{359}{1200}$	$\frac{39}{80}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
39439	841	960	$\frac{1}{40}$	$\frac{119}{960}$	$\frac{41}{160}$	$\frac{39}{80}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
39440	841	1632	$\frac{25}{816}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{791}{1632}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
39441	841	56	$\frac{1}{28}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{27}{56}$	$\Phi_{56}^2\ \Phi_{28}^{28}\ \Phi_{14}^{28}\ \Phi_8^2\ \Phi_7^{28}\ \Phi_4^{28}\ \Phi_2^{28}\ \Phi_1^{29}$
39442	841	168	$\frac{1}{28}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{27}{56}$	$\Phi_{168}^{14}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}^{14}\ \Phi_{21}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
39443	841	224	$\frac{1}{28}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{224}^4\ \Phi_{112}^4\ \Phi_{56}\ \Phi_{32}^5\ \Phi_{28}^4\ \Phi_{16}^5\ \Phi_{14}^4\ \Phi_8^2\ \Phi_7^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
39444	841	280	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{27}{56}$	$\Phi_{280}^7\ \Phi_{56}\ \Phi_{40}^7\ \Phi_{35}\ \Phi_8\ \Phi_5\ \Phi_1$
39445	841	1620	$\frac{31}{810}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{779}{1620}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{324}\ \Phi_{180}\ \Phi_{108}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
39446	841	1140	$\frac{14}{285}$	$\frac{1}{15}$	$\frac{299}{1140}$	$\frac{271}{570}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{20}\ \Phi_{19}\ \Phi_{12}\ \Phi_4\ \Phi_1$
39447	841	1600	$\frac{41}{800}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{759}{1600}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{64}\ \Phi_{50}\ \Phi_{25}\ \Phi_1$
39448	841	1020	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{179}{1020}$	$\frac{161}{340}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{60}\ \Phi_{51}\ \Phi_{34}\ \Phi_{30}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
39449	841	910	$\frac{4}{65}$	$\frac{69}{910}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{910}\ \Phi_{455}\ \Phi_{182}\ \Phi_{91}\ \Phi_{70}\ \Phi_{65}\ \Phi_{35}\ \Phi_{14}\ \Phi_{13}\ \Phi_7\ \Phi_1$
39450	841	1584	$\frac{1}{24}$	$\frac{49}{792}$	$\frac{23}{72}$	$\frac{743}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
39451	841	270	$\frac{1}{30}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{270}^3\ \Phi_{135}^3\ \Phi_{90}^3\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{30}^5\ \Phi_{27}^3\ \Phi_{18}^2\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_9^3\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
39452	841	924	$\frac{6}{77}$	$\frac{83}{924}$	$\frac{1}{7}$	$\frac{71}{154}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
39453	841	1560	$\frac{4}{65}$	$\frac{61}{780}$	$\frac{1}{5}$	$\frac{719}{1560}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}\ \Phi_{24}\ \Phi_{13}\ \Phi_8\ \Phi_1$
39454	841	1152	$\frac{1}{24}$	$\frac{23}{288}$	$\frac{311}{1152}$	$\frac{265}{576}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
39455	841	1540	$\frac{6}{77}$	$\frac{71}{770}$	$\frac{1}{7}$	$\frac{699}{1540}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}\ \Phi_{20}\ \Phi_{11}\ \Phi_4\ \Phi_1$
39456	841	1536	$\frac{1}{24}$	$\frac{73}{768}$	$\frac{23}{96}$	$\frac{695}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
39457	841	120	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{120}^{10}\ \Phi_{40}^9\ \Phi_{30}^9\ \Phi_{24}^{10}\ \Phi_{15}^9\ \Phi_{10}^8\ \Phi_8^9\ \Phi_6^9\ \Phi_5^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
39458	841	1512	$\frac{1}{42}$	$\frac{85}{756}$	$\frac{41}{126}$	$\frac{671}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{168}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
39459	841	1248	$\frac{9}{416}$	$\frac{1}{8}$	$\frac{407}{1248}$	$\frac{7}{16}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
39460	841	864	$\frac{23}{864}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
39461	841	1040	$\frac{9}{208}$	$\frac{1}{8}$	$\frac{199}{1040}$	$\frac{7}{16}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
39462	841	896	$\frac{55}{896}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
39463	841	1176	$\frac{1}{42}$	$\frac{41}{294}$	$\frac{335}{1176}$	$\frac{253}{588}$	$\Phi_{1176}\ \Phi_{392}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
39464	841	150	$\frac{1}{30}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{150}^{5}\ \Phi_{75}^{5}\ \Phi_{50}^{4}\ \Phi_{30}^{9}\ \Phi_{25}^{5}\ \Phi_{15}^{9}\ \Phi_{10}^{8}\ \Phi_{6}^{9}\ \Phi_{5}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
39465	841	180	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{180}^{6}\ \Phi_{90}^{6}\ \Phi_{45}^{6}\ \Phi_{36}^{5}\ \Phi_{30}^{5}\ \Phi_{18}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
39466	841	1440	$\frac{1}{60}$	$\frac{121}{720}$	$\frac{59}{180}$	$\frac{599}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{96}\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
39467	841	1440	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{121}{720}$	$\frac{599}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
39468	841	900	$\frac{59}{900}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
39469	841	1050	$\frac{1}{35}$	$\frac{34}{175}$	$\frac{209}{1050}$	$\frac{141}{350}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}\ \Phi_{105}\ \Phi_{75}\ \Phi_{42}\ \Phi_{30}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
39470	841	1200	$\frac{1}{60}$	$\frac{59}{300}$	$\frac{359}{1200}$	$\frac{241}{600}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}\ \Phi_{16}\ \Phi_{1}$
39471	841	1400	$\frac{1}{35}$	$\frac{34}{175}$	$\frac{141}{700}$	$\frac{559}{1400}$	$\Phi_{1400}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{56}\ \Phi_{40}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
39472	841	240	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{240}^{6}\ \Phi_{80}^{6}\ \Phi_{48}^{5}\ \Phi_{30}^{5}\ \Phi_{16}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
39473	841	1360	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{161}{680}$	$\frac{519}{1360}$	$\Phi_{1360}\ \Phi_{272}\ \Phi_{170}\ \Phi_{85}\ \Phi_{80}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{1}$
39474	841	960	$\frac{1}{24}$	$\frac{119}{960}$	$\frac{23}{96}$	$\frac{73}{192}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
39475	841	1344	$\frac{1}{56}$	$\frac{55}{224}$	$\frac{169}{672}$	$\frac{503}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{112}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
39476	841	864	$\frac{23}{864}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
39477	841	1296	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{193}{648}$	$\frac{455}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
39478	841	900	$\frac{59}{900}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
39479	841	1008	$\frac{1}{42}$	$\frac{167}{1008}$	$\frac{41}{126}$	$\frac{85}{252}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
39480	841	1080	$\frac{1}{60}$	$\frac{239}{1080}$	$\frac{59}{180}$	$\frac{121}{360}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
39481	841	1260	$\frac{1}{105}$	$\frac{104}{315}$	$\frac{419}{1260}$	$\frac{211}{630}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
39482	841	180	$\frac{1}{30}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^{6}\ \Phi_{90}^{3}\ \Phi_{60}^{6}\ \Phi_{45}^{3}\ \Phi_{36}^{5}\ \Phi_{30}^{5}\ \Phi_{20}^{6}\ \Phi_{18}^{2}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
39483	841	1134	$\frac{1}{42}$	$\frac{85}{378}$	$\frac{293}{1134}$	$\frac{41}{126}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{162}\ \Phi_{126}\ \Phi_{81}\ \Phi_{63}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
39484	841	1242	$\frac{13}{414}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{401}{1242}$	$\Phi_{1242}\ \Phi_{621}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
39485	841	975	$\frac{4}{65}$	$\frac{134}{975}$	$\frac{1}{5}$	$\frac{61}{195}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{75}\ \Phi_{65}\ \Phi_{25}\ \Phi_{13}\ \Phi_{1}$
39486	841	1215	$\frac{1}{15}$	$\frac{31}{405}$	$\frac{374}{1215}$	$\frac{14}{45}$	$\Phi_{1215}\ \Phi_{243}\ \Phi_{45}\ \Phi_{9}\ \Phi_{1}$
39487	841	945	$\frac{1}{15}$	$\frac{104}{945}$	$\frac{31}{135}$	$\frac{14}{45}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
39488	841	1080	$\frac{1}{15}$	$\frac{31}{270}$	$\frac{239}{1080}$	$\frac{14}{45}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
39489	841	42	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{13}{42}$	$\Phi_{42}^{16}\ \Phi_{21}^{16}\ \Phi_{14}^{28}\ \Phi_{7}^{28}\ \Phi_{6}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{28}\ \Phi_{1}^{29}$
39490	841	672	$\frac{1}{14}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{96}^{2}\ \Phi_{48}^{2}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{16}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
39491	841	210	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{13}{42}$	$\Phi_{210}^{7}\ \Phi_{105}^{7}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}^{7}\ \Phi_{21}\ \Phi_{15}^{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
39492	841	1200	$\frac{1}{10}$	$\frac{41}{400}$	$\frac{9}{50}$	$\frac{359}{1200}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
39493	841	1170	$\frac{4}{65}$	$\frac{61}{390}$	$\frac{1}{5}$	$\frac{329}{1170}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{234}\ \Phi_{117}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
39494	841	1155	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{385}$	$\frac{314}{1155}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}\ \Phi_{33}\ \Phi_{21}\ \Phi_{15}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}$
39495	841	1152	$\frac{1}{24}$	$\frac{73}{384}$	$\frac{23}{96}$	$\frac{311}{1152}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
39496	841	32	$\frac{3}{32}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{32}^{26}\ \Phi_{16}^{26}\ \Phi_{8}^{26}\ \Phi_{4}^{28}\ \Phi_{2}^{28}\ \Phi_{1}^{29}$
39497	841	224	$\frac{3}{32}$	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{224}^{4}\ \Phi_{112}^{3}\ \Phi_{56}^{3}\ \Phi_{32}^{5}\ \Phi_{28}^{4}\ \Phi_{16}^{4}\ \Phi_{14}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
39498	841	1120	$\frac{3}{32}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
39499	841	1040	$\frac{4}{65}$	$\frac{199}{1040}$	$\frac{1}{5}$	$\frac{61}{260}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{208}\ \Phi_{104}\ \Phi_{80}\ \Phi_{65}\ \Phi_{40}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
39500	841	1000	$\frac{1}{10}$	$\frac{159}{1000}$	$\frac{9}{50}$	$\frac{41}{200}$	$\Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{50}\ \Phi_{25}\ \Phi_{1}$
39501	841	35	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{6}{35}$	$\Phi_{35}^{23}\ \Phi_{7}^{28}\ \Phi_{5}^{23}\ \Phi_{1}^{29}$
39502	842	812	$\frac{1}{29}$	$\frac{15}{406}$	$\frac{391}{812}$	$\frac{14}{29}$	$\Phi_{812}^{2}\ \Phi_{116}^{2}\ \Phi_{29}\ \Phi_{28}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
39503	842	609	$\frac{1}{29}$	$\frac{15}{203}$	$\frac{188}{609}$	$\frac{14}{29}$	$\Phi_{609}^{2}\ \Phi_{87}^{2}\ \Phi_{29}\ \Phi_{21}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
39504	842	464	$\frac{1}{29}$	$\frac{43}{464}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{464}^{2}\ \Phi_{232}^{2}\ \Phi_{116}^{2}\ \Phi_{29}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
39505	842	783	$\frac{1}{29}$	$\frac{59}{783}$	$\frac{28}{87}$	$\frac{362}{783}$	$\Phi_{783}\ \Phi_{261}\ \Phi_{87}^{2}\ \Phi_{29}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
39506	842	580	$\frac{1}{29}$	$\frac{14}{145}$	$\frac{159}{580}$	$\frac{131}{290}$	$\Phi_{580}^{2}\ \Phi_{145}^{2}\ \Phi_{116}^{2}\ \Phi_{29}\ \Phi_{20}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
39507	842	522	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{101}{522}$	$\frac{73}{174}$	$\Phi_{522}^{2}\ \Phi_{261}^{2}\ \Phi_{87}^{2}\ \Phi_{29}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
39508	842	725	$\frac{1}{29}$	$\frac{117}{725}$	$\frac{28}{145}$	$\frac{304}{725}$	$\Phi_{725}\ \Phi_{145}^{2}\ \Phi_{29}\ \Phi_{25}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
39509	842	696	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{73}{348}$	$\frac{275}{696}$	$\Phi_{696}^{2}\ \Phi_{232}^{2}\ \Phi_{87}^{2}\ \Phi_{29}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
39510	842	522	$\frac{1}{29}$	$\frac{101}{522}$	$\frac{59}{261}$	$\frac{28}{87}$	$\Phi_{522}^{2}\ \Phi_{261}\ \Phi_{174}^{2}\ \Phi_{87}^{2}\ \Phi_{58}^{2}\ \Phi_{29}\ \Phi_{18}^{2}\ \Phi_{9}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
39511	843	1116	$\frac{2}{279}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{277}{558}$	$\Phi_{1116}\ \Phi_{372}\ \Phi_{279}\ \Phi_{124}\ \Phi_{93}\ \Phi_{36}\ \Phi_{31}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
39512	843	376	$\frac{1}{94}$	$\frac{1}{4}$	$\frac{95}{376}$	$\frac{93}{188}$	$\Phi_{376}^{3}\ \Phi_{188}^{2}\ \Phi_{94}\ \Phi_{47}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
39513	843	552	$\frac{5}{276}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{271}{552}$	$\Phi_{552}^{3}\ \Phi_{184}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
39514	843	288	$\frac{7}{288}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{288}^{3}\ \Phi_{144}^{3}\ \Phi_{96}^{3}\ \Phi_{72}^{3}\ \Phi_{48}^{3}\ \Phi_{36}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
39515	843	940	$\frac{1}{47}$	$\frac{46}{235}$	$\frac{1}{4}$	$\frac{189}{470}$	$\Phi_{940}\ \Phi_{235}\ \Phi_{188}^{2}\ \Phi_{94}\ \Phi_{47}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
39516	843	285	$\frac{4}{285}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{285}^{3}\ \Phi_{95}^{3}\ \Phi_{57}^{3}\ \Phi_{19}^{3}\ \Phi_{15}^{2}\ \Phi_{5}^{3}\ \Phi_{3}\ \Phi_{1}^{3}$
39517	843	372	$\frac{2}{93}$	$\frac{91}{372}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{372}^{2}\ \Phi_{186}^{2}\ \Phi_{124}^{2}\ \Phi_{93}^{3}\ \Phi_{62}^{2}\ \Phi_{31}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
39518	843	288	$\frac{7}{288}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{288}^{3}\ \Phi_{144}^{3}\ \Phi_{96}^{3}\ \Phi_{72}^{3}\ \Phi_{48}^{3}\ \Phi_{36}^{2}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{2}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
39519	843	828	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{133}{414}$	$\Phi_{828}^{2}\ \Phi_{414}\ \Phi_{207}\ \Phi_{36}^{2}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
39520	844	420	$\frac{1}{210}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{209}{420}$	$\Phi_{420}^{4}\ \Phi_{140}^{4}\ \Phi_{84}^{4}\ \Phi_{60}^{4}\ \Phi_{28}^{4}\ \Phi_{20}^{4}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
39521	844	282	$\frac{1}{141}$	$\frac{71}{282}$	$\frac{1}{3}$	$\frac{70}{141}$	$\Phi_{282}^{4}\ \Phi_{141}^{2}\ \Phi_{94}^{4}\ \Phi_{47}^{2}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
39522	844	837	$\frac{7}{837}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{415}{837}$	$\Phi_{837}\ \Phi_{279}\ \Phi_{93}\ \Phi_{31}\ \Phi_{27}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
39523	844	281	$\frac{3}{281}$	$\frac{70}{281}$	$\frac{71}{281}$	$\frac{139}{281}$	$\Phi_{281}^{3}\ \Phi_{1}^{4}$
39524	844	2080	$\frac{3}{208}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{205}{416}$	$\Phi_{2080}\ \Phi_{160}\ \Phi_{20}\ \Phi_{10}$
39525	844	414	$\frac{4}{207}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{203}{414}$	$\Phi_{414}^{4}\ \Phi_{138}^{4}\ \Phi_{46}^{4}\ \Phi_{18}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
39526	844	705	$\frac{1}{47}$	$\frac{24}{235}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{705}^{2}\ \Phi_{141}\ \Phi_{15}^{2}$
39527	844	216	$\frac{5}{216}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{216}^{4}\ \Phi_{108}^{4}\ \Phi_{72}^{4}\ \Phi_{54}^{4}\ \Phi_{36}^{4}\ \Phi_{27}^{4}\ \Phi_{24}^{4}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
39528	844	1128	$\frac{1}{47}$	$\frac{23}{188}$	$\frac{1}{3}$	$\frac{165}{376}$	$\Phi_{1128}^{2}\ \Phi_{141}\ \Phi_{24}^{2}$
39529	844	705	$\frac{2}{141}$	$\frac{139}{705}$	$\frac{1}{3}$	$\frac{283}{705}$	$\Phi_{705}\ \Phi_{235}\ \Phi_{141}^{2}\ \Phi_{47}^{2}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
39530	844	1080	$\frac{5}{216}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
39531	844	1590	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{52}{159}$	$\frac{107}{318}$	$\Phi_{1590}\ \Phi_{530}\ \Phi_{265}\ \Phi_{30}\ \Phi_{10}$
39532	844	213	$\frac{2}{213}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{213}^4\ \Phi_{71}^4\ \Phi_3\ \Phi_1^2$
39533	844	315	$\frac{1}{105}$	$\frac{104}{315}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{315}^4\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
39534	844	840	$\frac{1}{70}$	$\frac{69}{280}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
39535	844	645	$\frac{4}{215}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{645}\ \Phi_{215}^2\ \Phi_{129}\ \Phi_{43}^2\ \Phi_3\ \Phi_1^2$
39536	844	525	$\frac{2}{105}$	$\frac{103}{525}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_3\ \Phi_1^2$
39537	844	216	$\frac{5}{216}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{216}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
39538	844	252	$\frac{1}{42}$	$\frac{41}{252}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{63}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
39539	844	651	$\frac{6}{217}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{651}\ \Phi_{217}^2\ \Phi_{93}\ \Phi_{31}^2\ \Phi_3\ \Phi_1^2$
39540	844	735	$\frac{1}{35}$	$\frac{34}{245}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{735}\ \Phi_{245}^2\ \Phi_{147}\ \Phi_{49}^2\ \Phi_3\ \Phi_1^2$
39541	844	435	$\frac{13}{435}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{435}^2\ \Phi_{145}^2\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_3\ \Phi_1^2$
39542	844	240	$\frac{1}{30}$	$\frac{29}{240}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
39543	844	660	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
39544	844	441	$\frac{19}{441}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{441}^2\ \Phi_{147}^2\ \Phi_{63}^2\ \Phi_{49}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
39545	844	231	$\frac{1}{21}$	$\frac{20}{231}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}^4\ \Phi_{77}^4\ \Phi_{33}^4\ \Phi_{11}^4\ \Phi_3\ \Phi_1^2$
39546	844	672	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}^2\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
39547	844	225	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{225}^4\ \Phi_{75}^4\ \Phi_{45}^4\ \Phi_{25}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
39548	844	621	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{199}{621}$	$\frac{1}{3}$	$\Phi_{621}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
39549	844	216	$\frac{5}{216}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{216}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^3\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
39550	844	282	$\frac{1}{47}$	$\frac{23}{94}$	$\frac{71}{282}$	$\frac{1}{3}$	$\Phi_{282}^2\ \Phi_{141}^3\ \Phi_{94}^4\ \Phi_{47}^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
39551	844	279	$\frac{7}{279}$	$\frac{2}{9}$	$\frac{68}{279}$	$\frac{1}{3}$	$\Phi_{279}^3\ \Phi_{93}^3\ \Phi_{31}^3\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
39552	844	1560	$\frac{3}{104}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{101}{312}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
39553	844	220	$\frac{9}{220}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{220}^4\ \Phi_{110}^4\ \Phi_{55}^4\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{20}^4\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^2\ \Phi_2^2\ \Phi_1^4$
39554	844	260	$\frac{3}{52}$	$\frac{49}{260}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{260}^3\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{20}^4\ \Phi_{13}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
39555	844	1120	$\frac{13}{224}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
39556	845	336	$\frac{1}{168}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{167}{336}$	$\Phi_{336}^5\ \Phi_{112}^5\ \Phi_{48}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
39557	845	384	$\frac{1}{64}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{63}{128}$	$\Phi_{384}^4\ \Phi_{128}^5\ \Phi_{24}\ \Phi_8\ \Phi_1$
39558	845	1920	$\frac{1}{64}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{63}{128}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{128}\ \Phi_{15}\ \Phi_5\ \Phi_1$
39559	845	1152	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{63}{128}$	$\Phi_{1152}^2\ \Phi_{128}\ \Phi_{18}\ \Phi_9\ \Phi_1$
39560	845	128	$\frac{1}{64}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{63}{128}$	$\Phi_{128}^{13}\ \Phi_{16}\ \Phi_8\ \Phi_1$
39561	845	330	$\frac{4}{165}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{161}{330}$	$\Phi_{330}^2\ \Phi_{165}^3\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}^3\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{22}^2\ \Phi_{15}^4\ \Phi_{11}^3\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
39562	845	204	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{35}{204}$	$\frac{33}{68}$	$\Phi_{204}^3\ \Phi_{102}^5\ \Phi_{68}^4\ \Phi_{51}^5\ \Phi_{34}^5\ \Phi_{17}^5\ \Phi_{12}^3\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
39563	845	126	$\frac{2}{63}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{126}^6\ \Phi_{63}^7\ \Phi_{42}^7\ \Phi_{21}^8\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_9^7\ \Phi_7^7\ \Phi_6^7\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
39564	845	616	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{616}^2\ \Phi_{154}^2\ \Phi_{88}\ \Phi_{77}^2\ \Phi_{56}^2\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_8\ \Phi_7\ \Phi_1$
39565	845	960	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{151}{320}$	$\Phi_{960}^2\ \Phi_{320}\ \Phi_{192}^2\ \Phi_{64}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
39566	845	96	$\frac{1}{32}$	$\frac{1}{12}$	$\frac{31}{96}$	$\frac{11}{24}$	$\Phi_{96}^{9}\ \Phi_{48}^{9}\ \Phi_{32}^{8}\ \Phi_{24}^{10}\ \Phi_{16}^{8}\ \Phi_{12}^{9}\ \Phi_{8}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
39567	845	408	$\frac{3}{68}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{408}^{4}\ \Phi_{136}^{4}\ \Phi_{68}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
39568	845	48	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{3}{16}$	$\frac{11}{24}$	$\Phi_{48}^{16}\ \Phi_{24}^{17}\ \Phi_{16}^{20}\ \Phi_{12}^{16}\ \Phi_{8}^{21}\ \Phi_{6}^{16}\ \Phi_{4}^{20}\ \Phi_{3}^{16}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
39569	845	168	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{168}^{10}\ \Phi_{56}^{10}\ \Phi_{42}^{2}\ \Phi_{24}^{5}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{8}^{5}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
39570	845	72	$\frac{1}{12}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{72}^{13}\ \Phi_{36}^{13}\ \Phi_{24}^{10}\ \Phi_{18}^{13}\ \Phi_{12}^{9}\ \Phi_{9}^{13}\ \Phi_{8}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
39571	845	180	$\frac{11}{180}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{180}^{5}\ \Phi_{90}^{5}\ \Phi_{60}^{3}\ \Phi_{45}^{5}\ \Phi_{36}^{5}\ \Phi_{30}^{5}\ \Phi_{20}^{4}\ \Phi_{18}^{5}\ \Phi_{15}^{5}\ \Phi_{12}^{3}\ \Phi_{10}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
39572	845	306	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{1}{6}$	$\frac{137}{306}$	$\Phi_{306}^{2}\ \Phi_{153}^{3}\ \Phi_{102}^{3}\ \Phi_{51}^{4}\ \Phi_{34}^{3}\ \Phi_{18}^{2}\ \Phi_{17}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
39573	845	504	$\frac{1}{14}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{168}^{2}\ \Phi_{126}^{2}\ \Phi_{72}\ \Phi_{63}^{2}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{36}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
39574	845	154	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{154}^{6}\ \Phi_{77}^{6}\ \Phi_{22}\ \Phi_{14}^{5}\ \Phi_{11}^{5}\ \Phi_{7}^{5}\ \Phi_{1}^{5}$
39575	845	864	$\frac{19}{864}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
39576	845	816	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{33}{136}$	$\frac{103}{272}$	$\Phi_{816}^{2}\ \Phi_{272}\ \Phi_{102}^{2}\ \Phi_{51}^{2}\ \Phi_{48}^{2}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
39577	845	1368	$\frac{2}{171}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{171}\ \Phi_{152}\ \Phi_{72}\ \Phi_{57}\ \Phi_{19}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
39578	845	504	$\frac{1}{84}$	$\frac{1}{4}$	$\frac{83}{252}$	$\frac{3}{8}$	$\Phi_{504}^{4}\ \Phi_{252}\ \Phi_{126}\ \Phi_{72}^{4}\ \Phi_{63}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
39579	845	344	$\frac{3}{172}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{344}^{4}\ \Phi_{172}\ \Phi_{86}\ \Phi_{43}\ \Phi_{8}\ \Phi_{1}$
39580	845	224	$\frac{1}{56}$	$\frac{55}{224}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{224}^{5}\ \Phi_{112}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{5}\ \Phi_{8}\ \Phi_{1}$
39581	845	864	$\frac{19}{864}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
39582	845	840	$\frac{1}{42}$	$\frac{41}{210}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^{2}\ \Phi_{280}^{2}\ \Phi_{210}\ \Phi_{120}^{2}\ \Phi_{105}\ \Phi_{70}\ \Phi_{40}^{2}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
39583	845	696	$\frac{5}{174}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{696}^{2}\ \Phi_{232}^{2}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}\ \Phi_{29}\ \Phi_{8}\ \Phi_{1}$
39584	845	1008	$\frac{5}{168}$	$\frac{163}{1008}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
39585	845	1400	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1400}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{40}\ \Phi_{35}\ \Phi_{25}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
39586	845	392	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{392}^{4}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{8}\ \Phi_{1}$
39587	845	176	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{176}^{5}\ \Phi_{88}^{5}\ \Phi_{44}^{5}\ \Phi_{22}^{5}\ \Phi_{16}^{5}\ \Phi_{11}^{5}\ \Phi_{8}\ \Phi_{1}$
39588	845	192	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{192}^{5}\ \Phi_{96}^{5}\ \Phi_{64}^{5}\ \Phi_{48}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{5}\ \Phi_{8}\ \Phi_{1}$
39589	845	1512	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{189}\ \Phi_{72}\ \Phi_{63}\ \Phi_{27}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
39590	845	896	$\frac{51}{896}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
39591	845	360	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^{4}\ \Phi_{180}\ \Phi_{120}^{4}\ \Phi_{90}\ \Phi_{72}^{4}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}^{4}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
39592	845	56	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{56}^{24}\ \Phi_{14}^{12}\ \Phi_{8}^{25}\ \Phi_{7}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
39593	845	1272	$\frac{3}{212}$	$\frac{1}{4}$	$\frac{209}{636}$	$\frac{427}{1272}$	$\Phi_{1272}\ \Phi_{424}\ \Phi_{212}\ \Phi_{106}\ \Phi_{53}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
39594	845	480	$\frac{1}{32}$	$\frac{2}{15}$	$\frac{31}{96}$	$\frac{1}{3}$	$\Phi_{480}^{2}\ \Phi_{240}^{2}\ \Phi_{160}^{2}\ \Phi_{120}^{2}\ \Phi_{96}\ \Phi_{80}^{2}\ \Phi_{60}^{2}\ \Phi_{48}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{6}\ \Phi_{5}^{3}\ \Phi_{3}\ \Phi_{1}$
39595	845	231	$\frac{2}{77}$	$\frac{15}{77}$	$\frac{62}{231}$	$\frac{1}{3}$	$\Phi_{231}^{3}\ \Phi_{77}^{5}\ \Phi_{33}^{3}\ \Phi_{21}^{3}\ \Phi_{11}^{5}\ \Phi_{7}^{5}\ \Phi_{3}^{2}\ \Phi_{1}^{5}$
39596	845	1020	$\frac{3}{68}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
39597	845	84	$\frac{1}{14}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{84}^{13}\ \Phi_{42}^{7}\ \Phi_{28}^{13}\ \Phi_{21}^{8}\ \Phi_{14}^{6}\ \Phi_{12}^{13}\ \Phi_{7}^{7}\ \Phi_{6}^{7}\ \Phi_{4}^{13}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
39598	845	504	$\frac{1}{14}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{168}^{2}\ \Phi_{126}\ \Phi_{84}^{2}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{36}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
39599	845	240	$\frac{1}{16}$	$\frac{2}{15}$	$\frac{3}{16}$	$\frac{1}{3}$	$\Phi_{240}^{4}\ \Phi_{120}^{4}\ \Phi_{80}^{4}\ \Phi_{60}^{4}\ \Phi_{40}^{4}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{15}^{5}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
39600	845	210	$\frac{1}{14}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{210}^{5}\ \Phi_{105}^{5}\ \Phi_{70}^{5}\ \Phi_{42}^{2}\ \Phi_{35}^{5}\ \Phi_{30}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{3}\ \Phi_{14}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}^{3}\ \Phi_{3}\ \Phi_{1}$
39601	845	360	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{2}\ \Phi_{90}^{3}\ \Phi_{72}\ \Phi_{60}^{2}\ \Phi_{45}^{3}\ \Phi_{40}^{2}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{18}\ \Phi_{15}^{3}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}^{3}\ \Phi_{3}\ \Phi_{1}$
39602	845	288	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{31}{96}$	$\Phi_{288}^{4}\ \Phi_{144}^{4}\ \Phi_{96}\ \Phi_{72}^{4}\ \Phi_{48}\ \Phi_{36}^{4}\ \Phi_{24}\ \Phi_{18}^{5}\ \Phi_{12}\ \Phi_{9}^{5}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
39603	845	96	$\frac{1}{32}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{31}{96}$	$\Phi_{96}^{13}\ \Phi_{48}^{13}\ \Phi_{24}^{13}\ \Phi_{16}\ \Phi_{12}^{13}\ \Phi_{8}\ \Phi_{6}^{13}\ \Phi_{3}^{13}\ \Phi_{1}$
39604	845	204	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{35}{204}$	$\frac{16}{51}$	$\Phi_{204}^{5}\ \Phi_{102}^{3}\ \Phi_{68}^{5}\ \Phi_{51}^{4}\ \Phi_{34}^{3}\ \Phi_{17}^{3}\ \Phi_{12}^{5}\ \Phi_{6}^{2}\ \Phi_{4}^{5}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
39605	845	240	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{6}$	$\frac{71}{240}$	$\Phi_{240}^{3}\ \Phi_{120}^{3}\ \Phi_{80}^{4}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{40}^{4}\ \Phi_{30}^{5}\ \Phi_{24}^{3}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{15}^{5}\ \Phi_{12}^{3}\ \Phi_{10}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
39606	845	612	$\frac{3}{68}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{153}^{2}\ \Phi_{68}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
39607	845	144	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{5}{18}$	$\Phi_{144}^{8}\ \Phi_{72}^{8}\ \Phi_{36}^{8}\ \Phi_{18}^{9}\ \Phi_{16}^{4}\ \Phi_{9}^{9}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
39608	845	126	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{126}^{10}\ \Phi_{63}^{10}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{5}\ \Phi_{14}\ \Phi_{9}^{5}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
39609	845	72	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{72}^{11}\ \Phi_{36}^{11}\ \Phi_{24}^{13}\ \Phi_{18}^{12}\ \Phi_{12}^{13}\ \Phi_{9}^{12}\ \Phi_{8}^{12}\ \Phi_{6}^{13}\ \Phi_{4}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
39610	845	180	$\frac{11}{180}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{180}^{5}\ \Phi_{90}^{5}\ \Phi_{60}^{5}\ \Phi_{45}^{5}\ \Phi_{36}^{5}\ \Phi_{30}^{3}\ \Phi_{20}^{5}\ \Phi_{18}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{3}\ \Phi_{9}^{5}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{5}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
39611	845	272	$\frac{3}{68}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{272}^{4}\ \Phi_{136}^{4}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
39612	845	896	$\frac{51}{896}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
39613	845	16	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{16}^{53}\ \Phi_{8}^{53}\ \Phi_{4}^{52}\ \Phi_{2}^{52}\ \Phi_{1}^{53}$
39614	845	336	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{112}^{2}\ \Phi_{56}^{2}\ \Phi_{48}^{2}\ \Phi_{42}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
39615	845	144	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{144}^{8}\ \Phi_{72}^{5}\ \Phi_{48}^{8}\ \Phi_{36}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{16}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{8}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}$
39616	845	660	$\frac{4}{55}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{51}{220}$	$\Phi_{660}^{2}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}^{2}\ \Phi_{66}\ \Phi_{60}^{2}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}^{2}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
39617	845	600	$\frac{1}{10}$	$\frac{31}{200}$	$\frac{1}{6}$	$\frac{9}{40}$	$\Phi_{600}^{2}\ \Phi_{300}^{2}\ \Phi_{200}\ \Phi_{150}^{2}\ \Phi_{100}\ \Phi_{75}^{2}\ \Phi_{50}\ \Phi_{30}^{2}\ \Phi_{25}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
39618	846	676	$\frac{1}{169}$	$\frac{85}{338}$	$\frac{253}{676}$	$\frac{84}{169}$	$\Phi_{676}^{2}\ \Phi_{169}\ \Phi_{52}^{2}\ \Phi_{13}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
39619	846	280	$\frac{1}{140}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{139}{280}$	$\Phi_{280}^{6}\ \Phi_{56}^{6}\ \Phi_{40}^{6}\ \Phi_{8}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
39620	846	840	$\frac{1}{140}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{139}{280}$	$\Phi_{840}^{3}\ \Phi_{168}^{3}\ \Phi_{120}^{3}\ \Phi_{24}^{3}\ \Phi_{12}\ \Phi_{6}$
39621	846	1488	$\frac{1}{93}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{46}{93}$	$\Phi_{1488}\ \Phi_{496}\ \Phi_{93}\ \Phi_{48}\ \Phi_{31}\ \Phi_{16}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
39622	846	372	$\frac{1}{93}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{46}{93}$	$\Phi_{372}^{2}\ \Phi_{186}^{2}\ \Phi_{124}^{2}\ \Phi_{93}^{3}\ \Phi_{62}^{2}\ \Phi_{31}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
39623	846	260	$\frac{1}{65}$	$\frac{11}{130}$	$\frac{119}{260}$	$\frac{32}{65}$	$\Phi_{260}^{6}\ \Phi_{65}\ \Phi_{52}^{6}\ \Phi_{20}^{6}\ \Phi_{13}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
39624	846	65	$\frac{1}{65}$	$\frac{11}{65}$	$\frac{18}{65}$	$\frac{32}{65}$	$\Phi_{65}^{13}\ \Phi_{13}^{13}\ \Phi_{5}^{13}\ \Phi_{1}^{14}$
39625	846	520	$\frac{1}{65}$	$\frac{97}{520}$	$\frac{33}{130}$	$\frac{32}{65}$	$\Phi_{520}^{2}\ \Phi_{260}^{2}\ \Phi_{104}^{2}\ \Phi_{65}\ \Phi_{52}^{2}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
39626	846	832	$\frac{7}{416}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{409}{832}$	$\Phi_{832}^{2}\ \Phi_{64}^{2}\ \Phi_{13}\ \Phi_{1}^{2}$
39627	846	2496	$\frac{7}{416}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{409}{832}$	$\Phi_{2496}\ \Phi_{192}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
39628	846	1132	$\frac{5}{283}$	$\frac{48}{283}$	$\frac{1}{4}$	$\frac{139}{283}$	$\Phi_{1132}\ \Phi_{566}$
39629	846	1564	$\frac{1}{46}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{45}{92}$	$\Phi_{1564}\ \Phi_{92}^{2}\ \Phi_{68}\ \Phi_{17}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
39630	846	1380	$\frac{1}{46}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{1380}^{2}\ \Phi_{276}\ \Phi_{60}^{2}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
39631	846	1564	$\frac{1}{46}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{45}{92}$	$\Phi_{1564}\ \Phi_{92}^{2}\ \Phi_{68}\ \Phi_{17}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
39632	846	644	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{45}{92}$	$\Phi_{644}\ \Phi_{322}^{2}\ \Phi_{161}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
39633	846	170	$\frac{2}{85}$	$\frac{29}{170}$	$\frac{1}{5}$	$\frac{83}{170}$	$\Phi_{170}^{4}\ \Phi_{85}^{6}\ \Phi_{34}^{4}\ \Phi_{17}^{6}\ \Phi_{10}^{4}\ \Phi_{5}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
39634	846	275	$\frac{7}{275}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{134}{275}$	$\Phi_{275}^{3}\ \Phi_{55}^{3}\ \Phi_{25}^{4}\ \Phi_{11}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
39635	846	169	$\frac{5}{169}$	$\frac{28}{169}$	$\frac{29}{169}$	$\frac{82}{169}$	$\Phi_{169}^{5}\ \Phi_{13}^{5}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
39636	846	91	$\frac{3}{91}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{44}{91}$	$\Phi_{91}^{9}\ \Phi_{13}^{11}\ \Phi_{7}^{9}\ \Phi_{1}^{12}$
39637	846	572	$\frac{6}{143}$	$\frac{1}{13}$	$\frac{149}{572}$	$\frac{137}{286}$	$\Phi_{572}^{2}\ \Phi_{143}^{2}\ \Phi_{52}^{2}\ \Phi_{44}^{2}\ \Phi_{13}\ \Phi_{11}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
39638	846	1710	$\frac{2}{45}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{1710}\ \Phi_{570}\ \Phi_{342}\ \Phi_{190}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
39639	846	90	$\frac{2}{45}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{43}{90}$	$\Phi_{90}^{8}\ \Phi_{45}^{10}\ \Phi_{30}^{8}\ \Phi_{18}^{8}\ \Phi_{15}^{10}\ \Phi_{10}^{12}\ \Phi_{9}^{10}\ \Phi_{6}^{8}\ \Phi_{5}^{13}\ \Phi_{3}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
39640	846	570	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{570}^{2}\ \Phi_{285}^{2}\ \Phi_{190}\ \Phi_{114}^{2}\ \Phi_{95}\ \Phi_{38}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}$
39641	846	800	$\frac{23}{400}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{377}{800}$	$\Phi_{800}^{2}\ \Phi_{160}^{2}\ \Phi_{32}^{2}\ \Phi_{25}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
39642	846	1173	$\frac{1}{23}$	$\frac{1}{17}$	$\frac{22}{69}$	$\frac{8}{17}$	$\Phi_{1173}\ \Phi_{69}^{2}\ \Phi_{51}\ \Phi_{17}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
39643	846	1216	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{1216}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
39644	846	1672	$\frac{1}{19}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{1672}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
39645	846	208	$\frac{7}{208}$	$\frac{1}{13}$	$\frac{67}{208}$	$\frac{6}{13}$	$\Phi_{208}^{4}\ \Phi_{104}^{4}\ \Phi_{52}^{4}\ \Phi_{26}^{4}\ \Phi_{16}^{4}\ \Phi_{13}^{5}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
39646	846	442	$\frac{19}{442}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{442}^{2}\ \Phi_{221}^{2}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{13}\ \Phi_{1}^{2}$
39647	846	520	$\frac{7}{104}$	$\frac{1}{13}$	$\frac{97}{520}$	$\frac{6}{13}$	$\Phi_{520}^{2}\ \Phi_{260}^{2}\ \Phi_{130}^{2}\ \Phi_{65}^{2}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{13}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
39648	846	52	$\frac{1}{13}$	$\frac{5}{52}$	$\frac{7}{52}$	$\frac{6}{13}$	$\Phi_{52}^{16}\ \Phi_{26}^{16}\ \Phi_{13}^{17}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
39649	846	50	$\frac{3}{50}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{50}^{16}\ \Phi_{25}^{18}\ \Phi_{10}^{16}\ \Phi_{5}^{17}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
39650	846	260	$\frac{2}{65}$	$\frac{11}{130}$	$\frac{21}{65}$	$\frac{119}{260}$	$\Phi_{260}^{6}\ \Phi_{65}\ \Phi_{52}^{6}\ \Phi_{20}^{6}\ \Phi_{13}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
39651	846	260	$\frac{1}{13}$	$\frac{11}{130}$	$\frac{2}{13}$	$\frac{119}{260}$	$\Phi_{260}^{6}\ \Phi_{52}^{6}\ \Phi_{20}^{6}\ \Phi_{13}^{5}\ \Phi_{4}^{6}\ \Phi_{1}^{6}$
39652	846	85	$\frac{4}{85}$	$\frac{9}{85}$	$\frac{1}{5}$	$\frac{38}{85}$	$\Phi_{85}^{10}\ \Phi_{17}^{10}\ \Phi_{5}^{9}\ \Phi_{1}^{10}$
39653	846	65	$\frac{2}{65}$	$\frac{7}{65}$	$\frac{18}{65}$	$\frac{29}{65}$	$\Phi_{65}^{13}\ \Phi_{13}^{13}\ \Phi_{5}^{13}\ \Phi_{1}^{14}$
39654	846	1596	$\frac{1}{19}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{1596}\ \Phi_{532}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
39655	846	48	$\frac{1}{48}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{48}^{17}\ \Phi_{24}^{18}\ \Phi_{16}^{18}\ \Phi_{12}^{18}\ \Phi_{8}^{18}\ \Phi_{6}^{18}\ \Phi_{4}^{18}\ \Phi_{3}^{17}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
39656	846	496	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{15}{62}$	$\frac{7}{16}$	$\Phi_{496}^{3}\ \Phi_{62}^{2}\ \Phi_{31}\ \Phi_{16}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
39657	846	2226	$\frac{1}{53}$	$\frac{52}{371}$	$\frac{1}{3}$	$\frac{319}{742}$	$\Phi_{2226}\ \Phi_{318}\ \Phi_{159}\ \Phi_{42}\ \Phi_{6}$
39658	846	52	$\frac{1}{13}$	$\frac{5}{52}$	$\frac{2}{13}$	$\frac{11}{26}$	$\Phi_{52}^{18}\ \Phi_{26}^{12}\ \Phi_{13}^{17}\ \Phi_{4}^{18}\ \Phi_{2}^{12}\ \Phi_{1}^{18}$
39659	846	1520	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{1520}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
39660	846	715	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{131}{715}$	$\frac{292}{715}$	$\Phi_{715}\ \Phi_{143}^{2}\ \Phi_{65}\ \Phi_{55}\ \Phi_{13}\ \Phi_{11}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
39661	846	70	$\frac{1}{70}$	$\frac{1}{5}$	$\frac{23}{70}$	$\frac{2}{5}$	$\Phi_{70}^{12}\ \Phi_{35}^{12}\ \Phi_{14}^{12}\ \Phi_{10}^{12}\ \Phi_{7}^{12}\ \Phi_{5}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
39662	846	430	$\frac{7}{430}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{430}^{2}\ \Phi_{215}^{2}\ \Phi_{86}^{2}\ \Phi_{43}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
39663	846	240	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{240}^{3}\ \Phi_{120}^{3}\ \Phi_{80}^{3}\ \Phi_{60}^{3}\ \Phi_{48}^{6}\ \Phi_{40}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{6}\ \Phi_{20}^{2}\ \Phi_{16}^{6}\ \Phi_{15}^{3}\ \Phi_{12}^{6}$ $\Phi_{10}^{2}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
39664	846	560	$\frac{3}{140}$	$\frac{1}{5}$	$\frac{137}{560}$	$\frac{2}{5}$	$\Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{112}^{2}\ \Phi_{80}^{2}\ \Phi_{56}^{2}\ \Phi_{40}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
39665	846	145	$\frac{4}{145}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{145}^{6}\ \Phi_{29}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
39666	846	175	$\frac{1}{35}$	$\frac{34}{175}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{175}^{6}\ \Phi_{25}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
39667	846	280	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{280}^{3}\ \Phi_{140}^{2}\ \Phi_{70}^{2}\ \Phi_{56}^{6}\ \Phi_{40}^{3}\ \Phi_{35}^{2}\ \Phi_{28}^{4}\ \Phi_{20}^{2}\ \Phi_{14}^{4}\ \Phi_{10}^{2}\ \Phi_{8}^{6}\ \Phi_{7}^{4}\ \Phi_{5}^{3}$ $\Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
39668	846	440	$\frac{17}{440}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{440}^{2}\ \Phi_{220}^{2}\ \Phi_{110}^{2}\ \Phi_{88}^{2}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{40}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
39669	846	245	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{245}^{3}\ \Phi_{49}^{6}\ \Phi_{35}^{2}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{6}$
39670	846	490	$\frac{3}{70}$	$\frac{67}{490}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{490}^{2}\ \Phi_{245}^{2}\ \Phi_{98}^{2}\ \Phi_{49}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
39671	846	160	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{160}^{6}\ \Phi_{80}^{6}\ \Phi_{40}^{6}\ \Phi_{32}^{6}\ \Phi_{16}^{6}\ \Phi_{8}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
39672	846	50	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{50}^{18}\ \Phi_{25}^{18}\ \Phi_{10}^{12}\ \Phi_{5}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
39673	846	455	$\frac{32}{455}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{455}^{2}\ \Phi_{91}^{2}\ \Phi_{65}^{2}\ \Phi_{13}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
39674	846	770	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{770}\ \Phi_{385}\ \Phi_{154}^2\ \Phi_{110}\ \Phi_{77}^2\ \Phi_{55}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
39675	846	845	$\frac{11}{845}$	$\frac{189}{845}$	$\frac{278}{845}$	$\frac{328}{845}$	$\Phi_{845}\ \Phi_{169}\ \Phi_{65}\ \Phi_{13}\ \Phi_5\ \Phi_1^2$
39676	846	143	$\frac{2}{143}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{143}^6\ \Phi_{13}^5\ \Phi_{11}^6\ \Phi_1^6$
39677	846	380	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{9}{38}$	$\frac{29}{76}$	$\Phi_{380}^4\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}^2\ \Phi_{38}\ \Phi_{20}^4\ \Phi_4^2$
39678	846	680	$\frac{2}{85}$	$\frac{1}{5}$	$\frac{83}{340}$	$\frac{257}{680}$	$\Phi_{680}^2\ \Phi_{136}^2\ \Phi_{85}^2\ \Phi_{40}^2\ \Phi_{17}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
39679	846	912	$\frac{1}{48}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
39680	846	1368	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
39681	846	845	$\frac{14}{845}$	$\frac{187}{845}$	$\frac{277}{845}$	$\frac{284}{845}$	$\Phi_{845}\ \Phi_{169}\ \Phi_{65}\ \Phi_{13}\ \Phi_5\ \Phi_1^2$
39682	846	1132	$\frac{4}{283}$	$\frac{1}{4}$	$\frac{93}{283}$	$\frac{95}{283}$	$\Phi_{1132}\ \Phi_{566}$
39683	846	636	$\frac{1}{106}$	$\frac{35}{106}$	$\frac{1}{3}$	$\frac{71}{212}$	$\Phi_{636}^3\ \Phi_{318}\ \Phi_{159}\ \Phi_{12}^3\ \Phi_6$
39684	846	420	$\frac{1}{70}$	$\frac{1}{4}$	$\frac{23}{70}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{84}^4\ \Phi_{60}^4\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{12}^5\ \Phi_6^3\ \Phi_3^2$
39685	846	1272	$\frac{7}{424}$	$\frac{95}{424}$	$\frac{139}{424}$	$\frac{1}{3}$	$\Phi_{1272}\ \Phi_{636}\ \Phi_{318}\ \Phi_{159}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
39686	846	624	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{67}{208}$	$\frac{1}{3}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{48}^2\ \Phi_{39}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
39687	846	690	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{690}\ \Phi_{345}\ \Phi_{230}^2\ \Phi_{138}\ \Phi_{115}^2\ \Phi_{46}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_2^2$
39688	846	48	$\frac{1}{48}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{48}^{18}\ \Phi_{24}^{18}\ \Phi_{16}^{18}\ \Phi_{12}^{16}\ \Phi_8^{18}\ \Phi_6^{16}\ \Phi_4^{18}\ \Phi_3^{15}\ \Phi_2^{18}\ \Phi_1^{18}$
39689	846	1680	$\frac{3}{140}$	$\frac{137}{560}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{336}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
39690	846	1740	$\frac{4}{145}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{348}\ \Phi_{174}\ \Phi_{12}\ \Phi_6$
39691	846	2100	$\frac{1}{35}$	$\frac{34}{175}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{300}\ \Phi_{150}\ \Phi_{12}\ \Phi_6$
39692	846	168	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^9\ \Phi_{84}^6\ \Phi_{42}^6\ \Phi_{24}^9\ \Phi_{21}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
39693	846	1320	$\frac{17}{440}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
39694	846	588	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{12}^3\ \Phi_6^3$
39695	846	480	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
39696	846	1344	$\frac{25}{448}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
39697	846	300	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^6\ \Phi_{150}^3\ \Phi_{75}^3\ \Phi_{60}^4\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^5\ \Phi_6^3\ \Phi_3^2$
39698	846	924	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}\ \Phi_{231}\ \Phi_{132}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
39699	846	1026	$\frac{1}{19}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1026}\ \Phi_{513}\ \Phi_{342}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
39700	846	1344	$\frac{25}{448}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
39701	846	1140	$\frac{1}{19}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{228}\ \Phi_{190}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
39702	846	1560	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{97}{520}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
39703	846	65	$\frac{2}{65}$	$\frac{11}{65}$	$\frac{18}{65}$	$\frac{21}{65}$	$\Phi_{65}^{13}\ \Phi_{13}^{13}\ \Phi_5^{13}\ \Phi_1^{14}$
39704	846	1173	$\frac{1}{23}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{22}{69}$	$\Phi_{1173}\ \Phi_{69}^2\ \Phi_{51}\ \Phi_{17}\ \Phi_3^2\ \Phi_1^2$
39705	846	1932	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{22}{69}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}$
39706	846	170	$\frac{4}{85}$	$\frac{29}{170}$	$\frac{1}{5}$	$\frac{27}{85}$	$\Phi_{170}^6\ \Phi_{85}^4\ \Phi_{34}^6\ \Phi_{17}^4\ \Phi_{10}^6\ \Phi_5^3\ \Phi_2^6\ \Phi_1^4$
39707	846	169	$\frac{10}{169}$	$\frac{28}{169}$	$\frac{29}{169}$	$\frac{53}{169}$	$\Phi_{169}^5\ \Phi_{13}^5\ \Phi_1^6$
39708	846	52	$\frac{1}{13}$	$\frac{5}{52}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{52}^{18}\ \Phi_{26}^{18}\ \Phi_{13}^{11}\ \Phi_4^{18}\ \Phi_2^{18}\ \Phi_1^{12}$
39709	846	182	$\frac{1}{13}$	$\frac{9}{91}$	$\frac{41}{182}$	$\frac{4}{13}$	$\Phi_{182}^6\ \Phi_{91}^3\ \Phi_{26}^6\ \Phi_{14}^6\ \Phi_{13}^5\ \Phi_7^3\ \Phi_2^6\ \Phi_1^6$
39710	846	270	$\frac{4}{45}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{41}{135}$	$\Phi_{270}^5\ \Phi_{135}^4\ \Phi_{54}^5\ \Phi_{27}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
39711	846	200	$\frac{2}{25}$	$\frac{23}{200}$	$\frac{1}{5}$	$\frac{59}{200}$	$\Phi_{200}^4\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{40}^4\ \Phi_{25}^6\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
39712	846	50	$\frac{3}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{50}^{18}\ \Phi_{25}^{16}\ \Phi_{10}^{18}\ \Phi_5^{15}\ \Phi_2^{18}\ \Phi_1^{16}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
39713	846	65	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{65}$	$\frac{18}{65}$	$\Phi_{65}^{12}\ \Phi_{13}^{17}\ \Phi_{5}^{12}\ \Phi_{1}^{18}$
39714	846	210	$\frac{1}{10}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{210}^{5}\ \Phi_{105}^{4}\ \Phi_{70}^{5}\ \Phi_{42}^{5}\ \Phi_{35}^{4}\ \Phi_{21}^{4}\ \Phi_{14}^{5}\ \Phi_{10}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
39715	846	124	$\frac{1}{31}$	$\frac{15}{62}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{124}^{6}\ \Phi_{62}^{8}\ \Phi_{31}^{7}\ \Phi_{4}^{8}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
39716	846	550	$\frac{21}{275}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{127}{550}$	$\Phi_{550}^{2}\ \Phi_{275}\ \Phi_{110}^{2}\ \Phi_{55}\ \Phi_{50}^{2}\ \Phi_{25}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{5}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
39717	846	500	$\frac{2}{25}$	$\frac{77}{500}$	$\frac{1}{5}$	$\frac{23}{100}$	$\Phi_{500}^{2}\ \Phi_{250}^{2}\ \Phi_{125}^{2}\ \Phi_{25}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
39718	846	60	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{60}^{18}\ \Phi_{30}^{8}\ \Phi_{20}^{18}\ \Phi_{15}^{10}\ \Phi_{12}^{18}\ \Phi_{10}^{12}\ \Phi_{6}^{8}\ \Phi_{5}^{13}\ \Phi_{4}^{18}\ \Phi_{3}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
39719	847	240	$\frac{1}{120}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{119}{240}$	$\Phi_{240}^{7}\ \Phi_{80}^{7}\ \Phi_{48}^{7}\ \Phi_{16}^{7}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
39720	847	720	$\frac{1}{120}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{119}{240}$	$\Phi_{720}^{3}\ \Phi_{240}\ \Phi_{144}^{3}\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
39721	847	1504	$\frac{1}{94}$	$\frac{95}{752}$	$\frac{657}{1504}$	$\frac{93}{188}$	$\Phi_{1504}\ \Phi_{188}\ \Phi_{32}\ \Phi_{4}\ \Phi_{1}$
39722	847	1128	$\frac{1}{94}$	$\frac{281}{1128}$	$\frac{95}{376}$	$\frac{93}{188}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
39723	847	760	$\frac{1}{76}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{75}{152}$	$\Phi_{760}^{2}\ \Phi_{152}^{3}\ \Phi_{40}^{2}\ \Phi_{20}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
39724	847	2280	$\frac{1}{76}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{75}{152}$	$\Phi_{2280}\ \Phi_{456}\ \Phi_{152}\ \Phi_{120}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
39725	847	1656	$\frac{19}{828}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{809}{1656}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{184}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
39726	847	300	$\frac{2}{75}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{300}^{3}\ \Phi_{150}^{2}\ \Phi_{100}^{3}\ \Phi_{75}^{3}\ \Phi_{60}^{3}\ \Phi_{50}^{2}\ \Phi_{30}^{2}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
39727	847	312	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{312}^{4}\ \Phi_{156}^{2}\ \Phi_{104}^{3}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{39}^{2}\ \Phi_{26}\ \Phi_{24}^{4}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
39728	847	1620	$\frac{37}{810}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{773}{1620}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{324}\ \Phi_{180}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
39729	847	1620	$\frac{37}{810}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{773}{1620}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{324}\ \Phi_{180}\ \Phi_{108}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
39730	847	1026	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{179}{1026}$	$\frac{163}{342}$	$\Phi_{1026}\ \Phi_{513}\ \Phi_{171}\ \Phi_{57}\ \Phi_{54}\ \Phi_{27}\ \Phi_{19}\ \Phi_{1}$
39731	847	1152	$\frac{1}{18}$	$\frac{17}{288}$	$\frac{305}{1152}$	$\frac{271}{576}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
39732	847	144	$\frac{1}{18}$	$\frac{5}{72}$	$\frac{17}{72}$	$\frac{67}{144}$	$\Phi_{144}^{11}\ \Phi_{72}\ \Phi_{48}^{11}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}^{11}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
39733	847	144	$\frac{5}{72}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{144}^{11}\ \Phi_{48}^{11}\ \Phi_{16}^{11}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
39734	847	1140	$\frac{1}{38}$	$\frac{1}{10}$	$\frac{37}{114}$	$\frac{9}{20}$	$\Phi_{1140}^{2}\ \Phi_{228}^{2}\ \Phi_{114}\ \Phi_{60}^{2}\ \Phi_{57}\ \Phi_{20}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
39735	847	80	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{80}^{11}\ \Phi_{40}^{11}\ \Phi_{20}^{10}\ \Phi_{16}^{11}\ \Phi_{10}^{9}\ \Phi_{8}^{11}\ \Phi_{5}^{9}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
39736	847	380	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{18}{95}$	$\frac{9}{20}$	$\Phi_{380}^{4}\ \Phi_{95}\ \Phi_{76}^{4}\ \Phi_{20}^{5}\ \Phi_{5}\ \Phi_{4}^{5}\ \Phi_{1}$
39737	847	380	$\frac{3}{38}$	$\frac{1}{10}$	$\frac{5}{38}$	$\frac{9}{20}$	$\Phi_{380}^{4}\ \Phi_{76}^{4}\ \Phi_{38}^{2}\ \Phi_{20}^{5}\ \Phi_{19}^{2}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
39738	847	120	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{120}^{8}\ \Phi_{60}^{6}\ \Phi_{40}^{6}\ \Phi_{30}^{6}\ \Phi_{24}^{12}\ \Phi_{20}^{5}\ \Phi_{15}^{6}\ \Phi_{12}^{9}\ \Phi_{10}^{4}\ \Phi_{8}^{9}\ \Phi_{6}^{9}\ \Phi_{5}^{4}\ \Phi_{4}^{7}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
39739	847	216	$\frac{1}{18}$	$\frac{13}{108}$	$\frac{17}{108}$	$\frac{95}{216}$	$\Phi_{216}^{7}\ \Phi_{108}\ \Phi_{72}^{7}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}^{7}\ \Phi_{12}\ \Phi_{8}^{7}\ \Phi_{4}\ \Phi_{1}$
39740	847	492	$\frac{2}{123}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{492}^{3}\ \Phi_{164}^{3}\ \Phi_{123}\ \Phi_{41}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
39741	847	180	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{59}{180}$	$\frac{5}{12}$	$\Phi_{180}^{7}\ \Phi_{90}^{7}\ \Phi_{45}^{7}\ \Phi_{36}^{7}\ \Phi_{18}^{7}\ \Phi_{12}\ \Phi_{9}^{7}\ \Phi_{4}\ \Phi_{1}$
39742	847	864	$\frac{17}{864}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
39743	847	372	$\frac{3}{124}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{372}^{2}\ \Phi_{186}^{2}\ \Phi_{124}^{3}\ \Phi_{93}^{2}\ \Phi_{62}^{3}\ \Phi_{31}^{3}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
39744	847	480	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{39}{160}$	$\frac{5}{12}$	$\Phi_{480}^{2}\ \Phi_{240}^{2}\ \Phi_{160}^{3}\ \Phi_{96}^{2}\ \Phi_{80}^{3}\ \Phi_{48}^{2}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
39745	847	1500	$\frac{4}{125}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1500}\ \Phi_{500}\ \Phi_{300}\ \Phi_{125}\ \Phi_{100}\ \Phi_{25}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
39746	847	300	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{29}{150}$	$\frac{5}{12}$	$\Phi_{300}^{6}\ \Phi_{150}\ \Phi_{100}^{6}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
39747	847	252	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{252}^{6}\ \Phi_{126}\ \Phi_{84}^{6}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}^{6}\ \Phi_{28}^{6}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
39748	847	144	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{144}^{7}\ \Phi_{72}^{7}\ \Phi_{48}^{7}\ \Phi_{36}^{7}\ \Phi_{18}^{7}\ \Phi_{16}^{7}\ \Phi_{12}\ \Phi_{9}^{7}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
39749	847	420	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{3}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{70}^{3}\ \Phi_{42}^{2}\ \Phi_{35}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{12}\ \Phi_{7}^{3}\ \Phi_{4}\ \Phi_{1}$
39750	847	384	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{384}^{2}\ \Phi_{192}^{2}\ \Phi_{128}^{3}\ \Phi_{96}^{2}\ \Phi_{64}^{3}\ \Phi_{48}^{2}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
39751	847	960	$\frac{7}{120}$	$\frac{113}{960}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
39752	847	900	$\frac{53}{900}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
39753	847	540	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{540}^{3}\ \Phi_{180}^{3}\ \Phi_{135}\ \Phi_{108}^{3}\ \Phi_{45}\ \Phi_{36}^{3}\ \Phi_{27}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
39754	847	780	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{780}^{2}\ \Phi_{260}^{2}\ \Phi_{156}^{2}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}^{2}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
39755	847	12	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{12}^{71}\ \Phi_{6}^{70}\ \Phi_{4}^{71}\ \Phi_{3}^{70}\ \Phi_{2}^{70}\ \Phi_{1}^{71}$
39756	847	1440	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{127}{720}$	$\frac{593}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
39757	847	900	$\frac{53}{900}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
39758	847	780	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}^{2}\ \Phi_{39}^{2}\ \Phi_{30}\ \Phi_{26}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
39759	847	234	$\frac{1}{78}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{234}^{3}\ \Phi_{117}^{3}\ \Phi_{78}^{5}\ \Phi_{39}^{5}\ \Phi_{26}^{5}\ \Phi_{18}^{2}\ \Phi_{13}^{5}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
39760	847	1368	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{163}{684}$	$\frac{521}{1368}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{171}\ \Phi_{152}\ \Phi_{72}\ \Phi_{57}\ \Phi_{24}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
39761	847	624	$\frac{1}{78}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{624}^{2}\ \Phi_{208}^{2}\ \Phi_{156}^{2}\ \Phi_{78}\ \Phi_{52}^{2}\ \Phi_{48}^{2}\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
39762	847	1296	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{199}{648}$	$\frac{449}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
39763	847	369	$\frac{2}{123}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{369}^{3}\ \Phi_{123}\ \Phi_{41}\ \Phi_{9}\ \Phi_{1}$
39764	847	180	$\frac{1}{60}$	$\frac{2}{9}$	$\frac{59}{180}$	$\frac{1}{3}$	$\Phi_{180}^{4}\ \Phi_{90}^{4}\ \Phi_{60}^{6}\ \Phi_{45}^{4}\ \Phi_{36}^{4}\ \Phi_{30}^{6}\ \Phi_{20}^{6}\ \Phi_{18}^{4}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{10}^{6}\ \Phi_{9}^{5}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
39765	847	1116	$\frac{3}{124}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1116}\ \Phi_{558}\ \Phi_{279}\ \Phi_{124}\ \Phi_{62}\ \Phi_{31}\ \Phi_{9}\ \Phi_{1}$
39766	847	1440	$\frac{1}{40}$	$\frac{2}{9}$	$\frac{39}{160}$	$\frac{1}{3}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{288}\ \Phi_{160}\ \Phi_{144}\ \Phi_{80}\ \Phi_{32}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
39767	847	1125	$\frac{4}{125}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1125}\ \Phi_{225}\ \Phi_{125}\ \Phi_{25}\ \Phi_{9}\ \Phi_{1}$
39768	847	450	$\frac{1}{30}$	$\frac{29}{150}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{450}^{3}\ \Phi_{225}^{3}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{9}\ \Phi_{1}$
39769	847	126	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{126}^{7}\ \Phi_{63}^{7}\ \Phi_{42}^{7}\ \Phi_{21}^{7}\ \Phi_{18}^{4}\ \Phi_{14}^{7}\ \Phi_{9}^{5}\ \Phi_{7}^{7}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
39770	847	144	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{144}^{7}\ \Phi_{72}^{4}\ \Phi_{48}^{7}\ \Phi_{36}^{4}\ \Phi_{24}^{6}\ \Phi_{18}^{4}\ \Phi_{16}^{7}\ \Phi_{12}^{6}\ \Phi_{9}^{5}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
39771	847	1260	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{140}\ \Phi_{126}\ \Phi_{70}\ \Phi_{63}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
39772	847	1152	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
39773	847	135	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{135}^{7}\ \Phi_{45}^{4}\ \Phi_{27}^{7}\ \Phi_{15}^{6}\ \Phi_{9}^{5}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
39774	847	1170	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{234}\ \Phi_{130}\ \Phi_{117}\ \Phi_{65}\ \Phi_{26}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
39775	847	36	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{36}^{30}\ \Phi_{18}^{30}\ \Phi_{12}^{10}\ \Phi_{9}^{31}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
39776	847	180	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{180}^{6}\ \Phi_{90}^{5}\ \Phi_{60}^{3}\ \Phi_{45}^{5}\ \Phi_{36}^{6}\ \Phi_{30}^{2}\ \Phi_{20}^{3}\ \Phi_{18}^{5}\ \Phi_{15}^{3}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
39777	847	570	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{37}{114}$	$\Phi_{570}\ \Phi_{285}\ \Phi_{190}^{2}\ \Phi_{114}^{2}\ \Phi_{95}^{2}\ \Phi_{57}^{2}\ \Phi_{38}^{2}\ \Phi_{30}\ \Phi_{19}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
39778	847	972	$\frac{1}{18}$	$\frac{125}{972}$	$\frac{37}{162}$	$\frac{17}{54}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
39779	847	1080	$\frac{1}{18}$	$\frac{37}{270}$	$\frac{233}{1080}$	$\frac{17}{54}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
39780	847	1215	$\frac{37}{405}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{368}{1215}$	$\Phi_{1215}\ \Phi_{243}\ \Phi_{45}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
39781	847	108	$\frac{1}{12}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{108}^{11}\ \Phi_{54}^{11}\ \Phi_{27}^{11}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
39782	847	180	$\frac{1}{12}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{180}^{6}\ \Phi_{90}^{5}\ \Phi_{60}^{6}\ \Phi_{45}^{5}\ \Phi_{30}^{5}\ \Phi_{20}^{6}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
39783	847	135	$\frac{14}{135}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{135}$	$\Phi_{135}^{6}\ \Phi_{45}^{7}\ \Phi_{27}^{6}\ \Phi_{15}^{7}\ \Phi_{9}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
39784	847	240	$\frac{3}{80}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{240}^{5}\ \Phi_{120}^{5}\ \Phi_{80}\ \Phi_{60}^{4}\ \Phi_{48}^{5}\ \Phi_{40}\ \Phi_{30}^{4}\ \Phi_{24}^{5}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{3}^{5}\ \Phi_{1}$
39785	847	285	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{285}^{4}\ \Phi_{95}\ \Phi_{57}^{4}\ \Phi_{15}^{5}\ \Phi_{5}\ \Phi_{3}^{5}\ \Phi_{1}$
39786	847	570	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{570}^{2}\ \Phi_{285}^{2}\ \Phi_{114}^{2}\ \Phi_{57}^{2}\ \Phi_{38}^{2}\ \Phi_{30}^{2}\ \Phi_{19}^{2}\ \Phi_{15}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
39787	847	120	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{120}^{7}\ \Phi_{60}^{5}\ \Phi_{40}^{8}\ \Phi_{30}^{5}\ \Phi_{24}^{11}\ \Phi_{20}^{6}\ \Phi_{15}^{6}\ \Phi_{12}^{8}\ \Phi_{10}^{6}\ \Phi_{8}^{11}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
39788	847	136	$\frac{15}{136}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{136}^{7}\ \Phi_{68}^{5}\ \Phi_{34}^{5}\ \Phi_{17}^{7}\ \Phi_{8}^{7}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{7}$
39789	847	1080	$\frac{1}{9}$	$\frac{37}{270}$	$\frac{8}{45}$	$\frac{233}{1080}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
39790	847	96	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{96}^{11}\ \Phi_{48}^{11}\ \Phi_{32}^{11}\ \Phi_{16}^{11}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
39791	848	633	$\frac{1}{211}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{105}{211}$	$\Phi_{633}\ \Phi_{211}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
39792	848	847	$\frac{5}{847}$	$\frac{213}{847}$	$\frac{317}{847}$	$\frac{421}{847}$	$\Phi_{847}\ \Phi_{121}\ \Phi_{77}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^{2}$
39793	848	1275	$\frac{3}{425}$	$\frac{107}{425}$	$\frac{1}{3}$	$\frac{211}{425}$	$\Phi_{1275}\ \Phi_{255}\ \Phi_{75}\ \Phi_{51}\ \Phi_{15}$
39794	848	363	$\frac{1}{121}$	$\frac{61}{363}$	$\frac{151}{363}$	$\frac{60}{121}$	$\Phi_{363}^{2}\ \Phi_{121}^{3}\ \Phi_{33}^{2}\ \Phi_{11}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
39795	848	105	$\frac{1}{105}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{52}{105}$	$\Phi_{105}^{8}\ \Phi_{35}^{8}\ \Phi_{21}^{8}\ \Phi_{15}^{8}\ \Phi_{7}^{9}\ \Phi_{5}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{10}$
39796	848	105	$\frac{1}{105}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{52}{105}$	$\Phi_{105}^{8}\ \Phi_{35}^{8}\ \Phi_{21}^{8}\ \Phi_{15}^{9}\ \Phi_{7}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
39797	848	847	$\frac{9}{847}$	$\frac{107}{847}$	$\frac{370}{847}$	$\frac{419}{847}$	$\Phi_{847}\ \Phi_{121}\ \Phi_{77}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^{2}$
39798	848	255	$\frac{1}{85}$	$\frac{43}{255}$	$\frac{1}{3}$	$\frac{42}{85}$	$\Phi_{255}^{3}\ \Phi_{85}^{4}\ \Phi_{51}^{3}\ \Phi_{17}^{4}\ \Phi_{15}^{3}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
39799	848	385	$\frac{1}{77}$	$\frac{39}{385}$	$\frac{173}{385}$	$\frac{38}{77}$	$\Phi_{385}^{2}\ \Phi_{77}^{3}\ \Phi_{55}^{2}\ \Phi_{35}^{2}\ \Phi_{11}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
39800	848	355	$\frac{1}{71}$	$\frac{1}{5}$	$\frac{18}{71}$	$\frac{35}{71}$	$\Phi_{355}^{3}\ \Phi_{5}^{2}$
39801	848	209	$\frac{3}{209}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{103}{209}$	$\Phi_{209}^{4}\ \Phi_{19}^{4}\ \Phi_{11}^{5}\ \Phi_{1}^{6}$
39802	848	847	$\frac{13}{847}$	$\frac{158}{847}$	$\frac{215}{847}$	$\frac{417}{847}$	$\Phi_{847}\ \Phi_{121}\ \Phi_{77}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^{2}$
39803	848	1275	$\frac{7}{425}$	$\frac{54}{425}$	$\frac{1}{3}$	$\frac{209}{425}$	$\Phi_{1275}\ \Phi_{255}\ \Phi_{75}\ \Phi_{51}\ \Phi_{15}$
39804	848	1560	$\frac{1}{52}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{51}{104}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{120}\ \Phi_{104}^{2}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
39805	848	936	$\frac{1}{52}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{936}^{2}\ \Phi_{312}\ \Phi_{104}^{2}\ \Phi_{72}^{2}\ \Phi_{24}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
39806	848	520	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{51}{104}$	$\Phi_{520}^{3}\ \Phi_{104}^{4}\ \Phi_{40}^{3}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
39807	848	825	$\frac{23}{825}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{401}{825}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{165}\ \Phi_{75}\ \Phi_{55}\ \Phi_{33}^{2}\ \Phi_{25}\ \Phi_{15}\ \Phi_{11}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
39808	848	143	$\frac{5}{143}$	$\frac{1}{11}$	$\frac{37}{143}$	$\frac{69}{143}$	$\Phi_{143}^{6}\ \Phi_{13}^{6}\ \Phi_{11}^{5}\ \Phi_{1}^{6}$
39809	848	231	$\frac{3}{77}$	$\frac{19}{231}$	$\frac{20}{77}$	$\frac{37}{77}$	$\Phi_{231}^{4}\ \Phi_{77}^{3}\ \Phi_{33}^{4}\ \Phi_{21}^{4}\ \Phi_{11}^{3}\ \Phi_{7}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
39810	848	102	$\frac{2}{51}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{102}^{16}\ \Phi_{51}\ \Phi_{34}^{16}\ \Phi_{6}^{16}\ \Phi_{2}^{16}$
39811	848	225	$\frac{1}{25}$	$\frac{13}{225}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{225}^{4}\ \Phi_{75}^{3}\ \Phi_{45}^{4}\ \Phi_{25}^{4}\ \Phi_{15}^{3}\ \Phi_{9}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
39812	848	1224	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{306}\ \Phi_{153}\ \Phi_{136}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
39813	848	121	$\frac{7}{121}$	$\frac{15}{121}$	$\frac{16}{121}$	$\frac{57}{121}$	$\Phi_{121}^{7}\ \Phi_{11}^{7}\ \Phi_{1}^{8}$
39814	848	663	$\frac{9}{221}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{663}^{2}\ \Phi_{51}\ \Phi_{39}^{2}$
39815	848	300	$\frac{1}{25}$	$\frac{3}{50}$	$\frac{1}{3}$	$\frac{47}{100}$	$\Phi_{300}^{8}\ \Phi_{75}\ \Phi_{60}^{8}\ \Phi_{15}\ \Phi_{12}^{8}$
39816	848	390	$\frac{1}{26}$	$\frac{1}{15}$	$\frac{25}{78}$	$\frac{7}{15}$	$\Phi_{390}^{2}\ \Phi_{195}^{2}\ \Phi_{130}^{2}\ \Phi_{78}^{3}\ \Phi_{65}^{2}\ \Phi_{39}^{3}\ \Phi_{30}^{2}\ \Phi_{26}^{2}\ \Phi_{15}^{3}\ \Phi_{13}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
39817	848	840	$\frac{3}{56}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
39818	848	195	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{7}{15}$	$\Phi_{195}^{4}\ \Phi_{65}^{5}\ \Phi_{39}^{4}\ \Phi_{15}^{5}\ \Phi_{13}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
39819	848	99	$\frac{7}{99}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{46}{99}$	$\Phi_{99}^{8}\ \Phi_{33}^{10}\ \Phi_{11}^{9}\ \Phi_{9}^{8}\ \Phi_{3}^{10}\ \Phi_{1}^{10}$
39820	848	627	$\frac{6}{209}$	$\frac{1}{11}$	$\frac{203}{627}$	$\frac{5}{11}$	$\Phi_{627}^{2}\ \Phi_{57}^{2}\ \Phi_{33}^{2}\ \Phi_{11}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
39821	848	55	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{55}^{16}\ \Phi_{11}^{13}\ \Phi_{5}^{16}\ \Phi_{1}^{14}$
39822	848	1632	$\frac{1}{17}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
39823	848	378	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{378}^{2}\ \Phi_{189}^{2}\ \Phi_{126}^{2}\ \Phi_{63}^{2}\ \Phi_{54}^{4}\ \Phi_{42}^{2}\ \Phi_{27}^{4}\ \Phi_{21}\ \Phi_{18}^{4}\ \Phi_{14}^{2}\ \Phi_{9}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
39824	848	315	$\frac{2}{105}$	$\frac{1}{7}$	$\frac{103}{315}$	$\frac{3}{7}$	$\Phi_{315}^{4}\ \Phi_{63}^{4}\ \Phi_{45}^{4}\ \Phi_{9}^{4}\ \Phi_{7}\ \Phi_{1}^{2}$
39825	848	217	$\frac{5}{217}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{217}^{4}\ \Phi_{31}^{4}\ \Phi_{7}\ \Phi_{1}^{2}$
39826	848	70	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{17}{70}$	$\frac{3}{7}$	$\Phi_{70}^{16}\ \Phi_{35}^{8}\ \Phi_{14}^{16}\ \Phi_{10}^{16}\ \Phi_{7}^{9}\ \Phi_{5}^{8}\ \Phi_{2}^{16}\ \Phi_{1}^{10}$
39827	848	385	$\frac{2}{55}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{385}^{2}\ \Phi_{77}^{2}\ \Phi_{55}^{4}\ \Phi_{35}\ \Phi_{11}^{4}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
39828	848	525	$\frac{4}{105}$	$\frac{1}{7}$	$\frac{101}{525}$	$\frac{3}{7}$	$\Phi_{525}^{2}\ \Phi_{175}^{2}\ \Phi_{75}^{2}\ \Phi_{25}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
39829	848	441	$\frac{17}{441}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{441}^{2}\ \Phi_{147}^{2}\ \Phi_{63}^{2}\ \Phi_{49}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
39830	848	63	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{10}{63}$	$\frac{3}{7}$	$\Phi_{63}^{16}\ \Phi_{21}^{8}\ \Phi_{9}^{16}\ \Phi_{7}^{9}\ \Phi_{3}^{8}\ \Phi_{1}^{10}$
39831	848	56	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{56}^{16}\ \Phi_{28}^{16}\ \Phi_{14}^{16}\ \Phi_{8}^{16}\ \Phi_{7}^{9}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{10}$
39832	848	245	$\frac{2}{35}$	$\frac{33}{245}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{245}^{4}\ \Phi_{49}^{4}\ \Phi_{7}\ \Phi_{1}^{2}$
39833	848	420	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{4}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{30}^{4}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{20}^{4}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
39834	848	455	$\frac{31}{455}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{455}^{2}\ \Phi_{91}^{2}\ \Phi_{65}^{2}\ \Phi_{13}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
39835	848	231	$\frac{19}{231}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{231}^{4}\ \Phi_{77}^{4}\ \Phi_{33}^{4}\ \Phi_{11}^{4}\ \Phi_{7}\ \Phi_{1}^{2}$
39836	848	231	$\frac{19}{231}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{231}^{4}\ \Phi_{77}^{4}\ \Phi_{33}^{2}\ \Phi_{21}^{4}\ \Phi_{11}\ \Phi_{7}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
39837	848	1020	$\frac{1}{17}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{51}\ \Phi_{34}$
39838	848	918	$\frac{1}{54}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{918}\ \Phi_{459}\ \Phi_{306}\ \Phi_{153}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
39839	848	1530	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{1530}\ \Phi_{510}\ \Phi_{306}\ \Phi_{170}\ \Phi_{153}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
39840	848	715	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{133}{715}$	$\frac{291}{715}$	$\Phi_{715}\ \Phi_{143}^{2}\ \Phi_{65}\ \Phi_{55}\ \Phi_{13}^{2}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
39841	848	645	$\frac{3}{215}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{645}^{2}\ \Phi_{129}^{2}\ \Phi_{15}$
39842	848	693	$\frac{1}{77}$	$\frac{155}{693}$	$\frac{76}{231}$	$\frac{269}{693}$	$\Phi_{693}\ \Phi_{231}^{2}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{33}^{2}\ \Phi_{21}^{2}\ \Phi_{11}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
39843	848	77	$\frac{1}{77}$	$\frac{19}{77}$	$\frac{24}{77}$	$\frac{29}{77}$	$\Phi_{77}^{11}\ \Phi_{11}^{11}\ \Phi_{7}^{11}\ \Phi_{1}^{12}$
39844	848	255	$\frac{1}{85}$	$\frac{21}{85}$	$\frac{1}{3}$	$\frac{32}{85}$	$\Phi_{255}^{5}\ \Phi_{51}^{5}\ \Phi_{15}^{5}\ \Phi_{3}^{4}$
39845	848	321	$\frac{1}{107}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{321}^{3}\ \Phi_{107}^{2}$
39846	848	633	$\frac{3}{211}$	$\frac{52}{211}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{633}\ \Phi_{211}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
39847	848	270	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{270}^{4}\ \Phi_{135}^{4}\ \Phi_{90}^{4}\ \Phi_{45}^{4}\ \Phi_{30}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{2}$
39848	848	315	$\frac{2}{105}$	$\frac{1}{5}$	$\frac{103}{315}$	$\frac{1}{3}$	$\Phi_{315}^{4}\ \Phi_{63}^{4}\ \Phi_{45}^{4}\ \Phi_{15}\ \Phi_{9}^{4}$
39849	848	234	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{234}^{4}\ \Phi_{117}^{4}\ \Phi_{78}^{3}\ \Phi_{39}^{3}\ \Phi_{26}^{2}\ \Phi_{18}^{4}\ \Phi_{13}^{2}\ \Phi_{9}^{6}\ \Phi_{6}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
39850	848	459	$\frac{1}{17}$	$\frac{35}{459}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{459}^{2}\ \Phi_{153}^{2}\ \Phi_{51}\ \Phi_{27}^{2}\ \Phi_{9}^{2}$
39851	848	153	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{47}{153}$	$\frac{1}{3}$	$\Phi_{153}^{8}\ \Phi_{51}\ \Phi_{9}^{8}$
39852	848	75	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{22}{75}$	$\frac{1}{3}$	$\Phi_{75}^{9}\ \Phi_{25}^{16}\ \Phi_{15}^{9}\ \Phi_{5}^{16}\ \Phi_{3}^{8}\ \Phi_{1}^{16}$
39853	848	435	$\frac{11}{435}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{435}^{2}\ \Phi_{145}^{2}\ \Phi_{87}^{2}\ \Phi_{29}^{2}\ \Phi_{15}$
39854	848	504	$\frac{3}{56}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{168}\ \Phi_{126}^{2}\ \Phi_{84}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
39855	848	210	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{17}{70}$	$\frac{1}{3}$	$\Phi_{210}^{8}\ \Phi_{105}^{4}\ \Phi_{42}^{8}\ \Phi_{30}^{8}\ \Phi_{21}^{4}\ \Phi_{15}^{5}\ \Phi_{6}^{8}\ \Phi_{3}^{4}$
39856	848	375	$\frac{1}{25}$	$\frac{19}{125}$	$\frac{6}{25}$	$\frac{1}{3}$	$\Phi_{375}^{4}\ \Phi_{75}\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
39857	848	357	$\frac{1}{17}$	$\frac{13}{119}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{357}^{4}\ \Phi_{51}\ \Phi_{21}^{4}$
39858	848	204	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{15}{68}$	$\frac{1}{3}$	$\Phi_{204}^{8}\ \Phi_{102}^{8}\ \Phi_{51}\ \Phi_{12}^{8}\ \Phi_{6}^{8}$
39859	848	165	$\frac{2}{55}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{165}^{8}\ \Phi_{33}^{8}\ \Phi_{15}^{5}\ \Phi_{3}^{4}$
39860	848	525	$\frac{4}{105}$	$\frac{101}{525}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{525}^{2}\ \Phi_{175}^{2}\ \Phi_{75}^{2}\ \Phi_{25}^{2}\ \Phi_{15}$
39861	848	315	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{315}^{4}\ \Phi_{105}^{2}\ \Phi_{45}^{4}\ \Phi_{35}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
39862	848	840	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{120}^{2}\ \Phi_{105}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}$
39863	848	735	$\frac{2}{35}$	$\frac{33}{245}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{735}^{2}\ \Phi_{147}^{2}\ \Phi_{15}$
39864	848	225	$\frac{13}{225}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{225}^{4}\ \Phi_{75}^{4}\ \Phi_{45}^{4}\ \Phi_{25}^{4}\ \Phi_{15}\ \Phi_{9}^{4}$
39865	848	60	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{60}^{16}\ \Phi_{30}^{16}\ \Phi_{20}^{16}\ \Phi_{15}^{9}\ \Phi_{12}^{16}\ \Phi_{10}^{16}\ \Phi_{6}^{16}\ \Phi_{5}^{8}\ \Phi_{4}^{16}\ \Phi_{3}^{8}\ \Phi_{2}^{16}\ \Phi_{1}^{8}$
39866	848	1365	$\frac{31}{455}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{273}\ \Phi_{195}\ \Phi_{39}\ \Phi_{15}$
39867	848	1155	$\frac{19}{231}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{165}\ \Phi_{55}\ \Phi_{15}$
39868	848	585	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{585}^{2}\ \Phi_{195}\ \Phi_{65}^{2}\ \Phi_{45}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
39869	848	255	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{43}{255}$	$\frac{1}{3}$	$\Phi_{255}^{4}\ \Phi_{85}^{4}\ \Phi_{51}\ \Phi_{15}^{4}\ \Phi_{5}^{4}$
39870	848	390	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{25}{78}$	$\Phi_{390}^{3}\ \Phi_{195}^{3}\ \Phi_{78}^{4}\ \Phi_{39}^{4}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
39871	848	77	$\frac{5}{77}$	$\frac{9}{77}$	$\frac{17}{77}$	$\frac{24}{77}$	$\Phi_{77}^{11}\ \Phi_{11}^{11}\ \Phi_{7}^{11}\ \Phi_{1}^{12}$
39872	848	495	$\frac{1}{11}$	$\frac{23}{165}$	$\frac{71}{495}$	$\frac{10}{33}$	$\Phi_{495}^{2}\ \Phi_{165}\ \Phi_{99}^{2}\ \Phi_{55}\ \Phi_{45}^{2}\ \Phi_{33}^{2}\ \Phi_{15}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
39873	848	297	$\frac{1}{11}$	$\frac{14}{99}$	$\frac{5}{33}$	$\frac{85}{297}$	$\Phi_{297}^{4}\ \Phi_{33}^{2}\ \Phi_{27}^{4}\ \Phi_{11}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
39874	848	168	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{168}^{7}\ \Phi_{84}^{7}\ \Phi_{56}^{2}\ \Phi_{42}^{7}\ \Phi_{28}^{2}\ \Phi_{24}^{7}\ \Phi_{21}^{4}\ \Phi_{14}^{2}\ \Phi_{12}^{7}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{6}^{7}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
39875	848	495	$\frac{1}{11}$	$\frac{71}{495}$	$\frac{5}{33}$	$\frac{28}{99}$	$\Phi_{495}^{2}\ \Phi_{165}^{2}\ \Phi_{55}^{2}\ \Phi_{45}^{2}\ \Phi_{33}^{2}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
39876	848	209	$\frac{9}{209}$	$\frac{2}{11}$	$\frac{50}{209}$	$\frac{3}{11}$	$\Phi_{209}^{4}\ \Phi_{19}^{4}\ \Phi_{11}^{5}\ \Phi_{1}^{6}$
39877	848	1224	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
39878	848	121	$\frac{9}{121}$	$\frac{15}{121}$	$\frac{28}{121}$	$\frac{31}{121}$	$\Phi_{121}^{7}\ \Phi_{11}^{7}\ \Phi_{1}^{8}$
39879	848	280	$\frac{3}{56}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{70}^{3}\ \Phi_{56}^{4}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{4}\ \Phi_{14}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
39880	848	66	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{13}{66}$	$\frac{7}{33}$	$\Phi_{66}^{16}\ \Phi_{33}^{10}\ \Phi_{22}^{16}\ \Phi_{11}^{9}\ \Phi_{6}^{16}\ \Phi_{3}^{10}\ \Phi_{2}^{16}\ \Phi_{1}^{10}$
39881	848	121	$\frac{15}{121}$	$\frac{16}{121}$	$\frac{21}{121}$	$\frac{25}{121}$	$\Phi_{121}^{7}\ \Phi_{11}^{7}\ \Phi_{1}^{8}$
39882	848	65	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{65}^{13}\ \Phi_{13}^{12}\ \Phi_{5}^{16}\ \Phi_{1}^{16}$
39883	849	1136	$\frac{3}{284}$	$\frac{1}{4}$	$\frac{287}{1136}$	$\frac{281}{568}$	$\Phi_{1136}\ \Phi_{284}\ \Phi_{142}\ \Phi_{71}\ \Phi_{16}\ \Phi_{1}$
39884	849	560	$\frac{3}{280}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{277}{560}$	$\Phi_{560}^{3}\ \Phi_{112}^{3}\ \Phi_{80}^{3}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
39885	849	1664	$\frac{17}{832}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{815}{1664}$	$\Phi_{1664}\ \Phi_{128}\ \Phi_{32}\ \Phi_{1}$
39886	849	544	$\frac{11}{272}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{261}{544}$	$\Phi_{544}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
39887	849	384	$\frac{5}{96}$	$\frac{1}{16}$	$\frac{101}{384}$	$\frac{91}{192}$	$\Phi_{384}^{3}\ \Phi_{128}^{3}\ \Phi_{96}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
39888	849	416	$\frac{17}{416}$	$\frac{1}{16}$	$\frac{133}{416}$	$\frac{15}{32}$	$\Phi_{416}^{2}\ \Phi_{208}^{2}\ \Phi_{104}^{2}\ \Phi_{52}^{2}\ \Phi_{32}^{3}\ \Phi_{26}^{2}\ \Phi_{16}^{2}\ \Phi_{13}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
39889	849	896	$\frac{47}{896}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
39890	849	512	$\frac{1}{16}$	$\frac{27}{256}$	$\frac{5}{32}$	$\frac{229}{512}$	$\Phi_{512}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
39891	849	320	$\frac{1}{16}$	$\frac{37}{320}$	$\frac{5}{32}$	$\frac{27}{64}$	$\Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{80}^{3}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
39892	849	480	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{43}{240}$	$\frac{197}{480}$	$\Phi_{480}^{3}\ \Phi_{160}^{3}\ \Phi_{96}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
39893	849	288	$\frac{5}{288}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{288}^{3}\ \Phi_{144}^{3}\ \Phi_{96}^{3}\ \Phi_{72}^{3}\ \Phi_{48}^{3}\ \Phi_{36}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
39894	849	852	$\frac{1}{71}$	$\frac{1}{4}$	$\frac{70}{213}$	$\frac{143}{426}$	$\Phi_{852}\ \Phi_{284}^2\ \Phi_{213}\ \Phi_{142}\ \Phi_{71}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
39895	849	424	$\frac{1}{106}$	$\frac{35}{106}$	$\frac{141}{424}$	$\frac{71}{212}$	$\Phi_{424}^3\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_8^3\ \Phi_2^2\ \Phi_1^3$
39896	849	420	$\frac{3}{140}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{137}{420}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{30}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
39897	849	384	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{27}{128}$	$\frac{101}{384}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
39898	849	336	$\frac{3}{56}$	$\frac{53}{336}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
39899	849	300	$\frac{17}{300}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^3\ \Phi_{30}^3\ \Phi_{25}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
39900	849	320	$\frac{3}{40}$	$\frac{37}{320}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
39901	849	308	$\frac{25}{308}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{308}^3\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
39902	850	846	$\frac{2}{423}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{421}{846}$	$\Phi_{846}^2\ \Phi_{282}^2\ \Phi_{94}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
39903	850	1352	$\frac{1}{169}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{84}{169}$	$\Phi_{1352}\ \Phi_{169}\ \Phi_{104}\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
39904	850	1704	$\frac{1}{142}$	$\frac{143}{568}$	$\frac{1}{3}$	$\frac{141}{284}$	$\Phi_{1704}\ \Phi_{426}\ \Phi_{213}\ \Phi_{24}\ \Phi_6$
39905	850	504	$\frac{1}{84}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{83}{168}$	$\Phi_{504}^3\ \Phi_{168}^4\ \Phi_{72}^3\ \Phi_{56}^4\ \Phi_{24}^4\ \Phi_9\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
39906	850	168	$\frac{1}{84}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{83}{168}$	$\Phi_{168}^{10}\ \Phi_{56}^{10}\ \Phi_{24}^{10}\ \Phi_8^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
39907	850	114	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{29}{114}$	$\frac{28}{57}$	$\Phi_{114}^7\ \Phi_{57}^8\ \Phi_{38}^7\ \Phi_{19}^8\ \Phi_6^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
39908	850	1568	$\frac{1}{49}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{24}{49}$	$\Phi_{1568}\ \Phi_{224}\ \Phi_{49}\ \Phi_{32}^2\ \Phi_7\ \Phi_1^2$
39909	850	1176	$\frac{1}{49}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{24}{49}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{84}\ \Phi_{49}\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
39910	850	980	$\frac{1}{49}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{24}{49}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{140}\ \Phi_{70}\ \Phi_{49}\ \Phi_{35}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
39911	850	528	$\frac{1}{33}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{16}{33}$	$\Phi_{528}^3\ \Phi_{176}^3\ \Phi_{48}^4\ \Phi_{33}\ \Phi_{16}^4\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
39912	850	297	$\frac{1}{33}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{297}^3\ \Phi_{99}^3\ \Phi_{33}\ \Phi_{27}^4\ \Phi_{11}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
39913	850	396	$\frac{1}{33}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{16}{33}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{99}^3\ \Phi_{36}^4\ \Phi_{33}\ \Phi_{18}^4\ \Phi_{11}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
39914	850	924	$\frac{1}{33}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{84}\ \Phi_{77}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
39915	850	1056	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{16}{33}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{176}\ \Phi_{96}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
39916	850	66	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{16}{33}$	$\Phi_{66}^{12}\ \Phi_{33}^{13}\ \Phi_{22}^{12}\ \Phi_{11}^{13}\ \Phi_6^{16}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
39917	850	144	$\frac{1}{24}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{144}^{12}\ \Phi_{48}^{10}\ \Phi_{18}^2\ \Phi_{16}^{10}\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
39918	850	528	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{23}{48}$	$\Phi_{528}^3\ \Phi_{176}^3\ \Phi_{48}^4\ \Phi_{22}^2\ \Phi_{16}^4\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
39919	850	849	$\frac{41}{849}$	$\frac{89}{849}$	$\frac{152}{849}$	$\frac{404}{849}$	$\Phi_{849}\ \Phi_{283}\ \Phi_3\ \Phi_1^2$
39920	850	162	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{77}{162}$	$\Phi_{162}^4\ \Phi_{81}^6\ \Phi_{54}^4\ \Phi_{27}^6\ \Phi_{18}^7\ \Phi_9^8\ \Phi_6^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
39921	850	114	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{114}^9\ \Phi_{57}^9\ \Phi_{38}^9\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8$
39922	850	306	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{306}^3\ \Phi_{153}^3\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{34}\ \Phi_{18}^2\ \Phi_{17}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
39923	850	1248	$\frac{1}{26}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{1248}^2\ \Phi_{96}\ \Phi_{78}\ \Phi_{39}\ \Phi_6$
39924	850	1568	$\frac{1}{16}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{15}{32}$	$\Phi_{1568}\ \Phi_{224}\ \Phi_{49}\ \Phi_{32}^2\ \Phi_7\ \Phi_1^2$
39925	850	1056	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{1056}^2\ \Phi_{352}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
39926	850	224	$\frac{1}{16}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{224}^7\ \Phi_{32}^8\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
39927	850	261	$\frac{2}{87}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{261}^3\ \Phi_{87}^4\ \Phi_{29}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
39928	850	126	$\frac{1}{42}$	$\frac{1}{9}$	$\frac{41}{126}$	$\frac{4}{9}$	$\Phi_{126}^7\ \Phi_{63}^7\ \Phi_{42}^6\ \Phi_{21}^6\ \Phi_{18}^7\ \Phi_{14}^6\ \Phi_9^8\ \Phi_7^6\ \Phi_6^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
39929	850	792	$\frac{3}{88}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}^2\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
39930	850	1008	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{27}{112}$	$\frac{4}{9}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}^2\ \Phi_{72}\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
39931	850	63	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{4}{21}$	$\frac{4}{9}$	$\Phi_{63}^{12}\ \Phi_{21}^{16}\ \Phi_9^{13}\ \Phi_7^{16}\ \Phi_3^{17}\ \Phi_1^{18}$
39932	850	18	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{18}^{47}\ \Phi_9^{48}\ \Phi_6^{46}\ \Phi_3^{47}\ \Phi_2^{46}\ \Phi_1^{48}$
39933	850	819	$\frac{6}{91}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{117}\ \Phi_{91}^2\ \Phi_{39}\ \Phi_{13}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
39934	850	882	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{98}$	$\frac{4}{9}$	$\Phi_{882}\ \Phi_{441}\ \Phi_{294}\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
39935	850	288	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{96}$	$\frac{4}{9}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^4\ \Phi_{72}^3\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_9\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
39936	850	456	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{1}{6}$	$\frac{67}{152}$	$\Phi_{456}^4\ \Phi_{152}^2\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}\ \Phi_{24}^4\ \Phi_8^2$
39937	850	510	$\frac{1}{51}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{510}^3\ \Phi_{170}^3\ \Phi_{102}^3\ \Phi_{51}^2\ \Phi_{34}^3\ \Phi_{30}^2\ \Phi_{17}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
39938	850	390	$\frac{1}{26}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^3\ \Phi_{78}^2\ \Phi_{65}^3\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
39939	850	546	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}\ \Phi_{91}\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{39}^2\ \Phi_{14}\ \Phi_6^2$
39940	850	849	$\frac{29}{849}$	$\frac{137}{849}$	$\frac{164}{849}$	$\frac{356}{849}$	$\Phi_{849}\ \Phi_{283}\ \Phi_3\ \Phi_1^2$
39941	850	432	$\frac{7}{432}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
39942	850	408	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{408}^3\ \Phi_{136}^3\ \Phi_{102}^3\ \Phi_{51}^2\ \Phi_{34}^3\ \Phi_{24}^2\ \Phi_{17}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
39943	850	306	$\frac{1}{18}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{306}^3\ \Phi_{153}^3\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{34}^3\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
39944	850	849	$\frac{44}{849}$	$\frac{101}{849}$	$\frac{161}{849}$	$\frac{344}{849}$	$\Phi_{849}\ \Phi_{283}\ \Phi_3\ \Phi_1^2$
39945	850	114	$\frac{2}{57}$	$\frac{1}{6}$	$\frac{11}{57}$	$\frac{23}{57}$	$\Phi_{114}^9\ \Phi_{57}^6\ \Phi_{38}^9\ \Phi_{19}^6\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
39946	850	426	$\frac{1}{71}$	$\frac{14}{71}$	$\frac{1}{3}$	$\frac{57}{142}$	$\Phi_{426}^5\ \Phi_{213}\ \Phi_6^5$
39947	850	260	$\frac{1}{26}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{260}^4\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{52}^4\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{13}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
39948	850	364	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{364}^4\ \Phi_{182}\ \Phi_{91}\ \Phi_{52}^4\ \Phi_{28}^2\ \Phi_{14}\ \Phi_4^2$
39949	850	1032	$\frac{1}{86}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1032}^2\ \Phi_{258}\ \Phi_{129}\ \Phi_{24}\ \Phi_6$
39950	850	1352	$\frac{4}{169}$	$\frac{33}{169}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1352}\ \Phi_{169}\ \Phi_{104}\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
39951	850	840	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^2\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
39952	850	1352	$\frac{9}{169}$	$\frac{16}{169}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1352}\ \Phi_{169}\ \Phi_{104}\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
39953	850	792	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}^2\ \Phi_{264}^2\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
39954	850	728	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{728}^2\ \Phi_{104}\ \Phi_{91}^2\ \Phi_{56}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_7^2\ \Phi_1^2$
39955	850	639	$\frac{2}{213}$	$\frac{211}{639}$	$\frac{1}{3}$	$\frac{214}{639}$	$\Phi_{639}\ \Phi_{213}^2\ \Phi_{71}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
39956	850	564	$\frac{2}{141}$	$\frac{139}{564}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{564}^2\ \Phi_{282}^2\ \Phi_{188}^2\ \Phi_{94}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
39957	850	432	$\frac{7}{432}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
39958	850	174	$\frac{2}{87}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{174}^6\ \Phi_{87}^4\ \Phi_{58}^6\ \Phi_{29}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
39959	850	54	$\frac{1}{18}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{54}^{18}\ \Phi_{27}^{16}\ \Phi_{18}^{14}\ \Phi_9^{12}\ \Phi_6^{14}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
39960	850	126	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{41}{126}$	$\frac{1}{3}$	$\Phi_{126}^{10}\ \Phi_{63}^{10}\ \Phi_{18}^{10}\ \Phi_9^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
39961	850	297	$\frac{2}{33}$	$\frac{2}{27}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{297}^3\ \Phi_{99}^2\ \Phi_{33}^3\ \Phi_{27}^4\ \Phi_{11}^3\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
39962	850	36	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{36}^{22}\ \Phi_{18}^{24}\ \Phi_{12}^{24}\ \Phi_9^{24}\ \Phi_6^{26}\ \Phi_4^{24}\ \Phi_3^{25}\ \Phi_2^{26}\ \Phi_1^{26}$
39963	850	312	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^4\ \Phi_{78}^3\ \Phi_{52}^4\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{24}\ \Phi_{13}^4\ \Phi_{12}\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
39964	850	264	$\frac{3}{88}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{264}^3\ \Phi_{132}^3\ \Phi_{88}^4\ \Phi_{66}^3\ \Phi_{44}^4\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
39965	850	780	$\frac{1}{26}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{195}^2\ \Phi_{78}\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
39966	850	252	$\frac{1}{18}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^3\ \Phi_{63}^4\ \Phi_{42}^3\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^4\ \Phi_9^2\ \Phi_7^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
39967	850	336	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{27}{112}$	$\frac{1}{3}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^4\ \Phi_{56}^4\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^4\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
39968	850	594	$\frac{2}{27}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{594}^2\ \Phi_{297}\ \Phi_{198}^2\ \Phi_{99}\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
39969	850	288	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{288}^4\ \Phi_{144}^4\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^4\ \Phi_{18}^2\ \Phi_{16}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
39970	850	42	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{4}{21}$	$\frac{1}{3}$	$\Phi_{42}^{24}\ \Phi_{21}^{16}\ \Phi_{14}^{24}\ \Phi_7^{16}\ \Phi_6^{26}\ \Phi_3^{17}\ \Phi_2^{26}\ \Phi_1^{18}$
39971	850	426	$\frac{7}{142}$	$\frac{23}{142}$	$\frac{27}{142}$	$\frac{1}{3}$	$\Phi_{426}^3\ \Phi_{213}^3\ \Phi_6^3\ \Phi_3^2$
39972	850	18	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{18}^{50}\ \Phi_9^{50}\ \Phi_6^{42}\ \Phi_3^{41}\ \Phi_2^{42}\ \Phi_1^{42}$
39973	850	504	$\frac{5}{84}$	$\frac{79}{504}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
39974	850	546	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{546}^2\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
39975	850	294	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{294}^3\ \Phi_{147}^3\ \Phi_{98}^4\ \Phi_{49}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
39976	850	462	$\frac{37}{462}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
39977	850	96	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{96}^{10}\ \Phi_{48}^{10}\ \Phi_{32}^{10}\ \Phi_{24}^{10}\ \Phi_{16}^{10}\ \Phi_8^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
39978	850	378	$\frac{2}{21}$	$\frac{19}{189}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{378}^3\ \Phi_{189}^2\ \Phi_{126}^3\ \Phi_{63}^2\ \Phi_{54}^3\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
39979	850	396	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{11}{36}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{99}^3\ \Phi_{36}^4\ \Phi_{22}^2\ \Phi_{18}^4\ \Phi_{11}\ \Phi_9^4\ \Phi_2^2\ \Phi_1^2$
39980	850	486	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{73}{243}$	$\Phi_{486}^3\ \Phi_{243}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
39981	850	378	$\frac{19}{189}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{378}^3\ \Phi_{189}^2\ \Phi_{126}^3\ \Phi_{63}^2\ \Phi_{42}^3\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{14}^3\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
39982	850	1176	$\frac{4}{49}$	$\frac{1}{8}$	$\frac{9}{49}$	$\frac{7}{24}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{84}\ \Phi_{49}\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
39983	850	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{264}^3\ \Phi_{132}^3\ \Phi_{88}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{33}^4\ \Phi_{22}^5\ \Phi_{11}^4$
39984	850	168	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{168}^7\ \Phi_{84}^7\ \Phi_{42}^7\ \Phi_{28}^2\ \Phi_{24}^8\ \Phi_{21}^7\ \Phi_{14}^2\ \Phi_{12}^8\ \Phi_7\ \Phi_6^8\ \Phi_4^2\ \Phi_3^8\ \Phi_2^2\ \Phi_1^2$
39985	850	117	$\frac{4}{39}$	$\frac{1}{9}$	$\frac{7}{39}$	$\frac{32}{117}$	$\Phi_{117}^7\ \Phi_{39}^8\ \Phi_{13}^8\ \Phi_9^6\ \Phi_3^7\ \Phi_1^8$
39986	850	1170	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{234}\ \Phi_{130}\ \Phi_{117}\ \Phi_{90}\ \Phi_{65}\ \Phi_{18}\ \Phi_{10}$
39987	850	114	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{9}{38}$	$\frac{29}{114}$	$\Phi_{114}^7\ \Phi_{57}^7\ \Phi_{38}^9\ \Phi_{19}^8\ \Phi_6^6\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
39988	850	308	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{308}^3\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{28}^4\ \Phi_{22}^2\ \Phi_{14}^4\ \Phi_{11}\ \Phi_7^4\ \Phi_2^2\ \Phi_1^2$
39989	850	980	$\frac{4}{49}$	$\frac{3}{20}$	$\frac{9}{49}$	$\frac{1}{4}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{140}\ \Phi_{70}\ \Phi_{49}\ \Phi_{35}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
39990	850	660	$\frac{1}{11}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}\ \Phi_{165}^2\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}$
39991	850	140	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{140}^7\ \Phi_{70}^7\ \Phi_{35}^7\ \Phi_{28}^2\ \Phi_{20}^8\ \Phi_{14}^2\ \Phi_{10}^8\ \Phi_7\ \Phi_5^8\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
39992	850	352	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{5}{22}$	$\Phi_{352}^3\ \Phi_{176}^3\ \Phi_{32}^4\ \Phi_{22}^2\ \Phi_{16}^4\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
39993	850	66	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{22}$	$\Phi_{66}^{12}\ \Phi_{33}^{12}\ \Phi_{22}^{14}\ \Phi_{11}^{13}\ \Phi_6^{16}\ \Phi_3^{16}\ \Phi_2^{18}\ \Phi_1^{18}$
39994	850	108	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{6}$	$\frac{23}{108}$	$\Phi_{108}^{10}\ \Phi_{54}^4\ \Phi_{36}^{10}\ \Phi_{27}^6\ \Phi_{18}^7\ \Phi_{12}^{10}\ \Phi_9^8\ \Phi_6^6\ \Phi_4^{10}\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
39995	851	1360	$\frac{1}{170}$	$\frac{171}{680}$	$\frac{509}{1360}$	$\frac{169}{340}$	$\Phi_{1360}\ \Phi_{340}\ \Phi_{272}\ \Phi_{80}\ \Phi_{68}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
39996	851	1680	$\frac{11}{840}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{829}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{80}\ \Phi_{48}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
39997	851	1680	$\frac{11}{840}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{829}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}\ \Phi_{15}\ \Phi_3\ \Phi_1$
39998	851	1140	$\frac{4}{285}$	$\frac{1}{5}$	$\frac{289}{1140}$	$\frac{281}{570}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
39999	851	1600	$\frac{1}{50}$	$\frac{51}{800}$	$\frac{749}{1600}$	$\frac{49}{100}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{100}\ \Phi_{64}\ \Phi_{20}\ \Phi_4\ \Phi_1$
40000	851	1200	$\frac{1}{50}$	$\frac{51}{400}$	$\frac{349}{1200}$	$\frac{49}{100}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
40001	851	1000	$\frac{1}{50}$	$\frac{149}{1000}$	$\frac{51}{200}$	$\frac{49}{100}$	$\Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{100}\ \Phi_{20}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
40002	851	792	$\frac{1}{36}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{35}{72}$	$\Phi_{792}^2\ \Phi_{264}^2\ \Phi_{88}^2\ \Phi_{72}^3\ \Phi_{44}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
40003	851	792	$\frac{1}{36}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{35}{72}$	$\Phi_{792}^2\ \Phi_{264}^2\ \Phi_{88}^2\ \Phi_{72}^3\ \Phi_{33}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_3\ \Phi_1$
40004	851	1632	$\frac{1}{34}$	$\frac{35}{816}$	$\frac{781}{1632}$	$\frac{33}{68}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{96}\ \Phi_{68}\ \Phi_{32}\ \Phi_4\ \Phi_1$
40005	851	1224	$\frac{1}{34}$	$\frac{35}{408}$	$\frac{373}{1224}$	$\frac{33}{68}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{72}\ \Phi_{68}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
40006	851	952	$\frac{1}{34}$	$\frac{101}{952}$	$\frac{35}{136}$	$\frac{33}{68}$	$\Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{119}\ \Phi_{68}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
40007	851	1088	$\frac{1}{34}$	$\frac{35}{272}$	$\frac{237}{1088}$	$\frac{33}{68}$	$\Phi_{1088}\ \Phi_{544}\ \Phi_{68}\ \Phi_{64}\ \Phi_{32}\ \Phi_4\ \Phi_1$
40008	851	1020	$\frac{1}{34}$	$\frac{169}{1020}$	$\frac{35}{204}$	$\frac{33}{68}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
40009	851	950	$\frac{4}{95}$	$\frac{99}{950}$	$\frac{1}{5}$	$\frac{91}{190}$	$\Phi_{950}\ \Phi_{475}\ \Phi_{95}\ \Phi_{50}\ \Phi_{25}\ \Phi_{19}\ \Phi_1$
40010	851	1632	$\frac{35}{816}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{781}{1632}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{96}\ \Phi_{51}\ \Phi_{32}\ \Phi_3\ \Phi_1$
40011	851	1716	$\frac{1}{22}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{156}\ \Phi_{52}\ \Phi_{44}\ \Phi_{39}\ \Phi_{13}\ \Phi_4\ \Phi_1$
40012	851	1188	$\frac{1}{22}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{21}{44}$	$\Phi_{1188}^2\ \Phi_{108}^2\ \Phi_{54}\ \Phi_{44}\ \Phi_{27}\ \Phi_4\ \Phi_1$
40013	851	440	$\frac{1}{22}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{440}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
40014	851	528	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{21}{44}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{48}^3\ \Phi_{44}\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
40015	851	1980	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{21}{44}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{220}\ \Phi_{180}\ \Phi_{60}\ \Phi_{45}\ \Phi_{44}\ \Phi_{20}\ \Phi_{15}\ \Phi_5\ \Phi_4\ \Phi_1$
40016	851	924	$\frac{1}{22}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{21}{44}$	$\Phi_{924}^2\ \Phi_{308}^2\ \Phi_{84}^2\ \Phi_{44}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
40017	851	1620	$\frac{41}{810}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{769}{1620}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{324}\ \Phi_{180}\ \Phi_{108}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
40018	851	1156	$\frac{16}{289}$	$\frac{1}{17}$	$\frac{305}{1156}$	$\frac{273}{578}$	$\Phi_{1156}\ \Phi_{289}\ \Phi_{68}\ \Phi_4\ \Phi_1$
40019	851	68	$\frac{1}{34}$	$\frac{3}{34}$	$\frac{11}{34}$	$\frac{31}{68}$	$\Phi_{68}^{23}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_4^{23}\ \Phi_2^2\ \Phi_1^3$
40020	851	900	$\frac{49}{900}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
40021	851	798	$\frac{1}{38}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{266}\ \Phi_{133}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{21}\ \Phi_{19}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
40022	851	1260	$\frac{11}{420}$	$\frac{1}{10}$	$\frac{409}{1260}$	$\frac{9}{20}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
40023	851	880	$\frac{29}{880}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{16}\ \Phi_{11}\ \Phi_4\ \Phi_1$
40024	851	1120	$\frac{11}{280}$	$\frac{1}{10}$	$\frac{269}{1120}$	$\frac{9}{20}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
40025	851	900	$\frac{49}{900}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
40026	851	980	$\frac{11}{140}$	$\frac{1}{10}$	$\frac{129}{980}$	$\frac{9}{20}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{20}\ \Phi_4\ \Phi_1$
40027	851	960	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{109}{960}$	$\frac{9}{20}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
40028	851	1520	$\frac{4}{95}$	$\frac{91}{760}$	$\frac{1}{5}$	$\frac{669}{1520}$	$\Phi_{1520}\ \Phi_{304}\ \Phi_{95}\ \Phi_{80}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
40029	851	608	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{608}^2\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_8\ \Phi_4\ \Phi_1$
40030	851	1500	$\frac{1}{50}$	$\frac{101}{750}$	$\frac{49}{150}$	$\frac{649}{1500}$	$\Phi_{1500}\ \Phi_{500}\ \Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
40031	851	1500	$\frac{1}{25}$	$\frac{101}{750}$	$\frac{24}{125}$	$\frac{649}{1500}$	$\Phi_{1500}\ \Phi_{500}\ \Phi_{300}\ \Phi_{125}\ \Phi_{100}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
40032	851	1050	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{199}{1050}$	$\frac{151}{350}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}\ \Phi_{105}\ \Phi_{75}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
40033	851	760	$\frac{1}{38}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{760}^2\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{40}\ \Phi_{38}\ \Phi_{19}\ \Phi_8\ \Phi_4\ \Phi_1$
40034	851	1200	$\frac{1}{50}$	$\frac{49}{300}$	$\frac{349}{1200}$	$\frac{251}{600}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
40035	851	1000	$\frac{1}{25}$	$\frac{149}{1000}$	$\frac{24}{125}$	$\frac{101}{250}$	$\Phi_{1000}\ \Phi_{500}\ \Phi_{200}\ \Phi_{125}\ \Phi_{100}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
40036	851	1400	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{151}{700}$	$\frac{549}{1400}$	$\Phi_{1400}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_8\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
40037	851	870	$\frac{19}{870}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}\ \Phi_{174}\ \Phi_{145}\ \Phi_{87}\ \Phi_{58}\ \Phi_{29}\ \Phi_{15}\ \Phi_3\ \Phi_1$
40038	851	684	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{684}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
40039	851	918	$\frac{1}{17}$	$\frac{67}{918}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{918}\ \Phi_{459}\ \Phi_{306}\ \Phi_{153}\ \Phi_{54}\ \Phi_{51}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_3\ \Phi_1$
40040	851	429	$\frac{2}{39}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{429}^2\ \Phi_{143}^2\ \Phi_{39}^3\ \Phi_{33}\ \Phi_{13}^3\ \Phi_3\ \Phi_1$
40041	851	1260	$\frac{11}{420}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{409}{1260}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
40042	851	594	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{17}{54}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{54}^3\ \Phi_{33}\ \Phi_{27}^3\ \Phi_3\ \Phi_1$
40043	851	1224	$\frac{1}{17}$	$\frac{35}{408}$	$\frac{373}{1224}$	$\frac{16}{51}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{72}\ \Phi_{51}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_3\ \Phi_1$
40044	851	1020	$\frac{1}{17}$	$\frac{169}{1020}$	$\frac{35}{204}$	$\frac{16}{51}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{85}\ \Phi_{60}\ \Phi_{51}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$
40045	851	945	$\frac{4}{45}$	$\frac{94}{945}$	$\frac{1}{5}$	$\frac{41}{135}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1$
40046	851	1320	$\frac{3}{40}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_3\ \Phi_1$
40047	851	528	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{48}$	$\frac{10}{33}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{48}^3\ \Phi_{33}\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_3\ \Phi_1$
40048	851	495	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{10}{33}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{55}^2\ \Phi_{45}^3\ \Phi_{33}\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3\ \Phi_1$
40049	851	462	$\frac{1}{11}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{42}^3\ \Phi_{33}\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_3\ \Phi_1$
40050	851	1215	$\frac{4}{45}$	$\frac{41}{405}$	$\frac{1}{5}$	$\frac{364}{1215}$	$\Phi_{1215}\ \Phi_{243}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
40051	851	51	$\frac{5}{51}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{14}{51}$	$\Phi_{51}^{16}\ \Phi_{17}^{18}\ \Phi_3^{16}\ \Phi_1^{19}$
40052	851	1125	$\frac{1}{25}$	$\frac{24}{125}$	$\frac{274}{1125}$	$\frac{101}{375}$	$\Phi_{1125}\ \Phi_{225}\ \Phi_{125}\ \Phi_{45}\ \Phi_9\ \Phi_1$
40053	851	1050	$\frac{11}{210}$	$\frac{199}{1050}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{175}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
40054	851	900	$\frac{49}{900}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
40055	851	960	$\frac{11}{120}$	$\frac{109}{960}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{15}\ \Phi_3\ \Phi_1$
40056	851	945	$\frac{94}{945}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}\ \Phi_{63}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
40057	851	1140	$\frac{4}{95}$	$\frac{1}{5}$	$\frac{91}{380}$	$\frac{289}{1140}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{285}\ \Phi_{228}\ \Phi_{114}\ \Phi_{95}\ \Phi_{60}\ \Phi_{57}\ \Phi_{30}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
40058	851	1080	$\frac{4}{45}$	$\frac{41}{270}$	$\frac{1}{5}$	$\frac{229}{1080}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
40059	851	135	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{8}{45}$	$\frac{1}{5}$	$\Phi_{135}^7\ \Phi_{45}^4\ \Phi_{27}^9\ \Phi_{15}^4\ \Phi_9^5\ \Phi_5^3\ \Phi_3^5\ \Phi_1^5$
40060	852	1272	$\frac{1}{212}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{211}{424}$	$\Phi_{1272}\ \Phi_{424}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
40061	852	705	$\frac{1}{141}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{70}{141}$	$\Phi_{705}\ \Phi_{235}\ \Phi_{141}^2\ \Phi_{47}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
40062	852	564	$\frac{1}{141}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{70}{141}$	$\Phi_{564}^2\ \Phi_{282}^2\ \Phi_{188}^2\ \Phi_{94}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
40063	852	851	$\frac{7}{851}$	$\frac{143}{851}$	$\frac{354}{851}$	$\frac{422}{851}$	$\Phi_{851}\ \Phi_{37}\ \Phi_{23}\ \Phi_1^2$
40064	852	380	$\frac{1}{95}$	$\frac{1}{4}$	$\frac{24}{95}$	$\frac{47}{95}$	$\Phi_{380}^3\ \Phi_{190}^3\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_4^2\ \Phi_2^2$
40065	852	851	$\frac{9}{851}$	$\frac{212}{851}$	$\frac{215}{851}$	$\frac{421}{851}$	$\Phi_{851}\ \Phi_{37}\ \Phi_{23}\ \Phi_1^2$
40066	852	1281	$\frac{5}{427}$	$\frac{72}{427}$	$\frac{1}{3}$	$\frac{211}{427}$	$\Phi_{1281}\ \Phi_{183}\ \Phi_{21}$
40067	852	1540	$\frac{1}{70}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{69}{140}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}^2\ \Phi_{44}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
40068	852	420	$\frac{1}{70}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{69}{140}$	$\Phi_{420}^6\ \Phi_{84}^6\ \Phi_{60}^6\ \Phi_{21}\ \Phi_{12}^6$
40069	852	1540	$\frac{1}{70}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{69}{140}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}^2\ \Phi_{44}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
40070	852	140	$\frac{1}{70}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{69}{140}$	$\Phi_{140}^4\ \Phi_{70}^8\ \Phi_{35}^8\ \Phi_{28}^4\ \Phi_{20}^5\ \Phi_{14}^8\ \Phi_{10}^9\ \Phi_7^8\ \Phi_5^8\ \Phi_4^4\ \Phi_2^8\ \Phi_1^8$
40071	852	732	$\frac{1}{61}$	$\frac{31}{244}$	$\frac{1}{3}$	$\frac{30}{61}$	$\Phi_{732}^2\ \Phi_{366}^2\ \Phi_{183}\ \Phi_{12}^2\ \Phi_6^2$
40072	852	684	$\frac{1}{57}$	$\frac{29}{171}$	$\frac{1}{4}$	$\frac{28}{57}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{38}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
40073	852	407	$\frac{1}{37}$	$\frac{19}{407}$	$\frac{194}{407}$	$\frac{18}{37}$	$\Phi_{407}^{2}\ \Phi_{37}^{3}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
40074	852	138	$\frac{2}{69}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{67}{138}$	$\Phi_{138}^{12}\ \Phi_{46}^{12}\ \Phi_{23}\ \Phi_{6}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{2}$
40075	852	1794	$\frac{2}{69}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{1794}\ \Phi_{598}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
40076	852	138	$\frac{2}{69}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{67}{138}$	$\Phi_{138}^{12}\ \Phi_{46}^{12}\ \Phi_{23}\ \Phi_{6}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{2}$
40077	852	1248	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
40078	852	207	$\frac{1}{23}$	$\frac{4}{69}$	$\frac{65}{207}$	$\frac{11}{23}$	$\Phi_{207}^{6}\ \Phi_{23}\ \Phi_{9}^{6}\ \Phi_{1}^{2}$
40079	852	230	$\frac{1}{23}$	$\frac{17}{230}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{230}^{4}\ \Phi_{115}^{4}\ \Phi_{46}^{4}\ \Phi_{23}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
40080	852	92	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{21}{92}$	$\frac{11}{23}$	$\Phi_{92}^{12}\ \Phi_{46}^{12}\ \Phi_{23}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{2}$
40081	852	161	$\frac{1}{23}$	$\frac{19}{161}$	$\frac{4}{23}$	$\frac{11}{23}$	$\Phi_{161}^{6}\ \Phi_{23}\ \Phi_{7}^{6}\ \Phi_{1}^{2}$
40082	852	1768	$\frac{3}{68}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{1768}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
40083	852	540	$\frac{7}{135}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{64}{135}$	$\Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{180}^{2}\ \Phi_{108}^{2}\ \Phi_{90}^{2}\ \Phi_{60}^{3}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
40084	852	76	$\frac{1}{19}$	$\frac{5}{76}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{76}^{11}\ \Phi_{38}^{11}\ \Phi_{19}^{12}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
40085	852	300	$\frac{4}{75}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{100}^{4}\ \Phi_{60}^{3}\ \Phi_{50}^{4}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
40086	852	532	$\frac{1}{19}$	$\frac{9}{133}$	$\frac{1}{4}$	$\frac{62}{133}$	$\Phi_{532}^{2}\ \Phi_{266}^{2}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
40087	852	1716	$\frac{5}{66}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
40088	852	924	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{61}{132}$	$\Phi_{924}^{2}\ \Phi_{308}^{2}\ \Phi_{84}^{2}\ \Phi_{77}\ \Phi_{28}^{2}$
40089	852	546	$\frac{1}{13}$	$\frac{7}{78}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{546}^{2}\ \Phi_{273}^{2}\ \Phi_{182}^{2}\ \Phi_{91}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}$
40090	852	1155	$\frac{1}{35}$	$\frac{1}{11}$	$\frac{34}{105}$	$\frac{5}{11}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}^{2}\ \Phi_{33}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
40091	852	825	$\frac{4}{75}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{165}\ \Phi_{75}^{2}\ \Phi_{33}\ \Phi_{25}^{2}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
40092	852	924	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{84}$	$\frac{5}{11}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{132}\ \Phi_{84}^{2}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}^{2}\ \Phi_{33}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
40093	852	77	$\frac{6}{77}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{77}^{11}\ \Phi_{11}^{12}\ \Phi_{7}^{10}\ \Phi_{1}^{12}$
40094	852	880	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{5}{11}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}\ \Phi_{88}\ \Phi_{80}^{2}\ \Phi_{44}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
40095	852	910	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{7}$	$\frac{59}{130}$	$\Phi_{910}^{2}\ \Phi_{182}^{2}\ \Phi_{91}\ \Phi_{70}^{2}\ \Phi_{14}^{2}$
40096	852	259	$\frac{1}{37}$	$\frac{25}{259}$	$\frac{12}{37}$	$\frac{117}{259}$	$\Phi_{259}^{3}\ \Phi_{37}^{5}\ \Phi_{7}^{3}\ \Phi_{1}^{6}$
40097	852	1664	$\frac{1}{13}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{1664}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
40098	852	296	$\frac{1}{37}$	$\frac{9}{74}$	$\frac{83}{296}$	$\frac{65}{148}$	$\Phi_{296}^{4}\ \Phi_{74}^{4}\ \Phi_{37}^{3}\ \Phi_{8}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
40099	852	1040	$\frac{1}{13}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
40100	852	1638	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{1638}\ \Phi_{546}\ \Phi_{234}\ \Phi_{182}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
40101	852	74	$\frac{3}{74}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{74}^{12}\ \Phi_{37}^{11}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
40102	852	651	$\frac{4}{217}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{651}^{2}\ \Phi_{93}^{2}\ \Phi_{21}$
40103	852	370	$\frac{1}{37}$	$\frac{28}{185}$	$\frac{9}{37}$	$\frac{157}{370}$	$\Phi_{370}^{4}\ \Phi_{74}^{4}\ \Phi_{37}^{3}\ \Phi_{10}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
40104	852	366	$\frac{1}{61}$	$\frac{10}{61}$	$\frac{1}{3}$	$\frac{51}{122}$	$\Phi_{366}^{6}\ \Phi_{183}\ \Phi_{6}^{6}$
40105	852	1560	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
40106	852	360	$\frac{1}{72}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{72}^{4}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{4}\ \Phi_{36}^{4}\ \Phi_{30}^{2}\ \Phi_{24}^{4}\ \Phi_{20}^{2}\ \Phi_{18}^{4}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{10}^{2}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
40107	852	580	$\frac{3}{145}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{580}^{2}\ \Phi_{290}^{2}\ \Phi_{116}^{2}\ \Phi_{58}^{2}\ \Phi_{20}\ \Phi_{10}$
40108	852	470	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{23}{94}$	$\frac{2}{5}$	$\Phi_{470}^{2}\ \Phi_{235}\ \Phi_{94}^{4}\ \Phi_{47}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
40109	852	936	$\frac{1}{72}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
40110	852	228	$\frac{1}{57}$	$\frac{14}{57}$	$\frac{1}{4}$	$\frac{43}{114}$	$\Phi_{228}^5\ \Phi_{114}\ \Phi_{76}^5\ \Phi_{57}^4\ \Phi_{38}\ \Phi_{19}^4\ \Phi_{12}^5\ \Phi_6\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
40111	852	111	$\frac{1}{37}$	$\frac{6}{37}$	$\frac{31}{111}$	$\frac{40}{111}$	$\Phi_{111}^6\ \Phi_{37}^{11}\ \Phi_3^6\ \Phi_1^{12}$
40112	852	74	$\frac{3}{74}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{74}^{12}\ \Phi_{37}^{11}\ \Phi_2^{12}\ \Phi_1^{12}$
40113	852	1404	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{1404}\ \Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
40114	852	851	$\frac{8}{851}$	$\frac{281}{851}$	$\frac{283}{851}$	$\frac{285}{851}$	$\Phi_{851}\ \Phi_{37}\ \Phi_{23}\ \Phi_1^2$
40115	852	1281	$\frac{4}{427}$	$\frac{141}{427}$	$\frac{1}{3}$	$\frac{143}{427}$	$\Phi_{1281}\ \Phi_{183}\ \Phi_{21}$
40116	852	318	$\frac{1}{106}$	$\frac{35}{106}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{318}^2\ \Phi_{159}^2\ \Phi_{106}^4\ \Phi_{53}^4\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
40117	852	72	$\frac{1}{72}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{72}^{12}\ \Phi_{36}^{12}\ \Phi_{24}^{12}\ \Phi_{18}^{12}\ \Phi_{12}^{11}\ \Phi_9^{12}\ \Phi_8^{12}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
40118	852	795	$\frac{1}{53}$	$\frac{52}{265}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{795}\ \Phi_{265}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
40119	852	1692	$\frac{2}{141}$	$\frac{1}{4}$	$\frac{139}{423}$	$\frac{1}{3}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
40120	852	183	$\frac{1}{61}$	$\frac{41}{183}$	$\frac{20}{61}$	$\frac{1}{3}$	$\Phi_{183}^4\ \Phi_{61}^6\ \Phi_3^3\ \Phi_1^6$
40121	852	105	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{34}{105}$	$\frac{1}{3}$	$\Phi_{105}^6\ \Phi_{35}^{12}\ \Phi_{21}^7\ \Phi_{15}^6\ \Phi_7^{12}\ \Phi_5^{12}\ \Phi_3^6\ \Phi_1^{12}$
40122	852	147	$\frac{5}{147}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{147}^6\ \Phi_{49}^6\ \Phi_{21}^4\ \Phi_7^6\ \Phi_3^3\ \Phi_1^6$
40123	852	564	$\frac{1}{47}$	$\frac{23}{94}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{564}^3\ \Phi_{282}\ \Phi_{141}^2\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
40124	852	840	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{67}{280}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2$
40125	852	672	$\frac{11}{224}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2$
40126	852	525	$\frac{4}{75}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_7^2$
40127	852	525	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{33}{175}$	$\frac{1}{3}$	$\Phi_{525}^3\ \Phi_{75}^3\ \Phi_{21}$
40128	852	1365	$\frac{29}{455}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{273}\ \Phi_{195}\ \Phi_{39}\ \Phi_{21}$
40129	852	84	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{84}$	$\frac{1}{3}$	$\Phi_{84}^{12}\ \Phi_{42}^6\ \Phi_{28}^{12}\ \Phi_{21}^7\ \Phi_{14}^{12}\ \Phi_{12}^{12}\ \Phi_7^{12}\ \Phi_6^6\ \Phi_4^{12}\ \Phi_3^6\ \Phi_2^{12}\ \Phi_1^{12}$
40130	852	231	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{231}^6\ \Phi_{33}^6\ \Phi_{21}$
40131	852	735	$\frac{3}{35}$	$\frac{32}{245}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{735}^2\ \Phi_{147}^2\ \Phi_{21}$
40132	852	1680	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{21}$
40133	852	1155	$\frac{1}{35}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{34}{105}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}^2\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
40134	852	420	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{34}{105}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{84}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{20}\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^4$
40135	852	207	$\frac{4}{69}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{65}{207}$	$\Phi_{207}^6\ \Phi_{23}\ \Phi_9^6\ \Phi_1^2$
40136	852	1260	$\frac{1}{15}$	$\frac{31}{315}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}$ $\Phi_{30}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
40137	852	1155	$\frac{1}{11}$	$\frac{23}{165}$	$\frac{1}{7}$	$\frac{10}{33}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{105}\ \Phi_{77}\ \Phi_{35}$
40138	852	1620	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{4}$	$\frac{121}{405}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{324}\ \Phi_{162}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
40139	852	1596	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{1}{4}$	$\frac{115}{399}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{228}\ \Phi_{114}\ \Phi_{84}\ \Phi_{76}\ \Phi_{42}\ \Phi_{38}\ \Phi_{12}\ \Phi_6$
40140	852	693	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{33}$	$\frac{28}{99}$	$\Phi_{693}^2\ \Phi_{77}\ \Phi_{63}^2$
40141	852	825	$\frac{4}{75}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{165}\ \Phi_{75}^2\ \Phi_{33}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
40142	852	924	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{21}^2$ $\Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
40143	852	77	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{77}^{11}\ \Phi_{11}^{12}\ \Phi_7^{10}\ \Phi_1^{12}$
40144	852	880	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}\ \Phi_{88}\ \Phi_{80}^2\ \Phi_{44}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2$ $\Phi_4^2\ \Phi_1^2$
40145	852	1365	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{12}{65}$	$\frac{53}{195}$	$\Phi_{1365}\ \Phi_{273}\ \Phi_{105}\ \Phi_{91}\ \Phi_{21}$
40146	852	74	$\frac{3}{74}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{74}^{12}\ \Phi_{37}^{11}\ \Phi_2^{12}\ \Phi_1^{12}$
40147	852	1248	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
40148	852	180	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{19}{90}$	$\frac{1}{4}$	$\Phi_{180}^{6}\ \Phi_{90}^{2}\ \Phi_{60}^{7}\ \Phi_{45}^{4}\ \Phi_{36}^{6}\ \Phi_{30}^{3}\ \Phi_{20}^{7}\ \Phi_{18}^{2}\ \Phi_{15}^{4}\ \Phi_{12}^{7}\ \Phi_{10}^{3}\ \Phi_{9}^{4}\ \Phi_{6}^{3}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
40149	852	76	$\frac{5}{76}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{76}^{11}\ \Phi_{38}^{11}\ \Phi_{19}^{12}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
40150	852	300	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{100}^{4}\ \Phi_{60}^{4}\ \Phi_{50}^{4}\ \Phi_{30}^{4}\ \Phi_{20}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{6}^{4}$
40151	852	700	$\frac{2}{35}$	$\frac{33}{175}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{700}^{2}\ \Phi_{350}^{2}\ \Phi_{100}^{2}\ \Phi_{50}^{2}\ \Phi_{20}\ \Phi_{10}$
40152	852	420	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}\ \Phi_{105}^{3}\ \Phi_{70}^{2}\ \Phi_{60}^{3}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
40153	852	1540	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{220}\ \Phi_{110}\ \Phi_{20}\ \Phi_{10}$
40154	852	1260	$\frac{31}{315}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
40155	852	80	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{80}^{12}\ \Phi_{40}^{12}\ \Phi_{20}^{5}\ \Phi_{16}^{12}\ \Phi_{10}^{9}\ \Phi_{8}^{12}\ \Phi_{5}^{8}\ \Phi_{4}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
40156	852	92	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{21}{92}$	$\Phi_{92}^{12}\ \Phi_{46}^{12}\ \Phi_{23}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{2}$
40157	852	616	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{17}{88}$	$\frac{5}{22}$	$\Phi_{616}^{2}\ \Phi_{308}^{2}\ \Phi_{77}\ \Phi_{56}^{2}\ \Phi_{28}^{2}$
40158	852	161	$\frac{19}{161}$	$\frac{3}{23}$	$\frac{4}{23}$	$\frac{5}{23}$	$\Phi_{161}^{6}\ \Phi_{23}\ \Phi_{7}^{6}\ \Phi_{1}^{2}$
40159	853	1696	$\frac{5}{848}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{843}{1696}$	$\Phi_{1696}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
40160	853	1140	$\frac{2}{285}$	$\frac{287}{1140}$	$\frac{1}{3}$	$\frac{283}{570}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
40161	853	1692	$\frac{7}{846}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{839}{1692}$	$\Phi_{1692}\ \Phi_{564}\ \Phi_{188}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
40162	853	1026	$\frac{2}{171}$	$\frac{173}{1026}$	$\frac{1}{3}$	$\frac{169}{342}$	$\Phi_{1026}\ \Phi_{513}\ \Phi_{171}\ \Phi_{57}\ \Phi_{54}\ \Phi_{27}\ \Phi_{19}\ \Phi_{9}\ \Phi_{1}$
40163	853	1680	$\frac{13}{840}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{827}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{80}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
40164	853	1680	$\frac{13}{840}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{827}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
40165	853	1656	$\frac{25}{828}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{803}{1656}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{184}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
40166	853	912	$\frac{2}{57}$	$\frac{59}{912}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{24}\ \Phi_{19}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
40167	853	1152	$\frac{11}{288}$	$\frac{1}{12}$	$\frac{299}{1152}$	$\frac{277}{576}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
40168	853	900	$\frac{2}{45}$	$\frac{47}{900}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
40169	853	1632	$\frac{37}{816}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{779}{1632}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
40170	853	1620	$\frac{2}{45}$	$\frac{43}{810}$	$\frac{1}{3}$	$\frac{767}{1620}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{324}\ \Phi_{180}\ \Phi_{108}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
40171	853	936	$\frac{5}{78}$	$\frac{83}{936}$	$\frac{1}{6}$	$\frac{73}{156}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{24}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
40172	853	1596	$\frac{2}{57}$	$\frac{55}{798}$	$\frac{1}{3}$	$\frac{743}{1596}$	$\Phi_{1596}\ \Phi_{532}\ \Phi_{228}\ \Phi_{84}\ \Phi_{76}\ \Phi_{57}\ \Phi_{28}\ \Phi_{19}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
40173	853	924	$\frac{5}{66}$	$\frac{71}{924}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
40174	853	1584	$\frac{5}{66}$	$\frac{61}{792}$	$\frac{1}{6}$	$\frac{731}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
40175	853	1584	$\frac{61}{792}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{731}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
40176	853	1008	$\frac{13}{168}$	$\frac{1}{12}$	$\frac{155}{1008}$	$\frac{11}{24}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
40177	853	960	$\frac{1}{12}$	$\frac{13}{120}$	$\frac{107}{960}$	$\frac{11}{24}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
40178	853	1560	$\frac{5}{78}$	$\frac{73}{780}$	$\frac{1}{6}$	$\frac{707}{1560}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{40}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
40179	853	1536	$\frac{1}{12}$	$\frac{85}{768}$	$\frac{11}{96}$	$\frac{683}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
40180	853	960	$\frac{1}{12}$	$\frac{107}{960}$	$\frac{11}{96}$	$\frac{85}{192}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
40181	853	1512	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{756}$	$\frac{659}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{168}\ \Phi_{108}\ \Phi_{72}\ \Phi_{56}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
40182	853	870	$\frac{17}{870}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}\ \Phi_{174}\ \Phi_{145}\ \Phi_{87}\ \Phi_{58}\ \Phi_{29}\ \Phi_{15}\ \Phi_5\ \Phi_1$
40183	853	1440	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{133}{720}$	$\frac{587}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
40184	853	864	$\frac{11}{864}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
40185	853	1368	$\frac{2}{171}$	$\frac{169}{684}$	$\frac{1}{3}$	$\frac{515}{1368}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{171}\ \Phi_{152}\ \Phi_{72}\ \Phi_{57}\ \Phi_{24}\ \Phi_{19}\ \Phi_9\ \Phi_8\ \Phi_1$
40186	853	1272	$\frac{5}{424}$	$\frac{1}{4}$	$\frac{419}{1272}$	$\frac{3}{8}$	$\Phi_{1272}\ \Phi_{636}\ \Phi_{318}\ \Phi_{159}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
40187	853	864	$\frac{11}{864}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
40188	853	1296	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{205}{648}$	$\frac{443}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
40189	853	1269	$\frac{7}{423}$	$\frac{2}{9}$	$\frac{416}{1269}$	$\frac{1}{3}$	$\Phi_{1269}\ \Phi_{27}\ \Phi_9\ \Phi_1$
40190	853	1260	$\frac{13}{420}$	$\frac{2}{15}$	$\frac{407}{1260}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
40191	853	945	$\frac{2}{45}$	$\frac{92}{945}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_1$
40192	853	1215	$\frac{2}{45}$	$\frac{43}{405}$	$\frac{362}{1215}$	$\frac{1}{3}$	$\Phi_{1215}\ \Phi_{243}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
40193	853	1197	$\frac{2}{57}$	$\frac{55}{399}$	$\frac{344}{1197}$	$\frac{1}{3}$	$\Phi_{1197}\ \Phi_{171}\ \Phi_{63}\ \Phi_{57}\ \Phi_{19}\ \Phi_9\ \Phi_1$
40194	853	900	$\frac{47}{900}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
40195	853	1080	$\frac{2}{45}$	$\frac{43}{270}$	$\frac{227}{1080}$	$\frac{1}{3}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
40196	853	1050	$\frac{13}{210}$	$\frac{2}{15}$	$\frac{197}{1050}$	$\frac{1}{3}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{175}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_1$
40197	853	945	$\frac{92}{945}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}\ \Phi_{63}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
40198	853	960	$\frac{13}{120}$	$\frac{107}{960}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{15}\ \Phi_5\ \Phi_1$
40199	853	990	$\frac{5}{66}$	$\frac{137}{990}$	$\frac{1}{6}$	$\frac{61}{198}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}\ \Phi_{66}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
40200	853	1188	$\frac{5}{66}$	$\frac{61}{396}$	$\frac{1}{6}$	$\frac{335}{1188}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{108}\ \Phi_{66}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
40201	853	1170	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{73}{390}$	$\frac{317}{1170}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{234}\ \Phi_{117}\ \Phi_{90}\ \Phi_{78}\ \Phi_{45}\ \Phi_{39}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_1$
40202	853	1152	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{85}{384}$	$\frac{299}{1152}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
40203	853	1056	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{203}{1056}$	$\frac{61}{264}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{176}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
40204	854	2544	$\frac{3}{424}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{421}{848}$	$\Phi_{2544}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
40205	854	1452	$\frac{1}{121}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{60}{121}$	$\Phi_{1452}\ \Phi_{484}\ \Phi_{132}\ \Phi_{121}\ \Phi_{44}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
40206	854	1089	$\frac{1}{121}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{60}{121}$	$\Phi_{1089}\ \Phi_{121}\ \Phi_{99}\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
40207	854	1560	$\frac{1}{60}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{59}{120}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{120}^2\ \Phi_{104}\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
40208	854	120	$\frac{1}{60}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{59}{120}$	$\Phi_{120}^6\ \Phi_{60}^8\ \Phi_{40}^6\ \Phi_{30}^8\ \Phi_{24}^7\ \Phi_{20}^8\ \Phi_{15}^8\ \Phi_{12}^9\ \Phi_{10}^8\ \Phi_8^6\ \Phi_6^9\ \Phi_5^8\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
40209	854	328	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{21}{82}$	$\frac{20}{41}$	$\Phi_{328}^3\ \Phi_{164}^3\ \Phi_{82}\ \Phi_{41}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
40210	854	819	$\frac{2}{63}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{117}\ \Phi_{91}\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_7^2\ \Phi_1^2$
40211	854	1170	$\frac{1}{30}$	$\frac{1}{13}$	$\frac{29}{90}$	$\frac{6}{13}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{234}\ \Phi_{117}\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_1^2$
40212	854	832	$\frac{3}{64}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
40213	854	1040	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{19}{80}$	$\frac{6}{13}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{208}\ \Phi_{104}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
40214	854	65	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{65}^{13}\ \Phi_{13}^{14}\ \Phi_5^{12}\ \Phi_1^{14}$
40215	854	975	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{14}{75}$	$\frac{6}{13}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{13}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
40216	854	858	$\frac{5}{66}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{858}\ \Phi_{429}\ \Phi_{286}\ \Phi_{143}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{13}\ \Phi_{11}^2\ \Phi_1^2$
40217	854	936	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{6}{13}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_8^2\ \Phi_1^2$
40218	854	910	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{6}{13}$	$\Phi_{910}\ \Phi_{455}\ \Phi_{182}\ \Phi_{91}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_1^2$
40219	854	372	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{372}^4\ \Phi_{186}\ \Phi_{124}^4\ \Phi_{93}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
40220	854	132	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{132}^{11}\ \Phi_{66}^2\ \Phi_{44}^{11}\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{12}^{12}\ \Phi_{11}\ \Phi_6^2\ \Phi_4^{12}\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
40221	854	310	$\frac{1}{62}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{310}^3\ \Phi_{155}^3\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_1^2$
40222	854	432	$\frac{5}{432}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
40223	854	642	$\frac{1}{107}$	$\frac{106}{321}$	$\frac{1}{3}$	$\frac{215}{642}$	$\Phi_{642}^2\ \Phi_{321}\ \Phi_{214}^2\ \Phi_6^2\ \Phi_2^2$
40224	854	558	$\frac{1}{62}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{558}^2\ \Phi_{279}^2\ \Phi_{186}\ \Phi_{93}\ \Phi_{18}^2\ \Phi_6$
40225	854	504	$\frac{2}{63}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_6$
40226	854	636	$\frac{3}{212}$	$\frac{1}{4}$	$\frac{209}{636}$	$\frac{1}{3}$	$\Phi_{636}\ \Phi_{318}\ \Phi_{212}^2\ \Phi_{159}\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
40227	854	360	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{29}{90}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{90}^2\ \Phi_{72}^4\ \Phi_{45}^2\ \Phi_{36}^4\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
40228	854	192	$\frac{3}{64}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{192}^7\ \Phi_{96}^7\ \Phi_{48}^7\ \Phi_{24}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
40229	854	240	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{19}{80}$	$\frac{1}{3}$	$\Phi_{240}^7\ \Phi_{120}^3\ \Phi_{60}^4\ \Phi_{48}^7\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
40230	854	198	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{198}^6\ \Phi_{99}^5\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^6\ \Phi_{11}\ \Phi_9^6\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
40231	854	1560	$\frac{4}{65}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
40232	854	600	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{14}{75}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
40233	854	264	$\frac{5}{66}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{264}^4\ \Phi_{132}^4\ \Phi_{88}^4\ \Phi_{66}^2\ \Phi_{44}^4\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_6$
40234	854	72	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{72}$	$\frac{1}{3}$	$\Phi_{72}^{14}\ \Phi_{36}^{14}\ \Phi_{24}^7\ \Phi_{18}^{14}\ \Phi_{12}^9\ \Phi_9^{14}\ \Phi_8^6\ \Phi_6^9\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
40235	854	1080	$\frac{13}{135}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
40236	854	840	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{70}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
40237	854	70	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{7}$	$\frac{3}{10}$	$\Phi_{70}^{12}\ \Phi_{35}^{12}\ \Phi_{14}^{12}\ \Phi_{10}^{14}\ \Phi_7^{11}\ \Phi_5^{14}\ \Phi_2^{14}\ \Phi_1^{14}$
40238	855	680	$\frac{1}{170}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{169}{340}$	$\Phi_{680}^2\ \Phi_{340}\ \Phi_{136}^2\ \Phi_{68}\ \Phi_{40}^2\ \Phi_{20}\ \Phi_8^3\ \Phi_4\ \Phi_1$
40239	855	488	$\frac{1}{122}$	$\frac{41}{244}$	$\frac{203}{488}$	$\frac{121}{244}$	$\Phi_{488}^3\ \Phi_{244}\ \Phi_8^3\ \Phi_4\ \Phi_1$
40240	855	752	$\frac{1}{94}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{93}{188}$	$\Phi_{752}^2\ \Phi_{188}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
40241	855	188	$\frac{1}{94}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{93}{188}$	$\Phi_{188}^5\ \Phi_{94}^4\ \Phi_{47}^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
40242	855	112	$\frac{1}{56}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{55}{112}$	$\Phi_{112}^{15}\ \Phi_{28}\ \Phi_{16}^{15}\ \Phi_4\ \Phi_1$
40243	855	112	$\frac{1}{56}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{55}{112}$	$\Phi_{112}^{15}\ \Phi_{16}^{15}\ \Phi_7^2\ \Phi_1^3$
40244	855	336	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{55}{112}$	$\Phi_{336}^6\ \Phi_{112}^3\ \Phi_{48}^6\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
40245	855	1148	$\frac{6}{287}$	$\frac{1}{7}$	$\frac{293}{1148}$	$\frac{281}{574}$	$\Phi_{1148}\ \Phi_{287}\ \Phi_{164}\ \Phi_{41}\ \Phi_{28}\ \Phi_4\ \Phi_1$
40246	855	930	$\frac{2}{93}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{91}{186}$	$\Phi_{930}\ \Phi_{465}\ \Phi_{310}\ \Phi_{155}\ \Phi_{93}\ \Phi_{31}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
40247	855	792	$\frac{1}{44}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{43}{88}$	$\Phi_{792}^2\ \Phi_{264}^2\ \Phi_{88}^3\ \Phi_{72}^2\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
40248	855	1848	$\frac{1}{44}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{168}\ \Phi_{88}\ \Phi_{56}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$
40249	855	2376	$\frac{1}{44}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{43}{88}$	$\Phi_{2376}\ \Phi_{216}\ \Phi_{88}\ \Phi_{27}\ \Phi_8\ \Phi_1$
40250	855	264	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{43}{88}$	$\Phi_{264}^2\ \Phi_{132}^4\ \Phi_{88}^3\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{33}^4\ \Phi_{24}^3\ \Phi_{22}^4\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
40251	855	640	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{640}^2\ \Phi_{160}^2\ \Phi_{128}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{32}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
40252	855	920	$\frac{3}{92}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{89}{184}$	$\Phi_{920}^2\ \Phi_{184}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
40253	855	220	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{53}{110}$	$\Phi_{220}^5\ \Phi_{55}^5\ \Phi_{44}^6\ \Phi_{22}\ \Phi_{20}^5\ \Phi_{11}^5\ \Phi_5^5\ \Phi_4^5\ \Phi_1^5$
40254	855	104	$\frac{1}{26}$	$\frac{9}{104}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{104}^9\ \Phi_{52}^8\ \Phi_{26}^7\ \Phi_{13}^7\ \Phi_8^9\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
40255	855	364	$\frac{4}{91}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{87}{182}$	$\Phi_{364}^3\ \Phi_{91}^3\ \Phi_{52}^4\ \Phi_{28}^3\ \Phi_{26}\ \Phi_{13}^3\ \Phi_7^3\ \Phi_4^3\ \Phi_1^3$
40256	855	308	$\frac{1}{22}$	$\frac{23}{308}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{308}^3\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{44}^2\ \Phi_{28}^3\ \Phi_{22}\ \Phi_{14}^3\ \Phi_{11}\ \Phi_7^3\ \Phi_4\ \Phi_1$
40257	855	396	$\frac{1}{22}$	$\frac{1}{18}$	$\frac{7}{22}$	$\frac{17}{36}$	$\Phi_{396}^4\ \Phi_{132}^4\ \Phi_{44}^4\ \Phi_{36}^5\ \Phi_{22}^2\ \Phi_{12}^5\ \Phi_{11}^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
40258	855	144	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{144}^6\ \Phi_{72}^6\ \Phi_{48}^6\ \Phi_{36}^5\ \Phi_{24}^6\ \Phi_{18}^4\ \Phi_{16}^9\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^9\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
40259	855	396	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{17}{36}$	$\Phi_{396}^4\ \Phi_{132}^4\ \Phi_{44}^4\ \Phi_{36}^5\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_4^5\ \Phi_1^5$
40260	855	180	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{180}^{10}\ \Phi_{60}^{10}\ \Phi_{36}^5\ \Phi_{30}^2\ \Phi_{20}^{10}\ \Phi_{15}^2\ \Phi_{12}^5\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4^5\ \Phi_3\ \Phi_1$
40261	855	28	$\frac{1}{28}$	$\frac{1}{14}$	$\frac{9}{28}$	$\frac{13}{28}$	$\Phi_{28}^{31}\ \Phi_{14}^{30}\ \Phi_7^{30}\ \Phi_4^{31}\ \Phi_2^{30}\ \Phi_1^{31}$
40262	855	896	$\frac{41}{896}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{64}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_4\ \Phi_1$
40263	855	140	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{140}^6\ \Phi_{70}^6\ \Phi_{35}^6\ \Phi_{28}^5\ \Phi_{20}^9\ \Phi_{14}^4\ \Phi_{10}^9\ \Phi_7^4\ \Phi_5^9\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
40264	855	224	$\frac{3}{56}$	$\frac{1}{14}$	$\frac{53}{224}$	$\frac{13}{28}$	$\Phi_{224}^5\ \Phi_{112}^5\ \Phi_{32}^5\ \Phi_{28}\ \Phi_{16}^5\ \Phi_4\ \Phi_1$
40265	855	140	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{13}{28}$	$\Phi_{140}^{14}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}^{14}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
40266	855	308	$\frac{1}{14}$	$\frac{23}{308}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{308}^3\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{44}^3\ \Phi_{28}\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_4\ \Phi_1$
40267	855	112	$\frac{1}{14}$	$\frac{5}{56}$	$\frac{17}{112}$	$\frac{13}{28}$	$\Phi_{112}^9\ \Phi_{56}^6\ \Phi_{28}^7\ \Phi_{16}^9\ \Phi_{14}^6\ \Phi_8^6\ \Phi_7^6\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
40268	855	84	$\frac{1}{14}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{84}^{21}\ \Phi_{28}^{15}\ \Phi_{21}^3\ \Phi_{12}^{21}\ \Phi_7^2\ \Phi_4^{15}\ \Phi_3^3\ \Phi_1^3$
40269	855	196	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{25}{196}$	$\frac{13}{28}$	$\Phi_{196}^5\ \Phi_{98}^5\ \Phi_{49}^5\ \Phi_{28}\ \Phi_4\ \Phi_1$
40270	855	448	$\frac{1}{14}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{13}{28}$	$\Phi_{448}^2\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{28}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
40271	855	176	$\frac{1}{22}$	$\frac{7}{88}$	$\frac{1}{4}$	$\frac{81}{176}$	$\Phi_{176}^9\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{16}^9\ \Phi_{11}\ \Phi_4\ \Phi_1$
40272	855	880	$\frac{7}{88}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{81}{176}$	$\Phi_{880}^2\ \Phi_{176}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
40273	855	104	$\frac{1}{26}$	$\frac{5}{52}$	$\frac{1}{4}$	$\frac{47}{104}$	$\Phi_{104}^{15}\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{13}\ \Phi_8^{15}\ \Phi_4\ \Phi_1$
40274	855	2256	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{46}{141}$	$\frac{7}{16}$	$\Phi_{2256}\ \Phi_{141}\ \Phi_{48}\ \Phi_{16}\ \Phi_3\ \Phi_1$
40275	855	752	$\frac{2}{47}$	$\frac{1}{8}$	$\frac{9}{47}$	$\frac{7}{16}$	$\Phi_{752}^2\ \Phi_{47}^2\ \Phi_{16}^3\ \Phi_1^3$
40276	855	240	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{240}^8\ \Phi_{80}^4\ \Phi_{60}^2\ \Phi_{48}^6\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
40277	855	840	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{84}$	$\frac{73}{168}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
40278	855	175	$\frac{4}{175}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{175}^5\ \Phi_{35}^5\ \Phi_{25}^5\ \Phi_7^2\ \Phi_5^5\ \Phi_1^3$
40279	855	147	$\frac{4}{49}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{147}^7\ \Phi_{49}^5\ \Phi_{21}^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
40280	855	61	$\frac{4}{61}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{26}{61}$	$\Phi_{61}^{14}\ \Phi_1^{15}$
40281	855	488	$\frac{1}{61}$	$\frac{41}{244}$	$\frac{20}{61}$	$\frac{203}{488}$	$\Phi_{488}^3\ \Phi_{61}^2\ \Phi_8^3\ \Phi_1^3$
40282	855	61	$\frac{4}{61}$	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{25}{61}$	$\Phi_{61}^{14}\ \Phi_1^{15}$
40283	855	736	$\frac{1}{46}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{736}^2\ \Phi_{92}^2\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_4\ \Phi_1$
40284	855	160	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{160}^{10}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{32}^5\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
40285	855	244	$\frac{1}{61}$	$\frac{12}{61}$	$\frac{73}{244}$	$\frac{49}{122}$	$\Phi_{244}^5\ \Phi_{61}^4\ \Phi_4^5\ \Phi_1^5$
40286	855	680	$\frac{1}{85}$	$\frac{1}{4}$	$\frac{28}{85}$	$\frac{3}{8}$	$\Phi_{680}^2\ \Phi_{136}^2\ \Phi_{85}^2\ \Phi_{40}^2\ \Phi_{17}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_1^3$
40287	855	232	$\frac{1}{58}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{232}^6\ \Phi_{116}^2\ \Phi_{58}\ \Phi_{29}\ \Phi_8^3\ \Phi_4\ \Phi_1$
40288	855	552	$\frac{1}{46}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
40289	855	1400	$\frac{4}{175}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1400}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{56}\ \Phi_{35}\ \Phi_{25}\ \Phi_8\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
40290	855	528	$\frac{5}{176}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}\ \Phi_{132}^2\ \Phi_{88}\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
40291	855	136	$\frac{1}{34}$	$\frac{11}{68}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{136}^{10}\ \Phi_{68}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_8^{11}\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
40292	855	680	$\frac{4}{85}$	$\frac{9}{85}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{680}^2\ \Phi_{136}^2\ \Phi_{85}^2\ \Phi_{40}^2\ \Phi_{17}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_1^3$
40293	855	40	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{40}^{34}\ \Phi_{20}^9\ \Phi_{10}^8\ \Phi_8^{35}\ \Phi_5^8\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
40294	855	1496	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1496}\ \Phi_{187}\ \Phi_{88}\ \Phi_{11}\ \Phi_8\ \Phi_1$
40295	855	690	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{690}\ \Phi_{345}\ \Phi_{230}^2\ \Phi_{138}\ \Phi_{115}^2\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$
40296	855	98	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{98}^9\ \Phi_{49}^9\ \Phi_{14}^6\ \Phi_7^8\ \Phi_2^6\ \Phi_1^9$
40297	855	720	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{23}{72}$	$\frac{49}{144}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{144}\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
40298	855	258	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{14}{43}$	$\frac{29}{86}$	$\Phi_{258}^4\ \Phi_{129}^4\ \Phi_{86}\ \Phi_{43}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
40299	855	122	$\frac{1}{61}$	$\frac{27}{122}$	$\frac{20}{61}$	$\frac{41}{122}$	$\Phi_{122}^6\ \Phi_{61}^8\ \Phi_2^6\ \Phi_1^9$
40300	855	427	$\frac{4}{427}$	$\frac{141}{427}$	$\frac{142}{427}$	$\frac{143}{427}$	$\Phi_{427}^2\ \Phi_{61}^2\ \Phi_7^2\ \Phi_1^3$
40301	855	462	$\frac{1}{22}$	$\frac{2}{21}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{42}^2\ \Phi_{22}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_7^3\ \Phi_2^2\ \Phi_1^3$
40302	855	336	$\frac{1}{16}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}^2\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
40303	855	231	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{231}^4\ \Phi_{77}^4\ \Phi_{21}^5\ \Phi_{11}^4\ \Phi_7^5\ \Phi_1^5$
40304	855	210	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{210}^5\ \Phi_{105}^5\ \Phi_{70}^5\ \Phi_{42}^2\ \Phi_{35}^5\ \Phi_{30}^2\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}\ \Phi_7^3\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
40305	855	564	$\frac{1}{47}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{46}{141}$	$\Phi_{564}^2\ \Phi_{282}^2\ \Phi_{141}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
40306	855	28	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{9}{28}$	$\Phi_{28}^{30}\ \Phi_{14}^{30}\ \Phi_7^{32}\ \Phi_4^{30}\ \Phi_2^{30}\ \Phi_1^{33}$
40307	855	84	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{9}{28}$	$\Phi_{84}^{12}\ \Phi_{42}^{12}\ \Phi_{28}^6\ \Phi_{21}^{12}\ \Phi_{14}^6\ \Phi_{12}^{14}\ \Phi_7^6\ \Phi_6^{13}\ \Phi_4^7\ \Phi_3^{13}\ \Phi_2^6\ \Phi_1^7$
40308	855	427	$\frac{16}{427}$	$\frac{58}{427}$	$\frac{123}{427}$	$\frac{137}{427}$	$\Phi_{427}^2\ \Phi_{61}^2\ \Phi_7^2\ \Phi_1^3$
40309	855	516	$\frac{7}{172}$	$\frac{1}{6}$	$\frac{39}{172}$	$\frac{55}{172}$	$\Phi_{516}^2\ \Phi_{258}^2\ \Phi_{172}\ \Phi_{129}^2\ \Phi_{86}\ \Phi_{43}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
40310	855	427	$\frac{19}{427}$	$\frac{66}{427}$	$\frac{97}{427}$	$\frac{136}{427}$	$\Phi_{427}^2\ \Phi_{61}^2\ \Phi_7^2\ \Phi_1^3$
40311	855	594	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{7}{22}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{54}^2\ \Phi_{27}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_2^2\ \Phi_1^3$
40312	855	44	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{1}{4}$	$\frac{7}{22}$	$\Phi_{44}^{26}\ \Phi_{22}^{13}\ \Phi_{11}^{13}\ \Phi_4^{25}\ \Phi_2^{12}\ \Phi_1^{13}$
40313	855	264	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{7}{22}$	$\Phi_{264}^4\ \Phi_{132}^4\ \Phi_{88}^4\ \Phi_{44}^4\ \Phi_{24}^5\ \Phi_{22}^2\ \Phi_{12}^5\ \Phi_{11}^2\ \Phi_8^5\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
40314	855	104	$\frac{1}{13}$	$\frac{9}{104}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{104}^9\ \Phi_{52}^7\ \Phi_{26}^7\ \Phi_{13}^9\ \Phi_8^9\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
40315	855	432	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
40316	855	297	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{8}{27}$	$\Phi_{297}^4\ \Phi_{27}^5\ \Phi_{11}^4\ \Phi_1^5$
40317	855	270	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{270}^5\ \Phi_{135}^5\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{27}^3\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
40318	855	140	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{140}^6\ \Phi_{70}^6\ \Phi_{35}^6\ \Phi_{28}^4\ \Phi_{20}^9\ \Phi_{14}^4\ \Phi_{10}^9\ \Phi_7^6\ \Phi_5^9\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
40319	855	224	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{53}{224}$	$\frac{2}{7}$	$\Phi_{224}^5\ \Phi_{112}^5\ \Phi_{32}^5\ \Phi_{16}^5\ \Phi_7^2\ \Phi_1^3$
40320	855	182	$\frac{11}{182}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{182}^5\ \Phi_{91}^5\ \Phi_{26}^5\ \Phi_{13}^5\ \Phi_7^2\ \Phi_1^3$
40321	855	70	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{70}$	$\frac{2}{7}$	$\Phi_{70}^{15}\ \Phi_{35}^{15}\ \Phi_{10}^{15}\ \Phi_7^2\ \Phi_5^{15}\ \Phi_1^3$
40322	855	308	$\frac{23}{308}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{308}^3\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_7^2\ \Phi_1^3$
40323	855	112	$\frac{5}{56}$	$\frac{1}{7}$	$\frac{17}{112}$	$\frac{2}{7}$	$\Phi_{112}^9\ \Phi_{56}^6\ \Phi_{28}^6\ \Phi_{16}^9\ \Phi_{14}^6\ \Phi_8^6\ \Phi_7^8\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
40324	855	21	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{21}^{45}\ \Phi_7^{32}\ \Phi_3^{45}\ \Phi_1^{33}$
40325	855	196	$\frac{3}{28}$	$\frac{25}{196}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{196}^5\ \Phi_{98}^5\ \Phi_{49}^5\ \Phi_7^2\ \Phi_1^3$
40326	855	448	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{448}^2\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_7^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
40327	855	460	$\frac{1}{20}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{460}^2\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{92}^2\ \Phi_{46}\ \Phi_{23}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
40328	855	132	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{1}{4}$	$\frac{37}{132}$	$\Phi_{132}^9\ \Phi_{66}^9\ \Phi_{44}^2\ \Phi_{33}^9\ \Phi_{22}\ \Phi_{12}^9\ \Phi_{11}\ \Phi_6^9\ \Phi_4\ \Phi_3^9\ \Phi_1$
40329	855	61	$\frac{4}{61}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	$\Phi_{61}^{14}\ \Phi_1^{15}$
40330	855	540	$\frac{1}{10}$	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}\ \Phi_{60}^2\ \Phi_{54}\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
40331	855	427	$\frac{17}{427}$	$\frac{82}{427}$	$\frac{104}{427}$	$\frac{115}{427}$	$\Phi_{427}^2\ \Phi_{61}^2\ \Phi_7^2\ \Phi_1^3$
40332	855	52	$\frac{1}{26}$	$\frac{5}{26}$	$\frac{1}{4}$	$\frac{7}{26}$	$\Phi_{52}^{22}\ \Phi_{26}^{11}\ \Phi_{13}^{11}\ \Phi_4^{21}\ \Phi_2^{10}\ \Phi_1^{11}$
40333	855	61	$\frac{4}{61}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{61}^{14}\ \Phi_1^{15}$
40334	855	188	$\frac{2}{47}$	$\frac{9}{47}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{188}^4\ \Phi_{94}^4\ \Phi_{47}^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
40335	855	60	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{60}^{18}\ \Phi_{30}^{18}\ \Phi_{20}^9\ \Phi_{15}^{18}\ \Phi_{12}^{14}\ \Phi_{10}^9\ \Phi_6^{13}\ \Phi_5^9\ \Phi_4^7\ \Phi_3^{13}\ \Phi_2^6\ \Phi_1^7$
40336	855	352	$\frac{1}{22}$	$\frac{67}{352}$	$\frac{21}{88}$	$\frac{1}{4}$	$\Phi_{352}^3\ \Phi_{176}^3\ \Phi_{44}^2\ \Phi_{32}^3\ \Phi_{22}\ \Phi_{16}^3\ \Phi_{11}\ \Phi_4\ \Phi_1$
40337	855	672	$\frac{3}{56}$	$\frac{1}{6}$	$\frac{53}{224}$	$\frac{1}{4}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}\ \Phi_{112}\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
40338	855	364	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{79}{364}$	$\frac{1}{4}$	$\Phi_{364}^2\ \Phi_{182}^2\ \Phi_{91}^3\ \Phi_{52}^3\ \Phi_{28}^2\ \Phi_{26}^3\ \Phi_{14}^2\ \Phi_{13}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
40339	855	48	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{48}^{18}\ \Phi_{24}^{15}\ \Phi_{16}^{21}\ \Phi_{12}^{17}\ \Phi_8^{18}\ \Phi_6^{16}\ \Phi_4^{19}\ \Phi_3^{16}\ \Phi_2^{18}\ \Phi_1^{19}$
40340	855	420	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{70}$	$\frac{1}{4}$	$\Phi_{420}^4\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{70}\ \Phi_{60}^4\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
40341	855	44	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{2}{11}$	$\frac{1}{4}$	$\Phi_{44}^{26}\ \Phi_{22}^{11}\ \Phi_{11}^{15}\ \Phi_4^{25}\ \Phi_2^{10}\ \Phi_1^{15}$
40342	855	84	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{84}^{13}\ \Phi_{42}^5\ \Phi_{28}^{14}\ \Phi_{21}^8\ \Phi_{14}^6\ \Phi_{12}^{15}\ \Phi_7^8\ \Phi_6^6\ \Phi_4^{15}\ \Phi_3^9\ \Phi_2^6\ \Phi_1^9$
40343	855	588	$\frac{3}{28}$	$\frac{25}{196}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}\ \Phi_{147}^2\ \Phi_{98}\ \Phi_{49}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
40344	855	192	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{192}^6\ \Phi_{96}^6\ \Phi_{64}^3\ \Phi_{48}^6\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
40345	855	168	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{168}^7\ \Phi_{84}^7\ \Phi_{56}^5\ \Phi_{28}^5\ \Phi_{24}^7\ \Phi_{21}^3\ \Phi_{12}^7\ \Phi_8^5\ \Phi_7^2\ \Phi_4^5\ \Phi_3^3\ \Phi_1^3$
40346	855	264	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{5}{24}$	$\Phi_{264}^4\ \Phi_{132}^4\ \Phi_{88}^4\ \Phi_{44}^4\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_8^5\ \Phi_4^5\ \Phi_1^5$
40347	855	120	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{120}^{10}\ \Phi_{60}^{10}\ \Phi_{40}^{10}\ \Phi_{30}^2\ \Phi_{24}^5\ \Phi_{20}^{10}\ \Phi_{15}^2\ \Phi_{12}^5\ \Phi_{10}\ \Phi_8^5\ \Phi_6\ \Phi_5\ \Phi_4^5\ \Phi_3\ \Phi_1$
40348	856	213	$\frac{1}{213}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{106}{213}$	$\Phi_{213}^4\ \Phi_{71}^4\ \Phi_3^5\ \Phi_1^6$
40349	856	171	$\frac{1}{171}$	$\frac{43}{171}$	$\frac{64}{171}$	$\frac{85}{171}$	$\Phi_{171}^5\ \Phi_{57}^5\ \Phi_{19}^5\ \Phi_9^5\ \Phi_3^5\ \Phi_1^6$
40350	856	429	$\frac{1}{143}$	$\frac{36}{143}$	$\frac{1}{3}$	$\frac{71}{143}$	$\Phi_{429}^3\ \Phi_{39}^3\ \Phi_{33}^3\ \Phi_3^2$
40351	856	425	$\frac{3}{425}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{211}{425}$	$\Phi_{425}^2\ \Phi_{85}^2\ \Phi_{25}^2\ \Phi_{17}^2\ \Phi_5^3\ \Phi_1^4$
40352	856	1484	$\frac{1}{106}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{105}{212}$	$\Phi_{1484}\ \Phi_{212}^2\ \Phi_{28}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
40353	856	3180	$\frac{1}{106}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{105}{212}$	$\Phi_{3180}\ \Phi_{60}\ \Phi_{15}$
40354	856	190	$\frac{1}{95}$	$\frac{12}{95}$	$\frac{83}{190}$	$\frac{47}{95}$	$\Phi_{190}^8\ \Phi_{95}\ \Phi_{38}^8\ \Phi_{19}\ \Phi_{10}^8\ \Phi_5\ \Phi_2^8\ \Phi_1^2$
40355	856	285	$\frac{1}{95}$	$\frac{71}{285}$	$\frac{24}{95}$	$\frac{47}{95}$	$\Phi_{285}^4\ \Phi_{95}\ \Phi_{57}^4\ \Phi_{19}\ \Phi_{15}^4\ \Phi_5\ \Phi_3^4\ \Phi_1^2$
40356	856	423	$\frac{5}{423}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{209}{423}$	$\Phi_{423}^2\ \Phi_{141}^2\ \Phi_{47}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
40357	856	399	$\frac{1}{57}$	$\frac{29}{399}$	$\frac{185}{399}$	$\frac{28}{57}$	$\Phi_{399}^2\ \Phi_{133}^2\ \Phi_{57}^3\ \Phi_{21}^2\ \Phi_{19}^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^4$
40358	856	210	$\frac{2}{105}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{103}{210}$	$\Phi_{210}^8\ \Phi_{70}^8\ \Phi_{42}^8\ \Phi_{30}^8\ \Phi_{15}\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
40359	856	630	$\frac{2}{105}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{103}{210}$	$\Phi_{630}^3\ \Phi_{210}^2\ \Phi_{126}^3\ \Phi_{90}^3\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
40360	856	210	$\frac{2}{105}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{103}{210}$	$\Phi_{210}^8\ \Phi_{70}^8\ \Phi_{42}^8\ \Phi_{30}^8\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
40361	856	405	$\frac{1}{45}$	$\frac{23}{405}$	$\frac{191}{405}$	$\frac{22}{45}$	$\Phi_{405}^2\ \Phi_{135}^2\ \Phi_{81}^2\ \Phi_{45}^3\ \Phi_{27}^2\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
40362	856	135	$\frac{1}{45}$	$\frac{23}{135}$	$\frac{28}{135}$	$\frac{22}{45}$	$\Phi_{135}^6\ \Phi_{45}^7\ \Phi_{27}^6\ \Phi_{15}^7\ \Phi_9^7\ \Phi_5^7\ \Phi_3^7\ \Phi_1^8$
40363	856	837	$\frac{19}{837}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{409}{837}$	$\Phi_{837}\ \Phi_{279}\ \Phi_{93}\ \Phi_{31}\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
40364	856	645	$\frac{1}{43}$	$\frac{22}{129}$	$\frac{1}{5}$	$\frac{21}{43}$	$\Phi_{645}^2\ \Phi_{215}\ \Phi_{15}^2$
40365	856	209	$\frac{5}{209}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{102}{209}$	$\Phi_{209}^4\ \Phi_{19}^5\ \Phi_{11}^4\ \Phi_1^6$
40366	856	627	$\frac{5}{209}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{102}{209}$	$\Phi_{627}^2\ \Phi_{57}^2\ \Phi_{33}^3\ \Phi_3^2$
40367	856	209	$\frac{5}{209}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{102}{209}$	$\Phi_{209}^4\ \Phi_{19}^5\ \Phi_{11}^4\ \Phi_1^6$
40368	856	117	$\frac{1}{39}$	$\frac{10}{117}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{117}^8\ \Phi_{39}^6\ \Phi_{13}^6\ \Phi_9^8\ \Phi_3^5\ \Phi_1^6$
40369	856	144	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{37}{144}$	$\frac{35}{72}$	$\Phi_{144}^8\ \Phi_{48}^8\ \Phi_{36}^8\ \Phi_{18}^8\ \Phi_{16}^8\ \Phi_{12}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
40370	856	624	$\frac{3}{104}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{101}{208}$	$\Phi_{624}^4\ \Phi_{48}^4\ \Phi_{39}$
40371	856	1872	$\frac{3}{104}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{101}{208}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
40372	856	231	$\frac{1}{33}$	$\frac{17}{231}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{231}^4\ \Phi_{77}^4\ \Phi_{33}^2\ \Phi_{21}^4\ \Phi_{11}^2\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
40373	856	207	$\frac{7}{207}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{100}{207}$	$\Phi_{207}^4\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
40374	856	825	$\frac{31}{825}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{397}{825}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{165}\ \Phi_{75}\ \Phi_{55}\ \Phi_{33}^2\ \Phi_{25}\ \Phi_{15}\ \Phi_{11}^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
40375	856	819	$\frac{37}{819}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{391}{819}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{117}\ \Phi_{91}\ \Phi_{63}\ \Phi_{39}^2\ \Phi_{21}\ \Phi_{13}^2\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
40376	856	612	$\frac{5}{102}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{97}{204}$	$\Phi_{612}^3\ \Phi_{204}^2\ \Phi_{68}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
40377	856	627	$\frac{10}{209}$	$\frac{1}{19}$	$\frac{199}{627}$	$\frac{9}{19}$	$\Phi_{627}^2\ \Phi_{57}^2\ \Phi_{33}^2\ \Phi_{19}\ \Phi_3^2\ \Phi_1^2$
40378	856	114	$\frac{1}{19}$	$\frac{7}{114}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{114}^8\ \Phi_{57}^8\ \Phi_{38}^8\ \Phi_{19}^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^6$
40379	856	405	$\frac{23}{405}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{191}{405}$	$\Phi_{405}^2\ \Phi_{135}^2\ \Phi_{81}^2\ \Phi_{45}^2\ \Phi_{27}^4\ \Phi_{15}^2\ \Phi_9^3\ \Phi_5^2\ \Phi_3^3\ \Phi_1^4$
40380	856	315	$\frac{4}{105}$	$\frac{1}{15}$	$\frac{101}{315}$	$\frac{7}{15}$	$\Phi_{315}^4\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{15}\ \Phi_9^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
40381	856	225	$\frac{11}{225}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{225}^4\ \Phi_{75}^4\ \Phi_{45}^4\ \Phi_{25}^4\ \Phi_{15}\ \Phi_9^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
40382	856	525	$\frac{1}{15}$	$\frac{8}{105}$	$\frac{97}{525}$	$\frac{7}{15}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
40383	856	120	$\frac{1}{15}$	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{7}{15}$	$\Phi_{120}^8\ \Phi_{60}^8\ \Phi_{40}^8\ \Phi_{30}^8\ \Phi_{24}^8\ \Phi_{20}^8\ \Phi_{15}\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_8^8\ \Phi_6^8\ \Phi_5\ \Phi_4^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
40384	856	663	$\frac{7}{221}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{663}^2\ \Phi_{51}^2\ \Phi_{39}$
40385	856	198	$\frac{1}{33}$	$\frac{8}{99}$	$\frac{1}{3}$	$\frac{91}{198}$	$\Phi_{198}^8\ \Phi_{66}^8\ \Phi_{33}^2\ \Phi_{22}^8\ \Phi_{18}^8\ \Phi_{11}^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
40386	856	198	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{91}{198}$	$\Phi_{198}^8\ \Phi_{66}^8\ \Phi_{22}^8\ \Phi_{18}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
40387	856	360	$\frac{1}{12}$	$\frac{13}{120}$	$\frac{1}{9}$	$\frac{11}{24}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^2\ \Phi_{90}^3\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
40388	856	330	$\frac{3}{110}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{66}^4\ \Phi_{33}^3\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_6^4\ \Phi_3^2$
40389	856	195	$\frac{1}{39}$	$\frac{19}{195}$	$\frac{1}{3}$	$\frac{88}{195}$	$\Phi_{195}^4\ \Phi_{65}^4\ \Phi_{39}^6\ \Phi_{15}^4\ \Phi_{13}^6\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
40390	856	576	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{96}$	$\frac{85}{192}$	$\Phi_{576}^3\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
40391	856	190	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{12}{95}$	$\frac{83}{190}$	$\Phi_{190}^8\ \Phi_{95}\ \Phi_{38}^8\ \Phi_{19}\ \Phi_{10}^8\ \Phi_5\ \Phi_2^8\ \Phi_1^2$
40392	856	189	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{25}{189}$	$\frac{82}{189}$	$\Phi_{189}^4\ \Phi_{63}^4\ \Phi_{27}^8\ \Phi_{21}^4\ \Phi_9^7\ \Phi_7^4\ \Phi_3^7\ \Phi_1^8$
40393	856	1113	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{52}{159}$	$\frac{3}{7}$	$\Phi_{1113}\ \Phi_{159}^2\ \Phi_{21}\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
40394	856	180	$\frac{1}{45}$	$\frac{17}{90}$	$\frac{11}{45}$	$\frac{73}{180}$	$\Phi_{180}^8\ \Phi_{60}^8\ \Phi_{45}^3\ \Phi_{36}^8\ \Phi_{20}^8\ \Phi_{15}^3\ \Phi_{12}^8\ \Phi_9^3\ \Phi_5^3\ \Phi_4^8\ \Phi_3^3\ \Phi_1^4$
40395	856	180	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{17}{90}$	$\frac{73}{180}$	$\Phi_{180}^8\ \Phi_{60}^8\ \Phi_{36}^8\ \Phi_{20}^8\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
40396	856	110	$\frac{3}{110}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{110}^8\ \Phi_{55}^8\ \Phi_{22}^8\ \Phi_{11}^8\ \Phi_{10}^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
40397	856	255	$\frac{3}{85}$	$\frac{41}{255}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{255}^4\ \Phi_{85}^2\ \Phi_{51}^4\ \Phi_{17}^2\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
40398	856	225	$\frac{11}{225}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{225}^4\ \Phi_{75}^4\ \Phi_{45}^4\ \Phi_{25}^2\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
40399	856	114	$\frac{7}{114}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{114}^8\ \Phi_{57}^7\ \Phi_{38}^8\ \Phi_{19}^7\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
40400	856	860	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{21}{86}$	$\frac{65}{172}$	$\Phi_{860}^2\ \Phi_{215}\ \Phi_{20}^2$
40401	856	135	$\frac{1}{45}$	$\frac{28}{135}$	$\frac{11}{45}$	$\frac{17}{45}$	$\Phi_{135}^8\ \Phi_{45}^3\ \Phi_{27}^8\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
40402	856	1008	$\frac{5}{112}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
40403	856	171	$\frac{1}{57}$	$\frac{14}{57}$	$\frac{43}{171}$	$\frac{64}{171}$	$\Phi_{171}^4\ \Phi_{57}^7\ \Phi_{19}^7\ \Phi_9^4\ \Phi_3^7\ \Phi_1^8$
40404	856	675	$\frac{1}{45}$	$\frac{44}{225}$	$\frac{181}{675}$	$\frac{247}{675}$	$\Phi_{675}\ \Phi_{225}^2\ \Phi_{135}\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
40405	856	162	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{26}{81}$	$\frac{55}{162}$	$\Phi_{162}^8\ \Phi_{54}^8\ \Phi_{27}^8\ \Phi_{18}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
40406	856	645	$\frac{4}{215}$	$\frac{1}{5}$	$\frac{211}{645}$	$\frac{217}{645}$	$\Phi_{645}\ \Phi_{215}^2\ \Phi_{129}\ \Phi_{43}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
40407	856	108	$\frac{1}{108}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{108}^8\ \Phi_{54}^8\ \Phi_{36}^8\ \Phi_{27}^8\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
40408	856	639	$\frac{2}{213}$	$\frac{211}{639}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{639}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
40409	856	426	$\frac{1}{71}$	$\frac{35}{142}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{426}^2\ \Phi_{213}\ \Phi_{142}^4\ \Phi_{71}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
40410	856	795	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{52}{159}$	$\frac{1}{3}$	$\Phi_{795}\ \Phi_{265}^2\ \Phi_{15}^2\ \Phi_5^2$
40411	856	495	$\frac{1}{33}$	$\frac{67}{495}$	$\frac{32}{99}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
40412	856	627	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{199}{627}$	$\frac{1}{3}$	$\Phi_{627}\ \Phi_{209}^2\ \Phi_{57}\ \Phi_{33}^2\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
40413	856	117	$\frac{2}{39}$	$\frac{10}{117}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{117}^7\ \Phi_{39}^8\ \Phi_{13}^8\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
40414	856	156	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{49}{156}$	$\frac{1}{3}$	$\Phi_{156}^4\ \Phi_{78}^4\ \Phi_{52}^8\ \Phi_{39}^5\ \Phi_{26}^8\ \Phi_{13}^8\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
40415	856	297	$\frac{1}{33}$	$\frac{16}{99}$	$\frac{83}{297}$	$\frac{1}{3}$	$\Phi_{297}^4\ \Phi_{33}^2\ \Phi_{27}^4\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
40416	856	585	$\frac{1}{39}$	$\frac{38}{195}$	$\frac{157}{585}$	$\frac{1}{3}$	$\Phi_{585}^2\ \Phi_{117}^2\ \Phi_{45}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
40417	856	132	$\frac{1}{33}$	$\frac{25}{132}$	$\frac{8}{33}$	$\frac{1}{3}$	$\Phi_{132}^8\ \Phi_{66}^8\ \Phi_{44}^8\ \Phi_{33}^2\ \Phi_{22}^8\ \Phi_{12}^8\ \Phi_{11}^2\ \Phi_6^8\ \Phi_4^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
40418	856	117	$\frac{1}{13}$	$\frac{10}{117}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{117}^8\ \Phi_{39}^5\ \Phi_{13}^8\ \Phi_9^8\ \Phi_3^4\ \Phi_1^8$
40419	856	273	$\frac{2}{39}$	$\frac{37}{273}$	$\frac{59}{273}$	$\frac{1}{3}$	$\Phi_{273}^3\ \Phi_{91}^3\ \Phi_{39}^4\ \Phi_{21}^3\ \Phi_{13}^4\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
40420	856	495	$\frac{2}{33}$	$\frac{67}{495}$	$\frac{31}{165}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{165}\ \Phi_{99}^2\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
40421	856	390	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{130}$	$\frac{1}{3}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{39}\ \Phi_{30}^4\ \Phi_{15}^4$
40422	856	126	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{19}{126}$	$\frac{1}{3}$	$\Phi_{126}^8\ \Phi_{63}^5\ \Phi_{42}^8\ \Phi_{21}^6\ \Phi_{18}^8\ \Phi_{14}^8\ \Phi_9^7\ \Phi_7^6\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
40423	856	360	$\frac{13}{120}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^2\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
40424	856	315	$\frac{4}{105}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{101}{315}$	$\Phi_{315}^4\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_1^4$
40425	856	468	$\frac{3}{52}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{49}{156}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}\ \Phi_{117}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{36}^3\ \Phi_{26}^2\ \Phi_{18}^3\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
40426	856	243	$\frac{1}{9}$	$\frac{29}{243}$	$\frac{4}{27}$	$\frac{23}{81}$	$\Phi_{243}^4\ \Phi_{81}^2\ \Phi_{27}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
40427	856	225	$\frac{11}{225}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{225}^4\ \Phi_{75}^4\ \Phi_{45}^4\ \Phi_{25}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_1^4$
40428	856	114	$\frac{7}{114}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{114}^8\ \Phi_{57}^8\ \Phi_{38}^8\ \Phi_{19}^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^6$
40429	856	144	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{48}$	$\frac{37}{144}$	$\Phi_{144}^5\ \Phi_{72}^5\ \Phi_{48}^6\ \Phi_{36}^8\ \Phi_{24}^6\ \Phi_{18}^8\ \Phi_{16}^6\ \Phi_{12}^8\ \Phi_9^7\ \Phi_8^6\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
40430	856	140	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{33}{140}$	$\Phi_{140}^8\ \Phi_{70}^8\ \Phi_{28}^8\ \Phi_{20}^8\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_5^3\ \Phi_4^8\ \Phi_2^8\ \Phi_1^4$
40431	856	135	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{135}$	$\frac{28}{135}$	$\Phi_{135}^6\ \Phi_{45}^6\ \Phi_{27}^8\ \Phi_{15}^6\ \Phi_9^7\ \Phi_5^6\ \Phi_3^7\ \Phi_1^8$
40432	856	120	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{120}^8\ \Phi_{60}^8\ \Phi_{40}^8\ \Phi_{30}^8\ \Phi_{24}^8\ \Phi_{20}^8\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_8^8\ \Phi_6^8\ \Phi_5^3\ \Phi_4^8\ \Phi_2^8\ \Phi_1^4$
40433	856	245	$\frac{4}{35}$	$\frac{31}{245}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{245}^4\ \Phi_{49}^4\ \Phi_5^3\ \Phi_1^4$
40434	857	1696	$\frac{9}{848}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{839}{1696}$	$\Phi_{1696}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
40435	857	1032	$\frac{3}{172}$	$\frac{175}{1032}$	$\frac{1}{4}$	$\frac{169}{344}$	$\Phi_{1032}\ \Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}\ \Phi_{43}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
40436	857	1680	$\frac{17}{840}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{823}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{80}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
40437	857	1680	$\frac{17}{840}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{823}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{80}\ \Phi_{48}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
40438	857	1152	$\frac{7}{288}$	$\frac{1}{8}$	$\frac{295}{1152}$	$\frac{281}{576}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
40439	857	1664	$\frac{25}{832}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{807}{1664}$	$\Phi_{1664}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
40440	857	1632	$\frac{41}{816}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{775}{1632}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
40441	857	960	$\frac{7}{96}$	$\frac{103}{960}$	$\frac{1}{8}$	$\frac{89}{192}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
40442	857	1584	$\frac{65}{792}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{727}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
40443	857	1536	$\frac{7}{96}$	$\frac{89}{768}$	$\frac{1}{8}$	$\frac{679}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
40444	857	880	$\frac{23}{880}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{16}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
40445	857	1440	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{137}{720}$	$\frac{583}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
40446	857	896	$\frac{39}{896}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
40447	857	1376	$\frac{3}{172}$	$\frac{169}{688}$	$\frac{1}{4}$	$\frac{519}{1376}$	$\Phi_{1376}\ \Phi_{172}\ \Phi_{86}\ \Phi_{43}\ \Phi_{32}\ \Phi_{1}$
40448	857	1296	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{209}{648}$	$\frac{439}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
40449	857	1284	$\frac{1}{107}$	$\frac{106}{321}$	$\frac{427}{1284}$	$\frac{215}{642}$	$\Phi_{1284}\ \Phi_{428}\ \Phi_{321}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
40450	857	1260	$\frac{17}{420}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{403}{1260}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
40451	857	1248	$\frac{25}{416}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{391}{1248}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
40452	857	1008	$\frac{17}{168}$	$\frac{1}{8}$	$\frac{151}{1008}$	$\frac{7}{24}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
40453	857	960	$\frac{103}{960}$	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{7}{24}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
40454	857	900	$\frac{43}{900}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
40455	857	1152	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{384}$	$\frac{295}{1152}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
40456	857	1120	$\frac{17}{280}$	$\frac{3}{20}$	$\frac{263}{1120}$	$\frac{1}{4}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
40457	857	960	$\frac{103}{960}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
40458	857	980	$\frac{17}{140}$	$\frac{123}{980}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
40459	858	1420	$\frac{1}{142}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{141}{284}$	$\Phi_{1420}\ \Phi_{284}^2\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
40460	858	852	$\frac{1}{142}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{141}{284}$	$\Phi_{852}\ \Phi_{426}^2\ \Phi_{213}^2\ \Phi_{12}^2\ \Phi_{6}^3\ \Phi_{3}^2$
40461	858	2550	$\frac{4}{425}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{421}{850}$	$\Phi_{2550}\ \Phi_{510}\ \Phi_{150}\ \Phi_{102}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
40462	858	516	$\frac{1}{86}$	$\frac{29}{172}$	$\frac{1}{3}$	$\frac{85}{172}$	$\Phi_{516}^2\ \Phi_{258}^3\ \Phi_{129}^3\ \Phi_{12}^2\ \Phi_{6}^3\ \Phi_{3}^2$
40463	858	1540	$\frac{1}{77}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{38}{77}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
40464	858	1155	$\frac{1}{77}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{38}{77}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}\ \Phi_{33}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{7}\ \Phi_{3}^2\ \Phi_{1}^2$
40465	858	1974	$\frac{2}{141}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{139}{282}$	$\Phi_{1974}\ \Phi_{658}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
40466	858	1560	$\frac{1}{65}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{32}{65}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{13}\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{1}^2$
40467	858	195	$\frac{1}{65}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{32}{65}$	$\Phi_{195}^4\ \Phi_{65}^5\ \Phi_{39}^4\ \Phi_{15}^5\ \Phi_{13}^5\ \Phi_{5}^6\ \Phi_{3}^4\ \Phi_{1}^6$
40468	858	1170	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{32}{65}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{234}\ \Phi_{117}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{18}^2\ \Phi_{13}\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{1}^2$
40469	858	1040	$\frac{1}{65}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{32}{65}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{208}\ \Phi_{104}\ \Phi_{80}\ \Phi_{65}\ \Phi_{40}\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{1}^2$
40470	858	1344	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{49}{192}$	$\frac{47}{96}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
40471	858	840	$\frac{3}{140}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{137}{280}$	$\Phi_{840}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{15}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
40472	858	280	$\frac{3}{140}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{137}{280}$	$\Phi_{280}^6\ \Phi_{56}^6\ \Phi_{40}^6\ \Phi_{28}\ \Phi_{14}\ \Phi_8^6$
40473	858	164	$\frac{1}{41}$	$\frac{21}{164}$	$\frac{1}{4}$	$\frac{20}{41}$	$\Phi_{164}^5\ \Phi_{82}^5\ \Phi_{41}^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
40474	858	1596	$\frac{1}{38}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{37}{76}$	$\Phi_{1596}\ \Phi_{532}\ \Phi_{228}\ \Phi_{84}\ \Phi_{76}^2\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
40475	858	228	$\frac{1}{38}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{228}^3\ \Phi_{114}^4\ \Phi_{76}^4\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{12}^5\ \Phi_6^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
40476	858	532	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{37}{76}$	$\Phi_{532}^3\ \Phi_{76}^4\ \Phi_{28}^3\ \Phi_{14}^2\ \Phi_7\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
40477	858	1600	$\frac{1}{32}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{31}{64}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{64}^2\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
40478	858	1344	$\frac{1}{32}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{1344}^2\ \Phi_{192}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
40479	858	960	$\frac{1}{32}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{31}{64}$	$\Phi_{960}^2\ \Phi_{320}\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
40480	858	1932	$\frac{5}{138}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{133}{276}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
40481	858	400	$\frac{1}{25}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{12}{25}$	$\Phi_{400}^2\ \Phi_{200}^2\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{16}^4\ \Phi_{10}^2\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
40482	858	300	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{100}^2\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^2\ \Phi_{30}^3\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^6\ \Phi_{10}^2\ \Phi_6^6\ \Phi_5^3\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
40483	858	200	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{12}{25}$	$\Phi_{200}^4\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{40}^5\ \Phi_{25}^5\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_8^4\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
40484	858	399	$\frac{1}{21}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{10}{21}$	$\Phi_{399}^2\ \Phi_{133}^2\ \Phi_{57}^2\ \Phi_{21}^3\ \Phi_{19}^4\ \Phi_7^3\ \Phi_3^3\ \Phi_1^6$
40485	858	84	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{84}^{13}\ \Phi_{42}^6\ \Phi_{28}^{15}\ \Phi_{21}^7\ \Phi_{14}^7\ \Phi_{12}^{13}\ \Phi_7^8\ \Phi_6^6\ \Phi_4^{14}\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
40486	858	1904	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{129}{272}$	$\Phi_{1904}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
40487	858	857	$\frac{41}{857}$	$\frac{45}{857}$	$\frac{272}{857}$	$\frac{406}{857}$	$\Phi_{857}\ \Phi_1^2$
40488	858	1890	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{127}{270}$	$\Phi_{1890}\ \Phi_{630}\ \Phi_{378}\ \Phi_{210}\ \Phi_{126}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
40489	858	857	$\frac{35}{857}$	$\frac{53}{857}$	$\frac{274}{857}$	$\frac{402}{857}$	$\Phi_{857}\ \Phi_1^2$
40490	858	1120	$\frac{1}{16}$	$\frac{17}{160}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
40491	858	948	$\frac{5}{79}$	$\frac{1}{12}$	$\frac{14}{79}$	$\frac{37}{79}$	$\Phi_{948}\ \Phi_{474}\ \Phi_{316}\ \Phi_{237}\ \Phi_{158}$
40492	858	857	$\frac{61}{857}$	$\frac{64}{857}$	$\frac{153}{857}$	$\frac{398}{857}$	$\Phi_{857}\ \Phi_1^2$
40493	858	164	$\frac{2}{41}$	$\frac{3}{41}$	$\frac{1}{4}$	$\frac{19}{41}$	$\Phi_{164}^7\ \Phi_{82}^7\ \Phi_4^6\ \Phi_2^6$
40494	858	938	$\frac{1}{14}$	$\frac{5}{67}$	$\frac{12}{67}$	$\frac{31}{67}$	$\Phi_{938}\ \Phi_{469}\ \Phi_{134}$
40495	858	408	$\frac{1}{34}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{408}^4\ \Phi_{136}^4\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6$
40496	858	1560	$\frac{2}{65}$	$\frac{1}{12}$	$\frac{21}{65}$	$\frac{11}{24}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
40497	858	552	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{552}^3\ \Phi_{184}^3\ \Phi_{92}\ \Phi_{46}$
40498	858	840	$\frac{2}{35}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{120}\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{35}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
40499	858	312	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{2}{13}$	$\frac{11}{24}$	$\Phi_{312}^5\ \Phi_{104}^5\ \Phi_{24}^6\ \Phi_{13}^5\ \Phi_8^6\ \Phi_1^6$
40500	858	168	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{168}^{11}\ \Phi_{84}\ \Phi_{56}^{11}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
40501	858	857	$\frac{54}{857}$	$\frac{73}{857}$	$\frac{155}{857}$	$\frac{392}{857}$	$\Phi_{857}\ \Phi_1^2$
40502	858	1148	$\frac{12}{287}$	$\frac{25}{287}$	$\frac{1}{4}$	$\frac{131}{287}$	$\Phi_{1148}\ \Phi_{574}\ \Phi_{164}\ \Phi_{82}\ \Phi_{28}\ \Phi_{14}$
40503	858	120	$\frac{1}{40}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{120}^{11}\ \Phi_{60}^{10}\ \Phi_{30}^{11}\ \Phi_{24}^{11}\ \Phi_{15}^{11}\ \Phi_{12}^{10}\ \Phi_6^{11}\ \Phi_3^{10}$
40504	858	1540	$\frac{2}{77}$	$\frac{1}{10}$	$\frac{25}{77}$	$\frac{9}{20}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
40505	858	540	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{540}\ \Phi_{270}^2\ \Phi_{180}\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{54}^3\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
40506	858	1540	$\frac{5}{77}$	$\frac{1}{10}$	$\frac{12}{77}$	$\frac{9}{20}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
40507	858	140	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{140}^{11}\ \Phi_{28}^{11}\ \Phi_{20}^{12}\ \Phi_{14}^6\ \Phi_7^5\ \Phi_4^{12}\ \Phi_2^6\ \Phi_1^6$
40508	858	220	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{44}$	$\frac{9}{20}$	$\Phi_{220}^3\ \Phi_{110}^4\ \Phi_{55}^4\ \Phi_{44}^5\ \Phi_{22}^6\ \Phi_{20}^4\ \Phi_{11}^5\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
40509	858	258	$\frac{1}{43}$	$\frac{14}{129}$	$\frac{1}{3}$	$\frac{115}{258}$	$\Phi_{258}^6\ \Phi_{129}\ \Phi_{86}^6\ \Phi_6^6\ \Phi_2^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
40510	858	306	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{306}^3\ \Phi_{153}^3\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{34}^2\ \Phi_{18}\ \Phi_{17}^2\ \Phi_9^2\ \Phi_6\ \Phi_3^2\ \Phi_1^2$
40511	858	1610	$\frac{1}{23}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{1610}\ \Phi_{322}\ \Phi_{230}\ \Phi_{115}\ \Phi_{46}$
40512	858	1792	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{7}$	$\frac{113}{256}$	$\Phi_{1792}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
40513	858	368	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{368}^2\ \Phi_{184}^3\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{23}^2$
40514	858	252	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{1}{7}$	$\frac{109}{252}$	$\Phi_{252}^6\ \Phi_{126}\ \Phi_{84}^6\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}^6\ \Phi_{28}^6\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^6\ \Phi_4^6$
40515	858	588	$\frac{4}{147}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_6^2$
40516	858	492	$\frac{1}{41}$	$\frac{20}{123}$	$\frac{1}{4}$	$\frac{103}{246}$	$\Phi_{492}^2\ \Phi_{164}^3\ \Phi_{123}^2\ \Phi_{82}\ \Phi_{41}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
40517	858	1680	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{23}{120}$	$\frac{97}{240}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
40518	858	1065	$\frac{1}{71}$	$\frac{1}{5}$	$\frac{70}{213}$	$\frac{2}{5}$	$\Phi_{1065}\ \Phi_{213}^2\ \Phi_{15}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
40519	858	355	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{355}^2\ \Phi_{71}^4\ \Phi_5^3\ \Phi_1^6$
40520	858	420	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^4\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}^4\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^4\ \Phi_{21}^4$ $\Phi_{20}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
40521	858	1472	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{1472}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}$
40522	858	1422	$\frac{1}{79}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1422}\ \Phi_{474}\ \Phi_{237}\ \Phi_{158}$
40523	858	2064	$\frac{1}{86}$	$\frac{85}{344}$	$\frac{1}{3}$	$\frac{259}{688}$	$\Phi_{2064}\ \Phi_{258}\ \Phi_{129}\ \Phi_{48}\ \Phi_6$
40524	858	1264	$\frac{1}{79}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1264}\ \Phi_{316}\ \Phi_{158}$
40525	858	460	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{460}^3\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}^3\ \Phi_{46}$
40526	858	857	$\frac{43}{857}$	$\frac{74}{857}$	$\frac{261}{857}$	$\frac{298}{857}$	$\Phi_{857}\ \Phi_1^2$
40527	858	857	$\frac{51}{857}$	$\frac{62}{857}$	$\frac{265}{857}$	$\frac{296}{857}$	$\Phi_{857}\ \Phi_1^2$
40528	858	938	$\frac{4}{67}$	$\frac{1}{14}$	$\frac{21}{67}$	$\frac{23}{67}$	$\Phi_{938}\ \Phi_{469}\ \Phi_{134}$
40529	858	948	$\frac{4}{79}$	$\frac{1}{12}$	$\frac{25}{79}$	$\frac{27}{79}$	$\Phi_{948}\ \Phi_{474}\ \Phi_{316}\ \Phi_{237}\ \Phi_{158}$
40530	858	1512	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{35}{108}$	$\frac{73}{216}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}$ Φ_{14}
40531	858	510	$\frac{1}{34}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{510}^2\ \Phi_{255}^2\ \Phi_{170}^2\ \Phi_{102}\ \Phi_{85}^2\ \Phi_{51}\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6$
40532	858	852	$\frac{1}{71}$	$\frac{1}{4}$	$\frac{70}{213}$	$\frac{1}{3}$	$\Phi_{852}\ \Phi_{426}\ \Phi_{284}^2\ \Phi_{142}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
40533	858	516	$\frac{1}{43}$	$\frac{29}{172}$	$\frac{14}{43}$	$\frac{1}{3}$	$\Phi_{516}^3\ \Phi_{258}^3\ \Phi_{129}\ \Phi_{12}^3\ \Phi_6^3$
40534	858	195	$\frac{2}{65}$	$\frac{2}{15}$	$\frac{21}{65}$	$\frac{1}{3}$	$\Phi_{195}^4\ \Phi_{65}^5\ \Phi_{39}^4\ \Phi_{15}^5\ \Phi_{13}^5\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
40535	858	210	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{67}{210}$	$\frac{1}{3}$	$\Phi_{210}^3\ \Phi_{105}^3\ \Phi_{70}^6\ \Phi_{42}^3\ \Phi_{35}^6\ \Phi_{30}^4\ \Phi_{21}^3\ \Phi_{15}^4\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7^6\ \Phi_6^4\ \Phi_5^6$ $\Phi_3^3\ \Phi_2^6\ \Phi_1^6$
40536	858	228	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{228}^4\ \Phi_{114}^4\ \Phi_{76}^4\ \Phi_{57}^2\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
40537	858	336	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{84}^4\ \Phi_{48}^2\ \Phi_{42}^5\ \Phi_{24}^2\ \Phi_{21}^5\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
40538	858	1290	$\frac{27}{430}$	$\frac{31}{430}$	$\frac{133}{430}$	$\frac{1}{3}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{258}\ \Phi_{129}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
40539	858	1290	$\frac{23}{430}$	$\frac{37}{430}$	$\frac{131}{430}$	$\frac{1}{3}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{258}\ \Phi_{129}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
40540	858	150	$\frac{7}{150}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{150}^6\ \Phi_{75}^6\ \Phi_{50}^6\ \Phi_{30}^4\ \Phi_{25}^6\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_6^4\ \Phi_5^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
40541	858	306	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{306}^4\ \Phi_{153}^4\ \Phi_{102}\ \Phi_{51}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6$
40542	858	120	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{120}^6\ \Phi_{60}^6\ \Phi_{40}^{10}\ \Phi_{30}^6\ \Phi_{24}^6\ \Phi_{20}^{10}\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_{10}^{10}\ \Phi_8^{10}\ \Phi_6^6\ \Phi_5^8\ \Phi_4^{10}$ $\Phi_3^4\ \Phi_2^{10}\ \Phi_1^8$
40543	858	816	$\frac{1}{34}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_6$
40544	858	1380	$\frac{1}{23}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{230}\ \Phi_{92}\ \Phi_{46}$
40545	858	852	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{852}^2\ \Phi_{426}^2\ \Phi_{12}^3\ \Phi_6^3$
40546	858	84	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^{10}\ \Phi_{42}^{11}\ \Phi_{28}^{12}\ \Phi_{21}^{11}\ \Phi_{14}^{12}\ \Phi_{12}^5\ \Phi_7^{12}\ \Phi_6^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
40547	858	1680	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{131}{560}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{336}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
40548	858	150	$\frac{7}{150}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{150}^{6}\ \Phi_{75}^{5}\ \Phi_{50}^{6}\ \Phi_{30}^{6}\ \Phi_{25}^{6}\ \Phi_{15}^{6}\ \Phi_{10}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
40549	858	510	$\frac{4}{85}$	$\frac{27}{170}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{510}^{3}\ \Phi_{255}^{2}\ \Phi_{102}^{3}\ \Phi_{51}^{2}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
40550	858	105	$\frac{2}{35}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^{8}\ \Phi_{35}^{10}\ \Phi_{21}^{8}\ \Phi_{15}^{5}\ \Phi_{7}^{10}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
40551	858	840	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{120}\ \Phi_{105}^{2}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{6}$
40552	858	195	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{2}{13}$	$\frac{1}{3}$	$\Phi_{195}^{5}\ \Phi_{65}^{5}\ \Phi_{15}^{6}\ \Phi_{13}^{5}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
40553	858	480	$\frac{1}{10}$	$\frac{17}{160}$	$\frac{3}{20}$	$\frac{1}{3}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{120}^{3}\ \Phi_{96}^{3}\ \Phi_{48}^{3}\ \Phi_{30}\ \Phi_{24}^{3}\ \Phi_{15}\ \Phi_{6}$
40554	858	420	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{3}\ \Phi_{105}^{2}\ \Phi_{84}\ \Phi_{70}^{3}\ \Phi_{42}\ \Phi_{35}^{2}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
40555	858	1470	$\frac{1}{10}$	$\frac{61}{490}$	$\frac{9}{70}$	$\frac{1}{3}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{294}\ \Phi_{147}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
40556	858	1476	$\frac{1}{41}$	$\frac{83}{369}$	$\frac{1}{4}$	$\frac{40}{123}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{164}\ \Phi_{82}\ \Phi_{36}\ \Phi_{18}$
40557	858	1155	$\frac{2}{77}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{25}{77}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}\ \Phi_{33}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{7}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
40558	858	1170	$\frac{2}{65}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{21}{65}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{234}\ \Phi_{117}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{18}^{2}\ \Phi_{13}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
40559	858	1040	$\frac{2}{65}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{21}{65}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{208}\ \Phi_{104}\ \Phi_{80}\ \Phi_{65}\ \Phi_{40}\ \Phi_{16}^{2}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
40560	858	420	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{67}{210}$	$\Phi_{420}^{4}\ \Phi_{210}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{4}\ \Phi_{60}^{4}\ \Phi_{42}^{2}\ \Phi_{30}^{2}\ \Phi_{28}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{14}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
40561	858	266	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{6}{19}$	$\Phi_{266}^{4}\ \Phi_{133}^{2}\ \Phi_{38}^{4}\ \Phi_{19}^{4}\ \Phi_{14}^{6}\ \Phi_{7}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
40562	858	240	$\frac{1}{16}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{5}{16}$	$\Phi_{240}^{4}\ \Phi_{120}^{4}\ \Phi_{80}^{2}\ \Phi_{60}^{4}\ \Phi_{48}^{4}\ \Phi_{40}^{2}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{2}\ \Phi_{16}^{4}\ \Phi_{15}^{6}\ \Phi_{12}^{4}\ \Phi_{10}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
40563	858	112	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{5}{16}$	$\Phi_{112}^{9}\ \Phi_{56}^{9}\ \Phi_{28}^{9}\ \Phi_{14}^{9}\ \Phi_{7}^{8}$
40564	858	1134	$\frac{1}{9}$	$\frac{19}{162}$	$\frac{1}{7}$	$\frac{8}{27}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
40565	858	828	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{828}^{2}\ \Phi_{414}\ \Phi_{207}\ \Phi_{92}\ \Phi_{46}$
40566	858	630	$\frac{2}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{126}^{2}\ \Phi_{90}\ \Phi_{63}^{2}\ \Phi_{45}\ \Phi_{35}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
40567	858	234	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{234}^{5}\ \Phi_{117}^{5}\ \Phi_{18}^{6}\ \Phi_{13}^{5}\ \Phi_{9}^{6}\ \Phi_{1}^{6}$
40568	858	252	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{252}^{6}\ \Phi_{126}^{5}\ \Phi_{84}\ \Phi_{63}^{5}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
40569	858	540	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{180}^{2}\ \Phi_{108}^{3}\ \Phi_{90}^{2}\ \Phi_{60}\ \Phi_{54}^{3}\ \Phi_{36}^{3}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
40570	858	1155	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}\ \Phi_{33}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{7}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
40571	858	210	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{210}^{6}\ \Phi_{105}^{5}\ \Phi_{42}^{6}\ \Phi_{30}^{6}\ \Phi_{21}^{5}\ \Phi_{15}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
40572	858	660	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{165}\ \Phi_{132}^{2}\ \Phi_{66}^{2}\ \Phi_{60}^{2}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{30}^{2}\ \Phi_{22}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
40573	858	1344	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{15}{64}$	$\frac{49}{192}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
40574	858	368	$\frac{1}{23}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{368}^{3}\ \Phi_{184}^{3}\ \Phi_{92}\ \Phi_{46}$
40575	858	28	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{28}^{41}\ \Phi_{14}^{21}\ \Phi_{7}^{20}\ \Phi_{4}^{40}\ \Phi_{2}^{20}\ \Phi_{1}^{20}$
40576	858	560	$\frac{2}{35}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{112}^{2}\ \Phi_{80}\ \Phi_{56}^{2}\ \Phi_{40}\ \Phi_{35}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
40577	858	60	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{60}^{13}\ \Phi_{30}^{13}\ \Phi_{20}^{14}\ \Phi_{15}^{15}\ \Phi_{12}^{16}\ \Phi_{10}^{14}\ \Phi_{6}^{16}\ \Phi_{5}^{15}\ \Phi_{4}^{16}\ \Phi_{3}^{18}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
40578	858	208	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{208}^{5}\ \Phi_{104}^{5}\ \Phi_{16}^{6}\ \Phi_{13}^{5}\ \Phi_{8}^{6}\ \Phi_{1}^{6}$
40579	858	336	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{112}^{3}\ \Phi_{84}\ \Phi_{56}^{3}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
40580	858	700	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{32}{175}$	$\frac{1}{4}$	$\Phi_{700}^{2}\ \Phi_{350}^{2}\ \Phi_{100}^{2}\ \Phi_{50}^{2}\ \Phi_{28}\ \Phi_{14}$
40581	858	1260	$\frac{29}{315}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{36}\ \Phi_{30}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
40582	858	1120	$\frac{17}{160}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
40583	858	168	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{168}$	$\frac{1}{4}$	$\Phi_{168}^{6}\ \Phi_{84}^{6}\ \Phi_{56}^{6}\ \Phi_{42}^{6}\ \Phi_{28}\ \Phi_{24}^{6}\ \Phi_{21}^{6}\ \Phi_{14}\ \Phi_{12}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{6}$
40584	858	1260	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{45}$	$\frac{37}{180}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
40585	858	120	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{7}{40}$	$\frac{1}{5}$	$\Phi_{120}^8\ \Phi_{60}^8\ \Phi_{40}^5\ \Phi_{30}^8\ \Phi_{24}^8\ \Phi_{20}^5\ \Phi_{15}^{10}\ \Phi_{12}^8\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^8\ \Phi_5^6\ \Phi_4^4\ \Phi_3^{10}\ \Phi_2^4\ \Phi_1^6$
40586	859	1704	$\frac{7}{852}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{845}{1704}$	$\Phi_{1704}\ \Phi_{568}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
40587	859	1560	$\frac{1}{78}$	$\frac{79}{780}$	$\frac{701}{1560}$	$\frac{77}{156}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}\ \Phi_{52}\ \Phi_{40}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
40588	859	1584	$\frac{1}{66}$	$\frac{67}{792}$	$\frac{725}{1584}$	$\frac{65}{132}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{48}\ \Phi_{44}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
40589	859	1188	$\frac{1}{66}$	$\frac{67}{396}$	$\frac{329}{1188}$	$\frac{65}{132}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{132}\ \Phi_{108}\ \Phi_{54}\ \Phi_{44}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
40590	859	1056	$\frac{1}{66}$	$\frac{197}{1056}$	$\frac{67}{264}$	$\frac{65}{132}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{48}\ \Phi_{44}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
40591	859	1692	$\frac{13}{846}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{833}{1692}$	$\Phi_{1692}\ \Phi_{564}\ \Phi_{188}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
40592	859	984	$\frac{2}{123}$	$\frac{125}{984}$	$\frac{1}{3}$	$\frac{121}{246}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{328}\ \Phi_{164}\ \Phi_{123}\ \Phi_{41}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
40593	859	1152	$\frac{5}{288}$	$\frac{1}{6}$	$\frac{293}{1152}$	$\frac{283}{576}$	$\Phi_{1152}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
40594	859	1680	$\frac{19}{840}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{821}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{80}\ \Phi_{48}\ \Phi_{21}\ \Phi_{16}\ \Phi_7\ \Phi_1$
40595	859	1680	$\frac{19}{840}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{821}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{80}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
40596	859	1672	$\frac{23}{836}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{813}{1672}$	$\Phi_{1672}\ \Phi_{152}\ \Phi_{88}\ \Phi_{44}\ \Phi_8\ \Phi_4\ \Phi_1$
40597	859	1664	$\frac{27}{832}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{805}{1664}$	$\Phi_{1664}\ \Phi_{128}\ \Phi_{52}\ \Phi_4\ \Phi_1$
40598	859	1656	$\frac{31}{828}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{797}{1656}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{184}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
40599	859	1248	$\frac{1}{26}$	$\frac{27}{416}$	$\frac{389}{1248}$	$\frac{25}{52}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
40600	859	936	$\frac{1}{26}$	$\frac{77}{936}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
40601	859	1040	$\frac{1}{26}$	$\frac{27}{208}$	$\frac{181}{1040}$	$\frac{25}{52}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
40602	859	960	$\frac{5}{96}$	$\frac{101}{960}$	$\frac{1}{6}$	$\frac{91}{192}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
40603	859	1632	$\frac{43}{816}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{773}{1632}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
40604	859	1620	$\frac{49}{810}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{761}{1620}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{324}\ \Phi_{180}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
40605	859	1584	$\frac{1}{33}$	$\frac{67}{792}$	$\frac{32}{99}$	$\frac{725}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{48}\ \Phi_{16}\ \Phi_9\ \Phi_1$
40606	859	1584	$\frac{1}{22}$	$\frac{67}{792}$	$\frac{21}{88}$	$\frac{725}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{88}\ \Phi_{48}\ \Phi_{44}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
40607	859	1584	$\frac{5}{72}$	$\frac{67}{792}$	$\frac{1}{6}$	$\frac{725}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
40608	859	882	$\frac{23}{882}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{882}\ \Phi_{441}\ \Phi_{294}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{63}\ \Phi_{49}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_1$
40609	859	1188	$\frac{1}{33}$	$\frac{32}{297}$	$\frac{329}{1188}$	$\frac{265}{594}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{297}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
40610	859	1540	$\frac{1}{22}$	$\frac{89}{770}$	$\frac{21}{110}$	$\frac{681}{1540}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
40611	859	1536	$\frac{5}{96}$	$\frac{91}{768}$	$\frac{1}{6}$	$\frac{677}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
40612	859	1056	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{197}{1056}$	$\frac{155}{352}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
40613	859	1512	$\frac{5}{108}$	$\frac{103}{756}$	$\frac{1}{6}$	$\frac{653}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{168}\ \Phi_{108}\ \Phi_{72}\ \Phi_{56}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
40614	859	1476	$\frac{2}{123}$	$\frac{121}{738}$	$\frac{1}{3}$	$\frac{617}{1476}$	$\Phi_{1476}\ \Phi_{492}\ \Phi_{164}\ \Phi_{123}\ \Phi_{41}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
40615	859	1440	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{139}{720}$	$\frac{581}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
40616	859	1408	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{155}{704}$	$\frac{549}{1408}$	$\Phi_{1408}\ \Phi_{176}\ \Phi_{128}\ \Phi_{88}\ \Phi_{44}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
40617	859	1404	$\frac{1}{78}$	$\frac{157}{702}$	$\frac{77}{234}$	$\frac{545}{1404}$	$\Phi_{1404}\ \Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{108}\ \Phi_{52}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
40618	859	1248	$\frac{1}{78}$	$\frac{77}{312}$	$\frac{389}{1248}$	$\frac{235}{624}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}\ \Phi_{52}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
40619	859	1320	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{199}{660}$	$\frac{461}{1320}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{220}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
40620	859	990	$\frac{1}{33}$	$\frac{131}{990}$	$\frac{32}{99}$	$\frac{67}{198}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
40621	859	1296	$\frac{5}{216}$	$\frac{1}{6}$	$\frac{211}{648}$	$\frac{437}{1296}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
40622	859	1107	$\frac{2}{123}$	$\frac{248}{1107}$	$\frac{121}{369}$	$\frac{1}{3}$	$\Phi_{1107}\ \Phi_{123}\ \Phi_{41}\ \Phi_{27}\ \Phi_{1}$
40623	859	1260	$\frac{19}{420}$	$\frac{2}{21}$	$\frac{401}{1260}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
40624	859	924	$\frac{65}{924}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{21}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
40625	859	1050	$\frac{19}{210}$	$\frac{2}{21}$	$\frac{191}{1050}$	$\frac{1}{3}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{175}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
40626	859	945	$\frac{86}{945}$	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}\ \Phi_{63}\ \Phi_{45}\ \Phi_{27}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
40627	859	1008	$\frac{2}{21}$	$\frac{19}{168}$	$\frac{149}{1008}$	$\frac{1}{3}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
40628	859	1188	$\frac{1}{33}$	$\frac{67}{396}$	$\frac{329}{1188}$	$\frac{32}{99}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{108}\ \Phi_{99}\ \Phi_{54}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
40629	859	972	$\frac{5}{54}$	$\frac{113}{972}$	$\frac{1}{6}$	$\frac{49}{162}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
40630	859	1152	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{91}{384}$	$\frac{293}{1152}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
40631	859	1056	$\frac{1}{22}$	$\frac{197}{1056}$	$\frac{21}{88}$	$\frac{67}{264}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{176}\ \Phi_{96}\ \Phi_{88}\ \Phi_{48}\ \Phi_{44}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
40632	859	960	$\frac{101}{960}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
40633	859	1008	$\frac{19}{168}$	$\frac{149}{1008}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
40634	859	1080	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{270}$	$\frac{221}{1080}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
40635	860	1284	$\frac{1}{214}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{213}{428}$	$\Phi_{1284}\ \Phi_{428}^2\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
40636	860	1368	$\frac{1}{171}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{85}{171}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{171}\ \Phi_{152}\ \Phi_{72}\ \Phi_{57}\ \Phi_{24}\ \Phi_{19}\ \Phi_{9}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
40637	860	2130	$\frac{2}{213}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{211}{426}$	$\Phi_{2130}\ \Phi_{710}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
40638	860	765	$\frac{1}{85}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{42}{85}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}\ \Phi_{85}^2\ \Phi_{51}\ \Phi_{45}\ \Phi_{17}^2\ \Phi_{15}\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
40639	860	510	$\frac{1}{85}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{42}{85}$	$\Phi_{510}^2\ \Phi_{255}\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{17}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{6}^4\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
40640	860	859	$\frac{11}{859}$	$\frac{87}{859}$	$\frac{386}{859}$	$\frac{424}{859}$	$\Phi_{859}\ \Phi_{1}^2$
40641	860	1440	$\frac{1}{72}$	$\frac{1}{5}$	$\frac{73}{288}$	$\frac{71}{144}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{360}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
40642	860	2120	$\frac{3}{212}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{209}{424}$	$\Phi_{2120}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
40643	860	1038	$\frac{3}{173}$	$\frac{1}{6}$	$\frac{44}{173}$	$\frac{85}{173}$	$\Phi_{1038}\ \Phi_{519}\ \Phi_{346}$
40644	860	859	$\frac{17}{859}$	$\frac{128}{859}$	$\frac{219}{859}$	$\frac{421}{859}$	$\Phi_{859}\ \Phi_{1}^2$
40645	860	1293	$\frac{9}{431}$	$\frac{44}{431}$	$\frac{1}{3}$	$\frac{211}{431}$	Φ_{1293}
40646	860	1596	$\frac{1}{42}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{41}{84}$	$\Phi_{1596}\ \Phi_{532}\ \Phi_{228}\ \Phi_{84}^2\ \Phi_{76}\ \Phi_{28}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
40647	860	924	$\frac{1}{42}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{924}^2\ \Phi_{308}^2\ \Phi_{132}^2\ \Phi_{44}^2\ \Phi_{33}$
40648	860	1596	$\frac{1}{42}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{41}{84}$	$\Phi_{1596}\ \Phi_{532}\ \Phi_{228}\ \Phi_{84}^2\ \Phi_{76}\ \Phi_{28}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
40649	860	420	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{41}{84}$	$\Phi_{420}^5\ \Phi_{140}^5\ \Phi_{60}^5\ \Phi_{30}\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{10}$
40650	860	2080	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{201}{416}$	$\Phi_{2080}\ \Phi_{160}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
40651	860	638	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{638}^2\ \Phi_{319}\ \Phi_{22}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
40652	860	2070	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{199}{414}$	$\Phi_{2070}\ \Phi_{690}\ \Phi_{230}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
40653	860	240	$\frac{1}{24}$	$\frac{5}{48}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{240}^4\ \Phi_{120}^5\ \Phi_{80}^4\ \Phi_{60}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_5^4$
40654	860	855	$\frac{2}{45}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{171}\ \Phi_{95}\ \Phi_{45}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_1^2$
40655	860	1197	$\frac{1}{21}$	$\frac{1}{19}$	$\frac{20}{63}$	$\frac{9}{19}$	$\Phi_{1197}\ \Phi_{171}\ \Phi_{63}^2\ \Phi_{19}\ \Phi_9^2\ \Phi_1^2$
40656	860	1064	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{9}{19}$	$\Phi_{1064}\ \Phi_{532}\ \Phi_{152}\ \Phi_{76}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
40657	860	912	$\frac{1}{19}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{76}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
40658	860	931	$\frac{1}{19}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{9}{19}$	$\Phi_{931}\ \Phi_{49}^2\ \Phi_{19}\ \Phi_1^2$
40659	860	2040	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{193}{408}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
40660	860	1680	$\frac{1}{21}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
40661	860	1980	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{1}{5}$	$\frac{181}{396}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{220}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
40662	860	396	$\frac{1}{44}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^3\ \Phi_{99}^2\ \Phi_{66}^3\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
40663	860	45	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{45}^{19}\ \Phi_{15}^{19}\ \Phi_9^{20}\ \Phi_5^{18}\ \Phi_3^{20}\ \Phi_1^{20}$
40664	860	153	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{8}{51}$	$\frac{4}{9}$	$\Phi_{153}^5\ \Phi_{51}^7\ \Phi_{17}^6\ \Phi_9^6\ \Phi_3^8\ \Phi_1^8$
40665	860	1920	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{1}{5}$	$\frac{169}{384}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
40666	860	1120	$\frac{9}{224}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
40667	860	1890	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{1}{5}$	$\frac{163}{378}$	$\Phi_{1890}\ \Phi_{630}\ \Phi_{270}\ \Phi_{210}\ \Phi_{135}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
40668	860	308	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{308}^3\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{44}^2\ \Phi_{28}^3\ \Phi_{22}^2\ \Phi_{14}^3\ \Phi_{11}^2\ \Phi_4^2\ \Phi_2^2$
40669	860	360	$\frac{1}{36}$	$\frac{7}{36}$	$\frac{1}{5}$	$\frac{29}{72}$	$\Phi_{360}^5\ \Phi_{180}\ \Phi_{120}^5\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}^5\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
40670	860	859	$\frac{14}{859}$	$\frac{169}{859}$	$\frac{257}{859}$	$\frac{345}{859}$	$\Phi_{859}\ \Phi_1^2$
40671	860	1293	$\frac{6}{431}$	$\frac{85}{431}$	$\frac{1}{3}$	$\frac{173}{431}$	Φ_{1293}
40672	860	696	$\frac{1}{87}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{696}^2\ \Phi_{232}^2\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
40673	860	456	$\frac{1}{57}$	$\frac{14}{57}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{456}^3\ \Phi_{152}^3\ \Phi_{57}^3\ \Phi_{24}^3\ \Phi_{19}^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
40674	860	440	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^4\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
40675	860	360	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^4\ \Phi_{120}^4\ \Phi_{72}^3\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{24}^3\ \Phi_{15}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
40676	860	336	$\frac{1}{21}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{336}^3\ \Phi_{168}^2\ \Phi_{112}^3\ \Phi_{84}^3\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
40677	860	760	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{760}^2\ \Phi_{152}\ \Phi_{95}^2\ \Phi_{40}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_5^2\ \Phi_1^2$
40678	860	462	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{462}^3\ \Phi_{231}\ \Phi_{154}^3\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{42}^3\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{14}^3\ \Phi_6^2\ \Phi_2^2$
40679	860	1620	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{53}{162}$	$\frac{109}{324}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
40680	860	321	$\frac{1}{107}$	$\frac{106}{321}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{321}^3\ \Phi_{107}^2\ \Phi_3^4\ \Phi_1^4$
40681	860	321	$\frac{2}{107}$	$\frac{21}{107}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{321}^2\ \Phi_{107}^4\ \Phi_3^3\ \Phi_1^6$
40682	860	132	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{132}^7\ \Phi_{66}^7\ \Phi_{44}^6\ \Phi_{33}^7\ \Phi_{22}^6\ \Phi_{12}^7\ \Phi_{11}^6\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
40683	860	495	$\frac{2}{45}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{55}^2\ \Phi_{33}$
40684	860	693	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{99}^2\ \Phi_{33}$
40685	860	1188	$\frac{1}{44}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{132}\ \Phi_{108}\ \Phi_{66}\ \Phi_{54}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
40686	860	1848	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{264}\ \Phi_{132}\ \Phi_{33}$
40687	860	855	$\frac{2}{45}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{171}\ \Phi_{95}\ \Phi_{45}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_1^2$
40688	860	90	$\frac{2}{45}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{90}^{12}\ \Phi_{45}^8\ \Phi_{30}^{10}\ \Phi_{18}^{12}\ \Phi_{15}^7\ \Phi_{10}^{10}\ \Phi_9^8\ \Phi_6^{12}\ \Phi_5^6\ \Phi_3^8\ \Phi_2^{12}\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
40689	860	1155	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}$
40690	860	102	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{102}^{10}\ \Phi_{51}^{7}\ \Phi_{34}^{10}\ \Phi_{17}^{6}\ \Phi_{6}^{12}\ \Phi_{3}^{8}\ \Phi_{2}^{12}\ \Phi_{1}^{8}$
40691	860	528	$\frac{1}{11}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{528}^{2}\ \Phi_{264}^{2}\ \Phi_{176}^{2}\ \Phi_{132}^{2}\ \Phi_{88}^{2}\ \Phi_{44}^{2}\ \Phi_{33}$
40692	860	1617	$\frac{1}{11}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1617}\ \Phi_{33}$
40693	860	1197	$\frac{1}{21}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{20}{63}$	$\Phi_{1197}\ \Phi_{171}\ \Phi_{63}^{2}\ \Phi_{19}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
40694	860	630	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{20}{63}$	$\Phi_{630}^{3}\ \Phi_{315}^{2}\ \Phi_{90}^{3}\ \Phi_{45}^{2}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
40695	860	1560	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{97}{312}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
40696	860	420	$\frac{1}{21}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{3}\ \Phi_{70}^{2}\ \Phi_{60}\ \Phi_{42}^{3}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{28}^{3}\ \Phi_{21}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
40697	860	1440	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{23}{96}$	$\frac{73}{288}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
40698	860	1064	$\frac{1}{14}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{13}{56}$	$\Phi_{1064}\ \Phi_{532}\ \Phi_{152}\ \Phi_{76}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{19}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
40699	860	840	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{13}{56}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}\ \Phi_{140}\ \Phi_{120}^{2}\ \Phi_{60}^{2}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
40700	860	912	$\frac{5}{48}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{76}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{19}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
40701	860	931	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{931}\ \Phi_{49}^{2}\ \Phi_{19}\ \Phi_{1}^{2}$
40702	860	270	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{1}{5}$	$\frac{11}{54}$	$\Phi_{270}^{5}\ \Phi_{135}^{3}\ \Phi_{90}^{5}\ \Phi_{45}^{3}\ \Phi_{30}^{5}\ \Phi_{15}^{3}\ \Phi_{10}^{5}\ \Phi_{5}^{2}$
40703	860	240	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{240}^{5}\ \Phi_{120}^{5}\ \Phi_{80}^{5}\ \Phi_{60}^{5}\ \Phi_{40}^{5}\ \Phi_{30}\ \Phi_{20}^{5}\ \Phi_{15}\ \Phi_{10}$
40704	860	1260	$\frac{5}{42}$	$\frac{37}{252}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{180}\ \Phi_{140}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
40705	860	1470	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
40706	861	1376	$\frac{1}{172}$	$\frac{173}{688}$	$\frac{515}{1376}$	$\frac{171}{344}$	$\Phi_{1376}\ \Phi_{344}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
40707	861	1712	$\frac{5}{856}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{851}{1712}$	$\Phi_{1712}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
40708	861	1140	$\frac{2}{285}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{283}{570}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
40709	861	732	$\frac{1}{122}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{121}{244}$	$\Phi_{366}^{2}\ \Phi_{244}\ \Phi_{183}^{2}\ \Phi_{122}^{2}\ \Phi_{61}^{2}\ \Phi_{12}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
40710	861	2196	$\frac{1}{122}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{121}{244}$	$\Phi_{2196}\ \Phi_{244}\ \Phi_{36}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
40711	861	384	$\frac{1}{96}$	$\frac{1}{4}$	$\frac{97}{384}$	$\frac{95}{192}$	$\Phi_{384}^{3}\ \Phi_{128}^{3}\ \Phi_{96}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
40712	861	568	$\frac{3}{284}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{281}{568}$	$\Phi_{568}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
40713	861	1696	$\frac{13}{848}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{835}{1696}$	$\Phi_{1696}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
40714	861	564	$\frac{5}{282}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{277}{564}$	$\Phi_{564}\ \Phi_{282}^{2}\ \Phi_{188}\ \Phi_{141}^{2}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
40715	861	80	$\frac{1}{40}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{39}{80}$	$\Phi_{80}^{21}\ \Phi_{40}\ \Phi_{16}^{21}\ \Phi_{8}\ \Phi_{1}$
40716	861	80	$\frac{1}{40}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{39}{80}$	$\Phi_{80}^{21}\ \Phi_{16}^{21}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
40717	861	80	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{39}{80}$	$\Phi_{80}^{21}\ \Phi_{16}^{21}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
40718	861	400	$\frac{1}{40}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{39}{80}$	$\Phi_{400}^{5}\ \Phi_{80}\ \Phi_{25}\ \Phi_{16}\ \Phi_{1}$
40719	861	1116	$\frac{8}{279}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{271}{558}$	$\Phi_{1116}\ \Phi_{372}\ \Phi_{279}\ \Phi_{124}\ \Phi_{93}\ \Phi_{36}^{2}\ \Phi_{31}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
40720	861	1160	$\frac{9}{290}$	$\frac{1}{10}$	$\frac{299}{1160}$	$\frac{281}{580}$	$\Phi_{1160}\ \Phi_{290}\ \Phi_{232}\ \Phi_{145}\ \Phi_{58}\ \Phi_{40}\ \Phi_{29}\ \Phi_{8}\ \Phi_{1}$
40721	861	320	$\frac{1}{32}$	$\frac{33}{320}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{80}^{3}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
40722	861	1664	$\frac{29}{832}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{803}{1664}$	$\Phi_{1664}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
40723	861	552	$\frac{11}{276}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{265}{552}$	$\Phi_{552}^{3}\ \Phi_{184}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
40724	861	120	$\frac{1}{20}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{19}{40}$	$\Phi_{120}^{20}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}^{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
40725	861	440	$\frac{1}{20}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{440}^4\ \Phi_{88}^4\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
40726	861	160	$\frac{1}{20}$	$\frac{3}{40}$	$\frac{37}{160}$	$\frac{19}{40}$	$\Phi_{160}^7\ \Phi_{80}^7\ \Phi_{40}\ \Phi_{32}^7\ \Phi_{16}^7\ \Phi_8\ \Phi_1$
40727	861	360	$\frac{1}{20}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{360}^5\ \Phi_{120}^5\ \Phi_{72}^5\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}^5\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
40728	861	200	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{19}{40}$	$\Phi_{200}^{10}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_8\ \Phi_1$
40729	861	320	$\frac{1}{20}$	$\frac{33}{320}$	$\frac{7}{40}$	$\frac{19}{40}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8\ \Phi_1$
40730	861	240	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{19}{40}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^5\ \Phi_{40}\ \Phi_{30}^4\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
40731	861	858	$\frac{1}{22}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{858}\ \Phi_{429}\ \Phi_{286}\ \Phi_{143}\ \Phi_{66}^2\ \Phi_{39}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{13}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
40732	861	544	$\frac{15}{272}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{257}{544}$	$\Phi_{544}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
40733	861	540	$\frac{1}{18}$	$\frac{17}{270}$	$\frac{1}{4}$	$\frac{253}{540}$	$\Phi_{540}\ \Phi_{270}^2\ \Phi_{180}\ \Phi_{135}^2\ \Phi_{108}\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
40734	861	616	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{616}^2\ \Phi_{154}^2\ \Phi_{88}^2\ \Phi_{77}^2\ \Phi_{56}\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_8\ \Phi_7\ \Phi_1$
40735	861	1600	$\frac{1}{20}$	$\frac{61}{800}$	$\frac{19}{80}$	$\frac{739}{1600}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{16}\ \Phi_8\ \Phi_1$
40736	861	528	$\frac{1}{24}$	$\frac{23}{264}$	$\frac{1}{4}$	$\frac{241}{528}$	$\Phi_{528}^3\ \Phi_{176}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
40737	861	128	$\frac{5}{128}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{128}^7\ \Phi_{64}^6\ \Phi_{32}^7\ \Phi_{16}^7\ \Phi_8^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
40738	861	516	$\frac{1}{43}$	$\frac{29}{258}$	$\frac{14}{43}$	$\frac{229}{516}$	$\Phi_{516}^3\ \Phi_{172}^3\ \Phi_{43}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
40739	861	43	$\frac{2}{43}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{43}^{20}\ \Phi_1^{21}$
40740	861	512	$\frac{1}{32}$	$\frac{31}{256}$	$\frac{1}{4}$	$\frac{225}{512}$	$\Phi_{512}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
40741	861	72	$\frac{1}{36}$	$\frac{5}{36}$	$\frac{1}{4}$	$\frac{31}{72}$	$\Phi_{72}^{21}\ \Phi_{36}^3\ \Phi_{24}^{21}\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^{21}\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
40742	861	792	$\frac{1}{22}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{792}^2\ \Phi_{264}^2\ \Phi_{88}^2\ \Phi_{72}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
40743	861	172	$\frac{1}{43}$	$\frac{6}{43}$	$\frac{49}{172}$	$\frac{37}{86}$	$\Phi_{172}^7\ \Phi_{43}^6\ \Phi_4^7\ \Phi_1^7$
40744	861	732	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{20}{61}$	$\frac{5}{12}$	$\Phi_{732}^2\ \Phi_{244}^2\ \Phi_{61}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
40745	861	84	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{84}^8\ \Phi_{42}^{13}\ \Phi_{28}^8\ \Phi_{21}^{13}\ \Phi_{14}^{13}\ \Phi_{12}^7\ \Phi_7^{13}\ \Phi_6^{11}\ \Phi_4^6\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
40746	861	528	$\frac{1}{22}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{48}\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
40747	861	770	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{770}\ \Phi_{385}\ \Phi_{154}^2\ \Phi_{110}\ \Phi_{77}^2\ \Phi_{55}\ \Phi_{35}\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_5\ \Phi_1$
40748	861	480	$\frac{1}{48}$	$\frac{47}{240}$	$\frac{1}{4}$	$\frac{193}{480}$	$\Phi_{480}^3\ \Phi_{160}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
40749	861	95	$\frac{4}{95}$	$\frac{13}{95}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{95}^9\ \Phi_{19}^9\ \Phi_5^{10}\ \Phi_1^{11}$
40750	861	45	$\frac{1}{15}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{45}^{21}\ \Phi_{15}^{15}\ \Phi_9^{21}\ \Phi_5^{16}\ \Phi_3^{15}\ \Phi_1^{17}$
40751	861	320	$\frac{1}{20}$	$\frac{33}{320}$	$\frac{19}{80}$	$\frac{61}{160}$	$\Phi_{320}^3\ \Phi_{160}^2\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
40752	861	128	$\frac{5}{128}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{128}^7\ \Phi_{64}^7\ \Phi_{32}^7\ \Phi_{16}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
40753	861	300	$\frac{13}{300}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^3\ \Phi_{30}^3\ \Phi_{25}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
40754	861	43	$\frac{2}{43}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{43}^{20}\ \Phi_1^{21}$
40755	861	440	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{67}{220}$	$\frac{153}{440}$	$\Phi_{440}^3\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}^3\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}^3\ \Phi_{22}\ \Phi_{11}\ \Phi_8^3\ \Phi_1$
40756	861	248	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{10}{31}$	$\frac{21}{62}$	$\Phi_{248}^4\ \Phi_{124}^4\ \Phi_{62}\ \Phi_{31}^3\ \Phi_8^3\ \Phi_4^3\ \Phi_1^3$
40757	861	344	$\frac{1}{43}$	$\frac{57}{344}$	$\frac{14}{43}$	$\frac{29}{86}$	$\Phi_{344}^3\ \Phi_{172}^3\ \Phi_{43}^2\ \Phi_8^3\ \Phi_4^3\ \Phi_1^3$
40758	861	432	$\frac{1}{72}$	$\frac{1}{4}$	$\frac{71}{216}$	$\frac{145}{432}$	$\Phi_{432}^3\ \Phi_{144}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
40759	861	549	$\frac{1}{61}$	$\frac{2}{9}$	$\frac{20}{61}$	$\frac{1}{3}$	$\Phi_{549}^2\ \Phi_{61}^2\ \Phi_9^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
40760	861	252	$\frac{1}{42}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^{6}\ \Phi_{126}^{3}\ \Phi_{84}^{2}\ \Phi_{63}^{3}\ \Phi_{42}\ \Phi_{36}^{5}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{18}^{2}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
40761	861	684	$\frac{2}{57}$	$\frac{55}{342}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{684}^{2}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{76}\ \Phi_{57}\ \Phi_{36}^{2}\ \Phi_{19}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
40762	861	300	$\frac{13}{300}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^{3}\ \Phi_{150}^{3}\ \Phi_{100}^{3}\ \Phi_{75}^{3}\ \Phi_{60}^{2}\ \Phi_{50}^{3}\ \Phi_{30}^{2}\ \Phi_{25}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
40763	861	387	$\frac{1}{43}$	$\frac{29}{129}$	$\frac{100}{387}$	$\frac{14}{43}$	$\Phi_{387}^{3}\ \Phi_{43}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
40764	861	60	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{19}{60}$	$\Phi_{60}^{21}\ \Phi_{30}^{21}\ \Phi_{15}^{21}\ \Phi_{12}^{21}\ \Phi_{10}^{2}\ \Phi_{6}^{21}\ \Phi_{5}^{2}\ \Phi_{3}^{21}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
40765	861	120	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{19}{60}$	$\Phi_{120}^{12}\ \Phi_{60}^{9}\ \Phi_{30}^{9}\ \Phi_{24}^{12}\ \Phi_{15}^{9}\ \Phi_{12}^{9}\ \Phi_{8}^{3}\ \Phi_{6}^{9}\ \Phi_{4}^{2}\ \Phi_{3}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
40766	861	300	$\frac{1}{20}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{19}{60}$	$\Phi_{300}^{5}\ \Phi_{150}^{5}\ \Phi_{75}^{5}\ \Phi_{60}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
40767	861	324	$\frac{1}{18}$	$\frac{37}{324}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{324}^{3}\ \Phi_{162}^{3}\ \Phi_{108}\ \Phi_{81}^{3}\ \Phi_{54}^{2}\ \Phi_{36}^{3}\ \Phi_{27}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
40768	861	416	$\frac{29}{416}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{129}{416}$	$\Phi_{416}^{2}\ \Phi_{208}^{2}\ \Phi_{104}^{2}\ \Phi_{52}^{2}\ \Phi_{32}^{3}\ \Phi_{26}^{2}\ \Phi_{16}^{3}\ \Phi_{13}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
40769	861	220	$\frac{3}{44}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{220}^{4}\ \Phi_{110}^{4}\ \Phi_{55}^{4}\ \Phi_{44}^{5}\ \Phi_{22}^{5}\ \Phi_{11}^{5}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
40770	861	90	$\frac{4}{45}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{90}^{10}\ \Phi_{45}^{11}\ \Phi_{30}^{10}\ \Phi_{18}^{10}\ \Phi_{15}^{11}\ \Phi_{10}^{2}\ \Phi_{9}^{11}\ \Phi_{6}^{10}\ \Phi_{5}^{2}\ \Phi_{3}^{11}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
40771	861	50	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{3}{10}$	$\Phi_{50}^{21}\ \Phi_{25}^{21}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
40772	861	320	$\frac{1}{10}$	$\frac{33}{320}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{80}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
40773	861	240	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{3}{10}$	$\Phi_{240}^{4}\ \Phi_{120}^{4}\ \Phi_{80}^{4}\ \Phi_{60}^{4}\ \Phi_{48}^{5}\ \Phi_{30}^{4}\ \Phi_{24}^{5}\ \Phi_{16}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_{6}^{5}\ \Phi_{5}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
40774	861	400	$\frac{1}{20}$	$\frac{61}{400}$	$\frac{19}{80}$	$\frac{113}{400}$	$\Phi_{400}^{2}\ \Phi_{200}^{2}\ \Phi_{100}^{2}\ \Phi_{80}^{3}\ \Phi_{50}^{2}\ \Phi_{40}^{3}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
40775	861	594	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{594}^{2}\ \Phi_{297}^{2}\ \Phi_{66}^{2}\ \Phi_{54}\ \Phi_{33}^{2}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
40776	861	384	$\frac{1}{32}$	$\frac{31}{128}$	$\frac{1}{4}$	$\frac{97}{384}$	$\Phi_{384}^{3}\ \Phi_{192}^{3}\ \Phi_{96}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
40777	861	88	$\frac{3}{44}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{88}^{12}\ \Phi_{44}^{9}\ \Phi_{22}^{9}\ \Phi_{11}^{9}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
40778	861	160	$\frac{3}{40}$	$\frac{1}{8}$	$\frac{37}{160}$	$\frac{1}{4}$	$\Phi_{160}^{7}\ \Phi_{80}^{7}\ \Phi_{32}^{7}\ \Phi_{16}^{7}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
40779	861	360	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{73}{360}$	$\frac{1}{4}$	$\Phi_{360}^{3}\ \Phi_{180}\ \Phi_{120}^{3}\ \Phi_{90}^{2}\ \Phi_{72}^{3}\ \Phi_{60}\ \Phi_{45}^{2}\ \Phi_{40}^{3}\ \Phi_{36}^{3}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{20}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
40780	861	1100	$\frac{3}{44}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{44}\ \Phi_{25}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
40781	861	360	$\frac{4}{45}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{360}^{3}\ \Phi_{180}^{2}\ \Phi_{120}^{3}\ \Phi_{90}^{2}\ \Phi_{72}^{3}\ \Phi_{60}^{2}\ \Phi_{45}^{3}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
40782	861	200	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{50}$	$\frac{1}{4}$	$\Phi_{200}^{6}\ \Phi_{100}^{4}\ \Phi_{50}^{5}\ \Phi_{25}^{5}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
40783	861	320	$\frac{33}{320}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{80}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
40784	861	280	$\frac{17}{140}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{280}^{4}\ \Phi_{140}^{3}\ \Phi_{70}^{3}\ \Phi_{56}^{4}\ \Phi_{35}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
40785	861	48	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{4}$	$\Phi_{48}^{21}\ \Phi_{24}^{21}\ \Phi_{16}^{21}\ \Phi_{12}^{21}\ \Phi_{8}^{3}\ \Phi_{6}^{21}\ \Phi_{4}^{2}\ \Phi_{3}^{21}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
40786	861	225	$\frac{4}{45}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{225}^{5}\ \Phi_{75}^{5}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
40787	861	50	$\frac{1}{10}$	$\frac{4}{25}$	$\frac{9}{50}$	$\frac{1}{5}$	$\Phi_{50}^{16}\ \Phi_{25}^{17}\ \Phi_{10}^{20}\ \Phi_{5}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
40788	861	1200	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{48}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
40789	862	858	$\frac{2}{429}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{427}{858}$	$\Phi_{858}^{2}\ \Phi_{286}^{2}\ \Phi_{78}^{2}\ \Phi_{66}^{2}\ \Phi_{26}^{2}\ \Phi_{22}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
40790	862	576	$\frac{1}{144}$	$\frac{145}{576}$	$\frac{1}{3}$	$\frac{143}{288}$	$\Phi_{576}^{2}\ \Phi_{192}^{2}\ \Phi_{144}^{2}\ \Phi_{72}^{2}\ \Phi_{64}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
40791	862	2568	$\frac{3}{428}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{425}{856}$	$\Phi_{2568}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
40792	862	738	$\frac{1}{123}$	$\frac{62}{369}$	$\frac{307}{738}$	$\frac{61}{123}$	$\Phi_{738}^{2}\ \Phi_{246}^{2}\ \Phi_{123}\ \Phi_{82}^{2}\ \Phi_{41}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
40793	862	855	$\frac{7}{855}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{424}{855}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{171}\ \Phi_{95}\ \Phi_{57}\ \Phi_{45}\ \Phi_{19}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
40794	862	854	$\frac{4}{427}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{423}{854}$	$\Phi_{854}^2\ \Phi_{122}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
40795	862	852	$\frac{5}{426}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{421}{852}$	$\Phi_{852}^2\ \Phi_{284}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
40796	862	2544	$\frac{7}{424}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{417}{848}$	$\Phi_{2544}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
40797	862	846	$\frac{8}{423}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{415}{846}$	$\Phi_{846}^2\ \Phi_{282}^2\ \Phi_{94}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
40798	862	480	$\frac{1}{48}$	$\frac{49}{480}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
40799	862	820	$\frac{1}{41}$	$\frac{21}{410}$	$\frac{389}{820}$	$\frac{20}{41}$	$\Phi_{820}^2\ \Phi_{164}^2\ \Phi_{41}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
40800	862	615	$\frac{1}{41}$	$\frac{21}{205}$	$\frac{184}{615}$	$\frac{20}{41}$	$\Phi_{615}^2\ \Phi_{123}^2\ \Phi_{41}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
40801	862	492	$\frac{1}{41}$	$\frac{61}{492}$	$\frac{21}{82}$	$\frac{20}{41}$	$\Phi_{492}^2\ \Phi_{246}^2\ \Phi_{164}^2\ \Phi_{123}^2\ \Phi_{41}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
40802	862	840	$\frac{11}{420}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{409}{840}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_8^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
40803	862	840	$\frac{11}{420}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{409}{840}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
40804	862	840	$\frac{11}{420}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{409}{840}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
40805	862	837	$\frac{25}{837}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{406}{837}$	$\Phi_{837}\ \Phi_{279}\ \Phi_{93}\ \Phi_{31}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
40806	862	2496	$\frac{15}{416}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{401}{832}$	$\Phi_{2496}\ \Phi_{192}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
40807	862	828	$\frac{17}{414}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{397}{828}$	$\Phi_{828}^2\ \Phi_{276}^2\ \Phi_{92}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
40808	862	630	$\frac{1}{21}$	$\frac{11}{210}$	$\frac{199}{630}$	$\frac{10}{21}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
40809	862	462	$\frac{1}{21}$	$\frac{31}{462}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{11}^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
40810	862	525	$\frac{1}{21}$	$\frac{11}{105}$	$\frac{94}{525}$	$\frac{10}{21}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
40811	862	504	$\frac{1}{21}$	$\frac{11}{84}$	$\frac{73}{504}$	$\frac{10}{21}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
40812	862	819	$\frac{1}{21}$	$\frac{43}{819}$	$\frac{20}{63}$	$\frac{388}{819}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{117}\ \Phi_{91}\ \Phi_{63}^2\ \Phi_{39}\ \Phi_{21}\ \Phi_{13}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
40813	862	816	$\frac{1}{24}$	$\frac{23}{408}$	$\frac{1}{3}$	$\frac{385}{816}$	$\Phi_{816}^2\ \Phi_{272}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
40814	862	1344	$\frac{17}{448}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
40815	862	810	$\frac{1}{27}$	$\frac{26}{405}$	$\frac{1}{3}$	$\frac{379}{810}$	$\Phi_{810}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
40816	862	588	$\frac{1}{21}$	$\frac{10}{147}$	$\frac{157}{588}$	$\frac{137}{294}$	$\Phi_{588}^2\ \Phi_{196}^2\ \Phi_{147}^2\ \Phi_{84}^2\ \Phi_{49}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
40817	862	792	$\frac{1}{36}$	$\frac{35}{396}$	$\frac{1}{3}$	$\frac{361}{792}$	$\Phi_{792}^2\ \Phi_{264}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
40818	862	768	$\frac{1}{48}$	$\frac{47}{384}$	$\frac{1}{3}$	$\frac{337}{768}$	$\Phi_{768}^2\ \Phi_{256}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
40819	862	756	$\frac{1}{54}$	$\frac{53}{378}$	$\frac{1}{3}$	$\frac{325}{756}$	$\Phi_{756}^2\ \Phi_{252}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
40820	862	756	$\frac{1}{21}$	$\frac{53}{378}$	$\frac{10}{63}$	$\frac{325}{756}$	$\Phi_{756}^2\ \Phi_{252}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
40821	862	504	$\frac{1}{21}$	$\frac{73}{504}$	$\frac{10}{63}$	$\frac{53}{126}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
40822	862	735	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{127}{735}$	$\frac{304}{735}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}^2\ \Phi_{105}\ \Phi_{49}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
40823	862	720	$\frac{1}{72}$	$\frac{71}{360}$	$\frac{1}{3}$	$\frac{289}{720}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
40824	862	448	$\frac{17}{448}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{448}^2\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{64}^2\ \Phi_{56}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
40825	862	651	$\frac{6}{217}$	$\frac{1}{7}$	$\frac{211}{651}$	$\frac{220}{651}$	$\Phi_{651}\ \Phi_{217}^2\ \Phi_{93}\ \Phi_{31}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
40826	862	648	$\frac{1}{108}$	$\frac{107}{324}$	$\frac{1}{3}$	$\frac{217}{648}$	$\Phi_{648}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
40827	862	468	$\frac{2}{39}$	$\frac{37}{468}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
40828	862	462	$\frac{2}{33}$	$\frac{31}{462}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
40829	862	486	$\frac{1}{27}$	$\frac{55}{486}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{486}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
40830	862	624	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{193}{624}$	$\frac{1}{3}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}^2\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
40831	862	576	$\frac{1}{48}$	$\frac{47}{192}$	$\frac{145}{576}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
40832	862	513	$\frac{7}{171}$	$\frac{82}{513}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{513}^2\ \Phi_{171}\ \Phi_{57}\ \Phi_{27}^2\ \Phi_{19}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
40833	862	450	$\frac{19}{450}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
40834	862	540	$\frac{1}{27}$	$\frac{26}{135}$	$\frac{109}{540}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
40835	862	480	$\frac{1}{12}$	$\frac{49}{480}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
40836	862	504	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{504}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
40837	862	630	$\frac{11}{210}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{199}{630}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
40838	862	567	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{136}{567}$	$\frac{53}{189}$	$\Phi_{567}^2\ \Phi_{81}^2\ \Phi_{63}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
40839	862	462	$\frac{31}{462}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
40840	862	560	$\frac{11}{140}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{129}{560}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
40841	862	490	$\frac{59}{490}$	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{3}{14}$	$\Phi_{490}^2\ \Phi_{245}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
40842	862	504	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{73}{504}$	$\frac{3}{14}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
40843	864	645	$\frac{1}{215}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{107}{215}$	$\Phi_{645}\ \Phi_{215}^2\ \Phi_{129}\ \Phi_{43}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
40844	864	863	$\frac{5}{863}$	$\frac{217}{863}$	$\frac{323}{863}$	$\frac{429}{863}$	$\Phi_{863}\ \Phi_1^2$
40845	864	1299	$\frac{3}{433}$	$\frac{109}{433}$	$\frac{1}{3}$	$\frac{215}{433}$	Φ_{1299}
40846	864	715	$\frac{1}{143}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{71}{143}$	$\Phi_{715}\ \Phi_{143}^2\ \Phi_{65}\ \Phi_{55}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
40847	864	1716	$\frac{1}{143}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{71}{143}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{156}\ \Phi_{132}\ \Phi_{78}\ \Phi_{66}\ \Phi_{12}^2\ \Phi_6^2$
40848	864	863	$\frac{7}{863}$	$\frac{145}{863}$	$\frac{359}{863}$	$\frac{428}{863}$	$\Phi_{863}\ \Phi_1^2$
40849	864	749	$\frac{1}{107}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{53}{107}$	$\Phi_{749}\ \Phi_{107}^2\ \Phi_7^2\ \Phi_1^4$
40850	864	1605	$\frac{1}{107}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{53}{107}$	$\Phi_{1605}\ \Phi_{15}^2$
40851	864	1156	$\frac{3}{289}$	$\frac{1}{4}$	$\frac{73}{289}$	$\frac{143}{289}$	$\Phi_{1156}\ \Phi_{578}\ \Phi_{68}\ \Phi_{34}$
40852	864	863	$\frac{9}{863}$	$\frac{109}{863}$	$\frac{377}{863}$	$\frac{427}{863}$	$\Phi_{863}\ \Phi_1^2$
40853	864	863	$\frac{9}{863}$	$\frac{215}{863}$	$\frac{218}{863}$	$\frac{427}{863}$	$\Phi_{863}\ \Phi_1^2$
40854	864	1520	$\frac{1}{95}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{47}{95}$	$\Phi_{1520}\ \Phi_{304}\ \Phi_{95}\ \Phi_{80}\ \Phi_{19}\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
40855	864	380	$\frac{1}{95}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{47}{95}$	$\Phi_{380}^2\ \Phi_{190}^2\ \Phi_{95}^3\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{20}^2\ \Phi_{19}^3\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
40856	864	1299	$\frac{5}{433}$	$\frac{73}{433}$	$\frac{1}{3}$	$\frac{214}{433}$	Φ_{1299}
40857	864	1085	$\frac{3}{217}$	$\frac{1}{5}$	$\frac{55}{217}$	$\frac{107}{217}$	$\Phi_{1085}\ \Phi_{155}\ \Phi_{35}$
40858	864	781	$\frac{1}{71}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{35}{71}$	$\Phi_{781}\ \Phi_{71}^2\ \Phi_{11}^2\ \Phi_1^4$
40859	864	1491	$\frac{1}{71}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{35}{71}$	$\Phi_{1491}\ \Phi_{21}^2$
40860	864	781	$\frac{1}{71}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{35}{71}$	$\Phi_{781}\ \Phi_{71}^2\ \Phi_{11}^2\ \Phi_1^4$
40861	864	1420	$\frac{1}{71}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{35}{71}$	$\Phi_{1420}\ \Phi_{710}\ \Phi_{20}^2\ \Phi_{10}^2$
40862	864	863	$\frac{13}{863}$	$\frac{73}{863}$	$\frac{395}{863}$	$\frac{425}{863}$	$\Phi_{863}\ \Phi_1^2$
40863	864	863	$\frac{13}{863}$	$\frac{146}{863}$	$\frac{239}{863}$	$\frac{425}{863}$	$\Phi_{863}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
40864	864	863	$\frac{13}{863}$	$\frac{161}{863}$	$\frac{219}{863}$	$\frac{425}{863}$	$\Phi_{863}\ \Phi_1^2$
40865	864	1299	$\frac{7}{433}$	$\frac{55}{433}$	$\frac{1}{3}$	$\frac{213}{433}$	Φ_{1299}
40866	864	1156	$\frac{5}{289}$	$\frac{49}{289}$	$\frac{1}{4}$	$\frac{142}{289}$	$\Phi_{1156}\ \Phi_{578}\ \Phi_{68}\ \Phi_{34}$
40867	864	795	$\frac{1}{53}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{26}{53}$	$\Phi_{795}\ \Phi_{265}\ \Phi_{159}\ \Phi_{53}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
40868	864	477	$\frac{1}{53}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{477}^2\ \Phi_{159}\ \Phi_{53}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
40869	864	265	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{26}{53}$	$\Phi_{265}^3\ \Phi_{53}^4\ \Phi_5^6\ \Phi_1^8$
40870	864	863	$\frac{17}{863}$	$\frac{55}{863}$	$\frac{404}{863}$	$\frac{423}{863}$	$\Phi_{863}\ \Phi_1^2$
40871	864	863	$\frac{17}{863}$	$\frac{110}{863}$	$\frac{251}{863}$	$\frac{423}{863}$	$\Phi_{863}\ \Phi_1^2$
40872	864	1015	$\frac{3}{145}$	$\frac{1}{7}$	$\frac{37}{145}$	$\frac{71}{145}$	$\Phi_{1015}\ \Phi_{203}\ \Phi_{35}$
40873	864	799	$\frac{1}{47}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{23}{47}$	$\Phi_{799}\ \Phi_{47}^2\ \Phi_{17}^2\ \Phi_1^4$
40874	864	1410	$\frac{1}{47}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{282}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
40875	864	799	$\frac{1}{47}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{23}{47}$	$\Phi_{799}\ \Phi_{47}^2\ \Phi_{17}^2\ \Phi_1^4$
40876	864	1316	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{23}{47}$	$\Phi_{1316}\ \Phi_{658}\ \Phi_{28}^2\ \Phi_{14}^2$
40877	864	863	$\frac{19}{863}$	$\frac{49}{863}$	$\frac{407}{863}$	$\frac{422}{863}$	$\Phi_{863}\ \Phi_1^2$
40878	864	863	$\frac{19}{863}$	$\frac{147}{863}$	$\frac{179}{863}$	$\frac{422}{863}$	$\Phi_{863}\ \Phi_1^2$
40879	864	1085	$\frac{5}{217}$	$\frac{37}{217}$	$\frac{1}{5}$	$\frac{106}{217}$	$\Phi_{1085}\ \Phi_{155}\ \Phi_{35}$
40880	864	1156	$\frac{7}{289}$	$\frac{37}{289}$	$\frac{1}{4}$	$\frac{141}{289}$	$\Phi_{1156}\ \Phi_{578}\ \Phi_{68}\ \Phi_{34}$
40881	864	863	$\frac{21}{863}$	$\frac{107}{863}$	$\frac{221}{863}$	$\frac{421}{863}$	$\Phi_{863}\ \Phi_1^2$
40882	864	1299	$\frac{11}{433}$	$\frac{37}{433}$	$\frac{1}{3}$	$\frac{211}{433}$	Φ_{1299}
40883	864	981	$\frac{3}{109}$	$\frac{1}{9}$	$\frac{28}{109}$	$\frac{53}{109}$	$\Phi_{981}\ \Phi_{327}$
40884	864	805	$\frac{1}{35}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{17}{35}$	$\Phi_{805}\ \Phi_{161}\ \Phi_{115}\ \Phi_{35}^2\ \Phi_{23}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
40885	864	1365	$\frac{1}{35}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{1365}\ \Phi_{273}\ \Phi_{195}\ \Phi_{39}^2$
40886	864	805	$\frac{1}{35}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{17}{35}$	$\Phi_{805}\ \Phi_{161}\ \Phi_{115}\ \Phi_{35}^2\ \Phi_{23}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
40887	864	1260	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
40888	864	805	$\frac{1}{35}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{17}{35}$	$\Phi_{805}\ \Phi_{161}\ \Phi_{115}\ \Phi_{35}^2\ \Phi_{23}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
40889	864	35	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{17}{35}$	$\Phi_{35}^{25}\ \Phi_7^{24}\ \Phi_5^{24}\ \Phi_1^{24}$
40890	864	863	$\frac{25}{863}$	$\frac{37}{863}$	$\frac{413}{863}$	$\frac{419}{863}$	$\Phi_{863}\ \Phi_1^2$
40891	864	863	$\frac{25}{863}$	$\frac{74}{863}$	$\frac{263}{863}$	$\frac{419}{863}$	$\Phi_{863}\ \Phi_1^2$
40892	864	863	$\frac{25}{863}$	$\frac{111}{863}$	$\frac{188}{863}$	$\frac{419}{863}$	$\Phi_{863}\ \Phi_1^2$
40893	864	970	$\frac{3}{97}$	$\frac{1}{10}$	$\frac{25}{97}$	$\frac{47}{97}$	$\Phi_{970}\ \Phi_{485}\ \Phi_{194}$
40894	864	1612	$\frac{1}{31}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{15}{31}$	$\Phi_{1612}\ \Phi_{124}\ \Phi_{52}^2\ \Phi_{31}\ \Phi_4^2\ \Phi_1^2$
40895	864	403	$\frac{1}{31}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{15}{31}$	$\Phi_{403}^2\ \Phi_{31}^3\ \Phi_{13}^4\ \Phi_1^6$
40896	864	620	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{620}^2\ \Phi_{310}\ \Phi_{155}\ \Phi_{124}\ \Phi_{31}\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
40897	864	155	$\frac{1}{31}$	$\frac{4}{31}$	$\frac{1}{5}$	$\frac{15}{31}$	$\Phi_{155}^7\ \Phi_5^6$
40898	864	863	$\frac{29}{863}$	$\frac{80}{863}$	$\frac{223}{863}$	$\frac{417}{863}$	$\Phi_{863}\ \Phi_1^2$
40899	864	203	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{5}{29}$	$\frac{14}{29}$	$\Phi_{203}^5\ \Phi_7^4$
40900	864	1299	$\frac{15}{433}$	$\frac{28}{433}$	$\frac{1}{3}$	$\frac{209}{433}$	Φ_{1299}
40901	864	863	$\frac{31}{863}$	$\frac{119}{863}$	$\frac{149}{863}$	$\frac{416}{863}$	$\Phi_{863}\ \Phi_1^2$
40902	864	1156	$\frac{11}{289}$	$\frac{25}{289}$	$\frac{1}{4}$	$\frac{139}{289}$	$\Phi_{1156}\ \Phi_{578}\ \Phi_{68}\ \Phi_{34}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
40903	864	863	$\frac{33}{863}$	$\frac{56}{863}$	$\frac{269}{863}$	$\frac{415}{863}$	$\Phi_{863}\ \Phi_1^2$
40904	864	863	$\frac{33}{863}$	$\frac{71}{863}$	$\frac{224}{863}$	$\frac{415}{863}$	$\Phi_{863}\ \Phi_1^2$
40905	864	2652	$\frac{1}{26}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{2652}\ \Phi_{204}\ \Phi_{51}$
40906	864	1612	$\frac{1}{26}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{25}{52}$	$\Phi_{1612}\ \Phi_{124}\ \Phi_{52}^2\ \Phi_{31}\ \Phi_4^2\ \Phi_1^2$
40907	864	2340	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{180}\ \Phi_{60}\ \Phi_{45}\ \Phi_{15}$
40908	864	1299	$\frac{17}{433}$	$\frac{25}{433}$	$\frac{1}{3}$	$\frac{208}{433}$	Φ_{1299}
40909	864	949	$\frac{3}{73}$	$\frac{1}{13}$	$\frac{19}{73}$	$\frac{35}{73}$	Φ_{949}
40910	864	863	$\frac{37}{863}$	$\frac{50}{863}$	$\frac{271}{863}$	$\frac{413}{863}$	$\Phi_{863}\ \Phi_1^2$
40911	864	863	$\frac{37}{863}$	$\frac{75}{863}$	$\frac{197}{863}$	$\frac{413}{863}$	$\Phi_{863}\ \Phi_1^2$
40912	864	1311	$\frac{1}{23}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{1311}\ \Phi_{57}^2$
40913	864	805	$\frac{1}{23}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{11}{23}$	$\Phi_{805}\ \Phi_{161}\ \Phi_{115}\ \Phi_{35}^2\ \Phi_{23}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
40914	864	1196	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{1196}\ \Phi_{598}\ \Phi_{52}^2\ \Phi_{26}^2$
40915	864	805	$\frac{1}{23}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{11}{23}$	$\Phi_{805}\ \Phi_{161}\ \Phi_{115}\ \Phi_{35}^2\ \Phi_{23}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
40916	864	230	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{230}^4\ \Phi_{115}^3\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{10}^8\ \Phi_5^6\ \Phi_2^8\ \Phi_1^8$
40917	864	161	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{11}{23}$	$\Phi_{161}^5\ \Phi_{23}^6\ \Phi_7^{10}\ \Phi_1^{12}$
40918	864	981	$\frac{5}{109}$	$\frac{1}{9}$	$\frac{19}{109}$	$\frac{52}{109}$	$\Phi_{981}\ \Phi_{327}$
40919	864	863	$\frac{41}{863}$	$\frac{113}{863}$	$\frac{125}{863}$	$\frac{411}{863}$	$\Phi_{863}\ \Phi_1^2$
40920	864	1015	$\frac{7}{145}$	$\frac{19}{145}$	$\frac{1}{7}$	$\frac{69}{145}$	$\Phi_{1015}\ \Phi_{203}\ \Phi_{35}$
40921	864	863	$\frac{43}{863}$	$\frac{89}{863}$	$\frac{151}{863}$	$\frac{410}{863}$	$\Phi_{863}\ \Phi_1^2$
40922	864	1085	$\frac{11}{217}$	$\frac{19}{217}$	$\frac{1}{5}$	$\frac{103}{217}$	$\Phi_{1085}\ \Phi_{155}\ \Phi_{35}$
40923	864	970	$\frac{5}{97}$	$\frac{1}{10}$	$\frac{17}{97}$	$\frac{46}{97}$	$\Phi_{970}\ \Phi_{485}\ \Phi_{194}$
40924	864	1156	$\frac{15}{289}$	$\frac{19}{289}$	$\frac{1}{4}$	$\frac{137}{289}$	$\Phi_{1156}\ \Phi_{578}\ \Phi_{68}\ \Phi_{34}$
40925	864	863	$\frac{45}{863}$	$\frac{53}{863}$	$\frac{227}{863}$	$\frac{409}{863}$	$\Phi_{863}\ \Phi_1^2$
40926	864	1299	$\frac{19}{433}$	$\frac{23}{433}$	$\frac{1}{3}$	$\frac{205}{433}$	Φ_{1299}
40927	864	863	$\frac{38}{863}$	$\frac{49}{863}$	$\frac{275}{863}$	$\frac{407}{863}$	$\Phi_{863}\ \Phi_1^2$
40928	864	863	$\frac{49}{863}$	$\frac{79}{863}$	$\frac{152}{863}$	$\frac{407}{863}$	$\Phi_{863}\ \Phi_1^2$
40929	864	1275	$\frac{1}{25}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{1275}\ \Phi_{255}\ \Phi_{75}^2\ \Phi_{15}^2$
40930	864	799	$\frac{2}{47}$	$\frac{1}{17}$	$\frac{15}{47}$	$\frac{8}{17}$	$\Phi_{799}\ \Phi_{47}^2\ \Phi_{17}^2\ \Phi_1^4$
40931	864	68	$\frac{1}{17}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{68}^{17}\ \Phi_{34}^{17}\ \Phi_4^{16}\ \Phi_2^{16}$
40932	864	799	$\frac{1}{17}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{8}{17}$	$\Phi_{799}\ \Phi_{47}^2\ \Phi_{17}^2\ \Phi_1^4$
40933	864	1105	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{1105}\ \Phi_{65}^2$
40934	864	799	$\frac{1}{17}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{8}{17}$	$\Phi_{799}\ \Phi_{47}^2\ \Phi_{17}^2\ \Phi_1^4$
40935	864	1071	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{17}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{63}^2\ \Phi_{21}^2$
40936	864	931	$\frac{1}{19}$	$\frac{3}{49}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{931}\ \Phi_{133}$
40937	864	863	$\frac{51}{863}$	$\frac{55}{863}$	$\frac{203}{863}$	$\frac{404}{863}$	$\Phi_{863}\ \Phi_1^2$
40938	864	420	$\frac{1}{28}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
40939	864	795	$\frac{2}{53}$	$\frac{1}{15}$	$\frac{17}{53}$	$\frac{7}{15}$	$\Phi_{795}\ \Phi_{265}\ \Phi_{159}\ \Phi_{53}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
40940	864	1140	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{228}\ \Phi_{190}\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{38}^2$
40941	864	795	$\frac{1}{15}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{7}{15}$	$\Phi_{795}\ \Phi_{265}\ \Phi_{159}\ \Phi_{53}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
40942	864	210	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{210}^5\ \Phi_{105}^4\ \Phi_{70}^6\ \Phi_{42}^5\ \Phi_{35}^5\ \Phi_{21}^4\ \Phi_{14}^6\ \Phi_{7}^4$
40943	864	949	$\frac{5}{73}$	$\frac{1}{13}$	$\frac{13}{73}$	$\frac{34}{73}$	Φ_{949}
40944	864	863	$\frac{61}{863}$	$\frac{77}{863}$	$\frac{131}{863}$	$\frac{401}{863}$	$\Phi_{863}\ \Phi_{1}^2$
40945	864	970	$\frac{7}{97}$	$\frac{1}{10}$	$\frac{13}{97}$	$\frac{45}{97}$	$\Phi_{970}\ \Phi_{485}\ \Phi_{194}$
40946	864	863	$\frac{29}{863}$	$\frac{65}{863}$	$\frac{278}{863}$	$\frac{399}{863}$	$\Phi_{863}\ \Phi_{1}^2$
40947	864	863	$\frac{65}{863}$	$\frac{83}{863}$	$\frac{116}{863}$	$\frac{399}{863}$	$\Phi_{863}\ \Phi_{1}^2$
40948	864	1015	$\frac{11}{145}$	$\frac{13}{145}$	$\frac{1}{7}$	$\frac{67}{145}$	$\Phi_{1015}\ \Phi_{203}\ \Phi_{35}$
40949	864	863	$\frac{59}{863}$	$\frac{67}{863}$	$\frac{155}{863}$	$\frac{398}{863}$	$\Phi_{863}\ \Phi_{1}^2$
40950	864	1085	$\frac{13}{217}$	$\frac{17}{217}$	$\frac{1}{5}$	$\frac{100}{217}$	$\Phi_{1085}\ \Phi_{155}\ \Phi_{35}$
40951	864	1156	$\frac{13}{289}$	$\frac{23}{289}$	$\frac{1}{4}$	$\frac{133}{289}$	$\Phi_{1156}\ \Phi_{578}\ \Phi_{68}\ \Phi_{34}$
40952	864	863	$\frac{35}{863}$	$\frac{69}{863}$	$\frac{233}{863}$	$\frac{397}{863}$	$\Phi_{863}\ \Phi_{1}^2$
40953	864	850	$\frac{1}{17}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{850}^2\ \Phi_{170}^2\ \Phi_{85}\ \Phi_{34}^2$
40954	864	1299	$\frac{13}{433}$	$\frac{35}{433}$	$\frac{1}{3}$	$\frac{199}{433}$	Φ_{1299}
40955	864	925	$\frac{1}{25}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{925}\ \Phi_{185}$
40956	864	863	$\frac{26}{863}$	$\frac{73}{863}$	$\frac{279}{863}$	$\frac{395}{863}$	$\Phi_{863}\ \Phi_{1}^2$
40957	864	863	$\frac{39}{863}$	$\frac{73}{863}$	$\frac{206}{863}$	$\frac{395}{863}$	$\Phi_{863}\ \Phi_{1}^2$
40958	864	1221	$\frac{1}{37}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1221}\ \Phi_{111}^2$
40959	864	781	$\frac{2}{71}$	$\frac{1}{11}$	$\frac{23}{71}$	$\frac{5}{11}$	$\Phi_{781}\ \Phi_{71}^2\ \Phi_{11}^2\ \Phi_{1}^4$
40960	864	308	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{308}^3\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{44}^3\ \Phi_{28}^2\ \Phi_{22}^3\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{2}^2$
40961	864	1100	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{220}\ \Phi_{110}\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{20}^2\ \Phi_{10}^2$
40962	864	781	$\frac{3}{71}$	$\frac{1}{11}$	$\frac{17}{71}$	$\frac{5}{11}$	$\Phi_{781}\ \Phi_{71}^2\ \Phi_{11}^2\ \Phi_{1}^4$
40963	864	1045	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{1045}\ \Phi_{95}^2$
40964	864	187	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{187}^5\ \Phi_{17}^4$
40965	864	781	$\frac{5}{71}$	$\frac{1}{11}$	$\frac{11}{71}$	$\frac{5}{11}$	$\Phi_{781}\ \Phi_{71}^2\ \Phi_{11}^2\ \Phi_{1}^4$
40966	864	1001	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{1001}\ \Phi_{91}^2$
40967	864	781	$\frac{1}{11}$	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{5}{11}$	$\Phi_{781}\ \Phi_{71}^2\ \Phi_{11}^2\ \Phi_{1}^4$
40968	864	990	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{5}{11}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{90}^2\ \Phi_{66}\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{6}^2$
40969	864	863	$\frac{59}{863}$	$\frac{81}{863}$	$\frac{134}{863}$	$\frac{391}{863}$	$\Phi_{863}\ \Phi_{1}^2$
40970	864	949	$\frac{1}{13}$	$\frac{7}{73}$	$\frac{10}{73}$	$\frac{33}{73}$	Φ_{949}
40971	864	863	$\frac{79}{863}$	$\frac{85}{863}$	$\frac{98}{863}$	$\frac{389}{863}$	$\Phi_{863}\ \Phi_{1}^2$
40972	864	981	$\frac{10}{109}$	$\frac{11}{109}$	$\frac{1}{9}$	$\frac{49}{109}$	$\Phi_{981}\ \Phi_{327}$
40973	864	931	$\frac{1}{19}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{931}\ \Phi_{133}$
40974	864	863	$\frac{62}{863}$	$\frac{89}{863}$	$\frac{119}{863}$	$\frac{387}{863}$	$\Phi_{863}\ \Phi_{1}^2$
40975	864	203	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{1}{7}$	$\frac{13}{29}$	$\Phi_{203}^5\ \Phi_{7}^4$
40976	864	863	$\frac{44}{863}$	$\frac{91}{863}$	$\frac{159}{863}$	$\frac{386}{863}$	$\Phi_{863}\ \Phi_{1}^2$
40977	864	863	$\frac{53}{863}$	$\frac{91}{863}$	$\frac{135}{863}$	$\frac{386}{863}$	$\Phi_{863}\ \Phi_{1}^2$
40978	864	1085	$\frac{10}{217}$	$\frac{23}{217}$	$\frac{1}{5}$	$\frac{97}{217}$	$\Phi_{1085}\ \Phi_{155}\ \Phi_{35}$
40979	864	1156	$\frac{10}{289}$	$\frac{31}{289}$	$\frac{1}{4}$	$\frac{129}{289}$	$\Phi_{1156}\ \Phi_{578}\ \Phi_{68}\ \Phi_{34}$
40980	864	863	$\frac{26}{863}$	$\frac{93}{863}$	$\frac{239}{863}$	$\frac{385}{863}$	$\Phi_{863}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
40981	864	1299	$\frac{10}{433}$	$\frac{47}{433}$	$\frac{1}{3}$	$\frac{193}{433}$	Φ_{1299}
40982	864	863	$\frac{20}{863}$	$\frac{97}{863}$	$\frac{281}{863}$	$\frac{383}{863}$	$\Phi_{863}\ \Phi_1^2$
40983	864	863	$\frac{80}{863}$	$\frac{87}{863}$	$\frac{97}{863}$	$\frac{383}{863}$	$\Phi_{863}\ \Phi_1^2$
40984	864	970	$\frac{9}{97}$	$\frac{1}{10}$	$\frac{11}{97}$	$\frac{43}{97}$	$\Phi_{970}\ \Phi_{485}\ \Phi_{194}$
40985	864	1015	$\frac{9}{145}$	$\frac{17}{145}$	$\frac{1}{7}$	$\frac{64}{145}$	$\Phi_{1015}\ \Phi_{203}\ \Phi_{35}$
40986	864	863	$\frac{39}{863}$	$\frac{103}{863}$	$\frac{161}{863}$	$\frac{380}{863}$	$\Phi_{863}\ \Phi_1^2$
40987	864	925	$\frac{1}{37}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{925}\ \Phi_{185}$
40988	864	1156	$\frac{9}{289}$	$\frac{35}{289}$	$\frac{1}{4}$	$\frac{127}{289}$	$\Phi_{1156}\ \Phi_{578}\ \Phi_{68}\ \Phi_{34}$
40989	864	863	$\frac{23}{863}$	$\frac{105}{863}$	$\frac{242}{863}$	$\frac{379}{863}$	$\Phi_{863}\ \Phi_1^2$
40990	864	1299	$\frac{9}{433}$	$\frac{53}{433}$	$\frac{1}{3}$	$\frac{190}{433}$	Φ_{1299}
40991	864	2352	$\frac{1}{49}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2352}\ \Phi_{336}\ \Phi_{147}\ \Phi_{21}$
40992	864	1520	$\frac{2}{95}$	$\frac{1}{8}$	$\frac{31}{95}$	$\frac{7}{16}$	$\Phi_{1520}\ \Phi_{304}\ \Phi_{95}\ \Phi_{80}\ \Phi_{19}\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
40993	864	528	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{528}^3\ \Phi_{176}^3\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}^3\ \Phi_{44}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
40994	864	1520	$\frac{3}{95}$	$\frac{1}{8}$	$\frac{23}{95}$	$\frac{7}{16}$	$\Phi_{1520}\ \Phi_{304}\ \Phi_{95}\ \Phi_{80}\ \Phi_{19}\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
40995	864	400	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{400}^4\ \Phi_{80}^3\ \Phi_{25}^4\ \Phi_{16}^4\ \Phi_5^3\ \Phi_1^4$
40996	864	304	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{3}{19}$	$\frac{7}{16}$	$\Phi_{304}^5\ \Phi_{19}^5\ \Phi_{16}^6\ \Phi_1^6$
40997	864	1904	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{1904}\ \Phi_{119}$
40998	864	1520	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1520}\ \Phi_{304}\ \Phi_{95}\ \Phi_{80}\ \Phi_{19}\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
40999	864	1872	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{117}\ \Phi_{39}$
41000	864	863	$\frac{27}{863}$	$\frac{109}{863}$	$\frac{209}{863}$	$\frac{377}{863}$	$\Phi_{863}\ \Phi_1^2$
41001	864	925	$\frac{1}{25}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{925}\ \Phi_{185}$
41002	864	863	$\frac{41}{863}$	$\frac{121}{863}$	$\frac{137}{863}$	$\frac{371}{863}$	$\Phi_{863}\ \Phi_1^2$
41003	864	1155	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1155}\ \Phi_{231}\ \Phi_{165}^2\ \Phi_{105}\ \Phi_{33}^2\ \Phi_{15}^2$
41004	864	749	$\frac{2}{107}$	$\frac{1}{7}$	$\frac{35}{107}$	$\frac{3}{7}$	$\Phi_{749}\ \Phi_{107}^2\ \Phi_7^2\ \Phi_1^4$
41005	864	1036	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1036}\ \Phi_{518}\ \Phi_{148}^2\ \Phi_{74}^2$
41006	864	749	$\frac{3}{107}$	$\frac{1}{7}$	$\frac{26}{107}$	$\frac{3}{7}$	$\Phi_{749}\ \Phi_{107}^2\ \Phi_7^2\ \Phi_1^4$
41007	864	140	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{140}^8\ \Phi_{70}^8\ \Phi_{35}^7\ \Phi_{20}^8\ \Phi_{10}^8\ \Phi_5^6$
41008	864	749	$\frac{5}{107}$	$\frac{1}{7}$	$\frac{17}{107}$	$\frac{3}{7}$	$\Phi_{749}\ \Phi_{107}^2\ \Phi_7^2\ \Phi_1^4$
41009	864	133	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{133}^7\ \Phi_{19}^6$
41010	864	749	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{749}\ \Phi_{107}^2\ \Phi_7^2\ \Phi_1^4$
41011	864	910	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{910}\ \Phi_{455}\ \Phi_{182}\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{26}^2$
41012	864	863	$\frac{55}{863}$	$\frac{101}{863}$	$\frac{127}{863}$	$\frac{368}{863}$	$\Phi_{863}\ \Phi_1^2$
41013	864	863	$\frac{62}{863}$	$\frac{89}{863}$	$\frac{129}{863}$	$\frac{367}{863}$	$\Phi_{863}\ \Phi_1^2$
41014	864	949	$\frac{1}{13}$	$\frac{7}{73}$	$\frac{11}{73}$	$\frac{31}{73}$	Φ_{949}
41015	864	863	$\frac{65}{863}$	$\frac{83}{863}$	$\frac{133}{863}$	$\frac{365}{863}$	$\Phi_{863}\ \Phi_1^2$
41016	864	970	$\frac{7}{97}$	$\frac{1}{10}$	$\frac{15}{97}$	$\frac{41}{97}$	$\Phi_{970}\ \Phi_{485}\ \Phi_{194}$
41017	864	981	$\frac{7}{109}$	$\frac{1}{9}$	$\frac{17}{109}$	$\frac{46}{109}$	$\Phi_{981}\ \Phi_{327}$
41018	864	1015	$\frac{7}{145}$	$\frac{1}{7}$	$\frac{23}{145}$	$\frac{61}{145}$	$\Phi_{1015}\ \Phi_{203}\ \Phi_{35}$
41019	864	863	$\frac{41}{863}$	$\frac{125}{863}$	$\frac{137}{863}$	$\frac{363}{863}$	$\Phi_{863}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
41020	864	863	$\frac{29}{863}$	$\frac{139}{863}$	$\frac{167}{863}$	$\frac{362}{863}$	$\Phi_{863}\ \Phi_1^2$
41021	864	155	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{1}{5}$	$\frac{13}{31}$	$\Phi_{155}^7\ \Phi_5^6$
41022	864	1156	$\frac{7}{289}$	$\frac{47}{289}$	$\frac{1}{4}$	$\frac{121}{289}$	$\Phi_{1156}\ \Phi_{578}\ \Phi_{68}\ \Phi_{34}$
41023	864	863	$\frac{17}{863}$	$\frac{141}{863}$	$\frac{251}{863}$	$\frac{361}{863}$	$\Phi_{863}\ \Phi_1^2$
41024	864	1299	$\frac{7}{433}$	$\frac{71}{433}$	$\frac{1}{3}$	$\frac{181}{433}$	Φ_{1299}
41025	864	863	$\frac{14}{863}$	$\frac{145}{863}$	$\frac{283}{863}$	$\frac{359}{863}$	$\Phi_{863}\ \Phi_1^2$
41026	864	935	$\frac{1}{55}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}$
41027	864	863	$\frac{19}{863}$	$\frac{163}{863}$	$\frac{211}{863}$	$\frac{350}{863}$	$\Phi_{863}\ \Phi_1^2$
41028	864	1095	$\frac{1}{73}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1095}\ \Phi_{219}^2$
41029	864	715	$\frac{2}{143}$	$\frac{1}{5}$	$\frac{47}{143}$	$\frac{2}{5}$	$\Phi_{715}\ \Phi_{143}^2\ \Phi_{65}\ \Phi_{55}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
41030	864	980	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{196}^2\ \Phi_{140}\ \Phi_{98}^2\ \Phi_{70}\ \Phi_{28}^2\ \Phi_{14}^2$
41031	864	715	$\frac{3}{143}$	$\frac{1}{5}$	$\frac{35}{143}$	$\frac{2}{5}$	$\Phi_{715}\ \Phi_{143}^2\ \Phi_{65}\ \Phi_{55}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
41032	864	185	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{185}^5\ \Phi_{37}^4$
41033	864	715	$\frac{5}{143}$	$\frac{23}{143}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{715}\ \Phi_{143}^2\ \Phi_{65}\ \Phi_{55}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
41034	864	175	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{175}^6\ \Phi_{35}^5\ \Phi_7^4$
41035	864	715	$\frac{7}{143}$	$\frac{17}{143}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{715}\ \Phi_{143}^2\ \Phi_{65}\ \Phi_{55}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
41036	864	855	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{171}^2\ \Phi_{57}^2$
41037	864	715	$\frac{8}{143}$	$\frac{15}{143}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{715}\ \Phi_{143}^2\ \Phi_{65}\ \Phi_{55}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
41038	864	170	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{170}^6\ \Phi_{85}^5\ \Phi_{34}^6\ \Phi_{17}^4$
41039	864	385	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{385}^2\ \Phi_{77}^4\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{11}^2\ \Phi_7^4\ \Phi_5^2\ \Phi_1^4$
41040	864	65	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{65}^{11}\ \Phi_{13}^{22}\ \Phi_5^{12}\ \Phi_1^{24}$
41041	864	863	$\frac{29}{863}$	$\frac{139}{863}$	$\frac{181}{863}$	$\frac{341}{863}$	$\Phi_{863}\ \Phi_1^2$
41042	864	924	$\frac{1}{28}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{22}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
41043	864	863	$\frac{11}{863}$	$\frac{193}{863}$	$\frac{284}{863}$	$\frac{335}{863}$	$\Phi_{863}\ \Phi_1^2$
41044	864	863	$\frac{44}{863}$	$\frac{91}{863}$	$\frac{193}{863}$	$\frac{335}{863}$	$\Phi_{863}\ \Phi_1^2$
41045	864	931	$\frac{1}{19}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{931}\ \Phi_{133}$
41046	864	748	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{748}^2\ \Phi_{187}\ \Phi_{68}^2$
41047	864	863	$\frac{59}{863}$	$\frac{67}{863}$	$\frac{199}{863}$	$\frac{332}{863}$	$\Phi_{863}\ \Phi_1^2$
41048	864	949	$\frac{1}{73}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{949}
41049	864	949	$\frac{5}{73}$	$\frac{1}{13}$	$\frac{17}{73}$	$\frac{28}{73}$	Φ_{949}
41050	864	970	$\frac{5}{97}$	$\frac{1}{10}$	$\frac{23}{97}$	$\frac{37}{97}$	$\Phi_{970}\ \Phi_{485}\ \Phi_{194}$
41051	864	863	$\frac{43}{863}$	$\frac{89}{863}$	$\frac{205}{863}$	$\frac{329}{863}$	$\Phi_{863}\ \Phi_1^2$
41052	864	203	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{7}{29}$	$\frac{11}{29}$	$\Phi_{203}^5\ \Phi_7^4$
41053	864	863	$\frac{27}{863}$	$\frac{134}{863}$	$\frac{209}{863}$	$\frac{327}{863}$	$\Phi_{863}\ \Phi_1^2$
41054	864	1085	$\frac{5}{217}$	$\frac{1}{5}$	$\frac{53}{217}$	$\frac{82}{217}$	$\Phi_{1085}\ \Phi_{155}\ \Phi_{35}$
41055	864	863	$\frac{19}{863}$	$\frac{179}{863}$	$\frac{211}{863}$	$\frac{326}{863}$	$\Phi_{863}\ \Phi_1^2$
41056	864	1156	$\frac{5}{289}$	$\frac{71}{289}$	$\frac{1}{4}$	$\frac{109}{289}$	$\Phi_{1156}\ \Phi_{578}\ \Phi_{68}\ \Phi_{34}$
41057	864	863	$\frac{11}{863}$	$\frac{213}{863}$	$\frac{269}{863}$	$\frac{325}{863}$	$\Phi_{863}\ \Phi_1^2$
41058	864	1299	$\frac{5}{433}$	$\frac{107}{433}$	$\frac{1}{3}$	$\frac{163}{433}$	Φ_{1299}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
41059	864	1056	$\frac{1}{33}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{22}\ \Phi_{12}\ \Phi_{6}$
41060	864	863	$\frac{15}{863}$	$\frac{212}{863}$	$\frac{217}{863}$	$\frac{323}{863}$	$\Phi_{863}\ \Phi_{1}^{2}$
41061	864	931	$\frac{1}{49}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{931}\ \Phi_{133}$
41062	864	863	$\frac{23}{863}$	$\frac{140}{863}$	$\frac{241}{863}$	$\frac{311}{863}$	$\Phi_{863}\ \Phi_{1}^{2}$
41063	864	925	$\frac{1}{37}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{925}\ \Phi_{185}$
41064	864	462	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{462}^{3}\ \Phi_{231}\ \Phi_{154}^{3}\ \Phi_{77}\ \Phi_{66}^{3}\ \Phi_{42}^{3}\ \Phi_{22}^{3}\ \Phi_{21}\ \Phi_{6}^{3}$
41065	864	863	$\frac{31}{863}$	$\frac{104}{863}$	$\frac{253}{863}$	$\frac{305}{863}$	$\Phi_{863}\ \Phi_{1}^{2}$
41066	864	925	$\frac{1}{25}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{925}\ \Phi_{185}$
41067	864	863	$\frac{35}{863}$	$\frac{92}{863}$	$\frac{257}{863}$	$\frac{303}{863}$	$\Phi_{863}\ \Phi_{1}^{2}$
41068	864	931	$\frac{1}{19}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{931}\ \Phi_{133}$
41069	864	863	$\frac{47}{863}$	$\frac{68}{863}$	$\frac{265}{863}$	$\frac{299}{863}$	$\Phi_{863}\ \Phi_{1}^{2}$
41070	864	935	$\frac{1}{17}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}$
41071	864	863	$\frac{50}{863}$	$\frac{63}{863}$	$\frac{271}{863}$	$\frac{296}{863}$	$\Phi_{863}\ \Phi_{1}^{2}$
41072	864	949	$\frac{4}{73}$	$\frac{1}{13}$	$\frac{23}{73}$	$\frac{25}{73}$	Φ_{949}
41073	864	863	$\frac{44}{863}$	$\frac{71}{863}$	$\frac{273}{863}$	$\frac{295}{863}$	$\Phi_{863}\ \Phi_{1}^{2}$
41074	864	970	$\frac{4}{97}$	$\frac{1}{10}$	$\frac{31}{97}$	$\frac{33}{97}$	$\Phi_{970}\ \Phi_{485}\ \Phi_{194}$
41075	864	863	$\frac{32}{863}$	$\frac{95}{863}$	$\frac{277}{863}$	$\frac{293}{863}$	$\Phi_{863}\ \Phi_{1}^{2}$
41076	864	981	$\frac{4}{109}$	$\frac{1}{9}$	$\frac{35}{109}$	$\frac{37}{109}$	$\Phi_{981}\ \Phi_{327}$
41077	864	1015	$\frac{4}{145}$	$\frac{1}{7}$	$\frac{47}{145}$	$\frac{49}{145}$	$\Phi_{1015}\ \Phi_{203}\ \Phi_{35}$
41078	864	863	$\frac{20}{863}$	$\frac{143}{863}$	$\frac{281}{863}$	$\frac{291}{863}$	$\Phi_{863}\ \Phi_{1}^{2}$
41079	864	1085	$\frac{4}{217}$	$\frac{1}{5}$	$\frac{71}{217}$	$\frac{73}{217}$	$\Phi_{1085}\ \Phi_{155}\ \Phi_{35}$
41080	864	863	$\frac{14}{863}$	$\frac{191}{863}$	$\frac{283}{863}$	$\frac{290}{863}$	$\Phi_{863}\ \Phi_{1}^{2}$
41081	864	1156	$\frac{4}{289}$	$\frac{1}{4}$	$\frac{95}{289}$	$\frac{97}{289}$	$\Phi_{1156}\ \Phi_{578}\ \Phi_{68}\ \Phi_{34}$
41082	864	863	$\frac{8}{863}$	$\frac{285}{863}$	$\frac{287}{863}$	$\frac{289}{863}$	$\Phi_{863}\ \Phi_{1}^{2}$
41083	864	1299	$\frac{4}{433}$	$\frac{143}{433}$	$\frac{1}{3}$	$\frac{145}{433}$	Φ_{1299}
41084	864	327	$\frac{1}{109}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{327}^{3}\ \Phi_{109}^{2}$
41085	864	645	$\frac{2}{215}$	$\frac{71}{215}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{645}\ \Phi_{215}^{2}\ \Phi_{129}\ \Phi_{43}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
41086	864	876	$\frac{1}{73}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{876}\ \Phi_{438}\ \Phi_{292}^{2}\ \Phi_{146}^{2}$
41087	864	645	$\frac{3}{215}$	$\frac{53}{215}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{645}\ \Phi_{215}^{2}\ \Phi_{129}\ \Phi_{43}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
41088	864	165	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}^{4}\ \Phi_{55}^{8}\ \Phi_{33}^{4}\ \Phi_{15}^{3}\ \Phi_{11}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
41089	864	129	$\frac{1}{43}$	$\frac{7}{43}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{129}^{5}\ \Phi_{43}^{10}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
41090	864	777	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{777}\ \Phi_{259}^{2}$
41091	864	645	$\frac{7}{215}$	$\frac{26}{215}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{645}\ \Phi_{215}^{2}\ \Phi_{129}\ \Phi_{43}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
41092	864	252	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{252}^{4}\ \Phi_{126}^{4}\ \Phi_{84}^{3}\ \Phi_{63}^{4}\ \Phi_{42}^{3}\ \Phi_{36}^{4}\ \Phi_{28}^{2}\ \Phi_{21}^{3}\ \Phi_{18}^{4}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
41093	864	645	$\frac{8}{215}$	$\frac{23}{215}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{645}\ \Phi_{215}^{2}\ \Phi_{129}\ \Phi_{43}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
41094	864	150	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{150}^{5}\ \Phi_{75}^{4}\ \Phi_{50}^{10}\ \Phi_{30}^{4}\ \Phi_{25}^{8}\ \Phi_{15}^{3}\ \Phi_{10}^{8}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
41095	864	645	$\frac{11}{215}$	$\frac{17}{215}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{645}\ \Phi_{215}^{2}\ \Phi_{129}\ \Phi_{43}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
41096	864	741	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{741}\ \Phi_{247}^{2}$
41097	864	1716	$\frac{2}{143}$	$\frac{1}{4}$	$\frac{47}{143}$	$\frac{1}{3}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{156}\ \Phi_{132}\ \Phi_{78}\ \Phi_{66}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
41098	864	1299	$\frac{7}{433}$	$\frac{97}{433}$	$\frac{142}{433}$	$\frac{1}{3}$	Φ_{1299}
41099	864	1605	$\frac{2}{107}$	$\frac{1}{5}$	$\frac{35}{107}$	$\frac{1}{3}$	$\Phi_{1605}\ \Phi_{15}^2$
41100	864	1299	$\frac{10}{433}$	$\frac{73}{433}$	$\frac{141}{433}$	$\frac{1}{3}$	Φ_{1299}
41101	864	1491	$\frac{2}{71}$	$\frac{1}{7}$	$\frac{23}{71}$	$\frac{1}{3}$	$\Phi_{1491}\ \Phi_{21}^2$
41102	864	1299	$\frac{16}{433}$	$\frac{49}{433}$	$\frac{139}{433}$	$\frac{1}{3}$	Φ_{1299}
41103	864	477	$\frac{2}{53}$	$\frac{1}{9}$	$\frac{17}{53}$	$\frac{1}{3}$	$\Phi_{477}^2\ \Phi_{159}\ \Phi_{53}^2\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^4$
41104	864	1410	$\frac{2}{47}$	$\frac{1}{10}$	$\frac{15}{47}$	$\frac{1}{3}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{282}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
41105	864	1299	$\frac{22}{433}$	$\frac{37}{433}$	$\frac{137}{433}$	$\frac{1}{3}$	Φ_{1299}
41106	864	1365	$\frac{2}{35}$	$\frac{1}{13}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{273}\ \Phi_{195}\ \Phi_{39}^2$
41107	864	1299	$\frac{25}{433}$	$\frac{33}{433}$	$\frac{136}{433}$	$\frac{1}{3}$	Φ_{1299}
41108	864	663	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{663}^2\ \Phi_{51}^3$
41109	864	1299	$\frac{25}{433}$	$\frac{34}{433}$	$\frac{133}{433}$	$\frac{1}{3}$	Φ_{1299}
41110	864	1311	$\frac{1}{19}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{1311}\ \Phi_{57}^2$
41111	864	1299	$\frac{19}{433}$	$\frac{46}{433}$	$\frac{129}{433}$	$\frac{1}{3}$	Φ_{1299}
41112	864	1275	$\frac{1}{25}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{1275}\ \Phi_{255}\ \Phi_{75}^2\ \Phi_{15}^2$
41113	864	1299	$\frac{17}{433}$	$\frac{52}{433}$	$\frac{127}{433}$	$\frac{1}{3}$	Φ_{1299}
41114	864	1260	$\frac{1}{28}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
41115	864	1299	$\frac{13}{433}$	$\frac{70}{433}$	$\frac{121}{433}$	$\frac{1}{3}$	Φ_{1299}
41116	864	1221	$\frac{1}{37}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{1221}\ \Phi_{111}^2$
41117	864	1299	$\frac{9}{433}$	$\frac{106}{433}$	$\frac{109}{433}$	$\frac{1}{3}$	Φ_{1299}
41118	864	588	$\frac{1}{49}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{147}^3\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{21}^3$
41119	864	1716	$\frac{3}{143}$	$\frac{35}{143}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{156}\ \Phi_{132}\ \Phi_{78}\ \Phi_{66}\ \Phi_{12}^2\ \Phi_{6}^2$
41120	864	2220	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2220}\ \Phi_{1110}$
41121	864	1716	$\frac{5}{143}$	$\frac{23}{143}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{156}\ \Phi_{132}\ \Phi_{78}\ \Phi_{66}\ \Phi_{12}^2\ \Phi_{6}^2$
41122	864	2100	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{420}\ \Phi_{210}$
41123	864	1716	$\frac{7}{143}$	$\frac{17}{143}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{156}\ \Phi_{132}\ \Phi_{78}\ \Phi_{66}\ \Phi_{12}^2\ \Phi_{6}^2$
41124	864	684	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{38}^2$
41125	864	1716	$\frac{8}{143}$	$\frac{15}{143}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{156}\ \Phi_{132}\ \Phi_{78}\ \Phi_{66}\ \Phi_{12}^2\ \Phi_{6}^2$
41126	864	1020	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}\ \Phi_{255}\ \Phi_{204}\ \Phi_{51}$
41127	864	924	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{66}\ \Phi_{42}^2\ \Phi_{12}^2\ \Phi_{6}^2$
41128	864	156	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^{11}\ \Phi_{78}^{11}\ \Phi_{12}^{12}\ \Phi_{6}^{12}$
41129	864	1605	$\frac{3}{107}$	$\frac{1}{5}$	$\frac{26}{107}$	$\frac{1}{3}$	$\Phi_{1605}\ \Phi_{15}^2$
41130	864	1299	$\frac{13}{433}$	$\frac{82}{433}$	$\frac{105}{433}$	$\frac{1}{3}$	Φ_{1299}
41131	864	1491	$\frac{3}{71}$	$\frac{1}{7}$	$\frac{17}{71}$	$\frac{1}{3}$	$\Phi_{1491}\ \Phi_{21}^2$
41132	864	1299	$\frac{21}{433}$	$\frac{55}{433}$	$\frac{103}{433}$	$\frac{1}{3}$	Φ_{1299}
41133	864	1410	$\frac{3}{47}$	$\frac{1}{10}$	$\frac{11}{47}$	$\frac{1}{3}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{282}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
41134	864	1299	$\frac{33}{433}$	$\frac{37}{433}$	$\frac{100}{433}$	$\frac{1}{3}$	Φ_{1299}
41135	864	1365	$\frac{1}{13}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{273}\ \Phi_{195}\ \Phi_{39}^2$
41136	864	1299	$\frac{28}{433}$	$\frac{45}{433}$	$\frac{97}{433}$	$\frac{1}{3}$	Φ_{1299}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
41137	864	1311	$\frac{1}{19}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{1311}\ \Phi_{57}^2$
41138	864	1299	$\frac{19}{433}$	$\frac{69}{433}$	$\frac{91}{433}$	$\frac{1}{3}$	Φ_{1299}
41139	864	420	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{60}^3\ \Phi_{42}^4\ \Phi_{30}^3\ \Phi_{21}^4\ \Phi_{12}^4\ \Phi_{6}^4$
41140	864	1605	$\frac{5}{107}$	$\frac{17}{107}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1605}\ \Phi_{15}^2$
41141	864	1995	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	Φ_{1995}
41142	864	1605	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1605}\ \Phi_{15}^2$
41143	864	390	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{390}^4\ \Phi_{195}^3\ \Phi_{78}^4\ \Phi_{39}^4$
41144	864	1491	$\frac{5}{71}$	$\frac{1}{7}$	$\frac{11}{71}$	$\frac{1}{3}$	$\Phi_{1491}\ \Phi_{21}^2$
41145	864	1299	$\frac{31}{433}$	$\frac{61}{433}$	$\frac{67}{433}$	$\frac{1}{3}$	Φ_{1299}
41146	864	477	$\frac{5}{53}$	$\frac{1}{9}$	$\frac{8}{53}$	$\frac{1}{3}$	$\Phi_{477}^2\ \Phi_{159}\ \Phi_{53}^2\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^4$
41147	864	1299	$\frac{43}{433}$	$\frac{46}{433}$	$\frac{65}{433}$	$\frac{1}{3}$	Φ_{1299}
41148	864	1410	$\frac{1}{10}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{3}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{282}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
41149	864	1299	$\frac{41}{433}$	$\frac{49}{433}$	$\frac{64}{433}$	$\frac{1}{3}$	Φ_{1299}
41150	864	273	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{273}^5\ \Phi_{39}^6$
41151	864	1491	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1491}\ \Phi_{21}^2$
41152	864	630	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{14}^2$
41153	864	380	$\frac{2}{95}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{31}{95}$	$\Phi_{380}^2\ \Phi_{190}^2\ \Phi_{95}^3\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{20}^2\ \Phi_{19}^3\ \Phi_{10}^2\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
41154	864	863	$\frac{20}{863}$	$\frac{194}{863}$	$\frac{223}{863}$	$\frac{281}{863}$	$\Phi_{863}\ \Phi_{1}^2$
41155	864	1156	$\frac{7}{289}$	$\frac{65}{289}$	$\frac{1}{4}$	$\frac{94}{289}$	$\Phi_{1156}\ \Phi_{578}\ \Phi_{68}\ \Phi_{34}$
41156	864	781	$\frac{2}{71}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{23}{71}$	$\Phi_{781}\ \Phi_{71}^2\ \Phi_{11}^2\ \Phi_{1}^4$
41157	864	1420	$\frac{2}{71}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{23}{71}$	$\Phi_{1420}\ \Phi_{710}\ \Phi_{20}^2\ \Phi_{10}^2$
41158	864	863	$\frac{26}{863}$	$\frac{146}{863}$	$\frac{239}{863}$	$\frac{279}{863}$	$\Phi_{863}\ \Phi_{1}^2$
41159	864	155	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{7}{31}$	$\frac{10}{31}$	$\Phi_{155}^7\ \Phi_{5}^6$
41160	864	863	$\frac{29}{863}$	$\frac{167}{863}$	$\frac{195}{863}$	$\frac{278}{863}$	$\Phi_{863}\ \Phi_{1}^2$
41161	864	1156	$\frac{10}{289}$	$\frac{49}{289}$	$\frac{1}{4}$	$\frac{93}{289}$	$\Phi_{1156}\ \Phi_{578}\ \Phi_{68}\ \Phi_{34}$
41162	864	265	$\frac{2}{53}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{17}{53}$	$\Phi_{265}^3\ \Phi_{53}^4\ \Phi_{5}^6\ \Phi_{1}^8$
41163	864	799	$\frac{2}{47}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{15}{47}$	$\Phi_{799}\ \Phi_{47}^2\ \Phi_{17}^2\ \Phi_{1}^4$
41164	864	1316	$\frac{2}{47}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{15}{47}$	$\Phi_{1316}\ \Phi_{658}\ \Phi_{28}^2\ \Phi_{14}^2$
41165	864	863	$\frac{38}{863}$	$\frac{98}{863}$	$\frac{255}{863}$	$\frac{275}{863}$	$\Phi_{863}\ \Phi_{1}^2$
41166	864	863	$\frac{38}{863}$	$\frac{147}{863}$	$\frac{179}{863}$	$\frac{275}{863}$	$\Phi_{863}\ \Phi_{1}^2$
41167	864	1085	$\frac{10}{217}$	$\frac{37}{217}$	$\frac{1}{5}$	$\frac{69}{217}$	$\Phi_{1085}\ \Phi_{155}\ \Phi_{35}$
41168	864	1015	$\frac{7}{145}$	$\frac{1}{7}$	$\frac{33}{145}$	$\frac{46}{145}$	$\Phi_{1015}\ \Phi_{203}\ \Phi_{35}$
41169	864	863	$\frac{47}{863}$	$\frac{111}{863}$	$\frac{197}{863}$	$\frac{272}{863}$	$\Phi_{863}\ \Phi_{1}^2$
41170	864	1156	$\frac{16}{289}$	$\frac{33}{289}$	$\frac{1}{4}$	$\frac{91}{289}$	$\Phi_{1156}\ \Phi_{578}\ \Phi_{68}\ \Phi_{34}$
41171	864	805	$\frac{2}{35}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{11}{35}$	$\Phi_{805}\ \Phi_{161}\ \Phi_{115}\ \Phi_{35}^2\ \Phi_{23}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
41172	864	1260	$\frac{2}{35}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{11}{35}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{6}^2$
41173	864	805	$\frac{2}{35}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{11}{35}$	$\Phi_{805}\ \Phi_{161}\ \Phi_{115}\ \Phi_{35}^2\ \Phi_{23}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
41174	864	35	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{11}{35}$	$\Phi_{35}^{25}\ \Phi_{7}^{24}\ \Phi_{5}^{24}\ \Phi_{1}^{24}$
41175	864	863	$\frac{50}{863}$	$\frac{74}{863}$	$\frac{263}{863}$	$\frac{271}{863}$	$\Phi_{863}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
41176	864	981	$\frac{7}{109}$	$\frac{1}{9}$	$\frac{25}{109}$	$\frac{34}{109}$	$\Phi_{981}\ \Phi_{327}$
41177	864	863	$\frac{56}{863}$	$\frac{99}{863}$	$\frac{191}{863}$	$\frac{269}{863}$	$\Phi_{863}\ \Phi_{1}^{2}$
41178	864	203	$\frac{2}{29}$	$\frac{1}{7}$	$\frac{5}{29}$	$\frac{9}{29}$	$\Phi_{203}^{5}\ \Phi_{7}^{4}$
41179	864	863	$\frac{62}{863}$	$\frac{119}{863}$	$\frac{149}{863}$	$\frac{267}{863}$	$\Phi_{863}\ \Phi_{1}^{2}$
41180	864	1085	$\frac{16}{217}$	$\frac{25}{217}$	$\frac{1}{5}$	$\frac{67}{217}$	$\Phi_{1085}\ \Phi_{155}\ \Phi_{35}$
41181	864	863	$\frac{65}{863}$	$\frac{83}{863}$	$\frac{199}{863}$	$\frac{266}{863}$	$\Phi_{863}\ \Phi_{1}^{2}$
41182	864	1156	$\frac{22}{289}$	$\frac{25}{289}$	$\frac{1}{4}$	$\frac{89}{289}$	$\Phi_{1156}\ \Phi_{578}\ \Phi_{68}\ \Phi_{34}$
41183	864	403	$\frac{1}{13}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{4}{13}$	$\Phi_{403}^{2}\ \Phi_{31}^{3}\ \Phi_{13}^{4}\ \Phi_{1}^{6}$
41184	864	585	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{585}^{2}\ \Phi_{195}^{2}\ \Phi_{45}^{3}\ \Phi_{15}^{3}$
41185	864	863	$\frac{74}{863}$	$\frac{75}{863}$	$\frac{197}{863}$	$\frac{263}{863}$	$\Phi_{863}\ \Phi_{1}^{2}$
41186	864	1196	$\frac{1}{13}$	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{1196}\ \Phi_{598}\ \Phi_{52}^{2}\ \Phi_{26}^{2}$
41187	864	805	$\frac{3}{35}$	$\frac{2}{23}$	$\frac{8}{35}$	$\frac{7}{23}$	$\Phi_{805}\ \Phi_{161}\ \Phi_{115}\ \Phi_{35}^{2}\ \Phi_{23}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
41188	864	230	$\frac{2}{23}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{230}^{4}\ \Phi_{115}^{3}\ \Phi_{46}^{4}\ \Phi_{23}^{4}\ \Phi_{10}^{8}\ \Phi_{5}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
41189	864	161	$\frac{2}{23}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{7}{23}$	$\Phi_{161}^{5}\ \Phi_{23}^{6}\ \Phi_{7}^{10}\ \Phi_{1}^{12}$
41190	864	981	$\frac{10}{109}$	$\frac{1}{9}$	$\frac{19}{109}$	$\frac{33}{109}$	$\Phi_{981}\ \Phi_{327}$
41191	864	949	$\frac{1}{13}$	$\frac{7}{73}$	$\frac{17}{73}$	$\frac{22}{73}$	Φ_{949}
41192	864	863	$\frac{67}{863}$	$\frac{83}{863}$	$\frac{199}{863}$	$\frac{260}{863}$	$\Phi_{863}\ \Phi_{1}^{2}$
41193	864	863	$\frac{86}{863}$	$\frac{89}{863}$	$\frac{151}{863}$	$\frac{259}{863}$	$\Phi_{863}\ \Phi_{1}^{2}$
41194	864	1085	$\frac{19}{217}$	$\frac{22}{217}$	$\frac{1}{5}$	$\frac{65}{217}$	$\Phi_{1085}\ \Phi_{155}\ \Phi_{35}$
41195	864	970	$\frac{1}{10}$	$\frac{10}{97}$	$\frac{17}{97}$	$\frac{29}{97}$	$\Phi_{970}\ \Phi_{485}\ \Phi_{194}$
41196	864	863	$\frac{92}{863}$	$\frac{101}{863}$	$\frac{127}{863}$	$\frac{257}{863}$	$\Phi_{863}\ \Phi_{1}^{2}$
41197	864	1015	$\frac{16}{145}$	$\frac{17}{145}$	$\frac{1}{7}$	$\frac{43}{145}$	$\Phi_{1015}\ \Phi_{203}\ \Phi_{35}$
41198	864	863	$\frac{79}{863}$	$\frac{98}{863}$	$\frac{152}{863}$	$\frac{255}{863}$	$\Phi_{863}\ \Phi_{1}^{2}$
41199	864	1085	$\frac{17}{217}$	$\frac{25}{217}$	$\frac{1}{5}$	$\frac{64}{217}$	$\Phi_{1085}\ \Phi_{155}\ \Phi_{35}$
41200	864	863	$\frac{55}{863}$	$\frac{101}{863}$	$\frac{203}{863}$	$\frac{254}{863}$	$\Phi_{863}\ \Phi_{1}^{2}$
41201	864	68	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{68}^{17}\ \Phi_{34}^{17}\ \Phi_{4}^{16}\ \Phi_{2}^{16}$
41202	864	799	$\frac{3}{47}$	$\frac{2}{17}$	$\frac{11}{47}$	$\frac{5}{17}$	$\Phi_{799}\ \Phi_{47}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
41203	864	1105	$\frac{1}{13}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{1105}\ \Phi_{65}^{2}$
41204	864	799	$\frac{5}{47}$	$\frac{2}{17}$	$\frac{7}{47}$	$\frac{5}{17}$	$\Phi_{799}\ \Phi_{47}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
41205	864	1071	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{5}{17}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{63}^{2}\ \Phi_{21}^{2}$
41206	864	935	$\frac{1}{17}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}$
41207	864	863	$\frac{51}{863}$	$\frac{110}{863}$	$\frac{203}{863}$	$\frac{251}{863}$	$\Phi_{863}\ \Phi_{1}^{2}$
41208	864	949	$\frac{1}{13}$	$\frac{10}{73}$	$\frac{13}{73}$	$\frac{21}{73}$	Φ_{949}
41209	864	863	$\frac{77}{863}$	$\frac{122}{863}$	$\frac{131}{863}$	$\frac{247}{863}$	$\Phi_{863}\ \Phi_{1}^{2}$
41210	864	399	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{399}^{3}\ \Phi_{133}\ \Phi_{57}^{3}$
41211	864	385	$\frac{5}{77}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{385}^{3}\ \Phi_{55}^{3}\ \Phi_{35}$
41212	864	981	$\frac{1}{9}$	$\frac{13}{109}$	$\frac{16}{109}$	$\frac{31}{109}$	$\Phi_{981}\ \Phi_{327}$
41213	864	863	$\frac{95}{863}$	$\frac{103}{863}$	$\frac{128}{863}$	$\frac{245}{863}$	$\Phi_{863}\ \Phi_{1}^{2}$
41214	864	1015	$\frac{13}{145}$	$\frac{1}{7}$	$\frac{22}{145}$	$\frac{41}{145}$	$\Phi_{1015}\ \Phi_{203}\ \Phi_{35}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
41215	864	863	$\frac{59}{863}$	$\frac{134}{863}$	$\frac{155}{863}$	$\frac{243}{863}$	$\Phi_{863}\ \Phi_1^2$
41216	864	1085	$\frac{13}{217}$	$\frac{34}{217}$	$\frac{1}{5}$	$\frac{61}{217}$	$\Phi_{1085}\ \Phi_{155}\ \Phi_{35}$
41217	864	863	$\frac{41}{863}$	$\frac{137}{863}$	$\frac{207}{863}$	$\frac{242}{863}$	$\Phi_{863}\ \Phi_1^2$
41218	864	1156	$\frac{13}{289}$	$\frac{46}{289}$	$\frac{1}{4}$	$\frac{81}{289}$	$\Phi_{1156}\ \Phi_{578}\ \Phi_{68}\ \Phi_{34}$
41219	864	425	$\frac{1}{17}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{425}^2\ \Phi_{85}^3\ \Phi_{17}^2$
41220	864	1100	$\frac{1}{25}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{220}\ \Phi_{110}\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{20}^2\ \Phi_{10}^2$
41221	864	781	$\frac{3}{71}$	$\frac{2}{11}$	$\frac{17}{71}$	$\frac{3}{11}$	$\Phi_{781}\ \Phi_{71}^2\ \Phi_{11}^2\ \Phi_1^4$
41222	864	1045	$\frac{1}{19}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{1045}\ \Phi_{95}^2$
41223	864	781	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{781}\ \Phi_{71}^2\ \Phi_{11}^2\ \Phi_1^4$
41224	864	1001	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1001}\ \Phi_{91}^2$
41225	864	781	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{781}\ \Phi_{71}^2\ \Phi_{11}^2\ \Phi_1^4$
41226	864	990	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{90}^2\ \Phi_{66}\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_6^2$
41227	864	925	$\frac{1}{25}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{925}\ \Phi_{185}$
41228	864	863	$\frac{35}{863}$	$\frac{164}{863}$	$\frac{207}{863}$	$\frac{233}{863}$	$\Phi_{863}\ \Phi_1^2$
41229	864	931	$\frac{1}{19}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{931}\ \Phi_{133}$
41230	864	863	$\frac{53}{863}$	$\frac{135}{863}$	$\frac{182}{863}$	$\frac{227}{863}$	$\Phi_{863}\ \Phi_1^2$
41231	864	949	$\frac{1}{13}$	$\frac{9}{73}$	$\frac{16}{73}$	$\frac{19}{73}$	Φ_{949}
41232	864	863	$\frac{71}{863}$	$\frac{99}{863}$	$\frac{191}{863}$	$\frac{224}{863}$	$\Phi_{863}\ \Phi_1^2$
41233	864	863	$\frac{80}{863}$	$\frac{87}{863}$	$\frac{194}{863}$	$\frac{223}{863}$	$\Phi_{863}\ \Phi_1^2$
41234	864	970	$\frac{9}{97}$	$\frac{1}{10}$	$\frac{22}{97}$	$\frac{25}{97}$	$\Phi_{970}\ \Phi_{485}\ \Phi_{194}$
41235	864	981	$\frac{9}{109}$	$\frac{1}{9}$	$\frac{25}{109}$	$\frac{28}{109}$	$\Phi_{981}\ \Phi_{327}$
41236	864	863	$\frac{63}{863}$	$\frac{107}{863}$	$\frac{200}{863}$	$\frac{221}{863}$	$\Phi_{863}\ \Phi_1^2$
41237	864	1015	$\frac{9}{145}$	$\frac{1}{7}$	$\frac{34}{145}$	$\frac{37}{145}$	$\Phi_{1015}\ \Phi_{203}\ \Phi_{35}$
41238	864	863	$\frac{39}{863}$	$\frac{161}{863}$	$\frac{206}{863}$	$\frac{219}{863}$	$\Phi_{863}\ \Phi_1^2$
41239	864	1085	$\frac{9}{217}$	$\frac{1}{5}$	$\frac{52}{217}$	$\frac{55}{217}$	$\Phi_{1085}\ \Phi_{155}\ \Phi_{35}$
41240	864	863	$\frac{27}{863}$	$\frac{209}{863}$	$\frac{215}{863}$	$\frac{218}{863}$	$\Phi_{863}\ \Phi_1^2$
41241	864	1156	$\frac{9}{289}$	$\frac{70}{289}$	$\frac{1}{4}$	$\frac{73}{289}$	$\Phi_{1156}\ \Phi_{578}\ \Phi_{68}\ \Phi_{34}$
41242	864	132	$\frac{1}{33}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{132}^7\ \Phi_{66}^7\ \Phi_{44}^7\ \Phi_{33}^6\ \Phi_{22}^7\ \Phi_{12}^7\ \Phi_{11}^6\ \Phi_6^7\ \Phi_3^6$
41243	864	380	$\frac{3}{95}$	$\frac{23}{95}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{380}^2\ \Phi_{190}^2\ \Phi_{95}^3\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{20}^2\ \Phi_{19}^3\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
41244	864	100	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{100}^8\ \Phi_{50}^8\ \Phi_{25}^{12}\ \Phi_{20}^6\ \Phi_{10}^6\ \Phi_5^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{12}$
41245	864	76	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{76}^{10}\ \Phi_{38}^{10}\ \Phi_{19}^{15}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{18}$
41246	864	476	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{476}^2\ \Phi_{238}^2\ \Phi_{119}^3$
41247	864	380	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{380}^2\ \Phi_{190}^2\ \Phi_{95}^3\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{20}^2\ \Phi_{19}^3\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
41248	864	468	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^3\ \Phi_{78}^2\ \Phi_{39}^3$
41249	864	1420	$\frac{3}{71}$	$\frac{1}{5}$	$\frac{17}{71}$	$\frac{1}{4}$	$\Phi_{1420}\ \Phi_{710}\ \Phi_{20}^2\ \Phi_{10}^2$
41250	864	1156	$\frac{13}{289}$	$\frac{55}{289}$	$\frac{69}{289}$	$\frac{1}{4}$	$\Phi_{1156}\ \Phi_{578}\ \Phi_{68}\ \Phi_{34}$
41251	864	340	$\frac{1}{17}$	$\frac{13}{85}$	$\frac{4}{17}$	$\frac{1}{4}$	$\Phi_{340}^4\ \Phi_{170}^4\ \Phi_{68}\ \Phi_{34}\ \Phi_{20}^4\ \Phi_{10}^4$
41252	864	1316	$\frac{3}{47}$	$\frac{1}{7}$	$\frac{11}{47}$	$\frac{1}{4}$	$\Phi_{1316}\ \Phi_{658}\ \Phi_{28}^2\ \Phi_{14}^2$
41253	864	1156	$\frac{21}{289}$	$\frac{37}{289}$	$\frac{67}{289}$	$\frac{1}{4}$	$\Phi_{1156}\ \Phi_{578}\ \Phi_{68}\ \Phi_{34}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
41254	864	1260	$\frac{3}{35}$	$\frac{1}{9}$	$\frac{8}{35}$	$\frac{1}{4}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
41255	864	620	$\frac{3}{31}$	$\frac{1}{10}$	$\frac{7}{31}$	$\frac{1}{4}$	$\Phi_{620}^2\ \Phi_{310}\ \Phi_{155}\ \Phi_{124}\ \Phi_{31}\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
41256	864	1156	$\frac{28}{289}$	$\frac{29}{289}$	$\frac{65}{289}$	$\frac{1}{4}$	$\Phi_{1156}\ \Phi_{578}\ \Phi_{68}\ \Phi_{34}$
41257	864	1156	$\frac{25}{289}$	$\frac{33}{289}$	$\frac{64}{289}$	$\frac{1}{4}$	$\Phi_{1156}\ \Phi_{578}\ \Phi_{68}\ \Phi_{34}$
41258	864	1196	$\frac{1}{13}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{1196}\ \Phi_{598}\ \Phi_{52}^2\ \Phi_{26}^2$
41259	864	1156	$\frac{19}{289}$	$\frac{45}{289}$	$\frac{61}{289}$	$\frac{1}{4}$	$\Phi_{1156}\ \Phi_{578}\ \Phi_{68}\ \Phi_{34}$
41260	864	380	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{380}^3\ \Phi_{190}^3\ \Phi_{76}^4\ \Phi_{38}^4$
41261	864	1420	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1420}\ \Phi_{710}\ \Phi_{20}^2\ \Phi_{10}^2$
41262	864	1820	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}$
41263	864	1420	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1420}\ \Phi_{710}\ \Phi_{20}^2\ \Phi_{10}^2$
41264	864	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^7\ \Phi_{90}^3\ \Phi_{60}^7\ \Phi_{45}^4\ \Phi_{36}^8\ \Phi_{30}^3\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_9^4\ \Phi_6^4\ \Phi_3^4$
41265	864	1316	$\frac{5}{47}$	$\frac{1}{7}$	$\frac{7}{47}$	$\frac{1}{4}$	$\Phi_{1316}\ \Phi_{658}\ \Phi_{28}^2\ \Phi_{14}^2$
41266	864	1156	$\frac{31}{289}$	$\frac{41}{289}$	$\frac{43}{289}$	$\frac{1}{4}$	$\Phi_{1156}\ \Phi_{578}\ \Phi_{68}\ \Phi_{34}$
41267	864	252	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{252}^5\ \Phi_{126}^5\ \Phi_{84}^5\ \Phi_{42}^5\ \Phi_{36}^6\ \Phi_{18}^6\ \Phi_{12}^6\ \Phi_6^6$
41268	864	805	$\frac{3}{35}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{8}{35}$	$\Phi_{805}\ \Phi_{161}\ \Phi_{115}\ \Phi_{35}^2\ \Phi_{23}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
41269	864	35	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{8}{35}$	$\Phi_{35}^{25}\ \Phi_7^{24}\ \Phi_5^{24}\ \Phi_1^{24}$
41270	864	863	$\frac{75}{863}$	$\frac{111}{863}$	$\frac{188}{863}$	$\frac{197}{863}$	$\Phi_{863}\ \Phi_1^2$
41271	864	1015	$\frac{13}{145}$	$\frac{1}{7}$	$\frac{28}{145}$	$\frac{33}{145}$	$\Phi_{1015}\ \Phi_{203}\ \Phi_{35}$
41272	864	863	$\frac{83}{863}$	$\frac{116}{863}$	$\frac{167}{863}$	$\frac{195}{863}$	$\Phi_{863}\ \Phi_1^2$
41273	864	155	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{5}$	$\frac{7}{31}$	$\Phi_{155}^7\ \Phi_5^6$
41274	864	230	$\frac{1}{10}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{5}{23}$	$\Phi_{230}^4\ \Phi_{115}^3\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{10}^8\ \Phi_5^6\ \Phi_2^8\ \Phi_1^8$
41275	864	161	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{5}{23}$	$\Phi_{161}^5\ \Phi_{23}^6\ \Phi_7^{10}\ \Phi_1^{12}$
41276	864	970	$\frac{1}{10}$	$\frac{13}{97}$	$\frac{19}{97}$	$\frac{21}{97}$	$\Phi_{970}\ \Phi_{485}\ \Phi_{194}$
41277	864	863	$\frac{113}{863}$	$\frac{123}{863}$	$\frac{125}{863}$	$\frac{185}{863}$	$\Phi_{863}\ \Phi_1^2$
41278	864	1015	$\frac{19}{145}$	$\frac{1}{7}$	$\frac{21}{145}$	$\frac{31}{145}$	$\Phi_{1015}\ \Phi_{203}\ \Phi_{35}$
41279	864	863	$\frac{77}{863}$	$\frac{131}{863}$	$\frac{170}{863}$	$\frac{183}{863}$	$\Phi_{863}\ \Phi_1^2$
41280	864	1085	$\frac{19}{217}$	$\frac{33}{217}$	$\frac{1}{5}$	$\frac{46}{217}$	$\Phi_{1085}\ \Phi_{155}\ \Phi_{35}$
41281	864	265	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{265}^3\ \Phi_{53}^4\ \Phi_5^6\ \Phi_1^8$
41282	864	70	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{70}^{16}\ \Phi_{35}^{13}\ \Phi_{14}^{16}\ \Phi_7^{12}$
41283	864	175	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{31}{175}$	$\frac{1}{5}$	$\Phi_{175}^6\ \Phi_{35}\ \Phi_{25}^6$
41284	864	245	$\frac{29}{245}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{245}^4\ \Phi_{49}^4\ \Phi_{35}$
41285	864	35	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{35}^{31}\ \Phi_5^{30}$
41286	865	344	$\frac{1}{172}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{171}{344}$	$\Phi_{344}\ \Phi_{172}^4\ \Phi_{86}^4\ \Phi_{43}^4\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
41287	865	1536	$\frac{1}{96}$	$\frac{97}{768}$	$\frac{671}{1536}$	$\frac{95}{192}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{192}\ \Phi_{64}\ \Phi_1$
41288	865	1152	$\frac{1}{96}$	$\frac{287}{1152}$	$\frac{97}{384}$	$\frac{95}{192}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
41289	865	342	$\frac{2}{171}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{169}{342}$	$\Phi_{342}^2\ \Phi_{171}^3\ \Phi_{114}^2\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{19}^3\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
41290	865	696	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{59}{232}$	$\frac{57}{116}$	$\Phi_{696}^2\ \Phi_{232}\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{58}\ \Phi_{29}\ \Phi_{24}^2\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
41291	865	992	$\frac{3}{124}$	$\frac{127}{992}$	$\frac{1}{4}$	$\frac{121}{248}$	$\Phi_{992}\ \Phi_{496}\ \Phi_{124}\ \Phi_{62}\ \Phi_{32}\ \Phi_{31}\ \Phi_{16}\ \Phi_1$
41292	865	1044	$\frac{5}{174}$	$\frac{1}{6}$	$\frac{179}{1044}$	$\frac{169}{348}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{261}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}\ \Phi_{36}\ \Phi_{29}\ \Phi_{18}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
41293	865	336	$\frac{5}{168}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{163}{336}$	$\Phi_{336}^5\ \Phi_{112}^5\ \Phi_{48}^5\ \Phi_{28}\ \Phi_{16}^5\ \Phi_{14}\ \Phi_7\ \Phi_1$
41294	865	336	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{163}{336}$	$\Phi_{336}^5\ \Phi_{112}^5\ \Phi_{48}^5\ \Phi_{16}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
41295	865	1664	$\frac{1}{32}$	$\frac{33}{832}$	$\frac{799}{1664}$	$\frac{31}{64}$	$\Phi_{1664}\ \Phi_{128}\ \Phi_{64}\ \Phi_1$
41296	865	918	$\frac{2}{51}$	$\frac{53}{918}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{918}\ \Phi_{459}\ \Phi_{306}\ \Phi_{153}\ \Phi_{54}\ \Phi_{51}\ \Phi_{27}\ \Phi_{18}\ \Phi_{17}\ \Phi_9\ \Phi_1$
41297	865	1632	$\frac{2}{51}$	$\frac{49}{816}$	$\frac{1}{3}$	$\frac{767}{1632}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{96}\ \Phi_{51}\ \Phi_{32}\ \Phi_{17}\ \Phi_1$
41298	865	324	$\frac{1}{27}$	$\frac{11}{162}$	$\frac{26}{81}$	$\frac{151}{324}$	$\Phi_{324}^5\ \Phi_{108}^5\ \Phi_{81}\ \Phi_{36}^5\ \Phi_{12}^5\ \Phi_4^5\ \Phi_1$
41299	865	324	$\frac{11}{162}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{151}{324}$	$\Phi_{324}^5\ \Phi_{108}^5\ \Phi_{36}^5\ \Phi_{27}^2\ \Phi_{12}^5\ \Phi_9^2\ \Phi_4^5\ \Phi_3^2\ \Phi_1^3$
41300	865	320	$\frac{1}{16}$	$\frac{13}{160}$	$\frac{3}{16}$	$\frac{147}{320}$	$\Phi_{320}^5\ \Phi_{64}^5\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
41301	865	1056	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{191}{1056}$	$\frac{161}{352}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
41302	865	1188	$\frac{1}{27}$	$\frac{26}{297}$	$\frac{323}{1188}$	$\frac{271}{594}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{297}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
41303	865	896	$\frac{31}{896}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{64}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
41304	865	1536	$\frac{1}{32}$	$\frac{97}{768}$	$\frac{31}{128}$	$\frac{671}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{128}\ \Phi_{64}\ \Phi_1$
41305	865	1008	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{143}{1008}$	$\frac{109}{252}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
41306	865	1512	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{109}{756}$	$\frac{647}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{168}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
41307	865	1488	$\frac{3}{124}$	$\frac{121}{744}$	$\frac{1}{4}$	$\frac{623}{1488}$	$\Phi_{1488}\ \Phi_{496}\ \Phi_{124}\ \Phi_{62}\ \Phi_{48}\ \Phi_{31}\ \Phi_{16}\ \Phi_1$
41308	865	180	$\frac{7}{180}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{180}^5\ \Phi_{90}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{36}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{18}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
41309	865	189	$\frac{2}{27}$	$\frac{16}{189}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{189}^5\ \Phi_{63}^5\ \Phi_{27}^2\ \Phi_{21}^5\ \Phi_9^2\ \Phi_7^5\ \Phi_3^2\ \Phi_1^3$
41310	865	192	$\frac{1}{16}$	$\frac{19}{192}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{192}^5\ \Phi_{96}^5\ \Phi_{64}^5\ \Phi_{48}^5\ \Phi_{24}^5\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^5\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
41311	865	870	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{28}{145}$	$\frac{117}{290}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{174}^2\ \Phi_{145}\ \Phi_{87}^2\ \Phi_{58}\ \Phi_{30}\ \Phi_{29}\ \Phi_{15}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
41312	865	216	$\frac{1}{36}$	$\frac{7}{36}$	$\frac{43}{216}$	$\frac{29}{72}$	$\Phi_{216}^5\ \Phi_{108}^5\ \Phi_{54}^5\ \Phi_{36}^4\ \Phi_{27}^5\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
41313	865	288	$\frac{1}{36}$	$\frac{7}{36}$	$\frac{29}{144}$	$\frac{115}{288}$	$\Phi_{288}^5\ \Phi_{96}^5\ \Phi_{36}^4\ \Phi_{32}^5\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
41314	865	1408	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{161}{704}$	$\frac{543}{1408}$	$\Phi_{1408}\ \Phi_{176}\ \Phi_{128}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
41315	865	1024	$\frac{1}{32}$	$\frac{159}{1024}$	$\frac{31}{128}$	$\frac{97}{256}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{128}\ \Phi_{64}\ \Phi_1$
41316	865	1392	$\frac{5}{174}$	$\frac{1}{6}$	$\frac{169}{696}$	$\frac{527}{1392}$	$\Phi_{1392}\ \Phi_{464}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}\ \Phi_{48}\ \Phi_{29}\ \Phi_{16}\ \Phi_1$
41317	865	1032	$\frac{1}{86}$	$\frac{1}{4}$	$\frac{85}{258}$	$\frac{3}{8}$	$\Phi_{1032}^2\ \Phi_{258}\ \Phi_{129}\ \Phi_{24}^2\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
41318	865	176	$\frac{3}{176}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{176}^5\ \Phi_{88}^5\ \Phi_{44}^5\ \Phi_{22}^5\ \Phi_{16}^5\ \Phi_{11}^5\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
41319	865	1720	$\frac{1}{43}$	$\frac{42}{215}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1720}\ \Phi_{215}\ \Phi_{40}\ \Phi_8\ \Phi_5\ \Phi_1$
41320	865	1344	$\frac{1}{32}$	$\frac{31}{224}$	$\frac{193}{672}$	$\frac{479}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
41321	865	972	$\frac{1}{27}$	$\frac{107}{972}$	$\frac{26}{81}$	$\frac{55}{162}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
41322	865	1296	$\frac{1}{108}$	$\frac{107}{324}$	$\frac{431}{1296}$	$\frac{217}{648}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
41323	865	1224	$\frac{2}{51}$	$\frac{49}{408}$	$\frac{359}{1224}$	$\frac{1}{3}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{72}\ \Phi_{51}\ \Phi_{36}\ \Phi_{18}\ \Phi_{17}\ \Phi_9\ \Phi_1$
41324	865	228	$\frac{2}{57}$	$\frac{1}{6}$	$\frac{55}{228}$	$\frac{1}{3}$	$\Phi_{228}^5\ \Phi_{114}^2\ \Phi_{76}^5\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{19}^3\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
41325	865	204	$\frac{2}{51}$	$\frac{31}{204}$	$\frac{49}{204}$	$\frac{1}{3}$	$\Phi_{204}^4\ \Phi_{102}^4\ \Phi_{68}^4\ \Phi_{51}^5\ \Phi_{34}^4\ \Phi_{17}^5\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
41326	865	180	$\frac{7}{180}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^5\ \Phi_{90}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{36}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{18}^2\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_9^3\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
41327	865	1116	$\frac{3}{124}$	$\frac{251}{1116}$	$\frac{1}{4}$	$\frac{121}{372}$	$\Phi_{1116}\ \Phi_{558}\ \Phi_{279}\ \Phi_{124}\ \Phi_{62}\ \Phi_{36}\ \Phi_{31}\ \Phi_{18}\ \Phi_9\ \Phi_1$
41328	865	243	$\frac{1}{27}$	$\frac{11}{81}$	$\frac{70}{243}$	$\frac{26}{81}$	$\Phi_{243}^5\ \Phi_{81}\ \Phi_1$
41329	865	252	$\frac{5}{84}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{79}{252}$	$\Phi_{252}^5\ \Phi_{126}^5\ \Phi_{63}^5\ \Phi_{36}^5\ \Phi_{28}\ \Phi_{18}^5\ \Phi_{14}\ \Phi_9^5\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
41330	865	252	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{79}{252}$	$\Phi_{252}^5\ \Phi_{126}^5\ \Phi_{63}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
41331	865	924	$\frac{59}{924}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_1$
41332	865	1134	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{269}{1134}$	$\frac{109}{378}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{162}\ \Phi_{126}\ \Phi_{81}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
41333	865	243	$\frac{2}{27}$	$\frac{11}{81}$	$\frac{5}{27}$	$\frac{70}{243}$	$\Phi_{243}^5\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^3$
41334	865	240	$\frac{1}{16}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{67}{240}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{60}^5\ \Phi_{48}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{16}^4\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^5\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
41335	865	1152	$\frac{1}{32}$	$\frac{31}{128}$	$\frac{287}{1152}$	$\frac{97}{384}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
41336	865	224	$\frac{5}{56}$	$\frac{3}{28}$	$\frac{51}{224}$	$\frac{1}{4}$	$\Phi_{224}^5\ \Phi_{112}^5\ \Phi_{32}^5\ \Phi_{28}\ \Phi_{16}^5\ \Phi_{14}\ \Phi_7\ \Phi_1$
41337	865	196	$\frac{3}{28}$	$\frac{23}{196}$	$\frac{5}{28}$	$\frac{1}{4}$	$\Phi_{196}^5\ \Phi_{98}^5\ \Phi_{49}^5\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
41338	865	1008	$\frac{3}{28}$	$\frac{143}{1008}$	$\frac{25}{168}$	$\frac{1}{4}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
41339	865	192	$\frac{19}{192}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{192}^5\ \Phi_{96}^5\ \Phi_{64}^5\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{16}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
41340	865	216	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{43}{216}$	$\frac{11}{54}$	$\Phi_{216}^5\ \Phi_{108}^5\ \Phi_{72}^5\ \Phi_{36}^5\ \Phi_{27}^2\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_9^2\ \Phi_8^5\ \Phi_4^5\ \Phi_3^2\ \Phi_1^3$
41341	865	210	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{37}{210}$	$\Phi_{210}^5\ \Phi_{105}^5\ \Phi_{70}^5\ \Phi_{35}^5\ \Phi_{30}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
41342	866	692	$\frac{1}{173}$	$\frac{87}{346}$	$\frac{259}{692}$	$\frac{86}{173}$	$\Phi_{692}^2\ \Phi_{173}\ \Phi_4^2\ \Phi_1^2$
41343	866	860	$\frac{3}{430}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{427}{860}$	$\Phi_{860}^2\ \Phi_{172}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
41344	866	855	$\frac{11}{855}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{422}{855}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{171}\ \Phi_{95}\ \Phi_{57}\ \Phi_{45}\ \Phi_{19}\ \Phi_{15}^2\ \Phi_9\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
41345	866	580	$\frac{2}{145}$	$\frac{1}{5}$	$\frac{147}{580}$	$\frac{143}{290}$	$\Phi_{580}^2\ \Phi_{145}^2\ \Phi_{116}^2\ \Phi_{29}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
41346	866	2562	$\frac{6}{427}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{421}{854}$	$\Phi_{2562}\ \Phi_{366}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
41347	866	1488	$\frac{1}{62}$	$\frac{63}{496}$	$\frac{1}{3}$	$\frac{61}{124}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{186}\ \Phi_{93}\ \Phi_{48}\ \Phi_{24}\ \Phi_6$
41348	866	840	$\frac{13}{420}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{407}{840}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_8^2\ \Phi_6$
41349	866	840	$\frac{13}{420}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{407}{840}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
41350	866	1344	$\frac{15}{448}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_6$
41351	866	2418	$\frac{1}{31}$	$\frac{30}{403}$	$\frac{1}{3}$	$\frac{373}{806}$	$\Phi_{2418}\ \Phi_{186}\ \Phi_{93}\ \Phi_{78}\ \Phi_6$
41352	866	450	$\frac{17}{450}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
41353	866	744	$\frac{1}{62}$	$\frac{61}{372}$	$\frac{1}{3}$	$\frac{311}{744}$	$\Phi_{744}^2\ \Phi_{248}^2\ \Phi_{186}\ \Phi_{93}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6$
41354	866	725	$\frac{4}{145}$	$\frac{141}{725}$	$\frac{1}{5}$	$\frac{292}{725}$	$\Phi_{725}\ \Phi_{145}^2\ \Phi_{29}^2\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
41355	866	645	$\frac{3}{215}$	$\frac{1}{5}$	$\frac{212}{645}$	$\frac{2}{5}$	$\Phi_{645}^2\ \Phi_{129}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
41356	866	440	$\frac{7}{440}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{440}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
41357	866	558	$\frac{1}{62}$	$\frac{125}{558}$	$\frac{61}{186}$	$\frac{1}{3}$	$\Phi_{558}^2\ \Phi_{279}^2\ \Phi_{186}\ \Phi_{93}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6$
41358	866	630	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{197}{630}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6$
41359	866	462	$\frac{29}{462}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{42}\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{11}^2\ \Phi_6$
41360	866	1680	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{127}{560}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{336}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_6$
41361	866	1470	$\frac{1}{14}$	$\frac{57}{490}$	$\frac{13}{70}$	$\frac{1}{3}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{294}\ \Phi_{147}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
41362	866	504	$\frac{1}{14}$	$\frac{71}{504}$	$\frac{13}{84}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6$
41363	866	630	$\frac{13}{210}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{197}{630}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
41364	866	450	$\frac{17}{450}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
41365	866	570	$\frac{11}{285}$	$\frac{1}{5}$	$\frac{137}{570}$	$\frac{4}{15}$	$\Phi_{570}^2\ \Phi_{285}\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
41366	866	480	$\frac{47}{480}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
41367	866	525	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{92}{525}$	$\frac{1}{5}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
41368	867	1140	$\frac{4}{285}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{281}{570}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
41369	867	348	$\frac{1}{58}$	$\frac{59}{348}$	$\frac{1}{4}$	$\frac{57}{116}$	$\Phi_{348}^3\ \Phi_{174}^3\ \Phi_{116}^2\ \Phi_{87}^3\ \Phi_{58}\ \Phi_{29}\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
41370	867	800	$\frac{1}{50}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{49}{100}$	$\Phi_{800}^2\ \Phi_{160}^2\ \Phi_{100}\ \Phi_{32}^3\ \Phi_{20}\ \Phi_4\ \Phi_1$
41371	867	600	$\frac{1}{50}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{49}{100}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
41372	867	100	$\frac{1}{50}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{49}{100}$	$\Phi_{100}^9\ \Phi_{50}^8\ \Phi_{25}^8\ \Phi_{20}^{10}\ \Phi_{10}^9\ \Phi_5^9\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
41373	867	560	$\frac{9}{280}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{271}{560}$	$\Phi_{560}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
41374	867	800	$\frac{1}{25}$	$\frac{1}{16}$	$\frac{8}{25}$	$\frac{15}{32}$	$\Phi_{800}^2\ \Phi_{160}^2\ \Phi_{32}^3\ \Phi_{25}^2\ \Phi_5^2\ \Phi_1^3$
41375	867	288	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{288}^6\ \Phi_{96}^6\ \Phi_{36}^2\ \Phi_{32}^3\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
41376	867	1760	$\frac{1}{16}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{55}\ \Phi_{32}\ \Phi_{11}\ \Phi_1$
41377	867	160	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{15}{32}$	$\Phi_{160}^{10}\ \Phi_{32}^{11}\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
41378	867	300	$\frac{11}{300}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^3\ \Phi_{30}^3\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
41379	867	1044	$\frac{1}{29}$	$\frac{28}{261}$	$\frac{1}{4}$	$\frac{233}{522}$	$\Phi_{1044}\ \Phi_{348}\ \Phi_{261}\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{58}\ \Phi_{36}\ \Phi_{29}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
41380	867	780	$\frac{1}{52}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{130}\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
41381	867	312	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{312}^4\ \Phi_{156}^2\ \Phi_{104}^4\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{24}^3\ \Phi_{13}\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
41382	867	464	$\frac{1}{58}$	$\frac{57}{232}$	$\frac{1}{4}$	$\frac{175}{464}$	$\Phi_{464}^3\ \Phi_{116}^2\ \Phi_{58}\ \Phi_{29}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
41383	867	504	$\frac{1}{18}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
41384	867	234	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{234}^4\ \Phi_{117}^4\ \Phi_{78}^4\ \Phi_{39}^4\ \Phi_{26}\ \Phi_{18}^3\ \Phi_{13}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
41385	867	297	$\frac{8}{297}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{297}^3\ \Phi_{99}^3\ \Phi_{33}^3\ \Phi_{27}^3\ \Phi_{11}^3\ \Phi_9^3\ \Phi_3\ \Phi_1^3$
41386	867	348	$\frac{1}{29}$	$\frac{59}{348}$	$\frac{1}{4}$	$\frac{28}{87}$	$\Phi_{348}^2\ \Phi_{174}^2\ \Phi_{116}^3\ \Phi_{87}^3\ \Phi_{58}^3\ \Phi_{29}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
41387	867	600	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{8}{25}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{24}^3\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_5^2\ \Phi_3^3\ \Phi_1^3$
41388	867	100	$\frac{1}{25}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{8}{25}$	$\Phi_{100}^8\ \Phi_{50}^8\ \Phi_{25}^{10}\ \Phi_{20}^9\ \Phi_{10}^9\ \Phi_5^{11}\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{11}$
41389	867	420	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{131}{420}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{30}^3\ \Phi_{21}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
41390	867	72	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{72}^{12}\ \Phi_{36}^{14}\ \Phi_{24}^9\ \Phi_{18}^{13}\ \Phi_{12}^{11}\ \Phi_9^{13}\ \Phi_8^{12}\ \Phi_6^{10}\ \Phi_4^{13}\ \Phi_3^{10}\ \Phi_2^{12}\ \Phi_1^{13}$
41391	867	1320	$\frac{4}{55}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
41392	867	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{7}{24}$	$\Phi_{120}^{10}\ \Phi_{60}^{10}\ \Phi_{30}^{10}\ \Phi_{24}^{11}\ \Phi_{20}^3\ \Phi_{15}^{10}\ \Phi_{12}^{11}\ \Phi_{10}^2\ \Phi_6^{11}\ \Phi_5^2\ \Phi_4^3\ \Phi_3^{11}\ \Phi_2^2\ \Phi_1^3$
41393	867	300	$\frac{11}{300}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^2\ \Phi_{50}^3\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
41394	867	180	$\frac{1}{18}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^6\ \Phi_{45}^6\ \Phi_{36}^2\ \Phi_{30}^6\ \Phi_{20}^3\ \Phi_{18}\ \Phi_{15}^6\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_9\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
41395	867	380	$\frac{4}{95}$	$\frac{1}{5}$	$\frac{91}{380}$	$\frac{1}{4}$	$\Phi_{380}^2\ \Phi_{190}^2\ \Phi_{95}^3\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{20}^3\ \Phi_{19}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
41396	867	320	$\frac{31}{320}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
41397	867	576	$\frac{1}{18}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}\ \Phi_{36}^2\ \Phi_{32}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
41398	867	220	$\frac{4}{55}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{220}^4\ \Phi_{110}^4\ \Phi_{55}^5\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{20}\ \Phi_{11}^5\ \Phi_{10}\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
41399	867	700	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{350}$	$\frac{1}{4}$	$\Phi_{700}^{2}\,\Phi_{350}\,\Phi_{175}\,\Phi_{100}^{2}\,\Phi_{50}\,\Phi_{25}\,\Phi_{20}^{2}\,\Phi_{10}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
41400	867	20	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{20}^{44}\,\Phi_{10}^{43}\,\Phi_{5}^{43}\,\Phi_{4}^{43}\,\Phi_{2}^{42}\,\Phi_{1}^{43}$
41401	868	432	$\frac{1}{216}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{215}{432}$	$\Phi_{432}^{4}\,\Phi_{144}^{4}\,\Phi_{48}^{4}\,\Phi_{16}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
41402	868	870	$\frac{1}{145}$	$\frac{73}{290}$	$\frac{1}{3}$	$\frac{72}{145}$	$\Phi_{870}^{2}\,\Phi_{435}\,\Phi_{174}^{2}\,\Phi_{87}\,\Phi_{30}^{2}\,\Phi_{15}\,\Phi_{6}^{2}$
41403	868	492	$\frac{1}{123}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{61}{123}$	$\Phi_{492}^{3}\,\Phi_{164}^{3}\,\Phi_{123}\,\Phi_{41}\,\Phi_{12}^{4}\,\Phi_{4}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
41404	868	369	$\frac{1}{123}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{61}{123}$	$\Phi_{369}^{3}\,\Phi_{123}\,\Phi_{41}\,\Phi_{9}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
41405	868	1290	$\frac{2}{215}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{213}{430}$	$\Phi_{1290}^{2}\,\Phi_{258}^{2}\,\Phi_{30}^{2}\,\Phi_{15}\,\Phi_{6}^{2}$
41406	868	261	$\frac{1}{87}$	$\frac{44}{261}$	$\frac{1}{3}$	$\frac{43}{87}$	$\Phi_{261}^{4}\,\Phi_{87}^{2}\,\Phi_{29}^{2}\,\Phi_{9}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
41407	868	855	$\frac{13}{855}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{421}{855}$	$\Phi_{855}\,\Phi_{285}\,\Phi_{171}\,\Phi_{95}\,\Phi_{57}\,\Phi_{45}\,\Phi_{19}\,\Phi_{15}^{2}\,\Phi_{9}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
41408	868	793	$\frac{1}{61}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{30}{61}$	$\Phi_{793}\,\Phi_{61}^{2}\,\Phi_{13}^{2}\,\Phi_{1}^{4}$
41409	868	1464	$\frac{1}{61}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{30}{61}$	$\Phi_{1464}\,\Phi_{732}\,\Phi_{366}\,\Phi_{24}^{2}\,\Phi_{12}^{2}\,\Phi_{6}^{2}$
41410	868	289	$\frac{5}{289}$	$\frac{21}{289}$	$\frac{134}{289}$	$\frac{142}{289}$	$\Phi_{289}^{3}\,\Phi_{17}^{3}\,\Phi_{1}^{4}$
41411	868	408	$\frac{1}{51}$	$\frac{13}{204}$	$\frac{191}{408}$	$\frac{25}{51}$	$\Phi_{408}^{4}\,\Phi_{136}^{4}\,\Phi_{51}\,\Phi_{24}^{4}\,\Phi_{17}\,\Phi_{8}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
41412	868	306	$\frac{1}{51}$	$\frac{13}{102}$	$\frac{89}{306}$	$\frac{25}{51}$	$\Phi_{306}^{4}\,\Phi_{153}^{4}\,\Phi_{51}\,\Phi_{18}^{4}\,\Phi_{17}\,\Phi_{9}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
41413	868	255	$\frac{1}{51}$	$\frac{38}{255}$	$\frac{13}{51}$	$\frac{25}{51}$	$\Phi_{255}^{4}\,\Phi_{85}^{4}\,\Phi_{51}\,\Phi_{17}\,\Phi_{15}^{4}\,\Phi_{5}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
41414	868	425	$\frac{9}{425}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{208}{425}$	$\Phi_{425}^{2}\,\Phi_{85}^{2}\,\Phi_{25}^{2}\,\Phi_{17}^{3}\,\Phi_{5}^{2}\,\Phi_{1}^{4}$
41415	868	1000	$\frac{3}{125}$	$\frac{1}{8}$	$\frac{32}{125}$	$\frac{61}{125}$	$\Phi_{1000}\,\Phi_{500}\,\Phi_{250}\,\Phi_{200}\,\Phi_{100}\,\Phi_{50}\,\Phi_{40}\,\Phi_{20}\,\Phi_{10}$
41416	868	867	$\frac{25}{867}$	$\frac{92}{867}$	$\frac{223}{867}$	$\frac{421}{867}$	$\Phi_{867}\,\Phi_{289}\,\Phi_{51}\,\Phi_{17}\,\Phi_{3}\,\Phi_{1}^{2}$
41417	868	435	$\frac{13}{435}$	$\frac{32}{435}$	$\frac{1}{3}$	$\frac{211}{435}$	$\Phi_{435}^{2}\,\Phi_{145}^{2}\,\Phi_{87}^{2}\,\Phi_{29}^{2}\,\Phi_{15}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
41418	868	540	$\frac{1}{30}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{29}{60}$	$\Phi_{540}^{3}\,\Phi_{180}^{3}\,\Phi_{108}^{3}\,\Phi_{60}^{4}\,\Phi_{36}^{3}\,\Phi_{27}\,\Phi_{20}^{4}\,\Phi_{12}^{4}\,\Phi_{9}\,\Phi_{4}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
41419	868	60	$\frac{1}{30}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{60}^{28}\,\Phi_{20}^{28}\,\Phi_{15}^{2}\,\Phi_{12}^{28}\,\Phi_{5}^{2}\,\Phi_{4}^{28}\,\Phi_{3}\,\Phi_{1}^{2}$
41420	868	180	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{29}{60}$	$\Phi_{180}^{9}\,\Phi_{60}^{10}\,\Phi_{36}^{9}\,\Phi_{20}^{10}\,\Phi_{12}^{10}\,\Phi_{9}^{3}\,\Phi_{4}^{10}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
41421	868	120	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{29}{60}$	$\Phi_{120}^{8}\,\Phi_{60}^{4}\,\Phi_{40}^{9}\,\Phi_{30}^{8}\,\Phi_{24}^{8}\,\Phi_{20}^{5}\,\Phi_{15}^{8}\,\Phi_{12}^{4}\,\Phi_{10}^{9}\,\Phi_{8}^{8}\,\Phi_{6}^{8}\,\Phi_{5}^{8}\,\Phi_{4}^{4}\,\Phi_{3}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
41422	868	696	$\frac{1}{29}$	$\frac{15}{232}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{696}^{2}\,\Phi_{348}^{2}\,\Phi_{174}^{2}\,\Phi_{87}\,\Phi_{24}^{2}\,\Phi_{12}^{2}\,\Phi_{6}^{2}$
41423	868	297	$\frac{1}{27}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{297}^{3}\,\Phi_{99}^{3}\,\Phi_{33}^{4}\,\Phi_{27}\,\Phi_{11}^{4}\,\Phi_{9}\,\Phi_{3}\,\Phi_{1}^{2}$
41424	868	135	$\frac{1}{27}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{13}{27}$	$\Phi_{135}^{6}\,\Phi_{45}^{7}\,\Phi_{27}^{7}\,\Phi_{15}^{6}\,\Phi_{9}^{8}\,\Phi_{5}^{6}\,\Phi_{3}^{7}\,\Phi_{1}^{8}$
41425	868	1080	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{13}{27}$	$\Phi_{1080}\,\Phi_{540}\,\Phi_{360}\,\Phi_{216}\,\Phi_{180}\,\Phi_{120}\,\Phi_{108}\,\Phi_{72}\,\Phi_{60}\,\Phi_{40}^{2}\,\Phi_{36}\,\Phi_{27}\,\Phi_{24}\,\Phi_{20}^{2}\,\Phi_{12}\,\Phi_{9}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
41426	868	945	$\frac{1}{27}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{13}{27}$	$\Phi_{945}\,\Phi_{315}\,\Phi_{189}\,\Phi_{105}\,\Phi_{63}\,\Phi_{35}^{2}\,\Phi_{27}\,\Phi_{21}\,\Phi_{9}\,\Phi_{7}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
41427	868	108	$\frac{1}{27}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{13}{27}$	$\Phi_{108}^{9}\,\Phi_{54}^{6}\,\Phi_{36}^{10}\,\Phi_{27}^{7}\,\Phi_{18}^{7}\,\Phi_{12}^{10}\,\Phi_{9}^{8}\,\Phi_{6}^{6}\,\Phi_{4}^{10}\,\Phi_{3}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{8}$
41428	868	600	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{13}{75}$	$\frac{12}{25}$	$\Phi_{600}^{2}\,\Phi_{300}^{2}\,\Phi_{200}\,\Phi_{150}^{2}\,\Phi_{120}^{2}\,\Phi_{100}\,\Phi_{60}^{2}\,\Phi_{50}\,\Phi_{40}\,\Phi_{30}^{2}\,\Phi_{24}^{2}\,\Phi_{20}\,\Phi_{12}^{2}\,\Phi_{10}\,\Phi_{6}^{2}$
41429	868	119	$\frac{5}{119}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{57}{119}$	$\Phi_{119}^{7}\,\Phi_{17}^{9}\,\Phi_{7}^{7}\,\Phi_{1}^{10}$
41430	868	210	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{210}^{6}\,\Phi_{105}^{3}\,\Phi_{70}^{6}\,\Phi_{42}^{4}\,\Phi_{35}^{3}\,\Phi_{30}^{6}\,\Phi_{21}^{2}\,\Phi_{15}^{2}\,\Phi_{14}^{4}\,\Phi_{10}^{6}\,\Phi_{7}^{2}\,\Phi_{6}^{4}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{2}^{4}\,\Phi_{1}^{2}$
41431	868	255	$\frac{1}{17}$	$\frac{9}{85}$	$\frac{38}{255}$	$\frac{8}{17}$	$\Phi_{255}^{4}\,\Phi_{85}^{2}\,\Phi_{51}^{4}\,\Phi_{17}^{3}\,\Phi_{15}^{4}\,\Phi_{5}^{2}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
41432	868	408	$\frac{1}{17}$	$\frac{13}{204}$	$\frac{4}{17}$	$\frac{191}{408}$	$\Phi_{408}^{4}\,\Phi_{136}^{4}\,\Phi_{24}^{4}\,\Phi_{17}^{3}\,\Phi_{8}^{4}\,\Phi_{1}^{4}$
41433	868	225	$\frac{8}{225}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{225}^{4}\,\Phi_{75}^{4}\,\Phi_{45}^{4}\,\Phi_{25}^{4}\,\Phi_{15}^{2}\,\Phi_{9}^{4}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
41434	868	174	$\frac{1}{29}$	$\frac{2}{29}$	$\frac{1}{3}$	$\frac{27}{58}$	$\Phi_{174}^{14}\,\Phi_{87}\,\Phi_{6}^{14}$
41435	868	1248	$\frac{1}{32}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1248}\,\Phi_{624}\,\Phi_{312}\,\Phi_{156}\,\Phi_{96}^{2}\,\Phi_{78}\,\Phi_{48}^{2}\,\Phi_{24}^{2}\,\Phi_{12}^{2}\,\Phi_{6}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
41436	868	928	$\frac{1}{32}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{928}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}$
41437	868	1624	$\frac{1}{29}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{1624}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}$
41438	868	840	$\frac{1}{15}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{24}^2\ \Phi_{21}$
41439	868	783	$\frac{2}{87}$	$\frac{85}{783}$	$\frac{1}{3}$	$\frac{349}{783}$	$\Phi_{783}\ \Phi_{261}\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
41440	868	180	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^6\ \Phi_{45}^3\ \Phi_{36}^4\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_{10}^6\ \Phi_9^2\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
41441	868	765	$\frac{1}{51}$	$\frac{103}{765}$	$\frac{50}{153}$	$\frac{331}{765}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}^2\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}\ \Phi_{17}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
41442	868	867	$\frac{20}{867}$	$\frac{121}{867}$	$\frac{247}{867}$	$\frac{373}{867}$	$\Phi_{867}\ \Phi_{289}\ \Phi_{51}\ \Phi_{17}\ \Phi_3\ \Phi_1^2$
41443	868	435	$\frac{8}{435}$	$\frac{61}{435}$	$\frac{1}{3}$	$\frac{187}{435}$	$\Phi_{435}^2\ \Phi_{145}^2\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
41444	868	105	$\frac{1}{15}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{105}^9\ \Phi_{35}^7\ \Phi_{21}^9\ \Phi_{15}^8\ \Phi_7^8\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
41445	868	270	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{270}^6\ \Phi_{90}^6\ \Phi_{54}^4\ \Phi_{45}^3\ \Phi_{30}^6\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_{10}^6\ \Phi_9^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
41446	868	306	$\frac{1}{51}$	$\frac{25}{153}$	$\frac{89}{306}$	$\frac{64}{153}$	$\Phi_{306}^4\ \Phi_{153}^2\ \Phi_{102}^4\ \Phi_{51}\ \Phi_{34}^4\ \Phi_{18}^4\ \Phi_{17}\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
41447	868	252	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{252}^6\ \Phi_{84}^6\ \Phi_{63}^2\ \Phi_{36}^6\ \Phi_{28}^6\ \Phi_{21}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_7^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
41448	868	492	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{10}{41}$	$\frac{5}{12}$	$\Phi_{492}^3\ \Phi_{164}^3\ \Phi_{41}^3\ \Phi_{12}^4\ \Phi_4^4\ \Phi_1^4$
41449	868	480	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^3\ \Phi_{120}^2\ \Phi_{80}^3\ \Phi_{60}\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
41450	868	221	$\frac{4}{221}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{221}^4\ \Phi_{17}^3\ \Phi_{13}^4\ \Phi_1^4$
41451	868	660	$\frac{3}{220}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
41452	868	630	$\frac{1}{63}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{630}^2\ \Phi_{315}\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_6^2$
41453	868	520	$\frac{3}{65}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{520}^2\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{40}\ \Phi_{26}^2\ \Phi_{20}\ \Phi_{10}$
41454	868	51	$\frac{2}{51}$	$\frac{7}{51}$	$\frac{11}{51}$	$\frac{20}{51}$	$\Phi_{51}^{17}\ \Phi_{17}^{17}\ \Phi_3^{17}\ \Phi_1^{18}$
41455	868	34	$\frac{1}{17}$	$\frac{3}{34}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{34}^{24}\ \Phi_{17}^{27}\ \Phi_2^{24}\ \Phi_1^{28}$
41456	868	200	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{6}{25}$	$\frac{19}{50}$	$\Phi_{200}^5\ \Phi_{100}^5\ \Phi_{50}\ \Phi_{40}^5\ \Phi_{25}^4\ \Phi_{20}^5\ \Phi_{10}\ \Phi_8^4\ \Phi_5^4\ \Phi_4^4\ \Phi_1^4$
41457	868	348	$\frac{1}{87}$	$\frac{43}{174}$	$\frac{1}{3}$	$\frac{131}{348}$	$\Phi_{348}^4\ \Phi_{116}^4\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
41458	868	1392	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1392}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}$
41459	868	663	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{205}{663}$	$\frac{229}{663}$	$\Phi_{663}\ \Phi_{221}^2\ \Phi_{51}\ \Phi_{39}\ \Phi_{17}\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
41460	868	219	$\frac{2}{219}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{219}^4\ \Phi_{73}^4\ \Phi_3\ \Phi_1^2$
41461	868	324	$\frac{1}{108}$	$\frac{107}{324}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{81}^4\ \Phi_3\ \Phi_1^2$
41462	868	660	$\frac{3}{220}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
41463	868	288	$\frac{1}{72}$	$\frac{71}{288}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{288}^4\ \Phi_{144}^4\ \Phi_{96}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{16}^4\ \Phi_3\ \Phi_1^2$
41464	868	63	$\frac{1}{63}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{63}^{14}\ \Phi_{21}^{14}\ \Phi_9^{12}\ \Phi_7^{14}\ \Phi_3^{13}\ \Phi_1^{14}$
41465	868	270	$\frac{1}{54}$	$\frac{53}{270}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
41466	868	222	$\frac{5}{222}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{222}^4\ \Phi_{111}^4\ \Phi_{74}^4\ \Phi_{37}^4\ \Phi_3\ \Phi_1^2$
41467	868	36	$\frac{1}{36}$	$\frac{5}{36}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{36}^{24}\ \Phi_{18}^{24}\ \Phi_{12}^{24}\ \Phi_9^{24}\ \Phi_6^{24}\ \Phi_4^{24}\ \Phi_3^{25}\ \Phi_2^{24}\ \Phi_1^{26}$
41468	868	96	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{96}^7\ \Phi_{48}^7\ \Phi_{32}^{14}\ \Phi_{24}^6\ \Phi_{16}^{14}\ \Phi_{12}^6\ \Phi_8^{12}\ \Phi_6^6\ \Phi_4^{12}\ \Phi_3^7\ \Phi_2^{12}\ \Phi_1^{14}$
41469	868	225	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{225}^4\ \Phi_{75}^4\ \Phi_{45}^4\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
41470	868	243	$\frac{1}{27}$	$\frac{26}{243}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{243}^4\ \Phi_{81}^4\ \Phi_3\ \Phi_1^2$
41471	868	240	$\frac{1}{24}$	$\frac{23}{240}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
41472	868	228	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{228}^4\ \Phi_{114}^4\ \Phi_{76}^4\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
41473	868	459	$\frac{25}{459}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{459}^2\ \Phi_{153}^2\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_3\ \Phi_1^2$
41474	868	234	$\frac{1}{18}$	$\frac{17}{234}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{234}^4\ \Phi_{117}^4\ \Phi_{78}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_3\ \Phi_1^2$
41475	868	165	$\frac{2}{33}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}^6\ \Phi_{55}^6\ \Phi_{33}^4\ \Phi_{15}^2\ \Phi_{11}^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
41476	868	369	$\frac{2}{123}$	$\frac{2}{9}$	$\frac{121}{369}$	$\frac{1}{3}$	$\Phi_{369}^2\ \Phi_{123}^3\ \Phi_{41}^3\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
41477	868	645	$\frac{4}{215}$	$\frac{1}{5}$	$\frac{211}{645}$	$\frac{1}{3}$	$\Phi_{645}\ \Phi_{215}^2\ \Phi_{129}\ \Phi_{43}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
41478	868	261	$\frac{2}{87}$	$\frac{44}{261}$	$\frac{85}{261}$	$\frac{1}{3}$	$\Phi_{261}^3\ \Phi_{87}^4\ \Phi_{29}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
41479	868	45	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{45}^{28}\ \Phi_{15}^2\ \Phi_9^{28}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
41480	868	225	$\frac{8}{225}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{225}^4\ \Phi_{75}^4\ \Phi_{45}^3\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
41481	868	87	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{25}{87}$	$\frac{1}{3}$	$\Phi_{87}^8\ \Phi_{29}^{14}\ \Phi_3^7\ \Phi_1^{14}$
41482	868	369	$\frac{1}{41}$	$\frac{2}{9}$	$\frac{10}{41}$	$\frac{1}{3}$	$\Phi_{369}^3\ \Phi_{41}^3\ \Phi_9^4\ \Phi_1^4$
41483	868	285	$\frac{13}{285}$	$\frac{2}{15}$	$\frac{68}{285}$	$\frac{1}{3}$	$\Phi_{285}^3\ \Phi_{95}^3\ \Phi_{57}^3\ \Phi_{19}^3\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
41484	868	240	$\frac{1}{15}$	$\frac{23}{240}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_8^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
41485	868	120	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{120}^9\ \Phi_{60}^9\ \Phi_{40}^{10}\ \Phi_{24}^9\ \Phi_{20}^{10}\ \Phi_{15}^2\ \Phi_{12}^9\ \Phi_8^{10}\ \Phi_5^2\ \Phi_4^{10}\ \Phi_3\ \Phi_1^2$
41486	868	1440	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{160}\ \Phi_{90}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
41487	868	99	$\frac{2}{33}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{99}^9\ \Phi_{33}^{10}\ \Phi_{11}^{10}\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
41488	868	1320	$\frac{2}{33}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{110}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
41489	868	105	$\frac{1}{15}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^9\ \Phi_{35}^{10}\ \Phi_{21}^9\ \Phi_{15}^2\ \Phi_7^{10}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
41490	868	75	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{75}^{14}\ \Phi_{25}^{14}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
41491	868	180	$\frac{1}{15}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^6\ \Phi_{45}^6\ \Phi_{36}^4\ \Phi_{20}^6\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_9^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
41492	868	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{14}{45}$	$\Phi_{45}^{19}\ \Phi_{15}^{18}\ \Phi_9^{22}\ \Phi_5^{18}\ \Phi_3^{21}\ \Phi_1^{22}$
41493	868	360	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{14}{45}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{40}\ \Phi_{36}^4\ \Phi_{20}\ \Phi_{18}^4\ \Phi_{10}$
41494	868	405	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{405}^3\ \Phi_{81}^2\ \Phi_{45}^3\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
41495	868	34	$\frac{3}{34}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{34}^{28}\ \Phi_{17}^{23}\ \Phi_2^{28}\ \Phi_1^{24}$
41496	868	306	$\frac{1}{17}$	$\frac{13}{102}$	$\frac{4}{17}$	$\frac{89}{306}$	$\Phi_{306}^4\ \Phi_{153}^4\ \Phi_{18}^4\ \Phi_{17}^3\ \Phi_9^4\ \Phi_1^4$
41497	868	1080	$\frac{11}{135}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}$
41498	868	210	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{210}^4\ \Phi_{105}^5\ \Phi_{70}^4\ \Phi_{42}^2\ \Phi_{35}^5\ \Phi_{30}^4\ \Phi_{21}^3\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
41499	868	255	$\frac{1}{17}$	$\frac{38}{255}$	$\frac{4}{17}$	$\frac{13}{51}$	$\Phi_{255}^4\ \Phi_{85}^4\ \Phi_{17}^3\ \Phi_{15}^4\ \Phi_5^4\ \Phi_1^4$
41500	868	268	$\frac{3}{67}$	$\frac{51}{268}$	$\frac{16}{67}$	$\frac{1}{4}$	$\Phi_{268}^3\ \Phi_{134}^3\ \Phi_{67}^4\ \Phi_4^2\ \Phi_2^2\ \Phi_1^4$
41501	868	272	$\frac{1}{17}$	$\frac{13}{68}$	$\frac{55}{272}$	$\frac{4}{17}$	$\Phi_{272}^4\ \Phi_{136}^4\ \Phi_{17}^3\ \Phi_{16}^4\ \Phi_8^4\ \Phi_1^4$
41502	868	360	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{9}{40}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{40}^4\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^4\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
41503	868	40	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{9}{40}$	$\Phi_{40}^{21}\ \Phi_{20}^{21}\ \Phi_{10}^{25}\ \Phi_8^{20}\ \Phi_5^{24}\ \Phi_4^{20}\ \Phi_2^{24}\ \Phi_1^{24}$
41504	868	315	$\frac{1}{9}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{315}^3\ \Phi_{105}^3\ \Phi_{63}^3\ \Phi_{35}^4\ \Phi_{21}^3\ \Phi_9^3\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
41505	868	36	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{2}{9}$	$\Phi_{36}^{28}\ \Phi_{18}^{19}\ \Phi_{12}^{28}\ \Phi_9^{22}\ \Phi_6^{18}\ \Phi_4^{28}\ \Phi_3^{21}\ \Phi_2^{18}\ \Phi_1^{22}$
41506	868	119	$\frac{2}{17}$	$\frac{15}{119}$	$\frac{3}{17}$	$\frac{26}{119}$	$\Phi_{119}^7\ \Phi_{17}^9\ \Phi_7^7\ \Phi_1^{10}$
41507	868	280	$\frac{4}{35}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^4\ \Phi_{40}\ \Phi_{28}^4\ \Phi_{20}\ \Phi_{14}^4\ \Phi_{10}$
41508	868	600	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{5}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
41509	868	360	$\frac{1}{8}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{360}^4\ \Phi_{180}^3\ \Phi_{120}^2\ \Phi_{90}^3\ \Phi_{60}\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
41510	869	1728	$\frac{5}{864}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{859}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{8}\ \Phi_{1}$
41511	869	1488	$\frac{1}{124}$	$\frac{125}{744}$	$\frac{619}{1488}$	$\frac{123}{248}$	$\Phi_{1488}\ \Phi_{496}\ \Phi_{248}\ \Phi_{48}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
41512	869	780	$\frac{1}{78}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{77}{156}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{156}\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^3$
41513	869	780	$\frac{1}{78}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{77}{156}$	$\Phi_{780}^2\ \Phi_{260}^2\ \Phi_{156}^3\ \Phi_{60}^2\ \Phi_{52}^3\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^3\ \Phi_{4}^3\ \Phi_{3}\ \Phi_{1}$
41514	869	154	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{75}{154}$	$\Phi_{154}^4\ \Phi_{77}^7\ \Phi_{22}^4\ \Phi_{14}^6\ \Phi_{11}^7\ \Phi_{7}^8\ \Phi_{2}^6\ \Phi_{1}^9$
41515	869	1050	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{181}{1050}$	$\frac{169}{350}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}\ \Phi_{105}\ \Phi_{75}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
41516	869	1680	$\frac{29}{840}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{811}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{48}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
41517	869	1680	$\frac{29}{840}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{811}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{80}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
41518	869	1680	$\frac{29}{840}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{811}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{80}\ \Phi_{48}\ \Phi_{35}\ \Phi_{16}\ \Phi_{5}\ \Phi_{1}$
41519	869	1120	$\frac{1}{28}$	$\frac{29}{280}$	$\frac{251}{1120}$	$\frac{27}{56}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
41520	869	1008	$\frac{1}{28}$	$\frac{139}{1008}$	$\frac{29}{168}$	$\frac{27}{56}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
41521	869	456	$\frac{3}{76}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{456}^4\ \Phi_{152}^3\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
41522	869	1176	$\frac{13}{294}$	$\frac{1}{14}$	$\frac{307}{1176}$	$\frac{281}{588}$	$\Phi_{1176}\ \Phi_{392}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
41523	869	300	$\frac{4}{75}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{300}^3\ \Phi_{150}^2\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^4\ \Phi_{50}^2\ \Phi_{30}^3\ \Phi_{25}^3\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_{6}^2\ \Phi_{5}^3\ \Phi_{4}^3\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
41524	869	96	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{96}^7\ \Phi_{48}^{11}\ \Phi_{32}^8\ \Phi_{24}^{11}\ \Phi_{16}^{11}\ \Phi_{12}^{10}\ \Phi_{8}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
41525	869	144	$\frac{1}{12}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{144}$	$\Phi_{144}^{11}\ \Phi_{48}^{11}\ \Phi_{24}^4\ \Phi_{16}^{11}\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
41526	869	1620	$\frac{2}{81}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{324}\ \Phi_{180}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
41527	869	2340	$\frac{1}{39}$	$\frac{1}{10}$	$\frac{38}{117}$	$\frac{9}{20}$	$\Phi_{2340}\ \Phi_{468}\ \Phi_{180}\ \Phi_{117}\ \Phi_{36}\ \Phi_{20}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
41528	869	520	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{25}{104}$	$\frac{9}{20}$	$\Phi_{520}^2\ \Phi_{130}^2\ \Phi_{104}^3\ \Phi_{65}^2\ \Phi_{52}\ \Phi_{40}^2\ \Phi_{26}^2\ \Phi_{20}\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_{8}^3\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
41529	869	420	$\frac{5}{84}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{14}^3\ \Phi_{12}\ \Phi_{10}^2\ \Phi_{7}^3\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^3$
41530	869	1820	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{12}{91}$	$\frac{9}{20}$	$\Phi_{1820}\ \Phi_{364}\ \Phi_{140}\ \Phi_{91}\ \Phi_{28}\ \Phi_{20}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
41531	869	1008	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{139}{1008}$	$\frac{113}{252}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
41532	869	1568	$\frac{1}{28}$	$\frac{85}{784}$	$\frac{27}{112}$	$\frac{699}{1568}$	$\Phi_{1568}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
41533	869	1568	$\frac{1}{14}$	$\frac{85}{784}$	$\frac{13}{98}$	$\frac{699}{1568}$	$\Phi_{1568}\ \Phi_{224}\ \Phi_{98}\ \Phi_{49}\ \Phi_{32}\ \Phi_{1}$
41534	869	420	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{140}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^4\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
41535	869	980	$\frac{1}{14}$	$\frac{111}{980}$	$\frac{13}{98}$	$\frac{85}{196}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{140}\ \Phi_{98}\ \Phi_{70}\ \Phi_{49}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
41536	869	1512	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{113}{756}$	$\frac{643}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{168}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
41537	869	1488	$\frac{1}{62}$	$\frac{125}{744}$	$\frac{61}{186}$	$\frac{619}{1488}$	$\Phi_{1488}\ \Phi_{496}\ \Phi_{186}\ \Phi_{93}\ \Phi_{48}\ \Phi_{16}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
41538	869	910	$\frac{41}{910}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{910}\ \Phi_{455}\ \Phi_{182}\ \Phi_{130}\ \Phi_{91}\ \Phi_{65}\ \Phi_{35}\ \Phi_{26}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}$
41539	869	1240	$\frac{1}{62}$	$\frac{61}{310}$	$\frac{371}{1240}$	$\frac{249}{620}$	$\Phi_{1240}\ \Phi_{310}\ \Phi_{248}\ \Phi_{155}\ \Phi_{40}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
41540	869	720	$\frac{1}{80}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}^2\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}^2\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
41541	869	384	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{384}^4\ \Phi_{128}^3\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
41542	869	1400	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{169}{700}$	$\frac{531}{1400}$	$\Phi_{1400}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{25}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
41543	869	1296	$\frac{5}{432}$	$\frac{1}{4}$	$\frac{427}{1296}$	$\frac{3}{8}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
41544	869	80	$\frac{1}{80}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{80}^{11}\ \Phi_{40}^{11}\ \Phi_{20}^{11}\ \Phi_{16}^{10}\ \Phi_{10}^{11}\ \Phi_{8}^{11}\ \Phi_{5}^{11}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
41545	869	1152	$\frac{5}{288}$	$\frac{283}{1152}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{8}\ \Phi_{1}$
41546	869	888	$\frac{19}{888}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{888}\ \Phi_{444}\ \Phi_{296}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{8}\ \Phi_{1}$
41547	869	1080	$\frac{5}{216}$	$\frac{211}{1080}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
41548	869	896	$\frac{27}{896}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
41549	869	1008	$\frac{5}{144}$	$\frac{139}{1008}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
41550	869	912	$\frac{43}{912}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
41551	869	960	$\frac{5}{96}$	$\frac{91}{960}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
41552	869	936	$\frac{5}{72}$	$\frac{67}{936}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
41553	869	1344	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{197}{672}$	$\frac{475}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
41554	869	84	$\frac{5}{84}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{84}^{10}\ \Phi_{42}^{11}\ \Phi_{28}^{10}\ \Phi_{21}^{11}\ \Phi_{14}^{10}\ \Phi_{12}^{10}\ \Phi_{7}^{10}\ \Phi_{6}^{11}\ \Phi_{4}^{10}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
41555	869	120	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{120}^{11}\ \Phi_{60}^{4}\ \Phi_{40}^{11}\ \Phi_{30}^{4}\ \Phi_{24}^{11}\ \Phi_{20}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{11}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
41556	869	1116	$\frac{1}{62}$	$\frac{247}{1116}$	$\frac{61}{186}$	$\frac{125}{372}$	$\Phi_{1116}\ \Phi_{558}\ \Phi_{279}\ \Phi_{186}\ \Phi_{93}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
41557	869	405	$\frac{2}{81}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{405}^{2}\ \Phi_{135}^{2}\ \Phi_{81}^{3}\ \Phi_{45}^{2}\ \Phi_{27}^{3}\ \Phi_{15}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$
41558	869	585	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{38}{117}$	$\Phi_{585}^{2}\ \Phi_{117}^{3}\ \Phi_{45}^{2}\ \Phi_{15}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$
41559	869	1260	$\frac{29}{420}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{391}{1260}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
41560	869	1260	$\frac{29}{420}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{391}{1260}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{18}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
41561	869	1008	$\frac{1}{14}$	$\frac{139}{1008}$	$\frac{29}{168}$	$\frac{13}{42}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
41562	869	1050	$\frac{1}{14}$	$\frac{29}{210}$	$\frac{181}{1050}$	$\frac{13}{42}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{175}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{42}\ \Phi_{25}\ \Phi_{21}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
41563	869	114	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{6}$	$\frac{35}{114}$	$\Phi_{114}^{7}\ \Phi_{57}^{7}\ \Phi_{38}^{9}\ \Phi_{19}^{9}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
41564	869	1134	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{265}{1134}$	$\frac{113}{378}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{162}\ \Phi_{126}\ \Phi_{81}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
41565	869	96	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{96}^{11}\ \Phi_{48}^{11}\ \Phi_{32}^{11}\ \Phi_{24}^{4}\ \Phi_{16}^{11}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
41566	869	84	$\frac{5}{84}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{84}^{11}\ \Phi_{42}^{11}\ \Phi_{28}^{11}\ \Phi_{21}^{11}\ \Phi_{14}^{6}\ \Phi_{12}^{11}\ \Phi_{7}^{8}\ \Phi_{6}^{11}\ \Phi_{4}^{11}\ \Phi_{3}^{11}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
41567	869	945	$\frac{76}{945}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
41568	869	1560	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{25}{104}$	$\frac{4}{15}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{312}\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}\ \Phi_{60}\ \Phi_{52}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
41569	869	420	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{3}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{42}^{3}\ \Phi_{35}^{2}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
41570	869	1365	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1365}\ \Phi_{273}\ \Phi_{105}\ \Phi_{91}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
41571	869	180	$\frac{1}{12}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{180}^{6}\ \Phi_{90}^{5}\ \Phi_{60}^{4}\ \Phi_{45}^{5}\ \Phi_{36}^{6}\ \Phi_{30}^{3}\ \Phi_{20}^{4}\ \Phi_{18}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{9}^{5}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
41572	869	1176	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{85}{392}$	$\frac{307}{1176}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{49}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
41573	869	1120	$\frac{29}{280}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{251}{1120}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{35}\ \Phi_{32}\ \Phi_{16}\ \Phi_{5}\ \Phi_{1}$
41574	869	300	$\frac{1}{12}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{300}^{3}\ \Phi_{150}^{3}\ \Phi_{100}^{2}\ \Phi_{75}^{3}\ \Phi_{60}^{4}\ \Phi_{50}^{2}\ \Phi_{30}^{4}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
41575	869	980	$\frac{111}{980}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{140}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{35}\ \Phi_{5}\ \Phi_{1}$
41576	869	1050	$\frac{29}{210}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{181}{1050}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{175}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{35}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
41577	870	1384	$\frac{1}{173}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{86}{173}$	$\Phi_{1384}\ \Phi_{173}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
41578	870	1440	$\frac{1}{144}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{143}{288}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}^{2}\ \Phi_{160}\ \Phi_{96}^{2}\ \Phi_{32}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
41579	870	288	$\frac{1}{144}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{143}{288}$	$\Phi_{288}^{6}\ \Phi_{96}^{6}\ \Phi_{32}^{6}\ \Phi_{12}\ \Phi_{6}$
41580	870	388	$\frac{1}{97}$	$\frac{1}{4}$	$\frac{49}{194}$	$\frac{48}{97}$	$\Phi_{388}^{3}\ \Phi_{194}\ \Phi_{97}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
41581	870	1548	$\frac{1}{86}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{85}{172}$	$\Phi_{1548}\ \Phi_{516}\ \Phi_{172}^{2}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
41582	870	516	$\frac{1}{86}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{85}{172}$	$\Phi_{516}^{3}\ \Phi_{172}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
41583	870	158	$\frac{1}{79}$	$\frac{8}{79}$	$\frac{71}{158}$	$\frac{39}{79}$	$\Phi_{158}^{10}\ \Phi_{79}\ \Phi_{2}^{10}\ \Phi_{1}^{2}$
41584	870	286	$\frac{2}{143}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{141}{286}$	$\Phi_{286}^{6}\ \Phi_{26}^{6}\ \Phi_{22}^{6}\ \Phi_{11}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
41585	870	1596	$\frac{1}{57}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{28}{57}$	$\Phi_{1596}\ \Phi_{532}\ \Phi_{228}\ \Phi_{84}\ \Phi_{76}\ \Phi_{57}\ \Phi_{28}^{2}\ \Phi_{19}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
41586	870	399	$\frac{1}{57}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{28}{57}$	$\Phi_{399}^{2}\ \Phi_{133}^{2}\ \Phi_{57}^{3}\ \Phi_{21}^{2}\ \Phi_{19}^{3}\ \Phi_{7}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
41587	870	228	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{28}{57}$	$\Phi_{228}^{5}\ \Phi_{114}^{2}\ \Phi_{76}^{5}\ \Phi_{57}^{3}\ \Phi_{38}^{2}\ \Phi_{19}^{3}\ \Phi_{12}^{7}\ \Phi_{6}^{3}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
41588	870	510	$\frac{2}{85}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{83}{170}$	$\Phi_{510}^{2}\ \Phi_{255}^{2}\ \Phi_{102}^{2}\ \Phi_{85}^{2}\ \Phi_{51}^{2}\ \Phi_{30}^{3}\ \Phi_{17}^{2}\ \Phi_{15}^{3}\ \Phi_{10}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
41589	870	869	$\frac{21}{869}$	$\frac{89}{869}$	$\frac{260}{869}$	$\frac{424}{869}$	$\Phi_{869}\ \Phi_{79}\ \Phi_{11}\ \Phi_{1}^{2}$
41590	870	210	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{6}{35}$	$\frac{17}{35}$	$\Phi_{210}^{5}\ \Phi_{105}^{5}\ \Phi_{70}^{5}\ \Phi_{42}^{5}\ \Phi_{30}^{5}\ \Phi_{21}^{5}\ \Phi_{15}^{5}\ \Phi_{14}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
41591	870	869	$\frac{25}{869}$	$\frac{144}{869}$	$\frac{149}{869}$	$\frac{422}{869}$	$\Phi_{869}\ \Phi_{79}\ \Phi_{11}\ \Phi_{1}^{2}$
41592	870	388	$\frac{3}{97}$	$\frac{10}{97}$	$\frac{1}{4}$	$\frac{47}{97}$	$\Phi_{388}^{3}\ \Phi_{194}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
41593	870	1624	$\frac{1}{29}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{14}{29}$	$\Phi_{1624}\ \Phi_{232}\ \Phi_{56}^{2}\ \Phi_{29}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
41594	870	1218	$\frac{1}{29}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{14}{29}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{174}\ \Phi_{87}\ \Phi_{42}^{2}\ \Phi_{29}\ \Phi_{21}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
41595	870	928	$\frac{1}{29}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{928}\ \Phi_{464}\ \Phi_{232}\ \Phi_{32}^{2}\ \Phi_{29}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
41596	870	1015	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{14}{29}$	$\Phi_{1015}\ \Phi_{145}\ \Phi_{35}^{2}\ \Phi_{29}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
41597	870	336	$\frac{1}{28}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{336}^{4}\ \Phi_{168}^{3}\ \Phi_{84}^{4}\ \Phi_{48}^{5}\ \Phi_{42}^{4}\ \Phi_{24}^{4}\ \Phi_{21}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
41598	870	1624	$\frac{1}{28}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{27}{56}$	$\Phi_{1624}\ \Phi_{232}\ \Phi_{56}^{2}\ \Phi_{29}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
41599	870	616	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{616}^{3}\ \Phi_{88}^{3}\ \Phi_{44}\ \Phi_{22}$
41600	870	1624	$\frac{1}{28}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{27}{56}$	$\Phi_{1624}\ \Phi_{232}\ \Phi_{56}^{2}\ \Phi_{29}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
41601	870	168	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{27}{56}$	$\Phi_{168}^{12}\ \Phi_{56}^{6}\ \Phi_{42}\ \Phi_{24}^{12}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}^{6}$
41602	870	300	$\frac{1}{25}$	$\frac{13}{100}$	$\frac{1}{6}$	$\frac{12}{25}$	$\Phi_{300}^{4}\ \Phi_{150}^{3}\ \Phi_{100}^{2}\ \Phi_{75}^{3}\ \Phi_{60}^{4}\ \Phi_{50}\ \Phi_{30}^{3}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
41603	870	836	$\frac{17}{418}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{401}{836}$	$\Phi_{836}^{2}\ \Phi_{76}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
41604	870	55	$\frac{3}{55}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{26}{55}$	$\Phi_{55}^{15}\ \Phi_{11}^{19}\ \Phi_{5}^{15}\ \Phi_{1}^{20}$
41605	870	176	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{31}{176}$	$\frac{83}{176}$	$\Phi_{176}^{4}\ \Phi_{88}^{6}\ \Phi_{44}^{6}\ \Phi_{22}^{6}\ \Phi_{16}^{4}\ \Phi_{11}^{5}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
41606	870	158	$\frac{5}{79}$	$\frac{13}{158}$	$\frac{14}{79}$	$\frac{37}{79}$	$\Phi_{158}^{6}\ \Phi_{79}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
41607	870	420	$\frac{1}{30}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{420}^{4}\ \Phi_{140}^{4}\ \Phi_{84}^{3}\ \Phi_{60}^{4}\ \Phi_{30}^{2}\ \Phi_{28}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
41608	870	532	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{9}{38}$	$\frac{13}{28}$	$\Phi_{532}^{3}\ \Phi_{76}^{3}\ \Phi_{38}^{2}\ \Phi_{28}^{4}\ \Phi_{19}\ \Phi_{4}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
41609	870	1674	$\frac{1}{31}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1674}\ \Phi_{558}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
41610	870	1760	$\frac{7}{80}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{73}{160}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
41611	870	572	$\frac{6}{143}$	$\frac{1}{11}$	$\frac{137}{572}$	$\frac{5}{11}$	$\Phi_{572}^{2}\ \Phi_{286}^{2}\ \Phi_{52}^{2}\ \Phi_{44}^{2}\ \Phi_{26}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
41612	870	154	$\frac{9}{154}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{154}^{6}\ \Phi_{77}^{6}\ \Phi_{22}^{6}\ \Phi_{14}^{6}\ \Phi_{11}\ \Phi_{7}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
41613	870	264	$\frac{1}{11}$	$\frac{13}{132}$	$\frac{5}{44}$	$\frac{119}{264}$	$\Phi_{264}^{6}\ \Phi_{88}^{6}\ \Phi_{44}^{2}\ \Phi_{24}^{6}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{8}^{6}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
41614	870	1240	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1240}\ \Phi_{310}\ \Phi_{248}\ \Phi_{155}\ \Phi_{62}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
41615	870	158	$\frac{7}{79}$	$\frac{8}{79}$	$\frac{9}{79}$	$\frac{71}{158}$	$\Phi_{158}^{10}\ \Phi_{79}\ \Phi_{2}^{10}\ \Phi_{1}^{2}$
41616	870	387	$\frac{1}{43}$	$\frac{1}{9}$	$\frac{14}{43}$	$\frac{4}{9}$	$\Phi_{387}^{2}\ \Phi_{129}^{2}\ \Phi_{43}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
41617	870	180	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{180}^{6}\ \Phi_{90}^{3}\ \Phi_{60}^{8}\ \Phi_{45}^{3}\ \Phi_{36}^{5}\ \Phi_{30}^{4}\ \Phi_{20}^{8}\ \Phi_{18}^{2}\ \Phi_{15}^{4}\ \Phi_{12}^{7}\ \Phi_{10}^{4}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
41618	870	352	$\frac{1}{11}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{352}^{3}\ \Phi_{176}^{2}\ \Phi_{88}^{3}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{11}^{2}$
41619	870	154	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{154}$	$\Phi_{154}^{10}\ \Phi_{22}^{10}\ \Phi_{14}^{10}\ \Phi_{11}^{9}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
41620	870	869	$\frac{17}{869}$	$\frac{117}{869}$	$\frac{284}{869}$	$\frac{376}{869}$	$\Phi_{869}\ \Phi_{79}\ \Phi_{11}\ \Phi_{1}^{2}$
41621	870	546	$\frac{4}{91}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{546}^{2}\ \Phi_{273}^{2}\ \Phi_{182}^{2}\ \Phi_{78}^{2}\ \Phi_{42}\ \Phi_{39}^{2}\ \Phi_{26}^{2}\ \Phi_{21}\ \Phi_{14}$
41622	870	1550	$\frac{1}{31}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1550}\ \Phi_{310}\ \Phi_{155}\ \Phi_{62}$
41623	870	150	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{21}{50}$	$\Phi_{150}^{7}\ \Phi_{75}^{7}\ \Phi_{50}\ \Phi_{30}^{7}\ \Phi_{25}^{6}\ \Phi_{15}^{7}\ \Phi_{10}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
41624	870	930	$\frac{1}{30}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{930}\ \Phi_{465}\ \Phi_{310}\ \Phi_{186}\ \Phi_{155}\ \Phi_{93}\ \Phi_{62}$
41625	870	1116	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1116}\ \Phi_{558}\ \Phi_{279}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
41626	870	869	$\frac{24}{869}$	$\frac{169}{869}$	$\frac{173}{869}$	$\frac{350}{869}$	$\Phi_{869}\ \Phi_{79}\ \Phi_{11}\ \Phi_{1}^{2}$
41627	870	388	$\frac{2}{97}$	$\frac{19}{97}$	$\frac{1}{4}$	$\frac{39}{97}$	$\Phi_{388}^{3}\ \Phi_{194}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
41628	870	735	$\frac{2}{147}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}^{2}\ \Phi_{105}\ \Phi_{49}^{2}\ \Phi_{35}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
41629	870	1080	$\frac{1}{72}$	$\frac{1}{5}$	$\frac{71}{216}$	$\frac{2}{5}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}^{2}\ \Phi_{135}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
41630	870	740	$\frac{3}{148}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{740}\ \Phi_{370}\ \Phi_{185}\ \Phi_{148}^{2}\ \Phi_{74}^{2}\ \Phi_{37}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
41631	870	960	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{47}{192}$	$\frac{2}{5}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}^{2}\ \Phi_{160}\ \Phi_{96}^{2}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
41632	870	180	$\frac{1}{36}$	$\frac{7}{36}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{180}^{4}\ \Phi_{90}^{4}\ \Phi_{60}^{4}\ \Phi_{45}^{4}\ \Phi_{36}^{8}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{18}^{8}\ \Phi_{15}^{4}\ \Phi_{12}^{8}\ \Phi_{10}^{4}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{5}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
41633	870	30	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{30}^{29}\ \Phi_{15}^{29}\ \Phi_{10}^{29}\ \Phi_{6}^{28}\ \Phi_{5}^{30}\ \Phi_{3}^{28}\ \Phi_{2}^{28}\ \Phi_{1}^{30}$
41634	870	840	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}^{2}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{70}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
41635	870	760	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{152}^{2}\ \Phi_{95}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
41636	870	765	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}^{2}\ \Phi_{85}\ \Phi_{51}^{2}\ \Phi_{17}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
41637	870	810	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{162}^{2}\ \Phi_{135}\ \Phi_{81}^{2}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
41638	870	160	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{160}^{5}\ \Phi_{80}^{4}\ \Phi_{40}^{4}\ \Phi_{32}^{10}\ \Phi_{20}^{4}\ \Phi_{16}^{8}\ \Phi_{10}^{4}\ \Phi_{8}^{8}\ \Phi_{5}^{5}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
41639	870	780	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}^{2}\ \Phi_{130}\ \Phi_{78}^{2}\ \Phi_{65}\ \Phi_{52}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
41640	870	1488	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1488}\ \Phi_{496}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
41641	870	237	$\frac{1}{79}$	$\frac{53}{237}$	$\frac{26}{79}$	$\frac{92}{237}$	$\Phi_{237}^{3}\ \Phi_{79}^{5}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
41642	870	704	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{83}{352}$	$\frac{269}{704}$	$\Phi_{704}^{2}\ \Phi_{88}^{2}\ \Phi_{64}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
41643	870	420	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{17}{70}$	$\frac{53}{140}$	$\Phi_{420}^{4}\ \Phi_{210}\ \Phi_{140}^{2}\ \Phi_{105}\ \Phi_{84}^{4}\ \Phi_{70}\ \Phi_{60}^{4}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{4}^{2}$
41644	870	632	$\frac{1}{79}$	$\frac{39}{158}$	$\frac{197}{632}$	$\frac{119}{316}$	$\Phi_{632}^{2}\ \Phi_{158}^{2}\ \Phi_{79}\ \Phi_{8}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
41645	870	264	$\frac{1}{88}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{264}^{5}\ \Phi_{132}^{5}\ \Phi_{66}^{5}\ \Phi_{33}^{5}\ \Phi_{24}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
41646	870	1384	$\frac{2}{173}$	$\frac{1}{4}$	$\frac{57}{173}$	$\frac{3}{8}$	$\Phi_{1384}\ \Phi_{173}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
41647	870	472	$\frac{1}{59}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{472}^{3}\ \Phi_{236}\ \Phi_{118}$
41648	870	1384	$\frac{5}{173}$	$\frac{28}{173}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1384}\ \Phi_{173}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
41649	870	840	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^{2}\ \Phi_{280}^{2}\ \Phi_{210}\ \Phi_{168}^{2}\ \Phi_{105}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
41650	870	869	$\frac{19}{869}$	$\frac{170}{869}$	$\frac{233}{869}$	$\frac{318}{869}$	$\Phi_{869}\ \Phi_{79}\ \Phi_{11}\ \Phi_{1}^{2}$
41651	870	930	$\frac{1}{30}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{930}\ \Phi_{465}\ \Phi_{310}\ \Phi_{186}\ \Phi_{155}\ \Phi_{93}\ \Phi_{62}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
41652	870	158	$\frac{4}{79}$	$\frac{13}{158}$	$\frac{25}{79}$	$\frac{27}{79}$	$\Phi_{158}^{6}\ \Phi_{79}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
41653	870	44	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{44}^{30}\ \Phi_{22}^{10}\ \Phi_{11}^{9}\ \Phi_{4}^{30}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
41654	870	869	$\frac{26}{869}$	$\frac{115}{869}$	$\frac{281}{869}$	$\frac{294}{869}$	$\Phi_{869}\ \Phi_{79}\ \Phi_{11}\ \Phi_{1}^{2}$
41655	870	1050	$\frac{4}{175}$	$\frac{1}{6}$	$\frac{57}{175}$	$\frac{59}{175}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{210}\ \Phi_{150}\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}\ \Phi_{50}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
41656	870	654	$\frac{1}{109}$	$\frac{36}{109}$	$\frac{1}{3}$	$\frac{73}{218}$	$\Phi_{654}^{3}\ \Phi_{327}\ \Phi_{6}^{3}$
41657	870	588	$\frac{2}{147}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{588}^{2}\ \Phi_{294}^{2}\ \Phi_{196}^{2}\ \Phi_{98}^{2}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{6}$
41658	870	216	$\frac{1}{72}$	$\frac{1}{4}$	$\frac{71}{216}$	$\frac{1}{3}$	$\Phi_{216}^{6}\ \Phi_{108}^{6}\ \Phi_{54}^{6}\ \Phi_{27}^{6}\ \Phi_{12}\ \Phi_{6}$
41659	870	258	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{14}{43}$	$\frac{1}{3}$	$\Phi_{258}^{4}\ \Phi_{129}^{2}\ \Phi_{86}^{4}\ \Phi_{43}^{4}\ \Phi_{6}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
41660	870	1308	$\frac{13}{436}$	$\frac{59}{436}$	$\frac{141}{436}$	$\frac{1}{3}$	$\Phi_{1308}\ \Phi_{654}\ \Phi_{327}\ \Phi_{12}\ \Phi_{6}$
41661	870	336	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{112}^{4}\ \Phi_{84}^{2}\ \Phi_{56}^{4}\ \Phi_{48}^{3}\ \Phi_{42}\ \Phi_{28}^{4}\ \Phi_{24}^{3}\ \Phi_{21}\ \Phi_{16}^{4}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
41662	870	210	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{210}^{4}\ \Phi_{105}^{4}\ \Phi_{70}^{4}\ \Phi_{42}^{4}\ \Phi_{35}^{4}\ \Phi_{30}^{6}\ \Phi_{21}^{2}\ \Phi_{15}^{6}\ \Phi_{14}^{4}\ \Phi_{10}^{6}\ \Phi_{7}^{4}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
41663	870	1308	$\frac{11}{436}$	$\frac{85}{436}$	$\frac{117}{436}$	$\frac{1}{3}$	$\Phi_{1308}\ \Phi_{654}\ \Phi_{327}\ \Phi_{12}\ \Phi_{6}$
41664	870	444	$\frac{3}{148}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{444}^{3}\ \Phi_{222}^{3}\ \Phi_{111}^{3}\ \Phi_{12}\ \Phi_{6}$
41665	870	192	$\frac{1}{48}$	$\frac{47}{192}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{192}^{6}\ \Phi_{96}^{6}\ \Phi_{64}^{6}\ \Phi_{32}^{6}\ \Phi_{12}\ \Phi_{6}$
41666	870	1188	$\frac{7}{297}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}\ \Phi_{66}\ \Phi_{54}\ \Phi_{44}\ \Phi_{22}\ \Phi_{12}\ \Phi_{6}$
41667	870	36	$\frac{1}{36}$	$\frac{7}{36}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{36}^{24}\ \Phi_{18}^{24}\ \Phi_{12}^{25}\ \Phi_{9}^{24}\ \Phi_{6}^{25}\ \Phi_{4}^{24}\ \Phi_{3}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{24}$
41668	870	1344	$\frac{13}{448}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
41669	870	60	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^{20}\ \Phi_{30}^{10}\ \Phi_{20}^{20}\ \Phi_{15}^{10}\ \Phi_{12}^{17}\ \Phi_{10}^{10}\ \Phi_{6}^{9}\ \Phi_{5}^{10}\ \Phi_{4}^{16}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
41670	870	168	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^{6}\ \Phi_{84}^{6}\ \Phi_{56}^{6}\ \Phi_{42}^{6}\ \Phi_{28}^{6}\ \Phi_{21}^{6}\ \Phi_{14}^{6}\ \Phi_{12}\ \Phi_{7}^{6}\ \Phi_{6}$
41671	870	456	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{456}^{3}\ \Phi_{228}^{3}\ \Phi_{114}^{3}\ \Phi_{57}^{3}\ \Phi_{12}\ \Phi_{6}$
41672	870	612	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{204}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{34}^{2}\ \Phi_{12}\ \Phi_{6}$
41673	870	324	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{324}^{4}\ \Phi_{162}^{2}\ \Phi_{108}^{4}\ \Phi_{81}^{2}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{12}\ \Phi_{6}$
41674	870	96	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{96}^{15}\ \Phi_{48}^{12}\ \Phi_{24}^{12}\ \Phi_{12}^{13}\ \Phi_{6}^{13}\ \Phi_{3}^{12}$
41675	870	156	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^{6}\ \Phi_{78}^{6}\ \Phi_{52}^{6}\ \Phi_{39}^{6}\ \Phi_{26}^{6}\ \Phi_{13}^{6}\ \Phi_{12}\ \Phi_{6}$
41676	870	1116	$\frac{1}{31}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1116}\ \Phi_{558}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}$
41677	870	1680	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{240}\ \Phi_{210}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
41678	870	150	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{17}{75}$	$\frac{8}{25}$	$\Phi_{150}^{7}\ \Phi_{75}^{4}\ \Phi_{50}^{7}\ \Phi_{30}^{7}\ \Phi_{25}^{6}\ \Phi_{15}^{4}\ \Phi_{10}^{7}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
41679	870	510	$\frac{4}{85}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{27}{85}$	$\Phi_{510}^{2}\ \Phi_{255}^{2}\ \Phi_{170}^{2}\ \Phi_{102}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{2}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
41680	870	1218	$\frac{2}{29}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{9}{29}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{174}\ \Phi_{87}\ \Phi_{42}^{2}\ \Phi_{29}\ \Phi_{21}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
41681	870	928	$\frac{2}{29}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{928}\ \Phi_{464}\ \Phi_{232}\ \Phi_{32}^{2}\ \Phi_{29}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
41682	870	1015	$\frac{2}{29}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{9}{29}$	$\Phi_{1015}\ \Phi_{145}\ \Phi_{35}^{2}\ \Phi_{29}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
41683	870	924	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{924}^{2}\ \Phi_{462}\ \Phi_{231}\ \Phi_{132}^{2}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
41684	870	1218	$\frac{1}{14}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{13}{42}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{174}\ \Phi_{87}\ \Phi_{42}^{2}\ \Phi_{29}\ \Phi_{21}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
41685	870	42	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{13}{42}$	$\Phi_{42}^{19}\ \Phi_{21}^{19}\ \Phi_{14}^{25}\ \Phi_{7}^{24}\ \Phi_{6}^{18}\ \Phi_{3}^{18}\ \Phi_{2}^{24}\ \Phi_{1}^{24}$
41686	870	176	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{31}{176}$	$\frac{13}{44}$	$\Phi_{176}^{6}\ \Phi_{88}^{6}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{16}^{6}\ \Phi_{11}\ \Phi_{8}^{6}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
41687	870	266	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{9}{38}$	$\frac{2}{7}$	$\Phi_{266}^{4}\ \Phi_{133}^{2}\ \Phi_{38}^{6}\ \Phi_{19}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
41688	870	126	$\frac{5}{63}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{126}^{9}\ \Phi_{63}^{6}\ \Phi_{42}^{7}\ \Phi_{21}^{4}\ \Phi_{18}^{9}\ \Phi_{14}^{7}\ \Phi_{9}^{6}\ \Phi_{7}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
41689	870	440	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{440}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{88}^3\ \Phi_{55}^2\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{11}^2$
41690	870	143	$\frac{8}{143}$	$\frac{2}{11}$	$\frac{27}{143}$	$\frac{3}{11}$	$\Phi_{143}^6\ \Phi_{13}^6\ \Phi_{11}^7\ \Phi_1^8$
41691	870	33	$\frac{1}{11}$	$\frac{4}{33}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{33}^{30}\ \Phi_{11}^{19}\ \Phi_3^{30}\ \Phi_1^{20}$
41692	870	352	$\frac{1}{11}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{352}^3\ \Phi_{176}^3\ \Phi_{88}^3\ \Phi_{44}\ \Phi_{22}$
41693	870	228	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{9}{38}$	$\frac{1}{4}$	$\Phi_{228}^6\ \Phi_{114}^3\ \Phi_{76}^3\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{12}^8\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^2$
41694	870	1232	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
41695	870	928	$\frac{3}{32}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\Phi_{928}\ \Phi_{464}\ \Phi_{232}\ \Phi_{32}^2\ \Phi_{29}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
41696	870	1540	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{220}\ \Phi_{110}\ \Phi_{44}\ \Phi_{22}$
41697	870	672	$\frac{3}{32}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}\ \Phi_{168}^2\ \Phi_{112}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
41698	870	336	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{25}{112}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{48}^4\ \Phi_{42}\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{14}\ \Phi_8^2$
41699	870	294	$\frac{11}{98}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{294}^4\ \Phi_{147}^4\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
41700	870	95	$\frac{8}{95}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{95}^9\ \Phi_{19}^{10}\ \Phi_5^8\ \Phi_1^{10}$
41701	870	110	$\frac{1}{11}$	$\frac{9}{55}$	$\frac{2}{11}$	$\frac{23}{110}$	$\Phi_{110}^{10}\ \Phi_{55}^5\ \Phi_{22}^{10}\ \Phi_{11}^9\ \Phi_{10}^{10}\ \Phi_5^5\ \Phi_2^{10}\ \Phi_1^{10}$
41702	870	1015	$\frac{4}{29}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{5}{29}$	$\Phi_{1015}\ \Phi_{145}\ \Phi_{35}^2\ \Phi_{29}\ \Phi_5^2\ \Phi_1^2$
41703	870	210	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{35}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^6\ \Phi_{42}\ \Phi_{30}^6\ \Phi_{21}\ \Phi_{15}^6\ \Phi_{14}\ \Phi_{10}^6$
41704	871	1392	$\frac{1}{174}$	$\frac{175}{696}$	$\frac{521}{1392}$	$\frac{173}{348}$	$\Phi_{1392}\ \Phi_{464}\ \Phi_{348}\ \Phi_{116}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
41705	871	1164	$\frac{2}{291}$	$\frac{293}{1164}$	$\frac{1}{3}$	$\frac{289}{582}$	$\Phi_{1164}\ \Phi_{388}\ \Phi_{291}\ \Phi_{97}\ \Phi_{12}\ \Phi_4\ \Phi_1$
41706	871	1728	$\frac{7}{864}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{857}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{12}\ \Phi_4\ \Phi_1$
41707	871	1728	$\frac{7}{864}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{857}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_9\ \Phi_1$
41708	871	1720	$\frac{11}{860}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{849}{1720}$	$\Phi_{1720}\ \Phi_{344}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
41709	871	264	$\frac{1}{66}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{65}{132}$	$\Phi_{264}^6\ \Phi_{132}\ \Phi_{88}^6\ \Phi_{44}\ \Phi_{24}^7\ \Phi_{12}\ \Phi_8^7\ \Phi_4\ \Phi_1$
41710	871	660	$\frac{1}{66}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{65}{132}$	$\Phi_{660}^3\ \Phi_{220}^3\ \Phi_{132}\ \Phi_{60}^3\ \Phi_{44}\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
41711	871	396	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{65}{132}$	$\Phi_{396}^6\ \Phi_{132}\ \Phi_{44}\ \Phi_{36}^6\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
41712	871	528	$\frac{1}{66}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{65}{132}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{48}^2\ \Phi_{44}\ \Phi_{24}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
41713	871	1624	$\frac{1}{58}$	$\frac{59}{812}$	$\frac{753}{1624}$	$\frac{57}{116}$	$\Phi_{1624}\ \Phi_{232}\ \Phi_{116}\ \Phi_{56}\ \Phi_8\ \Phi_4\ \Phi_1$
41714	871	1050	$\frac{4}{175}$	$\frac{179}{1050}$	$\frac{1}{5}$	$\frac{171}{350}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}\ \Phi_{105}\ \Phi_{75}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
41715	871	1700	$\frac{21}{850}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{829}{1700}$	$\Phi_{1700}\ \Phi_{340}\ \Phi_{100}\ \Phi_{68}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
41716	871	1000	$\frac{4}{125}$	$\frac{129}{1000}$	$\frac{1}{5}$	$\frac{121}{250}$	$\Phi_{1000}\ \Phi_{500}\ \Phi_{200}\ \Phi_{125}\ \Phi_{100}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
41717	871	1680	$\frac{1}{30}$	$\frac{31}{840}$	$\frac{809}{1680}$	$\frac{29}{60}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
41718	871	1260	$\frac{1}{30}$	$\frac{31}{420}$	$\frac{389}{1260}$	$\frac{29}{60}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
41719	871	960	$\frac{1}{30}$	$\frac{89}{960}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
41720	871	1680	$\frac{31}{840}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{809}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
41721	871	1680	$\frac{31}{840}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{809}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{80}\ \Phi_{48}\ \Phi_{35}\ \Phi_{16}\ \Phi_7\ \Phi_1$
41722	871	75	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{75}^{13}\ \Phi_{25}^9\ \Phi_{15}^{13}\ \Phi_5^8\ \Phi_3^{13}\ \Phi_1^9$
41723	871	896	$\frac{3}{64}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{896}^2\ \Phi_{128}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
41724	871	75	$\frac{1}{15}$	$\frac{8}{75}$	$\frac{2}{15}$	$\frac{7}{15}$	$\Phi_{75}^{13}\ \Phi_{25}^{13}\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^6\ \Phi_1^7$
41725	871	1620	$\frac{1}{30}$	$\frac{61}{810}$	$\frac{29}{90}$	$\frac{749}{1620}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{324}\ \Phi_{180}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
41726	871	552	$\frac{2}{69}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{552}^3\ \Phi_{184}^3\ \Phi_{69}\ \Phi_{24}\ \Phi_{23}\ \Phi_8\ \Phi_1$
41727	871	792	$\frac{1}{33}$	$\frac{1}{12}$	$\frac{32}{99}$	$\frac{11}{24}$	$\Phi_{792}^3\ \Phi_{99}\ \Phi_{72}^3\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
41728	871	264	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{21}{88}$	$\frac{11}{24}$	$\Phi_{264}^2\ \Phi_{132}^4\ \Phi_{88}^3\ \Phi_{66}^4\ \Phi_{44}^5\ \Phi_{33}^4\ \Phi_{24}^3\ \Phi_{22}^4\ \Phi_{12}^4\ \Phi_{11}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
41729	871	72	$\frac{5}{72}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{72}^{13}\ \Phi_{36}^{13}\ \Phi_{24}^8\ \Phi_{18}^{13}\ \Phi_{12}^{13}\ \Phi_9^{13}\ \Phi_8^8\ \Phi_6^{12}\ \Phi_4^{13}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
41730	871	1848	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{11}{24}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{168}\ \Phi_{77}\ \Phi_{56}\ \Phi_{24}\ \Phi_8\ \Phi_7\ \Phi_1$
41731	871	1600	$\frac{71}{800}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{729}{1600}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
41732	871	1200	$\frac{1}{30}$	$\frac{29}{300}$	$\frac{329}{1200}$	$\frac{271}{600}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
41733	871	960	$\frac{89}{960}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{160}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
41734	871	70	$\frac{3}{70}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{70}^{12}\ \Phi_{35}^{13}\ \Phi_{14}^{12}\ \Phi_{10}^{12}\ \Phi_7^{13}\ \Phi_5^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
41735	871	120	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{2}{15}$	$\frac{53}{120}$	$\Phi_{120}^{13}\ \Phi_{40}^{13}\ \Phi_{24}^{13}\ \Phi_{15}^6\ \Phi_8^{13}\ \Phi_5^6\ \Phi_3^6\ \Phi_1^7$
41736	871	1540	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{770}$	$\frac{669}{1540}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_4\ \Phi_1$
41737	871	900	$\frac{29}{900}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
41738	871	1080	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{209}{1080}$	$\frac{151}{360}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
41739	871	1500	$\frac{4}{125}$	$\frac{121}{750}$	$\frac{1}{5}$	$\frac{629}{1500}$	$\Phi_{1500}\ \Phi_{500}\ \Phi_{300}\ \Phi_{125}\ \Phi_{100}\ \Phi_{60}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
41740	871	1500	$\frac{1}{30}$	$\frac{121}{750}$	$\frac{29}{150}$	$\frac{629}{1500}$	$\Phi_{1500}\ \Phi_{500}\ \Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
41741	871	1296	$\frac{7}{432}$	$\frac{1}{6}$	$\frac{425}{1296}$	$\frac{5}{12}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{12}\ \Phi_4\ \Phi_1$
41742	871	888	$\frac{17}{888}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{888}\ \Phi_{444}\ \Phi_{296}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{12}\ \Phi_4\ \Phi_1$
41743	871	1152	$\frac{7}{288}$	$\frac{1}{6}$	$\frac{281}{1152}$	$\frac{5}{12}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{12}\ \Phi_4\ \Phi_1$
41744	871	900	$\frac{29}{900}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
41745	871	1080	$\frac{7}{216}$	$\frac{1}{6}$	$\frac{209}{1080}$	$\frac{5}{12}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
41746	871	912	$\frac{41}{912}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{12}\ \Phi_4\ \Phi_1$
41747	871	1008	$\frac{7}{144}$	$\frac{137}{1008}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
41748	871	972	$\frac{7}{108}$	$\frac{101}{972}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{12}\ \Phi_4\ \Phi_1$
41749	871	72	$\frac{5}{72}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{72}^{12}\ \Phi_{36}^{12}\ \Phi_{24}^{12}\ \Phi_{18}^{12}\ \Phi_{12}^{13}\ \Phi_9^{12}\ \Phi_8^{12}\ \Phi_6^{12}\ \Phi_4^{13}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
41750	871	960	$\frac{7}{96}$	$\frac{89}{960}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
41751	871	1440	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{151}{720}$	$\frac{569}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{96}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
41752	871	882	$\frac{11}{882}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{882}\ \Phi_{441}\ \Phi_{294}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{63}\ \Phi_{49}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
41753	871	1400	$\frac{4}{175}$	$\frac{1}{5}$	$\frac{171}{700}$	$\frac{529}{1400}$	$\Phi_{1400}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{25}\ \Phi_8\ \Phi_7\ \Phi_1$
41754	871	504	$\frac{5}{72}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
41755	871	1392	$\frac{1}{58}$	$\frac{57}{232}$	$\frac{175}{696}$	$\frac{521}{1392}$	$\Phi_{1392}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
41756	871	714	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{714}\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{51}\ \Phi_{42}\ \Phi_{34}\ \Phi_{21}\ \Phi_{17}\ \Phi_{14}\ \Phi_7\ \Phi_3\ \Phi_1$
41757	871	1320	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{211}{660}$	$\frac{449}{1320}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{220}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{24}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
41758	871	345	$\frac{2}{69}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{345}^3\ \Phi_{115}^3\ \Phi_{69}\ \Phi_{23}\ \Phi_{15}\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
41759	871	1296	$\frac{7}{432}$	$\frac{2}{9}$	$\frac{425}{1296}$	$\frac{1}{3}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{9}\ \Phi_{1}$
41760	871	495	$\frac{1}{33}$	$\frac{2}{15}$	$\frac{32}{99}$	$\frac{1}{3}$	$\Phi_{495}^{3}\ \Phi_{99}\ \Phi_{45}^{3}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
41761	871	414	$\frac{2}{69}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{414}^{3}\ \Phi_{207}^{3}\ \Phi_{69}\ \Phi_{23}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
41762	871	891	$\frac{20}{891}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{891}\ \Phi_{297}\ \Phi_{99}\ \Phi_{81}\ \Phi_{33}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
41763	871	1104	$\frac{2}{69}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{184}\ \Phi_{69}\ \Phi_{23}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
41764	871	1152	$\frac{7}{288}$	$\frac{2}{9}$	$\frac{281}{1152}$	$\frac{1}{3}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{9}\ \Phi_{1}$
41765	871	1320	$\frac{1}{22}$	$\frac{2}{15}$	$\frac{21}{88}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{220}\ \Phi_{120}\ \Phi_{88}\ \Phi_{60}\ \Phi_{44}\ \Phi_{40}\ \Phi_{20}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
41766	871	900	$\frac{29}{900}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
41767	871	1080	$\frac{7}{216}$	$\frac{209}{1080}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
41768	871	1008	$\frac{7}{144}$	$\frac{137}{1008}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
41769	871	918	$\frac{47}{918}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{918}\ \Phi_{459}\ \Phi_{306}\ \Phi_{153}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
41770	871	972	$\frac{7}{108}$	$\frac{101}{972}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{9}\ \Phi_{1}$
41771	871	72	$\frac{5}{72}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{72}^{12}\ \Phi_{36}^{12}\ \Phi_{24}^{12}\ \Phi_{18}^{12}\ \Phi_{12}^{12}\ \Phi_{9}^{13}\ \Phi_{8}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
41772	871	165	$\frac{2}{33}$	$\frac{2}{15}$	$\frac{31}{165}$	$\frac{1}{3}$	$\Phi_{165}^{5}\ \Phi_{55}^{5}\ \Phi_{33}^{6}\ \Phi_{15}^{6}\ \Phi_{11}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
41773	871	360	$\frac{5}{72}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{72}\ \Phi_{60}^{3}\ \Phi_{45}^{3}\ \Phi_{40}^{3}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}^{3}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
41774	871	1155	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{105}\ \Phi_{77}\ \Phi_{35}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
41775	871	198	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{32}{99}$	$\Phi_{198}^{3}\ \Phi_{99}^{4}\ \Phi_{66}^{6}\ \Phi_{33}^{6}\ \Phi_{22}^{6}\ \Phi_{18}^{4}\ \Phi_{11}^{6}\ \Phi_{9}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
41776	871	1584	$\frac{1}{33}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{32}{99}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{144}\ \Phi_{99}\ \Phi_{72}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
41777	871	1125	$\frac{4}{125}$	$\frac{1}{5}$	$\frac{254}{1125}$	$\frac{121}{375}$	$\Phi_{1125}\ \Phi_{225}\ \Phi_{125}\ \Phi_{45}\ \Phi_{25}\ \Phi_{9}\ \Phi_{1}$
41778	871	1080	$\frac{1}{30}$	$\frac{209}{1080}$	$\frac{61}{270}$	$\frac{29}{90}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
41779	871	1275	$\frac{21}{425}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{404}{1275}$	$\Phi_{1275}\ \Phi_{255}\ \Phi_{75}\ \Phi_{51}\ \Phi_{25}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
41780	871	76	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{76}^{11}\ \Phi_{38}^{11}\ \Phi_{19}^{13}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{13}$
41781	871	195	$\frac{4}{65}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{61}{195}$	$\Phi_{195}^{4}\ \Phi_{65}^{5}\ \Phi_{39}^{4}\ \Phi_{15}^{6}\ \Phi_{13}^{5}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
41782	871	1260	$\frac{31}{420}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{389}{1260}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{18}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
41783	871	672	$\frac{1}{14}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{96}\ \Phi_{84}^{2}\ \Phi_{48}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
41784	871	945	$\frac{74}{945}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
41785	871	792	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{21}{88}$	$\frac{5}{18}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{88}\ \Phi_{72}^{2}\ \Phi_{44}\ \Phi_{36}^{2}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
41786	871	72	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{72}^{13}\ \Phi_{36}^{13}\ \Phi_{24}^{13}\ \Phi_{18}^{8}\ \Phi_{12}^{13}\ \Phi_{9}^{8}\ \Phi_{8}^{13}\ \Phi_{6}^{12}\ \Phi_{4}^{13}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
41787	871	1386	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{126}\ \Phi_{77}\ \Phi_{63}\ \Phi_{18}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
41788	871	1200	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{400}$	$\frac{329}{1200}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
41789	871	960	$\frac{89}{960}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
41790	871	90	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{7}{30}$	$\frac{23}{90}$	$\Phi_{90}^{13}\ \Phi_{45}^{13}\ \Phi_{18}^{13}\ \Phi_{15}^{6}\ \Phi_{9}^{13}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
41791	871	176	$\frac{1}{22}$	$\frac{3}{16}$	$\frac{21}{88}$	$\frac{1}{4}$	$\Phi_{176}^{6}\ \Phi_{88}^{3}\ \Phi_{44}^{5}\ \Phi_{22}^{4}\ \Phi_{16}^{7}\ \Phi_{11}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
41792	871	144	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{144}^{8}\ \Phi_{72}^{5}\ \Phi_{48}^{6}\ \Phi_{36}^{5}\ \Phi_{24}^{3}\ \Phi_{18}^{5}\ \Phi_{16}^{7}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
41793	871	560	$\frac{1}{14}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{140}^{2}\ \Phi_{80}\ \Phi_{70}^{2}\ \Phi_{40}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
41794	871	1232	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{112}\ \Phi_{77}\ \Phi_{56}\ \Phi_{16}\ \Phi_8\ \Phi_7\ \Phi_1$
41795	871	1120	$\frac{1}{10}$	$\frac{31}{280}$	$\frac{249}{1120}$	$\frac{9}{40}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
41796	871	1120	$\frac{31}{280}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{249}{1120}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{35}\ \Phi_{32}\ \Phi_{16}\ \Phi_7\ \Phi_1$
41797	871	980	$\frac{109}{980}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{140}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{35}\ \Phi_7\ \Phi_1$
41798	871	1050	$\frac{4}{35}$	$\frac{31}{210}$	$\frac{179}{1050}$	$\frac{1}{5}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{175}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{35}\ \Phi_{25}\ \Phi_7\ \Phi_1$
41799	872	651	$\frac{1}{217}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{108}{217}$	$\Phi_{651}\ \Phi_{217}^2\ \Phi_{93}\ \Phi_{31}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
41800	872	871	$\frac{5}{871}$	$\frac{219}{871}$	$\frac{326}{871}$	$\frac{433}{871}$	$\Phi_{871}\ \Phi_{67}\ \Phi_{13}\ \Phi_1^2$
41801	872	1311	$\frac{3}{437}$	$\frac{110}{437}$	$\frac{1}{3}$	$\frac{217}{437}$	$\Phi_{1311}\ \Phi_{69}\ \Phi_{57}$
41802	872	1512	$\frac{1}{108}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{107}{216}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}^2\ \Phi_{168}\ \Phi_{72}^2\ \Phi_{56}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
41803	872	1080	$\frac{1}{108}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{107}{216}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{120}^2\ \Phi_{40}^2\ \Phi_{15}$
41804	872	730	$\frac{1}{73}$	$\frac{1}{5}$	$\frac{37}{146}$	$\frac{36}{73}$	$\Phi_{730}^2\ \Phi_{365}\ \Phi_{10}^2$
41805	872	201	$\frac{1}{67}$	$\frac{17}{201}$	$\frac{92}{201}$	$\frac{33}{67}$	$\Phi_{201}^4\ \Phi_{67}^5\ \Phi_3^4\ \Phi_1^6$
41806	872	603	$\frac{1}{67}$	$\frac{34}{201}$	$\frac{167}{603}$	$\frac{33}{67}$	$\Phi_{603}^2\ \Phi_{67}\ \Phi_9^2\ \Phi_1^2$
41807	872	134	$\frac{1}{67}$	$\frac{25}{134}$	$\frac{17}{67}$	$\frac{33}{67}$	$\Phi_{134}^8\ \Phi_{67}^5\ \Phi_2^8\ \Phi_1^6$
41808	872	429	$\frac{7}{429}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{211}{429}$	$\Phi_{429}^2\ \Phi_{143}^2\ \Phi_{39}^2\ \Phi_{33}^2\ \Phi_{13}^3\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
41809	872	630	$\frac{4}{105}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{101}{210}$	$\Phi_{630}^3\ \Phi_{210}^2\ \Phi_{126}^3\ \Phi_{90}^3\ \Phi_{70}^2\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
41810	872	627	$\frac{9}{209}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{100}{209}$	$\Phi_{627}^2\ \Phi_{57}^3\ \Phi_{33}^2\ \Phi_3^2$
41811	872	345	$\frac{1}{23}$	$\frac{6}{115}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{345}^4\ \Phi_{69}^3\ \Phi_{15}^4\ \Phi_3^2$
41812	872	396	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{23}{132}$	$\frac{21}{44}$	$\Phi_{396}^2\ \Phi_{198}^3\ \Phi_{132}\ \Phi_{99}^3\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{12}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
41813	872	208	$\frac{5}{104}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{99}{208}$	$\Phi_{208}^8\ \Phi_{16}^8\ \Phi_{13}^3\ \Phi_1^4$
41814	872	114	$\frac{5}{114}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{114}^8\ \Phi_{57}^7\ \Phi_{38}^8\ \Phi_{19}^8\ \Phi_6^8\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
41815	872	207	$\frac{1}{23}$	$\frac{11}{207}$	$\frac{1}{3}$	$\frac{98}{207}$	$\Phi_{207}^4\ \Phi_{69}^5\ \Phi_{23}^4\ \Phi_9^4\ \Phi_3^4\ \Phi_1^4$
41816	872	143	$\frac{7}{143}$	$\frac{1}{13}$	$\frac{34}{143}$	$\frac{6}{13}$	$\Phi_{143}^6\ \Phi_{13}^7\ \Phi_{11}^6\ \Phi_1^8$
41817	872	117	$\frac{8}{117}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{117}^8\ \Phi_{39}^6\ \Phi_{13}^7\ \Phi_9^8\ \Phi_3^6\ \Phi_1^8$
41818	872	201	$\frac{3}{67}$	$\frac{17}{201}$	$\frac{16}{67}$	$\frac{92}{201}$	$\Phi_{201}^4\ \Phi_{67}^5\ \Phi_3^4\ \Phi_1^6$
41819	872	1800	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{91}{200}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
41820	872	360	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{360}^3\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
41821	872	198	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{9}$	$\frac{89}{198}$	$\Phi_{198}^8\ \Phi_{99}\ \Phi_{66}^8\ \Phi_{33}\ \Phi_{22}^8\ \Phi_{18}^8\ \Phi_6^8\ \Phi_2^8$
41822	872	777	$\frac{2}{111}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{777}\ \Phi_{259}\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_7\ \Phi_1^2$
41823	872	1134	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{53}{162}$	$\frac{3}{7}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_7\ \Phi_1^2$
41824	872	112	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{112}^8\ \Phi_{56}^8\ \Phi_{28}^7\ \Phi_{16}^8\ \Phi_{14}^7\ \Phi_8^8\ \Phi_7^8\ \Phi_4^6\ \Phi_2^6\ \Phi_1^8$
41825	872	1008	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{35}{144}$	$\frac{3}{7}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}^2\ \Phi_{112}\ \Phi_{72}^2\ \Phi_{56}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
41826	872	945	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{26}{135}$	$\frac{3}{7}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
41827	872	798	$\frac{5}{114}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{266}\ \Phi_{133}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_7\ \Phi_1^2$
41828	872	126	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{126}^7\ \Phi_{63}^7\ \Phi_{42}^7\ \Phi_{21}^7\ \Phi_{18}^6\ \Phi_{14}^7\ \Phi_9^6\ \Phi_7^8\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^8$
41829	872	819	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{117}^2\ \Phi_{91}\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
41830	872	840	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
41831	872	117	$\frac{8}{117}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{117}^8\ \Phi_{39}^8\ \Phi_{13}^3\ \Phi_9^8\ \Phi_3^8\ \Phi_1^4$
41832	872	1584	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{21}{88}$	$\frac{67}{176}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{198}\ \Phi_{144}\ \Phi_{99}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{18}\ \Phi_6$
41833	872	663	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{209}{663}$	$\frac{227}{663}$	$\Phi_{663}\ \Phi_{221}^2\ \Phi_{51}\ \Phi_{39}\ \Phi_{17}^2\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
41834	872	330	$\frac{1}{110}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{330}^3\ \Phi_{165}^3\ \Phi_{110}^2\ \Phi_{66}^3\ \Phi_{55}^2\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{22}^2\ \Phi_{15}^3\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_2^2$
41835	872	555	$\frac{2}{111}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{555}^2\ \Phi_{185}^2\ \Phi_{15}$
41836	872	336	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^4\ \Phi_{84}^2\ \Phi_{56}^4\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}^4\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}^4\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_8^4\ \Phi_7^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
41837	872	372	$\frac{1}{31}$	$\frac{15}{124}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{372}^2\ \Phi_{186}^2\ \Phi_{124}^4\ \Phi_{93}\ \Phi_{62}^4\ \Phi_{31}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
41838	872	810	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{53}{162}$	$\frac{1}{3}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{15}$
41839	872	483	$\frac{1}{23}$	$\frac{47}{483}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{483}^2\ \Phi_{161}^2\ \Phi_{69}\ \Phi_{21}^2\ \Phi_7^2$
41840	872	627	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{191}{627}$	$\frac{1}{3}$	$\Phi_{627}\ \Phi_{209}^2\ \Phi_{57}^2\ \Phi_{33}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
41841	872	621	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{185}{621}$	$\frac{1}{3}$	$\Phi_{621}^2\ \Phi_{69}\ \Phi_{27}^2$
41842	872	1680	$\frac{3}{112}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{240}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{15}$
41843	872	720	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{35}{144}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{15}$
41844	872	225	$\frac{7}{225}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{225}^4\ \Phi_{75}^4\ \Phi_{45}^3\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
41845	872	114	$\frac{5}{114}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{114}^8\ \Phi_{57}^7\ \Phi_{38}^8\ \Phi_{19}^8\ \Phi_6^8\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
41846	872	138	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{29}{138}$	$\frac{1}{3}$	$\Phi_{138}^8\ \Phi_{69}^5\ \Phi_{46}^8\ \Phi_{23}^4\ \Phi_6^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^4$
41847	872	135	$\frac{1}{27}$	$\frac{26}{135}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{135}^6\ \Phi_{45}^6\ \Phi_{27}^8\ \Phi_{15}^7\ \Phi_9^8\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
41848	872	570	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{570}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{15}$
41849	872	630	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{15}$
41850	872	585	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{65}^2\ \Phi_{15}$
41851	872	1215	$\frac{2}{27}$	$\frac{25}{243}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{15}$
41852	872	120	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{120}^8\ \Phi_{60}^6\ \Phi_{40}^8\ \Phi_{30}^6\ \Phi_{24}^8\ \Phi_{20}^6\ \Phi_{15}^7\ \Phi_{12}^8\ \Phi_{10}^6\ \Phi_8^8\ \Phi_6^8\ \Phi_5^6\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
41853	872	396	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{23}{132}$	$\frac{10}{33}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^2\ \Phi_{99}\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^3\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
41854	872	156	$\frac{1}{13}$	$\frac{5}{52}$	$\frac{3}{13}$	$\frac{47}{156}$	$\Phi_{156}^8\ \Phi_{78}^8\ \Phi_{39}^8\ \Phi_{13}^3\ \Phi_{12}^8\ \Phi_6^8\ \Phi_3^8\ \Phi_1^4$
41855	872	450	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{50}$	$\frac{41}{150}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}\ \Phi_{90}^3\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
41856	872	360	$\frac{11}{120}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^2\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
41857	872	134	$\frac{3}{67}$	$\frac{25}{134}$	$\frac{16}{67}$	$\frac{17}{67}$	$\Phi_{134}^8\ \Phi_{67}^5\ \Phi_2^8\ \Phi_1^6$
41858	872	130	$\frac{1}{13}$	$\frac{21}{130}$	$\frac{5}{26}$	$\frac{3}{13}$	$\Phi_{130}^8\ \Phi_{65}^8\ \Phi_{13}^3\ \Phi_{10}^8\ \Phi_5^8\ \Phi_1^4$
41859	872	1260	$\frac{1}{9}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{140}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
41860	873	1168	$\frac{3}{292}$	$\frac{1}{4}$	$\frac{295}{1168}$	$\frac{289}{584}$	$\Phi_{1168}\ \Phi_{292}\ \Phi_{146}\ \Phi_{73}\ \Phi_{16}\ \Phi_1$
41861	873	192	$\frac{1}{96}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{95}{192}$	$\Phi_{192}^9\ \Phi_{64}^9\ \Phi_{16}\ \Phi_1$
41862	873	192	$\frac{1}{96}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{95}{192}$	$\Phi_{192}^9\ \Phi_{64}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
41863	873	560	$\frac{11}{280}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{269}{560}$	$\Phi_{560}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{10}\ \Phi_5\ \Phi_1$
41864	873	352	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{61}{352}$	$\frac{169}{352}$	$\Phi_{352}^2\ \Phi_{176}^3\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{32}^2\ \Phi_{22}^3\ \Phi_{16}^3\ \Phi_{11}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
41865	873	910	$\frac{6}{91}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{85}{182}$	$\Phi_{910}\ \Phi_{455}\ \Phi_{130}\ \Phi_{91}\ \Phi_{70}^2\ \Phi_{65}\ \Phi_{35}^2\ \Phi_{14}\ \Phi_{13}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
41866	873	560	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{15}{112}$	$\frac{13}{28}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{112}\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
41867	873	320	$\frac{7}{80}$	$\frac{29}{320}$	$\frac{1}{8}$	$\frac{73}{160}$	$\Phi_{320}^3\ \Phi_{160}^2\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
41868	873	1600	$\frac{7}{80}$	$\frac{73}{800}$	$\frac{1}{8}$	$\frac{727}{1600}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
41869	873	109	$\frac{10}{109}$	$\frac{11}{109}$	$\frac{12}{109}$	$\frac{49}{109}$	$\Phi_{109}^8\ \Phi_1^9$
41870	873	176	$\frac{7}{88}$	$\frac{9}{88}$	$\frac{1}{8}$	$\frac{79}{176}$	$\Phi_{176}^9\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}^9\ \Phi_{11}\ \Phi_1$
41871	873	1584	$\frac{2}{99}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{33}\ \Phi_{16}\ \Phi_{11}\ \Phi_9\ \Phi_1$
41872	873	144	$\frac{1}{48}$	$\frac{1}{8}$	$\frac{47}{144}$	$\frac{7}{16}$	$\Phi_{144}^9\ \Phi_{72}^9\ \Phi_{36}^9\ \Phi_{18}^9\ \Phi_{16}\ \Phi_9^9\ \Phi_1$
41873	873	896	$\frac{23}{896}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
41874	873	400	$\frac{3}{100}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{400}^4\ \Phi_{100}\ \Phi_{80}^4\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
41875	873	128	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{31}{128}$	$\frac{7}{16}$	$\Phi_{128}^9\ \Phi_{64}^9\ \Phi_{16}\ \Phi_1$
41876	873	240	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{23}{120}$	$\frac{7}{16}$	$\Phi_{240}^8\ \Phi_{120}\ \Phi_{80}^8\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
41877	873	304	$\frac{13}{304}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{304}^3\ \Phi_{152}^3\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_{16}\ \Phi_1$
41878	873	816	$\frac{5}{102}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{816}^2\ \Phi_{272}^2\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
41879	873	112	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{15}{112}$	$\frac{7}{16}$	$\Phi_{112}^9\ \Phi_{56}^9\ \Phi_{28}^9\ \Phi_{16}\ \Phi_{14}^9\ \Phi_7^9\ \Phi_1$
41880	873	208	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{208}^8\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
41881	873	432	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{432}^4\ \Phi_{144}^4\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
41882	873	320	$\frac{29}{320}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1$
41883	873	840	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{84}$	$\frac{71}{168}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}\ \Phi_{120}^2\ \Phi_{70}^2\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{24}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
41884	873	1408	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{169}{704}$	$\frac{535}{1408}$	$\Phi_{1408}\ \Phi_{176}\ \Phi_{128}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
41885	873	296	$\frac{5}{296}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{296}^3\ \Phi_{148}^3\ \Phi_{74}^3\ \Phi_{37}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
41886	873	292	$\frac{1}{73}$	$\frac{1}{4}$	$\frac{24}{73}$	$\frac{49}{146}$	$\Phi_{292}^4\ \Phi_{146}\ \Phi_{73}^3\ \Phi_4^3\ \Phi_1^3$
41887	873	436	$\frac{1}{109}$	$\frac{36}{109}$	$\frac{145}{436}$	$\frac{73}{218}$	$\Phi_{436}^3\ \Phi_{109}^2\ \Phi_4^3\ \Phi_1^3$
41888	873	105	$\frac{2}{35}$	$\frac{8}{105}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{105}^8\ \Phi_{35}^9\ \Phi_{21}^8\ \Phi_{15}^8\ \Phi_7^9\ \Phi_5^9\ \Phi_3^7\ \Phi_1^9$
41889	873	396	$\frac{2}{99}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^3\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^3\ \Phi_9^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
41890	873	144	$\frac{1}{48}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{47}{144}$	$\Phi_{144}^9\ \Phi_{72}^9\ \Phi_{36}^9\ \Phi_{18}^9\ \Phi_9^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
41891	873	109	$\frac{7}{109}$	$\frac{12}{109}$	$\frac{25}{109}$	$\frac{34}{109}$	$\Phi_{109}^8\ \Phi_1^9$
41892	873	630	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{29}{126}$	$\frac{13}{42}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{126}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_1$
41893	873	352	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{61}{352}$	$\frac{27}{88}$	$\Phi_{352}^3\ \Phi_{176}^3\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}^3\ \Phi_{22}\ \Phi_{16}^3\ \Phi_{11}\ \Phi_1$
41894	873	320	$\frac{29}{320}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}\ \Phi_{32}^3\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{10}\ \Phi_5\ \Phi_1$
41895	873	400	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{400}$	$\frac{109}{400}$	$\Phi_{400}^2\ \Phi_{200}^2\ \Phi_{100}^2\ \Phi_{80}^3\ \Phi_{50}^2\ \Phi_{40}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
41896	873	109	$\frac{9}{109}$	$\frac{12}{109}$	$\frac{25}{109}$	$\frac{28}{109}$	$\Phi_{109}^8\ \Phi_1^9$
41897	873	100	$\frac{3}{100}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{100}^9\ \Phi_{50}^9\ \Phi_{25}^9\ \Phi_{20}^9\ \Phi_{10}^9\ \Phi_5^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
41898	873	128	$\frac{1}{32}$	$\frac{31}{128}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{128}^9\ \Phi_{64}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
41899	873	120	$\frac{1}{24}$	$\frac{23}{120}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{120}^9\ \Phi_{60}^9\ \Phi_{40}^9\ \Phi_{30}^9\ \Phi_{20}^9\ \Phi_{15}^9\ \Phi_{10}^9\ \Phi_5^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
41900	873	304	$\frac{13}{304}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{304}^3\ \Phi_{152}^3\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
41901	873	204	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{204}^4\ \Phi_{102}^5\ \Phi_{68}^4\ \Phi_{51}^5\ \Phi_{34}^5\ \Phi_{17}^5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
41902	873	112	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{112}^9\ \Phi_{56}^9\ \Phi_{28}^9\ \Phi_{14}^9\ \Phi_7^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
41903	873	104	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{104}^9\ \Phi_{52}^9\ \Phi_{26}^9\ \Phi_{13}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
41904	873	108	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{108}^9\ \Phi_{54}^9\ \Phi_{36}^9\ \Phi_{27}^9\ \Phi_{18}^9\ \Phi_9^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
41905	873	320	$\frac{29}{320}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
41906	873	1120	$\frac{33}{280}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{247}{1120}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
41907	874	870	$\frac{2}{435}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{433}{870}$	$\Phi_{870}^2\ \Phi_{290}^2\ \Phi_{174}^2\ \Phi_{58}^2\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
41908	874	1752	$\frac{1}{146}$	$\frac{147}{584}$	$\frac{1}{3}$	$\frac{145}{292}$	$\Phi_{1752}\ \Phi_{438}\ \Phi_{219}\ \Phi_{24}\ \Phi_6$
41909	874	776	$\frac{1}{97}$	$\frac{49}{388}$	$\frac{339}{776}$	$\frac{48}{97}$	$\Phi_{776}^2\ \Phi_{97}\ \Phi_8^2\ \Phi_1^2$
41910	874	582	$\frac{1}{97}$	$\frac{145}{582}$	$\frac{49}{194}$	$\frac{48}{97}$	$\Phi_{582}^2\ \Phi_{291}^2\ \Phi_{97}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
41911	874	864	$\frac{5}{432}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{427}{864}$	$\Phi_{864}^2\ \Phi_{288}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
41912	874	864	$\frac{5}{432}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{427}{864}$	$\Phi_{864}^2\ \Phi_{288}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
41913	874	180	$\frac{1}{45}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{22}{45}$	$\Phi_{180}^9\ \Phi_{60}^9\ \Phi_{45}\ \Phi_{36}^{10}\ \Phi_{20}^9\ \Phi_{15}\ \Phi_{12}^{10}\ \Phi_9\ \Phi_5\ \Phi_4^{10}\ \Phi_3\ \Phi_1^2$
41914	874	315	$\frac{1}{45}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{315}^3\ \Phi_{105}^3\ \Phi_{63}^3\ \Phi_{45}\ \Phi_{35}^3\ \Phi_{21}^4\ \Phi_{15}\ \Phi_9\ \Phi_7^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
41915	874	135	$\frac{1}{45}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{22}{45}$	$\Phi_{135}^9\ \Phi_{45}\ \Phi_{27}^{10}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
41916	874	360	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{22}{45}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{45}\ \Phi_{40}^3\ \Phi_{36}^3\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}^4\ \Phi_9\ \Phi_8^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
41917	874	1628	$\frac{1}{37}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{18}{37}$	$\Phi_{1628}\ \Phi_{148}\ \Phi_{44}^2\ \Phi_{37}\ \Phi_4^2\ \Phi_1^2$
41918	874	1221	$\frac{1}{37}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{18}{37}$	$\Phi_{1221}\ \Phi_{111}\ \Phi_{37}\ \Phi_{33}^2\ \Phi_3^2\ \Phi_1^2$
41919	874	660	$\frac{1}{22}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{132}\ \Phi_{66}^2\ \Phi_{60}^3\ \Phi_{33}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
41920	874	72	$\frac{1}{24}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{72}^{12}\ \Phi_{36}^{10}\ \Phi_{24}^{14}\ \Phi_{18}^{12}\ \Phi_{12}^{12}\ \Phi_9^{12}\ \Phi_8^{14}\ \Phi_6^{14}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
41921	874	180	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{17}{36}$	$\Phi_{180}^9\ \Phi_{60}^9\ \Phi_{36}^{10}\ \Phi_{30}^2\ \Phi_{20}^9\ \Phi_{15}\ \Phi_{12}^{10}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
41922	874	900	$\frac{1}{18}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{900}^2\ \Phi_{300}^2\ \Phi_{180}\ \Phi_{100}^2\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{25}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
41923	874	108	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{17}{36}$	$\Phi_{108}^{18}\ \Phi_{36}^{10}\ \Phi_{27}^2\ \Phi_{12}^{10}\ \Phi_9\ \Phi_4^{10}\ \Phi_3\ \Phi_1^2$
41924	874	504	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{67}{504}$	$\frac{59}{126}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
41925	874	819	$\frac{55}{819}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{382}{819}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{117}\ \Phi_{91}\ \Phi_{63}^2\ \Phi_{39}\ \Phi_{21}^2\ \Phi_{13}\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
41926	874	312	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{26}\ \Phi_{24}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
41927	874	546	$\frac{1}{39}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{546}^3\ \Phi_{182}^3\ \Phi_{78}^3\ \Phi_{42}^2\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
41928	874	648	$\frac{5}{216}$	$\frac{1}{9}$	$\frac{211}{648}$	$\frac{4}{9}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
41929	874	450	$\frac{13}{450}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
41930	874	576	$\frac{5}{144}$	$\frac{1}{9}$	$\frac{139}{576}$	$\frac{4}{9}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
41931	874	540	$\frac{5}{108}$	$\frac{1}{9}$	$\frac{103}{540}$	$\frac{4}{9}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
41932	874	459	$\frac{22}{459}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{459}^2\ \Phi_{153}^2\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
41933	874	468	$\frac{31}{468}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
41934	874	504	$\frac{5}{72}$	$\frac{1}{9}$	$\frac{67}{504}$	$\frac{4}{9}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
41935	874	486	$\frac{5}{54}$	$\frac{49}{486}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{486}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
41936	874	1248	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
41937	874	1560	$\frac{1}{39}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
41938	874	756	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{59}{378}$	$\frac{319}{756}$	$\Phi_{756}^2\ \Phi_{252}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
41939	874	444	$\frac{7}{444}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{444}^2\ \Phi_{222}^2\ \Phi_{148}^2\ \Phi_{111}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
41940	874	1504	$\frac{1}{47}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1504}\ \Phi_{188}\ \Phi_{94}$
41941	874	2190	$\frac{1}{73}$	$\frac{72}{365}$	$\frac{1}{3}$	$\frac{293}{730}$	$\Phi_{2190}\ \Phi_{438}\ \Phi_{219}\ \Phi_{30}\ \Phi_6$
41942	874	1128	$\frac{1}{47}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{94}$
41943	874	1410	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1410}\ \Phi_{470}\ \Phi_{282}\ \Phi_{235}\ \Phi_{94}$
41944	874	468	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{468}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{39}^2\ \Phi_{36}^2\ \Phi_{26}^3\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
41945	874	657	$\frac{2}{219}$	$\frac{217}{657}$	$\frac{1}{3}$	$\frac{220}{657}$	$\Phi_{657}\ \Phi_{219}^2\ \Phi_{73}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
41946	874	522	$\frac{2}{87}$	$\frac{85}{522}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{522}^2\ \Phi_{261}^2\ \Phi_{174}^2\ \Phi_{58}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
41947	874	450	$\frac{13}{450}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
41948	874	168	$\frac{1}{24}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{168}^6\ \Phi_{84}^6\ \Phi_{56}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{24}^2\ \Phi_{21}^4\ \Phi_{14}^6\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
41949	874	648	$\frac{5}{216}$	$\frac{1}{6}$	$\frac{211}{648}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
41950	874	660	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
41951	874	216	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{216}^6\ \Phi_{108}^6\ \Phi_{54}^6\ \Phi_{27}^4\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
41952	874	450	$\frac{13}{450}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
41953	874	576	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{139}{576}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
41954	874	210	$\frac{1}{15}$	$\frac{2}{21}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{210}^6\ \Phi_{105}^3\ \Phi_{70}^6\ \Phi_{42}^6\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{21}^4\ \Phi_{15}\ \Phi_{14}^6\ \Phi_{10}^2\ \Phi_7^4\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
41955	874	360	$\frac{1}{24}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^2\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
41956	874	24	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{24}^{36}\ \Phi_{12}^{36}\ \Phi_8^{36}\ \Phi_6^{38}\ \Phi_4^{36}\ \Phi_3^{37}\ \Phi_2^{38}\ \Phi_1^{38}$
41957	874	525	$\frac{2}{25}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}\ \Phi_{35}\ \Phi_{25}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
41958	874	540	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{103}{540}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
41959	874	468	$\frac{31}{468}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
41960	874	504	$\frac{5}{72}$	$\frac{67}{504}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
41961	874	480	$\frac{43}{480}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
41962	874	486	$\frac{5}{54}$	$\frac{49}{486}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{486}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
41963	874	189	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{189}^6\ \Phi_{63}^3\ \Phi_{27}^2\ \Phi_{21}^4\ \Phi_9\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
41964	874	105	$\frac{2}{21}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{105}^8\ \Phi_{35}^8\ \Phi_{21}^9\ \Phi_{15}^9\ \Phi_7^9\ \Phi_5^9\ \Phi_3^9\ \Phi_1^{10}$
41965	874	135	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{43}{135}$	$\Phi_{135}^5\ \Phi_{45}^9\ \Phi_{27}^6\ \Phi_{15}^9\ \Phi_9^9\ \Phi_5^9\ \Phi_3^9\ \Phi_1^{10}$
41966	874	567	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{130}{567}$	$\frac{59}{189}$	$\Phi_{567}^2\ \Phi_{81}^2\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
41967	874	270	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{7}{30}$	$\frac{8}{27}$	$\Phi_{270}^6\ \Phi_{135}^3\ \Phi_{54}^6\ \Phi_{30}^2\ \Phi_{27}^4\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
41968	874	675	$\frac{2}{25}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{675}^2\ \Phi_{135}\ \Phi_{27}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
41969	874	27	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{8}{27}$	$\Phi_{27}^{30}\ \Phi_{9}^{37}\ \Phi_{3}^{37}\ \Phi_{1}^{38}$
41970	874	97	$\frac{6}{97}$	$\frac{13}{97}$	$\frac{21}{97}$	$\frac{28}{97}$	$\Phi_{97}^{9}\ \Phi_{1}^{10}$
41971	874	120	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{7}{30}$	$\Phi_{120}^{9}\ \Phi_{60}^{9}\ \Phi_{40}^{9}\ \Phi_{30}^{2}\ \Phi_{24}^{10}\ \Phi_{20}^{9}\ \Phi_{15}\ \Phi_{12}^{10}\ \Phi_{10}^{2}\ \Phi_{8}^{10}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
41972	874	600	$\frac{2}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{600}^{2}\ \Phi_{300}^{2}\ \Phi_{200}^{2}\ \Phi_{120}\ \Phi_{100}^{2}\ \Phi_{60}\ \Phi_{40}\ \Phi_{25}^{2}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
41973	874	216	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{216}^{6}\ \Phi_{108}^{6}\ \Phi_{72}^{3}\ \Phi_{36}^{3}\ \Phi_{27}^{2}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{9}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
41974	875	696	$\frac{1}{174}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{173}{348}$	$\Phi_{696}^{2}\ \Phi_{348}\ \Phi_{232}^{2}\ \Phi_{116}\ \Phi_{24}^{2}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
41975	875	744	$\frac{1}{124}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{123}{248}$	$\Phi_{744}^{2}\ \Phi_{248}^{3}\ \Phi_{24}^{2}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
41976	875	2232	$\frac{1}{124}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{123}{248}$	$\Phi_{2232}\ \Phi_{248}\ \Phi_{72}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
41977	875	984	$\frac{2}{123}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{121}{246}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{328}\ \Phi_{164}\ \Phi_{123}\ \Phi_{41}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
41978	875	1032	$\frac{3}{172}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{169}{344}$	$\Phi_{1032}^{2}\ \Phi_{344}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
41979	875	1656	$\frac{1}{46}$	$\frac{47}{828}$	$\frac{781}{1656}$	$\frac{45}{92}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{184}\ \Phi_{92}\ \Phi_{72}\ \Phi_{24}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
41980	875	1104	$\frac{1}{46}$	$\frac{47}{276}$	$\frac{229}{1104}$	$\frac{45}{92}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
41981	875	168	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{43}{168}$	$\frac{41}{84}$	$\Phi_{168}^{5}\ \Phi_{84}^{6}\ \Phi_{56}^{5}\ \Phi_{42}^{5}\ \Phi_{28}^{6}\ \Phi_{24}^{5}\ \Phi_{21}^{5}\ \Phi_{14}^{5}\ \Phi_{12}^{6}\ \Phi_{8}^{4}\ \Phi_{7}^{5}\ \Phi_{6}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
41982	875	1672	$\frac{1}{38}$	$\frac{39}{836}$	$\frac{797}{1672}$	$\frac{37}{76}$	$\Phi_{1672}\ \Phi_{152}\ \Phi_{88}\ \Phi_{76}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
41983	875	816	$\frac{1}{34}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{33}{68}$	$\Phi_{816}^{2}\ \Phi_{272}^{2}\ \Phi_{68}\ \Phi_{48}^{3}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
41984	875	1836	$\frac{1}{34}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{1836}\ \Phi_{612}\ \Phi_{108}\ \Phi_{68}\ \Phi_{36}\ \Phi_{27}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
41985	875	612	$\frac{1}{34}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{33}{68}$	$\Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{153}^{2}\ \Phi_{68}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{4}\ \Phi_{1}$
41986	875	476	$\frac{1}{34}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{476}^{2}\ \Phi_{238}^{2}\ \Phi_{119}^{2}\ \Phi_{68}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{4}\ \Phi_{1}$
41987	875	544	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{33}{68}$	$\Phi_{544}^{2}\ \Phi_{272}^{2}\ \Phi_{68}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
41988	875	204	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{33}{68}$	$\Phi_{204}^{8}\ \Phi_{68}^{9}\ \Phi_{12}^{8}\ \Phi_{6}^{4}\ \Phi_{4}^{9}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
41989	875	816	$\frac{1}{24}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{23}{48}$	$\Phi_{816}^{2}\ \Phi_{272}^{2}\ \Phi_{51}\ \Phi_{48}^{3}\ \Phi_{16}^{3}\ \Phi_{3}\ \Phi_{1}$
41990	875	816	$\frac{1}{24}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{23}{48}$	$\Phi_{816}^{2}\ \Phi_{272}^{2}\ \Phi_{48}^{3}\ \Phi_{17}^{2}\ \Phi_{16}^{3}\ \Phi_{1}^{3}$
41991	875	48	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{23}{48}$	$\Phi_{48}^{35}\ \Phi_{24}^{2}\ \Phi_{16}^{35}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
41992	875	952	$\frac{6}{119}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{113}{238}$	$\Phi_{952}\ \Phi_{476}\ \Phi_{136}\ \Phi_{119}\ \Phi_{68}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{17}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
41993	875	144	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{19}{144}$	$\frac{17}{36}$	$\Phi_{144}^{7}\ \Phi_{72}^{5}\ \Phi_{48}^{7}\ \Phi_{36}^{6}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{16}^{7}\ \Phi_{12}^{6}\ \Phi_{9}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
41994	875	1656	$\frac{1}{23}$	$\frac{47}{828}$	$\frac{22}{69}$	$\frac{781}{1656}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{184}\ \Phi_{72}\ \Phi_{69}\ \Phi_{24}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
41995	875	858	$\frac{1}{26}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{858}\ \Phi_{429}\ \Phi_{286}\ \Phi_{143}\ \Phi_{78}^{2}\ \Phi_{39}^{2}\ \Phi_{33}\ \Phi_{26}\ \Phi_{13}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
41996	875	66	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{31}{66}$	$\Phi_{66}^{11}\ \Phi_{33}^{16}\ \Phi_{22}^{11}\ \Phi_{11}^{15}\ \Phi_{6}^{10}\ \Phi_{3}^{15}\ \Phi_{2}^{10}\ \Phi_{1}^{15}$
41997	875	192	$\frac{1}{16}$	$\frac{17}{192}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{192}^{5}\ \Phi_{96}^{3}\ \Phi_{64}^{5}\ \Phi_{48}^{5}\ \Phi_{32}^{4}\ \Phi_{24}^{5}\ \Phi_{16}^{5}\ \Phi_{12}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
41998	875	936	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{109}{234}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}^{2}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
41999	875	56	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{13}{28}$	$\Phi_{56}^{18}\ \Phi_{28}^{14}\ \Phi_{14}^{13}\ \Phi_{8}^{17}\ \Phi_{7}^{13}\ \Phi_{4}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
42000	875	1196	$\frac{1}{23}$	$\frac{22}{299}$	$\frac{321}{1196}$	$\frac{277}{598}$	$\Phi_{1196}\ \Phi_{299}\ \Phi_{92}\ \Phi_{52}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
42001	875	624	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{624}^{2}\ \Phi_{208}^{2}\ \Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{48}\ \Phi_{39}^{2}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
42002	875	46	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{11}{46}$	$\frac{21}{46}$	$\Phi_{46}^{14}\ \Phi_{23}^{24}\ \Phi_{2}^{14}\ \Phi_{1}^{25}$
42003	875	832	$\frac{1}{26}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{832}^{2}\ \Phi_{64}\ \Phi_{52}^{2}\ \Phi_{26}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
42004	875	192	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{6}$	$\frac{29}{64}$	$\Phi_{192}^{10}\ \Phi_{64}^{5}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
42005	875	228	$\frac{1}{38}$	$\frac{11}{114}$	$\frac{37}{114}$	$\frac{103}{228}$	$\Phi_{228}^{7}\ \Phi_{114}\ \Phi_{76}^{7}\ \Phi_{57}\ \Phi_{12}^{7}\ \Phi_{6}\ \Phi_{4}^{7}\ \Phi_{3}\ \Phi_{1}$
42006	875	228	$\frac{3}{38}$	$\frac{11}{114}$	$\frac{5}{38}$	$\frac{103}{228}$	$\Phi_{228}^{7}\ \Phi_{76}^{7}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{12}^{7}\ \Phi_{4}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
42007	875	224	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{8}$	$\frac{99}{224}$	$\Phi_{224}^{7}\ \Phi_{56}^{2}\ \Phi_{32}^{7}\ \Phi_{28}^{2}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
42008	875	1216	$\frac{1}{38}$	$\frac{37}{304}$	$\frac{341}{1216}$	$\frac{267}{608}$	$\Phi_{1216}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{64}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
42009	875	132	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{1}{6}$	$\frac{19}{44}$	$\Phi_{132}^{14}\ \Phi_{66}^{2}\ \Phi_{44}^{7}\ \Phi_{33}^{2}\ \Phi_{22}\ \Phi_{12}^{14}\ \Phi_{11}\ \Phi_{6}\ \Phi_{4}^{7}\ \Phi_{3}\ \Phi_{1}$
42010	875	304	$\frac{1}{38}$	$\frac{23}{152}$	$\frac{37}{152}$	$\frac{129}{304}$	$\Phi_{304}^{5}\ \Phi_{152}\ \Phi_{76}\ \Phi_{16}^{5}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
42011	875	216	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{17}{108}$	$\frac{91}{216}$	$\Phi_{216}^{3}\ \Phi_{108}^{4}\ \Phi_{72}^{5}\ \Phi_{54}^{4}\ \Phi_{36}^{6}\ \Phi_{27}^{4}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{12}^{6}\ \Phi_{9}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
42012	875	372	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{61}{186}$	$\frac{5}{12}$	$\Phi_{372}^{4}\ \Phi_{186}\ \Phi_{124}^{4}\ \Phi_{93}\ \Phi_{12}^{5}\ \Phi_{6}\ \Phi_{4}^{5}\ \Phi_{3}\ \Phi_{1}$
42013	875	384	$\frac{3}{128}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{384}^{2}\ \Phi_{192}^{2}\ \Phi_{128}^{3}\ \Phi_{96}^{2}\ \Phi_{64}^{3}\ \Phi_{48}^{2}\ \Phi_{32}^{3}\ \Phi_{24}^{2}\ \Phi_{16}^{3}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
42014	875	372	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{6}{31}$	$\frac{5}{12}$	$\Phi_{372}^{4}\ \Phi_{124}^{4}\ \Phi_{31}^{4}\ \Phi_{12}^{5}\ \Phi_{4}^{5}\ \Phi_{1}^{5}$
42015	875	156	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{156}^{10}\ \Phi_{78}^{2}\ \Phi_{52}^{10}\ \Phi_{39}^{2}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}^{5}\ \Phi_{6}\ \Phi_{4}^{5}\ \Phi_{3}\ \Phi_{1}$
42016	875	264	$\frac{7}{132}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{264}^{4}\ \Phi_{132}^{3}\ \Phi_{88}^{4}\ \Phi_{66}^{3}\ \Phi_{44}^{3}\ \Phi_{33}^{3}\ \Phi_{24}^{2}\ \Phi_{22}^{3}\ \Phi_{12}^{2}\ \Phi_{11}^{3}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
42017	875	1472	$\frac{1}{46}$	$\frac{139}{736}$	$\frac{45}{184}$	$\frac{597}{1472}$	$\Phi_{1472}\ \Phi_{184}\ \Phi_{92}\ \Phi_{64}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
42018	875	168	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{4}{21}$	$\frac{17}{42}$	$\Phi_{168}^{6}\ \Phi_{84}^{6}\ \Phi_{56}^{6}\ \Phi_{42}\ \Phi_{28}^{6}\ \Phi_{24}^{6}\ \Phi_{21}^{5}\ \Phi_{14}\ \Phi_{12}^{6}\ \Phi_{8}^{5}\ \Phi_{7}^{5}\ \Phi_{6}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
42019	875	1104	$\frac{1}{46}$	$\frac{229}{1104}$	$\frac{45}{184}$	$\frac{139}{368}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
42020	875	1416	$\frac{2}{177}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1416}\ \Phi_{472}\ \Phi_{177}\ \Phi_{59}\ \Phi_{8}\ \Phi_{1}$
42021	875	2088	$\frac{1}{87}$	$\frac{1}{4}$	$\frac{86}{261}$	$\frac{3}{8}$	$\Phi_{2088}\ \Phi_{261}\ \Phi_{72}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
42022	875	232	$\frac{1}{58}$	$\frac{57}{232}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{232}^{3}\ \Phi_{116}^{5}\ \Phi_{58}^{4}\ \Phi_{29}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
42023	875	696	$\frac{2}{87}$	$\frac{17}{87}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{696}^{2}\ \Phi_{232}^{2}\ \Phi_{87}^{2}\ \Phi_{29}^{2}\ \Phi_{24}^{2}\ \Phi_{8}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
42024	875	72	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^{20}\ \Phi_{36}^{5}\ \Phi_{24}^{18}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{19}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
42025	875	232	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{232}^{6}\ \Phi_{29}^{6}\ \Phi_{8}^{7}\ \Phi_{1}^{7}$
42026	875	104	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{104}^{8}\ \Phi_{52}^{10}\ \Phi_{26}^{9}\ \Phi_{13}^{9}\ \Phi_{8}^{4}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
42027	875	276	$\frac{1}{46}$	$\frac{9}{46}$	$\frac{37}{138}$	$\frac{101}{276}$	$\Phi_{276}^{5}\ \Phi_{92}^{5}\ \Phi_{46}^{4}\ \Phi_{23}^{4}\ \Phi_{12}^{5}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
42028	875	1368	$\frac{1}{38}$	$\frac{37}{228}$	$\frac{191}{684}$	$\frac{493}{1368}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{72}\ \Phi_{57}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
42029	875	702	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{702}\ \Phi_{351}\ \Phi_{234}^{2}\ \Phi_{117}^{2}\ \Phi_{78}^{2}\ \Phi_{39}^{2}\ \Phi_{27}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
42030	875	138	$\frac{1}{23}$	$\frac{13}{138}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{138}^{6}\ \Phi_{69}^{7}\ \Phi_{46}^{6}\ \Phi_{23}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
42031	875	264	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{43}{132}$	$\frac{89}{264}$	$\Phi_{264}^{5}\ \Phi_{132}^{2}\ \Phi_{88}^{5}\ \Phi_{66}^{2}\ \Phi_{44}\ \Phi_{33}^{2}\ \Phi_{24}^{5}\ \Phi_{22}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{8}^{5}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
42032	875	558	$\frac{1}{62}$	$\frac{2}{9}$	$\frac{61}{186}$	$\frac{1}{3}$	$\Phi_{558}^{2}\ \Phi_{279}^{2}\ \Phi_{186}\ \Phi_{93}\ \Phi_{18}^{2}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
42033	875	459	$\frac{1}{17}$	$\frac{2}{27}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{459}^{2}\ \Phi_{153}^{2}\ \Phi_{51}\ \Phi_{27}^{3}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$
42034	875	1152	$\frac{3}{128}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
42035	875	279	$\frac{1}{31}$	$\frac{6}{31}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{279}^{4}\ \Phi_{31}^{4}\ \Phi_{9}^{5}\ \Phi_{1}^{5}$
42036	875	234	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{234}^{5}\ \Phi_{117}^{5}\ \Phi_{78}^{2}\ \Phi_{39}^{2}\ \Phi_{26}\ \Phi_{18}^{2}\ \Phi_{13}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
42037	875	459	$\frac{2}{27}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{459}^{2}\ \Phi_{153}^{2}\ \Phi_{27}^{3}\ \Phi_{17}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
42038	875	216	$\frac{2}{27}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{216}^{5}\ \Phi_{108}^{5}\ \Phi_{72}^{5}\ \Phi_{54}^{2}\ \Phi_{36}^{5}\ \Phi_{27}^{3}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
42039	875	1242	$\frac{1}{23}$	$\frac{47}{414}$	$\frac{367}{1242}$	$\frac{22}{69}$	$\Phi_{1242}\ \Phi_{621}\ \Phi_{69}\ \Phi_{54}\ \Phi_{27}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
42040	875	207	$\frac{1}{23}$	$\frac{32}{207}$	$\frac{47}{207}$	$\frac{22}{69}$	$\Phi_{207}^{4}\ \Phi_{69}^{5}\ \Phi_{23}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
42041	875	1104	$\frac{1}{23}$	$\frac{47}{276}$	$\frac{229}{1104}$	$\frac{22}{69}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{184}\ \Phi_{69}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
42042	875	648	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{37}{162}$	$\frac{17}{54}$	$\Phi_{648}^{2}\ \Phi_{324}^{2}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
42043	875	612	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{16}{51}$	$\Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{153}^{2}\ \Phi_{51}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$
42044	875	1428	$\frac{1}{17}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{357}\ \Phi_{84}\ \Phi_{51}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
42045	875	1632	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{16}{51}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{96}\ \Phi_{51}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{3}\ \Phi_{1}$
42046	875	102	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{16}{51}$	$\Phi_{102}^{8}\ \Phi_{51}^{9}\ \Phi_{34}^{8}\ \Phi_{17}^{8}\ \Phi_{6}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
42047	875	612	$\frac{1}{12}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{11}{36}$	$\Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{153}^{2}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{17}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
42048	875	72	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{11}{36}$	$\Phi_{72}^{20}\ \Phi_{36}^{15}\ \Phi_{24}^{2}\ \Phi_{18}^{15}\ \Phi_{12}^{2}\ \Phi_{9}^{15}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
42049	875	198	$\frac{1}{11}$	$\frac{23}{198}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{198}^{5}\ \Phi_{99}^{5}\ \Phi_{66}^{3}\ \Phi_{33}^{4}\ \Phi_{22}^{3}\ \Phi_{18}^{5}\ \Phi_{11}^{3}\ \Phi_{9}^{5}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
42050	875	192	$\frac{17}{192}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{192}^{5}\ \Phi_{96}^{5}\ \Phi_{64}^{5}\ \Phi_{48}^{5}\ \Phi_{32}^{5}\ \Phi_{24}^{2}\ \Phi_{16}^{5}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
42051	875	152	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{27}{152}$	$\frac{11}{38}$	$\Phi_{152}^{7}\ \Phi_{76}^{7}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{8}^{7}\ \Phi_{4}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
42052	875	56	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{56}^{18}\ \Phi_{28}^{13}\ \Phi_{14}^{13}\ \Phi_{8}^{17}\ \Phi_{7}^{15}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{15}$
42053	875	624	$\frac{1}{26}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{624}^{2}\ \Phi_{312}^{2}\ \Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{48}\ \Phi_{39}^{2}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
42054	875	48	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{13}{48}$	$\Phi_{48}^{17}\ \Phi_{24}^{17}\ \Phi_{16}^{21}\ \Phi_{12}^{17}\ \Phi_{8}^{21}\ \Phi_{6}^{16}\ \Phi_{4}^{21}\ \Phi_{3}^{16}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
42055	875	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{56}$	$\frac{43}{168}$	$\Phi_{168}^{7}\ \Phi_{84}^{7}\ \Phi_{56}^{2}\ \Phi_{42}^{7}\ \Phi_{28}^{2}\ \Phi_{24}^{7}\ \Phi_{21}^{7}\ \Phi_{14}\ \Phi_{12}^{7}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}^{7}\ \Phi_{4}\ \Phi_{3}^{7}\ \Phi_{1}$
42056	875	476	$\frac{3}{28}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{476}^{2}\ \Phi_{238}^{2}\ \Phi_{119}^{2}\ \Phi_{28}^{3}\ \Phi_{17}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{1}^{3}$
42057	875	168	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{168}^{8}\ \Phi_{84}^{6}\ \Phi_{56}^{4}\ \Phi_{42}^{6}\ \Phi_{28}^{3}\ \Phi_{24}^{2}\ \Phi_{21}^{6}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{7}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
42058	875	544	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{3}{17}$	$\frac{7}{32}$	$\Phi_{544}^{2}\ \Phi_{272}^{2}\ \Phi_{32}^{3}\ \Phi_{17}^{2}\ \Phi_{16}^{3}\ \Phi_{1}^{3}$
42059	875	96	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{32}$	$\Phi_{96}^{14}\ \Phi_{48}^{14}\ \Phi_{32}^{7}\ \Phi_{24}^{2}\ \Phi_{16}^{7}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
42060	875	171	$\frac{16}{171}$	$\frac{3}{19}$	$\frac{31}{171}$	$\frac{4}{19}$	$\Phi_{171}^{5}\ \Phi_{57}^{5}\ \Phi_{19}^{6}\ \Phi_{9}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{7}$
42061	875	144	$\frac{1}{8}$	$\frac{19}{144}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{144}^{7}\ \Phi_{72}^{7}\ \Phi_{48}^{7}\ \Phi_{36}^{7}\ \Phi_{24}^{2}\ \Phi_{18}^{7}\ \Phi_{16}^{7}\ \Phi_{12}^{2}\ \Phi_{9}^{7}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
42062	875	132	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{9}{44}$	$\Phi_{132}^{10}\ \Phi_{66}^{6}\ \Phi_{44}^{5}\ \Phi_{33}^{6}\ \Phi_{22}\ \Phi_{12}^{10}\ \Phi_{11}^{5}\ \Phi_{6}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
42063	875	102	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{3}{17}$	$\Phi_{102}^{8}\ \Phi_{51}^{8}\ \Phi_{34}^{8}\ \Phi_{17}^{10}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{15}$
42064	875	437	$\frac{52}{437}$	$\frac{72}{437}$	$\frac{73}{437}$	$\frac{77}{437}$	$\Phi_{437}^{2}\ \Phi_{23}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{3}$
42065	875	528	$\frac{21}{176}$	$\frac{29}{176}$	$\frac{1}{6}$	$\frac{31}{176}$	$\Phi_{528}^{2}\ \Phi_{264}^{2}\ \Phi_{176}\ \Phi_{132}^{2}\ \Phi_{88}\ \Phi_{66}^{2}\ \Phi_{48}^{2}\ \Phi_{44}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
42066	875	24	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{24}^{42}\ \Phi_{12}^{42}\ \Phi_{8}^{41}\ \Phi_{6}^{21}\ \Phi_{4}^{41}\ \Phi_{3}^{21}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
42067	876	1308	$\frac{1}{218}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{217}{436}$	$\Phi_{1308}\ \Phi_{436}^{2}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
42068	876	350	$\frac{1}{175}$	$\frac{44}{175}$	$\frac{131}{350}$	$\frac{87}{175}$	$\Phi_{350}^{4}\ \Phi_{175}\ \Phi_{70}^{4}\ \Phi_{50}^{4}\ \Phi_{35}\ \Phi_{25}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}\ \Phi_{5}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
42069	876	145	$\frac{1}{145}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{72}{145}$	$\Phi_{145}^{6}\ \Phi_{29}^{6}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
42070	876	1740	$\frac{1}{145}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{72}{145}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{348}\ \Phi_{174}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
42071	876	125	$\frac{1}{125}$	$\frac{21}{125}$	$\frac{52}{125}$	$\frac{62}{125}$	$\Phi_{125}^{7}\ \Phi_{25}^{7}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
42072	876	434	$\frac{2}{217}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{215}{434}$	$\Phi_{434}^{4}\ \Phi_{62}^{4}\ \Phi_{14}^{4}\ \Phi_{7}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
42073	876	1172	$\frac{3}{293}$	$\frac{1}{4}$	$\frac{74}{293}$	$\frac{145}{293}$	$\Phi_{1172}\ \Phi_{586}$
42074	876	875	$\frac{9}{875}$	$\frac{218}{875}$	$\frac{221}{875}$	$\frac{433}{875}$	$\Phi_{875}\ \Phi_{175}\ \Phi_{125}\ \Phi_{35}\ \Phi_{25}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
42075	876	1317	$\frac{5}{439}$	$\frac{74}{439}$	$\frac{1}{3}$	$\frac{217}{439}$	Φ_{1317}
42076	876	1584	$\frac{1}{72}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{71}{144}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}^{2}\ \Phi_{48}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
42077	876	1008	$\frac{1}{72}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{71}{144}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{112}^2\ \Phi_{21}$
42078	876	1584	$\frac{1}{72}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{71}{144}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_1^2$
42079	876	720	$\frac{1}{72}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{71}{144}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{80}^3\ \Phi_{20}\ \Phi_{10}$
42080	876	287	$\frac{5}{287}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{141}{287}$	$\Phi_{287}^3\ \Phi_{41}^3\ \Phi_7^5\ \Phi_1^6$
42081	876	430	$\frac{4}{215}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{211}{430}$	$\Phi_{430}^4\ \Phi_{86}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
42082	876	98	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{25}{98}$	$\frac{24}{49}$	$\Phi_{98}^{12}\ \Phi_{49}^6\ \Phi_{14}^{12}\ \Phi_7^5\ \Phi_2^{12}\ \Phi_1^6$
42083	876	440	$\frac{1}{44}$	$\frac{15}{88}$	$\frac{1}{5}$	$\frac{43}{88}$	$\Phi_{440}^2\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{55}^3\ \Phi_{40}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^2$
42084	876	250	$\frac{3}{125}$	$\frac{31}{250}$	$\frac{32}{125}$	$\frac{61}{125}$	$\Phi_{250}^4\ \Phi_{125}^3\ \Phi_{50}^4\ \Phi_{25}^3\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
42085	876	140	$\frac{1}{35}$	$\frac{3}{70}$	$\frac{67}{140}$	$\frac{17}{35}$	$\Phi_{140}^{12}\ \Phi_{35}\ \Phi_{28}^{12}\ \Phi_{20}^{12}\ \Phi_7\ \Phi_5\ \Phi_4^{12}\ \Phi_1^2$
42086	876	105	$\frac{1}{35}$	$\frac{3}{35}$	$\frac{32}{105}$	$\frac{17}{35}$	$\Phi_{105}^{12}\ \Phi_{35}\ \Phi_{21}^{12}\ \Phi_{15}^{12}\ \Phi_7\ \Phi_5\ \Phi_3^{12}\ \Phi_1^2$
42087	876	245	$\frac{1}{35}$	$\frac{26}{245}$	$\frac{9}{35}$	$\frac{17}{35}$	$\Phi_{245}^4\ \Phi_{49}^4\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
42088	876	280	$\frac{1}{35}$	$\frac{9}{70}$	$\frac{61}{280}$	$\frac{17}{35}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{35}\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_8^4\ \Phi_7\ \Phi_5\ \Phi_4^4\ \Phi_1^2$
42089	876	175	$\frac{1}{35}$	$\frac{29}{175}$	$\frac{6}{35}$	$\frac{17}{35}$	$\Phi_{175}^6\ \Phi_{35}\ \Phi_{25}^6\ \Phi_7\ \Phi_5\ \Phi_1^2$
42090	876	425	$\frac{13}{425}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{206}{425}$	$\Phi_{425}^2\ \Phi_{85}^2\ \Phi_{25}^3\ \Phi_{17}^2\ \Phi_5^3\ \Phi_1^4$
42091	876	140	$\frac{3}{70}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{67}{140}$	$\Phi_{140}^{12}\ \Phi_{35}\ \Phi_{28}^{12}\ \Phi_{20}^{12}\ \Phi_7\ \Phi_5\ \Phi_4^{12}\ \Phi_1^2$
42092	876	140	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{67}{140}$	$\Phi_{140}^{12}\ \Phi_{28}^{12}\ \Phi_{20}^{12}\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^{12}\ \Phi_2^4\ \Phi_1^4$
42093	876	140	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{67}{140}$	$\Phi_{140}^{12}\ \Phi_{28}^{12}\ \Phi_{20}^{12}\ \Phi_7^5\ \Phi_4^{12}\ \Phi_1^6$
42094	876	84	$\frac{1}{21}$	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{10}{21}$	$\Phi_{84}^{12}\ \Phi_{42}^{12}\ \Phi_{28}^{12}\ \Phi_{21}^6\ \Phi_{14}^{12}\ \Phi_{12}^{12}\ \Phi_7^5\ \Phi_6^{12}\ \Phi_4^{12}\ \Phi_3^6\ \Phi_2^{12}\ \Phi_1^6$
42095	876	2090	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{199}{418}$	$\Phi_{2090}\ \Phi_{190}\ \Phi_{110}\ \Phi_{55}\ \Phi_{10}$
42096	876	80	$\frac{1}{20}$	$\frac{7}{80}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{80}^{12}\ \Phi_{40}^8\ \Phi_{20}^{12}\ \Phi_{16}^{12}\ \Phi_{10}^{12}\ \Phi_8^8\ \Phi_5^{11}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
42097	876	833	$\frac{43}{833}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{395}{833}$	$\Phi_{833}\ \Phi_{119}\ \Phi_{49}^2\ \Phi_{17}\ \Phi_7\ \Phi_1^2$
42098	876	245	$\frac{3}{49}$	$\frac{26}{245}$	$\frac{1}{7}$	$\frac{23}{49}$	$\Phi_{245}^4\ \Phi_{49}^2\ \Phi_{35}^4\ \Phi_7\ \Phi_5^4\ \Phi_1^2$
42099	876	275	$\frac{1}{25}$	$\frac{17}{275}$	$\frac{8}{25}$	$\frac{129}{275}$	$\Phi_{275}^3\ \Phi_{55}^3\ \Phi_{25}^5\ \Phi_{11}^3\ \Phi_5^5\ \Phi_1^6$
42100	876	275	$\frac{17}{275}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{129}{275}$	$\Phi_{275}^3\ \Phi_{55}^4\ \Phi_{25}^3\ \Phi_{11}^4\ \Phi_5^3\ \Phi_1^4$
42101	876	273	$\frac{19}{273}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{127}{273}$	$\Phi_{273}^3\ \Phi_{91}^3\ \Phi_{39}^3\ \Phi_{21}^6\ \Phi_{13}^3\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
42102	876	100	$\frac{1}{25}$	$\frac{2}{25}$	$\frac{27}{100}$	$\frac{23}{50}$	$\Phi_{100}^{12}\ \Phi_{25}^{11}\ \Phi_{20}^{12}\ \Phi_5^{11}\ \Phi_4^{12}\ \Phi_1^{12}$
42103	876	825	$\frac{2}{75}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{165}\ \Phi_{75}^2\ \Phi_{55}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_5^2\ \Phi_1^2$
42104	876	1188	$\frac{1}{36}$	$\frac{1}{11}$	$\frac{35}{108}$	$\frac{5}{11}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{11}\ \Phi_1^2$
42105	876	836	$\frac{3}{76}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{836}\ \Phi_{418}\ \Phi_{209}\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{11}\ \Phi_1^2$
42106	876	1056	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{23}{96}$	$\frac{5}{11}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{176}\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_1^2$
42107	876	990	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{17}{90}$	$\frac{5}{11}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}^2\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
42108	876	858	$\frac{5}{78}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{858}\ \Phi_{429}\ \Phi_{286}\ \Phi_{143}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{11}\ \Phi_1^2$
42109	876	924	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{84}$	$\frac{5}{11}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{84}^2\ \Phi_{77}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_1^2$
42110	876	880	$\frac{7}{80}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{80}^2\ \Phi_{55}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
42111	876	891	$\frac{1}{11}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{5}{11}$	$\Phi_{891}\ \Phi_{297}\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_{11}\ \Phi_1^2$
42112	876	400	$\frac{1}{25}$	$\frac{19}{200}$	$\frac{6}{25}$	$\frac{181}{400}$	$\Phi_{400}^4\ \Phi_{80}^4\ \Phi_{25}^3\ \Phi_{16}^4\ \Phi_5^3\ \Phi_1^4$
42113	876	400	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{1}{5}$	$\frac{181}{400}$	$\Phi_{400}^4\ \Phi_{80}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
42114	876	660	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{1}{5}$	$\frac{59}{132}$	$\Phi_{660}^3\ \Phi_{220}^3\ \Phi_{110}\ \Phi_{60}^3\ \Phi_{55}\ \Phi_{20}^3\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
42115	876	392	$\frac{3}{49}$	$\frac{23}{196}$	$\frac{1}{7}$	$\frac{173}{392}$	$\Phi_{392}^{4}\,\Phi_{56}^{4}\,\Phi_{49}^{2}\,\Phi_{8}^{4}\,\Phi_{7}\,\Phi_{1}^{2}$
42116	876	75	$\frac{2}{75}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{75}^{12}\,\Phi_{25}^{11}\,\Phi_{15}^{12}\,\Phi_{5}^{11}\,\Phi_{3}^{12}\,\Phi_{1}^{12}$
42117	876	385	$\frac{2}{55}$	$\frac{53}{385}$	$\frac{1}{5}$	$\frac{166}{385}$	$\Phi_{385}^{2}\,\Phi_{77}^{2}\,\Phi_{55}^{4}\,\Phi_{35}^{2}\,\Phi_{11}^{4}\,\Phi_{7}^{2}\,\Phi_{5}^{3}\,\Phi_{1}^{4}$
42118	876	217	$\frac{4}{217}$	$\frac{1}{7}$	$\frac{71}{217}$	$\frac{3}{7}$	$\Phi_{217}^{4}\,\Phi_{31}^{4}\,\Phi_{7}^{5}\,\Phi_{1}^{6}$
42119	876	224	$\frac{5}{224}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{224}^{4}\,\Phi_{112}^{4}\,\Phi_{56}^{4}\,\Phi_{32}^{4}\,\Phi_{28}^{4}\,\Phi_{16}^{4}\,\Phi_{14}^{4}\,\Phi_{8}^{4}\,\Phi_{7}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{2}$
42120	876	77	$\frac{4}{77}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{77}^{12}\,\Phi_{11}^{12}\,\Phi_{7}^{5}\,\Phi_{1}^{6}$
42121	876	126	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{10}{63}$	$\frac{53}{126}$	$\Phi_{126}^{12}\,\Phi_{42}^{12}\,\Phi_{21}^{6}\,\Phi_{18}^{12}\,\Phi_{14}^{12}\,\Phi_{7}^{5}\,\Phi_{6}^{12}\,\Phi_{3}^{6}\,\Phi_{2}^{12}\,\Phi_{1}^{6}$
42122	876	125	$\frac{2}{125}$	$\frac{21}{125}$	$\frac{41}{125}$	$\frac{52}{125}$	$\Phi_{125}^{7}\,\Phi_{25}^{7}\,\Phi_{5}^{7}\,\Phi_{1}^{8}$
42123	876	125	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{52}{125}$	$\Phi_{125}^{6}\,\Phi_{25}^{11}\,\Phi_{5}^{11}\,\Phi_{1}^{12}$
42124	876	245	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{47}{245}$	$\frac{99}{245}$	$\Phi_{245}^{3}\,\Phi_{49}^{6}\,\Phi_{35}^{3}\,\Phi_{7}^{5}\,\Phi_{5}^{3}\,\Phi_{1}^{6}$
42125	876	1110	$\frac{1}{74}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1110}\,\Phi_{555}\,\Phi_{222}^{2}\,\Phi_{111}^{2}\,\Phi_{30}\,\Phi_{6}^{2}$
42126	876	290	$\frac{3}{145}$	$\frac{1}{5}$	$\frac{71}{290}$	$\frac{2}{5}$	$\Phi_{290}^{4}\,\Phi_{145}^{2}\,\Phi_{58}^{4}\,\Phi_{29}^{2}\,\Phi_{10}^{4}\,\Phi_{5}^{3}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
42127	876	75	$\frac{2}{75}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{75}^{12}\,\Phi_{25}^{12}\,\Phi_{15}^{12}\,\Phi_{5}^{7}\,\Phi_{3}^{12}\,\Phi_{1}^{8}$
42128	876	435	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{435}^{2}\,\Phi_{145}\,\Phi_{87}^{4}\,\Phi_{29}^{2}\,\Phi_{15}^{2}\,\Phi_{5}^{2}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
42129	876	962	$\frac{1}{74}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{962}\,\Phi_{481}\,\Phi_{26}$
42130	876	250	$\frac{1}{25}$	$\frac{31}{250}$	$\frac{6}{25}$	$\frac{19}{50}$	$\Phi_{250}^{4}\,\Phi_{125}^{4}\,\Phi_{25}^{3}\,\Phi_{5}^{3}\,\Phi_{1}^{4}$
42131	876	1760	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{43}{176}$	$\frac{133}{352}$	$\Phi_{1760}\,\Phi_{220}\,\Phi_{160}\,\Phi_{110}\,\Phi_{55}\,\Phi_{20}\,\Phi_{10}$
42132	876	1120	$\frac{5}{224}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1120}\,\Phi_{560}\,\Phi_{280}\,\Phi_{160}\,\Phi_{140}\,\Phi_{80}\,\Phi_{70}\,\Phi_{35}\,\Phi_{20}\,\Phi_{10}$
42133	876	350	$\frac{3}{175}$	$\frac{43}{175}$	$\frac{44}{175}$	$\frac{131}{350}$	$\Phi_{350}^{4}\,\Phi_{175}\,\Phi_{70}^{4}\,\Phi_{50}^{4}\,\Phi_{35}\,\Phi_{25}\,\Phi_{14}^{4}\,\Phi_{10}^{4}\,\Phi_{7}\,\Phi_{5}\,\Phi_{2}^{4}\,\Phi_{1}^{2}$
42134	876	75	$\frac{2}{75}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{75}^{12}\,\Phi_{25}^{11}\,\Phi_{15}^{12}\,\Phi_{5}^{11}\,\Phi_{3}^{12}\,\Phi_{1}^{12}$
42135	876	225	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{67}{225}$	$\frac{79}{225}$	$\Phi_{225}^{3}\,\Phi_{75}^{6}\,\Phi_{45}^{3}\,\Phi_{25}^{5}\,\Phi_{15}^{6}\,\Phi_{9}^{3}\,\Phi_{5}^{5}\,\Phi_{3}^{6}\,\Phi_{1}^{6}$
42136	876	175	$\frac{4}{175}$	$\frac{29}{175}$	$\frac{57}{175}$	$\frac{59}{175}$	$\Phi_{175}^{5}\,\Phi_{35}^{5}\,\Phi_{25}^{5}\,\Phi_{7}^{5}\,\Phi_{5}^{5}\,\Phi_{1}^{6}$
42137	876	110	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{18}{55}$	$\frac{37}{110}$	$\Phi_{110}^{12}\,\Phi_{55}^{4}\,\Phi_{22}^{12}\,\Phi_{11}^{4}\,\Phi_{10}^{12}\,\Phi_{5}^{3}\,\Phi_{2}^{12}\,\Phi_{1}^{4}$
42138	876	875	$\frac{8}{875}$	$\frac{289}{875}$	$\frac{291}{875}$	$\frac{293}{875}$	$\Phi_{875}\,\Phi_{175}\,\Phi_{125}\,\Phi_{35}\,\Phi_{25}\,\Phi_{7}\,\Phi_{5}\,\Phi_{1}^{2}$
42139	876	1317	$\frac{4}{439}$	$\frac{145}{439}$	$\frac{1}{3}$	$\frac{147}{439}$	Φ_{1317}
42140	876	327	$\frac{1}{109}$	$\frac{36}{109}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{327}^{2}\,\Phi_{109}^{4}\,\Phi_{3}^{3}\,\Phi_{1}^{6}$
42141	876	444	$\frac{1}{74}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{444}^{2}\,\Phi_{222}\,\Phi_{148}^{4}\,\Phi_{111}\,\Phi_{74}^{2}\,\Phi_{37}^{2}\,\Phi_{12}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
42142	876	525	$\frac{2}{75}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{525}^{2}\,\Phi_{175}^{2}\,\Phi_{105}^{2}\,\Phi_{35}^{2}\,\Phi_{21}$
42143	876	756	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{35}{108}$	$\frac{1}{3}$	$\Phi_{756}^{2}\,\Phi_{378}^{2}\,\Phi_{189}^{2}\,\Phi_{21}$
42144	876	825	$\frac{2}{75}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{825}\,\Phi_{275}\,\Phi_{165}\,\Phi_{75}^{2}\,\Phi_{55}\,\Phi_{25}^{2}\,\Phi_{15}^{2}\,\Phi_{11}\,\Phi_{5}^{2}\,\Phi_{1}^{2}$
42145	876	300	$\frac{2}{75}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^{4}\,\Phi_{150}^{4}\,\Phi_{100}^{4}\,\Phi_{60}^{3}\,\Phi_{50}^{4}\,\Phi_{30}^{3}\,\Phi_{20}^{4}\,\Phi_{12}^{4}\,\Phi_{10}^{4}\,\Phi_{6}^{4}\,\Phi_{4}^{4}\,\Phi_{2}^{4}$
42146	876	348	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{348}^{3}\,\Phi_{174}^{3}\,\Phi_{116}^{4}\,\Phi_{58}^{4}\,\Phi_{12}^{4}\,\Phi_{6}^{4}\,\Phi_{4}^{4}\,\Phi_{2}^{4}$
42147	876	1596	$\frac{3}{76}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1596}\,\Phi_{798}\,\Phi_{399}\,\Phi_{21}$
42148	876	672	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{23}{96}$	$\frac{1}{3}$	$\Phi_{672}^{2}\,\Phi_{336}^{2}\,\Phi_{224}^{2}\,\Phi_{112}^{2}\,\Phi_{21}$
42149	876	1071	$\frac{7}{153}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1071}\,\Phi_{357}\,\Phi_{119}\,\Phi_{21}$
42150	876	630	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{17}{90}$	$\frac{1}{3}$	$\Phi_{630}^{2}\,\Phi_{315}^{2}\,\Phi_{210}^{2}\,\Phi_{105}^{2}\,\Phi_{70}^{2}\,\Phi_{35}^{2}\,\Phi_{21}$
42151	876	546	$\frac{5}{78}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{546}^{2}\,\Phi_{273}^{2}\,\Phi_{182}^{2}\,\Phi_{91}^{2}\,\Phi_{21}$
42152	876	84	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{84}^{10}\,\Phi_{42}^{10}\,\Phi_{28}^{10}\,\Phi_{21}^{11}\,\Phi_{14}^{10}\,\Phi_{12}^{12}\,\Phi_{7}^{10}\,\Phi_{6}^{12}\,\Phi_{4}^{12}\,\Phi_{3}^{12}\,\Phi_{2}^{12}\,\Phi_{1}^{12}$
42153	876	1680	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1680}\,\Phi_{840}\,\Phi_{420}\,\Phi_{336}\,\Phi_{210}\,\Phi_{105}\,\Phi_{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
42154	876	567	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{567}^{2}\ \Phi_{189}^{2}\ \Phi_{21}$
42155	876	1188	$\frac{1}{36}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{35}{108}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
42156	876	540	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{35}{108}$	$\Phi_{540}^{3}\ \Phi_{270}^{3}\ \Phi_{135}^{3}\ \Phi_{20}\ \Phi_{10}$
42157	876	440	$\frac{1}{22}$	$\frac{15}{88}$	$\frac{1}{5}$	$\frac{7}{22}$	$\Phi_{440}^{3}\ \Phi_{220}^{3}\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{10}$
42158	876	189	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{43}{189}$	$\frac{20}{63}$	$\Phi_{189}^{6}\ \Phi_{27}^{6}\ \Phi_{21}^{6}\ \Phi_{7}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
42159	876	105	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{32}{105}$	$\frac{11}{35}$	$\Phi_{105}^{12}\ \Phi_{35}\ \Phi_{21}^{12}\ \Phi_{15}^{12}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}^{12}\ \Phi_{1}^{2}$
42160	876	165	$\frac{4}{55}$	$\frac{19}{165}$	$\frac{1}{5}$	$\frac{17}{55}$	$\Phi_{165}^{6}\ \Phi_{55}^{4}\ \Phi_{33}^{6}\ \Phi_{15}^{6}\ \Phi_{11}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{6}\ \Phi_{1}^{4}$
42161	876	105	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{32}{105}$	$\Phi_{105}^{12}\ \Phi_{21}^{12}\ \Phi_{15}^{12}\ \Phi_{7}^{5}\ \Phi_{3}^{12}\ \Phi_{1}^{6}$
42162	876	80	$\frac{7}{80}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{80}^{12}\ \Phi_{40}^{12}\ \Phi_{20}^{12}\ \Phi_{16}^{12}\ \Phi_{10}^{4}\ \Phi_{8}^{12}\ \Phi_{5}^{3}\ \Phi_{4}^{12}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
42163	876	836	$\frac{3}{76}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{836}\ \Phi_{418}\ \Phi_{209}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
42164	876	1056	$\frac{1}{24}$	$\frac{2}{11}$	$\frac{23}{96}$	$\frac{3}{11}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{176}\ \Phi_{96}^{2}\ \Phi_{48}^{2}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
42165	876	990	$\frac{1}{18}$	$\frac{2}{11}$	$\frac{17}{90}$	$\frac{3}{11}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}^{2}\ \Phi_{55}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
42166	876	858	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{858}\ \Phi_{429}\ \Phi_{286}\ \Phi_{143}\ \Phi_{78}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
42167	876	924	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{84}^{2}\ \Phi_{77}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
42168	876	880	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{80}^{2}\ \Phi_{55}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
42169	876	891	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{891}\ \Phi_{297}\ \Phi_{81}^{2}\ \Phi_{27}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
42170	876	100	$\frac{1}{25}$	$\frac{19}{100}$	$\frac{6}{25}$	$\frac{27}{100}$	$\Phi_{100}^{8}\ \Phi_{50}^{8}\ \Phi_{25}^{11}\ \Phi_{20}^{8}\ \Phi_{10}^{8}\ \Phi_{5}^{11}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
42171	876	100	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{1}{5}$	$\frac{27}{100}$	$\Phi_{100}^{8}\ \Phi_{50}^{8}\ \Phi_{25}^{8}\ \Phi_{20}^{12}\ \Phi_{10}^{12}\ \Phi_{5}^{11}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
42172	876	98	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{23}{98}$	$\frac{25}{98}$	$\Phi_{98}^{8}\ \Phi_{49}^{10}\ \Phi_{14}^{8}\ \Phi_{7}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
42173	876	380	$\frac{3}{76}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{380}^{3}\ \Phi_{190}^{3}\ \Phi_{95}^{3}\ \Phi_{20}\ \Phi_{10}$
42174	876	480	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{23}{96}$	$\frac{1}{4}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{3}\ \Phi_{80}^{3}\ \Phi_{20}\ \Phi_{10}$
42175	876	180	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^{6}\ \Phi_{90}^{3}\ \Phi_{60}^{6}\ \Phi_{45}^{3}\ \Phi_{36}^{8}\ \Phi_{30}^{3}\ \Phi_{20}^{7}\ \Phi_{18}^{4}\ \Phi_{15}^{3}\ \Phi_{12}^{8}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
42176	876	780	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{780}^{2}\ \Phi_{390}\ \Phi_{260}^{2}\ \Phi_{195}\ \Phi_{130}\ \Phi_{65}\ \Phi_{20}\ \Phi_{10}$
42177	876	420	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{3}\ \Phi_{105}^{3}\ \Phi_{70}^{3}\ \Phi_{35}^{3}\ \Phi_{20}\ \Phi_{10}$
42178	876	80	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{80}^{12}\ \Phi_{40}^{9}\ \Phi_{20}^{10}\ \Phi_{16}^{12}\ \Phi_{10}^{10}\ \Phi_{8}^{12}\ \Phi_{5}^{9}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
42179	876	1620	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{270}\ \Phi_{20}\ \Phi_{10}$
42180	876	280	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{5}$	$\frac{61}{280}$	$\Phi_{280}^{4}\ \Phi_{140}^{4}\ \Phi_{56}^{4}\ \Phi_{40}^{4}\ \Phi_{28}^{4}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
42181	876	84	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{84}^{12}\ \Phi_{42}^{12}\ \Phi_{28}^{12}\ \Phi_{21}^{12}\ \Phi_{12}^{12}\ \Phi_{7}^{5}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{6}$
42182	876	275	$\frac{4}{55}$	$\frac{51}{275}$	$\frac{1}{5}$	$\frac{56}{275}$	$\Phi_{275}^{3}\ \Phi_{55}^{4}\ \Phi_{25}^{3}\ \Phi_{11}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
42183	876	175	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{29}{175}$	$\frac{6}{35}$	$\Phi_{175}^{6}\ \Phi_{25}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
42184	877	1744	$\frac{5}{872}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{867}{1744}$	$\Phi_{1744}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
42185	877	1728	$\frac{13}{864}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{851}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
42186	877	1728	$\frac{13}{864}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{851}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
42187	877	1728	$\frac{13}{864}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{851}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
42188	877	1176	$\frac{5}{294}$	$\frac{1}{6}$	$\frac{299}{1176}$	$\frac{289}{588}$	$\Phi_{1176}\ \Phi_{392}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
42189	877	1056	$\frac{3}{176}$	$\frac{179}{1056}$	$\frac{1}{4}$	$\frac{173}{352}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
42190	877	1720	$\frac{17}{860}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{843}{1720}$	$\Phi_{1720}\ \Phi_{344}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
42191	877	960	$\frac{3}{80}$	$\frac{83}{960}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
42192	877	1008	$\frac{5}{126}$	$\frac{131}{1008}$	$\frac{1}{6}$	$\frac{121}{252}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
42193	877	1680	$\frac{37}{840}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{803}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
42194	877	1680	$\frac{37}{840}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{803}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{80}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
42195	877	1672	$\frac{41}{836}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{795}{1672}$	$\Phi_{1672}\ \Phi_{152}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
42196	877	1296	$\frac{13}{432}$	$\frac{1}{12}$	$\frac{419}{1296}$	$\frac{11}{24}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
42197	877	912	$\frac{35}{912}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
42198	877	1152	$\frac{13}{288}$	$\frac{1}{12}$	$\frac{275}{1152}$	$\frac{11}{24}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
42199	877	1080	$\frac{13}{216}$	$\frac{1}{12}$	$\frac{203}{1080}$	$\frac{11}{24}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
42200	877	936	$\frac{59}{936}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
42201	877	960	$\frac{1}{12}$	$\frac{83}{960}$	$\frac{13}{96}$	$\frac{11}{24}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
42202	877	1008	$\frac{1}{12}$	$\frac{13}{144}$	$\frac{131}{1008}$	$\frac{11}{24}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
42203	877	1600	$\frac{3}{80}$	$\frac{77}{800}$	$\frac{1}{4}$	$\frac{723}{1600}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
42204	877	1584	$\frac{3}{88}$	$\frac{85}{792}$	$\frac{1}{4}$	$\frac{707}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{88}\ \Phi_{48}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
42205	877	924	$\frac{47}{924}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
42206	877	1512	$\frac{5}{126}$	$\frac{121}{756}$	$\frac{1}{6}$	$\frac{635}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{168}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
42207	877	896	$\frac{19}{896}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
42208	877	1408	$\frac{3}{176}$	$\frac{173}{704}$	$\frac{1}{4}$	$\frac{531}{1408}$	$\Phi_{1408}\ \Phi_{176}\ \Phi_{128}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
42209	877	900	$\frac{23}{900}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
42210	877	1320	$\frac{3}{220}$	$\frac{1}{4}$	$\frac{217}{660}$	$\frac{443}{1320}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{264}\ \Phi_{220}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{24}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
42211	877	1296	$\frac{13}{432}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{419}{1296}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
42212	877	1296	$\frac{13}{432}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{419}{1296}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
42213	877	1056	$\frac{3}{88}$	$\frac{179}{1056}$	$\frac{1}{4}$	$\frac{85}{264}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{176}\ \Phi_{96}\ \Phi_{88}\ \Phi_{48}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
42214	877	1134	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{257}{1134}$	$\frac{121}{378}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{162}\ \Phi_{126}\ \Phi_{81}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
42215	877	960	$\frac{3}{40}$	$\frac{83}{960}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
42216	877	1260	$\frac{37}{420}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{383}{1260}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
42217	877	918	$\frac{41}{918}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{918}\ \Phi_{459}\ \Phi_{306}\ \Phi_{153}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
42218	877	1152	$\frac{13}{288}$	$\frac{1}{6}$	$\frac{275}{1152}$	$\frac{5}{18}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
42219	877	1080	$\frac{13}{216}$	$\frac{1}{6}$	$\frac{203}{1080}$	$\frac{5}{18}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
42220	877	936	$\frac{59}{936}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
42221	877	1008	$\frac{13}{144}$	$\frac{131}{1008}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
42222	877	972	$\frac{95}{972}$	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
42223	877	912	$\frac{35}{912}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_8\ \Phi_1$
42224	877	1200	$\frac{3}{80}$	$\frac{77}{400}$	$\frac{1}{4}$	$\frac{323}{1200}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
42225	877	1152	$\frac{13}{288}$	$\frac{3}{16}$	$\frac{275}{1152}$	$\frac{1}{4}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
42226	877	1120	$\frac{3}{40}$	$\frac{37}{280}$	$\frac{243}{1120}$	$\frac{1}{4}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
42227	877	960	$\frac{83}{960}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
42228	877	1008	$\frac{13}{144}$	$\frac{131}{1008}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
42229	877	1008	$\frac{5}{42}$	$\frac{131}{1008}$	$\frac{1}{6}$	$\frac{37}{168}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
42230	877	1050	$\frac{5}{42}$	$\frac{173}{1050}$	$\frac{1}{6}$	$\frac{37}{210}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{175}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{42}\ \Phi_{25}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
42231	878	2616	$\frac{3}{436}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{433}{872}$	$\Phi_{2616}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
42232	878	870	$\frac{4}{435}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{431}{870}$	$\Phi_{870}^2\ \Phi_{290}^2\ \Phi_{174}^2\ \Phi_{58}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
42233	878	528	$\frac{1}{88}$	$\frac{89}{528}$	$\frac{1}{3}$	$\frac{87}{176}$	$\Phi_{528}\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42234	878	864	$\frac{7}{432}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{425}{864}$	$\Phi_{864}^2\ \Phi_{288}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
42235	878	2580	$\frac{9}{430}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{421}{860}$	$\Phi_{2580}\ \Phi_{516}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
42236	878	858	$\frac{10}{429}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{419}{858}$	$\Phi_{858}^2\ \Phi_{286}^2\ \Phi_{78}^2\ \Phi_{66}^2\ \Phi_{33}\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_6^2\ \Phi_2^2$
42237	878	480	$\frac{1}{40}$	$\frac{41}{480}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{480}^2\ \Phi_{240}\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42238	878	840	$\frac{19}{420}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{401}{840}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_8^2\ \Phi_6$
42239	878	2508	$\frac{1}{22}$	$\frac{21}{418}$	$\frac{1}{3}$	$\frac{397}{836}$	$\Phi_{2508}\ \Phi_{228}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
42240	878	2400	$\frac{1}{40}$	$\frac{39}{400}$	$\frac{1}{3}$	$\frac{361}{800}$	$\Phi_{2400}\ \Phi_{480}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
42241	878	792	$\frac{1}{44}$	$\frac{43}{396}$	$\frac{1}{3}$	$\frac{353}{792}$	$\Phi_{792}^2\ \Phi_{264}^2\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_6$
42242	878	1344	$\frac{9}{448}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
42243	878	2310	$\frac{1}{55}$	$\frac{54}{385}$	$\frac{1}{3}$	$\frac{331}{770}$	$\Phi_{2310}\ \Phi_{462}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
42244	878	2112	$\frac{1}{88}$	$\frac{87}{352}$	$\frac{1}{3}$	$\frac{265}{704}$	$\Phi_{2112}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
42245	878	660	$\frac{1}{110}$	$\frac{109}{330}$	$\frac{1}{3}$	$\frac{221}{660}$	$\Phi_{660}^2\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
42246	878	528	$\frac{1}{44}$	$\frac{89}{528}$	$\frac{43}{132}$	$\frac{1}{3}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{48}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_6$
42247	878	648	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{209}{648}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
42248	878	480	$\frac{1}{20}$	$\frac{41}{480}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_8^2\ \Phi_6$
42249	878	462	$\frac{23}{462}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_2^2$
42250	878	456	$\frac{17}{456}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{456}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{24}\ \Phi_{19}^2\ \Phi_{12}\ \Phi_6$
42251	878	600	$\frac{1}{40}$	$\frac{39}{200}$	$\frac{161}{600}$	$\frac{1}{3}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}^2\ \Phi_{150}\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42252	878	450	$\frac{11}{450}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_2^2$
42253	878	1740	$\frac{4}{145}$	$\frac{1}{5}$	$\frac{141}{580}$	$\frac{1}{3}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{348}\ \Phi_{174}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
42254	878	576	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{137}{576}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
42255	878	1716	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{133}{572}$	$\frac{1}{3}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{156}\ \Phi_{132}\ \Phi_{78}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
42256	878	1680	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{121}{560}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{336}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
42257	878	480	$\frac{41}{480}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
42258	878	504	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{504}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_6$
42259	879	1164	$\frac{2}{291}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{289}{582}$	$\Phi_{1164}\ \Phi_{388}\ \Phi_{291}\ \Phi_{97}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
42260	879	392	$\frac{1}{98}$	$\frac{1}{4}$	$\frac{99}{392}$	$\frac{97}{196}$	$\Phi_{392}^3\ \Phi_{196}^2\ \Phi_{98}\ \Phi_{56}^3\ \Phi_{49}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
42261	879	576	$\frac{5}{288}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{283}{576}$	$\Phi_{576}^3\ \Phi_{192}^3\ \Phi_{64}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
42262	879	1148	$\frac{6}{287}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{281}{574}$	$\Phi_{1148}\ \Phi_{287}\ \Phi_{164}\ \Phi_{41}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
42263	879	336	$\frac{1}{42}$	$\frac{43}{336}$	$\frac{1}{4}$	$\frac{41}{84}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}^2\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{16}^3\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8^3\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
42264	879	560	$\frac{13}{280}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{267}{560}$	$\Phi_{560}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
42265	879	308	$\frac{15}{308}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{308}^3\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{44}^3\ \Phi_{28}^2\ \Phi_{22}^3\ \Phi_{14}\ \Phi_{11}^3\ \Phi_7\ \Phi_4\ \Phi_1$
42266	879	1092	$\frac{1}{21}$	$\frac{20}{273}$	$\frac{1}{4}$	$\frac{253}{546}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{273}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}^2\ \Phi_{52}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
42267	879	504	$\frac{1}{42}$	$\frac{41}{252}$	$\frac{1}{4}$	$\frac{211}{504}$	$\Phi_{504}^3\ \Phi_{168}^3\ \Phi_{84}^2\ \Phi_{72}^3\ \Phi_{56}^3\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8^3\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
42268	879	300	$\frac{7}{300}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^3\ \Phi_{30}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
42269	879	980	$\frac{1}{49}$	$\frac{48}{245}$	$\frac{1}{4}$	$\frac{197}{490}$	$\Phi_{980}\ \Phi_{245}\ \Phi_{196}^2\ \Phi_{140}\ \Phi_{98}\ \Phi_{49}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
42270	879	439	$\frac{4}{439}$	$\frac{145}{439}$	$\frac{146}{439}$	$\frac{147}{439}$	$\Phi_{439}^2\ \Phi_1^3$
42271	879	756	$\frac{1}{42}$	$\frac{85}{378}$	$\frac{1}{4}$	$\frac{41}{126}$	$\Phi_{756}^2\ \Phi_{378}\ \Phi_{189}\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
42272	879	432	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{139}{432}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
42273	879	420	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{4}$	$\frac{127}{420}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{30}^3\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{14}\ \Phi_{12}^3\ \Phi_7\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
42274	879	612	$\frac{13}{306}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{612}^2\ \Phi_{306}\ \Phi_{204}^2\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
42275	879	384	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{91}{384}$	$\frac{1}{4}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
42276	879	336	$\frac{1}{14}$	$\frac{43}{336}$	$\frac{13}{56}$	$\frac{1}{4}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{14}\ \Phi_{12}^3\ \Phi_7\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
42277	879	312	$\frac{19}{312}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
42278	879	360	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{360}$	$\frac{1}{4}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
42279	879	700	$\frac{1}{14}$	$\frac{57}{350}$	$\frac{13}{70}$	$\frac{1}{4}$	$\Phi_{700}^2\ \Phi_{350}\ \Phi_{175}\ \Phi_{100}^2\ \Phi_{50}\ \Phi_{28}^2\ \Phi_{25}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
42280	879	324	$\frac{31}{324}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{324}^3\ \Phi_{162}^3\ \Phi_{108}^3\ \Phi_{81}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
42281	879	336	$\frac{5}{48}$	$\frac{43}{336}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_7^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
42282	880	219	$\frac{1}{219}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{109}{219}$	$\Phi_{219}^4\ \Phi_{73}^4\ \Phi_3^5\ \Phi_1^6$
42283	880	879	$\frac{5}{879}$	$\frac{221}{879}$	$\frac{329}{879}$	$\frac{437}{879}$	$\Phi_{879}\ \Phi_{293}\ \Phi_3\ \Phi_1^2$
42284	880	1400	$\frac{1}{175}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{87}{175}$	$\Phi_{1400}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{25}\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
42285	880	147	$\frac{1}{147}$	$\frac{37}{147}$	$\frac{1}{3}$	$\frac{73}{147}$	$\Phi_{147}^6\ \Phi_{49}^6\ \Phi_{21}^6\ \Phi_7^6\ \Phi_3^5\ \Phi_1^6$
42286	880	873	$\frac{7}{873}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{433}{873}$	$\Phi_{873}\ \Phi_{291}\ \Phi_{97}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
42287	880	763	$\frac{1}{109}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{54}{109}$	$\Phi_{763}\ \Phi_{109}^2\ \Phi_7^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
42288	880	1635	$\frac{1}{109}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{54}{109}$	$\Phi_{1635}\ \Phi_{15}^2$
42289	880	293	$\frac{3}{293}$	$\frac{37}{293}$	$\frac{128}{293}$	$\frac{145}{293}$	$\Phi_{293}^3\ \Phi_1^4$
42290	880	293	$\frac{3}{293}$	$\frac{73}{293}$	$\frac{74}{293}$	$\frac{145}{293}$	$\Phi_{293}^3\ \Phi_1^4$
42291	880	261	$\frac{1}{87}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{43}{87}$	$\Phi_{261}^3\ \Phi_{87}^4\ \Phi_{29}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
42292	880	174	$\frac{1}{87}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{43}{87}$	$\Phi_{174}^6\ \Phi_{87}^4\ \Phi_{58}^6\ \Phi_{29}^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
42293	880	879	$\frac{11}{879}$	$\frac{89}{879}$	$\frac{395}{879}$	$\frac{434}{879}$	$\Phi_{879}\ \Phi_{293}\ \Phi_3\ \Phi_1^2$
42294	880	1580	$\frac{1}{79}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{39}{79}$	$\Phi_{1580}\ \Phi_{316}\ \Phi_{79}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
42295	880	1185	$\frac{1}{79}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{39}{79}$	$\Phi_{1185}\ \Phi_{237}\ \Phi_{79}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
42296	880	1105	$\frac{3}{221}$	$\frac{1}{5}$	$\frac{56}{221}$	$\frac{109}{221}$	$\Phi_{1105}\ \Phi_{85}\ \Phi_{65}$
42297	880	651	$\frac{3}{217}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{107}{217}$	$\Phi_{651}^2\ \Phi_{93}^2\ \Phi_{21}^3\ \Phi_3^2$
42298	880	879	$\frac{13}{879}$	$\frac{164}{879}$	$\frac{223}{879}$	$\frac{433}{879}$	$\Phi_{879}\ \Phi_{293}\ \Phi_3\ \Phi_1^2$
42299	880	63	$\frac{1}{63}$	$\frac{8}{63}$	$\frac{1}{3}$	$\frac{31}{63}$	$\Phi_{63}^{14}\ \Phi_{21}^{14}\ \Phi_9^{14}\ \Phi_7^{14}\ \Phi_3^{13}\ \Phi_1^{14}$
42300	880	354	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{15}{59}$	$\frac{29}{59}$	$\Phi_{354}^3\ \Phi_{177}^3\ \Phi_{118}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
42301	880	540	$\frac{1}{54}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{53}{108}$	$\Phi_{540}^3\ \Phi_{180}^3\ \Phi_{108}^4\ \Phi_{60}^3\ \Phi_{36}^4\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
42302	880	108	$\frac{1}{54}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{53}{108}$	$\Phi_{108}^{16}\ \Phi_{36}^{16}\ \Phi_{12}^{16}\ \Phi_9^2\ \Phi_4^{16}\ \Phi_3\ \Phi_1^2$
42303	880	540	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{53}{108}$	$\Phi_{540}^3\ \Phi_{180}^3\ \Phi_{108}^4\ \Phi_{60}^3\ \Phi_{36}^4\ \Phi_{20}^3\ \Phi_{12}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
42304	880	879	$\frac{17}{879}$	$\frac{131}{879}$	$\frac{224}{879}$	$\frac{431}{879}$	$\Phi_{879}\ \Phi_{293}\ \Phi_3\ \Phi_1^2$
42305	880	147	$\frac{1}{49}$	$\frac{5}{49}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{147}^9\ \Phi_{21}^9\ \Phi_3^8$
42306	880	861	$\frac{19}{861}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{421}{861}$	$\Phi_{861}\ \Phi_{287}\ \Phi_{123}\ \Phi_{41}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
42307	880	817	$\frac{1}{43}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{21}{43}$	$\Phi_{817}\ \Phi_{43}^2\ \Phi_{19}^2\ \Phi_1^4$
42308	880	1419	$\frac{1}{43}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{1419}\ \Phi_{33}^2$
42309	880	817	$\frac{1}{43}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{21}{43}$	$\Phi_{817}\ \Phi_{43}^2\ \Phi_{19}^2\ \Phi_1^4$
42310	880	1290	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{21}{43}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{430}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
42311	880	293	$\frac{7}{293}$	$\frac{15}{293}$	$\frac{139}{293}$	$\frac{143}{293}$	$\Phi_{293}^3\ \Phi_1^4$
42312	880	273	$\frac{1}{39}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{19}{39}$	$\Phi_{273}^3\ \Phi_{91}^3\ \Phi_{39}^4\ \Phi_{21}^4\ \Phi_{13}^4\ \Phi_7^4\ \Phi_3^5\ \Phi_1^6$
42313	880	156	$\frac{1}{39}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{156}^6\ \Phi_{78}^6\ \Phi_{52}^6\ \Phi_{39}^4\ \Phi_{26}^6\ \Phi_{13}^4\ \Phi_{12}^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
42314	880	546	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{19}{39}$	$\Phi_{546}^2\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{91}\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{21}\ \Phi_{14}^4\ \Phi_{13}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
42315	880	879	$\frac{23}{879}$	$\frac{41}{879}$	$\frac{419}{879}$	$\frac{428}{879}$	$\Phi_{879}\ \Phi_{293}\ \Phi_3\ \Phi_1^2$
42316	880	666	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{19}{74}$	$\frac{18}{37}$	$\Phi_{666}^2\ \Phi_{333}\ \Phi_{222}^2\ \Phi_{111}\ \Phi_{18}^2\ \Phi_6^2$
42317	880	979	$\frac{3}{89}$	$\frac{1}{11}$	$\frac{23}{89}$	$\frac{43}{89}$	Φ_{979}
42318	880	879	$\frac{31}{879}$	$\frac{91}{879}$	$\frac{197}{879}$	$\frac{424}{879}$	$\Phi_{879}\ \Phi_{293}\ \Phi_3\ \Phi_1^2$
42319	880	108	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{108}^9\ \Phi_{54}^9\ \Phi_{36}^9\ \Phi_{27}^6\ \Phi_{18}^9\ \Phi_{12}^8\ \Phi_9^6\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
42320	880	293	$\frac{11}{293}$	$\frac{38}{293}$	$\frac{51}{293}$	$\frac{141}{293}$	$\Phi_{293}^3\ \Phi_1^4$
42321	880	354	$\frac{7}{177}$	$\frac{23}{177}$	$\frac{1}{6}$	$\frac{85}{177}$	$\Phi_{354}^3\ \Phi_{177}^2\ \Phi_{118}^3\ \Phi_{59}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42322	880	1105	$\frac{9}{221}$	$\frac{23}{221}$	$\frac{1}{5}$	$\frac{106}{221}$	$\Phi_{1105}\ \Phi_{85}\ \Phi_{65}$
42323	880	879	$\frac{37}{879}$	$\frac{65}{879}$	$\frac{229}{879}$	$\frac{421}{879}$	$\Phi_{879}\ \Phi_{293}\ \Phi_3\ \Phi_1^2$
42324	880	441	$\frac{19}{441}$	$\frac{23}{441}$	$\frac{1}{3}$	$\frac{211}{441}$	$\Phi_{441}^2\ \Phi_{147}^2\ \Phi_{63}^2\ \Phi_{49}^2\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
42325	880	879	$\frac{41}{879}$	$\frac{59}{879}$	$\frac{230}{879}$	$\frac{419}{879}$	$\Phi_{879}\ \Phi_{293}\ \Phi_3\ \Phi_1^2$
42326	880	21	$\frac{1}{21}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{21}^{42}\ \Phi_7^{42}\ \Phi_3^{41}\ \Phi_1^{42}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
42327	880	273	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{10}{21}$	$\Phi_{273}^3\ \Phi_{91}^3\ \Phi_{39}^3\ \Phi_{21}^4\ \Phi_{13}^6\ \Phi_7^4\ \Phi_3^4\ \Phi_1^8$
42328	880	1155	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{165}\ \Phi_{55}^2$
42329	880	273	$\frac{1}{21}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{10}{21}$	$\Phi_{273}^3\ \Phi_{91}^3\ \Phi_{39}^4\ \Phi_{21}^4\ \Phi_{13}^4\ \Phi_7^4\ \Phi_3^5\ \Phi_1^6$
42330	880	126	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{10}{21}$	$\Phi_{126}^9\ \Phi_{63}^6\ \Phi_{42}^6\ \Phi_{21}^4\ \Phi_{18}^{12}\ \Phi_{14}^6\ \Phi_9^8\ \Phi_7^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
42331	880	1311	$\frac{1}{23}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{1311}\ \Phi_{69}^2$
42332	880	817	$\frac{1}{19}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{9}{19}$	$\Phi_{817}\ \Phi_{43}^2\ \Phi_{19}^2\ \Phi_1^4$
42333	880	1140	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2$
42334	880	1768	$\frac{3}{52}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{1768}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
42335	880	520	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{49}{104}$	$\Phi_{520}^4\ \Phi_{65}\ \Phi_{40}^4$
42336	880	595	$\frac{1}{17}$	$\frac{9}{119}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{595}^2\ \Phi_{85}\ \Phi_{35}^2$
42337	880	285	$\frac{2}{57}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{285}^3\ \Phi_{95}^3\ \Phi_{57}^4\ \Phi_{19}^4\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
42338	880	405	$\frac{1}{27}$	$\frac{1}{15}$	$\frac{26}{81}$	$\frac{7}{15}$	$\Phi_{405}^3\ \Phi_{81}^4\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
42339	880	105	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{105}^9\ \Phi_{35}^9\ \Phi_{21}^8\ \Phi_{15}^6\ \Phi_7^8\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
42340	880	360	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{17}{72}$	$\frac{7}{15}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{72}^4\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}^4\ \Phi_8^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
42341	880	135	$\frac{1}{15}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{7}{15}$	$\Phi_{135}^6\ \Phi_{45}^6\ \Phi_{27}^8\ \Phi_{15}^7\ \Phi_9^8\ \Phi_5^7\ \Phi_3^9\ \Phi_1^{10}$
42342	880	60	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{60}^{15}\ \Phi_{30}^{12}\ \Phi_{20}^{15}\ \Phi_{15}^{13}\ \Phi_{12}^{20}\ \Phi_{10}^{12}\ \Phi_6^{16}\ \Phi_5^{13}\ \Phi_4^{20}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
42343	880	315	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{7}{15}$	$\Phi_{315}^3\ \Phi_{105}^3\ \Phi_{63}^4\ \Phi_{35}^3\ \Phi_{21}^4\ \Phi_{15}\ \Phi_7^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
42344	880	879	$\frac{47}{879}$	$\frac{61}{879}$	$\frac{208}{879}$	$\frac{409}{879}$	$\Phi_{879}\ \Phi_{293}\ \Phi_3\ \Phi_1^2$
42345	880	943	$\frac{1}{23}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	Φ_{943}
42346	880	879	$\frac{59}{879}$	$\frac{65}{879}$	$\frac{164}{879}$	$\frac{407}{879}$	$\Phi_{879}\ \Phi_{293}\ \Phi_3\ \Phi_1^2$
42347	880	819	$\frac{2}{63}$	$\frac{61}{819}$	$\frac{1}{3}$	$\frac{379}{819}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{117}\ \Phi_{91}\ \Phi_{63}^2\ \Phi_{39}\ \Phi_{21}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
42348	880	879	$\frac{43}{879}$	$\frac{67}{879}$	$\frac{209}{879}$	$\frac{406}{879}$	$\Phi_{879}\ \Phi_{293}\ \Phi_3\ \Phi_1^2$
42349	880	585	$\frac{7}{117}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{15}^2$
42350	880	510	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{1}{5}$	$\frac{47}{102}$	$\Phi_{510}^4\ \Phi_{170}^4\ \Phi_{85}\ \Phi_{30}^4\ \Phi_{10}^4$
42351	880	979	$\frac{7}{89}$	$\frac{1}{11}$	$\frac{12}{89}$	$\frac{41}{89}$	Φ_{979}
42352	880	879	$\frac{71}{879}$	$\frac{95}{879}$	$\frac{98}{879}$	$\frac{404}{879}$	$\Phi_{879}\ \Phi_{293}\ \Phi_3\ \Phi_1^2$
42353	880	333	$\frac{3}{37}$	$\frac{4}{37}$	$\frac{1}{9}$	$\frac{17}{37}$	$\Phi_{333}^3\ \Phi_{111}^3\ \Phi_9^2\ \Phi_3^2$
42354	880	879	$\frac{73}{879}$	$\frac{76}{879}$	$\frac{119}{879}$	$\frac{403}{879}$	$\Phi_{879}\ \Phi_{293}\ \Phi_3\ \Phi_1^2$
42355	880	354	$\frac{4}{59}$	$\frac{5}{59}$	$\frac{1}{6}$	$\frac{27}{59}$	$\Phi_{354}^3\ \Phi_{177}^3\ \Phi_{118}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
42356	880	1105	$\frac{12}{221}$	$\frac{19}{221}$	$\frac{1}{5}$	$\frac{101}{221}$	$\Phi_{1105}\ \Phi_{85}\ \Phi_{65}$
42357	880	324	$\frac{1}{12}$	$\frac{7}{81}$	$\frac{11}{81}$	$\frac{37}{81}$	$\Phi_{324}^3\ \Phi_{162}^3\ \Phi_{108}^3\ \Phi_{81}^2\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42358	880	879	$\frac{32}{879}$	$\frac{77}{879}$	$\frac{239}{879}$	$\frac{401}{879}$	$\Phi_{879}\ \Phi_{293}\ \Phi_3\ \Phi_1^2$
42359	880	147	$\frac{4}{147}$	$\frac{13}{147}$	$\frac{1}{3}$	$\frac{67}{147}$	$\Phi_{147}^6\ \Phi_{49}^6\ \Phi_{21}^6\ \Phi_7^6\ \Phi_3^5\ \Phi_1^6$
42360	880	293	$\frac{23}{293}$	$\frac{27}{293}$	$\frac{40}{293}$	$\frac{133}{293}$	$\Phi_{293}^3\ \Phi_1^4$
42361	880	1105	$\frac{11}{221}$	$\frac{21}{221}$	$\frac{1}{5}$	$\frac{100}{221}$	$\Phi_{1105}\ \Phi_{85}\ \Phi_{65}$
42362	880	879	$\frac{29}{879}$	$\frac{85}{879}$	$\frac{241}{879}$	$\frac{397}{879}$	$\Phi_{879}\ \Phi_{293}\ \Phi_3\ \Phi_1^2$
42363	880	441	$\frac{11}{441}$	$\frac{43}{441}$	$\frac{1}{3}$	$\frac{199}{441}$	$\Phi_{441}^2\ \Phi_{147}^2\ \Phi_{63}^2\ \Phi_{49}^2\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
42364	880	2460	$\frac{1}{41}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{2460}\ \Phi_{492}\ \Phi_{123}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
42365	880	1580	$\frac{3}{79}$	$\frac{1}{10}$	$\frac{19}{79}$	$\frac{9}{20}$	$\Phi_{1580}\ \Phi_{316}\ \Phi_{79}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
42366	880	420	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{420}^4\ \Phi_{140}^4\ \Phi_{105}\ \Phi_{84}^4\ \Phi_{60}^4\ \Phi_{35}\ \Phi_{28}^4\ \Phi_{15}\ \Phi_{12}^4$
42367	880	1580	$\frac{4}{79}$	$\frac{1}{10}$	$\frac{15}{79}$	$\frac{9}{20}$	$\Phi_{1580}\ \Phi_{316}\ \Phi_{79}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
42368	880	1020	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{1020}^2\ \Phi_{340}\ \Phi_{204}^2\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
42369	880	1580	$\frac{7}{79}$	$\frac{1}{10}$	$\frac{9}{79}$	$\frac{9}{20}$	$\Phi_{1580}\ \Phi_{316}\ \Phi_{79}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
42370	880	1980	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{132}\ \Phi_{99}\ \Phi_{33}$
42371	880	879	$\frac{44}{879}$	$\frac{89}{879}$	$\frac{167}{879}$	$\frac{395}{879}$	$\Phi_{879}\ \Phi_{293}\ \Phi_3\ \Phi_1^2$
42372	880	45	$\frac{1}{45}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{45}^{20}\ \Phi_{15}^{20}\ \Phi_9^{18}\ \Phi_5^{20}\ \Phi_3^{17}\ \Phi_1^{18}$
42373	880	261	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{7}{29}$	$\frac{4}{9}$	$\Phi_{261}^3\ \Phi_{87}^3\ \Phi_{29}^6\ \Phi_9^4\ \Phi_3^4\ \Phi_1^8$
42374	880	1035	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{115}^2$
42375	880	189	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{189}^6\ \Phi_{63}^3\ \Phi_{27}^4\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
42376	880	261	$\frac{7}{87}$	$\frac{1}{9}$	$\frac{10}{87}$	$\frac{4}{9}$	$\Phi_{261}^3\ \Phi_{87}^4\ \Phi_{29}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
42377	880	36	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{36}^{27}\ \Phi_{18}^{27}\ \Phi_{12}^{26}\ \Phi_9^{18}\ \Phi_6^{26}\ \Phi_4^{26}\ \Phi_3^{17}\ \Phi_2^{26}\ \Phi_1^{18}$
42378	880	879	$\frac{71}{879}$	$\frac{98}{879}$	$\frac{101}{879}$	$\frac{389}{879}$	$\Phi_{879}\ \Phi_{293}\ \Phi_3\ \Phi_1^2$
42379	880	354	$\frac{3}{59}$	$\frac{7}{59}$	$\frac{1}{6}$	$\frac{26}{59}$	$\Phi_{354}^3\ \Phi_{177}^3\ \Phi_{118}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
42380	880	294	$\frac{1}{49}$	$\frac{6}{49}$	$\frac{1}{3}$	$\frac{43}{98}$	$\Phi_{294}^8\ \Phi_{147}\ \Phi_{42}^8\ \Phi_{21}\ \Phi_6^8$
42381	880	1666	$\frac{1}{17}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{1666}\ \Phi_{238}\ \Phi_{119}\ \Phi_{34}$
42382	880	1088	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{1088}\ \Phi_{544}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
42383	880	168	$\frac{1}{56}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{168}^8\ \Phi_{84}^8\ \Phi_{42}^8\ \Phi_{24}^8\ \Phi_{21}^7\ \Phi_{12}^8\ \Phi_6^8\ \Phi_3^6$
42384	880	315	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{315}^3\ \Phi_{105}^3\ \Phi_{63}^3\ \Phi_{45}^2\ \Phi_{35}^3\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2$
42385	880	763	$\frac{4}{109}$	$\frac{1}{7}$	$\frac{21}{109}$	$\frac{3}{7}$	$\Phi_{763}\ \Phi_{109}^2\ \Phi_7^2\ \Phi_1^4$
42386	880	966	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{322}\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2$
42387	880	763	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{763}\ \Phi_{109}^2\ \Phi_7^2\ \Phi_1^4$
42388	880	924	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2$
42389	880	1632	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
42390	880	879	$\frac{23}{879}$	$\frac{133}{879}$	$\frac{214}{879}$	$\frac{373}{879}$	$\Phi_{879}\ \Phi_{293}\ \Phi_3\ \Phi_1^2$
42391	880	189	$\frac{1}{63}$	$\frac{31}{189}$	$\frac{1}{3}$	$\frac{79}{189}$	$\Phi_{189}^4\ \Phi_{63}^6\ \Phi_{27}^4\ \Phi_{21}^6\ \Phi_9^6\ \Phi_7^6\ \Phi_3^5\ \Phi_1^6$
42392	880	943	$\frac{1}{23}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	Φ_{943}
42393	880	879	$\frac{47}{879}$	$\frac{104}{879}$	$\frac{155}{879}$	$\frac{362}{879}$	$\Phi_{879}\ \Phi_{293}\ \Phi_3\ \Phi_1^2$
42394	880	952	$\frac{1}{56}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{68}\ \Phi_{34}$
42395	880	879	$\frac{65}{879}$	$\frac{74}{879}$	$\frac{161}{879}$	$\frac{359}{879}$	$\Phi_{879}\ \Phi_{293}\ \Phi_3\ \Phi_1^2$
42396	880	108	$\frac{2}{27}$	$\frac{1}{12}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{108}^9\ \Phi_{54}^9\ \Phi_{36}^9\ \Phi_{27}^6\ \Phi_{18}^9\ \Phi_{12}^8\ \Phi_9^6\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
42397	880	333	$\frac{2}{37}$	$\frac{1}{9}$	$\frac{7}{37}$	$\frac{15}{37}$	$\Phi_{333}^3\ \Phi_{111}^3\ \Phi_9^2\ \Phi_3^2$
42398	880	879	$\frac{34}{879}$	$\frac{131}{879}$	$\frac{169}{879}$	$\frac{355}{879}$	$\Phi_{879}\ \Phi_{293}\ \Phi_3\ \Phi_1^2$
42399	880	1105	$\frac{6}{221}$	$\frac{43}{221}$	$\frac{1}{5}$	$\frac{89}{221}$	$\Phi_{1105}\ \Phi_{85}\ \Phi_{65}$
42400	880	879	$\frac{14}{879}$	$\frac{173}{879}$	$\frac{263}{879}$	$\frac{353}{879}$	$\Phi_{879}\ \Phi_{293}\ \Phi_3\ \Phi_1^2$
42401	880	147	$\frac{2}{147}$	$\frac{29}{147}$	$\frac{1}{3}$	$\frac{59}{147}$	$\Phi_{147}^6\ \Phi_{49}^6\ \Phi_{21}^6\ \Phi_7^6\ \Phi_3^5\ \Phi_1^6$
42402	880	525	$\frac{1}{21}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{35}\ \Phi_{15}$
42403	880	293	$\frac{8}{293}$	$\frac{57}{293}$	$\frac{59}{293}$	$\frac{117}{293}$	$\Phi_{293}^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
42404	880	943	$\frac{1}{23}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	Φ_{943}
42405	880	162	$\frac{1}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{162}^{9}\ \Phi_{81}^{2}\ \Phi_{54}^{9}\ \Phi_{27}^{2}\ \Phi_{18}^{8}\ \Phi_{9}^{2}\ \Phi_{6}^{8}\ \Phi_{3}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
42406	880	126	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{126}^{12}\ \Phi_{63}^{3}\ \Phi_{42}^{12}\ \Phi_{21}^{2}\ \Phi_{18}^{8}\ \Phi_{14}^{12}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{8}\ \Phi_{3}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
42407	880	879	$\frac{49}{879}$	$\frac{83}{879}$	$\frac{199}{879}$	$\frac{340}{879}$	$\Phi_{879}\ \Phi_{293}\ \Phi_{3}\ \Phi_{1}^{2}$
42408	880	293	$\frac{18}{293}$	$\frac{25}{293}$	$\frac{67}{293}$	$\frac{113}{293}$	$\Phi_{293}^{3}\ \Phi_{1}^{4}$
42409	880	324	$\frac{5}{81}$	$\frac{1}{12}$	$\frac{19}{81}$	$\frac{31}{81}$	$\Phi_{324}^{3}\ \Phi_{162}^{3}\ \Phi_{108}^{3}\ \Phi_{81}^{2}\ \Phi_{54}^{3}\ \Phi_{36}^{3}\ \Phi_{27}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
42410	880	979	$\frac{5}{89}$	$\frac{1}{11}$	$\frac{21}{89}$	$\frac{34}{89}$	Φ_{979}
42411	880	879	$\frac{35}{879}$	$\frac{109}{879}$	$\frac{211}{879}$	$\frac{334}{879}$	$\Phi_{879}\ \Phi_{293}\ \Phi_{3}\ \Phi_{1}^{2}$
42412	880	354	$\frac{5}{177}$	$\frac{1}{6}$	$\frac{43}{177}$	$\frac{67}{177}$	$\Phi_{354}^{3}\ \Phi_{177}^{2}\ \Phi_{118}^{3}\ \Phi_{59}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
42413	880	879	$\frac{11}{879}$	$\frac{217}{879}$	$\frac{274}{879}$	$\frac{331}{879}$	$\Phi_{879}\ \Phi_{293}\ \Phi_{3}\ \Phi_{1}^{2}$
42414	880	441	$\frac{5}{441}$	$\frac{109}{441}$	$\frac{1}{3}$	$\frac{166}{441}$	$\Phi_{441}^{2}\ \Phi_{147}^{2}\ \Phi_{63}^{2}\ \Phi_{49}^{2}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
42415	880	2136	$\frac{1}{89}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2136}\ \Phi_{267}$
42416	880	1296	$\frac{1}{81}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
42417	880	1400	$\frac{3}{175}$	$\frac{43}{175}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1400}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{25}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
42418	880	360	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^{4}\ \Phi_{120}^{4}\ \Phi_{72}^{4}\ \Phi_{45}^{4}\ \Phi_{40}^{3}\ \Phi_{24}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
42419	880	840	$\frac{1}{35}$	$\frac{17}{105}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^{2}\ \Phi_{280}\ \Phi_{168}^{2}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
42420	880	728	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{728}^{2}\ \Phi_{104}^{2}\ \Phi_{91}^{2}\ \Phi_{56}\ \Phi_{13}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
42421	880	200	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{200}^{7}\ \Phi_{40}^{7}\ \Phi_{25}^{7}\ \Phi_{8}^{8}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
42422	880	1656	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{207}\ \Phi_{69}$
42423	880	280	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^{5}\ \Phi_{56}^{5}\ \Phi_{40}^{5}\ \Phi_{35}^{5}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
42424	880	408	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^{4}\ \Phi_{204}\ \Phi_{136}^{3}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
42425	880	1428	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{238}\ \Phi_{204}\ \Phi_{119}\ \Phi_{68}\ \Phi_{34}$
42426	880	111	$\frac{1}{111}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{111}^{8}\ \Phi_{37}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
42427	880	657	$\frac{2}{219}$	$\frac{217}{657}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{657}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
42428	880	219	$\frac{1}{73}$	$\frac{18}{73}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{219}^{3}\ \Phi_{73}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
42429	880	840	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}^{2}\ \Phi_{210}\ \Phi_{140}^{2}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}^{2}\ \Phi_{60}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
42430	880	219	$\frac{4}{219}$	$\frac{43}{219}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{219}^{4}\ \Phi_{73}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
42431	880	90	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{90}^{12}\ \Phi_{45}^{8}\ \Phi_{30}^{12}\ \Phi_{18}^{12}\ \Phi_{15}^{8}\ \Phi_{10}^{12}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
42432	880	171	$\frac{2}{57}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{171}^{6}\ \Phi_{57}^{4}\ \Phi_{19}^{4}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
42433	880	219	$\frac{3}{73}$	$\frac{7}{73}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{219}^{3}\ \Phi_{73}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
42434	880	759	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{759}\ \Phi_{253}^{2}$
42435	880	219	$\frac{10}{219}$	$\frac{19}{219}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{219}^{4}\ \Phi_{73}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
42436	880	84	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{84}^{12}\ \Phi_{42}^{12}\ \Phi_{28}^{12}\ \Phi_{21}^{8}\ \Phi_{14}^{12}\ \Phi_{12}^{8}\ \Phi_{7}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
42437	880	567	$\frac{1}{63}$	$\frac{127}{567}$	$\frac{62}{189}$	$\frac{1}{3}$	$\Phi_{567}^{2}\ \Phi_{81}^{2}\ \Phi_{63}^{2}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
42438	880	522	$\frac{2}{87}$	$\frac{1}{6}$	$\frac{85}{261}$	$\frac{1}{3}$	$\Phi_{522}^{3}\ \Phi_{261}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
42439	880	651	$\frac{6}{217}$	$\frac{1}{7}$	$\frac{211}{651}$	$\frac{1}{3}$	$\Phi_{651}\ \Phi_{217}^{2}\ \Phi_{93}\ \Phi_{31}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
42440	880	81	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{81}^{16}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
42441	880	468	$\frac{2}{39}$	$\frac{1}{12}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{117}^{2}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
42442	880	63	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{63}^{20}\ \Phi_{21}^{2}\ \Phi_{9}^{20}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
42443	880	459	$\frac{19}{459}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{459}^{2}\ \Phi_{153}^{2}\ \Phi_{51}^{2}\ \Phi_{17}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
42444	880	273	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{273}^{5}\ \Phi_{39}^{5}\ \Phi_{21}^{3}\ \Phi_{3}^{2}$
42445	880	615	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{615}\ \Phi_{205}^{2}\ \Phi_{123}^{2}\ \Phi_{41}^{2}$
42446	880	135	$\frac{1}{45}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{135}^{9}\ \Phi_{45}^{2}\ \Phi_{27}^{8}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
42447	880	147	$\frac{1}{49}$	$\frac{12}{49}$	$\frac{37}{147}$	$\frac{1}{3}$	$\Phi_{147}^{5}\ \Phi_{49}^{8}\ \Phi_{21}^{5}\ \Phi_{7}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
42448	880	174	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{7}{29}$	$\frac{1}{3}$	$\Phi_{174}^{6}\ \Phi_{87}^{3}\ \Phi_{58}^{6}\ \Phi_{29}^{6}\ \Phi_{6}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
42449	880	441	$\frac{17}{441}$	$\frac{67}{441}$	$\frac{106}{441}$	$\frac{1}{3}$	$\Phi_{441}^{2}\ \Phi_{147}^{2}\ \Phi_{63}^{2}\ \Phi_{49}^{2}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
42450	880	63	$\frac{1}{21}$	$\frac{8}{63}$	$\frac{5}{21}$	$\frac{1}{3}$	$\Phi_{63}^{16}\ \Phi_{21}^{10}\ \Phi_{9}^{16}\ \Phi_{7}^{10}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
42451	880	72	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{72}^{16}\ \Phi_{36}^{16}\ \Phi_{24}^{16}\ \Phi_{12}^{16}\ \Phi_{9}^{2}\ \Phi_{8}^{16}\ \Phi_{4}^{16}\ \Phi_{3}\ \Phi_{1}^{2}$
42452	880	1419	$\frac{3}{43}$	$\frac{1}{11}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{1419}\ \Phi_{33}^{2}$
42453	880	156	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{156}^{6}\ \Phi_{78}^{6}\ \Phi_{52}^{6}\ \Phi_{39}^{3}\ \Phi_{26}^{6}\ \Phi_{13}^{6}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
42454	880	441	$\frac{34}{441}$	$\frac{37}{441}$	$\frac{101}{441}$	$\frac{1}{3}$	$\Phi_{441}^{2}\ \Phi_{147}^{2}\ \Phi_{63}^{2}\ \Phi_{49}^{2}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
42455	880	441	$\frac{31}{441}$	$\frac{41}{441}$	$\frac{100}{441}$	$\frac{1}{3}$	$\Phi_{441}^{2}\ \Phi_{147}^{2}\ \Phi_{63}^{2}\ \Phi_{49}^{2}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
42456	880	117	$\frac{7}{117}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{117}^{8}\ \Phi_{39}^{8}\ \Phi_{13}^{8}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
42457	880	42	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{42}^{26}\ \Phi_{21}^{15}\ \Phi_{14}^{28}\ \Phi_{7}^{16}\ \Phi_{6}^{26}\ \Phi_{3}^{14}\ \Phi_{2}^{28}\ \Phi_{1}^{16}$
42458	880	1311	$\frac{1}{23}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{1311}\ \Phi_{69}^{2}$
42459	880	441	$\frac{16}{441}$	$\frac{85}{441}$	$\frac{89}{441}$	$\frac{1}{3}$	$\Phi_{441}^{2}\ \Phi_{147}^{2}\ \Phi_{63}^{2}\ \Phi_{49}^{2}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
42460	880	285	$\frac{2}{57}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{285}^{3}\ \Phi_{95}^{3}\ \Phi_{57}^{4}\ \Phi_{19}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
42461	880	1635	$\frac{4}{109}$	$\frac{21}{109}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1635}\ \Phi_{15}^{2}$
42462	880	690	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{690}^{2}\ \Phi_{345}\ \Phi_{230}^{2}\ \Phi_{115}^{2}$
42463	880	1635	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1635}\ \Phi_{15}^{2}$
42464	880	660	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{2}\ \Phi_{165}\ \Phi_{110}^{2}\ \Phi_{55}^{2}$
42465	880	105	$\frac{1}{21}$	$\frac{17}{105}$	$\frac{4}{21}$	$\frac{1}{3}$	$\Phi_{105}^{10}\ \Phi_{35}^{10}\ \Phi_{21}^{2}\ \Phi_{15}^{10}\ \Phi_{7}^{2}\ \Phi_{5}^{10}\ \Phi_{3}\ \Phi_{1}^{2}$
42466	880	27	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{1}{3}$	$\Phi_{27}^{32}\ \Phi_{9}^{34}\ \Phi_{3}^{33}\ \Phi_{1}^{34}$
42467	880	147	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{1}{3}$	$\Phi_{147}^{9}\ \Phi_{21}^{9}\ \Phi_{3}^{8}$
42468	880	156	$\frac{1}{12}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{156}^{6}\ \Phi_{78}^{6}\ \Phi_{52}^{6}\ \Phi_{39}^{4}\ \Phi_{26}^{6}\ \Phi_{13}^{4}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
42469	880	147	$\frac{11}{147}$	$\frac{17}{147}$	$\frac{26}{147}$	$\frac{1}{3}$	$\Phi_{147}^{6}\ \Phi_{49}^{6}\ \Phi_{21}^{6}\ \Phi_{7}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
42470	880	174	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{174}^{6}\ \Phi_{87}^{4}\ \Phi_{58}^{6}\ \Phi_{29}^{4}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
42471	880	36	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{36}^{30}\ \Phi_{18}^{24}\ \Phi_{12}^{20}\ \Phi_{9}^{26}\ \Phi_{6}^{16}\ \Phi_{4}^{20}\ \Phi_{3}^{17}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
42472	880	243	$\frac{23}{243}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{243}^{4}\ \Phi_{81}^{4}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
42473	880	63	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{3}$	$\Phi_{63}^{16}\ \Phi_{21}^{16}\ \Phi_{9}^{2}\ \Phi_{7}^{16}\ \Phi_{3}\ \Phi_{1}^{2}$
42474	880	405	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{26}{81}$	$\Phi_{405}^{3}\ \Phi_{81}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
42475	880	255	$\frac{1}{17}$	$\frac{7}{51}$	$\frac{1}{5}$	$\frac{16}{51}$	$\Phi_{255}^{4}\ \Phi_{85}^{5}\ \Phi_{15}^{4}\ \Phi_{5}^{4}$
42476	880	390	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{5}$	$\frac{23}{78}$	$\Phi_{390}^{4}\ \Phi_{195}^{4}\ \Phi_{65}\ \Phi_{30}^{4}\ \Phi_{15}^{4}$
42477	880	1224	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
42478	880	238	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{238}^{5}\ \Phi_{119}^{3}\ \Phi_{34}^{5}\ \Phi_{17}^{2}$
42479	880	765	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{1}{5}$	$\frac{43}{153}$	$\Phi_{765}^{2}\ \Phi_{85}\ \Phi_{45}^{2}$
42480	880	1185	$\frac{3}{79}$	$\frac{1}{5}$	$\frac{19}{79}$	$\frac{4}{15}$	$\Phi_{1185}\ \Phi_{237}\ \Phi_{79}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
42481	880	105	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{105}^{9}\ \Phi_{35}^{9}\ \Phi_{21}^{8}\ \Phi_{15}^{5}\ \Phi_{7}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
42482	880	1185	$\frac{4}{79}$	$\frac{15}{79}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1185}\ \Phi_{237}\ \Phi_{79}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
42483	880	510	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{510}^{2}\ \Phi_{255}\ \Phi_{170}^{2}\ \Phi_{102}^{3}\ \Phi_{85}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{3}\ \Phi_{17}^{2}$
42484	880	1185	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1185}\ \Phi_{237}\ \Phi_{79}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
42485	880	495	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{495}^{2}\ \Phi_{165}\ \Phi_{99}^{3}\ \Phi_{55}^{2}\ \Phi_{33}^{2}\ \Phi_{11}^{2}$
42486	880	108	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{108}^{12}\ \Phi_{54}^{12}\ \Phi_{36}^{3}\ \Phi_{27}^{8}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
42487	880	360	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{17}{72}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{3}\ \Phi_{72}^{4}\ \Phi_{60}^{3}\ \Phi_{40}^{3}\ \Phi_{36}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{3}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
42488	880	340	$\frac{1}{17}$	$\frac{13}{68}$	$\frac{1}{5}$	$\frac{4}{17}$	$\Phi_{340}^{4}\ \Phi_{170}^{4}\ \Phi_{85}\ \Phi_{20}^{4}\ \Phi_{10}^{4}$
42489	880	817	$\frac{3}{43}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{10}{43}$	$\Phi_{817}\ \Phi_{43}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
42490	880	1290	$\frac{3}{43}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{10}{43}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{430}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
42491	880	293	$\frac{21}{293}$	$\frac{45}{293}$	$\frac{62}{293}$	$\frac{68}{293}$	$\Phi_{293}^{3}\ \Phi_{1}^{4}$
42492	880	354	$\frac{13}{177}$	$\frac{1}{6}$	$\frac{34}{177}$	$\frac{41}{177}$	$\Phi_{354}^{3}\ \Phi_{177}^{2}\ \Phi_{118}^{3}\ \Phi_{59}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
42493	880	879	$\frac{67}{879}$	$\frac{142}{879}$	$\frac{169}{879}$	$\frac{203}{879}$	$\Phi_{879}\ \Phi_{293}\ \Phi_{3}\ \Phi_{1}^{2}$
42494	880	182	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{3}{13}$	$\Phi_{182}^{6}\ \Phi_{91}^{3}\ \Phi_{26}^{6}\ \Phi_{14}^{8}\ \Phi_{13}^{6}\ \Phi_{7}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
42495	880	65	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{5}$	$\frac{3}{13}$	$\Phi_{65}^{17}\ \Phi_{5}^{16}$
42496	880	770	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{770}^{2}\ \Phi_{385}\ \Phi_{110}^{2}\ \Phi_{55}^{2}$
42497	880	546	$\frac{4}{39}$	$\frac{1}{7}$	$\frac{7}{39}$	$\frac{3}{14}$	$\Phi_{546}^{2}\ \Phi_{273}\ \Phi_{182}^{2}\ \Phi_{91}\ \Phi_{78}^{2}\ \Phi_{42}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{2}\ \Phi_{21}\ \Phi_{14}^{4}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
42498	880	126	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{126}^{7}\ \Phi_{63}^{8}\ \Phi_{42}^{4}\ \Phi_{21}^{5}\ \Phi_{18}^{10}\ \Phi_{14}^{6}\ \Phi_{9}^{10}\ \Phi_{7}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
42499	880	1140	$\frac{1}{12}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
42500	880	324	$\frac{1}{12}$	$\frac{13}{81}$	$\frac{16}{81}$	$\frac{17}{81}$	$\Phi_{324}^{3}\ \Phi_{162}^{3}\ \Phi_{108}^{3}\ \Phi_{81}^{2}\ \Phi_{54}^{3}\ \Phi_{36}^{3}\ \Phi_{27}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
42501	880	879	$\frac{64}{879}$	$\frac{163}{879}$	$\frac{175}{879}$	$\frac{179}{879}$	$\Phi_{879}\ \Phi_{293}\ \Phi_{3}\ \Phi_{1}^{2}$
42502	880	1105	$\frac{16}{221}$	$\frac{41}{221}$	$\frac{1}{5}$	$\frac{45}{221}$	$\Phi_{1105}\ \Phi_{85}\ \Phi_{65}$
42503	880	135	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{135}^{6}\ \Phi_{45}^{6}\ \Phi_{27}^{8}\ \Phi_{15}^{6}\ \Phi_{9}^{8}\ \Phi_{5}^{9}\ \Phi_{3}^{8}\ \Phi_{1}^{12}$
42504	880	60	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{60}^{15}\ \Phi_{30}^{12}\ \Phi_{20}^{15}\ \Phi_{15}^{12}\ \Phi_{12}^{20}\ \Phi_{10}^{12}\ \Phi_{6}^{16}\ \Phi_{5}^{15}\ \Phi_{4}^{20}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{20}$
42505	880	315	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{315}^{3}\ \Phi_{105}^{3}\ \Phi_{63}^{4}\ \Phi_{35}^{3}\ \Phi_{21}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
42506	880	255	$\frac{2}{17}$	$\frac{7}{51}$	$\frac{3}{17}$	$\frac{1}{5}$	$\Phi_{255}^{5}\ \Phi_{85}^{3}\ \Phi_{15}^{5}\ \Phi_{5}^{2}$
42507	881	1408	$\frac{1}{176}$	$\frac{177}{704}$	$\frac{527}{1408}$	$\frac{175}{352}$	$\Phi_{1408}\ \Phi_{352}\ \Phi_{128}\ \Phi_{32}\ \Phi_{1}$
42508	881	1600	$\frac{1}{80}$	$\frac{81}{800}$	$\frac{719}{1600}$	$\frac{79}{160}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{160}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
42509	881	1740	$\frac{11}{870}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{859}{1740}$	$\Phi_{1740}\ \Phi_{580}\ \Phi_{348}\ \Phi_{116}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
42510	881	1180	$\frac{4}{295}$	$\frac{1}{5}$	$\frac{299}{1180}$	$\frac{291}{590}$	$\Phi_{1180}\ \Phi_{295}\ \Phi_{236}\ \Phi_{59}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
42511	881	1728	$\frac{17}{864}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{847}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
42512	881	1728	$\frac{17}{864}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{847}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
42513	881	1184	$\frac{7}{296}$	$\frac{1}{8}$	$\frac{303}{1184}$	$\frac{289}{592}$	$\Phi_{1184}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}\ \Phi_{37}\ \Phi_{32}\ \Phi_{1}$
42514	881	1716	$\frac{23}{858}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{835}{1716}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{156}\ \Phi_{132}\ \Phi_{52}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
42515	881	1188	$\frac{10}{297}$	$\frac{1}{11}$	$\frac{307}{1188}$	$\frac{287}{594}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{297}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{27}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
42516	881	952	$\frac{3}{68}$	$\frac{71}{952}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{119}\ \Phi_{68}\ \Phi_{56}\ \Phi_{34}\ \Phi_{28}\ \Phi_{17}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
42517	881	1680	$\frac{41}{840}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{799}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
42518	881	936	$\frac{3}{52}$	$\frac{55}{936}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{24}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
42519	881	1664	$\frac{3}{52}$	$\frac{49}{832}$	$\frac{1}{4}$	$\frac{783}{1664}$	$\Phi_{1664}\ \Phi_{128}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
42520	881	1664	$\frac{49}{832}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{783}{1664}$	$\Phi_{1664}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
42521	881	1152	$\frac{17}{288}$	$\frac{1}{16}$	$\frac{271}{1152}$	$\frac{15}{32}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
42522	881	960	$\frac{1}{16}$	$\frac{79}{960}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
42523	881	1200	$\frac{1}{20}$	$\frac{19}{300}$	$\frac{319}{1200}$	$\frac{281}{600}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{30}\ \Phi_{25}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
42524	881	1632	$\frac{3}{68}$	$\frac{65}{816}$	$\frac{1}{4}$	$\frac{751}{1632}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{96}\ \Phi_{68}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{1}$
42525	881	990	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{109}{990}$	$\frac{89}{198}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
42526	881	1600	$\frac{1}{20}$	$\frac{81}{800}$	$\frac{19}{100}$	$\frac{719}{1600}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{25}\ \Phi_{1}$
42527	881	1080	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{199}{1080}$	$\frac{161}{360}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
42528	881	1584	$\frac{1}{44}$	$\frac{89}{792}$	$\frac{43}{132}$	$\frac{703}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
42529	881	1584	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{792}$	$\frac{703}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{48}\ \Phi_{33}\ \Phi_{16}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
42530	881	1024	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{143}{1024}$	$\frac{113}{256}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
42531	881	1568	$\frac{1}{16}$	$\frac{97}{784}$	$\frac{15}{112}$	$\frac{687}{1568}$	$\Phi_{1568}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
42532	881	1232	$\frac{1}{44}$	$\frac{43}{308}$	$\frac{351}{1232}$	$\frac{265}{616}$	$\Phi_{1232}\ \Phi_{308}\ \Phi_{176}\ \Phi_{154}\ \Phi_{112}\ \Phi_{77}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
42533	881	1536	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{113}{768}$	$\frac{655}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
42534	881	1000	$\frac{1}{20}$	$\frac{119}{1000}$	$\frac{19}{100}$	$\frac{81}{200}$	$\Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{1}$
42535	881	1440	$\frac{1}{80}$	$\frac{161}{720}$	$\frac{79}{240}$	$\frac{559}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
42536	881	1440	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{161}{720}$	$\frac{559}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{96}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
42537	881	1280	$\frac{1}{80}$	$\frac{79}{320}$	$\frac{399}{1280}$	$\frac{241}{640}$	$\Phi_{1280}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
42538	881	900	$\frac{19}{900}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
42539	881	912	$\frac{31}{912}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
42540	881	924	$\frac{43}{924}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
42541	881	1344	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{209}{672}$	$\frac{463}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
42542	881	960	$\frac{1}{20}$	$\frac{79}{960}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
42543	881	1056	$\frac{1}{44}$	$\frac{175}{1056}$	$\frac{43}{132}$	$\frac{89}{264}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
42544	881	1320	$\frac{1}{110}$	$\frac{109}{330}$	$\frac{439}{1320}$	$\frac{221}{660}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{120}\ \Phi_{88}\ \Phi_{66}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
42545	881	1188	$\frac{1}{44}$	$\frac{89}{396}$	$\frac{307}{1188}$	$\frac{43}{132}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{132}\ \Phi_{108}\ \Phi_{66}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
42546	881	1305	$\frac{11}{435}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{424}{1305}$	$\Phi_{1305}\ \Phi_{261}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
42547	881	1296	$\frac{17}{432}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{415}{1296}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
42548	881	1020	$\frac{3}{68}$	$\frac{139}{1020}$	$\frac{1}{4}$	$\frac{65}{204}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{34}\ \Phi_{30}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
42549	881	1260	$\frac{1}{20}$	$\frac{41}{420}$	$\frac{379}{1260}$	$\frac{19}{60}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
42550	881	1287	$\frac{23}{429}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{406}{1287}$	$\Phi_{1287}\ \Phi_{117}\ \Phi_{99}\ \Phi_{33}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
42551	881	1152	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{271}{1152}$	$\frac{113}{384}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
42552	881	1248	$\frac{3}{52}$	$\frac{49}{416}$	$\frac{1}{4}$	$\frac{367}{1248}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
42553	881	936	$\frac{55}{936}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
42554	881	1152	$\frac{17}{288}$	$\frac{1}{8}$	$\frac{271}{1152}$	$\frac{7}{24}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
42555	881	1080	$\frac{17}{216}$	$\frac{1}{8}$	$\frac{199}{1080}$	$\frac{7}{24}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
42556	881	960	$\frac{79}{960}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
42557	881	1008	$\frac{17}{144}$	$\frac{1}{8}$	$\frac{127}{1008}$	$\frac{7}{24}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
42558	881	1224	$\frac{3}{68}$	$\frac{65}{408}$	$\frac{1}{4}$	$\frac{343}{1224}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{72}\ \Phi_{68}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_9\ \Phi_1$
42559	881	1200	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{81}{400}$	$\frac{319}{1200}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
42560	881	1188	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{396}$	$\frac{307}{1188}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{108}\ \Phi_{99}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1$
42561	881	1088	$\frac{3}{68}$	$\frac{207}{1088}$	$\frac{65}{272}$	$\frac{1}{4}$	$\Phi_{1088}\ \Phi_{544}\ \Phi_{68}\ \Phi_{64}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_1$
42562	881	1040	$\frac{3}{52}$	$\frac{159}{1040}$	$\frac{49}{208}$	$\frac{1}{4}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_1$
42563	882	1460	$\frac{1}{146}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{145}{292}$	$\Phi_{1460}\ \Phi_{292}^2\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
42564	882	876	$\frac{1}{146}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{145}{292}$	$\Phi_{876}\ \Phi_{438}^2\ \Phi_{219}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
42565	882	1500	$\frac{1}{125}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{62}{125}$	$\Phi_{1500}\ \Phi_{500}\ \Phi_{300}\ \Phi_{125}\ \Phi_{100}\ \Phi_{60}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
42566	882	1125	$\frac{1}{125}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{62}{125}$	$\Phi_{1125}\ \Phi_{225}\ \Phi_{125}\ \Phi_{45}\ \Phi_{25}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
42567	882	1552	$\frac{1}{97}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{48}{97}$	$\Phi_{1552}\ \Phi_{97}\ \Phi_{16}^2\ \Phi_1^2$
42568	882	388	$\frac{1}{97}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{48}{97}$	$\Phi_{388}^2\ \Phi_{194}^2\ \Phi_{97}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
42569	882	580	$\frac{2}{145}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{143}{290}$	$\Phi_{580}^2\ \Phi_{145}^2\ \Phi_{116}^2\ \Phi_{29}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
42570	882	881	$\frac{13}{881}$	$\frac{149}{881}$	$\frac{244}{881}$	$\frac{434}{881}$	$\Phi_{881}\ \Phi_1^2$
42571	882	1612	$\frac{1}{62}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{61}{124}$	$\Phi_{1612}\ \Phi_{124}^2\ \Phi_{52}\ \Phi_{13}\ \Phi_4^2\ \Phi_1^2$
42572	882	744	$\frac{1}{62}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{61}{124}$	$\Phi_{744}^2\ \Phi_{372}\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
42573	882	236	$\frac{1}{59}$	$\frac{10}{59}$	$\frac{1}{4}$	$\frac{29}{59}$	$\Phi_{236}^5\ \Phi_{118}^5\ \Phi_4^4\ \Phi_2^4$
42574	882	1632	$\frac{1}{48}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{47}{96}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{17}\ \Phi_1^2$
42575	882	480	$\frac{1}{48}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{480}^4\ \Phi_{160}^4\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
42576	882	1632	$\frac{1}{48}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{47}{96}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{17}\ \Phi_1^2$
42577	882	672	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{47}{96}$	$\Phi_{672}^3\ \Phi_{224}^3\ \Phi_{28}\ \Phi_{14}$
42578	882	1640	$\frac{1}{41}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{20}{41}$	$\Phi_{1640}\ \Phi_{328}\ \Phi_{41}\ \Phi_{40}^2\ \Phi_8^2\ \Phi_1^2$
42579	882	410	$\frac{1}{41}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{20}{41}$	$\Phi_{410}^2\ \Phi_{205}^2\ \Phi_{82}^2\ \Phi_{41}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
42580	882	328	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{20}{41}$	$\Phi_{328}^3\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{41}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
42581	882	1025	$\frac{1}{41}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{20}{41}$	$\Phi_{1025}\ \Phi_{41}\ \Phi_{25}^2\ \Phi_1^2$
42582	882	858	$\frac{4}{143}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{139}{286}$	$\Phi_{858}^3\ \Phi_{78}^3\ \Phi_{66}^3\ \Phi_{39}\ \Phi_6^3$
42583	882	204	$\frac{1}{34}$	$\frac{5}{68}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{204}^6\ \Phi_{102}^7\ \Phi_{51}^7\ \Phi_{12}^6\ \Phi_6^7\ \Phi_3^6$
42584	882	330	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{330}^3\ \Phi_{165}^3\ \Phi_{110}^3\ \Phi_{66}\ \Phi_{55}^3\ \Phi_{33}^2\ \Phi_{30}^3\ \Phi_{22}\ \Phi_{15}^3\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
42585	882	881	$\frac{29}{881}$	$\frac{65}{881}$	$\frac{272}{881}$	$\frac{426}{881}$	$\Phi_{881}\ \Phi_1^2$
42586	882	2550	$\frac{16}{425}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{409}{850}$	$\Phi_{2550}\ \Phi_{510}\ \Phi_{150}\ \Phi_{102}\ \Phi_{51}\ \Phi_{30}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
42587	882	156	$\frac{1}{26}$	$\frac{3}{52}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{156}^{8}\ \Phi_{78}^{9}\ \Phi_{39}^{9}\ \Phi_{12}^{8}\ \Phi_{6}^{9}\ \Phi_{3}^{8}$
42588	882	1016	$\frac{5}{127}$	$\frac{1}{8}$	$\frac{22}{127}$	$\frac{61}{127}$	$\Phi_{1016}\ \Phi_{508}\ \Phi_{254}$
42589	882	881	$\frac{37}{881}$	$\frac{104}{881}$	$\frac{153}{881}$	$\frac{422}{881}$	$\Phi_{881}\ \Phi_{1}^{2}$
42590	882	1180	$\frac{13}{295}$	$\frac{22}{295}$	$\frac{1}{4}$	$\frac{141}{295}$	$\Phi_{1180}\ \Phi_{590}\ \Phi_{236}\ \Phi_{118}\ \Phi_{20}\ \Phi_{10}$
42591	882	1320	$\frac{1}{22}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{1320}^{2}\ \Phi_{264}^{2}\ \Phi_{120}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{6}$
42592	882	1640	$\frac{2}{41}$	$\frac{1}{20}$	$\frac{13}{41}$	$\frac{19}{40}$	$\Phi_{1640}\ \Phi_{328}\ \Phi_{41}\ \Phi_{40}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
42593	882	120	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{120}^{15}\ \Phi_{60}\ \Phi_{40}^{12}\ \Phi_{30}\ \Phi_{24}^{15}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}^{12}\ \Phi_{6}$
42594	882	1640	$\frac{1}{20}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{19}{40}$	$\Phi_{1640}\ \Phi_{328}\ \Phi_{41}\ \Phi_{40}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
42595	882	280	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{19}{40}$	$\Phi_{280}^{3}\ \Phi_{140}^{4}\ \Phi_{70}^{4}\ \Phi_{56}^{4}\ \Phi_{35}^{4}\ \Phi_{28}^{5}\ \Phi_{14}^{5}\ \Phi_{7}^{4}$
42596	882	51	$\frac{2}{51}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{51}^{17}\ \Phi_{17}^{18}\ \Phi_{3}^{16}\ \Phi_{1}^{18}$
42597	882	1224	$\frac{1}{24}$	$\frac{1}{17}$	$\frac{23}{72}$	$\frac{8}{17}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{17}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
42598	882	884	$\frac{3}{52}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{884}\ \Phi_{442}\ \Phi_{221}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{17}\ \Phi_{13}^{2}\ \Phi_{1}^{2}$
42599	882	1088	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{8}{17}$	$\Phi_{1088}\ \Phi_{544}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{17}\ \Phi_{1}^{2}$
42600	882	1020	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{8}{17}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{85}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{17}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
42601	882	918	$\frac{1}{17}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{918}\ \Phi_{459}\ \Phi_{306}\ \Phi_{153}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{17}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
42602	882	136	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{8}{17}$	$\Phi_{136}^{6}\ \Phi_{68}^{6}\ \Phi_{34}^{6}\ \Phi_{17}^{7}\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
42603	882	2496	$\frac{1}{26}$	$\frac{25}{416}$	$\frac{1}{3}$	$\frac{391}{832}$	$\Phi_{2496}\ \Phi_{192}\ \Phi_{78}\ \Phi_{39}\ \Phi_{6}$
42604	882	403	$\frac{1}{31}$	$\frac{1}{13}$	$\frac{10}{31}$	$\frac{6}{13}$	$\Phi_{403}^{2}\ \Phi_{31}^{4}\ \Phi_{13}^{3}\ \Phi_{1}^{6}$
42605	882	572	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{572}^{2}\ \Phi_{286}\ \Phi_{143}\ \Phi_{52}\ \Phi_{44}^{4}\ \Phi_{22}^{2}\ \Phi_{13}\ \Phi_{11}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
42606	882	403	$\frac{1}{13}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{6}{13}$	$\Phi_{403}^{2}\ \Phi_{31}^{4}\ \Phi_{13}^{3}\ \Phi_{1}^{6}$
42607	882	520	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{6}{13}$	$\Phi_{520}^{2}\ \Phi_{260}^{2}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}^{4}\ \Phi_{20}^{4}\ \Phi_{13}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
42608	882	816	$\frac{1}{34}$	$\frac{11}{136}$	$\frac{1}{3}$	$\frac{125}{272}$	$\Phi_{816}^{3}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}^{3}\ \Phi_{6}$
42609	882	1710	$\frac{1}{19}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{1710}\ \Phi_{570}\ \Phi_{342}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{38}$
42610	882	90	$\frac{4}{45}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{41}{90}$	$\Phi_{90}^{9}\ \Phi_{45}^{11}\ \Phi_{30}^{9}\ \Phi_{18}^{9}\ \Phi_{15}^{11}\ \Phi_{10}^{8}\ \Phi_{9}^{10}\ \Phi_{6}^{9}\ \Phi_{5}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
42611	882	110	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{6}{55}$	$\frac{5}{11}$	$\Phi_{110}^{9}\ \Phi_{55}^{7}\ \Phi_{22}^{9}\ \Phi_{11}^{8}\ \Phi_{10}^{8}\ \Phi_{5}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
42612	882	881	$\frac{23}{881}$	$\frac{85}{881}$	$\frac{286}{881}$	$\frac{398}{881}$	$\Phi_{881}\ \Phi_{1}^{2}$
42613	882	881	$\frac{69}{881}$	$\frac{85}{881}$	$\frac{116}{881}$	$\frac{398}{881}$	$\Phi_{881}\ \Phi_{1}^{2}$
42614	882	1140	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{57}\ \Phi_{38}$
42615	882	1016	$\frac{10}{127}$	$\frac{13}{127}$	$\frac{1}{8}$	$\frac{57}{127}$	$\Phi_{1016}\ \Phi_{508}\ \Phi_{254}$
42616	882	270	$\frac{5}{54}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{270}^{4}\ \Phi_{135}^{4}\ \Phi_{90}^{3}\ \Phi_{54}^{2}\ \Phi_{45}^{3}\ \Phi_{30}^{3}\ \Phi_{27}^{2}\ \Phi_{18}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
42617	882	440	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{44}$	$\frac{39}{88}$	$\Phi_{440}^{4}\ \Phi_{110}\ \Phi_{88}^{2}\ \Phi_{55}\ \Phi_{40}^{4}\ \Phi_{22}\ \Phi_{8}^{2}$
42618	882	946	$\frac{1}{22}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{946}\ \Phi_{473}\ \Phi_{86}$
42619	882	881	$\frac{55}{881}$	$\frac{109}{881}$	$\frac{118}{881}$	$\frac{386}{881}$	$\Phi_{881}\ \Phi_{1}^{2}$
42620	882	1200	$\frac{1}{50}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1200}^{2}\ \Phi_{240}^{2}\ \Phi_{150}\ \Phi_{75}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
42621	882	1552	$\frac{6}{97}$	$\frac{1}{8}$	$\frac{13}{97}$	$\frac{7}{16}$	$\Phi_{1552}\ \Phi_{97}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
42622	882	240	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{240}^{7}\ \Phi_{120}\ \Phi_{80}^{7}\ \Phi_{60}\ \Phi_{48}^{7}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
42623	882	881	$\frac{71}{881}$	$\frac{90}{881}$	$\frac{113}{881}$	$\frac{384}{881}$	$\Phi_{881}\ \Phi_{1}^{2}$
42624	882	990	$\frac{8}{99}$	$\frac{1}{10}$	$\frac{13}{99}$	$\frac{43}{99}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}\ \Phi_{66}\ \Phi_{55}\ \Phi_{45}\ \Phi_{30}\ \Phi_{22}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
42625	882	1016	$\frac{8}{127}$	$\frac{1}{8}$	$\frac{17}{127}$	$\frac{55}{127}$	$\Phi_{1016}\ \Phi_{508}\ \Phi_{254}$
42626	882	881	$\frac{34}{881}$	$\frac{121}{881}$	$\frac{167}{881}$	$\frac{380}{881}$	$\Phi_{881}\ \Phi_{1}^{2}$
42627	882	1180	$\frac{8}{295}$	$\frac{41}{295}$	$\frac{1}{4}$	$\frac{127}{295}$	$\Phi_{1180}\ \Phi_{590}\ \Phi_{236}\ \Phi_{118}\ \Phi_{20}\ \Phi_{10}$
42628	882	192	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{192}^{5}\ \Phi_{96}^{5}\ \Phi_{64}^{4}\ \Phi_{48}^{5}\ \Phi_{32}^{4}\ \Phi_{24}^{5}\ \Phi_{16}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
42629	882	1500	$\frac{2}{125}$	$\frac{1}{6}$	$\frac{41}{125}$	$\frac{5}{12}$	$\Phi_{1500}\ \Phi_{500}\ \Phi_{300}\ \Phi_{125}\ \Phi_{100}\ \Phi_{60}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
42630	882	516	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{516}\ \Phi_{258}^{2}\ \Phi_{172}^{2}\ \Phi_{129}^{2}\ \Phi_{86}^{3}\ \Phi_{43}^{2}$
42631	882	780	$\frac{2}{65}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{780}^{2}\ \Phi_{260}^{2}\ \Phi_{156}^{2}\ \Phi_{65}^{2}\ \Phi_{60}\ \Phi_{52}^{2}\ \Phi_{20}\ \Phi_{13}^{2}\ \Phi_{12}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
42632	882	300	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{300}^{5}\ \Phi_{100}^{5}\ \Phi_{60}^{5}\ \Phi_{25}^{5}\ \Phi_{20}^{5}\ \Phi_{12}^{6}\ \Phi_{5}^{5}\ \Phi_{4}^{6}\ \Phi_{1}^{6}$
42633	882	924	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{924}^{2}\ \Phi_{308}^{2}\ \Phi_{154}\ \Phi_{84}\ \Phi_{77}\ \Phi_{28}\ \Phi_{14}$
42634	882	1500	$\frac{6}{125}$	$\frac{17}{125}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1500}\ \Phi_{500}\ \Phi_{300}\ \Phi_{125}\ \Phi_{100}\ \Phi_{60}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
42635	882	456	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{456}^{2}\ \Phi_{228}\ \Phi_{152}^{3}\ \Phi_{114}^{2}\ \Phi_{76}^{2}\ \Phi_{57}^{2}\ \Phi_{38}^{3}\ \Phi_{19}^{2}$
42636	882	1500	$\frac{8}{125}$	$\frac{13}{125}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1500}\ \Phi_{500}\ \Phi_{300}\ \Phi_{125}\ \Phi_{100}\ \Phi_{60}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
42637	882	60	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{60}^{25}\ \Phi_{30}^{5}\ \Phi_{20}^{25}\ \Phi_{15}^{4}\ \Phi_{12}^{26}\ \Phi_{10}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{4}^{26}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
42638	882	365	$\frac{1}{73}$	$\frac{1}{5}$	$\frac{24}{73}$	$\frac{2}{5}$	$\Phi_{365}^{2}\ \Phi_{73}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{6}$
42639	882	320	$\frac{1}{64}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{80}^{3}\ \Phi_{64}^{2}\ \Phi_{40}^{3}\ \Phi_{32}^{2}\ \Phi_{20}^{3}\ \Phi_{16}^{2}\ \Phi_{10}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
42640	882	100	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{100}^{12}\ \Phi_{50}^{6}\ \Phi_{25}^{6}\ \Phi_{20}^{11}\ \Phi_{10}^{5}\ \Phi_{5}^{6}\ \Phi_{4}^{10}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
42641	882	365	$\frac{3}{73}$	$\frac{10}{73}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{365}^{2}\ \Phi_{73}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{6}$
42642	882	440	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{440}^{2}\ \Phi_{220}^{2}\ \Phi_{110}\ \Phi_{88}^{4}\ \Phi_{55}\ \Phi_{44}^{4}\ \Phi_{40}\ \Phi_{22}^{2}\ \Phi_{20}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
42643	882	881	$\frac{11}{881}$	$\frac{197}{881}$	$\frac{290}{881}$	$\frac{342}{881}$	$\Phi_{881}\ \Phi_{1}^{2}$
42644	882	1520	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{1520}\ \Phi_{304}\ \Phi_{190}\ \Phi_{95}\ \Phi_{38}$
42645	882	236	$\frac{1}{59}$	$\frac{29}{118}$	$\frac{1}{4}$	$\frac{89}{236}$	$\Phi_{236}^{3}\ \Phi_{118}^{5}\ \Phi_{59}^{4}\ \Phi_{4}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
42646	882	1064	$\frac{5}{152}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{133}\ \Phi_{28}\ \Phi_{14}$
42647	882	950	$\frac{1}{50}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{950}\ \Phi_{475}\ \Phi_{190}\ \Phi_{95}\ \Phi_{38}$
42648	882	881	$\frac{27}{881}$	$\frac{122}{881}$	$\frac{253}{881}$	$\frac{314}{881}$	$\Phi_{881}\ \Phi_{1}^{2}$
42649	882	946	$\frac{1}{22}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{946}\ \Phi_{473}\ \Phi_{86}$
42650	882	480	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{480}^{3}\ \Phi_{240}\ \Phi_{160}^{3}\ \Phi_{120}\ \Phi_{96}^{3}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
42651	882	881	$\frac{38}{881}$	$\frac{83}{881}$	$\frac{281}{881}$	$\frac{300}{881}$	$\Phi_{881}\ \Phi_{1}^{2}$
42652	882	1016	$\frac{4}{127}$	$\frac{1}{8}$	$\frac{41}{127}$	$\frac{43}{127}$	$\Phi_{1016}\ \Phi_{508}\ \Phi_{254}$
42653	882	518	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{12}{37}$	$\frac{25}{74}$	$\Phi_{518}^{3}\ \Phi_{259}\ \Phi_{14}^{3}$
42654	882	881	$\frac{14}{881}$	$\frac{195}{881}$	$\frac{289}{881}$	$\frac{296}{881}$	$\Phi_{881}\ \Phi_{1}^{2}$
42655	882	1180	$\frac{4}{295}$	$\frac{1}{4}$	$\frac{97}{295}$	$\frac{99}{295}$	$\Phi_{1180}\ \Phi_{590}\ \Phi_{236}\ \Phi_{118}\ \Phi_{20}\ \Phi_{10}$
42656	882	576	$\frac{1}{64}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{576}^{2}\ \Phi_{288}^{2}\ \Phi_{192}\ \Phi_{144}^{2}\ \Phi_{96}\ \Phi_{72}^{2}\ \Phi_{48}\ \Phi_{36}^{2}\ \Phi_{24}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{6}$
42657	882	510	$\frac{2}{51}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{510}^{2}\ \Phi_{255}^{2}\ \Phi_{170}^{2}\ \Phi_{102}^{2}\ \Phi_{85}^{2}\ \Phi_{34}^{2}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
42658	882	876	$\frac{1}{73}$	$\frac{1}{4}$	$\frac{24}{73}$	$\frac{1}{3}$	$\Phi_{876}^{2}\ \Phi_{438}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
42659	882	1326	$\frac{7}{442}$	$\frac{99}{442}$	$\frac{145}{442}$	$\frac{1}{3}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{102}\ \Phi_{78}\ \Phi_{51}\ \Phi_{39}\ \Phi_{6}$
42660	882	1125	$\frac{2}{125}$	$\frac{2}{9}$	$\frac{41}{125}$	$\frac{1}{3}$	$\Phi_{1125}\ \Phi_{225}\ \Phi_{125}\ \Phi_{45}\ \Phi_{25}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
42661	882	510	$\frac{1}{34}$	$\frac{23}{170}$	$\frac{11}{34}$	$\frac{1}{3}$	$\Phi_{510}^{3}\ \Phi_{255}^{3}\ \Phi_{102}\ \Phi_{51}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{6}$
42662	882	744	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{10}{31}$	$\frac{1}{3}$	$\Phi_{744}^{2}\ \Phi_{372}^{2}\ \Phi_{186}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
42663	882	360	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{90}^4\ \Phi_{72}^2\ \Phi_{45}^4\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_6$
42664	882	1326	$\frac{19}{442}$	$\frac{43}{442}$	$\frac{141}{442}$	$\frac{1}{3}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{102}\ \Phi_{78}\ \Phi_{51}\ \Phi_{39}\ \Phi_6$
42665	882	156	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{156}^9\ \Phi_{78}^9\ \Phi_{39}^7\ \Phi_{12}^9\ \Phi_6^9\ \Phi_3^6$
42666	882	330	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{66}^5\ \Phi_{33}^5\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^3\ \Phi_3^2$
42667	882	51	$\frac{2}{51}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{51}^{17}\ \Phi_{17}^{18}\ \Phi_3^{16}\ \Phi_1^{18}$
42668	882	624	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{61}{208}$	$\frac{1}{3}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{78}^3\ \Phi_{48}^2\ \Phi_{39}^3\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
42669	882	1326	$\frac{15}{442}$	$\frac{61}{442}$	$\frac{127}{442}$	$\frac{1}{3}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{102}\ \Phi_{78}\ \Phi_{51}\ \Phi_{39}\ \Phi_6$
42670	882	204	$\frac{1}{34}$	$\frac{11}{68}$	$\frac{19}{68}$	$\frac{1}{3}$	$\Phi_{204}^6\ \Phi_{102}^7\ \Phi_{51}^7\ \Phi_{12}^6\ \Phi_6^7\ \Phi_3^6$
42671	882	300	$\frac{1}{50}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^4\ \Phi_{150}^5\ \Phi_{75}^5\ \Phi_{60}^4\ \Phi_{30}^5\ \Phi_{15}^5\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
42672	882	1548	$\frac{1}{43}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1548}\ \Phi_{774}\ \Phi_{172}\ \Phi_{86}$
42673	882	1428	$\frac{2}{51}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{238}\ \Phi_{28}\ \Phi_{14}$
42674	882	876	$\frac{3}{73}$	$\frac{10}{73}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{876}^2\ \Phi_{438}^2\ \Phi_{12}^3\ \Phi_6^3$
42675	882	264	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{264}^6\ \Phi_{132}^4\ \Phi_{66}^5\ \Phi_{33}^5\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
42676	882	780	$\frac{3}{52}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{195}^2\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
42677	882	1632	$\frac{1}{34}$	$\frac{103}{544}$	$\frac{33}{136}$	$\frac{1}{3}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{102}\ \Phi_{96}\ \Phi_{51}\ \Phi_{48}\ \Phi_6$
42678	882	1560	$\frac{1}{26}$	$\frac{79}{520}$	$\frac{25}{104}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{120}\ \Phi_{78}\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
42679	882	960	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{192}\ \Phi_{96}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
42680	882	1716	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{131}{572}$	$\frac{1}{3}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{156}\ \Phi_{132}\ \Phi_{78}\ \Phi_{66}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
42681	882	585	$\frac{2}{65}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{585}^2\ \Phi_{117}^2\ \Phi_{65}^2\ \Phi_{45}\ \Phi_{13}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
42682	882	225	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{225}^5\ \Phi_{45}^5\ \Phi_{25}^5\ \Phi_9^6\ \Phi_5^5\ \Phi_1^6$
42683	882	1386	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{154}\ \Phi_{126}\ \Phi_{77}\ \Phi_{14}$
42684	882	1125	$\frac{6}{125}$	$\frac{17}{125}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1125}\ \Phi_{225}\ \Phi_{125}\ \Phi_{45}\ \Phi_{25}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
42685	882	1368	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
42686	882	1125	$\frac{8}{125}$	$\frac{13}{125}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1125}\ \Phi_{225}\ \Phi_{125}\ \Phi_{45}\ \Phi_{25}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
42687	882	90	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{90}^{14}\ \Phi_{45}^{11}\ \Phi_{30}^5\ \Phi_{18}^{14}\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^{12}\ \Phi_6^5\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
42688	882	1650	$\frac{1}{22}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{150}\ \Phi_{66}\ \Phi_{33}\ \Phi_6$
42689	882	510	$\frac{1}{17}$	$\frac{23}{170}$	$\frac{16}{85}$	$\frac{1}{3}$	$\Phi_{510}^3\ \Phi_{255}^2\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_6^3\ \Phi_3^2$
42690	882	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{60}^{14}\ \Phi_{30}^{15}\ \Phi_{20}^{14}\ \Phi_{15}^{15}\ \Phi_{12}^{16}\ \Phi_{10}^{14}\ \Phi_6^{17}\ \Phi_5^{14}\ \Phi_4^{16}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{16}$
42691	882	204	$\frac{5}{68}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{204}^7\ \Phi_{102}^7\ \Phi_{51}^5\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^4$
42692	882	270	$\frac{5}{54}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{54}^2\ \Phi_{45}^4\ \Phi_{30}\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_6$
42693	882	744	$\frac{3}{31}$	$\frac{1}{8}$	$\frac{4}{31}$	$\frac{1}{3}$	$\Phi_{744}^2\ \Phi_{372}^2\ \Phi_{186}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3$
42694	882	1326	$\frac{43}{442}$	$\frac{55}{442}$	$\frac{57}{442}$	$\frac{1}{3}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{102}\ \Phi_{78}\ \Phi_{51}\ \Phi_{39}\ \Phi_6$
42695	882	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{30}^{13}\ \Phi_{24}^6\ \Phi_{15}^{13}\ \Phi_{12}^6\ \Phi_6^7\ \Phi_3^6$
42696	882	580	$\frac{4}{145}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{47}{145}$	$\Phi_{580}^2\ \Phi_{290}^2\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_4^2\ \Phi_2^2$
42697	882	1224	$\frac{1}{24}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{23}{72}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_1^2$
42698	882	504	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{23}{72}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{126}^3\ \Phi_{63}^3\ \Phi_{28}\ \Phi_{14}$
42699	882	410	$\frac{2}{41}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{13}{41}$	$\Phi_{410}^2\ \Phi_{205}^2\ \Phi_{82}^2\ \Phi_{41}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
42700	882	328	$\frac{2}{41}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{13}{41}$	$\Phi_{328}^3\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{41}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
42701	882	1025	$\frac{2}{41}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{13}{41}$	$\Phi_{1025}\ \Phi_{41}\ \Phi_{25}^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
42702	882	881	$\frac{44}{881}$	$\frac{86}{881}$	$\frac{265}{881}$	$\frac{279}{881}$	$\Phi_{881}\ \Phi_1^2$
42703	882	1016	$\frac{7}{127}$	$\frac{1}{8}$	$\frac{29}{127}$	$\frac{40}{127}$	$\Phi_{1016}\ \Phi_{508}\ \Phi_{254}$
42704	882	881	$\frac{56}{881}$	$\frac{97}{881}$	$\frac{202}{881}$	$\frac{275}{881}$	$\Phi_{881}\ \Phi_1^2$
42705	882	1180	$\frac{19}{295}$	$\frac{29}{295}$	$\frac{1}{4}$	$\frac{92}{295}$	$\Phi_{1180}\ \Phi_{590}\ \Phi_{236}\ \Phi_{118}\ \Phi_{20}\ \Phi_{10}$
42706	882	60	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{60}^{21}\ \Phi_{30}^{11}\ \Phi_{20}^{17}\ \Phi_{15}^{10}\ \Phi_{12}^{21}\ \Phi_{10}^{9}\ \Phi_6^{11}\ \Phi_5^8\ \Phi_4^{16}\ \Phi_3^{10}\ \Phi_2^8\ \Phi_1^8$
42707	882	410	$\frac{1}{10}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{3}{10}$	$\Phi_{410}^2\ \Phi_{205}^2\ \Phi_{82}^2\ \Phi_{41}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
42708	882	280	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{10}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^2\ \Phi_{56}^5\ \Phi_{35}^2\ \Phi_{28}^5\ \Phi_{14}^3\ \Phi_7^2$
42709	882	960	$\frac{1}{15}$	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
42710	882	884	$\frac{3}{52}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{884}\ \Phi_{442}\ \Phi_{221}\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{17}\ \Phi_{13}^2\ \Phi_1^2$
42711	882	1088	$\frac{1}{16}$	$\frac{2}{17}$	$\frac{15}{64}$	$\frac{5}{17}$	$\Phi_{1088}\ \Phi_{544}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{17}\ \Phi_1^2$
42712	882	1020	$\frac{1}{12}$	$\frac{2}{17}$	$\frac{11}{60}$	$\frac{5}{17}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{85}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
42713	882	918	$\frac{5}{54}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{918}\ \Phi_{459}\ \Phi_{306}\ \Phi_{153}\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_1^2$
42714	882	136	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{5}{17}$	$\Phi_{136}^6\ \Phi_{68}^6\ \Phi_{34}^6\ \Phi_{17}^7\ \Phi_8^{12}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{14}$
42715	882	881	$\frac{89}{881}$	$\frac{107}{881}$	$\frac{132}{881}$	$\frac{258}{881}$	$\Phi_{881}\ \Phi_1^2$
42716	882	881	$\frac{104}{881}$	$\frac{110}{881}$	$\frac{111}{881}$	$\frac{257}{881}$	$\Phi_{881}\ \Phi_1^2$
42717	882	1016	$\frac{15}{127}$	$\frac{1}{8}$	$\frac{16}{127}$	$\frac{37}{127}$	$\Phi_{1016}\ \Phi_{508}\ \Phi_{254}$
42718	882	1036	$\frac{15}{148}$	$\frac{19}{148}$	$\frac{1}{7}$	$\frac{43}{148}$	$\Phi_{1036}\ \Phi_{518}\ \Phi_{259}\ \Phi_{28}\ \Phi_{14}$
42719	882	881	$\frac{48}{881}$	$\frac{119}{881}$	$\frac{209}{881}$	$\frac{254}{881}$	$\Phi_{881}\ \Phi_1^2$
42720	882	236	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{1}{4}$	$\frac{17}{59}$	$\Phi_{236}^5\ \Phi_{118}^5\ \Phi_4^4\ \Phi_2^4$
42721	882	881	$\frac{90}{881}$	$\frac{113}{881}$	$\frac{128}{881}$	$\frac{251}{881}$	$\Phi_{881}\ \Phi_1^2$
42722	882	1016	$\frac{13}{127}$	$\frac{1}{8}$	$\frac{19}{127}$	$\frac{36}{127}$	$\Phi_{1016}\ \Phi_{508}\ \Phi_{254}$
42723	882	270	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{135}$	$\Phi_{270}^5\ \Phi_{135}^4\ \Phi_{90}\ \Phi_{54}^5\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}^4\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
42724	882	1140	$\frac{1}{19}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{228}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}$
42725	882	330	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{110}\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{33}^2\ \Phi_{30}^4\ \Phi_{22}\ \Phi_{15}^4\ \Phi_6^2\ \Phi_3^2$
42726	882	364	$\frac{3}{52}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{364}^3\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{28}\ \Phi_{14}$
42727	882	388	$\frac{6}{97}$	$\frac{13}{97}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{388}^2\ \Phi_{194}^2\ \Phi_{97}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
42728	882	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{120}^9\ \Phi_{60}^7\ \Phi_{40}^9\ \Phi_{30}^7\ \Phi_{24}^9\ \Phi_{20}^7\ \Phi_{15}^6\ \Phi_{12}^7\ \Phi_{10}^7\ \Phi_6^7\ \Phi_5^6\ \Phi_3^6$
42729	882	448	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{15}{64}$	$\frac{1}{4}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{28}\ \Phi_{14}$
42730	882	240	$\frac{1}{15}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^4\ \Phi_{60}\ \Phi_{48}^5\ \Phi_{40}^4\ \Phi_{30}\ \Phi_{24}^5\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{12}\ \Phi_{10}\ \Phi_8^4\ \Phi_6$
42731	882	300	$\frac{1}{15}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{300}^5\ \Phi_{150}^5\ \Phi_{100}^4\ \Phi_{60}\ \Phi_{50}^4\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
42732	882	1120	$\frac{13}{160}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
42733	882	420	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{60}$	$\frac{1}{4}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{28}\ \Phi_{14}$
42734	882	756	$\frac{5}{54}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{756}^2\ \Phi_{378}\ \Phi_{252}^2\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{28}\ \Phi_{14}$
42735	882	328	$\frac{5}{41}$	$\frac{1}{8}$	$\frac{6}{41}$	$\frac{1}{4}$	$\Phi_{328}^3\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{41}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
42736	882	1180	$\frac{36}{295}$	$\frac{37}{295}$	$\frac{43}{295}$	$\frac{1}{4}$	$\Phi_{1180}\ \Phi_{590}\ \Phi_{236}\ \Phi_{118}\ \Phi_{20}\ \Phi_{10}$
42737	882	56	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{56}^{18}\ \Phi_{28}^{19}\ \Phi_{14}^{19}\ \Phi_7^{18}$
42738	882	1025	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1025}\ \Phi_{41}\ \Phi_{25}^2\ \Phi_1^2$
42739	882	1400	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
42740	883	1512	$\frac{1}{126}$	$\frac{127}{756}$	$\frac{629}{1512}$	$\frac{125}{252}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}\ \Phi_{168}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
42741	883	1752	$\frac{7}{876}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{869}{1752}$	$\Phi_{1752}\ \Phi_{584}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
42742	883	1568	$\frac{1}{98}$	$\frac{99}{784}$	$\frac{685}{1568}$	$\frac{97}{196}$	$\Phi_{1568}\ \Phi_{224}\ \Phi_{196}\ \Phi_{32}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
42743	883	1176	$\frac{1}{98}$	$\frac{293}{1176}$	$\frac{99}{392}$	$\frac{97}{196}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{294}\ \Phi_{196}\ \Phi_{168}\ \Phi_{147}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
42744	883	1062	$\frac{2}{177}$	$\frac{179}{1062}$	$\frac{1}{3}$	$\frac{175}{354}$	$\Phi_{1062}\ \Phi_{531}\ \Phi_{177}\ \Phi_{59}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
42745	883	1740	$\frac{13}{870}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{857}{1740}$	$\Phi_{1740}\ \Phi_{580}\ \Phi_{348}\ \Phi_{116}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
42746	883	1736	$\frac{15}{868}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{853}{1736}$	$\Phi_{1736}\ \Phi_{248}\ \Phi_{56}\ \Phi_{28}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
42747	883	1728	$\frac{19}{864}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{845}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
42748	883	1728	$\frac{19}{864}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{845}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{27}\ \Phi_{1}$
42749	883	1728	$\frac{19}{864}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{845}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
42750	883	1680	$\frac{1}{42}$	$\frac{43}{840}$	$\frac{797}{1680}$	$\frac{41}{84}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{84}\ \Phi_{80}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
42751	883	1260	$\frac{1}{42}$	$\frac{43}{420}$	$\frac{377}{1260}$	$\frac{41}{84}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
42752	883	1008	$\frac{1}{42}$	$\frac{125}{1008}$	$\frac{43}{168}$	$\frac{41}{84}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
42753	883	1188	$\frac{8}{297}$	$\frac{1}{9}$	$\frac{305}{1188}$	$\frac{289}{594}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{297}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{27}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
42754	883	1680	$\frac{43}{840}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{797}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
42755	883	1296	$\frac{19}{432}$	$\frac{1}{18}$	$\frac{413}{1296}$	$\frac{17}{36}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
42756	883	936	$\frac{1}{18}$	$\frac{53}{936}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
42757	883	1152	$\frac{1}{18}$	$\frac{19}{288}$	$\frac{269}{1152}$	$\frac{17}{36}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
42758	883	1080	$\frac{1}{18}$	$\frac{19}{216}$	$\frac{197}{1080}$	$\frac{17}{36}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
42759	883	972	$\frac{1}{18}$	$\frac{89}{972}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
42760	883	1008	$\frac{1}{18}$	$\frac{125}{1008}$	$\frac{19}{144}$	$\frac{17}{36}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
42761	883	990	$\frac{8}{99}$	$\frac{107}{990}$	$\frac{1}{9}$	$\frac{91}{198}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
42762	883	1620	$\frac{1}{18}$	$\frac{73}{810}$	$\frac{17}{90}$	$\frac{737}{1620}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{324}\ \Phi_{180}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
42763	883	1620	$\frac{73}{810}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{737}{1620}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{324}\ \Phi_{180}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
42764	883	1080	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{197}{1080}$	$\frac{163}{360}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
42765	883	972	$\frac{89}{972}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{162}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
42766	883	1584	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{792}$	$\frac{701}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{48}\ \Phi_{33}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
42767	883	1568	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{99}{784}$	$\frac{685}{1568}$	$\Phi_{1568}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
42768	883	900	$\frac{17}{900}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
42769	883	1512	$\frac{1}{63}$	$\frac{127}{756}$	$\frac{62}{189}$	$\frac{629}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
42770	883	1260	$\frac{1}{63}$	$\frac{62}{315}$	$\frac{377}{1260}$	$\frac{253}{630}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
42771	883	912	$\frac{29}{912}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
42772	883	1440	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{163}{720}$	$\frac{557}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{96}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
42773	883	1416	$\frac{2}{177}$	$\frac{175}{708}$	$\frac{1}{3}$	$\frac{533}{1416}$	$\Phi_{1416}\ \Phi_{472}\ \Phi_{177}\ \Phi_{59}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
42774	883	918	$\frac{35}{918}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{918}\ \Phi_{459}\ \Phi_{306}\ \Phi_{153}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}\ \Phi_{27}\ \Phi_{17}\ \Phi_{1}$
42775	883	1344	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{211}{672}$	$\frac{461}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
42776	883	1332	$\frac{5}{222}$	$\frac{1}{6}$	$\frac{217}{666}$	$\frac{449}{1332}$	$\Phi_{1332}\ \Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
42777	883	1134	$\frac{1}{63}$	$\frac{251}{1134}$	$\frac{62}{189}$	$\frac{127}{378}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{189}\ \Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_{1}$
42778	883	1305	$\frac{13}{435}$	$\frac{2}{15}$	$\frac{422}{1305}$	$\frac{1}{3}$	$\Phi_{1305}\ \Phi_{261}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
42779	883	1296	$\frac{19}{432}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{413}{1296}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_{1}$
42780	883	1296	$\frac{19}{432}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{413}{1296}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
42781	883	1080	$\frac{19}{216}$	$\frac{1}{9}$	$\frac{197}{1080}$	$\frac{8}{27}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
42782	883	972	$\frac{89}{972}$	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_{1}$
42783	883	1215	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{405}$	$\frac{332}{1215}$	$\Phi_{1215}\ \Phi_{243}\ \Phi_{81}\ \Phi_{27}\ \Phi_{1}$
42784	883	1080	$\frac{1}{18}$	$\frac{197}{1080}$	$\frac{17}{90}$	$\frac{73}{270}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
42785	883	936	$\frac{53}{936}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
42786	883	1188	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{396}$	$\frac{305}{1188}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{108}\ \Phi_{99}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_{1}$
42787	883	1008	$\frac{1}{14}$	$\frac{125}{1008}$	$\frac{13}{56}$	$\frac{43}{168}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
42788	883	1152	$\frac{19}{288}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{269}{1152}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
42789	883	1120	$\frac{1}{14}$	$\frac{43}{280}$	$\frac{237}{1120}$	$\frac{13}{56}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
42790	883	960	$\frac{77}{960}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
42791	883	1080	$\frac{19}{216}$	$\frac{1}{6}$	$\frac{197}{1080}$	$\frac{5}{24}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
42792	883	1008	$\frac{125}{1008}$	$\frac{19}{144}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
42793	884	1320	$\frac{1}{220}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{219}{440}$	$\Phi_{1320}\ \Phi_{440}^2\ \Phi_{264}\ \Phi_{120}\ \Phi_{88}^2\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
42794	884	2190	$\frac{2}{219}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{217}{438}$	$\Phi_{2190}\ \Phi_{730}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
42795	884	1480	$\frac{1}{74}$	$\frac{1}{5}$	$\frac{75}{296}$	$\frac{73}{148}$	$\Phi_{1480}\ \Phi_{370}\ \Phi_{185}\ \Phi_{40}\ \Phi_{10}$
42796	884	1608	$\frac{1}{67}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{33}{67}$	$\Phi_{1608}\ \Phi_{536}\ \Phi_{67}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{1}^2$
42797	884	1005	$\frac{1}{67}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{33}{67}$	$\Phi_{1005}\ \Phi_{335}\ \Phi_{67}\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{1}^2$
42798	884	1206	$\frac{1}{67}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{33}{67}$	$\Phi_{1206}\ \Phi_{603}\ \Phi_{67}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{1}^2$
42799	884	1072	$\frac{1}{67}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{33}{67}$	$\Phi_{1072}\ \Phi_{536}\ \Phi_{67}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
42800	884	1632	$\frac{1}{51}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{25}{51}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{96}\ \Phi_{51}\ \Phi_{32}^2\ \Phi_{17}\ \Phi_{3}\ \Phi_{1}^2$
42801	884	408	$\frac{1}{51}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{25}{51}$	$\Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^3\ \Phi_{34}^2\ \Phi_{24}^3\ \Phi_{17}^3\ \Phi_{12}^3\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
42802	884	1020	$\frac{1}{51}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{25}{51}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{85}\ \Phi_{60}\ \Phi_{51}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
42803	884	2160	$\frac{5}{216}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{211}{432}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{240}\ \Phi_{80}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
42804	884	825	$\frac{1}{33}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{16}{33}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{165}\ \Phi_{75}\ \Phi_{55}\ \Phi_{33}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
42805	884	462	$\frac{1}{33}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{42}^3\ \Phi_{22}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{2}^2$
42806	884	165	$\frac{1}{33}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{16}{33}$	$\Phi_{165}^5\ \Phi_{55}^5\ \Phi_{33}^6\ \Phi_{15}^7\ \Phi_{11}^6\ \Phi_{5}^6\ \Phi_{3}^8\ \Phi_{1}^8$
42807	884	883	$\frac{27}{883}$	$\frac{35}{883}$	$\frac{424}{883}$	$\frac{428}{883}$	$\Phi_{883}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
42808	884	450	$\frac{1}{25}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^4\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
42809	884	550	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{12}{25}$	$\Phi_{550}^2\ \Phi_{275}\ \Phi_{110}^2\ \Phi_{55}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{22}^4\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^4\ \Phi_1^4$
42810	884	322	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{322}^3\ \Phi_{161}^3\ \Phi_{46}^3\ \Phi_{14}^2\ \Phi_7^2\ \Phi_2^2$
42811	884	883	$\frac{49}{883}$	$\frac{50}{883}$	$\frac{233}{883}$	$\frac{417}{883}$	$\Phi_{883}\ \Phi_1^2$
42812	884	1329	$\frac{18}{443}$	$\frac{25}{443}$	$\frac{1}{3}$	$\frac{209}{443}$	Φ_{1329}
42813	884	954	$\frac{1}{18}$	$\frac{3}{53}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{954}\ \Phi_{477}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}$
42814	884	864	$\frac{1}{27}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{864}^2\ \Phi_{288}^2\ \Phi_{96}\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
42815	884	544	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{4}{17}$	$\frac{15}{32}$	$\Phi_{544}^3\ \Phi_{32}^4\ \Phi_{17}^3\ \Phi_1^4$
42816	884	1120	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{1120}^2\ \Phi_{160}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
42817	884	883	$\frac{38}{883}$	$\frac{65}{883}$	$\frac{237}{883}$	$\frac{409}{883}$	$\Phi_{883}\ \Phi_1^2$
42818	884	1329	$\frac{14}{443}$	$\frac{33}{443}$	$\frac{1}{3}$	$\frac{205}{443}$	Φ_{1329}
42819	884	840	$\frac{1}{35}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{21}\ \Phi_{15}$
42820	884	1608	$\frac{3}{67}$	$\frac{1}{12}$	$\frac{16}{67}$	$\frac{11}{24}$	$\Phi_{1608}\ \Phi_{536}\ \Phi_{67}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
42821	884	360	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{360}^6\ \Phi_{120}^5\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}^5\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
42822	884	630	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{630}^2\ \Phi_{315}\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2$
42823	884	1590	$\frac{1}{53}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1590}\ \Phi_{530}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}$
42824	884	270	$\frac{1}{27}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{270}^6\ \Phi_{135}\ \Phi_{90}^6\ \Phi_{54}^6\ \Phi_{45}\ \Phi_{30}^4\ \Phi_{18}^6\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
42825	884	189	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{189}^5\ \Phi_{63}^5\ \Phi_{27}^4\ \Phi_{21}^3\ \Phi_9^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
42826	884	1272	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1272}\ \Phi_{424}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}$
42827	884	1140	$\frac{7}{228}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{95}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
42828	884	370	$\frac{1}{37}$	$\frac{36}{185}$	$\frac{1}{5}$	$\frac{149}{370}$	$\Phi_{370}^4\ \Phi_{185}\ \Phi_{74}^4\ \Phi_{10}^4\ \Phi_2^4$
42829	884	540	$\frac{1}{27}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
42830	884	756	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{756}^2\ \Phi_{252}^2\ \Phi_{189}\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{36}^2\ \Phi_{21}\ \Phi_{12}^2$
42831	884	330	$\frac{1}{110}$	$\frac{109}{330}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{330}^3\ \Phi_{165}^3\ \Phi_{110}^2\ \Phi_{66}^3\ \Phi_{55}^2\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{22}^2\ \Phi_{15}^3\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
42832	884	672	$\frac{3}{224}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}^2\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
42833	884	225	$\frac{4}{225}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{225}^4\ \Phi_{75}^4\ \Phi_{45}^4\ \Phi_{25}^4\ \Phi_{15}^3\ \Phi_9^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
42834	884	825	$\frac{1}{55}$	$\frac{54}{275}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{825}\ \Phi_{275}^2\ \Phi_{75}\ \Phi_{25}^2\ \Phi_3\ \Phi_1^2$
42835	884	264	$\frac{1}{44}$	$\frac{43}{264}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{264}^4\ \Phi_{132}^3\ \Phi_{88}^4\ \Phi_{66}^3\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{24}^4\ \Phi_{22}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_8^4\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
42836	884	105	$\frac{1}{35}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^9\ \Phi_{35}^8\ \Phi_{21}^9\ \Phi_{15}^7\ \Phi_7^8\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
42837	884	690	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{690}\ \Phi_{345}\ \Phi_{230}^2\ \Phi_{138}\ \Phi_{115}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_3\ \Phi_1^2$
42838	884	231	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}^4\ \Phi_{77}^4\ \Phi_{33}^3\ \Phi_{21}^4\ \Phi_{11}^2\ \Phi_7^4\ \Phi_3^4\ \Phi_1^4$
42839	884	726	$\frac{1}{22}$	$\frac{21}{242}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{726}\ \Phi_{363}\ \Phi_{242}^2\ \Phi_{121}^2\ \Phi_3\ \Phi_1^2$
42840	884	240	$\frac{1}{20}$	$\frac{19}{240}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^2\ \Phi_{16}^4\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^4\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
42841	884	165	$\frac{3}{55}$	$\frac{4}{55}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}^4\ \Phi_{55}^8\ \Phi_{33}^4\ \Phi_{15}^4\ \Phi_{11}^8\ \Phi_5^8\ \Phi_3^5\ \Phi_1^{10}$
42842	884	126	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{126}^8\ \Phi_{63}^8\ \Phi_{42}^7\ \Phi_{21}^7\ \Phi_{18}^4\ \Phi_{14}^6\ \Phi_9^4\ \Phi_7^6\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
42843	884	1386	$\frac{2}{33}$	$\frac{1}{14}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{198}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
42844	884	216	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{216}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^6\ \Phi_{24}^3\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_9^6\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
42845	884	630	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{21}\ \Phi_{15}$
42846	884	1680	$\frac{1}{35}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{336}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{21}\ \Phi_{15}$
42847	884	540	$\frac{1}{27}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{30}\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
42848	884	1005	$\frac{3}{67}$	$\frac{2}{15}$	$\frac{16}{67}$	$\frac{1}{3}$	$\Phi_{1005}\ \Phi_{335}\ \Phi_{67}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
42849	884	462	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{462}^3\ \Phi_{231}^3\ \Phi_{66}\ \Phi_{42}^4\ \Phi_{33}^2\ \Phi_{21}^4\ \Phi_6^2\ \Phi_3^2$
42850	884	90	$\frac{1}{18}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{90}^{10}\ \Phi_{45}^{10}\ \Phi_{30}^{10}\ \Phi_{18}^{12}\ \Phi_{15}^7\ \Phi_{10}^{10}\ \Phi_9^{12}\ \Phi_6^{12}\ \Phi_5^6\ \Phi_3^8\ \Phi_2^{12}\ \Phi_1^8$
42851	884	1620	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{103}{324}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
42852	884	408	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{4}{17}$	$\frac{7}{24}$	$\Phi_{408}^3\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{24}^4\ \Phi_{17}^3\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4\ \Phi_1^4$
42853	884	840	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{120}\ \Phi_{105}^2\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
42854	884	1206	$\frac{3}{67}$	$\frac{1}{6}$	$\frac{16}{67}$	$\frac{5}{18}$	$\Phi_{1206}\ \Phi_{603}\ \Phi_{67}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
42855	884	90	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{90}^{12}\ \Phi_{45}^{12}\ \Phi_{30}^{13}\ \Phi_{15}^{13}\ \Phi_{10}^{13}\ \Phi_5^{12}$
42856	884	135	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{135}^7\ \Phi_{45}^6\ \Phi_{27}^6\ \Phi_{15}^7\ \Phi_9^5\ \Phi_5^6\ \Phi_3^6\ \Phi_1^6$
42857	884	1072	$\frac{3}{67}$	$\frac{3}{16}$	$\frac{16}{67}$	$\frac{1}{4}$	$\Phi_{1072}\ \Phi_{536}\ \Phi_{67}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
42858	884	340	$\frac{1}{17}$	$\frac{3}{20}$	$\frac{4}{17}$	$\frac{1}{4}$	$\Phi_{340}^3\ \Phi_{170}^3\ \Phi_{85}^3\ \Phi_{20}^4\ \Phi_{17}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_1^4$
42859	884	720	$\frac{1}{18}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{120}^2\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
42860	884	140	$\frac{1}{14}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^6\ \Phi_{70}^7\ \Phi_{35}^7\ \Phi_{28}^8\ \Phi_{20}^3\ \Phi_{14}^8\ \Phi_{10}^4\ \Phi_7^8\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
42861	884	1440	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{67}{288}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{80}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
42862	884	330	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{5}{22}$	$\Phi_{330}^4\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{66}^4\ \Phi_{55}\ \Phi_{33}^2\ \Phi_{30}^4\ \Phi_{22}^4\ \Phi_{15}^4\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
42863	884	240	$\frac{19}{240}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{240}^4\ \Phi_{120}^3\ \Phi_{80}^4\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{40}^3\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
42864	884	270	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{270}$	$\frac{1}{5}$	$\Phi_{270}^3\ \Phi_{135}^3\ \Phi_{90}^3\ \Phi_{54}^4\ \Phi_{45}^3\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
42865	884	1260	$\frac{31}{252}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
42866	885	352	$\frac{1}{176}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{175}{352}$	$\Phi_{352}^5\ \Phi_{32}^5\ \Phi_8\ \Phi_1$
42867	885	1184	$\frac{3}{296}$	$\frac{1}{4}$	$\frac{299}{1184}$	$\frac{293}{592}$	$\Phi_{1184}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}\ \Phi_{37}\ \Phi_{32}\ \Phi_8\ \Phi_1$
42868	885	584	$\frac{3}{292}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{289}{584}$	$\Phi_{584}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
42869	885	544	$\frac{1}{68}$	$\frac{23}{272}$	$\frac{249}{544}$	$\frac{67}{136}$	$\Phi_{544}^3\ \Phi_{136}\ \Phi_{32}^3\ \Phi_8\ \Phi_1$
42870	885	408	$\frac{1}{68}$	$\frac{23}{136}$	$\frac{113}{408}$	$\frac{67}{136}$	$\Phi_{408}^3\ \Phi_{204}^3\ \Phi_{136}\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
42871	885	1088	$\frac{1}{68}$	$\frac{203}{1088}$	$\frac{69}{272}$	$\frac{67}{136}$	$\Phi_{1088}\ \Phi_{544}\ \Phi_{136}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_1$
42872	885	812	$\frac{1}{58}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{57}{116}$	$\Phi_{406}^2\ \Phi_{203}^2\ \Phi_{116}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{28}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
42873	885	812	$\frac{1}{58}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{57}{116}$	$\Phi_{812}^2\ \Phi_{116}^3\ \Phi_{28}^2\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
42874	885	348	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{57}{116}$	$\Phi_{348}^2\ \Phi_{174}^4\ \Phi_{116}\ \Phi_{87}^4\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{12}^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
42875	885	1664	$\frac{1}{52}$	$\frac{53}{832}$	$\frac{779}{1664}$	$\frac{51}{104}$	$\Phi_{1664}\ \Phi_{128}\ \Phi_{104}\ \Phi_8\ \Phi_1$
42876	885	416	$\frac{1}{52}$	$\frac{53}{416}$	$\frac{121}{416}$	$\frac{51}{104}$	$\Phi_{416}^2\ \Phi_{208}^2\ \Phi_{104}^3\ \Phi_{52}^2\ \Phi_{32}^2\ \Phi_{26}^2\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
42877	885	208	$\frac{1}{52}$	$\frac{31}{208}$	$\frac{53}{208}$	$\frac{51}{104}$	$\Phi_{208}^4\ \Phi_{104}^5\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{16}^4\ \Phi_{13}^4\ \Phi_8^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
42878	885	576	$\frac{7}{288}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{281}{576}$	$\Phi_{576}^3\ \Phi_{192}^3\ \Phi_{64}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
42879	885	572	$\frac{9}{286}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{277}{572}$	$\Phi_{572}^3\ \Phi_{52}^3\ \Phi_{44}^3\ \Phi_{13}^2\ \Phi_4^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
42880	885	912	$\frac{2}{57}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
42881	885	1196	$\frac{12}{299}$	$\frac{1}{13}$	$\frac{311}{1196}$	$\frac{287}{598}$	$\Phi_{1196}\ \Phi_{299}\ \Phi_{92}\ \Phi_{52}\ \Phi_{23}\ \Phi_4\ \Phi_1$
42882	885	340	$\frac{7}{170}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{163}{340}$	$\Phi_{340}^5\ \Phi_{68}^5\ \Phi_{20}^5\ \Phi_{17}^2\ \Phi_4^5\ \Phi_1^3$
42883	885	80	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{80}^{11}\ \Phi_{40}^{12}\ \Phi_{20}^{11}\ \Phi_{16}^{10}\ \Phi_{10}^{11}\ \Phi_8^{11}\ \Phi_5^{11}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
42884	885	112	$\frac{3}{56}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{112}^7\ \Phi_{56}^8\ \Phi_{28}^8\ \Phi_{16}^{10}\ \Phi_{14}^8\ \Phi_8^{11}\ \Phi_7^8\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
42885	885	2436	$\frac{1}{29}$	$\frac{1}{14}$	$\frac{28}{87}$	$\frac{13}{28}$	$\Phi_{2436}\ \Phi_{348}\ \Phi_{87}\ \Phi_{84}\ \Phi_{28}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
42886	885	880	$\frac{1}{16}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}\ \Phi_{88}\ \Phi_{80}^2\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{11}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
42887	885	144	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{144}^8\ \Phi_{72}^7\ \Phi_{48}^4\ \Phi_{36}^7\ \Phi_{24}^4\ \Phi_{18}^7\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^7\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
42888	885	544	$\frac{1}{34}$	$\frac{23}{272}$	$\frac{11}{34}$	$\frac{249}{544}$	$\Phi_{544}^3\ \Phi_{34}^2\ \Phi_{32}^3\ \Phi_{17}^2\ \Phi_2^2\ \Phi_1^3$
42889	885	432	$\frac{1}{16}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^4\ \Phi_{36}\ \Phi_{27}^2\ \Phi_{24}^4\ \Phi_{18}^2\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
42890	885	408	$\frac{1}{34}$	$\frac{11}{102}$	$\frac{113}{408}$	$\frac{91}{204}$	$\Phi_{408}^3\ \Phi_{136}^3\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{34}^2\ \Phi_{24}^3\ \Phi_{17}^2\ \Phi_8^3\ \Phi_6^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
42891	885	304	$\frac{9}{304}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{304}^3\ \Phi_{152}^3\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
42892	885	104	$\frac{1}{52}$	$\frac{7}{52}$	$\frac{17}{52}$	$\frac{45}{104}$	$\Phi_{104}^{15}\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_8^{15}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
42893	885	104	$\frac{1}{26}$	$\frac{7}{52}$	$\frac{5}{26}$	$\frac{45}{104}$	$\Phi_{104}^{15}\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_8^{15}\ \Phi_2^4\ \Phi_1^5$
42894	885	364	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{69}{364}$	$\frac{157}{364}$	$\Phi_{364}^2\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{14}^3\ \Phi_{13}^2\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
42895	885	1036	$\frac{1}{37}$	$\frac{36}{259}$	$\frac{1}{4}$	$\frac{223}{518}$	$\Phi_{1036}\ \Phi_{259}\ \Phi_{148}^2\ \Phi_{74}\ \Phi_{37}\ \Phi_{28}\ \Phi_7\ \Phi_4\ \Phi_1$
42896	885	416	$\frac{1}{52}$	$\frac{17}{104}$	$\frac{121}{416}$	$\frac{87}{208}$	$\Phi_{416}^3\ \Phi_{104}^3\ \Phi_{52}^2\ \Phi_{32}^3\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
42897	885	187	$\frac{10}{187}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{187}^5\ \Phi_{17}^2\ \Phi_{11}^5\ \Phi_1^3$
42898	885	400	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{400}^2\ \Phi_{200}^2\ \Phi_{100}\ \Phi_{80}^4\ \Phi_{50}^2\ \Phi_{40}^4\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
42899	885	208	$\frac{1}{26}$	$\frac{31}{208}$	$\frac{5}{26}$	$\frac{21}{52}$	$\Phi_{208}^5\ \Phi_{104}^5\ \Phi_{26}^4\ \Phi_{16}^5\ \Phi_{13}^4\ \Phi_8^5\ \Phi_2^4\ \Phi_1^5$
42900	885	221	$\frac{6}{221}$	$\frac{43}{221}$	$\frac{44}{221}$	$\frac{89}{221}$	$\Phi_{221}^4\ \Phi_{17}^4\ \Phi_{13}^4\ \Phi_1^5$
42901	885	296	$\frac{3}{148}$	$\frac{29}{148}$	$\frac{1}{4}$	$\frac{119}{296}$	$\Phi_{296}^5\ \Phi_{148}\ \Phi_{74}\ \Phi_{37}\ \Phi_8^5\ \Phi_1$
42902	885	1456	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{157}{728}$	$\frac{571}{1456}$	$\Phi_{1456}\ \Phi_{208}\ \Phi_{182}\ \Phi_{112}\ \Phi_{91}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
42903	885	96	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{96}^{15}\ \Phi_{48}^4\ \Phi_{32}^{15}\ \Phi_{24}^4\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
42904	885	88	$\frac{1}{88}$	$\frac{1}{4}$	$\frac{29}{88}$	$\frac{3}{8}$	$\Phi_{88}^{10}\ \Phi_{44}^{10}\ \Phi_{22}^{10}\ \Phi_{11}^{10}\ \Phi_8^{11}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
42905	885	896	$\frac{11}{896}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
42906	885	120	$\frac{1}{60}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^{12}\ \Phi_{60}^3\ \Phi_{40}^{12}\ \Phi_{30}^3\ \Phi_{24}^{12}\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^9\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
42907	885	440	$\frac{1}{44}$	$\frac{43}{220}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^4\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}^4\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
42908	885	352	$\frac{5}{176}$	$\frac{57}{352}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{352}^3\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{32}^3\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
42909	885	184	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{184}^5\ \Phi_{92}^5\ \Phi_{46}^5\ \Phi_{23}^5\ \Phi_8\ \Phi_1$
42910	885	264	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^6\ \Phi_{88}^4\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{24}^6\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^5\ \Phi_6^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
42911	885	1496	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1496}\ \Phi_{187}\ \Phi_{136}\ \Phi_{17}\ \Phi_8\ \Phi_1$
42912	885	968	$\frac{5}{88}$	$\frac{83}{968}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{121}\ \Phi_8\ \Phi_1$
42913	885	64	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{64}^{15}\ \Phi_{32}^{15}\ \Phi_{16}^{10}\ \Phi_8^{11}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
42914	885	312	$\frac{17}{312}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{24}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
42915	885	720	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{720}\ \Phi_{360}\ \Phi_{240}^2\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
42916	885	68	$\frac{1}{34}$	$\frac{9}{68}$	$\frac{11}{34}$	$\frac{23}{68}$	$\Phi_{68}^{12}\ \Phi_{34}^{14}\ \Phi_{17}^{14}\ \Phi_4^{12}\ \Phi_2^{14}\ \Phi_1^{15}$
42917	885	444	$\frac{1}{74}$	$\frac{1}{4}$	$\frac{73}{222}$	$\frac{149}{444}$	$\Phi_{444}\ \Phi_{222}^2\ \Phi_{148}^3\ \Phi_{111}^2\ \Phi_{74}^3\ \Phi_{37}^3\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
42918	885	408	$\frac{1}{34}$	$\frac{23}{136}$	$\frac{113}{408}$	$\frac{11}{34}$	$\Phi_{408}^3\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{34}^2\ \Phi_{24}^3\ \Phi_{17}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
42919	885	609	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{28}{87}$	$\Phi_{609}^2\ \Phi_{87}^3\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
42920	885	348	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{28}{87}$	$\Phi_{348}^3\ \Phi_{174}\ \Phi_{116}^4\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{12}^5\ \Phi_6^2\ \Phi_4^5\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
42921	885	432	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{137}{432}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
42922	885	429	$\frac{9}{143}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{134}{429}$	$\Phi_{429}^3\ \Phi_{39}^3\ \Phi_{33}^3\ \Phi_{13}^2\ \Phi_3^3\ \Phi_1^3$
42923	885	65	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{65}^{15}\ \Phi_{13}^8\ \Phi_5^{15}\ \Phi_1^9$
42924	885	85	$\frac{7}{85}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{26}{85}$	$\Phi_{85}^{10}\ \Phi_{17}^{12}\ \Phi_5^{10}\ \Phi_1^{13}$
42925	885	336	$\frac{1}{16}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{84}^3\ \Phi_{48}^4\ \Phi_{42}^3\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
42926	885	312	$\frac{17}{312}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
42927	885	144	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{144}^6\ \Phi_{72}^5\ \Phi_{48}^8\ \Phi_{36}^5\ \Phi_{24}^7\ \Phi_{18}^6\ \Phi_{16}^7\ \Phi_{12}^7\ \Phi_9^6\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
42928	885	78	$\frac{1}{26}$	$\frac{5}{26}$	$\frac{19}{78}$	$\frac{7}{26}$	$\Phi_{78}^{15}\ \Phi_{39}^{15}\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_6^{15}\ \Phi_3^{15}\ \Phi_2^4\ \Phi_1^5$
42929	885	384	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{384}$	$\frac{1}{4}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
42930	885	64	$\frac{5}{64}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{64}^{15}\ \Phi_{32}^{12}\ \Phi_{16}^{12}\ \Phi_8^{15}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
42931	885	148	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{15}{74}$	$\frac{1}{4}$	$\Phi_{148}^8\ \Phi_{74}^3\ \Phi_{37}^5\ \Phi_4^7\ \Phi_2^2\ \Phi_1^5$
42932	885	72	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{13}{72}$	$\frac{1}{4}$	$\Phi_{72}^{12}\ \Phi_{36}^{12}\ \Phi_{24}^{12}\ \Phi_{18}^{12}\ \Phi_{12}^{12}\ \Phi_9^{12}\ \Phi_8^{15}\ \Phi_6^{12}\ \Phi_4^{14}\ \Phi_3^{12}\ \Phi_2^{14}\ \Phi_1^{15}$
42933	885	336	$\frac{41}{336}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{4}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
42934	885	68	$\frac{2}{17}$	$\frac{9}{68}$	$\frac{3}{17}$	$\frac{7}{34}$	$\Phi_{68}^{15}\ \Phi_{34}^{10}\ \Phi_{17}^{12}\ \Phi_4^{15}\ \Phi_2^{10}\ \Phi_1^{13}$
42935	885	221	$\frac{16}{221}$	$\frac{41}{221}$	$\frac{44}{221}$	$\frac{45}{221}$	$\Phi_{221}^4\ \Phi_{17}^4\ \Phi_{13}^4\ \Phi_1^5$
42936	886	882	$\frac{2}{441}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{439}{882}$	$\Phi_{882}^2\ \Phi_{294}^2\ \Phi_{126}^2\ \Phi_{98}^2\ \Phi_{42}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42937	886	708	$\frac{1}{177}$	$\frac{89}{354}$	$\frac{265}{708}$	$\frac{88}{177}$	$\Phi_{708}^2\ \Phi_{236}^2\ \Phi_{177}\ \Phi_{59}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
42938	886	1776	$\frac{1}{148}$	$\frac{149}{592}$	$\frac{1}{3}$	$\frac{147}{296}$	$\Phi_{1776}\ \Phi_{444}\ \Phi_{222}\ \Phi_{111}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
42939	886	880	$\frac{3}{440}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{437}{880}$	$\Phi_{880}^2\ \Phi_{176}^2\ \Phi_{80}^2\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
42940	886	2640	$\frac{3}{440}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{437}{880}$	$\Phi_{2640}\ \Phi_{528}\ \Phi_{240}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
42941	886	876	$\frac{5}{438}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{433}{876}$	$\Phi_{876}^2\ \Phi_{292}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42942	886	826	$\frac{1}{59}$	$\frac{30}{413}$	$\frac{383}{826}$	$\frac{29}{59}$	$\Phi_{826}^2\ \Phi_{118}^2\ \Phi_{59}\ \Phi_{14}^2\ \Phi_2^2\ \Phi_1^2$
42943	886	870	$\frac{8}{435}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{427}{870}$	$\Phi_{870}^2\ \Phi_{290}^2\ \Phi_{174}^2\ \Phi_{58}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42944	886	864	$\frac{11}{432}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{421}{864}$	$\Phi_{864}^2\ \Phi_{288}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42945	886	855	$\frac{31}{855}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{412}{855}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{171}\ \Phi_{95}\ \Phi_{57}\ \Phi_{45}^2\ \Phi_{19}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
42946	886	600	$\frac{7}{150}$	$\frac{1}{15}$	$\frac{157}{600}$	$\frac{143}{300}$	$\Phi_{600}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42947	886	840	$\frac{23}{420}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{397}{840}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42948	886	825	$\frac{1}{15}$	$\frac{61}{825}$	$\frac{14}{75}$	$\frac{382}{825}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{165}\ \Phi_{75}^2\ \Phi_{55}\ \Phi_{33}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{11}\ \Phi_5\ \Phi_3\ \Phi_1^2$
42949	886	540	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{97}{540}$	$\frac{83}{180}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
42950	886	456	$\frac{13}{456}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{456}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42951	886	2442	$\frac{1}{37}$	$\frac{36}{407}$	$\frac{1}{3}$	$\frac{371}{814}$	$\Phi_{2442}\ \Phi_{222}\ \Phi_{111}\ \Phi_{66}\ \Phi_6$
42952	886	810	$\frac{1}{15}$	$\frac{38}{405}$	$\frac{7}{45}$	$\frac{367}{810}$	$\Phi_{810}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42953	886	777	$\frac{2}{111}$	$\frac{109}{777}$	$\frac{1}{3}$	$\frac{334}{777}$	$\Phi_{777}\ \Phi_{259}\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
42954	886	750	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{68}{375}$	$\frac{307}{750}$	$\Phi_{750}^2\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42955	886	2220	$\frac{1}{74}$	$\frac{73}{370}$	$\frac{1}{3}$	$\frac{297}{740}$	$\Phi_{2220}\ \Phi_{444}\ \Phi_{222}\ \Phi_{111}\ \Phi_{60}\ \Phi_{12}\ \Phi_6$
42956	886	660	$\frac{3}{220}$	$\frac{1}{5}$	$\frac{217}{660}$	$\frac{2}{5}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
42957	886	450	$\frac{7}{450}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
42958	886	550	$\frac{3}{110}$	$\frac{107}{550}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{550}^2\ \Phi_{275}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
42959	886	460	$\frac{17}{460}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{460}^2\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_5\ \Phi_1^2$
42960	886	495	$\frac{3}{55}$	$\frac{52}{495}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
42961	886	480	$\frac{3}{40}$	$\frac{37}{480}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
42962	886	720	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{83}{360}$	$\frac{277}{720}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42963	886	480	$\frac{1}{15}$	$\frac{37}{480}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42964	886	1344	$\frac{5}{448}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
42965	886	708	$\frac{1}{59}$	$\frac{29}{118}$	$\frac{89}{354}$	$\frac{265}{708}$	$\Phi_{708}^2\ \Phi_{236}^2\ \Phi_{118}^2\ \Phi_{59}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
42966	886	675	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{211}{675}$	$\frac{232}{675}$	$\Phi_{675}\ \Phi_{225}^2\ \Phi_{135}\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{27}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
42967	886	666	$\frac{1}{111}$	$\frac{110}{333}$	$\frac{1}{3}$	$\frac{223}{666}$	$\Phi_{666}^2\ \Phi_{222}^2\ \Phi_{111}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42968	886	588	$\frac{2}{147}$	$\frac{145}{588}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42969	886	450	$\frac{7}{450}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42970	886	504	$\frac{2}{63}$	$\frac{61}{504}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42971	886	462	$\frac{19}{462}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42972	886	660	$\frac{3}{220}$	$\frac{1}{4}$	$\frac{217}{660}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42973	886	648	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{205}{648}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42974	886	468	$\frac{25}{468}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42975	886	528	$\frac{3}{88}$	$\frac{85}{528}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{528}^2\ \Phi_{264}\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42976	886	1380	$\frac{17}{460}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{12}\ \Phi_6$
42977	886	1452	$\frac{3}{44}$	$\frac{41}{484}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{363}\ \Phi_{12}\ \Phi_6$
42978	886	480	$\frac{3}{40}$	$\frac{37}{480}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42979	886	576	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{133}{576}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42980	886	480	$\frac{37}{480}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
42981	886	540	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{540}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42982	886	504	$\frac{1}{12}$	$\frac{61}{504}$	$\frac{11}{72}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42983	886	630	$\frac{1}{15}$	$\frac{23}{210}$	$\frac{7}{30}$	$\frac{187}{630}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42984	886	540	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{97}{540}$	$\frac{38}{135}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
42985	888	663	$\frac{1}{221}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{110}{221}$	$\Phi_{663}\ \Phi_{221}^2\ \Phi_{51}\ \Phi_{39}\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
42986	888	887	$\frac{5}{887}$	$\frac{223}{887}$	$\frac{332}{887}$	$\frac{441}{887}$	$\Phi_{887}\ \Phi_1^2$
42987	888	1335	$\frac{3}{445}$	$\frac{112}{445}$	$\frac{1}{3}$	$\frac{221}{445}$	$\Phi_{1335}\ \Phi_{267}\ \Phi_{15}$
42988	888	735	$\frac{1}{147}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{73}{147}$	$\Phi_{735}\ \Phi_{245}\ \Phi_{147}^2\ \Phi_{105}\ \Phi_{49}^2\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
42989	888	588	$\frac{1}{147}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{73}{147}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
42990	888	887	$\frac{7}{887}$	$\frac{149}{887}$	$\frac{369}{887}$	$\frac{440}{887}$	$\Phi_{887}\ \Phi_1^2$
42991	888	1540	$\frac{1}{110}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{109}{220}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{220}^2\ \Phi_{140}\ \Phi_{44}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
42992	888	660	$\frac{1}{110}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{109}{220}$	$\Phi_{660}^4\ \Phi_{132}^4\ \Phi_{60}^4\ \Phi_{15}\ \Phi_{12}^4$
42993	888	396	$\frac{1}{99}$	$\frac{1}{4}$	$\frac{25}{99}$	$\frac{49}{99}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{36}^3\ \Phi_{22}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
42994	888	887	$\frac{9}{887}$	$\frac{221}{887}$	$\frac{224}{887}$	$\frac{439}{887}$	$\Phi_{887}\ \Phi_1^2$
42995	888	267	$\frac{1}{89}$	$\frac{15}{89}$	$\frac{1}{3}$	$\frac{44}{89}$	$\Phi_{267}^5\ \Phi_3^4$
42996	888	803	$\frac{1}{73}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{36}{73}$	$\Phi_{803}\ \Phi_{73}^2\ \Phi_{11}^2\ \Phi_1^4$
42997	888	1533	$\frac{1}{73}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{36}{73}$	$\Phi_{1533}\ \Phi_{21}^2$
42998	888	803	$\frac{1}{73}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{36}{73}$	$\Phi_{803}\ \Phi_{73}^2\ \Phi_{11}^2\ \Phi_1^4$
42999	888	1460	$\frac{1}{73}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{36}{73}$	$\Phi_{1460}\ \Phi_{730}\ \Phi_{20}^2\ \Phi_{10}^2$
43000	888	887	$\frac{13}{887}$	$\frac{75}{887}$	$\frac{406}{887}$	$\frac{437}{887}$	$\Phi_{887}\ \Phi_1^2$
43001	888	887	$\frac{17}{887}$	$\frac{113}{887}$	$\frac{258}{887}$	$\frac{435}{887}$	$\Phi_{887}\ \Phi_1^2$
43002	888	1043	$\frac{3}{149}$	$\frac{1}{7}$	$\frac{38}{149}$	$\frac{73}{149}$	Φ_{1043}
43003	888	887	$\frac{19}{887}$	$\frac{151}{887}$	$\frac{184}{887}$	$\frac{434}{887}$	$\Phi_{887}\ \Phi_1^2$
43004	888	1115	$\frac{5}{223}$	$\frac{38}{223}$	$\frac{1}{5}$	$\frac{109}{223}$	Φ_{1115}
43005	888	1188	$\frac{7}{297}$	$\frac{38}{297}$	$\frac{1}{4}$	$\frac{145}{297}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}\ \Phi_{66}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
43006	888	887	$\frac{21}{887}$	$\frac{110}{887}$	$\frac{227}{887}$	$\frac{433}{887}$	$\Phi_{887}\ \Phi_1^2$
43007	888	1335	$\frac{11}{445}$	$\frac{38}{445}$	$\frac{1}{3}$	$\frac{217}{445}$	$\Phi_{1335}\ \Phi_{267}\ \Phi_{15}$
43008	888	1656	$\frac{1}{36}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{35}{72}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{184}\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_1^2$
43009	888	936	$\frac{1}{36}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{936}^2\ \Phi_{312}^2\ \Phi_{104}^2\ \Phi_{39}$
43010	888	1656	$\frac{1}{36}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{35}{72}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{184}\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_1^2$
43011	888	72	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{72}^{24}\ \Phi_{36}\ \Phi_{24}^{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_8^{24}\ \Phi_6$
43012	888	1656	$\frac{1}{36}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{35}{72}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{184}\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_1^2$
43013	888	2520	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{35}{72}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{280}\ \Phi_{35}$
43014	888	660	$\frac{1}{33}$	$\frac{17}{165}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{132}\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{44}\ \Phi_{30}^2\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
43015	888	572	$\frac{5}{143}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{69}{143}$	$\Phi_{572}^2\ \Phi_{286}^2\ \Phi_{52}^2\ \Phi_{44}^3\ \Phi_{26}^2\ \Phi_{22}^3\ \Phi_4^2\ \Phi_2^2$
43016	888	324	$\frac{1}{27}$	$\frac{7}{81}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
43017	888	650	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{650}^2\ \Phi_{325}\ \Phi_{130}^2\ \Phi_{65}\ \Phi_{26}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
43018	888	897	$\frac{1}{23}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{897}\ \Phi_{299}\ \Phi_{39}^2\ \Phi_{23}\ \Phi_{13}^2\ \Phi_1^2$
43019	888	1242	$\frac{1}{23}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{11}{23}$	$\Phi_{1242}\ \Phi_{621}\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{23}\ \Phi_1^2$
43020	888	920	$\frac{1}{23}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{184}\ \Phi_{115}\ \Phi_{40}^2\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_1^2$
43021	888	1104	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{11}{23}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{184}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
43022	888	1035	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{11}{23}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{115}\ \Phi_{45}^2\ \Phi_{23}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
43023	888	966	$\frac{1}{23}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{11}{23}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{322}\ \Phi_{161}\ \Phi_{42}^2\ \Phi_{23}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
43024	888	910	$\frac{2}{35}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{910}^2\ \Phi_{182}^2\ \Phi_{130}^2\ \Phi_{65}\ \Phi_{26}^2$
43025	888	630	$\frac{2}{35}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{33}{70}$	$\Phi_{630}^3\ \Phi_{210}^3\ \Phi_{126}^3\ \Phi_{90}^3\ \Phi_{63}\ \Phi_{42}^3\ \Phi_{30}^3\ \Phi_{21}\ \Phi_{18}^3\ \Phi_6^3$
43026	888	1152	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{17}{128}$	$\frac{15}{32}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
43027	888	585	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{585}^2\ \Phi_{195}\ \Phi_{117}^2\ \Phi_{65}\ \Phi_{39}$
43028	888	1872	$\frac{7}{104}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{97}{208}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
43029	888	1254	$\frac{1}{38}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{114}^2\ \Phi_{66}\ \Phi_{57}^2\ \Phi_6^2$
43030	888	308	$\frac{3}{77}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{308}^4\ \Phi_{154}^4\ \Phi_{44}^3\ \Phi_{28}^4\ \Phi_{22}^3\ \Phi_{14}^4\ \Phi_4^2\ \Phi_2^2$
43031	888	540	$\frac{1}{27}$	$\frac{13}{135}$	$\frac{1}{4}$	$\frac{61}{135}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{108}^3\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
43032	888	612	$\frac{5}{153}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{36}\ \Phi_{34}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
43033	888	950	$\frac{1}{38}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{950}\ \Phi_{475}\ \Phi_{190}\ \Phi_{95}\ \Phi_{50}\ \Phi_{10}$
43034	888	132	$\frac{1}{33}$	$\frac{4}{33}$	$\frac{1}{4}$	$\frac{29}{66}$	$\Phi_{132}^9\ \Phi_{66}\ \Phi_{44}^9\ \Phi_{33}^8\ \Phi_{22}\ \Phi_{12}^9\ \Phi_{11}^8\ \Phi_6\ \Phi_4^8\ \Phi_3^8\ \Phi_1^8$
43035	888	1764	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{98}$	$\frac{85}{196}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
43036	888	385	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{18}{55}$	$\frac{3}{7}$	$\Phi_{385}^2\ \Phi_{77}^2\ \Phi_{55}^4\ \Phi_{35}^2\ \Phi_{11}^4\ \Phi_7^3\ \Phi_5^4\ \Phi_1^6$
43037	888	532	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{532}^2\ \Phi_{266}\ \Phi_{133}\ \Phi_{76}^4\ \Phi_{38}^2\ \Phi_{28}\ \Phi_{19}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
43038	888	805	$\frac{4}{115}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{805}\ \Phi_{161}\ \Phi_{115}^2\ \Phi_{23}^2\ \Phi_7\ \Phi_1^2$
43039	888	308	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{7}{44}$	$\frac{3}{7}$	$\Phi_{308}^3\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{44}^6\ \Phi_{28}^3\ \Phi_{22}^4\ \Phi_{14}^2\ \Phi_{11}^4\ \Phi_7^3\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
43040	888	280	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{280}^3\ \Phi_{140}^3\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^6\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{20}^6\ \Phi_{14}^2\ \Phi_{10}^4\ \Phi_8^6\ \Phi_7^3\ \Phi_5^4\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
43041	888	847	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{847}\ \Phi_{121}^2\ \Phi_7\ \Phi_1^2$
43042	888	576	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{5}{32}$	$\frac{27}{64}$	$\Phi_{576}^3\ \Phi_{192}^3\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
43043	888	887	$\frac{17}{887}$	$\frac{145}{887}$	$\frac{258}{887}$	$\frac{371}{887}$	$\Phi_{887}\ \Phi_1^2$
43044	888	1335	$\frac{7}{445}$	$\frac{73}{445}$	$\frac{1}{3}$	$\frac{186}{445}$	$\Phi_{1335}\ \Phi_{267}\ \Phi_{15}$
43045	888	887	$\frac{14}{887}$	$\frac{149}{887}$	$\frac{291}{887}$	$\frac{369}{887}$	$\Phi_{887}\ \Phi_1^2$
43046	888	75	$\frac{1}{75}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{75}^{12}\ \Phi_{25}^{12}\ \Phi_{15}^{11}\ \Phi_5^{12}\ \Phi_3^{10}\ \Phi_1^{12}$
43047	888	245	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{12}{49}$	$\frac{2}{5}$	$\Phi_{245}^3\ \Phi_{49}^6\ \Phi_{35}^3\ \Phi_7^6\ \Phi_5^4\ \Phi_1^8$
43048	888	190	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{190}^5\ \Phi_{95}^5\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{10}^5\ \Phi_2^4$
43049	888	385	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{385}^2\ \Phi_{77}^4\ \Phi_{55}^2\ \Phi_{35}\ \Phi_{11}^4\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
43050	888	210	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{210}^4\ \Phi_{105}^3\ \Phi_{70}^4\ \Phi_{42}^8\ \Phi_{35}^3\ \Phi_{30}^4\ \Phi_{21}^6\ \Phi_{15}^3\ \Phi_{14}^8\ \Phi_{10}^4\ \Phi_7^6\ \Phi_6^8\ \Phi_5^4\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
43051	888	520	$\frac{3}{40}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{520}^2\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{104}^2\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{26}^2$
43052	888	975	$\frac{1}{75}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{195}\ \Phi_{65}\ \Phi_{39}$
43053	888	780	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{780}^2\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{39}$
43054	888	887	$\frac{19}{887}$	$\frac{184}{887}$	$\frac{217}{887}$	$\frac{335}{887}$	$\Phi_{887}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
43055	888	1188	$\frac{5}{297}$	$\frac{73}{297}$	$\frac{1}{4}$	$\frac{112}{297}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}\ \Phi_{66}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
43056	888	534	$\frac{1}{89}$	$\frac{22}{89}$	$\frac{1}{3}$	$\frac{67}{178}$	$\Phi_{534}^{4}\ \Phi_{267}\ \Phi_{6}^{4}$
43057	888	887	$\frac{15}{887}$	$\frac{218}{887}$	$\frac{223}{887}$	$\frac{332}{887}$	$\Phi_{887}\ \Phi_{1}^{2}$
43058	888	950	$\frac{1}{38}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{950}\ \Phi_{475}\ \Phi_{190}\ \Phi_{95}\ \Phi_{50}\ \Phi_{10}$
43059	888	504	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{9}{28}$	$\frac{19}{56}$	$\Phi_{504}^{3}\ \Phi_{252}\ \Phi_{168}^{3}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}^{3}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{24}^{3}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
43060	888	887	$\frac{20}{887}$	$\frac{147}{887}$	$\frac{289}{887}$	$\frac{299}{887}$	$\Phi_{887}\ \Phi_{1}^{2}$
43061	888	1115	$\frac{4}{223}$	$\frac{1}{5}$	$\frac{73}{223}$	$\frac{75}{223}$	Φ_{1115}
43062	888	887	$\frac{8}{887}$	$\frac{293}{887}$	$\frac{295}{887}$	$\frac{297}{887}$	$\Phi_{887}\ \Phi_{1}^{2}$
43063	888	1335	$\frac{4}{445}$	$\frac{147}{445}$	$\frac{1}{3}$	$\frac{149}{445}$	$\Phi_{1335}\ \Phi_{267}\ \Phi_{15}$
43064	888	336	$\frac{1}{112}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{336}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{2}\ \Phi_{84}^{3}\ \Phi_{56}^{2}\ \Phi_{48}^{3}\ \Phi_{42}^{3}\ \Phi_{28}^{2}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
43065	888	663	$\frac{2}{221}$	$\frac{73}{221}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{663}\ \Phi_{221}^{2}\ \Phi_{51}\ \Phi_{39}\ \Phi_{17}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
43066	888	300	$\frac{1}{75}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{100}^{4}\ \Phi_{60}^{4}\ \Phi_{50}^{4}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
43067	888	663	$\frac{5}{221}$	$\frac{36}{221}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{663}\ \Phi_{221}^{2}\ \Phi_{51}\ \Phi_{39}\ \Phi_{17}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
43068	888	798	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{266}^{2}\ \Phi_{133}^{2}\ \Phi_{42}\ \Phi_{14}^{2}$
43069	888	39	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{39}^{23}\ \Phi_{13}^{22}\ \Phi_{3}^{24}\ \Phi_{1}^{24}$
43070	888	357	$\frac{1}{17}$	$\frac{8}{119}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{357}^{2}\ \Phi_{119}^{4}\ \Phi_{51}\ \Phi_{21}^{2}\ \Phi_{17}^{2}\ \Phi_{7}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
43071	888	1764	$\frac{2}{147}$	$\frac{1}{4}$	$\frac{145}{441}$	$\frac{1}{3}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{252}\ \Phi_{126}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
43072	888	165	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{18}{55}$	$\frac{1}{3}$	$\Phi_{165}^{8}\ \Phi_{33}^{8}\ \Phi_{15}^{9}\ \Phi_{3}^{8}$
43073	888	267	$\frac{2}{89}$	$\frac{15}{89}$	$\frac{29}{89}$	$\frac{1}{3}$	$\Phi_{267}^{5}\ \Phi_{3}^{4}$
43074	888	702	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{702}^{2}\ \Phi_{351}^{2}\ \Phi_{39}$
43075	888	897	$\frac{2}{39}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{897}\ \Phi_{299}\ \Phi_{39}^{2}\ \Phi_{23}\ \Phi_{13}^{2}\ \Phi_{1}^{2}$
43076	888	1254	$\frac{1}{38}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{114}^{2}\ \Phi_{66}\ \Phi_{57}^{2}\ \Phi_{6}^{2}$
43077	888	1335	$\frac{9}{445}$	$\frac{109}{445}$	$\frac{112}{445}$	$\frac{1}{3}$	$\Phi_{1335}\ \Phi_{267}\ \Phi_{15}$
43078	888	588	$\frac{1}{49}$	$\frac{12}{49}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}^{3}\ \Phi_{294}^{3}\ \Phi_{84}^{3}\ \Phi_{42}^{3}\ \Phi_{12}^{4}\ \Phi_{6}^{4}$
43079	888	1140	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}^{2}\ \Phi_{570}\ \Phi_{285}\ \Phi_{60}\ \Phi_{15}$
43080	888	924	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{132}^{2}\ \Phi_{84}\ \Phi_{66}^{2}\ \Phi_{42}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
43081	888	84	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^{14}\ \Phi_{42}^{6}\ \Phi_{28}^{14}\ \Phi_{21}^{8}\ \Phi_{14}^{6}\ \Phi_{12}^{15}\ \Phi_{7}^{8}\ \Phi_{6}^{7}\ \Phi_{4}^{14}\ \Phi_{3}^{8}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
43082	888	468	$\frac{2}{39}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{36}\ \Phi_{26}^{2}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
43083	888	1260	$\frac{19}{315}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
43084	888	1560	$\frac{3}{40}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{39}$
43085	888	624	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{624}^{2}\ \Phi_{312}^{2}\ \Phi_{208}^{2}\ \Phi_{104}^{2}\ \Phi_{39}$
43086	888	1053	$\frac{1}{13}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1053}\ \Phi_{351}\ \Phi_{39}$
43087	888	897	$\frac{2}{39}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{897}\ \Phi_{299}\ \Phi_{39}^{2}\ \Phi_{23}\ \Phi_{13}^{2}\ \Phi_{1}^{2}$
43088	888	345	$\frac{4}{115}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{345}^{4}\ \Phi_{69}^{4}\ \Phi_{15}$
43089	888	825	$\frac{2}{55}$	$\frac{53}{275}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{825}^{2}\ \Phi_{75}^{2}\ \Phi_{15}$
43090	888	660	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{660}^{3}\ \Phi_{330}^{2}\ \Phi_{165}^{2}\ \Phi_{60}^{3}\ \Phi_{30}^{2}\ \Phi_{15}^{3}$
43091	888	1365	$\frac{2}{39}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{35}$
43092	888	165	$\frac{4}{55}$	$\frac{17}{165}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{165}^{5}\ \Phi_{55}^{6}\ \Phi_{33}^{5}\ \Phi_{15}^{6}\ \Phi_{11}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
43093	888	120	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{30}^{8}\ \Phi_{24}^{12}\ \Phi_{15}^{9}\ \Phi_{12}^{12}\ \Phi_{6}^{8}\ \Phi_{3}^{8}$
43094	888	1815	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1815}\ \Phi_{15}$
43095	888	585	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{585}^{2}\ \Phi_{195}^{2}\ \Phi_{65}^{2}\ \Phi_{39}$
43096	888	546	$\frac{1}{13}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{546}^{2}\ \Phi_{273}^{2}\ \Phi_{182}^{2}\ \Phi_{91}^{2}\ \Phi_{39}$
43097	888	1242	$\frac{1}{18}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{17}{54}$	$\Phi_{1242}\ \Phi_{621}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{23}\ \Phi_{1}^{2}$
43098	888	108	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{108}^{16}\ \Phi_{54}^{8}\ \Phi_{36}\ \Phi_{27}^{8}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
43099	888	1242	$\frac{1}{18}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{17}{54}$	$\Phi_{1242}\ \Phi_{621}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{23}\ \Phi_{1}^{2}$
43100	888	1890	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{17}{54}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{35}$
43101	888	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{11}{48}$	$\frac{5}{16}$	$\Phi_{144}^{7}\ \Phi_{72}^{7}\ \Phi_{48}^{4}\ \Phi_{36}^{7}\ \Phi_{24}^{4}\ \Phi_{18}^{7}\ \Phi_{16}^{6}\ \Phi_{12}^{4}\ \Phi_{9}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
43102	888	1716	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{133}{429}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{156}\ \Phi_{132}\ \Phi_{78}\ \Phi_{66}\ \Phi_{44}\ \Phi_{22}\ \Phi_{12}\ \Phi_{6}$
43103	888	920	$\frac{3}{40}$	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{184}\ \Phi_{115}\ \Phi_{40}^{2}\ \Phi_{23}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
43104	888	1104	$\frac{1}{12}$	$\frac{2}{23}$	$\frac{11}{48}$	$\frac{7}{23}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{184}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{23}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
43105	888	1035	$\frac{2}{23}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{7}{23}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{115}\ \Phi_{45}^{2}\ \Phi_{23}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
43106	888	966	$\frac{2}{23}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{7}{23}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{322}\ \Phi_{161}\ \Phi_{42}^{2}\ \Phi_{23}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
43107	888	1365	$\frac{1}{13}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{1365}\ \Phi_{273}\ \Phi_{195}\ \Phi_{65}\ \Phi_{39}$
43108	888	126	$\frac{1}{9}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{126}^{9}\ \Phi_{63}^{7}\ \Phi_{42}^{6}\ \Phi_{21}^{4}\ \Phi_{18}^{9}\ \Phi_{14}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
43109	888	1620	$\frac{1}{27}$	$\frac{26}{135}$	$\frac{1}{4}$	$\frac{109}{405}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
43110	888	396	$\frac{1}{33}$	$\frac{8}{33}$	$\frac{1}{4}$	$\frac{25}{99}$	$\Phi_{396}^{4}\ \Phi_{198}^{4}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}^{4}\ \Phi_{22}\ \Phi_{18}^{4}\ \Phi_{12}\ \Phi_{6}$
43111	888	360	$\frac{3}{40}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{72}^{3}\ \Phi_{60}^{3}\ \Phi_{45}^{3}\ \Phi_{36}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{18}\ \Phi_{15}^{3}\ \Phi_{12}\ \Phi_{6}$
43112	888	144	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{144}^{9}\ \Phi_{72}^{9}\ \Phi_{48}^{6}\ \Phi_{36}\ \Phi_{24}^{6}\ \Phi_{18}\ \Phi_{16}^{6}\ \Phi_{12}\ \Phi_{8}^{6}\ \Phi_{6}$
43113	888	324	$\frac{7}{81}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{324}^{4}\ \Phi_{162}^{4}\ \Phi_{108}^{4}\ \Phi_{54}^{4}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
43114	888	920	$\frac{3}{40}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{184}\ \Phi_{115}\ \Phi_{40}^{2}\ \Phi_{23}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
43115	888	280	$\frac{3}{40}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{280}^{4}\ \Phi_{140}^{3}\ \Phi_{70}^{3}\ \Phi_{56}^{4}\ \Phi_{35}^{4}\ \Phi_{28}^{4}\ \Phi_{14}^{4}\ \Phi_{7}^{4}$
43116	888	180	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{180}^{8}\ \Phi_{90}^{8}\ \Phi_{60}^{8}\ \Phi_{36}\ \Phi_{30}^{8}\ \Phi_{20}^{8}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}^{8}\ \Phi_{6}$
43117	888	252	$\frac{1}{9}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{252}^{6}\ \Phi_{126}^{3}\ \Phi_{84}^{4}\ \Phi_{63}^{3}\ \Phi_{42}^{2}\ \Phi_{36}\ \Phi_{28}^{4}\ \Phi_{21}^{2}\ \Phi_{18}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{7}^{2}\ \Phi_{6}$
43118	888	1104	$\frac{1}{12}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{11}{48}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{184}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{23}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
43119	888	1680	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{11}{48}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{280}\ \Phi_{35}$
43120	888	1035	$\frac{1}{9}$	$\frac{3}{23}$	$\frac{8}{45}$	$\frac{5}{23}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{115}\ \Phi_{45}^{2}\ \Phi_{23}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
43121	888	966	$\frac{5}{42}$	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{5}{23}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{322}\ \Phi_{161}\ \Phi_{42}^{2}\ \Phi_{23}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
43122	888	1260	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{140}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{42}\ \Phi_{36}\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
43123	888	315	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{45}$	$\frac{1}{5}$	$\Phi_{315}^{3}\ \Phi_{105}^{3}\ \Phi_{63}^{4}\ \Phi_{35}^{4}\ \Phi_{21}^{4}\ \Phi_{7}^{4}$
43124	888	210	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{210}^{5}\ \Phi_{105}^{5}\ \Phi_{70}^{5}\ \Phi_{35}^{6}\ \Phi_{30}^{6}\ \Phi_{15}^{6}\ \Phi_{10}^{6}\ \Phi_{5}^{6}$
43125	889	1188	$\frac{2}{297}$	$\frac{299}{1188}$	$\frac{1}{3}$	$\frac{295}{594}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{297}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{27}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
43126	889	252	$\frac{1}{126}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{125}{252}$	$\Phi_{252}\ \Phi_{126}^{6}\ \Phi_{84}\ \Phi_{63}^{6}\ \Phi_{42}^{6}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}^{6}\ \Phi_{18}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{2}\ \Phi_{9}^{6}\ \Phi_{7}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
43127	889	252	$\frac{1}{126}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{125}{252}$	$\Phi_{252}^{7}\ \Phi_{84}^{7}\ \Phi_{36}^{7}\ \Phi_{28}^{7}\ \Phi_{12}^{7}\ \Phi_{9}\ \Phi_{4}^{7}\ \Phi_{1}$
43128	889	1760	$\frac{9}{880}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{871}{1760}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{160}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
43129	889	990	$\frac{2}{99}$	$\frac{101}{990}$	$\frac{1}{3}$	$\frac{97}{198}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
43130	889	248	$\frac{3}{124}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{121}{248}$	$\Phi_{248}^{3}\ \Phi_{124}^{4}\ \Phi_{62}^{4}\ \Phi_{31}^{4}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
43131	889	972	$\frac{2}{81}$	$\frac{83}{972}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
43132	889	1728	$\frac{25}{864}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{839}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
43133	889	1728	$\frac{25}{864}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{839}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
43134	889	1728	$\frac{25}{864}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{839}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
43135	889	1728	$\frac{25}{864}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{839}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
43136	889	1716	$\frac{31}{858}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{827}{1716}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{156}\ \Phi_{132}\ \Phi_{52}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
43137	889	1200	$\frac{11}{300}$	$\frac{1}{12}$	$\frac{311}{1200}$	$\frac{289}{600}$	$\Phi_{1200}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
43138	889	1296	$\frac{1}{24}$	$\frac{25}{432}$	$\frac{407}{1296}$	$\frac{23}{48}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
43139	889	960	$\frac{1}{24}$	$\frac{71}{960}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
43140	889	1152	$\frac{1}{24}$	$\frac{25}{288}$	$\frac{263}{1152}$	$\frac{23}{48}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
43141	889	144	$\frac{1}{24}$	$\frac{17}{144}$	$\frac{25}{144}$	$\frac{23}{48}$	$\Phi_{144}^{6}\ \Phi_{72}^{6}\ \Phi_{48}^{7}\ \Phi_{36}^{6}\ \Phi_{24}^{6}\ \Phi_{18}^{6}\ \Phi_{16}^{7}\ \Phi_{12}^{6}\ \Phi_{9}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
43142	889	1024	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{135}{1024}$	$\frac{121}{256}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
43143	889	240	$\frac{7}{120}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{113}{240}$	$\Phi_{240}^{7}\ \Phi_{80}^{7}\ \Phi_{60}\ \Phi_{48}^{7}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}^{7}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
43144	889	240	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{113}{240}$	$\Phi_{240}^{7}\ \Phi_{80}^{7}\ \Phi_{48}^{7}\ \Phi_{16}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
43145	889	132	$\frac{5}{132}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{132}^{7}\ \Phi_{66}^{6}\ \Phi_{44}^{7}\ \Phi_{33}^{7}\ \Phi_{22}^{6}\ \Phi_{12}^{7}\ \Phi_{11}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{7}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
43146	889	1080	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{191}{1080}$	$\frac{169}{360}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
43147	889	1664	$\frac{57}{832}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{775}{1664}$	$\Phi_{1664}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
43148	889	918	$\frac{29}{918}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{918}\ \Phi_{459}\ \Phi_{306}\ \Phi_{153}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}\ \Phi_{27}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
43149	889	1620	$\frac{2}{81}$	$\frac{79}{810}$	$\frac{1}{3}$	$\frac{731}{1620}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{324}\ \Phi_{180}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
43150	889	1584	$\frac{2}{99}$	$\frac{97}{792}$	$\frac{1}{3}$	$\frac{695}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{48}\ \Phi_{33}\ \Phi_{16}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
43151	889	1056	$\frac{9}{176}$	$\frac{1}{8}$	$\frac{167}{1056}$	$\frac{7}{16}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
43152	889	960	$\frac{71}{960}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
43153	889	224	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{15}{112}$	$\frac{97}{224}$	$\Phi_{224}^{7}\ \Phi_{32}^{7}\ \Phi_{16}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
43154	889	1536	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{121}{768}$	$\frac{647}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
43155	889	516	$\frac{2}{129}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{516}^{3}\ \Phi_{172}^{3}\ \Phi_{129}\ \Phi_{43}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
43156	889	756	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{62}{189}$	$\frac{5}{12}$	$\Phi_{756}^{3}\ \Phi_{189}\ \Phi_{108}^{3}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
43157	889	168	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{41}{168}$	$\frac{5}{12}$	$\Phi_{168}^{7}\ \Phi_{84}\ \Phi_{56}^{7}\ \Phi_{42}^{6}\ \Phi_{28}\ \Phi_{24}^{7}\ \Phi_{21}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{2}\ \Phi_{8}^{7}\ \Phi_{7}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
43158	889	132	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{132}^{7}\ \Phi_{66}^{7}\ \Phi_{44}^{7}\ \Phi_{33}^{7}\ \Phi_{22}^{7}\ \Phi_{12}^{2}\ \Phi_{11}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
43159	889	1596	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1596}\ \Phi_{532}\ \Phi_{228}\ \Phi_{133}\ \Phi_{76}\ \Phi_{19}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
43160	889	588	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{588}^{3}\ \Phi_{196}^{3}\ \Phi_{147}\ \Phi_{49}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
43161	889	144	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{144}^{7}\ \Phi_{72}^{7}\ \Phi_{48}^{7}\ \Phi_{36}\ \Phi_{24}^{7}\ \Phi_{18}^{6}\ \Phi_{16}^{7}\ \Phi_{12}^{2}\ \Phi_{9}^{6}\ \Phi_{8}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
43162	889	540	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{540}^{3}\ \Phi_{180}^{3}\ \Phi_{135}\ \Phi_{108}^{3}\ \Phi_{60}^{3}\ \Phi_{45}\ \Phi_{27}\ \Phi_{20}^{3}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
43163	889	420	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{3}\ \Phi_{105}^{2}\ \Phi_{70}^{3}\ \Phi_{60}^{2}\ \Phi_{42}^{2}\ \Phi_{35}^{3}\ \Phi_{30}^{2}\ \Phi_{28}\ \Phi_{21}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{10}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
43164	889	960	$\frac{71}{960}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
43165	889	1110	$\frac{1}{37}$	$\frac{36}{185}$	$\frac{221}{1110}$	$\frac{149}{370}$	$\Phi_{1110}\ \Phi_{555}\ \Phi_{222}\ \Phi_{185}\ \Phi_{111}\ \Phi_{30}\ \Phi_{15}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
43166	889	1480	$\frac{1}{37}$	$\frac{36}{185}$	$\frac{149}{740}$	$\frac{591}{1480}$	$\Phi_{1480}\ \Phi_{296}\ \Phi_{185}\ \Phi_{40}\ \Phi_8\ \Phi_5\ \Phi_1$
43167	889	900	$\frac{11}{900}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
43168	889	1440	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{169}{720}$	$\frac{551}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{96}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
43169	889	936	$\frac{47}{936}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_1$
43170	889	192	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{31}{96}$	$\frac{65}{192}$	$\Phi_{192}^7\ \Phi_{64}^7\ \Phi_{32}^7\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
43171	889	1332	$\frac{1}{111}$	$\frac{110}{333}$	$\frac{443}{1332}$	$\frac{223}{666}$	$\Phi_{1332}\ \Phi_{444}\ \Phi_{333}\ \Phi_{148}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
43172	889	387	$\frac{2}{129}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{387}^3\ \Phi_{129}\ \Phi_{43}\ \Phi_9\ \Phi_1$
43173	889	189	$\frac{1}{63}$	$\frac{2}{9}$	$\frac{62}{189}$	$\frac{1}{3}$	$\Phi_{189}^7\ \Phi_{27}^7\ \Phi_9\ \Phi_1$
43174	889	1296	$\frac{25}{432}$	$\frac{2}{27}$	$\frac{407}{1296}$	$\frac{1}{3}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_9\ \Phi_1$
43175	889	1287	$\frac{2}{33}$	$\frac{31}{429}$	$\frac{398}{1287}$	$\frac{1}{3}$	$\Phi_{1287}\ \Phi_{117}\ \Phi_{99}\ \Phi_{33}\ \Phi_{11}\ \Phi_9\ \Phi_1$
43176	889	1215	$\frac{2}{81}$	$\frac{79}{405}$	$\frac{326}{1215}$	$\frac{1}{3}$	$\Phi_{1215}\ \Phi_{243}\ \Phi_{81}\ \Phi_{27}\ \Phi_9\ \Phi_1$
43177	889	1188	$\frac{2}{99}$	$\frac{97}{396}$	$\frac{299}{1188}$	$\frac{1}{3}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{108}\ \Phi_{99}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_9\ \Phi_1$
43178	889	504	$\frac{1}{42}$	$\frac{2}{9}$	$\frac{41}{168}$	$\frac{1}{3}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}\ \Phi_{84}\ \Phi_{72}^3\ \Phi_{56}\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
43179	889	972	$\frac{2}{27}$	$\frac{83}{972}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_9\ \Phi_1$
43180	889	396	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}\ \Phi_{99}^3\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}^3\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_1$
43181	889	1197	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1197}\ \Phi_{171}\ \Phi_{133}\ \Phi_{19}\ \Phi_9\ \Phi_1$
43182	889	441	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{441}^3\ \Phi_{147}\ \Phi_{49}\ \Phi_9\ \Phi_1$
43183	889	144	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{144}^7\ \Phi_{72}^7\ \Phi_{48}^7\ \Phi_{36}^7\ \Phi_{24}^7\ \Phi_{16}^7\ \Phi_{12}^7\ \Phi_9\ \Phi_8^7\ \Phi_4^7\ \Phi_1$
43184	889	135	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{135}^7\ \Phi_{45}^7\ \Phi_{27}^7\ \Phi_{15}^7\ \Phi_9\ \Phi_5^7\ \Phi_1$
43185	889	1260	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
43186	889	1080	$\frac{2}{27}$	$\frac{25}{216}$	$\frac{191}{1080}$	$\frac{1}{3}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
43187	889	1152	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{263}{1152}$	$\frac{121}{384}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
43188	889	1296	$\frac{25}{432}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{407}{1296}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
43189	889	972	$\frac{1}{12}$	$\frac{83}{972}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
43190	889	1152	$\frac{1}{12}$	$\frac{25}{288}$	$\frac{263}{1152}$	$\frac{11}{36}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
43191	889	1080	$\frac{1}{12}$	$\frac{25}{216}$	$\frac{191}{1080}$	$\frac{11}{36}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
43192	889	144	$\frac{1}{12}$	$\frac{17}{144}$	$\frac{25}{144}$	$\frac{11}{36}$	$\Phi_{144}^6\ \Phi_{72}^6\ \Phi_{48}^6\ \Phi_{36}^7\ \Phi_{24}^6\ \Phi_{18}^7\ \Phi_{16}^6\ \Phi_{12}^6\ \Phi_9^7\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
43193	889	180	$\frac{1}{12}$	$\frac{7}{60}$	$\frac{11}{60}$	$\frac{53}{180}$	$\Phi_{180}^7\ \Phi_{90}^7\ \Phi_{60}\ \Phi_{45}^7\ \Phi_{36}^7\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^7\ \Phi_{15}\ \Phi_{10}\ \Phi_9^7\ \Phi_5\ \Phi_1$
43194	889	144	$\frac{17}{144}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{144}^7\ \Phi_{72}^7\ \Phi_{48}^7\ \Phi_{36}^7\ \Phi_{18}^7\ \Phi_{16}^7\ \Phi_9^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
43195	889	148	$\frac{15}{148}$	$\frac{19}{148}$	$\frac{21}{148}$	$\frac{43}{148}$	$\Phi_{148}^6\ \Phi_{74}^6\ \Phi_{37}^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
43196	889	960	$\frac{71}{960}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
43197	889	1152	$\frac{25}{288}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{263}{1152}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
43198	889	160	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{160}$	$\Phi_{160}^7\ \Phi_{80}^7\ \Phi_{32}^7\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
43199	890	1416	$\frac{1}{177}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{88}{177}$	$\Phi_{1416}\ \Phi_{472}\ \Phi_{177}\ \Phi_{59}\ \Phi_{24}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
43200	890	762	$\frac{1}{127}$	$\frac{64}{381}$	$\frac{317}{762}$	$\frac{63}{127}$	$\Phi_{762}^{2}\ \Phi_{254}^{2}\ \Phi_{127}\ \Phi_{6}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
43201	890	882	$\frac{4}{441}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{437}{882}$	$\Phi_{882}^{2}\ \Phi_{294}^{2}\ \Phi_{126}^{2}\ \Phi_{98}^{2}\ \Phi_{42}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
43202	890	1584	$\frac{1}{88}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{87}{176}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}^{2}\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
43203	890	528	$\frac{1}{88}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{87}{176}$	$\Phi_{528}^{3}\ \Phi_{176}^{4}\ \Phi_{48}^{3}\ \Phi_{16}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
43204	890	175	$\frac{3}{175}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{86}{175}$	$\Phi_{175}^{5}\ \Phi_{35}^{5}\ \Phi_{25}^{5}\ \Phi_{7}^{7}\ \Phi_{5}^{5}\ \Phi_{1}^{8}$
43205	890	1914	$\frac{2}{87}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{1914}\ \Phi_{638}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
43206	890	127	$\frac{3}{127}$	$\frac{13}{127}$	$\frac{38}{127}$	$\frac{62}{127}$	$\Phi_{127}^{7}\ \Phi_{1}^{8}$
43207	890	868	$\frac{11}{434}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{423}{868}$	$\Phi_{868}^{2}\ \Phi_{124}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
43208	890	1320	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}$
43209	890	1870	$\frac{4}{85}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{81}{170}$	$\Phi_{1870}\ \Phi_{374}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
43210	890	1188	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
43211	890	1848	$\frac{5}{84}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{79}{168}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
43212	890	168	$\frac{5}{84}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{79}{168}$	$\Phi_{168}^{10}\ \Phi_{56}^{10}\ \Phi_{28}^{2}\ \Phi_{24}^{10}\ \Phi_{14}^{2}\ \Phi_{8}^{10}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
43213	890	1782	$\frac{1}{11}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{162}$	$\Phi_{1782}\ \Phi_{594}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
43214	890	1100	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{9}{20}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
43215	890	396	$\frac{1}{44}$	$\frac{1}{9}$	$\frac{43}{132}$	$\frac{4}{9}$	$\Phi_{396}^{2}\ \Phi_{198}^{2}\ \Phi_{132}^{3}\ \Phi_{99}^{2}\ \Phi_{66}^{3}\ \Phi_{44}^{2}\ \Phi_{36}^{2}\ \Phi_{33}^{3}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{11}^{2}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
43216	890	828	$\frac{3}{92}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{138}\ \Phi_{92}^{2}\ \Phi_{69}\ \Phi_{46}^{2}\ \Phi_{23}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
43217	890	990	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{21}{110}$	$\frac{4}{9}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}^{2}\ \Phi_{90}\ \Phi_{55}^{2}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
43218	890	288	$\frac{7}{96}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{288}^{3}\ \Phi_{144}^{3}\ \Phi_{96}^{4}\ \Phi_{72}^{2}\ \Phi_{48}^{4}\ \Phi_{36}^{2}\ \Phi_{32}^{4}\ \Phi_{24}^{3}\ \Phi_{18}^{2}\ \Phi_{16}^{4}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
43219	890	99	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{99}^{9}\ \Phi_{33}^{9}\ \Phi_{11}^{8}\ \Phi_{9}^{10}\ \Phi_{3}^{10}\ \Phi_{1}^{10}$
43220	890	1760	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{160}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
43221	890	784	$\frac{3}{56}$	$\frac{53}{392}$	$\frac{1}{7}$	$\frac{339}{784}$	$\Phi_{784}^{2}\ \Phi_{112}^{2}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
43222	890	91	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{91}^{10}\ \Phi_{13}^{10}\ \Phi_{7}^{7}\ \Phi_{1}^{8}$
43223	890	588	$\frac{4}{147}$	$\frac{1}{7}$	$\frac{143}{588}$	$\frac{3}{7}$	$\Phi_{588}^{2}\ \Phi_{294}^{2}\ \Phi_{196}^{2}\ \Phi_{98}^{2}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
43224	890	462	$\frac{17}{462}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{462}^{2}\ \Phi_{231}^{2}\ \Phi_{154}^{2}\ \Phi_{77}^{2}\ \Phi_{66}^{2}\ \Phi_{42}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{14}^{2}\ \Phi_{11}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
43225	890	504	$\frac{4}{63}$	$\frac{59}{504}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{168}^{2}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{72}^{2}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
43226	890	98	$\frac{4}{49}$	$\frac{9}{98}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{98}^{10}\ \Phi_{49}^{8}\ \Phi_{14}^{10}\ \Phi_{7}^{9}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
43227	890	1056	$\frac{7}{96}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
43228	890	1650	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{14}{75}$	$\frac{61}{150}$	$\Phi_{1650}\ \Phi_{550}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}$
43229	890	127	$\frac{2}{127}$	$\frac{25}{127}$	$\frac{38}{127}$	$\frac{51}{127}$	$\Phi_{127}^{7}\ \Phi_{1}^{8}$
43230	890	1584	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{17}{72}$	$\frac{55}{144}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{198}\ \Phi_{176}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
43231	890	360	$\frac{1}{90}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{360}^{4}\ \Phi_{120}^{4}\ \Phi_{90}^{2}\ \Phi_{72}^{4}\ \Phi_{45}^{2}\ \Phi_{40}^{4}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
43232	890	472	$\frac{1}{59}$	$\frac{29}{118}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{472}^{3}\ \Phi_{118}^{2}\ \Phi_{59}\ \Phi_{8}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
43233	890	672	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{109}{336}$	$\frac{227}{672}$	$\Phi_{672}^{2}\ \Phi_{224}^{2}\ \Phi_{112}^{2}\ \Phi_{96}^{2}\ \Phi_{56}^{2}\ \Phi_{32}^{2}\ \Phi_{28}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
43234	890	132	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{43}{132}$	$\frac{1}{3}$	$\Phi_{132}^{7}\ \Phi_{66}^{7}\ \Phi_{44}^{6}\ \Phi_{33}^{7}\ \Phi_{22}^{6}\ \Phi_{12}^{7}\ \Phi_{11}^{6}\ \Phi_{6}^{9}\ \Phi_{4}^{6}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
43235	890	276	$\frac{3}{92}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{276}^{3}\ \Phi_{138}^{3}\ \Phi_{92}^{4}\ \Phi_{69}^{3}\ \Phi_{46}^{4}\ \Phi_{23}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
43236	890	330	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{21}{110}$	$\frac{1}{3}$	$\Phi_{330}^{3}\ \Phi_{165}^{3}\ \Phi_{110}^{4}\ \Phi_{55}^{4}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
43237	890	96	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{96}^{10}\ \Phi_{48}^{10}\ \Phi_{32}^{10}\ \Phi_{24}^{7}\ \Phi_{16}^{10}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{9}\ \Phi_{4}^{6}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
43238	890	198	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{198}^{6}\ \Phi_{99}^{4}\ \Phi_{66}^{4}\ \Phi_{33}^{3}\ \Phi_{22}^{4}\ \Phi_{18}^{6}\ \Phi_{11}^{2}\ \Phi_{9}^{4}\ \Phi_{6}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{4}$
43239	890	504	$\frac{3}{28}$	$\frac{59}{504}$	$\frac{1}{7}$	$\frac{25}{84}$	$\Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{168}^{2}\ \Phi_{126}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{56}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
43240	890	1188	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
43241	890	1386	$\frac{1}{11}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{126}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
43242	890	105	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{105}$	$\frac{2}{7}$	$\Phi_{105}^{10}\ \Phi_{35}^{5}\ \Phi_{21}^{10}\ \Phi_{15}^{10}\ \Phi_{7}^{7}\ \Phi_{5}^{5}\ \Phi_{3}^{10}\ \Phi_{1}^{8}$
43243	890	1320	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}$
43244	890	112	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{23}{112}$	$\Phi_{112}^{10}\ \Phi_{56}^{10}\ \Phi_{28}^{2}\ \Phi_{16}^{10}\ \Phi_{14}^{2}\ \Phi_{8}^{10}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
43245	891	1424	$\frac{1}{178}$	$\frac{179}{712}$	$\frac{533}{1424}$	$\frac{177}{356}$	$\Phi_{1424}\ \Phi_{356}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
43246	891	784	$\frac{1}{98}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{97}{196}$	$\Phi_{784}^{2}\ \Phi_{196}\ \Phi_{112}^{2}\ \Phi_{28}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
43247	891	196	$\frac{1}{98}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{97}{196}$	$\Phi_{196}^{5}\ \Phi_{98}^{4}\ \Phi_{49}^{4}\ \Phi_{28}^{5}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
43248	891	160	$\frac{1}{80}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{79}{160}$	$\Phi_{160}^{11}\ \Phi_{32}^{11}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
43249	891	480	$\frac{1}{80}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{79}{160}$	$\Phi_{480}^{5}\ \Phi_{160}\ \Phi_{96}^{5}\ \Phi_{32}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
43250	891	580	$\frac{7}{290}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{283}{580}$	$\Phi_{580}^{3}\ \Phi_{116}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43251	891	400	$\frac{3}{100}$	$\frac{1}{10}$	$\frac{103}{400}$	$\frac{97}{200}$	$\Phi_{400}^{3}\ \Phi_{100}^{3}\ \Phi_{80}^{3}\ \Phi_{50}^{3}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43252	891	832	$\frac{1}{32}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{31}{64}$	$\Phi_{832}^{2}\ \Phi_{64}^{3}\ \Phi_{52}\ \Phi_{4}\ \Phi_{1}$
43253	891	832	$\frac{1}{32}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{31}{64}$	$\Phi_{832}^{2}\ \Phi_{64}^{3}\ \Phi_{13}^{2}\ \Phi_{1}^{3}$
43254	891	320	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{320}^{6}\ \Phi_{64}^{3}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
43255	891	208	$\frac{1}{26}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{25}{52}$	$\Phi_{208}^{4}\ \Phi_{104}^{4}\ \Phi_{52}^{5}\ \Phi_{26}^{4}\ \Phi_{16}^{6}\ \Phi_{13}^{4}\ \Phi_{8}^{6}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
43256	891	156	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{156}^{6}\ \Phi_{78}^{6}\ \Phi_{52}^{5}\ \Phi_{39}^{6}\ \Phi_{26}^{4}\ \Phi_{13}^{4}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{7}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
43257	891	520	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{25}{52}$	$\Phi_{520}^{2}\ \Phi_{260}^{2}\ \Phi_{130}^{2}\ \Phi_{65}^{2}\ \Phi_{52}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
43258	891	190	$\frac{4}{95}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{91}{190}$	$\Phi_{190}^{4}\ \Phi_{95}^{5}\ \Phi_{38}^{4}\ \Phi_{19}^{5}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
43259	891	1700	$\frac{41}{850}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{809}{1700}$	$\Phi_{1700}\ \Phi_{340}\ \Phi_{100}\ \Phi_{68}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
43260	891	40	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{7}{40}$	$\frac{19}{40}$	$\Phi_{40}^{18}\ \Phi_{20}^{27}\ \Phi_{10}^{26}\ \Phi_{8}^{18}\ \Phi_{5}^{26}\ \Phi_{4}^{27}\ \Phi_{2}^{26}\ \Phi_{1}^{27}$
43261	891	560	$\frac{17}{280}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{263}{560}$	$\Phi_{560}^{3}\ \Phi_{112}^{3}\ \Phi_{80}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43262	891	1000	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{109}{1000}$	$\frac{91}{200}$	$\Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
43263	891	40	$\frac{1}{40}$	$\frac{1}{10}$	$\frac{13}{40}$	$\frac{9}{20}$	$\Phi_{40}^{22}\ \Phi_{20}^{23}\ \Phi_{10}^{22}\ \Phi_{8}^{22}\ \Phi_{5}^{22}\ \Phi_{4}^{23}\ \Phi_{2}^{22}\ \Phi_{1}^{23}$
43264	891	920	$\frac{29}{920}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{184}\ \Phi_{115}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
43265	891	140	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{35}^{6}\ \Phi_{28}^{9}\ \Phi_{20}^{5}\ \Phi_{14}^{9}\ \Phi_{10}^{4}\ \Phi_{7}^{9}\ \Phi_{5}^{4}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
43266	891	340	$\frac{4}{85}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{340}^{5}\ \Phi_{85}\ \Phi_{68}^{5}\ \Phi_{20}\ \Phi_{17}\ \Phi_{4}\ \Phi_{1}$
43267	891	100	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{19}{100}$	$\frac{9}{20}$	$\Phi_{100}^{11}\ \Phi_{50}^{11}\ \Phi_{25}^{11}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
43268	891	160	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{5}{32}$	$\frac{9}{20}$	$\Phi_{160}^{6}\ \Phi_{80}^{4}\ \Phi_{40}^{4}\ \Phi_{32}^{9}\ \Phi_{20}^{5}\ \Phi_{16}^{6}\ \Phi_{10}^{4}\ \Phi_{8}^{6}\ \Phi_{5}^{4}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
43269	891	320	$\frac{23}{320}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{80}^{2}\ \Phi_{64}^{3}\ \Phi_{40}^{2}\ \Phi_{32}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43270	891	440	$\frac{7}{88}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{440}^{2}\ \Phi_{220}^{2}\ \Phi_{110}^{2}\ \Phi_{88}^{3}\ \Phi_{55}^{2}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{20}\ \Phi_{11}^{3}\ \Phi_{4}\ \Phi_{1}$
43271	891	20	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{20}^{81}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{81}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
43272	891	1600	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{800}$	$\frac{709}{1600}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
43273	891	784	$\frac{1}{49}$	$\frac{1}{8}$	$\frac{16}{49}$	$\frac{7}{16}$	$\Phi_{784}^{2}\ \Phi_{112}^{2}\ \Phi_{49}^{2}\ \Phi_{16}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
43274	891	272	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{272}^{6}\ \Phi_{68}^{2}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
43275	891	560	$\frac{2}{35}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{560}^{3}\ \Phi_{112}^{2}\ \Phi_{80}^{3}\ \Phi_{35}^{3}\ \Phi_{16}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
43276	891	112	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{112}^{7}\ \Phi_{56}^{9}\ \Phi_{28}^{9}\ \Phi_{16}^{8}\ \Phi_{14}^{8}\ \Phi_{8}^{9}\ \Phi_{7}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
43277	891	784	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{784}^{2}\ \Phi_{112}^{2}\ \Phi_{49}^{2}\ \Phi_{16}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
43278	891	240	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{240}^{8}\ \Phi_{80}^{6}\ \Phi_{60}^{2}\ \Phi_{48}^{4}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
43279	891	320	$\frac{23}{320}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{80}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43280	891	500	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{47}{250}$	$\frac{203}{500}$	$\Phi_{500}^{3}\ \Phi_{100}^{3}\ \Phi_{50}^{3}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43281	891	295	$\frac{4}{295}$	$\frac{1}{5}$	$\frac{97}{295}$	$\frac{2}{5}$	$\Phi_{295}^{3}\ \Phi_{59}^{3}\ \Phi_{5}^{4}\ \Phi_{1}^{5}$
43282	891	738	$\frac{1}{82}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{738}\ \Phi_{369}\ \Phi_{246}^{2}\ \Phi_{123}^{2}\ \Phi_{82}\ \Phi_{41}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
43283	891	160	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{19}{80}$	$\frac{61}{160}$	$\Phi_{160}^{9}\ \Phi_{32}^{9}\ \Phi_{20}^{9}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
43284	891	656	$\frac{1}{82}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{656}^{2}\ \Phi_{164}^{2}\ \Phi_{82}\ \Phi_{41}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
43285	891	544	$\frac{1}{34}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{544}^{2}\ \Phi_{272}^{2}\ \Phi_{68}^{2}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
43286	891	520	$\frac{5}{104}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}^{2}\ \Phi_{260}^{2}\ \Phi_{130}^{2}\ \Phi_{104}\ \Phi_{65}^{2}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}^{2}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
43287	891	238	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{238}^{4}\ \Phi_{119}^{4}\ \Phi_{34}^{3}\ \Phi_{17}^{3}\ \Phi_{14}\ \Phi_{7}^{3}\ \Phi_{1}^{3}$
43288	891	50	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{8}{25}$	$\frac{17}{50}$	$\Phi_{50}^{17}\ \Phi_{25}^{19}\ \Phi_{10}^{16}\ \Phi_{5}^{18}\ \Phi_{2}^{16}\ \Phi_{1}^{19}$
43289	891	196	$\frac{1}{49}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{16}{49}$	$\Phi_{196}^{4}\ \Phi_{98}^{4}\ \Phi_{49}^{6}\ \Phi_{28}^{4}\ \Phi_{14}^{4}\ \Phi_{7}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
43290	891	89	$\frac{2}{89}$	$\frac{20}{89}$	$\frac{23}{89}$	$\frac{29}{89}$	$\Phi_{89}^{10}\ \Phi_{1}^{11}$
43291	891	596	$\frac{7}{298}$	$\frac{67}{298}$	$\frac{1}{4}$	$\frac{97}{298}$	$\Phi_{596}^{2}\ \Phi_{298}\ \Phi_{149}\ \Phi_{4}\ \Phi_{1}$
43292	891	120	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{13}{40}$	$\Phi_{120}^{10}\ \Phi_{60}^{10}\ \Phi_{40}^{2}\ \Phi_{30}^{10}\ \Phi_{24}^{10}\ \Phi_{20}^{2}\ \Phi_{15}^{11}\ \Phi_{12}^{10}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{10}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{11}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43293	891	208	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{5}{16}$	$\Phi_{208}^{4}\ \Phi_{104}^{4}\ \Phi_{52}^{4}\ \Phi_{26}^{4}\ \Phi_{16}^{6}\ \Phi_{13}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
43294	891	80	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{80}^{12}\ \Phi_{40}^{12}\ \Phi_{20}^{14}\ \Phi_{16}^{6}\ \Phi_{10}^{13}\ \Phi_{8}^{6}\ \Phi_{5}^{13}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
43295	891	445	$\frac{28}{445}$	$\frac{34}{445}$	$\frac{137}{445}$	$\frac{139}{445}$	$\Phi_{445}^{2}\ \Phi_{89}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
43296	891	100	$\frac{7}{100}$	$\frac{1}{10}$	$\frac{23}{100}$	$\frac{31}{100}$	$\Phi_{100}^{9}\ \Phi_{50}^{9}\ \Phi_{25}^{9}\ \Phi_{20}^{9}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
43297	891	156	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{156}^{6}\ \Phi_{78}^{6}\ \Phi_{52}^{4}\ \Phi_{39}^{6}\ \Phi_{26}^{4}\ \Phi_{13}^{6}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{6}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
43298	891	520	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{4}{13}$	$\Phi_{520}^{2}\ \Phi_{260}^{2}\ \Phi_{130}^{2}\ \Phi_{65}^{2}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{13}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
43299	891	445	$\frac{37}{445}$	$\frac{38}{445}$	$\frac{103}{445}$	$\frac{136}{445}$	$\Phi_{445}^{2}\ \Phi_{89}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
43300	891	596	$\frac{23}{298}$	$\frac{25}{298}$	$\frac{1}{4}$	$\frac{91}{298}$	$\Phi_{596}^{2}\ \Phi_{298}\ \Phi_{149}\ \Phi_{4}\ \Phi_{1}$
43301	891	492	$\frac{1}{12}$	$\frac{7}{82}$	$\frac{19}{82}$	$\frac{25}{82}$	$\Phi_{492}^{2}\ \Phi_{246}^{2}\ \Phi_{164}^{2}\ \Phi_{123}^{2}\ \Phi_{82}\ \Phi_{41}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
43302	891	40	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{40}^{27}\ \Phi_{20}^{27}\ \Phi_{10}^{8}\ \Phi_{8}^{27}\ \Phi_{5}^{8}\ \Phi_{4}^{27}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
43303	891	445	$\frac{31}{445}$	$\frac{46}{445}$	$\frac{104}{445}$	$\frac{133}{445}$	$\Phi_{445}^{2}\ \Phi_{89}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
43304	891	596	$\frac{19}{298}$	$\frac{31}{298}$	$\frac{1}{4}$	$\frac{89}{298}$	$\Phi_{596}^{2}\ \Phi_{298}\ \Phi_{149}\ \Phi_{4}\ \Phi_{1}$
43305	891	140	$\frac{1}{10}$	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{41}{140}$	$\Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{35}^{6}\ \Phi_{28}^{6}\ \Phi_{20}^{9}\ \Phi_{14}^{6}\ \Phi_{10}^{8}\ \Phi_{7}^{6}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
43306	891	175	$\frac{2}{35}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{175}^{5}\ \Phi_{35}^{7}\ \Phi_{25}^{3}\ \Phi_{7}^{7}\ \Phi_{5}^{4}\ \Phi_{1}^{5}$
43307	891	420	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{60}^{2}\ \Phi_{42}^{3}\ \Phi_{30}^{2}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{7}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43308	891	255	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{255}^{5}\ \Phi_{85}\ \Phi_{51}^{5}\ \Phi_{17}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
43309	891	300	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{300}^{5}\ \Phi_{150}^{5}\ \Phi_{100}\ \Phi_{75}^{5}\ \Phi_{50}\ \Phi_{25}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
43310	891	480	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{480}^3\ \Phi_{240}^2\ \Phi_{120}^2\ \Phi_{96}^3\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{32}^3\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
43311	891	1320	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_3\ \Phi_1$
43312	891	30	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{30}^{40}\ \Phi_{15}^{41}\ \Phi_{10}^8\ \Phi_6^{40}\ \Phi_5^8\ \Phi_3^{41}\ \Phi_2^8\ \Phi_1^9$
43313	891	400	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{400}$	$\frac{103}{400}$	$\Phi_{400}^2\ \Phi_{200}^2\ \Phi_{100}^3\ \Phi_{80}^2\ \Phi_{50}^3\ \Phi_{40}^2\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
43314	891	68	$\frac{1}{34}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{68}^{14}\ \Phi_{34}^{13}\ \Phi_{17}^{13}\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
43315	891	140	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^6\ \Phi_{70}^6\ \Phi_{35}^9\ \Phi_{28}^4\ \Phi_{20}^6\ \Phi_{14}^4\ \Phi_{10}^6\ \Phi_7^6\ \Phi_5^9\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
43316	891	112	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{112}^9\ \Phi_{56}^9\ \Phi_{28}^5\ \Phi_{16}^9\ \Phi_{14}^4\ \Phi_8^9\ \Phi_7^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
43317	891	196	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{196}^4\ \Phi_{98}^4\ \Phi_{49}^6\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_7^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
43318	891	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{60}^{18}\ \Phi_{30}^{18}\ \Phi_{20}^{14}\ \Phi_{15}^{18}\ \Phi_{12}^9\ \Phi_{10}^{13}\ \Phi_6^9\ \Phi_5^{13}\ \Phi_4^7\ \Phi_3^9\ \Phi_2^6\ \Phi_1^7$
43319	891	640	$\frac{3}{32}$	$\frac{1}{10}$	$\frac{29}{128}$	$\frac{1}{4}$	$\Phi_{640}^2\ \Phi_{320}^2\ \Phi_{128}\ \Phi_{64}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
43320	891	560	$\frac{1}{10}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}\ \Phi_{70}^2\ \Phi_{56}\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
43321	891	40	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{40}^{21}\ \Phi_{20}^{23}\ \Phi_{10}^{22}\ \Phi_8^{24}\ \Phi_5^{22}\ \Phi_4^{25}\ \Phi_2^{24}\ \Phi_1^{25}$
43322	892	444	$\frac{1}{222}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{221}{444}$	$\Phi_{444}^4\ \Phi_{148}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
43323	892	894	$\frac{1}{149}$	$\frac{75}{298}$	$\frac{1}{3}$	$\frac{74}{149}$	$\Phi_{894}^2\ \Phi_{447}\ \Phi_6^2$
43324	892	396	$\frac{1}{99}$	$\frac{25}{198}$	$\frac{173}{396}$	$\frac{49}{99}$	$\Phi_{396}^4\ \Phi_{132}^4\ \Phi_{99}\ \Phi_{44}^4\ \Phi_{36}^4\ \Phi_{33}\ \Phi_{12}^4\ \Phi_{11}\ \Phi_9\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
43325	892	297	$\frac{1}{99}$	$\frac{74}{297}$	$\frac{25}{99}$	$\frac{49}{99}$	$\Phi_{297}^4\ \Phi_{99}\ \Phi_{33}\ \Phi_{27}^4\ \Phi_{11}\ \Phi_9\ \Phi_3\ \Phi_1^2$
43326	892	441	$\frac{5}{441}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{218}{441}$	$\Phi_{441}^2\ \Phi_{147}^2\ \Phi_{63}^2\ \Phi_{49}^2\ \Phi_{21}^2\ \Phi_9^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^4$
43327	892	405	$\frac{1}{81}$	$\frac{41}{405}$	$\frac{182}{405}$	$\frac{40}{81}$	$\Phi_{405}^2\ \Phi_{135}^2\ \Phi_{81}^3\ \Phi_{45}^2\ \Phi_{27}^3\ \Phi_{15}^2\ \Phi_9^3\ \Phi_5^2\ \Phi_3^3\ \Phi_1^4$
43328	892	440	$\frac{3}{220}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{217}{440}$	$\Phi_{440}^4\ \Phi_{88}^4\ \Phi_{40}^4\ \Phi_{11}\ \Phi_8^4\ \Phi_1^2$
43329	892	440	$\frac{3}{220}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{217}{440}$	$\Phi_{440}^4\ \Phi_{88}^4\ \Phi_{40}^4\ \Phi_{20}\ \Phi_{10}\ \Phi_8^4$
43330	892	2170	$\frac{6}{217}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{211}{434}$	$\Phi_{2170}\ \Phi_{310}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
43331	892	429	$\frac{1}{33}$	$\frac{17}{429}$	$\frac{206}{429}$	$\frac{16}{33}$	$\Phi_{429}^2\ \Phi_{143}^2\ \Phi_{39}^2\ \Phi_{33}^3\ \Phi_{13}^2\ \Phi_{11}^3\ \Phi_3^3\ \Phi_1^4$
43332	892	1280	$\frac{1}{32}$	$\frac{33}{256}$	$\frac{1}{5}$	$\frac{31}{64}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
43333	892	432	$\frac{7}{216}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{209}{432}$	$\Phi_{432}^4\ \Phi_{144}^4\ \Phi_{48}^4\ \Phi_{27}\ \Phi_{16}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
43334	892	432	$\frac{7}{216}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{209}{432}$	$\Phi_{432}^4\ \Phi_{144}^4\ \Phi_{48}^4\ \Phi_{16}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
43335	892	2160	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{209}{432}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{240}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
43336	892	324	$\frac{1}{27}$	$\frac{7}{108}$	$\frac{101}{324}$	$\frac{13}{27}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{81}^4\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
43337	892	243	$\frac{1}{27}$	$\frac{20}{243}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{243}^4\ \Phi_{81}^4\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
43338	892	270	$\frac{1}{27}$	$\frac{7}{54}$	$\frac{47}{270}$	$\frac{13}{27}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{27}\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
43339	892	855	$\frac{37}{855}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{409}{855}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{171}\ \Phi_{95}\ \Phi_{57}\ \Phi_{45}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
43340	892	270	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{47}{270}$	$\frac{43}{90}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{54}^4\ \Phi_{45}^4\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
43341	892	420	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{197}{420}$	$\Phi_{420}^4\ \Phi_{140}^4\ \Phi_{84}^4\ \Phi_{70}\ \Phi_{60}^4\ \Phi_{35}\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_{10}\ \Phi_4^4$
43342	892	2080	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{1}{5}$	$\frac{193}{416}$	$\Phi_{2080}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
43343	892	330	$\frac{3}{110}$	$\frac{1}{11}$	$\frac{107}{330}$	$\frac{5}{11}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{11}\ \Phi_6^4\ \Phi_3^4\ \Phi_1^2$
43344	892	231	$\frac{8}{231}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{231}^4\ \Phi_{77}^4\ \Phi_{33}^4\ \Phi_{21}^4\ \Phi_{11}\ \Phi_7^4\ \Phi_3^4\ \Phi_1^2$
43345	892	275	$\frac{3}{55}$	$\frac{1}{11}$	$\frac{52}{275}$	$\frac{5}{11}$	$\Phi_{275}^4\ \Phi_{25}^4\ \Phi_{11}\ \Phi_1^2$
43346	892	264	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{41}{264}$	$\frac{5}{11}$	$\Phi_{264}^4\ \Phi_{132}^4\ \Phi_{88}^4\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_{11}\ \Phi_8^4\ \Phi_6^4\ \Phi_3^4\ \Phi_1^2$
43347	892	242	$\frac{19}{242}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{242}^4\ \Phi_{121}^4\ \Phi_{11}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
43348	892	495	$\frac{1}{11}$	$\frac{49}{495}$	$\frac{6}{55}$	$\frac{5}{11}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
43349	892	405	$\frac{4}{45}$	$\frac{41}{405}$	$\frac{1}{9}$	$\frac{182}{405}$	$\Phi_{405}^2\ \Phi_{135}^2\ \Phi_{81}^2\ \Phi_{45}^4\ \Phi_{27}^2\ \Phi_{15}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
43350	892	252	$\frac{5}{63}$	$\frac{1}{9}$	$\frac{29}{252}$	$\frac{4}{9}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{63}^2\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_7^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
43351	892	396	$\frac{1}{33}$	$\frac{25}{198}$	$\frac{8}{33}$	$\frac{173}{396}$	$\Phi_{396}^4\ \Phi_{132}^4\ \Phi_{44}^4\ \Phi_{36}^4\ \Phi_{33}^3\ \Phi_{12}^4\ \Phi_{11}^3\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
43352	892	1960	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{1}{5}$	$\frac{169}{392}$	$\Phi_{1960}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
43353	892	1920	$\frac{1}{32}$	$\frac{31}{192}$	$\frac{1}{5}$	$\frac{161}{384}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
43354	892	234	$\frac{11}{234}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{234}^4\ \Phi_{117}^4\ \Phi_{78}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
43355	892	729	$\frac{1}{81}$	$\frac{163}{729}$	$\frac{80}{243}$	$\frac{283}{729}$	$\Phi_{729}\ \Phi_{243}^2\ \Phi_{81}\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
43356	892	360	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{43}{180}$	$\frac{137}{360}$	$\Phi_{360}^4\ \Phi_{120}^4\ \Phi_{72}^4\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{24}^4\ \Phi_{15}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
43357	892	264	$\frac{1}{33}$	$\frac{41}{264}$	$\frac{8}{33}$	$\frac{25}{66}$	$\Phi_{264}^4\ \Phi_{132}^4\ \Phi_{88}^4\ \Phi_{44}^4\ \Phi_{33}^3\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_{11}^3\ \Phi_8^4\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
43358	892	324	$\frac{1}{81}$	$\frac{20}{81}$	$\frac{101}{324}$	$\frac{61}{162}$	$\Phi_{324}^4\ \Phi_{108}^4\ \Phi_{81}^3\ \Phi_{36}^4\ \Phi_{27}^3\ \Phi_{12}^4\ \Phi_9^3\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
43359	892	693	$\frac{1}{33}$	$\frac{32}{231}$	$\frac{199}{693}$	$\frac{247}{693}$	$\Phi_{693}\ \Phi_{231}^2\ \Phi_{99}\ \Phi_{77}^2\ \Phi_{63}\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{11}\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
43360	892	675	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{217}{675}$	$\frac{229}{675}$	$\Phi_{675}\ \Phi_{225}^2\ \Phi_{135}\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{27}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
43361	892	1680	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{55}{168}$	$\frac{113}{336}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{280}\ \Phi_{240}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
43362	892	225	$\frac{2}{225}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{225}^4\ \Phi_{75}^4\ \Phi_{45}^4\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
43363	892	333	$\frac{1}{111}$	$\frac{110}{333}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{333}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
43364	892	888	$\frac{1}{74}$	$\frac{73}{296}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{888}\ \Phi_{444}\ \Phi_{296}^2\ \Phi_{148}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
43365	892	555	$\frac{2}{111}$	$\frac{109}{555}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{555}^2\ \Phi_{185}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
43366	892	228	$\frac{5}{228}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{228}^4\ \Phi_{114}^4\ \Phi_{76}^4\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
43367	892	777	$\frac{1}{37}$	$\frac{36}{259}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{777}\ \Phi_{259}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
43368	892	1440	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{65}{288}$	$\frac{31}{96}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{160}\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
43369	892	324	$\frac{7}{108}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{101}{324}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{81}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
43370	892	1260	$\frac{1}{14}$	$\frac{29}{252}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{180}\ \Phi_{140}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}\ \Phi_{45}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
43371	892	270	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{47}{270}$	$\frac{41}{135}$	$\Phi_{270}^4\ \Phi_{135}^2\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{27}^2\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^3\ \Phi_6^4\ \Phi_5^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
43372	892	240	$\frac{17}{240}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{240}^4\ \Phi_{120}^3\ \Phi_{80}^4\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
43373	892	243	$\frac{20}{243}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{243}^4\ \Phi_{81}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
43374	892	297	$\frac{1}{33}$	$\frac{8}{33}$	$\frac{74}{297}$	$\frac{25}{99}$	$\Phi_{297}^4\ \Phi_{33}^3\ \Phi_{27}^4\ \Phi_{11}^3\ \Phi_3^3\ \Phi_1^4$
43375	892	1320	$\frac{3}{44}$	$\frac{41}{264}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{165}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
43376	892	240	$\frac{17}{240}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}\ \Phi_8^4\ \Phi_6^4\ \Phi_3^4$
43377	892	288	$\frac{7}{72}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{65}{288}$	$\Phi_{288}^4\ \Phi_{144}^4\ \Phi_{96}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{16}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
43378	892	1440	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{65}{288}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
43379	892	252	$\frac{1}{9}$	$\frac{29}{252}$	$\frac{7}{36}$	$\frac{2}{9}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_9^3\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
43380	892	270	$\frac{1}{9}$	$\frac{7}{54}$	$\frac{47}{270}$	$\frac{2}{9}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
43381	892	280	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1}{5}$	$\frac{57}{280}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{35}\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{10}\ \Phi_8^4\ \Phi_4^4$
43382	893	1776	$\frac{5}{888}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{883}{1776}$	$\Phi_{1776}\ \Phi_{592}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
43383	893	1760	$\frac{13}{880}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{867}{1760}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{160}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
43384	893	828	$\frac{1}{46}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{45}{92}$	$\Phi_{414}^2\ \Phi_{207}^2\ \Phi_{138}^2\ \Phi_{92}\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{36}\ \Phi_{23}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
43385	893	1932	$\frac{1}{46}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{92}\ \Phi_{84}\ \Phi_{28}\ \Phi_{21}\ \Phi_7\ \Phi_4\ \Phi_1$
43386	893	2484	$\frac{1}{46}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{45}{92}$	$\Phi_{2484}\ \Phi_{108}\ \Phi_{92}\ \Phi_{27}\ \Phi_4\ \Phi_1$
43387	893	552	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{45}{92}$	$\Phi_{552}^2\ \Phi_{184}^2\ \Phi_{138}^2\ \Phi_{92}\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{24}^3\ \Phi_{23}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
43388	893	1024	$\frac{3}{128}$	$\frac{131}{1024}$	$\frac{1}{4}$	$\frac{125}{256}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
43389	893	1736	$\frac{25}{868}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{843}{1736}$	$\Phi_{1736}\ \Phi_{248}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
43390	893	1728	$\frac{29}{864}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{835}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
43391	893	180	$\frac{2}{45}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{180}^5\ \Phi_{90}^4\ \Phi_{60}^6\ \Phi_{45}^5\ \Phi_{36}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{18}^4\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_9^5\ \Phi_6^5\ \Phi_5^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
43392	893	828	$\frac{1}{23}$	$\frac{1}{18}$	$\frac{22}{69}$	$\frac{17}{36}$	$\Phi_{828}^2\ \Phi_{276}^2\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{36}^3\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
43393	893	320	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{320}^4\ \Phi_{80}^4\ \Phi_{64}^3\ \Phi_{40}^4\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
43394	893	1680	$\frac{3}{56}$	$\frac{53}{840}$	$\frac{1}{4}$	$\frac{787}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
43395	893	440	$\frac{1}{20}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{440}^4\ \Phi_{88}^3\ \Phi_{40}^4\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
43396	893	1664	$\frac{3}{64}$	$\frac{61}{832}$	$\frac{1}{4}$	$\frac{771}{1664}$	$\Phi_{1664}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
43397	893	420	$\frac{1}{20}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^4\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
43398	893	1568	$\frac{3}{112}$	$\frac{109}{784}$	$\frac{1}{4}$	$\frac{675}{1568}$	$\Phi_{1568}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
43399	893	1536	$\frac{3}{128}$	$\frac{125}{768}$	$\frac{1}{4}$	$\frac{643}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
43400	893	80	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{80}^{19}\ \Phi_{40}^4\ \Phi_{20}^3\ \Phi_{16}^{19}\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
43401	893	96	$\frac{1}{48}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{96}^{16}\ \Phi_{48}^3\ \Phi_{32}^{15}\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
43402	893	1184	$\frac{5}{296}$	$\frac{291}{1184}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1184}\ \Phi_{592}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
43403	893	48	$\frac{1}{48}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{48}^{19}\ \Phi_{24}^{18}\ \Phi_{16}^{19}\ \Phi_{12}^{18}\ \Phi_8^{19}\ \Phi_6^{18}\ \Phi_4^{18}\ \Phi_3^{18}\ \Phi_2^{18}\ \Phi_1^{19}$
43404	893	240	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^3\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{16}^3\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
43405	893	360	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{360}^4\ \Phi_{120}^4\ \Phi_{72}^3\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
43406	893	1344	$\frac{3}{224}$	$\frac{1}{4}$	$\frac{221}{672}$	$\frac{451}{1344}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
43407	893	483	$\frac{1}{23}$	$\frac{2}{21}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{483}^2\ \Phi_{161}^2\ \Phi_{69}\ \Phi_{21}^3\ \Phi_7^3\ \Phi_3\ \Phi_1$
43408	893	540	$\frac{1}{20}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}\ \Phi_{60}^2\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
43409	893	60	$\frac{1}{20}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{60}^{15}\ \Phi_{30}^{15}\ \Phi_{20}^{14}\ \Phi_{15}^{16}\ \Phi_{12}^{15}\ \Phi_{10}^{14}\ \Phi_6^{15}\ \Phi_5^{15}\ \Phi_4^{14}\ \Phi_3^{15}\ \Phi_2^{14}\ \Phi_1^{15}$
43410	893	1152	$\frac{3}{128}$	$\frac{259}{1152}$	$\frac{1}{4}$	$\frac{125}{384}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
43411	893	621	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{22}{69}$	$\Phi_{621}^2\ \Phi_{69}\ \Phi_{27}^3\ \Phi_3\ \Phi_1$
43412	893	552	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{22}{69}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{184}^2\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
43413	893	1008	$\frac{3}{56}$	$\frac{115}{1008}$	$\frac{1}{4}$	$\frac{53}{168}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
43414	893	960	$\frac{67}{960}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
43415	893	1152	$\frac{3}{32}$	$\frac{29}{288}$	$\frac{259}{1152}$	$\frac{1}{4}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
43416	893	1120	$\frac{3}{56}$	$\frac{53}{280}$	$\frac{227}{1120}$	$\frac{1}{4}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
43417	893	960	$\frac{67}{960}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
43418	893	1056	$\frac{13}{176}$	$\frac{163}{1056}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
43419	894	1480	$\frac{1}{148}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{147}{296}$	$\Phi_{1480}\ \Phi_{296}^2\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
43420	894	888	$\frac{1}{148}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{147}{296}$	$\Phi_{888}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
43421	894	294	$\frac{2}{147}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{145}{294}$	$\Phi_{294}^6\ \Phi_{98}^6\ \Phi_{42}^6\ \Phi_{21}\ \Phi_{14}^6\ \Phi_6^6\ \Phi_2^6$
43422	894	1536	$\frac{1}{64}$	$\frac{65}{512}$	$\frac{1}{3}$	$\frac{63}{128}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
43423	894	2640	$\frac{7}{440}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{433}{880}$	$\Phi_{2640}\ \Phi_{528}\ \Phi_{240}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
43424	894	1400	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{51}{200}$	$\frac{49}{100}$	$\Phi_{1400}\ \Phi_{350}\ \Phi_{280}\ \Phi_{175}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{14}$
43425	894	282	$\frac{1}{47}$	$\frac{8}{141}$	$\frac{133}{282}$	$\frac{23}{47}$	$\Phi_{282}^6\ \Phi_{94}^6\ \Phi_{47}\ \Phi_6^6\ \Phi_2^6\ \Phi_1^2$
43426	894	188	$\frac{1}{47}$	$\frac{8}{47}$	$\frac{39}{188}$	$\frac{23}{47}$	$\Phi_{188}^6\ \Phi_{94}^6\ \Phi_{47}\ \Phi_4^6\ \Phi_2^6\ \Phi_1^2$
43427	894	874	$\frac{10}{437}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{427}{874}$	$\Phi_{874}^2\ \Phi_{46}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_2^2\ \Phi_1^2$
43428	894	2030	$\frac{4}{145}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{141}{290}$	$\Phi_{2030}\ \Phi_{406}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
43429	894	2604	$\frac{13}{434}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{421}{868}$	$\Phi_{2604}\ \Phi_{372}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
43430	894	1260	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{31}{180}$	$\frac{29}{60}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
43431	894	288	$\frac{5}{144}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{139}{288}$	$\Phi_{288}^6\ \Phi_{96}^6\ \Phi_{48}\ \Phi_{32}^6\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
43432	894	2016	$\frac{5}{144}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{139}{288}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{224}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
43433	894	572	$\frac{6}{143}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{137}{286}$	$\Phi_{572}^2\ \Phi_{143}^2\ \Phi_{52}^3\ \Phi_{44}^2\ \Phi_{26}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_4^2\ \Phi_1^2$
43434	894	644	$\frac{1}{23}$	$\frac{12}{161}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{644}^2\ \Phi_{322}^2\ \Phi_{92}\ \Phi_{46}\ \Phi_{28}^2\ \Phi_{14}^2$
43435	894	285	$\frac{13}{285}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{136}{285}$	$\Phi_{285}^3\ \Phi_{95}^3\ \Phi_{57}^3\ \Phi_{19}^5\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^6$
43436	894	282	$\frac{8}{141}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{133}{282}$	$\Phi_{282}^6\ \Phi_{94}^6\ \Phi_{47}\ \Phi_6^6\ \Phi_2^6\ \Phi_1^2$
43437	894	608	$\frac{1}{19}$	$\frac{9}{152}$	$\frac{161}{608}$	$\frac{143}{304}$	$\Phi_{608}^2\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{32}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
43438	894	840	$\frac{1}{28}$	$\frac{9}{140}$	$\frac{1}{3}$	$\frac{131}{280}$	$\Phi_{840}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
43439	894	280	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{131}{280}$	$\Phi_{280}^6\ \Phi_{70}\ \Phi_{56}^6\ \Phi_{40}^6\ \Phi_{35}\ \Phi_{14}\ \Phi_8^6$
43440	894	836	$\frac{1}{19}$	$\frac{29}{418}$	$\frac{9}{38}$	$\frac{389}{836}$	$\Phi_{836}^2\ \Phi_{76}^2\ \Phi_{44}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
43441	894	2496	$\frac{1}{32}$	$\frac{31}{416}$	$\frac{1}{3}$	$\frac{385}{832}$	$\Phi_{2496}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
43442	894	156	$\frac{7}{156}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{156}^6\ \Phi_{78}^6\ \Phi_{52}^5\ \Phi_{39}^6\ \Phi_{26}^5\ \Phi_{13}^6\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
43443	894	276	$\frac{1}{23}$	$\frac{11}{138}$	$\frac{1}{4}$	$\frac{127}{276}$	$\Phi_{276}^2\ \Phi_{138}^4\ \Phi_{92}^3\ \Phi_{69}^4\ \Phi_{46}^5\ \Phi_{23}^4\ \Phi_{12}^2\ \Phi_6^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
43444	894	1120	$\frac{11}{160}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{14}$
43445	894	1890	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{7}$	$\frac{121}{270}$	$\Phi_{1890}\ \Phi_{630}\ \Phi_{378}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
43446	894	266	$\frac{1}{19}$	$\frac{16}{133}$	$\frac{3}{19}$	$\frac{117}{266}$	$\Phi_{266}^6\ \Phi_{38}^6\ \Phi_{19}^5\ \Phi_{14}^6\ \Phi_2^6\ \Phi_1^6$
43447	894	2352	$\frac{1}{56}$	$\frac{55}{392}$	$\frac{1}{3}$	$\frac{337}{784}$	$\Phi_{2352}\ \Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
43448	894	768	$\frac{1}{64}$	$\frac{21}{128}$	$\frac{1}{3}$	$\frac{107}{256}$	$\Phi_{768}^3\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
43449	894	1092	$\frac{7}{156}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{91}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
43450	894	760	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{67}{380}$	$\frac{313}{760}$	$\Phi_{760}^2\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{40}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
43451	894	752	$\frac{1}{47}$	$\frac{71}{376}$	$\frac{23}{94}$	$\frac{305}{752}$	$\Phi_{752}^2\ \Phi_{94}^2\ \Phi_{47}\ \Phi_{16}^2\ \Phi_2^2\ \Phi_1^2$
43452	894	1750	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{24}{125}$	$\frac{101}{250}$	$\Phi_{1750}\ \Phi_{350}\ \Phi_{175}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
43453	894	1110	$\frac{1}{74}$	$\frac{1}{5}$	$\frac{73}{222}$	$\frac{2}{5}$	$\Phi_{1110}\ \Phi_{555}\ \Phi_{222}^2\ \Phi_{111}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
43454	894	760	$\frac{3}{152}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{152}^2\ \Phi_{95}\ \Phi_{76}^2\ \Phi_{40}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
43455	894	185	$\frac{1}{37}$	$\frac{36}{185}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{185}^5\ \Phi_{37}^4\ \Phi_5^6\ \Phi_1^6$
43456	894	1680	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{29}{120}$	$\frac{91}{240}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{210}\ \Phi_{112}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
43457	894	188	$\frac{1}{47}$	$\frac{39}{188}$	$\frac{23}{94}$	$\frac{71}{188}$	$\Phi_{188}^4\ \Phi_{94}^6\ \Phi_{47}^5\ \Phi_4^4\ \Phi_2^6\ \Phi_1^6$
43458	894	152	$\frac{3}{152}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{152}^6\ \Phi_{76}^6\ \Phi_{38}^6\ \Phi_{19}^5\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
43459	894	235	$\frac{1}{47}$	$\frac{46}{235}$	$\frac{63}{235}$	$\frac{86}{235}$	$\Phi_{235}^4\ \Phi_{47}^3\ \Phi_5^4\ \Phi_1^4$
43460	894	228	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{35}{114}$	$\frac{79}{228}$	$\Phi_{228}^6\ \Phi_{76}^6\ \Phi_{38}^6\ \Phi_{19}^5\ \Phi_{12}^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
43461	894	672	$\frac{1}{112}$	$\frac{37}{112}$	$\frac{1}{3}$	$\frac{75}{224}$	$\Phi_{672}^3\ \Phi_{336}\ \Phi_{168}\ \Phi_{96}^3\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
43462	894	444	$\frac{1}{74}$	$\frac{1}{4}$	$\frac{73}{222}$	$\frac{1}{3}$	$\Phi_{444}^2\ \Phi_{222}\ \Phi_{148}^4\ \Phi_{111}\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
43463	894	192	$\frac{1}{64}$	$\frac{43}{192}$	$\frac{21}{64}$	$\frac{1}{3}$	$\Phi_{192}^4\ \Phi_{96}^4\ \Phi_{64}^6\ \Phi_{48}^4\ \Phi_{32}^6\ \Phi_{24}^4\ \Phi_{16}^6\ \Phi_{12}^4\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
43464	894	168	$\frac{1}{28}$	$\frac{19}{168}$	$\frac{9}{28}$	$\frac{1}{3}$	$\Phi_{168}^6\ \Phi_{84}^4\ \Phi_{56}^6\ \Phi_{42}^4\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{21}^4\ \Phi_{14}^6\ \Phi_{12}^4\ \Phi_8^6\ \Phi_7^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
43465	894	480	$\frac{1}{16}$	$\frac{11}{160}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{48}\ \Phi_{30}^3\ \Phi_{24}\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
43466	894	462	$\frac{5}{154}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{462}^3\ \Phi_{231}^3\ \Phi_{66}^3\ \Phi_{42}^3\ \Phi_{33}^3\ \Phi_{21}\ \Phi_6^3$
43467	894	456	$\frac{3}{152}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
43468	894	1776	$\frac{3}{148}$	$\frac{145}{592}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
43469	894	2220	$\frac{1}{37}$	$\frac{36}{185}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}\ \Phi_6$
43470	894	588	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{47}{196}$	$\frac{1}{3}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{21}\ \Phi_{12}^3\ \Phi_6^3$
43471	894	192	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{43}{192}$	$\frac{1}{3}$	$\Phi_{192}^6\ \Phi_{96}^6\ \Phi_{64}^6\ \Phi_{48}\ \Phi_{32}^6\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
43472	894	1680	$\frac{1}{28}$	$\frac{27}{140}$	$\frac{113}{560}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{336}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
43473	894	480	$\frac{11}{160}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{120}^2\ \Phi_{96}^3\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
43474	894	528	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{27}{176}$	$\frac{1}{3}$	$\Phi_{528}^3\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{48}^3\ \Phi_{33}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
43475	894	1470	$\frac{43}{490}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{294}\ \Phi_{210}\ \Phi_{105}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
43476	894	168	$\frac{2}{21}$	$\frac{19}{168}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{168}^6\ \Phi_{84}^6\ \Phi_{56}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{21}\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_2^6$
43477	894	1380	$\frac{1}{23}$	$\frac{47}{345}$	$\frac{1}{4}$	$\frac{22}{69}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{230}\ \Phi_{92}\ \Phi_{60}\ \Phi_{46}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
43478	894	171	$\frac{1}{19}$	$\frac{22}{171}$	$\frac{13}{57}$	$\frac{6}{19}$	$\Phi_{171}^6\ \Phi_{57}^3\ \Phi_{19}^5\ \Phi_9^6\ \Phi_3^3\ \Phi_1^6$
43479	894	190	$\frac{1}{19}$	$\frac{13}{95}$	$\frac{41}{190}$	$\frac{6}{19}$	$\Phi_{190}^6\ \Phi_{95}^3\ \Phi_{38}^6\ \Phi_{19}^5\ \Phi_{10}^6\ \Phi_5^3\ \Phi_2^6\ \Phi_1^6$
43480	894	1260	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{31}{180}$	$\frac{14}{45}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
43481	894	1512	$\frac{5}{72}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{67}{216}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
43482	894	1716	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{4}$	$\frac{131}{429}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{156}\ \Phi_{132}\ \Phi_{78}\ \Phi_{66}\ \Phi_{52}\ \Phi_{26}\ \Phi_{12}\ \Phi_6$
43483	894	210	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{7}$	$\frac{61}{210}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}\ \Phi_{42}^6\ \Phi_{35}\ \Phi_{30}^6\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_{14}\ \Phi_6^6\ \Phi_3^6$
43484	894	828	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{1}{4}$	$\frac{58}{207}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{92}\ \Phi_{46}\ \Phi_{36}^2\ \Phi_{18}^2$
43485	894	1134	$\frac{13}{162}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
43486	894	184	$\frac{1}{23}$	$\frac{35}{184}$	$\frac{11}{46}$	$\frac{1}{4}$	$\Phi_{184}^6\ \Phi_{92}^3\ \Phi_{46}^5\ \Phi_{23}^4\ \Phi_8^6\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
43487	894	1344	$\frac{5}{48}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{43}{192}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
43488	894	168	$\frac{19}{168}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{42}^6\ \Phi_{28}^5\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
43489	894	188	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{8}{47}$	$\frac{39}{188}$	$\Phi_{188}^6\ \Phi_{94}^6\ \Phi_{47}\ \Phi_4^6\ \Phi_2^6\ \Phi_1^2$
43490	894	174	$\frac{4}{29}$	$\frac{25}{174}$	$\frac{1}{6}$	$\frac{5}{29}$	$\Phi_{174}^5\ \Phi_{87}^5\ \Phi_{58}^5\ \Phi_{29}^6\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^6$
43491	894	1260	$\frac{5}{36}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{31}{180}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
43492	895	712	$\frac{1}{178}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{177}{356}$	$\Phi_{712}^2\ \Phi_{356}\ \Phi_8^3\ \Phi_4\ \Phi_1$
43493	895	1776	$\frac{7}{888}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{881}{1776}$	$\Phi_{1776}\ \Phi_{592}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
43494	895	354	$\frac{2}{177}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{175}{354}$	$\Phi_{354}^2\ \Phi_{177}^3\ \Phi_{118}^2\ \Phi_{59}^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
43495	895	1764	$\frac{13}{882}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{869}{1764}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{252}\ \Phi_{196}\ \Phi_{84}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
43496	895	240	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{61}{240}$	$\frac{59}{120}$	$\Phi_{240}^5\ \Phi_{80}^5\ \Phi_{60}^5\ \Phi_{48}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{16}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
43497	895	1056	$\frac{3}{176}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{173}{352}$	$\Phi_{1056}^2\ \Phi_{352}\ \Phi_{96}^2\ \Phi_{32}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
43498	895	1050	$\frac{4}{175}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{171}{350}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}\ \Phi_{105}\ \Phi_{75}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
43499	895	216	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{37}{216}$	$\frac{35}{72}$	$\Phi_{216}^5\ \Phi_{108}^5\ \Phi_{54}^5\ \Phi_{36}^5\ \Phi_{27}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
43500	895	348	$\frac{5}{174}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{169}{348}$	$\Phi_{348}^5\ \Phi_{116}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
43501	895	966	$\frac{2}{69}$	$\frac{71}{966}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{322}\ \Phi_{161}\ \Phi_{69}\ \Phi_{42}\ \Phi_{23}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
43502	895	1728	$\frac{31}{864}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{833}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
43503	895	1716	$\frac{37}{858}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{821}{1716}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{156}\ \Phi_{132}\ \Phi_{52}\ \Phi_{44}\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
43504	895	342	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{163}{342}$	$\Phi_{342}^2\ \Phi_{171}^3\ \Phi_{114}^2\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{19}^3\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
43505	895	600	$\frac{1}{20}$	$\frac{21}{200}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}\ \Phi_{150}^2\ \Phi_{100}\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
43506	895	936	$\frac{41}{936}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
43507	895	1020	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{161}{340}$	$\Phi_{1020}^2\ \Phi_{340}\ \Phi_{204}^2\ \Phi_{68}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
43508	895	336	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{157}{336}$	$\Phi_{336}^5\ \Phi_{112}^5\ \Phi_{48}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
43509	895	1656	$\frac{2}{69}$	$\frac{67}{828}$	$\frac{1}{3}$	$\frac{761}{1656}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{184}\ \Phi_{72}\ \Phi_{69}\ \Phi_{24}\ \Phi_{23}\ \Phi_8\ \Phi_1$
43510	895	192	$\frac{13}{192}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{192}^5\ \Phi_{96}^5\ \Phi_{64}^5\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
43511	895	330	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{1}{6}$	$\frac{151}{330}$	$\Phi_{330}^2\ \Phi_{165}^3\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}^3\ \Phi_{33}^3\ \Phi_{30}^5\ \Phi_{22}^2\ \Phi_{15}^5\ \Phi_{11}^3\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
43512	895	324	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{1}{6}$	$\frac{145}{324}$	$\Phi_{324}^5\ \Phi_{108}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
43513	895	960	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{1}{6}$	$\frac{141}{320}$	$\Phi_{960}^2\ \Phi_{320}\ \Phi_{192}^2\ \Phi_{64}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
43514	895	936	$\frac{41}{936}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
43515	895	1332	$\frac{7}{444}$	$\frac{1}{6}$	$\frac{437}{1332}$	$\frac{5}{12}$	$\Phi_{1332}\ \Phi_{666}\ \Phi_{333}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
43516	895	912	$\frac{17}{912}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
43517	895	300	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{29}{150}$	$\frac{121}{300}$	$\Phi_{300}^5\ \Phi_{100}^5\ \Phi_{60}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
43518	895	288	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{35}{144}$	$\frac{109}{288}$	$\Phi_{288}^5\ \Phi_{96}^5\ \Phi_{36}^5\ \Phi_{32}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
43519	895	2136	$\frac{1}{89}$	$\frac{1}{4}$	$\frac{88}{267}$	$\frac{3}{8}$	$\Phi_{2136}\ \Phi_{267}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
43520	895	552	$\frac{5}{184}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{184}\ \Phi_{138}^2\ \Phi_{92}\ \Phi_{69}^2\ \Phi_{46}\ \Phi_{23}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
43521	895	270	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{44}{135}$	$\frac{91}{270}$	$\Phi_{270}^2\ \Phi_{135}^3\ \Phi_{90}^5\ \Phi_{54}^2\ \Phi_{45}^5\ \Phi_{30}^5\ \Phi_{27}^3\ \Phi_{18}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
43522	895	207	$\frac{2}{69}$	$\frac{28}{207}$	$\frac{67}{207}$	$\frac{1}{3}$	$\Phi_{207}^4\ \Phi_{69}^5\ \Phi_{23}^5\ \Phi_9^4\ \Phi_3^4\ \Phi_1^5$
43523	895	1287	$\frac{2}{39}$	$\frac{37}{429}$	$\frac{392}{1287}$	$\frac{1}{3}$	$\Phi_{1287}\ \Phi_{117}\ \Phi_{99}\ \Phi_{39}\ \Phi_{13}\ \Phi_9\ \Phi_1$
43524	895	1242	$\frac{2}{69}$	$\frac{67}{414}$	$\frac{347}{1242}$	$\frac{1}{3}$	$\Phi_{1242}\ \Phi_{621}\ \Phi_{69}\ \Phi_{54}\ \Phi_{27}\ \Phi_{23}\ \Phi_1$
43525	895	1104	$\frac{2}{69}$	$\frac{209}{1104}$	$\frac{67}{276}$	$\frac{1}{3}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{184}\ \Phi_{69}\ \Phi_{48}\ \Phi_{24}\ \Phi_{23}\ \Phi_{16}\ \Phi_8\ \Phi_1$
43526	895	264	$\frac{3}{88}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{85}{264}$	$\Phi_{264}^3\ \Phi_{132}^3\ \Phi_{88}^4\ \Phi_{66}^3\ \Phi_{44}^4\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^4\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
43527	895	216	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{37}{216}$	$\frac{17}{54}$	$\Phi_{216}^5\ \Phi_{108}^5\ \Phi_{72}^5\ \Phi_{36}^5\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
43528	895	1296	$\frac{31}{432}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{401}{1296}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
43529	895	252	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{6}$	$\frac{73}{252}$	$\Phi_{252}^5\ \Phi_{126}^5\ \Phi_{63}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
43530	895	972	$\frac{77}{972}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
43531	895	1008	$\frac{13}{126}$	$\frac{113}{1008}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
43532	895	240	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{19}{80}$	$\frac{61}{240}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^4\ \Phi_{60}^5\ \Phi_{48}^3\ \Phi_{40}^4\ \Phi_{30}^5\ \Phi_{24}^3\ \Phi_{20}^5\ \Phi_{16}^4\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
43533	895	192	$\frac{13}{192}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{192}^5\ \Phi_{96}^5\ \Phi_{64}^5\ \Phi_{48}^3\ \Phi_{32}^5\ \Phi_{24}^3\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
43534	895	660	$\frac{3}{44}$	$\frac{1}{6}$	$\frac{41}{220}$	$\frac{1}{4}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}\ \Phi_{165}^2\ \Phi_{110}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
43535	895	1152	$\frac{31}{288}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{257}{1152}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
43536	895	1008	$\frac{113}{1008}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{144}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
43537	895	600	$\frac{21}{200}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}^2\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
43538	895	210	$\frac{4}{35}$	$\frac{31}{210}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^5\ \Phi_{30}^5\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_7^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
43539	895	216	$\frac{5}{36}$	$\frac{31}{216}$	$\frac{1}{6}$	$\frac{37}{216}$	$\Phi_{216}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{36}^5\ \Phi_{27}^4\ \Phi_{24}^4\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
43540	896	669	$\frac{1}{223}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{111}{223}$	$\Phi_{669}\ \Phi_{223}^2\ \Phi_3^2\ \Phi_1^4$
43541	896	179	$\frac{1}{179}$	$\frac{45}{179}$	$\frac{67}{179}$	$\frac{89}{179}$	$\Phi_{179}^5\ \Phi_1^6$
43542	896	1347	$\frac{3}{449}$	$\frac{113}{449}$	$\frac{1}{3}$	$\frac{223}{449}$	Φ_{1347}
43543	896	445	$\frac{3}{445}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{221}{445}$	$\Phi_{445}^2\ \Phi_{89}^2\ \Phi_5^3\ \Phi_1^4$
43544	896	1524	$\frac{1}{127}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{63}{127}$	$\Phi_{1524}\ \Phi_{508}\ \Phi_{127}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
43545	896	1143	$\frac{1}{127}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{63}{127}$	$\Phi_{1143}\ \Phi_{127}\ \Phi_9^2\ \Phi_1^2$
43546	896	777	$\frac{1}{111}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{55}{111}$	$\Phi_{777}\ \Phi_{259}\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
43547	896	555	$\frac{1}{111}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{55}{111}$	$\Phi_{555}^2\ \Phi_{185}^2\ \Phi_{15}^3\ \Phi_5^2$
43548	896	895	$\frac{9}{895}$	$\frac{113}{895}$	$\frac{391}{895}$	$\frac{443}{895}$	$\Phi_{895}\ \Phi_{179}\ \Phi_5\ \Phi_1^2$
43549	896	885	$\frac{11}{885}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{437}{885}$	$\Phi_{885}\ \Phi_{295}\ \Phi_{177}\ \Phi_{59}\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
43550	896	75	$\frac{1}{75}$	$\frac{1}{5}$	$\frac{19}{75}$	$\frac{37}{75}$	$\Phi_{75}^{12}\ \Phi_{25}^{12}\ \Phi_{15}^{12}\ \Phi_5^{11}\ \Phi_3^{12}\ \Phi_1^{12}$
43551	896	895	$\frac{13}{895}$	$\frac{167}{895}$	$\frac{227}{895}$	$\frac{441}{895}$	$\Phi_{895}\ \Phi_{179}\ \Phi_5\ \Phi_1^2$
43552	896	1347	$\frac{7}{449}$	$\frac{57}{449}$	$\frac{1}{3}$	$\frac{221}{449}$	Φ_{1347}
43553	896	819	$\frac{1}{63}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{31}{63}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{117}\ \Phi_{91}\ \Phi_{63}^2\ \Phi_{39}\ \Phi_{21}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
43554	896	504	$\frac{1}{63}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{31}{63}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
43555	896	179	$\frac{3}{179}$	$\frac{13}{179}$	$\frac{83}{179}$	$\frac{88}{179}$	$\Phi_{179}^5\ \Phi_1^6$
43556	896	165	$\frac{1}{55}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{27}{55}$	$\Phi_{165}^5\ \Phi_{55}^6\ \Phi_{33}^5\ \Phi_{15}^6\ \Phi_{11}^6\ \Phi_5^7\ \Phi_3^6\ \Phi_1^8$
43557	896	495	$\frac{1}{55}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{27}{55}$	$\Phi_{495}^2\ \Phi_{165}\ \Phi_{99}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
43558	896	55	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{27}{55}$	$\Phi_{55}^{16}\ \Phi_{11}^{16}\ \Phi_5^{19}\ \Phi_1^{20}$
43559	896	895	$\frac{17}{895}$	$\frac{57}{895}$	$\frac{419}{895}$	$\frac{439}{895}$	$\Phi_{895}\ \Phi_{179}\ \Phi_5\ \Phi_1^2$
43560	896	135	$\frac{1}{45}$	$\frac{23}{135}$	$\frac{1}{5}$	$\frac{22}{45}$	$\Phi_{135}^8\ \Phi_{45}^4\ \Phi_{27}^8\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
43561	896	344	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{11}{43}$	$\frac{21}{43}$	$\Phi_{344}^3\ \Phi_{172}^3\ \Phi_{86}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
43562	896	125	$\frac{3}{125}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{61}{125}$	$\Phi_{125}^{7}\ \Phi_{25}^{8}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
43563	896	1017	$\frac{3}{113}$	$\frac{1}{9}$	$\frac{29}{113}$	$\frac{55}{113}$	$\Phi_{1017}\ \Phi_{339}$
43564	896	179	$\frac{5}{179}$	$\frac{19}{179}$	$\frac{46}{179}$	$\frac{87}{179}$	$\Phi_{179}^{5}\ \Phi_{1}^{6}$
43565	896	179	$\frac{5}{179}$	$\frac{23}{179}$	$\frac{39}{179}$	$\frac{87}{179}$	$\Phi_{179}^{5}\ \Phi_{1}^{6}$
43566	896	1347	$\frac{13}{449}$	$\frac{33}{449}$	$\frac{1}{3}$	$\frac{218}{449}$	Φ_{1347}
43567	896	435	$\frac{13}{435}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{211}{435}$	$\Phi_{435}^{2}\ \Phi_{145}^{2}\ \Phi_{87}^{2}\ \Phi_{29}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
43568	896	225	$\frac{7}{225}$	$\frac{29}{225}$	$\frac{1}{5}$	$\frac{109}{225}$	$\Phi_{225}^{4}\ \Phi_{75}^{4}\ \Phi_{45}^{4}\ \Phi_{25}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
43569	896	837	$\frac{1}{31}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{15}{31}$	$\Phi_{837}\ \Phi_{279}\ \Phi_{93}\ \Phi_{31}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
43570	896	465	$\frac{1}{31}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{465}^{2}\ \Phi_{155}^{2}\ \Phi_{93}\ \Phi_{31}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
43571	896	279	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{15}{31}$	$\Phi_{279}^{3}\ \Phi_{93}^{3}\ \Phi_{31}^{4}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
43572	896	1240	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{15}{31}$	$\Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
43573	896	895	$\frac{29}{895}$	$\frac{33}{895}$	$\frac{431}{895}$	$\frac{433}{895}$	$\Phi_{895}\ \Phi_{179}\ \Phi_{5}\ \Phi_{1}^{2}$
43574	896	895	$\frac{29}{895}$	$\frac{83}{895}$	$\frac{231}{895}$	$\frac{433}{895}$	$\Phi_{895}\ \Phi_{179}\ \Phi_{5}\ \Phi_{1}^{2}$
43575	896	1347	$\frac{15}{449}$	$\frac{29}{449}$	$\frac{1}{3}$	$\frac{217}{449}$	Φ_{1347}
43576	896	459	$\frac{1}{27}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{459}^{2}\ \Phi_{153}^{2}\ \Phi_{51}^{3}\ \Phi_{17}^{2}$
43577	896	837	$\frac{1}{27}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{13}{27}$	$\Phi_{837}\ \Phi_{279}\ \Phi_{93}\ \Phi_{31}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
43578	896	135	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{13}{27}$	$\Phi_{135}^{8}\ \Phi_{45}^{9}\ \Phi_{15}^{9}\ \Phi_{5}^{8}$
43579	896	125	$\frac{1}{25}$	$\frac{13}{125}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{125}^{8}\ \Phi_{25}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
43580	896	195	$\frac{3}{65}$	$\frac{1}{15}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{195}^{5}\ \Phi_{65}^{4}\ \Phi_{39}^{5}\ \Phi_{15}^{4}\ \Phi_{13}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
43581	896	855	$\frac{41}{855}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{407}{855}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{171}\ \Phi_{95}\ \Phi_{57}\ \Phi_{45}^{2}\ \Phi_{19}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
43582	896	895	$\frac{43}{895}$	$\frac{67}{895}$	$\frac{207}{895}$	$\frac{426}{895}$	$\Phi_{895}\ \Phi_{179}\ \Phi_{5}\ \Phi_{1}^{2}$
43583	896	323	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{323}^{3}\ \Phi_{17}^{2}$
43584	896	425	$\frac{23}{425}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{201}{425}$	$\Phi_{425}^{2}\ \Phi_{85}^{2}\ \Phi_{25}^{4}\ \Phi_{17}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
43585	896	1032	$\frac{7}{129}$	$\frac{1}{8}$	$\frac{17}{129}$	$\frac{61}{129}$	$\Phi_{1032}\ \Phi_{516}\ \Phi_{344}\ \Phi_{258}\ \Phi_{172}\ \Phi_{86}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
43586	896	895	$\frac{49}{895}$	$\frac{59}{895}$	$\frac{209}{895}$	$\frac{423}{895}$	$\Phi_{895}\ \Phi_{179}\ \Phi_{5}\ \Phi_{1}^{2}$
43587	896	895	$\frac{49}{895}$	$\frac{111}{895}$	$\frac{118}{895}$	$\frac{423}{895}$	$\Phi_{895}\ \Phi_{179}\ \Phi_{5}\ \Phi_{1}^{2}$
43588	896	225	$\frac{13}{225}$	$\frac{17}{225}$	$\frac{1}{5}$	$\frac{106}{225}$	$\Phi_{225}^{4}\ \Phi_{75}^{4}\ \Phi_{45}^{4}\ \Phi_{25}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
43589	896	895	$\frac{47}{895}$	$\frac{53}{895}$	$\frac{237}{895}$	$\frac{421}{895}$	$\Phi_{895}\ \Phi_{179}\ \Phi_{5}\ \Phi_{1}^{2}$
43590	896	1347	$\frac{17}{449}$	$\frac{27}{449}$	$\frac{1}{3}$	$\frac{211}{449}$	Φ_{1347}
43591	896	1017	$\frac{7}{113}$	$\frac{1}{9}$	$\frac{15}{113}$	$\frac{53}{113}$	$\Phi_{1017}\ \Phi_{339}$
43592	896	895	$\frac{57}{895}$	$\frac{97}{895}$	$\frac{119}{895}$	$\frac{419}{895}$	$\Phi_{895}\ \Phi_{179}\ \Phi_{5}\ \Phi_{1}^{2}$
43593	896	435	$\frac{1}{29}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{435}^{2}\ \Phi_{145}^{2}\ \Phi_{87}^{3}\ \Phi_{29}^{2}$
43594	896	165	$\frac{3}{55}$	$\frac{1}{15}$	$\frac{13}{55}$	$\frac{7}{15}$	$\Phi_{165}^{5}\ \Phi_{55}^{6}\ \Phi_{33}^{5}\ \Phi_{15}^{6}\ \Phi_{11}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
43595	896	15	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{15}^{60}\ \Phi_{5}^{59}\ \Phi_{3}^{60}\ \Phi_{1}^{60}$
43596	896	165	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{7}{15}$	$\Phi_{165}^{5}\ \Phi_{55}^{5}\ \Phi_{33}^{7}\ \Phi_{15}^{6}\ \Phi_{11}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
43597	896	165	$\frac{1}{15}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{7}{15}$	$\Phi_{165}^{5}\ \Phi_{55}^{6}\ \Phi_{33}^{5}\ \Phi_{15}^{6}\ \Phi_{11}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
43598	896	360	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{15}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{2}\ \Phi_{90}^{3}\ \Phi_{72}^{4}\ \Phi_{60}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{4}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{20}^{2}\ \Phi_{18}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
43599	896	895	$\frac{41}{895}$	$\frac{61}{895}$	$\frac{239}{895}$	$\frac{417}{895}$	$\Phi_{895}\ \Phi_{179}\ \Phi_{5}\ \Phi_{1}^{2}$
43600	896	1347	$\frac{15}{449}$	$\frac{31}{449}$	$\frac{1}{3}$	$\frac{209}{449}$	Φ_{1347}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
43601	896	429	$\frac{1}{33}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{429}^2\ \Phi_{143}^2\ \Phi_{39}\ \Phi_{33}^4\ \Phi_{13}^2\ \Phi_{11}^4\ \Phi_3^2\ \Phi_1^4$
43602	896	273	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{5}{21}$	$\frac{6}{13}$	$\Phi_{273}^3\ \Phi_{91}^3\ \Phi_{39}^3\ \Phi_{21}^6\ \Phi_{13}^4\ \Phi_7^6\ \Phi_3^6\ \Phi_1^8$
43603	896	1105	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{1105}\ \Phi_{85}^2$
43604	896	195	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{195}^5\ \Phi_{65}^5\ \Phi_{39}^3\ \Phi_{15}^4\ \Phi_{13}^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
43605	896	455	$\frac{1}{13}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{455}^2\ \Phi_{91}\ \Phi_{65}^2\ \Phi_{35}^4\ \Phi_{13}^2\ \Phi_7^2\ \Phi_5^4\ \Phi_1^4$
43606	896	117	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{6}{13}$	$\Phi_{117}^7\ \Phi_{39}^7\ \Phi_{13}^8\ \Phi_9^{14}\ \Phi_3^{14}\ \Phi_1^{16}$
43607	896	825	$\frac{4}{75}$	$\frac{71}{825}$	$\frac{1}{5}$	$\frac{377}{825}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{165}\ \Phi_{75}^2\ \Phi_{55}\ \Phi_{33}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
43608	896	319	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{319}^3\ \Phi_{29}^2$
43609	896	179	$\frac{7}{179}$	$\frac{17}{179}$	$\frac{43}{179}$	$\frac{81}{179}$	$\Phi_{179}^5\ \Phi_1^6$
43610	896	957	$\frac{1}{33}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{957}\ \Phi_{319}\ \Phi_{87}$
43611	896	405	$\frac{2}{45}$	$\frac{43}{405}$	$\frac{1}{5}$	$\frac{181}{405}$	$\Phi_{405}^2\ \Phi_{135}^2\ \Phi_{81}^2\ \Phi_{45}^4\ \Phi_{27}^2\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
43612	896	195	$\frac{1}{15}$	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{29}{65}$	$\Phi_{195}^5\ \Phi_{65}^4\ \Phi_{39}^5\ \Phi_{15}^4\ \Phi_{13}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
43613	896	895	$\frac{31}{895}$	$\frac{97}{895}$	$\frac{216}{895}$	$\frac{399}{895}$	$\Phi_{895}\ \Phi_{179}\ \Phi_5\ \Phi_1^2$
43614	896	895	$\frac{62}{895}$	$\frac{97}{895}$	$\frac{119}{895}$	$\frac{399}{895}$	$\Phi_{895}\ \Phi_{179}\ \Phi_5\ \Phi_1^2$
43615	896	895	$\frac{71}{895}$	$\frac{99}{895}$	$\frac{103}{895}$	$\frac{398}{895}$	$\Phi_{895}\ \Phi_{179}\ \Phi_5\ \Phi_1^2$
43616	896	585	$\frac{5}{117}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{65}^2\ \Phi_{45}\ \Phi_{15}$
43617	896	1017	$\frac{9}{113}$	$\frac{1}{9}$	$\frac{13}{113}$	$\frac{50}{113}$	$\Phi_{1017}\ \Phi_{339}$
43618	896	344	$\frac{3}{43}$	$\frac{5}{43}$	$\frac{1}{8}$	$\frac{19}{43}$	$\Phi_{344}^3\ \Phi_{172}^3\ \Phi_{86}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
43619	896	179	$\frac{11}{179}$	$\frac{21}{179}$	$\frac{25}{179}$	$\frac{79}{179}$	$\Phi_{179}^5\ \Phi_1^6$
43620	896	25	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{11}{25}$	$\Phi_{25}^{36}\ \Phi_5^{35}\ \Phi_1^{36}$
43621	896	895	$\frac{23}{895}$	$\frac{109}{895}$	$\frac{251}{895}$	$\frac{393}{895}$	$\Phi_{895}\ \Phi_{179}\ \Phi_5\ \Phi_1^2$
43622	896	1347	$\frac{9}{449}$	$\frac{55}{449}$	$\frac{1}{3}$	$\frac{197}{449}$	Φ_{1347}
43623	896	969	$\frac{1}{17}$	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{25}{57}$	$\Phi_{969}\ \Phi_{323}\ \Phi_{51}$
43624	896	895	$\frac{63}{895}$	$\frac{104}{895}$	$\frac{113}{895}$	$\frac{391}{895}$	$\Phi_{895}\ \Phi_{179}\ \Phi_5\ \Phi_1^2$
43625	896	1017	$\frac{8}{113}$	$\frac{1}{9}$	$\frac{15}{113}$	$\frac{49}{113}$	$\Phi_{1017}\ \Phi_{339}$
43626	896	895	$\frac{48}{895}$	$\frac{121}{895}$	$\frac{127}{895}$	$\frac{387}{895}$	$\Phi_{895}\ \Phi_{179}\ \Phi_5\ \Phi_1^2$
43627	896	225	$\frac{8}{225}$	$\frac{31}{225}$	$\frac{1}{5}$	$\frac{97}{225}$	$\Phi_{225}^4\ \Phi_{75}^4\ \Phi_{45}^4\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
43628	896	179	$\frac{4}{179}$	$\frac{25}{179}$	$\frac{51}{179}$	$\frac{77}{179}$	$\Phi_{179}^5\ \Phi_1^6$
43629	896	1347	$\frac{8}{449}$	$\frac{63}{449}$	$\frac{1}{3}$	$\frac{193}{449}$	Φ_{1347}
43630	896	399	$\frac{1}{57}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{399}^2\ \Phi_{133}^2\ \Phi_{57}^4\ \Phi_{21}\ \Phi_{19}^4\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
43631	896	259	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{9}{37}$	$\frac{3}{7}$	$\Phi_{259}^3\ \Phi_{37}^6\ \Phi_7^4\ \Phi_1^8$
43632	896	1015	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1015}\ \Phi_{145}^2$
43633	896	259	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{259}^3\ \Phi_{37}^6\ \Phi_7^4\ \Phi_1^8$
43634	896	952	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{34}^2$
43635	896	777	$\frac{7}{111}$	$\frac{13}{111}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{777}\ \Phi_{259}\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
43636	896	315	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{315}^3\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^6\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}^4\ \Phi_9^4\ \Phi_7^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
43637	896	780	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{780}^2\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{20}^2\ \Phi_{15}$
43638	896	1524	$\frac{3}{127}$	$\frac{1}{6}$	$\frac{31}{127}$	$\frac{5}{12}$	$\Phi_{1524}\ \Phi_{508}\ \Phi_{127}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
43639	896	660	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{660}^3\ \Phi_{220}^3\ \Phi_{165}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{20}^2\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
43640	896	1524	$\frac{7}{127}$	$\frac{15}{127}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1524}\ \Phi_{508}\ \Phi_{127}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
43641	896	612	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{612}^3\ \Phi_{204}^2\ \Phi_{153}\ \Phi_{68}^2\ \Phi_{51}$
43642	896	969	$\frac{1}{57}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{969}\ \Phi_{323}\ \Phi_{51}$
43643	896	895	$\frac{19}{895}$	$\frac{169}{895}$	$\frac{219}{895}$	$\frac{363}{895}$	$\Phi_{895}\ \Phi_{179}\ \Phi_5\ \Phi_1^2$
43644	896	375	$\frac{2}{75}$	$\frac{73}{375}$	$\frac{1}{5}$	$\frac{151}{375}$	$\Phi_{375}^2\ \Phi_{125}^2\ \Phi_{75}^4\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
43645	896	130	$\frac{1}{65}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{130}^{10}\ \Phi_{65}^4\ \Phi_{26}^{10}\ \Phi_{13}^4\ \Phi_{10}^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
43646	896	115	$\frac{3}{115}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{115}^8\ \Phi_{23}^8\ \Phi_5^3\ \Phi_1^4$
43647	896	105	$\frac{1}{15}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{105}^{10}\ \Phi_{35}^8\ \Phi_{21}^{10}\ \Phi_{15}^4\ \Phi_7^8\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
43648	896	957	$\frac{1}{29}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{957}\ \Phi_{319}\ \Phi_{87}$
43649	896	895	$\frac{34}{895}$	$\frac{123}{895}$	$\frac{193}{895}$	$\frac{351}{895}$	$\Phi_{895}\ \Phi_{179}\ \Phi_5\ \Phi_1^2$
43650	896	895	$\frac{39}{895}$	$\frac{107}{895}$	$\frac{197}{895}$	$\frac{349}{895}$	$\Phi_{895}\ \Phi_{179}\ \Phi_5\ \Phi_1^2$
43651	896	969	$\frac{1}{17}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{969}\ \Phi_{323}\ \Phi_{51}$
43652	896	195	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{195}^5\ \Phi_{65}^5\ \Phi_{39}^5\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^4$
43653	896	895	$\frac{59}{895}$	$\frac{69}{895}$	$\frac{209}{895}$	$\frac{343}{895}$	$\Phi_{895}\ \Phi_{179}\ \Phi_5\ \Phi_1^2$
43654	896	895	$\frac{51}{895}$	$\frac{79}{895}$	$\frac{211}{895}$	$\frac{342}{895}$	$\Phi_{895}\ \Phi_{179}\ \Phi_5\ \Phi_1^2$
43655	896	1017	$\frac{5}{113}$	$\frac{1}{9}$	$\frac{27}{113}$	$\frac{43}{113}$	$\Phi_{1017}\ \Phi_{339}$
43656	896	1032	$\frac{5}{129}$	$\frac{1}{8}$	$\frac{31}{129}$	$\frac{49}{129}$	$\Phi_{1032}\ \Phi_{516}\ \Phi_{344}\ \Phi_{258}\ \Phi_{172}\ \Phi_{86}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
43657	896	895	$\frac{27}{895}$	$\frac{139}{895}$	$\frac{217}{895}$	$\frac{339}{895}$	$\Phi_{895}\ \Phi_{179}\ \Phi_5\ \Phi_1^2$
43658	896	45	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{17}{45}$	$\Phi_{45}^{20}\ \Phi_{15}^{20}\ \Phi_9^{20}\ \Phi_5^{19}\ \Phi_3^{20}\ \Phi_1^{20}$
43659	896	895	$\frac{11}{895}$	$\frac{221}{895}$	$\frac{279}{895}$	$\frac{337}{895}$	$\Phi_{895}\ \Phi_{179}\ \Phi_5\ \Phi_1^2$
43660	896	1347	$\frac{5}{449}$	$\frac{111}{449}$	$\frac{1}{3}$	$\frac{169}{449}$	Φ_{1347}
43661	896	675	$\frac{4}{225}$	$\frac{1}{5}$	$\frac{221}{675}$	$\frac{227}{675}$	$\Phi_{675}\ \Phi_{225}^2\ \Phi_{135}\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{27}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
43662	896	339	$\frac{1}{113}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{339}^3\ \Phi_{113}^2$
43663	896	669	$\frac{3}{223}$	$\frac{55}{223}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{669}\ \Phi_{223}^2\ \Phi_3^2\ \Phi_1^4$
43664	896	585	$\frac{1}{65}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{585}^2\ \Phi_{195}\ \Phi_{117}^2\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{15}$
43665	896	285	$\frac{1}{57}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{285}^4\ \Phi_{95}^4\ \Phi_{15}^3\ \Phi_5^2$
43666	896	669	$\frac{6}{223}$	$\frac{31}{223}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{669}\ \Phi_{223}^2\ \Phi_3^2\ \Phi_1^4$
43667	896	264	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{264}^4\ \Phi_{132}^4\ \Phi_{88}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{24}^3\ \Phi_{22}^4\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
43668	896	669	$\frac{7}{223}$	$\frac{27}{223}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{669}\ \Phi_{223}^2\ \Phi_3^2\ \Phi_1^4$
43669	896	261	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{261}^4\ \Phi_{87}^3\ \Phi_{29}^2$
43670	896	669	$\frac{13}{223}$	$\frac{15}{223}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{669}\ \Phi_{223}^2\ \Phi_3^2\ \Phi_1^4$
43671	896	255	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{255}^4\ \Phi_{85}^4\ \Phi_{51}^3\ \Phi_{17}^2$
43672	896	1665	$\frac{2}{111}$	$\frac{1}{5}$	$\frac{109}{333}$	$\frac{1}{3}$	$\Phi_{1665}\ \Phi_{45}\ \Phi_{15}$
43673	896	1512	$\frac{2}{63}$	$\frac{1}{8}$	$\frac{61}{189}$	$\frac{1}{3}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
43674	896	1377	$\frac{1}{17}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{1377}\ \Phi_{51}$
43675	896	1305	$\frac{1}{29}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{1305}\ \Phi_{261}\ \Phi_{87}$
43676	896	1143	$\frac{3}{127}$	$\frac{2}{9}$	$\frac{31}{127}$	$\frac{1}{3}$	$\Phi_{1143}\ \Phi_{127}\ \Phi_9^2\ \Phi_1^2$
43677	896	555	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{9}{37}$	$\frac{1}{3}$	$\Phi_{555}^3\ \Phi_{15}^4$
43678	896	1347	$\frac{13}{449}$	$\frac{85}{449}$	$\frac{109}{449}$	$\frac{1}{3}$	Φ_{1347}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
43679	896	168	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{5}{21}$	$\frac{1}{3}$	$\Phi_{168}^{6}\ \Phi_{84}^{6}\ \Phi_{56}^{6}\ \Phi_{42}^{6}\ \Phi_{28}^{6}\ \Phi_{24}^{7}\ \Phi_{14}^{6}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
43680	896	495	$\frac{3}{55}$	$\frac{1}{9}$	$\frac{13}{55}$	$\frac{1}{3}$	$\Phi_{495}^{2}\ \Phi_{165}\ \Phi_{99}^{2}\ \Phi_{55}^{2}\ \Phi_{45}^{2}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}^{2}\ \Phi_{9}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
43681	896	1347	$\frac{25}{449}$	$\frac{49}{449}$	$\frac{106}{449}$	$\frac{1}{3}$	Φ_{1347}
43682	896	1347	$\frac{29}{449}$	$\frac{43}{449}$	$\frac{105}{449}$	$\frac{1}{3}$	Φ_{1347}
43683	896	465	$\frac{1}{15}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{465}^{2}\ \Phi_{155}^{2}\ \Phi_{93}\ \Phi_{31}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
43684	896	495	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{495}^{3}\ \Phi_{165}\ \Phi_{55}\ \Phi_{45}^{2}\ \Phi_{15}$
43685	896	1080	$\frac{7}{135}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
43686	896	1143	$\frac{7}{127}$	$\frac{15}{127}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1143}\ \Phi_{127}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
43687	896	153	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{153}^{6}\ \Phi_{51}^{7}\ \Phi_{17}^{6}$
43688	896	1347	$\frac{25}{449}$	$\frac{53}{449}$	$\frac{99}{449}$	$\frac{1}{3}$	Φ_{1347}
43689	896	1347	$\frac{22}{449}$	$\frac{61}{449}$	$\frac{97}{449}$	$\frac{1}{3}$	Φ_{1347}
43690	896	435	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{435}^{3}\ \Phi_{87}^{4}$
43691	896	555	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{555}^{3}\ \Phi_{15}^{4}$
43692	896	2040	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}$
43693	896	555	$\frac{7}{111}$	$\frac{13}{111}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{555}^{2}\ \Phi_{185}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
43694	896	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{45}^{22}\ \Phi_{15}^{15}\ \Phi_{9}^{24}\ \Phi_{5}^{14}\ \Phi_{3}^{16}\ \Phi_{1}^{16}$
43695	896	99	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{33}$	$\frac{1}{3}$	$\Phi_{99}^{10}\ \Phi_{33}^{7}\ \Phi_{11}^{6}\ \Phi_{9}^{12}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
43696	896	840	$\frac{3}{35}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{168}\ \Phi_{120}^{2}\ \Phi_{84}\ \Phi_{60}^{2}\ \Phi_{42}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
43697	896	1176	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{19}{147}$	$\frac{1}{3}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{98}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
43698	896	495	$\frac{6}{55}$	$\frac{1}{9}$	$\frac{7}{55}$	$\frac{1}{3}$	$\Phi_{495}^{2}\ \Phi_{165}\ \Phi_{99}^{2}\ \Phi_{55}^{2}\ \Phi_{45}^{2}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}^{2}\ \Phi_{9}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
43699	896	1347	$\frac{49}{449}$	$\frac{50}{449}$	$\frac{57}{449}$	$\frac{1}{3}$	Φ_{1347}
43700	896	72	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{72}^{14}\ \Phi_{36}^{14}\ \Phi_{24}^{15}\ \Phi_{18}^{14}\ \Phi_{12}^{15}\ \Phi_{8}^{14}\ \Phi_{6}^{15}\ \Phi_{4}^{14}\ \Phi_{2}^{14}$
43701	896	165	$\frac{2}{55}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{53}{165}$	$\Phi_{165}^{8}\ \Phi_{33}^{8}\ \Phi_{15}^{8}\ \Phi_{5}^{3}\ \Phi_{3}^{8}\ \Phi_{1}^{4}$
43702	896	135	$\frac{2}{45}$	$\frac{23}{135}$	$\frac{1}{5}$	$\frac{43}{135}$	$\Phi_{135}^{6}\ \Phi_{45}^{8}\ \Phi_{27}^{6}\ \Phi_{15}^{8}\ \Phi_{9}^{8}\ \Phi_{5}^{7}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
43703	896	405	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{25}{81}$	$\Phi_{405}^{4}\ \Phi_{45}\ \Phi_{15}$
43704	896	1215	$\frac{19}{243}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{45}\ \Phi_{15}$
43705	896	45	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{45}^{28}\ \Phi_{15}^{4}\ \Phi_{9}^{28}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
43706	896	75	$\frac{1}{15}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{75}^{14}\ \Phi_{25}^{14}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
43707	896	323	$\frac{1}{17}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{323}^{3}\ \Phi_{17}^{2}$
43708	896	344	$\frac{3}{43}$	$\frac{1}{8}$	$\frac{10}{43}$	$\frac{11}{43}$	$\Phi_{344}^{3}\ \Phi_{172}^{3}\ \Phi_{86}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
43709	896	75	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{6}{25}$	$\frac{19}{75}$	$\Phi_{75}^{16}\ \Phi_{25}^{4}\ \Phi_{15}^{16}\ \Phi_{5}^{3}\ \Phi_{3}^{16}\ \Phi_{1}^{4}$
43710	896	55	$\frac{3}{55}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{13}{55}$	$\Phi_{55}^{16}\ \Phi_{11}^{16}\ \Phi_{5}^{19}\ \Phi_{1}^{20}$
43711	896	895	$\frac{51}{895}$	$\frac{171}{895}$	$\frac{181}{895}$	$\frac{211}{895}$	$\Phi_{895}\ \Phi_{179}\ \Phi_{5}\ \Phi_{1}^{2}$
43712	896	225	$\frac{13}{225}$	$\frac{43}{225}$	$\frac{1}{5}$	$\frac{53}{225}$	$\Phi_{225}^{4}\ \Phi_{75}^{4}\ \Phi_{45}^{4}\ \Phi_{25}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
43713	896	279	$\frac{3}{31}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{31}$	$\Phi_{279}^{3}\ \Phi_{93}^{3}\ \Phi_{31}^{4}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
43714	896	1240	$\frac{3}{31}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{31}$	$\Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
43715	896	895	$\frac{87}{895}$	$\frac{99}{895}$	$\frac{199}{895}$	$\frac{202}{895}$	$\Phi_{895}\ \Phi_{179}\ \Phi_{5}\ \Phi_{1}^{2}$
43716	896	1032	$\frac{13}{129}$	$\frac{1}{8}$	$\frac{25}{129}$	$\frac{29}{129}$	$\Phi_{1032}\ \Phi_{516}\ \Phi_{344}\ \Phi_{258}\ \Phi_{172}\ \Phi_{86}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
43717	896	895	$\frac{99}{895}$	$\frac{103}{895}$	$\frac{174}{895}$	$\frac{199}{895}$	$\Phi_{895}\ \Phi_{179}\ \Phi_{5}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
43718	896	45	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{45}^{25}\ \Phi_{15}^{25}\ \Phi_{5}^{24}$
43719	896	1017	$\frac{1}{9}$	$\frac{13}{113}$	$\frac{22}{113}$	$\frac{25}{113}$	$\Phi_{1017}\ \Phi_{339}$
43720	896	179	$\frac{18}{179}$	$\frac{23}{179}$	$\frac{35}{179}$	$\frac{39}{179}$	$\Phi_{179}^{5}\ \Phi_{1}^{6}$
43721	896	225	$\frac{22}{225}$	$\frac{29}{225}$	$\frac{1}{5}$	$\frac{49}{225}$	$\Phi_{225}^{4}\ \Phi_{75}^{4}\ \Phi_{45}^{4}\ \Phi_{25}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
43722	896	15	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{15}^{64}\ \Phi_{5}^{51}\ \Phi_{3}^{64}\ \Phi_{1}^{52}$
43723	896	275	$\frac{4}{55}$	$\frac{51}{275}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{275}^{4}\ \Phi_{25}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
43724	896	165	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{165}^{6}\ \Phi_{55}^{3}\ \Phi_{33}^{8}\ \Phi_{15}^{6}\ \Phi_{11}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
43725	896	55	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{55}^{16}\ \Phi_{11}^{16}\ \Phi_{5}^{19}\ \Phi_{1}^{20}$
43726	896	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{72}^{4}\ \Phi_{60}^{3}\ \Phi_{36}^{4}\ \Phi_{30}^{3}\ \Phi_{24}^{4}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}$
43727	896	135	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{135}$	$\frac{1}{5}$	$\Phi_{135}^{6}\ \Phi_{45}^{7}\ \Phi_{27}^{8}\ \Phi_{15}^{7}\ \Phi_{9}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
43728	896	125	$\frac{13}{125}$	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\Phi_{125}^{7}\ \Phi_{25}^{8}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
43729	896	75	$\frac{3}{25}$	$\frac{11}{75}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{75}^{14}\ \Phi_{25}^{8}\ \Phi_{15}^{14}\ \Phi_{5}^{7}\ \Phi_{3}^{14}\ \Phi_{1}^{8}$
43730	897	1188	$\frac{2}{297}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{295}{594}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{297}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{27}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
43731	897	512	$\frac{1}{128}$	$\frac{43}{256}$	$\frac{213}{512}$	$\frac{127}{256}$	$\Phi_{512}^{3}\ \Phi_{256}\ \Phi_{1}$
43732	897	400	$\frac{1}{100}$	$\frac{1}{4}$	$\frac{101}{400}$	$\frac{99}{200}$	$\Phi_{400}^{3}\ \Phi_{100}^{3}\ \Phi_{80}^{3}\ \Phi_{50}^{3}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43733	897	592	$\frac{3}{296}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{293}{592}$	$\Phi_{592}^{3}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43734	897	1180	$\frac{4}{295}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{291}{590}$	$\Phi_{1180}\ \Phi_{295}\ \Phi_{236}\ \Phi_{59}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
43735	897	408	$\frac{1}{68}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{67}{136}$	$\Phi_{204}^{4}\ \Phi_{136}\ \Phi_{102}^{4}\ \Phi_{68}^{4}\ \Phi_{51}^{4}\ \Phi_{34}^{4}\ \Phi_{24}\ \Phi_{17}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
43736	897	2040	$\frac{1}{68}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{67}{136}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{136}\ \Phi_{120}\ \Phi_{40}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
43737	897	1224	$\frac{1}{68}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{67}{136}$	$\Phi_{1224}^{2}\ \Phi_{136}\ \Phi_{72}^{2}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
43738	897	272	$\frac{1}{68}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{67}{136}$	$\Phi_{272}^{4}\ \Phi_{136}\ \Phi_{68}^{4}\ \Phi_{34}^{4}\ \Phi_{17}^{4}\ \Phi_{16}^{5}\ \Phi_{8}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
43739	897	360	$\frac{1}{60}$	$\frac{61}{360}$	$\frac{1}{4}$	$\frac{59}{120}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{90}^{3}\ \Phi_{72}^{3}\ \Phi_{60}^{3}\ \Phi_{45}^{3}\ \Phi_{36}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{18}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43740	897	588	$\frac{5}{294}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{289}{588}$	$\Phi_{588}^{3}\ \Phi_{196}^{3}\ \Phi_{84}^{3}\ \Phi_{28}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
43741	897	588	$\frac{5}{294}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{289}{588}$	$\Phi_{588}\ \Phi_{294}^{2}\ \Phi_{196}\ \Phi_{147}^{2}\ \Phi_{98}^{2}\ \Phi_{84}\ \Phi_{49}^{2}\ \Phi_{42}^{2}\ \Phi_{28}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43742	897	1760	$\frac{17}{880}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{863}{1760}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{160}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
43743	897	1204	$\frac{6}{301}$	$\frac{1}{7}$	$\frac{307}{1204}$	$\frac{295}{602}$	$\Phi_{1204}\ \Phi_{301}\ \Phi_{172}\ \Phi_{43}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
43744	897	836	$\frac{1}{38}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{37}{76}$	$\Phi_{418}^{2}\ \Phi_{209}^{2}\ \Phi_{76}\ \Phi_{44}\ \Phi_{38}^{2}\ \Phi_{22}^{2}\ \Phi_{19}^{2}\ \Phi_{11}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43745	897	2508	$\frac{1}{38}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{37}{76}$	$\Phi_{2508}\ \Phi_{228}\ \Phi_{132}\ \Phi_{76}\ \Phi_{33}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
43746	897	1000	$\frac{3}{100}$	$\frac{103}{1000}$	$\frac{1}{4}$	$\frac{97}{200}$	$\Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
43747	897	580	$\frac{9}{290}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{281}{580}$	$\Phi_{580}\ \Phi_{290}^{2}\ \Phi_{145}^{2}\ \Phi_{116}\ \Phi_{58}^{2}\ \Phi_{29}^{2}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43748	897	576	$\frac{11}{288}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{277}{576}$	$\Phi_{576}^{3}\ \Phi_{192}^{3}\ \Phi_{64}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43749	897	576	$\frac{11}{288}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{277}{576}$	$\Phi_{576}^{3}\ \Phi_{192}^{3}\ \Phi_{64}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43750	897	836	$\frac{1}{22}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{21}{44}$	$\Phi_{836}^{2}\ \Phi_{76}^{2}\ \Phi_{44}^{3}\ \Phi_{19}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
43751	897	308	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{308}^{2}\ \Phi_{154}^{4}\ \Phi_{77}^{4}\ \Phi_{44}\ \Phi_{28}^{4}\ \Phi_{22}^{2}\ \Phi_{14}^{5}\ \Phi_{11}^{2}\ \Phi_{7}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43752	897	1140	$\frac{14}{285}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{271}{570}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}^{2}\ \Phi_{57}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
43753	897	1216	$\frac{15}{304}$	$\frac{1}{16}$	$\frac{319}{1216}$	$\frac{289}{608}$	$\Phi_{1216}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{64}\ \Phi_{38}\ \Phi_{19}\ \Phi_{1}$
43754	897	320	$\frac{1}{20}$	$\frac{21}{320}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{80}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
43755	897	910	$\frac{4}{65}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{910}\ \Phi_{455}\ \Phi_{182}\ \Phi_{91}\ \Phi_{70}^2\ \Phi_{65}\ \Phi_{35}^2\ \Phi_{14}\ \Phi_{13}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
43756	897	560	$\frac{1}{28}$	$\frac{19}{280}$	$\frac{9}{28}$	$\frac{261}{560}$	$\Phi_{560}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
43757	897	560	$\frac{1}{20}$	$\frac{19}{280}$	$\frac{1}{4}$	$\frac{261}{560}$	$\Phi_{560}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
43758	897	560	$\frac{19}{280}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{261}{560}$	$\Phi_{560}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}\ \Phi_{35}\ \Phi_{16}^3\ \Phi_{10}\ \Phi_5\ \Phi_1$
43759	897	28	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{28}^{26}\ \Phi_{14}^{38}\ \Phi_7^{38}\ \Phi_4^{26}\ \Phi_2^{38}\ \Phi_1^{39}$
43760	897	128	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{3}{16}$	$\frac{59}{128}$	$\Phi_{128}^{13}\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
43761	897	408	$\frac{1}{34}$	$\frac{1}{12}$	$\frac{11}{34}$	$\frac{11}{24}$	$\Phi_{408}^4\ \Phi_{136}^4\ \Phi_{34}^2\ \Phi_{24}^5\ \Phi_{17}^2\ \Phi_8^5\ \Phi_2^2\ \Phi_1^3$
43762	897	24	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{24}^{36}\ \Phi_{12}^{39}\ \Phi_8^{36}\ \Phi_6^{39}\ \Phi_4^{38}\ \Phi_3^{39}\ \Phi_2^{38}\ \Phi_1^{39}$
43763	897	2040	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{16}{85}$	$\frac{11}{24}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{120}\ \Phi_{85}\ \Phi_{40}\ \Phi_{24}\ \Phi_8\ \Phi_5\ \Phi_1$
43764	897	1100	$\frac{1}{25}$	$\frac{24}{275}$	$\frac{1}{4}$	$\frac{251}{550}$	$\Phi_{1100}\ \Phi_{275}\ \Phi_{220}\ \Phi_{100}^2\ \Phi_{55}\ \Phi_{50}\ \Phi_{44}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
43765	897	1232	$\frac{1}{28}$	$\frac{27}{308}$	$\frac{335}{1232}$	$\frac{281}{616}$	$\Phi_{1232}\ \Phi_{308}\ \Phi_{176}\ \Phi_{154}\ \Phi_{112}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
43766	897	840	$\frac{1}{40}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
43767	897	42	$\frac{1}{14}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{42}^{18}\ \Phi_{21}^{21}\ \Phi_{14}^{24}\ \Phi_7^{26}\ \Phi_6^{18}\ \Phi_3^{21}\ \Phi_2^{24}\ \Phi_1^{27}$
43768	897	560	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{112}^2\ \Phi_{80}\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{35}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
43769	897	540	$\frac{1}{30}$	$\frac{29}{270}$	$\frac{1}{4}$	$\frac{241}{540}$	$\Phi_{540}\ \Phi_{270}^2\ \Phi_{180}\ \Phi_{135}^2\ \Phi_{108}\ \Phi_{90}^2\ \Phi_{60}^3\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{30}^3\ \Phi_{27}^2\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
43770	897	840	$\frac{1}{24}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}^2\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
43771	897	1600	$\frac{3}{100}$	$\frac{97}{800}$	$\frac{1}{4}$	$\frac{703}{1600}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
43772	897	160	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{160}^8\ \Phi_{40}^7\ \Phi_{32}^7\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_8^6\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
43773	897	48	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{48}^{16}\ \Phi_{24}^{23}\ \Phi_{16}^{14}\ \Phi_{12}^{23}\ \Phi_8^{20}\ \Phi_6^{23}\ \Phi_4^{20}\ \Phi_3^{23}\ \Phi_2^{20}\ \Phi_1^{21}$
43774	897	40	$\frac{1}{40}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{40}^{22}\ \Phi_{20}^{23}\ \Phi_{10}^{23}\ \Phi_8^{22}\ \Phi_5^{23}\ \Phi_4^{22}\ \Phi_2^{22}\ \Phi_1^{23}$
43775	897	280	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{280}^6\ \Phi_{70}^2\ \Phi_{56}^6\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_8^3\ \Phi_7\ \Phi_5\ \Phi_1$
43776	897	512	$\frac{1}{64}$	$\frac{43}{256}$	$\frac{21}{64}$	$\frac{213}{512}$	$\Phi_{512}^3\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
43777	897	980	$\frac{1}{14}$	$\frac{83}{980}$	$\frac{13}{70}$	$\frac{57}{140}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{196}\ \Phi_{98}\ \Phi_{70}\ \Phi_{49}\ \Phi_{35}\ \Phi_{10}\ \Phi_5\ \Phi_1$
43778	897	500	$\frac{1}{50}$	$\frac{49}{250}$	$\frac{1}{4}$	$\frac{201}{500}$	$\Phi_{500}\ \Phi_{250}^2\ \Phi_{125}^2\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
43779	897	1280	$\frac{1}{64}$	$\frac{63}{320}$	$\frac{383}{1280}$	$\frac{257}{640}$	$\Phi_{1280}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
43780	897	192	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{192}^8\ \Phi_{64}^7\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
43781	897	112	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{112}^{13}\ \Phi_{16}^{13}\ \Phi_{14}^{12}\ \Phi_7^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
43782	897	480	$\frac{1}{60}$	$\frac{59}{240}$	$\frac{1}{4}$	$\frac{181}{480}$	$\Phi_{480}^3\ \Phi_{160}^3\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{32}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
43783	897	304	$\frac{5}{304}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{304}^3\ \Phi_{152}^3\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
43784	897	360	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^4\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^4\ \Phi_{45}^2\ \Phi_{40}^3\ \Phi_{36}\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^2\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
43785	897	308	$\frac{9}{308}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{308}^3\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{44}^3\ \Phi_{28}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
43786	897	120	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{120}^8\ \Phi_{60}^8\ \Phi_{40}^8\ \Phi_{30}^8\ \Phi_{24}^7\ \Phi_{20}^5\ \Phi_{15}^8\ \Phi_{12}^7\ \Phi_{10}^7\ \Phi_8^7\ \Phi_6^7\ \Phi_5^7\ \Phi_4^4\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
43787	897	320	$\frac{1}{16}$	$\frac{21}{320}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
43788	897	336	$\frac{1}{28}$	$\frac{37}{336}$	$\frac{9}{28}$	$\frac{19}{56}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
43789	897	384	$\frac{1}{64}$	$\frac{85}{384}$	$\frac{21}{64}$	$\frac{43}{128}$	$\Phi_{384}^{3}\ \Phi_{192}^{3}\ \Phi_{96}^{3}\ \Phi_{64}^{2}\ \Phi_{48}^{3}\ \Phi_{32}^{2}\ \Phi_{24}^{3}\ \Phi_{16}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43790	897	900	$\frac{1}{75}$	$\frac{1}{4}$	$\frac{74}{225}$	$\frac{151}{450}$	$\Phi_{900}\ \Phi_{300}^{2}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}^{2}\ \Phi_{75}\ \Phi_{60}^{2}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
43791	897	448	$\frac{1}{112}$	$\frac{37}{112}$	$\frac{149}{448}$	$\frac{75}{224}$	$\Phi_{448}^{3}\ \Phi_{112}^{2}\ \Phi_{64}^{3}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43792	897	510	$\frac{1}{34}$	$\frac{2}{15}$	$\frac{11}{34}$	$\frac{1}{3}$	$\Phi_{510}^{2}\ \Phi_{255}^{2}\ \Phi_{170}^{2}\ \Phi_{85}^{2}\ \Phi_{34}^{2}\ \Phi_{30}^{2}\ \Phi_{17}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43793	897	396	$\frac{2}{99}$	$\frac{97}{396}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^{2}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{99}^{3}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{36}^{2}\ \Phi_{33}^{3}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{11}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43794	897	612	$\frac{7}{306}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{612}^{2}\ \Phi_{306}\ \Phi_{204}^{2}\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}^{2}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
43795	897	120	$\frac{1}{24}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^{9}\ \Phi_{60}^{8}\ \Phi_{40}^{9}\ \Phi_{30}^{8}\ \Phi_{24}^{3}\ \Phi_{20}^{8}\ \Phi_{15}^{9}\ \Phi_{12}^{3}\ \Phi_{10}^{8}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{9}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43796	897	660	$\frac{2}{33}$	$\frac{31}{330}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^{2}\ \Phi_{330}\ \Phi_{220}^{2}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{60}^{2}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
43797	897	324	$\frac{2}{27}$	$\frac{25}{324}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{324}^{3}\ \Phi_{162}^{3}\ \Phi_{108}^{2}\ \Phi_{81}^{3}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{3}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43798	897	255	$\frac{1}{17}$	$\frac{2}{15}$	$\frac{16}{85}$	$\frac{1}{3}$	$\Phi_{255}^{3}\ \Phi_{85}^{4}\ \Phi_{51}^{4}\ \Phi_{17}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
43799	897	444	$\frac{3}{148}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{145}{444}$	$\Phi_{444}^{3}\ \Phi_{222}^{3}\ \Phi_{111}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43800	897	306	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{11}{34}$	$\Phi_{306}^{4}\ \Phi_{153}^{4}\ \Phi_{34}^{2}\ \Phi_{18}^{5}\ \Phi_{17}^{2}\ \Phi_{9}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43801	897	272	$\frac{1}{34}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{11}{34}$	$\Phi_{272}^{4}\ \Phi_{136}^{4}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{16}^{5}\ \Phi_{8}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43802	897	360	$\frac{1}{30}$	$\frac{61}{360}$	$\frac{1}{4}$	$\frac{29}{90}$	$\Phi_{360}^{3}\ \Phi_{180}\ \Phi_{120}^{3}\ \Phi_{90}^{2}\ \Phi_{72}^{3}\ \Phi_{60}^{3}\ \Phi_{45}^{2}\ \Phi_{40}^{3}\ \Phi_{36}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43803	897	441	$\frac{5}{147}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{142}{441}$	$\Phi_{441}^{3}\ \Phi_{63}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
43804	897	420	$\frac{1}{28}$	$\frac{19}{140}$	$\frac{121}{420}$	$\frac{9}{28}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{60}^{3}\ \Phi_{42}^{3}\ \Phi_{30}^{3}\ \Phi_{28}^{2}\ \Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43805	897	440	$\frac{17}{440}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{141}{440}$	$\Phi_{440}^{2}\ \Phi_{220}^{2}\ \Phi_{110}^{2}\ \Phi_{88}^{2}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{40}^{2}\ \Phi_{22}^{2}\ \Phi_{20}^{3}\ \Phi_{11}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43806	897	627	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{6}{19}$	$\Phi_{627}^{2}\ \Phi_{57}^{2}\ \Phi_{33}^{3}\ \Phi_{19}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
43807	897	432	$\frac{1}{16}$	$\frac{11}{144}$	$\frac{133}{432}$	$\frac{5}{16}$	$\Phi_{432}^{3}\ \Phi_{216}^{3}\ \Phi_{108}^{3}\ \Phi_{54}^{3}\ \Phi_{27}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43808	897	336	$\frac{1}{16}$	$\frac{37}{336}$	$\frac{11}{48}$	$\frac{5}{16}$	$\Phi_{336}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{3}\ \Phi_{84}^{3}\ \Phi_{56}^{3}\ \Phi_{42}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{16}^{2}\ \Phi_{14}^{3}\ \Phi_{8}^{2}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43809	897	384	$\frac{1}{16}$	$\frac{11}{96}$	$\frac{85}{384}$	$\frac{5}{16}$	$\Phi_{384}^{3}\ \Phi_{192}^{3}\ \Phi_{128}^{3}\ \Phi_{64}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43810	897	80	$\frac{1}{16}$	$\frac{11}{80}$	$\frac{3}{16}$	$\frac{5}{16}$	$\Phi_{80}^{13}\ \Phi_{40}^{13}\ \Phi_{20}^{13}\ \Phi_{16}^{4}\ \Phi_{10}^{13}\ \Phi_{8}^{4}\ \Phi_{5}^{13}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
43811	897	432	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{133}{432}$	$\Phi_{432}^{3}\ \Phi_{216}^{3}\ \Phi_{108}^{3}\ \Phi_{54}^{3}\ \Phi_{27}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43812	897	324	$\frac{25}{324}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{324}^{3}\ \Phi_{162}^{3}\ \Phi_{108}^{3}\ \Phi_{81}^{3}\ \Phi_{54}^{3}\ \Phi_{27}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43813	897	924	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{924}^{2}\ \Phi_{462}\ \Phi_{231}\ \Phi_{132}\ \Phi_{84}^{2}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
43814	897	132	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{132}^{7}\ \Phi_{66}^{5}\ \Phi_{44}^{9}\ \Phi_{33}^{6}\ \Phi_{22}^{7}\ \Phi_{12}^{7}\ \Phi_{11}^{7}\ \Phi_{6}^{4}\ \Phi_{4}^{9}\ \Phi_{3}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
43815	897	210	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{210}^{6}\ \Phi_{105}^{6}\ \Phi_{70}^{2}\ \Phi_{42}^{6}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{21}^{6}\ \Phi_{15}^{3}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}^{3}\ \Phi_{5}\ \Phi_{3}^{3}\ \Phi_{1}$
43816	897	420	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{1}{4}$	$\frac{121}{420}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{60}^{3}\ \Phi_{42}^{3}\ \Phi_{30}^{3}\ \Phi_{21}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43817	897	420	$\frac{1}{14}$	$\frac{19}{140}$	$\frac{13}{70}$	$\frac{121}{420}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{70}\ \Phi_{60}^{3}\ \Phi_{42}^{3}\ \Phi_{35}\ \Phi_{30}^{3}\ \Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}\ \Phi_{6}^{3}\ \Phi_{5}\ \Phi_{3}^{3}\ \Phi_{1}$
43818	897	315	$\frac{16}{315}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{315}^{3}\ \Phi_{105}^{3}\ \Phi_{63}^{3}\ \Phi_{45}^{3}\ \Phi_{35}^{3}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
43819	897	392	$\frac{5}{98}$	$\frac{1}{7}$	$\frac{93}{392}$	$\frac{2}{7}$	$\Phi_{392}^{3}\ \Phi_{196}^{3}\ \Phi_{56}^{3}\ \Phi_{28}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
43820	897	28	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{28}^{39}\ \Phi_{14}^{24}\ \Phi_{7}^{26}\ \Phi_{4}^{39}\ \Phi_{2}^{24}\ \Phi_{1}^{27}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
43821	897	343	$\frac{5}{49}$	$\frac{44}{343}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{343}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
43822	897	336	$\frac{37}{336}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{336}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{3}\ \Phi_{84}^{3}\ \Phi_{56}^{3}\ \Phi_{48}^{3}\ \Phi_{28}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
43823	897	32	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{9}{32}$	$\Phi_{32}^{26}\ \Phi_{16}^{30}\ \Phi_{8}^{30}\ \Phi_{4}^{30}\ \Phi_{2}^{30}\ \Phi_{1}^{31}$
43824	897	72	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{72}^{18}\ \Phi_{36}^{16}\ \Phi_{24}^{3}\ \Phi_{18}^{17}\ \Phi_{12}^{3}\ \Phi_{9}^{17}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43825	897	1530	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{16}{85}$	$\frac{5}{18}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{90}\ \Phi_{85}\ \Phi_{45}\ \Phi_{18}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
43826	897	350	$\frac{1}{14}$	$\frac{51}{350}$	$\frac{13}{70}$	$\frac{19}{70}$	$\Phi_{350}^{3}\ \Phi_{175}^{3}\ \Phi_{70}\ \Phi_{50}^{3}\ \Phi_{35}\ \Phi_{25}^{3}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
43827	897	400	$\frac{3}{100}$	$\frac{97}{400}$	$\frac{1}{4}$	$\frac{101}{400}$	$\Phi_{400}^{2}\ \Phi_{200}^{2}\ \Phi_{100}^{3}\ \Phi_{80}^{2}\ \Phi_{50}^{3}\ \Phi_{40}^{2}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43828	897	48	$\frac{1}{24}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{48}^{24}\ \Phi_{24}^{15}\ \Phi_{16}^{21}\ \Phi_{12}^{15}\ \Phi_{8}^{12}\ \Phi_{6}^{15}\ \Phi_{4}^{14}\ \Phi_{3}^{15}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
43829	897	272	$\frac{3}{68}$	$\frac{3}{16}$	$\frac{65}{272}$	$\frac{1}{4}$	$\Phi_{272}^{3}\ \Phi_{136}^{3}\ \Phi_{68}^{4}\ \Phi_{34}^{4}\ \Phi_{17}^{4}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
43830	897	60	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{7}{30}$	$\frac{1}{4}$	$\Phi_{60}^{20}\ \Phi_{30}^{7}\ \Phi_{20}^{20}\ \Phi_{15}^{13}\ \Phi_{12}^{20}\ \Phi_{10}^{7}\ \Phi_{6}^{7}\ \Phi_{5}^{13}\ \Phi_{4}^{19}\ \Phi_{3}^{13}\ \Phi_{2}^{6}\ \Phi_{1}^{13}$
43831	897	336	$\frac{1}{12}$	$\frac{37}{336}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{336}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{3}\ \Phi_{84}^{3}\ \Phi_{56}^{3}\ \Phi_{42}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43832	897	384	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{85}{384}$	$\frac{1}{4}$	$\Phi_{384}^{3}\ \Phi_{192}^{3}\ \Phi_{128}^{3}\ \Phi_{64}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43833	897	320	$\frac{21}{320}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{80}^{2}\ \Phi_{64}^{3}\ \Phi_{40}^{2}\ \Phi_{32}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43834	897	1360	$\frac{1}{17}$	$\frac{3}{16}$	$\frac{16}{85}$	$\frac{1}{4}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{85}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
43835	897	1100	$\frac{17}{220}$	$\frac{3}{20}$	$\frac{203}{1100}$	$\frac{1}{4}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
43836	897	360	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{360}$	$\frac{1}{4}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{60}^{3}\ \Phi_{45}^{3}\ \Phi_{40}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43837	897	336	$\frac{37}{336}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{336}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{3}\ \Phi_{84}\ \Phi_{56}^{3}\ \Phi_{48}^{3}\ \Phi_{42}^{2}\ \Phi_{28}\ \Phi_{24}^{3}\ \Phi_{21}^{2}\ \Phi_{16}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
43838	897	85	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{1}{5}$	$\frac{4}{17}$	$\Phi_{85}^{10}\ \Phi_{17}^{13}\ \Phi_{5}^{9}\ \Phi_{1}^{13}$
43839	897	1120	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{223}{1120}$	$\frac{57}{280}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{32}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
43840	898	894	$\frac{2}{447}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{445}{894}$	$\Phi_{894}^{2}\ \Phi_{298}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
43841	898	600	$\frac{1}{150}$	$\frac{151}{600}$	$\frac{1}{3}$	$\frac{149}{300}$	$\Phi_{600}^{2}\ \Phi_{200}^{2}\ \Phi_{150}^{2}\ \Phi_{120}^{2}\ \Phi_{75}^{2}\ \Phi_{50}^{2}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{25}^{2}\ \Phi_{24}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
43842	898	891	$\frac{7}{891}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{442}{891}$	$\Phi_{891}\ \Phi_{297}\ \Phi_{99}\ \Phi_{81}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
43843	898	2670	$\frac{4}{445}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{441}{890}$	$\Phi_{2670}\ \Phi_{534}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
43844	898	540	$\frac{1}{90}$	$\frac{91}{540}$	$\frac{1}{3}$	$\frac{89}{180}$	$\Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{135}^{2}\ \Phi_{108}^{2}\ \Phi_{90}^{2}\ \Phi_{54}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
43845	898	888	$\frac{5}{444}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{439}{888}$	$\Phi_{888}^{2}\ \Phi_{296}^{2}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
43846	898	828	$\frac{1}{69}$	$\frac{35}{414}$	$\frac{379}{828}$	$\frac{34}{69}$	$\Phi_{828}^{2}\ \Phi_{276}^{2}\ \Phi_{92}^{2}\ \Phi_{69}\ \Phi_{36}^{2}\ \Phi_{23}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
43847	898	621	$\frac{1}{69}$	$\frac{35}{207}$	$\frac{172}{621}$	$\frac{34}{69}$	$\Phi_{621}^{2}\ \Phi_{69}\ \Phi_{27}^{2}\ \Phi_{23}\ \Phi_{3}\ \Phi_{1}^{2}$
43848	898	552	$\frac{1}{69}$	$\frac{103}{552}$	$\frac{35}{138}$	$\frac{34}{69}$	$\Phi_{552}^{2}\ \Phi_{276}^{2}\ \Phi_{184}^{2}\ \Phi_{92}^{2}\ \Phi_{69}\ \Phi_{24}^{2}\ \Phi_{23}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
43849	898	885	$\frac{13}{885}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{436}{885}$	$\Phi_{885}\ \Phi_{295}\ \Phi_{177}\ \Phi_{59}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
43850	898	884	$\frac{7}{442}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{435}{884}$	$\Phi_{884}^{2}\ \Phi_{68}^{2}\ \Phi_{52}^{2}\ \Phi_{13}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
43851	898	882	$\frac{8}{441}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{433}{882}$	$\Phi_{882}^{2}\ \Phi_{294}^{2}\ \Phi_{126}^{2}\ \Phi_{98}^{2}\ \Phi_{42}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
43852	898	1500	$\frac{1}{50}$	$\frac{51}{500}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{375}\ \Phi_{150}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
43853	898	2640	$\frac{9}{440}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{431}{880}$	$\Phi_{2640}\ \Phi_{528}\ \Phi_{240}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
43854	898	858	$\frac{1}{39}$	$\frac{20}{429}$	$\frac{409}{858}$	$\frac{19}{39}$	$\Phi_{858}^{2}\ \Phi_{286}^{2}\ \Phi_{78}^{2}\ \Phi_{66}^{2}\ \Phi_{39}\ \Phi_{26}^{2}\ \Phi_{22}^{2}\ \Phi_{13}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
43855	898	874	$\frac{12}{437}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{425}{874}$	$\Phi_{874}^{2}\ \Phi_{46}^{2}\ \Phi_{38}^{2}\ \Phi_{23}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
43856	898	870	$\frac{14}{435}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{421}{870}$	$\Phi_{870}^2\ \Phi_{290}^2\ \Phi_{174}^2\ \Phi_{58}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
43857	898	480	$\frac{1}{30}$	$\frac{31}{480}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
43858	898	864	$\frac{17}{432}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{415}{864}$	$\Phi_{864}^2\ \Phi_{288}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
43859	898	855	$\frac{2}{45}$	$\frac{43}{855}$	$\frac{1}{3}$	$\frac{406}{855}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{171}\ \Phi_{95}\ \Phi_{57}\ \Phi_{45}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
43860	898	468	$\frac{19}{468}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
43861	898	2550	$\frac{1}{25}$	$\frac{24}{425}$	$\frac{1}{3}$	$\frac{401}{850}$	$\Phi_{2550}\ \Phi_{510}\ \Phi_{150}\ \Phi_{102}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
43862	898	845	$\frac{53}{845}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{396}{845}$	$\Phi_{845}\ \Phi_{169}\ \Phi_{65}^2\ \Phi_{13}\ \Phi_5^2\ \Phi_1^2$
43863	898	546	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{97}{546}$	$\frac{85}{182}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{91}^2\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{39}^2\ \Phi_{21}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
43864	898	840	$\frac{1}{30}$	$\frac{29}{420}$	$\frac{1}{3}$	$\frac{391}{840}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
43865	898	663	$\frac{7}{221}$	$\frac{1}{13}$	$\frac{214}{663}$	$\frac{6}{13}$	$\Phi_{663}^2\ \Phi_{51}^2\ \Phi_{39}^2\ \Phi_{13}\ \Phi_3^2\ \Phi_1^2$
43866	898	468	$\frac{19}{468}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
43867	898	828	$\frac{1}{23}$	$\frac{35}{414}$	$\frac{11}{46}$	$\frac{379}{828}$	$\Phi_{828}^2\ \Phi_{276}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{36}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
43868	898	825	$\frac{2}{75}$	$\frac{73}{825}$	$\frac{1}{3}$	$\frac{376}{825}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{165}\ \Phi_{75}^2\ \Phi_{55}\ \Phi_{33}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
43869	898	520	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{71}{520}$	$\frac{59}{130}$	$\Phi_{520}^2\ \Phi_{260}^2\ \Phi_{104}^2\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
43870	898	819	$\frac{1}{39}$	$\frac{79}{819}$	$\frac{38}{117}$	$\frac{370}{819}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{117}^2\ \Phi_{91}\ \Phi_{63}\ \Phi_{39}\ \Phi_{21}\ \Phi_{13}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
43871	898	819	$\frac{1}{13}$	$\frac{79}{819}$	$\frac{12}{91}$	$\frac{370}{819}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{117}\ \Phi_{91}^2\ \Phi_{63}\ \Phi_{39}\ \Phi_{21}\ \Phi_{13}\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
43872	898	1380	$\frac{11}{460}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
43873	898	810	$\frac{1}{45}$	$\frac{44}{405}$	$\frac{1}{3}$	$\frac{361}{810}$	$\Phi_{810}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
43874	898	805	$\frac{1}{23}$	$\frac{93}{805}$	$\frac{22}{115}$	$\frac{356}{805}$	$\Phi_{805}\ \Phi_{161}\ \Phi_{115}^2\ \Phi_{35}\ \Phi_{23}\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
43875	898	552	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{103}{552}$	$\frac{81}{184}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
43876	898	624	$\frac{1}{39}$	$\frac{19}{156}$	$\frac{175}{624}$	$\frac{137}{312}$	$\Phi_{624}^2\ \Phi_{208}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
43877	898	2400	$\frac{1}{50}$	$\frac{49}{400}$	$\frac{1}{3}$	$\frac{351}{800}$	$\Phi_{2400}\ \Phi_{480}\ \Phi_{150}\ \Phi_{96}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
43878	898	780	$\frac{1}{39}$	$\frac{59}{390}$	$\frac{19}{78}$	$\frac{331}{780}$	$\Phi_{780}^2\ \Phi_{260}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
43879	898	780	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{59}{390}$	$\frac{331}{780}$	$\Phi_{780}^2\ \Phi_{260}^2\ \Phi_{156}^2\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
43880	898	456	$\frac{7}{456}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{456}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{24}^2\ \Phi_{19}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
43881	898	750	$\frac{1}{75}$	$\frac{74}{375}$	$\frac{1}{3}$	$\frac{301}{750}$	$\Phi_{750}^2\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
43882	898	736	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{81}{368}$	$\frac{287}{736}$	$\Phi_{736}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{32}^2\ \Phi_{23}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
43883	898	728	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{85}{364}$	$\frac{279}{728}$	$\Phi_{728}^2\ \Phi_{104}^2\ \Phi_{91}^2\ \Phi_{56}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_7^2\ \Phi_1^2$
43884	898	720	$\frac{1}{90}$	$\frac{89}{360}$	$\frac{1}{3}$	$\frac{271}{720}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
43885	898	702	$\frac{1}{39}$	$\frac{19}{117}$	$\frac{98}{351}$	$\frac{253}{702}$	$\Phi_{702}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{54}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
43886	898	690	$\frac{1}{23}$	$\frac{11}{115}$	$\frac{104}{345}$	$\frac{241}{690}$	$\Phi_{690}^2\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{115}^2\ \Phi_{46}^2\ \Phi_{30}^2\ \Phi_{23}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
43887	898	675	$\frac{2}{225}$	$\frac{223}{675}$	$\frac{1}{3}$	$\frac{226}{675}$	$\Phi_{675}\ \Phi_{225}^2\ \Phi_{135}\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{27}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
43888	898	540	$\frac{1}{45}$	$\frac{91}{540}$	$\frac{44}{135}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
43889	898	666	$\frac{5}{222}$	$\frac{1}{6}$	$\frac{217}{666}$	$\frac{1}{3}$	$\Phi_{666}^2\ \Phi_{333}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
43890	898	660	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{211}{660}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
43891	898	486	$\frac{1}{18}$	$\frac{37}{486}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{486}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
43892	898	648	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{199}{648}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
43893	898	630	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{181}{630}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
43894	898	459	$\frac{10}{459}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{459}^2\ \Phi_{153}^2\ \Phi_{51}^2\ \Phi_{27}\ \Phi_{17}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
43895	898	600	$\frac{1}{50}$	$\frac{49}{200}$	$\frac{151}{600}$	$\frac{1}{3}$	$\Phi_{600}\ \Phi_{300}\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
43896	898	594	$\frac{7}{297}$	$\frac{2}{9}$	$\frac{145}{594}$	$\frac{1}{3}$	$\Phi_{594}^2\ \Phi_{297}\ \Phi_{198}^2\ \Phi_{99}\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
43897	898	504	$\frac{1}{18}$	$\frac{55}{504}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
43898	898	480	$\frac{31}{480}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
43899	898	495	$\frac{7}{99}$	$\frac{46}{495}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
43900	898	486	$\frac{37}{486}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{486}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{81}\ \Phi_{54}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
43901	898	576	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{127}{576}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
43902	898	1650	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{550}$	$\frac{1}{3}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{150}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
43903	898	540	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{91}{540}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
43904	898	504	$\frac{55}{504}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
43905	898	585	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{136}{585}$	$\frac{59}{195}$	$\Phi_{585}^2\ \Phi_{117}^2\ \Phi_{65}^2\ \Phi_{45}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_5^2\ \Phi_1^2$
43906	898	546	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{97}{546}$	$\frac{79}{273}$	$\Phi_{546}^2\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
43907	898	552	$\frac{1}{23}$	$\frac{103}{552}$	$\frac{11}{46}$	$\frac{35}{138}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{184}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
43908	899	840	$\frac{1}{30}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{29}{60}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{60}\ \Phi_{56}^3\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
43909	899	420	$\frac{1}{30}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{60}$	$\Phi_{420}^4\ \Phi_{140}^4\ \Phi_{84}^4\ \Phi_{60}^5\ \Phi_{42}\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{20}^5\ \Phi_{12}^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
43910	899	480	$\frac{1}{30}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
43911	899	420	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{60}$	$\Phi_{420}^4\ \Phi_{140}^4\ \Phi_{84}^4\ \Phi_{60}^5\ \Phi_{35}\ \Phi_{28}^4\ \Phi_{20}^5\ \Phi_{12}^5\ \Phi_5\ \Phi_4^5\ \Phi_1$
43912	899	1848	$\frac{1}{28}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{88}\ \Phi_{56}\ \Phi_{33}\ \Phi_{11}\ \Phi_8\ \Phi_1$
43913	899	2520	$\frac{1}{28}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{27}{56}$	$\Phi_{2520}\ \Phi_{504}\ \Phi_{360}\ \Phi_{72}\ \Phi_{56}\ \Phi_{45}\ \Phi_9\ \Phi_8\ \Phi_1$
43914	899	280	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{27}{56}$	$\Phi_{280}^2\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{20}^5\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_5^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
43915	899	280	$\frac{1}{28}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{27}{56}$	$\Phi_{280}^6\ \Phi_{56}^7\ \Phi_{40}^6\ \Phi_{35}\ \Phi_8^7\ \Phi_7\ \Phi_1$
43916	899	504	$\frac{1}{28}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{27}{56}$	$\Phi_{504}^4\ \Phi_{168}^2\ \Phi_{72}^4\ \Phi_{56}^3\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8^3\ \Phi_4\ \Phi_1$
43917	899	864	$\frac{1}{32}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}^2\ \Phi_{72}\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
43918	899	160	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{160}^6\ \Phi_{80}^6\ \Phi_{40}^5\ \Phi_{32}^5\ \Phi_{20}^6\ \Phi_{16}^5\ \Phi_{10}^5\ \Phi_8^4\ \Phi_5^5\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
43919	899	840	$\frac{1}{30}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
43920	899	800	$\frac{1}{32}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}^2\ \Phi_{100}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
43921	899	288	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{288}^4\ \Phi_{144}^4\ \Phi_{96}^2\ \Phi_{72}^4\ \Phi_{48}^2\ \Phi_{36}^3\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
43922	899	96	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{96}^{10}\ \Phi_{48}^9\ \Phi_{32}^9\ \Phi_{24}^{10}\ \Phi_{16}^8\ \Phi_{12}^{10}\ \Phi_8^9\ \Phi_6^9\ \Phi_4^9\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
43923	899	240	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{240}^6\ \Phi_{120}^2\ \Phi_{80}^6\ \Phi_{60}^2\ \Phi_{48}^5\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^5\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
43924	899	462	$\frac{2}{33}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{42}\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{11}^3\ \Phi_6\ \Phi_3\ \Phi_1$
43925	899	1056	$\frac{2}{33}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{88}\ \Phi_{33}\ \Phi_{32}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
43926	899	288	$\frac{1}{32}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^4\ \Phi_{72}^3\ \Phi_{48}^4\ \Phi_{36}^2\ \Phi_{32}^3\ \Phi_{24}^4\ \Phi_{18}^2\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
43927	899	1155	$\frac{2}{33}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{165}\ \Phi_{55}\ \Phi_{35}\ \Phi_{33}\ \Phi_{11}\ \Phi_5\ \Phi_1$
43928	899	630	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{14}{45}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{63}^2\ \Phi_{45}^3\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
43929	899	1440	$\frac{1}{15}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{45}\ \Phi_{32}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
43930	899	315	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{14}{45}$	$\Phi_{315}^4\ \Phi_{63}^4\ \Phi_{45}^5\ \Phi_{35}\ \Phi_9^5\ \Phi_5\ \Phi_1$
43931	899	840	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{13}{42}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
43932	899	210	$\frac{1}{14}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{42}^7\ \Phi_{35}\ \Phi_{30}^6\ \Phi_{21}^7\ \Phi_{15}^6\ \Phi_7\ \Phi_6^7\ \Phi_3^7\ \Phi_1$
43933	899	252	$\frac{1}{14}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{13}{42}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{63}^4\ \Phi_{42}\ \Phi_{36}^5\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
43934	899	160	$\frac{3}{32}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{160}^6\ \Phi_{80}^6\ \Phi_{40}^3\ \Phi_{32}^7\ \Phi_{20}^5\ \Phi_{16}^7\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
43935	899	1120	$\frac{3}{32}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{35}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_7\ \Phi_1$
43936	899	288	$\frac{3}{32}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{288}^4\ \Phi_{144}^4\ \Phi_{96}^2\ \Phi_{72}^4\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{32}^3\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_9\ \Phi_8^3\ \Phi_4\ \Phi_1$
43937	899	280	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{9}{40}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{56}^4\ \Phi_{40}^5\ \Phi_{35}\ \Phi_{28}^4\ \Phi_{20}^5\ \Phi_8^5\ \Phi_5\ \Phi_4^5\ \Phi_1$
43938	899	35	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{35}^{26}\ \Phi_7^{25}\ \Phi_5^{25}\ \Phi_1^{25}$
43939	899	1260	$\frac{5}{36}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{35}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{180}\ \Phi_{140}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
43940	900	1344	$\frac{1}{224}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{223}{448}$	$\Phi_{1344}\ \Phi_{448}^2\ \Phi_{192}\ \Phi_{64}^2\ \Phi_3\ \Phi_1^2$
43941	900	1432	$\frac{1}{179}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{89}{179}$	$\Phi_{1432}\ \Phi_{179}\ \Phi_8^2\ \Phi_1^2$
43942	900	745	$\frac{1}{149}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{74}{149}$	$\Phi_{745}\ \Phi_{149}^2\ \Phi_5^2\ \Phi_1^4$
43943	900	1788	$\frac{1}{149}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{74}{149}$	$\Phi_{1788}\ \Phi_{894}\ \Phi_{12}^2\ \Phi_6^2$
43944	900	899	$\frac{7}{899}$	$\frac{151}{899}$	$\frac{374}{899}$	$\frac{446}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
43945	900	1204	$\frac{3}{301}$	$\frac{1}{4}$	$\frac{76}{301}$	$\frac{149}{301}$	$\Phi_{1204}\ \Phi_{602}\ \Phi_{172}\ \Phi_{86}\ \Phi_{28}\ \Phi_{14}$
43946	900	899	$\frac{9}{899}$	$\frac{224}{899}$	$\frac{227}{899}$	$\frac{445}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
43947	900	1584	$\frac{1}{99}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{49}{99}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{48}\ \Phi_{33}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_9\ \Phi_3\ \Phi_1^2$
43948	900	396	$\frac{1}{99}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{49}{99}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^3\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}^3\ \Phi_9^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
43949	900	1353	$\frac{5}{451}$	$\frac{76}{451}$	$\frac{1}{3}$	$\frac{223}{451}$	$\Phi_{1353}\ \Phi_{123}\ \Phi_{33}$
43950	900	801	$\frac{1}{89}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{44}{89}$	$\Phi_{801}\ \Phi_{267}\ \Phi_{89}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
43951	900	534	$\frac{1}{89}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{44}{89}$	$\Phi_{534}^2\ \Phi_{267}\ \Phi_{178}^2\ \Phi_{89}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
43952	900	899	$\frac{11}{899}$	$\frac{91}{899}$	$\frac{404}{899}$	$\frac{444}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
43953	900	1628	$\frac{1}{74}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{73}{148}$	$\Phi_{1628}\ \Phi_{148}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
43954	900	3108	$\frac{1}{74}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{73}{148}$	$\Phi_{3108}\ \Phi_{84}\ \Phi_{21}$
43955	900	1628	$\frac{1}{74}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{73}{148}$	$\Phi_{1628}\ \Phi_{148}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
43956	900	740	$\frac{1}{74}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{73}{148}$	$\Phi_{740}\ \Phi_{370}^2\ \Phi_{185}^2\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
43957	900	899	$\frac{13}{899}$	$\frac{152}{899}$	$\frac{249}{899}$	$\frac{443}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
43958	900	1086	$\frac{3}{181}$	$\frac{1}{6}$	$\frac{46}{181}$	$\frac{89}{181}$	$\Phi_{1086}\ \Phi_{543}\ \Phi_{362}$
43959	900	1204	$\frac{5}{301}$	$\frac{51}{301}$	$\frac{1}{4}$	$\frac{148}{301}$	$\Phi_{1204}\ \Phi_{602}\ \Phi_{172}\ \Phi_{86}\ \Phi_{28}\ \Phi_{14}$
43960	900	1652	$\frac{1}{59}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{29}{59}$	$\Phi_{1652}\ \Phi_{236}\ \Phi_{59}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
43961	900	413	$\frac{1}{59}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{29}{59}$	$\Phi_{413}^2\ \Phi_{59}^3\ \Phi_7^4\ \Phi_1^6$
43962	900	708	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{29}{59}$	$\Phi_{708}^2\ \Phi_{354}\ \Phi_{236}\ \Phi_{177}\ \Phi_{59}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
43963	900	899	$\frac{17}{899}$	$\frac{134}{899}$	$\frac{229}{899}$	$\frac{441}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
43964	900	1353	$\frac{9}{451}$	$\frac{46}{451}$	$\frac{1}{3}$	$\frac{221}{451}$	$\Phi_{1353}\ \Phi_{123}\ \Phi_{33}$
43965	900	833	$\frac{1}{49}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{24}{49}$	$\Phi_{833}\ \Phi_{119}\ \Phi_{49}^2\ \Phi_{17}^2\ \Phi_7^2\ \Phi_1^4$
43966	900	1470	$\frac{1}{49}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{294}\ \Phi_{210}\ \Phi_{105}\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
43967	900	833	$\frac{1}{49}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{24}{49}$	$\Phi_{833}\ \Phi_{119}\ \Phi_{49}^2\ \Phi_{17}^2\ \Phi_7^2\ \Phi_1^4$
43968	900	196	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{24}{49}$	$\Phi_{196}^6\ \Phi_{98}^6\ \Phi_{28}^7\ \Phi_{14}^7\ \Phi_4^6\ \Phi_2^6$
43969	900	899	$\frac{19}{899}$	$\frac{51}{899}$	$\frac{424}{899}$	$\frac{440}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
43970	900	1672	$\frac{1}{44}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{43}{88}$	$\Phi_{1672}\ \Phi_{152}\ \Phi_{88}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_1^2$
43971	900	264	$\frac{1}{44}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{264}^{10}\ \Phi_{33}\ \Phi_{24}^{10}$
43972	900	1672	$\frac{1}{44}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{43}{88}$	$\Phi_{1672}\ \Phi_{152}\ \Phi_{88}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_1^2$
43973	900	1320	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{43}{88}$	$\Phi_{1320}^2\ \Phi_{440}\ \Phi_{120}^2\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
43974	900	172	$\frac{1}{43}$	$\frac{11}{86}$	$\frac{1}{4}$	$\frac{21}{43}$	$\Phi_{172}^7\ \Phi_{86}^3\ \Phi_{43}^4\ \Phi_4^6\ \Phi_2^2\ \Phi_1^4$
43975	900	899	$\frac{21}{899}$	$\frac{92}{899}$	$\frac{269}{899}$	$\frac{439}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
43976	900	246	$\frac{1}{41}$	$\frac{7}{82}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{246}^6\ \Phi_{123}^5\ \Phi_6^6\ \Phi_3^4$
43977	900	1086	$\frac{5}{181}$	$\frac{1}{6}$	$\frac{31}{181}$	$\frac{88}{181}$	$\Phi_{1086}\ \Phi_{543}\ \Phi_{362}$
43978	900	899	$\frac{25}{899}$	$\frac{77}{899}$	$\frac{274}{899}$	$\frac{437}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
43979	900	899	$\frac{25}{899}$	$\frac{149}{899}$	$\frac{154}{899}$	$\frac{437}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
43980	900	1680	$\frac{1}{35}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{17}{35}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{35}\ \Phi_{16}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
43981	900	945	$\frac{1}{35}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
43982	900	1260	$\frac{1}{35}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{17}{35}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
43983	900	140	$\frac{1}{35}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{140}^6\ \Phi_{70}^6\ \Phi_{35}^7\ \Phi_{28}^7\ \Phi_{20}^6\ \Phi_{14}^7\ \Phi_{10}^6\ \Phi_7^8\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^8$
43984	900	1120	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{17}{35}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{35}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
43985	900	210	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{17}{35}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^5\ \Phi_{30}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^5\ \Phi_6^8\ \Phi_5^5\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
43986	900	1010	$\frac{3}{101}$	$\frac{1}{10}$	$\frac{26}{101}$	$\frac{49}{101}$	$\Phi_{1010}\ \Phi_{505}\ \Phi_{202}$
43987	900	1204	$\frac{9}{301}$	$\frac{31}{301}$	$\frac{1}{4}$	$\frac{146}{301}$	$\Phi_{1204}\ \Phi_{602}\ \Phi_{172}\ \Phi_{86}\ \Phi_{28}\ \Phi_{14}$
43988	900	434	$\frac{1}{31}$	$\frac{8}{217}$	$\frac{209}{434}$	$\frac{15}{31}$	$\Phi_{434}^4\ \Phi_{62}^4\ \Phi_{31}\ \Phi_{14}^4\ \Phi_2^4\ \Phi_1^2$
43989	900	217	$\frac{1}{31}$	$\frac{16}{217}$	$\frac{67}{217}$	$\frac{15}{31}$	$\Phi_{217}^4\ \Phi_{31}^5\ \Phi_7^4\ \Phi_1^6$
43990	900	248	$\frac{1}{31}$	$\frac{23}{248}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{248}^4\ \Phi_{124}^4\ \Phi_{62}^4\ \Phi_{31}\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
43991	900	31	$\frac{1}{31}$	$\frac{4}{31}$	$\frac{6}{31}$	$\frac{15}{31}$	$\Phi_{31}^{29}\ \Phi_1^{30}$
43992	900	1057	$\frac{5}{151}$	$\frac{1}{7}$	$\frac{26}{151}$	$\frac{73}{151}$	Φ_{1057}
43993	900	29	$\frac{1}{29}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{14}{29}$	$\Phi_{29}^{31}\ \Phi_1^{32}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
43994	900	1392	$\frac{1}{29}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
43995	900	29	$\frac{1}{29}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{14}{29}$	$\Phi_{29}^{31}\ \Phi_1^{32}$
43996	900	1276	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{1276}\ \Phi_{638}\ \Phi_{44}^2\ \Phi_{22}^2$
43997	900	58	$\frac{1}{29}$	$\frac{3}{29}$	$\frac{13}{58}$	$\frac{14}{29}$	$\Phi_{58}^{20}\ \Phi_{29}^{11}\ \Phi_2^{20}\ \Phi_1^{12}$
43998	900	29	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{14}{29}$	$\Phi_{29}^{31}\ \Phi_1^{32}$
43999	900	1218	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{14}{29}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{406}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
44000	900	1204	$\frac{11}{301}$	$\frac{26}{301}$	$\frac{1}{4}$	$\frac{145}{301}$	$\Phi_{1204}\ \Phi_{602}\ \Phi_{172}\ \Phi_{86}\ \Phi_{28}\ \Phi_{14}$
44001	900	899	$\frac{33}{899}$	$\frac{74}{899}$	$\frac{233}{899}$	$\frac{433}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44002	900	434	$\frac{8}{217}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{209}{434}$	$\Phi_{434}^4\ \Phi_{62}^4\ \Phi_{31}\ \Phi_{14}^4\ \Phi_2^4\ \Phi_1^2$
44003	900	1353	$\frac{17}{451}$	$\frac{26}{451}$	$\frac{1}{3}$	$\frac{217}{451}$	$\Phi_{1353}\ \Phi_{123}\ \Phi_{33}$
44004	900	912	$\frac{1}{24}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{912}^2\ \Phi_{304}^2\ \Phi_{57}$
44005	900	1680	$\frac{1}{24}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{23}{48}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{35}\ \Phi_{16}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
44006	900	624	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{624}^3\ \Phi_{208}^3\ \Phi_{52}\ \Phi_{26}$
44007	900	1680	$\frac{1}{24}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{23}{48}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{35}\ \Phi_{16}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
44008	900	240	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{240}^7\ \Phi_{80}^7\ \Phi_{48}^8\ \Phi_{16}^8\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
44009	900	336	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{23}{48}$	$\Phi_{336}^5\ \Phi_{112}^5\ \Phi_{48}^6\ \Phi_{16}^6\ \Phi_7^5\ \Phi_1^6$
44010	900	899	$\frac{41}{899}$	$\frac{47}{899}$	$\frac{284}{899}$	$\frac{429}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44011	900	899	$\frac{41}{899}$	$\frac{94}{899}$	$\frac{161}{899}$	$\frac{429}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44012	900	976	$\frac{3}{61}$	$\frac{1}{16}$	$\frac{16}{61}$	$\frac{29}{61}$	$\Phi_{976}\ \Phi_{488}\ \Phi_{244}\ \Phi_{122}$
44013	900	1086	$\frac{9}{181}$	$\frac{19}{181}$	$\frac{1}{6}$	$\frac{86}{181}$	$\Phi_{1086}\ \Phi_{543}\ \Phi_{362}$
44014	900	418	$\frac{1}{22}$	$\frac{1}{19}$	$\frac{7}{22}$	$\frac{9}{19}$	$\Phi_{418}^2\ \Phi_{209}^2\ \Phi_{38}^2\ \Phi_{22}^4\ \Phi_{19}^3\ \Phi_{11}^4\ \Phi_2^4\ \Phi_1^6$
44015	900	304	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{304}^3\ \Phi_{152}^3\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}^3\ \Phi_{16}^6\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
44016	900	209	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{19}$	$\Phi_{209}^4\ \Phi_{19}^5\ \Phi_{11}^8\ \Phi_1^{10}$
44017	900	570	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{570}^2\ \Phi_{285}^2\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{57}\ \Phi_{30}^4\ \Phi_{19}\ \Phi_{15}^4\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
44018	900	899	$\frac{49}{899}$	$\frac{79}{899}$	$\frac{164}{899}$	$\frac{425}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44019	900	1001	$\frac{5}{91}$	$\frac{1}{11}$	$\frac{16}{91}$	$\frac{43}{91}$	$\Phi_{1001}\ \Phi_{143}\ \Phi_{77}$
44020	900	899	$\frac{51}{899}$	$\frac{95}{899}$	$\frac{134}{899}$	$\frac{424}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44021	900	1326	$\frac{1}{26}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{102}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_6^2$
44022	900	646	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{646}^2\ \Phi_{323}\ \Phi_{38}^2$
44023	900	833	$\frac{1}{17}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{8}{17}$	$\Phi_{833}\ \Phi_{119}\ \Phi_{49}^2\ \Phi_{17}^2\ \Phi_7^2\ \Phi_1^4$
44024	900	1122	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{374}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2$
44025	900	476	$\frac{1}{17}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{8}{17}$	$\Phi_{476}^2\ \Phi_{238}^2\ \Phi_{119}\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{28}^4\ \Phi_{17}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
44026	900	1057	$\frac{9}{151}$	$\frac{16}{151}$	$\frac{1}{7}$	$\frac{71}{151}$	Φ_{1057}
44027	900	1086	$\frac{11}{181}$	$\frac{16}{181}$	$\frac{1}{6}$	$\frac{85}{181}$	$\Phi_{1086}\ \Phi_{543}\ \Phi_{362}$
44028	900	899	$\frac{55}{899}$	$\frac{74}{899}$	$\frac{159}{899}$	$\frac{422}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44029	900	1204	$\frac{16}{301}$	$\frac{19}{301}$	$\frac{1}{4}$	$\frac{141}{301}$	$\Phi_{1204}\ \Phi_{602}\ \Phi_{172}\ \Phi_{86}\ \Phi_{28}\ \Phi_{14}$
44030	900	899	$\frac{44}{899}$	$\frac{57}{899}$	$\frac{239}{899}$	$\frac{421}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44031	900	1353	$\frac{16}{451}$	$\frac{29}{451}$	$\frac{1}{3}$	$\frac{211}{451}$	$\Phi_{1353}\ \Phi_{123}\ \Phi_{33}$
44032	900	899	$\frac{32}{899}$	$\frac{61}{899}$	$\frac{289}{899}$	$\frac{419}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
44033	900	2604	$\frac{1}{31}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{2604}\ \Phi_{372}\ \Phi_{93}$
44034	900	1652	$\frac{2}{59}$	$\frac{1}{14}$	$\frac{19}{59}$	$\frac{13}{28}$	$\Phi_{1652}\ \Phi_{236}\ \Phi_{59}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
44035	900	84	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{84}^8\ \Phi_{42}^{15}\ \Phi_{28}^7\ \Phi_{21}^{14}\ \Phi_{14}^{13}\ \Phi_{12}^8\ \Phi_7^{12}\ \Phi_6^{15}\ \Phi_4^6\ \Phi_3^{14}\ \Phi_2^{12}\ \Phi_1^{12}$
44036	900	1652	$\frac{3}{59}$	$\frac{1}{14}$	$\frac{14}{59}$	$\frac{13}{28}$	$\Phi_{1652}\ \Phi_{236}\ \Phi_{59}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
44037	900	560	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}\ \Phi_{80}^3\ \Phi_{70}^2\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
44038	900	1652	$\frac{4}{59}$	$\frac{1}{14}$	$\frac{11}{59}$	$\frac{13}{28}$	$\Phi_{1652}\ \Phi_{236}\ \Phi_{59}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
44039	900	1092	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{1092}^2\ \Phi_{364}\ \Phi_{156}^2\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
44040	900	1652	$\frac{1}{14}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{13}{28}$	$\Phi_{1652}\ \Phi_{236}\ \Phi_{59}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
44041	900	308	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{308}^6\ \Phi_{77}\ \Phi_{44}^6$
44042	900	93	$\frac{1}{31}$	$\frac{7}{93}$	$\frac{10}{31}$	$\frac{43}{93}$	$\Phi_{93}^9\ \Phi_{31}^{11}\ \Phi_3^9\ \Phi_1^{12}$
44043	900	93	$\frac{7}{93}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{43}{93}$	$\Phi_{93}^9\ \Phi_{31}^{11}\ \Phi_3^9\ \Phi_1^{12}$
44044	900	572	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{7}{52}$	$\frac{6}{13}$	$\Phi_{572}^2\ \Phi_{286}^2\ \Phi_{143}\ \Phi_{44}^2\ \Phi_{22}^2$
44045	900	962	$\frac{1}{26}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{962}\ \Phi_{481}\ \Phi_{74}$
44046	900	899	$\frac{54}{899}$	$\frac{73}{899}$	$\frac{169}{899}$	$\frac{413}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44047	900	976	$\frac{1}{16}$	$\frac{5}{61}$	$\frac{11}{61}$	$\frac{28}{61}$	$\Phi_{976}\ \Phi_{488}\ \Phi_{244}\ \Phi_{122}$
44048	900	1010	$\frac{9}{101}$	$\frac{1}{10}$	$\frac{11}{101}$	$\frac{46}{101}$	$\Phi_{1010}\ \Phi_{505}\ \Phi_{202}$
44049	900	899	$\frac{49}{899}$	$\frac{81}{899}$	$\frac{170}{899}$	$\frac{409}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44050	900	899	$\frac{81}{899}$	$\frac{89}{899}$	$\frac{98}{899}$	$\frac{409}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44051	900	231	$\frac{2}{77}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{231}^6\ \Phi_{33}^5\ \Phi_{21}^6\ \Phi_3^4$
44052	900	407	$\frac{1}{37}$	$\frac{1}{11}$	$\frac{12}{37}$	$\frac{5}{11}$	$\Phi_{407}^2\ \Phi_{37}^4\ \Phi_{11}^3\ \Phi_1^6$
44053	900	572	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{572}^2\ \Phi_{286}\ \Phi_{143}\ \Phi_{52}^4\ \Phi_{44}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
44054	900	407	$\frac{2}{37}$	$\frac{1}{11}$	$\frac{7}{37}$	$\frac{5}{11}$	$\Phi_{407}^2\ \Phi_{37}^4\ \Phi_{11}^3\ \Phi_1^6$
44055	900	528	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}\ \Phi_{132}^2\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}^4\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}^4\ \Phi_{16}^2\ \Phi_{12}^4$ $\Phi_{11}\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
44056	900	1086	$\frac{11}{181}$	$\frac{17}{181}$	$\frac{1}{6}$	$\frac{82}{181}$	$\Phi_{1086}\ \Phi_{543}\ \Phi_{362}$
44057	900	899	$\frac{49}{899}$	$\frac{85}{899}$	$\frac{164}{899}$	$\frac{407}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44058	900	1204	$\frac{11}{301}$	$\frac{29}{301}$	$\frac{1}{4}$	$\frac{136}{301}$	$\Phi_{1204}\ \Phi_{602}\ \Phi_{172}\ \Phi_{86}\ \Phi_{28}\ \Phi_{14}$
44059	900	62	$\frac{1}{31}$	$\frac{3}{31}$	$\frac{17}{62}$	$\frac{14}{31}$	$\Phi_{62}^{20}\ \Phi_{31}^9\ \Phi_2^{20}\ \Phi_1^{10}$
44060	900	246	$\frac{1}{41}$	$\frac{4}{41}$	$\frac{1}{3}$	$\frac{37}{82}$	$\Phi_{246}^{10}\ \Phi_{123}\ \Phi_6^{10}$
44061	900	1001	$\frac{1}{11}$	$\frac{9}{91}$	$\frac{10}{91}$	$\frac{41}{91}$	$\Phi_{1001}\ \Phi_{143}\ \Phi_{77}$
44062	900	899	$\frac{80}{899}$	$\frac{91}{899}$	$\frac{99}{899}$	$\frac{404}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44063	900	232	$\frac{7}{232}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{232}^4\ \Phi_{116}^4\ \Phi_{58}^4\ \Phi_{29}^3\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
44064	900	29	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{4}{29}$	$\frac{13}{29}$	$\Phi_{29}^{31}\ \Phi_1^{32}$
44065	900	1086	$\frac{10}{181}$	$\frac{19}{181}$	$\frac{1}{6}$	$\frac{81}{181}$	$\Phi_{1086}\ \Phi_{543}\ \Phi_{362}$
44066	900	899	$\frac{26}{899}$	$\frac{97}{899}$	$\frac{249}{899}$	$\frac{401}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44067	900	406	$\frac{1}{29}$	$\frac{22}{203}$	$\frac{7}{29}$	$\frac{181}{406}$	$\Phi_{406}^4\ \Phi_{58}^4\ \Phi_{29}^3\ \Phi_{14}^4\ \Phi_2^4\ \Phi_1^4$
44068	900	1353	$\frac{10}{451}$	$\frac{49}{451}$	$\frac{1}{3}$	$\frac{201}{451}$	$\Phi_{1353}\ \Phi_{123}\ \Phi_{33}$
44069	900	414	$\frac{1}{46}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{414}^2\ \Phi_{207}^2\ \Phi_{138}^3\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{18}^2\ \Phi_6^3\ \Phi_2^2$
44070	900	801	$\frac{2}{89}$	$\frac{1}{9}$	$\frac{29}{89}$	$\frac{4}{9}$	$\Phi_{801}\ \Phi_{267}\ \Phi_{89}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
44071	900	1116	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1116}\ \Phi_{558}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{62}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
44072	900	801	$\frac{4}{89}$	$\frac{1}{9}$	$\frac{17}{89}$	$\frac{4}{9}$	$\Phi_{801}\ \Phi_{267}\ \Phi_{89}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
44073	900	342	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{342}^3\ \Phi_{171}^2\ \Phi_{114}^4\ \Phi_{57}^3\ \Phi_{38}^4\ \Phi_{19}^2$
44074	900	801	$\frac{5}{89}$	$\frac{1}{9}$	$\frac{14}{89}$	$\frac{4}{9}$	$\Phi_{801}\ \Phi_{267}\ \Phi_{89}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
44075	900	1008	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
44076	900	801	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{801}\ \Phi_{267}\ \Phi_{89}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
44077	900	990	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{55}^2\ \Phi_{22}^2$
44078	900	899	$\frac{20}{899}$	$\frac{101}{899}$	$\frac{293}{899}$	$\frac{399}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44079	900	816	$\frac{1}{51}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{816}^2\ \Phi_{272}^2\ \Phi_{51}^2\ \Phi_{48}\ \Phi_{17}^2\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
44080	900	528	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{8}{33}$	$\frac{7}{16}$	$\Phi_{528}^3\ \Phi_{176}^3\ \Phi_{48}^3\ \Phi_{33}^3\ \Phi_{16}^4\ \Phi_{11}^3\ \Phi_3^3\ \Phi_1^4$
44081	900	1040	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{1040}^2\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{10}$
44082	900	1584	$\frac{4}{99}$	$\frac{1}{8}$	$\frac{19}{99}$	$\frac{7}{16}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{48}\ \Phi_{33}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_9\ \Phi_3\ \Phi_1^2$
44083	900	336	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{336}^5\ \Phi_{112}^5\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{21}^2\ \Phi_{16}^4\ \Phi_{14}^3\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
44084	900	432	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{432}^4\ \Phi_{144}^3\ \Phi_{48}^3\ \Phi_{27}^4\ \Phi_{16}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
44085	900	176	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{176}^9\ \Phi_{16}^{10}\ \Phi_{11}^9\ \Phi_1^{10}$
44086	900	899	$\frac{17}{899}$	$\frac{121}{899}$	$\frac{294}{899}$	$\frac{389}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44087	900	899	$\frac{34}{899}$	$\frac{121}{899}$	$\frac{173}{899}$	$\frac{389}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44088	900	962	$\frac{1}{26}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{962}\ \Phi_{481}\ \Phi_{74}$
44089	900	322	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{322}^3\ \Phi_{161}^3\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{14}^3\ \Phi_2^2$
44090	900	308	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{308}^4\ \Phi_{154}^4\ \Phi_{44}^4\ \Phi_{28}^3\ \Phi_{22}^4\ \Phi_{14}^3\ \Phi_4^2\ \Phi_2^2$
44091	900	539	$\frac{4}{49}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{539}^2\ \Phi_{77}$
44092	900	976	$\frac{1}{16}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{26}{61}$	$\Phi_{976}\ \Phi_{488}\ \Phi_{244}\ \Phi_{122}$
44093	900	87	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{13}{87}$	$\frac{37}{87}$	$\Phi_{87}^9\ \Phi_{29}^{13}\ \Phi_3^9\ \Phi_1^{14}$
44094	900	286	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{2}{13}$	$\frac{11}{26}$	$\Phi_{286}^6\ \Phi_{143}\ \Phi_{22}^6$
44095	900	899	$\frac{53}{899}$	$\frac{104}{899}$	$\frac{141}{899}$	$\frac{379}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44096	900	1086	$\frac{7}{181}$	$\frac{29}{181}$	$\frac{1}{6}$	$\frac{76}{181}$	$\Phi_{1086}\ \Phi_{543}\ \Phi_{362}$
44097	900	31	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{31}^{29}\ \Phi_1^{30}$
44098	900	172	$\frac{1}{43}$	$\frac{7}{43}$	$\frac{1}{4}$	$\frac{18}{43}$	$\Phi_{172}^7\ \Phi_{86}^7\ \Phi_4^6\ \Phi_2^6$
44099	900	899	$\frac{35}{899}$	$\frac{144}{899}$	$\frac{151}{899}$	$\frac{374}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44100	900	323	$\frac{1}{19}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{323}^3\ \Phi_{19}^2$
44101	900	899	$\frac{53}{899}$	$\frac{94}{899}$	$\frac{161}{899}$	$\frac{369}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44102	900	976	$\frac{1}{16}$	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{25}{61}$	$\Phi_{976}\ \Phi_{488}\ \Phi_{244}\ \Phi_{122}$
44103	900	899	$\frac{59}{899}$	$\frac{84}{899}$	$\frac{163}{899}$	$\frac{368}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44104	900	1001	$\frac{6}{91}$	$\frac{1}{11}$	$\frac{17}{91}$	$\frac{37}{91}$	$\Phi_{1001}\ \Phi_{143}\ \Phi_{77}$
44105	900	899	$\frac{54}{899}$	$\frac{89}{899}$	$\frac{169}{899}$	$\frac{365}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44106	900	1010	$\frac{6}{101}$	$\frac{1}{10}$	$\frac{19}{101}$	$\frac{41}{101}$	$\Phi_{1010}\ \Phi_{505}\ \Phi_{202}$
44107	900	899	$\frac{44}{899}$	$\frac{107}{899}$	$\frac{171}{899}$	$\frac{364}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44108	900	1057	$\frac{6}{151}$	$\frac{1}{7}$	$\frac{29}{151}$	$\frac{61}{151}$	Φ_{1057}
44109	900	1086	$\frac{6}{181}$	$\frac{1}{6}$	$\frac{35}{181}$	$\frac{73}{181}$	$\Phi_{1086}\ \Phi_{543}\ \Phi_{362}$
44110	900	899	$\frac{24}{899}$	$\frac{175}{899}$	$\frac{179}{899}$	$\frac{362}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
44111	900	1204	$\frac{6}{301}$	$\frac{59}{301}$	$\frac{1}{4}$	$\frac{121}{301}$	$\Phi_{1204}\ \Phi_{602}\ \Phi_{172}\ \Phi_{86}\ \Phi_{28}\ \Phi_{14}$
44112	900	899	$\frac{14}{899}$	$\frac{177}{899}$	$\frac{269}{899}$	$\frac{361}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_{1}^2$
44113	900	1353	$\frac{6}{451}$	$\frac{89}{451}$	$\frac{1}{3}$	$\frac{181}{451}$	$\Phi_{1353}\ \Phi_{123}\ \Phi_{33}$
44114	900	1140	$\frac{1}{76}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{285}\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{60}\ \Phi_{57}^2\ \Phi_{30}\ \Phi_{12}^2\ \Phi_{6}^2$
44115	900	745	$\frac{2}{149}$	$\frac{1}{5}$	$\frac{49}{149}$	$\frac{2}{5}$	$\Phi_{745}\ \Phi_{149}^2\ \Phi_{5}^2\ \Phi_{1}^4$
44116	900	1020	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{204}^2\ \Phi_{170}\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{60}\ \Phi_{34}^2\ \Phi_{30}\ \Phi_{12}^2\ \Phi_{6}^2$
44117	900	745	$\frac{4}{149}$	$\frac{29}{149}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{745}\ \Phi_{149}^2\ \Phi_{5}^2\ \Phi_{1}^4$
44118	900	930	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{930}\ \Phi_{465}\ \Phi_{310}\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{62}^2$
44119	900	745	$\frac{5}{149}$	$\frac{24}{149}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{745}\ \Phi_{149}^2\ \Phi_{5}^2\ \Phi_{1}^4$
44120	900	910	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{910}\ \Phi_{455}\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{70}\ \Phi_{14}^2$
44121	900	745	$\frac{9}{149}$	$\frac{14}{149}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{745}\ \Phi_{149}^2\ \Phi_{5}^2\ \Phi_{1}^4$
44122	900	880	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}^2\ \Phi_{110}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}^2$
44123	900	124	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{13}{62}$	$\frac{49}{124}$	$\Phi_{124}^{12}\ \Phi_{31}^5\ \Phi_{4}^{12}\ \Phi_{1}^6$
44124	900	899	$\frac{11}{899}$	$\frac{201}{899}$	$\frac{296}{899}$	$\frac{349}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_{1}^2$
44125	900	988	$\frac{1}{76}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{988}\ \Phi_{494}\ \Phi_{247}\ \Phi_{52}\ \Phi_{26}$
44126	900	29	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{7}{29}$	$\frac{11}{29}$	$\Phi_{29}^{31}\ \Phi_{1}^{32}$
44127	900	2184	$\frac{1}{91}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2184}\ \Phi_{312}\ \Phi_{273}\ \Phi_{168}\ \Phi_{39}\ \Phi_{21}$
44128	900	1432	$\frac{2}{179}$	$\frac{1}{4}$	$\frac{59}{179}$	$\frac{3}{8}$	$\Phi_{1432}\ \Phi_{179}\ \Phi_{8}^2\ \Phi_{1}^2$
44129	900	488	$\frac{1}{61}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{488}^3\ \Phi_{244}\ \Phi_{122}$
44130	900	1432	$\frac{3}{179}$	$\frac{44}{179}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1432}\ \Phi_{179}\ \Phi_{8}^2\ \Phi_{1}^2$
44131	900	920	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{920}^2\ \Phi_{230}\ \Phi_{115}\ \Phi_{40}\ \Phi_{10}$
44132	900	1432	$\frac{4}{179}$	$\frac{35}{179}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1432}\ \Phi_{179}\ \Phi_{8}^2\ \Phi_{1}^2$
44133	900	888	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{888}^2\ \Phi_{296}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
44134	900	1432	$\frac{5}{179}$	$\frac{29}{179}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1432}\ \Phi_{179}\ \Phi_{8}^2\ \Phi_{1}^2$
44135	900	1736	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1736}\ \Phi_{217}$
44136	900	1432	$\frac{8}{179}$	$\frac{19}{179}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1432}\ \Phi_{179}\ \Phi_{8}^2\ \Phi_{1}^2$
44137	900	840	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{14}\ \Phi_{6}$
44138	900	1432	$\frac{9}{179}$	$\frac{17}{179}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1432}\ \Phi_{179}\ \Phi_{8}^2\ \Phi_{1}^2$
44139	900	1672	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1672}\ \Phi_{209}$
44140	900	1432	$\frac{11}{179}$	$\frac{14}{179}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1432}\ \Phi_{179}\ \Phi_{8}^2\ \Phi_{1}^2$
44141	900	208	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{208}^5\ \Phi_{104}^4\ \Phi_{52}^5\ \Phi_{26}^5\ \Phi_{13}^4$
44142	900	969	$\frac{1}{51}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{969}\ \Phi_{323}\ \Phi_{57}$
44143	900	899	$\frac{19}{899}$	$\frac{176}{899}$	$\frac{241}{899}$	$\frac{329}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_{1}^2$
44144	900	899	$\frac{23}{899}$	$\frac{146}{899}$	$\frac{251}{899}$	$\frac{324}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_{1}^2$
44145	900	31	$\frac{1}{31}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{31}^{29}\ \Phi_{1}^{30}$
44146	900	116	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{17}{58}$	$\frac{41}{116}$	$\Phi_{116}^{12}\ \Phi_{58}^4\ \Phi_{29}^3\ \Phi_{4}^{12}\ \Phi_{2}^4\ \Phi_{1}^4$
44147	900	962	$\frac{1}{26}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{962}\ \Phi_{481}\ \Phi_{74}$
44148	900	899	$\frac{39}{899}$	$\frac{86}{899}$	$\frac{271}{899}$	$\frac{314}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
44149	900	976	$\frac{1}{16}$	$\frac{4}{61}$	$\frac{19}{61}$	$\frac{21}{61}$	$\Phi_{976}\ \Phi_{488}\ \Phi_{244}\ \Phi_{122}$
44150	900	899	$\frac{56}{899}$	$\frac{59}{899}$	$\frac{281}{899}$	$\frac{309}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_{1}^{2}$
44151	900	494	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{494}^{3}\ \Phi_{247}\ \Phi_{26}^{3}$
44152	900	1001	$\frac{4}{91}$	$\frac{1}{11}$	$\frac{29}{91}$	$\frac{31}{91}$	$\Phi_{1001}\ \Phi_{143}\ \Phi_{77}$
44153	900	899	$\frac{32}{899}$	$\frac{99}{899}$	$\frac{289}{899}$	$\frac{305}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_{1}^{2}$
44154	900	899	$\frac{26}{899}$	$\frac{119}{899}$	$\frac{291}{899}$	$\frac{304}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_{1}^{2}$
44155	900	1057	$\frac{4}{151}$	$\frac{1}{7}$	$\frac{49}{151}$	$\frac{51}{151}$	Φ_{1057}
44156	900	1086	$\frac{4}{181}$	$\frac{1}{6}$	$\frac{59}{181}$	$\frac{61}{181}$	$\Phi_{1086}\ \Phi_{543}\ \Phi_{362}$
44157	900	899	$\frac{14}{899}$	$\frac{199}{899}$	$\frac{295}{899}$	$\frac{302}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_{1}^{2}$
44158	900	1204	$\frac{4}{301}$	$\frac{1}{4}$	$\frac{99}{301}$	$\frac{101}{301}$	$\Phi_{1204}\ \Phi_{602}\ \Phi_{172}\ \Phi_{86}\ \Phi_{28}\ \Phi_{14}$
44159	900	899	$\frac{8}{899}$	$\frac{297}{899}$	$\frac{299}{899}$	$\frac{301}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_{1}^{2}$
44160	900	1353	$\frac{4}{451}$	$\frac{149}{451}$	$\frac{1}{3}$	$\frac{151}{451}$	$\Phi_{1353}\ \Phi_{123}\ \Phi_{33}$
44161	900	336	$\frac{1}{112}$	$\frac{37}{112}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{112}^{4}\ \Phi_{84}^{2}\ \Phi_{56}^{4}\ \Phi_{48}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{4}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{16}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{2}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
44162	900	228	$\frac{1}{76}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{228}^{3}\ \Phi_{114}^{3}\ \Phi_{76}^{6}\ \Phi_{57}^{3}\ \Phi_{38}^{6}\ \Phi_{19}^{6}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
44163	900	168	$\frac{1}{56}$	$\frac{11}{56}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{168}^{4}\ \Phi_{84}^{4}\ \Phi_{56}^{8}\ \Phi_{42}^{4}\ \Phi_{28}^{8}\ \Phi_{24}^{4}\ \Phi_{21}^{4}\ \Phi_{14}^{8}\ \Phi_{12}^{4}\ \Phi_{8}^{8}\ \Phi_{7}^{8}\ \Phi_{6}^{4}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
44164	900	138	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{138}^{7}\ \Phi_{69}^{7}\ \Phi_{46}^{6}\ \Phi_{23}^{6}\ \Phi_{6}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
44165	900	231	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}^{3}\ \Phi_{77}^{6}\ \Phi_{33}^{3}\ \Phi_{21}^{2}\ \Phi_{11}^{6}\ \Phi_{7}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
44166	900	696	$\frac{7}{232}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{232}^{2}\ \Phi_{174}\ \Phi_{116}^{2}\ \Phi_{87}\ \Phi_{58}^{2}\ \Phi_{29}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
44167	900	768	$\frac{1}{32}$	$\frac{31}{256}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}^{2}\ \Phi_{192}\ \Phi_{128}^{2}\ \Phi_{64}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
44168	900	84	$\frac{1}{28}$	$\frac{3}{28}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{84}^{8}\ \Phi_{42}^{8}\ \Phi_{28}^{16}\ \Phi_{21}^{8}\ \Phi_{14}^{16}\ \Phi_{12}^{8}\ \Phi_{7}^{16}\ \Phi_{6}^{8}\ \Phi_{4}^{16}\ \Phi_{3}^{9}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
44169	900	390	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{390}^{2}\ \Phi_{195}^{2}\ \Phi_{130}^{4}\ \Phi_{78}\ \Phi_{65}^{4}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}^{2}\ \Phi_{15}\ \Phi_{13}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
44170	900	513	$\frac{1}{19}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{513}^{2}\ \Phi_{171}^{2}\ \Phi_{57}$
44171	900	714	$\frac{13}{238}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{714}\ \Phi_{357}\ \Phi_{238}^{2}\ \Phi_{119}^{2}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
44172	900	48	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{48}^{14}\ \Phi_{24}^{14}\ \Phi_{16}^{28}\ \Phi_{12}^{14}\ \Phi_{8}^{28}\ \Phi_{6}^{14}\ \Phi_{4}^{28}\ \Phi_{3}^{15}\ \Phi_{2}^{28}\ \Phi_{1}^{30}$
44173	900	1788	$\frac{2}{149}$	$\frac{1}{4}$	$\frac{49}{149}$	$\frac{1}{3}$	$\Phi_{1788}\ \Phi_{894}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
44174	900	1353	$\frac{7}{451}$	$\frac{101}{451}$	$\frac{148}{451}$	$\frac{1}{3}$	$\Phi_{1353}\ \Phi_{123}\ \Phi_{33}$
44175	900	534	$\frac{2}{89}$	$\frac{1}{6}$	$\frac{29}{89}$	$\frac{1}{3}$	$\Phi_{534}^{2}\ \Phi_{267}\ \Phi_{178}^{2}\ \Phi_{89}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
44176	900	777	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{12}{37}$	$\frac{1}{3}$	$\Phi_{777}^{2}\ \Phi_{21}^{3}$
44177	900	1353	$\frac{13}{451}$	$\frac{61}{451}$	$\frac{146}{451}$	$\frac{1}{3}$	$\Phi_{1353}\ \Phi_{123}\ \Phi_{33}$
44178	900	1353	$\frac{16}{451}$	$\frac{51}{451}$	$\frac{145}{451}$	$\frac{1}{3}$	$\Phi_{1353}\ \Phi_{123}\ \Phi_{33}$
44179	900	66	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{66}^{20}\ \Phi_{33}^{21}\ \Phi_{6}^{20}\ \Phi_{3}^{20}$
44180	900	246	$\frac{2}{41}$	$\frac{7}{82}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{246}^{6}\ \Phi_{123}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{4}$
44181	900	945	$\frac{2}{35}$	$\frac{2}{27}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
44182	900	1353	$\frac{28}{451}$	$\frac{31}{451}$	$\frac{141}{451}$	$\frac{1}{3}$	$\Phi_{1353}\ \Phi_{123}\ \Phi_{33}$
44183	900	1392	$\frac{1}{16}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
44184	900	684	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{684}^{2}\ \Phi_{342}^{2}\ \Phi_{171}^{2}\ \Phi_{57}$
44185	900	1353	$\frac{21}{451}$	$\frac{43}{451}$	$\frac{136}{451}$	$\frac{1}{3}$	$\Phi_{1353}\ \Phi_{123}\ \Phi_{33}$
44186	900	1326	$\frac{1}{26}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{102}\ \Phi_{78}^{2}\ \Phi_{39}^{2}\ \Phi_{6}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
44187	900	651	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{651}^2\ \Phi_{93}^3$
44188	900	1353	$\frac{13}{451}$	$\frac{73}{451}$	$\frac{126}{451}$	$\frac{1}{3}$	$\Phi_{1353}\ \Phi_{123}\ \Phi_{33}$
44189	900	123	$\frac{1}{41}$	$\frac{8}{41}$	$\frac{11}{41}$	$\frac{1}{3}$	$\Phi_{123}^{11}\ \Phi_{3}^{10}$
44190	900	1242	$\frac{1}{46}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1242}\ \Phi_{621}\ \Phi_{138}\ \Phi_{69}\ \Phi_{54}\ \Phi_{6}$
44191	900	204	$\frac{1}{51}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^4\ \Phi_{102}^4\ \Phi_{68}^4\ \Phi_{51}^6\ \Phi_{34}^4\ \Phi_{17}^6\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
44192	900	1788	$\frac{4}{149}$	$\frac{29}{149}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1788}\ \Phi_{894}\ \Phi_{12}^2\ \Phi_{6}^2$
44193	900	372	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{372}^3\ \Phi_{186}\ \Phi_{124}^4\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{31}^2$
44194	900	1788	$\frac{5}{149}$	$\frac{24}{149}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1788}\ \Phi_{894}\ \Phi_{12}^2\ \Phi_{6}^2$
44195	900	1092	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}\ \Phi_{273}\ \Phi_{84}\ \Phi_{21}$
44196	900	1596	$\frac{1}{19}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{399}\ \Phi_{57}$
44197	900	1788	$\frac{9}{149}$	$\frac{14}{149}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1788}\ \Phi_{894}\ \Phi_{12}^2\ \Phi_{6}^2$
44198	900	528	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{33}^3$
44199	900	1404	$\frac{2}{27}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{234}\ \Phi_{52}\ \Phi_{26}$
44200	900	945	$\frac{2}{27}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
44201	900	726	$\frac{17}{242}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{726}^2\ \Phi_{363}^2\ \Phi_{33}$
44202	900	1824	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{57}$
44203	900	270	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{270}^4\ \Phi_{135}^3\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^3\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{10}^4\ \Phi_{9}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
44204	900	534	$\frac{4}{89}$	$\frac{1}{6}$	$\frac{17}{89}$	$\frac{1}{3}$	$\Phi_{534}^2\ \Phi_{267}\ \Phi_{178}^2\ \Phi_{89}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
44205	900	1353	$\frac{21}{451}$	$\frac{73}{451}$	$\frac{86}{451}$	$\frac{1}{3}$	$\Phi_{1353}\ \Phi_{123}\ \Phi_{33}$
44206	900	777	$\frac{2}{37}$	$\frac{1}{7}$	$\frac{7}{37}$	$\frac{1}{3}$	$\Phi_{777}^2\ \Phi_{21}^3$
44207	900	1353	$\frac{26}{451}$	$\frac{61}{451}$	$\frac{85}{451}$	$\frac{1}{3}$	$\Phi_{1353}\ \Phi_{123}\ \Phi_{33}$
44208	900	1470	$\frac{4}{49}$	$\frac{1}{10}$	$\frac{9}{49}$	$\frac{1}{3}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{294}\ \Phi_{210}\ \Phi_{105}\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
44209	900	33	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{33}^{41}\ \Phi_{3}^{40}$
44210	900	1353	$\frac{37}{451}$	$\frac{46}{451}$	$\frac{81}{451}$	$\frac{1}{3}$	$\Phi_{1353}\ \Phi_{123}\ \Phi_{33}$
44211	900	1392	$\frac{1}{16}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
44212	900	1353	$\frac{25}{451}$	$\frac{71}{451}$	$\frac{76}{451}$	$\frac{1}{3}$	$\Phi_{1353}\ \Phi_{123}\ \Phi_{33}$
44213	900	114	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{114}^8\ \Phi_{57}^9\ \Phi_{38}^8\ \Phi_{19}^8$
44214	900	534	$\frac{5}{89}$	$\frac{14}{89}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{534}^2\ \Phi_{267}\ \Phi_{178}^2\ \Phi_{89}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
44215	900	336	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^4\ \Phi_{84}^3\ \Phi_{56}^4\ \Phi_{42}\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{7}^2$
44216	900	534	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{534}^2\ \Phi_{267}\ \Phi_{178}^2\ \Phi_{89}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
44217	900	330	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{330}^3\ \Phi_{165}^3\ \Phi_{110}^4\ \Phi_{66}\ \Phi_{55}^4\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2$
44218	900	264	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{13}{88}$	$\frac{1}{3}$	$\Phi_{264}^6\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{33}^5\ \Phi_{24}^6\ \Phi_{12}^4\ \Phi_{6}^4\ \Phi_{3}^4$
44219	900	246	$\frac{7}{82}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{3}$	$\Phi_{246}^6\ \Phi_{123}^5\ \Phi_{6}^6\ \Phi_{3}^4$
44220	900	189	$\frac{2}{27}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{189}^5\ \Phi_{63}^5\ \Phi_{27}^6\ \Phi_{9}^6\ \Phi_{7}^5\ \Phi_{1}^6$
44221	900	420	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^3\ \Phi_{105}^3\ \Phi_{84}^2\ \Phi_{60}^4\ \Phi_{42}\ \Phi_{30}^4\ \Phi_{21}^2\ \Phi_{15}^4\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{3}^2$
44222	900	516	$\frac{1}{43}$	$\frac{29}{129}$	$\frac{1}{4}$	$\frac{14}{43}$	$\Phi_{516}^3\ \Phi_{258}^3\ \Phi_{172}\ \Phi_{86}\ \Phi_{12}^3\ \Phi_{6}^3$
44223	900	407	$\frac{1}{37}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{12}{37}$	$\Phi_{407}^2\ \Phi_{37}^4\ \Phi_{11}^3\ \Phi_{1}^6$
44224	900	740	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{12}{37}$	$\Phi_{740}^2\ \Phi_{370}^2\ \Phi_{20}^3\ \Phi_{10}^3$
44225	900	899	$\frac{26}{899}$	$\frac{152}{899}$	$\frac{249}{899}$	$\frac{291}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
44226	900	1130	$\frac{7}{226}$	$\frac{1}{5}$	$\frac{51}{226}$	$\frac{73}{226}$	$\Phi_{1130}\ \Phi_{565}\ \Phi_{10}$
44227	900	31	$\frac{1}{31}$	$\frac{6}{31}$	$\frac{7}{31}$	$\frac{10}{31}$	$\Phi_{31}^{29}\ \Phi_{1}^{30}$
44228	900	1204	$\frac{10}{301}$	$\frac{51}{301}$	$\frac{1}{4}$	$\frac{97}{301}$	$\Phi_{1204}\ \Phi_{602}\ \Phi_{172}\ \Phi_{86}\ \Phi_{28}\ \Phi_{14}$
44229	900	413	$\frac{2}{59}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{19}{59}$	$\Phi_{413}^{2}\ \Phi_{59}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
44230	900	708	$\frac{2}{59}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{19}{59}$	$\Phi_{708}^{2}\ \Phi_{354}\ \Phi_{236}\ \Phi_{177}\ \Phi_{59}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
44231	900	899	$\frac{32}{899}$	$\frac{122}{899}$	$\frac{259}{899}$	$\frac{289}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_{1}^{2}$
44232	900	1086	$\frac{7}{181}$	$\frac{1}{6}$	$\frac{41}{181}$	$\frac{58}{181}$	$\Phi_{1086}\ \Phi_{543}\ \Phi_{362}$
44233	900	588	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{47}{147}$	$\Phi_{588}^{3}\ \Phi_{294}^{3}\ \Phi_{84}^{3}\ \Phi_{42}^{3}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
44234	900	899	$\frac{38}{899}$	$\frac{139}{899}$	$\frac{204}{899}$	$\frac{287}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_{1}^{2}$
44235	900	1204	$\frac{13}{301}$	$\frac{41}{301}$	$\frac{1}{4}$	$\frac{96}{301}$	$\Phi_{1204}\ \Phi_{602}\ \Phi_{172}\ \Phi_{86}\ \Phi_{28}\ \Phi_{14}$
44236	900	418	$\frac{1}{22}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{7}{22}$	$\Phi_{418}^{2}\ \Phi_{209}^{2}\ \Phi_{38}^{2}\ \Phi_{22}^{4}\ \Phi_{19}^{3}\ \Phi_{11}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
44237	900	330	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{7}{22}$	$\Phi_{330}^{4}\ \Phi_{165}^{4}\ \Phi_{110}^{2}\ \Phi_{55}^{2}\ \Phi_{30}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
44238	900	899	$\frac{47}{899}$	$\frac{123}{899}$	$\frac{194}{899}$	$\frac{284}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_{1}^{2}$
44239	900	1086	$\frac{10}{181}$	$\frac{1}{6}$	$\frac{31}{181}$	$\frac{57}{181}$	$\Phi_{1086}\ \Phi_{543}\ \Phi_{362}$
44240	900	899	$\frac{50}{899}$	$\frac{149}{899}$	$\frac{154}{899}$	$\frac{283}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_{1}^{2}$
44241	900	1260	$\frac{2}{35}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{11}{35}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}^{2}\ \Phi_{35}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
44242	900	140	$\frac{2}{35}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{11}{35}$	$\Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{35}^{7}\ \Phi_{28}^{7}\ \Phi_{20}^{6}\ \Phi_{14}^{7}\ \Phi_{10}^{6}\ \Phi_{7}^{8}\ \Phi_{5}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
44243	900	1120	$\frac{2}{35}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{11}{35}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{35}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
44244	900	210	$\frac{2}{35}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{11}{35}$	$\Phi_{210}^{4}\ \Phi_{105}^{4}\ \Phi_{70}^{4}\ \Phi_{42}^{4}\ \Phi_{35}^{5}\ \Phi_{30}^{4}\ \Phi_{21}^{4}\ \Phi_{15}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{5}\ \Phi_{6}^{8}\ \Phi_{5}^{5}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
44245	900	1130	$\frac{13}{226}$	$\frac{31}{226}$	$\frac{1}{5}$	$\frac{71}{226}$	$\Phi_{1130}\ \Phi_{565}\ \Phi_{10}$
44246	900	29	$\frac{2}{29}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{9}{29}$	$\Phi_{29}^{31}\ \Phi_{1}^{32}$
44247	900	1276	$\frac{2}{29}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{1276}\ \Phi_{638}\ \Phi_{44}^{2}\ \Phi_{22}^{2}$
44248	900	29	$\frac{2}{29}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{9}{29}$	$\Phi_{29}^{31}\ \Phi_{1}^{32}$
44249	900	1218	$\frac{2}{29}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{9}{29}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{406}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}$
44250	900	1086	$\frac{13}{181}$	$\frac{25}{181}$	$\frac{1}{6}$	$\frac{56}{181}$	$\Phi_{1086}\ \Phi_{543}\ \Phi_{362}$
44251	900	143	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{143}^{7}\ \Phi_{11}^{6}$
44252	900	899	$\frac{74}{899}$	$\frac{104}{899}$	$\frac{159}{899}$	$\frac{275}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_{1}^{2}$
44253	900	468	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{117}^{3}\ \Phi_{52}\ \Phi_{26}$
44254	900	1260	$\frac{1}{12}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{11}{36}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}^{2}\ \Phi_{35}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
44255	900	180	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{180}^{7}\ \Phi_{90}^{7}\ \Phi_{45}^{7}\ \Phi_{36}^{8}\ \Phi_{18}^{8}\ \Phi_{10}^{4}\ \Phi_{9}^{8}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
44256	900	252	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{11}{36}$	$\Phi_{252}^{5}\ \Phi_{126}^{5}\ \Phi_{63}^{5}\ \Phi_{36}^{6}\ \Phi_{18}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
44257	900	899	$\frac{77}{899}$	$\frac{125}{899}$	$\frac{129}{899}$	$\frac{274}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_{1}^{2}$
44258	900	1057	$\frac{13}{151}$	$\frac{21}{151}$	$\frac{1}{7}$	$\frac{46}{151}$	Φ_{1057}
44259	900	1086	$\frac{16}{181}$	$\frac{21}{181}$	$\frac{1}{6}$	$\frac{55}{181}$	$\Phi_{1086}\ \Phi_{543}\ \Phi_{362}$
44260	900	899	$\frac{69}{899}$	$\frac{83}{899}$	$\frac{209}{899}$	$\frac{272}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_{1}^{2}$
44261	900	172	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{1}{4}$	$\frac{13}{43}$	$\Phi_{172}^{7}\ \Phi_{86}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
44262	900	93	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{13}{93}$	$\frac{28}{93}$	$\Phi_{93}^{9}\ \Phi_{31}^{11}\ \Phi_{3}^{9}\ \Phi_{1}^{12}$
44263	900	833	$\frac{4}{49}$	$\frac{2}{17}$	$\frac{9}{49}$	$\frac{5}{17}$	$\Phi_{833}\ \Phi_{119}\ \Phi_{49}^{2}\ \Phi_{17}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
44264	900	1122	$\frac{1}{11}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{374}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2$
44265	900	476	$\frac{3}{28}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{5}{17}$	$\Phi_{476}^2\ \Phi_{238}^2\ \Phi_{119}\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{28}^4\ \Phi_{17}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
44266	900	899	$\frac{64}{899}$	$\frac{122}{899}$	$\frac{167}{899}$	$\frac{259}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44267	900	84	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{84}^{15}\ \Phi_{42}^{15}\ \Phi_{28}^{13}\ \Phi_{14}^{13}\ \Phi_{12}^{15}\ \Phi_6^{15}\ \Phi_4^{12}\ \Phi_2^{12}$
44268	900	413	$\frac{3}{59}$	$\frac{1}{7}$	$\frac{14}{59}$	$\frac{2}{7}$	$\Phi_{413}^2\ \Phi_{59}^3\ \Phi_7^4\ \Phi_1^6$
44269	900	560	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{80}^3\ \Phi_{70}^2\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3$
44270	900	413	$\frac{4}{59}$	$\frac{1}{7}$	$\frac{11}{59}$	$\frac{2}{7}$	$\Phi_{413}^2\ \Phi_{59}^3\ \Phi_7^4\ \Phi_1^6$
44271	900	546	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{26}^3$
44272	900	413	$\frac{5}{59}$	$\frac{1}{7}$	$\frac{9}{59}$	$\frac{2}{7}$	$\Phi_{413}^2\ \Phi_{59}^3\ \Phi_7^4\ \Phi_1^6$
44273	900	77	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{77}^{13}\ \Phi_{11}^{12}$
44274	900	966	$\frac{1}{21}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{322}\ \Phi_{161}\ \Phi_{138}\ \Phi_{69}\ \Phi_{42}\ \Phi_{14}\ \Phi_6$
44275	900	899	$\frac{43}{899}$	$\frac{137}{899}$	$\frac{214}{899}$	$\frac{254}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44276	900	899	$\frac{77}{899}$	$\frac{129}{899}$	$\frac{137}{899}$	$\frac{254}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44277	900	1086	$\frac{13}{181}$	$\frac{28}{181}$	$\frac{1}{6}$	$\frac{51}{181}$	$\Phi_{1086}\ \Phi_{543}\ \Phi_{362}$
44278	900	899	$\frac{54}{899}$	$\frac{146}{899}$	$\frac{169}{899}$	$\frac{251}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44279	900	976	$\frac{1}{16}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	$\Phi_{976}\ \Phi_{488}\ \Phi_{244}\ \Phi_{122}$
44280	900	899	$\frac{65}{899}$	$\frac{139}{899}$	$\frac{152}{899}$	$\frac{249}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44281	900	988	$\frac{1}{13}$	$\frac{11}{76}$	$\frac{13}{76}$	$\frac{21}{76}$	$\Phi_{988}\ \Phi_{494}\ \Phi_{247}\ \Phi_{52}\ \Phi_{26}$
44282	900	1001	$\frac{1}{11}$	$\frac{11}{91}$	$\frac{16}{91}$	$\frac{25}{91}$	$\Phi_{1001}\ \Phi_{143}\ \Phi_{77}$
44283	900	572	$\frac{1}{26}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{572}^2\ \Phi_{286}\ \Phi_{143}\ \Phi_{52}^4\ \Phi_{44}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
44284	900	407	$\frac{2}{37}$	$\frac{2}{11}$	$\frac{7}{37}$	$\frac{3}{11}$	$\Phi_{407}^2\ \Phi_{37}^4\ \Phi_{11}^3\ \Phi_1^6$
44285	900	528	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}\ \Phi_{132}^2\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}^4\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}^4\ \Phi_{16}^2\ \Phi_{12}^4$ $\Phi_{11}\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
44286	900	899	$\frac{79}{899}$	$\frac{109}{899}$	$\frac{164}{899}$	$\frac{245}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44287	900	1057	$\frac{11}{151}$	$\frac{1}{7}$	$\frac{28}{151}$	$\frac{41}{151}$	Φ_{1057}
44288	900	899	$\frac{64}{899}$	$\frac{131}{899}$	$\frac{167}{899}$	$\frac{244}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44289	900	1086	$\frac{11}{181}$	$\frac{1}{6}$	$\frac{34}{181}$	$\frac{49}{181}$	$\Phi_{1086}\ \Phi_{543}\ \Phi_{362}$
44290	900	899	$\frac{49}{899}$	$\frac{164}{899}$	$\frac{170}{899}$	$\frac{243}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44291	900	962	$\frac{1}{26}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{962}\ \Phi_{481}\ \Phi_{74}$
44292	900	1130	$\frac{11}{226}$	$\frac{43}{226}$	$\frac{1}{5}$	$\frac{61}{226}$	$\Phi_{1130}\ \Phi_{565}\ \Phi_{10}$
44293	900	899	$\frac{34}{899}$	$\frac{173}{899}$	$\frac{219}{899}$	$\frac{242}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44294	900	1204	$\frac{11}{301}$	$\frac{58}{301}$	$\frac{1}{4}$	$\frac{81}{301}$	$\Phi_{1204}\ \Phi_{602}\ \Phi_{172}\ \Phi_{86}\ \Phi_{28}\ \Phi_{14}$
44295	900	899	$\frac{44}{899}$	$\frac{171}{899}$	$\frac{182}{899}$	$\frac{239}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44296	900	976	$\frac{1}{16}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{976}\ \Phi_{488}\ \Phi_{244}\ \Phi_{122}$
44297	900	248	$\frac{23}{248}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{248}^4\ \Phi_{124}^4\ \Phi_{62}^4\ \Phi_{31}\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
44298	900	899	$\frac{51}{899}$	$\frac{134}{899}$	$\frac{212}{899}$	$\frac{229}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44299	900	1086	$\frac{9}{181}$	$\frac{1}{6}$	$\frac{43}{181}$	$\frac{46}{181}$	$\Phi_{1086}\ \Phi_{543}\ \Phi_{362}$
44300	900	899	$\frac{27}{899}$	$\frac{218}{899}$	$\frac{224}{899}$	$\frac{227}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44301	900	1204	$\frac{9}{301}$	$\frac{73}{301}$	$\frac{1}{4}$	$\frac{76}{301}$	$\Phi_{1204}\ \Phi_{602}\ \Phi_{172}\ \Phi_{86}\ \Phi_{28}\ \Phi_{14}$
44302	900	132	$\frac{1}{33}$	$\frac{8}{33}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{132}^6\ \Phi_{66}^6\ \Phi_{44}^6\ \Phi_{33}^9\ \Phi_{22}^6\ \Phi_{12}^6\ \Phi_{11}^9\ \Phi_6^6\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
44303	900	260	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{260}^{4}\ \Phi_{130}^{5}\ \Phi_{65}^{5}\ \Phi_{20}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
44304	900	396	$\frac{4}{99}$	$\frac{19}{99}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{396}^{2}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{99}^{3}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{36}^{2}\ \Phi_{33}^{3}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
44305	900	84	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{84}^{10}\ \Phi_{42}^{13}\ \Phi_{28}^{10}\ \Phi_{21}^{12}\ \Phi_{14}^{13}\ \Phi_{12}^{6}\ \Phi_{7}^{12}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
44306	900	108	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{108}^{8}\ \Phi_{54}^{8}\ \Phi_{36}^{6}\ \Phi_{27}^{12}\ \Phi_{18}^{6}\ \Phi_{12}^{6}\ \Phi_{9}^{9}\ \Phi_{6}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
44307	900	364	$\frac{1}{13}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{364}^{3}\ \Phi_{182}^{3}\ \Phi_{91}^{3}\ \Phi_{52}\ \Phi_{26}$
44308	900	44	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{44}^{18}\ \Phi_{22}^{18}\ \Phi_{11}^{27}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{30}$
44309	900	708	$\frac{3}{59}$	$\frac{1}{6}$	$\frac{14}{59}$	$\frac{1}{4}$	$\Phi_{708}^{2}\ \Phi_{354}\ \Phi_{236}\ \Phi_{177}\ \Phi_{59}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
44310	900	1204	$\frac{17}{301}$	$\frac{46}{301}$	$\frac{71}{301}$	$\frac{1}{4}$	$\Phi_{1204}\ \Phi_{602}\ \Phi_{172}\ \Phi_{86}\ \Phi_{28}\ \Phi_{14}$
44311	900	196	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{23}{98}$	$\frac{1}{4}$	$\Phi_{196}^{6}\ \Phi_{98}^{2}\ \Phi_{49}^{4}\ \Phi_{28}^{7}\ \Phi_{14}^{3}\ \Phi_{7}^{4}\ \Phi_{4}^{6}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
44312	900	172	$\frac{3}{43}$	$\frac{11}{86}$	$\frac{10}{43}$	$\frac{1}{4}$	$\Phi_{172}^{7}\ \Phi_{86}^{3}\ \Phi_{43}^{4}\ \Phi_{4}^{6}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
44313	900	140	$\frac{3}{35}$	$\frac{3}{28}$	$\frac{8}{35}$	$\frac{1}{4}$	$\Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{35}^{7}\ \Phi_{28}^{7}\ \Phi_{20}^{6}\ \Phi_{14}^{7}\ \Phi_{10}^{6}\ \Phi_{7}^{8}\ \Phi_{5}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
44314	900	416	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{416}^{3}\ \Phi_{208}^{3}\ \Phi_{52}\ \Phi_{26}$
44315	900	304	$\frac{1}{16}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{304}^{3}\ \Phi_{152}^{3}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{19}^{3}\ \Phi_{16}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
44316	900	1204	$\frac{16}{301}$	$\frac{57}{301}$	$\frac{61}{301}$	$\frac{1}{4}$	$\Phi_{1204}\ \Phi_{602}\ \Phi_{172}\ \Phi_{86}\ \Phi_{28}\ \Phi_{14}$
44317	900	740	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{740}^{2}\ \Phi_{370}^{2}\ \Phi_{20}^{3}\ \Phi_{10}^{3}$
44318	900	240	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{240}^{6}\ \Phi_{120}^{6}\ \Phi_{80}^{3}\ \Phi_{60}^{4}\ \Phi_{40}^{3}\ \Phi_{30}^{5}\ \Phi_{20}^{2}\ \Phi_{15}^{5}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
44319	900	140	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^{7}\ \Phi_{70}^{7}\ \Phi_{35}^{7}\ \Phi_{28}^{8}\ \Phi_{14}^{8}\ \Phi_{10}^{4}\ \Phi_{7}^{8}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
44320	900	708	$\frac{4}{59}$	$\frac{1}{6}$	$\frac{11}{59}$	$\frac{1}{4}$	$\Phi_{708}^{2}\ \Phi_{354}\ \Phi_{236}\ \Phi_{177}\ \Phi_{59}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
44321	900	172	$\frac{3}{43}$	$\frac{7}{43}$	$\frac{8}{43}$	$\frac{1}{4}$	$\Phi_{172}^{7}\ \Phi_{86}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
44322	900	196	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{9}{49}$	$\frac{1}{4}$	$\Phi_{196}^{6}\ \Phi_{98}^{6}\ \Phi_{28}^{7}\ \Phi_{14}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
44323	900	1204	$\frac{26}{301}$	$\frac{41}{301}$	$\frac{55}{301}$	$\frac{1}{4}$	$\Phi_{1204}\ \Phi_{602}\ \Phi_{172}\ \Phi_{86}\ \Phi_{28}\ \Phi_{14}$
44324	900	1276	$\frac{1}{11}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\Phi_{1276}\ \Phi_{638}\ \Phi_{44}^{2}\ \Phi_{22}^{2}$
44325	900	1204	$\frac{25}{301}$	$\frac{46}{301}$	$\frac{51}{301}$	$\frac{1}{4}$	$\Phi_{1204}\ \Phi_{602}\ \Phi_{172}\ \Phi_{86}\ \Phi_{28}\ \Phi_{14}$
44326	900	156	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{156}^{8}\ \Phi_{78}^{4}\ \Phi_{52}^{9}\ \Phi_{39}^{4}\ \Phi_{26}^{5}\ \Phi_{13}^{4}$
44327	900	708	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{708}^{2}\ \Phi_{354}\ \Phi_{236}\ \Phi_{177}\ \Phi_{59}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
44328	900	924	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{924}^{2}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{77}$
44329	900	28	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{28}^{31}\ \Phi_{14}^{31}\ \Phi_{7}^{36}\ \Phi_{4}^{30}\ \Phi_{2}^{30}\ \Phi_{1}^{36}$
44330	900	1372	$\frac{6}{49}$	$\frac{43}{343}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{1372}\ \Phi_{686}\ \Phi_{28}\ \Phi_{14}$
44331	900	1120	$\frac{3}{35}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{8}{35}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{35}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
44332	900	210	$\frac{3}{35}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{8}{35}$	$\Phi_{210}^{4}\ \Phi_{105}^{4}\ \Phi_{70}^{4}\ \Phi_{42}^{4}\ \Phi_{35}^{5}\ \Phi_{30}^{4}\ \Phi_{21}^{4}\ \Phi_{15}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{5}\ \Phi_{6}^{8}\ \Phi_{5}^{5}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
44333	900	899	$\frac{83}{899}$	$\frac{139}{899}$	$\frac{152}{899}$	$\frac{204}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_{1}^{2}$
44334	900	1086	$\frac{17}{181}$	$\frac{28}{181}$	$\frac{1}{6}$	$\frac{41}{181}$	$\Phi_{1086}\ \Phi_{543}\ \Phi_{362}$
44335	900	31	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{6}{31}$	$\frac{7}{31}$	$\Phi_{31}^{29}\ \Phi_{1}^{30}$
44336	900	58	$\frac{3}{29}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{13}{58}$	$\Phi_{58}^{20}\ \Phi_{29}^{11}\ \Phi_{2}^{20}\ \Phi_{1}^{12}$
44337	900	160	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{160}^{7}\ \Phi_{80}^{7}\ \Phi_{32}^{8}\ \Phi_{16}^{8}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
44338	900	224	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{7}{32}$	$\Phi_{224}^{5}\ \Phi_{112}^{5}\ \Phi_{32}^{6}\ \Phi_{16}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
44339	900	616	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{616}^{2}\ \Phi_{308}^{2}\ \Phi_{88}^{2}\ \Phi_{77}\ \Phi_{44}^{2}$
44340	900	209	$\frac{1}{11}$	$\frac{3}{19}$	$\frac{2}{11}$	$\frac{4}{19}$	$\Phi_{209}^{4}\ \Phi_{19}^{5}\ \Phi_{11}^{8}\ \Phi_{1}^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
44341	900	570	$\frac{1}{10}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\Phi_{570}^2\ \Phi_{285}^2\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{57}\ \Phi_{30}^4\ \Phi_{19}\ \Phi_{15}^4\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
44342	900	899	$\frac{79}{899}$	$\frac{147}{899}$	$\frac{164}{899}$	$\frac{188}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44343	900	1010	$\frac{1}{10}$	$\frac{16}{101}$	$\frac{17}{101}$	$\frac{21}{101}$	$\Phi_{1010}\ \Phi_{505}\ \Phi_{202}$
44344	900	899	$\frac{84}{899}$	$\frac{143}{899}$	$\frac{163}{899}$	$\frac{184}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44345	900	1086	$\frac{16}{181}$	$\frac{1}{6}$	$\frac{33}{181}$	$\frac{37}{181}$	$\Phi_{1086}\ \Phi_{543}\ \Phi_{362}$
44346	900	330	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{1}{5}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{110}^4\ \Phi_{30}^5\ \Phi_{15}^5\ \Phi_{10}^5$
44347	900	1130	$\frac{21}{226}$	$\frac{37}{226}$	$\frac{41}{226}$	$\frac{1}{5}$	$\Phi_{1130}\ \Phi_{565}\ \Phi_{10}$
44348	900	30	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{30}^{28}\ \Phi_{15}^{28}\ \Phi_{10}^{32}\ \Phi_6^{32}\ \Phi_5^{31}\ \Phi_3^{32}\ \Phi_2^{36}\ \Phi_1^{36}$
44349	900	29	$\frac{4}{29}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{5}{29}$	$\Phi_{29}^{31}\ \Phi_1^{32}$
44350	900	1218	$\frac{4}{29}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{29}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{406}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
44351	900	1057	$\frac{21}{151}$	$\frac{1}{7}$	$\frac{25}{151}$	$\frac{26}{151}$	Φ_{1057}
44352	900	899	$\frac{125}{899}$	$\frac{129}{899}$	$\frac{149}{899}$	$\frac{154}{899}$	$\Phi_{899}\ \Phi_{31}\ \Phi_{29}\ \Phi_1^2$
44353	900	1086	$\frac{25}{181}$	$\frac{26}{181}$	$\frac{1}{6}$	$\frac{31}{181}$	$\Phi_{1086}\ \Phi_{543}\ \Phi_{362}$
44354	900	42	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{42}^{20}\ \Phi_{21}^{20}\ \Phi_{14}^{20}\ \Phi_7^{25}\ \Phi_6^{24}\ \Phi_3^{24}\ \Phi_2^{24}\ \Phi_1^{30}$
44355	901	1440	$\frac{1}{180}$	$\frac{181}{720}$	$\frac{539}{1440}$	$\frac{179}{360}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{72}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
44356	901	1792	$\frac{5}{896}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{891}{1792}$	$\Phi_{1792}\ \Phi_{256}\ \Phi_8\ \Phi_1$
44357	901	1600	$\frac{1}{100}$	$\frac{101}{800}$	$\frac{699}{1600}$	$\frac{99}{200}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{200}\ \Phi_{64}\ \Phi_{40}\ \Phi_8\ \Phi_1$
44358	901	1200	$\frac{1}{100}$	$\frac{299}{1200}$	$\frac{101}{400}$	$\frac{99}{200}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
44359	901	1776	$\frac{13}{888}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{875}{1776}$	$\Phi_{1776}\ \Phi_{592}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
44360	901	1032	$\frac{2}{129}$	$\frac{131}{1032}$	$\frac{1}{3}$	$\frac{127}{258}$	$\Phi_{1032}\ \Phi_{516}\ \Phi_{344}\ \Phi_{172}\ \Phi_{129}\ \Phi_{43}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
44361	901	1680	$\frac{1}{60}$	$\frac{61}{840}$	$\frac{779}{1680}$	$\frac{59}{120}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{120}\ \Phi_{112}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
44362	901	416	$\frac{1}{52}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{51}{104}$	$\Phi_{416}^4\ \Phi_{104}\ \Phi_{32}^5\ \Phi_8\ \Phi_1$
44363	901	312	$\frac{1}{52}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{51}{104}$	$\Phi_{312}^4\ \Phi_{156}^4\ \Phi_{104}\ \Phi_{78}^4\ \Phi_{39}^4\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
44364	901	520	$\frac{1}{52}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{51}{104}$	$\Phi_{520}^4\ \Phi_{104}\ \Phi_{40}^4\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
44365	901	1764	$\frac{19}{882}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{863}{1764}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{252}\ \Phi_{196}\ \Phi_{84}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
44366	901	1760	$\frac{21}{880}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{859}{1760}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_8\ \Phi_1$
44367	901	1728	$\frac{1}{36}$	$\frac{37}{864}$	$\frac{827}{1728}$	$\frac{35}{72}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{72}\ \Phi_{64}\ \Phi_{24}\ \Phi_8\ \Phi_1$
44368	901	1296	$\frac{1}{36}$	$\frac{37}{432}$	$\frac{395}{1296}$	$\frac{35}{72}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{24}\ \Phi_8\ \Phi_1$
44369	901	1008	$\frac{1}{36}$	$\frac{107}{1008}$	$\frac{37}{144}$	$\frac{35}{72}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
44370	901	1152	$\frac{1}{36}$	$\frac{37}{288}$	$\frac{251}{1152}$	$\frac{35}{72}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{24}\ \Phi_8\ \Phi_1$
44371	901	1080	$\frac{1}{36}$	$\frac{179}{1080}$	$\frac{37}{216}$	$\frac{35}{72}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
44372	901	306	$\frac{2}{51}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{306}^3\ \Phi_{153}^3\ \Phi_{102}^2\ \Phi_{51}^3\ \Phi_{34}^2\ \Phi_{18}^5\ \Phi_{17}^3\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
44373	901	1728	$\frac{37}{864}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{827}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{54}\ \Phi_{27}\ \Phi_1$
44374	901	1728	$\frac{37}{864}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{827}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
44375	901	1320	$\frac{21}{440}$	$\frac{1}{20}$	$\frac{419}{1320}$	$\frac{19}{40}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
44376	901	960	$\frac{1}{20}$	$\frac{59}{960}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
44377	901	72	$\frac{1}{18}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{72}^{17}\ \Phi_{24}^{17}\ \Phi_{18}^{16}\ \Phi_{9}^{16}\ \Phi_{8}^{17}\ \Phi_{6}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
44378	901	100	$\frac{1}{25}$	$\frac{3}{50}$	$\frac{8}{25}$	$\frac{47}{100}$	$\Phi_{100}^{17}\ \Phi_{25}^{2}\ \Phi_{20}^{17}\ \Phi_{5}^{2}\ \Phi_{4}^{17}\ \Phi_{1}^{3}$
44379	901	1248	$\frac{1}{26}$	$\frac{1}{16}$	$\frac{25}{78}$	$\frac{15}{32}$	$\Phi_{1248}^{2}\ \Phi_{96}^{2}\ \Phi_{78}\ \Phi_{39}\ \Phi_{32}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
44380	901	224	$\frac{3}{56}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{224}^{8}\ \Phi_{56}\ \Phi_{32}^{5}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
44381	901	2080	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{15}{32}$	$\Phi_{2080}\ \Phi_{160}\ \Phi_{65}\ \Phi_{32}\ \Phi_{5}\ \Phi_{1}$
44382	901	1040	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{139}{1040}$	$\frac{121}{260}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{80}\ \Phi_{65}\ \Phi_{40}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
44383	901	1680	$\frac{61}{840}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{779}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{48}\ \Phi_{35}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
44384	901	924	$\frac{23}{924}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{28}\ \Phi_{22}\ \Phi_{21}\ \Phi_{12}\ \Phi_{11}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
44385	901	288	$\frac{1}{18}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{288}^{6}\ \Phi_{96}^{5}\ \Phi_{32}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
44386	901	1620	$\frac{1}{45}$	$\frac{91}{810}$	$\frac{44}{135}$	$\frac{719}{1620}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{324}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
44387	901	980	$\frac{79}{980}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{140}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{196}\ \Phi_{98}\ \Phi_{70}\ \Phi_{49}\ \Phi_{35}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
44388	901	270	$\frac{1}{54}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{270}^{3}\ \Phi_{135}^{3}\ \Phi_{90}^{3}\ \Phi_{54}^{5}\ \Phi_{45}^{3}\ \Phi_{30}^{2}\ \Phi_{27}^{5}\ \Phi_{18}^{5}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
44389	901	60	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{2}{15}$	$\frac{13}{30}$	$\Phi_{60}^{17}\ \Phi_{30}^{10}\ \Phi_{20}^{17}\ \Phi_{15}^{16}\ \Phi_{12}^{17}\ \Phi_{10}^{10}\ \Phi_{6}^{10}\ \Phi_{5}^{16}\ \Phi_{4}^{17}\ \Phi_{3}^{16}\ \Phi_{2}^{10}\ \Phi_{1}^{17}$
44390	901	1260	$\frac{1}{45}$	$\frac{44}{315}$	$\frac{359}{1260}$	$\frac{271}{630}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
44391	901	1560	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{121}{780}$	$\frac{659}{1560}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
44392	901	1548	$\frac{2}{129}$	$\frac{127}{774}$	$\frac{1}{3}$	$\frac{647}{1548}$	$\Phi_{1548}\ \Phi_{516}\ \Phi_{172}\ \Phi_{129}\ \Phi_{43}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
44393	901	216	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{216}^{6}\ \Phi_{72}^{6}\ \Phi_{54}^{5}\ \Phi_{27}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
44394	901	180	$\frac{1}{18}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{180}^{6}\ \Phi_{90}^{6}\ \Phi_{60}^{5}\ \Phi_{45}^{6}\ \Phi_{30}^{5}\ \Phi_{20}^{5}\ \Phi_{18}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
44395	901	90	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{90}^{8}\ \Phi_{45}^{9}\ \Phi_{30}^{8}\ \Phi_{18}^{16}\ \Phi_{15}^{9}\ \Phi_{10}^{8}\ \Phi_{9}^{16}\ \Phi_{6}^{16}\ \Phi_{5}^{9}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
44396	901	960	$\frac{59}{960}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
44397	901	1344	$\frac{5}{448}$	$\frac{1}{4}$	$\frac{443}{1344}$	$\frac{3}{8}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
44398	901	912	$\frac{11}{912}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
44399	901	1120	$\frac{5}{224}$	$\frac{219}{1120}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
44400	901	928	$\frac{27}{928}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{928}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{29}\ \Phi_{8}\ \Phi_{1}$
44401	901	1024	$\frac{5}{128}$	$\frac{123}{1024}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_{8}\ \Phi_{1}$
44402	901	1008	$\frac{5}{112}$	$\frac{107}{1008}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
44403	901	56	$\frac{3}{56}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{56}^{16}\ \Phi_{28}^{16}\ \Phi_{14}^{16}\ \Phi_{8}^{17}\ \Phi_{7}^{16}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
44404	901	960	$\frac{59}{960}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
44405	901	1440	$\frac{1}{60}$	$\frac{59}{240}$	$\frac{181}{720}$	$\frac{539}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
44406	901	972	$\frac{1}{18}$	$\frac{71}{972}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{1}$
44407	901	1368	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{217}{684}$	$\frac{467}{1368}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{72}\ \Phi_{57}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
44408	901	1080	$\frac{1}{45}$	$\frac{179}{1080}$	$\frac{44}{135}$	$\frac{91}{270}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
44409	901	1161	$\frac{2}{129}$	$\frac{260}{1161}$	$\frac{127}{387}$	$\frac{1}{3}$	$\Phi_{1161}\ \Phi_{129}\ \Phi_{43}\ \Phi_{27}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
44410	901	1323	$\frac{19}{441}$	$\frac{2}{21}$	$\frac{422}{1323}$	$\frac{1}{3}$	$\Phi_{1323}\ \Phi_{189}\ \Phi_{27}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
44411	901	945	$\frac{44}{945}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
44412	901	1176	$\frac{19}{294}$	$\frac{2}{21}$	$\frac{275}{1176}$	$\frac{1}{3}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{196}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
44413	901	63	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{4}{21}$	$\frac{1}{3}$	$\Phi_{63}^{17}\ \Phi_{21}^{9}\ \Phi_{9}^{17}\ \Phi_{7}^{9}\ \Phi_{3}^{8}\ \Phi_{1}^{9}$
44414	901	1008	$\frac{2}{21}$	$\frac{107}{1008}$	$\frac{19}{126}$	$\frac{1}{3}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
44415	901	1029	$\frac{2}{21}$	$\frac{128}{1029}$	$\frac{19}{147}$	$\frac{1}{3}$	$\Phi_{1029}\ \Phi_{343}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
44416	901	1215	$\frac{1}{45}$	$\frac{91}{405}$	$\frac{314}{1215}$	$\frac{44}{135}$	$\Phi_{1215}\ \Phi_{243}\ \Phi_{135}\ \Phi_{27}\ \Phi_{1}$
44417	901	312	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{25}{78}$	$\Phi_{312}^{2}\ \Phi_{156}^{2}\ \Phi_{104}^{4}\ \Phi_{78}^{3}\ \Phi_{52}^{4}\ \Phi_{39}^{3}\ \Phi_{26}^{4}\ \Phi_{24}^{3}\ \Phi_{13}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
44418	901	780	$\frac{1}{26}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{25}{78}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{195}^{2}\ \Phi_{78}\ \Phi_{60}^{2}\ \Phi_{39}\ \Phi_{30}^{2}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
44419	901	75	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{22}{75}$	$\frac{8}{25}$	$\Phi_{75}^{17}\ \Phi_{25}^{2}\ \Phi_{15}^{17}\ \Phi_{5}^{2}\ \Phi_{3}^{17}\ \Phi_{1}^{3}$
44420	901	1296	$\frac{1}{18}$	$\frac{37}{432}$	$\frac{395}{1296}$	$\frac{17}{54}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{1}$
44421	901	1080	$\frac{1}{18}$	$\frac{179}{1080}$	$\frac{37}{216}$	$\frac{17}{54}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
44422	901	1170	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{269}{1170}$	$\frac{121}{390}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{234}\ \Phi_{130}\ \Phi_{117}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
44423	901	1296	$\frac{1}{12}$	$\frac{37}{432}$	$\frac{11}{48}$	$\frac{395}{1296}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
44424	901	168	$\frac{3}{56}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{168}^{8}\ \Phi_{84}^{8}\ \Phi_{56}\ \Phi_{42}^{8}\ \Phi_{28}\ \Phi_{24}^{5}\ \Phi_{21}^{8}\ \Phi_{14}\ \Phi_{12}^{5}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}$
44425	901	1560	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{12}{65}$	$\frac{7}{24}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{120}\ \Phi_{65}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
44426	901	1050	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{149}{1050}$	$\frac{61}{210}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{175}\ \Phi_{150}\ \Phi_{75}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{25}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
44427	901	1260	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{420}$	$\frac{359}{1260}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
44428	901	72	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{72}^{11}\ \Phi_{36}^{11}\ \Phi_{24}^{12}\ \Phi_{18}^{16}\ \Phi_{12}^{12}\ \Phi_{9}^{16}\ \Phi_{8}^{12}\ \Phi_{6}^{16}\ \Phi_{4}^{12}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
44429	901	1008	$\frac{1}{12}$	$\frac{107}{1008}$	$\frac{11}{48}$	$\frac{37}{144}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
44430	901	280	$\frac{3}{56}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{280}^{4}\ \Phi_{140}^{4}\ \Phi_{70}^{4}\ \Phi_{56}\ \Phi_{40}^{4}\ \Phi_{35}^{4}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
44431	901	260	$\frac{1}{13}$	$\frac{3}{20}$	$\frac{12}{65}$	$\frac{1}{4}$	$\Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{65}^{4}\ \Phi_{52}^{4}\ \Phi_{26}^{4}\ \Phi_{20}^{4}\ \Phi_{13}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
44432	901	1152	$\frac{1}{12}$	$\frac{37}{288}$	$\frac{251}{1152}$	$\frac{11}{48}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
44433	901	1120	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{219}{1120}$	$\frac{61}{280}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{32}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
44434	902	2688	$\frac{3}{448}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{445}{896}$	$\Phi_{2688}\ \Phi_{384}\ \Phi_{12}\ \Phi_{6}$
44435	902	1620	$\frac{1}{81}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{40}{81}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{324}\ \Phi_{180}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}^{2}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
44436	902	405	$\frac{1}{81}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{40}{81}$	$\Phi_{405}^{2}\ \Phi_{135}^{2}\ \Phi_{81}^{3}\ \Phi_{45}^{2}\ \Phi_{27}^{3}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
44437	902	848	$\frac{1}{53}$	$\frac{27}{424}$	$\frac{397}{848}$	$\frac{26}{53}$	$\Phi_{848}^{2}\ \Phi_{53}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
44438	902	636	$\frac{1}{53}$	$\frac{27}{212}$	$\frac{185}{636}$	$\frac{26}{53}$	$\Phi_{636}^{2}\ \Phi_{318}^{2}\ \Phi_{159}^{2}\ \Phi_{53}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
44439	902	530	$\frac{1}{53}$	$\frac{79}{530}$	$\frac{27}{106}$	$\frac{26}{53}$	$\Phi_{530}^{2}\ \Phi_{265}^{2}\ \Phi_{53}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
44440	902	884	$\frac{9}{442}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{433}{884}$	$\Phi_{884}^{2}\ \Phi_{68}^{2}\ \Phi_{52}^{2}\ \Phi_{17}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
44441	902	1680	$\frac{1}{40}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{39}{80}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{80}^{2}\ \Phi_{48}\ \Phi_{21}\ \Phi_{16}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
44442	902	240	$\frac{1}{40}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{240}^{7}\ \Phi_{80}^{8}\ \Phi_{48}^{7}\ \Phi_{16}^{8}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
44443	902	560	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{39}{80}$	$\Phi_{560}^{3}\ \Phi_{112}^{3}\ \Phi_{80}^{4}\ \Phi_{16}^{4}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
44444	902	867	$\frac{35}{867}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{416}{867}$	$\Phi_{867}\ \Phi_{289}\ \Phi_{51}^2\ \Phi_{17}\ \Phi_3^2\ \Phi_1^2$
44445	902	420	$\frac{1}{21}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{10}{21}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_7^3\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
44446	902	924	$\frac{1}{21}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{11}^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
44447	902	315	$\frac{1}{21}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{315}^3\ \Phi_{105}^2\ \Phi_{63}^3\ \Phi_{45}^4\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_9^4\ \Phi_7^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
44448	902	1050	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{10}{21}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{175}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
44449	902	336	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{10}{21}$	$\Phi_{336}^3\ \Phi_{168}^2\ \Phi_{112}^3\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^4\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_7^3\ \Phi_6^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
44450	902	1794	$\frac{1}{23}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{1794}\ \Phi_{598}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
44451	902	612	$\frac{8}{153}$	$\frac{1}{17}$	$\frac{161}{612}$	$\frac{145}{306}$	$\Phi_{612}^2\ \Phi_{204}^2\ \Phi_{153}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{36}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
44452	902	663	$\frac{9}{221}$	$\frac{1}{17}$	$\frac{212}{663}$	$\frac{8}{17}$	$\Phi_{663}^2\ \Phi_{51}^2\ \Phi_{39}^2\ \Phi_{17}\ \Phi_3^2\ \Phi_1^2$
44453	902	476	$\frac{25}{476}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{476}^2\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{68}^2\ \Phi_{28}^2\ \Phi_{17}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
44454	902	1288	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{1288}\ \Phi_{322}\ \Phi_{184}\ \Phi_{161}\ \Phi_{46}$
44455	902	420	$\frac{1}{42}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{420}^4\ \Phi_{140}^4\ \Phi_{84}^4\ \Phi_{60}^3\ \Phi_{42}^2\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{20}^4\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
44456	902	540	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{13}{54}$	$\frac{9}{20}$	$\Phi_{540}^3\ \Phi_{180}^3\ \Phi_{108}^3\ \Phi_{60}^3\ \Phi_{54}^2\ \Phi_{36}^3\ \Phi_{27}\ \Phi_{20}^4\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
44457	902	180	$\frac{4}{45}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{180}^9\ \Phi_{60}^9\ \Phi_{45}^2\ \Phi_{36}^9\ \Phi_{20}^{10}\ \Phi_{15}^2\ \Phi_{12}^9\ \Phi_9\ \Phi_5^2\ \Phi_4^{10}\ \Phi_3\ \Phi_1^2$
44458	902	816	$\frac{1}{17}$	$\frac{43}{408}$	$\frac{8}{51}$	$\frac{365}{816}$	$\Phi_{816}^2\ \Phi_{272}^2\ \Phi_{51}^2\ \Phi_{48}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_3^2\ \Phi_1^2$
44459	902	795	$\frac{1}{53}$	$\frac{107}{795}$	$\frac{52}{159}$	$\frac{344}{795}$	$\Phi_{795}\ \Phi_{265}\ \Phi_{159}^2\ \Phi_{53}\ \Phi_{15}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
44460	902	1656	$\frac{1}{23}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{184}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
44461	902	510	$\frac{1}{17}$	$\frac{59}{510}$	$\frac{8}{51}$	$\frac{43}{102}$	$\Phi_{510}^2\ \Phi_{255}^2\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{30}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
44462	902	636	$\frac{1}{53}$	$\frac{26}{159}$	$\frac{185}{636}$	$\frac{133}{318}$	$\Phi_{636}^2\ \Phi_{212}^2\ \Phi_{159}^2\ \Phi_{53}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
44463	902	1104	$\frac{1}{23}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{184}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
44464	902	1610	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{1610}\ \Phi_{322}\ \Phi_{230}\ \Phi_{161}\ \Phi_{46}$
44465	902	765	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{137}{765}$	$\frac{314}{765}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}^2\ \Phi_{85}\ \Phi_{51}^2\ \Phi_{45}\ \Phi_{17}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
44466	902	1494	$\frac{1}{83}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1494}\ \Phi_{498}\ \Phi_{249}\ \Phi_{166}$
44467	902	456	$\frac{5}{456}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{456}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{24}\ \Phi_{19}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
44468	902	1328	$\frac{1}{83}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1328}\ \Phi_{332}\ \Phi_{166}$
44469	902	678	$\frac{1}{113}$	$\frac{112}{339}$	$\frac{1}{3}$	$\frac{227}{678}$	$\Phi_{678}^2\ \Phi_{339}\ \Phi_{226}^2\ \Phi_6^2\ \Phi_2^2$
44470	902	672	$\frac{3}{224}$	$\frac{1}{4}$	$\frac{221}{672}$	$\frac{1}{3}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}^2\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
44471	902	60	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{60}^{15}\ \Phi_{30}^{15}\ \Phi_{20}^{14}\ \Phi_{15}^{15}\ \Phi_{12}^{17}\ \Phi_{10}^{14}\ \Phi_6^{17}\ \Phi_5^{14}\ \Phi_4^{16}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{16}$
44472	902	210	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{42}^6\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{21}^6\ \Phi_{15}^3\ \Phi_{14}^6\ \Phi_{10}^4\ \Phi_7^6\ \Phi_6^6\ \Phi_5^2\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
44473	902	1680	$\frac{3}{112}$	$\frac{109}{560}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{240}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
44474	902	1392	$\frac{13}{464}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{12}\ \Phi_6$
44475	902	1536	$\frac{3}{64}$	$\frac{61}{512}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{384}\ \Phi_{12}\ \Phi_6$
44476	902	1428	$\frac{25}{476}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{357}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{12}\ \Phi_6$
44477	902	504	$\frac{3}{56}$	$\frac{53}{504}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
44478	902	480	$\frac{29}{480}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}$ $\Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
44479	902	132	$\frac{3}{44}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^7\ \Phi_{66}^7\ \Phi_{44}^8\ \Phi_{33}^7\ \Phi_{22}^8\ \Phi_{12}^2\ \Phi_{11}^8\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
44480	902	180	$\frac{1}{12}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{36}^6\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^6\ \Phi_{15}^3\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^6$ $\Phi_5^2\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
44481	902	300	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{300}^4\ \Phi_{150}^3\ \Phi_{100}^4\ \Phi_{75}^3\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
44482	902	48	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{48}^{22}\ \Phi_{24}^{15}\ \Phi_{16}^{22}\ \Phi_{12}^{17}\ \Phi_8^{14}\ \Phi_6^{17}\ \Phi_4^{16}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{16}$
44483	902	53	$\frac{2}{53}$	$\frac{9}{53}$	$\frac{12}{53}$	$\frac{17}{53}$	$\Phi_{53}^{17}\ \Phi_1^{18}$
44484	902	420	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{19}{60}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{60}^4\ \Phi_{42}^3\ \Phi_{30}^4\ \Phi_{21}^3\ \Phi_{15}^4\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_7$ $\Phi_6^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^2$
44485	902	1242	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{1242}\ \Phi_{621}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
44486	902	270	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{13}{54}$	$\frac{4}{15}$	$\Phi_{270}^4\ \Phi_{135}^2\ \Phi_{90}^4\ \Phi_{54}^6\ \Phi_{45}^2\ \Phi_{30}^4\ \Phi_{27}^3\ \Phi_{18}^6\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_9^3\ \Phi_6^6\ \Phi_5^2$ $\Phi_3^4\ \Phi_2^6\ \Phi_1^4$
44487	902	45	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{45}^{20}\ \Phi_{15}^{21}\ \Phi_9^{19}\ \Phi_5^{20}\ \Phi_3^{20}\ \Phi_1^{20}$
44488	902	612	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{43}{204}$	$\frac{161}{612}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{51}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
44489	902	308	$\frac{3}{44}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{308}^3\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{14}^2\ \Phi_{11}^4\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
44490	902	53	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{9}{53}$	$\frac{12}{53}$	$\Phi_{53}^{17}\ \Phi_1^{18}$
44491	902	630	$\frac{4}{45}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{630}^2\ \Phi_{315}\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}^2$ $\Phi_{15}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
44492	902	350	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{50}$	$\frac{3}{14}$	$\Phi_{350}^3\ \Phi_{175}^3\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
44493	902	336	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{48}$	$\frac{3}{14}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}^3\ \Phi_{48}^4\ \Phi_{42}^3\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_7$ $\Phi_6^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^2$
44494	903	768	$\frac{1}{128}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{127}{256}$	$\Phi_{768}^2\ \Phi_{256}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
44495	903	2304	$\frac{1}{128}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{127}{256}$	$\Phi_{2304}\ \Phi_{256}\ \Phi_9\ \Phi_1$
44496	903	1640	$\frac{1}{82}$	$\frac{83}{820}$	$\frac{737}{1640}$	$\frac{81}{164}$	$\Phi_{1640}\ \Phi_{328}\ \Phi_{164}\ \Phi_{40}\ \Phi_8\ \Phi_4\ \Phi_1$
44497	903	840	$\frac{1}{42}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{41}{84}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{40}^3\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4$ Φ_1
44498	903	420	$\frac{1}{42}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{41}{84}$	$\Phi_{420}^4\ \Phi_{140}^4\ \Phi_{84}^5\ \Phi_{60}^4\ \Phi_{28}^5\ \Phi_{20}^4\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
44499	903	168	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{41}{84}$	$\Phi_{168}^6\ \Phi_{84}^5\ \Phi_{56}^6\ \Phi_{42}^4\ \Phi_{28}^5\ \Phi_{24}^6\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_8^9\ \Phi_7^4\ \Phi_6^4\ \Phi_4^7$ $\Phi_3^4\ \Phi_2^6\ \Phi_1^7$
44500	903	2100	$\frac{1}{42}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{41}{84}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{300}\ \Phi_{100}\ \Phi_{84}\ \Phi_{28}\ \Phi_{25}\ \Phi_{12}\ \Phi_4\ \Phi_1$
44501	903	1760	$\frac{23}{880}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{857}{1760}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{160}\ \Phi_{44}\ \Phi_{32}\ \Phi_4\ \Phi_1$
44502	903	1000	$\frac{4}{125}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{121}{250}$	$\Phi_{1000}\ \Phi_{500}\ \Phi_{200}\ \Phi_{125}\ \Phi_{100}\ \Phi_{40}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4$ Φ_1
44503	903	104	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{9}{52}$	$\frac{25}{52}$	$\Phi_{104}^{10}\ \Phi_{52}^8\ \Phi_{26}^7\ \Phi_{13}^7\ \Phi_8^9\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
44504	903	440	$\frac{1}{22}$	$\frac{23}{440}$	$\frac{139}{440}$	$\frac{21}{44}$	$\Phi_{440}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{55}^2\ \Phi_{44}^3\ \Phi_{40}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_8^2$ $\Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
44505	903	968	$\frac{1}{22}$	$\frac{65}{968}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{121}\ \Phi_{44}\ \Phi_4\ \Phi_1$
44506	903	1100	$\frac{1}{22}$	$\frac{23}{220}$	$\frac{197}{1100}$	$\frac{21}{44}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{100}\ \Phi_{50}\ \Phi_{44}\ \Phi_{25}\ \Phi_4\ \Phi_1$
44507	903	352	$\frac{1}{22}$	$\frac{23}{176}$	$\frac{51}{352}$	$\frac{21}{44}$	$\Phi_{352}^3\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{44}^3\ \Phi_{32}^3\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
44508	903	82	$\frac{2}{41}$	$\frac{3}{41}$	$\frac{19}{82}$	$\frac{39}{82}$	$\Phi_{82}^8\ \Phi_{41}^{14}\ \Phi_2^8\ \Phi_1^{15}$
44509	903	360	$\frac{2}{45}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{360}^5\ \Phi_{120}^4\ \Phi_{72}^5\ \Phi_{45}\ \Phi_{40}^5\ \Phi_{24}^4\ \Phi_{15}\ \Phi_9\ \Phi_8^5\ \Phi_5\ \Phi_1$
44510	903	2520	$\frac{1}{21}$	$\frac{1}{20}$	$\frac{20}{63}$	$\frac{19}{40}$	$\Phi_{2520}\ \Phi_{504}\ \Phi_{360}\ \Phi_{72}\ \Phi_{63}\ \Phi_{40}\ \Phi_9\ \Phi_8\ \Phi_1$
44511	903	280	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{19}{40}$	$\Phi_{280}^2\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^4\ \Phi_{28}^5\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_5^4$ $\Phi_4^5\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
44512	903	240	$\frac{1}{20}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{240}^4\ \Phi_{120}^2\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^5\ \Phi_{40}^3\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{16}^5\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
44513	903	1960	$\frac{1}{20}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{19}{40}$	$\Phi_{1960}\ \Phi_{392}\ \Phi_{49}\ \Phi_{40}\ \Phi_8\ \Phi_1$
44514	903	572	$\frac{1}{22}$	$\frac{15}{286}$	$\frac{7}{22}$	$\frac{271}{572}$	$\Phi_{572}^3\ \Phi_{52}^3\ \Phi_{44}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
44515	903	176	$\frac{1}{22}$	$\frac{3}{44}$	$\frac{47}{176}$	$\frac{41}{88}$	$\Phi_{176}^7\ \Phi_{44}^7\ \Phi_{22}^6\ \Phi_{16}^7\ \Phi_{11}^6\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
44516	903	880	$\frac{1}{22}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{880}^2\ \Phi_{176}^2\ \Phi_{80}\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_4\ \Phi_1$
44517	903	80	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{37}{80}$	$\Phi_{80}^{21}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}^{21}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
44518	903	280	$\frac{11}{140}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{280}^4\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{56}^4\ \Phi_{40}^2\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{14}^3\ \Phi_{10}\ \Phi_8\ \Phi_7^3\ \Phi_5\ \Phi_4\ \Phi_1$
44519	903	312	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{8}$	$\frac{35}{78}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{104}^4\ \Phi_{52}^4\ \Phi_{39}^3\ \Phi_{26}\ \Phi_{24}^3\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
44520	903	528	$\frac{1}{22}$	$\frac{37}{264}$	$\frac{7}{44}$	$\frac{227}{528}$	$\Phi_{528}^3\ \Phi_{176}^3\ \Phi_{48}^3\ \Phi_{44}^3\ \Phi_{22}^2\ \Phi_{16}^3\ \Phi_{11}^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
44521	903	352	$\frac{1}{22}$	$\frac{51}{352}$	$\frac{7}{44}$	$\frac{37}{88}$	$\Phi_{352}^3\ \Phi_{176}^3\ \Phi_{44}^3\ \Phi_{32}^3\ \Phi_{22}^2\ \Phi_{16}^3\ \Phi_{11}^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
44522	903	192	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{21}{64}$	$\frac{5}{12}$	$\Phi_{192}^4\ \Phi_{96}^4\ \Phi_{64}^6\ \Phi_{48}^4\ \Phi_{32}^6\ \Phi_{24}^4\ \Phi_{16}^6\ \Phi_{12}^5\ \Phi_8^6\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
44523	903	132	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{132}^6\ \Phi_{66}^6\ \Phi_{44}^9\ \Phi_{33}^6\ \Phi_{22}^9\ \Phi_{12}^5\ \Phi_{11}^9\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
44524	903	480	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{31}{160}$	$\frac{5}{12}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^3\ \Phi_{120}^2\ \Phi_{80}^3\ \Phi_{60}^2\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
44525	903	408	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}^3\ \Phi_{102}^2\ \Phi_{68}^3\ \Phi_{51}^2\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
44526	903	48	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{48}^{19}\ \Phi_{24}^{19}\ \Phi_{16}^{18}\ \Phi_{12}^{20}\ \Phi_8^{18}\ \Phi_6^{19}\ \Phi_4^{19}\ \Phi_3^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
44527	903	220	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{19}{110}$	$\frac{91}{220}$	$\Phi_{220}^7\ \Phi_{44}^7\ \Phi_{22}^6\ \Phi_{20}^7\ \Phi_{11}^6\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
44528	903	492	$\frac{1}{82}$	$\frac{55}{246}$	$\frac{27}{82}$	$\frac{191}{492}$	$\Phi_{492}^3\ \Phi_{164}^3\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
44529	903	208	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{25}{104}$	$\frac{79}{208}$	$\Phi_{208}^7\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{16}^7\ \Phi_{13}\ \Phi_8\ \Phi_4\ \Phi_1$
44530	903	1312	$\frac{1}{82}$	$\frac{81}{328}$	$\frac{409}{1312}$	$\frac{247}{656}$	$\Phi_{1312}\ \Phi_{328}\ \Phi_{164}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
44531	903	528	$\frac{1}{22}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
44532	903	66	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{66}^{10}\ \Phi_{33}^{11}\ \Phi_{22}^{20}\ \Phi_{11}^{20}\ \Phi_6^{10}\ \Phi_3^{11}\ \Phi_2^{20}\ \Phi_1^{21}$
44533	903	451	$\frac{4}{451}$	$\frac{149}{451}$	$\frac{150}{451}$	$\frac{151}{451}$	$\Phi_{451}^2\ \Phi_{41}^2\ \Phi_{11}^2\ \Phi_1^3$
44534	903	576	$\frac{1}{64}$	$\frac{2}{9}$	$\frac{21}{64}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{64}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
44535	903	90	$\frac{2}{45}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{90}^{10}\ \Phi_{45}^{11}\ \Phi_{30}^8\ \Phi_{18}^{10}\ \Phi_{15}^9\ \Phi_{10}^{10}\ \Phi_9^{11}\ \Phi_6^8\ \Phi_5^{11}\ \Phi_3^8\ \Phi_2^{10}\ \Phi_1^{11}$
44536	903	396	$\frac{1}{44}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{99}^3\ \Phi_{44}^3\ \Phi_{36}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^3\ \Phi_9^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
44537	903	360	$\frac{2}{45}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{360}^3\ \Phi_{180}^2\ \Phi_{120}^3\ \Phi_{90}^2\ \Phi_{72}^3\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
44538	903	1440	$\frac{1}{32}$	$\frac{31}{160}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{160}\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
44539	903	1224	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_9\ \Phi_1$
44540	903	144	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{144}^8\ \Phi_{72}^8\ \Phi_{48}^3\ \Phi_{36}^8\ \Phi_{24}^3\ \Phi_{18}^8\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_9^9\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
44541	903	225	$\frac{2}{45}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{225}^5\ \Phi_{75}^4\ \Phi_{45}\ \Phi_{25}^5\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
44542	903	630	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{20}{63}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{63}^3\ \Phi_{45}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_9^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
44543	903	504	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{20}{63}$	$\Phi_{504}^3\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
44544	903	1575	$\frac{1}{21}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{20}{63}$	$\Phi_{1575}\ \Phi_{225}\ \Phi_{63}\ \Phi_{25}\ \Phi_9\ \Phi_1$
44545	903	104	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{9}{52}$	$\frac{4}{13}$	$\Phi_{104}^{10}\ \Phi_{52}^7\ \Phi_{26}^7\ \Phi_{13}^9\ \Phi_8^9\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
44546	903	280	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{56}$	$\frac{3}{10}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{56}^5\ \Phi_{40}^4\ \Phi_{28}^5\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_8^5\ \Phi_5^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
44547	903	240	$\frac{1}{10}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^5\ \Phi_{40}^4\ \Phi_{24}^5\ \Phi_{20}^4\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_8^5\ \Phi_5^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
44548	903	490	$\frac{1}{10}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{3}{10}$	$\Phi_{490}^2\ \Phi_{245}^2\ \Phi_{98}^2\ \Phi_{49}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
44549	903	200	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{50}$	$\frac{3}{10}$	$\Phi_{200}^6\ \Phi_{100}^6\ \Phi_{50}^3\ \Phi_{40}^2\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
44550	903	660	$\frac{1}{22}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
44551	903	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{17}{60}$	$\Phi_{120}^{12}\ \Phi_{60}^9\ \Phi_{40}^2\ \Phi_{30}^9\ \Phi_{24}^{12}\ \Phi_{20}^2\ \Phi_{15}^9\ \Phi_{12}^9\ \Phi_{10}\ \Phi_8\ \Phi_6^9\ \Phi_5\ \Phi_4\ \Phi_3^9\ \Phi_1$
44552	903	396	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{95}{396}$	$\frac{37}{132}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{99}^3\ \Phi_{44}^3\ \Phi_{36}^3\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{11}^2\ \Phi_9^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
44553	903	99	$\frac{8}{99}$	$\frac{13}{99}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{99}^9\ \Phi_{33}^9\ \Phi_{11}^{10}\ \Phi_9^9\ \Phi_3^9\ \Phi_1^{11}$
44554	903	56	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{56}$	$\frac{1}{4}$	$\Phi_{56}^{15}\ \Phi_{28}^{17}\ \Phi_{14}^{16}\ \Phi_8^{18}\ \Phi_7^{16}\ \Phi_4^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
44555	903	48	$\frac{5}{48}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{48}^{21}\ \Phi_{24}^{15}\ \Phi_{16}^{21}\ \Phi_{12}^{17}\ \Phi_8^{18}\ \Phi_6^{16}\ \Phi_4^{19}\ \Phi_3^{16}\ \Phi_2^{18}\ \Phi_1^{19}$
44556	903	392	$\frac{6}{49}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{392}^3\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{49}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
44557	903	1400	$\frac{1}{14}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{13}{56}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{200}\ \Phi_{100}\ \Phi_{56}\ \Phi_{28}\ \Phi_{25}\ \Phi_8\ \Phi_4\ \Phi_1$
44558	903	160	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{31}{160}$	$\frac{9}{40}$	$\Phi_{160}^7\ \Phi_{80}^7\ \Phi_{40}^2\ \Phi_{32}^7\ \Phi_{20}^2\ \Phi_{16}^7\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
44559	903	1200	$\frac{5}{48}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{100}\ \Phi_{48}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
44560	903	1225	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1225}\ \Phi_{49}\ \Phi_{25}\ \Phi_1$
44561	903	200	$\frac{1}{8}$	$\frac{7}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{200}^5\ \Phi_{100}^5\ \Phi_{50}^2\ \Phi_{40}^6\ \Phi_{25}^3\ \Phi_{20}^6\ \Phi_{10}^3\ \Phi_8^5\ \Phi_5^3\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
44562	904	225	$\frac{1}{225}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{112}{225}$	$\Phi_{225}^4\ \Phi_{75}^4\ \Phi_{45}^4\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
44563	904	903	$\frac{5}{903}$	$\frac{227}{903}$	$\frac{338}{903}$	$\frac{449}{903}$	$\Phi_{903}\ \Phi_{301}\ \Phi_{129}\ \Phi_{43}\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
44564	904	453	$\frac{1}{151}$	$\frac{38}{151}$	$\frac{1}{3}$	$\frac{75}{151}$	$\Phi_{453}^3\ \Phi_3^2$
44565	904	387	$\frac{1}{129}$	$\frac{65}{387}$	$\frac{161}{387}$	$\frac{64}{129}$	$\Phi_{387}^2\ \Phi_{129}^3\ \Phi_{43}^3\ \Phi_9^2\ \Phi_3^3\ \Phi_1^4$
44566	904	224	$\frac{1}{112}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{111}{224}$	$\Phi_{224}^8\ \Phi_{32}^8\ \Phi_7\ \Phi_1^2$
44567	904	3360	$\frac{1}{112}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{111}{224}$	$\Phi_{3360}\ \Phi_{480}\ \Phi_{15}$
44568	904	666	$\frac{2}{111}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{109}{222}$	$\Phi_{666}^3\ \Phi_{222}^2\ \Phi_{74}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
44569	904	215	$\frac{1}{43}$	$\frac{11}{215}$	$\frac{102}{215}$	$\frac{21}{43}$	$\Phi_{215}^4\ \Phi_{43}^5\ \Phi_5^4\ \Phi_1^6$
44570	904	645	$\frac{1}{43}$	$\frac{22}{215}$	$\frac{193}{645}$	$\frac{21}{43}$	$\Phi_{645}^2\ \Phi_{129}^2\ \Phi_{43}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
44571	904	129	$\frac{1}{43}$	$\frac{16}{129}$	$\frac{11}{43}$	$\frac{21}{43}$	$\Phi_{129}^8\ \Phi_{43}^5\ \Phi_3^8\ \Phi_1^6$
44572	904	441	$\frac{11}{441}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{215}{441}$	$\Phi_{441}^2\ \Phi_{147}^2\ \Phi_{63}^2\ \Phi_{49}^2\ \Phi_{21}^3\ \Phi_9^2\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
44573	904	1368	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{39}{152}$	$\frac{37}{76}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{72}\ \Phi_{57}\ \Phi_{24}\ \Phi_{18}\ \Phi_6$
44574	904	273	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{47}{273}$	$\frac{44}{91}$	$\Phi_{273}^4\ \Phi_{91}^2\ \Phi_{39}^4\ \Phi_{21}^4\ \Phi_{13}^2\ \Phi_7\ \Phi_3^4\ \Phi_1^2$
44575	904	875	$\frac{29}{875}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{423}{875}$	$\Phi_{875}\ \Phi_{175}\ \Phi_{125}\ \Phi_{35}^2\ \Phi_{25}\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
44576	904	216	$\frac{5}{108}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{103}{216}$	$\Phi_{216}^8\ \Phi_{72}^8\ \Phi_{24}^8\ \Phi_{18}^3\ \Phi_9^2\ \Phi_8^8\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
44577	904	147	$\frac{1}{21}$	$\frac{11}{147}$	$\frac{34}{147}$	$\frac{10}{21}$	$\Phi_{147}^6\ \Phi_{49}^6\ \Phi_{21}^7\ \Phi_7^7\ \Phi_3^7\ \Phi_1^8$
44578	904	126	$\frac{1}{21}$	$\frac{13}{126}$	$\frac{11}{63}$	$\frac{10}{21}$	$\Phi_{126}^8\ \Phi_{63}^6\ \Phi_{42}^8\ \Phi_{21}^7\ \Phi_{18}^8\ \Phi_{14}^8\ \Phi_9^6\ \Phi_7^7\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
44579	904	215	$\frac{11}{215}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{102}{215}$	$\Phi_{215}^4\ \Phi_{43}^5\ \Phi_5^4\ \Phi_1^6$
44580	904	129	$\frac{7}{129}$	$\frac{16}{129}$	$\frac{17}{129}$	$\frac{61}{129}$	$\Phi_{129}^7\ \Phi_{43}^7\ \Phi_3^7\ \Phi_1^8$
44581	904	210	$\frac{1}{21}$	$\frac{8}{105}$	$\frac{5}{21}$	$\frac{97}{210}$	$\Phi_{210}^8\ \Phi_{70}^8\ \Phi_{42}^8\ \Phi_{30}^8\ \Phi_{21}^3\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_7^3\ \Phi_6^8\ \Phi_3^3\ \Phi_2^8\ \Phi_1^4$
44582	904	210	$\frac{8}{105}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{97}{210}$	$\Phi_{210}^8\ \Phi_{70}^8\ \Phi_{42}^8\ \Phi_{35}^2\ \Phi_{30}^8\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_7\ \Phi_6^8\ \Phi_5^2\ \Phi_2^8\ \Phi_1^2$
44583	904	245	$\frac{19}{245}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{245}^4\ \Phi_{49}^4\ \Phi_{35}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
44584	904	819	$\frac{6}{91}$	$\frac{85}{819}$	$\frac{1}{7}$	$\frac{367}{819}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{117}\ \Phi_{91}^2\ \Phi_{63}\ \Phi_{39}\ \Phi_{21}\ \Phi_{13}^2\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
44585	904	168	$\frac{1}{56}$	$\frac{1}{7}$	$\frac{55}{168}$	$\frac{3}{7}$	$\Phi_{168}^8\ \Phi_{84}^8\ \Phi_{42}^8\ \Phi_{24}^8\ \Phi_{21}^8\ \Phi_{12}^8\ \Phi_7\ \Phi_6^8\ \Phi_3^8\ \Phi_1^2$
44586	904	231	$\frac{5}{231}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{231}^4\ \Phi_{77}^4\ \Phi_{33}^4\ \Phi_{21}^4\ \Phi_{11}^4\ \Phi_7\ \Phi_3^4\ \Phi_1^2$
44587	904	812	$\frac{3}{116}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{812}\ \Phi_{406}\ \Phi_{203}\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_7\ \Phi_1^2$
44588	904	140	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{27}{140}$	$\frac{3}{7}$	$\Phi_{140}^8\ \Phi_{70}^8\ \Phi_{35}^8\ \Phi_{20}^8\ \Phi_{10}^8\ \Phi_7\ \Phi_5^8\ \Phi_1^2$
44589	904	119	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{119}^8\ \Phi_{17}^8\ \Phi_7\ \Phi_1^2$
44590	904	840	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
44591	904	896	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_7\ \Phi_1^2$
44592	904	126	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{126}^8\ \Phi_{63}^8\ \Phi_{42}^8\ \Phi_{21}^8\ \Phi_{18}^8\ \Phi_9^8\ \Phi_7\ \Phi_6^8\ \Phi_3^8\ \Phi_1^2$
44593	904	360	$\frac{7}{120}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^2\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
44594	904	1710	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{18}{95}$	$\frac{77}{190}$	$\Phi_{1710}\ \Phi_{570}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{90}\ \Phi_{57}\ \Phi_{30}\ \Phi_{18}\ \Phi_6$
44595	904	126	$\frac{1}{21}$	$\frac{13}{126}$	$\frac{5}{21}$	$\frac{8}{21}$	$\Phi_{126}^8\ \Phi_{63}^8\ \Phi_{42}^8\ \Phi_{21}^3\ \Phi_{18}^8\ \Phi_{14}^8\ \Phi_9^8\ \Phi_7^3\ \Phi_6^8\ \Phi_3^3\ \Phi_2^8\ \Phi_1^4$
44596	904	129	$\frac{5}{129}$	$\frac{16}{129}$	$\frac{31}{129}$	$\frac{49}{129}$	$\Phi_{129}^7\ \Phi_{43}^7\ \Phi_3^7\ \Phi_1^8$
44597	904	182	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{22}{91}$	$\frac{69}{182}$	$\Phi_{182}^8\ \Phi_{91}^2\ \Phi_{26}^8\ \Phi_{14}^8\ \Phi_{13}^2\ \Phi_7\ \Phi_2^8\ \Phi_1^2$
44598	904	693	$\frac{1}{21}$	$\frac{20}{231}$	$\frac{211}{693}$	$\frac{241}{693}$	$\Phi_{693}\ \Phi_{231}^2\ \Phi_{99}\ \Phi_{77}^2\ \Phi_{63}\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{11}^2\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
44599	904	114	$\frac{1}{114}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{114}^8\ \Phi_{57}^8\ \Phi_{38}^8\ \Phi_{19}^8\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
44600	904	675	$\frac{2}{225}$	$\frac{223}{675}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{675}^2\ \Phi_{135}^2\ \Phi_{27}^2\ \Phi_3\ \Phi_1^2$
44601	904	150	$\frac{1}{75}$	$\frac{37}{150}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{150}^8\ \Phi_{75}^4\ \Phi_{50}^8\ \Phi_{30}^8\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^4\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
44602	904	459	$\frac{7}{459}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{459}^2\ \Phi_{153}^2\ \Phi_{51}^2\ \Phi_{27}^2\ \Phi_{17}^2\ \Phi_3\ \Phi_1^2$
44603	904	345	$\frac{2}{115}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{345}^2\ \Phi_{115}^4\ \Phi_{69}^2\ \Phi_{23}^4\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
44604	904	135	$\frac{1}{45}$	$\frac{22}{135}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{135}^8\ \Phi_{45}^4\ \Phi_{27}^8\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
44605	904	525	$\frac{2}{75}$	$\frac{73}{525}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
44606	904	465	$\frac{13}{465}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{465}^2\ \Phi_{155}^2\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_3\ \Phi_1^2$
44607	904	117	$\frac{4}{117}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{117}^8\ \Phi_{39}^8\ \Phi_{13}^8\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
44608	904	375	$\frac{1}{25}$	$\frac{12}{125}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{375}^2\ \Phi_{125}^4\ \Phi_{75}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
44609	904	495	$\frac{2}{45}$	$\frac{43}{495}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
44610	904	120	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^8\ \Phi_{60}^8\ \Phi_{40}^8\ \Phi_{30}^8\ \Phi_{24}^8\ \Phi_{20}^8\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_8^8\ \Phi_6^8\ \Phi_5^4\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
44611	904	840	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{55}{168}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
44612	904	453	$\frac{3}{151}$	$\frac{37}{151}$	$\frac{38}{151}$	$\frac{1}{3}$	$\Phi_{453}^3\ \Phi_3^2$
44613	904	1740	$\frac{3}{116}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{15}$
44614	904	420	$\frac{1}{28}$	$\frac{27}{140}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{60}^3\ \Phi_{42}^4\ \Phi_{30}^3\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4$
44615	904	1785	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{255}\ \Phi_{15}$
44616	904	120	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{120}^7\ \Phi_{60}^7\ \Phi_{40}^8\ \Phi_{30}^7\ \Phi_{24}^8\ \Phi_{20}^8\ \Phi_{15}^8\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_8^8\ \Phi_6^8\ \Phi_5^8\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
44617	904	1920	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{15}$
44618	904	630	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
44619	904	273	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{47}{273}$	$\frac{85}{273}$	$\Phi_{273}^3\ \Phi_{91}^4\ \Phi_{39}^3\ \Phi_{21}^3\ \Phi_{13}^4\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
44620	904	525	$\frac{3}{35}$	$\frac{73}{525}$	$\frac{1}{7}$	$\frac{32}{105}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{75}^2\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
44621	904	162	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{49}{162}$	$\Phi_{162}^{8}\ \Phi_{81}^{8}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
44622	904	315	$\frac{1}{21}$	$\frac{16}{105}$	$\frac{5}{21}$	$\frac{89}{315}$	$\Phi_{315}^{4}\ \Phi_{63}^{4}\ \Phi_{45}^{4}\ \Phi_{21}^{3}\ \Phi_{9}^{4}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
44623	904	315	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{105}$	$\frac{89}{315}$	$\Phi_{315}^{4}\ \Phi_{63}^{4}\ \Phi_{45}^{4}\ \Phi_{35}^{2}\ \Phi_{9}^{4}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
44624	904	126	$\frac{13}{126}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{126}^{8}\ \Phi_{63}^{8}\ \Phi_{42}^{8}\ \Phi_{21}^{8}\ \Phi_{18}^{3}\ \Phi_{14}^{8}\ \Phi_{9}^{2}\ \Phi_{7}^{8}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
44625	904	129	$\frac{3}{43}$	$\frac{16}{129}$	$\frac{10}{43}$	$\frac{11}{43}$	$\Phi_{129}^{8}\ \Phi_{43}^{5}\ \Phi_{3}^{8}\ \Phi_{1}^{6}$
44626	904	301	$\frac{9}{301}$	$\frac{73}{301}$	$\frac{75}{301}$	$\frac{76}{301}$	$\Phi_{301}^{3}\ \Phi_{43}^{3}\ \Phi_{7}^{3}\ \Phi_{1}^{4}$
44627	904	140	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{27}{140}$	$\frac{8}{35}$	$\Phi_{140}^{8}\ \Phi_{70}^{8}\ \Phi_{35}^{2}\ \Phi_{28}^{8}\ \Phi_{20}^{8}\ \Phi_{14}^{8}\ \Phi_{10}^{8}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
44628	904	144	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{144}$	$\Phi_{144}^{8}\ \Phi_{72}^{8}\ \Phi_{48}^{8}\ \Phi_{24}^{8}\ \Phi_{18}^{3}\ \Phi_{16}^{8}\ \Phi_{9}^{2}\ \Phi_{8}^{8}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
44629	904	525	$\frac{73}{525}$	$\frac{1}{7}$	$\frac{29}{175}$	$\frac{6}{35}$	$\Phi_{525}^{2}\ \Phi_{175}\ \Phi_{105}^{2}\ \Phi_{75}^{2}\ \Phi_{35}^{2}\ \Phi_{25}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
44630	905	360	$\frac{1}{180}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{179}{360}$	$\Phi_{360}\ \Phi_{180}^{4}\ \Phi_{120}\ \Phi_{90}^{4}\ \Phi_{72}\ \Phi_{60}^{4}\ \Phi_{45}^{4}\ \Phi_{40}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{24}\ \Phi_{20}^{4}\ \Phi_{18}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
44631	905	1792	$\frac{9}{896}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{887}{1792}$	$\Phi_{1792}\ \Phi_{256}\ \Phi_{16}\ \Phi_{1}$
44632	905	1776	$\frac{17}{888}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{871}{1776}$	$\Phi_{1776}\ \Phi_{592}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
44633	905	1216	$\frac{7}{304}$	$\frac{1}{8}$	$\frac{311}{1216}$	$\frac{297}{608}$	$\Phi_{1216}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{64}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{1}$
44634	905	1050	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{169}{350}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}\ \Phi_{105}\ \Phi_{75}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{30}\ \Phi_{25}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{14}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
44635	905	624	$\frac{1}{26}$	$\frac{27}{208}$	$\frac{1}{6}$	$\frac{25}{52}$	$\Phi_{624}^{2}\ \Phi_{312}^{2}\ \Phi_{208}\ \Phi_{104}\ \Phi_{78}^{2}\ \Phi_{48}^{2}\ \Phi_{39}^{2}\ \Phi_{26}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
44636	905	1728	$\frac{41}{864}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{823}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
44637	905	1014	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{157}{338}$	$\Phi_{1014}\ \Phi_{507}\ \Phi_{169}\ \Phi_{78}^{2}\ \Phi_{39}^{2}\ \Phi_{26}\ \Phi_{13}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
44638	905	588	$\frac{1}{14}$	$\frac{15}{196}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{588}^{2}\ \Phi_{294}^{2}\ \Phi_{196}\ \Phi_{147}^{2}\ \Phi_{98}\ \Phi_{49}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
44639	905	336	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{1}{6}$	$\frac{155}{336}$	$\Phi_{336}^{5}\ \Phi_{112}^{5}\ \Phi_{48}^{5}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{16}^{5}\ \Phi_{14}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
44640	905	1344	$\frac{9}{448}$	$\frac{1}{8}$	$\frac{439}{1344}$	$\frac{7}{16}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
44641	905	928	$\frac{23}{928}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{928}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{29}\ \Phi_{16}\ \Phi_{1}$
44642	905	224	$\frac{9}{224}$	$\frac{1}{8}$	$\frac{43}{224}$	$\frac{7}{16}$	$\Phi_{224}^{4}\ \Phi_{112}^{4}\ \Phi_{56}^{4}\ \Phi_{32}^{4}\ \Phi_{28}^{4}\ \Phi_{16}^{5}\ \Phi_{14}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
44643	905	192	$\frac{11}{192}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{192}^{5}\ \Phi_{96}^{5}\ \Phi_{64}^{4}\ \Phi_{48}^{5}\ \Phi_{32}^{4}\ \Phi_{24}^{5}\ \Phi_{16}^{5}\ \Phi_{12}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
44644	905	1024	$\frac{9}{128}$	$\frac{119}{1024}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_{16}\ \Phi_{1}$
44645	905	1008	$\frac{9}{112}$	$\frac{103}{1008}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
44646	905	192	$\frac{11}{192}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{192}^{5}\ \Phi_{96}^{4}\ \Phi_{64}^{5}\ \Phi_{48}^{5}\ \Phi_{32}^{4}\ \Phi_{24}^{5}\ \Phi_{16}^{5}\ \Phi_{12}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
44647	905	312	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{1}{6}$	$\frac{131}{312}$	$\Phi_{312}^{5}\ \Phi_{104}^{5}\ \Phi_{78}^{2}\ \Phi_{39}^{2}\ \Phi_{26}\ \Phi_{24}^{5}\ \Phi_{13}\ \Phi_{8}^{5}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
44648	905	304	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{29}{152}$	$\frac{123}{304}$	$\Phi_{304}^{5}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}^{5}\ \Phi_{1}$
44649	905	1464	$\frac{2}{183}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1464}\ \Phi_{488}\ \Phi_{183}\ \Phi_{61}\ \Phi_{8}\ \Phi_{1}$
44650	905	1080	$\frac{1}{90}$	$\frac{1}{4}$	$\frac{89}{270}$	$\frac{3}{8}$	$\Phi_{1080}^{2}\ \Phi_{270}\ \Phi_{216}^{2}\ \Phi_{135}\ \Phi_{54}\ \Phi_{27}\ \Phi_{8}\ \Phi_{1}$
44651	905	184	$\frac{3}{184}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{184}^{5}\ \Phi_{92}^{5}\ \Phi_{46}^{5}\ \Phi_{23}^{5}\ \Phi_{8}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
44652	905	240	$\frac{1}{60}$	$\frac{59}{240}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{240}^{5}\ \Phi_{120}\ \Phi_{80}^{5}\ \Phi_{60}^{4}\ \Phi_{48}^{5}\ \Phi_{40}\ \Phi_{30}^{4}\ \Phi_{24}\ \Phi_{20}^{4}\ \Phi_{16}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
44653	905	1480	$\frac{4}{185}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1480}\ \Phi_{296}\ \Phi_{185}\ \Phi_{37}\ \Phi_{8}\ \Phi_{1}$
44654	905	1800	$\frac{1}{45}$	$\frac{44}{225}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{225}\ \Phi_{200}\ \Phi_{75}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
44655	905	744	$\frac{5}{186}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{744}^{2}\ \Phi_{248}^{2}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
44656	905	216	$\frac{1}{36}$	$\frac{35}{216}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^5\ \Phi_{108}^5\ \Phi_{72}\ \Phi_{54}^5\ \Phi_{36}^4\ \Phi_{27}^5\ \Phi_{24}\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
44657	905	840	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{105}\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
44658	905	1512	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{63}\ \Phi_{56}\ \Phi_{27}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$
44659	905	760	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{760}^2\ \Phi_{190}\ \Phi_{152}^2\ \Phi_{95}\ \Phi_{38}\ \Phi_{19}\ \Phi_8\ \Phi_1$
44660	905	200	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{200}^5\ \Phi_{100}^5\ \Phi_{50}^5\ \Phi_{40}\ \Phi_{25}^5\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^2\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
44661	905	792	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}^2\ \Phi_{264}^2\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
44662	905	192	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{192}^5\ \Phi_{96}^5\ \Phi_{64}^5\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{24}\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
44663	905	1560	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{195}\ \Phi_{104}\ \Phi_{65}\ \Phi_{39}\ \Phi_{13}\ \Phi_8\ \Phi_1$
44664	905	1356	$\frac{1}{113}$	$\frac{112}{339}$	$\frac{451}{1356}$	$\frac{227}{678}$	$\Phi_{1356}\ \Phi_{452}\ \Phi_{339}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
44665	905	234	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{53}{234}$	$\frac{25}{78}$	$\Phi_{234}^5\ \Phi_{117}^5\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{18}^5\ \Phi_{13}\ \Phi_9^5\ \Phi_6\ \Phi_3\ \Phi_1$
44666	905	210	$\frac{1}{14}$	$\frac{29}{210}$	$\frac{1}{6}$	$\frac{13}{42}$	$\Phi_{210}^5\ \Phi_{105}^5\ \Phi_{70}^5\ \Phi_{42}^2\ \Phi_{35}^5\ \Phi_{30}^5\ \Phi_{21}^2\ \Phi_{15}^5\ \Phi_{14}\ \Phi_{10}^5\ \Phi_7\ \Phi_6\ \Phi_5^5\ \Phi_3\ \Phi_1$
44667	905	1296	$\frac{41}{432}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{391}{1296}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
44668	905	1008	$\frac{103}{1008}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{144}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
44669	905	252	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1}{6}$	$\frac{71}{252}$	$\Phi_{252}^5\ \Phi_{126}^5\ \Phi_{63}^5\ \Phi_{42}^2\ \Phi_{36}^5\ \Phi_{21}^2\ \Phi_{18}^5\ \Phi_{14}\ \Phi_9^5\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
44670	905	672	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{43}{224}$	$\frac{13}{56}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}\ \Phi_{112}\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{32}\ \Phi_{21}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
44671	905	1152	$\frac{1}{8}$	$\frac{41}{288}$	$\frac{7}{48}$	$\frac{247}{1152}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
44672	905	210	$\frac{29}{210}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{35}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{42}^5\ \Phi_{35}^5\ \Phi_{30}^4\ \Phi_{21}^5\ \Phi_{15}^4\ \Phi_{14}^5\ \Phi_{10}^4\ \Phi_7^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
44673	906	724	$\frac{1}{181}$	$\frac{91}{362}$	$\frac{271}{724}$	$\frac{90}{181}$	$\Phi_{724}^2\ \Phi_{181}\ \Phi_4^2\ \Phi_1^2$
44674	906	300	$\frac{1}{150}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{149}{300}$	$\Phi_{300}^6\ \Phi_{100}^6\ \Phi_{60}^6\ \Phi_{20}^6\ \Phi_{12}^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
44675	906	300	$\frac{1}{150}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{149}{300}$	$\Phi_{300}^2\ \Phi_{150}^4\ \Phi_{100}^2\ \Phi_{75}^4\ \Phi_{60}^2\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{20}^2\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
44676	906	404	$\frac{1}{101}$	$\frac{1}{4}$	$\frac{51}{202}$	$\frac{50}{101}$	$\Phi_{404}^3\ \Phi_{202}\ \Phi_{101}^2\ \Phi_4^2\ \Phi_1^2$
44677	906	2072	$\frac{3}{148}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{145}{296}$	$\Phi_{2072}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
44678	906	520	$\frac{2}{65}$	$\frac{67}{520}$	$\frac{1}{5}$	$\frac{63}{130}$	$\Phi_{520}^2\ \Phi_{260}^2\ \Phi_{104}^2\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{13}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
44679	906	875	$\frac{31}{875}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{422}{875}$	$\Phi_{875}\ \Phi_{175}\ \Phi_{125}\ \Phi_{35}^2\ \Phi_{25}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
44680	906	2016	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{137}{288}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{224}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
44681	906	490	$\frac{2}{35}$	$\frac{37}{490}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{490}^2\ \Phi_{245}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
44682	906	845	$\frac{4}{65}$	$\frac{61}{845}$	$\frac{1}{5}$	$\frac{392}{845}$	$\Phi_{845}\ \Phi_{169}\ \Phi_{65}^2\ \Phi_{13}^2\ \Phi_5\ \Phi_1^2$
44683	906	280	$\frac{2}{35}$	$\frac{11}{140}$	$\frac{1}{5}$	$\frac{129}{280}$	$\Phi_{280}^6\ \Phi_{56}^6\ \Phi_{40}^6\ \Phi_{35}^2\ \Phi_8^6\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
44684	906	1120	$\frac{9}{160}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
44685	906	266	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{1}{7}$	$\frac{115}{266}$	$\Phi_{266}^6\ \Phi_{133}\ \Phi_{38}^6\ \Phi_{14}^6\ \Phi_2^6$
44686	906	260	$\frac{2}{65}$	$\frac{21}{130}$	$\frac{1}{5}$	$\frac{109}{260}$	$\Phi_{260}^6\ \Phi_{65}^2\ \Phi_{52}^6\ \Phi_{20}^6\ \Phi_{13}^2\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
44687	906	765	$\frac{2}{153}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}^2\ \Phi_{85}\ \Phi_{51}^2\ \Phi_{45}\ \Phi_{17}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
44688	906	225	$\frac{1}{75}$	$\frac{1}{5}$	$\frac{74}{225}$	$\frac{2}{5}$	$\Phi_{225}^6\ \Phi_{45}^6\ \Phi_9^6\ \Phi_5\ \Phi_1^2$
44689	906	460	$\frac{7}{460}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{460}^2\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
44690	906	200	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{49}{200}$	$\frac{2}{5}$	$\Phi_{200}^6\ \Phi_{100}^6\ \Phi_{40}^6\ \Phi_{20}^6\ \Phi_8^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
44691	906	155	$\frac{4}{155}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{155}^6\ \Phi_{31}^6\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
44692	906	780	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{130}\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{20}\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
44693	906	180	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^6\ \Phi_{45}^6\ \Phi_{36}^6\ \Phi_{20}^6\ \Phi_{18}^6\ \Phi_{12}^6\ \Phi_9^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
44694	906	175	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{175}^6\ \Phi_{35}^6\ \Phi_7^6\ \Phi_5\ \Phi_1^2$
44695	906	475	$\frac{22}{475}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{475}^2\ \Phi_{95}^2\ \Phi_{19}^2\ \Phi_5\ \Phi_1^2$
44696	906	160	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{160}^6\ \Phi_{80}^6\ \Phi_{40}^6\ \Phi_{32}^6\ \Phi_{20}^6\ \Phi_{16}^6\ \Phi_8^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
44697	906	500	$\frac{3}{50}$	$\frac{47}{500}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{500}^2\ \Phi_{250}^2\ \Phi_{125}^2\ \Phi_{100}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
44698	906	165	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{165}^6\ \Phi_{55}^6\ \Phi_{33}^6\ \Phi_{11}^6\ \Phi_5\ \Phi_1^2$
44699	906	1596	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{37}{114}$	$\frac{77}{228}$	$\Phi_{1596}\ \Phi_{532}\ \Phi_{266}\ \Phi_{133}\ \Phi_{84}\ \Phi_{28}\ \Phi_{14}$
44700	906	181	$\frac{4}{181}$	$\frac{30}{181}$	$\frac{59}{181}$	$\frac{61}{181}$	$\Phi_{181}^5\ \Phi_1^6$
44701	906	612	$\frac{2}{153}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{36}^2\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
44702	906	900	$\frac{1}{75}$	$\frac{1}{4}$	$\frac{74}{225}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
44703	906	600	$\frac{1}{50}$	$\frac{49}{200}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{600}^3\ \Phi_{300}\ \Phi_{150}^2\ \Phi_{120}^3\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
44704	906	1860	$\frac{4}{155}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{372}\ \Phi_{186}\ \Phi_{12}\ \Phi_6$
44705	906	1500	$\frac{2}{75}$	$\frac{73}{375}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{250}\ \Phi_{12}\ \Phi_6$
44706	906	156	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^6\ \Phi_{78}^6\ \Phi_{52}^6\ \Phi_{39}^6\ \Phi_{26}^6\ \Phi_{13}^6\ \Phi_{12}^3\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
44707	906	180	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^2\ \Phi_{45}^6\ \Phi_{36}^6\ \Phi_{30}^4\ \Phi_{20}^2\ \Phi_{18}^6\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_9^6\ \Phi_6^5\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
44708	906	2100	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{420}\ \Phi_{210}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}\ \Phi_6$
44709	906	1260	$\frac{13}{315}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
44710	906	480	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}\ \Phi_{48}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
44711	906	660	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{12}\ \Phi_6$
44712	906	195	$\frac{2}{65}$	$\frac{1}{5}$	$\frac{44}{195}$	$\frac{21}{65}$	$\Phi_{195}^6\ \Phi_{65}^2\ \Phi_{39}^6\ \Phi_{15}^6\ \Phi_{13}^2\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
44713	906	175	$\frac{2}{35}$	$\frac{24}{175}$	$\frac{1}{5}$	$\frac{11}{35}$	$\Phi_{175}^6\ \Phi_{35}^2\ \Phi_{25}^6\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
44714	906	1512	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{65}{216}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
44715	906	168	$\frac{17}{168}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{56}^6\ \Phi_{42}^5\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{21}^5\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
44716	906	210	$\frac{2}{35}$	$\frac{11}{70}$	$\frac{1}{5}$	$\frac{59}{210}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{42}^6\ \Phi_{35}^2\ \Phi_{30}^6\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_7^2\ \Phi_6^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
44717	906	560	$\frac{2}{35}$	$\frac{107}{560}$	$\frac{1}{5}$	$\frac{33}{140}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
44718	906	1344	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{48}$	$\frac{41}{192}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
44719	906	175	$\frac{4}{35}$	$\frac{24}{175}$	$\frac{31}{175}$	$\frac{1}{5}$	$\Phi_{175}^5\ \Phi_{35}^6\ \Phi_{25}^5\ \Phi_7^6\ \Phi_5^5\ \Phi_1^6$
44720	906	181	$\frac{25}{181}$	$\frac{26}{181}$	$\frac{30}{181}$	$\frac{31}{181}$	$\Phi_{181}^5\ \Phi_1^6$
44721	907	1212	$\frac{2}{303}$	$\frac{305}{1212}$	$\frac{1}{3}$	$\frac{301}{606}$	$\Phi_{1212}\ \Phi_{404}\ \Phi_{303}\ \Phi_{101}\ \Phi_{12}\ \Phi_4\ \Phi_1$
44722	907	1800	$\frac{7}{900}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{893}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
44723	907	1800	$\frac{7}{900}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{893}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
44724	907	1776	$\frac{19}{888}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{869}{1776}$	$\Phi_{1776}\ \Phi_{592}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
44725	907	1728	$\frac{43}{864}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{821}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
44726	907	960	$\frac{53}{960}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
44727	907	1596	$\frac{5}{114}$	$\frac{109}{798}$	$\frac{1}{6}$	$\frac{689}{1596}$	$\Phi_{1596}\ \Phi_{532}\ \Phi_{228}\ \Phi_{114}\ \Phi_{84}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{28}\ \Phi_{19}\ \Phi_{12}\ \Phi_4\ \Phi_1$
44728	907	1200	$\frac{7}{300}$	$\frac{1}{6}$	$\frac{293}{1200}$	$\frac{5}{12}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{120}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
44729	907	936	$\frac{29}{936}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
44730	907	1080	$\frac{7}{180}$	$\frac{173}{1080}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
44731	907	960	$\frac{53}{960}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
44732	907	918	$\frac{11}{918}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{918}\ \Phi_{459}\ \Phi_{306}\ \Phi_{153}\ \Phi_{102}\ \Phi_{54}\ \Phi_{51}\ \Phi_{34}\ \Phi_{27}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
44733	907	1368	$\frac{5}{228}$	$\frac{1}{6}$	$\frac{223}{684}$	$\frac{461}{1368}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{72}\ \Phi_{57}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
44734	907	1350	$\frac{7}{450}$	$\frac{2}{9}$	$\frac{443}{1350}$	$\frac{1}{3}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{270}\ \Phi_{135}\ \Phi_{54}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
44735	907	936	$\frac{29}{936}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
44736	907	1125	$\frac{7}{225}$	$\frac{218}{1125}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{125}\ \Phi_{9}\ \Phi_{1}$
44737	907	1080	$\frac{7}{180}$	$\frac{173}{1080}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
44738	907	945	$\frac{38}{945}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
44739	907	990	$\frac{7}{90}$	$\frac{83}{990}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
44740	907	1296	$\frac{43}{432}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{389}{1296}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
44741	907	1008	$\frac{101}{1008}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{144}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
44742	907	1152	$\frac{5}{48}$	$\frac{43}{288}$	$\frac{1}{6}$	$\frac{245}{1152}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
44743	908	1356	$\frac{1}{226}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{225}{452}$	$\Phi_{1356}\ \Phi_{452}^2\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
44744	908	450	$\frac{2}{225}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{223}{450}$	$\Phi_{450}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{2}^4$
44745	908	273	$\frac{1}{91}$	$\frac{46}{273}$	$\frac{1}{3}$	$\frac{45}{91}$	$\Phi_{273}^3\ \Phi_{91}^4\ \Phi_{39}^3\ \Phi_{21}^3\ \Phi_{13}^4\ \Phi_{7}^4\ \Phi_{3}^2\ \Phi_{1}^4$
44746	908	1520	$\frac{1}{76}$	$\frac{1}{5}$	$\frac{77}{304}$	$\frac{75}{152}$	$\Phi_{1520}\ \Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
44747	908	1344	$\frac{3}{224}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{221}{448}$	$\Phi_{1344}^2\ \Phi_{192}^2\ \Phi_{21}$
44748	908	2240	$\frac{3}{224}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{221}{448}$	$\Phi_{2240}\ \Phi_{320}\ \Phi_{20}\ \Phi_{10}$
44749	908	780	$\frac{1}{65}$	$\frac{33}{260}$	$\frac{1}{3}$	$\frac{32}{65}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{60}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{6}^2$
44750	908	2220	$\frac{5}{222}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{217}{444}$	$\Phi_{2220}\ \Phi_{740}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
44751	908	1326	$\frac{6}{221}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{215}{442}$	$\Phi_{1326}^2\ \Phi_{102}^2\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{6}^2$
44752	908	735	$\frac{1}{35}$	$\frac{18}{245}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{735}^2\ \Phi_{147}^2\ \Phi_{105}\ \Phi_{21}\ \Phi_{15}$
44753	908	2160	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{205}{432}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{240}\ \Phi_{80}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
44754	908	234	$\frac{7}{234}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{234}^4\ \Phi_{117}^4\ \Phi_{78}^4\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
44755	908	420	$\frac{1}{35}$	$\frac{17}{210}$	$\frac{1}{3}$	$\frac{193}{420}$	$\Phi_{420}^4\ \Phi_{140}^4\ \Phi_{105}\ \Phi_{84}^4\ \Phi_{60}^4\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{4}^4$
44756	908	240	$\frac{13}{240}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{240}^4\ \Phi_{120}^3\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^3\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
44757	908	2090	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{1}{5}$	$\frac{191}{418}$	$\Phi_{2090}\ \Phi_{190}\ \Phi_{110}\ \Phi_{95}\ \Phi_{10}$
44758	908	231	$\frac{4}{231}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{231}^4\ \Phi_{77}^4\ \Phi_{33}^4\ \Phi_{21}^3\ \Phi_{11}^4\ \Phi_{7}^4\ \Phi_{3}^2\ \Phi_{1}^4$
44759	908	390	$\frac{1}{65}$	$\frac{32}{195}$	$\frac{1}{3}$	$\frac{163}{390}$	$\Phi_{390}^4\ \Phi_{195}\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{39}\ \Phi_{30}^4\ \Phi_{26}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{2}^4$
44760	908	380	$\frac{1}{38}$	$\frac{37}{190}$	$\frac{1}{5}$	$\frac{153}{380}$	$\Phi_{380}^4\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}^4\ \Phi_{20}^4\ \Phi_{10}\ \Phi_{4}^4$
44761	908	690	$\frac{3}{230}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{6}^2$
44762	908	1092	$\frac{1}{91}$	$\frac{45}{182}$	$\frac{1}{3}$	$\frac{137}{364}$	$\Phi_{1092}^2\ \Phi_{273}\ \Phi_{156}^2\ \Phi_{84}^2\ \Phi_{39}\ \Phi_{21}\ \Phi_{12}^2$
44763	908	1160	$\frac{5}{232}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{145}\ \Phi_{20}\ \Phi_{10}$
44764	908	1710	$\frac{1}{57}$	$\frac{1}{5}$	$\frac{56}{171}$	$\frac{115}{342}$	$\Phi_{1710}\ \Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{95}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
44765	908	339	$\frac{1}{113}$	$\frac{112}{339}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{339}^3\ \Phi_{113}^2\ \Phi_3^4\ \Phi_1^4$
44766	908	585	$\frac{1}{65}$	$\frac{131}{585}$	$\frac{64}{195}$	$\frac{1}{3}$	$\Phi_{585}^2\ \Phi_{195}\ \Phi_{117}^2\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{15}\ \Phi_9^2$
44767	908	675	$\frac{4}{225}$	$\frac{1}{5}$	$\frac{221}{675}$	$\frac{1}{3}$	$\Phi_{675}^2\ \Phi_{135}^2\ \Phi_{27}^2\ \Phi_{15}$
44768	908	336	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{109}{336}$	$\frac{1}{3}$	$\Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^4\ \Phi_{84}^2\ \Phi_{56}^4\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}^4\ \Phi_{24}^2\ \Phi_{21}^3\ \Phi_{16}^4\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_8^4\ \Phi_7^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
44769	908	525	$\frac{1}{35}$	$\frac{71}{525}$	$\frac{34}{105}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{21}\ \Phi_{15}$
44770	908	663	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{209}{663}$	$\frac{1}{3}$	$\Phi_{663}\ \Phi_{221}^2\ \Phi_{51}\ \Phi_{39}^2\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
44771	908	315	$\frac{1}{35}$	$\frac{17}{105}$	$\frac{88}{315}$	$\frac{1}{3}$	$\Phi_{315}^4\ \Phi_{105}\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{21}\ \Phi_{15}\ \Phi_9^4$
44772	908	465	$\frac{11}{465}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{465}^2\ \Phi_{155}^2\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{15}$
44773	908	300	$\frac{2}{75}$	$\frac{1}{5}$	$\frac{73}{300}$	$\frac{1}{3}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{60}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
44774	908	840	$\frac{1}{35}$	$\frac{53}{280}$	$\frac{17}{70}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}^2$
44775	908	1170	$\frac{7}{234}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{90}\ \Phi_{65}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
44776	908	714	$\frac{11}{238}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{21}$
44777	908	1425	$\frac{21}{475}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1425}\ \Phi_{285}\ \Phi_{57}\ \Phi_{15}$
44778	908	270	$\frac{2}{45}$	$\frac{43}{270}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
44779	908	525	$\frac{4}{75}$	$\frac{71}{525}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^2$
44780	908	240	$\frac{13}{240}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
44781	908	750	$\frac{2}{25}$	$\frac{23}{250}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{750}^2\ \Phi_{375}^2\ \Phi_{150}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
44782	908	495	$\frac{41}{495}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{15}\ \Phi_{11}^2$
44783	908	840	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{53}{280}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^2$
44784	908	252	$\frac{25}{252}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^2\ \Phi_{63}^4\ \Phi_{42}^2\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_9^4\ \Phi_7^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
44785	908	1680	$\frac{3}{112}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{109}{336}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{240}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
44786	908	1260	$\frac{1}{12}$	$\frac{25}{252}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
44787	908	1620	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{5}$	$\frac{97}{324}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
44788	908	280	$\frac{3}{56}$	$\frac{53}{280}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{280}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{56}^4\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
44789	908	240	$\frac{13}{240}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^3\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^3\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
44790	908	1280	$\frac{3}{32}$	$\frac{29}{256}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{20}\ \Phi_{10}$
44791	908	1260	$\frac{25}{252}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{105}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
44792	908	1440	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{5}$	$\frac{61}{288}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{80}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
44793	909	1808	$\frac{5}{904}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{899}{1808}$	$\Phi_{1808}\ \Phi_{16}\ \Phi_8\ \Phi_1$
44794	909	1216	$\frac{3}{304}$	$\frac{1}{4}$	$\frac{307}{1216}$	$\frac{301}{608}$	$\Phi_{1216}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{64}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_8\ \Phi_1$
44795	909	400	$\frac{1}{100}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{99}{200}$	$\Phi_{400}^4\ \Phi_{200}\ \Phi_{80}^4\ \Phi_{40}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
44796	909	200	$\frac{1}{100}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{99}{200}$	$\Phi_{200}^9\ \Phi_{40}^9\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
44797	909	1792	$\frac{13}{896}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{883}{1792}$	$\Phi_{1792}\ \Phi_{256}\ \Phi_{16}\ \Phi_8\ \Phi_1$
44798	909	990	$\frac{2}{99}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{97}{198}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
44799	909	592	$\frac{7}{296}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{289}{592}$	$\Phi_{592}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
44800	909	680	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{35}{136}$	$\frac{33}{68}$	$\Phi_{680}^2\ \Phi_{170}^2\ \Phi_{136}\ \Phi_{85}^2\ \Phi_{40}^2\ \Phi_{34}\ \Phi_{17}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
44801	909	192	$\frac{5}{96}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{91}{192}$	$\Phi_{192}^9\ \Phi_{64}^9\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
44802	909	960	$\frac{5}{96}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{91}{192}$	$\Phi_{960}^2\ \Phi_{320}^2\ \Phi_{192}\ \Phi_{64}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
44803	909	320	$\frac{17}{320}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
44804	909	380	$\frac{1}{19}$	$\frac{6}{95}$	$\frac{1}{4}$	$\frac{89}{190}$	$\Phi_{380}^3\ \Phi_{95}^3\ \Phi_{76}^4\ \Phi_{38}\ \Phi_{20}^3\ \Phi_{19}^3\ \Phi_5^3\ \Phi_4^3\ \Phi_1^3$
44805	909	1672	$\frac{3}{76}$	$\frac{73}{836}$	$\frac{1}{4}$	$\frac{763}{1672}$	$\Phi_{1672}\ \Phi_{152}\ \Phi_{88}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_8\ \Phi_1$
44806	909	1200	$\frac{1}{50}$	$\frac{1}{8}$	$\frac{49}{150}$	$\frac{7}{16}$	$\Phi_{1200}^2\ \Phi_{240}^2\ \Phi_{150}\ \Phi_{75}\ \Phi_{48}^2\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_6\ \Phi_3\ \Phi_1$
44807	909	208	$\frac{3}{104}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{208}^8\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}^5\ \Phi_{13}\ \Phi_8\ \Phi_1$
44808	909	1680	$\frac{4}{105}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{105}\ \Phi_{48}\ \Phi_{35}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_7\ \Phi_3\ \Phi_1$
44809	909	2000	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{24}{125}$	$\frac{7}{16}$	$\Phi_{2000}\ \Phi_{125}\ \Phi_{16}\ \Phi_1$
44810	909	240	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{19}{120}$	$\frac{7}{16}$	$\Phi_{240}^8\ \Phi_{120}\ \Phi_{80}^4\ \Phi_{60}\ \Phi_{48}^8\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}^5\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
44811	909	880	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{880}^2\ \Phi_{176}^2\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
44812	909	532	$\frac{1}{38}$	$\frac{37}{266}$	$\frac{1}{4}$	$\frac{229}{532}$	$\Phi_{532}\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{28}\ \Phi_{19}^3\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
44813	909	540	$\frac{7}{108}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}\ \Phi_{90}^2\ \Phi_{54}\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
44814	909	928	$\frac{19}{928}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{928}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{29}\ \Phi_{16}\ \Phi_8\ \Phi_1$
44815	909	170	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{16}{85}$	$\frac{69}{170}$	$\Phi_{170}^5\ \Phi_{85}^6\ \Phi_{34}^5\ \Phi_{17}^5\ \Phi_{10}^4\ \Phi_5^5\ \Phi_2^4\ \Phi_1^5$
44816	909	1520	$\frac{3}{152}$	$\frac{149}{760}$	$\frac{1}{4}$	$\frac{611}{1520}$	$\Phi_{1520}\ \Phi_{304}\ \Phi_{152}\ \Phi_{80}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_8\ \Phi_1$
44817	909	105	$\frac{4}{105}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{105}^9\ \Phi_{35}^8\ \Phi_{21}^9\ \Phi_{15}^9\ \Phi_7^7\ \Phi_5^9\ \Phi_3^9\ \Phi_1^9$
44818	909	152	$\frac{1}{76}$	$\frac{1}{4}$	$\frac{25}{76}$	$\frac{51}{152}$	$\Phi_{152}^9\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
44819	909	660	$\frac{2}{33}$	$\frac{1}{10}$	$\frac{31}{132}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{11}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
44820	909	540	$\frac{7}{108}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}^2\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
44821	909	300	$\frac{1}{50}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{49}{150}$	$\Phi_{300}^4\ \Phi_{150}^5\ \Phi_{75}^5\ \Phi_{60}^4\ \Phi_{30}^5\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
44822	909	448	$\frac{13}{448}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{145}{448}$	$\Phi_{448}^2\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{64}^2\ \Phi_{56}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
44823	909	228	$\frac{1}{19}$	$\frac{13}{114}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{228}^6\ \Phi_{114}^3\ \Phi_{76}^4\ \Phi_{57}^3\ \Phi_{38}\ \Phi_{19}^3\ \Phi_{12}^6\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
44824	909	112	$\frac{1}{16}$	$\frac{11}{112}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{112}^9\ \Phi_{56}^9\ \Phi_{28}^9\ \Phi_{16}^3\ \Phi_{14}^9\ \Phi_8^3\ \Phi_7^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
44825	909	144	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{43}{144}$	$\Phi_{144}^9\ \Phi_{72}^9\ \Phi_{36}^9\ \Phi_{18}^9\ \Phi_{16}^3\ \Phi_9^9\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
44826	909	720	$\frac{1}{10}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{144}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{180}^2\ \Phi_{144}\ \Phi_{90}^2\ \Phi_{72}\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
44827	909	104	$\frac{3}{104}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{104}^9\ \Phi_{52}^9\ \Phi_{26}^9\ \Phi_{13}^9\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
44828	909	400	$\frac{3}{100}$	$\frac{97}{400}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
44829	909	420	$\frac{4}{105}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^3\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
44830	909	500	$\frac{1}{25}$	$\frac{24}{125}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{500}^2\ \Phi_{250}^2\ \Phi_{125}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
44831	909	120	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{120}^9\ \Phi_{60}^9\ \Phi_{40}^9\ \Phi_{30}^9\ \Phi_{24}^9\ \Phi_{15}^9\ \Phi_{12}^9\ \Phi_8^9\ \Phi_6^9\ \Phi_4^2\ \Phi_3^9\ \Phi_2^2\ \Phi_1^3$
44832	909	320	$\frac{17}{320}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
44833	909	220	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{220}^4\ \Phi_{110}^5\ \Phi_{55}^5\ \Phi_{44}^4\ \Phi_{22}^5\ \Phi_{11}^5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
44834	909	128	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{27}{128}$	$\frac{1}{4}$	$\Phi_{128}^9\ \Phi_{64}^9\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
44835	909	320	$\frac{17}{320}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{64}^2\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
44836	909	380	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{77}{380}$	$\frac{1}{4}$	$\Phi_{380}^2\ \Phi_{190}^2\ \Phi_{95}^3\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{20}^2\ \Phi_{19}^3\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
44837	909	1120	$\frac{13}{224}$	$\frac{3}{16}$	$\frac{211}{1120}$	$\frac{1}{4}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
44838	909	112	$\frac{11}{112}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{112}^8\ \Phi_{56}^8\ \Phi_{28}^8\ \Phi_{16}^9\ \Phi_{14}^8\ \Phi_8^9\ \Phi_7^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
44839	909	1024	$\frac{13}{128}$	$\frac{115}{1024}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_{16}\ \Phi_8\ \Phi_1$
44840	909	120	$\frac{1}{10}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{120}^7\ \Phi_{60}^7\ \Phi_{40}^7\ \Phi_{30}^9\ \Phi_{24}^8\ \Phi_{20}^7\ \Phi_{15}^9\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_8^8\ \Phi_6^9\ \Phi_5^8\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
44841	910	906	$\frac{2}{453}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{451}{906}$	$\Phi_{906}^2\ \Phi_{302}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
44842	910	1448	$\frac{1}{181}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{90}{181}$	$\Phi_{1448}\ \Phi_{181}\ \Phi_8^2\ \Phi_1^2$
44843	910	1824	$\frac{1}{152}$	$\frac{153}{608}$	$\frac{1}{3}$	$\frac{151}{304}$	$\Phi_{1824}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}\ \Phi_{57}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
44844	910	2712	$\frac{3}{452}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{449}{904}$	$\Phi_{2712}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
44845	910	516	$\frac{1}{129}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{64}{129}$	$\Phi_{516}^3\ \Phi_{172}^3\ \Phi_{129}\ \Phi_{43}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
44846	910	387	$\frac{1}{129}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{64}{129}$	$\Phi_{387}^3\ \Phi_{129}\ \Phi_{43}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
44847	910	808	$\frac{1}{101}$	$\frac{51}{404}$	$\frac{353}{808}$	$\frac{50}{101}$	$\Phi_{808}^2\ \Phi_{101}\ \Phi_8^2\ \Phi_1^2$
44848	910	606	$\frac{1}{101}$	$\frac{151}{606}$	$\frac{51}{202}$	$\frac{50}{101}$	$\Phi_{606}^2\ \Phi_{303}^2\ \Phi_{101}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
44849	910	180	$\frac{1}{90}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{89}{180}$	$\Phi_{180}^{10}\ \Phi_{60}^{10}\ \Phi_{36}^{10}\ \Phi_{20}^{10}\ \Phi_{12}^{10}\ \Phi_9\ \Phi_4^{10}\ \Phi_3\ \Phi_1^2$
44850	910	180	$\frac{1}{90}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{89}{180}$	$\Phi_{180}^{10}\ \Phi_{60}^{10}\ \Phi_{36}^{10}\ \Phi_{20}^{10}\ \Phi_{12}^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
44851	910	552	$\frac{1}{69}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{34}{69}$	$\Phi_{552}^3\ \Phi_{184}^3\ \Phi_{69}\ \Phi_{24}^4\ \Phi_{23}\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
44852	910	345	$\frac{1}{69}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{34}{69}$	$\Phi_{345}^3\ \Phi_{115}^3\ \Phi_{69}\ \Phi_{23}\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
44853	910	414	$\frac{1}{69}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{34}{69}$	$\Phi_{414}^3\ \Phi_{207}^3\ \Phi_{69}\ \Phi_{23}\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
44854	910	1104	$\frac{1}{69}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{34}{69}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{184}\ \Phi_{69}\ \Phi_{48}\ \Phi_{24}\ \Phi_{23}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
44855	910	1664	$\frac{1}{64}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{63}{128}$	$\Phi_{1664}\ \Phi_{128}^2\ \Phi_{13}\ \Phi_1^2$
44856	910	384	$\frac{1}{64}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{63}{128}$	$\Phi_{384}^7\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
44857	910	366	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{31}{122}$	$\frac{30}{61}$	$\Phi_{366}^3\ \Phi_{183}^3\ \Phi_{122}\ \Phi_{61}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
44858	910	891	$\frac{19}{891}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{436}{891}$	$\Phi_{891}\ \Phi_{297}\ \Phi_{99}\ \Phi_{81}\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{11}\ \Phi_9\ \Phi_3\ \Phi_1^2$
44859	910	888	$\frac{11}{444}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{433}{888}$	$\Phi_{888}^2\ \Phi_{296}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
44860	910	612	$\frac{4}{153}$	$\frac{1}{9}$	$\frac{157}{612}$	$\frac{149}{306}$	$\Phi_{612}^2\ \Phi_{204}^2\ \Phi_{153}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{36}^2\ \Phi_{17}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
44861	910	1700	$\frac{1}{34}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{33}{68}$	$\Phi_{1700}\ \Phi_{340}\ \Phi_{100}\ \Phi_{68}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
44862	910	1428	$\frac{1}{34}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{1428}^2\ \Phi_{204}\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
44863	910	1020	$\frac{1}{34}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{33}{68}$	$\Phi_{1020}^2\ \Phi_{340}\ \Phi_{204}^2\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
44864	910	630	$\frac{2}{63}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{630}^3\ \Phi_{210}^3\ \Phi_{126}^2\ \Phi_{90}^3\ \Phi_{70}^3\ \Phi_{42}^2\ \Phi_{30}^3\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
44865	910	176	$\frac{3}{88}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{85}{176}$	$\Phi_{176}^{10}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}^{10}$
44866	910	1275	$\frac{1}{25}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{12}{25}$	$\Phi_{1275}\ \Phi_{255}\ \Phi_{75}\ \Phi_{51}^2\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
44867	910	425	$\frac{1}{25}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{12}{25}$	$\Phi_{425}^2\ \Phi_{85}^2\ \Phi_{25}^3\ \Phi_{17}^4\ \Phi_5^3\ \Phi_1^6$
44868	910	600	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{12}{25}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}^2\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
44869	910	2622	$\frac{18}{437}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{419}{874}$	$\Phi_{2622}\ \Phi_{138}\ \Phi_{114}\ \Phi_{57}\ \Phi_6$
44870	910	96	$\frac{1}{24}$	$\frac{5}{96}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{96}^{10}\ \Phi_{48}^8\ \Phi_{32}^{10}\ \Phi_{24}^{10}\ \Phi_{16}^8\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
44871	910	1320	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{10}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
44872	910	864	$\frac{1}{24}$	$\frac{23}{432}$	$\frac{1}{3}$	$\frac{409}{864}$	$\Phi_{864}^2\ \Phi_{288}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
44873	910	864	$\frac{23}{432}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{409}{864}$	$\Phi_{864}^2\ \Phi_{288}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
44874	910	594	$\frac{1}{27}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{594}^3\ \Phi_{198}^3\ \Phi_{66}^2\ \Phi_{54}^3\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
44875	910	303	$\frac{19}{303}$	$\frac{23}{303}$	$\frac{56}{303}$	$\frac{142}{303}$	$\Phi_{303}^3\ \Phi_{101}^3\ \Phi_3^3\ \Phi_1^4$
44876	910	171	$\frac{2}{57}$	$\frac{11}{171}$	$\frac{1}{3}$	$\frac{80}{171}$	$\Phi_{171}^5\ \Phi_{57}^6\ \Phi_{19}^6\ \Phi_9^5\ \Phi_3^5\ \Phi_1^6$
44877	910	909	$\frac{61}{909}$	$\frac{97}{909}$	$\frac{116}{909}$	$\frac{424}{909}$	$\Phi_{909}\ \Phi_{303}\ \Phi_{101}\ \Phi_9\ \Phi_3\ \Phi_1^2$
44878	910	1048	$\frac{9}{131}$	$\frac{14}{131}$	$\frac{1}{8}$	$\frac{61}{131}$	$\Phi_{1048}\ \Phi_{524}\ \Phi_{262}$
44879	910	366	$\frac{13}{183}$	$\frac{14}{183}$	$\frac{1}{6}$	$\frac{85}{183}$	$\Phi_{366}^3\ \Phi_{183}^2\ \Phi_{122}^3\ \Phi_{61}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
44880	910	1248	$\frac{1}{32}$	$\frac{1}{13}$	$\frac{31}{96}$	$\frac{6}{13}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{96}^2\ \Phi_{78}\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{24}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
44881	910	884	$\frac{3}{68}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{884}\ \Phi_{442}\ \Phi_{221}\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{13}\ \Phi_1^2$
44882	910	208	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{3}{16}$	$\frac{6}{13}$	$\Phi_{208}^4\ \Phi_{104}^4\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{16}^8\ \Phi_{13}^5\ \Phi_8^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{10}$
44883	910	546	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}\ \Phi_{91}\ \Phi_{78}\ \Phi_{42}^4\ \Phi_{39}\ \Phi_{21}^4\ \Phi_{14}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
44884	910	936	$\frac{1}{13}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{6}{13}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}^2\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
44885	910	72	$\frac{1}{36}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{72}^{24}\ \Phi_{36}^2\ \Phi_{24}^{22}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^{22}\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
44886	910	432	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{432}^3\ \Phi_{144}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{48}^2\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
44887	910	552	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{11}{46}$	$\frac{11}{24}$	$\Phi_{552}^3\ \Phi_{184}^3\ \Phi_{46}^2\ \Phi_{24}^4\ \Phi_{23}\ \Phi_8^4\ \Phi_2^2\ \Phi_1^2$
44888	910	552	$\frac{4}{69}$	$\frac{1}{12}$	$\frac{13}{69}$	$\frac{11}{24}$	$\Phi_{552}^3\ \Phi_{184}^3\ \Phi_{69}\ \Phi_{24}^4\ \Phi_{23}\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
44889	910	120	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{120}^{15}\ \Phi_{40}^{15}\ \Phi_{30}^3\ \Phi_{24}^{10}\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_8^{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
44890	910	552	$\frac{1}{12}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{11}{24}$	$\Phi_{552}^3\ \Phi_{184}^3\ \Phi_{24}^4\ \Phi_{23}^3\ \Phi_8^4\ \Phi_1^4$
44891	910	264	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{264}^3\ \Phi_{132}^4\ \Phi_{88}^4\ \Phi_{66}^4\ \Phi_{44}^5\ \Phi_{33}^4\ \Phi_{22}^5\ \Phi_{11}^4$
44892	910	2508	$\frac{1}{38}$	$\frac{37}{418}$	$\frac{1}{3}$	$\frac{381}{836}$	$\Phi_{2508}\ \Phi_{228}\ \Phi_{132}\ \Phi_{114}\ \Phi_{57}\ \Phi_{12}\ \Phi_6$
44893	910	101	$\frac{9}{101}$	$\frac{10}{101}$	$\frac{11}{101}$	$\frac{46}{101}$	$\Phi_{101}^9\ \Phi_1^{10}$
44894	910	1728	$\frac{1}{27}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
44895	910	279	$\frac{2}{93}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{279}^3\ \Phi_{93}^4\ \Phi_{31}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
44896	910	135	$\frac{1}{45}$	$\frac{1}{9}$	$\frac{44}{135}$	$\frac{4}{9}$	$\Phi_{135}^{10}\ \Phi_{27}^{10}\ \Phi_9\ \Phi_3\ \Phi_1^2$
44897	910	36	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{36}^{26}\ \Phi_{18}^{24}\ \Phi_{12}^{26}\ \Phi_9^{25}\ \Phi_6^{24}\ \Phi_4^{26}\ \Phi_3^{25}\ \Phi_2^{24}\ \Phi_1^{26}$
44898	910	360	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{29}{120}$	$\frac{4}{9}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^4\ \Phi_{72}^3\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{36}^3\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_9\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
44899	910	855	$\frac{4}{95}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{171}\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{19}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
44900	910	288	$\frac{5}{96}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^4\ \Phi_{72}^3\ \Phi_{48}^4\ \Phi_{36}^3\ \Phi_{32}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_9\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
44901	910	108	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{17}{108}$	$\frac{4}{9}$	$\Phi_{108}^{10}\ \Phi_{54}^{10}\ \Phi_{36}^{10}\ \Phi_{27}^{10}\ \Phi_{12}^{10}\ \Phi_9\ \Phi_4^{10}\ \Phi_3\ \Phi_1^2$
44902	910	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{4}{9}$	$\Phi_{45}^{18}\ \Phi_{15}^{24}\ \Phi_9^{19}\ \Phi_5^{24}\ \Phi_3^{25}\ \Phi_1^{26}$
44903	910	504	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}\ \Phi_{84}^2\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}^4\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}^4\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_9\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
44904	910	99	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{99}^{10}\ \Phi_{33}^{10}\ \Phi_{11}^{10}\ \Phi_9\ \Phi_3\ \Phi_1^2$
44905	910	900	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{36}\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
44906	910	303	$\frac{13}{303}$	$\frac{35}{303}$	$\frac{58}{303}$	$\frac{134}{303}$	$\Phi_{303}^3\ \Phi_{101}^3\ \Phi_3^3\ \Phi_1^4$
44907	910	1392	$\frac{9}{464}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
44908	910	994	$\frac{1}{14}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{31}{71}$	$\Phi_{994}\ \Phi_{497}\ \Phi_{142}$
44909	910	909	$\frac{62}{909}$	$\frac{103}{909}$	$\frac{121}{909}$	$\frac{394}{909}$	$\Phi_{909}\ \Phi_{303}\ \Phi_{101}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
44910	910	366	$\frac{8}{183}$	$\frac{25}{183}$	$\frac{1}{6}$	$\frac{79}{183}$	$\Phi_{366}^3\ \Phi_{183}^2\ \Phi_{122}^3\ \Phi_{61}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
44911	910	114	$\frac{1}{57}$	$\frac{8}{57}$	$\frac{1}{3}$	$\frac{49}{114}$	$\Phi_{114}^{14}\ \Phi_{57}^2\ \Phi_{38}^{14}\ \Phi_{19}^2\ \Phi_{6}^{14}\ \Phi_{3}\ \Phi_{2}^{14}\ \Phi_{1}^2$
44912	910	486	$\frac{31}{486}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{486}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
44913	910	132	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{132}^{12}\ \Phi_{66}^2\ \Phi_{44}^{12}\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{12}^{10}\ \Phi_{11}^2\ \Phi_{6}^2\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
44914	910	516	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{21}{86}$	$\frac{5}{12}$	$\Phi_{516}^3\ \Phi_{172}^3\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{12}^4\ \Phi_{4}^4\ \Phi_{2}^2\ \Phi_{1}^2$
44915	910	516	$\frac{4}{129}$	$\frac{1}{6}$	$\frac{25}{129}$	$\frac{5}{12}$	$\Phi_{516}^3\ \Phi_{172}^3\ \Phi_{129}\ \Phi_{43}\ \Phi_{12}^4\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{1}^2$
44916	910	108	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{108}^{15}\ \Phi_{54}^3\ \Phi_{36}^{15}\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_{12}^{10}\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
44917	910	360	$\frac{1}{15}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^2\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
44918	910	516	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{516}^3\ \Phi_{172}^3\ \Phi_{43}^3\ \Phi_{12}^4\ \Phi_{4}^4\ \Phi_{1}^4$
44919	910	924	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{924}^2\ \Phi_{308}^2\ \Phi_{154}\ \Phi_{132}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}$
44920	910	909	$\frac{41}{909}$	$\frac{124}{909}$	$\frac{157}{909}$	$\frac{376}{909}$	$\Phi_{909}\ \Phi_{303}\ \Phi_{101}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
44921	910	330	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{330}^5\ \Phi_{165}\ \Phi_{110}^5\ \Phi_{66}^5\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}^5\ \Phi_{10}^5\ \Phi_{6}^5$
44922	910	994	$\frac{1}{14}$	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{29}{71}$	$\Phi_{994}\ \Phi_{497}\ \Phi_{142}$
44923	910	909	$\frac{64}{909}$	$\frac{77}{909}$	$\frac{169}{909}$	$\frac{370}{909}$	$\Phi_{909}\ \Phi_{303}\ \Phi_{101}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
44924	910	101	$\frac{6}{101}$	$\frac{10}{101}$	$\frac{19}{101}$	$\frac{41}{101}$	$\Phi_{101}^9\ \Phi_{1}^{10}$
44925	910	153	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{29}{153}$	$\frac{62}{153}$	$\Phi_{153}^6\ \Phi_{51}^6\ \Phi_{17}^6\ \Phi_{9}^5\ \Phi_{3}^5\ \Phi_{1}^6$
44926	910	1048	$\frac{6}{131}$	$\frac{1}{8}$	$\frac{25}{131}$	$\frac{53}{131}$	$\Phi_{1048}\ \Phi_{524}\ \Phi_{262}$
44927	910	456	$\frac{1}{76}$	$\frac{15}{76}$	$\frac{1}{3}$	$\frac{61}{152}$	$\Phi_{456}^5\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{24}^5\ \Phi_{12}\ \Phi_{6}$
44928	910	330	$\frac{1}{66}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{330}^3\ \Phi_{165}^3\ \Phi_{110}^3\ \Phi_{66}^2\ \Phi_{55}^3\ \Phi_{33}^2\ \Phi_{30}^3\ \Phi_{22}^2\ \Phi_{15}^3\ \Phi_{11}^2\ \Phi_{10}\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^2$
44929	910	552	$\frac{1}{92}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{552}^4\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{24}^3\ \Phi_{12}\ \Phi_{6}$
44930	910	1448	$\frac{6}{181}$	$\frac{25}{181}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1448}\ \Phi_{181}\ \Phi_{8}^2\ \Phi_{1}^2$
44931	910	216	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^4\ \Phi_{108}^5\ \Phi_{72}^4\ \Phi_{54}^5\ \Phi_{36}^5\ \Phi_{27}^4\ \Phi_{24}^4\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_{9}^4\ \Phi_{6}^5\ \Phi_{3}^4$
44932	910	1056	$\frac{5}{96}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
44933	910	1448	$\frac{12}{181}$	$\frac{13}{181}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1448}\ \Phi_{181}\ \Phi_{8}^2\ \Phi_{1}^2$
44934	910	840	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{10}\ \Phi_{6}$
44935	910	101	$\frac{3}{101}$	$\frac{14}{101}$	$\frac{29}{101}$	$\frac{36}{101}$	$\Phi_{101}^9\ \Phi_{1}^{10}$
44936	910	54	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{54}^{26}\ \Phi_{27}^8\ \Phi_{18}^{26}\ \Phi_{9}^7\ \Phi_{6}^{26}\ \Phi_{3}^7\ \Phi_{2}^{26}\ \Phi_{1}^8$
44937	910	1518	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{1518}\ \Phi_{506}\ \Phi_{253}\ \Phi_{66}\ \Phi_{22}$
44938	910	684	$\frac{1}{114}$	$\frac{113}{342}$	$\frac{1}{3}$	$\frac{229}{684}$	$\Phi_{684}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{36}^2\ \Phi_{19}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
44939	910	198	$\frac{1}{66}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{198}^6\ \Phi_{99}^6\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^6\ \Phi_{11}^2\ \Phi_{9}^4\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
44940	910	186	$\frac{2}{93}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{186}^6\ \Phi_{93}^4\ \Phi_{62}^6\ \Phi_{31}^4\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
44941	910	180	$\frac{1}{36}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^6\ \Phi_{45}^6\ \Phi_{36}^2\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{18}^2\ \Phi_{15}^4\ \Phi_{12}^2\ \Phi_{10}^6\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{5}^4\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
44942	910	387	$\frac{2}{129}$	$\frac{2}{9}$	$\frac{127}{387}$	$\frac{1}{3}$	$\Phi_{387}^2\ \Phi_{129}^3\ \Phi_{43}^3\ \Phi_{9}^3\ \Phi_{3}^3\ \Phi_{1}^4$
44943	910	270	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{44}{135}$	$\frac{1}{3}$	$\Phi_{270}^6\ \Phi_{135}^4\ \Phi_{54}^6\ \Phi_{27}^4\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
44944	910	96	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{31}{96}$	$\frac{1}{3}$	$\Phi_{96}^7\ \Phi_{48}^7\ \Phi_{32}^{14}\ \Phi_{24}^8\ \Phi_{16}^{14}\ \Phi_{12}^8\ \Phi_{8}^{14}\ \Phi_{6}^8\ \Phi_{4}^{14}\ \Phi_{3}^7\ \Phi_{2}^{14}\ \Phi_{1}^{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
44945	910	513	$\frac{2}{57}$	$\frac{58}{513}$	$\frac{55}{171}$	$\frac{1}{3}$	$\Phi_{513}^{2}\ \Phi_{171}\ \Phi_{57}^{2}\ \Phi_{27}^{2}\ \Phi_{19}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
44946	910	72	$\frac{1}{24}$	$\frac{7}{72}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{72}^{12}\ \Phi_{36}^{12}\ \Phi_{24}^{14}\ \Phi_{18}^{12}\ \Phi_{12}^{14}\ \Phi_{9}^{12}\ \Phi_{8}^{14}\ \Phi_{6}^{14}\ \Phi_{4}^{14}\ \Phi_{3}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
44947	910	714	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{714}\ \Phi_{357}\ \Phi_{238}^{2}\ \Phi_{119}^{2}\ \Phi_{102}\ \Phi_{42}^{2}\ \Phi_{34}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
44948	910	648	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{193}{648}$	$\frac{1}{3}$	$\Phi_{648}^{2}\ \Phi_{324}^{2}\ \Phi_{162}^{2}\ \Phi_{81}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
44949	910	36	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{36}^{26}\ \Phi_{18}^{24}\ \Phi_{12}^{26}\ \Phi_{9}^{24}\ \Phi_{6}^{26}\ \Phi_{4}^{26}\ \Phi_{3}^{25}\ \Phi_{2}^{26}\ \Phi_{1}^{26}$
44950	910	144	$\frac{1}{36}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{144}^{8}\ \Phi_{72}^{8}\ \Phi_{48}^{7}\ \Phi_{36}^{2}\ \Phi_{24}^{7}\ \Phi_{18}^{2}\ \Phi_{16}^{8}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{8}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
44951	910	408	$\frac{3}{68}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{408}^{4}\ \Phi_{204}^{3}\ \Phi_{102}^{3}\ \Phi_{51}^{3}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
44952	910	774	$\frac{1}{43}$	$\frac{2}{9}$	$\frac{21}{86}$	$\frac{1}{3}$	$\Phi_{774}^{2}\ \Phi_{387}\ \Phi_{86}^{2}\ \Phi_{43}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
44953	910	120	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{29}{120}$	$\frac{1}{3}$	$\Phi_{120}^{10}\ \Phi_{60}^{10}\ \Phi_{40}^{10}\ \Phi_{24}^{10}\ \Phi_{20}^{10}\ \Phi_{12}^{10}\ \Phi_{8}^{10}\ \Phi_{6}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
44954	910	690	$\frac{1}{23}$	$\frac{2}{15}$	$\frac{11}{46}$	$\frac{1}{3}$	$\Phi_{690}^{2}\ \Phi_{345}\ \Phi_{230}^{2}\ \Phi_{115}\ \Phi_{46}^{2}\ \Phi_{30}^{2}\ \Phi_{23}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
44955	910	420	$\frac{1}{15}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{3}\ \Phi_{84}^{2}\ \Phi_{70}^{3}\ \Phi_{60}^{3}\ \Phi_{42}^{2}\ \Phi_{30}^{3}\ \Phi_{28}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
44956	910	387	$\frac{4}{129}$	$\frac{25}{129}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{387}^{3}\ \Phi_{129}\ \Phi_{43}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
44957	910	54	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{54}^{21}\ \Phi_{27}^{14}\ \Phi_{18}^{18}\ \Phi_{9}^{12}\ \Phi_{6}^{20}\ \Phi_{3}^{13}\ \Phi_{2}^{20}\ \Phi_{1}^{14}$
44958	910	360	$\frac{1}{15}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{72}^{2}\ \Phi_{60}^{3}\ \Phi_{40}^{3}\ \Phi_{36}^{2}\ \Phi_{30}^{3}\ \Phi_{24}^{2}\ \Phi_{20}^{3}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
44959	910	387	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{387}^{3}\ \Phi_{43}^{3}\ \Phi_{9}^{4}\ \Phi_{1}^{4}$
44960	910	1386	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{198}\ \Phi_{154}\ \Phi_{77}\ \Phi_{22}$
44961	910	96	$\frac{5}{96}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{96}^{9}\ \Phi_{48}^{9}\ \Phi_{32}^{10}\ \Phi_{24}^{10}\ \Phi_{16}^{10}\ \Phi_{12}^{10}\ \Phi_{8}^{10}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{9}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
44962	910	576	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{121}{576}$	$\frac{1}{3}$	$\Phi_{576}^{2}\ \Phi_{288}^{2}\ \Phi_{192}^{2}\ \Phi_{96}^{2}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
44963	910	114	$\frac{2}{57}$	$\frac{11}{57}$	$\frac{23}{114}$	$\frac{1}{3}$	$\Phi_{114}^{10}\ \Phi_{57}^{6}\ \Phi_{38}^{10}\ \Phi_{19}^{6}\ \Phi_{6}^{10}\ \Phi_{3}^{5}\ \Phi_{2}^{10}\ \Phi_{1}^{6}$
44964	910	570	$\frac{4}{95}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{570}^{2}\ \Phi_{285}\ \Phi_{190}^{2}\ \Phi_{114}^{2}\ \Phi_{95}^{2}\ \Phi_{57}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
44965	910	450	$\frac{2}{45}$	$\frac{1}{6}$	$\frac{43}{225}$	$\frac{1}{3}$	$\Phi_{450}^{3}\ \Phi_{225}^{2}\ \Phi_{150}^{3}\ \Phi_{75}^{2}\ \Phi_{50}^{3}\ \Phi_{25}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
44966	910	345	$\frac{4}{69}$	$\frac{2}{15}$	$\frac{13}{69}$	$\frac{1}{3}$	$\Phi_{345}^{3}\ \Phi_{115}^{3}\ \Phi_{69}\ \Phi_{23}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
44967	910	48	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{3}$	$\Phi_{48}^{28}\ \Phi_{24}^{29}\ \Phi_{12}^{29}\ \Phi_{6}^{29}\ \Phi_{3}^{28}$
44968	910	456	$\frac{31}{456}$	$\frac{53}{456}$	$\frac{85}{456}$	$\frac{1}{3}$	$\Phi_{456}^{2}\ \Phi_{228}^{2}\ \Phi_{152}^{2}\ \Phi_{114}^{2}\ \Phi_{76}^{2}\ \Phi_{57}^{2}\ \Phi_{38}^{2}\ \Phi_{24}^{2}\ \Phi_{19}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
44969	910	714	$\frac{1}{14}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{714}^{2}\ \Phi_{357}^{2}\ \Phi_{102}^{2}\ \Phi_{42}^{3}\ \Phi_{21}^{3}\ \Phi_{6}^{3}$
44970	910	456	$\frac{29}{456}$	$\frac{61}{456}$	$\frac{79}{456}$	$\frac{1}{3}$	$\Phi_{456}^{2}\ \Phi_{228}^{2}\ \Phi_{152}^{2}\ \Phi_{114}^{2}\ \Phi_{76}^{2}\ \Phi_{57}^{2}\ \Phi_{38}^{2}\ \Phi_{24}^{2}\ \Phi_{19}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
44971	910	96	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{96}^{10}\ \Phi_{48}^{10}\ \Phi_{32}^{10}\ \Phi_{24}^{10}\ \Phi_{16}^{10}\ \Phi_{12}^{10}\ \Phi_{8}^{10}\ \Phi_{6}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
44972	910	108	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{108}^{10}\ \Phi_{54}^{10}\ \Phi_{36}^{10}\ \Phi_{27}^{10}\ \Phi_{12}^{10}\ \Phi_{6}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
44973	910	30	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{30}^{36}\ \Phi_{15}^{24}\ \Phi_{10}^{36}\ \Phi_{6}^{38}\ \Phi_{5}^{24}\ \Phi_{3}^{25}\ \Phi_{2}^{38}\ \Phi_{1}^{26}$
44974	910	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{168}^{6}\ \Phi_{84}^{6}\ \Phi_{56}^{8}\ \Phi_{42}^{3}\ \Phi_{28}^{8}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
44975	910	198	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{198}^{6}\ \Phi_{99}^{4}\ \Phi_{66}^{6}\ \Phi_{33}^{4}\ \Phi_{22}^{6}\ \Phi_{11}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
44976	910	300	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{300}^{3}\ \Phi_{150}^{3}\ \Phi_{100}^{4}\ \Phi_{75}^{3}\ \Phi_{60}^{3}\ \Phi_{50}^{4}\ \Phi_{25}^{4}\ \Phi_{20}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
44977	910	228	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{11}{76}$	$\frac{1}{3}$	$\Phi_{228}^{7}\ \Phi_{114}^{5}\ \Phi_{57}^{5}\ \Phi_{12}^{7}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
44978	910	345	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{345}^{3}\ \Phi_{115}^{3}\ \Phi_{23}^{3}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
44979	910	1320	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
44980	910	72	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{72}^{14}\ \Phi_{36}^{14}\ \Phi_{24}^{8}\ \Phi_{18}^{14}\ \Phi_{12}^{8}\ \Phi_{9}^{14}\ \Phi_{8}^{14}\ \Phi_{6}^{8}\ \Phi_{4}^{14}\ \Phi_{3}^{7}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
44981	910	1536	$\frac{7}{64}$	$\frac{57}{512}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{384}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
44982	910	255	$\frac{1}{17}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{16}{51}$	$\Phi_{255}^{3}\ \Phi_{85}^{4}\ \Phi_{51}^{4}\ \Phi_{17}^{4}\ \Phi_{15}^{5}\ \Phi_{5}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
44983	910	132	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{132}^{10}\ \Phi_{66}^{10}\ \Phi_{44}\ \Phi_{33}^{10}\ \Phi_{22}\ \Phi_{12}^{10}\ \Phi_{6}^{10}\ \Phi_{3}^{10}$
44984	910	648	$\frac{23}{216}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{193}{648}$	$\Phi_{648}^{2}\ \Phi_{324}^{2}\ \Phi_{162}^{2}\ \Phi_{81}^{2}\ \Phi_{27}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
44985	910	486	$\frac{31}{486}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{486}^{2}\ \Phi_{243}^{2}\ \Phi_{162}^{2}\ \Phi_{81}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{9}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
44986	910	594	$\frac{19}{297}$	$\frac{1}{9}$	$\frac{139}{594}$	$\frac{8}{27}$	$\Phi_{594}^{2}\ \Phi_{297}\ \Phi_{198}^{2}\ \Phi_{99}\ \Phi_{66}^{2}\ \Phi_{54}^{2}\ \Phi_{33}\ \Phi_{27}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
44987	910	414	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{11}{46}$	$\frac{5}{18}$	$\Phi_{414}^{3}\ \Phi_{207}^{3}\ \Phi_{46}^{2}\ \Phi_{23}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
44988	910	414	$\frac{4}{69}$	$\frac{1}{6}$	$\frac{13}{69}$	$\frac{5}{18}$	$\Phi_{414}^{3}\ \Phi_{207}^{3}\ \Phi_{69}\ \Phi_{23}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
44989	910	90	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{90}^{15}\ \Phi_{45}^{15}\ \Phi_{30}^{3}\ \Phi_{18}^{10}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{10}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
44990	910	414	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{414}^{3}\ \Phi_{207}^{3}\ \Phi_{23}^{3}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{1}^{4}$
44991	910	792	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
44992	910	432	$\frac{1}{27}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{432}^{2}\ \Phi_{216}^{2}\ \Phi_{144}^{2}\ \Phi_{108}^{3}\ \Phi_{72}^{2}\ \Phi_{54}^{3}\ \Phi_{48}\ \Phi_{36}^{3}\ \Phi_{27}^{2}\ \Phi_{24}\ \Phi_{18}^{3}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
44993	910	368	$\frac{1}{23}$	$\frac{3}{16}$	$\frac{11}{46}$	$\frac{1}{4}$	$\Phi_{368}^{3}\ \Phi_{184}^{3}\ \Phi_{46}^{2}\ \Phi_{23}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
44994	910	1104	$\frac{4}{69}$	$\frac{3}{16}$	$\frac{13}{69}$	$\frac{1}{4}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{184}\ \Phi_{69}\ \Phi_{48}\ \Phi_{24}\ \Phi_{23}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
44995	910	240	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{240}^{5}\ \Phi_{120}^{5}\ \Phi_{80}^{5}\ \Phi_{48}^{3}\ \Phi_{40}^{5}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{4}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
44996	910	368	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{368}^{3}\ \Phi_{184}^{3}\ \Phi_{23}^{3}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{1}^{4}$
44997	910	176	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{176}^{7}\ \Phi_{88}^{4}\ \Phi_{44}^{5}\ \Phi_{22}^{5}\ \Phi_{11}^{4}$
44998	910	63	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{11}{63}$	$\frac{2}{9}$	$\Phi_{63}^{14}\ \Phi_{21}^{14}\ \Phi_{9}^{17}\ \Phi_{7}^{14}\ \Phi_{3}^{17}\ \Phi_{1}^{18}$
44999	910	108	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{17}{108}$	$\frac{23}{108}$	$\Phi_{108}^{8}\ \Phi_{54}^{8}\ \Phi_{36}^{8}\ \Phi_{27}^{10}\ \Phi_{18}^{8}\ \Phi_{12}^{8}\ \Phi_{9}^{9}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
45000	910	101	$\frac{10}{101}$	$\frac{16}{101}$	$\frac{17}{101}$	$\frac{21}{101}$	$\Phi_{101}^{9}\ \Phi_{1}^{10}$
45001	910	255	$\frac{2}{17}$	$\frac{2}{15}$	$\frac{3}{17}$	$\frac{1}{5}$	$\Phi_{255}^{4}\ \Phi_{85}^{2}\ \Phi_{51}^{4}\ \Phi_{17}^{4}\ \Phi_{15}^{6}\ \Phi_{5}^{3}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
45002	910	120	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{120}^{8}\ \Phi_{60}^{8}\ \Phi_{40}^{9}\ \Phi_{30}^{3}\ \Phi_{24}^{10}\ \Phi_{20}^{9}\ \Phi_{15}^{5}\ \Phi_{12}^{10}\ \Phi_{10}^{4}\ \Phi_{8}^{10}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{10}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
45003	911	1456	$\frac{1}{182}$	$\frac{183}{728}$	$\frac{545}{1456}$	$\frac{181}{364}$	$\Phi_{1456}\ \Phi_{364}\ \Phi_{208}\ \Phi_{112}\ \Phi_{52}\ \Phi_{28}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
45004	911	1560	$\frac{1}{130}$	$\frac{131}{780}$	$\frac{649}{1560}$	$\frac{129}{260}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{260}\ \Phi_{120}\ \Phi_{104}\ \Phi_{52}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
45005	911	1800	$\frac{11}{900}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{889}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
45006	911	1800	$\frac{11}{900}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{889}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
45007	911	1220	$\frac{4}{305}$	$\frac{1}{5}$	$\frac{309}{1220}$	$\frac{301}{610}$	$\Phi_{1220}\ \Phi_{305}\ \Phi_{244}\ \Phi_{61}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
45008	911	1680	$\frac{1}{70}$	$\frac{71}{840}$	$\frac{769}{1680}$	$\frac{69}{140}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{48}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
45009	911	1260	$\frac{1}{70}$	$\frac{71}{420}$	$\frac{349}{1260}$	$\frac{69}{140}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
45010	911	1120	$\frac{1}{70}$	$\frac{209}{1120}$	$\frac{71}{280}$	$\frac{69}{140}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
45011	911	1792	$\frac{15}{896}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{881}{1792}$	$\Phi_{1792}\ \Phi_{256}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
45012	911	1768	$\frac{27}{884}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{857}{1768}$	$\Phi_{1768}\ \Phi_{136}\ \Phi_{104}\ \Phi_{52}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
45013	911	1764	$\frac{29}{882}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{853}{1764}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{252}\ \Phi_{196}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
45014	911	1760	$\frac{31}{880}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{849}{1760}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
45015	911	1232	$\frac{13}{308}$	$\frac{1}{14}$	$\frac{321}{1232}$	$\frac{295}{616}$	$\Phi_{1232}\ \Phi_{308}\ \Phi_{176}\ \Phi_{154}\ \Phi_{112}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
45016	911	1716	$\frac{1}{26}$	$\frac{53}{858}$	$\frac{25}{78}$	$\frac{805}{1716}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{156}\ \Phi_{132}\ \Phi_{78}\ \Phi_{52}\ \Phi_{44}\ \Phi_{39}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
45017	911	1344	$\frac{15}{448}$	$\frac{1}{14}$	$\frac{433}{1344}$	$\frac{13}{28}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
45018	911	952	$\frac{41}{952}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{68}\ \Phi_{34}\ \Phi_{28}\ \Phi_{17}\ \Phi_{4}\ \Phi_{1}$
45019	911	1120	$\frac{15}{224}$	$\frac{1}{14}$	$\frac{209}{1120}$	$\frac{13}{28}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
45020	911	1008	$\frac{1}{14}$	$\frac{97}{1008}$	$\frac{15}{112}$	$\frac{13}{28}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
45021	911	1248	$\frac{1}{26}$	$\frac{25}{312}$	$\frac{337}{1248}$	$\frac{287}{624}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
45022	911	1680	$\frac{1}{35}$	$\frac{71}{840}$	$\frac{34}{105}$	$\frac{769}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{48}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
45023	911	1680	$\frac{1}{14}$	$\frac{71}{840}$	$\frac{13}{84}$	$\frac{769}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{84}\ \Phi_{80}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
45024	911	1664	$\frac{1}{26}$	$\frac{79}{832}$	$\frac{25}{104}$	$\frac{753}{1664}$	$\Phi_{1664}\ \Phi_{128}\ \Phi_{104}\ \Phi_{52}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
45025	911	1200	$\frac{11}{300}$	$\frac{1}{10}$	$\frac{289}{1200}$	$\frac{9}{20}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{120}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
45026	911	960	$\frac{49}{960}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
45027	911	1080	$\frac{11}{180}$	$\frac{1}{10}$	$\frac{169}{1080}$	$\frac{9}{20}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
45028	911	1000	$\frac{89}{1000}$	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{9}{20}$	$\Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
45029	911	1260	$\frac{1}{35}$	$\frac{34}{315}$	$\frac{349}{1260}$	$\frac{281}{630}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
45030	911	1008	$\frac{1}{14}$	$\frac{97}{1008}$	$\frac{13}{84}$	$\frac{71}{168}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
45031	911	1560	$\frac{1}{65}$	$\frac{131}{780}$	$\frac{64}{195}$	$\frac{649}{1560}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{195}\ \Phi_{120}\ \Phi_{104}\ \Phi_{40}\ \Phi_{39}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
45032	911	1560	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{131}{780}$	$\frac{649}{1560}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
45033	911	1540	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{141}{770}$	$\frac{629}{1540}$	$\Phi_{1540}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{140}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
45034	911	1300	$\frac{1}{65}$	$\frac{64}{325}$	$\frac{389}{1300}$	$\frac{261}{650}$	$\Phi_{1300}\ \Phi_{325}\ \Phi_{260}\ \Phi_{100}\ \Phi_{52}\ \Phi_{25}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
45035	911	960	$\frac{49}{960}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
45036	911	1040	$\frac{1}{26}$	$\frac{129}{1040}$	$\frac{25}{104}$	$\frac{79}{208}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{104}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
45037	911	930	$\frac{19}{930}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{930}\ \Phi_{465}\ \Phi_{310}\ \Phi_{186}\ \Phi_{155}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
45038	911	1404	$\frac{1}{26}$	$\frac{25}{234}$	$\frac{209}{702}$	$\frac{493}{1404}$	$\Phi_{1404}\ \Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{108}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
45039	911	1380	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{221}{690}$	$\frac{469}{1380}$	$\Phi_{1380}\ \Phi_{460}\ \Phi_{276}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}\ \Phi_{60}\ \Phi_{46}\ \Phi_{23}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
45040	911	1050	$\frac{1}{35}$	$\frac{139}{1050}$	$\frac{34}{105}$	$\frac{71}{210}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{175}\ \Phi_{150}\ \Phi_{105}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
45041	911	1170	$\frac{1}{65}$	$\frac{259}{1170}$	$\frac{64}{195}$	$\frac{131}{390}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{234}\ \Phi_{195}\ \Phi_{117}\ \Phi_{90}\ \Phi_{45}\ \Phi_{39}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
45042	911	1350	$\frac{11}{450}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{439}{1350}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{270}\ \Phi_{135}\ \Phi_{54}\ \Phi_{27}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
45043	911	1260	$\frac{1}{35}$	$\frac{71}{420}$	$\frac{349}{1260}$	$\frac{34}{105}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
45044	911	1320	$\frac{31}{440}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{409}{1320}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
45045	911	1008	$\frac{1}{14}$	$\frac{97}{1008}$	$\frac{29}{126}$	$\frac{13}{42}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
45046	911	1176	$\frac{1}{14}$	$\frac{29}{294}$	$\frac{265}{1176}$	$\frac{13}{42}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{196}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
45047	911	1260	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{71}{420}$	$\frac{349}{1260}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
45048	911	1248	$\frac{1}{26}$	$\frac{79}{416}$	$\frac{25}{104}$	$\frac{337}{1248}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
45049	911	945	$\frac{34}{945}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
45050	911	1200	$\frac{11}{300}$	$\frac{1}{5}$	$\frac{289}{1200}$	$\frac{4}{15}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{120}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
45051	911	1125	$\frac{11}{225}$	$\frac{214}{1125}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{125}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
45052	911	960	$\frac{49}{960}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
45053	911	1080	$\frac{11}{180}$	$\frac{169}{1080}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
45054	911	975	$\frac{64}{975}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{195}\ \Phi_{65}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}$
45055	911	1050	$\frac{11}{150}$	$\frac{139}{1050}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
45056	911	990	$\frac{79}{990}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}$
45057	912	681	$\frac{1}{227}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{113}{227}$	$\Phi_{681}\ \Phi_{227}^2\ \Phi_{3}^2\ \Phi_{1}^4$
45058	912	911	$\frac{5}{911}$	$\frac{229}{911}$	$\frac{341}{911}$	$\frac{453}{911}$	$\Phi_{911}\ \Phi_{1}^2$
45059	912	1371	$\frac{3}{457}$	$\frac{115}{457}$	$\frac{1}{3}$	$\frac{227}{457}$	Φ_{1371}
45060	912	755	$\frac{1}{151}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{75}{151}$	$\Phi_{755}\ \Phi_{151}^2\ \Phi_{5}^2\ \Phi_{1}^4$
45061	912	1812	$\frac{1}{151}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{75}{151}$	$\Phi_{1812}\ \Phi_{906}\ \Phi_{12}^2\ \Phi_{6}^2$
45062	912	911	$\frac{7}{911}$	$\frac{153}{911}$	$\frac{379}{911}$	$\frac{452}{911}$	$\Phi_{911}\ \Phi_{1}^2$
45063	912	791	$\frac{1}{113}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{56}{113}$	$\Phi_{791}\ \Phi_{113}^2\ \Phi_{7}^2\ \Phi_{1}^4$
45064	912	1695	$\frac{1}{113}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{56}{113}$	$\Phi_{1695}\ \Phi_{15}^2$
45065	912	1220	$\frac{3}{305}$	$\frac{1}{4}$	$\frac{77}{305}$	$\frac{151}{305}$	$\Phi_{1220}\ \Phi_{610}\ \Phi_{244}\ \Phi_{122}\ \Phi_{20}\ \Phi_{10}$
45066	912	911	$\frac{9}{911}$	$\frac{115}{911}$	$\frac{398}{911}$	$\frac{451}{911}$	$\Phi_{911}\ \Phi_{1}^2$
45067	912	911	$\frac{9}{911}$	$\frac{227}{911}$	$\frac{230}{911}$	$\frac{451}{911}$	$\Phi_{911}\ \Phi_{1}^2$
45068	912	1371	$\frac{5}{457}$	$\frac{77}{457}$	$\frac{1}{3}$	$\frac{226}{457}$	Φ_{1371}
45069	912	1145	$\frac{3}{229}$	$\frac{1}{5}$	$\frac{58}{229}$	$\frac{113}{229}$	Φ_{1145}
45070	912	825	$\frac{1}{75}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{37}{75}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{165}\ \Phi_{75}^2\ \Phi_{55}\ \Phi_{33}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
45071	912	525	$\frac{1}{75}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{37}{75}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_{7}^2$
45072	912	825	$\frac{1}{75}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{37}{75}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{165}\ \Phi_{75}^2\ \Phi_{55}\ \Phi_{33}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
45073	912	300	$\frac{1}{75}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{37}{75}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{60}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{20}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{2}^4$
45074	912	911	$\frac{13}{911}$	$\frac{77}{911}$	$\frac{417}{911}$	$\frac{449}{911}$	$\Phi_{911}\ \Phi_{1}^2$
45075	912	911	$\frac{13}{911}$	$\frac{170}{911}$	$\frac{231}{911}$	$\frac{449}{911}$	$\Phi_{911}\ \Phi_{1}^2$
45076	912	1371	$\frac{7}{457}$	$\frac{58}{457}$	$\frac{1}{3}$	$\frac{225}{457}$	Φ_{1371}
45077	912	732	$\frac{1}{61}$	$\frac{31}{183}$	$\frac{1}{4}$	$\frac{30}{61}$	$\Phi_{732}^2\ \Phi_{366}^2\ \Phi_{244}\ \Phi_{122}\ \Phi_{12}^2\ \Phi_{6}^2$
45078	912	1680	$\frac{1}{56}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{55}{112}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}^2\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
45079	912	1008	$\frac{1}{56}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{55}{112}$	$\Phi_{1008}^2\ \Phi_{336}\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{48}\ \Phi_{16}^2\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
45080	912	560	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{55}{112}$	$\Phi_{560}^3\ \Phi_{112}^4\ \Phi_{80}^3\ \Phi_{16}^4\ \Phi_{5}^3\ \Phi_{1}^4$
45081	912	911	$\frac{17}{911}$	$\frac{116}{911}$	$\frac{265}{911}$	$\frac{447}{911}$	$\Phi_{911}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
45082	912	357	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{13}{51}$	$\frac{25}{51}$	$\Phi_{357}^3\ \Phi_{119}^3\ \Phi_{21}^3\ \Phi_7^2$
45083	912	911	$\frac{19}{911}$	$\frac{155}{911}$	$\frac{189}{911}$	$\frac{446}{911}$	$\Phi_{911}\ \Phi_1^2$
45084	912	1692	$\frac{1}{47}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{23}{47}$	$\Phi_{1692}\ \Phi_{564}\ \Phi_{188}\ \Phi_{47}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
45085	912	987	$\frac{1}{47}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{987}\ \Phi_{329}\ \Phi_{47}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
45086	912	1269	$\frac{1}{47}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{23}{47}$	$\Phi_{1269}\ \Phi_{47}\ \Phi_{27}^2\ \Phi_1^2$
45087	912	1128	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{23}{47}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{376}\ \Phi_{188}\ \Phi_{47}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
45088	912	1145	$\frac{5}{229}$	$\frac{39}{229}$	$\frac{1}{5}$	$\frac{112}{229}$	Φ_{1145}
45089	912	1220	$\frac{7}{305}$	$\frac{39}{305}$	$\frac{1}{4}$	$\frac{149}{305}$	$\Phi_{1220}\ \Phi_{610}\ \Phi_{244}\ \Phi_{122}\ \Phi_{20}\ \Phi_{10}$
45090	912	911	$\frac{21}{911}$	$\frac{113}{911}$	$\frac{233}{911}$	$\frac{445}{911}$	$\Phi_{911}\ \Phi_1^2$
45091	912	1371	$\frac{11}{457}$	$\frac{39}{457}$	$\frac{1}{3}$	$\frac{223}{457}$	Φ_{1371}
45092	912	851	$\frac{1}{37}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{18}{37}$	$\Phi_{851}\ \Phi_{37}^2\ \Phi_{23}^2\ \Phi_1^4$
45093	912	1443	$\frac{1}{37}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{1443}\ \Phi_{39}^2$
45094	912	851	$\frac{1}{37}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{18}{37}$	$\Phi_{851}\ \Phi_{37}^2\ \Phi_{23}^2\ \Phi_1^4$
45095	912	1332	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{18}{37}$	$\Phi_{1332}\ \Phi_{666}\ \Phi_{444}\ \Phi_{222}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
45096	912	851	$\frac{1}{37}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{18}{37}$	$\Phi_{851}\ \Phi_{37}^2\ \Phi_{23}^2\ \Phi_1^4$
45097	912	1295	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{18}{37}$	$\Phi_{1295}\ \Phi_{35}^2$
45098	912	911	$\frac{25}{911}$	$\frac{39}{911}$	$\frac{436}{911}$	$\frac{443}{911}$	$\Phi_{911}\ \Phi_1^2$
45099	912	911	$\frac{33}{911}$	$\frac{59}{911}$	$\frac{284}{911}$	$\frac{439}{911}$	$\Phi_{911}\ \Phi_1^2$
45100	912	990	$\frac{2}{55}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{53}{110}$	$\Phi_{990}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_6^2$
45101	912	1001	$\frac{3}{77}$	$\frac{1}{13}$	$\frac{20}{77}$	$\frac{37}{77}$	$\Phi_{1001}\ \Phi_{143}\ \Phi_{91}$
45102	912	911	$\frac{37}{911}$	$\frac{79}{911}$	$\frac{208}{911}$	$\frac{437}{911}$	$\Phi_{911}\ \Phi_1^2$
45103	912	1380	$\frac{1}{23}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2$
45104	912	207	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{4}{23}$	$\frac{11}{23}$	$\Phi_{207}^5\ \Phi_{69}^5\ \Phi_9^4\ \Phi_3^4$
45105	912	911	$\frac{41}{911}$	$\frac{119}{911}$	$\frac{132}{911}$	$\frac{435}{911}$	$\Phi_{911}\ \Phi_1^2$
45106	912	1071	$\frac{7}{153}$	$\frac{20}{153}$	$\frac{1}{7}$	$\frac{73}{153}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{119}\ \Phi_{63}\ \Phi_{21}$
45107	912	911	$\frac{43}{911}$	$\frac{94}{911}$	$\frac{159}{911}$	$\frac{434}{911}$	$\Phi_{911}\ \Phi_1^2$
45108	912	1145	$\frac{11}{229}$	$\frac{20}{229}$	$\frac{1}{5}$	$\frac{109}{229}$	Φ_{1145}
45109	912	244	$\frac{3}{61}$	$\frac{4}{61}$	$\frac{1}{4}$	$\frac{29}{61}$	$\Phi_{244}^5\ \Phi_{122}^5\ \Phi_4^4\ \Phi_2^4$
45110	912	911	$\frac{45}{911}$	$\frac{56}{911}$	$\frac{239}{911}$	$\frac{433}{911}$	$\Phi_{911}\ \Phi_1^2$
45111	912	1371	$\frac{20}{457}$	$\frac{23}{457}$	$\frac{1}{3}$	$\frac{217}{457}$	Φ_{1371}
45112	912	900	$\frac{1}{25}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{900}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}$
45113	912	1692	$\frac{2}{47}$	$\frac{1}{18}$	$\frac{15}{47}$	$\frac{17}{36}$	$\Phi_{1692}\ \Phi_{564}\ \Phi_{188}\ \Phi_{47}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
45114	912	612	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{612}\ \Phi_{306}^2\ \Phi_{204}\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}^3\ \Phi_{17}^2$
45115	912	1692	$\frac{1}{18}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{17}{36}$	$\Phi_{1692}\ \Phi_{564}\ \Phi_{188}\ \Phi_{47}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
45116	912	2340	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{260}\ \Phi_{65}$
45117	912	1692	$\frac{1}{18}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{17}{36}$	$\Phi_{1692}\ \Phi_{564}\ \Phi_{188}\ \Phi_{47}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
45118	912	252	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{17}{36}$	$\Phi_{252}^8\ \Phi_{84}^8\ \Phi_{63}\ \Phi_{28}^8\ \Phi_{21}$
45119	912	595	$\frac{1}{17}$	$\frac{9}{85}$	$\frac{1}{7}$	$\frac{8}{17}$	$\Phi_{595}^2\ \Phi_{119}\ \Phi_{35}^2$
45120	912	980	$\frac{1}{20}$	$\frac{3}{49}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
45121	912	420	$\frac{1}{28}$	$\frac{1}{15}$	$\frac{9}{28}$	$\frac{7}{15}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7^4\ \Phi_6^2\ \Phi_5^3\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
45122	912	60	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{60}^{14}\ \Phi_{30}^{14}\ \Phi_{20}^{17}\ \Phi_{15}^{15}\ \Phi_{12}^{14}\ \Phi_{10}^{17}\ \Phi_6^{14}\ \Phi_5^{18}\ \Phi_4^{16}\ \Phi_3^{15}\ \Phi_2^{16}\ \Phi_1^{18}$
45123	912	210	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{7}{15}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^5\ \Phi_{42}^4\ \Phi_{35}^5\ \Phi_{30}^4\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_7^4\ \Phi_6^4\ \Phi_5^6\ \Phi_3^5\ \Phi_2^4\ \Phi_1^6$
45124	912	105	$\frac{1}{15}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{105}^8\ \Phi_{35}^8\ \Phi_{21}^{11}\ \Phi_{15}^9\ \Phi_7^{10}\ \Phi_5^9\ \Phi_3^{12}\ \Phi_1^{12}$
45125	912	960	$\frac{1}{15}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{7}{15}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
45126	912	650	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{650}^2\ \Phi_{325}\ \Phi_{130}^2\ \Phi_{65}\ \Phi_{50}^2\ \Phi_{10}^2$
45127	912	911	$\frac{35}{911}$	$\frac{73}{911}$	$\frac{246}{911}$	$\frac{419}{911}$	$\Phi_{911}\ \Phi_1^2$
45128	912	1371	$\frac{13}{457}$	$\frac{37}{457}$	$\frac{1}{3}$	$\frac{210}{457}$	Φ_{1371}
45129	912	911	$\frac{26}{911}$	$\frac{77}{911}$	$\frac{295}{911}$	$\frac{417}{911}$	$\Phi_{911}\ \Phi_1^2$
45130	912	455	$\frac{1}{13}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{455}^2\ \Phi_{91}^3\ \Phi_{65}^2\ \Phi_{13}^2$
45131	912	429	$\frac{1}{39}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{429}^2\ \Phi_{143}^2\ \Phi_{39}^4\ \Phi_{33}\ \Phi_{13}^4\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
45132	912	275	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{6}{25}$	$\frac{5}{11}$	$\Phi_{275}^3\ \Phi_{55}^3\ \Phi_{25}^6\ \Phi_{11}^4\ \Phi_5^6\ \Phi_1^8$
45133	912	220	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{220}^4\ \Phi_{110}^4\ \Phi_{55}^3\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{20}^8\ \Phi_{11}^4\ \Phi_{10}^8\ \Phi_5^6\ \Phi_4^8\ \Phi_2^8\ \Phi_1^8$
45134	912	495	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{7}{45}$	$\frac{5}{11}$	$\Phi_{495}^2\ \Phi_{165}\ \Phi_{99}^2\ \Phi_{55}\ \Phi_{45}^4\ \Phi_{33}\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
45135	912	286	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{286}^4\ \Phi_{143}^3\ \Phi_{26}^4\ \Phi_{13}^2$
45136	912	980	$\frac{1}{20}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
45137	912	567	$\frac{5}{81}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{567}^2\ \Phi_{189}^2\ \Phi_{63}\ \Phi_{21}$
45138	912	238	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{15}{34}$	$\Phi_{238}^8\ \Phi_{119}\ \Phi_{14}^8$
45139	912	911	$\frac{39}{911}$	$\frac{109}{911}$	$\frac{170}{911}$	$\frac{401}{911}$	$\Phi_{911}\ \Phi_1^2$
45140	912	975	$\frac{1}{39}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{195}\ \Phi_{75}\ \Phi_{65}\ \Phi_{15}$
45141	912	1220	$\frac{9}{305}$	$\frac{37}{305}$	$\frac{1}{4}$	$\frac{134}{305}$	$\Phi_{1220}\ \Phi_{610}\ \Phi_{244}\ \Phi_{122}\ \Phi_{20}\ \Phi_{10}$
45142	912	911	$\frac{27}{911}$	$\frac{115}{911}$	$\frac{221}{911}$	$\frac{398}{911}$	$\Phi_{911}\ \Phi_1^2$
45143	912	1218	$\frac{1}{58}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{42}\ \Phi_6^2$
45144	912	791	$\frac{2}{113}$	$\frac{1}{7}$	$\frac{37}{113}$	$\frac{3}{7}$	$\Phi_{791}\ \Phi_{113}^2\ \Phi_7^2\ \Phi_1^4$
45145	912	1092	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{182}\ \Phi_{156}^2\ \Phi_{84}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{42}\ \Phi_{26}^2\ \Phi_{12}^2\ \Phi_6^2$
45146	912	791	$\frac{5}{113}$	$\frac{1}{7}$	$\frac{18}{113}$	$\frac{3}{7}$	$\Phi_{791}\ \Phi_{113}^2\ \Phi_7^2\ \Phi_1^4$
45147	912	140	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{140}^7\ \Phi_{70}^7\ \Phi_{35}^7\ \Phi_{28}^7\ \Phi_{20}^6\ \Phi_{14}^7\ \Phi_{10}^6\ \Phi_5^6\ \Phi_4^6\ \Phi_2^6$
45148	912	273	$\frac{1}{13}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{273}^4\ \Phi_{91}^3\ \Phi_{39}^4\ \Phi_{13}^2$
45149	912	429	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{429}^2\ \Phi_{143}^3\ \Phi_{39}^2\ \Phi_{13}^2$
45150	912	911	$\frac{41}{911}$	$\frac{132}{911}$	$\frac{145}{911}$	$\frac{383}{911}$	$\Phi_{911}\ \Phi_1^2$
45151	912	1145	$\frac{7}{229}$	$\frac{37}{229}$	$\frac{1}{5}$	$\frac{96}{229}$	Φ_{1145}
45152	912	911	$\frac{17}{911}$	$\frac{149}{911}$	$\frac{265}{911}$	$\frac{381}{911}$	$\Phi_{911}\ \Phi_1^2$
45153	912	1371	$\frac{7}{457}$	$\frac{75}{457}$	$\frac{1}{3}$	$\frac{191}{457}$	Φ_{1371}
45154	912	911	$\frac{14}{911}$	$\frac{153}{911}$	$\frac{299}{911}$	$\frac{379}{911}$	$\Phi_{911}\ \Phi_1^2$
45155	912	986	$\frac{1}{58}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{986}\ \Phi_{493}\ \Phi_{34}$
45156	912	1568	$\frac{1}{49}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1568}\ \Phi_{224}\ \Phi_{196}\ \Phi_{98}\ \Phi_{28}\ \Phi_{14}$
45157	912	1155	$\frac{1}{77}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1155}\ \Phi_{231}^2\ \Phi_{165}\ \Phi_{105}\ \Phi_{33}^2\ \Phi_{21}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
45158	912	620	$\frac{3}{155}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{620}^2\ \Phi_{310}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{20}\ \Phi_{10}$
45159	912	755	$\frac{3}{151}$	$\frac{1}{5}$	$\frac{37}{151}$	$\frac{2}{5}$	$\Phi_{755}\ \Phi_{151}^2\ \Phi_5^2\ \Phi_1^4$
45160	912	195	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{195}^5\ \Phi_{65}^5\ \Phi_{39}^4\ \Phi_{15}^5\ \Phi_{13}^4\ \Phi_3^4$
45161	912	755	$\frac{7}{151}$	$\frac{18}{151}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{755}\ \Phi_{151}^2\ \Phi_5^2\ \Phi_1^4$
45162	912	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^6\ \Phi_{45}^5\ \Phi_{36}^6\ \Phi_{30}^6\ \Phi_{18}^6\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_9^4\ \Phi_6^6\ \Phi_3^4$
45163	912	911	$\frac{29}{911}$	$\frac{147}{911}$	$\frac{191}{911}$	$\frac{360}{911}$	$\Phi_{911}\ \Phi_1^2$
45164	912	980	$\frac{1}{20}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
45165	912	1001	$\frac{1}{77}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1001}\ \Phi_{143}\ \Phi_{91}$
45166	912	911	$\frac{43}{911}$	$\frac{94}{911}$	$\frac{217}{911}$	$\frac{347}{911}$	$\Phi_{911}\ \Phi_1^2$
45167	912	828	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{11}{46}$	$\frac{35}{92}$	$\Phi_{828}^2\ \Phi_{276}^2\ \Phi_{207}\ \Phi_{69}\ \Phi_{36}^2\ \Phi_{12}^2$
45168	912	1071	$\frac{5}{153}$	$\frac{1}{7}$	$\frac{37}{153}$	$\frac{58}{153}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{119}\ \Phi_{63}\ \Phi_{21}$
45169	912	911	$\frac{19}{911}$	$\frac{189}{911}$	$\frac{223}{911}$	$\frac{344}{911}$	$\Phi_{911}\ \Phi_1^2$
45170	912	244	$\frac{1}{61}$	$\frac{15}{61}$	$\frac{1}{4}$	$\frac{23}{61}$	$\Phi_{244}^5\ \Phi_{122}^5\ \Phi_4^4\ \Phi_2^4$
45171	912	911	$\frac{11}{911}$	$\frac{225}{911}$	$\frac{284}{911}$	$\frac{343}{911}$	$\Phi_{911}\ \Phi_1^2$
45172	912	1371	$\frac{5}{457}$	$\frac{113}{457}$	$\frac{1}{3}$	$\frac{172}{457}$	Φ_{1371}
45173	912	1176	$\frac{1}{49}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{294}\ \Phi_{196}\ \Phi_{168}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
45174	912	911	$\frac{15}{911}$	$\frac{224}{911}$	$\frac{229}{911}$	$\frac{341}{911}$	$\Phi_{911}\ \Phi_1^2$
45175	912	1470	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1470}\ \Phi_{490}\ \Phi_{294}\ \Phi_{245}\ \Phi_{210}\ \Phi_{98}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{14}$
45176	912	975	$\frac{1}{39}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{195}\ \Phi_{75}\ \Phi_{65}\ \Phi_{15}$
45177	912	911	$\frac{31}{911}$	$\frac{110}{911}$	$\frac{267}{911}$	$\frac{322}{911}$	$\Phi_{911}\ \Phi_1^2$
45178	912	980	$\frac{1}{20}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
45179	912	911	$\frac{44}{911}$	$\frac{75}{911}$	$\frac{289}{911}$	$\frac{311}{911}$	$\Phi_{911}\ \Phi_1^2$
45180	912	1035	$\frac{4}{115}$	$\frac{1}{9}$	$\frac{37}{115}$	$\frac{39}{115}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}\ \Phi_{69}\ \Phi_{45}\ \Phi_{15}$
45181	912	911	$\frac{20}{911}$	$\frac{151}{911}$	$\frac{297}{911}$	$\frac{307}{911}$	$\Phi_{911}\ \Phi_1^2$
45182	912	1145	$\frac{4}{229}$	$\frac{1}{5}$	$\frac{75}{229}$	$\frac{77}{229}$	Φ_{1145}
45183	912	911	$\frac{8}{911}$	$\frac{301}{911}$	$\frac{303}{911}$	$\frac{305}{911}$	$\Phi_{911}\ \Phi_1^2$
45184	912	1371	$\frac{4}{457}$	$\frac{151}{457}$	$\frac{1}{3}$	$\frac{153}{457}$	Φ_{1371}
45185	912	345	$\frac{1}{115}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{345}^3\ \Phi_{115}^2\ \Phi_{69}^3\ \Phi_{23}^2\ \Phi_{15}^3\ \Phi_5^2$
45186	912	681	$\frac{2}{227}$	$\frac{75}{227}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{681}\ \Phi_{227}^2\ \Phi_3^2\ \Phi_1^4$
45187	912	924	$\frac{1}{77}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2$
45188	912	681	$\frac{3}{227}$	$\frac{56}{227}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{681}\ \Phi_{227}^2\ \Phi_3^2\ \Phi_1^4$
45189	912	870	$\frac{1}{58}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}^2\ \Phi_{145}^2\ \Phi_{30}\ \Phi_{10}^2$
45190	912	681	$\frac{5}{227}$	$\frac{37}{227}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{681}\ \Phi_{227}^2\ \Phi_3^2\ \Phi_1^4$
45191	912	273	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{273}^4\ \Phi_{91}^4\ \Phi_{21}^3\ \Phi_7^2$
45192	912	525	$\frac{1}{25}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}^2\ \Phi_{75}\ \Phi_{35}^2\ \Phi_{15}$
45193	912	681	$\frac{11}{227}$	$\frac{18}{227}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{681}\ \Phi_{227}^2\ \Phi_3^2\ \Phi_1^4$
45194	912	780	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}^2\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{26}^2$
45195	912	1695	$\frac{2}{113}$	$\frac{1}{5}$	$\frac{37}{113}$	$\frac{1}{3}$	$\Phi_{1695}\ \Phi_{15}^2$
45196	912	1371	$\frac{10}{457}$	$\frac{77}{457}$	$\frac{149}{457}$	$\frac{1}{3}$	Φ_{1371}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
45197	912	1575	$\frac{2}{75}$	$\frac{1}{7}$	$\frac{73}{225}$	$\frac{1}{3}$	$\Phi_{1575}\ \Phi_{315}\ \Phi_{63}\ \Phi_{21}$
45198	912	252	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{9}{28}$	$\frac{1}{3}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^2\ \Phi_{63}^4\ \Phi_{42}^2\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_9^6\ \Phi_7^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
45199	912	987	$\frac{2}{47}$	$\frac{2}{21}$	$\frac{15}{47}$	$\frac{1}{3}$	$\Phi_{987}\ \Phi_{329}\ \Phi_{47}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
45200	912	1371	$\frac{22}{457}$	$\frac{39}{457}$	$\frac{145}{457}$	$\frac{1}{3}$	Φ_{1371}
45201	912	1380	$\frac{1}{20}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2$
45202	912	675	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{675}^2\ \Phi_{135}^2\ \Phi_{75}\ \Phi_{15}$
45203	912	1371	$\frac{17}{457}$	$\frac{55}{457}$	$\frac{134}{457}$	$\frac{1}{3}$	Φ_{1371}
45204	912	429	$\frac{1}{39}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{429}^2\ \Phi_{143}^2\ \Phi_{39}^4\ \Phi_{33}\ \Phi_{13}^4\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
45205	912	1371	$\frac{9}{457}$	$\frac{112}{457}$	$\frac{115}{457}$	$\frac{1}{3}$	Φ_{1371}
45206	912	1812	$\frac{3}{151}$	$\frac{37}{151}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1812}\ \Phi_{906}\ \Phi_{12}^2\ \Phi_6^2$
45207	912	780	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
45208	912	1812	$\frac{7}{151}$	$\frac{18}{151}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1812}\ \Phi_{906}\ \Phi_{12}^2\ \Phi_6^2$
45209	912	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^3\ \Phi_{45}^6\ \Phi_{36}^4\ \Phi_{30}^3\ \Phi_{20}^6\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^6\ \Phi_9^6\ \Phi_6^2\ \Phi_5^6\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
45210	912	1428	$\frac{1}{17}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{238}\ \Phi_{68}\ \Phi_{34}$
45211	912	525	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{6}{25}$	$\frac{1}{3}$	$\Phi_{525}^3\ \Phi_{105}^3\ \Phi_{21}^4$
45212	912	1371	$\frac{21}{457}$	$\frac{58}{457}$	$\frac{109}{457}$	$\frac{1}{3}$	Φ_{1371}
45213	912	987	$\frac{3}{47}$	$\frac{2}{21}$	$\frac{11}{47}$	$\frac{1}{3}$	$\Phi_{987}\ \Phi_{329}\ \Phi_{47}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
45214	912	225	$\frac{1}{25}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{225}^4\ \Phi_{75}^5\ \Phi_{45}^3\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
45215	912	1380	$\frac{1}{20}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2$
45216	912	1371	$\frac{19}{457}$	$\frac{73}{457}$	$\frac{96}{457}$	$\frac{1}{3}$	Φ_{1371}
45217	912	600	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{15}$
45218	912	1695	$\frac{5}{113}$	$\frac{18}{113}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1695}\ \Phi_{15}^2$
45219	912	420	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{21}^4$
45220	912	1365	$\frac{1}{13}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{65}$
45221	912	630	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{70}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
45222	912	315	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{7}{45}$	$\frac{1}{3}$	$\Phi_{315}^4\ \Phi_{105}^2\ \Phi_{63}^4\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_7^2$
45223	912	987	$\frac{2}{21}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{3}$	$\Phi_{987}\ \Phi_{329}\ \Phi_{47}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
45224	912	1155	$\frac{13}{165}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{77}\ \Phi_{21}$
45225	912	63	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{63}^{16}\ \Phi_{21}^{11}\ \Phi_9^{18}\ \Phi_7^{10}\ \Phi_3^{12}\ \Phi_1^{12}$
45226	912	576	$\frac{7}{64}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}\ \Phi_{144}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
45227	912	900	$\frac{2}{75}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{73}{225}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{10}$
45228	912	140	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{9}{28}$	$\Phi_{140}^6\ \Phi_{70}^6\ \Phi_{35}^6\ \Phi_{28}^8\ \Phi_{20}^6\ \Phi_{14}^8\ \Phi_{10}^6\ \Phi_7^8\ \Phi_5^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{12}$
45229	912	911	$\frac{38}{911}$	$\frac{155}{911}$	$\frac{189}{911}$	$\frac{291}{911}$	$\Phi_{911}\ \Phi_1^2$
45230	912	1269	$\frac{2}{47}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{15}{47}$	$\Phi_{1269}\ \Phi_{47}\ \Phi_{27}^2\ \Phi_1^2$
45231	912	1128	$\frac{2}{47}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{15}{47}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{376}\ \Phi_{188}\ \Phi_{47}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
45232	912	1145	$\frac{10}{229}$	$\frac{39}{229}$	$\frac{1}{5}$	$\frac{73}{229}$	Φ_{1145}
45233	912	495	$\frac{4}{55}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{17}{55}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{45}^3\ \Phi_{33}^2\ \Phi_{15}^3\ \Phi_9^2\ \Phi_3^2$
45234	912	1287	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{1287}\ \Phi_{143}\ \Phi_{117}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
45235	912	1836	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{68}\ \Phi_{34}$
45236	912	1269	$\frac{3}{47}$	$\frac{1}{9}$	$\frac{11}{47}$	$\frac{8}{27}$	$\Phi_{1269}\ \Phi_{47}\ \Phi_{27}^2\ \Phi_1^2$
45237	912	1755	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{1755}\ \Phi_{65}$
45238	912	1269	$\frac{5}{47}$	$\frac{1}{9}$	$\frac{7}{47}$	$\frac{8}{27}$	$\Phi_{1269}\ \Phi_{47}\ \Phi_{27}^2\ \Phi_1^2$
45239	912	189	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{27}$	$\Phi_{189}^8\ \Phi_{63}\ \Phi_{21}$
45240	912	420	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{35}\ \Phi_{30}^3\ \Phi_{28}\ \Phi_{15}^3\ \Phi_{14}\ \Phi_{12}^3\ \Phi_6^3$
45241	912	1365	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{1365}\ \Phi_{273}\ \Phi_{195}\ \Phi_{91}\ \Phi_{39}$
45242	912	275	$\frac{1}{25}$	$\frac{2}{11}$	$\frac{6}{25}$	$\frac{3}{11}$	$\Phi_{275}^3\ \Phi_{55}^3\ \Phi_{25}^6\ \Phi_{11}^4\ \Phi_5^6\ \Phi_1^8$
45243	912	220	$\frac{1}{20}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{220}^4\ \Phi_{110}^4\ \Phi_{55}^3\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{20}^8\ \Phi_{11}^4\ \Phi_{10}^8\ \Phi_5^6\ \Phi_4^8\ \Phi_2^8\ \Phi_1^8$
45244	912	495	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{495}^2\ \Phi_{165}\ \Phi_{99}^2\ \Phi_{55}\ \Phi_{45}^4\ \Phi_{33}\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
45245	912	911	$\frac{35}{911}$	$\frac{173}{911}$	$\frac{219}{911}$	$\frac{246}{911}$	$\Phi_{911}\ \Phi_1^2$
45246	912	1260	$\frac{11}{315}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}\ \Phi_{14}\ \Phi_{10}$
45247	912	980	$\frac{1}{20}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
45248	912	357	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{4}{17}$	$\frac{13}{51}$	$\Phi_{357}^4\ \Phi_{119}\ \Phi_{21}^4$
45249	912	911	$\frac{39}{911}$	$\frac{170}{911}$	$\frac{218}{911}$	$\frac{231}{911}$	$\Phi_{911}\ \Phi_1^2$
45250	912	1145	$\frac{9}{229}$	$\frac{1}{5}$	$\frac{55}{229}$	$\frac{58}{229}$	Φ_{1145}
45251	912	100	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{6}{25}$	$\frac{1}{4}$	$\Phi_{100}^{12}\ \Phi_{50}^{12}\ \Phi_{20}^{13}\ \Phi_{10}^{13}\ \Phi_4^{12}\ \Phi_2^{12}$
45252	912	1220	$\frac{13}{305}$	$\frac{58}{305}$	$\frac{73}{305}$	$\frac{1}{4}$	$\Phi_{1220}\ \Phi_{610}\ \Phi_{244}\ \Phi_{122}\ \Phi_{20}\ \Phi_{10}$
45253	912	408	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{408}^3\ \Phi_{204}\ \Phi_{136}^3\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}^3\ \Phi_{17}^2$
45254	912	20	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{20}^{45}\ \Phi_{10}^{45}\ \Phi_5^{48}\ \Phi_4^{44}\ \Phi_2^{44}\ \Phi_1^{48}$
45255	912	1500	$\frac{4}{75}$	$\frac{71}{375}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{250}\ \Phi_{20}\ \Phi_{10}$
45256	912	1300	$\frac{21}{325}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{260}\ \Phi_{130}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
45257	912	180	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^4\ \Phi_{36}^8\ \Phi_{30}^4\ \Phi_{20}^5\ \Phi_{18}^8\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
45258	912	660	$\frac{13}{165}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{20}\ \Phi_{10}$
45259	912	700	$\frac{2}{25}$	$\frac{23}{175}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{14}^2\ \Phi_{10}$
45260	912	1128	$\frac{3}{47}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{11}{47}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{376}\ \Phi_{188}\ \Phi_{47}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
45261	912	315	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{7}{45}$	$\frac{2}{9}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}\ \Phi_{35}^4\ \Phi_{21}$
45262	912	207	$\frac{1}{9}$	$\frac{3}{23}$	$\frac{4}{23}$	$\frac{5}{23}$	$\Phi_{207}^5\ \Phi_{69}^5\ \Phi_9^4\ \Phi_3^4$
45263	912	1560	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{260}\ \Phi_{65}$
45264	912	1128	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{376}\ \Phi_{188}\ \Phi_{47}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
45265	912	504	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{21}$
45266	912	70	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{70}^{13}\ \Phi_{35}^{13}\ \Phi_{14}^{12}\ \Phi_{10}^{13}\ \Phi_7^{12}\ \Phi_5^{16}\ \Phi_2^{12}\ \Phi_1^{16}$
45267	912	105	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{105}^9\ \Phi_{35}^6\ \Phi_{21}^{12}\ \Phi_{15}^9\ \Phi_7^8\ \Phi_5^9\ \Phi_3^{12}\ \Phi_1^{12}$
45268	912	320	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{64}^4\ \Phi_{32}^4\ \Phi_{16}^4\ \Phi_5^3\ \Phi_1^4$
45269	913	1098	$\frac{2}{183}$	$\frac{185}{1098}$	$\frac{1}{3}$	$\frac{181}{366}$	$\Phi_{1098}\ \Phi_{549}\ \Phi_{183}\ \Phi_{61}\ \Phi_{18}\ \Phi_9\ \Phi_1$
45270	913	820	$\frac{1}{82}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{81}{164}$	$\Phi_{410}^2\ \Phi_{205}^2\ \Phi_{164}\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{20}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
45271	913	2460	$\frac{1}{82}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{81}{164}$	$\Phi_{2460}\ \Phi_{492}\ \Phi_{164}\ \Phi_{60}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
45272	913	1800	$\frac{13}{900}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{887}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
45273	913	1800	$\frac{13}{900}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{887}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
45274	913	1224	$\frac{5}{306}$	$\frac{1}{6}$	$\frac{311}{1224}$	$\frac{301}{612}$	$\Phi_{1224}\ \Phi_{408}\ \Phi_{306}\ \Phi_{153}\ \Phi_{136}\ \Phi_{102}\ \Phi_{72}\ \Phi_{51}\ \Phi_{34}\ \Phi_{24}\ \Phi_{18}\ \Phi_{17}\ \Phi_9\ \Phi_8\ \Phi_1$
45275	913	1792	$\frac{17}{896}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{879}{1792}$	$\Phi_{1792}\ \Phi_{256}\ \Phi_{32}\ \Phi_1$
45276	913	1728	$\frac{1}{48}$	$\frac{49}{864}$	$\frac{815}{1728}$	$\frac{47}{96}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
45277	913	1152	$\frac{1}{48}$	$\frac{49}{288}$	$\frac{239}{1152}$	$\frac{47}{96}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
45278	913	324	$\frac{2}{81}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{324}^3\ \Phi_{162}^2\ \Phi_{108}^3\ \Phi_{81}^3\ \Phi_{54}^2\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{18}^2\ \Phi_{12}^5\ \Phi_9^3\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
45279	913	336	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{336}^4\ \Phi_{112}^3\ \Phi_{84}^4\ \Phi_{48}^4\ \Phi_{42}^4\ \Phi_{28}^3\ \Phi_{21}^4\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
45280	913	160	$\frac{3}{80}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{77}{160}$	$\Phi_{160}^{11}\ \Phi_{32}^{11}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
45281	913	480	$\frac{3}{80}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{480}^4\ \Phi_{160}^3\ \Phi_{96}^4\ \Phi_{32}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
45282	913	160	$\frac{3}{80}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{77}{160}$	$\Phi_{160}^{11}\ \Phi_{40}\ \Phi_{32}^{11}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
45283	913	1104	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{191}{1104}$	$\frac{177}{368}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{48}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
45284	913	1020	$\frac{5}{102}$	$\frac{107}{1020}$	$\frac{1}{6}$	$\frac{97}{204}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{60}\ \Phi_{51}\ \Phi_{34}\ \Phi_{30}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
45285	913	1728	$\frac{1}{24}$	$\frac{49}{864}$	$\frac{23}{72}$	$\frac{815}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
45286	913	1728	$\frac{49}{864}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{815}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
45287	913	1344	$\frac{17}{448}$	$\frac{1}{16}$	$\frac{431}{1344}$	$\frac{15}{32}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
45288	913	960	$\frac{47}{960}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
45289	913	1120	$\frac{1}{16}$	$\frac{17}{224}$	$\frac{207}{1120}$	$\frac{15}{32}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
45290	913	1024	$\frac{1}{16}$	$\frac{111}{1024}$	$\frac{17}{128}$	$\frac{15}{32}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_{32}\ \Phi_1$
45291	913	156	$\frac{5}{78}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{73}{156}$	$\Phi_{156}^5\ \Phi_{78}^6\ \Phi_{52}^5\ \Phi_{39}^6\ \Phi_{26}^6\ \Phi_{13}^6\ \Phi_{12}^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
45292	913	1248	$\frac{1}{24}$	$\frac{23}{312}$	$\frac{335}{1248}$	$\frac{289}{624}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
45293	913	924	$\frac{6}{77}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{71}{154}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_{11}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
45294	913	96	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{11}{24}$	$\Phi_{96}^{11}\ \Phi_{48}^{11}\ \Phi_{32}^{11}\ \Phi_{16}^{11}\ \Phi_{12}^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
45295	913	1680	$\frac{1}{12}$	$\frac{73}{840}$	$\frac{11}{84}$	$\frac{767}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{84}\ \Phi_{80}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
45296	913	152	$\frac{3}{38}$	$\frac{7}{76}$	$\frac{5}{38}$	$\frac{69}{152}$	$\Phi_{152}^{11}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_8^{11}\ \Phi_2^2\ \Phi_1^3$
45297	913	972	$\frac{59}{972}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
45298	913	2460	$\frac{1}{41}$	$\frac{1}{10}$	$\frac{40}{123}$	$\frac{9}{20}$	$\Phi_{2460}\ \Phi_{492}\ \Phi_{123}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
45299	913	1632	$\frac{5}{102}$	$\frac{97}{816}$	$\frac{1}{6}$	$\frac{719}{1632}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{102}\ \Phi_{96}\ \Phi_{51}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_1$
45300	913	1008	$\frac{1}{12}$	$\frac{95}{1008}$	$\frac{11}{84}$	$\frac{73}{168}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
45301	913	930	$\frac{17}{930}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{930}\ \Phi_{465}\ \Phi_{310}\ \Phi_{186}\ \Phi_{155}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{15}\ \Phi_5\ \Phi_1$
45302	913	1064	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{151}{1064}$	$\frac{115}{266}$	$\Phi_{1064}\ \Phi_{532}\ \Phi_{152}\ \Phi_{133}\ \Phi_{76}\ \Phi_{56}\ \Phi_{28}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
45303	913	1596	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{115}{798}$	$\frac{683}{1596}$	$\Phi_{1596}\ \Phi_{532}\ \Phi_{228}\ \Phi_{133}\ \Phi_{84}\ \Phi_{76}\ \Phi_{28}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
45304	913	144	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{144}$	$\Phi_{144}^{11}\ \Phi_{48}^{11}\ \Phi_{16}^{11}\ \Phi_{12}^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
45305	913	960	$\frac{47}{960}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
45306	913	420	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{70}$	$\frac{57}{140}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}\ \Phi_{105}^2\ \Phi_{84}^4\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^4\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^3\ \Phi_{21}^4\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_7^3\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
45307	913	1536	$\frac{1}{48}$	$\frac{145}{768}$	$\frac{47}{192}$	$\frac{623}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
45308	913	1140	$\frac{1}{38}$	$\frac{37}{190}$	$\frac{227}{1140}$	$\frac{153}{380}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{60}\ \Phi_{57}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
45309	913	1520	$\frac{1}{38}$	$\frac{37}{190}$	$\frac{153}{760}$	$\frac{607}{1520}$	$\Phi_{1520}\ \Phi_{304}\ \Phi_{190}\ \Phi_{95}\ \Phi_{80}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
45310	913	252	$\frac{1}{84}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{252}^{3}\ \Phi_{126}^{3}\ \Phi_{84}^{5}\ \Phi_{63}^{3}\ \Phi_{42}^{5}\ \Phi_{36}^{3}\ \Phi_{28}^{5}\ \Phi_{21}^{5}\ \Phi_{18}^{2}\ \Phi_{14}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{3}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
45311	913	1472	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{177}{736}$	$\frac{559}{1472}$	$\Phi_{1472}\ \Phi_{184}\ \Phi_{92}\ \Phi_{64}\ \Phi_{46}\ \Phi_{23}\ \Phi_{1}$
45312	913	1152	$\frac{1}{48}$	$\frac{239}{1152}$	$\frac{47}{192}$	$\frac{145}{384}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
45313	913	1464	$\frac{2}{183}$	$\frac{181}{732}$	$\frac{1}{3}$	$\frac{551}{1464}$	$\Phi_{1464}\ \Phi_{488}\ \Phi_{183}\ \Phi_{61}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
45314	913	336	$\frac{1}{84}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{336}^{4}\ \Phi_{112}^{4}\ \Phi_{84}^{3}\ \Phi_{48}^{4}\ \Phi_{42}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{16}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
45315	913	264	$\frac{5}{88}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^{4}\ \Phi_{132}^{4}\ \Phi_{88}^{3}\ \Phi_{66}^{4}\ \Phi_{44}^{3}\ \Phi_{33}^{4}\ \Phi_{22}^{3}\ \Phi_{12}^{3}\ \Phi_{11}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
45316	913	1440	$\frac{1}{48}$	$\frac{47}{240}$	$\frac{193}{720}$	$\frac{527}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
45317	913	936	$\frac{23}{936}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
45318	913	252	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{252}^{3}\ \Phi_{126}^{2}\ \Phi_{84}^{6}\ \Phi_{63}^{3}\ \Phi_{42}^{5}\ \Phi_{36}^{3}\ \Phi_{28}^{6}\ \Phi_{21}^{5}\ \Phi_{18}^{2}\ \Phi_{14}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{3}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
45319	913	1008	$\frac{1}{24}$	$\frac{95}{1008}$	$\frac{23}{72}$	$\frac{49}{144}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
45320	913	1368	$\frac{1}{114}$	$\frac{113}{342}$	$\frac{455}{1368}$	$\frac{229}{684}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{342}\ \Phi_{171}\ \Phi_{152}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
45321	913	1350	$\frac{13}{450}$	$\frac{2}{15}$	$\frac{437}{1350}$	$\frac{1}{3}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{270}\ \Phi_{135}\ \Phi_{54}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
45322	913	945	$\frac{32}{945}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
45323	913	255	$\frac{2}{85}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{255}^{3}\ \Phi_{85}^{5}\ \Phi_{51}^{3}\ \Phi_{17}^{5}\ \Phi_{15}^{2}\ \Phi_{5}^{3}\ \Phi_{3}\ \Phi_{1}^{3}$
45324	913	1200	$\frac{13}{300}$	$\frac{2}{15}$	$\frac{287}{1200}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{120}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
45325	913	108	$\frac{2}{27}$	$\frac{1}{12}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{108}^{8}\ \Phi_{54}^{8}\ \Phi_{36}^{8}\ \Phi_{27}^{9}\ \Phi_{18}^{8}\ \Phi_{12}^{10}\ \Phi_{9}^{9}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
45326	913	180	$\frac{7}{90}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^{6}\ \Phi_{90}^{5}\ \Phi_{60}^{6}\ \Phi_{45}^{5}\ \Phi_{36}^{3}\ \Phi_{30}^{5}\ \Phi_{20}^{6}\ \Phi_{18}^{2}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
45327	913	960	$\frac{47}{960}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
45328	913	1125	$\frac{13}{225}$	$\frac{2}{15}$	$\frac{212}{1125}$	$\frac{1}{3}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{125}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
45329	913	975	$\frac{62}{975}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{195}\ \Phi_{65}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}$
45330	913	1080	$\frac{13}{180}$	$\frac{2}{15}$	$\frac{167}{1080}$	$\frac{1}{3}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
45331	913	90	$\frac{7}{90}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{90}^{10}\ \Phi_{45}^{10}\ \Phi_{30}^{10}\ \Phi_{18}^{10}\ \Phi_{15}^{11}\ \Phi_{10}^{10}\ \Phi_{9}^{10}\ \Phi_{6}^{10}\ \Phi_{5}^{11}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
45332	913	1050	$\frac{13}{150}$	$\frac{137}{1050}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
45333	913	615	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{40}{123}$	$\Phi_{615}\ \Phi_{205}^{2}\ \Phi_{123}^{2}\ \Phi_{41}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
45334	913	1350	$\frac{13}{450}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{437}{1350}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{270}\ \Phi_{135}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
45335	913	1296	$\frac{1}{24}$	$\frac{49}{432}$	$\frac{383}{1296}$	$\frac{23}{72}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
45336	913	1080	$\frac{1}{24}$	$\frac{167}{1080}$	$\frac{49}{216}$	$\frac{23}{72}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
45337	913	1152	$\frac{1}{24}$	$\frac{49}{288}$	$\frac{239}{1152}$	$\frac{23}{72}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
45338	913	96	$\frac{1}{16}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{5}{16}$	$\Phi_{96}^{11}\ \Phi_{48}^{11}\ \Phi_{32}^{11}\ \Phi_{24}^{11}\ \Phi_{16}^{2}\ \Phi_{12}^{11}\ \Phi_{8}^{2}\ \Phi_{6}^{11}\ \Phi_{4}^{2}\ \Phi_{3}^{11}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
45339	913	120	$\frac{3}{40}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{120}^{7}\ \Phi_{60}^{7}\ \Phi_{40}^{8}\ \Phi_{30}^{7}\ \Phi_{24}^{7}\ \Phi_{20}^{8}\ \Phi_{15}^{7}\ \Phi_{12}^{10}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{6}^{10}\ \Phi_{5}^{8}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
45340	913	120	$\frac{3}{40}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{37}{120}$	$\Phi_{120}^{11}\ \Phi_{60}^{11}\ \Phi_{40}\ \Phi_{30}^{11}\ \Phi_{24}^{11}\ \Phi_{20}\ \Phi_{15}^{11}\ \Phi_{12}^{11}\ \Phi_{10}\ \Phi_{6}^{11}\ \Phi_{5}\ \Phi_{3}^{11}\ \Phi_{1}$
45341	913	108	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{108}^{11}\ \Phi_{54}^{11}\ \Phi_{27}^{11}\ \Phi_{12}^{10}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
45342	913	1296	$\frac{5}{54}$	$\frac{49}{432}$	$\frac{1}{6}$	$\frac{383}{1296}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
45343	913	1197	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{284}{1197}$	$\frac{115}{399}$	$\Phi_{1197}\ \Phi_{171}\ \Phi_{133}\ \Phi_{63}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
45344	913	1080	$\frac{13}{180}$	$\frac{167}{1080}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
45345	913	90	$\frac{7}{90}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{90}^{10}\ \Phi_{45}^{10}\ \Phi_{30}^{10}\ \Phi_{18}^{11}\ \Phi_{15}^{10}\ \Phi_{10}^{10}\ \Phi_{9}^{11}\ \Phi_{6}^{10}\ \Phi_{5}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
45346	913	1260	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{420}$	$\frac{347}{1260}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
45347	913	114	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{7}{38}$	$\frac{31}{114}$	$\Phi_{114}^{11}\ \Phi_{57}^{11}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{6}^{11}\ \Phi_{3}^{11}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
45348	913	1224	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{97}{408}$	$\frac{311}{1224}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{102}\ \Phi_{72}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
45349	913	96	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{96}^{11}\ \Phi_{48}^{7}\ \Phi_{32}^{11}\ \Phi_{24}^{7}\ \Phi_{16}^{8}\ \Phi_{12}^{10}\ \Phi_{8}^{8}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
45350	913	300	$\frac{1}{12}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{100}^{3}\ \Phi_{75}^{4}\ \Phi_{50}^{3}\ \Phi_{25}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
45351	913	108	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{5}{27}$	$\frac{25}{108}$	$\Phi_{108}^{11}\ \Phi_{54}^{5}\ \Phi_{36}^{11}\ \Phi_{27}^{7}\ \Phi_{18}^{5}\ \Phi_{12}^{11}\ \Phi_{9}^{7}\ \Phi_{6}^{4}\ \Phi_{4}^{11}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{7}$
45352	913	1080	$\frac{5}{54}$	$\frac{167}{1080}$	$\frac{1}{6}$	$\frac{49}{216}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
45353	914	830	$\frac{1}{83}$	$\frac{42}{415}$	$\frac{373}{830}$	$\frac{41}{83}$	$\Phi_{830}^{2}\ \Phi_{166}^{2}\ \Phi_{83}\ \Phi_{10}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
45354	914	902	$\frac{6}{451}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{445}{902}$	$\Phi_{902}^{2}\ \Phi_{82}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
45355	914	891	$\frac{23}{891}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{434}{891}$	$\Phi_{891}\ \Phi_{297}\ \Phi_{99}\ \Phi_{81}\ \Phi_{33}^{2}\ \Phi_{27}\ \Phi_{11}\ \Phi_{9}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
45356	914	616	$\frac{5}{154}$	$\frac{1}{11}$	$\frac{159}{616}$	$\frac{149}{308}$	$\Phi_{616}^{2}\ \Phi_{154}^{2}\ \Phi_{88}^{2}\ \Phi_{77}^{2}\ \Phi_{56}^{2}\ \Phi_{22}^{2}\ \Phi_{14}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
45357	914	880	$\frac{17}{440}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{423}{880}$	$\Phi_{880}^{2}\ \Phi_{176}^{2}\ \Phi_{80}^{2}\ \Phi_{22}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
45358	914	858	$\frac{28}{429}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{401}{858}$	$\Phi_{858}^{2}\ \Phi_{286}^{2}\ \Phi_{78}^{2}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{26}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
45359	914	528	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{71}{528}$	$\frac{61}{132}$	$\Phi_{528}^{2}\ \Phi_{264}^{2}\ \Phi_{176}^{2}\ \Phi_{88}^{2}\ \Phi_{66}^{2}\ \Phi_{48}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
45360	914	847	$\frac{67}{847}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{390}{847}$	$\Phi_{847}\ \Phi_{121}\ \Phi_{77}^{2}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
45361	914	792	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{61}{396}$	$\frac{335}{792}$	$\Phi_{792}^{2}\ \Phi_{264}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{2}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
45362	914	770	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{72}{385}$	$\frac{313}{770}$	$\Phi_{770}^{2}\ \Phi_{154}^{2}\ \Phi_{110}^{2}\ \Phi_{77}^{2}\ \Phi_{70}^{2}\ \Phi_{22}^{2}\ \Phi_{14}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
45363	914	747	$\frac{1}{83}$	$\frac{167}{747}$	$\frac{82}{249}$	$\frac{290}{747}$	$\Phi_{747}\ \Phi_{249}^{2}\ \Phi_{83}\ \Phi_{9}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
45364	914	484	$\frac{27}{484}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{484}^{2}\ \Phi_{242}^{2}\ \Phi_{121}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
45365	914	664	$\frac{1}{83}$	$\frac{41}{166}$	$\frac{207}{664}$	$\frac{125}{332}$	$\Phi_{664}^{2}\ \Phi_{166}^{2}\ \Phi_{83}\ \Phi_{8}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
45366	914	693	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{221}{693}$	$\frac{236}{693}$	$\Phi_{693}\ \Phi_{231}^{2}\ \Phi_{99}\ \Phi_{77}^{2}\ \Phi_{63}\ \Phi_{33}^{2}\ \Phi_{21}^{2}\ \Phi_{11}\ \Phi_{9}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
45367	914	594	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{137}{594}$	$\frac{61}{198}$	$\Phi_{594}^{2}\ \Phi_{297}^{2}\ \Phi_{66}^{2}\ \Phi_{54}^{2}\ \Phi_{33}^{2}\ \Phi_{27}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
45368	914	660	$\frac{17}{220}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{203}{660}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{165}^{2}\ \Phi_{132}^{2}\ \Phi_{66}^{2}\ \Phi_{60}^{2}\ \Phi_{33}^{2}\ \Phi_{30}^{2}\ \Phi_{22}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
45369	914	495	$\frac{38}{495}$	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{495}^{2}\ \Phi_{165}^{2}\ \Phi_{99}\ \Phi_{55}^{2}\ \Phi_{45}^{2}\ \Phi_{33}^{2}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
45370	914	594	$\frac{23}{297}$	$\frac{1}{11}$	$\frac{137}{594}$	$\frac{10}{33}$	$\Phi_{594}^{2}\ \Phi_{297}\ \Phi_{198}^{2}\ \Phi_{99}\ \Phi_{66}^{2}\ \Phi_{54}^{2}\ \Phi_{33}^{2}\ \Phi_{27}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
45371	914	528	$\frac{1}{11}$	$\frac{71}{528}$	$\frac{17}{88}$	$\frac{5}{22}$	$\Phi_{528}^{2}\ \Phi_{264}^{2}\ \Phi_{176}^{2}\ \Phi_{132}^{2}\ \Phi_{66}^{2}\ \Phi_{48}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
45372	914	550	$\frac{1}{11}$	$\frac{17}{110}$	$\frac{93}{550}$	$\frac{5}{22}$	$\Phi_{550}^{2}\ \Phi_{275}^{2}\ \Phi_{50}^{2}\ \Phi_{25}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
45373	915	728	$\frac{1}{182}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{181}{364}$	$\Phi_{728}^{2}\ \Phi_{364}\ \Phi_{104}^{2}\ \Phi_{56}^{2}\ \Phi_{52}\ \Phi_{28}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
45374	915	1212	$\frac{2}{303}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{301}{606}$	$\Phi_{1212}\ \Phi_{404}\ \Phi_{303}\ \Phi_{101}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
45375	915	408	$\frac{1}{102}$	$\frac{1}{4}$	$\frac{103}{408}$	$\frac{101}{204}$	$\Phi_{408}^{3}\,\Phi_{204}^{2}\,\Phi_{136}^{3}\,\Phi_{102}\,\Phi_{68}^{2}\,\Phi_{51}\,\Phi_{34}\,\Phi_{24}^{3}\,\Phi_{17}\,\Phi_{12}^{2}\,\Phi_{8}^{3}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
45376	915	840	$\frac{1}{60}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{59}{120}$	$\Phi_{840}^{2}\,\Phi_{280}^{2}\,\Phi_{168}^{2}\,\Phi_{120}^{3}\,\Phi_{56}^{2}\,\Phi_{40}^{3}\,\Phi_{28}\,\Phi_{24}^{3}\,\Phi_{8}^{3}\,\Phi_{4}\,\Phi_{1}$
45377	915	840	$\frac{1}{60}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{59}{120}$	$\Phi_{840}^{2}\,\Phi_{280}^{2}\,\Phi_{168}^{2}\,\Phi_{120}^{3}\,\Phi_{56}^{2}\,\Phi_{40}^{3}\,\Phi_{24}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
45378	915	120	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{59}{120}$	$\Phi_{120}^{15}\,\Phi_{40}^{15}\,\Phi_{24}^{15}\,\Phi_{12}^{2}\,\Phi_{8}^{15}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
45379	915	1188	$\frac{8}{297}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{289}{594}$	$\Phi_{1188}\,\Phi_{396}\,\Phi_{297}\,\Phi_{132}\,\Phi_{108}\,\Phi_{99}\,\Phi_{44}\,\Phi_{36}^{2}\,\Phi_{33}\,\Phi_{27}\,\Phi_{18}\,\Phi_{12}^{2}\,\Phi_{11}\,\Phi_{9}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
45380	915	68	$\frac{1}{34}$	$\frac{7}{68}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{68}^{14}\,\Phi_{34}^{13}\,\Phi_{17}^{13}\,\Phi_{4}^{13}\,\Phi_{2}^{12}\,\Phi_{1}^{13}$
45381	915	1056	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{169}{352}$	$\Phi_{1056}^{2}\,\Phi_{352}\,\Phi_{96}^{2}\,\Phi_{32}\,\Phi_{24}^{2}\,\Phi_{12}^{2}\,\Phi_{8}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
45382	915	1156	$\frac{16}{289}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{273}{578}$	$\Phi_{1156}\,\Phi_{289}\,\Phi_{68}^{2}\,\Phi_{34}\,\Phi_{17}\,\Phi_{4}\,\Phi_{1}$
45383	915	324	$\frac{1}{18}$	$\frac{19}{324}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{324}^{3}\,\Phi_{162}^{3}\,\Phi_{108}^{3}\,\Phi_{81}^{3}\,\Phi_{54}^{3}\,\Phi_{36}^{2}\,\Phi_{27}^{3}\,\Phi_{18}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
45384	915	576	$\frac{1}{18}$	$\frac{17}{288}$	$\frac{1}{4}$	$\frac{271}{576}$	$\Phi_{576}^{3}\,\Phi_{192}^{3}\,\Phi_{64}^{3}\,\Phi_{36}^{2}\,\Phi_{18}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
45385	915	252	$\frac{2}{63}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{252}^{7}\,\Phi_{84}^{6}\,\Phi_{63}\,\Phi_{36}^{7}\,\Phi_{28}^{7}\,\Phi_{21}\,\Phi_{12}^{6}\,\Phi_{9}\,\Phi_{7}\,\Phi_{4}^{7}\,\Phi_{1}$
45386	915	1260	$\frac{1}{30}$	$\frac{1}{14}$	$\frac{29}{90}$	$\frac{13}{28}$	$\Phi_{1260}^{2}\,\Phi_{252}^{2}\,\Phi_{180}^{2}\,\Phi_{90}\,\Phi_{45}\,\Phi_{36}^{2}\,\Phi_{28}\,\Phi_{18}\,\Phi_{9}\,\Phi_{4}\,\Phi_{1}$
45387	915	448	$\frac{3}{64}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{448}^{2}\,\Phi_{224}^{2}\,\Phi_{112}^{2}\,\Phi_{64}^{3}\,\Phi_{56}^{2}\,\Phi_{32}^{3}\,\Phi_{28}\,\Phi_{16}^{3}\,\Phi_{8}^{3}\,\Phi_{4}\,\Phi_{1}$
45388	915	560	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{19}{80}$	$\frac{13}{28}$	$\Phi_{560}^{2}\,\Phi_{280}^{2}\,\Phi_{112}^{2}\,\Phi_{80}^{3}\,\Phi_{56}^{2}\,\Phi_{40}^{3}\,\Phi_{28}\,\Phi_{16}^{3}\,\Phi_{8}^{3}\,\Phi_{4}\,\Phi_{1}$
45389	915	1820	$\frac{4}{65}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{1820}\,\Phi_{364}\,\Phi_{260}\,\Phi_{65}\,\Phi_{52}\,\Phi_{28}\,\Phi_{13}\,\Phi_{4}\,\Phi_{1}$
45390	915	2100	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{14}{75}$	$\frac{13}{28}$	$\Phi_{2100}\,\Phi_{700}\,\Phi_{300}\,\Phi_{100}\,\Phi_{75}\,\Phi_{28}\,\Phi_{25}\,\Phi_{4}\,\Phi_{1}$
45391	915	924	$\frac{1}{14}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{924}^{2}\,\Phi_{308}^{2}\,\Phi_{132}^{2}\,\Phi_{66}\,\Phi_{44}^{2}\,\Phi_{33}\,\Phi_{28}\,\Phi_{22}\,\Phi_{11}\,\Phi_{4}\,\Phi_{1}$
45392	915	504	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{13}{28}$	$\Phi_{504}^{2}\,\Phi_{252}^{2}\,\Phi_{168}^{2}\,\Phi_{126}^{2}\,\Phi_{72}^{3}\,\Phi_{63}^{2}\,\Phi_{56}^{2}\,\Phi_{36}^{3}\,\Phi_{28}\,\Phi_{24}^{3}\,\Phi_{18}^{3}\,\Phi_{9}^{3}\,\Phi_{8}^{3}\,\Phi_{4}\,\Phi_{1}$
45393	915	140	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{13}{28}$	$\Phi_{140}^{12}\,\Phi_{70}\,\Phi_{35}\,\Phi_{28}^{13}\,\Phi_{20}^{12}\,\Phi_{14}\,\Phi_{7}\,\Phi_{4}^{13}\,\Phi_{1}$
45394	915	544	$\frac{1}{34}$	$\frac{33}{272}$	$\frac{1}{4}$	$\frac{239}{544}$	$\Phi_{544}^{3}\,\Phi_{68}^{2}\,\Phi_{34}\,\Phi_{32}^{3}\,\Phi_{17}\,\Phi_{4}\,\Phi_{1}$
45395	915	192	$\frac{3}{64}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{192}^{6}\,\Phi_{96}^{6}\,\Phi_{64}^{3}\,\Phi_{48}^{4}\,\Phi_{32}^{3}\,\Phi_{24}^{6}\,\Phi_{16}^{2}\,\Phi_{12}^{6}\,\Phi_{8}^{3}\,\Phi_{6}^{5}\,\Phi_{4}^{3}\,\Phi_{3}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
45396	915	966	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{1}{6}$	$\frac{139}{322}$	$\Phi_{966}\,\Phi_{483}\,\Phi_{161}\,\Phi_{138}^{2}\,\Phi_{69}^{2}\,\Phi_{46}\,\Phi_{42}\,\Phi_{23}\,\Phi_{21}\,\Phi_{7}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
45397	915	312	$\frac{7}{312}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{312}^{3}\,\Phi_{156}^{3}\,\Phi_{104}^{3}\,\Phi_{78}^{3}\,\Phi_{52}^{3}\,\Phi_{39}^{3}\,\Phi_{26}^{3}\,\Phi_{24}^{3}\,\Phi_{13}^{3}\,\Phi_{12}^{2}\,\Phi_{8}^{3}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
45398	915	204	$\frac{1}{51}$	$\frac{10}{51}$	$\frac{1}{4}$	$\frac{41}{102}$	$\Phi_{204}^{6}\,\Phi_{102}\,\Phi_{68}^{6}\,\Phi_{51}^{5}\,\Phi_{34}\,\Phi_{17}^{5}\,\Phi_{12}^{6}\,\Phi_{6}\,\Phi_{4}^{5}\,\Phi_{3}^{5}\,\Phi_{1}^{5}$
45399	915	728	$\frac{1}{91}$	$\frac{1}{4}$	$\frac{30}{91}$	$\frac{3}{8}$	$\Phi_{728}^{2}\,\Phi_{104}^{2}\,\Phi_{91}^{2}\,\Phi_{56}^{2}\,\Phi_{13}^{2}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
45400	915	248	$\frac{1}{62}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{248}^{6}\,\Phi_{124}^{2}\,\Phi_{62}\,\Phi_{31}\,\Phi_{8}^{3}\,\Phi_{4}\,\Phi_{1}$
45401	915	504	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^{3}\,\Phi_{168}^{3}\,\Phi_{72}^{3}\,\Phi_{63}^{3}\,\Phi_{56}^{2}\,\Phi_{24}^{3}\,\Phi_{21}^{3}\,\Phi_{9}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
45402	915	208	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{208}^{5}\,\Phi_{104}^{3}\,\Phi_{52}^{5}\,\Phi_{26}^{4}\,\Phi_{16}^{5}\,\Phi_{13}^{4}\,\Phi_{8}^{4}\,\Phi_{4}^{5}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
45403	915	520	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}^{3}\,\Phi_{104}^{2}\,\Phi_{65}^{3}\,\Phi_{40}^{3}\,\Phi_{13}^{2}\,\Phi_{8}^{3}\,\Phi_{5}^{3}\,\Phi_{1}^{3}$
45404	915	392	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{392}^{4}\,\Phi_{196}\,\Phi_{98}\,\Phi_{56}^{2}\,\Phi_{49}\,\Phi_{28}\,\Phi_{8}^{3}\,\Phi_{4}\,\Phi_{1}$
45405	915	276	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{15}{46}$	$\frac{31}{92}$	$\Phi_{276}^{6}\,\Phi_{138}^{2}\,\Phi_{92}^{3}\,\Phi_{69}^{2}\,\Phi_{46}\,\Phi_{23}\,\Phi_{12}^{6}\,\Phi_{6}\,\Phi_{4}^{3}\,\Phi_{3}\,\Phi_{1}$
45406	915	393	$\frac{2}{131}$	$\frac{88}{393}$	$\frac{43}{131}$	$\frac{1}{3}$	$\Phi_{393}^{2}\,\Phi_{131}^{3}\,\Phi_{3}\,\Phi_{1}^{3}$
45407	915	63	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{63}^{15}\,\Phi_{21}^{13}\,\Phi_{9}^{15}\,\Phi_{7}^{15}\,\Phi_{3}^{12}\,\Phi_{1}^{15}$
45408	915	252	$\frac{2}{63}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^{5}\,\Phi_{126}^{2}\,\Phi_{84}^{5}\,\Phi_{63}^{3}\,\Phi_{42}^{2}\,\Phi_{36}^{5}\,\Phi_{28}^{5}\,\Phi_{21}^{3}\,\Phi_{18}^{2}\,\Phi_{14}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{3}\,\Phi_{7}^{3}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
45409	915	630	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{29}{90}$	$\Phi_{630}^{2}\,\Phi_{315}^{2}\,\Phi_{126}^{2}\,\Phi_{90}^{3}\,\Phi_{63}^{2}\,\Phi_{45}^{3}\,\Phi_{18}^{3}\,\Phi_{9}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
45410	915	180	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{29}{90}$	$\Phi_{180}^{10}\,\Phi_{90}^{5}\,\Phi_{45}^{5}\,\Phi_{36}^{10}\,\Phi_{18}^{5}\,\Phi_{12}^{2}\,\Phi_{9}^{5}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
45411	915	264	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{27}{88}$	$\Phi_{264}^{4}\,\Phi_{132}^{4}\,\Phi_{88}^{2}\,\Phi_{66}^{4}\,\Phi_{44}^{2}\,\Phi_{33}^{4}\,\Phi_{24}^{6}\,\Phi_{22}^{2}\,\Phi_{12}^{6}\,\Phi_{11}^{2}\,\Phi_{8}^{3}\,\Phi_{6}^{5}\,\Phi_{4}^{3}\,\Phi_{3}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
45412	915	324	$\frac{19}{324}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{324}^{3}\,\Phi_{162}^{3}\,\Phi_{108}^{2}\,\Phi_{81}^{3}\,\Phi_{54}^{2}\,\Phi_{36}^{3}\,\Phi_{27}^{3}\,\Phi_{18}^{3}\,\Phi_{12}^{3}\,\Phi_{9}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
45413	915	432	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{1}{4}$	$\frac{127}{432}$	$\Phi_{432}^{3}\,\Phi_{216}^{3}\,\Phi_{108}^{3}\,\Phi_{54}^{3}\,\Phi_{36}^{2}\,\Phi_{27}^{3}\,\Phi_{18}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
45414	915	448	$\frac{3}{64}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{448}^{2}\,\Phi_{224}^{2}\,\Phi_{112}^{2}\,\Phi_{64}^{3}\,\Phi_{56}^{2}\,\Phi_{32}^{3}\,\Phi_{16}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
45415	915	560	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{19}{80}$	$\frac{2}{7}$	$\Phi_{560}^{2}\,\Phi_{280}^{2}\,\Phi_{112}^{2}\,\Phi_{80}^{3}\,\Phi_{56}^{2}\,\Phi_{40}^{3}\,\Phi_{16}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
45416	915	455	$\frac{4}{65}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{455}^{2}\,\Phi_{91}^{2}\,\Phi_{65}^{3}\,\Phi_{13}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
45417	915	525	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{14}{75}$	$\frac{2}{7}$	$\Phi_{525}^{2}\,\Phi_{175}^{2}\,\Phi_{75}^{3}\,\Phi_{25}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
45418	915	462	$\frac{5}{66}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{462}^{2}\,\Phi_{231}^{2}\,\Phi_{154}^{2}\,\Phi_{77}^{2}\,\Phi_{66}^{3}\,\Phi_{33}^{3}\,\Phi_{22}^{3}\,\Phi_{11}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
45419	915	504	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{72}$	$\frac{2}{7}$	$\Phi_{504}^{2}\,\Phi_{252}^{2}\,\Phi_{168}^{2}\,\Phi_{126}^{2}\,\Phi_{72}^{3}\,\Phi_{63}^{2}\,\Phi_{56}^{2}\,\Phi_{36}^{3}\,\Phi_{24}^{3}\,\Phi_{18}^{3}\,\Phi_{9}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
45420	915	70	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{70}^{13}\,\Phi_{35}^{13}\,\Phi_{14}^{13}\,\Phi_{10}^{12}\,\Phi_{7}^{15}\,\Phi_{5}^{12}\,\Phi_{2}^{12}\,\Phi_{1}^{15}$
45421	915	408	$\frac{1}{34}$	$\frac{33}{136}$	$\frac{1}{4}$	$\frac{103}{408}$	$\Phi_{408}^{3}\,\Phi_{204}^{3}\,\Phi_{102}^{3}\,\Phi_{68}^{2}\,\Phi_{51}^{3}\,\Phi_{34}\,\Phi_{24}^{3}\,\Phi_{17}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}\,\Phi_{3}^{3}\,\Phi_{1}$
45422	915	192	$\frac{3}{64}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{192}^{6}\,\Phi_{96}^{6}\,\Phi_{64}^{3}\,\Phi_{48}^{6}\,\Phi_{32}^{3}\,\Phi_{24}^{6}\,\Phi_{16}^{3}\,\Phi_{12}^{2}\,\Phi_{8}^{3}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
45423	915	240	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{19}{80}$	$\frac{1}{4}$	$\Phi_{240}^{6}\,\Phi_{120}^{6}\,\Phi_{80}^{3}\,\Phi_{48}^{6}\,\Phi_{40}^{3}\,\Phi_{24}^{6}\,\Phi_{16}^{3}\,\Phi_{12}^{2}\,\Phi_{8}^{3}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
45424	915	72	$\frac{1}{18}$	$\frac{11}{72}$	$\frac{17}{72}$	$\frac{1}{4}$	$\Phi_{72}^{12}\,\Phi_{36}^{14}\,\Phi_{24}^{12}\,\Phi_{18}^{13}\,\Phi_{12}^{14}\,\Phi_{9}^{13}\,\Phi_{8}^{12}\,\Phi_{6}^{13}\,\Phi_{4}^{13}\,\Phi_{3}^{13}\,\Phi_{2}^{12}\,\Phi_{1}^{13}$
45425	915	396	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{396}$	$\frac{1}{4}$	$\Phi_{396}^{2}\,\Phi_{198}^{2}\,\Phi_{132}^{2}\,\Phi_{99}^{3}\,\Phi_{66}^{2}\,\Phi_{44}^{2}\,\Phi_{36}^{3}\,\Phi_{33}^{3}\,\Phi_{22}^{2}\,\Phi_{18}^{3}\,\Phi_{12}^{3}\,\Phi_{11}^{3}\,\Phi_{9}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
45426	915	780	$\frac{4}{65}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{780}^{2}\,\Phi_{390}\,\Phi_{260}\,\Phi_{195}\,\Phi_{156}^{2}\,\Phi_{78}\,\Phi_{65}\,\Phi_{52}\,\Phi_{39}\,\Phi_{13}\,\Phi_{12}^{2}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
45427	915	300	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{14}{75}$	$\frac{1}{4}$	$\Phi_{300}^{5}\,\Phi_{150}^{2}\,\Phi_{100}^{5}\,\Phi_{75}^{3}\,\Phi_{50}^{2}\,\Phi_{25}^{3}\,\Phi_{12}^{2}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
45428	915	68	$\frac{7}{68}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{68}^{13}\,\Phi_{34}^{13}\,\Phi_{17}^{15}\,\Phi_{4}^{12}\,\Phi_{2}^{12}\,\Phi_{1}^{15}$
45429	915	132	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{132}^{10}\,\Phi_{66}^{5}\,\Phi_{44}^{10}\,\Phi_{33}^{5}\,\Phi_{22}^{5}\,\Phi_{12}^{2}\,\Phi_{11}^{5}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
45430	915	72	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{72}^{15}\,\Phi_{36}^{15}\,\Phi_{24}^{15}\,\Phi_{18}^{15}\,\Phi_{12}^{2}\,\Phi_{9}^{15}\,\Phi_{8}^{15}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
45431	915	600	$\frac{17}{200}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{600}^{2}\,\Phi_{300}^{2}\,\Phi_{200}\,\Phi_{150}^{2}\,\Phi_{120}^{2}\,\Phi_{100}\,\Phi_{75}^{2}\,\Phi_{50}\,\Phi_{40}\,\Phi_{25}\,\Phi_{24}^{2}\,\Phi_{12}^{2}\,\Phi_{8}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
45432	915	420	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{420}^{4}\,\Phi_{210}^{2}\,\Phi_{140}^{2}\,\Phi_{105}^{2}\,\Phi_{84}^{4}\,\Phi_{70}\,\Phi_{42}^{2}\,\Phi_{35}\,\Phi_{28}^{2}\,\Phi_{21}^{2}\,\Phi_{14}\,\Phi_{12}^{2}\,\Phi_{7}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
45433	916	456	$\frac{1}{228}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{227}{456}$	$\Phi_{456}^{4}\,\Phi_{152}^{4}\,\Phi_{24}^{4}\,\Phi_{8}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
45434	916	366	$\frac{1}{183}$	$\frac{46}{183}$	$\frac{137}{366}$	$\frac{91}{183}$	$\Phi_{366}^{4}\,\Phi_{183}\,\Phi_{122}^{4}\,\Phi_{61}\,\Phi_{6}^{4}\,\Phi_{3}\,\Phi_{2}^{4}\,\Phi_{1}^{2}$
45435	916	306	$\frac{1}{153}$	$\frac{77}{306}$	$\frac{1}{3}$	$\frac{76}{153}$	$\Phi_{306}^{4}\,\Phi_{153}^{2}\,\Phi_{102}^{4}\,\Phi_{51}^{2}\,\Phi_{34}^{4}\,\Phi_{18}^{4}\,\Phi_{17}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{4}\,\Phi_{3}\,\Phi_{2}^{4}\,\Phi_{1}^{2}$
45436	916	455	$\frac{3}{455}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{226}{455}$	$\Phi_{455}^{2}\,\Phi_{91}^{2}\,\Phi_{65}^{2}\,\Phi_{35}^{2}\,\Phi_{13}^{2}\,\Phi_{7}^{2}\,\Phi_{5}^{3}\,\Phi_{1}^{4}$
45437	916	909	$\frac{7}{909}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{451}{909}$	$\Phi_{909}\,\Phi_{303}\,\Phi_{101}\,\Phi_{9}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
45438	916	305	$\frac{3}{305}$	$\frac{76}{305}$	$\frac{77}{305}$	$\frac{151}{305}$	$\Phi_{305}^{3}\,\Phi_{61}^{3}\,\Phi_{5}^{3}\,\Phi_{1}^{4}$
45439	916	427	$\frac{1}{61}$	$\frac{31}{427}$	$\frac{198}{427}$	$\frac{30}{61}$	$\Phi_{427}^{2}\,\Phi_{61}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{4}$
45440	916	450	$\frac{4}{225}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{221}{450}$	$\Phi_{450}^{4}\,\Phi_{150}^{4}\,\Phi_{90}^{4}\,\Phi_{50}^{4}\,\Phi_{30}^{4}\,\Phi_{18}^{4}\,\Phi_{15}\,\Phi_{10}^{4}\,\Phi_{6}^{4}\,\Phi_{5}\,\Phi_{3}\,\Phi_{2}^{4}\,\Phi_{1}^{2}$
45441	916	450	$\frac{4}{225}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{221}{450}$	$\Phi_{450}^{4}\,\Phi_{150}^{4}\,\Phi_{90}^{4}\,\Phi_{50}^{4}\,\Phi_{30}^{4}\,\Phi_{18}^{4}\,\Phi_{10}^{4}\,\Phi_{9}^{2}\,\Phi_{6}^{4}\,\Phi_{3}\,\Phi_{2}^{4}\,\Phi_{1}^{2}$
45442	916	450	$\frac{4}{225}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{221}{450}$	$\Phi_{450}^{4}\,\Phi_{150}^{4}\,\Phi_{90}^{4}\,\Phi_{50}^{4}\,\Phi_{30}^{4}\,\Phi_{18}^{4}\,\Phi_{10}^{4}\,\Phi_{6}^{4}\,\Phi_{5}^{3}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
45443	916	255	$\frac{1}{51}$	$\frac{26}{255}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{255}^{4}\,\Phi_{85}^{4}\,\Phi_{51}^{2}\,\Phi_{17}^{2}\,\Phi_{15}^{4}\,\Phi_{5}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
45444	916	1380	$\frac{1}{46}$	$\frac{47}{276}$	$\frac{1}{5}$	$\frac{45}{92}$	$\Phi_{1380}\,\Phi_{690}\,\Phi_{345}\,\Phi_{230}\,\Phi_{115}\,\Phi_{60}\,\Phi_{30}\,\Phi_{15}\,\Phi_{10}$
45445	916	891	$\frac{25}{891}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{433}{891}$	$\Phi_{891}\,\Phi_{297}\,\Phi_{99}\,\Phi_{81}\,\Phi_{33}\,\Phi_{27}^{2}\,\Phi_{11}\,\Phi_{9}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
45446	916	1326	$\frac{8}{221}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{213}{442}$	$\Phi_{1326}^{2}\,\Phi_{102}^{2}\,\Phi_{78}^{2}\,\Phi_{51}\,\Phi_{6}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
45447	916	243	$\frac{1}{27}$	$\frac{14}{243}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{243}^4\ \Phi_{81}^4\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
45448	916	440	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{211}{440}$	$\Phi_{440}^4\ \Phi_{88}^4\ \Phi_{40}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
45449	916	867	$\frac{2}{51}$	$\frac{49}{867}$	$\frac{1}{3}$	$\frac{409}{867}$	$\Phi_{867}\ \Phi_{289}\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_3\ \Phi_1^2$
45450	916	714	$\frac{9}{238}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
45451	916	432	$\frac{1}{27}$	$\frac{13}{216}$	$\frac{1}{3}$	$\frac{203}{432}$	$\Phi_{432}^4\ \Phi_{144}^4\ \Phi_{48}^4\ \Phi_{27}^2\ \Phi_{16}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
45452	916	675	$\frac{8}{225}$	$\frac{1}{15}$	$\frac{217}{675}$	$\frac{7}{15}$	$\Phi_{675}^2\ \Phi_{135}^2\ \Phi_{27}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
45453	916	240	$\frac{11}{240}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
45454	916	300	$\frac{4}{75}$	$\frac{1}{15}$	$\frac{71}{300}$	$\frac{7}{15}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{60}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
45455	916	495	$\frac{1}{15}$	$\frac{37}{495}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
45456	916	270	$\frac{1}{15}$	$\frac{4}{45}$	$\frac{41}{270}$	$\frac{7}{15}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
45457	916	525	$\frac{1}{15}$	$\frac{8}{75}$	$\frac{67}{525}$	$\frac{7}{15}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
45458	916	240	$\frac{11}{240}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
45459	916	2070	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{1}{5}$	$\frac{185}{414}$	$\Phi_{2070}\ \Phi_{690}\ \Phi_{230}\ \Phi_{115}\ \Phi_{90}\ \Phi_{30}\ \Phi_{10}$
45460	916	234	$\frac{5}{234}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{234}^4\ \Phi_{117}^4\ \Phi_{78}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
45461	916	408	$\frac{1}{51}$	$\frac{25}{204}$	$\frac{1}{3}$	$\frac{179}{408}$	$\Phi_{408}^4\ \Phi_{136}^4\ \Phi_{51}^2\ \Phi_{24}^4\ \Phi_{17}^2\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
45462	916	805	$\frac{4}{115}$	$\frac{111}{805}$	$\frac{1}{5}$	$\frac{347}{805}$	$\Phi_{805}\ \Phi_{161}\ \Phi_{115}^2\ \Phi_{35}\ \Phi_{23}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
45463	916	765	$\frac{2}{153}$	$\frac{151}{765}$	$\frac{1}{3}$	$\frac{307}{765}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}^2\ \Phi_{85}\ \Phi_{51}^2\ \Phi_{45}\ \Phi_{17}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
45464	916	260	$\frac{3}{65}$	$\frac{31}{260}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{260}^4\ \Phi_{130}^4\ \Phi_{65}^2\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{20}^4\ \Phi_{13}^2\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
45465	916	245	$\frac{16}{245}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{245}^4\ \Phi_{49}^4\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5^3\ \Phi_1^4$
45466	916	1840	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{45}{184}$	$\frac{139}{368}$	$\Phi_{1840}\ \Phi_{230}\ \Phi_{115}\ \Phi_{80}\ \Phi_{10}$
45467	916	366	$\frac{1}{61}$	$\frac{15}{61}$	$\frac{46}{183}$	$\frac{137}{366}$	$\Phi_{366}^4\ \Phi_{122}^4\ \Phi_{61}^3\ \Phi_6^4\ \Phi_2^4\ \Phi_1^4$
45468	916	345	$\frac{2}{115}$	$\frac{1}{5}$	$\frac{113}{345}$	$\frac{116}{345}$	$\Phi_{345}^2\ \Phi_{115}^4\ \Phi_{69}^2\ \Phi_{23}^4\ \Phi_{15}^2\ \Phi_5^3\ \Phi_3^2\ \Phi_1^4$
45469	916	231	$\frac{2}{231}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}^4\ \Phi_{77}^4\ \Phi_{33}^4\ \Phi_{21}^4\ \Phi_{11}^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
45470	916	342	$\frac{1}{114}$	$\frac{113}{342}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{342}^4\ \Phi_{171}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
45471	916	696	$\frac{3}{232}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{232}^2\ \Phi_{174}\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
45472	916	912	$\frac{1}{76}$	$\frac{75}{304}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}^2\ \Phi_{152}^2\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
45473	916	285	$\frac{1}{57}$	$\frac{56}{285}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{285}^4\ \Phi_{95}^4\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
45474	916	234	$\frac{5}{234}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{234}^4\ \Phi_{117}^4\ \Phi_{78}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
45475	916	798	$\frac{1}{38}$	$\frac{37}{266}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
45476	916	513	$\frac{2}{57}$	$\frac{55}{513}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{513}^2\ \Phi_{171}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
45477	916	240	$\frac{11}{240}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
45478	916	741	$\frac{1}{19}$	$\frac{18}{247}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{741}\ \Phi_{247}^2\ \Phi_{39}\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
45479	916	675	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{217}{675}$	$\frac{1}{3}$	$\Phi_{675}^2\ \Phi_{135}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
45480	916	663	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{205}{663}$	$\frac{1}{3}$	$\Phi_{663}\ \Phi_{221}^2\ \Phi_{51}^2\ \Phi_{39}\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
45481	916	243	$\frac{14}{243}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{243}^4\ \Phi_{81}^3\ \Phi_{27}^4\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
45482	916	324	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{95}{324}$	$\frac{1}{3}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{81}^4\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
45483	916	306	$\frac{1}{51}$	$\frac{25}{102}$	$\frac{77}{306}$	$\frac{1}{3}$	$\Phi_{306}^4\ \Phi_{153}^4\ \Phi_{51}^2\ \Phi_{18}^4\ \Phi_{17}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
45484	916	270	$\frac{1}{27}$	$\frac{41}{270}$	$\frac{13}{54}$	$\frac{1}{3}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{27}^2\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^2\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
45485	916	297	$\frac{2}{27}$	$\frac{25}{297}$	$\frac{68}{297}$	$\frac{1}{3}$	$\Phi_{297}^3\ \Phi_{99}^3\ \Phi_{33}^3\ \Phi_{27}^4\ \Phi_{11}^3\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
45486	916	495	$\frac{37}{495}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
45487	916	270	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{270}$	$\frac{1}{3}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{10}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
45488	916	1380	$\frac{1}{23}$	$\frac{47}{276}$	$\frac{1}{5}$	$\frac{22}{69}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{230}\ \Phi_{115}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
45489	916	330	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{101}{330}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
45490	916	240	$\frac{11}{240}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
45491	916	244	$\frac{15}{244}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{244}^4\ \Phi_{122}^4\ \Phi_{61}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
45492	916	300	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{71}{300}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{60}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
45493	916	250	$\frac{21}{250}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{250}^4\ \Phi_{125}^4\ \Phi_{50}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
45494	916	270	$\frac{4}{45}$	$\frac{41}{270}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
45495	917	1824	$\frac{5}{912}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{907}{1824}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{96}\ \Phi_{32}\ \Phi_8\ \Phi_1$
45496	917	780	$\frac{1}{130}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{129}{260}$	$\Phi_{390}^2\ \Phi_{260}\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
45497	917	2340	$\frac{1}{130}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{129}{260}$	$\Phi_{2340}\ \Phi_{468}\ \Phi_{260}\ \Phi_{180}\ \Phi_{52}\ \Phi_{36}\ \Phi_{20}\ \Phi_9\ \Phi_4\ \Phi_1$
45498	917	1032	$\frac{2}{129}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{127}{258}$	$\Phi_{1032}\ \Phi_{516}\ \Phi_{344}\ \Phi_{172}\ \Phi_{129}\ \Phi_{43}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
45499	917	1104	$\frac{3}{184}$	$\frac{187}{1104}$	$\frac{1}{4}$	$\frac{181}{368}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{48}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
45500	917	1800	$\frac{17}{900}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{883}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
45501	917	176	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{45}{176}$	$\frac{43}{88}$	$\Phi_{176}^7\ \Phi_{88}^4\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{16}^7\ \Phi_{11}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
45502	917	256	$\frac{3}{128}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{125}{256}$	$\Phi_{256}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
45503	917	504	$\frac{5}{126}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{121}{252}$	$\Phi_{504}^2\ \Phi_{252}\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}^4\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
45504	917	1760	$\frac{37}{880}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{843}{1760}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
45505	917	960	$\frac{43}{960}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
45506	917	968	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{111}{242}$	$\Phi_{968}\ \Phi_{484}\ \Phi_{121}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
45507	917	144	$\frac{1}{12}$	$\frac{13}{144}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{144}^7\ \Phi_{72}^7\ \Phi_{48}^7\ \Phi_{36}^7\ \Phi_{24}^4\ \Phi_{18}^7\ \Phi_{16}^7\ \Phi_{12}^3\ \Phi_9^7\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
45508	917	240	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{8}$	$\frac{109}{240}$	$\Phi_{240}^7\ \Phi_{80}^7\ \Phi_{48}^7\ \Phi_{24}^4\ \Phi_{16}^7\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
45509	917	1656	$\frac{3}{92}$	$\frac{89}{828}$	$\frac{1}{4}$	$\frac{739}{1656}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{184}\ \Phi_{92}\ \Phi_{72}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_8\ \Phi_1$
45510	917	780	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{64}{195}$	$\frac{5}{12}$	$\Phi_{780}^2\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
45511	917	540	$\frac{4}{135}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{540}^3\ \Phi_{180}^3\ \Phi_{135}\ \Phi_{108}^3\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^3\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^3\ \Phi_9\ \Phi_4^3\ \Phi_3\ \Phi_1$
45512	917	156	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{156}^5\ \Phi_{78}^7\ \Phi_{52}^5\ \Phi_{39}^7\ \Phi_{26}^6\ \Phi_{13}^6\ \Phi_{12}^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
45513	917	420	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^3\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^3\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{14}^3\ \Phi_{12}\ \Phi_{10}^2\ \Phi_7^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
45514	917	1716	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{143}\ \Phi_{132}\ \Phi_{44}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
45515	917	440	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{21}{110}$	$\frac{89}{220}$	$\Phi_{440}^2\ \Phi_{220}\ \Phi_{110}^2\ \Phi_{88}^4\ \Phi_{55}^2\ \Phi_{44}^3\ \Phi_{40}^2\ \Phi_{22}^3\ \Phi_{20}\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
45516	917	1472	$\frac{3}{184}$	$\frac{181}{736}$	$\frac{1}{4}$	$\frac{555}{1472}$	$\Phi_{1472}\ \Phi_{184}\ \Phi_{92}\ \Phi_{64}\ \Phi_{46}\ \Phi_{23}\ \Phi_8\ \Phi_1$
45517	917	1368	$\frac{5}{456}$	$\frac{1}{4}$	$\frac{451}{1368}$	$\frac{3}{8}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
45518	917	928	$\frac{11}{928}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{928}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{32}\ \Phi_{29}\ \Phi_{8}\ \Phi_{1}$
45519	917	1216	$\frac{5}{304}$	$\frac{299}{1216}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{64}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
45520	917	936	$\frac{19}{936}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
45521	917	152	$\frac{5}{152}$	$\frac{21}{152}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{152}^6\ \Phi_{76}^6\ \Phi_{38}^6\ \Phi_{19}^6\ \Phi_{8}^7\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^7$
45522	917	136	$\frac{5}{136}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{136}^7\ \Phi_{68}^7\ \Phi_{34}^7\ \Phi_{17}^7\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
45523	917	960	$\frac{43}{960}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
45524	917	792	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{32}{99}$	$\frac{67}{198}$	$\Phi_{792}\ \Phi_{396}\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{99}\ \Phi_{88}^2\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
45525	917	585	$\frac{1}{65}$	$\frac{2}{9}$	$\frac{64}{195}$	$\frac{1}{3}$	$\Phi_{585}^2\ \Phi_{195}\ \Phi_{117}^2\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{15}\ \Phi_{9}^3\ \Phi_{3}\ \Phi_{1}$
45526	917	135	$\frac{4}{135}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{135}^7\ \Phi_{45}^6\ \Phi_{27}^7\ \Phi_{15}^7\ \Phi_{9}^7\ \Phi_{5}^6\ \Phi_{3}^7\ \Phi_{1}^7$
45527	917	468	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{468}^3\ \Phi_{234}^2\ \Phi_{156}\ \Phi_{117}^2\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}^3\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{9}^3\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
45528	917	1260	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{70}\ \Phi_{63}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
45529	917	1287	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1287}\ \Phi_{143}\ \Phi_{99}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
45530	917	1104	$\frac{3}{92}$	$\frac{187}{1104}$	$\frac{1}{4}$	$\frac{89}{276}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{48}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
45531	917	192	$\frac{3}{64}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{61}{192}$	$\Phi_{192}^7\ \Phi_{96}^7\ \Phi_{48}^7\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_{8}^3\ \Phi_{6}^7\ \Phi_{4}^2\ \Phi_{3}^7\ \Phi_{2}^2\ \Phi_{1}^3$
45532	917	1320	$\frac{3}{40}$	$\frac{37}{440}$	$\frac{1}{4}$	$\frac{403}{1320}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
45533	917	140	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{140}^7\ \Phi_{70}^7\ \Phi_{35}^7\ \Phi_{28}^7\ \Phi_{20}^3\ \Phi_{14}^7\ \Phi_{10}^5\ \Phi_{7}^7\ \Phi_{5}^5\ \Phi_{4}^2\ \Phi_{2}^4\ \Phi_{1}^5$
45534	917	960	$\frac{43}{960}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
45535	917	144	$\frac{13}{144}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{144}^7\ \Phi_{72}^5\ \Phi_{48}^7\ \Phi_{36}^5\ \Phi_{24}^7\ \Phi_{18}^6\ \Phi_{16}^7\ \Phi_{12}^7\ \Phi_{9}^6\ \Phi_{8}^6\ \Phi_{6}^7\ \Phi_{4}^6\ \Phi_{3}^7\ \Phi_{2}^6\ \Phi_{1}^7$
45536	917	360	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{60}$	$\frac{49}{180}$	$\Phi_{360}^4\ \Phi_{180}^3\ \Phi_{90}^3\ \Phi_{72}^4\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{24}^4\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{9}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
45537	917	1200	$\frac{17}{300}$	$\frac{3}{20}$	$\frac{283}{1200}$	$\frac{1}{4}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{120}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
45538	917	144	$\frac{13}{144}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{144}^7\ \Phi_{72}^7\ \Phi_{48}^7\ \Phi_{36}^7\ \Phi_{24}^7\ \Phi_{18}^7\ \Phi_{12}^7\ \Phi_{9}^7\ \Phi_{8}^3\ \Phi_{6}^7\ \Phi_{4}^2\ \Phi_{3}^7\ \Phi_{2}^2\ \Phi_{1}^3$
45539	917	160	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{29}{160}$	$\frac{1}{4}$	$\Phi_{160}^7\ \Phi_{80}^7\ \Phi_{40}^7\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_{8}^3\ \Phi_{5}^7\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
45540	917	1000	$\frac{83}{1000}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
45541	917	1080	$\frac{17}{180}$	$\frac{3}{20}$	$\frac{163}{1080}$	$\frac{1}{4}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
45542	917	168	$\frac{5}{42}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{37}{168}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{42}^6\ \Phi_{28}^5\ \Phi_{24}^7\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{12}^7\ \Phi_{8}^6\ \Phi_{7}^6\ \Phi_{6}^7\ \Phi_{4}^6\ \Phi_{3}^7\ \Phi_{2}^6\ \Phi_{1}^7$
45543	918	1520	$\frac{1}{152}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{151}{304}$	$\Phi_{1520}\ \Phi_{304}^2\ \Phi_{80}\ \Phi_{16}^2\ \Phi_{5}\ \Phi_{1}^2$
45544	918	912	$\frac{1}{152}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{151}{304}$	$\Phi_{912}^3\ \Phi_{48}^3\ \Phi_{12}\ \Phi_{6}$
45545	918	262	$\frac{1}{131}$	$\frac{22}{131}$	$\frac{109}{262}$	$\frac{65}{131}$	$\Phi_{262}^6\ \Phi_{131}\ \Phi_{2}^6\ \Phi_{1}^2$
45546	918	910	$\frac{4}{455}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{451}{910}$	$\Phi_{910}^2\ \Phi_{182}^2\ \Phi_{130}^2\ \Phi_{70}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{7}\ \Phi_{2}^2\ \Phi_{1}^2$
45547	918	2730	$\frac{4}{455}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{451}{910}$	$\Phi_{2730}\ \Phi_{546}\ \Phi_{390}\ \Phi_{210}\ \Phi_{78}\ \Phi_{42}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
45548	918	1616	$\frac{1}{101}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{50}{101}$	$\Phi_{1616}\ \Phi_{101}\ \Phi_{16}^2\ \Phi_{1}^2$
45549	918	404	$\frac{1}{101}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{50}{101}$	$\Phi_{404}^2\ \Phi_{202}^2\ \Phi_{101}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
45550	918	552	$\frac{1}{92}$	$\frac{31}{184}$	$\frac{1}{3}$	$\frac{91}{184}$	$\Phi_{552}^2\ \Phi_{276}^3\ \Phi_{138}^3\ \Phi_{69}^3\ \Phi_{24}^2\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{3}^2$
45551	918	917	$\frac{13}{917}$	$\frac{155}{917}$	$\frac{254}{917}$	$\frac{452}{917}$	$\Phi_{917}\ \Phi_{131}\ \Phi_{7}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
45552	918	1228	$\frac{5}{307}$	$\frac{52}{307}$	$\frac{1}{4}$	$\frac{151}{307}$	$\Phi_{1228}\ \Phi_{614}$
45553	918	301	$\frac{5}{301}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{148}{301}$	$\Phi_{301}^3\ \Phi_{43}^3\ \Phi_7^5\ \Phi_1^6$
45554	918	1696	$\frac{1}{53}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{26}{53}$	$\Phi_{1696}\ \Phi_{53}\ \Phi_{32}^2\ \Phi_1^2$
45555	918	1272	$\frac{1}{53}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{26}{53}$	$\Phi_{1272}\ \Phi_{636}\ \Phi_{318}\ \Phi_{159}\ \Phi_{53}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
45556	918	1060	$\frac{1}{53}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{26}{53}$	$\Phi_{1060}\ \Phi_{530}\ \Phi_{265}\ \Phi_{53}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
45557	918	616	$\frac{3}{154}$	$\frac{1}{7}$	$\frac{157}{616}$	$\frac{151}{308}$	$\Phi_{616}^2\ \Phi_{154}^2\ \Phi_{88}^2\ \Phi_{77}^2\ \Phi_{56}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
45558	918	1700	$\frac{1}{50}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{49}{100}$	$\Phi_{1700}\ \Phi_{340}\ \Phi_{100}^2\ \Phi_{68}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
45559	918	300	$\frac{1}{50}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{300}^9\ \Phi_{60}^9\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^9\ \Phi_6$
45560	918	1700	$\frac{1}{50}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{49}{100}$	$\Phi_{1700}\ \Phi_{340}\ \Phi_{100}^2\ \Phi_{68}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
45561	918	700	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{49}{100}$	$\Phi_{700}\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{140}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{14}^3\ \Phi_7^2$
45562	918	896	$\frac{11}{448}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{437}{896}$	$\Phi_{896}^2\ \Phi_{128}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
45563	918	1716	$\frac{1}{33}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{16}{33}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{156}\ \Phi_{132}\ \Phi_{52}^2\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
45564	918	429	$\frac{1}{33}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{16}{33}$	$\Phi_{429}^2\ \Phi_{143}^2\ \Phi_{39}^2\ \Phi_{33}^3\ \Phi_{13}^4\ \Phi_{11}^3\ \Phi_3^3\ \Phi_1^6$
45565	918	660	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{660}^2\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
45566	918	468	$\frac{1}{26}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{468}^4\ \Phi_{156}^3\ \Phi_{52}^4\ \Phi_{36}^4\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
45567	918	572	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{25}{52}$	$\Phi_{572}^3\ \Phi_{52}^4\ \Phi_{44}^3\ \Phi_{22}^2\ \Phi_{11}\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
45568	918	917	$\frac{37}{917}$	$\frac{53}{917}$	$\frac{288}{917}$	$\frac{440}{917}$	$\Phi_{917}\ \Phi_{131}\ \Phi_7\ \Phi_1^2$
45569	918	98	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{47}{98}$	$\Phi_{98}^{18}\ \Phi_{14}^{18}\ \Phi_7^5\ \Phi_2^{18}\ \Phi_1^6$
45570	918	2640	$\frac{19}{440}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{421}{880}$	$\Phi_{2640}\ \Phi_{528}\ \Phi_{240}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
45571	918	1232	$\frac{1}{22}$	$\frac{23}{176}$	$\frac{1}{7}$	$\frac{21}{44}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{154}\ \Phi_{112}\ \Phi_{77}\ \Phi_{56}\ \Phi_{14}$
45572	918	1030	$\frac{5}{103}$	$\frac{1}{10}$	$\frac{18}{103}$	$\frac{49}{103}$	$\Phi_{1030}\ \Phi_{515}\ \Phi_{206}$
45573	918	480	$\frac{7}{160}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{120}^2\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
45574	918	2622	$\frac{1}{23}$	$\frac{22}{437}$	$\frac{1}{3}$	$\frac{415}{874}$	$\Phi_{2622}\ \Phi_{138}\ \Phi_{114}\ \Phi_{69}\ \Phi_6$
45575	918	131	$\frac{7}{131}$	$\frac{12}{131}$	$\frac{23}{131}$	$\frac{62}{131}$	$\Phi_{131}^7\ \Phi_1^8$
45576	918	1228	$\frac{17}{307}$	$\frac{18}{307}$	$\frac{1}{4}$	$\frac{145}{307}$	$\Phi_{1228}\ \Phi_{614}$
45577	918	425	$\frac{1}{25}$	$\frac{1}{17}$	$\frac{8}{25}$	$\frac{8}{17}$	$\Phi_{425}^2\ \Phi_{85}^2\ \Phi_{25}^4\ \Phi_{17}^3\ \Phi_5^4\ \Phi_1^6$
45578	918	612	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{612}^2\ \Phi_{306}\ \Phi_{204}^2\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}^4\ \Phi_{18}^2\ \Phi_{17}\ \Phi_{12}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
45579	918	935	$\frac{1}{17}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{55}^2\ \Phi_{17}\ \Phi_{11}^2\ \Phi_1^2$
45580	918	340	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{8}{17}$	$\Phi_{340}^3\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{68}^3\ \Phi_{34}^2\ \Phi_{20}^6\ \Phi_{17}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
45581	918	672	$\frac{1}{28}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{672}^4\ \Phi_{96}^3\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
45582	918	1696	$\frac{2}{53}$	$\frac{1}{16}$	$\frac{17}{53}$	$\frac{15}{32}$	$\Phi_{1696}\ \Phi_{53}\ \Phi_{32}^2\ \Phi_1^2$
45583	918	608	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{608}^3\ \Phi_{76}\ \Phi_{38}$
45584	918	1696	$\frac{1}{16}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{15}{32}$	$\Phi_{1696}\ \Phi_{53}\ \Phi_{32}^2\ \Phi_1^2$
45585	918	1120	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{1120}^2\ \Phi_{224}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
45586	918	2002	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{133}{286}$	$\Phi_{2002}\ \Phi_{182}\ \Phi_{154}\ \Phi_{77}\ \Phi_{14}$
45587	918	56	$\frac{1}{14}$	$\frac{5}{56}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{56}^{18}\ \Phi_{28}^{12}\ \Phi_{14}^{18}\ \Phi_8^{18}\ \Phi_7^{17}\ \Phi_4^{12}\ \Phi_2^{18}\ \Phi_1^{18}$
45588	918	917	$\frac{29}{917}$	$\frac{69}{917}$	$\frac{296}{917}$	$\frac{424}{917}$	$\Phi_{917}\ \Phi_{131}\ \Phi_7\ \Phi_1^2$
45589	918	450	$\frac{1}{18}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{90}^3\ \Phi_{75}^2\ \Phi_{45}^3\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{10}\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
45590	918	847	$\frac{6}{77}$	$\frac{71}{847}$	$\frac{1}{7}$	$\frac{388}{847}$	$\Phi_{847}\ \Phi_{121}\ \Phi_{77}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_1^2$
45591	918	198	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{198}^5\ \Phi_{99}^5\ \Phi_{66}^5\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{18}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
45592	918	280	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{7}$	$\frac{127}{280}$	$\Phi_{280}^6\ \Phi_{56}^6\ \Phi_{40}^6\ \Phi_{14}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
45593	918	917	$\frac{44}{917}$	$\frac{97}{917}$	$\frac{169}{917}$	$\frac{410}{917}$	$\Phi_{917}\ \Phi_{131}\ \Phi_7\ \Phi_1^2$
45594	918	1228	$\frac{10}{307}$	$\frac{33}{307}$	$\frac{1}{4}$	$\frac{137}{307}$	$\Phi_{1228}\ \Phi_{614}$
45595	918	276	$\frac{1}{46}$	$\frac{5}{46}$	$\frac{1}{3}$	$\frac{41}{92}$	$\Phi_{276}^9\ \Phi_{138}\ \Phi_{69}\ \Phi_{12}^9\ \Phi_6$
45596	918	624	$\frac{1}{52}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{624}^4\ \Phi_{156}\ \Phi_{78}\ \Phi_{48}^3\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
45597	918	1616	$\frac{2}{101}$	$\frac{1}{8}$	$\frac{33}{101}$	$\frac{7}{16}$	$\Phi_{1616}\ \Phi_{101}\ \Phi_{16}^2\ \Phi_1^2$
45598	918	560	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{560}^3\ \Phi_{140}\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
45599	918	1616	$\frac{5}{101}$	$\frac{1}{8}$	$\frac{16}{101}$	$\frac{7}{16}$	$\Phi_{1616}\ \Phi_{101}\ \Phi_{16}^2\ \Phi_1^2$
45600	918	1008	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
45601	918	330	$\frac{1}{55}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{330}^5\ \Phi_{165}\ \Phi_{110}^5\ \Phi_{66}^5\ \Phi_{33}\ \Phi_{30}^4\ \Phi_{22}^5\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
45602	918	420	$\frac{1}{28}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^3\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^3\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
45603	918	84	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{84}^{14}\ \Phi_{42}^{14}\ \Phi_{28}^6\ \Phi_{21}^{12}\ \Phi_{14}^6\ \Phi_{12}^{14}\ \Phi_7^5\ \Phi_6^{14}\ \Phi_4^6\ \Phi_3^{12}\ \Phi_2^6\ \Phi_1^6$
45604	918	182	$\frac{4}{91}$	$\frac{1}{7}$	$\frac{29}{182}$	$\frac{3}{7}$	$\Phi_{182}^6\ \Phi_{91}^4\ \Phi_{26}^6\ \Phi_{14}^6\ \Phi_{13}^4\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
45605	918	490	$\frac{31}{490}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{490}^2\ \Phi_{245}^2\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{49}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
45606	918	616	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{7}{44}$	$\frac{37}{88}$	$\Phi_{616}^3\ \Phi_{154}\ \Phi_{77}\ \Phi_{56}^3\ \Phi_{14}$
45607	918	1320	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{10}$
45608	918	262	$\frac{5}{131}$	$\frac{21}{131}$	$\frac{22}{131}$	$\frac{109}{262}$	$\Phi_{262}^6\ \Phi_{131}\ \Phi_2^6\ \Phi_1^2$
45609	918	770	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{74}{385}$	$\frac{311}{770}$	$\Phi_{770}^2\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}^2\ \Phi_{70}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
45610	918	380	$\frac{1}{76}$	$\frac{1}{5}$	$\frac{25}{76}$	$\frac{2}{5}$	$\Phi_{380}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{20}^2\ \Phi_{19}^4\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
45611	918	260	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{260}^3\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{52}^6\ \Phi_{26}^6\ \Phi_{20}^2\ \Phi_{13}^6\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
45612	918	190	$\frac{1}{38}$	$\frac{37}{190}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{190}^5\ \Phi_{95}^5\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{10}^5\ \Phi_5^6\ \Phi_2^4\ \Phi_1^6$
45613	918	140	$\frac{1}{28}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{140}^7\ \Phi_{70}^7\ \Phi_{35}^7\ \Phi_{28}^6\ \Phi_{20}^5\ \Phi_{14}^6\ \Phi_{10}^5\ \Phi_7^6\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
45614	918	160	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{160}^6\ \Phi_{80}^6\ \Phi_{40}^5\ \Phi_{32}^6\ \Phi_{20}^5\ \Phi_{16}^6\ \Phi_{10}^5\ \Phi_8^4\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
45615	918	95	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{95}^8\ \Phi_{19}^{16}\ \Phi_5^9\ \Phi_1^{18}$
45616	918	90	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{90}^{11}\ \Phi_{45}^{11}\ \Phi_{30}^{11}\ \Phi_{18}^{10}\ \Phi_{15}^{11}\ \Phi_{10}^5\ \Phi_9^{10}\ \Phi_6^{10}\ \Phi_5^6\ \Phi_3^{10}\ \Phi_2^4\ \Phi_1^6$
45617	918	28	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{28}^{32}\ \Phi_{14}^{34}\ \Phi_7^{33}\ \Phi_4^{32}\ \Phi_2^{34}\ \Phi_1^{34}$
45618	918	917	$\frac{11}{917}$	$\frac{205}{917}$	$\frac{302}{917}$	$\frac{356}{917}$	$\Phi_{917}\ \Phi_{131}\ \Phi_7\ \Phi_1^2$
45619	918	396	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{396}^4\ \Phi_{198}\ \Phi_{132}^4\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{36}^4\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}^4\ \Phi_4^2$
45620	918	2208	$\frac{1}{92}$	$\frac{91}{368}$	$\frac{1}{3}$	$\frac{277}{736}$	$\Phi_{2208}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}\ \Phi_{69}\ \Phi_{12}\ \Phi_6$
45621	918	1392	$\frac{5}{464}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
45622	918	1120	$\frac{1}{35}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
45623	918	1064	$\frac{1}{19}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{133}\ \Phi_{76}\ \Phi_{38}$
45624	918	988	$\frac{1}{52}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{988}\ \Phi_{494}\ \Phi_{247}\ \Phi_{76}\ \Phi_{38}$
45625	918	70	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{70}^{21}\ \Phi_{35}^6\ \Phi_{14}^{18}\ \Phi_{10}^{21}\ \Phi_7^5\ \Phi_5^6\ \Phi_2^{18}\ \Phi_1^6$
45626	918	131	$\frac{5}{131}$	$\frac{14}{131}$	$\frac{39}{131}$	$\frac{46}{131}$	$\Phi_{131}^7\ \Phi_1^8$
45627	918	494	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{494}^3\ \Phi_{247}\ \Phi_{38}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
45628	918	990	$\frac{1}{18}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{45}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{10}$
45629	918	917	$\frac{50}{917}$	$\frac{67}{917}$	$\frac{289}{917}$	$\frac{314}{917}$	$\Phi_{917}\ \Phi_{131}\ \Phi_{7}\ \Phi_{1}^{2}$
45630	918	1030	$\frac{4}{103}$	$\frac{1}{10}$	$\frac{33}{103}$	$\frac{35}{103}$	$\Phi_{1030}\ \Phi_{515}\ \Phi_{206}$
45631	918	77	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{25}{77}$	$\frac{26}{77}$	$\Phi_{77}^{12}\ \Phi_{11}^{12}\ \Phi_{7}^{11}\ \Phi_{1}^{12}$
45632	918	131	$\frac{2}{131}$	$\frac{29}{131}$	$\frac{43}{131}$	$\frac{44}{131}$	$\Phi_{131}^{7}\ \Phi_{1}^{8}$
45633	918	1228	$\frac{4}{307}$	$\frac{1}{4}$	$\frac{101}{307}$	$\frac{103}{307}$	$\Phi_{1228}\ \Phi_{614}$
45634	918	690	$\frac{1}{115}$	$\frac{38}{115}$	$\frac{1}{3}$	$\frac{77}{230}$	$\Phi_{690}^{3}\ \Phi_{345}\ \Phi_{138}^{3}\ \Phi_{69}\ \Phi_{30}^{3}\ \Phi_{15}\ \Phi_{6}^{3}$
45635	918	228	$\frac{1}{76}$	$\frac{1}{4}$	$\frac{25}{76}$	$\frac{1}{3}$	$\Phi_{228}^{6}\ \Phi_{114}^{6}\ \Phi_{57}^{6}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
45636	918	1380	$\frac{7}{460}$	$\frac{103}{460}$	$\frac{151}{460}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
45637	918	552	$\frac{1}{46}$	$\frac{31}{184}$	$\frac{15}{46}$	$\frac{1}{3}$	$\Phi_{552}^{3}\ \Phi_{276}^{3}\ \Phi_{138}\ \Phi_{69}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}$
45638	918	150	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{150}^{10}\ \Phi_{75}^{8}\ \Phi_{30}^{11}\ \Phi_{15}^{9}\ \Phi_{6}^{11}\ \Phi_{3}^{8}$
45639	918	276	$\frac{5}{92}$	$\frac{7}{92}$	$\frac{29}{92}$	$\frac{1}{3}$	$\Phi_{276}^{5}\ \Phi_{138}^{5}\ \Phi_{69}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
45640	918	234	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{234}^{4}\ \Phi_{117}^{4}\ \Phi_{78}^{4}\ \Phi_{39}^{2}\ \Phi_{26}^{4}\ \Phi_{18}^{6}\ \Phi_{13}^{4}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
45641	918	660	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{67}{220}$	$\frac{1}{3}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{165}^{2}\ \Phi_{132}^{2}\ \Phi_{66}^{2}\ \Phi_{60}^{3}\ \Phi_{33}^{2}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
45642	918	480	$\frac{7}{160}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{120}^{3}\ \Phi_{96}^{3}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{30}\ \Phi_{24}^{3}\ \Phi_{15}\ \Phi_{12}^{3}\ \Phi_{6}$
45643	918	1380	$\frac{19}{460}$	$\frac{49}{460}$	$\frac{137}{460}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
45644	918	168	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{168}^{4}\ \Phi_{84}^{5}\ \Phi_{56}^{8}\ \Phi_{42}^{5}\ \Phi_{28}^{8}\ \Phi_{24}^{3}\ \Phi_{21}^{5}\ \Phi_{14}^{8}\ \Phi_{12}^{4}\ \Phi_{8}^{6}\ \Phi_{7}^{8}\ \Phi_{6}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
45645	918	156	$\frac{1}{52}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^{9}\ \Phi_{78}^{9}\ \Phi_{39}^{9}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
45646	918	1824	$\frac{3}{152}$	$\frac{149}{608}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{96}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
45647	918	1140	$\frac{1}{38}$	$\frac{37}{190}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}^{2}\ \Phi_{570}\ \Phi_{285}\ \Phi_{60}^{2}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
45648	918	420	$\frac{1}{28}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{105}^{4}\ \Phi_{84}\ \Phi_{60}^{3}\ \Phi_{42}\ \Phi_{30}^{3}\ \Phi_{21}\ \Phi_{15}^{3}\ \Phi_{12}\ \Phi_{6}$
45649	918	1596	$\frac{3}{76}$	$\frac{73}{532}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{399}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
45650	918	480	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{120}^{3}\ \Phi_{96}^{3}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{12}\ \Phi_{6}$
45651	918	228	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^{8}\ \Phi_{114}^{8}\ \Phi_{12}^{9}\ \Phi_{6}^{9}$
45652	918	180	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^{8}\ \Phi_{90}^{4}\ \Phi_{60}^{6}\ \Phi_{45}^{4}\ \Phi_{36}^{4}\ \Phi_{30}^{3}\ \Phi_{20}^{8}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
45653	918	600	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{47}{200}$	$\frac{1}{3}$	$\Phi_{600}^{3}\ \Phi_{300}^{3}\ \Phi_{120}^{3}\ \Phi_{60}^{3}\ \Phi_{30}\ \Phi_{24}^{3}\ \Phi_{15}\ \Phi_{12}^{3}\ \Phi_{6}$
45654	918	1560	$\frac{4}{65}$	$\frac{61}{520}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{156}\ \Phi_{120}\ \Phi_{78}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
45655	918	1470	$\frac{31}{490}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{294}\ \Phi_{210}\ \Phi_{147}\ \Phi_{42}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
45656	918	330	$\frac{4}{55}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{330}^{5}\ \Phi_{165}^{4}\ \Phi_{66}^{5}\ \Phi_{33}^{4}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
45657	918	1500	$\frac{41}{500}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{375}\ \Phi_{300}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
45658	918	60	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{3}$	$\Phi_{60}^{27}\ \Phi_{30}^{19}\ \Phi_{15}^{19}\ \Phi_{12}^{27}\ \Phi_{6}^{19}\ \Phi_{3}^{18}$
45659	918	404	$\frac{2}{101}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{33}{101}$	$\Phi_{404}^{2}\ \Phi_{202}^{2}\ \Phi_{101}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
45660	918	917	$\frac{20}{917}$	$\frac{206}{917}$	$\frac{237}{917}$	$\frac{299}{917}$	$\Phi_{917}\ \Phi_{131}\ \Phi_{7}\ \Phi_{1}^{2}$
45661	918	1228	$\frac{7}{307}$	$\frac{69}{307}$	$\frac{1}{4}$	$\frac{100}{307}$	$\Phi_{1228}\ \Phi_{614}$
45662	918	1272	$\frac{2}{53}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{53}$	$\Phi_{1272}\ \Phi_{636}\ \Phi_{318}\ \Phi_{159}\ \Phi_{53}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
45663	918	1060	$\frac{2}{53}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{53}$	$\Phi_{1060}\ \Phi_{530}\ \Phi_{265}\ \Phi_{53}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
45664	918	425	$\frac{1}{25}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{8}{25}$	$\Phi_{425}^{2}\ \Phi_{85}^{2}\ \Phi_{25}^{4}\ \Phi_{17}^{3}\ \Phi_{5}^{4}\ \Phi_{1}^{6}$
45665	918	700	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{8}{25}$	$\Phi_{700}^{2}\ \Phi_{350}^{2}\ \Phi_{140}^{2}\ \Phi_{70}^{2}\ \Phi_{28}^{3}\ \Phi_{14}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
45666	918	917	$\frac{38}{917}$	$\frac{104}{917}$	$\frac{271}{917}$	$\frac{293}{917}$	$\Phi_{917}\ \Phi_{131}\ \Phi_{7}\ \Phi_{1}^{2}$
45667	918	154	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{5}{22}$	$\frac{7}{22}$	$\Phi_{154}^{7}\ \Phi_{77}^{7}\ \Phi_{14}^{7}\ \Phi_{7}^{6}$
45668	918	224	$\frac{11}{224}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{71}{224}$	$\Phi_{224}^{4}\ \Phi_{112}^{4}\ \Phi_{56}^{4}\ \Phi_{32}^{4}\ \Phi_{28}^{4}\ \Phi_{16}^{4}\ \Phi_{14}^{6}\ \Phi_{8}^{4}\ \Phi_{7}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
45669	918	917	$\frac{47}{917}$	$\frac{118}{917}$	$\frac{209}{917}$	$\frac{290}{917}$	$\Phi_{917}\ \Phi_{131}\ \Phi_{7}\ \Phi_{1}^{2}$
45670	918	1228	$\frac{16}{307}$	$\frac{35}{307}$	$\frac{1}{4}$	$\frac{97}{307}$	$\Phi_{1228}\ \Phi_{614}$
45671	918	286	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{4}{13}$	$\Phi_{286}^{4}\ \Phi_{143}^{2}\ \Phi_{26}^{4}\ \Phi_{22}^{6}\ \Phi_{13}^{4}\ \Phi_{11}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
45672	918	612	$\frac{1}{18}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{612}^{2}\ \Phi_{306}\ \Phi_{204}^{2}\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}^{4}\ \Phi_{18}^{2}\ \Phi_{17}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
45673	918	935	$\frac{4}{55}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{55}^{2}\ \Phi_{17}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
45674	918	340	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{3}{20}$	$\frac{5}{17}$	$\Phi_{340}^{3}\ \Phi_{170}^{2}\ \Phi_{85}^{2}\ \Phi_{68}^{3}\ \Phi_{34}^{2}\ \Phi_{20}^{6}\ \Phi_{17}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
45675	918	456	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{456}^{3}\ \Phi_{228}^{3}\ \Phi_{114}^{3}\ \Phi_{76}\ \Phi_{57}^{3}\ \Phi_{38}$
45676	918	1272	$\frac{5}{53}$	$\frac{1}{8}$	$\frac{8}{53}$	$\frac{7}{24}$	$\Phi_{1272}\ \Phi_{636}\ \Phi_{318}\ \Phi_{159}\ \Phi_{53}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
45677	918	840	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{168}\ \Phi_{105}^{2}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
45678	918	990	$\frac{1}{18}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{45}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{10}$
45679	918	56	$\frac{5}{56}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{56}^{18}\ \Phi_{28}^{18}\ \Phi_{14}^{18}\ \Phi_{8}^{18}\ \Phi_{7}^{5}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{6}$
45680	918	917	$\frac{41}{917}$	$\frac{146}{917}$	$\frac{220}{917}$	$\frac{257}{917}$	$\Phi_{917}\ \Phi_{131}\ \Phi_{7}\ \Phi_{1}^{2}$
45681	918	1228	$\frac{13}{307}$	$\frac{49}{307}$	$\frac{1}{4}$	$\frac{86}{307}$	$\Phi_{1228}\ \Phi_{614}$
45682	918	450	$\frac{1}{18}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{450}^{2}\ \Phi_{225}^{2}\ \Phi_{150}^{2}\ \Phi_{90}^{3}\ \Phi_{75}^{2}\ \Phi_{50}^{2}\ \Phi_{45}^{3}\ \Phi_{30}^{3}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
45683	918	70	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{70}$	$\frac{19}{70}$	$\Phi_{70}^{12}\ \Phi_{35}^{12}\ \Phi_{14}^{18}\ \Phi_{10}^{12}\ \Phi_{7}^{17}\ \Phi_{5}^{12}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
45684	918	1260	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{36}\ \Phi_{35}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}$
45685	918	140	$\frac{1}{35}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^{7}\ \Phi_{70}^{7}\ \Phi_{35}^{6}\ \Phi_{28}^{7}\ \Phi_{20}^{7}\ \Phi_{14}^{7}\ \Phi_{10}^{7}\ \Phi_{7}^{6}\ \Phi_{5}^{6}$
45686	918	404	$\frac{5}{101}$	$\frac{16}{101}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{404}^{2}\ \Phi_{202}^{2}\ \Phi_{101}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
45687	918	380	$\frac{1}{19}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{380}^{3}\ \Phi_{190}^{3}\ \Phi_{95}^{3}\ \Phi_{76}\ \Phi_{38}$
45688	918	252	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{252}^{4}\ \Phi_{126}^{5}\ \Phi_{84}^{4}\ \Phi_{63}^{5}\ \Phi_{42}^{5}\ \Phi_{28}^{2}\ \Phi_{21}^{5}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
45689	918	220	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{220}^{6}\ \Phi_{110}^{3}\ \Phi_{55}^{3}\ \Phi_{44}^{3}\ \Phi_{22}^{2}\ \Phi_{20}^{8}\ \Phi_{11}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
45690	918	1216	$\frac{1}{19}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{76}\ \Phi_{38}$
45691	918	1540	$\frac{4}{55}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{308}\ \Phi_{154}\ \Phi_{28}\ \Phi_{14}$
45692	918	1060	$\frac{5}{53}$	$\frac{3}{20}$	$\frac{8}{53}$	$\frac{1}{4}$	$\Phi_{1060}\ \Phi_{530}\ \Phi_{265}\ \Phi_{53}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
45693	918	140	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{140}^{7}\ \Phi_{70}^{8}\ \Phi_{35}^{8}\ \Phi_{28}^{8}\ \Phi_{14}^{9}\ \Phi_{7}^{8}$
45694	918	154	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{5}{22}$	$\Phi_{154}^{9}\ \Phi_{77}^{5}\ \Phi_{14}^{9}\ \Phi_{7}^{4}$
45695	918	196	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{43}{196}$	$\Phi_{196}^{6}\ \Phi_{98}^{6}\ \Phi_{28}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
45696	918	56	$\frac{5}{56}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{56}^{16}\ \Phi_{28}^{16}\ \Phi_{14}^{18}\ \Phi_{8}^{16}\ \Phi_{7}^{17}\ \Phi_{4}^{16}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
45697	918	560	$\frac{11}{112}$	$\frac{1}{7}$	$\frac{101}{560}$	$\frac{3}{14}$	$\Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{140}^{2}\ \Phi_{80}^{2}\ \Phi_{70}^{2}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{20}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
45698	919	1824	$\frac{7}{912}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{905}{1824}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{96}\ \Phi_{32}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
45699	919	1632	$\frac{1}{102}$	$\frac{103}{816}$	$\frac{713}{1632}$	$\frac{101}{204}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{204}\ \Phi_{96}\ \Phi_{68}\ \Phi_{32}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
45700	919	1224	$\frac{1}{102}$	$\frac{305}{1224}$	$\frac{103}{408}$	$\frac{101}{204}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{72}\ \Phi_{68}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
45701	919	1728	$\frac{1}{54}$	$\frac{55}{864}$	$\frac{809}{1728}$	$\frac{53}{108}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{108}\ \Phi_{64}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
45702	919	1296	$\frac{1}{54}$	$\frac{55}{432}$	$\frac{377}{1296}$	$\frac{53}{108}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
45703	919	1080	$\frac{1}{54}$	$\frac{161}{1080}$	$\frac{55}{216}$	$\frac{53}{108}$	Φ_{1080} Φ_{540} Φ_{360} Φ_{270} Φ_{180} Φ_{135} Φ_{120} Φ_{108} Φ_{90} Φ_{60} Φ_{45} Φ_{40} Φ_{36} Φ_{30} Φ_{20} Φ_{15} Φ_{12} Φ_{10} Φ_5 Φ_4 Φ_1
45704	919	1800	$\frac{19}{900}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{881}{1800}$	Φ_{1800} Φ_{600} Φ_{360} Φ_{200} Φ_{120} Φ_{72} Φ_{40} Φ_{36} Φ_{24} Φ_{12} Φ_8 Φ_4 Φ_1
45705	919	1768	$\frac{1}{34}$	$\frac{35}{884}$	$\frac{849}{1768}$	$\frac{33}{68}$	Φ_{1768} Φ_{136} Φ_{104} Φ_{68} Φ_8 Φ_4 Φ_1
45706	919	1056	$\frac{5}{132}$	$\frac{137}{1056}$	$\frac{1}{6}$	$\frac{127}{264}$	Φ_{1056} Φ_{528} Φ_{352} Φ_{176} Φ_{132} Φ_{96} Φ_{66} Φ_{48} Φ_{44} Φ_{33} Φ_{32} Φ_{22} Φ_{16} Φ_{12} Φ_{11} Φ_4 Φ_1
45707	919	1764	$\frac{37}{882}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{845}{1764}$	Φ_{1764} Φ_{588} Φ_{252} Φ_{196} Φ_{84} Φ_{42} Φ_{36} Φ_{28} Φ_{21} Φ_{14} Φ_{12} Φ_7 Φ_4 Φ_1
45708	919	1080	$\frac{1}{18}$	$\frac{19}{180}$	$\frac{161}{1080}$	$\frac{17}{36}$	Φ_{1080} Φ_{540} Φ_{360} Φ_{270} Φ_{216} Φ_{135} Φ_{120} Φ_{108} Φ_{72} Φ_{54} Φ_{40} Φ_{36} Φ_{27} Φ_{24} Φ_{12} Φ_8 Φ_4 Φ_1
45709	919	1008	$\frac{5}{84}$	$\frac{89}{1008}$	$\frac{1}{6}$	$\frac{79}{168}$	Φ_{1008} Φ_{504} Φ_{336} Φ_{252} Φ_{144} Φ_{126} Φ_{112} Φ_{84} Φ_{72} Φ_{63} Φ_{48} Φ_{42} Φ_{36} Φ_{28} Φ_{21} Φ_{18} Φ_{16} Φ_{14} Φ_{12} Φ_9 Φ_7 Φ_4 Φ_1
45710	919	1728	$\frac{1}{18}$	$\frac{55}{864}$	$\frac{17}{72}$	$\frac{809}{1728}$	Φ_{1728} Φ_{576} Φ_{192} Φ_{72} Φ_{64} Φ_{36} Φ_{24} Φ_{12} Φ_8 Φ_4 Φ_1
45711	919	1716	$\frac{61}{858}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{797}{1716}$	Φ_{1716} Φ_{572} Φ_{156} Φ_{132} Φ_{66} Φ_{52} Φ_{44} Φ_{33} Φ_{22} Φ_{12} Φ_{11} Φ_4 Φ_1
45712	919	1700	$\frac{1}{17}$	$\frac{69}{850}$	$\frac{16}{85}$	$\frac{781}{1700}$	Φ_{1700} Φ_{340} Φ_{100} Φ_{85} Φ_{68} Φ_{20} Φ_5 Φ_4 Φ_1
45713	919	1122	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{203}{1122}$	$\frac{171}{374}$	Φ_{1122} Φ_{561} Φ_{187} Φ_{102} Φ_{66} Φ_{51} Φ_{33} Φ_{11} Φ_6 Φ_3 Φ_1
45714	919	1680	$\frac{5}{84}$	$\frac{79}{840}$	$\frac{1}{6}$	$\frac{761}{1680}$	Φ_{1680} Φ_{560} Φ_{336} Φ_{240} Φ_{112} Φ_{84} Φ_{80} Φ_{48} Φ_{42} Φ_{28} Φ_{21} Φ_{16} Φ_{14} Φ_{12} Φ_7 Φ_4 Φ_1
45715	919	1632	$\frac{1}{34}$	$\frac{103}{816}$	$\frac{33}{136}$	$\frac{713}{1632}$	Φ_{1632} Φ_{544} Φ_{136} Φ_{96} Φ_{68} Φ_{32} Φ_8 Φ_4 Φ_1
45716	919	1620	$\frac{1}{54}$	$\frac{109}{810}$	$\frac{53}{162}$	$\frac{701}{1620}$	Φ_{1620} Φ_{540} Φ_{324} Φ_{180} Φ_{162} Φ_{108} Φ_{81} Φ_{60} Φ_{36} Φ_{20} Φ_{12} Φ_4 Φ_1
45717	919	1620	$\frac{1}{27}$	$\frac{109}{810}$	$\frac{26}{135}$	$\frac{701}{1620}$	Φ_{1620} Φ_{540} Φ_{324} Φ_{180} Φ_{135} Φ_{108} Φ_{60} Φ_{45} Φ_{36} Φ_{20} Φ_{15} Φ_{12} Φ_5 Φ_4 Φ_1
45718	919	1134	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{215}{1134}$	$\frac{163}{378}$	Φ_{1134} Φ_{567} Φ_{189} Φ_{162} Φ_{81} Φ_{63} Φ_{21} Φ_7 Φ_1
45719	919	1584	$\frac{5}{132}$	$\frac{127}{792}$	$\frac{1}{6}$	$\frac{665}{1584}$	Φ_{1584} Φ_{528} Φ_{176} Φ_{144} Φ_{132} Φ_{66} Φ_{48} Φ_{44} Φ_{33} Φ_{22} Φ_{16} Φ_{12} Φ_{11} Φ_4 Φ_1
45720	919	1296	$\frac{1}{54}$	$\frac{53}{324}$	$\frac{377}{1296}$	$\frac{271}{648}$	Φ_{1296} Φ_{432} Φ_{324} Φ_{162} Φ_{144} Φ_{108} Φ_{81} Φ_{48} Φ_{36} Φ_{16} Φ_{12} Φ_4 Φ_1
45721	919	1368	$\frac{7}{456}$	$\frac{1}{6}$	$\frac{449}{1368}$	$\frac{5}{12}$	Φ_{1368} Φ_{684} Φ_{342} Φ_{171} Φ_{72} Φ_{36} Φ_{18} Φ_{12} Φ_9 Φ_4 Φ_1
45722	919	936	$\frac{17}{936}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	Φ_{936} Φ_{468} Φ_{312} Φ_{234} Φ_{156} Φ_{117} Φ_{104} Φ_{78} Φ_{72} Φ_{52} Φ_{39} Φ_{36} Φ_{26} Φ_{18} Φ_{13} Φ_{12} Φ_9 Φ_4 Φ_1
45723	919	1140	$\frac{7}{228}$	$\frac{1}{6}$	$\frac{221}{1140}$	$\frac{5}{12}$	Φ_{1140} Φ_{570} Φ_{380} Φ_{285} Φ_{190} Φ_{95} Φ_{60} Φ_{30} Φ_{20} Φ_{15} Φ_{12} Φ_{10} Φ_5 Φ_4 Φ_1
45724	919	960	$\frac{41}{960}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	Φ_{960} Φ_{480} Φ_{320} Φ_{240} Φ_{192} Φ_{160} Φ_{120} Φ_{96} Φ_{80} Φ_{64} Φ_{60} Φ_{40} Φ_{32} Φ_{30} Φ_{20} Φ_{15} Φ_{12} Φ_{10} Φ_5 Φ_4 Φ_1
45725	919	1020	$\frac{1}{17}$	$\frac{101}{1020}$	$\frac{16}{85}$	$\frac{69}{170}$	Φ_{1020} Φ_{510} Φ_{340} Φ_{255} Φ_{204} Φ_{102} Φ_{85} Φ_{68} Φ_{60} Φ_{51} Φ_{30} Φ_{20} Φ_{15} Φ_{12} Φ_6 Φ_5 Φ_4 Φ_3 Φ_1
45726	919	1080	$\frac{1}{27}$	$\frac{161}{1080}$	$\frac{26}{135}$	$\frac{109}{270}$	Φ_{1080} Φ_{540} Φ_{360} Φ_{216} Φ_{180} Φ_{135} Φ_{120} Φ_{108} Φ_{72} Φ_{60} Φ_{45} Φ_{40} Φ_{36} Φ_{24} Φ_{20} Φ_{15} Φ_{12} Φ_8 Φ_5 Φ_4 Φ_1
45727	919	1512	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{163}{756}$	$\frac{593}{1512}$	Φ_{1512} Φ_{504} Φ_{216} Φ_{189} Φ_{168} Φ_{72} Φ_{63} Φ_{56} Φ_{24} Φ_{21} Φ_8 Φ_7 Φ_1
45728	919	1496	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{171}{748}$	$\frac{577}{1496}$	Φ_{1496} Φ_{187} Φ_{136} Φ_{88} Φ_{11} Φ_8 Φ_1
45729	919	1008	$\frac{1}{18}$	$\frac{89}{1008}$	$\frac{17}{72}$	$\frac{55}{144}$	Φ_{1008} Φ_{504} Φ_{336} Φ_{252} Φ_{168} Φ_{126} Φ_{112} Φ_{84} Φ_{72} Φ_{63} Φ_{56} Φ_{42} Φ_{36} Φ_{28} Φ_{24} Φ_{21} Φ_{14} Φ_{12} Φ_8 Φ_7 Φ_4 Φ_1
45730	919	1088	$\frac{1}{34}$	$\frac{169}{1088}$	$\frac{33}{136}$	$\frac{103}{272}$	Φ_{1088} Φ_{544} Φ_{136} Φ_{68} Φ_{64} Φ_{32} Φ_8 Φ_4 Φ_1
45731	919	1428	$\frac{1}{34}$	$\frac{33}{238}$	$\frac{205}{714}$	$\frac{509}{1428}$	Φ_{1428} Φ_{476} Φ_{238} Φ_{204} Φ_{119} Φ_{84} Φ_{68} Φ_{28} Φ_{14} Φ_{12} Φ_7 Φ_4 Φ_1
45732	919	1404	$\frac{1}{18}$	$\frac{17}{234}$	$\frac{217}{702}$	$\frac{485}{1404}$	Φ_{1404} Φ_{468} Φ_{234} Φ_{156} Φ_{117} Φ_{108} Φ_{78} Φ_{52} Φ_{39} Φ_{36} Φ_{26} Φ_{13} Φ_{12} Φ_4 Φ_1
45733	919	1188	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{269}{1188}$	$\frac{127}{396}$	Φ_{1188} Φ_{594} Φ_{297} Φ_{132} Φ_{108} Φ_{66} Φ_{54} Φ_{44} Φ_{33} Φ_{27} Φ_{22} Φ_{12} Φ_{11} Φ_4 Φ_1

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
45734	919	1008	$\frac{89}{1008}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{126}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
45735	919	1296	$\frac{1}{18}$	$\frac{55}{432}$	$\frac{17}{72}$	$\frac{377}{1296}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
45736	919	1275	$\frac{1}{17}$	$\frac{69}{425}$	$\frac{16}{85}$	$\frac{356}{1275}$	$\Phi_{1275}\ \Phi_{255}\ \Phi_{85}\ \Phi_{75}\ \Phi_{51}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
45737	919	1260	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{79}{420}$	$\frac{341}{1260}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
45738	919	1215	$\frac{1}{27}$	$\frac{26}{135}$	$\frac{296}{1215}$	$\frac{109}{405}$	$\Phi_{1215}\ \Phi_{243}\ \Phi_{135}\ \Phi_{45}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
45739	919	1080	$\frac{1}{18}$	$\frac{161}{1080}$	$\frac{17}{72}$	$\frac{55}{216}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
45740	919	1224	$\frac{1}{34}$	$\frac{33}{136}$	$\frac{305}{1224}$	$\frac{103}{408}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
45741	919	1152	$\frac{1}{18}$	$\frac{55}{288}$	$\frac{233}{1152}$	$\frac{17}{72}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
45742	919	1176	$\frac{5}{42}$	$\frac{37}{294}$	$\frac{1}{6}$	$\frac{257}{1176}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{196}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
45743	920	687	$\frac{1}{229}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{114}{229}$	$\Phi_{687}\ \Phi_{229}^2\ \Phi_{3}^2\ \Phi_{1}^4$
45744	920	919	$\frac{5}{919}$	$\frac{231}{919}$	$\frac{344}{919}$	$\frac{457}{919}$	$\Phi_{919}\ \Phi_{1}^2$
45745	920	1464	$\frac{1}{183}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{91}{183}$	$\Phi_{1464}\ \Phi_{488}\ \Phi_{183}\ \Phi_{61}\ \Phi_{24}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
45746	920	1383	$\frac{3}{461}$	$\frac{116}{461}$	$\frac{1}{3}$	$\frac{229}{461}$	Φ_{1383}
45747	920	1596	$\frac{1}{114}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{113}{228}$	$\Phi_{1596}\ \Phi_{532}\ \Phi_{228}^2\ \Phi_{84}\ \Phi_{76}^2\ \Phi_{28}\ \Phi_{12}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
45748	920	1140	$\frac{1}{114}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{113}{228}$	$\Phi_{1140}^2\ \Phi_{380}^2\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}$
45749	920	819	$\frac{1}{91}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{45}{91}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{117}\ \Phi_{91}^2\ \Phi_{63}\ \Phi_{39}\ \Phi_{21}\ \Phi_{13}^2\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
45750	920	546	$\frac{1}{91}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{45}{91}$	$\Phi_{546}^2\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_{7}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
45751	920	919	$\frac{11}{919}$	$\frac{93}{919}$	$\frac{413}{919}$	$\frac{454}{919}$	$\Phi_{919}\ \Phi_{1}^2$
45752	920	770	$\frac{1}{77}$	$\frac{1}{5}$	$\frac{39}{154}$	$\frac{38}{77}$	$\Phi_{770}^2\ \Phi_{385}\ \Phi_{110}^2\ \Phi_{70}^2\ \Phi_{55}\ \Phi_{35}\ \Phi_{10}^2$
45753	920	1110	$\frac{3}{185}$	$\frac{1}{6}$	$\frac{47}{185}$	$\frac{91}{185}$	$\Phi_{1110}\ \Phi_{555}\ \Phi_{370}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
45754	920	919	$\frac{17}{919}$	$\frac{137}{919}$	$\frac{234}{919}$	$\frac{451}{919}$	$\Phi_{919}\ \Phi_{1}^2$
45755	920	1383	$\frac{9}{461}$	$\frac{47}{461}$	$\frac{1}{3}$	$\frac{226}{461}$	Φ_{1383}
45756	920	855	$\frac{1}{45}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{22}{45}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{171}\ \Phi_{95}\ \Phi_{57}\ \Phi_{45}^2\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
45757	920	495	$\frac{1}{45}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{55}^2\ \Phi_{33}^3\ \Phi_{11}^2$
45758	920	855	$\frac{1}{45}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{22}{45}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{171}\ \Phi_{95}\ \Phi_{57}\ \Phi_{45}^2\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
45759	920	90	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{22}{45}$	$\Phi_{90}^{12}\ \Phi_{45}^8\ \Phi_{30}^{13}\ \Phi_{18}^{12}\ \Phi_{15}^9\ \Phi_{10}^{13}\ \Phi_{9}^8\ \Phi_{6}^{12}\ \Phi_{5}^8\ \Phi_{3}^8\ \Phi_{2}^{12}\ \Phi_{1}^8$
45760	920	919	$\frac{21}{919}$	$\frac{47}{919}$	$\frac{436}{919}$	$\frac{449}{919}$	$\Phi_{919}\ \Phi_{1}^2$
45761	920	1716	$\frac{1}{39}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{19}{39}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{156}\ \Phi_{132}\ \Phi_{52}\ \Phi_{44}^2\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
45762	920	429	$\frac{1}{39}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{19}{39}$	$\Phi_{429}^2\ \Phi_{143}^2\ \Phi_{39}^3\ \Phi_{33}^3\ \Phi_{13}^3\ \Phi_{11}^2\ \Phi_{3}^4\ \Phi_{1}^4$
45763	920	2016	$\frac{3}{112}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{109}{224}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{96}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
45764	920	1120	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{109}{224}$	$\Phi_{1120}^2\ \Phi_{160}^2\ \Phi_{35}$
45765	920	222	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{19}{111}$	$\frac{18}{37}$	$\Phi_{222}^5\ \Phi_{111}^3\ \Phi_{74}^5\ \Phi_{37}^4\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
45766	920	660	$\frac{1}{33}$	$\frac{17}{132}$	$\frac{1}{5}$	$\frac{16}{33}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2$
45767	920	341	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{341}^3\ \Phi_{11}^2$
45768	920	919	$\frac{31}{919}$	$\frac{95}{919}$	$\frac{206}{919}$	$\frac{444}{919}$	$\Phi_{919}\ \Phi_{1}^2$
45769	920	919	$\frac{33}{919}$	$\frac{119}{919}$	$\frac{160}{919}$	$\frac{443}{919}$	$\Phi_{919}\ \Phi_{1}^2$
45770	920	1110	$\frac{7}{185}$	$\frac{24}{185}$	$\frac{1}{6}$	$\frac{89}{185}$	$\Phi_{1110}\ \Phi_{555}\ \Phi_{370}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
45771	920	385	$\frac{3}{77}$	$\frac{8}{77}$	$\frac{1}{5}$	$\frac{37}{77}$	$\Phi_{385}^3\ \Phi_{55}^3\ \Phi_{35}^3\ \Phi_5^2$
45772	920	919	$\frac{37}{919}$	$\frac{68}{919}$	$\frac{239}{919}$	$\frac{441}{919}$	$\Phi_{919}\ \Phi_1^2$
45773	920	1383	$\frac{19}{461}$	$\frac{24}{461}$	$\frac{1}{3}$	$\frac{221}{461}$	Φ_{1383}
45774	920	924	$\frac{1}{22}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{924}^2\ \Phi_{308}^2\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
45775	920	572	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{21}{44}$	$\Phi_{572}^3\ \Phi_{52}^3\ \Phi_{44}^4\ \Phi_{13}^3\ \Phi_4^4\ \Phi_1^4$
45776	920	220	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{220}^{10}\ \Phi_{55}\ \Phi_{20}^{10}$
45777	920	1716	$\frac{1}{22}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{21}{44}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{156}\ \Phi_{132}\ \Phi_{52}\ \Phi_{44}^2\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
45778	920	396	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{21}{44}$	$\Phi_{396}^5\ \Phi_{132}^3\ \Phi_{44}^4\ \Phi_{36}^5\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
45779	920	630	$\frac{1}{21}$	$\frac{11}{126}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
45780	920	456	$\frac{1}{24}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{456}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{24}^4\ \Phi_{19}^2\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
45781	920	570	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{9}{19}$	$\Phi_{570}^2\ \Phi_{285}\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{30}^4\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
45782	920	475	$\frac{1}{19}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{475}^2\ \Phi_{95}\ \Phi_{25}^4\ \Phi_{19}^2\ \Phi_5^2\ \Phi_1^4$
45783	920	513	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{9}{19}$	$\Phi_{513}^2\ \Phi_{171}\ \Phi_{57}\ \Phi_{27}^4\ \Phi_{19}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
45784	920	984	$\frac{1}{24}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{328}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}$
45785	920	605	$\frac{6}{121}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{605}^2\ \Phi_{55}$
45786	920	1722	$\frac{1}{41}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1722}\ \Phi_{574}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}$
45787	920	210	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{19}{42}$	$\Phi_{210}^{10}\ \Phi_{105}\ \Phi_{70}^{10}\ \Phi_{35}\ \Phi_{30}^{10}\ \Phi_{15}\ \Phi_{10}^{10}$
45788	920	919	$\frac{29}{919}$	$\frac{89}{919}$	$\frac{252}{919}$	$\frac{415}{919}$	$\Phi_{919}\ \Phi_1^2$
45789	920	1383	$\frac{11}{461}$	$\frac{45}{461}$	$\frac{1}{3}$	$\frac{208}{461}$	Φ_{1383}
45790	920	423	$\frac{1}{47}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{423}^2\ \Phi_{141}^3\ \Phi_{47}^2$
45791	920	819	$\frac{3}{91}$	$\frac{1}{9}$	$\frac{22}{91}$	$\frac{4}{9}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{117}\ \Phi_{91}^2\ \Phi_{63}\ \Phi_{39}\ \Phi_{21}\ \Phi_{13}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
45792	920	360	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^4\ \Phi_{90}^3\ \Phi_{60}^4\ \Phi_{45}^2\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
45793	920	441	$\frac{3}{49}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{441}^2\ \Phi_{147}^2\ \Phi_{63}\ \Phi_{49}^4\ \Phi_{21}\ \Phi_9^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
45794	920	234	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{3}{26}$	$\frac{4}{9}$	$\Phi_{234}^4\ \Phi_{117}^3\ \Phi_{78}^4\ \Phi_{39}^3\ \Phi_{26}^8\ \Phi_{18}^4\ \Phi_{13}^6\ \Phi_9^4\ \Phi_6^4\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
45795	920	1312	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1312}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}$
45796	920	819	$\frac{2}{117}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{117}^2\ \Phi_{91}\ \Phi_{63}\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
45797	920	1197	$\frac{1}{57}$	$\frac{1}{7}$	$\frac{56}{171}$	$\frac{3}{7}$	$\Phi_{1197}\ \Phi_{171}^2\ \Phi_{63}\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
45798	920	329	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{329}^3\ \Phi_{47}^2$
45799	920	1064	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{37}{152}$	$\frac{3}{7}$	$\Phi_{1064}\ \Phi_{532}\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{56}\ \Phi_{28}\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
45800	920	595	$\frac{4}{119}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{595}^2\ \Phi_{85}^2\ \Phi_{35}$
45801	920	399	$\frac{2}{57}$	$\frac{1}{7}$	$\frac{11}{57}$	$\frac{3}{7}$	$\Phi_{399}^2\ \Phi_{133}^2\ \Phi_{57}^4\ \Phi_{21}^2\ \Phi_{19}^4\ \Phi_7^3\ \Phi_3^4\ \Phi_1^6$
45802	920	168	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{42}^4\ \Phi_{28}^5\ \Phi_{24}^{10}\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_7^5\ \Phi_6^8\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
45803	920	133	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{133}^7\ \Phi_{19}^6\ \Phi_7^8\ \Phi_1^8$
45804	920	1640	$\frac{1}{41}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1640}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}$
45805	920	919	$\frac{23}{919}$	$\frac{139}{919}$	$\frac{224}{919}$	$\frac{390}{919}$	$\Phi_{919}\ \Phi_1^2$
45806	920	990	$\frac{1}{33}$	$\frac{16}{99}$	$\frac{1}{5}$	$\frac{83}{198}$	$\Phi_{990}^2\ \Phi_{330}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{90}^2\ \Phi_{55}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
45807	920	984	$\frac{1}{24}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{328}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}$
45808	920	919	$\frac{34}{919}$	$\frac{137}{919}$	$\frac{177}{919}$	$\frac{371}{919}$	$\Phi_{919}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
45809	920	385	$\frac{2}{77}$	$\frac{15}{77}$	$\frac{1}{5}$	$\frac{31}{77}$	$\Phi_{385}^3\ \Phi_{55}^3\ \Phi_{35}^3\ \Phi_5^2$
45810	920	919	$\frac{14}{919}$	$\frac{181}{919}$	$\frac{275}{919}$	$\frac{369}{919}$	$\Phi_{919}\ \Phi_1^2$
45811	920	1383	$\frac{6}{461}$	$\frac{91}{461}$	$\frac{1}{3}$	$\frac{185}{461}$	Φ_{1383}
45812	920	570	$\frac{3}{95}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{570}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
45813	920	919	$\frac{24}{919}$	$\frac{179}{919}$	$\frac{185}{919}$	$\frac{367}{919}$	$\Phi_{919}\ \Phi_1^2$
45814	920	984	$\frac{1}{24}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{328}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}$
45815	920	919	$\frac{35}{919}$	$\frac{114}{919}$	$\frac{221}{919}$	$\frac{349}{919}$	$\Phi_{919}\ \Phi_1^2$
45816	920	222	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{9}{37}$	$\frac{14}{37}$	$\Phi_{222}^5\ \Phi_{111}^5\ \Phi_{74}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
45817	920	744	$\frac{1}{93}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{744}^2\ \Phi_{248}^2\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
45818	920	488	$\frac{1}{61}$	$\frac{15}{61}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{488}^3\ \Phi_{61}^3\ \Phi_8^4\ \Phi_1^4$
45819	920	1880	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1880}\ \Phi_{235}$
45820	920	1464	$\frac{7}{183}$	$\frac{22}{183}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1464}\ \Phi_{488}\ \Phi_{183}\ \Phi_{61}\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
45821	920	72	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^{14}\ \Phi_{36}^{15}\ \Phi_{24}^9\ \Phi_{18}^{15}\ \Phi_{12}^{10}\ \Phi_9^{14}\ \Phi_8^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
45822	920	1476	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1476}\ \Phi_{492}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}$
45823	920	522	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{28}{87}$	$\frac{59}{174}$	$\Phi_{522}^3\ \Phi_{261}\ \Phi_{174}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{18}^3\ \Phi_6^2\ \Phi_2^2$
45824	920	348	$\frac{1}{116}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{348}^3\ \Phi_{174}^3\ \Phi_{116}^2\ \Phi_{87}^3\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
45825	920	585	$\frac{2}{117}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{65}^2\ \Phi_{45}^2\ \Phi_{15}$
45826	920	687	$\frac{4}{229}$	$\frac{45}{229}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{687}\ \Phi_{229}^2\ \Phi_3^2\ \Phi_1^4$
45827	920	282	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{282}^4\ \Phi_{141}^3\ \Phi_{94}^4\ \Phi_{47}^2$
45828	920	687	$\frac{9}{229}$	$\frac{22}{229}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{687}\ \Phi_{229}^2\ \Phi_3^2\ \Phi_1^4$
45829	920	264	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{264}^4\ \Phi_{132}^4\ \Phi_{88}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{11}^2$
45830	920	855	$\frac{1}{57}$	$\frac{1}{5}$	$\frac{56}{171}$	$\frac{1}{3}$	$\Phi_{855}^2\ \Phi_{45}^2\ \Phi_{15}$
45831	920	1485	$\frac{2}{45}$	$\frac{1}{11}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{1485}\ \Phi_{297}\ \Phi_{33}$
45832	920	231	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{231}^4\ \Phi_{77}^4\ \Phi_{33}^3\ \Phi_{21}^6\ \Phi_{11}^2\ \Phi_7^6\ \Phi_3^4\ \Phi_1^4$
45833	920	1269	$\frac{1}{47}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1269}\ \Phi_{141}$
45834	920	2280	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{37}{152}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{120}\ \Phi_{60}\ \Phi_{15}$
45835	920	546	$\frac{3}{91}$	$\frac{1}{6}$	$\frac{22}{91}$	$\frac{1}{3}$	$\Phi_{546}^2\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
45836	920	1383	$\frac{17}{461}$	$\frac{70}{461}$	$\frac{111}{461}$	$\frac{1}{3}$	Φ_{1383}
45837	920	330	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{330}^4\ \Phi_{165}^2\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{55}^2\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{11}^2$
45838	920	99	$\frac{7}{99}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{99}^9\ \Phi_{33}^{10}\ \Phi_{11}^9\ \Phi_9^{10}\ \Phi_3^{10}\ \Phi_1^{10}$
45839	920	456	$\frac{1}{24}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{456}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{24}^4\ \Phi_{19}^2\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
45840	920	1383	$\frac{16}{461}$	$\frac{89}{461}$	$\frac{93}{461}$	$\frac{1}{3}$	Φ_{1383}
45841	920	285	$\frac{2}{57}$	$\frac{11}{57}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{285}^4\ \Phi_{95}^4\ \Phi_{15}^5\ \Phi_5^4$
45842	920	120	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{120}^{10}\ \Phi_{60}^{10}\ \Phi_{40}^{10}\ \Phi_{30}^8\ \Phi_{20}^{10}\ \Phi_{15}^9\ \Phi_{10}^8\ \Phi_5^8$
45843	920	1995	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{105}\ \Phi_{15}$
45844	920	825	$\frac{2}{25}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{825}^2\ \Phi_{165}\ \Phi_{33}^2$
45845	920	294	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{294}^4\ \Phi_{147}^2\ \Phi_{98}^4\ \Phi_{49}^4\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
45846	920	78	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{78}^{10}\ \Phi_{39}^{11}\ \Phi_{26}^{14}\ \Phi_{13}^{14}\ \Phi_6^{12}\ \Phi_3^{12}\ \Phi_2^{16}\ \Phi_1^{16}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
45847	920	297	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{297}^4\ \Phi_{99}^2\ \Phi_{33}^3\ \Phi_{11}^2$
45848	920	1155	$\frac{1}{11}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{77}\ \Phi_{33}$
45849	920	1485	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{67}{297}$	$\frac{32}{99}$	$\Phi_{1485}\ \Phi_{165}\ \Phi_{135}\ \Phi_{55}\ \Phi_{15}$
45850	920	270	$\frac{2}{45}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{43}{135}$	$\Phi_{270}^6\ \Phi_{135}^4\ \Phi_{54}^6\ \Phi_{30}\ \Phi_{27}^4\ \Phi_{15}\ \Phi_{10}$
45851	920	504	$\frac{3}{56}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{53}{168}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
45852	920	840	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{53}{168}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{60}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{15}^2$
45853	920	429	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{3}{13}$	$\frac{10}{33}$	$\Phi_{429}^3\ \Phi_{39}^3\ \Phi_{33}^4\ \Phi_{13}^3\ \Phi_3^4\ \Phi_1^4$
45854	920	165	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{165}^{10}\ \Phi_{55}\ \Phi_{15}^{10}$
45855	920	429	$\frac{1}{11}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{10}{33}$	$\Phi_{429}^2\ \Phi_{143}^2\ \Phi_{39}^3\ \Phi_{33}^3\ \Phi_{13}^3\ \Phi_{11}^2\ \Phi_3^4\ \Phi_1^4$
45856	920	198	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{198}^6\ \Phi_{99}^4\ \Phi_{66}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{18}^9\ \Phi_{11}^2\ \Phi_9^6\ \Phi_6^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
45857	920	245	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{245}^5\ \Phi_{35}^3\ \Phi_5^2$
45858	920	315	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{1}{5}$	$\frac{17}{63}$	$\Phi_{315}^5\ \Phi_{105}\ \Phi_{45}^5\ \Phi_{35}\ \Phi_{15}$
45859	920	390	$\frac{11}{195}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{390}^3\ \Phi_{195}^2\ \Phi_{130}^3\ \Phi_{78}^3\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{30}\ \Phi_{26}^3\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{10}$
45860	920	341	$\frac{1}{11}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{341}^3\ \Phi_{11}^2$
45861	920	1152	$\frac{13}{128}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
45862	920	252	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{5}{28}$	$\frac{1}{4}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{36}^5\ \Phi_{21}^4\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^4\ \Phi_6^5\ \Phi_3^4$
45863	920	570	$\frac{1}{15}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{7}{30}$	$\Phi_{570}^2\ \Phi_{285}\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{30}^4\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
45864	920	30	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{7}{30}$	$\Phi_{30}^{29}\ \Phi_{15}^{33}\ \Phi_{10}^{29}\ \Phi_6^{28}\ \Phi_5^{32}\ \Phi_3^{32}\ \Phi_2^{28}\ \Phi_1^{32}$
45865	920	660	$\frac{1}{11}$	$\frac{17}{132}$	$\frac{1}{5}$	$\frac{5}{22}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2$
45866	920	630	$\frac{11}{126}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{15}^2$
45867	920	475	$\frac{2}{25}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{475}^2\ \Phi_{95}\ \Phi_{25}^4\ \Phi_{19}^2\ \Phi_5^2\ \Phi_1^4$
45868	920	513	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{513}^2\ \Phi_{171}\ \Phi_{57}\ \Phi_{27}^4\ \Phi_{19}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
45869	920	150	$\frac{2}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{150}^8\ \Phi_{75}^8\ \Phi_{50}^8\ \Phi_{30}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
45870	920	450	$\frac{4}{45}$	$\frac{1}{6}$	$\frac{41}{225}$	$\frac{1}{5}$	$\Phi_{450}^3\ \Phi_{225}^2\ \Phi_{150}^3\ \Phi_{75}^2\ \Phi_{50}^3\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{10}$
45871	920	55	$\frac{1}{11}$	$\frac{9}{55}$	$\frac{2}{11}$	$\frac{1}{5}$	$\Phi_{55}^{16}\ \Phi_{11}^{20}\ \Phi_5^{15}\ \Phi_1^{20}$
45872	920	140	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{1}{5}$	$\Phi_{140}^8\ \Phi_{70}^8\ \Phi_{35}^9\ \Phi_{20}^8\ \Phi_{10}^8\ \Phi_5^8$
45873	920	270	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{270}^6\ \Phi_{135}^4\ \Phi_{90}^3\ \Phi_{45}^2\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
45874	920	210	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{210}^6\ \Phi_{105}^4\ \Phi_{70}^6\ \Phi_{42}^6\ \Phi_{35}^4\ \Phi_{30}\ \Phi_{21}^4\ \Phi_{15}\ \Phi_{14}^6\ \Phi_{10}\ \Phi_7^4$
45875	921	1472	$\frac{1}{184}$	$\frac{185}{736}$	$\frac{551}{1472}$	$\frac{183}{368}$	$\Phi_{1472}\ \Phi_{368}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
45876	921	1232	$\frac{3}{308}$	$\frac{1}{4}$	$\frac{311}{1232}$	$\frac{305}{616}$	$\Phi_{1232}\ \Phi_{308}\ \Phi_{176}\ \Phi_{154}\ \Phi_{112}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{16}\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_1$
45877	921	608	$\frac{3}{304}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{301}{608}$	$\Phi_{608}^3\ \Phi_{32}^3\ \Phi_{16}\ \Phi_1$
45878	921	608	$\frac{3}{304}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{301}{608}$	$\Phi_{608}^3\ \Phi_{32}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
45879	921	1204	$\frac{6}{301}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{295}{602}$	$\Phi_{1204}\ \Phi_{301}\ \Phi_{172}\ \Phi_{43}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
45880	921	370	$\frac{4}{185}$	$\frac{63}{370}$	$\frac{1}{5}$	$\frac{181}{370}$	$\Phi_{370}^2\ \Phi_{185}^3\ \Phi_{74}^2\ \Phi_{37}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
45881	921	352	$\frac{1}{44}$	$\frac{45}{352}$	$\frac{1}{4}$	$\frac{43}{88}$	$\Phi_{352}^3\ \Phi_{176}^3\ \Phi_{44}^3\ \Phi_{32}^3\ \Phi_{22}^3\ \Phi_{16}^3\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
45882	921	600	$\frac{7}{300}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{293}{600}$	$\Phi_{600}^3\ \Phi_{200}^3\ \Phi_{120}^3\ \Phi_{40}^3\ \Phi_{24}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
45883	921	600	$\frac{7}{300}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{293}{600}$	$\Phi_{600}^3\ \Phi_{200}^3\ \Phi_{120}^3\ \Phi_{40}^3\ \Phi_{25}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_1$
45884	921	1760	$\frac{1}{40}$	$\frac{41}{880}$	$\frac{839}{1760}$	$\frac{39}{80}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{160}\ \Phi_{80}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
45885	921	1792	$\frac{25}{896}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{871}{1792}$	$\Phi_{1792}\ \Phi_{256}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
45886	921	1792	$\frac{25}{896}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{871}{1792}$	$\Phi_{1792}\ \Phi_{256}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
45887	921	1240	$\frac{9}{310}$	$\frac{1}{10}$	$\frac{319}{1240}$	$\frac{301}{620}$	$\Phi_{1240}\ \Phi_{310}\ \Phi_{248}\ \Phi_{155}\ \Phi_{62}\ \Phi_{40}\ \Phi_{31}\ \Phi_{8}\ \Phi_{1}$
45888	921	1188	$\frac{10}{297}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{287}{594}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{297}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
45889	921	336	$\frac{1}{28}$	$\frac{29}{336}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{7}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
45890	921	588	$\frac{13}{294}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{281}{588}$	$\Phi_{588}\ \Phi_{294}^2\ \Phi_{196}\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{84}\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}\ \Phi_{7}^3\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^3$
45891	921	1760	$\frac{41}{880}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{839}{1760}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{160}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
45892	921	968	$\frac{47}{968}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{121}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
45893	921	572	$\frac{1}{22}$	$\frac{21}{286}$	$\frac{1}{4}$	$\frac{265}{572}$	$\Phi_{572}\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{52}\ \Phi_{44}^3\ \Phi_{26}^2\ \Phi_{22}^3\ \Phi_{13}^2\ \Phi_{11}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
45894	921	560	$\frac{1}{40}$	$\frac{27}{280}$	$\frac{13}{40}$	$\frac{253}{560}$	$\Phi_{560}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
45895	921	560	$\frac{1}{28}$	$\frac{27}{280}$	$\frac{1}{4}$	$\frac{253}{560}$	$\Phi_{560}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{28}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{7}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
45896	921	952	$\frac{31}{952}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{68}\ \Phi_{34}\ \Phi_{28}\ \Phi_{17}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
45897	921	552	$\frac{1}{46}$	$\frac{31}{276}$	$\frac{15}{46}$	$\frac{245}{552}$	$\Phi_{552}^3\ \Phi_{184}^3\ \Phi_{46}^2\ \Phi_{24}^3\ \Phi_{23}^2\ \Phi_{8}^3\ \Phi_{2}^2\ \Phi_{1}^3$
45898	921	1280	$\frac{1}{40}$	$\frac{39}{320}$	$\frac{359}{1280}$	$\frac{281}{640}$	$\Phi_{1280}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
45899	921	1216	$\frac{9}{304}$	$\frac{1}{8}$	$\frac{295}{1216}$	$\frac{7}{16}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
45900	921	320	$\frac{13}{320}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{16}\ \Phi_{10}^3\ \Phi_{5}^3\ \Phi_{1}$
45901	921	1288	$\frac{1}{46}$	$\frac{45}{322}$	$\frac{367}{1288}$	$\frac{277}{644}$	$\Phi_{1288}\ \Phi_{322}\ \Phi_{184}\ \Phi_{161}\ \Phi_{56}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
45902	921	1600	$\frac{1}{40}$	$\frac{121}{800}$	$\frac{39}{160}$	$\frac{679}{1600}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
45903	921	950	$\frac{29}{950}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{950}\ \Phi_{475}\ \Phi_{190}\ \Phi_{95}\ \Phi_{38}\ \Phi_{25}\ \Phi_{19}\ \Phi_{1}$
45904	921	528	$\frac{1}{44}$	$\frac{43}{264}$	$\frac{1}{4}$	$\frac{221}{528}$	$\Phi_{528}^3\ \Phi_{176}^3\ \Phi_{48}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{16}^3\ \Phi_{11}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
45905	921	320	$\frac{13}{320}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{64}^2\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_{8}^2\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
45906	921	1480	$\frac{4}{185}$	$\frac{1}{5}$	$\frac{181}{740}$	$\frac{559}{1480}$	$\Phi_{1480}\ \Phi_{296}\ \Phi_{185}\ \Phi_{40}\ \Phi_{37}\ \Phi_{8}\ \Phi_{1}$
45907	921	312	$\frac{5}{312}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{26}^3\ \Phi_{24}^3\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
45908	921	480	$\frac{1}{40}$	$\frac{13}{80}$	$\frac{67}{240}$	$\frac{173}{480}$	$\Phi_{480}^3\ \Phi_{160}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
45909	921	320	$\frac{13}{320}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_{8}^3\ \Phi_{5}^2\ \Phi_{2}^2\ \Phi_{1}^3$
45910	921	345	$\frac{4}{115}$	$\frac{38}{345}$	$\frac{37}{115}$	$\frac{39}{115}$	$\Phi_{345}^3\ \Phi_{115}^2\ \Phi_{69}^3\ \Phi_{23}^2\ \Phi_{15}^3\ \Phi_{5}^2\ \Phi_{3}^3\ \Phi_{1}^3$
45911	921	464	$\frac{7}{232}$	$\frac{1}{8}$	$\frac{75}{232}$	$\frac{157}{464}$	$\Phi_{464}^3\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{29}\ \Phi_{16}^3\ \Phi_{1}$
45912	921	368	$\frac{1}{46}$	$\frac{61}{368}$	$\frac{15}{46}$	$\frac{31}{92}$	$\Phi_{368}^3\ \Phi_{184}^3\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{16}^3\ \Phi_{8}^3\ \Phi_{2}^2\ \Phi_{1}^3$
45913	921	924	$\frac{1}{77}$	$\frac{1}{4}$	$\frac{76}{231}$	$\frac{155}{462}$	$\Phi_{924}\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{11}\ \Phi_{7}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
45914	921	460	$\frac{1}{115}$	$\frac{38}{115}$	$\frac{153}{460}$	$\frac{77}{230}$	$\Phi_{460}^3\ \Phi_{115}^2\ \Phi_{92}^3\ \Phi_{23}^2\ \Phi_{20}^3\ \Phi_{5}^2\ \Phi_{4}^3\ \Phi_{1}^3$
45915	921	456	$\frac{3}{152}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{149}{456}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
45916	921	414	$\frac{1}{46}$	$\frac{31}{138}$	$\frac{107}{414}$	$\frac{15}{46}$	$\Phi_{414}^3\ \Phi_{207}^3\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{18}^3\ \Phi_{9}^3\ \Phi_{2}^2\ \Phi_{1}^3$
45917	921	396	$\frac{1}{44}$	$\frac{89}{396}$	$\frac{1}{4}$	$\frac{43}{132}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{99}^3\ \Phi_{44}^3\ \Phi_{36}^3\ \Phi_{22}^3\ \Phi_{18}^3\ \Phi_{11}^3\ \Phi_{9}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
45918	921	450	$\frac{7}{150}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{143}{450}$	$\Phi_{450}^3\ \Phi_{225}^3\ \Phi_{90}^3\ \Phi_{45}^3\ \Phi_{18}^3\ \Phi_{10}^2\ \Phi_{9}^3\ \Phi_{5}^2\ \Phi_{2}^2\ \Phi_{1}^3$
45919	921	450	$\frac{7}{150}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{143}{450}$	$\Phi_{450}^3\ \Phi_{225}^3\ \Phi_{90}^3\ \Phi_{45}^3\ \Phi_{25}\ \Phi_{18}^3\ \Phi_{9}^3\ \Phi_{1}$
45920	921	448	$\frac{25}{448}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{141}{448}$	$\Phi_{448}^2\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{64}^2\ \Phi_{56}^2\ \Phi_{32}^2\ \Phi_{28}^3\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_{8}^2\ \Phi_{7}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
45921	921	448	$\frac{25}{448}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{141}{448}$	$\Phi_{448}^2\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{64}^2\ \Phi_{56}^2\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
45922	921	336	$\frac{1}{14}$	$\frac{29}{336}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{42}^2\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_7^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
45923	921	660	$\frac{23}{330}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{660}^2\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
45924	921	440	$\frac{3}{44}$	$\frac{41}{440}$	$\frac{1}{4}$	$\frac{133}{440}$	$\Phi_{440}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{55}^2\ \Phi_{44}^3\ \Phi_{40}^2\ \Phi_{22}^3\ \Phi_{20}^2\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
45925	921	330	$\frac{23}{330}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{330}^3\ \Phi_{165}^3\ \Phi_{110}^3\ \Phi_{66}^3\ \Phi_{55}^3\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
45926	921	400	$\frac{7}{100}$	$\frac{1}{10}$	$\frac{93}{400}$	$\frac{3}{10}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
45927	921	360	$\frac{1}{10}$	$\frac{7}{60}$	$\frac{53}{360}$	$\frac{3}{10}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
45928	921	350	$\frac{1}{10}$	$\frac{43}{350}$	$\frac{7}{50}$	$\frac{3}{10}$	$\Phi_{350}^3\ \Phi_{175}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
45929	921	325	$\frac{18}{325}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{325}^3\ \Phi_{65}^3\ \Phi_{25}\ \Phi_{13}^3\ \Phi_1$
45930	921	420	$\frac{1}{28}$	$\frac{27}{140}$	$\frac{1}{4}$	$\frac{113}{420}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{30}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
45931	921	380	$\frac{3}{76}$	$\frac{73}{380}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{380}^3\ \Phi_{190}^3\ \Phi_{95}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
45932	921	320	$\frac{13}{320}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
45933	921	352	$\frac{3}{44}$	$\frac{45}{352}$	$\frac{41}{176}$	$\frac{1}{4}$	$\Phi_{352}^3\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{44}^3\ \Phi_{32}^3\ \Phi_{22}^3\ \Phi_{16}^2\ \Phi_{11}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
45934	921	396	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{396}$	$\frac{1}{4}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^3\ \Phi_{66}^2\ \Phi_{44}^3\ \Phi_{36}^2\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}^3\ \Phi_9^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
45935	921	336	$\frac{29}{336}$	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^2\ \Phi_{84}^3\ \Phi_{56}^2\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_8^2\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
45936	921	392	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{85}{392}$	$\frac{1}{4}$	$\Phi_{392}^3\ \Phi_{196}\ \Phi_{98}^2\ \Phi_{56}^3\ \Phi_{49}^2\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
45937	921	1100	$\frac{3}{44}$	$\frac{179}{1100}$	$\frac{41}{220}$	$\frac{1}{4}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{100}\ \Phi_{50}\ \Phi_{44}\ \Phi_{25}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
45938	921	1120	$\frac{3}{28}$	$\frac{25}{224}$	$\frac{199}{1120}$	$\frac{1}{4}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
45939	921	400	$\frac{7}{100}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{93}{400}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{25}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_1$
45940	921	1024	$\frac{103}{1024}$	$\frac{1}{8}$	$\frac{25}{128}$	$\frac{7}{32}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
45941	921	1120	$\frac{25}{224}$	$\frac{1}{8}$	$\frac{199}{1120}$	$\frac{7}{32}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
45942	921	1000	$\frac{79}{1000}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{40}\ \Phi_{25}\ \Phi_8\ \Phi_1$
45943	921	375	$\frac{7}{75}$	$\frac{4}{25}$	$\frac{68}{375}$	$\frac{1}{5}$	$\Phi_{375}^3\ \Phi_{125}^3\ \Phi_{25}\ \Phi_1$
45944	921	350	$\frac{43}{350}$	$\frac{7}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{350}^3\ \Phi_{175}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{25}\ \Phi_{14}^3\ \Phi_7^3\ \Phi_1$
45945	922	918	$\frac{2}{459}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{457}{918}$	$\Phi_{918}^2\ \Phi_{306}^2\ \Phi_{102}^2\ \Phi_{54}^2\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
45946	922	1848	$\frac{1}{154}$	$\frac{155}{616}$	$\frac{1}{3}$	$\frac{153}{308}$	$\Phi_{1848}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{24}\ \Phi_{21}\ \Phi_6$
45947	922	912	$\frac{5}{456}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{451}{912}$	$\Phi_{912}^2\ \Phi_{304}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
45948	922	2730	$\frac{6}{455}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{449}{910}$	$\Phi_{2730}\ \Phi_{546}\ \Phi_{390}\ \Phi_{210}\ \Phi_{78}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_6$
45949	922	528	$\frac{1}{66}$	$\frac{67}{528}$	$\frac{1}{3}$	$\frac{65}{132}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
45950	922	903	$\frac{19}{903}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{442}{903}$	$\Phi_{903}\ \Phi_{301}\ \Phi_{129}\ \Phi_{43}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
45951	922	2706	$\frac{10}{451}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{441}{902}$	$\Phi_{2706}\ \Phi_{246}\ \Phi_{66}\ \Phi_{33}\ \Phi_6$
45952	922	504	$\frac{1}{42}$	$\frac{43}{504}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
45953	922	2688	$\frac{13}{448}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{435}{896}$	$\Phi_{2688}\ \Phi_{384}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
45954	922	891	$\frac{31}{891}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{430}{891}$	$\Phi_{891}\ \Phi_{297}\ \Phi_{99}\ \Phi_{81}\ \Phi_{33}^2\ \Phi_{27}\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
45955	922	882	$\frac{20}{441}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{421}{882}$	$\Phi_{882}^2\,\Phi_{294}^2\,\Phi_{126}^2\,\Phi_{98}^2\,\Phi_{42}^2\,\Phi_{21}^2\,\Phi_{18}^2\,\Phi_{14}^2\,\Phi_7^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
45956	922	1452	$\frac{1}{22}$	$\frac{23}{484}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{1452}\,\Phi_{726}\,\Phi_{363}\,\Phi_{66}\,\Phi_{33}\,\Phi_6$
45957	922	2640	$\frac{1}{22}$	$\frac{21}{440}$	$\frac{1}{3}$	$\frac{419}{880}$	$\Phi_{2640}\,\Phi_{528}\,\Phi_{240}\,\Phi_{66}\,\Phi_{48}\,\Phi_{33}\,\Phi_6$
45958	922	1428	$\frac{15}{476}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{1428}\,\Phi_{714}\,\Phi_{357}\,\Phi_{204}\,\Phi_{102}\,\Phi_{51}\,\Phi_{42}\,\Phi_{21}\,\Phi_6$
45959	922	858	$\frac{1}{33}$	$\frac{32}{429}$	$\frac{1}{3}$	$\frac{397}{858}$	$\Phi_{858}^2\,\Phi_{286}^2\,\Phi_{78}^2\,\Phi_{66}^2\,\Phi_{33}^2\,\Phi_{26}^2\,\Phi_{22}^2\,\Phi_{11}^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
45960	922	840	$\frac{1}{42}$	$\frac{41}{420}$	$\frac{1}{3}$	$\frac{379}{840}$	$\Phi_{840}^2\,\Phi_{280}^2\,\Phi_{168}^2\,\Phi_{120}^2\,\Phi_{56}^2\,\Phi_{42}^2\,\Phi_{40}^2\,\Phi_{24}^2\,\Phi_{21}^2\,\Phi_{14}^2\,\Phi_8^2\,\Phi_7^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
45961	922	792	$\frac{1}{66}$	$\frac{65}{396}$	$\frac{1}{3}$	$\frac{331}{792}$	$\Phi_{792}^2\,\Phi_{264}^2\,\Phi_{88}^2\,\Phi_{72}^2\,\Phi_{66}^2\,\Phi_{33}^2\,\Phi_{24}^2\,\Phi_{22}^2\,\Phi_{11}^2\,\Phi_8^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
45962	922	468	$\frac{7}{468}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{468}^2\,\Phi_{234}^2\,\Phi_{156}^2\,\Phi_{117}^2\,\Phi_{78}^2\,\Phi_{52}^2\,\Phi_{39}^2\,\Phi_{36}^2\,\Phi_{26}^2\,\Phi_{18}^2\,\Phi_{13}^2\,\Phi_9^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
45963	922	2310	$\frac{1}{77}$	$\frac{76}{385}$	$\frac{1}{3}$	$\frac{309}{770}$	$\Phi_{2310}\,\Phi_{462}\,\Phi_{330}\,\Phi_{231}\,\Phi_{210}\,\Phi_{66}\,\Phi_{42}\,\Phi_{33}\,\Phi_{30}\,\Phi_{21}\,\Phi_6$
45964	922	693	$\frac{2}{231}$	$\frac{229}{693}$	$\frac{1}{3}$	$\frac{232}{693}$	$\Phi_{693}\,\Phi_{231}^2\,\Phi_{99}\,\Phi_{77}^2\,\Phi_{63}\,\Phi_{33}^2\,\Phi_{21}^2\,\Phi_{11}^2\,\Phi_9\,\Phi_7^2\,\Phi_3\,\Phi_1^2$
45965	922	612	$\frac{2}{153}$	$\frac{151}{612}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{612}^2\,\Phi_{306}^2\,\Phi_{204}^2\,\Phi_{102}^2\,\Phi_{68}^2\,\Phi_{36}^2\,\Phi_{34}^2\,\Phi_{18}^2\,\Phi_{12}^2\,\Phi_6^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
45966	922	468	$\frac{7}{468}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{468}^2\,\Phi_{234}^2\,\Phi_{156}^2\,\Phi_{117}^2\,\Phi_{78}^2\,\Phi_{52}^2\,\Phi_{39}^2\,\Phi_{36}^2\,\Phi_{26}^2\,\Phi_{18}^2\,\Phi_{13}^2\,\Phi_{12}^2\,\Phi_6^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
45967	922	510	$\frac{2}{51}$	$\frac{49}{510}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{510}^2\,\Phi_{255}^2\,\Phi_{170}^2\,\Phi_{102}^2\,\Phi_{85}^2\,\Phi_{34}^2\,\Phi_{30}^2\,\Phi_{15}^2\,\Phi_{10}^2\,\Phi_6^2\,\Phi_5^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
45968	922	486	$\frac{25}{486}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{486}^2\,\Phi_{243}^2\,\Phi_{162}^2\,\Phi_{81}^2\,\Phi_{54}^2\,\Phi_{18}^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
45969	922	594	$\frac{1}{66}$	$\frac{133}{594}$	$\frac{65}{198}$	$\frac{1}{3}$	$\Phi_{594}^2\,\Phi_{297}^2\,\Phi_{66}^2\,\Phi_{54}^2\,\Phi_{33}^2\,\Phi_{27}^2\,\Phi_{22}^2\,\Phi_{11}^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
45970	922	684	$\frac{5}{228}$	$\frac{1}{6}$	$\frac{223}{684}$	$\frac{1}{3}$	$\Phi_{684}^2\,\Phi_{342}^2\,\Phi_{171}^2\,\Phi_{36}^2\,\Phi_{18}^2\,\Phi_9^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
45971	922	504	$\frac{1}{21}$	$\frac{43}{504}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{504}^2\,\Phi_{252}^2\,\Phi_{168}^2\,\Phi_{126}^2\,\Phi_{84}^2\,\Phi_{72}^2\,\Phi_{56}^2\,\Phi_{42}^2\,\Phi_{36}^2\,\Phi_{28}^2\,\Phi_{24}^2\,\Phi_{21}^2\,\Phi_{18}^2\,\Phi_{14}^2\,\Phi_{12}^2\,\Phi_8^2\,\Phi_7^2\,\Phi_6^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
45972	922	672	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{211}{672}$	$\frac{1}{3}$	$\Phi_{672}\,\Phi_{336}\,\Phi_{224}^2\,\Phi_{168}\,\Phi_{112}^2\,\Phi_{96}\,\Phi_{84}\,\Phi_{56}^2\,\Phi_{48}\,\Phi_{42}^2\,\Phi_{32}^2\,\Phi_{28}^2\,\Phi_{24}\,\Phi_{21}^2\,\Phi_{16}^2\,\Phi_{14}^2\,\Phi_{12}\,\Phi_8^2\,\Phi_7^2\,\Phi_6^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
45973	922	495	$\frac{2}{33}$	$\frac{34}{495}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{495}^2\,\Phi_{165}^2\,\Phi_{99}\,\Phi_{55}^2\,\Phi_{45}^2\,\Phi_{33}^2\,\Phi_{15}^2\,\Phi_{11}^2\,\Phi_9\,\Phi_5^2\,\Phi_3\,\Phi_1^2$
45974	922	660	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{199}{660}$	$\frac{1}{3}$	$\Phi_{660}\,\Phi_{330}\,\Phi_{220}^2\,\Phi_{165}\,\Phi_{132}\,\Phi_{110}^2\,\Phi_{66}^2\,\Phi_{60}\,\Phi_{55}^2\,\Phi_{44}^2\,\Phi_{33}^2\,\Phi_{30}\,\Phi_{22}^2\,\Phi_{20}^2\,\Phi_{15}\,\Phi_{12}\,\Phi_{11}^2\,\Phi_{10}^2\,\Phi_6^2\,\Phi_5^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
45975	922	630	$\frac{1}{42}$	$\frac{41}{210}$	$\frac{169}{630}$	$\frac{1}{3}$	$\Phi_{630}^2\,\Phi_{315}^2\,\Phi_{126}^2\,\Phi_{90}^2\,\Phi_{63}^2\,\Phi_{45}^2\,\Phi_{42}^2\,\Phi_{21}^2\,\Phi_{18}^2\,\Phi_{14}^2\,\Phi_9^2\,\Phi_7^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
45976	922	528	$\frac{1}{22}$	$\frac{67}{528}$	$\frac{21}{88}$	$\frac{1}{3}$	$\Phi_{528}^2\,\Phi_{264}\,\Phi_{176}^2\,\Phi_{132}\,\Phi_{88}^2\,\Phi_{66}^2\,\Phi_{48}^2\,\Phi_{44}^2\,\Phi_{33}^2\,\Phi_{24}\,\Phi_{22}^2\,\Phi_{16}^2\,\Phi_{12}\,\Phi_{11}^2\,\Phi_8^2\,\Phi_6^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
45977	922	504	$\frac{1}{14}$	$\frac{43}{504}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{504}^2\,\Phi_{252}^2\,\Phi_{168}\,\Phi_{126}^2\,\Phi_{84}\,\Phi_{72}^2\,\Phi_{63}^2\,\Phi_{56}^2\,\Phi_{42}^2\,\Phi_{36}^2\,\Phi_{28}^2\,\Phi_{24}\,\Phi_{21}^2\,\Phi_{18}^2\,\Phi_{14}^2\,\Phi_{12}\,\Phi_9^2\,\Phi_8^2\,\Phi_7^2\,\Phi_6^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
45978	922	594	$\frac{2}{33}$	$\frac{31}{297}$	$\frac{133}{594}$	$\frac{1}{3}$	$\Phi_{594}^2\,\Phi_{297}\,\Phi_{198}^2\,\Phi_{99}\,\Phi_{66}^2\,\Phi_{54}^2\,\Phi_{33}^2\,\Phi_{27}\,\Phi_{22}^2\,\Phi_{18}^2\,\Phi_{11}^2\,\Phi_9\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
45979	922	588	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{127}{588}$	$\frac{1}{3}$	$\Phi_{588}^2\,\Phi_{294}^2\,\Phi_{196}^2\,\Phi_{98}^2\,\Phi_{84}^2\,\Phi_{42}^2\,\Phi_{28}^2\,\Phi_{21}^2\,\Phi_{14}^2\,\Phi_{12}^2\,\Phi_7^2\,\Phi_6^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
45980	922	480	$\frac{19}{480}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{480}^2\,\Phi_{240}^2\,\Phi_{160}^2\,\Phi_{120}^2\,\Phi_{96}^2\,\Phi_{80}^2\,\Phi_{60}^2\,\Phi_{48}^2\,\Phi_{40}^2\,\Phi_{32}^2\,\Phi_{30}^2\,\Phi_{20}^2\,\Phi_{16}^2\,\Phi_{15}^2\,\Phi_{10}^2\,\Phi_6^2\,\Phi_5^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
45981	922	570	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{109}{570}$	$\frac{1}{3}$	$\Phi_{570}^2\,\Phi_{285}^2\,\Phi_{190}^2\,\Phi_{95}^2\,\Phi_{30}^2\,\Phi_{15}^2\,\Phi_{10}^2\,\Phi_6^2\,\Phi_5^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
45982	922	1650	$\frac{1}{22}$	$\frac{89}{550}$	$\frac{21}{110}$	$\frac{1}{3}$	$\Phi_{1650}\,\Phi_{825}\,\Phi_{150}\,\Phi_{75}\,\Phi_{66}\,\Phi_{33}\,\Phi_6$
45983	922	1680	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{99}{560}$	$\frac{1}{3}$	$\Phi_{1680}\,\Phi_{840}\,\Phi_{420}\,\Phi_{240}\,\Phi_{210}\,\Phi_{120}\,\Phi_{105}\,\Phi_{60}\,\Phi_{42}\,\Phi_{30}\,\Phi_{21}\,\Phi_{15}\,\Phi_6$
45984	922	1470	$\frac{29}{490}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{1470}\,\Phi_{735}\,\Phi_{294}\,\Phi_{210}\,\Phi_{147}\,\Phi_{42}\,\Phi_{30}\,\Phi_{21}\,\Phi_6$
45985	922	546	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{85}{546}$	$\frac{1}{3}$	$\Phi_{546}^2\,\Phi_{273}\,\Phi_{182}^2\,\Phi_{91}^2\,\Phi_{78}^2\,\Phi_{42}^2\,\Phi_{39}\,\Phi_{26}^2\,\Phi_{21}^2\,\Phi_{14}^2\,\Phi_{13}^2\,\Phi_7^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
45986	923	840	$\frac{1}{70}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{69}{140}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{20}\ \Phi_8^3\ \Phi_4\ \Phi_1$
45987	923	420	$\frac{1}{70}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{69}{140}$	$\Phi_{420}^4\ \Phi_{140}^5\ \Phi_{84}^4\ \Phi_{60}^4\ \Phi_{28}^5\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{12}^4\ \Phi_5\ \Phi_4^5\ \Phi_1$
45988	923	1260	$\frac{1}{70}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{69}{140}$	$\Phi_{1260}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
45989	923	560	$\frac{1}{70}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{69}{140}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
45990	923	966	$\frac{2}{69}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{322}\ \Phi_{161}\ \Phi_{69}\ \Phi_{42}^2\ \Phi_{23}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
45991	923	672	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{672}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{96}\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{32}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
45992	923	952	$\frac{3}{68}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{952}^2\ \Phi_{136}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
45993	923	924	$\frac{1}{14}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{924}^2\ \Phi_{308}^2\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{44}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
45994	923	840	$\frac{1}{35}$	$\frac{1}{12}$	$\frac{34}{105}$	$\frac{11}{24}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{15}\ \Phi_8^3\ \Phi_3\ \Phi_1$
45995	923	600	$\frac{4}{75}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{600}^3\ \Phi_{200}^3\ \Phi_{120}^2\ \Phi_{75}\ \Phi_{40}^2\ \Phi_{25}\ \Phi_{24}^3\ \Phi_{15}\ \Phi_8^3\ \Phi_3\ \Phi_1$
45996	923	168	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{84}$	$\frac{11}{24}$	$\Phi_{168}^{10}\ \Phi_{84}\ \Phi_{56}^{10}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}^{11}\ \Phi_{21}\ \Phi_{12}\ \Phi_8^{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
45997	923	1848	$\frac{6}{77}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{88}\ \Phi_{77}\ \Phi_{24}\ \Phi_{11}\ \Phi_8\ \Phi_1$
45998	923	240	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{11}{24}$	$\Phi_{240}^4\ \Phi_{120}^2\ \Phi_{80}^5\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^3\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^5\ \Phi_{16}^5\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
45999	923	896	$\frac{1}{14}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{896}^2\ \Phi_{128}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
46000	923	560	$\frac{1}{14}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{80}\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
46001	923	126	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{126}^7\ \Phi_{63}^8\ \Phi_{42}^7\ \Phi_{21}^8\ \Phi_{18}^7\ \Phi_{14}^6\ \Phi_9^7\ \Phi_7^7\ \Phi_6^7\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
46002	923	840	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{120}\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
46003	923	756	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{756}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{108}\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
46004	923	105	$\frac{1}{35}$	$\frac{2}{15}$	$\frac{34}{105}$	$\frac{1}{3}$	$\Phi_{105}^9\ \Phi_{35}^8\ \Phi_{21}^9\ \Phi_{15}^{10}\ \Phi_7^8\ \Phi_5^9\ \Phi_3^9\ \Phi_1^9$
46005	923	75	$\frac{4}{75}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{75}^{13}\ \Phi_{25}^{13}\ \Phi_{15}^{10}\ \Phi_5^9\ \Phi_3^9\ \Phi_1^9$
46006	923	420	$\frac{1}{14}$	$\frac{2}{15}$	$\frac{13}{84}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^2\ \Phi_{140}^3\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
46007	923	1155	$\frac{6}{77}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{165}\ \Phi_{77}\ \Phi_{55}\ \Phi_{15}\ \Phi_{11}\ \Phi_5\ \Phi_1$
46008	923	240	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^5\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^5\ \Phi_{24}^4\ \Phi_{20}^5\ \Phi_{16}^5\ \Phi_{15}\ \Phi_{12}^4\ \Phi_8^5\ \Phi_5\ \Phi_4^5\ \Phi_1$
46009	923	630	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{34}{105}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{21}\ \Phi_{18}^3\ \Phi_{15}\ \Phi_9^3\ \Phi_3\ \Phi_1$
46010	923	1680	$\frac{1}{35}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{34}{105}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{336}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{48}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
46011	923	450	$\frac{4}{75}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{450}^3\ \Phi_{225}^3\ \Phi_{90}^2\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{25}\ \Phi_{18}^3\ \Phi_{15}\ \Phi_9^3\ \Phi_3\ \Phi_1$
46012	923	252	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{252}^6\ \Phi_{126}^4\ \Phi_{84}\ \Phi_{63}^4\ \Phi_{42}\ \Phi_{36}^6\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}^5\ \Phi_{12}\ \Phi_9^5\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
46013	923	1386	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{198}\ \Phi_{99}\ \Phi_{77}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
46014	923	720	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{80}\ \Phi_{72}^2\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
46015	923	672	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{96}\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
46016	923	1200	$\frac{4}{75}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{120}\ \Phi_{75}\ \Phi_{48}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
46017	923	336	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{48}^4\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
46018	923	1232	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{176}\ \Phi_{88}\ \Phi_{77}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
46019	923	80	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{80}^{11}\ \Phi_{40}^{11}\ \Phi_{20}^{13}\ \Phi_{16}^{12}\ \Phi_{10}^{12}\ \Phi_8^{12}\ \Phi_5^{12}\ \Phi_4^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
46020	924	1380	$\frac{1}{230}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{229}{460}$	$\Phi_{1380}\ \Phi_{460}^2\ \Phi_{276}\ \Phi_{92}^2\ \Phi_{60}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
46021	924	765	$\frac{1}{153}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{76}{153}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}^2\ \Phi_{85}\ \Phi_{51}^2\ \Phi_{45}\ \Phi_{17}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
46022	924	612	$\frac{1}{153}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{76}{153}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{36}^2\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
46023	924	923	$\frac{7}{923}$	$\frac{155}{923}$	$\frac{384}{923}$	$\frac{458}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_1^2$
46024	924	1572	$\frac{1}{131}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{65}{131}$	$\Phi_{1572}\ \Phi_{524}\ \Phi_{131}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
46025	924	1179	$\frac{1}{131}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{65}{131}$	$\Phi_{1179}\ \Phi_{131}\ \Phi_9^2\ \Phi_1^2$
46026	924	412	$\frac{1}{103}$	$\frac{1}{4}$	$\frac{26}{103}$	$\frac{51}{103}$	$\Phi_{412}^3\ \Phi_{206}^3\ \Phi_4^2\ \Phi_2^2$
46027	924	923	$\frac{9}{923}$	$\frac{230}{923}$	$\frac{233}{923}$	$\frac{457}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_1^2$
46028	924	1389	$\frac{5}{463}$	$\frac{78}{463}$	$\frac{1}{3}$	$\frac{229}{463}$	Φ_{1389}
46029	924	1660	$\frac{1}{83}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{41}{83}$	$\Phi_{1660}\ \Phi_{332}\ \Phi_{83}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
46030	924	1245	$\frac{1}{83}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{41}{83}$	$\Phi_{1245}\ \Phi_{249}\ \Phi_{83}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
46031	924	1672	$\frac{1}{76}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{75}{152}$	$\Phi_{1672}\ \Phi_{152}^2\ \Phi_{88}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
46032	924	3192	$\frac{1}{76}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{75}{152}$	$\Phi_{3192}\ \Phi_{168}\ \Phi_{21}$
46033	924	1672	$\frac{1}{76}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{75}{152}$	$\Phi_{1672}\ \Phi_{152}^2\ \Phi_{88}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
46034	924	760	$\frac{1}{76}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{75}{152}$	$\Phi_{760}^3\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
46035	924	142	$\frac{1}{71}$	$\frac{6}{71}$	$\frac{65}{142}$	$\frac{35}{71}$	$\Phi_{142}^{12}\ \Phi_{71}\ \Phi_2^{12}\ \Phi_1^2$
46036	924	213	$\frac{1}{71}$	$\frac{12}{71}$	$\frac{59}{213}$	$\frac{35}{71}$	$\Phi_{213}^6\ \Phi_{71}\ \Phi_3^6\ \Phi_1^2$
46037	924	284	$\frac{1}{71}$	$\frac{53}{284}$	$\frac{18}{71}$	$\frac{35}{71}$	$\Phi_{284}^4\ \Phi_{142}^4\ \Phi_{71}\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
46038	924	65	$\frac{1}{65}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{32}{65}$	$\Phi_{65}^{14}\ \Phi_{13}^{15}\ \Phi_5^{14}\ \Phi_1^{16}$
46039	924	1560	$\frac{1}{65}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{32}{65}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{156}\ \Phi_{120}\ \Phi_{78}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
46040	924	923	$\frac{15}{923}$	$\frac{67}{923}$	$\frac{428}{923}$	$\frac{454}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_1^2$
46041	924	1064	$\frac{3}{133}$	$\frac{1}{8}$	$\frac{34}{133}$	$\frac{65}{133}$	$\Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{152}\ \Phi_{76}\ \Phi_{56}\ \Phi_{38}\ \Phi_{28}\ \Phi_{14}$
46042	924	1720	$\frac{1}{43}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{21}{43}$	$\Phi_{1720}\ \Phi_{344}\ \Phi_{43}\ \Phi_{40}^2\ \Phi_8^2\ \Phi_1^2$
46043	924	430	$\frac{1}{43}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{21}{43}$	$\Phi_{430}^2\ \Phi_{215}^2\ \Phi_{86}^2\ \Phi_{43}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
46044	924	344	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{21}{43}$	$\Phi_{344}^3\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{43}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
46045	924	1075	$\frac{1}{43}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{43}$	$\Phi_{1075}\ \Phi_{43}\ \Phi_{25}^2\ \Phi_1^2$
46046	924	861	$\frac{1}{41}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{20}{41}$	$\Phi_{861}\ \Phi_{287}\ \Phi_{123}\ \Phi_{41}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
46047	924	492	$\frac{1}{41}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{492}^2\ \Phi_{246}^2\ \Phi_{164}^2\ \Phi_{123}\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
46048	924	574	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{20}{41}$	$\Phi_{574}^2\ \Phi_{287}\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
46049	924	923	$\frac{23}{923}$	$\frac{43}{923}$	$\frac{440}{923}$	$\frac{450}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_1^2$
46050	924	1950	$\frac{2}{75}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{1950}\ \Phi_{650}\ \Phi_{390}\ \Phi_{130}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
46051	924	1050	$\frac{2}{75}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{73}{150}$	$\Phi_{1050}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{14}^2$
46052	924	923	$\frac{25}{923}$	$\frac{98}{923}$	$\frac{237}{923}$	$\frac{449}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_1^2$
46053	924	1389	$\frac{13}{463}$	$\frac{34}{463}$	$\frac{1}{3}$	$\frac{225}{463}$	Φ_{1389}
46054	924	299	$\frac{9}{299}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{145}{299}$	$\Phi_{299}^3\ \Phi_{23}^3\ \Phi_{13}^5\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
46055	924	1728	$\frac{1}{32}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{31}{64}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{64}^2\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
46056	924	960	$\frac{1}{32}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{960}^2\ \Phi_{320}^2\ \Phi_{192}\ \Phi_{64}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
46057	924	576	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{31}{64}$	$\Phi_{576}^3\ \Phi_{192}^3\ \Phi_{64}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
46058	924	320	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{31}{64}$	$\Phi_{320}^7\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
46059	924	923	$\frac{29}{923}$	$\frac{68}{923}$	$\frac{285}{923}$	$\frac{447}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_1^2$
46060	924	651	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{16}{93}$	$\frac{15}{31}$	$\Phi_{651}^2\ \Phi_{217}\ \Phi_{21}^2$
46061	924	1020	$\frac{3}{85}$	$\frac{1}{12}$	$\frac{22}{85}$	$\frac{41}{85}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{102}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{34}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
46062	924	432	$\frac{1}{27}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{13}{27}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^4\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
46063	924	108	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{108}^8\ \Phi_{54}^8\ \Phi_{36}^8\ \Phi_{27}^9\ \Phi_{18}^8\ \Phi_{12}^{11}\ \Phi_9^9\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
46064	924	1080	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{13}{27}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
46065	924	1064	$\frac{5}{133}$	$\frac{1}{8}$	$\frac{23}{133}$	$\frac{64}{133}$	$\Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{152}\ \Phi_{76}\ \Phi_{56}\ \Phi_{38}\ \Phi_{28}\ \Phi_{14}$
46066	924	104	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{104}^{12}\ \Phi_{26}^{12}\ \Phi_{13}^{11}\ \Phi_8^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
46067	924	923	$\frac{37}{923}$	$\frac{109}{923}$	$\frac{160}{923}$	$\frac{443}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_1^2$
46068	924	1236	$\frac{13}{309}$	$\frac{23}{309}$	$\frac{1}{4}$	$\frac{148}{309}$	$\Phi_{1236}\ \Phi_{618}\ \Phi_{412}\ \Phi_{206}\ \Phi_{12}\ \Phi_6$
46069	924	923	$\frac{41}{923}$	$\frac{62}{923}$	$\frac{241}{923}$	$\frac{441}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_1^2$
46070	924	442	$\frac{10}{221}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{211}{442}$	$\Phi_{442}^4\ \Phi_{34}^4\ \Phi_{26}^4\ \Phi_{13}^3\ \Phi_2^4\ \Phi_1^4$
46071	924	1389	$\frac{21}{463}$	$\frac{22}{463}$	$\frac{1}{3}$	$\frac{221}{463}$	Φ_{1389}
46072	924	462	$\frac{1}{22}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}^3\ \Phi_{42}^2\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_6^3\ \Phi_2^2$
46073	924	861	$\frac{1}{21}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{10}{21}$	$\Phi_{861}\ \Phi_{287}\ \Phi_{123}\ \Phi_{41}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
46074	924	420	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{84}^2\ \Phi_{70}^3\ \Phi_{60}^4\ \Phi_{42}^2\ \Phi_{30}^4\ \Phi_{28}^2\ \Phi_{20}^4\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
46075	924	861	$\frac{1}{21}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{10}{21}$	$\Phi_{861}\ \Phi_{287}\ \Phi_{123}\ \Phi_{41}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
46076	924	168	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{10}{21}$	$\Phi_{168}^6\ \Phi_{84}^6\ \Phi_{56}^7\ \Phi_{42}^6\ \Phi_{28}^7\ \Phi_{24}^6\ \Phi_{14}^7\ \Phi_{12}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_2^6$
46077	924	923	$\frac{44}{923}$	$\frac{45}{923}$	$\frac{293}{923}$	$\frac{439}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_1^2$
46078	924	2760	$\frac{1}{23}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{2760}\ \Phi_{552}\ \Phi_{69}$
46079	924	1720	$\frac{1}{20}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{19}{40}$	$\Phi_{1720}\ \Phi_{344}\ \Phi_{43}\ \Phi_{40}^2\ \Phi_8^2\ \Phi_1^2$
46080	924	120	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{120}^{16}\ \Phi_{60}\ \Phi_{40}^{12}\ \Phi_{30}\ \Phi_{24}^{16}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8^{12}$
46081	924	152	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{5}{38}$	$\frac{9}{19}$	$\Phi_{152}^7\ \Phi_{76}^7\ \Phi_{38}^3\ \Phi_{19}^4\ \Phi_8^6\ \Phi_4^6\ \Phi_2^2\ \Phi_1^4$
46082	924	204	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{204}^5\ \Phi_{102}^5\ \Phi_{68}^5\ \Phi_{51}^5\ \Phi_{34}^5\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4$
46083	924	923	$\frac{35}{923}$	$\frac{57}{923}$	$\frac{296}{923}$	$\frac{433}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_1^2$
46084	924	923	$\frac{61}{923}$	$\frac{69}{923}$	$\frac{164}{923}$	$\frac{431}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_1^2$
46085	924	330	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{330}^3\ \Phi_{165}^3\ \Phi_{110}^3\ \Phi_{66}^3\ \Phi_{55}^3\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{10}^3\ \Phi_6^3\ \Phi_2^2$
46086	924	412	$\frac{5}{103}$	$\frac{7}{103}$	$\frac{1}{4}$	$\frac{48}{103}$	$\Phi_{412}^3\ \Phi_{206}^3\ \Phi_4^2\ \Phi_2^2$
46087	924	1872	$\frac{5}{72}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
46088	924	1005	$\frac{1}{15}$	$\frac{5}{67}$	$\frac{12}{67}$	$\frac{31}{67}$	$\Phi_{1005}\ \Phi_{335}\ \Phi_{201}$
46089	924	1326	$\frac{1}{34}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{102}^2\ \Phi_{78}\ \Phi_{51}^2\ \Phi_6^2$
46090	924	65	$\frac{2}{65}$	$\frac{1}{13}$	$\frac{21}{65}$	$\frac{6}{13}$	$\Phi_{65}^{14}\ \Phi_{13}^{15}\ \Phi_5^{14}\ \Phi_1^{16}$
46091	924	1196	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{1196}\ \Phi_{598}\ \Phi_{92}^2\ \Phi_{46}^2$
46092	924	455	$\frac{2}{35}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{455}^2\ \Phi_{91}^2\ \Phi_{65}\ \Phi_{35}^4\ \Phi_{13}^2\ \Phi_7^4\ \Phi_5^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
46093	924	13	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{6}{13}$	$\Phi_{13}^{71}\ \Phi_{1}^{72}$
46094	924	1092	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}$
46095	924	260	$\frac{1}{13}$	$\frac{7}{65}$	$\frac{29}{260}$	$\frac{6}{13}$	$\Phi_{260}^{4}\ \Phi_{130}^{4}\ \Phi_{65}^{2}\ \Phi_{52}^{4}\ \Phi_{26}^{4}\ \Phi_{20}^{4}\ \Phi_{13}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
46096	924	923	$\frac{73}{923}$	$\frac{83}{923}$	$\frac{120}{923}$	$\frac{425}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_{1}^{2}$
46097	924	1064	$\frac{11}{133}$	$\frac{12}{133}$	$\frac{1}{8}$	$\frac{61}{133}$	$\Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{152}\ \Phi_{76}\ \Phi_{56}\ \Phi_{38}\ \Phi_{28}\ \Phi_{14}$
46098	924	1085	$\frac{12}{155}$	$\frac{13}{155}$	$\frac{1}{7}$	$\frac{71}{155}$	$\Phi_{1085}\ \Phi_{217}\ \Phi_{35}$
46099	924	142	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{11}{71}$	$\frac{65}{142}$	$\Phi_{142}^{12}\ \Phi_{71}\ \Phi_{2}^{12}\ \Phi_{1}^{2}$
46100	924	923	$\frac{54}{923}$	$\frac{79}{923}$	$\frac{167}{923}$	$\frac{422}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_{1}^{2}$
46101	924	412	$\frac{4}{103}$	$\frac{9}{103}$	$\frac{1}{4}$	$\frac{47}{103}$	$\Phi_{412}^{3}\ \Phi_{206}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
46102	924	923	$\frac{32}{923}$	$\frac{81}{923}$	$\frac{251}{923}$	$\frac{421}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_{1}^{2}$
46103	924	1389	$\frac{12}{463}$	$\frac{41}{463}$	$\frac{1}{3}$	$\frac{211}{463}$	Φ_{1389}
46104	924	1254	$\frac{1}{38}$	$\frac{1}{11}$	$\frac{37}{114}$	$\frac{5}{11}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{114}^{2}\ \Phi_{66}\ \Phi_{57}^{2}\ \Phi_{33}\ \Phi_{11}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
46105	924	880	$\frac{3}{80}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}^{2}\ \Phi_{55}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
46106	924	1045	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{18}{95}$	$\frac{5}{11}$	$\Phi_{1045}\ \Phi_{95}^{2}\ \Phi_{55}\ \Phi_{11}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
46107	924	418	$\frac{3}{38}$	$\frac{1}{11}$	$\frac{5}{38}$	$\frac{5}{11}$	$\Phi_{418}^{2}\ \Phi_{209}^{2}\ \Phi_{38}^{4}\ \Phi_{22}^{2}\ \Phi_{19}^{4}\ \Phi_{11}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
46108	924	264	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{264}^{4}\ \Phi_{132}^{3}\ \Phi_{88}^{3}\ \Phi_{66}^{3}\ \Phi_{44}^{2}\ \Phi_{33}^{3}\ \Phi_{24}^{8}\ \Phi_{22}^{2}\ \Phi_{12}^{6}\ \Phi_{11}^{3}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
46109	924	923	$\frac{23}{923}$	$\frac{89}{923}$	$\frac{300}{923}$	$\frac{417}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_{1}^{2}$
46110	924	2580	$\frac{1}{43}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{2580}\ \Phi_{516}\ \Phi_{129}$
46111	924	1660	$\frac{2}{83}$	$\frac{1}{10}$	$\frac{27}{83}$	$\frac{9}{20}$	$\Phi_{1660}\ \Phi_{332}\ \Phi_{83}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
46112	924	580	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{580}\ \Phi_{290}^{2}\ \Phi_{145}^{2}\ \Phi_{116}^{2}\ \Phi_{58}^{3}\ \Phi_{29}^{2}$
46113	924	1660	$\frac{3}{83}$	$\frac{1}{10}$	$\frac{20}{83}$	$\frac{9}{20}$	$\Phi_{1660}\ \Phi_{332}\ \Phi_{83}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
46114	924	220	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{220}^{8}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}^{8}\ \Phi_{20}^{4}\ \Phi_{10}\ \Phi_{4}^{4}$
46115	924	1660	$\frac{5}{83}$	$\frac{1}{10}$	$\frac{13}{83}$	$\frac{9}{20}$	$\Phi_{1660}\ \Phi_{332}\ \Phi_{83}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
46116	924	420	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{420}^{5}\ \Phi_{140}^{4}\ \Phi_{105}\ \Phi_{84}^{5}\ \Phi_{35}\ \Phi_{28}^{4}\ \Phi_{21}$
46117	924	1660	$\frac{6}{83}$	$\frac{1}{10}$	$\frac{11}{83}$	$\frac{9}{20}$	$\Phi_{1660}\ \Phi_{332}\ \Phi_{83}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
46118	924	520	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{520}^{2}\ \Phi_{260}\ \Phi_{130}^{2}\ \Phi_{104}^{3}\ \Phi_{65}^{2}\ \Phi_{52}^{2}\ \Phi_{26}^{3}\ \Phi_{13}^{2}$
46119	924	986	$\frac{1}{34}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{986}\ \Phi_{493}\ \Phi_{58}$
46120	924	416	$\frac{1}{13}$	$\frac{23}{208}$	$\frac{3}{26}$	$\frac{185}{416}$	$\Phi_{416}^{4}\ \Phi_{32}^{4}\ \Phi_{26}^{4}\ \Phi_{13}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
46121	924	594	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{594}^{2}\ \Phi_{297}^{2}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{54}^{2}\ \Phi_{33}\ \Phi_{18}\ \Phi_{6}$
46122	924	260	$\frac{1}{13}$	$\frac{29}{260}$	$\frac{3}{26}$	$\frac{23}{52}$	$\Phi_{260}^{4}\ \Phi_{130}^{4}\ \Phi_{65}^{4}\ \Phi_{26}^{4}\ \Phi_{20}^{4}\ \Phi_{13}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
46123	924	989	$\frac{1}{23}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	Φ_{989}
46124	924	923	$\frac{47}{923}$	$\frac{111}{923}$	$\frac{146}{923}$	$\frac{406}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_{1}^{2}$
46125	924	80	$\frac{3}{80}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{80}^{11}\ \Phi_{40}^{12}\ \Phi_{20}^{12}\ \Phi_{16}^{12}\ \Phi_{10}^{12}\ \Phi_{8}^{12}\ \Phi_{5}^{11}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
46126	924	71	$\frac{5}{71}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{31}{71}$	$\Phi_{71}^{13}\ \Phi_{1}^{14}$
46127	924	39	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{5}{39}$	$\frac{17}{39}$	$\Phi_{39}^{24}\ \Phi_{13}^{23}\ \Phi_{3}^{24}\ \Phi_{1}^{24}$
46128	924	1020	$\frac{1}{12}$	$\frac{8}{85}$	$\frac{11}{85}$	$\frac{37}{85}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{102}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{34}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
46129	924	923	$\frac{76}{923}$	$\frac{87}{923}$	$\frac{121}{923}$	$\frac{401}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_{1}^{2}$
46130	924	1085	$\frac{8}{155}$	$\frac{21}{155}$	$\frac{1}{7}$	$\frac{67}{155}$	$\Phi_{1085}\ \Phi_{217}\ \Phi_{35}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
46131	924	923	$\frac{34}{923}$	$\frac{127}{923}$	$\frac{175}{923}$	$\frac{398}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_{1}^{2}$
46132	924	290	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{1}{5}$	$\frac{25}{58}$	$\Phi_{290}^{7}\ \Phi_{145}\ \Phi_{10}^{7}$
46133	924	1236	$\frac{8}{309}$	$\frac{43}{309}$	$\frac{1}{4}$	$\frac{133}{309}$	$\Phi_{1236}\ \Phi_{618}\ \Phi_{412}\ \Phi_{206}\ \Phi_{12}\ \Phi_{6}$
46134	924	923	$\frac{20}{923}$	$\frac{129}{923}$	$\frac{263}{923}$	$\frac{397}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_{1}^{2}$
46135	924	1389	$\frac{8}{463}$	$\frac{65}{463}$	$\frac{1}{3}$	$\frac{199}{463}$	Φ_{1389}
46136	924	280	$\frac{2}{35}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{280}^{4}\ \Phi_{140}^{4}\ \Phi_{70}^{4}\ \Phi_{56}^{3}\ \Phi_{40}^{4}\ \Phi_{28}^{3}\ \Phi_{20}^{4}\ \Phi_{14}^{3}\ \Phi_{10}^{4}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
46137	924	923	$\frac{48}{923}$	$\frac{125}{923}$	$\frac{133}{923}$	$\frac{395}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_{1}^{2}$
46138	924	923	$\frac{76}{923}$	$\frac{77}{923}$	$\frac{141}{923}$	$\frac{391}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_{1}^{2}$
46139	924	1020	$\frac{7}{85}$	$\frac{1}{12}$	$\frac{13}{85}$	$\frac{36}{85}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{102}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{34}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
46140	924	152	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{3}{19}$	$\frac{8}{19}$	$\Phi_{152}^{7}\ \Phi_{76}^{7}\ \Phi_{38}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
46141	924	804	$\frac{1}{67}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{804}^{2}\ \Phi_{268}^{2}\ \Phi_{201}$
46142	924	1572	$\frac{2}{131}$	$\frac{1}{6}$	$\frac{43}{131}$	$\frac{5}{12}$	$\Phi_{1572}\ \Phi_{524}\ \Phi_{131}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
46143	924	180	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{180}^{4}\ \Phi_{90}^{7}\ \Phi_{60}^{4}\ \Phi_{45}^{6}\ \Phi_{36}^{4}\ \Phi_{30}^{7}\ \Phi_{20}^{4}\ \Phi_{18}^{7}\ \Phi_{15}^{6}\ \Phi_{12}^{3}\ \Phi_{10}^{7}\ \Phi_{9}^{6}\ \Phi_{6}^{5}\ \Phi_{5}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
46144	924	1572	$\frac{3}{131}$	$\frac{1}{6}$	$\frac{32}{131}$	$\frac{5}{12}$	$\Phi_{1572}\ \Phi_{524}\ \Phi_{131}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
46145	924	1020	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1020}^{2}\ \Phi_{340}^{2}\ \Phi_{170}\ \Phi_{85}\ \Phi_{60}\ \Phi_{20}\ \Phi_{10}$
46146	924	1572	$\frac{5}{131}$	$\frac{21}{131}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1572}\ \Phi_{524}\ \Phi_{131}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
46147	924	1932	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{161}$
46148	924	1572	$\frac{10}{131}$	$\frac{11}{131}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1572}\ \Phi_{524}\ \Phi_{131}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
46149	924	156	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{156}^{6}\ \Phi_{78}^{7}\ \Phi_{52}^{6}\ \Phi_{39}^{7}\ \Phi_{26}^{7}\ \Phi_{13}^{6}$
46150	924	71	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{29}{71}$	$\Phi_{71}^{13}\ \Phi_{1}^{14}$
46151	924	130	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{130}^{12}\ \Phi_{26}^{12}\ \Phi_{13}^{11}\ \Phi_{10}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
46152	924	390	$\frac{1}{78}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{390}^{2}\ \Phi_{195}^{2}\ \Phi_{130}^{2}\ \Phi_{78}^{4}\ \Phi_{65}^{2}\ \Phi_{39}^{4}\ \Phi_{30}^{2}\ \Phi_{26}^{4}\ \Phi_{15}\ \Phi_{13}^{4}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
46153	924	670	$\frac{1}{67}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{670}^{2}\ \Phi_{335}\ \Phi_{134}^{2}$
46154	924	510	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{25}{102}$	$\frac{2}{5}$	$\Phi_{510}^{2}\ \Phi_{255}\ \Phi_{170}^{2}\ \Phi_{102}^{4}\ \Phi_{85}\ \Phi_{51}^{2}\ \Phi_{34}^{4}\ \Phi_{30}^{2}\ \Phi_{17}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
46155	924	560	$\frac{3}{80}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{140}^{2}\ \Phi_{112}^{2}\ \Phi_{70}^{2}\ \Phi_{56}^{2}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
46156	924	255	$\frac{2}{51}$	$\frac{7}{51}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{255}^{3}\ \Phi_{85}^{3}\ \Phi_{51}^{6}\ \Phi_{17}^{6}\ \Phi_{15}^{3}\ \Phi_{5}^{4}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
46157	924	920	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{184}^{2}\ \Phi_{92}^{2}\ \Phi_{46}^{2}$
46158	924	550	$\frac{1}{22}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{550}^{2}\ \Phi_{275}^{2}\ \Phi_{110}\ \Phi_{55}\ \Phi_{50}^{2}\ \Phi_{10}$
46159	924	405	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{405}^{2}\ \Phi_{135}^{2}\ \Phi_{81}^{4}\ \Phi_{45}\ \Phi_{27}^{4}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
46160	924	85	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{85}^{11}\ \Phi_{17}^{10}\ \Phi_{5}^{12}\ \Phi_{1}^{12}$
46161	924	765	$\frac{10}{153}$	$\frac{13}{153}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{765}\ \Phi_{255}\ \Phi_{153}^{2}\ \Phi_{85}\ \Phi_{51}^{2}\ \Phi_{45}\ \Phi_{17}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
46162	924	60	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{60}^{17}\ \Phi_{30}^{17}\ \Phi_{20}^{17}\ \Phi_{15}^{11}\ \Phi_{12}^{16}\ \Phi_{10}^{17}\ \Phi_{6}^{16}\ \Phi_{5}^{12}\ \Phi_{4}^{16}\ \Phi_{3}^{10}\ \Phi_{2}^{16}\ \Phi_{1}^{12}$
46163	924	1530	$\frac{1}{85}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1530}\ \Phi_{510}\ \Phi_{306}\ \Phi_{255}\ \Phi_{170}\ \Phi_{102}\ \Phi_{90}\ \Phi_{51}\ \Phi_{34}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
46164	924	198	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{198}^{5}\ \Phi_{99}^{5}\ \Phi_{66}^{5}\ \Phi_{33}^{5}\ \Phi_{22}^{4}\ \Phi_{18}\ \Phi_{11}^{4}\ \Phi_{9}^{4}\ \Phi_{6}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
46165	924	78	$\frac{1}{78}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{78}^{12}\ \Phi_{39}^{12}\ \Phi_{26}^{12}\ \Phi_{13}^{11}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
46166	924	204	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{204}^{5}\ \Phi_{102}^{5}\ \Phi_{68}^{5}\ \Phi_{51}^{5}\ \Phi_{34}\ \Phi_{17}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
46167	924	868	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{15}{62}$	$\frac{47}{124}$	$\Phi_{868}^{2}\ \Phi_{217}\ \Phi_{28}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
46168	924	1360	$\frac{1}{85}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1360}\ \Phi_{340}\ \Phi_{272}\ \Phi_{170}\ \Phi_{80}\ \Phi_{68}\ \Phi_{34}\ \Phi_{20}\ \Phi_{10}$
46169	924	923	$\frac{27}{923}$	$\frac{128}{923}$	$\frac{265}{923}$	$\frac{329}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_{1}^{2}$
46170	924	989	$\frac{1}{23}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	Φ_{989}
46171	924	923	$\frac{43}{923}$	$\frac{80}{923}$	$\frac{281}{923}$	$\frac{321}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_{1}^{2}$
46172	924	923	$\frac{55}{923}$	$\frac{62}{923}$	$\frac{287}{923}$	$\frac{318}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_{1}^{2}$
46173	924	1005	$\frac{4}{67}$	$\frac{1}{15}$	$\frac{21}{67}$	$\frac{23}{67}$	$\Phi_{1005}\ \Phi_{335}\ \Phi_{201}$
46174	924	117	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{37}{117}$	$\frac{40}{117}$	$\Phi_{117}^{6}\ \Phi_{39}^{12}\ \Phi_{13}^{11}\ \Phi_{9}^{6}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
46175	924	1020	$\frac{4}{85}$	$\frac{1}{12}$	$\frac{27}{85}$	$\frac{29}{85}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{102}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{34}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
46176	924	923	$\frac{38}{923}$	$\frac{87}{923}$	$\frac{295}{923}$	$\frac{314}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_{1}^{2}$
46177	924	1064	$\frac{4}{133}$	$\frac{1}{8}$	$\frac{43}{133}$	$\frac{45}{133}$	$\Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{152}\ \Phi_{76}\ \Phi_{56}\ \Phi_{38}\ \Phi_{28}\ \Phi_{14}$
46178	924	580	$\frac{1}{58}$	$\frac{1}{5}$	$\frac{19}{58}$	$\frac{39}{116}$	$\Phi_{580}^{3}\ \Phi_{290}\ \Phi_{145}\ \Phi_{20}^{3}\ \Phi_{10}$
46179	924	923	$\frac{8}{923}$	$\frac{305}{923}$	$\frac{307}{923}$	$\frac{309}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_{1}^{2}$
46180	924	1389	$\frac{4}{463}$	$\frac{153}{463}$	$\frac{1}{3}$	$\frac{155}{463}$	Φ_{1389}
46181	924	345	$\frac{1}{115}$	$\frac{38}{115}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{345}^{2}\ \Phi_{115}^{4}\ \Phi_{69}^{2}\ \Phi_{23}^{4}\ \Phi_{15}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
46182	924	156	$\frac{1}{78}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{156}^{8}\ \Phi_{78}^{4}\ \Phi_{52}^{8}\ \Phi_{39}^{4}\ \Phi_{26}^{4}\ \Phi_{13}^{4}\ \Phi_{12}^{7}\ \Phi_{6}^{3}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
46183	924	603	$\frac{1}{67}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{603}^{2}\ \Phi_{201}$
46184	924	705	$\frac{4}{235}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{705}\ \Phi_{235}^{2}\ \Phi_{141}\ \Phi_{47}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
46185	924	276	$\frac{1}{46}$	$\frac{15}{92}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{276}^{3}\ \Phi_{138}^{2}\ \Phi_{92}^{6}\ \Phi_{69}^{2}\ \Phi_{46}^{4}\ \Phi_{23}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
46186	924	345	$\frac{3}{115}$	$\frac{16}{115}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{345}^{2}\ \Phi_{115}^{4}\ \Phi_{69}^{2}\ \Phi_{23}^{4}\ \Phi_{15}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
46187	924	408	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{408}^{2}\ \Phi_{204}^{2}\ \Phi_{136}^{4}\ \Phi_{102}\ \Phi_{68}^{4}\ \Phi_{51}\ \Phi_{34}^{2}\ \Phi_{24}\ \Phi_{17}^{2}\ \Phi_{12}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
46188	924	240	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}^{3}\ \Phi_{120}^{3}\ \Phi_{80}^{6}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{40}^{6}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{20}^{6}\ \Phi_{16}^{6}\ \Phi_{15}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{8}^{6}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
46189	924	69	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{69}^{10}\ \Phi_{23}^{20}\ \Phi_{3}^{11}\ \Phi_{1}^{22}$
46190	924	132	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{132}^{8}\ \Phi_{66}^{7}\ \Phi_{44}^{8}\ \Phi_{33}^{7}\ \Phi_{22}^{6}\ \Phi_{12}^{4}\ \Phi_{11}^{6}\ \Phi_{6}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
46191	924	1836	$\frac{2}{153}$	$\frac{1}{4}$	$\frac{151}{459}$	$\frac{1}{3}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{108}\ \Phi_{54}\ \Phi_{12}\ \Phi_{6}$
46192	924	1179	$\frac{2}{131}$	$\frac{2}{9}$	$\frac{43}{131}$	$\frac{1}{3}$	$\Phi_{1179}\ \Phi_{131}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
46193	924	798	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{37}{114}$	$\frac{1}{3}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{266}^{2}\ \Phi_{133}^{2}\ \Phi_{42}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}$
46194	924	1560	$\frac{2}{65}$	$\frac{1}{8}$	$\frac{21}{65}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{156}\ \Phi_{120}\ \Phi_{78}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
46195	924	1389	$\frac{19}{463}$	$\frac{45}{463}$	$\frac{148}{463}$	$\frac{1}{3}$	Φ_{1389}
46196	924	492	$\frac{2}{41}$	$\frac{1}{12}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{492}^{2}\ \Phi_{246}^{2}\ \Phi_{164}^{2}\ \Phi_{123}\ \Phi_{82}^{2}\ \Phi_{41}^{2}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
46197	924	240	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{240}^{4}\ \Phi_{120}^{4}\ \Phi_{80}^{4}\ \Phi_{60}^{4}\ \Phi_{48}^{2}\ \Phi_{40}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{2}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{15}^{6}\ \Phi_{12}^{2}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
46198	924	1389	$\frac{29}{463}$	$\frac{31}{463}$	$\frac{144}{463}$	$\frac{1}{3}$	Φ_{1389}
46199	924	1389	$\frac{23}{463}$	$\frac{40}{463}$	$\frac{141}{463}$	$\frac{1}{3}$	Φ_{1389}
46200	924	1386	$\frac{1}{22}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{18}\ \Phi_{6}$
46201	924	690	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{690}^{2}\ \Phi_{345}^{2}\ \Phi_{138}^{2}\ \Phi_{69}^{3}$
46202	924	1389	$\frac{15}{463}$	$\frac{64}{463}$	$\frac{133}{463}$	$\frac{1}{3}$	Φ_{1389}
46203	924	645	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{645}\ \Phi_{215}^{2}\ \Phi_{129}^{2}\ \Phi_{43}^{2}$
46204	924	204	$\frac{1}{51}$	$\frac{25}{102}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^{6}\ \Phi_{102}^{2}\ \Phi_{68}^{6}\ \Phi_{51}^{4}\ \Phi_{34}^{2}\ \Phi_{17}^{4}\ \Phi_{12}^{7}\ \Phi_{6}^{3}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
46205	924	180	$\frac{1}{45}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^{7}\ \Phi_{90}^{7}\ \Phi_{60}^{7}\ \Phi_{36}^{6}\ \Phi_{30}^{7}\ \Phi_{20}^{7}\ \Phi_{18}^{6}\ \Phi_{12}^{7}\ \Phi_{10}^{7}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
46206	924	1680	$\frac{3}{80}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{21}$
46207	924	204	$\frac{2}{51}$	$\frac{7}{51}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^{6}\ \Phi_{102}^{6}\ \Phi_{68}^{6}\ \Phi_{34}^{6}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
46208	924	552	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{552}^{3}\ \Phi_{276}^{2}\ \Phi_{138}^{2}\ \Phi_{69}^{3}$
46209	924	324	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{324}^{4}\ \Phi_{162}^{4}\ \Phi_{108}^{4}\ \Phi_{54}^{4}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
46210	924	1020	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{204}\ \Phi_{102}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
46211	924	612	$\frac{10}{153}$	$\frac{13}{153}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{204}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{36}^{2}\ \Phi_{34}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
46212	924	60	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^{16}\ \Phi_{30}^{16}\ \Phi_{20}^{16}\ \Phi_{15}^{18}\ \Phi_{12}^{11}\ \Phi_{10}^{16}\ \Phi_{6}^{11}\ \Phi_{5}^{18}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
46213	924	1179	$\frac{3}{131}$	$\frac{2}{9}$	$\frac{32}{131}$	$\frac{1}{3}$	$\Phi_{1179}\ \Phi_{131}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
46214	924	1530	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{170}\ \Phi_{90}\ \Phi_{85}\ \Phi_{10}$
46215	924	1179	$\frac{5}{131}$	$\frac{21}{131}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1179}\ \Phi_{131}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
46216	924	1449	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1449}\ \Phi_{161}$
46217	924	1179	$\frac{10}{131}$	$\frac{11}{131}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1179}\ \Phi_{131}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
46218	924	468	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{156}\ \Phi_{117}^{2}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
46219	924	462	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{462}^{3}\ \Phi_{231}^{3}\ \Phi_{66}^{4}\ \Phi_{42}\ \Phi_{33}^{4}\ \Phi_{21}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
46220	924	1725	$\frac{1}{23}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1725}\ \Phi_{69}$
46221	924	840	$\frac{2}{35}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{120}\ \Phi_{84}^{2}\ \Phi_{60}\ \Phi_{42}^{2}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
46222	924	1995	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{18}{95}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{105}\ \Phi_{21}$
46223	924	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{120}^{7}\ \Phi_{60}^{7}\ \Phi_{40}^{8}\ \Phi_{30}^{7}\ \Phi_{24}^{8}\ \Phi_{20}^{8}\ \Phi_{15}^{9}\ \Phi_{12}^{8}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{10}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
46224	924	312	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{2}{13}$	$\frac{1}{3}$	$\Phi_{312}^{5}\ \Phi_{156}^{5}\ \Phi_{78}^{5}\ \Phi_{24}^{6}\ \Phi_{12}^{6}\ \Phi_{6}^{6}$
46225	924	1389	$\frac{37}{463}$	$\frac{56}{463}$	$\frac{71}{463}$	$\frac{1}{3}$	Φ_{1389}
46226	924	492	$\frac{1}{12}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{3}$	$\Phi_{492}^{2}\ \Phi_{246}^{2}\ \Phi_{164}^{2}\ \Phi_{123}\ \Phi_{82}^{2}\ \Phi_{41}^{2}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
46227	924	1389	$\frac{36}{463}$	$\frac{61}{463}$	$\frac{67}{463}$	$\frac{1}{3}$	Φ_{1389}
46228	924	1170	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{234}\ \Phi_{130}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
46229	924	798	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{798}^{2}\ \Phi_{399}^{2}\ \Phi_{42}^{2}\ \Phi_{21}^{3}$
46230	924	168	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{168}^{7}\ \Phi_{84}^{5}\ \Phi_{56}^{8}\ \Phi_{42}^{5}\ \Phi_{28}^{6}\ \Phi_{21}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{6}$
46231	924	1245	$\frac{2}{83}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{27}{83}$	$\Phi_{1245}\ \Phi_{249}\ \Phi_{83}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
46232	924	1254	$\frac{1}{38}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{37}{114}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{114}^{2}\ \Phi_{66}\ \Phi_{57}^{2}\ \Phi_{33}\ \Phi_{11}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
46233	924	1140	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{37}{114}$	$\Phi_{1140}^{2}\ \Phi_{570}\ \Phi_{285}\ \Phi_{60}^{2}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
46234	924	574	$\frac{2}{41}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{13}{41}$	$\Phi_{574}^{2}\ \Phi_{287}\ \Phi_{82}^{2}\ \Phi_{41}^{2}\ \Phi_{14}^{4}\ \Phi_{7}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
46235	924	456	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{13}{57}$	$\frac{6}{19}$	$\Phi_{456}^{3}\ \Phi_{228}^{3}\ \Phi_{152}\ \Phi_{114}^{3}\ \Phi_{76}\ \Phi_{38}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
46236	924	1575	$\frac{4}{75}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{71}{225}$	$\Phi_{1575}\ \Phi_{315}\ \Phi_{63}\ \Phi_{35}$
46237	924	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{5}{16}$	$\Phi_{144}^{6}\ \Phi_{72}^{6}\ \Phi_{48}^{6}\ \Phi_{36}^{6}\ \Phi_{24}^{6}\ \Phi_{18}^{6}\ \Phi_{16}^{8}\ \Phi_{12}^{6}\ \Phi_{9}^{9}\ \Phi_{8}^{8}\ \Phi_{6}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
46238	924	80	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{5}{16}$	$\Phi_{80}^{14}\ \Phi_{40}^{15}\ \Phi_{20}^{15}\ \Phi_{10}^{15}\ \Phi_{5}^{14}$
46239	924	71	$\frac{5}{71}$	$\frac{7}{71}$	$\frac{16}{71}$	$\frac{22}{71}$	$\Phi_{71}^{13}\ \Phi_{1}^{14}$
46240	924	1064	$\frac{10}{133}$	$\frac{1}{8}$	$\frac{23}{133}$	$\frac{41}{133}$	$\Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{152}\ \Phi_{76}\ \Phi_{56}\ \Phi_{38}\ \Phi_{28}\ \Phi_{14}$
46241	924	923	$\frac{74}{923}$	$\frac{109}{923}$	$\frac{160}{923}$	$\frac{283}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_{1}^{2}$
46242	924	1160	$\frac{19}{232}$	$\frac{23}{232}$	$\frac{1}{5}$	$\frac{71}{232}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{145}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
46243	924	504	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{19}{63}$	$\Phi_{504}^{3}\ \Phi_{252}^{3}\ \Phi_{126}^{3}\ \Phi_{72}^{3}\ \Phi_{56}\ \Phi_{36}^{3}\ \Phi_{28}\ \Phi_{18}^{3}\ \Phi_{14}$
46244	924	430	$\frac{3}{43}$	$\frac{1}{10}$	$\frac{10}{43}$	$\frac{3}{10}$	$\Phi_{430}^{2}\ \Phi_{215}^{2}\ \Phi_{86}^{2}\ \Phi_{43}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
46245	924	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{60}^{17}\ \Phi_{30}^{17}\ \Phi_{20}^{17}\ \Phi_{15}^{17}\ \Phi_{12}^{16}\ \Phi_{10}^{9}\ \Phi_{6}^{16}\ \Phi_{5}^{8}\ \Phi_{4}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
46246	924	923	$\frac{59}{923}$	$\frac{101}{923}$	$\frac{216}{923}$	$\frac{274}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_{1}^{2}$
46247	924	204	$\frac{1}{12}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{204}^{5}\ \Phi_{102}^{5}\ \Phi_{68}^{5}\ \Phi_{51}^{5}\ \Phi_{34}^{5}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
46248	924	923	$\frac{69}{923}$	$\frac{122}{923}$	$\frac{164}{923}$	$\frac{267}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_{1}^{2}$
46249	924	1160	$\frac{15}{232}$	$\frac{31}{232}$	$\frac{1}{5}$	$\frac{67}{232}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{145}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
46250	924	1404	$\frac{1}{13}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
46251	924	392	$\frac{5}{49}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{392}^{3}\ \Phi_{196}^{3}\ \Phi_{98}^{3}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
46252	924	1170	$\frac{1}{13}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}$
46253	924	213	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{12}{71}$	$\frac{59}{213}$	$\Phi_{213}^{6}\ \Phi_{71}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
46254	924	880	$\frac{3}{80}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}^{2}\ \Phi_{55}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
46255	924	1045	$\frac{1}{19}$	$\frac{2}{11}$	$\frac{18}{95}$	$\frac{3}{11}$	$\Phi_{1045}\ \Phi_{95}^{2}\ \Phi_{55}\ \Phi_{11}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
46256	924	418	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{418}^{2}\ \Phi_{209}^{2}\ \Phi_{38}^{4}\ \Phi_{22}^{2}\ \Phi_{19}^{4}\ \Phi_{11}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
46257	924	264	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{264}^{4}\ \Phi_{132}^{3}\ \Phi_{88}^{3}\ \Phi_{66}^{3}\ \Phi_{44}^{2}\ \Phi_{33}^{3}\ \Phi_{24}^{8}\ \Phi_{22}^{2}\ \Phi_{12}^{6}\ \Phi_{11}^{3}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
46258	924	1740	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{58}$
46259	924	1245	$\frac{3}{83}$	$\frac{1}{5}$	$\frac{20}{83}$	$\frac{4}{15}$	$\Phi_{1245}\ \Phi_{249}\ \Phi_{83}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
46260	924	330	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{330}^{4}\ \Phi_{165}^{4}\ \Phi_{110}\ \Phi_{66}^{4}\ \Phi_{55}\ \Phi_{33}^{4}\ \Phi_{30}^{4}\ \Phi_{10}\ \Phi_{6}^{4}$
46261	924	1245	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1245}\ \Phi_{249}\ \Phi_{83}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
46262	924	105	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{105}^{10}\ \Phi_{35}^{11}\ \Phi_{21}^{10}\ \Phi_{7}^{10}$
46263	924	1245	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1245}\ \Phi_{249}\ \Phi_{83}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
46264	924	1560	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}$
46265	924	923	$\frac{62}{923}$	$\frac{123}{923}$	$\frac{200}{923}$	$\frac{241}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_{1}^{2}$
46266	924	104	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{104}$	$\frac{27}{104}$	$\Phi_{104}^{8}\ \Phi_{52}^{8}\ \Phi_{26}^{12}\ \Phi_{13}^{11}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
46267	924	1020	$\frac{1}{12}$	$\frac{9}{85}$	$\frac{19}{85}$	$\frac{22}{85}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{102}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{34}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
46268	924	923	$\frac{75}{923}$	$\frac{98}{923}$	$\frac{212}{923}$	$\frac{237}{923}$	$\Phi_{923}\ \Phi_{71}\ \Phi_{13}\ \Phi_{1}^{2}$
46269	924	1064	$\frac{9}{133}$	$\frac{1}{8}$	$\frac{31}{133}$	$\frac{34}{133}$	$\Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{152}\ \Phi_{76}\ \Phi_{56}\ \Phi_{38}\ \Phi_{28}\ \Phi_{14}$
46270	924	412	$\frac{3}{103}$	$\frac{25}{103}$	$\frac{1}{4}$	$\frac{26}{103}$	$\Phi_{412}^{3}\ \Phi_{206}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
46271	924	80	$\frac{3}{80}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{80}^{12}\ \Phi_{40}^{12}\ \Phi_{20}^{10}\ \Phi_{16}^{12}\ \Phi_{10}^{10}\ \Phi_{8}^{12}\ \Phi_{5}^{9}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
46272	924	1520	$\frac{3}{76}$	$\frac{1}{5}$	$\frac{73}{304}$	$\frac{1}{4}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
46273	924	344	$\frac{3}{43}$	$\frac{1}{8}$	$\frac{10}{43}$	$\frac{1}{4}$	$\Phi_{344}^{3}\ \Phi_{172}^{2}\ \Phi_{86}^{2}\ \Phi_{43}^{3}\ \Phi_{8}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
46274	924	1236	$\frac{25}{309}$	$\frac{34}{309}$	$\frac{71}{309}$	$\frac{1}{4}$	$\Phi_{1236}\ \Phi_{618}\ \Phi_{412}\ \Phi_{206}\ \Phi_{12}\ \Phi_{6}$
46275	924	36	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{36}^{24}\ \Phi_{18}^{24}\ \Phi_{12}^{27}\ \Phi_{9}^{27}\ \Phi_{6}^{27}\ \Phi_{4}^{26}\ \Phi_{3}^{30}\ \Phi_{2}^{26}\ \Phi_{1}^{30}$
46276	924	1236	$\frac{22}{309}$	$\frac{41}{309}$	$\frac{67}{309}$	$\frac{1}{4}$	$\Phi_{1236}\ \Phi_{618}\ \Phi_{412}\ \Phi_{206}\ \Phi_{12}\ \Phi_{6}$
46277	924	420	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{420}^{3}\ \Phi_{210}\ \Phi_{140}^{3}\ \Phi_{105}^{2}\ \Phi_{84}^{3}\ \Phi_{70}\ \Phi_{60}^{4}\ \Phi_{42}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{21}^{2}\ \Phi_{20}^{4}\ \Phi_{15}^{2}\ \Phi_{12}^{4}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}$
46278	924	380	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{380}^{3}\ \Phi_{190}^{3}\ \Phi_{76}^{4}\ \Phi_{38}^{4}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
46279	924	380	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{380}^{4}\ \Phi_{190}^{2}\ \Phi_{95}^{2}\ \Phi_{20}^{5}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
46280	924	120	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{120}^{12}\ \Phi_{60}^{9}\ \Phi_{40}^{9}\ \Phi_{30}^{9}\ \Phi_{20}^{7}\ \Phi_{15}^{9}\ \Phi_{10}^{7}\ \Phi_{5}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
46281	924	1075	$\frac{3}{43}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{10}{43}$	$\Phi_{1075}\ \Phi_{43}\ \Phi_{25}^2\ \Phi_1^2$
46282	924	26	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{5}{26}$	$\frac{3}{13}$	$\Phi_{26}^{44}\ \Phi_{13}^{27}\ \Phi_2^{44}\ \Phi_1^{28}$
46283	924	700	$\frac{2}{25}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{23}{100}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{14}^2$
46284	924	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{2}{9}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
46285	924	1280	$\frac{25}{256}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
46286	924	574	$\frac{5}{41}$	$\frac{1}{7}$	$\frac{6}{41}$	$\frac{3}{14}$	$\Phi_{574}^2\ \Phi_{287}\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
46287	924	56	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{56}^{19}\ \Phi_{28}^{19}\ \Phi_{14}^7\ \Phi_8^{18}\ \Phi_7^{12}\ \Phi_4^{18}\ \Phi_2^6\ \Phi_1^{12}$
46288	924	152	$\frac{1}{8}$	$\frac{5}{38}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{152}^7\ \Phi_{76}^7\ \Phi_{38}^3\ \Phi_{19}^4\ \Phi_8^6\ \Phi_4^6\ \Phi_2^2\ \Phi_1^4$
46289	924	1248	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{208}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
46290	924	300	$\frac{1}{12}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^4\ \Phi_{60}\ \Phi_{50}^4\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
46291	924	40	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{5}$	$\Phi_{40}^{22}\ \Phi_{20}^{22}\ \Phi_{10}^{22}\ \Phi_8^{28}\ \Phi_5^{21}\ \Phi_4^{28}\ \Phi_2^{28}\ \Phi_1^{28}$
46292	924	175	$\frac{3}{25}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{175}^6\ \Phi_{35}^7\ \Phi_7^6$
46293	924	630	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{13}{90}$	$\frac{1}{5}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{14}^2$
46294	925	368	$\frac{1}{184}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{183}{368}$	$\Phi_{368}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
46295	925	1236	$\frac{2}{309}$	$\frac{311}{1236}$	$\frac{1}{3}$	$\frac{307}{618}$	$\Phi_{1236}\ \Phi_{412}\ \Phi_{309}\ \Phi_{103}\ \Phi_{12}\ \Phi_4\ \Phi_1$
46296	925	1584	$\frac{1}{132}$	$\frac{133}{792}$	$\frac{659}{1584}$	$\frac{131}{264}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{88}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
46297	925	1836	$\frac{7}{918}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{911}{1836}$	$\Phi_{1836}\ \Phi_{612}\ \Phi_{204}\ \Phi_{108}\ \Phi_{68}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
46298	925	366	$\frac{2}{183}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{181}{366}$	$\Phi_{366}^2\ \Phi_{183}^3\ \Phi_{122}^2\ \Phi_{61}^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
46299	925	336	$\frac{1}{84}$	$\frac{17}{168}$	$\frac{151}{336}$	$\frac{83}{168}$	$\Phi_{336}^5\ \Phi_{168}\ \Phi_{112}^5\ \Phi_{56}\ \Phi_{48}^5\ \Phi_{24}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
46300	925	1824	$\frac{13}{912}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{899}{1824}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
46301	925	1824	$\frac{13}{912}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{899}{1824}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{96}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
46302	925	744	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{63}{248}$	$\frac{61}{124}$	$\Phi_{744}^2\ \Phi_{248}\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{62}\ \Phi_{31}\ \Phi_{24}^2\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
46303	925	364	$\frac{3}{182}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{179}{364}$	$\Phi_{364}^5\ \Phi_{52}^5\ \Phi_{28}^5\ \Phi_7^2\ \Phi_4^5\ \Phi_1^3$
46304	925	352	$\frac{1}{44}$	$\frac{9}{176}$	$\frac{167}{352}$	$\frac{43}{88}$	$\Phi_{352}^5\ \Phi_{88}\ \Phi_{32}^5\ \Phi_8\ \Phi_1$
46305	925	264	$\frac{1}{44}$	$\frac{9}{88}$	$\frac{79}{264}$	$\frac{43}{88}$	$\Phi_{264}^5\ \Phi_{132}^5\ \Phi_{88}\ \Phi_{66}^5\ \Phi_{33}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
46306	925	1056	$\frac{1}{44}$	$\frac{131}{1056}$	$\frac{45}{176}$	$\frac{43}{88}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
46307	925	1116	$\frac{5}{186}$	$\frac{1}{6}$	$\frac{191}{1116}$	$\frac{181}{372}$	$\Phi_{1116}\ \Phi_{558}\ \Phi_{279}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{36}\ \Phi_{31}\ \Phi_{18}\ \Phi_9\ \Phi_1$
46308	925	144	$\frac{1}{36}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{35}{72}$	$\Phi_{144}^{12}\ \Phi_{72}\ \Phi_{48}^{13}\ \Phi_{24}\ \Phi_{16}^{13}\ \Phi_8\ \Phi_1$
46309	925	216	$\frac{1}{36}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{216}^9\ \Phi_{72}^7\ \Phi_{27}\ \Phi_{24}^7\ \Phi_9\ \Phi_8^7\ \Phi_1$
46310	925	72	$\frac{1}{36}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{35}{72}$	$\Phi_{72}^{25}\ \Phi_{36}\ \Phi_{24}^{25}\ \Phi_{18}\ \Phi_9\ \Phi_8^{25}\ \Phi_1$
46311	925	504	$\frac{1}{36}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{504}^4\ \Phi_{168}^4\ \Phi_{72}\ \Phi_{56}^4\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
46312	925	288	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{35}{72}$	$\Phi_{288}^4\ \Phi_{144}^4\ \Phi_{96}^4\ \Phi_{72}\ \Phi_{48}^4\ \Phi_{32}^5\ \Phi_{24}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
46313	925	72	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{35}{72}$	$\Phi_{72}^{25}\ \Phi_{24}^{25}\ \Phi_8^{25}\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
46314	925	1792	$\frac{29}{896}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{867}{1792}$	$\Phi_{1792}\ \Phi_{256}\ \Phi_{56}\ \Phi_8\ \Phi_1$
46315	925	1792	$\frac{29}{896}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{867}{1792}$	$\Phi_{1792}\ \Phi_{256}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
46316	925	1248	$\frac{11}{312}$	$\frac{1}{12}$	$\frac{323}{1248}$	$\frac{301}{624}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{32}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_8\ \Phi_1$
46317	925	1344	$\frac{1}{28}$	$\frac{29}{448}$	$\frac{419}{1344}$	$\frac{27}{56}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
46318	925	1008	$\frac{1}{28}$	$\frac{83}{1008}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}$ $\Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
46319	925	224	$\frac{1}{28}$	$\frac{29}{224}$	$\frac{39}{224}$	$\frac{27}{56}$	$\Phi_{224}^{4}\ \Phi_{112}^{4}\ \Phi_{56}^{5}\ \Phi_{32}^{4}\ \Phi_{28}^{4}\ \Phi_{16}^{4}\ \Phi_{14}^{4}\ \Phi_{8}^{5}\ \Phi_{7}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
46320	925	624	$\frac{1}{24}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{624}^{3}\ \Phi_{208}^{3}\ \Phi_{48}\ \Phi_{39}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
46321	925	432	$\frac{1}{24}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{23}{48}$	$\Phi_{432}^{6}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
46322	925	240	$\frac{1}{24}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{240}^{8}\ \Phi_{80}^{8}\ \Phi_{48}^{5}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}^{5}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
46323	925	48	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{23}{48}$	$\Phi_{48}^{14}\ \Phi_{24}^{25}\ \Phi_{16}^{14}\ \Phi_{12}^{24}\ \Phi_{8}^{25}\ \Phi_{6}^{24}\ \Phi_{4}^{24}\ \Phi_{3}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
46324	925	720	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{23}{48}$	$\Phi_{720}^{3}\ \Phi_{240}^{3}\ \Phi_{80}^{3}\ \Phi_{48}\ \Phi_{45}\ \Phi_{16}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
46325	925	336	$\frac{1}{24}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{23}{48}$	$\Phi_{336}^{6}\ \Phi_{112}^{6}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
46326	925	1064	$\frac{6}{133}$	$\frac{139}{1064}$	$\frac{1}{7}$	$\frac{127}{266}$	$\Phi_{1064}\ \Phi_{532}\ \Phi_{152}\ \Phi_{133}\ \Phi_{76}\ \Phi_{56}\ \Phi_{28}\ \Phi_{19}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
46327	925	1764	$\frac{1}{21}$	$\frac{43}{882}$	$\frac{20}{63}$	$\frac{839}{1764}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{252}\ \Phi_{196}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
46328	925	1764	$\frac{43}{882}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{839}{1764}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{252}\ \Phi_{196}\ \Phi_{84}\ \Phi_{49}\ \Phi_{36}\ \Phi_{28}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
46329	925	352	$\frac{9}{176}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{167}{352}$	$\Phi_{352}^{5}\ \Phi_{32}^{5}\ \Phi_{11}^{4}\ \Phi_{1}^{5}$
46330	925	1122	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{197}{1122}$	$\frac{177}{374}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{187}\ \Phi_{102}\ \Phi_{66}\ \Phi_{51}\ \Phi_{33}\ \Phi_{17}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
46331	925	140	$\frac{2}{35}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{33}{70}$	$\Phi_{140}^{7}\ \Phi_{70}^{4}\ \Phi_{35}^{7}\ \Phi_{28}^{9}\ \Phi_{20}^{7}\ \Phi_{14}^{6}\ \Phi_{10}^{4}\ \Phi_{7}^{8}\ \Phi_{5}^{7}\ \Phi_{4}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
46332	925	252	$\frac{1}{21}$	$\frac{4}{63}$	$\frac{67}{252}$	$\frac{59}{126}$	$\Phi_{252}^{5}\ \Phi_{84}^{5}\ \Phi_{63}^{5}\ \Phi_{36}^{5}\ \Phi_{28}^{5}\ \Phi_{21}^{4}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{7}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
46333	925	1728	$\frac{61}{864}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{803}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
46334	925	1368	$\frac{13}{456}$	$\frac{1}{12}$	$\frac{443}{1368}$	$\frac{11}{24}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
46335	925	192	$\frac{7}{192}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{192}^{5}\ \Phi_{96}^{5}\ \Phi_{64}^{5}\ \Phi_{48}^{4}\ \Phi_{32}^{5}\ \Phi_{24}^{5}\ \Phi_{16}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
46336	925	192	$\frac{7}{192}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{192}^{5}\ \Phi_{96}^{5}\ \Phi_{64}^{4}\ \Phi_{48}^{5}\ \Phi_{32}^{5}\ \Phi_{24}^{5}\ \Phi_{16}^{5}\ \Phi_{12}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
46337	925	336	$\frac{1}{21}$	$\frac{17}{168}$	$\frac{4}{21}$	$\frac{151}{336}$	$\Phi_{336}^{5}\ \Phi_{112}^{5}\ \Phi_{48}^{5}\ \Phi_{21}^{4}\ \Phi_{16}^{5}\ \Phi_{7}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
46338	925	1134	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{209}{1134}$	$\frac{169}{378}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{189}\ \Phi_{162}\ \Phi_{81}\ \Phi_{63}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
46339	925	196	$\frac{11}{196}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{196}^{5}\ \Phi_{98}^{4}\ \Phi_{49}^{5}\ \Phi_{28}^{5}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
46340	925	44	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{7}{44}$	$\frac{19}{44}$	$\Phi_{44}^{18}\ \Phi_{22}^{24}\ \Phi_{11}^{24}\ \Phi_{4}^{18}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
46341	925	1624	$\frac{3}{116}$	$\frac{113}{812}$	$\frac{1}{4}$	$\frac{699}{1624}$	$\Phi_{1624}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{56}\ \Phi_{29}\ \Phi_{8}\ \Phi_{1}$
46342	925	189	$\frac{4}{189}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{189}^{5}\ \Phi_{63}^{5}\ \Phi_{27}^{5}\ \Phi_{21}^{5}\ \Phi_{9}^{5}\ \Phi_{7}^{2}\ \Phi_{3}^{5}\ \Phi_{1}^{3}$
46343	925	1008	$\frac{83}{1008}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{144}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}$ $\Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
46344	925	1596	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{127}{798}$	$\frac{671}{1596}$	$\Phi_{1596}\ \Phi_{532}\ \Phi_{228}\ \Phi_{133}\ \Phi_{84}\ \Phi_{76}\ \Phi_{28}\ \Phi_{19}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
46345	925	192	$\frac{7}{192}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{192}^{5}\ \Phi_{96}^{5}\ \Phi_{64}^{5}\ \Phi_{48}^{5}\ \Phi_{32}^{5}\ \Phi_{24}^{5}\ \Phi_{16}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
46346	925	1584	$\frac{1}{66}$	$\frac{133}{792}$	$\frac{65}{198}$	$\frac{659}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{48}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
46347	925	198	$\frac{13}{198}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{198}^{5}\ \Phi_{99}^{5}\ \Phi_{66}^{5}\ \Phi_{33}^{5}\ \Phi_{18}^{5}\ \Phi_{11}^{4}\ \Phi_{9}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
46348	925	312	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{29}{156}$	$\frac{127}{312}$	$\Phi_{312}^{5}\ \Phi_{156}\ \Phi_{104}^{5}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}^{5}\ \Phi_{13}\ \Phi_{8}^{5}\ \Phi_{1}$
46349	925	42	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{4}{21}$	$\frac{17}{42}$	$\Phi_{42}^{20}\ \Phi_{21}^{24}\ \Phi_{14}^{20}\ \Phi_{7}^{24}\ \Phi_{6}^{20}\ \Phi_{3}^{24}\ \Phi_{2}^{20}\ \Phi_{1}^{25}$
46350	925	186	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{6}{31}$	$\frac{25}{62}$	$\Phi_{186}^{6}\ \Phi_{93}^{6}\ \Phi_{62}\ \Phi_{31}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
46351	925	231	$\frac{2}{77}$	$\frac{15}{77}$	$\frac{46}{231}$	$\frac{31}{77}$	$\Phi_{231}^{5}\ \Phi_{77}^{2}\ \Phi_{33}^{5}\ \Phi_{21}^{5}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{5}\ \Phi_{1}^{3}$
46352	925	264	$\frac{1}{66}$	$\frac{13}{66}$	$\frac{79}{264}$	$\frac{53}{132}$	$\Phi_{264}^{5}\ \Phi_{88}^{5}\ \Phi_{66}^{4}\ \Phi_{33}^{4}\ \Phi_{24}^{5}\ \Phi_{22}^{4}\ \Phi_{11}^{4}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
46353	925	308	$\frac{2}{77}$	$\frac{15}{77}$	$\frac{31}{154}$	$\frac{123}{308}$	$\Phi_{308}^{5}\ \Phi_{77}^{2}\ \Phi_{44}^{5}\ \Phi_{28}^{5}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{5}\ \Phi_{1}^{3}$
46354	925	936	$\frac{11}{936}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}$ $\Phi_{36}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
46355	925	1512	$\frac{1}{84}$	$\frac{169}{756}$	$\frac{83}{252}$	$\frac{587}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}\ \Phi_{168}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
46356	925	1512	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{169}{756}$	$\frac{587}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{27}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
46357	925	1496	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{177}{748}$	$\frac{571}{1496}$	$\Phi_{1496}\ \Phi_{187}\ \Phi_{136}\ \Phi_{88}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
46358	925	1488	$\frac{5}{186}$	$\frac{1}{6}$	$\frac{181}{744}$	$\frac{563}{1488}$	$\Phi_{1488}\ \Phi_{496}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{48}\ \Phi_{31}\ \Phi_{16}\ \Phi_{1}$
46359	925	1344	$\frac{1}{84}$	$\frac{83}{336}$	$\frac{419}{1344}$	$\frac{253}{672}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
46360	925	552	$\frac{1}{92}$	$\frac{1}{4}$	$\frac{91}{276}$	$\frac{3}{8}$	$\Phi_{552}^{4}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{24}^{4}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
46361	925	376	$\frac{3}{188}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{376}^{4}\ \Phi_{188}\ \Phi_{94}\ \Phi_{47}\ \Phi_{8}\ \Phi_{1}$
46362	925	184	$\frac{1}{46}$	$\frac{9}{46}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{184}^{8}\ \Phi_{46}^{4}\ \Phi_{23}^{4}\ \Phi_{8}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
46363	925	456	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{456}^{4}\ \Phi_{152}^{2}\ \Phi_{114}^{2}\ \Phi_{57}^{2}\ \Phi_{38}\ \Phi_{24}^{2}\ \Phi_{19}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
46364	925	1104	$\frac{5}{184}$	$\frac{179}{1104}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
46365	925	192	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{192}^{5}\ \Phi_{96}^{5}\ \Phi_{64}^{5}\ \Phi_{48}^{5}\ \Phi_{32}^{5}\ \Phi_{24}^{5}\ \Phi_{16}^{5}\ \Phi_{12}^{5}\ \Phi_{8}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}$
46366	925	1656	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{207}\ \Phi_{72}\ \Phi_{69}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
46367	925	1008	$\frac{1}{21}$	$\frac{83}{1008}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
46368	925	1188	$\frac{1}{66}$	$\frac{263}{1188}$	$\frac{65}{198}$	$\frac{133}{396}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{108}\ \Phi_{99}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
46369	925	1392	$\frac{3}{232}$	$\frac{1}{4}$	$\frac{229}{696}$	$\frac{467}{1392}$	$\Phi_{1392}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{48}\ \Phi_{29}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
46370	925	351	$\frac{2}{39}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{351}^{3}\ \Phi_{117}^{3}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
46371	925	1377	$\frac{7}{459}$	$\frac{2}{9}$	$\frac{452}{1377}$	$\frac{1}{3}$	$\Phi_{1377}\ \Phi_{81}\ \Phi_{9}\ \Phi_{1}$
46372	925	54	$\frac{1}{18}$	$\frac{2}{27}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{54}^{16}\ \Phi_{27}^{17}\ \Phi_{18}^{18}\ \Phi_{9}^{19}\ \Phi_{6}^{18}\ \Phi_{3}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
46373	925	468	$\frac{2}{39}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{117}^{3}\ \Phi_{39}\ \Phi_{36}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
46374	925	189	$\frac{4}{189}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{189}^{5}\ \Phi_{63}^{5}\ \Phi_{27}^{4}\ \Phi_{21}^{5}\ \Phi_{9}^{5}\ \Phi_{7}^{5}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
46375	925	1092	$\frac{2}{39}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{91}\ \Phi_{39}\ \Phi_{28}\ \Phi_{14}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}$
46376	925	1080	$\frac{2}{27}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{27}\ \Phi_{20}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
46377	925	1224	$\frac{7}{306}$	$\frac{2}{9}$	$\frac{299}{1224}$	$\frac{1}{3}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
46378	925	432	$\frac{2}{27}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{432}^{3}\ \Phi_{216}^{3}\ \Phi_{144}^{3}\ \Phi_{72}^{3}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
46379	925	1071	$\frac{7}{153}$	$\frac{146}{1071}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{119}\ \Phi_{63}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
46380	925	972	$\frac{47}{972}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
46381	925	1248	$\frac{2}{39}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{208}\ \Phi_{39}\ \Phi_{32}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
46382	925	135	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{135}^{9}\ \Phi_{45}^{7}\ \Phi_{27}\ \Phi_{15}^{7}\ \Phi_{9}\ \Phi_{5}^{7}\ \Phi_{1}$
46383	925	78	$\frac{2}{39}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{78}^{12}\ \Phi_{39}^{13}\ \Phi_{26}^{12}\ \Phi_{13}^{13}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
46384	925	378	$\frac{2}{27}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{378}^{3}\ \Phi_{189}^{3}\ \Phi_{126}^{3}\ \Phi_{63}^{3}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
46385	925	273	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{88}{273}$	$\Phi_{273}^{5}\ \Phi_{39}^{5}\ \Phi_{21}^{5}\ \Phi_{7}^{2}\ \Phi_{3}^{5}\ \Phi_{1}^{3}$
46386	925	1197	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{272}{1197}$	$\frac{127}{399}$	$\Phi_{1197}\ \Phi_{171}\ \Phi_{133}\ \Phi_{63}\ \Phi_{19}\ \Phi_{9}\ \Phi_{1}$
46387	925	1323	$\frac{1}{21}$	$\frac{43}{441}$	$\frac{398}{1323}$	$\frac{20}{63}$	$\Phi_{1323}\ \Phi_{189}\ \Phi_{63}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
46388	925	108	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{17}{54}$	$\Phi_{108}^{12}\ \Phi_{54}^{13}\ \Phi_{36}\ \Phi_{27}^{13}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
46389	925	756	$\frac{1}{18}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{756}^{2}\ \Phi_{378}^{2}\ \Phi_{189}^{2}\ \Phi_{54}\ \Phi_{28}\ \Phi_{27}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
46390	925	864	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{17}{54}$	$\Phi_{864}^{2}\ \Phi_{432}^{2}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
46391	925	54	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{17}{54}$	$\Phi_{54}^{25}\ \Phi_{27}^{25}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
46392	925	1344	$\frac{29}{448}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{419}{1344}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
46393	925	360	$\frac{3}{40}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{90}^{4}\ \Phi_{72}^{4}\ \Phi_{45}^{4}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
46394	925	144	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{11}{36}$	$\Phi_{144}^{12}\ \Phi_{72}^{12}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
46395	925	180	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{11}{36}$	$\Phi_{180}^{6}\ \Phi_{90}^{6}\ \Phi_{60}^{6}\ \Phi_{45}^{7}\ \Phi_{36}\ \Phi_{30}^{6}\ \Phi_{20}^{6}\ \Phi_{18}\ \Phi_{15}^{7}\ \Phi_{10}^{6}\ \Phi_{9}\ \Phi_{5}^{7}\ \Phi_{1}$
46396	925	252	$\frac{1}{12}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{11}{36}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{63}^{6}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
46397	925	216	$\frac{1}{12}$	$\frac{5}{36}$	$\frac{31}{216}$	$\frac{11}{36}$	$\Phi_{216}^{5}\ \Phi_{108}^{5}\ \Phi_{72}^{5}\ \Phi_{54}^{5}\ \Phi_{36}\ \Phi_{27}^{5}\ \Phi_{24}^{5}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}^{5}\ \Phi_{1}$
46398	925	1323	$\frac{43}{441}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{398}{1323}$	$\Phi_{1323}\ \Phi_{189}\ \Phi_{49}\ \Phi_{27}\ \Phi_{1}$
46399	925	264	$\frac{1}{11}$	$\frac{9}{88}$	$\frac{2}{11}$	$\frac{79}{264}$	$\Phi_{264}^{5}\ \Phi_{132}^{5}\ \Phi_{66}^{5}\ \Phi_{33}^{5}\ \Phi_{24}^{5}\ \Phi_{12}^{5}\ \Phi_{11}^{4}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
46400	925	1029	$\frac{104}{1029}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{147}$	$\Phi_{1029}\ \Phi_{343}\ \Phi_{49}\ \Phi_{1}$
46401	925	1296	$\frac{1}{12}$	$\frac{61}{432}$	$\frac{11}{72}$	$\frac{371}{1296}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
46402	925	196	$\frac{11}{196}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{196}^{5}\ \Phi_{98}^{5}\ \Phi_{49}^{5}\ \Phi_{28}^{5}\ \Phi_{7}^{2}\ \Phi_{4}^{5}\ \Phi_{1}^{3}$
46403	925	91	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{17}{91}$	$\frac{2}{7}$	$\Phi_{91}^{10}\ \Phi_{13}^{10}\ \Phi_{7}^{12}\ \Phi_{1}^{13}$
46404	925	84	$\frac{3}{28}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{84}^{14}\ \Phi_{42}^{11}\ \Phi_{28}^{9}\ \Phi_{21}^{11}\ \Phi_{14}^{6}\ \Phi_{12}^{14}\ \Phi_{7}^{8}\ \Phi_{6}^{11}\ \Phi_{4}^{9}\ \Phi_{3}^{11}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
46405	925	216	$\frac{1}{12}$	$\frac{31}{216}$	$\frac{11}{72}$	$\frac{61}{216}$	$\Phi_{216}^{4}\ \Phi_{108}^{4}\ \Phi_{72}^{5}\ \Phi_{54}^{4}\ \Phi_{36}^{5}\ \Phi_{27}^{4}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{12}^{4}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
46406	925	198	$\frac{13}{198}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{198}^{5}\ \Phi_{99}^{5}\ \Phi_{66}^{5}\ \Phi_{33}^{5}\ \Phi_{22}^{5}\ \Phi_{11}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
46407	925	192	$\frac{7}{192}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{192}^{5}\ \Phi_{96}^{5}\ \Phi_{64}^{5}\ \Phi_{48}^{4}\ \Phi_{32}^{5}\ \Phi_{24}^{4}\ \Phi_{16}^{5}\ \Phi_{12}^{4}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
46408	925	252	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{17}{84}$	$\frac{67}{252}$	$\Phi_{252}^{5}\ \Phi_{126}^{5}\ \Phi_{63}^{5}\ \Phi_{36}^{5}\ \Phi_{21}^{4}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{7}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
46409	925	280	$\frac{3}{40}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{280}^{4}\ \Phi_{140}^{4}\ \Phi_{70}^{4}\ \Phi_{56}^{4}\ \Phi_{40}\ \Phi_{35}^{4}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
46410	925	1216	$\frac{13}{304}$	$\frac{3}{16}$	$\frac{291}{1216}$	$\frac{1}{4}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
46411	925	336	$\frac{1}{12}$	$\frac{3}{28}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{112}^{4}\ \Phi_{56}^{4}\ \Phi_{48}\ \Phi_{28}\ \Phi_{24}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
46412	925	1024	$\frac{3}{32}$	$\frac{99}{1024}$	$\frac{29}{128}$	$\frac{1}{4}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
46413	925	160	$\frac{3}{40}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{160}^{8}\ \Phi_{80}^{8}\ \Phi_{40}\ \Phi_{32}^{5}\ \Phi_{20}\ \Phi_{16}^{5}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
46414	925	1260	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{45}\ \Phi_{35}\ \Phi_{28}\ \Phi_{15}\ \Phi_{14}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
46415	925	224	$\frac{3}{32}$	$\frac{29}{224}$	$\frac{39}{224}$	$\frac{1}{4}$	$\Phi_{224}^{4}\ \Phi_{112}^{4}\ \Phi_{56}^{4}\ \Phi_{32}^{5}\ \Phi_{28}^{4}\ \Phi_{16}^{5}\ \Phi_{14}^{4}\ \Phi_{8}^{5}\ \Phi_{7}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
46416	925	120	$\frac{3}{40}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{120}^{8}\ \Phi_{60}^{8}\ \Phi_{40}^{9}\ \Phi_{30}^{8}\ \Phi_{24}^{8}\ \Phi_{20}^{9}\ \Phi_{15}^{8}\ \Phi_{10}^{9}\ \Phi_{8}^{9}\ \Phi_{6}^{4}\ \Phi_{5}^{9}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
46417	925	84	$\frac{3}{28}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{84}^{10}\ \Phi_{42}^{11}\ \Phi_{28}^{11}\ \Phi_{21}^{11}\ \Phi_{14}^{12}\ \Phi_{12}^{12}\ \Phi_{7}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
46418	925	96	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{11}{48}$	$\Phi_{96}^{12}\ \Phi_{48}^{5}\ \Phi_{32}^{13}\ \Phi_{24}^{9}\ \Phi_{16}^{6}\ \Phi_{12}^{8}\ \Phi_{8}^{9}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
46419	925	48	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{11}{48}$	$\Phi_{48}^{25}\ \Phi_{24}^{25}\ \Phi_{16}^{25}\ \Phi_{8}^{25}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
46420	925	1440	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{45}$	$\frac{7}{32}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{80}\ \Phi_{45}\ \Phi_{32}\ \Phi_{16}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
46421	925	672	$\frac{5}{42}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{32}$	$\Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{224}^{2}\ \Phi_{112}^{2}\ \Phi_{42}\ \Phi_{32}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
46422	925	1176	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{294}$	$\frac{251}{1176}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{196}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{49}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
46423	925	1152	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{227}{1152}$	$\frac{61}{288}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
46424	925	140	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{140}$	$\Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{35}^{7}\ \Phi_{28}^{8}\ \Phi_{20}^{6}\ \Phi_{14}^{8}\ \Phi_{10}^{6}\ \Phi_{7}^{8}\ \Phi_{5}^{7}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
46425	925	44	$\frac{1}{11}$	$\frac{7}{44}$	$\frac{2}{11}$	$\frac{9}{44}$	$\Phi_{44}^{20}\ \Phi_{22}^{20}\ \Phi_{11}^{24}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{25}$
46426	925	90	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{8}{45}$	$\Phi_{90}^{12}\ \Phi_{45}^{13}\ \Phi_{30}^{12}\ \Phi_{15}^{13}\ \Phi_{10}^{12}\ \Phi_{6}^{4}\ \Phi_{5}^{13}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
46427	925	42	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{42}^{25}\ \Phi_{21}^{25}\ \Phi_{14}^{25}\ \Phi_{7}^{25}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
46428	925	216	$\frac{5}{36}$	$\frac{31}{216}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{216}^5\ \Phi_{108}^5\ \Phi_{72}^5\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_{24}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
46429	926	740	$\frac{1}{185}$	$\frac{93}{370}$	$\frac{277}{740}$	$\frac{92}{185}$	$\Phi_{740}^2\ \Phi_{185}\ \Phi_{148}^2\ \Phi_{37}\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
46430	926	920	$\frac{3}{460}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{457}{920}$	$\Phi_{920}^2\ \Phi_{184}^2\ \Phi_{40}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
46431	926	2760	$\frac{3}{460}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{457}{920}$	$\Phi_{2760}\ \Phi_{552}\ \Phi_{120}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
46432	926	915	$\frac{11}{915}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{452}{915}$	$\Phi_{915}\ \Phi_{305}\ \Phi_{183}\ \Phi_{61}\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
46433	926	620	$\frac{2}{155}$	$\frac{1}{5}$	$\frac{157}{620}$	$\frac{153}{310}$	$\Phi_{620}^2\ \Phi_{155}^2\ \Phi_{124}^2\ \Phi_{31}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
46434	926	912	$\frac{7}{456}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{449}{912}$	$\Phi_{912}^2\ \Phi_{304}^2\ \Phi_{48}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
46435	926	888	$\frac{1}{37}$	$\frac{19}{444}$	$\frac{425}{888}$	$\frac{18}{37}$	$\Phi_{888}^2\ \Phi_{296}^2\ \Phi_{37}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
46436	926	666	$\frac{1}{37}$	$\frac{19}{222}$	$\frac{203}{666}$	$\frac{18}{37}$	$\Phi_{666}^2\ \Phi_{333}^2\ \Phi_{37}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
46437	926	518	$\frac{1}{37}$	$\frac{55}{518}$	$\frac{19}{74}$	$\frac{18}{37}$	$\Phi_{518}^2\ \Phi_{259}^2\ \Phi_{37}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
46438	926	592	$\frac{1}{37}$	$\frac{19}{148}$	$\frac{129}{592}$	$\frac{18}{37}$	$\Phi_{592}^2\ \Phi_{296}^2\ \Phi_{37}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
46439	926	555	$\frac{1}{37}$	$\frac{92}{555}$	$\frac{19}{111}$	$\frac{18}{37}$	$\Phi_{555}^2\ \Phi_{185}^2\ \Phi_{37}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
46440	926	900	$\frac{13}{450}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{437}{900}$	$\Phi_{900}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
46441	926	900	$\frac{13}{450}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{437}{900}$	$\Phi_{900}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
46442	926	2688	$\frac{15}{448}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{433}{896}$	$\Phi_{2688}\ \Phi_{384}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
46443	926	675	$\frac{1}{25}$	$\frac{13}{225}$	$\frac{212}{675}$	$\frac{12}{25}$	$\Phi_{675}^2\ \Phi_{135}^2\ \Phi_{27}^2\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
46444	926	500	$\frac{1}{25}$	$\frac{37}{500}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{500}^2\ \Phi_{250}^2\ \Phi_{125}^2\ \Phi_{100}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
46445	926	600	$\frac{1}{25}$	$\frac{13}{150}$	$\frac{137}{600}$	$\frac{12}{25}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
46446	926	525	$\frac{1}{25}$	$\frac{62}{525}$	$\frac{13}{75}$	$\frac{12}{25}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{25}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
46447	926	480	$\frac{17}{480}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46448	926	870	$\frac{1}{29}$	$\frac{28}{435}$	$\frac{1}{3}$	$\frac{407}{870}$	$\Phi_{870}^2\ \Phi_{290}^2\ \Phi_{174}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
46449	926	480	$\frac{17}{480}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
46450	926	2436	$\frac{1}{58}$	$\frac{57}{406}$	$\frac{1}{3}$	$\frac{349}{812}$	$\Phi_{2436}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{84}\ \Phi_{12}\ \Phi_6$
46451	926	775	$\frac{4}{155}$	$\frac{151}{775}$	$\frac{1}{5}$	$\frac{312}{775}$	$\Phi_{775}\ \Phi_{155}^2\ \Phi_{31}^2\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
46452	926	690	$\frac{3}{230}$	$\frac{1}{5}$	$\frac{227}{690}$	$\frac{2}{5}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
46453	926	470	$\frac{7}{470}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{470}^2\ \Phi_{235}^2\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_5\ \Phi_1^2$
46454	926	575	$\frac{3}{115}$	$\frac{112}{575}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{575}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
46455	926	480	$\frac{17}{480}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
46456	926	696	$\frac{1}{116}$	$\frac{115}{348}$	$\frac{1}{3}$	$\frac{233}{696}$	$\Phi_{696}^2\ \Phi_{348}\ \Phi_{232}^2\ \Phi_{174}\ \Phi_{87}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_6$
46457	926	522	$\frac{1}{29}$	$\frac{59}{522}$	$\frac{28}{87}$	$\frac{1}{3}$	$\Phi_{522}^2\ \Phi_{261}^2\ \Phi_{174}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_2^2$
46458	926	672	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{209}{672}$	$\frac{1}{3}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}^2\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46459	926	480	$\frac{17}{480}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
46460	926	552	$\frac{3}{92}$	$\frac{89}{552}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{552}^2\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{24}^2\ \Phi_{23}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46461	926	480	$\frac{17}{480}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46462	926	1824	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{145}{608}$	$\frac{1}{3}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
46463	926	1536	$\frac{1}{16}$	$\frac{49}{512}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{384}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
46464	926	1740	$\frac{1}{29}$	$\frac{28}{145}$	$\frac{117}{580}$	$\frac{1}{3}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}\ \Phi_6$
46465	926	1680	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{97}{560}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{240}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
46466	926	675	$\frac{13}{225}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{212}{675}$	$\Phi_{675}^2\ \Phi_{135}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
46467	926	495	$\frac{32}{495}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
46468	926	600	$\frac{13}{150}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{137}{600}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
46469	926	525	$\frac{62}{525}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{5}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
46470	926	540	$\frac{2}{15}$	$\frac{77}{540}$	$\frac{13}{90}$	$\frac{1}{5}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
46471	927	816	$\frac{1}{102}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{101}{204}$	$\Phi_{816}^2\ \Phi_{272}^2\ \Phi_{204}\ \Phi_{68}\ \Phi_{48}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
46472	927	204	$\frac{1}{102}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{101}{204}$	$\Phi_{204}^5\ \Phi_{102}^4\ \Phi_{68}^5\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
46473	927	1220	$\frac{4}{305}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{301}{610}$	$\Phi_{1220}\ \Phi_{305}\ \Phi_{244}\ \Phi_{61}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
46474	927	124	$\frac{1}{62}$	$\frac{21}{124}$	$\frac{1}{4}$	$\frac{61}{124}$	$\Phi_{124}^8\ \Phi_{62}^7\ \Phi_{31}^7\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
46475	927	200	$\frac{3}{100}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{97}{200}$	$\Phi_{200}^9\ \Phi_{40}^9\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8^9\ \Phi_5\ \Phi_4\ \Phi_1$
46476	927	960	$\frac{7}{96}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{89}{192}$	$\Phi_{960}^2\ \Phi_{320}^2\ \Phi_{192}\ \Phi_{64}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
46477	927	320	$\frac{11}{320}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
46478	927	372	$\frac{1}{31}$	$\frac{10}{93}$	$\frac{1}{4}$	$\frac{83}{186}$	$\Phi_{372}^3\ \Phi_{124}^4\ \Phi_{93}^3\ \Phi_{62}\ \Phi_{31}^3\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
46479	927	1680	$\frac{2}{105}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{35}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_1$
46480	927	2448	$\frac{1}{51}$	$\frac{1}{8}$	$\frac{50}{153}$	$\frac{7}{16}$	$\Phi_{2448}\ \Phi_{153}\ \Phi_{144}\ \Phi_{16}\ \Phi_9\ \Phi_1$
46481	927	272	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{33}{136}$	$\frac{7}{16}$	$\Phi_{272}^6\ \Phi_{136}\ \Phi_{68}\ \Phi_{16}^7\ \Phi_8\ \Phi_4\ \Phi_1$
46482	927	432	$\frac{5}{108}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{432}^4\ \Phi_{144}^4\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
46483	927	1904	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{16}{119}$	$\frac{7}{16}$	$\Phi_{1904}\ \Phi_{119}\ \Phi_{112}\ \Phi_{16}\ \Phi_7\ \Phi_1$
46484	927	560	$\frac{9}{112}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}\ \Phi_{70}^2\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
46485	927	910	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{12}{91}$	$\frac{79}{182}$	$\Phi_{910}\ \Phi_{455}\ \Phi_{130}^2\ \Phi_{91}\ \Phi_{70}\ \Phi_{65}^2\ \Phi_{35}\ \Phi_{26}\ \Phi_{13}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
46486	927	496	$\frac{1}{62}$	$\frac{61}{248}$	$\frac{1}{4}$	$\frac{187}{496}$	$\Phi_{496}^3\ \Phi_{124}^2\ \Phi_{62}\ \Phi_{31}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
46487	927	780	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{25}{78}$	$\frac{53}{156}$	$\Phi_{780}^2\ \Phi_{260}^2\ \Phi_{156}\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
46488	927	463	$\frac{4}{463}$	$\frac{153}{463}$	$\frac{154}{463}$	$\frac{155}{463}$	$\Phi_{463}^2\ \Phi_1^3$
46489	927	420	$\frac{2}{105}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^3\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
46490	927	612	$\frac{1}{51}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{50}{153}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{153}^3\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
46491	927	124	$\frac{1}{31}$	$\frac{21}{124}$	$\frac{1}{4}$	$\frac{10}{31}$	$\Phi_{124}^7\ \Phi_{62}^7\ \Phi_{31}^9\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
46492	927	300	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{47}{150}$	$\Phi_{300}^6\ \Phi_{150}^3\ \Phi_{75}^3\ \Phi_{60}^6\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^6\ \Phi_{10}\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
46493	927	220	$\frac{7}{110}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{220}^6\ \Phi_{110}^3\ \Phi_{55}^3\ \Phi_{44}^6\ \Phi_{22}^3\ \Phi_{20}^2\ \Phi_{11}^3\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
46494	927	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{7}{24}$	$\Phi_{120}^7\ \Phi_{60}^7\ \Phi_{40}^9\ \Phi_{30}^7\ \Phi_{24}^8\ \Phi_{20}^9\ \Phi_{15}^7\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_8^9\ \Phi_6^8\ \Phi_5^8\ \Phi_4^9\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
46495	927	720	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{144}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{180}^2\ \Phi_{144}\ \Phi_{90}^2\ \Phi_{72}\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
46496	927	136	$\frac{1}{34}$	$\frac{33}{136}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{136}^9\ \Phi_{68}^5\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_8^9\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
46497	927	108	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{108}^{9}\ \Phi_{54}^{9}\ \Phi_{36}^{9}\ \Phi_{27}^{9}\ \Phi_{18}^{9}\ \Phi_{12}^{5}\ \Phi_{9}^{9}\ \Phi_{6}^{4}\ \Phi_{4}^{7}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
46498	927	476	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{476}^{2}\ \Phi_{238}^{2}\ \Phi_{119}^{3}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
46499	927	400	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{400}$	$\frac{1}{4}$	$\Phi_{400}^{3}\ \Phi_{200}^{3}\ \Phi_{80}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
46500	927	700	$\frac{1}{10}$	$\frac{41}{350}$	$\frac{9}{50}$	$\frac{1}{4}$	$\Phi_{700}^{2}\ \Phi_{350}\ \Phi_{175}\ \Phi_{140}^{2}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
46501	927	120	$\frac{1}{10}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{120}^{9}\ \Phi_{60}^{9}\ \Phi_{40}^{9}\ \Phi_{30}^{9}\ \Phi_{24}^{9}\ \Phi_{20}^{2}\ \Phi_{15}^{9}\ \Phi_{12}^{9}\ \Phi_{10}\ \Phi_{8}^{9}\ \Phi_{6}^{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^{9}\ \Phi_{1}$
46502	927	640	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{25}{128}$	$\frac{7}{32}$	$\Phi_{640}^{2}\ \Phi_{320}^{2}\ \Phi_{128}\ \Phi_{64}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
46503	928	231	$\frac{1}{231}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{115}{231}$	$\Phi_{231}^{4}\ \Phi_{77}^{4}\ \Phi_{33}^{4}\ \Phi_{21}^{4}\ \Phi_{11}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
46504	928	927	$\frac{5}{927}$	$\frac{233}{927}$	$\frac{347}{927}$	$\frac{461}{927}$	$\Phi_{927}\ \Phi_{309}\ \Phi_{103}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
46505	928	465	$\frac{1}{155}$	$\frac{39}{155}$	$\frac{1}{3}$	$\frac{77}{155}$	$\Phi_{465}^{3}\ \Phi_{93}^{3}\ \Phi_{15}^{3}\ \Phi_{3}^{2}$
46506	928	805	$\frac{1}{115}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{57}{115}$	$\Phi_{805}\ \Phi_{161}\ \Phi_{115}^{2}\ \Phi_{35}\ \Phi_{23}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
46507	928	345	$\frac{1}{115}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{57}{115}$	$\Phi_{345}^{4}\ \Phi_{69}^{4}\ \Phi_{15}^{5}\ \Phi_{3}^{4}$
46508	928	103	$\frac{1}{103}$	$\frac{13}{103}$	$\frac{45}{103}$	$\frac{51}{103}$	$\Phi_{103}^{9}\ \Phi_{1}^{10}$
46509	928	309	$\frac{1}{103}$	$\frac{77}{309}$	$\frac{26}{103}$	$\frac{51}{103}$	$\Phi_{309}^{4}\ \Phi_{103}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
46510	928	279	$\frac{1}{93}$	$\frac{47}{279}$	$\frac{1}{3}$	$\frac{46}{93}$	$\Phi_{279}^{4}\ \Phi_{93}^{2}\ \Phi_{31}^{2}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
46511	928	459	$\frac{5}{459}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{227}{459}$	$\Phi_{459}^{2}\ \Phi_{153}^{2}\ \Phi_{51}^{2}\ \Phi_{27}^{2}\ \Phi_{17}^{2}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
46512	928	1165	$\frac{3}{233}$	$\frac{1}{5}$	$\frac{59}{233}$	$\frac{115}{233}$	Φ_{1165}
46513	928	927	$\frac{13}{927}$	$\frac{173}{927}$	$\frac{235}{927}$	$\frac{457}{927}$	$\Phi_{927}\ \Phi_{309}\ \Phi_{103}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
46514	928	915	$\frac{13}{915}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{451}{915}$	$\Phi_{915}\ \Phi_{305}\ \Phi_{183}\ \Phi_{61}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
46515	928	465	$\frac{7}{465}$	$\frac{59}{465}$	$\frac{1}{3}$	$\frac{229}{465}$	$\Phi_{465}^{2}\ \Phi_{155}^{2}\ \Phi_{93}^{2}\ \Phi_{31}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
46516	928	285	$\frac{1}{57}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{28}{57}$	$\Phi_{285}^{3}\ \Phi_{95}^{3}\ \Phi_{57}^{4}\ \Phi_{19}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
46517	928	171	$\frac{1}{57}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{28}{57}$	$\Phi_{171}^{6}\ \Phi_{57}^{4}\ \Phi_{19}^{4}\ \Phi_{9}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
46518	928	285	$\frac{1}{57}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{28}{57}$	$\Phi_{285}^{3}\ \Phi_{95}^{3}\ \Phi_{57}^{4}\ \Phi_{19}^{4}\ \Phi_{15}^{3}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
46519	928	927	$\frac{17}{927}$	$\frac{59}{927}$	$\frac{434}{927}$	$\frac{455}{927}$	$\Phi_{927}\ \Phi_{309}\ \Phi_{103}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
46520	928	117	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{10}{39}$	$\frac{19}{39}$	$\Phi_{117}^{9}\ \Phi_{39}^{6}\ \Phi_{13}^{6}\ \Phi_{9}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
46521	928	927	$\frac{25}{927}$	$\frac{119}{927}$	$\frac{202}{927}$	$\frac{451}{927}$	$\Phi_{927}\ \Phi_{309}\ \Phi_{103}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
46522	928	1165	$\frac{7}{233}$	$\frac{30}{233}$	$\frac{1}{5}$	$\frac{113}{233}$	Φ_{1165}
46523	928	225	$\frac{7}{225}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{109}{225}$	$\Phi_{225}^{4}\ \Phi_{75}^{4}\ \Phi_{45}^{4}\ \Phi_{25}^{4}\ \Phi_{15}^{6}\ \Phi_{9}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
46524	928	225	$\frac{7}{225}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{109}{225}$	$\Phi_{225}^{4}\ \Phi_{75}^{4}\ \Phi_{45}^{4}\ \Phi_{25}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{7}\ \Phi_{5}^{4}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
46525	928	927	$\frac{29}{927}$	$\frac{86}{927}$	$\frac{239}{927}$	$\frac{449}{927}$	$\Phi_{927}\ \Phi_{309}\ \Phi_{103}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
46526	928	1736	$\frac{1}{31}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{15}{31}$	$\Phi_{1736}\ \Phi_{248}\ \Phi_{56}^{2}\ \Phi_{31}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
46527	928	93	$\frac{1}{31}$	$\frac{2}{31}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{93}^{15}\ \Phi_{3}^{14}$
46528	928	1302	$\frac{1}{31}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{15}{31}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{186}\ \Phi_{93}\ \Phi_{42}^{2}\ \Phi_{31}\ \Phi_{21}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
46529	928	992	$\frac{1}{31}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{992}\ \Phi_{496}\ \Phi_{248}\ \Phi_{32}^{2}\ \Phi_{31}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
46530	928	1085	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{15}{31}$	$\Phi_{1085}\ \Phi_{155}\ \Phi_{35}^{2}\ \Phi_{31}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
46531	928	2856	$\frac{1}{28}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{2856}\ \Phi_{408}\ \Phi_{51}$
46532	928	1736	$\frac{1}{28}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{27}{56}$	$\Phi_{1736}\ \Phi_{248}\ \Phi_{56}^{2}\ \Phi_{31}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
46533	928	2520	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{27}{56}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{360}\ \Phi_{120}\ \Phi_{45}\ \Phi_{15}$
46534	928	30	$\frac{1}{30}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{30}^{32}\ \Phi_{15}^{30}\ \Phi_{10}^{32}\ \Phi_{6}^{32}\ \Phi_{5}^{30}\ \Phi_{3}^{29}\ \Phi_{2}^{32}\ \Phi_{1}^{30}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
46535	928	570	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{9}{38}$	$\frac{7}{15}$	$\Phi_{570}^2\ \Phi_{285}\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}\ \Phi_{57}\ \Phi_{38}^4\ \Phi_{30}^2\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
46536	928	651	$\frac{1}{31}$	$\frac{15}{217}$	$\frac{1}{3}$	$\frac{101}{217}$	$\Phi_{651}^2\ \Phi_{93}^3\ \Phi_{21}^2\ \Phi_3^2$
46537	928	594	$\frac{1}{33}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{594}^3\ \Phi_{198}^3\ \Phi_{66}^3\ \Phi_{54}^2\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46538	928	54	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{25}{54}$	$\Phi_{54}^{32}\ \Phi_{18}^{32}\ \Phi_9^7\ \Phi_6^{32}\ \Phi_3^7\ \Phi_2^{32}\ \Phi_1^8$
46539	928	585	$\frac{1}{13}$	$\frac{7}{65}$	$\frac{1}{9}$	$\frac{6}{13}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{117}\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{15}^2$
46540	928	330	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{330}^3\ \Phi_{165}^3\ \Phi_{110}^3\ \Phi_{66}^3\ \Phi_{55}^3\ \Phi_{33}^3\ \Phi_{30}^2\ \Phi_{22}^3\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_2^2$
46541	928	1320	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{55}\ \Phi_{30}\ \Phi_{24}\ \Phi_{22}\ \Phi_{15}\ \Phi_6$
46542	928	837	$\frac{2}{93}$	$\frac{91}{837}$	$\frac{1}{3}$	$\frac{373}{837}$	$\Phi_{837}\ \Phi_{279}\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
46543	928	153	$\frac{5}{153}$	$\frac{1}{9}$	$\frac{37}{153}$	$\frac{4}{9}$	$\Phi_{153}^6\ \Phi_{51}^6\ \Phi_{17}^6\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
46544	928	243	$\frac{11}{243}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{243}^4\ \Phi_{81}^4\ \Phi_{27}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
46545	928	63	$\frac{5}{63}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{63}^{16}\ \Phi_{21}^{16}\ \Phi_9^7\ \Phi_7^{16}\ \Phi_3^7\ \Phi_1^8$
46546	928	468	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{3}{26}$	$\frac{23}{52}$	$\Phi_{468}^4\ \Phi_{156}^4\ \Phi_{117}\ \Phi_{39}\ \Phi_{36}^4\ \Phi_{12}^4$
46547	928	927	$\frac{23}{927}$	$\frac{113}{927}$	$\frac{260}{927}$	$\frac{407}{927}$	$\Phi_{927}\ \Phi_{309}\ \Phi_{103}\ \Phi_9\ \Phi_3\ \Phi_1^2$
46548	928	465	$\frac{3}{155}$	$\frac{19}{155}$	$\frac{1}{3}$	$\frac{68}{155}$	$\Phi_{465}^3\ \Phi_{93}^3\ \Phi_{15}^3\ \Phi_3^2$
46549	928	103	$\frac{3}{103}$	$\frac{13}{103}$	$\frac{25}{103}$	$\frac{45}{103}$	$\Phi_{103}^9\ \Phi_1^{10}$
46550	928	103	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{13}{103}$	$\frac{45}{103}$	$\Phi_{103}^9\ \Phi_1^{10}$
46551	928	819	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{109}{819}$	$\frac{355}{819}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{117}^2\ \Phi_{91}\ \Phi_{63}\ \Phi_{39}^2\ \Phi_{21}\ \Phi_{13}^2\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
46552	928	1239	$\frac{1}{59}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1239}\ \Phi_{177}^2$
46553	928	805	$\frac{3}{115}$	$\frac{1}{7}$	$\frac{28}{115}$	$\frac{3}{7}$	$\Phi_{805}\ \Phi_{161}\ \Phi_{115}^2\ \Phi_{35}\ \Phi_{23}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
46554	928	210	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^3\ \Phi_{30}^8\ \Phi_{21}^4\ \Phi_{15}^8\ \Phi_{14}^4\ \Phi_{10}^8\ \Phi_7^4\ \Phi_6^8\ \Phi_5^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
46555	928	483	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{11}{69}$	$\frac{3}{7}$	$\Phi_{483}^2\ \Phi_{161}\ \Phi_{69}^4\ \Phi_{23}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^4\ \Phi_1^4$
46556	928	1650	$\frac{1}{33}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1650}\ \Phi_{550}\ \Phi_{330}\ \Phi_{165}\ \Phi_{150}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_6$
46557	928	396	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{99}^3\ \Phi_{66}^3\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46558	928	1003	$\frac{1}{59}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	Φ_{1003}
46559	928	927	$\frac{19}{927}$	$\frac{175}{927}$	$\frac{227}{927}$	$\frac{376}{927}$	$\Phi_{927}\ \Phi_{309}\ \Phi_{103}\ \Phi_9\ \Phi_3\ \Phi_1^2$
46560	928	705	$\frac{3}{235}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{705}^2\ \Phi_{141}^2\ \Phi_{15}$
46561	928	528	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{528}^3\ \Phi_{176}^3\ \Phi_{66}^3\ \Phi_{48}^2\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46562	928	330	$\frac{1}{30}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{330}^3\ \Phi_{165}^3\ \Phi_{110}^3\ \Phi_{66}^3\ \Phi_{55}^3\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^3\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46563	928	103	$\frac{3}{103}$	$\frac{16}{103}$	$\frac{25}{103}$	$\frac{39}{103}$	$\Phi_{103}^9\ \Phi_1^{10}$
46564	928	1165	$\frac{5}{233}$	$\frac{1}{5}$	$\frac{57}{233}$	$\frac{88}{233}$	Φ_{1165}
46565	928	927	$\frac{11}{927}$	$\frac{229}{927}$	$\frac{289}{927}$	$\frac{349}{927}$	$\Phi_{927}\ \Phi_{309}\ \Phi_{103}\ \Phi_9\ \Phi_3\ \Phi_1^2$
46566	928	93	$\frac{1}{93}$	$\frac{23}{93}$	$\frac{1}{3}$	$\frac{35}{93}$	$\Phi_{93}^{10}\ \Phi_{31}^{10}\ \Phi_3^9\ \Phi_1^{10}$
46567	928	351	$\frac{4}{117}$	$\frac{1}{9}$	$\frac{113}{351}$	$\frac{119}{351}$	$\Phi_{351}^2\ \Phi_{117}^4\ \Phi_{39}^4\ \Phi_{27}^2\ \Phi_{13}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
46568	928	117	$\frac{1}{117}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{117}^8\ \Phi_{39}^8\ \Phi_{13}^8\ \Phi_9^8\ \Phi_3^5\ \Phi_1^6$
46569	928	693	$\frac{2}{231}$	$\frac{229}{693}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{99}^2\ \Phi_{63}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
46570	928	231	$\frac{1}{77}$	$\frac{19}{77}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}^3\ \Phi_{77}^6\ \Phi_{33}^3\ \Phi_{21}^3\ \Phi_{11}^6\ \Phi_7^6\ \Phi_3^4\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
46571	928	885	$\frac{1}{59}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{885}\ \Phi_{295}^2$
46572	928	357	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{357}^2\ \Phi_{119}^4\ \Phi_{51}^2\ \Phi_{21}\ \Phi_{17}^4\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
46573	928	33	$\frac{1}{33}$	$\frac{4}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{33}^{28}\ \Phi_{11}^{28}\ \Phi_3^{29}\ \Phi_1^{30}$
46574	928	90	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{90}^{12}\ \Phi_{45}^{12}\ \Phi_{30}^8\ \Phi_{18}^{12}\ \Phi_{15}^8\ \Phi_{10}^8\ \Phi_9^8\ \Phi_6^8\ \Phi_5^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
46575	928	483	$\frac{19}{483}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{483}^2\ \Phi_{161}^2\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_3\ \Phi_1^2$
46576	928	363	$\frac{5}{121}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{363}^2\ \Phi_{121}^4\ \Phi_{33}\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
46577	928	63	$\frac{1}{21}$	$\frac{5}{63}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{63}^{16}\ \Phi_{21}^{12}\ \Phi_9^{16}\ \Phi_7^{12}\ \Phi_3^{13}\ \Phi_1^{14}$
46578	928	495	$\frac{2}{33}$	$\frac{31}{495}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
46579	928	345	$\frac{2}{115}$	$\frac{1}{5}$	$\frac{113}{345}$	$\frac{1}{3}$	$\Phi_{345}^2\ \Phi_{115}^4\ \Phi_{69}^2\ \Phi_{23}^4\ \Phi_{15}^3\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
46580	928	279	$\frac{2}{93}$	$\frac{47}{279}$	$\frac{91}{279}$	$\frac{1}{3}$	$\Phi_{279}^3\ \Phi_{93}^4\ \Phi_{31}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
46581	928	171	$\frac{2}{57}$	$\frac{1}{9}$	$\frac{55}{171}$	$\frac{1}{3}$	$\Phi_{171}^5\ \Phi_{57}^6\ \Phi_{19}^6\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
46582	928	675	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{211}{675}$	$\frac{1}{3}$	$\Phi_{675}^2\ \Phi_{135}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
46583	928	495	$\frac{31}{495}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
46584	928	714	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{714}\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{102}\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2$
46585	928	90	$\frac{1}{30}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{90}^{15}\ \Phi_{45}^{14}\ \Phi_{30}^2\ \Phi_{18}^{15}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^{14}\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46586	928	651	$\frac{1}{31}$	$\frac{30}{217}$	$\frac{187}{651}$	$\frac{1}{3}$	$\Phi_{651}\ \Phi_{217}^2\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
46587	928	1632	$\frac{1}{17}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{408}\ \Phi_{51}$
46588	928	345	$\frac{3}{115}$	$\frac{1}{5}$	$\frac{28}{115}$	$\frac{1}{3}$	$\Phi_{345}^4\ \Phi_{69}^4\ \Phi_{15}^5\ \Phi_3^4$
46589	928	465	$\frac{13}{465}$	$\frac{88}{465}$	$\frac{113}{465}$	$\frac{1}{3}$	$\Phi_{465}^2\ \Phi_{155}^2\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
46590	928	342	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{9}{38}$	$\frac{1}{3}$	$\Phi_{342}^4\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{57}\ \Phi_{38}^4\ \Phi_{19}^2\ \Phi_{18}^4\ \Phi_9^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
46591	928	75	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{17}{75}$	$\frac{1}{3}$	$\Phi_{75}^{12}\ \Phi_{25}^{12}\ \Phi_{15}^{14}\ \Phi_5^{14}\ \Phi_3^{13}\ \Phi_1^{14}$
46592	928	93	$\frac{2}{31}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{93}^{15}\ \Phi_3^{14}$
46593	928	396	$\frac{1}{33}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46594	928	30	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{30}^{32}\ \Phi_{15}^{29}\ \Phi_{10}^{32}\ \Phi_6^{32}\ \Phi_5^{32}\ \Phi_3^{28}\ \Phi_2^{32}\ \Phi_1^{32}$
46595	928	1725	$\frac{4}{115}$	$\frac{111}{575}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1725}\ \Phi_{75}\ \Phi_{15}$
46596	928	345	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{345}^3\ \Phi_{115}^4\ \Phi_{15}^4\ \Phi_5^4$
46597	928	525	$\frac{1}{15}$	$\frac{61}{525}$	$\frac{14}{75}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
46598	928	1785	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{255}\ \Phi_{51}$
46599	928	135	$\frac{1}{15}$	$\frac{19}{135}$	$\frac{7}{45}$	$\frac{1}{3}$	$\Phi_{135}^8\ \Phi_{45}^4\ \Phi_{27}^8\ \Phi_{15}^6\ \Phi_9^4\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
46600	928	1302	$\frac{1}{14}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{13}{42}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{186}\ \Phi_{93}\ \Phi_{42}^2\ \Phi_{31}\ \Phi_{21}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
46601	928	630	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{45}^3\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
46602	928	135	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{19}{135}$	$\frac{8}{27}$	$\Phi_{135}^8\ \Phi_{45}^8\ \Phi_{15}^8\ \Phi_9^7\ \Phi_5^8\ \Phi_3^7\ \Phi_1^8$
46603	928	81	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{81}$	$\Phi_{81}^{16}\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
46604	928	117	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{3}{13}$	$\frac{10}{39}$	$\Phi_{117}^9\ \Phi_{39}^5\ \Phi_{13}^8\ \Phi_9^8\ \Phi_3^4\ \Phi_1^8$
46605	928	309	$\frac{3}{103}$	$\frac{25}{103}$	$\frac{77}{309}$	$\frac{26}{103}$	$\Phi_{309}^4\ \Phi_{103}\ \Phi_3^4\ \Phi_1^2$
46606	928	992	$\frac{3}{32}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{4}$	$\Phi_{992}\ \Phi_{496}\ \Phi_{248}\ \Phi_{32}^2\ \Phi_{31}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
46607	928	1440	$\frac{3}{32}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{120}\ \Phi_{45}\ \Phi_{15}$
46608	928	190	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{9}{38}$	$\Phi_{190}^6\ \Phi_{95}^3\ \Phi_{38}^8\ \Phi_{19}^4\ \Phi_{10}^6\ \Phi_5^6\ \Phi_2^8\ \Phi_1^8$
46609	928	1085	$\frac{3}{31}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{7}{31}$	$\Phi_{1085}\ \Phi_{155}\ \Phi_{35}^2\ \Phi_{31}\ \Phi_5^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
46610	928	36	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{7}{36}$	$\frac{2}{9}$	$\Phi_{36}^{32}\ \Phi_{18}^{32}\ \Phi_{12}^{32}\ \Phi_{9}^{7}\ \Phi_{6}^{32}\ \Phi_{4}^{32}\ \Phi_{3}^{7}\ \Phi_{2}^{32}\ \Phi_{1}^{8}$
46611	928	135	$\frac{1}{9}$	$\frac{19}{135}$	$\frac{7}{45}$	$\frac{2}{9}$	$\Phi_{135}^{8}\ \Phi_{45}^{4}\ \Phi_{27}^{8}\ \Phi_{15}^{4}\ \Phi_{9}^{7}\ \Phi_{5}^{4}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
46612	928	315	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{315}^{3}\ \Phi_{105}^{3}\ \Phi_{63}^{4}\ \Phi_{45}^{4}\ \Phi_{21}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{4}$
46613	929	1824	$\frac{17}{912}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{895}{1824}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
46614	929	1248	$\frac{7}{312}$	$\frac{1}{8}$	$\frac{319}{1248}$	$\frac{305}{624}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{32}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
46615	929	1792	$\frac{1}{32}$	$\frac{33}{896}$	$\frac{863}{1792}$	$\frac{31}{64}$	$\Phi_{1792}\ \Phi_{256}\ \Phi_{64}\ \Phi_{1}$
46616	929	1344	$\frac{1}{32}$	$\frac{33}{448}$	$\frac{415}{1344}$	$\frac{31}{64}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
46617	929	1024	$\frac{1}{32}$	$\frac{95}{1024}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_{64}\ \Phi_{1}$
46618	929	1040	$\frac{7}{104}$	$\frac{111}{1040}$	$\frac{1}{8}$	$\frac{97}{208}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{104}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
46619	929	1740	$\frac{1}{29}$	$\frac{59}{870}$	$\frac{28}{87}$	$\frac{811}{1740}$	$\Phi_{1740}\ \Phi_{580}\ \Phi_{348}\ \Phi_{116}\ \Phi_{87}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
46620	929	1728	$\frac{1}{32}$	$\frac{65}{864}$	$\frac{31}{96}$	$\frac{799}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
46621	929	1728	$\frac{65}{864}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{799}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
46622	929	1276	$\frac{1}{29}$	$\frac{28}{319}$	$\frac{347}{1276}$	$\frac{291}{638}$	$\Phi_{1276}\ \Phi_{319}\ \Phi_{116}\ \Phi_{44}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
46623	929	1280	$\frac{1}{32}$	$\frac{31}{320}$	$\frac{351}{1280}$	$\frac{289}{640}$	$\Phi_{1280}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
46624	929	1008	$\frac{79}{1008}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{144}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
46625	929	1664	$\frac{7}{104}$	$\frac{97}{832}$	$\frac{1}{8}$	$\frac{735}{1664}$	$\Phi_{1664}\ \Phi_{128}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
46626	929	1600	$\frac{1}{32}$	$\frac{129}{800}$	$\frac{31}{160}$	$\frac{671}{1600}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
46627	929	1152	$\frac{1}{32}$	$\frac{31}{192}$	$\frac{223}{1152}$	$\frac{161}{384}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
46628	929	1536	$\frac{1}{32}$	$\frac{31}{192}$	$\frac{161}{768}$	$\frac{607}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
46629	929	960	$\frac{31}{960}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
46630	929	1044	$\frac{1}{29}$	$\frac{115}{1044}$	$\frac{28}{87}$	$\frac{59}{174}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{348}\ \Phi_{261}\ \Phi_{116}\ \Phi_{87}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
46631	929	1392	$\frac{1}{116}$	$\frac{115}{348}$	$\frac{463}{1392}$	$\frac{233}{696}$	$\Phi_{1392}\ \Phi_{464}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
46632	929	1152	$\frac{1}{32}$	$\frac{223}{1152}$	$\frac{65}{288}$	$\frac{31}{96}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
46633	929	1305	$\frac{1}{29}$	$\frac{59}{435}$	$\frac{376}{1305}$	$\frac{28}{87}$	$\Phi_{1305}\ \Phi_{261}\ \Phi_{87}\ \Phi_{45}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
46634	929	1368	$\frac{17}{456}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{439}{1368}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
46635	929	1080	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{151}{1080}$	$\frac{65}{216}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
46636	929	1296	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{432}$	$\frac{367}{1296}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
46637	929	1248	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{97}{416}$	$\frac{319}{1248}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
46638	929	1152	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{223}{1152}$	$\frac{65}{288}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
46639	930	1480	$\frac{1}{185}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{92}{185}$	$\Phi_{1480}\ \Phi_{296}\ \Phi_{185}\ \Phi_{40}\ \Phi_{37}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
46640	930	1540	$\frac{1}{154}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{153}{308}$	$\Phi_{1540}\ \Phi_{308}^{2}\ \Phi_{220}\ \Phi_{140}\ \Phi_{44}^{2}\ \Phi_{28}^{2}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
46641	930	924	$\frac{1}{154}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{153}{308}$	$\Phi_{924}\ \Phi_{462}^{2}\ \Phi_{231}^{2}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}^{2}\ \Phi_{42}^{2}\ \Phi_{33}^{2}\ \Phi_{21}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
46642	930	1656	$\frac{1}{92}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{91}{184}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{184}^{2}\ \Phi_{72}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
46643	930	552	$\frac{1}{92}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{91}{184}$	$\Phi_{552}^{3}\ \Phi_{184}^{4}\ \Phi_{24}^{3}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
46644	930	2142	$\frac{2}{153}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{151}{306}$	$\Phi_{2142}\ \Phi_{714}\ \Phi_{238}\ \Phi_{126}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
46645	930	1708	$\frac{1}{61}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{30}{61}$	$\Phi_{1708}\ \Phi_{244}\ \Phi_{61}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
46646	930	427	$\frac{1}{61}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{30}{61}$	$\Phi_{427}^2\ \Phi_{61}^3\ \Phi_7^4\ \Phi_1^6$
46647	930	732	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{30}{61}$	$\Phi_{732}^2\ \Phi_{366}\ \Phi_{244}\ \Phi_{183}\ \Phi_{61}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
46648	930	1456	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{53}{208}$	$\frac{51}{104}$	$\Phi_{1456}\ \Phi_{364}\ \Phi_{182}\ \Phi_{112}\ \Phi_{91}\ \Phi_{28}\ \Phi_{14}$
46649	930	2128	$\frac{3}{152}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{149}{304}$	$\Phi_{2128}\ \Phi_{112}\ \Phi_{28}\ \Phi_{14}$
46650	930	929	$\frac{21}{929}$	$\frac{95}{929}$	$\frac{278}{929}$	$\frac{454}{929}$	$\Phi_{929}\ \Phi_1^2$
46651	930	1122	$\frac{5}{187}$	$\frac{1}{6}$	$\frac{32}{187}$	$\frac{91}{187}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{374}\ \Phi_{102}\ \Phi_{66}\ \Phi_{51}\ \Phi_{34}\ \Phi_{33}\ \Phi_{22}$
46652	930	929	$\frac{25}{929}$	$\frac{154}{929}$	$\frac{159}{929}$	$\frac{452}{929}$	$\Phi_{929}\ \Phi_1^2$
46653	930	1244	$\frac{9}{311}$	$\frac{32}{311}$	$\frac{1}{4}$	$\frac{151}{311}$	$\Phi_{1244}\ \Phi_{622}$
46654	930	1740	$\frac{1}{30}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{29}{60}$	$\Phi_{1740}\ \Phi_{580}\ \Phi_{348}\ \Phi_{116}\ \Phi_{60}^2\ \Phi_{29}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
46655	930	240	$\frac{1}{30}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^2\ \Phi_{48}^5\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^5\ \Phi_{20}^2\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^5\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
46656	930	1740	$\frac{1}{30}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{29}{60}$	$\Phi_{1740}\ \Phi_{580}\ \Phi_{348}\ \Phi_{116}\ \Phi_{60}^2\ \Phi_{29}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
46657	930	660	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{660}\ \Phi_{330}^2\ \Phi_{220}\ \Phi_{165}^2\ \Phi_{132}\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{11}^2$
46658	930	1740	$\frac{1}{30}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{29}{60}$	$\Phi_{1740}\ \Phi_{580}\ \Phi_{348}\ \Phi_{116}\ \Phi_{60}^2\ \Phi_{29}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
46659	930	420	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{29}{60}$	$\Phi_{420}^5\ \Phi_{140}^5\ \Phi_{84}^5\ \Phi_{42}\ \Phi_{28}^5\ \Phi_{21}\ \Phi_{14}$
46660	930	957	$\frac{1}{29}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{957}\ \Phi_{319}\ \Phi_{33}^2\ \Phi_{29}\ \Phi_{11}^2\ \Phi_1^2$
46661	930	1305	$\frac{1}{29}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{14}{29}$	$\Phi_{1305}\ \Phi_{261}\ \Phi_{45}^2\ \Phi_{29}\ \Phi_9^2\ \Phi_1^2$
46662	930	1160	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{14}{29}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{232}\ \Phi_{116}\ \Phi_{40}^2\ \Phi_{29}\ \Phi_{20}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
46663	930	1015	$\frac{1}{29}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{14}{29}$	$\Phi_{1015}\ \Phi_{203}\ \Phi_{35}^2\ \Phi_{29}\ \Phi_7^2\ \Phi_1^2$
46664	930	1044	$\frac{1}{29}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{14}{29}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{348}\ \Phi_{261}\ \Phi_{116}\ \Phi_{36}^2\ \Phi_{29}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_4^2\ \Phi_1^2$
46665	930	336	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{42}\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}\ \Phi_{12}^3\ \Phi_8^2\ \Phi_7^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
46666	930	528	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{83}{176}$	$\Phi_{528}^4\ \Phi_{176}^2\ \Phi_{66}\ \Phi_{48}^4\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}^2$
46667	930	102	$\frac{1}{17}$	$\frac{3}{34}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{102}^{11}\ \Phi_{51}^{11}\ \Phi_{34}^5\ \Phi_{17}^6\ \Phi_6^{10}\ \Phi_3^{10}\ \Phi_2^4\ \Phi_1^6$
46668	930	672	$\frac{1}{32}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{96}^3\ \Phi_{84}\ \Phi_{48}^3\ \Phi_{42}^2\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
46669	930	2016	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{133}{288}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{224}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
46670	930	168	$\frac{13}{168}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{168}^5\ \Phi_{84}^6\ \Phi_{56}^5\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
46671	930	2002	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{7}$	$\frac{131}{286}$	$\Phi_{2002}\ \Phi_{182}\ \Phi_{154}\ \Phi_{91}\ \Phi_{14}$
46672	930	66	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{66}^{17}\ \Phi_{33}^{11}\ \Phi_{22}^{17}\ \Phi_{11}^{12}\ \Phi_6^{16}\ \Phi_3^{10}\ \Phi_2^{16}\ \Phi_1^{12}$
46673	930	510	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{1}{6}$	$\frac{77}{170}$	$\Phi_{510}^2\ \Phi_{255}^2\ \Phi_{102}^3\ \Phi_{85}^2\ \Phi_{51}^3\ \Phi_{34}\ \Phi_{30}^2\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
46674	930	1736	$\frac{1}{31}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{1736}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}$
46675	930	112	$\frac{1}{16}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{112}^9\ \Phi_{56}^7\ \Phi_{28}^9\ \Phi_{16}^8\ \Phi_{14}^9\ \Phi_8^6\ \Phi_7^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^8$
46676	930	414	$\frac{1}{46}$	$\frac{1}{9}$	$\frac{15}{46}$	$\frac{4}{9}$	$\Phi_{414}^2\ \Phi_{207}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
46677	930	288	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^2\ \Phi_{32}^6\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{16}^6\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
46678	930	1035	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{22}{115}$	$\frac{4}{9}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{115}^2\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
46679	930	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{144}^7\ \Phi_{72}^7\ \Phi_{48}^7\ \Phi_{36}^5\ \Phi_{24}^7\ \Phi_{18}^5\ \Phi_{16}^6\ \Phi_{12}^5\ \Phi_9^6\ \Phi_8^6\ \Phi_6^5\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
46680	930	929	$\frac{17}{929}$	$\frac{125}{929}$	$\frac{304}{929}$	$\frac{402}{929}$	$\Phi_{929}\ \Phi_1^2$
46681	930	560	$\frac{1}{16}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}^2$
46682	930	432	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^3\ \Phi_{108}^2\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
46683	930	992	$\frac{1}{32}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{992}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}$
46684	930	364	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{5}{26}$	$\frac{21}{52}$	$\Phi_{364}^5\ \Phi_{182}\ \Phi_{91}\ \Phi_{28}^5\ \Phi_{14}$
46685	930	929	$\frac{24}{929}$	$\frac{181}{929}$	$\frac{185}{929}$	$\frac{374}{929}$	$\Phi_{929}\ \Phi_1^2$
46686	930	1244	$\frac{6}{311}$	$\frac{61}{311}$	$\frac{1}{4}$	$\frac{125}{311}$	$\Phi_{1244}\ \Phi_{622}$
46687	930	1155	$\frac{1}{77}$	$\frac{1}{5}$	$\frac{76}{231}$	$\frac{2}{5}$	$\Phi_{1155}\ \Phi_{231}^2\ \Phi_{165}\ \Phi_{105}\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
46688	930	385	$\frac{2}{77}$	$\frac{15}{77}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{385}^2\ \Phi_{77}^4\ \Phi_{55}^2\ \Phi_{35}^2\ \Phi_{11}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_1^6$
46689	930	480	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}\ \Phi_{120}^2\ \Phi_{96}^4\ \Phi_{80}\ \Phi_{60}^2\ \Phi_{48}^4\ \Phi_{40}\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
46690	930	805	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{805}\ \Phi_{161}^2\ \Phi_{115}\ \Phi_{23}^2\ \Phi_5\ \Phi_1^2$
46691	930	880	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{80}\ \Phi_{44}^2\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
46692	930	165	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{165}^5\ \Phi_{55}^4\ \Phi_{33}^{10}\ \Phi_{15}^5\ \Phi_{11}^8\ \Phi_5^5\ \Phi_3^{10}\ \Phi_1^{10}$
46693	930	840	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
46694	930	1128	$\frac{1}{94}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1128}^2\ \Phi_{282}\ \Phi_{141}\ \Phi_{24}\ \Phi_6$
46695	930	1480	$\frac{2}{185}$	$\frac{1}{4}$	$\frac{61}{185}$	$\frac{3}{8}$	$\Phi_{1480}\ \Phi_{296}\ \Phi_{185}\ \Phi_{40}\ \Phi_{37}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
46696	930	504	$\frac{1}{63}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^3\ \Phi_{252}\ \Phi_{168}^3\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}^3\ \Phi_{56}^3\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
46697	930	760	$\frac{2}{95}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{760}^2\ \Phi_{152}^2\ \Phi_{95}^2\ \Phi_{40}\ \Phi_{19}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
46698	930	296	$\frac{1}{37}$	$\frac{6}{37}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{296}^5\ \Phi_{37}^5\ \Phi_8^6\ \Phi_1^6$
46699	930	224	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{224}^5\ \Phi_{112}^5\ \Phi_{56}^4\ \Phi_{28}^5\ \Phi_{14}^5\ \Phi_7^4$
46700	930	929	$\frac{19}{929}$	$\frac{182}{929}$	$\frac{249}{929}$	$\frac{340}{929}$	$\Phi_{929}\ \Phi_1^2$
46701	930	992	$\frac{1}{32}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{992}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}$
46702	930	1488	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1488}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}$
46703	930	929	$\frac{26}{929}$	$\frac{123}{929}$	$\frac{301}{929}$	$\frac{314}{929}$	$\Phi_{929}\ \Phi_1^2$
46704	930	1638	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{38}{117}$	$\frac{79}{234}$	$\Phi_{1638}\ \Phi_{546}\ \Phi_{273}\ \Phi_{182}\ \Phi_{126}\ \Phi_{91}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
46705	930	1122	$\frac{4}{187}$	$\frac{1}{6}$	$\frac{61}{187}$	$\frac{63}{187}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{374}\ \Phi_{102}\ \Phi_{66}\ \Phi_{51}\ \Phi_{34}\ \Phi_{33}\ \Phi_{22}$
46706	930	528	$\frac{2}{33}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{12}\ \Phi_6$
46707	930	924	$\frac{1}{77}$	$\frac{1}{4}$	$\frac{76}{231}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
46708	930	138	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{15}{46}$	$\frac{1}{3}$	$\Phi_{138}^6\ \Phi_{69}^6\ \Phi_{46}^8\ \Phi_{23}^8\ \Phi_6^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
46709	930	1398	$\frac{13}{466}$	$\frac{63}{466}$	$\frac{151}{466}$	$\frac{1}{3}$	$\Phi_{1398}\ \Phi_{699}\ \Phi_6$
46710	930	720	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{48}\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
46711	930	957	$\frac{2}{33}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{957}\ \Phi_{319}\ \Phi_{33}^2\ \Phi_{29}\ \Phi_{11}^2\ \Phi_1^2$
46712	930	672	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{96}^3\ \Phi_{84}^2\ \Phi_{48}^3\ \Phi_{42}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3$
46713	930	1398	$\frac{11}{466}$	$\frac{91}{466}$	$\frac{125}{466}$	$\frac{1}{3}$	$\Phi_{1398}\ \Phi_{699}\ \Phi_6$
46714	930	924	$\frac{2}{77}$	$\frac{15}{77}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{12}^3\ \Phi_6^3$
46715	930	96	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{96}^9\ \Phi_{48}^9\ \Phi_{32}^{12}\ \Phi_{24}^9\ \Phi_{16}^{12}\ \Phi_{12}^6\ \Phi_8^{12}\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
46716	930	1932	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{276}\ \Phi_{138}\ \Phi_{12}\ \Phi_{6}$
46717	930	528	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{132}\ \Phi_{66}^{2}\ \Phi_{48}^{3}\ \Phi_{33}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
46718	930	132	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^{9}\ \Phi_{66}^{9}\ \Phi_{44}^{10}\ \Phi_{22}^{10}\ \Phi_{12}^{10}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}$
46719	930	168	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^{6}\ \Phi_{84}^{4}\ \Phi_{56}^{6}\ \Phi_{42}^{5}\ \Phi_{28}^{6}\ \Phi_{24}^{6}\ \Phi_{21}^{5}\ \Phi_{14}^{6}\ \Phi_{12}^{5}\ \Phi_{8}^{6}\ \Phi_{7}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
46720	930	1428	$\frac{2}{51}$	$\frac{1}{7}$	$\frac{49}{204}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{238}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
46721	930	240	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{240}^{6}\ \Phi_{120}^{5}\ \Phi_{60}^{5}\ \Phi_{48}^{7}\ \Phi_{30}^{6}\ \Phi_{24}^{6}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
46722	930	1134	$\frac{7}{162}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
46723	930	1680	$\frac{1}{16}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{210}\ \Phi_{168}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
46724	930	690	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{22}{115}$	$\frac{1}{3}$	$\Phi_{690}^{2}\ \Phi_{345}\ \Phi_{230}^{2}\ \Phi_{115}^{2}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
46725	930	1200	$\frac{1}{16}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{50}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
46726	930	957	$\frac{2}{33}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{957}\ \Phi_{319}\ \Phi_{33}^{2}\ \Phi_{29}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
46727	930	462	$\frac{2}{33}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{462}^{3}\ \Phi_{231}^{2}\ \Phi_{154}^{3}\ \Phi_{77}^{2}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
46728	930	144	$\frac{1}{16}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{144}^{8}\ \Phi_{72}^{8}\ \Phi_{48}^{5}\ \Phi_{36}^{6}\ \Phi_{24}^{5}\ \Phi_{18}^{6}\ \Phi_{16}^{4}\ \Phi_{12}^{3}\ \Phi_{9}^{6}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
46729	930	1596	$\frac{3}{76}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{73}{228}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{399}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
46730	930	1305	$\frac{1}{15}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{14}{45}$	$\Phi_{1305}\ \Phi_{261}\ \Phi_{45}^{2}\ \Phi_{29}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
46731	930	1980	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{396}\ \Phi_{198}\ \Phi_{44}\ \Phi_{22}$
46732	930	1305	$\frac{1}{15}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{14}{45}$	$\Phi_{1305}\ \Phi_{261}\ \Phi_{45}^{2}\ \Phi_{29}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
46733	930	630	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{14}{45}$	$\Phi_{630}^{3}\ \Phi_{315}^{2}\ \Phi_{126}^{3}\ \Phi_{63}^{2}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
46734	930	1160	$\frac{2}{29}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{9}{29}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{232}\ \Phi_{116}\ \Phi_{40}^{2}\ \Phi_{29}\ \Phi_{20}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
46735	930	1015	$\frac{2}{29}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{9}{29}$	$\Phi_{1015}\ \Phi_{203}\ \Phi_{35}^{2}\ \Phi_{29}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
46736	930	1044	$\frac{2}{29}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{9}{29}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{348}\ \Phi_{261}\ \Phi_{116}\ \Phi_{36}^{2}\ \Phi_{29}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
46737	930	252	$\frac{1}{12}$	$\frac{5}{36}$	$\frac{1}{7}$	$\frac{11}{36}$	$\Phi_{252}^{4}\ \Phi_{126}^{4}\ \Phi_{84}^{5}\ \Phi_{63}^{4}\ \Phi_{42}^{5}\ \Phi_{28}^{5}\ \Phi_{21}^{5}\ \Phi_{14}^{5}\ \Phi_{7}^{4}$
46738	930	1296	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
46739	930	132	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{6}$	$\frac{13}{44}$	$\Phi_{132}^{8}\ \Phi_{66}^{9}\ \Phi_{44}^{4}\ \Phi_{33}^{9}\ \Phi_{22}^{5}\ \Phi_{12}^{8}\ \Phi_{11}^{4}\ \Phi_{6}^{8}\ \Phi_{4}^{4}\ \Phi_{3}^{8}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
46740	930	102	$\frac{3}{34}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{102}^{11}\ \Phi_{51}^{11}\ \Phi_{34}^{5}\ \Phi_{17}^{6}\ \Phi_{6}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
46741	930	1512	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{72}$	$\frac{61}{216}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
46742	930	510	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{16}{85}$	$\frac{23}{85}$	$\Phi_{510}^{2}\ \Phi_{255}^{2}\ \Phi_{170}^{2}\ \Phi_{102}^{3}\ \Phi_{51}^{3}\ \Phi_{34}^{3}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
46743	930	336	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{112}\ \Phi_{84}^{4}\ \Phi_{56}\ \Phi_{48}^{4}\ \Phi_{42}^{2}\ \Phi_{28}\ \Phi_{24}^{4}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
46744	930	440	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{440}^{3}\ \Phi_{220}\ \Phi_{110}^{2}\ \Phi_{88}^{3}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{3}\ \Phi_{11}^{2}$
46745	930	1540	$\frac{1}{11}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{308}\ \Phi_{154}\ \Phi_{44}\ \Phi_{22}$
46746	930	396	$\frac{1}{11}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{396}^{3}\ \Phi_{198}^{3}\ \Phi_{132}\ \Phi_{99}^{3}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{3}\ \Phi_{11}^{2}$
46747	930	1344	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{37}{192}$	$\frac{11}{48}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
46748	930	330	$\frac{1}{11}$	$\frac{17}{110}$	$\frac{1}{6}$	$\frac{5}{22}$	$\Phi_{330}^{4}\ \Phi_{165}^{4}\ \Phi_{110}^{2}\ \Phi_{66}\ \Phi_{55}^{2}\ \Phi_{33}\ \Phi_{30}^{4}\ \Phi_{22}\ \Phi_{15}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$
46749	930	1160	$\frac{1}{10}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{9}{40}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{232}\ \Phi_{116}\ \Phi_{40}^{2}\ \Phi_{29}\ \Phi_{20}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
46750	930	840	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{9}{40}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}\ \Phi_{168}^{2}\ \Phi_{140}\ \Phi_{84}^{2}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
46751	930	1015	$\frac{4}{35}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{5}$	$\Phi_{1015}\ \Phi_{203}\ \Phi_{35}^{2}\ \Phi_{29}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
46752	930	210	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{210}^{5}\ \Phi_{105}^{5}\ \Phi_{70}^{5}\ \Phi_{42}^{6}\ \Phi_{30}^{6}\ \Phi_{21}^{6}\ \Phi_{15}^{6}\ \Phi_{14}^{6}\ \Phi_{10}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
46753	930	1044	$\frac{4}{29}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{5}{29}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{348}\ \Phi_{261}\ \Phi_{116}\ \Phi_{36}^2\ \Phi_{29}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_4^2\ \Phi_1^2$
46754	930	252	$\frac{5}{36}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{252}^5\ \Phi_{126}^5\ \Phi_{84}^5\ \Phi_{63}^5\ \Phi_{42}\ \Phi_{28}^5\ \Phi_{21}\ \Phi_{14}$
46755	931	1488	$\frac{1}{186}$	$\frac{187}{744}$	$\frac{557}{1488}$	$\frac{185}{372}$	$\Phi_{1488}\ \Phi_{496}\ \Phi_{372}\ \Phi_{124}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
46756	931	264	$\frac{1}{132}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{131}{264}$	$\Phi_{264}^7\ \Phi_{88}^7\ \Phi_{24}^7\ \Phi_{12}\ \Phi_8^7\ \Phi_4\ \Phi_1$
46757	931	792	$\frac{1}{132}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{131}{264}$	$\Phi_{792}^3\ \Phi_{264}\ \Phi_{88}\ \Phi_{72}^3\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
46758	931	1840	$\frac{11}{920}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{909}{1840}$	$\Phi_{1840}\ \Phi_{368}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
46759	931	1836	$\frac{13}{918}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{905}{1836}$	$\Phi_{1836}\ \Phi_{612}\ \Phi_{204}\ \Phi_{108}\ \Phi_{68}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
46760	931	1248	$\frac{5}{312}$	$\frac{1}{6}$	$\frac{317}{1248}$	$\frac{307}{624}$	$\Phi_{1248}\ \Phi_{416}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{32}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
46761	931	248	$\frac{1}{62}$	$\frac{9}{124}$	$\frac{115}{248}$	$\frac{61}{124}$	$\Phi_{248}^7\ \Phi_{124}\ \Phi_8^7\ \Phi_4\ \Phi_1$
46762	931	288	$\frac{1}{48}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{47}{96}$	$\Phi_{288}^6\ \Phi_{96}^7\ \Phi_{36}\ \Phi_{32}^7\ \Phi_{12}\ \Phi_4\ \Phi_1$
46763	931	672	$\frac{1}{48}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{672}^3\ \Phi_{224}^3\ \Phi_{96}\ \Phi_{32}\ \Phi_{21}\ \Phi_7\ \Phi_1$
46764	931	864	$\frac{1}{48}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{47}{96}$	$\Phi_{864}^3\ \Phi_{96}\ \Phi_{32}\ \Phi_{27}\ \Phi_1$
46765	931	96	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{47}{96}$	$\Phi_{96}^{19}\ \Phi_{32}^{19}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
46766	931	1800	$\frac{1}{30}$	$\frac{31}{900}$	$\frac{869}{1800}$	$\frac{29}{60}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}\ \Phi_{120}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
46767	931	1200	$\frac{1}{30}$	$\frac{31}{300}$	$\frac{269}{1200}$	$\frac{29}{60}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
46768	931	1080	$\frac{1}{30}$	$\frac{149}{1080}$	$\frac{31}{180}$	$\frac{29}{60}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
46769	931	1800	$\frac{31}{900}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{869}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
46770	931	1800	$\frac{31}{900}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{869}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
46771	931	180	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{47}{180}$	$\frac{43}{90}$	$\Phi_{180}^7\ \Phi_{60}^7\ \Phi_{45}^7\ \Phi_{36}^7\ \Phi_{20}^7\ \Phi_{15}^6\ \Phi_{12}^7\ \Phi_9^7\ \Phi_5^6\ \Phi_4^7\ \Phi_3^6\ \Phi_1^7$
46772	931	1020	$\frac{4}{85}$	$\frac{89}{1020}$	$\frac{1}{5}$	$\frac{81}{170}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{30}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
46773	931	93	$\frac{5}{93}$	$\frac{8}{93}$	$\frac{17}{93}$	$\frac{44}{93}$	$\Phi_{93}^{10}\ \Phi_{31}^{10}\ \Phi_3^{10}\ \Phi_1^{11}$
46774	931	612	$\frac{2}{51}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{612}^3\ \Phi_{204}^3\ \Phi_{68}^3\ \Phi_{51}\ \Phi_{36}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
46775	931	72	$\frac{1}{24}$	$\frac{1}{18}$	$\frac{23}{72}$	$\frac{17}{36}$	$\Phi_{72}^{13}\ \Phi_{36}^{14}\ \Phi_{24}^{12}\ \Phi_{18}^{13}\ \Phi_{12}^{13}\ \Phi_9^{13}\ \Phi_8^{12}\ \Phi_6^{12}\ \Phi_4^{13}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
46776	931	468	$\frac{1}{18}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{52}^3\ \Phi_{39}^2\ \Phi_{36}\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
46777	931	576	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{17}{36}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}^3\ \Phi_{36}\ \Phi_{32}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
46778	931	180	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{17}{36}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^7\ \Phi_{45}^6\ \Phi_{36}\ \Phi_{30}^7\ \Phi_{20}^7\ \Phi_{15}^7\ \Phi_{12}\ \Phi_{10}^7\ \Phi_5^7\ \Phi_4\ \Phi_1$
46779	931	108	$\frac{1}{18}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{108}^{18}\ \Phi_{54}\ \Phi_{36}^{13}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}^{13}\ \Phi_9\ \Phi_4^{13}\ \Phi_1$
46780	931	72	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{17}{36}$	$\Phi_{72}^{12}\ \Phi_{36}^{13}\ \Phi_{24}^{12}\ \Phi_{18}^{12}\ \Phi_{12}^{13}\ \Phi_9^{12}\ \Phi_8^{18}\ \Phi_6^{12}\ \Phi_4^{19}\ \Phi_3^{12}\ \Phi_2^{18}\ \Phi_1^{19}$
46781	931	1760	$\frac{51}{880}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{829}{1760}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{160}\ \Phi_{55}\ \Phi_{32}\ \Phi_{11}\ \Phi_1$
46782	931	144	$\frac{5}{72}$	$\frac{11}{144}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{144}^6\ \Phi_{72}^7\ \Phi_{48}^6\ \Phi_{36}^7\ \Phi_{24}^7\ \Phi_{18}^6\ \Phi_{16}^6\ \Phi_{12}^7\ \Phi_9^7\ \Phi_8^7\ \Phi_6^6\ \Phi_4^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
46783	931	990	$\frac{59}{990}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{11}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
46784	931	1728	$\frac{5}{72}$	$\frac{67}{864}$	$\frac{1}{6}$	$\frac{797}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
46785	931	1716	$\frac{5}{78}$	$\frac{73}{858}$	$\frac{1}{6}$	$\frac{785}{1716}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{156}\ \Phi_{132}\ \Phi_{78}\ \Phi_{52}\ \Phi_{44}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
46786	931	180	$\frac{1}{20}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{180}^5\ \Phi_{90}^4\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{36}^5\ \Phi_{30}^4\ \Phi_{20}^9\ \Phi_{18}^4\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^8\ \Phi_9^5\ \Phi_6^4\ \Phi_5^8\ \Phi_4^9\ \Phi_3^5\ \Phi_2^8\ \Phi_1^9$
46787	931	1700	$\frac{4}{85}$	$\frac{81}{850}$	$\frac{1}{5}$	$\frac{769}{1700}$	$\Phi_{1700}\ \Phi_{340}\ \Phi_{100}\ \Phi_{85}\ \Phi_{68}\ \Phi_{20}\ \Phi_{17}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
46788	931	1380	$\frac{11}{460}$	$\frac{1}{10}$	$\frac{449}{1380}$	$\frac{9}{20}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
46789	931	960	$\frac{29}{960}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
46790	931	60	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{60}^{19}\ \Phi_{30}^{19}\ \Phi_{20}^{9}\ \Phi_{15}^{19}\ \Phi_{12}^{19}\ \Phi_{10}^{8}\ \Phi_{6}^{19}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{3}^{19}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
46791	931	1080	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{149}{1080}$	$\frac{121}{270}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
46792	931	240	$\frac{1}{30}$	$\frac{13}{120}$	$\frac{29}{120}$	$\frac{107}{240}$	$\Phi_{240}^{7}\ \Phi_{120}\ \Phi_{80}^{7}\ \Phi_{60}\ \Phi_{48}^{7}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}^{7}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
46793	931	240	$\frac{1}{15}$	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{107}{240}$	$\Phi_{240}^{7}\ \Phi_{80}^{7}\ \Phi_{48}^{7}\ \Phi_{16}^{7}\ \Phi_{15}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
46794	931	62	$\frac{5}{62}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{27}{62}$	$\Phi_{62}^{14}\ \Phi_{31}^{16}\ \Phi_{2}^{14}\ \Phi_{1}^{17}$
46795	931	150	$\frac{1}{15}$	$\frac{17}{150}$	$\frac{2}{15}$	$\frac{13}{30}$	$\Phi_{150}^{7}\ \Phi_{75}^{7}\ \Phi_{50}^{7}\ \Phi_{25}^{7}\ \Phi_{15}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
46796	931	155	$\frac{8}{155}$	$\frac{21}{155}$	$\frac{22}{155}$	$\frac{67}{155}$	$\Phi_{155}^{6}\ \Phi_{31}^{6}\ \Phi_{5}^{6}\ \Phi_{1}^{7}$
46797	931	1620	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{121}{810}$	$\frac{689}{1620}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{324}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
46798	931	540	$\frac{2}{135}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{540}^{3}\ \Phi_{180}^{3}\ \Phi_{135}\ \Phi_{108}^{3}\ \Phi_{60}^{3}\ \Phi_{45}\ \Phi_{36}^{3}\ \Phi_{27}\ \Phi_{20}^{3}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
46799	931	396	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{65}{198}$	$\frac{5}{12}$	$\Phi_{396}^{6}\ \Phi_{198}\ \Phi_{99}\ \Phi_{36}^{6}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
46800	931	408	$\frac{3}{136}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{408}^{2}\ \Phi_{204}^{2}\ \Phi_{136}^{3}\ \Phi_{102}^{2}\ \Phi_{68}^{3}\ \Phi_{51}^{2}\ \Phi_{34}^{3}\ \Phi_{24}^{2}\ \Phi_{17}^{3}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_4\ \Phi_1$
46801	931	528	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{43}{176}$	$\frac{5}{12}$	$\Phi_{528}^{2}\ \Phi_{264}^{2}\ \Phi_{176}^{3}\ \Phi_{88}^{3}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{3}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_4\ \Phi_1$
46802	931	660	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{32}{165}$	$\frac{5}{12}$	$\Phi_{660}^{3}\ \Phi_{220}^{3}\ \Phi_{165}\ \Phi_{60}^{3}\ \Phi_{55}\ \Phi_{20}^{3}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
46803	931	276	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{276}^{6}\ \Phi_{138}\ \Phi_{92}^{6}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_{12}\ \Phi_4\ \Phi_1$
46804	931	132	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{132}^{12}\ \Phi_{44}^{12}\ \Phi_{22}^{6}\ \Phi_{12}^{13}\ \Phi_{11}^{6}\ \Phi_{4}^{13}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
46805	931	120	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{120}^{8}\ \Phi_{60}^{6}\ \Phi_{40}^{12}\ \Phi_{30}^{6}\ \Phi_{24}^{6}\ \Phi_{20}^{9}\ \Phi_{15}^{6}\ \Phi_{12}^{5}\ \Phi_{10}^{9}\ \Phi_{8}^{9}\ \Phi_{6}^{4}\ \Phi_{5}^{9}\ \Phi_{4}^{7}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
46806	931	1056	$\frac{7}{132}$	$\frac{125}{1056}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{96}\ \Phi_{88}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
46807	931	1716	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{156}\ \Phi_{143}\ \Phi_{52}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
46808	931	144	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{144}^{7}\ \Phi_{72}^{7}\ \Phi_{48}^{7}\ \Phi_{36}^{7}\ \Phi_{24}^{7}\ \Phi_{18}^{7}\ \Phi_{16}^{7}\ \Phi_{12}\ \Phi_{9}^{7}\ \Phi_{8}^{7}\ \Phi_4\ \Phi_1$
46809	931	800	$\frac{1}{50}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{800}^{2}\ \Phi_{160}^{2}\ \Phi_{100}^{2}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
46810	931	1560	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{151}{780}$	$\frac{629}{1560}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
46811	931	960	$\frac{29}{960}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
46812	931	80	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{80}^{19}\ \Phi_{20}^{9}\ \Phi_{16}^{19}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
46813	931	600	$\frac{1}{50}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{600}^{2}\ \Phi_{300}^{2}\ \Phi_{150}^{2}\ \Phi_{120}^{2}\ \Phi_{100}^{2}\ \Phi_{75}^{2}\ \Phi_{60}^{2}\ \Phi_{50}\ \Phi_{30}^{2}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
46814	931	1488	$\frac{1}{62}$	$\frac{61}{248}$	$\frac{187}{744}$	$\frac{557}{1488}$	$\Phi_{1488}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
46815	931	150	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{150}^{5}\ \Phi_{75}^{5}\ \Phi_{50}^{9}\ \Phi_{30}^{4}\ \Phi_{25}^{9}\ \Phi_{15}^{5}\ \Phi_{10}^{8}\ \Phi_{6}^{4}\ \Phi_{5}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
46816	931	1440	$\frac{1}{30}$	$\frac{29}{240}$	$\frac{211}{720}$	$\frac{509}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
46817	931	990	$\frac{59}{990}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_9\ \Phi_1$
46818	931	1404	$\frac{5}{234}$	$\frac{1}{6}$	$\frac{229}{702}$	$\frac{473}{1404}$	$\Phi_{1404}\ \Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{108}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
46819	931	135	$\frac{2}{135}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{135}^{7}\ \Phi_{45}^{7}\ \Phi_{27}^{7}\ \Phi_{15}^{7}\ \Phi_{9}^{5}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
46820	931	357	$\frac{2}{51}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{357}^{3}\ \Phi_{119}^{3}\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}\ \Phi_7\ \Phi_1$
46821	931	198	$\frac{1}{66}$	$\frac{2}{9}$	$\frac{65}{198}$	$\frac{1}{3}$	$\Phi_{198}^{4}\ \Phi_{99}^{4}\ \Phi_{66}^{6}\ \Phi_{33}^{6}\ \Phi_{22}^{6}\ \Phi_{18}^{4}\ \Phi_{11}^{6}\ \Phi_{9}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
46822	931	504	$\frac{1}{24}$	$\frac{2}{21}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{126}^3\ \Phi_{72}\ \Phi_{63}^3\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_1$
46823	931	459	$\frac{2}{51}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{459}^3\ \Phi_{51}\ \Phi_{27}\ \Phi_{17}\ \Phi_1$
46824	931	1224	$\frac{3}{136}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_9\ \Phi_8\ \Phi_1$
46825	931	1092	$\frac{3}{52}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}\ \Phi_{21}\ \Phi_{13}\ \Phi_7\ \Phi_1$
46826	931	1584	$\frac{1}{44}$	$\frac{2}{9}$	$\frac{43}{176}$	$\frac{1}{3}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{176}\ \Phi_{144}\ \Phi_{88}\ \Phi_{72}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
46827	931	1344	$\frac{1}{16}$	$\frac{2}{21}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{64}\ \Phi_{32}\ \Phi_{21}\ \Phi_7\ \Phi_1$
46828	931	495	$\frac{1}{33}$	$\frac{32}{165}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{495}^3\ \Phi_{165}\ \Phi_{55}\ \Phi_{45}^3\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
46829	931	414	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{414}^3\ \Phi_{207}^3\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_9\ \Phi_1$
46830	931	198	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{198}^6\ \Phi_{99}^6\ \Phi_{22}^6\ \Phi_{18}^6\ \Phi_{11}^6\ \Phi_9^7\ \Phi_2^6\ \Phi_1^7$
46831	931	360	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{45}^3\ \Phi_{40}^4\ \Phi_{36}^2\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{10}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
46832	931	1287	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1287}\ \Phi_{143}\ \Phi_{117}\ \Phi_{13}\ \Phi_9\ \Phi_1$
46833	931	144	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{144}^7\ \Phi_{72}^7\ \Phi_{48}^7\ \Phi_{36}^4\ \Phi_{24}^7\ \Phi_{18}^4\ \Phi_{16}^7\ \Phi_{12}^6\ \Phi_9^5\ \Phi_8^7\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
46834	931	408	$\frac{2}{51}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{408}^3\ \Phi_{204}^3\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{51}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
46835	931	420	$\frac{1}{12}$	$\frac{2}{21}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{60}\ \Phi_{35}^3\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
46836	931	378	$\frac{5}{54}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{378}^3\ \Phi_{189}^3\ \Phi_{126}^3\ \Phi_{63}^3\ \Phi_{54}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_1$
46837	931	168	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{168}^6\ \Phi_{84}^6\ \Phi_{56}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{21}^7\ \Phi_{14}^6\ \Phi_8^6\ \Phi_7^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
46838	931	216	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{23}{72}$	$\Phi_{216}^6\ \Phi_{108}^6\ \Phi_{72}\ \Phi_{54}^6\ \Phi_{36}\ \Phi_{27}^7\ \Phi_{18}\ \Phi_9\ \Phi_1$
46839	931	72	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{23}{72}$	$\Phi_{72}^{19}\ \Phi_{36}^{19}\ \Phi_{24}\ \Phi_{18}^{19}\ \Phi_{12}\ \Phi_9^{19}\ \Phi_8\ \Phi_4\ \Phi_1$
46840	931	1350	$\frac{1}{15}$	$\frac{31}{450}$	$\frac{419}{1350}$	$\frac{14}{45}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{270}\ \Phi_{135}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_9\ \Phi_1$
46841	931	1125	$\frac{1}{15}$	$\frac{31}{225}$	$\frac{194}{1125}$	$\frac{14}{45}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{125}\ \Phi_{45}\ \Phi_9\ \Phi_1$
46842	931	1080	$\frac{1}{15}$	$\frac{149}{1080}$	$\frac{31}{180}$	$\frac{14}{45}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
46843	931	1080	$\frac{5}{72}$	$\frac{149}{1080}$	$\frac{1}{6}$	$\frac{67}{216}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
46844	931	1215	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{284}{1215}$	$\frac{121}{405}$	$\Phi_{1215}\ \Phi_{243}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_9\ \Phi_1$
46845	931	1404	$\frac{3}{52}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{52}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
46846	931	1728	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{15}{64}$	$\frac{8}{27}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{64}\ \Phi_{32}\ \Phi_{27}\ \Phi_1$
46847	931	540	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{60}$	$\frac{8}{27}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{135}^3\ \Phi_{60}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
46848	931	54	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{54}^{16}\ \Phi_{27}^{17}\ \Phi_{18}^{19}\ \Phi_9^{19}\ \Phi_6^{18}\ \Phi_3^{18}\ \Phi_2^{18}\ \Phi_1^{19}$
46849	931	216	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{8}{27}$	$\Phi_{216}^6\ \Phi_{108}^6\ \Phi_{54}^6\ \Phi_{27}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
46850	931	1320	$\frac{4}{55}$	$\frac{51}{440}$	$\frac{1}{5}$	$\frac{389}{1320}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
46851	931	1296	$\frac{5}{72}$	$\frac{67}{432}$	$\frac{1}{6}$	$\frac{365}{1296}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
46852	931	972	$\frac{41}{972}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
46853	931	1224	$\frac{13}{306}$	$\frac{1}{6}$	$\frac{293}{1224}$	$\frac{5}{18}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
46854	931	1275	$\frac{4}{85}$	$\frac{81}{425}$	$\frac{1}{5}$	$\frac{344}{1275}$	$\Phi_{1275}\ \Phi_{255}\ \Phi_{85}\ \Phi_{75}\ \Phi_{51}\ \Phi_{17}\ \Phi_{15}\ \Phi_3\ \Phi_1$
46855	931	60	$\frac{1}{20}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{60}^{14}\ \Phi_{30}^{14}\ \Phi_{20}^{18}\ \Phi_{15}^{15}\ \Phi_{12}^{14}\ \Phi_{10}^{18}\ \Phi_6^{14}\ \Phi_5^{18}\ \Phi_4^{18}\ \Phi_3^{15}\ \Phi_2^{18}\ \Phi_1^{19}$
46856	931	180	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{47}{180}$	$\Phi_{180}^7\ \Phi_{90}^7\ \Phi_{45}^7\ \Phi_{36}^7\ \Phi_{18}^7\ \Phi_{15}^6\ \Phi_9^7\ \Phi_5^6\ \Phi_3^6\ \Phi_1^7$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
46857	931	312	$\frac{3}{52}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{312}^{4}\ \Phi_{156}^{2}\ \Phi_{104}^{4}\ \Phi_{78}^{2}\ \Phi_{52}^{3}\ \Phi_{39}^{2}\ \Phi_{26}^{3}\ \Phi_{24}\ \Phi_{13}^{3}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
46858	931	192	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{15}{64}$	$\Phi_{192}^{6}\ \Phi_{96}^{6}\ \Phi_{64}^{7}\ \Phi_{32}^{7}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
46859	931	1152	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{221}{1152}$	$\frac{67}{288}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
46860	931	1100	$\frac{4}{55}$	$\frac{169}{1100}$	$\frac{1}{5}$	$\frac{51}{220}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{100}\ \Phi_{55}\ \Phi_{50}\ \Phi_{25}\ \Phi_{11}\ \Phi_{1}$
46861	931	120	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{60}$	$\frac{5}{24}$	$\Phi_{120}^{12}\ \Phi_{60}^{7}\ \Phi_{40}^{12}\ \Phi_{30}^{7}\ \Phi_{24}\ \Phi_{20}^{7}\ \Phi_{15}^{7}\ \Phi_{12}\ \Phi_{10}^{7}\ \Phi_{8}\ \Phi_{5}^{7}\ \Phi_{4}\ \Phi_{1}$
46862	931	216	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{216}^{6}\ \Phi_{108}^{6}\ \Phi_{72}^{6}\ \Phi_{54}\ \Phi_{36}^{6}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
46863	931	24	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{24}^{37}\ \Phi_{12}^{37}\ \Phi_{8}^{43}\ \Phi_{6}^{36}\ \Phi_{4}^{43}\ \Phi_{3}^{36}\ \Phi_{2}^{42}\ \Phi_{1}^{43}$
46864	931	1080	$\frac{149}{1080}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{180}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
46865	932	1392	$\frac{1}{232}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{231}{464}$	$\Phi_{1392}\ \Phi_{464}^{2}\ \Phi_{48}\ \Phi_{16}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
46866	932	399	$\frac{1}{133}$	$\frac{67}{399}$	$\frac{166}{399}$	$\frac{66}{133}$	$\Phi_{399}^{2}\ \Phi_{133}^{3}\ \Phi_{57}^{2}\ \Phi_{21}^{2}\ \Phi_{19}^{3}\ \Phi_{7}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
46867	932	462	$\frac{2}{231}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{229}{462}$	$\Phi_{462}^{4}\ \Phi_{154}^{4}\ \Phi_{66}^{4}\ \Phi_{42}^{4}\ \Phi_{22}^{4}\ \Phi_{14}^{4}\ \Phi_{7}\ \Phi_{6}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
46868	932	2310	$\frac{2}{231}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{229}{462}$	$\Phi_{2310}\ \Phi_{770}\ \Phi_{330}\ \Phi_{210}\ \Phi_{110}\ \Phi_{70}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
46869	932	1560	$\frac{1}{78}$	$\frac{1}{5}$	$\frac{79}{312}$	$\frac{77}{156}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}\ \Phi_{65}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
46870	932	441	$\frac{1}{49}$	$\frac{25}{441}$	$\frac{208}{441}$	$\frac{24}{49}$	$\Phi_{441}^{2}\ \Phi_{147}^{2}\ \Phi_{63}^{2}\ \Phi_{49}^{3}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
46871	932	294	$\frac{1}{49}$	$\frac{25}{147}$	$\frac{61}{294}$	$\frac{24}{49}$	$\Phi_{294}^{4}\ \Phi_{147}^{2}\ \Phi_{98}^{4}\ \Phi_{49}^{3}\ \Phi_{42}^{4}\ \Phi_{21}^{2}\ \Phi_{14}^{4}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
46872	932	456	$\frac{5}{228}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{223}{456}$	$\Phi_{456}^{4}\ \Phi_{152}^{4}\ \Phi_{24}^{4}\ \Phi_{19}\ \Phi_{8}^{4}\ \Phi_{1}^{2}$
46873	932	456	$\frac{5}{228}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{223}{456}$	$\Phi_{456}^{4}\ \Phi_{152}^{4}\ \Phi_{24}^{4}\ \Phi_{19}\ \Phi_{8}^{4}\ \Phi_{1}^{2}$
46874	932	2280	$\frac{5}{228}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{223}{456}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{120}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
46875	932	450	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{217}{450}$	$\Phi_{450}^{4}\ \Phi_{150}^{4}\ \Phi_{90}^{4}\ \Phi_{50}^{4}\ \Phi_{45}\ \Phi_{30}^{4}\ \Phi_{18}^{4}\ \Phi_{15}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{2}^{4}$
46876	932	260	$\frac{1}{26}$	$\frac{27}{260}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{260}^{3}\ \Phi_{130}^{4}\ \Phi_{65}^{4}\ \Phi_{52}^{4}\ \Phi_{26}^{4}\ \Phi_{20}^{3}\ \Phi_{13}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
46877	932	342	$\frac{5}{114}$	$\frac{1}{19}$	$\frac{109}{342}$	$\frac{9}{19}$	$\Phi_{342}^{4}\ \Phi_{171}^{4}\ \Phi_{19}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{1}^{2}$
46878	932	247	$\frac{1}{19}$	$\frac{14}{247}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{247}^{4}\ \Phi_{19}\ \Phi_{13}^{4}\ \Phi_{1}^{2}$
46879	932	304	$\frac{1}{19}$	$\frac{5}{76}$	$\frac{71}{304}$	$\frac{9}{19}$	$\Phi_{304}^{4}\ \Phi_{152}^{4}\ \Phi_{19}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{1}^{2}$
46880	932	285	$\frac{1}{19}$	$\frac{5}{57}$	$\frac{52}{285}$	$\frac{9}{19}$	$\Phi_{285}^{4}\ \Phi_{95}^{4}\ \Phi_{19}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{2}$
46881	932	513	$\frac{1}{19}$	$\frac{47}{513}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{513}^{2}\ \Phi_{171}^{2}\ \Phi_{27}^{2}\ \Phi_{19}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
46882	932	266	$\frac{1}{19}$	$\frac{33}{266}$	$\frac{5}{38}$	$\frac{9}{19}$	$\Phi_{266}^{4}\ \Phi_{133}^{4}\ \Phi_{19}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{1}^{2}$
46883	932	2210	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{209}{442}$	$\Phi_{2210}\ \Phi_{170}\ \Phi_{130}\ \Phi_{65}\ \Phi_{10}$
46884	932	1260	$\frac{1}{18}$	$\frac{19}{252}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
46885	932	2160	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{1}{5}$	$\frac{199}{432}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{240}\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
46886	932	855	$\frac{1}{19}$	$\frac{77}{855}$	$\frac{18}{95}$	$\frac{389}{855}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{171}\ \Phi_{95}^{2}\ \Phi_{57}\ \Phi_{45}\ \Phi_{19}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
46887	932	285	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{52}{285}$	$\frac{43}{95}$	$\Phi_{285}^{4}\ \Phi_{95}^{2}\ \Phi_{57}^{4}\ \Phi_{19}\ \Phi_{15}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
46888	932	2080	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{1}{5}$	$\frac{183}{416}$	$\Phi_{2080}\ \Phi_{160}\ \Phi_{130}\ \Phi_{65}\ \Phi_{10}$
46889	932	693	$\frac{4}{231}$	$\frac{1}{7}$	$\frac{227}{693}$	$\frac{3}{7}$	$\Phi_{693}^{2}\ \Phi_{99}^{2}\ \Phi_{63}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
46890	932	238	$\frac{5}{238}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{238}^{4}\ \Phi_{119}^{4}\ \Phi_{34}^{4}\ \Phi_{17}^{4}\ \Phi_{14}^{4}\ \Phi_{7}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
46891	932	308	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{75}{308}$	$\frac{3}{7}$	$\Phi_{308}^{4}\ \Phi_{154}^{4}\ \Phi_{44}^{4}\ \Phi_{28}^{4}\ \Phi_{22}^{4}\ \Phi_{14}^{4}\ \Phi_{7}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
46892	932	483	$\frac{17}{483}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{483}^{2}\ \Phi_{161}^{2}\ \Phi_{69}^{2}\ \Phi_{23}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
46893	932	539	$\frac{4}{77}$	$\frac{73}{539}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{539}^{2}\ \Phi_{49}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
46894	932	252	$\frac{19}{252}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_7\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
46895	932	240	$\frac{7}{240}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
46896	932	392	$\frac{1}{49}$	$\frac{37}{196}$	$\frac{12}{49}$	$\frac{159}{392}$	$\Phi_{392}^4\ \Phi_{56}^4\ \Phi_{49}^3\ \Phi_8^4\ \Phi_7^3\ \Phi_1^4$
46897	932	390	$\frac{1}{39}$	$\frac{38}{195}$	$\frac{1}{5}$	$\frac{157}{390}$	$\Phi_{390}^4\ \Phi_{195}\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{65}\ \Phi_{30}^4\ \Phi_{26}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
46898	932	380	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{43}{190}$	$\frac{147}{380}$	$\Phi_{380}^4\ \Phi_{95}^2\ \Phi_{76}^4\ \Phi_{20}^4\ \Phi_{19}\ \Phi_5^2\ \Phi_4^4\ \Phi_1^2$
46899	932	294	$\frac{1}{49}$	$\frac{61}{294}$	$\frac{12}{49}$	$\frac{37}{98}$	$\Phi_{294}^4\ \Phi_{147}^4\ \Phi_{49}^3\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_7^3\ \Phi_6^4\ \Phi_3^4\ \Phi_1^4$
46900	932	735	$\frac{1}{49}$	$\frac{48}{245}$	$\frac{197}{735}$	$\frac{269}{735}$	$\Phi_{735}\ \Phi_{245}^2\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
46901	932	348	$\frac{1}{116}$	$\frac{115}{348}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{348}^3\ \Phi_{174}^3\ \Phi_{116}^2\ \Phi_{87}^3\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
46902	932	708	$\frac{3}{236}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{708}\ \Phi_{354}\ \Phi_{236}^2\ \Phi_{177}\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_3\ \Phi_1^2$
46903	932	870	$\frac{1}{58}$	$\frac{57}{290}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}^2\ \Phi_{145}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
46904	932	240	$\frac{7}{240}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_8^2\ \Phi_6^3\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
46905	932	261	$\frac{1}{29}$	$\frac{28}{261}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{261}^4\ \Phi_{87}^3\ \Phi_{29}^2\ \Phi_9^4\ \Phi_3^4\ \Phi_1^4$
46906	932	1320	$\frac{2}{33}$	$\frac{31}{264}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{120}\ \Phi_{110}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
46907	932	1260	$\frac{19}{252}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
46908	932	342	$\frac{5}{114}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{109}{342}$	$\Phi_{342}^4\ \Phi_{171}^4\ \Phi_{19}\ \Phi_{18}^4\ \Phi_9^4\ \Phi_1^2$
46909	932	1710	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{109}{342}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
46910	932	270	$\frac{1}{18}$	$\frac{37}{270}$	$\frac{1}{5}$	$\frac{17}{54}$	$\Phi_{270}^3\ \Phi_{135}^3\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
46911	932	1620	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{1}{5}$	$\frac{91}{324}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
46912	932	285	$\frac{1}{19}$	$\frac{52}{285}$	$\frac{18}{95}$	$\frac{77}{285}$	$\Phi_{285}^3\ \Phi_{95}^4\ \Phi_{57}^3\ \Phi_{19}^3\ \Phi_{15}^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
46913	932	245	$\frac{12}{245}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{245}^4\ \Phi_{49}^3\ \Phi_{35}^4\ \Phi_7^3\ \Phi_5^4\ \Phi_1^4$
46914	932	247	$\frac{14}{247}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{247}^4\ \Phi_{19}\ \Phi_{13}^4\ \Phi_1^2$
46915	932	266	$\frac{9}{133}$	$\frac{33}{266}$	$\frac{31}{133}$	$\frac{34}{133}$	$\Phi_{266}^4\ \Phi_{133}^3\ \Phi_{38}^4\ \Phi_{19}^3\ \Phi_{14}^4\ \Phi_7^3\ \Phi_2^4\ \Phi_1^4$
46916	932	1560	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{25}{104}$	$\frac{79}{312}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}\ \Phi_{65}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
46917	932	1440	$\frac{1}{18}$	$\frac{55}{288}$	$\frac{1}{5}$	$\frac{17}{72}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
46918	932	304	$\frac{5}{76}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{71}{304}$	$\Phi_{304}^4\ \Phi_{152}^4\ \Phi_{19}\ \Phi_{16}^4\ \Phi_8^4\ \Phi_1^2$
46919	932	285	$\frac{5}{57}$	$\frac{3}{19}$	$\frac{52}{285}$	$\frac{4}{19}$	$\Phi_{285}^4\ \Phi_{95}^4\ \Phi_{19}\ \Phi_{15}^4\ \Phi_5^4\ \Phi_1^2$
46920	932	266	$\frac{33}{266}$	$\frac{5}{38}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{266}^4\ \Phi_{133}^4\ \Phi_{19}\ \Phi_{14}^4\ \Phi_7^4\ \Phi_1^2$
46921	932	270	$\frac{1}{9}$	$\frac{37}{270}$	$\frac{8}{45}$	$\frac{1}{5}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
46922	933	1856	$\frac{5}{928}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{923}{1856}$	$\Phi_{1856}\ \Phi_{64}\ \Phi_8\ \Phi_1$
46923	933	1236	$\frac{2}{309}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{307}{618}$	$\Phi_{1236}\ \Phi_{412}\ \Phi_{309}\ \Phi_{103}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
46924	933	416	$\frac{1}{104}$	$\frac{1}{4}$	$\frac{105}{416}$	$\frac{103}{208}$	$\Phi_{416}^3\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{32}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
46925	933	616	$\frac{3}{308}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{305}{616}$	$\Phi_{616}^3\ \Phi_{88}^3\ \Phi_{56}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
46926	933	612	$\frac{5}{306}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{301}{612}$	$\Phi_{612}\ \Phi_{306}^2\ \Phi_{204}\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{36}\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{17}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
46927	933	608	$\frac{7}{304}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{297}{608}$	$\Phi_{608}^3\ \Phi_{32}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
46928	933	1040	$\frac{3}{104}$	$\frac{107}{1040}$	$\frac{1}{4}$	$\frac{101}{208}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{104}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
46929	933	600	$\frac{11}{300}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{289}{600}$	$\Phi_{600}^3\ \Phi_{200}^3\ \Phi_{120}^3\ \Phi_{40}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
46930	933	1196	$\frac{12}{299}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{287}{598}$	$\Phi_{1196}\ \Phi_{299}\ \Phi_{92}\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{23}\ \Phi_{13}\ \Phi_4\ \Phi_1$
46931	933	336	$\frac{1}{24}$	$\frac{25}{336}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
46932	933	1768	$\frac{49}{884}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{835}{1768}$	$\Phi_{1768}\ \Phi_{136}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
46933	933	576	$\frac{1}{24}$	$\frac{23}{288}$	$\frac{1}{4}$	$\frac{265}{576}$	$\Phi_{576}^3\ \Phi_{192}^3\ \Phi_{64}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
46934	933	572	$\frac{1}{26}$	$\frac{25}{286}$	$\frac{1}{4}$	$\frac{261}{572}$	$\Phi_{572}\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{52}^3\ \Phi_{44}\ \Phi_{26}^3\ \Phi_{22}^2\ \Phi_{13}^3\ \Phi_{11}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
46935	933	1664	$\frac{3}{104}$	$\frac{101}{832}$	$\frac{1}{4}$	$\frac{731}{1664}$	$\Phi_{1664}\ \Phi_{128}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
46936	933	320	$\frac{9}{320}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
46937	933	1092	$\frac{1}{39}$	$\frac{38}{273}$	$\frac{1}{4}$	$\frac{235}{546}$	$\Phi_{1092}\ \Phi_{364}\ \Phi_{273}\ \Phi_{156}^2\ \Phi_{91}\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{28}\ \Phi_{26}\ \Phi_{21}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
46938	933	520	$\frac{1}{52}$	$\frac{51}{260}$	$\frac{1}{4}$	$\frac{209}{520}$	$\Phi_{520}^3\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{40}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
46939	933	315	$\frac{4}{315}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{315}^3\ \Phi_{105}^3\ \Phi_{63}^3\ \Phi_{45}^3\ \Phi_{35}^3\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_9^3\ \Phi_7^3\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
46940	933	464	$\frac{5}{464}$	$\frac{1}{4}$	$\frac{153}{464}$	$\frac{3}{8}$	$\Phi_{464}^2\ \Phi_{232}^2\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{16}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
46941	933	944	$\frac{11}{944}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{944}\ \Phi_{472}\ \Phi_{236}\ \Phi_{118}\ \Phi_{59}\ \Phi_8\ \Phi_1$
46942	933	1160	$\frac{5}{232}$	$\frac{227}{1160}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{145}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
46943	933	320	$\frac{9}{320}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
46944	933	468	$\frac{1}{78}$	$\frac{1}{4}$	$\frac{77}{234}$	$\frac{157}{468}$	$\Phi_{468}\ \Phi_{234}^2\ \Phi_{156}^3\ \Phi_{117}^2\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{36}\ \Phi_{26}^3\ \Phi_{18}^2\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
46945	933	360	$\frac{1}{24}$	$\frac{49}{360}$	$\frac{1}{4}$	$\frac{23}{72}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
46946	933	456	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{145}{456}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
46947	933	432	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{1}{4}$	$\frac{121}{432}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
46948	933	324	$\frac{13}{324}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{324}^3\ \Phi_{162}^3\ \Phi_{108}^3\ \Phi_{81}^3\ \Phi_{54}^3\ \Phi_{36}\ \Phi_{27}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
46949	933	416	$\frac{3}{104}$	$\frac{101}{416}$	$\frac{1}{4}$	$\frac{105}{416}$	$\Phi_{416}^2\ \Phi_{208}^2\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{32}^2\ \Phi_{26}^3\ \Phi_{16}^2\ \Phi_{13}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
46950	933	352	$\frac{3}{44}$	$\frac{41}{352}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{352}^3\ \Phi_{176}^3\ \Phi_{88}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
46951	933	336	$\frac{25}{336}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
46952	933	384	$\frac{1}{24}$	$\frac{73}{384}$	$\frac{23}{96}$	$\frac{1}{4}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
46953	933	408	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{97}{408}$	$\frac{1}{4}$	$\Phi_{408}^3\ \Phi_{204}\ \Phi_{136}^3\ \Phi_{102}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{24}^3\ \Phi_{17}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
46954	933	360	$\frac{1}{12}$	$\frac{49}{360}$	$\frac{11}{60}$	$\frac{1}{4}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
46955	934	930	$\frac{2}{465}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{463}{930}$	$\Phi_{930}^2\ \Phi_{310}^2\ \Phi_{186}^2\ \Phi_{62}^2\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46956	934	624	$\frac{1}{156}$	$\frac{157}{624}$	$\frac{1}{3}$	$\frac{155}{312}$	$\Phi_{624}^2\ \Phi_{208}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{48}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46957	934	2784	$\frac{3}{464}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{461}{928}$	$\Phi_{2784}\ \Phi_{96}\ \Phi_{12}\ \Phi_6$
46958	934	927	$\frac{7}{927}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{460}{927}$	$\Phi_{927}\ \Phi_{309}\ \Phi_{103}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
46959	934	924	$\frac{5}{462}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{457}{924}$	$\Phi_{924}^2\ \Phi_{308}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46960	934	918	$\frac{8}{459}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{451}{918}$	$\Phi_{918}^2\ \Phi_{306}^2\ \Phi_{102}^2\ \Phi_{54}^2\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46961	934	1560	$\frac{1}{52}$	$\frac{53}{520}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{156}\ \Phi_{120}\ \Phi_{78}\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
46962	934	912	$\frac{11}{456}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{445}{912}$	$\Phi_{912}^2\ \Phi_{304}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46963	934	2730	$\frac{12}{455}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{443}{910}$	$\Phi_{2730}\ \Phi_{546}\ \Phi_{390}\ \Phi_{210}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{30}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
46964	934	504	$\frac{1}{36}$	$\frac{37}{504}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46965	934	900	$\frac{17}{450}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{433}{900}$	$\Phi_{900}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46966	934	897	$\frac{37}{897}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{430}{897}$	$\Phi_{897}\ \Phi_{299}\ \Phi_{69}\ \Phi_{39}^2\ \Phi_{23}\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
46967	934	2652	$\frac{1}{26}$	$\frac{25}{442}$	$\frac{1}{3}$	$\frac{417}{884}$	$\Phi_{2652}\ \Phi_{204}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
46968	934	864	$\frac{1}{36}$	$\frac{35}{432}$	$\frac{1}{3}$	$\frac{397}{864}$	$\Phi_{864}^2\ \Phi_{288}^2\ \Phi_{96}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46969	934	480	$\frac{13}{480}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46970	934	858	$\frac{1}{39}$	$\frac{38}{429}$	$\frac{1}{3}$	$\frac{391}{858}$	$\Phi_{858}^2\ \Phi_{286}^2\ \Phi_{78}^2\ \Phi_{66}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46971	934	2496	$\frac{1}{52}$	$\frac{51}{416}$	$\frac{1}{3}$	$\frac{365}{832}$	$\Phi_{2496}\ \Phi_{192}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
46972	934	819	$\frac{2}{117}$	$\frac{115}{819}$	$\frac{1}{3}$	$\frac{352}{819}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{117}^2\ \Phi_{91}\ \Phi_{63}\ \Phi_{39}^2\ \Phi_{21}\ \Phi_{13}^2\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
46973	934	780	$\frac{1}{78}$	$\frac{77}{390}$	$\frac{1}{3}$	$\frac{313}{780}$	$\Phi_{780}^2\ \Phi_{260}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46974	934	1416	$\frac{5}{472}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{354}\ \Phi_{177}\ \Phi_{12}\ \Phi_6$
46975	934	702	$\frac{1}{117}$	$\frac{116}{351}$	$\frac{1}{3}$	$\frac{235}{702}$	$\Phi_{702}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{54}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46976	934	558	$\frac{2}{93}$	$\frac{91}{558}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{558}^2\ \Phi_{279}^2\ \Phi_{186}^2\ \Phi_{62}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46977	934	480	$\frac{13}{480}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46978	934	696	$\frac{3}{232}$	$\frac{1}{4}$	$\frac{229}{696}$	$\frac{1}{3}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{232}^2\ \Phi_{174}\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{24}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46979	934	540	$\frac{1}{36}$	$\frac{73}{540}$	$\frac{35}{108}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46980	934	684	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{217}{684}$	$\frac{1}{3}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46981	934	486	$\frac{19}{486}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{486}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46982	934	648	$\frac{1}{36}$	$\frac{35}{216}$	$\frac{181}{648}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46983	934	624	$\frac{1}{52}$	$\frac{51}{208}$	$\frac{157}{624}$	$\frac{1}{3}$	$\Phi_{624}\ \Phi_{312}\ \Phi_{208}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{48}\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46984	934	1740	$\frac{3}{116}$	$\frac{113}{580}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
46985	934	480	$\frac{13}{480}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46986	934	576	$\frac{1}{36}$	$\frac{109}{576}$	$\frac{35}{144}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46987	934	612	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{145}{612}$	$\frac{1}{3}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{36}^2\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46988	934	540	$\frac{1}{18}$	$\frac{73}{540}$	$\frac{17}{90}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46989	934	1560	$\frac{1}{13}$	$\frac{53}{520}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{156}\ \Phi_{120}\ \Phi_{78}\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
46990	934	504	$\frac{37}{504}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46991	934	528	$\frac{5}{66}$	$\frac{61}{528}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46992	934	546	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{79}{546}$	$\frac{1}{3}$	$\Phi_{546}^2\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
46993	935	744	$\frac{1}{186}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{185}{372}$	$\Phi_{744}^2\ \Phi_{372}\ \Phi_{248}^2\ \Phi_{124}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
46994	935	840	$\frac{1}{84}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{83}{168}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}^3\ \Phi_{120}^2\ \Phi_{56}^3\ \Phi_{40}^2\ \Phi_{24}^3\ \Phi_{20}\ \Phi_8^3\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
46995	935	840	$\frac{1}{84}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{83}{168}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}^3\ \Phi_{120}^2\ \Phi_{56}^3\ \Phi_{40}^2\ \Phi_{24}^3\ \Phi_{15}\ \Phi_8^3\ \Phi_3\ \Phi_1$
46996	935	1104	$\frac{3}{184}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{181}{368}$	$\Phi_{1104}^2\ \Phi_{368}\ \Phi_{48}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
46997	935	864	$\frac{1}{54}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{53}{108}$	$\Phi_{864}^2\ \Phi_{288}^2\ \Phi_{108}\ \Phi_{96}^2\ \Phi_{36}\ \Phi_{32}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
46998	935	216	$\frac{1}{54}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{53}{108}$	$\Phi_{216}^4\ \Phi_{108}^5\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{36}^5\ \Phi_{27}^4\ \Phi_{24}^5\ \Phi_{18}^4\ \Phi_{12}^6\ \Phi_9^4\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
46999	935	540	$\frac{1}{54}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{53}{108}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
47000	935	936	$\frac{1}{18}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{936}^2\ \Phi_{312}^2\ \Phi_{104}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
47001	935	1824	$\frac{2}{57}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{57}\ \Phi_{32}\ \Phi_{19}\ \Phi_1$
47002	935	2592	$\frac{1}{27}$	$\frac{1}{16}$	$\frac{26}{81}$	$\frac{15}{32}$	$\Phi_{2592}\ \Phi_{81}\ \Phi_{32}\ \Phi_1$
47003	935	288	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{17}{72}$	$\frac{15}{32}$	$\Phi_{288}^6\ \Phi_{96}^6\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}^7\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
47004	935	864	$\frac{1}{16}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{15}{32}$	$\Phi_{864}^2\ \Phi_{288}^2\ \Phi_{96}^2\ \Phi_{32}^3\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^3$
47005	935	96	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{96}^{18}\ \Phi_{32}^{19}\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
47006	935	2016	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{15}{32}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{224}\ \Phi_{63}\ \Phi_{32}\ \Phi_{21}\ \Phi_7\ \Phi_1$
47007	935	1740	$\frac{2}{87}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1740}\ \Phi_{580}\ \Phi_{348}\ \Phi_{116}\ \Phi_{87}\ \Phi_{29}\ \Phi_{20}\ \Phi_4\ \Phi_1$
47008	935	1260	$\frac{1}{42}$	$\frac{1}{10}$	$\frac{41}{126}$	$\frac{9}{20}$	$\Phi_{1260}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{126}\ \Phi_{63}\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
47009	935	440	$\frac{3}{88}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{440}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{88}^3\ \Phi_{55}^2\ \Phi_{44}^3\ \Phi_{40}^2\ \Phi_{22}^3\ \Phi_{20}\ \Phi_{11}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
47010	935	560	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{27}{112}$	$\frac{9}{20}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{112}^3\ \Phi_{80}^2\ \Phi_{56}^3\ \Phi_{40}^2\ \Phi_{20}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
47011	935	420	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{4}{21}$	$\frac{9}{20}$	$\Phi_{420}^4\ \Phi_{140}^4\ \Phi_{84}^4\ \Phi_{60}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^5\ \Phi_{12}^4\ \Phi_7^4\ \Phi_4^5\ \Phi_3^4\ \Phi_1^5$
47012	935	180	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{180}^{10}\ \Phi_{60}^8\ \Phi_{36}^{10}\ \Phi_{20}^9\ \Phi_{18}^5\ \Phi_{12}^8\ \Phi_9^5\ \Phi_6^4\ \Phi_4^9\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
47013	935	1820	$\frac{6}{91}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{1820}\ \Phi_{364}\ \Phi_{260}\ \Phi_{91}\ \Phi_{52}\ \Phi_{20}\ \Phi_{13}\ \Phi_4\ \Phi_1$
47014	935	980	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{98}$	$\frac{9}{20}$	$\Phi_{980}^2\ \Phi_{196}^2\ \Phi_{98}\ \Phi_{49}\ \Phi_{20}\ \Phi_4\ \Phi_1$
47015	935	480	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{96}$	$\frac{9}{20}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^3\ \Phi_{80}^2\ \Phi_{48}^3\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
47016	935	882	$\frac{1}{18}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{882}\ \Phi_{441}\ \Phi_{294}\ \Phi_{147}\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{49}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
47017	935	576	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{64}\ \Phi_{36}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
47018	935	840	$\frac{1}{56}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
47019	935	288	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{288}^6\ \Phi_{96}^5\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{32}^5\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
47020	935	168	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{168}^6\ \Phi_{84}^6\ \Phi_{56}^5\ \Phi_{42}^6\ \Phi_{28}^5\ \Phi_{24}^5\ \Phi_{21}^6\ \Phi_{14}^5\ \Phi_{12}^6\ \Phi_8^4\ \Phi_7^5\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
47021	935	774	$\frac{1}{86}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{774}\ \Phi_{387}\ \Phi_{258}^2\ \Phi_{129}^2\ \Phi_{86}\ \Phi_{43}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
47022	935	1512	$\frac{2}{189}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{27}\ \Phi_{21}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
47023	935	2232	$\frac{1}{93}$	$\frac{1}{4}$	$\frac{92}{279}$	$\frac{3}{8}$	$\Phi_{2232}\ \Phi_{279}\ \Phi_{72}\ \Phi_9\ \Phi_8\ \Phi_1$
47024	935	688	$\frac{1}{86}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{688}^2\ \Phi_{172}^2\ \Phi_{86}\ \Phi_{43}\ \Phi_{16}\ \Phi_4\ \Phi_1$
47025	935	248	$\frac{1}{62}$	$\frac{61}{248}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{248}^3\ \Phi_{124}^5\ \Phi_{62}^4\ \Phi_{31}^4\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
47026	935	192	$\frac{5}{192}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{192}^5\ \Phi_{96}^5\ \Phi_{64}^5\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{24}^3\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
47027	935	1736	$\frac{1}{31}$	$\frac{30}{217}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1736}\ \Phi_{217}\ \Phi_{56}\ \Phi_8\ \Phi_7\ \Phi_1$
47028	935	744	$\frac{5}{93}$	$\frac{8}{93}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{744}^2\ \Phi_{248}^2\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{24}^2\ \Phi_8^3\ \Phi_3^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
47029	935	72	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^{22}\ \Phi_{36}^{6}\ \Phi_{24}^{18}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{19}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
47030	935	252	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{252}^{6}\ \Phi_{126}^{2}\ \Phi_{84}^{5}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{6}\ \Phi_{28}^{5}\ \Phi_{21}^{2}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}^{5}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}^{5}\ \Phi_{3}\ \Phi_{1}$
47031	935	282	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{46}{141}$	$\frac{95}{282}$	$\Phi_{282}^{3}\ \Phi_{141}^{4}\ \Phi_{94}^{3}\ \Phi_{47}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
47032	935	456	$\frac{2}{57}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{456}^{2}\ \Phi_{228}^{2}\ \Phi_{152}^{2}\ \Phi_{114}^{2}\ \Phi_{76}^{2}\ \Phi_{57}^{3}\ \Phi_{38}^{2}\ \Phi_{24}\ \Phi_{19}^{3}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
47033	935	435	$\frac{2}{87}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{435}^{2}\ \Phi_{145}^{2}\ \Phi_{87}^{3}\ \Phi_{29}^{3}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
47034	935	1140	$\frac{2}{57}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{95}\ \Phi_{57}\ \Phi_{20}\ \Phi_{19}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
47035	935	630	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{41}{126}$	$\Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{126}^{3}\ \Phi_{90}^{2}\ \Phi_{63}^{3}\ \Phi_{45}^{2}\ \Phi_{18}^{3}\ \Phi_{15}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$
47036	935	276	$\frac{3}{92}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{89}{276}$	$\Phi_{276}^{3}\ \Phi_{138}^{3}\ \Phi_{92}^{4}\ \Phi_{69}^{3}\ \Phi_{46}^{4}\ \Phi_{23}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
47037	935	648	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{26}{81}$	$\Phi_{648}^{2}\ \Phi_{324}^{2}\ \Phi_{162}^{2}\ \Phi_{81}^{3}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
47038	935	1620	$\frac{1}{27}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{26}{81}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{81}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
47039	935	72	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{72}^{13}\ \Phi_{36}^{13}\ \Phi_{24}^{14}\ \Phi_{18}^{12}\ \Phi_{12}^{14}\ \Phi_{9}^{12}\ \Phi_{8}^{13}\ \Phi_{6}^{13}\ \Phi_{4}^{13}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
47040	935	216	$\frac{2}{27}$	$\frac{1}{8}$	$\frac{5}{27}$	$\frac{7}{24}$	$\Phi_{216}^{4}\ \Phi_{108}^{4}\ \Phi_{72}^{4}\ \Phi_{54}^{4}\ \Phi_{36}^{4}\ \Phi_{27}^{6}\ \Phi_{24}^{5}\ \Phi_{18}^{4}\ \Phi_{12}^{5}\ \Phi_{9}^{6}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{7}\ \Phi_{2}^{4}\ \Phi_{1}^{7}$
47041	935	24	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{24}^{37}\ \Phi_{12}^{42}\ \Phi_{8}^{36}\ \Phi_{6}^{41}\ \Phi_{4}^{41}\ \Phi_{3}^{41}\ \Phi_{2}^{40}\ \Phi_{1}^{41}$
47042	935	504	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{63}$	$\frac{7}{24}$	$\Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{168}^{2}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{63}^{3}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{7}^{3}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
47043	935	126	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{126}^{8}\ \Phi_{63}^{8}\ \Phi_{42}^{8}\ \Phi_{21}^{8}\ \Phi_{18}^{7}\ \Phi_{14}^{3}\ \Phi_{9}^{7}\ \Phi_{7}^{5}\ \Phi_{6}^{7}\ \Phi_{3}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{5}$
47044	935	1320	$\frac{3}{88}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
47045	935	1680	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{27}{112}$	$\frac{4}{15}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{336}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
47046	935	105	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{105}^{8}\ \Phi_{35}^{8}\ \Phi_{21}^{12}\ \Phi_{15}^{9}\ \Phi_{7}^{12}\ \Phi_{5}^{8}\ \Phi_{3}^{13}\ \Phi_{1}^{13}$
47047	935	90	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{90}^{10}\ \Phi_{45}^{10}\ \Phi_{30}^{8}\ \Phi_{18}^{15}\ \Phi_{15}^{9}\ \Phi_{10}^{8}\ \Phi_{9}^{15}\ \Phi_{6}^{12}\ \Phi_{5}^{8}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
47048	935	1365	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1365}\ \Phi_{273}\ \Phi_{195}\ \Phi_{91}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}$
47049	935	1470	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{294}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
47050	935	480	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{480}^{2}\ \Phi_{240}^{2}\ \Phi_{160}^{2}\ \Phi_{120}^{2}\ \Phi_{96}^{3}\ \Phi_{80}^{2}\ \Phi_{48}^{3}\ \Phi_{40}^{2}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{15}\ \Phi_{8}^{3}\ \Phi_{3}\ \Phi_{1}$
47051	935	360	$\frac{1}{18}$	$\frac{3}{20}$	$\frac{17}{72}$	$\frac{1}{4}$	$\Phi_{360}^{4}\ \Phi_{180}^{2}\ \Phi_{120}^{4}\ \Phi_{90}^{2}\ \Phi_{72}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{4}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{24}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{3}\ \Phi_{8}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
47052	935	540	$\frac{2}{27}$	$\frac{3}{20}$	$\frac{5}{27}$	$\frac{1}{4}$	$\Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{180}^{2}\ \Phi_{135}^{2}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{27}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
47053	935	60	$\frac{1}{12}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{60}^{18}\ \Phi_{30}^{18}\ \Phi_{20}^{19}\ \Phi_{15}^{18}\ \Phi_{12}^{5}\ \Phi_{10}^{19}\ \Phi_{6}^{4}\ \Phi_{5}^{19}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
47054	935	1260	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{35}\ \Phi_{21}\ \Phi_{20}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
47055	936	699	$\frac{1}{233}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{116}{233}$	$\Phi_{699}\ \Phi_{233}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
47056	936	187	$\frac{1}{187}$	$\frac{47}{187}$	$\frac{70}{187}$	$\frac{93}{187}$	$\Phi_{187}^{5}\ \Phi_{17}^{5}\ \Phi_{11}^{5}\ \Phi_{1}^{6}$
47057	936	1407	$\frac{3}{469}$	$\frac{118}{469}$	$\frac{1}{3}$	$\frac{233}{469}$	$\Phi_{1407}\ \Phi_{201}\ \Phi_{21}$
47058	936	155	$\frac{1}{155}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{77}{155}$	$\Phi_{155}^{6}\ \Phi_{31}^{6}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
47059	936	1860	$\frac{1}{155}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{77}{155}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{372}\ \Phi_{186}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
47060	936	935	$\frac{7}{935}$	$\frac{157}{935}$	$\frac{389}{935}$	$\frac{464}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
47061	936	1624	$\frac{1}{116}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{115}{232}$	$\Phi_{1624}\ \Phi_{232}^{2}\ \Phi_{56}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
47062	936	3480	$\frac{1}{116}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{115}{232}$	$\Phi_{3480}\ \Phi_{120}\ \Phi_{15}$
47063	936	1252	$\frac{3}{313}$	$\frac{1}{4}$	$\frac{79}{313}$	$\frac{155}{313}$	$\Phi_{1252}\ \Phi_{626}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
47064	936	935	$\frac{9}{935}$	$\frac{233}{935}$	$\frac{236}{935}$	$\frac{463}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
47065	936	1648	$\frac{1}{103}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{51}{103}$	$\Phi_{1648}\ \Phi_{103}\ \Phi_{16}^2\ \Phi_1^2$
47066	936	412	$\frac{1}{103}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{51}{103}$	$\Phi_{412}^2\ \Phi_{206}^2\ \Phi_{103}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
47067	936	1407	$\frac{5}{469}$	$\frac{79}{469}$	$\frac{1}{3}$	$\frac{232}{469}$	$\Phi_{1407}\ \Phi_{201}\ \Phi_{21}$
47068	936	425	$\frac{1}{85}$	$\frac{43}{425}$	$\frac{191}{425}$	$\frac{42}{85}$	$\Phi_{425}^2\ \Phi_{85}^3\ \Phi_{25}^2\ \Phi_{17}^3\ \Phi_5^3\ \Phi_1^4$
47069	936	77	$\frac{1}{77}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{38}{77}$	$\Phi_{77}^{12}\ \Phi_{11}^{13}\ \Phi_7^{12}\ \Phi_1^{14}$
47070	936	231	$\frac{1}{77}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{38}{77}$	$\Phi_{231}^6\ \Phi_{33}^6\ \Phi_{21}^7\ \Phi_3^6$
47071	936	77	$\frac{1}{77}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{38}{77}$	$\Phi_{77}^{12}\ \Phi_{11}^{13}\ \Phi_7^{12}\ \Phi_1^{14}$
47072	936	1540	$\frac{1}{77}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{38}{77}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{220}\ \Phi_{140}\ \Phi_{110}\ \Phi_{70}\ \Phi_{20}^2\ \Phi_{10}^2$
47073	936	935	$\frac{13}{935}$	$\frac{79}{935}$	$\frac{428}{935}$	$\frac{461}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
47074	936	935	$\frac{13}{935}$	$\frac{158}{935}$	$\frac{259}{935}$	$\frac{461}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
47075	936	1704	$\frac{1}{71}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{35}{71}$	$\Phi_{1704}\ \Phi_{568}\ \Phi_{71}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
47076	936	1065	$\frac{1}{71}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{35}{71}$	$\Phi_{1065}\ \Phi_{355}\ \Phi_{71}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
47077	936	1278	$\frac{1}{71}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{35}{71}$	$\Phi_{1278}\ \Phi_{639}\ \Phi_{71}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
47078	936	1136	$\frac{1}{71}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{35}{71}$	$\Phi_{1136}\ \Phi_{568}\ \Phi_{71}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
47079	936	402	$\frac{1}{67}$	$\frac{17}{134}$	$\frac{1}{3}$	$\frac{33}{67}$	$\Phi_{402}^4\ \Phi_{201}^3\ \Phi_6^4\ \Phi_3^2$
47080	936	1252	$\frac{5}{313}$	$\frac{53}{313}$	$\frac{1}{4}$	$\frac{154}{313}$	$\Phi_{1252}\ \Phi_{626}$
47081	936	230	$\frac{2}{115}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{113}{230}$	$\Phi_{230}^8\ \Phi_{46}^8\ \Phi_{10}^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
47082	936	220	$\frac{1}{55}$	$\frac{7}{110}$	$\frac{103}{220}$	$\frac{27}{55}$	$\Phi_{220}^8\ \Phi_{55}\ \Phi_{44}^8\ \Phi_{20}^8\ \Phi_{11}\ \Phi_5\ \Phi_4^8\ \Phi_1^2$
47083	936	55	$\frac{1}{55}$	$\frac{7}{55}$	$\frac{16}{55}$	$\frac{27}{55}$	$\Phi_{55}^{17}\ \Phi_{11}^{17}\ \Phi_5^{17}\ \Phi_1^{18}$
47084	936	275	$\frac{1}{55}$	$\frac{41}{275}$	$\frac{14}{55}$	$\frac{27}{55}$	$\Phi_{275}^4\ \Phi_{55}\ \Phi_{25}^4\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
47085	936	1099	$\frac{3}{157}$	$\frac{1}{7}$	$\frac{40}{157}$	$\frac{77}{157}$	Φ_{1099}
47086	936	51	$\frac{1}{51}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{25}{51}$	$\Phi_{51}^{18}\ \Phi_{17}^{19}\ \Phi_3^{18}\ \Phi_1^{20}$
47087	936	510	$\frac{1}{51}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{510}^2\ \Phi_{255}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{34}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_2^2$
47088	936	51	$\frac{1}{51}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{25}{51}$	$\Phi_{51}^{18}\ \Phi_{17}^{19}\ \Phi_3^{18}\ \Phi_1^{20}$
47089	936	1428	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{25}{51}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{238}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
47090	936	935	$\frac{19}{935}$	$\frac{53}{935}$	$\frac{441}{935}$	$\frac{458}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
47091	936	935	$\frac{19}{935}$	$\frac{159}{935}$	$\frac{194}{935}$	$\frac{458}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
47092	936	235	$\frac{1}{47}$	$\frac{8}{47}$	$\frac{1}{5}$	$\frac{23}{47}$	$\Phi_{235}^5\ \Phi_5^4$
47093	936	1252	$\frac{7}{313}$	$\frac{40}{313}$	$\frac{1}{4}$	$\frac{153}{313}$	$\Phi_{1252}\ \Phi_{626}$
47094	936	935	$\frac{21}{935}$	$\frac{116}{935}$	$\frac{239}{935}$	$\frac{457}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
47095	936	1407	$\frac{11}{469}$	$\frac{40}{469}$	$\frac{1}{3}$	$\frac{229}{469}$	$\Phi_{1407}\ \Phi_{201}\ \Phi_{21}$
47096	936	1748	$\frac{1}{38}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{37}{76}$	$\Phi_{1748}\ \Phi_{92}\ \Phi_{76}^2\ \Phi_{23}\ \Phi_4^2\ \Phi_1^2$
47097	936	2964	$\frac{1}{38}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{2964}\ \Phi_{156}\ \Phi_{39}$
47098	936	1748	$\frac{1}{38}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{37}{76}$	$\Phi_{1748}\ \Phi_{92}\ \Phi_{76}^2\ \Phi_{23}\ \Phi_4^2\ \Phi_1^2$
47099	936	684	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{37}{76}$	$\Phi_{684}\ \Phi_{342}^2\ \Phi_{228}\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{36}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
47100	936	1748	$\frac{1}{38}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{37}{76}$	$\Phi_{1748}\ \Phi_{92}\ \Phi_{76}^2\ \Phi_{23}\ \Phi_4^2\ \Phi_1^2$
47101	936	2660	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{37}{76}$	$\Phi_{2660}\ \Phi_{140}\ \Phi_{35}$
47102	936	187	$\frac{5}{187}$	$\frac{16}{187}$	$\frac{57}{187}$	$\frac{91}{187}$	$\Phi_{187}^5\ \Phi_{17}^5\ \Phi_{11}^5\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
47103	936	187	$\frac{5}{187}$	$\frac{31}{187}$	$\frac{32}{187}$	$\frac{91}{187}$	$\Phi_{187}^{5}\ \Phi_{17}^{5}\ \Phi_{11}^{5}\ \Phi_{1}^{6}$
47104	936	175	$\frac{1}{35}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{17}{35}$	$\Phi_{175}^{5}\ \Phi_{35}^{6}\ \Phi_{25}^{6}\ \Phi_{7}^{6}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
47105	936	210	$\frac{1}{35}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{210}^{7}\ \Phi_{105}^{6}\ \Phi_{42}^{8}\ \Phi_{30}^{7}\ \Phi_{21}^{7}\ \Phi_{15}^{6}\ \Phi_{6}^{8}\ \Phi_{3}^{6}$
47106	936	70	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{9}{35}$	$\frac{17}{35}$	$\Phi_{70}^{15}\ \Phi_{35}^{12}\ \Phi_{14}^{15}\ \Phi_{10}^{14}\ \Phi_{7}^{12}\ \Phi_{5}^{11}\ \Phi_{2}^{14}\ \Phi_{1}^{12}$
47107	936	105	$\frac{1}{35}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{17}{35}$	$\Phi_{105}^{10}\ \Phi_{35}^{6}\ \Phi_{21}^{10}\ \Phi_{15}^{12}\ \Phi_{7}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{12}\ \Phi_{1}^{8}$
47108	936	935	$\frac{27}{935}$	$\frac{37}{935}$	$\frac{449}{935}$	$\frac{454}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
47109	936	1099	$\frac{5}{157}$	$\frac{1}{7}$	$\frac{27}{157}$	$\frac{76}{157}$	Φ_{1099}
47110	936	935	$\frac{31}{935}$	$\frac{129}{935}$	$\frac{161}{935}$	$\frac{452}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
47111	936	1252	$\frac{11}{313}$	$\frac{27}{313}$	$\frac{1}{4}$	$\frac{151}{313}$	$\Phi_{1252}\ \Phi_{626}$
47112	936	85	$\frac{3}{85}$	$\frac{7}{85}$	$\frac{22}{85}$	$\frac{41}{85}$	$\Phi_{85}^{11}\ \Phi_{17}^{11}\ \Phi_{5}^{11}\ \Phi_{1}^{12}$
47113	936	1407	$\frac{17}{469}$	$\frac{27}{469}$	$\frac{1}{3}$	$\frac{226}{469}$	$\Phi_{1407}\ \Phi_{201}\ \Phi_{21}$
47114	936	1425	$\frac{1}{25}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{1425}\ \Phi_{285}\ \Phi_{57}^{2}$
47115	936	175	$\frac{1}{25}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{12}{25}$	$\Phi_{175}^{5}\ \Phi_{35}^{6}\ \Phi_{25}^{6}\ \Phi_{7}^{6}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
47116	936	1300	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{260}\ \Phi_{130}\ \Phi_{52}^{2}\ \Phi_{26}^{2}$
47117	936	175	$\frac{1}{25}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{12}{25}$	$\Phi_{175}^{5}\ \Phi_{35}^{6}\ \Phi_{25}^{6}\ \Phi_{7}^{6}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
47118	936	50	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{50}^{20}\ \Phi_{25}^{16}\ \Phi_{10}^{24}\ \Phi_{5}^{19}\ \Phi_{2}^{24}\ \Phi_{1}^{20}$
47119	936	175	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{12}{25}$	$\Phi_{175}^{5}\ \Phi_{35}^{5}\ \Phi_{25}^{6}\ \Phi_{7}^{10}\ \Phi_{5}^{6}\ \Phi_{1}^{12}$
47120	936	1022	$\frac{3}{73}$	$\frac{1}{14}$	$\frac{19}{73}$	$\frac{35}{73}$	$\Phi_{1022}\ \Phi_{511}\ \Phi_{146}$
47121	936	437	$\frac{1}{23}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{11}{23}$	$\Phi_{437}^{2}\ \Phi_{23}^{3}\ \Phi_{19}^{4}\ \Phi_{1}^{6}$
47122	936	644	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{644}^{2}\ \Phi_{322}\ \Phi_{161}\ \Phi_{92}\ \Phi_{28}^{4}\ \Phi_{23}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
47123	936	630	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{11}{63}$	$\frac{10}{21}$	$\Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{210}\ \Phi_{126}^{2}\ \Phi_{105}\ \Phi_{90}^{2}\ \Phi_{70}\ \Phi_{45}^{2}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{18}^{2}$ $\Phi_{15}\ \Phi_{14}\ \Phi_{6}$
47124	936	99	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{47}{99}$	$\Phi_{99}^{9}\ \Phi_{33}^{9}\ \Phi_{11}^{13}\ \Phi_{9}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{14}$
47125	936	935	$\frac{41}{935}$	$\frac{49}{935}$	$\frac{298}{935}$	$\frac{443}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
47126	936	935	$\frac{49}{935}$	$\frac{53}{935}$	$\frac{246}{935}$	$\frac{443}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
47127	936	1407	$\frac{19}{469}$	$\frac{25}{469}$	$\frac{1}{3}$	$\frac{222}{469}$	$\Phi_{1407}\ \Phi_{201}\ \Phi_{21}$
47128	936	1007	$\frac{1}{19}$	$\frac{3}{53}$	$\frac{14}{53}$	$\frac{25}{53}$	Φ_{1007}
47129	936	935	$\frac{38}{935}$	$\frac{53}{935}$	$\frac{299}{935}$	$\frac{441}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
47130	936	459	$\frac{1}{27}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{459}^{2}\ \Phi_{153}^{2}\ \Phi_{51}\ \Phi_{27}^{4}\ \Phi_{17}^{2}\ \Phi_{9}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
47131	936	17	$\frac{1}{17}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{8}{17}$	$\Phi_{17}^{55}\ \Phi_{1}^{56}$
47132	936	1190	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{170}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{10}^{2}$
47133	936	85	$\frac{1}{17}$	$\frac{7}{85}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{85}^{12}\ \Phi_{17}^{7}\ \Phi_{5}^{12}\ \Phi_{1}^{8}$
47134	936	490	$\frac{3}{49}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{23}{49}$	$\Phi_{490}^{2}\ \Phi_{245}^{2}\ \Phi_{98}^{2}\ \Phi_{70}^{3}\ \Phi_{35}^{3}\ \Phi_{14}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}$
47135	936	1027	$\frac{5}{79}$	$\frac{1}{13}$	$\frac{14}{79}$	$\frac{37}{79}$	Φ_{1027}
47136	936	220	$\frac{3}{55}$	$\frac{7}{110}$	$\frac{13}{55}$	$\frac{103}{220}$	$\Phi_{220}^{8}\ \Phi_{55}\ \Phi_{44}^{8}\ \Phi_{20}^{8}\ \Phi_{11}\ \Phi_{5}\ \Phi_{4}^{8}\ \Phi_{1}^{2}$
47137	936	935	$\frac{61}{935}$	$\frac{83}{935}$	$\frac{142}{935}$	$\frac{437}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
47138	936	30	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{7}{15}$	$\Phi_{30}^{35}\ \Phi_{15}^{28}\ \Phi_{10}^{34}\ \Phi_{6}^{35}\ \Phi_{5}^{27}\ \Phi_{3}^{28}\ \Phi_{2}^{34}\ \Phi_{1}^{28}$
47139	936	1022	$\frac{5}{73}$	$\frac{1}{14}$	$\frac{13}{73}$	$\frac{34}{73}$	$\Phi_{1022}\ \Phi_{511}\ \Phi_{146}$
47140	936	187	$\frac{13}{187}$	$\frac{18}{187}$	$\frac{25}{187}$	$\frac{87}{187}$	$\Phi_{187}^{5}\ \Phi_{17}^{5}\ \Phi_{11}^{5}\ \Phi_{1}^{6}$
47141	936	1099	$\frac{11}{157}$	$\frac{14}{157}$	$\frac{1}{7}$	$\frac{73}{157}$	Φ_{1099}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
47142	936	935	$\frac{64}{935}$	$\frac{67}{935}$	$\frac{167}{935}$	$\frac{434}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
47143	936	235	$\frac{14}{235}$	$\frac{17}{235}$	$\frac{1}{5}$	$\frac{109}{235}$	$\Phi_{235}^4\ \Phi_{47}^4\ \Phi_5^3\ \Phi_1^4$
47144	936	1252	$\frac{14}{313}$	$\frac{23}{313}$	$\frac{1}{4}$	$\frac{145}{313}$	$\Phi_{1252}\ \Phi_{626}$
47145	936	935	$\frac{38}{935}$	$\frac{69}{935}$	$\frac{251}{935}$	$\frac{433}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
47146	936	201	$\frac{2}{67}$	$\frac{5}{67}$	$\frac{1}{3}$	$\frac{31}{67}$	$\Phi_{201}^7\ \Phi_3^6$
47147	936	935	$\frac{59}{935}$	$\frac{73}{935}$	$\frac{168}{935}$	$\frac{431}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
47148	936	1252	$\frac{13}{313}$	$\frac{25}{313}$	$\frac{1}{4}$	$\frac{144}{313}$	$\Phi_{1252}\ \Phi_{626}$
47149	936	999	$\frac{1}{27}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{999}\ \Phi_{333}\ \Phi_{111}$
47150	936	888	$\frac{1}{37}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{888}^2\ \Phi_{296}^2\ \Phi_{111}$
47151	936	1704	$\frac{2}{71}$	$\frac{1}{12}$	$\frac{23}{71}$	$\frac{11}{24}$	$\Phi_{1704}\ \Phi_{568}\ \Phi_{71}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
47152	936	600	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{600}^3\ \Phi_{200}^3\ \Phi_{120}^3\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
47153	936	1704	$\frac{3}{71}$	$\frac{1}{12}$	$\frac{17}{71}$	$\frac{11}{24}$	$\Phi_{1704}\ \Phi_{568}\ \Phi_{71}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
47154	936	2280	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{95}$
47155	936	1704	$\frac{5}{71}$	$\frac{1}{12}$	$\frac{11}{71}$	$\frac{11}{24}$	$\Phi_{1704}\ \Phi_{568}\ \Phi_{71}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
47156	936	2184	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{91}$
47157	936	1704	$\frac{1}{12}$	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{11}{24}$	$\Phi_{1704}\ \Phi_{568}\ \Phi_{71}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
47158	936	360	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{11}{24}$	$\Phi_{360}^6\ \Phi_{120}^4\ \Phi_{90}\ \Phi_{72}^3\ \Phi_{45}\ \Phi_{40}^4\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_8^2\ \Phi_6$
47159	936	935	$\frac{39}{935}$	$\frac{79}{935}$	$\frac{224}{935}$	$\frac{428}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
47160	936	1320	$\frac{1}{40}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}^2\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2$
47161	936	77	$\frac{2}{77}$	$\frac{1}{11}$	$\frac{25}{77}$	$\frac{5}{11}$	$\Phi_{77}^{12}\ \Phi_{11}^{13}\ \Phi_7^{12}\ \Phi_1^{14}$
47162	936	121	$\frac{4}{121}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{121}^8\ \Phi_{11}^5\ \Phi_1^6$
47163	936	1188	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}^2\ \Phi_{66}\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
47164	936	154	$\frac{3}{77}$	$\frac{1}{11}$	$\frac{37}{154}$	$\frac{5}{11}$	$\Phi_{154}^8\ \Phi_{77}^4\ \Phi_{22}^8\ \Phi_{14}^8\ \Phi_{11}^5\ \Phi_7^4\ \Phi_2^8\ \Phi_1^6$
47165	936	55	$\frac{3}{55}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{55}^{18}\ \Phi_{11}^{13}\ \Phi_5^{18}\ \Phi_1^{14}$
47166	936	77	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{12}{77}$	$\frac{5}{11}$	$\Phi_{77}^{12}\ \Phi_{11}^{13}\ \Phi_7^{12}\ \Phi_1^{14}$
47167	936	154	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{154}^6\ \Phi_{77}^5\ \Phi_{22}^6\ \Phi_{14}^{12}\ \Phi_{11}^6\ \Phi_7^{10}\ \Phi_2^{12}\ \Phi_1^{12}$
47168	936	539	$\frac{6}{77}$	$\frac{1}{11}$	$\frac{71}{539}$	$\frac{5}{11}$	$\Phi_{539}^2\ \Phi_{49}^2\ \Phi_{11}\ \Phi_1^2$
47169	936	44	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{5}{11}$	$\Phi_{44}^{24}\ \Phi_{22}^{24}\ \Phi_{11}^{13}\ \Phi_4^{24}\ \Phi_2^{24}\ \Phi_1^{14}$
47170	936	1022	$\frac{1}{14}$	$\frac{7}{73}$	$\frac{10}{73}$	$\frac{33}{73}$	$\Phi_{1022}\ \Phi_{511}\ \Phi_{146}$
47171	936	935	$\frac{62}{935}$	$\frac{97}{935}$	$\frac{129}{935}$	$\frac{419}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
47172	936	235	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{1}{5}$	$\frac{21}{47}$	$\Phi_{235}^5\ \Phi_5^4$
47173	936	935	$\frac{26}{935}$	$\frac{101}{935}$	$\frac{259}{935}$	$\frac{417}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
47174	936	1407	$\frac{10}{469}$	$\frac{51}{469}$	$\frac{1}{3}$	$\frac{209}{469}$	$\Phi_{1407}\ \Phi_{201}\ \Phi_{21}$
47175	936	666	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{666}^2\ \Phi_{333}\ \Phi_{222}^2\ \Phi_{111}\ \Phi_{74}^2$
47176	936	187	$\frac{4}{187}$	$\frac{21}{187}$	$\frac{61}{187}$	$\frac{83}{187}$	$\Phi_{187}^5\ \Phi_{17}^5\ \Phi_{11}^5\ \Phi_1^6$
47177	936	350	$\frac{1}{25}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{350}^5\ \Phi_{70}^4\ \Phi_{50}^5\ \Phi_{25}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
47178	936	136	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{19}{136}$	$\frac{15}{34}$	$\Phi_{136}^8\ \Phi_{68}^8\ \Phi_{17}^7\ \Phi_8^8\ \Phi_4^8\ \Phi_1^8$
47179	936	200	$\frac{1}{40}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{200}^5\ \Phi_{100}^5\ \Phi_{50}^5\ \Phi_{40}^4\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
47180	936	833	$\frac{1}{17}$	$\frac{103}{833}$	$\frac{16}{119}$	$\frac{365}{833}$	$\Phi_{833}\ \Phi_{119}^2\ \Phi_{49}\ \Phi_{17}\ \Phi_7^2\ \Phi_1^2$
47181	936	2544	$\frac{1}{53}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2544}\ \Phi_{159}$
47182	936	1648	$\frac{3}{103}$	$\frac{1}{8}$	$\frac{25}{103}$	$\frac{7}{16}$	$\Phi_{1648}\ \Phi_{103}\ \Phi_{16}^2\ \Phi_1^2$
47183	936	2160	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{240}\ \Phi_{135}\ \Phi_{45}\ \Phi_{15}$
47184	936	400	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{400}^2\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{80}^2\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^2$
47185	936	1648	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1648}\ \Phi_{103}\ \Phi_{16}^2\ \Phi_1^2$
47186	936	1008	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{144}\ \Phi_{126}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_6$
47187	936	85	$\frac{7}{85}$	$\frac{8}{85}$	$\frac{11}{85}$	$\frac{37}{85}$	$\Phi_{85}^{11}\ \Phi_{17}^{11}\ \Phi_5^{11}\ \Phi_1^{12}$
47188	936	275	$\frac{1}{55}$	$\frac{37}{275}$	$\frac{18}{55}$	$\frac{119}{275}$	$\Phi_{275}^3\ \Phi_{55}^5\ \Phi_{25}^3\ \Phi_{11}^5\ \Phi_5^5\ \Phi_1^6$
47189	936	999	$\frac{1}{27}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{999}\ \Phi_{333}\ \Phi_{111}$
47190	936	935	$\frac{41}{935}$	$\frac{131}{935}$	$\frac{149}{935}$	$\frac{402}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
47191	936	357	$\frac{2}{119}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{357}^4\ \Phi_{51}^4\ \Phi_{21}^3\ \Phi_3^2$
47192	936	406	$\frac{1}{58}$	$\frac{1}{7}$	$\frac{19}{58}$	$\frac{3}{7}$	$\Phi_{406}^2\ \Phi_{203}^2\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_{14}^2\ \Phi_7^3\ \Phi_2^4\ \Phi_1^6$
47193	936	280	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{280}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}^6\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^6\ \Phi_{14}^2\ \Phi_{10}^6\ \Phi_8^6\ \Phi_7^3\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
47194	936	1015	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{28}{145}$	$\frac{3}{7}$	$\Phi_{1015}\ \Phi_{145}^2\ \Phi_{35}\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
47195	936	203	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{203}^4\ \Phi_{29}^8\ \Phi_7^5\ \Phi_1^{10}$
47196	936	70	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{70}^{15}\ \Phi_{35}^{15}\ \Phi_{14}^7\ \Phi_{10}^{14}\ \Phi_7^8\ \Phi_5^{14}\ \Phi_2^6\ \Phi_1^8$
47197	936	68	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{5}{34}$	$\frac{29}{68}$	$\Phi_{68}^{24}\ \Phi_{17}^7\ \Phi_4^{24}\ \Phi_1^8$
47198	936	1022	$\frac{1}{14}$	$\frac{7}{73}$	$\frac{11}{73}$	$\frac{31}{73}$	$\Phi_{1022}\ \Phi_{511}\ \Phi_{146}$
47199	936	187	$\frac{13}{187}$	$\frac{18}{187}$	$\frac{29}{187}$	$\frac{79}{187}$	$\Phi_{187}^5\ \Phi_{17}^5\ \Phi_{11}^5\ \Phi_1^6$
47200	936	90	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{7}{45}$	$\frac{19}{45}$	$\Phi_{90}^{10}\ \Phi_{45}^8\ \Phi_{30}^{15}\ \Phi_{18}^{10}\ \Phi_{15}^{12}\ \Phi_{10}^{14}\ \Phi_9^8\ \Phi_6^{15}\ \Phi_5^{11}\ \Phi_3^{12}\ \Phi_2^{14}\ \Phi_1^{12}$
47201	936	1099	$\frac{7}{157}$	$\frac{1}{7}$	$\frac{25}{157}$	$\frac{66}{157}$	Φ_{1099}
47202	936	935	$\frac{29}{935}$	$\frac{151}{935}$	$\frac{181}{935}$	$\frac{392}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
47203	936	1252	$\frac{7}{313}$	$\frac{51}{313}$	$\frac{1}{4}$	$\frac{131}{313}$	$\Phi_{1252}\ \Phi_{626}$
47204	936	55	$\frac{1}{55}$	$\frac{9}{55}$	$\frac{16}{55}$	$\frac{23}{55}$	$\Phi_{55}^{17}\ \Phi_{11}^{17}\ \Phi_5^{17}\ \Phi_1^{18}$
47205	936	201	$\frac{1}{67}$	$\frac{11}{67}$	$\frac{1}{3}$	$\frac{28}{67}$	$\Phi_{201}^7\ \Phi_3^6$
47206	936	935	$\frac{14}{935}$	$\frac{157}{935}$	$\frac{307}{935}$	$\frac{389}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
47207	936	119	$\frac{2}{119}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{119}^8\ \Phi_{17}^7\ \Phi_7^8\ \Phi_1^8$
47208	936	154	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{154}^{11}\ \Phi_{77}^2\ \Phi_{22}^6\ \Phi_{14}^{11}\ \Phi_{11}\ \Phi_7^2\ \Phi_2^6\ \Phi_1^2$
47209	936	1185	$\frac{1}{79}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1185}\ \Phi_{237}^2$
47210	936	155	$\frac{2}{155}$	$\frac{1}{5}$	$\frac{51}{155}$	$\frac{2}{5}$	$\Phi_{155}^6\ \Phi_{31}^6\ \Phi_5^7\ \Phi_1^8$
47211	936	1060	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1060}\ \Phi_{530}\ \Phi_{212}^2\ \Phi_{106}^2$
47212	936	155	$\frac{3}{155}$	$\frac{1}{5}$	$\frac{38}{155}$	$\frac{2}{5}$	$\Phi_{155}^6\ \Phi_{31}^6\ \Phi_5^7\ \Phi_1^8$
47213	936	40	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{40}^{24}\ \Phi_{20}^{24}\ \Phi_{10}^{24}\ \Phi_8^{24}\ \Phi_5^{19}\ \Phi_4^{24}\ \Phi_2^{24}\ \Phi_1^{20}$
47214	936	155	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{155}^5\ \Phi_{31}^{10}\ \Phi_5^6\ \Phi_1^{12}$
47215	936	945	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{21}^2$
47216	936	110	$\frac{3}{55}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{110}^{10}\ \Phi_{55}^8\ \Phi_{22}^{10}\ \Phi_{11}^8\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
47217	936	155	$\frac{11}{155}$	$\frac{12}{155}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{155}^6\ \Phi_{31}^6\ \Phi_5^7\ \Phi_1^8$
47218	936	910	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{910}\ \Phi_{455}\ \Phi_{182}^2\ \Phi_{130}\ \Phi_{91}^2\ \Phi_{26}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
47219	936	1600	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
47220	936	85	$\frac{1}{85}$	$\frac{19}{85}$	$\frac{28}{85}$	$\frac{33}{85}$	$\Phi_{85}^{11}\ \Phi_{17}^{11}\ \Phi_{5}^{11}\ \Phi_{1}^{12}$
47221	936	85	$\frac{4}{85}$	$\frac{9}{85}$	$\frac{19}{85}$	$\frac{33}{85}$	$\Phi_{85}^{11}\ \Phi_{17}^{11}\ \Phi_{5}^{11}\ \Phi_{1}^{12}$
47222	936	1027	$\frac{1}{79}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{1027}
47223	936	935	$\frac{64}{935}$	$\frac{67}{935}$	$\frac{217}{935}$	$\frac{359}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
47224	936	1022	$\frac{5}{73}$	$\frac{1}{14}$	$\frac{17}{73}$	$\frac{28}{73}$	$\Phi_{1022}\ \Phi_{511}\ \Phi_{146}$
47225	936	210	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{5}{21}$	$\frac{8}{21}$	$\Phi_{210}^{5}\ \Phi_{105}^{5}\ \Phi_{70}^{5}\ \Phi_{42}^{5}\ \Phi_{35}^{5}\ \Phi_{30}^{5}\ \Phi_{15}^{5}\ \Phi_{14}^{5}\ \Phi_{10}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{4}\ \Phi_{2}^{4}$
47226	936	940	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{23}{94}$	$\frac{71}{188}$	$\Phi_{940}^{2}\ \Phi_{235}\ \Phi_{20}^{2}$
47227	936	935	$\frac{19}{935}$	$\frac{194}{935}$	$\frac{229}{935}$	$\frac{353}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
47228	936	1252	$\frac{5}{313}$	$\frac{77}{313}$	$\frac{1}{4}$	$\frac{118}{313}$	$\Phi_{1252}\ \Phi_{626}$
47229	936	170	$\frac{1}{85}$	$\frac{21}{85}$	$\frac{53}{170}$	$\frac{32}{85}$	$\Phi_{170}^{8}\ \Phi_{85}^{3}\ \Phi_{34}^{8}\ \Phi_{17}^{3}\ \Phi_{10}^{8}\ \Phi_{5}^{3}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
47230	936	187	$\frac{3}{187}$	$\frac{46}{187}$	$\frac{47}{187}$	$\frac{70}{187}$	$\Phi_{187}^{5}\ \Phi_{17}^{5}\ \Phi_{11}^{5}\ \Phi_{1}^{6}$
47231	936	1007	$\frac{1}{53}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	Φ_{1007}
47232	936	935	$\frac{23}{935}$	$\frac{152}{935}$	$\frac{261}{935}$	$\frac{337}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
47233	936	200	$\frac{1}{40}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{200}^{5}\ \Phi_{100}^{5}\ \Phi_{50}^{5}\ \Phi_{40}^{4}\ \Phi_{25}^{4}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
47234	936	999	$\frac{1}{27}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{999}\ \Phi_{333}\ \Phi_{111}$
47235	936	100	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{100}^{15}\ \Phi_{50}^{5}\ \Phi_{25}^{4}\ \Phi_{20}^{12}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{12}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
47236	936	935	$\frac{47}{935}$	$\frac{74}{935}$	$\frac{287}{935}$	$\frac{324}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
47237	936	55	$\frac{3}{55}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{55}^{17}\ \Phi_{11}^{17}\ \Phi_{5}^{17}\ \Phi_{1}^{18}$
47238	936	119	$\frac{1}{17}$	$\frac{8}{119}$	$\frac{37}{119}$	$\frac{41}{119}$	$\Phi_{119}^{8}\ \Phi_{17}^{7}\ \Phi_{7}^{8}\ \Phi_{1}^{8}$
47239	936	1022	$\frac{4}{73}$	$\frac{1}{14}$	$\frac{23}{73}$	$\frac{25}{73}$	$\Phi_{1022}\ \Phi_{511}\ \Phi_{146}$
47240	936	1027	$\frac{4}{79}$	$\frac{1}{13}$	$\frac{25}{79}$	$\frac{27}{79}$	Φ_{1027}
47241	936	85	$\frac{4}{85}$	$\frac{7}{85}$	$\frac{27}{85}$	$\frac{29}{85}$	$\Phi_{85}^{11}\ \Phi_{17}^{11}\ \Phi_{5}^{11}\ \Phi_{1}^{12}$
47242	936	935	$\frac{32}{935}$	$\frac{103}{935}$	$\frac{301}{935}$	$\frac{317}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
47243	936	1099	$\frac{4}{157}$	$\frac{1}{7}$	$\frac{51}{157}$	$\frac{53}{157}$	Φ_{1099}
47244	936	187	$\frac{4}{187}$	$\frac{31}{187}$	$\frac{61}{187}$	$\frac{63}{187}$	$\Phi_{187}^{5}\ \Phi_{17}^{5}\ \Phi_{11}^{5}\ \Phi_{1}^{6}$
47245	936	235	$\frac{4}{235}$	$\frac{1}{5}$	$\frac{77}{235}$	$\frac{79}{235}$	$\Phi_{235}^{4}\ \Phi_{47}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
47246	936	935	$\frac{14}{935}$	$\frac{207}{935}$	$\frac{307}{935}$	$\frac{314}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
47247	936	1252	$\frac{4}{313}$	$\frac{1}{4}$	$\frac{103}{313}$	$\frac{105}{313}$	$\Phi_{1252}\ \Phi_{626}$
47248	936	935	$\frac{8}{935}$	$\frac{309}{935}$	$\frac{311}{935}$	$\frac{313}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
47249	936	1407	$\frac{4}{469}$	$\frac{155}{469}$	$\frac{1}{3}$	$\frac{157}{469}$	$\Phi_{1407}\ \Phi_{201}\ \Phi_{21}$
47250	936	354	$\frac{1}{118}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{354}^{3}\ \Phi_{177}^{3}\ \Phi_{118}^{2}\ \Phi_{59}^{2}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
47251	936	699	$\frac{2}{233}$	$\frac{77}{233}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{699}\ \Phi_{233}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
47252	936	948	$\frac{1}{79}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{948}\ \Phi_{474}\ \Phi_{316}^{2}\ \Phi_{158}^{2}$
47253	936	699	$\frac{5}{233}$	$\frac{38}{233}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{699}\ \Phi_{233}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
47254	936	840	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}^{2}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}^{2}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^{2}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
47255	936	555	$\frac{1}{37}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{555}^{2}\ \Phi_{185}^{2}\ \Phi_{111}$
47256	936	699	$\frac{8}{233}$	$\frac{25}{233}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{699}\ \Phi_{233}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
47257	936	270	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{270}^{4}\ \Phi_{135}^{4}\ \Phi_{90}^{4}\ \Phi_{54}^{4}\ \Phi_{45}^{4}\ \Phi_{30}^{3}\ \Phi_{18}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
47258	936	699	$\frac{12}{233}$	$\frac{17}{233}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{699}\ \Phi_{233}^2\ \Phi_3^2\ \Phi_1^4$
47259	936	798	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{114}\ \Phi_{38}^2$
47260	936	1860	$\frac{2}{155}$	$\frac{1}{4}$	$\frac{51}{155}$	$\frac{1}{3}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{372}\ \Phi_{186}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
47261	936	201	$\frac{1}{67}$	$\frac{15}{67}$	$\frac{22}{67}$	$\frac{1}{3}$	$\Phi_{201}^7\ \Phi_3^6$
47262	936	870	$\frac{1}{58}$	$\frac{1}{5}$	$\frac{19}{58}$	$\frac{1}{3}$	$\Phi_{870}^2\ \Phi_{435}^2\ \Phi_{30}^2\ \Phi_{15}^3$
47263	936	1407	$\frac{10}{469}$	$\frac{79}{469}$	$\frac{153}{469}$	$\frac{1}{3}$	$\Phi_{1407}\ \Phi_{201}\ \Phi_{21}$
47264	936	231	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{25}{77}$	$\frac{1}{3}$	$\Phi_{231}^6\ \Phi_{33}^6\ \Phi_{21}^7\ \Phi_3^6$
47265	936	1065	$\frac{2}{71}$	$\frac{2}{15}$	$\frac{23}{71}$	$\frac{1}{3}$	$\Phi_{1065}\ \Phi_{355}\ \Phi_{71}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
47266	936	1407	$\frac{16}{469}$	$\frac{53}{469}$	$\frac{151}{469}$	$\frac{1}{3}$	$\Phi_{1407}\ \Phi_{201}\ \Phi_{21}$
47267	936	1530	$\frac{2}{51}$	$\frac{1}{10}$	$\frac{49}{153}$	$\frac{1}{3}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{306}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
47268	936	741	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{741}^2\ \Phi_{39}^3$
47269	936	210	$\frac{2}{35}$	$\frac{1}{14}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{210}^7\ \Phi_{105}^6\ \Phi_{42}^8\ \Phi_{30}^7\ \Phi_{21}^7\ \Phi_{15}^6\ \Phi_6^8\ \Phi_3^6$
47270	936	1407	$\frac{27}{469}$	$\frac{34}{469}$	$\frac{145}{469}$	$\frac{1}{3}$	$\Phi_{1407}\ \Phi_{201}\ \Phi_{21}$
47271	936	1407	$\frac{25}{469}$	$\frac{37}{469}$	$\frac{144}{469}$	$\frac{1}{3}$	$\Phi_{1407}\ \Phi_{201}\ \Phi_{21}$
47272	936	459	$\frac{1}{27}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{459}^2\ \Phi_{153}^2\ \Phi_{51}\ \Phi_{27}^4\ \Phi_{17}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
47273	936	483	$\frac{5}{161}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{483}^3\ \Phi_{69}^3\ \Phi_{21}$
47274	936	1407	$\frac{13}{469}$	$\frac{76}{469}$	$\frac{131}{469}$	$\frac{1}{3}$	$\Phi_{1407}\ \Phi_{201}\ \Phi_{21}$
47275	936	666	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{666}^2\ \Phi_{333}^2\ \Phi_{111}$
47276	936	1320	$\frac{1}{40}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}^2\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2$
47277	936	1407	$\frac{9}{469}$	$\frac{115}{469}$	$\frac{118}{469}$	$\frac{1}{3}$	$\Phi_{1407}\ \Phi_{201}\ \Phi_{21}$
47278	936	636	$\frac{1}{53}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{636}^2\ \Phi_{318}^2\ \Phi_{159}^3$
47279	936	1860	$\frac{3}{155}$	$\frac{38}{155}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{372}\ \Phi_{186}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
47280	936	120	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^{12}\ \Phi_{60}^{11}\ \Phi_{30}^{11}\ \Phi_{24}^{12}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_6^{12}\ \Phi_3^{12}$
47281	936	1776	$\frac{1}{37}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{111}$
47282	936	372	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{372}^5\ \Phi_{186}^5\ \Phi_{12}^6\ \Phi_6^6$
47283	936	756	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
47284	936	300	$\frac{1}{25}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^5\ \Phi_{60}^3\ \Phi_{50}^5\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
47285	936	1860	$\frac{11}{155}$	$\frac{12}{155}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{372}\ \Phi_{186}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
47286	936	1092	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}\ \Phi_{273}\ \Phi_{156}\ \Phi_{39}$
47287	936	462	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{37}{154}$	$\frac{1}{3}$	$\Phi_{462}^4\ \Phi_{231}^2\ \Phi_{66}^4\ \Phi_{42}^4\ \Phi_{33}^2\ \Phi_{21}^3\ \Phi_6^4\ \Phi_3^2$
47288	936	1065	$\frac{3}{71}$	$\frac{2}{15}$	$\frac{17}{71}$	$\frac{1}{3}$	$\Phi_{1065}\ \Phi_{355}\ \Phi_{71}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
47289	936	402	$\frac{3}{67}$	$\frac{17}{134}$	$\frac{16}{67}$	$\frac{1}{3}$	$\Phi_{402}^4\ \Phi_{201}^3\ \Phi_6^4\ \Phi_3^2$
47290	936	510	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{510}^3\ \Phi_{255}^3\ \Phi_{102}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_6^4$
47291	936	1407	$\frac{33}{469}$	$\frac{40}{469}$	$\frac{109}{469}$	$\frac{1}{3}$	$\Phi_{1407}\ \Phi_{201}\ \Phi_{21}$
47292	936	210	$\frac{1}{14}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{210}^7\ \Phi_{105}^6\ \Phi_{42}^8\ \Phi_{30}^7\ \Phi_{21}^7\ \Phi_{15}^6\ \Phi_6^8\ \Phi_3^6$
47293	936	201	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{15}{67}$	$\frac{1}{3}$	$\Phi_{201}^7\ \Phi_3^6$
47294	936	435	$\frac{1}{29}$	$\frac{28}{145}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{435}^3\ \Phi_{87}^4\ \Phi_{15}^4\ \Phi_3^4$
47295	936	285	$\frac{1}{19}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{285}^3\ \Phi_{95}^4\ \Phi_{57}^4\ \Phi_{19}^4$
47296	936	435	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{435}^4\ \Phi_{15}^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
47297	936	210	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^{7}\ \Phi_{105}^{7}\ \Phi_{42}^{8}\ \Phi_{30}^{3}\ \Phi_{21}^{8}\ \Phi_{15}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}$
47298	936	231	$\frac{5}{77}$	$\frac{1}{7}$	$\frac{12}{77}$	$\frac{1}{3}$	$\Phi_{231}^{6}\ \Phi_{33}^{6}\ \Phi_{21}^{7}\ \Phi_{3}^{6}$
47299	936	1407	$\frac{31}{469}$	$\frac{66}{469}$	$\frac{73}{469}$	$\frac{1}{3}$	$\Phi_{1407}\ \Phi_{201}\ \Phi_{21}$
47300	936	1065	$\frac{5}{71}$	$\frac{2}{15}$	$\frac{11}{71}$	$\frac{1}{3}$	$\Phi_{1065}\ \Phi_{355}\ \Phi_{71}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
47301	936	42	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{42}^{36}\ \Phi_{21}^{31}\ \Phi_{6}^{36}\ \Phi_{3}^{30}$
47302	936	1365	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{91}$
47303	936	1617	$\frac{6}{77}$	$\frac{71}{539}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1617}\ \Phi_{147}\ \Phi_{21}$
47304	936	924	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{231}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{21}^{2}$
47305	936	1065	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1065}\ \Phi_{355}\ \Phi_{71}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
47306	936	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{90}^{13}\ \Phi_{45}^{10}\ \Phi_{30}^{9}\ \Phi_{18}^{13}\ \Phi_{15}^{7}\ \Phi_{10}^{8}\ \Phi_{9}^{12}\ \Phi_{6}^{9}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
47307	936	77	$\frac{2}{77}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{25}{77}$	$\Phi_{77}^{12}\ \Phi_{11}^{13}\ \Phi_{7}^{12}\ \Phi_{1}^{14}$
47308	936	1540	$\frac{2}{77}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{25}{77}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{220}\ \Phi_{140}\ \Phi_{110}\ \Phi_{70}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
47309	936	935	$\frac{26}{935}$	$\frac{158}{935}$	$\frac{259}{935}$	$\frac{303}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
47310	936	1278	$\frac{2}{71}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{23}{71}$	$\Phi_{1278}\ \Phi_{639}\ \Phi_{71}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
47311	936	1136	$\frac{2}{71}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{23}{71}$	$\Phi_{1136}\ \Phi_{568}\ \Phi_{71}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
47312	936	235	$\frac{7}{235}$	$\frac{1}{5}$	$\frac{53}{235}$	$\frac{76}{235}$	$\Phi_{235}^{4}\ \Phi_{47}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
47313	936	935	$\frac{29}{935}$	$\frac{181}{935}$	$\frac{211}{935}$	$\frac{302}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
47314	936	1252	$\frac{10}{313}$	$\frac{53}{313}$	$\frac{1}{4}$	$\frac{101}{313}$	$\Phi_{1252}\ \Phi_{626}$
47315	936	115	$\frac{4}{115}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{37}{115}$	$\Phi_{115}^{8}\ \Phi_{23}^{8}\ \Phi_{5}^{11}\ \Phi_{1}^{12}$
47316	936	437	$\frac{1}{19}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{6}{19}$	$\Phi_{437}^{2}\ \Phi_{23}^{3}\ \Phi_{19}^{4}\ \Phi_{1}^{6}$
47317	936	684	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{684}^{2}\ \Phi_{342}^{2}\ \Phi_{228}^{2}\ \Phi_{114}^{2}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
47318	936	437	$\frac{1}{19}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{6}{19}$	$\Phi_{437}^{2}\ \Phi_{23}^{3}\ \Phi_{19}^{4}\ \Phi_{1}^{6}$
47319	936	665	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{6}{19}$	$\Phi_{665}^{2}\ \Phi_{35}^{3}$
47320	936	187	$\frac{10}{187}$	$\frac{16}{187}$	$\frac{57}{187}$	$\frac{59}{187}$	$\Phi_{187}^{5}\ \Phi_{17}^{5}\ \Phi_{11}^{5}\ \Phi_{1}^{6}$
47321	936	105	$\frac{2}{35}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{11}{35}$	$\Phi_{105}^{10}\ \Phi_{35}^{6}\ \Phi_{21}^{10}\ \Phi_{15}^{12}\ \Phi_{7}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{12}\ \Phi_{1}^{8}$
47322	936	1062	$\frac{7}{118}$	$\frac{1}{9}$	$\frac{27}{118}$	$\frac{37}{118}$	$\Phi_{1062}\ \Phi_{531}\ \Phi_{354}\ \Phi_{177}\ \Phi_{18}\ \Phi_{6}$
47323	936	935	$\frac{56}{935}$	$\frac{107}{935}$	$\frac{207}{935}$	$\frac{293}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
47324	936	1099	$\frac{10}{157}$	$\frac{1}{7}$	$\frac{27}{157}$	$\frac{49}{157}$	Φ_{1099}
47325	936	935	$\frac{62}{935}$	$\frac{129}{935}$	$\frac{161}{935}$	$\frac{291}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
47326	936	270	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{31}{135}$	$\frac{14}{45}$	$\Phi_{270}^{5}\ \Phi_{135}^{4}\ \Phi_{54}^{5}\ \Phi_{30}^{5}\ \Phi_{27}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
47327	936	235	$\frac{16}{235}$	$\frac{27}{235}$	$\frac{1}{5}$	$\frac{73}{235}$	$\Phi_{235}^{4}\ \Phi_{47}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
47328	936	187	$\frac{13}{187}$	$\frac{18}{187}$	$\frac{43}{187}$	$\frac{58}{187}$	$\Phi_{187}^{5}\ \Phi_{17}^{5}\ \Phi_{11}^{5}\ \Phi_{1}^{6}$
47329	936	1252	$\frac{22}{313}$	$\frac{27}{313}$	$\frac{1}{4}$	$\frac{97}{313}$	$\Phi_{1252}\ \Phi_{626}$
47330	936	150	$\frac{2}{25}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{23}{75}$	$\Phi_{150}^{10}\ \Phi_{75}^{8}\ \Phi_{30}^{10}\ \Phi_{15}^{8}\ \Phi_{10}^{4}\ \Phi_{6}^{10}\ \Phi_{5}^{3}\ \Phi_{3}^{8}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
47331	936	644	$\frac{1}{14}$	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{644}^{2}\ \Phi_{322}\ \Phi_{161}\ \Phi_{92}\ \Phi_{28}^{4}\ \Phi_{23}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
47332	936	1022	$\frac{1}{14}$	$\frac{7}{73}$	$\frac{17}{73}$	$\frac{22}{73}$	$\Phi_{1022}\ \Phi_{511}\ \Phi_{146}$
47333	936	17	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{4}{17}$	$\frac{5}{17}$	$\Phi_{17}^{55}\ \Phi_{1}^{56}$
47334	936	1190	$\frac{1}{14}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{170}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{10}^{2}$
47335	936	85	$\frac{7}{85}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{85}^{12}\ \Phi_{17}^{7}\ \Phi_{5}^{12}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
47336	936	1252	$\frac{17}{313}$	$\frac{37}{313}$	$\frac{1}{4}$	$\frac{92}{313}$	$\Phi_{1252}\ \Phi_{626}$
47337	936	1470	$\frac{1}{10}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{147}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{294}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{14}\ \Phi_{6}$
47338	936	55	$\frac{3}{55}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{55}^{17}\ \Phi_{11}^{17}\ \Phi_{5}^{17}\ \Phi_{1}^{18}$
47339	936	1022	$\frac{1}{14}$	$\frac{10}{73}$	$\frac{13}{73}$	$\frac{21}{73}$	$\Phi_{1022}\ \Phi_{511}\ \Phi_{146}$
47340	936	935	$\frac{59}{935}$	$\frac{146}{935}$	$\frac{168}{935}$	$\frac{263}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
47341	936	235	$\frac{13}{235}$	$\frac{37}{235}$	$\frac{1}{5}$	$\frac{66}{235}$	$\Phi_{235}^{4}\ \Phi_{47}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
47342	936	900	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{900}^{2}\ \Phi_{450}\ \Phi_{225}\ \Phi_{180}^{2}\ \Phi_{100}\ \Phi_{90}\ \Phi_{50}\ \Phi_{45}\ \Phi_{20}\ \Phi_{10}$
47343	936	1278	$\frac{3}{71}$	$\frac{1}{6}$	$\frac{17}{71}$	$\frac{5}{18}$	$\Phi_{1278}\ \Phi_{639}\ \Phi_{71}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
47344	936	1710	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{95}$
47345	936	1278	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1278}\ \Phi_{639}\ \Phi_{71}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
47346	936	1638	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{91}$
47347	936	1278	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1278}\ \Phi_{639}\ \Phi_{71}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
47348	936	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{90}^{11}\ \Phi_{45}^{11}\ \Phi_{30}^{13}\ \Phi_{18}^{6}\ \Phi_{15}^{13}\ \Phi_{10}^{12}\ \Phi_{9}^{5}\ \Phi_{6}^{7}\ \Phi_{5}^{12}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
47349	936	1188	$\frac{1}{27}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}^{2}\ \Phi_{66}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
47350	936	77	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{77}^{12}\ \Phi_{11}^{13}\ \Phi_{7}^{12}\ \Phi_{1}^{14}$
47351	936	154	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{154}^{6}\ \Phi_{77}^{5}\ \Phi_{22}^{6}\ \Phi_{14}^{12}\ \Phi_{11}^{6}\ \Phi_{7}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
47352	936	44	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{44}^{24}\ \Phi_{22}^{24}\ \Phi_{11}^{13}\ \Phi_{4}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{14}$
47353	936	999	$\frac{1}{27}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{999}\ \Phi_{333}\ \Phi_{111}$
47354	936	935	$\frac{53}{935}$	$\frac{147}{935}$	$\frac{197}{935}$	$\frac{246}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
47355	936	1022	$\frac{1}{14}$	$\frac{9}{73}$	$\frac{16}{73}$	$\frac{19}{73}$	$\Phi_{1022}\ \Phi_{511}\ \Phi_{146}$
47356	936	85	$\frac{7}{85}$	$\frac{9}{85}$	$\frac{19}{85}$	$\frac{22}{85}$	$\Phi_{85}^{11}\ \Phi_{17}^{11}\ \Phi_{5}^{11}\ \Phi_{1}^{12}$
47357	936	935	$\frac{63}{935}$	$\frac{116}{935}$	$\frac{218}{935}$	$\frac{239}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
47358	936	1099	$\frac{9}{157}$	$\frac{1}{7}$	$\frac{37}{157}$	$\frac{40}{157}$	Φ_{1099}
47359	936	275	$\frac{3}{55}$	$\frac{41}{275}$	$\frac{13}{55}$	$\frac{14}{55}$	$\Phi_{275}^{4}\ \Phi_{55}\ \Phi_{25}^{4}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
47360	936	935	$\frac{27}{935}$	$\frac{227}{935}$	$\frac{233}{935}$	$\frac{236}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
47361	936	1252	$\frac{9}{313}$	$\frac{76}{313}$	$\frac{1}{4}$	$\frac{79}{313}$	$\Phi_{1252}\ \Phi_{626}$
47362	936	412	$\frac{3}{103}$	$\frac{25}{103}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{412}^{2}\ \Phi_{206}^{2}\ \Phi_{103}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
47363	936	540	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{180}^{2}\ \Phi_{135}^{3}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{3}\ \Phi_{30}^{2}\ \Phi_{15}^{3}$
47364	936	400	$\frac{1}{25}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{400}^{3}\ \Phi_{200}^{3}\ \Phi_{100}\ \Phi_{80}^{3}\ \Phi_{50}\ \Phi_{40}^{3}\ \Phi_{20}\ \Phi_{10}$
47365	936	412	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{412}^{2}\ \Phi_{206}^{2}\ \Phi_{103}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
47366	936	252	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{252}^{4}\ \Phi_{126}^{5}\ \Phi_{84}^{4}\ \Phi_{63}^{5}\ \Phi_{42}^{5}\ \Phi_{36}^{2}\ \Phi_{21}^{5}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
47367	936	1136	$\frac{3}{71}$	$\frac{3}{16}$	$\frac{17}{71}$	$\frac{1}{4}$	$\Phi_{1136}\ \Phi_{568}\ \Phi_{71}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
47368	936	476	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{4}{17}$	$\frac{1}{4}$	$\Phi_{476}^{3}\ \Phi_{238}^{3}\ \Phi_{28}^{4}\ \Phi_{14}^{4}$
47369	936	1252	$\frac{21}{313}$	$\frac{40}{313}$	$\frac{73}{313}$	$\frac{1}{4}$	$\Phi_{1252}\ \Phi_{626}$
47370	936	644	$\frac{1}{14}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{644}^{2}\ \Phi_{322}\ \Phi_{161}\ \Phi_{92}\ \Phi_{28}^{4}\ \Phi_{23}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
47371	936	1252	$\frac{19}{313}$	$\frac{49}{313}$	$\frac{66}{313}$	$\frac{1}{4}$	$\Phi_{1252}\ \Phi_{626}$
47372	936	1520	$\frac{1}{19}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{95}$
47373	936	1540	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{220}\ \Phi_{140}\ \Phi_{110}\ \Phi_{70}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
47374	936	140	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^{11}\ \Phi_{70}^{5}\ \Phi_{35}^{6}\ \Phi_{20}^{12}\ \Phi_{10}^{6}\ \Phi_{5}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
47375	936	780	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}\ \Phi_{156}^2\ \Phi_{130}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{26}^2$
47376	936	220	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{220}^5\ \Phi_{110}^5\ \Phi_{55}^6\ \Phi_{20}^6\ \Phi_{10}^6\ \Phi_5^6$
47377	936	1136	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1136}\ \Phi_{568}\ \Phi_{71}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
47378	936	1456	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{91}$
47379	936	1136	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1136}\ \Phi_{568}\ \Phi_{71}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
47380	936	720	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{144}\ \Phi_{120}^2\ \Phi_{90}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
47381	936	105	$\frac{3}{35}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{8}{35}$	$\Phi_{105}^{10}\ \Phi_{35}^6\ \Phi_{21}^{10}\ \Phi_{15}^{12}\ \Phi_7^6\ \Phi_5^7\ \Phi_3^{12}\ \Phi_1^8$
47382	936	33	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{2}{11}$	$\frac{7}{33}$	$\Phi_{33}^{27}\ \Phi_{11}^{31}\ \Phi_3^{27}\ \Phi_1^{32}$
47383	936	30	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{30}^{40}\ \Phi_{15}^{32}\ \Phi_{10}^{24}\ \Phi_6^{40}\ \Phi_5^{19}\ \Phi_3^{32}\ \Phi_2^{24}\ \Phi_1^{20}$
47384	936	235	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{8}{47}$	$\frac{1}{5}$	$\Phi_{235}^5\ \Phi_5^4$
47385	936	250	$\frac{1}{10}$	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\Phi_{250}^5\ \Phi_{125}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
47386	936	105	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{105}^{10}\ \Phi_{35}^5\ \Phi_{21}^{10}\ \Phi_{15}^{12}\ \Phi_7^{10}\ \Phi_5^6\ \Phi_3^{12}\ \Phi_1^{12}$
47387	937	1664	$\frac{1}{104}$	$\frac{105}{832}$	$\frac{727}{1664}$	$\frac{103}{208}$	$\Phi_{1664}\ \Phi_{208}\ \Phi_{128}\ \Phi_{16}\ \Phi_1$
47388	937	1248	$\frac{1}{104}$	$\frac{311}{1248}$	$\frac{105}{416}$	$\frac{103}{208}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
47389	937	1856	$\frac{9}{928}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{919}{1856}$	$\Phi_{1856}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
47390	937	1728	$\frac{1}{72}$	$\frac{73}{864}$	$\frac{791}{1728}$	$\frac{71}{144}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{144}\ \Phi_{64}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
47391	937	1296	$\frac{1}{72}$	$\frac{73}{432}$	$\frac{359}{1296}$	$\frac{71}{144}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
47392	937	1152	$\frac{1}{72}$	$\frac{215}{1152}$	$\frac{73}{288}$	$\frac{71}{144}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{64}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
47393	937	1128	$\frac{3}{188}$	$\frac{191}{1128}$	$\frac{1}{4}$	$\frac{185}{376}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{94}\ \Phi_{47}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
47394	937	1840	$\frac{17}{920}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{903}{1840}$	$\Phi_{1840}\ \Phi_{368}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
47395	937	1836	$\frac{19}{918}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{899}{1836}$	$\Phi_{1836}\ \Phi_{612}\ \Phi_{204}\ \Phi_{108}\ \Phi_{68}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
47396	937	1260	$\frac{8}{315}$	$\frac{1}{9}$	$\frac{323}{1260}$	$\frac{307}{630}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
47397	937	1824	$\frac{25}{912}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{887}{1824}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
47398	937	1800	$\frac{37}{900}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{863}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
47399	937	1134	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{197}{1134}$	$\frac{181}{378}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{189}\ \Phi_{162}\ \Phi_{81}\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}\ \Phi_7\ \Phi_1$
47400	937	1080	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{143}{1080}$	$\frac{127}{270}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
47401	937	1764	$\frac{55}{882}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{827}{1764}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{252}\ \Phi_{196}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
47402	937	1728	$\frac{1}{36}$	$\frac{73}{864}$	$\frac{35}{108}$	$\frac{791}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{108}\ \Phi_{64}\ \Phi_{54}\ \Phi_{27}\ \Phi_1$
47403	937	1728	$\frac{1}{24}$	$\frac{73}{864}$	$\frac{23}{96}$	$\frac{791}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
47404	937	1296	$\frac{1}{36}$	$\frac{35}{324}$	$\frac{359}{1296}$	$\frac{289}{648}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
47405	937	1680	$\frac{1}{24}$	$\frac{97}{840}$	$\frac{23}{120}$	$\frac{743}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{120}\ \Phi_{112}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
47406	937	1152	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{215}{1152}$	$\frac{169}{384}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
47407	937	1392	$\frac{9}{464}$	$\frac{1}{8}$	$\frac{455}{1392}$	$\frac{7}{16}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
47408	937	960	$\frac{23}{960}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
47409	937	1008	$\frac{71}{1008}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
47410	937	960	$\frac{23}{960}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
47411	937	1620	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{127}{810}$	$\frac{683}{1620}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{324}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
47412	937	990	$\frac{53}{990}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}$
47413	937	1170	$\frac{1}{39}$	$\frac{38}{195}$	$\frac{233}{1170}$	$\frac{157}{390}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{234}\ \Phi_{195}\ \Phi_{117}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
47414	937	1560	$\frac{1}{39}$	$\frac{38}{195}$	$\frac{157}{780}$	$\frac{623}{1560}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{195}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
47415	937	1536	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{169}{768}$	$\frac{599}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
47416	937	1512	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{181}{756}$	$\frac{575}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
47417	937	1504	$\frac{3}{188}$	$\frac{185}{752}$	$\frac{1}{4}$	$\frac{567}{1504}$	$\Phi_{1504}\ \Phi_{188}\ \Phi_{94}\ \Phi_{47}\ \Phi_{32}\ \Phi_{1}$
47418	937	972	$\frac{35}{972}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
47419	937	1440	$\frac{1}{24}$	$\frac{23}{240}$	$\frac{217}{720}$	$\frac{503}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
47420	937	1080	$\frac{1}{36}$	$\frac{143}{1080}$	$\frac{35}{108}$	$\frac{73}{216}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
47421	937	1404	$\frac{1}{117}$	$\frac{116}{351}$	$\frac{467}{1404}$	$\frac{235}{702}$	$\Phi_{1404}\ \Phi_{468}\ \Phi_{351}\ \Phi_{156}\ \Phi_{108}\ \Phi_{52}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
47422	937	1296	$\frac{1}{36}$	$\frac{73}{432}$	$\frac{359}{1296}$	$\frac{35}{108}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{1}$
47423	937	1380	$\frac{17}{460}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{443}{1380}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
47424	937	1377	$\frac{19}{459}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{440}{1377}$	$\Phi_{1377}\ \Phi_{81}\ \Phi_{27}\ \Phi_{1}$
47425	937	1215	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{278}{1215}$	$\frac{127}{405}$	$\Phi_{1215}\ \Phi_{243}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
47426	937	1350	$\frac{37}{450}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{413}{1350}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{270}\ \Phi_{135}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
47427	937	1323	$\frac{1}{9}$	$\frac{55}{441}$	$\frac{8}{63}$	$\frac{386}{1323}$	$\Phi_{1323}\ \Phi_{189}\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
47428	937	1152	$\frac{1}{24}$	$\frac{215}{1152}$	$\frac{23}{96}$	$\frac{73}{288}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
47429	937	1080	$\frac{1}{9}$	$\frac{143}{1080}$	$\frac{8}{45}$	$\frac{37}{180}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
47430	937	1125	$\frac{1}{9}$	$\frac{37}{225}$	$\frac{188}{1125}$	$\frac{8}{45}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{125}\ \Phi_{45}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
47431	938	1596	$\frac{1}{133}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{66}{133}$	$\Phi_{1596}\ \Phi_{532}\ \Phi_{228}\ \Phi_{133}\ \Phi_{84}\ \Phi_{76}\ \Phi_{28}\ \Phi_{19}\ \Phi_{12}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
47432	938	1197	$\frac{1}{133}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{66}{133}$	$\Phi_{1197}\ \Phi_{171}\ \Phi_{133}\ \Phi_{63}\ \Phi_{19}\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
47433	938	930	$\frac{4}{465}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{461}{930}$	$\Phi_{930}^2\ \Phi_{310}^2\ \Phi_{186}^2\ \Phi_{62}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{2}^2$
47434	938	564	$\frac{1}{94}$	$\frac{95}{564}$	$\frac{1}{3}$	$\frac{93}{188}$	$\Phi_{564}\ \Phi_{282}^2\ \Phi_{188}^2\ \Phi_{141}^2\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{12}\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
47435	938	1716	$\frac{1}{66}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{65}{132}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{156}\ \Phi_{132}^2\ \Phi_{52}\ \Phi_{44}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
47436	938	264	$\frac{1}{66}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{65}{132}$	$\Phi_{264}^4\ \Phi_{132}^2\ \Phi_{88}^4\ \Phi_{66}^4\ \Phi_{44}^2\ \Phi_{33}^4\ \Phi_{24}^5\ \Phi_{22}^4\ \Phi_{12}^3\ \Phi_{11}^4\ \Phi_{8}^4\ \Phi_{6}^5\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
47437	938	2760	$\frac{9}{460}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{451}{920}$	$\Phi_{2760}\ \Phi_{552}\ \Phi_{120}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{6}$
47438	938	360	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{23}{90}$	$\frac{22}{45}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{45}^2\ \Phi_{40}^3\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{10}\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{6}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
47439	938	520	$\frac{2}{65}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{63}{130}$	$\Phi_{520}^2\ \Phi_{260}^2\ \Phi_{104}^2\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{13}^2\ \Phi_{10}\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
47440	938	648	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{14}{81}$	$\frac{13}{27}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}\ \Phi_{162}^2\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
47441	938	1920	$\frac{3}{64}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
47442	938	504	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{59}{126}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{72}^3\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{12}^3\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{6}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
47443	938	600	$\frac{1}{15}$	$\frac{8}{75}$	$\frac{1}{8}$	$\frac{7}{15}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}\ \Phi_{100}^2\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
47444	938	897	$\frac{2}{69}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{897}\ \Phi_{299}\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_{13}\ \Phi_1^2$
47445	938	1287	$\frac{1}{33}$	$\frac{1}{13}$	$\frac{32}{99}$	$\frac{6}{13}$	$\Phi_{1287}\ \Phi_{117}\ \Phi_{99}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_1^2$
47446	938	1144	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{21}{88}$	$\frac{6}{13}$	$\Phi_{1144}\ \Phi_{572}\ \Phi_{104}\ \Phi_{88}^2\ \Phi_{52}\ \Phi_{44}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
47447	938	936	$\frac{5}{72}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}^2\ \Phi_{52}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
47448	938	1001	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{6}{13}$	$\Phi_{1001}\ \Phi_{91}\ \Phi_{77}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_1^2$
47449	938	480	$\frac{11}{480}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
47450	938	846	$\frac{1}{47}$	$\frac{46}{423}$	$\frac{1}{3}$	$\frac{377}{846}$	$\Phi_{846}^2\ \Phi_{282}^2\ \Phi_{141}\ \Phi_{94}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_2^2$
47451	938	72	$\frac{5}{72}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{72}^{13}\ \Phi_{36}^{13}\ \Phi_{24}^{13}\ \Phi_{18}^{13}\ \Phi_{12}^{13}\ \Phi_9^{14}\ \Phi_8^{12}\ \Phi_6^{13}\ \Phi_4^{12}\ \Phi_3^{14}\ \Phi_2^{12}\ \Phi_1^{14}$
47452	938	120	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{8}$	$\frac{53}{120}$	$\Phi_{120}^7\ \Phi_{60}^9\ \Phi_{40}^7\ \Phi_{30}^9\ \Phi_{24}^7\ \Phi_{20}^9\ \Phi_{15}^8\ \Phi_{12}^9\ \Phi_{10}^9\ \Phi_8^6\ \Phi_6^9\ \Phi_5^8\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
47453	938	204	$\frac{1}{68}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{204}^5\ \Phi_{102}^5\ \Phi_{68}^4\ \Phi_{51}^5\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_{12}^3\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
47454	938	420	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}^4\ \Phi_{140}^4\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}^4\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{20}^4\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
47455	938	228	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{228}^3\ \Phi_{114}^4\ \Phi_{76}^5\ \Phi_{57}^4\ \Phi_{38}^6\ \Phi_{19}^5\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^6$
47456	938	340	$\frac{1}{68}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{340}^3\ \Phi_{170}^3\ \Phi_{85}^3\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{20}^3\ \Phi_{17}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
47457	938	280	$\frac{3}{70}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^2\ \Phi_{56}^4\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{28}^4\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}\ \Phi_8^2\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
47458	938	216	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{13}{54}$	$\frac{41}{108}$	$\Phi_{216}^5\ \Phi_{108}^3\ \Phi_{72}^5\ \Phi_{54}^5\ \Phi_{36}^3\ \Phi_{27}^4\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{12}^3\ \Phi_9^4\ \Phi_8^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
47459	938	2256	$\frac{1}{94}$	$\frac{93}{376}$	$\frac{1}{3}$	$\frac{283}{752}$	$\Phi_{2256}\ \Phi_{282}\ \Phi_{141}\ \Phi_{48}\ \Phi_6$
47460	938	360	$\frac{1}{15}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^2\ \Phi_{90}^3\ \Phi_{72}^2\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{24}\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
47461	938	510	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{510}^3\ \Phi_{255}\ \Phi_{170}^3\ \Phi_{102}^2\ \Phi_{85}\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{30}^3\ \Phi_{10}^3\ \Phi_6^2\ \Phi_2^2$
47462	938	612	$\frac{1}{68}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}\ \Phi_{153}^2\ \Phi_{102}\ \Phi_{51}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
47463	938	552	$\frac{2}{69}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{184}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
47464	938	564	$\frac{1}{47}$	$\frac{95}{564}$	$\frac{46}{141}$	$\frac{1}{3}$	$\Phi_{564}^2\ \Phi_{282}^2\ \Phi_{188}^2\ \Phi_{141}\ \Phi_{94}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
47465	938	792	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{32}{99}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
47466	938	690	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{221}{690}$	$\frac{1}{3}$	$\Phi_{690}\ \Phi_{345}\ \Phi_{230}^2\ \Phi_{138}\ \Phi_{115}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{30}^2\ \Phi_{23}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
47467	938	480	$\frac{11}{480}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
47468	938	1860	$\frac{4}{155}$	$\frac{1}{5}$	$\frac{151}{620}$	$\frac{1}{3}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{372}\ \Phi_{186}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
47469	938	264	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{21}{88}$	$\frac{1}{3}$	$\Phi_{264}^5\ \Phi_{132}^5\ \Phi_{66}^6\ \Phi_{33}^6\ \Phi_{24}^6\ \Phi_{12}^6\ \Phi_6^7\ \Phi_3^6$
47470	938	630	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
47471	938	684	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{171}\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{36}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
47472	938	1320	$\frac{2}{33}$	$\frac{1}{8}$	$\frac{31}{165}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{120}\ \Phi_{110}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
47473	938	72	$\frac{5}{72}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{72}^{14}\ \Phi_{36}^{14}\ \Phi_{24}^{11}\ \Phi_{18}^{14}\ \Phi_{12}^{11}\ \Phi_9^{14}\ \Phi_8^{10}\ \Phi_6^{13}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
47474	938	1848	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{10}{77}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
47475	938	1560	$\frac{4}{65}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{61}{195}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{156}\ \Phi_{120}\ \Phi_{78}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
47476	938	480	$\frac{1}{15}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{60}^3\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^3\ \Phi_{24}\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
47477	938	1512	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{63}$	$\frac{55}{189}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
47478	938	360	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{30}$	$\frac{23}{90}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{72}^4\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{40}\ \Phi_{36}^4\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9^2\ \Phi_6$
47479	938	240	$\frac{1}{15}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^3\ \Phi_{60}^5\ \Phi_{48}^4\ \Phi_{40}^3\ \Phi_{30}^5\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^5\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
47480	939	536	$\frac{1}{134}$	$\frac{45}{268}$	$\frac{223}{536}$	$\frac{133}{268}$	$\Phi_{536}^3\ \Phi_{268}\ \Phi_8^3\ \Phi_4\ \Phi_1$
47481	939	616	$\frac{5}{308}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{303}{616}$	$\Phi_{616}^3\ \Phi_{88}^3\ \Phi_{56}^3\ \Phi_{28}\ \Phi_8^3\ \Phi_4\ \Phi_1$
47482	939	616	$\frac{5}{308}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{303}{616}$	$\Phi_{616}^3\ \Phi_{88}^3\ \Phi_{56}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
47483	939	420	$\frac{2}{105}$	$\frac{1}{7}$	$\frac{107}{420}$	$\frac{103}{210}$	$\Phi_{420}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
47484	939	378	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{65}{378}$	$\frac{61}{126}$	$\Phi_{378}^3\ \Phi_{189}^3\ \Phi_{63}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{21}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
47485	939	1820	$\frac{29}{910}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{881}{1820}$	$\Phi_{1820}\ \Phi_{364}\ \Phi_{260}\ \Phi_{140}\ \Phi_{52}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
47486	939	1792	$\frac{43}{896}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{853}{1792}$	$\Phi_{1792}\ \Phi_{256}\ \Phi_{56}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
47487	939	350	$\frac{2}{35}$	$\frac{37}{350}$	$\frac{1}{7}$	$\frac{33}{70}$	$\Phi_{350}^3\ \Phi_{175}^3\ \Phi_{50}^3\ \Phi_{35}^3\ \Phi_{25}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
47488	939	588	$\frac{19}{294}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{275}{588}$	$\Phi_{588}^3\ \Phi_{196}^3\ \Phi_{84}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
47489	939	1232	$\frac{15}{308}$	$\frac{1}{14}$	$\frac{293}{1232}$	$\frac{13}{28}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{176}\ \Phi_{112}\ \Phi_{88}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
47490	939	336	$\frac{23}{336}$	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
47491	939	336	$\frac{23}{336}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
47492	939	560	$\frac{2}{35}$	$\frac{33}{280}$	$\frac{1}{7}$	$\frac{247}{560}$	$\Phi_{560}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{35}^3\ \Phi_{16}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
47493	939	536	$\frac{1}{67}$	$\frac{45}{268}$	$\frac{22}{67}$	$\frac{223}{536}$	$\Phi_{536}^3\ \Phi_{67}^2\ \Phi_8^3\ \Phi_1^3$
47494	939	980	$\frac{41}{980}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{49}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
47495	939	1340	$\frac{1}{67}$	$\frac{66}{335}$	$\frac{401}{1340}$	$\frac{269}{670}$	$\Phi_{1340}\ \Phi_{335}\ \Phi_{268}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
47496	939	336	$\frac{23}{336}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^2\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
47497	939	504	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{61}{252}$	$\frac{191}{504}$	$\Phi_{504}^3\ \Phi_{168}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
47498	939	322	$\frac{9}{322}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{322}^3\ \Phi_{161}^3\ \Phi_{46}^3\ \Phi_{23}^3\ \Phi_7^2\ \Phi_1^3$
47499	939	335	$\frac{4}{67}$	$\frac{22}{335}$	$\frac{21}{67}$	$\frac{23}{67}$	$\Phi_{335}^3\ \Phi_{67}^2\ \Phi_5^3\ \Phi_1^3$
47500	939	476	$\frac{13}{238}$	$\frac{1}{14}$	$\frac{75}{238}$	$\frac{163}{476}$	$\Phi_{476}^3\ \Phi_{238}\ \Phi_{119}\ \Phi_{68}^3\ \Phi_{34}\ \Phi_{28}^3\ \Phi_{17}\ \Phi_4^3\ \Phi_1$
47501	939	402	$\frac{1}{67}$	$\frac{89}{402}$	$\frac{22}{67}$	$\frac{45}{134}$	$\Phi_{402}^3\ \Phi_{201}^3\ \Phi_{67}^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
47502	939	462	$\frac{5}{154}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{149}{462}$	$\Phi_{462}^3\ \Phi_{231}^3\ \Phi_{66}^3\ \Phi_{42}^3\ \Phi_{33}^3\ \Phi_{21}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
47503	939	455	$\frac{29}{455}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{142}{455}$	$\Phi_{455}^2\ \Phi_{91}^2\ \Phi_{65}^2\ \Phi_{35}^3\ \Phi_{13}^2\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
47504	939	448	$\frac{1}{14}$	$\frac{43}{448}$	$\frac{13}{56}$	$\frac{135}{448}$	$\Phi_{448}^2\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{64}^2\ \Phi_{56}^3\ \Phi_{32}^2\ \Phi_{28}^3\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
47505	939	441	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{1}{7}$	$\frac{128}{441}$	$\Phi_{441}^3\ \Phi_{63}^3\ \Phi_{21}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
47506	939	385	$\frac{5}{77}$	$\frac{1}{7}$	$\frac{72}{385}$	$\frac{2}{7}$	$\Phi_{385}^3\ \Phi_{55}^3\ \Phi_{35}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
47507	939	336	$\frac{23}{336}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
47508	939	420	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{33}{140}$	$\frac{107}{420}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^3$
47509	939	1120	$\frac{1}{14}$	$\frac{181}{1120}$	$\frac{43}{224}$	$\frac{13}{56}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
47510	940	468	$\frac{1}{234}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{233}{468}$	$\Phi_{468}^4\ \Phi_{156}^4\ \Phi_{52}^4\ \Phi_{36}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
47511	940	1496	$\frac{1}{187}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{93}{187}$	$\Phi_{1496}\ \Phi_{187}\ \Phi_{136}\ \Phi_{88}\ \Phi_{17}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
47512	940	942	$\frac{1}{157}$	$\frac{79}{314}$	$\frac{1}{3}$	$\frac{78}{157}$	$\Phi_{942}^2\ \Phi_{471}\ \Phi_6^2$
47513	940	279	$\frac{1}{93}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{46}{93}$	$\Phi_{279}^3\ \Phi_{93}^4\ \Phi_{31}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
47514	940	186	$\frac{1}{93}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{46}{93}$	$\Phi_{186}^6\ \Phi_{93}^4\ \Phi_{62}^6\ \Phi_{31}^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
47515	940	939	$\frac{11}{939}$	$\frac{95}{939}$	$\frac{422}{939}$	$\frac{464}{939}$	$\Phi_{939}\ \Phi_{313}\ \Phi_3\ \Phi_1^2$
47516	940	2320	$\frac{3}{232}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{229}{464}$	$\Phi_{2320}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
47517	940	126	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{16}{63}$	$\frac{31}{63}$	$\Phi_{126}^9\ \Phi_{63}^6\ \Phi_{42}^9\ \Phi_{21}^6\ \Phi_{18}^9\ \Phi_{14}^9\ \Phi_9^6\ \Phi_7^6\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
47518	940	939	$\frac{17}{939}$	$\frac{140}{939}$	$\frac{239}{939}$	$\frac{461}{939}$	$\Phi_{939}\ \Phi_{313}\ \Phi_3\ \Phi_1^2$
47519	940	471	$\frac{3}{157}$	$\frac{16}{157}$	$\frac{1}{3}$	$\frac{77}{157}$	$\Phi_{471}^3\ \Phi_3^2$
47520	940	1748	$\frac{1}{46}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{45}{92}$	$\Phi_{1748}\ \Phi_{92}^2\ \Phi_{76}\ \Phi_{19}\ \Phi_4^2\ \Phi_1^2$
47521	940	3036	$\frac{1}{46}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{3036}\ \Phi_{132}\ \Phi_{33}$
47522	940	1748	$\frac{1}{46}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{45}{92}$	$\Phi_{1748}\ \Phi_{92}^2\ \Phi_{76}\ \Phi_{19}\ \Phi_4^2\ \Phi_1^2$
47523	940	1380	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{45}{92}$	$\Phi_{1380}^2\ \Phi_{460}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
47524	940	546	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{44}{91}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{78}^2\ \Phi_{42}^3\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
47525	940	54	$\frac{1}{27}$	$\frac{7}{54}$	$\frac{1}{6}$	$\frac{13}{27}$	$\Phi_{54}^{17}\ \Phi_{27}^{18}\ \Phi_{18}^{17}\ \Phi_9^{18}\ \Phi_6^{16}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
47526	940	630	$\frac{2}{45}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{630}^3\ \Phi_{210}^3\ \Phi_{126}^3\ \Phi_{90}^2\ \Phi_{70}^3\ \Phi_{42}^3\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
47527	940	990	$\frac{2}{45}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{43}{90}$	$\Phi_{990}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{22}^2$
47528	940	90	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{43}{90}$	$\Phi_{90}^8\ \Phi_{45}^{12}\ \Phi_{30}^8\ \Phi_{18}^{11}\ \Phi_{15}^{12}\ \Phi_{10}^8\ \Phi_9^{14}\ \Phi_6^{10}\ \Phi_5^{12}\ \Phi_3^{13}\ \Phi_2^{10}\ \Phi_1^{14}$
47529	940	210	$\frac{1}{21}$	$\frac{11}{105}$	$\frac{1}{6}$	$\frac{10}{21}$	$\Phi_{210}^6\ \Phi_{105}^4\ \Phi_{70}^6\ \Phi_{42}^3\ \Phi_{35}^4\ \Phi_{30}^6\ \Phi_{21}^2\ \Phi_{15}^4\ \Phi_{14}^3\ \Phi_{10}^6\ \Phi_7^2\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
47530	940	1311	$\frac{1}{23}$	$\frac{1}{19}$	$\frac{22}{69}$	$\frac{9}{19}$	$\Phi_{1311}\ \Phi_{69}^2\ \Phi_{57}\ \Phi_{19}\ \Phi_3^2\ \Phi_1^2$
47531	940	627	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{627}^2\ \Phi_{209}\ \Phi_{33}^2$
47532	940	1344	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
47533	940	1848	$\frac{1}{21}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
47534	940	144	$\frac{1}{48}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{144}^6\ \Phi_{72}^6\ \Phi_{48}^8\ \Phi_{36}^6\ \Phi_{24}^8\ \Phi_{18}^6\ \Phi_{16}^8\ \Phi_{12}^8\ \Phi_9^4\ \Phi_8^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
47535	940	558	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{15}{62}$	$\frac{4}{9}$	$\Phi_{558}^2\ \Phi_{279}\ \Phi_{186}^2\ \Phi_{93}\ \Phi_{62}^4\ \Phi_{31}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
47536	940	198	$\frac{5}{99}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{198}^6\ \Phi_{99}^4\ \Phi_{66}^6\ \Phi_{33}^4\ \Phi_{22}^6\ \Phi_{18}^3\ \Phi_{11}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
47537	940	84	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{84}^{20}\ \Phi_{42}^3\ \Phi_{28}^{20}\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}^{20}\ \Phi_7^2\ \Phi_6^2\ \Phi_4^{20}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
47538	940	336	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^2\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{24}^2\ \Phi_{21}^3\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2$
47539	940	294	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{294}^4\ \Phi_{147}^4\ \Phi_{98}^4\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
47540	940	162	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{1}{6}$	$\frac{34}{81}$	$\Phi_{162}^6\ \Phi_{81}^4\ \Phi_{54}^9\ \Phi_{27}^6\ \Phi_{18}^9\ \Phi_9^6\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
47541	940	1680	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
47542	940	939	$\frac{14}{939}$	$\frac{185}{939}$	$\frac{281}{939}$	$\frac{377}{939}$	$\Phi_{939}\ \Phi_{313}\ \Phi_3\ \Phi_1^2$
47543	940	471	$\frac{2}{157}$	$\frac{31}{157}$	$\frac{1}{3}$	$\frac{63}{157}$	$\Phi_{471}^3\ \Phi_3^2$
47544	940	550	$\frac{3}{50}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{550}^2\ \Phi_{275}^2\ \Phi_{110}^2\ \Phi_{55}\ \Phi_{22}^2$
47545	940	836	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{9}{38}$	$\frac{29}{76}$	$\Phi_{836}^2\ \Phi_{209}\ \Phi_{44}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
47546	940	2280	$\frac{1}{95}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2280}\ \Phi_{456}\ \Phi_{285}\ \Phi_{120}\ \Phi_{57}\ \Phi_{15}$
47547	940	1496	$\frac{3}{187}$	$\frac{46}{187}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1496}\ \Phi_{187}\ \Phi_{136}\ \Phi_{88}\ \Phi_{17}\ \Phi_{11}\ \Phi_{8}^2\ \Phi_{1}^2$
47548	940	240	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{60}^5\ \Phi_{40}^4\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_{5}^4$
47549	940	792	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}^2\ \Phi_{264}^2\ \Phi_{99}^2\ \Phi_{88}\ \Phi_{72}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{3}^2\ \Phi_{1}^2$
47550	940	408	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^4\ \Phi_{136}^3\ \Phi_{51}^4\ \Phi_{24}^4\ \Phi_{17}^3\ \Phi_{8}^4\ \Phi_{3}^4\ \Phi_{1}^4$
47551	940	504	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{504}^3\ \Phi_{168}^3\ \Phi_{84}^3\ \Phi_{72}^2\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
47552	940	1770	$\frac{1}{59}$	$\frac{1}{5}$	$\frac{58}{177}$	$\frac{119}{354}$	$\Phi_{1770}\ \Phi_{590}\ \Phi_{295}\ \Phi_{30}\ \Phi_{10}$
47553	940	237	$\frac{2}{237}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{237}^4\ \Phi_{79}^4\ \Phi_{3}\ \Phi_{1}^2$
47554	940	351	$\frac{1}{117}$	$\frac{116}{351}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{351}^4\ \Phi_{27}^4\ \Phi_{3}\ \Phi_{1}^2$
47555	940	312	$\frac{1}{78}$	$\frac{77}{312}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{312}^4\ \Phi_{156}^4\ \Phi_{104}^4\ \Phi_{52}^4\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{1}^2$
47556	940	477	$\frac{7}{477}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{477}^2\ \Phi_{159}^2\ \Phi_{53}^2\ \Phi_{3}\ \Phi_{1}^2$
47557	940	117	$\frac{2}{117}$	$\frac{23}{117}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{117}^8\ \Phi_{39}^8\ \Phi_{13}^8\ \Phi_{9}^8\ \Phi_{3}^9\ \Phi_{1}^{10}$
47558	940	48	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{48}^{20}\ \Phi_{24}^{20}\ \Phi_{16}^{20}\ \Phi_{12}^{20}\ \Phi_{8}^{20}\ \Phi_{6}^{16}\ \Phi_{4}^{20}\ \Phi_{3}^{17}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
47559	940	273	$\frac{1}{39}$	$\frac{38}{273}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{273}^4\ \Phi_{91}^4\ \Phi_{21}^4\ \Phi_{7}^4\ \Phi_{3}\ \Phi_{1}^2$
47560	940	243	$\frac{8}{243}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{243}^4\ \Phi_{81}^4\ \Phi_{27}^4\ \Phi_{3}\ \Phi_{1}^2$
47561	940	156	$\frac{1}{26}$	$\frac{5}{52}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{156}^5\ \Phi_{78}^4\ \Phi_{52}^{10}\ \Phi_{39}^4\ \Phi_{26}^8\ \Phi_{13}^8\ \Phi_{12}^5\ \Phi_{6}^4\ \Phi_{4}^{10}\ \Phi_{3}^5\ \Phi_{2}^8\ \Phi_{1}^{10}$
47562	940	741	$\frac{12}{247}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{741}\ \Phi_{247}^2\ \Phi_{57}\ \Phi_{19}^2\ \Phi_{3}\ \Phi_{1}^2$
47563	940	507	$\frac{2}{39}$	$\frac{37}{507}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{507}^2\ \Phi_{169}^2\ \Phi_{3}\ \Phi_{1}^2$
47564	940	252	$\frac{1}{18}$	$\frac{17}{252}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{7}^4\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{1}^2$
47565	940	558	$\frac{2}{93}$	$\frac{1}{6}$	$\frac{91}{279}$	$\frac{1}{3}$	$\Phi_{558}^3\ \Phi_{279}^2\ \Phi_{18}^3\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
47566	940	759	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{759}\ \Phi_{253}^2\ \Phi_{33}^2\ \Phi_{11}^2$
47567	940	432	$\frac{1}{48}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{48}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
47568	940	186	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{15}{62}$	$\frac{1}{3}$	$\Phi_{186}^4\ \Phi_{93}^5\ \Phi_{62}^6\ \Phi_{31}^6\ \Phi_{6}^6\ \Phi_{3}^6\ \Phi_{2}^8\ \Phi_{1}^8$
47569	940	378	$\frac{1}{21}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{378}^3\ \Phi_{189}^3\ \Phi_{126}^3\ \Phi_{54}^2\ \Phi_{42}^3\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
47570	940	420	$\frac{1}{21}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{84}^3\ \Phi_{70}^3\ \Phi_{60}^2\ \Phi_{42}^3\ \Phi_{30}^2\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
47571	940	1740	$\frac{3}{116}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{113}{348}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
47572	940	486	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{55}{243}$	$\frac{26}{81}$	$\Phi_{486}^3\ \Phi_{243}^2\ \Phi_{54}^3\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
47573	940	1311	$\frac{1}{23}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{22}{69}$	$\Phi_{1311}\ \Phi_{69}^2\ \Phi_{57}\ \Phi_{19}\ \Phi_{3}^2\ \Phi_{1}^2$
47574	940	690	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{22}{69}$	$\Phi_{690}^2\ \Phi_{345}\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_{5}^2$
47575	940	546	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{85}{273}$	$\Phi_{546}^2\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{78}^2\ \Phi_{42}^3\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{13}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
47576	940	1485	$\frac{4}{45}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{41}{135}$	$\Phi_{1485}\ \Phi_{297}\ \Phi_{55}$
47577	940	270	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{41}{135}$	$\Phi_{270}^6\ \Phi_{135}^4\ \Phi_{54}^6\ \Phi_{27}^4\ \Phi_{18}^3\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
47578	940	1155	$\frac{1}{11}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{77}\ \Phi_{55}$
47579	940	126	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{5}{21}$	$\frac{16}{63}$	$\Phi_{126}^{12}\ \Phi_{63}^8\ \Phi_{42}^3\ \Phi_{21}^2\ \Phi_{18}^{12}\ \Phi_{14}^3\ \Phi_{9}^8\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
47580	940	313	$\frac{9}{313}$	$\frac{76}{313}$	$\frac{78}{313}$	$\frac{79}{313}$	$\Phi_{313}^3\ \Phi_{1}^4$
47581	940	54	$\frac{1}{9}$	$\frac{7}{54}$	$\frac{1}{6}$	$\frac{2}{9}$	$\Phi_{54}^{20}\ \Phi_{27}^{20}\ \Phi_{18}^{11}\ \Phi_{9}^{14}\ \Phi_{6}^{10}\ \Phi_{3}^{13}\ \Phi_{2}^{10}\ \Phi_{1}^{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
47582	940	660	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{22}^2$
47583	940	450	$\frac{1}{9}$	$\frac{37}{225}$	$\frac{1}{6}$	$\frac{8}{45}$	$\Phi_{450}^3\ \Phi_{225}^2\ \Phi_{150}^3\ \Phi_{75}^2\ \Phi_{50}^3\ \Phi_{25}^2\ \Phi_{18}^3\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
47584	941	1504	$\frac{1}{188}$	$\frac{189}{752}$	$\frac{563}{1504}$	$\frac{187}{376}$	$\Phi_{1504}\ \Phi_{376}\ \Phi_{32}\ \Phi_8\ \Phi_1$
47585	941	1872	$\frac{5}{936}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{931}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
47586	941	1860	$\frac{11}{930}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{919}{1860}$	$\Phi_{1860}\ \Phi_{620}\ \Phi_{372}\ \Phi_{124}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
47587	941	1260	$\frac{4}{315}$	$\frac{1}{5}$	$\frac{319}{1260}$	$\frac{311}{630}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_3\ \Phi_1$
47588	941	1856	$\frac{13}{928}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{915}{1856}$	$\Phi_{1856}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
47589	941	1840	$\frac{21}{920}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{899}{1840}$	$\Phi_{1840}\ \Phi_{368}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_8\ \Phi_1$
47590	941	1080	$\frac{4}{135}$	$\frac{139}{1080}$	$\frac{1}{5}$	$\frac{131}{270}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
47591	941	1820	$\frac{31}{910}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{879}{1820}$	$\Phi_{1820}\ \Phi_{364}\ \Phi_{260}\ \Phi_{140}\ \Phi_{52}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_4\ \Phi_1$
47592	941	1050	$\frac{4}{105}$	$\frac{109}{1050}$	$\frac{1}{5}$	$\frac{101}{210}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{175}\ \Phi_{150}\ \Phi_{105}\ \Phi_{75}\ \Phi_{50}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_3\ \Phi_1$
47593	941	1800	$\frac{41}{900}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{859}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}\ \Phi_{120}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
47594	941	1800	$\frac{41}{900}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{859}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
47595	941	1800	$\frac{41}{900}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{859}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}\ \Phi_{120}\ \Phi_{72}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_8\ \Phi_1$
47596	941	1140	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{199}{1140}$	$\frac{181}{380}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{60}\ \Phi_{57}\ \Phi_{38}\ \Phi_{30}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
47597	941	1280	$\frac{1}{20}$	$\frac{19}{320}$	$\frac{339}{1280}$	$\frac{301}{640}$	$\Phi_{1280}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
47598	941	1760	$\frac{1}{20}$	$\frac{61}{880}$	$\frac{19}{80}$	$\frac{819}{1760}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
47599	941	990	$\frac{49}{990}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_9\ \Phi_3\ \Phi_1$
47600	941	1692	$\frac{1}{47}$	$\frac{95}{846}$	$\frac{46}{141}$	$\frac{751}{1692}$	$\Phi_{1692}\ \Phi_{564}\ \Phi_{188}\ \Phi_{141}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
47601	941	980	$\frac{39}{980}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{49}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_4\ \Phi_1$
47602	941	1680	$\frac{4}{105}$	$\frac{101}{840}$	$\frac{1}{5}$	$\frac{739}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{48}\ \Phi_{35}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_7\ \Phi_3\ \Phi_1$
47603	941	1680	$\frac{1}{20}$	$\frac{101}{840}$	$\frac{19}{120}$	$\frac{739}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{120}\ \Phi_{112}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
47604	941	1316	$\frac{1}{47}$	$\frac{46}{329}$	$\frac{375}{1316}$	$\frac{283}{658}$	$\Phi_{1316}\ \Phi_{329}\ \Phi_{188}\ \Phi_{28}\ \Phi_7\ \Phi_4\ \Phi_1$
47605	941	1620	$\frac{4}{135}$	$\frac{131}{810}$	$\frac{1}{5}$	$\frac{679}{1620}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{324}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
47606	941	1600	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{141}{800}$	$\frac{659}{1600}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
47607	941	1000	$\frac{59}{1000}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_8\ \Phi_1$
47608	941	960	$\frac{19}{960}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
47609	941	1520	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{181}{760}$	$\frac{579}{1520}$	$\Phi_{1520}\ \Phi_{304}\ \Phi_{190}\ \Phi_{95}\ \Phi_{80}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
47610	941	1248	$\frac{5}{312}$	$\frac{307}{1248}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{208}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
47611	941	960	$\frac{19}{960}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
47612	941	1040	$\frac{5}{104}$	$\frac{99}{1040}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
47613	941	1008	$\frac{67}{1008}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
47614	941	960	$\frac{19}{960}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
47615	941	1440	$\frac{1}{20}$	$\frac{19}{240}$	$\frac{221}{720}$	$\frac{499}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
47616	941	1128	$\frac{1}{47}$	$\frac{187}{1128}$	$\frac{46}{141}$	$\frac{95}{282}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{376}\ \Phi_{188}\ \Phi_{141}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
47617	941	1416	$\frac{3}{236}$	$\frac{1}{4}$	$\frac{233}{708}$	$\frac{475}{1416}$	$\Phi_{1416}\ \Phi_{472}\ \Phi_{236}\ \Phi_{118}\ \Phi_{59}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
47618	941	1269	$\frac{1}{47}$	$\frac{95}{423}$	$\frac{328}{1269}$	$\frac{46}{141}$	$\Phi_{1269}\ \Phi_{141}\ \Phi_{27}\ \Phi_{3}\ \Phi_{1}$
47619	941	1395	$\frac{11}{465}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{454}{1395}$	$\Phi_{1395}\ \Phi_{279}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
47620	941	1392	$\frac{13}{464}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{451}{1392}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
47621	941	1215	$\frac{4}{135}$	$\frac{1}{5}$	$\frac{274}{1215}$	$\frac{131}{405}$	$\Phi_{1215}\ \Phi_{243}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
47622	941	1080	$\frac{1}{20}$	$\frac{139}{1080}$	$\frac{41}{180}$	$\frac{19}{60}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
47623	941	1200	$\frac{1}{20}$	$\frac{41}{300}$	$\frac{259}{1200}$	$\frac{19}{60}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
47624	941	1365	$\frac{31}{455}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{424}{1365}$	$\Phi_{1365}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{39}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
47625	941	1350	$\frac{4}{45}$	$\frac{41}{450}$	$\frac{1}{5}$	$\frac{409}{1350}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{270}\ \Phi_{135}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
47626	941	1350	$\frac{41}{450}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{409}{1350}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{270}\ \Phi_{135}\ \Phi_{54}\ \Phi_{50}\ \Phi_{27}\ \Phi_{25}\ \Phi_{1}$
47627	941	1050	$\frac{1}{10}$	$\frac{109}{1050}$	$\frac{9}{50}$	$\frac{41}{150}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{105}\ \Phi_{70}\ \Phi_{50}\ \Phi_{42}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
47628	941	1260	$\frac{4}{105}$	$\frac{1}{5}$	$\frac{101}{420}$	$\frac{319}{1260}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
47629	941	1080	$\frac{4}{45}$	$\frac{139}{1080}$	$\frac{1}{5}$	$\frac{41}{180}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
47630	941	1200	$\frac{1}{10}$	$\frac{41}{300}$	$\frac{9}{50}$	$\frac{259}{1200}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{120}\ \Phi_{80}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
47631	941	1125	$\frac{4}{45}$	$\frac{184}{1125}$	$\frac{41}{225}$	$\frac{1}{5}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{125}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
47632	942	1560	$\frac{1}{156}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{155}{312}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}^2\ \Phi_{120}\ \Phi_{104}^2\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{1}^2$
47633	942	312	$\frac{1}{156}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{155}{312}$	$\Phi_{312}^6\ \Phi_{104}^6\ \Phi_{24}^6\ \Phi_{12}\ \Phi_{8}^6\ \Phi_{6}$
47634	942	420	$\frac{1}{105}$	$\frac{1}{4}$	$\frac{53}{210}$	$\frac{52}{105}$	$\Phi_{420}^3\ \Phi_{210}\ \Phi_{140}^3\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{70}\ \Phi_{60}^3\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{12}^3\ \Phi_{10}\ \Phi_{7}^2\ \Phi_{6}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
47635	942	620	$\frac{2}{155}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{153}{310}$	$\Phi_{620}^2\ \Phi_{155}^2\ \Phi_{124}^2\ \Phi_{31}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
47636	942	2784	$\frac{7}{464}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{457}{928}$	$\Phi_{2784}\ \Phi_{96}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
47637	942	756	$\frac{1}{63}$	$\frac{32}{189}$	$\frac{1}{4}$	$\frac{31}{63}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}\ \Phi_{126}\ \Phi_{108}^2\ \Phi_{84}\ \Phi_{54}^2\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
47638	942	308	$\frac{3}{154}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{151}{308}$	$\Phi_{308}^2\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{44}^2\ \Phi_{28}^3\ \Phi_{22}^4\ \Phi_{14}^5\ \Phi_{11}^4\ \Phi_{7}^4\ \Phi_{4}^2\ \Phi_{2}^4\ \Phi_{1}^4$
47639	942	180	$\frac{1}{45}$	$\frac{23}{180}$	$\frac{1}{4}$	$\frac{22}{45}$	$\Phi_{180}^5\ \Phi_{90}^5\ \Phi_{60}^5\ \Phi_{45}^6\ \Phi_{36}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{18}^5\ \Phi_{15}^6\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_{9}^6\ \Phi_{6}^5\ \Phi_{5}^6\ \Phi_{4}^4\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
47640	942	612	$\frac{4}{153}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{149}{306}$	$\Phi_{612}^2\ \Phi_{204}^2\ \Phi_{153}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{36}^3\ \Phi_{18}\ \Phi_{17}^2\ \Phi_{12}^3\ \Phi_{9}^2\ \Phi_{6}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
47641	942	700	$\frac{1}{35}$	$\frac{18}{175}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{140}\ \Phi_{100}^2\ \Phi_{70}\ \Phi_{50}^2\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
47642	942	300	$\frac{7}{150}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{143}{300}$	$\Phi_{300}^2\ \Phi_{150}^4\ \Phi_{100}^2\ \Phi_{75}^4\ \Phi_{60}^3\ \Phi_{50}^4\ \Phi_{30}^5\ \Phi_{25}^4\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^5\ \Phi_{6}^5\ \Phi_{5}^4\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
47643	942	168	$\frac{1}{21}$	$\frac{11}{168}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{168}^6\ \Phi_{84}^5\ \Phi_{56}^6\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_{8}^6\ \Phi_{7}^6\ \Phi_{6}^5\ \Phi_{4}^4\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
47644	942	660	$\frac{8}{165}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{44}^2\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
47645	942	588	$\frac{1}{21}$	$\frac{10}{147}$	$\frac{1}{4}$	$\frac{137}{294}$	$\Phi_{588}^2\ \Phi_{196}^2\ \Phi_{147}^2\ \Phi_{84}^3\ \Phi_{49}^2\ \Phi_{42}\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^3\ \Phi_{7}^2\ \Phi_{6}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
47646	942	324	$\frac{5}{162}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{324}^4\ \Phi_{162}^2\ \Phi_{108}^4\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{18}\ \Phi_{12}^3\ \Phi_{9}^2\ \Phi_{6}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
47647	942	280	$\frac{1}{35}$	$\frac{17}{140}$	$\frac{1}{4}$	$\frac{123}{280}$	$\Phi_{280}^6\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}^6\ \Phi_{40}^6\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_8^6$
47648	942	480	$\frac{3}{160}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{48}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
47649	942	2478	$\frac{1}{59}$	$\frac{58}{413}$	$\frac{1}{3}$	$\frac{355}{826}$	$\Phi_{2478}\ \Phi_{354}\ \Phi_{177}\ \Phi_{42}\ \Phi_6$
47650	942	644	$\frac{4}{161}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{644}^2\ \Phi_{322}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{28}\ \Phi_{14}$
47651	942	540	$\frac{1}{45}$	$\frac{22}{135}$	$\frac{1}{4}$	$\frac{113}{270}$	$\Phi_{540}^2\ \Phi_{180}^3\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}\ \Phi_{60}^3\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{27}^2\ \Phi_{20}^3\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{10}\ \Phi_9^2\ \Phi_6\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
47652	942	795	$\frac{2}{159}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{795}\ \Phi_{265}\ \Phi_{159}^2\ \Phi_{53}^2\ \Phi_5\ \Phi_1^2$
47653	942	1170	$\frac{1}{78}$	$\frac{1}{5}$	$\frac{77}{234}$	$\frac{2}{5}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
47654	942	160	$\frac{3}{160}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{160}^6\ \Phi_{80}^6\ \Phi_{40}^6\ \Phi_{32}^6\ \Phi_{20}^5\ \Phi_{16}^6\ \Phi_{10}^5\ \Phi_8^6\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
47655	942	1040	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{51}{208}$	$\frac{2}{5}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
47656	942	195	$\frac{1}{39}$	$\frac{38}{195}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{195}^5\ \Phi_{65}^5\ \Phi_{39}^4\ \Phi_{15}^5\ \Phi_{13}^4\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
47657	942	810	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{162}^2\ \Phi_{135}\ \Phi_{90}\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
47658	942	910	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{910}\ \Phi_{455}\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
47659	942	840	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
47660	942	845	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{845}\ \Phi_{169}^2\ \Phi_5\ \Phi_1^2$
47661	942	252	$\frac{1}{63}$	$\frac{31}{126}$	$\frac{1}{4}$	$\frac{95}{252}$	$\Phi_{252}^3\ \Phi_{126}^5\ \Phi_{84}^3\ \Phi_{63}^4\ \Phi_{42}^5\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{21}^4\ \Phi_{18}^5\ \Phi_{14}^5\ \Phi_{12}^3\ \Phi_9^4\ \Phi_7^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
47662	942	708	$\frac{1}{118}$	$\frac{39}{118}$	$\frac{1}{3}$	$\frac{79}{236}$	$\Phi_{708}^3\ \Phi_{354}\ \Phi_{177}\ \Phi_{12}^3\ \Phi_6$
47663	942	636	$\frac{2}{159}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{636}^2\ \Phi_{318}^2\ \Phi_{212}^2\ \Phi_{106}^2\ \Phi_{12}\ \Phi_6$
47664	942	468	$\frac{1}{78}$	$\frac{1}{4}$	$\frac{77}{234}$	$\frac{1}{3}$	$\Phi_{468}^4\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{36}^4\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
47665	942	696	$\frac{7}{232}$	$\frac{1}{8}$	$\frac{75}{232}$	$\frac{1}{3}$	$\Phi_{696}^2\ \Phi_{348}^2\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
47666	942	177	$\frac{2}{59}$	$\frac{20}{177}$	$\frac{19}{59}$	$\frac{1}{3}$	$\Phi_{177}^5\ \Phi_{59}^6\ \Phi_3^4\ \Phi_1^6$
47667	942	480	$\frac{3}{160}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
47668	942	624	$\frac{1}{52}$	$\frac{51}{208}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
47669	942	780	$\frac{1}{39}$	$\frac{38}{195}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
47670	942	324	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{324}^4\ \Phi_{162}^2\ \Phi_{108}^4\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{36}^4\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
47671	942	1092	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}\ \Phi_{273}\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
47672	942	1404	$\frac{2}{39}$	$\frac{37}{351}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{234}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
47673	942	1560	$\frac{3}{52}$	$\frac{49}{520}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
47674	942	168	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^6\ \Phi_{84}^6\ \Phi_{56}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{12}\ \Phi_8^6\ \Phi_7^6\ \Phi_6$
47675	942	2028	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{12}\ \Phi_6$
47676	942	1620	$\frac{1}{45}$	$\frac{91}{405}$	$\frac{1}{4}$	$\frac{44}{135}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{324}\ \Phi_{180}\ \Phi_{162}\ \Phi_{90}\ \Phi_{60}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
47677	942	1860	$\frac{4}{155}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{151}{465}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{372}\ \Phi_{186}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
47678	942	924	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{74}{231}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_6^2$
47679	942	1836	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{145}{459}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
47680	942	900	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{1}{4}$	$\frac{68}{225}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
47681	942	1764	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{1}{4}$	$\frac{127}{441}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
47682	942	165	$\frac{8}{165}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{165}^6\ \Phi_{55}^5\ \Phi_{33}^6\ \Phi_{15}^6\ \Phi_{11}^6\ \Phi_5^4\ \Phi_3^6\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
47683	942	420	$\frac{1}{35}$	$\frac{17}{70}$	$\frac{1}{4}$	$\frac{53}{210}$	$\Phi_{420}^4\ \Phi_{210}^2\ \Phi_{140}\ \Phi_{105}^2\ \Phi_{84}^4\ \Phi_{70}\ \Phi_{60}^4\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^2\ \Phi_3^2$
47684	942	180	$\frac{1}{15}$	$\frac{23}{180}$	$\frac{7}{30}$	$\frac{1}{4}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^3\ \Phi_{45}^6\ \Phi_{36}^6\ \Phi_{30}^5\ \Phi_{20}^3\ \Phi_{18}^6\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^5\ \Phi_9^6\ \Phi_6^5\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
47685	942	168	$\frac{11}{168}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{168}^6\ \Phi_{84}^6\ \Phi_{56}^6\ \Phi_{42}^6\ \Phi_{28}^3\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{14}^5\ \Phi_{12}^6\ \Phi_8^6\ \Phi_7^4\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^4\ \Phi_1^4$
47686	942	1500	$\frac{1}{15}$	$\frac{61}{375}$	$\frac{14}{75}$	$\frac{1}{4}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{250}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
47687	942	1540	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{385}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{220}\ \Phi_{140}\ \Phi_{110}\ \Phi_{70}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
47688	943	1260	$\frac{2}{315}$	$\frac{317}{1260}$	$\frac{1}{3}$	$\frac{313}{630}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
47689	943	1872	$\frac{7}{936}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{929}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
47690	943	1872	$\frac{7}{936}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{929}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_9\ \Phi_1$
47691	943	1134	$\frac{2}{189}$	$\frac{191}{1134}$	$\frac{1}{3}$	$\frac{187}{378}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{189}\ \Phi_{162}\ \Phi_{81}\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$
47692	943	1860	$\frac{13}{930}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{917}{1860}$	$\Phi_{1860}\ \Phi_{620}\ \Phi_{372}\ \Phi_{124}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
47693	943	1080	$\frac{2}{135}$	$\frac{137}{1080}$	$\frac{1}{3}$	$\frac{133}{270}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
47694	943	1050	$\frac{2}{105}$	$\frac{107}{1050}$	$\frac{1}{3}$	$\frac{103}{210}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{175}\ \Phi_{150}\ \Phi_{105}\ \Phi_{75}\ \Phi_{50}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_1$
47695	943	1848	$\frac{19}{924}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{905}{1848}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{168}\ \Phi_{88}\ \Phi_{56}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$
47696	943	45	$\frac{1}{45}$	$\frac{4}{45}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{45}^{21}\ \Phi_{15}^{21}\ \Phi_9^{21}\ \Phi_5^{21}\ \Phi_3^{20}\ \Phi_1^{21}$
47697	943	880	$\frac{1}{40}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{39}{80}$	$\Phi_{880}^2\ \Phi_{176}^2\ \Phi_{80}^3\ \Phi_{44}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
47698	943	2640	$\frac{1}{40}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{39}{80}$	$\Phi_{2640}\ \Phi_{528}\ \Phi_{240}\ \Phi_{80}\ \Phi_{48}\ \Phi_{33}\ \Phi_{16}\ \Phi_3\ \Phi_1$
47699	943	1836	$\frac{25}{918}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{893}{1836}$	$\Phi_{1836}\ \Phi_{612}\ \Phi_{204}\ \Phi_{108}\ \Phi_{68}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
47700	943	1008	$\frac{2}{63}$	$\frac{65}{1008}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
47701	943	990	$\frac{2}{45}$	$\frac{47}{990}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_9\ \Phi_5\ \Phi_1$
47702	943	660	$\frac{1}{22}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{21}{44}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{60}^3\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
47703	943	44	$\frac{1}{22}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{44}^{22}\ \Phi_{22}^{21}\ \Phi_{11}^{21}\ \Phi_4^{21}\ \Phi_2^{20}\ \Phi_1^{21}$
47704	943	1980	$\frac{1}{22}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{180}\ \Phi_{132}\ \Phi_{60}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
47705	943	1100	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{21}{44}$	$\Phi_{1100}^2\ \Phi_{100}^2\ \Phi_{50}\ \Phi_{44}\ \Phi_{25}\ \Phi_4\ \Phi_1$
47706	943	528	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{21}{44}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{48}^3\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
47707	943	1800	$\frac{2}{45}$	$\frac{43}{900}$	$\frac{1}{3}$	$\frac{857}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
47708	943	312	$\frac{1}{24}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{78}^2\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{24}^5\ \Phi_{13}^3\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
47709	943	1764	$\frac{2}{63}$	$\frac{61}{882}$	$\frac{1}{3}$	$\frac{821}{1764}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{252}\ \Phi_{196}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
47710	943	168	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{168}^6\ \Phi_{84}^6\ \Phi_{56}^5\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{24}^5\ \Phi_{21}^6\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_8^4\ \Phi_7^5\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
47711	943	972	$\frac{29}{972}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
47712	943	42	$\frac{1}{42}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{42}^{22}\ \Phi_{21}^{23}\ \Phi_{14}^{22}\ \Phi_7^{23}\ \Phi_6^{22}\ \Phi_3^{22}\ \Phi_2^{22}\ \Phi_1^{23}$
47713	943	1680	$\frac{2}{105}$	$\frac{103}{840}$	$\frac{1}{3}$	$\frac{737}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{48}\ \Phi_{35}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_1$
47714	943	672	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{672}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
47715	943	960	$\frac{17}{960}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
47716	943	72	$\frac{1}{24}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{72}^{11}\ \Phi_{36}^{12}\ \Phi_{24}^{16}\ \Phi_{18}^{12}\ \Phi_{12}^{17}\ \Phi_{9}^{12}\ \Phi_{8}^{16}\ \Phi_{6}^{16}\ \Phi_{4}^{17}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
47717	943	840	$\frac{1}{42}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{840}^{2}\ \Phi_{280}^{2}\ \Phi_{168}^{2}\ \Phi_{120}^{2}\ \Phi_{84}^{2}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{40}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
47718	943	1620	$\frac{2}{135}$	$\frac{133}{810}$	$\frac{1}{3}$	$\frac{677}{1620}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{324}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
47719	943	1404	$\frac{7}{468}$	$\frac{1}{6}$	$\frac{461}{1404}$	$\frac{5}{12}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
47720	943	960	$\frac{17}{960}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
47721	943	1248	$\frac{7}{312}$	$\frac{1}{6}$	$\frac{305}{1248}$	$\frac{5}{12}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{208}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
47722	943	972	$\frac{29}{972}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
47723	943	48	$\frac{1}{24}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{48}^{23}\ \Phi_{24}^{16}\ \Phi_{16}^{23}\ \Phi_{12}^{17}\ \Phi_{8}^{16}\ \Phi_{6}^{16}\ \Phi_{4}^{17}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
47724	943	1092	$\frac{7}{156}$	$\frac{149}{1092}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{91}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
47725	943	1008	$\frac{65}{1008}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
47726	943	840	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}^{2}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{60}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
47727	943	954	$\frac{11}{954}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{954}\ \Phi_{477}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}\ \Phi_{53}\ \Phi_{9}\ \Phi_{1}$
47728	943	1512	$\frac{2}{189}$	$\frac{187}{756}$	$\frac{1}{3}$	$\frac{569}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
47729	943	252	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{252}^{6}\ \Phi_{84}^{6}\ \Phi_{42}^{5}\ \Phi_{36}^{5}\ \Phi_{28}^{6}\ \Phi_{21}^{5}\ \Phi_{14}^{5}\ \Phi_{12}^{5}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
47730	943	1215	$\frac{2}{135}$	$\frac{272}{1215}$	$\frac{133}{405}$	$\frac{1}{3}$	$\Phi_{1215}\ \Phi_{243}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
47731	943	1404	$\frac{7}{468}$	$\frac{2}{9}$	$\frac{461}{1404}$	$\frac{1}{3}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
47732	943	1395	$\frac{13}{465}$	$\frac{2}{15}$	$\frac{452}{1395}$	$\frac{1}{3}$	$\Phi_{1395}\ \Phi_{279}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
47733	943	1386	$\frac{19}{462}$	$\frac{2}{21}$	$\frac{443}{1386}$	$\frac{1}{3}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{63}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
47734	943	1377	$\frac{25}{459}$	$\frac{2}{27}$	$\frac{434}{1377}$	$\frac{1}{3}$	$\Phi_{1377}\ \Phi_{81}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
47735	943	1350	$\frac{2}{45}$	$\frac{43}{450}$	$\frac{407}{1350}$	$\frac{1}{3}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{270}\ \Phi_{135}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
47736	943	1323	$\frac{2}{63}$	$\frac{61}{441}$	$\frac{380}{1323}$	$\frac{1}{3}$	$\Phi_{1323}\ \Phi_{189}\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
47737	943	1260	$\frac{2}{105}$	$\frac{103}{420}$	$\frac{317}{1260}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
47738	943	1080	$\frac{2}{45}$	$\frac{137}{1080}$	$\frac{43}{180}$	$\frac{1}{3}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
47739	943	1008	$\frac{65}{1008}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
47740	943	972	$\frac{29}{972}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
47741	943	1170	$\frac{7}{234}$	$\frac{227}{1170}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
47742	943	1053	$\frac{7}{117}$	$\frac{110}{1053}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1053}\ \Phi_{351}\ \Phi_{81}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
47743	943	1008	$\frac{65}{1008}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
47744	943	225	$\frac{2}{25}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{225}^{5}\ \Phi_{75}^{3}\ \Phi_{45}^{3}\ \Phi_{25}^{5}\ \Phi_{15}^{2}\ \Phi_{9}^{3}\ \Phi_{5}^{3}\ \Phi_{3}\ \Phi_{1}^{3}$
47745	943	1125	$\frac{2}{45}$	$\frac{182}{1125}$	$\frac{43}{225}$	$\frac{1}{3}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{125}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
47746	943	1155	$\frac{19}{231}$	$\frac{2}{21}$	$\frac{212}{1155}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{165}\ \Phi_{105}\ \Phi_{55}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
47747	943	660	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{19}{60}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}^{2}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}^{2}\ \Phi_{66}\ \Phi_{60}^{2}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{30}^{2}\ \Phi_{22}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
47748	943	132	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{132}^{10}\ \Phi_{66}^{10}\ \Phi_{44}\ \Phi_{33}^{11}\ \Phi_{22}\ \Phi_{12}^{10}\ \Phi_{11}\ \Phi_{6}^{10}\ \Phi_{3}^{11}\ \Phi_{1}$
47749	943	495	$\frac{4}{45}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{495}^{2}\ \Phi_{165}\ \Phi_{99}^{2}\ \Phi_{55}^{2}\ \Phi_{45}^{3}\ \Phi_{33}^{2}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
47750	943	1650	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{10}{33}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{33}\ \Phi_{25}\ \Phi_{3}\ \Phi_{1}$
47751	943	528	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{10}{33}$	$\Phi_{528}^{2}\ \Phi_{264}\ \Phi_{176}^{2}\ \Phi_{132}\ \Phi_{88}^{2}\ \Phi_{66}\ \Phi_{48}^{3}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{16}^{3}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
47752	943	216	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{216}^{6}\ \Phi_{108}^{6}\ \Phi_{54}^{5}\ \Phi_{27}^{5}\ \Phi_{24}^{5}\ \Phi_{12}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
47753	944	705	$\frac{1}{235}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{117}{235}$	$\Phi_{705}\ \Phi_{235}^{2}\ \Phi_{141}\ \Phi_{47}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
47754	944	943	$\frac{5}{943}$	$\frac{237}{943}$	$\frac{353}{943}$	$\frac{469}{943}$	$\Phi_{943}\ \Phi_{41}\ \Phi_{23}\ \Phi_{1}^{2}$
47755	944	1419	$\frac{3}{473}$	$\frac{119}{473}$	$\frac{1}{3}$	$\frac{235}{473}$	$\Phi_{1419}\ \Phi_{129}\ \Phi_{33}$
47756	944	819	$\frac{1}{117}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{58}{117}$	$\Phi_{819}\ \Phi_{273}\ \Phi_{117}^{2}\ \Phi_{91}\ \Phi_{63}\ \Phi_{39}^{2}\ \Phi_{21}\ \Phi_{13}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
47757	944	585	$\frac{1}{117}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{58}{117}$	$\Phi_{585}^{2}\ \Phi_{195}^{2}\ \Phi_{65}^{2}\ \Phi_{45}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
47758	944	943	$\frac{9}{943}$	$\frac{119}{943}$	$\frac{412}{943}$	$\frac{467}{943}$	$\Phi_{943}\ \Phi_{41}\ \Phi_{23}\ \Phi_{1}^{2}$
47759	944	395	$\frac{1}{79}$	$\frac{1}{5}$	$\frac{20}{79}$	$\frac{39}{79}$	$\Phi_{395}^{3}\ \Phi_{5}^{2}$
47760	944	943	$\frac{13}{943}$	$\frac{176}{943}$	$\frac{239}{943}$	$\frac{465}{943}$	$\Phi_{943}\ \Phi_{41}\ \Phi_{23}\ \Phi_{1}^{2}$
47761	944	1419	$\frac{7}{473}$	$\frac{60}{473}$	$\frac{1}{3}$	$\frac{233}{473}$	$\Phi_{1419}\ \Phi_{129}\ \Phi_{33}$
47762	944	1740	$\frac{1}{58}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{57}{116}$	$\Phi_{1740}\ \Phi_{580}\ \Phi_{348}\ \Phi_{116}^{2}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
47763	944	1044	$\frac{1}{58}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{57}{116}$	$\Phi_{1044}^{2}\ \Phi_{348}\ \Phi_{116}^{2}\ \Phi_{36}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
47764	944	580	$\frac{1}{58}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{57}{116}$	$\Phi_{580}^{3}\ \Phi_{116}^{4}\ \Phi_{20}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
47765	944	231	$\frac{5}{231}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{113}{231}$	$\Phi_{231}^{4}\ \Phi_{77}^{4}\ \Phi_{33}^{5}\ \Phi_{21}^{4}\ \Phi_{11}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
47766	944	129	$\frac{1}{43}$	$\frac{11}{129}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{129}^{7}\ \Phi_{43}^{8}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
47767	944	451	$\frac{1}{41}$	$\frac{21}{451}$	$\frac{215}{451}$	$\frac{20}{41}$	$\Phi_{451}^{2}\ \Phi_{41}^{3}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
47768	944	115	$\frac{3}{115}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{56}{115}$	$\Phi_{115}^{8}\ \Phi_{23}^{9}\ \Phi_{5}^{8}\ \Phi_{1}^{10}$
47769	944	115	$\frac{3}{115}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{56}{115}$	$\Phi_{115}^{8}\ \Phi_{23}^{9}\ \Phi_{5}^{8}\ \Phi_{1}^{10}$
47770	944	1938	$\frac{2}{57}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{1938}\ \Phi_{646}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
47771	944	345	$\frac{1}{23}$	$\frac{6}{115}$	$\frac{109}{345}$	$\frac{11}{23}$	$\Phi_{345}^{4}\ \Phi_{69}^{4}\ \Phi_{23}\ \Phi_{15}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
47772	944	253	$\frac{1}{23}$	$\frac{17}{253}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{253}^{4}\ \Phi_{23}\ \Phi_{11}^{4}\ \Phi_{1}^{2}$
47773	944	575	$\frac{1}{23}$	$\frac{12}{115}$	$\frac{103}{575}$	$\frac{11}{23}$	$\Phi_{575}^{2}\ \Phi_{25}^{2}\ \Phi_{23}\ \Phi_{1}^{2}$
47774	944	69	$\frac{1}{23}$	$\frac{3}{23}$	$\frac{10}{69}$	$\frac{11}{23}$	$\Phi_{69}^{16}\ \Phi_{23}^{9}\ \Phi_{3}^{16}\ \Phi_{1}^{10}$
47775	944	1360	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{1360}\ \Phi_{340}\ \Phi_{272}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}$
47776	944	897	$\frac{1}{23}$	$\frac{47}{897}$	$\frac{22}{69}$	$\frac{425}{897}$	$\Phi_{897}\ \Phi_{299}\ \Phi_{69}^{2}\ \Phi_{39}\ \Phi_{23}\ \Phi_{13}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
47777	944	1904	$\frac{3}{56}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{1904}\ \Phi_{272}\ \Phi_{68}\ \Phi_{34}$
47778	944	1008	$\frac{3}{56}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{53}{112}$	$\Phi_{1008}^{2}\ \Phi_{336}^{2}\ \Phi_{144}^{2}\ \Phi_{63}\ \Phi_{48}^{2}\ \Phi_{21}$
47779	944	612	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{9}{68}$	$\frac{8}{17}$	$\Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{204}^{2}\ \Phi_{153}\ \Phi_{102}^{2}\ \Phi_{51}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
47780	944	435	$\frac{1}{29}$	$\frac{1}{15}$	$\frac{28}{87}$	$\frac{7}{15}$	$\Phi_{435}^{2}\ \Phi_{145}^{2}\ \Phi_{87}^{3}\ \Phi_{29}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
47781	944	161	$\frac{1}{23}$	$\frac{11}{161}$	$\frac{43}{161}$	$\frac{75}{161}$	$\Phi_{161}^{6}\ \Phi_{23}^{5}\ \Phi_{7}^{6}\ \Phi_{1}^{6}$
47782	944	1870	$\frac{1}{17}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{1870}\ \Phi_{374}\ \Phi_{170}\ \Phi_{85}\ \Phi_{34}$
47783	944	123	$\frac{5}{123}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{123}^{8}\ \Phi_{41}^{7}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
47784	944	1224	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
47785	944	363	$\frac{3}{121}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{363}^{4}\ \Phi_{33}^{3}\ \Phi_{3}^{2}$
47786	944	1836	$\frac{1}{17}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{1836}\ \Phi_{612}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
47787	944	861	$\frac{1}{41}$	$\frac{83}{861}$	$\frac{40}{123}$	$\frac{389}{861}$	$\Phi_{861}\ \Phi_{287}\ \Phi_{123}^2\ \Phi_{41}\ \Phi_{21}\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
47788	944	645	$\frac{1}{43}$	$\frac{21}{215}$	$\frac{1}{3}$	$\frac{97}{215}$	$\Phi_{645}^2\ \Phi_{129}^3\ \Phi_{15}^2\ \Phi_3^2$
47789	944	82	$\frac{1}{41}$	$\frac{5}{41}$	$\frac{23}{82}$	$\frac{18}{41}$	$\Phi_{82}^{16}\ \Phi_{41}^7\ \Phi_2^{16}\ \Phi_1^8$
47790	944	207	$\frac{1}{23}$	$\frac{29}{207}$	$\frac{11}{69}$	$\frac{89}{207}$	$\Phi_{207}^4\ \Phi_{69}^6\ \Phi_{23}^5\ \Phi_9^4\ \Phi_3^6\ \Phi_1^6$
47791	944	420	$\frac{1}{60}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^4\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{28}^2\ \Phi_{21}$ $\Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_7^2\ \Phi_6^4\ \Phi_5^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
47792	944	546	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{19}{78}$	$\frac{3}{7}$	$\Phi_{546}^2\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{91}\ \Phi_{78}^4\ \Phi_{42}^2\ \Phi_{39}^2\ \Phi_{26}^4\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_7^2$ $\Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
47793	944	63	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{63}^{15}\ \Phi_{21}^{15}\ \Phi_9^{14}\ \Phi_7^{16}\ \Phi_3^{14}\ \Phi_1^{16}$
47794	944	455	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{455}^2\ \Phi_{91}\ \Phi_{65}^4\ \Phi_{35}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_5^4\ \Phi_1^4$
47795	944	205	$\frac{1}{41}$	$\frac{31}{205}$	$\frac{10}{41}$	$\frac{87}{205}$	$\Phi_{205}^4\ \Phi_{41}^7\ \Phi_5^4\ \Phi_1^8$
47796	944	306	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{8}{51}$	$\frac{43}{102}$	$\Phi_{306}^6\ \Phi_{153}\ \Phi_{102}^4\ \Phi_{51}\ \Phi_{34}^4\ \Phi_{18}^6\ \Phi_6^4\ \Phi_2^4$
47797	944	69	$\frac{1}{23}$	$\frac{10}{69}$	$\frac{11}{69}$	$\frac{29}{69}$	$\Phi_{69}^{14}\ \Phi_{23}^{13}\ \Phi_3^{14}\ \Phi_1^{14}$
47798	944	123	$\frac{5}{123}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{123}^8\ \Phi_{41}^7\ \Phi_3^8\ \Phi_1^8$
47799	944	805	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{139}{805}$	$\frac{333}{805}$	$\Phi_{805}\ \Phi_{161}^2\ \Phi_{115}\ \Phi_{35}\ \Phi_{23}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
47800	944	1020	$\frac{1}{60}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
47801	944	1700	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{1700}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}$
47802	944	1632	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
47803	944	943	$\frac{11}{943}$	$\frac{233}{943}$	$\frac{294}{943}$	$\frac{355}{943}$	$\Phi_{943}\ \Phi_{41}\ \Phi_{23}\ \Phi_1^2$
47804	944	1419	$\frac{5}{473}$	$\frac{117}{473}$	$\frac{1}{3}$	$\frac{178}{473}$	$\Phi_{1419}\ \Phi_{129}\ \Phi_{33}$
47805	944	1088	$\frac{1}{17}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1088}\ \Phi_{544}\ \Phi_{272}\ \Phi_{68}\ \Phi_{34}$
47806	944	369	$\frac{1}{41}$	$\frac{20}{123}$	$\frac{103}{369}$	$\frac{133}{369}$	$\Phi_{369}^2\ \Phi_{123}^4\ \Phi_{41}^3\ \Phi_9^2\ \Phi_3^4\ \Phi_1^4$
47807	944	1530	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{1530}\ \Phi_{510}\ \Phi_{306}\ \Phi_{255}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{51}\ \Phi_{34}$
47808	944	357	$\frac{1}{119}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{357}^3\ \Phi_{119}^2\ \Phi_{51}^3\ \Phi_{21}^3\ \Phi_{17}^2\ \Phi_7^2$
47809	944	705	$\frac{3}{235}$	$\frac{58}{235}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{705}\ \Phi_{235}^2\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
47810	944	60	$\frac{1}{60}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{60}^{16}\ \Phi_{30}^{16}\ \Phi_{20}^{16}\ \Phi_{15}^{15}\ \Phi_{12}^{16}\ \Phi_{10}^{16}\ \Phi_6^{16}\ \Phi_5^{14}\ \Phi_4^{16}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{16}$
47811	944	141	$\frac{1}{47}$	$\frac{23}{141}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{141}^7\ \Phi_{47}^6\ \Phi_3^8\ \Phi_1^8$
47812	944	1755	$\frac{2}{117}$	$\frac{1}{5}$	$\frac{115}{351}$	$\frac{1}{3}$	$\Phi_{1755}\ \Phi_{135}\ \Phi_{15}$
47813	944	261	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{28}{87}$	$\frac{1}{3}$	$\Phi_{261}^4\ \Phi_{87}^3\ \Phi_{29}^2\ \Phi_9^6\ \Phi_3^4\ \Phi_1^4$
47814	944	693	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{221}{693}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{99}^2\ \Phi_{63}^2\ \Phi_{33}\ \Phi_9^2$
47815	944	495	$\frac{23}{495}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2$
47816	944	645	$\frac{1}{43}$	$\frac{42}{215}$	$\frac{173}{645}$	$\frac{1}{3}$	$\Phi_{645}\ \Phi_{215}^2\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
47817	944	390	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{19}{78}$	$\frac{1}{3}$	$\Phi_{390}^4\ \Phi_{195}^2\ \Phi_{130}^4\ \Phi_{65}^2\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
47818	944	231	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{18}{77}$	$\frac{1}{3}$	$\Phi_{231}^6\ \Phi_{33}^7\ \Phi_{21}^6\ \Phi_3^6$
47819	944	129	$\frac{3}{43}$	$\frac{11}{129}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{129}^7\ \Phi_{43}^8\ \Phi_3^6\ \Phi_1^8$
47820	944	1215	$\frac{7}{243}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{135}\ \Phi_{15}$
47821	944	1365	$\frac{2}{39}$	$\frac{37}{273}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{105}\ \Phi_{35}\ \Phi_{15}$
47822	944	315	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{45}^2\ \Phi_{35}^4\ \Phi_{15}^3\ \Phi_5^2$
47823	944	195	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{195}^7\ \Phi_{39}^8\ \Phi_{15}^8\ \Phi_3^8$
47824	944	66	$\frac{1}{11}$	$\frac{7}{66}$	$\frac{5}{33}$	$\frac{1}{3}$	$\Phi_{66}^{16}\ \Phi_{33}^{13}\ \Phi_{22}^{16}\ \Phi_{11}^{12}\ \Phi_6^{16}\ \Phi_3^{12}\ \Phi_2^{16}\ \Phi_1^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
47825	944	1617	$\frac{1}{11}$	$\frac{67}{539}$	$\frac{10}{77}$	$\frac{1}{3}$	$\Phi_{1617}\ \Phi_{147}\ \Phi_{33}$
47826	944	435	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{28}{87}$	$\Phi_{435}^3\ \Phi_{87}^4\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
47827	944	153	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{35}{153}$	$\frac{16}{51}$	$\Phi_{153}^6\ \Phi_{51}^7\ \Phi_{17}^6\ \Phi_9^5\ \Phi_3^6\ \Phi_1^6$
47828	944	69	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{10}{69}$	$\frac{7}{23}$	$\Phi_{69}^{16}\ \Phi_{23}^9\ \Phi_3^{16}\ \Phi_1^{10}$
47829	944	1428	$\frac{1}{17}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{357}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
47830	944	252	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{25}{84}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^2\ \Phi_{63}^5\ \Phi_{42}^2\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_9^4\ \Phi_7^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
47831	944	621	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{149}{621}$	$\frac{58}{207}$	$\Phi_{621}^2\ \Phi_{69}^2\ \Phi_{27}^2\ \Phi_{23}\ \Phi_3^2\ \Phi_1^2$
47832	944	1224	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
47833	944	395	$\frac{3}{79}$	$\frac{1}{5}$	$\frac{19}{79}$	$\frac{20}{79}$	$\Phi_{395}^3\ \Phi_5^2$
47834	944	630	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{3}{14}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^2$
47835	944	133	$\frac{15}{133}$	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{133}^7\ \Phi_{19}^8\ \Phi_7^6\ \Phi_1^8$
47836	945	376	$\frac{1}{188}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{187}{376}$	$\Phi_{376}\ \Phi_{188}^4\ \Phi_{94}^4\ \Phi_{47}^4\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
47837	945	804	$\frac{1}{134}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{133}{268}$	$\Phi_{402}^2\ \Phi_{268}\ \Phi_{201}^2\ \Phi_{134}^2\ \Phi_{67}^2\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
47838	945	2412	$\frac{1}{134}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{133}{268}$	$\Phi_{2412}\ \Phi_{268}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
47839	945	1264	$\frac{3}{316}$	$\frac{1}{4}$	$\frac{319}{1264}$	$\frac{313}{632}$	$\Phi_{1264}\ \Phi_{316}\ \Phi_{158}\ \Phi_{79}\ \Phi_{16}\ \Phi_1$
47840	945	208	$\frac{1}{104}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{103}{208}$	$\Phi_{208}\ \Phi_{104}^8\ \Phi_{52}^8\ \Phi_{26}^8\ \Phi_{16}^2\ \Phi_{13}^8\ \Phi_8^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
47841	945	208	$\frac{1}{104}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{103}{208}$	$\Phi_{208}^9\ \Phi_{16}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
47842	945	868	$\frac{1}{62}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{61}{124}$	$\Phi_{434}^2\ \Phi_{217}^2\ \Phi_{124}\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{28}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
47843	945	868	$\frac{1}{62}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{61}{124}$	$\Phi_{868}^2\ \Phi_{124}^3\ \Phi_{28}^2\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
47844	945	372	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{61}{124}$	$\Phi_{372}^2\ \Phi_{186}^4\ \Phi_{124}\ \Phi_{93}^4\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{12}^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
47845	945	1856	$\frac{17}{928}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{911}{1856}$	$\Phi_{1856}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
47846	945	1110	$\frac{4}{185}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{181}{370}$	$\Phi_{1110}\ \Phi_{555}\ \Phi_{222}\ \Phi_{185}\ \Phi_{111}\ \Phi_{37}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
47847	945	440	$\frac{1}{44}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{43}{88}$	$\Phi_{220}^4\ \Phi_{110}^4\ \Phi_{88}\ \Phi_{55}^4\ \Phi_{44}^4\ \Phi_{40}\ \Phi_{22}^4\ \Phi_{20}^4\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_8^2\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
47848	945	440	$\frac{1}{44}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{43}{88}$	$\Phi_{440}^4\ \Phi_{88}^5\ \Phi_{40}^4\ \Phi_{10}^2\ \Phi_8^5\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
47849	945	88	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{43}{88}$	$\Phi_{88}^9\ \Phi_{44}^{12}\ \Phi_{22}^{12}\ \Phi_{11}^{12}\ \Phi_8^{12}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
47850	945	2200	$\frac{1}{44}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{43}{88}$	$\Phi_{2200}\ \Phi_{200}\ \Phi_{88}\ \Phi_{25}\ \Phi_8\ \Phi_1$
47851	945	228	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{13}{76}$	$\frac{37}{76}$	$\Phi_{228}^4\ \Phi_{114}^6\ \Phi_{76}^2\ \Phi_{57}^6\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_{12}^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
47852	945	884	$\frac{1}{34}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{33}{68}$	$\Phi_{442}^2\ \Phi_{221}^2\ \Phi_{68}\ \Phi_{52}\ \Phi_{34}^2\ \Phi_{26}^2\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
47853	945	884	$\frac{1}{34}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{33}{68}$	$\Phi_{884}^2\ \Phi_{68}^3\ \Phi_{52}^2\ \Phi_{13}^2\ \Phi_4^3\ \Phi_1^3$
47854	945	340	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{340}^2\ \Phi_{170}^4\ \Phi_{85}^4\ \Phi_{68}\ \Phi_{34}^2\ \Phi_{20}^4\ \Phi_{17}^2\ \Phi_{10}^5\ \Phi_5^5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
47855	945	608	$\frac{11}{304}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{293}{608}$	$\Phi_{608}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
47856	945	2652	$\frac{1}{26}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{25}{52}$	$\Phi_{2652}\ \Phi_{204}\ \Phi_{156}\ \Phi_{52}\ \Phi_{51}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
47857	945	884	$\frac{1}{26}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{25}{52}$	$\Phi_{884}^2\ \Phi_{68}^2\ \Phi_{52}^3\ \Phi_{17}^2\ \Phi_4^3\ \Phi_1^3$
47858	945	312	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{25}{52}$	$\Phi_{312}^4\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^4\ \Phi_{52}\ \Phi_{39}^4\ \Phi_{26}^2\ \Phi_{24}^6\ \Phi_{13}^2\ \Phi_{12}^4\ \Phi_8^3\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
47859	945	256	$\frac{3}{64}$	$\frac{1}{16}$	$\frac{67}{256}$	$\frac{61}{128}$	$\Phi_{256}^5\ \Phi_{64}^5\ \Phi_{32}^5\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
47860	945	440	$\frac{1}{22}$	$\frac{1}{20}$	$\frac{7}{22}$	$\frac{19}{40}$	$\Phi_{440}^4\ \Phi_{88}^4\ \Phi_{40}^5\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^5\ \Phi_2^2\ \Phi_1^3$
47861	945	80	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{80}^{12}\ \Phi_{40}^9\ \Phi_{20}^{12}\ \Phi_{16}^{15}\ \Phi_{10}^{12}\ \Phi_8^{12}\ \Phi_5^{12}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
47862	945	440	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{19}{40}$	$\Phi_{440}^4\ \Phi_{88}^4\ \Phi_{40}^5\ \Phi_{11}^4\ \Phi_8^5\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
47863	945	120	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{120}^{18}\ \Phi_{40}^{9}\ \Phi_{30}^{2}\ \Phi_{24}^{18}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{8}^{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
47864	945	1088	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{143}{1088}$	$\frac{129}{272}$	$\Phi_{1088}\ \Phi_{544}\ \Phi_{136}\ \Phi_{68}\ \Phi_{64}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{1}$
47865	945	256	$\frac{7}{128}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{121}{256}$	$\Phi_{256}^{7}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
47866	945	256	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{121}{256}$	$\Phi_{256}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
47867	945	924	$\frac{1}{28}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}^{2}\ \Phi_{77}\ \Phi_{44}\ \Phi_{42}^{2}\ \Phi_{33}\ \Phi_{28}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
47868	945	868	$\frac{1}{31}$	$\frac{1}{14}$	$\frac{10}{31}$	$\frac{13}{28}$	$\Phi_{868}^{2}\ \Phi_{124}^{2}\ \Phi_{31}^{2}\ \Phi_{28}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
47869	945	308	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{308}^{2}\ \Phi_{154}^{4}\ \Phi_{77}^{4}\ \Phi_{44}^{4}\ \Phi_{28}\ \Phi_{22}^{5}\ \Phi_{14}^{2}\ \Phi_{11}^{5}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
47870	945	868	$\frac{1}{14}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{13}{28}$	$\Phi_{868}^{2}\ \Phi_{124}^{2}\ \Phi_{31}^{2}\ \Phi_{28}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
47871	945	280	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{13}{28}$	$\Phi_{280}^{4}\ \Phi_{140}^{2}\ \Phi_{70}^{4}\ \Phi_{56}^{2}\ \Phi_{40}^{6}\ \Phi_{35}^{4}\ \Phi_{28}\ \Phi_{20}^{4}\ \Phi_{14}^{2}\ \Phi_{10}^{5}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
47872	945	352	$\frac{1}{16}$	$\frac{13}{176}$	$\frac{3}{16}$	$\frac{163}{352}$	$\Phi_{352}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
47873	945	128	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{23}{128}$	$\frac{59}{128}$	$\Phi_{128}^{6}\ \Phi_{64}^{9}\ \Phi_{32}^{9}\ \Phi_{16}^{8}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
47874	945	336	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{336}^{4}\ \Phi_{112}^{4}\ \Phi_{84}^{4}\ \Phi_{48}^{3}\ \Phi_{42}^{4}\ \Phi_{28}^{3}\ \Phi_{21}^{4}\ \Phi_{16}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
47875	945	448	$\frac{1}{28}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{448}^{4}\ \Phi_{64}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
47876	945	64	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{5}{32}$	$\frac{29}{64}$	$\Phi_{64}^{27}\ \Phi_{32}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
47877	945	600	$\frac{11}{200}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{600}^{2}\ \Phi_{300}^{2}\ \Phi_{200}\ \Phi_{150}^{2}\ \Phi_{120}^{2}\ \Phi_{100}\ \Phi_{75}^{2}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}^{2}\ \Phi_{25}\ \Phi_{24}^{2}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
47878	945	114	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{6}$	$\frac{17}{38}$	$\Phi_{114}^{10}\ \Phi_{57}^{10}\ \Phi_{38}\ \Phi_{19}^{9}\ \Phi_{6}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{9}$
47879	945	208	$\frac{1}{52}$	$\frac{1}{8}$	$\frac{17}{52}$	$\frac{7}{16}$	$\Phi_{208}^{8}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{16}^{9}\ \Phi_{13}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
47880	945	144	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{144}^{12}\ \Phi_{48}^{12}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{16}^{9}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
47881	945	208	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{5}{26}$	$\frac{7}{16}$	$\Phi_{208}^{8}\ \Phi_{26}^{4}\ \Phi_{16}^{9}\ \Phi_{13}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
47882	945	528	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{528}^{4}\ \Phi_{176}^{2}\ \Phi_{66}^{2}\ \Phi_{48}^{2}\ \Phi_{33}^{2}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
47883	945	208	$\frac{3}{52}$	$\frac{1}{8}$	$\frac{7}{52}$	$\frac{7}{16}$	$\Phi_{208}^{8}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{16}^{9}\ \Phi_{13}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
47884	945	16	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{16}^{56}\ \Phi_{8}^{62}\ \Phi_{4}^{62}\ \Phi_{2}^{62}\ \Phi_{1}^{63}$
47885	945	624	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{624}^{3}\ \Phi_{208}^{2}\ \Phi_{48}^{3}\ \Phi_{39}^{3}\ \Phi_{16}^{3}\ \Phi_{13}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
47886	945	952	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{16}{119}$	$\frac{103}{238}$	$\Phi_{952}\ \Phi_{476}\ \Phi_{136}^{2}\ \Phi_{119}\ \Phi_{68}^{2}\ \Phi_{56}\ \Phi_{34}\ \Phi_{28}\ \Phi_{17}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
47887	945	236	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{17}{118}$	$\frac{101}{236}$	$\Phi_{236}^{7}\ \Phi_{59}^{2}\ \Phi_{4}^{7}\ \Phi_{1}^{3}$
47888	945	544	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{43}{272}$	$\frac{229}{544}$	$\Phi_{544}^{3}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{32}^{3}\ \Phi_{17}\ \Phi_{1}$
47889	945	804	$\frac{1}{67}$	$\frac{1}{6}$	$\frac{22}{67}$	$\frac{5}{12}$	$\Phi_{804}^{2}\ \Phi_{268}^{2}\ \Phi_{67}^{2}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
47890	945	276	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{276}^{2}\ \Phi_{138}^{4}\ \Phi_{92}^{4}\ \Phi_{69}^{4}\ \Phi_{46}^{5}\ \Phi_{23}^{5}\ \Phi_{12}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
47891	945	804	$\frac{2}{67}$	$\frac{1}{6}$	$\frac{13}{67}$	$\frac{5}{12}$	$\Phi_{804}^{2}\ \Phi_{268}^{2}\ \Phi_{67}^{2}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
47892	945	84	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{84}^{12}\ \Phi_{42}^{12}\ \Phi_{28}^{11}\ \Phi_{21}^{12}\ \Phi_{14}^{11}\ \Phi_{12}^{7}\ \Phi_{7}^{11}\ \Phi_{6}^{11}\ \Phi_{4}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
47893	945	804	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{804}^{2}\ \Phi_{268}^{2}\ \Phi_{67}^{2}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
47894	945	240	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{240}^{4}\ \Phi_{120}^{4}\ \Phi_{80}^{6}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{40}^{6}\ \Phi_{30}^{4}\ \Phi_{24}^{2}\ \Phi_{20}^{4}\ \Phi_{16}^{3}\ \Phi_{15}^{4}\ \Phi_{12}\ \Phi_{10}^{5}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
47895	945	320	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{29}{160}$	$\frac{131}{320}$	$\Phi_{320}^{5}\ \Phi_{64}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
47896	945	512	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{59}{256}$	$\frac{197}{512}$	$\Phi_{512}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
47897	945	1024	$\frac{1}{16}$	$\frac{79}{1024}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
47898	945	912	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{37}{152}$	$\frac{115}{304}$	$\Phi_{912}^{2}\ \Phi_{304}\ \Phi_{114}^{2}\ \Phi_{57}^{2}\ \Phi_{48}^{2}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
47899	945	376	$\frac{1}{94}$	$\frac{1}{4}$	$\frac{31}{94}$	$\frac{3}{8}$	$\Phi_{376}^{4}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{8}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
47900	945	64	$\frac{1}{64}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{64}^{15}\ \Phi_{32}^{15}\ \Phi_{16}^{15}\ \Phi_{8}^{12}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
47901	945	1880	$\frac{1}{47}$	$\frac{46}{235}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1880}\ \Phi_{235}\ \Phi_{40}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
47902	945	288	$\frac{1}{36}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{288}^{4}\ \Phi_{144}^{4}\ \Phi_{96}^{4}\ \Phi_{48}^{4}\ \Phi_{36}^{3}\ \Phi_{32}^{3}\ \Phi_{18}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
47903	945	376	$\frac{3}{94}$	$\frac{13}{94}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{376}^{4}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{8}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
47904	945	56	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{56}^{16}\ \Phi_{28}^{19}\ \Phi_{14}^{19}\ \Phi_{8}^{12}\ \Phi_{7}^{19}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
47905	945	376	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{376}^{4}\ \Phi_{47}^{4}\ \Phi_{8}^{5}\ \Phi_{1}^{5}$
47906	945	440	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^{4}\ \Phi_{110}^{2}\ \Phi_{88}^{2}\ \Phi_{55}^{2}\ \Phi_{40}^{2}\ \Phi_{22}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
47907	945	252	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{252}^{4}\ \Phi_{126}^{4}\ \Phi_{84}^{4}\ \Phi_{63}^{4}\ \Phi_{42}^{4}\ \Phi_{36}^{3}\ \Phi_{28}^{4}\ \Phi_{21}^{4}\ \Phi_{18}^{3}\ \Phi_{14}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
47908	945	756	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{756}\ \Phi_{378}\ \Phi_{252}^{2}\ \Phi_{189}\ \Phi_{126}^{2}\ \Phi_{108}\ \Phi_{84}^{2}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}^{2}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
47909	945	32	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{32}^{45}\ \Phi_{16}^{14}\ \Phi_{8}^{14}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
47910	945	136	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{11}{34}$	$\frac{23}{68}$	$\Phi_{136}^{8}\ \Phi_{68}^{5}\ \Phi_{34}^{7}\ \Phi_{17}^{7}\ \Phi_{8}^{7}\ \Phi_{4}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
47911	945	316	$\frac{1}{79}$	$\frac{1}{4}$	$\frac{26}{79}$	$\frac{53}{158}$	$\Phi_{316}^{4}\ \Phi_{158}\ \Phi_{79}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
47912	945	472	$\frac{1}{118}$	$\frac{39}{118}$	$\frac{157}{472}$	$\frac{79}{236}$	$\Phi_{472}^{3}\ \Phi_{118}^{2}\ \Phi_{59}^{2}\ \Phi_{8}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
47913	945	603	$\frac{1}{67}$	$\frac{2}{9}$	$\frac{22}{67}$	$\frac{1}{3}$	$\Phi_{603}^{2}\ \Phi_{67}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
47914	945	828	$\frac{1}{46}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{828}^{2}\ \Phi_{414}\ \Phi_{207}\ \Phi_{92}^{2}\ \Phi_{46}\ \Phi_{36}\ \Phi_{23}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
47915	945	603	$\frac{2}{67}$	$\frac{13}{67}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{603}^{2}\ \Phi_{67}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
47916	945	252	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{252}^{5}\ \Phi_{126}^{5}\ \Phi_{84}^{2}\ \Phi_{63}^{5}\ \Phi_{42}^{2}\ \Phi_{36}^{5}\ \Phi_{28}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
47917	945	603	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{603}^{2}\ \Phi_{67}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
47918	945	720	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}^{2}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{36}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
47919	945	52	$\frac{1}{52}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{17}{52}$	$\Phi_{52}^{18}\ \Phi_{26}^{18}\ \Phi_{13}^{18}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
47920	945	236	$\frac{5}{236}$	$\frac{53}{236}$	$\frac{61}{236}$	$\frac{77}{236}$	$\Phi_{236}^{4}\ \Phi_{118}^{4}\ \Phi_{59}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
47921	945	316	$\frac{7}{316}$	$\frac{71}{316}$	$\frac{1}{4}$	$\frac{103}{316}$	$\Phi_{316}^{3}\ \Phi_{158}^{3}\ \Phi_{79}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
47922	945	217	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{10}{31}$	$\Phi_{217}^{4}\ \Phi_{31}^{6}\ \Phi_{7}^{6}\ \Phi_{1}^{9}$
47923	945	372	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{10}{31}$	$\Phi_{372}^{4}\ \Phi_{186}^{2}\ \Phi_{124}^{2}\ \Phi_{93}^{2}\ \Phi_{31}^{2}\ \Phi_{12}^{6}\ \Phi_{6}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
47924	945	59	$\frac{2}{59}$	$\frac{8}{59}$	$\frac{17}{59}$	$\frac{19}{59}$	$\Phi_{59}^{16}\ \Phi_{1}^{17}$
47925	945	570	$\frac{7}{190}$	$\frac{1}{6}$	$\frac{43}{190}$	$\frac{61}{190}$	$\Phi_{570}^{2}\ \Phi_{285}^{2}\ \Phi_{190}\ \Phi_{114}^{2}\ \Phi_{95}\ \Phi_{57}^{2}\ \Phi_{38}\ \Phi_{30}^{2}\ \Phi_{19}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
47926	945	472	$\frac{19}{472}$	$\frac{73}{472}$	$\frac{107}{472}$	$\frac{151}{472}$	$\Phi_{472}^{2}\ \Phi_{236}^{2}\ \Phi_{118}^{2}\ \Phi_{59}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
47927	945	316	$\frac{13}{316}$	$\frac{43}{316}$	$\frac{1}{4}$	$\frac{101}{316}$	$\Phi_{316}^{3}\ \Phi_{158}^{3}\ \Phi_{79}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
47928	945	110	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{22}$	$\Phi_{110}^{8}\ \Phi_{55}^{8}\ \Phi_{22}^{10}\ \Phi_{11}^{10}\ \Phi_{10}^{10}\ \Phi_{5}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
47929	945	88	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{22}$	$\Phi_{88}^{12}\ \Phi_{44}^{8}\ \Phi_{22}^{10}\ \Phi_{11}^{10}\ \Phi_{8}^{15}\ \Phi_{4}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
47930	945	550	$\frac{1}{22}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{22}$	$\Phi_{550}^{2}\ \Phi_{275}^{2}\ \Phi_{50}^{2}\ \Phi_{25}^{3}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
47931	945	236	$\frac{11}{236}$	$\frac{23}{236}$	$\frac{71}{236}$	$\frac{75}{236}$	$\Phi_{236}^{4}\ \Phi_{118}^{4}\ \Phi_{59}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
47932	945	136	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{31}{136}$	$\frac{43}{136}$	$\Phi_{136}^{7}\ \Phi_{68}^{7}\ \Phi_{34}^{7}\ \Phi_{17}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
47933	945	228	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{13}{76}$	$\frac{6}{19}$	$\Phi_{228}^{6}\ \Phi_{114}^{4}\ \Phi_{76}^{3}\ \Phi_{57}^{4}\ \Phi_{38}\ \Phi_{19}^{3}\ \Phi_{12}^{6}\ \Phi_{6}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
47934	945	663	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{16}{51}$	$\Phi_{663}^{2}\ \Phi_{51}^{3}\ \Phi_{39}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
47935	945	1020	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{1020}^{2}\ \Phi_{510}\ \Phi_{255}\ \Phi_{204}\ \Phi_{60}^{2}\ \Phi_{51}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
47936	945	118	$\frac{7}{118}$	$\frac{13}{118}$	$\frac{27}{118}$	$\frac{37}{118}$	$\Phi_{118}^{8}\,\Phi_{59}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
47937	945	316	$\frac{19}{316}$	$\frac{31}{316}$	$\frac{1}{4}$	$\frac{99}{316}$	$\Phi_{316}^{3}\,\Phi_{158}^{3}\,\Phi_{79}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
47938	945	221	$\frac{1}{13}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{4}{13}$	$\Phi_{221}^{4}\,\Phi_{17}^{6}\,\Phi_{13}^{6}\,\Phi_{1}^{9}$
47939	945	312	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{4}{13}$	$\Phi_{312}^{4}\,\Phi_{156}^{4}\,\Phi_{104}^{2}\,\Phi_{78}^{2}\,\Phi_{52}^{2}\,\Phi_{39}^{2}\,\Phi_{24}^{6}\,\Phi_{13}^{2}\,\Phi_{12}^{6}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
47940	945	472	$\frac{43}{472}$	$\frac{47}{472}$	$\frac{85}{472}$	$\frac{143}{472}$	$\Phi_{472}^{2}\,\Phi_{236}^{2}\,\Phi_{118}^{2}\,\Phi_{59}^{2}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
47941	945	136	$\frac{13}{136}$	$\frac{1}{8}$	$\frac{19}{136}$	$\frac{41}{136}$	$\Phi_{136}^{7}\,\Phi_{68}^{7}\,\Phi_{34}^{7}\,\Phi_{17}^{7}\,\Phi_{8}^{6}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
47942	945	236	$\frac{23}{236}$	$\frac{29}{236}$	$\frac{33}{236}$	$\frac{71}{236}$	$\Phi_{236}^{4}\,\Phi_{118}^{4}\,\Phi_{59}^{4}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
47943	945	80	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{80}^{12}\,\Phi_{40}^{12}\,\Phi_{20}^{8}\,\Phi_{16}^{15}\,\Phi_{10}^{10}\,\Phi_{8}^{15}\,\Phi_{5}^{10}\,\Phi_{4}^{10}\,\Phi_{2}^{12}\,\Phi_{1}^{13}$
47944	945	110	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{3}{10}$	$\Phi_{110}^{8}\,\Phi_{55}^{8}\,\Phi_{22}^{8}\,\Phi_{11}^{12}\,\Phi_{10}^{10}\,\Phi_{5}^{10}\,\Phi_{2}^{10}\,\Phi_{1}^{15}$
47945	945	30	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{30}^{38}\,\Phi_{15}^{38}\,\Phi_{10}^{19}\,\Phi_{6}^{37}\,\Phi_{5}^{19}\,\Phi_{3}^{37}\,\Phi_{2}^{18}\,\Phi_{1}^{19}$
47946	945	64	$\frac{1}{16}$	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{64}^{15}\,\Phi_{32}^{15}\,\Phi_{16}^{14}\,\Phi_{8}^{14}\,\Phi_{4}^{14}\,\Phi_{2}^{14}\,\Phi_{1}^{15}$
47947	945	64	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{19}{64}$	$\Phi_{64}^{14}\,\Phi_{32}^{14}\,\Phi_{16}^{14}\,\Phi_{8}^{20}\,\Phi_{4}^{20}\,\Phi_{2}^{20}\,\Phi_{1}^{21}$
47948	945	472	$\frac{37}{472}$	$\frac{55}{472}$	$\frac{87}{472}$	$\frac{139}{472}$	$\Phi_{472}^{2}\,\Phi_{236}^{2}\,\Phi_{118}^{2}\,\Phi_{59}^{2}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
47949	945	530	$\frac{1}{10}$	$\frac{13}{106}$	$\frac{15}{106}$	$\frac{31}{106}$	$\Phi_{530}^{2}\,\Phi_{265}^{2}\,\Phi_{106}\,\Phi_{53}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
47950	945	472	$\frac{45}{472}$	$\frac{61}{472}$	$\frac{67}{472}$	$\frac{137}{472}$	$\Phi_{472}^{2}\,\Phi_{236}^{2}\,\Phi_{118}^{2}\,\Phi_{59}^{2}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
47951	945	114	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{6}$	$\frac{11}{38}$	$\Phi_{114}^{10}\,\Phi_{57}^{10}\,\Phi_{38}^{5}\,\Phi_{19}^{5}\,\Phi_{6}^{9}\,\Phi_{3}^{9}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
47952	945	59	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{14}{59}$	$\frac{17}{59}$	$\Phi_{59}^{16}\,\Phi_{1}^{17}$
47953	945	316	$\frac{15}{316}$	$\frac{43}{316}$	$\frac{1}{4}$	$\frac{91}{316}$	$\Phi_{316}^{3}\,\Phi_{158}^{3}\,\Phi_{79}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
47954	945	308	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{308}^{4}\,\Phi_{154}^{2}\,\Phi_{77}^{2}\,\Phi_{44}^{6}\,\Phi_{28}^{2}\,\Phi_{22}^{3}\,\Phi_{11}^{3}\,\Phi_{7}^{2}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
47955	945	217	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{217}^{4}\,\Phi_{31}^{6}\,\Phi_{7}^{6}\,\Phi_{1}^{9}$
47956	945	280	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{280}^{4}\,\Phi_{140}^{4}\,\Phi_{70}^{2}\,\Phi_{56}^{2}\,\Phi_{40}^{6}\,\Phi_{35}^{2}\,\Phi_{28}^{2}\,\Phi_{20}^{6}\,\Phi_{10}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{5}^{3}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
47957	945	506	$\frac{1}{22}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{506}^{2}\,\Phi_{253}^{2}\,\Phi_{46}\,\Phi_{23}\,\Phi_{22}\,\Phi_{11}\,\Phi_{1}$
47958	945	128	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{23}{128}$	$\frac{9}{32}$	$\Phi_{128}^{9}\,\Phi_{64}^{9}\,\Phi_{32}^{3}\,\Phi_{16}^{2}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
47959	945	236	$\frac{19}{236}$	$\frac{31}{236}$	$\frac{41}{236}$	$\frac{65}{236}$	$\Phi_{236}^{4}\,\Phi_{118}^{4}\,\Phi_{59}^{4}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
47960	945	530	$\frac{1}{10}$	$\frac{11}{106}$	$\frac{19}{106}$	$\frac{29}{106}$	$\Phi_{530}^{2}\,\Phi_{265}^{2}\,\Phi_{106}\,\Phi_{53}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
47961	945	472	$\frac{47}{472}$	$\frac{49}{472}$	$\frac{85}{472}$	$\frac{129}{472}$	$\Phi_{472}^{2}\,\Phi_{236}^{2}\,\Phi_{118}^{2}\,\Phi_{59}^{2}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
47962	945	136	$\frac{11}{136}$	$\frac{1}{8}$	$\frac{25}{136}$	$\frac{37}{136}$	$\Phi_{136}^{7}\,\Phi_{68}^{7}\,\Phi_{34}^{7}\,\Phi_{17}^{7}\,\Phi_{8}^{6}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
47963	945	336	$\frac{1}{28}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{336}^{4}\,\Phi_{168}^{4}\,\Phi_{84}^{4}\,\Phi_{48}^{3}\,\Phi_{42}^{4}\,\Phi_{28}^{3}\,\Phi_{24}^{3}\,\Phi_{21}^{4}\,\Phi_{14}^{3}\,\Phi_{12}^{3}\,\Phi_{7}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
47964	945	96	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{13}{48}$	$\Phi_{96}^{16}\,\Phi_{48}^{11}\,\Phi_{32}^{3}\,\Phi_{24}^{11}\,\Phi_{16}^{2}\,\Phi_{12}^{11}\,\Phi_{8}^{2}\,\Phi_{6}^{11}\,\Phi_{4}^{2}\,\Phi_{3}^{11}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
47965	945	472	$\frac{17}{472}$	$\frac{91}{472}$	$\frac{115}{472}$	$\frac{127}{472}$	$\Phi_{472}^{2}\,\Phi_{236}^{2}\,\Phi_{118}^{2}\,\Phi_{59}^{2}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
47966	945	316	$\frac{11}{316}$	$\frac{61}{316}$	$\frac{1}{4}$	$\frac{85}{316}$	$\Phi_{316}^{3}\,\Phi_{158}^{3}\,\Phi_{79}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
47967	945	36	$\frac{1}{36}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{36}^{27}\,\Phi_{18}^{27}\,\Phi_{12}^{27}\,\Phi_{9}^{27}\,\Phi_{6}^{27}\,\Phi_{4}^{20}\,\Phi_{3}^{27}\,\Phi_{2}^{20}\,\Phi_{1}^{21}$
47968	945	416	$\frac{3}{104}$	$\frac{101}{416}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{416}^{3}\,\Phi_{208}^{3}\,\Phi_{32}^{3}\,\Phi_{16}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
47969	945	52	$\frac{1}{26}$	$\frac{5}{26}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{52}^{16}\,\Phi_{26}^{20}\,\Phi_{13}^{20}\,\Phi_{4}^{18}\,\Phi_{2}^{22}\,\Phi_{1}^{23}$
47970	945	132	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{132}^{8}\,\Phi_{66}^{10}\,\Phi_{44}^{4}\,\Phi_{33}^{10}\,\Phi_{22}^{5}\,\Phi_{12}^{4}\,\Phi_{11}^{5}\,\Phi_{6}^{5}\,\Phi_{4}^{2}\,\Phi_{3}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
47971	945	52	$\frac{3}{52}$	$\frac{7}{52}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{52}^{18}\,\Phi_{26}^{18}\,\Phi_{13}^{18}\,\Phi_{4}^{20}\,\Phi_{2}^{20}\,\Phi_{1}^{21}$
47972	945	16	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{16}^{63}\,\Phi_{8}^{54}\,\Phi_{4}^{56}\,\Phi_{2}^{56}\,\Phi_{1}^{57}$
47973	945	156	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{156}^{6}\,\Phi_{78}^{6}\,\Phi_{52}^{4}\,\Phi_{39}^{9}\,\Phi_{26}^{4}\,\Phi_{13}^{6}\,\Phi_{12}^{6}\,\Phi_{6}^{6}\,\Phi_{4}^{6}\,\Phi_{3}^{9}\,\Phi_{2}^{6}\,\Phi_{1}^{9}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
47974	945	176	$\frac{3}{44}$	$\frac{1}{8}$	$\frac{41}{176}$	$\frac{1}{4}$	$\Phi_{176}^{7}\,\Phi_{88}^{3}\,\Phi_{44}^{4}\,\Phi_{22}^{4}\,\Phi_{16}^{7}\,\Phi_{11}^{4}\,\Phi_{8}^{6}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
47975	945	80	$\frac{1}{16}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{80}^{11}\,\Phi_{40}^{11}\,\Phi_{20}^{12}\,\Phi_{16}^{14}\,\Phi_{10}^{12}\,\Phi_{8}^{14}\,\Phi_{5}^{12}\,\Phi_{4}^{14}\,\Phi_{2}^{14}\,\Phi_{1}^{15}$
47976	945	400	$\frac{1}{16}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{400}^{3}\,\Phi_{200}^{3}\,\Phi_{100}^{2}\,\Phi_{50}^{2}\,\Phi_{25}^{3}\,\Phi_{16}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
47977	945	88	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{1}{4}$	$\Phi_{88}^{12}\,\Phi_{44}^{8}\,\Phi_{22}^{8}\,\Phi_{11}^{12}\,\Phi_{8}^{15}\,\Phi_{4}^{10}\,\Phi_{2}^{10}\,\Phi_{1}^{15}$
47978	945	316	$\frac{31}{316}$	$\frac{37}{316}$	$\frac{57}{316}$	$\frac{1}{4}$	$\Phi_{316}^{3}\,\Phi_{158}^{3}\,\Phi_{79}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
47979	945	340	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{340}^{4}\,\Phi_{170}^{2}\,\Phi_{85}^{2}\,\Phi_{68}^{2}\,\Phi_{20}^{6}\,\Phi_{17}^{2}\,\Phi_{10}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
47980	945	316	$\frac{29}{316}$	$\frac{41}{316}$	$\frac{55}{316}$	$\frac{1}{4}$	$\Phi_{316}^{3}\,\Phi_{158}^{3}\,\Phi_{79}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
47981	945	372	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{372}^{4}\,\Phi_{186}^{2}\,\Phi_{124}^{2}\,\Phi_{93}^{2}\,\Phi_{31}^{2}\,\Phi_{12}^{6}\,\Phi_{6}^{3}\,\Phi_{4}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
47982	945	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{120}^{12}\,\Phi_{60}^{8}\,\Phi_{40}^{6}\,\Phi_{30}^{10}\,\Phi_{24}^{6}\,\Phi_{20}^{4}\,\Phi_{15}^{10}\,\Phi_{12}^{4}\,\Phi_{10}^{5}\,\Phi_{8}^{3}\,\Phi_{6}^{5}\,\Phi_{5}^{5}\,\Phi_{4}^{2}\,\Phi_{3}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
47983	945	32	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{7}{32}$	$\Phi_{32}^{28}\,\Phi_{16}^{28}\,\Phi_{8}^{34}\,\Phi_{4}^{34}\,\Phi_{2}^{34}\,\Phi_{1}^{35}$
47984	945	240	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{17}{80}$	$\Phi_{240}^{6}\,\Phi_{120}^{6}\,\Phi_{80}^{3}\,\Phi_{48}^{6}\,\Phi_{40}^{3}\,\Phi_{30}^{2}\,\Phi_{24}^{6}\,\Phi_{16}^{3}\,\Phi_{15}^{2}\,\Phi_{10}\,\Phi_{8}^{3}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
47985	945	136	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{3}{17}$	$\frac{7}{34}$	$\Phi_{136}^{8}\,\Phi_{68}^{8}\,\Phi_{34}^{3}\,\Phi_{17}^{5}\,\Phi_{8}^{7}\,\Phi_{4}^{7}\,\Phi_{2}^{2}\,\Phi_{1}^{5}$
47986	945	275	$\frac{1}{11}$	$\frac{4}{25}$	$\frac{2}{11}$	$\frac{1}{5}$	$\Phi_{275}^{4}\,\Phi_{25}^{5}\,\Phi_{11}^{4}\,\Phi_{1}^{5}$
47987	945	150	$\frac{1}{10}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{150}^{9}\,\Phi_{75}^{9}\,\Phi_{50}^{4}\,\Phi_{30}^{2}\,\Phi_{25}^{5}\,\Phi_{15}^{2}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
47988	946	942	$\frac{2}{471}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{469}{942}$	$\Phi_{942}^{2}\,\Phi_{314}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
47989	946	756	$\frac{1}{189}$	$\frac{95}{378}$	$\frac{283}{756}$	$\frac{94}{189}$	$\Phi_{756}^{2}\,\Phi_{252}^{2}\,\Phi_{189}\,\Phi_{108}^{2}\,\Phi_{84}^{2}\,\Phi_{63}\,\Phi_{36}^{2}\,\Phi_{28}^{2}\,\Phi_{27}\,\Phi_{21}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{7}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
47990	946	1896	$\frac{1}{158}$	$\frac{159}{632}$	$\frac{1}{3}$	$\frac{157}{316}$	$\Phi_{1896}\,\Phi_{474}\,\Phi_{237}\,\Phi_{24}\,\Phi_{6}$
47991	946	940	$\frac{3}{470}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{467}{940}$	$\Phi_{940}^{2}\,\Phi_{188}^{2}\,\Phi_{20}^{2}\,\Phi_{5}\,\Phi_{4}^{2}\,\Phi_{1}^{2}$
47992	946	810	$\frac{1}{135}$	$\frac{68}{405}$	$\frac{337}{810}$	$\frac{67}{135}$	$\Phi_{810}^{2}\,\Phi_{270}^{2}\,\Phi_{162}^{2}\,\Phi_{135}\,\Phi_{90}^{2}\,\Phi_{54}^{2}\,\Phi_{45}\,\Phi_{30}^{2}\,\Phi_{27}\,\Phi_{18}^{2}\,\Phi_{15}\,\Phi_{10}^{2}\,\Phi_{9}\,\Phi_{6}^{2}\,\Phi_{5}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
47993	946	938	$\frac{4}{469}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{465}{938}$	$\Phi_{938}^{2}\,\Phi_{134}^{2}\,\Phi_{14}^{2}\,\Phi_{7}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
47994	946	840	$\frac{1}{105}$	$\frac{53}{420}$	$\frac{367}{840}$	$\frac{52}{105}$	$\Phi_{840}^{2}\,\Phi_{280}^{2}\,\Phi_{168}^{2}\,\Phi_{120}^{2}\,\Phi_{105}\,\Phi_{56}^{2}\,\Phi_{40}^{2}\,\Phi_{35}\,\Phi_{24}^{2}\,\Phi_{21}\,\Phi_{15}\,\Phi_{8}^{2}\,\Phi_{7}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$
47995	946	630	$\frac{1}{105}$	$\frac{157}{630}$	$\frac{53}{210}$	$\frac{52}{105}$	$\Phi_{630}^{2}\,\Phi_{315}^{2}\,\Phi_{126}^{2}\,\Phi_{105}\,\Phi_{90}^{2}\,\Phi_{63}^{2}\,\Phi_{45}^{2}\,\Phi_{35}\,\Phi_{21}\,\Phi_{18}^{2}\,\Phi_{15}\,\Phi_{9}^{2}\,\Phi_{7}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$
47996	946	936	$\frac{5}{468}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{463}{936}$	$\Phi_{936}^{2}\,\Phi_{312}^{2}\,\Phi_{104}^{2}\,\Phi_{72}^{2}\,\Phi_{24}^{2}\,\Phi_{9}\,\Phi_{8}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
47997	946	936	$\frac{5}{468}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{463}{936}$	$\Phi_{936}^{2}\,\Phi_{312}^{2}\,\Phi_{104}^{2}\,\Phi_{72}^{2}\,\Phi_{24}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
47998	946	340	$\frac{1}{85}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{42}{85}$	$\Phi_{340}^{5}\,\Phi_{85}\,\Phi_{68}^{5}\,\Phi_{20}^{6}\,\Phi_{17}\,\Phi_{5}\,\Phi_{4}^{6}\,\Phi_{1}^{2}$
47999	946	255	$\frac{1}{85}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{42}{85}$	$\Phi_{255}^{5}\,\Phi_{85}\,\Phi_{51}^{5}\,\Phi_{17}\,\Phi_{15}^{6}\,\Phi_{5}\,\Phi_{3}^{6}\,\Phi_{1}^{2}$
48000	946	882	$\frac{1}{63}$	$\frac{32}{441}$	$\frac{409}{882}$	$\frac{31}{63}$	$\Phi_{882}^{2}\,\Phi_{294}^{2}\,\Phi_{126}^{2}\,\Phi_{98}^{2}\,\Phi_{63}\,\Phi_{42}^{2}\,\Phi_{21}\,\Phi_{18}^{2}\,\Phi_{14}^{2}\,\Phi_{9}\,\Phi_{7}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
48001	946	930	$\frac{8}{465}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{457}{930}$	$\Phi_{930}^{2}\,\Phi_{310}^{2}\,\Phi_{186}^{2}\,\Phi_{62}^{2}\,\Phi_{30}^{2}\,\Phi_{15}\,\Phi_{10}^{2}\,\Phi_{6}^{2}\,\Phi_{5}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
48002	946	570	$\frac{2}{95}$	$\frac{97}{570}$	$\frac{1}{5}$	$\frac{93}{190}$	$\Phi_{570}^{2}\,\Phi_{285}^{2}\,\Phi_{114}^{2}\,\Phi_{95}^{2}\,\Phi_{57}^{2}\,\Phi_{30}^{2}\,\Phi_{19}^{2}\,\Phi_{15}^{2}\,\Phi_{6}^{2}\,\Phi_{5}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
48003	946	900	$\frac{1}{45}$	$\frac{23}{450}$	$\frac{427}{900}$	$\frac{22}{45}$	$\Phi_{900}^{2}\,\Phi_{300}^{2}\,\Phi_{180}^{2}\,\Phi_{100}^{2}\,\Phi_{60}^{2}\,\Phi_{45}\,\Phi_{36}^{2}\,\Phi_{20}^{2}\,\Phi_{15}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{5}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
48004	946	675	$\frac{1}{45}$	$\frac{23}{225}$	$\frac{202}{675}$	$\frac{22}{45}$	$\Phi_{675}^{2}\,\Phi_{135}^{2}\,\Phi_{45}\,\Phi_{27}^{2}\,\Phi_{15}\,\Phi_{9}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$
48005	946	540	$\frac{1}{45}$	$\frac{67}{540}$	$\frac{23}{90}$	$\frac{22}{45}$	$\Phi_{540}^{2}\,\Phi_{270}^{2}\,\Phi_{180}^{2}\,\Phi_{135}^{2}\,\Phi_{108}^{2}\,\Phi_{60}^{2}\,\Phi_{54}^{2}\,\Phi_{45}\,\Phi_{36}^{2}\,\Phi_{27}^{2}\,\Phi_{20}^{2}\,\Phi_{15}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{5}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
48006	946	925	$\frac{21}{925}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{452}{925}$	$\Phi_{925}\,\Phi_{185}\,\Phi_{37}\,\Phi_{25}^{2}\,\Phi_{5}\,\Phi_{1}^{2}$
48007	946	84	$\frac{1}{42}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{41}{84}$	$\Phi_{84}^{22}\,\Phi_{28}^{22}\,\Phi_{21}\,\Phi_{12}^{22}\,\Phi_{7}\,\Phi_{4}^{22}\,\Phi_{3}\,\Phi_{1}^{2}$
48008	946	84	$\frac{1}{42}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{84}^{10}\,\Phi_{42}^{12}\,\Phi_{28}^{10}\,\Phi_{21}^{12}\,\Phi_{14}^{12}\,\Phi_{12}^{12}\,\Phi_{7}^{12}\,\Phi_{6}^{14}\,\Phi_{4}^{12}\,\Phi_{3}^{13}\,\Phi_{2}^{14}\,\Phi_{1}^{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
48009	946	84	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{41}{84}$	$\Phi_{84}^{22}\ \Phi_{28}^{22}\ \Phi_{14}^{2}\ \Phi_{12}^{22}\ \Phi_{7}\ \Phi_{4}^{22}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
48010	946	910	$\frac{1}{35}$	$\frac{18}{455}$	$\frac{437}{910}$	$\frac{17}{35}$	$\Phi_{910}^{2}\ \Phi_{182}^{2}\ \Phi_{130}^{2}\ \Phi_{70}^{2}\ \Phi_{35}\ \Phi_{26}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
48011	946	918	$\frac{14}{459}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{445}{918}$	$\Phi_{918}^{2}\ \Phi_{306}^{2}\ \Phi_{102}^{2}\ \Phi_{54}^{2}\ \Phi_{34}^{2}\ \Phi_{27}\ \Phi_{18}^{2}\ \Phi_{9}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
48012	946	348	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{348}^{3}\ \Phi_{174}^{3}\ \Phi_{116}^{3}\ \Phi_{87}^{3}\ \Phi_{58}\ \Phi_{29}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
48013	946	315	$\frac{2}{45}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{315}^{3}\ \Phi_{105}^{3}\ \Phi_{63}^{3}\ \Phi_{45}^{4}\ \Phi_{35}^{3}\ \Phi_{21}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{7}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
48014	946	63	$\frac{1}{21}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{10}{21}$	$\Phi_{63}^{22}\ \Phi_{21}\ \Phi_{9}^{22}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
48015	946	504	$\frac{1}{21}$	$\frac{31}{504}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{168}^{2}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{56}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
48016	946	168	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{10}{21}$	$\Phi_{168}^{7}\ \Phi_{84}^{7}\ \Phi_{56}^{8}\ \Phi_{28}^{8}\ \Phi_{24}^{7}\ \Phi_{21}\ \Phi_{12}^{7}\ \Phi_{8}^{8}\ \Phi_{7}\ \Phi_{4}^{8}\ \Phi_{3}\ \Phi_{1}^{2}$
48017	946	336	$\frac{1}{21}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{10}{21}$	$\Phi_{336}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{3}\ \Phi_{84}^{3}\ \Phi_{56}^{3}\ \Phi_{48}^{4}\ \Phi_{28}^{3}\ \Phi_{24}^{4}\ \Phi_{21}\ \Phi_{16}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{7}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
48018	946	147	$\frac{1}{21}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{10}{21}$	$\Phi_{147}^{7}\ \Phi_{49}^{8}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
48019	946	900	$\frac{23}{450}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{427}{900}$	$\Phi_{900}^{2}\ \Phi_{300}^{2}\ \Phi_{180}^{2}\ \Phi_{100}^{2}\ \Phi_{60}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
48020	946	900	$\frac{23}{450}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{427}{900}$	$\Phi_{900}^{2}\ \Phi_{300}^{2}\ \Phi_{180}^{2}\ \Phi_{100}^{2}\ \Phi_{60}^{2}\ \Phi_{36}^{2}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
48021	946	896	$\frac{25}{448}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{423}{896}$	$\Phi_{896}^{2}\ \Phi_{128}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
48022	946	81	$\frac{1}{27}$	$\frac{5}{81}$	$\frac{26}{81}$	$\frac{38}{81}$	$\Phi_{81}^{12}\ \Phi_{27}^{11}\ \Phi_{9}^{11}\ \Phi_{3}^{11}\ \Phi_{1}^{12}$
48023	946	45	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{45}^{22}\ \Phi_{15}^{19}\ \Phi_{9}^{22}\ \Phi_{5}^{19}\ \Phi_{3}^{19}\ \Phi_{1}^{20}$
48024	946	1840	$\frac{1}{23}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{1840}\ \Phi_{368}\ \Phi_{92}\ \Phi_{46}$
48025	946	500	$\frac{27}{500}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{500}^{2}\ \Phi_{250}^{2}\ \Phi_{125}^{2}\ \Phi_{100}^{2}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
48026	946	648	$\frac{1}{27}$	$\frac{13}{162}$	$\frac{175}{648}$	$\frac{149}{324}$	$\Phi_{648}^{2}\ \Phi_{216}^{2}\ \Phi_{162}^{2}\ \Phi_{81}^{2}\ \Phi_{72}^{2}\ \Phi_{54}^{2}\ \Phi_{27}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
48027	946	864	$\frac{1}{27}$	$\frac{41}{432}$	$\frac{13}{54}$	$\frac{391}{864}$	$\Phi_{864}^{2}\ \Phi_{288}^{2}\ \Phi_{96}^{2}\ \Phi_{54}^{2}\ \Phi_{32}^{2}\ \Phi_{27}\ \Phi_{18}^{2}\ \Phi_{9}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
48028	946	660	$\frac{1}{44}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{165}^{2}\ \Phi_{132}^{3}\ \Phi_{66}^{3}\ \Phi_{60}\ \Phi_{33}^{3}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
48029	946	180	$\frac{2}{45}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{180}^{10}\ \Phi_{60}^{10}\ \Phi_{45}^{2}\ \Phi_{36}^{10}\ \Phi_{20}^{6}\ \Phi_{15}^{2}\ \Phi_{12}^{10}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
48030	946	1020	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{8}{51}$	$\frac{9}{20}$	$\Phi_{1020}^{2}\ \Phi_{340}\ \Phi_{204}^{2}\ \Phi_{68}\ \Phi_{60}^{2}\ \Phi_{51}^{2}\ \Phi_{20}^{2}\ \Phi_{17}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
48031	946	855	$\frac{4}{95}$	$\frac{91}{855}$	$\frac{1}{5}$	$\frac{382}{855}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{171}\ \Phi_{95}^{2}\ \Phi_{57}\ \Phi_{45}\ \Phi_{19}^{2}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
48032	946	504	$\frac{31}{504}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{168}^{2}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
48033	946	702	$\frac{5}{234}$	$\frac{1}{9}$	$\frac{229}{702}$	$\frac{4}{9}$	$\Phi_{702}^{2}\ \Phi_{351}^{2}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
48034	946	486	$\frac{13}{486}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{486}^{2}\ \Phi_{243}^{2}\ \Phi_{162}^{2}\ \Phi_{81}^{2}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
48035	946	585	$\frac{5}{117}$	$\frac{1}{9}$	$\frac{112}{585}$	$\frac{4}{9}$	$\Phi_{585}^{2}\ \Phi_{195}^{2}\ \Phi_{65}^{2}\ \Phi_{45}^{2}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
48036	946	504	$\frac{31}{504}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{168}^{2}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
48037	946	840	$\frac{1}{35}$	$\frac{53}{420}$	$\frac{17}{70}$	$\frac{367}{840}$	$\Phi_{840}^{2}\ \Phi_{280}^{2}\ \Phi_{168}^{2}\ \Phi_{120}^{2}\ \Phi_{70}^{2}\ \Phi_{56}^{2}\ \Phi_{40}^{2}\ \Phi_{35}\ \Phi_{24}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
48038	946	840	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{53}{420}$	$\frac{367}{840}$	$\Phi_{840}^{2}\ \Phi_{280}^{2}\ \Phi_{168}^{2}\ \Phi_{120}^{2}\ \Phi_{60}^{2}\ \Phi_{56}^{2}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
48039	946	833	$\frac{6}{119}$	$\frac{113}{833}$	$\frac{1}{7}$	$\frac{360}{833}$	$\Phi_{833}\ \Phi_{119}^{2}\ \Phi_{49}\ \Phi_{17}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
48040	946	480	$\frac{7}{480}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{480}^{2}\ \Phi_{240}^{2}\ \Phi_{160}^{2}\ \Phi_{120}^{2}\ \Phi_{96}^{2}\ \Phi_{80}^{2}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
48041	946	810	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{68}{405}$	$\frac{337}{810}$	$\Phi_{810}^{2}\ \Phi_{270}^{2}\ \Phi_{162}^{2}\ \Phi_{90}^{2}\ \Phi_{81}^{2}\ \Phi_{54}^{2}\ \Phi_{30}^{2}\ \Phi_{27}\ \Phi_{18}^{2}\ \Phi_{10}^{2}\ \Phi_{9}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
48042	946	2370	$\frac{1}{79}$	$\frac{78}{395}$	$\frac{1}{3}$	$\frac{317}{790}$	$\Phi_{2370}\ \Phi_{474}\ \Phi_{237}\ \Phi_{30}\ \Phi_{6}$
48043	946	705	$\frac{3}{235}$	$\frac{1}{5}$	$\frac{232}{705}$	$\frac{2}{5}$	$\Phi_{705}^{2}\ \Phi_{141}^{2}\ \Phi_{15}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
48044	946	480	$\frac{7}{480}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
48045	946	522	$\frac{1}{87}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{522}^3\ \Phi_{174}^3\ \Phi_{87}^2\ \Phi_{58}^3\ \Phi_{29}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48046	946	540	$\frac{1}{27}$	$\frac{67}{540}$	$\frac{13}{54}$	$\frac{41}{108}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48047	946	560	$\frac{1}{35}$	$\frac{87}{560}$	$\frac{17}{70}$	$\frac{53}{140}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
48048	946	760	$\frac{2}{95}$	$\frac{1}{5}$	$\frac{93}{380}$	$\frac{287}{760}$	$\Phi_{760}^2\ \Phi_{152}^2\ \Phi_{95}^2\ \Phi_{40}^2\ \Phi_{19}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
48049	946	1392	$\frac{1}{87}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1392}\ \Phi_{464}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{58}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
48050	946	1104	$\frac{1}{23}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
48051	946	756	$\frac{1}{63}$	$\frac{31}{126}$	$\frac{95}{378}$	$\frac{283}{756}$	$\Phi_{756}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48052	946	735	$\frac{1}{35}$	$\frac{34}{245}$	$\frac{211}{735}$	$\frac{262}{735}$	$\Phi_{735}\ \Phi_{245}^2\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
48053	946	729	$\frac{1}{27}$	$\frac{26}{243}$	$\frac{217}{729}$	$\frac{256}{729}$	$\Phi_{729}\ \Phi_{243}^2\ \Phi_{81}^2\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
48054	946	1518	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{1518}\ \Phi_{506}\ \Phi_{253}\ \Phi_{138}\ \Phi_{46}$
48055	946	720	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{113}{360}$	$\frac{247}{720}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48056	946	714	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{116}{357}$	$\frac{241}{714}$	$\Phi_{714}^2\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{102}^2\ \Phi_{42}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
48057	946	711	$\frac{2}{237}$	$\frac{235}{711}$	$\frac{1}{3}$	$\frac{238}{711}$	$\Phi_{711}\ \Phi_{237}^2\ \Phi_{79}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
48058	946	180	$\frac{2}{45}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^6\ \Phi_{45}^4\ \Phi_{36}^6\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{18}^6\ \Phi_{15}^4\ \Phi_{12}^2\ \Phi_{10}^6\ \Phi_9^4\ \Phi_6^2\ \Phi_5^4\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48059	946	702	$\frac{5}{234}$	$\frac{1}{6}$	$\frac{229}{702}$	$\frac{1}{3}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48060	946	252	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{63}^4\ \Phi_{36}^6\ \Phi_{18}^6\ \Phi_{12}^2\ \Phi_9^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48061	946	315	$\frac{2}{45}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{315}^3\ \Phi_{105}^3\ \Phi_{63}^2\ \Phi_{45}^4\ \Phi_{35}^3\ \Phi_{21}^3\ \Phi_{15}^4\ \Phi_9^3\ \Phi_7^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
48062	946	486	$\frac{13}{486}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{486}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48063	946	660	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
48064	946	624	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{151}{624}$	$\frac{1}{3}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48065	946	168	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{168}^7\ \Phi_{84}^3\ \Phi_{56}^8\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^7\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_8^8\ \Phi_7^4\ \Phi_6^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
48066	946	630	$\frac{2}{45}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
48067	946	420	$\frac{1}{12}$	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^2\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48068	946	504	$\frac{31}{504}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48069	946	546	$\frac{5}{78}$	$\frac{73}{546}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48070	946	48	$\frac{1}{12}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{48}^{22}\ \Phi_{24}^{22}\ \Phi_{16}^{22}\ \Phi_{12}^{12}\ \Phi_8^{22}\ \Phi_6^{14}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
48071	946	588	$\frac{1}{12}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48072	946	255	$\frac{2}{85}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{83}{255}$	$\Phi_{255}^3\ \Phi_{85}^5\ \Phi_{51}^3\ \Phi_{17}^5\ \Phi_{15}^4\ \Phi_5^5\ \Phi_3^4\ \Phi_1^6$
48073	946	570	$\frac{4}{95}$	$\frac{97}{570}$	$\frac{1}{5}$	$\frac{91}{285}$	$\Phi_{570}^2\ \Phi_{285}\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{19}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48074	946	63	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{20}{63}$	$\Phi_{63}^{12}\ \Phi_{21}^{21}\ \Phi_9^{12}\ \Phi_7^{21}\ \Phi_3^{21}\ \Phi_1^{22}$
48075	946	63	$\frac{1}{21}$	$\frac{8}{63}$	$\frac{5}{21}$	$\frac{20}{63}$	$\Phi_{63}^{14}\ \Phi_{21}^{17}\ \Phi_9^{14}\ \Phi_7^{17}\ \Phi_3^{17}\ \Phi_1^{18}$
48076	946	126	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{20}{63}$	$\Phi_{126}^{14}\ \Phi_{63}^8\ \Phi_{18}^{14}\ \Phi_{14}^2\ \Phi_9^8\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
48077	946	525	$\frac{2}{25}$	$\frac{52}{525}$	$\frac{1}{5}$	$\frac{23}{75}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
48078	946	675	$\frac{2}{25}$	$\frac{23}{225}$	$\frac{1}{5}$	$\frac{202}{675}$	$\Phi_{675}^2\ \Phi_{135}^2\ \Phi_{27}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
48079	946	672	$\frac{3}{28}$	$\frac{25}{224}$	$\frac{1}{7}$	$\frac{199}{672}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
48080	946	182	$\frac{5}{91}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{182}^7\ \Phi_{91}^4\ \Phi_{26}^7\ \Phi_{14}^2\ \Phi_{13}^4\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
48081	946	49	$\frac{5}{49}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{49}^{19}\ \Phi_7^{21}\ \Phi_1^{22}$
48082	946	1380	$\frac{1}{23}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
48083	946	648	$\frac{1}{27}$	$\frac{41}{216}$	$\frac{13}{54}$	$\frac{175}{648}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48084	946	45	$\frac{2}{45}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{45}^{22}\ \Phi_{15}^{18}\ \Phi_9^{22}\ \Phi_5^{21}\ \Phi_3^{18}\ \Phi_1^{22}$
48085	946	255	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{255}^3\ \Phi_{85}^4\ \Phi_{51}^5\ \Phi_{17}^5\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^6\ \Phi_1^6$
48086	946	504	$\frac{31}{504}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
48087	946	540	$\frac{1}{15}$	$\frac{67}{540}$	$\frac{7}{30}$	$\frac{23}{90}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48088	946	630	$\frac{1}{35}$	$\frac{17}{70}$	$\frac{157}{630}$	$\frac{53}{210}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
48089	946	600	$\frac{1}{15}$	$\frac{23}{150}$	$\frac{127}{600}$	$\frac{7}{30}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48090	946	56	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{13}{56}$	$\Phi_{56}^{22}\ \Phi_{28}^{22}\ \Phi_{14}^2\ \Phi_8^{22}\ \Phi_7\ \Phi_4^{22}\ \Phi_2^2\ \Phi_1^2$
48091	946	560	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{87}{560}$	$\frac{25}{112}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
48092	946	210	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{105}$	$\frac{3}{14}$	$\Phi_{210}^7\ \Phi_{105}^4\ \Phi_{70}^7\ \Phi_{35}^4\ \Phi_{30}^7\ \Phi_{15}^4\ \Phi_{14}^2\ \Phi_{10}^7\ \Phi_7\ \Phi_5^4\ \Phi_2^2\ \Phi_1^2$
48093	946	336	$\frac{5}{48}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^4\ \Phi_{28}^3\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_8^4\ \Phi_7\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
48094	946	98	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{98}^{14}\ \Phi_{49}^8\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
48095	946	600	$\frac{2}{25}$	$\frac{23}{150}$	$\frac{1}{5}$	$\frac{127}{600}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
48096	946	50	$\frac{3}{25}$	$\frac{7}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{50}^{22}\ \Phi_{25}^{16}\ \Phi_{10}^{22}\ \Phi_5^{15}\ \Phi_2^{22}\ \Phi_1^{16}$
48097	947	1720	$\frac{1}{86}$	$\frac{87}{860}$	$\frac{773}{1720}$	$\frac{85}{172}$	$\Phi_{1720}\ \Phi_{344}\ \Phi_{172}\ \Phi_{40}\ \Phi_8\ \Phi_4\ \Phi_1$
48098	947	1848	$\frac{23}{924}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{901}{1848}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{168}\ \Phi_{88}\ \Phi_{56}\ \Phi_{44}\ \Phi_{24}\ \Phi_8\ \Phi_4\ \Phi_1$
48099	947	1848	$\frac{23}{924}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{901}{1848}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{168}\ \Phi_{88}\ \Phi_{56}\ \Phi_{33}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
48100	947	1276	$\frac{10}{319}$	$\frac{1}{11}$	$\frac{329}{1276}$	$\frac{309}{638}$	$\Phi_{1276}\ \Phi_{319}\ \Phi_{116}\ \Phi_{44}\ \Phi_{29}\ \Phi_4\ \Phi_1$
48101	947	1232	$\frac{1}{22}$	$\frac{23}{308}$	$\frac{285}{1232}$	$\frac{21}{44}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{176}\ \Phi_{112}\ \Phi_{88}\ \Phi_{56}\ \Phi_{44}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
48102	947	1056	$\frac{1}{22}$	$\frac{109}{1056}$	$\frac{23}{132}$	$\frac{21}{44}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{96}\ \Phi_{88}\ \Phi_{48}\ \Phi_{44}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
48103	947	1760	$\frac{1}{22}$	$\frac{67}{880}$	$\frac{21}{88}$	$\frac{813}{1760}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{160}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
48104	947	1548	$\frac{1}{86}$	$\frac{173}{774}$	$\frac{85}{258}$	$\frac{601}{1548}$	$\Phi_{1548}\ \Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{36}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
48105	947	1056	$\frac{1}{22}$	$\frac{109}{1056}$	$\frac{21}{88}$	$\frac{67}{176}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
48106	947	1376	$\frac{1}{86}$	$\frac{85}{344}$	$\frac{429}{1376}$	$\frac{259}{688}$	$\Phi_{1376}\ \Phi_{344}\ \Phi_{172}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
48107	947	990	$\frac{43}{990}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1$
48108	947	1452	$\frac{1}{22}$	$\frac{21}{242}$	$\frac{221}{726}$	$\frac{505}{1452}$	$\Phi_{1452}\ \Phi_{484}\ \Phi_{242}\ \Phi_{132}\ \Phi_{121}\ \Phi_{44}\ \Phi_{12}\ \Phi_4\ \Phi_1$
48109	947	1386	$\frac{23}{462}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{439}{1386}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{63}\ \Phi_{33}\ \Phi_{18}\ \Phi_9\ \Phi_3\ \Phi_1$
48110	947	1155	$\frac{1}{11}$	$\frac{23}{231}$	$\frac{208}{1155}$	$\frac{10}{33}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{165}\ \Phi_{105}\ \Phi_{55}\ \Phi_{35}\ \Phi_{33}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1$
48111	947	1056	$\frac{1}{11}$	$\frac{109}{1056}$	$\frac{23}{132}$	$\frac{10}{33}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{96}\ \Phi_{88}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
48112	947	1320	$\frac{1}{22}$	$\frac{67}{440}$	$\frac{21}{88}$	$\frac{373}{1320}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
48113	948	1416	$\frac{1}{236}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{235}{472}$	$\Phi_{1416}\ \Phi_{472}^2\ \Phi_{24}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
48114	948	785	$\frac{1}{157}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{78}{157}$	$\Phi_{785}\ \Phi_{157}^2\ \Phi_{5}^2\ \Phi_{1}^4$
48115	948	1884	$\frac{1}{157}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{78}{157}$	$\Phi_{1884}\ \Phi_{942}\ \Phi_{12}^2\ \Phi_{6}^2$
48116	948	947	$\frac{7}{947}$	$\frac{159}{947}$	$\frac{394}{947}$	$\frac{470}{947}$	$\Phi_{947}\ \Phi_{1}^2$
48117	948	1410	$\frac{2}{235}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{233}{470}$	$\Phi_{1410}^2\ \Phi_{282}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{6}^2$
48118	948	1268	$\frac{3}{317}$	$\frac{1}{4}$	$\frac{80}{317}$	$\frac{157}{317}$	$\Phi_{1268}\ \Phi_{634}$
48119	948	947	$\frac{9}{947}$	$\frac{236}{947}$	$\frac{239}{947}$	$\frac{469}{947}$	$\Phi_{947}\ \Phi_{1}^2$
48120	948	285	$\frac{1}{95}$	$\frac{16}{95}$	$\frac{1}{3}$	$\frac{47}{95}$	$\Phi_{285}^5\ \Phi_{57}^5\ \Phi_{15}^5\ \Phi_{3}^4$
48121	948	1716	$\frac{1}{78}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{77}{156}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{156}^2\ \Phi_{132}\ \Phi_{52}^2\ \Phi_{44}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{4}^2\ \Phi_{1}^2$
48122	948	1092	$\frac{1}{78}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{77}{156}$	$\Phi_{1092}^2\ \Phi_{364}^2\ \Phi_{84}^2\ \Phi_{28}^2\ \Phi_{21}$
48123	948	1716	$\frac{1}{78}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{77}{156}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{156}^2\ \Phi_{132}\ \Phi_{52}^2\ \Phi_{44}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{4}^2\ \Phi_{1}^2$
48124	948	780	$\frac{1}{78}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{77}{156}$	$\Phi_{780}\ \Phi_{390}^2\ \Phi_{260}\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{60}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_{5}^2$
48125	948	742	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{27}{106}$	$\frac{26}{53}$	$\Phi_{742}^2\ \Phi_{371}\ \Phi_{14}^2$
48126	948	770	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{75}{154}$	$\Phi_{770}^3\ \Phi_{110}^3\ \Phi_{70}^3\ \Phi_{35}\ \Phi_{10}^3$
48127	948	1360	$\frac{1}{34}$	$\frac{35}{272}$	$\frac{1}{5}$	$\frac{33}{68}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{170}\ \Phi_{85}\ \Phi_{80}\ \Phi_{40}\ \Phi_{10}$
48128	948	456	$\frac{3}{76}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{73}{152}$	$\Phi_{456}^6\ \Phi_{57}\ \Phi_{24}^6$
48129	948	1976	$\frac{3}{76}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{1976}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
48130	948	750	$\frac{1}{25}$	$\frac{13}{250}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{750}^2\ \Phi_{375}^2\ \Phi_{150}^2\ \Phi_{75}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{6}^2$
48131	948	741	$\frac{10}{247}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{741}^2\ \Phi_{57}\ \Phi_{39}^2$
48132	948	150	$\frac{1}{25}$	$\frac{4}{75}$	$\frac{1}{3}$	$\frac{71}{150}$	$\Phi_{150}^{12}\ \Phi_{75}\ \Phi_{50}^{12}\ \Phi_{30}^{12}\ \Phi_{15}\ \Phi_{10}^{12}\ \Phi_{6}^{12}\ \Phi_{2}^{12}$
48133	948	1950	$\frac{4}{75}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{1950}\ \Phi_{650}\ \Phi_{390}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{26}$
48134	948	2240	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{211}{448}$	$\Phi_{2240}\ \Phi_{320}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
48135	948	1248	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
48136	948	420	$\frac{5}{84}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^2\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_{5}^2$
48137	948	2210	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{1}{5}$	$\frac{205}{442}$	$\Phi_{2210}\ \Phi_{170}\ \Phi_{130}\ \Phi_{85}\ \Phi_{10}$
48138	948	891	$\frac{2}{81}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{891}\ \Phi_{297}\ \Phi_{99}\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{1}^2$
48139	948	1287	$\frac{1}{39}$	$\frac{1}{11}$	$\frac{38}{117}$	$\frac{5}{11}$	$\Phi_{1287}\ \Phi_{117}^2\ \Phi_{99}\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{1}^2$
48140	948	1144	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{25}{104}$	$\frac{5}{11}$	$\Phi_{1144}\ \Phi_{572}\ \Phi_{104}^2\ \Phi_{88}\ \Phi_{52}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{1}^2$
48141	948	924	$\frac{5}{84}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{77}\ \Phi_{44}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{1}^2$
48142	948	1001	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{12}{91}$	$\frac{5}{11}$	$\Phi_{1001}\ \Phi_{91}^2\ \Phi_{77}\ \Phi_{11}\ \Phi_{7}^2\ \Phi_{1}^2$
48143	948	1872	$\frac{1}{13}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{144}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
48144	948	1820	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{140}$	$\Phi_{1820}\ \Phi_{364}\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
48145	948	680	$\frac{1}{34}$	$\frac{11}{68}$	$\frac{1}{5}$	$\frac{57}{136}$	$\Phi_{680}^3\ \Phi_{170}\ \Phi_{85}\ \Phi_{40}^3\ \Phi_{10}$
48146	948	240	$\frac{1}{80}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{60}^6\ \Phi_{48}^6\ \Phi_{30}^6\ \Phi_{24}^6\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_{6}^6\ \Phi_{3}^4$
48147	948	1040	$\frac{1}{80}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
48148	948	1664	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{1664}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
48149	948	1140	$\frac{1}{95}$	$\frac{47}{190}$	$\frac{1}{3}$	$\frac{143}{380}$	$\Phi_{1140}^2\ \Phi_{285}\ \Phi_{228}^2\ \Phi_{60}^2\ \Phi_{57}\ \Phi_{15}\ \Phi_{12}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
48150	948	1560	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{260}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
48151	948	947	$\frac{8}{947}$	$\frac{313}{947}$	$\frac{315}{947}$	$\frac{317}{947}$	$\Phi_{947}\ \Phi_{1}^{2}$
48152	948	1425	$\frac{4}{475}$	$\frac{157}{475}$	$\frac{1}{3}$	$\frac{159}{475}$	$\Phi_{1425}\ \Phi_{285}\ \Phi_{75}\ \Phi_{57}\ \Phi_{15}$
48153	948	354	$\frac{1}{118}$	$\frac{39}{118}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{354}^{2}\ \Phi_{177}^{2}\ \Phi_{118}^{4}\ \Phi_{59}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
48154	948	240	$\frac{1}{80}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}^{3}\ \Phi_{120}^{3}\ \Phi_{80}^{6}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{40}^{6}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{6}\ \Phi_{16}^{6}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{2}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
48155	948	885	$\frac{1}{59}$	$\frac{58}{295}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{885}\ \Phi_{295}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
48156	948	567	$\frac{2}{81}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{567}^{2}\ \Phi_{189}^{2}\ \Phi_{63}^{2}\ \Phi_{21}$
48157	948	705	$\frac{4}{235}$	$\frac{1}{5}$	$\frac{77}{235}$	$\frac{1}{3}$	$\Phi_{705}^{2}\ \Phi_{141}^{2}\ \Phi_{15}^{3}\ \Phi_{3}^{2}$
48158	948	819	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{38}{117}$	$\frac{1}{3}$	$\Phi_{819}^{2}\ \Phi_{63}^{2}\ \Phi_{21}$
48159	948	525	$\frac{1}{25}$	$\frac{17}{175}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{525}^{3}\ \Phi_{105}^{3}\ \Phi_{75}\ \Phi_{21}^{3}\ \Phi_{15}$
48160	948	171	$\frac{1}{19}$	$\frac{13}{171}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{171}^{6}\ \Phi_{57}^{4}\ \Phi_{19}^{6}\ \Phi_{9}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
48161	948	114	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{35}{114}$	$\frac{1}{3}$	$\Phi_{114}^{6}\ \Phi_{57}^{7}\ \Phi_{38}^{12}\ \Phi_{19}^{12}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
48162	948	225	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{67}{225}$	$\frac{1}{3}$	$\Phi_{225}^{6}\ \Phi_{75}\ \Phi_{45}^{6}\ \Phi_{15}\ \Phi_{9}^{6}$
48163	948	891	$\frac{2}{81}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{891}\ \Phi_{297}\ \Phi_{99}\ \Phi_{81}^{2}\ \Phi_{27}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
48164	948	1620	$\frac{2}{81}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{90}\ \Phi_{20}\ \Phi_{10}$
48165	948	2184	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{25}{104}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{168}\ \Phi_{84}\ \Phi_{21}$
48166	948	798	$\frac{1}{19}$	$\frac{29}{266}$	$\frac{9}{38}$	$\frac{1}{3}$	$\Phi_{798}^{2}\ \Phi_{399}^{2}\ \Phi_{57}\ \Phi_{42}^{2}\ \Phi_{21}^{2}$
48167	948	912	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{67}{304}$	$\frac{1}{3}$	$\Phi_{912}^{2}\ \Phi_{456}^{2}\ \Phi_{57}\ \Phi_{48}^{2}\ \Phi_{24}^{2}$
48168	948	300	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{21}{100}$	$\frac{1}{3}$	$\Phi_{300}^{6}\ \Phi_{150}^{6}\ \Phi_{75}\ \Phi_{60}^{6}\ \Phi_{30}^{6}\ \Phi_{15}\ \Phi_{12}^{6}\ \Phi_{6}^{6}$
48169	948	1365	$\frac{2}{39}$	$\frac{1}{7}$	$\frac{37}{195}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
48170	948	285	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{16}{95}$	$\frac{1}{3}$	$\Phi_{285}^{6}\ \Phi_{57}\ \Phi_{15}^{6}$
48171	948	84	$\frac{5}{84}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{84}^{12}\ \Phi_{42}^{10}\ \Phi_{28}^{12}\ \Phi_{21}^{11}\ \Phi_{14}^{10}\ \Phi_{12}^{12}\ \Phi_{7}^{10}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
48172	948	273	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{273}^{5}\ \Phi_{39}^{6}\ \Phi_{21}^{6}\ \Phi_{3}^{6}$
48173	948	1287	$\frac{1}{39}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{38}{117}$	$\Phi_{1287}\ \Phi_{117}^{2}\ \Phi_{99}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
48174	948	2340	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{38}{117}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{180}\ \Phi_{90}\ \Phi_{20}\ \Phi_{10}$
48175	948	510	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{23}{102}$	$\frac{11}{34}$	$\Phi_{510}^{3}\ \Phi_{255}^{3}\ \Phi_{170}\ \Phi_{85}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{10}$
48176	948	560	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{5}$	$\frac{33}{112}$	$\Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{140}^{2}\ \Phi_{80}^{2}\ \Phi_{70}^{3}\ \Phi_{40}^{2}\ \Phi_{35}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
48177	948	85	$\frac{6}{85}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{85}^{11}\ \Phi_{17}^{12}\ \Phi_{5}^{10}\ \Phi_{1}^{12}$
48178	948	1248	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
48179	948	420	$\frac{5}{84}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{3}\ \Phi_{105}^{3}\ \Phi_{70}^{3}\ \Phi_{60}^{3}\ \Phi_{35}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{3}$
48180	948	1144	$\frac{1}{26}$	$\frac{2}{11}$	$\frac{25}{104}$	$\frac{3}{11}$	$\Phi_{1144}\ \Phi_{572}\ \Phi_{104}^{2}\ \Phi_{88}\ \Phi_{52}^{2}\ \Phi_{44}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
48181	948	924	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}^{2}\ \Phi_{77}\ \Phi_{44}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
48182	948	1001	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1001}\ \Phi_{91}^{2}\ \Phi_{77}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
48183	948	1170	$\frac{1}{13}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{234}\ \Phi_{130}\ \Phi_{117}\ \Phi_{78}\ \Phi_{65}\ \Phi_{26}$
48184	948	520	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{25}{104}$	$\frac{1}{4}$	$\Phi_{520}^{3}\ \Phi_{260}\ \Phi_{130}^{2}\ \Phi_{65}^{2}\ \Phi_{40}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
48185	948	420	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{3}\ \Phi_{105}^{3}\ \Phi_{70}^{3}\ \Phi_{60}\ \Phi_{35}^{3}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
48186	948	1820	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{140}\ \Phi_{70}\ \Phi_{20}\ \Phi_{10}$
48187	948	280	$\frac{1}{14}$	$\frac{43}{280}$	$\frac{1}{5}$	$\frac{13}{56}$	$\Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{70}^{4}\ \Phi_{56}^{4}\ \Phi_{40}^{3}\ \Phi_{35}^{4}\ \Phi_{28}^{4}\ \Phi_{20}^{3}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
48188	948	1540	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{71}{308}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{220}\ \Phi_{140}\ \Phi_{110}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
48189	948	1300	$\frac{1}{13}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
48190	949	1888	$\frac{5}{944}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{939}{1888}$	$\Phi_{1888}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
48191	949	144	$\frac{1}{72}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{71}{144}$	$\Phi_{144}^{13}\ \Phi_{48}^{13}\ \Phi_{24}\ \Phi_{16}^{13}\ \Phi_{8}\ \Phi_{1}$
48192	949	720	$\frac{1}{72}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{71}{144}$	$\Phi_{720}^{3}\ \Phi_{240}^{3}\ \Phi_{144}\ \Phi_{80}^{3}\ \Phi_{48}\ \Phi_{16}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
48193	949	144	$\frac{1}{72}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{71}{144}$	$\Phi_{144}^{13}\ \Phi_{48}^{13}\ \Phi_{18}\ \Phi_{16}^{13}\ \Phi_{9}\ \Phi_{1}$
48194	949	144	$\frac{1}{72}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{71}{144}$	$\Phi_{144}^{5}\ \Phi_{72}^{8}\ \Phi_{48}^{5}\ \Phi_{36}^{8}\ \Phi_{24}^{8}\ \Phi_{18}^{8}\ \Phi_{16}^{6}\ \Phi_{12}^{8}\ \Phi_{9}^{8}\ \Phi_{8}^{9}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
48195	949	1272	$\frac{5}{318}$	$\frac{1}{6}$	$\frac{323}{1272}$	$\frac{313}{636}$	$\Phi_{1272}\ \Phi_{424}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}\ \Phi_{53}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
48196	949	1088	$\frac{3}{136}$	$\frac{139}{1088}$	$\frac{1}{4}$	$\frac{133}{272}$	$\Phi_{1088}\ \Phi_{544}\ \Phi_{136}\ \Phi_{68}\ \Phi_{64}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
48197	949	1848	$\frac{25}{924}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{899}{1848}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{168}\ \Phi_{88}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
48198	949	1824	$\frac{37}{912}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{875}{1824}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
48199	949	1008	$\frac{3}{56}$	$\frac{59}{1008}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
48200	949	1800	$\frac{49}{900}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{851}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}\ \Phi_{120}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
48201	949	1152	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{203}{1152}$	$\frac{181}{384}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
48202	949	1792	$\frac{3}{56}$	$\frac{53}{896}$	$\frac{1}{4}$	$\frac{843}{1792}$	$\Phi_{1792}\ \Phi_{256}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
48203	949	79	$\frac{5}{79}$	$\frac{6}{79}$	$\frac{14}{79}$	$\frac{37}{79}$	$\Phi_{79}^{12}\ \Phi_{1}^{13}$
48204	949	136	$\frac{3}{68}$	$\frac{5}{68}$	$\frac{1}{4}$	$\frac{63}{136}$	$\Phi_{136}^{13}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{8}^{13}\ \Phi_{1}$
48205	949	600	$\frac{2}{75}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{600}^{3}\ \Phi_{200}^{3}\ \Phi_{120}^{3}\ \Phi_{75}\ \Phi_{40}^{3}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
48206	949	216	$\frac{1}{36}$	$\frac{1}{12}$	$\frac{35}{108}$	$\frac{11}{24}$	$\Phi_{216}^{12}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
48207	949	456	$\frac{3}{76}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{456}^{4}\ \Phi_{152}^{4}\ \Phi_{76}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
48208	949	96	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{23}{96}$	$\frac{11}{24}$	$\Phi_{96}^{13}\ \Phi_{48}^{13}\ \Phi_{32}^{13}\ \Phi_{24}\ \Phi_{16}^{13}\ \Phi_{8}\ \Phi_{1}$
48209	949	360	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{17}{90}$	$\frac{11}{24}$	$\Phi_{360}^{6}\ \Phi_{120}^{6}\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}^{6}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
48210	949	1008	$\frac{59}{1008}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
48211	949	312	$\frac{5}{78}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{312}^{6}\ \Phi_{104}^{6}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
48212	949	168	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{11}{24}$	$\Phi_{168}^{12}\ \Phi_{84}\ \Phi_{56}^{12}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
48213	949	240	$\frac{1}{12}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{240}^{4}\ \Phi_{120}^{4}\ \Phi_{80}^{5}\ \Phi_{60}^{4}\ \Phi_{48}^{4}\ \Phi_{40}^{5}\ \Phi_{30}^{4}\ \Phi_{24}\ \Phi_{20}^{5}\ \Phi_{16}^{5}\ \Phi_{15}^{4}\ \Phi_{10}^{5}\ \Phi_{8}\ \Phi_{5}^{5}\ \Phi_{1}$
48214	949	648	$\frac{1}{12}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{11}{24}$	$\Phi_{648}^{3}\ \Phi_{216}^{3}\ \Phi_{81}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
48215	949	1728	$\frac{1}{12}$	$\frac{85}{864}$	$\frac{11}{96}$	$\frac{779}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
48216	949	1680	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{109}{840}$	$\frac{731}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{120}\ \Phi_{112}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
48217	949	1632	$\frac{3}{136}$	$\frac{133}{816}$	$\frac{1}{4}$	$\frac{683}{1632}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{136}\ \Phi_{96}\ \Phi_{68}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
48218	949	1536	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{181}{768}$	$\frac{587}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
48219	949	1416	$\frac{5}{472}$	$\frac{1}{4}$	$\frac{467}{1416}$	$\frac{3}{8}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{354}\ \Phi_{177}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
48220	949	960	$\frac{11}{960}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
48221	949	972	$\frac{23}{972}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
48222	949	79	$\frac{4}{79}$	$\frac{6}{79}$	$\frac{25}{79}$	$\frac{27}{79}$	$\Phi_{79}^{12}\ \Phi_{1}^{13}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
48223	949	1440	$\frac{11}{240}$	$\frac{1}{12}$	$\frac{229}{720}$	$\frac{491}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
48224	949	75	$\frac{2}{75}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{75}^{13}\ \Phi_{25}^{13}\ \Phi_{15}^{11}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{13}$
48225	949	540	$\frac{1}{36}$	$\frac{2}{15}$	$\frac{35}{108}$	$\frac{1}{3}$	$\Phi_{540}^{3}\ \Phi_{270}^{3}\ \Phi_{135}^{3}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
48226	949	450	$\frac{2}{75}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{450}^{3}\ \Phi_{225}^{3}\ \Phi_{90}^{3}\ \Phi_{75}\ \Phi_{45}^{3}\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
48227	949	1200	$\frac{2}{75}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{120}\ \Phi_{80}\ \Phi_{75}\ \Phi_{40}\ \Phi_{25}\ \Phi_{16}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
48228	949	1140	$\frac{3}{76}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
48229	949	480	$\frac{1}{24}$	$\frac{2}{15}$	$\frac{23}{96}$	$\frac{1}{3}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{3}\ \Phi_{96}\ \Phi_{80}^{3}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
48230	949	90	$\frac{1}{18}$	$\frac{2}{15}$	$\frac{17}{90}$	$\frac{1}{3}$	$\Phi_{90}^{10}\ \Phi_{45}^{10}\ \Phi_{30}^{10}\ \Phi_{18}^{12}\ \Phi_{15}^{11}\ \Phi_{10}^{10}\ \Phi_{9}^{12}\ \Phi_{6}^{12}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
48231	949	390	$\frac{5}{78}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{390}^{3}\ \Phi_{195}^{3}\ \Phi_{130}^{3}\ \Phi_{78}\ \Phi_{65}^{3}\ \Phi_{39}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}$
48232	949	420	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{3}\ \Phi_{105}^{3}\ \Phi_{84}\ \Phi_{70}^{3}\ \Phi_{42}\ \Phi_{35}^{3}\ \Phi_{28}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
48233	949	240	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{240}^{4}\ \Phi_{120}^{3}\ \Phi_{80}^{5}\ \Phi_{60}^{3}\ \Phi_{48}^{4}\ \Phi_{40}^{4}\ \Phi_{30}^{3}\ \Phi_{24}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
48234	949	405	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{405}^{3}\ \Phi_{135}^{3}\ \Phi_{81}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
48235	949	1224	$\frac{3}{136}$	$\frac{275}{1224}$	$\frac{1}{4}$	$\frac{133}{408}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
48236	949	108	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{35}{108}$	$\Phi_{108}^{13}\ \Phi_{54}^{13}\ \Phi_{27}^{13}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
48237	949	432	$\frac{1}{36}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{35}{108}$	$\Phi_{432}^{4}\ \Phi_{216}^{4}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
48238	949	1008	$\frac{59}{1008}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
48239	949	1152	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{203}{1152}$	$\frac{85}{288}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
48240	949	1344	$\frac{3}{56}$	$\frac{53}{448}$	$\frac{1}{4}$	$\frac{395}{1344}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
48241	949	684	$\frac{3}{76}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{684}^{2}\ \Phi_{342}^{2}\ \Phi_{171}^{2}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
48242	949	288	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{23}{96}$	$\frac{5}{18}$	$\Phi_{288}^{6}\ \Phi_{144}^{6}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
48243	949	90	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{17}{90}$	$\frac{5}{18}$	$\Phi_{90}^{13}\ \Phi_{45}^{13}\ \Phi_{30}^{13}\ \Phi_{18}\ \Phi_{15}^{13}\ \Phi_{10}^{13}\ \Phi_{9}\ \Phi_{5}^{13}\ \Phi_{1}$
48244	949	1008	$\frac{59}{1008}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
48245	949	234	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{234}^{6}\ \Phi_{117}^{6}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
48246	949	252	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{84}\ \Phi_{63}^{6}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
48247	949	720	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{144}^{2}\ \Phi_{90}^{2}\ \Phi_{80}\ \Phi_{45}^{2}\ \Phi_{40}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
48248	949	162	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{162}^{6}\ \Phi_{81}^{7}\ \Phi_{54}^{6}\ \Phi_{27}^{7}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
48249	949	1080	$\frac{1}{12}$	$\frac{131}{1080}$	$\frac{11}{60}$	$\frac{49}{180}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
48250	949	304	$\frac{3}{76}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{304}^{4}\ \Phi_{152}^{4}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
48251	949	96	$\frac{1}{24}$	$\frac{3}{16}$	$\frac{23}{96}$	$\frac{1}{4}$	$\Phi_{96}^{13}\ \Phi_{48}^{5}\ \Phi_{32}^{13}\ \Phi_{24}^{8}\ \Phi_{16}^{6}\ \Phi_{12}^{8}\ \Phi_{8}^{9}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
48252	949	1120	$\frac{3}{56}$	$\frac{171}{1120}$	$\frac{53}{224}$	$\frac{1}{4}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
48253	949	1232	$\frac{25}{308}$	$\frac{3}{28}$	$\frac{283}{1232}$	$\frac{1}{4}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{176}\ \Phi_{112}\ \Phi_{88}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
48254	949	720	$\frac{1}{18}$	$\frac{3}{16}$	$\frac{17}{90}$	$\frac{1}{4}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{120}^{2}\ \Phi_{90}\ \Phi_{80}^{2}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
48255	949	624	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{624}^{2}\ \Phi_{312}^{2}\ \Phi_{208}^{2}\ \Phi_{104}^{2}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
48256	949	336	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{112}^{4}\ \Phi_{84}\ \Phi_{56}^{4}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
48257	949	80	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{80}^{13}\ \Phi_{40}^{13}\ \Phi_{20}^{13}\ \Phi_{16}^{6}\ \Phi_{10}^{13}\ \Phi_{8}^{9}\ \Phi_{5}^{13}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
48258	949	1296	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{216}\ \Phi_{81}\ \Phi_{27}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
48259	949	1200	$\frac{1}{12}$	$\frac{49}{300}$	$\frac{11}{60}$	$\frac{251}{1200}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
48260	950	1512	$\frac{1}{189}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{94}{189}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
48261	950	2832	$\frac{3}{472}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{469}{944}$	$\Phi_{2832}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
48262	950	1692	$\frac{1}{94}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{93}{188}$	$\Phi_{1692}\ \Phi_{564}\ \Phi_{188}^{2}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
48263	950	564	$\frac{1}{94}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{93}{188}$	$\Phi_{564}^{3}\ \Phi_{188}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
48264	950	2814	$\frac{6}{469}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{463}{938}$	$\Phi_{2814}\ \Phi_{402}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
48265	950	876	$\frac{1}{73}$	$\frac{37}{438}$	$\frac{401}{876}$	$\frac{36}{73}$	$\Phi_{876}^{2}\ \Phi_{292}^{2}\ \Phi_{73}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
48266	950	657	$\frac{1}{73}$	$\frac{37}{219}$	$\frac{182}{657}$	$\frac{36}{73}$	$\Phi_{657}^{2}\ \Phi_{73}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
48267	950	584	$\frac{1}{73}$	$\frac{109}{584}$	$\frac{37}{146}$	$\frac{36}{73}$	$\Phi_{584}^{2}\ \Phi_{292}^{2}\ \Phi_{73}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
48268	950	1632	$\frac{1}{68}$	$\frac{69}{544}$	$\frac{1}{3}$	$\frac{67}{136}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{204}\ \Phi_{102}\ \Phi_{96}\ \Phi_{51}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
48269	950	936	$\frac{7}{468}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{461}{936}$	$\Phi_{936}^{2}\ \Phi_{312}^{2}\ \Phi_{104}^{2}\ \Phi_{72}^{2}\ \Phi_{24}^{2}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
48270	950	1764	$\frac{1}{49}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{24}{49}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{252}\ \Phi_{196}\ \Phi_{84}\ \Phi_{49}\ \Phi_{36}^{2}\ \Phi_{28}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
48271	950	147	$\frac{1}{49}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{147}^{6}\ \Phi_{49}^{7}\ \Phi_{21}^{7}\ \Phi_{7}^{8}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
48272	950	1323	$\frac{1}{49}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{24}{49}$	$\Phi_{1323}\ \Phi_{189}\ \Phi_{49}\ \Phi_{27}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
48273	950	1176	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{24}{49}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{196}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{49}\ \Phi_{28}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
48274	950	2046	$\frac{2}{93}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{91}{186}$	$\Phi_{2046}\ \Phi_{682}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
48275	950	1776	$\frac{1}{37}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{18}{37}$	$\Phi_{1776}\ \Phi_{592}\ \Phi_{48}^{2}\ \Phi_{37}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
48276	950	999	$\frac{1}{37}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{999}\ \Phi_{333}\ \Phi_{37}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
48277	950	1332	$\frac{1}{37}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{18}{37}$	$\Phi_{1332}\ \Phi_{666}\ \Phi_{333}\ \Phi_{37}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
48278	950	1036	$\frac{1}{37}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{18}{37}$	$\Phi_{1036}\ \Phi_{518}\ \Phi_{259}\ \Phi_{37}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
48279	950	1184	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{18}{37}$	$\Phi_{1184}\ \Phi_{592}\ \Phi_{37}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
48280	950	222	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{18}{37}$	$\Phi_{222}^{4}\ \Phi_{111}^{4}\ \Phi_{74}^{4}\ \Phi_{37}^{5}\ \Phi_{6}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
48281	950	924	$\frac{13}{462}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{449}{924}$	$\Phi_{924}^{2}\ \Phi_{308}^{2}\ \Phi_{132}^{2}\ \Phi_{84}^{2}\ \Phi_{44}^{2}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}^{2}$
48282	950	1408	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{1408}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
48283	950	2024	$\frac{3}{92}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{89}{184}$	$\Phi_{2024}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
48284	950	918	$\frac{16}{459}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{443}{918}$	$\Phi_{918}^{2}\ \Phi_{306}^{2}\ \Phi_{102}^{2}\ \Phi_{54}^{2}\ \Phi_{51}\ \Phi_{34}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
48285	950	504	$\frac{1}{28}$	$\frac{29}{504}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{168}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
48286	950	240	$\frac{1}{24}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{240}^{8}\ \Phi_{80}^{8}\ \Phi_{60}\ \Phi_{48}^{6}\ \Phi_{30}\ \Phi_{16}^{6}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
48287	950	949	$\frac{41}{949}$	$\frac{99}{949}$	$\frac{170}{949}$	$\frac{454}{949}$	$\Phi_{949}\ \Phi_{73}\ \Phi_{13}\ \Phi_{1}^{2}$
48288	950	182	$\frac{4}{91}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{87}{182}$	$\Phi_{182}^{10}\ \Phi_{26}^{10}\ \Phi_{14}^{10}\ \Phi_{13}^{3}\ \Phi_{2}^{10}\ \Phi_{1}^{4}$
48289	950	1146	$\frac{9}{191}$	$\frac{20}{191}$	$\frac{1}{6}$	$\frac{91}{191}$	$\Phi_{1146}\ \Phi_{573}\ \Phi_{382}$
48290	950	468	$\frac{1}{26}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{468}^{4}\ \Phi_{156}^{4}\ \Phi_{78}\ \Phi_{52}^{4}\ \Phi_{39}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}^{2}$
48291	950	1764	$\frac{1}{18}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{17}{36}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{252}\ \Phi_{196}\ \Phi_{84}\ \Phi_{49}\ \Phi_{36}^{2}\ \Phi_{28}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
48292	950	396	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{396}^{5}\ \Phi_{132}^{5}\ \Phi_{66}\ \Phi_{44}^{5}\ \Phi_{33}\ \Phi_{22}$
48293	950	252	$\frac{1}{18}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{17}{36}$	$\Phi_{252}^{3}\ \Phi_{126}^{4}\ \Phi_{84}^{3}\ \Phi_{63}^{4}\ \Phi_{42}^{4}\ \Phi_{36}^{4}\ \Phi_{28}^{5}\ \Phi_{21}^{4}\ \Phi_{18}^{4}\ \Phi_{14}^{6}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
48294	950	340	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{340}^3\ \Phi_{170}^3\ \Phi_{85}^3\ \Phi_{68}^3\ \Phi_{34}\ \Phi_{20}^2\ \Phi_{17}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
48295	950	2688	$\frac{1}{28}$	$\frac{27}{448}$	$\frac{1}{3}$	$\frac{421}{896}$	$\Phi_{2688}\ \Phi_{384}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
48296	950	2652	$\frac{1}{34}$	$\frac{33}{442}$	$\frac{1}{3}$	$\frac{409}{884}$	$\Phi_{2652}\ \Phi_{204}\ \Phi_{156}\ \Phi_{102}\ \Phi_{51}\ \Phi_{12}\ \Phi_6$
48297	950	702	$\frac{7}{234}$	$\frac{1}{13}$	$\frac{227}{702}$	$\frac{6}{13}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{13}\ \Phi_1^2$
48298	950	26	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{26}^{36}\ \Phi_{13}^{37}\ \Phi_2^{36}\ \Phi_1^{38}$
48299	950	624	$\frac{7}{156}$	$\frac{1}{13}$	$\frac{149}{624}$	$\frac{6}{13}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
48300	950	117	$\frac{7}{117}$	$\frac{1}{13}$	$\frac{22}{117}$	$\frac{6}{13}$	$\Phi_{117}^8\ \Phi_{39}^8\ \Phi_{13}^9\ \Phi_9^8\ \Phi_3^8\ \Phi_1^{10}$
48301	950	507	$\frac{32}{507}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{507}^2\ \Phi_{169}^2\ \Phi_{13}\ \Phi_1^2$
48302	950	104	$\frac{1}{13}$	$\frac{9}{104}$	$\frac{7}{52}$	$\frac{6}{13}$	$\Phi_{104}^{10}\ \Phi_{52}^8\ \Phi_{26}^8\ \Phi_{13}^9\ \Phi_8^{10}\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{10}$
48303	950	546	$\frac{1}{13}$	$\frac{7}{78}$	$\frac{71}{546}$	$\frac{6}{13}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_1^2$
48304	950	176	$\frac{7}{88}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{81}{176}$	$\Phi_{176}^{10}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}^{10}$
48305	950	423	$\frac{1}{47}$	$\frac{1}{9}$	$\frac{46}{141}$	$\frac{4}{9}$	$\Phi_{423}^2\ \Phi_{141}^3\ \Phi_{47}^2\ \Phi_9^3\ \Phi_3^4\ \Phi_1^4$
48306	950	423	$\frac{2}{47}$	$\frac{1}{9}$	$\frac{9}{47}$	$\frac{4}{9}$	$\Phi_{423}^2\ \Phi_{141}^2\ \Phi_{47}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^6$
48307	950	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{180}^5\ \Phi_{90}^5\ \Phi_{60}^7\ \Phi_{45}^5\ \Phi_{36}^5\ \Phi_{30}^7\ \Phi_{20}^6\ \Phi_{18}^2\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}^6\ \Phi_9^3\ \Phi_6^3\ \Phi_5^6\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
48308	950	1848	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{84}$	$\frac{73}{168}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
48309	950	949	$\frac{29}{949}$	$\frac{153}{949}$	$\frac{184}{949}$	$\frac{398}{949}$	$\Phi_{949}\ \Phi_{73}\ \Phi_{13}\ \Phi_1^2$
48310	950	816	$\frac{1}{68}$	$\frac{67}{408}$	$\frac{1}{3}$	$\frac{341}{816}$	$\Phi_{816}^2\ \Phi_{272}^2\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
48311	950	340	$\frac{1}{20}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{340}^3\ \Phi_{170}^3\ \Phi_{85}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
48312	950	1632	$\frac{1}{51}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{204}\ \Phi_{102}\ \Phi_{96}\ \Phi_{68}\ \Phi_{34}\ \Phi_{12}\ \Phi_6$
48313	950	352	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{352}^5\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
48314	950	949	$\frac{44}{949}$	$\frac{113}{949}$	$\frac{181}{949}$	$\frac{384}{949}$	$\Phi_{949}\ \Phi_{73}\ \Phi_{13}\ \Phi_1^2$
48315	950	1146	$\frac{6}{191}$	$\frac{1}{6}$	$\frac{37}{191}$	$\frac{77}{191}$	$\Phi_{1146}\ \Phi_{573}\ \Phi_{382}$
48316	950	96	$\frac{1}{96}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{96}^{10}\ \Phi_{48}^{10}\ \Phi_{32}^{10}\ \Phi_{24}^9\ \Phi_{16}^{10}\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
48317	950	504	$\frac{1}{63}$	$\frac{31}{126}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^3\ \Phi_{168}^3\ \Phi_{126}^2\ \Phi_{72}^3\ \Phi_{63}\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9\ \Phi_8^4\ \Phi_7\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48318	950	408	$\frac{1}{51}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^2\ \Phi_{204}^3\ \Phi_{136}^2\ \Phi_{102}^3\ \Phi_{68}^3\ \Phi_{51}^2\ \Phi_{34}^3\ \Phi_{24}\ \Phi_{17}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48319	950	1512	$\frac{4}{189}$	$\frac{37}{189}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_9\ \Phi_8^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
48320	950	312	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^5\ \Phi_{104}^5\ \Phi_{78}^3\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{24}^3\ \Phi_{13}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48321	950	392	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{392}^4\ \Phi_{98}^2\ \Phi_{56}^3\ \Phi_{49}^2\ \Phi_{14}^2\ \Phi_8^4\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
48322	950	216	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^7\ \Phi_{108}^2\ \Phi_{72}^7\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{24}^7\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^8\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48323	950	792	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}^2\ \Phi_{264}^2\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{11}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
48324	950	168	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^9\ \Phi_{56}^9\ \Phi_{24}^9\ \Phi_{21}^9\ \Phi_8^{10}\ \Phi_7^9\ \Phi_3^9\ \Phi_1^{10}$
48325	950	440	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^4\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}^3\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
48326	950	510	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{510}^3\ \Phi_{255}\ \Phi_{170}^3\ \Phi_{102}^3\ \Phi_{85}\ \Phi_{34}^3\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
48327	950	146	$\frac{3}{73}$	$\frac{7}{73}$	$\frac{22}{73}$	$\frac{51}{146}$	$\Phi_{146}^{10}\ \Phi_{73}^3\ \Phi_2^{10}\ \Phi_1^4$
48328	950	1584	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{23}{72}$	$\frac{49}{144}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
48329	950	714	$\frac{1}{119}$	$\frac{118}{357}$	$\frac{1}{3}$	$\frac{239}{714}$	$\Phi_{714}^2\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{42}^2\ \Phi_{34}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_6^2\ \Phi_2^2$
48330	950	546	$\frac{1}{26}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{78}\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{14}^2\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
48331	950	540	$\frac{1}{20}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
48332	950	708	$\frac{3}{236}$	$\frac{1}{4}$	$\frac{233}{708}$	$\frac{1}{3}$	$\Phi_{708}\ \Phi_{354}\ \Phi_{236}^2\ \Phi_{177}\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48333	950	612	$\frac{1}{68}$	$\frac{137}{612}$	$\frac{67}{204}$	$\frac{1}{3}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}\ \Phi_{153}^2\ \Phi_{102}\ \Phi_{51}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
48334	950	282	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{46}{141}$	$\frac{1}{3}$	$\Phi_{282}^4\ \Phi_{141}^3\ \Phi_{94}^4\ \Phi_{47}^2\ \Phi_6^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
48335	950	102	$\frac{1}{17}$	$\frac{7}{102}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{102}^{10}\ \Phi_{51}^9\ \Phi_{34}^{10}\ \Phi_{17}^8\ \Phi_6^{10}\ \Phi_3^8\ \Phi_2^{10}\ \Phi_1^8$
48336	950	504	$\frac{29}{504}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2$
48337	950	180	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}\ \Phi_{45}^8\ \Phi_{36}^6\ \Phi_{30}\ \Phi_{18}^6\ \Phi_{15}\ \Phi_{12}\ \Phi_9^6\ \Phi_6$
48338	950	702	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{78}\ \Phi_{54}^2\ \Phi_{39}\ \Phi_6$
48339	950	672	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{197}{672}$	$\frac{1}{3}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}^2\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{96}\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48340	950	294	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{294}^5\ \Phi_{147}^5\ \Phi_{42}^5\ \Phi_{21}^3\ \Phi_6^5\ \Phi_3^2$
48341	950	420	$\frac{1}{20}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{105}^4\ \Phi_{84}^3\ \Phi_{60}\ \Phi_{42}^3\ \Phi_{30}\ \Phi_{21}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
48342	950	336	$\frac{1}{28}$	$\frac{17}{112}$	$\frac{27}{112}$	$\frac{1}{3}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{84}^5\ \Phi_{48}^4\ \Phi_{42}^5\ \Phi_{24}^4\ \Phi_{21}^5\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
48343	950	1848	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{141}{616}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{264}\ \Phi_{168}\ \Phi_{132}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
48344	950	612	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{137}{612}$	$\frac{1}{3}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{36}^2\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
48345	950	1170	$\frac{1}{26}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{90}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{30}\ \Phi_{10}\ \Phi_6$
48346	950	480	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{96}^3\ \Phi_{60}\ \Phi_{48}^3\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
48347	950	312	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{312}^4\ \Phi_{156}^4\ \Phi_{104}^4\ \Phi_{78}\ \Phi_{52}^4\ \Phi_{39}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2$
48348	950	282	$\frac{2}{47}$	$\frac{1}{6}$	$\frac{9}{47}$	$\frac{1}{3}$	$\Phi_{282}^4\ \Phi_{141}^2\ \Phi_{94}^4\ \Phi_{47}^4\ \Phi_6^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
48349	950	204	$\frac{3}{68}$	$\frac{11}{68}$	$\frac{13}{68}$	$\frac{1}{3}$	$\Phi_{204}^7\ \Phi_{102}^7\ \Phi_{51}^7\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
48350	950	147	$\frac{4}{49}$	$\frac{2}{21}$	$\frac{9}{49}$	$\frac{1}{3}$	$\Phi_{147}^6\ \Phi_{49}^7\ \Phi_{21}^7\ \Phi_7^8\ \Phi_3^6\ \Phi_1^8$
48351	950	102	$\frac{7}{102}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{102}^{10}\ \Phi_{51}^8\ \Phi_{34}^{10}\ \Phi_{17}^{10}\ \Phi_6^{10}\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
48352	950	60	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{60}^{17}\ \Phi_{30}^{17}\ \Phi_{20}^{16}\ \Phi_{15}^{17}\ \Phi_{12}^{17}\ \Phi_{10}^{16}\ \Phi_6^9\ \Phi_5^{16}\ \Phi_4^{16}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
48353	950	462	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{462}^3\ \Phi_{231}^2\ \Phi_{154}^3\ \Phi_{77}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
48354	950	84	$\frac{2}{21}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{84}^{12}\ \Phi_{42}^{12}\ \Phi_{28}^{14}\ \Phi_{21}^7\ \Phi_{14}^{14}\ \Phi_{12}^{12}\ \Phi_7^8\ \Phi_6^{12}\ \Phi_4^{14}\ \Phi_3^6\ \Phi_2^{14}\ \Phi_1^8$
48355	950	104	$\frac{1}{13}$	$\frac{9}{104}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{104}^{10}\ \Phi_{52}^{10}\ \Phi_{26}^{10}\ \Phi_{13}^3\ \Phi_8^{10}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^4$
48356	950	1323	$\frac{4}{49}$	$\frac{1}{9}$	$\frac{9}{49}$	$\frac{8}{27}$	$\Phi_{1323}\ \Phi_{189}\ \Phi_{49}\ \Phi_{27}^2\ \Phi_7\ \Phi_1^2$
48357	950	594	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{594}^3\ \Phi_{297}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
48358	950	756	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{27}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{189}\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
48359	950	1188	$\frac{1}{11}$	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
48360	950	1176	$\frac{4}{49}$	$\frac{1}{6}$	$\frac{9}{49}$	$\frac{5}{24}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{196}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{49}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
48361	950	264	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{264}^5\ \Phi_{132}^5\ \Phi_{88}^5\ \Phi_{66}\ \Phi_{44}^5\ \Phi_{33}\ \Phi_{22}$
48362	950	168	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{168}^7\ \Phi_{84}^3\ \Phi_{56}^7\ \Phi_{42}^4\ \Phi_{28}^5\ \Phi_{24}^8\ \Phi_{21}^4\ \Phi_{14}^6\ \Phi_{12}^4\ \Phi_8^8\ \Phi_7^5\ \Phi_6^4\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^6$
48363	951	1520	$\frac{1}{190}$	$\frac{191}{760}$	$\frac{569}{1520}$	$\frac{189}{380}$	$\Phi_{1520}\ \Phi_{380}\ \Phi_{304}\ \Phi_{80}\ \Phi_{76}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
48364	951	1260	$\frac{2}{315}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{313}{630}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
48365	951	424	$\frac{1}{106}$	$\frac{1}{4}$	$\frac{107}{424}$	$\frac{105}{212}$	$\Phi_{424}^3\ \Phi_{212}^2\ \Phi_{106}\ \Phi_{53}\ \Phi_8^3\ \Phi_4\ \Phi_1$
48366	951	1880	$\frac{11}{940}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{929}{1880}$	$\Phi_{1880}\ \Phi_{376}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
48367	951	624	$\frac{5}{312}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{307}{624}$	$\Phi_{624}^3\ \Phi_{208}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
48368	951	600	$\frac{1}{50}$	$\frac{17}{300}$	$\frac{283}{600}$	$\frac{49}{100}$	$\Phi_{600}^3\ \Phi_{200}^3\ \Phi_{120}^3\ \Phi_{100}\ \Phi_{40}^3\ \Phi_{24}^3\ \Phi_{20}\ \Phi_8^3\ \Phi_4\ \Phi_1$
48369	951	400	$\frac{1}{50}$	$\frac{17}{100}$	$\frac{83}{400}$	$\frac{49}{100}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
48370	951	620	$\frac{7}{310}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{303}{620}$	$\Phi_{620}^3\ \Phi_{124}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
48371	951	608	$\frac{1}{38}$	$\frac{13}{304}$	$\frac{291}{608}$	$\frac{37}{76}$	$\Phi_{608}^3\ \Phi_{76}\ \Phi_{32}^3\ \Phi_4\ \Phi_1$
48372	951	456	$\frac{1}{38}$	$\frac{13}{152}$	$\frac{139}{456}$	$\frac{37}{76}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{114}^3\ \Phi_{76}\ \Phi_{57}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
48373	951	1064	$\frac{1}{38}$	$\frac{113}{1064}$	$\frac{39}{152}$	$\frac{37}{76}$	$\Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{133}\ \Phi_{76}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
48374	951	1216	$\frac{1}{38}$	$\frac{39}{304}$	$\frac{265}{1216}$	$\frac{37}{76}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{76}\ \Phi_{64}\ \Phi_{32}\ \Phi_4\ \Phi_1$
48375	951	380	$\frac{1}{38}$	$\frac{63}{380}$	$\frac{13}{76}$	$\frac{37}{76}$	$\Phi_{380}^3\ \Phi_{190}^3\ \Phi_{95}^3\ \Phi_{76}\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
48376	951	1280	$\frac{9}{320}$	$\frac{1}{10}$	$\frac{329}{1280}$	$\frac{311}{640}$	$\Phi_{1280}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
48377	951	1840	$\frac{31}{920}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{889}{1840}$	$\Phi_{1840}\ \Phi_{368}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
48378	951	608	$\frac{13}{304}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{291}{608}$	$\Phi_{608}^3\ \Phi_{32}^3\ \Phi_{19}^2\ \Phi_1^3$
48379	951	1292	$\frac{1}{19}$	$\frac{18}{323}$	$\frac{341}{1292}$	$\frac{305}{646}$	$\Phi_{1292}\ \Phi_{323}\ \Phi_{76}\ \Phi_{68}\ \Phi_{17}\ \Phi_4\ \Phi_1$
48380	951	600	$\frac{1}{25}$	$\frac{17}{300}$	$\frac{8}{25}$	$\frac{283}{600}$	$\Phi_{600}^3\ \Phi_{200}^3\ \Phi_{120}^3\ \Phi_{40}^3\ \Phi_{25}^2\ \Phi_{24}^3\ \Phi_8^3\ \Phi_5^2\ \Phi_1^3$
48381	951	600	$\frac{17}{300}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{283}{600}$	$\Phi_{600}^3\ \Phi_{200}^3\ \Phi_{120}^3\ \Phi_{40}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
48382	951	1300	$\frac{1}{25}$	$\frac{24}{325}$	$\frac{349}{1300}$	$\frac{301}{650}$	$\Phi_{1300}\ \Phi_{325}\ \Phi_{260}\ \Phi_{100}\ \Phi_{65}\ \Phi_{52}\ \Phi_{20}\ \Phi_{13}\ \Phi_4\ \Phi_1$
48383	951	1760	$\frac{71}{880}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{809}{1760}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
48384	951	560	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{37}{280}$	$\frac{243}{560}$	$\Phi_{560}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
48385	951	324	$\frac{7}{324}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{324}^3\ \Phi_{162}^3\ \Phi_{108}^3\ \Phi_{81}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
48386	951	1600	$\frac{1}{50}$	$\frac{151}{800}$	$\frac{49}{200}$	$\frac{649}{1600}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{200}\ \Phi_{100}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
48387	951	1600	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{151}{800}$	$\frac{649}{1600}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
48388	951	1060	$\frac{1}{53}$	$\frac{52}{265}$	$\frac{1}{4}$	$\frac{213}{530}$	$\Phi_{1060}\ \Phi_{265}\ \Phi_{212}^2\ \Phi_{106}\ \Phi_{53}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
48389	951	400	$\frac{1}{50}$	$\frac{83}{400}$	$\frac{49}{200}$	$\frac{151}{400}$	$\Phi_{400}^2\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{80}^2\ \Phi_{50}^2\ \Phi_{40}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
48390	951	323	$\frac{6}{323}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{323}^3\ \Phi_{19}^2\ \Phi_{17}^3\ \Phi_1^3$
48391	951	500	$\frac{1}{50}$	$\frac{49}{250}$	$\frac{67}{250}$	$\frac{183}{500}$	$\Phi_{500}^3\ \Phi_{250}\ \Phi_{125}\ \Phi_{100}^3\ \Phi_{20}^3\ \Phi_4^3\ \Phi_1$
48392	951	342	$\frac{1}{19}$	$\frac{25}{342}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{342}^3\ \Phi_{171}^3\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{19}^2\ \Phi_{18}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
48393	951	350	$\frac{1}{25}$	$\frac{33}{350}$	$\frac{8}{25}$	$\frac{17}{50}$	$\Phi_{350}^3\ \Phi_{175}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{25}^2\ \Phi_{14}^3\ \Phi_7^3\ \Phi_5^2\ \Phi_1^3$
48394	951	480	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{77}{240}$	$\frac{163}{480}$	$\Phi_{480}^3\ \Phi_{160}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
48395	951	475	$\frac{4}{475}$	$\frac{157}{475}$	$\frac{158}{475}$	$\frac{159}{475}$	$\Phi_{475}^2\ \Phi_{95}^2\ \Phi_{25}^2\ \Phi_{19}^2\ \Phi_5^2\ \Phi_1^3$
48396	951	420	$\frac{2}{105}$	$\frac{103}{420}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^3\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_7^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
48397	951	324	$\frac{7}{324}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{324}^3\ \Phi_{162}^3\ \Phi_{108}^3\ \Phi_{81}^3\ \Phi_{54}^3\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
48398	951	756	$\frac{2}{63}$	$\frac{61}{378}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}^2\ \Phi_{84}\ \Phi_{63}\ \Phi_{54}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
48399	951	660	$\frac{13}{330}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
48400	951	360	$\frac{2}{45}$	$\frac{43}{360}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{360}^3\ \Phi_{180}^2\ \Phi_{120}^3\ \Phi_{90}^2\ \Phi_{72}^3\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
48401	951	336	$\frac{19}{336}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}^2\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
48402	951	468	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{151}{468}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{117}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
48403	951	450	$\frac{1}{25}$	$\frac{17}{150}$	$\frac{133}{450}$	$\frac{8}{25}$	$\Phi_{450}^3\ \Phi_{225}^3\ \Phi_{90}^3\ \Phi_{45}^3\ \Phi_{25}^2\ \Phi_{18}^3\ \Phi_9^3\ \Phi_5^2\ \Phi_1^3$
48404	951	375	$\frac{1}{25}$	$\frac{58}{375}$	$\frac{17}{75}$	$\frac{8}{25}$	$\Phi_{375}^3\ \Phi_{125}^3\ \Phi_{25}^2\ \Phi_5^2\ \Phi_1^3$
48405	951	400	$\frac{1}{25}$	$\frac{17}{100}$	$\frac{83}{400}$	$\frac{8}{25}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{25}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_5^2\ \Phi_1^3$
48406	951	456	$\frac{1}{19}$	$\frac{13}{152}$	$\frac{139}{456}$	$\frac{6}{19}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{24}^3\ \Phi_{19}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
48407	951	380	$\frac{1}{19}$	$\frac{63}{380}$	$\frac{13}{76}$	$\frac{6}{19}$	$\Phi_{380}^3\ \Phi_{190}^3\ \Phi_{95}^3\ \Phi_{20}^3\ \Phi_{19}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1^3$
48408	951	360	$\frac{1}{10}$	$\frac{43}{360}$	$\frac{3}{20}$	$\frac{17}{60}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
48409	951	336	$\frac{19}{336}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_7^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
48410	951	780	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{73}{390}$	$\frac{1}{4}$	$\Phi_{780}^2\ \Phi_{390}\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{130}\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
48411	951	400	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{83}{400}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
48412	952	237	$\frac{1}{237}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{118}{237}$	$\Phi_{237}^4\ \Phi_{79}^4\ \Phi_3^5\ \Phi_1^6$
48413	952	951	$\frac{5}{951}$	$\frac{239}{951}$	$\frac{356}{951}$	$\frac{473}{951}$	$\Phi_{951}\ \Phi_{317}\ \Phi_3\ \Phi_1^2$
48414	952	159	$\frac{1}{159}$	$\frac{40}{159}$	$\frac{1}{3}$	$\frac{79}{159}$	$\Phi_{159}^6\ \Phi_{53}^6\ \Phi_3^5\ \Phi_1^6$
48415	952	540	$\frac{1}{135}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{67}{135}$	$\Phi_{540}^3\ \Phi_{180}^3\ \Phi_{135}\ \Phi_{108}^3\ \Phi_{60}^3\ \Phi_{45}\ \Phi_{36}^3\ \Phi_{27}\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}^4\ \Phi_9\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
48416	952	135	$\frac{1}{135}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{67}{135}$	$\Phi_{135}^7\ \Phi_{45}^7\ \Phi_{27}^7\ \Phi_{15}^7\ \Phi_9^8\ \Phi_5^7\ \Phi_3^7\ \Phi_1^8$
48417	952	1652	$\frac{1}{118}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{117}{236}$	$\Phi_{1652}\ \Phi_{236}^2\ \Phi_{28}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
48418	952	3540	$\frac{1}{118}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{117}{236}$	$\Phi_{3540}\ \Phi_{60}\ \Phi_{15}$
48419	952	317	$\frac{3}{317}$	$\frac{79}{317}$	$\frac{80}{317}$	$\frac{157}{317}$	$\Phi_{317}^3\ \Phi_1^4$
48420	952	871	$\frac{1}{67}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{33}{67}$	$\Phi_{871}\ \Phi_{67}^2\ \Phi_{13}^2\ \Phi_1^4$
48421	952	1608	$\frac{1}{67}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{33}{67}$	$\Phi_{1608}\ \Phi_{804}\ \Phi_{402}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
48422	952	317	$\frac{5}{317}$	$\frac{23}{317}$	$\frac{147}{317}$	$\frac{156}{317}$	$\Phi_{317}^3\ \Phi_1^4$
48423	952	234	$\frac{2}{117}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{115}{234}$	$\Phi_{234}^8\ \Phi_{78}^8\ \Phi_{26}^8\ \Phi_{18}^8\ \Phi_9^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
48424	952	1760	$\frac{1}{55}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{27}{55}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{160}\ \Phi_{55}\ \Phi_{32}^2\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
48425	952	1320	$\frac{1}{55}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{27}{55}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
48426	952	220	$\frac{1}{55}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{27}{55}$	$\Phi_{220}^4\ \Phi_{110}^4\ \Phi_{55}^5\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{20}^5\ \Phi_{11}^5\ \Phi_{10}^5\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
48427	952	795	$\frac{1}{53}$	$\frac{27}{265}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{795}^2\ \Phi_{159}\ \Phi_{15}^2$
48428	952	1096	$\frac{3}{137}$	$\frac{1}{8}$	$\frac{35}{137}$	$\frac{67}{137}$	$\Phi_{1096}\ \Phi_{548}\ \Phi_{274}$
48429	952	1440	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{41}{160}$	$\frac{39}{80}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
48430	952	2088	$\frac{3}{116}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{113}{232}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
48431	952	951	$\frac{25}{951}$	$\frac{101}{951}$	$\frac{244}{951}$	$\frac{463}{951}$	$\Phi_{951}\ \Phi_{317}\ \Phi_3\ \Phi_1^2$
48432	952	477	$\frac{13}{477}$	$\frac{35}{477}$	$\frac{1}{3}$	$\frac{232}{477}$	$\Phi_{477}^2\ \Phi_{159}^2\ \Phi_{53}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
48433	952	297	$\frac{1}{33}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{16}{33}$	$\Phi_{297}^3\ \Phi_{99}^3\ \Phi_{33}^4\ \Phi_{27}^4\ \Phi_{11}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
48434	952	165	$\frac{1}{33}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{165}^6\ \Phi_{55}^6\ \Phi_{33}^4\ \Phi_{15}^8\ \Phi_{11}^4\ \Phi_5^8\ \Phi_3^5\ \Phi_1^6$
48435	952	99	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{16}{33}$	$\Phi_{99}^9\ \Phi_{33}^{10}\ \Phi_{11}^{10}\ \Phi_9^{12}\ \Phi_3^{13}\ \Phi_1^{14}$
48436	952	1320	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{16}{33}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{120}\ \Phi_{110}\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
48437	952	951	$\frac{29}{951}$	$\frac{35}{951}$	$\frac{458}{951}$	$\frac{461}{951}$	$\Phi_{951}\ \Phi_{317}\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
48438	952	2070	$\frac{4}{115}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{111}{230}$	$\Phi_{2070}\ \Phi_{690}\ \Phi_{414}\ \Phi_{138}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
48439	952	54	$\frac{1}{27}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{54}^{18}\ \Phi_{27}^{16}\ \Phi_{18}^{20}\ \Phi_{9}^{18}\ \Phi_{6}^{20}\ \Phi_{3}^{17}\ \Phi_{2}^{20}\ \Phi_{1}^{18}$
48440	952	594	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{13}{27}$	$\Phi_{594}^{2}\ \Phi_{297}\ \Phi_{198}^{2}\ \Phi_{99}\ \Phi_{66}^{2}\ \Phi_{54}^{2}\ \Phi_{33}\ \Phi_{27}^{2}\ \Phi_{22}^{4}\ \Phi_{18}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
48441	952	144	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{25}{144}$	$\frac{23}{48}$	$\Phi_{144}^{5}\ \Phi_{72}^{8}\ \Phi_{48}^{6}\ \Phi_{36}^{8}\ \Phi_{24}^{8}\ \Phi_{18}^{8}\ \Phi_{16}^{6}\ \Phi_{12}^{8}\ \Phi_{9}^{7}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
48442	952	345	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{345}^{3}\ \Phi_{115}^{3}\ \Phi_{69}^{3}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}$
48443	952	684	$\frac{5}{114}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{109}{228}$	$\Phi_{684}^{3}\ \Phi_{228}^{2}\ \Phi_{76}^{2}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
48444	952	951	$\frac{43}{951}$	$\frac{71}{951}$	$\frac{220}{951}$	$\frac{454}{951}$	$\Phi_{951}\ \Phi_{317}\ \Phi_{3}\ \Phi_{1}^{2}$
48445	952	1096	$\frac{7}{137}$	$\frac{1}{8}$	$\frac{18}{137}$	$\frac{65}{137}$	$\Phi_{1096}\ \Phi_{548}\ \Phi_{274}$
48446	952	951	$\frac{49}{951}$	$\frac{118}{951}$	$\frac{125}{951}$	$\frac{451}{951}$	$\Phi_{951}\ \Phi_{317}\ \Phi_{3}\ \Phi_{1}^{2}$
48447	952	342	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{342}^{3}\ \Phi_{171}^{3}\ \Phi_{114}^{3}\ \Phi_{57}^{3}\ \Phi_{38}^{3}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
48448	952	1195	$\frac{13}{239}$	$\frac{18}{239}$	$\frac{1}{5}$	$\frac{113}{239}$	Φ_{1195}
48449	952	951	$\frac{50}{951}$	$\frac{53}{951}$	$\frac{251}{951}$	$\frac{449}{951}$	$\Phi_{951}\ \Phi_{317}\ \Phi_{3}\ \Phi_{1}^{2}$
48450	952	159	$\frac{2}{53}$	$\frac{3}{53}$	$\frac{1}{3}$	$\frac{25}{53}$	$\Phi_{159}^{9}\ \Phi_{3}^{8}$
48451	952	2784	$\frac{1}{29}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{2784}\ \Phi_{87}$
48452	952	1760	$\frac{3}{55}$	$\frac{1}{16}$	$\frac{13}{55}$	$\frac{15}{32}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{160}\ \Phi_{55}\ \Phi_{32}^{2}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
48453	952	480	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{480}^{4}\ \Phi_{160}^{3}\ \Phi_{96}^{4}\ \Phi_{32}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
48454	952	1056	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{15}{32}$	$\Phi_{1056}^{2}\ \Phi_{352}\ \Phi_{96}^{2}\ \Phi_{33}^{2}\ \Phi_{32}^{2}\ \Phi_{11}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
48455	952	1760	$\frac{1}{16}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{15}{32}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{160}\ \Phi_{55}\ \Phi_{32}^{2}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
48456	952	288	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{15}{32}$	$\Phi_{288}^{7}\ \Phi_{96}^{7}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
48457	952	951	$\frac{41}{951}$	$\frac{65}{951}$	$\frac{254}{951}$	$\frac{443}{951}$	$\Phi_{951}\ \Phi_{317}\ \Phi_{3}\ \Phi_{1}^{2}$
48458	952	159	$\frac{5}{159}$	$\frac{11}{159}$	$\frac{1}{3}$	$\frac{74}{159}$	$\Phi_{159}^{6}\ \Phi_{53}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
48459	952	1365	$\frac{1}{35}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1365}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}$
48460	952	871	$\frac{3}{67}$	$\frac{1}{13}$	$\frac{16}{67}$	$\frac{6}{13}$	$\Phi_{871}\ \Phi_{67}^{2}\ \Phi_{13}^{2}\ \Phi_{1}^{4}$
48461	952	1170	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
48462	952	1980	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{101}{220}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{180}\ \Phi_{132}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
48463	952	216	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{9}$	$\frac{97}{216}$	$\Phi_{216}^{8}\ \Phi_{72}^{8}\ \Phi_{36}^{3}\ \Phi_{24}^{8}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{8}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
48464	952	1015	$\frac{1}{35}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{1015}\ \Phi_{203}\ \Phi_{145}$
48465	952	951	$\frac{31}{951}$	$\frac{103}{951}$	$\frac{230}{951}$	$\frac{424}{951}$	$\Phi_{951}\ \Phi_{317}\ \Phi_{3}\ \Phi_{1}^{2}$
48466	952	243	$\frac{5}{243}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{243}^{4}\ \Phi_{81}^{4}\ \Phi_{27}^{4}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
48467	952	636	$\frac{1}{53}$	$\frac{13}{106}$	$\frac{1}{3}$	$\frac{93}{212}$	$\Phi_{636}^{4}\ \Phi_{159}\ \Phi_{12}^{4}$
48468	952	342	$\frac{1}{18}$	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{25}{57}$	$\Phi_{342}^{3}\ \Phi_{171}^{3}\ \Phi_{114}^{3}\ \Phi_{57}^{2}\ \Phi_{38}^{3}\ \Phi_{19}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
48469	952	1152	$\frac{9}{128}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
48470	952	570	$\frac{1}{57}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{570}^{3}\ \Phi_{190}^{3}\ \Phi_{114}^{3}\ \Phi_{57}^{2}\ \Phi_{38}^{3}\ \Phi_{30}^{2}\ \Phi_{19}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
48471	952	870	$\frac{1}{29}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{870}^{2}\ \Phi_{290}^{2}\ \Phi_{174}^{2}\ \Phi_{145}\ \Phi_{58}^{2}$
48472	952	90	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{13}{30}$	$\Phi_{90}^{21}\ \Phi_{45}^{3}\ \Phi_{30}^{14}\ \Phi_{18}^{21}\ \Phi_{15}^{2}\ \Phi_{10}^{14}\ \Phi_{9}^{2}\ \Phi_{6}^{14}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{14}\ \Phi_{1}^{2}$
48473	952	317	$\frac{16}{317}$	$\frac{43}{317}$	$\frac{45}{317}$	$\frac{137}{317}$	$\Phi_{317}^{3}\ \Phi_{1}^{4}$
48474	952	1195	$\frac{8}{239}$	$\frac{33}{239}$	$\frac{1}{5}$	$\frac{103}{239}$	Φ_{1195}
48475	952	951	$\frac{20}{951}$	$\frac{133}{951}$	$\frac{271}{951}$	$\frac{409}{951}$	$\Phi_{951}\ \Phi_{317}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
48476	952	477	$\frac{8}{477}$	$\frac{67}{477}$	$\frac{1}{3}$	$\frac{205}{477}$	$\Phi_{477}^2\ \Phi_{159}^2\ \Phi_{53}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
48477	952	1239	$\frac{1}{59}$	$\frac{1}{7}$	$\frac{58}{177}$	$\frac{3}{7}$	$\Phi_{1239}\ \Phi_{177}^2\ \Phi_{21}\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
48478	952	609	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{609}^2\ \Phi_{203}\ \Phi_{87}^2$
48479	952	413	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{413}^2\ \Phi_{59}^4\ \Phi_7^3\ \Phi_1^6$
48480	952	504	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}\ \Phi_{84}^2\ \Phi_{72}^4\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}^4\ \Phi_{28}\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
48481	952	276	$\frac{1}{69}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{276}^6\ \Phi_{92}^6\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
48482	952	456	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{456}^3\ \Phi_{152}^3\ \Phi_{114}^3\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{24}^2\ \Phi_{19}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48483	952	180	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{11}{45}$	$\frac{5}{12}$	$\Phi_{180}^9\ \Phi_{60}^9\ \Phi_{45}^3\ \Phi_{36}^9\ \Phi_{20}^9\ \Phi_{15}^3\ \Phi_{12}^{10}\ \Phi_9^3\ \Phi_5^3\ \Phi_4^{10}\ \Phi_3^3\ \Phi_1^4$
48484	952	420	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{420}^4\ \Phi_{140}^4\ \Phi_{84}^4\ \Phi_{60}^3\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{20}^3\ \Phi_{12}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
48485	952	324	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{324}^6\ \Phi_{108}^3\ \Phi_{81}^2\ \Phi_{36}^3\ \Phi_{27}\ \Phi_{12}^4\ \Phi_9\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
48486	952	540	$\frac{7}{135}$	$\frac{16}{135}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{540}^3\ \Phi_{180}^3\ \Phi_{135}\ \Phi_{108}^3\ \Phi_{60}^3\ \Phi_{45}\ \Phi_{36}^3\ \Phi_{27}\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}^4\ \Phi_9\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
48487	952	36	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{36}^{45}\ \Phi_{18}^8\ \Phi_{12}^{46}\ \Phi_9^7\ \Phi_6^8\ \Phi_4^{46}\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
48488	952	300	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{300}^6\ \Phi_{100}^6\ \Phi_{75}^2\ \Phi_{60}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
48489	952	1800	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{19}{100}$	$\frac{81}{200}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
48490	952	795	$\frac{2}{159}$	$\frac{157}{795}$	$\frac{1}{3}$	$\frac{319}{795}$	$\Phi_{795}\ \Phi_{265}\ \Phi_{159}^2\ \Phi_{53}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
48491	952	690	$\frac{1}{69}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{690}^2\ \Phi_{345}\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{115}\ \Phi_{46}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
48492	952	580	$\frac{1}{29}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{580}^2\ \Phi_{290}^2\ \Phi_{145}\ \Phi_{116}^2\ \Phi_{58}^2$
48493	952	812	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{812}^2\ \Phi_{203}\ \Phi_{116}^2$
48494	952	951	$\frac{34}{951}$	$\frac{131}{951}$	$\frac{205}{951}$	$\frac{373}{951}$	$\Phi_{951}\ \Phi_{317}\ \Phi_3\ \Phi_1^2$
48495	952	342	$\frac{1}{18}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{342}^3\ \Phi_{171}^3\ \Phi_{114}^3\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{19}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48496	952	317	$\frac{17}{317}$	$\frac{28}{317}$	$\frac{75}{317}$	$\frac{121}{317}$	$\Phi_{317}^3\ \Phi_1^4$
48497	952	576	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{23}{96}$	$\frac{73}{192}$	$\Phi_{576}^3\ \Phi_{192}^2\ \Phi_{72}^3\ \Phi_{64}^2\ \Phi_{36}^3\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48498	952	1096	$\frac{5}{137}$	$\frac{1}{8}$	$\frac{33}{137}$	$\frac{52}{137}$	$\Phi_{1096}\ \Phi_{548}\ \Phi_{274}$
48499	952	180	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{29}{90}$	$\frac{61}{180}$	$\Phi_{180}^8\ \Phi_{90}^3\ \Phi_{60}^8\ \Phi_{45}^3\ \Phi_{36}^8\ \Phi_{30}^2\ \Phi_{20}^8\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}^8\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^8\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48500	952	120	$\frac{1}{120}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^8\ \Phi_{60}^8\ \Phi_{40}^8\ \Phi_{30}^8\ \Phi_{24}^8\ \Phi_{20}^8\ \Phi_{15}^8\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_8^8\ \Phi_6^8\ \Phi_5^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
48501	952	711	$\frac{2}{237}$	$\frac{235}{711}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{711}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
48502	952	474	$\frac{1}{79}$	$\frac{39}{158}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{474}^2\ \Phi_{237}\ \Phi_{158}^4\ \Phi_{79}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
48503	952	207	$\frac{1}{69}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{207}^6\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
48504	952	237	$\frac{2}{79}$	$\frac{11}{79}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{237}^3\ \Phi_{79}^6\ \Phi_3^4\ \Phi_1^8$
48505	952	840	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2$
48506	952	237	$\frac{13}{237}$	$\frac{16}{237}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{237}^4\ \Phi_{79}^4\ \Phi_3^5\ \Phi_1^6$
48507	952	90	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{90}^{12}\ \Phi_{45}^{12}\ \Phi_{30}^{12}\ \Phi_{18}^8\ \Phi_{15}^8\ \Phi_{10}^{12}\ \Phi_9^8\ \Phi_6^8\ \Phi_5^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
48508	952	885	$\frac{1}{59}$	$\frac{1}{5}$	$\frac{58}{177}$	$\frac{1}{3}$	$\Phi_{885}\ \Phi_{295}^2\ \Phi_{15}^2\ \Phi_5^2$
48509	952	351	$\frac{4}{117}$	$\frac{1}{9}$	$\frac{113}{351}$	$\frac{1}{3}$	$\Phi_{351}^4\ \Phi_{27}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
48510	952	495	$\frac{2}{33}$	$\frac{1}{15}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{495}^3\ \Phi_{99}^2\ \Phi_{45}^3\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
48511	952	162	$\frac{1}{18}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{162}^9\ \Phi_{81}^8\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
48512	952	696	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{232}^2\ \Phi_{174}\ \Phi_{116}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{29}^2$
48513	952	243	$\frac{5}{243}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{243}^4\ \Phi_{81}^4\ \Phi_{27}^3\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
48514	952	159	$\frac{1}{53}$	$\frac{13}{53}$	$\frac{40}{159}$	$\frac{1}{3}$	$\Phi_{159}^5\ \Phi_{53}^8\ \Phi_3^4\ \Phi_1^8$
48515	952	1740	$\frac{1}{29}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{87}$
48516	952	45	$\frac{1}{45}$	$\frac{2}{9}$	$\frac{11}{45}$	$\frac{1}{3}$	$\Phi_{45}^{21}\ \Phi_{15}^{21}\ \Phi_9^{22}\ \Phi_5^{21}\ \Phi_3^{21}\ \Phi_1^{22}$
48517	952	1608	$\frac{3}{67}$	$\frac{1}{8}$	$\frac{16}{67}$	$\frac{1}{3}$	$\Phi_{1608}\ \Phi_{804}\ \Phi_{402}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
48518	952	468	$\frac{2}{39}$	$\frac{1}{9}$	$\frac{37}{156}$	$\frac{1}{3}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{36}^3\ \Phi_{26}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48519	952	477	$\frac{25}{477}$	$\frac{52}{477}$	$\frac{113}{477}$	$\frac{1}{3}$	$\Phi_{477}^2\ \Phi_{159}^2\ \Phi_{53}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
48520	952	330	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{330}^4\ \Phi_{165}^2\ \Phi_{110}^4\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{30}^4\ \Phi_{22}^4\ \Phi_{15}^4\ \Phi_{11}^2\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
48521	952	315	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{315}^4\ \Phi_{63}^4\ \Phi_{45}^3\ \Phi_{35}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
48522	952	81	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{81}^{14}\ \Phi_{27}^7\ \Phi_9^8\ \Phi_3^7\ \Phi_1^8$
48523	952	495	$\frac{19}{495}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{55}^2\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
48524	952	135	$\frac{7}{135}$	$\frac{16}{135}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{135}^7\ \Phi_{45}^7\ \Phi_{27}^7\ \Phi_{15}^7\ \Phi_9^8\ \Phi_5^7\ \Phi_3^7\ \Phi_1^8$
48525	952	18	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{18}^{56}\ \Phi_9^{50}\ \Phi_6^{56}\ \Phi_3^{49}\ \Phi_2^{56}\ \Phi_1^{50}$
48526	952	225	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{225}^6\ \Phi_{75}^2\ \Phi_{45}^3\ \Phi_{25}^2\ \Phi_{15}\ \Phi_9^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
48527	952	477	$\frac{22}{477}$	$\frac{65}{477}$	$\frac{103}{477}$	$\frac{1}{3}$	$\Phi_{477}^2\ \Phi_{159}^2\ \Phi_{53}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
48528	952	885	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{885}^2\ \Phi_{15}^3$
48529	952	360	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^3\ \Phi_{90}^2\ \Phi_{60}^3\ \Phi_{45}^2\ \Phi_{40}^4\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
48530	952	585	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{109}{585}$	$\frac{1}{3}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{65}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
48531	952	144	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{25}{144}$	$\frac{11}{36}$	$\Phi_{144}^8\ \Phi_{72}^8\ \Phi_{48}^8\ \Phi_{36}^3\ \Phi_{24}^8\ \Phi_{18}^3\ \Phi_{16}^8\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^8\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48532	952	1320	$\frac{3}{55}$	$\frac{1}{8}$	$\frac{13}{55}$	$\frac{7}{24}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
48533	952	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{120}^7\ \Phi_{60}^7\ \Phi_{40}^8\ \Phi_{30}^7\ \Phi_{24}^8\ \Phi_{20}^8\ \Phi_{15}^{11}\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_8^8\ \Phi_6^8\ \Phi_5^{11}\ \Phi_4^8\ \Phi_3^{12}\ \Phi_2^8\ \Phi_1^{12}$
48534	952	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{33}$	$\frac{7}{24}$	$\Phi_{264}^3\ \Phi_{132}^3\ \Phi_{88}^4\ \Phi_{66}^3\ \Phi_{44}^4\ \Phi_{33}^5\ \Phi_{24}^4\ \Phi_{22}^4\ \Phi_{12}^4\ \Phi_{11}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
48535	952	1320	$\frac{6}{55}$	$\frac{1}{8}$	$\frac{7}{55}$	$\frac{7}{24}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
48536	952	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{72}^{15}\ \Phi_{36}^{15}\ \Phi_{24}^8\ \Phi_{18}^{15}\ \Phi_{12}^8\ \Phi_9^{14}\ \Phi_8^{14}\ \Phi_6^8\ \Phi_4^{14}\ \Phi_3^7\ \Phi_2^{14}\ \Phi_1^{14}$
48537	952	1305	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{1305}\ \Phi_{261}\ \Phi_{145}$
48538	952	342	$\frac{1}{18}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{342}^3\ \Phi_{171}^3\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{38}^3\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
48539	952	220	$\frac{3}{55}$	$\frac{3}{20}$	$\frac{13}{55}$	$\frac{1}{4}$	$\Phi_{220}^4\ \Phi_{110}^4\ \Phi_{55}^5\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{20}^5\ \Phi_{11}^5\ \Phi_{10}^5\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
48540	952	60	$\frac{1}{15}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{60}^{16}\ \Phi_{30}^{16}\ \Phi_{20}^{13}\ \Phi_{15}^{20}\ \Phi_{12}^{16}\ \Phi_{10}^{13}\ \Phi_6^{16}\ \Phi_5^{16}\ \Phi_4^{12}\ \Phi_3^{20}\ \Phi_2^{12}\ \Phi_1^{16}$
48541	952	660	$\frac{1}{11}$	$\frac{3}{20}$	$\frac{5}{33}$	$\frac{1}{4}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}\ \Phi_{165}^2\ \Phi_{110}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
48542	952	220	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{220}^4\ \Phi_{110}^4\ \Phi_{55}^5\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{20}^5\ \Phi_{11}^5\ \Phi_{10}^5\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
48543	952	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{360}^4\ \Phi_{180}^3\ \Phi_{120}^4\ \Phi_{90}^3\ \Phi_{72}\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}\ \Phi_{30}^3\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
48544	952	198	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{5}{22}$	$\Phi_{198}^6\ \Phi_{99}^3\ \Phi_{66}^6\ \Phi_{33}^3\ \Phi_{22}^8\ \Phi_{18}^6\ \Phi_{11}^4\ \Phi_9^6\ \Phi_6^6\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
48545	952	440	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{5}{22}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{110}\ \Phi_{55}^2\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2$
48546	952	66	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{6}$	$\frac{5}{22}$	$\Phi_{66}^{13}\ \Phi_{33}^{15}\ \Phi_{22}^{15}\ \Phi_{11}^{16}\ \Phi_6^{12}\ \Phi_3^{14}\ \Phi_2^{14}\ \Phi_1^{16}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
48547	953	1632	$\frac{1}{136}$	$\frac{137}{816}$	$\frac{679}{1632}$	$\frac{135}{272}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{272}\ \Phi_{96}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
48548	953	1888	$\frac{9}{944}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{935}{1888}$	$\Phi_{1888}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
48549	953	1792	$\frac{1}{56}$	$\frac{57}{896}$	$\frac{839}{1792}$	$\frac{55}{112}$	$\Phi_{1792}\ \Phi_{256}\ \Phi_{112}\ \Phi_{16}\ \Phi_1$
48550	953	1344	$\frac{1}{56}$	$\frac{57}{448}$	$\frac{391}{1344}$	$\frac{55}{112}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
48551	953	1120	$\frac{1}{56}$	$\frac{167}{1120}$	$\frac{57}{224}$	$\frac{55}{112}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
48552	953	1872	$\frac{17}{936}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{919}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{144}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
48553	953	1280	$\frac{7}{320}$	$\frac{1}{8}$	$\frac{327}{1280}$	$\frac{313}{640}$	$\Phi_{1280}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
48554	953	1856	$\frac{25}{928}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{903}{1856}$	$\Phi_{1856}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
48555	953	1848	$\frac{29}{924}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{895}{1848}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{168}\ \Phi_{88}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
48556	953	1840	$\frac{33}{920}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{887}{1840}$	$\Phi_{1840}\ \Phi_{368}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
48557	953	1152	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{199}{1152}$	$\frac{185}{384}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
48558	953	1836	$\frac{35}{918}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{883}{1836}$	$\Phi_{1836}\ \Phi_{612}\ \Phi_{204}\ \Phi_{108}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
48559	953	1288	$\frac{13}{322}$	$\frac{1}{14}$	$\frac{335}{1288}$	$\frac{309}{644}$	$\Phi_{1288}\ \Phi_{322}\ \Phi_{184}\ \Phi_{161}\ \Phi_{56}\ \Phi_{46}\ \Phi_{23}\ \Phi_8\ \Phi_1$
48560	953	1824	$\frac{41}{912}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{871}{1824}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
48561	953	1292	$\frac{16}{323}$	$\frac{1}{17}$	$\frac{339}{1292}$	$\frac{307}{646}$	$\Phi_{1292}\ \Phi_{323}\ \Phi_{76}\ \Phi_{68}\ \Phi_{19}\ \Phi_4\ \Phi_1$
48562	953	1792	$\frac{57}{896}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{839}{1792}$	$\Phi_{1792}\ \Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
48563	953	1760	$\frac{73}{880}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{807}{1760}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
48564	953	1728	$\frac{7}{96}$	$\frac{89}{864}$	$\frac{1}{8}$	$\frac{775}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
48565	953	1024	$\frac{71}{1024}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
48566	953	1680	$\frac{1}{56}$	$\frac{113}{840}$	$\frac{55}{168}$	$\frac{727}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{80}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
48567	953	1680	$\frac{1}{28}$	$\frac{113}{840}$	$\frac{27}{140}$	$\frac{727}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{48}\ \Phi_{35}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
48568	953	1680	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{113}{840}$	$\frac{727}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{120}\ \Phi_{112}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
48569	953	1176	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{223}{1176}$	$\frac{169}{392}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{294}\ \Phi_{196}\ \Phi_{168}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{49}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
48570	953	1344	$\frac{1}{56}$	$\frac{55}{336}$	$\frac{391}{1344}$	$\frac{281}{672}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{64}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
48571	953	1632	$\frac{1}{68}$	$\frac{137}{816}$	$\frac{67}{204}$	$\frac{679}{1632}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{204}\ \Phi_{102}\ \Phi_{96}\ \Phi_{51}\ \Phi_{32}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
48572	953	1600	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{153}{800}$	$\frac{647}{1600}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
48573	953	1120	$\frac{1}{28}$	$\frac{167}{1120}$	$\frac{27}{140}$	$\frac{113}{280}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
48574	953	1360	$\frac{1}{68}$	$\frac{67}{340}$	$\frac{407}{1360}$	$\frac{273}{680}$	$\Phi_{1360}\ \Phi_{340}\ \Phi_{272}\ \Phi_{170}\ \Phi_{85}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
48575	953	1568	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{169}{784}$	$\frac{615}{1568}$	$\Phi_{1568}\ \Phi_{224}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{32}\ \Phi_1$
48576	953	1536	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{185}{768}$	$\frac{583}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
48577	953	1008	$\frac{55}{1008}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
48578	953	1020	$\frac{1}{17}$	$\frac{67}{1020}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
48579	953	1440	$\frac{7}{240}$	$\frac{1}{8}$	$\frac{233}{720}$	$\frac{487}{1440}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
48580	953	1224	$\frac{1}{68}$	$\frac{271}{1224}$	$\frac{67}{204}$	$\frac{137}{408}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{72}\ \Phi_{51}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
48581	953	1428	$\frac{1}{119}$	$\frac{118}{357}$	$\frac{475}{1428}$	$\frac{239}{714}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{357}\ \Phi_{204}\ \Phi_{84}\ \Phi_{68}\ \Phi_{51}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
48582	953	1377	$\frac{1}{17}$	$\frac{35}{459}$	$\frac{424}{1377}$	$\frac{16}{51}$	$\Phi_{1377}\ \Phi_{81}\ \Phi_{51}\ \Phi_{3}\ \Phi_{1}$
48583	953	1071	$\frac{1}{17}$	$\frac{118}{1071}$	$\frac{35}{153}$	$\frac{16}{51}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{119}\ \Phi_{63}\ \Phi_{51}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
48584	953	1224	$\frac{1}{17}$	$\frac{35}{306}$	$\frac{271}{1224}$	$\frac{16}{51}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
48585	953	1386	$\frac{29}{462}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{433}{1386}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
48586	953	1152	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{199}{1152}$	$\frac{89}{288}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
48587	953	1248	$\frac{17}{312}$	$\frac{1}{8}$	$\frac{295}{1248}$	$\frac{7}{24}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{208}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
48588	953	1008	$\frac{55}{1008}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
48589	953	1344	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{448}$	$\frac{391}{1344}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
48590	953	1260	$\frac{1}{28}$	$\frac{27}{140}$	$\frac{307}{1260}$	$\frac{113}{420}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
48591	954	1580	$\frac{1}{158}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{157}{316}$	$\Phi_{1580}\ \Phi_{316}^2\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
48592	954	948	$\frac{1}{158}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{157}{316}$	$\Phi_{948}\ \Phi_{474}^2\ \Phi_{237}^2\ \Phi_{12}^2\ \Phi_{6}^3\ \Phi_{3}^2$
48593	954	1680	$\frac{1}{105}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{52}{105}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{48}\ \Phi_{35}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
48594	954	420	$\frac{1}{105}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{52}{105}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^3\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{7}^3\ \Phi_{6}^2\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
48595	954	953	$\frac{13}{953}$	$\frac{161}{953}$	$\frac{264}{953}$	$\frac{470}{953}$	$\Phi_{953}\ \Phi_{1}^2$
48596	954	1276	$\frac{5}{319}$	$\frac{54}{319}$	$\frac{1}{4}$	$\frac{157}{319}$	$\Phi_{1276}\ \Phi_{638}\ \Phi_{116}\ \Phi_{58}\ \Phi_{44}\ \Phi_{22}$
48597	954	1768	$\frac{1}{52}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{51}{104}$	$\Phi_{1768}\ \Phi_{136}\ \Phi_{104}^2\ \Phi_{17}\ \Phi_{8}^2\ \Phi_{1}^2$
48598	954	1560	$\frac{1}{52}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{1560}^2\ \Phi_{312}\ \Phi_{120}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{6}$
48599	954	1768	$\frac{1}{52}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{51}{104}$	$\Phi_{1768}\ \Phi_{136}\ \Phi_{104}^2\ \Phi_{17}\ \Phi_{8}^2\ \Phi_{1}^2$
48600	954	728	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{51}{104}$	$\Phi_{728}^3\ \Phi_{56}^3\ \Phi_{28}\ \Phi_{14}$
48601	954	2170	$\frac{4}{155}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{151}{310}$	$\Phi_{2170}\ \Phi_{434}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
48602	954	448	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{11}{64}$	$\frac{31}{64}$	$\Phi_{448}^2\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{7}^2$
48603	954	308	$\frac{5}{154}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{149}{308}$	$\Phi_{308}^2\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{44}^3\ \Phi_{28}^2\ \Phi_{22}^5\ \Phi_{14}^4\ \Phi_{11}^4\ \Phi_{7}^4\ \Phi_{4}^2\ \Phi_{2}^4\ \Phi_{1}^4$
48604	954	116	$\frac{1}{29}$	$\frac{5}{58}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{116}^{11}\ \Phi_{58}^5\ \Phi_{29}^6\ \Phi_{4}^{10}\ \Phi_{2}^4\ \Phi_{1}^6$
48605	954	1938	$\frac{2}{51}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{1938}\ \Phi_{646}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
48606	954	2128	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{145}{304}$	$\Phi_{2128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
48607	954	1368	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{342}\ \Phi_{171}\ \Phi_{152}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
48608	954	1326	$\frac{1}{26}$	$\frac{1}{17}$	$\frac{25}{78}$	$\frac{8}{17}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{102}\ \Phi_{78}^2\ \Phi_{51}\ \Phi_{39}^2\ \Phi_{17}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
48609	954	952	$\frac{3}{56}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{17}\ \Phi_{14}^2\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{1}^2$
48610	954	1105	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{8}{17}$	$\Phi_{1105}\ \Phi_{85}\ \Phi_{65}^2\ \Phi_{17}\ \Phi_{5}^2\ \Phi_{1}^2$
48611	954	700	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{47}{100}$	$\Phi_{700}^3\ \Phi_{140}^3\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^3\ \Phi_{14}$
48612	954	220	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{220}^6\ \Phi_{110}^6\ \Phi_{44}^5\ \Phi_{22}^5\ \Phi_{20}^6\ \Phi_{10}^6\ \Phi_{4}^4\ \Phi_{2}^4$
48613	954	580	$\frac{1}{29}$	$\frac{14}{145}$	$\frac{1}{4}$	$\frac{131}{290}$	$\Phi_{580}^2\ \Phi_{145}^2\ \Phi_{116}^3\ \Phi_{58}\ \Phi_{29}^2\ \Phi_{20}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
48614	954	1824	$\frac{1}{19}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
48615	954	672	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{7}$	$\frac{43}{96}$	$\Phi_{672}^3\ \Phi_{224}^3\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
48616	954	432	$\frac{1}{54}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{432}^4\ \Phi_{144}^4\ \Phi_{54}^2\ \Phi_{48}^3\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{16}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48617	954	560	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{17}{70}$	$\frac{7}{16}$	$\Phi_{560}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
48618	954	880	$\frac{2}{55}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{880}^2\ \Phi_{176}^2\ \Phi_{80}\ \Phi_{55}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
48619	954	1008	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{10}{63}$	$\frac{7}{16}$	$\Phi_{1008}^2\ \Phi_{336}\ \Phi_{144}^2\ \Phi_{112}\ \Phi_{63}^2\ \Phi_{48}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
48620	954	112	$\frac{3}{56}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{112}^{15}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{16}^{16}\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
48621	954	240	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{240}^7\ \Phi_{80}^7\ \Phi_{60}^2\ \Phi_{48}^7\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{16}^8\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48622	954	280	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{1}{7}$	$\frac{121}{280}$	$\Phi_{280}^6\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}^6\ \Phi_{40}^6\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}\ \Phi_8^6$
48623	954	1140	$\frac{1}{19}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{57}\ \Phi_{38}$
48624	954	1710	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{1710}\ \Phi_{570}\ \Phi_{342}\ \Phi_{190}\ \Phi_{171}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
48625	954	395	$\frac{1}{79}$	$\frac{1}{5}$	$\frac{26}{79}$	$\frac{2}{5}$	$\Phi_{395}^2\ \Phi_{79}^4\ \Phi_5^3\ \Phi_1^6$
48626	954	540	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{540}^2\ \Phi_{270}\ \Phi_{180}^2\ \Phi_{135}\ \Phi_{108}^4\ \Phi_{90}\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{36}^4\ \Phi_{30}\ \Phi_{27}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
48627	954	953	$\frac{11}{953}$	$\frac{213}{953}$	$\frac{314}{953}$	$\frac{370}{953}$	$\Phi_{953}\ \Phi_1^2$
48628	954	1792	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{31}{128}$	$\frac{97}{256}$	$\Phi_{1792}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
48629	954	1026	$\frac{1}{54}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1026}\ \Phi_{513}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
48630	954	560	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{13}{40}$	$\frac{27}{80}$	$\Phi_{560}^3\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}^3\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
48631	954	953	$\frac{14}{953}$	$\frac{211}{953}$	$\frac{313}{953}$	$\frac{320}{953}$	$\Phi_{953}\ \Phi_1^2$
48632	954	1276	$\frac{4}{319}$	$\frac{1}{4}$	$\frac{105}{319}$	$\frac{107}{319}$	$\Phi_{1276}\ \Phi_{638}\ \Phi_{116}\ \Phi_{58}\ \Phi_{44}\ \Phi_{22}$
48633	954	948	$\frac{1}{79}$	$\frac{1}{4}$	$\frac{26}{79}$	$\frac{1}{3}$	$\Phi_{948}^2\ \Phi_{474}^2\ \Phi_{12}^3\ \Phi_6^3$
48634	954	1434	$\frac{7}{478}$	$\frac{107}{478}$	$\frac{157}{478}$	$\frac{1}{3}$	$\Phi_{1434}\ \Phi_{717}\ \Phi_6$
48635	954	390	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^4\ \Phi_{78}\ \Phi_{65}^4\ \Phi_{39}\ \Phi_{30}^3\ \Phi_{26}^2\ \Phi_{15}^3\ \Phi_{13}^2\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48636	954	108	$\frac{1}{54}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{108}^8\ \Phi_{54}^{10}\ \Phi_{36}^8\ \Phi_{27}^{10}\ \Phi_{18}^{10}\ \Phi_{12}^6\ \Phi_9^{10}\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
48637	954	840	$\frac{3}{56}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{168}\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
48638	954	390	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{390}^4\ \Phi_{195}^3\ \Phi_{78}^4\ \Phi_{39}^4\ \Phi_{30}^5\ \Phi_{15}^4\ \Phi_6^5\ \Phi_3^4$
48639	954	1326	$\frac{1}{26}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{25}{78}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{102}\ \Phi_{78}^2\ \Phi_{51}\ \Phi_{39}^2\ \Phi_{17}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
48640	954	1092	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{25}{78}$	$\Phi_{1092}^2\ \Phi_{546}\ \Phi_{273}\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
48641	954	448	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{11}{64}$	$\frac{5}{16}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
48642	954	308	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{24}{77}$	$\Phi_{308}^4\ \Phi_{154}^4\ \Phi_{44}^5\ \Phi_{28}^4\ \Phi_{22}^5\ \Phi_{14}^4\ \Phi_4^4\ \Phi_2^4$
48643	954	116	$\frac{2}{29}$	$\frac{5}{58}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{116}^{11}\ \Phi_{58}^5\ \Phi_{29}^6\ \Phi_4^{10}\ \Phi_2^4\ \Phi_1^6$
48644	954	420	$\frac{1}{10}$	$\frac{7}{60}$	$\frac{1}{7}$	$\frac{3}{10}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}\ \Phi_{42}^3\ \Phi_{35}\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{14}$
48645	954	952	$\frac{3}{56}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{17}\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_1^2$
48646	954	1105	$\frac{1}{13}$	$\frac{2}{17}$	$\frac{12}{65}$	$\frac{5}{17}$	$\Phi_{1105}\ \Phi_{85}\ \Phi_{65}^2\ \Phi_{17}\ \Phi_5^2\ \Phi_1^2$
48647	954	580	$\frac{1}{29}$	$\frac{28}{145}$	$\frac{1}{4}$	$\frac{39}{145}$	$\Phi_{580}^2\ \Phi_{290}^2\ \Phi_{116}^3\ \Phi_{58}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_4^2\ \Phi_2^2$
48648	954	1368	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
48649	954	140	$\frac{1}{35}$	$\frac{17}{70}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^6\ \Phi_{70}^8\ \Phi_{35}^7\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_7^7\ \Phi_5^7\ \Phi_4^8\ \Phi_2^{10}\ \Phi_1^{10}$
48650	954	220	$\frac{2}{55}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{220}^4\ \Phi_{110}^4\ \Phi_{55}^6\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{20}^2\ \Phi_{11}^6\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
48651	954	252	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^2\ \Phi_{63}^6\ \Phi_{42}^2\ \Phi_{36}^4\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^6\ \Phi_7^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
48652	954	56	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{56}^{18}\ \Phi_{28}^{16}\ \Phi_{14}^{16}\ \Phi_{8}^{18}\ \Phi_{7}^{15}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
48653	954	60	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{60}^{16}\ \Phi_{30}^{16}\ \Phi_{20}^{16}\ \Phi_{15}^{15}\ \Phi_{12}^{16}\ \Phi_{10}^{16}\ \Phi_{6}^{16}\ \Phi_{5}^{15}\ \Phi_{4}^{18}\ \Phi_{3}^{15}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
48654	954	1456	$\frac{3}{52}$	$\frac{1}{7}$	$\frac{49}{208}$	$\frac{1}{4}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
48655	954	176	$\frac{1}{11}$	$\frac{17}{176}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{176}^{6}\ \Phi_{88}^{6}\ \Phi_{44}^{3}\ \Phi_{22}^{5}\ \Phi_{16}^{6}\ \Phi_{11}^{4}\ \Phi_{8}^{6}\ \Phi_{4}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
48656	954	1820	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{12}{65}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}\ \Phi_{14}$
48657	954	1540	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{385}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{220}\ \Phi_{140}\ \Phi_{110}\ \Phi_{70}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
48658	954	1400	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{50}$	$\frac{41}{200}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
48659	955	760	$\frac{1}{190}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{189}{380}$	$\Phi_{760}^{2}\ \Phi_{380}\ \Phi_{152}^{2}\ \Phi_{76}\ \Phi_{40}^{2}\ \Phi_{20}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
48660	955	1896	$\frac{7}{948}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{941}{1896}$	$\Phi_{1896}\ \Phi_{632}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
48661	955	1696	$\frac{1}{106}$	$\frac{107}{848}$	$\frac{741}{1696}$	$\frac{105}{212}$	$\Phi_{1696}\ \Phi_{212}\ \Phi_{32}\ \Phi_{4}\ \Phi_{1}$
48662	955	1272	$\frac{1}{106}$	$\frac{317}{1272}$	$\frac{107}{424}$	$\frac{105}{212}$	$\Phi_{1272}\ \Phi_{636}\ \Phi_{318}\ \Phi_{212}\ \Phi_{159}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
48663	955	378	$\frac{2}{189}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{187}{378}$	$\Phi_{378}^{2}\ \Phi_{189}^{3}\ \Phi_{126}^{2}\ \Phi_{63}^{3}\ \Phi_{54}^{2}\ \Phi_{42}^{2}\ \Phi_{27}^{3}\ \Phi_{21}^{3}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{9}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
48664	955	768	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{65}{256}$	$\frac{63}{128}$	$\Phi_{768}^{2}\ \Phi_{256}\ \Phi_{192}^{2}\ \Phi_{96}^{2}\ \Phi_{64}\ \Phi_{48}^{2}\ \Phi_{32}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
48665	955	1128	$\frac{3}{188}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{185}{376}$	$\Phi_{1128}^{2}\ \Phi_{376}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
48666	955	1872	$\frac{19}{936}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{917}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
48667	955	1872	$\frac{19}{936}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{917}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{144}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
48668	955	1044	$\frac{2}{87}$	$\frac{89}{1044}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{348}\ \Phi_{261}\ \Phi_{116}\ \Phi_{87}\ \Phi_{36}\ \Phi_{29}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
48669	955	1152	$\frac{5}{192}$	$\frac{1}{6}$	$\frac{197}{1152}$	$\frac{187}{384}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
48670	955	372	$\frac{5}{186}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{181}{372}$	$\Phi_{372}^{5}\ \Phi_{124}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
48671	955	1848	$\frac{31}{924}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{893}{1848}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{168}\ \Phi_{88}\ \Phi_{56}\ \Phi_{33}\ \Phi_{24}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
48672	955	1104	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{177}{368}$	$\Phi_{1104}^{2}\ \Phi_{368}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
48673	955	1836	$\frac{37}{918}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{881}{1836}$	$\Phi_{1836}\ \Phi_{612}\ \Phi_{204}\ \Phi_{108}\ \Phi_{68}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
48674	955	1824	$\frac{43}{912}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{869}{1824}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
48675	955	1296	$\frac{17}{324}$	$\frac{1}{18}$	$\frac{341}{1296}$	$\frac{307}{648}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
48676	955	1404	$\frac{19}{468}$	$\frac{1}{18}$	$\frac{449}{1404}$	$\frac{17}{36}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
48677	955	1008	$\frac{53}{1008}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
48678	955	198	$\frac{7}{198}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{198}^{5}\ \Phi_{99}^{5}\ \Phi_{66}^{4}\ \Phi_{33}^{5}\ \Phi_{22}^{4}\ \Phi_{18}^{5}\ \Phi_{11}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
48679	955	360	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{169}{360}$	$\Phi_{360}^{5}\ \Phi_{120}^{5}\ \Phi_{72}^{5}\ \Phi_{40}^{5}\ \Phi_{24}^{5}\ \Phi_{12}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
48680	955	1056	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{1}{6}$	$\frac{161}{352}$	$\Phi_{1056}^{2}\ \Phi_{352}\ \Phi_{96}^{2}\ \Phi_{48}^{2}\ \Phi_{32}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
48681	955	348	$\frac{2}{87}$	$\frac{17}{174}$	$\frac{1}{3}$	$\frac{157}{348}$	$\Phi_{348}^{5}\ \Phi_{116}^{5}\ \Phi_{87}\ \Phi_{29}\ \Phi_{12}^{5}\ \Phi_{4}^{5}\ \Phi_{1}$
48682	955	1728	$\frac{5}{96}$	$\frac{91}{864}$	$\frac{1}{6}$	$\frac{773}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
48683	955	1728	$\frac{1}{18}$	$\frac{91}{864}$	$\frac{17}{108}$	$\frac{773}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{108}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
48684	955	336	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{1}{6}$	$\frac{145}{336}$	$\Phi_{336}^{5}\ \Phi_{112}^{5}\ \Phi_{48}^{5}\ \Phi_{24}^{5}\ \Phi_{16}^{5}\ \Phi_{12}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
48685	955	216	$\frac{1}{18}$	$\frac{25}{216}$	$\frac{17}{108}$	$\frac{91}{216}$	$\Phi_{216}^{4}\ \Phi_{108}^{5}\ \Phi_{72}^{4}\ \Phi_{54}^{5}\ \Phi_{36}^{5}\ \Phi_{27}^{5}\ \Phi_{24}^{4}\ \Phi_{18}^{4}\ \Phi_{12}^{5}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
48686	955	324	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{29}{162}$	$\frac{133}{324}$	$\Phi_{324}^{5}\ \Phi_{162}\ \Phi_{108}^{5}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}^{5}\ \Phi_{27}\ \Phi_{12}^{5}\ \Phi_{4}^{5}\ \Phi_{1}$
48687	955	960	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{31}{160}$	$\frac{129}{320}$	$\Phi_{960}^{2}\ \Phi_{320}\ \Phi_{192}^{2}\ \Phi_{96}^{2}\ \Phi_{64}\ \Phi_{48}^{2}\ \Phi_{32}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
48688	955	1536	$\frac{5}{192}$	$\frac{1}{6}$	$\frac{187}{768}$	$\frac{581}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
48689	955	2280	$\frac{1}{95}$	$\frac{1}{4}$	$\frac{94}{285}$	$\frac{3}{8}$	$\Phi_{2280}\ \Phi_{456}\ \Phi_{285}\ \Phi_{120}\ \Phi_{57}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
48690	955	1560	$\frac{4}{195}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{195}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{39}\ \Phi_{24}\ \Phi_{15}\ \Phi_{13}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
48691	955	456	$\frac{1}{38}$	$\frac{37}{228}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{456}^4\ \Phi_{228}\ \Phi_{152}^2\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{24}^4\ \Phi_{12}\ \Phi_{8}^3\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
48692	955	200	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{200}^5\ \Phi_{100}^5\ \Phi_{50}^5\ \Phi_{40}^3\ \Phi_{25}^5\ \Phi_{20}^5\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{5}^5\ \Phi_{4}^5\ \Phi_{2}^4\ \Phi_{1}^5$
48693	955	1672	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1672}\ \Phi_{209}\ \Phi_{88}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
48694	955	288	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{47}{144}$	$\frac{97}{288}$	$\Phi_{288}^5\ \Phi_{96}^5\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
48695	955	1386	$\frac{2}{33}$	$\frac{31}{462}$	$\frac{431}{1386}$	$\frac{1}{3}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{63}\ \Phi_{33}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
48696	955	261	$\frac{2}{87}$	$\frac{17}{87}$	$\frac{70}{261}$	$\frac{1}{3}$	$\Phi_{261}^5\ \Phi_{87}\ \Phi_{29}\ \Phi_{9}^5\ \Phi_{1}$
48697	955	252	$\frac{2}{63}$	$\frac{1}{6}$	$\frac{61}{252}$	$\frac{1}{3}$	$\Phi_{252}^5\ \Phi_{126}^2\ \Phi_{84}^5\ \Phi_{63}^3\ \Phi_{42}^2\ \Phi_{36}^5\ \Phi_{28}^5\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^5\ \Phi_{9}^3\ \Phi_{7}^3\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
48698	955	1056	$\frac{2}{33}$	$\frac{101}{1056}$	$\frac{31}{132}$	$\frac{1}{3}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{96}\ \Phi_{88}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
48699	955	198	$\frac{7}{198}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{198}^5\ \Phi_{99}^5\ \Phi_{66}^5\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{18}^2\ \Phi_{11}^5\ \Phi_{9}^3\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
48700	955	231	$\frac{2}{33}$	$\frac{31}{231}$	$\frac{40}{231}$	$\frac{1}{3}$	$\Phi_{231}^4\ \Phi_{77}^4\ \Phi_{33}^5\ \Phi_{21}^4\ \Phi_{11}^5\ \Phi_{7}^4\ \Phi_{3}^4\ \Phi_{1}^5$
48701	955	216	$\frac{2}{27}$	$\frac{25}{216}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{216}^5\ \Phi_{108}^5\ \Phi_{72}^5\ \Phi_{54}^2\ \Phi_{36}^5\ \Phi_{27}^3\ \Phi_{24}^5\ \Phi_{18}^2\ \Phi_{12}^5\ \Phi_{9}^3\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
48702	955	210	$\frac{19}{210}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{210}^5\ \Phi_{105}^5\ \Phi_{70}^5\ \Phi_{42}^2\ \Phi_{35}^5\ \Phi_{30}^5\ \Phi_{21}^3\ \Phi_{15}^5\ \Phi_{14}^2\ \Phi_{10}^5\ \Phi_{7}^3\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
48703	955	1152	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{197}{1152}$	$\frac{91}{288}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
48704	955	216	$\frac{1}{12}$	$\frac{25}{216}$	$\frac{1}{6}$	$\frac{11}{36}$	$\Phi_{216}^5\ \Phi_{108}^5\ \Phi_{72}^5\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
48705	955	1008	$\frac{53}{1008}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
48706	955	1296	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{91}{432}$	$\frac{341}{1296}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
48707	955	1248	$\frac{19}{312}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{293}{1248}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{208}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
48708	955	240	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{60}$	$\frac{49}{240}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{48}^5\ \Phi_{40}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
48709	956	1428	$\frac{1}{238}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{237}{476}$	$\Phi_{1428}\ \Phi_{476}^2\ \Phi_{204}\ \Phi_{84}\ \Phi_{68}^2\ \Phi_{28}^2\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
48710	956	382	$\frac{1}{191}$	$\frac{48}{191}$	$\frac{143}{382}$	$\frac{95}{191}$	$\Phi_{382}^4\ \Phi_{191}\ \Phi_{2}^4\ \Phi_{1}^2$
48711	956	475	$\frac{3}{475}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{236}{475}$	$\Phi_{475}^2\ \Phi_{95}^2\ \Phi_{25}^2\ \Phi_{19}^2\ \Phi_{5}^3\ \Phi_{1}^4$
48712	956	2370	$\frac{2}{237}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{235}{474}$	$\Phi_{2370}\ \Phi_{790}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
48713	956	945	$\frac{11}{945}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{467}{945}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
48714	956	320	$\frac{1}{80}$	$\frac{1}{5}$	$\frac{81}{320}$	$\frac{79}{160}$	$\Phi_{320}^4\ \Phi_{80}^4\ \Phi_{64}^4\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
48715	956	2360	$\frac{3}{236}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{233}{472}$	$\Phi_{2360}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
48716	956	470	$\frac{4}{235}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{231}{470}$	$\Phi_{470}^4\ \Phi_{94}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
48717	956	1440	$\frac{1}{48}$	$\frac{49}{288}$	$\frac{1}{5}$	$\frac{47}{96}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
48718	956	2340	$\frac{5}{234}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{229}{468}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{260}\ \Phi_{180}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
48719	956	465	$\frac{13}{465}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{226}{465}$	$\Phi_{465}^2\ \Phi_{155}^2\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{15}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{1}^4$
48720	956	2320	$\frac{7}{232}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{225}{464}$	$\Phi_{2320}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
48721	956	460	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{221}{460}$	$\Phi_{460}^4\ \Phi_{92}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
48722	956	2280	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{217}{456}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
48723	956	450	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{211}{450}$	$\Phi_{450}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
48724	956	1280	$\frac{1}{16}$	$\frac{17}{256}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
48725	956	2240	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{1}{5}$	$\frac{209}{448}$	$\Phi_{2240}\ \Phi_{320}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
48726	956	440	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{1}{5}$	$\frac{201}{440}$	$\Phi_{440}^4\ \Phi_{88}^4\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
48727	956	2160	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{1}{5}$	$\frac{193}{432}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
48728	956	420	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{1}{5}$	$\frac{181}{420}$	$\Phi_{420}^4\ \Phi_{140}^4\ \Phi_{84}^4\ \Phi_{60}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
48729	956	400	$\frac{1}{40}$	$\frac{39}{200}$	$\frac{1}{5}$	$\frac{161}{400}$	$\Phi_{400}^4\ \Phi_{80}^4\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
48730	956	285	$\frac{3}{95}$	$\frac{46}{285}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{285}^4\ \Phi_{95}^2\ \Phi_{57}^4\ \Phi_{19}^2\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
48731	956	250	$\frac{11}{250}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{250}^4\ \Phi_{125}^4\ \Phi_{50}^4\ \Phi_{25}^2\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
48732	956	1920	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{47}{192}$	$\frac{145}{384}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
48733	956	360	$\frac{1}{60}$	$\frac{1}{5}$	$\frac{59}{180}$	$\frac{121}{360}$	$\Phi_{360}^4\ \Phi_{120}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
48734	956	357	$\frac{1}{119}$	$\frac{118}{357}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{357}^3\ \Phi_{119}^2\ \Phi_{51}^3\ \Phi_{21}^3\ \Phi_{17}^2\ \Phi_7^2\ \Phi_3^4\ \Phi_1^4$
48735	956	735	$\frac{6}{245}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{735}\ \Phi_{245}^2\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
48736	956	816	$\frac{1}{34}$	$\frac{33}{272}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}^2\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
48737	956	252	$\frac{13}{252}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{63}^4\ \Phi_{42}^3\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_9^4\ \Phi_7^2\ \Phi_6^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
48738	956	255	$\frac{1}{17}$	$\frac{16}{255}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{255}^4\ \Phi_{85}^4\ \Phi_{51}^3\ \Phi_{17}^2\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^4\ \Phi_1^4$
48739	956	1440	$\frac{1}{24}$	$\frac{49}{288}$	$\frac{1}{5}$	$\frac{23}{72}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
48740	956	270	$\frac{1}{15}$	$\frac{31}{270}$	$\frac{1}{5}$	$\frac{14}{45}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
48741	956	1680	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1}{5}$	$\frac{97}{336}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{240}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
48742	956	1260	$\frac{13}{252}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
48743	956	495	$\frac{17}{495}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{55}^2\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
48744	956	315	$\frac{11}{315}$	$\frac{1}{5}$	$\frac{76}{315}$	$\frac{4}{15}$	$\Phi_{315}^3\ \Phi_{105}^3\ \Phi_{63}^3\ \Phi_{45}^3\ \Phi_{35}^3\ \Phi_{21}^3\ \Phi_{15}^4\ \Phi_9^3\ \Phi_7^3\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
48745	956	270	$\frac{11}{135}$	$\frac{31}{270}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{270}^4\ \Phi_{135}^3\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^3\ \Phi_{30}^4\ \Phi_{27}^3\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^3\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
48746	956	525	$\frac{47}{525}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{35}\ \Phi_{25}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
48747	956	1560	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{73}{312}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{260}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
48748	956	300	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{1}{5}$	$\frac{61}{300}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{60}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
48749	957	1904	$\frac{5}{952}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{947}{1904}$	$\Phi_{1904}\ \Phi_{272}\ \Phi_{112}\ \Phi_{16}\ \Phi_8\ \Phi_1$
48750	957	1280	$\frac{3}{320}$	$\frac{1}{4}$	$\frac{323}{1280}$	$\frac{317}{640}$	$\Phi_{1280}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
48751	957	632	$\frac{3}{316}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{313}{632}$	$\Phi_{632}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
48752	957	860	$\frac{1}{86}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{85}{172}$	$\Phi_{430}^2\ \Phi_{215}^2\ \Phi_{172}\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{20}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
48753	957	2580	$\frac{1}{86}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{85}{172}$	$\Phi_{2580}\ \Phi_{516}\ \Phi_{172}\ \Phi_{60}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
48754	957	1260	$\frac{4}{315}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{311}{630}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
48755	957	1888	$\frac{13}{944}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{931}{1888}$	$\Phi_{1888}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
48756	957	384	$\frac{1}{64}$	$\frac{65}{384}$	$\frac{1}{4}$	$\frac{63}{128}$	$\Phi_{384}^{3}\,\Phi_{192}^{3}\,\Phi_{96}^{3}\,\Phi_{64}^{3}\,\Phi_{48}^{3}\,\Phi_{32}^{3}\,\Phi_{24}^{3}\,\Phi_{16}^{3}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
48757	957	1880	$\frac{17}{940}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{923}{1880}$	$\Phi_{1880}\,\Phi_{376}\,\Phi_{40}\,\Phi_{20}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{1}$
48758	957	624	$\frac{7}{312}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{305}{624}$	$\Phi_{624}^{3}\,\Phi_{208}^{3}\,\Phi_{48}^{3}\,\Phi_{16}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
48759	957	620	$\frac{9}{310}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{301}{620}$	$\Phi_{620}\,\Phi_{310}^{2}\,\Phi_{155}^{2}\,\Phi_{124}\,\Phi_{62}^{2}\,\Phi_{31}^{2}\,\Phi_{20}^{3}\,\Phi_{10}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
48760	957	448	$\frac{1}{32}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{31}{64}$	$\Phi_{448}^{4}\,\Phi_{64}^{5}\,\Phi_{56}\,\Phi_{8}\,\Phi_{1}$
48761	957	1344	$\frac{1}{32}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{31}{64}$	$\Phi_{1344}^{2}\,\Phi_{192}^{2}\,\Phi_{64}\,\Phi_{42}\,\Phi_{21}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
48762	957	64	$\frac{1}{32}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{64}^{29}\,\Phi_{32}\,\Phi_{16}\,\Phi_{8}\,\Phi_{1}$
48763	957	2240	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{31}{64}$	$\Phi_{2240}\,\Phi_{320}\,\Phi_{64}\,\Phi_{35}\,\Phi_{5}\,\Phi_{1}$
48764	957	112	$\frac{1}{28}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{27}{56}$	$\Phi_{112}^{8}\,\Phi_{56}^{9}\,\Phi_{28}^{8}\,\Phi_{16}^{10}\,\Phi_{14}^{8}\,\Phi_{8}^{11}\,\Phi_{7}^{8}\,\Phi_{4}^{10}\,\Phi_{2}^{10}\,\Phi_{1}^{11}$
48765	957	168	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{168}^{12}\,\Phi_{56}^{9}\,\Phi_{24}^{12}\,\Phi_{12}^{3}\,\Phi_{8}^{9}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
48766	957	280	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{27}{56}$	$\Phi_{280}^{4}\,\Phi_{140}^{4}\,\Phi_{70}^{4}\,\Phi_{56}\,\Phi_{40}^{5}\,\Phi_{35}^{4}\,\Phi_{20}^{5}\,\Phi_{10}^{5}\,\Phi_{8}\,\Phi_{5}^{5}\,\Phi_{1}$
48767	957	1840	$\frac{37}{920}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{883}{1840}$	$\Phi_{1840}\,\Phi_{368}\,\Phi_{80}\,\Phi_{40}\,\Phi_{20}\,\Phi_{16}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{1}$
48768	957	1024	$\frac{3}{64}$	$\frac{67}{1024}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{1024}\,\Phi_{512}\,\Phi_{256}\,\Phi_{64}\,\Phi_{32}\,\Phi_{16}\,\Phi_{8}\,\Phi_{1}$
48769	957	608	$\frac{15}{304}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{289}{608}$	$\Phi_{608}^{3}\,\Phi_{32}^{3}\,\Phi_{16}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
48770	957	600	$\frac{1}{20}$	$\frac{19}{300}$	$\frac{1}{4}$	$\frac{281}{600}$	$\Phi_{600}^{3}\,\Phi_{200}^{3}\,\Phi_{120}^{3}\,\Phi_{40}^{3}\,\Phi_{24}^{3}\,\Phi_{20}^{3}\,\Phi_{10}^{3}\,\Phi_{8}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
48771	957	1792	$\frac{3}{64}$	$\frac{61}{896}$	$\frac{1}{4}$	$\frac{835}{1792}$	$\Phi_{1792}\,\Phi_{256}\,\Phi_{64}\,\Phi_{32}\,\Phi_{16}\,\Phi_{8}\,\Phi_{1}$
48772	957	918	$\frac{1}{34}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{918}\,\Phi_{459}\,\Phi_{306}\,\Phi_{153}\,\Phi_{102}^{2}\,\Phi_{51}^{2}\,\Phi_{34}\,\Phi_{27}\,\Phi_{17}\,\Phi_{9}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
48773	957	160	$\frac{3}{80}$	$\frac{7}{80}$	$\frac{1}{4}$	$\frac{73}{160}$	$\Phi_{160}^{11}\,\Phi_{80}\,\Phi_{40}\,\Phi_{32}^{11}\,\Phi_{20}\,\Phi_{16}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{1}$
48774	957	480	$\frac{1}{12}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{160}$	$\Phi_{480}^{4}\,\Phi_{160}^{3}\,\Phi_{96}^{4}\,\Phi_{32}^{3}\,\Phi_{24}^{4}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
48775	957	860	$\frac{1}{43}$	$\frac{1}{10}$	$\frac{14}{43}$	$\frac{9}{20}$	$\Phi_{860}^{2}\,\Phi_{172}^{2}\,\Phi_{43}^{2}\,\Phi_{20}^{3}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
48776	957	680	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{680}^{2}\,\Phi_{170}^{2}\,\Phi_{136}^{2}\,\Phi_{85}^{2}\,\Phi_{40}\,\Phi_{34}\,\Phi_{17}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{1}$
48777	957	60	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{60}^{12}\,\Phi_{30}^{21}\,\Phi_{20}^{11}\,\Phi_{15}^{21}\,\Phi_{12}^{12}\,\Phi_{10}^{19}\,\Phi_{6}^{21}\,\Phi_{5}^{19}\,\Phi_{4}^{10}\,\Phi_{3}^{21}\,\Phi_{2}^{18}\,\Phi_{1}^{19}$
48778	957	576	$\frac{1}{32}$	$\frac{31}{288}$	$\frac{1}{4}$	$\frac{257}{576}$	$\Phi_{576}^{3}\,\Phi_{192}^{3}\,\Phi_{64}^{3}\,\Phi_{32}^{3}\,\Phi_{16}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
48779	957	96	$\frac{1}{12}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{96}^{12}\,\Phi_{48}^{8}\,\Phi_{32}^{9}\,\Phi_{24}^{12}\,\Phi_{16}^{6}\,\Phi_{12}^{11}\,\Phi_{8}^{9}\,\Phi_{6}^{11}\,\Phi_{4}^{8}\,\Phi_{3}^{11}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
48780	957	924	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{154}$	$\Phi_{924}\,\Phi_{462}\,\Phi_{308}\,\Phi_{231}\,\Phi_{132}^{2}\,\Phi_{84}\,\Phi_{77}\,\Phi_{66}^{2}\,\Phi_{44}^{2}\,\Phi_{42}\,\Phi_{33}^{2}\,\Phi_{28}\,\Phi_{22}\,\Phi_{21}\,\Phi_{12}\,\Phi_{11}\,\Phi_{7}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
48781	957	560	$\frac{1}{40}$	$\frac{39}{280}$	$\frac{1}{4}$	$\frac{241}{560}$	$\Phi_{560}^{3}\,\Phi_{112}^{3}\,\Phi_{80}^{3}\,\Phi_{40}^{3}\,\Phi_{20}^{3}\,\Phi_{16}^{3}\,\Phi_{10}^{3}\,\Phi_{8}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
48782	957	850	$\frac{1}{34}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{850}\,\Phi_{425}\,\Phi_{170}^{2}\,\Phi_{85}^{2}\,\Phi_{34}\,\Phi_{25}\,\Phi_{17}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
48783	957	612	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{612}^{2}\,\Phi_{306}^{2}\,\Phi_{153}^{2}\,\Phi_{102}^{2}\,\Phi_{51}^{2}\,\Phi_{36}\,\Phi_{34}\,\Phi_{18}\,\Phi_{17}\,\Phi_{9}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
48784	957	1600	$\frac{3}{160}$	$\frac{157}{800}$	$\frac{1}{4}$	$\frac{643}{1600}$	$\Phi_{1600}\,\Phi_{320}\,\Phi_{160}\,\Phi_{80}\,\Phi_{64}\,\Phi_{40}\,\Phi_{32}\,\Phi_{20}\,\Phi_{16}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{1}$
48785	957	816	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{816}^{2}\,\Phi_{272}^{2}\,\Phi_{102}^{2}\,\Phi_{51}^{2}\,\Phi_{48}\,\Phi_{34}\,\Phi_{17}\,\Phi_{16}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
48786	957	792	$\frac{1}{88}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{792}\,\Phi_{396}\,\Phi_{264}^{2}\,\Phi_{198}\,\Phi_{132}^{2}\,\Phi_{99}\,\Phi_{88}\,\Phi_{72}\,\Phi_{66}^{2}\,\Phi_{44}\,\Phi_{36}\,\Phi_{33}^{2}\,\Phi_{24}^{2}\,\Phi_{22}\,\Phi_{12}^{2}\,\Phi_{11}\,\Phi_{9}\,\Phi_{8}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
48787	957	512	$\frac{1}{64}$	$\frac{63}{256}$	$\frac{1}{4}$	$\frac{193}{512}$	$\Phi_{512}^{3}\,\Phi_{64}^{3}\,\Phi_{32}^{3}\,\Phi_{16}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
48788	957	176	$\frac{1}{88}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{176}^{8}\,\Phi_{88}^{3}\,\Phi_{44}^{3}\,\Phi_{22}^{3}\,\Phi_{16}^{7}\,\Phi_{11}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
48789	957	1088	$\frac{5}{136}$	$\frac{131}{1088}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1088}\,\Phi_{544}\,\Phi_{272}\,\Phi_{64}\,\Phi_{32}\,\Phi_{16}\,\Phi_{8}\,\Phi_{1}$
48790	957	336	$\frac{17}{336}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{336}^{3}\,\Phi_{168}^{3}\,\Phi_{112}^{3}\,\Phi_{84}^{3}\,\Phi_{56}^{2}\,\Phi_{48}^{3}\,\Phi_{42}^{3}\,\Phi_{28}^{2}\,\Phi_{24}^{3}\,\Phi_{21}^{3}\,\Phi_{16}^{3}\,\Phi_{14}^{2}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
48791	957	132	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{132}^{8}\,\Phi_{66}^{8}\,\Phi_{44}^{5}\,\Phi_{33}^{8}\,\Phi_{22}^{7}\,\Phi_{12}^{7}\,\Phi_{11}^{7}\,\Phi_{6}^{7}\,\Phi_{4}^{4}\,\Phi_{3}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
48792	957	480	$\frac{1}{80}$	$\frac{1}{4}$	$\frac{79}{240}$	$\frac{161}{480}$	$\Phi_{480}^{3}\ \Phi_{160}^{3}\ \Phi_{96}^{3}\ \Phi_{80}^{3}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
48793	957	411	$\frac{2}{137}$	$\frac{92}{411}$	$\frac{45}{137}$	$\frac{1}{3}$	$\Phi_{411}^{2}\ \Phi_{137}^{3}\ \Phi_{3}\ \Phi_{1}^{3}$
48794	957	612	$\frac{1}{34}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{612}^{2}\ \Phi_{306}\ \Phi_{204}^{2}\ \Phi_{153}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{51}^{2}\ \Phi_{36}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
48795	957	645	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{14}{43}$	$\Phi_{645}^{2}\ \Phi_{129}^{2}\ \Phi_{43}^{2}\ \Phi_{15}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
48796	957	384	$\frac{1}{32}$	$\frac{65}{384}$	$\frac{1}{4}$	$\frac{31}{96}$	$\Phi_{384}^{3}\ \Phi_{192}^{3}\ \Phi_{128}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
48797	957	360	$\frac{1}{20}$	$\frac{41}{360}$	$\frac{1}{4}$	$\frac{19}{60}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{72}^{3}\ \Phi_{45}^{3}\ \Phi_{40}^{3}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{18}^{3}\ \Phi_{10}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
48798	957	336	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{5}{16}$	$\Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{84}^{4}\ \Phi_{48}^{4}\ \Phi_{42}^{5}\ \Phi_{24}^{4}\ \Phi_{21}^{5}\ \Phi_{16}^{2}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
48799	957	32	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{32}^{33}\ \Phi_{16}^{27}\ \Phi_{8}^{27}\ \Phi_{4}^{26}\ \Phi_{2}^{26}\ \Phi_{1}^{27}$
48800	957	560	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{5}{16}$	$\Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{140}^{2}\ \Phi_{80}^{2}\ \Phi_{70}^{2}\ \Phi_{40}^{2}\ \Phi_{35}^{3}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
48801	957	84	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{84}^{10}\ \Phi_{42}^{11}\ \Phi_{28}^{12}\ \Phi_{21}^{11}\ \Phi_{14}^{12}\ \Phi_{12}^{13}\ \Phi_{7}^{12}\ \Phi_{6}^{14}\ \Phi_{4}^{14}\ \Phi_{3}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
48802	957	840	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{13}{42}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{60}^{2}\ \Phi_{42}\ \Phi_{40}\ \Phi_{30}^{2}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
48803	957	336	$\frac{17}{336}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{336}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{3}\ \Phi_{84}^{3}\ \Phi_{56}^{3}\ \Phi_{48}^{3}\ \Phi_{42}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{16}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
48804	957	448	$\frac{3}{64}$	$\frac{61}{448}$	$\frac{1}{4}$	$\frac{129}{448}$	$\Phi_{448}^{2}\ \Phi_{224}^{2}\ \Phi_{112}^{2}\ \Phi_{64}^{3}\ \Phi_{56}^{2}\ \Phi_{32}^{3}\ \Phi_{28}^{2}\ \Phi_{16}^{3}\ \Phi_{14}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
48805	957	120	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{120}^{8}\ \Phi_{60}^{8}\ \Phi_{40}^{6}\ \Phi_{30}^{8}\ \Phi_{24}^{12}\ \Phi_{20}^{6}\ \Phi_{15}^{8}\ \Phi_{12}^{11}\ \Phi_{10}^{6}\ \Phi_{8}^{9}\ \Phi_{6}^{11}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{11}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
48806	957	60	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{60}^{21}\ \Phi_{30}^{10}\ \Phi_{20}^{22}\ \Phi_{15}^{11}\ \Phi_{12}^{21}\ \Phi_{10}^{11}\ \Phi_{6}^{10}\ \Phi_{5}^{11}\ \Phi_{4}^{21}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
48807	957	96	$\frac{1}{12}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{96}^{12}\ \Phi_{48}^{12}\ \Phi_{32}^{9}\ \Phi_{24}^{12}\ \Phi_{16}^{9}\ \Phi_{12}^{3}\ \Phi_{8}^{9}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
48808	957	420	$\frac{4}{105}$	$\frac{1}{5}$	$\frac{101}{420}$	$\frac{1}{4}$	$\Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{105}^{3}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{42}^{2}\ \Phi_{35}^{3}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
48809	957	416	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{97}{416}$	$\frac{1}{4}$	$\Phi_{416}^{3}\ \Phi_{208}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
48810	957	336	$\frac{1}{12}$	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{112}^{3}\ \Phi_{56}^{3}\ \Phi_{48}^{4}\ \Phi_{24}^{4}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
48811	957	400	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{81}{400}$	$\frac{1}{4}$	$\Phi_{400}^{3}\ \Phi_{200}^{3}\ \Phi_{80}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
48812	957	700	$\frac{31}{350}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{700}^{2}\ \Phi_{350}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}^{2}\ \Phi_{50}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
48813	957	360	$\frac{4}{45}$	$\frac{41}{360}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{360}^{3}\ \Phi_{180}^{2}\ \Phi_{120}^{3}\ \Phi_{90}^{2}\ \Phi_{72}^{3}\ \Phi_{60}^{2}\ \Phi_{45}^{3}\ \Phi_{40}^{3}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
48814	957	160	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{160}^{8}\ \Phi_{80}^{8}\ \Phi_{40}^{5}\ \Phi_{32}\ \Phi_{20}^{5}\ \Phi_{16}\ \Phi_{10}^{5}\ \Phi_{8}\ \Phi_{5}^{5}\ \Phi_{1}$
48815	957	420	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{2}\ \Phi_{105}^{3}\ \Phi_{70}^{2}\ \Phi_{60}^{3}\ \Phi_{35}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
48816	957	70	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{3}{14}$	$\Phi_{70}^{13}\ \Phi_{35}^{14}\ \Phi_{14}^{15}\ \Phi_{10}^{12}\ \Phi_{7}^{15}\ \Phi_{5}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
48817	957	280	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{7}{40}$	$\Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{70}^{3}\ \Phi_{56}^{4}\ \Phi_{40}^{4}\ \Phi_{35}^{4}\ \Phi_{28}^{4}\ \Phi_{20}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
48818	958	954	$\frac{2}{477}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{475}{954}$	$\Phi_{954}^{2}\ \Phi_{318}^{2}\ \Phi_{106}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
48819	958	1920	$\frac{1}{160}$	$\frac{161}{640}$	$\frac{1}{3}$	$\frac{159}{320}$	$\Phi_{1920}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
48820	958	2856	$\frac{3}{476}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{473}{952}$	$\Phi_{2856}\ \Phi_{408}\ \Phi_{168}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
48821	958	2850	$\frac{4}{475}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{471}{950}$	$\Phi_{2850}\ \Phi_{570}\ \Phi_{150}\ \Phi_{114}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
48822	958	576	$\frac{1}{96}$	$\frac{97}{576}$	$\frac{1}{3}$	$\frac{95}{192}$	$\Phi_{576}^{2}\ \Phi_{288}^{2}\ \Phi_{144}^{2}\ \Phi_{96}^{2}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{32}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
48823	958	948	$\frac{5}{474}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{469}{948}$	$\Phi_{948}^2\ \Phi_{316}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48824	958	870	$\frac{1}{87}$	$\frac{44}{435}$	$\frac{391}{870}$	$\frac{43}{87}$	$\Phi_{870}^2\ \Phi_{290}^2\ \Phi_{174}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{30}^2\ \Phi_{29}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48825	958	946	$\frac{6}{473}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{467}{946}$	$\Phi_{946}^2\ \Phi_{86}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
48826	958	945	$\frac{13}{945}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{466}{945}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
48827	958	2832	$\frac{7}{472}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{465}{944}$	$\Phi_{2832}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
48828	958	2820	$\frac{9}{470}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{461}{940}$	$\Phi_{2820}\ \Phi_{564}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
48829	958	936	$\frac{11}{468}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{457}{936}$	$\Phi_{936}^2\ \Phi_{312}^2\ \Phi_{104}^2\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48830	958	930	$\frac{14}{465}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{451}{930}$	$\Phi_{930}^2\ \Phi_{310}^2\ \Phi_{186}^2\ \Phi_{62}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48831	958	924	$\frac{1}{33}$	$\frac{17}{462}$	$\frac{445}{924}$	$\frac{16}{33}$	$\Phi_{924}^2\ \Phi_{308}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
48832	958	693	$\frac{1}{33}$	$\frac{17}{231}$	$\frac{214}{693}$	$\frac{16}{33}$	$\Phi_{693}^2\ \Phi_{99}^2\ \Phi_{63}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
48833	958	528	$\frac{1}{33}$	$\frac{49}{528}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
48834	958	1536	$\frac{1}{32}$	$\frac{33}{512}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{384}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
48835	958	928	$\frac{15}{464}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{449}{928}$	$\Phi_{928}^2\ \Phi_{32}^2\ \Phi_{29}\ \Phi_1^2$
48836	958	2784	$\frac{15}{464}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{449}{928}$	$\Phi_{2784}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
48837	958	696	$\frac{1}{29}$	$\frac{15}{232}$	$\frac{217}{696}$	$\frac{14}{29}$	$\Phi_{696}^2\ \Phi_{348}^2\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{29}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
48838	958	522	$\frac{1}{29}$	$\frac{43}{522}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{522}^2\ \Phi_{261}^2\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{29}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
48839	958	580	$\frac{1}{29}$	$\frac{15}{116}$	$\frac{101}{580}$	$\frac{14}{29}$	$\Phi_{580}^2\ \Phi_{290}^2\ \Phi_{145}^2\ \Phi_{29}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
48840	958	924	$\frac{17}{462}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{445}{924}$	$\Phi_{924}^2\ \Phi_{308}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
48841	958	2760	$\frac{19}{460}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{441}{920}$	$\Phi_{2760}\ \Phi_{552}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
48842	958	912	$\frac{1}{24}$	$\frac{23}{456}$	$\frac{1}{3}$	$\frac{433}{912}$	$\Phi_{912}^2\ \Phi_{304}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48843	958	900	$\frac{1}{30}$	$\frac{29}{450}$	$\frac{1}{3}$	$\frac{421}{900}$	$\Phi_{900}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48844	958	2688	$\frac{1}{32}$	$\frac{31}{448}$	$\frac{1}{3}$	$\frac{417}{896}$	$\Phi_{2688}\ \Phi_{384}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
48845	958	891	$\frac{1}{33}$	$\frac{67}{891}$	$\frac{32}{99}$	$\frac{412}{891}$	$\Phi_{891}\ \Phi_{297}\ \Phi_{99}^2\ \Phi_{81}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
48846	958	2640	$\frac{1}{40}$	$\frac{39}{440}$	$\frac{1}{3}$	$\frac{401}{880}$	$\Phi_{2640}\ \Phi_{528}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
48847	958	880	$\frac{39}{440}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{401}{880}$	$\Phi_{880}^2\ \Phi_{176}^2\ \Phi_{80}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
48848	958	660	$\frac{1}{33}$	$\frac{16}{165}$	$\frac{181}{660}$	$\frac{149}{330}$	$\Phi_{660}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
48849	958	864	$\frac{1}{48}$	$\frac{47}{432}$	$\frac{1}{3}$	$\frac{385}{864}$	$\Phi_{864}^2\ \Phi_{288}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48850	958	528	$\frac{1}{11}$	$\frac{49}{528}$	$\frac{5}{44}$	$\frac{39}{88}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
48851	958	847	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{111}{847}$	$\frac{368}{847}$	$\Phi_{847}\ \Phi_{121}^2\ \Phi_{77}\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
48852	958	840	$\frac{1}{60}$	$\frac{59}{420}$	$\frac{1}{3}$	$\frac{361}{840}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48853	958	825	$\frac{1}{33}$	$\frac{133}{825}$	$\frac{32}{165}$	$\frac{346}{825}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{165}^2\ \Phi_{75}\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{25}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
48854	958	594	$\frac{1}{33}$	$\frac{16}{99}$	$\frac{115}{594}$	$\frac{83}{198}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{99}^2\ \Phi_{54}^2\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
48855	958	2400	$\frac{1}{80}$	$\frac{79}{400}$	$\frac{1}{3}$	$\frac{321}{800}$	$\Phi_{2400}\ \Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
48856	958	792	$\frac{1}{33}$	$\frac{16}{99}$	$\frac{83}{396}$	$\frac{313}{792}$	$\Phi_{792}^2\ \Phi_{264}^2\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
48857	958	783	$\frac{1}{87}$	$\frac{175}{783}$	$\frac{86}{261}$	$\frac{304}{783}$	$\Phi_{783}\ \Phi_{261}^2\ \Phi_{87}\ \Phi_{29}\ \Phi_{27}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
48858	958	696	$\frac{1}{87}$	$\frac{43}{174}$	$\frac{217}{696}$	$\frac{131}{348}$	$\Phi_{696}^2\ \Phi_{232}^2\ \Phi_{174}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{29}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
48859	958	768	$\frac{1}{96}$	$\frac{95}{384}$	$\frac{1}{3}$	$\frac{289}{768}$	$\Phi_{768}^2\ \Phi_{256}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48860	958	726	$\frac{5}{121}$	$\frac{1}{11}$	$\frac{116}{363}$	$\frac{247}{726}$	$\Phi_{726}^2\ \Phi_{242}^2\ \Phi_{121}^2\ \Phi_{66}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
48861	958	720	$\frac{1}{120}$	$\frac{119}{360}$	$\frac{1}{3}$	$\frac{241}{720}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48862	958	636	$\frac{2}{159}$	$\frac{157}{636}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{636}^2\ \Phi_{318}^2\ \Phi_{212}^2\ \Phi_{106}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48863	958	486	$\frac{7}{486}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{486}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48864	958	576	$\frac{1}{48}$	$\frac{97}{576}$	$\frac{47}{144}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48865	958	540	$\frac{1}{30}$	$\frac{61}{540}$	$\frac{29}{90}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48866	958	504	$\frac{25}{504}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48867	958	495	$\frac{16}{495}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{55}^2\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
48868	958	672	$\frac{1}{32}$	$\frac{31}{224}$	$\frac{193}{672}$	$\frac{1}{3}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}^2\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48869	958	1632	$\frac{3}{68}$	$\frac{65}{544}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{408}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
48870	958	504	$\frac{25}{504}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48871	958	630	$\frac{13}{315}$	$\frac{2}{15}$	$\frac{151}{630}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48872	958	624	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{145}{624}$	$\frac{1}{3}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48873	958	600	$\frac{1}{30}$	$\frac{29}{150}$	$\frac{121}{600}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48874	958	1500	$\frac{21}{500}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{375}\ \Phi_{300}\ \Phi_{150}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
48875	958	570	$\frac{4}{95}$	$\frac{91}{570}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{570}^2\ \Phi_{285}\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48876	958	525	$\frac{46}{525}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{35}\ \Phi_{25}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
48877	958	540	$\frac{13}{135}$	$\frac{61}{540}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48878	958	594	$\frac{1}{33}$	$\frac{115}{594}$	$\frac{67}{297}$	$\frac{32}{99}$	$\Phi_{594}^2\ \Phi_{297}\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
48879	958	660	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{220}$	$\frac{181}{660}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
48880	958	528	$\frac{1}{11}$	$\frac{49}{528}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
48881	958	616	$\frac{1}{11}$	$\frac{17}{154}$	$\frac{137}{616}$	$\frac{5}{22}$	$\Phi_{616}^2\ \Phi_{308}^2\ \Phi_{88}^2\ \Phi_{56}^2\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
48882	959	816	$\frac{1}{136}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{135}{272}$	$\Phi_{816}^2\ \Phi_{272}^3\ \Phi_{48}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
48883	959	2448	$\frac{1}{136}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{135}{272}$	$\Phi_{2448}\ \Phi_{272}\ \Phi_{144}\ \Phi_{16}\ \Phi_9\ \Phi_1$
48884	959	1080	$\frac{2}{135}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{133}{270}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
48885	959	184	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{47}{184}$	$\frac{45}{92}$	$\Phi_{184}^5\ \Phi_{92}^6\ \Phi_{46}^5\ \Phi_{23}^5\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
48886	959	264	$\frac{5}{132}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{127}{264}$	$\Phi_{264}^3\ \Phi_{132}^4\ \Phi_{88}^3\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{33}^4\ \Phi_{24}^5\ \Phi_{22}^4\ \Phi_{12}^6\ \Phi_{11}^4\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
48887	959	204	$\frac{1}{68}$	$\frac{1}{6}$	$\frac{67}{204}$	$\frac{5}{12}$	$\Phi_{204}^5\ \Phi_{102}^5\ \Phi_{68}^4\ \Phi_{51}^5\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_{12}^6\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
48888	959	420	$\frac{3}{140}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^3\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^3\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{14}^3\ \Phi_{12}\ \Phi_{10}^3\ \Phi_7^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
48889	959	1020	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{33}{170}$	$\frac{5}{12}$	$\Phi_{1020}^2\ \Phi_{340}^2\ \Phi_{170}\ \Phi_{85}\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
48890	959	144	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{144}^{7}\ \Phi_{72}^{7}\ \Phi_{48}^{7}\ \Phi_{36}^{7}\ \Phi_{24}^{5}\ \Phi_{18}^{7}\ \Phi_{16}^{7}\ \Phi_{12}^{6}\ \Phi_{9}^{7}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
48891	959	612	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{612}^{3}\ \Phi_{204}^{2}\ \Phi_{153}\ \Phi_{68}^{2}\ \Phi_{51}\ \Phi_{36}^{3}\ \Phi_{12}^{3}\ \Phi_{9}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
48892	959	920	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{22}{115}$	$\frac{93}{230}$	$\Phi_{920}\ \Phi_{460}\ \Phi_{184}^{2}\ \Phi_{115}\ \Phi_{92}^{2}\ \Phi_{46}\ \Phi_{40}\ \Phi_{23}\ \Phi_{20}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
48893	959	612	$\frac{1}{68}$	$\frac{2}{9}$	$\frac{67}{204}$	$\frac{1}{3}$	$\Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{204}\ \Phi_{153}^{2}\ \Phi_{102}\ \Phi_{51}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
48894	959	1260	$\frac{3}{140}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
48895	959	360	$\frac{2}{45}$	$\frac{1}{8}$	$\frac{43}{180}$	$\frac{1}{3}$	$\Phi_{360}^{3}\ \Phi_{180}^{2}\ \Phi_{120}^{3}\ \Phi_{90}^{2}\ \Phi_{72}^{3}\ \Phi_{60}^{2}\ \Phi_{45}^{3}\ \Phi_{40}^{3}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{4}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
48896	959	1530	$\frac{1}{34}$	$\frac{33}{170}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{170}\ \Phi_{90}\ \Phi_{85}\ \Phi_{45}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
48897	959	144	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{144}^{7}\ \Phi_{72}^{6}\ \Phi_{48}^{7}\ \Phi_{36}^{6}\ \Phi_{24}^{7}\ \Phi_{18}^{6}\ \Phi_{16}^{7}\ \Phi_{12}^{7}\ \Phi_{9}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
48898	959	153	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{153}^{6}\ \Phi_{51}^{7}\ \Phi_{17}^{6}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{7}$
48899	959	648	$\frac{2}{27}$	$\frac{1}{8}$	$\frac{25}{162}$	$\frac{1}{3}$	$\Phi_{648}^{2}\ \Phi_{324}^{2}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
48900	959	600	$\frac{13}{150}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{600}^{2}\ \Phi_{300}^{2}\ \Phi_{200}^{2}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}^{2}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
48901	959	792	$\frac{5}{66}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{61}{198}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{198}\ \Phi_{99}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
48902	960	717	$\frac{1}{239}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{119}{239}$	$\Phi_{717}\ \Phi_{239}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
48903	960	959	$\frac{5}{959}$	$\frac{241}{959}$	$\frac{359}{959}$	$\frac{477}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
48904	960	1528	$\frac{1}{191}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{95}{191}$	$\Phi_{1528}\ \Phi_{191}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
48905	960	1443	$\frac{3}{481}$	$\frac{121}{481}$	$\frac{1}{3}$	$\frac{239}{481}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
48906	960	795	$\frac{1}{159}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{79}{159}$	$\Phi_{795}\ \Phi_{265}\ \Phi_{159}^{2}\ \Phi_{53}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
48907	960	636	$\frac{1}{159}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{79}{159}$	$\Phi_{636}^{2}\ \Phi_{318}^{2}\ \Phi_{212}^{2}\ \Phi_{106}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
48908	960	137	$\frac{1}{137}$	$\frac{23}{137}$	$\frac{57}{137}$	$\frac{68}{137}$	$\Phi_{137}^{7}\ \Phi_{1}^{8}$
48909	960	119	$\frac{1}{119}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{59}{119}$	$\Phi_{119}^{8}\ \Phi_{17}^{8}\ \Phi_{7}^{9}\ \Phi_{1}^{10}$
48910	960	1785	$\frac{1}{119}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{59}{119}$	$\Phi_{1785}\ \Phi_{255}\ \Phi_{105}\ \Phi_{15}^{2}$
48911	960	428	$\frac{1}{107}$	$\frac{1}{4}$	$\frac{27}{107}$	$\frac{53}{107}$	$\Phi_{428}^{3}\ \Phi_{214}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
48912	960	959	$\frac{9}{959}$	$\frac{121}{959}$	$\frac{419}{959}$	$\frac{475}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
48913	960	959	$\frac{9}{959}$	$\frac{239}{959}$	$\frac{242}{959}$	$\frac{475}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
48914	960	1443	$\frac{5}{481}$	$\frac{81}{481}$	$\frac{1}{3}$	$\frac{238}{481}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
48915	960	855	$\frac{1}{95}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{47}{95}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{171}\ \Phi_{95}^{2}\ \Phi_{57}\ \Phi_{45}\ \Phi_{19}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
48916	960	570	$\frac{1}{95}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{47}{95}$	$\Phi_{570}^{2}\ \Phi_{285}\ \Phi_{190}^{2}\ \Phi_{114}^{2}\ \Phi_{95}^{2}\ \Phi_{57}\ \Phi_{38}^{2}\ \Phi_{30}^{2}\ \Phi_{19}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
48917	960	959	$\frac{11}{959}$	$\frac{97}{959}$	$\frac{431}{959}$	$\frac{474}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
48918	960	1205	$\frac{3}{241}$	$\frac{1}{5}$	$\frac{61}{241}$	$\frac{119}{241}$	Φ_{1205}
48919	960	869	$\frac{1}{79}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{39}{79}$	$\Phi_{869}\ \Phi_{79}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
48920	960	1659	$\frac{1}{79}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{39}{79}$	$\Phi_{1659}\ \Phi_{21}^{2}$
48921	960	869	$\frac{1}{79}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{39}{79}$	$\Phi_{869}\ \Phi_{79}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
48922	960	1580	$\frac{1}{79}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{39}{79}$	$\Phi_{1580}\ \Phi_{790}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
48923	960	959	$\frac{13}{959}$	$\frac{81}{959}$	$\frac{439}{959}$	$\frac{473}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
48924	960	959	$\frac{13}{959}$	$\frac{179}{959}$	$\frac{243}{959}$	$\frac{473}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
48925	960	1443	$\frac{7}{481}$	$\frac{61}{481}$	$\frac{1}{3}$	$\frac{237}{481}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
48926	960	1158	$\frac{3}{193}$	$\frac{1}{6}$	$\frac{49}{193}$	$\frac{95}{193}$	$\Phi_{1158}\ \Phi_{579}\ \Phi_{386}$
48927	960	252	$\frac{1}{63}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{31}{63}$	$\Phi_{252}^{7}\ \Phi_{84}^{7}\ \Phi_{63}\ \Phi_{36}^{7}\ \Phi_{28}^{8}\ \Phi_{21}\ \Phi_{12}^{7}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}^{8}\ \Phi_{3}\ \Phi_{1}^{2}$
48928	960	63	$\frac{1}{63}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{31}{63}$	$\Phi_{63}^{15}\ \Phi_{21}^{15}\ \Phi_{9}^{15}\ \Phi_{7}^{17}\ \Phi_{3}^{15}\ \Phi_{1}^{18}$
48929	960	252	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{31}{63}$	$\Phi_{252}^{5}\ \Phi_{126}^{2}\ \Phi_{84}^{5}\ \Phi_{63}^{3}\ \Phi_{42}^{2}\ \Phi_{36}^{5}\ \Phi_{28}^{5}\ \Phi_{21}^{3}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{7}\ \Phi_{9}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
48930	960	885	$\frac{1}{59}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{29}{59}$	$\Phi_{885}\ \Phi_{295}\ \Phi_{177}\ \Phi_{59}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
48931	960	531	$\frac{1}{59}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{29}{59}$	$\Phi_{531}^{2}\ \Phi_{177}\ \Phi_{59}^{2}\ \Phi_{9}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
48932	960	295	$\frac{1}{59}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{29}{59}$	$\Phi_{295}^{3}\ \Phi_{59}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
48933	960	959	$\frac{17}{959}$	$\frac{61}{959}$	$\frac{449}{959}$	$\frac{471}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
48934	960	959	$\frac{17}{959}$	$\frac{122}{959}$	$\frac{279}{959}$	$\frac{471}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
48935	960	959	$\frac{17}{959}$	$\frac{143}{959}$	$\frac{244}{959}$	$\frac{471}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
48936	960	161	$\frac{3}{161}$	$\frac{1}{7}$	$\frac{41}{161}$	$\frac{79}{161}$	$\Phi_{161}^{6}\ \Phi_{23}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
48937	960	1443	$\frac{9}{481}$	$\frac{49}{481}$	$\frac{1}{3}$	$\frac{236}{481}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
48938	960	959	$\frac{19}{959}$	$\frac{163}{959}$	$\frac{199}{959}$	$\frac{470}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
48939	960	1205	$\frac{5}{241}$	$\frac{41}{241}$	$\frac{1}{5}$	$\frac{118}{241}$	Φ_{1205}
48940	960	893	$\frac{1}{47}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{23}{47}$	$\Phi_{893}\ \Phi_{47}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
48941	960	1551	$\frac{1}{47}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{1551}\ \Phi_{33}^{2}$
48942	960	893	$\frac{1}{47}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{23}{47}$	$\Phi_{893}\ \Phi_{47}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
48943	960	1410	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{23}{47}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{470}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
48944	960	1284	$\frac{7}{321}$	$\frac{41}{321}$	$\frac{1}{4}$	$\frac{157}{321}$	$\Phi_{1284}\ \Phi_{642}\ \Phi_{428}\ \Phi_{214}\ \Phi_{12}\ \Phi_{6}$
48945	960	137	$\frac{3}{137}$	$\frac{7}{137}$	$\frac{65}{137}$	$\frac{67}{137}$	$\Phi_{137}^{7}\ \Phi_{1}^{8}$
48946	960	137	$\frac{3}{137}$	$\frac{14}{137}$	$\frac{41}{137}$	$\frac{67}{137}$	$\Phi_{137}^{7}\ \Phi_{1}^{8}$
48947	960	137	$\frac{3}{137}$	$\frac{17}{137}$	$\frac{35}{137}$	$\frac{67}{137}$	$\Phi_{137}^{7}\ \Phi_{1}^{8}$
48948	960	1443	$\frac{11}{481}$	$\frac{41}{481}$	$\frac{1}{3}$	$\frac{235}{481}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
48949	960	1089	$\frac{3}{121}$	$\frac{1}{9}$	$\frac{31}{121}$	$\frac{59}{121}$	$\Phi_{1089}\ \Phi_{363}\ \Phi_{99}\ \Phi_{33}$
48950	960	897	$\frac{1}{39}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{19}{39}$	$\Phi_{897}\ \Phi_{299}\ \Phi_{69}\ \Phi_{39}^{2}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
48951	960	39	$\frac{1}{39}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{39}^{25}\ \Phi_{13}^{24}\ \Phi_{3}^{24}\ \Phi_{1}^{24}$
48952	960	897	$\frac{1}{39}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{19}{39}$	$\Phi_{897}\ \Phi_{299}\ \Phi_{69}\ \Phi_{39}^{2}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
48953	960	468	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{19}{39}$	$\Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{36}^{4}\ \Phi_{26}^{2}\ \Phi_{18}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
48954	960	897	$\frac{1}{39}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{19}{39}$	$\Phi_{897}\ \Phi_{299}\ \Phi_{69}\ \Phi_{39}^{2}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
48955	960	1365	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{19}{39}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{105}\ \Phi_{35}^{2}$
48956	960	1158	$\frac{5}{193}$	$\frac{1}{6}$	$\frac{33}{193}$	$\frac{94}{193}$	$\Phi_{1158}\ \Phi_{579}\ \Phi_{386}$
48957	960	959	$\frac{25}{959}$	$\frac{41}{959}$	$\frac{459}{959}$	$\frac{467}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
48958	960	959	$\frac{25}{959}$	$\frac{123}{959}$	$\frac{209}{959}$	$\frac{467}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
48959	960	959	$\frac{25}{959}$	$\frac{159}{959}$	$\frac{164}{959}$	$\frac{467}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
48960	960	777	$\frac{1}{37}$	$\frac{19}{259}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{777}^{2}\ \Phi_{111}\ \Phi_{21}^{2}$
48961	960	428	$\frac{3}{107}$	$\frac{11}{107}$	$\frac{1}{4}$	$\frac{52}{107}$	$\Phi_{428}^{3}\ \Phi_{214}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
48962	960	1205	$\frac{7}{241}$	$\frac{31}{241}$	$\frac{1}{5}$	$\frac{117}{241}$	Φ_{1205}
48963	960	959	$\frac{29}{959}$	$\frac{89}{959}$	$\frac{247}{959}$	$\frac{465}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
48964	960	1067	$\frac{3}{97}$	$\frac{1}{11}$	$\frac{25}{97}$	$\frac{47}{97}$	Φ_{1067}
48965	960	1443	$\frac{15}{481}$	$\frac{31}{481}$	$\frac{1}{3}$	$\frac{233}{481}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
48966	960	899	$\frac{1}{31}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{15}{31}$	$\Phi_{899}\ \Phi_{31}^2\ \Phi_{29}^2\ \Phi_1^4$
48967	960	1488	$\frac{1}{31}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
48968	960	899	$\frac{1}{31}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{15}{31}$	$\Phi_{899}\ \Phi_{31}^2\ \Phi_{29}^2\ \Phi_1^4$
48969	960	1364	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{1364}\ \Phi_{682}\ \Phi_{44}^2\ \Phi_{22}^2$
48970	960	899	$\frac{1}{31}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{15}{31}$	$\Phi_{899}\ \Phi_{31}^2\ \Phi_{29}^2\ \Phi_1^4$
48971	960	1302	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{15}{31}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
48972	960	959	$\frac{31}{959}$	$\frac{33}{959}$	$\frac{463}{959}$	$\frac{464}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_7\ \Phi_1^2$
48973	960	959	$\frac{31}{959}$	$\frac{99}{959}$	$\frac{215}{959}$	$\frac{464}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_7\ \Phi_1^2$
48974	960	959	$\frac{33}{959}$	$\frac{62}{959}$	$\frac{299}{959}$	$\frac{463}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_7\ \Phi_1^2$
48975	960	959	$\frac{33}{959}$	$\frac{124}{959}$	$\frac{167}{959}$	$\frac{463}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_7\ \Phi_1^2$
48976	960	1479	$\frac{1}{29}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{1479}\ \Phi_{51}^2$
48977	960	899	$\frac{1}{29}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{14}{29}$	$\Phi_{899}\ \Phi_{31}^2\ \Phi_{29}^2\ \Phi_1^4$
48978	960	1305	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{14}{29}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{45}^2\ \Phi_{15}^2$
48979	960	1158	$\frac{7}{193}$	$\frac{25}{193}$	$\frac{1}{6}$	$\frac{93}{193}$	$\Phi_{1158}\ \Phi_{579}\ \Phi_{386}$
48980	960	351	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{351}^3\ \Phi_{117}^3\ \Phi_{39}^3\ \Phi_{13}^2$
48981	960	1205	$\frac{9}{241}$	$\frac{25}{241}$	$\frac{1}{5}$	$\frac{116}{241}$	Φ_{1205}
48982	960	959	$\frac{37}{959}$	$\frac{71}{959}$	$\frac{249}{959}$	$\frac{461}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_7\ \Phi_1^2$
48983	960	959	$\frac{37}{959}$	$\frac{83}{959}$	$\frac{219}{959}$	$\frac{461}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_7\ \Phi_1^2$
48984	960	77	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{37}{77}$	$\Phi_{77}^{12}\ \Phi_{11}^{12}\ \Phi_7^{17}\ \Phi_1^{18}$
48985	960	1443	$\frac{19}{481}$	$\frac{25}{481}$	$\frac{1}{3}$	$\frac{231}{481}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
48986	960	1089	$\frac{5}{121}$	$\frac{1}{9}$	$\frac{21}{121}$	$\frac{58}{121}$	$\Phi_{1089}\ \Phi_{363}\ \Phi_{99}\ \Phi_{33}$
48987	960	959	$\frac{41}{959}$	$\frac{50}{959}$	$\frac{303}{959}$	$\frac{459}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_7\ \Phi_1^2$
48988	960	959	$\frac{41}{959}$	$\frac{125}{959}$	$\frac{139}{959}$	$\frac{459}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_7\ \Phi_1^2$
48989	960	483	$\frac{1}{23}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{483}^2\ \Phi_{161}^2\ \Phi_{69}\ \Phi_{23}^2\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
48990	960	299	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{11}{23}$	$\Phi_{299}^3\ \Phi_{23}^4\ \Phi_{13}^6\ \Phi_1^8$
48991	960	1265	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{1265}\ \Phi_{55}^2$
48992	960	897	$\frac{1}{23}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{11}{23}$	$\Phi_{897}\ \Phi_{299}\ \Phi_{69}\ \Phi_{39}^2\ \Phi_{23}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
48993	960	414	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{11}{23}$	$\Phi_{414}^3\ \Phi_{207}^2\ \Phi_{138}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{18}^6\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
48994	960	161	$\frac{1}{23}$	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{11}{23}$	$\Phi_{161}^7\ \Phi_7^6$
48995	960	959	$\frac{43}{959}$	$\frac{99}{959}$	$\frac{167}{959}$	$\frac{458}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_7\ \Phi_1^2$
48996	960	1205	$\frac{11}{241}$	$\frac{21}{241}$	$\frac{1}{5}$	$\frac{115}{241}$	Φ_{1205}
48997	960	1040	$\frac{3}{65}$	$\frac{1}{16}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{80}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
48998	960	428	$\frac{5}{107}$	$\frac{7}{107}$	$\frac{1}{4}$	$\frac{51}{107}$	$\Phi_{428}^3\ \Phi_{214}^3\ \Phi_4^2\ \Phi_2^2$
48999	960	959	$\frac{45}{959}$	$\frac{59}{959}$	$\frac{251}{959}$	$\frac{457}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_7\ \Phi_1^2$
49000	960	1443	$\frac{21}{481}$	$\frac{23}{481}$	$\frac{1}{3}$	$\frac{229}{481}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
49001	960	1037	$\frac{3}{61}$	$\frac{1}{17}$	$\frac{16}{61}$	$\frac{29}{61}$	Φ_{1037}
49002	960	137	$\frac{7}{137}$	$\frac{9}{137}$	$\frac{32}{137}$	$\frac{65}{137}$	$\Phi_{137}^7\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
49003	960	137	$\frac{7}{137}$	$\frac{12}{137}$	$\frac{25}{137}$	$\frac{65}{137}$	$\Phi_{137}^{7}\ \Phi_{1}^{8}$
49004	960	137	$\frac{7}{137}$	$\frac{17}{137}$	$\frac{18}{137}$	$\frac{65}{137}$	$\Phi_{137}^{7}\ \Phi_{1}^{8}$
49005	960	1067	$\frac{5}{97}$	$\frac{1}{11}$	$\frac{17}{97}$	$\frac{46}{97}$	Φ_{1067}
49006	960	1425	$\frac{1}{25}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{1425}\ \Phi_{285}\ \Phi_{75}^{2}\ \Phi_{15}^{2}$
49007	960	893	$\frac{2}{47}$	$\frac{1}{19}$	$\frac{15}{47}$	$\frac{9}{19}$	$\Phi_{893}\ \Phi_{47}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
49008	960	1292	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{1292}\ \Phi_{646}\ \Phi_{68}^{2}\ \Phi_{34}^{2}$
49009	960	893	$\frac{1}{19}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{9}{19}$	$\Phi_{893}\ \Phi_{47}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
49010	960	1235	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{1235}\ \Phi_{65}^{2}$
49011	960	893	$\frac{1}{19}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{9}{19}$	$\Phi_{893}\ \Phi_{47}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
49012	960	1197	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{9}{19}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{63}^{2}\ \Phi_{21}^{2}$
49013	960	959	$\frac{51}{959}$	$\frac{101}{959}$	$\frac{143}{959}$	$\frac{454}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49014	960	161	$\frac{9}{161}$	$\frac{17}{161}$	$\frac{1}{7}$	$\frac{76}{161}$	$\Phi_{161}^{6}\ \Phi_{23}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
49015	960	1158	$\frac{11}{193}$	$\frac{17}{193}$	$\frac{1}{6}$	$\frac{91}{193}$	$\Phi_{1158}\ \Phi_{579}\ \Phi_{386}$
49016	960	959	$\frac{55}{959}$	$\frac{79}{959}$	$\frac{169}{959}$	$\frac{452}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49017	960	1089	$\frac{7}{121}$	$\frac{1}{9}$	$\frac{16}{121}$	$\frac{57}{121}$	$\Phi_{1089}\ \Phi_{363}\ \Phi_{99}\ \Phi_{33}$
49018	960	1284	$\frac{17}{321}$	$\frac{19}{321}$	$\frac{1}{4}$	$\frac{151}{321}$	$\Phi_{1284}\ \Phi_{642}\ \Phi_{428}\ \Phi_{214}\ \Phi_{12}\ \Phi_{6}$
49019	960	959	$\frac{47}{959}$	$\frac{57}{959}$	$\frac{254}{959}$	$\frac{451}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49020	960	959	$\frac{57}{959}$	$\frac{104}{959}$	$\frac{127}{959}$	$\frac{451}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49021	960	1443	$\frac{17}{481}$	$\frac{29}{481}$	$\frac{1}{3}$	$\frac{226}{481}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
49022	960	147	$\frac{1}{21}$	$\frac{3}{49}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{147}^{7}\ \Phi_{49}^{6}\ \Phi_{21}^{6}\ \Phi_{7}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
49023	960	1205	$\frac{15}{241}$	$\frac{16}{241}$	$\frac{1}{5}$	$\frac{113}{241}$	Φ_{1205}
49024	960	959	$\frac{44}{959}$	$\frac{61}{959}$	$\frac{255}{959}$	$\frac{449}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49025	960	959	$\frac{51}{959}$	$\frac{61}{959}$	$\frac{227}{959}$	$\frac{449}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49026	960	1443	$\frac{16}{481}$	$\frac{31}{481}$	$\frac{1}{3}$	$\frac{225}{481}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
49027	960	465	$\frac{1}{31}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{465}^{2}\ \Phi_{155}^{2}\ \Phi_{93}^{3}\ \Phi_{31}^{2}$
49028	960	885	$\frac{2}{59}$	$\frac{1}{15}$	$\frac{19}{59}$	$\frac{7}{15}$	$\Phi_{885}\ \Phi_{295}\ \Phi_{177}\ \Phi_{59}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
49029	960	420	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{3}\ \Phi_{84}^{4}\ \Phi_{70}^{3}\ \Phi_{60}^{2}\ \Phi_{42}^{4}\ \Phi_{30}^{2}\ \Phi_{28}^{4}\ \Phi_{20}^{2}\ \Phi_{14}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
49030	960	885	$\frac{3}{59}$	$\frac{1}{15}$	$\frac{14}{59}$	$\frac{7}{15}$	$\Phi_{885}\ \Phi_{295}\ \Phi_{177}\ \Phi_{59}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
49031	960	240	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{240}^{4}\ \Phi_{120}^{4}\ \Phi_{80}^{5}\ \Phi_{60}^{4}\ \Phi_{48}^{4}\ \Phi_{40}^{5}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{5}\ \Phi_{16}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
49032	960	885	$\frac{1}{15}$	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{7}{15}$	$\Phi_{885}\ \Phi_{295}\ \Phi_{177}\ \Phi_{59}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
49033	960	390	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{390}^{3}\ \Phi_{195}^{2}\ \Phi_{130}^{3}\ \Phi_{78}^{4}\ \Phi_{65}^{2}\ \Phi_{39}^{3}\ \Phi_{26}^{4}\ \Phi_{13}^{2}$
49034	960	885	$\frac{1}{15}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{7}{15}$	$\Phi_{885}\ \Phi_{295}\ \Phi_{177}\ \Phi_{59}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
49035	960	1155	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{77}^{2}$
49036	960	959	$\frac{32}{959}$	$\frac{65}{959}$	$\frac{309}{959}$	$\frac{447}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49037	960	959	$\frac{64}{959}$	$\frac{65}{959}$	$\frac{179}{959}$	$\frac{447}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49038	960	924	$\frac{1}{33}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{924}^{2}\ \Phi_{308}^{2}\ \Phi_{132}^{2}\ \Phi_{84}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{28}^{2}\ \Phi_{12}\ \Phi_{11}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
49039	960	84	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{5}{21}$	$\frac{13}{28}$	$\Phi_{84}^{21}\ \Phi_{28}^{22}\ \Phi_{21}^{3}\ \Phi_{12}^{21}\ \Phi_{7}^{3}\ \Phi_{4}^{22}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
49040	960	2380	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{2380}\ \Phi_{340}\ \Phi_{85}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
49041	960	140	$\frac{1}{14}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{140}^{14}\ \Phi_{35}^{2}\ \Phi_{28}^{8}\ \Phi_{20}^{14}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{4}^{8}\ \Phi_{1}^{2}$
49042	960	252	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{13}{28}$	$\Phi_{252}^{7}\ \Phi_{84}^{7}\ \Phi_{36}^{7}\ \Phi_{28}^{8}\ \Phi_{12}^{7}\ \Phi_{9}^{7}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
49043	960	1067	$\frac{7}{97}$	$\frac{1}{11}$	$\frac{13}{97}$	$\frac{45}{97}$	Φ_{1067}
49044	960	1025	$\frac{1}{25}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{1025}\ \Phi_{205}$
49045	960	959	$\frac{71}{959}$	$\frac{103}{959}$	$\frac{107}{959}$	$\frac{444}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49046	960	1089	$\frac{9}{121}$	$\frac{13}{121}$	$\frac{1}{9}$	$\frac{56}{121}$	$\Phi_{1089}\ \Phi_{363}\ \Phi_{99}\ \Phi_{33}$
49047	960	959	$\frac{43}{959}$	$\frac{73}{959}$	$\frac{229}{959}$	$\frac{443}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49048	960	959	$\frac{73}{959}$	$\frac{83}{959}$	$\frac{129}{959}$	$\frac{443}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49049	960	741	$\frac{7}{247}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{741}^{2}\ \Phi_{57}^{2}\ \Phi_{39}$
49050	960	624	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{624}^{2}\ \Phi_{312}^{2}\ \Phi_{208}\ \Phi_{156}^{2}\ \Phi_{104}\ \Phi_{78}^{2}\ \Phi_{52}\ \Phi_{48}^{2}\ \Phi_{26}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
49051	960	1158	$\frac{13}{193}$	$\frac{15}{193}$	$\frac{1}{6}$	$\frac{89}{193}$	$\Phi_{1158}\ \Phi_{579}\ \Phi_{386}$
49052	960	1205	$\frac{13}{241}$	$\frac{19}{241}$	$\frac{1}{5}$	$\frac{111}{241}$	Φ_{1205}
49053	960	137	$\frac{5}{137}$	$\frac{11}{137}$	$\frac{37}{137}$	$\frac{63}{137}$	$\Phi_{137}^{7}\ \Phi_{1}^{8}$
49054	960	111	$\frac{1}{37}$	$\frac{3}{37}$	$\frac{1}{3}$	$\frac{17}{37}$	$\Phi_{111}^{13}\ \Phi_{3}^{12}$
49055	960	1037	$\frac{1}{17}$	$\frac{5}{61}$	$\frac{11}{61}$	$\frac{28}{61}$	Φ_{1037}
49056	960	959	$\frac{26}{959}$	$\frac{81}{959}$	$\frac{311}{959}$	$\frac{439}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49057	960	959	$\frac{65}{959}$	$\frac{81}{959}$	$\frac{149}{959}$	$\frac{439}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49058	960	1053	$\frac{1}{13}$	$\frac{7}{81}$	$\frac{11}{81}$	$\frac{37}{81}$	$\Phi_{1053}\ \Phi_{351}\ \Phi_{117}\ \Phi_{39}$
49059	960	959	$\frac{85}{959}$	$\frac{87}{959}$	$\frac{109}{959}$	$\frac{437}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49060	960	1353	$\frac{1}{41}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1353}\ \Phi_{123}^{2}$
49061	960	341	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{341}^{3}\ \Phi_{31}^{2}$
49062	960	869	$\frac{3}{79}$	$\frac{1}{11}$	$\frac{19}{79}$	$\frac{5}{11}$	$\Phi_{869}\ \Phi_{79}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
49063	960	1155	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{165}\ \Phi_{105}^{2}\ \Phi_{35}^{2}\ \Phi_{15}^{2}$
49064	960	869	$\frac{4}{79}$	$\frac{1}{11}$	$\frac{15}{79}$	$\frac{5}{11}$	$\Phi_{869}\ \Phi_{79}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
49065	960	1122	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{374}\ \Phi_{102}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{2}$
49066	960	869	$\frac{7}{79}$	$\frac{1}{11}$	$\frac{9}{79}$	$\frac{5}{11}$	$\Phi_{869}\ \Phi_{79}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
49067	960	99	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{11}$	$\Phi_{99}^{11}\ \Phi_{33}^{11}\ \Phi_{9}^{10}\ \Phi_{3}^{10}$
49068	960	959	$\frac{69}{959}$	$\frac{89}{959}$	$\frac{131}{959}$	$\frac{435}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49069	960	161	$\frac{11}{161}$	$\frac{15}{161}$	$\frac{1}{7}$	$\frac{73}{161}$	$\Phi_{161}^{6}\ \Phi_{23}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
49070	960	137	$\frac{5}{137}$	$\frac{13}{137}$	$\frac{33}{137}$	$\frac{62}{137}$	$\Phi_{137}^{7}\ \Phi_{1}^{8}$
49071	960	137	$\frac{7}{137}$	$\frac{13}{137}$	$\frac{25}{137}$	$\frac{62}{137}$	$\Phi_{137}^{7}\ \Phi_{1}^{8}$
49072	960	1205	$\frac{11}{241}$	$\frac{23}{241}$	$\frac{1}{5}$	$\frac{109}{241}$	Φ_{1205}
49073	960	1284	$\frac{11}{321}$	$\frac{31}{321}$	$\frac{1}{4}$	$\frac{145}{321}$	$\Phi_{1284}\ \Phi_{642}\ \Phi_{428}\ \Phi_{214}\ \Phi_{12}\ \Phi_{6}$
49074	960	959	$\frac{29}{959}$	$\frac{93}{959}$	$\frac{263}{959}$	$\frac{433}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49075	960	1443	$\frac{11}{481}$	$\frac{47}{481}$	$\frac{1}{3}$	$\frac{217}{481}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
49076	960	959	$\frac{44}{959}$	$\frac{97}{959}$	$\frac{183}{959}$	$\frac{431}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49077	960	147	$\frac{1}{21}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{147}^{7}\ \Phi_{49}^{6}\ \Phi_{21}^{6}\ \Phi_{7}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
49078	960	959	$\frac{53}{959}$	$\frac{101}{959}$	$\frac{151}{959}$	$\frac{429}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49079	960	1040	$\frac{1}{16}$	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{29}{65}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{80}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
49080	960	441	$\frac{1}{49}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{441}^{2}\ \Phi_{147}^{3}\ \Phi_{63}^{2}\ \Phi_{49}^{2}\ \Phi_{21}^{3}\ \Phi_{7}^{2}$
49081	960	855	$\frac{2}{95}$	$\frac{1}{9}$	$\frac{31}{95}$	$\frac{4}{9}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{171}\ \Phi_{95}^{2}\ \Phi_{57}\ \Phi_{45}\ \Phi_{19}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
49082	960	396	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{396}^{3}\ \Phi_{198}^{3}\ \Phi_{132}^{4}\ \Phi_{66}^{4}\ \Phi_{44}^{4}\ \Phi_{36}^{2}\ \Phi_{22}^{4}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
49083	960	855	$\frac{3}{95}$	$\frac{1}{9}$	$\frac{23}{95}$	$\frac{4}{9}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{171}\ \Phi_{95}^{2}\ \Phi_{57}\ \Phi_{45}\ \Phi_{19}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
49084	960	225	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{225}^{4}\ \Phi_{75}^{4}\ \Phi_{45}^{3}\ \Phi_{25}^{8}\ \Phi_{15}^{3}\ \Phi_{9}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
49085	960	171	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{3}{19}$	$\frac{4}{9}$	$\Phi_{171}^{5}\ \Phi_{57}^{5}\ \Phi_{19}^{10}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
49086	960	1071	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{119}^{2}$
49087	960	855	$\frac{7}{95}$	$\frac{1}{9}$	$\frac{11}{95}$	$\frac{4}{9}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{171}\ \Phi_{95}^{2}\ \Phi_{57}\ \Phi_{45}\ \Phi_{19}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
49088	960	117	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{117}^{9}\ \Phi_{39}^{9}\ \Phi_{13}^{8}$
49089	960	1067	$\frac{1}{11}$	$\frac{9}{97}$	$\frac{11}{97}$	$\frac{43}{97}$	Φ_{1067}
49090	960	959	$\frac{87}{959}$	$\frac{89}{959}$	$\frac{109}{959}$	$\frac{425}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49091	960	959	$\frac{71}{959}$	$\frac{107}{959}$	$\frac{111}{959}$	$\frac{424}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49092	960	959	$\frac{55}{959}$	$\frac{113}{959}$	$\frac{134}{959}$	$\frac{423}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49093	960	161	$\frac{9}{161}$	$\frac{19}{161}$	$\frac{1}{7}$	$\frac{71}{161}$	$\Phi_{161}^{6}\ \Phi_{23}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
49094	960	1158	$\frac{9}{193}$	$\frac{23}{193}$	$\frac{1}{6}$	$\frac{85}{193}$	$\Phi_{1158}\ \Phi_{579}\ \Phi_{386}$
49095	960	959	$\frac{39}{959}$	$\frac{115}{959}$	$\frac{179}{959}$	$\frac{422}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49096	960	1025	$\frac{1}{41}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1025}\ \Phi_{205}$
49097	960	1205	$\frac{9}{241}$	$\frac{29}{241}$	$\frac{1}{5}$	$\frac{106}{241}$	Φ_{1205}
49098	960	428	$\frac{3}{107}$	$\frac{13}{107}$	$\frac{1}{4}$	$\frac{47}{107}$	$\Phi_{428}^{3}\ \Phi_{214}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
49099	960	959	$\frac{23}{959}$	$\frac{117}{959}$	$\frac{269}{959}$	$\frac{421}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49100	960	1443	$\frac{9}{481}$	$\frac{59}{481}$	$\frac{1}{3}$	$\frac{211}{481}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
49101	960	959	$\frac{27}{959}$	$\frac{121}{959}$	$\frac{233}{959}$	$\frac{419}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49102	960	959	$\frac{17}{959}$	$\frac{129}{959}$	$\frac{314}{959}$	$\frac{415}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49103	960	959	$\frac{34}{959}$	$\frac{129}{959}$	$\frac{185}{959}$	$\frac{415}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49104	960	1281	$\frac{1}{61}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1281}\ \Phi_{183}^{2}$
49105	960	119	$\frac{2}{119}$	$\frac{1}{7}$	$\frac{39}{119}$	$\frac{3}{7}$	$\Phi_{119}^{8}\ \Phi_{17}^{8}\ \Phi_{7}^{9}\ \Phi_{1}^{10}$
49106	960	49	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{49}^{20}\ \Phi_{7}^{17}\ \Phi_{1}^{18}$
49107	960	1148	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1148}\ \Phi_{574}\ \Phi_{164}^{2}\ \Phi_{82}^{2}$
49108	960	119	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{29}{119}$	$\frac{3}{7}$	$\Phi_{119}^{8}\ \Phi_{17}^{8}\ \Phi_{7}^{9}\ \Phi_{1}^{10}$
49109	960	1085	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1085}\ \Phi_{155}^{2}$
49110	960	119	$\frac{4}{119}$	$\frac{1}{7}$	$\frac{23}{119}$	$\frac{3}{7}$	$\Phi_{119}^{8}\ \Phi_{17}^{8}\ \Phi_{7}^{9}\ \Phi_{1}^{10}$
49111	960	1050	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{210}\ \Phi_{150}^{2}\ \Phi_{105}\ \Phi_{75}^{2}\ \Phi_{70}\ \Phi_{50}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
49112	960	119	$\frac{5}{119}$	$\frac{1}{7}$	$\frac{19}{119}$	$\frac{3}{7}$	$\Phi_{119}^{8}\ \Phi_{17}^{8}\ \Phi_{7}^{9}\ \Phi_{1}^{10}$
49113	960	21	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{21}^{48}\ \Phi_{7}^{41}\ \Phi_{3}^{48}\ \Phi_{1}^{42}$
49114	960	119	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{119}^{7}\ \Phi_{17}^{14}\ \Phi_{7}^{8}\ \Phi_{1}^{16}$
49115	960	1008	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}^{2}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{42}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
49116	960	119	$\frac{9}{119}$	$\frac{11}{119}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{119}^{8}\ \Phi_{17}^{8}\ \Phi_{7}^{9}\ \Phi_{1}^{10}$
49117	960	1001	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1001}\ \Phi_{143}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
49118	960	959	$\frac{55}{959}$	$\frac{113}{959}$	$\frac{141}{959}$	$\frac{409}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49119	960	1037	$\frac{1}{17}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{26}{61}$	Φ_{1037}
49120	960	959	$\frac{23}{959}$	$\frac{145}{959}$	$\frac{234}{959}$	$\frac{407}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49121	960	959	$\frac{69}{959}$	$\frac{89}{959}$	$\frac{145}{959}$	$\frac{407}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49122	960	1067	$\frac{7}{97}$	$\frac{1}{11}$	$\frac{15}{97}$	$\frac{41}{97}$	Φ_{1067}
49123	960	1089	$\frac{7}{121}$	$\frac{1}{9}$	$\frac{19}{121}$	$\frac{51}{121}$	$\Phi_{1089}\ \Phi_{363}\ \Phi_{99}\ \Phi_{33}$
49124	960	959	$\frac{53}{959}$	$\frac{111}{959}$	$\frac{151}{959}$	$\frac{404}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49125	960	483	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{11}{69}$	$\frac{29}{69}$	$\Phi_{483}^{2}\ \Phi_{161}^{3}\ \Phi_{21}^{2}\ \Phi_{7}^{2}$
49126	960	959	$\frac{41}{959}$	$\frac{139}{959}$	$\frac{153}{959}$	$\frac{403}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49127	960	1158	$\frac{7}{193}$	$\frac{31}{193}$	$\frac{1}{6}$	$\frac{81}{193}$	$\Phi_{1158}\ \Phi_{579}\ \Phi_{386}$
49128	960	1023	$\frac{1}{33}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{1023}\ \Phi_{341}\ \Phi_{93}$
49129	960	1205	$\frac{7}{241}$	$\frac{39}{241}$	$\frac{1}{5}$	$\frac{101}{241}$	Φ_{1205}
49130	960	959	$\frac{17}{959}$	$\frac{157}{959}$	$\frac{279}{959}$	$\frac{401}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49131	960	1443	$\frac{7}{481}$	$\frac{79}{481}$	$\frac{1}{3}$	$\frac{201}{481}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
49132	960	137	$\frac{2}{137}$	$\frac{23}{137}$	$\frac{45}{137}$	$\frac{57}{137}$	$\Phi_{137}^{7}\ \Phi_{1}^{8}$
49133	960	137	$\frac{5}{137}$	$\frac{22}{137}$	$\frac{23}{137}$	$\frac{57}{137}$	$\Phi_{137}^{7}\ \Phi_{1}^{8}$
49134	960	1025	$\frac{1}{25}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{1025}\ \Phi_{205}$
49135	960	959	$\frac{47}{959}$	$\frac{114}{959}$	$\frac{169}{959}$	$\frac{395}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49136	960	1037	$\frac{1}{61}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	Φ_{1037}
49137	960	1037	$\frac{1}{17}$	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{25}{61}$	Φ_{1037}
49138	960	959	$\frac{71}{959}$	$\frac{74}{959}$	$\frac{177}{959}$	$\frac{391}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49139	960	351	$\frac{2}{27}$	$\frac{1}{13}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{351}^{3}\ \Phi_{117}^{3}\ \Phi_{39}^{3}\ \Phi_{13}^{2}$
49140	960	959	$\frac{19}{959}$	$\frac{181}{959}$	$\frac{235}{959}$	$\frac{389}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49141	960	959	$\frac{54}{959}$	$\frac{95}{959}$	$\frac{181}{959}$	$\frac{389}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49142	960	1089	$\frac{6}{121}$	$\frac{1}{9}$	$\frac{23}{121}$	$\frac{49}{121}$	$\Phi_{1089}\ \Phi_{363}\ \Phi_{99}\ \Phi_{33}$
49143	960	161	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{31}{161}$	$\frac{65}{161}$	$\Phi_{161}^{6}\ \Phi_{23}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
49144	960	959	$\frac{34}{959}$	$\frac{143}{959}$	$\frac{185}{959}$	$\frac{387}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49145	960	959	$\frac{24}{959}$	$\frac{187}{959}$	$\frac{191}{959}$	$\frac{386}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49146	960	1205	$\frac{6}{241}$	$\frac{47}{241}$	$\frac{1}{5}$	$\frac{97}{241}$	Φ_{1205}
49147	960	428	$\frac{2}{107}$	$\frac{21}{107}$	$\frac{1}{4}$	$\frac{43}{107}$	$\Phi_{428}^{3}\ \Phi_{214}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
49148	960	137	$\frac{2}{137}$	$\frac{27}{137}$	$\frac{41}{137}$	$\frac{55}{137}$	$\Phi_{137}^{7}\ \Phi_{1}^{8}$
49149	960	1443	$\frac{6}{481}$	$\frac{95}{481}$	$\frac{1}{3}$	$\frac{193}{481}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
49150	960	405	$\frac{1}{81}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{405}^{2}\ \Phi_{135}^{2}\ \Phi_{81}^{4}\ \Phi_{45}^{2}\ \Phi_{27}^{4}\ \Phi_{15}\ \Phi_{9}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
49151	960	265	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{13}{53}$	$\frac{2}{5}$	$\Phi_{265}^{3}\ \Phi_{53}^{6}\ \Phi_{5}^{4}\ \Phi_{1}^{8}$
49152	960	205	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{205}^{5}\ \Phi_{41}^{4}$
49153	960	795	$\frac{4}{159}$	$\frac{31}{159}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{795}\ \Phi_{265}\ \Phi_{159}^{2}\ \Phi_{53}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
49154	960	330	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{330}^{3}\ \Phi_{165}^{2}\ \Phi_{110}^{3}\ \Phi_{66}^{6}\ \Phi_{55}^{2}\ \Phi_{33}^{4}\ \Phi_{30}^{2}\ \Phi_{22}^{6}\ \Phi_{15}\ \Phi_{11}^{4}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
49155	960	795	$\frac{7}{159}$	$\frac{19}{159}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{795}\ \Phi_{265}\ \Phi_{159}^{2}\ \Phi_{53}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
49156	960	315	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{315}^{3}\ \Phi_{105}^{2}\ \Phi_{63}^{6}\ \Phi_{45}^{2}\ \Phi_{35}^{2}\ \Phi_{21}^{4}\ \Phi_{15}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
49157	960	265	$\frac{3}{53}$	$\frac{5}{53}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{265}^{3}\ \Phi_{53}^{6}\ \Phi_{5}^{4}\ \Phi_{1}^{8}$
49158	960	935	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{935}\ \Phi_{187}^{2}$
49159	960	560	$\frac{1}{16}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{140}^{2}\ \Phi_{112}^{2}\ \Phi_{80}\ \Phi_{70}^{2}\ \Phi_{56}^{2}\ \Phi_{40}\ \Phi_{28}^{2}\ \Phi_{20}\ \Phi_{14}^{2}\ \Phi_{10}$
49160	960	959	$\frac{24}{959}$	$\frac{187}{959}$	$\frac{193}{959}$	$\frac{383}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49161	960	959	$\frac{29}{959}$	$\frac{155}{959}$	$\frac{201}{959}$	$\frac{379}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49162	960	1023	$\frac{1}{31}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{1023}\ \Phi_{341}\ \Phi_{93}$
49163	960	1025	$\frac{1}{25}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{1025}\ \Phi_{205}$
49164	960	959	$\frac{39}{959}$	$\frac{115}{959}$	$\frac{211}{959}$	$\frac{374}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49165	960	147	$\frac{1}{21}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{147}^{7}\ \Phi_{49}^{6}\ \Phi_{21}^{6}\ \Phi_{7}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
49166	960	137	$\frac{7}{137}$	$\frac{13}{137}$	$\frac{31}{137}$	$\frac{53}{137}$	$\Phi_{137}^{7}\ \Phi_{1}^{8}$
49167	960	959	$\frac{59}{959}$	$\frac{75}{959}$	$\frac{221}{959}$	$\frac{369}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49168	960	1053	$\frac{1}{81}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1053}\ \Phi_{351}\ \Phi_{117}\ \Phi_{39}$
49169	960	208	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{208}^{5}\ \Phi_{104}^{5}\ \Phi_{52}^{5}\ \Phi_{26}^{5}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
49170	960	1053	$\frac{5}{81}$	$\frac{1}{13}$	$\frac{19}{81}$	$\frac{31}{81}$	$\Phi_{1053}\ \Phi_{351}\ \Phi_{117}\ \Phi_{39}$
49171	960	959	$\frac{59}{959}$	$\frac{74}{959}$	$\frac{225}{959}$	$\frac{367}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49172	960	1067	$\frac{5}{97}$	$\frac{1}{11}$	$\frac{23}{97}$	$\frac{37}{97}$	Φ_{1067}
49173	960	959	$\frac{43}{959}$	$\frac{99}{959}$	$\frac{229}{959}$	$\frac{365}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49174	960	1089	$\frac{5}{121}$	$\frac{1}{9}$	$\frac{29}{121}$	$\frac{46}{121}$	$\Phi_{1089}\ \Phi_{363}\ \Phi_{99}\ \Phi_{33}$
49175	960	137	$\frac{5}{137}$	$\frac{17}{137}$	$\frac{33}{137}$	$\frac{52}{137}$	$\Phi_{137}^{7}\ \Phi_{1}^{8}$
49176	960	161	$\frac{5}{161}$	$\frac{1}{7}$	$\frac{39}{161}$	$\frac{61}{161}$	$\Phi_{161}^{6}\ \Phi_{23}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
49177	960	959	$\frac{27}{959}$	$\frac{149}{959}$	$\frac{233}{959}$	$\frac{363}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49178	960	1158	$\frac{5}{193}$	$\frac{1}{6}$	$\frac{47}{193}$	$\frac{73}{193}$	$\Phi_{1158}\ \Phi_{579}\ \Phi_{386}$
49179	960	1205	$\frac{5}{241}$	$\frac{1}{5}$	$\frac{59}{241}$	$\frac{91}{241}$	Φ_{1205}
49180	960	959	$\frac{19}{959}$	$\frac{199}{959}$	$\frac{235}{959}$	$\frac{362}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49181	960	1284	$\frac{5}{321}$	$\frac{79}{321}$	$\frac{1}{4}$	$\frac{121}{321}$	$\Phi_{1284}\ \Phi_{642}\ \Phi_{428}\ \Phi_{214}\ \Phi_{12}\ \Phi_{6}$
49182	960	959	$\frac{11}{959}$	$\frac{237}{959}$	$\frac{299}{959}$	$\frac{361}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49183	960	1443	$\frac{5}{481}$	$\frac{119}{481}$	$\frac{1}{3}$	$\frac{181}{481}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
49184	960	2328	$\frac{1}{97}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2328}\ \Phi_{291}$
49185	960	1528	$\frac{2}{191}$	$\frac{1}{4}$	$\frac{63}{191}$	$\frac{3}{8}$	$\Phi_{1528}\ \Phi_{191}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
49186	960	520	$\frac{1}{65}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}^{3}\ \Phi_{260}\ \Phi_{130}\ \Phi_{104}^{3}\ \Phi_{52}\ \Phi_{40}^{3}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
49187	960	1528	$\frac{3}{191}$	$\frac{47}{191}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1528}\ \Phi_{191}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
49188	960	1960	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1960}\ \Phi_{280}\ \Phi_{245}\ \Phi_{35}$
49189	960	1528	$\frac{5}{191}$	$\frac{31}{191}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1528}\ \Phi_{191}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
49190	960	1848	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{231}\ \Phi_{168}\ \Phi_{77}\ \Phi_{21}$
49191	960	1528	$\frac{7}{191}$	$\frac{23}{191}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1528}\ \Phi_{191}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
49192	960	1800	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{225}\ \Phi_{120}\ \Phi_{75}\ \Phi_{45}\ \Phi_{15}$
49193	960	1528	$\frac{11}{191}$	$\frac{15}{191}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1528}\ \Phi_{191}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
49194	960	1768	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1768}\ \Phi_{221}$
49195	960	959	$\frac{15}{959}$	$\frac{236}{959}$	$\frac{241}{959}$	$\frac{359}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
49196	960	959	$\frac{19}{959}$	$\frac{188}{959}$	$\frac{257}{959}$	$\frac{351}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49197	960	1025	$\frac{1}{41}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1025}\ \Phi_{205}$
49198	960	1023	$\frac{1}{33}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{1023}\ \Phi_{341}\ \Phi_{93}$
49199	960	959	$\frac{31}{959}$	$\frac{116}{959}$	$\frac{281}{959}$	$\frac{339}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49200	960	959	$\frac{39}{959}$	$\frac{92}{959}$	$\frac{289}{959}$	$\frac{335}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49201	960	147	$\frac{1}{21}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{147}^{7}\ \Phi_{49}^{6}\ \Phi_{21}^{6}\ \Phi_{7}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
49202	960	1037	$\frac{1}{17}$	$\frac{4}{61}$	$\frac{19}{61}$	$\frac{21}{61}$	Φ_{1037}
49203	960	137	$\frac{8}{137}$	$\frac{9}{137}$	$\frac{43}{137}$	$\frac{47}{137}$	$\Phi_{137}^{7}\ \Phi_{1}^{8}$
49204	960	959	$\frac{44}{959}$	$\frac{79}{959}$	$\frac{305}{959}$	$\frac{327}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49205	960	1067	$\frac{4}{97}$	$\frac{1}{11}$	$\frac{31}{97}$	$\frac{33}{97}$	Φ_{1067}
49206	960	1089	$\frac{4}{121}$	$\frac{1}{9}$	$\frac{39}{121}$	$\frac{41}{121}$	$\Phi_{1089}\ \Phi_{363}\ \Phi_{99}\ \Phi_{33}$
49207	960	959	$\frac{26}{959}$	$\frac{127}{959}$	$\frac{311}{959}$	$\frac{324}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49208	960	959	$\frac{20}{959}$	$\frac{159}{959}$	$\frac{313}{959}$	$\frac{323}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49209	960	1158	$\frac{4}{193}$	$\frac{1}{6}$	$\frac{63}{193}$	$\frac{65}{193}$	$\Phi_{1158}\ \Phi_{579}\ \Phi_{386}$
49210	960	1205	$\frac{4}{241}$	$\frac{1}{5}$	$\frac{79}{241}$	$\frac{81}{241}$	Φ_{1205}
49211	960	959	$\frac{8}{959}$	$\frac{317}{959}$	$\frac{319}{959}$	$\frac{321}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49212	960	1443	$\frac{4}{481}$	$\frac{159}{481}$	$\frac{1}{3}$	$\frac{161}{481}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
49213	960	363	$\frac{1}{121}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{363}^{3}\ \Phi_{121}^{2}\ \Phi_{33}^{3}\ \Phi_{11}^{2}$
49214	960	717	$\frac{2}{239}$	$\frac{79}{239}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{717}\ \Phi_{239}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
49215	960	324	$\frac{1}{81}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{324}^{4}\ \Phi_{162}^{4}\ \Phi_{108}^{4}\ \Phi_{54}^{4}\ \Phi_{36}^{4}\ \Phi_{18}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
49216	960	717	$\frac{3}{239}$	$\frac{59}{239}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{717}\ \Phi_{239}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
49217	960	915	$\frac{1}{61}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{915}\ \Phi_{305}^{2}$
49218	960	717	$\frac{4}{239}$	$\frac{47}{239}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{717}\ \Phi_{239}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
49219	960	294	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{294}^{4}\ \Phi_{147}^{3}\ \Phi_{98}^{4}\ \Phi_{49}^{2}\ \Phi_{42}^{4}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{2}$
49220	960	717	$\frac{5}{239}$	$\frac{39}{239}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{717}\ \Phi_{239}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
49221	960	861	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{861}\ \Phi_{287}^{2}$
49222	960	717	$\frac{7}{239}$	$\frac{29}{239}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{717}\ \Phi_{239}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
49223	960	279	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{279}^{4}\ \Phi_{93}^{3}\ \Phi_{31}^{2}$
49224	960	717	$\frac{9}{239}$	$\frac{23}{239}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{717}\ \Phi_{239}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
49225	960	825	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{825}\ \Phi_{275}^{2}\ \Phi_{165}\ \Phi_{55}^{2}$
49226	960	717	$\frac{11}{239}$	$\frac{19}{239}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{717}\ \Phi_{239}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
49227	960	273	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{273}^{4}\ \Phi_{91}^{4}\ \Phi_{39}^{3}\ \Phi_{13}^{2}$
49228	960	717	$\frac{14}{239}$	$\frac{15}{239}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{717}\ \Phi_{239}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
49229	960	816	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}^{2}\ \Phi_{204}\ \Phi_{136}^{2}\ \Phi_{102}\ \Phi_{68}^{2}\ \Phi_{34}^{2}$
49230	960	1908	$\frac{2}{159}$	$\frac{1}{4}$	$\frac{157}{477}$	$\frac{1}{3}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
49231	960	1785	$\frac{2}{119}$	$\frac{1}{5}$	$\frac{39}{119}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{255}\ \Phi_{105}\ \Phi_{15}^{2}$
49232	960	1443	$\frac{10}{481}$	$\frac{81}{481}$	$\frac{157}{481}$	$\frac{1}{3}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
49233	960	570	$\frac{2}{95}$	$\frac{1}{6}$	$\frac{31}{95}$	$\frac{1}{3}$	$\Phi_{570}^{2}\ \Phi_{285}\ \Phi_{190}^{2}\ \Phi_{114}^{2}\ \Phi_{95}^{2}\ \Phi_{57}\ \Phi_{38}^{2}\ \Phi_{30}^{2}\ \Phi_{19}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
49234	960	111	$\frac{1}{37}$	$\frac{5}{37}$	$\frac{12}{37}$	$\frac{1}{3}$	$\Phi_{111}^{13}\ \Phi_{3}^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
49235	960	531	$\frac{2}{59}$	$\frac{1}{9}$	$\frac{19}{59}$	$\frac{1}{3}$	$\Phi_{531}^2\ \Phi_{177}\ \Phi_{59}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
49236	960	1551	$\frac{2}{47}$	$\frac{1}{11}$	$\frac{15}{47}$	$\frac{1}{3}$	$\Phi_{1551}\ \Phi_{33}^2$
49237	960	1443	$\frac{22}{481}$	$\frac{41}{481}$	$\frac{153}{481}$	$\frac{1}{3}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
49238	960	117	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{117}^{12}\ \Phi_{39}\ \Phi_9^{12}$
49239	960	1443	$\frac{28}{481}$	$\frac{33}{481}$	$\frac{151}{481}$	$\frac{1}{3}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
49240	960	1479	$\frac{1}{17}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{1479}\ \Phi_{51}^2$
49241	960	507	$\frac{9}{169}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{507}^3\ \Phi_{39}$
49242	960	483	$\frac{1}{21}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{483}^2\ \Phi_{161}^2\ \Phi_{69}\ \Phi_{23}^2\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
49243	960	1443	$\frac{21}{481}$	$\frac{46}{481}$	$\frac{145}{481}$	$\frac{1}{3}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
49244	960	1443	$\frac{17}{481}$	$\frac{58}{481}$	$\frac{141}{481}$	$\frac{1}{3}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
49245	960	1395	$\frac{1}{31}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{1395}\ \Phi_{279}\ \Phi_{93}$
49246	960	231	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{231}^4\ \Phi_{77}^4\ \Phi_{33}^6\ \Phi_{21}^2\ \Phi_{11}^6\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
49247	960	111	$\frac{1}{37}$	$\frac{6}{37}$	$\frac{31}{111}$	$\frac{1}{3}$	$\Phi_{111}^7\ \Phi_{37}^{12}\ \Phi_3^6\ \Phi_1^{12}$
49248	960	1353	$\frac{1}{41}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{1353}\ \Phi_{123}^2$
49249	960	1443	$\frac{11}{481}$	$\frac{94}{481}$	$\frac{129}{481}$	$\frac{1}{3}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
49250	960	1323	$\frac{1}{49}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1323}\ \Phi_{189}\ \Phi_{147}\ \Phi_{21}$
49251	960	1443	$\frac{9}{481}$	$\frac{118}{481}$	$\frac{121}{481}$	$\frac{1}{3}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
49252	960	636	$\frac{1}{53}$	$\frac{13}{53}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{636}^3\ \Phi_{318}^3\ \Phi_{12}^4\ \Phi_6^4$
49253	960	2460	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2460}\ \Phi_{1230}$
49254	960	636	$\frac{4}{159}$	$\frac{31}{159}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{636}^2\ \Phi_{318}^2\ \Phi_{212}^2\ \Phi_{106}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
49255	960	132	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^{10}\ \Phi_{66}^4\ \Phi_{44}^{10}\ \Phi_{33}^6\ \Phi_{22}^4\ \Phi_{12}^7\ \Phi_{11}^6\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
49256	960	636	$\frac{7}{159}$	$\frac{19}{159}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{636}^2\ \Phi_{318}^2\ \Phi_{212}^2\ \Phi_{106}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
49257	960	252	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
49258	960	636	$\frac{3}{53}$	$\frac{5}{53}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{636}^3\ \Phi_{318}^3\ \Phi_{12}^4\ \Phi_6^4$
49259	960	2244	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2244}\ \Phi_{1122}$
49260	960	1785	$\frac{3}{119}$	$\frac{1}{5}$	$\frac{29}{119}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{255}\ \Phi_{105}\ \Phi_{15}^2$
49261	960	111	$\frac{1}{37}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{1}{3}$	$\Phi_{111}^{13}\ \Phi_3^{12}$
49262	960	570	$\frac{3}{95}$	$\frac{1}{6}$	$\frac{23}{95}$	$\frac{1}{3}$	$\Phi_{570}^2\ \Phi_{285}\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{19}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
49263	960	1443	$\frac{17}{481}$	$\frac{73}{481}$	$\frac{116}{481}$	$\frac{1}{3}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
49264	960	1659	$\frac{3}{79}$	$\frac{1}{7}$	$\frac{19}{79}$	$\frac{1}{3}$	$\Phi_{1659}\ \Phi_{21}^2$
49265	960	1443	$\frac{21}{481}$	$\frac{61}{481}$	$\frac{115}{481}$	$\frac{1}{3}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
49266	960	531	$\frac{3}{59}$	$\frac{1}{9}$	$\frac{14}{59}$	$\frac{1}{3}$	$\Phi_{531}^2\ \Phi_{177}\ \Phi_{59}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
49267	960	1443	$\frac{29}{481}$	$\frac{46}{481}$	$\frac{113}{481}$	$\frac{1}{3}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
49268	960	1551	$\frac{3}{47}$	$\frac{1}{11}$	$\frac{11}{47}$	$\frac{1}{3}$	$\Phi_{1551}\ \Phi_{33}^2$
49269	960	39	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{39}^{37}\ \Phi_3^{36}$
49270	960	1443	$\frac{31}{481}$	$\frac{45}{481}$	$\frac{109}{481}$	$\frac{1}{3}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
49271	960	1488	$\frac{1}{16}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
49272	960	1443	$\frac{25}{481}$	$\frac{57}{481}$	$\frac{106}{481}$	$\frac{1}{3}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
49273	960	483	$\frac{1}{21}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{483}^2\ \Phi_{161}^2\ \Phi_{69}\ \Phi_{23}^2\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
49274	960	1425	$\frac{1}{25}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{1425}\ \Phi_{285}\ \Phi_{75}^2\ \Phi_{15}^2$
49275	960	1443	$\frac{19}{481}$	$\frac{77}{481}$	$\frac{101}{481}$	$\frac{1}{3}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
49276	960	1443	$\frac{16}{481}$	$\frac{93}{481}$	$\frac{97}{481}$	$\frac{1}{3}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
49277	960	465	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{465}^3\ \Phi_{93}^4$
49278	960	1785	$\frac{4}{119}$	$\frac{23}{119}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{255}\ \Phi_{105}\ \Phi_{15}^2$
49279	960	150	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{150}^8\ \Phi_{75}^4\ \Phi_{50}^8\ \Phi_{30}^6\ \Phi_{25}^8\ \Phi_{15}^3\ \Phi_{10}^6\ \Phi_6^8\ \Phi_5^6\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
49280	960	1785	$\frac{5}{119}$	$\frac{19}{119}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{255}\ \Phi_{105}\ \Phi_{15}^2$
49281	960	105	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^{11}\ \Phi_{35}^{12}\ \Phi_{15}^{12}\ \Phi_5^{12}$
49282	960	255	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{255}^7\ \Phi_{15}^8$
49283	960	720	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}\ \Phi_{180}^2\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
49284	960	1785	$\frac{9}{119}$	$\frac{11}{119}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{255}\ \Phi_{105}\ \Phi_{15}^2$
49285	960	2145	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	Φ_{2145}
49286	960	1659	$\frac{4}{79}$	$\frac{1}{7}$	$\frac{15}{79}$	$\frac{1}{3}$	$\Phi_{1659}\ \Phi_{21}^2$
49287	960	111	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{1}{3}$	$\Phi_{111}^{13}\ \Phi_3^{12}$
49288	960	531	$\frac{4}{59}$	$\frac{1}{9}$	$\frac{11}{59}$	$\frac{1}{3}$	$\Phi_{531}^2\ \Phi_{177}\ \Phi_{59}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
49289	960	1443	$\frac{36}{481}$	$\frac{49}{481}$	$\frac{89}{481}$	$\frac{1}{3}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
49290	960	39	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{39}^{25}\ \Phi_{13}^{24}\ \Phi_3^{24}\ \Phi_1^{24}$
49291	960	1443	$\frac{33}{481}$	$\frac{56}{481}$	$\frac{85}{481}$	$\frac{1}{3}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
49292	960	1479	$\frac{1}{17}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{1479}\ \Phi_{51}^2$
49293	960	1443	$\frac{25}{481}$	$\frac{76}{481}$	$\frac{81}{481}$	$\frac{1}{3}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
49294	960	114	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{114}^{10}\ \Phi_{57}^5\ \Phi_{38}^{10}\ \Phi_{19}^{10}\ \Phi_6^{12}\ \Phi_3^6\ \Phi_2^{12}\ \Phi_1^{12}$
49295	960	714	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{714}^2\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{119}^2$
49296	960	570	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{570}^2\ \Phi_{285}\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{19}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
49297	960	234	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{234}^6\ \Phi_{117}^4\ \Phi_{78}^4\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{13}^2$
49298	960	273	$\frac{1}{13}$	$\frac{11}{91}$	$\frac{2}{13}$	$\frac{1}{3}$	$\Phi_{273}^6\ \Phi_{39}\ \Phi_{21}^6$
49299	960	531	$\frac{5}{59}$	$\frac{1}{9}$	$\frac{9}{59}$	$\frac{1}{3}$	$\Phi_{531}^2\ \Phi_{177}\ \Phi_{59}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
49300	960	1443	$\frac{43}{481}$	$\frac{51}{481}$	$\frac{73}{481}$	$\frac{1}{3}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
49301	960	1551	$\frac{1}{11}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{3}$	$\Phi_{1551}\ \Phi_{33}^2$
49302	960	1443	$\frac{41}{481}$	$\frac{55}{481}$	$\frac{71}{481}$	$\frac{1}{3}$	$\Phi_{1443}\ \Phi_{111}\ \Phi_{39}$
49303	960	1659	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1659}\ \Phi_{21}^2$
49304	960	693	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{231}\ \Phi_{77}^2$
49305	960	295	$\frac{2}{59}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{19}{59}$	$\Phi_{295}^3\ \Phi_{59}^4\ \Phi_5^6\ \Phi_1^8$
49306	960	959	$\frac{38}{959}$	$\frac{163}{959}$	$\frac{199}{959}$	$\frac{307}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_7\ \Phi_1^2$
49307	960	1205	$\frac{10}{241}$	$\frac{41}{241}$	$\frac{1}{5}$	$\frac{77}{241}$	Φ_{1205}
49308	960	893	$\frac{2}{47}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{15}{47}$	$\Phi_{893}\ \Phi_{47}^2\ \Phi_{19}^2\ \Phi_1^4$
49309	960	1410	$\frac{2}{47}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{15}{47}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{470}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
49310	960	1449	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{47}{207}$	$\frac{22}{69}$	$\Phi_{1449}\ \Phi_{161}\ \Phi_{63}$
49311	960	959	$\frac{47}{959}$	$\frac{131}{959}$	$\frac{207}{959}$	$\frac{304}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_7\ \Phi_1^2$
49312	960	1158	$\frac{10}{193}$	$\frac{1}{6}$	$\frac{33}{193}$	$\frac{61}{193}$	$\Phi_{1158}\ \Phi_{579}\ \Phi_{386}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
49313	960	959	$\frac{50}{959}$	$\frac{159}{959}$	$\frac{164}{959}$	$\frac{303}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49314	960	1205	$\frac{13}{241}$	$\frac{33}{241}$	$\frac{1}{5}$	$\frac{76}{241}$	Φ_{1205}
49315	960	899	$\frac{2}{29}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{9}{29}$	$\Phi_{899}\ \Phi_{31}^{2}\ \Phi_{29}^{2}\ \Phi_{1}^{4}$
49316	960	1305	$\frac{2}{29}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{9}{29}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{45}^{2}\ \Phi_{15}^{2}$
49317	960	959	$\frac{74}{959}$	$\frac{83}{959}$	$\frac{219}{959}$	$\frac{295}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49318	960	231	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{71}{231}$	$\Phi_{231}^{6}\ \Phi_{33}^{6}\ \Phi_{21}^{6}\ \Phi_{7}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
49319	960	1089	$\frac{10}{121}$	$\frac{1}{9}$	$\frac{21}{121}$	$\frac{37}{121}$	$\Phi_{1089}\ \Phi_{363}\ \Phi_{99}\ \Phi_{33}$
49320	960	299	$\frac{1}{13}$	$\frac{2}{23}$	$\frac{3}{13}$	$\frac{7}{23}$	$\Phi_{299}^{3}\ \Phi_{23}^{4}\ \Phi_{13}^{6}\ \Phi_{1}^{8}$
49321	960	1265	$\frac{2}{23}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{1265}\ \Phi_{55}^{2}$
49322	960	897	$\frac{2}{23}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{7}{23}$	$\Phi_{897}\ \Phi_{299}\ \Phi_{69}\ \Phi_{39}^{2}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
49323	960	414	$\frac{2}{23}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{7}{23}$	$\Phi_{414}^{3}\ \Phi_{207}^{2}\ \Phi_{138}^{2}\ \Phi_{69}\ \Phi_{46}^{2}\ \Phi_{23}^{2}\ \Phi_{18}^{6}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
49324	960	161	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{7}{23}$	$\Phi_{161}^{7}\ \Phi_{7}^{6}$
49325	960	959	$\frac{86}{959}$	$\frac{99}{959}$	$\frac{167}{959}$	$\frac{291}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49326	960	1205	$\frac{21}{241}$	$\frac{22}{241}$	$\frac{1}{5}$	$\frac{73}{241}$	Φ_{1205}
49327	960	959	$\frac{67}{959}$	$\frac{92}{959}$	$\frac{223}{959}$	$\frac{289}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49328	960	137	$\frac{12}{137}$	$\frac{14}{137}$	$\frac{25}{137}$	$\frac{41}{137}$	$\Phi_{137}^{7}\ \Phi_{1}^{8}$
49329	960	1067	$\frac{1}{11}$	$\frac{10}{97}$	$\frac{17}{97}$	$\frac{29}{97}$	Φ_{1067}
49330	960	1089	$\frac{13}{121}$	$\frac{1}{9}$	$\frac{17}{121}$	$\frac{36}{121}$	$\Phi_{1089}\ \Phi_{363}\ \Phi_{99}\ \Phi_{33}$
49331	960	959	$\frac{103}{959}$	$\frac{107}{959}$	$\frac{135}{959}$	$\frac{284}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49332	960	1158	$\frac{17}{193}$	$\frac{22}{193}$	$\frac{1}{6}$	$\frac{57}{193}$	$\Phi_{1158}\ \Phi_{579}\ \Phi_{386}$
49333	960	959	$\frac{79}{959}$	$\frac{110}{959}$	$\frac{169}{959}$	$\frac{283}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49334	960	1205	$\frac{17}{241}$	$\frac{28}{241}$	$\frac{1}{5}$	$\frac{71}{241}$	Φ_{1205}
49335	960	720	$\frac{1}{16}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{144}^{2}\ \Phi_{90}^{2}\ \Phi_{80}\ \Phi_{72}^{2}\ \Phi_{40}\ \Phi_{36}^{2}\ \Phi_{20}\ \Phi_{18}^{2}\ \Phi_{10}$
49336	960	21	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{21}^{45}\ \Phi_{7}^{47}\ \Phi_{3}^{45}\ \Phi_{1}^{48}$
49337	960	595	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{595}^{2}\ \Phi_{85}^{3}$
49338	960	189	$\frac{5}{63}$	$\frac{1}{7}$	$\frac{29}{189}$	$\frac{2}{7}$	$\Phi_{189}^{6}\ \Phi_{63}^{3}\ \Phi_{27}^{6}\ \Phi_{21}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{5}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
49339	960	35	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{35}^{30}\ \Phi_{7}^{17}\ \Phi_{5}^{30}\ \Phi_{1}^{18}$
49340	960	63	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{63}^{14}\ \Phi_{21}^{14}\ \Phi_{9}^{21}\ \Phi_{7}^{16}\ \Phi_{3}^{21}\ \Phi_{1}^{24}$
49341	960	959	$\frac{43}{959}$	$\frac{146}{959}$	$\frac{229}{959}$	$\frac{271}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49342	960	1037	$\frac{1}{17}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	Φ_{1037}
49343	960	959	$\frac{87}{959}$	$\frac{109}{959}$	$\frac{170}{959}$	$\frac{263}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49344	960	869	$\frac{3}{79}$	$\frac{2}{11}$	$\frac{19}{79}$	$\frac{3}{11}$	$\Phi_{869}\ \Phi_{79}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
49345	960	1155	$\frac{1}{21}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{165}\ \Phi_{105}^{2}\ \Phi_{35}^{2}\ \Phi_{15}^{2}$
49346	960	869	$\frac{4}{79}$	$\frac{2}{11}$	$\frac{15}{79}$	$\frac{3}{11}$	$\Phi_{869}\ \Phi_{79}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
49347	960	1122	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{374}\ \Phi_{102}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{2}$
49348	960	869	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{869}\ \Phi_{79}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
49349	960	99	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{99}^{11}\ \Phi_{33}^{11}\ \Phi_{9}^{10}\ \Phi_{3}^{10}$
49350	960	137	$\frac{5}{137}$	$\frac{26}{137}$	$\frac{33}{137}$	$\frac{37}{137}$	$\Phi_{137}^{7}\ \Phi_{1}^{8}$
49351	960	137	$\frac{7}{137}$	$\frac{25}{137}$	$\frac{26}{137}$	$\frac{37}{137}$	$\Phi_{137}^{7}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
49352	960	1205	$\frac{11}{241}$	$\frac{46}{241}$	$\frac{1}{5}$	$\frac{65}{241}$	Φ_{1205}
49353	960	1200	$\frac{1}{16}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
49354	960	959	$\frac{44}{959}$	$\frac{183}{959}$	$\frac{194}{959}$	$\frac{255}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49355	960	147	$\frac{1}{21}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{147}^{7}\ \Phi_{49}^{6}\ \Phi_{21}^{6}\ \Phi_{7}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
49356	960	1037	$\frac{1}{17}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	Φ_{1037}
49357	960	959	$\frac{71}{959}$	$\frac{111}{959}$	$\frac{212}{959}$	$\frac{249}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49358	960	351	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{351}^{4}\ \Phi_{117}\ \Phi_{39}$
49359	960	1067	$\frac{1}{11}$	$\frac{9}{97}$	$\frac{22}{97}$	$\frac{25}{97}$	Φ_{1067}
49360	960	959	$\frac{87}{959}$	$\frac{89}{959}$	$\frac{218}{959}$	$\frac{247}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49361	960	1089	$\frac{9}{121}$	$\frac{1}{9}$	$\frac{28}{121}$	$\frac{31}{121}$	$\Phi_{1089}\ \Phi_{363}\ \Phi_{99}\ \Phi_{33}$
49362	960	959	$\frac{51}{959}$	$\frac{143}{959}$	$\frac{227}{959}$	$\frac{244}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49363	960	1158	$\frac{9}{193}$	$\frac{1}{6}$	$\frac{46}{193}$	$\frac{49}{193}$	$\Phi_{1158}\ \Phi_{579}\ \Phi_{386}$
49364	960	959	$\frac{39}{959}$	$\frac{179}{959}$	$\frac{230}{959}$	$\frac{243}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49365	960	1205	$\frac{9}{241}$	$\frac{1}{5}$	$\frac{58}{241}$	$\frac{61}{241}$	Φ_{1205}
49366	960	1580	$\frac{3}{79}$	$\frac{1}{5}$	$\frac{19}{79}$	$\frac{1}{4}$	$\Phi_{1580}\ \Phi_{790}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
49367	960	1284	$\frac{13}{321}$	$\frac{61}{321}$	$\frac{77}{321}$	$\frac{1}{4}$	$\Phi_{1284}\ \Phi_{642}\ \Phi_{428}\ \Phi_{214}\ \Phi_{12}\ \Phi_{6}$
49368	960	84	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{5}{21}$	$\frac{1}{4}$	$\Phi_{84}^{15}\ \Phi_{42}^{6}\ \Phi_{28}^{15}\ \Phi_{21}^{9}\ \Phi_{14}^{6}\ \Phi_{12}^{17}\ \Phi_{7}^{9}\ \Phi_{6}^{7}\ \Phi_{4}^{16}\ \Phi_{3}^{10}\ \Phi_{2}^{6}\ \Phi_{1}^{10}$
49369	960	1284	$\frac{17}{321}$	$\frac{49}{321}$	$\frac{76}{321}$	$\frac{1}{4}$	$\Phi_{1284}\ \Phi_{642}\ \Phi_{428}\ \Phi_{214}\ \Phi_{12}\ \Phi_{6}$
49370	960	468	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{156}^{3}\ \Phi_{78}^{3}\ \Phi_{36}^{4}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}$
49371	960	1284	$\frac{29}{321}$	$\frac{31}{321}$	$\frac{73}{321}$	$\frac{1}{4}$	$\Phi_{1284}\ \Phi_{642}\ \Phi_{428}\ \Phi_{214}\ \Phi_{12}\ \Phi_{6}$
49372	960	1364	$\frac{1}{11}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{4}$	$\Phi_{1364}\ \Phi_{682}\ \Phi_{44}^{2}\ \Phi_{22}^{2}$
49373	960	1284	$\frac{25}{321}$	$\frac{37}{321}$	$\frac{71}{321}$	$\frac{1}{4}$	$\Phi_{1284}\ \Phi_{642}\ \Phi_{428}\ \Phi_{214}\ \Phi_{12}\ \Phi_{6}$
49374	960	1292	$\frac{1}{17}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{1292}\ \Phi_{646}\ \Phi_{68}^{2}\ \Phi_{34}^{2}$
49375	960	1284	$\frac{16}{321}$	$\frac{61}{321}$	$\frac{65}{321}$	$\frac{1}{4}$	$\Phi_{1284}\ \Phi_{642}\ \Phi_{428}\ \Phi_{214}\ \Phi_{12}\ \Phi_{6}$
49376	960	420	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{3}\ \Phi_{84}^{4}\ \Phi_{70}^{3}\ \Phi_{60}^{3}\ \Phi_{42}^{4}\ \Phi_{30}^{3}\ \Phi_{28}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}$
49377	960	1580	$\frac{4}{79}$	$\frac{15}{79}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1580}\ \Phi_{790}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
49378	960	1020	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1020}^{2}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{85}$
49379	960	1580	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1580}\ \Phi_{790}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
49380	960	1980	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{330}$
49381	960	468	$\frac{4}{39}$	$\frac{1}{9}$	$\frac{7}{39}$	$\frac{1}{4}$	$\Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{36}^{4}\ \Phi_{26}^{2}\ \Phi_{18}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
49382	960	428	$\frac{11}{107}$	$\frac{12}{107}$	$\frac{19}{107}$	$\frac{1}{4}$	$\Phi_{428}^{3}\ \Phi_{214}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
49383	960	420	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{420}^{4}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{60}^{4}\ \Phi_{42}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{4}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
49384	960	36	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{36}^{35}\ \Phi_{18}^{14}\ \Phi_{12}^{37}\ \Phi_{9}^{21}\ \Phi_{6}^{15}\ \Phi_{4}^{36}\ \Phi_{3}^{22}\ \Phi_{2}^{14}\ \Phi_{1}^{22}$
49385	960	295	$\frac{3}{59}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{14}{59}$	$\Phi_{295}^{3}\ \Phi_{59}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
49386	960	959	$\frac{51}{959}$	$\frac{183}{959}$	$\frac{194}{959}$	$\frac{227}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49387	960	1205	$\frac{13}{241}$	$\frac{46}{241}$	$\frac{1}{5}$	$\frac{57}{241}$	Φ_{1205}
49388	960	893	$\frac{3}{47}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{11}{47}$	$\Phi_{893}\ \Phi_{47}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
49389	960	1410	$\frac{3}{47}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{11}{47}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{470}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
49390	960	137	$\frac{9}{137}$	$\frac{21}{137}$	$\frac{29}{137}$	$\frac{32}{137}$	$\Phi_{137}^{7}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
49391	960	1158	$\frac{13}{193}$	$\frac{1}{6}$	$\frac{37}{193}$	$\frac{45}{193}$	$\Phi_{1158}\ \Phi_{579}\ \Phi_{386}$
49392	960	959	$\frac{67}{959}$	$\frac{155}{959}$	$\frac{184}{959}$	$\frac{223}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49393	960	1205	$\frac{17}{241}$	$\frac{37}{241}$	$\frac{1}{5}$	$\frac{56}{241}$	Φ_{1205}
49394	960	299	$\frac{1}{13}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{3}{13}$	$\Phi_{299}^{3}\ \Phi_{23}^{4}\ \Phi_{13}^{6}\ \Phi_{1}^{8}$
49395	960	455	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{13}$	$\Phi_{455}^{3}\ \Phi_{35}^{4}$
49396	960	959	$\frac{75}{959}$	$\frac{123}{959}$	$\frac{209}{959}$	$\frac{221}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49397	960	161	$\frac{13}{161}$	$\frac{1}{7}$	$\frac{31}{161}$	$\frac{37}{161}$	$\Phi_{161}^{6}\ \Phi_{23}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
49398	960	959	$\frac{83}{959}$	$\frac{129}{959}$	$\frac{185}{959}$	$\frac{219}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49399	960	1205	$\frac{21}{241}$	$\frac{31}{241}$	$\frac{1}{5}$	$\frac{55}{241}$	Φ_{1205}
49400	960	899	$\frac{3}{31}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{7}{31}$	$\Phi_{899}\ \Phi_{31}^{2}\ \Phi_{29}^{2}\ \Phi_{1}^{4}$
49401	960	1302	$\frac{3}{31}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{7}{31}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}$
49402	960	959	$\frac{99}{959}$	$\frac{124}{959}$	$\frac{167}{959}$	$\frac{215}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49403	960	161	$\frac{17}{161}$	$\frac{1}{7}$	$\frac{25}{161}$	$\frac{36}{161}$	$\Phi_{161}^{6}\ \Phi_{23}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
49404	960	959	$\frac{103}{959}$	$\frac{135}{959}$	$\frac{149}{959}$	$\frac{214}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49405	960	1158	$\frac{21}{193}$	$\frac{25}{193}$	$\frac{1}{6}$	$\frac{43}{193}$	$\Phi_{1158}\ \Phi_{579}\ \Phi_{386}$
49406	960	1265	$\frac{1}{11}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{5}{23}$	$\Phi_{1265}\ \Phi_{55}^{2}$
49407	960	897	$\frac{4}{39}$	$\frac{3}{23}$	$\frac{7}{39}$	$\frac{5}{23}$	$\Phi_{897}\ \Phi_{299}\ \Phi_{69}\ \Phi_{39}^{2}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
49408	960	414	$\frac{1}{9}$	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{5}{23}$	$\Phi_{414}^{3}\ \Phi_{207}^{2}\ \Phi_{138}^{2}\ \Phi_{69}\ \Phi_{46}^{2}\ \Phi_{23}^{2}\ \Phi_{18}^{6}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
49409	960	1067	$\frac{1}{11}$	$\frac{13}{97}$	$\frac{19}{97}$	$\frac{21}{97}$	Φ_{1067}
49410	960	959	$\frac{94}{959}$	$\frac{131}{959}$	$\frac{173}{959}$	$\frac{207}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49411	960	1089	$\frac{1}{9}$	$\frac{17}{121}$	$\frac{19}{121}$	$\frac{26}{121}$	$\Phi_{1089}\ \Phi_{363}\ \Phi_{99}\ \Phi_{33}$
49412	960	959	$\frac{101}{959}$	$\frac{143}{959}$	$\frac{151}{959}$	$\frac{204}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49413	960	1158	$\frac{19}{193}$	$\frac{29}{193}$	$\frac{1}{6}$	$\frac{41}{193}$	$\Phi_{1158}\ \Phi_{579}\ \Phi_{386}$
49414	960	137	$\frac{11}{137}$	$\frac{21}{137}$	$\frac{27}{137}$	$\frac{29}{137}$	$\Phi_{137}^{7}\ \Phi_{1}^{8}$
49415	960	1205	$\frac{19}{241}$	$\frac{37}{241}$	$\frac{1}{5}$	$\frac{51}{241}$	Φ_{1205}
49416	960	1235	$\frac{1}{13}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{1235}\ \Phi_{65}^{2}$
49417	960	893	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{893}\ \Phi_{47}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
49418	960	1197	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{63}^{2}\ \Phi_{21}^{2}$
49419	960	1053	$\frac{1}{13}$	$\frac{13}{81}$	$\frac{16}{81}$	$\frac{17}{81}$	$\Phi_{1053}\ \Phi_{351}\ \Phi_{117}\ \Phi_{39}$
49420	960	959	$\frac{95}{959}$	$\frac{144}{959}$	$\frac{163}{959}$	$\frac{199}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49421	960	1089	$\frac{1}{9}$	$\frac{16}{121}$	$\frac{21}{121}$	$\frac{25}{121}$	$\Phi_{1089}\ \Phi_{363}\ \Phi_{99}\ \Phi_{33}$
49422	960	959	$\frac{104}{959}$	$\frac{127}{959}$	$\frac{171}{959}$	$\frac{197}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49423	960	161	$\frac{16}{161}$	$\frac{1}{7}$	$\frac{29}{161}$	$\frac{33}{161}$	$\Phi_{161}^{6}\ \Phi_{23}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
49424	960	959	$\frac{64}{959}$	$\frac{179}{959}$	$\frac{191}{959}$	$\frac{195}{959}$	$\Phi_{959}\ \Phi_{137}\ \Phi_{7}\ \Phi_{1}^{2}$
49425	960	1205	$\frac{16}{241}$	$\frac{45}{241}$	$\frac{1}{5}$	$\frac{49}{241}$	Φ_{1205}
49426	960	80	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{80}^{13}\ \Phi_{40}^{13}\ \Phi_{20}^{13}\ \Phi_{16}^{12}\ \Phi_{10}^{13}\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}$
49427	960	295	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{295}^{3}\ \Phi_{59}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
49428	960	390	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{390}^{3}\ \Phi_{195}^{3}\ \Phi_{130}^{3}\ \Phi_{78}^{4}\ \Phi_{39}^{4}\ \Phi_{26}^{4}$
49429	960	295	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{295}^{3}\ \Phi_{59}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
49430	960	385	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{385}^{3}\ \Phi_{77}^{4}$
49431	960	1365	$\frac{4}{39}$	$\frac{1}{7}$	$\frac{7}{39}$	$\frac{1}{5}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{105}\ \Phi_{35}^{2}$
49432	960	1205	$\frac{26}{241}$	$\frac{33}{241}$	$\frac{43}{241}$	$\frac{1}{5}$	Φ_{1205}
49433	960	1305	$\frac{1}{9}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{5}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{45}^{2}\ \Phi_{15}^{2}$
49434	960	1205	$\frac{25}{241}$	$\frac{36}{241}$	$\frac{41}{241}$	$\frac{1}{5}$	Φ_{1205}
49435	960	1410	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{470}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
49436	960	630	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{630}^{3}\ \Phi_{315}^{2}\ \Phi_{210}^{2}\ \Phi_{105}\ \Phi_{70}^{2}\ \Phi_{35}^{2}$
49437	961	1536	$\frac{1}{192}$	$\frac{193}{768}$	$\frac{575}{1536}$	$\frac{191}{384}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{384}\ \Phi_{128}\ \Phi_{1}$
49438	961	1284	$\frac{2}{321}$	$\frac{323}{1284}$	$\frac{1}{3}$	$\frac{319}{642}$	$\Phi_{1284}\ \Phi_{428}\ \Phi_{321}\ \Phi_{107}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
49439	961	1908	$\frac{7}{954}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{947}{1908}$	$\Phi_{1908}\ \Phi_{636}\ \Phi_{212}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
49440	961	1792	$\frac{1}{64}$	$\frac{65}{896}$	$\frac{831}{1792}$	$\frac{63}{128}$	$\Phi_{1792}\ \Phi_{256}\ \Phi_{128}\ \Phi_{1}$
49441	961	1872	$\frac{25}{936}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{911}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
49442	961	60	$\frac{1}{30}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{29}{60}$	$\Phi_{60}^{2}\ \Phi_{30}^{30}\ \Phi_{20}^{2}\ \Phi_{15}^{30}\ \Phi_{12}^{2}\ \Phi_{10}^{30}\ \Phi_{6}^{30}\ \Phi_{5}^{30}\ \Phi_{4}^{2}\ \Phi_{3}^{30}\ \Phi_{2}^{30}\ \Phi_{1}^{31}$
49443	961	660	$\frac{1}{30}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{660}^{3}\ \Phi_{220}^{3}\ \Phi_{132}^{3}\ \Phi_{60}\ \Phi_{44}^{3}\ \Phi_{33}\ \Phi_{20}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
49444	961	180	$\frac{1}{30}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{29}{60}$	$\Phi_{180}^{15}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}^{15}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
49445	961	120	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{29}{60}$	$\Phi_{120}^{10}\ \Phi_{60}\ \Phi_{40}^{11}\ \Phi_{30}^{10}\ \Phi_{24}^{10}\ \Phi_{20}^{2}\ \Phi_{15}^{10}\ \Phi_{12}\ \Phi_{10}^{10}\ \Phi_{8}^{11}\ \Phi_{6}^{10}\ \Phi_{5}^{10}\ \Phi_{4}^{2}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
49446	961	420	$\frac{1}{30}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{29}{60}$	$\Phi_{420}^{5}\ \Phi_{140}^{5}\ \Phi_{84}^{5}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}^{5}\ \Phi_{20}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
49447	961	180	$\frac{1}{30}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{29}{60}$	$\Phi_{180}^{6}\ \Phi_{90}^{6}\ \Phi_{60}\ \Phi_{45}^{6}\ \Phi_{36}^{7}\ \Phi_{30}^{6}\ \Phi_{20}\ \Phi_{18}^{7}\ \Phi_{15}^{6}\ \Phi_{12}^{2}\ \Phi_{10}^{6}\ \Phi_{9}^{7}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
49448	961	1296	$\frac{11}{324}$	$\frac{1}{12}$	$\frac{335}{1296}$	$\frac{313}{648}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
49449	961	1104	$\frac{5}{138}$	$\frac{143}{1104}$	$\frac{1}{6}$	$\frac{133}{276}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{184}\ \Phi_{138}\ \Phi_{69}\ \Phi_{48}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
49450	961	1848	$\frac{37}{924}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{887}{1848}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{168}\ \Phi_{88}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
49451	961	1800	$\frac{1}{30}$	$\frac{61}{900}$	$\frac{29}{90}$	$\frac{839}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
49452	961	1800	$\frac{1}{15}$	$\frac{61}{900}$	$\frac{14}{75}$	$\frac{839}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}\ \Phi_{120}\ \Phi_{75}\ \Phi_{72}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
49453	961	1170	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{209}{1170}$	$\frac{181}{390}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{234}\ \Phi_{195}\ \Phi_{117}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
49454	961	1056	$\frac{7}{88}$	$\frac{95}{1056}$	$\frac{1}{8}$	$\frac{81}{176}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
49455	961	1320	$\frac{1}{30}$	$\frac{29}{330}$	$\frac{359}{1320}$	$\frac{301}{660}$	$\Phi_{1320}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{55}\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
49456	961	1760	$\frac{7}{88}$	$\frac{81}{880}$	$\frac{1}{8}$	$\frac{799}{1760}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{160}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
49457	961	1080	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{119}{1080}$	$\frac{97}{216}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
49458	961	224	$\frac{1}{32}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{224}^{4}\ \Phi_{112}^{4}\ \Phi_{56}^{3}\ \Phi_{32}^{7}\ \Phi_{28}^{4}\ \Phi_{16}^{7}\ \Phi_{14}^{4}\ \Phi_{8}^{6}\ \Phi_{7}^{4}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
49459	961	1728	$\frac{1}{48}$	$\frac{97}{864}$	$\frac{47}{144}$	$\frac{767}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
49460	961	1728	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{864}$	$\frac{767}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{108}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
49461	961	1008	$\frac{47}{1008}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
49462	961	1120	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{159}{1120}$	$\frac{121}{280}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
49463	961	1344	$\frac{1}{48}$	$\frac{47}{336}$	$\frac{383}{1344}$	$\frac{289}{672}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
49464	961	1680	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{121}{840}$	$\frac{719}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{48}\ \Phi_{35}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
49465	961	1656	$\frac{5}{138}$	$\frac{133}{828}$	$\frac{1}{6}$	$\frac{695}{1656}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{184}\ \Phi_{138}\ \Phi_{72}\ \Phi_{69}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_8\ \Phi_1$
49466	961	1050	$\frac{1}{15}$	$\frac{89}{1050}$	$\frac{14}{75}$	$\frac{61}{150}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
49467	961	1200	$\frac{1}{40}$	$\frac{39}{200}$	$\frac{239}{1200}$	$\frac{161}{400}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
49468	961	1600	$\frac{1}{40}$	$\frac{39}{200}$	$\frac{161}{800}$	$\frac{639}{1600}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{200}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{25}\ \Phi_1$
49469	961	972	$\frac{11}{972}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
49470	961	1560	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{181}{780}$	$\frac{599}{1560}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{195}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}\ \Phi_{39}\ \Phi_{24}\ \Phi_{13}\ \Phi_8\ \Phi_1$
49471	961	1536	$\frac{1}{64}$	$\frac{63}{256}$	$\frac{193}{768}$	$\frac{575}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_1$
49472	961	96	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{96}^{8}\ \Phi_{48}^{7}\ \Phi_{32}^{15}\ \Phi_{24}^{8}\ \Phi_{16}^{14}\ \Phi_{12}^{8}\ \Phi_{8}^{14}\ \Phi_{6}^{8}\ \Phi_{4}^{14}\ \Phi_{3}^{8}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
49473	961	1008	$\frac{47}{1008}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
49474	961	1080	$\frac{1}{30}$	$\frac{119}{1080}$	$\frac{29}{90}$	$\frac{61}{180}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
49475	961	1152	$\frac{1}{48}$	$\frac{191}{1152}$	$\frac{47}{144}$	$\frac{97}{288}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
49476	961	1440	$\frac{1}{120}$	$\frac{119}{360}$	$\frac{479}{1440}$	$\frac{241}{720}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
49477	961	33	$\frac{2}{33}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{33}^{29}\ \Phi_{11}^{29}\ \Phi_{3}^{30}\ \Phi_{1}^{31}$
49478	961	1431	$\frac{7}{477}$	$\frac{2}{9}$	$\frac{470}{1431}$	$\frac{1}{3}$	$\Phi_{1431}\ \Phi_{27}\ \Phi_9\ \Phi_1$
49479	961	495	$\frac{2}{33}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{495}^{3}\ \Phi_{99}^{3}\ \Phi_{45}\ \Phi_{33}\ \Phi_{11}\ \Phi_9\ \Phi_1$
49480	961	1320	$\frac{2}{33}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{264}\ \Phi_{220}\ \Phi_{132}\ \Phi_{88}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}\ \Phi_{20}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
49481	961	1155	$\frac{2}{33}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{77}\ \Phi_{35}\ \Phi_{33}\ \Phi_{11}\ \Phi_7\ \Phi_1$
49482	961	396	$\frac{2}{33}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{396}^{3}\ \Phi_{198}^{3}\ \Phi_{132}^{3}\ \Phi_{99}^{3}\ \Phi_{44}^{3}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_1$
49483	961	1296	$\frac{1}{48}$	$\frac{97}{432}$	$\frac{335}{1296}$	$\frac{47}{144}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
49484	961	1350	$\frac{1}{30}$	$\frac{61}{450}$	$\frac{389}{1350}$	$\frac{29}{90}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
49485	961	1242	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{281}{1242}$	$\frac{133}{414}$	$\Phi_{1242}\ \Phi_{621}\ \Phi_{138}\ \Phi_{69}\ \Phi_{54}\ \Phi_{46}\ \Phi_{27}\ \Phi_{23}\ \Phi_1$
49486	961	1404	$\frac{25}{468}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{443}{1404}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
49487	961	45	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{14}{45}$	$\Phi_{45}^{17}\ \Phi_{15}^{30}\ \Phi_{9}^{17}\ \Phi_{5}^{30}\ \Phi_{3}^{30}\ \Phi_{1}^{31}$
49488	961	360	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{14}{45}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{72}^{5}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}^{5}\ \Phi_{20}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
49489	961	315	$\frac{1}{15}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{14}{45}$	$\Phi_{315}^{5}\ \Phi_{63}^{5}\ \Phi_{45}\ \Phi_{35}\ \Phi_9\ \Phi_7\ \Phi_1$
49490	961	180	$\frac{1}{15}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{14}{45}$	$\Phi_{180}^{6}\ \Phi_{90}^{3}\ \Phi_{60}^{6}\ \Phi_{45}^{4}\ \Phi_{36}^{7}\ \Phi_{30}^{6}\ \Phi_{20}^{6}\ \Phi_{18}^{4}\ \Phi_{15}^{6}\ \Phi_{12}^{7}\ \Phi_{10}^{6}\ \Phi_{9}^{5}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{7}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
49491	961	1386	$\frac{37}{462}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{425}{1386}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
49492	961	1350	$\frac{1}{15}$	$\frac{61}{450}$	$\frac{14}{75}$	$\frac{389}{1350}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{270}\ \Phi_{135}\ \Phi_{75}\ \Phi_{54}\ \Phi_{27}\ \Phi_{25}\ \Phi_1$
49493	961	1260	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{299}{1260}$	$\frac{121}{420}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
49494	961	1320	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{81}{440}$	$\frac{359}{1320}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{22}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
49495	961	1125	$\frac{1}{15}$	$\frac{164}{1125}$	$\frac{14}{75}$	$\frac{61}{225}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{125}\ \Phi_{75}\ \Phi_{25}\ \Phi_1$
49496	961	1296	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{432}$	$\frac{335}{1296}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
49497	961	40	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{9}{40}$	$\Phi_{40}^{22}\ \Phi_{20}^{22}\ \Phi_{10}^{30}\ \Phi_{8}^{22}\ \Phi_{5}^{30}\ \Phi_{4}^{22}\ \Phi_{2}^{30}\ \Phi_{1}^{31}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
49498	961	280	$\frac{1}{10}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{9}{40}$	$\Phi_{280}^{5}\ \Phi_{140}^{5}\ \Phi_{56}^{5}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}^{5}\ \Phi_{20}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
49499	961	360	$\frac{1}{10}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{9}{40}$	$\Phi_{360}^{4}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{72}^{4}\ \Phi_{45}^{2}\ \Phi_{40}^{3}\ \Phi_{36}^{3}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
49500	961	1200	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{239}{1200}$	$\frac{61}{300}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{120}\ \Phi_{80}\ \Phi_{75}\ \Phi_{48}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
49501	961	35	$\frac{4}{35}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{35}^{27}\ \Phi_{7}^{27}\ \Phi_{5}^{30}\ \Phi_{1}^{31}$
49502	961	1260	$\frac{4}{35}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{140}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
49503	961	36	$\frac{5}{36}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{36}^{26}\ \Phi_{18}^{26}\ \Phi_{12}^{26}\ \Phi_{9}^{26}\ \Phi_{6}^{30}\ \Phi_{4}^{26}\ \Phi_{3}^{30}\ \Phi_{2}^{30}\ \Phi_{1}^{31}$
49504	962	1752	$\frac{1}{73}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{36}{73}$	$\Phi_{1752}\ \Phi_{584}\ \Phi_{73}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
49505	962	1095	$\frac{1}{73}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{36}{73}$	$\Phi_{1095}\ \Phi_{365}\ \Phi_{73}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
49506	962	1314	$\frac{1}{73}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{36}{73}$	$\Phi_{1314}\ \Phi_{657}\ \Phi_{73}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
49507	962	1168	$\frac{1}{73}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{36}{73}$	$\Phi_{1168}\ \Phi_{584}\ \Phi_{73}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
49508	962	1800	$\frac{1}{36}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{35}{72}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}\ \Phi_{120}\ \Phi_{72}^{2}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
49509	962	504	$\frac{1}{36}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{504}^{4}\ \Phi_{168}^{4}\ \Phi_{72}^{2}\ \Phi_{56}^{4}\ \Phi_{42}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{8}^{2}\ \Phi_{6}$
49510	962	360	$\frac{1}{36}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{35}{72}$	$\Phi_{360}^{5}\ \Phi_{120}^{5}\ \Phi_{72}^{6}\ \Phi_{40}^{5}\ \Phi_{24}^{6}\ \Phi_{15}^{2}\ \Phi_{8}^{6}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
49511	962	930	$\frac{1}{31}$	$\frac{16}{465}$	$\frac{449}{930}$	$\frac{15}{31}$	$\Phi_{930}^{2}\ \Phi_{310}^{2}\ \Phi_{186}^{2}\ \Phi_{62}^{2}\ \Phi_{31}\ \Phi_{30}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
49512	962	620	$\frac{1}{31}$	$\frac{16}{155}$	$\frac{139}{620}$	$\frac{15}{31}$	$\Phi_{620}^{2}\ \Phi_{310}^{2}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{31}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
49513	962	558	$\frac{1}{31}$	$\frac{77}{558}$	$\frac{16}{93}$	$\frac{15}{31}$	$\Phi_{558}^{2}\ \Phi_{279}^{2}\ \Phi_{186}^{2}\ \Phi_{62}^{2}\ \Phi_{31}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
49514	962	975	$\frac{1}{25}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{195}\ \Phi_{65}\ \Phi_{39}^{2}\ \Phi_{25}\ \Phi_{13}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
49515	962	1350	$\frac{1}{25}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{12}{25}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{270}\ \Phi_{135}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
49516	962	350	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{350}^{3}\ \Phi_{175}^{3}\ \Phi_{70}^{3}\ \Phi_{50}\ \Phi_{35}^{3}\ \Phi_{25}^{2}\ \Phi_{14}^{2}\ \Phi_{10}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
49517	962	200	$\frac{1}{25}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{200}^{5}\ \Phi_{100}^{4}\ \Phi_{50}^{4}\ \Phi_{40}^{6}\ \Phi_{25}^{5}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{8}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
49518	962	1200	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{12}{25}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{120}\ \Phi_{80}\ \Phi_{48}^{2}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
49519	962	225	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{12}{25}$	$\Phi_{225}^{4}\ \Phi_{75}^{4}\ \Phi_{45}^{5}\ \Phi_{25}^{5}\ \Phi_{15}^{5}\ \Phi_{9}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
49520	962	1050	$\frac{1}{25}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{12}{25}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
49521	962	70	$\frac{2}{35}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{70}^{13}\ \Phi_{35}^{15}\ \Phi_{14}^{12}\ \Phi_{10}^{13}\ \Phi_{7}^{14}\ \Phi_{5}^{14}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
49522	962	630	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{210}\ \Phi_{126}^{2}\ \Phi_{105}\ \Phi_{90}^{2}\ \Phi_{70}\ \Phi_{63}^{2}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}^{2}\ \Phi_{10}\ \Phi_{6}$
49523	962	456	$\frac{1}{38}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{456}^{4}\ \Phi_{152}^{4}\ \Phi_{114}\ \Phi_{57}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{6}$
49524	962	868	$\frac{1}{31}$	$\frac{47}{434}$	$\frac{15}{62}$	$\frac{387}{868}$	$\Phi_{868}^{2}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{31}\ \Phi_{28}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
49525	962	342	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{342}^{3}\ \Phi_{171}^{3}\ \Phi_{114}^{3}\ \Phi_{57}^{3}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{18}\ \Phi_{9}^{2}\ \Phi_{6}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
49526	962	62	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{25}{62}$	$\Phi_{62}^{26}\ \Phi_{31}^{5}\ \Phi_{2}^{26}\ \Phi_{1}^{6}$
49527	962	280	$\frac{1}{14}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{280}^{4}\ \Phi_{140}^{4}\ \Phi_{70}^{3}\ \Phi_{56}^{4}\ \Phi_{40}^{2}\ \Phi_{35}^{3}\ \Phi_{28}^{4}\ \Phi_{20}^{2}\ \Phi_{14}^{2}\ \Phi_{10}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
49528	962	420	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{420}^{4}\ \Phi_{210}\ \Phi_{140}^{4}\ \Phi_{105}\ \Phi_{84}^{4}\ \Phi_{70}\ \Phi_{60}^{2}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^{4}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{4}^{2}$
49529	962	744	$\frac{1}{31}$	$\frac{15}{124}$	$\frac{109}{372}$	$\frac{263}{744}$	$\Phi_{744}^{2}\ \Phi_{248}^{2}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{31}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
49530	962	570	$\frac{1}{38}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{570}^{2}\ \Phi_{285}^{2}\ \Phi_{190}^{2}\ \Phi_{114}\ \Phi_{95}^{2}\ \Phi_{57}\ \Phi_{30}^{2}\ \Phi_{10}^{2}\ \Phi_{6}$
49531	962	546	$\frac{2}{39}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{546}^{2}\ \Phi_{273}^{2}\ \Phi_{182}^{2}\ \Phi_{91}^{2}\ \Phi_{78}^{2}\ \Phi_{42}\ \Phi_{26}^{2}\ \Phi_{21}\ \Phi_{6}$
49532	962	378	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{378}^{4}\ \Phi_{189}^{4}\ \Phi_{54}^{2}\ \Phi_{42}\ \Phi_{27}^{2}\ \Phi_{21}\ \Phi_{6}$
49533	962	342	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{342}^{4}\ \Phi_{171}^{4}\ \Phi_{114}\ \Phi_{57}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
49534	962	912	$\frac{1}{38}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}\ \Phi_{24}\ \Phi_6$
49535	962	840	$\frac{1}{14}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}\ \Phi_{105}^2\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
49536	962	336	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^4\ \Phi_{56}^4\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_6$
49537	962	1134	$\frac{1}{14}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{162}\ \Phi_{54}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
49538	962	195	$\frac{2}{39}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{195}^5\ \Phi_{65}^5\ \Phi_{39}^6\ \Phi_{15}^2\ \Phi_{13}^6\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
49539	962	630	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{10}^2\ \Phi_6$
49540	962	42	$\frac{1}{14}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{42}^{23}\ \Phi_{21}^{23}\ \Phi_{14}^{22}\ \Phi_7^{22}\ \Phi_6^{25}\ \Phi_3^{24}\ \Phi_2^{24}\ \Phi_1^{24}$
49541	962	270	$\frac{1}{18}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{17}{54}$	$\Phi_{270}^5\ \Phi_{135}^5\ \Phi_{54}^6\ \Phi_{27}^6\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
49542	962	210	$\frac{1}{14}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{210}^7\ \Phi_{105}^6\ \Phi_{70}\ \Phi_{42}^7\ \Phi_{35}\ \Phi_{30}^7\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_{10}\ \Phi_6^7\ \Phi_3^6$
49543	962	120	$\frac{3}{40}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{120}^{10}\ \Phi_{60}^8\ \Phi_{40}^6\ \Phi_{30}^8\ \Phi_{24}^{10}\ \Phi_{20}^5\ \Phi_{15}^{10}\ \Phi_{12}^8\ \Phi_{10}^5\ \Phi_8^6\ \Phi_6^8\ \Phi_5^6\ \Phi_4^4\ \Phi_3^{10}\ \Phi_2^4\ \Phi_1^6$
49544	962	240	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{11}{48}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{48}^6\ \Phi_{40}^5\ \Phi_{24}^6\ \Phi_{16}^6\ \Phi_{15}^2\ \Phi_8^6\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
49545	962	45	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{8}{45}$	$\frac{1}{5}$	$\Phi_{45}^{21}\ \Phi_{15}^{23}\ \Phi_9^{20}\ \Phi_5^{22}\ \Phi_3^{22}\ \Phi_1^{22}$
49546	962	210	$\frac{5}{42}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{210}^5\ \Phi_{105}^5\ \Phi_{70}^5\ \Phi_{42}^6\ \Phi_{35}^5\ \Phi_{21}^6\ \Phi_{15}^2\ \Phi_{14}^6\ \Phi_7^6\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
49547	963	848	$\frac{1}{106}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{105}{212}$	$\Phi_{848}^2\ \Phi_{212}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
49548	963	212	$\frac{1}{106}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{105}{212}$	$\Phi_{212}^5\ \Phi_{106}^4\ \Phi_{53}^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
49549	963	592	$\frac{1}{74}$	$\frac{25}{296}$	$\frac{271}{592}$	$\frac{73}{148}$	$\Phi_{592}^3\ \Phi_{148}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
49550	963	148	$\frac{1}{74}$	$\frac{25}{148}$	$\frac{41}{148}$	$\frac{73}{148}$	$\Phi_{148}^7\ \Phi_{74}^6\ \Phi_{37}^6\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
49551	963	1184	$\frac{1}{74}$	$\frac{221}{1184}$	$\frac{75}{296}$	$\frac{73}{148}$	$\Phi_{1184}\ \Phi_{592}\ \Phi_{148}\ \Phi_{32}\ \Phi_{16}\ \Phi_4\ \Phi_1$
49552	963	210	$\frac{2}{105}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{103}{210}$	$\Phi_{210}^4\ \Phi_{105}^5\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^5\ \Phi_{30}^5\ \Phi_{21}^5\ \Phi_{15}^6\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^5\ \Phi_6^5\ \Phi_5^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
49553	963	420	$\frac{2}{105}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{103}{210}$	$\Phi_{420}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{35}^3\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{14}\ \Phi_{12}^3\ \Phi_7^3\ \Phi_5^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
49554	963	368	$\frac{1}{46}$	$\frac{47}{368}$	$\frac{1}{4}$	$\frac{45}{92}$	$\Phi_{368}^3\ \Phi_{184}^3\ \Phi_{92}^2\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
49555	963	720	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{37}{144}$	$\frac{35}{72}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
49556	963	208	$\frac{3}{104}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{101}{208}$	$\Phi_{208}^9\ \Phi_{52}\ \Phi_{16}^9\ \Phi_4\ \Phi_1$
49557	963	208	$\frac{3}{104}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{101}{208}$	$\Phi_{208}^9\ \Phi_{16}^9\ \Phi_{13}^2\ \Phi_1^3$
49558	963	1040	$\frac{3}{104}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{101}{208}$	$\Phi_{1040}^2\ \Phi_{208}\ \Phi_{80}^2\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
49559	963	1300	$\frac{12}{325}$	$\frac{1}{13}$	$\frac{337}{1300}$	$\frac{313}{650}$	$\Phi_{1300}\ \Phi_{325}\ \Phi_{260}\ \Phi_{100}\ \Phi_{65}\ \Phi_{52}\ \Phi_{25}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
49560	963	156	$\frac{1}{26}$	$\frac{3}{52}$	$\frac{49}{156}$	$\frac{25}{52}$	$\Phi_{156}^9\ \Phi_{78}^9\ \Phi_{52}\ \Phi_{39}^9\ \Phi_{12}^9\ \Phi_6^9\ \Phi_4\ \Phi_3^9\ \Phi_1$
49561	963	1040	$\frac{1}{26}$	$\frac{77}{1040}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
49562	963	416	$\frac{1}{26}$	$\frac{9}{104}$	$\frac{95}{416}$	$\frac{25}{52}$	$\Phi_{416}^3\ \Phi_{208}^3\ \Phi_{52}\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
49563	963	364	$\frac{1}{26}$	$\frac{43}{364}$	$\frac{9}{52}$	$\frac{25}{52}$	$\Phi_{364}^3\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{52}\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4\ \Phi_1$
49564	963	616	$\frac{13}{308}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{295}{616}$	$\Phi_{616}^3\ \Phi_{88}^3\ \Phi_{56}^3\ \Phi_{28}^2\ \Phi_{14}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
49565	963	1020	$\frac{5}{102}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{97}{204}$	$\Phi_{1020}^2\ \Phi_{340}^2\ \Phi_{204}\ \Phi_{68}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
49566	963	1820	$\frac{53}{910}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{857}{1820}$	$\Phi_{1820}\ \Phi_{364}\ \Phi_{260}\ \Phi_{140}\ \Phi_{65}\ \Phi_{52}\ \Phi_{28}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
49567	963	130	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{23}{130}$	$\frac{61}{130}$	$\Phi_{130}^6\ \Phi_{65}^9\ \Phi_{26}^6\ \Phi_{13}^8\ \Phi_{10}^6\ \Phi_5^9\ \Phi_2^6\ \Phi_1^9$
49568	963	112	$\frac{5}{112}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{112}^9\ \Phi_{56}^9\ \Phi_{28}^8\ \Phi_{16}^9\ \Phi_{14}^7\ \Phi_8^9\ \Phi_7^7\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
49569	963	1196	$\frac{1}{23}$	$\frac{22}{299}$	$\frac{1}{4}$	$\frac{277}{598}$	$\Phi_{1196}\ \Phi_{299}\ \Phi_{92}^2\ \Phi_{52}\ \Phi_{46}\ \Phi_{23}\ \Phi_{13}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
49570	963	990	$\frac{8}{99}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{91}{198}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}^2\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
49571	963	111	$\frac{4}{111}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{111}^9\ \Phi_{37}^8\ \Phi_3^9\ \Phi_1^9$
49572	963	120	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{13}{120}$	$\frac{11}{24}$	$\Phi_{120}^7\ \Phi_{60}^9\ \Phi_{40}^7\ \Phi_{30}^9\ \Phi_{24}^8\ \Phi_{20}^9\ \Phi_{15}^9\ \Phi_{12}^9\ \Phi_{10}^8\ \Phi_8^8\ \Phi_6^9\ \Phi_5^8\ \Phi_4^9\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
49573	963	592	$\frac{1}{37}$	$\frac{25}{296}$	$\frac{12}{37}$	$\frac{271}{592}$	$\Phi_{592}^3\ \Phi_{37}^2\ \Phi_{16}^3\ \Phi_1^3$
49574	963	148	$\frac{1}{37}$	$\frac{4}{37}$	$\frac{41}{148}$	$\frac{33}{74}$	$\Phi_{148}^9\ \Phi_{37}^8\ \Phi_4^9\ \Phi_1^9$
49575	963	960	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{96}$	$\frac{85}{192}$	$\Phi_{960}^2\ \Phi_{320}^2\ \Phi_{192}\ \Phi_{64}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
49576	963	2544	$\frac{1}{53}$	$\frac{1}{8}$	$\frac{52}{159}$	$\frac{7}{16}$	$\Phi_{2544}\ \Phi_{159}\ \Phi_{48}\ \Phi_{16}\ \Phi_3\ \Phi_1$
49577	963	184	$\frac{1}{46}$	$\frac{15}{92}$	$\frac{1}{4}$	$\frac{77}{184}$	$\Phi_{184}^9\ \Phi_{92}^2\ \Phi_{46}\ \Phi_{23}\ \Phi_8^9\ \Phi_4\ \Phi_1$
49578	963	1040	$\frac{77}{1040}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}\ \Phi_{104}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
49579	963	180	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{17}{90}$	$\frac{73}{180}$	$\Phi_{180}^9\ \Phi_{90}^2\ \Phi_{60}^9\ \Phi_{45}^2\ \Phi_{36}^9\ \Phi_{30}^2\ \Phi_{20}^9\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}^9\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4^9\ \Phi_3\ \Phi_1$
49580	963	520	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{61}{260}$	$\frac{199}{520}$	$\Phi_{520}^3\ \Phi_{104}^3\ \Phi_{65}^3\ \Phi_{40}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_5^3\ \Phi_1^3$
49581	963	560	$\frac{5}{112}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{56}\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
49582	963	338	$\frac{17}{338}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{338}^3\ \Phi_{169}^3\ \Phi_{13}^2\ \Phi_1^3$
49583	963	810	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{26}{81}$	$\frac{55}{162}$	$\Phi_{810}\ \Phi_{405}\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{81}\ \Phi_{54}\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
49584	963	370	$\frac{1}{37}$	$\frac{49}{370}$	$\frac{12}{37}$	$\frac{25}{74}$	$\Phi_{370}^3\ \Phi_{185}^3\ \Phi_{37}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1^3$
49585	963	630	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{19}{126}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
49586	963	120	$\frac{1}{10}$	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{120}^9\ \Phi_{60}^9\ \Phi_{40}^9\ \Phi_{30}^5\ \Phi_{24}^9\ \Phi_{20}^9\ \Phi_{15}^6\ \Phi_{12}^9\ \Phi_{10}^4\ \Phi_8^9\ \Phi_6^5\ \Phi_5^5\ \Phi_4^9\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
49587	963	636	$\frac{1}{53}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{52}{159}$	$\Phi_{636}^2\ \Phi_{318}^2\ \Phi_{159}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
49588	963	276	$\frac{1}{46}$	$\frac{31}{138}$	$\frac{1}{4}$	$\frac{15}{46}$	$\Phi_{276}^6\ \Phi_{138}^3\ \Phi_{92}^2\ \Phi_{69}^3\ \Phi_{46}\ \Phi_{23}\ \Phi_{12}^6\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
49589	963	148	$\frac{1}{37}$	$\frac{25}{148}$	$\frac{41}{148}$	$\frac{12}{37}$	$\Phi_{148}^6\ \Phi_{74}^6\ \Phi_{37}^8\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
49590	963	156	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{49}{156}$	$\Phi_{156}^9\ \Phi_{78}^9\ \Phi_{39}^9\ \Phi_{13}^2\ \Phi_{12}^9\ \Phi_6^9\ \Phi_3^9\ \Phi_1^3$
49591	963	780	$\frac{3}{52}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{49}{156}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{195}^2\ \Phi_{156}\ \Phi_{78}\ \Phi_{60}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
49592	963	117	$\frac{1}{13}$	$\frac{10}{117}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{117}^9\ \Phi_{39}^9\ \Phi_{13}^2\ \Phi_9^9\ \Phi_3^9\ \Phi_1^3$
49593	963	416	$\frac{1}{13}$	$\frac{9}{104}$	$\frac{95}{416}$	$\frac{4}{13}$	$\Phi_{416}^3\ \Phi_{208}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_1^3$
49594	963	130	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{130}$	$\frac{4}{13}$	$\Phi_{130}^9\ \Phi_{65}^9\ \Phi_{13}^2\ \Phi_{10}^9\ \Phi_5^9\ \Phi_1^3$
49595	963	364	$\frac{1}{13}$	$\frac{43}{364}$	$\frac{9}{52}$	$\frac{4}{13}$	$\Phi_{364}^3\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{13}^2\ \Phi_7^3\ \Phi_1^3$
49596	963	308	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{4}$	$\frac{47}{154}$	$\Phi_{308}^4\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{44}^4\ \Phi_{28}^6\ \Phi_{22}^2\ \Phi_{14}^3\ \Phi_{11}^2\ \Phi_7^3\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
49597	963	455	$\frac{1}{13}$	$\frac{53}{455}$	$\frac{12}{65}$	$\frac{134}{455}$	$\Phi_{455}^2\ \Phi_{91}^2\ \Phi_{65}^3\ \Phi_{35}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
49598	963	119	$\frac{12}{119}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{5}{17}$	$\Phi_{119}^8\ \Phi_{17}^9\ \Phi_7^7\ \Phi_1^9$
49599	963	112	$\frac{5}{112}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{112}^9\ \Phi_{56}^9\ \Phi_{28}^7\ \Phi_{16}^9\ \Phi_{14}^7\ \Phi_8^9\ \Phi_7^9\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
49600	963	111	$\frac{4}{111}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{111}^9\ \Phi_{37}^8\ \Phi_3^9\ \Phi_1^9$
49601	963	720	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{48}$	$\frac{37}{144}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{180}^2\ \Phi_{144}\ \Phi_{90}^2\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
49602	963	140	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{33}{140}$	$\frac{1}{4}$	$\Phi_{140}^6\ \Phi_{70}^6\ \Phi_{35}^9\ \Phi_{28}^7\ \Phi_{20}^6\ \Phi_{14}^7\ \Phi_{10}^6\ \Phi_7^9\ \Phi_5^9\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
49603	963	700	$\frac{29}{350}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{700}^2\ \Phi_{350}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}^2\ \Phi_{50}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
49604	963	252	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{126}$	$\frac{1}{4}$	$\Phi_{252}^6\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{63}^3\ \Phi_{36}^6\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_{14}\ \Phi_{12}^3\ \Phi_9^3\ \Phi_7^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
49605	964	480	$\frac{1}{240}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{239}{480}$	$\Phi_{480}^4\ \Phi_{160}^4\ \Phi_{96}^4\ \Phi_{32}^4\ \Phi_3\ \Phi_1^2$
49606	964	966	$\frac{1}{161}$	$\frac{81}{322}$	$\frac{1}{3}$	$\frac{80}{161}$	$\Phi_{966}^2\ \Phi_{483}\ \Phi_{138}^2\ \Phi_{69}\ \Phi_{42}^2\ \Phi_{21}\ \Phi_6^2$
49607	964	428	$\frac{1}{107}$	$\frac{27}{214}$	$\frac{187}{428}$	$\frac{53}{107}$	$\Phi_{428}^4\ \Phi_{107}\ \Phi_4^4\ \Phi_1^2$
49608	964	321	$\frac{1}{107}$	$\frac{80}{321}$	$\frac{27}{107}$	$\frac{53}{107}$	$\Phi_{321}^4\ \Phi_{107}\ \Phi_3^4\ \Phi_1^2$
49609	964	477	$\frac{5}{477}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{236}{477}$	$\Phi_{477}^2\ \Phi_{159}^2\ \Phi_{53}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
49610	964	1428	$\frac{3}{238}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{235}{476}$	$\Phi_{1428}^2\ \Phi_{204}^2\ \Phi_{84}^2\ \Phi_{21}\ \Phi_{12}^2$
49611	964	276	$\frac{1}{69}$	$\frac{35}{276}$	$\frac{1}{3}$	$\frac{34}{69}$	$\Phi_{276}^4\ \Phi_{138}^4\ \Phi_{92}^4\ \Phi_{69}^2\ \Phi_{46}^4\ \Phi_{23}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
49612	964	945	$\frac{19}{945}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{463}{945}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_9\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
49613	964	945	$\frac{19}{945}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{463}{945}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
49614	964	324	$\frac{2}{81}$	$\frac{1}{9}$	$\frac{83}{324}$	$\frac{79}{162}$	$\Phi_{324}^4\ \Phi_{108}^4\ \Phi_{81}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
49615	964	468	$\frac{7}{234}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{227}{468}$	$\Phi_{468}^4\ \Phi_{156}^4\ \Phi_{52}^4\ \Phi_{36}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
49616	964	462	$\frac{10}{231}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{221}{462}$	$\Phi_{462}^4\ \Phi_{154}^4\ \Phi_{66}^4\ \Phi_{42}^4\ \Phi_{22}^4\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
49617	964	2310	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{221}{462}$	$\Phi_{2310}\ \Phi_{770}\ \Phi_{330}\ \Phi_{210}\ \Phi_{110}\ \Phi_{70}\ \Phi_{55}\ \Phi_{30}\ \Phi_{10}$
49618	964	759	$\frac{1}{23}$	$\frac{12}{253}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{759}^2\ \Phi_{69}\ \Phi_{33}^2$
49619	964	1320	$\frac{1}{22}$	$\frac{23}{264}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
49620	964	252	$\frac{11}{252}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_7^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
49621	964	1380	$\frac{1}{23}$	$\frac{11}{230}$	$\frac{1}{3}$	$\frac{219}{460}$	$\Phi_{1380}^2\ \Phi_{276}^2\ \Phi_{69}\ \Phi_{60}^2\ \Phi_{12}^2$
49622	964	459	$\frac{23}{459}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{218}{459}$	$\Phi_{459}^2\ \Phi_{153}^2\ \Phi_{51}^2\ \Phi_{27}^4\ \Phi_{17}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
49623	964	270	$\frac{2}{27}$	$\frac{29}{270}$	$\frac{1}{9}$	$\frac{25}{54}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
49624	964	897	$\frac{2}{69}$	$\frac{67}{897}$	$\frac{1}{3}$	$\frac{415}{897}$	$\Phi_{897}\ \Phi_{299}\ \Phi_{69}^2\ \Phi_{39}\ \Phi_{23}^2\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
49625	964	891	$\frac{73}{891}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{409}{891}$	$\Phi_{891}\ \Phi_{297}\ \Phi_{99}\ \Phi_{81}^2\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{11}\ \Phi_9\ \Phi_3\ \Phi_1^2$
49626	964	440	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{1}{5}$	$\frac{199}{440}$	$\Phi_{440}^4\ \Phi_{110}\ \Phi_{88}^4\ \Phi_{55}\ \Phi_{40}^4\ \Phi_{10}\ \Phi_8^4$
49627	964	432	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{25}{216}$	$\frac{191}{432}$	$\Phi_{432}^4\ \Phi_{144}^4\ \Phi_{48}^4\ \Phi_{27}^4\ \Phi_{16}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
49628	964	735	$\frac{4}{245}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{735}^2\ \Phi_{147}^2\ \Phi_{105}^2\ \Phi_{21}\ \Phi_{15}^2$
49629	964	414	$\frac{1}{69}$	$\frac{34}{207}$	$\frac{1}{3}$	$\frac{173}{414}$	$\Phi_{414}^4\ \Phi_{138}^4\ \Phi_{69}^2\ \Phi_{46}^4\ \Phi_{23}^2\ \Phi_{18}^4\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
49630	964	405	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{77}{405}$	$\frac{164}{405}$	$\Phi_{405}^2\ \Phi_{135}^2\ \Phi_{81}^4\ \Phi_{45}^2\ \Phi_{27}^4\ \Phi_{15}^2\ \Phi_9^3\ \Phi_5^2\ \Phi_3^3\ \Phi_1^4$
49631	964	252	$\frac{11}{252}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_7^4\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
49632	964	729	$\frac{8}{243}$	$\frac{1}{9}$	$\frac{235}{729}$	$\frac{247}{729}$	$\Phi_{729}\ \Phi_{243}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
49633	964	243	$\frac{2}{243}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{243}^4\ \Phi_{81}^4\ \Phi_{27}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
49634	964	360	$\frac{1}{120}$	$\frac{119}{360}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
49635	964	732	$\frac{3}{244}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{732}\ \Phi_{366}\ \Phi_{244}^2\ \Phi_{183}\ \Phi_{122}^2\ \Phi_{61}^2\ \Phi_3\ \Phi_1^2$
49636	964	960	$\frac{1}{80}$	$\frac{79}{320}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}^2\ \Phi_{192}\ \Phi_{160}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_3\ \Phi_1^2$
49637	964	735	$\frac{4}{245}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{735}\ \Phi_{245}^2\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
49638	964	300	$\frac{1}{60}$	$\frac{59}{300}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_3\ \Phi_1^2$
49639	964	246	$\frac{5}{246}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{246}^4\ \Phi_{123}^4\ \Phi_{82}^4\ \Phi_{41}^4\ \Phi_3\ \Phi_1^2$
49640	964	288	$\frac{1}{48}$	$\frac{47}{288}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{288}^4\ \Phi_{144}^4\ \Phi_{96}^4\ \Phi_{72}^4\ \Phi_{36}^4\ \Phi_{32}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
49641	964	840	$\frac{1}{40}$	$\frac{39}{280}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
49642	964	495	$\frac{13}{495}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
49643	964	744	$\frac{7}{248}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{744}\ \Phi_{372}\ \Phi_{248}^2\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_3\ \Phi_1^2$
49644	964	270	$\frac{1}{30}$	$\frac{29}{270}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
49645	964	750	$\frac{9}{250}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{750}\ \Phi_{375}\ \Phi_{250}^2\ \Phi_{150}\ \Phi_{125}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_3\ \Phi_1^2$
49646	964	264	$\frac{1}{24}$	$\frac{23}{264}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{264}^4\ \Phi_{132}^4\ \Phi_{88}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_3\ \Phi_1^2$
49647	964	252	$\frac{11}{252}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
49648	964	780	$\frac{1}{20}$	$\frac{19}{260}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}^2\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
49649	964	255	$\frac{14}{255}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{255}^4\ \Phi_{85}^4\ \Phi_{51}^4\ \Phi_{17}^4\ \Phi_3\ \Phi_1^2$
49650	964	768	$\frac{15}{256}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}^2\ \Phi_{192}\ \Phi_{128}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_3\ \Phi_1^2$
49651	964	621	$\frac{1}{69}$	$\frac{139}{621}$	$\frac{68}{207}$	$\frac{1}{3}$	$\Phi_{621}^2\ \Phi_{69}^2\ \Phi_{27}^2\ \Phi_{23}^2\ \Phi_3\ \Phi_1^2$
49652	964	357	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{116}{357}$	$\frac{1}{3}$	$\Phi_{357}^2\ \Phi_{119}^4\ \Phi_{51}^2\ \Phi_{21}^3\ \Phi_{17}^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
49653	964	693	$\frac{1}{21}$	$\frac{20}{231}$	$\frac{211}{693}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{99}^2\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
49654	964	252	$\frac{11}{252}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{63}^3\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_7^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
49655	964	345	$\frac{1}{23}$	$\frac{11}{115}$	$\frac{104}{345}$	$\frac{1}{3}$	$\Phi_{345}^2\ \Phi_{115}^4\ \Phi_{69}^3\ \Phi_{23}^4\ \Phi_{15}^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
49656	964	276	$\frac{1}{23}$	$\frac{35}{276}$	$\frac{11}{46}$	$\frac{1}{3}$	$\Phi_{276}^4\ \Phi_{138}^2\ \Phi_{92}^4\ \Phi_{69}^3\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
49657	964	315	$\frac{19}{315}$	$\frac{2}{21}$	$\frac{74}{315}$	$\frac{1}{3}$	$\Phi_{315}^3\ \Phi_{105}^3\ \Phi_{63}^3\ \Phi_{45}^3\ \Phi_{35}^3\ \Phi_{21}^4\ \Phi_{15}^3\ \Phi_9^3\ \Phi_7^4\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
49658	964	252	$\frac{11}{252}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{63}^4\ \Phi_{42}^2\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
49659	964	1725	$\frac{1}{23}$	$\frac{93}{575}$	$\frac{22}{115}$	$\frac{1}{3}$	$\Phi_{1725}\ \Phi_{75}\ \Phi_{69}$
49660	964	1785	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{113}{595}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{255}\ \Phi_{105}\ \Phi_{21}\ \Phi_{15}$
49661	964	525	$\frac{43}{525}$	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{35}\ \Phi_{25}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
49662	964	567	$\frac{2}{21}$	$\frac{19}{189}$	$\frac{85}{567}$	$\frac{1}{3}$	$\Phi_{567}^2\ \Phi_{189}\ \Phi_{81}^2\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
49663	964	351	$\frac{7}{117}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{110}{351}$	$\Phi_{351}^4\ \Phi_{27}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
49664	964	1320	$\frac{23}{264}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{120}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
49665	964	567	$\frac{19}{189}$	$\frac{1}{9}$	$\frac{85}{567}$	$\frac{8}{27}$	$\Phi_{567}^2\ \Phi_{189}\ \Phi_{81}^2\ \Phi_{63}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
49666	964	270	$\frac{29}{270}$	$\frac{1}{9}$	$\frac{19}{135}$	$\frac{8}{27}$	$\Phi_{270}^4\ \Phi_{135}^3\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^3\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_9^3\ \Phi_6^4\ \Phi_5^3\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
49667	964	330	$\frac{1}{22}$	$\frac{21}{110}$	$\frac{1}{5}$	$\frac{89}{330}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{110}\ \Phi_{66}^4\ \Phi_{55}\ \Phi_{33}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}\ \Phi_6^4\ \Phi_3^4$
49668	964	324	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{25}{108}$	$\frac{83}{324}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{81}^4\ \Phi_{27}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
49669	964	1540	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{5}$	$\frac{67}{308}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{220}\ \Phi_{140}\ \Phi_{110}\ \Phi_{70}\ \Phi_{55}\ \Phi_{20}\ \Phi_{10}$
49670	965	384	$\frac{1}{192}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{191}{384}$	$\Phi_{384}^5\ \Phi_{128}^5\ \Phi_8\ \Phi_1$
49671	965	1056	$\frac{3}{88}$	$\frac{91}{1056}$	$\frac{1}{4}$	$\frac{85}{176}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
49672	965	1848	$\frac{41}{924}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{883}{1848}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{168}\ \Phi_{88}\ \Phi_{56}\ \Phi_{44}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
49673	965	352	$\frac{3}{88}$	$\frac{17}{176}$	$\frac{1}{4}$	$\frac{159}{352}$	$\Phi_{352}^5\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}^5\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
49674	965	1560	$\frac{2}{195}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{195}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_8\ \Phi_5\ \Phi_1$
49675	965	288	$\frac{1}{96}$	$\frac{1}{4}$	$\frac{95}{288}$	$\frac{3}{8}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{72}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_9^5\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
49676	965	976	$\frac{11}{976}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{976}\ \Phi_{488}\ \Phi_{244}\ \Phi_{122}\ \Phi_{61}\ \Phi_8\ \Phi_1$
49677	965	392	$\frac{3}{196}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{392}^4\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}^4\ \Phi_{49}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
49678	965	256	$\frac{1}{64}$	$\frac{63}{256}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{256}^5\ \Phi_{128}^5\ \Phi_8\ \Phi_1$
49679	965	984	$\frac{19}{984}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{328}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_8\ \Phi_1$
49680	965	240	$\frac{1}{48}$	$\frac{47}{240}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{60}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_8\ \Phi_5^5\ \Phi_1$
49681	965	792	$\frac{5}{198}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}^2\ \Phi_{264}^2\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_8\ \Phi_1$
49682	965	1152	$\frac{5}{192}$	$\frac{187}{1152}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
49683	965	992	$\frac{27}{992}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{992}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{31}\ \Phi_8\ \Phi_1$
49684	965	224	$\frac{1}{32}$	$\frac{31}{224}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{224}^5\ \Phi_{112}^5\ \Phi_{56}^5\ \Phi_{28}^5\ \Phi_{14}^5\ \Phi_8\ \Phi_7^5\ \Phi_1$
49685	965	200	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{200}^5\ \Phi_{100}^5\ \Phi_{50}^5\ \Phi_{40}^5\ \Phi_{25}^5\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_8\ \Phi_5^5\ \Phi_1$
49686	965	216	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^5\ \Phi_{108}^5\ \Phi_{72}^5\ \Phi_{54}^5\ \Phi_{36}^5\ \Phi_{27}^5\ \Phi_{18}^5\ \Phi_9^5\ \Phi_8\ \Phi_1$
49687	965	1008	$\frac{43}{1008}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
49688	965	1056	$\frac{5}{96}$	$\frac{91}{1056}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
49689	965	408	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^4\ \Phi_{204}\ \Phi_{136}^4\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_8\ \Phi_1$
49690	965	1024	$\frac{59}{1024}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_8\ \Phi_1$
49691	965	208	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{208}^5\ \Phi_{104}^5\ \Phi_{52}^5\ \Phi_{26}^5\ \Phi_{13}^5\ \Phi_8\ \Phi_1$
49692	965	1056	$\frac{3}{44}$	$\frac{91}{1056}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{96}\ \Phi_{88}\ \Phi_{48}\ \Phi_{44}\ \Phi_{32}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
49693	965	264	$\frac{3}{88}$	$\frac{17}{88}$	$\frac{1}{4}$	$\frac{71}{264}$	$\Phi_{264}^5\ \Phi_{132}^5\ \Phi_{88}\ \Phi_{66}^5\ \Phi_{44}\ \Phi_{33}^5\ \Phi_{24}^5\ \Phi_{22}\ \Phi_{12}^5\ \Phi_{11}\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
49694	965	1232	$\frac{3}{44}$	$\frac{41}{308}$	$\frac{267}{1232}$	$\frac{1}{4}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{176}\ \Phi_{112}\ \Phi_{88}\ \Phi_{56}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
49695	966	772	$\frac{1}{193}$	$\frac{97}{386}$	$\frac{289}{772}$	$\frac{96}{193}$	$\Phi_{772}^2\ \Phi_{193}\ \Phi_4^2\ \Phi_1^2$
49696	966	320	$\frac{1}{160}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{159}{320}$	$\Phi_{320}^6\ \Phi_{64}^6\ \Phi_5\ \Phi_1^2$
49697	966	960	$\frac{1}{160}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{159}{320}$	$\Phi_{960}^3\ \Phi_{192}^3\ \Phi_{12}\ \Phi_6$
49698	966	1644	$\frac{1}{137}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{68}{137}$	$\Phi_{1644}\ \Phi_{548}\ \Phi_{137}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
49699	966	1233	$\frac{1}{137}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{68}{137}$	$\Phi_{1233}\ \Phi_{137}\ \Phi_9^2\ \Phi_1^2$
49700	966	2226	$\frac{2}{159}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{157}{318}$	$\Phi_{2226}\ \Phi_{742}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
49701	966	1768	$\frac{1}{68}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{67}{136}$	$\Phi_{1768}\ \Phi_{136}^2\ \Phi_{104}\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
49702	966	408	$\frac{1}{68}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{67}{136}$	$\Phi_{408}^3\ \Phi_{204}^4\ \Phi_{102}^4\ \Phi_{51}^4\ \Phi_{24}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
49703	966	1512	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{55}{216}$	$\frac{53}{108}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{378}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
49704	966	2838	$\frac{10}{473}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{463}{946}$	$\Phi_{2838}\ \Phi_{258}\ \Phi_{66}\ \Phi_{33}\ \Phi_6$
49705	966	360	$\frac{1}{45}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{22}{45}$	$\Phi_{360}^5\ \Phi_{120}^5\ \Phi_{72}^5\ \Phi_{45}\ \Phi_{40}^6\ \Phi_{24}^5\ \Phi_{15}\ \Phi_9\ \Phi_8^6\ \Phi_5\ \Phi_3\ \Phi_1^2$
49706	966	90	$\frac{1}{45}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{22}{45}$	$\Phi_{90}^{10}\ \Phi_{45}^{11}\ \Phi_{30}^{10}\ \Phi_{18}^{10}\ \Phi_{15}^{11}\ \Phi_{10}^{12}\ \Phi_9^{11}\ \Phi_6^{10}\ \Phi_5^{13}\ \Phi_3^{11}\ \Phi_2^{12}\ \Phi_1^{14}$
49707	966	360	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{22}{45}$	$\Phi_{360}^3\ \Phi_{180}^2\ \Phi_{120}^3\ \Phi_{90}^2\ \Phi_{72}^3\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^3\ \Phi_8^6\ \Phi_6^2\ \Phi_5^3\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
49708	966	225	$\frac{1}{45}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{22}{45}$	$\Phi_{225}^5\ \Phi_{75}^5\ \Phi_{45}\ \Phi_{25}^6\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
49709	966	528	$\frac{1}{44}$	$\frac{15}{176}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{528}^3\ \Phi_{264}^2\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{48}^3\ \Phi_{33}^3\ \Phi_{24}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
49710	966	1804	$\frac{1}{41}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{20}{41}$	$\Phi_{1804}\ \Phi_{164}\ \Phi_{44}^2\ \Phi_{41}\ \Phi_4^2\ \Phi_1^2$
49711	966	1353	$\frac{1}{41}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{20}{41}$	$\Phi_{1353}\ \Phi_{123}\ \Phi_{41}\ \Phi_{33}^2\ \Phi_3^2\ \Phi_1^2$
49712	966	193	$\frac{5}{193}$	$\frac{32}{193}$	$\frac{33}{193}$	$\frac{94}{193}$	$\Phi_{193}^5\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
49713	966	965	$\frac{29}{965}$	$\frac{71}{965}$	$\frac{298}{965}$	$\frac{468}{965}$	$\Phi_{965}\ \Phi_{193}\ \Phi_{5}\ \Phi_{1}^{2}$
49714	966	2184	$\frac{5}{156}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{151}{312}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{168}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
49715	966	1112	$\frac{5}{139}$	$\frac{1}{8}$	$\frac{24}{139}$	$\frac{67}{139}$	$\Phi_{1112}\ \Phi_{556}\ \Phi_{278}$
49716	966	965	$\frac{37}{965}$	$\frac{114}{965}$	$\frac{167}{965}$	$\frac{464}{965}$	$\Phi_{965}\ \Phi_{193}\ \Phi_{5}\ \Phi_{1}^{2}$
49717	966	1292	$\frac{13}{323}$	$\frac{24}{323}$	$\frac{1}{4}$	$\frac{155}{323}$	$\Phi_{1292}\ \Phi_{646}\ \Phi_{76}\ \Phi_{68}\ \Phi_{38}\ \Phi_{34}$
49718	966	132	$\frac{1}{22}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{132}^{21}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}^{21}\ \Phi_{6}$
49719	966	1804	$\frac{1}{22}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{21}{44}$	$\Phi_{1804}\ \Phi_{164}\ \Phi_{44}^{2}\ \Phi_{41}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
49720	966	660	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{660}\ \Phi_{330}^{2}\ \Phi_{220}\ \Phi_{165}^{2}\ \Phi_{132}\ \Phi_{110}^{2}\ \Phi_{66}^{2}\ \Phi_{60}^{2}\ \Phi_{55}^{2}\ \Phi_{33}^{2}\ \Phi_{30}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{2}$
49721	966	1804	$\frac{1}{22}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{21}{44}$	$\Phi_{1804}\ \Phi_{164}\ \Phi_{44}^{2}\ \Phi_{41}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
49722	966	616	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{21}{44}$	$\Phi_{616}^{2}\ \Phi_{308}\ \Phi_{154}^{2}\ \Phi_{77}^{2}\ \Phi_{56}^{3}\ \Phi_{28}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
49723	966	120	$\frac{1}{24}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{120}^{7}\ \Phi_{60}^{8}\ \Phi_{40}^{8}\ \Phi_{30}^{8}\ \Phi_{24}^{9}\ \Phi_{20}^{8}\ \Phi_{15}^{8}\ \Phi_{12}^{10}\ \Phi_{10}^{8}\ \Phi_{8}^{10}\ \Phi_{6}^{10}\ \Phi_{5}^{8}\ \Phi_{4}^{10}\ \Phi_{3}^{9}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
49724	966	120	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{19}{40}$	$\Phi_{120}^{15}\ \Phi_{40}^{16}\ \Phi_{30}^{2}\ \Phi_{24}^{15}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{8}^{16}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
49725	966	200	$\frac{1}{20}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{200}^{10}\ \Phi_{40}^{6}\ \Phi_{25}^{2}\ \Phi_{8}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
49726	966	1080	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{19}{40}$	$\Phi_{1080}^{2}\ \Phi_{360}\ \Phi_{216}^{2}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}^{2}\ \Phi_{27}^{2}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
49727	966	612	$\frac{8}{153}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{145}{306}$	$\Phi_{612}^{2}\ \Phi_{204}^{2}\ \Phi_{153}^{2}\ \Phi_{68}^{3}\ \Phi_{51}^{2}\ \Phi_{36}^{2}\ \Phi_{34}\ \Phi_{17}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
49728	966	2142	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{145}{306}$	$\Phi_{2142}\ \Phi_{714}\ \Phi_{238}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
49729	966	684	$\frac{1}{19}$	$\frac{10}{171}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{684}^{2}\ \Phi_{342}^{2}\ \Phi_{228}^{2}\ \Phi_{114}^{2}\ \Phi_{76}\ \Phi_{38}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
49730	966	1260	$\frac{1}{18}$	$\frac{19}{180}$	$\frac{1}{7}$	$\frac{17}{36}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
49731	966	340	$\frac{9}{170}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{340}^{4}\ \Phi_{170}^{2}\ \Phi_{85}^{2}\ \Phi_{68}^{3}\ \Phi_{34}\ \Phi_{20}^{4}\ \Phi_{17}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
49732	966	304	$\frac{1}{19}$	$\frac{9}{152}$	$\frac{1}{4}$	$\frac{143}{304}$	$\Phi_{304}^{6}\ \Phi_{76}\ \Phi_{38}\ \Phi_{16}^{6}$
49733	966	390	$\frac{4}{65}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{390}^{5}\ \Phi_{130}^{4}\ \Phi_{78}^{5}\ \Phi_{30}^{5}\ \Phi_{26}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
49734	966	420	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{420}^{2}\ \Phi_{210}^{3}\ \Phi_{140}^{2}\ \Phi_{105}^{3}\ \Phi_{84}^{2}\ \Phi_{70}^{3}\ \Phi_{60}^{2}\ \Phi_{42}^{3}\ \Phi_{35}^{3}\ \Phi_{30}^{3}\ \Phi_{21}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{2}$
49735	966	442	$\frac{1}{34}$	$\frac{1}{13}$	$\frac{11}{34}$	$\frac{6}{13}$	$\Phi_{442}^{2}\ \Phi_{221}^{2}\ \Phi_{34}^{4}\ \Phi_{26}^{2}\ \Phi_{17}^{4}\ \Phi_{13}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
49736	966	312	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{312}^{3}\ \Phi_{156}^{3}\ \Phi_{104}^{3}\ \Phi_{78}^{3}\ \Phi_{52}^{2}\ \Phi_{39}^{3}\ \Phi_{26}^{2}\ \Phi_{24}^{6}\ \Phi_{13}^{3}\ \Phi_{12}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
49737	966	1105	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{16}{85}$	$\frac{6}{13}$	$\Phi_{1105}\ \Phi_{85}^{2}\ \Phi_{65}\ \Phi_{13}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
49738	966	1806	$\frac{1}{43}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1806}\ \Phi_{602}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}$
49739	966	210	$\frac{1}{15}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{210}^{9}\ \Phi_{105}\ \Phi_{70}^{9}\ \Phi_{42}^{6}\ \Phi_{35}\ \Phi_{30}^{9}\ \Phi_{21}\ \Phi_{14}^{6}\ \Phi_{10}^{9}\ \Phi_{6}^{6}\ \Phi_{2}^{6}$
49740	966	965	$\frac{23}{965}$	$\frac{93}{965}$	$\frac{314}{965}$	$\frac{436}{965}$	$\Phi_{965}\ \Phi_{193}\ \Phi_{5}\ \Phi_{1}^{2}$
49741	966	2640	$\frac{1}{44}$	$\frac{43}{440}$	$\frac{1}{3}$	$\frac{397}{880}$	$\Phi_{2640}\ \Phi_{528}\ \Phi_{240}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{12}\ \Phi_{6}$
49742	966	240	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{240}^{5}\ \Phi_{120}^{5}\ \Phi_{80}^{4}\ \Phi_{48}^{5}\ \Phi_{40}^{4}\ \Phi_{30}^{5}\ \Phi_{24}^{5}\ \Phi_{16}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
49743	966	1032	$\frac{1}{24}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{1032}\ \Phi_{516}\ \Phi_{344}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}$
49744	966	2016	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{1}{7}$	$\frac{127}{288}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{224}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
49745	966	1376	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1376}\ \Phi_{344}\ \Phi_{172}\ \Phi_{86}$
49746	966	965	$\frac{34}{965}$	$\frac{133}{965}$	$\frac{183}{965}$	$\frac{416}{965}$	$\Phi_{965}\ \Phi_{193}\ \Phi_{5}\ \Phi_{1}^{2}$
49747	966	1292	$\frac{8}{323}$	$\frac{45}{323}$	$\frac{1}{4}$	$\frac{139}{323}$	$\Phi_{1292}\ \Phi_{646}\ \Phi_{76}\ \Phi_{68}\ \Phi_{38}\ \Phi_{34}$
49748	966	1720	$\frac{1}{43}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1720}\ \Phi_{344}\ \Phi_{172}\ \Phi_{86}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
49749	966	120	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{120}^{15}\ \Phi_{40}^{12}\ \Phi_{30}^{5}\ \Phi_{24}^{15}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{12}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
49750	966	420	$\frac{1}{70}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{420}^{4}\ \Phi_{210}\ \Phi_{140}^{4}\ \Phi_{105}\ \Phi_{84}^{4}\ \Phi_{60}^{4}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}^{4}\ \Phi_{21}\ \Phi_{20}^{4}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}^{2}$
49751	966	1644	$\frac{2}{137}$	$\frac{1}{6}$	$\frac{45}{137}$	$\frac{5}{12}$	$\Phi_{1644}\ \Phi_{548}\ \Phi_{137}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
49752	966	564	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{564}\ \Phi_{282}^{2}\ \Phi_{188}^{2}\ \Phi_{141}^{2}\ \Phi_{94}^{3}\ \Phi_{47}^{2}$
49753	966	1644	$\frac{5}{137}$	$\frac{22}{137}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1644}\ \Phi_{548}\ \Phi_{137}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
49754	966	168	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{168}^{7}\ \Phi_{84}^{6}\ \Phi_{56}^{7}\ \Phi_{42}^{7}\ \Phi_{28}^{6}\ \Phi_{21}^{7}\ \Phi_{14}^{7}\ \Phi_{7}^{6}$
49755	966	1890	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{26}{135}$	$\frac{109}{270}$	$\Phi_{1890}\ \Phi_{630}\ \Phi_{378}\ \Phi_{210}\ \Phi_{189}\ \Phi_{126}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
49756	966	240	$\frac{1}{80}$	$\frac{1}{5}$	$\frac{79}{240}$	$\frac{2}{5}$	$\Phi_{240}^{6}\ \Phi_{120}^{6}\ \Phi_{60}^{6}\ \Phi_{48}^{6}\ \Phi_{30}^{6}\ \Phi_{24}^{6}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
49757	966	70	$\frac{1}{70}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{70}^{14}\ \Phi_{35}^{14}\ \Phi_{14}^{14}\ \Phi_{10}^{12}\ \Phi_{7}^{14}\ \Phi_{5}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
49758	966	820	$\frac{3}{164}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{820}\ \Phi_{410}\ \Phi_{205}\ \Phi_{164}^{2}\ \Phi_{82}^{2}\ \Phi_{41}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
49759	966	640	$\frac{3}{160}$	$\frac{1}{5}$	$\frac{157}{640}$	$\frac{2}{5}$	$\Phi_{640}^{2}\ \Phi_{320}^{2}\ \Phi_{128}^{2}\ \Phi_{64}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
49760	966	165	$\frac{4}{165}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{165}^{6}\ \Phi_{55}^{6}\ \Phi_{33}^{6}\ \Phi_{15}^{6}\ \Phi_{11}^{6}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
49761	966	200	$\frac{1}{40}$	$\frac{39}{200}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{200}^{6}\ \Phi_{100}^{6}\ \Phi_{50}^{6}\ \Phi_{25}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
49762	966	960	$\frac{1}{32}$	$\frac{31}{192}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}^{2}\ \Phi_{120}\ \Phi_{96}^{2}\ \Phi_{64}^{2}\ \Phi_{60}\ \Phi_{48}^{2}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
49763	966	500	$\frac{17}{500}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{500}^{2}\ \Phi_{250}^{2}\ \Phi_{125}^{2}\ \Phi_{100}^{2}\ \Phi_{50}^{2}\ \Phi_{25}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
49764	966	80	$\frac{3}{80}$	$\frac{11}{80}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{80}^{12}\ \Phi_{40}^{12}\ \Phi_{20}^{12}\ \Phi_{16}^{12}\ \Phi_{10}^{12}\ \Phi_{8}^{12}\ \Phi_{5}^{13}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
49765	966	120	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{120}^{7}\ \Phi_{60}^{7}\ \Phi_{40}^{6}\ \Phi_{30}^{7}\ \Phi_{24}^{14}\ \Phi_{20}^{6}\ \Phi_{15}^{7}\ \Phi_{12}^{14}\ \Phi_{10}^{6}\ \Phi_{8}^{12}\ \Phi_{6}^{14}\ \Phi_{5}^{7}\ \Phi_{4}^{12}\ \Phi_{3}^{14}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
49766	966	180	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{180}^{6}\ \Phi_{90}^{6}\ \Phi_{60}^{6}\ \Phi_{45}^{6}\ \Phi_{36}^{6}\ \Phi_{30}^{6}\ \Phi_{18}^{6}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
49767	966	170	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{170}^{6}\ \Phi_{85}^{6}\ \Phi_{34}^{6}\ \Phi_{17}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
49768	966	880	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}^{2}\ \Phi_{110}\ \Phi_{88}^{2}\ \Phi_{55}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
49769	966	520	$\frac{37}{520}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{520}^{2}\ \Phi_{260}^{2}\ \Phi_{130}^{2}\ \Phi_{104}^{2}\ \Phi_{65}^{2}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
49770	966	1680	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{10}\ \Phi_{6}$
49771	966	1464	$\frac{5}{488}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1464}\ \Phi_{732}\ \Phi_{366}\ \Phi_{183}\ \Phi_{12}\ \Phi_{6}$
49772	966	1548	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1548}\ \Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}$
49773	966	965	$\frac{27}{965}$	$\frac{134}{965}$	$\frac{277}{965}$	$\frac{344}{965}$	$\Phi_{965}\ \Phi_{193}\ \Phi_{5}\ \Phi_{1}^{2}$
49774	966	1032	$\frac{1}{24}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{1032}\ \Phi_{516}\ \Phi_{344}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}$
49775	966	965	$\frac{38}{965}$	$\frac{91}{965}$	$\frac{309}{965}$	$\frac{328}{965}$	$\Phi_{965}\ \Phi_{193}\ \Phi_{5}\ \Phi_{1}^{2}$
49776	966	1112	$\frac{4}{139}$	$\frac{1}{8}$	$\frac{45}{139}$	$\frac{47}{139}$	$\Phi_{1112}\ \Phi_{556}\ \Phi_{278}$
49777	966	726	$\frac{1}{121}$	$\frac{40}{121}$	$\frac{1}{3}$	$\frac{81}{242}$	$\Phi_{726}^{3}\ \Phi_{363}\ \Phi_{66}^{3}\ \Phi_{33}\ \Phi_{6}^{3}$
49778	966	630	$\frac{1}{70}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{210}\ \Phi_{126}^{2}\ \Phi_{105}\ \Phi_{90}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{6}$
49779	966	240	$\frac{1}{80}$	$\frac{1}{4}$	$\frac{79}{240}$	$\frac{1}{3}$	$\Phi_{240}^{3}\ \Phi_{120}^{3}\ \Phi_{80}^{6}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{40}^{6}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{6}\ \Phi_{16}^{6}\ \Phi_{15}^{3}\ \Phi_{12}^{4}\ \Phi_{10}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
49780	966	1233	$\frac{2}{137}$	$\frac{2}{9}$	$\frac{45}{137}$	$\frac{1}{3}$	$\Phi_{1233}\ \Phi_{137}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
49781	966	408	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{11}{34}$	$\frac{1}{3}$	$\Phi_{408}^{4}\ \Phi_{204}^{4}\ \Phi_{102}^{2}\ \Phi_{51}^{2}\ \Phi_{24}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
49782	966	1452	$\frac{19}{484}$	$\frac{47}{484}$	$\frac{155}{484}$	$\frac{1}{3}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{363}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_{6}$
49783	966	528	$\frac{1}{22}$	$\frac{15}{176}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{132}^{3}\ \Phi_{66}\ \Phi_{48}^{3}\ \Phi_{33}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}$
49784	966	66	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{66}^{12}\ \Phi_{33}^{11}\ \Phi_{22}^{22}\ \Phi_{11}^{20}\ \Phi_{6}^{12}\ \Phi_{3}^{10}\ \Phi_{2}^{22}\ \Phi_{1}^{20}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
49785	966	120	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{120}^{8}\ \Phi_{60}^{8}\ \Phi_{40}^{8}\ \Phi_{30}^{6}\ \Phi_{24}^{10}\ \Phi_{20}^{8}\ \Phi_{15}^{6}\ \Phi_{12}^{10}\ \Phi_{10}^{8}\ \Phi_{8}^{10}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{10}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
49786	966	1452	$\frac{15}{484}$	$\frac{67}{484}$	$\frac{139}{484}$	$\frac{1}{3}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{363}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_{6}$
49787	966	165	$\frac{4}{165}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{165}^{6}\ \Phi_{55}^{6}\ \Phi_{33}^{5}\ \Phi_{15}^{6}\ \Phi_{11}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
49788	966	660	$\frac{1}{44}$	$\frac{43}{220}$	$\frac{59}{220}$	$\frac{1}{3}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{165}^{2}\ \Phi_{132}^{3}\ \Phi_{66}^{3}\ \Phi_{60}^{2}\ \Phi_{33}^{3}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
49789	966	492	$\frac{3}{164}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{492}^{3}\ \Phi_{246}^{3}\ \Phi_{123}^{3}\ \Phi_{12}\ \Phi_{6}$
49790	966	1920	$\frac{3}{160}$	$\frac{157}{640}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{384}\ \Phi_{192}\ \Phi_{12}\ \Phi_{6}$
49791	966	1692	$\frac{1}{47}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{188}\ \Phi_{94}$
49792	966	660	$\frac{4}{165}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{2}\ \Phi_{132}^{2}\ \Phi_{110}^{2}\ \Phi_{66}^{2}\ \Phi_{60}\ \Phi_{44}^{2}\ \Phi_{30}\ \Phi_{22}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
49793	966	600	$\frac{1}{40}$	$\frac{39}{200}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{600}^{3}\ \Phi_{300}^{3}\ \Phi_{150}^{3}\ \Phi_{75}^{3}\ \Phi_{12}\ \Phi_{6}$
49794	966	1488	$\frac{13}{496}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{12}\ \Phi_{6}$
49795	966	192	$\frac{1}{32}$	$\frac{31}{192}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{192}^{6}\ \Phi_{96}^{3}\ \Phi_{64}^{6}\ \Phi_{48}^{3}\ \Phi_{32}^{6}\ \Phi_{24}^{3}\ \Phi_{16}^{6}\ \Phi_{12}^{4}\ \Phi_{8}^{6}\ \Phi_{6}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
49796	966	1500	$\frac{17}{500}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{375}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{12}\ \Phi_{6}$
49797	966	240	$\frac{3}{80}$	$\frac{11}{80}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^{6}\ \Phi_{120}^{6}\ \Phi_{60}^{6}\ \Phi_{48}^{6}\ \Phi_{30}^{6}\ \Phi_{24}^{6}\ \Phi_{15}^{6}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
49798	966	24	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{24}^{39}\ \Phi_{12}^{40}\ \Phi_{8}^{42}\ \Phi_{6}^{40}\ \Phi_{4}^{42}\ \Phi_{3}^{39}\ \Phi_{2}^{42}\ \Phi_{1}^{42}$
49799	966	180	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^{6}\ \Phi_{90}^{6}\ \Phi_{60}^{3}\ \Phi_{45}^{6}\ \Phi_{36}^{6}\ \Phi_{30}^{3}\ \Phi_{20}^{6}\ \Phi_{18}^{6}\ \Phi_{15}^{3}\ \Phi_{12}^{4}\ \Phi_{10}^{6}\ \Phi_{9}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
49800	966	1020	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^{2}\ \Phi_{510}\ \Phi_{255}\ \Phi_{204}^{2}\ \Phi_{102}\ \Phi_{51}\ \Phi_{12}\ \Phi_{6}$
49801	966	1536	$\frac{29}{512}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{12}\ \Phi_{6}$
49802	966	528	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{132}^{3}\ \Phi_{66}^{3}\ \Phi_{33}^{3}\ \Phi_{12}\ \Phi_{6}$
49803	966	1560	$\frac{37}{520}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_{6}$
49804	966	1233	$\frac{5}{137}$	$\frac{22}{137}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1233}\ \Phi_{137}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
49805	966	504	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{504}^{3}\ \Phi_{252}^{3}\ \Phi_{168}\ \Phi_{126}^{3}\ \Phi_{84}\ \Phi_{63}^{2}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
49806	966	264	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{19}{88}$	$\frac{1}{3}$	$\Phi_{264}^{7}\ \Phi_{132}^{7}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}^{7}\ \Phi_{12}^{7}\ \Phi_{6}$
49807	966	600	$\frac{1}{24}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{600}^{2}\ \Phi_{300}^{2}\ \Phi_{200}^{2}\ \Phi_{150}^{2}\ \Phi_{100}^{2}\ \Phi_{75}\ \Phi_{50}^{2}\ \Phi_{25}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
49808	966	2040	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{16}{85}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
49809	966	1353	$\frac{2}{41}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{13}{41}$	$\Phi_{1353}\ \Phi_{123}\ \Phi_{41}\ \Phi_{33}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
49810	966	193	$\frac{10}{193}$	$\frac{32}{193}$	$\frac{33}{193}$	$\frac{61}{193}$	$\Phi_{193}^{5}\ \Phi_{1}^{6}$
49811	966	204	$\frac{1}{17}$	$\frac{5}{51}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{204}^{6}\ \Phi_{102}^{6}\ \Phi_{68}^{7}\ \Phi_{34}^{7}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
49812	966	1638	$\frac{5}{78}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{73}{234}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
49813	966	660	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{2}\ \Phi_{132}\ \Phi_{110}^{2}\ \Phi_{66}\ \Phi_{60}^{3}\ \Phi_{44}^{2}\ \Phi_{30}^{3}\ \Phi_{22}^{2}\ \Phi_{20}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
49814	966	1353	$\frac{1}{11}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{10}{33}$	$\Phi_{1353}\ \Phi_{123}\ \Phi_{41}\ \Phi_{33}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
49815	966	1848	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{10}{33}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}$
49816	966	30	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{30}^{32}\ \Phi_{15}^{31}\ \Phi_{10}^{34}\ \Phi_{6}^{32}\ \Phi_{5}^{33}\ \Phi_{3}^{31}\ \Phi_{2}^{34}\ \Phi_{1}^{34}$
49817	966	50	$\frac{2}{25}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{50}^{20}\ \Phi_{25}^{22}\ \Phi_{10}^{12}\ \Phi_{5}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
49818	966	270	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{3}{10}$	$\Phi_{270}^{4}\ \Phi_{135}^{4}\ \Phi_{90}^{2}\ \Phi_{54}^{4}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{27}^{6}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{4}\ \Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
49819	966	1836	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{1}{4}$	$\frac{137}{459}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{108}\ \Phi_{68}\ \Phi_{54}\ \Phi_{34}$
49820	966	228	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{1}{4}$	$\frac{67}{228}$	$\Phi_{228}^{6}\ \Phi_{114}^{6}\ \Phi_{76}\ \Phi_{57}^{6}\ \Phi_{38}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
49821	966	420	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}\ \Phi_{84}^3\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{35}\ \Phi_{30}^3\ \Phi_{21}\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3$
49822	966	1512	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{17}{72}$	$\frac{55}{216}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
49823	966	380	$\frac{1}{19}$	$\frac{29}{190}$	$\frac{9}{38}$	$\frac{1}{4}$	$\Phi_{380}^4\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{76}\ \Phi_{38}\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2$
49824	966	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{30}$	$\frac{1}{4}$	$\Phi_{120}^9\ \Phi_{60}^6\ \Phi_{40}^9\ \Phi_{30}^8\ \Phi_{24}^9\ \Phi_{20}^6\ \Phi_{15}^7\ \Phi_{12}^6\ \Phi_{10}^8\ \Phi_8^{12}\ \Phi_6^8\ \Phi_5^7\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
49825	966	204	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{43}{204}$	$\frac{1}{4}$	$\Phi_{204}^4\ \Phi_{102}^4\ \Phi_{68}^5\ \Phi_{51}^6\ \Phi_{34}^5\ \Phi_{17}^6\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
49826	966	200	$\frac{2}{25}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{200}^6\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{40}^3\ \Phi_{25}^6\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_8^6\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
49827	966	204	$\frac{5}{51}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{204}^7\ \Phi_{102}^7\ \Phi_{68}^5\ \Phi_{34}^5\ \Phi_{12}^7\ \Phi_6^7\ \Phi_4^4\ \Phi_2^4$
49828	966	216	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{27}$	$\frac{1}{4}$	$\Phi_{216}^6\ \Phi_{108}^4\ \Phi_{72}^3\ \Phi_{54}^4\ \Phi_{36}^2\ \Phi_{27}^6\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
49829	966	150	$\frac{1}{15}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{30}$	$\Phi_{150}^{10}\ \Phi_{75}^5\ \Phi_{50}^{10}\ \Phi_{30}^2\ \Phi_{25}^6\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
49830	966	25	$\frac{2}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{25}^{38}\ \Phi_5^{41}\ \Phi_1^{42}$
49831	966	225	$\frac{4}{45}$	$\frac{4}{25}$	$\frac{41}{225}$	$\frac{1}{5}$	$\Phi_{225}^4\ \Phi_{75}^4\ \Phi_{45}^5\ \Phi_{25}^5\ \Phi_{15}^5\ \Phi_9^5\ \Phi_5^5\ \Phi_3^5\ \Phi_1^6$
49832	966	675	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{675}^2\ \Phi_{225}\ \Phi_{75}\ \Phi_{27}^2\ \Phi_{25}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
49833	967	1656	$\frac{1}{138}$	$\frac{139}{828}$	$\frac{689}{1656}$	$\frac{137}{276}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{92}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
49834	967	1920	$\frac{7}{960}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{953}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{12}\ \Phi_4\ \Phi_1$
49835	967	1908	$\frac{13}{954}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{941}{1908}$	$\Phi_{1908}\ \Phi_{636}\ \Phi_{212}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
49836	967	1296	$\frac{5}{324}$	$\frac{1}{6}$	$\frac{329}{1296}$	$\frac{319}{648}$	$\Phi_{1296}\ \Phi_{432}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
49837	967	1904	$\frac{15}{952}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{937}{1904}$	$\Phi_{1904}\ \Phi_{272}\ \Phi_{112}\ \Phi_{28}\ \Phi_{16}\ \Phi_4\ \Phi_1$
49838	967	1840	$\frac{1}{46}$	$\frac{47}{920}$	$\frac{873}{1840}$	$\frac{45}{92}$	$\Phi_{1840}\ \Phi_{368}\ \Phi_{92}\ \Phi_{80}\ \Phi_{16}\ \Phi_4\ \Phi_1$
49839	967	1380	$\frac{1}{46}$	$\frac{47}{460}$	$\frac{413}{1380}$	$\frac{45}{92}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
49840	967	1104	$\frac{1}{46}$	$\frac{137}{1104}$	$\frac{47}{184}$	$\frac{45}{92}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
49841	967	1848	$\frac{1}{42}$	$\frac{43}{924}$	$\frac{881}{1848}$	$\frac{41}{84}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{168}\ \Phi_{88}\ \Phi_{84}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
49842	967	1872	$\frac{31}{936}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{905}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
49843	967	1026	$\frac{2}{57}$	$\frac{59}{1026}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{1026}\ \Phi_{513}\ \Phi_{342}\ \Phi_{171}\ \Phi_{57}\ \Phi_{54}\ \Phi_{27}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_1$
49844	967	1020	$\frac{2}{51}$	$\frac{53}{1020}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{30}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
49845	967	1080	$\frac{5}{108}$	$\frac{113}{1080}$	$\frac{1}{6}$	$\frac{103}{216}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
49846	967	1836	$\frac{2}{51}$	$\frac{49}{918}$	$\frac{1}{3}$	$\frac{869}{1836}$	$\Phi_{1836}\ \Phi_{612}\ \Phi_{204}\ \Phi_{108}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
49847	967	1836	$\frac{49}{918}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{869}{1836}$	$\Phi_{1836}\ \Phi_{612}\ \Phi_{204}\ \Phi_{108}\ \Phi_{68}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
49848	967	1824	$\frac{2}{57}$	$\frac{55}{912}$	$\frac{1}{3}$	$\frac{857}{1824}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{96}\ \Phi_{57}\ \Phi_{32}\ \Phi_{19}\ \Phi_1$
49849	967	1820	$\frac{57}{910}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{853}{1820}$	$\Phi_{1820}\ \Phi_{364}\ \Phi_{260}\ \Phi_{140}\ \Phi_{70}\ \Phi_{52}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
49850	967	1176	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{209}{1176}$	$\frac{183}{392}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{294}\ \Phi_{196}\ \Phi_{168}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{49}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
49851	967	1428	$\frac{15}{476}$	$\frac{1}{14}$	$\frac{461}{1428}$	$\frac{13}{28}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{357}\ \Phi_{204}\ \Phi_{102}\ \Phi_{84}\ \Phi_{51}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
49852	967	1008	$\frac{41}{1008}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
49853	967	1120	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{153}{1120}$	$\frac{127}{280}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
49854	967	1764	$\frac{1}{42}$	$\frac{85}{882}$	$\frac{41}{126}$	$\frac{797}{1764}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{252}\ \Phi_{196}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
49855	967	1764	$\frac{1}{14}$	$\frac{85}{882}$	$\frac{13}{98}$	$\frac{797}{1764}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{252}\ \Phi_{196}\ \Phi_{98}\ \Phi_{84}\ \Phi_{49}\ \Phi_{36}\ \Phi_{28}\ \Phi_{12}\ \Phi_4\ \Phi_1$
49856	967	1728	$\frac{5}{108}$	$\frac{103}{864}$	$\frac{1}{6}$	$\frac{761}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{108}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
49857	967	1344	$\frac{1}{42}$	$\frac{41}{336}$	$\frac{377}{1344}$	$\frac{295}{672}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{48}\ \Phi_{28}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
49858	967	1008	$\frac{41}{1008}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
49859	967	1680	$\frac{1}{42}$	$\frac{127}{840}$	$\frac{41}{168}$	$\frac{713}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{80}\ \Phi_{56}\ \Phi_{48}\ \Phi_{28}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
49860	967	1680	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{127}{840}$	$\frac{713}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{48}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
49861	967	1440	$\frac{7}{480}$	$\frac{1}{6}$	$\frac{473}{1440}$	$\frac{5}{12}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
49862	967	984	$\frac{17}{984}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{328}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_{12}\ \Phi_4\ \Phi_1$
49863	967	1200	$\frac{7}{240}$	$\frac{1}{6}$	$\frac{233}{1200}$	$\frac{5}{12}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{12}\ \Phi_4\ \Phi_1$
49864	967	1152	$\frac{7}{192}$	$\frac{185}{1152}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
49865	967	1008	$\frac{41}{1008}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
49866	967	1020	$\frac{53}{1020}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
49867	967	1080	$\frac{7}{120}$	$\frac{113}{1080}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
49868	967	1056	$\frac{7}{96}$	$\frac{89}{1056}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
49869	967	1656	$\frac{1}{69}$	$\frac{139}{828}$	$\frac{68}{207}$	$\frac{689}{1656}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{207}\ \Phi_{184}\ \Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
49870	967	1620	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{157}{810}$	$\frac{653}{1620}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{324}\ \Phi_{180}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
49871	967	1380	$\frac{1}{69}$	$\frac{68}{345}$	$\frac{413}{1380}$	$\frac{277}{690}$	$\Phi_{1380}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}\ \Phi_{115}\ \Phi_{92}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
49872	967	1568	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{183}{784}$	$\frac{601}{1568}$	$\Phi_{1568}\ \Phi_{224}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{32}\ \Phi_{28}\ \Phi_4\ \Phi_1$
49873	967	1512	$\frac{1}{42}$	$\frac{41}{252}$	$\frac{211}{756}$	$\frac{545}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
49874	967	1242	$\frac{1}{69}$	$\frac{275}{1242}$	$\frac{68}{207}$	$\frac{139}{414}$	$\Phi_{1242}\ \Phi_{621}\ \Phi_{207}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
49875	967	1071	$\frac{2}{51}$	$\frac{104}{1071}$	$\frac{49}{153}$	$\frac{1}{3}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{119}\ \Phi_{63}\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}\ \Phi_7\ \Phi_1$
49876	967	1377	$\frac{2}{51}$	$\frac{49}{459}$	$\frac{410}{1377}$	$\frac{1}{3}$	$\Phi_{1377}\ \Phi_{81}\ \Phi_{51}\ \Phi_{17}\ \Phi_1$
49877	967	1368	$\frac{2}{57}$	$\frac{55}{456}$	$\frac{401}{1368}$	$\frac{1}{3}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{72}\ \Phi_{57}\ \Phi_{36}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_1$
49878	967	1140	$\frac{2}{57}$	$\frac{173}{1140}$	$\frac{55}{228}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{95}\ \Phi_{60}\ \Phi_{57}\ \Phi_{30}\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
49879	967	1224	$\frac{2}{51}$	$\frac{49}{306}$	$\frac{257}{1224}$	$\frac{1}{3}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
49880	967	1404	$\frac{31}{468}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{437}{1404}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
49881	967	1260	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{293}{1260}$	$\frac{127}{420}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
49882	967	1176	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{209}{1176}$	$\frac{85}{294}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{196}\ \Phi_{168}\ \Phi_{98}\ \Phi_{84}\ \Phi_{56}\ \Phi_{49}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
49883	967	1296	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{103}{432}$	$\frac{329}{1296}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
49884	968	723	$\frac{1}{241}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{120}{241}$	$\Phi_{723}\ \Phi_{241}^2\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
49885	968	967	$\frac{5}{967}$	$\frac{243}{967}$	$\frac{362}{967}$	$\frac{481}{967}$	$\Phi_{967}\ \Phi_1^2$
49886	968	1455	$\frac{3}{485}$	$\frac{122}{485}$	$\frac{1}{3}$	$\frac{241}{485}$	$\Phi_{1455}\ \Phi_{291}\ \Phi_{15}$
49887	968	1680	$\frac{1}{120}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{119}{240}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}^2\ \Phi_{112}\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_7\ \Phi_1^2$
49888	968	240	$\frac{1}{120}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{119}{240}$	$\Phi_{240}^8\ \Phi_{80}^8\ \Phi_{48}^8\ \Phi_{16}^8\ \Phi_{15}$
49889	968	291	$\frac{1}{97}$	$\frac{49}{291}$	$\frac{1}{3}$	$\frac{48}{97}$	$\Phi_{291}^3\ \Phi_{97}^4\ \Phi_3^2\ \Phi_1^4$
49890	968	1740	$\frac{1}{87}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{43}{87}$	$\Phi_{1740}\ \Phi_{580}\ \Phi_{348}\ \Phi_{116}\ \Phi_{87}\ \Phi_{60}\ \Phi_{29}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
49891	968	435	$\frac{1}{87}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{43}{87}$	$\Phi_{435}^2\ \Phi_{145}^2\ \Phi_{87}^3\ \Phi_{29}^3\ \Phi_{15}^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
49892	968	810	$\frac{1}{81}$	$\frac{1}{5}$	$\frac{41}{162}$	$\frac{40}{81}$	$\Phi_{810}^2\ \Phi_{405}\ \Phi_{270}^2\ \Phi_{135}\ \Phi_{90}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
49893	968	903	$\frac{1}{43}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{21}{43}$	$\Phi_{903}\ \Phi_{301}\ \Phi_{129}\ \Phi_{43}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
49894	968	516	$\frac{1}{43}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{516}^2\ \Phi_{258}^2\ \Phi_{172}^2\ \Phi_{129}\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
49895	968	602	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{21}{43}$	$\Phi_{602}^2\ \Phi_{301}\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
49896	968	967	$\frac{23}{967}$	$\frac{45}{967}$	$\frac{461}{967}$	$\frac{472}{967}$	$\Phi_{967}\ \Phi_1^2$
49897	968	1068	$\frac{3}{89}$	$\frac{1}{12}$	$\frac{23}{89}$	$\frac{43}{89}$	$\Phi_{1068}\ \Phi_{534}\ \Phi_{356}\ \Phi_{267}\ \Phi_{178}$
49898	968	1170	$\frac{4}{117}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{113}{234}$	$\Phi_{1170}^2\ \Phi_{390}^2\ \Phi_{130}^2\ \Phi_{90}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
49899	968	135	$\frac{1}{27}$	$\frac{14}{135}$	$\frac{1}{5}$	$\frac{13}{27}$	$\Phi_{135}^7\ \Phi_{45}^7\ \Phi_{27}^8\ \Phi_{15}^7\ \Phi_9^8\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
49900	968	967	$\frac{41}{967}$	$\frac{65}{967}$	$\frac{252}{967}$	$\frac{463}{967}$	$\Phi_{967}\ \Phi_1^2$
49901	968	1455	$\frac{21}{485}$	$\frac{23}{485}$	$\frac{1}{3}$	$\frac{232}{485}$	$\Phi_{1455}\ \Phi_{291}\ \Phi_{15}$
49902	968	483	$\frac{1}{23}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{483}^2\ \Phi_{161}^2\ \Phi_{69}^3\ \Phi_{23}^2$
49903	968	903	$\frac{1}{21}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{10}{21}$	$\Phi_{903}\ \Phi_{301}\ \Phi_{129}\ \Phi_{43}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
49904	968	420	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^2\ \Phi_{70}^3\ \Phi_{60}^4\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
49905	968	345	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{345}^3\ \Phi_{115}^3\ \Phi_{69}^3\ \Phi_{23}^2$
49906	968	967	$\frac{47}{967}$	$\frac{67}{967}$	$\frac{230}{967}$	$\frac{450}{967}$	$\Phi_{967}\ \Phi_1^2$
49907	968	1068	$\frac{7}{89}$	$\frac{1}{12}$	$\frac{12}{89}$	$\frac{41}{89}$	$\Phi_{1068}\ \Phi_{534}\ \Phi_{356}\ \Phi_{267}\ \Phi_{178}$
49908	968	967	$\frac{76}{967}$	$\frac{81}{967}$	$\frac{131}{967}$	$\frac{443}{967}$	$\Phi_{967}\ \Phi_1^2$
49909	968	405	$\frac{4}{81}$	$\frac{7}{81}$	$\frac{1}{5}$	$\frac{37}{81}$	$\Phi_{405}^3\ \Phi_{135}^3\ \Phi_{45}^3\ \Phi_{15}^3\ \Phi_5^2$
49910	968	967	$\frac{32}{967}$	$\frac{85}{967}$	$\frac{263}{967}$	$\frac{441}{967}$	$\Phi_{967}\ \Phi_1^2$
49911	968	1455	$\frac{12}{485}$	$\frac{43}{485}$	$\frac{1}{3}$	$\frac{221}{485}$	$\Phi_{1455}\ \Phi_{291}\ \Phi_{15}$
49912	968	180	$\frac{1}{45}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{180}^{10}\ \Phi_{60}^9\ \Phi_{45}^2\ \Phi_{36}^{10}\ \Phi_{20}^{10}\ \Phi_{15}^2\ \Phi_{12}^9\ \Phi_9^2\ \Phi_5^2\ \Phi_4^{10}\ \Phi_3\ \Phi_1^2$
49913	968	580	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{7}{29}$	$\frac{9}{20}$	$\Phi_{580}^3\ \Phi_{116}^3\ \Phi_{29}^3\ \Phi_{20}^4\ \Phi_4^4\ \Phi_1^4$
49914	968	460	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{460}^4\ \Phi_{115}\ \Phi_{92}^4$
49915	968	1740	$\frac{7}{87}$	$\frac{1}{10}$	$\frac{10}{87}$	$\frac{9}{20}$	$\Phi_{1740}\ \Phi_{580}\ \Phi_{348}\ \Phi_{116}\ \Phi_{87}\ \Phi_{60}\ \Phi_{29}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
49916	968	180	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{180}^5\ \Phi_{90}^6\ \Phi_{60}^3\ \Phi_{45}^6\ \Phi_{36}^8\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^9\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_9^8\ \Phi_6^6\ \Phi_5^4\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
49917	968	630	$\frac{5}{126}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
49918	968	621	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{621}^2\ \Phi_{207}\ \Phi_{69}$
49919	968	1080	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{1}{5}$	$\frac{95}{216}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{135}\ \Phi_{120}^2\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{15}$
49920	968	861	$\frac{2}{123}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{861}\ \Phi_{287}\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_7\ \Phi_1^2$
49921	968	1260	$\frac{1}{60}$	$\frac{1}{7}$	$\frac{59}{180}$	$\frac{3}{7}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}^2\ \Phi_{126}\ \Phi_{90}^2\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
49922	968	868	$\frac{3}{124}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{868}\ \Phi_{434}\ \Phi_{217}\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_7\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
49923	968	1120	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{39}{160}$	$\frac{3}{7}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{224}\ \Phi_{160}^2\ \Phi_{112}\ \Phi_{80}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_7\ \Phi_1^2$
49924	968	875	$\frac{4}{125}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{875}\ \Phi_{175}\ \Phi_{125}^2\ \Phi_{25}^2\ \Phi_7\ \Phi_1^2$
49925	968	1050	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{29}{150}$	$\frac{3}{7}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{175}\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_7\ \Phi_1^2$
49926	968	126	$\frac{5}{126}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{126}^8\ \Phi_{63}^8\ \Phi_{42}^7\ \Phi_{21}^7\ \Phi_{18}^8\ \Phi_{14}^7\ \Phi_9^8\ \Phi_7^8\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^8$
49927	968	1008	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{23}{144}$	$\frac{3}{7}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}^2\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
49928	968	140	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{140}^7\ \Phi_{70}^7\ \Phi_{35}^7\ \Phi_{28}^7\ \Phi_{20}^6\ \Phi_{14}^7\ \Phi_{10}^6\ \Phi_7^8\ \Phi_5^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^8$
49929	968	896	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}^2\ \Phi_{112}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_7\ \Phi_1^2$
49930	968	945	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}^2\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
49931	968	910	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{910}\ \Phi_{455}\ \Phi_{182}\ \Phi_{130}^2\ \Phi_{91}\ \Phi_{65}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_1^2$
49932	968	84	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{84}^{10}\ \Phi_{42}^{10}\ \Phi_{28}^{10}\ \Phi_{21}^{10}\ \Phi_{14}^{10}\ \Phi_{12}^{20}\ \Phi_7^{11}\ \Phi_6^{20}\ \Phi_4^{20}\ \Phi_3^{20}\ \Phi_2^{20}\ \Phi_1^{22}$
49933	968	735	$\frac{3}{245}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{735}^2\ \Phi_{147}^2\ \Phi_{105}^2\ \Phi_{21}^2\ \Phi_{15}$
49934	968	575	$\frac{1}{23}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{575}^2\ \Phi_{115}$
49935	968	1602	$\frac{1}{89}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1602}\ \Phi_{534}\ \Phi_{267}\ \Phi_{178}$
49936	968	414	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{414}^4\ \Phi_{207}\ \Phi_{138}^4\ \Phi_{69}\ \Phi_{46}^4$
49937	968	967	$\frac{54}{967}$	$\frac{83}{967}$	$\frac{221}{967}$	$\frac{373}{967}$	$\Phi_{967}\ \Phi_1^2$
49938	968	1068	$\frac{5}{89}$	$\frac{1}{12}$	$\frac{21}{89}$	$\frac{34}{89}$	$\Phi_{1068}\ \Phi_{534}\ \Phi_{356}\ \Phi_{267}\ \Phi_{178}$
49939	968	582	$\frac{1}{97}$	$\frac{24}{97}$	$\frac{1}{3}$	$\frac{73}{194}$	$\Phi_{582}^4\ \Phi_{291}\ \Phi_6^4$
49940	968	1424	$\frac{1}{89}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1424}\ \Phi_{356}\ \Phi_{178}$
49941	968	366	$\frac{1}{122}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{366}^3\ \Phi_{183}^3\ \Phi_{122}^2\ \Phi_{61}^2\ \Phi_6^3\ \Phi_2^2$
49942	968	615	$\frac{2}{123}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{615}^2\ \Phi_{205}^2\ \Phi_{15}$
49943	968	723	$\frac{10}{241}$	$\frac{21}{241}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{723}\ \Phi_{241}^2\ \Phi_3^2\ \Phi_1^4$
49944	968	276	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{276}^4\ \Phi_{138}^4\ \Phi_{92}^4\ \Phi_{69}^3\ \Phi_{46}^4\ \Phi_{23}^2$
49945	968	180	$\frac{1}{60}$	$\frac{1}{5}$	$\frac{59}{180}$	$\frac{1}{3}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{45}^8\ \Phi_{36}^8\ \Phi_{18}^8\ \Phi_{15}\ \Phi_9^8$
49946	968	1449	$\frac{1}{23}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{1449}\ \Phi_{207}\ \Phi_{69}$
49947	968	45	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{45}^{22}\ \Phi_{15}^{21}\ \Phi_9^{22}\ \Phi_5^{20}\ \Phi_3^{20}\ \Phi_1^{20}$
49948	968	1860	$\frac{3}{124}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{465}\ \Phi_{15}$
49949	968	480	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{39}{160}$	$\frac{1}{3}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{96}^4\ \Phi_{48}^4\ \Phi_{15}$
49950	968	516	$\frac{3}{43}$	$\frac{1}{12}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{516}^2\ \Phi_{258}^2\ \Phi_{172}^2\ \Phi_{129}\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
49951	968	1455	$\frac{34}{485}$	$\frac{41}{485}$	$\frac{111}{485}$	$\frac{1}{3}$	$\Phi_{1455}\ \Phi_{291}\ \Phi_{15}$
49952	968	966	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{966}^2\ \Phi_{483}\ \Phi_{138}^2\ \Phi_{69}^2$
49953	968	375	$\frac{4}{125}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{375}^4\ \Phi_{75}^4\ \Phi_{15}$
49954	968	150	$\frac{1}{30}$	$\frac{29}{150}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{150}^8\ \Phi_{75}^8\ \Phi_{50}^8\ \Phi_{25}^8\ \Phi_{15}$
49955	968	630	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{15}$
49956	968	720	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{45}^2\ \Phi_{15}$
49957	968	420	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{15}$
49958	968	255	$\frac{13}{255}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{255}^4\ \Phi_{85}^4\ \Phi_{51}^4\ \Phi_{17}^4\ \Phi_{15}$
49959	968	1920	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{15}$
49960	968	135	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{135}^8\ \Phi_{45}^8\ \Phi_{27}^8\ \Phi_{15}\ \Phi_9^8$
49961	968	390	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{78}^4\ \Phi_{39}^4\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
49962	968	60	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{60}^{20}\ \Phi_{30}^{20}\ \Phi_{20}^{20}\ \Phi_{15}^{21}\ \Phi_{10}^{20}\ \Phi_{5}^{20}$
49963	968	1755	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{109}{351}$	$\Phi_{1755}\ \Phi_{135}\ \Phi_{45}\ \Phi_{15}$
49964	968	435	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{7}{29}$	$\frac{4}{15}$	$\Phi_{435}^{3}\ \Phi_{87}^{3}\ \Phi_{29}^{3}\ \Phi_{15}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
49965	968	345	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{345}^{4}\ \Phi_{115}\ \Phi_{69}^{4}$
49966	968	435	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{435}^{2}\ \Phi_{145}^{2}\ \Phi_{87}^{3}\ \Phi_{29}^{3}\ \Phi_{15}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
49967	968	180	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{180}^{6}\ \Phi_{90}^{6}\ \Phi_{60}^{4}\ \Phi_{45}^{4}\ \Phi_{36}^{9}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{18}^{9}\ \Phi_{15}^{3}\ \Phi_{12}^{6}\ \Phi_{10}^{4}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{2}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{4}$
49968	968	810	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{13}{54}$	$\frac{41}{162}$	$\Phi_{810}^{2}\ \Phi_{405}^{2}\ \Phi_{135}\ \Phi_{45}\ \Phi_{15}$
49969	968	602	$\frac{3}{43}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{10}{43}$	$\Phi_{602}^{2}\ \Phi_{301}\ \Phi_{86}^{2}\ \Phi_{43}^{2}\ \Phi_{14}^{4}\ \Phi_{7}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
49970	968	420	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{3}\ \Phi_{105}^{3}\ \Phi_{70}\ \Phi_{60}^{4}\ \Phi_{35}^{2}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$
49971	969	1284	$\frac{2}{321}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{319}{642}$	$\Phi_{1284}\ \Phi_{428}\ \Phi_{321}\ \Phi_{107}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
49972	969	432	$\frac{1}{108}$	$\frac{1}{4}$	$\frac{109}{432}$	$\frac{107}{216}$	$\Phi_{432}^{3}\ \Phi_{144}^{3}\ \Phi_{108}^{3}\ \Phi_{54}^{3}\ \Phi_{48}^{3}\ \Phi_{36}^{3}\ \Phi_{27}^{3}\ \Phi_{18}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
49973	969	640	$\frac{3}{320}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{317}{640}$	$\Phi_{640}^{3}\ \Phi_{128}^{3}\ \Phi_{16}\ \Phi_{1}$
49974	969	640	$\frac{3}{320}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{317}{640}$	$\Phi_{640}^{3}\ \Phi_{128}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
49975	969	1760	$\frac{1}{88}$	$\frac{89}{880}$	$\frac{791}{1760}$	$\frac{87}{176}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
49976	969	636	$\frac{5}{318}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{313}{636}$	$\Phi_{636}\ \Phi_{318}^{2}\ \Phi_{212}\ \Phi_{159}^{2}\ \Phi_{106}^{2}\ \Phi_{53}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
49977	969	224	$\frac{1}{56}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{55}{112}$	$\Phi_{224}^{8}\ \Phi_{112}\ \Phi_{32}^{9}\ \Phi_{16}\ \Phi_{1}$
49978	969	336	$\frac{1}{56}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{55}{112}$	$\Phi_{336}^{8}\ \Phi_{112}\ \Phi_{48}^{8}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
49979	969	560	$\frac{1}{56}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{55}{112}$	$\Phi_{560}^{4}\ \Phi_{112}\ \Phi_{80}^{4}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
49980	969	900	$\frac{1}{50}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{49}{100}$	$\Phi_{450}^{2}\ \Phi_{225}^{2}\ \Phi_{150}^{2}\ \Phi_{100}\ \Phi_{90}^{2}\ \Phi_{75}^{2}\ \Phi_{50}^{2}\ \Phi_{45}^{2}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{25}^{2}\ \Phi_{20}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
49981	969	2100	$\frac{1}{50}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
49982	969	2700	$\frac{1}{50}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{49}{100}$	$\Phi_{2700}\ \Phi_{540}\ \Phi_{108}\ \Phi_{100}\ \Phi_{27}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
49983	969	600	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{49}{100}$	$\Phi_{600}^{2}\ \Phi_{200}^{2}\ \Phi_{150}^{2}\ \Phi_{120}^{2}\ \Phi_{100}\ \Phi_{75}^{2}\ \Phi_{50}^{2}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{25}^{3}\ \Phi_{24}^{3}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
49984	969	1260	$\frac{8}{315}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{307}{630}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}^{2}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
49985	969	360	$\frac{1}{36}$	$\frac{37}{360}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{60}^{3}\ \Phi_{45}^{3}\ \Phi_{40}^{3}\ \Phi_{36}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{18}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
49986	969	624	$\frac{11}{312}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{301}{624}$	$\Phi_{624}^{3}\ \Phi_{208}^{3}\ \Phi_{48}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
49987	969	110	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{53}{110}$	$\Phi_{110}^{6}\ \Phi_{55}^{11}\ \Phi_{22}^{8}\ \Phi_{11}^{12}\ \Phi_{10}^{6}\ \Phi_{5}^{11}\ \Phi_{2}^{8}\ \Phi_{1}^{13}$
49988	969	616	$\frac{1}{22}$	$\frac{15}{308}$	$\frac{7}{22}$	$\frac{293}{616}$	$\Phi_{616}^{3}\ \Phi_{88}^{3}\ \Phi_{56}^{3}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
49989	969	900	$\frac{1}{25}$	$\frac{1}{18}$	$\frac{8}{25}$	$\frac{17}{36}$	$\Phi_{900}^{2}\ \Phi_{300}^{2}\ \Phi_{180}^{2}\ \Phi_{100}^{2}\ \Phi_{60}^{2}\ \Phi_{36}^{3}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
49990	969	36	$\frac{1}{18}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{36}^{19}\ \Phi_{18}^{35}\ \Phi_{12}^{19}\ \Phi_{9}^{35}\ \Phi_{6}^{35}\ \Phi_{4}^{18}\ \Phi_{3}^{35}\ \Phi_{2}^{34}\ \Phi_{1}^{35}$
49991	969	1980	$\frac{1}{18}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{132}\ \Phi_{55}\ \Phi_{44}\ \Phi_{36}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
49992	969	180	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{36}$	$\Phi_{180}^{4}\ \Phi_{90}^{6}\ \Phi_{60}^{4}\ \Phi_{45}^{6}\ \Phi_{36}^{5}\ \Phi_{30}^{6}\ \Phi_{20}^{7}\ \Phi_{18}^{6}\ \Phi_{15}^{6}\ \Phi_{12}^{5}\ \Phi_{10}^{8}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
49993	969	224	$\frac{1}{28}$	$\frac{1}{16}$	$\frac{9}{28}$	$\frac{15}{32}$	$\Phi_{224}^{8}\ \Phi_{32}^{9}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
49994	969	160	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{160}^{12}\ \Phi_{32}^{9}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
49995	969	1120	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{15}{32}$	$\Phi_{1120}^{2}\ \Phi_{160}^{2}\ \Phi_{70}\ \Phi_{35}\ \Phi_{32}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
49996	969	672	$\frac{1}{16}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{672}^{3}\ \Phi_{224}^{2}\ \Phi_{96}^{3}\ \Phi_{32}^{3}\ \Phi_{21}^{3}\ \Phi_{7}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
49997	969	64	$\frac{1}{16}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{15}{32}$	$\Phi_{64}^{17}\ \Phi_{32}^{10}\ \Phi_{16}^{17}\ \Phi_{8}^{16}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
49998	969	440	$\frac{1}{22}$	$\frac{7}{110}$	$\frac{117}{440}$	$\frac{103}{220}$	$\Phi_{440}^{3}\ \Phi_{110}^{3}\ \Phi_{88}^{3}\ \Phi_{55}^{3}\ \Phi_{40}^{3}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
49999	969	336	$\frac{13}{336}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{336}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{3}\ \Phi_{84}^{3}\ \Phi_{56}^{3}\ \Phi_{48}^{3}\ \Phi_{42}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{16}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
50000	969	1188	$\frac{1}{27}$	$\frac{26}{297}$	$\frac{1}{4}$	$\frac{271}{594}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{297}\ \Phi_{132}\ \Phi_{108}^{2}\ \Phi_{99}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}^{2}\ \Phi_{33}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
50001	969	1760	$\frac{1}{22}$	$\frac{89}{880}$	$\frac{21}{110}$	$\frac{791}{1760}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{160}\ \Phi_{110}\ \Phi_{55}\ \Phi_{32}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
50002	969	396	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{73}{396}$	$\frac{59}{132}$	$\Phi_{396}^{3}\ \Phi_{198}^{3}\ \Phi_{99}^{3}\ \Phi_{66}^{3}\ \Phi_{36}^{3}\ \Phi_{33}^{3}\ \Phi_{22}^{2}\ \Phi_{18}^{3}\ \Phi_{11}^{2}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
50003	969	576	$\frac{1}{36}$	$\frac{35}{288}$	$\frac{1}{4}$	$\frac{253}{576}$	$\Phi_{576}^{3}\ \Phi_{192}^{3}\ \Phi_{64}^{3}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
50004	969	480	$\frac{3}{160}$	$\frac{1}{8}$	$\frac{157}{480}$	$\frac{7}{16}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{120}^{3}\ \Phi_{96}^{3}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{16}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}$
50005	969	992	$\frac{23}{992}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{992}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{31}\ \Phi_{16}\ \Phi_{1}$
50006	969	1280	$\frac{9}{320}$	$\frac{1}{8}$	$\frac{311}{1280}$	$\frac{7}{16}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{256}\ \Phi_{128}\ \Phi_{16}\ \Phi_{1}$
50007	969	400	$\frac{3}{80}$	$\frac{1}{8}$	$\frac{77}{400}$	$\frac{7}{16}$	$\Phi_{400}^{3}\ \Phi_{200}^{3}\ \Phi_{100}^{3}\ \Phi_{50}^{3}\ \Phi_{25}^{3}\ \Phi_{16}\ \Phi_{1}$
50008	969	336	$\frac{13}{336}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{336}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{3}\ \Phi_{84}^{3}\ \Phi_{56}^{3}\ \Phi_{48}^{3}\ \Phi_{42}^{3}\ \Phi_{28}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{16}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}$
50009	969	384	$\frac{3}{64}$	$\frac{1}{8}$	$\frac{61}{384}$	$\frac{7}{16}$	$\Phi_{384}^{3}\ \Phi_{192}^{3}\ \Phi_{128}^{3}\ \Phi_{96}^{3}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{16}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}$
50010	969	1024	$\frac{55}{1024}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{16}\ \Phi_{1}$
50011	969	1120	$\frac{9}{160}$	$\frac{1}{8}$	$\frac{151}{1120}$	$\frac{7}{16}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
50012	969	1040	$\frac{71}{1040}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
50013	969	352	$\frac{29}{352}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{352}^{3}\ \Phi_{176}^{3}\ \Phi_{88}^{3}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{16}\ \Phi_{11}^{3}\ \Phi_{1}$
50014	969	870	$\frac{1}{58}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}\ \Phi_{174}^{2}\ \Phi_{145}\ \Phi_{87}^{2}\ \Phi_{58}\ \Phi_{29}\ \Phi_{15}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
50015	969	88	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{7}{44}$	$\frac{37}{88}$	$\Phi_{88}^{19}\ \Phi_{22}^{6}\ \Phi_{11}^{6}\ \Phi_{8}^{19}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
50016	969	696	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{696}^{2}\ \Phi_{232}^{2}\ \Phi_{174}^{2}\ \Phi_{87}^{2}\ \Phi_{58}\ \Phi_{29}\ \Phi_{24}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
50017	969	416	$\frac{1}{52}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{416}^{4}\ \Phi_{52}^{3}\ \Phi_{32}^{3}\ \Phi_{26}^{3}\ \Phi_{13}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
50018	969	1100	$\frac{1}{22}$	$\frac{131}{1100}$	$\frac{21}{110}$	$\frac{89}{220}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{110}\ \Phi_{100}\ \Phi_{55}\ \Phi_{50}\ \Phi_{25}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
50019	969	540	$\frac{1}{54}$	$\frac{53}{270}$	$\frac{1}{4}$	$\frac{217}{540}$	$\Phi_{540}\ \Phi_{270}^{2}\ \Phi_{180}\ \Phi_{135}^{2}\ \Phi_{108}^{3}\ \Phi_{90}^{2}\ \Phi_{60}\ \Phi_{54}^{3}\ \Phi_{45}^{2}\ \Phi_{36}^{3}\ \Phi_{30}^{2}\ \Phi_{27}^{3}\ \Phi_{20}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
50020	969	528	$\frac{1}{88}$	$\frac{59}{264}$	$\frac{29}{88}$	$\frac{205}{528}$	$\Phi_{528}^{3}\ \Phi_{176}^{3}\ \Phi_{88}^{2}\ \Phi_{48}^{3}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{16}^{3}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
50021	969	528	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{59}{264}$	$\frac{205}{528}$	$\Phi_{528}^{3}\ \Phi_{176}^{3}\ \Phi_{66}^{3}\ \Phi_{48}^{3}\ \Phi_{33}^{3}\ \Phi_{22}^{2}\ \Phi_{16}^{3}\ \Phi_{11}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
50022	969	1408	$\frac{1}{88}$	$\frac{87}{352}$	$\frac{439}{1408}$	$\frac{265}{704}$	$\Phi_{1408}\ \Phi_{352}\ \Phi_{176}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
50023	969	328	$\frac{5}{328}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{328}^{3}\ \Phi_{164}^{3}\ \Phi_{82}^{3}\ \Phi_{41}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
50024	969	312	$\frac{1}{52}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^{4}\ \Phi_{156}^{4}\ \Phi_{78}^{4}\ \Phi_{52}^{3}\ \Phi_{39}^{4}\ \Phi_{26}^{3}\ \Phi_{24}^{3}\ \Phi_{13}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
50025	969	280	$\frac{1}{20}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^{4}\ \Phi_{140}^{4}\ \Phi_{70}^{4}\ \Phi_{56}^{3}\ \Phi_{35}^{4}\ \Phi_{28}^{3}\ \Phi_{20}^{3}\ \Phi_{14}^{3}\ \Phi_{10}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
50026	969	780	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}^{2}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}^{2}\ \Phi_{78}\ \Phi_{65}^{2}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
50027	969	260	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{260}^{4}\ \Phi_{130}^{4}\ \Phi_{65}^{4}\ \Phi_{52}^{4}\ \Phi_{26}\ \Phi_{20}^{3}\ \Phi_{13}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
50028	969	352	$\frac{1}{22}$	$\frac{29}{352}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{352}^{3}\ \Phi_{176}^{3}\ \Phi_{88}^{3}\ \Phi_{32}^{3}\ \Phi_{22}^{2}\ \Phi_{16}^{3}\ \Phi_{11}^{2}\ \Phi_{8}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
50029	969	972	$\frac{1}{81}$	$\frac{1}{4}$	$\frac{80}{243}$	$\frac{163}{486}$	$\Phi_{972}\ \Phi_{324}^{2}\ \Phi_{243}\ \Phi_{162}\ \Phi_{108}^{2}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}^{2}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
50030	969	484	$\frac{1}{121}$	$\frac{40}{121}$	$\frac{161}{484}$	$\frac{81}{242}$	$\Phi_{484}^{3}\,\Phi_{121}^{2}\,\Phi_{44}^{3}\,\Phi_{11}^{2}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
50031	969	525	$\frac{1}{25}$	$\frac{2}{21}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{525}^{2}\,\Phi_{175}^{2}\,\Phi_{105}^{2}\,\Phi_{35}^{2}\,\Phi_{25}^{2}\,\Phi_{21}^{3}\,\Phi_{7}^{3}\,\Phi_{5}^{2}\,\Phi_{1}^{3}$
50032	969	252	$\frac{1}{18}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^{6}\,\Phi_{126}^{3}\,\Phi_{84}^{5}\,\Phi_{63}^{3}\,\Phi_{42}^{2}\,\Phi_{36}^{2}\,\Phi_{28}^{5}\,\Phi_{21}^{3}\,\Phi_{18}\,\Phi_{14}^{2}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{7}^{3}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
50033	969	1155	$\frac{4}{55}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1155}\,\Phi_{385}\,\Phi_{231}\,\Phi_{77}\,\Phi_{55}\,\Phi_{21}\,\Phi_{11}\,\Phi_{7}\,\Phi_{1}$
50034	969	420	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{3}$	$\Phi_{420}^{3}\,\Phi_{210}^{2}\,\Phi_{140}^{3}\,\Phi_{105}^{2}\,\Phi_{84}^{3}\,\Phi_{70}^{2}\,\Phi_{42}^{2}\,\Phi_{35}^{2}\,\Phi_{28}^{3}\,\Phi_{21}^{3}\,\Phi_{20}^{3}\,\Phi_{14}^{2}\,\Phi_{10}^{2}\,\Phi_{7}^{3}\,\Phi_{5}^{2}\,\Phi_{4}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
50035	969	480	$\frac{3}{160}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{157}{480}$	$\Phi_{480}^{3}\,\Phi_{240}^{3}\,\Phi_{120}^{3}\,\Phi_{96}^{3}\,\Phi_{60}^{3}\,\Phi_{48}^{3}\,\Phi_{30}^{3}\,\Phi_{24}^{3}\,\Phi_{15}^{3}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
50036	969	168	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{9}{28}$	$\Phi_{168}^{8}\,\Phi_{84}^{8}\,\Phi_{42}^{8}\,\Phi_{28}^{2}\,\Phi_{24}^{9}\,\Phi_{21}^{8}\,\Phi_{14}^{2}\,\Phi_{12}^{9}\,\Phi_{7}^{2}\,\Phi_{6}^{9}\,\Phi_{4}^{2}\,\Phi_{3}^{9}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
50037	969	140	$\frac{1}{28}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{9}{28}$	$\Phi_{140}^{8}\,\Phi_{70}^{8}\,\Phi_{35}^{8}\,\Phi_{28}^{2}\,\Phi_{20}^{9}\,\Phi_{14}^{2}\,\Phi_{10}^{9}\,\Phi_{7}^{2}\,\Phi_{5}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
50038	969	675	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{8}{25}$	$\Phi_{675}^{2}\,\Phi_{135}^{2}\,\Phi_{27}^{3}\,\Phi_{25}^{2}\,\Phi_{5}^{2}\,\Phi_{1}^{3}$
50039	969	600	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{8}{25}$	$\Phi_{600}^{2}\,\Phi_{300}^{2}\,\Phi_{200}^{2}\,\Phi_{120}^{2}\,\Phi_{100}^{2}\,\Phi_{60}^{2}\,\Phi_{40}^{2}\,\Phi_{25}^{2}\,\Phi_{24}^{3}\,\Phi_{20}^{2}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{5}^{2}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
50040	969	462	$\frac{1}{22}$	$\frac{15}{154}$	$\frac{139}{462}$	$\frac{7}{22}$	$\Phi_{462}^{3}\,\Phi_{231}^{3}\,\Phi_{66}^{3}\,\Phi_{42}^{3}\,\Phi_{33}^{3}\,\Phi_{22}^{2}\,\Phi_{21}^{3}\,\Phi_{11}^{2}\,\Phi_{6}^{3}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
50041	969	22	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{5}{22}$	$\frac{7}{22}$	$\Phi_{22}^{44}\,\Phi_{11}^{44}\,\Phi_{2}^{44}\,\Phi_{1}^{45}$
50042	969	468	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{145}{468}$	$\Phi_{468}^{3}\,\Phi_{234}^{3}\,\Phi_{117}^{3}\,\Phi_{36}^{3}\,\Phi_{18}^{3}\,\Phi_{12}^{3}\,\Phi_{9}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
50043	969	108	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{108}^{17}\,\Phi_{54}^{8}\,\Phi_{36}^{2}\,\Phi_{27}^{9}\,\Phi_{18}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
50044	969	1485	$\frac{4}{55}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{1485}\,\Phi_{297}\,\Phi_{55}\,\Phi_{27}\,\Phi_{11}\,\Phi_{1}$
50045	969	540	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{8}{27}$	$\Phi_{540}^{3}\,\Phi_{270}^{2}\,\Phi_{135}^{2}\,\Phi_{108}^{3}\,\Phi_{54}^{2}\,\Phi_{27}^{3}\,\Phi_{20}^{3}\,\Phi_{10}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
50046	969	120	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{120}^{12}\,\Phi_{60}^{12}\,\Phi_{30}^{12}\,\Phi_{24}^{9}\,\Phi_{20}^{3}\,\Phi_{15}^{12}\,\Phi_{12}^{9}\,\Phi_{10}^{3}\,\Phi_{6}^{9}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{9}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
50047	969	840	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{70}$	$\frac{7}{24}$	$\Phi_{840}^{2}\,\Phi_{420}^{2}\,\Phi_{210}^{2}\,\Phi_{120}^{2}\,\Phi_{105}^{2}\,\Phi_{70}\,\Phi_{60}^{2}\,\Phi_{35}\,\Phi_{30}^{2}\,\Phi_{24}\,\Phi_{15}^{2}\,\Phi_{12}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
50048	969	168	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{168}^{5}\,\Phi_{84}^{5}\,\Phi_{56}^{6}\,\Phi_{42}^{5}\,\Phi_{28}^{6}\,\Phi_{24}^{6}\,\Phi_{21}^{8}\,\Phi_{14}^{6}\,\Phi_{12}^{6}\,\Phi_{8}^{6}\,\Phi_{7}^{8}\,\Phi_{6}^{6}\,\Phi_{4}^{6}\,\Phi_{3}^{9}\,\Phi_{2}^{6}\,\Phi_{1}^{9}$
50049	969	192	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{192}^{8}\,\Phi_{96}^{8}\,\Phi_{64}\,\Phi_{48}^{8}\,\Phi_{32}\,\Phi_{24}\,\Phi_{16}\,\Phi_{12}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
50050	969	440	$\frac{1}{22}$	$\frac{21}{110}$	$\frac{89}{440}$	$\frac{117}{440}$	$\Phi_{440}^{2}\,\Phi_{220}^{2}\,\Phi_{110}^{3}\,\Phi_{88}^{2}\,\Phi_{55}^{3}\,\Phi_{44}^{2}\,\Phi_{40}^{2}\,\Phi_{22}^{2}\,\Phi_{20}^{2}\,\Phi_{11}^{2}\,\Phi_{10}^{3}\,\Phi_{8}^{2}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
50051	969	432	$\frac{1}{36}$	$\frac{35}{144}$	$\frac{1}{4}$	$\frac{109}{432}$	$\Phi_{432}^{3}\,\Phi_{216}^{3}\,\Phi_{108}^{3}\,\Phi_{54}^{3}\,\Phi_{36}^{3}\,\Phi_{27}^{3}\,\Phi_{18}^{3}\,\Phi_{12}^{3}\,\Phi_{9}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
50052	969	400	$\frac{3}{80}$	$\frac{77}{400}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{400}^{3}\,\Phi_{200}^{3}\,\Phi_{100}^{3}\,\Phi_{50}^{3}\,\Phi_{25}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
50053	969	336	$\frac{13}{336}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{336}^{3}\,\Phi_{168}^{3}\,\Phi_{112}^{3}\,\Phi_{84}^{3}\,\Phi_{56}^{3}\,\Phi_{48}^{3}\,\Phi_{42}^{3}\,\Phi_{28}^{3}\,\Phi_{24}^{3}\,\Phi_{21}^{3}\,\Phi_{14}^{3}\,\Phi_{12}^{3}\,\Phi_{7}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
50054	969	384	$\frac{3}{64}$	$\frac{61}{384}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{384}^{3}\,\Phi_{192}^{3}\,\Phi_{128}^{3}\,\Phi_{96}^{3}\,\Phi_{48}^{3}\,\Phi_{24}^{3}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
50055	969	20	$\frac{1}{20}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{20}^{48}\,\Phi_{10}^{48}\,\Phi_{5}^{48}\,\Phi_{4}^{50}\,\Phi_{2}^{50}\,\Phi_{1}^{51}$
50056	969	360	$\frac{3}{40}$	$\frac{37}{360}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{360}^{3}\,\Phi_{180}^{3}\,\Phi_{120}^{3}\,\Phi_{90}^{3}\,\Phi_{72}^{3}\,\Phi_{60}^{3}\,\Phi_{45}^{3}\,\Phi_{36}^{3}\,\Phi_{30}^{3}\,\Phi_{24}^{3}\,\Phi_{18}^{3}\,\Phi_{15}^{3}\,\Phi_{12}^{3}\,\Phi_{9}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
50057	969	352	$\frac{29}{352}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{352}^{3}\,\Phi_{176}^{3}\,\Phi_{88}^{3}\,\Phi_{44}^{3}\,\Phi_{22}^{3}\,\Phi_{11}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
50058	969	72	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{72}^{18}\,\Phi_{36}^{8}\,\Phi_{24}^{15}\,\Phi_{18}^{13}\,\Phi_{12}^{7}\,\Phi_{9}^{13}\,\Phi_{8}^{15}\,\Phi_{6}^{11}\,\Phi_{4}^{6}\,\Phi_{3}^{11}\,\Phi_{2}^{10}\,\Phi_{1}^{11}$
50059	969	320	$\frac{1}{20}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{320}^{4}\,\Phi_{160}^{4}\,\Phi_{64}^{3}\,\Phi_{32}^{3}\,\Phi_{20}^{3}\,\Phi_{10}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
50060	969	140	$\frac{1}{14}$	$\frac{3}{20}$	$\frac{13}{70}$	$\frac{1}{4}$	$\Phi_{140}^{6}\,\Phi_{70}^{7}\,\Phi_{35}^{7}\,\Phi_{28}^{8}\,\Phi_{20}^{7}\,\Phi_{14}^{8}\,\Phi_{10}^{8}\,\Phi_{7}^{8}\,\Phi_{5}^{8}\,\Phi_{4}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
50061	969	360	$\frac{37}{360}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{360}^{3}\,\Phi_{180}^{2}\,\Phi_{120}^{3}\,\Phi_{90}^{2}\,\Phi_{72}^{3}\,\Phi_{60}^{2}\,\Phi_{45}^{3}\,\Phi_{40}^{3}\,\Phi_{36}^{3}\,\Phi_{30}^{2}\,\Phi_{24}^{3}\,\Phi_{20}^{2}\,\Phi_{18}^{3}\,\Phi_{15}^{3}\,\Phi_{12}^{3}\,\Phi_{10}^{2}\,\Phi_{9}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
50062	969	420	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{420}^{3}\,\Phi_{210}^{3}\,\Phi_{140}^{2}\,\Phi_{105}^{3}\,\Phi_{70}^{2}\,\Phi_{60}^{3}\,\Phi_{35}^{2}\,\Phi_{30}^{3}\,\Phi_{21}^{3}\,\Phi_{20}^{3}\,\Phi_{15}^{3}\,\Phi_{10}^{3}\,\Phi_{7}^{2}\,\Phi_{5}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
50063	969	320	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{320}^4\ \Phi_{160}^4\ \Phi_{80}^4\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
50064	969	756	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{378}$	$\frac{1}{4}$	$\Phi_{756}^2\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}^2\ \Phi_{84}\ \Phi_{63}\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
50065	969	22	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{2}{11}$	$\frac{5}{22}$	$\Phi_{22}^{42}\ \Phi_{11}^{46}\ \Phi_2^{42}\ \Phi_1^{47}$
50066	969	1320	$\frac{4}{55}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{264}\ \Phi_{220}\ \Phi_{132}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{24}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
50067	969	120	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{120}^{10}\ \Phi_{60}^4\ \Phi_{40}^{10}\ \Phi_{30}^6\ \Phi_{24}^{11}\ \Phi_{20}^7\ \Phi_{15}^6\ \Phi_{12}^5\ \Phi_{10}^8\ \Phi_8^{11}\ \Phi_6^6\ \Phi_5^8\ \Phi_4^8\ \Phi_3^6\ \Phi_2^8\ \Phi_1^9$
50068	970	966	$\frac{2}{483}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{481}{966}$	$\Phi_{966}^2\ \Phi_{322}^2\ \Phi_{138}^2\ \Phi_{46}^2\ \Phi_{42}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50069	970	1544	$\frac{1}{193}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{96}{193}$	$\Phi_{1544}\ \Phi_{193}\ \Phi_8^2\ \Phi_1^2$
50070	970	648	$\frac{1}{162}$	$\frac{163}{648}$	$\frac{1}{3}$	$\frac{161}{324}$	$\Phi_{648}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50071	970	963	$\frac{7}{963}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{478}{963}$	$\Phi_{963}\ \Phi_{321}\ \Phi_{107}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
50072	970	576	$\frac{1}{96}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{95}{192}$	$\Phi_{576}^3\ \Phi_{192}^4\ \Phi_{64}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
50073	970	192	$\frac{1}{96}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{95}{192}$	$\Phi_{192}^{10}\ \Phi_{64}^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50074	970	390	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{33}{130}$	$\frac{32}{65}$	$\Phi_{390}^3\ \Phi_{195}^3\ \Phi_{130}\ \Phi_{78}^3\ \Phi_{65}^2\ \Phi_{39}^3\ \Phi_{30}^3\ \Phi_{26}\ \Phi_{15}^3\ \Phi_{13}^2\ \Phi_{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
50075	970	954	$\frac{8}{477}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{469}{954}$	$\Phi_{954}^2\ \Phi_{318}^2\ \Phi_{106}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50076	970	912	$\frac{1}{57}$	$\frac{29}{456}$	$\frac{427}{912}$	$\frac{28}{57}$	$\Phi_{912}^2\ \Phi_{304}^2\ \Phi_{57}\ \Phi_{48}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
50077	970	684	$\frac{1}{57}$	$\frac{29}{228}$	$\frac{199}{684}$	$\frac{28}{57}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{57}\ \Phi_{36}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
50078	970	114	$\frac{1}{57}$	$\frac{17}{114}$	$\frac{29}{114}$	$\frac{28}{57}$	$\Phi_{114}^8\ \Phi_{57}^9\ \Phi_{38}^8\ \Phi_{19}^9\ \Phi_6^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^{10}$
50079	970	108	$\frac{1}{54}$	$\frac{11}{108}$	$\frac{1}{3}$	$\frac{53}{108}$	$\Phi_{108}^8\ \Phi_{54}^{10}\ \Phi_{36}^8\ \Phi_{27}^{10}\ \Phi_{18}^{10}\ \Phi_{12}^8\ \Phi_9^{10}\ \Phi_6^{10}\ \Phi_4^8\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
50080	970	952	$\frac{9}{476}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{467}{952}$	$\Phi_{952}^2\ \Phi_{136}^2\ \Phi_{56}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_1^2$
50081	970	918	$\frac{1}{51}$	$\frac{26}{459}$	$\frac{433}{918}$	$\frac{25}{51}$	$\Phi_{918}^2\ \Phi_{306}^2\ \Phi_{102}^2\ \Phi_{54}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50082	970	612	$\frac{1}{51}$	$\frac{26}{153}$	$\frac{127}{612}$	$\frac{25}{51}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{36}^2\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50083	970	190	$\frac{2}{95}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{93}{190}$	$\Phi_{190}^{10}\ \Phi_{38}^{10}\ \Phi_{19}\ \Phi_{10}^{10}\ \Phi_2^{10}\ \Phi_1^2$
50084	970	570	$\frac{2}{95}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{93}{190}$	$\Phi_{570}^2\ \Phi_{285}^2\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{30}^3\ \Phi_{19}^2\ \Phi_{15}^3\ \Phi_{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
50085	970	234	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{20}{117}$	$\frac{19}{39}$	$\Phi_{234}^6\ \Phi_{117}^4\ \Phi_{78}^3\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{18}^6\ \Phi_{13}^2\ \Phi_9^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50086	970	189	$\frac{5}{189}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{92}{189}$	$\Phi_{189}^5\ \Phi_{63}^5\ \Phi_{27}^6\ \Phi_{21}^5\ \Phi_9^6\ \Phi_7^5\ \Phi_3^5\ \Phi_1^6$
50087	970	936	$\frac{17}{468}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{451}{936}$	$\Phi_{936}^2\ \Phi_{312}^2\ \Phi_{104}^2\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50088	970	187	$\frac{7}{187}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{90}{187}$	$\Phi_{187}^5\ \Phi_{17}^7\ \Phi_{11}^5\ \Phi_1^8$
50089	970	114	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{17}{114}$	$\frac{9}{19}$	$\Phi_{114}^{10}\ \Phi_{57}^{10}\ \Phi_{38}^{10}\ \Phi_{19}\ \Phi_6^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^2$
50090	970	504	$\frac{19}{504}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50091	970	918	$\frac{1}{27}$	$\frac{26}{459}$	$\frac{1}{3}$	$\frac{433}{918}$	$\Phi_{918}^2\ \Phi_{306}^2\ \Phi_{102}^2\ \Phi_{54}^2\ \Phi_{34}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50092	970	714	$\frac{9}{238}$	$\frac{1}{17}$	$\frac{229}{714}$	$\frac{8}{17}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{17}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
50093	970	102	$\frac{5}{102}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{102}^{10}\ \Phi_{51}^{10}\ \Phi_{34}^8\ \Phi_{17}^9\ \Phi_6^{10}\ \Phi_3^{10}\ \Phi_2^8\ \Phi_1^{10}$
50094	970	119	$\frac{1}{17}$	$\frac{9}{119}$	$\frac{22}{119}$	$\frac{8}{17}$	$\Phi_{119}^8\ \Phi_{17}^9\ \Phi_7^8\ \Phi_1^{10}$
50095	970	544	$\frac{1}{17}$	$\frac{59}{544}$	$\frac{9}{68}$	$\frac{8}{17}$	$\Phi_{544}^2\ \Phi_{272}^2\ \Phi_{136}^2\ \Phi_{32}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
50096	970	912	$\frac{1}{19}$	$\frac{29}{456}$	$\frac{9}{38}$	$\frac{427}{912}$	$\Phi_{912}^2\ \Phi_{304}^2\ \Phi_{48}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_2^2\ \Phi_1^2$
50097	970	546	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{85}{182}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{91}^2\ \Phi_{78}^3\ \Phi_{42}^2\ \Phi_{39}^3\ \Phi_{26}\ \Phi_{21}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
50098	970	2002	$\frac{6}{91}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{85}{182}$	$\Phi_{2002}\ \Phi_{286}\ \Phi_{154}\ \Phi_{77}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
50099	970	210	$\frac{1}{15}$	$\frac{8}{105}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{210}^6\ \Phi_{105}^4\ \Phi_{70}^6\ \Phi_{42}^6\ \Phi_{35}^4\ \Phi_{30}^3\ \Phi_{21}^4\ \Phi_{15}^2\ \Phi_{14}^6\ \Phi_{10}^3\ \Phi_7^4\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50100	970	1232	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{15}{112}$	$\frac{13}{28}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{176}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{22}$
50101	970	312	$\frac{7}{104}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{312}^4\ \Phi_{156}^4\ \Phi_{104}^2\ \Phi_{78}^3\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{26}\ \Phi_{24}^4\ \Phi_{13}^2\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
50102	970	180	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{1}{6}$	$\frac{83}{180}$	$\Phi_{180}^{10}\ \Phi_{60}^{10}\ \Phi_{36}^{10}\ \Phi_{30}^3\ \Phi_{20}^{10}\ \Phi_{15}^2\ \Phi_{12}^{10}\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50103	970	891	$\frac{2}{81}$	$\frac{79}{891}$	$\frac{1}{3}$	$\frac{406}{891}$	$\Phi_{891}\ \Phi_{297}\ \Phi_{99}\ \Phi_{81}^2\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
50104	970	99	$\frac{2}{99}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{99}^{10}\ \Phi_{33}^{10}\ \Phi_{11}^{10}\ \Phi_9^8\ \Phi_3^7\ \Phi_1^8$
50105	970	144	$\frac{1}{48}$	$\frac{1}{9}$	$\frac{47}{144}$	$\frac{4}{9}$	$\Phi_{144}^7\ \Phi_{72}^7\ \Phi_{48}^6\ \Phi_{36}^7\ \Phi_{24}^6\ \Phi_{18}^7\ \Phi_{16}^6\ \Phi_{12}^6\ \Phi_9^8\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
50106	970	900	$\frac{3}{100}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{45}\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
50107	970	1152	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{31}{128}$	$\frac{4}{9}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
50108	970	360	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{23}{120}$	$\frac{4}{9}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^4\ \Phi_{90}^3\ \Phi_{60}^4\ \Phi_{45}^3\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
50109	970	306	$\frac{5}{102}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{306}^3\ \Phi_{153}^3\ \Phi_{102}^4\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
50110	970	1008	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{15}{112}$	$\frac{4}{9}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
50111	970	936	$\frac{7}{104}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
50112	970	108	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{108}^{10}\ \Phi_{54}^{10}\ \Phi_{36}^7\ \Phi_{27}^{10}\ \Phi_{18}^7\ \Phi_{12}^6\ \Phi_9^8\ \Phi_6^6\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
50113	970	864	$\frac{1}{54}$	$\frac{53}{432}$	$\frac{1}{3}$	$\frac{379}{864}$	$\Phi_{864}^2\ \Phi_{288}^2\ \Phi_{96}^2\ \Phi_{54}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50114	970	171	$\frac{1}{57}$	$\frac{23}{171}$	$\frac{56}{171}$	$\frac{74}{171}$	$\Phi_{171}^6\ \Phi_{57}^5\ \Phi_{19}^5\ \Phi_9^6\ \Phi_3^5\ \Phi_1^6$
50115	970	171	$\frac{2}{57}$	$\frac{23}{171}$	$\frac{11}{57}$	$\frac{74}{171}$	$\Phi_{171}^5\ \Phi_{57}^7\ \Phi_{19}^7\ \Phi_9^5\ \Phi_3^7\ \Phi_1^8$
50116	970	1848	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{84}$	$\frac{71}{168}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{22}$
50117	970	684	$\frac{1}{57}$	$\frac{28}{171}$	$\frac{199}{684}$	$\frac{143}{342}$	$\Phi_{684}^2\ \Phi_{228}^2\ \Phi_{171}^2\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{36}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
50118	970	492	$\frac{7}{492}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{492}^2\ \Phi_{246}^2\ \Phi_{164}^2\ \Phi_{123}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50119	970	102	$\frac{5}{102}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{102}^{10}\ \Phi_{51}^{10}\ \Phi_{34}^{10}\ \Phi_{17}^7\ \Phi_6^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^8$
50120	970	816	$\frac{1}{51}$	$\frac{77}{408}$	$\frac{25}{102}$	$\frac{331}{816}$	$\Phi_{816}^2\ \Phi_{272}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{48}^2\ \Phi_{34}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50121	970	114	$\frac{2}{57}$	$\frac{17}{114}$	$\frac{11}{57}$	$\frac{23}{57}$	$\Phi_{114}^{10}\ \Phi_{57}^7\ \Phi_{38}^{10}\ \Phi_{19}^7\ \Phi_6^{10}\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^8$
50122	970	162	$\frac{1}{81}$	$\frac{16}{81}$	$\frac{1}{3}$	$\frac{65}{162}$	$\Phi_{162}^{10}\ \Phi_{81}^2\ \Phi_{54}^{10}\ \Phi_{27}^2\ \Phi_{18}^{10}\ \Phi_9^2\ \Phi_6^{10}\ \Phi_3\ \Phi_2^{10}\ \Phi_1^2$
50123	970	300	$\frac{3}{100}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^2\ \Phi_{75}^4\ \Phi_{60}^4\ \Phi_{50}^2\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
50124	970	532	$\frac{1}{19}$	$\frac{47}{532}$	$\frac{9}{38}$	$\frac{29}{76}$	$\Phi_{532}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{38}^2\ \Phi_{28}^2\ \Phi_{19}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_2^2\ \Phi_1^2$
50125	970	156	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{19}{78}$	$\frac{59}{156}$	$\Phi_{156}^{10}\ \Phi_{78}^3\ \Phi_{52}^{10}\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{13}^2\ \Phi_{12}^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50126	970	612	$\frac{1}{51}$	$\frac{127}{612}$	$\frac{25}{102}$	$\frac{77}{204}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{36}^2\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50127	970	1176	$\frac{1}{98}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1176}^2\ \Phi_{294}\ \Phi_{168}^2\ \Phi_{147}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_6$
50128	970	153	$\frac{1}{51}$	$\frac{10}{51}$	$\frac{41}{153}$	$\frac{56}{153}$	$\Phi_{153}^5\ \Phi_{51}^9\ \Phi_{17}^9\ \Phi_9^5\ \Phi_3^9\ \Phi_1^{10}$
50129	970	741	$\frac{1}{19}$	$\frac{18}{247}$	$\frac{229}{741}$	$\frac{256}{741}$	$\Phi_{741}\ \Phi_{247}^2\ \Phi_{57}\ \Phi_{39}\ \Phi_{19}\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
50130	970	729	$\frac{2}{243}$	$\frac{241}{729}$	$\frac{1}{3}$	$\frac{244}{729}$	$\Phi_{729}\ \Phi_{243}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
50131	970	198	$\frac{2}{99}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{198}^6\ \Phi_{99}^4\ \Phi_{66}^6\ \Phi_{33}^4\ \Phi_{22}^6\ \Phi_{18}^6\ \Phi_{11}^4\ \Phi_9^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50132	970	552	$\frac{2}{69}$	$\frac{67}{552}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{184}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
50133	970	504	$\frac{19}{504}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50134	970	144	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{47}{144}$	$\frac{1}{3}$	$\Phi_{144}^{10}\ \Phi_{72}^{10}\ \Phi_{36}^{10}\ \Phi_{18}^{10}\ \Phi_9^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50135	970	702	$\frac{1}{18}$	$\frac{17}{234}$	$\frac{217}{702}$	$\frac{1}{3}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50136	970	648	$\frac{1}{54}$	$\frac{53}{216}$	$\frac{163}{648}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50137	970	300	$\frac{3}{100}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{100}^4\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^4\ \Phi_{30}^3\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50138	970	384	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{31}{128}$	$\frac{1}{3}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^4\ \Phi_{64}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50139	970	504	$\frac{19}{504}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50140	970	120	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{23}{120}$	$\frac{1}{3}$	$\Phi_{120}^{10}\ \Phi_{60}^{10}\ \Phi_{40}^{10}\ \Phi_{30}^{10}\ \Phi_{20}^{10}\ \Phi_{15}^{10}\ \Phi_{10}^{10}\ \Phi_6^2\ \Phi_5^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50141	970	108	$\frac{2}{27}$	$\frac{11}{108}$	$\frac{5}{27}$	$\frac{1}{3}$	$\Phi_{108}^{10}\ \Phi_{54}^{10}\ \Phi_{36}^{10}\ \Phi_{27}^6\ \Phi_{18}^{10}\ \Phi_{12}^{10}\ \Phi_9^6\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^5\ \Phi_2^{10}\ \Phi_1^6$
50142	970	102	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{102}^{10}\ \Phi_{51}^{10}\ \Phi_{34}^{10}\ \Phi_{17}^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50143	970	576	$\frac{5}{96}$	$\frac{91}{576}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{64}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50144	970	336	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^4\ \Phi_{84}^3\ \Phi_{56}^4\ \Phi_{42}^3\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50145	970	312	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{104}^4\ \Phi_{78}^3\ \Phi_{52}^4\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50146	970	528	$\frac{43}{528}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50147	970	108	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{108}^{10}\ \Phi_{54}^{10}\ \Phi_{36}^{10}\ \Phi_{27}^{10}\ \Phi_{18}^{10}\ \Phi_9^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50148	970	567	$\frac{2}{27}$	$\frac{25}{189}$	$\frac{82}{567}$	$\frac{1}{3}$	$\Phi_{567}^2\ \Phi_{189}\ \Phi_{81}^2\ \Phi_{63}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
50149	970	570	$\frac{4}{95}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{91}{285}$	$\Phi_{570}^2\ \Phi_{285}\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{30}^3\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50150	970	450	$\frac{1}{15}$	$\frac{31}{225}$	$\frac{1}{6}$	$\frac{14}{45}$	$\Phi_{450}^3\ \Phi_{225}^2\ \Phi_{150}^3\ \Phi_{75}^2\ \Phi_{50}^3\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50151	970	1386	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{29}{126}$	$\frac{13}{42}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{198}\ \Phi_{154}\ \Phi_{99}\ \Phi_{77}\ \Phi_{22}$
50152	970	684	$\frac{1}{19}$	$\frac{29}{228}$	$\frac{9}{38}$	$\frac{199}{684}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{38}^2\ \Phi_{36}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
50153	970	546	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{6}$	$\frac{79}{273}$	$\Phi_{546}^2\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{78}^3\ \Phi_{42}^2\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50154	970	270	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{1}{6}$	$\frac{38}{135}$	$\Phi_{270}^6\ \Phi_{135}^4\ \Phi_{54}^6\ \Phi_{30}^3\ \Phi_{27}^4\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50155	970	114	$\frac{1}{19}$	$\frac{17}{114}$	$\frac{9}{38}$	$\frac{29}{114}$	$\Phi_{114}^8\ \Phi_{57}^8\ \Phi_{38}^{10}\ \Phi_{19}^9\ \Phi_6^8\ \Phi_3^8\ \Phi_2^{10}\ \Phi_1^{10}$
50156	970	608	$\frac{1}{19}$	$\frac{29}{152}$	$\frac{123}{608}$	$\frac{9}{38}$	$\Phi_{608}^2\ \Phi_{304}^2\ \Phi_{38}^2\ \Phi_{32}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_2^2\ \Phi_1^2$
50157	970	120	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{23}{120}$	$\frac{7}{30}$	$\Phi_{120}^{10}\ \Phi_{60}^{10}\ \Phi_{40}^{10}\ \Phi_{30}^3\ \Phi_{24}^{10}\ \Phi_{20}^{10}\ \Phi_{15}^2\ \Phi_{12}^{10}\ \Phi_{10}^3\ \Phi_8^{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50158	971	1552	$\frac{1}{194}$	$\frac{195}{776}$	$\frac{581}{1552}$	$\frac{193}{388}$	$\Phi_{1552}\ \Phi_{388}\ \Phi_{16}\ \Phi_4\ \Phi_1$
50159	971	1920	$\frac{11}{960}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{949}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{20}\ \Phi_4\ \Phi_1$
50160	971	1920	$\frac{11}{960}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{949}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{15}\ \Phi_3\ \Phi_1$
50161	971	1300	$\frac{4}{325}$	$\frac{1}{5}$	$\frac{329}{1300}$	$\frac{321}{650}$	$\Phi_{1300}\ \Phi_{325}\ \Phi_{260}\ \Phi_{100}\ \Phi_{65}\ \Phi_{52}\ \Phi_{25}\ \Phi_{20}\ \Phi_{13}\ \Phi_4\ \Phi_1$
50162	971	1170	$\frac{4}{195}$	$\frac{199}{1170}$	$\frac{1}{5}$	$\frac{191}{390}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{234}\ \Phi_{195}\ \Phi_{117}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{18}\ \Phi_{15}\ \Phi_{13}\ \Phi_9\ \Phi_3\ \Phi_1$
50163	971	1900	$\frac{21}{950}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{929}{1900}$	$\Phi_{1900}\ \Phi_{380}\ \Phi_{100}\ \Phi_{76}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
50164	971	1050	$\frac{4}{75}$	$\frac{79}{1050}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_7\ \Phi_3\ \Phi_1$
50165	971	1040	$\frac{4}{65}$	$\frac{69}{1040}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}\ \Phi_{104}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
50166	971	1120	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{149}{1120}$	$\frac{131}{280}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
50167	971	1820	$\frac{4}{65}$	$\frac{61}{910}$	$\frac{1}{5}$	$\frac{849}{1820}$	$\Phi_{1820}\ \Phi_{364}\ \Phi_{260}\ \Phi_{140}\ \Phi_{65}\ \Phi_{52}\ \Phi_{28}\ \Phi_{20}\ \Phi_{13}\ \Phi_4\ \Phi_1$
50168	971	1820	$\frac{61}{910}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{849}{1820}$	$\Phi_{1820}\ \Phi_{364}\ \Phi_{260}\ \Phi_{140}\ \Phi_{70}\ \Phi_{52}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
50169	971	1800	$\frac{4}{75}$	$\frac{71}{900}$	$\frac{1}{5}$	$\frac{829}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}\ \Phi_{120}\ \Phi_{75}\ \Phi_{72}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
50170	971	1440	$\frac{11}{480}$	$\frac{1}{10}$	$\frac{469}{1440}$	$\frac{9}{20}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
50171	971	1000	$\frac{29}{1000}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
50172	971	1280	$\frac{11}{320}$	$\frac{1}{10}$	$\frac{309}{1280}$	$\frac{9}{20}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{256}\ \Phi_{128}\ \Phi_{20}\ \Phi_4\ \Phi_1$
50173	971	1200	$\frac{11}{240}$	$\frac{1}{10}$	$\frac{229}{1200}$	$\frac{9}{20}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
50174	971	1020	$\frac{49}{1020}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_4\ \Phi_1$
50175	971	1040	$\frac{69}{1040}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_4\ \Phi_1$
50176	971	1120	$\frac{11}{160}$	$\frac{1}{10}$	$\frac{149}{1120}$	$\frac{9}{20}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
50177	971	1080	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{109}{1080}$	$\frac{9}{20}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
50178	971	1680	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{131}{840}$	$\frac{709}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{48}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
50179	971	1000	$\frac{29}{1000}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{100}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
50180	971	1560	$\frac{4}{195}$	$\frac{1}{5}$	$\frac{191}{780}$	$\frac{589}{1560}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{195}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}\ \Phi_{39}\ \Phi_{24}\ \Phi_{15}\ \Phi_{13}\ \Phi_8\ \Phi_3\ \Phi_1$
50181	971	990	$\frac{19}{990}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{15}\ \Phi_{11}\ \Phi_9\ \Phi_3\ \Phi_1$
50182	971	1440	$\frac{11}{480}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{469}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
50183	971	1425	$\frac{21}{475}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{454}{1425}$	$\Phi_{1425}\ \Phi_{285}\ \Phi_{75}\ \Phi_{57}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
50184	971	1125	$\frac{4}{75}$	$\frac{154}{1125}$	$\frac{1}{5}$	$\frac{71}{225}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{125}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
50185	971	1260	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{289}{1260}$	$\frac{131}{420}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
50186	971	1365	$\frac{4}{65}$	$\frac{61}{455}$	$\frac{1}{5}$	$\frac{394}{1365}$	$\Phi_{1365}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{65}\ \Phi_{39}\ \Phi_{21}\ \Phi_{15}\ \Phi_{13}\ \Phi_3\ \Phi_1$
50187	971	1350	$\frac{4}{75}$	$\frac{71}{450}$	$\frac{1}{5}$	$\frac{379}{1350}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{270}\ \Phi_{135}\ \Phi_{75}\ \Phi_{54}\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
50188	971	1200	$\frac{11}{240}$	$\frac{229}{1200}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
50189	971	1020	$\frac{49}{1020}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{15}\ \Phi_3\ \Phi_1$
50190	971	1080	$\frac{11}{120}$	$\frac{109}{1080}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
50191	971	1200	$\frac{4}{75}$	$\frac{229}{1200}$	$\frac{1}{5}$	$\frac{71}{300}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{120}\ \Phi_{80}\ \Phi_{75}\ \Phi_{48}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
50192	972	1452	$\frac{1}{242}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{241}{484}$	$\Phi_{1452}\ \Phi_{484}^2\ \Phi_{132}\ \Phi_{44}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
50193	972	805	$\frac{1}{161}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{80}{161}$	$\Phi_{805}\ \Phi_{161}^2\ \Phi_{115}\ \Phi_{35}\ \Phi_{23}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
50194	972	1932	$\frac{1}{161}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{80}{161}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{276}\ \Phi_{138}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_6^2$
50195	972	971	$\frac{7}{971}$	$\frac{163}{971}$	$\frac{404}{971}$	$\frac{482}{971}$	$\Phi_{971}\ \Phi_1^2$
50196	972	1300	$\frac{3}{325}$	$\frac{1}{4}$	$\frac{82}{325}$	$\frac{161}{325}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{260}\ \Phi_{130}\ \Phi_{100}\ \Phi_{52}\ \Phi_{50}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
50197	972	971	$\frac{9}{971}$	$\frac{242}{971}$	$\frac{245}{971}$	$\frac{481}{971}$	$\Phi_{971}\ \Phi_1^2$
50198	972	1712	$\frac{1}{107}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{53}{107}$	$\Phi_{1712}\ \Phi_{107}\ \Phi_{16}^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
50199	972	428	$\frac{1}{107}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{53}{107}$	$\Phi_{428}^2\ \Phi_{214}^2\ \Phi_{107}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
50200	972	1461	$\frac{5}{487}$	$\frac{82}{487}$	$\frac{1}{3}$	$\frac{241}{487}$	Φ_{1461}
50201	972	1760	$\frac{1}{80}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{79}{160}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{160}^2\ \Phi_{32}^2\ \Phi_{11}\ \Phi_1^2$
50202	972	3360	$\frac{1}{80}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{79}{160}$	$\Phi_{3360}\ \Phi_{672}\ \Phi_{21}$
50203	972	1760	$\frac{1}{80}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{79}{160}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{160}^2\ \Phi_{32}^2\ \Phi_{11}\ \Phi_1^2$
50204	972	160	$\frac{1}{80}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{79}{160}$	$\Phi_{160}^{12}\ \Phi_{32}^{12}\ \Phi_{20}\ \Phi_{10}$
50205	972	971	$\frac{13}{971}$	$\frac{164}{971}$	$\frac{269}{971}$	$\frac{479}{971}$	$\Phi_{971}\ \Phi_1^2$
50206	972	260	$\frac{1}{65}$	$\frac{11}{65}$	$\frac{1}{4}$	$\frac{32}{65}$	$\Phi_{260}^5\ \Phi_{130}^5\ \Phi_{52}^5\ \Phi_{26}^5\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_4^4\ \Phi_2^4$
50207	972	901	$\frac{1}{53}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{26}{53}$	$\Phi_{901}\ \Phi_{53}^2\ \Phi_{17}^2\ \Phi_1^4$
50208	972	1590	$\frac{1}{53}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{318}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
50209	972	901	$\frac{1}{53}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{26}{53}$	$\Phi_{901}\ \Phi_{53}^2\ \Phi_{17}^2\ \Phi_1^4$
50210	972	1484	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{26}{53}$	$\Phi_{1484}\ \Phi_{742}\ \Phi_{28}^2\ \Phi_{14}^2$
50211	972	971	$\frac{19}{971}$	$\frac{55}{971}$	$\frac{458}{971}$	$\frac{476}{971}$	$\Phi_{971}\ \Phi_1^2$
50212	972	971	$\frac{25}{971}$	$\frac{83}{971}$	$\frac{296}{971}$	$\frac{473}{971}$	$\Phi_{971}\ \Phi_1^2$
50213	972	1090	$\frac{3}{109}$	$\frac{1}{10}$	$\frac{28}{109}$	$\frac{53}{109}$	$\Phi_{1090}\ \Phi_{545}\ \Phi_{218}$
50214	972	1820	$\frac{1}{35}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{17}{35}$	$\Phi_{1820}\ \Phi_{364}\ \Phi_{260}\ \Phi_{140}\ \Phi_{52}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
50215	972	455	$\frac{1}{35}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{17}{35}$	$\Phi_{455}^2\ \Phi_{91}^2\ \Phi_{65}^2\ \Phi_{35}^3\ \Phi_{13}^4\ \Phi_7^3\ \Phi_5^3\ \Phi_1^6$
50216	972	140	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{140}^9\ \Phi_{70}^4\ \Phi_{35}^5\ \Phi_{28}^9\ \Phi_{20}^{11}\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_7^5\ \Phi_5^6\ \Phi_4^{10}\ \Phi_2^4\ \Phi_1^6$
50217	972	1141	$\frac{5}{163}$	$\frac{1}{7}$	$\frac{28}{163}$	$\frac{79}{163}$	Φ_{1141}
50218	972	971	$\frac{31}{971}$	$\frac{134}{971}$	$\frac{167}{971}$	$\frac{470}{971}$	$\Phi_{971}\ \Phi_1^2$
50219	972	1300	$\frac{11}{325}$	$\frac{28}{325}$	$\frac{1}{4}$	$\frac{157}{325}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{260}\ \Phi_{130}\ \Phi_{100}\ \Phi_{52}\ \Phi_{50}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
50220	972	971	$\frac{33}{971}$	$\frac{80}{971}$	$\frac{251}{971}$	$\frac{469}{971}$	$\Phi_{971}\ \Phi_1^2$
50221	972	1461	$\frac{17}{487}$	$\frac{28}{487}$	$\frac{1}{3}$	$\frac{235}{487}$	Φ_{1461}
50222	972	971	$\frac{37}{971}$	$\frac{56}{971}$	$\frac{305}{971}$	$\frac{467}{971}$	$\Phi_{971}\ \Phi_1^2$
50223	972	2964	$\frac{1}{26}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{2964}\ \Phi_{228}\ \Phi_{57}$
50224	972	1820	$\frac{1}{26}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{25}{52}$	$\Phi_{1820}\ \Phi_{364}\ \Phi_{260}\ \Phi_{140}\ \Phi_{52}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
50225	972	52	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{52}^{13}\ \Phi_{26}^{25}\ \Phi_{13}^{24}\ \Phi_4^{12}\ \Phi_2^{24}\ \Phi_1^{24}$
50226	972	1820	$\frac{1}{26}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{25}{52}$	$\Phi_{1820}\ \Phi_{364}\ \Phi_{260}\ \Phi_{140}\ \Phi_{52}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
50227	972	260	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{260}^7\ \Phi_{52}^8\ \Phi_{20}^7\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^8\ \Phi_2^4\ \Phi_1^4$
50228	972	364	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{25}{52}$	$\Phi_{364}^5\ \Phi_{52}^6\ \Phi_{28}^5\ \Phi_7^5\ \Phi_4^6\ \Phi_1^6$
50229	972	700	$\frac{1}{25}$	$\frac{13}{175}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{140}^2\ \Phi_{100}\ \Phi_{70}^2\ \Phi_{50}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{14}^2\ \Phi_{10}$
50230	972	1090	$\frac{5}{109}$	$\frac{1}{10}$	$\frac{19}{109}$	$\frac{52}{109}$	$\Phi_{1090}\ \Phi_{545}\ \Phi_{218}$
50231	972	971	$\frac{49}{971}$	$\frac{89}{971}$	$\frac{170}{971}$	$\frac{461}{971}$	$\Phi_{971}\ \Phi_1^2$
50232	972	1300	$\frac{17}{325}$	$\frac{19}{325}$	$\frac{1}{4}$	$\frac{154}{325}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{260}\ \Phi_{130}\ \Phi_{100}\ \Phi_{52}\ \Phi_{50}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
50233	972	1428	$\frac{1}{28}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{357}\ \Phi_{204}\ \Phi_{102}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_6^2$
50234	972	901	$\frac{2}{53}$	$\frac{1}{17}$	$\frac{17}{53}$	$\frac{8}{17}$	$\Phi_{901}\ \Phi_{53}^2\ \Phi_{17}^2\ \Phi_1^4$
50235	972	1292	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{1292}\ \Phi_{646}\ \Phi_{76}^2\ \Phi_{38}^2$
50236	972	901	$\frac{1}{17}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{8}{17}$	$\Phi_{901}\ \Phi_{53}^2\ \Phi_{17}^2\ \Phi_1^4$
50237	972	1190	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{8}{17}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{238}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{14}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
50238	972	971	$\frac{29}{971}$	$\frac{73}{971}$	$\frac{314}{971}$	$\frac{449}{971}$	$\Phi_{971}\ \Phi_1^2$
50239	972	676	$\frac{7}{169}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{676}^2\ \Phi_{338}^2\ \Phi_{52}\ \Phi_{26}$
50240	972	100	$\frac{1}{25}$	$\frac{2}{25}$	$\frac{1}{4}$	$\frac{23}{50}$	$\Phi_{100}^{13}\ \Phi_{50}\ \Phi_{25}^{12}\ \Phi_{20}^{13}\ \Phi_{10}\ \Phi_5^{12}\ \Phi_4^{12}\ \Phi_1^{12}$
50241	972	950	$\frac{1}{19}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{950}^2\ \Phi_{190}^2\ \Phi_{95}\ \Phi_{38}^2$
50242	972	1036	$\frac{1}{28}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{1036}\ \Phi_{518}\ \Phi_{259}\ \Phi_{148}\ \Phi_{74}$
50243	972	440	$\frac{1}{40}$	$\frac{1}{11}$	$\frac{13}{40}$	$\frac{5}{11}$	$\Phi_{440}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^4\ \Phi_{22}^2\ \Phi_{20}^4\ \Phi_{11}^3\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
50244	972	308	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{308}^3\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{44}^2\ \Phi_{28}^6\ \Phi_{22}^2\ \Phi_{14}^6\ \Phi_{11}^3\ \Phi_7^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
50245	972	935	$\frac{4}{85}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}^2\ \Phi_{17}^2\ \Phi_{11}\ \Phi_1^2$
50246	972	1100	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{19}{100}$	$\frac{5}{11}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{11}\ \Phi_1^2$
50247	972	209	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{209}^5\ \Phi_{19}^4$
50248	972	352	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{5}{32}$	$\frac{5}{11}$	$\Phi_{352}^3\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{32}^6\ \Phi_{22}^2\ \Phi_{16}^4\ \Phi_{11}^3\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
50249	972	88	$\frac{7}{88}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{88}^{11}\ \Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_{11}^{12}\ \Phi_8^{10}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{12}$
50250	972	110	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{5}{11}$	$\Phi_{110}^8\ \Phi_{55}^8\ \Phi_{22}^8\ \Phi_{11}^9\ \Phi_{10}^{16}\ \Phi_5^{16}\ \Phi_2^{16}\ \Phi_1^{18}$
50251	972	971	$\frac{59}{971}$	$\frac{91}{971}$	$\frac{152}{971}$	$\frac{440}{971}$	$\Phi_{971}\ \Phi_1^2$
50252	972	971	$\frac{89}{971}$	$\frac{97}{971}$	$\frac{98}{971}$	$\frac{437}{971}$	$\Phi_{971}\ \Phi_1^2$
50253	972	1090	$\frac{10}{109}$	$\frac{1}{10}$	$\frac{11}{109}$	$\frac{49}{109}$	$\Phi_{1090}\ \Phi_{545}\ \Phi_{218}$
50254	972	1141	$\frac{10}{163}$	$\frac{17}{163}$	$\frac{1}{7}$	$\frac{73}{163}$	Φ_{1141}
50255	972	971	$\frac{44}{971}$	$\frac{103}{971}$	$\frac{179}{971}$	$\frac{434}{971}$	$\Phi_{971}\ \Phi_1^2$
50256	972	260	$\frac{2}{65}$	$\frac{7}{65}$	$\frac{1}{4}$	$\frac{29}{65}$	$\Phi_{260}^5\ \Phi_{130}^5\ \Phi_{52}^5\ \Phi_{26}^5\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_4^4\ \Phi_2^4$
50257	972	971	$\frac{26}{971}$	$\frac{105}{971}$	$\frac{269}{971}$	$\frac{433}{971}$	$\Phi_{971}\ \Phi_1^2$
50258	972	1461	$\frac{10}{487}$	$\frac{53}{487}$	$\frac{1}{3}$	$\frac{217}{487}$	Φ_{1461}
50259	972	971	$\frac{20}{971}$	$\frac{109}{971}$	$\frac{317}{971}$	$\frac{431}{971}$	$\Phi_{971}\ \Phi_1^2$
50260	972	2640	$\frac{1}{55}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2640}\ \Phi_{528}\ \Phi_{240}\ \Phi_{165}\ \Phi_{33}\ \Phi_{15}$
50261	972	1712	$\frac{2}{107}$	$\frac{1}{8}$	$\frac{35}{107}$	$\frac{7}{16}$	$\Phi_{1712}\ \Phi_{107}\ \Phi_{16}^2\ \Phi_1^2$
50262	972	592	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{592}^3\ \Phi_{148}\ \Phi_{74}$
50263	972	1712	$\frac{3}{107}$	$\frac{1}{8}$	$\frac{26}{107}$	$\frac{7}{16}$	$\Phi_{1712}\ \Phi_{107}\ \Phi_{16}^2\ \Phi_1^2$
50264	972	560	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{560}^4\ \Phi_{140}\ \Phi_{80}^3\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
50265	972	1712	$\frac{5}{107}$	$\frac{1}{8}$	$\frac{17}{107}$	$\frac{7}{16}$	$\Phi_{1712}\ \Phi_{107}\ \Phi_{16}^2\ \Phi_1^2$
50266	972	2128	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{2128}\ \Phi_{133}$
50267	972	1712	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1712}\ \Phi_{107}\ \Phi_{16}^2\ \Phi_1^2$
50268	972	1040	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1040}^2\ \Phi_{208}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
50269	972	1036	$\frac{1}{28}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{1036}\ \Phi_{518}\ \Phi_{259}\ \Phi_{148}\ \Phi_{74}$
50270	972	971	$\frac{62}{971}$	$\frac{101}{971}$	$\frac{145}{971}$	$\frac{413}{971}$	$\Phi_{971}\ \Phi_1^2$
50271	972	1090	$\frac{7}{109}$	$\frac{1}{10}$	$\frac{17}{109}$	$\frac{46}{109}$	$\Phi_{1090}\ \Phi_{545}\ \Phi_{218}$
50272	972	971	$\frac{29}{971}$	$\frac{157}{971}$	$\frac{188}{971}$	$\frac{407}{971}$	$\Phi_{971}\ \Phi_1^2$
50273	972	1300	$\frac{7}{325}$	$\frac{53}{325}$	$\frac{1}{4}$	$\frac{136}{325}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{260}\ \Phi_{130}\ \Phi_{100}\ \Phi_{52}\ \Phi_{50}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
50274	972	1230	$\frac{1}{82}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{246}^2\ \Phi_{123}^2\ \Phi_{30}\ \Phi_6^2$
50275	972	805	$\frac{2}{161}$	$\frac{1}{5}$	$\frac{53}{161}$	$\frac{2}{5}$	$\Phi_{805}\ \Phi_{161}^2\ \Phi_{115}\ \Phi_{35}\ \Phi_{23}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
50276	972	220	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{220}^6\ \Phi_{110}^6\ \Phi_{44}^6\ \Phi_{22}^6\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_4^4\ \Phi_2^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
50277	972	805	$\frac{5}{161}$	$\frac{26}{161}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{805}\ \Phi_{161}^2\ \Phi_{115}\ \Phi_{35}\ \Phi_{23}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
50278	972	140	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{140}^6\ \Phi_{70}^6\ \Phi_{35}^5\ \Phi_{28}^{12}\ \Phi_{20}^6\ \Phi_{14}^{12}\ \Phi_{10}^6\ \Phi_7^{10}\ \Phi_5^6\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
50279	972	460	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{460}^2\ \Phi_{230}^2\ \Phi_{115}\ \Phi_{92}^4\ \Phi_{46}^4\ \Phi_{23}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
50280	972	805	$\frac{8}{161}$	$\frac{17}{161}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{805}\ \Phi_{161}^2\ \Phi_{115}\ \Phi_{35}\ \Phi_{23}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
50281	972	190	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{190}^6\ \Phi_{95}^5\ \Phi_{38}^6\ \Phi_{19}^4$
50282	972	971	$\frac{11}{971}$	$\frac{217}{971}$	$\frac{320}{971}$	$\frac{377}{971}$	$\Phi_{971}\ \Phi_1^2$
50283	972	836	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{836}^2\ \Phi_{209}\ \Phi_{76}^2$
50284	972	1066	$\frac{1}{82}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1066}\ \Phi_{533}\ \Phi_{26}$
50285	972	260	$\frac{1}{65}$	$\frac{16}{65}$	$\frac{1}{4}$	$\frac{49}{130}$	$\Phi_{260}^5\ \Phi_{130}\ \Phi_{65}^4\ \Phi_{52}^5\ \Phi_{26}\ \Phi_{20}^5\ \Phi_{13}^4\ \Phi_{10}\ \Phi_5^4\ \Phi_4^4\ \Phi_1^4$
50286	972	1240	$\frac{5}{248}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{155}\ \Phi_{20}\ \Phi_{10}$
50287	972	1184	$\frac{1}{37}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1184}\ \Phi_{592}\ \Phi_{148}\ \Phi_{74}$
50288	972	1045	$\frac{1}{55}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1045}\ \Phi_{209}\ \Phi_{95}$
50289	972	971	$\frac{23}{971}$	$\frac{158}{971}$	$\frac{271}{971}$	$\frac{350}{971}$	$\Phi_{971}\ \Phi_1^2$
50290	972	518	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{518}^3\ \Phi_{259}\ \Phi_{74}^3$
50291	972	1036	$\frac{1}{28}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{1036}\ \Phi_{518}\ \Phi_{259}\ \Phi_{148}\ \Phi_{74}$
50292	972	971	$\frac{35}{971}$	$\frac{104}{971}$	$\frac{289}{971}$	$\frac{341}{971}$	$\Phi_{971}\ \Phi_1^2$
50293	972	1045	$\frac{1}{19}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{1045}\ \Phi_{209}\ \Phi_{95}$
50294	972	971	$\frac{50}{971}$	$\frac{71}{971}$	$\frac{307}{971}$	$\frac{332}{971}$	$\Phi_{971}\ \Phi_1^2$
50295	972	1090	$\frac{4}{109}$	$\frac{1}{10}$	$\frac{35}{109}$	$\frac{37}{109}$	$\Phi_{1090}\ \Phi_{545}\ \Phi_{218}$
50296	972	971	$\frac{32}{971}$	$\frac{107}{971}$	$\frac{313}{971}$	$\frac{329}{971}$	$\Phi_{971}\ \Phi_1^2$
50297	972	1141	$\frac{4}{163}$	$\frac{1}{7}$	$\frac{53}{163}$	$\frac{55}{163}$	Φ_{1141}
50298	972	610	$\frac{1}{61}$	$\frac{1}{5}$	$\frac{20}{61}$	$\frac{41}{122}$	$\Phi_{610}^3\ \Phi_{305}\ \Phi_{10}^3$
50299	972	971	$\frac{14}{971}$	$\frac{215}{971}$	$\frac{319}{971}$	$\frac{326}{971}$	$\Phi_{971}\ \Phi_1^2$
50300	972	1300	$\frac{4}{325}$	$\frac{1}{4}$	$\frac{107}{325}$	$\frac{109}{325}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{260}\ \Phi_{130}\ \Phi_{100}\ \Phi_{52}\ \Phi_{50}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
50301	972	971	$\frac{8}{971}$	$\frac{321}{971}$	$\frac{323}{971}$	$\frac{325}{971}$	$\Phi_{971}\ \Phi_1^2$
50302	972	1461	$\frac{4}{487}$	$\frac{161}{487}$	$\frac{1}{3}$	$\frac{163}{487}$	Φ_{1461}
50303	972	363	$\frac{1}{121}$	$\frac{40}{121}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{363}^2\ \Phi_{121}^4\ \Phi_{33}^2\ \Phi_{11}^4\ \Phi_3^3\ \Phi_1^6$
50304	972	492	$\frac{1}{82}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{492}^2\ \Phi_{246}\ \Phi_{164}^4\ \Phi_{123}\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
50305	972	363	$\frac{4}{121}$	$\frac{13}{121}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{363}^2\ \Phi_{121}^4\ \Phi_{33}^2\ \Phi_{11}^4\ \Phi_3^3\ \Phi_1^6$
50306	972	420	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^4\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^4\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{35}^4\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
50307	972	759	$\frac{10}{253}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{759}\ \Phi_{253}^2\ \Phi_{69}\ \Phi_{23}^2\ \Phi_3\ \Phi_1^2$
50308	972	264	$\frac{1}{22}$	$\frac{7}{88}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{264}^3\ \Phi_{132}^3\ \Phi_{88}^6\ \Phi_{66}^2\ \Phi_{44}^6\ \Phi_{33}^2\ \Phi_{24}^3\ \Phi_{22}^4\ \Phi_{12}^3\ \Phi_{11}^4\ \Phi_8^6\ \Phi_6^2\ \Phi_4^6\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
50309	972	1932	$\frac{2}{161}$	$\frac{1}{4}$	$\frac{53}{161}$	$\frac{1}{3}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{276}\ \Phi_{138}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_6^2$
50310	972	1461	$\frac{7}{487}$	$\frac{109}{487}$	$\frac{160}{487}$	$\frac{1}{3}$	Φ_{1461}
50311	972	840	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{13}{40}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{21}^3$
50312	972	1461	$\frac{16}{487}$	$\frac{55}{487}$	$\frac{157}{487}$	$\frac{1}{3}$	Φ_{1461}
50313	972	1590	$\frac{2}{53}$	$\frac{1}{10}$	$\frac{17}{53}$	$\frac{1}{3}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{318}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
50314	972	1461	$\frac{25}{487}$	$\frac{37}{487}$	$\frac{154}{487}$	$\frac{1}{3}$	Φ_{1461}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
50315	972	741	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{741}^{2}\ \Phi_{57}^{3}$
50316	972	1461	$\frac{19}{487}$	$\frac{52}{487}$	$\frac{145}{487}$	$\frac{1}{3}$	Φ_{1461}
50317	972	1428	$\frac{1}{28}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{357}\ \Phi_{204}\ \Phi_{102}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
50318	972	1461	$\frac{13}{487}$	$\frac{79}{487}$	$\frac{136}{487}$	$\frac{1}{3}$	Φ_{1461}
50319	972	660	$\frac{1}{55}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{165}^{3}\ \Phi_{132}^{2}\ \Phi_{66}^{2}\ \Phi_{60}^{2}\ \Phi_{33}^{3}\ \Phi_{30}^{2}\ \Phi_{15}^{3}$
50320	972	1932	$\frac{5}{161}$	$\frac{26}{161}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{276}\ \Phi_{138}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
50321	972	84	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^{17}\ \Phi_{42}^{17}\ \Phi_{21}^{18}\ \Phi_{12}^{18}\ \Phi_{6}^{18}\ \Phi_{3}^{18}$
50322	972	276	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{276}^{5}\ \Phi_{138}^{5}\ \Phi_{69}^{6}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{6}$
50323	972	1932	$\frac{8}{161}$	$\frac{17}{161}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{276}\ \Phi_{138}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
50324	972	1140	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}^{2}\ \Phi_{570}\ \Phi_{285}\ \Phi_{228}\ \Phi_{57}$
50325	972	1785	$\frac{4}{85}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{21}$
50326	972	2100	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{19}{100}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{21}$
50327	972	672	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{5}{32}$	$\frac{1}{3}$	$\Phi_{672}^{3}\ \Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{21}^{3}$
50328	972	1590	$\frac{5}{53}$	$\frac{1}{10}$	$\frac{8}{53}$	$\frac{1}{3}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{318}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}$
50329	972	1461	$\frac{46}{487}$	$\frac{49}{487}$	$\frac{73}{487}$	$\frac{1}{3}$	Φ_{1461}
50330	972	1848	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{231}\ \Phi_{21}$
50331	972	210	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{210}^{8}\ \Phi_{105}^{8}\ \Phi_{42}^{8}\ \Phi_{21}^{9}$
50332	972	428	$\frac{2}{107}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{35}{107}$	$\Phi_{428}^{2}\ \Phi_{214}^{2}\ \Phi_{107}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
50333	972	971	$\frac{20}{971}$	$\frac{218}{971}$	$\frac{251}{971}$	$\frac{317}{971}$	$\Phi_{971}\ \Phi_{1}^{2}$
50334	972	1300	$\frac{7}{325}$	$\frac{73}{325}$	$\frac{1}{4}$	$\frac{106}{325}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{260}\ \Phi_{130}\ \Phi_{100}\ \Phi_{52}\ \Phi_{50}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
50335	972	440	$\frac{1}{40}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{13}{40}$	$\Phi_{440}^{2}\ \Phi_{220}^{2}\ \Phi_{110}^{2}\ \Phi_{88}^{2}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{40}^{4}\ \Phi_{22}^{2}\ \Phi_{20}^{4}\ \Phi_{11}^{3}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
50336	972	40	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{13}{40}$	$\Phi_{40}^{24}\ \Phi_{20}^{25}\ \Phi_{10}^{25}\ \Phi_{8}^{24}\ \Phi_{5}^{24}\ \Phi_{4}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{24}$
50337	972	971	$\frac{26}{971}$	$\frac{164}{971}$	$\frac{269}{971}$	$\frac{315}{971}$	$\Phi_{971}\ \Phi_{1}^{2}$
50338	972	1220	$\frac{7}{244}$	$\frac{1}{5}$	$\frac{55}{244}$	$\frac{79}{244}$	$\Phi_{1220}\ \Phi_{610}\ \Phi_{305}\ \Phi_{20}\ \Phi_{10}$
50339	972	971	$\frac{29}{971}$	$\frac{188}{971}$	$\frac{219}{971}$	$\frac{314}{971}$	$\Phi_{971}\ \Phi_{1}^{2}$
50340	972	260	$\frac{2}{65}$	$\frac{11}{65}$	$\frac{1}{4}$	$\frac{21}{65}$	$\Phi_{260}^{5}\ \Phi_{130}^{5}\ \Phi_{52}^{5}\ \Phi_{26}^{5}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
50341	972	901	$\frac{2}{53}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{17}{53}$	$\Phi_{901}\ \Phi_{53}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
50342	972	1484	$\frac{2}{53}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{17}{53}$	$\Phi_{1484}\ \Phi_{742}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
50343	972	971	$\frac{38}{971}$	$\frac{110}{971}$	$\frac{287}{971}$	$\frac{311}{971}$	$\Phi_{971}\ \Phi_{1}^{2}$
50344	972	500	$\frac{1}{25}$	$\frac{17}{125}$	$\frac{1}{4}$	$\frac{8}{25}$	$\Phi_{500}^{3}\ \Phi_{250}^{3}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
50345	972	1141	$\frac{7}{163}$	$\frac{1}{7}$	$\frac{37}{163}$	$\frac{52}{163}$	Φ_{1141}
50346	972	971	$\frac{47}{971}$	$\frac{125}{971}$	$\frac{221}{971}$	$\frac{308}{971}$	$\Phi_{971}\ \Phi_{1}^{2}$
50347	972	1300	$\frac{16}{325}$	$\frac{37}{325}$	$\frac{1}{4}$	$\frac{103}{325}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{260}\ \Phi_{130}\ \Phi_{100}\ \Phi_{52}\ \Phi_{50}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
50348	972	455	$\frac{2}{35}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{11}{35}$	$\Phi_{455}^{2}\ \Phi_{91}^{2}\ \Phi_{65}^{2}\ \Phi_{35}^{3}\ \Phi_{13}^{4}\ \Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{6}$
50349	972	140	$\frac{2}{35}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{11}{35}$	$\Phi_{140}^{9}\ \Phi_{70}^{4}\ \Phi_{35}^{5}\ \Phi_{28}^{9}\ \Phi_{20}^{11}\ \Phi_{14}^{4}\ \Phi_{10}^{5}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{4}^{10}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
50350	972	971	$\frac{56}{971}$	$\frac{74}{971}$	$\frac{299}{971}$	$\frac{305}{971}$	$\Phi_{971}\ \Phi_{1}^{2}$
50351	972	1090	$\frac{7}{109}$	$\frac{1}{10}$	$\frac{25}{109}$	$\frac{34}{109}$	$\Phi_{1090}\ \Phi_{545}\ \Phi_{218}$
50352	972	971	$\frac{74}{971}$	$\frac{83}{971}$	$\frac{224}{971}$	$\frac{299}{971}$	$\Phi_{971}\ \Phi_{1}^{2}$
50353	972	52	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{52}^{25}\ \Phi_{26}^{25}\ \Phi_{4}^{24}\ \Phi_{2}^{24}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
50354	972	455	$\frac{1}{13}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{4}{13}$	$\Phi_{455}^2\ \Phi_{91}^2\ \Phi_{65}^2\ \Phi_{35}^3\ \Phi_{13}^4\ \Phi_{7}^3\ \Phi_{5}^3\ \Phi_{1}^6$
50355	972	130	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{130}^8\ \Phi_{65}^6\ \Phi_{26}^8\ \Phi_{13}^8\ \Phi_{10}^{12}\ \Phi_{5}^9\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
50356	972	91	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{4}{13}$	$\Phi_{91}^{10}\ \Phi_{13}^{12}\ \Phi_{7}^{15}\ \Phi_{1}^{18}$
50357	972	1066	$\frac{1}{13}$	$\frac{7}{82}$	$\frac{19}{82}$	$\frac{25}{82}$	$\Phi_{1066}\ \Phi_{533}\ \Phi_{26}$
50358	972	971	$\frac{75}{971}$	$\frac{83}{971}$	$\frac{224}{971}$	$\frac{296}{971}$	$\Phi_{971}\ \Phi_{1}^2$
50359	972	1090	$\frac{10}{109}$	$\frac{1}{10}$	$\frac{19}{109}$	$\frac{33}{109}$	$\Phi_{1090}\ \Phi_{545}\ \Phi_{218}$
50360	972	971	$\frac{92}{971}$	$\frac{113}{971}$	$\frac{143}{971}$	$\frac{293}{971}$	$\Phi_{971}\ \Phi_{1}^2$
50361	972	1141	$\frac{16}{163}$	$\frac{19}{163}$	$\frac{1}{7}$	$\frac{49}{163}$	Φ_{1141}
50362	972	971	$\frac{89}{971}$	$\frac{98}{971}$	$\frac{170}{971}$	$\frac{291}{971}$	$\Phi_{971}\ \Phi_{1}^2$
50363	972	1220	$\frac{19}{244}$	$\frac{25}{244}$	$\frac{1}{5}$	$\frac{73}{244}$	$\Phi_{1220}\ \Phi_{610}\ \Phi_{305}\ \Phi_{20}\ \Phi_{10}$
50364	972	971	$\frac{62}{971}$	$\frac{101}{971}$	$\frac{227}{971}$	$\frac{290}{971}$	$\Phi_{971}\ \Phi_{1}^2$
50365	972	1300	$\frac{19}{325}$	$\frac{34}{325}$	$\frac{1}{4}$	$\frac{97}{325}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{260}\ \Phi_{130}\ \Phi_{100}\ \Phi_{52}\ \Phi_{50}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
50366	972	1292	$\frac{1}{19}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{1292}\ \Phi_{646}\ \Phi_{76}^2\ \Phi_{38}^2$
50367	972	901	$\frac{5}{53}$	$\frac{2}{17}$	$\frac{8}{53}$	$\frac{5}{17}$	$\Phi_{901}\ \Phi_{53}^2\ \Phi_{17}^2\ \Phi_{1}^4$
50368	972	1190	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{5}{17}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{238}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{14}^2$
50369	972	1045	$\frac{1}{19}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{1045}\ \Phi_{209}\ \Phi_{95}$
50370	972	971	$\frac{77}{971}$	$\frac{137}{971}$	$\frac{149}{971}$	$\frac{278}{971}$	$\Phi_{971}\ \Phi_{1}^2$
50371	972	1090	$\frac{1}{10}$	$\frac{13}{109}$	$\frac{16}{109}$	$\frac{31}{109}$	$\Phi_{1090}\ \Phi_{545}\ \Phi_{218}$
50372	972	971	$\frac{95}{971}$	$\frac{116}{971}$	$\frac{146}{971}$	$\frac{275}{971}$	$\Phi_{971}\ \Phi_{1}^2$
50373	972	1141	$\frac{13}{163}$	$\frac{1}{7}$	$\frac{25}{163}$	$\frac{46}{163}$	Φ_{1141}
50374	972	971	$\frac{41}{971}$	$\frac{155}{971}$	$\frac{233}{971}$	$\frac{272}{971}$	$\Phi_{971}\ \Phi_{1}^2$
50375	972	100	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{1}{4}$	$\frac{7}{25}$	$\Phi_{100}^{13}\ \Phi_{50}^{13}\ \Phi_{20}^{13}\ \Phi_{10}^{13}\ \Phi_{4}^{12}\ \Phi_{2}^{12}$
50376	972	475	$\frac{1}{19}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{475}^2\ \Phi_{95}^3\ \Phi_{19}^2$
50377	972	308	$\frac{1}{28}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{308}^3\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{44}^2\ \Phi_{28}^6\ \Phi_{22}^2\ \Phi_{14}^6\ \Phi_{11}^3\ \Phi_{7}^6\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
50378	972	935	$\frac{4}{85}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}^2\ \Phi_{17}^2\ \Phi_{11}\ \Phi_{1}^2$
50379	972	1100	$\frac{1}{20}$	$\frac{2}{11}$	$\frac{19}{100}$	$\frac{3}{11}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{11}\ \Phi_{1}^2$
50380	972	352	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{352}^3\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{32}^6\ \Phi_{22}^2\ \Phi_{16}^4\ \Phi_{11}^3\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
50381	972	88	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{88}^{11}\ \Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_{11}^{12}\ \Phi_{8}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
50382	972	110	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{110}^8\ \Phi_{55}^8\ \Phi_{22}^8\ \Phi_{11}^9\ \Phi_{10}^{16}\ \Phi_{5}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
50383	972	1036	$\frac{1}{28}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{1036}\ \Phi_{518}\ \Phi_{259}\ \Phi_{148}\ \Phi_{74}$
50384	972	971	$\frac{80}{971}$	$\frac{99}{971}$	$\frac{218}{971}$	$\frac{251}{971}$	$\Phi_{971}\ \Phi_{1}^2$
50385	972	1090	$\frac{9}{109}$	$\frac{1}{10}$	$\frac{25}{109}$	$\frac{28}{109}$	$\Phi_{1090}\ \Phi_{545}\ \Phi_{218}$
50386	972	971	$\frac{27}{971}$	$\frac{236}{971}$	$\frac{242}{971}$	$\frac{245}{971}$	$\Phi_{971}\ \Phi_{1}^2$
50387	972	1300	$\frac{9}{325}$	$\frac{79}{325}$	$\frac{1}{4}$	$\frac{82}{325}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{260}\ \Phi_{130}\ \Phi_{100}\ \Phi_{52}\ \Phi_{50}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
50388	972	148	$\frac{1}{37}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{148}^7\ \Phi_{74}^7\ \Phi_{37}^6$
50389	972	428	$\frac{3}{107}$	$\frac{26}{107}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{428}^2\ \Phi_{214}^2\ \Phi_{107}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
50390	972	140	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^9\ \Phi_{70}^9\ \Phi_{35}^9\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_{5}^6$
50391	972	428	$\frac{5}{107}$	$\frac{17}{107}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{428}^2\ \Phi_{214}^2\ \Phi_{107}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
50392	972	532	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{532}^2\ \Phi_{266}^2\ \Phi_{133}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
50393	972	428	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{428}^2\ \Phi_{214}^2\ \Phi_{107}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
50394	972	260	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{260}^4\ \Phi_{130}^5\ \Phi_{65}^5\ \Phi_{52}^2\ \Phi_{26}^3\ \Phi_{13}^2$
50395	972	320	$\frac{3}{80}$	$\frac{1}{5}$	$\frac{77}{320}$	$\frac{1}{4}$	$\Phi_{320}^4\ \Phi_{160}^4\ \Phi_{64}^4\ \Phi_{32}^4\ \Phi_{20}\ \Phi_{10}$
50396	972	100	$\frac{1}{25}$	$\frac{19}{100}$	$\frac{6}{25}$	$\frac{1}{4}$	$\Phi_{100}^9\ \Phi_{50}^9\ \Phi_{25}^{12}\ \Phi_{20}^9\ \Phi_{10}^9\ \Phi_5^{12}\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{12}$
50397	972	364	$\frac{1}{13}$	$\frac{10}{91}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{364}^4\ \Phi_{182}^4\ \Phi_{52}\ \Phi_{28}^4\ \Phi_{26}\ \Phi_{14}^4$
50398	972	140	$\frac{3}{35}$	$\frac{1}{10}$	$\frac{8}{35}$	$\frac{1}{4}$	$\Phi_{140}^9\ \Phi_{70}^4\ \Phi_{35}^5\ \Phi_{28}^9\ \Phi_{20}^{11}\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_7^5\ \Phi_5^6\ \Phi_4^{10}\ \Phi_2^4\ \Phi_1^6$
50399	972	1300	$\frac{28}{325}$	$\frac{33}{325}$	$\frac{73}{325}$	$\frac{1}{4}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{260}\ \Phi_{130}\ \Phi_{100}\ \Phi_{52}\ \Phi_{50}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
50400	972	104	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{104}$	$\frac{1}{4}$	$\Phi_{104}^{12}\ \Phi_{52}^5\ \Phi_{26}^9\ \Phi_{13}^8\ \Phi_8^{12}\ \Phi_4^4\ \Phi_2^8\ \Phi_1^8$
50401	972	340	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{340}^4\ \Phi_{170}^4\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{20}\ \Phi_{10}$
50402	972	100	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{100}^{12}\ \Phi_{50}^{12}\ \Phi_{25}^{12}\ \Phi_{20}\ \Phi_{10}$
50403	972	1280	$\frac{13}{256}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{20}\ \Phi_{10}$
50404	972	160	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{160}^9\ \Phi_{80}^6\ \Phi_{40}^6\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_5^6$
50405	972	260	$\frac{17}{260}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{260}^4\ \Phi_{130}^4\ \Phi_{65}^4\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{20}\ \Phi_{13}^4\ \Phi_{10}$
50406	972	280	$\frac{3}{40}$	$\frac{37}{280}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^4\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{20}\ \Phi_{14}^4\ \Phi_{10}\ \Phi_7^4$
50407	972	440	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{55}^3\ \Phi_{20}\ \Phi_{10}$
50408	972	20	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{20}^{65}\ \Phi_{10}^{33}\ \Phi_5^{32}\ \Phi_4^{64}\ \Phi_2^{32}\ \Phi_1^{32}$
50409	972	260	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{65}$	$\frac{1}{4}$	$\Phi_{260}^6\ \Phi_{130}^6\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}^6\ \Phi_{10}^6$
50410	972	1484	$\frac{5}{53}$	$\frac{1}{7}$	$\frac{8}{53}$	$\frac{1}{4}$	$\Phi_{1484}\ \Phi_{742}\ \Phi_{28}^2\ \Phi_{14}^2$
50411	972	1300	$\frac{31}{325}$	$\frac{46}{325}$	$\frac{49}{325}$	$\frac{1}{4}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{260}\ \Phi_{130}\ \Phi_{100}\ \Phi_{52}\ \Phi_{50}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
50412	972	140	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{140}^{10}\ \Phi_{70}^5\ \Phi_{35}^5\ \Phi_{28}^5\ \Phi_{20}^{12}\ \Phi_{10}^6\ \Phi_7^5\ \Phi_5^6\ \Phi_4^6\ \Phi_1^6$
50413	973	1936	$\frac{5}{968}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{963}{1936}$	$\Phi_{1936}\ \Phi_{176}\ \Phi_{16}\ \Phi_8\ \Phi_1$
50414	973	276	$\frac{1}{138}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{137}{276}$	$\Phi_{276}\ \Phi_{138}^6\ \Phi_{92}\ \Phi_{69}^6\ \Phi_{46}^6\ \Phi_{23}^6\ \Phi_{12}^2\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
50415	973	828	$\frac{1}{138}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{137}{276}$	$\Phi_{828}^3\ \Phi_{276}\ \Phi_{92}\ \Phi_{36}^3\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
50416	973	1728	$\frac{1}{108}$	$\frac{109}{864}$	$\frac{755}{1728}$	$\frac{107}{216}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{216}\ \Phi_{192}\ \Phi_{72}\ \Phi_{64}\ \Phi_{24}\ \Phi_8\ \Phi_1$
50417	973	1296	$\frac{1}{108}$	$\frac{323}{1296}$	$\frac{109}{432}$	$\frac{107}{216}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{24}\ \Phi_8\ \Phi_1$
50418	973	1170	$\frac{2}{195}$	$\frac{197}{1170}$	$\frac{1}{3}$	$\frac{193}{390}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{234}\ \Phi_{195}\ \Phi_{117}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{18}\ \Phi_{15}\ \Phi_{13}\ \Phi_9\ \Phi_5\ \Phi_1$
50419	973	1920	$\frac{13}{960}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{947}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{24}\ \Phi_8\ \Phi_1$
50420	973	1920	$\frac{13}{960}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{947}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{15}\ \Phi_5\ \Phi_1$
50421	973	1920	$\frac{13}{960}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{947}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{16}\ \Phi_8\ \Phi_1$
50422	973	272	$\frac{3}{136}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{133}{272}$	$\Phi_{272}^7\ \Phi_{16}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
50423	973	150	$\frac{2}{75}$	$\frac{11}{150}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{150}^6\ \Phi_{75}^7\ \Phi_{50}^6\ \Phi_{30}^6\ \Phi_{25}^7\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_6^6\ \Phi_5^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
50424	973	1872	$\frac{1}{36}$	$\frac{37}{936}$	$\frac{899}{1872}$	$\frac{35}{72}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
50425	973	1080	$\frac{4}{135}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{131}{270}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
50426	973	168	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{29}{168}$	$\frac{27}{56}$	$\Phi_{168}^7\ \Phi_{84}^7\ \Phi_{56}^4\ \Phi_{42}^7\ \Phi_{28}^3\ \Phi_{24}^7\ \Phi_{21}^7\ \Phi_{14}^3\ \Phi_{12}^7\ \Phi_8^3\ \Phi_7^3\ \Phi_6^7\ \Phi_4^2\ \Phi_3^7\ \Phi_2^2\ \Phi_1^3$
50427	973	1872	$\frac{37}{936}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{899}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{144}\ \Phi_{48}\ \Phi_{39}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
50428	973	1064	$\frac{6}{133}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{127}{266}$	$\Phi_{1064}\ \Phi_{532}\ \Phi_{152}\ \Phi_{133}\ \Phi_{76}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{19}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
50429	973	160	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{21}{160}$	$\frac{19}{40}$	$\Phi_{160}^7\ \Phi_{80}^7\ \Phi_{40}^4\ \Phi_{32}^7\ \Phi_{20}^3\ \Phi_{16}^7\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
50430	973	1014	$\frac{41}{1014}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{1014}\ \Phi_{507}\ \Phi_{338}\ \Phi_{169}\ \Phi_{39}\ \Phi_{13}\ \Phi_1$
50431	973	520	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{121}{260}$	$\Phi_{520}^2\ \Phi_{260}\ \Phi_{130}^2\ \Phi_{104}^2\ \Phi_{65}^2\ \Phi_{52}\ \Phi_{40}^4\ \Phi_{26}^2\ \Phi_{20}^3\ \Phi_{13}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
50432	973	1800	$\frac{2}{75}$	$\frac{73}{900}$	$\frac{1}{3}$	$\frac{827}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}\ \Phi_{120}\ \Phi_{75}\ \Phi_{72}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
50433	973	1800	$\frac{1}{18}$	$\frac{73}{900}$	$\frac{17}{90}$	$\frac{827}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
50434	973	1440	$\frac{13}{480}$	$\frac{1}{12}$	$\frac{467}{1440}$	$\frac{11}{24}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
50435	973	144	$\frac{5}{144}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{144}^7\ \Phi_{72}^7\ \Phi_{48}^6\ \Phi_{36}^7\ \Phi_{24}^7\ \Phi_{18}^7\ \Phi_{16}^6\ \Phi_{12}^6\ \Phi_9^7\ \Phi_8^7\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
50436	973	1200	$\frac{13}{240}$	$\frac{1}{12}$	$\frac{227}{1200}$	$\frac{11}{24}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{24}\ \Phi_8\ \Phi_1$
50437	973	1152	$\frac{13}{192}$	$\frac{1}{12}$	$\frac{179}{1152}$	$\frac{11}{24}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
50438	973	1056	$\frac{83}{1056}$	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{11}{24}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
50439	973	1080	$\frac{1}{12}$	$\frac{107}{1080}$	$\frac{13}{120}$	$\frac{11}{24}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
50440	973	1188	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{215}{1188}$	$\frac{181}{396}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{108}\ \Phi_{99}\ \Phi_{66}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
50441	973	504	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{8}$	$\frac{113}{252}$	$\Phi_{504}^2\ \Phi_{252}\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^4\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^3\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_{12}\ \Phi_9^2\ \Phi_8^3\ \Phi_7^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
50442	973	1728	$\frac{1}{36}$	$\frac{109}{864}$	$\frac{35}{144}$	$\frac{755}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
50443	973	990	$\frac{17}{990}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{15}\ \Phi_{11}\ \Phi_9\ \Phi_5\ \Phi_1$
50444	973	244	$\frac{3}{122}$	$\frac{17}{122}$	$\frac{1}{4}$	$\frac{105}{244}$	$\Phi_{244}^3\ \Phi_{122}^5\ \Phi_{61}^5\ \Phi_4^2\ \Phi_2^4\ \Phi_1^5$
50445	973	240	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{19}{120}$	$\frac{101}{240}$	$\Phi_{240}^7\ \Phi_{80}^7\ \Phi_{48}^7\ \Phi_{40}^4\ \Phi_{20}^3\ \Phi_{16}^7\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
50446	973	564	$\frac{2}{141}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{564}^3\ \Phi_{188}^3\ \Phi_{141}\ \Phi_{47}\ \Phi_{12}\ \Phi_4\ \Phi_1$
50447	973	828	$\frac{1}{69}$	$\frac{1}{6}$	$\frac{68}{207}$	$\frac{5}{12}$	$\Phi_{828}^3\ \Phi_{207}\ \Phi_{36}^3\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
50448	973	552	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{45}{184}$	$\frac{5}{12}$	$\Phi_{552}^2\ \Phi_{184}^3\ \Phi_{138}^2\ \Phi_{92}\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{24}^2\ \Phi_{23}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
50449	973	144	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{144}^7\ \Phi_{72}^7\ \Phi_{48}^7\ \Phi_{36}^7\ \Phi_{24}^7\ \Phi_{18}^7\ \Phi_{16}^7\ \Phi_{12}^2\ \Phi_9^7\ \Phi_8^7\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
50450	973	1932	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{161}\ \Phi_{84}\ \Phi_{28}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
50451	973	992	$\frac{19}{992}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{992}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{31}\ \Phi_{16}\ \Phi_8\ \Phi_1$
50452	973	1080	$\frac{1}{18}$	$\frac{107}{1080}$	$\frac{17}{90}$	$\frac{73}{180}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
50453	973	1584	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{181}{792}$	$\frac{611}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
50454	973	224	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{27}{112}$	$\frac{85}{224}$	$\Phi_{224}^7\ \Phi_{56}^4\ \Phi_{32}^7\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
50455	973	1152	$\frac{1}{36}$	$\frac{179}{1152}$	$\frac{35}{144}$	$\frac{109}{288}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
50456	973	1560	$\frac{2}{195}$	$\frac{193}{780}$	$\frac{1}{3}$	$\frac{587}{1560}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{195}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}\ \Phi_{39}\ \Phi_{24}\ \Phi_{15}\ \Phi_{13}\ \Phi_8\ \Phi_5\ \Phi_1$
50457	973	144	$\frac{5}{144}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{144}^7\ \Phi_{72}^7\ \Phi_{48}^7\ \Phi_{36}^7\ \Phi_{24}^7\ \Phi_{18}^7\ \Phi_{16}^7\ \Phi_{12}^7\ \Phi_9^7\ \Phi_8^3\ \Phi_6^7\ \Phi_4^2\ \Phi_3^7\ \Phi_2^2\ \Phi_1^3$
50458	973	1056	$\frac{5}{88}$	$\frac{83}{1056}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
50459	973	216	$\frac{1}{36}$	$\frac{5}{36}$	$\frac{31}{108}$	$\frac{77}{216}$	$\Phi_{216}^7\ \Phi_{72}^7\ \Phi_{36}^6\ \Phi_{24}^7\ \Phi_{18}^6\ \Phi_{12}^6\ \Phi_9^6\ \Phi_8^7\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
50460	973	840	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{34}{105}$	$\frac{71}{210}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
50461	973	1464	$\frac{3}{244}$	$\frac{1}{4}$	$\frac{241}{732}$	$\frac{491}{1464}$	$\Phi_{1464}\ \Phi_{488}\ \Phi_{244}\ \Phi_{122}\ \Phi_{61}\ \Phi_{24}\ \Phi_8\ \Phi_1$
50462	973	423	$\frac{2}{141}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{423}^3\ \Phi_{141}\ \Phi_{47}\ \Phi_9\ \Phi_1$
50463	973	207	$\frac{1}{69}$	$\frac{2}{9}$	$\frac{68}{207}$	$\frac{1}{3}$	$\Phi_{207}^4\ \Phi_{69}^6\ \Phi_{23}^6\ \Phi_9^5\ \Phi_3^6\ \Phi_1^7$
50464	973	1125	$\frac{2}{75}$	$\frac{152}{1125}$	$\frac{73}{225}$	$\frac{1}{3}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{125}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_1$
50465	973	1440	$\frac{13}{480}$	$\frac{2}{15}$	$\frac{467}{1440}$	$\frac{1}{3}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
50466	973	1053	$\frac{2}{39}$	$\frac{80}{1053}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{1053}\ \Phi_{351}\ \Phi_{81}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_1$
50467	973	1404	$\frac{2}{39}$	$\frac{37}{468}$	$\frac{431}{1404}$	$\frac{1}{3}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{108}\ \Phi_{54}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_1$
50468	973	195	$\frac{2}{65}$	$\frac{9}{65}$	$\frac{56}{195}$	$\frac{1}{3}$	$\Phi_{195}^4\ \Phi_{65}^7\ \Phi_{39}^4\ \Phi_{15}^4\ \Phi_{13}^7\ \Phi_5^7\ \Phi_3^3\ \Phi_1^7$
50469	973	1350	$\frac{2}{75}$	$\frac{73}{450}$	$\frac{377}{1350}$	$\frac{1}{3}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{270}\ \Phi_{135}\ \Phi_{75}\ \Phi_{54}\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_1$
50470	973	1656	$\frac{1}{46}$	$\frac{2}{9}$	$\frac{45}{184}$	$\frac{1}{3}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{184}\ \Phi_{92}\ \Phi_{72}\ \Phi_{36}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
50471	973	1200	$\frac{2}{75}$	$\frac{227}{1200}$	$\frac{73}{300}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{120}\ \Phi_{80}\ \Phi_{75}\ \Phi_{48}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
50472	973	156	$\frac{2}{39}$	$\frac{17}{156}$	$\frac{37}{156}$	$\frac{1}{3}$	$\Phi_{156}^6\ \Phi_{78}^6\ \Phi_{52}^6\ \Phi_{39}^7\ \Phi_{26}^6\ \Phi_{13}^7\ \Phi_{12}^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
50473	973	144	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{144}^7\ \Phi_{72}^7\ \Phi_{48}^7\ \Phi_{36}^7\ \Phi_{24}^7\ \Phi_{18}^4\ \Phi_{16}^7\ \Phi_{12}^7\ \Phi_9^5\ \Phi_8^7\ \Phi_6^6\ \Phi_4^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
50474	973	1449	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1449}\ \Phi_{161}\ \Phi_{63}\ \Phi_9\ \Phi_7\ \Phi_1$
50475	973	1248	$\frac{2}{39}$	$\frac{37}{312}$	$\frac{275}{1248}$	$\frac{1}{3}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{208}\ \Phi_{96}\ \Phi_{48}\ \Phi_{39}\ \Phi_{32}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
50476	973	1020	$\frac{47}{1020}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{15}\ \Phi_5\ \Phi_1$
50477	973	1200	$\frac{13}{240}$	$\frac{2}{15}$	$\frac{227}{1200}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_1$
50478	973	1170	$\frac{2}{39}$	$\frac{37}{234}$	$\frac{197}{1170}$	$\frac{1}{3}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_1$
50479	973	1080	$\frac{107}{1080}$	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
50480	973	1440	$\frac{13}{480}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{467}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
50481	973	408	$\frac{3}{68}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{65}{204}$	$\Phi_{408}^4\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
50482	973	360	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{41}{180}$	$\frac{19}{60}$	$\Phi_{360}^4\ \Phi_{180}^3\ \Phi_{90}^3\ \Phi_{72}^4\ \Phi_{45}^3\ \Phi_{40}^4\ \Phi_{36}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
50483	973	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{29}{168}$	$\frac{13}{42}$	$\Phi_{168}^5\ \Phi_{84}^5\ \Phi_{56}^7\ \Phi_{42}^6\ \Phi_{28}^7\ \Phi_{24}^5\ \Phi_{21}^6\ \Phi_{14}^7\ \Phi_{12}^5\ \Phi_8^6\ \Phi_7^7\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
50484	973	1350	$\frac{1}{18}$	$\frac{73}{450}$	$\frac{17}{90}$	$\frac{377}{1350}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
50485	973	144	$\frac{5}{144}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{144}^7\ \Phi_{72}^7\ \Phi_{48}^6\ \Phi_{36}^7\ \Phi_{24}^6\ \Phi_{18}^7\ \Phi_{16}^7\ \Phi_{12}^6\ \Phi_9^7\ \Phi_8^7\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
50486	973	600	$\frac{11}{150}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}^2\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
50487	973	1296	$\frac{1}{36}$	$\frac{35}{144}$	$\frac{323}{1296}$	$\frac{109}{432}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
50488	973	1280	$\frac{13}{320}$	$\frac{3}{16}$	$\frac{307}{1280}$	$\frac{1}{4}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{256}\ \Phi_{128}\ \Phi_{16}\ \Phi_8\ \Phi_1$
50489	973	1024	$\frac{51}{1024}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{16}\ \Phi_8\ \Phi_1$
50490	973	1200	$\frac{13}{240}$	$\frac{3}{16}$	$\frac{227}{1200}$	$\frac{1}{4}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_8\ \Phi_1$
50491	973	1040	$\frac{67}{1040}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
50492	973	1152	$\frac{13}{192}$	$\frac{179}{1152}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
50493	973	1056	$\frac{83}{1056}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
50494	973	160	$\frac{13}{160}$	$\frac{21}{160}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{160}^6\ \Phi_{80}^6\ \Phi_{40}^6\ \Phi_{32}^6\ \Phi_{20}^6\ \Phi_{16}^7\ \Phi_{10}^6\ \Phi_8^7\ \Phi_5^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
50495	973	360	$\frac{4}{45}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{41}{180}$	$\Phi_{360}^3\ \Phi_{180}^2\ \Phi_{120}^3\ \Phi_{90}^2\ \Phi_{72}^3\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{40}^4\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
50496	974	2904	$\frac{3}{484}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{481}{968}$	$\Phi_{2904}\ \Phi_{264}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
50497	974	834	$\frac{1}{139}$	$\frac{70}{417}$	$\frac{347}{834}$	$\frac{69}{139}$	$\Phi_{834}^2\ \Phi_{278}^2\ \Phi_{139}\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
50498	974	966	$\frac{4}{483}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{479}{966}$	$\Phi_{966}^2\ \Phi_{322}^2\ \Phi_{138}^2\ \Phi_{46}^2\ \Phi_{42}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
50499	974	960	$\frac{7}{480}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{473}{960}$	$\Phi_{960}^2\ \Phi_{320}^2\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
50500	974	952	$\frac{11}{476}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{465}{952}$	$\Phi_{952}^2\ \Phi_{136}^2\ \Phi_{56}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
50501	974	588	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{101}{588}$	$\frac{95}{196}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{84}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
50502	974	945	$\frac{29}{945}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{458}{945}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_9\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
50503	974	560	$\frac{3}{70}$	$\frac{73}{560}$	$\frac{1}{7}$	$\frac{67}{140}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
50504	974	931	$\frac{43}{931}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{444}{931}$	$\Phi_{931}\ \Phi_{133}\ \Phi_{49}^2\ \Phi_{19}\ \Phi_7\ \Phi_1^2$
50505	974	910	$\frac{32}{455}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{423}{910}$	$\Phi_{910}^2\ \Phi_{182}^2\ \Phi_{130}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
50506	974	882	$\frac{3}{49}$	$\frac{46}{441}$	$\frac{1}{7}$	$\frac{395}{882}$	$\Phi_{882}^2\ \Phi_{294}^2\ \Phi_{126}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
50507	974	1488	$\frac{9}{496}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
50508	974	2562	$\frac{1}{61}$	$\frac{60}{427}$	$\frac{1}{3}$	$\frac{367}{854}$	$\Phi_{2562}\ \Phi_{366}\ \Phi_{183}\ \Phi_{42}\ \Phi_6$
50509	974	644	$\frac{4}{161}$	$\frac{1}{7}$	$\frac{157}{644}$	$\frac{3}{7}$	$\Phi_{644}^2\ \Phi_{322}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
50510	974	504	$\frac{17}{504}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
50511	974	840	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{67}{420}$	$\frac{353}{840}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{24}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
50512	974	504	$\frac{17}{504}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
50513	974	784	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{95}{392}$	$\frac{297}{784}$	$\Phi_{784}^2\ \Phi_{112}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
50514	974	735	$\frac{6}{245}$	$\frac{1}{7}$	$\frac{239}{735}$	$\frac{248}{735}$	$\Phi_{735}\ \Phi_{245}^2\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
50515	974	732	$\frac{1}{122}$	$\frac{121}{366}$	$\frac{1}{3}$	$\frac{245}{732}$	$\Phi_{732}^2\ \Phi_{366}\ \Phi_{244}^2\ \Phi_{183}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
50516	974	720	$\frac{7}{240}$	$\frac{1}{8}$	$\frac{233}{720}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
50517	974	504	$\frac{17}{504}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_7^2\ \Phi_6$
50518	974	528	$\frac{3}{44}$	$\frac{41}{528}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50519	974	1920	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{153}{640}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{384}\ \Phi_{192}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
50520	974	1536	$\frac{25}{512}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
50521	974	600	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{113}{600}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
50522	974	1560	$\frac{33}{520}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
50523	974	576	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{576}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{64}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
50524	974	528	$\frac{41}{528}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
50525	974	1680	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{560}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
50526	974	630	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{143}{630}$	$\frac{67}{210}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
50527	974	714	$\frac{11}{238}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{227}{714}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
50528	974	588	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{101}{588}$	$\frac{46}{147}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{84}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
50529	974	525	$\frac{38}{525}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
50530	974	630	$\frac{29}{315}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{143}{630}$	$\Phi_{630}^2\ \Phi_{315}\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
50531	975	776	$\frac{1}{194}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{193}{388}$	$\Phi_{776}^2\ \Phi_{388}\ \Phi_8^3\ \Phi_4\ \Phi_1$
50532	975	888	$\frac{1}{74}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{73}{148}$	$\Phi_{888}^2\ \Phi_{296}^2\ \Phi_{148}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
50533	975	2220	$\frac{1}{74}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{73}{148}$	$\Phi_{2220}\ \Phi_{740}\ \Phi_{148}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_5\ \Phi_4\ \Phi_1$
50534	975	1332	$\frac{1}{74}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{73}{148}$	$\Phi_{1332}^2\ \Phi_{148}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
50535	975	592	$\frac{1}{74}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{73}{148}$	$\Phi_{592}^2\ \Phi_{296}^2\ \Phi_{148}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
50536	975	896	$\frac{1}{64}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{63}{128}$	$\Phi_{896}^2\ \Phi_{128}^3\ \Phi_{28}\ \Phi_4\ \Phi_1$
50537	975	896	$\frac{1}{64}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{63}{128}$	$\Phi_{896}^2\ \Phi_{128}^3\ \Phi_7^2\ \Phi_1^3$
50538	975	384	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{63}{128}$	$\Phi_{384}^6\ \Phi_{128}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
50539	975	912	$\frac{1}{38}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{37}{76}$	$\Phi_{912}^2\ \Phi_{304}^2\ \Phi_{76}\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
50540	975	2052	$\frac{1}{38}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{2052}\ \Phi_{684}\ \Phi_{108}\ \Phi_{76}\ \Phi_{36}\ \Phi_{27}\ \Phi_9\ \Phi_4\ \Phi_1$
50541	975	684	$\frac{1}{38}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{37}{76}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{76}\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_4\ \Phi_1$
50542	975	532	$\frac{1}{38}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{37}{76}$	$\Phi_{532}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{76}\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4\ \Phi_1$
50543	975	608	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{37}{76}$	$\Phi_{608}^2\ \Phi_{304}^2\ \Phi_{76}\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
50544	975	228	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{37}{76}$	$\Phi_{228}^8\ \Phi_{76}^9\ \Phi_{12}^8\ \Phi_6^4\ \Phi_4^9\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
50545	975	1008	$\frac{2}{63}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
50546	975	126	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{61}{126}$	$\Phi_{126}^6\ \Phi_{63}^9\ \Phi_{42}^7\ \Phi_{21}^{10}\ \Phi_{18}^6\ \Phi_{14}^7\ \Phi_9^9\ \Phi_7^9\ \Phi_6^6\ \Phi_3^9\ \Phi_2^6\ \Phi_1^9$
50547	975	672	$\frac{1}{28}$	$\frac{29}{224}$	$\frac{1}{6}$	$\frac{27}{56}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}\ \Phi_{112}\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
50548	975	912	$\frac{1}{24}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{23}{48}$	$\Phi_{912}^2\ \Phi_{304}^2\ \Phi_{48}^3\ \Phi_{19}^2\ \Phi_{16}^3\ \Phi_1^3$
50549	975	336	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{336}^6\ \Phi_{112}^6\ \Phi_{48}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
50550	975	176	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{176}^6\ \Phi_{88}^5\ \Phi_{44}^6\ \Phi_{22}^5\ \Phi_{16}^5\ \Phi_{11}^5\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
50551	975	672	$\frac{1}{32}$	$\frac{1}{14}$	$\frac{31}{96}$	$\frac{13}{28}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{96}^3\ \Phi_{84}^2\ \Phi_{48}^3\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
50552	975	476	$\frac{3}{68}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{476}^2\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{28}\ \Phi_{17}^3\ \Phi_4\ \Phi_1$
50553	975	112	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{3}{16}$	$\frac{13}{28}$	$\Phi_{112}^8\ \Phi_{56}^8\ \Phi_{28}^9\ \Phi_{16}^{12}\ \Phi_{14}^8\ \Phi_8^{12}\ \Phi_7^8\ \Phi_4^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
50554	975	84	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{84}^{26}\ \Phi_{42}^2\ \Phi_{28}^{13}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^{26}\ \Phi_7\ \Phi_6\ \Phi_4^{13}\ \Phi_3\ \Phi_1$
50555	975	504	$\frac{1}{14}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{13}{28}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^3\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
50556	975	888	$\frac{1}{37}$	$\frac{1}{12}$	$\frac{12}{37}$	$\frac{11}{24}$	$\Phi_{888}^2\ \Phi_{296}^2\ \Phi_{37}^2\ \Phi_{24}^3\ \Phi_8^3\ \Phi_1^3$
50557	975	312	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{312}^6\ \Phi_{104}^6\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{24}^3\ \Phi_{13}\ \Phi_8^3\ \Phi_4\ \Phi_1$
50558	975	888	$\frac{2}{37}$	$\frac{1}{12}$	$\frac{7}{37}$	$\frac{11}{24}$	$\Phi_{888}^2\ \Phi_{296}^2\ \Phi_{37}^2\ \Phi_{24}^3\ \Phi_8^3\ \Phi_1^3$
50559	975	48	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{48}^{22}\ \Phi_{24}^{17}\ \Phi_{16}^{21}\ \Phi_{12}^{22}\ \Phi_8^{16}\ \Phi_6^{21}\ \Phi_4^{21}\ \Phi_3^{21}\ \Phi_2^{20}\ \Phi_1^{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
50560	975	910	$\frac{1}{26}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{910}\ \Phi_{455}\ \Phi_{182}\ \Phi_{130}^2\ \Phi_{91}\ \Phi_{65}^2\ \Phi_{35}\ \Phi_{26}\ \Phi_{13}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
50561	975	208	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{208}^4\ \Phi_{104}^6\ \Phi_{52}^6\ \Phi_{26}^5\ \Phi_{16}^2\ \Phi_{13}^5\ \Phi_8^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
50562	975	336	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{1}{6}$	$\frac{47}{112}$	$\Phi_{336}^6\ \Phi_{112}^3\ \Phi_{84}^2\ \Phi_{48}^6\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{16}^3\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
50563	975	144	$\frac{1}{16}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{144}^8\ \Phi_{72}^7\ \Phi_{48}^6\ \Phi_{36}^7\ \Phi_{24}^5\ \Phi_{18}^7\ \Phi_{16}^5\ \Phi_{12}^6\ \Phi_9^7\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
50564	975	176	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{176}^6\ \Phi_{88}^6\ \Phi_{44}^6\ \Phi_{22}\ \Phi_{16}^5\ \Phi_{11}^5\ \Phi_8^5\ \Phi_4^5\ \Phi_1^5$
50565	975	832	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{832}^2\ \Phi_{104}^2\ \Phi_{64}\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_4\ \Phi_1$
50566	975	776	$\frac{1}{97}$	$\frac{1}{4}$	$\frac{32}{97}$	$\frac{3}{8}$	$\Phi_{776}^2\ \Phi_{97}^2\ \Phi_8^3\ \Phi_1^3$
50567	975	264	$\frac{1}{66}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^6\ \Phi_{132}^2\ \Phi_{88}^6\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{24}^6\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
50568	975	776	$\frac{2}{97}$	$\frac{19}{97}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{776}^2\ \Phi_{97}^2\ \Phi_8^3\ \Phi_1^3$
50569	975	120	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^{10}\ \Phi_{60}^{10}\ \Phi_{40}^5\ \Phi_{30}^{10}\ \Phi_{24}^8\ \Phi_{20}^5\ \Phi_{15}^{10}\ \Phi_{12}^{10}\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^9\ \Phi_5^5\ \Phi_4^5\ \Phi_3^9\ \Phi_2^4\ \Phi_1^5$
50570	975	776	$\frac{6}{97}$	$\frac{7}{97}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{776}^2\ \Phi_{97}^2\ \Phi_8^3\ \Phi_1^3$
50571	975	112	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{112}^{10}\ \Phi_{56}^8\ \Phi_{28}^{10}\ \Phi_{16}^5\ \Phi_{14}^9\ \Phi_8^4\ \Phi_7^9\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
50572	975	260	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{260}^6\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{52}^6\ \Phi_{26}\ \Phi_{20}^3\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_4^3\ \Phi_1$
50573	975	266	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{266}^4\ \Phi_{133}^4\ \Phi_{38}\ \Phi_{19}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_1^3$
50574	975	294	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{16}{49}$	$\frac{33}{98}$	$\Phi_{294}^4\ \Phi_{147}^4\ \Phi_{98}\ \Phi_{49}^3\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{14}\ \Phi_7^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
50575	975	487	$\frac{4}{487}$	$\frac{161}{487}$	$\frac{162}{487}$	$\frac{163}{487}$	$\Phi_{487}^2\ \Phi_1^3$
50576	975	555	$\frac{1}{37}$	$\frac{2}{15}$	$\frac{12}{37}$	$\frac{1}{3}$	$\Phi_{555}^2\ \Phi_{185}^2\ \Phi_{37}^2\ \Phi_{15}^3\ \Phi_5^3\ \Phi_1^3$
50577	975	513	$\frac{1}{19}$	$\frac{2}{27}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{513}^2\ \Phi_{171}^2\ \Phi_{27}^3\ \Phi_{19}^2\ \Phi_9^3\ \Phi_1^3$
50578	975	780	$\frac{1}{26}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{130}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_5\ \Phi_4\ \Phi_1$
50579	975	756	$\frac{1}{14}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}\ \Phi_{252}^2\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{27}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
50580	975	336	$\frac{1}{16}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}^2\ \Phi_{56}^3\ \Phi_{48}^4\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
50581	975	144	$\frac{1}{16}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{144}^7\ \Phi_{72}^6\ \Phi_{48}^8\ \Phi_{36}^6\ \Phi_{24}^7\ \Phi_{18}^6\ \Phi_{16}^7\ \Phi_{12}^7\ \Phi_9^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
50582	975	555	$\frac{2}{37}$	$\frac{2}{15}$	$\frac{7}{37}$	$\frac{1}{3}$	$\Phi_{555}^2\ \Phi_{185}^2\ \Phi_{37}^2\ \Phi_{15}^3\ \Phi_5^3\ \Phi_1^3$
50583	975	240	$\frac{1}{16}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{60}^5\ \Phi_{48}^2\ \Phi_{40}^5\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^5\ \Phi_{16}\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
50584	975	666	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{12}{37}$	$\Phi_{666}^2\ \Phi_{333}^2\ \Phi_{37}^2\ \Phi_{18}^3\ \Phi_9^3\ \Phi_1^3$
50585	975	592	$\frac{1}{37}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{12}{37}$	$\Phi_{592}^2\ \Phi_{296}^2\ \Phi_{37}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_1^3$
50586	975	672	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{31}{96}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{96}^3\ \Phi_{84}^2\ \Phi_{48}^3\ \Phi_{42}^2\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
50587	975	96	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{31}{96}$	$\Phi_{96}^9\ \Phi_{48}^9\ \Phi_{32}^{12}\ \Phi_{24}^9\ \Phi_{16}^{12}\ \Phi_{12}^{11}\ \Phi_8^{12}\ \Phi_6^{10}\ \Phi_4^{13}\ \Phi_3^{10}\ \Phi_2^{12}\ \Phi_1^{13}$
50588	975	84	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{19}{84}$	$\frac{9}{28}$	$\Phi_{84}^{11}\ \Phi_{42}^{11}\ \Phi_{28}^{13}\ \Phi_{21}^{11}\ \Phi_{14}^{13}\ \Phi_{12}^{11}\ \Phi_7^{13}\ \Phi_6^{10}\ \Phi_4^{13}\ \Phi_3^{10}\ \Phi_2^{12}\ \Phi_1^{13}$
50589	975	684	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{6}{19}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{36}^3\ \Phi_{19}^2\ \Phi_{18}^3\ \Phi_9^3\ \Phi_1^3$
50590	975	532	$\frac{1}{19}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{532}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{28}^3\ \Phi_{19}^2\ \Phi_{14}^3\ \Phi_7^3\ \Phi_1^3$
50591	975	608	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{6}{19}$	$\Phi_{608}^2\ \Phi_{304}^2\ \Phi_{32}^3\ \Phi_{19}^2\ \Phi_{16}^3\ \Phi_1^3$
50592	975	114	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{6}{19}$	$\Phi_{114}^8\ \Phi_{57}^8\ \Phi_{38}^8\ \Phi_{19}^{10}\ \Phi_6^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{15}$
50593	975	487	$\frac{31}{487}$	$\frac{67}{487}$	$\frac{84}{487}$	$\frac{152}{487}$	$\Phi_{487}^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
50594	975	588	$\frac{13}{196}$	$\frac{27}{196}$	$\frac{1}{6}$	$\frac{61}{196}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}\ \Phi_{147}^2\ \Phi_{98}\ \Phi_{84}^2\ \Phi_{49}\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
50595	975	252	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{63}^6\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{18}^3\ \Phi_{14}\ \Phi_9^3\ \Phi_7\ \Phi_4\ \Phi_1$
50596	975	476	$\frac{3}{68}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{476}^2\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_7^2\ \Phi_1^3$
50597	975	112	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{2}{7}$	$\Phi_{112}^8\ \Phi_{56}^8\ \Phi_{28}^8\ \Phi_{16}^{12}\ \Phi_{14}^8\ \Phi_8^{12}\ \Phi_7^{10}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{15}$
50598	975	42	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{42}^{28}\ \Phi_{21}^{28}\ \Phi_{14}^{13}\ \Phi_7^{15}\ \Phi_6^{27}\ \Phi_3^{27}\ \Phi_2^{12}\ \Phi_1^{15}$
50599	975	504	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^3\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
50600	975	487	$\frac{27}{487}$	$\frac{79}{487}$	$\frac{92}{487}$	$\frac{136}{487}$	$\Phi_{487}^2\ \Phi_1^3$
50601	975	468	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{468}^4\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{52}^2\ \Phi_{36}^2\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_4\ \Phi_1$
50602	975	666	$\frac{2}{37}$	$\frac{1}{6}$	$\frac{7}{37}$	$\frac{5}{18}$	$\Phi_{666}^2\ \Phi_{333}^2\ \Phi_{37}^2\ \Phi_{18}^3\ \Phi_9^3\ \Phi_1^3$
50603	975	144	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{144}^{10}\ \Phi_{72}^{10}\ \Phi_{48}^2\ \Phi_{36}^{10}\ \Phi_{24}^2\ \Phi_{18}^5\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9^5\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
50604	975	532	$\frac{1}{14}$	$\frac{11}{76}$	$\frac{13}{76}$	$\frac{21}{76}$	$\Phi_{532}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{76}\ \Phi_{38}\ \Phi_{28}^2\ \Phi_{19}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
50605	975	487	$\frac{32}{487}$	$\frac{71}{487}$	$\frac{91}{487}$	$\frac{132}{487}$	$\Phi_{487}^2\ \Phi_1^3$
50606	975	588	$\frac{11}{196}$	$\frac{1}{6}$	$\frac{37}{196}$	$\frac{53}{196}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}\ \Phi_{147}^2\ \Phi_{98}\ \Phi_{84}^2\ \Phi_{49}\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
50607	975	208	$\frac{1}{26}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{208}^6\ \Phi_{104}^6\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{16}^3\ \Phi_{13}\ \Phi_8^3\ \Phi_4\ \Phi_1$
50608	975	204	$\frac{3}{68}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{204}^6\ \Phi_{102}^6\ \Phi_{68}^3\ \Phi_{51}^6\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
50609	975	28	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{28}^{35}\ \Phi_{14}^{34}\ \Phi_7^{34}\ \Phi_4^{37}\ \Phi_2^{36}\ \Phi_1^{37}$
50610	975	768	$\frac{3}{64}$	$\frac{1}{6}$	$\frac{61}{256}$	$\frac{1}{4}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}\ \Phi_{128}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
50611	975	224	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{224}^6\ \Phi_{112}^6\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
50612	975	592	$\frac{2}{37}$	$\frac{3}{16}$	$\frac{7}{37}$	$\frac{1}{4}$	$\Phi_{592}^2\ \Phi_{296}^2\ \Phi_{37}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_1^3$
50613	975	48	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{48}^{24}\ \Phi_{24}^{24}\ \Phi_{16}^{12}\ \Phi_{12}^{26}\ \Phi_8^{12}\ \Phi_6^{25}\ \Phi_4^{13}\ \Phi_3^{25}\ \Phi_2^{12}\ \Phi_1^{13}$
50614	975	652	$\frac{21}{326}$	$\frac{53}{326}$	$\frac{61}{326}$	$\frac{1}{4}$	$\Phi_{652}^2\ \Phi_{326}\ \Phi_{163}\ \Phi_4\ \Phi_1$
50615	975	84	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{84}^{16}\ \Phi_{42}^8\ \Phi_{28}^{18}\ \Phi_{21}^8\ \Phi_{14}^9\ \Phi_{12}^8\ \Phi_7^9\ \Phi_6^4\ \Phi_4^9\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
50616	975	672	$\frac{3}{32}$	$\frac{29}{224}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}\ \Phi_{168}^2\ \Phi_{112}\ \Phi_{84}^2\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
50617	975	72	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{72}^{15}\ \Phi_{36}^{15}\ \Phi_{24}^9\ \Phi_{18}^{15}\ \Phi_{12}^{11}\ \Phi_9^{15}\ \Phi_8^{12}\ \Phi_6^{10}\ \Phi_4^{13}\ \Phi_3^{10}\ \Phi_2^{12}\ \Phi_1^{13}$
50618	975	84	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{19}{84}$	$\Phi_{84}^{15}\ \Phi_{42}^7\ \Phi_{28}^{15}\ \Phi_{21}^{10}\ \Phi_{14}^7\ \Phi_{12}^{15}\ \Phi_7^9\ \Phi_6^6\ \Phi_4^{15}\ \Phi_3^9\ \Phi_2^6\ \Phi_1^9$
50619	976	243	$\frac{1}{243}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{121}{243}$	$\Phi_{243}^4\ \Phi_{81}^4\ \Phi_{27}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
50620	976	195	$\frac{1}{195}$	$\frac{49}{195}$	$\frac{73}{195}$	$\frac{97}{195}$	$\Phi_{195}^5\ \Phi_{65}^5\ \Phi_{39}^5\ \Phi_{15}^5\ \Phi_{13}^5\ \Phi_5^5\ \Phi_3^5\ \Phi_1^6$
50621	976	489	$\frac{1}{163}$	$\frac{41}{163}$	$\frac{1}{3}$	$\frac{81}{163}$	$\Phi_{489}^3\ \Phi_3^2$
50622	976	485	$\frac{3}{485}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{241}{485}$	$\Phi_{485}^2\ \Phi_{97}^2\ \Phi_5^3\ \Phi_1^4$
50623	976	847	$\frac{1}{121}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{60}{121}$	$\Phi_{847}\ \Phi_{121}^2\ \Phi_{77}\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
50624	976	1815	$\frac{1}{121}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{60}{121}$	$\Phi_{1815}\ \Phi_{165}\ \Phi_{15}^2$
50625	976	325	$\frac{3}{325}$	$\frac{41}{325}$	$\frac{142}{325}$	$\frac{161}{325}$	$\Phi_{325}^3\ \Phi_{65}^3\ \Phi_{25}^3\ \Phi_{13}^3\ \Phi_5^3\ \Phi_1^4$
50626	976	245	$\frac{3}{245}$	$\frac{1}{5}$	$\frac{62}{245}$	$\frac{121}{245}$	$\Phi_{245}^4\ \Phi_{49}^4\ \Phi_{35}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
50627	976	225	$\frac{1}{75}$	$\frac{19}{225}$	$\frac{103}{225}$	$\frac{37}{75}$	$\Phi_{225}^4\ \Phi_{75}^5\ \Phi_{45}^4\ \Phi_{25}^5\ \Phi_{15}^5\ \Phi_9^4\ \Phi_5^5\ \Phi_3^5\ \Phi_1^6$
50628	976	675	$\frac{1}{75}$	$\frac{38}{225}$	$\frac{187}{675}$	$\frac{37}{75}$	$\Phi_{675}^2\ \Phi_{135}^2\ \Phi_{75}\ \Phi_{27}^2\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
50629	976	75	$\frac{1}{75}$	$\frac{14}{75}$	$\frac{19}{75}$	$\frac{37}{75}$	$\Phi_{75}^{13}\ \Phi_{25}^{13}\ \Phi_{15}^{13}\ \Phi_5^{13}\ \Phi_3^{13}\ \Phi_1^{14}$
50630	976	489	$\frac{7}{489}$	$\frac{62}{489}$	$\frac{1}{3}$	$\frac{241}{489}$	$\Phi_{489}^2\ \Phi_{163}^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
50631	976	481	$\frac{7}{481}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{237}{481}$	$\Phi_{481}^2\ \Phi_{37}^2\ \Phi_{13}^3\ \Phi_1^4$
50632	976	455	$\frac{1}{65}$	$\frac{33}{455}$	$\frac{211}{455}$	$\frac{32}{65}$	$\Phi_{455}^2\ \Phi_{91}^2\ \Phi_{65}^3\ \Phi_{35}^2\ \Phi_{13}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^4$
50633	976	120	$\frac{1}{60}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{59}{120}$	$\Phi_{120}^{16}\ \Phi_{40}^{16}\ \Phi_{24}^{16}\ \Phi_{15}\ \Phi_8^{16}\ \Phi_5\ \Phi_3\ \Phi_1^2$
50634	976	360	$\frac{1}{60}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{59}{120}$	$\Phi_{360}^6\ \Phi_{120}^4\ \Phi_{72}^6\ \Phi_{40}^4\ \Phi_{24}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
50635	976	120	$\frac{1}{60}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{59}{120}$	$\Phi_{120}^{16}\ \Phi_{40}^{16}\ \Phi_{24}^{16}\ \Phi_8^{16}\ \Phi_5^3\ \Phi_1^4$
50636	976	735	$\frac{1}{49}$	$\frac{25}{147}$	$\frac{1}{5}$	$\frac{24}{49}$	$\Phi_{735}^2\ \Phi_{245}\ \Phi_{105}^2\ \Phi_{35}\ \Phi_{15}^2$
50637	976	738	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{21}{82}$	$\frac{20}{41}$	$\Phi_{738}^2\ \Phi_{369}\ \Phi_{246}^2\ \Phi_{123}\ \Phi_{18}^2\ \Phi_6^2$
50638	976	595	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{58}{119}$	$\Phi_{595}^2\ \Phi_{85}^2\ \Phi_{35}^3\ \Phi_5^2$
50639	976	117	$\frac{1}{39}$	$\frac{5}{117}$	$\frac{56}{117}$	$\frac{19}{39}$	$\Phi_{117}^8\ \Phi_{39}^9\ \Phi_{13}^9\ \Phi_9^8\ \Phi_3^9\ \Phi_1^{10}$
50640	976	351	$\frac{1}{39}$	$\frac{10}{117}$	$\frac{107}{351}$	$\frac{19}{39}$	$\Phi_{351}^4\ \Phi_{39}\ \Phi_{27}^4\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
50641	976	273	$\frac{1}{39}$	$\frac{29}{273}$	$\frac{10}{39}$	$\frac{19}{39}$	$\Phi_{273}^4\ \Phi_{91}^4\ \Phi_{39}\ \Phi_{21}^4\ \Phi_{13}\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
50642	976	78	$\frac{1}{39}$	$\frac{5}{39}$	$\frac{17}{78}$	$\frac{19}{39}$	$\Phi_{78}^{16}\ \Phi_{39}^9\ \Phi_{26}^{16}\ \Phi_{13}^9\ \Phi_6^{16}\ \Phi_3^9\ \Phi_2^{16}\ \Phi_1^{10}$
50643	976	585	$\frac{1}{39}$	$\frac{97}{585}$	$\frac{20}{117}$	$\frac{19}{39}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{65}^2\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
50644	976	475	$\frac{13}{475}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{231}{475}$	$\Phi_{475}^2\ \Phi_{95}^2\ \Phi_{25}^3\ \Phi_{19}^2\ \Phi_5^3\ \Phi_1^4$
50645	976	70	$\frac{1}{35}$	$\frac{9}{70}$	$\frac{1}{5}$	$\frac{17}{35}$	$\Phi_{70}^{16}\ \Phi_{35}^{12}\ \Phi_{14}^{16}\ \Phi_{10}^{16}\ \Phi_7^{12}\ \Phi_5^{11}\ \Phi_2^{16}\ \Phi_1^{12}$
50646	976	945	$\frac{31}{945}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{457}{945}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
50647	976	945	$\frac{31}{945}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{457}{945}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_9\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
50648	976	165	$\frac{7}{165}$	$\frac{1}{15}$	$\frac{43}{165}$	$\frac{79}{165}$	$\Phi_{165}^6\ \Phi_{55}^6\ \Phi_{33}^6\ \Phi_{15}^5\ \Phi_{11}^6\ \Phi_5^5\ \Phi_3^5\ \Phi_1^6$
50649	976	117	$\frac{5}{117}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{56}{117}$	$\Phi_{117}^8\ \Phi_{39}^8\ \Phi_{13}^{11}\ \Phi_9^8\ \Phi_3^8\ \Phi_1^{12}$
50650	976	117	$\frac{5}{117}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{56}{117}$	$\Phi_{117}^8\ \Phi_{39}^9\ \Phi_{13}^9\ \Phi_9^8\ \Phi_3^9\ \Phi_1^{10}$
50651	976	65	$\frac{3}{65}$	$\frac{4}{65}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{65}^{15}\ \Phi_{13}^{15}\ \Phi_5^{15}\ \Phi_1^{16}$
50652	976	315	$\frac{2}{63}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{315}^3\ \Phi_{105}^3\ \Phi_{63}^4\ \Phi_{45}^3\ \Phi_{35}^3\ \Phi_{21}^4\ \Phi_{15}\ \Phi_9^4\ \Phi_7^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
50653	976	90	$\frac{1}{30}$	$\frac{1}{15}$	$\frac{29}{90}$	$\frac{7}{15}$	$\Phi_{90}^{16}\ \Phi_{45}^{16}\ \Phi_{18}^{16}\ \Phi_{15}\ \Phi_9^{16}\ \Phi_5\ \Phi_3\ \Phi_1^2$
50654	976	255	$\frac{11}{255}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{255}^4\ \Phi_{85}^4\ \Phi_{51}^4\ \Phi_{17}^4\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
50655	976	960	$\frac{3}{64}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
50656	976	240	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{19}{80}$	$\frac{7}{15}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^6\ \Phi_{48}^5\ \Phi_{40}^6\ \Phi_{24}^5\ \Phi_{16}^6\ \Phi_{15}\ \Phi_8^6\ \Phi_5\ \Phi_3\ \Phi_1^2$
50657	976	195	$\frac{4}{65}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{195}^5\ \Phi_{65}^6\ \Phi_{39}^5\ \Phi_{15}\ \Phi_{13}^6\ \Phi_5\ \Phi_3\ \Phi_1^2$
50658	976	75	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{7}{15}$	$\Phi_{75}^{16}\ \Phi_{25}^{16}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
50659	976	330	$\frac{1}{15}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{330}^3\ \Phi_{165}^3\ \Phi_{110}^3\ \Phi_{66}^4\ \Phi_{55}^3\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{15}\ \Phi_{11}^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
50660	976	360	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{7}{15}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^4\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_9^4\ \Phi_8^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
50661	976	135	$\frac{1}{15}$	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{7}{15}$	$\Phi_{135}^8\ \Phi_{45}^8\ \Phi_{27}^8\ \Phi_{15}\ \Phi_9^8\ \Phi_5\ \Phi_3\ \Phi_1^2$
50662	976	210	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{7}{15}$	$\Phi_{210}^5\ \Phi_{105}^5\ \Phi_{70}^6\ \Phi_{42}^5\ \Phi_{35}^6\ \Phi_{21}^5\ \Phi_{15}\ \Phi_{14}^6\ \Phi_7^6\ \Phi_5\ \Phi_3\ \Phi_1^2$
50663	976	455	$\frac{2}{35}$	$\frac{33}{455}$	$\frac{1}{5}$	$\frac{211}{455}$	$\Phi_{455}^2\ \Phi_{91}^2\ \Phi_{65}^2\ \Phi_{35}^4\ \Phi_{13}^2\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
50664	976	225	$\frac{1}{25}$	$\frac{19}{225}$	$\frac{6}{25}$	$\frac{103}{225}$	$\Phi_{225}^4\ \Phi_{75}^4\ \Phi_{45}^4\ \Phi_{25}^7\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^7\ \Phi_3^4\ \Phi_1^8$
50665	976	225	$\frac{1}{15}$	$\frac{19}{225}$	$\frac{7}{45}$	$\frac{103}{225}$	$\Phi_{225}^4\ \Phi_{75}^4\ \Phi_{45}^6\ \Phi_{25}^4\ \Phi_{15}^5\ \Phi_9^6\ \Phi_5^5\ \Phi_3^5\ \Phi_1^6$
50666	976	65	$\frac{4}{65}$	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{29}{65}$	$\Phi_{65}^{15}\ \Phi_{13}^{15}\ \Phi_5^{15}\ \Phi_1^{16}$
50667	976	875	$\frac{1}{25}$	$\frac{101}{875}$	$\frac{24}{125}$	$\frac{387}{875}$	$\Phi_{875}\ \Phi_{175}\ \Phi_{125}^2\ \Phi_{35}\ \Phi_{25}\ \Phi_7\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
50668	976	75	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{14}{75}$	$\frac{11}{25}$	$\Phi_{75}^{16}\ \Phi_{25}^{7}\ \Phi_{15}^{16}\ \Phi_{5}^{7}\ \Phi_{3}^{16}\ \Phi_{1}^{8}$
50669	976	1302	$\frac{1}{62}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{186}^{2}\ \Phi_{93}^{2}\ \Phi_{42}\ \Phi_{6}^{2}$
50670	976	315	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{315}^{4}\ \Phi_{105}^{4}\ \Phi_{45}^{4}\ \Phi_{35}^{3}\ \Phi_{15}^{4}\ \Phi_{5}^{2}$
50671	976	462	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{462}^{2}\ \Phi_{231}^{2}\ \Phi_{154}^{2}\ \Phi_{77}\ \Phi_{66}^{4}\ \Phi_{42}^{2}\ \Phi_{33}^{4}\ \Phi_{22}^{4}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
50672	976	135	$\frac{1}{15}$	$\frac{13}{135}$	$\frac{7}{45}$	$\frac{19}{45}$	$\Phi_{135}^{8}\ \Phi_{45}^{6}\ \Phi_{27}^{8}\ \Phi_{15}^{5}\ \Phi_{9}^{6}\ \Phi_{5}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
50673	976	105	$\frac{1}{35}$	$\frac{17}{105}$	$\frac{1}{5}$	$\frac{44}{105}$	$\Phi_{105}^{8}\ \Phi_{35}^{12}\ \Phi_{21}^{8}\ \Phi_{15}^{8}\ \Phi_{7}^{12}\ \Phi_{5}^{11}\ \Phi_{3}^{8}\ \Phi_{1}^{12}$
50674	976	1054	$\frac{1}{62}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1054}\ \Phi_{527}\ \Phi_{34}$
50675	976	825	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{151}{825}$	$\frac{337}{825}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{165}^{2}\ \Phi_{75}\ \Phi_{55}^{2}\ \Phi_{33}^{2}\ \Phi_{25}\ \Phi_{15}\ \Phi_{11}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
50676	976	125	$\frac{3}{125}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{125}^{8}\ \Phi_{25}^{8}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
50677	976	100	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{11}{50}$	$\frac{39}{100}$	$\Phi_{100}^{16}\ \Phi_{25}^{7}\ \Phi_{20}^{16}\ \Phi_{5}^{7}\ \Phi_{4}^{16}\ \Phi_{1}^{8}$
50678	976	65	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{65}^{16}\ \Phi_{13}^{11}\ \Phi_{5}^{16}\ \Phi_{1}^{12}$
50679	976	490	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{12}{49}$	$\frac{37}{98}$	$\Phi_{490}^{4}\ \Phi_{245}\ \Phi_{70}^{4}\ \Phi_{35}\ \Phi_{10}^{4}$
50680	976	975	$\frac{11}{975}$	$\frac{241}{975}$	$\frac{304}{975}$	$\frac{367}{975}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{195}\ \Phi_{75}\ \Phi_{65}\ \Phi_{39}\ \Phi_{25}\ \Phi_{15}\ \Phi_{13}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
50681	976	489	$\frac{5}{489}$	$\frac{121}{489}$	$\frac{1}{3}$	$\frac{184}{489}$	$\Phi_{489}^{2}\ \Phi_{163}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
50682	976	195	$\frac{1}{65}$	$\frac{16}{65}$	$\frac{49}{195}$	$\frac{73}{195}$	$\Phi_{195}^{4}\ \Phi_{65}^{7}\ \Phi_{39}^{4}\ \Phi_{15}^{4}\ \Phi_{13}^{7}\ \Phi_{5}^{7}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
50683	976	125	$\frac{3}{125}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{125}^{8}\ \Phi_{25}^{7}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
50684	976	375	$\frac{1}{25}$	$\frac{12}{125}$	$\frac{113}{375}$	$\frac{131}{375}$	$\Phi_{375}^{2}\ \Phi_{125}^{4}\ \Phi_{75}^{2}\ \Phi_{25}^{3}\ \Phi_{15}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
50685	976	741	$\frac{12}{247}$	$\frac{1}{13}$	$\frac{235}{741}$	$\frac{253}{741}$	$\Phi_{741}\ \Phi_{247}^{2}\ \Phi_{57}\ \Phi_{39}\ \Phi_{19}^{2}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
50686	976	735	$\frac{4}{245}$	$\frac{1}{5}$	$\frac{241}{735}$	$\frac{247}{735}$	$\Phi_{735}\ \Phi_{245}^{2}\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}^{2}\ \Phi_{35}^{2}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
50687	976	123	$\frac{1}{123}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{123}^{8}\ \Phi_{41}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
50688	976	729	$\frac{2}{243}$	$\frac{241}{729}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{729}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
50689	976	81	$\frac{1}{81}$	$\frac{20}{81}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{81}^{12}\ \Phi_{27}^{12}\ \Phi_{9}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
50690	976	495	$\frac{7}{495}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{495}^{2}\ \Phi_{165}^{2}\ \Phi_{99}^{2}\ \Phi_{55}^{2}\ \Phi_{45}^{2}\ \Phi_{33}^{2}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
50691	976	930	$\frac{1}{62}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{930}\ \Phi_{465}\ \Phi_{310}^{2}\ \Phi_{155}^{2}\ \Phi_{30}\ \Phi_{10}^{2}$
50692	976	567	$\frac{2}{81}$	$\frac{79}{567}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{567}^{2}\ \Phi_{189}^{2}\ \Phi_{63}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
50693	976	63	$\frac{2}{63}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{63}^{16}\ \Phi_{21}^{16}\ \Phi_{9}^{12}\ \Phi_{7}^{16}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
50694	976	135	$\frac{1}{27}$	$\frac{13}{135}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{135}^{8}\ \Phi_{45}^{8}\ \Phi_{27}^{4}\ \Phi_{15}^{8}\ \Phi_{9}^{4}\ \Phi_{5}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
50695	976	513	$\frac{25}{513}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{513}^{2}\ \Phi_{171}^{2}\ \Phi_{57}^{2}\ \Phi_{19}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
50696	976	90	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{29}{90}$	$\frac{1}{3}$	$\Phi_{90}^{10}\ \Phi_{45}^{10}\ \Phi_{30}^{12}\ \Phi_{18}^{10}\ \Phi_{15}^{12}\ \Phi_{10}^{12}\ \Phi_{9}^{12}\ \Phi_{6}^{12}\ \Phi_{5}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
50697	976	315	$\frac{2}{63}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{315}^{3}\ \Phi_{105}^{3}\ \Phi_{63}^{4}\ \Phi_{45}^{2}\ \Phi_{35}^{3}\ \Phi_{21}^{4}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
50698	976	489	$\frac{3}{163}$	$\frac{40}{163}$	$\frac{41}{163}$	$\frac{1}{3}$	$\Phi_{489}^{3}\ \Phi_{3}^{2}$
50699	976	576	$\frac{3}{64}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{576}^{2}\ \Phi_{288}^{2}\ \Phi_{192}\ \Phi_{144}^{2}\ \Phi_{96}\ \Phi_{72}^{2}\ \Phi_{64}^{2}\ \Phi_{48}\ \Phi_{32}^{2}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
50700	976	720	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{19}{80}$	$\frac{1}{3}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}\ \Phi_{144}^{2}\ \Phi_{120}\ \Phi_{80}^{2}\ \Phi_{72}^{2}\ \Phi_{48}\ \Phi_{40}^{2}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
50701	976	315	$\frac{2}{63}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{315}^{3}\ \Phi_{105}^{3}\ \Phi_{63}^{4}\ \Phi_{45}^{3}\ \Phi_{35}^{3}\ \Phi_{21}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
50702	976	585	$\frac{4}{65}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{585}^{2}\ \Phi_{195}\ \Phi_{117}^{2}\ \Phi_{65}^{2}\ \Phi_{39}\ \Phi_{13}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
50703	976	330	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{330}^{4}\ \Phi_{165}^{3}\ \Phi_{110}^{4}\ \Phi_{55}^{4}\ \Phi_{30}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{4}$
50704	976	225	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{14}{75}$	$\frac{1}{3}$	$\Phi_{225}^{6}\ \Phi_{75}^{4}\ \Phi_{25}^{4}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
50705	976	198	$\frac{5}{66}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{198}^{6}\ \Phi_{99}^{6}\ \Phi_{66}^{4}\ \Phi_{33}^{4}\ \Phi_{22}^{4}\ \Phi_{11}^{4}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
50706	976	72	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{72}$	$\frac{1}{3}$	$\Phi_{72}^{16}\ \Phi_{36}^{10}\ \Phi_{24}^{16}\ \Phi_{18}^{10}\ \Phi_{12}^{12}\ \Phi_{9}^{12}\ \Phi_{8}^{16}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
50707	976	135	$\frac{13}{135}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{135}^{8}\ \Phi_{45}^{5}\ \Phi_{27}^{8}\ \Phi_{15}^{6}\ \Phi_{9}^{7}\ \Phi_{5}^{6}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
50708	976	630	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{70}$	$\frac{1}{3}$	$\Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{210}\ \Phi_{126}^{2}\ \Phi_{105}\ \Phi_{70}^{2}\ \Phi_{63}^{2}\ \Phi_{42}\ \Phi_{35}^{2}\ \Phi_{21}\ \Phi_{14}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
50709	976	315	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{71}{315}$	$\frac{34}{105}$	$\Phi_{315}^{4}\ \Phi_{63}^{4}\ \Phi_{45}^{4}\ \Phi_{35}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
50710	976	90	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{29}{90}$	$\Phi_{90}^{16}\ \Phi_{45}^{16}\ \Phi_{18}^{16}\ \Phi_{9}^{16}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
50711	976	1785	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{113}{357}$	$\Phi_{1785}\ \Phi_{255}\ \Phi_{105}\ \Phi_{35}\ \Phi_{15}$
50712	976	135	$\frac{1}{15}$	$\frac{13}{135}$	$\frac{31}{135}$	$\frac{14}{45}$	$\Phi_{135}^{7}\ \Phi_{45}^{8}\ \Phi_{27}^{7}\ \Phi_{15}^{7}\ \Phi_{9}^{8}\ \Phi_{5}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
50713	976	315	$\frac{1}{15}$	$\frac{31}{315}$	$\frac{71}{315}$	$\frac{14}{45}$	$\Phi_{315}^{3}\ \Phi_{105}^{3}\ \Phi_{63}^{3}\ \Phi_{45}^{4}\ \Phi_{35}^{3}\ \Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{9}^{4}\ \Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
50714	976	351	$\frac{1}{13}$	$\frac{10}{117}$	$\frac{3}{13}$	$\frac{107}{351}$	$\Phi_{351}^{4}\ \Phi_{27}^{4}\ \Phi_{13}^{3}\ \Phi_{1}^{4}$
50715	976	525	$\frac{37}{525}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{525}^{2}\ \Phi_{175}^{2}\ \Phi_{105}\ \Phi_{75}^{2}\ \Phi_{35}^{2}\ \Phi_{25}^{2}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
50716	976	675	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{38}{225}$	$\frac{187}{675}$	$\Phi_{675}^{2}\ \Phi_{135}^{2}\ \Phi_{45}^{2}\ \Phi_{27}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
50717	976	255	$\frac{11}{255}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{255}^{4}\ \Phi_{85}^{4}\ \Phi_{51}^{4}\ \Phi_{17}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
50718	976	273	$\frac{1}{13}$	$\frac{29}{273}$	$\frac{3}{13}$	$\frac{10}{39}$	$\Phi_{273}^{4}\ \Phi_{91}^{4}\ \Phi_{21}^{4}\ \Phi_{13}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{4}$
50719	976	75	$\frac{1}{25}$	$\frac{14}{75}$	$\frac{6}{25}$	$\frac{19}{75}$	$\Phi_{75}^{12}\ \Phi_{25}^{15}\ \Phi_{15}^{12}\ \Phi_{5}^{15}\ \Phi_{3}^{12}\ \Phi_{1}^{16}$
50720	976	320	$\frac{3}{64}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{80}^{3}\ \Phi_{64}^{4}\ \Phi_{40}^{3}\ \Phi_{32}^{4}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
50721	976	80	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{19}{80}$	$\Phi_{80}^{16}\ \Phi_{40}^{16}\ \Phi_{16}^{16}\ \Phi_{8}^{16}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
50722	976	78	$\frac{1}{13}$	$\frac{5}{39}$	$\frac{17}{78}$	$\frac{3}{13}$	$\Phi_{78}^{16}\ \Phi_{39}^{8}\ \Phi_{26}^{16}\ \Phi_{13}^{11}\ \Phi_{6}^{16}\ \Phi_{3}^{8}\ \Phi_{2}^{16}\ \Phi_{1}^{12}$
50723	976	315	$\frac{31}{315}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{71}{315}$	$\Phi_{315}^{3}\ \Phi_{105}^{3}\ \Phi_{63}^{3}\ \Phi_{45}^{3}\ \Phi_{35}^{4}\ \Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
50724	976	78	$\frac{4}{39}$	$\frac{5}{39}$	$\frac{7}{39}$	$\frac{17}{78}$	$\Phi_{78}^{16}\ \Phi_{39}^{9}\ \Phi_{26}^{16}\ \Phi_{13}^{9}\ \Phi_{6}^{16}\ \Phi_{3}^{9}\ \Phi_{2}^{16}\ \Phi_{1}^{10}$
50725	976	65	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{65}^{16}\ \Phi_{13}^{16}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
50726	976	75	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{75}^{16}\ \Phi_{25}^{16}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
50727	976	330	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{330}^{3}\ \Phi_{165}^{3}\ \Phi_{110}^{3}\ \Phi_{66}^{4}\ \Phi_{55}^{3}\ \Phi_{33}^{4}\ \Phi_{22}^{4}\ \Phi_{11}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
50728	976	360	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{72}^{4}\ \Phi_{45}^{3}\ \Phi_{40}^{3}\ \Phi_{36}^{4}\ \Phi_{24}^{4}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
50729	976	135	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{135}^{8}\ \Phi_{45}^{8}\ \Phi_{27}^{8}\ \Phi_{9}^{8}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
50730	976	70	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{70}^{16}\ \Phi_{35}^{16}\ \Phi_{14}^{16}\ \Phi_{7}^{16}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
50731	977	1176	$\frac{3}{196}$	$\frac{199}{1176}$	$\frac{1}{4}$	$\frac{193}{392}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{294}\ \Phi_{196}\ \Phi_{168}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{49}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
50732	977	1920	$\frac{17}{960}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{943}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{32}\ \Phi_{1}$
50733	977	1920	$\frac{17}{960}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{943}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
50734	977	1920	$\frac{17}{960}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{943}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
50735	977	1312	$\frac{7}{328}$	$\frac{1}{8}$	$\frac{335}{1312}$	$\frac{321}{656}$	$\Phi_{1312}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}\ \Phi_{41}\ \Phi_{32}\ \Phi_{1}$
50736	977	1120	$\frac{3}{140}$	$\frac{143}{1120}$	$\frac{1}{4}$	$\frac{137}{280}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
50737	977	1904	$\frac{25}{952}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{927}{1904}$	$\Phi_{1904}\ \Phi_{272}\ \Phi_{112}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
50738	977	1440	$\frac{17}{480}$	$\frac{1}{16}$	$\frac{463}{1440}$	$\frac{15}{32}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
50739	977	1024	$\frac{47}{1024}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{32}\ \Phi_{1}$
50740	977	1280	$\frac{17}{320}$	$\frac{1}{16}$	$\frac{303}{1280}$	$\frac{15}{32}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{256}\ \Phi_{128}\ \Phi_{32}\ \Phi_{1}$
50741	977	1056	$\frac{1}{16}$	$\frac{79}{1056}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
50742	977	1152	$\frac{1}{16}$	$\frac{17}{192}$	$\frac{175}{1152}$	$\frac{15}{32}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
50743	977	1120	$\frac{1}{16}$	$\frac{17}{160}$	$\frac{143}{1120}$	$\frac{15}{32}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
50744	977	1008	$\frac{31}{1008}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
50745	977	1000	$\frac{23}{1000}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
50746	977	1680	$\frac{3}{140}$	$\frac{137}{840}$	$\frac{1}{4}$	$\frac{703}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{48}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
50747	977	1568	$\frac{3}{196}$	$\frac{193}{784}$	$\frac{1}{4}$	$\frac{591}{1568}$	$\Phi_{1568}\ \Phi_{224}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
50748	977	1008	$\frac{31}{1008}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
50749	977	1464	$\frac{1}{122}$	$\frac{121}{366}$	$\frac{487}{1464}$	$\frac{245}{732}$	$\Phi_{1464}\ \Phi_{488}\ \Phi_{366}\ \Phi_{183}\ \Phi_{24}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
50750	977	1260	$\frac{3}{140}$	$\frac{283}{1260}$	$\frac{1}{4}$	$\frac{137}{420}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}\ \Phi_{14}\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
50751	977	1440	$\frac{17}{480}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{463}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
50752	977	1440	$\frac{17}{480}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{463}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
50753	977	1428	$\frac{25}{476}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{451}{1428}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{357}\ \Phi_{204}\ \Phi_{102}\ \Phi_{84}\ \Phi_{51}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
50754	977	1200	$\frac{17}{240}$	$\frac{1}{8}$	$\frac{223}{1200}$	$\frac{7}{24}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
50755	977	1056	$\frac{79}{1056}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
50756	977	1152	$\frac{17}{192}$	$\frac{1}{8}$	$\frac{175}{1152}$	$\frac{7}{24}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
50757	977	1080	$\frac{103}{1080}$	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{7}{24}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
50758	977	1020	$\frac{43}{1020}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
50759	977	1280	$\frac{17}{320}$	$\frac{3}{20}$	$\frac{303}{1280}$	$\frac{1}{4}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{256}\ \Phi_{128}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
50760	977	1040	$\frac{63}{1040}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
50761	977	1200	$\frac{17}{240}$	$\frac{3}{20}$	$\frac{223}{1200}$	$\frac{1}{4}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
50762	977	1080	$\frac{103}{1080}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
50763	977	1120	$\frac{17}{160}$	$\frac{143}{1120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
50764	978	1620	$\frac{1}{162}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{161}{324}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{324}^2\ \Phi_{180}\ \Phi_{108}^2\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
50765	978	324	$\frac{1}{162}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{161}{324}$	$\Phi_{324}^2\ \Phi_{162}^4\ \Phi_{108}^2\ \Phi_{81}^4\ \Phi_{54}^4\ \Phi_{36}^2\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_{9}^4\ \Phi_{6}^5\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
50766	978	2910	$\frac{4}{485}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{481}{970}$	$\Phi_{2910}\ \Phi_{582}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
50767	978	436	$\frac{1}{109}$	$\frac{1}{4}$	$\frac{55}{218}$	$\frac{54}{109}$	$\Phi_{436}^3\ \Phi_{218}\ \Phi_{109}^2\ \Phi_{4}^2\ \Phi_{1}^2$
50768	978	588	$\frac{1}{98}$	$\frac{33}{196}$	$\frac{1}{3}$	$\frac{97}{196}$	$\Phi_{588}^2\ \Phi_{294}^3\ \Phi_{147}^3\ \Phi_{84}^2\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{12}^2\ \Phi_{6}^3\ \Phi_{3}^2$
50769	978	966	$\frac{2}{161}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{159}{322}$	$\Phi_{966}^3\ \Phi_{138}^3\ \Phi_{42}^3\ \Phi_{21}\ \Phi_{6}^3$
50770	978	1680	$\frac{1}{70}$	$\frac{71}{560}$	$\frac{1}{3}$	$\frac{69}{140}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{48}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{6}$
50771	978	960	$\frac{3}{160}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{157}{320}$	$\Phi_{960}^3\ \Phi_{192}^3\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
50772	978	2240	$\frac{3}{160}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{157}{320}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{28}\ \Phi_{14}$
50773	978	2856	$\frac{13}{476}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{463}{952}$	$\Phi_{2856}\ \Phi_{408}\ \Phi_{168}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
50774	978	168	$\frac{5}{168}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{168}^6\ \Phi_{84}^5\ \Phi_{56}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{12}^5\ \Phi_8^6\ \Phi_7^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
50775	978	2730	$\frac{1}{35}$	$\frac{34}{455}$	$\frac{1}{3}$	$\frac{421}{910}$	$\Phi_{2730}\ \Phi_{546}\ \Phi_{390}\ \Phi_{210}\ \Phi_{105}\ \Phi_{78}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
50776	978	1500	$\frac{11}{500}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{375}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
50777	978	294	$\frac{1}{49}$	$\frac{16}{147}$	$\frac{1}{3}$	$\frac{131}{294}$	$\Phi_{294}^6\ \Phi_{147}\ \Phi_{98}^6\ \Phi_{42}^6\ \Phi_{21}\ \Phi_{14}^6\ \Phi_6^6\ \Phi_2^6$
50778	978	840	$\frac{1}{70}$	$\frac{23}{140}$	$\frac{1}{3}$	$\frac{117}{280}$	$\Phi_{840}^3\ \Phi_{210}\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{105}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
50779	978	165	$\frac{2}{165}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{165}^6\ \Phi_{55}^6\ \Phi_{33}^6\ \Phi_{15}^5\ \Phi_{11}^6\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
50780	978	1215	$\frac{1}{81}$	$\frac{1}{5}$	$\frac{80}{243}$	$\frac{2}{5}$	$\Phi_{1215}\ \Phi_{243}^2\ \Phi_5\ \Phi_1^2$
50781	978	1080	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{53}{216}$	$\frac{2}{5}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{216}^2\ \Phi_{180}\ \Phi_{120}\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
50782	978	840	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
50783	978	945	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{35}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
50784	978	855	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{171}^2\ \Phi_{95}\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_5\ \Phi_1^2$
50785	978	180	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{180}^6\ \Phi_{90}^5\ \Phi_{60}^6\ \Phi_{45}^5\ \Phi_{36}^6\ \Phi_{30}^5\ \Phi_{20}^6\ \Phi_{18}^4\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_9^4\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^4\ \Phi_2^4\ \Phi_1^6$
50786	978	2352	$\frac{1}{98}$	$\frac{97}{392}$	$\frac{1}{3}$	$\frac{295}{784}$	$\Phi_{2352}\ \Phi_{336}\ \Phi_{294}\ \Phi_{147}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
50787	978	168	$\frac{5}{168}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^6\ \Phi_{84}^6\ \Phi_{56}^5\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
50788	978	1722	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{40}{123}$	$\frac{83}{246}$	$\Phi_{1722}\ \Phi_{574}\ \Phi_{287}\ \Phi_{42}\ \Phi_{14}$
50789	978	660	$\frac{2}{165}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{44}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
50790	978	972	$\frac{1}{81}$	$\frac{1}{4}$	$\frac{80}{243}$	$\frac{1}{3}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{12}\ \Phi_6$
50791	978	210	$\frac{1}{70}$	$\frac{47}{210}$	$\frac{23}{70}$	$\frac{1}{3}$	$\Phi_{210}^4\ \Phi_{105}^4\ \Phi_{70}^6\ \Phi_{42}^4\ \Phi_{35}^6\ \Phi_{30}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7^6\ \Phi_6^4\ \Phi_5^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
50792	978	588	$\frac{1}{49}$	$\frac{33}{196}$	$\frac{16}{49}$	$\frac{1}{3}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{147}\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{21}\ \Phi_{12}^3\ \Phi_6^3$
50793	978	240	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{77}{240}$	$\frac{1}{3}$	$\Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^6\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^6\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^6\ \Phi_{16}^6\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^6\ \Phi_8^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
50794	978	714	$\frac{13}{238}$	$\frac{1}{14}$	$\frac{75}{238}$	$\frac{1}{3}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_6^3\ \Phi_3^2$
50795	978	510	$\frac{7}{170}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{510}^3\ \Phi_{255}^3\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
50796	978	168	$\frac{5}{168}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{168}^6\ \Phi_{84}^6\ \Phi_{56}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{21}^4\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_8^6\ \Phi_7^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
50797	978	216	$\frac{1}{54}$	$\frac{53}{216}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{216}^6\ \Phi_{108}^2\ \Phi_{72}^6\ \Phi_{54}^4\ \Phi_{36}^2\ \Phi_{27}^4\ \Phi_{24}^6\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_9^4\ \Phi_8^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
50798	978	1332	$\frac{7}{333}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1332}\ \Phi_{666}\ \Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{74}\ \Phi_{12}\ \Phi_6$
50799	978	1620	$\frac{2}{81}$	$\frac{79}{405}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
50800	978	168	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^6\ \Phi_{84}^6\ \Phi_{56}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{12}^3\ \Phi_8^6\ \Phi_7^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
50801	978	756	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_6$
50802	978	684	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{12}\ \Phi_6$
50803	978	180	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^6\ \Phi_{45}^6\ \Phi_{36}^2\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{18}^4\ \Phi_{15}^6\ \Phi_{12}^3\ \Phi_{10}^6\ \Phi_9^4\ \Phi_6^5\ \Phi_5^6\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
50804	978	1404	$\frac{25}{351}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}\ \Phi_{12}\ \Phi_6$
50805	978	1932	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{155}{644}$	$\frac{1}{3}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{276}\ \Phi_{138}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
50806	978	1920	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{151}{640}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{384}\ \Phi_{192}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
50807	978	1560	$\frac{31}{520}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
50808	978	600	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{37}{200}$	$\frac{1}{3}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{150}^3\ \Phi_{75}^3\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
50809	978	180	$\frac{17}{180}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{3}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^3\ \Phi_{45}^6\ \Phi_{36}^6\ \Phi_{30}^4\ \Phi_{20}^6\ \Phi_{18}^6\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^6\ \Phi_9^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
50810	978	1680	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{560}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{84}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
50811	978	1680	$\frac{3}{80}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{77}{240}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
50812	978	1232	$\frac{13}{176}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{77}\ \Phi_{28}\ \Phi_{14}$
50813	978	1400	$\frac{3}{40}$	$\frac{1}{7}$	$\frac{37}{200}$	$\frac{1}{4}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{28}\ \Phi_{14}$
50814	978	1344	$\frac{3}{32}$	$\frac{1}{7}$	$\frac{29}{192}$	$\frac{1}{4}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
50815	978	1260	$\frac{17}{180}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
50816	979	1308	$\frac{2}{327}$	$\frac{329}{1308}$	$\frac{1}{3}$	$\frac{325}{654}$	$\Phi_{1308}\ \Phi_{436}\ \Phi_{327}\ \Phi_{109}\ \Phi_{12}\ \Phi_4\ \Phi_1$
50817	979	1944	$\frac{7}{972}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{965}{1944}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{216}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
50818	979	1944	$\frac{7}{972}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{965}{1944}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{216}\ \Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
50819	979	880	$\frac{1}{88}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{87}{176}$	$\Phi_{880}^2\ \Phi_{176}^3\ \Phi_{80}^2\ \Phi_{20}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
50820	979	2640	$\frac{1}{88}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{87}{176}$	$\Phi_{2640}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{48}\ \Phi_{16}\ \Phi_{15}\ \Phi_3\ \Phi_1$
50821	979	1920	$\frac{19}{960}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{941}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
50822	979	348	$\frac{2}{87}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{348}^3\ \Phi_{174}^2\ \Phi_{116}^3\ \Phi_{87}^3\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
50823	979	120	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{120}^{11}\ \Phi_{60}^6\ \Phi_{40}^{11}\ \Phi_{30}^5\ \Phi_{24}^{11}\ \Phi_{20}^6\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_8^{11}\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
50824	979	1020	$\frac{4}{85}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{81}{170}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}^2\ \Phi_{51}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
50825	979	108	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{108}^{11}\ \Phi_{54}^{11}\ \Phi_{36}^6\ \Phi_{27}^{11}\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
50826	979	168	$\frac{5}{84}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{79}{168}$	$\Phi_{168}^{11}\ \Phi_{56}^{11}\ \Phi_{24}^{11}\ \Phi_{12}^5\ \Phi_8^{11}\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
50827	979	324	$\frac{1}{12}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{162}$	$\Phi_{324}^3\ \Phi_{162}^2\ \Phi_{108}^3\ \Phi_{81}^3\ \Phi_{54}^2\ \Phi_{36}^6\ \Phi_{27}^3\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
50828	979	660	$\frac{1}{44}$	$\frac{1}{10}$	$\frac{43}{132}$	$\frac{9}{20}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{60}^2\ \Phi_{33}^3\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
50829	979	460	$\frac{3}{92}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{460}^2\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{23}^3\ \Phi_{20}\ \Phi_4\ \Phi_1$
50830	979	220	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{21}{110}$	$\frac{9}{20}$	$\Phi_{220}^8\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}^8\ \Phi_{20}^9\ \Phi_{10}\ \Phi_5\ \Phi_4^9\ \Phi_1$
50831	979	480	$\frac{7}{96}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^3\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
50832	979	300	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{9}{20}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^3\ \Phi_{75}^4\ \Phi_{60}^2\ \Phi_{50}^3\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
50833	979	1980	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{10}{99}$	$\frac{9}{20}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{180}\ \Phi_{132}\ \Phi_{99}\ \Phi_{60}\ \Phi_{36}\ \Phi_{33}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
50834	979	480	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{160}$	$\Phi_{480}^4\ \Phi_{160}^3\ \Phi_{96}^4\ \Phi_{60}^2\ \Phi_{32}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
50835	979	1296	$\frac{7}{324}$	$\frac{1}{6}$	$\frac{317}{1296}$	$\frac{5}{12}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
50836	979	1008	$\frac{29}{1008}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
50837	979	1080	$\frac{7}{108}$	$\frac{101}{1080}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
50838	979	96	$\frac{7}{96}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{96}^{11}\ \Phi_{48}^{11}\ \Phi_{32}^{11}\ \Phi_{24}^{11}\ \Phi_{16}^{11}\ \Phi_{12}^5\ \Phi_8^{11}\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
50839	979	300	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{14}{75}$	$\frac{61}{150}$	$\Phi_{300}^3\ \Phi_{150}^2\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^6\ \Phi_{50}^2\ \Phi_{30}^5\ \Phi_{25}^3\ \Phi_{20}^6\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
50840	979	1008	$\frac{29}{1008}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
50841	979	90	$\frac{1}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{90}^{11}\ \Phi_{45}^{11}\ \Phi_{30}^{11}\ \Phi_{18}^{10}\ \Phi_{15}^{11}\ \Phi_{10}^{11}\ \Phi_{9}^{11}\ \Phi_{6}^{10}\ \Phi_{5}^{11}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
50842	979	144	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{17}{72}$	$\frac{55}{144}$	$\Phi_{144}^{11}\ \Phi_{48}^{11}\ \Phi_{36}^{6}\ \Phi_{18}^{5}\ \Phi_{16}^{11}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
50843	979	720	$\frac{1}{90}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{720}^{2}\ \Phi_{240}^{2}\ \Phi_{180}^{2}\ \Phi_{144}^{2}\ \Phi_{90}\ \Phi_{80}^{2}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{45}\ \Phi_{36}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
50844	979	1476	$\frac{5}{246}$	$\frac{1}{6}$	$\frac{241}{738}$	$\frac{497}{1476}$	$\Phi_{1476}\ \Phi_{492}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
50845	979	1458	$\frac{7}{486}$	$\frac{2}{9}$	$\frac{479}{1458}$	$\frac{1}{3}$	$\Phi_{1458}\ \Phi_{729}\ \Phi_{9}\ \Phi_{1}$
50846	979	999	$\frac{20}{999}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{999}\ \Phi_{333}\ \Phi_{111}\ \Phi_{37}\ \Phi_{9}\ \Phi_{1}$
50847	979	1296	$\frac{7}{324}$	$\frac{2}{9}$	$\frac{317}{1296}$	$\frac{1}{3}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
50848	979	1008	$\frac{29}{1008}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
50849	979	1215	$\frac{7}{243}$	$\frac{236}{1215}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{135}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
50850	979	1134	$\frac{7}{162}$	$\frac{155}{1134}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
50851	979	1026	$\frac{47}{1026}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1026}\ \Phi_{513}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{9}\ \Phi_{1}$
50852	979	1080	$\frac{7}{108}$	$\frac{101}{1080}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
50853	979	1053	$\frac{74}{1053}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1053}\ \Phi_{351}\ \Phi_{117}\ \Phi_{39}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
50854	979	660	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{43}{132}$	$\Phi_{660}\ \Phi_{330}\ \Phi_{220}^{2}\ \Phi_{165}\ \Phi_{132}^{2}\ \Phi_{110}^{2}\ \Phi_{66}^{2}\ \Phi_{60}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{30}\ \Phi_{22}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{3}\ \Phi_{1}^{3}$
50855	979	1440	$\frac{19}{480}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{461}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
50856	979	108	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{108}^{8}\ \Phi_{54}^{8}\ \Phi_{36}^{11}\ \Phi_{27}^{9}\ \Phi_{18}^{11}\ \Phi_{12}^{10}\ \Phi_{9}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
50857	979	252	$\frac{1}{12}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{126}$	$\Phi_{252}^{6}\ \Phi_{126}^{5}\ \Phi_{63}^{5}\ \Phi_{36}^{6}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
50858	979	1380	$\frac{3}{92}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
50859	979	330	$\frac{1}{22}$	$\frac{21}{110}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{330}^{4}\ \Phi_{165}^{4}\ \Phi_{110}\ \Phi_{66}^{4}\ \Phi_{55}\ \Phi_{33}^{4}\ \Phi_{30}^{4}\ \Phi_{15}^{5}\ \Phi_{10}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{3}^{5}\ \Phi_{1}$
50860	979	480	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{480}^{2}\ \Phi_{240}^{2}\ \Phi_{160}^{2}\ \Phi_{120}\ \Phi_{96}^{3}\ \Phi_{80}^{2}\ \Phi_{60}\ \Phi_{48}^{3}\ \Phi_{40}^{2}\ \Phi_{32}^{3}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{3}\ \Phi_{1}^{3}$
50861	979	495	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{495}^{2}\ \Phi_{165}\ \Phi_{99}^{3}\ \Phi_{55}^{2}\ \Phi_{45}^{2}\ \Phi_{33}^{2}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
50862	979	120	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{120}^{7}\ \Phi_{60}^{9}\ \Phi_{40}^{8}\ \Phi_{30}^{9}\ \Phi_{24}^{7}\ \Phi_{20}^{10}\ \Phi_{15}^{9}\ \Phi_{12}^{8}\ \Phi_{10}^{9}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{9}\ \Phi_{4}^{9}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
50863	979	96	$\frac{7}{96}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{96}^{10}\ \Phi_{48}^{10}\ \Phi_{32}^{10}\ \Phi_{24}^{11}\ \Phi_{16}^{10}\ \Phi_{12}^{11}\ \Phi_{8}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{11}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
50864	979	1200	$\frac{19}{240}$	$\frac{1}{6}$	$\frac{221}{1200}$	$\frac{5}{24}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
50865	979	1080	$\frac{101}{1080}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
50866	979	1152	$\frac{19}{192}$	$\frac{173}{1152}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
50867	980	1464	$\frac{1}{244}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{243}{488}$	$\Phi_{1464}\ \Phi_{488}^{2}\ \Phi_{24}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
50868	980	1560	$\frac{1}{195}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{97}{195}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{195}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}\ \Phi_{39}\ \Phi_{24}\ \Phi_{15}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
50869	980	1668	$\frac{1}{139}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{69}{139}$	$\Phi_{1668}\ \Phi_{556}\ \Phi_{139}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
50870	980	1251	$\frac{1}{139}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{69}{139}$	$\Phi_{1251}\ \Phi_{139}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
50871	980	2430	$\frac{2}{243}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{241}{486}$	$\Phi_{2430}\ \Phi_{810}\ \Phi_{270}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
50872	980	873	$\frac{1}{97}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{48}{97}$	$\Phi_{873}\ \Phi_{291}\ \Phi_{97}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
50873	980	582	$\frac{1}{97}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{48}{97}$	$\Phi_{582}^2\ \Phi_{291}\ \Phi_{194}^2\ \Phi_{97}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
50874	980	89	$\frac{1}{89}$	$\frac{9}{89}$	$\frac{40}{89}$	$\frac{44}{89}$	$\Phi_{89}^{11}\ \Phi_1^{12}$
50875	980	1640	$\frac{1}{82}$	$\frac{1}{5}$	$\frac{83}{328}$	$\frac{81}{164}$	$\Phi_{1640}\ \Phi_{410}\ \Phi_{205}\ \Phi_{40}\ \Phi_{10}$
50876	980	484	$\frac{3}{242}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{239}{484}$	$\Phi_{484}^4\ \Phi_{44}^4\ \Phi_{11}\ \Phi_4^4\ \Phi_1^2$
50877	980	897	$\frac{1}{69}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{34}{69}$	$\Phi_{897}\ \Phi_{299}\ \Phi_{69}^2\ \Phi_{39}\ \Phi_{23}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
50878	980	552	$\frac{1}{69}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{34}{69}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{184}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
50879	980	1182	$\frac{3}{197}$	$\frac{1}{6}$	$\frac{50}{197}$	$\frac{97}{197}$	$\Phi_{1182}\ \Phi_{591}\ \Phi_{394}$
50880	980	979	$\frac{15}{979}$	$\frac{71}{979}$	$\frac{454}{979}$	$\frac{482}{979}$	$\Phi_{979}\ \Phi_{89}\ \Phi_{11}\ \Phi_1^2$
50881	980	979	$\frac{17}{979}$	$\frac{146}{979}$	$\frac{249}{979}$	$\frac{481}{979}$	$\Phi_{979}\ \Phi_{89}\ \Phi_{11}\ \Phi_1^2$
50882	980	1473	$\frac{9}{491}$	$\frac{50}{491}$	$\frac{1}{3}$	$\frac{241}{491}$	Φ_{1473}
50883	980	1824	$\frac{1}{48}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{47}{96}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{19}\ \Phi_1^2$
50884	980	1056	$\frac{1}{48}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{1056}^2\ \Phi_{352}^2\ \Phi_{33}$
50885	980	1824	$\frac{1}{48}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{47}{96}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{19}\ \Phi_1^2$
50886	980	480	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{47}{96}$	$\Phi_{480}^5\ \Phi_{160}^5\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
50887	980	376	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{12}{47}$	$\frac{23}{47}$	$\Phi_{376}^3\ \Phi_{188}^3\ \Phi_{94}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
50888	980	957	$\frac{23}{957}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{467}{957}$	$\Phi_{957}\ \Phi_{319}\ \Phi_{87}\ \Phi_{33}^2\ \Phi_{29}\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
50889	980	979	$\frac{25}{979}$	$\frac{104}{979}$	$\frac{251}{979}$	$\frac{477}{979}$	$\Phi_{979}\ \Phi_{89}\ \Phi_{11}\ \Phi_1^2$
50890	980	1473	$\frac{13}{491}$	$\frac{36}{491}$	$\frac{1}{3}$	$\frac{239}{491}$	Φ_{1473}
50891	980	1836	$\frac{1}{34}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{33}{68}$	$\Phi_{1836}\ \Phi_{612}\ \Phi_{204}\ \Phi_{108}\ \Phi_{68}^2\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
50892	980	1020	$\frac{1}{34}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{1020}^2\ \Phi_{340}^2\ \Phi_{204}\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
50893	980	612	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{33}{68}$	$\Phi_{612}^3\ \Phi_{204}^3\ \Phi_{68}^4\ \Phi_{36}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
50894	980	680	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{33}{68}$	$\Phi_{680}^2\ \Phi_{340}\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{40}^3\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
50895	980	66	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{66}^{20}\ \Phi_{33}^{10}\ \Phi_{22}^{20}\ \Phi_{11}^9\ \Phi_6^{20}\ \Phi_3^{10}\ \Phi_2^{20}\ \Phi_1^{10}$
50896	980	267	$\frac{3}{89}$	$\frac{22}{267}$	$\frac{23}{89}$	$\frac{43}{89}$	$\Phi_{267}^4\ \Phi_{89}^3\ \Phi_3^4\ \Phi_1^4$
50897	980	459	$\frac{1}{27}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{13}{27}$	$\Phi_{459}^2\ \Phi_{153}^2\ \Phi_{51}^3\ \Phi_{27}^3\ \Phi_{17}^2\ \Phi_9^3\ \Phi_3^4\ \Phi_1^4$
50898	980	459	$\frac{1}{27}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{13}{27}$	$\Phi_{459}^2\ \Phi_{153}^2\ \Phi_{51}^2\ \Phi_{27}^3\ \Phi_{17}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^6$
50899	980	216	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{13}{27}$	$\Phi_{216}^5\ \Phi_{108}^5\ \Phi_{72}^5\ \Phi_{54}^2\ \Phi_{36}^5\ \Phi_{27}^3\ \Phi_{24}^7\ \Phi_{18}^2\ \Phi_{12}^7\ \Phi_9^3\ \Phi_8^6\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
50900	980	187	$\frac{9}{187}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{89}{187}$	$\Phi_{187}^5\ \Phi_{17}^5\ \Phi_{11}^9\ \Phi_1^{10}$
50901	980	297	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{52}{297}$	$\frac{47}{99}$	$\Phi_{297}^4\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{27}^4\ \Phi_{11}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
50902	980	969	$\frac{2}{51}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{969}\ \Phi_{323}\ \Phi_{51}^2\ \Phi_{19}\ \Phi_{17}^2\ \Phi_1^2$
50903	980	1368	$\frac{1}{24}$	$\frac{1}{19}$	$\frac{23}{72}$	$\frac{9}{19}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
50904	980	988	$\frac{1}{19}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{988}\ \Phi_{494}\ \Phi_{247}\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{19}\ \Phi_{13}^2\ \Phi_1^2$
50905	980	1216	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{9}{19}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{19}\ \Phi_1^2$
50906	980	1140	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{9}{19}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{95}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
50907	980	1026	$\frac{1}{19}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{1026}\ \Phi_{513}\ \Phi_{342}\ \Phi_{171}\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
50908	980	152	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{9}{19}$	$\Phi_{152}^6\ \Phi_{76}^6\ \Phi_{38}^6\ \Phi_{19}^7\ \Phi_8^{12}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{14}$
50909	980	979	$\frac{57}{979}$	$\frac{74}{979}$	$\frac{181}{979}$	$\frac{461}{979}$	$\Phi_{979}\ \Phi_{89}\ \Phi_{11}\ \Phi_1^2$
50910	980	1914	$\frac{1}{29}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{1914}\ \Phi_{638}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
50911	980	66	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{31}{66}$	$\Phi_{66}^{28}\ \Phi_{33}^{2}\ \Phi_{22}^{28}\ \Phi_{11}\ \Phi_{6}^{28}\ \Phi_{3}^{2}\ \Phi_{2}^{28}\ \Phi_{1}^{2}$
50912	980	979	$\frac{61}{979}$	$\frac{104}{979}$	$\frac{125}{979}$	$\frac{459}{979}$	$\Phi_{979}\ \Phi_{89}\ \Phi_{11}\ \Phi_{1}^{2}$
50913	980	376	$\frac{3}{47}$	$\frac{5}{47}$	$\frac{1}{8}$	$\frac{22}{47}$	$\Phi_{376}^{3}\ \Phi_{188}^{3}\ \Phi_{94}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
50914	980	1182	$\frac{13}{197}$	$\frac{15}{197}$	$\frac{1}{6}$	$\frac{92}{197}$	$\Phi_{1182}\ \Phi_{591}\ \Phi_{394}$
50915	980	468	$\frac{1}{36}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{468}^{2}\ \Phi_{234}^{2}\ \Phi_{156}^{2}\ \Phi_{117}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{36}^{4}\ \Phi_{26}^{2}\ \Phi_{18}^{4}\ \Phi_{13}^{2}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
50916	980	598	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{11}{46}$	$\frac{6}{13}$	$\Phi_{598}^{2}\ \Phi_{299}\ \Phi_{46}^{4}\ \Phi_{26}^{2}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
50917	980	897	$\frac{4}{69}$	$\frac{1}{13}$	$\frac{13}{69}$	$\frac{6}{13}$	$\Phi_{897}\ \Phi_{299}\ \Phi_{69}^{2}\ \Phi_{39}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
50918	980	390	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{390}^{3}\ \Phi_{195}^{2}\ \Phi_{130}^{3}\ \Phi_{78}^{2}\ \Phi_{65}^{2}\ \Phi_{39}\ \Phi_{30}^{6}\ \Phi_{26}^{2}\ \Phi_{15}^{4}\ \Phi_{13}^{2}\ \Phi_{10}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
50919	980	299	$\frac{1}{13}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{6}{13}$	$\Phi_{299}^{3}\ \Phi_{23}^{6}\ \Phi_{13}^{4}\ \Phi_{1}^{8}$
50920	980	1144	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{6}{13}$	$\Phi_{1144}\ \Phi_{572}\ \Phi_{286}\ \Phi_{88}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}$
50921	980	1392	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{1392}\ \Phi_{464}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}$
50922	980	979	$\frac{76}{979}$	$\frac{85}{979}$	$\frac{129}{979}$	$\frac{447}{979}$	$\Phi_{979}\ \Phi_{89}\ \Phi_{11}\ \Phi_{1}^{2}$
50923	980	630	$\frac{1}{21}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{630}^{3}\ \Phi_{210}^{3}\ \Phi_{126}^{3}\ \Phi_{105}\ \Phi_{90}^{2}\ \Phi_{70}^{3}\ \Phi_{42}^{3}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{14}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
50924	980	990	$\frac{4}{45}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{41}{90}$	$\Phi_{990}^{2}\ \Phi_{330}^{2}\ \Phi_{198}^{2}\ \Phi_{110}^{2}\ \Phi_{99}\ \Phi_{66}^{2}\ \Phi_{33}\ \Phi_{22}^{2}$
50925	980	363	$\frac{3}{121}$	$\frac{1}{11}$	$\frac{118}{363}$	$\frac{5}{11}$	$\Phi_{363}^{4}\ \Phi_{33}^{4}\ \Phi_{11}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
50926	980	253	$\frac{8}{253}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{253}^{4}\ \Phi_{23}^{4}\ \Phi_{11}\ \Phi_{1}^{2}$
50927	980	121	$\frac{6}{121}$	$\frac{1}{11}$	$\frac{23}{121}$	$\frac{5}{11}$	$\Phi_{121}^{8}\ \Phi_{11}^{9}\ \Phi_{1}^{10}$
50928	980	264	$\frac{19}{264}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{264}^{4}\ \Phi_{132}^{4}\ \Phi_{88}^{4}\ \Phi_{66}^{4}\ \Phi_{44}^{4}\ \Phi_{33}^{4}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{11}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
50929	980	55	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{5}{11}$	$\Phi_{55}^{20}\ \Phi_{11}^{9}\ \Phi_{5}^{20}\ \Phi_{1}^{10}$
50930	980	1128	$\frac{11}{141}$	$\frac{13}{141}$	$\frac{1}{8}$	$\frac{64}{141}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{376}\ \Phi_{282}\ \Phi_{188}\ \Phi_{94}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
50931	980	1856	$\frac{1}{29}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{1856}\ \Phi_{116}\ \Phi_{58}$
50932	980	891	$\frac{1}{11}$	$\frac{89}{891}$	$\frac{10}{99}$	$\frac{401}{891}$	$\Phi_{891}\ \Phi_{297}\ \Phi_{99}^{2}\ \Phi_{81}\ \Phi_{33}^{2}\ \Phi_{27}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
50933	980	420	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{420}^{2}\ \Phi_{210}^{3}\ \Phi_{140}^{2}\ \Phi_{105}^{3}\ \Phi_{84}^{2}\ \Phi_{70}^{3}\ \Phi_{60}\ \Phi_{42}^{3}\ \Phi_{35}^{3}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{3}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
50934	980	89	$\frac{4}{89}$	$\frac{9}{89}$	$\frac{17}{89}$	$\frac{40}{89}$	$\Phi_{89}^{11}\ \Phi_{1}^{12}$
50935	980	1044	$\frac{1}{36}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{348}\ \Phi_{261}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}$
50936	980	450	$\frac{1}{50}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{450}^{2}\ \Phi_{225}^{2}\ \Phi_{150}^{3}\ \Phi_{90}^{2}\ \Phi_{75}^{3}\ \Phi_{50}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{3}\ \Phi_{25}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}$
50937	980	873	$\frac{6}{97}$	$\frac{1}{9}$	$\frac{13}{97}$	$\frac{4}{9}$	$\Phi_{873}\ \Phi_{291}\ \Phi_{97}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
50938	980	360	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{4}\ \Phi_{90}^{3}\ \Phi_{72}^{2}\ \Phi_{60}^{4}\ \Phi_{40}^{4}\ \Phi_{36}^{2}\ \Phi_{30}^{4}\ \Phi_{24}^{3}\ \Phi_{20}^{4}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
50939	980	594	$\frac{1}{11}$	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{594}^{2}\ \Phi_{297}^{2}\ \Phi_{198}^{2}\ \Phi_{99}\ \Phi_{66}^{2}\ \Phi_{33}\ \Phi_{22}^{2}$
50940	980	88	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{88}$	$\Phi_{88}^{20}\ \Phi_{11}^{9}\ \Phi_{8}^{20}\ \Phi_{1}^{10}$
50941	980	979	$\frac{39}{979}$	$\frac{113}{979}$	$\frac{188}{979}$	$\frac{433}{979}$	$\Phi_{979}\ \Phi_{89}\ \Phi_{11}\ \Phi_{1}^{2}$
50942	980	89	$\frac{5}{89}$	$\frac{11}{89}$	$\frac{12}{89}$	$\frac{39}{89}$	$\Phi_{89}^{11}\ \Phi_{1}^{12}$
50943	980	1065	$\frac{1}{15}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{31}{71}$	$\Phi_{1065}\ \Phi_{355}\ \Phi_{213}$
50944	980	979	$\frac{79}{979}$	$\frac{90}{979}$	$\frac{127}{979}$	$\frac{426}{979}$	$\Phi_{979}\ \Phi_{89}\ \Phi_{11}\ \Phi_{1}^{2}$
50945	980	99	$\frac{8}{99}$	$\frac{1}{11}$	$\frac{13}{99}$	$\frac{43}{99}$	$\Phi_{99}^{10}\ \Phi_{33}^{10}\ \Phi_{11}^{9}\ \Phi_{9}^{10}\ \Phi_{3}^{10}\ \Phi_{1}^{10}$
50946	980	979	$\frac{62}{979}$	$\frac{111}{979}$	$\frac{131}{979}$	$\frac{424}{979}$	$\Phi_{979}\ \Phi_{89}\ \Phi_{11}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
50947	980	1128	$\frac{8}{141}$	$\frac{1}{8}$	$\frac{19}{141}$	$\frac{61}{141}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{376}\ \Phi_{282}\ \Phi_{188}\ \Phi_{94}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
50948	980	1182	$\frac{8}{197}$	$\frac{27}{197}$	$\frac{1}{6}$	$\frac{85}{197}$	$\Phi_{1182}\ \Phi_{591}\ \Phi_{394}$
50949	980	979	$\frac{20}{979}$	$\frac{137}{979}$	$\frac{279}{979}$	$\frac{421}{979}$	$\Phi_{979}\ \Phi_{89}\ \Phi_{11}\ \Phi_{1}^{2}$
50950	980	1473	$\frac{8}{491}$	$\frac{69}{491}$	$\frac{1}{3}$	$\frac{211}{491}$	Φ_{1473}
50951	980	350	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{350}^{3}\ \Phi_{175}^{3}\ \Phi_{70}^{3}\ \Phi_{50}^{2}\ \Phi_{35}^{3}\ \Phi_{25}^{2}\ \Phi_{14}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}$
50952	980	264	$\frac{19}{264}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{264}^{4}\ \Phi_{132}^{4}\ \Phi_{88}^{4}\ \Phi_{66}^{4}\ \Phi_{44}^{4}\ \Phi_{33}^{2}\ \Phi_{24}^{4}\ \Phi_{22}^{4}\ \Phi_{12}^{4}\ \Phi_{11}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
50953	980	852	$\frac{1}{71}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{852}^{2}\ \Phi_{284}^{2}\ \Phi_{213}$
50954	980	1668	$\frac{3}{139}$	$\frac{1}{6}$	$\frac{34}{139}$	$\frac{5}{12}$	$\Phi_{1668}\ \Phi_{556}\ \Phi_{139}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
50955	980	180	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{180}^{7}\ \Phi_{90}^{7}\ \Phi_{60}^{6}\ \Phi_{45}^{7}\ \Phi_{30}^{7}\ \Phi_{20}^{6}\ \Phi_{15}^{7}\ \Phi_{10}^{7}\ \Phi_{5}^{6}$
50956	980	1668	$\frac{4}{139}$	$\frac{1}{6}$	$\frac{27}{139}$	$\frac{5}{12}$	$\Phi_{1668}\ \Phi_{556}\ \Phi_{139}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
50957	980	348	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{348}^{5}\ \Phi_{174}\ \Phi_{116}^{5}\ \Phi_{87}\ \Phi_{58}$
50958	980	1668	$\frac{6}{139}$	$\frac{19}{139}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1668}\ \Phi_{556}\ \Phi_{139}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
50959	980	168	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{168}^{7}\ \Phi_{84}^{4}\ \Phi_{56}^{7}\ \Phi_{42}^{7}\ \Phi_{28}^{4}\ \Phi_{24}^{5}\ \Phi_{21}^{6}\ \Phi_{14}^{7}\ \Phi_{12}^{3}\ \Phi_{8}^{4}\ \Phi_{7}^{6}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
50960	980	1668	$\frac{9}{139}$	$\frac{13}{139}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1668}\ \Phi_{556}\ \Phi_{139}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
50961	980	660	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{660}^{3}\ \Phi_{220}^{3}\ \Phi_{165}\ \Phi_{132}^{2}\ \Phi_{55}\ \Phi_{44}^{2}\ \Phi_{33}$
50962	980	979	$\frac{41}{979}$	$\frac{134}{979}$	$\frac{169}{979}$	$\frac{405}{979}$	$\Phi_{979}\ \Phi_{89}\ \Phi_{11}\ \Phi_{1}^{2}$
50963	980	1065	$\frac{1}{15}$	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{29}{71}$	$\Phi_{1065}\ \Phi_{355}\ \Phi_{213}$
50964	980	979	$\frac{64}{979}$	$\frac{83}{979}$	$\frac{183}{979}$	$\frac{398}{979}$	$\Phi_{979}\ \Phi_{89}\ \Phi_{11}\ \Phi_{1}^{2}$
50965	980	165	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{31}{165}$	$\frac{67}{165}$	$\Phi_{165}^{5}\ \Phi_{55}^{5}\ \Phi_{33}^{10}\ \Phi_{15}^{5}\ \Phi_{11}^{9}\ \Phi_{5}^{5}\ \Phi_{3}^{10}\ \Phi_{1}^{10}$
50966	980	376	$\frac{2}{47}$	$\frac{1}{8}$	$\frac{9}{47}$	$\frac{19}{47}$	$\Phi_{376}^{3}\ \Phi_{188}^{3}\ \Phi_{94}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
50967	980	410	$\frac{1}{41}$	$\frac{8}{41}$	$\frac{1}{5}$	$\frac{33}{82}$	$\Phi_{410}^{5}\ \Phi_{205}\ \Phi_{10}^{5}$
50968	980	979	$\frac{14}{979}$	$\frac{193}{979}$	$\frac{293}{979}$	$\frac{393}{979}$	$\Phi_{979}\ \Phi_{89}\ \Phi_{11}\ \Phi_{1}^{2}$
50969	980	1473	$\frac{6}{491}$	$\frac{97}{491}$	$\frac{1}{3}$	$\frac{197}{491}$	Φ_{1473}
50970	980	710	$\frac{1}{71}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{710}^{2}\ \Phi_{355}\ \Phi_{142}^{2}$
50971	980	801	$\frac{1}{89}$	$\frac{179}{801}$	$\frac{88}{267}$	$\frac{311}{801}$	$\Phi_{801}\ \Phi_{267}^{2}\ \Phi_{89}\ \Phi_{9}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
50972	980	1680	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{112}\ \Phi_{105}\ \Phi_{70}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{14}\ \Phi_{6}$
50973	980	396	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{47}{198}$	$\frac{151}{396}$	$\Phi_{396}^{4}\ \Phi_{132}^{4}\ \Phi_{99}^{2}\ \Phi_{44}^{4}\ \Phi_{36}^{4}\ \Phi_{33}^{2}\ \Phi_{12}^{4}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
50974	980	356	$\frac{1}{89}$	$\frac{22}{89}$	$\frac{111}{356}$	$\frac{67}{178}$	$\Phi_{356}^{4}\ \Phi_{89}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
50975	980	792	$\frac{1}{99}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{792}^{2}\ \Phi_{264}^{2}\ \Phi_{99}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{2}\ \Phi_{33}^{2}\ \Phi_{24}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
50976	980	520	$\frac{1}{65}$	$\frac{16}{65}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}^{3}\ \Phi_{104}^{3}\ \Phi_{65}^{3}\ \Phi_{40}^{3}\ \Phi_{13}^{3}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
50977	980	200	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{200}^{8}\ \Phi_{50}^{4}\ \Phi_{40}^{7}\ \Phi_{25}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{8}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
50978	980	936	$\frac{1}{39}$	$\frac{19}{117}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{936}^{2}\ \Phi_{312}\ \Phi_{117}^{2}\ \Phi_{104}\ \Phi_{72}^{2}\ \Phi_{39}\ \Phi_{24}\ \Phi_{13}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
50979	980	520	$\frac{2}{65}$	$\frac{9}{65}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}^{3}\ \Phi_{104}^{3}\ \Phi_{65}^{3}\ \Phi_{40}^{3}\ \Phi_{13}^{3}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
50980	980	232	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{232}^{4}\ \Phi_{116}^{5}\ \Phi_{58}^{5}\ \Phi_{29}^{4}$
50981	980	104	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{104}^{15}\ \Phi_{52}^{4}\ \Phi_{26}^{4}\ \Phi_{13}^{3}\ \Phi_{8}^{16}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
50982	980	120	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^{13}\ \Phi_{40}^{13}\ \Phi_{24}^{13}\ \Phi_{15}^{13}\ \Phi_{8}^{14}\ \Phi_{5}^{13}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
50983	980	1566	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{1566}\ \Phi_{522}\ \Phi_{261}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
50984	980	366	$\frac{1}{122}$	$\frac{121}{366}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{366}^{3}\ \Phi_{183}^{3}\ \Phi_{122}^{2}\ \Phi_{61}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
50985	980	744	$\frac{3}{248}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{744}\ \Phi_{372}\ \Phi_{248}^2\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
50986	980	639	$\frac{1}{71}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{639}^2\ \Phi_{213}$
50987	980	183	$\frac{1}{61}$	$\frac{12}{61}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{183}^4\ \Phi_{61}^8\ \Phi_3^5\ \Phi_1^{10}$
50988	980	150	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{150}^7\ \Phi_{75}^7\ \Phi_{50}^6\ \Phi_{30}^7\ \Phi_{25}^6\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_6^3\ \Phi_5^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
50989	980	366	$\frac{3}{122}$	$\frac{17}{122}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{366}^2\ \Phi_{183}^2\ \Phi_{122}^4\ \Phi_{61}^4\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
50990	980	72	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{72}^{16}\ \Phi_{36}^{12}\ \Phi_{24}^{15}\ \Phi_{18}^{12}\ \Phi_{12}^{11}\ \Phi_9^{12}\ \Phi_8^{14}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
50991	980	561	$\frac{2}{51}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{561}^2\ \Phi_{187}^2\ \Phi_{33}$
50992	980	1656	$\frac{2}{69}$	$\frac{1}{8}$	$\frac{67}{207}$	$\frac{1}{3}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{414}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
50993	980	792	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{33}$
50994	980	255	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{255}^4\ \Phi_{85}^4\ \Phi_{51}^3\ \Phi_{17}^2\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^4\ \Phi_1^4$
50995	980	1350	$\frac{1}{50}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{270}\ \Phi_{150}\ \Phi_{135}\ \Phi_{75}\ \Phi_{54}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
50996	980	1716	$\frac{3}{52}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{429}\ \Phi_{33}$
50997	980	1251	$\frac{3}{139}$	$\frac{2}{9}$	$\frac{34}{139}$	$\frac{1}{3}$	$\Phi_{1251}\ \Phi_{139}\ \Phi_9^2\ \Phi_1^2$
50998	980	1620	$\frac{2}{81}$	$\frac{1}{5}$	$\frac{79}{324}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
50999	980	552	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{11}{46}$	$\frac{1}{3}$	$\Phi_{552}^3\ \Phi_{276}^3\ \Phi_{138}\ \Phi_{69}^2\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
51000	980	2112	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{33}$
51001	980	180	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^7\ \Phi_{90}^7\ \Phi_{60}^7\ \Phi_{45}^6\ \Phi_{30}^7\ \Phi_{20}^7\ \Phi_{15}^7\ \Phi_{10}^7\ \Phi_5^6$
51002	980	1251	$\frac{4}{139}$	$\frac{27}{139}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1251}\ \Phi_{139}\ \Phi_9^2\ \Phi_1^2$
51003	980	522	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{522}^3\ \Phi_{261}^2\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
51004	980	1251	$\frac{6}{139}$	$\frac{19}{139}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1251}\ \Phi_{139}\ \Phi_9^2\ \Phi_1^2$
51005	980	504	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}\ \Phi_{126}^3\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
51006	980	1251	$\frac{9}{139}$	$\frac{13}{139}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1251}\ \Phi_{139}\ \Phi_9^2\ \Phi_1^2$
51007	980	495	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{495}^3\ \Phi_{165}\ \Phi_{99}^2\ \Phi_{55}\ \Phi_{33}$
51008	980	969	$\frac{2}{51}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{969}\ \Phi_{323}\ \Phi_{51}^2\ \Phi_{19}\ \Phi_{17}^2\ \Phi_1^2$
51009	980	510	$\frac{2}{51}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{510}^3\ \Phi_{255}^2\ \Phi_{170}^3\ \Phi_{85}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
51010	980	270	$\frac{2}{27}$	$\frac{5}{54}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{270}^5\ \Phi_{135}^4\ \Phi_{90}^5\ \Phi_{45}^4\ \Phi_{30}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_5^4$
51011	980	552	$\frac{4}{69}$	$\frac{1}{8}$	$\frac{13}{69}$	$\frac{1}{3}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{184}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
51012	980	1473	$\frac{31}{491}$	$\frac{57}{491}$	$\frac{92}{491}$	$\frac{1}{3}$	Φ_{1473}
51013	980	660	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{33}$
51014	980	255	$\frac{1}{15}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{255}^4\ \Phi_{85}^4\ \Phi_{51}^2\ \Phi_{17}^4\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^3\ \Phi_1^6$
51015	980	1473	$\frac{29}{491}$	$\frac{66}{491}$	$\frac{85}{491}$	$\frac{1}{3}$	Φ_{1473}
51016	980	582	$\frac{6}{97}$	$\frac{13}{97}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{582}^2\ \Phi_{291}\ \Phi_{194}^2\ \Phi_{97}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
51017	980	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{120}^{10}\ \Phi_{60}^{10}\ \Phi_{40}^{10}\ \Phi_{30}^4\ \Phi_{24}^7\ \Phi_{20}^{10}\ \Phi_{15}^6\ \Phi_{12}^7\ \Phi_{10}^4\ \Phi_8^6\ \Phi_6^3\ \Phi_5^6\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
51018	980	594	$\frac{1}{11}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{33}$
51019	980	552	$\frac{2}{23}$	$\frac{1}{8}$	$\frac{3}{23}$	$\frac{1}{3}$	$\Phi_{552}^3\ \Phi_{276}^3\ \Phi_{138}^3\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_6^4$
51020	980	1473	$\frac{43}{491}$	$\frac{61}{491}$	$\frac{64}{491}$	$\frac{1}{3}$	Φ_{1473}
51021	980	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{264}^6\ \Phi_{132}^6\ \Phi_{66}^6\ \Phi_{33}^7$
51022	980	1368	$\frac{1}{24}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{23}{72}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
51023	980	360	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{23}{72}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{90}^{5}\ \Phi_{45}^{5}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
51024	980	153	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{16}{51}$	$\Phi_{153}^{6}\ \Phi_{51}^{7}\ \Phi_{17}^{6}\ \Phi_{9}^{9}\ \Phi_{3}^{10}\ \Phi_{1}^{10}$
51025	980	2040	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{16}{51}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
51026	980	297	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{52}{297}$	$\frac{89}{297}$	$\Phi_{297}^{3}\ \Phi_{99}^{4}\ \Phi_{33}^{4}\ \Phi_{27}^{3}\ \Phi_{11}^{3}\ \Phi_{9}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
51027	980	99	$\frac{1}{11}$	$\frac{4}{33}$	$\frac{5}{33}$	$\frac{29}{99}$	$\Phi_{99}^{14}\ \Phi_{33}^{2}\ \Phi_{11}\ \Phi_{9}^{14}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
51028	980	1485	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{135}$	$\Phi_{1485}\ \Phi_{297}\ \Phi_{99}\ \Phi_{33}$
51029	980	44	$\frac{1}{22}$	$\frac{2}{11}$	$\frac{9}{44}$	$\frac{3}{11}$	$\Phi_{44}^{28}\ \Phi_{22}^{16}\ \Phi_{11}^{17}\ \Phi_{4}^{28}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
51030	980	121	$\frac{9}{121}$	$\frac{16}{121}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{121}^{8}\ \Phi_{11}^{9}\ \Phi_{1}^{10}$
51031	980	1392	$\frac{1}{29}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}$
51032	980	420	$\frac{1}{21}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{3}\ \Phi_{105}\ \Phi_{84}^{3}\ \Phi_{70}^{3}\ \Phi_{60}^{2}\ \Phi_{42}^{3}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{28}^{3}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
51033	980	66	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{66}^{20}\ \Phi_{33}^{20}\ \Phi_{11}^{9}\ \Phi_{6}^{20}\ \Phi_{3}^{20}\ \Phi_{1}^{10}$
51034	980	988	$\frac{3}{52}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{988}\ \Phi_{494}\ \Phi_{247}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{19}\ \Phi_{13}^{2}\ \Phi_{1}^{2}$
51035	980	780	$\frac{3}{52}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}\ \Phi_{195}^{2}\ \Phi_{130}\ \Phi_{65}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
51036	980	1216	$\frac{1}{16}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{15}{64}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{19}\ \Phi_{1}^{2}$
51037	980	960	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{15}{64}$	$\Phi_{960}^{2}\ \Phi_{480}^{2}\ \Phi_{320}\ \Phi_{160}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
51038	980	153	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{2}{9}$	$\Phi_{153}^{6}\ \Phi_{51}^{6}\ \Phi_{17}^{8}\ \Phi_{9}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{12}$
51039	980	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{2}{9}$	$\Phi_{72}^{15}\ \Phi_{36}^{15}\ \Phi_{24}^{17}\ \Phi_{18}^{6}\ \Phi_{12}^{17}\ \Phi_{9}^{9}\ \Phi_{8}^{16}\ \Phi_{6}^{7}\ \Phi_{4}^{16}\ \Phi_{3}^{10}\ \Phi_{2}^{6}\ \Phi_{1}^{10}$
51040	980	979	$\frac{109}{979}$	$\frac{115}{979}$	$\frac{174}{979}$	$\frac{216}{979}$	$\Phi_{979}\ \Phi_{89}\ \Phi_{11}\ \Phi_{1}^{2}$
51041	980	1128	$\frac{17}{141}$	$\frac{1}{8}$	$\frac{22}{141}$	$\frac{31}{141}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{376}\ \Phi_{282}\ \Phi_{188}\ \Phi_{94}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
51042	980	979	$\frac{118}{979}$	$\frac{123}{979}$	$\frac{153}{979}$	$\frac{214}{979}$	$\Phi_{979}\ \Phi_{89}\ \Phi_{11}\ \Phi_{1}^{2}$
51043	980	1182	$\frac{22}{197}$	$\frac{25}{197}$	$\frac{1}{6}$	$\frac{43}{197}$	$\Phi_{1182}\ \Phi_{591}\ \Phi_{394}$
51044	980	1140	$\frac{1}{12}$	$\frac{3}{19}$	$\frac{11}{60}$	$\frac{4}{19}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{95}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{19}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
51045	980	1026	$\frac{5}{54}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\Phi_{1026}\ \Phi_{513}\ \Phi_{342}\ \Phi_{171}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{19}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
51046	980	152	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{152}^{6}\ \Phi_{76}^{6}\ \Phi_{38}^{6}\ \Phi_{19}^{7}\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
51047	980	1320	$\frac{19}{264}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{55}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
51048	980	979	$\frac{111}{979}$	$\frac{124}{979}$	$\frac{171}{979}$	$\frac{202}{979}$	$\Phi_{979}\ \Phi_{89}\ \Phi_{11}\ \Phi_{1}^{2}$
51049	980	1128	$\frac{16}{141}$	$\frac{1}{8}$	$\frac{25}{141}$	$\frac{29}{141}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{376}\ \Phi_{282}\ \Phi_{188}\ \Phi_{94}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
51050	980	132	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{2}{11}$	$\frac{9}{44}$	$\Phi_{132}^{11}\ \Phi_{66}^{11}\ \Phi_{44}^{6}\ \Phi_{33}^{2}\ \Phi_{22}^{6}\ \Phi_{12}^{11}\ \Phi_{11}\ \Phi_{6}^{11}\ \Phi_{4}^{6}\ \Phi_{3}^{2}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
51051	980	60	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{60}$	$\frac{1}{5}$	$\Phi_{60}^{15}\ \Phi_{30}^{16}\ \Phi_{20}^{15}\ \Phi_{15}^{16}\ \Phi_{12}^{20}\ \Phi_{10}^{16}\ \Phi_{6}^{20}\ \Phi_{5}^{15}\ \Phi_{4}^{20}\ \Phi_{3}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{20}$
51052	980	680	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{3}{17}$	$\frac{1}{5}$	$\Phi_{680}^{2}\ \Phi_{340}^{2}\ \Phi_{170}^{2}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}$
51053	980	1230	$\frac{29}{246}$	$\frac{31}{246}$	$\frac{43}{246}$	$\frac{1}{5}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{410}\ \Phi_{205}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
51054	980	270	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{270}^{5}\ \Phi_{135}^{5}\ \Phi_{90}^{5}\ \Phi_{45}^{5}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
51055	980	1440	$\frac{5}{48}$	$\frac{43}{288}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{180}\ \Phi_{160}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
51056	980	120	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^{6}\ \Phi_{30}^{13}\ \Phi_{20}^{6}\ \Phi_{15}^{13}\ \Phi_{10}^{7}\ \Phi_{5}^{6}$
51057	981	1568	$\frac{1}{196}$	$\frac{197}{784}$	$\frac{587}{1568}$	$\frac{195}{392}$	$\Phi_{1568}\ \Phi_{392}\ \Phi_{224}\ \Phi_{56}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
51058	981	1952	$\frac{5}{976}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{971}{1952}$	$\Phi_{1952}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
51059	981	560	$\frac{1}{140}$	$\frac{47}{280}$	$\frac{233}{560}$	$\frac{139}{280}$	$\Phi_{560}^{3}\ \Phi_{280}\ \Phi_{112}^{3}\ \Phi_{80}^{3}\ \Phi_{56}\ \Phi_{40}\ \Phi_{16}^{3}\ \Phi_{8}\ \Phi_{1}$
51060	981	1312	$\frac{3}{328}$	$\frac{1}{4}$	$\frac{331}{1312}$	$\frac{325}{656}$	$\Phi_{1312}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}\ \Phi_{41}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
51061	981	432	$\frac{1}{108}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{107}{216}$	$\Phi_{432}^4\ \Phi_{216}\ \Phi_{144}^4\ \Phi_{72}\ \Phi_{48}^4\ \Phi_{24}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
51062	981	216	$\frac{1}{108}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{107}{216}$	$\Phi_{216}^9\ \Phi_{72}^9\ \Phi_{24}^9\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
51063	981	644	$\frac{5}{322}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{317}{644}$	$\Phi_{644}^3\ \Phi_{92}^3\ \Phi_{28}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
51064	981	1316	$\frac{6}{329}$	$\frac{1}{7}$	$\frac{335}{1316}$	$\frac{323}{658}$	$\Phi_{1316}\ \Phi_{329}\ \Phi_{188}\ \Phi_{47}\ \Phi_{28}\ \Phi_4\ \Phi_1$
51065	981	640	$\frac{7}{320}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{313}{640}$	$\Phi_{640}^3\ \Phi_{128}^3\ \Phi_{40}\ \Phi_8\ \Phi_1$
51066	981	640	$\frac{7}{320}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{313}{640}$	$\Phi_{640}^3\ \Phi_{128}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
51067	981	640	$\frac{7}{320}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{313}{640}$	$\Phi_{640}^3\ \Phi_{128}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
51068	981	440	$\frac{3}{110}$	$\frac{1}{10}$	$\frac{113}{440}$	$\frac{107}{220}$	$\Phi_{440}^3\ \Phi_{110}^3\ \Phi_{88}^3\ \Phi_{55}^3\ \Phi_{40}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
51069	981	1904	$\frac{29}{952}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{923}{1904}$	$\Phi_{1904}\ \Phi_{272}\ \Phi_{112}\ \Phi_{56}\ \Phi_{16}\ \Phi_8\ \Phi_1$
51070	981	210	$\frac{4}{105}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{101}{210}$	$\Phi_{210}^4\ \Phi_{105}^5\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^5\ \Phi_{30}^4\ \Phi_{21}^5\ \Phi_{15}^5\ \Phi_{14}^4\ \Phi_{10}^8\ \Phi_7^5\ \Phi_6^4\ \Phi_5^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^9$
51071	981	660	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{23}{132}$	$\frac{21}{44}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{132}\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{22}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{11}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
51072	981	160	$\frac{7}{160}$	$\frac{1}{20}$	$\frac{51}{160}$	$\frac{19}{40}$	$\Phi_{160}^6\ \Phi_{80}^6\ \Phi_{40}^7\ \Phi_{32}^6\ \Phi_{20}^6\ \Phi_{16}^6\ \Phi_{10}^6\ \Phi_8^7\ \Phi_5^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
51073	981	1040	$\frac{1}{20}$	$\frac{59}{1040}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
51074	981	1280	$\frac{1}{20}$	$\frac{21}{320}$	$\frac{299}{1280}$	$\frac{19}{40}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{256}\ \Phi_{128}\ \Phi_{40}\ \Phi_8\ \Phi_1$
51075	981	400	$\frac{1}{20}$	$\frac{7}{80}$	$\frac{73}{400}$	$\frac{19}{40}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{40}\ \Phi_{25}^3\ \Phi_8\ \Phi_1$
51076	981	120	$\frac{1}{20}$	$\frac{11}{120}$	$\frac{7}{40}$	$\frac{19}{40}$	$\Phi_{120}^9\ \Phi_{60}^9\ \Phi_{40}^7\ \Phi_{30}^9\ \Phi_{24}^9\ \Phi_{20}^6\ \Phi_{15}^9\ \Phi_{12}^9\ \Phi_{10}^6\ \Phi_8^7\ \Phi_6^9\ \Phi_5^6\ \Phi_4^6\ \Phi_3^9\ \Phi_2^6\ \Phi_1^7$
51077	981	1120	$\frac{1}{20}$	$\frac{139}{1120}$	$\frac{21}{160}$	$\frac{19}{40}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
51078	981	616	$\frac{1}{28}$	$\frac{19}{308}$	$\frac{9}{28}$	$\frac{289}{616}$	$\Phi_{616}^3\ \Phi_{88}^3\ \Phi_{56}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
51079	981	448	$\frac{1}{28}$	$\frac{9}{112}$	$\frac{121}{448}$	$\frac{103}{224}$	$\Phi_{448}^3\ \Phi_{112}^3\ \Phi_{64}^3\ \Phi_{56}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
51080	981	1100	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{119}{1100}$	$\frac{101}{220}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{110}\ \Phi_{100}\ \Phi_{55}\ \Phi_{50}\ \Phi_{25}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
51081	981	200	$\frac{1}{20}$	$\frac{9}{100}$	$\frac{19}{100}$	$\frac{91}{200}$	$\Phi_{200}^9\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}^9\ \Phi_{25}\ \Phi_8^9\ \Phi_1$
51082	981	200	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{91}{200}$	$\Phi_{200}^9\ \Phi_{40}^9\ \Phi_{10}^8\ \Phi_8^9\ \Phi_5^8\ \Phi_2^8\ \Phi_1^9$
51083	981	1792	$\frac{1}{28}$	$\frac{85}{896}$	$\frac{27}{112}$	$\frac{811}{1792}$	$\Phi_{1792}\ \Phi_{256}\ \Phi_{112}\ \Phi_{56}\ \Phi_{16}\ \Phi_8\ \Phi_1$
51084	981	400	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{73}{400}$	$\frac{181}{400}$	$\Phi_{400}^2\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{80}^2\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
51085	981	120	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{120}^9\ \Phi_{60}^9\ \Phi_{40}^9\ \Phi_{30}^9\ \Phi_{24}^9\ \Phi_{15}^9\ \Phi_{12}^9\ \Phi_{10}^8\ \Phi_8^9\ \Phi_6^9\ \Phi_5^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
51086	981	990	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{10}{99}$	$\frac{89}{198}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}^2\ \Phi_{45}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1$
51087	981	196	$\frac{1}{49}$	$\frac{11}{98}$	$\frac{16}{49}$	$\frac{87}{196}$	$\Phi_{196}^9\ \Phi_{49}^2\ \Phi_{28}^9\ \Phi_7^2\ \Phi_4^9\ \Phi_1^3$
51088	981	196	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{11}{98}$	$\frac{87}{196}$	$\Phi_{196}^9\ \Phi_{49}^2\ \Phi_{28}^9\ \Phi_7^2\ \Phi_4^9\ \Phi_1^3$
51089	981	1760	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{880}$	$\frac{779}{1760}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{160}\ \Phi_{110}\ \Phi_{55}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
51090	981	1776	$\frac{2}{111}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1776}\ \Phi_{592}\ \Phi_{111}\ \Phi_{37}\ \Phi_{16}\ \Phi_1$
51091	981	1296	$\frac{1}{54}$	$\frac{1}{8}$	$\frac{53}{162}$	$\frac{7}{16}$	$\Phi_{1296}^2\ \Phi_{162}\ \Phi_{81}\ \Phi_{16}\ \Phi_1$
51092	981	112	$\frac{3}{112}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{112}^9\ \Phi_{56}^9\ \Phi_{28}^9\ \Phi_{16}^6\ \Phi_{14}^9\ \Phi_8^9\ \Phi_7^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
51093	981	144	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{35}{144}$	$\frac{7}{16}$	$\Phi_{144}^5\ \Phi_{72}^9\ \Phi_{48}^5\ \Phi_{36}^8\ \Phi_{24}^9\ \Phi_{18}^8\ \Phi_{16}^6\ \Phi_{12}^8\ \Phi_9^8\ \Phi_8^9\ \Phi_6^8\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
51094	981	2160	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{26}{135}$	$\frac{7}{16}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{240}\ \Phi_{135}\ \Phi_{80}\ \Phi_{45}\ \Phi_{16}\ \Phi_{15}\ \Phi_5\ \Phi_1$
51095	981	912	$\frac{5}{114}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{912}^2\ \Phi_{304}^2\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
51096	981	1008	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{17}{126}$	$\frac{7}{16}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{126}\ \Phi_{112}^2\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
51097	981	1872	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{117}\ \Phi_{39}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
51098	981	240	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{240}^8\ \Phi_{120}\ \Phi_{80}^8\ \Phi_{60}\ \Phi_{48}^4\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}^5\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
51099	981	1148	$\frac{1}{41}$	$\frac{40}{287}$	$\frac{1}{4}$	$\frac{247}{574}$	$\Phi_{1148}\ \Phi_{287}\ \Phi_{164}^2\ \Phi_{82}\ \Phi_{41}\ \Phi_{28}\ \Phi_7\ \Phi_4\ \Phi_1$
51100	981	1372	$\frac{1}{49}$	$\frac{48}{343}$	$\frac{391}{1372}$	$\frac{295}{686}$	$\Phi_{1372}\ \Phi_{343}\ \Phi_{196}\ \Phi_{28}\ \Phi_4\ \Phi_1$
51101	981	560	$\frac{1}{70}$	$\frac{47}{280}$	$\frac{23}{70}$	$\frac{233}{560}$	$\Phi_{560}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
51102	981	560	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{47}{280}$	$\frac{233}{560}$	$\Phi_{560}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{56}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
51103	981	1640	$\frac{3}{164}$	$\frac{161}{820}$	$\frac{1}{4}$	$\frac{659}{1640}$	$\Phi_{1640}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}\ \Phi_{41}\ \Phi_{40}\ \Phi_8\ \Phi_1$
51104	981	1400	$\frac{1}{70}$	$\frac{69}{350}$	$\frac{419}{1400}$	$\frac{281}{700}$	$\Phi_{1400}\ \Phi_{350}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{56}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_8\ \Phi_1$
51105	981	325	$\frac{4}{325}$	$\frac{1}{5}$	$\frac{107}{325}$	$\frac{2}{5}$	$\Phi_{325}^3\ \Phi_{65}^3\ \Phi_{25}^3\ \Phi_{13}^3\ \Phi_5^4\ \Phi_1^5$
51106	981	1600	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{181}{800}$	$\frac{619}{1600}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{200}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_8\ \Phi_1$
51107	981	880	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{21}{88}$	$\frac{67}{176}$	$\Phi_{880}^2\ \Phi_{176}\ \Phi_{110}^2\ \Phi_{80}^2\ \Phi_{55}^2\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
51108	981	1120	$\frac{1}{28}$	$\frac{139}{1120}$	$\frac{27}{112}$	$\frac{85}{224}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
51109	981	488	$\frac{5}{488}$	$\frac{1}{4}$	$\frac{161}{488}$	$\frac{3}{8}$	$\Phi_{488}^2\ \Phi_{244}^2\ \Phi_{122}^2\ \Phi_{61}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
51110	981	992	$\frac{11}{992}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{992}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{32}\ \Phi_{31}\ \Phi_8\ \Phi_1$
51111	981	112	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{112}^9\ \Phi_{56}^9\ \Phi_{28}^9\ \Phi_{16}^9\ \Phi_{14}^6\ \Phi_8^9\ \Phi_7^8\ \Phi_4^9\ \Phi_2^6\ \Phi_1^9$
51112	981	168	$\frac{1}{28}$	$\frac{3}{28}$	$\frac{25}{84}$	$\frac{59}{168}$	$\Phi_{168}^9\ \Phi_{56}^9\ \Phi_{28}^8\ \Phi_{24}^9\ \Phi_{14}^8\ \Phi_8^9\ \Phi_7^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
51113	981	340	$\frac{13}{340}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{340}^3\ \Phi_{170}^3\ \Phi_{85}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
51114	981	392	$\frac{1}{49}$	$\frac{65}{392}$	$\frac{16}{49}$	$\frac{33}{98}$	$\Phi_{392}^3\ \Phi_{196}^3\ \Phi_{56}^3\ \Phi_{49}^2\ \Phi_{28}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
51115	981	140	$\frac{1}{70}$	$\frac{31}{140}$	$\frac{23}{70}$	$\frac{47}{140}$	$\Phi_{140}^6\ \Phi_{70}^8\ \Phi_{35}^8\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_7^8\ \Phi_5^8\ \Phi_4^6\ \Phi_2^8\ \Phi_1^9$
51116	981	164	$\frac{1}{82}$	$\frac{1}{4}$	$\frac{27}{82}$	$\frac{55}{164}$	$\Phi_{164}^5\ \Phi_{82}^7\ \Phi_{41}^7\ \Phi_4^4\ \Phi_2^6\ \Phi_1^7$
51117	981	444	$\frac{2}{111}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{444}^2\ \Phi_{222}^2\ \Phi_{148}^2\ \Phi_{111}^3\ \Phi_{74}^2\ \Phi_{37}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
51118	981	324	$\frac{1}{54}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{53}{162}$	$\Phi_{324}^4\ \Phi_{162}^5\ \Phi_{81}^5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
51119	981	147	$\frac{1}{49}$	$\frac{11}{49}$	$\frac{38}{147}$	$\frac{16}{49}$	$\Phi_{147}^9\ \Phi_{49}^2\ \Phi_{21}^9\ \Phi_7^2\ \Phi_3^9\ \Phi_1^3$
51120	981	161	$\frac{5}{161}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{52}{161}$	$\Phi_{161}^6\ \Phi_{23}^6\ \Phi_7^8\ \Phi_1^9$
51121	981	160	$\frac{7}{160}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{51}{160}$	$\Phi_{160}^6\ \Phi_{80}^6\ \Phi_{40}^6\ \Phi_{32}^6\ \Phi_{20}^6\ \Phi_{16}^6\ \Phi_{10}^8\ \Phi_8^6\ \Phi_5^8\ \Phi_4^6\ \Phi_2^8\ \Phi_1^9$
51122	981	160	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{51}{160}$	$\Phi_{160}^6\ \Phi_{80}^6\ \Phi_{40}^6\ \Phi_{32}^6\ \Phi_{20}^6\ \Phi_{16}^6\ \Phi_{10}^6\ \Phi_8^9\ \Phi_5^6\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
51123	981	660	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{23}{132}$	$\frac{10}{33}$	$\Phi_{660}^2\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}^2\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
51124	981	400	$\frac{7}{80}$	$\frac{1}{10}$	$\frac{73}{400}$	$\frac{3}{10}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
51125	981	120	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{120}^9\ \Phi_{60}^9\ \Phi_{40}^6\ \Phi_{30}^9\ \Phi_{24}^9\ \Phi_{20}^6\ \Phi_{15}^9\ \Phi_{12}^9\ \Phi_{10}^8\ \Phi_8^6\ \Phi_6^9\ \Phi_5^8\ \Phi_4^6\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
51126	981	150	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{150}$	$\Phi_{150}^9\ \Phi_{75}^9\ \Phi_{30}^9\ \Phi_{15}^9\ \Phi_{10}^8\ \Phi_6^9\ \Phi_5^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
51127	981	448	$\frac{1}{28}$	$\frac{85}{448}$	$\frac{27}{112}$	$\frac{121}{448}$	$\Phi_{448}^2\ \Phi_{224}^2\ \Phi_{112}^3\ \Phi_{64}^2\ \Phi_{56}^3\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
51128	981	400	$\frac{1}{20}$	$\frac{73}{400}$	$\frac{19}{100}$	$\frac{27}{100}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}\ \Phi_{80}^3\ \Phi_{50}\ \Phi_{40}^3\ \Phi_{25}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_1$
51129	981	120	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{120}^9\ \Phi_{60}^9\ \Phi_{40}^9\ \Phi_{30}^4\ \Phi_{24}^9\ \Phi_{20}^9\ \Phi_{15}^5\ \Phi_{12}^9\ \Phi_{10}^8\ \Phi_8^9\ \Phi_6^4\ \Phi_5^8\ \Phi_4^9\ \Phi_3^5\ \Phi_2^8\ \Phi_1^9$
51130	981	147	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{38}{147}$	$\Phi_{147}^9\ \Phi_{49}^2\ \Phi_{21}^9\ \Phi_7^2\ \Phi_3^9\ \Phi_1^3$
51131	981	440	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{440}$	$\frac{113}{440}$	$\Phi_{440}^2\ \Phi_{220}^2\ \Phi_{110}^3\ \Phi_{88}^2\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{22}^3\ \Phi_{20}^2\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
51132	981	112	$\frac{3}{112}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{112}^9\ \Phi_{56}^9\ \Phi_{28}^9\ \Phi_{16}^9\ \Phi_{14}^9\ \Phi_8^9\ \Phi_7^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
51133	981	144	$\frac{1}{36}$	$\frac{35}{144}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{144}^{9}\ \Phi_{72}^{9}\ \Phi_{48}^{9}\ \Phi_{24}^{9}\ \Phi_{16}^{9}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
51134	981	540	$\frac{1}{27}$	$\frac{26}{135}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{180}^{3}\ \Phi_{135}^{2}\ \Phi_{90}^{2}\ \Phi_{60}^{3}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
51135	981	228	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{228}^{4}\ \Phi_{114}^{5}\ \Phi_{76}^{4}\ \Phi_{57}^{5}\ \Phi_{38}^{5}\ \Phi_{19}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
51136	981	252	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{252}^{4}\ \Phi_{126}^{5}\ \Phi_{84}^{4}\ \Phi_{63}^{5}\ \Phi_{42}^{5}\ \Phi_{28}^{4}\ \Phi_{21}^{5}\ \Phi_{14}^{5}\ \Phi_{7}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
51137	981	468	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{468}^{2}\ \Phi_{234}^{2}\ \Phi_{156}^{2}\ \Phi_{117}^{3}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{39}^{3}\ \Phi_{26}^{2}\ \Phi_{13}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
51138	981	120	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{120}^{9}\ \Phi_{60}^{9}\ \Phi_{40}^{9}\ \Phi_{30}^{9}\ \Phi_{24}^{9}\ \Phi_{20}^{9}\ \Phi_{15}^{9}\ \Phi_{10}^{9}\ \Phi_{8}^{9}\ \Phi_{5}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
51139	981	352	$\frac{25}{352}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{352}^{3}\ \Phi_{176}^{3}\ \Phi_{88}^{3}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
51140	981	400	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{400}$	$\frac{1}{4}$	$\Phi_{400}^{3}\ \Phi_{200}^{3}\ \Phi_{100}^{3}\ \Phi_{50}^{3}\ \Phi_{25}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
51141	981	120	$\frac{11}{120}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{120}^{9}\ \Phi_{60}^{9}\ \Phi_{40}^{6}\ \Phi_{30}^{9}\ \Phi_{24}^{9}\ \Phi_{20}^{6}\ \Phi_{15}^{9}\ \Phi_{12}^{9}\ \Phi_{10}^{6}\ \Phi_{8}^{9}\ \Phi_{6}^{9}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
51142	981	128	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{19}{128}$	$\frac{1}{4}$	$\Phi_{128}^{9}\ \Phi_{64}^{6}\ \Phi_{32}^{6}\ \Phi_{16}^{6}\ \Phi_{8}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
51143	981	140	$\frac{1}{10}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{140}$	$\Phi_{140}^{9}\ \Phi_{70}^{4}\ \Phi_{35}^{5}\ \Phi_{28}^{9}\ \Phi_{20}^{9}\ \Phi_{14}^{4}\ \Phi_{10}^{8}\ \Phi_{7}^{5}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
51144	982	978	$\frac{2}{489}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{487}{978}$	$\Phi_{978}^{2}\ \Phi_{326}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
51145	982	1968	$\frac{1}{164}$	$\frac{165}{656}$	$\frac{1}{3}$	$\frac{163}{328}$	$\Phi_{1968}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
51146	982	2928	$\frac{3}{488}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{485}{976}$	$\Phi_{2928}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
51147	982	872	$\frac{1}{109}$	$\frac{55}{436}$	$\frac{381}{872}$	$\frac{54}{109}$	$\Phi_{872}^{2}\ \Phi_{109}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
51148	982	654	$\frac{1}{109}$	$\frac{163}{654}$	$\frac{55}{218}$	$\frac{54}{109}$	$\Phi_{654}^{2}\ \Phi_{327}^{2}\ \Phi_{109}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
51149	982	972	$\frac{5}{486}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{481}{972}$	$\Phi_{972}^{2}\ \Phi_{324}^{2}\ \Phi_{108}^{2}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
51150	982	972	$\frac{5}{486}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{481}{972}$	$\Phi_{972}^{2}\ \Phi_{324}^{2}\ \Phi_{108}^{2}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
51151	982	960	$\frac{11}{480}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{469}{960}$	$\Phi_{960}^{2}\ \Phi_{320}^{2}\ \Phi_{192}^{2}\ \Phi_{64}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
51152	982	945	$\frac{37}{945}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{454}{945}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}^{2}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
51153	982	594	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{103}{594}$	$\frac{95}{198}$	$\Phi_{594}^{2}\ \Phi_{297}^{2}\ \Phi_{99}^{2}\ \Phi_{54}^{2}\ \Phi_{33}^{2}\ \Phi_{27}^{2}\ \Phi_{11}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
51154	982	504	$\frac{13}{504}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{168}^{2}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
51155	982	2706	$\frac{1}{41}$	$\frac{40}{451}$	$\frac{1}{3}$	$\frac{411}{902}$	$\Phi_{2706}\ \Phi_{246}\ \Phi_{123}\ \Phi_{66}\ \Phi_{6}$
51156	982	540	$\frac{4}{45}$	$\frac{49}{540}$	$\frac{1}{9}$	$\frac{41}{90}$	$\Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{180}^{2}\ \Phi_{135}^{2}\ \Phi_{108}^{2}\ \Phi_{60}^{2}\ \Phi_{54}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
51157	982	900	$\frac{4}{45}$	$\frac{41}{450}$	$\frac{1}{9}$	$\frac{409}{900}$	$\Phi_{900}^{2}\ \Phi_{300}^{2}\ \Phi_{180}^{2}\ \Phi_{100}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
51158	982	891	$\frac{8}{99}$	$\frac{91}{891}$	$\frac{1}{9}$	$\frac{400}{891}$	$\Phi_{891}\ \Phi_{297}\ \Phi_{99}^{2}\ \Phi_{81}\ \Phi_{33}^{2}\ \Phi_{27}\ \Phi_{11}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
51159	982	729	$\frac{5}{243}$	$\frac{1}{9}$	$\frac{238}{729}$	$\frac{4}{9}$	$\Phi_{729}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
51160	982	504	$\frac{13}{504}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{168}^{2}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
51161	982	648	$\frac{5}{162}$	$\frac{1}{9}$	$\frac{157}{648}$	$\frac{4}{9}$	$\Phi_{648}^{2}\ \Phi_{324}^{2}\ \Phi_{216}^{2}\ \Phi_{108}^{2}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
51162	982	513	$\frac{22}{513}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{513}^{2}\ \Phi_{171}^{2}\ \Phi_{57}^{2}\ \Phi_{19}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
51163	982	567	$\frac{5}{81}$	$\frac{1}{9}$	$\frac{76}{567}$	$\frac{4}{9}$	$\Phi_{567}^{2}\ \Phi_{189}^{2}\ \Phi_{63}^{2}\ \Phi_{21}^{2}\ \Phi_{9}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
51164	982	540	$\frac{49}{540}$	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{180}^{2}\ \Phi_{135}^{2}\ \Phi_{108}^{2}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
51165	982	861	$\frac{2}{123}$	$\frac{121}{861}$	$\frac{1}{3}$	$\frac{370}{861}$	$\Phi_{861}\ \Phi_{287}\ \Phi_{123}^{2}\ \Phi_{41}^{2}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
51166	982	2460	$\frac{1}{82}$	$\frac{81}{410}$	$\frac{1}{3}$	$\frac{329}{820}$	$\Phi_{2460}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{60}\ \Phi_{12}\ \Phi_{6}$
51167	982	792	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{95}{396}$	$\frac{301}{792}$	$\Phi_{792}^{2}\ \Phi_{264}^{2}\ \Phi_{99}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{11}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
51168	982	1488	$\frac{5}{496}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
51169	982	738	$\frac{1}{123}$	$\frac{122}{369}$	$\frac{1}{3}$	$\frac{247}{738}$	$\Phi_{738}^2\ \Phi_{246}^2\ \Phi_{123}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{18}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
51170	982	732	$\frac{3}{244}$	$\frac{1}{4}$	$\frac{241}{732}$	$\frac{1}{3}$	$\Phi_{732}\ \Phi_{366}\ \Phi_{244}^2\ \Phi_{183}\ \Phi_{122}^2\ \Phi_{61}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
51171	982	720	$\frac{11}{240}$	$\frac{1}{12}$	$\frac{229}{720}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
51172	982	504	$\frac{13}{504}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
51173	982	648	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{157}{648}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
51174	982	528	$\frac{37}{528}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
51175	982	540	$\frac{1}{12}$	$\frac{49}{540}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
51176	982	600	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{109}{600}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
51177	982	540	$\frac{49}{540}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
51178	982	576	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{85}{576}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{64}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
51179	982	594	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{103}{594}$	$\frac{91}{297}$	$\Phi_{594}^2\ \Phi_{297}\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{33}^2\ \Phi_{27}\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_{9}\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
51180	982	540	$\frac{49}{540}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{135}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{9}\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
51181	982	675	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{225}$	$\frac{184}{675}$	$\Phi_{675}^2\ \Phi_{135}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{9}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
51182	982	630	$\frac{1}{9}$	$\frac{37}{315}$	$\frac{8}{45}$	$\frac{139}{630}$	$\Phi_{630}^2\ \Phi_{315}\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
51183	984	735	$\frac{1}{245}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{122}{245}$	$\Phi_{735}\ \Phi_{245}^2\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
51184	984	983	$\frac{5}{983}$	$\frac{247}{983}$	$\frac{368}{983}$	$\frac{489}{983}$	$\Phi_{983}\ \Phi_{1}^2$
51185	984	1479	$\frac{3}{493}$	$\frac{124}{493}$	$\frac{1}{3}$	$\frac{245}{493}$	$\Phi_{1479}\ \Phi_{87}\ \Phi_{51}$
51186	984	815	$\frac{1}{163}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{81}{163}$	$\Phi_{815}\ \Phi_{163}^2\ \Phi_{5}^2\ \Phi_{1}^4$
51187	984	1956	$\frac{1}{163}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{81}{163}$	$\Phi_{1956}\ \Phi_{978}\ \Phi_{12}^2\ \Phi_{6}^2$
51188	984	983	$\frac{7}{983}$	$\frac{165}{983}$	$\frac{409}{983}$	$\frac{488}{983}$	$\Phi_{983}\ \Phi_{1}^2$
51189	984	1708	$\frac{1}{122}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{121}{244}$	$\Phi_{1708}\ \Phi_{244}^2\ \Phi_{28}\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
51190	984	3660	$\frac{1}{122}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{121}{244}$	$\Phi_{3660}\ \Phi_{60}\ \Phi_{15}$
51191	984	1316	$\frac{3}{329}$	$\frac{1}{4}$	$\frac{83}{329}$	$\frac{163}{329}$	$\Phi_{1316}\ \Phi_{658}\ \Phi_{188}\ \Phi_{94}\ \Phi_{28}\ \Phi_{14}$
51192	984	983	$\frac{9}{983}$	$\frac{245}{983}$	$\frac{248}{983}$	$\frac{487}{983}$	$\Phi_{983}\ \Phi_{1}^2$
51193	984	1479	$\frac{5}{493}$	$\frac{83}{493}$	$\frac{1}{3}$	$\frac{244}{493}$	$\Phi_{1479}\ \Phi_{87}\ \Phi_{51}$
51194	984	891	$\frac{1}{81}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{40}{81}$	$\Phi_{891}\ \Phi_{297}\ \Phi_{99}\ \Phi_{81}^2\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
51195	984	567	$\frac{1}{81}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{40}{81}$	$\Phi_{567}^2\ \Phi_{189}^2\ \Phi_{63}^2\ \Phi_{21}^3\ \Phi_{7}^2$
51196	984	891	$\frac{1}{81}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{40}{81}$	$\Phi_{891}\ \Phi_{297}\ \Phi_{99}\ \Phi_{81}^2\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
51197	984	1620	$\frac{1}{81}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{40}{81}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
51198	984	983	$\frac{13}{983}$	$\frac{83}{983}$	$\frac{450}{983}$	$\frac{485}{983}$	$\Phi_{983}\ \Phi_{1}^2$
51199	984	983	$\frac{17}{983}$	$\frac{125}{983}$	$\frac{286}{983}$	$\frac{483}{983}$	$\Phi_{983}\ \Phi_{1}^2$
51200	984	385	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{14}{55}$	$\frac{27}{55}$	$\Phi_{385}^3\ \Phi_{77}^3\ \Phi_{35}^3\ \Phi_{7}^2$
51201	984	644	$\frac{3}{161}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{79}{161}$	$\Phi_{644}^2\ \Phi_{322}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{4}^2\ \Phi_{2}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
51202	984	983	$\frac{19}{983}$	$\frac{167}{983}$	$\frac{204}{983}$	$\frac{482}{983}$	$\Phi_{983}\ \Phi_1^2$
51203	984	1235	$\frac{5}{247}$	$\frac{42}{247}$	$\frac{1}{5}$	$\frac{121}{247}$	$\Phi_{1235}\ \Phi_{95}\ \Phi_{65}$
51204	984	188	$\frac{1}{47}$	$\frac{6}{47}$	$\frac{1}{4}$	$\frac{23}{47}$	$\Phi_{188}^7\ \Phi_{94}^7\ \Phi_4^6\ \Phi_2^6$
51205	984	983	$\frac{21}{983}$	$\frac{122}{983}$	$\frac{251}{983}$	$\frac{481}{983}$	$\Phi_{983}\ \Phi_1^2$
51206	984	1479	$\frac{11}{493}$	$\frac{42}{493}$	$\frac{1}{3}$	$\frac{241}{493}$	$\Phi_{1479}\ \Phi_{87}\ \Phi_{51}$
51207	984	1840	$\frac{1}{40}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{39}{80}$	$\Phi_{1840}\ \Phi_{368}\ \Phi_{80}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_1^2$
51208	984	3120	$\frac{1}{40}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{3120}\ \Phi_{624}\ \Phi_{39}$
51209	984	1840	$\frac{1}{40}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{39}{80}$	$\Phi_{1840}\ \Phi_{368}\ \Phi_{80}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_1^2$
51210	984	720	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{39}{80}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{144}^3\ \Phi_{48}^3\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
51211	984	1840	$\frac{1}{40}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{39}{80}$	$\Phi_{1840}\ \Phi_{368}\ \Phi_{80}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_1^2$
51212	984	560	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{39}{80}$	$\Phi_{560}^4\ \Phi_{112}^4\ \Phi_{35}$
51213	984	693	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{17}{99}$	$\frac{16}{33}$	$\Phi_{693}^2\ \Phi_{231}\ \Phi_{77}\ \Phi_{63}^2\ \Phi_{21}$
51214	984	714	$\frac{4}{119}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{115}{238}$	$\Phi_{714}^4\ \Phi_{102}^4\ \Phi_{51}\ \Phi_{42}^4\ \Phi_6^4$
51215	984	87	$\frac{1}{29}$	$\frac{5}{87}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{87}^{11}\ \Phi_{29}^{12}\ \Phi_3^{10}\ \Phi_1^{12}$
51216	984	1380	$\frac{1}{23}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{11}{23}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{23}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
51217	984	1012	$\frac{1}{23}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{1012}\ \Phi_{506}\ \Phi_{253}\ \Phi_{44}^2\ \Phi_{23}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_1^2$
51218	984	1035	$\frac{1}{23}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}\ \Phi_{69}\ \Phi_{45}^2\ \Phi_{23}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
51219	984	1150	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{11}{23}$	$\Phi_{1150}\ \Phi_{575}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{23}\ \Phi_1^2$
51220	984	1104	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{11}{23}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
51221	984	1950	$\frac{1}{25}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{1950}\ \Phi_{650}\ \Phi_{390}\ \Phi_{150}\ \Phi_{130}\ \Phi_{75}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
51222	984	390	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{37}{78}$	$\Phi_{390}^6\ \Phi_{130}^6\ \Phi_{65}\ \Phi_{30}^6\ \Phi_{10}^6$
51223	984	665	$\frac{1}{19}$	$\frac{10}{133}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{665}^2\ \Phi_{95}\ \Phi_{35}^2$
51224	984	255	$\frac{3}{85}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{255}^6\ \Phi_{51}^5\ \Phi_{15}^6\ \Phi_3^4$
51225	984	696	$\frac{1}{29}$	$\frac{7}{116}$	$\frac{1}{3}$	$\frac{109}{232}$	$\Phi_{696}^4\ \Phi_{87}\ \Phi_{24}^4$
51226	984	77	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{36}{77}$	$\Phi_{77}^{13}\ \Phi_{11}^{12}\ \Phi_7^{12}\ \Phi_1^{12}$
51227	984	315	$\frac{1}{15}$	$\frac{4}{45}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{315}^4\ \Phi_{105}^3\ \Phi_{63}^4\ \Phi_{35}^3\ \Phi_{21}^3\ \Phi_7^2$
51228	984	1400	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{1400}\ \Phi_{350}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{70}\ \Phi_{50}\ \Phi_{40}\ \Phi_{35}\ \Phi_{10}$
51229	984	130	$\frac{7}{130}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{130}^8\ \Phi_{65}^7\ \Phi_{26}^8\ \Phi_{13}^8\ \Phi_{10}^8\ \Phi_5^6\ \Phi_2^8\ \Phi_1^8$
51230	984	380	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{1}{5}$	$\frac{35}{76}$	$\Phi_{380}^6\ \Phi_{95}\ \Phi_{20}^6$
51231	984	462	$\frac{1}{42}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{42}^4\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{11}^2\ \Phi_7^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
51232	984	594	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{13}{54}$	$\frac{5}{11}$	$\Phi_{594}^2\ \Phi_{297}\ \Phi_{198}^2\ \Phi_{99}\ \Phi_{66}^2\ \Phi_{54}^4\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{18}^4\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
51233	984	308	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{308}^4\ \Phi_{154}^4\ \Phi_{77}^3\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_7^2$
51234	984	495	$\frac{4}{45}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{11}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}\ \Phi_{55}^2\ \Phi_{45}^4\ \Phi_{33}\ \Phi_{15}^4\ \Phi_{11}^2\ \Phi_9^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
51235	984	525	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{1}{7}$	$\frac{34}{75}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}^3\ \Phi_{35}^3\ \Phi_{21}^3\ \Phi_7^2$
51236	984	1050	$\frac{1}{42}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
51237	984	1800	$\frac{1}{25}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
51238	984	427	$\frac{1}{61}$	$\frac{1}{7}$	$\frac{20}{61}$	$\frac{3}{7}$	$\Phi_{427}^2\ \Phi_{61}^4\ \Phi_7^3\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
51239	984	84	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{84}^{16}\ \Phi_{42}^{8}\ \Phi_{28}^{15}\ \Phi_{21}^{8}\ \Phi_{14}^{7}\ \Phi_{12}^{16}\ \Phi_{7}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{14}\ \Phi_{3}^{8}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
51240	984	564	$\frac{1}{47}$	$\frac{23}{141}$	$\frac{1}{4}$	$\frac{59}{141}$	$\Phi_{564}^{2}\ \Phi_{282}^{2}\ \Phi_{188}^{3}\ \Phi_{94}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
51241	984	983	$\frac{17}{983}$	$\frac{161}{983}$	$\frac{286}{983}$	$\frac{411}{983}$	$\Phi_{983}\ \Phi_{1}^{2}$
51242	984	1479	$\frac{7}{493}$	$\frac{81}{493}$	$\frac{1}{3}$	$\frac{206}{493}$	$\Phi_{1479}\ \Phi_{87}\ \Phi_{51}$
51243	984	1200	$\frac{1}{25}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
51244	984	983	$\frac{14}{983}$	$\frac{165}{983}$	$\frac{323}{983}$	$\frac{409}{983}$	$\Phi_{983}\ \Phi_{1}^{2}$
51245	984	350	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{350}^{5}\ \Phi_{175}\ \Phi_{70}^{4}\ \Phi_{50}^{5}\ \Phi_{35}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{2}^{4}$
51246	984	1245	$\frac{1}{83}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1245}\ \Phi_{249}^{2}$
51247	984	815	$\frac{3}{163}$	$\frac{1}{5}$	$\frac{40}{163}$	$\frac{2}{5}$	$\Phi_{815}\ \Phi_{163}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
51248	984	210	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{210}^{5}\ \Phi_{105}^{5}\ \Phi_{70}^{5}\ \Phi_{42}^{4}\ \Phi_{35}^{5}\ \Phi_{30}^{5}\ \Phi_{21}^{4}\ \Phi_{15}^{5}\ \Phi_{14}^{4}\ \Phi_{10}^{5}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
51249	984	595	$\frac{3}{85}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{595}^{2}\ \Phi_{119}^{2}\ \Phi_{35}$
51250	984	1079	$\frac{1}{83}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{1079}
51251	984	462	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{8}{33}$	$\frac{25}{66}$	$\Phi_{462}^{4}\ \Phi_{231}\ \Phi_{154}^{4}\ \Phi_{77}\ \Phi_{42}^{4}\ \Phi_{21}\ \Phi_{14}^{4}$
51252	984	983	$\frac{19}{983}$	$\frac{204}{983}$	$\frac{241}{983}$	$\frac{371}{983}$	$\Phi_{983}\ \Phi_{1}^{2}$
51253	984	1316	$\frac{5}{329}$	$\frac{81}{329}$	$\frac{1}{4}$	$\frac{124}{329}$	$\Phi_{1316}\ \Phi_{658}\ \Phi_{188}\ \Phi_{94}\ \Phi_{28}\ \Phi_{14}$
51254	984	1152	$\frac{5}{128}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
51255	984	983	$\frac{15}{983}$	$\frac{242}{983}$	$\frac{247}{983}$	$\frac{368}{983}$	$\Phi_{983}\ \Phi_{1}^{2}$
51256	984	1050	$\frac{1}{42}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
51257	984	558	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{10}{31}$	$\frac{21}{62}$	$\Phi_{558}^{3}\ \Phi_{279}\ \Phi_{186}^{3}\ \Phi_{93}\ \Phi_{18}^{3}\ \Phi_{6}^{3}$
51258	984	983	$\frac{20}{983}$	$\frac{163}{983}$	$\frac{321}{983}$	$\frac{331}{983}$	$\Phi_{983}\ \Phi_{1}^{2}$
51259	984	1235	$\frac{4}{247}$	$\frac{1}{5}$	$\frac{81}{247}$	$\frac{83}{247}$	$\Phi_{1235}\ \Phi_{95}\ \Phi_{65}$
51260	984	983	$\frac{8}{983}$	$\frac{325}{983}$	$\frac{327}{983}$	$\frac{329}{983}$	$\Phi_{983}\ \Phi_{1}^{2}$
51261	984	1479	$\frac{4}{493}$	$\frac{163}{493}$	$\frac{1}{3}$	$\frac{165}{493}$	$\Phi_{1479}\ \Phi_{87}\ \Phi_{51}$
51262	984	372	$\frac{1}{124}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{372}^{3}\ \Phi_{186}^{3}\ \Phi_{124}^{2}\ \Phi_{93}^{3}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
51263	984	735	$\frac{2}{245}$	$\frac{81}{245}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{735}\ \Phi_{245}^{2}\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}^{2}\ \Phi_{35}^{2}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
51264	984	996	$\frac{1}{83}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{996}\ \Phi_{498}\ \Phi_{332}^{2}\ \Phi_{166}^{2}$
51265	984	375	$\frac{2}{125}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{375}^{2}\ \Phi_{125}^{4}\ \Phi_{75}^{2}\ \Phi_{25}^{4}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
51266	984	147	$\frac{1}{49}$	$\frac{8}{49}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{147}^{5}\ \Phi_{49}^{10}\ \Phi_{21}^{5}\ \Phi_{7}^{10}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
51267	984	42	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{42}^{24}\ \Phi_{21}^{23}\ \Phi_{14}^{24}\ \Phi_{7}^{22}\ \Phi_{6}^{24}\ \Phi_{3}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{24}$
51268	984	420	$\frac{1}{35}$	$\frac{17}{140}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{4}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{70}^{4}\ \Phi_{60}^{2}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{28}^{4}\ \Phi_{21}\ \Phi_{20}^{4}\ \Phi_{15}\ \Phi_{14}^{4}\ \Phi_{12}^{2}\ \Phi_{10}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
51269	984	915	$\frac{1}{61}$	$\frac{1}{5}$	$\frac{20}{61}$	$\frac{1}{3}$	$\Phi_{915}^{2}\ \Phi_{15}^{3}$
51270	984	1479	$\frac{10}{493}$	$\frac{83}{493}$	$\frac{161}{493}$	$\frac{1}{3}$	$\Phi_{1479}\ \Phi_{87}\ \Phi_{51}$
51271	984	1701	$\frac{2}{81}$	$\frac{1}{7}$	$\frac{79}{243}$	$\frac{1}{3}$	$\Phi_{1701}\ \Phi_{21}$
51272	984	780	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}^{2}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}^{2}\ \Phi_{78}\ \Phi_{65}^{2}\ \Phi_{52}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{2}\ \Phi_{13}^{2}$
51273	984	357	$\frac{1}{17}$	$\frac{8}{119}$	$\frac{37}{119}$	$\frac{1}{3}$	$\Phi_{357}^{4}\ \Phi_{51}^{5}\ \Phi_{21}^{4}\ \Phi_{3}^{4}$
51274	984	87	$\frac{5}{87}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{87}^{11}\ \Phi_{29}^{12}\ \Phi_{3}^{10}\ \Phi_{1}^{12}$
51275	984	255	$\frac{3}{85}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{255}^{6}\ \Phi_{51}^{5}\ \Phi_{15}^{6}\ \Phi_{3}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
51276	984	174	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{17}{58}$	$\frac{1}{3}$	$\Phi_{174}^{8}\ \Phi_{87}^{9}\ \Phi_{6}^{8}\ \Phi_{3}^{8}$
51277	984	462	$\frac{1}{42}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{462}^{2}\ \Phi_{231}^{2}\ \Phi_{154}^{2}\ \Phi_{77}^{2}\ \Phi_{66}^{2}\ \Phi_{42}^{4}\ \Phi_{33}\ \Phi_{22}^{2}\ \Phi_{21}^{4}\ \Phi_{14}^{4}\ \Phi_{11}^{2}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
51278	984	1479	$\frac{9}{493}$	$\frac{121}{493}$	$\frac{124}{493}$	$\frac{1}{3}$	$\Phi_{1479}\ \Phi_{87}\ \Phi_{51}$
51279	984	1956	$\frac{3}{163}$	$\frac{40}{163}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1956}\ \Phi_{978}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
51280	984	420	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^{4}\ \Phi_{210}^{2}\ \Phi_{140}^{4}\ \Phi_{105}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{3}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{20}^{4}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$
51281	984	1716	$\frac{3}{44}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{429}\ \Phi_{39}$
51282	984	435	$\frac{1}{29}$	$\frac{22}{145}$	$\frac{7}{29}$	$\frac{1}{3}$	$\Phi_{435}^{4}\ \Phi_{87}\ \Phi_{15}^{4}$
51283	984	378	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{13}{54}$	$\frac{1}{3}$	$\Phi_{378}^{4}\ \Phi_{189}^{2}\ \Phi_{126}^{4}\ \Phi_{63}^{2}\ \Phi_{42}^{4}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{2}$
51284	984	408	$\frac{1}{17}$	$\frac{13}{136}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{408}^{4}\ \Phi_{204}^{4}\ \Phi_{102}^{4}\ \Phi_{51}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}$
51285	984	1197	$\frac{7}{171}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{133}\ \Phi_{21}$
51286	984	585	$\frac{1}{13}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{585}^{2}\ \Phi_{195}\ \Phi_{117}^{2}\ \Phi_{65}^{2}\ \Phi_{39}^{2}\ \Phi_{13}^{2}$
51287	984	1950	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{39}$
51288	984	1785	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{103}{595}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{255}\ \Phi_{105}\ \Phi_{51}\ \Phi_{15}$
51289	984	624	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{624}^{2}\ \Phi_{312}\ \Phi_{208}^{2}\ \Phi_{156}\ \Phi_{104}^{2}\ \Phi_{78}\ \Phi_{52}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{2}\ \Phi_{13}^{2}$
51290	984	189	$\frac{2}{27}$	$\frac{25}{189}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{189}^{5}\ \Phi_{63}^{5}\ \Phi_{27}^{6}\ \Phi_{21}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
51291	984	315	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{315}^{4}\ \Phi_{105}^{4}\ \Phi_{63}^{2}\ \Phi_{35}^{4}\ \Phi_{21}^{3}\ \Phi_{7}^{2}$
51292	984	1692	$\frac{1}{47}$	$\frac{95}{423}$	$\frac{1}{4}$	$\frac{46}{141}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{188}\ \Phi_{94}\ \Phi_{36}\ \Phi_{18}$
51293	984	1932	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{155}{483}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{276}\ \Phi_{138}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
51294	984	1380	$\frac{1}{20}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{19}{60}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{23}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
51295	984	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{19}{60}$	$\Phi_{180}^{6}\ \Phi_{90}^{6}\ \Phi_{60}^{3}\ \Phi_{45}^{6}\ \Phi_{36}^{7}\ \Phi_{30}^{3}\ \Phi_{20}^{6}\ \Phi_{18}^{7}\ \Phi_{15}^{3}\ \Phi_{12}^{4}\ \Phi_{10}^{6}\ \Phi_{9}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
51296	984	1380	$\frac{1}{20}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{19}{60}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{23}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
51297	984	420	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{19}{60}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{4}\ \Phi_{42}^{4}\ \Phi_{35}\ \Phi_{21}^{4}$
51298	984	95	$\frac{1}{19}$	$\frac{13}{95}$	$\frac{1}{5}$	$\frac{6}{19}$	$\Phi_{95}^{10}\ \Phi_{19}^{12}\ \Phi_{5}^{9}\ \Phi_{1}^{12}$
51299	984	455	$\frac{1}{13}$	$\frac{9}{91}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{455}^{3}\ \Phi_{65}\ \Phi_{35}^{3}$
51300	984	1012	$\frac{3}{44}$	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{1012}\ \Phi_{506}\ \Phi_{253}\ \Phi_{44}^{2}\ \Phi_{23}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
51301	984	1035	$\frac{2}{23}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}\ \Phi_{69}\ \Phi_{45}^{2}\ \Phi_{23}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
51302	984	1150	$\frac{2}{23}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{7}{23}$	$\Phi_{1150}\ \Phi_{575}\ \Phi_{50}^{2}\ \Phi_{25}^{2}\ \Phi_{23}\ \Phi_{1}^{2}$
51303	984	1104	$\frac{2}{23}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{7}{23}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{23}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
51304	984	585	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{5}$	$\frac{35}{117}$	$\Phi_{585}^{3}\ \Phi_{65}\ \Phi_{45}^{3}$
51305	984	231	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{7}$	$\frac{67}{231}$	$\Phi_{231}^{6}\ \Phi_{77}\ \Phi_{33}^{6}\ \Phi_{21}^{6}\ \Phi_{3}^{6}$
51306	984	285	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{16}{57}$	$\Phi_{285}^{6}\ \Phi_{95}\ \Phi_{15}^{6}$
51307	984	1350	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{270}\ \Phi_{150}\ \Phi_{135}\ \Phi_{75}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
51308	984	594	$\frac{1}{27}$	$\frac{2}{11}$	$\frac{13}{54}$	$\frac{3}{11}$	$\Phi_{594}^{2}\ \Phi_{297}\ \Phi_{198}^{2}\ \Phi_{99}\ \Phi_{66}^{2}\ \Phi_{54}^{4}\ \Phi_{33}\ \Phi_{27}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{4}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
51309	984	495	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{495}^{2}\ \Phi_{165}^{2}\ \Phi_{99}\ \Phi_{55}^{2}\ \Phi_{45}^{4}\ \Phi_{33}\ \Phi_{15}^{4}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
51310	984	1575	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{14}{75}$	$\frac{61}{225}$	$\Phi_{1575}\ \Phi_{315}\ \Phi_{105}\ \Phi_{63}\ \Phi_{35}\ \Phi_{21}$
51311	984	385	$\frac{3}{55}$	$\frac{1}{7}$	$\frac{13}{55}$	$\frac{14}{55}$	$\Phi_{385}^{3}\ \Phi_{77}^{3}\ \Phi_{35}^{3}\ \Phi_{7}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
51312	984	396	$\frac{3}{44}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^3\ \Phi_{99}^3\ \Phi_{66}^3\ \Phi_{36}\ \Phi_{33}^3\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
51313	984	540	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{13}{54}$	$\frac{1}{4}$	$\Phi_{540}^3\ \Phi_{270}\ \Phi_{180}^3\ \Phi_{135}^2\ \Phi_{90}\ \Phi_{60}^3\ \Phi_{45}^2\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
51314	984	1440	$\frac{3}{40}$	$\frac{1}{9}$	$\frac{37}{160}$	$\frac{1}{4}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
51315	984	1012	$\frac{3}{44}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{1012}\ \Phi_{506}\ \Phi_{253}\ \Phi_{44}^2\ \Phi_{23}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_1^2$
51316	984	1540	$\frac{3}{44}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{35}$
51317	984	180	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^7\ \Phi_{90}^7\ \Phi_{60}^7\ \Phi_{36}^8\ \Phi_{30}^7\ \Phi_{20}^8\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_6^8\ \Phi_4^8\ \Phi_2^8$
51318	984	900	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{50}$	$\frac{1}{4}$	$\Phi_{900}^2\ \Phi_{450}\ \Phi_{300}^2\ \Phi_{225}\ \Phi_{150}\ \Phi_{75}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
51319	984	1260	$\frac{1}{9}$	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
51320	984	188	$\frac{5}{47}$	$\frac{6}{47}$	$\frac{7}{47}$	$\frac{1}{4}$	$\Phi_{188}^7\ \Phi_{94}^7\ \Phi_4^6\ \Phi_2^6$
51321	984	144	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{4}$	$\Phi_{144}^9\ \Phi_{72}^6\ \Phi_{48}^6\ \Phi_{36}^7\ \Phi_{24}^3\ \Phi_{18}^7\ \Phi_{16}^6\ \Phi_{12}^4\ \Phi_9^6\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
51322	984	760	$\frac{1}{19}$	$\frac{29}{152}$	$\frac{1}{5}$	$\frac{9}{38}$	$\Phi_{760}^2\ \Phi_{380}^2\ \Phi_{95}\ \Phi_{40}^2\ \Phi_{20}^2$
51323	984	1035	$\frac{4}{45}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{5}{23}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}\ \Phi_{69}\ \Phi_{45}^2\ \Phi_{23}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
51324	984	1150	$\frac{1}{10}$	$\frac{3}{23}$	$\frac{9}{50}$	$\frac{5}{23}$	$\Phi_{1150}\ \Phi_{575}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{23}\ \Phi_1^2$
51325	984	1104	$\frac{1}{8}$	$\frac{3}{23}$	$\frac{7}{48}$	$\frac{5}{23}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
51326	984	260	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{5}$	$\frac{11}{52}$	$\Phi_{260}^6\ \Phi_{130}^6\ \Phi_{65}\ \Phi_{20}^6\ \Phi_{10}^6$
51327	984	315	$\frac{4}{45}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{35}\ \Phi_{21}^4$
51328	984	350	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{50}$	$\frac{1}{5}$	$\Phi_{350}^4\ \Phi_{175}^4\ \Phi_{35}$
51329	984	1680	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{48}$	$\frac{1}{5}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{35}$
51330	985	392	$\frac{1}{196}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{195}{392}$	$\Phi_{392}\ \Phi_{196}^4\ \Phi_{98}^4\ \Phi_{56}\ \Phi_{49}^4\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_8^2\ \Phi_7^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
51331	985	1952	$\frac{9}{976}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{967}{1952}$	$\Phi_{1952}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
51332	985	390	$\frac{2}{195}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{193}{390}$	$\Phi_{390}^2\ \Phi_{195}^3\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^3\ \Phi_{39}^3\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{15}^3\ \Phi_{13}^3\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
51333	985	1944	$\frac{13}{972}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{959}{1944}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{216}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
51334	985	1128	$\frac{2}{141}$	$\frac{143}{1128}$	$\frac{1}{3}$	$\frac{139}{282}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{376}\ \Phi_{188}\ \Phi_{141}\ \Phi_{47}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
51335	985	264	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{67}{264}$	$\frac{65}{132}$	$\Phi_{264}^5\ \Phi_{88}^5\ \Phi_{66}^5\ \Phi_{33}^5\ \Phi_{24}^5\ \Phi_{22}^5\ \Phi_{11}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
51336	985	1932	$\frac{19}{966}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{947}{1932}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{276}\ \Phi_{92}\ \Phi_{84}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
51337	985	1188	$\frac{5}{198}$	$\frac{1}{6}$	$\frac{203}{1188}$	$\frac{193}{396}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{108}\ \Phi_{99}\ \Phi_{66}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
51338	985	384	$\frac{5}{192}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{187}{384}$	$\Phi_{384}^5\ \Phi_{128}^5\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
51339	985	384	$\frac{5}{192}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{187}{384}$	$\Phi_{384}^5\ \Phi_{128}^5\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
51340	985	384	$\frac{5}{192}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{187}{384}$	$\Phi_{384}^5\ \Phi_{128}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
51341	985	1064	$\frac{3}{76}$	$\frac{79}{1064}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{133}\ \Phi_{76}\ \Phi_{56}\ \Phi_{38}\ \Phi_{28}\ \Phi_{19}\ \Phi_{14}\ \Phi_7\ \Phi_1$
51342	985	288	$\frac{1}{24}$	$\frac{5}{96}$	$\frac{91}{288}$	$\frac{23}{48}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{72}^5\ \Phi_{48}\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_{16}\ \Phi_9^5\ \Phi_1$
51343	985	1056	$\frac{1}{24}$	$\frac{71}{1056}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
51344	985	240	$\frac{1}{24}$	$\frac{5}{48}$	$\frac{43}{240}$	$\frac{23}{48}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{60}^5\ \Phi_{48}\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{16}\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_5^5\ \Phi_1$
51345	985	1152	$\frac{1}{24}$	$\frac{25}{192}$	$\frac{167}{1152}$	$\frac{23}{48}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
51346	985	378	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{181}{378}$	$\Phi_{378}^2\ \Phi_{189}^3\ \Phi_{126}^2\ \Phi_{63}^3\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{27}^3\ \Phi_{21}^3\ \Phi_{18}^5\ \Phi_{14}^2\ \Phi_9^5\ \Phi_7^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
51347	985	660	$\frac{1}{22}$	$\frac{23}{220}$	$\frac{1}{6}$	$\frac{21}{44}$	$\Phi_{660}^2\,\Phi_{330}^2\,\Phi_{220}\,\Phi_{165}^2\,\Phi_{110}\,\Phi_{66}^2\,\Phi_{60}^2\,\Phi_{55}\,\Phi_{33}^2\,\Phi_{30}^2\,\Phi_{22}\,\Phi_{20}\,\Phi_{15}^2\,\Phi_{11}\,\Phi_{10}\,\Phi_6\,\Phi_5\,\Phi_3\,\Phi_1$
51348	985	1872	$\frac{1}{24}$	$\frac{49}{936}$	$\frac{23}{72}$	$\frac{887}{1872}$	$\Phi_{1872}\,\Phi_{624}\,\Phi_{208}\,\Phi_{144}\,\Phi_{72}\,\Phi_{48}\,\Phi_{36}\,\Phi_{18}\,\Phi_{16}\,\Phi_9\,\Phi_1$
51349	985	1872	$\frac{49}{936}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{887}{1872}$	$\Phi_{1872}\,\Phi_{624}\,\Phi_{208}\,\Phi_{144}\,\Phi_{52}\,\Phi_{48}\,\Phi_{26}\,\Phi_{16}\,\Phi_{13}\,\Phi_1$
51350	985	1122	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{177}{374}$	$\Phi_{1122}\,\Phi_{561}\,\Phi_{187}\,\Phi_{102}\,\Phi_{66}^2\,\Phi_{51}\,\Phi_{33}^2\,\Phi_{22}\,\Phi_{17}\,\Phi_{11}\,\Phi_6\,\Phi_3\,\Phi_1$
51351	985	216	$\frac{1}{18}$	$\frac{19}{216}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{216}^5\,\Phi_{108}^5\,\Phi_{72}^5\,\Phi_{54}^5\,\Phi_{27}^5\,\Phi_{24}^5\,\Phi_{18}^5\,\Phi_9^5\,\Phi_8^5\,\Phi_6^4\,\Phi_3^4\,\Phi_2^4\,\Phi_1^5$
51352	985	208	$\frac{11}{208}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{208}^5\,\Phi_{104}^4\,\Phi_{52}^5\,\Phi_{26}^5\,\Phi_{16}^5\,\Phi_{13}^5\,\Phi_8^4\,\Phi_4^4\,\Phi_2^4\,\Phi_1^5$
51353	985	1848	$\frac{61}{924}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{863}{1848}$	$\Phi_{1848}\,\Phi_{616}\,\Phi_{264}\,\Phi_{168}\,\Phi_{88}\,\Phi_{66}\,\Phi_{56}\,\Phi_{33}\,\Phi_{24}\,\Phi_{22}\,\Phi_{11}\,\Phi_8\,\Phi_1$
51354	985	1344	$\frac{1}{24}$	$\frac{23}{336}$	$\frac{359}{1344}$	$\frac{313}{672}$	$\Phi_{1344}\,\Phi_{448}\,\Phi_{336}\,\Phi_{192}\,\Phi_{168}\,\Phi_{112}\,\Phi_{84}\,\Phi_{64}\,\Phi_{56}\,\Phi_{48}\,\Phi_{42}\,\Phi_{28}\,\Phi_{21}\,\Phi_{16}\,\Phi_{14}\,\Phi_7\,\Phi_1$
51355	985	1056	$\frac{71}{1056}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{1056}\,\Phi_{528}\,\Phi_{352}\,\Phi_{264}\,\Phi_{176}\,\Phi_{96}\,\Phi_{88}\,\Phi_{66}\,\Phi_{48}\,\Phi_{33}\,\Phi_{32}\,\Phi_{24}\,\Phi_{22}\,\Phi_{16}\,\Phi_{11}\,\Phi_8\,\Phi_1$
51356	985	1824	$\frac{3}{76}$	$\frac{73}{912}$	$\frac{1}{4}$	$\frac{839}{1824}$	$\Phi_{1824}\,\Phi_{608}\,\Phi_{96}\,\Phi_{76}\,\Phi_{38}\,\Phi_{32}\,\Phi_{19}\,\Phi_1$
51357	985	360	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{1}{6}$	$\frac{163}{360}$	$\Phi_{360}^5\,\Phi_{120}^5\,\Phi_{72}^5\,\Phi_{40}^5\,\Phi_{24}^5\,\Phi_{18}^5\,\Phi_9^5\,\Phi_8^5\,\Phi_6^4\,\Phi_3^4\,\Phi_2^4\,\Phi_1^5$
51358	985	1008	$\frac{23}{1008}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1008}\,\Phi_{504}\,\Phi_{336}\,\Phi_{252}\,\Phi_{168}\,\Phi_{144}\,\Phi_{126}\,\Phi_{112}\,\Phi_{84}\,\Phi_{72}\,\Phi_{63}\,\Phi_{56}\,\Phi_{48}\,\Phi_{36}\,\Phi_{28}\,\Phi_{24}\,\Phi_{21}\,\Phi_{18}\,\Phi_{16}\,\Phi_{12}\,\Phi_9\,\Phi_8\,\Phi_7\,\Phi_4\,\Phi_1$
51359	985	1056	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{1}{6}$	$\frac{155}{352}$	$\Phi_{1056}^2\,\Phi_{352}\,\Phi_{96}^2\,\Phi_{66}^2\,\Phi_{33}^2\,\Phi_{32}\,\Phi_{22}\,\Phi_{11}\,\Phi_6\,\Phi_3\,\Phi_1$
51360	985	1728	$\frac{1}{24}$	$\frac{121}{864}$	$\frac{23}{144}$	$\frac{743}{1728}$	$\Phi_{1728}\,\Phi_{576}\,\Phi_{192}\,\Phi_{144}\,\Phi_{72}\,\Phi_{64}\,\Phi_{48}\,\Phi_{36}\,\Phi_{18}\,\Phi_{16}\,\Phi_9\,\Phi_1$
51361	985	1152	$\frac{1}{24}$	$\frac{167}{1152}$	$\frac{23}{144}$	$\frac{121}{288}$	$\Phi_{1152}\,\Phi_{576}\,\Phi_{384}\,\Phi_{192}\,\Phi_{144}\,\Phi_{128}\,\Phi_{72}\,\Phi_{64}\,\Phi_{48}\,\Phi_{36}\,\Phi_{18}\,\Phi_{16}\,\Phi_9\,\Phi_1$
51362	985	1692	$\frac{2}{141}$	$\frac{139}{846}$	$\frac{1}{3}$	$\frac{707}{1692}$	$\Phi_{1692}\,\Phi_{564}\,\Phi_{188}\,\Phi_{141}\,\Phi_{47}\,\Phi_{36}\,\Phi_{12}\,\Phi_4\,\Phi_1$
51363	985	204	$\frac{7}{204}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{204}^5\,\Phi_{102}^5\,\Phi_{68}^5\,\Phi_{51}^5\,\Phi_{34}^5\,\Phi_{17}^5\,\Phi_6^4\,\Phi_3^4\,\Phi_2^4\,\Phi_1^5$
51364	985	205	$\frac{8}{205}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{205}^5\,\Phi_{41}^4\,\Phi_5^5\,\Phi_1^5$
51365	985	336	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{29}{168}$	$\frac{139}{336}$	$\Phi_{336}^5\,\Phi_{168}\,\Phi_{112}^5\,\Phi_{84}\,\Phi_{56}\,\Phi_{48}^5\,\Phi_{42}\,\Phi_{28}\,\Phi_{21}\,\Phi_{16}^5\,\Phi_{14}\,\Phi_7\,\Phi_1$
51366	985	330	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{32}{165}$	$\frac{133}{330}$	$\Phi_{330}^2\,\Phi_{165}^3\,\Phi_{110}^2\,\Phi_{66}^5\,\Phi_{55}^3\,\Phi_{33}^5\,\Phi_{30}^2\,\Phi_{22}^5\,\Phi_{15}^3\,\Phi_{11}^5\,\Phi_{10}^2\,\Phi_6^4\,\Phi_5^3\,\Phi_3^4\,\Phi_2^4\,\Phi_1^5$
51367	985	246	$\frac{1}{41}$	$\frac{8}{41}$	$\frac{49}{246}$	$\frac{33}{82}$	$\Phi_{246}^5\,\Phi_{123}^5\,\Phi_{41}^4\,\Phi_6^5\,\Phi_3^5\,\Phi_1^5$
51368	985	328	$\frac{1}{41}$	$\frac{8}{41}$	$\frac{33}{164}$	$\frac{131}{328}$	$\Phi_{328}^5\,\Phi_{41}^4\,\Phi_8^5\,\Phi_1^5$
51369	985	1024	$\frac{39}{1024}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{1024}\,\Phi_{512}\,\Phi_{256}\,\Phi_{128}\,\Phi_{32}\,\Phi_{16}\,\Phi_1$
51370	985	1584	$\frac{5}{198}$	$\frac{1}{6}$	$\frac{193}{792}$	$\frac{599}{1584}$	$\Phi_{1584}\,\Phi_{528}\,\Phi_{198}\,\Phi_{176}\,\Phi_{144}\,\Phi_{99}\,\Phi_{66}\,\Phi_{48}\,\Phi_{33}\,\Phi_{22}\,\Phi_{18}\,\Phi_{16}\,\Phi_{11}\,\Phi_9\,\Phi_1$
51371	985	1176	$\frac{1}{98}$	$\frac{1}{4}$	$\frac{97}{294}$	$\frac{3}{8}$	$\Phi_{1176}^2\,\Phi_{294}\,\Phi_{168}^2\,\Phi_{147}\,\Phi_{42}\,\Phi_{24}^2\,\Phi_{21}\,\Phi_8\,\Phi_6\,\Phi_3\,\Phi_1$
51372	985	200	$\frac{3}{200}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{200}^5\,\Phi_{100}^5\,\Phi_{50}^5\,\Phi_{40}^5\,\Phi_{25}^5\,\Phi_{20}^5\,\Phi_{10}^5\,\Phi_8^2\,\Phi_5^5\,\Phi_4^4\,\Phi_2^4\,\Phi_1^5$
51373	985	1960	$\frac{1}{49}$	$\frac{48}{245}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1960}\,\Phi_{280}\,\Phi_{245}\,\Phi_{40}\,\Phi_{35}\,\Phi_8\,\Phi_5\,\Phi_1$
51374	985	1624	$\frac{6}{203}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1624}\,\Phi_{232}\,\Phi_{203}\,\Phi_{29}\,\Phi_8\,\Phi_1$
51375	985	224	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{224}^5\,\Phi_{112}^5\,\Phi_{56}\,\Phi_{32}^5\,\Phi_{28}^4\,\Phi_{16}^5\,\Phi_{14}^4\,\Phi_8^2\,\Phi_7^4\,\Phi_4^4\,\Phi_2^4\,\Phi_1^5$
51376	985	840	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^2\,\Phi_{280}^2\,\Phi_{210}\,\Phi_{168}^2\,\Phi_{120}^2\,\Phi_{105}\,\Phi_{70}\,\Phi_{42}\,\Phi_{40}^2\,\Phi_{35}\,\Phi_{30}\,\Phi_{24}^2\,\Phi_{21}\,\Phi_{15}\,\Phi_{10}\,\Phi_8\,\Phi_6\,\Phi_5\,\Phi_3\,\Phi_1$
51377	985	1008	$\frac{23}{1008}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1008}\,\Phi_{504}\,\Phi_{336}\,\Phi_{252}\,\Phi_{168}\,\Phi_{144}\,\Phi_{126}\,\Phi_{112}\,\Phi_{84}\,\Phi_{72}\,\Phi_{63}\,\Phi_{56}\,\Phi_{48}\,\Phi_{42}\,\Phi_{28}\,\Phi_{24}\,\Phi_{21}\,\Phi_{18}\,\Phi_{16}\,\Phi_{14}\,\Phi_9\,\Phi_8\,\Phi_7\,\Phi_1$
51378	985	1488	$\frac{7}{248}$	$\frac{1}{8}$	$\frac{241}{744}$	$\frac{503}{1488}$	$\Phi_{1488}\,\Phi_{496}\,\Phi_{248}\,\Phi_{124}\,\Phi_{62}\,\Phi_{48}\,\Phi_{31}\,\Phi_{16}\,\Phi_1$
51379	985	1476	$\frac{1}{123}$	$\frac{122}{369}$	$\frac{491}{1476}$	$\frac{247}{738}$	$\Phi_{1476}\,\Phi_{492}\,\Phi_{369}\,\Phi_{164}\,\Phi_{36}\,\Phi_{12}\,\Phi_9\,\Phi_4\,\Phi_1$
51380	985	1269	$\frac{2}{141}$	$\frac{284}{1269}$	$\frac{139}{423}$	$\frac{1}{3}$	$\Phi_{1269}\,\Phi_{141}\,\Phi_{47}\,\Phi_{27}\,\Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
51381	985	1449	$\frac{19}{483}$	$\frac{2}{21}$	$\frac{464}{1449}$	$\frac{1}{3}$	$\Phi_{1449}\ \Phi_{207}\ \Phi_{63}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
51382	985	234	$\frac{2}{39}$	$\frac{37}{234}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{234}^{5}\ \Phi_{117}^{5}\ \Phi_{78}^{2}\ \Phi_{39}^{3}\ \Phi_{26}^{2}\ \Phi_{18}^{5}\ \Phi_{13}^{3}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
51383	985	210	$\frac{13}{210}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{210}^{5}\ \Phi_{105}^{5}\ \Phi_{70}^{5}\ \Phi_{42}^{5}\ \Phi_{35}^{5}\ \Phi_{30}^{2}\ \Phi_{21}^{5}\ \Phi_{15}^{3}\ \Phi_{14}^{5}\ \Phi_{10}^{2}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
51384	985	1458	$\frac{13}{486}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{473}{1458}$	$\Phi_{1458}\ \Phi_{729}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
51385	985	228	$\frac{3}{76}$	$\frac{31}{228}$	$\frac{1}{4}$	$\frac{73}{228}$	$\Phi_{228}^{4}\ \Phi_{114}^{4}\ \Phi_{76}^{5}\ \Phi_{57}^{4}\ \Phi_{38}^{5}\ \Phi_{19}^{5}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
51386	985	288	$\frac{5}{96}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{91}{288}$	$\Phi_{288}^{5}\ \Phi_{144}^{5}\ \Phi_{72}^{5}\ \Phi_{36}^{5}\ \Phi_{32}\ \Phi_{18}^{5}\ \Phi_{16}\ \Phi_{9}^{5}\ \Phi_{1}$
51387	985	288	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{91}{288}$	$\Phi_{288}^{5}\ \Phi_{144}^{5}\ \Phi_{72}^{5}\ \Phi_{36}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
51388	985	1092	$\frac{3}{52}$	$\frac{107}{1092}$	$\frac{1}{4}$	$\frac{49}{156}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{91}\ \Phi_{84}\ \Phi_{52}\ \Phi_{42}\ \Phi_{28}\ \Phi_{26}\ \Phi_{21}\ \Phi_{14}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}$
51389	985	1404	$\frac{3}{52}$	$\frac{49}{468}$	$\frac{1}{4}$	$\frac{419}{1404}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{108}\ \Phi_{54}\ \Phi_{52}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
51390	985	216	$\frac{19}{216}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{216}^{5}\ \Phi_{108}^{5}\ \Phi_{72}^{5}\ \Phi_{54}^{2}\ \Phi_{36}^{5}\ \Phi_{27}^{3}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
51391	985	1386	$\frac{5}{66}$	$\frac{61}{462}$	$\frac{1}{6}$	$\frac{401}{1386}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{66}\ \Phi_{63}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
51392	985	1296	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{311}{1296}$	$\frac{121}{432}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
51393	985	1368	$\frac{3}{76}$	$\frac{73}{456}$	$\frac{1}{4}$	$\frac{383}{1368}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{76}\ \Phi_{72}\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
51394	985	1026	$\frac{41}{1026}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{1026}\ \Phi_{513}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
51395	985	1296	$\frac{13}{324}$	$\frac{1}{6}$	$\frac{311}{1296}$	$\frac{5}{18}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
51396	985	1134	$\frac{13}{162}$	$\frac{149}{1134}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
51397	985	216	$\frac{19}{216}$	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{216}^{5}\ \Phi_{108}^{4}\ \Phi_{72}^{5}\ \Phi_{54}^{4}\ \Phi_{36}^{4}\ \Phi_{27}^{4}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{12}^{4}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
51398	985	270	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{17}{90}$	$\frac{73}{270}$	$\Phi_{270}^{5}\ \Phi_{135}^{5}\ \Phi_{54}^{5}\ \Phi_{27}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
51399	985	1056	$\frac{71}{1056}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
51400	985	264	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{21}{88}$	$\frac{67}{264}$	$\Phi_{264}^{3}\ \Phi_{132}^{3}\ \Phi_{88}^{4}\ \Phi_{66}^{5}\ \Phi_{44}^{4}\ \Phi_{33}^{5}\ \Phi_{24}^{3}\ \Phi_{22}^{5}\ \Phi_{12}^{3}\ \Phi_{11}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
51401	985	1216	$\frac{3}{76}$	$\frac{231}{1216}$	$\frac{73}{304}$	$\frac{1}{4}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{76}\ \Phi_{64}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{1}$
51402	985	1248	$\frac{3}{52}$	$\frac{49}{312}$	$\frac{263}{1248}$	$\frac{1}{4}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{208}\ \Phi_{96}\ \Phi_{52}\ \Phi_{48}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
51403	985	256	$\frac{5}{64}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{59}{256}$	$\Phi_{256}^{5}\ \Phi_{128}^{5}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
51404	985	224	$\frac{27}{224}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{7}{32}$	$\Phi_{224}^{5}\ \Phi_{112}^{5}\ \Phi_{56}^{5}\ \Phi_{32}\ \Phi_{28}^{5}\ \Phi_{16}\ \Phi_{14}^{5}\ \Phi_{7}^{5}\ \Phi_{1}$
51405	985	1152	$\frac{1}{8}$	$\frac{25}{192}$	$\frac{167}{1152}$	$\frac{7}{32}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
51406	985	252	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{6}$	$\frac{55}{252}$	$\Phi_{252}^{5}\ \Phi_{126}^{2}\ \Phi_{84}^{5}\ \Phi_{63}^{3}\ \Phi_{42}^{2}\ \Phi_{36}^{5}\ \Phi_{28}^{5}\ \Phi_{21}^{3}\ \Phi_{18}^{5}\ \Phi_{14}^{2}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
51407	985	216	$\frac{19}{216}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{216}^{5}\ \Phi_{108}^{5}\ \Phi_{72}^{5}\ \Phi_{54}^{5}\ \Phi_{36}^{5}\ \Phi_{27}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
51408	985	240	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{43}{240}$	$\Phi_{240}^{5}\ \Phi_{120}^{5}\ \Phi_{80}^{5}\ \Phi_{60}^{5}\ \Phi_{40}^{5}\ \Phi_{30}^{5}\ \Phi_{20}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
51409	986	788	$\frac{1}{197}$	$\frac{99}{394}$	$\frac{295}{788}$	$\frac{98}{197}$	$\Phi_{788}^{2}\ \Phi_{197}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
51410	986	980	$\frac{3}{490}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{487}{980}$	$\Phi_{980}^{2}\ \Phi_{196}^{2}\ \Phi_{140}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
51411	986	975	$\frac{11}{975}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{482}{975}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{195}\ \Phi_{75}\ \Phi_{65}\ \Phi_{39}\ \Phi_{25}\ \Phi_{15}^{2}\ \Phi_{13}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
51412	986	660	$\frac{2}{165}$	$\frac{1}{5}$	$\frac{167}{660}$	$\frac{163}{330}$	$\Phi_{660}^{2}\ \Phi_{220}^{2}\ \Phi_{165}^{2}\ \Phi_{132}^{2}\ \Phi_{60}^{2}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
51413	986	1824	$\frac{1}{57}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{28}{57}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{96}\ \Phi_{57}\ \Phi_{32}^{2}\ \Phi_{19}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
51414	986	456	$\frac{1}{57}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{28}{57}$	$\Phi_{456}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{24}^3\ \Phi_{19}^3\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
51415	986	1140	$\frac{1}{57}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{28}{57}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{95}\ \Phi_{60}\ \Phi_{57}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
51416	986	2886	$\frac{12}{481}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{469}{962}$	$\Phi_{2886}\ \Phi_{222}\ \Phi_{78}\ \Phi_{39}\ \Phi_6$
51417	986	1596	$\frac{1}{38}$	$\frac{39}{532}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{399}\ \Phi_{114}\ \Phi_{84}\ \Phi_{57}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
51418	986	960	$\frac{13}{480}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{467}{960}$	$\Phi_{960}^2\ \Phi_{320}^2\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
51419	986	1848	$\frac{1}{33}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{16}{33}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{168}\ \Phi_{88}\ \Phi_{56}^2\ \Phi_{33}\ \Phi_{24}\ \Phi_{11}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
51420	986	462	$\frac{1}{33}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{16}{33}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{42}^3\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{11}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
51421	986	1056	$\frac{1}{33}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{96}\ \Phi_{88}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
51422	986	1155	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{16}{33}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{165}\ \Phi_{105}\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
51423	986	504	$\frac{1}{28}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{504}^4\ \Phi_{168}^3\ \Phi_{72}^4\ \Phi_{56}^4\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
51424	986	616	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{27}{56}$	$\Phi_{616}^3\ \Phi_{88}^3\ \Phi_{56}^4\ \Phi_{22}^2\ \Phi_{11}\ \Phi_8^4\ \Phi_2^2\ \Phi_1^2$
51425	986	550	$\frac{2}{55}$	$\frac{57}{550}$	$\frac{1}{5}$	$\frac{53}{110}$	$\Phi_{550}^2\ \Phi_{275}^2\ \Phi_{55}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
51426	986	2850	$\frac{18}{475}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{457}{950}$	$\Phi_{2850}\ \Phi_{570}\ \Phi_{150}\ \Phi_{114}\ \Phi_{57}\ \Phi_{30}\ \Phi_6$
51427	986	1560	$\frac{1}{26}$	$\frac{27}{520}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{120}\ \Phi_{78}\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
51428	986	945	$\frac{41}{945}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{452}{945}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
51429	986	540	$\frac{2}{45}$	$\frac{47}{540}$	$\frac{1}{5}$	$\frac{43}{90}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
51430	986	936	$\frac{1}{26}$	$\frac{25}{468}$	$\frac{1}{3}$	$\frac{443}{936}$	$\Phi_{936}^2\ \Phi_{312}^2\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{72}^2\ \Phi_{39}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6$
51431	986	55	$\frac{3}{55}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{26}{55}$	$\Phi_{55}^{18}\ \Phi_{11}^{18}\ \Phi_5^{17}\ \Phi_1^{18}$
51432	986	480	$\frac{1}{30}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{480}^4\ \Phi_{160}^4\ \Phi_{96}^3\ \Phi_{32}^4\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
51433	986	608	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{9}{38}$	$\frac{15}{32}$	$\Phi_{608}^3\ \Phi_{38}^2\ \Phi_{32}^4\ \Phi_{19}\ \Phi_2^2\ \Phi_1^2$
51434	986	1890	$\frac{1}{35}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1890}\ \Phi_{630}\ \Phi_{378}\ \Phi_{270}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
51435	986	912	$\frac{1}{38}$	$\frac{37}{456}$	$\frac{1}{3}$	$\frac{419}{912}$	$\Phi_{912}^2\ \Phi_{304}^2\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_6$
51436	986	900	$\frac{2}{45}$	$\frac{43}{450}$	$\frac{1}{5}$	$\frac{407}{900}$	$\Phi_{900}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
51437	986	280	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{280}^5\ \Phi_{70}^5\ \Phi_{56}^5\ \Phi_{40}^4\ \Phi_{35}^4\ \Phi_{14}^5\ \Phi_{10}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
51438	986	880	$\frac{2}{55}$	$\frac{53}{440}$	$\frac{1}{5}$	$\frac{387}{880}$	$\Phi_{880}^2\ \Phi_{176}^2\ \Phi_{80}^2\ \Phi_{55}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
51439	986	1770	$\frac{1}{59}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1770}\ \Phi_{590}\ \Phi_{354}\ \Phi_{177}\ \Phi_{118}$
51440	986	30	$\frac{1}{30}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{30}^{32}\ \Phi_{15}^{34}\ \Phi_{10}^{32}\ \Phi_6^{32}\ \Phi_5^{33}\ \Phi_3^{34}\ \Phi_2^{32}\ \Phi_1^{34}$
51441	986	210	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{210}^5\ \Phi_{105}^5\ \Phi_{70}^5\ \Phi_{42}^5\ \Phi_{35}^5\ \Phi_{30}^4\ \Phi_{21}^3\ \Phi_{15}^4\ \Phi_{14}^5\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
51442	986	350	$\frac{1}{35}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{350}^5\ \Phi_{70}^5\ \Phi_{50}^4\ \Phi_{35}^4\ \Phi_{14}^5\ \Phi_{10}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
51443	986	1416	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1416}\ \Phi_{472}\ \Phi_{354}\ \Phi_{177}\ \Phi_{118}$
51444	986	1260	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
51445	986	825	$\frac{4}{165}$	$\frac{161}{825}$	$\frac{1}{5}$	$\frac{332}{825}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{165}^2\ \Phi_{75}\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
51446	986	735	$\frac{3}{245}$	$\frac{1}{5}$	$\frac{242}{735}$	$\frac{2}{5}$	$\Phi_{735}^2\ \Phi_{147}^2\ \Phi_{105}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
51447	986	500	$\frac{7}{500}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{500}^2\ \Phi_{250}^2\ \Phi_{125}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
51448	986	60	$\frac{1}{30}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{60}^{20}\ \Phi_{30}^{14}\ \Phi_{20}^{18}\ \Phi_{15}^{14}\ \Phi_{12}^{20}\ \Phi_{10}^{12}\ \Phi_{6}^{14}\ \Phi_{5}^{13}\ \Phi_{4}^{18}\ \Phi_{3}^{14}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
51449	986	560	$\frac{3}{70}$	$\frac{67}{560}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{140}^{2}\ \Phi_{112}^{2}\ \Phi_{80}^{2}\ \Phi_{56}^{2}\ \Phi_{40}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
51450	986	525	$\frac{32}{525}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{525}^{2}\ \Phi_{175}^{2}\ \Phi_{105}^{2}\ \Phi_{75}^{2}\ \Phi_{25}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
51451	986	1680	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
51452	986	420	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{420}^{4}\ \Phi_{210}\ \Phi_{140}^{4}\ \Phi_{105}\ \Phi_{84}^{4}\ \Phi_{70}\ \Phi_{60}^{4}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{20}^{4}\ \Phi_{14}\ \Phi_{12}^{4}\ \Phi_{4}^{2}$
51453	986	570	$\frac{1}{38}$	$\frac{77}{570}$	$\frac{37}{114}$	$\frac{1}{3}$	$\Phi_{570}^{2}\ \Phi_{285}^{2}\ \Phi_{190}^{2}\ \Phi_{114}\ \Phi_{95}^{2}\ \Phi_{57}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{6}\ \Phi_{5}^{2}$
51454	986	546	$\frac{1}{26}$	$\frac{53}{546}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{546}^{2}\ \Phi_{273}^{2}\ \Phi_{182}^{2}\ \Phi_{91}^{2}\ \Phi_{78}\ \Phi_{42}^{2}\ \Phi_{39}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}$
51455	986	126	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{126}^{8}\ \Phi_{63}^{8}\ \Phi_{42}^{7}\ \Phi_{21}^{7}\ \Phi_{18}^{10}\ \Phi_{14}^{6}\ \Phi_{9}^{10}\ \Phi_{7}^{6}\ \Phi_{6}^{9}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
51456	986	702	$\frac{1}{26}$	$\frac{25}{234}$	$\frac{209}{702}$	$\frac{1}{3}$	$\Phi_{702}^{2}\ \Phi_{351}^{2}\ \Phi_{78}\ \Phi_{54}^{2}\ \Phi_{39}\ \Phi_{27}^{2}\ \Phi_{6}$
51457	986	120	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{120}^{8}\ \Phi_{60}^{8}\ \Phi_{40}^{8}\ \Phi_{30}^{10}\ \Phi_{24}^{7}\ \Phi_{20}^{8}\ \Phi_{15}^{10}\ \Phi_{12}^{7}\ \Phi_{10}^{10}\ \Phi_{8}^{6}\ \Phi_{6}^{9}\ \Phi_{5}^{10}\ \Phi_{4}^{6}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
51458	986	684	$\frac{1}{38}$	$\frac{37}{228}$	$\frac{191}{684}$	$\frac{1}{3}$	$\Phi_{684}^{2}\ \Phi_{342}^{2}\ \Phi_{171}^{2}\ \Phi_{114}\ \Phi_{57}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}$
51459	986	60	$\frac{1}{30}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^{15}\ \Phi_{30}^{17}\ \Phi_{20}^{16}\ \Phi_{15}^{17}\ \Phi_{12}^{16}\ \Phi_{10}^{18}\ \Phi_{6}^{18}\ \Phi_{5}^{18}\ \Phi_{4}^{16}\ \Phi_{3}^{17}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
51460	986	288	$\frac{1}{18}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{288}^{4}\ \Phi_{144}^{4}\ \Phi_{96}^{3}\ \Phi_{72}^{4}\ \Phi_{48}^{3}\ \Phi_{32}^{4}\ \Phi_{24}^{3}\ \Phi_{18}^{2}\ \Phi_{16}^{4}\ \Phi_{9}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
51461	986	1824	$\frac{1}{38}$	$\frac{115}{608}$	$\frac{37}{152}$	$\frac{1}{3}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{114}\ \Phi_{96}\ \Phi_{57}\ \Phi_{48}\ \Phi_{6}$
51462	986	114	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{9}{38}$	$\frac{1}{3}$	$\Phi_{114}^{17}\ \Phi_{57}^{9}\ \Phi_{6}^{17}\ \Phi_{3}^{8}$
51463	986	1260	$\frac{1}{35}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
51464	986	624	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{131}{624}$	$\frac{1}{3}$	$\Phi_{624}^{2}\ \Phi_{312}^{2}\ \Phi_{208}^{2}\ \Phi_{104}^{2}\ \Phi_{78}\ \Phi_{48}^{2}\ \Phi_{39}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{6}$
51465	986	570	$\frac{1}{19}$	$\frac{77}{570}$	$\frac{18}{95}$	$\frac{1}{3}$	$\Phi_{570}^{2}\ \Phi_{285}\ \Phi_{190}^{2}\ \Phi_{114}^{2}\ \Phi_{95}^{2}\ \Phi_{57}^{2}\ \Phi_{38}^{2}\ \Phi_{30}^{2}\ \Phi_{19}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
51466	986	630	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{210}^{2}\ \Phi_{105}\ \Phi_{90}^{2}\ \Phi_{70}^{2}\ \Phi_{45}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
51467	986	720	$\frac{13}{240}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{227}{720}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{144}^{2}\ \Phi_{90}^{2}\ \Phi_{72}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
51468	986	462	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{13}{42}$	$\Phi_{462}^{3}\ \Phi_{231}^{3}\ \Phi_{66}^{3}\ \Phi_{42}^{4}\ \Phi_{33}^{3}\ \Phi_{22}^{2}\ \Phi_{21}^{4}\ \Phi_{11}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
51469	986	540	$\frac{47}{540}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{135}$	$\Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{180}^{2}\ \Phi_{135}\ \Phi_{108}^{2}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{54}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{27}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
51470	986	456	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{9}{38}$	$\frac{7}{24}$	$\Phi_{456}^{3}\ \Phi_{228}^{3}\ \Phi_{114}^{3}\ \Phi_{57}^{3}\ \Phi_{38}^{2}\ \Phi_{24}^{4}\ \Phi_{19}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
51471	986	675	$\frac{2}{45}$	$\frac{43}{225}$	$\frac{1}{5}$	$\frac{182}{675}$	$\Phi_{675}^{2}\ \Phi_{135}^{2}\ \Phi_{45}^{2}\ \Phi_{27}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
51472	986	90	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{90}^{15}\ \Phi_{45}^{14}\ \Phi_{30}^{4}\ \Phi_{18}^{15}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{14}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
51473	986	585	$\frac{11}{195}$	$\frac{92}{585}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{585}^{2}\ \Phi_{195}\ \Phi_{117}^{2}\ \Phi_{65}\ \Phi_{45}^{2}\ \Phi_{39}\ \Phi_{15}^{2}\ \Phi_{13}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
51474	986	525	$\frac{32}{525}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{525}^{2}\ \Phi_{175}^{2}\ \Phi_{105}^{2}\ \Phi_{75}\ \Phi_{35}^{2}\ \Phi_{25}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
51475	986	660	$\frac{2}{55}$	$\frac{1}{5}$	$\frac{53}{220}$	$\frac{167}{660}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{165}^{2}\ \Phi_{132}^{2}\ \Phi_{66}^{2}\ \Phi_{60}^{2}\ \Phi_{55}^{2}\ \Phi_{33}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
51476	986	380	$\frac{1}{19}$	$\frac{3}{20}$	$\frac{9}{38}$	$\frac{1}{4}$	$\Phi_{380}^{3}\ \Phi_{190}^{3}\ \Phi_{95}^{3}\ \Phi_{38}^{2}\ \Phi_{20}^{4}\ \Phi_{19}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
51477	986	352	$\frac{1}{11}$	$\frac{3}{32}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{352}^{3}\ \Phi_{176}^{3}\ \Phi_{88}^{3}\ \Phi_{32}^{4}\ \Phi_{22}^{2}\ \Phi_{16}^{4}\ \Phi_{11}\ \Phi_{8}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
51478	986	770	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{5}{22}$	$\Phi_{770}^{2}\ \Phi_{385}\ \Phi_{110}^{2}\ \Phi_{70}^{2}\ \Phi_{55}\ \Phi_{35}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
51479	986	630	$\frac{4}{45}$	$\frac{41}{315}$	$\frac{1}{5}$	$\frac{137}{630}$	$\Phi_{630}^{2}\ \Phi_{315}\ \Phi_{210}^{2}\ \Phi_{126}^{2}\ \Phi_{105}\ \Phi_{90}^{2}\ \Phi_{70}^{2}\ \Phi_{63}\ \Phi_{45}^{2}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{21}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
51480	986	540	$\frac{47}{540}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{180}^{2}\ \Phi_{135}^{2}\ \Phi_{108}^{2}\ \Phi_{90}^{2}\ \Phi_{54}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
51481	986	600	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{107}{600}$	$\frac{1}{5}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
51482	987	1308	$\frac{2}{327}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{325}{654}$	$\Phi_{1308}\ \Phi_{436}\ \Phi_{327}\ \Phi_{109}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
51483	987	840	$\frac{1}{140}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{139}{280}$	$\Phi_{840}^2\ \Phi_{280}^3\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
51484	987	2520	$\frac{1}{140}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{139}{280}$	$\Phi_{2520}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{72}\ \Phi_{56}\ \Phi_{40}\ \Phi_9\ \Phi_8\ \Phi_1$
51485	987	440	$\frac{1}{110}$	$\frac{1}{4}$	$\frac{111}{440}$	$\frac{109}{220}$	$\Phi_{440}^3\ \Phi_{220}^2\ \Phi_{110}\ \Phi_{88}^3\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{40}^3\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
51486	987	1300	$\frac{4}{325}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{321}{650}$	$\Phi_{1300}\ \Phi_{325}\ \Phi_{260}\ \Phi_{100}\ \Phi_{65}\ \Phi_{52}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
51487	987	396	$\frac{1}{66}$	$\frac{67}{396}$	$\frac{1}{4}$	$\frac{65}{132}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^2\ \Phi_{99}^3\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{36}^3\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
51488	987	648	$\frac{5}{324}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{319}{648}$	$\Phi_{648}^3\ \Phi_{216}^3\ \Phi_{72}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
51489	987	1856	$\frac{1}{58}$	$\frac{59}{928}$	$\frac{869}{1856}$	$\frac{57}{116}$	$\Phi_{1856}\ \Phi_{116}\ \Phi_{64}\ \Phi_4\ \Phi_1$
51490	987	464	$\frac{1}{58}$	$\frac{59}{464}$	$\frac{135}{464}$	$\frac{57}{116}$	$\Phi_{464}^2\ \Phi_{232}^2\ \Phi_{116}^3\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
51491	987	1160	$\frac{1}{58}$	$\frac{173}{1160}$	$\frac{59}{232}$	$\frac{57}{116}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{145}\ \Phi_{116}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
51492	987	920	$\frac{1}{46}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{45}{92}$	$\Phi_{920}^2\ \Phi_{184}^2\ \Phi_{92}\ \Phi_{40}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
51493	987	460	$\frac{1}{46}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{45}{92}$	$\Phi_{460}^4\ \Phi_{92}^5\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
51494	987	184	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{45}{92}$	$\Phi_{184}^6\ \Phi_{92}^5\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_8^9\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
51495	987	2300	$\frac{1}{46}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{45}{92}$	$\Phi_{2300}\ \Phi_{100}\ \Phi_{92}\ \Phi_{25}\ \Phi_4\ \Phi_1$
51496	987	640	$\frac{9}{320}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{311}{640}$	$\Phi_{640}^3\ \Phi_{128}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
51497	987	272	$\frac{1}{34}$	$\frac{5}{136}$	$\frac{131}{272}$	$\frac{33}{68}$	$\Phi_{272}^7\ \Phi_{68}\ \Phi_{16}^7\ \Phi_4\ \Phi_1$
51498	987	68	$\frac{1}{34}$	$\frac{5}{68}$	$\frac{21}{68}$	$\frac{33}{68}$	$\Phi_{68}^{15}\ \Phi_{34}^{14}\ \Phi_{17}^{14}\ \Phi_4^{15}\ \Phi_2^{14}\ \Phi_1^{15}$
51499	987	1088	$\frac{1}{34}$	$\frac{101}{1088}$	$\frac{35}{136}$	$\frac{33}{68}$	$\Phi_{1088}\ \Phi_{544}\ \Phi_{272}\ \Phi_{68}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_4\ \Phi_1$
51500	987	1276	$\frac{10}{319}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{309}{638}$	$\Phi_{1276}\ \Phi_{319}\ \Phi_{116}\ \Phi_{44}^2\ \Phi_{29}\ \Phi_{22}\ \Phi_{11}\ \Phi_4\ \Phi_1$
51501	987	360	$\frac{1}{30}$	$\frac{31}{360}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9^3\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
51502	987	272	$\frac{5}{136}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{131}{272}$	$\Phi_{272}^7\ \Phi_{17}^2\ \Phi_{16}^7\ \Phi_1^3$
51503	987	990	$\frac{2}{45}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
51504	987	180	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{43}{90}$	$\Phi_{180}^7\ \Phi_{60}^8\ \Phi_{45}^7\ \Phi_{36}^7\ \Phi_{30}\ \Phi_{20}^8\ \Phi_{15}^7\ \Phi_{12}^8\ \Phi_{10}\ \Phi_9^7\ \Phi_6\ \Phi_5^7\ \Phi_4^7\ \Phi_3^7\ \Phi_1^7$
51505	987	352	$\frac{1}{22}$	$\frac{23}{352}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{352}^3\ \Phi_{176}^3\ \Phi_{88}^3\ \Phi_{44}^2\ \Phi_{32}^3\ \Phi_{22}\ \Phi_{16}^3\ \Phi_{11}\ \Phi_8^3\ \Phi_4\ \Phi_1$
51506	987	2760	$\frac{1}{23}$	$\frac{1}{20}$	$\frac{22}{69}$	$\frac{19}{40}$	$\Phi_{2760}\ \Phi_{552}\ \Phi_{120}\ \Phi_{69}\ \Phi_{40}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
51507	987	704	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{704}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{64}\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
51508	987	88	$\frac{1}{22}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{88}^{21}\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{11}\ \Phi_8^{21}\ \Phi_4\ \Phi_1$
51509	987	612	$\frac{1}{34}$	$\frac{23}{306}$	$\frac{11}{34}$	$\frac{283}{612}$	$\Phi_{612}^3\ \Phi_{204}^3\ \Phi_{68}^3\ \Phi_{36}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
51510	987	600	$\frac{1}{30}$	$\frac{29}{300}$	$\frac{1}{4}$	$\frac{271}{600}$	$\Phi_{600}^3\ \Phi_{200}^3\ \Phi_{120}^3\ \Phi_{60}^2\ \Phi_{40}^3\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
51511	987	1360	$\frac{1}{34}$	$\frac{33}{340}$	$\frac{373}{1360}$	$\frac{307}{680}$	$\Phi_{1360}\ \Phi_{340}\ \Phi_{272}\ \Phi_{170}\ \Phi_{85}\ \Phi_{80}\ \Phi_{68}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
51512	987	340	$\frac{11}{340}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{340}^3\ \Phi_{170}^3\ \Phi_{85}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{20}^2\ \Phi_{17}^3\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
51513	987	1188	$\frac{1}{33}$	$\frac{32}{297}$	$\frac{1}{4}$	$\frac{265}{594}$	$\Phi_{1188}\ \Phi_{396}\ \Phi_{297}\ \Phi_{132}^2\ \Phi_{108}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
51514	987	924	$\frac{1}{22}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{924}^2\ \Phi_{308}^2\ \Phi_{132}^2\ \Phi_{84}\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{28}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
51515	987	580	$\frac{1}{58}$	$\frac{39}{290}$	$\frac{19}{58}$	$\frac{251}{580}$	$\Phi_{580}^3\ \Phi_{116}^3\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{20}^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
51516	987	580	$\frac{1}{29}$	$\frac{39}{290}$	$\frac{28}{145}$	$\frac{251}{580}$	$\Phi_{580}^3\ \Phi_{145}\ \Phi_{116}^3\ \Phi_{20}^3\ \Phi_5\ \Phi_4^3\ \Phi_1$
51517	987	58	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{11}{58}$	$\frac{25}{58}$	$\Phi_{58}^{14}\ \Phi_{29}^{20}\ \Phi_2^{14}\ \Phi_1^{21}$
51518	987	1700	$\frac{1}{34}$	$\frac{137}{850}$	$\frac{33}{170}$	$\frac{713}{1700}$	$\Phi_{1700}\ \Phi_{340}\ \Phi_{170}\ \Phi_{100}\ \Phi_{85}\ \Phi_{68}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
51519	987	408	$\frac{1}{34}$	$\frac{11}{68}$	$\frac{79}{408}$	$\frac{57}{136}$	$\Phi_{408}^3\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{68}^3\ \Phi_{51}^3\ \Phi_{34}^2\ \Phi_{24}^3\ \Phi_{17}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
51520	987	464	$\frac{1}{58}$	$\frac{19}{116}$	$\frac{135}{464}$	$\frac{97}{232}$	$\Phi_{464}^3\ \Phi_{116}^3\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{16}^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
51521	987	420	$\frac{1}{70}$	$\frac{1}{6}$	$\frac{23}{70}$	$\frac{5}{12}$	$\Phi_{420}^4\ \Phi_{140}^4\ \Phi_{84}^4\ \Phi_{70}^2\ \Phi_{60}^4\ \Phi_{35}^2\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{14}^2\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
51522	987	48	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{48}^{21}\ \Phi_{24}^{21}\ \Phi_{16}^{21}\ \Phi_{12}^{20}\ \Phi_8^{21}\ \Phi_6^{19}\ \Phi_4^{19}\ \Phi_3^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
51523	987	1740	$\frac{4}{145}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1740}\ \Phi_{580}\ \Phi_{348}\ \Phi_{145}\ \Phi_{116}\ \Phi_{29}\ \Phi_{12}\ \Phi_4\ \Phi_1$
51524	987	2100	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{34}{175}$	$\frac{5}{12}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{300}\ \Phi_{175}\ \Phi_{100}\ \Phi_{25}\ \Phi_{12}\ \Phi_4\ \Phi_1$
51525	987	168	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{168}^6\ \Phi_{84}^4\ \Phi_{56}^9\ \Phi_{42}^4\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{21}^4\ \Phi_{14}^6\ \Phi_{12}^5\ \Phi_8^9\ \Phi_7^6\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
51526	987	588	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{588}^3\ \Phi_{196}^3\ \Phi_{84}^2\ \Phi_{49}^3\ \Phi_{28}^2\ \Phi_{12}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
51527	987	480	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^3\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^3\ \Phi_{48}^2\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{24}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
51528	987	300	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{300}^6\ \Phi_{100}^6\ \Phi_{60}^4\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{20}^4\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
51529	987	924	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{924}^2\ \Phi_{308}^2\ \Phi_{154}\ \Phi_{132}^2\ \Phi_{77}\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
51530	987	880	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{880}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{80}\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
51531	987	1160	$\frac{1}{29}$	$\frac{173}{1160}$	$\frac{28}{145}$	$\frac{117}{290}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{232}\ \Phi_{145}\ \Phi_{116}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
51532	987	1100	$\frac{1}{55}$	$\frac{54}{275}$	$\frac{1}{4}$	$\frac{221}{550}$	$\Phi_{1100}\ \Phi_{275}\ \Phi_{220}^2\ \Phi_{110}\ \Phi_{100}\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{25}\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
51533	987	544	$\frac{1}{34}$	$\frac{11}{68}$	$\frac{57}{272}$	$\frac{215}{544}$	$\Phi_{544}^3\ \Phi_{68}^3\ \Phi_{34}^2\ \Phi_{32}^3\ \Phi_{17}^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
51534	987	232	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{25}{116}$	$\frac{91}{232}$	$\Phi_{232}^7\ \Phi_{29}^6\ \Phi_8^7\ \Phi_1^7$
51535	987	528	$\frac{1}{66}$	$\frac{65}{264}$	$\frac{1}{4}$	$\frac{199}{528}$	$\Phi_{528}^3\ \Phi_{176}^3\ \Phi_{132}^2\ \Phi_{66}\ \Phi_{48}^3\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
51536	987	792	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{792}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{72}\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
51537	987	630	$\frac{1}{70}$	$\frac{2}{9}$	$\frac{23}{70}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^3\ \Phi_7^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
51538	987	69	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{69}^{11}\ \Phi_{23}^{21}\ \Phi_3^{10}\ \Phi_1^{21}$
51539	987	345	$\frac{16}{345}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{345}^3\ \Phi_{115}^3\ \Phi_{69}^2\ \Phi_{23}^3\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
51540	987	144	$\frac{1}{48}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{144}^9\ \Phi_{72}^9\ \Phi_{48}^3\ \Phi_{36}^8\ \Phi_{24}^3\ \Phi_{18}^8\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^9\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
51541	987	1305	$\frac{4}{145}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1305}\ \Phi_{261}\ \Phi_{145}\ \Phi_{29}\ \Phi_9\ \Phi_1$
51542	987	1575	$\frac{1}{35}$	$\frac{34}{175}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1575}\ \Phi_{225}\ \Phi_{175}\ \Phi_{25}\ \Phi_9\ \Phi_1$
51543	987	504	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{504}^3\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{72}^3\ \Phi_{63}^2\ \Phi_{56}^3\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
51544	987	441	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{441}^3\ \Phi_{63}^2\ \Phi_{49}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_1^3$
51545	987	594	$\frac{1}{22}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}^2\ \Phi_{54}\ \Phi_{33}^2\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
51546	987	1440	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{160}\ \Phi_{144}\ \Phi_{80}\ \Phi_{72}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
51547	987	450	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{450}^3\ \Phi_{225}^3\ \Phi_{90}^2\ \Phi_{50}^3\ \Phi_{45}^2\ \Phi_{25}^3\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_9^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
51548	987	1386	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{198}\ \Phi_{154}\ \Phi_{99}\ \Phi_{77}\ \Phi_{22}\ \Phi_{11}\ \Phi_9\ \Phi_1$
51549	987	660	$\frac{1}{22}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{110}\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
51550	987	408	$\frac{1}{34}$	$\frac{79}{408}$	$\frac{23}{102}$	$\frac{11}{34}$	$\Phi_{408}^3\ \Phi_{204}^3\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{34}^2\ \Phi_{24}^3\ \Phi_{17}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
51551	987	396	$\frac{1}{33}$	$\frac{67}{396}$	$\frac{1}{4}$	$\frac{32}{99}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^3\ \Phi_{99}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{36}^2\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
51552	987	972	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{157}{486}$	$\Phi_{972}^2\ \Phi_{486}\ \Phi_{243}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
51553	987	690	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{22}{69}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{138}^2\ \Phi_{69}^3\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
51554	987	552	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{22}{69}$	$\Phi_{552}^3\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{69}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
51555	987	1725	$\frac{1}{23}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{22}{69}$	$\Phi_{1725}\ \Phi_{75}\ \Phi_{69}\ \Phi_{25}\ \Phi_3\ \Phi_1$
51556	987	480	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{151}{480}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
51557	987	360	$\frac{1}{15}$	$\frac{31}{360}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{360}^3\ \Phi_{180}^2\ \Phi_{120}^3\ \Phi_{90}^2\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
51558	987	68	$\frac{5}{68}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{21}{68}$	$\Phi_{68}^{14}\ \Phi_{34}^{14}\ \Phi_{17}^{16}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{17}$
51559	987	51	$\frac{4}{51}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{51}^{21}\ \Phi_{17}^{16}\ \Phi_3^{21}\ \Phi_1^{17}$
51560	987	132	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{1}{4}$	$\frac{19}{66}$	$\Phi_{132}^{14}\ \Phi_{66}^7\ \Phi_{44}^2\ \Phi_{33}^7\ \Phi_{22}\ \Phi_{12}^{14}\ \Phi_{11}\ \Phi_6^7\ \Phi_4\ \Phi_3^7\ \Phi_1$
51561	987	684	$\frac{13}{342}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{684}^2\ \Phi_{342}\ \Phi_{228}^2\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
51562	987	435	$\frac{1}{29}$	$\frac{28}{145}$	$\frac{106}{435}$	$\frac{39}{145}$	$\Phi_{435}^3\ \Phi_{145}\ \Phi_{87}^3\ \Phi_{15}^3\ \Phi_5\ \Phi_3^3\ \Phi_1$
51563	987	900	$\frac{1}{30}$	$\frac{29}{150}$	$\frac{1}{4}$	$\frac{121}{450}$	$\Phi_{900}^2\ \Phi_{450}\ \Phi_{225}\ \Phi_{180}^2\ \Phi_{90}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
51564	987	432	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{103}{432}$	$\frac{1}{4}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
51565	987	360	$\frac{31}{360}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_9^3\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
51566	987	60	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{4}$	$\Phi_{60}^{15}\ \Phi_{30}^{15}\ \Phi_{20}^{15}\ \Phi_{15}^{21}\ \Phi_{12}^{15}\ \Phi_{10}^{15}\ \Phi_6^{15}\ \Phi_5^{21}\ \Phi_4^{14}\ \Phi_3^{21}\ \Phi_2^{14}\ \Phi_1^{21}$
51567	987	100	$\frac{3}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{100}^{13}\ \Phi_{50}^6\ \Phi_{25}^7\ \Phi_{20}^{14}\ \Phi_{10}^7\ \Phi_5^7\ \Phi_4^{13}\ \Phi_2^6\ \Phi_1^7$
51568	987	780	$\frac{4}{65}$	$\frac{61}{390}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{780}^2\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
51569	987	400	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{400}$	$\frac{1}{4}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
51570	987	360	$\frac{31}{360}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
51571	987	108	$\frac{5}{54}$	$\frac{7}{54}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{108}^{12}\ \Phi_{54}^6\ \Phi_{36}^{12}\ \Phi_{27}^6\ \Phi_{18}^6\ \Phi_{12}^{14}\ \Phi_9^6\ \Phi_6^7\ \Phi_4^{13}\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
51572	987	170	$\frac{2}{17}$	$\frac{5}{34}$	$\frac{29}{170}$	$\frac{3}{17}$	$\Phi_{170}^7\ \Phi_{85}^7\ \Phi_{17}^2\ \Phi_{10}^7\ \Phi_5^7\ \Phi_1^3$
51573	988	492	$\frac{1}{246}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{245}{492}$	$\Phi_{492}^4\ \Phi_{164}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
51574	988	330	$\frac{1}{165}$	$\frac{83}{330}$	$\frac{1}{3}$	$\frac{82}{165}$	$\Phi_{330}^4\ \Phi_{165}^2\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{30}^4\ \Phi_{22}^4\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^2\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
51575	988	423	$\frac{1}{141}$	$\frac{71}{423}$	$\frac{176}{423}$	$\frac{70}{141}$	$\Phi_{423}^2\ \Phi_{141}^3\ \Phi_{47}^3\ \Phi_9^2\ \Phi_3^3\ \Phi_1^4$
51576	988	981	$\frac{7}{981}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{487}{981}$	$\Phi_{981}\ \Phi_{327}\ \Phi_{109}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
51577	988	490	$\frac{2}{245}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{243}{490}$	$\Phi_{490}^4\ \Phi_{98}^4\ \Phi_{70}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7\ \Phi_2^4\ \Phi_1^2$
51578	988	1470	$\frac{2}{245}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{243}{490}$	$\Phi_{1470}^2\ \Phi_{294}^2\ \Phi_{210}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
51579	988	329	$\frac{3}{329}$	$\frac{82}{329}$	$\frac{83}{329}$	$\frac{163}{329}$	$\Phi_{329}^3\ \Phi_{47}^3\ \Phi_7^3\ \Phi_1^4$
51580	988	297	$\frac{1}{99}$	$\frac{50}{297}$	$\frac{1}{3}$	$\frac{49}{99}$	$\Phi_{297}^4\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{27}^4\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
51581	988	2440	$\frac{3}{244}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{241}{488}$	$\Phi_{2440}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
51582	988	600	$\frac{1}{75}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{37}{75}$	$\Phi_{600}^3\ \Phi_{200}^3\ \Phi_{120}^3\ \Phi_{75}\ \Phi_{40}^3\ \Phi_{25}\ \Phi_{24}^4\ \Phi_{15}\ \Phi_8^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
51583	988	75	$\frac{1}{75}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{37}{75}$	$\Phi_{75}^{13}\ \Phi_{25}^{13}\ \Phi_{15}^{14}\ \Phi_5^{14}\ \Phi_3^{13}\ \Phi_1^{14}$
51584	988	450	$\frac{1}{75}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{37}{75}$	$\Phi_{450}^3\ \Phi_{225}^3\ \Phi_{90}^3\ \Phi_{75}\ \Phi_{45}^3\ \Phi_{25}\ \Phi_{18}^4\ \Phi_{15}\ \Phi_9^4\ \Phi_5\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
51585	988	1200	$\frac{1}{75}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{37}{75}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{120}\ \Phi_{80}\ \Phi_{75}\ \Phi_{48}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
51586	988	486	$\frac{4}{243}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{239}{486}$	$\Phi_{486}^4\ \Phi_{162}^4\ \Phi_{54}^4\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
51587	988	825	$\frac{1}{55}$	$\frac{28}{275}$	$\frac{1}{3}$	$\frac{27}{55}$	$\Phi_{825}^2\ \Phi_{165}\ \Phi_{75}^2\ \Phi_{33}\ \Phi_{15}$
51588	988	612	$\frac{1}{51}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{25}{51}$	$\Phi_{612}^3\ \Phi_{204}^3\ \Phi_{68}^3\ \Phi_{51}\ \Phi_{36}^4\ \Phi_{17}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
51589	988	357	$\frac{1}{51}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{357}^3\ \Phi_{119}^3\ \Phi_{51}\ \Phi_{21}^4\ \Phi_{17}\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
51590	988	459	$\frac{1}{51}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{25}{51}$	$\Phi_{459}^3\ \Phi_{51}\ \Phi_{27}^4\ \Phi_{17}\ \Phi_3\ \Phi_1^2$
51591	988	408	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{25}{51}$	$\Phi_{408}^3\ \Phi_{204}^3\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{51}\ \Phi_{24}^4\ \Phi_{17}\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
51592	988	1452	$\frac{5}{242}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{237}{484}$	$\Phi_{1452}^2\ \Phi_{132}^2\ \Phi_{33}\ \Phi_{12}^2$
51593	988	470	$\frac{1}{47}$	$\frac{12}{235}$	$\frac{223}{470}$	$\frac{23}{47}$	$\Phi_{470}^4\ \Phi_{94}^4\ \Phi_{47}\ \Phi_{10}^4\ \Phi_2^4\ \Phi_1^2$
51594	988	705	$\frac{1}{47}$	$\frac{24}{235}$	$\frac{211}{705}$	$\frac{23}{47}$	$\Phi_{705}^2\ \Phi_{141}^2\ \Phi_{47}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
51595	988	282	$\frac{1}{47}$	$\frac{35}{282}$	$\frac{12}{47}$	$\frac{23}{47}$	$\Phi_{282}^4\ \Phi_{141}^4\ \Phi_{94}^4\ \Phi_{47}\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^2$
51596	988	270	$\frac{1}{45}$	$\frac{23}{270}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^2\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
51597	988	483	$\frac{11}{483}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{236}{483}$	$\Phi_{483}^2\ \Phi_{161}^2\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_{21}^3\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
51598	988	925	$\frac{1}{37}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{18}{37}$	$\Phi_{925}\ \Phi_{185}\ \Phi_{37}^2\ \Phi_{25}^2\ \Phi_5^2\ \Phi_1^4$
51599	988	1554	$\frac{1}{37}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{1554}\ \Phi_{777}\ \Phi_{222}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
51600	988	555	$\frac{1}{37}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{18}{37}$	$\Phi_{555}^2\ \Phi_{185}\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_{15}^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
51601	988	329	$\frac{9}{329}$	$\frac{13}{329}$	$\frac{158}{329}$	$\frac{160}{329}$	$\Phi_{329}^3\ \Phi_{47}^3\ \Phi_7^3\ \Phi_1^4$
51602	988	480	$\frac{7}{240}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{233}{480}$	$\Phi_{480}^4\ \Phi_{160}^4\ \Phi_{96}^4\ \Phi_{32}^4\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
51603	988	480	$\frac{7}{240}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{233}{480}$	$\Phi_{480}^4\ \Phi_{160}^4\ \Phi_{96}^4\ \Phi_{40}\ \Phi_{32}^4\ \Phi_{20}\ \Phi_{10}$
51604	988	264	$\frac{1}{33}$	$\frac{17}{264}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{264}^4\ \Phi_{132}^4\ \Phi_{88}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{33}^2\ \Phi_{24}^4\ \Phi_{22}^4\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
51605	988	957	$\frac{31}{957}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{463}{957}$	$\Phi_{957}\ \Phi_{319}\ \Phi_{87}\ \Phi_{33}^2\ \Phi_{29}\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
51606	988	154	$\frac{3}{77}$	$\frac{1}{14}$	$\frac{20}{77}$	$\frac{37}{77}$	$\Phi_{154}^7\ \Phi_{77}^6\ \Phi_{22}^7\ \Phi_{14}^6\ \Phi_{11}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
51607	988	300	$\frac{1}{25}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{300}^5\ \Phi_{150}^5\ \Phi_{75}^4\ \Phi_{60}^6\ \Phi_{30}^6\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^4$
51608	988	945	$\frac{2}{45}$	$\frac{43}{945}$	$\frac{1}{3}$	$\frac{451}{945}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
51609	988	945	$\frac{43}{945}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{451}{945}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
51610	988	141	$\frac{7}{141}$	$\frac{8}{141}$	$\frac{37}{141}$	$\frac{67}{141}$	$\Phi_{141}^7\ \Phi_{47}^7\ \Phi_3^7\ \Phi_1^8$
51611	988	99	$\frac{4}{99}$	$\frac{5}{99}$	$\frac{1}{3}$	$\frac{47}{99}$	$\Phi_{99}^{10}\ \Phi_{33}^{10}\ \Phi_{11}^{10}\ \Phi_9^{10}\ \Phi_3^9\ \Phi_1^{10}$
51612	988	108	$\frac{1}{27}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{108}^{18}\ \Phi_{36}^{16}\ \Phi_{27}^2\ \Phi_{12}^{16}\ \Phi_9^2\ \Phi_4^{16}\ \Phi_3\ \Phi_1^2$
51613	988	612	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{17}{36}$	$\Phi_{612}^3\ \Phi_{204}^3\ \Phi_{68}^3\ \Phi_{36}^4\ \Phi_{17}^3\ \Phi_{12}^4\ \Phi_4^4\ \Phi_1^4$
51614	988	1260	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{180}\ \Phi_{140}^2\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
51615	988	1060	$\frac{1}{20}$	$\frac{3}{53}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{1060}\ \Phi_{530}\ \Phi_{265}\ \Phi_{212}\ \Phi_{106}$
51616	988	336	$\frac{1}{21}$	$\frac{5}{84}$	$\frac{89}{336}$	$\frac{79}{168}$	$\Phi_{336}^4\ \Phi_{112}^4\ \Phi_{84}^4\ \Phi_{48}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{16}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_7^3\ \Phi_6^4\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
51617	988	147	$\frac{3}{49}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{23}{49}$	$\Phi_{147}^7\ \Phi_{49}^5\ \Phi_{21}^{10}\ \Phi_7^7\ \Phi_3^{10}\ \Phi_1^8$
51618	988	255	$\frac{8}{255}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{255}^4\ \Phi_{85}^4\ \Phi_{51}^4\ \Phi_{17}^4\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
51619	988	462	$\frac{1}{33}$	$\frac{16}{231}$	$\frac{1}{3}$	$\frac{215}{462}$	$\Phi_{462}^4\ \Phi_{154}^4\ \Phi_{66}^4\ \Phi_{42}^4\ \Phi_{33}^2\ \Phi_{22}^4\ \Phi_{14}^4\ \Phi_{11}^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
51620	988	462	$\frac{1}{21}$	$\frac{16}{231}$	$\frac{5}{21}$	$\frac{215}{462}$	$\Phi_{462}^4\ \Phi_{154}^4\ \Phi_{66}^4\ \Phi_{42}^4\ \Phi_{22}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
51621	988	987	$\frac{38}{987}$	$\frac{73}{987}$	$\frac{265}{987}$	$\frac{457}{987}$	$\Phi_{987}\ \Phi_{329}\ \Phi_{141}\ \Phi_{47}\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
51622	988	495	$\frac{14}{495}$	$\frac{37}{495}$	$\frac{1}{3}$	$\frac{229}{495}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
51623	988	702	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{702}^2\ \Phi_{351}\ \Phi_{234}^2\ \Phi_{117}\ \Phi_{78}^2\ \Phi_{54}^2\ \Phi_{39}\ \Phi_{18}^2\ \Phi_6^2$
51624	988	312	$\frac{1}{39}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{312}^6\ \Phi_{104}^6\ \Phi_{39}^2\ \Phi_{24}^4\ \Phi_{13}^2\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
51625	988	600	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{6}{25}$	$\frac{11}{24}$	$\Phi_{600}^3\ \Phi_{200}^3\ \Phi_{120}^3\ \Phi_{40}^3\ \Phi_{25}^3\ \Phi_{24}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_1^4$
51626	988	120	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{120}^{15}\ \Phi_{40}^{15}\ \Phi_{24}^{16}\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^{16}\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
51627	988	360	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{7}{45}$	$\frac{11}{24}$	$\Phi_{360}^6\ \Phi_{120}^3\ \Phi_{72}^6\ \Phi_{45}^2\ \Phi_{40}^3\ \Phi_{24}^4\ \Phi_{15}\ \Phi_9^2\ \Phi_8^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
51628	988	70	$\frac{1}{14}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{70}^{14}\ \Phi_{35}^{12}\ \Phi_{14}^{20}\ \Phi_{10}^{14}\ \Phi_7^{17}\ \Phi_5^{12}\ \Phi_2^{20}\ \Phi_1^{18}$
51629	988	759	$\frac{6}{253}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{759}^2\ \Phi_{69}^2\ \Phi_{33}$
51630	988	154	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{154}^7\ \Phi_{77}^7\ \Phi_{22}^3\ \Phi_{14}^6\ \Phi_{11}^4\ \Phi_7^6\ \Phi_2^2\ \Phi_1^4$
51631	988	450	$\frac{1}{45}$	$\frac{22}{225}$	$\frac{1}{3}$	$\frac{203}{450}$	$\Phi_{450}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{50}^4\ \Phi_{45}^2\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
51632	988	47	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{9}{47}$	$\frac{21}{47}$	$\Phi_{47}^{21}\ \Phi_1^{22}$
51633	988	891	$\frac{2}{99}$	$\frac{97}{891}$	$\frac{1}{3}$	$\frac{397}{891}$	$\Phi_{891}\ \Phi_{297}\ \Phi_{99}^2\ \Phi_{81}\ \Phi_{33}^2\ \Phi_{27}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
51634	988	252	$\frac{5}{252}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_9^2\ \Phi_7^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
51635	988	234	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{234}^6\ \Phi_{117}^3\ \Phi_{78}^6\ \Phi_{39}^2\ \Phi_{26}^6\ \Phi_{18}^4\ \Phi_{13}^2\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
51636	988	441	$\frac{1}{21}$	$\frac{53}{441}$	$\frac{10}{63}$	$\frac{194}{441}$	$\Phi_{441}^2\ \Phi_{147}^2\ \Phi_{63}^4\ \Phi_{49}^2\ \Phi_{21}^3\ \Phi_9^4\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
51637	988	1320	$\frac{1}{55}$	$\frac{27}{220}$	$\frac{1}{3}$	$\frac{193}{440}$	$\Phi_{1320}^2\ \Phi_{264}^2\ \Phi_{165}\ \Phi_{120}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{15}$
51638	988	1280	$\frac{9}{256}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
51639	988	2170	$\frac{1}{31}$	$\frac{30}{217}$	$\frac{1}{5}$	$\frac{187}{434}$	$\Phi_{2170}\ \Phi_{310}\ \Phi_{155}\ \Phi_{70}\ \Phi_{10}$
51640	988	735	$\frac{4}{245}$	$\frac{1}{7}$	$\frac{241}{735}$	$\frac{3}{7}$	$\Phi_{735}^2\ \Phi_{147}^2\ \Phi_{105}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
51641	988	252	$\frac{5}{252}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_7\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^2$
51642	988	294	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{47}{294}$	$\frac{3}{7}$	$\Phi_{294}^4\ \Phi_{147}^4\ \Phi_{98}^4\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_7\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^2$
51643	988	280	$\frac{2}{35}$	$\frac{33}{280}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_7\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
51644	988	525	$\frac{31}{525}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
51645	988	42	$\frac{1}{14}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{42}^{28}\ \Phi_{21}^{24}\ \Phi_{14}^{20}\ \Phi_7^{17}\ \Phi_6^{28}\ \Phi_3^{24}\ \Phi_2^{20}\ \Phi_1^{18}$
51646	988	539	$\frac{4}{49}$	$\frac{45}{539}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{539}^2\ \Phi_{77}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_1^2$
51647	988	462	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{22}^3\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_2^2$
51648	988	420	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{37}{210}$	$\frac{173}{420}$	$\Phi_{420}^4\ \Phi_{140}^4\ \Phi_{84}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_7^3\ \Phi_6^4\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
51649	988	1696	$\frac{1}{53}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1696}\ \Phi_{212}\ \Phi_{106}$
51650	988	825	$\frac{2}{165}$	$\frac{163}{825}$	$\frac{1}{3}$	$\frac{331}{825}$	$\Phi_{825}\ \Phi_{275}\ \Phi_{165}^2\ \Phi_{75}\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
51651	988	750	$\frac{3}{250}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{750}^2\ \Phi_{375}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
51652	988	21	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{5}{21}$	$\frac{8}{21}$	$\Phi_{21}^{47}\ \Phi_7^{47}\ \Phi_3^{47}\ \Phi_1^{48}$
51653	988	396	$\frac{1}{99}$	$\frac{49}{198}$	$\frac{1}{3}$	$\frac{149}{396}$	$\Phi_{396}^4\ \Phi_{132}^4\ \Phi_{99}^2\ \Phi_{44}^4\ \Phi_{36}^4\ \Phi_{33}^2\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_9^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
51654	988	1272	$\frac{1}{53}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1272}\ \Phi_{636}\ \Phi_{318}\ \Phi_{212}\ \Phi_{159}\ \Phi_{106}$
51655	988	1590	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1590}\ \Phi_{530}\ \Phi_{318}\ \Phi_{265}\ \Phi_{106}$
51656	988	378	$\frac{1}{21}$	$\frac{5}{63}$	$\frac{58}{189}$	$\frac{131}{378}$	$\Phi_{378}^4\ \Phi_{126}^4\ \Phi_{63}^4\ \Phi_{54}^4\ \Phi_{42}^4\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^4\ \Phi_7^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
51657	988	1860	$\frac{1}{62}$	$\frac{1}{5}$	$\frac{61}{186}$	$\frac{125}{372}$	$\Phi_{1860}\ \Phi_{620}\ \Phi_{310}\ \Phi_{155}\ \Phi_{60}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
51658	988	249	$\frac{2}{249}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{249}^4\ \Phi_{83}^4\ \Phi_3\ \Phi_1^2$
51659	988	369	$\frac{1}{123}$	$\frac{122}{369}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{369}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
51660	988	984	$\frac{1}{82}$	$\frac{81}{328}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{328}^2\ \Phi_{164}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
51661	988	615	$\frac{2}{123}$	$\frac{121}{615}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{615}^2\ \Phi_{205}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
51662	988	252	$\frac{5}{252}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
51663	988	861	$\frac{1}{41}$	$\frac{40}{287}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{861}\ \Phi_{287}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
51664	988	195	$\frac{1}{39}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^6\ \Phi_{65}^6\ \Phi_{39}^2\ \Phi_{15}^4\ \Phi_{13}^2\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
51665	988	189	$\frac{1}{27}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{189}^6\ \Phi_{63}^6\ \Phi_{27}^2\ \Phi_{21}^4\ \Phi_9^2\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
51666	988	123	$\frac{2}{41}$	$\frac{3}{41}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{123}^6\ \Phi_{41}^{12}\ \Phi_3^7\ \Phi_1^{14}$
51667	988	420	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^4\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^4\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}^4\ \Phi_{30}\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
51668	988	735	$\frac{4}{245}$	$\frac{1}{5}$	$\frac{241}{735}$	$\frac{1}{3}$	$\Phi_{735}\ \Phi_{245}^2\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
51669	988	297	$\frac{2}{99}$	$\frac{50}{297}$	$\frac{97}{297}$	$\frac{1}{3}$	$\Phi_{297}^3\ \Phi_{99}^4\ \Phi_{33}^4\ \Phi_{27}^3\ \Phi_{11}^4\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
51670	988	729	$\frac{8}{243}$	$\frac{1}{9}$	$\frac{235}{729}$	$\frac{1}{3}$	$\Phi_{729}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
51671	988	363	$\frac{5}{121}$	$\frac{1}{11}$	$\frac{116}{363}$	$\frac{1}{3}$	$\Phi_{363}^2\ \Phi_{121}^4\ \Phi_{33}^3\ \Phi_{11}^4\ \Phi_3^2\ \Phi_1^4$
51672	988	270	$\frac{2}{45}$	$\frac{23}{270}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{270}^4\ \Phi_{135}^3\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{27}^3\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
51673	988	360	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{113}{360}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
51674	988	165	$\frac{3}{55}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{1}{3}$	$\Phi_{165}^9\ \Phi_{33}^9\ \Phi_{15}^9\ \Phi_3^8$
51675	988	27	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{27}^{36}\ \Phi_9^{38}\ \Phi_3^{37}\ \Phi_1^{38}$
51676	988	693	$\frac{1}{33}$	$\frac{32}{231}$	$\frac{199}{693}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{99}^2\ \Phi_{63}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
51677	988	234	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{234}^6\ \Phi_{117}^6\ \Phi_{39}^2\ \Phi_{18}^4\ \Phi_{13}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
51678	988	675	$\frac{1}{45}$	$\frac{44}{225}$	$\frac{181}{675}$	$\frac{1}{3}$	$\Phi_{675}^2\ \Phi_{135}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
51679	988	330	$\frac{1}{55}$	$\frac{27}{110}$	$\frac{83}{330}$	$\frac{1}{3}$	$\Phi_{330}^2\ \Phi_{165}^3\ \Phi_{110}^4\ \Phi_{66}^2\ \Phi_{55}^4\ \Phi_{33}^3\ \Phi_{30}^2\ \Phi_{22}^4\ \Phi_{15}^3\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
51680	988	624	$\frac{1}{39}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{48}\ \Phi_{39}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
51681	988	75	$\frac{1}{25}$	$\frac{2}{15}$	$\frac{6}{25}$	$\frac{1}{3}$	$\Phi_{75}^{12}\ \Phi_{25}^{15}\ \Phi_{15}^{13}\ \Phi_5^{16}\ \Phi_3^{12}\ \Phi_1^{16}$
51682	988	324	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{77}{324}$	$\frac{1}{3}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{108}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
51683	988	357	$\frac{1}{17}$	$\frac{2}{21}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{357}^3\ \Phi_{119}^3\ \Phi_{21}^4\ \Phi_{17}^3\ \Phi_7^4\ \Phi_1^4$
51684	988	270	$\frac{1}{15}$	$\frac{23}{270}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
51685	988	264	$\frac{17}{264}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{264}^4\ \Phi_{132}^4\ \Phi_{88}^4\ \Phi_{66}^2\ \Phi_{44}^4\ \Phi_{33}^3\ \Phi_{24}^4\ \Phi_{22}^4\ \Phi_{12}^4\ \Phi_{11}^4\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
51686	988	135	$\frac{1}{27}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{135}^9\ \Phi_{45}^8\ \Phi_{27}^2\ \Phi_{15}^8\ \Phi_9^2\ \Phi_5^8\ \Phi_3\ \Phi_1^2$
51687	988	315	$\frac{2}{45}$	$\frac{43}{315}$	$\frac{68}{315}$	$\frac{1}{3}$	$\Phi_{315}^3\ \Phi_{105}^3\ \Phi_{63}^3\ \Phi_{45}^4\ \Phi_{35}^3\ \Phi_{21}^3\ \Phi_{15}^4\ \Phi_9^4\ \Phi_7^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
51688	988	216	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{216}^6\ \Phi_{108}^6\ \Phi_{72}^6\ \Phi_{36}^6\ \Phi_{27}^2\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
51689	988	60	$\frac{1}{20}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{60}^{16}\ \Phi_{30}^{16}\ \Phi_{20}^{20}\ \Phi_{15}^{13}\ \Phi_{12}^{16}\ \Phi_{10}^{20}\ \Phi_6^{16}\ \Phi_5^{16}\ \Phi_4^{20}\ \Phi_3^{12}\ \Phi_2^{20}\ \Phi_1^{16}$
51690	988	840	$\frac{2}{35}$	$\frac{33}{280}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
51691	988	525	$\frac{31}{525}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
51692	988	210	$\frac{1}{14}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^6\ \Phi_{105}^5\ \Phi_{70}^7\ \Phi_{35}^6\ \Phi_{30}^6\ \Phi_{15}^6\ \Phi_{10}^7\ \Phi_5^6$
51693	988	1815	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{111}{605}$	$\frac{1}{3}$	$\Phi_{1815}\ \Phi_{165}\ \Phi_{33}\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
51694	988	300	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{53}{300}$	$\frac{1}{3}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
51695	988	525	$\frac{31}{525}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}^2\ \Phi_{75}\ \Phi_{35}^2\ \Phi_{25}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
51696	988	45	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{7}{45}$	$\frac{1}{3}$	$\Phi_{45}^{26}\ \Phi_{15}^{14}\ \Phi_9^{26}\ \Phi_5^{14}\ \Phi_3^{13}\ \Phi_1^{14}$
51697	988	270	$\frac{23}{270}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_5^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
51698	988	567	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{567}$	$\frac{1}{3}$	$\Phi_{567}^2\ \Phi_{189}^2\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
51699	988	47	$\frac{2}{47}$	$\frac{8}{47}$	$\frac{9}{47}$	$\frac{15}{47}$	$\Phi_{47}^{21}\ \Phi_1^{22}$
51700	988	567	$\frac{1}{21}$	$\frac{73}{567}$	$\frac{43}{189}$	$\frac{20}{63}$	$\Phi_{567}^2\ \Phi_{189}\ \Phi_{81}^2\ \Phi_{63}^2\ \Phi_{27}\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
51701	988	315	$\frac{1}{21}$	$\frac{43}{315}$	$\frac{68}{315}$	$\frac{20}{63}$	$\Phi_{315}^3\ \Phi_{105}^3\ \Phi_{63}^4\ \Phi_{45}^3\ \Phi_{35}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_9^4\ \Phi_7^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
51702	988	360	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{113}{360}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{45}^4\ \Phi_{40}\ \Phi_{36}^4\ \Phi_{20}\ \Phi_{18}^4\ \Phi_{10}\ \Phi_9^4$
51703	988	1386	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{198}\ \Phi_{154}\ \Phi_{126}\ \Phi_{77}\ \Phi_{63}\ \Phi_{22}\ \Phi_{18}$
51704	988	459	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{4}{17}$	$\frac{8}{27}$	$\Phi_{459}^3\ \Phi_{27}^4\ \Phi_{17}^3\ \Phi_1^4$
51705	988	1890	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{270}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
51706	988	147	$\frac{2}{21}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{147}$	$\Phi_{147}^6\ \Phi_{49}^7\ \Phi_{21}^9\ \Phi_7^9\ \Phi_3^9\ \Phi_1^{10}$
51707	988	1320	$\frac{17}{264}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
51708	988	450	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{6}{25}$	$\frac{5}{18}$	$\Phi_{450}^3\ \Phi_{225}^3\ \Phi_{90}^3\ \Phi_{45}^3\ \Phi_{25}^3\ \Phi_{18}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_1^4$
51709	988	180	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{180}^8\ \Phi_{90}^7\ \Phi_{45}^7\ \Phi_{36}^8\ \Phi_{20}^4\ \Phi_{18}^8\ \Phi_{10}^4\ \Phi_9^8\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
51710	988	90	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{90}^9\ \Phi_{45}^{11}\ \Phi_{30}^{12}\ \Phi_{18}^{10}\ \Phi_{15}^{13}\ \Phi_{10}^{12}\ \Phi_9^{12}\ \Phi_6^{12}\ \Phi_5^{13}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
51711	988	210	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{210}^7\ \Phi_{105}^6\ \Phi_{42}^7\ \Phi_{30}^7\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_6^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
51712	988	400	$\frac{1}{25}$	$\frac{3}{16}$	$\frac{6}{25}$	$\frac{1}{4}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{25}^3\ \Phi_{16}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_1^4$
51713	988	80	$\frac{1}{20}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{80}^{15}\ \Phi_{40}^{15}\ \Phi_{20}^4\ \Phi_{16}^{16}\ \Phi_{10}^4\ \Phi_8^{16}\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
51714	988	720	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}\ \Phi_{144}^2\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}^2\ \Phi_{48}\ \Phi_{45}^2\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
51715	988	408	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{4}{17}$	$\Phi_{408}^3\ \Phi_{204}^3\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{24}^4\ \Phi_{17}^3\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_1^4$
51716	988	320	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{73}{320}$	$\Phi_{320}^4\ \Phi_{160}^4\ \Phi_{64}^4\ \Phi_{40}\ \Phi_{32}^4\ \Phi_{20}\ \Phi_{10}$
51717	988	840	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
51718	988	280	$\frac{33}{280}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{5}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^4\ \Phi_{40}\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{20}\ \Phi_{14}^4\ \Phi_{10}\ \Phi_7^4$
51719	988	1440	$\frac{1}{8}$	$\frac{41}{288}$	$\frac{7}{48}$	$\frac{1}{5}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{180}\ \Phi_{160}\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
51720	989	1968	$\frac{5}{984}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{979}{1968}$	$\Phi_{1968}\ \Phi_{656}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
51721	989	1824	$\frac{1}{76}$	$\frac{77}{912}$	$\frac{835}{1824}$	$\frac{75}{152}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{152}\ \Phi_{96}\ \Phi_{32}\ \Phi_8\ \Phi_1$
51722	989	1368	$\frac{1}{76}$	$\frac{77}{456}$	$\frac{379}{1368}$	$\frac{75}{152}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{152}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
51723	989	1216	$\frac{1}{76}$	$\frac{227}{1216}$	$\frac{77}{304}$	$\frac{75}{152}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{152}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_1$
51724	989	1952	$\frac{13}{976}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{963}{1952}$	$\Phi_{1952}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
51725	989	1872	$\frac{1}{52}$	$\frac{53}{936}$	$\frac{883}{1872}$	$\frac{51}{104}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{144}\ \Phi_{104}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
51726	989	1248	$\frac{1}{52}$	$\frac{53}{312}$	$\frac{259}{1248}$	$\frac{51}{104}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
51727	989	924	$\frac{1}{42}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{41}{84}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{84}\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{28}\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
51728	989	924	$\frac{1}{42}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{41}{84}$	$\Phi_{924}^2\ \Phi_{308}^2\ \Phi_{132}^2\ \Phi_{84}^3\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{28}^3\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
51729	989	1920	$\frac{29}{960}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{931}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
51730	989	1980	$\frac{2}{45}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{60}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
51731	989	2772	$\frac{1}{22}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{21}{44}$	$\Phi_{2772}\ \Phi_{396}\ \Phi_{252}\ \Phi_{63}\ \Phi_{44}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
51732	989	616	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{21}{44}$	$\Phi_{616}^2\ \Phi_{154}^2\ \Phi_{88}^2\ \Phi_{77}^2\ \Phi_{56}^3\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
51733	989	528	$\frac{1}{22}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{21}{44}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{48}^3\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_{11}^2\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
51734	989	2156	$\frac{1}{22}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{21}{44}$	$\Phi_{2156}\ \Phi_{196}\ \Phi_{49}\ \Phi_{44}\ \Phi_4\ \Phi_1$
51735	989	1872	$\frac{1}{26}$	$\frac{53}{936}$	$\frac{25}{78}$	$\frac{883}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{144}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{16}\ \Phi_6\ \Phi_3\ \Phi_1$
51736	989	1352	$\frac{1}{26}$	$\frac{25}{338}$	$\frac{363}{1352}$	$\frac{313}{676}$	$\Phi_{1352}\ \Phi_{338}\ \Phi_{169}\ \Phi_{104}\ \Phi_8\ \Phi_1$
51737	989	240	$\frac{1}{24}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{240}^8\ \Phi_{80}^7\ \Phi_{48}^8\ \Phi_{24}^3\ \Phi_{16}^7\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
51738	989	1144	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{155}{1144}$	$\frac{131}{286}$	$\Phi_{1144}\ \Phi_{572}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}\ \Phi_{52}\ \Phi_{44}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
51739	989	1824	$\frac{1}{38}$	$\frac{77}{912}$	$\frac{37}{114}$	$\frac{835}{1824}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{114}\ \Phi_{96}\ \Phi_{57}\ \Phi_{32}\ \Phi_6\ \Phi_3\ \Phi_1$
51740	989	1820	$\frac{1}{13}$	$\frac{79}{910}$	$\frac{12}{91}$	$\frac{831}{1820}$	$\Phi_{1820}\ \Phi_{364}\ \Phi_{260}\ \Phi_{140}\ \Phi_{91}\ \Phi_{52}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_4\ \Phi_1$
51741	989	1024	$\frac{35}{1024}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
51742	989	924	$\frac{1}{44}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}^2\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{28}\ \Phi_{22}\ \Phi_{21}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
51743	989	78	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{3}{26}$	$\frac{35}{78}$	$\Phi_{78}^{10}\ \Phi_{39}^{13}\ \Phi_{26}^{14}\ \Phi_{13}^{16}\ \Phi_6^{10}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{17}$
51744	989	1368	$\frac{1}{38}$	$\frac{37}{342}$	$\frac{379}{1368}$	$\frac{305}{684}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{342}\ \Phi_{171}\ \Phi_{152}\ \Phi_{114}\ \Phi_{72}\ \Phi_{57}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
51745	989	352	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{352}^4\ \Phi_{88}^4\ \Phi_{44}^3\ \Phi_{32}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
51746	989	76	$\frac{3}{38}$	$\frac{7}{76}$	$\frac{5}{38}$	$\frac{33}{76}$	$\Phi_{76}^{12}\ \Phi_{38}^{14}\ \Phi_{19}^{14}\ \Phi_4^{12}\ \Phi_2^{14}\ \Phi_1^{15}$
51747	989	1092	$\frac{1}{13}$	$\frac{103}{1092}$	$\frac{12}{91}$	$\frac{79}{182}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
51748	989	1736	$\frac{3}{124}$	$\frac{121}{868}$	$\frac{1}{4}$	$\frac{747}{1736}$	$\Phi_{1736}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{56}\ \Phi_{31}\ \Phi_8\ \Phi_1$
51749	989	440	$\frac{1}{44}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{440}^4\ \Phi_{88}^4\ \Phi_{44}^3\ \Phi_{40}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
51750	989	1716	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{131}{858}$	$\frac{727}{1716}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{156}\ \Phi_{143}\ \Phi_{132}\ \Phi_{52}\ \Phi_{44}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
51751	989	1664	$\frac{1}{52}$	$\frac{157}{832}$	$\frac{51}{208}$	$\frac{675}{1664}$	$\Phi_{1664}\ \Phi_{208}\ \Phi_{128}\ \Phi_{104}\ \Phi_{16}\ \Phi_8\ \Phi_1$
51752	989	1248	$\frac{1}{52}$	$\frac{259}{1248}$	$\frac{51}{208}$	$\frac{157}{416}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
51753	989	1312	$\frac{5}{328}$	$\frac{323}{1312}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1312}\ \Phi_{656}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
51754	989	1008	$\frac{19}{1008}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
51755	989	48	$\frac{1}{24}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{48}^{23}\ \Phi_{24}^{18}\ \Phi_{16}^{23}\ \Phi_{12}^{18}\ \Phi_8^{19}\ \Phi_6^{18}\ \Phi_4^{18}\ \Phi_3^{18}\ \Phi_2^{18}\ \Phi_1^{19}$
51756	989	1560	$\frac{1}{52}$	$\frac{51}{260}$	$\frac{209}{780}$	$\frac{571}{1560}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{260}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
51757	989	396	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^4\ \Phi_{99}^2\ \Phi_{66}^4\ \Phi_{44}^3\ \Phi_{36}\ \Phi_{33}^4\ \Phi_{22}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_9^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
51758	989	264	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{264}^4\ \Phi_{132}^4\ \Phi_{88}^4\ \Phi_{66}^3\ \Phi_{44}^4\ \Phi_{33}^4\ \Phi_{24}^3\ \Phi_{22}^3\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_8^3\ \Phi_6^2\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
51759	989	1092	$\frac{1}{26}$	$\frac{103}{1092}$	$\frac{25}{78}$	$\frac{53}{156}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{91}\ \Phi_{84}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
51760	989	1140	$\frac{1}{38}$	$\frac{151}{1140}$	$\frac{37}{114}$	$\frac{77}{228}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{60}\ \Phi_{57}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
51761	989	1488	$\frac{3}{248}$	$\frac{1}{4}$	$\frac{245}{744}$	$\frac{499}{1488}$	$\Phi_{1488}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{48}\ \Phi_{31}\ \Phi_{16}\ \Phi_8\ \Phi_1$
51762	989	495	$\frac{2}{45}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{55}^2\ \Phi_{45}^3\ \Phi_{33}\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_3\ \Phi_1$
51763	989	1368	$\frac{1}{38}$	$\frac{77}{456}$	$\frac{379}{1368}$	$\frac{37}{114}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{72}\ \Phi_{57}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
51764	989	1404	$\frac{1}{26}$	$\frac{53}{468}$	$\frac{415}{1404}$	$\frac{25}{78}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{108}\ \Phi_{78}\ \Phi_{54}\ \Phi_{39}\ \Phi_{27}\ \Phi_6\ \Phi_3\ \Phi_1$
51765	989	1170	$\frac{1}{26}$	$\frac{181}{1170}$	$\frac{53}{234}$	$\frac{25}{78}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{90}\ \Phi_{78}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
51766	989	1248	$\frac{1}{26}$	$\frac{53}{312}$	$\frac{259}{1248}$	$\frac{25}{78}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{208}\ \Phi_{96}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{32}\ \Phi_{16}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
51767	989	693	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{20}{63}$	$\Phi_{693}^{2}\ \Phi_{99}^{2}\ \Phi_{63}^{3}\ \Phi_{33}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$
51768	989	1440	$\frac{29}{480}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{451}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
51769	989	52	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{9}{52}$	$\frac{4}{13}$	$\Phi_{52}^{23}\ \Phi_{26}^{14}\ \Phi_{13}^{16}\ \Phi_{4}^{23}\ \Phi_{2}^{14}\ \Phi_{1}^{17}$
51770	989	1287	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{298}{1287}$	$\frac{131}{429}$	$\Phi_{1287}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
51771	989	1848	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{56}$	$\frac{10}{33}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{264}\ \Phi_{168}\ \Phi_{132}\ \Phi_{84}\ \Phi_{56}\ \Phi_{33}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
51772	989	528	$\frac{1}{11}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{528}^{2}\ \Phi_{264}^{2}\ \Phi_{176}^{2}\ \Phi_{132}^{2}\ \Phi_{88}^{2}\ \Phi_{48}^{3}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
51773	989	1617	$\frac{1}{11}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{10}{33}$	$\Phi_{1617}\ \Phi_{147}\ \Phi_{49}\ \Phi_{33}\ \Phi_{3}\ \Phi_{1}$
51774	989	1056	$\frac{67}{1056}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
51775	989	120	$\frac{1}{24}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{120}^{8}\ \Phi_{60}^{7}\ \Phi_{40}^{8}\ \Phi_{30}^{7}\ \Phi_{24}^{11}\ \Phi_{20}^{8}\ \Phi_{15}^{7}\ \Phi_{12}^{10}\ \Phi_{10}^{8}\ \Phi_{8}^{11}\ \Phi_{6}^{10}\ \Phi_{5}^{8}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
51776	989	1365	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{79}{455}$	$\frac{376}{1365}$	$\Phi_{1365}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}\ \Phi_{39}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
51777	989	1280	$\frac{29}{320}$	$\frac{3}{32}$	$\frac{291}{1280}$	$\frac{1}{4}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{256}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
51778	989	1120	$\frac{3}{32}$	$\frac{131}{1120}$	$\frac{29}{160}$	$\frac{1}{4}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
51779	989	1152	$\frac{3}{32}$	$\frac{163}{1152}$	$\frac{29}{192}$	$\frac{1}{4}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
51780	990	1576	$\frac{1}{197}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{98}{197}$	$\Phi_{1576}\ \Phi_{197}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
51781	990	1640	$\frac{1}{164}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{163}{328}$	$\Phi_{1640}\ \Phi_{328}^{2}\ \Phi_{40}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
51782	990	984	$\frac{1}{164}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{163}{328}$	$\Phi_{984}^{3}\ \Phi_{24}^{3}\ \Phi_{12}\ \Phi_{6}$
51783	990	1744	$\frac{1}{109}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{54}{109}$	$\Phi_{1744}\ \Phi_{109}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
51784	990	436	$\frac{1}{109}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{54}{109}$	$\Phi_{436}^{2}\ \Phi_{218}^{2}\ \Phi_{109}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
51785	990	1764	$\frac{1}{98}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{97}{196}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{252}\ \Phi_{196}^{2}\ \Phi_{84}\ \Phi_{36}\ \Phi_{28}^{2}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
51786	990	588	$\frac{1}{98}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{97}{196}$	$\Phi_{588}^{3}\ \Phi_{196}^{4}\ \Phi_{84}^{3}\ \Phi_{28}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
51787	990	1780	$\frac{1}{89}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{44}{89}$	$\Phi_{1780}\ \Phi_{356}\ \Phi_{89}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
51788	990	1335	$\frac{1}{89}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{44}{89}$	$\Phi_{1335}\ \Phi_{267}\ \Phi_{89}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
51789	990	989	$\frac{13}{989}$	$\frac{167}{989}$	$\frac{274}{989}$	$\frac{488}{989}$	$\Phi_{989}\ \Phi_{43}\ \Phi_{23}\ \Phi_{1}^{2}$
51790	990	2928	$\frac{7}{488}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{481}{976}$	$\Phi_{2928}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
51791	990	1324	$\frac{5}{331}$	$\frac{56}{331}$	$\frac{1}{4}$	$\frac{163}{331}$	$\Phi_{1324}\ \Phi_{662}$
51792	990	1820	$\frac{1}{65}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{32}{65}$	$\Phi_{1820}\ \Phi_{364}\ \Phi_{260}\ \Phi_{140}\ \Phi_{65}\ \Phi_{52}\ \Phi_{28}^{2}\ \Phi_{20}\ \Phi_{13}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
51793	990	455	$\frac{1}{65}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{32}{65}$	$\Phi_{455}^{2}\ \Phi_{91}^{2}\ \Phi_{65}^{3}\ \Phi_{35}^{2}\ \Phi_{13}^{3}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{6}$
51794	990	780	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{32}{65}$	$\Phi_{780}^{2}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}^{2}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}^{2}\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
51795	990	1836	$\frac{1}{54}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{53}{108}$	$\Phi_{1836}\ \Phi_{612}\ \Phi_{204}\ \Phi_{108}^{2}\ \Phi_{68}\ \Phi_{36}^{2}\ \Phi_{17}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
51796	990	540	$\frac{1}{54}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{53}{108}$	$\Phi_{540}^{4}\ \Phi_{180}^{4}\ \Phi_{108}^{2}\ \Phi_{60}^{4}\ \Phi_{36}^{2}\ \Phi_{30}\ \Phi_{20}^{4}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}^{2}$
51797	990	1836	$\frac{1}{54}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{53}{108}$	$\Phi_{1836}\ \Phi_{612}\ \Phi_{204}\ \Phi_{108}^{2}\ \Phi_{68}\ \Phi_{36}^{2}\ \Phi_{17}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
51798	990	756	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{53}{108}$	$\Phi_{756}\ \Phi_{378}^{2}\ \Phi_{252}\ \Phi_{189}^{2}\ \Phi_{126}^{2}\ \Phi_{84}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
51799	990	989	$\frac{21}{989}$	$\frac{101}{989}$	$\frac{296}{989}$	$\frac{484}{989}$	$\Phi_{989}\ \Phi_{43}\ \Phi_{23}\ \Phi_{1}^{2}$
51800	990	1848	$\frac{1}{44}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{43}{88}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{168}\ \Phi_{88}^{2}\ \Phi_{56}\ \Phi_{24}\ \Phi_{21}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
51801	990	264	$\frac{1}{44}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{264}^{7}\ \Phi_{88}^{8}\ \Phi_{24}^{7}\ \Phi_{12}^{2}\ \Phi_{8}^{8}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
51802	990	616	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{43}{88}$	$\Phi_{616}^{3}\ \Phi_{88}^{4}\ \Phi_{56}^{3}\ \Phi_{14}^{2}\ \Phi_{8}^{4}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
51803	990	86	$\frac{1}{43}$	$\frac{2}{43}$	$\frac{41}{86}$	$\frac{21}{43}$	$\Phi_{86}^{22}\ \Phi_{43}\ \Phi_{2}^{22}\ \Phi_{1}^{2}$
51804	990	322	$\frac{4}{161}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{157}{322}$	$\Phi_{322}^{6}\ \Phi_{46}^{6}\ \Phi_{23}\ \Phi_{14}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
51805	990	322	$\frac{4}{161}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{157}{322}$	$\Phi_{322}^{6}\ \Phi_{46}^{6}\ \Phi_{23}\ \Phi_{14}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
51806	990	1194	$\frac{5}{199}$	$\frac{1}{6}$	$\frac{34}{199}$	$\frac{97}{199}$	$\Phi_{1194}\ \Phi_{597}\ \Phi_{398}$
51807	990	989	$\frac{25}{989}$	$\frac{164}{989}$	$\frac{169}{989}$	$\frac{482}{989}$	$\Phi_{989}\ \Phi_{43}\ \Phi_{23}\ \Phi_{1}^{2}$
51808	990	370	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{19}{74}$	$\frac{18}{37}$	$\Phi_{370}^{3}\ \Phi_{185}^{3}\ \Phi_{74}\ \Phi_{37}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
51809	990	1324	$\frac{9}{331}$	$\frac{34}{331}$	$\frac{1}{4}$	$\frac{161}{331}$	$\Phi_{1324}\ \Phi_{662}$
51810	990	1856	$\frac{1}{32}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{31}{64}$	$\Phi_{1856}\ \Phi_{64}^{2}\ \Phi_{29}\ \Phi_{1}^{2}$
51811	990	192	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{192}^{15}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
51812	990	1856	$\frac{1}{32}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{31}{64}$	$\Phi_{1856}\ \Phi_{64}^{2}\ \Phi_{29}\ \Phi_{1}^{2}$
51813	990	704	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{704}^{3}\ \Phi_{44}\ \Phi_{22}$
51814	990	1856	$\frac{1}{32}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{31}{64}$	$\Phi_{1856}\ \Phi_{64}^{2}\ \Phi_{29}\ \Phi_{1}^{2}$
51815	990	1344	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{31}{64}$	$\Phi_{1344}^{2}\ \Phi_{448}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
51816	990	464	$\frac{1}{29}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{14}{29}$	$\Phi_{464}^{2}\ \Phi_{232}^{2}\ \Phi_{116}^{2}\ \Phi_{58}^{2}\ \Phi_{29}^{3}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
51817	990	348	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{348}^{3}\ \Phi_{174}^{3}\ \Phi_{116}^{2}\ \Phi_{87}^{3}\ \Phi_{58}^{2}\ \Phi_{29}^{3}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
51818	990	1160	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{14}{29}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{145}\ \Phi_{40}^{2}\ \Phi_{29}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
51819	990	2090	$\frac{4}{95}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{91}{190}$	$\Phi_{2090}\ \Phi_{418}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
51820	990	644	$\frac{1}{23}$	$\frac{12}{161}$	$\frac{149}{644}$	$\frac{11}{23}$	$\Phi_{644}^{2}\ \Phi_{322}^{2}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{28}^{2}\ \Phi_{23}\ \Phi_{14}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
51821	990	184	$\frac{1}{23}$	$\frac{19}{184}$	$\frac{4}{23}$	$\frac{11}{23}$	$\Phi_{184}^{6}\ \Phi_{92}^{6}\ \Phi_{46}^{6}\ \Phi_{23}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
51822	990	989	$\frac{45}{989}$	$\frac{47}{989}$	$\frac{314}{989}$	$\frac{472}{989}$	$\Phi_{989}\ \Phi_{43}\ \Phi_{23}\ \Phi_{1}^{2}$
51823	990	462	$\frac{1}{22}$	$\frac{1}{21}$	$\frac{7}{22}$	$\frac{10}{21}$	$\Phi_{462}^{2}\ \Phi_{231}^{2}\ \Phi_{154}^{2}\ \Phi_{77}^{2}\ \Phi_{66}^{2}\ \Phi_{42}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{4}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{11}^{4}\ \Phi_{7}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
51824	990	336	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{336}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{3}\ \Phi_{84}^{2}\ \Phi_{56}^{3}\ \Phi_{48}^{3}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{16}^{6}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{6}\ \Phi_{7}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
51825	990	231	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{10}{21}$	$\Phi_{231}^{4}\ \Phi_{77}^{4}\ \Phi_{33}^{4}\ \Phi_{21}^{5}\ \Phi_{11}^{8}\ \Phi_{7}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{10}$
51826	990	210	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{10}{21}$	$\Phi_{210}^{5}\ \Phi_{105}^{5}\ \Phi_{70}^{5}\ \Phi_{42}^{2}\ \Phi_{35}^{5}\ \Phi_{30}^{7}\ \Phi_{21}^{3}\ \Phi_{15}^{7}\ \Phi_{14}^{2}\ \Phi_{10}^{6}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
51827	990	440	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{7}{40}$	$\frac{19}{40}$	$\Phi_{440}^{2}\ \Phi_{220}^{3}\ \Phi_{110}^{3}\ \Phi_{88}^{2}\ \Phi_{55}^{3}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{11}^{2}$
51828	990	1092	$\frac{5}{91}$	$\frac{1}{12}$	$\frac{16}{91}$	$\frac{43}{91}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}\ \Phi_{26}\ \Phi_{21}\ \Phi_{14}$
51829	990	1976	$\frac{1}{19}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{1976}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
51830	990	969	$\frac{2}{57}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{969}\ \Phi_{323}\ \Phi_{57}^{2}\ \Phi_{19}^{2}\ \Phi_{17}\ \Phi_{1}^{2}$
51831	990	1377	$\frac{1}{27}$	$\frac{1}{17}$	$\frac{26}{81}$	$\frac{8}{17}$	$\Phi_{1377}\ \Phi_{81}^{2}\ \Phi_{17}\ \Phi_{1}^{2}$
51832	990	1224	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{17}{72}$	$\frac{8}{17}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{72}^{2}\ \Phi_{68}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{17}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
51833	990	459	$\frac{1}{17}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{8}{17}$	$\Phi_{459}^{2}\ \Phi_{153}^{2}\ \Phi_{51}^{2}\ \Phi_{27}^{4}\ \Phi_{17}^{3}\ \Phi_{9}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
51834	990	204	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{204}^{5}\ \Phi_{102}^{4}\ \Phi_{68}^{5}\ \Phi_{51}^{4}\ \Phi_{34}^{4}\ \Phi_{17}^{5}\ \Phi_{12}^{10}\ \Phi_{6}^{8}\ \Phi_{4}^{10}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
51835	990	1071	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{8}{17}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{119}\ \Phi_{63}^{2}\ \Phi_{21}^{2}\ \Phi_{17}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
51836	990	989	$\frac{35}{989}$	$\frac{61}{989}$	$\frac{318}{989}$	$\frac{464}{989}$	$\Phi_{989}\ \Phi_{43}\ \Phi_{23}\ \Phi_{1}^{2}$
51837	990	989	$\frac{61}{989}$	$\frac{74}{989}$	$\frac{175}{989}$	$\frac{464}{989}$	$\Phi_{989}\ \Phi_{43}\ \Phi_{23}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
51838	990	1536	$\frac{17}{512}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
51839	990	1324	$\frac{16}{331}$	$\frac{21}{331}$	$\frac{1}{4}$	$\frac{155}{331}$	$\Phi_{1324}\ \Phi_{662}$
51840	990	186	$\frac{1}{31}$	$\frac{2}{31}$	$\frac{1}{3}$	$\frac{29}{62}$	$\Phi_{186}^{15}\ \Phi_{93}\ \Phi_{6}^{15}$
51841	990	1428	$\frac{1}{34}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{1428}^{2}\ \Phi_{204}^{2}\ \Phi_{102}\ \Phi_{84}\ \Phi_{51}\ \Phi_{12}\ \Phi_{6}$
51842	990	1820	$\frac{2}{65}$	$\frac{1}{14}$	$\frac{21}{65}$	$\frac{13}{28}$	$\Phi_{1820}\ \Phi_{364}\ \Phi_{260}\ \Phi_{140}\ \Phi_{65}\ \Phi_{52}\ \Phi_{28}^{2}\ \Phi_{20}\ \Phi_{13}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
51843	990	644	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{644}\ \Phi_{322}^{2}\ \Phi_{161}^{2}\ \Phi_{92}^{2}\ \Phi_{46}^{3}\ \Phi_{23}^{2}$
51844	990	140	$\frac{2}{35}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{140}^{13}\ \Phi_{35}^{2}\ \Phi_{28}^{14}\ \Phi_{20}^{13}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{4}^{14}\ \Phi_{1}^{2}$
51845	990	364	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{13}{28}$	$\Phi_{364}^{5}\ \Phi_{52}^{5}\ \Phi_{28}^{6}\ \Phi_{13}^{5}\ \Phi_{4}^{6}\ \Phi_{1}^{6}$
51846	990	84	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{84}^{13}\ \Phi_{42}^{13}\ \Phi_{28}^{7}\ \Phi_{21}^{13}\ \Phi_{14}^{13}\ \Phi_{12}^{12}\ \Phi_{7}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{6}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
51847	990	989	$\frac{59}{989}$	$\frac{73}{989}$	$\frac{186}{989}$	$\frac{458}{989}$	$\Phi_{989}\ \Phi_{43}\ \Phi_{23}\ \Phi_{1}^{2}$
51848	990	1072	$\frac{1}{16}$	$\frac{5}{67}$	$\frac{12}{67}$	$\frac{31}{67}$	$\Phi_{1072}\ \Phi_{536}\ \Phi_{268}\ \Phi_{134}$
51849	990	184	$\frac{1}{23}$	$\frac{7}{92}$	$\frac{11}{46}$	$\frac{85}{184}$	$\Phi_{184}^{10}\ \Phi_{46}^{2}\ \Phi_{23}\ \Phi_{8}^{10}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
51850	990	184	$\frac{7}{92}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{85}{184}$	$\Phi_{184}^{10}\ \Phi_{23}^{3}\ \Phi_{8}^{10}\ \Phi_{1}^{4}$
51851	990	156	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{7}{52}$	$\frac{6}{13}$	$\Phi_{156}^{7}\ \Phi_{78}^{7}\ \Phi_{52}^{5}\ \Phi_{39}^{7}\ \Phi_{26}^{5}\ \Phi_{13}^{6}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
51852	990	370	$\frac{3}{37}$	$\frac{1}{10}$	$\frac{4}{37}$	$\frac{17}{37}$	$\Phi_{370}^{3}\ \Phi_{185}^{3}\ \Phi_{74}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}$
51853	990	989	$\frac{81}{989}$	$\frac{98}{989}$	$\frac{107}{989}$	$\frac{454}{989}$	$\Phi_{989}\ \Phi_{43}\ \Phi_{23}\ \Phi_{1}^{2}$
51854	990	1194	$\frac{12}{199}$	$\frac{17}{199}$	$\frac{1}{6}$	$\frac{91}{199}$	$\Phi_{1194}\ \Phi_{597}\ \Phi_{398}$
51855	990	989	$\frac{54}{989}$	$\frac{85}{989}$	$\frac{179}{989}$	$\frac{452}{989}$	$\Phi_{989}\ \Phi_{43}\ \Phi_{23}\ \Phi_{1}^{2}$
51856	990	1324	$\frac{12}{331}$	$\frac{29}{331}$	$\frac{1}{4}$	$\frac{151}{331}$	$\Phi_{1324}\ \Phi_{662}$
51857	990	989	$\frac{49}{989}$	$\frac{89}{989}$	$\frac{188}{989}$	$\frac{450}{989}$	$\Phi_{989}\ \Phi_{43}\ \Phi_{23}\ \Phi_{1}^{2}$
51858	990	301	$\frac{1}{43}$	$\frac{29}{301}$	$\frac{14}{43}$	$\frac{136}{301}$	$\Phi_{301}^{3}\ \Phi_{43}^{5}\ \Phi_{7}^{3}\ \Phi_{1}^{6}$
51859	990	1092	$\frac{1}{12}$	$\frac{9}{91}$	$\frac{10}{91}$	$\frac{41}{91}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}\ \Phi_{26}\ \Phi_{21}\ \Phi_{14}$
51860	990	1380	$\frac{1}{46}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1380}^{2}\ \Phi_{276}^{2}\ \Phi_{138}\ \Phi_{69}\ \Phi_{60}\ \Phi_{12}\ \Phi_{6}$
51861	990	1780	$\frac{2}{89}$	$\frac{1}{10}$	$\frac{29}{89}$	$\frac{9}{20}$	$\Phi_{1780}\ \Phi_{356}\ \Phi_{89}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
51862	990	620	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{620}\ \Phi_{310}^{2}\ \Phi_{155}^{2}\ \Phi_{124}^{2}\ \Phi_{62}^{3}\ \Phi_{31}^{2}$
51863	990	1780	$\frac{4}{89}$	$\frac{1}{10}$	$\frac{17}{89}$	$\frac{9}{20}$	$\Phi_{1780}\ \Phi_{356}\ \Phi_{89}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
51864	990	1140	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{1140}^{2}\ \Phi_{380}\ \Phi_{228}^{2}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
51865	990	1780	$\frac{5}{89}$	$\frac{1}{10}$	$\frac{14}{89}$	$\frac{9}{20}$	$\Phi_{1780}\ \Phi_{356}\ \Phi_{89}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
51866	990	560	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{140}\ \Phi_{112}^{3}\ \Phi_{70}^{2}\ \Phi_{56}^{3}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
51867	990	1780	$\frac{8}{89}$	$\frac{1}{10}$	$\frac{9}{89}$	$\frac{9}{20}$	$\Phi_{1780}\ \Phi_{356}\ \Phi_{89}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
51868	990	220	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{220}^{9}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}^{9}\ \Phi_{22}$
51869	990	989	$\frac{80}{989}$	$\frac{101}{989}$	$\frac{109}{989}$	$\frac{444}{989}$	$\Phi_{989}\ \Phi_{43}\ \Phi_{23}\ \Phi_{1}^{2}$
51870	990	1194	$\frac{10}{199}$	$\frac{21}{199}$	$\frac{1}{6}$	$\frac{89}{199}$	$\Phi_{1194}\ \Phi_{597}\ \Phi_{398}$
51871	990	441	$\frac{1}{49}$	$\frac{1}{9}$	$\frac{16}{49}$	$\frac{4}{9}$	$\Phi_{441}^{2}\ \Phi_{147}^{2}\ \Phi_{63}^{2}\ \Phi_{49}^{4}\ \Phi_{21}^{2}\ \Phi_{9}^{3}\ \Phi_{7}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
51872	990	612	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{612}^{2}\ \Phi_{306}\ \Phi_{204}^{2}\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}^{4}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
51873	990	315	$\frac{2}{35}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{315}^{3}\ \Phi_{105}^{3}\ \Phi_{63}^{2}\ \Phi_{45}^{3}\ \Phi_{35}^{6}\ \Phi_{21}^{2}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
51874	990	1008	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{112}$	$\frac{4}{9}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}^{2}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}^{2}\ \Phi_{48}\ \Phi_{36}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
51875	990	441	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{441}^{2}\ \Phi_{147}^{2}\ \Phi_{63}^{2}\ \Phi_{49}^{4}\ \Phi_{21}^{2}\ \Phi_{9}^{3}\ \Phi_{7}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
51876	990	180	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{180}^{6}\,\Phi_{90}^{5}\,\Phi_{60}^{8}\,\Phi_{45}^{5}\,\Phi_{36}^{3}\,\Phi_{30}^{7}\,\Phi_{20}^{8}\,\Phi_{18}^{2}\,\Phi_{15}^{7}\,\Phi_{12}^{4}\,\Phi_{10}^{6}\,\Phi_{9}^{3}\,\Phi_{6}^{3}\,\Phi_{5}^{6}\,\Phi_{4}^{4}\,\Phi_{3}^{4}\,\Phi_{2}^{2}\,\Phi_{1}^{4}$
51877	990	172	$\frac{7}{172}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{172}^{6}\,\Phi_{86}^{6}\,\Phi_{43}^{5}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{6}$
51878	990	688	$\frac{1}{43}$	$\frac{21}{172}$	$\frac{193}{688}$	$\frac{151}{344}$	$\Phi_{688}^{2}\,\Phi_{172}^{2}\,\Phi_{86}^{2}\,\Phi_{43}\,\Phi_{16}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
51879	990	1862	$\frac{1}{19}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{1862}\,\Phi_{266}\,\Phi_{133}\,\Phi_{38}$
51880	990	336	$\frac{1}{56}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{336}^{8}\,\Phi_{168}\,\Phi_{84}\,\Phi_{48}^{7}\,\Phi_{42}\,\Phi_{24}\,\Phi_{21}\,\Phi_{12}\,\Phi_{6}$
51881	990	1744	$\frac{4}{109}$	$\frac{1}{8}$	$\frac{21}{109}$	$\frac{7}{16}$	$\Phi_{1744}\,\Phi_{109}\,\Phi_{16}^{2}\,\Phi_{1}^{2}$
51882	990	1104	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{1104}^{2}\,\Phi_{368}\,\Phi_{138}\,\Phi_{69}\,\Phi_{46}$
51883	990	1216	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{1216}\,\Phi_{608}\,\Phi_{152}\,\Phi_{76}\,\Phi_{38}$
51884	990	1744	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1744}\,\Phi_{109}\,\Phi_{16}^{2}\,\Phi_{1}^{2}$
51885	990	528	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{528}^{4}\,\Phi_{176}^{3}\,\Phi_{132}\,\Phi_{66}\,\Phi_{44}\,\Phi_{33}\,\Phi_{22}$
51886	990	989	$\frac{17}{989}$	$\frac{133}{989}$	$\frac{324}{989}$	$\frac{428}{989}$	$\Phi_{989}\,\Phi_{43}\,\Phi_{23}\,\Phi_{1}^{2}$
51887	990	2604	$\frac{1}{62}$	$\frac{61}{434}$	$\frac{1}{3}$	$\frac{373}{868}$	$\Phi_{2604}\,\Phi_{372}\,\Phi_{186}\,\Phi_{93}\,\Phi_{84}\,\Phi_{12}\,\Phi_{6}$
51888	990	588	$\frac{4}{49}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{588}^{2}\,\Phi_{294}^{2}\,\Phi_{196}^{2}\,\Phi_{147}^{2}\,\Phi_{98}^{2}\,\Phi_{84}\,\Phi_{42}\,\Phi_{28}\,\Phi_{21}\,\Phi_{14}$
51889	990	1824	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{1824}\,\Phi_{608}\,\Phi_{152}\,\Phi_{76}\,\Phi_{38}$
51890	990	172	$\frac{1}{43}$	$\frac{13}{86}$	$\frac{21}{86}$	$\frac{73}{172}$	$\Phi_{172}^{10}\,\Phi_{86}^{2}\,\Phi_{43}\,\Phi_{4}^{10}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
51891	990	172	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{13}{86}$	$\frac{73}{172}$	$\Phi_{172}^{10}\,\Phi_{43}^{3}\,\Phi_{4}^{10}\,\Phi_{1}^{4}$
51892	990	156	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{2}{13}$	$\frac{11}{26}$	$\Phi_{156}^{7}\,\Phi_{78}^{7}\,\Phi_{52}^{7}\,\Phi_{39}^{7}\,\Phi_{26}\,\Phi_{13}^{6}\,\Phi_{12}^{6}\,\Phi_{6}^{6}\,\Phi_{4}^{6}\,\Phi_{3}^{6}\,\Phi_{1}^{6}$
51893	990	1054	$\frac{1}{34}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{1054}\,\Phi_{527}\,\Phi_{62}$
51894	990	989	$\frac{53}{989}$	$\frac{104}{989}$	$\frac{177}{989}$	$\frac{406}{989}$	$\Phi_{989}\,\Phi_{43}\,\Phi_{23}\,\Phi_{1}^{2}$
51895	990	989	$\frac{65}{989}$	$\frac{84}{989}$	$\frac{181}{989}$	$\frac{404}{989}$	$\Phi_{989}\,\Phi_{43}\,\Phi_{23}\,\Phi_{1}^{2}$
51896	990	1092	$\frac{6}{91}$	$\frac{1}{12}$	$\frac{17}{91}$	$\frac{37}{91}$	$\Phi_{1092}\,\Phi_{546}\,\Phi_{364}\,\Phi_{273}\,\Phi_{182}\,\Phi_{156}\,\Phi_{84}\,\Phi_{78}\,\Phi_{52}\,\Phi_{42}\,\Phi_{39}\,\Phi_{28}\,\Phi_{26}\,\Phi_{21}\,\Phi_{14}$
51897	990	370	$\frac{2}{37}$	$\frac{1}{10}$	$\frac{7}{37}$	$\frac{15}{37}$	$\Phi_{370}^{3}\,\Phi_{185}^{3}\,\Phi_{74}^{3}\,\Phi_{10}^{2}\,\Phi_{5}^{2}\,\Phi_{2}^{2}$
51898	990	989	$\frac{24}{989}$	$\frac{193}{989}$	$\frac{197}{989}$	$\frac{398}{989}$	$\Phi_{989}\,\Phi_{43}\,\Phi_{23}\,\Phi_{1}^{2}$
51899	990	1324	$\frac{6}{331}$	$\frac{65}{331}$	$\frac{1}{4}$	$\frac{133}{331}$	$\Phi_{1324}\,\Phi_{662}$
51900	990	410	$\frac{1}{82}$	$\frac{1}{5}$	$\frac{27}{82}$	$\frac{2}{5}$	$\Phi_{410}^{2}\,\Phi_{205}^{2}\,\Phi_{82}^{4}\,\Phi_{41}^{4}\,\Phi_{10}^{2}\,\Phi_{5}^{3}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
51901	990	280	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{280}^{3}\,\Phi_{140}^{3}\,\Phi_{70}^{3}\,\Phi_{56}^{6}\,\Phi_{40}^{3}\,\Phi_{35}^{3}\,\Phi_{28}^{6}\,\Phi_{20}^{2}\,\Phi_{14}^{6}\,\Phi_{10}^{2}\,\Phi_{8}^{6}\,\Phi_{7}^{6}\,\Phi_{5}^{3}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
51902	990	205	$\frac{1}{41}$	$\frac{8}{41}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{205}^{4}\,\Phi_{41}^{8}\,\Phi_{5}^{5}\,\Phi_{1}^{10}$
51903	990	510	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{510}^{2}\,\Phi_{255}^{2}\,\Phi_{170}\,\Phi_{102}^{4}\,\Phi_{85}\,\Phi_{51}^{4}\,\Phi_{34}^{2}\,\Phi_{30}\,\Phi_{17}^{2}\,\Phi_{15}\,\Phi_{6}^{2}\,\Phi_{5}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
51904	990	410	$\frac{5}{82}$	$\frac{7}{82}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{410}^{2}\,\Phi_{205}^{2}\,\Phi_{82}^{4}\,\Phi_{41}^{4}\,\Phi_{10}^{2}\,\Phi_{5}^{3}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
51905	990	240	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{240}^{4}\,\Phi_{120}^{4}\,\Phi_{80}^{3}\,\Phi_{60}^{3}\,\Phi_{48}^{8}\,\Phi_{40}^{3}\,\Phi_{30}^{3}\,\Phi_{24}^{8}\,\Phi_{20}^{2}\,\Phi_{16}^{6}\,\Phi_{15}^{3}\,\Phi_{12}^{6}\,\Phi_{10}^{2}\,\Phi_{8}^{6}\,\Phi_{6}^{6}\,\Phi_{5}^{3}\,\Phi_{4}^{4}\,\Phi_{3}^{6}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
51906	990	1638	$\frac{1}{91}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1638}\,\Phi_{546}\,\Phi_{273}\,\Phi_{234}\,\Phi_{182}\,\Phi_{126}\,\Phi_{78}\,\Phi_{42}\,\Phi_{39}\,\Phi_{26}\,\Phi_{21}\,\Phi_{14}$
51907	990	989	$\frac{11}{989}$	$\frac{221}{989}$	$\frac{326}{989}$	$\frac{384}{989}$	$\Phi_{989}\,\Phi_{43}\,\Phi_{23}\,\Phi_{1}^{2}$
51908	990	1760	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{19}{80}$	$\frac{61}{160}$	$\Phi_{1760}\,\Phi_{352}\,\Phi_{220}\,\Phi_{110}\,\Phi_{55}\,\Phi_{44}\,\Phi_{22}$
51909	990	184	$\frac{1}{23}$	$\frac{19}{184}$	$\frac{11}{46}$	$\frac{35}{92}$	$\Phi_{184}^{6}\,\Phi_{92}^{4}\,\Phi_{46}^{6}\,\Phi_{23}^{5}\,\Phi_{8}^{6}\,\Phi_{4}^{4}\,\Phi_{2}^{6}\,\Phi_{1}^{6}$
51910	990	600	$\frac{1}{100}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{600}^{4}\,\Phi_{300}\,\Phi_{150}\,\Phi_{120}^{4}\,\Phi_{75}\,\Phi_{60}\,\Phi_{30}\,\Phi_{24}^{3}\,\Phi_{15}\,\Phi_{12}\,\Phi_{6}$
51911	990	1576	$\frac{2}{197}$	$\frac{1}{4}$	$\frac{65}{197}$	$\frac{3}{8}$	$\Phi_{1576}\,\Phi_{197}\,\Phi_{8}^{2}\,\Phi_{1}^{2}$
51912	990	1456	$\frac{1}{91}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1456}\,\Phi_{364}\,\Phi_{208}\,\Phi_{182}\,\Phi_{112}\,\Phi_{52}\,\Phi_{28}\,\Phi_{26}\,\Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
51913	990	536	$\frac{1}{67}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{536}^3\ \Phi_{268}\ \Phi_{134}$
51914	990	1576	$\frac{5}{197}$	$\frac{32}{197}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1576}\ \Phi_{197}\ \Phi_8^2\ \Phi_1^2$
51915	990	952	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{952}^2\ \Phi_{238}\ \Phi_{119}\ \Phi_{56}\ \Phi_{14}$
51916	990	1576	$\frac{8}{197}$	$\frac{21}{197}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1576}\ \Phi_{197}\ \Phi_8^2\ \Phi_1^2$
51917	990	920	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{920}^2\ \Phi_{230}\ \Phi_{184}\ \Phi_{115}\ \Phi_{46}$
51918	990	1144	$\frac{5}{104}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1144}\ \Phi_{572}\ \Phi_{286}\ \Phi_{143}\ \Phi_{44}\ \Phi_{22}$
51919	990	1576	$\frac{10}{197}$	$\frac{17}{197}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1576}\ \Phi_{197}\ \Phi_8^2\ \Phi_1^2$
51920	990	456	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{456}^4\ \Phi_{228}\ \Phi_{152}^3\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
51921	990	1064	$\frac{1}{56}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{152}\ \Phi_{133}\ \Phi_{76}\ \Phi_{38}$
51922	990	989	$\frac{19}{989}$	$\frac{194}{989}$	$\frac{265}{989}$	$\frac{362}{989}$	$\Phi_{989}\ \Phi_{43}\ \Phi_{23}\ \Phi_1^2$
51923	990	86	$\frac{1}{43}$	$\frac{7}{43}$	$\frac{12}{43}$	$\frac{31}{86}$	$\Phi_{86}^{18}\ \Phi_{43}^5\ \Phi_2^{18}\ \Phi_1^6$
51924	990	1054	$\frac{1}{34}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{1054}\ \Phi_{527}\ \Phi_{62}$
51925	990	172	$\frac{7}{172}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{172}^6\ \Phi_{86}^6\ \Phi_{43}^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
51926	990	23	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{8}{23}$	$\Phi_{23}^{43}\ \Phi_1^{44}$
51927	990	1596	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{1596}\ \Phi_{532}\ \Phi_{266}\ \Phi_{228}\ \Phi_{133}\ \Phi_{76}\ \Phi_{38}$
51928	990	989	$\frac{59}{989}$	$\frac{62}{989}$	$\frac{309}{989}$	$\frac{340}{989}$	$\Phi_{989}\ \Phi_{43}\ \Phi_{23}\ \Phi_1^2$
51929	990	1072	$\frac{4}{67}$	$\frac{1}{16}$	$\frac{21}{67}$	$\frac{23}{67}$	$\Phi_{1072}\ \Phi_{536}\ \Phi_{268}\ \Phi_{134}$
51930	990	1092	$\frac{4}{91}$	$\frac{1}{12}$	$\frac{29}{91}$	$\frac{31}{91}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}\ \Phi_{26}\ \Phi_{21}\ \Phi_{14}$
51931	990	550	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{8}{25}$	$\frac{17}{50}$	$\Phi_{550}^3\ \Phi_{275}\ \Phi_{110}^3\ \Phi_{55}\ \Phi_{22}^3$
51932	990	989	$\frac{26}{989}$	$\frac{131}{989}$	$\frac{321}{989}$	$\frac{334}{989}$	$\Phi_{989}\ \Phi_{43}\ \Phi_{23}\ \Phi_1^2$
51933	990	1194	$\frac{4}{199}$	$\frac{1}{6}$	$\frac{65}{199}$	$\frac{67}{199}$	$\Phi_{1194}\ \Phi_{597}\ \Phi_{398}$
51934	990	989	$\frac{14}{989}$	$\frac{219}{989}$	$\frac{325}{989}$	$\frac{332}{989}$	$\Phi_{989}\ \Phi_{43}\ \Phi_{23}\ \Phi_1^2$
51935	990	1324	$\frac{4}{331}$	$\frac{1}{4}$	$\frac{109}{331}$	$\frac{111}{331}$	$\Phi_{1324}\ \Phi_{662}$
51936	990	744	$\frac{1}{124}$	$\frac{41}{124}$	$\frac{1}{3}$	$\frac{83}{248}$	$\Phi_{744}^3\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
51937	990	570	$\frac{2}{57}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{570}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{38}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
51938	990	492	$\frac{1}{82}$	$\frac{1}{4}$	$\frac{27}{82}$	$\frac{1}{3}$	$\Phi_{492}^4\ \Phi_{246}^2\ \Phi_{123}^2\ \Phi_{12}^5\ \Phi_6^3\ \Phi_3^2$
51939	990	1488	$\frac{7}{496}$	$\frac{111}{496}$	$\frac{163}{496}$	$\frac{1}{3}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
51940	990	294	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{16}{49}$	$\frac{1}{3}$	$\Phi_{294}^4\ \Phi_{147}^2\ \Phi_{98}^4\ \Phi_{49}^4\ \Phi_{42}^4\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_7^4\ \Phi_6^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
51941	990	1488	$\frac{13}{496}$	$\frac{67}{496}$	$\frac{161}{496}$	$\frac{1}{3}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
51942	990	186	$\frac{1}{31}$	$\frac{7}{62}$	$\frac{10}{31}$	$\frac{1}{3}$	$\Phi_{186}^9\ \Phi_{93}^7\ \Phi_6^9\ \Phi_3^6$
51943	990	810	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{162}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
51944	990	132	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{132}^8\ \Phi_{66}^6\ \Phi_{44}^8\ \Phi_{33}^6\ \Phi_{22}^8\ \Phi_{12}^{10}\ \Phi_{11}^8\ \Phi_6^8\ \Phi_4^{10}\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
51945	990	48	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{48}^{31}\ \Phi_{24}^{31}\ \Phi_{12}^{31}\ \Phi_6^{31}\ \Phi_3^{30}$
51946	990	1488	$\frac{23}{496}$	$\frac{43}{496}$	$\frac{151}{496}$	$\frac{1}{3}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
51947	990	969	$\frac{2}{57}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{969}\ \Phi_{323}\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_{17}\ \Phi_1^2$
51948	990	714	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{42}^2\ \Phi_6^3$
51949	990	1488	$\frac{11}{496}$	$\frac{97}{496}$	$\frac{133}{496}$	$\frac{1}{3}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
51950	990	690	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{690}\ \Phi_{345}\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{115}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{30}\ \Phi_{23}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
51951	990	168	$\frac{1}{56}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^9\ \Phi_{84}^9\ \Phi_{42}^9\ \Phi_{24}^9\ \Phi_{21}^9\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
51952	990	1968	$\frac{3}{164}$	$\frac{161}{656}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
51953	990	492	$\frac{1}{41}$	$\frac{8}{41}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{492}^4\ \Phi_{246}^4\ \Phi_{12}^5\ \Phi_6^5$
51954	990	204	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^6\ \Phi_{102}^3\ \Phi_{68}^8\ \Phi_{51}^3\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
51955	990	1596	$\frac{2}{57}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{266}\ \Phi_{28}\ \Phi_{14}$
51956	990	492	$\frac{5}{82}$	$\frac{7}{82}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{492}^4\ \Phi_{246}^2\ \Phi_{123}^2\ \Phi_{12}^5\ \Phi_6^3\ \Phi_3^2$
51957	990	48	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{48}^{21}\ \Phi_{24}^{21}\ \Phi_{16}^{24}\ \Phi_{12}^{16}\ \Phi_8^{24}\ \Phi_6^{16}\ \Phi_4^{18}\ \Phi_3^{15}\ \Phi_2^{18}\ \Phi_1^{18}$
51958	990	360	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{72}^2\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2$
51959	990	384	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{29}{128}$	$\frac{1}{3}$	$\Phi_{384}^5\ \Phi_{192}^5\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
51960	990	1170	$\frac{7}{117}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_6$
51961	990	372	$\frac{1}{31}$	$\frac{6}{31}$	$\frac{25}{124}$	$\frac{1}{3}$	$\Phi_{372}^5\ \Phi_{186}^5\ \Phi_{93}\ \Phi_{12}^5\ \Phi_6^5$
51962	990	336	$\frac{1}{16}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{3}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{84}^5\ \Phi_{48}\ \Phi_{42}^5\ \Phi_{24}\ \Phi_{21}^5\ \Phi_{12}\ \Phi_6$
51963	990	270	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{5}{27}$	$\frac{1}{3}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^4\ \Phi_{30}^5\ \Phi_{18}^4\ \Phi_{15}^5\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^4\ \Phi_2^4$
51964	990	1488	$\frac{41}{496}$	$\frac{45}{496}$	$\frac{91}{496}$	$\frac{1}{3}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
51965	990	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{132}^8\ \Phi_{66}^8\ \Phi_{44}^8\ \Phi_{33}^4\ \Phi_{22}^8\ \Phi_{12}^{10}\ \Phi_{11}^8\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^5\ \Phi_2^{10}\ \Phi_1^{10}$
51966	990	1488	$\frac{37}{496}$	$\frac{51}{496}$	$\frac{89}{496}$	$\frac{1}{3}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
51967	990	240	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{240}^8\ \Phi_{120}^7\ \Phi_{60}^7\ \Phi_{48}\ \Phi_{30}^7\ \Phi_{24}\ \Phi_{15}^7\ \Phi_{12}\ \Phi_6$
51968	990	210	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{210}^6\ \Phi_{105}^3\ \Phi_{70}^6\ \Phi_{42}^4\ \Phi_{35}^6\ \Phi_{30}^6\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_{14}^4\ \Phi_{10}^6\ \Phi_7^4\ \Phi_6^6\ \Phi_5^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
51969	990	336	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^4\ \Phi_{84}^3\ \Phi_{56}^4\ \Phi_{48}^3\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{16}^4\ \Phi_{12}^3\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
51970	990	294	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{294}^4\ \Phi_{147}^2\ \Phi_{98}^4\ \Phi_{49}^4\ \Phi_{42}^4\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_7^4\ \Phi_6^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
51971	990	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{60}^{20}\ \Phi_{30}^{17}\ \Phi_{20}^{20}\ \Phi_{15}^{17}\ \Phi_{12}^{10}\ \Phi_{10}^{16}\ \Phi_6^9\ \Phi_5^{16}\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
51972	990	192	$\frac{1}{16}$	$\frac{9}{64}$	$\frac{5}{32}$	$\frac{1}{3}$	$\Phi_{192}^9\ \Phi_{96}^6\ \Phi_{48}^7\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
51973	990	186	$\frac{3}{31}$	$\frac{7}{62}$	$\frac{4}{31}$	$\frac{1}{3}$	$\Phi_{186}^9\ \Phi_{93}^7\ \Phi_6^9\ \Phi_3^6$
51974	990	630	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_6$
51975	990	1335	$\frac{2}{89}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{29}{89}$	$\Phi_{1335}\ \Phi_{267}\ \Phi_{89}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
51976	990	455	$\frac{2}{65}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{21}{65}$	$\Phi_{455}^2\ \Phi_{91}^2\ \Phi_{65}^3\ \Phi_{35}^2\ \Phi_{13}^3\ \Phi_7^4\ \Phi_5^3\ \Phi_1^6$
51977	990	780	$\frac{2}{65}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{21}{65}$	$\Phi_{780}^2\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
51978	990	989	$\frac{32}{989}$	$\frac{134}{989}$	$\frac{285}{989}$	$\frac{319}{989}$	$\Phi_{989}\ \Phi_{43}\ \Phi_{23}\ \Phi_1^2$
51979	990	1194	$\frac{7}{199}$	$\frac{1}{6}$	$\frac{45}{199}$	$\frac{64}{199}$	$\Phi_{1194}\ \Phi_{597}\ \Phi_{398}$
51980	990	1377	$\frac{1}{27}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{26}{81}$	$\Phi_{1377}\ \Phi_{81}^2\ \Phi_{17}\ \Phi_1^2$
51981	990	2268	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{26}{81}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{28}\ \Phi_{14}$
51982	990	989	$\frac{38}{989}$	$\frac{153}{989}$	$\frac{224}{989}$	$\frac{317}{989}$	$\Phi_{989}\ \Phi_{43}\ \Phi_{23}\ \Phi_1^2$
51983	990	1324	$\frac{13}{331}$	$\frac{45}{331}$	$\frac{1}{4}$	$\frac{106}{331}$	$\Phi_{1324}\ \Phi_{662}$
51984	990	154	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{7}{22}$	$\Phi_{154}^6\ \Phi_{77}^6\ \Phi_{22}^8\ \Phi_{14}^8\ \Phi_{11}^8\ \Phi_7^7\ \Phi_2^{10}\ \Phi_1^{10}$
51985	990	161	$\frac{8}{161}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{51}{161}$	$\Phi_{161}^6\ \Phi_{23}^7\ \Phi_7^6\ \Phi_1^8$
51986	990	464	$\frac{1}{16}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{5}{16}$	$\Phi_{464}^2\ \Phi_{232}^2\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
51987	990	176	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{176}^6\ \Phi_{88}^6\ \Phi_{44}^7\ \Phi_{22}^7\ \Phi_{11}^6$
51988	990	464	$\frac{1}{16}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{5}{16}$	$\Phi_{464}^2\ \Phi_{232}^2\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
51989	990	336	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{16}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^2\ \Phi_{84}^4\ \Phi_{56}^2\ \Phi_{42}^5\ \Phi_{28}^2\ \Phi_{21}^5\ \Phi_{14}^3\ \Phi_7^2$
51990	990	989	$\frac{62}{989}$	$\frac{68}{989}$	$\frac{307}{989}$	$\frac{309}{989}$	$\Phi_{989}\ \Phi_{43}\ \Phi_{23}\ \Phi_1^2$
51991	990	348	$\frac{2}{29}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{348}^3\ \Phi_{174}^3\ \Phi_{116}^2\ \Phi_{87}^3\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
51992	990	1160	$\frac{2}{29}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{9}{29}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{145}\ \Phi_{40}^2\ \Phi_{29}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
51993	990	1100	$\frac{7}{100}$	$\frac{1}{11}$	$\frac{23}{100}$	$\frac{31}{100}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
51994	990	989	$\frac{74}{989}$	$\frac{114}{989}$	$\frac{175}{989}$	$\frac{305}{989}$	$\Phi_{989}\ \Phi_{43}\ \Phi_{23}\ \Phi_1^2$
51995	990	156	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{156}^7\ \Phi_{78}^7\ \Phi_{52}^7\ \Phi_{39}^7\ \Phi_{26}^7\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6$
51996	990	989	$\frac{77}{989}$	$\frac{137}{989}$	$\frac{142}{989}$	$\frac{304}{989}$	$\Phi_{989}\ \Phi_{43}\ \Phi_{23}\ \Phi_1^2$
51997	990	1162	$\frac{13}{166}$	$\frac{23}{166}$	$\frac{1}{7}$	$\frac{51}{166}$	$\Phi_{1162}\ \Phi_{581}\ \Phi_{14}$
51998	990	1194	$\frac{16}{199}$	$\frac{23}{199}$	$\frac{1}{6}$	$\frac{61}{199}$	$\Phi_{1194}\ \Phi_{597}\ \Phi_{398}$
51999	990	989	$\frac{76}{989}$	$\frac{83}{989}$	$\frac{229}{989}$	$\frac{302}{989}$	$\Phi_{989}\ \Phi_{43}\ \Phi_{23}\ \Phi_1^2$
52000	990	1324	$\frac{23}{331}$	$\frac{28}{331}$	$\frac{1}{4}$	$\frac{101}{331}$	$\Phi_{1324}\ \Phi_{662}$
52001	990	161	$\frac{2}{23}$	$\frac{16}{161}$	$\frac{29}{161}$	$\frac{7}{23}$	$\Phi_{161}^6\ \Phi_{23}^7\ \Phi_7^6\ \Phi_1^8$
52002	990	115	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{16}{115}$	$\frac{7}{23}$	$\Phi_{115}^{10}\ \Phi_{23}^3\ \Phi_5^{10}\ \Phi_1^4$
52003	990	43	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{10}{43}$	$\frac{13}{43}$	$\Phi_{43}^{23}\ \Phi_1^{24}$
52004	990	1324	$\frac{21}{331}$	$\frac{31}{331}$	$\frac{1}{4}$	$\frac{100}{331}$	$\Phi_{1324}\ \Phi_{662}$
52005	990	440	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{110}\ \Phi_{88}^3\ \Phi_{55}\ \Phi_{44}^3\ \Phi_{22}$
52006	990	1224	$\frac{1}{18}$	$\frac{2}{17}$	$\frac{17}{72}$	$\frac{5}{17}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{72}^2\ \Phi_{68}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
52007	990	459	$\frac{2}{27}$	$\frac{2}{17}$	$\frac{5}{27}$	$\frac{5}{17}$	$\Phi_{459}^2\ \Phi_{153}^2\ \Phi_{51}^2\ \Phi_{27}^4\ \Phi_{17}^3\ \Phi_9^4\ \Phi_3^4\ \Phi_1^6$
52008	990	204	$\frac{1}{12}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{204}^5\ \Phi_{102}^4\ \Phi_{68}^5\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{17}^5\ \Phi_{12}^{10}\ \Phi_6^8\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
52009	990	1071	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{8}{63}$	$\frac{5}{17}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{119}\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_{17}\ \Phi_7^2\ \Phi_1^2$
52010	990	1368	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
52011	990	989	$\frac{64}{989}$	$\frac{134}{989}$	$\frac{185}{989}$	$\frac{285}{989}$	$\Phi_{989}\ \Phi_{43}\ \Phi_{23}\ \Phi_1^2$
52012	990	644	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{644}^2\ \Phi_{322}^2\ \Phi_{92}^3\ \Phi_{46}^3$
52013	990	266	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{266}^5\ \Phi_{133}^3\ \Phi_{38}^5\ \Phi_{19}^2$
52014	990	35	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{35}^{28}\ \Phi_7^{30}\ \Phi_5^{27}\ \Phi_1^{30}$
52015	990	91	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{2}{13}$	$\frac{2}{7}$	$\Phi_{91}^{10}\ \Phi_{13}^{15}\ \Phi_7^{12}\ \Phi_1^{18}$
52016	990	84	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{84}^{13}\ \Phi_{42}^{13}\ \Phi_{28}^{13}\ \Phi_{21}^{13}\ \Phi_{14}^{13}\ \Phi_{12}^{12}\ \Phi_6^{12}\ \Phi_4^{12}\ \Phi_3^{12}\ \Phi_2^{12}$
52017	990	46	$\frac{1}{23}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{46}^{22}\ \Phi_{23}^{21}\ \Phi_2^{22}\ \Phi_1^{22}$
52018	990	46	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{7}{46}$	$\frac{13}{46}$	$\Phi_{46}^{20}\ \Phi_{23}^{23}\ \Phi_2^{20}\ \Phi_1^{24}$
52019	990	989	$\frac{77}{989}$	$\frac{142}{989}$	$\frac{152}{989}$	$\frac{279}{989}$	$\Phi_{989}\ \Phi_{43}\ \Phi_{23}\ \Phi_1^2$
52020	990	1194	$\frac{13}{199}$	$\frac{31}{199}$	$\frac{1}{6}$	$\frac{56}{199}$	$\Phi_{1194}\ \Phi_{597}\ \Phi_{398}$
52021	990	989	$\frac{65}{989}$	$\frac{154}{989}$	$\frac{167}{989}$	$\frac{274}{989}$	$\Phi_{989}\ \Phi_{43}\ \Phi_{23}\ \Phi_1^2$
52022	990	1092	$\frac{1}{12}$	$\frac{11}{91}$	$\frac{16}{91}$	$\frac{25}{91}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}\ \Phi_{26}\ \Phi_{21}\ \Phi_{14}$
52023	990	989	$\frac{79}{989}$	$\frac{120}{989}$	$\frac{182}{989}$	$\frac{269}{989}$	$\Phi_{989}\ \Phi_{43}\ \Phi_{23}\ \Phi_1^2$
52024	990	1162	$\frac{11}{166}$	$\frac{1}{7}$	$\frac{31}{166}$	$\frac{45}{166}$	$\Phi_{1162}\ \Phi_{581}\ \Phi_{14}$
52025	990	989	$\frac{34}{989}$	$\frac{191}{989}$	$\frac{241}{989}$	$\frac{266}{989}$	$\Phi_{989}\ \Phi_{43}\ \Phi_{23}\ \Phi_1^2$
52026	990	1324	$\frac{11}{331}$	$\frac{64}{331}$	$\frac{1}{4}$	$\frac{89}{331}$	$\Phi_{1324}\ \Phi_{662}$
52027	990	1860	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{62}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
52028	990	1335	$\frac{4}{89}$	$\frac{17}{89}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1335}\ \Phi_{267}\ \Phi_{89}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
52029	990	570	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{570}^2\ \Phi_{285}\ \Phi_{190}^2\ \Phi_{114}^3\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{19}^2$
52030	990	1335	$\frac{5}{89}$	$\frac{14}{89}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1335}\ \Phi_{267}\ \Phi_{89}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
52031	990	1680	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{210}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}$
52032	990	1335	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1335}\ \Phi_{267}\ \Phi_{89}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
52033	990	330	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{330}^5\ \Phi_{165}^4\ \Phi_{110}\ \Phi_{66}^5\ \Phi_{55}\ \Phi_{33}^4\ \Phi_{22}$
52034	990	436	$\frac{4}{109}$	$\frac{21}{109}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{436}^2\ \Phi_{218}^2\ \Phi_{109}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
52035	990	276	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{276}^4\ \Phi_{138}^5\ \Phi_{92}^2\ \Phi_{69}^5\ \Phi_{46}^3\ \Phi_{23}^2$
52036	990	436	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{436}^2\ \Phi_{218}^2\ \Phi_{109}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
52037	990	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{132}^9\ \Phi_{66}^9\ \Phi_{44}^7\ \Phi_{33}^9\ \Phi_{22}^7\ \Phi_{11}^6$
52038	990	504	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{17}{72}$	$\frac{1}{4}$	$\Phi_{504}^3\ \Phi_{252}\ \Phi_{168}^3\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{63}^2\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2$
52039	990	1408	$\frac{1}{11}$	$\frac{3}{32}$	$\frac{29}{128}$	$\frac{1}{4}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{44}\ \Phi_{22}$
52040	990	112	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{112}^9\ \Phi_{56}^9\ \Phi_{28}^6\ \Phi_{16}^{12}\ \Phi_{14}^8\ \Phi_8^{12}\ \Phi_7^7\ \Phi_4^8\ \Phi_2^{10}\ \Phi_1^{10}$
52041	990	420	$\frac{2}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^4\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^4\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^4\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
52042	990	1232	$\frac{1}{11}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}$
52043	990	756	$\frac{2}{27}$	$\frac{1}{7}$	$\frac{5}{27}$	$\frac{1}{4}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^3\ \Phi_{14}^3$
52044	990	1324	$\frac{26}{331}$	$\frac{45}{331}$	$\frac{61}{331}$	$\frac{1}{4}$	$\Phi_{1324}\ \Phi_{662}$
52045	990	440	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{55}^3\ \Phi_{44}\ \Phi_{22}$
52046	990	348	$\frac{1}{12}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\Phi_{348}^3\ \Phi_{174}^3\ \Phi_{116}^2\ \Phi_{87}^3\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
52047	990	1324	$\frac{25}{331}$	$\frac{51}{331}$	$\frac{56}{331}$	$\frac{1}{4}$	$\Phi_{1324}\ \Phi_{662}$
52048	990	156	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{156}^{10}\ \Phi_{78}^5\ \Phi_{52}^5\ \Phi_{39}^5\ \Phi_{13}^5\ \Phi_{12}^{12}\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_1^6$
52049	990	84	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{84}^{13}\ \Phi_{42}^{14}\ \Phi_{28}^{14}\ \Phi_{21}^{14}\ \Phi_{14}^{15}\ \Phi_7^{14}$
52050	990	252	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{252}^5\ \Phi_{126}^5\ \Phi_{84}^5\ \Phi_{42}^5\ \Phi_{36}^6\ \Phi_{28}^6\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_2^6$
52051	990	43	$\frac{3}{43}$	$\frac{7}{43}$	$\frac{8}{43}$	$\frac{10}{43}$	$\Phi_{43}^{23}\ \Phi_1^{24}$
52052	990	184	$\frac{19}{184}$	$\frac{3}{23}$	$\frac{4}{23}$	$\frac{5}{23}$	$\Phi_{184}^6\ \Phi_{92}^6\ \Phi_{46}^6\ \Phi_{23}\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^2$
52053	990	168	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{168}^8\ \Phi_{84}^5\ \Phi_{56}^6\ \Phi_{42}^5\ \Phi_{28}^3\ \Phi_{24}^8\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{12}^4\ \Phi_8^6\ \Phi_7^4\ \Phi_6^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
52054	990	154	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{14}$	$\Phi_{154}^8\ \Phi_{77}^4\ \Phi_{22}^8\ \Phi_{14}^{10}\ \Phi_{11}^8\ \Phi_7^5\ \Phi_2^{10}\ \Phi_1^{10}$
52055	990	210	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^3\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^8\ \Phi_{21}^3\ \Phi_{15}^8\ \Phi_{14}^2\ \Phi_{10}^4\ \Phi_7\ \Phi_6^4\ \Phi_5^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^2$
52056	990	1160	$\frac{1}{8}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{7}{40}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{145}\ \Phi_{40}^2\ \Phi_{29}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
52057	990	840	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{7}{40}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}\ \Phi_{210}^2\ \Phi_{140}\ \Phi_{105}^2\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
52058	991	1584	$\frac{1}{198}$	$\frac{199}{792}$	$\frac{593}{1584}$	$\frac{197}{396}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{396}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
52059	991	1968	$\frac{7}{984}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{977}{1968}$	$\Phi_{1968}\ \Phi_{656}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
52060	991	1760	$\frac{1}{110}$	$\frac{111}{880}$	$\frac{769}{1760}$	$\frac{109}{220}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{220}\ \Phi_{160}\ \Phi_{44}\ \Phi_{32}\ \Phi_{20}\ \Phi_4\ \Phi_1$
52061	991	1320	$\frac{1}{110}$	$\frac{329}{1320}$	$\frac{111}{440}$	$\frac{109}{220}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
52062	991	1800	$\frac{1}{90}$	$\frac{91}{900}$	$\frac{809}{1800}$	$\frac{89}{180}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
52063	991	1960	$\frac{11}{980}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{969}{1960}$	$\Phi_{1960}\ \Phi_{392}\ \Phi_{280}\ \Phi_{56}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
52064	991	1848	$\frac{1}{66}$	$\frac{67}{924}$	$\frac{857}{1848}$	$\frac{65}{132}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}\ \Phi_{56}\ \Phi_{44}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
52065	991	1944	$\frac{19}{972}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{953}{1944}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{216}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
52066	991	1944	$\frac{19}{972}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{953}{1944}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{216}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
52067	991	1936	$\frac{23}{968}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{945}{1936}$	$\Phi_{1936}\ \Phi_{176}\ \Phi_{44}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
52068	991	1332	$\frac{8}{333}$	$\frac{1}{9}$	$\frac{341}{1332}$	$\frac{325}{666}$	$\Phi_{1332}\ \Phi_{444}\ \Phi_{333}\ \Phi_{148}\ \Phi_{111}\ \Phi_{37}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
52069	991	1920	$\frac{31}{960}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{929}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
52070	991	1920	$\frac{31}{960}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{929}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
52071	991	1440	$\frac{1}{30}$	$\frac{31}{480}$	$\frac{449}{1440}$	$\frac{29}{60}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
52072	991	1080	$\frac{1}{30}$	$\frac{89}{1080}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
52073	991	1200	$\frac{1}{30}$	$\frac{31}{240}$	$\frac{209}{1200}$	$\frac{29}{60}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
52074	991	1900	$\frac{41}{950}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{909}{1900}$	$\Phi_{1900}\ \Phi_{380}\ \Phi_{100}\ \Phi_{76}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
52075	991	1200	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{209}{1200}$	$\frac{191}{400}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
52076	991	1452	$\frac{1}{22}$	$\frac{23}{484}$	$\frac{461}{1452}$	$\frac{21}{44}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{363}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
52077	991	1056	$\frac{1}{22}$	$\frac{65}{1056}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
52078	991	1296	$\frac{1}{18}$	$\frac{19}{324}$	$\frac{305}{1296}$	$\frac{17}{36}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
52079	991	1080	$\frac{1}{18}$	$\frac{89}{1080}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
52080	991	1872	$\frac{1}{18}$	$\frac{55}{936}$	$\frac{17}{72}$	$\frac{881}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
52081	991	1144	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{153}{1144}$	$\frac{133}{286}$	$\Phi_{1144}\ \Phi_{572}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}\ \Phi_{52}\ \Phi_{44}\ \Phi_{13}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
52082	991	1848	$\frac{67}{924}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{857}{1848}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{168}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{24}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
52083	991	1120	$\frac{11}{140}$	$\frac{1}{10}$	$\frac{129}{1120}$	$\frac{9}{20}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
52084	991	1800	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{900}$	$\frac{809}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}\ \Phi_{120}\ \Phi_{100}\ \Phi_{72}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
52085	991	1152	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{161}{1152}$	$\frac{127}{288}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
52086	991	1764	$\frac{1}{18}$	$\frac{109}{882}$	$\frac{17}{126}$	$\frac{773}{1764}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{252}\ \Phi_{196}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
52087	991	1078	$\frac{87}{1078}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{154}$	$\Phi_{1078}\ \Phi_{539}\ \Phi_{98}\ \Phi_{77}\ \Phi_{49}\ \Phi_{7}\ \Phi_{1}$
52088	991	1728	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{127}{864}$	$\frac{737}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
52089	991	1716	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{133}{858}$	$\frac{725}{1716}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{156}\ \Phi_{143}\ \Phi_{132}\ \Phi_{52}\ \Phi_{44}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
52090	991	1476	$\frac{7}{492}$	$\frac{1}{6}$	$\frac{485}{1476}$	$\frac{5}{12}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{369}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
52091	991	1008	$\frac{17}{1008}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
52092	991	1620	$\frac{1}{90}$	$\frac{181}{810}$	$\frac{89}{270}$	$\frac{629}{1620}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
52093	991	1040	$\frac{49}{1040}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
52094	991	1600	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{191}{800}$	$\frac{609}{1600}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{200}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
52095	991	1440	$\frac{1}{90}$	$\frac{89}{360}$	$\frac{449}{1440}$	$\frac{271}{720}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
52096	991	1584	$\frac{1}{66}$	$\frac{65}{264}$	$\frac{199}{792}$	$\frac{593}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{88}\ \Phi_{48}\ \Phi_{44}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
52097	991	1026	$\frac{35}{1026}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{1026}\ \Phi_{513}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}\ \Phi_{27}\ \Phi_{19}\ \Phi_{1}$
52098	991	1512	$\frac{1}{18}$	$\frac{17}{252}$	$\frac{235}{756}$	$\frac{521}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
52099	991	1500	$\frac{9}{250}$	$\frac{1}{10}$	$\frac{241}{750}$	$\frac{509}{1500}$	$\Phi_{1500}\ \Phi_{500}\ \Phi_{300}\ \Phi_{250}\ \Phi_{125}\ \Phi_{100}\ \Phi_{60}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
52100	991	1458	$\frac{19}{486}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{467}{1458}$	$\Phi_{1458}\ \Phi_{729}\ \Phi_{27}\ \Phi_{1}$
52101	991	1440	$\frac{31}{480}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{449}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
52102	991	1287	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{296}{1287}$	$\frac{133}{429}$	$\Phi_{1287}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
52103	991	1200	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{209}{1200}$	$\frac{91}{300}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
52104	991	1296	$\frac{19}{324}$	$\frac{1}{9}$	$\frac{305}{1296}$	$\frac{8}{27}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
52105	991	1053	$\frac{62}{1053}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{1053}\ \Phi_{351}\ \Phi_{117}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_{1}$
52106	991	1215	$\frac{19}{243}$	$\frac{1}{9}$	$\frac{224}{1215}$	$\frac{8}{27}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
52107	991	1080	$\frac{89}{1080}$	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
52108	991	1134	$\frac{1}{9}$	$\frac{19}{162}$	$\frac{143}{1134}$	$\frac{8}{27}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
52109	991	1296	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{305}{1296}$	$\frac{127}{432}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
52110	991	1155	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{164}{1155}$	$\frac{67}{231}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
52111	991	1386	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{462}$	$\frac{395}{1386}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{18}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
52112	991	1080	$\frac{89}{1080}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
52113	991	1280	$\frac{31}{320}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{289}{1280}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{256}\ \Phi_{128}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
52114	991	1120	$\frac{1}{10}$	$\frac{129}{1120}$	$\frac{31}{160}$	$\frac{9}{40}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
52115	991	1200	$\frac{1}{10}$	$\frac{31}{240}$	$\frac{209}{1200}$	$\frac{9}{40}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
52116	991	1232	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{241}{1232}$	$\frac{67}{308}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{176}\ \Phi_{112}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{16}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
52117	992	741	$\frac{1}{247}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{123}{247}$	$\Phi_{741}\ \Phi_{247}^2\ \Phi_{57}\ \Phi_{39}\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_{3}^2\ \Phi_{1}^4$
52118	992	991	$\frac{5}{991}$	$\frac{249}{991}$	$\frac{371}{991}$	$\frac{493}{991}$	$\Phi_{991}\ \Phi_{1}^2$
52119	992	1491	$\frac{3}{497}$	$\frac{125}{497}$	$\frac{1}{3}$	$\frac{247}{497}$	$\Phi_{1491}\ \Phi_{213}\ \Phi_{21}$
52120	992	861	$\frac{1}{123}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{61}{123}$	$\Phi_{861}\ \Phi_{287}\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_{21}\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
52121	992	615	$\frac{1}{123}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{61}{123}$	$\Phi_{615}^2\ \Phi_{205}^2\ \Phi_{15}^3\ \Phi_{5}^2$
52122	992	991	$\frac{9}{991}$	$\frac{125}{991}$	$\frac{433}{991}$	$\frac{491}{991}$	$\Phi_{991}\ \Phi_{1}^2$
52123	992	415	$\frac{1}{83}$	$\frac{1}{5}$	$\frac{21}{83}$	$\frac{41}{83}$	$\Phi_{415}^3\ \Phi_{5}^2$
52124	992	735	$\frac{3}{245}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{121}{245}$	$\Phi_{735}^2\ \Phi_{147}^2\ \Phi_{105}^2\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_{3}^2$
52125	992	991	$\frac{13}{991}$	$\frac{185}{991}$	$\frac{251}{991}$	$\frac{489}{991}$	$\Phi_{991}\ \Phi_{1}^2$
52126	992	213	$\frac{1}{71}$	$\frac{9}{71}$	$\frac{1}{3}$	$\frac{35}{71}$	$\Phi_{213}^7\ \Phi_{3}^6$
52127	992	915	$\frac{1}{61}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{30}{61}$	$\Phi_{915}\ \Phi_{305}\ \Phi_{183}\ \Phi_{61}^2\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
52128	992	549	$\frac{1}{61}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{30}{61}$	$\Phi_{549}^2\ \Phi_{183}\ \Phi_{61}^2\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^4$
52129	992	305	$\frac{1}{61}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{30}{61}$	$\Phi_{305}^3\ \Phi_{61}^4\ \Phi_{5}^6\ \Phi_{1}^8$
52130	992	991	$\frac{17}{991}$	$\frac{63}{991}$	$\frac{464}{991}$	$\frac{487}{991}$	$\Phi_{991}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
52131	992	1125	$\frac{3}{125}$	$\frac{1}{9}$	$\frac{32}{125}$	$\frac{61}{125}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{225}\ \Phi_{75}\ \Phi_{45}\ \Phi_{15}$
52132	992	991	$\frac{25}{991}$	$\frac{127}{991}$	$\frac{216}{991}$	$\frac{483}{991}$	$\Phi_{991}\ \Phi_{1}^{2}$
52133	992	1245	$\frac{7}{249}$	$\frac{32}{249}$	$\frac{1}{5}$	$\frac{121}{249}$	$\Phi_{1245}\ \Phi_{415}\ \Phi_{15}$
52134	992	991	$\frac{29}{991}$	$\frac{92}{991}$	$\frac{255}{991}$	$\frac{481}{991}$	$\Phi_{991}\ \Phi_{1}^{2}$
52135	992	1491	$\frac{15}{497}$	$\frac{32}{497}$	$\frac{1}{3}$	$\frac{241}{497}$	$\Phi_{1491}\ \Phi_{213}\ \Phi_{21}$
52136	992	1860	$\frac{1}{31}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{15}{31}$	$\Phi_{1860}\ \Phi_{620}\ \Phi_{372}\ \Phi_{124}\ \Phi_{60}^{2}\ \Phi_{31}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
52137	992	1023	$\frac{1}{31}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{1023}\ \Phi_{341}\ \Phi_{33}^{2}\ \Phi_{31}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
52138	992	1395	$\frac{1}{31}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{15}{31}$	$\Phi_{1395}\ \Phi_{279}\ \Phi_{45}^{2}\ \Phi_{31}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
52139	992	1240	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{15}{31}$	$\Phi_{1240}\ \Phi_{620}\ \Phi_{248}\ \Phi_{124}\ \Phi_{40}^{2}\ \Phi_{31}\ \Phi_{20}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
52140	992	1085	$\frac{1}{31}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{15}{31}$	$\Phi_{1085}\ \Phi_{217}\ \Phi_{35}^{2}\ \Phi_{31}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
52141	992	1116	$\frac{1}{31}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{15}{31}$	$\Phi_{1116}\ \Phi_{558}\ \Phi_{372}\ \Phi_{279}\ \Phi_{124}\ \Phi_{36}^{2}\ \Phi_{31}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
52142	992	1020	$\frac{1}{30}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{1020}^{2}\ \Phi_{340}^{2}\ \Phi_{204}^{2}\ \Phi_{68}^{2}\ \Phi_{51}$
52143	992	1860	$\frac{1}{30}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{29}{60}$	$\Phi_{1860}\ \Phi_{620}\ \Phi_{372}\ \Phi_{124}\ \Phi_{60}^{2}\ \Phi_{31}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
52144	992	180	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{29}{60}$	$\Phi_{180}^{12}\ \Phi_{60}^{8}\ \Phi_{45}\ \Phi_{36}^{12}\ \Phi_{20}^{8}\ \Phi_{15}\ \Phi_{12}^{8}\ \Phi_{4}^{8}$
52145	992	225	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{13}{75}$	$\frac{12}{25}$	$\Phi_{225}^{5}\ \Phi_{75}^{3}\ \Phi_{45}^{5}\ \Phi_{25}^{4}\ \Phi_{15}^{3}\ \Phi_{9}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
52146	992	714	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{714}^{2}\ \Phi_{357}\ \Phi_{238}^{2}\ \Phi_{119}\ \Phi_{102}^{2}\ \Phi_{51}\ \Phi_{34}^{2}$
52147	992	480	$\frac{1}{32}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{480}^{2}\ \Phi_{240}^{2}\ \Phi_{160}^{2}\ \Phi_{120}^{2}\ \Phi_{96}^{3}\ \Phi_{80}^{2}\ \Phi_{60}^{2}\ \Phi_{48}^{3}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
52148	992	352	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{352}^{3}\ \Phi_{176}^{3}\ \Phi_{88}^{3}\ \Phi_{44}^{3}\ \Phi_{32}^{2}\ \Phi_{22}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
52149	992	1848	$\frac{1}{33}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{6}$
52150	992	952	$\frac{1}{17}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{952}^{2}\ \Phi_{136}^{2}\ \Phi_{119}$
52151	992	612	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{204}^{2}\ \Phi_{153}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{51}\ \Phi_{34}^{2}$
52152	992	991	$\frac{23}{991}$	$\frac{121}{991}$	$\frac{278}{991}$	$\frac{435}{991}$	$\Phi_{991}\ \Phi_{1}^{2}$
52153	992	1491	$\frac{9}{497}$	$\frac{61}{497}$	$\frac{1}{3}$	$\frac{218}{497}$	$\Phi_{1491}\ \Phi_{213}\ \Phi_{21}$
52154	992	63	$\frac{1}{63}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{63}^{16}\ \Phi_{21}^{15}\ \Phi_{9}^{16}\ \Phi_{7}^{16}\ \Phi_{3}^{14}\ \Phi_{1}^{16}$
52155	992	287	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{10}{41}$	$\frac{3}{7}$	$\Phi_{287}^{3}\ \Phi_{41}^{6}\ \Phi_{7}^{4}\ \Phi_{1}^{8}$
52156	992	1120	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{160}^{2}\ \Phi_{140}\ \Phi_{80}^{2}\ \Phi_{70}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
52157	992	595	$\frac{1}{17}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{595}^{2}\ \Phi_{119}\ \Phi_{85}^{2}$
52158	992	918	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{918}^{2}\ \Phi_{306}^{2}\ \Phi_{153}\ \Phi_{102}^{2}\ \Phi_{51}\ \Phi_{34}^{2}$
52159	992	213	$\frac{1}{71}$	$\frac{35}{213}$	$\frac{1}{3}$	$\frac{89}{213}$	$\Phi_{213}^{5}\ \Phi_{71}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
52160	992	1071	$\frac{1}{63}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}\ \Phi_{119}\ \Phi_{51}$
52161	992	991	$\frac{19}{991}$	$\frac{187}{991}$	$\frac{243}{991}$	$\frac{402}{991}$	$\Phi_{991}\ \Phi_{1}^{2}$
52162	992	585	$\frac{3}{65}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{585}^{2}\ \Phi_{195}^{2}\ \Phi_{117}^{2}\ \Phi_{45}\ \Phi_{39}^{2}\ \Phi_{15}$
52163	992	1056	$\frac{1}{32}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{6}$
52164	992	450	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{6}{25}$	$\frac{19}{50}$	$\Phi_{450}^{4}\ \Phi_{225}\ \Phi_{150}^{4}\ \Phi_{90}^{4}\ \Phi_{75}\ \Phi_{45}\ \Phi_{30}^{4}\ \Phi_{18}^{4}\ \Phi_{15}\ \Phi_{6}^{4}$
52165	992	991	$\frac{27}{991}$	$\frac{154}{991}$	$\frac{241}{991}$	$\frac{375}{991}$	$\Phi_{991}\ \Phi_{1}^{2}$
52166	992	1245	$\frac{5}{249}$	$\frac{1}{5}$	$\frac{61}{249}$	$\frac{94}{249}$	$\Phi_{1245}\ \Phi_{415}\ \Phi_{15}$
52167	992	991	$\frac{11}{991}$	$\frac{245}{991}$	$\frac{309}{991}$	$\frac{373}{991}$	$\Phi_{991}\ \Phi_{1}^{2}$
52168	992	1491	$\frac{5}{497}$	$\frac{123}{497}$	$\frac{1}{3}$	$\frac{187}{497}$	$\Phi_{1491}\ \Phi_{213}\ \Phi_{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
52169	992	528	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{528}^3\ \Phi_{264}\ \Phi_{176}^3\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}^2\ \Phi_{44}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
52170	992	375	$\frac{1}{125}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{375}^3\ \Phi_{125}^2\ \Phi_{75}^3\ \Phi_{25}^2\ \Phi_{15}^3\ \Phi_5^2$
52171	992	741	$\frac{3}{247}$	$\frac{61}{247}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{741}\ \Phi_{247}^2\ \Phi_{57}\ \Phi_{39}\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
52172	992	315	$\frac{1}{63}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{45}^4\ \Phi_{35}^4\ \Phi_{15}^3\ \Phi_5^2$
52173	992	741	$\frac{7}{247}$	$\frac{30}{247}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{741}\ \Phi_{247}^2\ \Phi_{57}\ \Phi_{39}\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
52174	992	288	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{288}^4\ \Phi_{144}^4\ \Phi_{96}^3\ \Phi_{72}^4\ \Phi_{48}^3\ \Phi_{36}^4\ \Phi_{32}^2\ \Phi_{24}^3\ \Phi_{18}^4\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
52175	992	195	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^4\ \Phi_{65}^8\ \Phi_{39}^3\ \Phi_{15}^4\ \Phi_{13}^6\ \Phi_5^8\ \Phi_3^4\ \Phi_1^8$
52176	992	399	$\frac{1}{19}$	$\frac{9}{133}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{399}^2\ \Phi_{133}^4\ \Phi_{57}\ \Phi_{21}^2\ \Phi_{19}^2\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
52177	992	561	$\frac{1}{17}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{561}^2\ \Phi_{187}^2\ \Phi_{51}$
52178	992	639	$\frac{1}{71}$	$\frac{143}{639}$	$\frac{70}{213}$	$\frac{1}{3}$	$\Phi_{639}^2\ \Phi_{213}\ \Phi_9^2$
52179	992	1845	$\frac{2}{123}$	$\frac{1}{5}$	$\frac{121}{369}$	$\frac{1}{3}$	$\Phi_{1845}\ \Phi_{45}\ \Phi_{15}$
52180	992	735	$\frac{6}{245}$	$\frac{1}{7}$	$\frac{239}{735}$	$\frac{1}{3}$	$\Phi_{735}\ \Phi_{245}^2\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
52181	992	765	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{765}^2\ \Phi_{153}^2\ \Phi_{51}$
52182	992	1440	$\frac{1}{32}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
52183	992	615	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{10}{41}$	$\frac{1}{3}$	$\Phi_{615}^3\ \Phi_{15}^4$
52184	992	1491	$\frac{13}{497}$	$\frac{94}{497}$	$\frac{121}{497}$	$\frac{1}{3}$	$\Phi_{1491}\ \Phi_{213}\ \Phi_{21}$
52185	992	1023	$\frac{2}{33}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{1023}\ \Phi_{341}\ \Phi_{33}^2\ \Phi_{31}\ \Phi_{11}^2\ \Phi_1^2$
52186	992	2040	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{408}\ \Phi_{204}\ \Phi_{51}$
52187	992	480	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{120}^3\ \Phi_{96}^4\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_6^4$
52188	992	1785	$\frac{1}{17}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{51}$
52189	992	495	$\frac{2}{33}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{495}^3\ \Phi_{165}^2\ \Phi_{55}^2\ \Phi_{45}\ \Phi_{15}$
52190	992	1275	$\frac{1}{17}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{51}$
52191	992	525	$\frac{29}{525}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
52192	992	612	$\frac{1}{17}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{153}^2\ \Phi_{68}^2\ \Phi_{51}$
52193	992	147	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{23}{147}$	$\frac{1}{3}$	$\Phi_{147}^6\ \Phi_{49}^8\ \Phi_{21}^7\ \Phi_7^8\ \Phi_3^6\ \Phi_1^8$
52194	992	1617	$\frac{43}{539}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1617}\ \Phi_{231}\ \Phi_{33}\ \Phi_{21}$
52195	992	105	$\frac{3}{35}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{105}^{14}\ \Phi_{21}^{15}\ \Phi_{15}^{14}\ \Phi_3^{14}$
52196	992	213	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{1}{3}$	$\Phi_{213}^7\ \Phi_3^6$
52197	992	1395	$\frac{1}{15}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{14}{45}$	$\Phi_{1395}\ \Phi_{279}\ \Phi_{45}^2\ \Phi_{31}\ \Phi_9^2\ \Phi_1^2$
52198	992	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{14}{45}$	$\Phi_{45}^{21}\ \Phi_{15}^{25}\ \Phi_9^{20}\ \Phi_5^{24}\ \Phi_3^{24}\ \Phi_1^{24}$
52199	992	1377	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{1377}\ \Phi_{153}\ \Phi_{51}$
52200	992	135	$\frac{11}{135}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{135}^8\ \Phi_{45}^6\ \Phi_{27}^8\ \Phi_{15}^7\ \Phi_9^5\ \Phi_5^6\ \Phi_3^6\ \Phi_1^6$
52201	992	714	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{119}\ \Phi_{102}^2\ \Phi_{51}^2$
52202	992	1240	$\frac{3}{31}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{7}{31}$	$\Phi_{1240}\ \Phi_{620}\ \Phi_{248}\ \Phi_{124}\ \Phi_{40}^2\ \Phi_{31}\ \Phi_{20}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
52203	992	1085	$\frac{3}{31}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{7}{31}$	$\Phi_{1085}\ \Phi_{217}\ \Phi_{35}^2\ \Phi_{31}\ \Phi_7^2\ \Phi_1^2$
52204	992	1116	$\frac{3}{31}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{7}{31}$	$\Phi_{1116}\ \Phi_{558}\ \Phi_{372}\ \Phi_{279}\ \Phi_{124}\ \Phi_{36}^2\ \Phi_{31}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_4^2\ \Phi_1^2$
52205	992	360	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{9}{40}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{45}\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{15}\ \Phi_{12}^4$
52206	992	315	$\frac{1}{9}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{45}\ \Phi_{21}^4\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
52207	992	225	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{5}$	$\Phi_{225}^6\ \Phi_{75}^4\ \Phi_{45}\ \Phi_{25}^4\ \Phi_{15}$
52208	992	180	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{180}^8\ \Phi_{90}^5\ \Phi_{60}^8\ \Phi_{45}^6\ \Phi_{30}^6\ \Phi_{20}^8\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_5^6$
52209	993	1328	$\frac{3}{332}$	$\frac{1}{4}$	$\frac{335}{1328}$	$\frac{329}{664}$	$\Phi_{1328}\ \Phi_{332}\ \Phi_{166}\ \Phi_{83}\ \Phi_{16}\ \Phi_1$
52210	993	656	$\frac{3}{328}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{325}{656}$	$\Phi_{656}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
52211	993	640	$\frac{1}{32}$	$\frac{11}{320}$	$\frac{309}{640}$	$\frac{31}{64}$	$\Phi_{640}^3\ \Phi_{128}^3\ \Phi_{64}\ \Phi_1$
52212	993	1280	$\frac{1}{32}$	$\frac{33}{320}$	$\frac{287}{1280}$	$\frac{31}{64}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_1$
52213	993	384	$\frac{1}{32}$	$\frac{53}{384}$	$\frac{11}{64}$	$\frac{31}{64}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^3\ \Phi_{96}^3\ \Phi_{64}\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
52214	993	640	$\frac{11}{320}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{309}{640}$	$\Phi_{640}^3\ \Phi_{128}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
52215	993	640	$\frac{11}{320}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{309}{640}$	$\Phi_{640}^3\ \Phi_{128}^3\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
52216	993	400	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{69}{400}$	$\frac{193}{400}$	$\Phi_{400}^2\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{80}^2\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
52217	993	448	$\frac{5}{112}$	$\frac{1}{16}$	$\frac{117}{448}$	$\frac{107}{224}$	$\Phi_{448}^3\ \Phi_{112}^3\ \Phi_{64}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_8^2\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
52218	993	620	$\frac{1}{31}$	$\frac{21}{310}$	$\frac{10}{31}$	$\frac{289}{620}$	$\Phi_{620}^3\ \Phi_{124}^3\ \Phi_{31}^2\ \Phi_{20}^3\ \Phi_4^3\ \Phi_1^3$
52219	993	1364	$\frac{1}{31}$	$\frac{30}{341}$	$\frac{371}{1364}$	$\frac{311}{682}$	$\Phi_{1364}\ \Phi_{341}\ \Phi_{124}\ \Phi_{44}\ \Phi_{11}\ \Phi_4\ \Phi_1$
52220	993	384	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{53}{384}$	$\frac{43}{96}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
52221	993	1792	$\frac{1}{32}$	$\frac{97}{896}$	$\frac{31}{128}$	$\frac{799}{1792}$	$\Phi_{1792}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_1$
52222	993	1792	$\frac{1}{16}$	$\frac{97}{896}$	$\frac{15}{112}$	$\frac{799}{1792}$	$\Phi_{1792}\ \Phi_{256}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
52223	993	1120	$\frac{1}{16}$	$\frac{127}{1120}$	$\frac{15}{112}$	$\frac{97}{224}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
52224	993	576	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{43}{288}$	$\frac{245}{576}$	$\Phi_{576}^3\ \Phi_{192}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
52225	993	1040	$\frac{47}{1040}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_1$
52226	993	1600	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{193}{800}$	$\frac{607}{1600}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{200}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
52227	993	336	$\frac{5}{336}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
52228	993	341	$\frac{10}{341}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{341}^3\ \Phi_{31}^2\ \Phi_{11}^3\ \Phi_1^3$
52229	993	512	$\frac{1}{32}$	$\frac{31}{256}$	$\frac{75}{256}$	$\frac{181}{512}$	$\Phi_{512}^3\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_1$
52230	993	352	$\frac{21}{352}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{352}^3\ \Phi_{176}^3\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{16}^2\ \Phi_{11}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
52231	993	372	$\frac{1}{31}$	$\frac{41}{372}$	$\frac{10}{31}$	$\frac{21}{62}$	$\Phi_{372}^3\ \Phi_{186}^3\ \Phi_{124}^3\ \Phi_{93}^3\ \Phi_{31}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
52232	993	996	$\frac{1}{83}$	$\frac{1}{4}$	$\frac{82}{249}$	$\frac{167}{498}$	$\Phi_{996}\ \Phi_{332}^2\ \Phi_{249}\ \Phi_{166}\ \Phi_{83}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
52233	993	496	$\frac{1}{124}$	$\frac{41}{124}$	$\frac{165}{496}$	$\frac{83}{248}$	$\Phi_{496}^3\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
52234	993	492	$\frac{3}{164}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{161}{492}$	$\Phi_{492}^3\ \Phi_{246}^3\ \Phi_{123}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
52235	993	465	$\frac{1}{31}$	$\frac{21}{155}$	$\frac{134}{465}$	$\frac{10}{31}$	$\Phi_{465}^3\ \Phi_{93}^3\ \Phi_{31}^2\ \Phi_{15}^3\ \Phi_3^3\ \Phi_1^3$
52236	993	480	$\frac{1}{16}$	$\frac{11}{160}$	$\frac{149}{480}$	$\frac{5}{16}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
52237	993	400	$\frac{1}{16}$	$\frac{11}{80}$	$\frac{69}{400}$	$\frac{5}{16}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
52238	993	384	$\frac{1}{16}$	$\frac{53}{384}$	$\frac{11}{64}$	$\frac{5}{16}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
52239	993	480	$\frac{11}{160}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{149}{480}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_6^3\ \Phi_5\ \Phi_3^3\ \Phi_1$
52240	993	432	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{101}{432}$	$\frac{43}{144}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{48}^3\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
52241	993	360	$\frac{29}{360}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_9^3\ \Phi_6^3\ \Phi_5\ \Phi_3^3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
52242	993	448	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{97}{448}$	$\frac{117}{448}$	$\Phi_{448}^2\ \Phi_{224}^2\ \Phi_{112}^3\ \Phi_{64}^2\ \Phi_{56}^3\ \Phi_{32}^2\ \Phi_{28}^3\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_{8}^2\ \Phi_{7}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
52243	993	1280	$\frac{33}{320}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{287}{1280}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{256}\ \Phi_{128}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
52244	993	1120	$\frac{127}{1120}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{160}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
52245	993	400	$\frac{1}{8}$	$\frac{11}{80}$	$\frac{69}{400}$	$\frac{7}{40}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{40}\ \Phi_{25}^3\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
52246	994	990	$\frac{2}{495}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{493}{990}$	$\Phi_{990}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{110}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
52247	994	1992	$\frac{1}{166}$	$\frac{167}{664}$	$\frac{1}{3}$	$\frac{165}{332}$	$\Phi_{1992}\ \Phi_{498}\ \Phi_{249}\ \Phi_{24}\ \Phi_{6}$
52248	994	564	$\frac{1}{141}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{70}{141}$	$\Phi_{564}^3\ \Phi_{188}^3\ \Phi_{141}\ \Phi_{47}\ \Phi_{12}^4\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{1}^2$
52249	994	423	$\frac{1}{141}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{70}{141}$	$\Phi_{423}^3\ \Phi_{141}\ \Phi_{47}\ \Phi_{9}^4\ \Phi_{3}\ \Phi_{1}^2$
52250	994	984	$\frac{5}{492}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{487}{984}$	$\Phi_{984}^2\ \Phi_{328}^2\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
52251	994	1820	$\frac{1}{70}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{69}{140}$	$\Phi_{1820}\ \Phi_{364}\ \Phi_{260}\ \Phi_{140}^2\ \Phi_{52}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{4}^2\ \Phi_{1}^2$
52252	994	840	$\frac{1}{70}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{69}{140}$	$\Phi_{840}^2\ \Phi_{420}\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{6}^3\ \Phi_{3}^2$
52253	994	690	$\frac{2}{69}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{690}^3\ \Phi_{230}^3\ \Phi_{138}^2\ \Phi_{46}^2\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
52254	994	480	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{480}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^2\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
52255	994	2040	$\frac{3}{68}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
52256	994	660	$\frac{1}{15}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{660}^3\ \Phi_{220}^3\ \Phi_{132}^2\ \Phi_{60}^3\ \Phi_{44}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
52257	994	264	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{61}{132}$	$\Phi_{264}^4\ \Phi_{132}^2\ \Phi_{88}^5\ \Phi_{66}^4\ \Phi_{44}^3\ \Phi_{33}^4\ \Phi_{24}^4\ \Phi_{22}^5\ \Phi_{12}^2\ \Phi_{11}^4\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
52258	994	1365	$\frac{1}{35}$	$\frac{1}{13}$	$\frac{34}{105}$	$\frac{6}{13}$	$\Phi_{1365}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}^2\ \Phi_{39}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{3}^2\ \Phi_{1}^2$
52259	994	975	$\frac{4}{75}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{195}\ \Phi_{75}^2\ \Phi_{39}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{3}^2\ \Phi_{1}^2$
52260	994	1092	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{13}{84}$	$\frac{6}{13}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{156}\ \Phi_{84}^2\ \Phi_{78}\ \Phi_{52}\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
52261	994	1001	$\frac{1}{13}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{1001}\ \Phi_{143}\ \Phi_{77}^2\ \Phi_{13}\ \Phi_{11}^2\ \Phi_{1}^2$
52262	994	312	$\frac{1}{13}$	$\frac{7}{78}$	$\frac{1}{8}$	$\frac{6}{13}$	$\Phi_{312}^4\ \Phi_{156}^4\ \Phi_{104}^3\ \Phi_{78}^2\ \Phi_{52}^3\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{24}^4\ \Phi_{13}^2\ \Phi_{12}^4\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
52263	994	1040	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{6}{13}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}\ \Phi_{104}\ \Phi_{80}^2\ \Phi_{52}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{1}^2$
52264	994	616	$\frac{6}{77}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{616}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{88}\ \Phi_{56}^2\ \Phi_{44}\ \Phi_{28}^2\ \Phi_{22}\ \Phi_{14}^2$
52265	994	520	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{8}$	$\frac{59}{130}$	$\Phi_{520}^2\ \Phi_{260}^2\ \Phi_{104}^3\ \Phi_{65}^2\ \Phi_{52}^3\ \Phi_{40}^2\ \Phi_{26}\ \Phi_{20}^2\ \Phi_{13}^2\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
52266	994	1920	$\frac{1}{15}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
52267	994	240	$\frac{1}{15}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{240}^4\ \Phi_{120}^5\ \Phi_{80}^3\ \Phi_{60}^5\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{6}^5\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
52268	994	630	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{630}^3\ \Phi_{210}^3\ \Phi_{126}^2\ \Phi_{90}^3\ \Phi_{70}^3\ \Phi_{45}^3\ \Phi_{42}^2\ \Phi_{30}^3\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
52269	994	72	$\frac{1}{72}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{72}^{14}\ \Phi_{36}^{14}\ \Phi_{24}^{14}\ \Phi_{18}^{14}\ \Phi_{12}^{12}\ \Phi_{9}^{14}\ \Phi_{8}^{14}\ \Phi_{6}^{14}\ \Phi_{4}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
52270	994	564	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{23}{94}$	$\frac{5}{12}$	$\Phi_{564}^3\ \Phi_{188}^3\ \Phi_{94}^2\ \Phi_{47}\ \Phi_{12}^4\ \Phi_{4}^4\ \Phi_{2}^2\ \Phi_{1}^2$
52271	994	120	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{120}^{14}\ \Phi_{60}^3\ \Phi_{40}^{14}\ \Phi_{30}^3\ \Phi_{24}^{14}\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_{8}^{14}\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
52272	994	2490	$\frac{1}{83}$	$\frac{82}{415}$	$\frac{1}{3}$	$\frac{333}{830}$	$\Phi_{2490}\ \Phi_{498}\ \Phi_{249}\ \Phi_{30}\ \Phi_{6}$
52273	994	360	$\frac{1}{72}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^2\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
52274	994	540	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{540}^3\ \Phi_{180}^3\ \Phi_{108}^2\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
52275	994	747	$\frac{2}{249}$	$\frac{247}{747}$	$\frac{1}{3}$	$\frac{250}{747}$	$\Phi_{747}\ \Phi_{249}^2\ \Phi_{83}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
52276	994	660	$\frac{2}{165}$	$\frac{163}{660}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{44}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
52277	994	72	$\frac{1}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{72}^{14}\ \Phi_{36}^{14}\ \Phi_{24}^{14}\ \Phi_{18}^{14}\ \Phi_{12}^{14}\ \Phi_9^{12}\ \Phi_8^{14}\ \Phi_6^{14}\ \Phi_4^{14}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
52278	994	594	$\frac{2}{99}$	$\frac{97}{594}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
52279	994	510	$\frac{13}{510}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{510}^2\ \Phi_{255}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{17}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
52280	994	540	$\frac{2}{45}$	$\frac{43}{540}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
52281	994	528	$\frac{31}{528}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
52282	994	423	$\frac{2}{141}$	$\frac{2}{9}$	$\frac{139}{423}$	$\frac{1}{3}$	$\Phi_{423}^2\ \Phi_{141}^3\ \Phi_{47}^3\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
52283	994	738	$\frac{5}{246}$	$\frac{1}{6}$	$\frac{241}{738}$	$\frac{1}{3}$	$\Phi_{738}^2\ \Phi_{369}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
52284	994	840	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{34}{105}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
52285	994	846	$\frac{1}{47}$	$\frac{2}{9}$	$\frac{23}{94}$	$\frac{1}{3}$	$\Phi_{846}^2\ \Phi_{423}\ \Phi_{94}^2\ \Phi_{47}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
52286	994	600	$\frac{4}{75}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}\ \Phi_{100}^2\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
52287	994	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{84}$	$\frac{1}{3}$	$\Phi_{168}^6\ \Phi_{84}^4\ \Phi_{56}^8\ \Phi_{42}^5\ \Phi_{28}^6\ \Phi_{24}^7\ \Phi_{21}^5\ \Phi_{14}^6\ \Phi_{12}^5\ \Phi_8^8\ \Phi_7^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
52288	994	1848	$\frac{6}{77}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
52289	994	240	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{240}^7\ \Phi_{120}^5\ \Phi_{60}^5\ \Phi_{48}^7\ \Phi_{30}^6\ \Phi_{24}^6\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_6^7\ \Phi_3^6$
52290	994	1320	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{23}{165}$	$\frac{10}{33}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{60}\ \Phi_{44}\ \Phi_{40}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
52291	994	792	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{33}$	$\frac{28}{99}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{88}\ \Phi_{72}^2\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{22}\ \Phi_{18}^2$
52292	994	1560	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{12}{65}$	$\frac{53}{195}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}\ \Phi_{30}\ \Phi_{26}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
52293	994	480	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^3\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{60}^3\ \Phi_{48}\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
52294	994	88	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{17}{88}$	$\frac{5}{22}$	$\Phi_{88}^{11}\ \Phi_{44}^{11}\ \Phi_{22}^{13}\ \Phi_{11}^{12}\ \Phi_8^{10}\ \Phi_4^{10}\ \Phi_2^{12}\ \Phi_1^{12}$
52295	995	792	$\frac{1}{198}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{197}{396}$	$\Phi_{792}^2\ \Phi_{396}\ \Phi_{264}^2\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{44}\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
52296	995	1704	$\frac{1}{142}$	$\frac{143}{852}$	$\frac{709}{1704}$	$\frac{141}{284}$	$\Phi_{1704}\ \Phi_{568}\ \Phi_{284}\ \Phi_{24}\ \Phi_8\ \Phi_4\ \Phi_1$
52297	995	392	$\frac{3}{196}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{193}{392}$	$\Phi_{392}^5\ \Phi_{56}^5\ \Phi_{28}\ \Phi_8^5\ \Phi_4\ \Phi_1$
52298	995	392	$\frac{3}{196}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{193}{392}$	$\Phi_{392}^5\ \Phi_{56}^5\ \Phi_8^5\ \Phi_7^2\ \Phi_1^3$
52299	995	1176	$\frac{3}{196}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{193}{392}$	$\Phi_{1176}^2\ \Phi_{392}\ \Phi_{168}^2\ \Phi_{56}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
52300	995	390	$\frac{4}{195}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{191}{390}$	$\Phi_{390}^2\ \Phi_{195}^3\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^3\ \Phi_{39}^3\ \Phi_{30}^3\ \Phi_{26}^2\ \Phi_{15}^4\ \Phi_{13}^3\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
52301	995	240	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{41}{240}$	$\frac{39}{80}$	$\Phi_{240}^3\ \Phi_{120}^5\ \Phi_{80}^4\ \Phi_{60}^5\ \Phi_{48}^3\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{16}^4\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
52302	995	1932	$\frac{29}{966}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{937}{1932}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{276}\ \Phi_{92}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
52303	995	384	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{185}{384}$	$\Phi_{384}^5\ \Phi_{128}^5\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
52304	995	1344	$\frac{13}{336}$	$\frac{1}{14}$	$\frac{349}{1344}$	$\frac{323}{672}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
52305	995	1904	$\frac{43}{952}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{909}{1904}$	$\Phi_{1904}\ \Phi_{272}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
52306	995	1140	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{181}{380}$	$\Phi_{1140}^2\ \Phi_{380}\ \Phi_{228}^2\ \Phi_{76}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
52307	995	1092	$\frac{6}{91}$	$\frac{97}{1092}$	$\frac{1}{7}$	$\frac{85}{182}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}\ \Phi_{21}\ \Phi_{13}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
52308	995	1176	$\frac{1}{14}$	$\frac{15}{196}$	$\frac{181}{1176}$	$\frac{13}{28}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
52309	995	224	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{25}{224}$	$\frac{13}{28}$	$\Phi_{224}^5\ \Phi_{112}^5\ \Phi_{56}^5\ \Phi_{32}^5\ \Phi_{28}\ \Phi_{16}^5\ \Phi_8^5\ \Phi_4\ \Phi_1$
52310	995	1848	$\frac{1}{14}$	$\frac{71}{924}$	$\frac{13}{84}$	$\frac{853}{1848}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{168}\ \Phi_{88}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
52311	995	1848	$\frac{71}{924}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{853}{1848}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{168}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{24}\ \Phi_{11}\ \Phi_8\ \Phi_1$
52312	995	1078	$\frac{83}{1078}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{154}$	$\Phi_{1078}\ \Phi_{539}\ \Phi_{98}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_1$
52313	995	364	$\frac{6}{91}$	$\frac{17}{182}$	$\frac{1}{7}$	$\frac{165}{364}$	$\Phi_{364}^5\ \Phi_{91}\ \Phi_{52}^5\ \Phi_{28}^5\ \Phi_{13}\ \Phi_4^5\ \Phi_1$
52314	995	360	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{1}{6}$	$\frac{161}{360}$	$\Phi_{360}^5\ \Phi_{120}^5\ \Phi_{72}^5\ \Phi_{60}^2\ \Phi_{40}^5\ \Phi_{30}^2\ \Phi_{24}^5\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8^5\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
52315	995	1792	$\frac{1}{14}$	$\frac{99}{896}$	$\frac{13}{112}$	$\frac{797}{1792}$	$\Phi_{1792}\ \Phi_{256}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
52316	995	224	$\frac{1}{14}$	$\frac{25}{224}$	$\frac{13}{112}$	$\frac{99}{224}$	$\Phi_{224}^4\ \Phi_{112}^5\ \Phi_{56}^5\ \Phi_{32}^4\ \Phi_{28}^5\ \Phi_{16}^5\ \Phi_{14}^4\ \Phi_8^5\ \Phi_7^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
52317	995	624	$\frac{9}{208}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}\ \Phi_{156}^2\ \Phi_{104}\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{24}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
52318	995	1764	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{113}{882}$	$\frac{769}{1764}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{252}\ \Phi_{196}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
52319	995	1050	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{1}{6}$	$\frac{151}{350}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}^2\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{50}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
52320	995	203	$\frac{4}{203}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{203}^5\ \Phi_{29}^5\ \Phi_7^2\ \Phi_1^3$
52321	995	1704	$\frac{1}{71}$	$\frac{143}{852}$	$\frac{70}{213}$	$\frac{709}{1704}$	$\Phi_{1704}\ \Phi_{568}\ \Phi_{213}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
52322	995	213	$\frac{14}{213}$	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{29}{71}$	$\Phi_{213}^5\ \Phi_{71}^4\ \Phi_3^5\ \Phi_1^5$
52323	995	336	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{31}{168}$	$\frac{137}{336}$	$\Phi_{336}^5\ \Phi_{168}\ \Phi_{112}^5\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}^5\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}^5\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
52324	995	284	$\frac{1}{71}$	$\frac{14}{71}$	$\frac{85}{284}$	$\frac{57}{142}$	$\Phi_{284}^5\ \Phi_{71}^4\ \Phi_4^5\ \Phi_1^5$
52325	995	960	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{39}{160}$	$\frac{121}{320}$	$\Phi_{960}^2\ \Phi_{320}\ \Phi_{192}^2\ \Phi_{120}^2\ \Phi_{64}\ \Phi_{60}^2\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
52326	995	1608	$\frac{2}{201}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1608}\ \Phi_{536}\ \Phi_{201}\ \Phi_{67}\ \Phi_8\ \Phi_1$
52327	995	2376	$\frac{1}{99}$	$\frac{1}{4}$	$\frac{98}{297}$	$\frac{3}{8}$	$\Phi_{2376}\ \Phi_{297}\ \Phi_{216}\ \Phi_{27}\ \Phi_8\ \Phi_1$
52328	995	264	$\frac{1}{66}$	$\frac{65}{264}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^3\ \Phi_{132}^5\ \Phi_{88}^3\ \Phi_{66}^4\ \Phi_{44}^5\ \Phi_{33}^4\ \Phi_{24}^3\ \Phi_{22}^4\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
52329	995	408	$\frac{5}{204}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^4\ \Phi_{204}\ \Phi_{136}^4\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
52330	995	1848	$\frac{1}{33}$	$\frac{32}{231}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{231}\ \Phi_{168}\ \Phi_{77}\ \Phi_{56}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$
52331	995	1656	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{207}\ \Phi_{184}\ \Phi_{69}\ \Phi_{23}\ \Phi_8\ \Phi_1$
52332	995	440	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^4\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}^2\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}^4\ \Phi_{20}\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
52333	995	1672	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1672}\ \Phi_{209}\ \Phi_{152}\ \Phi_{19}\ \Phi_8\ \Phi_1$
52334	995	216	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^5\ \Phi_{108}^5\ \Phi_{72}^3\ \Phi_{54}^5\ \Phi_{36}^5\ \Phi_{27}^5\ \Phi_{24}^3\ \Phi_{18}^4\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
52335	995	1512	$\frac{13}{252}$	$\frac{1}{14}$	$\frac{239}{756}$	$\frac{517}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
52336	995	300	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{49}{150}$	$\frac{101}{300}$	$\Phi_{300}^5\ \Phi_{150}^2\ \Phi_{100}^5\ \Phi_{75}^2\ \Phi_{60}^5\ \Phi_{50}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{20}^5\ \Phi_{15}^2\ \Phi_{12}^5\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4^5\ \Phi_3\ \Phi_1$
52337	995	1278	$\frac{1}{71}$	$\frac{283}{1278}$	$\frac{70}{213}$	$\frac{143}{426}$	$\Phi_{1278}\ \Phi_{639}\ \Phi_{213}\ \Phi_{18}\ \Phi_9\ \Phi_3\ \Phi_1$
52338	995	294	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{95}{294}$	$\Phi_{294}^5\ \Phi_{147}^5\ \Phi_{42}^5\ \Phi_{21}^5\ \Phi_7^2\ \Phi_6^5\ \Phi_3^5\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
52339	995	240	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{41}{240}$	$\frac{19}{60}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{60}^2\ \Phi_{48}^5\ \Phi_{40}^5\ \Phi_{30}^2\ \Phi_{24}^5\ \Phi_{20}\ \Phi_{16}^5\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8^5\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
52340	995	288	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{89}{288}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{72}^5\ \Phi_{36}^5\ \Phi_{24}^2\ \Phi_{18}^5\ \Phi_{12}^2\ \Phi_9^5\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
52341	995	231	$\frac{6}{77}$	$\frac{32}{231}$	$\frac{1}{7}$	$\frac{71}{231}$	$\Phi_{231}^4\ \Phi_{77}^5\ \Phi_{33}^4\ \Phi_{21}^4\ \Phi_{11}^5\ \Phi_7^4\ \Phi_3^4\ \Phi_1^5$
52342	995	216	$\frac{17}{216}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{216}^5\ \Phi_{108}^5\ \Phi_{72}^5\ \Phi_{54}^5\ \Phi_{36}^5\ \Phi_{27}^5\ \Phi_{24}^2\ \Phi_{18}^5\ \Phi_{12}^2\ \Phi_9^5\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
52343	995	210	$\frac{11}{210}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{210}^5\ \Phi_{105}^5\ \Phi_{70}^5\ \Phi_{42}^5\ \Phi_{35}^5\ \Phi_{30}^5\ \Phi_{21}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_7^2\ \Phi_6^5\ \Phi_5^5\ \Phi_3^5\ \Phi_1^3$
52344	995	245	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{46}{245}$	$\frac{2}{7}$	$\Phi_{245}^5\ \Phi_{35}^5\ \Phi_7^2\ \Phi_5^5\ \Phi_1^3$
52345	995	224	$\frac{3}{28}$	$\frac{25}{224}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{224}^5\ \Phi_{112}^5\ \Phi_{56}^5\ \Phi_{32}^5\ \Phi_{16}^5\ \Phi_8^5\ \Phi_7^2\ \Phi_1^3$
52346	995	1386	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{462}$	$\frac{391}{1386}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
52347	995	273	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{17}{91}$	$\frac{74}{273}$	$\Phi_{273}^5\ \Phi_{91}\ \Phi_{39}^5\ \Phi_{21}^5\ \Phi_{13}\ \Phi_3^5\ \Phi_1$
52348	995	210	$\frac{11}{210}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{210}^5\ \Phi_{105}^5\ \Phi_{70}^5\ \Phi_{42}^5\ \Phi_{35}^5\ \Phi_{30}^3\ \Phi_{21}^5\ \Phi_{15}^4\ \Phi_{14}^5\ \Phi_{10}^3\ \Phi_7^5\ \Phi_6^2\ \Phi_5^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
52349	995	1344	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{99}{448}$	$\frac{349}{1344}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
52350	995	672	$\frac{3}{28}$	$\frac{25}{224}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}\ \Phi_{168}^2\ \Phi_{112}\ \Phi_{96}^2\ \Phi_{56}\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
52351	995	780	$\frac{4}{65}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{61}{260}$	$\Phi_{780}^2\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
52352	995	1232	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{237}{1232}$	$\frac{71}{308}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{176}\ \Phi_{112}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
52353	995	768	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{57}{256}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}\ \Phi_{128}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
52354	995	672	$\frac{25}{224}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{32}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}\ \Phi_{168}^2\ \Phi_{112}\ \Phi_{84}^2\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
52355	995	240	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{41}{240}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{60}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^2\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^2\ \Phi_{10}^5\ \Phi_8\ \Phi_6\ \Phi_5^5\ \Phi_4\ \Phi_3\ \Phi_1$
52356	996	1488	$\frac{1}{248}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{247}{496}$	$\Phi_{1488}\ \Phi_{496}^2\ \Phi_{48}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
52357	996	398	$\frac{1}{199}$	$\frac{50}{199}$	$\frac{149}{398}$	$\frac{99}{199}$	$\Phi_{398}^4\ \Phi_{199}\ \Phi_2^4\ \Phi_1^2$
52358	996	165	$\frac{1}{165}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{82}{165}$	$\Phi_{165}^6\ \Phi_{55}^6\ \Phi_{33}^6\ \Phi_{15}^6\ \Phi_{11}^6\ \Phi_5^7\ \Phi_3^6\ \Phi_1^8$
52359	996	660	$\frac{1}{165}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{82}{165}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{44}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
52360	996	995	$\frac{7}{995}$	$\frac{167}{995}$	$\frac{414}{995}$	$\frac{494}{995}$	$\Phi_{995}\ \Phi_{199}\ \Phi_5\ \Phi_1^2$
52361	996	444	$\frac{1}{111}$	$\frac{1}{4}$	$\frac{28}{111}$	$\frac{55}{111}$	$\Phi_{444}^3\ \Phi_{222}^3\ \Phi_{148}^3\ \Phi_{74}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
52362	996	995	$\frac{9}{995}$	$\frac{248}{995}$	$\frac{251}{995}$	$\frac{493}{995}$	$\Phi_{995}\ \Phi_{199}\ \Phi_5\ \Phi_1^2$
52363	996	1497	$\frac{5}{499}$	$\frac{84}{499}$	$\frac{1}{3}$	$\frac{247}{499}$	Φ_{1497}
52364	996	1804	$\frac{1}{82}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{81}{164}$	$\Phi_{1804}\ \Phi_{164}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
52365	996	3444	$\frac{1}{82}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{81}{164}$	$\Phi_{3444}\ \Phi_{84}\ \Phi_{21}$
52366	996	1804	$\frac{1}{82}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{81}{164}$	$\Phi_{1804}\ \Phi_{164}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
52367	996	820	$\frac{1}{82}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{81}{164}$	$\Phi_{820}\ \Phi_{410}^2\ \Phi_{205}^2\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
52368	996	490	$\frac{4}{245}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{241}{490}$	$\Phi_{490}^4\ \Phi_{98}^4\ \Phi_{70}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
52369	996	100	$\frac{1}{50}$	$\frac{17}{100}$	$\frac{1}{5}$	$\frac{49}{100}$	$\Phi_{100}^8\ \Phi_{50}^{12}\ \Phi_{25}^{12}\ \Phi_{20}^8\ \Phi_{10}^{12}\ \Phi_5^{11}\ \Phi_4^8\ \Phi_2^{12}\ \Phi_1^{12}$
52370	996	325	$\frac{7}{325}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{159}{325}$	$\Phi_{325}^3\ \Phi_{65}^3\ \Phi_{25}^4\ \Phi_{13}^3\ \Phi_5^3\ \Phi_1^4$
52371	996	2106	$\frac{2}{81}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{2106}\ \Phi_{702}\ \Phi_{234}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
52372	996	324	$\frac{2}{81}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{79}{162}$	$\Phi_{324}^4\ \Phi_{108}^4\ \Phi_{81}^4\ \Phi_{36}^5\ \Phi_{27}^4\ \Phi_{18}\ \Phi_{12}^5\ \Phi_9^4\ \Phi_6\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
52373	996	199	$\frac{5}{199}$	$\frac{33}{199}$	$\frac{34}{199}$	$\frac{97}{199}$	$\Phi_{199}^5\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
52374	996	740	$\frac{1}{37}$	$\frac{19}{185}$	$\frac{1}{4}$	$\frac{18}{37}$	$\Phi_{740}^2\ \Phi_{370}^2\ \Phi_{148}\ \Phi_{74}\ \Phi_{20}^2\ \Phi_{10}^2$
52375	996	1456	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{1456}\ \Phi_{364}\ \Phi_{208}\ \Phi_{182}\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}$
52376	996	2080	$\frac{3}{80}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{52}\ \Phi_{26}$
52377	996	160	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{77}{160}$	$\Phi_{160}^{12}\ \Phi_{32}^{12}\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
52378	996	475	$\frac{23}{475}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{226}{475}$	$\Phi_{475}^2\ \Phi_{95}^2\ \Phi_{25}^4\ \Phi_{19}^2\ \Phi_5^3\ \Phi_1^4$
52379	996	156	$\frac{5}{78}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{73}{156}$	$\Phi_{156}^{12}\ \Phi_{78}\ \Phi_{52}^{12}\ \Phi_{39}\ \Phi_{26}\ \Phi_{12}^{12}\ \Phi_4^{12}$
52380	996	2002	$\frac{1}{13}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{154}$	$\Phi_{2002}\ \Phi_{286}\ \Phi_{182}\ \Phi_{91}\ \Phi_{26}$
52381	996	1248	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{11}{24}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{208}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
52382	996	1353	$\frac{1}{41}$	$\frac{1}{11}$	$\frac{40}{123}$	$\frac{5}{11}$	$\Phi_{1353}\ \Phi_{123}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
52383	996	260	$\frac{11}{260}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{260}^4\ \Phi_{130}^4\ \Phi_{65}^4\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
52384	996	150	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{1}{5}$	$\frac{67}{150}$	$\Phi_{150}^{12}\ \Phi_{50}^{12}\ \Phi_{30}^{12}\ \Phi_{25}^4\ \Phi_{10}^{12}\ \Phi_6^{12}\ \Phi_5^3\ \Phi_2^{12}\ \Phi_1^4$
52385	996	684	$\frac{5}{171}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
52386	996	148	$\frac{1}{37}$	$\frac{9}{74}$	$\frac{1}{4}$	$\frac{65}{148}$	$\Phi_{148}^5\ \Phi_{74}^9\ \Phi_{37}^8\ \Phi_4^4\ \Phi_2^8\ \Phi_1^8$
52387	996	875	$\frac{4}{125}$	$\frac{121}{875}$	$\frac{1}{5}$	$\frac{377}{875}$	$\Phi_{875}\ \Phi_{175}\ \Phi_{125}^2\ \Phi_{35}\ \Phi_{25}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
52388	996	1872	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{144}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
52389	996	1820	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{13}{70}$	$\frac{57}{140}$	$\Phi_{1820}\ \Phi_{364}\ \Phi_{260}\ \Phi_{182}\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}$
52390	996	420	$\frac{1}{84}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^4\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^4\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^4\ \Phi_{21}^4$ $\Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_7^4\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
52391	996	110	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{27}{110}$	$\frac{2}{5}$	$\Phi_{110}^{12}\ \Phi_{55}^6\ \Phi_{22}^{12}\ \Phi_{11}^6\ \Phi_{10}^{12}\ \Phi_5^7\ \Phi_2^{12}\ \Phi_1^8$
52392	996	85	$\frac{2}{85}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{85}^{12}\ \Phi_{17}^{12}\ \Phi_5^7\ \Phi_1^8$
52393	996	495	$\frac{1}{33}$	$\frac{16}{99}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{495}^2\ \Phi_{165}\ \Phi_{99}^4\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
52394	996	275	$\frac{3}{55}$	$\frac{26}{275}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{275}^4\ \Phi_{55}^2\ \Phi_{25}^4\ \Phi_{11}^2\ \Phi_5^3\ \Phi_1^4$
52395	996	440	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{440}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{88}^4\ \Phi_{55}\ \Phi_{44}^4\ \Phi_{40}^2\ \Phi_{22}^4\ \Phi_{20}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_8^4$ $\Phi_5^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
52396	996	90	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{90}^{12}\ \Phi_{45}^{12}\ \Phi_{30}^{12}\ \Phi_{18}^{12}\ \Phi_{15}^6\ \Phi_{10}^{12}\ \Phi_9^{12}\ \Phi_6^{12}\ \Phi_5^7\ \Phi_3^6\ \Phi_2^{12}\ \Phi_1^8$
52397	996	1092	$\frac{1}{84}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}\ \Phi_{91}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
52398	996	400	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{49}{200}$	$\frac{151}{400}$	$\Phi_{400}^4\ \Phi_{80}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
52399	996	1144	$\frac{5}{88}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1144}\ \Phi_{572}\ \Phi_{286}\ \Phi_{143}\ \Phi_{52}\ \Phi_{26}$
52400	996	398	$\frac{3}{199}$	$\frac{49}{199}$	$\frac{50}{199}$	$\frac{149}{398}$	$\Phi_{398}^4\ \Phi_{199}\ \Phi_2^4\ \Phi_1^2$
52401	996	1638	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{1638}\ \Phi_{546}\ \Phi_{273}\ \Phi_{234}\ \Phi_{182}\ \Phi_{91}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
52402	996	199	$\frac{4}{199}$	$\frac{33}{199}$	$\frac{65}{199}$	$\frac{67}{199}$	$\Phi_{199}^5\ \Phi_1^6$
52403	996	125	$\frac{2}{125}$	$\frac{1}{5}$	$\frac{41}{125}$	$\frac{42}{125}$	$\Phi_{125}^8\ \Phi_{25}^8\ \Phi_5^7\ \Phi_1^8$
52404	996	995	$\frac{8}{995}$	$\frac{329}{995}$	$\frac{331}{995}$	$\frac{333}{995}$	$\Phi_{995}\ \Phi_{199}\ \Phi_5\ \Phi_1^2$
52405	996	1497	$\frac{4}{499}$	$\frac{165}{499}$	$\frac{1}{3}$	$\frac{167}{499}$	Φ_{1497}
52406	996	372	$\frac{1}{124}$	$\frac{41}{124}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{372}^2\ \Phi_{186}^2\ \Phi_{124}^4\ \Phi_{93}^2\ \Phi_{62}^4\ \Phi_{31}^4\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
52407	996	84	$\frac{1}{84}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{84}^{12}\ \Phi_{42}^{12}\ \Phi_{28}^{12}\ \Phi_{21}^{12}\ \Phi_{14}^{12}\ \Phi_{12}^{11}\ \Phi_7^{12}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
52408	996	930	$\frac{1}{62}$	$\frac{61}{310}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{930}\ \Phi_{465}\ \Phi_{310}^2\ \Phi_{155}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
52409	996	768	$\frac{7}{256}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}^2\ \Phi_{192}\ \Phi_{128}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
52410	996	93	$\frac{1}{31}$	$\frac{10}{93}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{93}^{11}\ \Phi_{31}^{10}\ \Phi_3^{12}\ \Phi_1^{12}$
52411	996	1980	$\frac{2}{165}$	$\frac{1}{4}$	$\frac{163}{495}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{396}\ \Phi_{198}\ \Phi_{180}\ \Phi_{90}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
52412	996	861	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{40}{123}$	$\frac{1}{3}$	$\Phi_{861}\ \Phi_{287}^2\ \Phi_{21}^2\ \Phi_7^2$
52413	996	660	$\frac{1}{55}$	$\frac{27}{110}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^3\ \Phi_{330}\ \Phi_{165}^2\ \Phi_{132}^3\ \Phi_{66}\ \Phi_{60}^3\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
52414	996	1020	$\frac{2}{85}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
52415	996	396	$\frac{1}{33}$	$\frac{16}{99}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^4\ \Phi_{22}^2\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
52416	996	1380	$\frac{13}{345}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{276}\ \Phi_{230}\ \Phi_{138}\ \Phi_{92}\ \Phi_{46}\ \Phi_{12}\ \Phi_6$
52417	996	264	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{264}^6\ \Phi_{132}^5\ \Phi_{66}^5\ \Phi_{33}^6\ \Phi_{24}^6\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^6$
52418	996	1452	$\frac{2}{33}$	$\frac{31}{363}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{484}\ \Phi_{242}\ \Phi_{12}\ \Phi_6$
52419	996	180	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^8\ \Phi_{90}^4\ \Phi_{60}^6\ \Phi_{45}^4\ \Phi_{36}^8\ \Phi_{30}^2\ \Phi_{20}^6\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^7\ \Phi_{10}^2\ \Phi_9^4\ \Phi_6^3\ \Phi_5^4\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
52420	996	1404	$\frac{2}{27}$	$\frac{1}{13}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
52421	996	1170	$\frac{1}{13}$	$\frac{7}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}$
52422	996	1353	$\frac{1}{41}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{40}{123}$	$\Phi_{1353}\ \Phi_{123}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
52423	996	2460	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{40}{123}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
52424	996	100	$\frac{1}{25}$	$\frac{17}{100}$	$\frac{1}{5}$	$\frac{8}{25}$	$\Phi_{100}^{12}\ \Phi_{50}^{12}\ \Phi_{25}^4\ \Phi_{20}^{12}\ \Phi_{10}^{12}\ \Phi_5^3\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^4$
52425	996	972	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{77}{243}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
52426	996	1560	$\frac{3}{40}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
52427	996	120	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{37}{120}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{30}^{12}\ \Phi_{24}^{12}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_{10}^4\ \Phi_6^{12}\ \Phi_5^3\ \Phi_3^{12}\ \Phi_2^4\ \Phi_1^4$
52428	996	1404	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
52429	996	90	$\frac{7}{90}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{90}^{12}\ \Phi_{45}^{12}\ \Phi_{30}^{12}\ \Phi_{18}^{12}\ \Phi_{15}^{12}\ \Phi_{10}^4\ \Phi_9^{12}\ \Phi_6^{12}\ \Phi_5^3\ \Phi_3^{12}\ \Phi_2^4\ \Phi_1^4$
52430	996	1404	$\frac{19}{351}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
52431	996	175	$\frac{9}{175}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{175}^6\ \Phi_{35}^6\ \Phi_{25}^4\ \Phi_7^6\ \Phi_5^3\ \Phi_1^4$
52432	996	444	$\frac{1}{37}$	$\frac{9}{37}$	$\frac{1}{4}$	$\frac{28}{111}$	$\Phi_{444}^4\ \Phi_{222}^4\ \Phi_{148}\ \Phi_{74}\ \Phi_{12}^4\ \Phi_6^4$
52433	996	108	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{25}{108}$	$\frac{1}{4}$	$\Phi_{108}^8\ \Phi_{54}^8\ \Phi_{36}^9\ \Phi_{27}^{12}\ \Phi_{18}^9\ \Phi_{12}^9\ \Phi_9^{12}\ \Phi_6^9\ \Phi_4^8\ \Phi_3^{12}\ \Phi_2^8\ \Phi_1^{12}$
52434	996	180	$\frac{7}{90}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{180}^8\ \Phi_{90}^4\ \Phi_{60}^8\ \Phi_{45}^4\ \Phi_{36}^5\ \Phi_{30}^4\ \Phi_{20}^8\ \Phi_{18}\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6\ \Phi_5^4\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
52435	996	1248	$\frac{1}{13}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
52436	996	1620	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{405}$	$\frac{1}{4}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
52437	996	1300	$\frac{1}{13}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{325}\ \Phi_{52}\ \Phi_{26}$
52438	996	756	$\frac{1}{9}$	$\frac{23}{189}$	$\frac{4}{27}$	$\frac{1}{4}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{18}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_6$
52439	996	325	$\frac{21}{325}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{76}{325}$	$\Phi_{325}^3\ \Phi_{65}^3\ \Phi_{25}^4\ \Phi_{13}^3\ \Phi_5^3\ \Phi_1^4$
52440	996	280	$\frac{1}{10}$	$\frac{31}{280}$	$\frac{1}{5}$	$\frac{9}{40}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^4\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
52441	996	320	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{5}$	$\frac{71}{320}$	$\Phi_{320}^4\ \Phi_{160}^4\ \Phi_{64}^4\ \Phi_{32}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
52442	996	280	$\frac{31}{280}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
52443	996	100	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{5}$	$\Phi_{100}^{12}\ \Phi_{50}^{12}\ \Phi_{25}^{12}\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
52444	997	1984	$\frac{5}{992}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{987}{1984}$	$\Phi_{1984}\ \Phi_{64}\ \Phi_8\ \Phi_1$
52445	997	1332	$\frac{2}{333}$	$\frac{335}{1332}$	$\frac{1}{3}$	$\frac{331}{666}$	$\Phi_{1332}\ \Phi_{444}\ \Phi_{333}\ \Phi_{148}\ \Phi_{111}\ \Phi_{37}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
52446	997	1980	$\frac{7}{990}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{983}{1980}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{132}\ \Phi_{60}\ \Phi_{44}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
52447	997	1968	$\frac{13}{984}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{971}{1968}$	$\Phi_{1968}\ \Phi_{656}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
52448	997	1200	$\frac{3}{200}$	$\frac{203}{1200}$	$\frac{1}{4}$	$\frac{197}{400}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
52449	997	1960	$\frac{17}{980}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{963}{1960}$	$\Phi_{1960}\ \Phi_{392}\ \Phi_{280}\ \Phi_{56}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
52450	997	1110	$\frac{2}{111}$	$\frac{113}{1110}$	$\frac{1}{3}$	$\frac{109}{222}$	$\Phi_{1110}\ \Phi_{555}\ \Phi_{370}\ \Phi_{185}\ \Phi_{111}\ \Phi_{37}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
52451	997	1944	$\frac{25}{972}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{947}{1944}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{216}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
52452	997	1944	$\frac{25}{972}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{947}{1944}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{216}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
52453	997	1344	$\frac{11}{336}$	$\frac{1}{12}$	$\frac{347}{1344}$	$\frac{325}{672}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
52454	997	1920	$\frac{37}{960}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{923}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
52455	997	1920	$\frac{37}{960}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{923}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
52456	997	1872	$\frac{61}{936}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{875}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
52457	997	1026	$\frac{29}{1026}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1026}\ \Phi_{513}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}\ \Phi_{27}\ \Phi_{19}\ \Phi_{9}\ \Phi_{1}$
52458	997	1040	$\frac{43}{1040}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
52459	997	1152	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{155}{1152}$	$\frac{133}{288}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
52460	997	1848	$\frac{73}{924}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{851}{1848}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{168}\ \Phi_{88}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
52461	997	1800	$\frac{3}{100}$	$\frac{97}{900}$	$\frac{1}{4}$	$\frac{803}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}\ \Phi_{120}\ \Phi_{100}\ \Phi_{72}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
52462	997	1776	$\frac{2}{111}$	$\frac{109}{888}$	$\frac{1}{3}$	$\frac{779}{1776}$	$\Phi_{1776}\ \Phi_{592}\ \Phi_{111}\ \Phi_{48}\ \Phi_{37}\ \Phi_{16}\ \Phi_{1}$
52463	997	1728	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{133}{864}$	$\frac{731}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
52464	997	1680	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{157}{840}$	$\frac{683}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{80}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
52465	997	1008	$\frac{11}{1008}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
52466	997	1056	$\frac{59}{1056}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
52467	997	1600	$\frac{3}{200}$	$\frac{197}{800}$	$\frac{1}{4}$	$\frac{603}{1600}$	$\Phi_{1600}\ \Phi_{320}\ \Phi_{200}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
52468	997	1488	$\frac{5}{496}$	$\frac{1}{4}$	$\frac{491}{1488}$	$\frac{3}{8}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
52469	997	1008	$\frac{11}{1008}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
52470	997	1240	$\frac{5}{248}$	$\frac{243}{1240}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{155}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
52471	997	1024	$\frac{27}{1024}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{8}\ \Phi_{1}$
52472	997	1512	$\frac{11}{252}$	$\frac{1}{12}$	$\frac{241}{756}$	$\frac{515}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
52473	997	1485	$\frac{7}{495}$	$\frac{2}{9}$	$\frac{488}{1485}$	$\frac{1}{3}$	$\Phi_{1485}\ \Phi_{297}\ \Phi_{135}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
52474	997	1458	$\frac{25}{486}$	$\frac{2}{27}$	$\frac{461}{1458}$	$\frac{1}{3}$	$\Phi_{1458}\ \Phi_{729}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
52475	997	1053	$\frac{56}{1053}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{1053}\ \Phi_{351}\ \Phi_{117}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
52476	997	1332	$\frac{2}{111}$	$\frac{109}{444}$	$\frac{335}{1332}$	$\frac{1}{3}$	$\Phi_{1332}\ \Phi_{666}\ \Phi_{333}\ \Phi_{111}\ \Phi_{37}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
52477	997	1080	$\frac{2}{27}$	$\frac{83}{1080}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
52478	997	1296	$\frac{2}{27}$	$\frac{25}{324}$	$\frac{299}{1296}$	$\frac{1}{3}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
52479	997	1188	$\frac{7}{198}$	$\frac{191}{1188}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{132}\ \Phi_{108}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
52480	997	1035	$\frac{38}{1035}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}\ \Phi_{115}\ \Phi_{69}\ \Phi_{23}\ \Phi_9\ \Phi_1$
52481	997	1089	$\frac{7}{99}$	$\frac{92}{1089}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1089}\ \Phi_{363}\ \Phi_{121}\ \Phi_9\ \Phi_1$
52482	997	1080	$\frac{83}{1080}$	$\frac{7}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
52483	997	1215	$\frac{2}{27}$	$\frac{25}{243}$	$\frac{218}{1215}$	$\frac{1}{3}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
52484	997	1134	$\frac{2}{27}$	$\frac{137}{1134}$	$\frac{25}{162}$	$\frac{1}{3}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
52485	997	1200	$\frac{3}{100}$	$\frac{203}{1200}$	$\frac{1}{4}$	$\frac{97}{300}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
52486	997	1080	$\frac{3}{40}$	$\frac{83}{1080}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
52487	997	1296	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{299}{1296}$	$\frac{133}{432}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
52488	997	1440	$\frac{3}{40}$	$\frac{37}{480}$	$\frac{1}{4}$	$\frac{443}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
52489	997	1440	$\frac{37}{480}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{443}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
52490	997	1080	$\frac{83}{1080}$	$\frac{1}{12}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
52491	997	1296	$\frac{25}{324}$	$\frac{1}{12}$	$\frac{299}{1296}$	$\frac{11}{36}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
52492	997	1120	$\frac{3}{40}$	$\frac{123}{1120}$	$\frac{37}{160}$	$\frac{1}{4}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
52493	997	1280	$\frac{3}{40}$	$\frac{37}{320}$	$\frac{283}{1280}$	$\frac{1}{4}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{256}\ \Phi_{128}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
52494	997	1200	$\frac{3}{40}$	$\frac{37}{240}$	$\frac{203}{1200}$	$\frac{1}{4}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
52495	997	1120	$\frac{123}{1120}$	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
52496	997	1152	$\frac{1}{12}$	$\frac{155}{1152}$	$\frac{37}{192}$	$\frac{11}{48}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
52497	997	1200	$\frac{1}{12}$	$\frac{37}{240}$	$\frac{203}{1200}$	$\frac{11}{48}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
52498	998	2976	$\frac{3}{496}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{493}{992}$	$\Phi_{2976}\ \Phi_{96}\ \Phi_{12}\ \Phi_6$
52499	998	990	$\frac{4}{495}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{491}{990}$	$\Phi_{990}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{110}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
52500	998	600	$\frac{1}{100}$	$\frac{101}{600}$	$\frac{1}{3}$	$\frac{99}{200}$	$\Phi_{600}\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
52501	998	2940	$\frac{9}{490}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{481}{980}$	$\Phi_{2940}\ \Phi_{588}\ \Phi_{420}\ \Phi_{84}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
52502	998	960	$\frac{19}{480}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{461}{960}$	$\Phi_{960}^2\ \Phi_{320}^2\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
52503	998	1560	$\frac{21}{520}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{78}\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
52504	998	2850	$\frac{1}{25}$	$\frac{24}{475}$	$\frac{1}{3}$	$\frac{451}{950}$	$\Phi_{2850}\ \Phi_{570}\ \Phi_{150}\ \Phi_{114}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
52505	998	900	$\frac{1}{50}$	$\frac{49}{450}$	$\frac{1}{3}$	$\frac{401}{900}$	$\Phi_{900}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
52506	998	2400	$\frac{1}{100}$	$\frac{99}{400}$	$\frac{1}{3}$	$\frac{301}{800}$	$\Phi_{2400}\ \Phi_{480}\ \Phi_{300}\ \Phi_{150}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
52507	998	504	$\frac{5}{504}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
52508	998	750	$\frac{1}{125}$	$\frac{124}{375}$	$\frac{1}{3}$	$\frac{251}{750}$	$\Phi_{750}^2\ \Phi_{375}\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
52509	998	744	$\frac{3}{248}$	$\frac{1}{4}$	$\frac{245}{744}$	$\frac{1}{3}$	$\Phi_{744}\ \Phi_{372}\ \Phi_{248}^2\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{24}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
52510	998	600	$\frac{1}{50}$	$\frac{101}{600}$	$\frac{49}{150}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2$
52511	998	540	$\frac{1}{20}$	$\frac{41}{540}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
52512	998	720	$\frac{1}{20}$	$\frac{19}{240}$	$\frac{221}{720}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
52513	998	510	$\frac{11}{510}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{510}^2\ \Phi_{255}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{17}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
52514	998	1860	$\frac{3}{124}$	$\frac{121}{620}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{465}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
52515	998	1536	$\frac{13}{512}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{12}\ \Phi_6$
52516	998	660	$\frac{4}{165}$	$\frac{1}{5}$	$\frac{161}{660}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{44}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
52517	998	1680	$\frac{1}{20}$	$\frac{61}{560}$	$\frac{19}{80}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
52518	998	1920	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{141}{640}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{384}\ \Phi_{192}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
52519	998	1650	$\frac{4}{55}$	$\frac{51}{550}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{330}\ \Phi_{150}\ \Phi_{75}\ \Phi_{66}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
52520	998	540	$\frac{41}{540}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
52521	998	600	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{101}{600}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
52522	998	1680	$\frac{1}{10}$	$\frac{61}{560}$	$\frac{9}{70}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
52523	999	880	$\frac{1}{110}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{109}{220}$	$\Phi_{880}^2\ \Phi_{220}\ \Phi_{176}^2\ \Phi_{80}^2\ \Phi_{44}\ \Phi_{20}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
52524	999	220	$\frac{1}{110}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{109}{220}$	$\Phi_{220}^5\ \Phi_{110}^4\ \Phi_{55}^4\ \Phi_{44}^5\ \Phi_{22}^4\ \Phi_{20}^5\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
52525	999	936	$\frac{1}{36}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{35}{72}$	$\Phi_{936}^2\ \Phi_{312}^2\ \Phi_{104}^2\ \Phi_{72}^3\ \Phi_{52}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
52526	999	936	$\frac{1}{36}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{35}{72}$	$\Phi_{936}^2\ \Phi_{312}^2\ \Phi_{104}^2\ \Phi_{72}^3\ \Phi_{24}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_1^3$
52527	999	360	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{360}^6\ \Phi_{120}^6\ \Phi_{72}^3\ \Phi_{40}^6\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
52528	999	156	$\frac{1}{26}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{156}^{12}\ \Phi_{52}^{13}\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}^{12}\ \Phi_4^{13}\ \Phi_1$
52529	999	1404	$\frac{1}{26}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{25}{52}$	$\Phi_{1404}^2\ \Phi_{108}^2\ \Phi_{54}\ \Phi_{52}\ \Phi_{27}\ \Phi_4\ \Phi_1$
52530	999	520	$\frac{1}{26}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{520}^2\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{104}^2\ \Phi_{65}^2\ \Phi_{52}\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
52531	999	624	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{25}{52}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{52}\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
52532	999	2340	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{25}{52}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{260}\ \Phi_{180}\ \Phi_{60}\ \Phi_{52}\ \Phi_{45}\ \Phi_{20}\ \Phi_{15}\ \Phi_5\ \Phi_4\ \Phi_1$
52533	999	1092	$\frac{1}{26}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{25}{52}$	$\Phi_{1092}^2\ \Phi_{364}^2\ \Phi_{84}^2\ \Phi_{52}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
52534	999	70	$\frac{2}{35}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{33}{70}$	$\Phi_{70}^{13}\ \Phi_{35}^{16}\ \Phi_{14}^{13}\ \Phi_{10}^{12}\ \Phi_7^{15}\ \Phi_5^{15}\ \Phi_2^{12}\ \Phi_1^{15}$
52535	999	640	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{17}{128}$	$\frac{15}{32}$	$\Phi_{640}^2\ \Phi_{320}^2\ \Phi_{128}\ \Phi_{80}^2\ \Phi_{64}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
52536	999	1040	$\frac{7}{104}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{97}{208}$	$\Phi_{1040}^2\ \Phi_{208}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
52537	999	880	$\frac{1}{55}$	$\frac{1}{8}$	$\frac{18}{55}$	$\frac{7}{16}$	$\Phi_{880}^2\ \Phi_{176}^2\ \Phi_{80}^2\ \Phi_{55}^2\ \Phi_{16}^3\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^3$
52538	999	304	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{304}^6\ \Phi_{76}^2\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
52539	999	1840	$\frac{4}{115}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{1840}\ \Phi_{368}\ \Phi_{115}\ \Phi_{23}\ \Phi_{16}\ \Phi_1$
52540	999	176	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{7}{44}$	$\frac{7}{16}$	$\Phi_{176}^{10}\ \Phi_{44}^3\ \Phi_{22}^2\ \Phi_{16}^{11}\ \Phi_{11}^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
52541	999	80	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{80}^{22}\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^{23}\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
52542	999	1936	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1936}\ \Phi_{121}\ \Phi_{16}\ \Phi_1$
52543	999	980	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{98}$	$\frac{85}{196}$	$\Phi_{980}^2\ \Phi_{196}\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
52544	999	320	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{5}{32}$	$\frac{27}{64}$	$\Phi_{320}^6\ \Phi_{80}^2\ \Phi_{64}^3\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
52545	999	608	$\frac{1}{38}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{608}^2\ \Phi_{304}^2\ \Phi_{76}^2\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{16}\ \Phi_4\ \Phi_1$
52546	999	266	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{266}^4\ \Phi_{133}^4\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_{14}\ \Phi_7^3\ \Phi_1^3$
52547	999	280	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{9}{28}$	$\frac{19}{56}$	$\Phi_{280}^6\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^6\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_8^3\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
52548	999	499	$\frac{4}{499}$	$\frac{165}{499}$	$\frac{166}{499}$	$\frac{167}{499}$	$\Phi_{499}^2\ \Phi_1^3$
52549	999	39	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{39}^{25}\ \Phi_{13}^{27}\ \Phi_3^{24}\ \Phi_1^{27}$
52550	999	780	$\frac{2}{39}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{39}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
52551	999	220	$\frac{1}{55}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{18}{55}$	$\Phi_{220}^4\ \Phi_{110}^4\ \Phi_{55}^6\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{20}^4\ \Phi_{11}^6\ \Phi_{10}^4\ \Phi_5^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
52552	999	499	$\frac{10}{499}$	$\frac{112}{499}$	$\frac{129}{499}$	$\frac{163}{499}$	$\Phi_{499}^2\ \Phi_1^3$
52553	999	668	$\frac{7}{334}$	$\frac{75}{334}$	$\frac{1}{4}$	$\frac{109}{334}$	$\Phi_{668}^2\ \Phi_{334}\ \Phi_{167}\ \Phi_4\ \Phi_1$
52554	999	702	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{17}{54}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{13}^2\ \Phi_1^3$
52555	999	540	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{540}^4\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{54}\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
52556	999	240	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{11}{48}$	$\frac{5}{16}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^2\ \Phi_{60}^6\ \Phi_{48}^3\ \Phi_{40}^2\ \Phi_{30}^6\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}^6\ \Phi_{12}^3\ \Phi_{10}\ \Phi_8\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
52557	999	520	$\frac{3}{40}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{520}^2\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{104}^2\ \Phi_{65}^2\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{13}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_1^3$
52558	999	624	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{4}{13}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_1^3$
52559	999	585	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{4}{13}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{65}^2\ \Phi_{45}^3\ \Phi_{15}^3\ \Phi_{13}^2\ \Phi_5^3\ \Phi_1^3$
52560	999	546	$\frac{1}{13}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{4}{13}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{13}^2\ \Phi_7^3\ \Phi_1^3$
52561	999	210	$\frac{1}{10}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^4\ \Phi_{42}^3\ \Phi_{35}^4\ \Phi_{30}^6\ \Phi_{21}^3\ \Phi_{15}^6\ \Phi_{14}\ \Phi_{10}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^3$
52562	999	76	$\frac{1}{38}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{76}^{14}\ \Phi_{38}^{13}\ \Phi_{19}^{13}\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
52563	999	460	$\frac{4}{115}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{460}^2\ \Phi_{230}^2\ \Phi_{115}^3\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
52564	999	44	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{44}^{23}\ \Phi_{22}^{22}\ \Phi_{11}^{22}\ \Phi_4^{25}\ \Phi_2^{24}\ \Phi_1^{25}$
52565	999	40	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{40}^{27}\ \Phi_{20}^{23}\ \Phi_{10}^{22}\ \Phi_8^{27}\ \Phi_5^{22}\ \Phi_4^{25}\ \Phi_2^{24}\ \Phi_1^{25}$
52566	999	484	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{484}^2\ \Phi_{242}^2\ \Phi_{121}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
52567	999	240	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^6\ \Phi_{48}^3\ \Phi_{40}^6\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
52568	999	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{180}^7\ \Phi_{90}^3\ \Phi_{60}^7\ \Phi_{45}^4\ \Phi_{36}^8\ \Phi_{30}^3\ \Phi_{20}^9\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^5\ \Phi_4^9\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
52569	999	420	$\frac{1}{10}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{420}^4\ \Phi_{210}^2\ \Phi_{140}^4\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
52570	999	140	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{140}$	$\Phi_{140}^9\ \Phi_{70}^5\ \Phi_{35}^6\ \Phi_{28}^9\ \Phi_{20}^9\ \Phi_{14}^5\ \Phi_{10}^4\ \Phi_7^5\ \Phi_5^5\ \Phi_4^9\ \Phi_2^4\ \Phi_1^5$
52571	1000	249	$\frac{1}{249}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{124}{249}$	$\Phi_{249}^4\ \Phi_{83}^4\ \Phi_3^5\ \Phi_1^6$
52572	1000	999	$\frac{5}{999}$	$\frac{251}{999}$	$\frac{374}{999}$	$\frac{497}{999}$	$\Phi_{999}\ \Phi_{333}\ \Phi_{111}\ \Phi_{37}\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
52573	1000	1592	$\frac{1}{199}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{99}{199}$	$\Phi_{1592}\ \Phi_{199}\ \Phi_8^2\ \Phi_1^2$
52574	1000	501	$\frac{1}{167}$	$\frac{42}{167}$	$\frac{1}{3}$	$\frac{83}{167}$	$\Phi_{501}^3\ \Phi_3^2$
52575	1000	1736	$\frac{1}{124}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{123}{248}$	$\Phi_{1736}\ \Phi_{248}^2\ \Phi_{56}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
52576	1000	3720	$\frac{1}{124}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{123}{248}$	$\Phi_{3720}\ \Phi_{120}\ \Phi_{15}$
52577	1000	222	$\frac{1}{111}$	$\frac{14}{111}$	$\frac{97}{222}$	$\frac{55}{111}$	$\Phi_{222}^8\ \Phi_{111}\ \Phi_{74}^8\ \Phi_{37}\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
52578	1000	333	$\frac{1}{111}$	$\frac{83}{333}$	$\frac{28}{111}$	$\frac{55}{111}$	$\Phi_{333}^4\ \Phi_{111}\ \Phi_{37}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
52579	1000	99	$\frac{1}{99}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{49}{99}$	$\Phi_{99}^{10}\ \Phi_{33}^{10}\ \Phi_{11}^{10}\ \Phi_9^{11}\ \Phi_3^{11}\ \Phi_1^{12}$
52580	1000	198	$\frac{1}{99}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{49}{99}$	$\Phi_{198}^6\ \Phi_{99}^4\ \Phi_{66}^6\ \Phi_{33}^4\ \Phi_{22}^6\ \Phi_{18}^6\ \Phi_{11}^4\ \Phi_9^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
52581	1000	999	$\frac{11}{999}$	$\frac{101}{999}$	$\frac{449}{999}$	$\frac{494}{999}$	$\Phi_{999}\ \Phi_{333}\ \Phi_{111}\ \Phi_{37}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
52582	1000	402	$\frac{1}{67}$	$\frac{1}{6}$	$\frac{17}{67}$	$\frac{33}{67}$	$\Phi_{402}^3\ \Phi_{201}^3\ \Phi_{134}^3\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{2}^2$
52583	1000	738	$\frac{2}{123}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{121}{246}$	$\Phi_{738}^3\ \Phi_{246}^2\ \Phi_{82}^2\ \Phi_{18}^3\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
52584	1000	999	$\frac{17}{999}$	$\frac{149}{999}$	$\frac{254}{999}$	$\frac{491}{999}$	$\Phi_{999}\ \Phi_{333}\ \Phi_{111}\ \Phi_{37}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
52585	1000	501	$\frac{3}{167}$	$\frac{17}{167}$	$\frac{1}{3}$	$\frac{82}{167}$	$\Phi_{501}^3\ \Phi_{3}^2$
52586	1000	931	$\frac{1}{49}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{24}{49}$	$\Phi_{931}\ \Phi_{133}\ \Phi_{49}^2\ \Phi_{19}^2\ \Phi_{7}^2\ \Phi_{1}^4$
52587	1000	1617	$\frac{1}{49}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{1617}\ \Phi_{231}\ \Phi_{33}^2$
52588	1000	931	$\frac{1}{49}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{24}{49}$	$\Phi_{931}\ \Phi_{133}\ \Phi_{49}^2\ \Phi_{19}^2\ \Phi_{7}^2\ \Phi_{1}^4$
52589	1000	1470	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{24}{49}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
52590	1000	333	$\frac{7}{333}$	$\frac{17}{333}$	$\frac{158}{333}$	$\frac{163}{333}$	$\Phi_{333}^3\ \Phi_{111}^3\ \Phi_{37}^3\ \Phi_{9}^3\ \Phi_{3}^3\ \Phi_{1}^4$
52591	1000	504	$\frac{1}{42}$	$\frac{1}{9}$	$\frac{43}{168}$	$\frac{41}{84}$	$\Phi_{504}^3\ \Phi_{168}^2\ \Phi_{126}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
52592	1000	624	$\frac{1}{39}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{19}{39}$	$\Phi_{624}^3\ \Phi_{208}^3\ \Phi_{48}^4\ \Phi_{39}\ \Phi_{16}^4\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^2$
52593	1000	351	$\frac{1}{39}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{351}^3\ \Phi_{117}^3\ \Phi_{39}\ \Phi_{27}^4\ \Phi_{13}\ \Phi_{9}^4\ \Phi_{3}\ \Phi_{1}^2$
52594	1000	468	$\frac{1}{39}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{19}{39}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{117}^3\ \Phi_{39}\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{13}\ \Phi_{9}^4\ \Phi_{3}\ \Phi_{1}^2$
52595	1000	1092	$\frac{1}{39}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{19}{39}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{91}\ \Phi_{84}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{13}\ \Phi_{7}^2\ \Phi_{3}\ \Phi_{1}^2$
52596	1000	1248	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{19}{39}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{208}\ \Phi_{96}\ \Phi_{48}\ \Phi_{39}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^2$
52597	1000	78	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{19}{39}$	$\Phi_{78}^{12}\ \Phi_{39}^{13}\ \Phi_{26}^{12}\ \Phi_{13}^{13}\ \Phi_{6}^{16}\ \Phi_{3}^{17}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
52598	1000	481	$\frac{1}{37}$	$\frac{19}{481}$	$\frac{231}{481}$	$\frac{18}{37}$	$\Phi_{481}^2\ \Phi_{37}^3\ \Phi_{13}^2\ \Phi_{1}^4$
52599	1000	243	$\frac{7}{243}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{118}{243}$	$\Phi_{243}^4\ \Phi_{81}^4\ \Phi_{27}^5\ \Phi_{9}^5\ \Phi_{3}^5\ \Phi_{1}^6$
52600	1000	243	$\frac{7}{243}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{118}{243}$	$\Phi_{243}^4\ \Phi_{81}^4\ \Phi_{27}^4\ \Phi_{9}^7\ \Phi_{3}^7\ \Phi_{1}^8$
52601	1000	1111	$\frac{3}{101}$	$\frac{1}{11}$	$\frac{26}{101}$	$\frac{49}{101}$	Φ_{1111}
52602	1000	999	$\frac{31}{999}$	$\frac{103}{999}$	$\frac{224}{999}$	$\frac{484}{999}$	$\Phi_{999}\ \Phi_{333}\ \Phi_{111}\ \Phi_{37}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
52603	1000	333	$\frac{11}{333}$	$\frac{43}{333}$	$\frac{58}{333}$	$\frac{161}{333}$	$\Phi_{333}^3\ \Phi_{111}^3\ \Phi_{37}^3\ \Phi_{9}^3\ \Phi_{3}^3\ \Phi_{1}^4$
52604	1000	402	$\frac{7}{201}$	$\frac{26}{201}$	$\frac{1}{6}$	$\frac{97}{201}$	$\Phi_{402}^3\ \Phi_{201}^2\ \Phi_{134}^3\ \Phi_{67}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
52605	1000	1255	$\frac{9}{251}$	$\frac{26}{251}$	$\frac{1}{5}$	$\frac{121}{251}$	Φ_{1255}
52606	1000	729	$\frac{1}{27}$	$\frac{14}{243}$	$\frac{229}{729}$	$\frac{13}{27}$	$\Phi_{729}^2\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
52607	1000	27	$\frac{1}{27}$	$\frac{2}{27}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{27}^{37}\ \Phi_{9}^{37}\ \Phi_{3}^{37}\ \Phi_{1}^{38}$
52608	1000	162	$\frac{1}{27}$	$\frac{7}{81}$	$\frac{37}{162}$	$\frac{13}{27}$	$\Phi_{162}^8\ \Phi_{81}^4\ \Phi_{54}^8\ \Phi_{27}^5\ \Phi_{18}^8\ \Phi_{9}^5\ \Phi_{6}^8\ \Phi_{3}^5\ \Phi_{2}^8\ \Phi_{1}^6$
52609	1000	567	$\frac{1}{27}$	$\frac{67}{567}$	$\frac{14}{81}$	$\frac{13}{27}$	$\Phi_{567}^2\ \Phi_{189}^2\ \Phi_{63}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{9}\ \Phi_{7}^2\ \Phi_{3}\ \Phi_{1}^2$
52610	1000	501	$\frac{19}{501}$	$\frac{26}{501}$	$\frac{1}{3}$	$\frac{241}{501}$	$\Phi_{501}^2\ \Phi_{167}^2\ \Phi_{3}\ \Phi_{1}^2$
52611	1000	999	$\frac{41}{999}$	$\frac{104}{999}$	$\frac{179}{999}$	$\frac{479}{999}$	$\Phi_{999}\ \Phi_{333}\ \Phi_{111}\ \Phi_{37}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
52612	1000	336	$\frac{1}{24}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{336}^6\ \Phi_{112}^6\ \Phi_{48}^4\ \Phi_{21}^2\ \Phi_{16}^4\ \Phi_{7}^2\ \Phi_{3}\ \Phi_{1}^2$
52613	1000	624	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{23}{48}$	$\Phi_{624}^3\ \Phi_{208}^3\ \Phi_{48}^4\ \Phi_{16}^4\ \Phi_{13}^3\ \Phi_{1}^4$
52614	1000	2640	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{55}$
52615	1000	624	$\frac{1}{24}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{23}{48}$	$\Phi_{624}^3\ \Phi_{208}^3\ \Phi_{48}^4\ \Phi_{39}\ \Phi_{16}^4\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^2$
52616	1000	144	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{23}{48}$	$\Phi_{144}^{15}\ \Phi_{48}^{10}\ \Phi_{18}^3\ \Phi_{16}^{10}\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
52617	1000	402	$\frac{3}{67}$	$\frac{7}{67}$	$\frac{1}{6}$	$\frac{32}{67}$	$\Phi_{402}^3\ \Phi_{201}^3\ \Phi_{134}^3\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{2}^2$
52618	1000	2142	$\frac{6}{119}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{113}{238}$	$\Phi_{2142}\ \Phi_{714}\ \Phi_{306}\ \Phi_{126}\ \Phi_{102}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
52619	1000	1482	$\frac{1}{26}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{114}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{6}^2$
52620	1000	931	$\frac{1}{19}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{9}{19}$	$\Phi_{931}\ \Phi_{133}\ \Phi_{49}^2\ \Phi_{19}^2\ \Phi_{7}^2\ \Phi_{1}^4$
52621	1000	1254	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2$
52622	1000	532	$\frac{1}{19}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{9}{19}$	$\Phi_{532}^2\ \Phi_{266}^2\ \Phi_{133}\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{28}^4\ \Phi_{19}^2\ \Phi_{14}^4\ \Phi_{7}^2\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
52623	1000	144	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{19}{144}$	$\frac{17}{36}$	$\Phi_{144}^8\ \Phi_{72}^8\ \Phi_{48}^8\ \Phi_{24}^8\ \Phi_{18}^8\ \Phi_{16}^8\ \Phi_{9}^7\ \Phi_{8}^8\ \Phi_{6}^8\ \Phi_{3}^7\ \Phi_{2}^8\ \Phi_{1}^8$
52624	1000	189	$\frac{11}{189}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{89}{189}$	$\Phi_{189}^5\ \Phi_{63}^5\ \Phi_{27}^7\ \Phi_{21}^5\ \Phi_{9}^7\ \Phi_{7}^5\ \Phi_{3}^7\ \Phi_{1}^8$
52625	1000	189	$\frac{11}{189}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{89}{189}$	$\Phi_{189}^5\ \Phi_{63}^6\ \Phi_{27}^5\ \Phi_{21}^6\ \Phi_{9}^5\ \Phi_{7}^6\ \Phi_{3}^5\ \Phi_{1}^6$
52626	1000	714	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{714}^2\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{119}\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{42}^2\ \Phi_{14}^2\ \Phi_{6}^2$
52627	1000	234	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{109}{234}$	$\Phi_{234}^8\ \Phi_{78}^8\ \Phi_{26}^8\ \Phi_{18}^8\ \Phi_{9}^7\ \Phi_{6}^8\ \Phi_{3}^7\ \Phi_{2}^8\ \Phi_{1}^8$
52628	1000	252	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{13}{28}$	$\Phi_{252}^4\ \Phi_{126}^5\ \Phi_{84}^4\ \Phi_{63}^5\ \Phi_{42}^5\ \Phi_{36}^4\ \Phi_{21}^5\ \Phi_{18}^5\ \Phi_{12}^4\ \Phi_{9}^4\ \Phi_{6}^5\ \Phi_{3}^4$
52629	1000	1066	$\frac{1}{26}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{1066}\ \Phi_{533}\ \Phi_{82}$
52630	1000	37	$\frac{2}{37}$	$\frac{3}{37}$	$\frac{7}{37}$	$\frac{17}{37}$	$\Phi_{37}^{27}\ \Phi_{1}^{28}$
52631	1000	111	$\frac{3}{37}$	$\frac{11}{111}$	$\frac{4}{37}$	$\frac{17}{37}$	$\Phi_{111}^{10}\ \Phi_{37}^7\ \Phi_{3}^{10}\ \Phi_{1}^8$
52632	1000	1111	$\frac{9}{101}$	$\frac{1}{11}$	$\frac{11}{101}$	$\frac{46}{101}$	Φ_{1111}
52633	1000	999	$\frac{89}{999}$	$\frac{91}{999}$	$\frac{109}{999}$	$\frac{454}{999}$	$\Phi_{999}\ \Phi_{333}\ \Phi_{111}\ \Phi_{37}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
52634	1000	402	$\frac{11}{201}$	$\frac{19}{201}$	$\frac{1}{6}$	$\frac{91}{201}$	$\Phi_{402}^3\ \Phi_{201}^2\ \Phi_{134}^3\ \Phi_{67}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
52635	1000	999	$\frac{29}{999}$	$\frac{97}{999}$	$\frac{274}{999}$	$\frac{451}{999}$	$\Phi_{999}\ \Phi_{333}\ \Phi_{111}\ \Phi_{37}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
52636	1000	501	$\frac{11}{501}$	$\frac{49}{501}$	$\frac{1}{3}$	$\frac{226}{501}$	$\Phi_{501}^2\ \Phi_{167}^2\ \Phi_{3}\ \Phi_{1}^2$
52637	1000	153	$\frac{1}{51}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{153}^6\ \Phi_{51}^8\ \Phi_{17}^8\ \Phi_{9}^4\ \Phi_{3}^5\ \Phi_{1}^6$
52638	1000	99	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{8}{33}$	$\frac{4}{9}$	$\Phi_{99}^9\ \Phi_{33}^{12}\ \Phi_{11}^{12}\ \Phi_{9}^{10}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
52639	1000	1170	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{90}\ \Phi_{65}^2\ \Phi_{30}\ \Phi_{10}^2$
52640	1000	99	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{19}{99}$	$\frac{4}{9}$	$\Phi_{99}^{10}\ \Phi_{33}^{10}\ \Phi_{11}^{10}\ \Phi_{9}^{11}\ \Phi_{3}^{11}\ \Phi_{1}^{12}$
52641	1000	126	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{126}^9\ \Phi_{63}^6\ \Phi_{42}^{12}\ \Phi_{21}^8\ \Phi_{18}^6\ \Phi_{14}^{12}\ \Phi_{9}^4\ \Phi_{7}^8\ \Phi_{6}^8\ \Phi_{3}^5\ \Phi_{2}^8\ \Phi_{1}^6$
52642	1000	297	$\frac{5}{99}$	$\frac{1}{9}$	$\frac{47}{297}$	$\frac{4}{9}$	$\Phi_{297}^4\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{27}^4\ \Phi_{11}^2\ \Phi_{9}^3\ \Phi_{3}^3\ \Phi_{1}^4$
52643	1000	27	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{27}^{40}\ \Phi_{9}^{31}\ \Phi_{3}^{31}\ \Phi_{1}^{32}$
52644	1000	99	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{99}^9\ \Phi_{33}^9\ \Phi_{11}^{18}\ \Phi_{9}^{10}\ \Phi_{3}^{10}\ \Phi_{1}^{20}$
52645	1000	2016	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{112}$	$\frac{99}{224}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{126}\ \Phi_{96}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{6}$
52646	1000	222	$\frac{1}{37}$	$\frac{14}{111}$	$\frac{9}{37}$	$\frac{97}{222}$	$\Phi_{222}^8\ \Phi_{74}^8\ \Phi_{37}^3\ \Phi_{6}^8\ \Phi_{2}^8\ \Phi_{1}^4$
52647	1000	441	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{59}{441}$	$\frac{191}{441}$	$\Phi_{441}^2\ \Phi_{147}^2\ \Phi_{63}^4\ \Phi_{49}^2\ \Phi_{21}^4\ \Phi_{9}^3\ \Phi_{7}^4\ \Phi_{3}^3\ \Phi_{1}^4$
52648	1000	1302	$\frac{1}{62}$	$\frac{1}{7}$	$\frac{61}{186}$	$\frac{3}{7}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
52649	1000	357	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{357}^3\ \Phi_{119}^3\ \Phi_{51}^2\ \Phi_{21}^3\ \Phi_{17}^2\ \Phi_{3}^2$
52650	1000	896	$\frac{3}{128}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}^2\ \Phi_{112}\ \Phi_{64}^2\ \Phi_{56}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{1}^2$
52651	1000	217	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{6}{31}$	$\frac{3}{7}$	$\Phi_{217}^4\ \Phi_{31}^8\ \Phi_{7}^5\ \Phi_{1}^{10}$
52652	1000	546	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}\ \Phi_{91}\ \Phi_{78}^4\ \Phi_{42}\ \Phi_{39}^4\ \Phi_{26}^2\ \Phi_{21}\ \Phi_{13}^2\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
52653	1000	999	$\frac{23}{999}$	$\frac{151}{999}$	$\frac{244}{999}$	$\frac{424}{999}$	$\Phi_{999}\ \Phi_{333}\ \Phi_{111}\ \Phi_{37}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
52654	1000	216	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{17}{108}$	$\frac{91}{216}$	$\Phi_{216}^8\ \Phi_{72}^8\ \Phi_{24}^8\ \Phi_{18}^8\ \Phi_{9}^7\ \Phi_{8}^8\ \Phi_{6}^8\ \Phi_{3}^7\ \Phi_{2}^8\ \Phi_{1}^8$
52655	1000	999	$\frac{29}{999}$	$\frac{161}{999}$	$\frac{194}{999}$	$\frac{419}{999}$	$\Phi_{999}\ \Phi_{333}\ \Phi_{111}\ \Phi_{37}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
52656	1000	396	$\frac{7}{132}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^2\ \Phi_{99}^3\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
52657	1000	1066	$\frac{1}{26}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{1066}\ \Phi_{533}\ \Phi_{82}$
52658	1000	357	$\frac{1}{21}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{357}^3\ \Phi_{119}^3\ \Phi_{51}^3\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2$
52659	1000	999	$\frac{59}{999}$	$\frac{94}{999}$	$\frac{181}{999}$	$\frac{409}{999}$	$\Phi_{999}\ \Phi_{333}\ \Phi_{111}\ \Phi_{37}\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
52660	1000	27	$\frac{2}{27}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{27}^{37}\ \Phi_9^{37}\ \Phi_3^{37}\ \Phi_1^{38}$
52661	1000	1111	$\frac{6}{101}$	$\frac{1}{11}$	$\frac{19}{101}$	$\frac{41}{101}$	Φ_{1111}
52662	1000	111	$\frac{2}{37}$	$\frac{11}{111}$	$\frac{7}{37}$	$\frac{15}{37}$	$\Phi_{111}^{10}\ \Phi_{37}^7\ \Phi_3^{10}\ \Phi_1^8$
52663	1000	126	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{4}{21}$	$\frac{17}{42}$	$\Phi_{126}^{15}\ \Phi_{63}^3\ \Phi_{42}^{10}\ \Phi_{21}^2\ \Phi_{18}^{15}\ \Phi_{14}^{10}\ \Phi_9^2\ \Phi_7^2\ \Phi_6^{10}\ \Phi_3\ \Phi_2^{10}\ \Phi_1^2$
52664	1000	999	$\frac{44}{999}$	$\frac{119}{999}$	$\frac{191}{999}$	$\frac{404}{999}$	$\Phi_{999}\ \Phi_{333}\ \Phi_{111}\ \Phi_{37}\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
52665	1000	999	$\frac{34}{999}$	$\frac{149}{999}$	$\frac{193}{999}$	$\frac{403}{999}$	$\Phi_{999}\ \Phi_{333}\ \Phi_{111}\ \Phi_{37}\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
52666	1000	402	$\frac{2}{67}$	$\frac{1}{6}$	$\frac{13}{67}$	$\frac{27}{67}$	$\Phi_{402}^3\ \Phi_{201}^3\ \Phi_{134}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
52667	1000	1255	$\frac{6}{251}$	$\frac{49}{251}$	$\frac{1}{5}$	$\frac{101}{251}$	Φ_{1255}
52668	1000	999	$\frac{14}{999}$	$\frac{197}{999}$	$\frac{299}{999}$	$\frac{401}{999}$	$\Phi_{999}\ \Phi_{333}\ \Phi_{111}\ \Phi_{37}\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
52669	1000	501	$\frac{2}{167}$	$\frac{33}{167}$	$\frac{1}{3}$	$\frac{67}{167}$	$\Phi_{501}^3\ \Phi_3^2$
52670	1000	333	$\frac{8}{333}$	$\frac{65}{333}$	$\frac{67}{333}$	$\frac{133}{333}$	$\Phi_{333}^3\ \Phi_{111}^3\ \Phi_{37}^3\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
52671	1000	1066	$\frac{1}{26}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{1066}\ \Phi_{533}\ \Phi_{82}$
52672	1000	999	$\frac{35}{999}$	$\frac{124}{999}$	$\frac{241}{999}$	$\frac{379}{999}$	$\Phi_{999}\ \Phi_{333}\ \Phi_{111}\ \Phi_{37}\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
52673	1000	148	$\frac{1}{37}$	$\frac{23}{148}$	$\frac{9}{37}$	$\frac{14}{37}$	$\Phi_{148}^8\ \Phi_{74}^8\ \Phi_{37}^3\ \Phi_4^8\ \Phi_2^8\ \Phi_1^4$
52674	1000	402	$\frac{5}{201}$	$\frac{1}{6}$	$\frac{49}{201}$	$\frac{76}{201}$	$\Phi_{402}^3\ \Phi_{201}^2\ \Phi_{134}^3\ \Phi_{67}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
52675	1000	2424	$\frac{1}{101}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2424}\ \Phi_{303}$
52676	1000	1592	$\frac{3}{199}$	$\frac{49}{199}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1592}\ \Phi_{199}\ \Phi_8^2\ \Phi_1^2$
52677	1000	2040	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{255}\ \Phi_{120}\ \Phi_{85}\ \Phi_{15}$
52678	1000	1592	$\frac{4}{199}$	$\frac{39}{199}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1592}\ \Phi_{199}\ \Phi_8^2\ \Phi_1^2$
52679	1000	984	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{984}^2\ \Phi_{328}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}$
52680	1000	1592	$\frac{7}{199}$	$\frac{24}{199}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1592}\ \Phi_{199}\ \Phi_8^2\ \Phi_1^2$
52681	1000	936	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{936}^2\ \Phi_{312}^2\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}\ \Phi_{39}\ \Phi_{24}\ \Phi_{18}\ \Phi_6$
52682	1000	1592	$\frac{9}{199}$	$\frac{19}{199}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1592}\ \Phi_{199}\ \Phi_8^2\ \Phi_1^2$
52683	1000	1848	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{231}\ \Phi_{77}\ \Phi_{33}$
52684	1000	777	$\frac{1}{37}$	$\frac{36}{259}$	$\frac{223}{777}$	$\frac{277}{777}$	$\Phi_{777}\ \Phi_{259}^2\ \Phi_{111}\ \Phi_{37}\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
52685	1000	189	$\frac{2}{63}$	$\frac{1}{9}$	$\frac{61}{189}$	$\frac{64}{189}$	$\Phi_{189}^4\ \Phi_{63}^8\ \Phi_{27}^4\ \Phi_{21}^8\ \Phi_9^7\ \Phi_7^8\ \Phi_3^7\ \Phi_1^8$
52686	1000	126	$\frac{1}{126}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{126}^8\ \Phi_{63}^8\ \Phi_{42}^8\ \Phi_{21}^8\ \Phi_{18}^8\ \Phi_{14}^8\ \Phi_9^8\ \Phi_7^8\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
52687	1000	747	$\frac{2}{249}$	$\frac{247}{747}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{747}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
52688	1000	498	$\frac{1}{83}$	$\frac{41}{166}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{498}^2\ \Phi_{249}\ \Phi_{166}^4\ \Phi_{83}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
52689	1000	249	$\frac{4}{249}$	$\frac{49}{249}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{249}^4\ \Phi_{83}^4\ \Phi_3^5\ \Phi_1^6$
52690	1000	102	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{102}^{12}\ \Phi_{51}^8\ \Phi_{34}^{12}\ \Phi_{17}^8\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
52691	1000	249	$\frac{3}{83}$	$\frac{8}{83}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{249}^3\ \Phi_{83}^6\ \Phi_3^4\ \Phi_1^8$
52692	1000	858	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{858}\ \Phi_{429}\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{66}\ \Phi_{22}^2$
52693	1000	189	$\frac{1}{21}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{189}^6\ \Phi_{63}^6\ \Phi_{27}^4\ \Phi_{21}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
52694	1000	930	$\frac{1}{62}$	$\frac{1}{5}$	$\frac{61}{186}$	$\frac{1}{3}$	$\Phi_{930}\ \Phi_{465}\ \Phi_{310}^2\ \Phi_{155}^2\ \Phi_{30}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
52695	1000	594	$\frac{2}{99}$	$\frac{1}{6}$	$\frac{97}{297}$	$\frac{1}{3}$	$\Phi_{594}^3\ \Phi_{297}^2\ \Phi_{54}^3\ \Phi_{27}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
52696	1000	351	$\frac{2}{39}$	$\frac{2}{27}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{351}^{3}\ \Phi_{117}^{2}\ \Phi_{39}^{3}\ \Phi_{27}^{4}\ \Phi_{13}^{3}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
52697	1000	252	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{63}^{6}\ \Phi_{36}^{4}\ \Phi_{21}^{2}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
52698	1000	459	$\frac{1}{51}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{459}^{3}\ \Phi_{51}^{2}\ \Phi_{27}^{2}\ \Phi_{17}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
52699	1000	1920	$\frac{3}{128}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{15}$
52700	1000	84	$\frac{1}{21}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^{11}\ \Phi_{42}^{11}\ \Phi_{28}^{12}\ \Phi_{21}^{13}\ \Phi_{14}^{12}\ \Phi_{12}^{12}\ \Phi_{7}^{14}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
52701	1000	66	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{8}{33}$	$\frac{1}{3}$	$\Phi_{66}^{18}\ \Phi_{33}^{12}\ \Phi_{22}^{18}\ \Phi_{11}^{12}\ \Phi_{6}^{20}\ \Phi_{3}^{13}\ \Phi_{2}^{20}\ \Phi_{1}^{14}$
52702	1000	501	$\frac{17}{501}$	$\frac{76}{501}$	$\frac{121}{501}$	$\frac{1}{3}$	$\Phi_{501}^{2}\ \Phi_{167}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
52703	1000	351	$\frac{2}{27}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{351}^{3}\ \Phi_{117}^{3}\ \Phi_{27}^{4}\ \Phi_{13}^{3}\ \Phi_{9}^{4}\ \Phi_{1}^{4}$
52704	1000	414	$\frac{7}{207}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{414}^{3}\ \Phi_{207}^{2}\ \Phi_{138}^{3}\ \Phi_{69}^{2}\ \Phi_{46}^{3}\ \Phi_{23}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
52705	1000	672	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{224}^{2}\ \Phi_{112}^{2}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}^{2}\ \Phi_{21}^{2}\ \Phi_{16}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
52706	1000	1482	$\frac{1}{26}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{114}\ \Phi_{78}^{2}\ \Phi_{39}^{2}\ \Phi_{6}^{2}$
52707	1000	501	$\frac{16}{501}$	$\frac{97}{501}$	$\frac{101}{501}$	$\frac{1}{3}$	$\Phi_{501}^{2}\ \Phi_{167}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
52708	1000	465	$\frac{1}{31}$	$\frac{6}{31}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{465}^{4}\ \Phi_{15}^{5}$
52709	1000	390	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{390}^{3}\ \Phi_{195}^{3}\ \Phi_{130}^{4}\ \Phi_{65}^{4}\ \Phi_{30}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$
52710	1000	1485	$\frac{2}{27}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{55}$
52711	1000	198	$\frac{4}{99}$	$\frac{1}{6}$	$\frac{19}{99}$	$\frac{1}{3}$	$\Phi_{198}^{6}\ \Phi_{99}^{4}\ \Phi_{66}^{6}\ \Phi_{33}^{4}\ \Phi_{22}^{6}\ \Phi_{18}^{6}\ \Phi_{11}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
52712	1000	501	$\frac{7}{167}$	$\frac{27}{167}$	$\frac{32}{167}$	$\frac{1}{3}$	$\Phi_{501}^{3}\ \Phi_{3}^{2}$
52713	1000	1617	$\frac{4}{49}$	$\frac{1}{11}$	$\frac{9}{49}$	$\frac{1}{3}$	$\Phi_{1617}\ \Phi_{231}\ \Phi_{33}^{2}$
52714	1000	501	$\frac{41}{501}$	$\frac{46}{501}$	$\frac{91}{501}$	$\frac{1}{3}$	$\Phi_{501}^{2}\ \Phi_{167}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
52715	1000	351	$\frac{2}{27}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{351}^{3}\ \Phi_{117}^{3}\ \Phi_{39}\ \Phi_{27}^{4}\ \Phi_{13}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
52716	1000	42	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{42}^{24}\ \Phi_{21}^{26}\ \Phi_{14}^{24}\ \Phi_{7}^{26}\ \Phi_{6}^{16}\ \Phi_{3}^{17}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
52717	1000	462	$\frac{2}{33}$	$\frac{31}{231}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{462}^{3}\ \Phi_{231}^{2}\ \Phi_{154}^{3}\ \Phi_{77}^{2}\ \Phi_{42}^{3}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
52718	1000	54	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{54}^{24}\ \Phi_{27}^{16}\ \Phi_{18}^{18}\ \Phi_{9}^{12}\ \Phi_{6}^{20}\ \Phi_{3}^{13}\ \Phi_{2}^{20}\ \Phi_{1}^{14}$
52719	1000	66	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{66}^{18}\ \Phi_{33}^{9}\ \Phi_{22}^{18}\ \Phi_{11}^{18}\ \Phi_{6}^{20}\ \Phi_{3}^{10}\ \Phi_{2}^{20}\ \Phi_{1}^{20}$
52720	1000	924	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{231}\ \Phi_{132}^{2}\ \Phi_{66}^{2}\ \Phi_{33}^{2}$
52721	1000	37	$\frac{1}{37}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{12}{37}$	$\Phi_{37}^{27}\ \Phi_{1}^{28}$
52722	1000	162	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{37}{162}$	$\frac{17}{54}$	$\Phi_{162}^{8}\ \Phi_{81}^{8}\ \Phi_{18}^{8}\ \Phi_{9}^{7}\ \Phi_{6}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
52723	1000	468	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{3}{13}$	$\frac{11}{36}$	$\Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{117}^{3}\ \Phi_{36}^{4}\ \Phi_{18}^{4}\ \Phi_{13}^{3}\ \Phi_{9}^{4}\ \Phi_{1}^{4}$
52724	1000	1980	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{55}$
52725	1000	468	$\frac{1}{12}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{11}{36}$	$\Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{117}^{3}\ \Phi_{39}\ \Phi_{36}^{4}\ \Phi_{18}^{4}\ \Phi_{13}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
52726	1000	36	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{11}{36}$	$\Phi_{36}^{25}\ \Phi_{18}^{28}\ \Phi_{12}^{30}\ \Phi_{9}^{27}\ \Phi_{6}^{32}\ \Phi_{4}^{30}\ \Phi_{3}^{31}\ \Phi_{2}^{32}\ \Phi_{1}^{32}$
52727	1000	567	$\frac{1}{9}$	$\frac{67}{567}$	$\frac{8}{63}$	$\frac{55}{189}$	$\Phi_{567}^{2}\ \Phi_{189}\ \Phi_{81}^{2}\ \Phi_{63}^{2}\ \Phi_{27}\ \Phi_{21}^{2}\ \Phi_{9}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
52728	1000	252	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{252}^{5}\ \Phi_{126}^{5}\ \Phi_{84}^{5}\ \Phi_{63}^{3}\ \Phi_{42}^{5}\ \Phi_{36}^{5}\ \Phi_{21}^{3}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{2}\ \Phi_{6}^{5}\ \Phi_{3}^{2}$
52729	1000	27	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{27}^{36}\ \Phi_{9}^{39}\ \Phi_{3}^{39}\ \Phi_{1}^{40}$
52730	1000	504	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{56}$	$\frac{43}{168}$	$\Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{168}\ \Phi_{126}^{3}\ \Phi_{84}\ \Phi_{72}^{2}\ \Phi_{63}^{3}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{24}$ $\Phi_{21}^{2}\ \Phi_{18}^{3}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
52731	1000	402	$\frac{3}{67}$	$\frac{1}{6}$	$\frac{16}{67}$	$\frac{17}{67}$	$\Phi_{402}^{3}\ \Phi_{201}^{3}\ \Phi_{134}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
52732	1000	333	$\frac{1}{37}$	$\frac{9}{37}$	$\frac{83}{333}$	$\frac{28}{111}$	$\Phi_{333}^{4}\ \Phi_{37}^{3}\ \Phi_{9}^{4}\ \Phi_{1}^{4}$
52733	1000	364	$\frac{1}{13}$	$\frac{3}{28}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{364}^{3}\ \Phi_{182}^{3}\ \Phi_{91}^{3}\ \Phi_{28}^{4}\ \Phi_{14}^{4}\ \Phi_{13}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{4}$
52734	1000	1540	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{55}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
52735	1000	1092	$\frac{4}{39}$	$\frac{3}{28}$	$\frac{7}{39}$	$\frac{1}{4}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{91}\ \Phi_{84}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
52736	1000	252	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{252}^5\ \Phi_{126}^5\ \Phi_{84}^3\ \Phi_{63}^5\ \Phi_{42}^3\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_{14}^4\ \Phi_9^2\ \Phi_7^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
52737	1000	416	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{3}{13}$	$\Phi_{416}^3\ \Phi_{208}^3\ \Phi_{32}^4\ \Phi_{16}^4\ \Phi_{13}^3\ \Phi_1^4$
52738	1000	78	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{3}{13}$	$\Phi_{78}^{12}\ \Phi_{39}^{12}\ \Phi_{26}^{12}\ \Phi_{13}^{15}\ \Phi_6^{16}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{20}$
52739	1000	999	$\frac{83}{999}$	$\frac{154}{999}$	$\frac{169}{999}$	$\frac{229}{999}$	$\Phi_{999}\ \Phi_{333}\ \Phi_{111}\ \Phi_{37}\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
52740	1000	402	$\frac{17}{201}$	$\frac{31}{201}$	$\frac{1}{6}$	$\frac{46}{201}$	$\Phi_{402}^3\ \Phi_{201}^2\ \Phi_{134}^3\ \Phi_{67}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
52741	1000	162	$\frac{7}{81}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{37}{162}$	$\Phi_{162}^8\ \Phi_{81}^4\ \Phi_{54}^8\ \Phi_{27}^4\ \Phi_{18}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
52742	1000	1760	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{55}$
52743	1000	1248	$\frac{4}{39}$	$\frac{1}{8}$	$\frac{7}{39}$	$\frac{7}{32}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{208}\ \Phi_{96}\ \Phi_{48}\ \Phi_{39}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
52744	1000	288	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{32}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^4\ \Phi_{18}^3\ \Phi_{16}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
52745	1000	931	$\frac{4}{49}$	$\frac{3}{19}$	$\frac{9}{49}$	$\frac{4}{19}$	$\Phi_{931}\ \Phi_{133}\ \Phi_{49}^2\ \Phi_{19}^2\ \Phi_7^2\ \Phi_1^4$
52746	1000	1254	$\frac{1}{11}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2$
52747	1000	532	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{532}^2\ \Phi_{266}^2\ \Phi_{133}\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{28}^4\ \Phi_{19}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
52748	1000	999	$\frac{79}{999}$	$\frac{163}{999}$	$\frac{184}{999}$	$\frac{209}{999}$	$\Phi_{999}\ \Phi_{333}\ \Phi_{111}\ \Phi_{37}\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
52749	1000	144	$\frac{1}{9}$	$\frac{19}{144}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{144}^8\ \Phi_{72}^5\ \Phi_{48}^8\ \Phi_{36}^5\ \Phi_{24}^6\ \Phi_{18}^8\ \Phi_{16}^8\ \Phi_{12}^6\ \Phi_9^7\ \Phi_8^6\ \Phi_6^8\ \Phi_4^6\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
52750	1000	1111	$\frac{1}{11}$	$\frac{16}{101}$	$\frac{17}{101}$	$\frac{21}{101}$	Φ_{1111}
52751	1000	63	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{11}{63}$	$\frac{13}{63}$	$\Phi_{63}^{16}\ \Phi_{21}^{16}\ \Phi_9^{15}\ \Phi_7^{16}\ \Phi_3^{15}\ \Phi_1^{16}$
52752	1000	333	$\frac{28}{333}$	$\frac{53}{333}$	$\frac{61}{333}$	$\frac{68}{333}$	$\Phi_{333}^3\ \Phi_{111}^3\ \Phi_{37}^3\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
52753	1000	402	$\frac{16}{201}$	$\frac{1}{6}$	$\frac{37}{201}$	$\frac{41}{201}$	$\Phi_{402}^3\ \Phi_{201}^2\ \Phi_{134}^3\ \Phi_{67}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
52754	1000	1470	$\frac{4}{49}$	$\frac{1}{6}$	$\frac{9}{49}$	$\frac{1}{5}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
52755	1000	1255	$\frac{21}{251}$	$\frac{41}{251}$	$\frac{46}{251}$	$\frac{1}{5}$	Φ_{1255}
52756	1000	330	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{110}^4\ \Phi_{55}^5$
52757	1000	420	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{420}^4\ \Phi_{210}^3\ \Phi_{140}^2\ \Phi_{105}^3\ \Phi_{70}\ \Phi_{60}^4\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{20}^2\ \Phi_{15}^4\ \Phi_{10}^2\ \Phi_5^2$
52758	1000	78	$\frac{4}{39}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{7}{39}$	$\Phi_{78}^{12}\ \Phi_{39}^{13}\ \Phi_{26}^{12}\ \Phi_{13}^{13}\ \Phi_6^{16}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
52759	1000	999	$\frac{104}{999}$	$\frac{164}{999}$	$\frac{167}{999}$	$\frac{179}{999}$	$\Phi_{999}\ \Phi_{333}\ \Phi_{111}\ \Phi_{37}\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
52760	1000	402	$\frac{7}{67}$	$\frac{11}{67}$	$\frac{1}{6}$	$\frac{12}{67}$	$\Phi_{402}^3\ \Phi_{201}^3\ \Phi_{134}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
52761	1000	18	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{18}^{63}\ \Phi_9^{62}\ \Phi_6^{42}\ \Phi_3^{41}\ \Phi_2^{42}\ \Phi_1^{42}$
52762	1001	1600	$\frac{1}{200}$	$\frac{201}{800}$	$\frac{599}{1600}$	$\frac{199}{400}$	$\Phi_{1600}\ \Phi_{400}\ \Phi_{320}\ \Phi_{80}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
52763	1001	852	$\frac{1}{142}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{141}{284}$	$\Phi_{426}^2\ \Phi_{284}\ \Phi_{213}^2\ \Phi_{142}^2\ \Phi_{71}^2\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
52764	1001	2556	$\frac{1}{142}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{141}{284}$	$\Phi_{2556}\ \Phi_{284}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
52765	1001	1984	$\frac{9}{992}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{983}{1984}$	$\Phi_{1984}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
52766	1001	180	$\frac{1}{90}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{89}{180}$	$\Phi_{180}\ \Phi_{90}^{10}\ \Phi_{60}\ \Phi_{45}^{10}\ \Phi_{36}\ \Phi_{30}^{10}\ \Phi_{20}^2\ \Phi_{18}^{10}\ \Phi_{15}^{10}\ \Phi_{12}\ \Phi_{10}^{10}\ \Phi_9^{10}\ \Phi_6^{10}\ \Phi_5^{10}\ \Phi_4^2\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
52767	1001	180	$\frac{1}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{89}{180}$	$\Phi_{180}^{11}\ \Phi_{60}^{11}\ \Phi_{36}^{11}\ \Phi_{20}^{11}\ \Phi_{15}\ \Phi_{12}^{11}\ \Phi_4^{11}\ \Phi_3\ \Phi_1$
52768	1001	1340	$\frac{4}{335}$	$\frac{1}{5}$	$\frac{339}{1340}$	$\frac{331}{670}$	$\Phi_{1340}\ \Phi_{335}\ \Phi_{268}\ \Phi_{67}\ \Phi_{20}\ \Phi_4\ \Phi_1$
52769	1001	456	$\frac{1}{76}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{75}{152}$	$\Phi_{228}^4\ \Phi_{152}\ \Phi_{114}^4\ \Phi_{76}^4\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{24}\ \Phi_{19}^4\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
52770	1001	2280	$\frac{1}{76}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{75}{152}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{152}\ \Phi_{120}\ \Phi_{40}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
52771	1001	1368	$\frac{1}{76}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{75}{152}$	$\Phi_{1368}^2\ \Phi_{152}\ \Phi_{72}^2\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
52772	1001	304	$\frac{1}{76}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{75}{152}$	$\Phi_{304}^4\ \Phi_{152}\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{16}^5\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
52773	1001	1128	$\frac{2}{141}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{139}{282}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{376}\ \Phi_{188}\ \Phi_{141}\ \Phi_{47}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
52774	1001	1968	$\frac{17}{984}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{967}{1968}$	$\Phi_{1968}\ \Phi_{656}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
52775	1001	192	$\frac{1}{48}$	$\frac{1}{8}$	$\frac{49}{192}$	$\frac{47}{96}$	$\Phi_{192}^7\ \Phi_{64}^7\ \Phi_{48}^7\ \Phi_{24}^7\ \Phi_{16}^7\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
52776	1001	280	$\frac{3}{140}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{137}{280}$	$\Phi_{280}^3\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_8^6\ \Phi_7^4\ \Phi_5^4\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
52777	1001	1920	$\frac{1}{40}$	$\frac{41}{960}$	$\frac{919}{1920}$	$\frac{39}{80}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{80}\ \Phi_{16}\ \Phi_1$
52778	1001	1440	$\frac{1}{40}$	$\frac{41}{480}$	$\frac{439}{1440}$	$\frac{39}{80}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
52779	1001	160	$\frac{1}{40}$	$\frac{17}{160}$	$\frac{41}{160}$	$\frac{39}{80}$	$\Phi_{160}^6\ \Phi_{80}^7\ \Phi_{40}^6\ \Phi_{32}^6\ \Phi_{20}^6\ \Phi_{16}^7\ \Phi_{10}^6\ \Phi_8^6\ \Phi_5^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
52780	1001	1280	$\frac{1}{40}$	$\frac{41}{320}$	$\frac{279}{1280}$	$\frac{39}{80}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{256}\ \Phi_{128}\ \Phi_{80}\ \Phi_{16}\ \Phi_1$
52781	1001	1200	$\frac{1}{40}$	$\frac{199}{1200}$	$\frac{41}{240}$	$\frac{39}{80}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
52782	1001	1050	$\frac{2}{75}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
52783	1001	528	$\frac{3}{88}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{85}{176}$	$\Phi_{528}^4\ \Phi_{176}^3\ \Phi_{48}^4\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
52784	1001	552	$\frac{5}{138}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{133}{276}$	$\Phi_{552}^2\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{138}^2\ \Phi_{92}\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{24}^4\ \Phi_{23}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
52785	1001	728	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{728}^2\ \Phi_{182}^2\ \Phi_{104}\ \Phi_{91}^2\ \Phi_{56}^2\ \Phi_{26}\ \Phi_{14}\ \Phi_{13}\ \Phi_8\ \Phi_7\ \Phi_1$
52786	1001	1920	$\frac{41}{960}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{919}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
52787	1001	1920	$\frac{41}{960}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{919}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
52788	1001	1152	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{151}{1152}$	$\frac{137}{288}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
52789	1001	272	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{129}{272}$	$\Phi_{272}^7\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
52790	1001	1360	$\frac{1}{20}$	$\frac{19}{340}$	$\frac{359}{1360}$	$\frac{321}{680}$	$\Phi_{1360}\ \Phi_{340}\ \Phi_{272}\ \Phi_{170}\ \Phi_{85}\ \Phi_{80}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
52791	1001	1080	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{127}{270}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
52792	1001	160	$\frac{1}{16}$	$\frac{17}{160}$	$\frac{1}{8}$	$\frac{15}{32}$	$\Phi_{160}^7\ \Phi_{80}^7\ \Phi_{40}^7\ \Phi_{20}^7\ \Phi_{16}^7\ \Phi_{10}^7\ \Phi_8^6\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
52793	1001	1008	$\frac{5}{72}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{144}\ \Phi_{112}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
52794	1001	144	$\frac{5}{72}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{67}{144}$	$\Phi_{144}^{13}\ \Phi_{72}\ \Phi_{48}^{13}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}^{13}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
52795	1001	456	$\frac{1}{38}$	$\frac{1}{12}$	$\frac{37}{114}$	$\frac{11}{24}$	$\Phi_{456}^4\ \Phi_{152}^4\ \Phi_{114}\ \Phi_{57}\ \Phi_{24}^5\ \Phi_8^5\ \Phi_6\ \Phi_3\ \Phi_1$
52796	1001	240	$\frac{3}{80}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^5\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^5\ \Phi_{30}^4\ \Phi_{24}\ \Phi_{20}^5\ \Phi_{16}^5\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_8^2\ \Phi_6^4\ \Phi_5^5\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
52797	1001	2280	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{18}{95}$	$\frac{11}{24}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{120}\ \Phi_{95}\ \Phi_{40}\ \Phi_{24}\ \Phi_8\ \Phi_5\ \Phi_1$
52798	1001	456	$\frac{3}{38}$	$\frac{1}{12}$	$\frac{5}{38}$	$\frac{11}{24}$	$\Phi_{456}^4\ \Phi_{152}^4\ \Phi_{38}^2\ \Phi_{24}^5\ \Phi_{19}^2\ \Phi_8^5\ \Phi_2^2\ \Phi_1^3$
52799	1001	24	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{24}^{37}\ \Phi_{12}^{47}\ \Phi_8^{36}\ \Phi_6^{47}\ \Phi_4^{46}\ \Phi_3^{47}\ \Phi_2^{46}\ \Phi_1^{47}$
52800	1001	125	$\frac{4}{125}$	$\frac{11}{125}$	$\frac{34}{125}$	$\frac{57}{125}$	$\Phi_{125}^8\ \Phi_{25}^8\ \Phi_5^8\ \Phi_1^9$
52801	1001	1860	$\frac{2}{93}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1860}\ \Phi_{620}\ \Phi_{372}\ \Phi_{124}\ \Phi_{93}\ \Phi_{31}\ \Phi_{20}\ \Phi_4\ \Phi_1$
52802	1001	540	$\frac{1}{45}$	$\frac{1}{10}$	$\frac{44}{135}$	$\frac{9}{20}$	$\Phi_{540}^5\ \Phi_{135}\ \Phi_{108}^5\ \Phi_{27}\ \Phi_{20}\ \Phi_4\ \Phi_1$
52803	1001	120	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{29}{120}$	$\frac{9}{20}$	$\Phi_{120}^{11}\ \Phi_{60}\ \Phi_{40}^{11}\ \Phi_{30}^{10}\ \Phi_{24}^{11}\ \Phi_{20}^2\ \Phi_{15}^{10}\ \Phi_{12}\ \Phi_{10}^{10}\ \Phi_8^{11}\ \Phi_6^{10}\ \Phi_5^{10}\ \Phi_4^2\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
52804	1001	380	$\frac{4}{95}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{380}^5\ \Phi_{95}\ \Phi_{76}^5\ \Phi_{20}\ \Phi_{19}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
52805	1001	480	$\frac{5}{96}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^3\ \Phi_{80}^2\ \Phi_{48}^3\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}$ $\Phi_{16}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
52806	1001	540	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{17}{108}$	$\frac{9}{20}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{108}^3\ \Phi_{90}^2\ \Phi_{54}^3\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{27}^3\ \Phi_{20}\ \Phi_{18}^2$ $\Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
52807	1001	60	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{9}{20}$	$\Phi_{60}^{30}\ \Phi_{20}^{31}\ \Phi_{15}^6\ \Phi_{12}^{30}\ \Phi_5^6\ \Phi_4^{31}\ \Phi_3^6\ \Phi_1^7$
52808	1001	280	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{280}^4\ \Phi_{140}^2\ \Phi_{70}^4\ \Phi_{56}^6\ \Phi_{40}^2\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{20}\ \Phi_{14}^5\ \Phi_{10}^2\ \Phi_8^3\ \Phi_7^5\ \Phi_5^2$ $\Phi_4^2\ \Phi_2^2\ \Phi_1^3$
52809	1001	1980	$\frac{8}{99}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{132}\ \Phi_{99}\ \Phi_{44}\ \Phi_{33}\ \Phi_{20}\ \Phi_{11}\ \Phi_4\ \Phi_1$
52810	1001	100	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{100}^{11}\ \Phi_{50}^{11}\ \Phi_{25}^{11}\ \Phi_{20}^2\ \Phi_{10}^{10}\ \Phi_5^{10}\ \Phi_4^2\ \Phi_2^{10}\ \Phi_1^{11}$
52811	1001	1800	$\frac{1}{50}$	$\frac{101}{900}$	$\frac{49}{150}$	$\frac{799}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{72}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}$ $\Phi_{15}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
52812	1001	256	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{8}$	$\frac{113}{256}$	$\Phi_{256}^7\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
52813	1001	1488	$\frac{9}{496}$	$\frac{1}{8}$	$\frac{487}{1488}$	$\frac{7}{16}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
52814	1001	1024	$\frac{23}{1024}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
52815	1001	504	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{17}{126}$	$\frac{109}{252}$	$\Phi_{504}^2\ \Phi_{252}\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{72}^4\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{24}^4$ $\Phi_{21}^2\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
52816	1001	200	$\frac{1}{50}$	$\frac{7}{50}$	$\frac{57}{200}$	$\frac{43}{100}$	$\Phi_{200}^7\ \Phi_{50}^6\ \Phi_{40}^7\ \Phi_{25}^6\ \Phi_{10}^6\ \Phi_8^7\ \Phi_5^6\ \Phi_2^6\ \Phi_1^7$
52817	1001	96	$\frac{5}{96}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{96}^{10}\ \Phi_{48}^{11}\ \Phi_{32}^{10}\ \Phi_{24}^{11}\ \Phi_{16}^{11}\ \Phi_{12}^{11}\ \Phi_8^{10}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
52818	1001	1728	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{137}{864}$	$\frac{727}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}$ $\Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
52819	1001	852	$\frac{1}{71}$	$\frac{1}{6}$	$\frac{70}{213}$	$\frac{5}{12}$	$\Phi_{852}^2\ \Phi_{284}^2\ \Phi_{213}\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
52820	1001	852	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{852}^2\ \Phi_{284}^2\ \Phi_{71}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
52821	1001	84	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{84}^{12}\ \Phi_{42}^{14}\ \Phi_{28}^{12}\ \Phi_{21}^{14}\ \Phi_{14}^{13}\ \Phi_{12}^6\ \Phi_7^{13}\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
52822	1001	910	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{910}\ \Phi_{455}\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{70}\ \Phi_{65}\ \Phi_{35}\ \Phi_{26}\ \Phi_{14}\ \Phi_{13}\ \Phi_7\ \Phi_5$ Φ_1
52823	1001	240	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{23}{120}$	$\frac{97}{240}$	$\Phi_{240}^7\ \Phi_{80}^7\ \Phi_{48}^7\ \Phi_{24}^7\ \Phi_{16}^7\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
52824	1001	828	$\frac{1}{92}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{828}\ \Phi_{414}\ \Phi_{276}^2\ \Phi_{207}\ \Phi_{138}^2\ \Phi_{92}\ \Phi_{69}^2\ \Phi_{46}\ \Phi_{36}\ \Phi_{23}\ \Phi_{12}^2\ \Phi_9$ $\Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
52825	1001	368	$\frac{1}{92}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{368}^4\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{23}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
52826	1001	96	$\frac{5}{96}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{96}^{11}\ \Phi_{48}^{11}\ \Phi_{32}^{11}\ \Phi_{24}^7\ \Phi_{16}^{11}\ \Phi_{12}^{10}\ \Phi_8^8\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
52827	1001	1020	$\frac{19}{1020}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}$ $\Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
52828	1001	1080	$\frac{1}{20}$	$\frac{79}{1080}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}$ $\Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
52829	1001	276	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{276}^4\ \Phi_{138}^3\ \Phi_{92}^4\ \Phi_{69}^4\ \Phi_{46}^3\ \Phi_{23}^3\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
52830	1001	216	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{35}{108}$	$\frac{73}{216}$	$\Phi_{216}^3\ \Phi_{108}^4\ \Phi_{72}^7\ \Phi_{54}^4\ \Phi_{36}^7\ \Phi_{27}^4\ \Phi_{24}^7\ \Phi_{18}^7\ \Phi_{12}^7\ \Phi_9^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6$ $\Phi_3^7\ \Phi_2^6\ \Phi_1^7$
52831	1001	1200	$\frac{1}{50}$	$\frac{199}{1200}$	$\frac{49}{150}$	$\frac{101}{300}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{80}\ \Phi_{75}\ \Phi_{48}\ \Phi_{40}$ $\Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
52832	1001	1500	$\frac{1}{125}$	$\frac{124}{375}$	$\frac{499}{1500}$	$\frac{251}{750}$	$\Phi_{1500}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3$ Φ_1
52833	1001	639	$\frac{1}{71}$	$\frac{2}{9}$	$\frac{70}{213}$	$\frac{1}{3}$	$\Phi_{639}^2\ \Phi_{213}\ \Phi_9^3\ \Phi_3\ \Phi_1$
52834	1001	570	$\frac{1}{38}$	$\frac{2}{15}$	$\frac{37}{114}$	$\frac{1}{3}$	$\Phi_{570}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{114}\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{30}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6\ \Phi_5^3\ \Phi_3$ Φ_1
52835	1001	465	$\frac{2}{93}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{465}^2\ \Phi_{155}^2\ \Phi_{93}^3\ \Phi_{31}^3\ \Phi_{15}\ \Phi_3\ \Phi_1$
52836	1001	240	$\frac{3}{80}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^5\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{40}^5\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^5\ \Phi_{15}^4\ \Phi_{12}^4$ $\Phi_{10}^4\ \Phi_8^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
52837	1001	639	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{639}^2\ \Phi_{71}^2\ \Phi_9^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
52838	1001	252	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{252}^{6}\ \Phi_{126}^{5}\ \Phi_{84}^{2}\ \Phi_{63}^{5}\ \Phi_{42}^{2}\ \Phi_{36}^{3}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}^{3}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
52839	1001	285	$\frac{1}{19}$	$\frac{2}{15}$	$\frac{18}{95}$	$\frac{1}{3}$	$\Phi_{285}^{3}\ \Phi_{95}^{4}\ \Phi_{57}^{4}\ \Phi_{19}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
52840	1001	630	$\frac{1}{14}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{210}\ \Phi_{126}^{2}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}^{2}\ \Phi_{45}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{21}^{2}\ \Phi_{18}\ \Phi_{15}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
52841	1001	570	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{570}^{2}\ \Phi_{285}^{2}\ \Phi_{190}^{2}\ \Phi_{95}^{2}\ \Phi_{38}^{2}\ \Phi_{30}^{2}\ \Phi_{19}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
52842	1001	120	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{120}^{11}\ \Phi_{60}^{8}\ \Phi_{40}^{11}\ \Phi_{30}^{8}\ \Phi_{24}^{4}\ \Phi_{20}^{8}\ \Phi_{15}^{9}\ \Phi_{12}^{3}\ \Phi_{10}^{8}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{9}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
52843	1001	1350	$\frac{1}{50}$	$\frac{101}{450}$	$\frac{349}{1350}$	$\frac{49}{150}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{270}\ \Phi_{150}\ \Phi_{135}\ \Phi_{75}\ \Phi_{54}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
52844	1001	135	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{44}{135}$	$\Phi_{135}^{11}\ \Phi_{27}^{11}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
52845	1001	342	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{37}{114}$	$\Phi_{342}^{4}\ \Phi_{171}^{4}\ \Phi_{114}\ \Phi_{57}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
52846	1001	912	$\frac{1}{38}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{37}{114}$	$\Phi_{912}^{2}\ \Phi_{456}^{2}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
52847	1001	1296	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{295}{1296}$	$\frac{137}{432}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
52848	1001	1440	$\frac{1}{20}$	$\frac{41}{480}$	$\frac{439}{1440}$	$\frac{19}{60}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
52849	1001	1200	$\frac{1}{20}$	$\frac{199}{1200}$	$\frac{41}{240}$	$\frac{19}{60}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
52850	1001	16	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{5}{16}$	$\Phi_{16}^{63}\ \Phi_{8}^{62}\ \Phi_{4}^{62}\ \Phi_{2}^{62}\ \Phi_{1}^{63}$
52851	1001	132	$\frac{3}{44}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{132}^{7}\ \Phi_{66}^{7}\ \Phi_{44}^{8}\ \Phi_{33}^{7}\ \Phi_{22}^{8}\ \Phi_{12}^{10}\ \Phi_{11}^{8}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
52852	1001	1440	$\frac{41}{480}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{439}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
52853	1001	648	$\frac{1}{9}$	$\frac{19}{162}$	$\frac{1}{8}$	$\frac{8}{27}$	$\Phi_{648}^{2}\ \Phi_{324}^{2}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{27}\ \Phi_{24}^{2}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
52854	1001	756	$\frac{1}{14}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{756}^{2}\ \Phi_{378}^{2}\ \Phi_{189}^{2}\ \Phi_{108}\ \Phi_{54}\ \Phi_{42}^{2}\ \Phi_{27}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
52855	1001	720	$\frac{3}{80}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{144}^{2}\ \Phi_{90}^{2}\ \Phi_{80}\ \Phi_{72}^{2}\ \Phi_{45}^{2}\ \Phi_{40}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
52856	1001	1710	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{18}{95}$	$\frac{5}{18}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{95}\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
52857	1001	630	$\frac{1}{14}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{210}^{2}\ \Phi_{105}^{2}\ \Phi_{90}\ \Phi_{70}^{2}\ \Phi_{45}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
52858	1001	342	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{342}^{4}\ \Phi_{171}^{4}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
52859	1001	72	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{72}^{22}\ \Phi_{36}^{16}\ \Phi_{24}^{4}\ \Phi_{18}^{17}\ \Phi_{12}^{3}\ \Phi_{9}^{17}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
52860	1001	1035	$\frac{34}{1035}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}\ \Phi_{115}\ \Phi_{69}\ \Phi_{23}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
52861	1001	120	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{29}{120}$	$\frac{4}{15}$	$\Phi_{120}^{11}\ \Phi_{60}^{11}\ \Phi_{40}^{11}\ \Phi_{24}^{11}\ \Phi_{20}^{11}\ \Phi_{15}\ \Phi_{12}^{11}\ \Phi_{8}^{11}\ \Phi_{4}^{11}\ \Phi_{3}\ \Phi_{1}$
52862	1001	285	$\frac{4}{95}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{285}^{5}\ \Phi_{95}\ \Phi_{57}^{5}\ \Phi_{19}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
52863	1001	480	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{480}^{2}\ \Phi_{240}^{2}\ \Phi_{160}^{2}\ \Phi_{120}^{2}\ \Phi_{96}^{3}\ \Phi_{80}^{2}\ \Phi_{60}^{2}\ \Phi_{48}^{3}\ \Phi_{40}^{2}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{15}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
52864	1001	540	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{180}^{2}\ \Phi_{135}^{2}\ \Phi_{108}^{3}\ \Phi_{60}^{2}\ \Phi_{54}^{3}\ \Phi_{36}^{3}\ \Phi_{27}^{3}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
52865	1001	15	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{15}^{67}\ \Phi_{5}^{66}\ \Phi_{3}^{67}\ \Phi_{1}^{67}$
52866	1001	840	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{210}\ \Phi_{168}^{2}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{60}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
52867	1001	1080	$\frac{79}{1080}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
52868	1001	495	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{495}^{2}\ \Phi_{165}^{2}\ \Phi_{99}^{3}\ \Phi_{55}^{2}\ \Phi_{33}^{3}\ \Phi_{15}\ \Phi_{11}^{3}\ \Phi_{3}\ \Phi_{1}$
52869	1001	300	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{300}^{5}\ \Phi_{150}^{5}\ \Phi_{100}\ \Phi_{75}^{5}\ \Phi_{60}^{5}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
52870	1001	192	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{15}{64}$	$\frac{49}{192}$	$\Phi_{192}^{7}\ \Phi_{96}^{7}\ \Phi_{48}^{7}\ \Phi_{24}^{7}\ \Phi_{16}^{7}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
52871	1001	80	$\frac{3}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{80}^{13}\ \Phi_{40}^{13}\ \Phi_{20}^{13}\ \Phi_{16}^{10}\ \Phi_{10}^{13}\ \Phi_{8}^{10}\ \Phi_{5}^{13}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
52872	1001	304	$\frac{3}{76}$	$\frac{3}{16}$	$\frac{73}{304}$	$\frac{1}{4}$	$\Phi_{304}^{3}\ \Phi_{152}^{3}\ \Phi_{76}^{4}\ \Phi_{38}^{4}\ \Phi_{19}^{4}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
52873	1001	1520	$\frac{1}{19}$	$\frac{3}{16}$	$\frac{18}{95}$	$\frac{1}{4}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{95}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
52874	1001	304	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{304}^{4}\ \Phi_{152}^{4}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{16}^{5}\ \Phi_{8}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
52875	1001	48	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{48}^{28}\ \Phi_{24}^{16}\ \Phi_{16}^{21}\ \Phi_{12}^{19}\ \Phi_{8}^{12}\ \Phi_{6}^{19}\ \Phi_{4}^{14}\ \Phi_{3}^{19}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
52876	1001	160	$\frac{17}{160}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{160}^{7}\ \Phi_{80}^{7}\ \Phi_{40}^{3}\ \Phi_{32}^{7}\ \Phi_{20}^{4}\ \Phi_{16}^{7}\ \Phi_{10}^{4}\ \Phi_{8}^{6}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
52877	1001	168	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{25}{168}$	$\frac{1}{4}$	$\Phi_{168}^{7}\ \Phi_{84}^{7}\ \Phi_{56}^{3}\ \Phi_{42}^{7}\ \Phi_{28}^{4}\ \Phi_{24}^{7}\ \Phi_{21}^{7}\ \Phi_{14}^{4}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{7}^{4}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
52878	1001	1152	$\frac{1}{8}$	$\frac{151}{1152}$	$\frac{7}{48}$	$\frac{41}{192}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
52879	1001	672	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{224}^{2}\ \Phi_{112}^{2}\ \Phi_{96}\ \Phi_{48}\ \Phi_{42}^{2}\ \Phi_{32}\ \Phi_{21}^{2}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
52880	1001	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{45}$	$\frac{37}{180}$	$\Phi_{360}^{3}\ \Phi_{180}^{2}\ \Phi_{120}^{3}\ \Phi_{90}^{2}\ \Phi_{72}^{4}\ \Phi_{60}^{2}\ \Phi_{45}^{3}\ \Phi_{40}^{3}\ \Phi_{36}^{3}\ \Phi_{30}^{2}\ \Phi_{24}^{4}\ \Phi_{20}^{2}\ \Phi_{18}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
52881	1001	75	$\frac{3}{25}$	$\frac{2}{15}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{75}^{15}\ \Phi_{25}^{9}\ \Phi_{15}^{17}\ \Phi_{5}^{10}\ \Phi_{3}^{17}\ \Phi_{1}^{11}$
52882	1001	1200	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{199}{1200}$	$\frac{41}{240}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
52883	1002	1660	$\frac{1}{166}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{165}{332}$	$\Phi_{1660}\ \Phi_{332}^{2}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
52884	1002	996	$\frac{1}{166}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{165}{332}$	$\Phi_{996}\ \Phi_{498}^{2}\ \Phi_{249}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
52885	1002	286	$\frac{1}{143}$	$\frac{24}{143}$	$\frac{119}{286}$	$\frac{71}{143}$	$\Phi_{286}^{6}\ \Phi_{143}\ \Phi_{26}^{6}\ \Phi_{22}^{6}\ \Phi_{13}\ \Phi_{11}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
52886	1002	994	$\frac{4}{497}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{493}{994}$	$\Phi_{994}^{2}\ \Phi_{142}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
52887	1002	910	$\frac{1}{91}$	$\frac{46}{455}$	$\frac{409}{910}$	$\frac{45}{91}$	$\Phi_{910}^{2}\ \Phi_{182}^{2}\ \Phi_{130}^{2}\ \Phi_{91}\ \Phi_{70}^{2}\ \Phi_{26}^{2}\ \Phi_{14}^{2}\ \Phi_{13}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
52888	1002	330	$\frac{2}{165}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{163}{330}$	$\Phi_{330}^{6}\ \Phi_{110}^{6}\ \Phi_{66}^{6}\ \Phi_{30}^{6}\ \Phi_{22}^{6}\ \Phi_{11}\ \Phi_{10}^{6}\ \Phi_{6}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
52889	1002	2310	$\frac{2}{165}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{163}{330}$	$\Phi_{2310}\ \Phi_{770}\ \Phi_{462}\ \Phi_{210}\ \Phi_{154}\ \Phi_{70}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
52890	1002	660	$\frac{2}{165}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{163}{330}$	$\Phi_{660}^{2}\ \Phi_{220}^{2}\ \Phi_{165}^{2}\ \Phi_{132}^{2}\ \Phi_{60}^{2}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{10}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
52891	1002	308	$\frac{1}{77}$	$\frac{13}{154}$	$\frac{141}{308}$	$\frac{38}{77}$	$\Phi_{308}^{6}\ \Phi_{77}\ \Phi_{44}^{6}\ \Phi_{28}^{6}\ \Phi_{11}\ \Phi_{7}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
52892	1002	231	$\frac{1}{77}$	$\frac{13}{77}$	$\frac{64}{231}$	$\frac{38}{77}$	$\Phi_{231}^{6}\ \Phi_{77}\ \Phi_{33}^{6}\ \Phi_{21}^{6}\ \Phi_{11}\ \Phi_{7}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
52893	1002	616	$\frac{1}{77}$	$\frac{115}{616}$	$\frac{39}{154}$	$\frac{38}{77}$	$\Phi_{616}^{2}\ \Phi_{308}^{2}\ \Phi_{88}^{2}\ \Phi_{77}\ \Phi_{56}^{2}\ \Phi_{44}^{2}\ \Phi_{28}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
52894	1002	988	$\frac{7}{494}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{487}{988}$	$\Phi_{988}^{2}\ \Phi_{76}^{2}\ \Phi_{52}^{2}\ \Phi_{13}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
52895	1002	804	$\frac{1}{67}$	$\frac{34}{201}$	$\frac{1}{4}$	$\frac{33}{67}$	$\Phi_{804}^{2}\ \Phi_{402}^{2}\ \Phi_{268}\ \Phi_{134}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
52896	1002	329	$\frac{5}{329}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{162}{329}$	$\Phi_{329}^{3}\ \Phi_{47}^{3}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
52897	1002	224	$\frac{1}{56}$	$\frac{1}{7}$	$\frac{57}{224}$	$\frac{55}{112}$	$\Phi_{224}^{6}\ \Phi_{56}^{6}\ \Phi_{32}^{6}\ \Phi_{28}^{6}\ \Phi_{14}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
52898	1002	2296	$\frac{3}{164}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{161}{328}$	$\Phi_{2296}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
52899	1002	980	$\frac{11}{490}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{479}{980}$	$\Phi_{980}^{2}\ \Phi_{196}^{2}\ \Phi_{140}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
52900	1002	325	$\frac{9}{325}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{158}{325}$	$\Phi_{325}^{3}\ \Phi_{65}^{3}\ \Phi_{25}^{3}\ \Phi_{13}^{5}\ \Phi_{5}^{3}\ \Phi_{1}^{6}$
52901	1002	2268	$\frac{5}{162}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{157}{324}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{252}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
52902	1002	968	$\frac{17}{484}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{467}{968}$	$\Phi_{968}^{2}\ \Phi_{88}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
52903	1002	676	$\frac{6}{169}$	$\frac{1}{13}$	$\frac{175}{676}$	$\frac{163}{338}$	$\Phi_{676}^{2}\ \Phi_{169}^{2}\ \Phi_{52}^{2}\ \Phi_{13}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
52904	1002	322	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{155}{322}$	$\Phi_{322}^{6}\ \Phi_{46}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
52905	1002	1344	$\frac{1}{24}$	$\frac{25}{192}$	$\frac{1}{7}$	$\frac{23}{48}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
52906	1002	2240	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{153}{320}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
52907	1002	952	$\frac{25}{476}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{451}{952}$	$\Phi_{952}^2\ \Phi_{136}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
52908	1002	560	$\frac{3}{56}$	$\frac{59}{560}$	$\frac{1}{7}$	$\frac{53}{112}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
52909	1002	315	$\frac{19}{315}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{148}{315}$	$\Phi_{315}^3\ \Phi_{105}^3\ \Phi_{63}^3\ \Phi_{45}^3\ \Phi_{35}^3\ \Phi_{21}^6\ \Phi_{15}^3\ \Phi_9^3\ \Phi_7^5\ \Phi_5^3\ \Phi_3^6\ \Phi_1^6$
52910	1002	312	$\frac{11}{156}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{145}{312}$	$\Phi_{312}^6\ \Phi_{104}^6\ \Phi_{24}^6\ \Phi_{13}^5\ \Phi_8^6\ \Phi_1^6$
52911	1002	2184	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{145}{312}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
52912	1002	247	$\frac{7}{247}$	$\frac{1}{13}$	$\frac{80}{247}$	$\frac{6}{13}$	$\Phi_{247}^4\ \Phi_{19}^4\ \Phi_{13}^5\ \Phi_1^6$
52913	1002	520	$\frac{19}{520}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{520}^2\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{104}^2\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
52914	1002	308	$\frac{2}{77}$	$\frac{13}{154}$	$\frac{25}{77}$	$\frac{141}{308}$	$\Phi_{308}^6\ \Phi_{77}\ \Phi_{44}^6\ \Phi_{28}^6\ \Phi_{11}\ \Phi_7\ \Phi_4^6\ \Phi_1^2$
52915	1002	308	$\frac{5}{77}$	$\frac{13}{154}$	$\frac{12}{77}$	$\frac{141}{308}$	$\Phi_{308}^6\ \Phi_{77}\ \Phi_{44}^6\ \Phi_{28}^6\ \Phi_{11}\ \Phi_7\ \Phi_4^6\ \Phi_1^2$
52916	1002	308	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{7}$	$\frac{141}{308}$	$\Phi_{308}^6\ \Phi_{44}^6\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
52917	1002	220	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{53}{220}$	$\frac{5}{11}$	$\Phi_{220}^6\ \Phi_{110}^6\ \Phi_{44}^6\ \Phi_{22}^6\ \Phi_{20}^6\ \Phi_{11}\ \Phi_{10}^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^2$
52918	1002	176	$\frac{9}{176}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{176}^6\ \Phi_{88}^6\ \Phi_{44}^6\ \Phi_{22}^6\ \Phi_{16}^6\ \Phi_{11}\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^2$
52919	1002	198	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{31}{198}$	$\frac{5}{11}$	$\Phi_{198}^6\ \Phi_{99}^6\ \Phi_{66}^6\ \Phi_{22}^6\ \Phi_{18}^6\ \Phi_{11}\ \Phi_9^6\ \Phi_6^6\ \Phi_2^6\ \Phi_1^2$
52920	1002	550	$\frac{49}{550}$	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{5}{11}$	$\Phi_{550}^2\ \Phi_{275}^2\ \Phi_{110}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_2^2\ \Phi_1^2$
52921	1002	896	$\frac{3}{56}$	$\frac{53}{448}$	$\frac{1}{7}$	$\frac{395}{896}$	$\Phi_{896}^2\ \Phi_{128}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
52922	1002	1232	$\frac{9}{176}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{77}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
52923	1002	294	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{1}{7}$	$\frac{127}{294}$	$\Phi_{294}^6\ \Phi_{98}^6\ \Phi_{42}^6\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
52924	1002	182	$\frac{1}{13}$	$\frac{15}{182}$	$\frac{2}{13}$	$\frac{11}{26}$	$\Phi_{182}^6\ \Phi_{91}^6\ \Phi_{14}^6\ \Phi_{13}^5\ \Phi_7^6\ \Phi_1^6$
52925	1002	2016	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{23}{144}$	$\frac{121}{288}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{224}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
52926	1002	286	$\frac{5}{143}$	$\frac{23}{143}$	$\frac{24}{143}$	$\frac{119}{286}$	$\Phi_{286}^6\ \Phi_{143}\ \Phi_{26}^6\ \Phi_{22}^6\ \Phi_{13}\ \Phi_{11}\ \Phi_2^6\ \Phi_1^2$
52927	1002	845	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{157}{845}$	$\frac{344}{845}$	$\Phi_{845}\ \Phi_{169}^2\ \Phi_{65}\ \Phi_{13}\ \Phi_5\ \Phi_1^2$
52928	1002	280	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{27}{140}$	$\frac{113}{280}$	$\Phi_{280}^6\ \Phi_{56}^6\ \Phi_{40}^6\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
52929	1002	1245	$\frac{1}{83}$	$\frac{1}{5}$	$\frac{82}{249}$	$\frac{2}{5}$	$\Phi_{1245}\ \Phi_{249}^2\ \Phi_{15}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
52930	1002	340	$\frac{3}{170}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{340}^4\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{68}^4\ \Phi_{34}^2\ \Phi_{20}^3\ \Phi_{17}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
52931	1002	273	$\frac{1}{91}$	$\frac{61}{273}$	$\frac{30}{91}$	$\frac{106}{273}$	$\Phi_{273}^3\ \Phi_{91}^5\ \Phi_{39}^3\ \Phi_{21}^3\ \Phi_{13}^5\ \Phi_7^5\ \Phi_3^3\ \Phi_1^6$
52932	1002	176	$\frac{9}{176}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{176}^6\ \Phi_{88}^6\ \Phi_{44}^4\ \Phi_{22}^6\ \Phi_{16}^6\ \Phi_{11}^5\ \Phi_8^6\ \Phi_4^4\ \Phi_2^6\ \Phi_1^6$
52933	1002	169	$\frac{2}{169}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{169}^6\ \Phi_{13}^5\ \Phi_1^6$
52934	1002	268	$\frac{1}{67}$	$\frac{33}{134}$	$\frac{1}{4}$	$\frac{101}{268}$	$\Phi_{268}^3\ \Phi_{134}^5\ \Phi_{67}^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
52935	1002	728	$\frac{1}{91}$	$\frac{45}{182}$	$\frac{227}{728}$	$\frac{137}{364}$	$\Phi_{728}^2\ \Phi_{182}^2\ \Phi_{104}^2\ \Phi_{91}\ \Phi_{56}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
52936	1002	182	$\frac{4}{91}$	$\frac{15}{182}$	$\frac{29}{91}$	$\frac{31}{91}$	$\Phi_{182}^6\ \Phi_{91}^5\ \Phi_{26}^6\ \Phi_{14}^6\ \Phi_{13}^5\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
52937	1002	253	$\frac{10}{253}$	$\frac{1}{11}$	$\frac{81}{253}$	$\frac{86}{253}$	$\Phi_{253}^4\ \Phi_{23}^4\ \Phi_{11}^3\ \Phi_1^4$
52938	1002	252	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{41}{126}$	$\frac{85}{252}$	$\Phi_{252}^6\ \Phi_{84}^6\ \Phi_{42}^6\ \Phi_{36}^6\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_7^5\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
52939	1002	996	$\frac{1}{83}$	$\frac{1}{4}$	$\frac{82}{249}$	$\frac{1}{3}$	$\Phi_{996}\ \Phi_{498}\ \Phi_{332}^2\ \Phi_{166}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
52940	1002	1386	$\frac{2}{33}$	$\frac{1}{7}$	$\frac{31}{198}$	$\frac{1}{3}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{154}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
52941	1002	1260	$\frac{13}{180}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
52942	1002	1980	$\frac{4}{165}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{161}{495}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{396}\ \Phi_{198}\ \Phi_{180}\ \Phi_{90}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}$
52943	1002	231	$\frac{2}{77}$	$\frac{13}{77}$	$\frac{64}{231}$	$\frac{25}{77}$	$\Phi_{231}^6\ \Phi_{77}\ \Phi_{33}^6\ \Phi_{21}^6\ \Phi_{11}\ \Phi_7\ \Phi_3^6\ \Phi_1^2$
52944	1002	1512	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{49}{216}$	$\frac{23}{72}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
52945	1002	242	$\frac{17}{242}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{75}{242}$	$\Phi_{242}^4\ \Phi_{121}^4\ \Phi_{22}^6\ \Phi_{11}^5\ \Phi_2^6\ \Phi_1^6$
52946	1002	195	$\frac{1}{13}$	$\frac{9}{65}$	$\frac{28}{195}$	$\frac{4}{13}$	$\Phi_{195}^6\ \Phi_{65}^3\ \Phi_{39}^6\ \Phi_{15}^6\ \Phi_{13}^5\ \Phi_5^3\ \Phi_3^6\ \Phi_1^6$
52947	1002	1680	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{73}{240}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
52948	1002	189	$\frac{2}{21}$	$\frac{22}{189}$	$\frac{1}{7}$	$\frac{19}{63}$	$\Phi_{189}^6\ \Phi_{63}^3\ \Phi_{27}^6\ \Phi_{21}^6\ \Phi_9^3\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
52949	1002	234	$\frac{1}{13}$	$\frac{11}{78}$	$\frac{2}{13}$	$\frac{67}{234}$	$\Phi_{234}^6\ \Phi_{117}^6\ \Phi_{18}^6\ \Phi_{13}^5\ \Phi_9^6\ \Phi_1^6$
52950	1002	195	$\frac{1}{13}$	$\frac{28}{195}$	$\frac{2}{13}$	$\frac{11}{39}$	$\Phi_{195}^6\ \Phi_{65}^6\ \Phi_{15}^6\ \Phi_{13}^5\ \Phi_5^6\ \Phi_1^6$
52951	1002	1260	$\frac{13}{180}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
52952	1002	231	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{13}{77}$	$\frac{64}{231}$	$\Phi_{231}^6\ \Phi_{77}\ \Phi_{33}^6\ \Phi_{21}^6\ \Phi_{11}\ \Phi_7\ \Phi_3^6\ \Phi_1^2$
52953	1002	182	$\frac{15}{182}$	$\frac{11}{91}$	$\frac{16}{91}$	$\frac{25}{91}$	$\Phi_{182}^6\ \Phi_{91}^5\ \Phi_{26}^6\ \Phi_{14}^6\ \Phi_{13}^5\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
52954	1002	1380	$\frac{11}{345}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{276}\ \Phi_{230}\ \Phi_{138}\ \Phi_{92}\ \Phi_{46}\ \Phi_{20}\ \Phi_{10}$
52955	1002	224	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{53}{224}$	$\frac{57}{224}$	$\Phi_{224}^4\ \Phi_{112}^4\ \Phi_{56}^6\ \Phi_{32}^4\ \Phi_{28}^6\ \Phi_{16}^4\ \Phi_{14}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
52956	1002	220	$\frac{2}{55}$	$\frac{1}{5}$	$\frac{53}{220}$	$\frac{1}{4}$	$\Phi_{220}^4\ \Phi_{110}^4\ \Phi_{55}^6\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{20}^5\ \Phi_{11}^6\ \Phi_{10}^5\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
52957	1002	180	$\frac{13}{180}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^4\ \Phi_{45}^6\ \Phi_{36}^6\ \Phi_{30}^4\ \Phi_{20}^5\ \Phi_{18}^6\ \Phi_{15}^6\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_9^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
52958	1002	1540	$\frac{4}{55}$	$\frac{51}{385}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{308}\ \Phi_{154}\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
52959	1002	1512	$\frac{5}{54}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{49}{216}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
52960	1002	1344	$\frac{1}{8}$	$\frac{25}{192}$	$\frac{1}{7}$	$\frac{7}{32}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
52961	1002	560	$\frac{59}{560}$	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{3}{14}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
52962	1002	196	$\frac{11}{98}$	$\frac{1}{7}$	$\frac{29}{196}$	$\frac{3}{14}$	$\Phi_{196}^6\ \Phi_{98}^4\ \Phi_{49}^6\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
52963	1002	208	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{41}{208}$	$\frac{11}{52}$	$\Phi_{208}^6\ \Phi_{104}^6\ \Phi_{16}^6\ \Phi_{13}^5\ \Phi_8^6\ \Phi_1^6$
52964	1002	210	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{105}$	$\frac{43}{210}$	$\Phi_{210}^6\ \Phi_{105}^3\ \Phi_{70}^6\ \Phi_{42}^6\ \Phi_{35}^3\ \Phi_{30}^6\ \Phi_{21}^6\ \Phi_{15}^3\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7^5\ \Phi_6^6\ \Phi_5^3\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
52965	1002	1400	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{33}{200}$	$\frac{7}{40}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
52966	1003	1992	$\frac{7}{996}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{989}{1992}$	$\Phi_{1992}\ \Phi_{664}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
52967	1003	1206	$\frac{2}{201}$	$\frac{203}{1206}$	$\frac{1}{3}$	$\frac{199}{402}$	$\Phi_{1206}\ \Phi_{603}\ \Phi_{201}\ \Phi_{67}\ \Phi_{18}\ \Phi_9\ \Phi_1$
52968	1003	1980	$\frac{13}{990}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{977}{1980}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{132}\ \Phi_{60}\ \Phi_{44}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
52969	1003	1980	$\frac{13}{990}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{977}{1980}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{132}\ \Phi_{60}\ \Phi_{44}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
52970	1003	1344	$\frac{5}{336}$	$\frac{1}{6}$	$\frac{341}{1344}$	$\frac{331}{672}$	$\Phi_{1344}\ \Phi_{448}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
52971	1003	928	$\frac{1}{58}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{57}{116}$	$\Phi_{928}^2\ \Phi_{116}\ \Phi_{32}^3\ \Phi_4\ \Phi_1$
52972	1003	696	$\frac{1}{58}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{57}{116}$	$\Phi_{696}^2\ \Phi_{348}^2\ \Phi_{174}^2\ \Phi_{116}\ \Phi_{87}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
52973	1003	580	$\frac{1}{58}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{57}{116}$	$\Phi_{580}^2\ \Phi_{290}^2\ \Phi_{145}^2\ \Phi_{116}\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
52974	1003	1968	$\frac{19}{984}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{965}{1968}$	$\Phi_{1968}\ \Phi_{656}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
52975	1003	1944	$\frac{31}{972}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{941}{1944}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{216}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
52976	1003	1152	$\frac{5}{144}$	$\frac{149}{1152}$	$\frac{1}{6}$	$\frac{139}{288}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
52977	1003	342	$\frac{2}{57}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{342}^3\ \Phi_{171}^3\ \Phi_{114}^2\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{19}^3\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
52978	1003	1932	$\frac{37}{966}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{929}{1932}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{276}\ \Phi_{92}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
52979	1003	1920	$\frac{43}{960}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{917}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
52980	1003	720	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{80}\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}$ $\Phi_{18}\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
52981	1003	1008	$\frac{3}{56}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{144}^2\ \Phi_{112}\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4$ $\Phi_3\ \Phi_1$
52982	1003	2784	$\frac{1}{29}$	$\frac{1}{16}$	$\frac{28}{87}$	$\frac{15}{32}$	$\Phi_{2784}\ \Phi_{96}\ \Phi_{87}\ \Phi_{32}\ \Phi_3\ \Phi_1$
52983	1003	1872	$\frac{5}{72}$	$\frac{67}{936}$	$\frac{1}{6}$	$\frac{869}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9$ $\Phi_8\ \Phi_4\ \Phi_1$
52984	1003	990	$\frac{1}{18}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{99}\ \Phi_{90}^2\ \Phi_{66}\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{30}^2$ $\Phi_{18}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
52985	1003	72	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{72}^{11}\ \Phi_{36}^{17}\ \Phi_{24}^{12}\ \Phi_{18}^{16}\ \Phi_{12}^{17}\ \Phi_9^{16}\ \Phi_8^{12}\ \Phi_6^{16}\ \Phi_4^{17}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
52986	1003	1848	$\frac{5}{84}$	$\frac{79}{924}$	$\frac{1}{6}$	$\frac{845}{1848}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{168}\ \Phi_{88}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}$ $\Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
52987	1003	108	$\frac{1}{18}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{108}^{17}\ \Phi_{36}^{17}\ \Phi_{18}^5\ \Phi_{12}^{17}\ \Phi_9^5\ \Phi_6^4\ \Phi_4^{17}\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
52988	1003	1056	$\frac{53}{1056}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}$ $\Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
52989	1003	60	$\frac{1}{60}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{60}^{17}\ \Phi_{30}^{16}\ \Phi_{20}^{17}\ \Phi_{15}^{17}\ \Phi_{12}^{17}\ \Phi_{10}^{16}\ \Phi_6^{16}\ \Phi_5^{17}\ \Phi_4^{17}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
52990	1003	1764	$\frac{5}{126}$	$\frac{121}{882}$	$\frac{1}{6}$	$\frac{761}{1764}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{252}\ \Phi_{196}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}$ $\Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
52991	1003	1728	$\frac{5}{144}$	$\frac{139}{864}$	$\frac{1}{6}$	$\frac{725}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}$ $\Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
52992	1003	120	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{120}^{12}\ \Phi_{60}^5\ \Phi_{40}^{12}\ \Phi_{30}^5\ \Phi_{24}^{11}\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_8^{11}\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5$ $\Phi_3^4\ \Phi_2^4\ \Phi_1^5$
52993	1003	900	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{900}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{100}\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}^2$ $\Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
52994	1003	1680	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{163}{840}$	$\frac{677}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{80}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}$ $\Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
52995	1003	288	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{288}^6\ \Phi_{96}^5\ \Phi_{36}^6\ \Phi_{32}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
52996	1003	1608	$\frac{2}{201}$	$\frac{199}{804}$	$\frac{1}{3}$	$\frac{605}{1608}$	$\Phi_{1608}\ \Phi_{536}\ \Phi_{201}\ \Phi_{67}\ \Phi_{24}\ \Phi_8\ \Phi_1$
52997	1003	576	$\frac{1}{18}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{64}\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^2$ $\Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
52998	1003	90	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{90}^{11}\ \Phi_{45}^{12}\ \Phi_{30}^{11}\ \Phi_{18}^{10}\ \Phi_{15}^{11}\ \Phi_{10}^{11}\ \Phi_9^{11}\ \Phi_6^{10}\ \Phi_5^{11}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
52999	1003	1512	$\frac{5}{252}$	$\frac{1}{6}$	$\frac{247}{756}$	$\frac{509}{1512}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}$ $\Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
53000	1003	1485	$\frac{13}{495}$	$\frac{2}{15}$	$\frac{482}{1485}$	$\frac{1}{3}$	$\Phi_{1485}\ \Phi_{297}\ \Phi_{135}\ \Phi_{27}\ \Phi_{15}\ \Phi_5\ \Phi_1$
53001	1003	1035	$\frac{32}{1035}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}\ \Phi_{115}\ \Phi_{69}\ \Phi_{23}\ \Phi_{15}\ \Phi_5\ \Phi_1$
53002	1003	1320	$\frac{13}{330}$	$\frac{2}{15}$	$\frac{317}{1320}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{264}\ \Phi_{220}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{60}\ \Phi_{44}\ \Phi_{40}$ $\Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
53003	1003	1080	$\frac{77}{1080}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}$ $\Phi_{60}\ \Phi_{54}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
53004	1003	1155	$\frac{13}{165}$	$\frac{152}{1155}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{105}\ \Phi_{77}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_1$
53005	1003	696	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{28}{87}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{232}^2\ \Phi_{174}\ \Phi_{116}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2$ $\Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
53006	1003	1740	$\frac{1}{29}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{28}{87}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{87}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$
53007	1003	1296	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{293}{1296}$	$\frac{139}{432}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}$ $\Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
53008	1003	1440	$\frac{43}{480}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{437}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}$ $\Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
53009	1003	252	$\frac{1}{18}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^3\ \Phi_{63}^4\ \Phi_{42}^3\ \Phi_{36}^6\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{18}^5\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_9^5$ $\Phi_7^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
53010	1003	1080	$\frac{77}{1080}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}$ $\Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5$ $\Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
53011	1003	72	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{72}^{17}\ \Phi_{36}^{17}\ \Phi_{24}^{17}\ \Phi_{18}^{5}\ \Phi_{12}^{17}\ \Phi_{9}^{5}\ \Phi_{8}^{17}\ \Phi_{6}^{4}\ \Phi_{4}^{17}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
53012	1003	1188	$\frac{13}{198}$	$\frac{185}{1188}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{132}\ \Phi_{108}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
53013	1003	1080	$\frac{77}{1080}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
53014	1003	1296	$\frac{31}{324}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{293}{1296}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
53015	1003	1152	$\frac{5}{48}$	$\frac{149}{1152}$	$\frac{1}{6}$	$\frac{43}{192}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
53016	1003	1200	$\frac{5}{48}$	$\frac{197}{1200}$	$\frac{1}{6}$	$\frac{43}{240}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
53017	1004	1500	$\frac{1}{250}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{249}{500}$	$\Phi_{1500}\ \Phi_{500}^{2}\ \Phi_{300}\ \Phi_{100}^{2}\ \Phi_{60}\ \Phi_{20}^{2}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
53018	1004	2490	$\frac{2}{249}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{247}{498}$	$\Phi_{2490}\ \Phi_{830}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
53019	1004	1680	$\frac{1}{84}$	$\frac{1}{5}$	$\frac{85}{336}$	$\frac{83}{168}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{420}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
53020	1004	2480	$\frac{3}{248}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{245}{496}$	$\Phi_{2480}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
53021	1004	472	$\frac{1}{59}$	$\frac{15}{236}$	$\frac{221}{472}$	$\frac{29}{59}$	$\Phi_{472}^{4}\ \Phi_{59}\ \Phi_{8}^{4}\ \Phi_{1}^{2}$
53022	1004	354	$\frac{1}{59}$	$\frac{15}{118}$	$\frac{103}{354}$	$\frac{29}{59}$	$\Phi_{354}^{4}\ \Phi_{177}^{4}\ \Phi_{59}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
53023	1004	295	$\frac{1}{59}$	$\frac{44}{295}$	$\frac{15}{59}$	$\frac{29}{59}$	$\Phi_{295}^{4}\ \Phi_{59}\ \Phi_{5}^{4}\ \Phi_{1}^{2}$
53024	1004	493	$\frac{9}{493}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{242}{493}$	$\Phi_{493}^{2}\ \Phi_{29}^{2}\ \Phi_{17}^{3}\ \Phi_{1}^{4}$
53025	1004	2460	$\frac{5}{246}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{241}{492}$	$\Phi_{2460}\ \Phi_{820}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
53026	1004	490	$\frac{6}{245}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{239}{490}$	$\Phi_{490}^{4}\ \Phi_{98}^{4}\ \Phi_{70}^{4}\ \Phi_{35}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{2}^{4}$
53027	1004	1440	$\frac{1}{36}$	$\frac{37}{288}$	$\frac{1}{5}$	$\frac{35}{72}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
53028	1004	2430	$\frac{8}{243}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{235}{486}$	$\Phi_{2430}\ \Phi_{810}\ \Phi_{270}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
53029	1004	280	$\frac{1}{28}$	$\frac{29}{280}$	$\frac{1}{5}$	$\frac{27}{56}$	$\Phi_{280}^{3}\ \Phi_{140}^{4}\ \Phi_{70}^{4}\ \Phi_{56}^{4}\ \Phi_{40}^{3}\ \Phi_{35}^{4}\ \Phi_{28}^{4}\ \Phi_{20}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
53030	1004	969	$\frac{35}{969}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{467}{969}$	$\Phi_{969}\ \Phi_{323}\ \Phi_{57}\ \Phi_{51}^{2}\ \Phi_{19}\ \Phi_{17}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
53031	1004	480	$\frac{11}{240}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{229}{480}$	$\Phi_{480}^{4}\ \Phi_{160}^{4}\ \Phi_{96}^{4}\ \Phi_{60}\ \Phi_{32}^{4}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
53032	1004	340	$\frac{4}{85}$	$\frac{1}{17}$	$\frac{89}{340}$	$\frac{81}{170}$	$\Phi_{340}^{4}\ \Phi_{85}^{4}\ \Phi_{68}^{4}\ \Phi_{20}^{4}\ \Phi_{17}^{3}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
53033	1004	476	$\frac{13}{238}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{225}{476}$	$\Phi_{476}^{4}\ \Phi_{68}^{4}\ \Phi_{28}^{4}\ \Phi_{17}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
53034	1004	2380	$\frac{13}{238}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{225}{476}$	$\Phi_{2380}\ \Phi_{340}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
53035	1004	2340	$\frac{1}{18}$	$\frac{17}{234}$	$\frac{1}{5}$	$\frac{217}{468}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{260}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
53036	1004	935	$\frac{1}{17}$	$\frac{69}{935}$	$\frac{16}{85}$	$\frac{433}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}^{2}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
53037	1004	306	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{55}{306}$	$\frac{47}{102}$	$\Phi_{306}^{4}\ \Phi_{153}^{4}\ \Phi_{51}^{4}\ \Phi_{18}^{4}\ \Phi_{17}^{3}\ \Phi_{9}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
53038	1004	1320	$\frac{13}{264}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
53039	1004	2310	$\frac{1}{21}$	$\frac{20}{231}$	$\frac{1}{5}$	$\frac{211}{462}$	$\Phi_{2310}\ \Phi_{770}\ \Phi_{330}\ \Phi_{210}\ \Phi_{110}\ \Phi_{105}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
53040	1004	459	$\frac{1}{17}$	$\frac{43}{459}$	$\frac{8}{51}$	$\frac{208}{459}$	$\Phi_{459}^{2}\ \Phi_{153}^{2}\ \Phi_{51}^{4}\ \Phi_{27}^{2}\ \Phi_{17}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
53041	1004	2240	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{1}{5}$	$\frac{197}{448}$	$\Phi_{2240}\ \Phi_{320}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
53042	1004	885	$\frac{1}{59}$	$\frac{119}{885}$	$\frac{58}{177}$	$\frac{383}{885}$	$\Phi_{885}\ \Phi_{295}\ \Phi_{177}^{2}\ \Phi_{59}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
53043	1004	2160	$\frac{1}{36}$	$\frac{35}{216}$	$\frac{1}{5}$	$\frac{181}{432}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{240}\ \Phi_{180}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
53044	1004	354	$\frac{1}{59}$	$\frac{29}{177}$	$\frac{103}{354}$	$\frac{74}{177}$	$\Phi_{354}^{4}\ \Phi_{177}^{2}\ \Phi_{118}^{4}\ \Phi_{59}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
53045	1004	255	$\frac{4}{255}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{255}^{4}\ \Phi_{85}^{4}\ \Phi_{51}^{4}\ \Phi_{17}^{3}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
53046	1004	425	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{77}{425}$	$\frac{174}{425}$	$\Phi_{425}^{2}\ \Phi_{85}^{4}\ \Phi_{25}^{2}\ \Phi_{17}^{3}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
53047	1004	420	$\frac{1}{42}$	$\frac{41}{210}$	$\frac{1}{5}$	$\frac{169}{420}$	$\Phi_{420}^4\ \Phi_{210}\ \Phi_{140}^4\ \Phi_{105}\ \Phi_{84}^4\ \Phi_{70}\ \Phi_{60}^4\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}\ \Phi_4^4$
53048	1004	408	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{47}{204}$	$\frac{157}{408}$	$\Phi_{408}^4\ \Phi_{136}^4\ \Phi_{51}^4\ \Phi_{24}^4\ \Phi_{17}^3\ \Phi_8^4\ \Phi_3^4\ \Phi_1^4$
53049	1004	272	$\frac{1}{17}$	$\frac{21}{272}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{272}^4\ \Phi_{136}^4\ \Phi_{68}^4\ \Phi_{17}^3\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_1^4$
53050	1004	1280	$\frac{5}{256}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
53051	1004	765	$\frac{1}{17}$	$\frac{16}{255}$	$\frac{239}{765}$	$\frac{263}{765}$	$\Phi_{765}\ \Phi_{255}^2\ \Phi_{153}\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{45}\ \Phi_{17}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
53052	1004	1890	$\frac{1}{63}$	$\frac{1}{5}$	$\frac{62}{189}$	$\frac{127}{378}$	$\Phi_{1890}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
53053	1004	375	$\frac{1}{125}$	$\frac{124}{375}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{375}^3\ \Phi_{125}^2\ \Phi_{75}^3\ \Phi_{25}^2\ \Phi_{15}^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
53054	1004	255	$\frac{4}{255}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{255}^4\ \Phi_{85}^4\ \Phi_{51}^4\ \Phi_{17}^4\ \Phi_{15}^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
53055	1004	300	$\frac{1}{50}$	$\frac{49}{300}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{300}^4\ \Phi_{150}^3\ \Phi_{100}^4\ \Phi_{75}^3\ \Phi_{60}^4\ \Phi_{50}^2\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
53056	1004	780	$\frac{9}{260}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}^2\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{13}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
53057	1004	825	$\frac{1}{25}$	$\frac{24}{275}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{825}\ \Phi_{275}^2\ \Phi_{165}\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
53058	1004	1860	$\frac{3}{124}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{121}{372}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{465}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
53059	1004	1620	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{73}{324}$	$\frac{35}{108}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
53060	1004	360	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{5}$	$\frac{109}{360}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}\ \Phi_9^4$
53061	1004	357	$\frac{1}{17}$	$\frac{13}{119}$	$\frac{4}{17}$	$\frac{106}{357}$	$\Phi_{357}^4\ \Phi_{51}^4\ \Phi_{21}^4\ \Phi_{17}^3\ \Phi_3^4\ \Phi_1^4$
53062	1004	270	$\frac{19}{270}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{270}^4\ \Phi_{135}^3\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
53063	1004	306	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{55}{306}$	$\frac{43}{153}$	$\Phi_{306}^4\ \Phi_{153}^2\ \Phi_{102}^4\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{18}^4\ \Phi_{17}^3\ \Phi_9^2\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
53064	1004	1680	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{27}{112}$	$\frac{85}{336}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
53065	1004	1440	$\frac{1}{12}$	$\frac{37}{288}$	$\frac{1}{5}$	$\frac{11}{48}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{180}\ \Phi_{160}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
53066	1004	1620	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{73}{324}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
53067	1004	300	$\frac{1}{12}$	$\frac{49}{300}$	$\frac{11}{60}$	$\frac{1}{5}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^4\ \Phi_{60}\ \Phi_{50}^4\ \Phi_{30}\ \Phi_{25}^4\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
53068	1004	280	$\frac{29}{280}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{35}\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4$
53069	1004	1470	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{294}$	$\frac{1}{5}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
53070	1005	400	$\frac{1}{200}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{199}{400}$	$\Phi_{400}^5\ \Phi_{80}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
53071	1005	1332	$\frac{2}{333}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{331}{666}$	$\Phi_{1332}\ \Phi_{444}\ \Phi_{333}\ \Phi_{148}\ \Phi_{111}\ \Phi_{37}\ \Phi_{36}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
53072	1005	448	$\frac{1}{112}$	$\frac{1}{4}$	$\frac{113}{448}$	$\frac{111}{224}$	$\Phi_{448}^3\ \Phi_{112}^3\ \Phi_{64}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
53073	1005	664	$\frac{3}{332}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{329}{664}$	$\Phi_{664}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
53074	1005	1984	$\frac{13}{992}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{979}{1984}$	$\Phi_{1984}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
53075	1005	924	$\frac{1}{66}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{65}{132}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{28}\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
53076	1005	924	$\frac{1}{66}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{65}{132}$	$\Phi_{924}^2\ \Phi_{308}^2\ \Phi_{132}^3\ \Phi_{84}^2\ \Phi_{44}^3\ \Phi_{28}^2\ \Phi_{12}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
53077	1005	132	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{65}{132}$	$\Phi_{132}^5\ \Phi_{66}^{10}\ \Phi_{44}^5\ \Phi_{33}^{10}\ \Phi_{22}^{10}\ \Phi_{12}^7\ \Phi_{11}^{10}\ \Phi_6^{11}\ \Phi_4^6\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
53078	1005	1316	$\frac{6}{329}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{323}{658}$	$\Phi_{1316}\ \Phi_{329}\ \Phi_{188}\ \Phi_{47}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
53079	1005	384	$\frac{1}{48}$	$\frac{49}{384}$	$\frac{1}{4}$	$\frac{47}{96}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
53080	1005	656	$\frac{7}{328}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{321}{656}$	$\Phi_{656}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
53081	1005	392	$\frac{5}{196}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{191}{392}$	$\Phi_{392}^{5}\,\Phi_{56}^{5}\,\Phi_{28}\,\Phi_{14}\,\Phi_{8}^{5}\,\Phi_{7}\,\Phi_{1}$
53082	1005	224	$\frac{3}{112}$	$\frac{23}{224}$	$\frac{1}{4}$	$\frac{109}{224}$	$\Phi_{224}^{4}\,\Phi_{112}^{5}\,\Phi_{56}^{5}\,\Phi_{32}^{4}\,\Phi_{28}^{5}\,\Phi_{16}^{5}\,\Phi_{14}^{5}\,\Phi_{8}^{5}\,\Phi_{7}^{5}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
53083	1005	648	$\frac{11}{324}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{313}{648}$	$\Phi_{648}^{3}\,\Phi_{216}^{3}\,\Phi_{72}^{3}\,\Phi_{24}^{3}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
53084	1005	644	$\frac{13}{322}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{309}{644}$	$\Phi_{644}\,\Phi_{322}^{2}\,\Phi_{161}^{2}\,\Phi_{92}\,\Phi_{46}^{2}\,\Phi_{28}^{3}\,\Phi_{23}^{2}\,\Phi_{14}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
53085	1005	128	$\frac{3}{64}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{128}^{15}\,\Phi_{16}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
53086	1005	1904	$\frac{3}{56}$	$\frac{53}{952}$	$\frac{1}{4}$	$\frac{899}{1904}$	$\Phi_{1904}\,\Phi_{272}\,\Phi_{112}\,\Phi_{56}\,\Phi_{28}\,\Phi_{16}\,\Phi_{14}\,\Phi_{8}\,\Phi_{7}\,\Phi_{1}$
53087	1005	352	$\frac{17}{352}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{352}^{3}\,\Phi_{176}^{3}\,\Phi_{88}^{3}\,\Phi_{44}^{3}\,\Phi_{22}^{3}\,\Phi_{16}^{3}\,\Phi_{11}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
53088	1005	252	$\frac{1}{21}$	$\frac{4}{63}$	$\frac{1}{4}$	$\frac{59}{126}$	$\Phi_{252}^{5}\,\Phi_{84}^{6}\,\Phi_{63}^{5}\,\Phi_{42}\,\Phi_{36}^{5}\,\Phi_{28}^{6}\,\Phi_{21}^{5}\,\Phi_{14}\,\Phi_{12}^{6}\,\Phi_{9}^{5}\,\Phi_{7}^{5}\,\Phi_{6}\,\Phi_{4}^{5}\,\Phi_{3}^{5}\,\Phi_{1}^{5}$
53089	1005	1932	$\frac{2}{69}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{1932}\,\Phi_{644}\,\Phi_{276}\,\Phi_{92}\,\Phi_{69}\,\Phi_{28}\,\Phi_{23}\,\Phi_{4}\,\Phi_{1}$
53090	1005	2772	$\frac{1}{33}$	$\frac{1}{14}$	$\frac{32}{99}$	$\frac{13}{28}$	$\Phi_{2772}\,\Phi_{396}\,\Phi_{252}\,\Phi_{99}\,\Phi_{36}\,\Phi_{28}\,\Phi_{9}\,\Phi_{4}\,\Phi_{1}$
53091	1005	616	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{21}{88}$	$\frac{13}{28}$	$\Phi_{616}^{2}\,\Phi_{154}^{2}\,\Phi_{88}^{3}\,\Phi_{77}^{2}\,\Phi_{56}^{2}\,\Phi_{44}\,\Phi_{28}\,\Phi_{22}^{2}\,\Phi_{14}^{2}\,\Phi_{11}^{2}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
53092	1005	504	$\frac{5}{72}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{504}^{2}\,\Phi_{252}^{2}\,\Phi_{168}^{2}\,\Phi_{126}^{2}\,\Phi_{72}^{3}\,\Phi_{63}^{2}\,\Phi_{56}^{2}\,\Phi_{42}^{2}\,\Phi_{36}^{3}\,\Phi_{28}\,\Phi_{24}^{3}\,\Phi_{21}^{2}\,\Phi_{18}^{3}\,\Phi_{14}^{2}\,\Phi_{12}\,\Phi_{9}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
53093	1005	308	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{13}{28}$	$\Phi_{308}^{6}\,\Phi_{77}\,\Phi_{44}^{6}\,\Phi_{28}^{7}\,\Phi_{7}\,\Phi_{4}^{7}\,\Phi_{1}$
53094	1005	624	$\frac{1}{24}$	$\frac{23}{312}$	$\frac{1}{4}$	$\frac{289}{624}$	$\Phi_{624}^{3}\,\Phi_{208}^{3}\,\Phi_{48}^{3}\,\Phi_{24}^{3}\,\Phi_{16}^{3}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
53095	1005	616	$\frac{1}{28}$	$\frac{27}{308}$	$\frac{1}{4}$	$\frac{281}{616}$	$\Phi_{616}^{3}\,\Phi_{88}^{3}\,\Phi_{56}^{3}\,\Phi_{28}^{3}\,\Phi_{14}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
53096	1005	1792	$\frac{3}{112}$	$\frac{109}{896}$	$\frac{1}{4}$	$\frac{787}{1792}$	$\Phi_{1792}\,\Phi_{256}\,\Phi_{112}\,\Phi_{56}\,\Phi_{28}\,\Phi_{16}\,\Phi_{14}\,\Phi_{8}\,\Phi_{7}\,\Phi_{1}$
53097	1005	588	$\frac{1}{42}$	$\frac{41}{294}$	$\frac{1}{4}$	$\frac{253}{588}$	$\Phi_{588}\,\Phi_{294}^{2}\,\Phi_{196}\,\Phi_{147}^{2}\,\Phi_{98}^{2}\,\Phi_{84}^{3}\,\Phi_{49}^{2}\,\Phi_{42}^{3}\,\Phi_{28}^{3}\,\Phi_{21}^{3}\,\Phi_{14}^{3}\,\Phi_{12}^{3}\,\Phi_{7}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
53098	1005	576	$\frac{1}{48}$	$\frac{47}{288}$	$\frac{1}{4}$	$\frac{241}{576}$	$\Phi_{576}^{3}\,\Phi_{192}^{3}\,\Phi_{64}^{3}\,\Phi_{48}^{3}\,\Phi_{24}^{3}\,\Phi_{16}^{3}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
53099	1005	1024	$\frac{19}{1024}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1024}\,\Phi_{512}\,\Phi_{256}\,\Phi_{128}\,\Phi_{64}\,\Phi_{16}\,\Phi_{8}\,\Phi_{1}$
53100	1005	251	$\frac{6}{251}$	$\frac{49}{251}$	$\frac{50}{251}$	$\frac{101}{251}$	$\Phi_{251}^{4}\,\Phi_{1}^{5}$
53101	1005	112	$\frac{1}{56}$	$\frac{11}{56}$	$\frac{1}{4}$	$\frac{45}{112}$	$\Phi_{112}^{15}\,\Phi_{56}^{3}\,\Phi_{28}^{3}\,\Phi_{16}^{15}\,\Phi_{14}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
53102	1005	200	$\frac{1}{100}$	$\frac{1}{4}$	$\frac{33}{100}$	$\frac{3}{8}$	$\Phi_{200}^{8}\,\Phi_{100}^{2}\,\Phi_{50}^{2}\,\Phi_{40}^{8}\,\Phi_{25}^{2}\,\Phi_{20}^{2}\,\Phi_{10}^{2}\,\Phi_{8}^{9}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
53103	1005	136	$\frac{1}{68}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{136}^{12}\,\Phi_{68}^{3}\,\Phi_{34}^{3}\,\Phi_{17}^{3}\,\Phi_{8}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
53104	1005	1640	$\frac{4}{205}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1640}\,\Phi_{328}\,\Phi_{205}\,\Phi_{41}\,\Phi_{8}\,\Phi_{1}$
53105	1005	1000	$\frac{1}{50}$	$\frac{49}{250}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1000}^{2}\,\Phi_{250}\,\Phi_{125}\,\Phi_{8}\,\Phi_{1}$
53106	1005	80	$\frac{1}{40}$	$\frac{13}{80}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{80}^{15}\,\Phi_{40}^{10}\,\Phi_{20}^{10}\,\Phi_{16}^{15}\,\Phi_{10}^{10}\,\Phi_{8}^{11}\,\Phi_{5}^{10}\,\Phi_{4}^{10}\,\Phi_{2}^{10}\,\Phi_{1}^{11}$
53107	1005	208	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{208}^{5}\,\Phi_{104}^{5}\,\Phi_{52}^{5}\,\Phi_{26}^{5}\,\Phi_{16}^{5}\,\Phi_{13}^{5}\,\Phi_{8}\,\Phi_{1}$
53108	1005	600	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{600}^{3}\,\Phi_{200}^{2}\,\Phi_{120}^{3}\,\Phi_{75}^{3}\,\Phi_{40}^{2}\,\Phi_{25}^{2}\,\Phi_{24}^{3}\,\Phi_{15}^{3}\,\Phi_{8}^{3}\,\Phi_{5}^{2}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
53109	1005	280	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^{6}\,\Phi_{70}^{3}\,\Phi_{56}^{6}\,\Phi_{40}^{4}\,\Phi_{35}^{3}\,\Phi_{14}^{3}\,\Phi_{10}^{2}\,\Phi_{8}^{5}\,\Phi_{7}^{3}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
53110	1005	440	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^{4}\,\Phi_{220}\,\Phi_{110}\,\Phi_{88}^{4}\,\Phi_{55}\,\Phi_{44}\,\Phi_{22}\,\Phi_{11}\,\Phi_{8}\,\Phi_{1}$
53111	1005	144	$\frac{1}{16}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{144}^{8}\,\Phi_{72}^{7}\,\Phi_{48}^{8}\,\Phi_{36}^{7}\,\Phi_{24}^{7}\,\Phi_{18}^{7}\,\Phi_{16}^{3}\,\Phi_{12}^{7}\,\Phi_{9}^{7}\,\Phi_{8}^{3}\,\Phi_{6}^{7}\,\Phi_{4}^{2}\,\Phi_{3}^{7}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
53112	1005	816	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{816}\,\Phi_{408}\,\Phi_{272}^{2}\,\Phi_{204}\,\Phi_{136}^{2}\,\Phi_{68}^{2}\,\Phi_{51}\,\Phi_{48}\,\Phi_{34}\,\Phi_{24}\,\Phi_{17}\,\Phi_{16}\,\Phi_{12}\,\Phi_{8}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
53113	1005	504	$\frac{1}{84}$	$\frac{1}{4}$	$\frac{83}{252}$	$\frac{169}{504}$	$\Phi_{504}^{3}\,\Phi_{168}^{3}\,\Phi_{84}^{3}\,\Phi_{72}^{3}\,\Phi_{56}^{3}\,\Phi_{42}^{3}\,\Phi_{28}^{3}\,\Phi_{24}^{3}\,\Phi_{21}^{3}\,\Phi_{14}^{3}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
53114	1005	483	$\frac{2}{69}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{483}^{2}\,\Phi_{161}^{2}\,\Phi_{69}^{3}\,\Phi_{23}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
53115	1005	444	$\frac{2}{111}$	$\frac{109}{444}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{444}^{2}\,\Phi_{222}^{2}\,\Phi_{148}^{2}\,\Phi_{111}^{3}\,\Phi_{74}^{2}\,\Phi_{37}^{3}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
53116	1005	684	$\frac{7}{342}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{684}^{2}\,\Phi_{342}\,\Phi_{228}^{2}\,\Phi_{171}\,\Phi_{114}\,\Phi_{76}^{2}\,\Phi_{57}\,\Phi_{38}\,\Phi_{36}\,\Phi_{19}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
53117	1005	276	$\frac{2}{69}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{276}^{5}\,\Phi_{138}^{2}\,\Phi_{92}^{5}\,\Phi_{69}^{3}\,\Phi_{46}^{2}\,\Phi_{23}^{3}\,\Phi_{12}^{2}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
53118	1005	432	$\frac{1}{48}$	$\frac{97}{432}$	$\frac{1}{4}$	$\frac{47}{144}$	$\Phi_{432}^{3}\,\Phi_{216}^{3}\,\Phi_{108}^{3}\,\Phi_{54}^{3}\,\Phi_{48}^{3}\,\Phi_{27}^{3}\,\Phi_{24}^{3}\,\Phi_{16}^{3}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
53119	1005	496	$\frac{13}{496}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{161}{496}$	$\Phi_{496}^{2}\,\Phi_{248}^{2}\,\Phi_{124}^{2}\,\Phi_{62}^{2}\,\Phi_{31}^{2}\,\Phi_{16}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
53120	1005	693	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{32}{99}$	$\Phi_{693}^{2}\,\Phi_{99}^{3}\,\Phi_{63}^{2}\,\Phi_{9}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
53121	1005	396	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{32}{99}$	$\Phi_{396}^{5}\,\Phi_{198}^{2}\,\Phi_{99}^{3}\,\Phi_{36}^{5}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{3}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
53122	1005	88	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{21}{88}$	$\frac{7}{22}$	$\Phi_{88}^{11}\,\Phi_{44}^{11}\,\Phi_{22}^{13}\,\Phi_{11}^{13}\,\Phi_{8}^{10}\,\Phi_{4}^{10}\,\Phi_{2}^{12}\,\Phi_{1}^{13}$
53123	1005	756	$\frac{1}{21}$	$\frac{43}{378}$	$\frac{1}{4}$	$\frac{20}{63}$	$\Phi_{756}^{2}\,\Phi_{378}\,\Phi_{252}\,\Phi_{189}\,\Phi_{108}^{2}\,\Phi_{84}^{2}\,\Phi_{63}\,\Phi_{54}\,\Phi_{42}\,\Phi_{36}\,\Phi_{28}^{2}\,\Phi_{27}\,\Phi_{21}\,\Phi_{14}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{7}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
53124	1005	72	$\frac{5}{72}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{72}^{15}\,\Phi_{36}^{12}\,\Phi_{24}^{15}\,\Phi_{18}^{12}\,\Phi_{12}^{15}\,\Phi_{9}^{12}\,\Phi_{8}^{15}\,\Phi_{6}^{15}\,\Phi_{4}^{14}\,\Phi_{3}^{15}\,\Phi_{2}^{14}\,\Phi_{1}^{15}$
53125	1005	96	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{96}^{15}\,\Phi_{48}^{15}\,\Phi_{24}^{15}\,\Phi_{16}^{3}\,\Phi_{12}^{15}\,\Phi_{8}^{3}\,\Phi_{6}^{15}\,\Phi_{4}^{2}\,\Phi_{3}^{15}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
53126	1005	140	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{140}^{10}\,\Phi_{70}^{5}\,\Phi_{35}^{5}\,\Phi_{28}^{8}\,\Phi_{20}^{10}\,\Phi_{14}^{3}\,\Phi_{10}^{5}\,\Phi_{7}^{5}\,\Phi_{5}^{5}\,\Phi_{4}^{7}\,\Phi_{2}^{2}\,\Phi_{1}^{5}$
53127	1005	616	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{21}{88}$	$\frac{2}{7}$	$\Phi_{616}^{2}\,\Phi_{308}^{2}\,\Phi_{88}^{3}\,\Phi_{56}^{2}\,\Phi_{44}^{3}\,\Phi_{28}^{2}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
53128	1005	504	$\frac{5}{72}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{504}^{2}\,\Phi_{252}^{2}\,\Phi_{168}^{2}\,\Phi_{126}^{2}\,\Phi_{84}^{2}\,\Phi_{72}^{3}\,\Phi_{63}^{2}\,\Phi_{56}^{2}\,\Phi_{36}^{3}\,\Phi_{28}^{2}\,\Phi_{24}^{3}\,\Phi_{18}^{3}\,\Phi_{12}^{3}\,\Phi_{9}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
53129	1005	77	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{77}^{13}\,\Phi_{11}^{12}\,\Phi_{7}^{15}\,\Phi_{1}^{15}$
53130	1005	448	$\frac{3}{112}$	$\frac{109}{448}$	$\frac{1}{4}$	$\frac{113}{448}$	$\Phi_{448}^{2}\,\Phi_{224}^{2}\,\Phi_{112}^{3}\,\Phi_{64}^{2}\,\Phi_{56}^{3}\,\Phi_{32}^{2}\,\Phi_{28}^{3}\,\Phi_{16}^{3}\,\Phi_{14}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
53131	1005	264	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{21}{88}$	$\frac{1}{4}$	$\Phi_{264}^{6}\,\Phi_{132}^{2}\,\Phi_{88}^{3}\,\Phi_{66}^{4}\,\Phi_{44}\,\Phi_{33}^{4}\,\Phi_{24}^{6}\,\Phi_{22}^{2}\,\Phi_{12}^{4}\,\Phi_{11}^{2}\,\Phi_{8}^{3}\,\Phi_{6}^{5}\,\Phi_{4}^{2}\,\Phi_{3}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
53132	1005	384	$\frac{1}{16}$	$\frac{49}{384}$	$\frac{15}{64}$	$\frac{1}{4}$	$\Phi_{384}^{3}\,\Phi_{192}^{3}\,\Phi_{128}^{3}\,\Phi_{96}^{3}\,\Phi_{48}^{3}\,\Phi_{24}^{3}\,\Phi_{16}^{3}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
53133	1005	432	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{432}$	$\frac{1}{4}$	$\Phi_{432}^{3}\,\Phi_{216}^{3}\,\Phi_{144}^{3}\,\Phi_{72}^{3}\,\Phi_{48}^{3}\,\Phi_{24}^{3}\,\Phi_{16}^{3}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
53134	1005	84	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{17}{84}$	$\frac{1}{4}$	$\Phi_{84}^{11}\,\Phi_{42}^{11}\,\Phi_{28}^{11}\,\Phi_{21}^{15}\,\Phi_{14}^{11}\,\Phi_{12}^{11}\,\Phi_{7}^{15}\,\Phi_{6}^{11}\,\Phi_{4}^{10}\,\Phi_{3}^{15}\,\Phi_{2}^{10}\,\Phi_{1}^{15}$
53135	1005	80	$\frac{1}{16}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{80}^{15}\,\Phi_{40}^{15}\,\Phi_{20}^{15}\,\Phi_{16}^{3}\,\Phi_{10}^{15}\,\Phi_{8}^{3}\,\Phi_{5}^{15}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
53136	1005	224	$\frac{23}{224}$	$\frac{3}{28}$	$\frac{5}{28}$	$\frac{1}{4}$	$\Phi_{224}^{5}\,\Phi_{112}^{5}\,\Phi_{56}^{5}\,\Phi_{32}^{5}\,\Phi_{28}\,\Phi_{16}^{5}\,\Phi_{14}\,\Phi_{8}^{5}\,\Phi_{7}\,\Phi_{1}$
53137	1005	72	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{72}^{15}\,\Phi_{36}^{15}\,\Phi_{24}^{15}\,\Phi_{18}^{15}\,\Phi_{12}^{7}\,\Phi_{9}^{15}\,\Phi_{8}^{15}\,\Phi_{6}^{11}\,\Phi_{4}^{6}\,\Phi_{3}^{11}\,\Phi_{2}^{10}\,\Phi_{1}^{11}$
53138	1005	396	$\frac{5}{66}$	$\frac{61}{396}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{396}^{3}\,\Phi_{198}^{3}\,\Phi_{132}\,\Phi_{99}^{3}\,\Phi_{66}^{2}\,\Phi_{44}\,\Phi_{36}^{3}\,\Phi_{33}^{2}\,\Phi_{22}^{2}\,\Phi_{18}^{3}\,\Phi_{12}^{3}\,\Phi_{11}^{2}\,\Phi_{9}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
53139	1005	924	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{924}^{2}\,\Phi_{462}\,\Phi_{308}\,\Phi_{231}\,\Phi_{84}^{2}\,\Phi_{77}\,\Phi_{42}\,\Phi_{28}\,\Phi_{21}\,\Phi_{12}^{2}\,\Phi_{7}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
53140	1005	392	$\frac{3}{28}$	$\frac{25}{196}$	$\frac{57}{392}$	$\frac{1}{4}$	$\Phi_{392}^{3}\,\Phi_{196}^{2}\,\Phi_{98}^{2}\,\Phi_{56}^{3}\,\Phi_{49}^{2}\,\Phi_{28}^{3}\,\Phi_{14}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
53141	1006	1002	$\frac{2}{501}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{499}{1002}$	$\Phi_{1002}^{2}\,\Phi_{334}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
53142	1006	804	$\frac{1}{201}$	$\frac{101}{402}$	$\frac{301}{804}$	$\frac{100}{201}$	$\Phi_{804}^{2}\,\Phi_{268}^{2}\,\Phi_{201}\,\Phi_{67}\,\Phi_{12}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
53143	1006	672	$\frac{1}{168}$	$\frac{169}{672}$	$\frac{1}{3}$	$\frac{167}{336}$	$\Phi_{672}^{2}\,\Phi_{224}^{2}\,\Phi_{168}^{2}\,\Phi_{96}^{2}\,\Phi_{84}^{2}\,\Phi_{56}^{2}\,\Phi_{42}^{2}\,\Phi_{32}^{2}\,\Phi_{28}^{2}\,\Phi_{24}^{2}\,\Phi_{21}^{2}\,\Phi_{14}^{2}\,\Phi_{12}^{2}\,\Phi_{8}^{2}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
53144	1006	1000	$\frac{3}{500}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{497}{1000}$	$\Phi_{1000}^{2}\,\Phi_{200}^{2}\,\Phi_{40}^{2}\,\Phi_{8}^{2}\,\Phi_{5}\,\Phi_{1}^{2}$
53145	1006	3000	$\frac{3}{500}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{497}{1000}$	$\Phi_{3000}\,\Phi_{600}\,\Phi_{120}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}$
53146	1006	999	$\frac{7}{999}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{496}{999}$	$\Phi_{999}\,\Phi_{333}\,\Phi_{111}\,\Phi_{37}\,\Phi_{27}\,\Phi_{9}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
53147	1006	996	$\frac{5}{498}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{493}{996}$	$\Phi_{996}^{2}\,\Phi_{332}^{2}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
53148	1006	2982	$\frac{6}{497}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{491}{994}$	$\Phi_{2982}\,\Phi_{426}\,\Phi_{42}\,\Phi_{21}\,\Phi_{6}$
53149	1006	576	$\frac{1}{72}$	$\frac{73}{576}$	$\frac{1}{3}$	$\frac{71}{144}$	$\Phi_{576}^{2}\,\Phi_{288}^{2}\,\Phi_{192}^{2}\,\Phi_{96}^{2}\,\Phi_{72}^{2}\,\Phi_{64}^{2}\,\Phi_{36}^{2}\,\Phi_{32}^{2}\,\Phi_{24}^{2}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
53150	1006	2976	$\frac{7}{496}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{489}{992}$	$\Phi_{2976}\,\Phi_{96}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
53151	1006	938	$\frac{1}{67}$	$\frac{34}{469}$	$\frac{435}{938}$	$\frac{33}{67}$	$\Phi_{938}^2\ \Phi_{134}^2\ \Phi_{67}\ \Phi_{14}^2\ \Phi_2^2\ \Phi_1^2$
53152	1006	990	$\frac{8}{495}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{487}{990}$	$\Phi_{990}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{110}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53153	1006	990	$\frac{8}{495}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{487}{990}$	$\Phi_{990}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{110}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53154	1006	1680	$\frac{1}{56}$	$\frac{57}{560}$	$\frac{1}{3}$	$\frac{55}{112}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
53155	1006	987	$\frac{19}{987}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{484}{987}$	$\Phi_{987}\ \Phi_{329}\ \Phi_{141}\ \Phi_{47}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
53156	1006	984	$\frac{11}{492}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{481}{984}$	$\Phi_{984}^2\ \Phi_{328}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53157	1006	2940	$\frac{13}{490}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{477}{980}$	$\Phi_{2940}\ \Phi_{588}\ \Phi_{420}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
53158	1006	972	$\frac{17}{486}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{469}{972}$	$\Phi_{972}^2\ \Phi_{324}^2\ \Phi_{108}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53159	1006	966	$\frac{20}{483}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{463}{966}$	$\Phi_{966}^2\ \Phi_{322}^2\ \Phi_{138}^2\ \Phi_{46}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53160	1006	528	$\frac{1}{24}$	$\frac{25}{528}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53161	1006	960	$\frac{1}{24}$	$\frac{23}{480}$	$\frac{1}{3}$	$\frac{457}{960}$	$\Phi_{960}^2\ \Phi_{320}^2\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53162	1006	960	$\frac{23}{480}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{457}{960}$	$\Phi_{960}^2\ \Phi_{320}^2\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53163	1006	2856	$\frac{1}{28}$	$\frac{27}{476}$	$\frac{1}{3}$	$\frac{449}{952}$	$\Phi_{2856}\ \Phi_{408}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
53164	1006	945	$\frac{2}{63}$	$\frac{61}{945}$	$\frac{1}{3}$	$\frac{442}{945}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
53165	1006	660	$\frac{8}{165}$	$\frac{1}{15}$	$\frac{157}{660}$	$\frac{7}{15}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{44}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53166	1006	540	$\frac{1}{15}$	$\frac{37}{540}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53167	1006	936	$\frac{1}{36}$	$\frac{35}{468}$	$\frac{1}{3}$	$\frac{433}{936}$	$\Phi_{936}^2\ \Phi_{312}^2\ \Phi_{104}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53168	1006	924	$\frac{1}{42}$	$\frac{41}{462}$	$\frac{1}{3}$	$\frac{421}{924}$	$\Phi_{924}^2\ \Phi_{308}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53169	1006	2688	$\frac{1}{56}$	$\frac{55}{448}$	$\frac{1}{3}$	$\frac{393}{896}$	$\Phi_{2688}\ \Phi_{384}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
53170	1006	1536	$\frac{9}{512}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
53171	1006	882	$\frac{1}{63}$	$\frac{62}{441}$	$\frac{1}{3}$	$\frac{379}{882}$	$\Phi_{882}^2\ \Phi_{294}^2\ \Phi_{126}^2\ \Phi_{98}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53172	1006	864	$\frac{1}{72}$	$\frac{71}{432}$	$\frac{1}{3}$	$\frac{361}{864}$	$\Phi_{864}^2\ \Phi_{288}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53173	1006	840	$\frac{1}{84}$	$\frac{83}{420}$	$\frac{1}{3}$	$\frac{337}{840}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53174	1006	750	$\frac{3}{250}$	$\frac{1}{5}$	$\frac{247}{750}$	$\frac{2}{5}$	$\Phi_{750}^2\ \Phi_{375}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
53175	1006	510	$\frac{7}{510}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{510}^2\ \Phi_{255}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
53176	1006	625	$\frac{3}{125}$	$\frac{122}{625}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{625}^2\ \Phi_5\ \Phi_1^2$
53177	1006	600	$\frac{3}{100}$	$\frac{97}{600}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
53178	1006	520	$\frac{17}{520}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{520}^2\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{104}^2\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{40}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
53179	1006	525	$\frac{22}{525}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
53180	1006	550	$\frac{3}{50}$	$\frac{47}{550}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{550}^2\ \Phi_{275}^2\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
53181	1006	540	$\frac{1}{15}$	$\frac{37}{540}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53182	1006	804	$\frac{1}{67}$	$\frac{33}{134}$	$\frac{101}{402}$	$\frac{301}{804}$	$\Phi_{804}^2\ \Phi_{268}^2\ \Phi_{134}^2\ \Phi_{67}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
53183	1006	765	$\frac{14}{255}$	$\frac{1}{15}$	$\frac{241}{765}$	$\frac{262}{765}$	$\Phi_{765}\ \Phi_{255}^2\ \Phi_{153}\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{45}\ \Phi_{17}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
53184	1006	756	$\frac{1}{126}$	$\frac{125}{378}$	$\frac{1}{3}$	$\frac{253}{756}$	$\Phi_{756}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53185	1006	648	$\frac{1}{72}$	$\frac{145}{648}$	$\frac{71}{216}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53186	1006	744	$\frac{7}{248}$	$\frac{1}{8}$	$\frac{241}{744}$	$\frac{1}{3}$	$\Phi_{744}\ \Phi_{372}\ \Phi_{248}^2\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53187	1006	567	$\frac{2}{63}$	$\frac{64}{567}$	$\frac{61}{189}$	$\frac{1}{3}$	$\Phi_{567}^2\ \Phi_{189}\ \Phi_{81}^2\ \Phi_{63}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
53188	1006	540	$\frac{1}{18}$	$\frac{37}{540}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53189	1006	720	$\frac{1}{24}$	$\frac{23}{240}$	$\frac{217}{720}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53190	1006	513	$\frac{10}{513}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{513}^2\ \Phi_{171}^2\ \Phi_{57}^2\ \Phi_{27}\ \Phi_{19}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
53191	1006	672	$\frac{1}{56}$	$\frac{55}{224}$	$\frac{169}{672}$	$\frac{1}{3}$	$\Phi_{672}\ \Phi_{336}\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53192	1006	600	$\frac{3}{100}$	$\frac{97}{600}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}\ \Phi_{200}^2\ \Phi_{150}\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53193	1006	1560	$\frac{17}{520}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{120}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
53194	1006	666	$\frac{7}{333}$	$\frac{2}{9}$	$\frac{163}{666}$	$\frac{1}{3}$	$\Phi_{666}^2\ \Phi_{333}\ \Phi_{222}^2\ \Phi_{111}\ \Phi_{74}^2\ \Phi_{37}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53195	1006	576	$\frac{1}{24}$	$\frac{73}{576}$	$\frac{23}{96}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{64}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53196	1006	648	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{145}{648}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53197	1006	630	$\frac{2}{63}$	$\frac{61}{315}$	$\frac{127}{630}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53198	1006	600	$\frac{1}{24}$	$\frac{97}{600}$	$\frac{23}{120}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53199	1006	1680	$\frac{1}{14}$	$\frac{57}{560}$	$\frac{13}{70}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
53200	1006	540	$\frac{37}{540}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53201	1006	594	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{594}$	$\frac{1}{3}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53202	1006	588	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{85}{588}$	$\frac{1}{3}$	$\Phi_{588}^2\ \Phi_{294}\ \Phi_{196}^2\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{84}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53203	1006	720	$\frac{1}{15}$	$\frac{23}{240}$	$\frac{7}{30}$	$\frac{217}{720}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53204	1006	600	$\frac{1}{15}$	$\frac{97}{600}$	$\frac{23}{120}$	$\frac{7}{30}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53205	1007	936	$\frac{1}{52}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{51}{104}$	$\Phi_{936}^2\ \Phi_{312}^2\ \Phi_{104}^3\ \Phi_{72}^2\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
53206	1007	2184	$\frac{1}{52}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{168}\ \Phi_{104}\ \Phi_{56}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$
53207	1007	2808	$\frac{1}{52}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{51}{104}$	$\Phi_{2808}\ \Phi_{216}\ \Phi_{104}\ \Phi_{27}\ \Phi_8\ \Phi_1$
53208	1007	312	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{51}{104}$	$\Phi_{312}^2\ \Phi_{156}^4\ \Phi_{104}^3\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{24}^3\ \Phi_{13}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
53209	1007	1020	$\frac{2}{51}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}^2\ \Phi_{51}\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
53210	1007	468	$\frac{1}{26}$	$\frac{1}{18}$	$\frac{25}{78}$	$\frac{17}{36}$	$\Phi_{468}^4\ \Phi_{156}^4\ \Phi_{78}\ \Phi_{52}^4\ \Phi_{39}\ \Phi_{36}^5\ \Phi_{12}^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
53211	1007	360	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{360}^4\ \Phi_{180}^2\ \Phi_{120}^4\ \Phi_{90}^2\ \Phi_{72}^3\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^4\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
53212	1007	504	$\frac{3}{56}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^3\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_7^3\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
53213	1007	2340	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{17}{36}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{260}\ \Phi_{180}\ \Phi_{65}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
53214	1007	480	$\frac{1}{20}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{480}^4\ \Phi_{160}^4\ \Phi_{96}^3\ \Phi_{60}^2\ \Phi_{32}^3\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
53215	1007	60	$\frac{1}{20}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{60}^{17}\ \Phi_{30}^{17}\ \Phi_{20}^{16}\ \Phi_{15}^{17}\ \Phi_{12}^{18}\ \Phi_{10}^{16}\ \Phi_6^{17}\ \Phi_5^{16}\ \Phi_4^{17}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{17}$
53216	1007	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{180}^6\ \Phi_{90}^5\ \Phi_{60}^6\ \Phi_{45}^6\ \Phi_{36}^6\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{18}^5\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_9^5\ \Phi_6^5\ \Phi_5^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
53217	1007	864	$\frac{1}{54}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{864}^2\ \Phi_{288}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
53218	1007	216	$\frac{1}{54}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^4\ \Phi_{108}^6\ \Phi_{72}^4\ \Phi_{54}^5\ \Phi_{36}^6\ \Phi_{27}^5\ \Phi_{24}^3\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
53219	1007	270	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{54}^3\ \Phi_{45}^4\ \Phi_{30}^3\ \Phi_{27}^3\ \Phi_{18}^3\ \Phi_{15}^4\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^2\ \Phi_5^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
53220	1007	546	$\frac{1}{26}$	$\frac{2}{21}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{78}\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_7^3\ \Phi_6\ \Phi_3\ \Phi_1$
53221	1007	168	$\frac{3}{56}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^6\ \Phi_{84}^5\ \Phi_{56}^7\ \Phi_{42}^5\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_8^7\ \Phi_7^7\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
53222	1007	1365	$\frac{1}{13}$	$\frac{2}{21}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{105}\ \Phi_{65}\ \Phi_{35}\ \Phi_{21}\ \Phi_7\ \Phi_5\ \Phi_1$
53223	1007	702	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{25}{78}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{78}\ \Phi_{54}^2\ \Phi_{39}\ \Phi_{27}^3\ \Phi_6\ \Phi_3\ \Phi_1$
53224	1007	312	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{25}{78}$	$\Phi_{312}^4\ \Phi_{156}^4\ \Phi_{104}^4\ \Phi_{78}\ \Phi_{52}^4\ \Phi_{39}\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
53225	1007	1512	$\frac{3}{56}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{56}\ \Phi_{28}\ \Phi_{27}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
53226	1007	1755	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{12}{65}$	$\frac{8}{27}$	$\Phi_{1755}\ \Phi_{135}\ \Phi_{65}\ \Phi_{27}\ \Phi_5\ \Phi_1$
53227	1007	360	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{90}^4\ \Phi_{72}^3\ \Phi_{60}^2\ \Phi_{45}^4\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
53228	1007	168	$\frac{3}{56}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{168}^6\ \Phi_{84}^6\ \Phi_{56}^7\ \Phi_{42}^6\ \Phi_{28}^7\ \Phi_{24}^3\ \Phi_{21}^6\ \Phi_{14}^7\ \Phi_{12}^5\ \Phi_8^4\ \Phi_7^7\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
53229	1007	1560	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{12}{65}$	$\frac{5}{24}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{260}\ \Phi_{120}\ \Phi_{65}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
53230	1008	753	$\frac{1}{251}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{125}{251}$	$\Phi_{753}\ \Phi_{251}^2\ \Phi_3^2\ \Phi_1^4$
53231	1008	1007	$\frac{5}{1007}$	$\frac{253}{1007}$	$\frac{377}{1007}$	$\frac{501}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53232	1008	1515	$\frac{3}{505}$	$\frac{127}{505}$	$\frac{1}{3}$	$\frac{251}{505}$	$\Phi_{1515}\ \Phi_{303}\ \Phi_{15}$
53233	1008	835	$\frac{1}{167}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{83}{167}$	$\Phi_{835}\ \Phi_{167}^2\ \Phi_5^2\ \Phi_1^4$
53234	1008	2004	$\frac{1}{167}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{83}{167}$	$\Phi_{2004}\ \Phi_{1002}\ \Phi_{12}^2\ \Phi_6^2$
53235	1008	1007	$\frac{7}{1007}$	$\frac{169}{1007}$	$\frac{419}{1007}$	$\frac{500}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53236	1008	1716	$\frac{1}{143}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{71}{143}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{156}\ \Phi_{143}\ \Phi_{132}\ \Phi_{52}\ \Phi_{44}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
53237	1008	1287	$\frac{1}{143}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{71}{143}$	$\Phi_{1287}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{13}\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
53238	1008	875	$\frac{1}{125}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{62}{125}$	$\Phi_{875}\ \Phi_{175}\ \Phi_{125}^2\ \Phi_{35}\ \Phi_{25}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
53239	1008	375	$\frac{1}{125}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{62}{125}$	$\Phi_{375}^4\ \Phi_{75}^4\ \Phi_{15}^5\ \Phi_3^4$
53240	1008	1348	$\frac{3}{337}$	$\frac{1}{4}$	$\frac{85}{337}$	$\frac{167}{337}$	$\Phi_{1348}\ \Phi_{674}$
53241	1008	1007	$\frac{9}{1007}$	$\frac{127}{1007}$	$\frac{440}{1007}$	$\frac{499}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53242	1008	1007	$\frac{9}{1007}$	$\frac{251}{1007}$	$\frac{254}{1007}$	$\frac{499}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53243	1008	1776	$\frac{1}{111}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{55}{111}$	$\Phi_{1776}\ \Phi_{592}\ \Phi_{111}\ \Phi_{48}\ \Phi_{37}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
53244	1008	444	$\frac{1}{111}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{55}{111}$	$\Phi_{444}^2\ \Phi_{222}^2\ \Phi_{148}^2\ \Phi_{111}^3\ \Phi_{74}^2\ \Phi_{37}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
53245	1008	303	$\frac{1}{101}$	$\frac{17}{101}$	$\frac{1}{3}$	$\frac{50}{101}$	$\Phi_{303}^5\ \Phi_3^4$
53246	1008	1265	$\frac{3}{253}$	$\frac{1}{5}$	$\frac{64}{253}$	$\frac{125}{253}$	$\Phi_{1265}\ \Phi_{115}\ \Phi_{55}$
53247	1008	913	$\frac{1}{83}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{41}{83}$	$\Phi_{913}\ \Phi_{83}^2\ \Phi_{11}^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
53248	1008	1743	$\frac{1}{83}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{41}{83}$	$\Phi_{1743}\ \Phi_{21}^2$
53249	1008	913	$\frac{1}{83}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{41}{83}$	$\Phi_{913}\ \Phi_{83}^2\ \Phi_{11}^2\ \Phi_1^4$
53250	1008	1660	$\frac{1}{83}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{41}{83}$	$\Phi_{1660}\ \Phi_{830}\ \Phi_{20}^2\ \Phi_{10}^2$
53251	1008	1007	$\frac{13}{1007}$	$\frac{85}{1007}$	$\frac{461}{1007}$	$\frac{497}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53252	1008	1007	$\frac{13}{1007}$	$\frac{170}{1007}$	$\frac{279}{1007}$	$\frac{497}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53253	1008	1007	$\frac{13}{1007}$	$\frac{188}{1007}$	$\frac{255}{1007}$	$\frac{497}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53254	1008	1515	$\frac{7}{505}$	$\frac{64}{505}$	$\frac{1}{3}$	$\frac{249}{505}$	$\Phi_{1515}\ \Phi_{303}\ \Phi_{15}$
53255	1008	923	$\frac{1}{71}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{35}{71}$	$\Phi_{923}\ \Phi_{71}^2\ \Phi_{13}^2\ \Phi_1^4$
53256	1008	1704	$\frac{1}{71}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{35}{71}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{426}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
53257	1008	1348	$\frac{5}{337}$	$\frac{57}{337}$	$\frac{1}{4}$	$\frac{166}{337}$	$\Phi_{1348}\ \Phi_{674}$
53258	1008	1007	$\frac{15}{1007}$	$\frac{73}{1007}$	$\frac{467}{1007}$	$\frac{496}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53259	1008	1860	$\frac{1}{62}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{61}{124}$	$\Phi_{1860}\ \Phi_{620}\ \Phi_{372}\ \Phi_{124}^2\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
53260	1008	1116	$\frac{1}{62}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{61}{124}$	$\Phi_{1116}^2\ \Phi_{372}\ \Phi_{124}^2\ \Phi_{36}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
53261	1008	620	$\frac{1}{62}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{61}{124}$	$\Phi_{620}^3\ \Phi_{124}^4\ \Phi_{20}^3\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
53262	1008	1007	$\frac{17}{1007}$	$\frac{128}{1007}$	$\frac{293}{1007}$	$\frac{495}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53263	1008	1183	$\frac{3}{169}$	$\frac{1}{7}$	$\frac{43}{169}$	$\frac{83}{169}$	$\Phi_{1183}\ \Phi_{91}$
53264	1008	935	$\frac{1}{55}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{27}{55}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}^2\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
53265	1008	330	$\frac{1}{55}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{27}{55}$	$\Phi_{330}^5\ \Phi_{165}^4\ \Phi_{66}^5\ \Phi_{33}^4\ \Phi_{30}^6\ \Phi_{15}^5\ \Phi_6^6\ \Phi_3^4$
53266	1008	935	$\frac{1}{55}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{27}{55}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}^2\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
53267	1008	1540	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{27}{55}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{308}\ \Phi_{154}\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}^2\ \Phi_{14}^2$
53268	1008	53	$\frac{1}{53}$	$\frac{3}{53}$	$\frac{25}{53}$	$\frac{26}{53}$	$\Phi_{53}^{19}\ \Phi_1^{20}$
53269	1008	53	$\frac{1}{53}$	$\frac{9}{53}$	$\frac{11}{53}$	$\frac{26}{53}$	$\Phi_{53}^{19}\ \Phi_1^{20}$
53270	1008	1265	$\frac{5}{253}$	$\frac{43}{253}$	$\frac{1}{5}$	$\frac{124}{253}$	$\Phi_{1265}\ \Phi_{115}\ \Phi_{55}$
53271	1008	247	$\frac{5}{247}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{121}{247}$	$\Phi_{247}^4\ \Phi_{19}^5\ \Phi_{13}^4\ \Phi_1^6$
53272	1008	247	$\frac{5}{247}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{121}{247}$	$\Phi_{247}^4\ \Phi_{19}^5\ \Phi_{13}^4\ \Phi_1^6$
53273	1008	1160	$\frac{3}{145}$	$\frac{1}{8}$	$\frac{37}{145}$	$\frac{71}{145}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
53274	1008	1348	$\frac{7}{337}$	$\frac{43}{337}$	$\frac{1}{4}$	$\frac{165}{337}$	$\Phi_{1348}\ \Phi_{674}$
53275	1008	1007	$\frac{21}{1007}$	$\frac{125}{1007}$	$\frac{257}{1007}$	$\frac{493}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53276	1008	1880	$\frac{1}{47}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{23}{47}$	$\Phi_{1880}\ \Phi_{376}\ \Phi_{47}\ \Phi_{40}^2\ \Phi_8^2\ \Phi_1^2$
53277	1008	470	$\frac{1}{47}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{23}{47}$	$\Phi_{470}^2\ \Phi_{235}^2\ \Phi_{94}^2\ \Phi_{47}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
53278	1008	376	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{23}{47}$	$\Phi_{376}^3\ \Phi_{188}^2\ \Phi_{94}^2\ \Phi_{47}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
53279	1008	1175	$\frac{1}{47}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{23}{47}$	$\Phi_{1175}\ \Phi_{47}\ \Phi_{25}^2\ \Phi_1^2$
53280	1008	1515	$\frac{11}{505}$	$\frac{43}{505}$	$\frac{1}{3}$	$\frac{247}{505}$	$\Phi_{1515}\ \Phi_{303}\ \Phi_{15}$
53281	1008	943	$\frac{1}{41}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{20}{41}$	$\Phi_{943}\ \Phi_{41}^2\ \Phi_{23}^2\ \Phi_1^4$
53282	1008	1599	$\frac{1}{41}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{1599}\ \Phi_{39}^2$
53283	1008	943	$\frac{1}{41}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{20}{41}$	$\Phi_{943}\ \Phi_{41}^2\ \Phi_{23}^2\ \Phi_1^4$
53284	1008	1476	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{20}{41}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{492}\ \Phi_{246}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
53285	1008	943	$\frac{1}{41}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{20}{41}$	$\Phi_{943}\ \Phi_{41}^2\ \Phi_{23}^2\ \Phi_1^4$
53286	1008	1435	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{20}{41}$	$\Phi_{1435}\ \Phi_{35}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
53287	1008	1007	$\frac{25}{1007}$	$\frac{43}{1007}$	$\frac{482}{1007}$	$\frac{491}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53288	1008	1007	$\frac{25}{1007}$	$\frac{86}{1007}$	$\frac{307}{1007}$	$\frac{491}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53289	1008	1007	$\frac{25}{1007}$	$\frac{107}{1007}$	$\frac{258}{1007}$	$\frac{491}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53290	1008	1515	$\frac{13}{505}$	$\frac{37}{505}$	$\frac{1}{3}$	$\frac{246}{505}$	$\Phi_{1515}\ \Phi_{303}\ \Phi_{15}$
53291	1008	1130	$\frac{3}{113}$	$\frac{1}{10}$	$\frac{29}{113}$	$\frac{55}{113}$	$\Phi_{1130}\ \Phi_{565}\ \Phi_{226}$
53292	1008	945	$\frac{1}{35}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{17}{35}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_9^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
53293	1008	105	$\frac{1}{35}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{105}^9\ \Phi_{35}^{10}\ \Phi_{21}^9\ \Phi_{15}^{11}\ \Phi_7^{10}\ \Phi_5^{12}\ \Phi_3^{10}\ \Phi_1^{12}$
53294	1008	315	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{17}{35}$	$\Phi_{315}^3\ \Phi_{105}^3\ \Phi_{63}^3\ \Phi_{45}^3\ \Phi_{35}^4\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_9^6\ \Phi_7^4\ \Phi_5^4\ \Phi_3^6\ \Phi_1^8$
53295	1008	280	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{17}{35}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^4\ \Phi_{40}^5\ \Phi_{28}^4\ \Phi_{20}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4$
53296	1008	1007	$\frac{29}{1007}$	$\frac{37}{1007}$	$\frac{485}{1007}$	$\frac{489}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53297	1008	1007	$\frac{29}{1007}$	$\frac{74}{1007}$	$\frac{311}{1007}$	$\frac{489}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53298	1008	1183	$\frac{5}{169}$	$\frac{1}{7}$	$\frac{29}{169}$	$\frac{82}{169}$	$\Phi_{1183}\ \Phi_{91}$
53299	1008	1007	$\frac{31}{1007}$	$\frac{139}{1007}$	$\frac{173}{1007}$	$\frac{488}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53300	1008	1348	$\frac{11}{337}$	$\frac{29}{337}$	$\frac{1}{4}$	$\frac{163}{337}$	$\Phi_{1348}\ \Phi_{674}$
53301	1008	1007	$\frac{33}{1007}$	$\frac{65}{1007}$	$\frac{314}{1007}$	$\frac{487}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53302	1008	1007	$\frac{33}{1007}$	$\frac{83}{1007}$	$\frac{260}{1007}$	$\frac{487}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53303	1008	1515	$\frac{17}{505}$	$\frac{29}{505}$	$\frac{1}{3}$	$\frac{244}{505}$	$\Phi_{1515}\ \Phi_{303}\ \Phi_{15}$
53304	1008	232	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{5}{29}$	$\frac{14}{29}$	$\Phi_{232}^5\ \Phi_{116}^5\ \Phi_{58}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4$
53305	1008	1105	$\frac{3}{85}$	$\frac{1}{13}$	$\frac{22}{85}$	$\frac{41}{85}$	$\Phi_{1105}\ \Phi_{221}\ \Phi_{65}$
53306	1008	1007	$\frac{37}{1007}$	$\frac{87}{1007}$	$\frac{230}{1007}$	$\frac{485}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53307	1008	1007	$\frac{37}{1007}$	$\frac{119}{1007}$	$\frac{174}{1007}$	$\frac{485}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53308	1008	513	$\frac{1}{27}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{513}^2\ \Phi_{171}^2\ \Phi_{57}^3\ \Phi_{19}^2$
53309	1008	945	$\frac{1}{27}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{13}{27}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_9^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
53310	1008	1404	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{26}^2$
53311	1008	945	$\frac{1}{27}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{13}{27}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_9^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
53312	1008	270	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{13}{27}$	$\Phi_{270}^4\ \Phi_{135}^3\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^3\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{10}^8\ \Phi_9^4\ \Phi_6^4\ \Phi_5^6\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
53313	1008	189	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{13}{27}$	$\Phi_{189}^5\ \Phi_{63}^5\ \Phi_{27}^6\ \Phi_{21}^5\ \Phi_9^6\ \Phi_7^{10}\ \Phi_3^6\ \Phi_1^{12}$
53314	1008	1348	$\frac{13}{337}$	$\frac{25}{337}$	$\frac{1}{4}$	$\frac{162}{337}$	$\Phi_{1348}\ \Phi_{674}$
53315	1008	1143	$\frac{5}{127}$	$\frac{1}{9}$	$\frac{22}{127}$	$\frac{61}{127}$	$\Phi_{1143}\ \Phi_{381}$
53316	1008	323	$\frac{13}{323}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{155}{323}$	$\Phi_{323}^3\ \Phi_{19}^5\ \Phi_{17}^3\ \Phi_1^6$
53317	1008	1007	$\frac{41}{1007}$	$\frac{131}{1007}$	$\frac{146}{1007}$	$\frac{483}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53318	1008	1095	$\frac{3}{73}$	$\frac{1}{15}$	$\frac{19}{73}$	$\frac{35}{73}$	$\Phi_{1095}\ \Phi_{365}\ \Phi_{219}$
53319	1008	605	$\frac{5}{121}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{58}{121}$	$\Phi_{605}^2\ \Phi_{55}^3\ \Phi_5^2$
53320	1008	1183	$\frac{7}{169}$	$\frac{22}{169}$	$\frac{1}{7}$	$\frac{81}{169}$	$\Phi_{1183}\ \Phi_{91}$
53321	1008	1007	$\frac{43}{1007}$	$\frac{75}{1007}$	$\frac{233}{1007}$	$\frac{482}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53322	1008	1007	$\frac{43}{1007}$	$\frac{104}{1007}$	$\frac{175}{1007}$	$\frac{482}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53323	1008	1518	$\frac{1}{23}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{138}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_6^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
53324	1008	943	$\frac{1}{23}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{11}{23}$	$\Phi_{943}\ \Phi_{41}^2\ \Phi_{23}^2\ \Phi_1^4$
53325	1008	1380	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{276}\ \Phi_{230}\ \Phi_{138}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2$
53326	1008	115	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{115}^{11}\ \Phi_5^{10}$
53327	1008	943	$\frac{1}{23}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{11}{23}$	$\Phi_{943}\ \Phi_{41}^2\ \Phi_{23}^2\ \Phi_1^4$
53328	1008	1288	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{11}{23}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{322}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2$
53329	1008	1348	$\frac{15}{337}$	$\frac{22}{337}$	$\frac{1}{4}$	$\frac{161}{337}$	$\Phi_{1348}\ \Phi_{674}$
53330	1008	1007	$\frac{45}{1007}$	$\frac{62}{1007}$	$\frac{263}{1007}$	$\frac{481}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53331	1008	1515	$\frac{22}{505}$	$\frac{23}{505}$	$\frac{1}{3}$	$\frac{241}{505}$	$\Phi_{1515}\ \Phi_{303}\ \Phi_{15}$
53332	1008	1160	$\frac{7}{145}$	$\frac{1}{8}$	$\frac{19}{145}$	$\frac{69}{145}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
53333	1008	1007	$\frac{44}{1007}$	$\frac{49}{1007}$	$\frac{321}{1007}$	$\frac{479}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53334	1008	1007	$\frac{49}{1007}$	$\frac{125}{1007}$	$\frac{132}{1007}$	$\frac{479}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53335	1008	600	$\frac{1}{25}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{600}^5\ \Phi_{120}^4\ \Phi_{75}\ \Phi_{24}^4\ \Phi_{15}$
53336	1008	1880	$\frac{2}{47}$	$\frac{1}{20}$	$\frac{15}{47}$	$\frac{19}{40}$	$\Phi_{1880}\ \Phi_{376}\ \Phi_{47}\ \Phi_{40}^2\ \Phi_8^2\ \Phi_1^2$
53337	1008	680	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{680}^3\ \Phi_{136}^3\ \Phi_{68}\ \Phi_{34}$
53338	1008	1880	$\frac{1}{20}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{19}{40}$	$\Phi_{1880}\ \Phi_{376}\ \Phi_{47}\ \Phi_{40}^2\ \Phi_8^2\ \Phi_1^2$
53339	1008	520	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{520}^4\ \Phi_{104}^4\ \Phi_{65}$
53340	1008	1880	$\frac{1}{20}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{19}{40}$	$\Phi_{1880}\ \Phi_{376}\ \Phi_{47}\ \Phi_{40}^2\ \Phi_8^2\ \Phi_1^2$
53341	1008	2520	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{19}{40}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{168}\ \Phi_{63}\ \Phi_{21}$
53342	1008	1265	$\frac{13}{253}$	$\frac{19}{253}$	$\frac{1}{5}$	$\frac{120}{253}$	$\Phi_{1265}\ \Phi_{115}\ \Phi_{55}$
53343	1008	247	$\frac{10}{247}$	$\frac{1}{19}$	$\frac{79}{247}$	$\frac{9}{19}$	$\Phi_{247}^4\ \Phi_{19}^5\ \Phi_{13}^4\ \Phi_1^6$
53344	1008	19	$\frac{1}{19}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{19}^{53}\ \Phi_1^{54}$
53345	1008	1515	$\frac{19}{505}$	$\frac{27}{505}$	$\frac{1}{3}$	$\frac{239}{505}$	$\Phi_{1515}\ \Phi_{303}\ \Phi_{15}$
53346	1008	1007	$\frac{55}{1007}$	$\frac{59}{1007}$	$\frac{237}{1007}$	$\frac{476}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53347	1008	53	$\frac{2}{53}$	$\frac{3}{53}$	$\frac{17}{53}$	$\frac{25}{53}$	$\Phi_{53}^{19}\ \Phi_1^{20}$
53348	1008	265	$\frac{13}{265}$	$\frac{3}{53}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{265}^4\ \Phi_{53}^3\ \Phi_5^4\ \Phi_1^4$
53349	1008	53	$\frac{3}{53}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{25}{53}$	$\Phi_{53}^{19}\ \Phi_1^{20}$
53350	1008	1479	$\frac{1}{29}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{1479}\ \Phi_{87}^2$
53351	1008	935	$\frac{3}{55}$	$\frac{1}{17}$	$\frac{13}{55}$	$\frac{8}{17}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}^2\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
53352	1008	255	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{255}^4\ \Phi_{85}^3\ \Phi_{51}^4\ \Phi_{17}^4\ \Phi_{15}^8\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
53353	1008	221	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{221}^5\ \Phi_{13}^4$
53354	1008	561	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{8}{17}$	$\Phi_{561}^2\ \Phi_{187}\ \Phi_{51}^2\ \Phi_{33}^4\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_3^4\ \Phi_1^4$
53355	1008	935	$\frac{1}{17}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{8}{17}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}^2\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
53356	1008	1224	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{17}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{102}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
53357	1008	1007	$\frac{61}{1007}$	$\frac{89}{1007}$	$\frac{153}{1007}$	$\frac{473}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53358	1008	1078	$\frac{1}{22}$	$\frac{3}{49}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{1078}\ \Phi_{539}\ \Phi_{154}\ \Phi_{98}\ \Phi_{77}\ \Phi_{14}$
53359	1008	1130	$\frac{7}{113}$	$\frac{1}{10}$	$\frac{15}{113}$	$\frac{53}{113}$	$\Phi_{1130}\ \Phi_{565}\ \Phi_{226}$
53360	1008	1007	$\frac{65}{1007}$	$\frac{97}{1007}$	$\frac{134}{1007}$	$\frac{471}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53361	1008	1183	$\frac{11}{169}$	$\frac{15}{169}$	$\frac{1}{7}$	$\frac{79}{169}$	$\Phi_{1183}\ \Phi_{91}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
53362	1008	1007	$\frac{67}{1007}$	$\frac{69}{1007}$	$\frac{179}{1007}$	$\frac{470}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53363	1008	465	$\frac{1}{31}$	$\frac{1}{15}$	$\frac{10}{31}$	$\frac{7}{15}$	$\Phi_{465}^{2}\ \Phi_{155}^{2}\ \Phi_{93}^{2}\ \Phi_{31}^{4}\ \Phi_{15}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
53364	1008	660	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{660}^{2}\ \Phi_{330}\ \Phi_{220}^{2}\ \Phi_{165}\ \Phi_{132}^{2}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}^{4}\ \Phi_{33}\ \Phi_{22}^{2}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
53365	1008	465	$\frac{1}{15}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{7}{15}$	$\Phi_{465}^{2}\ \Phi_{155}^{2}\ \Phi_{93}^{2}\ \Phi_{31}^{4}\ \Phi_{15}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
53366	1008	120	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{15}$	$\Phi_{120}^{9}\ \Phi_{60}^{9}\ \Phi_{40}^{11}\ \Phi_{30}^{4}\ \Phi_{24}^{9}\ \Phi_{20}^{11}\ \Phi_{15}^{5}\ \Phi_{12}^{9}\ \Phi_{10}^{5}\ \Phi_{8}^{10}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{10}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
53367	1008	1265	$\frac{15}{253}$	$\frac{17}{253}$	$\frac{1}{5}$	$\frac{118}{253}$	$\Phi_{1265}\ \Phi_{115}\ \Phi_{55}$
53368	1008	1348	$\frac{15}{337}$	$\frac{23}{337}$	$\frac{1}{4}$	$\frac{157}{337}$	$\Phi_{1348}\ \Phi_{674}$
53369	1008	1095	$\frac{1}{15}$	$\frac{5}{73}$	$\frac{13}{73}$	$\frac{34}{73}$	$\Phi_{1095}\ \Phi_{365}\ \Phi_{219}$
53370	1008	1007	$\frac{41}{1007}$	$\frac{69}{1007}$	$\frac{269}{1007}$	$\frac{469}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53371	1008	303	$\frac{3}{101}$	$\frac{7}{101}$	$\frac{1}{3}$	$\frac{47}{101}$	$\Phi_{303}^{5}\ \Phi_{3}^{4}$
53372	1008	1007	$\frac{71}{1007}$	$\frac{77}{1007}$	$\frac{155}{1007}$	$\frac{468}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53373	1008	1007	$\frac{73}{1007}$	$\frac{90}{1007}$	$\frac{131}{1007}$	$\frac{467}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53374	1008	1160	$\frac{11}{145}$	$\frac{13}{145}$	$\frac{1}{8}$	$\frac{67}{145}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
53375	1008	1443	$\frac{1}{37}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1443}\ \Phi_{111}^{2}$
53376	1008	923	$\frac{2}{71}$	$\frac{1}{13}$	$\frac{23}{71}$	$\frac{6}{13}$	$\Phi_{923}\ \Phi_{71}^{2}\ \Phi_{13}^{2}\ \Phi_{1}^{4}$
53377	1008	1300	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{260}\ \Phi_{130}\ \Phi_{100}^{2}\ \Phi_{50}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
53378	1008	923	$\frac{3}{71}$	$\frac{1}{13}$	$\frac{17}{71}$	$\frac{6}{13}$	$\Phi_{923}\ \Phi_{71}^{2}\ \Phi_{13}^{2}\ \Phi_{1}^{4}$
53379	1008	1235	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{1235}\ \Phi_{95}^{2}$
53380	1008	923	$\frac{5}{71}$	$\frac{1}{13}$	$\frac{11}{71}$	$\frac{6}{13}$	$\Phi_{923}\ \Phi_{71}^{2}\ \Phi_{13}^{2}\ \Phi_{1}^{4}$
53381	1008	91	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{91}^{13}\ \Phi_{7}^{12}$
53382	1008	923	$\frac{1}{13}$	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{6}{13}$	$\Phi_{923}\ \Phi_{71}^{2}\ \Phi_{13}^{2}\ \Phi_{1}^{4}$
53383	1008	1170	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{6}{13}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{90}^{2}\ \Phi_{78}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}$
53384	1008	1007	$\frac{59}{1007}$	$\frac{79}{1007}$	$\frac{181}{1007}$	$\frac{464}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53385	1008	1348	$\frac{13}{337}$	$\frac{27}{337}$	$\frac{1}{4}$	$\frac{155}{337}$	$\Phi_{1348}\ \Phi_{674}$
53386	1008	1007	$\frac{35}{1007}$	$\frac{81}{1007}$	$\frac{272}{1007}$	$\frac{463}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53387	1008	1073	$\frac{1}{29}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	Φ_{1073}
53388	1008	1515	$\frac{13}{505}$	$\frac{41}{505}$	$\frac{1}{3}$	$\frac{232}{505}$	$\Phi_{1515}\ \Phi_{303}\ \Phi_{15}$
53389	1008	1007	$\frac{26}{1007}$	$\frac{85}{1007}$	$\frac{327}{1007}$	$\frac{461}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53390	1008	1007	$\frac{39}{1007}$	$\frac{85}{1007}$	$\frac{242}{1007}$	$\frac{461}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53391	1008	1419	$\frac{1}{43}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1419}\ \Phi_{129}^{2}$
53392	1008	913	$\frac{2}{83}$	$\frac{1}{11}$	$\frac{27}{83}$	$\frac{5}{11}$	$\Phi_{913}\ \Phi_{83}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
53393	1008	1276	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{1276}\ \Phi_{638}\ \Phi_{116}^{2}\ \Phi_{58}^{2}$
53394	1008	913	$\frac{3}{83}$	$\frac{1}{11}$	$\frac{20}{83}$	$\frac{5}{11}$	$\Phi_{913}\ \Phi_{83}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
53395	1008	110	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{110}^{12}\ \Phi_{55}^{11}\ \Phi_{10}^{12}\ \Phi_{5}^{10}$
53396	1008	913	$\frac{5}{83}$	$\frac{1}{11}$	$\frac{13}{83}$	$\frac{5}{11}$	$\Phi_{913}\ \Phi_{83}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
53397	1008	1155	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{105}^{2}\ \Phi_{35}^{2}\ \Phi_{21}^{2}$
53398	1008	913	$\frac{6}{83}$	$\frac{1}{11}$	$\frac{11}{83}$	$\frac{5}{11}$	$\Phi_{913}\ \Phi_{83}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
53399	1008	1144	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{1144}\ \Phi_{572}\ \Phi_{286}\ \Phi_{104}^{2}\ \Phi_{52}^{2}\ \Phi_{26}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
53400	1008	115	$\frac{1}{23}$	$\frac{11}{115}$	$\frac{1}{5}$	$\frac{52}{115}$	$\Phi_{115}^{9}\ \Phi_{23}^{8}\ \Phi_{5}^{8}\ \Phi_{1}^{8}$
53401	1008	1095	$\frac{1}{15}$	$\frac{7}{73}$	$\frac{10}{73}$	$\frac{33}{73}$	$\Phi_{1095}\ \Phi_{365}\ \Phi_{219}$
53402	1008	1007	$\frac{23}{1007}$	$\frac{97}{1007}$	$\frac{328}{1007}$	$\frac{455}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53403	1008	1007	$\frac{69}{1007}$	$\frac{97}{1007}$	$\frac{134}{1007}$	$\frac{455}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53404	1008	1007	$\frac{79}{1007}$	$\frac{99}{1007}$	$\frac{116}{1007}$	$\frac{454}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53405	1008	1078	$\frac{1}{22}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{1078}\ \Phi_{539}\ \Phi_{154}\ \Phi_{98}\ \Phi_{77}\ \Phi_{14}$
53406	1008	1143	$\frac{10}{127}$	$\frac{13}{127}$	$\frac{1}{9}$	$\frac{57}{127}$	$\Phi_{1143}\ \Phi_{381}$
53407	1008	1073	$\frac{1}{37}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	Φ_{1073}
53408	1008	232	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{1}{8}$	$\frac{13}{29}$	$\Phi_{232}^{5}\ \Phi_{116}^{5}\ \Phi_{58}^{5}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
53409	1008	1007	$\frac{62}{1007}$	$\frac{105}{1007}$	$\frac{139}{1007}$	$\frac{451}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53410	1008	38	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{3}{19}$	$\frac{17}{38}$	$\Phi_{38}^{48}\ \Phi_{19}^{5}\ \Phi_{2}^{48}\ \Phi_{1}^{6}$
53411	1008	1265	$\frac{10}{253}$	$\frac{27}{253}$	$\frac{1}{5}$	$\frac{113}{253}$	$\Phi_{1265}\ \Phi_{115}\ \Phi_{55}$
53412	1008	1007	$\frac{26}{1007}$	$\frac{109}{1007}$	$\frac{279}{1007}$	$\frac{449}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53413	1008	1007	$\frac{31}{1007}$	$\frac{109}{1007}$	$\frac{244}{1007}$	$\frac{449}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53414	1008	1007	$\frac{62}{1007}$	$\frac{109}{1007}$	$\frac{135}{1007}$	$\frac{449}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53415	1008	303	$\frac{2}{101}$	$\frac{11}{101}$	$\frac{1}{3}$	$\frac{45}{101}$	$\Phi_{303}^{5}\ \Phi_{3}^{4}$
53416	1008	1007	$\frac{20}{1007}$	$\frac{113}{1007}$	$\frac{329}{1007}$	$\frac{447}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53417	1008	1007	$\frac{80}{1007}$	$\frac{103}{1007}$	$\frac{113}{1007}$	$\frac{447}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53418	1008	1130	$\frac{9}{113}$	$\frac{1}{10}$	$\frac{13}{113}$	$\frac{50}{113}$	$\Phi_{1130}\ \Phi_{565}\ \Phi_{226}$
53419	1008	1075	$\frac{1}{25}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{1075}\ \Phi_{215}$
53420	1008	1160	$\frac{9}{145}$	$\frac{17}{145}$	$\frac{1}{8}$	$\frac{64}{145}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
53421	1008	1075	$\frac{1}{43}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1075}\ \Phi_{215}$
53422	1008	1007	$\frac{39}{1007}$	$\frac{121}{1007}$	$\frac{188}{1007}$	$\frac{443}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53423	1008	1007	$\frac{47}{1007}$	$\frac{121}{1007}$	$\frac{160}{1007}$	$\frac{443}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53424	1008	1348	$\frac{9}{337}$	$\frac{41}{337}$	$\frac{1}{4}$	$\frac{148}{337}$	$\Phi_{1348}\ \Phi_{674}$
53425	1008	57	$\frac{1}{19}$	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{25}{57}$	$\Phi_{57}^{18}\ \Phi_{19}^{17}\ \Phi_{3}^{18}\ \Phi_{1}^{18}$
53426	1008	912	$\frac{1}{57}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{912}^{2}\ \Phi_{304}^{2}\ \Phi_{57}^{2}\ \Phi_{48}\ \Phi_{19}^{2}\ \Phi_{16}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
53427	1008	592	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{9}{37}$	$\frac{7}{16}$	$\Phi_{592}^{3}\ \Phi_{37}^{3}\ \Phi_{16}^{4}\ \Phi_{1}^{4}$
53428	1008	2320	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{2320}\ \Phi_{145}$
53429	1008	592	$\frac{2}{37}$	$\frac{1}{8}$	$\frac{5}{37}$	$\frac{7}{16}$	$\Phi_{592}^{3}\ \Phi_{37}^{3}\ \Phi_{16}^{4}\ \Phi_{1}^{4}$
53430	1008	272	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{272}^{7}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
53431	1008	1776	$\frac{7}{111}$	$\frac{13}{111}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1776}\ \Phi_{592}\ \Phi_{111}\ \Phi_{48}\ \Phi_{37}\ \Phi_{16}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
53432	1008	720	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{720}^{3}\ \Phi_{240}^{2}\ \Phi_{144}^{2}\ \Phi_{80}^{2}\ \Phi_{48}\ \Phi_{45}^{3}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
53433	1008	1007	$\frac{27}{1007}$	$\frac{127}{1007}$	$\frac{245}{1007}$	$\frac{440}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53434	1008	1007	$\frac{63}{1007}$	$\frac{118}{1007}$	$\frac{127}{1007}$	$\frac{440}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53435	1008	1007	$\frac{71}{1007}$	$\frac{104}{1007}$	$\frac{129}{1007}$	$\frac{439}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53436	1008	1105	$\frac{1}{13}$	$\frac{8}{85}$	$\frac{11}{85}$	$\frac{37}{85}$	$\Phi_{1105}\ \Phi_{221}\ \Phi_{65}$
53437	1008	53	$\frac{4}{53}$	$\frac{5}{53}$	$\frac{7}{53}$	$\frac{23}{53}$	$\Phi_{53}^{19}\ \Phi_{1}^{20}$
53438	1008	1130	$\frac{8}{113}$	$\frac{1}{10}$	$\frac{15}{113}$	$\frac{49}{113}$	$\Phi_{1130}\ \Phi_{565}\ \Phi_{226}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
53439	1008	1143	$\frac{8}{127}$	$\frac{1}{9}$	$\frac{17}{127}$	$\frac{55}{127}$	$\Phi_{1143}\ \Phi_{381}$
53440	1008	1073	$\frac{1}{29}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	Φ_{1073}
53441	1008	1007	$\frac{48}{1007}$	$\frac{137}{1007}$	$\frac{143}{1007}$	$\frac{435}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53442	1008	1183	$\frac{8}{169}$	$\frac{23}{169}$	$\frac{1}{7}$	$\frac{73}{169}$	$\Phi_{1183}\ \Phi_{91}$
53443	1008	1007	$\frac{34}{1007}$	$\frac{139}{1007}$	$\frac{191}{1007}$	$\frac{434}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53444	1008	1265	$\frac{8}{253}$	$\frac{35}{253}$	$\frac{1}{5}$	$\frac{109}{253}$	$\Phi_{1265}\ \Phi_{115}\ \Phi_{55}$
53445	1008	1348	$\frac{8}{337}$	$\frac{47}{337}$	$\frac{1}{4}$	$\frac{145}{337}$	$\Phi_{1348}\ \Phi_{674}$
53446	1008	1007	$\frac{20}{1007}$	$\frac{141}{1007}$	$\frac{287}{1007}$	$\frac{433}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53447	1008	1007	$\frac{41}{1007}$	$\frac{141}{1007}$	$\frac{161}{1007}$	$\frac{433}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53448	1008	1515	$\frac{8}{505}$	$\frac{71}{505}$	$\frac{1}{3}$	$\frac{217}{505}$	$\Phi_{1515}\ \Phi_{303}\ \Phi_{15}$
53449	1008	1344	$\frac{1}{64}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{192}^{2}\ \Phi_{168}\ \Phi_{96}^{2}\ \Phi_{84}\ \Phi_{48}^{2}\ \Phi_{42}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
53450	1008	875	$\frac{2}{125}$	$\frac{1}{7}$	$\frac{41}{125}$	$\frac{3}{7}$	$\Phi_{875}\ \Phi_{175}\ \Phi_{125}^{2}\ \Phi_{35}\ \Phi_{25}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
53451	1008	1204	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1204}\ \Phi_{602}\ \Phi_{172}^{2}\ \Phi_{86}^{2}$
53452	1008	455	$\frac{2}{65}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{455}^{2}\ \Phi_{91}^{2}\ \Phi_{65}^{4}\ \Phi_{35}\ \Phi_{13}^{4}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
53453	1008	175	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{3}{7}$	$\Phi_{175}^{5}\ \Phi_{35}^{5}\ \Phi_{25}^{10}\ \Phi_{7}^{6}\ \Phi_{5}^{10}\ \Phi_{1}^{12}$
53454	1008	154	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{154}^{7}\ \Phi_{77}^{7}\ \Phi_{22}^{6}\ \Phi_{14}^{7}\ \Phi_{11}^{6}\ \Phi_{2}^{6}$
53455	1008	875	$\frac{6}{125}$	$\frac{17}{125}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{875}\ \Phi_{175}\ \Phi_{125}^{2}\ \Phi_{35}\ \Phi_{25}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
53456	1008	1064	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{152}^{2}\ \Phi_{76}^{2}\ \Phi_{38}^{2}$
53457	1008	875	$\frac{8}{125}$	$\frac{13}{125}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{875}\ \Phi_{175}\ \Phi_{125}^{2}\ \Phi_{35}\ \Phi_{25}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
53458	1008	210	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{210}^{5}\ \Phi_{105}^{4}\ \Phi_{70}^{4}\ \Phi_{42}^{5}\ \Phi_{35}^{3}\ \Phi_{30}^{10}\ \Phi_{21}^{4}\ \Phi_{15}^{8}\ \Phi_{14}^{4}\ \Phi_{10}^{8}\ \Phi_{7}^{4}\ \Phi_{6}^{10}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
53459	1008	1007	$\frac{48}{1007}$	$\frac{137}{1007}$	$\frac{145}{1007}$	$\frac{431}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53460	1008	1095	$\frac{1}{15}$	$\frac{7}{73}$	$\frac{11}{73}$	$\frac{31}{73}$	$\Phi_{1095}\ \Phi_{365}\ \Phi_{219}$
53461	1008	1105	$\frac{1}{13}$	$\frac{7}{85}$	$\frac{13}{85}$	$\frac{36}{85}$	$\Phi_{1105}\ \Phi_{221}\ \Phi_{65}$
53462	1008	1007	$\frac{77}{1007}$	$\frac{83}{1007}$	$\frac{155}{1007}$	$\frac{426}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53463	1008	1007	$\frac{65}{1007}$	$\frac{97}{1007}$	$\frac{157}{1007}$	$\frac{425}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53464	1008	95	$\frac{1}{19}$	$\frac{11}{95}$	$\frac{3}{19}$	$\frac{8}{19}$	$\Phi_{95}^{12}\ \Phi_{19}^{5}\ \Phi_{5}^{12}\ \Phi_{1}^{6}$
53465	1008	1160	$\frac{7}{145}$	$\frac{1}{8}$	$\frac{23}{145}$	$\frac{61}{145}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
53466	1008	1183	$\frac{7}{169}$	$\frac{1}{7}$	$\frac{27}{169}$	$\frac{71}{169}$	$\Phi_{1183}\ \Phi_{91}$
53467	1008	1007	$\frac{41}{1007}$	$\frac{146}{1007}$	$\frac{161}{1007}$	$\frac{423}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53468	1008	1007	$\frac{29}{1007}$	$\frac{163}{1007}$	$\frac{195}{1007}$	$\frac{422}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53469	1008	1265	$\frac{7}{253}$	$\frac{41}{253}$	$\frac{1}{5}$	$\frac{106}{253}$	$\Phi_{1265}\ \Phi_{115}\ \Phi_{55}$
53470	1008	1348	$\frac{7}{337}$	$\frac{55}{337}$	$\frac{1}{4}$	$\frac{141}{337}$	$\Phi_{1348}\ \Phi_{674}$
53471	1008	1007	$\frac{17}{1007}$	$\frac{165}{1007}$	$\frac{293}{1007}$	$\frac{421}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53472	1008	1515	$\frac{7}{505}$	$\frac{83}{505}$	$\frac{1}{3}$	$\frac{211}{505}$	$\Phi_{1515}\ \Phi_{303}\ \Phi_{15}$
53473	1008	876	$\frac{1}{73}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{876}^{2}\ \Phi_{292}^{2}\ \Phi_{219}$
53474	1008	1716	$\frac{2}{143}$	$\frac{1}{6}$	$\frac{47}{143}$	$\frac{5}{12}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{156}\ \Phi_{143}\ \Phi_{132}\ \Phi_{52}\ \Phi_{44}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
53475	1008	588	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{588}\ \Phi_{294}^{2}\ \Phi_{196}^{2}\ \Phi_{147}^{2}\ \Phi_{98}^{3}\ \Phi_{84}\ \Phi_{49}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
53476	1008	1716	$\frac{3}{143}$	$\frac{1}{6}$	$\frac{35}{143}$	$\frac{5}{12}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{156}\ \Phi_{143}\ \Phi_{132}\ \Phi_{52}\ \Phi_{44}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
53477	1008	2220	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{2220}\ \Phi_{740}\ \Phi_{185}$
53478	1008	1716	$\frac{5}{143}$	$\frac{23}{143}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{156}\ \Phi_{143}\ \Phi_{132}\ \Phi_{52}\ \Phi_{44}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
53479	1008	2100	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{175}\ \Phi_{140}\ \Phi_{35}$
53480	1008	1716	$\frac{7}{143}$	$\frac{17}{143}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{156}\ \Phi_{143}\ \Phi_{132}\ \Phi_{52}\ \Phi_{44}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
53481	1008	684	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{684}^3\ \Phi_{228}^2\ \Phi_{171}\ \Phi_{76}^2\ \Phi_{57}$
53482	1008	1716	$\frac{8}{143}$	$\frac{15}{143}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{156}\ \Phi_{143}\ \Phi_{132}\ \Phi_{52}\ \Phi_{44}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
53483	1008	1020	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1020}^2\ \Phi_{340}^2\ \Phi_{204}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}$
53484	1008	924	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{924}^2\ \Phi_{308}^2\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{44}\ \Phi_{28}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
53485	1008	156	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{156}^{11}\ \Phi_{52}^{11}\ \Phi_{13}^{11}\ \Phi_{12}^{12}\ \Phi_4^{12}\ \Phi_1^{12}$
53486	1008	1007	$\frac{14}{1007}$	$\frac{169}{1007}$	$\frac{331}{1007}$	$\frac{419}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53487	1008	1088	$\frac{1}{64}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1088}\ \Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
53488	1008	95	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{17}{95}$	$\frac{39}{95}$	$\Phi_{95}^9\ \Phi_{19}^{17}\ \Phi_5^9\ \Phi_1^{18}$
53489	1008	106	$\frac{1}{53}$	$\frac{10}{53}$	$\frac{13}{53}$	$\frac{43}{106}$	$\Phi_{106}^{16}\ \Phi_{53}^3\ \Phi_2^{16}\ \Phi_1^4$
53490	1008	255	$\frac{1}{85}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{255}^6\ \Phi_{51}^6\ \Phi_{15}^5\ \Phi_3^4$
53491	1008	835	$\frac{2}{167}$	$\frac{1}{5}$	$\frac{55}{167}$	$\frac{2}{5}$	$\Phi_{835}\ \Phi_{167}^2\ \Phi_5^2\ \Phi_1^4$
53492	1008	730	$\frac{1}{73}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{730}^2\ \Phi_{365}\ \Phi_{146}^2$
53493	1008	1140	$\frac{1}{57}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{228}^2\ \Phi_{190}\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{60}\ \Phi_{38}^2\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
53494	1008	835	$\frac{3}{167}$	$\frac{1}{5}$	$\frac{41}{167}$	$\frac{2}{5}$	$\Phi_{835}\ \Phi_{167}^2\ \Phi_5^2\ \Phi_1^4$
53495	1008	215	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{215}^5\ \Phi_{43}^4$
53496	1008	835	$\frac{5}{167}$	$\frac{27}{167}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{835}\ \Phi_{167}^2\ \Phi_5^2\ \Phi_1^4$
53497	1008	1015	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1015}\ \Phi_{203}^2$
53498	1008	835	$\frac{6}{167}$	$\frac{23}{167}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{835}\ \Phi_{167}^2\ \Phi_5^2\ \Phi_1^4$
53499	1008	200	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{200}^6\ \Phi_{100}^6\ \Phi_{50}^6\ \Phi_{40}^5\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4$
53500	1008	835	$\frac{7}{167}$	$\frac{20}{167}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{835}\ \Phi_{167}^2\ \Phi_5^2\ \Phi_1^4$
53501	1008	990	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{99}^2\ \Phi_{90}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_6^2$
53502	1008	835	$\frac{11}{167}$	$\frac{13}{167}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{835}\ \Phi_{167}^2\ \Phi_5^2\ \Phi_1^4$
53503	1008	195	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{195}^6\ \Phi_{65}^5\ \Phi_{39}^6\ \Phi_{13}^4$
53504	1008	1007	$\frac{29}{1007}$	$\frac{163}{1007}$	$\frac{211}{1007}$	$\frac{398}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53505	1008	1007	$\frac{34}{1007}$	$\frac{139}{1007}$	$\frac{217}{1007}$	$\frac{395}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53506	1008	1007	$\frac{11}{1007}$	$\frac{225}{1007}$	$\frac{332}{1007}$	$\frac{391}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53507	1008	1007	$\frac{44}{1007}$	$\frac{107}{1007}$	$\frac{225}{1007}$	$\frac{391}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53508	1008	1078	$\frac{1}{22}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{1078}\ \Phi_{539}\ \Phi_{154}\ \Phi_{98}\ \Phi_{77}\ \Phi_{14}$
53509	1008	57	$\frac{1}{19}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{57}^{18}\ \Phi_{19}^{17}\ \Phi_3^{18}\ \Phi_1^{18}$
53510	1008	1105	$\frac{1}{85}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1105}\ \Phi_{221}\ \Phi_{65}$
53511	1008	1095	$\frac{1}{15}$	$\frac{5}{73}$	$\frac{17}{73}$	$\frac{28}{73}$	$\Phi_{1095}\ \Phi_{365}\ \Phi_{219}$
53512	1008	1007	$\frac{67}{1007}$	$\frac{69}{1007}$	$\frac{235}{1007}$	$\frac{386}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53513	1008	442	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{442}^4\ \Phi_{221}\ \Phi_{26}^4$
53514	1008	1007	$\frac{51}{1007}$	$\frac{89}{1007}$	$\frac{239}{1007}$	$\frac{384}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
53515	1008	1130	$\frac{5}{113}$	$\frac{1}{10}$	$\frac{27}{113}$	$\frac{43}{113}$	$\Phi_{1130}\ \Phi_{565}\ \Phi_{226}$
53516	1008	1007	$\frac{43}{1007}$	$\frac{104}{1007}$	$\frac{241}{1007}$	$\frac{383}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53517	1008	232	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{7}{29}$	$\frac{11}{29}$	$\Phi_{232}^{5}\ \Phi_{116}^{5}\ \Phi_{58}^{5}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
53518	1008	1183	$\frac{5}{169}$	$\frac{1}{7}$	$\frac{41}{169}$	$\frac{64}{169}$	$\Phi_{1183}\ \Phi_{91}$
53519	1008	53	$\frac{1}{53}$	$\frac{11}{53}$	$\frac{13}{53}$	$\frac{20}{53}$	$\Phi_{53}^{19}\ \Phi_{1}^{20}$
53520	1008	1348	$\frac{5}{337}$	$\frac{83}{337}$	$\frac{1}{4}$	$\frac{127}{337}$	$\Phi_{1348}\ \Phi_{674}$
53521	1008	1007	$\frac{11}{1007}$	$\frac{249}{1007}$	$\frac{314}{1007}$	$\frac{379}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53522	1008	303	$\frac{1}{101}$	$\frac{25}{101}$	$\frac{1}{3}$	$\frac{38}{101}$	$\Phi_{303}^{5}\ \Phi_{3}^{4}$
53523	1008	1007	$\frac{15}{1007}$	$\frac{248}{1007}$	$\frac{253}{1007}$	$\frac{377}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53524	1008	57	$\frac{1}{57}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{57}^{18}\ \Phi_{19}^{17}\ \Phi_{3}^{18}\ \Phi_{1}^{18}$
53525	1008	265	$\frac{1}{53}$	$\frac{52}{265}$	$\frac{71}{265}$	$\frac{97}{265}$	$\Phi_{265}^{4}\ \Phi_{53}^{3}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
53526	1008	1007	$\frac{23}{1007}$	$\frac{164}{1007}$	$\frac{281}{1007}$	$\frac{363}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53527	1008	1075	$\frac{1}{43}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1075}\ \Phi_{215}$
53528	1008	1007	$\frac{27}{1007}$	$\frac{140}{1007}$	$\frac{289}{1007}$	$\frac{359}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53529	1008	1007	$\frac{31}{1007}$	$\frac{122}{1007}$	$\frac{295}{1007}$	$\frac{356}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53530	1008	1073	$\frac{1}{29}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	Φ_{1073}
53531	1008	1075	$\frac{1}{25}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{1075}\ \Phi_{215}$
53532	1008	1078	$\frac{1}{22}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{1078}\ \Phi_{539}\ \Phi_{154}\ \Phi_{98}\ \Phi_{77}\ \Phi_{14}$
53533	1008	1007	$\frac{47}{1007}$	$\frac{80}{1007}$	$\frac{309}{1007}$	$\frac{349}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53534	1008	1007	$\frac{55}{1007}$	$\frac{68}{1007}$	$\frac{313}{1007}$	$\frac{347}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53535	1008	544	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{544}^{3}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
53536	1008	1095	$\frac{4}{73}$	$\frac{1}{15}$	$\frac{23}{73}$	$\frac{25}{73}$	$\Phi_{1095}\ \Phi_{365}\ \Phi_{219}$
53537	1008	1105	$\frac{4}{85}$	$\frac{1}{13}$	$\frac{27}{85}$	$\frac{29}{85}$	$\Phi_{1105}\ \Phi_{221}\ \Phi_{65}$
53538	1008	1007	$\frac{44}{1007}$	$\frac{83}{1007}$	$\frac{321}{1007}$	$\frac{343}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53539	1008	53	$\frac{2}{53}$	$\frac{5}{53}$	$\frac{17}{53}$	$\frac{18}{53}$	$\Phi_{53}^{19}\ \Phi_{1}^{20}$
53540	1008	1007	$\frac{32}{1007}$	$\frac{111}{1007}$	$\frac{325}{1007}$	$\frac{341}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53541	1008	1143	$\frac{4}{127}$	$\frac{1}{9}$	$\frac{41}{127}$	$\frac{43}{127}$	$\Phi_{1143}\ \Phi_{381}$
53542	1008	1160	$\frac{4}{145}$	$\frac{1}{8}$	$\frac{47}{145}$	$\frac{49}{145}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
53543	1008	1183	$\frac{4}{169}$	$\frac{1}{7}$	$\frac{55}{169}$	$\frac{57}{169}$	$\Phi_{1183}\ \Phi_{91}$
53544	1008	1007	$\frac{20}{1007}$	$\frac{167}{1007}$	$\frac{329}{1007}$	$\frac{339}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53545	1008	1265	$\frac{4}{253}$	$\frac{1}{5}$	$\frac{83}{253}$	$\frac{85}{253}$	$\Phi_{1265}\ \Phi_{115}\ \Phi_{55}$
53546	1008	1007	$\frac{14}{1007}$	$\frac{223}{1007}$	$\frac{331}{1007}$	$\frac{338}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53547	1008	1348	$\frac{4}{337}$	$\frac{1}{4}$	$\frac{111}{337}$	$\frac{113}{337}$	$\Phi_{1348}\ \Phi_{674}$
53548	1008	1007	$\frac{8}{1007}$	$\frac{333}{1007}$	$\frac{335}{1007}$	$\frac{337}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53549	1008	1515	$\frac{4}{505}$	$\frac{167}{505}$	$\frac{1}{3}$	$\frac{169}{505}$	$\Phi_{1515}\ \Phi_{303}\ \Phi_{15}$
53550	1008	381	$\frac{1}{127}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{381}^{3}\ \Phi_{127}^{2}$
53551	1008	753	$\frac{2}{251}$	$\frac{83}{251}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{753}\ \Phi_{251}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
53552	1008	1020	$\frac{1}{85}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}^{2}\ \Phi_{204}\ \Phi_{170}^{2}\ \Phi_{102}\ \Phi_{68}^{2}\ \Phi_{60}\ \Phi_{34}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
53553	1008	753	$\frac{3}{251}$	$\frac{62}{251}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{753}\ \Phi_{251}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
53554	1008	657	$\frac{1}{73}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{657}^2\ \Phi_{219}$
53555	1008	960	$\frac{1}{64}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}^2\ \Phi_{240}\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
53556	1008	753	$\frac{5}{251}$	$\frac{41}{251}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{753}\ \Phi_{251}^2\ \Phi_3^2\ \Phi_1^4$
53557	1008	903	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{903}\ \Phi_{301}^2$
53558	1008	753	$\frac{6}{251}$	$\frac{35}{251}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{753}\ \Phi_{251}^2\ \Phi_3^2\ \Phi_1^4$
53559	1008	888	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{888}\ \Phi_{444}\ \Phi_{296}^2\ \Phi_{222}\ \Phi_{148}^2\ \Phi_{74}^2$
53560	1008	753	$\frac{8}{251}$	$\frac{27}{251}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{753}\ \Phi_{251}^2\ \Phi_3^2\ \Phi_1^4$
53561	1008	870	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}^2\ \Phi_{174}\ \Phi_{145}^2\ \Phi_{58}^2$
53562	1008	753	$\frac{11}{251}$	$\frac{20}{251}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{753}\ \Phi_{251}^2\ \Phi_3^2\ \Phi_1^4$
53563	1008	858	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{858}\ \Phi_{429}\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{78}\ \Phi_{26}^2$
53564	1008	753	$\frac{13}{251}$	$\frac{17}{251}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{753}\ \Phi_{251}^2\ \Phi_3^2\ \Phi_1^4$
53565	1008	285	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{285}^4\ \Phi_{95}^4\ \Phi_{57}^3\ \Phi_{19}^2$
53566	1008	2004	$\frac{2}{167}$	$\frac{1}{4}$	$\frac{55}{167}$	$\frac{1}{3}$	$\Phi_{2004}\ \Phi_{1002}\ \Phi_{12}^2\ \Phi_6^2$
53567	1008	1515	$\frac{7}{505}$	$\frac{113}{505}$	$\frac{166}{505}$	$\frac{1}{3}$	$\Phi_{1515}\ \Phi_{303}\ \Phi_{15}$
53568	1008	1287	$\frac{2}{143}$	$\frac{2}{9}$	$\frac{47}{143}$	$\frac{1}{3}$	$\Phi_{1287}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{13}\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
53569	1008	375	$\frac{2}{125}$	$\frac{1}{5}$	$\frac{41}{125}$	$\frac{1}{3}$	$\Phi_{375}^4\ \Phi_{75}^4\ \Phi_{15}^5\ \Phi_3^4$
53570	1008	303	$\frac{2}{101}$	$\frac{17}{101}$	$\frac{33}{101}$	$\frac{1}{3}$	$\Phi_{303}^5\ \Phi_3^4$
53571	1008	1743	$\frac{2}{83}$	$\frac{1}{7}$	$\frac{27}{83}$	$\frac{1}{3}$	$\Phi_{1743}\ \Phi_{21}^2$
53572	1008	1704	$\frac{2}{71}$	$\frac{1}{8}$	$\frac{23}{71}$	$\frac{1}{3}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{426}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
53573	1008	1515	$\frac{16}{505}$	$\frac{57}{505}$	$\frac{163}{505}$	$\frac{1}{3}$	$\Phi_{1515}\ \Phi_{303}\ \Phi_{15}$
53574	1008	279	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{10}{31}$	$\frac{1}{3}$	$\Phi_{279}^4\ \Phi_{93}^2\ \Phi_{31}^4\ \Phi_9^6\ \Phi_3^3\ \Phi_1^6$
53575	1008	1515	$\frac{19}{505}$	$\frac{49}{505}$	$\frac{162}{505}$	$\frac{1}{3}$	$\Phi_{1515}\ \Phi_{303}\ \Phi_{15}$
53576	1008	1515	$\frac{22}{505}$	$\frac{43}{505}$	$\frac{161}{505}$	$\frac{1}{3}$	$\Phi_{1515}\ \Phi_{303}\ \Phi_{15}$
53577	1008	1599	$\frac{2}{41}$	$\frac{1}{13}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{1599}\ \Phi_{39}^2$
53578	1008	105	$\frac{2}{35}$	$\frac{1}{15}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{105}^9\ \Phi_{35}^{10}\ \Phi_{21}^9\ \Phi_{15}^{11}\ \Phi_7^{10}\ \Phi_5^{12}\ \Phi_3^{10}\ \Phi_1^{12}$
53579	1008	1515	$\frac{29}{505}$	$\frac{34}{505}$	$\frac{157}{505}$	$\frac{1}{3}$	$\Phi_{1515}\ \Phi_{303}\ \Phi_{15}$
53580	1008	1539	$\frac{1}{19}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{1539}\ \Phi_{57}$
53581	1008	303	$\frac{5}{101}$	$\frac{8}{101}$	$\frac{31}{101}$	$\frac{1}{3}$	$\Phi_{303}^5\ \Phi_3^4$
53582	1008	1518	$\frac{1}{22}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{138}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_6^2$
53583	1008	150	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{150}^{10}\ \Phi_{75}^{11}\ \Phi_{30}^8\ \Phi_{15}^9\ \Phi_6^8\ \Phi_3^8$
53584	1008	1479	$\frac{1}{29}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{1479}\ \Phi_{87}^2$
53585	1008	1515	$\frac{17}{505}$	$\frac{61}{505}$	$\frac{148}{505}$	$\frac{1}{3}$	$\Phi_{1515}\ \Phi_{303}\ \Phi_{15}$
53586	1008	303	$\frac{3}{101}$	$\frac{14}{101}$	$\frac{29}{101}$	$\frac{1}{3}$	$\Phi_{303}^5\ \Phi_3^4$
53587	1008	1515	$\frac{13}{505}$	$\frac{82}{505}$	$\frac{141}{505}$	$\frac{1}{3}$	$\Phi_{1515}\ \Phi_{303}\ \Phi_{15}$
53588	1008	1419	$\frac{1}{43}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{1419}\ \Phi_{129}^2$
53589	1008	1515	$\frac{9}{505}$	$\frac{124}{505}$	$\frac{127}{505}$	$\frac{1}{3}$	$\Phi_{1515}\ \Phi_{303}\ \Phi_{15}$
53590	1008	228	$\frac{1}{57}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^4\ \Phi_{114}^4\ \Phi_{76}^4\ \Phi_{57}^6\ \Phi_{38}^4\ \Phi_{19}^6\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
53591	1008	2004	$\frac{3}{167}$	$\frac{41}{167}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2004}\ \Phi_{1002}\ \Phi_{12}^2\ \Phi_6^2$
53592	1008	1764	$\frac{1}{49}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{252}\ \Phi_{196}\ \Phi_{126}\ \Phi_{98}\ \Phi_{28}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
53593	1008	2580	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2580}\ \Phi_{1290}$
53594	1008	2004	$\frac{5}{167}$	$\frac{27}{167}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2004}\ \Phi_{1002}\ \Phi_{12}^2\ \Phi_{6}^2$
53595	1008	2436	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2436}\ \Phi_{1218}$
53596	1008	2004	$\frac{6}{167}$	$\frac{23}{167}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2004}\ \Phi_{1002}\ \Phi_{12}^2\ \Phi_{6}^2$
53597	1008	600	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{600}^3\ \Phi_{300}^2\ \Phi_{150}^2\ \Phi_{120}^3\ \Phi_{75}^3\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^3$
53598	1008	2004	$\frac{7}{167}$	$\frac{20}{167}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2004}\ \Phi_{1002}\ \Phi_{12}^2\ \Phi_{6}^2$
53599	1008	396	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^4\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{66}\ \Phi_{44}^4\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
53600	1008	2004	$\frac{11}{167}$	$\frac{13}{167}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2004}\ \Phi_{1002}\ \Phi_{12}^2\ \Phi_{6}^2$
53601	1008	780	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{156}\ \Phi_{130}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{26}^2$
53602	1008	1287	$\frac{3}{143}$	$\frac{2}{9}$	$\frac{35}{143}$	$\frac{1}{3}$	$\Phi_{1287}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{13}\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{1}^2$
53603	1008	1743	$\frac{3}{83}$	$\frac{1}{7}$	$\frac{20}{83}$	$\frac{1}{3}$	$\Phi_{1743}\ \Phi_{21}^2$
53604	1008	1515	$\frac{21}{505}$	$\frac{64}{505}$	$\frac{121}{505}$	$\frac{1}{3}$	$\Phi_{1515}\ \Phi_{303}\ \Phi_{15}$
53605	1008	1704	$\frac{3}{71}$	$\frac{1}{8}$	$\frac{17}{71}$	$\frac{1}{3}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{426}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
53606	1008	303	$\frac{5}{101}$	$\frac{11}{101}$	$\frac{24}{101}$	$\frac{1}{3}$	$\Phi_{303}^5\ \Phi_{3}^4$
53607	1008	330	$\frac{3}{55}$	$\frac{1}{10}$	$\frac{13}{55}$	$\frac{1}{3}$	$\Phi_{330}^5\ \Phi_{165}^4\ \Phi_{66}^5\ \Phi_{33}^4\ \Phi_{30}^6\ \Phi_{15}^5\ \Phi_{6}^6\ \Phi_{3}^4$
53608	1008	1515	$\frac{33}{505}$	$\frac{43}{505}$	$\frac{118}{505}$	$\frac{1}{3}$	$\Phi_{1515}\ \Phi_{303}\ \Phi_{15}$
53609	1008	105	$\frac{1}{15}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{105}^9\ \Phi_{35}^{10}\ \Phi_{21}^9\ \Phi_{15}^{11}\ \Phi_{7}^{10}\ \Phi_{5}^{12}\ \Phi_{3}^{10}\ \Phi_{1}^{12}$
53610	1008	1515	$\frac{28}{505}$	$\frac{53}{505}$	$\frac{113}{505}$	$\frac{1}{3}$	$\Phi_{1515}\ \Phi_{303}\ \Phi_{15}$
53611	1008	1665	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1665}\ \Phi_{185}$
53612	1008	1287	$\frac{5}{143}$	$\frac{23}{143}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1287}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{13}\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{1}^2$
53613	1008	1575	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1575}\ \Phi_{315}\ \Phi_{175}\ \Phi_{35}$
53614	1008	1287	$\frac{7}{143}$	$\frac{17}{143}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1287}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{13}\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{1}^2$
53615	1008	171	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{171}^6\ \Phi_{57}^7\ \Phi_{19}^6$
53616	1008	1287	$\frac{8}{143}$	$\frac{15}{143}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1287}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{13}\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{1}^2$
53617	1008	1530	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{306}\ \Phi_{170}\ \Phi_{85}\ \Phi_{34}$
53618	1008	693	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{99}\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{1}^2$
53619	1008	117	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{117}^{11}\ \Phi_{13}^{11}\ \Phi_{9}^{12}\ \Phi_{1}^{12}$
53620	1008	1518	$\frac{1}{22}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{138}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{6}^2$
53621	1008	1515	$\frac{22}{505}$	$\frac{69}{505}$	$\frac{109}{505}$	$\frac{1}{3}$	$\Phi_{1515}\ \Phi_{303}\ \Phi_{15}$
53622	1008	1515	$\frac{19}{505}$	$\frac{81}{505}$	$\frac{106}{505}$	$\frac{1}{3}$	$\Phi_{1515}\ \Phi_{303}\ \Phi_{15}$
53623	1008	195	$\frac{2}{65}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{195}^8\ \Phi_{39}^8\ \Phi_{15}^5\ \Phi_{3}^4$
53624	1008	1875	$\frac{4}{125}$	$\frac{121}{625}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1875}\ \Phi_{15}$
53625	1008	75	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{75}^{20}\ \Phi_{15}^{21}\ \Phi_{3}^{20}$
53626	1008	2310	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{210}$
53627	1008	375	$\frac{6}{125}$	$\frac{17}{125}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{375}^4\ \Phi_{75}^4\ \Phi_{15}^5\ \Phi_{3}^4$
53628	1008	2280	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}$
53629	1008	375	$\frac{8}{125}$	$\frac{13}{125}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{375}^4\ \Phi_{75}^4\ \Phi_{15}^5\ \Phi_{3}^4$
53630	1008	30	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{30}^{36}\ \Phi_{15}^{29}\ \Phi_{10}^{40}\ \Phi_{6}^{36}\ \Phi_{5}^{32}\ \Phi_{3}^{28}\ \Phi_{2}^{40}\ \Phi_{1}^{32}$
53631	1008	825	$\frac{2}{25}$	$\frac{23}{275}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{825}^2\ \Phi_{165}^2\ \Phi_{33}^2\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
53632	1008	303	$\frac{5}{101}$	$\frac{16}{101}$	$\frac{17}{101}$	$\frac{1}{3}$	$\Phi_{303}^{5}\ \Phi_{3}^{4}$
53633	1008	1743	$\frac{5}{83}$	$\frac{1}{7}$	$\frac{13}{83}$	$\frac{1}{3}$	$\Phi_{1743}\ \Phi_{21}^{2}$
53634	1008	1515	$\frac{31}{505}$	$\frac{71}{505}$	$\frac{79}{505}$	$\frac{1}{3}$	$\Phi_{1515}\ \Phi_{303}\ \Phi_{15}$
53635	1008	1704	$\frac{5}{71}$	$\frac{1}{8}$	$\frac{11}{71}$	$\frac{1}{3}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{426}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
53636	1008	1515	$\frac{37}{505}$	$\frac{61}{505}$	$\frac{78}{505}$	$\frac{1}{3}$	$\Phi_{1515}\ \Phi_{303}\ \Phi_{15}$
53637	1008	330	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{33}$	$\frac{1}{3}$	$\Phi_{330}^{3}\ \Phi_{165}^{3}\ \Phi_{110}^{4}\ \Phi_{66}^{3}\ \Phi_{55}^{4}\ \Phi_{30}^{4}\ \Phi_{22}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}$
53638	1008	1599	$\frac{1}{13}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{3}$	$\Phi_{1599}\ \Phi_{39}^{2}$
53639	1008	1515	$\frac{36}{505}$	$\frac{67}{505}$	$\frac{73}{505}$	$\frac{1}{3}$	$\Phi_{1515}\ \Phi_{303}\ \Phi_{15}$
53640	1008	105	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{105}^{10}\ \Phi_{35}^{10}\ \Phi_{21}^{5}\ \Phi_{15}^{12}\ \Phi_{7}^{10}\ \Phi_{5}^{12}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
53641	1008	1743	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1743}\ \Phi_{21}^{2}$
53642	1008	2184	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}$
53643	1008	279	$\frac{3}{31}$	$\frac{1}{9}$	$\frac{4}{31}$	$\frac{1}{3}$	$\Phi_{279}^{4}\ \Phi_{93}^{2}\ \Phi_{31}^{4}\ \Phi_{9}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
53644	1008	303	$\frac{10}{101}$	$\frac{11}{101}$	$\frac{13}{101}$	$\frac{1}{3}$	$\Phi_{303}^{5}\ \Phi_{3}^{4}$
53645	1008	330	$\frac{1}{10}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{3}$	$\Phi_{330}^{5}\ \Phi_{165}^{4}\ \Phi_{66}^{5}\ \Phi_{33}^{4}\ \Phi_{30}^{6}\ \Phi_{15}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{4}$
53646	1008	1515	$\frac{49}{505}$	$\frac{57}{505}$	$\frac{64}{505}$	$\frac{1}{3}$	$\Phi_{1515}\ \Phi_{303}\ \Phi_{15}$
53647	1008	1704	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{426}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
53648	1008	360	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{4}\ \Phi_{36}^{2}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^{4}$ $\Phi_{15}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
53649	1008	913	$\frac{2}{83}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{27}{83}$	$\Phi_{913}\ \Phi_{83}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
53650	1008	1660	$\frac{2}{83}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{27}{83}$	$\Phi_{1660}\ \Phi_{830}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
53651	1008	1007	$\frac{26}{1007}$	$\frac{170}{1007}$	$\frac{279}{1007}$	$\frac{327}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53652	1008	1265	$\frac{7}{253}$	$\frac{1}{5}$	$\frac{57}{253}$	$\frac{82}{253}$	$\Phi_{1265}\ \Phi_{115}\ \Phi_{55}$
53653	1008	1007	$\frac{29}{1007}$	$\frac{195}{1007}$	$\frac{227}{1007}$	$\frac{326}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53654	1008	1348	$\frac{10}{337}$	$\frac{57}{337}$	$\frac{1}{4}$	$\frac{109}{337}$	$\Phi_{1348}\ \Phi_{674}$
53655	1008	155	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{10}{31}$	$\Phi_{155}^{6}\ \Phi_{31}^{8}\ \Phi_{5}^{9}\ \Phi_{1}^{12}$
53656	1008	53	$\frac{2}{53}$	$\frac{9}{53}$	$\frac{11}{53}$	$\frac{17}{53}$	$\Phi_{53}^{19}\ \Phi_{1}^{20}$
53657	1008	1265	$\frac{10}{253}$	$\frac{43}{253}$	$\frac{1}{5}$	$\frac{81}{253}$	$\Phi_{1265}\ \Phi_{115}\ \Phi_{55}$
53658	1008	470	$\frac{2}{47}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{15}{47}$	$\Phi_{470}^{2}\ \Phi_{235}^{2}\ \Phi_{94}^{2}\ \Phi_{47}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
53659	1008	376	$\frac{2}{47}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{15}{47}$	$\Phi_{376}^{3}\ \Phi_{188}^{2}\ \Phi_{94}^{2}\ \Phi_{47}^{3}\ \Phi_{8}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
53660	1008	1175	$\frac{2}{47}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{15}{47}$	$\Phi_{1175}\ \Phi_{47}\ \Phi_{25}^{2}\ \Phi_{1}^{2}$
53661	1008	1007	$\frac{44}{1007}$	$\frac{98}{1007}$	$\frac{303}{1007}$	$\frac{321}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53662	1008	1160	$\frac{7}{145}$	$\frac{1}{8}$	$\frac{33}{145}$	$\frac{46}{145}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
53663	1008	943	$\frac{2}{41}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{13}{41}$	$\Phi_{943}\ \Phi_{41}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$
53664	1008	1476	$\frac{2}{41}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{13}{41}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{492}\ \Phi_{246}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
53665	1008	943	$\frac{2}{41}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{13}{41}$	$\Phi_{943}\ \Phi_{41}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$
53666	1008	1435	$\frac{2}{41}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{13}{41}$	$\Phi_{1435}\ \Phi_{35}^{2}$
53667	1008	1007	$\frac{50}{1007}$	$\frac{86}{1007}$	$\frac{307}{1007}$	$\frac{319}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53668	1008	1143	$\frac{7}{127}$	$\frac{1}{9}$	$\frac{29}{127}$	$\frac{40}{127}$	$\Phi_{1143}\ \Phi_{381}$
53669	1008	1007	$\frac{56}{1007}$	$\frac{111}{1007}$	$\frac{230}{1007}$	$\frac{317}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$
53670	1008	1007	$\frac{56}{1007}$	$\frac{115}{1007}$	$\frac{223}{1007}$	$\frac{317}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
53671	1008	1348	$\frac{19}{337}$	$\frac{33}{337}$	$\frac{1}{4}$	$\frac{106}{337}$	$\Phi_{1348}\ \Phi_{674}$
53672	1008	315	$\frac{2}{35}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{11}{35}$	$\Phi_{315}^3\ \Phi_{105}^3\ \Phi_{63}^3\ \Phi_{45}^3\ \Phi_{35}^4\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{9}^6\ \Phi_{7}^4\ \Phi_{5}^4\ \Phi_{3}^6\ \Phi_{1}^8$
53673	1008	280	$\frac{2}{35}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{11}{35}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^4\ \Phi_{40}^5\ \Phi_{28}^4\ \Phi_{20}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{2}^4$
53674	1008	1183	$\frac{10}{169}$	$\frac{1}{7}$	$\frac{29}{169}$	$\frac{53}{169}$	$\Phi_{1183}\ \Phi_{91}$
53675	1008	1007	$\frac{62}{1007}$	$\frac{139}{1007}$	$\frac{173}{1007}$	$\frac{315}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^2$
53676	1008	1265	$\frac{16}{253}$	$\frac{29}{253}$	$\frac{1}{5}$	$\frac{79}{253}$	$\Phi_{1265}\ \Phi_{115}\ \Phi_{55}$
53677	1008	1007	$\frac{65}{1007}$	$\frac{97}{1007}$	$\frac{231}{1007}$	$\frac{314}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^2$
53678	1008	1007	$\frac{65}{1007}$	$\frac{99}{1007}$	$\frac{227}{1007}$	$\frac{314}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^2$
53679	1008	1348	$\frac{22}{337}$	$\frac{29}{337}$	$\frac{1}{4}$	$\frac{105}{337}$	$\Phi_{1348}\ \Phi_{674}$
53680	1008	232	$\frac{2}{29}$	$\frac{1}{8}$	$\frac{5}{29}$	$\frac{9}{29}$	$\Phi_{232}^5\ \Phi_{116}^5\ \Phi_{58}^5\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{2}^4$
53681	1008	1007	$\frac{74}{1007}$	$\frac{119}{1007}$	$\frac{174}{1007}$	$\frac{311}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^2$
53682	1008	1265	$\frac{19}{253}$	$\frac{25}{253}$	$\frac{1}{5}$	$\frac{78}{253}$	$\Phi_{1265}\ \Phi_{115}\ \Phi_{55}$
53683	1008	455	$\frac{1}{13}$	$\frac{9}{65}$	$\frac{1}{7}$	$\frac{4}{13}$	$\Phi_{455}^3\ \Phi_{91}\ \Phi_{35}^3$
53684	1008	605	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{37}{121}$	$\Phi_{605}^2\ \Phi_{55}^3\ \Phi_{5}^2$
53685	1008	1380	$\frac{1}{15}$	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{276}\ \Phi_{230}\ \Phi_{138}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{6}^2$
53686	1008	943	$\frac{2}{23}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{7}{23}$	$\Phi_{943}\ \Phi_{41}^2\ \Phi_{23}^2\ \Phi_{1}^4$
53687	1008	1288	$\frac{2}{23}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{23}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{322}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2$
53688	1008	1095	$\frac{1}{15}$	$\frac{7}{73}$	$\frac{17}{73}$	$\frac{22}{73}$	$\Phi_{1095}\ \Phi_{365}\ \Phi_{219}$
53689	1008	340	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{340}^4\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{68}^5\ \Phi_{34}^3\ \Phi_{17}^2$
53690	1008	470	$\frac{3}{47}$	$\frac{1}{10}$	$\frac{11}{47}$	$\frac{3}{10}$	$\Phi_{470}^2\ \Phi_{235}^2\ \Phi_{94}^2\ \Phi_{47}^3\ \Phi_{10}^4\ \Phi_{5}^4\ \Phi_{2}^4\ \Phi_{1}^6$
53691	1008	130	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{130}^8\ \Phi_{65}^9\ \Phi_{26}^8\ \Phi_{13}^8$
53692	1008	470	$\frac{1}{10}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{3}{10}$	$\Phi_{470}^2\ \Phi_{235}^2\ \Phi_{94}^2\ \Phi_{47}^3\ \Phi_{10}^4\ \Phi_{5}^4\ \Phi_{2}^4\ \Phi_{1}^6$
53693	1008	630	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{10}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{63}^3\ \Phi_{42}^2\ \Phi_{21}^3$
53694	1008	1007	$\frac{101}{1007}$	$\frac{107}{1007}$	$\frac{151}{1007}$	$\frac{300}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^2$
53695	1008	1007	$\frac{59}{1007}$	$\frac{110}{1007}$	$\frac{237}{1007}$	$\frac{299}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^2$
53696	1008	1007	$\frac{110}{1007}$	$\frac{118}{1007}$	$\frac{127}{1007}$	$\frac{299}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^2$
53697	1008	1088	$\frac{1}{17}$	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{1088}\ \Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
53698	1008	1160	$\frac{16}{145}$	$\frac{17}{145}$	$\frac{1}{8}$	$\frac{43}{145}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
53699	1008	1183	$\frac{17}{169}$	$\frac{19}{169}$	$\frac{1}{7}$	$\frac{50}{169}$	$\Phi_{1183}\ \Phi_{91}$
53700	1008	935	$\frac{3}{55}$	$\frac{2}{17}$	$\frac{13}{55}$	$\frac{5}{17}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}^2\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_{5}^2\ \Phi_{1}^4$
53701	1008	255	$\frac{1}{15}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{255}^4\ \Phi_{85}^3\ \Phi_{51}^4\ \Phi_{17}^4\ \Phi_{15}^8\ \Phi_{5}^6\ \Phi_{3}^8\ \Phi_{1}^8$
53702	1008	221	$\frac{1}{13}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{221}^5\ \Phi_{13}^4$
53703	1008	561	$\frac{1}{11}$	$\frac{2}{17}$	$\frac{5}{33}$	$\frac{5}{17}$	$\Phi_{561}^2\ \Phi_{187}\ \Phi_{51}^2\ \Phi_{33}^4\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_{3}^4\ \Phi_{1}^4$
53704	1008	935	$\frac{6}{55}$	$\frac{2}{17}$	$\frac{7}{55}$	$\frac{5}{17}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}\ \Phi_{55}^2\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_{5}^2\ \Phi_{1}^4$
53705	1008	1224	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{5}{17}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{102}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{6}^2$
53706	1008	1007	$\frac{55}{1007}$	$\frac{119}{1007}$	$\frac{237}{1007}$	$\frac{296}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^2$
53707	1008	1348	$\frac{17}{337}$	$\frac{40}{337}$	$\frac{1}{4}$	$\frac{99}{337}$	$\Phi_{1348}\ \Phi_{674}$
53708	1008	1007	$\frac{89}{1007}$	$\frac{122}{1007}$	$\frac{153}{1007}$	$\frac{295}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
53709	1008	1143	$\frac{1}{9}$	$\frac{15}{127}$	$\frac{16}{127}$	$\frac{37}{127}$	$\Phi_{1143}\ \Phi_{381}$
53710	1008	1007	$\frac{51}{1007}$	$\frac{128}{1007}$	$\frac{239}{1007}$	$\frac{293}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^2$
53711	1008	1007	$\frac{111}{1007}$	$\frac{119}{1007}$	$\frac{128}{1007}$	$\frac{293}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^2$
53712	1008	1183	$\frac{15}{169}$	$\frac{22}{169}$	$\frac{1}{7}$	$\frac{49}{169}$	$\Phi_{1183}\ \Phi_{91}$
53713	1008	1007	$\frac{69}{1007}$	$\frac{134}{1007}$	$\frac{179}{1007}$	$\frac{291}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^2$
53714	1008	1265	$\frac{15}{253}$	$\frac{34}{253}$	$\frac{1}{5}$	$\frac{73}{253}$	$\Phi_{1265}\ \Phi_{115}\ \Phi_{55}$
53715	1008	1007	$\frac{48}{1007}$	$\frac{137}{1007}$	$\frac{239}{1007}$	$\frac{290}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^2$
53716	1008	1348	$\frac{15}{337}$	$\frac{46}{337}$	$\frac{1}{4}$	$\frac{97}{337}$	$\Phi_{1348}\ \Phi_{674}$
53717	1008	1095	$\frac{1}{15}$	$\frac{10}{73}$	$\frac{13}{73}$	$\frac{21}{73}$	$\Phi_{1095}\ \Phi_{365}\ \Phi_{219}$
53718	1008	462	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{462}^3\ \Phi_{231}^3\ \Phi_{154}\ \Phi_{77}\ \Phi_{66}^3\ \Phi_{42}^3\ \Phi_{33}^3\ \Phi_{14}\ \Phi_{6}^3$
53719	1008	1007	$\frac{90}{1007}$	$\frac{131}{1007}$	$\frac{146}{1007}$	$\frac{287}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^2$
53720	1008	1007	$\frac{103}{1007}$	$\frac{113}{1007}$	$\frac{149}{1007}$	$\frac{286}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^2$
53721	1008	1143	$\frac{13}{127}$	$\frac{1}{9}$	$\frac{19}{127}$	$\frac{36}{127}$	$\Phi_{1143}\ \Phi_{381}$
53722	1008	1160	$\frac{13}{145}$	$\frac{1}{8}$	$\frac{22}{145}$	$\frac{41}{145}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
53723	1008	273	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{2}{13}$	$\frac{11}{39}$	$\Phi_{273}^6\ \Phi_{91}\ \Phi_{21}^6$
53724	1008	1007	$\frac{59}{1007}$	$\frac{158}{1007}$	$\frac{181}{1007}$	$\frac{283}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^2$
53725	1008	1265	$\frac{13}{253}$	$\frac{40}{253}$	$\frac{1}{5}$	$\frac{71}{253}$	$\Phi_{1265}\ \Phi_{115}\ \Phi_{55}$
53726	1008	1276	$\frac{1}{29}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{1276}\ \Phi_{638}\ \Phi_{116}^2\ \Phi_{58}^2$
53727	1008	913	$\frac{3}{83}$	$\frac{2}{11}$	$\frac{20}{83}$	$\frac{3}{11}$	$\Phi_{913}\ \Phi_{83}^2\ \Phi_{11}^2\ \Phi_{1}^4$
53728	1008	110	$\frac{1}{22}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{110}^{12}\ \Phi_{55}^{11}\ \Phi_{10}^{12}\ \Phi_{5}^{10}$
53729	1008	913	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{913}\ \Phi_{83}^2\ \Phi_{11}^2\ \Phi_{1}^4$
53730	1008	1155	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{21}^2$
53731	1008	913	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{913}\ \Phi_{83}^2\ \Phi_{11}^2\ \Phi_{1}^4$
53732	1008	1144	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1144}\ \Phi_{572}\ \Phi_{286}\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{26}^2$
53733	1008	1073	$\frac{1}{29}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	Φ_{1073}
53734	1008	1007	$\frac{35}{1007}$	$\frac{191}{1007}$	$\frac{243}{1007}$	$\frac{272}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^2$
53735	1008	115	$\frac{1}{23}$	$\frac{22}{115}$	$\frac{1}{5}$	$\frac{31}{115}$	$\Phi_{115}^9\ \Phi_{23}^8\ \Phi_{5}^8\ \Phi_{1}^8$
53736	1008	1078	$\frac{1}{22}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{1078}\ \Phi_{539}\ \Phi_{154}\ \Phi_{98}\ \Phi_{77}\ \Phi_{14}$
53737	1008	19	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{19}^{53}\ \Phi_{1}^{54}$
53738	1008	1007	$\frac{62}{1007}$	$\frac{135}{1007}$	$\frac{218}{1007}$	$\frac{263}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^2$
53739	1008	1095	$\frac{1}{15}$	$\frac{9}{73}$	$\frac{16}{73}$	$\frac{19}{73}$	$\Phi_{1095}\ \Phi_{365}\ \Phi_{219}$
53740	1008	1105	$\frac{1}{13}$	$\frac{9}{85}$	$\frac{19}{85}$	$\frac{22}{85}$	$\Phi_{1105}\ \Phi_{221}\ \Phi_{65}$
53741	1008	1007	$\frac{75}{1007}$	$\frac{107}{1007}$	$\frac{233}{1007}$	$\frac{258}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^2$
53742	1008	1007	$\frac{63}{1007}$	$\frac{125}{1007}$	$\frac{236}{1007}$	$\frac{257}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^2$
53743	1008	1160	$\frac{9}{145}$	$\frac{1}{8}$	$\frac{34}{145}$	$\frac{37}{145}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
53744	1008	1183	$\frac{9}{169}$	$\frac{1}{7}$	$\frac{40}{169}$	$\frac{43}{169}$	$\Phi_{1183}\ \Phi_{91}$
53745	1008	1007	$\frac{39}{1007}$	$\frac{188}{1007}$	$\frac{242}{1007}$	$\frac{255}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^2$
53746	1008	1265	$\frac{9}{253}$	$\frac{1}{5}$	$\frac{61}{253}$	$\frac{64}{253}$	$\Phi_{1265}\ \Phi_{115}\ \Phi_{55}$
53747	1008	1007	$\frac{27}{1007}$	$\frac{245}{1007}$	$\frac{251}{1007}$	$\frac{254}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
53748	1008	1348	$\frac{9}{337}$	$\frac{82}{337}$	$\frac{1}{4}$	$\frac{85}{337}$	$\Phi_{1348}\ \Phi_{674}$
53749	1008	148	$\frac{1}{37}$	$\frac{9}{37}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{148}^6\ \Phi_{74}^6\ \Phi_{37}^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{12}$
53750	1008	580	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{580}^2\ \Phi_{290}^2\ \Phi_{145}^3$
53751	1008	148	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{148}^6\ \Phi_{74}^6\ \Phi_{37}^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{12}$
53752	1008	136	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{136}^9\ \Phi_{68}^7\ \Phi_{34}^7\ \Phi_{17}^6$
53753	1008	444	$\frac{7}{111}$	$\frac{13}{111}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{444}^2\ \Phi_{222}^2\ \Phi_{148}^2\ \Phi_{111}^3\ \Phi_{74}^2\ \Phi_{37}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
53754	1008	180	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^4\ \Phi_{45}^9\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^6\ \Phi_{12}^2\ \Phi_{10}^4\ \Phi_9^6\ \Phi_6^2\ \Phi_5^6\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
53755	1008	1660	$\frac{3}{83}$	$\frac{1}{5}$	$\frac{20}{83}$	$\frac{1}{4}$	$\Phi_{1660}\ \Phi_{830}\ \Phi_{20}^2\ \Phi_{10}^2$
53756	1008	1348	$\frac{13}{337}$	$\frac{64}{337}$	$\frac{81}{337}$	$\frac{1}{4}$	$\Phi_{1348}\ \Phi_{674}$
53757	1008	1540	$\frac{3}{55}$	$\frac{1}{7}$	$\frac{13}{55}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{308}\ \Phi_{154}\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}^2\ \Phi_{14}^2$
53758	1008	1348	$\frac{21}{337}$	$\frac{43}{337}$	$\frac{79}{337}$	$\frac{1}{4}$	$\Phi_{1348}\ \Phi_{674}$
53759	1008	376	$\frac{3}{47}$	$\frac{1}{8}$	$\frac{11}{47}$	$\frac{1}{4}$	$\Phi_{376}^3\ \Phi_{188}^2\ \Phi_{94}^2\ \Phi_{47}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
53760	1008	1348	$\frac{25}{337}$	$\frac{37}{337}$	$\frac{78}{337}$	$\frac{1}{4}$	$\Phi_{1348}\ \Phi_{674}$
53761	1008	468	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{52}^4\ \Phi_{26}^4$
53762	1008	1380	$\frac{1}{15}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{276}\ \Phi_{230}\ \Phi_{138}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2$
53763	1008	1348	$\frac{22}{337}$	$\frac{45}{337}$	$\frac{73}{337}$	$\frac{1}{4}$	$\Phi_{1348}\ \Phi_{674}$
53764	1008	1360	$\frac{1}{17}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
53765	1008	1348	$\frac{19}{337}$	$\frac{53}{337}$	$\frac{71}{337}$	$\frac{1}{4}$	$\Phi_{1348}\ \Phi_{674}$
53766	1008	220	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{220}^6\ \Phi_{110}^3\ \Phi_{55}^3\ \Phi_{44}^8\ \Phi_{22}^4\ \Phi_{20}^3\ \Phi_{11}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
53767	1008	1700	$\frac{1}{17}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{68}\ \Phi_{34}$
53768	1008	1660	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1660}\ \Phi_{830}\ \Phi_{20}^2\ \Phi_{10}^2$
53769	1008	420	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^3\ \Phi_{84}^4\ \Phi_{70}^3\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{14}^4$
53770	1008	1660	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1660}\ \Phi_{830}\ \Phi_{20}^2\ \Phi_{10}^2$
53771	1008	520	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{520}^3\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{65}^3$
53772	1008	924	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{33}$	$\frac{1}{4}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}\ \Phi_{154}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{14}^2$
53773	1008	376	$\frac{5}{47}$	$\frac{1}{8}$	$\frac{7}{47}$	$\frac{1}{4}$	$\Phi_{376}^3\ \Phi_{188}^2\ \Phi_{94}^2\ \Phi_{47}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
53774	1008	1348	$\frac{37}{337}$	$\frac{41}{337}$	$\frac{50}{337}$	$\frac{1}{4}$	$\Phi_{1348}\ \Phi_{674}$
53775	1008	1476	$\frac{1}{9}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{4}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{492}\ \Phi_{246}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
53776	1008	1348	$\frac{36}{337}$	$\frac{43}{337}$	$\frac{49}{337}$	$\frac{1}{4}$	$\Phi_{1348}\ \Phi_{674}$
53777	1008	1540	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{308}\ \Phi_{154}\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}^2\ \Phi_{14}^2$
53778	1008	504	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{504}^3\ \Phi_{252}^2\ \Phi_{168}^3\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^3\ \Phi_{42}^2\ \Phi_{21}^3$
53779	1008	247	$\frac{15}{247}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{58}{247}$	$\Phi_{247}^4\ \Phi_{19}^5\ \Phi_{13}^4\ \Phi_1^6$
53780	1008	1175	$\frac{3}{47}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{11}{47}$	$\Phi_{1175}\ \Phi_{47}\ \Phi_{25}^2\ \Phi_1^2$
53781	1008	182	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{5}{26}$	$\frac{3}{13}$	$\Phi_{182}^8\ \Phi_{91}^5\ \Phi_{14}^8\ \Phi_7^4$
53782	1008	315	$\frac{3}{35}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{8}{35}$	$\Phi_{315}^3\ \Phi_{105}^3\ \Phi_{63}^3\ \Phi_{45}^3\ \Phi_{35}^4\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_9^6\ \Phi_7^4\ \Phi_5^4\ \Phi_3^6\ \Phi_1^8$
53783	1008	280	$\frac{3}{35}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{8}{35}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^4\ \Phi_{40}^5\ \Phi_{28}^4\ \Phi_{20}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4$
53784	1008	1007	$\frac{87}{1007}$	$\frac{111}{1007}$	$\frac{224}{1007}$	$\frac{230}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53785	1008	1160	$\frac{13}{145}$	$\frac{1}{8}$	$\frac{28}{145}$	$\frac{33}{145}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
53786	1008	1007	$\frac{99}{1007}$	$\frac{116}{1007}$	$\frac{195}{1007}$	$\frac{227}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53787	1008	1265	$\frac{25}{253}$	$\frac{28}{253}$	$\frac{1}{5}$	$\frac{57}{253}$	$\Phi_{1265}\ \Phi_{115}\ \Phi_{55}$
53788	1008	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{90}^{12}\ \Phi_{45}^{9}\ \Phi_{30}^{12}\ \Phi_{18}^{12}\ \Phi_{15}^{9}\ \Phi_{10}^{16}\ \Phi_{9}^{12}\ \Phi_{6}^{12}\ \Phi_{5}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
53789	1008	63	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{9}$	$\Phi_{63}^{15}\ \Phi_{21}^{15}\ \Phi_{9}^{18}\ \Phi_{7}^{20}\ \Phi_{3}^{18}\ \Phi_{1}^{24}$
53790	1008	1130	$\frac{1}{10}$	$\frac{13}{113}$	$\frac{22}{113}$	$\frac{25}{113}$	$\Phi_{1130}\ \Phi_{565}\ \Phi_{226}$
53791	1008	1007	$\frac{123}{1007}$	$\frac{131}{1007}$	$\frac{146}{1007}$	$\frac{221}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53792	1008	1183	$\frac{21}{169}$	$\frac{22}{169}$	$\frac{1}{7}$	$\frac{37}{169}$	$\Phi_{1183}\ \Phi_{91}$
53793	1008	1007	$\frac{90}{1007}$	$\frac{131}{1007}$	$\frac{197}{1007}$	$\frac{219}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53794	1008	115	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{5}{23}$	$\Phi_{115}^{11}\ \Phi_{5}^{10}$
53795	1008	943	$\frac{5}{41}$	$\frac{3}{23}$	$\frac{6}{41}$	$\frac{5}{23}$	$\Phi_{943}\ \Phi_{41}^2\ \Phi_{23}^2\ \Phi_1^4$
53796	1008	1288	$\frac{1}{8}$	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{5}{23}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{322}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2$
53797	1008	1007	$\frac{113}{1007}$	$\frac{143}{1007}$	$\frac{149}{1007}$	$\frac{216}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53798	1008	1160	$\frac{1}{8}$	$\frac{19}{145}$	$\frac{21}{145}$	$\frac{31}{145}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
53799	1008	1007	$\frac{125}{1007}$	$\frac{132}{1007}$	$\frac{147}{1007}$	$\frac{215}{1007}$	$\Phi_{1007}\ \Phi_{53}\ \Phi_{19}\ \Phi_1^2$
53800	1008	1183	$\frac{19}{169}$	$\frac{1}{7}$	$\frac{25}{169}$	$\frac{36}{169}$	$\Phi_{1183}\ \Phi_{91}$
53801	1008	53	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{9}{53}$	$\frac{11}{53}$	$\Phi_{53}^{19}\ \Phi_{1}^{20}$
53802	1008	325	$\frac{1}{13}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{325}^4\ \Phi_{65}$
53803	1008	155	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{155}^6\ \Phi_{31}^8\ \Phi_5^9\ \Phi_1^{12}$
53804	1008	40	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{40}^{29}\ \Phi_{20}^{29}\ \Phi_{10}^{13}\ \Phi_{8}^{28}\ \Phi_{5}^{16}\ \Phi_{4}^{28}\ \Phi_{2}^{12}\ \Phi_{1}^{16}$
53805	1008	165	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{2}{11}$	$\frac{1}{5}$	$\Phi_{165}^9\ \Phi_{55}^5\ \Phi_{15}^9\ \Phi_5^4$
53806	1008	1400	$\frac{4}{35}$	$\frac{1}{8}$	$\frac{31}{175}$	$\frac{1}{5}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
53807	1008	1175	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1175}\ \Phi_{47}\ \Phi_{25}^2\ \Phi_1^2$
53808	1008	1575	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{63}\ \Phi_{21}$
53809	1008	1435	$\frac{5}{41}$	$\frac{1}{7}$	$\frac{6}{41}$	$\frac{1}{5}$	$\Phi_{1435}\ \Phi_{35}^2$
53810	1008	1265	$\frac{31}{253}$	$\frac{36}{253}$	$\frac{37}{253}$	$\frac{1}{5}$	$\Phi_{1265}\ \Phi_{115}\ \Phi_{55}$
53811	1008	280	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{280}^5\ \Phi_{140}^5\ \Phi_{70}^5\ \Phi_{40}^6\ \Phi_{20}^6\ \Phi_{10}^6$
53812	1009	1728	$\frac{1}{144}$	$\frac{145}{864}$	$\frac{719}{1728}$	$\frac{143}{288}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
53813	1009	1792	$\frac{1}{112}$	$\frac{113}{896}$	$\frac{783}{1792}$	$\frac{111}{224}$	$\Phi_{1792}\ \Phi_{256}\ \Phi_{224}\ \Phi_{32}\ \Phi_1$
53814	1009	1344	$\frac{1}{112}$	$\frac{335}{1344}$	$\frac{113}{448}$	$\frac{111}{224}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
53815	1009	1984	$\frac{17}{992}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{975}{1984}$	$\Phi_{1984}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
53816	1009	1920	$\frac{1}{48}$	$\frac{49}{960}$	$\frac{911}{1920}$	$\frac{47}{96}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{96}\ \Phi_{32}\ \Phi_1$
53817	1009	1440	$\frac{1}{48}$	$\frac{49}{480}$	$\frac{431}{1440}$	$\frac{47}{96}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
53818	1009	1152	$\frac{1}{48}$	$\frac{143}{1152}$	$\frac{49}{192}$	$\frac{47}{96}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
53819	1009	1218	$\frac{6}{203}$	$\frac{1}{7}$	$\frac{209}{1218}$	$\frac{197}{406}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{203}\ \Phi_{174}\ \Phi_{87}\ \Phi_{42}\ \Phi_{29}\ \Phi_{21}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
53820	1009	1960	$\frac{29}{980}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{951}{1960}$	$\Phi_{1960}\ \Phi_{392}\ \Phi_{280}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
53821	1009	1104	$\frac{3}{92}$	$\frac{95}{1104}$	$\frac{1}{4}$	$\frac{89}{184}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{48}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
53822	1009	1944	$\frac{37}{972}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{935}{1944}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{216}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
53823	1009	1936	$\frac{41}{968}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{927}{1936}$	$\Phi_{1936}\ \Phi_{176}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
53824	1009	1368	$\frac{17}{342}$	$\frac{1}{18}$	$\frac{359}{1368}$	$\frac{325}{684}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{342}\ \Phi_{171}\ \Phi_{152}\ \Phi_{114}\ \Phi_{72}\ \Phi_{57}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_8\ \Phi_1$
53825	1009	1920	$\frac{49}{960}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{911}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
53826	1009	1920	$\frac{49}{960}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{911}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
53827	1009	1224	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{215}{1224}$	$\frac{193}{408}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{72}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_9\ \Phi_1$
53828	1009	1092	$\frac{5}{78}$	$\frac{83}{1092}$	$\frac{1}{6}$	$\frac{73}{156}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{91}\ \Phi_{84}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}\ \Phi_{26}\ \Phi_{21}\ \Phi_{14}\ \Phi_{13}\ \Phi_7\ \Phi_1$
53829	1009	1056	$\frac{47}{1056}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
53830	1009	1872	$\frac{5}{78}$	$\frac{73}{936}$	$\frac{1}{6}$	$\frac{863}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{144}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
53831	1009	1840	$\frac{3}{92}$	$\frac{89}{920}$	$\frac{1}{4}$	$\frac{831}{1840}$	$\Phi_{1840}\ \Phi_{368}\ \Phi_{92}\ \Phi_{80}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_1$
53832	1009	1792	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{113}{896}$	$\frac{783}{1792}$	$\Phi_{1792}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
53833	1009	1176	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{167}{1176}$	$\frac{127}{294}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{196}\ \Phi_{168}\ \Phi_{147}\ \Phi_{84}\ \Phi_{56}\ \Phi_{49}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
53834	1009	1764	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{127}{882}$	$\frac{755}{1764}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{84}\ \Phi_{49}\ \Phi_{36}\ \Phi_{28}\ \Phi_{12}\ \Phi_4\ \Phi_1$
53835	1009	1728	$\frac{1}{72}$	$\frac{145}{864}$	$\frac{71}{216}$	$\frac{719}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{64}\ \Phi_{54}\ \Phi_{27}\ \Phi_1$
53836	1009	1050	$\frac{41}{1050}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}\ \Phi_{105}\ \Phi_{75}\ \Phi_{50}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
53837	1009	1080	$\frac{71}{1080}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
53838	1009	1260	$\frac{1}{42}$	$\frac{41}{210}$	$\frac{251}{1260}$	$\frac{169}{420}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
53839	1009	1440	$\frac{1}{72}$	$\frac{71}{360}$	$\frac{431}{1440}$	$\frac{289}{720}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
53840	1009	1680	$\frac{1}{42}$	$\frac{41}{210}$	$\frac{169}{840}$	$\frac{671}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{48}\ \Phi_{35}\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
53841	1009	1632	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{193}{816}$	$\frac{623}{1632}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{204}\ \Phi_{102}\ \Phi_{96}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_1$
53842	1009	1624	$\frac{6}{203}$	$\frac{1}{7}$	$\frac{197}{812}$	$\frac{615}{1624}$	$\Phi_{1624}\ \Phi_{232}\ \Phi_{203}\ \Phi_{56}\ \Phi_{29}\ \Phi_8\ \Phi_1$
53843	1009	1536	$\frac{15}{256}$	$\frac{1}{16}$	$\frac{241}{768}$	$\frac{527}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
53844	1009	1080	$\frac{1}{18}$	$\frac{71}{1080}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
53845	1009	1296	$\frac{1}{72}$	$\frac{287}{1296}$	$\frac{71}{216}$	$\frac{145}{432}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_1$
53846	1009	1512	$\frac{1}{126}$	$\frac{125}{378}$	$\frac{503}{1512}$	$\frac{253}{756}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
53847	1009	1458	$\frac{1}{18}$	$\frac{37}{486}$	$\frac{449}{1458}$	$\frac{17}{54}$	$\Phi_{1458}\ \Phi_{729}\ \Phi_{54}\ \Phi_{27}\ \Phi_1$
53848	1009	1134	$\frac{1}{18}$	$\frac{125}{1134}$	$\frac{37}{162}$	$\frac{17}{54}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
53849	1009	1296	$\frac{1}{18}$	$\frac{37}{324}$	$\frac{287}{1296}$	$\frac{17}{54}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
53850	1009	1470	$\frac{29}{490}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{461}{1470}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{294}\ \Phi_{210}\ \Phi_{147}\ \Phi_{105}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
53851	1009	1170	$\frac{5}{78}$	$\frac{161}{1170}$	$\frac{1}{6}$	$\frac{73}{234}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{90}\ \Phi_{78}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_1$
53852	1009	1452	$\frac{3}{44}$	$\frac{41}{484}$	$\frac{1}{4}$	$\frac{443}{1452}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{363}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
53853	1009	1440	$\frac{1}{12}$	$\frac{49}{480}$	$\frac{11}{60}$	$\frac{431}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
53854	1009	1323	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{314}{1323}$	$\frac{127}{441}$	$\Phi_{1323}\ \Phi_{189}\ \Phi_{147}\ \Phi_{49}\ \Phi_{27}\ \Phi_1$
53855	1009	1404	$\frac{5}{78}$	$\frac{73}{468}$	$\frac{1}{6}$	$\frac{395}{1404}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{108}\ \Phi_{78}\ \Phi_{54}\ \Phi_{39}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
53856	1009	1380	$\frac{3}{92}$	$\frac{89}{460}$	$\frac{1}{4}$	$\frac{371}{1380}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{60}\ \Phi_{46}\ \Phi_{30}\ \Phi_{23}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
53857	1009	1152	$\frac{1}{16}$	$\frac{143}{1152}$	$\frac{15}{64}$	$\frac{49}{192}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
53858	1009	1280	$\frac{1}{16}$	$\frac{49}{320}$	$\frac{271}{1280}$	$\frac{15}{64}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
53859	1009	1248	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{239}{1248}$	$\frac{73}{312}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{208}\ \Phi_{96}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
53860	1009	1120	$\frac{111}{1120}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{140}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
53861	1009	1200	$\frac{1}{12}$	$\frac{191}{1200}$	$\frac{11}{60}$	$\frac{49}{240}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
53862	1009	1225	$\frac{29}{245}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{216}{1225}$	$\Phi_{1225}\ \Phi_{175}\ \Phi_{35}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}$
53863	1010	1608	$\frac{1}{201}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{100}{201}$	$\Phi_{1608}\ \Phi_{536}\ \Phi_{201}\ \Phi_{67}\ \Phi_{24}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
53864	1010	1800	$\frac{1}{100}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{99}{200}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}^2\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
53865	1010	600	$\frac{1}{100}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{99}{200}$	$\Phi_{600}^3\ \Phi_{200}^4\ \Phi_{120}^3\ \Phi_{40}^4\ \Phi_{24}^3\ \Phi_{8}^4\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
53866	1010	198	$\frac{2}{99}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{97}{198}$	$\Phi_{198}^{10}\ \Phi_{66}^{10}\ \Phi_{33}\ \Phi_{22}^{10}\ \Phi_{18}^{10}\ \Phi_{6}^{10}\ \Phi_{2}^{10}$
53867	1010	552	$\frac{1}{46}$	$\frac{47}{552}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{552}^2\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{24}^2\ \Phi_{23}^2\ \Phi_{12}\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
53868	1010	1496	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{35}{136}$	$\frac{33}{68}$	$\Phi_{1496}\ \Phi_{374}\ \Phi_{187}\ \Phi_{88}\ \Phi_{22}$
53869	1010	588	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{95}{196}$	$\Phi_{588}^4\ \Phi_{196}^2\ \Phi_{84}^4\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^4\ \Phi_{4}^2$
53870	1010	348	$\frac{1}{29}$	$\frac{15}{116}$	$\frac{1}{6}$	$\frac{14}{29}$	$\Phi_{348}^4\ \Phi_{174}^3\ \Phi_{116}^2\ \Phi_{87}^3\ \Phi_{58}\ \Phi_{29}^2\ \Phi_{12}^4\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
53871	1010	2904	$\frac{21}{484}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{463}{968}$	$\Phi_{2904}\ \Phi_{264}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{6}$
53872	1010	528	$\frac{23}{528}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
53873	1010	966	$\frac{1}{23}$	$\frac{22}{483}$	$\frac{1}{3}$	$\frac{461}{966}$	$\Phi_{966}^2\ \Phi_{322}^2\ \Phi_{138}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{42}^2\ \Phi_{14}^2\ \Phi_{6}^2\ \Phi_{2}^2$
53874	1010	2112	$\frac{5}{96}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{91}{192}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
53875	1010	552	$\frac{1}{46}$	$\frac{9}{92}$	$\frac{1}{3}$	$\frac{83}{184}$	$\Phi_{552}^5\ \Phi_{138}\ \Phi_{69}\ \Phi_{24}^5\ \Phi_{6}$
53876	1010	450	$\frac{1}{50}$	$\frac{1}{9}$	$\frac{49}{150}$	$\frac{4}{9}$	$\Phi_{450}^2\ \Phi_{225}^2\ \Phi_{150}^3\ \Phi_{90}^2\ \Phi_{75}^3\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_{9}^3\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
53877	1010	936	$\frac{3}{104}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{13}^2\ \Phi_{9}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
53878	1010	315	$\frac{4}{105}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{315}^3\ \Phi_{105}^4\ \Phi_{63}^3\ \Phi_{45}^2\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}^3\ \Phi_{9}^3\ \Phi_{7}^4\ \Phi_{5}^2\ \Phi_{3}^4\ \Phi_{1}^4$
53879	1010	1125	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{24}{125}$	$\frac{4}{9}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{125}^2\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
53880	1010	360	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{19}{120}$	$\frac{4}{9}$	$\Phi_{360}^3\ \Phi_{180}^2\ \Phi_{120}^4\ \Phi_{90}^2\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{45}^2\ \Phi_{40}^4\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_{9}^3\ \Phi_{8}^4\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
53881	1010	990	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{99}\ \Phi_{66}\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
53882	1010	210	$\frac{4}{105}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{210}^6\ \Phi_{105}^4\ \Phi_{70}^6\ \Phi_{42}^5\ \Phi_{35}^4\ \Phi_{30}^6\ \Phi_{21}^3\ \Phi_{15}^4\ \Phi_{14}^5\ \Phi_{10}^6\ \Phi_{7}^4\ \Phi_{6}^4\ \Phi_{5}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
53883	1010	174	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{1}{6}$	$\frac{73}{174}$	$\Phi_{174}^5\ \Phi_{87}^7\ \Phi_{58}^5\ \Phi_{29}^6\ \Phi_{6}^4\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
53884	1010	1188	$\frac{7}{108}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
53885	1010	1870	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{16}{85}$	$\frac{69}{170}$	$\Phi_{1870}\ \Phi_{374}\ \Phi_{187}\ \Phi_{110}\ \Phi_{22}$
53886	1010	408	$\frac{1}{102}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{408}^4\ \Phi_{136}^4\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{24}^3\ \Phi_{17}^2\ \Phi_{8}^4\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
53887	1010	536	$\frac{1}{67}$	$\frac{33}{134}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{536}^3\ \Phi_{134}^2\ \Phi_{67}\ \Phi_{8}^4\ \Phi_{2}^2\ \Phi_{1}^2$
53888	1010	150	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{49}{150}$	$\frac{1}{3}$	$\Phi_{150}^7\ \Phi_{75}^7\ \Phi_{50}^6\ \Phi_{30}^7\ \Phi_{25}^6\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_{6}^9\ \Phi_{5}^6\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^8$
53889	1010	552	$\frac{1}{23}$	$\frac{47}{552}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{184}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{2}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
53890	1010	726	$\frac{1}{22}$	$\frac{21}{242}$	$\frac{221}{726}$	$\frac{1}{3}$	$\Phi_{726}\ \Phi_{363}\ \Phi_{242}^2\ \Phi_{121}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53891	1010	528	$\frac{23}{528}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
53892	1010	138	$\frac{1}{46}$	$\frac{9}{46}$	$\frac{37}{138}$	$\frac{1}{3}$	$\Phi_{138}^6\ \Phi_{69}^6\ \Phi_{46}^{10}\ \Phi_{23}^{10}\ \Phi_6^6\ \Phi_3^5\ \Phi_2^{10}\ \Phi_1^{10}$
53893	1010	312	$\frac{3}{104}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{104}^4\ \Phi_{78}^3\ \Phi_{52}^4\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{24}^3\ \Phi_{13}^4\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53894	1010	132	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{31}{132}$	$\frac{1}{3}$	$\Phi_{132}^{10}\ \Phi_{66}^{10}\ \Phi_{44}^{10}\ \Phi_{33}\ \Phi_{22}^{10}\ \Phi_{12}^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_2^{10}$
53895	1010	1188	$\frac{7}{108}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
53896	1010	1932	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{139}{644}$	$\frac{1}{3}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{276}\ \Phi_{138}\ \Phi_{84}\ \Phi_{69}\ \Phi_{42}\ \Phi_{12}\ \Phi_6$
53897	1010	210	$\frac{4}{105}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^6\ \Phi_{105}^4\ \Phi_{70}^6\ \Phi_{42}^6\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{21}^4\ \Phi_{15}^3\ \Phi_{14}^6\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^6\ \Phi_5^2\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
53898	1010	750	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{24}{125}$	$\frac{1}{3}$	$\Phi_{750}^2\ \Phi_{375}\ \Phi_{250}^2\ \Phi_{125}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53899	1010	330	$\frac{9}{110}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{330}^5\ \Phi_{165}^5\ \Phi_{66}^5\ \Phi_{33}\ \Phi_{30}^5\ \Phi_{15}^5\ \Phi_6^5$
53900	1010	120	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{120}^{10}\ \Phi_{60}^7\ \Phi_{40}^{10}\ \Phi_{30}^7\ \Phi_{24}^{10}\ \Phi_{20}^6\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}^6\ \Phi_8^{10}\ \Phi_6^9\ \Phi_5^6\ \Phi_4^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
53901	1010	330	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{330}^3\ \Phi_{165}^3\ \Phi_{110}^4\ \Phi_{66}^3\ \Phi_{55}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
53902	1010	594	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{594}$	$\frac{1}{3}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_2^2$
53903	1010	522	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{59}{261}$	$\frac{28}{87}$	$\Phi_{522}^3\ \Phi_{261}^2\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}\ \Phi_{18}^3\ \Phi_9^2$
53904	1010	294	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{46}{147}$	$\Phi_{294}^4\ \Phi_{147}^2\ \Phi_{98}^4\ \Phi_{49}^4\ \Phi_{42}^5\ \Phi_{21}^3\ \Phi_{14}^5\ \Phi_7^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
53905	1010	1584	$\frac{1}{11}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{144}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
53906	1010	336	$\frac{11}{112}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^2\ \Phi_{84}^4\ \Phi_{56}^2\ \Phi_{48}^4\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{14}\ \Phi_{12}^4\ \Phi_8^2\ \Phi_4^2$
53907	1010	1320	$\frac{1}{11}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}$
53908	1010	1470	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{43}{245}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
53909	1011	1616	$\frac{1}{202}$	$\frac{203}{808}$	$\frac{605}{1616}$	$\frac{201}{404}$	$\Phi_{1616}\ \Phi_{404}\ \Phi_{16}\ \Phi_4\ \Phi_1$
53910	1011	2000	$\frac{11}{1000}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{989}{2000}$	$\Phi_{2000}\ \Phi_{400}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
53911	1011	660	$\frac{7}{330}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{323}{660}$	$\Phi_{660}^3\ \Phi_{220}^3\ \Phi_{132}^3\ \Phi_{60}^3\ \Phi_{44}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
53912	1011	1360	$\frac{9}{340}$	$\frac{1}{10}$	$\frac{349}{1360}$	$\frac{331}{680}$	$\Phi_{1360}\ \Phi_{340}\ \Phi_{272}\ \Phi_{170}\ \Phi_{85}\ \Phi_{80}\ \Phi_{68}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{16}\ \Phi_4\ \Phi_1$
53913	1011	1160	$\frac{4}{145}$	$\frac{149}{1160}$	$\frac{1}{5}$	$\frac{141}{290}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{232}\ \Phi_{145}\ \Phi_{116}\ \Phi_{40}\ \Phi_{29}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
53914	1011	1960	$\frac{31}{980}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{949}{1960}$	$\Phi_{1960}\ \Phi_{392}\ \Phi_{280}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_8\ \Phi_7\ \Phi_1$
53915	1011	1300	$\frac{12}{325}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{313}{650}$	$\Phi_{1300}\ \Phi_{325}\ \Phi_{260}\ \Phi_{100}\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{25}\ \Phi_{20}\ \Phi_{13}\ \Phi_5\ \Phi_4\ \Phi_1$
53916	1011	364	$\frac{1}{26}$	$\frac{27}{364}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{364}^3\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{52}^2\ \Phi_{28}^3\ \Phi_{26}\ \Phi_{14}^3\ \Phi_{13}\ \Phi_7^3\ \Phi_4\ \Phi_1$
53917	1011	640	$\frac{17}{320}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{303}{640}$	$\Phi_{640}^3\ \Phi_{128}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
53918	1011	624	$\frac{1}{26}$	$\frac{25}{312}$	$\frac{1}{4}$	$\frac{287}{624}$	$\Phi_{624}^3\ \Phi_{208}^3\ \Phi_{52}^2\ \Phi_{48}^3\ \Phi_{26}\ \Phi_{16}^3\ \Phi_{13}\ \Phi_4\ \Phi_1$
53919	1011	500	$\frac{11}{500}$	$\frac{1}{10}$	$\frac{163}{500}$	$\frac{9}{20}$	$\Phi_{500}^2\ \Phi_{250}^2\ \Phi_{125}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
53920	1011	1040	$\frac{29}{1040}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{16}\ \Phi_{13}\ \Phi_4\ \Phi_1$
53921	1011	400	$\frac{11}{200}$	$\frac{1}{10}$	$\frac{63}{400}$	$\frac{9}{20}$	$\Phi_{400}^3\ \Phi_{200}^2\ \Phi_{100}^2\ \Phi_{80}^3\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
53922	1011	1100	$\frac{89}{1100}$	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{9}{20}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_4\ \Phi_1$
53923	1011	350	$\frac{13}{350}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{350}^3\ \Phi_{175}^3\ \Phi_{70}^2\ \Phi_{50}^3\ \Phi_{35}^3\ \Phi_{25}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
53924	1011	360	$\frac{23}{360}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_6^3\ \Phi_5^2\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
53925	1011	580	$\frac{4}{145}$	$\frac{47}{290}$	$\frac{1}{5}$	$\frac{243}{580}$	$\Phi_{580}^3\ \Phi_{145}\ \Phi_{116}^3\ \Phi_{29}\ \Phi_{20}^3\ \Phi_4^3\ \Phi_1$
53926	1011	1700	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{161}{850}$	$\frac{689}{1700}$	$\Phi_{1700}\ \Phi_{340}\ \Phi_{170}\ \Phi_{100}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_4\ \Phi_1$
53927	1011	435	$\frac{4}{145}$	$\frac{1}{5}$	$\frac{98}{435}$	$\frac{47}{145}$	$\Phi_{435}^3\ \Phi_{145}\ \Phi_{87}^3\ \Phi_{29}\ \Phi_{15}^3\ \Phi_3^3\ \Phi_1$
53928	1011	780	$\frac{1}{26}$	$\frac{53}{390}$	$\frac{1}{4}$	$\frac{25}{78}$	$\Phi_{780}^2\ \Phi_{390}\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{130}\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{30}\ \Phi_{26}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
53929	1011	490	$\frac{31}{490}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{153}{490}$	$\Phi_{490}^2\ \Phi_{245}^2\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{49}^2\ \Phi_{35}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
53930	1011	440	$\frac{7}{110}$	$\frac{1}{10}$	$\frac{103}{440}$	$\frac{3}{10}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
53931	1011	360	$\frac{23}{360}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
53932	1011	480	$\frac{1}{10}$	$\frac{17}{160}$	$\frac{3}{20}$	$\frac{143}{480}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
53933	1011	468	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{1}{4}$	$\frac{131}{468}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{117}^3\ \Phi_{52}^2\ \Phi_{36}^3\ \Phi_{26}\ \Phi_{18}^3\ \Phi_{13}\ \Phi_9^3\ \Phi_4\ \Phi_1$
53934	1011	416	$\frac{1}{26}$	$\frac{79}{416}$	$\frac{25}{104}$	$\frac{1}{4}$	$\Phi_{416}^3\ \Phi_{208}^3\ \Phi_{52}^2\ \Phi_{32}^3\ \Phi_{26}\ \Phi_{16}^3\ \Phi_{13}\ \Phi_4\ \Phi_1$
53935	1011	780	$\frac{1}{13}$	$\frac{53}{390}$	$\frac{12}{65}$	$\frac{1}{4}$	$\Phi_{780}^2\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
53936	1011	1120	$\frac{109}{1120}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{140}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_7\ \Phi_1$
53937	1011	400	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{63}{400}$	$\frac{17}{80}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
53938	1011	1225	$\frac{4}{35}$	$\frac{31}{245}$	$\frac{214}{1225}$	$\frac{1}{5}$	$\Phi_{1225}\ \Phi_{175}\ \Phi_{35}\ \Phi_{25}\ \Phi_7\ \Phi_1$
53939	1012	504	$\frac{1}{252}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{251}{504}$	$\Phi_{504}^4\ \Phi_{168}^4\ \Phi_{72}^4\ \Phi_{56}^4\ \Phi_{24}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
53940	1012	1014	$\frac{1}{169}$	$\frac{85}{338}$	$\frac{1}{3}$	$\frac{84}{169}$	$\Phi_{1014}^2\ \Phi_{507}\ \Phi_{78}^2\ \Phi_{39}\ \Phi_6^2$
53941	1012	1820	$\frac{1}{91}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{45}{91}$	$\Phi_{1820}\ \Phi_{364}\ \Phi_{260}\ \Phi_{140}\ \Phi_{91}\ \Phi_{52}\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
53942	1012	1365	$\frac{1}{91}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{45}{91}$	$\Phi_{1365}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}\ \Phi_{39}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
53943	1012	315	$\frac{1}{45}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{22}{45}$	$\Phi_{315}^3\ \Phi_{105}^3\ \Phi_{63}^3\ \Phi_{45}^4\ \Phi_{35}^3\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
53944	1012	180	$\frac{1}{45}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^6\ \Phi_{45}^4\ \Phi_{36}^6\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{18}^6\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_{10}^6\ \Phi_9^4\ \Phi_6^8\ \Phi_5^4\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
53945	1012	630	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{22}{45}$	$\Phi_{630}^2\ \Phi_{315}\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^4\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
53946	1012	1011	$\frac{23}{1011}$	$\frac{47}{1011}$	$\frac{482}{1011}$	$\frac{494}{1011}$	$\Phi_{1011}\ \Phi_{337}\ \Phi_3\ \Phi_1^2$
53947	1012	1892	$\frac{1}{43}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{21}{43}$	$\Phi_{1892}\ \Phi_{172}\ \Phi_{44}^2\ \Phi_{43}\ \Phi_4^2\ \Phi_1^2$
53948	1012	1419	$\frac{1}{43}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{21}{43}$	$\Phi_{1419}\ \Phi_{129}\ \Phi_{43}\ \Phi_{33}^2\ \Phi_3^2\ \Phi_1^2$
53949	1012	1482	$\frac{6}{247}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{241}{494}$	$\Phi_{1482}^2\ \Phi_{114}^2\ \Phi_{78}^2\ \Phi_{39}\ \Phi_6^2$
53950	1012	273	$\frac{1}{39}$	$\frac{20}{273}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{273}^4\ \Phi_{91}^4\ \Phi_{39}^2\ \Phi_{21}^4\ \Phi_{13}^2\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
53951	1012	372	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{372}^3\ \Phi_{186}^3\ \Phi_{124}^3\ \Phi_{93}^3\ \Phi_{62}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2$
53952	1012	975	$\frac{37}{975}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{469}{975}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{195}\ \Phi_{75}\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{25}\ \Phi_{15}\ \Phi_{13}^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
53953	1012	1011	$\frac{41}{1011}$	$\frac{68}{1011}$	$\frac{263}{1011}$	$\frac{485}{1011}$	$\Phi_{1011}\ \Phi_{337}\ \Phi_3\ \Phi_1^2$
53954	1012	507	$\frac{7}{169}$	$\frac{8}{169}$	$\frac{1}{3}$	$\frac{81}{169}$	$\Phi_{507}^3\ \Phi_{39}^3\ \Phi_3^2$
53955	1012	3036	$\frac{1}{23}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{3036}\ \Phi_{276}\ \Phi_{69}$
53956	1012	1892	$\frac{1}{22}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{21}{44}$	$\Phi_{1892}\ \Phi_{172}\ \Phi_{44}^2\ \Phi_{43}\ \Phi_4^2\ \Phi_1^2$
53957	1012	660	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{60}^3\ \Phi_{55}^2\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_5^2$
53958	1012	168	$\frac{1}{24}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{168}^6\ \Phi_{84}^6\ \Phi_{56}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{24}^8\ \Phi_{21}^4\ \Phi_{14}^6\ \Phi_{12}^8\ \Phi_8^8\ \Phi_7^4\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
53959	1012	210	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{10}{21}$	$\Phi_{210}^{6}\ \Phi_{105}^{3}\ \Phi_{70}^{6}\ \Phi_{42}^{6}\ \Phi_{35}^{3}\ \Phi_{30}^{8}\ \Phi_{21}^{4}\ \Phi_{15}^{4}\ \Phi_{14}^{6}\ \Phi_{10}^{8}\ \Phi_{7}^{4}\ \Phi_{6}^{8}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
53960	1012	525	$\frac{1}{21}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{525}^{2}\ \Phi_{175}^{2}\ \Phi_{105}\ \Phi_{75}^{2}\ \Phi_{35}\ \Phi_{25}^{4}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
53961	1012	189	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{10}{21}$	$\Phi_{189}^{6}\ \Phi_{63}^{3}\ \Phi_{27}^{8}\ \Phi_{21}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
53962	1012	120	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{120}^{9}\ \Phi_{60}^{9}\ \Phi_{40}^{9}\ \Phi_{30}^{9}\ \Phi_{24}^{8}\ \Phi_{20}^{9}\ \Phi_{15}^{6}\ \Phi_{12}^{8}\ \Phi_{10}^{9}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
53963	1012	780	$\frac{7}{260}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{195}^{2}\ \Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{60}^{2}\ \Phi_{39}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
53964	1012	468	$\frac{1}{39}$	$\frac{19}{234}$	$\frac{1}{3}$	$\frac{215}{468}$	$\Phi_{468}^{4}\ \Phi_{156}^{4}\ \Phi_{52}^{4}\ \Phi_{39}^{2}\ \Phi_{36}^{4}\ \Phi_{13}^{2}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
53965	1012	1011	$\frac{32}{1011}$	$\frac{89}{1011}$	$\frac{275}{1011}$	$\frac{461}{1011}$	$\Phi_{1011}\ \Phi_{337}\ \Phi_{3}\ \Phi_{1}^{2}$
53966	1012	507	$\frac{4}{169}$	$\frac{15}{169}$	$\frac{1}{3}$	$\frac{77}{169}$	$\Phi_{507}^{3}\ \Phi_{39}^{3}\ \Phi_{3}^{2}$
53967	1012	630	$\frac{1}{45}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{630}^{3}\ \Phi_{210}^{3}\ \Phi_{126}^{3}\ \Phi_{90}^{3}\ \Phi_{70}^{3}\ \Phi_{45}^{2}\ \Phi_{42}^{2}\ \Phi_{30}^{3}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
53968	1012	2820	$\frac{1}{47}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{2820}\ \Phi_{564}\ \Phi_{141}$
53969	1012	1820	$\frac{3}{91}$	$\frac{1}{10}$	$\frac{22}{91}$	$\frac{9}{20}$	$\Phi_{1820}\ \Phi_{364}\ \Phi_{260}\ \Phi_{140}\ \Phi_{91}\ \Phi_{52}\ \Phi_{28}\ \Phi_{20}^{2}\ \Phi_{13}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
53970	1012	120	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{120}^{9}\ \Phi_{60}^{9}\ \Phi_{40}^{9}\ \Phi_{30}^{9}\ \Phi_{24}^{8}\ \Phi_{20}^{5}\ \Phi_{15}^{9}\ \Phi_{12}^{8}\ \Phi_{10}^{9}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{4}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
53971	1012	980	$\frac{3}{49}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{980}^{2}\ \Phi_{196}^{2}\ \Phi_{140}\ \Phi_{49}^{2}\ \Phi_{28}\ \Phi_{20}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
53972	1012	260	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{3}{26}$	$\frac{9}{20}$	$\Phi_{260}^{7}\ \Phi_{52}^{7}\ \Phi_{26}^{4}\ \Phi_{20}^{8}\ \Phi_{13}^{3}\ \Phi_{4}^{8}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
53973	1012	216	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{216}^{6}\ \Phi_{108}^{6}\ \Phi_{72}^{3}\ \Phi_{54}^{6}\ \Phi_{36}^{3}\ \Phi_{27}^{4}\ \Phi_{24}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
53974	1012	1440	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
53975	1012	360	$\frac{1}{45}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{360}^{5}\ \Phi_{180}\ \Phi_{120}^{5}\ \Phi_{90}\ \Phi_{72}^{5}\ \Phi_{60}\ \Phi_{40}^{4}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}^{5}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}^{4}\ \Phi_{6}$
53976	1012	600	$\frac{1}{24}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{600}^{2}\ \Phi_{300}^{2}\ \Phi_{200}^{2}\ \Phi_{150}^{2}\ \Phi_{120}\ \Phi_{100}^{2}\ \Phi_{75}^{2}\ \Phi_{60}\ \Phi_{50}^{2}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
53977	1012	558	$\frac{1}{93}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{558}^{3}\ \Phi_{186}^{3}\ \Phi_{93}^{2}\ \Phi_{62}^{3}\ \Phi_{31}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
53978	1012	72	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{72}^{15}\ \Phi_{36}^{15}\ \Phi_{24}^{14}\ \Phi_{18}^{11}\ \Phi_{12}^{14}\ \Phi_{9}^{14}\ \Phi_{8}^{14}\ \Phi_{6}^{10}\ \Phi_{4}^{14}\ \Phi_{3}^{13}\ \Phi_{2}^{10}\ \Phi_{1}^{14}$
53979	1012	1488	$\frac{1}{93}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1488}\ \Phi_{496}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{62}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
53980	1012	180	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{180}^{9}\ \Phi_{90}^{3}\ \Phi_{60}^{9}\ \Phi_{45}^{2}\ \Phi_{36}^{8}\ \Phi_{30}^{3}\ \Phi_{20}^{9}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{8}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{8}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
53981	1012	255	$\frac{2}{255}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{255}^{4}\ \Phi_{85}^{4}\ \Phi_{51}^{4}\ \Phi_{17}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
53982	1012	378	$\frac{1}{126}$	$\frac{125}{378}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{378}^{4}\ \Phi_{189}^{4}\ \Phi_{54}^{4}\ \Phi_{27}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
53983	1012	768	$\frac{3}{256}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}^{2}\ \Phi_{192}\ \Phi_{128}^{2}\ \Phi_{96}\ \Phi_{64}^{2}\ \Phi_{48}\ \Phi_{32}^{2}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
53984	1012	336	$\frac{1}{84}$	$\frac{83}{336}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{112}^{4}\ \Phi_{56}^{4}\ \Phi_{48}^{4}\ \Phi_{24}^{4}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
53985	1012	513	$\frac{7}{513}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{513}^{2}\ \Phi_{171}^{2}\ \Phi_{57}^{2}\ \Phi_{27}^{2}\ \Phi_{19}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
53986	1012	315	$\frac{1}{63}$	$\frac{62}{315}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{315}^{4}\ \Phi_{105}^{4}\ \Phi_{45}^{4}\ \Phi_{35}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
53987	1012	258	$\frac{5}{258}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{258}^{4}\ \Phi_{129}^{4}\ \Phi_{86}^{4}\ \Phi_{43}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
53988	1012	777	$\frac{6}{259}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{777}\ \Phi_{259}^{2}\ \Phi_{111}\ \Phi_{37}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
53989	1012	294	$\frac{1}{42}$	$\frac{41}{294}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{294}^{4}\ \Phi_{147}^{4}\ \Phi_{98}^{4}\ \Phi_{49}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
53990	1012	288	$\frac{1}{36}$	$\frac{35}{288}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{288}^{4}\ \Phi_{144}^{4}\ \Phi_{96}^{4}\ \Phi_{72}^{4}\ \Phi_{48}^{4}\ \Phi_{32}^{4}\ \Phi_{24}^{4}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
53991	1012	261	$\frac{8}{261}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{261}^{4}\ \Phi_{87}^{4}\ \Phi_{29}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
53992	1012	567	$\frac{2}{63}$	$\frac{61}{567}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{567}^{2}\ \Phi_{189}^{2}\ \Phi_{81}^{2}\ \Phi_{27}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
53993	1012	840	$\frac{1}{28}$	$\frac{27}{280}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
53994	1012	525	$\frac{19}{525}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
53995	1012	126	$\frac{5}{126}$	$\frac{11}{126}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{126}^8\ \Phi_{63}^8\ \Phi_{42}^8\ \Phi_{21}^8\ \Phi_{18}^8\ \Phi_{14}^8\ \Phi_9^8\ \Phi_7^8\ \Phi_6^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^{10}$
53996	1012	24	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{24}^{44}\ \Phi_{12}^{40}\ \Phi_8^{44}\ \Phi_6^{40}\ \Phi_4^{40}\ \Phi_3^{41}\ \Phi_2^{40}\ \Phi_1^{42}$
53997	1012	273	$\frac{1}{21}$	$\frac{20}{273}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{273}^4\ \Phi_{91}^4\ \Phi_{39}^4\ \Phi_{13}^4\ \Phi_3\ \Phi_1^2$
53998	1012	798	$\frac{13}{266}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_3\ \Phi_1^2$
53999	1012	270	$\frac{1}{18}$	$\frac{17}{270}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
54000	1012	585	$\frac{1}{39}$	$\frac{79}{585}$	$\frac{38}{117}$	$\frac{1}{3}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{65}^2\ \Phi_{45}^2\ \Phi_{39}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
54001	1012	540	$\frac{2}{45}$	$\frac{1}{12}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{135}^2\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
54002	1012	741	$\frac{12}{247}$	$\frac{1}{13}$	$\frac{235}{741}$	$\frac{1}{3}$	$\Phi_{741}\ \Phi_{247}^2\ \Phi_{57}\ \Phi_{39}^2\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
54003	1012	759	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{759}\ \Phi_{253}^2\ \Phi_{69}^2\ \Phi_{23}^2$
54004	1012	504	$\frac{1}{24}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{126}^3\ \Phi_{72}^3\ \Phi_{63}^2\ \Phi_{36}^3\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
54005	1012	351	$\frac{1}{39}$	$\frac{19}{117}$	$\frac{98}{351}$	$\frac{1}{3}$	$\Phi_{351}^4\ \Phi_{39}^2\ \Phi_{27}^4\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
54006	1012	705	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{705}\ \Phi_{235}^2\ \Phi_{141}^2\ \Phi_{47}^2$
54007	1012	312	$\frac{1}{39}$	$\frac{59}{312}$	$\frac{19}{78}$	$\frac{1}{3}$	$\Phi_{312}^4\ \Phi_{156}^4\ \Phi_{104}^4\ \Phi_{52}^4\ \Phi_{39}^2\ \Phi_{24}^4\ \Phi_{13}^2\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
54008	1012	60	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{60}^{18}\ \Phi_{30}^{14}\ \Phi_{20}^{18}\ \Phi_{15}^{16}\ \Phi_{12}^{20}\ \Phi_{10}^{14}\ \Phi_6^{16}\ \Phi_5^{16}\ \Phi_4^{20}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
54009	1012	396	$\frac{7}{99}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^3\ \Phi_{99}^2\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
54010	1012	168	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{168}^6\ \Phi_{84}^6\ \Phi_{56}^6\ \Phi_{42}^4\ \Phi_{28}^6\ \Phi_{24}^8\ \Phi_{21}^5\ \Phi_{14}^6\ \Phi_{12}^8\ \Phi_8^8\ \Phi_7^6\ \Phi_6^6\ \Phi_4^8\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
54011	1012	300	$\frac{2}{25}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^4\ \Phi_{30}^2\ \Phi_{25}^4\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
54012	1012	585	$\frac{2}{39}$	$\frac{79}{585}$	$\frac{37}{195}$	$\frac{1}{3}$	$\Phi_{585}^2\ \Phi_{195}\ \Phi_{117}^2\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{39}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
54013	1012	78	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{2}{13}$	$\frac{1}{3}$	$\Phi_{78}^{22}\ \Phi_{39}^{17}\ \Phi_6^{22}\ \Phi_3^{16}$
54014	1012	108	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{108}^{12}\ \Phi_{54}^{12}\ \Phi_{36}^6\ \Phi_{27}^8\ \Phi_{18}^6\ \Phi_{12}^8\ \Phi_9^4\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
54015	1012	420	$\frac{1}{12}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{70}^3\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
54016	1012	1419	$\frac{3}{43}$	$\frac{1}{11}$	$\frac{10}{43}$	$\frac{10}{33}$	$\Phi_{1419}\ \Phi_{129}\ \Phi_{43}\ \Phi_{33}^2\ \Phi_3^2\ \Phi_1^2$
54017	1012	660	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{60}^3\ \Phi_{55}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
54018	1012	1365	$\frac{3}{91}$	$\frac{1}{5}$	$\frac{22}{91}$	$\frac{4}{15}$	$\Phi_{1365}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}\ \Phi_{39}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
54019	1012	120	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{120}^9\ \Phi_{60}^9\ \Phi_{40}^9\ \Phi_{30}^9\ \Phi_{24}^8\ \Phi_{20}^9\ \Phi_{15}^5\ \Phi_{12}^8\ \Phi_{10}^9\ \Phi_8^8\ \Phi_6^8\ \Phi_5^8\ \Phi_4^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
54020	1012	735	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{735}^2\ \Phi_{147}^2\ \Phi_{105}\ \Phi_{49}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
54021	1012	390	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{390}^4\ \Phi_{195}^3\ \Phi_{78}^4\ \Phi_{39}^3\ \Phi_{30}^4\ \Phi_{26}^4\ \Phi_{15}^4\ \Phi_{13}^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
54022	1012	372	$\frac{1}{12}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{372}^3\ \Phi_{186}^3\ \Phi_{124}^3\ \Phi_{93}^3\ \Phi_{62}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2$
54023	1012	337	$\frac{9}{337}$	$\frac{82}{337}$	$\frac{84}{337}$	$\frac{85}{337}$	$\Phi_{337}^3\ \Phi_1^4$
54024	1012	280	$\frac{3}{35}$	$\frac{27}{280}$	$\frac{8}{35}$	$\frac{1}{4}$	$\Phi_{280}^4\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{35}^4\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_8^4\ \Phi_7^4\ \Phi_5^4\ \Phi_4^2\ \Phi_2^2\ \Phi_1^4$
54025	1012	210	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{7}{30}$	$\Phi_{210}^4\ \Phi_{105}^5\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^5\ \Phi_{30}^6\ \Phi_{21}^5\ \Phi_{15}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7^6\ \Phi_6^6\ \Phi_5^6\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
54026	1012	350	$\frac{2}{25}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{350}^4\ \Phi_{175}^2\ \Phi_{70}^2\ \Phi_{50}^4\ \Phi_{35}\ \Phi_{25}^4\ \Phi_{14}^4\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
54027	1012	378	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{27}$	$\frac{3}{14}$	$\Phi_{378}^4\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{63}\ \Phi_{54}^4\ \Phi_{42}^2\ \Phi_{27}^4\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^4\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
54028	1013	2016	$\frac{5}{1008}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1003}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{32}\ \Phi_8\ \Phi_1$
54029	1013	1840	$\frac{1}{92}$	$\frac{93}{920}$	$\frac{827}{1840}$	$\frac{91}{184}$	$\Phi_{1840}\ \Phi_{368}\ \Phi_{184}\ \Phi_{80}\ \Phi_{16}\ \Phi_8\ \Phi_1$
54030	1013	1936	$\frac{1}{44}$	$\frac{45}{968}$	$\frac{923}{1936}$	$\frac{43}{88}$	$\Phi_{1936}\ \Phi_{176}\ \Phi_{88}\ \Phi_{16}\ \Phi_8\ \Phi_1$
54031	1013	1980	$\frac{23}{990}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{967}{1980}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{132}\ \Phi_{60}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
54032	1013	1364	$\frac{10}{341}$	$\frac{1}{11}$	$\frac{351}{1364}$	$\frac{331}{682}$	$\Phi_{1364}\ \Phi_{341}\ \Phi_{124}\ \Phi_{44}\ \Phi_{31}\ \Phi_4\ \Phi_1$
54033	1013	1932	$\frac{1}{23}$	$\frac{47}{966}$	$\frac{22}{69}$	$\frac{919}{1932}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{276}\ \Phi_{92}\ \Phi_{84}\ \Phi_{69}\ \Phi_{28}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
54034	1013	1380	$\frac{1}{23}$	$\frac{22}{345}$	$\frac{367}{1380}$	$\frac{323}{690}$	$\Phi_{1380}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}\ \Phi_{115}\ \Phi_{92}\ \Phi_{69}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
54035	1013	1848	$\frac{1}{44}$	$\frac{89}{924}$	$\frac{43}{132}$	$\frac{835}{1848}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{56}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
54036	1013	1840	$\frac{1}{23}$	$\frac{93}{920}$	$\frac{22}{115}$	$\frac{827}{1840}$	$\Phi_{1840}\ \Phi_{368}\ \Phi_{115}\ \Phi_{80}\ \Phi_{16}\ \Phi_5\ \Phi_1$
54037	1013	1242	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{229}{1242}$	$\frac{185}{414}$	$\Phi_{1242}\ \Phi_{621}\ \Phi_{207}\ \Phi_{69}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1$
54038	1013	1408	$\frac{1}{44}$	$\frac{43}{352}$	$\frac{395}{1408}$	$\frac{309}{704}$	$\Phi_{1408}\ \Phi_{352}\ \Phi_{176}\ \Phi_{128}\ \Phi_{88}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
54039	1013	1760	$\frac{1}{44}$	$\frac{133}{880}$	$\frac{43}{176}$	$\frac{747}{1760}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}\ \Phi_{88}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
54040	1013	1150	$\frac{1}{23}$	$\frac{137}{1150}$	$\frac{22}{115}$	$\frac{93}{230}$	$\Phi_{1150}\ \Phi_{575}\ \Phi_{115}\ \Phi_{50}\ \Phi_{25}\ \Phi_5\ \Phi_1$
54041	1013	1656	$\frac{1}{92}$	$\frac{185}{828}$	$\frac{91}{276}$	$\frac{643}{1656}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{72}\ \Phi_{69}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
54042	1013	1656	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{185}{828}$	$\frac{643}{1656}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{207}\ \Phi_{184}\ \Phi_{72}\ \Phi_{69}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
54043	1013	1472	$\frac{1}{92}$	$\frac{91}{368}$	$\frac{459}{1472}$	$\frac{277}{736}$	$\Phi_{1472}\ \Phi_{368}\ \Phi_{184}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
54044	1013	1512	$\frac{5}{504}$	$\frac{1}{4}$	$\frac{499}{1512}$	$\frac{3}{8}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_8\ \Phi_1$
54045	1013	1024	$\frac{11}{1024}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_1$
54046	1013	1344	$\frac{5}{336}$	$\frac{331}{1344}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_1$
54047	1013	1032	$\frac{19}{1032}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1032}\ \Phi_{516}\ \Phi_{344}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}\ \Phi_{43}\ \Phi_8\ \Phi_1$
54048	1013	1176	$\frac{5}{168}$	$\frac{163}{1176}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_8\ \Phi_1$
54049	1013	1152	$\frac{5}{144}$	$\frac{139}{1152}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_1$
54050	1013	1056	$\frac{43}{1056}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
54051	1013	1120	$\frac{5}{112}$	$\frac{107}{1120}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
54052	1013	1064	$\frac{51}{1064}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{152}\ \Phi_{133}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_8\ \Phi_1$
54053	1013	1080	$\frac{67}{1080}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
54054	1013	1584	$\frac{1}{44}$	$\frac{43}{264}$	$\frac{221}{792}$	$\frac{571}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
54055	1013	1056	$\frac{43}{1056}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
54056	1013	1104	$\frac{1}{23}$	$\frac{91}{1104}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{276}\ \Phi_{184}\ \Phi_{92}\ \Phi_{69}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
54057	1013	1449	$\frac{1}{23}$	$\frac{47}{483}$	$\frac{436}{1449}$	$\frac{22}{69}$	$\Phi_{1449}\ \Phi_{207}\ \Phi_{69}\ \Phi_{63}\ \Phi_9\ \Phi_3\ \Phi_1$
54058	1013	1485	$\frac{23}{495}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{472}{1485}$	$\Phi_{1485}\ \Phi_{297}\ \Phi_{135}\ \Phi_{33}\ \Phi_{27}\ \Phi_3\ \Phi_1$
54059	1013	1320	$\frac{23}{330}$	$\frac{1}{11}$	$\frac{307}{1320}$	$\frac{10}{33}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{264}\ \Phi_{220}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{60}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
54060	1013	1089	$\frac{76}{1089}$	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{1089}\ \Phi_{363}\ \Phi_{121}\ \Phi_{33}\ \Phi_3\ \Phi_1$
54061	1013	1188	$\frac{1}{11}$	$\frac{23}{198}$	$\frac{175}{1188}$	$\frac{10}{33}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{132}\ \Phi_{108}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
54062	1013	1155	$\frac{1}{11}$	$\frac{142}{1155}$	$\frac{23}{165}$	$\frac{10}{33}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{105}\ \Phi_{77}\ \Phi_{35}\ \Phi_{33}\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1$
54063	1013	1380	$\frac{1}{23}$	$\frac{22}{115}$	$\frac{93}{460}$	$\frac{367}{1380}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{115}\ \Phi_{69}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
54064	1014	1680	$\frac{1}{168}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{167}{336}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}^2\ \Phi_{240}\ \Phi_{112}^2\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
54065	1014	336	$\frac{1}{168}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{167}{336}$	$\Phi_{336}^6\ \Phi_{112}^6\ \Phi_{48}^6\ \Phi_{16}^6\ \Phi_{12}\ \Phi_6$
54066	1014	452	$\frac{1}{113}$	$\frac{1}{4}$	$\frac{57}{226}$	$\frac{56}{113}$	$\Phi_{452}^3\ \Phi_{226}\ \Phi_{113}^2\ \Phi_4^2\ \Phi_1^2$
54067	1014	1848	$\frac{1}{77}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{38}{77}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{168}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{24}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
54068	1014	1155	$\frac{1}{77}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{38}{77}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
54069	1014	1386	$\frac{1}{77}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{38}{77}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
54070	1014	1232	$\frac{1}{77}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{38}{77}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{176}\ \Phi_{112}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
54071	1014	2310	$\frac{4}{165}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{161}{330}$	$\Phi_{2310}\ \Phi_{770}\ \Phi_{462}\ \Phi_{210}\ \Phi_{154}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{14}$
54072	1014	1900	$\frac{1}{38}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{37}{76}$	$\Phi_{1900}\ \Phi_{380}\ \Phi_{100}\ \Phi_{76}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
54073	1014	1596	$\frac{1}{38}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{1596}^2\ \Phi_{228}\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
54074	1014	1140	$\frac{1}{38}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{37}{76}$	$\Phi_{1140}^2\ \Phi_{380}\ \Phi_{228}^2\ \Phi_{76}^2\ \Phi_{60}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
54075	1014	1428	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{35}{204}$	$\frac{33}{68}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{119}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
54076	1014	475	$\frac{1}{25}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{12}{25}$	$\Phi_{475}^2\ \Phi_{95}^2\ \Phi_{25}^3\ \Phi_{19}^4\ \Phi_5^3\ \Phi_1^6$
54077	1014	700	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{700}^2\ \Phi_{350}\ \Phi_{175}\ \Phi_{140}^2\ \Phi_{100}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^4\ \Phi_{25}\ \Phi_{20}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
54078	1014	1013	$\frac{41}{1013}$	$\frac{53}{1013}$	$\frac{324}{1013}$	$\frac{480}{1013}$	$\Phi_{1013}\ \Phi_1^2$
54079	1014	2240	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{151}{320}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
54080	1014	1106	$\frac{5}{79}$	$\frac{1}{14}$	$\frac{14}{79}$	$\frac{37}{79}$	$\Phi_{1106}\ \Phi_{553}\ \Phi_{158}$
54081	1014	1013	$\frac{64}{1013}$	$\frac{73}{1013}$	$\frac{181}{1013}$	$\frac{470}{1013}$	$\Phi_{1013}\ \Phi_1^2$
54082	1014	1356	$\frac{14}{339}$	$\frac{25}{339}$	$\frac{1}{4}$	$\frac{157}{339}$	$\Phi_{1356}\ \Phi_{678}\ \Phi_{452}\ \Phi_{226}\ \Phi_{12}\ \Phi_6$
54083	1014	120	$\frac{1}{40}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{120}^9\ \Phi_{60}^9\ \Phi_{40}^8\ \Phi_{30}^9\ \Phi_{24}^7\ \Phi_{20}^8\ \Phi_{15}^9\ \Phi_{12}^9\ \Phi_{10}^8\ \Phi_8^6\ \Phi_6^9\ \Phi_5^8\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
54084	1014	1848	$\frac{2}{77}$	$\frac{1}{12}$	$\frac{25}{77}$	$\frac{11}{24}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{168}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{24}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
54085	1014	216	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{216}^9\ \Phi_{108}\ \Phi_{72}^9\ \Phi_{54}\ \Phi_{36}\ \Phi_{24}^6\ \Phi_{18}\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
54086	1014	1848	$\frac{5}{77}$	$\frac{1}{12}$	$\frac{12}{77}$	$\frac{11}{24}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{168}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{24}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
54087	1014	168	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{168}^{11}\ \Phi_{56}^{11}\ \Phi_{24}^{12}\ \Phi_{14}^6\ \Phi_8^{12}\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
54088	1014	264	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{11}{24}$	$\Phi_{264}^7\ \Phi_{88}^7\ \Phi_{44}^2\ \Phi_{24}^8\ \Phi_{22}^2\ \Phi_{11}\ \Phi_8^8\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
54089	1014	1260	$\frac{11}{180}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
54090	1014	2142	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{1}{7}$	$\frac{137}{306}$	$\Phi_{2142}\ \Phi_{714}\ \Phi_{238}\ \Phi_{126}\ \Phi_{119}\ \Phi_{42}\ \Phi_{14}$
54091	1014	360	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
54092	1014	1890	$\frac{1}{27}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{1890}\ \Phi_{630}\ \Phi_{378}\ \Phi_{270}\ \Phi_{210}\ \Phi_{135}\ \Phi_{126}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{42}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
54093	1014	432	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{432}^2\ \Phi_{216}^3\ \Phi_{144}^2\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{48}^2\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
54094	1014	855	$\frac{2}{171}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{171}^2\ \Phi_{95}\ \Phi_{57}^2\ \Phi_{45}\ \Phi_{19}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
54095	1014	1260	$\frac{1}{84}$	$\frac{1}{5}$	$\frac{83}{252}$	$\frac{2}{5}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{180}\ \Phi_{126}^2\ \Phi_{90}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
54096	1014	860	$\frac{3}{172}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{860}\ \Phi_{430}\ \Phi_{215}\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_5\ \Phi_1^2$
54097	1014	1120	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{55}{224}$	$\frac{2}{5}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{224}^2\ \Phi_{160}\ \Phi_{112}^2\ \Phi_{80}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
54098	1014	210	$\frac{1}{42}$	$\frac{41}{210}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{210}^5\ \Phi_{105}^5\ \Phi_{70}^5\ \Phi_{42}^4\ \Phi_{35}^5\ \Phi_{30}^5\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_7^4\ \Phi_6^4\ \Phi_5^6\ \Phi_3^4\ \Phi_2^4\ \Phi_1^6$
54099	1014	870	$\frac{5}{174}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}\ \Phi_{174}^2\ \Phi_{145}\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_5\ \Phi_1^2$
54100	1014	175	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{175}^6\ \Phi_{35}^5\ \Phi_{25}^6\ \Phi_7^4\ \Phi_5^6\ \Phi_1^6$
54101	1014	980	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_5\ \Phi_1^2$
54102	1014	880	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}^2\ \Phi_{110}\ \Phi_{88}^2\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
54103	1014	960	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}^2\ \Phi_{160}\ \Phi_{96}^2\ \Phi_{80}\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
54104	1014	945	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}^2\ \Phi_{135}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
54105	1014	180	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^5\ \Phi_{45}^6\ \Phi_{36}^6\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{18}^6\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_9^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^6$
54106	1014	70	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{70}^{12}\ \Phi_{35}^{12}\ \Phi_{14}^{24}\ \Phi_{10}^{12}\ \Phi_7^{24}\ \Phi_5^{13}\ \Phi_2^{24}\ \Phi_1^{26}$
54107	1014	1728	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
54108	1014	1904	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{33}{136}$	$\frac{103}{272}$	$\Phi_{1904}\ \Phi_{238}\ \Phi_{119}\ \Phi_{112}\ \Phi_{14}$
54109	1014	1536	$\frac{5}{512}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
54110	1014	540	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{540}^3\ \Phi_{270}\ \Phi_{180}^3\ \Phi_{135}\ \Phi_{108}^3\ \Phi_{90}\ \Phi_{60}^3\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^3\ \Phi_6$
54111	1014	1013	$\frac{51}{1013}$	$\frac{74}{1013}$	$\frac{313}{1013}$	$\frac{350}{1013}$	$\Phi_{1013}\ \Phi_1^2$
54112	1014	1106	$\frac{4}{79}$	$\frac{1}{14}$	$\frac{25}{79}$	$\frac{27}{79}$	$\Phi_{1106}\ \Phi_{553}\ \Phi_{158}$
54113	1014	762	$\frac{1}{127}$	$\frac{42}{127}$	$\frac{1}{3}$	$\frac{85}{254}$	$\Phi_{762}^3\ \Phi_{381}\ \Phi_6^3$
54114	1014	684	$\frac{2}{171}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
54115	1014	120	$\frac{1}{40}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^9\ \Phi_{60}^9\ \Phi_{40}^8\ \Phi_{30}^9\ \Phi_{24}^9\ \Phi_{20}^8\ \Phi_{15}^7\ \Phi_{12}^9\ \Phi_{10}^8\ \Phi_8^8\ \Phi_6^9\ \Phi_5^6\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
54116	1014	252	$\frac{1}{84}$	$\frac{1}{4}$	$\frac{83}{252}$	$\frac{1}{3}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{63}^6\ \Phi_{36}^6\ \Phi_{18}^6\ \Phi_{12}\ \Phi_9^6\ \Phi_6$
54117	1014	1155	$\frac{2}{77}$	$\frac{2}{15}$	$\frac{25}{77}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
54118	1014	798	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{114}^2\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_6^3$
54119	1014	1524	$\frac{27}{508}$	$\frac{37}{508}$	$\frac{157}{508}$	$\frac{1}{3}$	$\Phi_{1524}\ \Phi_{762}\ \Phi_{381}\ \Phi_{12}\ \Phi_6$
54120	1014	360	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
54121	1014	516	$\frac{3}{172}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{516}^3\ \Phi_{258}^3\ \Phi_{129}^3\ \Phi_{12}\ \Phi_6$
54122	1014	672	$\frac{1}{56}$	$\frac{55}{224}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{12}\ \Phi_6$
54123	1014	420	$\frac{1}{42}$	$\frac{41}{210}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^2\ \Phi_{140}^4\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^4\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
54124	1014	240	$\frac{1}{40}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^8\ \Phi_{120}^5\ \Phi_{60}^5\ \Phi_{48}^7\ \Phi_{30}^5\ \Phi_{24}^4\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
54125	1014	348	$\frac{5}{174}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{348}^4\ \Phi_{174}^2\ \Phi_{116}^4\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{12}\ \Phi_6$
54126	1014	2100	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}\ \Phi_6$
54127	1014	588	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{147}^3\ \Phi_{12}\ \Phi_6$
54128	1014	540	$\frac{1}{27}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{108}\ \Phi_{90}^3\ \Phi_{60}^2\ \Phi_{54}\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
54129	1014	528	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{48}^3\ \Phi_{33}^3\ \Phi_{12}\ \Phi_6$
54130	1014	192	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{192}^6\ \Phi_{96}^6\ \Phi_{64}^6\ \Phi_{48}^6\ \Phi_{32}^6\ \Phi_{16}^6\ \Phi_{12}\ \Phi_6$
54131	1014	1596	$\frac{25}{532}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{399}\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{12}\ \Phi_6$
54132	1014	756	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
54133	1014	1428	$\frac{19}{357}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{238}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{34}\ \Phi_{12}\ \Phi_{6}$
54134	1014	1680	$\frac{3}{56}$	$\frac{53}{560}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
54135	1014	180	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^{6}\ \Phi_{90}^{6}\ \Phi_{60}^{6}\ \Phi_{45}^{6}\ \Phi_{36}^{6}\ \Phi_{30}^{6}\ \Phi_{20}^{6}\ \Phi_{18}^{6}\ \Phi_{15}^{6}\ \Phi_{12}\ \Phi_{10}^{6}\ \Phi_{9}^{6}\ \Phi_{6}\ \Phi_{5}^{6}$
54136	1014	84	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^{24}\ \Phi_{42}^{12}\ \Phi_{21}^{12}\ \Phi_{12}^{25}\ \Phi_{6}^{13}\ \Phi_{3}^{12}$
54137	1014	1155	$\frac{5}{77}$	$\frac{2}{15}$	$\frac{12}{77}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
54138	1014	210	$\frac{1}{14}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{210}^{6}\ \Phi_{105}^{5}\ \Phi_{70}^{6}\ \Phi_{35}^{5}\ \Phi_{30}^{6}\ \Phi_{15}^{6}\ \Phi_{14}^{6}\ \Phi_{10}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
54139	1014	660	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{2}\ \Phi_{165}\ \Phi_{110}^{2}\ \Phi_{60}^{2}\ \Phi_{55}\ \Phi_{44}^{2}\ \Phi_{30}^{2}\ \Phi_{22}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
54140	1014	1386	$\frac{2}{77}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{25}{77}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{18}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
54141	1014	1232	$\frac{2}{77}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{25}{77}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{176}\ \Phi_{112}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
54142	1014	285	$\frac{1}{19}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{6}{19}$	$\Phi_{285}^{4}\ \Phi_{95}^{2}\ \Phi_{57}^{4}\ \Phi_{19}^{4}\ \Phi_{15}^{6}\ \Phi_{5}^{3}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
54143	1014	1428	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{35}{204}$	$\frac{16}{51}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{238}\ \Phi_{119}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}$
54144	1014	1680	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{7}$	$\frac{71}{240}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
54145	1014	108	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{108}^{13}\ \Phi_{54}^{7}\ \Phi_{36}^{11}\ \Phi_{27}^{6}\ \Phi_{18}^{6}\ \Phi_{12}^{13}\ \Phi_{9}^{5}\ \Phi_{6}^{7}\ \Phi_{4}^{12}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
54146	1014	1386	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{18}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
54147	1014	126	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{126}^{11}\ \Phi_{63}^{11}\ \Phi_{18}^{12}\ \Phi_{14}^{6}\ \Phi_{9}^{12}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
54148	1014	396	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{396}^{4}\ \Phi_{198}^{3}\ \Phi_{99}^{3}\ \Phi_{44}^{2}\ \Phi_{36}^{4}\ \Phi_{22}^{2}\ \Phi_{18}^{4}\ \Phi_{11}\ \Phi_{9}^{4}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
54149	1014	1260	$\frac{11}{180}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
54150	1014	432	$\frac{1}{27}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{432}^{3}\ \Phi_{216}^{3}\ \Phi_{144}^{3}\ \Phi_{108}\ \Phi_{72}^{3}\ \Phi_{54}\ \Phi_{48}^{3}\ \Phi_{36}\ \Phi_{24}^{3}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
54151	1014	420	$\frac{1}{14}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^{4}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{4}\ \Phi_{70}\ \Phi_{60}^{2}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{28}^{4}\ \Phi_{21}^{2}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
54152	1014	1232	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{176}\ \Phi_{112}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
54153	1014	112	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{112}^{11}\ \Phi_{56}^{11}\ \Phi_{16}^{12}\ \Phi_{14}^{6}\ \Phi_{8}^{12}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
54154	1014	176	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{176}^{7}\ \Phi_{88}^{7}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{16}^{8}\ \Phi_{11}\ \Phi_{8}^{8}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
54155	1014	1540	$\frac{4}{55}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{51}{220}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{308}\ \Phi_{154}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
54156	1014	1400	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{31}{200}$	$\frac{9}{40}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
54157	1015	808	$\frac{1}{202}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{201}{404}$	$\Phi_{808}^{2}\ \Phi_{404}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
54158	1015	1356	$\frac{2}{339}$	$\frac{341}{1356}$	$\frac{1}{3}$	$\frac{337}{678}$	$\Phi_{1356}\ \Phi_{452}\ \Phi_{339}\ \Phi_{113}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
54159	1015	288	$\frac{1}{144}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{143}{288}$	$\Phi_{288}^{7}\ \Phi_{96}^{7}\ \Phi_{32}^{7}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
54160	1015	288	$\frac{1}{144}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{143}{288}$	$\Phi_{288}^{7}\ \Phi_{96}^{7}\ \Phi_{32}^{7}\ \Phi_{9}\ \Phi_{1}$
54161	1015	402	$\frac{2}{201}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{199}{402}$	$\Phi_{402}^{2}\ \Phi_{201}^{3}\ \Phi_{134}^{2}\ \Phi_{67}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
54162	1015	1872	$\frac{1}{78}$	$\frac{79}{936}$	$\frac{857}{1872}$	$\frac{77}{156}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{52}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
54163	1015	1404	$\frac{1}{78}$	$\frac{79}{468}$	$\frac{389}{1404}$	$\frac{77}{156}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{156}\ \Phi_{108}\ \Phi_{54}\ \Phi_{52}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
54164	1015	1248	$\frac{1}{78}$	$\frac{233}{1248}$	$\frac{79}{312}$	$\frac{77}{156}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{208}\ \Phi_{156}\ \Phi_{96}\ \Phi_{52}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
54165	1015	816	$\frac{1}{68}$	$\frac{1}{6}$	$\frac{69}{272}$	$\frac{67}{136}$	$\Phi_{816}^{2}\ \Phi_{272}\ \Phi_{204}^{2}\ \Phi_{102}^{2}\ \Phi_{68}\ \Phi_{51}^{2}\ \Phi_{48}^{2}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
54166	1015	1200	$\frac{3}{200}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{197}{400}$	$\Phi_{1200}^{2}\ \Phi_{400}\ \Phi_{240}^{2}\ \Phi_{80}\ \Phi_{48}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
54167	1015	1224	$\frac{5}{204}$	$\frac{1}{6}$	$\frac{209}{1224}$	$\frac{199}{408}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{72}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
54168	1015	396	$\frac{5}{198}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{193}{396}$	$\Phi_{396}^{5}\ \Phi_{132}^{5}\ \Phi_{44}^{5}\ \Phi_{36}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
54169	1015	39	$\frac{1}{39}$	$\frac{4}{39}$	$\frac{10}{39}$	$\frac{19}{39}$	$\Phi_{39}^{26}\ \Phi_{13}^{26}\ \Phi_{3}^{26}\ \Phi_{1}^{27}$
54170	1015	1976	$\frac{27}{988}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{961}{1976}$	$\Phi_{1976}\ \Phi_{152}\ \Phi_{104}\ \Phi_{52}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
54171	1015	952	$\frac{1}{34}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{33}{68}$	$\Phi_{952}^{2}\ \Phi_{136}^{2}\ \Phi_{68}\ \Phi_{56}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
54172	1015	1428	$\frac{1}{34}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{33}{68}$	$\Phi_{1428}^{2}\ \Phi_{204}^{2}\ \Phi_{84}^{2}\ \Phi_{68}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
54173	1015	544	$\frac{1}{34}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{544}^{2}\ \Phi_{272}^{2}\ \Phi_{136}^{2}\ \Phi_{68}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
54174	1015	2380	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{33}{68}$	$\Phi_{2380}\ \Phi_{340}\ \Phi_{140}\ \Phi_{68}\ \Phi_{35}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
54175	1015	2856	$\frac{1}{28}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{27}{56}$	$\Phi_{2856}\ \Phi_{408}\ \Phi_{168}\ \Phi_{56}\ \Phi_{51}\ \Phi_{24}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
54176	1015	952	$\frac{1}{28}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{27}{56}$	$\Phi_{952}^{2}\ \Phi_{136}^{2}\ \Phi_{56}^{3}\ \Phi_{17}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
54177	1015	168	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{27}{56}$	$\Phi_{168}^{6}\ \Phi_{84}^{8}\ \Phi_{56}^{3}\ \Phi_{42}^{8}\ \Phi_{28}^{4}\ \Phi_{24}^{8}\ \Phi_{21}^{8}\ \Phi_{14}^{4}\ \Phi_{12}^{10}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{9}\ \Phi_{4}^{5}\ \Phi_{3}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
54178	1015	384	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{181}{384}$	$\Phi_{384}^{5}\ \Phi_{128}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
54179	1015	330	$\frac{1}{30}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{330}^{3}\ \Phi_{165}^{3}\ \Phi_{110}^{3}\ \Phi_{66}^{2}\ \Phi_{55}^{3}\ \Phi_{33}^{3}\ \Phi_{30}^{5}\ \Phi_{22}^{2}\ \Phi_{15}^{5}\ \Phi_{11}^{3}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
54180	1015	108	$\frac{1}{36}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{108}^{9}\ \Phi_{54}^{8}\ \Phi_{36}^{11}\ \Phi_{27}^{9}\ \Phi_{18}^{10}\ \Phi_{12}^{11}\ \Phi_{9}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{11}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
54181	1015	240	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{240}^{6}\ \Phi_{80}^{6}\ \Phi_{60}^{6}\ \Phi_{48}^{5}\ \Phi_{30}^{5}\ \Phi_{20}^{6}\ \Phi_{16}^{5}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
54182	1015	216	$\frac{13}{216}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{216}^{5}\ \Phi_{108}^{5}\ \Phi_{72}^{5}\ \Phi_{54}^{5}\ \Phi_{36}^{5}\ \Phi_{27}^{5}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
54183	1015	1872	$\frac{1}{39}$	$\frac{79}{936}$	$\frac{38}{117}$	$\frac{857}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{48}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
54184	1015	1872	$\frac{1}{26}$	$\frac{79}{936}$	$\frac{25}{104}$	$\frac{857}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{144}\ \Phi_{104}\ \Phi_{52}\ \Phi_{48}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
54185	1015	1122	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{1}{6}$	$\frac{171}{374}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{187}\ \Phi_{102}^{2}\ \Phi_{66}\ \Phi_{51}^{2}\ \Phi_{34}\ \Phi_{33}\ \Phi_{17}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
54186	1015	960	$\frac{1}{30}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{960}^{2}\ \Phi_{320}^{2}\ \Phi_{192}^{2}\ \Phi_{64}\ \Phi_{60}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
54187	1015	360	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{360}^{4}\ \Phi_{180}^{2}\ \Phi_{120}^{4}\ \Phi_{90}^{2}\ \Phi_{72}^{4}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{3}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{24}^{4}\ \Phi_{20}^{2}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
54188	1015	1836	$\frac{5}{102}$	$\frac{97}{918}$	$\frac{1}{6}$	$\frac{821}{1836}$	$\Phi_{1836}\ \Phi_{612}\ \Phi_{204}\ \Phi_{108}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
54189	1015	1404	$\frac{1}{39}$	$\frac{38}{351}$	$\frac{389}{1404}$	$\frac{313}{702}$	$\Phi_{1404}\ \Phi_{468}\ \Phi_{351}\ \Phi_{156}\ \Phi_{117}\ \Phi_{108}\ \Phi_{52}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
54190	1015	52	$\frac{1}{26}$	$\frac{3}{26}$	$\frac{5}{26}$	$\frac{23}{52}$	$\Phi_{52}^{35}\ \Phi_{26}^{4}\ \Phi_{13}^{4}\ \Phi_{4}^{35}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
54191	1015	156	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{3}{26}$	$\frac{23}{52}$	$\Phi_{156}^{13}\ \Phi_{52}^{9}\ \Phi_{39}^{3}\ \Phi_{13}^{2}\ \Phi_{12}^{13}\ \Phi_{4}^{9}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
54192	1015	1248	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{233}{1248}$	$\frac{183}{416}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
54193	1015	900	$\frac{1}{36}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}^{2}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}^{2}\ \Phi_{75}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
54194	1015	588	$\frac{2}{147}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{588}^{3}\ \Phi_{196}^{3}\ \Phi_{147}\ \Phi_{84}^{3}\ \Phi_{49}\ \Phi_{28}^{3}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
54195	1015	216	$\frac{1}{72}$	$\frac{1}{6}$	$\frac{71}{216}$	$\frac{5}{12}$	$\Phi_{216}^{7}\ \Phi_{108}^{7}\ \Phi_{54}^{7}\ \Phi_{27}^{7}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
54196	1015	1032	$\frac{17}{1032}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1032}\ \Phi_{516}\ \Phi_{344}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}\ \Phi_{43}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
54197	1015	444	$\frac{3}{148}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{444}^{2}\ \Phi_{222}^{2}\ \Phi_{148}^{3}\ \Phi_{111}^{2}\ \Phi_{74}^{3}\ \Phi_{37}^{3}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
54198	1015	192	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{47}{192}$	$\frac{5}{12}$	$\Phi_{192}^{7}\ \Phi_{96}^{7}\ \Phi_{64}^{7}\ \Phi_{32}^{7}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
54199	1015	36	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{36}^{28}\ \Phi_{18}^{28}\ \Phi_{12}^{29}\ \Phi_{9}^{28}\ \Phi_{6}^{28}\ \Phi_{4}^{29}\ \Phi_{3}^{28}\ \Phi_{2}^{28}\ \Phi_{1}^{29}$
54200	1015	60	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{60}^{30}\ \Phi_{30}^{5}\ \Phi_{20}^{30}\ \Phi_{15}^{5}\ \Phi_{12}^{25}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{25}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
54201	1015	1056	$\frac{41}{1056}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
54202	1015	168	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{168}^{7}\ \Phi_{84}^{7}\ \Phi_{56}^{7}\ \Phi_{42}^{7}\ \Phi_{28}^{7}\ \Phi_{21}^{7}\ \Phi_{14}^{7}\ \Phi_{12}\ \Phi_{7}^{7}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
54203	1015	456	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{456}^2\ \Phi_{228}^2\ \Phi_{152}^3\ \Phi_{114}^2\ \Phi_{76}^3\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
54204	1015	1152	$\frac{7}{144}$	$\frac{137}{1152}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$
54205	1015	612	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{612}^3\ \Phi_{204}^3\ \Phi_{153}\ \Phi_{68}^3\ \Phi_{51}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
54206	1015	324	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{324}^6\ \Phi_{162}\ \Phi_{108}^6\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
54207	1015	216	$\frac{13}{216}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{216}^5\ \Phi_{108}^5\ \Phi_{72}^4\ \Phi_{54}^5\ \Phi_{36}^4\ \Phi_{27}^5\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
54208	1015	96	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{96}^{10}\ \Phi_{48}^8\ \Phi_{32}^{15}\ \Phi_{24}^8\ \Phi_{16}^{12}\ \Phi_{12}^9\ \Phi_8^{12}\ \Phi_6^8\ \Phi_4^{13}\ \Phi_3^8\ \Phi_2^{12}\ \Phi_1^{13}$
54209	1015	156	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{156}^7\ \Phi_{78}^7\ \Phi_{52}^7\ \Phi_{39}^7\ \Phi_{26}^7\ \Phi_{13}^7\ \Phi_{12}\ \Phi_4\ \Phi_1$
54210	1015	1020	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{33}{170}$	$\frac{137}{340}$	$\Phi_{1020}^2\ \Phi_{340}\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}\ \Phi_{60}^2\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
54211	1015	144	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{144}^{12}\ \Phi_{48}^{11}\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_{16}^{11}\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
54212	1015	1664	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{183}{832}$	$\frac{649}{1664}$	$\Phi_{1664}\ \Phi_{208}\ \Phi_{128}\ \Phi_{104}\ \Phi_{52}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
54213	1015	1026	$\frac{11}{1026}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1026}\ \Phi_{513}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{57}\ \Phi_{54}\ \Phi_{38}\ \Phi_{27}\ \Phi_{19}\ \Phi_9\ \Phi_1$
54214	1015	1632	$\frac{5}{204}$	$\frac{1}{6}$	$\frac{199}{816}$	$\frac{617}{1632}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{204}\ \Phi_{102}\ \Phi_{96}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
54215	1015	2424	$\frac{1}{101}$	$\frac{1}{4}$	$\frac{100}{303}$	$\frac{3}{8}$	$\Phi_{2424}\ \Phi_{303}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
54216	1015	624	$\frac{5}{208}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}\ \Phi_{156}^2\ \Phi_{104}\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{48}^2\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
54217	1015	808	$\frac{3}{101}$	$\frac{14}{101}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{808}^2\ \Phi_{101}^2\ \Phi_8^3\ \Phi_1^3$
54218	1015	120	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^8\ \Phi_{60}^{10}\ \Phi_{40}^8\ \Phi_{30}^9\ \Phi_{24}^8\ \Phi_{20}^{10}\ \Phi_{15}^9\ \Phi_{12}^{10}\ \Phi_{10}^9\ \Phi_8^4\ \Phi_6^9\ \Phi_5^9\ \Phi_4^5\ \Phi_3^9\ \Phi_2^4\ \Phi_1^5$
54219	1015	270	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{270}^3\ \Phi_{135}^3\ \Phi_{90}^6\ \Phi_{54}^2\ \Phi_{45}^6\ \Phi_{30}^5\ \Phi_{27}^3\ \Phi_{18}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
54220	1015	312	$\frac{1}{26}$	$\frac{5}{52}$	$\frac{47}{156}$	$\frac{109}{312}$	$\Phi_{312}^5\ \Phi_{104}^5\ \Phi_{52}^5\ \Phi_{26}^4\ \Phi_{24}^5\ \Phi_{13}^4\ \Phi_8^5\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
54221	1015	234	$\frac{1}{39}$	$\frac{31}{234}$	$\frac{38}{117}$	$\frac{79}{234}$	$\Phi_{234}^4\ \Phi_{117}^5\ \Phi_{78}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}^4\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
54222	1015	306	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{50}{153}$	$\frac{103}{306}$	$\Phi_{306}^2\ \Phi_{153}^3\ \Phi_{102}^5\ \Phi_{51}^5\ \Phi_{34}^5\ \Phi_{18}^2\ \Phi_{17}^5\ \Phi_9^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
54223	1015	441	$\frac{2}{147}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{441}^3\ \Phi_{147}\ \Phi_{63}^3\ \Phi_{49}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$
54224	1015	216	$\frac{1}{72}$	$\frac{2}{9}$	$\frac{71}{216}$	$\frac{1}{3}$	$\Phi_{216}^7\ \Phi_{108}^7\ \Phi_{54}^7\ \Phi_{27}^7\ \Phi_9\ \Phi_1$
54225	1015	1332	$\frac{3}{148}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1332}\ \Phi_{666}\ \Phi_{333}\ \Phi_{148}\ \Phi_{74}\ \Phi_{37}\ \Phi_9\ \Phi_1$
54226	1015	576	$\frac{1}{48}$	$\frac{2}{9}$	$\frac{47}{192}$	$\frac{1}{3}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_9\ \Phi_1$
54227	1015	36	$\frac{1}{36}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{36}^{28}\ \Phi_{18}^{28}\ \Phi_{12}^{28}\ \Phi_9^{29}\ \Phi_6^{28}\ \Phi_4^{28}\ \Phi_3^{28}\ \Phi_2^{28}\ \Phi_1^{29}$
54228	1015	90	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{90}^{15}\ \Phi_{45}^{15}\ \Phi_{30}^5\ \Phi_{18}^{12}\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_9^{13}\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
54229	1015	504	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}\ \Phi_{126}^3\ \Phi_{84}\ \Phi_{63}^3\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
54230	1015	1368	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_9\ \Phi_1$
54231	1015	1152	$\frac{7}{144}$	$\frac{137}{1152}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_9\ \Phi_1$
54232	1015	153	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{153}^7\ \Phi_{51}^7\ \Phi_{17}^7\ \Phi_9\ \Phi_1$
54233	1015	162	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{162}^7\ \Phi_{81}^7\ \Phi_{54}^7\ \Phi_{27}^7\ \Phi_9\ \Phi_1$
54234	1015	216	$\frac{13}{216}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{216}^5\ \Phi_{108}^5\ \Phi_{72}^4\ \Phi_{54}^5\ \Phi_{36}^4\ \Phi_{27}^5\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
54235	1015	288	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{288}^5\ \Phi_{144}^4\ \Phi_{72}^4\ \Phi_{36}^4\ \Phi_{32}^5\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_9^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
54236	1015	468	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{156}\ \Phi_{117}^3\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_9\ \Phi_1$
54237	1015	1404	$\frac{1}{39}$	$\frac{79}{468}$	$\frac{389}{1404}$	$\frac{38}{117}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{117}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
54238	1015	300	$\frac{3}{100}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{97}{300}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{100}^4\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^4\ \Phi_{30}^3\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
54239	1015	1224	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{209}{1224}$	$\frac{97}{306}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{72}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
54240	1015	714	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{16}{51}$	$\Phi_{714}\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{102}\ \Phi_{51}^2\ \Phi_{42}^2\ \Phi_{34}^2\ \Phi_{21}^2\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
54241	1015	1632	$\frac{1}{17}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{408}\ \Phi_{96}\ \Phi_{51}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_3\ \Phi_1$
54242	1015	1785	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{16}{51}$	$\Phi_{1785}\ \Phi_{255}\ \Phi_{105}\ \Phi_{51}\ \Phi_{35}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1$
54243	1015	714	$\frac{1}{14}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{13}{42}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{17}^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
54244	1015	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{13}{42}$	$\Phi_{168}^6\ \Phi_{84}^6\ \Phi_{56}^8\ \Phi_{42}^3\ \Phi_{28}^8\ \Phi_{24}^8\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{12}^8\ \Phi_8^9\ \Phi_7^4\ \Phi_6^4\ \Phi_4^9\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
54245	1015	288	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{6}$	$\frac{85}{288}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{72}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
54246	1015	169	$\frac{15}{169}$	$\frac{22}{169}$	$\frac{24}{169}$	$\frac{49}{169}$	$\Phi_{169}^6\ \Phi_{13}^6\ \Phi_1^7$
54247	1015	216	$\frac{13}{216}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{216}^5\ \Phi_{108}^5\ \Phi_{72}^5\ \Phi_{54}^5\ \Phi_{36}^5\ \Phi_{27}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
54248	1015	240	$\frac{1}{30}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^6\ \Phi_{48}^3\ \Phi_{40}^4\ \Phi_{30}^5\ \Phi_{24}^3\ \Phi_{20}^6\ \Phi_{16}^4\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
54249	1015	39	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{3}{13}$	$\frac{10}{39}$	$\Phi_{39}^{25}\ \Phi_{13}^{28}\ \Phi_3^{25}\ \Phi_1^{29}$
54250	1015	1248	$\frac{1}{26}$	$\frac{233}{1248}$	$\frac{25}{104}$	$\frac{79}{312}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{96}\ \Phi_{52}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
54251	1015	544	$\frac{3}{32}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{544}^2\ \Phi_{272}^2\ \Phi_{136}^2\ \Phi_{32}^3\ \Phi_{17}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_1^3$
54252	1015	240	$\frac{3}{40}$	$\frac{37}{240}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{240}^5\ \Phi_{120}^3\ \Phi_{80}^5\ \Phi_{60}^3\ \Phi_{48}^5\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{16}^5\ \Phi_{15}^3\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
54253	1015	660	$\frac{17}{220}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
54254	1015	96	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{96}^{14}\ \Phi_{48}^{14}\ \Phi_{32}^7\ \Phi_{24}^8\ \Phi_{16}^7\ \Phi_{12}^{10}\ \Phi_8^4\ \Phi_6^9\ \Phi_4^5\ \Phi_3^9\ \Phi_2^4\ \Phi_1^5$
54255	1015	264	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{61}{264}$	$\Phi_{264}^5\ \Phi_{132}^5\ \Phi_{88}^5\ \Phi_{44}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
54256	1015	240	$\frac{1}{12}$	$\frac{37}{240}$	$\frac{1}{6}$	$\frac{11}{48}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{60}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
54257	1015	595	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{3}{17}$	$\Phi_{595}^2\ \Phi_{85}^2\ \Phi_{35}^3\ \Phi_{17}^2\ \Phi_5^3\ \Phi_1^3$
54258	1015	102	$\frac{2}{17}$	$\frac{5}{34}$	$\frac{1}{6}$	$\frac{3}{17}$	$\Phi_{102}^{12}\ \Phi_{51}^{12}\ \Phi_{34}^5\ \Phi_{17}^7\ \Phi_6^{11}\ \Phi_3^{11}\ \Phi_2^4\ \Phi_1^7$
54259	1015	840	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{35}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{60}^2\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
54260	1016	759	$\frac{1}{253}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{126}{253}$	$\Phi_{759}\ \Phi_{253}^2\ \Phi_{69}\ \Phi_{33}\ \Phi_{23}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
54261	1016	203	$\frac{1}{203}$	$\frac{51}{203}$	$\frac{76}{203}$	$\frac{101}{203}$	$\Phi_{203}^5\ \Phi_{29}^5\ \Phi_7^5\ \Phi_1^6$
54262	1016	1527	$\frac{3}{509}$	$\frac{128}{509}$	$\frac{1}{3}$	$\frac{253}{509}$	Φ_{1527}
54263	1016	505	$\frac{3}{505}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{251}{505}$	$\Phi_{505}^2\ \Phi_{101}^2\ \Phi_5^3\ \Phi_1^4$
54264	1016	435	$\frac{1}{145}$	$\frac{73}{435}$	$\frac{181}{435}$	$\frac{72}{145}$	$\Phi_{435}^2\ \Phi_{145}^3\ \Phi_{87}^2\ \Phi_{29}^3\ \Phi_{15}^2\ \Phi_5^3\ \Phi_3^2\ \Phi_1^4$
54265	1016	252	$\frac{1}{126}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{125}{252}$	$\Phi_{252}^8\ \Phi_{84}^8\ \Phi_{36}^8\ \Phi_{28}^8\ \Phi_{12}^8\ \Phi_7\ \Phi_4^8\ \Phi_1^2$
54266	1016	1260	$\frac{1}{126}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{125}{252}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}$
54267	1016	1005	$\frac{11}{1005}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{497}{1005}$	$\Phi_{1005}\ \Phi_{335}\ \Phi_{201}\ \Phi_{67}\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
54268	1016	170	$\frac{1}{85}$	$\frac{1}{5}$	$\frac{43}{170}$	$\frac{42}{85}$	$\Phi_{170}^8\ \Phi_{85}^4\ \Phi_{34}^8\ \Phi_{17}^4\ \Phi_{10}^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
54269	1016	250	$\frac{2}{125}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{123}{250}$	$\Phi_{250}^8\ \Phi_{50}^8\ \Phi_{10}^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
54270	1016	765	$\frac{1}{51}$	$\frac{26}{153}$	$\frac{1}{5}$	$\frac{25}{51}$	$\Phi_{765}^2\ \Phi_{255}\ \Phi_{85}\ \Phi_{45}^2\ \Phi_{15}$
54271	1016	2232	$\frac{3}{124}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{121}{248}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
54272	1016	495	$\frac{13}{495}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{241}{495}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{15}^4\ \Phi_{11}^2\ \Phi_9^2\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
54273	1016	245	$\frac{1}{35}$	$\frac{9}{245}$	$\frac{118}{245}$	$\frac{17}{35}$	$\Phi_{245}^4\ \Phi_{49}^4\ \Phi_{35}^5\ \Phi_7^5\ \Phi_5^5\ \Phi_1^6$
54274	1016	735	$\frac{1}{35}$	$\frac{18}{245}$	$\frac{227}{735}$	$\frac{17}{35}$	$\Phi_{735}^2\ \Phi_{147}^2\ \Phi_{105}^2\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
54275	1016	140	$\frac{1}{35}$	$\frac{13}{140}$	$\frac{9}{35}$	$\frac{17}{35}$	$\Phi_{140}^8\ \Phi_{70}^8\ \Phi_{35}^5\ \Phi_{28}^8\ \Phi_{20}^8\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_7^5\ \Phi_5^5\ \Phi_4^8\ \Phi_2^8\ \Phi_1^6$
54276	1016	493	$\frac{15}{493}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{239}{493}$	$\Phi_{493}^2\ \Phi_{29}^3\ \Phi_{17}^2\ \Phi_1^4$
54277	1016	145	$\frac{7}{145}$	$\frac{18}{145}$	$\frac{19}{145}$	$\frac{69}{145}$	$\Phi_{145}^7\ \Phi_{29}^7\ \Phi_5^7\ \Phi_1^8$
54278	1016	240	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{113}{240}$	$\Phi_{240}^8\ \Phi_{80}^8\ \Phi_{48}^8\ \Phi_{16}^8\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
54279	1016	720	$\frac{7}{120}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{113}{240}$	$\Phi_{720}^3\ \Phi_{240}^2\ \Phi_{144}^3\ \Phi_{80}^2\ \Phi_{72}\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
54280	1016	680	$\frac{1}{17}$	$\frac{9}{136}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{680}^2\ \Phi_{340}^2\ \Phi_{170}^2\ \Phi_{85}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
54281	1016	957	$\frac{1}{29}$	$\frac{59}{957}$	$\frac{28}{87}$	$\frac{449}{957}$	$\Phi_{957}\ \Phi_{319}\ \Phi_{87}^2\ \Phi_{33}\ \Phi_{29}\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
54282	1016	135	$\frac{8}{135}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{135}^8\ \Phi_{45}^8\ \Phi_{27}^8\ \Phi_{15}^4\ \Phi_9^8\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
54283	1016	1190	$\frac{1}{17}$	$\frac{8}{119}$	$\frac{1}{5}$	$\frac{111}{238}$	$\Phi_{1190}^2\ \Phi_{170}^2\ \Phi_{85}\ \Phi_{70}^2\ \Phi_{10}^2$
54284	1016	945	$\frac{1}{35}$	$\frac{71}{945}$	$\frac{34}{105}$	$\frac{437}{945}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}^2\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
54285	1016	174	$\frac{1}{29}$	$\frac{7}{87}$	$\frac{47}{174}$	$\frac{40}{87}$	$\Phi_{174}^8\ \Phi_{87}^4\ \Phi_{58}^8\ \Phi_{29}^3\ \Phi_6^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^4$
54286	1016	935	$\frac{4}{85}$	$\frac{81}{935}$	$\frac{1}{5}$	$\frac{427}{935}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}^2\ \Phi_{55}\ \Phi_{17}^2\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
54287	1016	232	$\frac{1}{29}$	$\frac{11}{116}$	$\frac{7}{29}$	$\frac{105}{232}$	$\Phi_{232}^8\ \Phi_{29}^3\ \Phi_8^8\ \Phi_1^4$
54288	1016	175	$\frac{1}{35}$	$\frac{17}{175}$	$\frac{48}{175}$	$\frac{79}{175}$	$\Phi_{175}^6\ \Phi_{35}^5\ \Phi_{25}^6\ \Phi_7^5\ \Phi_5^5\ \Phi_1^6$
54289	1016	261	$\frac{7}{261}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{261}^4\ \Phi_{87}^4\ \Phi_{29}^3\ \Phi_9^4\ \Phi_3^4\ \Phi_1^4$
54290	1016	2016	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{15}{112}$	$\frac{97}{224}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
54291	1016	903	$\frac{2}{129}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{903}\ \Phi_{301}\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_7\ \Phi_1^2$
54292	1016	189	$\frac{1}{63}$	$\frac{1}{7}$	$\frac{62}{189}$	$\frac{3}{7}$	$\Phi_{189}^8\ \Phi_{27}^8\ \Phi_7\ \Phi_1^2$
54293	1016	259	$\frac{5}{259}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{259}^4\ \Phi_{37}^4\ \Phi_7\ \Phi_1^2$
54294	1016	168	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{41}{168}$	$\frac{3}{7}$	$\Phi_{168}^8\ \Phi_{84}^8\ \Phi_{56}^8\ \Phi_{28}^8\ \Phi_{24}^8\ \Phi_{12}^8\ \Phi_8^8\ \Phi_7\ \Phi_4^8\ \Phi_1^2$
54295	1016	315	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{61}{315}$	$\frac{3}{7}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{45}^4\ \Phi_{35}^4\ \Phi_{15}^4\ \Phi_7\ \Phi_5^4\ \Phi_1^2$
54296	1016	525	$\frac{17}{525}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
54297	1016	924	$\frac{5}{132}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}^2\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{28}\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
54298	1016	133	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{133}^8\ \Phi_{19}^8\ \Phi_7\ \Phi_1^2$
54299	1016	147	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{147}^8\ \Phi_{49}^8\ \Phi_7\ \Phi_1^2$
54300	1016	1008	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}^2\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{56}\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
54301	1016	945	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
54302	1016	567	$\frac{4}{63}$	$\frac{59}{567}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{567}^2\ \Phi_{189}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_7\ \Phi_1^2$
54303	1016	273	$\frac{19}{273}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{273}^4\ \Phi_{91}^4\ \Phi_{39}^4\ \Phi_{13}^4\ \Phi_7\ \Phi_1^2$
54304	1016	140	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{140}^8\ \Phi_{70}^8\ \Phi_{35}^8\ \Phi_{28}^8\ \Phi_{20}^8\ \Phi_{10}^8\ \Phi_7\ \Phi_5^8\ \Phi_4^8\ \Phi_1^2$
54305	1016	875	$\frac{1}{35}$	$\frac{141}{875}$	$\frac{34}{175}$	$\frac{367}{875}$	$\Phi_{875}\ \Phi_{175}^2\ \Phi_{125}\ \Phi_{35}\ \Phi_{25}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
54306	1016	315	$\frac{1}{35}$	$\frac{17}{105}$	$\frac{61}{315}$	$\frac{44}{105}$	$\Phi_{315}^4\ \Phi_{105}^2\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9^4\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
54307	1016	435	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{73}{435}$	$\frac{181}{435}$	$\Phi_{435}^2\ \Phi_{145}^2\ \Phi_{87}^4\ \Phi_{29}^3\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
54308	1016	425	$\frac{2}{85}$	$\frac{83}{425}$	$\frac{1}{5}$	$\frac{171}{425}$	$\Phi_{425}^2\ \Phi_{85}^4\ \Phi_{25}^2\ \Phi_{17}^4\ \Phi_5^3\ \Phi_1^4$
54309	1016	130	$\frac{3}{130}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{130}^8\ \Phi_{65}^8\ \Phi_{26}^8\ \Phi_{13}^8\ \Phi_{10}^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
54310	1016	210	$\frac{1}{35}$	$\frac{17}{105}$	$\frac{22}{105}$	$\frac{83}{210}$	$\Phi_{210}^{8}\,\Phi_{105}^{2}\,\Phi_{70}^{8}\,\Phi_{42}^{8}\,\Phi_{35}\,\Phi_{30}^{8}\,\Phi_{21}^{2}\,\Phi_{15}^{2}\,\Phi_{14}^{8}\,\Phi_{10}^{8}\,\Phi_{7}\,\Phi_{6}^{8}\,\Phi_{5}\,\Phi_{3}^{2}\,\Phi_{2}^{8}\,\Phi_{1}^{2}$
54311	1016	145	$\frac{1}{29}$	$\frac{18}{145}$	$\frac{7}{29}$	$\frac{11}{29}$	$\Phi_{145}^{8}\,\Phi_{29}^{3}\,\Phi_{5}^{8}\,\Phi_{1}^{4}$
54312	1016	1020	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{25}{102}$	$\frac{77}{204}$	$\Phi_{1020}^{2}\,\Phi_{340}^{2}\,\Phi_{255}\,\Phi_{85}\,\Phi_{60}^{2}\,\Phi_{20}^{2}\,\Phi_{15}$
54313	1016	783	$\frac{1}{29}$	$\frac{28}{261}$	$\frac{233}{783}$	$\frac{275}{783}$	$\Phi_{783}\,\Phi_{261}^{2}\,\Phi_{87}^{2}\,\Phi_{29}\,\Phi_{27}\,\Phi_{9}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
54314	1016	576	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{31}{96}$	$\frac{65}{192}$	$\Phi_{576}^{3}\,\Phi_{288}\,\Phi_{192}^{2}\,\Phi_{144}\,\Phi_{96}\,\Phi_{72}\,\Phi_{64}^{2}\,\Phi_{48}\,\Phi_{36}\,\Phi_{24}\,\Phi_{18}\,\Phi_{12}\,\Phi_{6}$
54315	1016	765	$\frac{4}{255}$	$\frac{1}{5}$	$\frac{251}{765}$	$\frac{257}{765}$	$\Phi_{765}\,\Phi_{255}^{2}\,\Phi_{153}\,\Phi_{85}^{2}\,\Phi_{51}^{2}\,\Phi_{45}\,\Phi_{17}^{2}\,\Phi_{15}^{2}\,\Phi_{9}\,\Phi_{5}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
54316	1016	384	$\frac{1}{128}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{384}^{3}\,\Phi_{192}^{3}\,\Phi_{128}^{2}\,\Phi_{96}^{3}\,\Phi_{64}^{2}\,\Phi_{48}^{3}\,\Phi_{32}^{2}\,\Phi_{24}^{3}\,\Phi_{16}^{2}\,\Phi_{12}^{3}\,\Phi_{8}^{2}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}$
54317	1016	645	$\frac{2}{129}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{645}^{2}\,\Phi_{215}^{2}\,\Phi_{15}$
54318	1016	132	$\frac{5}{132}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{132}^{8}\,\Phi_{66}^{8}\,\Phi_{44}^{8}\,\Phi_{33}^{7}\,\Phi_{22}^{8}\,\Phi_{12}^{8}\,\Phi_{11}^{6}\,\Phi_{6}^{8}\,\Phi_{4}^{8}\,\Phi_{3}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
54319	1016	138	$\frac{1}{23}$	$\frac{11}{138}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{138}^{8}\,\Phi_{69}^{7}\,\Phi_{46}^{8}\,\Phi_{23}^{6}\,\Phi_{6}^{8}\,\Phi_{3}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
54320	1016	945	$\frac{1}{63}$	$\frac{1}{5}$	$\frac{62}{189}$	$\frac{1}{3}$	$\Phi_{945}^{2}\,\Phi_{135}^{2}\,\Phi_{15}$
54321	1016	840	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{41}{168}$	$\frac{1}{3}$	$\Phi_{840}^{2}\,\Phi_{420}^{2}\,\Phi_{280}^{2}\,\Phi_{140}^{2}\,\Phi_{120}^{2}\,\Phi_{60}^{2}\,\Phi_{40}^{2}\,\Phi_{20}^{2}\,\Phi_{15}$
54322	1016	1305	$\frac{7}{261}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1305}\,\Phi_{435}\,\Phi_{145}\,\Phi_{15}$
54323	1016	315	$\frac{2}{63}$	$\frac{61}{315}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{315}^{3}\,\Phi_{105}^{3}\,\Phi_{63}^{4}\,\Phi_{45}^{3}\,\Phi_{35}^{3}\,\Phi_{21}^{4}\,\Phi_{15}^{4}\,\Phi_{9}^{4}\,\Phi_{7}^{4}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
54324	1016	660	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{660}^{2}\,\Phi_{330}^{2}\,\Phi_{220}^{2}\,\Phi_{165}^{2}\,\Phi_{110}^{2}\,\Phi_{60}^{2}\,\Phi_{55}^{2}\,\Phi_{20}^{2}\,\Phi_{15}$
54325	1016	1995	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1995}\,\Phi_{285}\,\Phi_{15}$
54326	1016	735	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{735}^{2}\,\Phi_{245}^{2}\,\Phi_{15}$
54327	1016	720	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{720}^{2}\,\Phi_{360}^{2}\,\Phi_{240}^{2}\,\Phi_{180}^{2}\,\Phi_{120}^{2}\,\Phi_{80}^{2}\,\Phi_{60}^{2}\,\Phi_{40}^{2}\,\Phi_{20}^{2}\,\Phi_{15}$
54328	1016	135	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{135}^{8}\,\Phi_{45}^{6}\,\Phi_{27}^{8}\,\Phi_{15}^{7}\,\Phi_{9}^{8}\,\Phi_{5}^{6}\,\Phi_{3}^{8}\,\Phi_{1}^{8}$
54329	1016	1365	$\frac{19}{273}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1365}\,\Phi_{455}\,\Phi_{195}\,\Phi_{65}\,\Phi_{15}$
54330	1016	420	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{420}^{4}\,\Phi_{210}^{3}\,\Phi_{105}^{3}\,\Phi_{84}^{4}\,\Phi_{60}^{4}\,\Phi_{42}^{4}\,\Phi_{30}^{3}\,\Phi_{21}^{4}\,\Phi_{15}^{4}\,\Phi_{12}^{4}\,\Phi_{6}^{4}\,\Phi_{3}^{4}$
54331	1016	315	$\frac{1}{35}$	$\frac{61}{315}$	$\frac{71}{315}$	$\frac{34}{105}$	$\Phi_{315}^{3}\,\Phi_{105}^{4}\,\Phi_{63}^{3}\,\Phi_{45}^{3}\,\Phi_{35}^{3}\,\Phi_{21}^{4}\,\Phi_{15}^{4}\,\Phi_{9}^{3}\,\Phi_{7}^{3}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
54332	1016	375	$\frac{4}{125}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{121}{375}$	$\Phi_{375}^{4}\,\Phi_{75}^{4}\,\Phi_{15}^{4}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
54333	1016	180	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{5}$	$\frac{53}{180}$	$\Phi_{180}^{8}\,\Phi_{90}^{8}\,\Phi_{45}^{8}\,\Phi_{36}^{8}\,\Phi_{18}^{8}\,\Phi_{15}^{4}\,\Phi_{9}^{8}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
54334	1016	144	$\frac{1}{9}$	$\frac{17}{144}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{144}^{8}\,\Phi_{72}^{6}\,\Phi_{48}^{8}\,\Phi_{36}^{6}\,\Phi_{24}^{7}\,\Phi_{18}^{6}\,\Phi_{16}^{8}\,\Phi_{12}^{7}\,\Phi_{9}^{5}\,\Phi_{8}^{6}\,\Phi_{6}^{7}\,\Phi_{4}^{6}\,\Phi_{3}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{6}$
54335	1016	135	$\frac{8}{135}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{135}^{8}\,\Phi_{45}^{6}\,\Phi_{27}^{8}\,\Phi_{15}^{8}\,\Phi_{9}^{6}\,\Phi_{5}^{7}\,\Phi_{3}^{8}\,\Phi_{1}^{8}$
54336	1016	1785	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{1}{5}$	$\frac{103}{357}$	$\Phi_{1785}\,\Phi_{255}\,\Phi_{105}\,\Phi_{85}\,\Phi_{15}$
54337	1016	174	$\frac{1}{29}$	$\frac{11}{58}$	$\frac{7}{29}$	$\frac{47}{174}$	$\Phi_{174}^{8}\,\Phi_{87}^{8}\,\Phi_{29}^{3}\,\Phi_{6}^{8}\,\Phi_{3}^{8}\,\Phi_{1}^{4}$
54338	1016	150	$\frac{1}{15}$	$\frac{23}{150}$	$\frac{1}{5}$	$\frac{7}{30}$	$\Phi_{150}^{8}\,\Phi_{75}^{8}\,\Phi_{50}^{8}\,\Phi_{25}^{8}\,\Phi_{15}^{4}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
54339	1016	165	$\frac{13}{165}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{38}{165}$	$\Phi_{165}^{6}\,\Phi_{55}^{6}\,\Phi_{33}^{6}\,\Phi_{15}^{8}\,\Phi_{11}^{6}\,\Phi_{5}^{7}\,\Phi_{3}^{8}\,\Phi_{1}^{8}$
54340	1016	145	$\frac{18}{145}$	$\frac{19}{145}$	$\frac{21}{145}$	$\frac{31}{145}$	$\Phi_{145}^{7}\,\Phi_{29}^{7}\,\Phi_{5}^{7}\,\Phi_{1}^{8}$
54341	1016	1440	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{160}$	$\Phi_{1440}\,\Phi_{720}\,\Phi_{480}\,\Phi_{288}\,\Phi_{240}\,\Phi_{144}\,\Phi_{96}\,\Phi_{72}\,\Phi_{48}\,\Phi_{36}\,\Phi_{24}\,\Phi_{18}\,\Phi_{12}\,\Phi_{6}$
54342	1016	275	$\frac{21}{275}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{275}^{4}\,\Phi_{55}^{4}\,\Phi_{11}^{4}\,\Phi_{5}^{3}\,\Phi_{1}^{4}$
54343	1016	150	$\frac{2}{25}$	$\frac{23}{150}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{150}^{8}\,\Phi_{75}^{8}\,\Phi_{50}^{8}\,\Phi_{30}^{8}\,\Phi_{15}^{8}\,\Phi_{10}^{8}\,\Phi_{6}^{8}\,\Phi_{5}^{3}\,\Phi_{3}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{4}$
54344	1017	1360	$\frac{3}{340}$	$\frac{1}{4}$	$\frac{343}{1360}$	$\frac{337}{680}$	$\Phi_{1360}\,\Phi_{340}\,\Phi_{272}\,\Phi_{170}\,\Phi_{85}\,\Phi_{80}\,\Phi_{68}\,\Phi_{34}\,\Phi_{20}\,\Phi_{17}\,\Phi_{16}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
54345	1017	224	$\frac{1}{112}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{111}{224}$	$\Phi_{224}^{9}\,\Phi_{32}^{9}\,\Phi_{16}\,\Phi_{1}$
54346	1017	224	$\frac{1}{112}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{111}{224}$	$\Phi_{224}^{9}\,\Phi_{32}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
54347	1017	1340	$\frac{4}{335}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{331}{670}$	$\Phi_{1340}\ \Phi_{335}\ \Phi_{268}\ \Phi_{67}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
54348	1017	136	$\frac{1}{68}$	$\frac{23}{136}$	$\frac{1}{4}$	$\frac{67}{136}$	$\Phi_{136}^6\ \Phi_{68}^9\ \Phi_{34}^9\ \Phi_{17}^9\ \Phi_8^6\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
54349	1017	2000	$\frac{17}{1000}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{983}{2000}$	$\Phi_{2000}\ \Phi_{400}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
54350	1017	1110	$\frac{2}{111}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{109}{222}$	$\Phi_{1110}\ \Phi_{555}\ \Phi_{370}\ \Phi_{185}\ \Phi_{111}\ \Phi_{37}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
54351	1017	1984	$\frac{25}{992}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{967}{1984}$	$\Phi_{1984}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
54352	1017	760	$\frac{1}{38}$	$\frac{1}{10}$	$\frac{39}{152}$	$\frac{37}{76}$	$\Phi_{760}^2\ \Phi_{190}^2\ \Phi_{152}\ \Phi_{95}^2\ \Phi_{40}^2\ \Phi_{38}\ \Phi_{19}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
54353	1017	220	$\frac{3}{110}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{107}{220}$	$\Phi_{220}^3\ \Phi_{110}^6\ \Phi_{55}^6\ \Phi_{44}^3\ \Phi_{22}^6\ \Phi_{20}^5\ \Phi_{11}^6\ \Phi_{10}^7\ \Phi_5^7\ \Phi_4^4\ \Phi_2^6\ \Phi_1^7$
54354	1017	1088	$\frac{3}{68}$	$\frac{71}{1088}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{1088}\ \Phi_{544}\ \Phi_{272}\ \Phi_{68}\ \Phi_{64}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
54355	1017	1080	$\frac{5}{108}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{103}{216}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}\ \Phi_{120}^2\ \Phi_{72}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
54356	1017	1292	$\frac{16}{323}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{307}{646}$	$\Phi_{1292}\ \Phi_{323}\ \Phi_{76}\ \Phi_{68}^2\ \Phi_{34}\ \Phi_{19}\ \Phi_{17}\ \Phi_4\ \Phi_1$
54357	1017	120	$\frac{1}{20}$	$\frac{7}{120}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{120}^9\ \Phi_{60}^9\ \Phi_{40}^6\ \Phi_{30}^9\ \Phi_{24}^9\ \Phi_{20}^9\ \Phi_{15}^9\ \Phi_{12}^9\ \Phi_{10}^9\ \Phi_8^6\ \Phi_6^9\ \Phi_5^9\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
54358	1017	640	$\frac{1}{20}$	$\frac{19}{320}$	$\frac{1}{4}$	$\frac{301}{640}$	$\Phi_{640}^3\ \Phi_{128}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
54359	1017	640	$\frac{19}{320}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{301}{640}$	$\Phi_{640}^3\ \Phi_{128}^3\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
54360	1017	1904	$\frac{3}{68}$	$\frac{65}{952}$	$\frac{1}{4}$	$\frac{887}{1904}$	$\Phi_{1904}\ \Phi_{272}\ \Phi_{112}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
54361	1017	127	$\frac{10}{127}$	$\frac{13}{127}$	$\frac{14}{127}$	$\frac{57}{127}$	$\Phi_{127}^8\ \Phi_1^9$
54362	1017	204	$\frac{1}{34}$	$\frac{11}{102}$	$\frac{1}{4}$	$\frac{91}{204}$	$\Phi_{204}^3\ \Phi_{102}^6\ \Phi_{68}^5\ \Phi_{51}^6\ \Phi_{34}^7\ \Phi_{17}^7\ \Phi_{12}^3\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
54363	1017	336	$\frac{1}{56}$	$\frac{1}{8}$	$\frac{55}{168}$	$\frac{7}{16}$	$\Phi_{336}^8\ \Phi_{168}\ \Phi_{84}\ \Phi_{48}^8\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
54364	1017	464	$\frac{3}{116}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{464}^4\ \Phi_{116}\ \Phi_{58}\ \Phi_{29}\ \Phi_{16}\ \Phi_1$
54365	1017	448	$\frac{3}{112}$	$\frac{1}{8}$	$\frac{109}{448}$	$\frac{7}{16}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}\ \Phi_1$
54366	1017	560	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{27}{140}$	$\frac{7}{16}$	$\Phi_{560}^4\ \Phi_{140}\ \Phi_{80}^4\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
54367	1017	352	$\frac{13}{352}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{352}^3\ \Phi_{176}^3\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{32}^3\ \Phi_{22}^3\ \Phi_{16}\ \Phi_{11}^3\ \Phi_1$
54368	1017	1904	$\frac{6}{119}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{1904}\ \Phi_{272}\ \Phi_{119}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
54369	1017	240	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{240}^8\ \Phi_{120}\ \Phi_{80}^8\ \Phi_{60}\ \Phi_{48}^8\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
54370	1017	128	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{128}^9\ \Phi_{64}^9\ \Phi_{32}^9\ \Phi_{16}\ \Phi_1$
54371	1017	1008	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{144}^2\ \Phi_{126}\ \Phi_{63}\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
54372	1017	1120	$\frac{9}{112}$	$\frac{103}{1120}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
54373	1017	1792	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{121}{896}$	$\frac{775}{1792}$	$\Phi_{1792}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
54374	1017	1040	$\frac{23}{1040}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{16}\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_1$
54375	1017	120	$\frac{7}{120}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{120}^9\ \Phi_{60}^7\ \Phi_{40}^9\ \Phi_{30}^9\ \Phi_{24}^9\ \Phi_{20}^7\ \Phi_{15}^9\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_8^9\ \Phi_6^9\ \Phi_5^8\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
54376	1017	190	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{18}{95}$	$\frac{77}{190}$	$\Phi_{190}^5\ \Phi_{95}^6\ \Phi_{38}^5\ \Phi_{19}^5\ \Phi_{10}^4\ \Phi_5^5\ \Phi_2^4\ \Phi_1^5$
54377	1017	544	$\frac{1}{68}$	$\frac{67}{272}$	$\frac{1}{4}$	$\frac{205}{544}$	$\Phi_{544}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{32}^3\ \Phi_{17}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
54378	1017	344	$\frac{5}{344}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{344}^3\ \Phi_{172}^3\ \Phi_{86}^3\ \Phi_{43}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
54379	1017	127	$\frac{4}{127}$	$\frac{14}{127}$	$\frac{41}{127}$	$\frac{43}{127}$	$\Phi_{127}^8\ \Phi_1^9$
54380	1017	512	$\frac{7}{256}$	$\frac{1}{8}$	$\frac{83}{256}$	$\frac{173}{512}$	$\Phi_{512}^3\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
54381	1017	340	$\frac{1}{85}$	$\frac{1}{4}$	$\frac{28}{85}$	$\frac{57}{170}$	$\Phi_{340}^4\ \Phi_{170}\ \Phi_{85}^3\ \Phi_{68}^4\ \Phi_{34}\ \Phi_{20}^4\ \Phi_{17}^3\ \Phi_{10}\ \Phi_5^3\ \Phi_4^3\ \Phi_1^3$
54382	1017	508	$\frac{1}{127}$	$\frac{42}{127}$	$\frac{169}{508}$	$\frac{85}{254}$	$\Phi_{508}^3\ \Phi_{127}^2\ \Phi_4^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
54383	1017	168	$\frac{1}{56}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{55}{168}$	$\Phi_{168}^{9}\,\Phi_{84}^{9}\,\Phi_{42}^{9}\,\Phi_{24}^{9}\,\Phi_{21}^{9}\,\Phi_{12}^{9}\,\Phi_{6}^{9}\,\Phi_{4}^{2}\,\Phi_{3}^{9}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
54384	1017	136	$\frac{1}{34}$	$\frac{23}{136}$	$\frac{1}{4}$	$\frac{11}{34}$	$\Phi_{136}^{9}\,\Phi_{68}^{5}\,\Phi_{34}^{7}\,\Phi_{17}^{7}\,\Phi_{8}^{9}\,\Phi_{4}^{4}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
54385	1017	500	$\frac{17}{500}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{161}{500}$	$\Phi_{500}^{2}\,\Phi_{250}^{2}\,\Phi_{125}^{2}\,\Phi_{100}^{2}\,\Phi_{50}^{2}\,\Phi_{25}^{2}\,\Phi_{20}^{3}\,\Phi_{10}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
54386	1017	810	$\frac{5}{54}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{49}{162}$	$\Phi_{810}^{2}\,\Phi_{405}^{2}\,\Phi_{162}\,\Phi_{81}\,\Phi_{30}^{2}\,\Phi_{15}^{2}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
54387	1017	120	$\frac{7}{120}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{120}^{9}\,\Phi_{60}^{9}\,\Phi_{40}^{9}\,\Phi_{30}^{9}\,\Phi_{24}^{9}\,\Phi_{20}^{5}\,\Phi_{15}^{9}\,\Phi_{12}^{9}\,\Phi_{10}^{7}\,\Phi_{8}^{9}\,\Phi_{6}^{9}\,\Phi_{5}^{7}\,\Phi_{4}^{4}\,\Phi_{3}^{9}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
54388	1017	128	$\frac{7}{64}$	$\frac{15}{128}$	$\frac{1}{8}$	$\frac{19}{64}$	$\Phi_{128}^{9}\,\Phi_{64}^{7}\,\Phi_{32}^{7}\,\Phi_{16}^{7}\,\Phi_{8}^{6}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
54389	1017	160	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{1}{4}$	$\frac{47}{160}$	$\Phi_{160}^{6}\,\Phi_{80}^{6}\,\Phi_{40}^{6}\,\Phi_{32}^{6}\,\Phi_{20}^{9}\,\Phi_{16}^{6}\,\Phi_{10}^{9}\,\Phi_{8}^{6}\,\Phi_{5}^{9}\,\Phi_{4}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
54390	1017	127	$\frac{14}{127}$	$\frac{15}{127}$	$\frac{16}{127}$	$\frac{37}{127}$	$\Phi_{127}^{8}\,\Phi_{1}^{9}$
54391	1017	476	$\frac{3}{68}$	$\frac{65}{476}$	$\frac{1}{4}$	$\frac{137}{476}$	$\Phi_{476}^{2}\,\Phi_{238}^{2}\,\Phi_{119}^{2}\,\Phi_{68}^{3}\,\Phi_{34}^{3}\,\Phi_{28}^{2}\,\Phi_{17}^{3}\,\Phi_{14}^{2}\,\Phi_{7}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
54392	1017	630	$\frac{1}{10}$	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{630}^{2}\,\Phi_{315}^{2}\,\Phi_{210}^{2}\,\Phi_{126}\,\Phi_{105}^{2}\,\Phi_{70}^{2}\,\Phi_{63}\,\Phi_{42}\,\Phi_{35}^{2}\,\Phi_{30}^{2}\,\Phi_{21}\,\Phi_{15}^{2}\,\Phi_{14}\,\Phi_{10}\,\Phi_{7}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
54393	1017	116	$\frac{3}{116}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{116}^{9}\,\Phi_{58}^{9}\,\Phi_{29}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
54394	1017	448	$\frac{3}{112}$	$\frac{109}{448}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{448}^{3}\,\Phi_{224}^{3}\,\Phi_{64}^{3}\,\Phi_{32}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
54395	1017	140	$\frac{1}{28}$	$\frac{27}{140}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^{9}\,\Phi_{70}^{9}\,\Phi_{35}^{9}\,\Phi_{20}^{9}\,\Phi_{10}^{9}\,\Phi_{5}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
54396	1017	352	$\frac{13}{352}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{352}^{3}\,\Phi_{176}^{3}\,\Phi_{88}^{3}\,\Phi_{44}^{3}\,\Phi_{32}^{3}\,\Phi_{22}^{3}\,\Phi_{11}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
54397	1017	476	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{476}^{2}\,\Phi_{238}^{2}\,\Phi_{119}^{3}\,\Phi_{68}^{2}\,\Phi_{34}^{2}\,\Phi_{17}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
54398	1017	392	$\frac{3}{56}$	$\frac{53}{392}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{392}^{3}\,\Phi_{196}^{3}\,\Phi_{98}^{3}\,\Phi_{49}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
54399	1017	120	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{120}^{9}\,\Phi_{60}^{9}\,\Phi_{40}^{9}\,\Phi_{30}^{9}\,\Phi_{24}^{9}\,\Phi_{20}^{9}\,\Phi_{15}^{9}\,\Phi_{12}^{9}\,\Phi_{10}^{9}\,\Phi_{6}^{9}\,\Phi_{5}^{9}\,\Phi_{4}^{2}\,\Phi_{3}^{9}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
54400	1017	128	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{128}^{9}\,\Phi_{64}^{9}\,\Phi_{32}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
54401	1017	364	$\frac{25}{364}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{364}^{3}\,\Phi_{182}^{3}\,\Phi_{91}^{3}\,\Phi_{52}^{3}\,\Phi_{26}^{3}\,\Phi_{13}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
54402	1017	252	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{252}^{4}\,\Phi_{126}^{5}\,\Phi_{84}^{4}\,\Phi_{63}^{5}\,\Phi_{42}^{5}\,\Phi_{36}^{4}\,\Phi_{21}^{5}\,\Phi_{18}^{5}\,\Phi_{12}^{4}\,\Phi_{9}^{5}\,\Phi_{6}^{5}\,\Phi_{4}^{2}\,\Phi_{3}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
54403	1017	400	$\frac{1}{20}$	$\frac{61}{400}$	$\frac{19}{80}$	$\frac{1}{4}$	$\Phi_{400}^{3}\,\Phi_{200}^{3}\,\Phi_{100}^{3}\,\Phi_{50}^{3}\,\Phi_{25}^{3}\,\Phi_{20}^{3}\,\Phi_{10}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
54404	1017	440	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{440}$	$\frac{1}{4}$	$\Phi_{440}^{3}\,\Phi_{220}\,\Phi_{110}^{2}\,\Phi_{88}^{3}\,\Phi_{55}^{2}\,\Phi_{44}\,\Phi_{40}^{3}\,\Phi_{22}^{2}\,\Phi_{20}^{3}\,\Phi_{11}^{2}\,\Phi_{10}^{3}\,\Phi_{8}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
54405	1017	1100	$\frac{83}{1100}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{1100}\,\Phi_{550}\,\Phi_{275}\,\Phi_{220}\,\Phi_{110}\,\Phi_{55}\,\Phi_{44}\,\Phi_{22}\,\Phi_{20}\,\Phi_{11}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
54406	1017	400	$\frac{17}{200}$	$\frac{3}{20}$	$\frac{61}{400}$	$\frac{1}{4}$	$\Phi_{400}^{3}\,\Phi_{200}^{2}\,\Phi_{100}^{2}\,\Phi_{80}^{3}\,\Phi_{50}^{2}\,\Phi_{40}^{2}\,\Phi_{25}^{2}\,\Phi_{20}^{3}\,\Phi_{16}^{3}\,\Phi_{10}^{3}\,\Phi_{8}^{2}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
54407	1017	720	$\frac{1}{10}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{144}$	$\Phi_{720}^{2}\,\Phi_{360}^{2}\,\Phi_{240}^{2}\,\Phi_{144}\,\Phi_{120}^{2}\,\Phi_{80}^{2}\,\Phi_{72}\,\Phi_{48}\,\Phi_{40}^{2}\,\Phi_{30}^{2}\,\Phi_{24}\,\Phi_{16}\,\Phi_{15}^{2}\,\Phi_{10}\,\Phi_{8}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
54408	1017	1280	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{320}$	$\frac{263}{1280}$	$\Phi_{1280}\,\Phi_{640}\,\Phi_{256}\,\Phi_{128}\,\Phi_{64}\,\Phi_{32}\,\Phi_{16}\,\Phi_{1}$
54409	1018	1014	$\frac{2}{507}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{505}{1014}$	$\Phi_{1014}^{2}\,\Phi_{338}^{2}\,\Phi_{78}^{2}\,\Phi_{26}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
54410	1018	2040	$\frac{1}{170}$	$\frac{171}{680}$	$\frac{1}{3}$	$\frac{169}{340}$	$\Phi_{2040}\,\Phi_{510}\,\Phi_{408}\,\Phi_{255}\,\Phi_{120}\,\Phi_{102}\,\Phi_{51}\,\Phi_{30}\,\Phi_{24}\,\Phi_{15}\,\Phi_{6}$
54411	1018	3030	$\frac{4}{505}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{501}{1010}$	$\Phi_{3030}\,\Phi_{606}\,\Phi_{30}\,\Phi_{15}\,\Phi_{6}$
54412	1018	904	$\frac{1}{113}$	$\frac{57}{452}$	$\frac{395}{904}$	$\frac{56}{113}$	$\Phi_{904}^{2}\,\Phi_{113}\,\Phi_{8}^{2}\,\Phi_{1}^{2}$
54413	1018	678	$\frac{1}{113}$	$\frac{169}{678}$	$\frac{57}{226}$	$\frac{56}{113}$	$\Phi_{678}^{2}\,\Phi_{339}^{2}\,\Phi_{113}\,\Phi_{6}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
54414	1018	612	$\frac{1}{102}$	$\frac{103}{612}$	$\frac{1}{3}$	$\frac{101}{204}$	$\Phi_{612}^{2}\,\Phi_{306}^{2}\,\Phi_{153}^{2}\,\Phi_{102}^{2}\,\Phi_{51}^{2}\,\Phi_{36}^{2}\,\Phi_{34}^{2}\,\Phi_{18}^{2}\,\Phi_{17}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
54415	1018	1008	$\frac{5}{504}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{499}{1008}$	$\Phi_{1008}^{2}\,\Phi_{336}^{2}\,\Phi_{144}^{2}\,\Phi_{112}^{2}\,\Phi_{48}^{2}\,\Phi_{16}^{2}\,\Phi_{9}\,\Phi_{3}\,\Phi_{1}^{2}$
54416	1018	1008	$\frac{5}{504}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{499}{1008}$	$\Phi_{1008}^{2}\,\Phi_{336}^{2}\,\Phi_{144}^{2}\,\Phi_{112}^{2}\,\Phi_{48}^{2}\,\Phi_{16}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
54417	1018	1005	$\frac{13}{1005}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{496}{1005}$	$\Phi_{1005}\,\Phi_{335}\,\Phi_{201}\,\Phi_{67}\,\Phi_{15}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
54418	1018	3000	$\frac{9}{500}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{491}{1000}$	$\Phi_{3000}\ \Phi_{600}\ \Phi_{120}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
54419	1018	999	$\frac{19}{999}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{490}{999}$	$\Phi_{999}\ \Phi_{333}\ \Phi_{111}\ \Phi_{37}\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
54420	1018	684	$\frac{4}{171}$	$\frac{1}{9}$	$\frac{175}{684}$	$\frac{167}{342}$	$\Phi_{684}^2\ \Phi_{228}^2\ \Phi_{171}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{36}^2\ \Phi_{19}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
54421	1018	990	$\frac{14}{495}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{481}{990}$	$\Phi_{990}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{110}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
54422	1018	1632	$\frac{1}{34}$	$\frac{35}{544}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{408}\ \Phi_{102}\ \Phi_{96}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_6$
54423	1018	2958	$\frac{16}{493}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{477}{986}$	$\Phi_{2958}\ \Phi_{174}\ \Phi_{102}\ \Phi_{51}\ \Phi_6$
54424	1018	540	$\frac{1}{30}$	$\frac{31}{540}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
54425	1018	972	$\frac{23}{486}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{463}{972}$	$\Phi_{972}^2\ \Phi_{324}^2\ \Phi_{108}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
54426	1018	969	$\frac{2}{51}$	$\frac{49}{969}$	$\frac{1}{3}$	$\frac{460}{969}$	$\Phi_{969}\ \Phi_{323}\ \Phi_{57}\ \Phi_{51}^2\ \Phi_{19}\ \Phi_{17}^2\ \Phi_3\ \Phi_1^2$
54427	1018	960	$\frac{1}{30}$	$\frac{29}{480}$	$\frac{1}{3}$	$\frac{451}{960}$	$\Phi_{960}^2\ \Phi_{320}^2\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
54428	1018	2856	$\frac{1}{34}$	$\frac{33}{476}$	$\frac{1}{3}$	$\frac{443}{952}$	$\Phi_{2856}\ \Phi_{408}\ \Phi_{168}\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}\ \Phi_6$
54429	1018	1560	$\frac{11}{520}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{120}\ \Phi_{78}\ \Phi_{39}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
54430	1018	918	$\frac{1}{51}$	$\frac{50}{459}$	$\frac{1}{3}$	$\frac{409}{918}$	$\Phi_{918}^2\ \Phi_{306}^2\ \Phi_{102}^2\ \Phi_{54}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{17}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
54431	1018	756	$\frac{5}{252}$	$\frac{1}{9}$	$\frac{247}{756}$	$\frac{4}{9}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
54432	1018	522	$\frac{13}{522}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{522}^2\ \Phi_{261}^2\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
54433	1018	630	$\frac{5}{126}$	$\frac{1}{9}$	$\frac{121}{630}$	$\frac{4}{9}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
54434	1018	540	$\frac{31}{540}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
54435	1018	576	$\frac{5}{72}$	$\frac{1}{9}$	$\frac{67}{576}$	$\frac{4}{9}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
54436	1018	567	$\frac{5}{63}$	$\frac{58}{567}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{567}^2\ \Phi_{189}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
54437	1018	540	$\frac{31}{540}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
54438	1018	516	$\frac{7}{516}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{516}^2\ \Phi_{258}^2\ \Phi_{172}^2\ \Phi_{129}^2\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
54439	1018	855	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{163}{855}$	$\frac{346}{855}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{171}^2\ \Phi_{95}\ \Phi_{57}^2\ \Phi_{45}\ \Phi_{19}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
54440	1018	2550	$\frac{1}{85}$	$\frac{84}{425}$	$\frac{1}{3}$	$\frac{341}{850}$	$\Phi_{2550}\ \Phi_{510}\ \Phi_{255}\ \Phi_{150}\ \Phi_{102}\ \Phi_{51}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
54441	1018	816	$\frac{1}{102}$	$\frac{101}{408}$	$\frac{1}{3}$	$\frac{307}{816}$	$\Phi_{816}^2\ \Phi_{272}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{48}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{16}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
54442	1018	765	$\frac{2}{255}$	$\frac{253}{765}$	$\frac{1}{3}$	$\frac{256}{765}$	$\Phi_{765}\ \Phi_{255}^2\ \Phi_{153}\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{45}\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
54443	1018	546	$\frac{2}{39}$	$\frac{37}{546}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{26}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
54444	1018	612	$\frac{1}{51}$	$\frac{103}{612}$	$\frac{50}{153}$	$\frac{1}{3}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{36}^2\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{17}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
54445	1018	756	$\frac{5}{252}$	$\frac{1}{6}$	$\frac{247}{756}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
54446	1018	750	$\frac{9}{250}$	$\frac{1}{10}$	$\frac{241}{750}$	$\frac{1}{3}$	$\Phi_{750}\ \Phi_{375}\ \Phi_{250}^2\ \Phi_{150}\ \Phi_{125}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
54447	1018	540	$\frac{31}{540}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
54448	1018	720	$\frac{1}{30}$	$\frac{29}{240}$	$\frac{211}{720}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
54449	1018	714	$\frac{1}{34}$	$\frac{33}{238}$	$\frac{205}{714}$	$\frac{1}{3}$	$\Phi_{714}\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{42}\ \Phi_{34}^2\ \Phi_{21}\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
54450	1018	522	$\frac{13}{522}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{522}^2\ \Phi_{261}^2\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
54451	1018	672	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{163}{672}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
54452	1018	600	$\frac{1}{30}$	$\frac{91}{600}$	$\frac{29}{120}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
54453	1018	660	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{151}{660}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{44}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
54454	1018	528	$\frac{19}{528}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
54455	1018	630	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{121}{630}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
54456	1018	1650	$\frac{41}{550}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{330}\ \Phi_{165}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
54457	1018	540	$\frac{31}{540}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
54458	1018	588	$\frac{5}{84}$	$\frac{79}{588}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
54459	1018	546	$\frac{37}{546}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
54460	1018	576	$\frac{5}{72}$	$\frac{67}{576}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
54461	1018	600	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{600}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}\ \Phi_{200}^2\ \Phi_{150}\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
54462	1018	729	$\frac{23}{243}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{220}{729}$	$\Phi_{729}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
54463	1018	567	$\frac{58}{567}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{81}$	$\Phi_{567}^2\ \Phi_{189}^2\ \Phi_{63}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
54464	1018	648	$\frac{1}{9}$	$\frac{23}{162}$	$\frac{4}{27}$	$\frac{139}{648}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
54465	1020	1524	$\frac{1}{254}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{253}{508}$	$\Phi_{1524}\ \Phi_{508}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
54466	1020	1624	$\frac{1}{203}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{101}{203}$	$\Phi_{1624}\ \Phi_{232}\ \Phi_{203}\ \Phi_{56}\ \Phi_{29}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
54467	1020	845	$\frac{1}{169}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{84}{169}$	$\Phi_{845}\ \Phi_{169}^2\ \Phi_{65}\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
54468	1020	2028	$\frac{1}{169}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{84}{169}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{156}\ \Phi_{78}\ \Phi_{12}^2\ \Phi_6^2$
54469	1020	1019	$\frac{7}{1019}$	$\frac{171}{1019}$	$\frac{424}{1019}$	$\frac{506}{1019}$	$\Phi_{1019}\ \Phi_1^2$
54470	1020	1364	$\frac{3}{341}$	$\frac{1}{4}$	$\frac{86}{341}$	$\frac{169}{341}$	$\Phi_{1364}\ \Phi_{682}\ \Phi_{124}\ \Phi_{62}\ \Phi_{44}\ \Phi_{22}$
54471	1020	1019	$\frac{9}{1019}$	$\frac{254}{1019}$	$\frac{257}{1019}$	$\frac{505}{1019}$	$\Phi_{1019}\ \Phi_1^2$
54472	1020	1533	$\frac{5}{511}$	$\frac{86}{511}$	$\frac{1}{3}$	$\frac{253}{511}$	$\Phi_{1533}\ \Phi_{219}\ \Phi_{21}$
54473	1020	909	$\frac{1}{101}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{50}{101}$	$\Phi_{909}\ \Phi_{303}\ \Phi_{101}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
54474	1020	606	$\frac{1}{101}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{50}{101}$	$\Phi_{606}^2\ \Phi_{303}\ \Phi_{202}^2\ \Phi_{101}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
54475	1020	1019	$\frac{11}{1019}$	$\frac{103}{1019}$	$\frac{458}{1019}$	$\frac{504}{1019}$	$\Phi_{1019}\ \Phi_1^2$
54476	1020	1848	$\frac{1}{84}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{83}{168}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{168}^2\ \Phi_{88}\ \Phi_{56}^2\ \Phi_{24}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
54477	1020	168	$\frac{1}{84}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{83}{168}$	$\Phi_{168}^{12}\ \Phi_{56}^{12}\ \Phi_{24}^{12}\ \Phi_{21}\ \Phi_8^{12}$
54478	1020	1848	$\frac{1}{84}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{83}{168}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{168}^2\ \Phi_{88}\ \Phi_{56}^2\ \Phi_{24}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
54479	1020	840	$\frac{1}{84}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{83}{168}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{120}^3\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
54480	1020	876	$\frac{1}{73}$	$\frac{37}{292}$	$\frac{1}{3}$	$\frac{36}{73}$	$\Phi_{876}^2\ \Phi_{438}^2\ \Phi_{219}\ \Phi_{12}^2\ \Phi_6^2$
54481	1020	1230	$\frac{3}{205}$	$\frac{1}{6}$	$\frac{52}{205}$	$\frac{101}{205}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{410}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
54482	1020	1876	$\frac{1}{67}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{33}{67}$	$\Phi_{1876}\ \Phi_{268}\ \Phi_{67}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
54483	1020	469	$\frac{1}{67}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{33}{67}$	$\Phi_{469}^2\ \Phi_{67}^3\ \Phi_7^4\ \Phi_1^6$
54484	1020	804	$\frac{1}{67}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{33}{67}$	$\Phi_{804}^2\ \Phi_{402}\ \Phi_{268}\ \Phi_{201}\ \Phi_{67}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
54485	1020	1019	$\frac{17}{1019}$	$\frac{152}{1019}$	$\frac{259}{1019}$	$\frac{501}{1019}$	$\Phi_{1019}\ \Phi_1^2$
54486	1020	1888	$\frac{1}{59}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{29}{59}$	$\Phi_{1888}\ \Phi_{59}\ \Phi_{32}^2\ \Phi_1^2$
54487	1020	1416	$\frac{1}{59}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{29}{59}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{354}\ \Phi_{177}\ \Phi_{59}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
54488	1020	1180	$\frac{1}{59}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{29}{59}$	$\Phi_{1180}\ \Phi_{590}\ \Phi_{295}\ \Phi_{59}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
54489	1020	798	$\frac{1}{57}$	$\frac{1}{7}$	$\frac{29}{114}$	$\frac{28}{57}$	$\Phi_{798}^2\ \Phi_{399}\ \Phi_{266}^2\ \Phi_{133}\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{14}^2$
54490	1020	1533	$\frac{9}{511}$	$\frac{52}{511}$	$\frac{1}{3}$	$\frac{251}{511}$	$\Phi_{1533}\ \Phi_{219}\ \Phi_{21}$
54491	1020	1900	$\frac{1}{50}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{49}{100}$	$\Phi_{1900}\ \Phi_{380}\ \Phi_{100}^2\ \Phi_{76}\ \Phi_{20}^2\ \Phi_{19}\ \Phi_4^2\ \Phi_1^2$
54492	1020	3300	$\frac{1}{50}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{3300}\ \Phi_{660}\ \Phi_{132}\ \Phi_{33}$
54493	1020	1900	$\frac{1}{50}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{49}{100}$	$\Phi_{1900}\ \Phi_{380}\ \Phi_{100}^2\ \Phi_{76}\ \Phi_{20}^2\ \Phi_{19}\ \Phi_4^2\ \Phi_1^2$
54494	1020	300	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{49}{100}$	$\Phi_{300}^8\ \Phi_{100}^4\ \Phi_{60}^8\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^8\ \Phi_{10}\ \Phi_4^4$
54495	1020	1019	$\frac{21}{1019}$	$\frac{104}{1019}$	$\frac{305}{1019}$	$\frac{499}{1019}$	$\Phi_{1019}\ \Phi_1^2$
54496	1020	246	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{7}{41}$	$\frac{20}{41}$	$\Phi_{246}^5\ \Phi_{123}^5\ \Phi_{82}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
54497	1020	1019	$\frac{25}{1019}$	$\frac{169}{1019}$	$\frac{174}{1019}$	$\frac{497}{1019}$	$\Phi_{1019}\ \Phi_1^2$
54498	1020	1364	$\frac{9}{341}$	$\frac{35}{341}$	$\frac{1}{4}$	$\frac{166}{341}$	$\Phi_{1364}\ \Phi_{682}\ \Phi_{124}\ \Phi_{62}\ \Phi_{44}\ \Phi_{22}$
54499	1020	2480	$\frac{7}{248}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{241}{496}$	$\Phi_{2480}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
54500	1020	957	$\frac{1}{33}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{16}{33}$	$\Phi_{957}\ \Phi_{319}\ \Phi_{87}\ \Phi_{33}^2\ \Phi_{29}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
54501	1020	528	$\frac{1}{33}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{48}^3\ \Phi_{44}^2\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
54502	1020	957	$\frac{1}{33}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{16}{33}$	$\Phi_{957}\ \Phi_{319}\ \Phi_{87}\ \Phi_{33}^2\ \Phi_{29}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
54503	1020	132	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{132}^{10}\ \Phi_{66}^{10}\ \Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_{12}^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_2^{10}$
54504	1020	957	$\frac{1}{33}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{16}{33}$	$\Phi_{957}\ \Phi_{319}\ \Phi_{87}\ \Phi_{33}^2\ \Phi_{29}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
54505	1020	462	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{16}{33}$	$\Phi_{462}^3\ \Phi_{231}^2\ \Phi_{154}^3\ \Phi_{77}^2\ \Phi_{42}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^2$
54506	1020	1019	$\frac{31}{1019}$	$\frac{35}{1019}$	$\frac{492}{1019}$	$\frac{494}{1019}$	$\Phi_{1019}\ \Phi_1^2$
54507	1020	372	$\frac{1}{31}$	$\frac{8}{93}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{372}^4\ \Phi_{186}^4\ \Phi_{124}^3\ \Phi_{62}^3\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^2\ \Phi_2^2$
54508	1020	522	$\frac{1}{29}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{522}^2\ \Phi_{261}^2\ \Phi_{174}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{18}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
54509	1020	638	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{14}{29}$	$\Phi_{638}^2\ \Phi_{319}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{22}^4\ \Phi_{11}^2\ \Phi_2^4\ \Phi_1^4$
54510	1020	1019	$\frac{41}{1019}$	$\frac{53}{1019}$	$\frac{322}{1019}$	$\frac{489}{1019}$	$\Phi_{1019}\ \Phi_1^2$
54511	1020	368	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{368}^3\ \Phi_{184}^3\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
54512	1020	1019	$\frac{49}{1019}$	$\frac{89}{1019}$	$\frac{186}{1019}$	$\frac{485}{1019}$	$\Phi_{1019}\ \Phi_1^2$
54513	1020	1133	$\frac{5}{103}$	$\frac{1}{11}$	$\frac{18}{103}$	$\frac{49}{103}$	Φ_{1133}
54514	1020	1098	$\frac{3}{61}$	$\frac{1}{18}$	$\frac{16}{61}$	$\frac{29}{61}$	$\Phi_{1098}\ \Phi_{549}\ \Phi_{366}\ \Phi_{183}\ \Phi_{122}$
54515	1020	1134	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{77}{162}$	$\Phi_{1134}^2\ \Phi_{378}^2\ \Phi_{126}^2\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{14}^2$
54516	1020	1019	$\frac{51}{1019}$	$\frac{107}{1019}$	$\frac{152}{1019}$	$\frac{484}{1019}$	$\Phi_{1019}\ \Phi_1^2$
54517	1020	475	$\frac{1}{25}$	$\frac{1}{19}$	$\frac{8}{25}$	$\frac{9}{19}$	$\Phi_{475}^2\ \Phi_{95}^2\ \Phi_{25}^4\ \Phi_{19}^3\ \Phi_5^4\ \Phi_1^6$
54518	1020	684	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{684}^2\ \Phi_{342}\ \Phi_{228}^2\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{36}^4\ \Phi_{19}\ \Phi_{18}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
54519	1020	1045	$\frac{1}{19}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{1045}\ \Phi_{209}\ \Phi_{55}^2\ \Phi_{19}\ \Phi_{11}^2\ \Phi_1^2$
54520	1020	380	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{9}{19}$	$\Phi_{380}^3\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{76}^3\ \Phi_{38}^2\ \Phi_{20}^6\ \Phi_{19}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
54521	1020	133	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{7}$	$\frac{9}{19}$	$\Phi_{133}^9\ \Phi_7^8$
54522	1020	1230	$\frac{11}{205}$	$\frac{18}{205}$	$\frac{1}{6}$	$\frac{97}{205}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{410}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
54523	1020	1019	$\frac{55}{1019}$	$\frac{84}{1019}$	$\frac{179}{1019}$	$\frac{482}{1019}$	$\Phi_{1019}\ \Phi_1^2$
54524	1020	1364	$\frac{18}{341}$	$\frac{19}{341}$	$\frac{1}{4}$	$\frac{161}{341}$	$\Phi_{1364}\ \Phi_{682}\ \Phi_{124}\ \Phi_{62}\ \Phi_{44}\ \Phi_{22}$
54525	1020	1019	$\frac{50}{1019}$	$\frac{57}{1019}$	$\frac{269}{1019}$	$\frac{481}{1019}$	$\Phi_{1019}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
54526	1020	1533	$\frac{18}{511}$	$\frac{29}{511}$	$\frac{1}{3}$	$\frac{241}{511}$	$\Phi_{1533}\ \Phi_{219}\ \Phi_{21}$
54527	1020	2976	$\frac{1}{31}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{2976}\ \Phi_{93}$
54528	1020	1888	$\frac{2}{59}$	$\frac{1}{16}$	$\frac{19}{59}$	$\frac{15}{32}$	$\Phi_{1888}\ \Phi_{59}\ \Phi_{32}^2\ \Phi_1^2$
54529	1020	672	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{672}^3\ \Phi_{224}^3\ \Phi_{96}^3\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
54530	1020	1888	$\frac{3}{59}$	$\frac{1}{16}$	$\frac{14}{59}$	$\frac{15}{32}$	$\Phi_{1888}\ \Phi_{59}\ \Phi_{32}^2\ \Phi_1^2$
54531	1020	160	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{160}^{15}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
54532	1020	1888	$\frac{1}{16}$	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{15}{32}$	$\Phi_{1888}\ \Phi_{59}\ \Phi_{32}^2\ \Phi_1^2$
54533	1020	1248	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{1248}^2\ \Phi_{416}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
54534	1020	1888	$\frac{1}{16}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{15}{32}$	$\Phi_{1888}\ \Phi_{59}\ \Phi_{32}^2\ \Phi_1^2$
54535	1020	2464	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{2464}\ \Phi_{77}$
54536	1020	1019	$\frac{44}{1019}$	$\frac{65}{1019}$	$\frac{271}{1019}$	$\frac{477}{1019}$	$\Phi_{1019}\ \Phi_1^2$
54537	1020	1533	$\frac{16}{511}$	$\frac{33}{511}$	$\frac{1}{3}$	$\frac{239}{511}$	$\Phi_{1533}\ \Phi_{219}\ \Phi_{21}$
54538	1020	1019	$\frac{32}{1019}$	$\frac{69}{1019}$	$\frac{329}{1019}$	$\frac{475}{1019}$	$\Phi_{1019}\ \Phi_1^2$
54539	1020	420	$\frac{1}{35}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{420}^7\ \Phi_{105}\ \Phi_{84}^6\ \Phi_{60}^7\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}^6$
54540	1020	1876	$\frac{3}{67}$	$\frac{1}{14}$	$\frac{16}{67}$	$\frac{13}{28}$	$\Phi_{1876}\ \Phi_{268}\ \Phi_{67}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
54541	1020	1260	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{90}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
54542	1020	1098	$\frac{1}{18}$	$\frac{5}{61}$	$\frac{11}{61}$	$\frac{28}{61}$	$\Phi_{1098}\ \Phi_{549}\ \Phi_{366}\ \Phi_{183}\ \Phi_{122}$
54543	1020	957	$\frac{2}{87}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{957}\ \Phi_{319}\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{11}\ \Phi_1^2$
54544	1020	1386	$\frac{1}{42}$	$\frac{1}{11}$	$\frac{41}{126}$	$\frac{5}{11}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{198}\ \Phi_{126}^2\ \Phi_{99}\ \Phi_{63}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
54545	1020	88	$\frac{3}{88}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{88}^{12}\ \Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_{11}^{12}\ \Phi_8^{12}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{12}$
54546	1020	1232	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{27}{112}$	$\frac{5}{11}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{176}\ \Phi_{112}^2\ \Phi_{88}\ \Phi_{56}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
54547	1020	231	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{4}{21}$	$\frac{5}{11}$	$\Phi_{231}^4\ \Phi_{77}^4\ \Phi_{33}^4\ \Phi_{21}^8\ \Phi_{11}^5\ \Phi_7^8\ \Phi_3^8\ \Phi_1^{10}$
54548	1020	198	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{198}^5\ \Phi_{99}^5\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{18}^{10}\ \Phi_{11}^5\ \Phi_9^{10}\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
54549	1020	1001	$\frac{6}{91}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{1001}\ \Phi_{143}\ \Phi_{91}^2\ \Phi_{13}^2\ \Phi_{11}\ \Phi_1^2$
54550	1020	1078	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{98}$	$\frac{5}{11}$	$\Phi_{1078}\ \Phi_{539}\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{11}\ \Phi_1^2$
54551	1020	1056	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{96}$	$\frac{5}{11}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{96}^2\ \Phi_{88}\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2$ $\Phi_{11}\ \Phi_8^2\ \Phi_1^2$
54552	1020	1019	$\frac{49}{1019}$	$\frac{97}{1019}$	$\frac{186}{1019}$	$\frac{461}{1019}$	$\Phi_{1019}\ \Phi_1^2$
54553	1020	124	$\frac{1}{31}$	$\frac{3}{31}$	$\frac{1}{4}$	$\frac{14}{31}$	$\Phi_{124}^{11}\ \Phi_{62}^{11}\ \Phi_4^{10}\ \Phi_2^{10}$
54554	1020	468	$\frac{1}{52}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^3\ \Phi_{117}^2\ \Phi_{78}^3\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_{12}^3$ $\Phi_6^3\ \Phi_4^2\ \Phi_2^2$
54555	1020	909	$\frac{2}{101}$	$\frac{1}{9}$	$\frac{33}{101}$	$\frac{4}{9}$	$\Phi_{909}\ \Phi_{303}\ \Phi_{101}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
54556	1020	1260	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}^2\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}^2$ $\Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2$
54557	1020	909	$\frac{5}{101}$	$\frac{1}{9}$	$\frac{16}{101}$	$\frac{4}{9}$	$\Phi_{909}\ \Phi_{303}\ \Phi_{101}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
54558	1020	126	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{126}^{10}\ \Phi_{63}^9\ \Phi_{42}^{10}\ \Phi_{21}^9\ \Phi_{14}^{10}\ \Phi_7^8$
54559	1020	1064	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{1}{7}$	$\frac{67}{152}$	$\Phi_{1064}^2\ \Phi_{133}\ \Phi_{56}^2$
54560	1020	1830	$\frac{1}{61}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1830}\ \Phi_{610}\ \Phi_{366}\ \Phi_{183}\ \Phi_{122}$
54561	1020	930	$\frac{1}{31}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{930}^2\ \Phi_{310}^2\ \Phi_{186}^2\ \Phi_{155}\ \Phi_{62}^2$
54562	1020	1019	$\frac{17}{1019}$	$\frac{137}{1019}$	$\frac{334}{1019}$	$\frac{441}{1019}$	$\Phi_{1019}\ \Phi_1^2$
54563	1020	1019	$\frac{34}{1019}$	$\frac{137}{1019}$	$\frac{197}{1019}$	$\frac{441}{1019}$	$\Phi_{1019}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
54564	1020	2240	$\frac{1}{32}$	$\frac{31}{224}$	$\frac{1}{5}$	$\frac{193}{448}$	$\Phi_{2240}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
54565	1020	777	$\frac{4}{259}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{777}^2\ \Phi_{111}^2\ \Phi_{21}$
54566	1020	364	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{364}^3\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{52}^2\ \Phi_{28}^3\ \Phi_{26}^2\ \Phi_{14}^3\ \Phi_{13}^2\ \Phi_4^2\ \Phi_2^2$
54567	1020	651	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{651}^2\ \Phi_{217}\ \Phi_{93}^2$
54568	1020	1098	$\frac{1}{18}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{26}{61}$	$\Phi_{1098}\ \Phi_{549}\ \Phi_{366}\ \Phi_{183}\ \Phi_{122}$
54569	1020	1019	$\frac{53}{1019}$	$\frac{118}{1019}$	$\frac{161}{1019}$	$\frac{429}{1019}$	$\Phi_{1019}\ \Phi_1^2$
54570	1020	1230	$\frac{7}{205}$	$\frac{33}{205}$	$\frac{1}{6}$	$\frac{86}{205}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{410}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
54571	1020	1085	$\frac{1}{35}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{1085}\ \Phi_{217}\ \Phi_{155}$
54572	1020	438	$\frac{1}{73}$	$\frac{12}{73}$	$\frac{1}{3}$	$\frac{61}{146}$	$\Phi_{438}^6\ \Phi_{219}\ \Phi_6^6$
54573	1020	1464	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1464}\ \Phi_{488}\ \Phi_{366}\ \Phi_{183}\ \Phi_{122}$
54574	1020	1019	$\frac{35}{1019}$	$\frac{164}{1019}$	$\frac{171}{1019}$	$\frac{424}{1019}$	$\Phi_{1019}\ \Phi_1^2$
54575	1020	1098	$\frac{1}{18}$	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{25}{61}$	$\Phi_{1098}\ \Phi_{549}\ \Phi_{366}\ \Phi_{183}\ \Phi_{122}$
54576	1020	1019	$\frac{54}{1019}$	$\frac{101}{1019}$	$\frac{193}{1019}$	$\frac{413}{1019}$	$\Phi_{1019}\ \Phi_1^2$
54577	1020	399	$\frac{2}{57}$	$\frac{1}{7}$	$\frac{11}{57}$	$\frac{23}{57}$	$\Phi_{399}^3\ \Phi_{133}^3\ \Phi_{21}^3\ \Phi_7^2$
54578	1020	1019	$\frac{24}{1019}$	$\frac{199}{1019}$	$\frac{203}{1019}$	$\frac{410}{1019}$	$\Phi_{1019}\ \Phi_1^2$
54579	1020	1364	$\frac{6}{341}$	$\frac{67}{341}$	$\frac{1}{4}$	$\frac{137}{341}$	$\Phi_{1364}\ \Phi_{682}\ \Phi_{124}\ \Phi_{62}\ \Phi_{44}\ \Phi_{22}$
54580	1020	1019	$\frac{14}{1019}$	$\frac{201}{1019}$	$\frac{305}{1019}$	$\frac{409}{1019}$	$\Phi_{1019}\ \Phi_1^2$
54581	1020	1533	$\frac{6}{511}$	$\frac{101}{511}$	$\frac{1}{3}$	$\frac{205}{511}$	$\Phi_{1533}\ \Phi_{219}\ \Phi_{21}$
54582	1020	1290	$\frac{1}{86}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{258}^2\ \Phi_{129}^2\ \Phi_{30}\ \Phi_6^2$
54583	1020	845	$\frac{4}{169}$	$\frac{33}{169}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{845}\ \Phi_{169}^2\ \Phi_{65}\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
54584	1020	210	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^6\ \Phi_{42}^6\ \Phi_{30}^5\ \Phi_{21}^6\ \Phi_{15}^5\ \Phi_{14}^6\ \Phi_{10}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
54585	1020	620	$\frac{1}{31}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{620}^2\ \Phi_{310}^2\ \Phi_{155}\ \Phi_{124}^2\ \Phi_{62}^2$
54586	1020	845	$\frac{9}{169}$	$\frac{16}{169}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{845}\ \Phi_{169}^2\ \Phi_{65}\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
54587	1020	990	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2$
54588	1020	455	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{455}^2\ \Phi_{91}^4\ \Phi_{65}\ \Phi_{35}^2\ \Phi_{13}^2\ \Phi_7^4\ \Phi_5^2\ \Phi_1^4$
54589	1020	868	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{868}^2\ \Phi_{217}\ \Phi_{124}^2$
54590	1020	1118	$\frac{1}{86}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1118}\ \Phi_{559}\ \Phi_{26}$
54591	1020	246	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{10}{41}$	$\frac{31}{82}$	$\Phi_{246}^5\ \Phi_{123}^5\ \Phi_{82}\ \Phi_{41}^4\ \Phi_6^4\ \Phi_3^4\ \Phi_1^4$
54592	1020	2472	$\frac{1}{103}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2472}\ \Phi_{309}$
54593	1020	1624	$\frac{2}{203}$	$\frac{1}{4}$	$\frac{67}{203}$	$\frac{3}{8}$	$\Phi_{1624}\ \Phi_{232}\ \Phi_{203}\ \Phi_{56}\ \Phi_{29}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
54594	1020	552	$\frac{1}{69}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{552}^3\ \Phi_{276}\ \Phi_{184}^3\ \Phi_{138}\ \Phi_{92}\ \Phi_{46}\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
54595	1020	1624	$\frac{3}{203}$	$\frac{50}{203}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1624}\ \Phi_{232}\ \Phi_{203}\ \Phi_{56}\ \Phi_{29}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
54596	1020	520	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}^4\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
54597	1020	1624	$\frac{5}{203}$	$\frac{33}{203}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1624}\ \Phi_{232}\ \Phi_{203}\ \Phi_{56}\ \Phi_{29}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
54598	1020	280	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^6\ \Phi_{56}^5\ \Phi_{40}^6\ \Phi_{35}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_5^6\ \Phi_1^6$
54599	1020	232	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{232}^7\ \Phi_{58}^4\ \Phi_{29}^3\ \Phi_8^8\ \Phi_2^4\ \Phi_1^4$
54600	1020	168	$\frac{1}{21}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^6\ \Phi_{84}^7\ \Phi_{56}^5\ \Phi_{42}^7\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{12}^7\ \Phi_8^6\ \Phi_7^5\ \Phi_6^7\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
54601	1020	1624	$\frac{11}{203}$	$\frac{16}{203}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1624}\ \Phi_{232}\ \Phi_{203}\ \Phi_{56}\ \Phi_{29}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
54602	1020	936	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{936}^2\ \Phi_{312}^2\ \Phi_{234}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
54603	1020	1019	$\frac{19}{1019}$	$\frac{200}{1019}$	$\frac{273}{1019}$	$\frac{373}{1019}$	$\Phi_{1019}\ \Phi_1^2$
54604	1020	1085	$\frac{1}{35}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{1085}\ \Phi_{217}\ \Phi_{155}$
54605	1020	1019	$\frac{39}{1019}$	$\frac{98}{1019}$	$\frac{307}{1019}$	$\frac{356}{1019}$	$\Phi_{1019}\ \Phi_1^2$
54606	1020	546	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{546}^3\ \Phi_{273}\ \Phi_{182}^3\ \Phi_{91}\ \Phi_{78}^3\ \Phi_{42}^3\ \Phi_{39}\ \Phi_{14}^3\ \Phi_6^3$
54607	1020	1098	$\frac{1}{18}$	$\frac{4}{61}$	$\frac{19}{61}$	$\frac{21}{61}$	$\Phi_{1098}\ \Phi_{549}\ \Phi_{366}\ \Phi_{183}\ \Phi_{122}$
54608	1020	1019	$\frac{56}{1019}$	$\frac{67}{1019}$	$\frac{321}{1019}$	$\frac{349}{1019}$	$\Phi_{1019}\ \Phi_1^2$
54609	1020	1133	$\frac{4}{103}$	$\frac{1}{11}$	$\frac{33}{103}$	$\frac{35}{103}$	Φ_{1133}
54610	1020	1019	$\frac{26}{1019}$	$\frac{135}{1019}$	$\frac{331}{1019}$	$\frac{344}{1019}$	$\Phi_{1019}\ \Phi_1^2$
54611	1020	1230	$\frac{4}{205}$	$\frac{1}{6}$	$\frac{67}{205}$	$\frac{69}{205}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{410}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
54612	1020	640	$\frac{1}{64}$	$\frac{1}{5}$	$\frac{21}{64}$	$\frac{43}{128}$	$\Phi_{640}^3\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
54613	1020	1019	$\frac{8}{1019}$	$\frac{337}{1019}$	$\frac{339}{1019}$	$\frac{341}{1019}$	$\Phi_{1019}\ \Phi_1^2$
54614	1020	1533	$\frac{4}{511}$	$\frac{169}{511}$	$\frac{1}{3}$	$\frac{171}{511}$	$\Phi_{1533}\ \Phi_{219}\ \Phi_{21}$
54615	1020	381	$\frac{1}{127}$	$\frac{42}{127}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{381}^2\ \Phi_{127}^4\ \Phi_3^3\ \Phi_1^6$
54616	1020	516	$\frac{1}{86}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{516}^2\ \Phi_{258}\ \Phi_{172}^4\ \Phi_{129}\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
54617	1020	381	$\frac{2}{127}$	$\frac{25}{127}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{381}^2\ \Phi_{127}^4\ \Phi_3^3\ \Phi_1^6$
54618	1020	156	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{156}^7\ \Phi_{78}^7\ \Phi_{52}^6\ \Phi_{39}^7\ \Phi_{26}^6\ \Phi_{13}^6\ \Phi_{12}^7\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
54619	1020	609	$\frac{2}{87}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{609}^2\ \Phi_{203}^2\ \Phi_{21}$
54620	1020	381	$\frac{7}{127}$	$\frac{8}{127}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{381}^2\ \Phi_{127}^4\ \Phi_3^3\ \Phi_1^6$
54621	1020	144	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{144}^8\ \Phi_{72}^8\ \Phi_{48}^7\ \Phi_{36}^8\ \Phi_{24}^7\ \Phi_{18}^4\ \Phi_{16}^6\ \Phi_{12}^7\ \Phi_9^4\ \Phi_8^6\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
54622	1020	219	$\frac{1}{73}$	$\frac{49}{219}$	$\frac{24}{73}$	$\frac{1}{3}$	$\Phi_{219}^4\ \Phi_{73}^6\ \Phi_3^3\ \Phi_1^6$
54623	1020	606	$\frac{2}{101}$	$\frac{1}{6}$	$\frac{33}{101}$	$\frac{1}{3}$	$\Phi_{606}^2\ \Phi_{303}\ \Phi_{202}^2\ \Phi_{101}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
54624	1020	126	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{41}{126}$	$\frac{1}{3}$	$\Phi_{126}^{12}\ \Phi_{63}^{12}\ \Phi_{21}\ \Phi_{18}^{12}\ \Phi_9^{12}$
54625	1020	1533	$\frac{13}{511}$	$\frac{69}{511}$	$\frac{166}{511}$	$\frac{1}{3}$	$\Phi_{1533}\ \Phi_{219}\ \Phi_{21}$
54626	1020	825	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{825}^2\ \Phi_{165}^2\ \Phi_{33}^3$
54627	1020	219	$\frac{4}{73}$	$\frac{5}{73}$	$\frac{23}{73}$	$\frac{1}{3}$	$\Phi_{219}^7\ \Phi_3^6$
54628	1020	1584	$\frac{2}{33}$	$\frac{1}{16}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
54629	1020	522	$\frac{1}{18}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{522}^2\ \Phi_{261}^2\ \Phi_{174}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{18}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
54630	1020	219	$\frac{3}{73}$	$\frac{7}{73}$	$\frac{22}{73}$	$\frac{1}{3}$	$\Phi_{219}^7\ \Phi_3^6$
54631	1020	744	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{744}\ \Phi_{372}\ \Phi_{248}^2\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{31}^2$
54632	1020	105	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{105}^{15}\ \Phi_{21}^{13}\ \Phi_{15}^{15}\ \Phi_3^{12}$
54633	1020	957	$\frac{2}{87}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{957}\ \Phi_{319}\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{11}\ \Phi_1^2$
54634	1020	1533	$\frac{11}{511}$	$\frac{100}{511}$	$\frac{137}{511}$	$\frac{1}{3}$	$\Phi_{1533}\ \Phi_{219}\ \Phi_{21}$
54635	1020	1404	$\frac{1}{52}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{156}\ \Phi_{108}\ \Phi_{78}\ \Phi_{54}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
54636	1020	1740	$\frac{2}{87}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{290}\ \Phi_{20}\ \Phi_{10}$
54637	1020	2028	$\frac{4}{169}$	$\frac{33}{169}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{156}\ \Phi_{78}\ \Phi_{12}^2\ \Phi_6^2$
54638	1020	420	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}\ \Phi_{140}^4\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2$
54639	1020	1860	$\frac{1}{31}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{465}\ \Phi_{93}$
54640	1020	1848	$\frac{3}{88}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{231}\ \Phi_{168}\ \Phi_{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
54641	1020	2028	$\frac{9}{169}$	$\frac{16}{169}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{156}\ \Phi_{78}\ \Phi_{12}^2\ \Phi_6^2$
54642	1020	396	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^4\ \Phi_{198}^2\ \Phi_{132}^3\ \Phi_{99}^2\ \Phi_{66}\ \Phi_{44}^4\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2$
54643	1020	1092	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{156}\ \Phi_{84}^2\ \Phi_{78}\ \Phi_{42}^2\ \Phi_{12}^2\ \Phi_6^2$
54644	1020	336	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{27}{112}$	$\frac{1}{3}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{48}^6\ \Phi_{24}^6\ \Phi_{21}$
54645	1020	528	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{132}^3\ \Phi_{66}\ \Phi_{48}^4\ \Phi_{33}^2\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
54646	1020	798	$\frac{11}{266}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{21}$
54647	1020	165	$\frac{4}{55}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{165}^9\ \Phi_{33}^{10}\ \Phi_{15}^{10}\ \Phi_3^{10}$
54648	1020	21	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{1}{3}$	$\Phi_{21}^{49}\ \Phi_7^{48}\ \Phi_3^{48}\ \Phi_1^{48}$
54649	1020	1533	$\frac{26}{511}$	$\frac{69}{511}$	$\frac{97}{511}$	$\frac{1}{3}$	$\Phi_{1533}\ \Phi_{219}\ \Phi_{21}$
54650	1020	522	$\frac{1}{18}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{522}^2\ \Phi_{261}^2\ \Phi_{174}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{18}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
54651	1020	1533	$\frac{25}{511}$	$\frac{81}{511}$	$\frac{86}{511}$	$\frac{1}{3}$	$\Phi_{1533}\ \Phi_{219}\ \Phi_{21}$
54652	1020	606	$\frac{5}{101}$	$\frac{16}{101}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{606}^2\ \Phi_{303}\ \Phi_{202}^2\ \Phi_{101}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
54653	1020	126	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{126}^{10}\ \Phi_{63}^{10}\ \Phi_{42}^8\ \Phi_{21}^9\ \Phi_{14}^8\ \Phi_7^8$
54654	1020	660	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{3}$	$\Phi_{660}^3\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{132}^3\ \Phi_{66}^2\ \Phi_{33}^3$
54655	1020	273	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{273}^6\ \Phi_{39}^6\ \Phi_{21}$
54656	1020	294	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{294}^6\ \Phi_{147}^6\ \Phi_{21}$
54657	1020	672	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{21}$
54658	1020	168	$\frac{5}{56}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{168}^{10}\ \Phi_{84}^8\ \Phi_{42}^8\ \Phi_{24}^{10}\ \Phi_{21}^9\ \Phi_{12}^8\ \Phi_6^8\ \Phi_3^8$
54659	1020	189	$\frac{2}{21}$	$\frac{19}{189}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{189}^6\ \Phi_{63}^6\ \Phi_{27}^6\ \Phi_{21}\ \Phi_9^6$
54660	1020	1386	$\frac{1}{42}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{41}{126}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{198}\ \Phi_{126}^2\ \Phi_{99}\ \Phi_{63}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
54661	1020	1260	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{41}{126}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{315}\ \Phi_{180}^2\ \Phi_{90}\ \Phi_{45}\ \Phi_{20}\ \Phi_{10}$
54662	1020	1416	$\frac{2}{59}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{19}{59}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{354}\ \Phi_{177}\ \Phi_{59}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
54663	1020	1180	$\frac{2}{59}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{19}{59}$	$\Phi_{1180}\ \Phi_{590}\ \Phi_{295}\ \Phi_{59}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
54664	1020	475	$\frac{1}{25}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{8}{25}$	$\Phi_{475}^2\ \Phi_{95}^2\ \Phi_{25}^4\ \Phi_{19}^3\ \Phi_5^4\ \Phi_1^6$
54665	1020	150	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{8}{25}$	$\Phi_{150}^8\ \Phi_{75}^8\ \Phi_{50}^8\ \Phi_{30}^9\ \Phi_{15}^9\ \Phi_{10}^9\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8$
54666	1020	1019	$\frac{47}{1019}$	$\frac{139}{1019}$	$\frac{220}{1019}$	$\frac{324}{1019}$	$\Phi_{1019}\ \Phi_1^2$
54667	1020	246	$\frac{2}{41}$	$\frac{1}{6}$	$\frac{7}{41}$	$\frac{13}{41}$	$\Phi_{246}^5\ \Phi_{123}^5\ \Phi_{82}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
54668	1020	1019	$\frac{50}{1019}$	$\frac{169}{1019}$	$\frac{174}{1019}$	$\frac{323}{1019}$	$\Phi_{1019}\ \Phi_1^2$
54669	1020	1280	$\frac{13}{256}$	$\frac{35}{256}$	$\frac{1}{5}$	$\frac{81}{256}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
54670	1020	396	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{31}{99}$	$\Phi_{396}^5\ \Phi_{198}^5\ \Phi_{44}\ \Phi_{36}^5\ \Phi_{22}\ \Phi_{18}^5$
54671	1020	480	$\frac{1}{16}$	$\frac{11}{96}$	$\frac{1}{5}$	$\frac{5}{16}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{80}\ \Phi_{60}^3\ \Phi_{40}\ \Phi_{30}^3\ \Phi_{20}\ \Phi_{15}^3\ \Phi_{10}$
54672	1020	638	$\frac{2}{29}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{9}{29}$	$\Phi_{638}^2\ \Phi_{319}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{22}^4\ \Phi_{11}^2\ \Phi_2^4\ \Phi_1^4$
54673	1020	1452	$\frac{23}{363}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{484}\ \Phi_{242}\ \Phi_{44}\ \Phi_{22}$
54674	1020	1701	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{73}{243}$	$\Phi_{1701}\ \Phi_{63}\ \Phi_{21}$
54675	1020	189	$\frac{19}{189}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{27}$	$\Phi_{189}^5\ \Phi_{63}^6\ \Phi_{27}^6\ \Phi_{21}^6\ \Phi_9^6\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
54676	1020	168	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{168}^6\ \Phi_{84}^7\ \Phi_{56}^6\ \Phi_{42}^7\ \Phi_{28}^7\ \Phi_{24}^3\ \Phi_{21}^6\ \Phi_{14}^7\ \Phi_{12}^4\ \Phi_8^6\ \Phi_7^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
54677	1020	1416	$\frac{3}{59}$	$\frac{1}{8}$	$\frac{14}{59}$	$\frac{7}{24}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{354}\ \Phi_{177}\ \Phi_{59}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
54678	1020	240	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{240}^8\ \Phi_{120}^7\ \Phi_{80}\ \Phi_{60}^7\ \Phi_{40}\ \Phi_{30}^7\ \Phi_{20}\ \Phi_{15}^7\ \Phi_{10}$
54679	1020	1416	$\frac{4}{59}$	$\frac{1}{8}$	$\frac{11}{59}$	$\frac{7}{24}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{354}\ \Phi_{177}\ \Phi_{59}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
54680	1020	312	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{104}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^4\ \Phi_{26}^5\ \Phi_{13}^4$
54681	1020	1416	$\frac{5}{59}$	$\frac{1}{8}$	$\frac{9}{59}$	$\frac{7}{24}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{354}\ \Phi_{177}\ \Phi_{59}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
54682	1020	1848	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{231}\ \Phi_{77}$
54683	1020	469	$\frac{3}{67}$	$\frac{1}{7}$	$\frac{16}{67}$	$\frac{2}{7}$	$\Phi_{469}^2\ \Phi_{67}^3\ \Phi_{7}^4\ \Phi_{1}^6$
54684	1020	630	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{90}^3\ \Phi_{70}^2\ \Phi_{45}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^3$
54685	1020	1019	$\frac{43}{1019}$	$\frac{155}{1019}$	$\frac{244}{1019}$	$\frac{288}{1019}$	$\Phi_{1019}\ \Phi_{1}^2$
54686	1020	1098	$\frac{1}{18}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	$\Phi_{1098}\ \Phi_{549}\ \Phi_{366}\ \Phi_{183}\ \Phi_{122}$
54687	1020	88	$\frac{3}{88}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{88}^{12}\ \Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_{11}^{12}\ \Phi_{8}^{12}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
54688	1020	1232	$\frac{1}{28}$	$\frac{2}{11}$	$\frac{27}{112}$	$\frac{3}{11}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{176}\ \Phi_{112}^2\ \Phi_{88}\ \Phi_{56}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_{8}^2\ \Phi_{1}^2$
54689	1020	231	$\frac{1}{21}$	$\frac{2}{11}$	$\frac{4}{21}$	$\frac{3}{11}$	$\Phi_{231}^4\ \Phi_{77}^4\ \Phi_{33}^4\ \Phi_{21}^8\ \Phi_{11}^5\ \Phi_{7}^8\ \Phi_{3}^8\ \Phi_{1}^{10}$
54690	1020	198	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{198}^5\ \Phi_{99}^5\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{18}^{10}\ \Phi_{11}^5\ \Phi_{9}^{10}\ \Phi_{6}^8\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^{10}$
54691	1020	1001	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1001}\ \Phi_{143}\ \Phi_{91}^2\ \Phi_{13}^2\ \Phi_{11}\ \Phi_{1}^2$
54692	1020	1078	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1078}\ \Phi_{539}\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{11}\ \Phi_{1}^2$
54693	1020	1056	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{96}^2\ \Phi_{88}\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_{8}^2\ \Phi_{1}^2$
54694	1020	1019	$\frac{49}{1019}$	$\frac{186}{1019}$	$\frac{194}{1019}$	$\frac{275}{1019}$	$\Phi_{1019}\ \Phi_{1}^2$
54695	1020	1280	$\frac{11}{256}$	$\frac{49}{256}$	$\frac{1}{5}$	$\frac{69}{256}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
54696	1020	372	$\frac{1}{31}$	$\frac{6}{31}$	$\frac{1}{4}$	$\frac{25}{93}$	$\Phi_{372}^5\ \Phi_{186}^5\ \Phi_{124}\ \Phi_{62}\ \Phi_{12}^5\ \Phi_{6}^5$
54697	1020	1395	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{1395}\ \Phi_{279}\ \Phi_{155}$
54698	1020	1019	$\frac{44}{1019}$	$\frac{195}{1019}$	$\frac{206}{1019}$	$\frac{271}{1019}$	$\Phi_{1019}\ \Phi_{1}^2$
54699	1020	1098	$\frac{1}{18}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{1098}\ \Phi_{549}\ \Phi_{366}\ \Phi_{183}\ \Phi_{122}$
54700	1020	798	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{9}{38}$	$\frac{29}{114}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{133}\ \Phi_{42}^2\ \Phi_{21}^2$
54701	1020	1019	$\frac{51}{1019}$	$\frac{152}{1019}$	$\frac{242}{1019}$	$\frac{259}{1019}$	$\Phi_{1019}\ \Phi_{1}^2$
54702	1020	1230	$\frac{9}{205}$	$\frac{1}{6}$	$\frac{49}{205}$	$\frac{52}{205}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{410}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
54703	1020	440	$\frac{3}{88}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{55}^3\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
54704	1020	420	$\frac{1}{21}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{42}\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}\ \Phi_{15}^3\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
54705	1020	560	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{27}{112}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
54706	1020	804	$\frac{3}{67}$	$\frac{1}{6}$	$\frac{16}{67}$	$\frac{1}{4}$	$\Phi_{804}^2\ \Phi_{402}\ \Phi_{268}\ \Phi_{201}\ \Phi_{67}\ \Phi_{12}^4\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
54707	1020	1364	$\frac{17}{341}$	$\frac{52}{341}$	$\frac{81}{341}$	$\frac{1}{4}$	$\Phi_{1364}\ \Phi_{682}\ \Phi_{124}\ \Phi_{62}\ \Phi_{44}\ \Phi_{22}$
54708	1020	1180	$\frac{3}{59}$	$\frac{3}{20}$	$\frac{14}{59}$	$\frac{1}{4}$	$\Phi_{1180}\ \Phi_{590}\ \Phi_{295}\ \Phi_{59}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{1}^2$
54709	1020	44	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{44}^{31}\ \Phi_{22}^{11}\ \Phi_{11}^{20}\ \Phi_{4}^{30}\ \Phi_{2}^{10}\ \Phi_{1}^{20}$
54710	1020	372	$\frac{8}{93}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{4}$	$\Phi_{372}^4\ \Phi_{186}^4\ \Phi_{124}^3\ \Phi_{62}^3\ \Phi_{12}^4\ \Phi_{6}^4\ \Phi_{4}^2\ \Phi_{2}^2$
54711	1020	684	$\frac{1}{18}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{684}^2\ \Phi_{342}\ \Phi_{228}^2\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{36}^4\ \Phi_{19}\ \Phi_{18}^2\ \Phi_{12}^4\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
54712	1020	1344	$\frac{1}{21}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
54713	1020	1364	$\frac{16}{341}$	$\frac{65}{341}$	$\frac{69}{341}$	$\frac{1}{4}$	$\Phi_{1364}\ \Phi_{682}\ \Phi_{124}\ \Phi_{62}\ \Phi_{44}\ \Phi_{22}$
54714	1020	420	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{30}^4\ \Phi_{20}^5\ \Phi_{10}^5$
54715	1020	180	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^{10}\ \Phi_{90}^5\ \Phi_{60}^8\ \Phi_{45}^5\ \Phi_{30}^4\ \Phi_{20}^9\ \Phi_{15}^4\ \Phi_{10}^5\ \Phi_{5}^4$
54716	1020	80	$\frac{1}{16}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{80}^{13}\ \Phi_{40}^{13}\ \Phi_{20}^{10}\ \Phi_{16}^{16}\ \Phi_{10}^{10}\ \Phi_{8}^{16}\ \Phi_{5}^{9}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
54717	1020	1820	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{260}\ \Phi_{130}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
54718	1020	980	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{980}^2\ \Phi_{490}\ \Phi_{245}\ \Phi_{20}\ \Phi_{10}$
54719	1020	480	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
54720	1020	280	$\frac{5}{56}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{280}^5\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{40}^5\ \Phi_{35}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^4$
54721	1020	1180	$\frac{4}{59}$	$\frac{3}{20}$	$\frac{11}{59}$	$\frac{1}{4}$	$\Phi_{1180}\ \Phi_{590}\ \Phi_{295}\ \Phi_{59}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
54722	1020	308	$\frac{1}{11}$	$\frac{9}{77}$	$\frac{2}{11}$	$\frac{1}{4}$	$\Phi_{308}^5\ \Phi_{154}^5\ \Phi_{44}\ \Phi_{28}^5\ \Phi_{22}\ \Phi_{14}^5$
54723	1020	780	$\frac{1}{13}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}\ \Phi_{195}^2\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}$
54724	1020	1180	$\frac{5}{59}$	$\frac{3}{20}$	$\frac{9}{59}$	$\frac{1}{4}$	$\Phi_{1180}\ \Phi_{590}\ \Phi_{295}\ \Phi_{59}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
54725	1020	396	$\frac{1}{11}$	$\frac{14}{99}$	$\frac{5}{33}$	$\frac{1}{4}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^3\ \Phi_{36}^4\ \Phi_{22}^3\ \Phi_{18}^4\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
54726	1020	1540	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{77}$
54727	1020	638	$\frac{1}{11}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{5}{22}$	$\Phi_{638}^2\ \Phi_{319}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{22}^4\ \Phi_{11}^2\ \Phi_2^4\ \Phi_1^4$
54728	1020	462	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{22}$	$\Phi_{462}^3\ \Phi_{231}^3\ \Phi_{154}\ \Phi_{77}^2\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{14}^2\ \Phi_7^2$
54729	1020	756	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{27}$	$\frac{23}{108}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2$
54730	1020	1045	$\frac{4}{55}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{1045}\ \Phi_{209}\ \Phi_{55}^2\ \Phi_{19}\ \Phi_{11}^2\ \Phi_1^2$
54731	1020	380	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{380}^3\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{76}^3\ \Phi_{38}^2\ \Phi_{20}^6\ \Phi_{19}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
54732	1020	320	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{13}{64}$	$\Phi_{320}^5\ \Phi_{160}^5\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
54733	1020	330	$\frac{4}{55}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_{30}\ \Phi_{22}^4\ \Phi_{15}\ \Phi_{10}$
54734	1020	750	$\frac{2}{25}$	$\frac{1}{6}$	$\frac{23}{125}$	$\frac{1}{5}$	$\Phi_{750}^2\ \Phi_{375}^2\ \Phi_{250}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
54735	1020	150	$\frac{7}{75}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{150}^8\ \Phi_{75}^5\ \Phi_{50}^8\ \Phi_{30}^9\ \Phi_{25}^6\ \Phi_{15}^6\ \Phi_{10}^9\ \Phi_6^8\ \Phi_5^6\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
54736	1020	60	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{60}^{24}\ \Phi_{30}^{17}\ \Phi_{20}^{12}\ \Phi_{15}^{17}\ \Phi_{12}^{24}\ \Phi_{10}^9\ \Phi_6^{16}\ \Phi_5^8\ \Phi_4^{12}\ \Phi_3^{16}\ \Phi_2^8\ \Phi_1^8$
54737	1020	246	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{6}$	$\frac{7}{41}$	$\Phi_{246}^5\ \Phi_{123}^5\ \Phi_{82}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
54738	1021	1632	$\frac{1}{204}$	$\frac{205}{816}$	$\frac{611}{1632}$	$\frac{203}{408}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{408}\ \Phi_{136}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
54739	1021	2032	$\frac{5}{1016}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1011}{2032}$	$\Phi_{2032}\ \Phi_{16}\ \Phi_8\ \Phi_1$
54740	1021	2016	$\frac{13}{1008}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{995}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
54741	1021	2016	$\frac{13}{1008}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{995}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
54742	1021	2016	$\frac{13}{1008}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{995}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
54743	1021	1368	$\frac{5}{342}$	$\frac{1}{6}$	$\frac{347}{1368}$	$\frac{337}{684}$	$\Phi_{1368}\ \Phi_{456}\ \Phi_{342}\ \Phi_{171}\ \Phi_{152}\ \Phi_{114}\ \Phi_{72}\ \Phi_{57}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
54744	1021	1904	$\frac{1}{68}$	$\frac{69}{952}$	$\frac{883}{1904}$	$\frac{67}{136}$	$\Phi_{1904}\ \Phi_{272}\ \Phi_{136}\ \Phi_{112}\ \Phi_{16}\ \Phi_8\ \Phi_1$
54745	1021	1920	$\frac{1}{60}$	$\frac{61}{960}$	$\frac{899}{1920}$	$\frac{59}{120}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_8\ \Phi_1$
54746	1021	1440	$\frac{1}{60}$	$\frac{61}{480}$	$\frac{419}{1440}$	$\frac{59}{120}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
54747	1021	1200	$\frac{1}{60}$	$\frac{179}{1200}$	$\frac{61}{240}$	$\frac{59}{120}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_8\ \Phi_1$
54748	1021	1230	$\frac{4}{205}$	$\frac{209}{1230}$	$\frac{1}{5}$	$\frac{201}{410}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{246}\ \Phi_{205}\ \Phi_{123}\ \Phi_{41}\ \Phi_{30}\ \Phi_{15}\ \Phi_6\ \Phi_3\ \Phi_1$
54749	1021	2000	$\frac{21}{1000}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{979}{2000}$	$\Phi_{2000}\ \Phi_{400}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_8\ \Phi_1$
54750	1021	2000	$\frac{21}{1000}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{979}{2000}$	$\Phi_{2000}\ \Phi_{400}\ \Phi_{80}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
54751	1021	1116	$\frac{2}{93}$	$\frac{95}{1116}$	$\frac{1}{3}$	$\frac{91}{186}$	$\Phi_{1116}\ \Phi_{558}\ \Phi_{372}\ \Phi_{279}\ \Phi_{124}\ \Phi_{93}\ \Phi_{36}\ \Phi_{31}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
54752	1021	1984	$\frac{29}{992}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{963}{1984}$	$\Phi_{1984}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
54753	1021	1980	$\frac{31}{990}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{959}{1980}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{132}\ \Phi_{60}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{20}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
54754	1021	1980	$\frac{31}{990}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{959}{1980}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{132}\ \Phi_{60}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
54755	1021	1380	$\frac{14}{345}$	$\frac{1}{15}$	$\frac{359}{1380}$	$\frac{331}{690}$	Φ_{1380} Φ_{460} Φ_{345} Φ_{276} Φ_{115} Φ_{92} Φ_{69} Φ_{60} Φ_{23} Φ_{20} Φ_{12} Φ_4 Φ_1
54756	1021	1140	$\frac{5}{114}$	$\frac{119}{1140}$	$\frac{1}{6}$	$\frac{109}{228}$	Φ_{1140} Φ_{570} Φ_{380} Φ_{285} Φ_{190} Φ_{114} Φ_{95} Φ_{60} Φ_{57} Φ_{38} Φ_{30} Φ_{20} Φ_{19} Φ_{15} Φ_{10} Φ_5 Φ_1
54757	1021	1200	$\frac{1}{20}$	$\frac{21}{200}$	$\frac{179}{1200}$	$\frac{19}{40}$	Φ_{1200} Φ_{600} Φ_{400} Φ_{300} Φ_{240} Φ_{150} Φ_{120} Φ_{80} Φ_{75} Φ_{60} Φ_{48} Φ_{40} Φ_{30} Φ_{24} Φ_{16} Φ_{15} Φ_{12} Φ_8 Φ_6 Φ_3 Φ_1
54758	1021	1944	$\frac{49}{972}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{923}{1944}$	Φ_{1944} Φ_{648} Φ_{216} Φ_{72} Φ_{54} Φ_{27} Φ_{24} Φ_{18} Φ_9 Φ_8 Φ_1
54759	1021	1056	$\frac{35}{1056}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	Φ_{1056} Φ_{528} Φ_{352} Φ_{264} Φ_{176} Φ_{132} Φ_{96} Φ_{88} Φ_{48} Φ_{44} Φ_{33} Φ_{32} Φ_{24} Φ_{16} Φ_{12} Φ_{11} Φ_8 Φ_4 Φ_1
54760	1021	1920	$\frac{3}{64}$	$\frac{61}{960}$	$\frac{1}{4}$	$\frac{899}{1920}$	Φ_{1920} Φ_{640} Φ_{384} Φ_{128} Φ_{64} Φ_{32} Φ_{16} Φ_8 Φ_1
54761	1021	1920	$\frac{1}{20}$	$\frac{61}{960}$	$\frac{19}{80}$	$\frac{899}{1920}$	Φ_{1920} Φ_{640} Φ_{384} Φ_{128} Φ_{80} Φ_{40} Φ_{16} Φ_8 Φ_1
54762	1021	1512	$\frac{13}{504}$	$\frac{1}{12}$	$\frac{491}{1512}$	$\frac{11}{24}$	Φ_{1512} Φ_{756} Φ_{378} Φ_{216} Φ_{189} Φ_{108} Φ_{54} Φ_{27} Φ_{24} Φ_8 Φ_1
54763	1021	1056	$\frac{35}{1056}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	Φ_{1056} Φ_{528} Φ_{352} Φ_{264} Φ_{176} Φ_{132} Φ_{96} Φ_{88} Φ_{66} Φ_{44} Φ_{33} Φ_{32} Φ_{24} Φ_{22} Φ_{11} Φ_8 Φ_1
54764	1021	1344	$\frac{13}{336}$	$\frac{1}{12}$	$\frac{323}{1344}$	$\frac{11}{24}$	Φ_{1344} Φ_{672} Φ_{448} Φ_{224} Φ_{192} Φ_{96} Φ_{64} Φ_{32} Φ_{24} Φ_8 Φ_1
54765	1021	1080	$\frac{59}{1080}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	Φ_{1080} Φ_{540} Φ_{360} Φ_{270} Φ_{216} Φ_{180} Φ_{135} Φ_{120} Φ_{108} Φ_{90} Φ_{60} Φ_{54} Φ_{45} Φ_{40} Φ_{30} Φ_{27} Φ_{24} Φ_{20} Φ_{15} Φ_{10} Φ_8 Φ_5 Φ_1
54766	1021	1176	$\frac{13}{168}$	$\frac{1}{12}$	$\frac{155}{1176}$	$\frac{11}{24}$	Φ_{1176} Φ_{588} Φ_{392} Φ_{294} Φ_{196} Φ_{147} Φ_{98} Φ_{49} Φ_{24} Φ_8 Φ_1
54767	1021	1152	$\frac{1}{12}$	$\frac{13}{144}$	$\frac{131}{1152}$	$\frac{11}{24}$	Φ_{1152} Φ_{576} Φ_{384} Φ_{288} Φ_{192} Φ_{128} Φ_{96} Φ_{64} Φ_{32} Φ_{24} Φ_8 Φ_1
54768	1021	1080	$\frac{59}{1080}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	Φ_{1080} Φ_{540} Φ_{360} Φ_{270} Φ_{216} Φ_{180} Φ_{135} Φ_{120} Φ_{90} Φ_{72} Φ_{60} Φ_{54} Φ_{45} Φ_{40} Φ_{30} Φ_{27} Φ_{24} Φ_{20} Φ_{18} Φ_{15} Φ_{10} Φ_9 Φ_8 Φ_5 Φ_1
54769	1021	1860	$\frac{2}{93}$	$\frac{91}{930}$	$\frac{1}{3}$	$\frac{839}{1860}$	Φ_{1860} Φ_{620} Φ_{372} Φ_{124} Φ_{93} Φ_{60} Φ_{31} Φ_{20} Φ_{12} Φ_4 Φ_1
54770	1021	1836	$\frac{1}{51}$	$\frac{103}{918}$	$\frac{50}{153}$	$\frac{815}{1836}$	Φ_{1836} Φ_{612} Φ_{204} Φ_{153} Φ_{108} Φ_{68} Φ_{36} Φ_{12} Φ_9 Φ_4 Φ_1
54771	1021	1824	$\frac{5}{114}$	$\frac{109}{912}$	$\frac{1}{6}$	$\frac{803}{1824}$	Φ_{1824} Φ_{608} Φ_{114} Φ_{96} Φ_{57} Φ_{38} Φ_{32} Φ_{19} Φ_1
54772	1021	1800	$\frac{1}{60}$	$\frac{121}{900}$	$\frac{59}{180}$	$\frac{779}{1800}$	Φ_{1800} Φ_{600} Φ_{360} Φ_{200} Φ_{180} Φ_{120} Φ_{90} Φ_{72} Φ_{45} Φ_{40} Φ_{36} Φ_{24} Φ_{18} Φ_9 Φ_8 Φ_1
54773	1021	1800	$\frac{1}{30}$	$\frac{121}{900}$	$\frac{29}{150}$	$\frac{779}{1800}$	Φ_{1800} Φ_{600} Φ_{360} Φ_{200} Φ_{150} Φ_{120} Φ_{75} Φ_{72} Φ_{50} Φ_{40} Φ_{25} Φ_{24} Φ_8 Φ_1
54774	1021	1260	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{239}{1260}$	$\frac{181}{420}$	Φ_{1260} Φ_{630} Φ_{315} Φ_{252} Φ_{210} Φ_{180} Φ_{126} Φ_{105} Φ_{90} Φ_{70} Φ_{63} Φ_{45} Φ_{42} Φ_{36} Φ_{35} Φ_{21} Φ_{18} Φ_{14} Φ_9 Φ_7 Φ_1
54775	1021	1792	$\frac{3}{128}$	$\frac{125}{896}$	$\frac{1}{4}$	$\frac{771}{1792}$	Φ_{1792} Φ_{256} Φ_{128} Φ_{64} Φ_{32} Φ_{16} Φ_8 Φ_1
54776	1021	1428	$\frac{1}{51}$	$\frac{50}{357}$	$\frac{407}{1428}$	$\frac{307}{714}$	Φ_{1428} Φ_{476} Φ_{357} Φ_{204} Φ_{119} Φ_{84} Φ_{68} Φ_{28} Φ_{21} Φ_{12} Φ_7 Φ_4 Φ_1
54777	1021	1050	$\frac{29}{1050}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	Φ_{1050} Φ_{525} Φ_{350} Φ_{210} Φ_{175} Φ_{150} Φ_{105} Φ_{75} Φ_{70} Φ_{42} Φ_{35} Φ_{30} Φ_{25} Φ_{21} Φ_{15} Φ_{14} Φ_7 Φ_6 Φ_3 Φ_1
54778	1021	1440	$\frac{1}{60}$	$\frac{59}{360}$	$\frac{419}{1440}$	$\frac{301}{720}$	Φ_{1440} Φ_{480} Φ_{360} Φ_{288} Φ_{180} Φ_{160} Φ_{120} Φ_{96} Φ_{90} Φ_{72} Φ_{45} Φ_{40} Φ_{36} Φ_{32} Φ_{24} Φ_{18} Φ_9 Φ_8 Φ_1
54779	1021	1200	$\frac{1}{30}$	$\frac{179}{1200}$	$\frac{29}{150}$	$\frac{121}{300}$	Φ_{1200} Φ_{600} Φ_{400} Φ_{240} Φ_{200} Φ_{150} Φ_{120} Φ_{80} Φ_{75} Φ_{50} Φ_{48} Φ_{40} Φ_{25} Φ_{24} Φ_{16} Φ_8 Φ_1
54780	1021	1680	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{181}{840}$	$\frac{659}{1680}$	Φ_{1680} Φ_{560} Φ_{336} Φ_{240} Φ_{210} Φ_{112} Φ_{105} Φ_{80} Φ_{70} Φ_{48} Φ_{42} Φ_{35} Φ_{21} Φ_{16} Φ_{14} Φ_7 Φ_1
54781	1021	1120	$\frac{1}{20}$	$\frac{99}{1120}$	$\frac{19}{80}$	$\frac{61}{160}$	Φ_{1120} Φ_{560} Φ_{280} Φ_{224} Φ_{140} Φ_{112} Φ_{80} Φ_{70} Φ_{56} Φ_{40} Φ_{35} Φ_{28} Φ_{16} Φ_{14} Φ_8 Φ_7 Φ_1
54782	1021	1640	$\frac{4}{205}$	$\frac{1}{5}$	$\frac{201}{820}$	$\frac{619}{1640}$	Φ_{1640} Φ_{328} Φ_{205} Φ_{41} Φ_{40} Φ_8 Φ_1
54783	1021	1632	$\frac{1}{68}$	$\frac{67}{272}$	$\frac{205}{816}$	$\frac{611}{1632}$	Φ_{1632} Φ_{544} Φ_{272} Φ_{136} Φ_{96} Φ_{32} Φ_{16} Φ_8 Φ_1
54784	1021	1044	$\frac{23}{1044}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	Φ_{1044} Φ_{522} Φ_{348} Φ_{261} Φ_{174} Φ_{116} Φ_{87} Φ_{58} Φ_{29} Φ_{18} Φ_9 Φ_1
54785	1021	1560	$\frac{1}{20}$	$\frac{19}{260}$	$\frac{241}{780}$	$\frac{539}{1560}$	Φ_{1560} Φ_{520} Φ_{312} Φ_{260} Φ_{130} Φ_{120} Φ_{104} Φ_{65} Φ_{52} Φ_{40} Φ_{26} Φ_{24} Φ_{13} Φ_8 Φ_1
54786	1021	1080	$\frac{59}{1080}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	Φ_{1080} Φ_{540} Φ_{360} Φ_{270} Φ_{216} Φ_{180} Φ_{135} Φ_{120} Φ_{108} Φ_{72} Φ_{60} Φ_{54} Φ_{45} Φ_{40} Φ_{36} Φ_{27} Φ_{24} Φ_{20} Φ_{12} Φ_9 Φ_8 Φ_4 Φ_1

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
54787	1021	1224	$\frac{1}{51}$	$\frac{203}{1224}$	$\frac{50}{153}$	$\frac{103}{306}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{204}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
54788	1021	1536	$\frac{3}{256}$	$\frac{1}{4}$	$\frac{253}{768}$	$\frac{515}{1536}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
54789	1021	1089	$\frac{2}{33}$	$\frac{68}{1089}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{1089}\ \Phi_{363}\ \Phi_{121}\ \Phi_{33}\ \Phi_{11}\ \Phi_{1}$
54790	1021	1485	$\frac{2}{33}$	$\frac{31}{495}$	$\frac{464}{1485}$	$\frac{1}{3}$	$\Phi_{1485}\ \Phi_{297}\ \Phi_{135}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_{1}$
54791	1021	1395	$\frac{2}{93}$	$\frac{91}{465}$	$\frac{374}{1395}$	$\frac{1}{3}$	$\Phi_{1395}\ \Phi_{279}\ \Phi_{93}\ \Phi_{45}\ \Phi_{31}\ \Phi_{9}\ \Phi_{1}$
54792	1021	1320	$\frac{2}{33}$	$\frac{31}{330}$	$\frac{299}{1320}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{264}\ \Phi_{220}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{60}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
54793	1021	1155	$\frac{2}{33}$	$\frac{134}{1155}$	$\frac{31}{165}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{105}\ \Phi_{77}\ \Phi_{35}\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
54794	1021	1188	$\frac{2}{33}$	$\frac{167}{1188}$	$\frac{31}{198}$	$\frac{1}{3}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{132}\ \Phi_{108}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{27}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
54795	1021	1377	$\frac{1}{51}$	$\frac{103}{459}$	$\frac{356}{1377}$	$\frac{50}{153}$	$\Phi_{1377}\ \Phi_{153}\ \Phi_{81}\ \Phi_{9}\ \Phi_{1}$
54796	1021	1512	$\frac{13}{504}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{491}{1512}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
54797	1021	1500	$\frac{21}{500}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{479}{1500}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{375}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
54798	1021	1152	$\frac{3}{64}$	$\frac{131}{1152}$	$\frac{1}{4}$	$\frac{61}{192}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
54799	1021	1485	$\frac{31}{495}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{464}{1485}$	$\Phi_{1485}\ \Phi_{297}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
54800	1021	1134	$\frac{5}{54}$	$\frac{113}{1134}$	$\frac{1}{6}$	$\frac{49}{162}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
54801	1021	1458	$\frac{5}{54}$	$\frac{49}{486}$	$\frac{1}{6}$	$\frac{437}{1458}$	$\Phi_{1458}\ \Phi_{729}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
54802	1021	1440	$\frac{1}{20}$	$\frac{61}{480}$	$\frac{19}{80}$	$\frac{419}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
54803	1021	1260	$\frac{13}{252}$	$\frac{1}{6}$	$\frac{239}{1260}$	$\frac{5}{18}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
54804	1021	1080	$\frac{59}{1080}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
54805	1021	1152	$\frac{13}{144}$	$\frac{131}{1152}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
54806	1021	1134	$\frac{113}{1134}$	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
54807	1021	1056	$\frac{35}{1056}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
54808	1021	1350	$\frac{1}{30}$	$\frac{29}{150}$	$\frac{329}{1350}$	$\frac{121}{450}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{270}\ \Phi_{150}\ \Phi_{135}\ \Phi_{75}\ \Phi_{54}\ \Phi_{50}\ \Phi_{27}\ \Phi_{25}\ \Phi_{1}$
54809	1021	1200	$\frac{1}{20}$	$\frac{179}{1200}$	$\frac{19}{80}$	$\frac{61}{240}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
54810	1021	1368	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{109}{456}$	$\frac{347}{1368}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{72}\ \Phi_{57}\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
54811	1021	1344	$\frac{13}{336}$	$\frac{3}{16}$	$\frac{323}{1344}$	$\frac{1}{4}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
54812	1021	1280	$\frac{3}{64}$	$\frac{61}{320}$	$\frac{259}{1280}$	$\frac{1}{4}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
54813	1021	1120	$\frac{99}{1120}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
54814	1021	1152	$\frac{13}{144}$	$\frac{131}{1152}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
54815	1021	1280	$\frac{1}{20}$	$\frac{61}{320}$	$\frac{259}{1280}$	$\frac{19}{80}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{256}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
54816	1021	1296	$\frac{5}{54}$	$\frac{49}{324}$	$\frac{1}{6}$	$\frac{275}{1296}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
54817	1021	1100	$\frac{79}{1100}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{25}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
54818	1021	1250	$\frac{21}{250}$	$\frac{4}{25}$	$\frac{229}{1250}$	$\frac{1}{5}$	$\Phi_{1250}\ \Phi_{625}\ \Phi_{25}\ \Phi_{1}$
54819	1021	1125	$\frac{104}{1125}$	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{225}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
54820	1021	1200	$\frac{21}{200}$	$\frac{179}{1200}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
54821	1022	3048	$\frac{3}{508}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{505}{1016}$	$\Phi_{3048}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
54822	1022	1740	$\frac{1}{145}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{72}{145}$	$\Phi_{1740}\ \Phi_{580}\ \Phi_{348}\ \Phi_{145}\ \Phi_{116}\ \Phi_{60}\ \Phi_{29}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
54823	1022	1305	$\frac{1}{145}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{72}{145}$	$\Phi_{1305}\ \Phi_{261}\ \Phi_{145}\ \Phi_{45}\ \Phi_{29}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
54824	1022	1872	$\frac{1}{72}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{71}{144}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{144}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_1^2$
54825	1022	144	$\frac{1}{72}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{71}{144}$	$\Phi_{144}^{14}\ \Phi_{48}^{14}\ \Phi_{24}\ \Phi_{16}^{14}\ \Phi_{12}\ \Phi_6$
54826	1022	392	$\frac{1}{49}$	$\frac{1}{8}$	$\frac{25}{98}$	$\frac{24}{49}$	$\Phi_{392}^3\ \Phi_{196}^3\ \Phi_{98}\ \Phi_{56}^3\ \Phi_{49}^2\ \Phi_{28}^3\ \Phi_{14}\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
54827	1022	2976	$\frac{15}{496}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{481}{992}$	$\Phi_{2976}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
54828	1022	280	$\frac{3}{70}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{67}{140}$	$\Phi_{280}^4\ \Phi_{140}^2\ \Phi_{70}^4\ \Phi_{56}^5\ \Phi_{40}^4\ \Phi_{35}^4\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{14}^5\ \Phi_{10}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_5^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
54829	1022	168	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{11}{84}$	$\frac{10}{21}$	$\Phi_{168}^7\ \Phi_{84}^5\ \Phi_{56}^7\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{24}^7\ \Phi_{21}^6\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_8^6\ \Phi_7^6\ \Phi_6^5\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
54830	1022	960	$\frac{1}{32}$	$\frac{31}{480}$	$\frac{1}{3}$	$\frac{449}{960}$	$\Phi_{960}^2\ \Phi_{320}^2\ \Phi_{192}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
54831	1022	975	$\frac{2}{75}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{195}\ \Phi_{75}^2\ \Phi_{65}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_5^2\ \Phi_1^2$
54832	1022	1404	$\frac{1}{36}$	$\frac{1}{13}$	$\frac{35}{108}$	$\frac{6}{13}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{13}\ \Phi_1^2$
54833	1022	988	$\frac{3}{76}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{988}\ \Phi_{494}\ \Phi_{247}\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{13}\ \Phi_1^2$
54834	1022	1248	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{23}{96}$	$\frac{6}{13}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{208}\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_1^2$
54835	1022	1170	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{17}{90}$	$\frac{6}{13}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{90}^2\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
54836	1022	78	$\frac{5}{78}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{78}^{13}\ \Phi_{39}^{13}\ \Phi_{26}^{13}\ \Phi_{13}^{14}\ \Phi_6^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{14}$
54837	1022	1092	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{6}{13}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{91}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{13}\ \Phi_7^2\ \Phi_1^2$
54838	1022	1040	$\frac{1}{13}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{6}{13}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{80}^2\ \Phi_{65}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
54839	1022	1053	$\frac{1}{13}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{6}{13}$	$\Phi_{1053}\ \Phi_{351}\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_{13}\ \Phi_1^2$
54840	1022	384	$\frac{1}{64}$	$\frac{9}{64}$	$\frac{1}{3}$	$\frac{55}{128}$	$\Phi_{384}^7\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
54841	1022	616	$\frac{4}{77}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{616}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{88}^2\ \Phi_{56}\ \Phi_{44}^2\ \Phi_{28}\ \Phi_{22}^2\ \Phi_{14}$
54842	1022	504	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{10}{63}$	$\frac{53}{126}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^3\ \Phi_{84}^3\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^3\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
54843	1022	444	$\frac{1}{74}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{444}^4\ \Phi_{222}\ \Phi_{148}^4\ \Phi_{111}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
54844	1022	300	$\frac{2}{75}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{300}^6\ \Phi_{100}^6\ \Phi_{75}^2\ \Phi_{60}^5\ \Phi_{25}^2\ \Phi_{20}^5\ \Phi_{15}^2\ \Phi_{12}^6\ \Phi_5\ \Phi_4^6\ \Phi_3^2\ \Phi_1^2$
54845	1022	348	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{348}^5\ \Phi_{116}^5\ \Phi_{87}^2\ \Phi_{29}\ \Phi_{12}^6\ \Phi_4^6\ \Phi_3^2\ \Phi_1^2$
54846	1022	370	$\frac{1}{74}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{370}^3\ \Phi_{185}^3\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_1^2$
54847	1022	768	$\frac{1}{128}$	$\frac{127}{384}$	$\frac{1}{3}$	$\frac{257}{768}$	$\Phi_{768}^2\ \Phi_{384}\ \Phi_{256}^2\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
54848	1022	666	$\frac{1}{74}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{666}^2\ \Phi_{333}^2\ \Phi_{222}\ \Phi_{111}\ \Phi_{18}^2\ \Phi_6$
54849	1022	600	$\frac{2}{75}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
54850	1022	216	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{35}{108}$	$\frac{1}{3}$	$\Phi_{216}^8\ \Phi_{108}^6\ \Phi_{54}^6\ \Phi_{27}^6\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
54851	1022	576	$\frac{1}{32}$	$\frac{65}{576}$	$\frac{31}{96}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}\ \Phi_{72}^2\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
54852	1022	528	$\frac{17}{528}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_6$
54853	1022	456	$\frac{3}{76}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{456}^4\ \Phi_{228}^3\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
54854	1022	96	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{23}{96}$	$\frac{1}{3}$	$\Phi_{96}^{14}\ \Phi_{48}^{14}\ \Phi_{32}^{14}\ \Phi_{24}\ \Phi_{16}^{14}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
54855	1022	225	$\frac{2}{75}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{225}^6\ \Phi_{75}^2\ \Phi_{45}^5\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9^6\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
54856	1022	261	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{261}^5\ \Phi_{87}^2\ \Phi_{29}\ \Phi_9^6\ \Phi_3^2\ \Phi_1^2$
54857	1022	1224	$\frac{7}{153}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{34}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
54858	1022	1920	$\frac{1}{32}$	$\frac{31}{160}$	$\frac{129}{640}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
54859	1022	360	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{17}{90}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^2\ \Phi_{60}^4\ \Phi_{45}^2\ \Phi_{40}^4\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
54860	1022	312	$\frac{5}{78}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{312}^4\ \Phi_{156}^4\ \Phi_{104}^4\ \Phi_{78}^2\ \Phi_{52}^4\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{13}^2\ \Phi_{12}\ \Phi_6$
54861	1022	168	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{84}$	$\frac{1}{3}$	$\Phi_{168}^8\ \Phi_{84}^6\ \Phi_{56}^8\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{24}\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{12}\ \Phi_7^6\ \Phi_6$
54862	1022	240	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{60}^7\ \Phi_{48}^7\ \Phi_{30}^7\ \Phi_{24}\ \Phi_{15}^7\ \Phi_{12}\ \Phi_6$
54863	1022	576	$\frac{7}{72}$	$\frac{65}{576}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
54864	1022	648	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
54865	1022	1512	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{43}{189}$	$\frac{20}{63}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
54866	1022	840	$\frac{3}{35}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{32}{105}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_6^2$
54867	1022	168	$\frac{1}{8}$	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{168}^8\ \Phi_{84}^6\ \Phi_{56}^5\ \Phi_{42}^6\ \Phi_{28}^3\ \Phi_{24}^8\ \Phi_{21}^6\ \Phi_{14}^5\ \Phi_{12}^6\ \Phi_8^4\ \Phi_7^4\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^4\ \Phi_1^4$
54868	1022	1400	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{29}{175}$	$\frac{6}{35}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{200}\ \Phi_{100}\ \Phi_{56}\ \Phi_{50}\ \Phi_{28}\ \Phi_{14}$
54869	1023	1356	$\frac{2}{339}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{337}{678}$	$\Phi_{1356}\ \Phi_{452}\ \Phi_{339}\ \Phi_{113}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
54870	1023	584	$\frac{1}{146}$	$\frac{49}{292}$	$\frac{243}{584}$	$\frac{145}{292}$	$\Phi_{584}^3\ \Phi_{292}\ \Phi_8^3\ \Phi_4\ \Phi_1$
54871	1023	456	$\frac{1}{114}$	$\frac{1}{4}$	$\frac{115}{456}$	$\frac{113}{228}$	$\Phi_{456}^3\ \Phi_{228}^2\ \Phi_{152}^3\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{38}\ \Phi_{24}^3\ \Phi_{19}\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
54872	1023	920	$\frac{1}{92}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{91}{184}$	$\Phi_{920}^2\ \Phi_{184}^3\ \Phi_{40}^2\ \Phi_{20}\ \Phi_8^3\ \Phi_4\ \Phi_1$
54873	1023	2760	$\frac{1}{92}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{91}{184}$	$\Phi_{2760}\ \Phi_{552}\ \Phi_{184}\ \Phi_{120}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
54874	1023	672	$\frac{5}{336}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{331}{672}$	$\Phi_{672}^3\ \Phi_{224}^3\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_{28}\ \Phi_4\ \Phi_1$
54875	1023	672	$\frac{5}{336}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{331}{672}$	$\Phi_{672}^3\ \Phi_{224}^3\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_7^2\ \Phi_1^3$
54876	1023	672	$\frac{5}{336}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{331}{672}$	$\Phi_{672}^3\ \Phi_{224}^3\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
54877	1023	1372	$\frac{6}{343}$	$\frac{1}{7}$	$\frac{349}{1372}$	$\frac{337}{686}$	$\Phi_{1372}\ \Phi_{343}\ \Phi_{196}\ \Phi_{49}\ \Phi_{28}\ \Phi_4\ \Phi_1$
54878	1023	182	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{89}{182}$	$\Phi_{182}^4\ \Phi_{91}^7\ \Phi_{26}^4\ \Phi_{14}^6\ \Phi_{13}^7\ \Phi_7^8\ \Phi_2^6\ \Phi_1^9$
54879	1023	1332	$\frac{8}{333}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{325}{666}$	$\Phi_{1332}\ \Phi_{444}\ \Phi_{333}\ \Phi_{148}\ \Phi_{111}\ \Phi_{37}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
54880	1023	380	$\frac{1}{38}$	$\frac{39}{380}$	$\frac{1}{4}$	$\frac{37}{76}$	$\Phi_{380}^3\ \Phi_{190}^3\ \Phi_{95}^3\ \Phi_{76}^2\ \Phi_{38}\ \Phi_{20}^3\ \Phi_{19}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
54881	1023	960	$\frac{1}{32}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{31}{64}$	$\Phi_{960}^2\ \Phi_{320}^2\ \Phi_{192}^2\ \Phi_{64}^3\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
54882	1023	2112	$\frac{1}{32}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{64}\ \Phi_{33}\ \Phi_{11}\ \Phi_1$
54883	1023	2880	$\frac{1}{32}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{64}$	$\Phi_{2880}\ \Phi_{576}\ \Phi_{64}\ \Phi_{45}\ \Phi_9\ \Phi_1$
54884	1023	320	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{64}$	$\Phi_{320}^6\ \Phi_{64}^7\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
54885	1023	2240	$\frac{1}{32}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{64}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{64}\ \Phi_{35}\ \Phi_7\ \Phi_1$
54886	1023	576	$\frac{1}{32}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{64}$	$\Phi_{576}^4\ \Phi_{192}^2\ \Phi_{64}^3\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
54887	1023	240	$\frac{1}{30}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{29}{60}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^5\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^5\ \Phi_{16}^6\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_8^6\ \Phi_6^4\ \Phi_5^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
54888	1023	60	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{60}^{17}\ \Phi_{30}^{16}\ \Phi_{20}^{17}\ \Phi_{15}^{16}\ \Phi_{12}^{20}\ \Phi_{10}^{16}\ \Phi_6^{19}\ \Phi_5^{16}\ \Phi_4^{19}\ \Phi_3^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
54889	1023	120	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{29}{60}$	$\Phi_{120}^8\ \Phi_{60}^9\ \Phi_{40}^9\ \Phi_{30}^8\ \Phi_{24}^8\ \Phi_{20}^{10}\ \Phi_{15}^8\ \Phi_{12}^9\ \Phi_{10}^9\ \Phi_8^8\ \Phi_6^8\ \Phi_5^9\ \Phi_4^9\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
54890	1023	392	$\frac{2}{49}$	$\frac{51}{392}$	$\frac{1}{7}$	$\frac{47}{98}$	$\Phi_{392}^3\ \Phi_{196}^3\ \Phi_{56}^3\ \Phi_{49}^3\ \Phi_{28}^3\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{4}^3\ \Phi_{1}^3$
54891	1023	1960	$\frac{43}{980}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{937}{1960}$	$\Phi_{1960}\ \Phi_{392}\ \Phi_{280}\ \Phi_{56}\ \Phi_{49}\ \Phi_{40}\ \Phi_{8}\ \Phi_{1}$
54892	1023	648	$\frac{17}{324}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{307}{648}$	$\Phi_{648}^3\ \Phi_{216}^3\ \Phi_{72}^3\ \Phi_{36}^2\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{8}^3\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
54893	1023	360	$\frac{19}{360}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{18}\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_{9}\ \Phi_{8}^3\ \Phi_{6}\ \Phi_{5}^3\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
54894	1023	1292	$\frac{1}{19}$	$\frac{18}{323}$	$\frac{1}{4}$	$\frac{305}{646}$	$\Phi_{1292}\ \Phi_{323}\ \Phi_{76}^2\ \Phi_{68}\ \Phi_{38}\ \Phi_{19}\ \Phi_{17}\ \Phi_{4}\ \Phi_{1}$
54895	1023	504	$\frac{5}{168}$	$\frac{1}{14}$	$\frac{163}{504}$	$\frac{13}{28}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{126}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{18}^3\ \Phi_{9}^3\ \Phi_{4}\ \Phi_{1}$
54896	1023	1064	$\frac{41}{1064}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{152}\ \Phi_{133}\ \Phi_{76}\ \Phi_{38}\ \Phi_{28}\ \Phi_{19}\ \Phi_{4}\ \Phi_{1}$
54897	1023	448	$\frac{5}{112}$	$\frac{1}{14}$	$\frac{107}{448}$	$\frac{13}{28}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
54898	1023	420	$\frac{5}{84}$	$\frac{1}{14}$	$\frac{79}{420}$	$\frac{13}{28}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_{5}^3\ \Phi_{4}\ \Phi_{1}$
54899	1023	364	$\frac{23}{364}$	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{364}^3\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{52}^3\ \Phi_{28}\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_{4}\ \Phi_{1}$
54900	1023	1120	$\frac{1}{14}$	$\frac{97}{1120}$	$\frac{15}{112}$	$\frac{13}{28}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
54901	1023	392	$\frac{1}{14}$	$\frac{5}{56}$	$\frac{51}{392}$	$\frac{13}{28}$	$\Phi_{392}^3\ \Phi_{196}^3\ \Phi_{98}^3\ \Phi_{49}^3\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
54902	1023	460	$\frac{1}{46}$	$\frac{1}{10}$	$\frac{15}{46}$	$\frac{9}{20}$	$\Phi_{460}^4\ \Phi_{92}^4\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{20}^5\ \Phi_{4}^5\ \Phi_{2}^2\ \Phi_{1}^3$
54903	1023	160	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{160}^6\ \Phi_{80}^6\ \Phi_{40}^6\ \Phi_{32}^9\ \Phi_{20}^5\ \Phi_{16}^9\ \Phi_{10}^4\ \Phi_{8}^9\ \Phi_{5}^4\ \Phi_{4}^7\ \Phi_{2}^6\ \Phi_{1}^7$
54904	1023	460	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{22}{115}$	$\frac{9}{20}$	$\Phi_{460}^4\ \Phi_{115}\ \Phi_{92}^4\ \Phi_{20}^5\ \Phi_{5}\ \Phi_{4}^5\ \Phi_{1}$
54905	1023	952	$\frac{1}{34}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{952}^2\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{56}\ \Phi_{34}\ \Phi_{17}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
54906	1023	280	$\frac{2}{35}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{280}^7\ \Phi_{56}^5\ \Phi_{40}^7\ \Phi_{35}^3\ \Phi_{8}^5\ \Phi_{7}^2\ \Phi_{5}^3\ \Phi_{1}^3$
54907	1023	608	$\frac{1}{38}$	$\frac{37}{304}$	$\frac{1}{4}$	$\frac{267}{608}$	$\Phi_{608}^3\ \Phi_{76}^2\ \Phi_{38}\ \Phi_{32}^3\ \Phi_{19}\ \Phi_{4}\ \Phi_{1}$
54908	1023	98	$\frac{5}{98}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{98}^{10}\ \Phi_{49}^{11}\ \Phi_{14}^{10}\ \Phi_{7}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
54909	1023	35	$\frac{2}{35}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{35}^{29}\ \Phi_{7}^{30}\ \Phi_{5}^{29}\ \Phi_{1}^{31}$
54910	1023	588	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{47}{294}$	$\frac{247}{588}$	$\Phi_{588}^3\ \Phi_{196}^3\ \Phi_{84}^3\ \Phi_{49}^3\ \Phi_{28}^3\ \Phi_{12}^3\ \Phi_{7}^2\ \Phi_{4}^3\ \Phi_{1}^3$
54911	1023	348	$\frac{7}{348}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{348}^3\ \Phi_{174}^3\ \Phi_{116}^3\ \Phi_{87}^3\ \Phi_{58}^3\ \Phi_{29}^3\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
54912	1023	584	$\frac{1}{73}$	$\frac{49}{292}$	$\frac{24}{73}$	$\frac{243}{584}$	$\Phi_{584}^3\ \Phi_{73}^2\ \Phi_{8}^3\ \Phi_{1}^3$
54913	1023	1140	$\frac{1}{57}$	$\frac{56}{285}$	$\frac{1}{4}$	$\frac{229}{570}$	$\Phi_{1140}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}^2\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}^2\ \Phi_{60}\ \Phi_{57}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
54914	1023	1460	$\frac{1}{73}$	$\frac{72}{365}$	$\frac{437}{1460}$	$\frac{293}{730}$	$\Phi_{1460}\ \Phi_{365}\ \Phi_{292}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
54915	1023	345	$\frac{4}{345}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{345}^3\ \Phi_{115}^3\ \Phi_{69}^3\ \Phi_{23}^3\ \Phi_{15}^2\ \Phi_{5}^3\ \Phi_{3}\ \Phi_{1}^3$
54916	1023	846	$\frac{1}{94}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{846}\ \Phi_{423}\ \Phi_{282}^2\ \Phi_{141}^2\ \Phi_{94}\ \Phi_{47}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
54917	1023	752	$\frac{1}{94}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{752}^2\ \Phi_{188}^2\ \Phi_{94}\ \Phi_{47}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
54918	1023	350	$\frac{9}{350}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{350}^3\ \Phi_{175}^3\ \Phi_{70}^3\ \Phi_{50}^3\ \Phi_{35}^3\ \Phi_{25}^3\ \Phi_{10}^3\ \Phi_{7}^2\ \Phi_{5}^3\ \Phi_{1}^3$
54919	1023	816	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{816}^2\ \Phi_{272}^2\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{48}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
54920	1023	438	$\frac{1}{73}$	$\frac{97}{438}$	$\frac{24}{73}$	$\frac{49}{146}$	$\Phi_{438}^3\ \Phi_{219}^3\ \Phi_{73}^2\ \Phi_{6}^3\ \Phi_{3}^3\ \Phi_{1}^3$
54921	1023	511	$\frac{4}{511}$	$\frac{169}{511}$	$\frac{170}{511}$	$\frac{171}{511}$	$\Phi_{511}^2\ \Phi_{73}^2\ \Phi_{7}^2\ \Phi_{1}^3$
54922	1023	369	$\frac{2}{41}$	$\frac{28}{369}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{369}^3\ \Phi_{123}^2\ \Phi_{41}^3\ \Phi_{9}^3\ \Phi_{3}\ \Phi_{1}^3$
54923	1023	528	$\frac{2}{33}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}^3\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
54924	1023	285	$\frac{2}{95}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{285}^3\ \Phi_{95}^5\ \Phi_{57}^3\ \Phi_{19}^5\ \Phi_{15}^2\ \Phi_{5}^3\ \Phi_{3}\ \Phi_{1}^3$
54925	1023	132	$\frac{2}{33}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^8\ \Phi_{66}^8\ \Phi_{44}^8\ \Phi_{33}^9\ \Phi_{22}^8\ \Phi_{12}^3\ \Phi_{11}^9\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
54926	1023	1320	$\frac{2}{33}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}\ \Phi_{33}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
54927	1023	690	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{15}{46}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{30}^2\ \Phi_{23}^2\ \Phi_{15}^3\ \Phi_{6}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
54928	1023	504	$\frac{5}{168}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{163}{504}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{126}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{9}^3\ \Phi_{7}^2\ \Phi_{1}^3$
54929	1023	504	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{163}{504}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{126}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_{9}^3\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
54930	1023	441	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{100}{441}$	$\frac{47}{147}$	$\Phi_{441}^3\ \Phi_{63}^3\ \Phi_{49}^3\ \Phi_{9}^3\ \Phi_{7}^2\ \Phi_{1}^3$
54931	1023	756	$\frac{1}{18}$	$\frac{37}{378}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{756}^2\ \Phi_{378}\ \Phi_{252}^2\ \Phi_{189}\ \Phi_{126}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
54932	1023	720	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{5}{16}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{9}^3\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
54933	1023	80	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{5}{16}$	$\Phi_{80}^{12}\ \Phi_{40}^{13}\ \Phi_{20}^{13}\ \Phi_{16}^{14}\ \Phi_{10}^{12}\ \Phi_{8}^{15}\ \Phi_{5}^{12}\ \Phi_{4}^{15}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
54934	1023	560	$\frac{1}{16}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{5}{16}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{8}^2\ \Phi_{7}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
54935	1023	144	$\frac{1}{16}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{5}{16}$	$\Phi_{144}^8\ \Phi_{72}^8\ \Phi_{48}^4\ \Phi_{36}^9\ \Phi_{24}^4\ \Phi_{18}^9\ \Phi_{16}^6\ \Phi_{12}^5\ \Phi_{9}^9\ \Phi_{8}^6\ \Phi_{6}^4\ \Phi_{4}^7\ \Phi_{3}^4\ \Phi_{2}^6\ \Phi_{1}^7$
54936	1023	180	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{45}^9\ \Phi_{36}^8\ \Phi_{18}^8\ \Phi_{12}^3\ \Phi_{9}^9\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
54937	1023	360	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{14}{45}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{45}^5\ \Phi_{40}\ \Phi_{36}^4\ \Phi_{20}\ \Phi_{18}^4\ \Phi_{10}\ \Phi_{9}^5\ \Phi_{5}\ \Phi_{1}$
54938	1023	490	$\frac{43}{490}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{149}{490}$	$\Phi_{490}^2\ \Phi_{245}^2\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{49}^3\ \Phi_{35}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{2}^2\ \Phi_{1}^3$
54939	1023	972	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{1}{4}$	$\frac{145}{486}$	$\Phi_{972}^2\ \Phi_{486}\ \Phi_{243}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
54940	1023	448	$\frac{5}{112}$	$\frac{1}{7}$	$\frac{107}{448}$	$\frac{2}{7}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{7}^2\ \Phi_{1}^3$
54941	1023	357	$\frac{16}{357}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{357}^3\ \Phi_{119}^3\ \Phi_{51}^3\ \Phi_{17}^3\ \Phi_{7}^2\ \Phi_{1}^3$
54942	1023	98	$\frac{5}{98}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{98}^{11}\ \Phi_{49}^{11}\ \Phi_{14}^6\ \Phi_{7}^8\ \Phi_{2}^6\ \Phi_{1}^9$
54943	1023	420	$\frac{5}{84}$	$\frac{1}{7}$	$\frac{79}{420}$	$\frac{2}{7}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_{7}^2\ \Phi_{5}^3\ \Phi_{1}^3$
54944	1023	364	$\frac{23}{364}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{364}^3\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_{7}^2\ \Phi_{1}^3$
54945	1023	392	$\frac{5}{56}$	$\frac{51}{392}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{392}^3\ \Phi_{196}^3\ \Phi_{98}^3\ \Phi_{49}^3\ \Phi_{7}^2\ \Phi_{1}^3$
54946	1023	378	$\frac{37}{378}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{378}^3\ \Phi_{189}^3\ \Phi_{126}^3\ \Phi_{63}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{18}^3\ \Phi_{9}^3\ \Phi_{7}^2\ \Phi_{1}^3$
54947	1023	480	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{8}^3\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
54948	1023	345	$\frac{1}{23}$	$\frac{22}{115}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{345}^4\ \Phi_{115}\ \Phi_{69}^4\ \Phi_{15}^5\ \Phi_{5}\ \Phi_{3}^5\ \Phi_{1}$
54949	1023	210	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{210}^7\ \Phi_{105}^7\ \Phi_{42}^5\ \Phi_{35}^3\ \Phi_{30}^7\ \Phi_{21}^5\ \Phi_{15}^7\ \Phi_{7}^2\ \Phi_{6}^5\ \Phi_{5}^3\ \Phi_{3}^5\ \Phi_{1}^3$
54950	1023	456	$\frac{1}{38}$	$\frac{37}{152}$	$\frac{1}{4}$	$\frac{115}{456}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{114}^3\ \Phi_{76}^2\ \Phi_{57}^3\ \Phi_{38}\ \Phi_{24}^3\ \Phi_{19}\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}\ \Phi_{3}^3\ \Phi_{1}$
54951	1023	120	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{120}^{12}\ \Phi_{60}^6\ \Phi_{40}^9\ \Phi_{30}^6\ \Phi_{24}^{12}\ \Phi_{20}^5\ \Phi_{15}^6\ \Phi_{12}^9\ \Phi_{10}^4\ \Phi_{8}^9\ \Phi_{6}^9\ \Phi_{5}^4\ \Phi_{4}^7\ \Phi_{3}^9\ \Phi_{2}^6\ \Phi_{1}^7$
54952	1023	432	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{91}{432}$	$\frac{1}{4}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^2\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{8}^3\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
54953	1023	360	$\frac{19}{360}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_{9}^3\ \Phi_{6}\ \Phi_{5}^3\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
54954	1023	420	$\frac{1}{12}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^2\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{7}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
54955	1023	420	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{79}{420}$	$\frac{1}{4}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_{6}\ \Phi_{5}^3\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
54956	1023	76	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{7}{38}$	$\frac{1}{4}$	$\Phi_{76}^{18}\ \Phi_{38}^9\ \Phi_{19}^9\ \Phi_{4}^{17}\ \Phi_{2}^8\ \Phi_{1}^9$
54957	1023	36	$\frac{1}{12}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{36}^{33}\ \Phi_{18}^{33}\ \Phi_{12}^{20}\ \Phi_{9}^{33}\ \Phi_{6}^{19}\ \Phi_{4}^{19}\ \Phi_{3}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
54958	1023	756	$\frac{37}{378}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{756}^2\ \Phi_{378}\ \Phi_{252}^2\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}^2\ \Phi_{63}\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
54959	1023	384	$\frac{5}{48}$	$\frac{43}{384}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
54960	1023	40	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{9}{40}$	$\Phi_{40}^{26}\ \Phi_{20}^{26}\ \Phi_{10}^{25}\ \Phi_{8}^{25}\ \Phi_{5}^{25}\ \Phi_{4}^{25}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
54961	1023	392	$\frac{6}{49}$	$\frac{51}{392}$	$\frac{1}{7}$	$\frac{43}{196}$	$\Phi_{392}^{3}\ \Phi_{196}^{2}\ \Phi_{98}^{2}\ \Phi_{56}^{3}\ \Phi_{49}^{3}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
54962	1023	280	$\frac{4}{35}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{5}$	$\Phi_{280}^{4}\ \Phi_{140}^{4}\ \Phi_{70}^{4}\ \Phi_{56}^{4}\ \Phi_{40}\ \Phi_{35}^{5}\ \Phi_{28}^{4}\ \Phi_{20}\ \Phi_{14}^{4}\ \Phi_{10}\ \Phi_{7}^{5}\ \Phi_{5}\ \Phi_{1}$
54963	1023	1225	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{202}{1225}$	$\frac{43}{245}$	$\Phi_{1225}\ \Phi_{175}\ \Phi_{49}\ \Phi_{25}\ \Phi_{1}$
54964	1023	360	$\frac{1}{8}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{7}{40}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{2}\ \Phi_{90}^{4}\ \Phi_{60}^{2}\ \Phi_{45}^{4}\ \Phi_{40}^{3}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{20}^{3}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{3}\ \Phi_{9}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
54965	1024	255	$\frac{1}{255}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{127}{255}$	$\Phi_{255}^{4}\ \Phi_{85}^{4}\ \Phi_{51}^{4}\ \Phi_{17}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
54966	1024	1023	$\frac{5}{1023}$	$\frac{257}{1023}$	$\frac{383}{1023}$	$\frac{509}{1023}$	$\Phi_{1023}\ \Phi_{341}\ \Phi_{93}\ \Phi_{33}\ \Phi_{31}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}^{2}$
54967	1024	171	$\frac{1}{171}$	$\frac{43}{171}$	$\frac{1}{3}$	$\frac{85}{171}$	$\Phi_{171}^{6}\ \Phi_{57}^{6}\ \Phi_{19}^{6}\ \Phi_{9}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
54968	1024	1017	$\frac{7}{1017}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{505}{1017}$	$\Phi_{1017}\ \Phi_{339}\ \Phi_{113}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
54969	1024	889	$\frac{1}{127}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{63}{127}$	$\Phi_{889}\ \Phi_{127}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
54970	1024	1905	$\frac{1}{127}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{63}{127}$	$\Phi_{1905}\ \Phi_{15}^{2}$
54971	1024	341	$\frac{3}{341}$	$\frac{43}{341}$	$\frac{149}{341}$	$\frac{169}{341}$	$\Phi_{341}^{3}\ \Phi_{31}^{3}\ \Phi_{11}^{3}\ \Phi_{1}^{4}$
54972	1024	341	$\frac{3}{341}$	$\frac{85}{341}$	$\frac{86}{341}$	$\frac{169}{341}$	$\Phi_{341}^{3}\ \Phi_{31}^{3}\ \Phi_{11}^{3}\ \Phi_{1}^{4}$
54973	1024	465	$\frac{1}{93}$	$\frac{47}{465}$	$\frac{209}{465}$	$\frac{46}{93}$	$\Phi_{465}^{2}\ \Phi_{155}^{2}\ \Phi_{93}^{3}\ \Phi_{31}^{3}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
54974	1024	1285	$\frac{3}{257}$	$\frac{1}{5}$	$\frac{65}{257}$	$\frac{127}{257}$	Φ_{1285}
54975	1024	253	$\frac{3}{253}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{125}{253}$	$\Phi_{253}^{4}\ \Phi_{23}^{4}\ \Phi_{11}^{5}\ \Phi_{1}^{6}$
54976	1024	1023	$\frac{13}{1023}$	$\frac{191}{1023}$	$\frac{259}{1023}$	$\frac{505}{1023}$	$\Phi_{1023}\ \Phi_{341}\ \Phi_{93}\ \Phi_{33}\ \Phi_{31}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}^{2}$
54977	1024	513	$\frac{7}{513}$	$\frac{65}{513}$	$\frac{1}{3}$	$\frac{253}{513}$	$\Phi_{513}^{2}\ \Phi_{171}^{2}\ \Phi_{57}^{2}\ \Phi_{27}^{2}\ \Phi_{19}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
54978	1024	315	$\frac{1}{63}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{31}{63}$	$\Phi_{315}^{3}\ \Phi_{105}^{3}\ \Phi_{63}^{4}\ \Phi_{45}^{3}\ \Phi_{35}^{3}\ \Phi_{21}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
54979	1024	63	$\frac{1}{63}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{31}{63}$	$\Phi_{63}^{16}\ \Phi_{21}^{16}\ \Phi_{9}^{18}\ \Phi_{7}^{16}\ \Phi_{3}^{17}\ \Phi_{1}^{18}$
54980	1024	315	$\frac{1}{63}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{31}{63}$	$\Phi_{315}^{3}\ \Phi_{105}^{3}\ \Phi_{63}^{4}\ \Phi_{45}^{3}\ \Phi_{35}^{3}\ \Phi_{21}^{4}\ \Phi_{15}^{3}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
54981	1024	1023	$\frac{17}{1023}$	$\frac{65}{1023}$	$\frac{479}{1023}$	$\frac{503}{1023}$	$\Phi_{1023}\ \Phi_{341}\ \Phi_{93}\ \Phi_{33}\ \Phi_{31}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}^{2}$
54982	1024	285	$\frac{1}{57}$	$\frac{29}{285}$	$\frac{1}{3}$	$\frac{28}{57}$	$\Phi_{285}^{4}\ \Phi_{95}^{4}\ \Phi_{57}^{2}\ \Phi_{19}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
54983	1024	387	$\frac{1}{43}$	$\frac{1}{9}$	$\frac{11}{43}$	$\frac{21}{43}$	$\Phi_{387}^{3}\ \Phi_{129}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{2}$
54984	1024	1023	$\frac{25}{1023}$	$\frac{131}{1023}$	$\frac{223}{1023}$	$\frac{499}{1023}$	$\Phi_{1023}\ \Phi_{341}\ \Phi_{93}\ \Phi_{33}\ \Phi_{31}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}^{2}$
54985	1024	999	$\frac{25}{999}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{487}{999}$	$\Phi_{999}\ \Phi_{333}\ \Phi_{111}\ \Phi_{37}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
54986	1024	1285	$\frac{7}{257}$	$\frac{33}{257}$	$\frac{1}{5}$	$\frac{125}{257}$	Φ_{1285}
54987	1024	1023	$\frac{29}{1023}$	$\frac{95}{1023}$	$\frac{263}{1023}$	$\frac{497}{1023}$	$\Phi_{1023}\ \Phi_{341}\ \Phi_{93}\ \Phi_{33}\ \Phi_{31}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}^{2}$
54988	1024	171	$\frac{5}{171}$	$\frac{11}{171}$	$\frac{1}{3}$	$\frac{83}{171}$	$\Phi_{171}^{6}\ \Phi_{57}^{6}\ \Phi_{19}^{6}\ \Phi_{9}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
54989	1024	495	$\frac{1}{33}$	$\frac{17}{495}$	$\frac{239}{495}$	$\frac{16}{33}$	$\Phi_{495}^{2}\ \Phi_{165}^{2}\ \Phi_{99}^{2}\ \Phi_{55}^{2}\ \Phi_{45}^{2}\ \Phi_{33}^{3}\ \Phi_{15}^{2}\ \Phi_{11}^{3}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
54990	1024	165	$\frac{1}{33}$	$\frac{17}{165}$	$\frac{37}{165}$	$\frac{16}{33}$	$\Phi_{165}^{6}\ \Phi_{55}^{6}\ \Phi_{33}^{7}\ \Phi_{15}^{6}\ \Phi_{11}^{7}\ \Phi_{5}^{6}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
54991	1024	297	$\frac{1}{33}$	$\frac{41}{297}$	$\frac{17}{99}$	$\frac{16}{33}$	$\Phi_{297}^{4}\ \Phi_{99}^{2}\ \Phi_{33}^{3}\ \Phi_{27}^{4}\ \Phi_{11}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
54992	1024	31	$\frac{1}{31}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{15}{31}$	$\Phi_{31}^{33}\ \Phi_{1}^{34}$
54993	1024	1581	$\frac{1}{31}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{1581}\ \Phi_{51}^{2}$
54994	1024	93	$\frac{1}{31}$	$\frac{2}{31}$	$\frac{29}{93}$	$\frac{15}{31}$	$\Phi_{93}^{16}\ \Phi_{31}\ \Phi_{3}^{16}\ \Phi_{1}^{2}$
54995	1024	279	$\frac{1}{31}$	$\frac{23}{279}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{279}^{4}\ \Phi_{93}^{4}\ \Phi_{31}\ \Phi_{9}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
54996	1024	31	$\frac{1}{31}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{15}{31}$	$\Phi_{31}^{33}\ \Phi_{1}^{34}$
54997	1024	1395	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{15}{31}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{45}^{2}\ \Phi_{15}^{2}$
54998	1024	155	$\frac{1}{31}$	$\frac{4}{31}$	$\frac{27}{155}$	$\frac{15}{31}$	$\Phi_{155}^{8}\ \Phi_{31}\ \Phi_{5}^{8}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
54999	1024	741	$\frac{9}{247}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{119}{247}$	$\Phi_{741}^2\ \Phi_{57}^3\ \Phi_{39}^2\ \Phi_3^2$
55000	1024	135	$\frac{1}{27}$	$\frac{7}{135}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{135}^8\ \Phi_{45}^8\ \Phi_{27}^6\ \Phi_{15}^8\ \Phi_9^6\ \Phi_5^8\ \Phi_3^5\ \Phi_1^6$
55001	1024	1105	$\frac{3}{65}$	$\frac{1}{17}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{1105}\ \Phi_{221}\ \Phi_{85}$
55002	1024	1023	$\frac{49}{1023}$	$\frac{67}{1023}$	$\frac{239}{1023}$	$\frac{487}{1023}$	$\Phi_{1023}\ \Phi_{341}\ \Phi_{93}\ \Phi_{33}\ \Phi_{31}\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
55003	1024	399	$\frac{5}{133}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{399}^4\ \Phi_{57}^3\ \Phi_{21}^4\ \Phi_3^2$
55004	1024	243	$\frac{1}{27}$	$\frac{13}{243}$	$\frac{1}{3}$	$\frac{115}{243}$	$\Phi_{243}^4\ \Phi_{81}^4\ \Phi_{27}^6\ \Phi_9^6\ \Phi_3^5\ \Phi_1^6$
55005	1024	387	$\frac{7}{129}$	$\frac{1}{9}$	$\frac{17}{129}$	$\frac{61}{129}$	$\Phi_{387}^3\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
55006	1024	341	$\frac{19}{341}$	$\frac{37}{341}$	$\frac{45}{341}$	$\frac{161}{341}$	$\Phi_{341}^3\ \Phi_{31}^3\ \Phi_{11}^3\ \Phi_1^4$
55007	1024	969	$\frac{2}{57}$	$\frac{55}{969}$	$\frac{1}{3}$	$\frac{457}{969}$	$\Phi_{969}\ \Phi_{323}\ \Phi_{57}^2\ \Phi_{51}\ \Phi_{19}^2\ \Phi_{17}\ \Phi_3\ \Phi_1^2$
55008	1024	1285	$\frac{15}{257}$	$\frac{17}{257}$	$\frac{1}{5}$	$\frac{121}{257}$	Φ_{1285}
55009	1024	1023	$\frac{47}{1023}$	$\frac{61}{1023}$	$\frac{271}{1023}$	$\frac{481}{1023}$	$\Phi_{1023}\ \Phi_{341}\ \Phi_{93}\ \Phi_{33}\ \Phi_{31}\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
55010	1024	513	$\frac{17}{513}$	$\frac{31}{513}$	$\frac{1}{3}$	$\frac{241}{513}$	$\Phi_{513}^2\ \Phi_{171}^2\ \Phi_{57}^2\ \Phi_{27}^2\ \Phi_{19}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
55011	1024	165	$\frac{1}{33}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{165}^6\ \Phi_{55}^6\ \Phi_{33}^8\ \Phi_{15}^4\ \Phi_{11}^8\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
55012	1024	105	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{5}{21}$	$\frac{7}{15}$	$\Phi_{105}^9\ \Phi_{35}^9\ \Phi_{21}^{12}\ \Phi_{15}^{10}\ \Phi_7^{12}\ \Phi_5^{10}\ \Phi_3^{13}\ \Phi_1^{14}$
55013	1024	255	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{255}^4\ \Phi_{85}^5\ \Phi_{51}^4\ \Phi_{17}^4$
55014	1024	105	$\frac{1}{15}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{105}^9\ \Phi_{35}^{11}\ \Phi_{21}^9\ \Phi_{15}^{10}\ \Phi_7^{10}\ \Phi_5^{12}\ \Phi_3^{10}\ \Phi_1^{12}$
55015	1024	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{7}{15}$	$\Phi_{45}^{21}\ \Phi_{15}^{22}\ \Phi_9^{28}\ \Phi_5^{22}\ \Phi_3^{29}\ \Phi_1^{30}$
55016	1024	663	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{663}^2\ \Phi_{221}\ \Phi_{51}^2$
55017	1024	759	$\frac{6}{253}$	$\frac{1}{11}$	$\frac{247}{759}$	$\frac{5}{11}$	$\Phi_{759}^2\ \Phi_{69}^2\ \Phi_{33}^2\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
55018	1024	33	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{33}^{32}\ \Phi_{11}^{29}\ \Phi_3^{32}\ \Phi_1^{30}$
55019	1024	1023	$\frac{35}{1023}$	$\frac{97}{1023}$	$\frac{247}{1023}$	$\frac{463}{1023}$	$\Phi_{1023}\ \Phi_{341}\ \Phi_{93}\ \Phi_{33}\ \Phi_{31}\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
55020	1024	1105	$\frac{1}{17}$	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{29}{65}$	$\Phi_{1105}\ \Phi_{221}\ \Phi_{85}$
55021	1024	231	$\frac{1}{33}$	$\frac{25}{231}$	$\frac{8}{33}$	$\frac{103}{231}$	$\Phi_{231}^4\ \Phi_{77}^4\ \Phi_{33}^7\ \Phi_{21}^4\ \Phi_{11}^7\ \Phi_7^4\ \Phi_3^7\ \Phi_1^8$
55022	1024	1023	$\frac{71}{1023}$	$\frac{113}{1023}$	$\frac{119}{1023}$	$\frac{455}{1023}$	$\Phi_{1023}\ \Phi_{341}\ \Phi_{93}\ \Phi_{33}\ \Phi_{31}\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
55023	1024	261	$\frac{5}{261}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{261}^4\ \Phi_{87}^4\ \Phi_{29}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
55024	1024	387	$\frac{3}{43}$	$\frac{1}{9}$	$\frac{5}{43}$	$\frac{19}{43}$	$\Phi_{387}^3\ \Phi_{129}^3\ \Phi_9^2\ \Phi_3^2$
55025	1024	93	$\frac{5}{93}$	$\frac{11}{93}$	$\frac{13}{93}$	$\frac{41}{93}$	$\Phi_{93}^{11}\ \Phi_{31}^{11}\ \Phi_3^{11}\ \Phi_1^{12}$
55026	1024	1285	$\frac{9}{257}$	$\frac{31}{257}$	$\frac{1}{5}$	$\frac{113}{257}$	Φ_{1285}
55027	1024	1023	$\frac{23}{1023}$	$\frac{125}{1023}$	$\frac{287}{1023}$	$\frac{449}{1023}$	$\Phi_{1023}\ \Phi_{341}\ \Phi_{93}\ \Phi_{33}\ \Phi_{31}\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
55028	1024	57	$\frac{1}{57}$	$\frac{7}{57}$	$\frac{1}{3}$	$\frac{25}{57}$	$\Phi_{57}^{18}\ \Phi_{19}^{18}\ \Phi_3^{17}\ \Phi_1^{18}$
55029	1024	1365	$\frac{1}{65}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1365}\ \Phi_{273}\ \Phi_{195}^2\ \Phi_{105}\ \Phi_{39}^2\ \Phi_{15}^2$
55030	1024	889	$\frac{3}{127}$	$\frac{1}{7}$	$\frac{31}{127}$	$\frac{3}{7}$	$\Phi_{889}\ \Phi_{127}^2\ \Phi_7^2\ \Phi_1^4$
55031	1024	1155	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{165}^2\ \Phi_{105}\ \Phi_{55}^2\ \Phi_{15}^2$
55032	1024	889	$\frac{7}{127}$	$\frac{15}{127}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{889}\ \Phi_{127}^2\ \Phi_7^2\ \Phi_1^4$
55033	1024	1071	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}^2\ \Phi_{51}^2$
55034	1024	1105	$\frac{1}{65}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1105}\ \Phi_{221}\ \Phi_{85}$
55035	1024	1023	$\frac{19}{1023}$	$\frac{193}{1023}$	$\frac{251}{1023}$	$\frac{415}{1023}$	$\Phi_{1023}\ \Phi_{341}\ \Phi_{93}\ \Phi_{33}\ \Phi_{31}\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
55036	1024	855	$\frac{2}{171}$	$\frac{169}{855}$	$\frac{1}{3}$	$\frac{343}{855}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{171}^2\ \Phi_{95}\ \Phi_{57}^2\ \Phi_{45}\ \Phi_{19}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
55037	1024	595	$\frac{1}{17}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{595}^2\ \Phi_{119}^2\ \Phi_{85}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
55038	1024	33	$\frac{1}{33}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{33}^{31}\ \Phi_{11}^{31}\ \Phi_{3}^{31}\ \Phi_{1}^{32}$
55039	1024	341	$\frac{13}{341}$	$\frac{41}{341}$	$\frac{75}{341}$	$\frac{133}{341}$	$\Phi_{341}^{3}\ \Phi_{31}^{3}\ \Phi_{11}^{3}\ \Phi_{1}^{4}$
55040	1024	837	$\frac{1}{93}$	$\frac{187}{837}$	$\frac{92}{279}$	$\frac{325}{837}$	$\Phi_{837}\ \Phi_{279}^{2}\ \Phi_{93}\ \Phi_{31}\ \Phi_{27}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
55041	1024	221	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{221}^{5}\ \Phi_{17}^{4}$
55042	1024	1023	$\frac{59}{1023}$	$\frac{79}{1023}$	$\frac{241}{1023}$	$\frac{391}{1023}$	$\Phi_{1023}\ \Phi_{341}\ \Phi_{93}\ \Phi_{33}\ \Phi_{31}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}^{2}$
55043	1024	387	$\frac{5}{129}$	$\frac{1}{9}$	$\frac{31}{129}$	$\frac{49}{129}$	$\Phi_{387}^{3}\ \Phi_{129}^{2}\ \Phi_{43}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
55044	1024	341	$\frac{9}{341}$	$\frac{53}{341}$	$\frac{83}{341}$	$\frac{129}{341}$	$\Phi_{341}^{3}\ \Phi_{31}^{3}\ \Phi_{11}^{3}\ \Phi_{1}^{4}$
55045	1024	1285	$\frac{5}{257}$	$\frac{1}{5}$	$\frac{63}{257}$	$\frac{97}{257}$	Φ_{1285}
55046	1024	93	$\frac{1}{93}$	$\frac{23}{93}$	$\frac{29}{93}$	$\frac{35}{93}$	$\Phi_{93}^{11}\ \Phi_{31}^{11}\ \Phi_{3}^{11}\ \Phi_{1}^{12}$
55047	1024	513	$\frac{5}{513}$	$\frac{127}{513}$	$\frac{1}{3}$	$\frac{193}{513}$	$\Phi_{513}^{2}\ \Phi_{171}^{2}\ \Phi_{57}^{2}\ \Phi_{27}^{2}\ \Phi_{19}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
55048	1024	99	$\frac{1}{33}$	$\frac{4}{33}$	$\frac{29}{99}$	$\frac{35}{99}$	$\Phi_{99}^{8}\ \Phi_{33}^{15}\ \Phi_{11}^{15}\ \Phi_{9}^{8}\ \Phi_{3}^{15}\ \Phi_{1}^{16}$
55049	1024	129	$\frac{1}{129}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{129}^{8}\ \Phi_{43}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
55050	1024	765	$\frac{2}{255}$	$\frac{253}{765}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{765}^{2}\ \Phi_{153}^{2}\ \Phi_{45}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
55051	1024	255	$\frac{1}{85}$	$\frac{21}{85}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{255}^{3}\ \Phi_{85}^{6}\ \Phi_{51}^{3}\ \Phi_{17}^{6}\ \Phi_{15}^{3}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
55052	1024	195	$\frac{1}{65}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^{4}\ \Phi_{65}^{8}\ \Phi_{39}^{4}\ \Phi_{15}^{3}\ \Phi_{13}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
55053	1024	153	$\frac{1}{51}$	$\frac{25}{153}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{153}^{8}\ \Phi_{51}^{4}\ \Phi_{17}^{4}\ \Phi_{9}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
55054	1024	525	$\frac{13}{525}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{525}^{2}\ \Phi_{175}^{2}\ \Phi_{105}^{2}\ \Phi_{75}^{2}\ \Phi_{35}^{2}\ \Phi_{25}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
55055	1024	255	$\frac{7}{255}$	$\frac{31}{255}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{255}^{4}\ \Phi_{85}^{4}\ \Phi_{51}^{4}\ \Phi_{17}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
55056	1024	99	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{99}^{12}\ \Phi_{33}^{8}\ \Phi_{11}^{8}\ \Phi_{9}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
55057	1024	561	$\frac{2}{51}$	$\frac{49}{561}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{561}^{2}\ \Phi_{187}^{2}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
55058	1024	135	$\frac{7}{135}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{135}^{8}\ \Phi_{45}^{8}\ \Phi_{27}^{8}\ \Phi_{15}^{4}\ \Phi_{9}^{8}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
55059	1024	51	$\frac{1}{17}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{51}^{15}\ \Phi_{17}^{30}\ \Phi_{3}^{16}\ \Phi_{1}^{32}$
55060	1024	189	$\frac{2}{63}$	$\frac{1}{9}$	$\frac{61}{189}$	$\frac{1}{3}$	$\Phi_{189}^{8}\ \Phi_{27}^{8}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
55061	1024	567	$\frac{1}{27}$	$\frac{55}{567}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{567}^{2}\ \Phi_{189}^{2}\ \Phi_{63}^{2}\ \Phi_{27}^{2}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
55062	1024	741	$\frac{1}{19}$	$\frac{18}{247}$	$\frac{229}{741}$	$\frac{1}{3}$	$\Phi_{741}\ \Phi_{247}^{2}\ \Phi_{57}^{2}\ \Phi_{39}\ \Phi_{19}^{2}\ \Phi_{13}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
55063	1024	729	$\frac{1}{27}$	$\frac{26}{243}$	$\frac{217}{729}$	$\frac{1}{3}$	$\Phi_{729}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
55064	1024	495	$\frac{1}{33}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{495}^{3}\ \Phi_{99}^{3}\ \Phi_{45}^{2}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
55065	1024	171	$\frac{1}{57}$	$\frac{14}{57}$	$\frac{43}{171}$	$\frac{1}{3}$	$\Phi_{171}^{8}\ \Phi_{57}^{2}\ \Phi_{19}^{2}\ \Phi_{9}^{8}\ \Phi_{3}\ \Phi_{1}^{2}$
55066	1024	1905	$\frac{3}{127}$	$\frac{1}{5}$	$\frac{31}{127}$	$\frac{1}{3}$	$\Phi_{1905}\ \Phi_{15}^{2}$
55067	1024	513	$\frac{13}{513}$	$\frac{97}{513}$	$\frac{125}{513}$	$\frac{1}{3}$	$\Phi_{513}^{2}\ \Phi_{171}^{2}\ \Phi_{57}^{2}\ \Phi_{27}^{2}\ \Phi_{19}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
55068	1024	63	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{5}{21}$	$\frac{1}{3}$	$\Phi_{63}^{18}\ \Phi_{21}^{12}\ \Phi_{9}^{20}\ \Phi_{7}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
55069	1024	513	$\frac{29}{513}$	$\frac{49}{513}$	$\frac{121}{513}$	$\frac{1}{3}$	$\Phi_{513}^{2}\ \Phi_{171}^{2}\ \Phi_{57}^{2}\ \Phi_{27}^{2}\ \Phi_{19}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
55070	1024	1581	$\frac{1}{17}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{1581}\ \Phi_{51}^{2}$
55071	1024	135	$\frac{7}{135}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{135}^{8}\ \Phi_{45}^{8}\ \Phi_{27}^{8}\ \Phi_{15}^{8}\ \Phi_{9}^{2}\ \Phi_{5}^{8}\ \Phi_{3}\ \Phi_{1}^{2}$
55072	1024	513	$\frac{25}{513}$	$\frac{61}{513}$	$\frac{113}{513}$	$\frac{1}{3}$	$\Phi_{513}^{2}\ \Phi_{171}^{2}\ \Phi_{57}^{2}\ \Phi_{27}^{2}\ \Phi_{19}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
55073	1024	399	$\frac{5}{133}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{399}^{4}\ \Phi_{57}^{3}\ \Phi_{21}^{4}\ \Phi_{3}^{2}$
55074	1024	81	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{17}{81}$	$\frac{1}{3}$	$\Phi_{81}^{12}\ \Phi_{27}^{14}\ \Phi_{9}^{14}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
55075	1024	165	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{165}^{6}\ \Phi_{55}^{6}\ \Phi_{33}^{8}\ \Phi_{15}^{3}\ \Phi_{11}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
55076	1024	1905	$\frac{7}{127}$	$\frac{15}{127}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1905}\ \Phi_{15}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
55077	1024	765	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{765}^2\ \Phi_{255}\ \Phi_{85}^2$
55078	1024	315	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{59}{315}$	$\frac{1}{3}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{45}^4\ \Phi_{35}^4\ \Phi_{15}^4\ \Phi_9^2\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
55079	1024	315	$\frac{3}{35}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{315}^4\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^4\ \Phi_{35}^4\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
55080	1024	441	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{19}{147}$	$\frac{1}{3}$	$\Phi_{441}^3\ \Phi_{147}^2\ \Phi_{49}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
55081	1024	567	$\frac{55}{567}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{3}$	$\Phi_{567}^2\ \Phi_{189}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
55082	1024	9	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_9^{114}\ \Phi_3^{113}\ \Phi_1^{114}$
55083	1024	93	$\frac{2}{31}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{29}{93}$	$\Phi_{93}^{16}\ \Phi_{31}\ \Phi_3^{16}\ \Phi_1^2$
55084	1024	765	$\frac{1}{17}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{765}^2\ \Phi_{153}^2\ \Phi_{85}$
55085	1024	253	$\frac{9}{253}$	$\frac{2}{11}$	$\frac{61}{253}$	$\frac{3}{11}$	$\Phi_{253}^4\ \Phi_{23}^4\ \Phi_{11}^5\ \Phi_1^6$
55086	1024	1275	$\frac{1}{17}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{85}$
55087	1024	279	$\frac{23}{279}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{279}^4\ \Phi_{93}^4\ \Phi_{31}\ \Phi_9^4\ \Phi_3^4\ \Phi_1^2$
55088	1024	387	$\frac{3}{43}$	$\frac{1}{9}$	$\frac{10}{43}$	$\frac{11}{43}$	$\Phi_{387}^3\ \Phi_{129}^3\ \Phi_9^2\ \Phi_3^2$
55089	1024	105	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{5}{21}$	$\Phi_{105}^9\ \Phi_{35}^9\ \Phi_{21}^{12}\ \Phi_{15}^9\ \Phi_7^{12}\ \Phi_5^{12}\ \Phi_3^{12}\ \Phi_1^{16}$
55090	1024	341	$\frac{17}{341}$	$\frac{65}{341}$	$\frac{69}{341}$	$\frac{81}{341}$	$\Phi_{341}^3\ \Phi_{31}^3\ \Phi_{11}^3\ \Phi_1^4$
55091	1024	1285	$\frac{13}{257}$	$\frac{49}{257}$	$\frac{1}{5}$	$\frac{61}{257}$	Φ_{1285}
55092	1024	31	$\frac{3}{31}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{7}{31}$	$\Phi_{31}^{33}\ \Phi_1^{34}$
55093	1024	1395	$\frac{3}{31}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{7}{31}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{45}^2\ \Phi_{15}^2$
55094	1024	155	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{27}{155}$	$\frac{7}{31}$	$\Phi_{155}^8\ \Phi_{31}\ \Phi_5^8\ \Phi_1^2$
55095	1024	387	$\frac{13}{129}$	$\frac{1}{9}$	$\frac{25}{129}$	$\frac{29}{129}$	$\Phi_{387}^3\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
55096	1024	1023	$\frac{103}{1023}$	$\frac{115}{1023}$	$\frac{199}{1023}$	$\frac{227}{1023}$	$\Phi_{1023}\ \Phi_{341}\ \Phi_{93}\ \Phi_{33}\ \Phi_{31}\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
55097	1024	1285	$\frac{25}{257}$	$\frac{29}{257}$	$\frac{1}{5}$	$\frac{57}{257}$	Φ_{1285}
55098	1024	85	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{85}^{13}\ \Phi_{17}^{12}$
55099	1024	35	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{35}^{29}\ \Phi_7^{28}\ \Phi_5^{32}\ \Phi_1^{32}$
55100	1024	45	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{45}^{21}\ \Phi_{15}^{21}\ \Phi_9^{28}\ \Phi_5^{24}\ \Phi_3^{28}\ \Phi_1^{32}$
55101	1025	408	$\frac{1}{204}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{203}{408}$	$\Phi_{408}\ \Phi_{204}^4\ \Phi_{136}\ \Phi_{102}^4\ \Phi_{68}^4\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{24}\ \Phi_{17}^4\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
55102	1025	2016	$\frac{17}{1008}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{991}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
55103	1025	1376	$\frac{7}{344}$	$\frac{1}{8}$	$\frac{351}{1376}$	$\frac{337}{688}$	$\Phi_{1376}\ \Phi_{344}\ \Phi_{172}\ \Phi_{86}\ \Phi_{43}\ \Phi_{32}\ \Phi_1$
55104	1025	240	$\frac{1}{40}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{39}{80}$	$\Phi_{120}^8\ \Phi_{80}\ \Phi_{60}^8\ \Phi_{48}\ \Phi_{40}^8\ \Phi_{30}^8\ \Phi_{24}^8\ \Phi_{20}^8\ \Phi_{16}^2\ \Phi_{15}^8\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_8^8\ \Phi_6^8\ \Phi_5^8\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
55105	1025	2160	$\frac{1}{40}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{144}\ \Phi_{80}\ \Phi_{27}\ \Phi_{16}\ \Phi_9\ \Phi_1$
55106	1025	720	$\frac{1}{40}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{39}{80}$	$\Phi_{720}^4\ \Phi_{144}^4\ \Phi_{80}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
55107	1025	560	$\frac{1}{40}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{39}{80}$	$\Phi_{560}^4\ \Phi_{112}^4\ \Phi_{80}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
55108	1025	160	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{39}{80}$	$\Phi_{160}^8\ \Phi_{80}\ \Phi_{40}^8\ \Phi_{32}^9\ \Phi_{20}^8\ \Phi_{16}^2\ \Phi_{10}^8\ \Phi_8^8\ \Phi_5^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
55109	1025	240	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{39}{80}$	$\Phi_{240}^8\ \Phi_{80}^9\ \Phi_{48}^8\ \Phi_{16}^9\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
55110	1025	240	$\frac{1}{24}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{23}{48}$	$\Phi_{240}^8\ \Phi_{80}^8\ \Phi_{60}\ \Phi_{48}^9\ \Phi_{30}\ \Phi_{16}^9\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
55111	1025	528	$\frac{1}{24}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{528}^4\ \Phi_{176}^4\ \Phi_{48}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
55112	1025	720	$\frac{1}{24}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{720}^3\ \Phi_{240}^2\ \Phi_{144}^3\ \Phi_{80}^2\ \Phi_{48}^3\ \Phi_{45}\ \Phi_{16}^3\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
55113	1025	1200	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{23}{48}$	$\Phi_{1200}^2\ \Phi_{400}^2\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
55114	1025	48	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{23}{48}$	$\Phi_{48}^{18}\ \Phi_{24}^{25}\ \Phi_{16}^{18}\ \Phi_{12}^{25}\ \Phi_8^{24}\ \Phi_6^{25}\ \Phi_4^{24}\ \Phi_3^{25}\ \Phi_2^{24}\ \Phi_1^{25}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
55115	1025	78	$\frac{1}{26}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{78}^{13}\ \Phi_{39}^{14}\ \Phi_{26}^{12}\ \Phi_{13}^{13}\ \Phi_{6}^{13}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
55116	1025	384	$\frac{1}{32}$	$\frac{13}{192}$	$\frac{31}{96}$	$\frac{179}{384}$	$\Phi_{384}^{5}\ \Phi_{128}^{5}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
55117	1025	384	$\frac{1}{16}$	$\frac{13}{192}$	$\frac{3}{16}$	$\frac{179}{384}$	$\Phi_{384}^{5}\ \Phi_{128}^{5}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
55118	1025	728	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{728}^{2}\ \Phi_{182}^{2}\ \Phi_{104}^{2}\ \Phi_{91}^{2}\ \Phi_{56}\ \Phi_{26}\ \Phi_{14}\ \Phi_{13}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
55119	1025	1248	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{223}{1248}$	$\frac{193}{416}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
55120	1025	1408	$\frac{1}{32}$	$\frac{31}{352}$	$\frac{383}{1408}$	$\frac{321}{704}$	$\Phi_{1408}\ \Phi_{352}\ \Phi_{176}\ \Phi_{128}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
55121	1025	936	$\frac{1}{26}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{936}^{2}\ \Phi_{312}^{2}\ \Phi_{104}^{2}\ \Phi_{78}^{2}\ \Phi_{72}\ \Phi_{39}^{2}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
55122	1025	624	$\frac{1}{26}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{624}^{2}\ \Phi_{312}^{2}\ \Phi_{208}^{2}\ \Phi_{104}^{2}\ \Phi_{78}^{2}\ \Phi_{48}\ \Phi_{39}^{2}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
55123	1025	910	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{910}\ \Phi_{455}\ \Phi_{182}^{2}\ \Phi_{130}\ \Phi_{91}^{2}\ \Phi_{65}\ \Phi_{35}\ \Phi_{26}\ \Phi_{14}\ \Phi_{13}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
55124	1025	224	$\frac{1}{16}$	$\frac{19}{224}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{224}^{5}\ \Phi_{112}^{5}\ \Phi_{56}^{5}\ \Phi_{28}^{5}\ \Phi_{16}^{4}\ \Phi_{14}^{5}\ \Phi_{8}^{4}\ \Phi_{7}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
55125	1025	1664	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{193}{832}$	$\frac{639}{1664}$	$\Phi_{1664}\ \Phi_{208}\ \Phi_{128}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
55126	1025	1656	$\frac{2}{207}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{207}\ \Phi_{184}\ \Phi_{72}\ \Phi_{69}\ \Phi_{23}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
55127	1025	1224	$\frac{1}{102}$	$\frac{1}{4}$	$\frac{101}{306}$	$\frac{3}{8}$	$\Phi_{1224}^{2}\ \Phi_{306}\ \Phi_{153}\ \Phi_{72}^{2}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
55128	1025	208	$\frac{3}{208}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{208}^{5}\ \Phi_{104}^{5}\ \Phi_{52}^{5}\ \Phi_{26}^{5}\ \Phi_{16}^{5}\ \Phi_{13}^{5}\ \Phi_{8}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
55129	1025	272	$\frac{1}{68}$	$\frac{67}{272}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{272}^{5}\ \Phi_{136}\ \Phi_{68}^{4}\ \Phi_{34}^{4}\ \Phi_{17}^{4}\ \Phi_{16}^{5}\ \Phi_{8}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
55130	1025	408	$\frac{1}{51}$	$\frac{10}{51}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^{4}\ \Phi_{136}^{4}\ \Phi_{51}^{4}\ \Phi_{24}^{4}\ \Phi_{17}^{4}\ \Phi_{8}^{5}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
55131	1025	168	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^{10}\ \Phi_{56}^{10}\ \Phi_{42}^{5}\ \Phi_{24}^{8}\ \Phi_{21}^{5}\ \Phi_{14}^{5}\ \Phi_{8}^{9}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
55132	1025	952	$\frac{1}{34}$	$\frac{33}{238}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{952}^{2}\ \Phi_{238}\ \Phi_{119}\ \Phi_{56}^{2}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
55133	1025	136	$\frac{3}{68}$	$\frac{13}{136}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{136}^{7}\ \Phi_{68}^{8}\ \Phi_{34}^{8}\ \Phi_{17}^{8}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
55134	1025	216	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^{5}\ \Phi_{108}^{5}\ \Phi_{72}^{5}\ \Phi_{54}^{5}\ \Phi_{36}^{5}\ \Phi_{27}^{5}\ \Phi_{24}\ \Phi_{18}^{5}\ \Phi_{12}^{4}\ \Phi_{9}^{5}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
55135	1025	1768	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1768}\ \Phi_{221}\ \Phi_{104}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
55136	1025	1056	$\frac{31}{1056}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
55137	1025	1152	$\frac{1}{32}$	$\frac{127}{1152}$	$\frac{31}{96}$	$\frac{65}{192}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
55138	1025	1536	$\frac{1}{128}$	$\frac{127}{384}$	$\frac{511}{1536}$	$\frac{257}{768}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
55139	1025	540	$\frac{1}{20}$	$\frac{2}{27}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{180}^{2}\ \Phi_{135}^{2}\ \Phi_{108}^{2}\ \Phi_{90}^{2}\ \Phi_{60}\ \Phi_{54}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{30}\ \Phi_{27}^{3}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
55140	1025	1188	$\frac{3}{44}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{99}\ \Phi_{44}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
55141	1025	135	$\frac{2}{27}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{135}^{8}\ \Phi_{45}^{6}\ \Phi_{27}^{9}\ \Phi_{15}^{7}\ \Phi_{9}^{7}\ \Phi_{5}^{6}\ \Phi_{3}^{7}\ \Phi_{1}^{7}$
55142	1025	1350	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{225}\ \Phi_{50}\ \Phi_{27}\ \Phi_{25}\ \Phi_{9}\ \Phi_{1}$
55143	1025	432	$\frac{2}{27}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{432}^{3}\ \Phi_{216}^{2}\ \Phi_{144}^{3}\ \Phi_{108}^{2}\ \Phi_{72}^{2}\ \Phi_{54}^{2}\ \Phi_{48}\ \Phi_{36}^{2}\ \Phi_{27}^{3}\ \Phi_{24}\ \Phi_{18}^{2}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
55144	1025	288	$\frac{1}{32}$	$\frac{13}{96}$	$\frac{83}{288}$	$\frac{31}{96}$	$\Phi_{288}^{5}\ \Phi_{144}^{5}\ \Phi_{96}\ \Phi_{72}^{5}\ \Phi_{48}\ \Phi_{36}^{5}\ \Phi_{24}\ \Phi_{18}^{5}\ \Phi_{12}\ \Phi_{9}^{5}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
55145	1025	1512	$\frac{17}{504}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{487}{1512}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
55146	1025	180	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{19}{60}$	$\Phi_{180}^{8}\ \Phi_{90}^{8}\ \Phi_{60}\ \Phi_{45}^{8}\ \Phi_{36}^{9}\ \Phi_{30}\ \Phi_{18}^{9}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}^{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
55147	1025	420	$\frac{1}{20}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{19}{60}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{4}\ \Phi_{60}\ \Phi_{42}^{4}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}^{4}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
55148	1025	480	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{19}{60}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{96}^{4}\ \Phi_{60}\ \Phi_{48}^{4}\ \Phi_{32}\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
55149	1025	60	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{19}{60}$	$\Phi_{60}^{17}\ \Phi_{30}^{17}\ \Phi_{20}^{16}\ \Phi_{15}^{17}\ \Phi_{12}^{17}\ \Phi_{10}^{16}\ \Phi_{6}^{21}\ \Phi_{5}^{16}\ \Phi_{4}^{16}\ \Phi_{3}^{21}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
55150	1025	396	$\frac{3}{44}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{396}^{4}\ \Phi_{198}^{4}\ \Phi_{99}^{4}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
55151	1025	180	$\frac{1}{12}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{180}^{5}\ \Phi_{90}^{5}\ \Phi_{60}^{6}\ \Phi_{45}^{6}\ \Phi_{36}^{6}\ \Phi_{30}^{6}\ \Phi_{20}^{6}\ \Phi_{18}^{6}\ \Phi_{15}^{7}\ \Phi_{12}^{6}\ \Phi_{10}^{6}\ \Phi_{9}^{7}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
55152	1025	900	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{11}{36}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{225}^{2}\ \Phi_{50}\ \Phi_{36}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
55153	1025	144	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{11}{36}$	$\Phi_{144}^{12}\ \Phi_{72}^{8}\ \Phi_{48}\ \Phi_{36}^{9}\ \Phi_{24}\ \Phi_{18}^{9}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}^{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
55154	1025	1344	$\frac{17}{336}$	$\frac{1}{8}$	$\frac{319}{1344}$	$\frac{7}{24}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
55155	1025	216	$\frac{11}{216}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{216}^{5}\ \Phi_{108}^{5}\ \Phi_{72}^{4}\ \Phi_{54}^{5}\ \Phi_{36}^{4}\ \Phi_{27}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{4}\ \Phi_{12}^{5}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
55156	1025	1176	$\frac{17}{168}$	$\frac{1}{8}$	$\frac{151}{1176}$	$\frac{7}{24}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
55157	1025	1152	$\frac{127}{1152}$	$\frac{17}{144}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
55158	1025	288	$\frac{1}{16}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{83}{288}$	$\Phi_{288}^{5}\ \Phi_{144}^{5}\ \Phi_{72}^{5}\ \Phi_{36}^{5}\ \Phi_{18}^{5}\ \Phi_{16}^{4}\ \Phi_{9}^{5}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
55159	1025	702	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{702}^{2}\ \Phi_{351}^{2}\ \Phi_{78}^{2}\ \Phi_{54}\ \Phi_{39}^{2}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
55160	1025	48	$\frac{1}{16}$	$\frac{7}{48}$	$\frac{3}{16}$	$\frac{13}{48}$	$\Phi_{48}^{20}\ \Phi_{24}^{20}\ \Phi_{16}^{24}\ \Phi_{12}^{20}\ \Phi_{8}^{24}\ \Phi_{6}^{20}\ \Phi_{4}^{24}\ \Phi_{3}^{20}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
55161	1025	308	$\frac{3}{44}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{308}^{4}\ \Phi_{154}^{4}\ \Phi_{77}^{4}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
55162	1025	352	$\frac{3}{44}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{352}^{4}\ \Phi_{176}^{4}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
55163	1025	1260	$\frac{4}{45}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
55164	1025	700	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{9}{50}$	$\frac{1}{4}$	$\Phi_{700}^{2}\ \Phi_{350}^{2}\ \Phi_{175}^{2}\ \Phi_{50}\ \Phi_{28}\ \Phi_{25}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
55165	1025	132	$\frac{3}{44}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{132}^{8}\ \Phi_{66}^{8}\ \Phi_{44}^{9}\ \Phi_{33}^{8}\ \Phi_{22}^{9}\ \Phi_{11}^{9}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
55166	1025	140	$\frac{3}{28}$	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{140}^{7}\ \Phi_{70}^{7}\ \Phi_{35}^{7}\ \Phi_{28}^{8}\ \Phi_{20}^{8}\ \Phi_{14}^{8}\ \Phi_{10}^{8}\ \Phi_{7}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
55167	1025	336	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{4}$	$\Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{112}^{4}\ \Phi_{84}^{4}\ \Phi_{48}\ \Phi_{42}^{4}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}^{4}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
55168	1025	1440	$\frac{4}{45}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{45}\ \Phi_{32}\ \Phi_{16}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
55169	1025	800	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{50}$	$\frac{7}{32}$	$\Phi_{800}^{2}\ \Phi_{400}^{2}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_{1}$
55170	1025	96	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{7}{32}$	$\Phi_{96}^{16}\ \Phi_{48}^{9}\ \Phi_{32}^{9}\ \Phi_{24}^{9}\ \Phi_{16}^{2}\ \Phi_{12}^{9}\ \Phi_{8}^{8}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
55171	1025	256	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{51}{256}$	$\frac{13}{64}$	$\Phi_{256}^{5}\ \Phi_{128}^{5}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
55172	1025	90	$\frac{4}{45}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{90}^{12}\ \Phi_{45}^{13}\ \Phi_{30}^{8}\ \Phi_{18}^{12}\ \Phi_{15}^{9}\ \Phi_{10}^{8}\ \Phi_{9}^{13}\ \Phi_{6}^{12}\ \Phi_{5}^{8}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
55173	1025	150	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{9}{50}$	$\Phi_{150}^{8}\ \Phi_{75}^{8}\ \Phi_{50}^{9}\ \Phi_{25}^{9}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
55174	1025	48	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{48}^{25}\ \Phi_{24}^{17}\ \Phi_{16}^{25}\ \Phi_{12}^{17}\ \Phi_{8}^{16}\ \Phi_{6}^{21}\ \Phi_{4}^{16}\ \Phi_{3}^{21}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
55175	1026	820	$\frac{1}{205}$	$\frac{103}{410}$	$\frac{307}{820}$	$\frac{102}{205}$	$\Phi_{820}^{2}\ \Phi_{205}\ \Phi_{164}^{2}\ \Phi_{41}\ \Phi_{20}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
55176	1026	340	$\frac{1}{170}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{169}{340}$	$\Phi_{340}^{6}\ \Phi_{68}^{6}\ \Phi_{20}^{6}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
55177	1026	1020	$\frac{1}{170}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{169}{340}$	$\Phi_{1020}\ \Phi_{510}^{2}\ \Phi_{255}^{2}\ \Phi_{204}\ \Phi_{102}^{2}\ \Phi_{60}\ \Phi_{51}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
55178	1026	1808	$\frac{1}{113}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{56}{113}$	$\Phi_{1808}\ \Phi_{113}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
55179	1026	452	$\frac{1}{113}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{56}{113}$	$\Phi_{452}^{2}\ \Phi_{226}^{2}\ \Phi_{113}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
55180	1026	1025	$\frac{13}{1025}$	$\frac{173}{1025}$	$\frac{284}{1025}$	$\frac{506}{1025}$	$\Phi_{1025}\ \Phi_{205}\ \Phi_{41}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
55181	1026	1372	$\frac{5}{343}$	$\frac{58}{343}$	$\frac{1}{4}$	$\frac{169}{343}$	$\Phi_{1372}\ \Phi_{686}\ \Phi_{196}\ \Phi_{98}\ \Phi_{28}\ \Phi_{14}$
55182	1026	1904	$\frac{1}{56}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{55}{112}$	$\Phi_{1904}\ \Phi_{272}\ \Phi_{112}^{2}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
55183	1026	1680	$\frac{1}{56}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{55}{112}$	$\Phi_{1680}^{2}\ \Phi_{336}\ \Phi_{240}^{2}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
55184	1026	1904	$\frac{1}{56}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{55}{112}$	$\Phi_{1904}\ \Phi_{272}\ \Phi_{112}^{2}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
55185	1026	112	$\frac{1}{56}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{55}{112}$	$\Phi_{112}^{18}\ \Phi_{28}\ \Phi_{16}^{18}\ \Phi_{14}$
55186	1026	1908	$\frac{1}{53}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{26}{53}$	$\Phi_{1908}\ \Phi_{636}\ \Phi_{212}\ \Phi_{53}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
55187	1026	1113	$\frac{1}{53}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{1113}\ \Phi_{371}\ \Phi_{53}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
55188	1026	1431	$\frac{1}{53}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{26}{53}$	$\Phi_{1431}\ \Phi_{53}\ \Phi_{27}^2\ \Phi_1^2$
55189	1026	1272	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{26}{53}$	$\Phi_{1272}\ \Phi_{636}\ \Phi_{424}\ \Phi_{212}\ \Phi_{53}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
55190	1026	196	$\frac{1}{49}$	$\frac{25}{196}$	$\frac{1}{4}$	$\frac{24}{49}$	$\Phi_{196}^5\ \Phi_{98}^5\ \Phi_{49}^6\ \Phi_{28}^5\ \Phi_{14}^5\ \Phi_7^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
55191	1026	328	$\frac{1}{41}$	$\frac{7}{164}$	$\frac{157}{328}$	$\frac{20}{41}$	$\Phi_{328}^6\ \Phi_{41}\ \Phi_8^6\ \Phi_1^2$
55192	1026	82	$\frac{1}{41}$	$\frac{7}{82}$	$\frac{25}{82}$	$\frac{20}{41}$	$\Phi_{82}^{12}\ \Phi_{41}^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
55193	1026	574	$\frac{1}{41}$	$\frac{61}{574}$	$\frac{21}{82}$	$\frac{20}{41}$	$\Phi_{574}^2\ \Phi_{287}^2\ \Phi_{41}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
55194	1026	656	$\frac{1}{41}$	$\frac{21}{164}$	$\frac{143}{656}$	$\frac{20}{41}$	$\Phi_{656}^2\ \Phi_{328}^2\ \Phi_{41}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
55195	1026	205	$\frac{1}{41}$	$\frac{34}{205}$	$\frac{7}{41}$	$\frac{20}{41}$	$\Phi_{205}^6\ \Phi_{41}\ \Phi_5^6\ \Phi_1^2$
55196	1026	1000	$\frac{13}{500}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{487}{1000}$	$\Phi_{1000}^2\ \Phi_{200}^2\ \Phi_{40}^2\ \Phi_{25}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
55197	1026	1924	$\frac{1}{37}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{18}{37}$	$\Phi_{1924}\ \Phi_{148}\ \Phi_{52}^2\ \Phi_{37}\ \Phi_4^2\ \Phi_1^2$
55198	1026	481	$\frac{1}{37}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{18}{37}$	$\Phi_{481}^2\ \Phi_{37}^3\ \Phi_{13}^4\ \Phi_1^6$
55199	1026	740	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{18}{37}$	$\Phi_{740}^2\ \Phi_{370}\ \Phi_{185}\ \Phi_{148}\ \Phi_{37}\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
55200	1026	1025	$\frac{37}{1025}$	$\frac{59}{1025}$	$\frac{322}{1025}$	$\frac{494}{1025}$	$\Phi_{1025}\ \Phi_{205}\ \Phi_{41}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
55201	1026	110	$\frac{2}{55}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{53}{110}$	$\Phi_{110}^8\ \Phi_{55}^{10}\ \Phi_{22}^8\ \Phi_{11}^{10}\ \Phi_{10}^{12}\ \Phi_5^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
55202	1026	780	$\frac{1}{26}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{195}^2\ \Phi_{156}\ \Phi_{78}^2\ \Phi_{60}^3\ \Phi_{39}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
55203	1026	250	$\frac{1}{25}$	$\frac{13}{250}$	$\frac{79}{250}$	$\frac{12}{25}$	$\Phi_{250}^4\ \Phi_{125}^4\ \Phi_{50}^4\ \Phi_{25}^5\ \Phi_{10}^4\ \Phi_5^5\ \Phi_2^4\ \Phi_1^6$
55204	1026	550	$\frac{1}{25}$	$\frac{37}{550}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{550}^2\ \Phi_{275}^2\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{25}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
55205	1026	625	$\frac{1}{25}$	$\frac{13}{125}$	$\frac{112}{625}$	$\frac{12}{25}$	$\Phi_{625}^2\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
55206	1026	200	$\frac{1}{25}$	$\frac{13}{100}$	$\frac{29}{200}$	$\frac{12}{25}$	$\Phi_{200}^6\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{40}^6\ \Phi_{25}^5\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^6\ \Phi_5^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
55207	1026	328	$\frac{7}{164}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{157}{328}$	$\Phi_{328}^6\ \Phi_{41}\ \Phi_8^6\ \Phi_1^2$
55208	1026	328	$\frac{7}{164}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{157}{328}$	$\Phi_{328}^6\ \Phi_{41}\ \Phi_8^6\ \Phi_1^2$
55209	1026	230	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{4}{23}$	$\frac{11}{23}$	$\Phi_{230}^5\ \Phi_{115}^5\ \Phi_{46}^5\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4$
55210	1026	1025	$\frac{49}{1025}$	$\frac{94}{1025}$	$\frac{179}{1025}$	$\frac{488}{1025}$	$\Phi_{1025}\ \Phi_{205}\ \Phi_{41}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
55211	1026	1372	$\frac{17}{343}$	$\frac{20}{343}$	$\frac{1}{4}$	$\frac{163}{343}$	$\Phi_{1372}\ \Phi_{686}\ \Phi_{196}\ \Phi_{98}\ \Phi_{28}\ \Phi_{14}$
55212	1026	325	$\frac{1}{25}$	$\frac{17}{325}$	$\frac{8}{25}$	$\frac{154}{325}$	$\Phi_{325}^3\ \Phi_{65}^3\ \Phi_{25}^5\ \Phi_{13}^3\ \Phi_5^5\ \Phi_1^6$
55213	1026	252	$\frac{1}{28}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^5\ \Phi_{63}^4\ \Phi_{42}^5\ \Phi_{36}^2\ \Phi_{28}^4\ \Phi_{21}^5\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_9^4\ \Phi_7^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
55214	1026	1908	$\frac{2}{53}$	$\frac{1}{18}$	$\frac{17}{53}$	$\frac{17}{36}$	$\Phi_{1908}\ \Phi_{636}\ \Phi_{212}\ \Phi_{53}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
55215	1026	684	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{684}\ \Phi_{342}^2\ \Phi_{228}\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{19}^2$
55216	1026	1908	$\frac{1}{18}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{17}{36}$	$\Phi_{1908}\ \Phi_{636}\ \Phi_{212}\ \Phi_{53}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
55217	1026	1260	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{17}{36}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}\ \Phi_{140}^2\ \Phi_{84}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
55218	1026	476	$\frac{1}{28}$	$\frac{1}{17}$	$\frac{9}{28}$	$\frac{8}{17}$	$\Phi_{476}^2\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{28}^4\ \Phi_{17}^3\ \Phi_{14}^4\ \Phi_7^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
55219	1026	340	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{340}^3\ \Phi_{170}^3\ \Phi_{85}^3\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{20}^6\ \Phi_{17}^3\ \Phi_{10}^6\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
55220	1026	1190	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{8}{17}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{170}\ \Phi_{85}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{17}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
55221	1026	357	$\frac{1}{17}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{8}{17}$	$\Phi_{357}^3\ \Phi_{119}^2\ \Phi_{51}^3\ \Phi_{21}^6\ \Phi_{17}^3\ \Phi_7^4\ \Phi_3^6\ \Phi_1^6$
55222	1026	1088	$\frac{1}{17}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{8}{17}$	$\Phi_{1088}\ \Phi_{544}\ \Phi_{272}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_1^2$
55223	1026	700	$\frac{1}{25}$	$\frac{12}{175}$	$\frac{187}{700}$	$\frac{163}{350}$	$\Phi_{700}^2\ \Phi_{175}^2\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
55224	1026	1025	$\frac{29}{1025}$	$\frac{77}{1025}$	$\frac{332}{1025}$	$\frac{474}{1025}$	$\Phi_{1025}\ \Phi_{205}\ \Phi_{41}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
55225	1026	364	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{364}^{3}\ \Phi_{182}^{3}\ \Phi_{91}^{3}\ \Phi_{52}^{3}\ \Phi_{28}^{2}\ \Phi_{26}\ \Phi_{14}^{2}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
55226	1026	100	$\frac{1}{20}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{100}^{10}\ \Phi_{50}^{8}\ \Phi_{25}^{10}\ \Phi_{20}^{14}\ \Phi_{10}^{12}\ \Phi_{5}^{13}\ \Phi_{4}^{14}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
55227	1026	220	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{220}^{5}\ \Phi_{110}^{5}\ \Phi_{55}^{5}\ \Phi_{44}^{5}\ \Phi_{22}^{5}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
55228	1026	1025	$\frac{44}{1025}$	$\frac{109}{1025}$	$\frac{189}{1025}$	$\frac{458}{1025}$	$\Phi_{1025}\ \Phi_{205}\ \Phi_{41}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
55229	1026	1372	$\frac{10}{343}$	$\frac{37}{343}$	$\frac{1}{4}$	$\frac{153}{343}$	$\Phi_{1372}\ \Phi_{686}\ \Phi_{196}\ \Phi_{98}\ \Phi_{28}\ \Phi_{14}$
55230	1026	1392	$\frac{1}{58}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1392}^{2}\ \Phi_{174}\ \Phi_{87}\ \Phi_{48}\ \Phi_{6}$
55231	1026	1808	$\frac{2}{113}$	$\frac{1}{8}$	$\frac{37}{113}$	$\frac{7}{16}$	$\Phi_{1808}\ \Phi_{113}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
55232	1026	624	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{624}^{3}\ \Phi_{208}^{3}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}^{3}\ \Phi_{26}\ \Phi_{12}\ \Phi_{6}$
55233	1026	1808	$\frac{5}{113}$	$\frac{1}{8}$	$\frac{18}{113}$	$\frac{7}{16}$	$\Phi_{1808}\ \Phi_{113}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
55234	1026	560	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{560}^{4}\ \Phi_{140}\ \Phi_{112}^{3}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
55235	1026	100	$\frac{1}{25}$	$\frac{7}{50}$	$\frac{4}{25}$	$\frac{43}{100}$	$\Phi_{100}^{18}\ \Phi_{25}^{5}\ \Phi_{20}^{18}\ \Phi_{5}^{5}\ \Phi_{4}^{18}\ \Phi_{1}^{6}$
55236	1026	700	$\frac{4}{175}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{700}^{2}\ \Phi_{350}^{2}\ \Phi_{140}^{2}\ \Phi_{100}^{2}\ \Phi_{70}^{2}\ \Phi_{50}^{2}\ \Phi_{28}\ \Phi_{20}^{2}\ \Phi_{14}\ \Phi_{10}^{2}$
55237	1026	200	$\frac{1}{25}$	$\frac{29}{200}$	$\frac{4}{25}$	$\frac{21}{50}$	$\Phi_{200}^{6}\ \Phi_{100}^{6}\ \Phi_{40}^{6}\ \Phi_{25}^{5}\ \Phi_{20}^{6}\ \Phi_{8}^{6}\ \Phi_{5}^{5}\ \Phi_{4}^{6}\ \Phi_{1}^{6}$
55238	1026	196	$\frac{1}{49}$	$\frac{8}{49}$	$\frac{1}{4}$	$\frac{41}{98}$	$\Phi_{196}^{7}\ \Phi_{98}\ \Phi_{49}^{6}\ \Phi_{28}^{7}\ \Phi_{14}\ \Phi_{7}^{6}\ \Phi_{4}^{6}\ \Phi_{1}^{6}$
55239	1026	875	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{151}{875}$	$\frac{362}{875}$	$\Phi_{875}\ \Phi_{175}^{2}\ \Phi_{125}\ \Phi_{35}^{2}\ \Phi_{25}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
55240	1026	1760	$\frac{1}{55}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
55241	1026	85	$\frac{1}{85}$	$\frac{1}{5}$	$\frac{28}{85}$	$\frac{2}{5}$	$\Phi_{85}^{12}\ \Phi_{17}^{12}\ \Phi_{5}^{13}\ \Phi_{1}^{14}$
55242	1026	520	$\frac{7}{520}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{520}^{2}\ \Phi_{260}^{2}\ \Phi_{130}^{2}\ \Phi_{104}^{2}\ \Phi_{65}^{2}\ \Phi_{52}^{2}\ \Phi_{40}^{2}\ \Phi_{26}^{2}\ \Phi_{20}^{2}\ \Phi_{13}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
55243	1026	580	$\frac{1}{58}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{580}^{2}\ \Phi_{290}\ \Phi_{145}\ \Phi_{116}^{4}\ \Phi_{58}^{2}\ \Phi_{29}^{2}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
55244	1026	680	$\frac{3}{170}$	$\frac{1}{5}$	$\frac{167}{680}$	$\frac{2}{5}$	$\Phi_{680}^{2}\ \Phi_{340}^{2}\ \Phi_{136}^{2}\ \Phi_{68}^{2}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
55245	1026	175	$\frac{4}{175}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{175}^{6}\ \Phi_{35}^{6}\ \Phi_{25}^{6}\ \Phi_{7}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
55246	1026	340	$\frac{1}{34}$	$\frac{11}{68}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{340}^{3}\ \Phi_{170}^{2}\ \Phi_{85}^{2}\ \Phi_{68}^{6}\ \Phi_{34}^{4}\ \Phi_{20}^{3}\ \Phi_{17}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
55247	1026	595	$\frac{3}{85}$	$\frac{82}{595}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{595}^{2}\ \Phi_{119}^{2}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
55248	1026	85	$\frac{4}{85}$	$\frac{9}{85}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{85}^{12}\ \Phi_{17}^{12}\ \Phi_{5}^{13}\ \Phi_{1}^{14}$
55249	1026	20	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{20}^{54}\ \Phi_{10}^{48}\ \Phi_{5}^{49}\ \Phi_{4}^{54}\ \Phi_{2}^{48}\ \Phi_{1}^{50}$
55250	1026	935	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{935}\ \Phi_{187}^{2}\ \Phi_{55}\ \Phi_{11}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
55251	1026	1025	$\frac{11}{1025}$	$\frac{229}{1025}$	$\frac{338}{1025}$	$\frac{398}{1025}$	$\Phi_{1025}\ \Phi_{205}\ \Phi_{41}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
55252	1026	220	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{220}^{5}\ \Phi_{110}^{5}\ \Phi_{55}^{5}\ \Phi_{44}^{3}\ \Phi_{22}^{5}\ \Phi_{20}^{4}\ \Phi_{11}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
55253	1026	460	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{11}{46}$	$\frac{35}{92}$	$\Phi_{460}^{4}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}^{2}\ \Phi_{46}\ \Phi_{20}^{4}\ \Phi_{4}^{2}$
55254	1026	1320	$\frac{1}{55}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
55255	1026	1248	$\frac{1}{39}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{208}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{26}\ \Phi_{12}\ \Phi_{6}$
55256	1026	1232	$\frac{5}{176}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{112}\ \Phi_{77}\ \Phi_{28}\ \Phi_{14}$
55257	1026	1102	$\frac{1}{58}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1102}\ \Phi_{551}\ \Phi_{38}$
55258	1026	330	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{330}^{5}\ \Phi_{110}^{5}\ \Phi_{66}^{5}\ \Phi_{55}^{4}\ \Phi_{30}^{4}\ \Phi_{22}^{5}\ \Phi_{11}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
55259	1026	546	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{546}^{3}\ \Phi_{273}\ \Phi_{182}^{3}\ \Phi_{91}\ \Phi_{78}^{3}\ \Phi_{42}^{3}\ \Phi_{26}^{3}\ \Phi_{21}\ \Phi_{6}^{3}$
55260	1026	205	$\frac{7}{205}$	$\frac{22}{205}$	$\frac{61}{205}$	$\frac{72}{205}$	$\Phi_{205}^{5}\ \Phi_{41}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
55261	1026	220	$\frac{1}{20}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{220}^{5}\ \Phi_{110}^{5}\ \Phi_{55}^{4}\ \Phi_{44}^{5}\ \Phi_{22}^{5}\ \Phi_{20}^{4}\ \Phi_{11}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
55262	1026	41	$\frac{2}{41}$	$\frac{3}{41}$	$\frac{13}{41}$	$\frac{14}{41}$	$\Phi_{41}^{25}\ \Phi_{1}^{26}$
55263	1026	230	$\frac{4}{115}$	$\frac{1}{10}$	$\frac{37}{115}$	$\frac{39}{115}$	$\Phi_{230}^{5}\ \Phi_{115}^{4}\ \Phi_{46}^{5}\ \Phi_{23}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
55264	1026	602	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{14}{43}$	$\frac{29}{86}$	$\Phi_{602}^{3}\ \Phi_{301}\ \Phi_{14}^{3}$
55265	1026	205	$\frac{4}{205}$	$\frac{34}{205}$	$\frac{67}{205}$	$\frac{69}{205}$	$\Phi_{205}^{5}\ \Phi_{41}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
55266	1026	1025	$\frac{14}{1025}$	$\frac{227}{1025}$	$\frac{337}{1025}$	$\frac{344}{1025}$	$\Phi_{1025}\ \Phi_{205}\ \Phi_{41}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
55267	1026	1372	$\frac{4}{343}$	$\frac{1}{4}$	$\frac{113}{343}$	$\frac{115}{343}$	$\Phi_{1372}\ \Phi_{686}\ \Phi_{196}\ \Phi_{98}\ \Phi_{28}\ \Phi_{14}$
55268	1026	84	$\frac{1}{28}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{84}^{13}\ \Phi_{42}^{13}\ \Phi_{28}^{12}\ \Phi_{21}^{11}\ \Phi_{14}^{12}\ \Phi_{12}^{13}\ \Phi_{7}^{10}\ \Phi_{6}^{13}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
55269	1026	1020	$\frac{1}{85}$	$\frac{1}{4}$	$\frac{28}{85}$	$\frac{1}{3}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{204}^{2}\ \Phi_{102}^{2}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
55270	1026	1542	$\frac{7}{514}$	$\frac{115}{514}$	$\frac{169}{514}$	$\frac{1}{3}$	$\Phi_{1542}\ \Phi_{771}\ \Phi_{6}$
55271	1026	420	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{9}{28}$	$\frac{1}{3}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{2}\ \Phi_{60}^{4}\ \Phi_{42}^{2}\ \Phi_{30}^{5}\ \Phi_{21}^{2}\ \Phi_{15}^{5}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
55272	1026	1113	$\frac{2}{53}$	$\frac{2}{21}$	$\frac{17}{53}$	$\frac{1}{3}$	$\Phi_{1113}\ \Phi_{371}\ \Phi_{53}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
55273	1026	1542	$\frac{25}{514}$	$\frac{39}{514}$	$\frac{163}{514}$	$\frac{1}{3}$	$\Phi_{1542}\ \Phi_{771}\ \Phi_{6}$
55274	1026	780	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{195}^{2}\ \Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
55275	1026	1542	$\frac{19}{514}$	$\frac{55}{514}$	$\frac{153}{514}$	$\frac{1}{3}$	$\Phi_{1542}\ \Phi_{771}\ \Phi_{6}$
55276	1026	756	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{756}^{2}\ \Phi_{378}^{2}\ \Phi_{189}^{2}\ \Phi_{108}^{2}\ \Phi_{84}\ \Phi_{54}^{2}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
55277	1026	348	$\frac{1}{58}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{348}^{4}\ \Phi_{174}^{5}\ \Phi_{87}^{5}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
55278	1026	2100	$\frac{4}{175}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}\ \Phi_{6}$
55279	1026	204	$\frac{1}{34}$	$\frac{11}{68}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^{7}\ \Phi_{102}^{8}\ \Phi_{51}^{8}\ \Phi_{12}^{8}\ \Phi_{6}^{9}\ \Phi_{3}^{8}$
55280	1026	1020	$\frac{4}{85}$	$\frac{9}{85}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{204}^{2}\ \Phi_{102}^{2}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
55281	1026	60	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^{25}\ \Phi_{30}^{26}\ \Phi_{15}^{26}\ \Phi_{12}^{26}\ \Phi_{6}^{27}\ \Phi_{3}^{26}$
55282	1026	1596	$\frac{1}{19}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{266}\ \Phi_{76}\ \Phi_{38}$
55283	1026	2244	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{132}\ \Phi_{66}\ \Phi_{12}\ \Phi_{6}$
55284	1026	1260	$\frac{1}{28}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}$ $\Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
55285	1026	168	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{168}^{8}\ \Phi_{84}^{5}\ \Phi_{56}^{8}\ \Phi_{42}^{5}\ \Phi_{28}^{4}\ \Phi_{24}^{6}\ \Phi_{21}^{5}\ \Phi_{14}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{6}\ \Phi_{7}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{2}$ $\Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
55286	1026	210	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{70}$	$\frac{1}{3}$	$\Phi_{210}^{7}\ \Phi_{105}^{7}\ \Phi_{42}^{8}\ \Phi_{30}^{8}\ \Phi_{21}^{8}\ \Phi_{15}^{8}\ \Phi_{6}^{9}\ \Phi_{3}^{8}$
55287	1026	1113	$\frac{5}{53}$	$\frac{2}{21}$	$\frac{8}{53}$	$\frac{1}{3}$	$\Phi_{1113}\ \Phi_{371}\ \Phi_{53}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
55288	1026	210	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{210}^{5}\ \Phi_{105}^{5}\ \Phi_{70}^{6}\ \Phi_{42}^{5}\ \Phi_{35}^{6}\ \Phi_{30}^{6}\ \Phi_{15}^{6}\ \Phi_{14}^{6}\ \Phi_{10}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{2}^{6}$
55289	1026	960	$\frac{1}{10}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{960}^{2}\ \Phi_{480}^{2}\ \Phi_{240}^{2}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
55290	1026	452	$\frac{2}{113}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{37}{113}$	$\Phi_{452}^{2}\ \Phi_{226}^{2}\ \Phi_{113}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
55291	1026	205	$\frac{4}{205}$	$\frac{46}{205}$	$\frac{53}{205}$	$\frac{67}{205}$	$\Phi_{205}^{5}\ \Phi_{41}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
55292	1026	196	$\frac{1}{49}$	$\frac{11}{49}$	$\frac{1}{4}$	$\frac{16}{49}$	$\Phi_{196}^{7}\ \Phi_{98}^{7}\ \Phi_{28}^{7}\ \Phi_{14}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
55293	1026	476	$\frac{1}{28}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{9}{28}$	$\Phi_{476}^{2}\ \Phi_{238}^{2}\ \Phi_{119}^{2}\ \Phi_{68}^{2}\ \Phi_{34}^{2}\ \Phi_{28}^{4}\ \Phi_{17}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
55294	1026	28	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{9}{28}$	$\Phi_{28}^{37}\ \Phi_{14}^{37}\ \Phi_{7}^{36}\ \Phi_{4}^{36}\ \Phi_{2}^{36}\ \Phi_{1}^{36}$
55295	1026	1025	$\frac{38}{1025}$	$\frac{116}{1025}$	$\frac{303}{1025}$	$\frac{329}{1025}$	$\Phi_{1025}\ \Phi_{205}\ \Phi_{41}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
55296	1026	1431	$\frac{2}{53}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{17}{53}$	$\Phi_{1431}\ \Phi_{53}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$
55297	1026	1272	$\frac{2}{53}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{17}{53}$	$\Phi_{1272}\ \Phi_{636}\ \Phi_{424}\ \Phi_{212}\ \Phi_{53}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
55298	1026	1204	$\frac{7}{172}$	$\frac{1}{7}$	$\frac{39}{172}$	$\frac{55}{172}$	$\Phi_{1204}\ \Phi_{602}\ \Phi_{301}\ \Phi_{28}\ \Phi_{14}$
55299	1026	1025	$\frac{47}{1025}$	$\frac{132}{1025}$	$\frac{233}{1025}$	$\frac{326}{1025}$	$\Phi_{1025}\ \Phi_{205}\ \Phi_{41}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
55300	1026	1372	$\frac{16}{343}$	$\frac{39}{343}$	$\frac{1}{4}$	$\frac{109}{343}$	$\Phi_{1372}\ \Phi_{686}\ \Phi_{196}\ \Phi_{98}\ \Phi_{28}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
55301	1026	82	$\frac{2}{41}$	$\frac{7}{82}$	$\frac{25}{82}$	$\frac{13}{41}$	$\Phi_{82}^{12}\ \Phi_{41}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
55302	1026	205	$\frac{2}{41}$	$\frac{34}{205}$	$\frac{7}{41}$	$\frac{13}{41}$	$\Phi_{205}^{6}\ \Phi_{41}\ \Phi_{5}^{6}\ \Phi_{1}^{2}$
55303	1026	110	$\frac{4}{55}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{17}{55}$	$\Phi_{110}^{10}\ \Phi_{55}^{8}\ \Phi_{22}^{10}\ \Phi_{11}^{8}\ \Phi_{10}^{14}\ \Phi_{5}^{11}\ \Phi_{2}^{14}\ \Phi_{1}^{12}$
55304	1026	82	$\frac{7}{82}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{25}{82}$	$\Phi_{82}^{12}\ \Phi_{41}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
55305	1026	2052	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{76}\ \Phi_{38}$
55306	1026	1431	$\frac{5}{53}$	$\frac{1}{9}$	$\frac{8}{53}$	$\frac{8}{27}$	$\Phi_{1431}\ \Phi_{53}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$
55307	1026	1890	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{27}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
55308	1026	340	$\frac{1}{20}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{340}^{3}\ \Phi_{170}^{3}\ \Phi_{85}^{3}\ \Phi_{68}^{2}\ \Phi_{34}^{2}\ \Phi_{20}^{6}\ \Phi_{17}^{3}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
55309	1026	1190	$\frac{1}{14}$	$\frac{2}{17}$	$\frac{13}{70}$	$\frac{5}{17}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{170}\ \Phi_{85}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{17}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
55310	1026	357	$\frac{2}{21}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{5}{17}$	$\Phi_{357}^{3}\ \Phi_{119}^{2}\ \Phi_{51}^{3}\ \Phi_{21}^{6}\ \Phi_{17}^{3}\ \Phi_{7}^{4}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
55311	1026	1088	$\frac{7}{64}$	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{5}{17}$	$\Phi_{1088}\ \Phi_{544}\ \Phi_{272}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
55312	1026	220	$\frac{1}{20}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{220}^{5}\ \Phi_{110}^{5}\ \Phi_{55}^{4}\ \Phi_{44}^{5}\ \Phi_{22}^{5}\ \Phi_{20}^{4}\ \Phi_{11}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
55313	1026	476	$\frac{5}{119}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{476}^{3}\ \Phi_{238}^{3}\ \Phi_{68}^{3}\ \Phi_{34}^{3}\ \Phi_{28}\ \Phi_{14}$
55314	1026	25	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{6}{25}$	$\frac{7}{25}$	$\Phi_{25}^{41}\ \Phi_{5}^{41}\ \Phi_{1}^{42}$
55315	1026	100	$\frac{1}{20}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{100}^{10}\ \Phi_{50}^{10}\ \Phi_{25}^{8}\ \Phi_{20}^{14}\ \Phi_{10}^{14}\ \Phi_{5}^{11}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{12}$
55316	1026	1372	$\frac{13}{343}$	$\frac{55}{343}$	$\frac{1}{4}$	$\frac{96}{343}$	$\Phi_{1372}\ \Phi_{686}\ \Phi_{196}\ \Phi_{98}\ \Phi_{28}\ \Phi_{14}$
55317	1026	156	$\frac{1}{39}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{156}^{7}\ \Phi_{78}^{7}\ \Phi_{52}^{7}\ \Phi_{39}^{6}\ \Phi_{26}^{7}\ \Phi_{13}^{6}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
55318	1026	452	$\frac{5}{113}$	$\frac{18}{113}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{452}^{2}\ \Phi_{226}^{2}\ \Phi_{113}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
55319	1026	140	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^{9}\ \Phi_{70}^{9}\ \Phi_{35}^{9}\ \Phi_{28}^{7}\ \Phi_{14}^{7}\ \Phi_{7}^{6}$
55320	1026	224	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{53}{224}$	$\frac{1}{4}$	$\Phi_{224}^{6}\ \Phi_{112}^{6}\ \Phi_{32}^{6}\ \Phi_{28}\ \Phi_{16}^{6}\ \Phi_{14}$
55321	1026	196	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{1}{4}$	$\Phi_{196}^{7}\ \Phi_{98}^{7}\ \Phi_{28}^{7}\ \Phi_{14}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
55322	1026	364	$\frac{11}{182}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{364}^{4}\ \Phi_{182}^{2}\ \Phi_{91}^{2}\ \Phi_{52}^{4}\ \Phi_{28}\ \Phi_{26}^{2}\ \Phi_{14}\ \Phi_{13}^{2}$
55323	1026	456	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{456}^{3}\ \Phi_{228}\ \Phi_{152}^{3}\ \Phi_{114}^{2}\ \Phi_{76}^{2}\ \Phi_{57}^{2}\ \Phi_{38}^{3}\ \Phi_{19}^{2}$
55324	1026	140	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{70}$	$\frac{1}{4}$	$\Phi_{140}^{12}\ \Phi_{70}^{6}\ \Phi_{35}^{6}\ \Phi_{28}\ \Phi_{20}^{12}\ \Phi_{14}\ \Phi_{10}^{6}\ \Phi_{5}^{6}$
55325	1026	84	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{84}^{18}\ \Phi_{42}^{18}\ \Phi_{28}^{13}\ \Phi_{14}^{13}\ \Phi_{12}^{18}\ \Phi_{6}^{18}\ \Phi_{4}^{12}\ \Phi_{2}^{12}$
55326	1026	196	$\frac{3}{28}$	$\frac{25}{196}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{196}^{6}\ \Phi_{98}^{6}\ \Phi_{49}^{6}\ \Phi_{28}\ \Phi_{14}$
55327	1026	448	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{448}^{3}\ \Phi_{224}^{3}\ \Phi_{112}^{3}\ \Phi_{28}\ \Phi_{14}$
55328	1026	230	$\frac{1}{10}$	$\frac{3}{23}$	$\frac{4}{23}$	$\frac{5}{23}$	$\Phi_{230}^{5}\ \Phi_{115}^{5}\ \Phi_{46}^{5}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}$
55329	1026	1272	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1272}\ \Phi_{636}\ \Phi_{424}\ \Phi_{212}\ \Phi_{53}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
55330	1026	840	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{168}\ \Phi_{140}^{2}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
55331	1026	205	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{34}{205}$	$\frac{7}{41}$	$\Phi_{205}^{6}\ \Phi_{41}\ \Phi_{5}^{6}\ \Phi_{1}^{2}$
55332	1027	2040	$\frac{7}{1020}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1013}{2040}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{136}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55333	1027	1824	$\frac{1}{114}$	$\frac{115}{912}$	$\frac{797}{1824}$	$\frac{113}{228}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{228}\ \Phi_{96}\ \Phi_{76}\ \Phi_{32}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
55334	1027	1368	$\frac{1}{114}$	$\frac{341}{1368}$	$\frac{115}{456}$	$\frac{113}{228}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{76}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
55335	1027	312	$\frac{1}{78}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{77}{156}$	$\Phi_{312}^{6}\ \Phi_{156}\ \Phi_{104}^{6}\ \Phi_{52}\ \Phi_{24}^{7}\ \Phi_{12}\ \Phi_{8}^{7}\ \Phi_{4}\ \Phi_{1}$
55336	1027	780	$\frac{1}{78}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{77}{156}$	$\Phi_{780}^{3}\ \Phi_{260}^{3}\ \Phi_{156}\ \Phi_{60}^{3}\ \Phi_{52}\ \Phi_{20}^{3}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
55337	1027	468	$\frac{1}{78}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{77}{156}$	$\Phi_{468}^{6}\ \Phi_{156}\ \Phi_{52}\ \Phi_{36}^{6}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
55338	1027	624	$\frac{1}{78}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{77}{156}$	$\Phi_{624}^{2}\ \Phi_{312}^{2}\ \Phi_{208}^{2}\ \Phi_{156}\ \Phi_{104}^{2}\ \Phi_{52}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{3}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
55339	1027	1176	$\frac{2}{147}$	$\frac{149}{1176}$	$\frac{1}{3}$	$\frac{145}{294}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{196}\ \Phi_{168}\ \Phi_{147}\ \Phi_{84}\ \Phi_{56}\ \Phi_{49}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
55340	1027	1944	$\frac{1}{54}$	$\frac{55}{972}$	$\frac{917}{1944}$	$\frac{53}{108}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55341	1027	1296	$\frac{1}{54}$	$\frac{55}{324}$	$\frac{269}{1296}$	$\frac{53}{108}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55342	1027	2016	$\frac{19}{1008}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{989}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{36}\ \Phi_{32}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
55343	1027	2016	$\frac{19}{1008}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{989}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{32}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
55344	1027	2016	$\frac{19}{1008}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{989}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55345	1027	152	$\frac{1}{38}$	$\frac{3}{76}$	$\frac{73}{152}$	$\frac{37}{76}$	$\Phi_{152}^{13}\ \Phi_{76}\ \Phi_{8}^{13}\ \Phi_{4}\ \Phi_{1}$
55346	1027	1980	$\frac{37}{990}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{953}{1980}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{132}\ \Phi_{60}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
55347	1027	1242	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{215}{1242}$	$\frac{199}{414}$	$\Phi_{1242}\ \Phi_{621}\ \Phi_{207}\ \Phi_{69}\ \Phi_{54}\ \Phi_{27}\ \Phi_{23}\ \Phi_{1}$
55348	1027	1064	$\frac{3}{76}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{1064}^{2}\ \Phi_{152}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
55349	1027	1050	$\frac{4}{75}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}^{2}\ \Phi_{42}\ \Phi_{35}^{2}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
55350	1027	1512	$\frac{19}{504}$	$\frac{1}{18}$	$\frac{485}{1512}$	$\frac{17}{36}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
55351	1027	1080	$\frac{53}{1080}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
55352	1027	1260	$\frac{1}{18}$	$\frac{19}{252}$	$\frac{233}{1260}$	$\frac{17}{36}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
55353	1027	1152	$\frac{1}{18}$	$\frac{125}{1152}$	$\frac{19}{144}$	$\frac{17}{36}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
55354	1027	1944	$\frac{1}{27}$	$\frac{55}{972}$	$\frac{26}{81}$	$\frac{917}{1944}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{216}\ \Phi_{81}\ \Phi_{72}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
55355	1027	672	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{112}^{2}\ \Phi_{96}\ \Phi_{84}^{2}\ \Phi_{56}^{2}\ \Phi_{48}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
55356	1027	108	$\frac{1}{27}$	$\frac{2}{27}$	$\frac{29}{108}$	$\frac{25}{54}$	$\Phi_{108}^{13}\ \Phi_{36}^{13}\ \Phi_{27}^{12}\ \Phi_{12}^{13}\ \Phi_{9}^{12}\ \Phi_{4}^{13}\ \Phi_{3}^{12}\ \Phi_{1}^{13}$
55357	1027	1900	$\frac{1}{19}$	$\frac{77}{950}$	$\frac{18}{95}$	$\frac{873}{1900}$	$\Phi_{1900}\ \Phi_{380}\ \Phi_{100}\ \Phi_{95}\ \Phi_{76}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
55358	1027	648	$\frac{2}{81}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{648}^{3}\ \Phi_{216}^{3}\ \Phi_{81}\ \Phi_{72}^{3}\ \Phi_{27}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
55359	1027	936	$\frac{1}{39}$	$\frac{1}{12}$	$\frac{38}{117}$	$\frac{11}{24}$	$\Phi_{936}^{3}\ \Phi_{117}\ \Phi_{72}^{3}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
55360	1027	312	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{25}{104}$	$\frac{11}{24}$	$\Phi_{312}^{2}\ \Phi_{156}^{4}\ \Phi_{104}^{3}\ \Phi_{78}^{4}\ \Phi_{52}^{5}\ \Phi_{39}^{4}\ \Phi_{26}^{4}\ \Phi_{24}^{3}\ \Phi_{13}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
55361	1027	168	$\frac{5}{84}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{168}^{12}\ \Phi_{84}\ \Phi_{56}^{12}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}^{7}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}^{7}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
55362	1027	2184	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{12}{91}$	$\frac{11}{24}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{168}\ \Phi_{91}\ \Phi_{56}\ \Phi_{24}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
55363	1027	1254	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{227}{1254}$	$\frac{191}{418}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{209}\ \Phi_{114}\ \Phi_{66}\ \Phi_{57}\ \Phi_{33}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
55364	1027	1050	$\frac{23}{1050}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{30}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
55365	1027	1008	$\frac{1}{14}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{144}$	$\Phi_{1008}^{2}\ \Phi_{336}^{2}\ \Phi_{144}\ \Phi_{112}^{2}\ \Phi_{56}^{2}\ \Phi_{48}\ \Phi_{28}^{2}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
55366	1027	1824	$\frac{1}{38}$	$\frac{115}{912}$	$\frac{37}{152}$	$\frac{797}{1824}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{152}\ \Phi_{96}\ \Phi_{76}\ \Phi_{32}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55367	1027	140	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{140}$	$\Phi_{140}^{13}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{13}\ \Phi_{20}^{13}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^{13}\ \Phi_{1}$
55368	1027	1764	$\frac{2}{147}$	$\frac{145}{882}$	$\frac{1}{3}$	$\frac{737}{1764}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{84}\ \Phi_{49}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
55369	1027	1224	$\frac{7}{204}$	$\frac{197}{1224}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55370	1027	1080	$\frac{53}{1080}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
55371	1027	1080	$\frac{53}{1080}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
55372	1027	1728	$\frac{1}{54}$	$\frac{163}{864}$	$\frac{53}{216}$	$\frac{701}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55373	1027	1140	$\frac{1}{19}$	$\frac{113}{1140}$	$\frac{18}{95}$	$\frac{77}{190}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
55374	1027	1056	$\frac{29}{1056}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55375	1027	1672	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{191}{836}$	$\frac{645}{1672}$	$\Phi_{1672}\ \Phi_{209}\ \Phi_{152}\ \Phi_{88}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
55376	1027	896	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{896}^2\ \Phi_{128}\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
55377	1027	1656	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{199}{828}$	$\frac{629}{1656}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{207}\ \Phi_{184}\ \Phi_{72}\ \Phi_{69}\ \Phi_{24}\ \Phi_{23}\ \Phi_{8}\ \Phi_{1}$
55378	1027	1216	$\frac{1}{38}$	$\frac{189}{1216}$	$\frac{37}{152}$	$\frac{115}{304}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{152}\ \Phi_{76}\ \Phi_{64}\ \Phi_{32}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55379	1027	1296	$\frac{1}{54}$	$\frac{269}{1296}$	$\frac{53}{216}$	$\frac{163}{432}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55380	1027	1620	$\frac{1}{54}$	$\frac{53}{270}$	$\frac{217}{810}$	$\frac{593}{1620}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
55381	1027	1596	$\frac{1}{38}$	$\frac{37}{266}$	$\frac{229}{798}$	$\frac{569}{1596}$	$\Phi_{1596}\ \Phi_{532}\ \Phi_{266}\ \Phi_{228}\ \Phi_{133}\ \Phi_{84}\ \Phi_{76}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
55382	1027	840	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
55383	1027	1134	$\frac{1}{27}$	$\frac{107}{1134}$	$\frac{26}{81}$	$\frac{55}{162}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{81}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
55384	1027	1548	$\frac{5}{258}$	$\frac{1}{6}$	$\frac{253}{774}$	$\frac{521}{1548}$	$\Phi_{1548}\ \Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}\ \Phi_{43}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
55385	1027	405	$\frac{2}{81}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{405}^3\ \Phi_{135}^3\ \Phi_{81}\ \Phi_{45}^3\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
55386	1027	1323	$\frac{2}{147}$	$\frac{296}{1323}$	$\frac{145}{441}$	$\frac{1}{3}$	$\Phi_{1323}\ \Phi_{189}\ \Phi_{147}\ \Phi_{49}\ \Phi_{27}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
55387	1027	585	$\frac{1}{39}$	$\frac{2}{15}$	$\frac{38}{117}$	$\frac{1}{3}$	$\Phi_{585}^3\ \Phi_{117}\ \Phi_{45}^3\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
55388	1027	1512	$\frac{19}{504}$	$\frac{2}{21}$	$\frac{485}{1512}$	$\frac{1}{3}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
55389	1027	1071	$\frac{44}{1071}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}\ \Phi_{119}\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}\ \Phi_{7}\ \Phi_{1}$
55390	1027	162	$\frac{2}{81}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{162}^6\ \Phi_{81}^7\ \Phi_{54}^6\ \Phi_{27}^7\ \Phi_{18}^4\ \Phi_{9}^5\ \Phi_{6}^6\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^7$
55391	1027	1296	$\frac{2}{81}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{27}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
55392	1027	1560	$\frac{1}{26}$	$\frac{2}{15}$	$\frac{25}{104}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{260}\ \Phi_{120}\ \Phi_{104}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{20}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
55393	1027	1344	$\frac{19}{336}$	$\frac{2}{21}$	$\frac{317}{1344}$	$\frac{1}{3}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
55394	1027	84	$\frac{5}{84}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{84}^{12}\ \Phi_{42}^{12}\ \Phi_{28}^{12}\ \Phi_{21}^{13}\ \Phi_{14}^{12}\ \Phi_{12}^{12}\ \Phi_{7}^{13}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
55395	1027	195	$\frac{2}{39}$	$\frac{2}{15}$	$\frac{37}{195}$	$\frac{1}{3}$	$\Phi_{195}^5\ \Phi_{65}^5\ \Phi_{39}^6\ \Phi_{15}^6\ \Phi_{13}^6\ \Phi_{5}^6\ \Phi_{3}^6\ \Phi_{1}^7$
55396	1027	1260	$\frac{19}{252}$	$\frac{2}{21}$	$\frac{233}{1260}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
55397	1027	420	$\frac{5}{84}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{42}\ \Phi_{35}^3\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
55398	1027	1134	$\frac{107}{1134}$	$\frac{2}{21}$	$\frac{19}{126}$	$\frac{1}{3}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
55399	1027	1365	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{105}\ \Phi_{91}\ \Phi_{35}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
55400	1027	1176	$\frac{2}{21}$	$\frac{19}{168}$	$\frac{149}{1176}$	$\frac{1}{3}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
55401	1027	234	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{38}{117}$	$\Phi_{234}^3\ \Phi_{117}^4\ \Phi_{78}^6\ \Phi_{39}^6\ \Phi_{26}^6\ \Phi_{18}^4\ \Phi_{13}^6\ \Phi_{9}^5\ \Phi_{6}^6\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^7$
55402	1027	1872	$\frac{1}{39}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{38}{117}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{144}\ \Phi_{117}\ \Phi_{72}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
55403	1027	1458	$\frac{1}{27}$	$\frac{55}{486}$	$\frac{431}{1458}$	$\frac{26}{81}$	$\Phi_{1458}\ \Phi_{729}\ \Phi_{81}\ \Phi_{1}$
55404	1027	1215	$\frac{1}{27}$	$\frac{188}{1215}$	$\frac{55}{243}$	$\frac{26}{81}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
55405	1027	1296	$\frac{1}{27}$	$\frac{55}{324}$	$\frac{269}{1296}$	$\frac{26}{81}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
55406	1027	1512	$\frac{19}{504}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{485}{1512}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55407	1027	1485	$\frac{37}{495}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{458}{1485}$	$\Phi_{1485}\ \Phi_{297}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
55408	1027	672	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{96}\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{32}\ \Phi_{28}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
55409	1027	1425	$\frac{1}{19}$	$\frac{77}{475}$	$\frac{18}{95}$	$\frac{398}{1425}$	$\Phi_{1425}\ \Phi_{285}\ \Phi_{95}\ \Phi_{75}\ \Phi_{57}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
55410	1027	936	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{25}{104}$	$\frac{5}{18}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{104}\ \Phi_{72}^2\ \Phi_{52}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55411	1027	252	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}\ \Phi_{63}^6\ \Phi_{42}\ \Phi_{36}^6\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
55412	1027	1638	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{126}\ \Phi_{91}\ \Phi_{63}\ \Phi_{18}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
55413	1027	630	$\frac{1}{14}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
55414	1027	1080	$\frac{53}{1080}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
55415	1027	1368	$\frac{1}{38}$	$\frac{37}{152}$	$\frac{341}{1368}$	$\frac{115}{456}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{152}\ \Phi_{76}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55416	1027	208	$\frac{1}{26}$	$\frac{3}{16}$	$\frac{25}{104}$	$\frac{1}{4}$	$\Phi_{208}^6\ \Phi_{104}^3\ \Phi_{52}^5\ \Phi_{26}^4\ \Phi_{16}^7\ \Phi_{13}^4\ \Phi_{8}^4\ \Phi_{4}^5\ \Phi_{2}^4\ \Phi_{1}^5$
55417	1027	336	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^4\ \Phi_{84}\ \Phi_{56}^4\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}^3\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}^3\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
55418	1027	1456	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{112}\ \Phi_{91}\ \Phi_{56}\ \Phi_{16}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
55419	1027	1344	$\frac{19}{336}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{317}{1344}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55420	1027	700	$\frac{1}{14}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{700}^2\ \Phi_{350}\ \Phi_{175}\ \Phi_{140}^2\ \Phi_{100}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
55421	1027	1152	$\frac{125}{1152}$	$\frac{19}{144}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55422	1027	1176	$\frac{19}{168}$	$\frac{149}{1176}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55423	1028	1536	$\frac{1}{256}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{255}{512}$	$\Phi_{1536}\ \Phi_{512}^2\ \Phi_{3}\ \Phi_{1}^2$
55424	1028	510	$\frac{2}{255}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{253}{510}$	$\Phi_{510}^4\ \Phi_{170}^4\ \Phi_{102}^4\ \Phi_{34}^4\ \Phi_{30}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{2}^4$
55425	1028	309	$\frac{1}{103}$	$\frac{52}{309}$	$\frac{1}{3}$	$\frac{51}{103}$	$\Phi_{309}^3\ \Phi_{103}^4\ \Phi_{3}^2\ \Phi_{1}^4$
55426	1028	1720	$\frac{1}{86}$	$\frac{1}{5}$	$\frac{87}{344}$	$\frac{85}{172}$	$\Phi_{1720}\ \Phi_{430}\ \Phi_{215}\ \Phi_{40}\ \Phi_{10}$
55427	1028	474	$\frac{1}{79}$	$\frac{20}{237}$	$\frac{217}{474}$	$\frac{39}{79}$	$\Phi_{474}^4\ \Phi_{158}^4\ \Phi_{79}\ \Phi_{6}^4\ \Phi_{2}^4\ \Phi_{1}^2$
55428	1028	711	$\frac{1}{79}$	$\frac{40}{237}$	$\frac{197}{711}$	$\frac{39}{79}$	$\Phi_{711}^2\ \Phi_{79}\ \Phi_{9}^2\ \Phi_{1}^2$
55429	1028	316	$\frac{1}{79}$	$\frac{59}{316}$	$\frac{20}{79}$	$\frac{39}{79}$	$\Phi_{316}^4\ \Phi_{158}^4\ \Phi_{79}\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^2$
55430	1028	507	$\frac{7}{507}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{250}{507}$	$\Phi_{507}^2\ \Phi_{169}^2\ \Phi_{39}^2\ \Phi_{13}^3\ \Phi_{3}^2\ \Phi_{1}^4$
55431	1028	2520	$\frac{5}{252}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{247}{504}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{360}\ \Phi_{280}\ \Phi_{120}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
55432	1028	494	$\frac{10}{247}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{237}{494}$	$\Phi_{494}^4\ \Phi_{38}^4\ \Phi_{26}^4\ \Phi_{13}^3\ \Phi_{2}^4\ \Phi_{1}^4$
55433	1028	975	$\frac{53}{975}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{461}{975}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{195}\ \Phi_{75}\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{25}\ \Phi_{15}\ \Phi_{13}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
55434	1028	312	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{55}{312}$	$\frac{49}{104}$	$\Phi_{312}^4\ \Phi_{156}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{24}^4\ \Phi_{13}^3\ \Phi_{12}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
55435	1028	338	$\frac{7}{169}$	$\frac{1}{13}$	$\frac{81}{338}$	$\frac{6}{13}$	$\Phi_{338}^4\ \Phi_{169}^2\ \Phi_{26}^4\ \Phi_{13}^3\ \Phi_{2}^4\ \Phi_{1}^4$
55436	1028	273	$\frac{16}{273}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{273}^4\ \Phi_{91}^4\ \Phi_{39}^2\ \Phi_{21}^4\ \Phi_{13}^3\ \Phi_{7}^4\ \Phi_{3}^2\ \Phi_{1}^4$
55437	1028	474	$\frac{3}{79}$	$\frac{20}{237}$	$\frac{19}{79}$	$\frac{217}{474}$	$\Phi_{474}^4\ \Phi_{158}^4\ \Phi_{79}\ \Phi_{6}^4\ \Phi_{2}^4\ \Phi_{1}^2$
55438	1028	468	$\frac{1}{13}$	$\frac{23}{234}$	$\frac{3}{26}$	$\frac{211}{468}$	$\Phi_{468}^4\ \Phi_{156}^4\ \Phi_{52}^4\ \Phi_{36}^4\ \Phi_{26}^4\ \Phi_{13}^3\ \Phi_{12}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
55439	1028	455	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{59}{455}$	$\frac{198}{455}$	$\Phi_{455}^2\ \Phi_{91}^2\ \Phi_{65}^4\ \Phi_{35}^2\ \Phi_{13}^3\ \Phi_7^2\ \Phi_5^4\ \Phi_1^4$
55440	1028	1320	$\frac{7}{264}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
55441	1028	430	$\frac{1}{43}$	$\frac{42}{215}$	$\frac{1}{5}$	$\frac{173}{430}$	$\Phi_{430}^4\ \Phi_{215}\ \Phi_{86}^4\ \Phi_{10}^4\ \Phi_2^4$
55442	1028	780	$\frac{3}{260}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{60}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
55443	1028	416	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{49}{208}$	$\frac{159}{416}$	$\Phi_{416}^4\ \Phi_{52}^4\ \Phi_{32}^4\ \Phi_{26}^4\ \Phi_{13}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
55444	1028	1236	$\frac{1}{103}$	$\frac{51}{206}$	$\frac{1}{3}$	$\frac{155}{412}$	$\Phi_{1236}^2\ \Phi_{309}\ \Phi_{12}^2$
55445	1028	390	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{62}{195}$	$\frac{133}{390}$	$\Phi_{390}^4\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{65}^4\ \Phi_{30}^4\ \Phi_{26}^4\ \Phi_{13}^3\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^4$
55446	1028	384	$\frac{1}{128}$	$\frac{127}{384}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^2\ \Phi_{96}^3\ \Phi_{64}^2\ \Phi_{48}^3\ \Phi_{32}^2\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
55447	1028	780	$\frac{3}{260}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}^2\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
55448	1028	960	$\frac{1}{64}$	$\frac{63}{320}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}^2\ \Phi_{240}\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
55449	1028	264	$\frac{7}{264}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{264}^4\ \Phi_{132}^4\ \Phi_{88}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{33}^4\ \Phi_{24}^3\ \Phi_{22}^4\ \Phi_{12}^3\ \Phi_{11}^4\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
55450	1028	288	$\frac{1}{32}$	$\frac{31}{288}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{288}^4\ \Phi_{144}^4\ \Phi_{96}^3\ \Phi_{72}^4\ \Phi_{48}^3\ \Phi_{36}^4\ \Phi_{32}^2\ \Phi_{24}^3\ \Phi_{18}^4\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_9^4\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
55451	1028	816	$\frac{15}{272}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}^2\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_3\ \Phi_1^2$
55452	1028	765	$\frac{4}{255}$	$\frac{1}{5}$	$\frac{251}{765}$	$\frac{1}{3}$	$\Phi_{765}^2\ \Phi_{153}^2\ \Phi_{45}^2\ \Phi_{15}\ \Phi_9^2$
55453	1028	525	$\frac{11}{525}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^2$
55454	1028	1020	$\frac{2}{85}$	$\frac{1}{5}$	$\frac{83}{340}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
55455	1028	1530	$\frac{2}{51}$	$\frac{49}{306}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{170}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
55456	1028	1785	$\frac{4}{85}$	$\frac{81}{595}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{105}\ \Phi_{21}\ \Phi_{15}$
55457	1028	270	$\frac{13}{270}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_2^4$
55458	1028	1890	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{121}{378}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{270}\ \Phi_{135}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
55459	1028	312	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{55}{312}$	$\frac{23}{78}$	$\Phi_{312}^4\ \Phi_{156}^4\ \Phi_{104}^4\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{24}^4\ \Phi_{13}^3\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
55460	1028	270	$\frac{13}{270}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}^3\ \Phi_{54}^4\ \Phi_{45}^3\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
55461	1028	585	$\frac{1}{13}$	$\frac{71}{585}$	$\frac{12}{65}$	$\frac{53}{195}$	$\Phi_{585}^2\ \Phi_{195}\ \Phi_{117}^2\ \Phi_{65}^2\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
55462	1028	316	$\frac{3}{79}$	$\frac{59}{316}$	$\frac{19}{79}$	$\frac{20}{79}$	$\Phi_{316}^4\ \Phi_{158}^4\ \Phi_{79}\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
55463	1028	1680	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{79}{336}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{280}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
55464	1028	325	$\frac{1}{13}$	$\frac{53}{325}$	$\frac{12}{65}$	$\frac{68}{325}$	$\Phi_{325}^3\ \Phi_{65}^4\ \Phi_{25}^3\ \Phi_{13}^3\ \Phi_5^4\ \Phi_1^4$
55465	1028	1440	$\frac{31}{288}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
55466	1028	1470	$\frac{5}{42}$	$\frac{37}{294}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{245}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
55467	1029	2048	$\frac{5}{1024}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1019}{2048}$	$\Phi_{2048}\ \Phi_8\ \Phi_1$
55468	1029	876	$\frac{1}{146}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{145}{292}$	$\Phi_{438}^2\ \Phi_{292}\ \Phi_{219}^2\ \Phi_{146}^2\ \Phi_{73}^2\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
55469	1029	2628	$\frac{1}{146}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{145}{292}$	$\Phi_{2628}\ \Phi_{292}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
55470	1029	1376	$\frac{3}{344}$	$\frac{1}{4}$	$\frac{347}{1376}$	$\frac{341}{688}$	$\Phi_{1376}\ \Phi_{344}\ \Phi_{172}\ \Phi_{86}\ \Phi_{43}\ \Phi_{32}\ \Phi_8\ \Phi_1$
55471	1029	680	$\frac{3}{340}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{337}{680}$	$\Phi_{680}^3\ \Phi_{136}^3\ \Phi_{40}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
55472	1029	480	$\frac{1}{48}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{47}{96}$	$\Phi_{480}^4\ \Phi_{160}^4\ \Phi_{96}^5\ \Phi_{40}\ \Phi_{32}^5\ \Phi_8\ \Phi_1$
55473	1029	480	$\frac{1}{48}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{47}{96}$	$\Phi_{480}^4\ \Phi_{160}^4\ \Phi_{96}^5\ \Phi_{32}^5\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
55474	1029	96	$\frac{1}{48}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{47}{96}$	$\Phi_{96}^{21}\ \Phi_{32}^{21}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55475	1029	2400	$\frac{1}{48}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{47}{96}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{96}\ \Phi_{32}\ \Phi_{25}\ \Phi_{1}$
55476	1029	2040	$\frac{2}{51}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{136}\ \Phi_{51}\ \Phi_{40}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
55477	1029	360	$\frac{1}{24}$	$\frac{1}{20}$	$\frac{23}{72}$	$\frac{19}{40}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{90}^{4}\ \Phi_{72}^{5}\ \Phi_{45}^{4}\ \Phi_{40}\ \Phi_{36}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{8}\ \Phi_{1}$
55478	1029	520	$\frac{1}{20}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{520}^{4}\ \Phi_{104}^{4}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
55479	1029	320	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{19}{40}$	$\Phi_{320}^{4}\ \Phi_{160}^{4}\ \Phi_{64}^{5}\ \Phi_{40}\ \Phi_{32}^{5}\ \Phi_{8}\ \Phi_{1}$
55480	1029	120	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{19}{40}$	$\Phi_{120}^{16}\ \Phi_{60}\ \Phi_{40}^{17}\ \Phi_{30}\ \Phi_{24}^{16}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}^{17}\ \Phi_{5}\ \Phi_{1}$
55481	1029	1080	$\frac{1}{20}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{1080}^{2}\ \Phi_{360}^{2}\ \Phi_{216}^{2}\ \Phi_{72}^{2}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
55482	1029	40	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{19}{40}$	$\Phi_{40}^{25}\ \Phi_{20}^{24}\ \Phi_{10}^{24}\ \Phi_{8}^{31}\ \Phi_{5}^{24}\ \Phi_{4}^{30}\ \Phi_{2}^{30}\ \Phi_{1}^{31}$
55483	1029	990	$\frac{1}{22}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{110}^{2}\ \Phi_{99}\ \Phi_{66}\ \Phi_{55}^{2}\ \Phi_{45}\ \Phi_{33}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
55484	1029	660	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{165}^{2}\ \Phi_{132}^{2}\ \Phi_{110}^{2}\ \Phi_{66}^{2}\ \Phi_{60}\ \Phi_{55}^{2}\ \Phi_{33}^{2}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
55485	1029	352	$\frac{9}{352}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{352}^{3}\ \Phi_{176}^{3}\ \Phi_{88}^{3}\ \Phi_{44}^{3}\ \Phi_{32}^{3}\ \Phi_{22}^{3}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55486	1029	172	$\frac{1}{43}$	$\frac{6}{43}$	$\frac{1}{4}$	$\frac{37}{86}$	$\Phi_{172}^{8}\ \Phi_{86}\ \Phi_{43}^{7}\ \Phi_{4}^{7}\ \Phi_{1}^{7}$
55487	1029	876	$\frac{1}{73}$	$\frac{1}{6}$	$\frac{24}{73}$	$\frac{5}{12}$	$\Phi_{876}^{2}\ \Phi_{292}^{2}\ \Phi_{73}^{2}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
55488	1029	300	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{300}^{2}\ \Phi_{150}^{4}\ \Phi_{100}^{4}\ \Phi_{75}^{4}\ \Phi_{60}^{2}\ \Phi_{50}^{5}\ \Phi_{30}^{4}\ \Phi_{25}^{5}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{12}\ \Phi_{10}^{5}\ \Phi_{6}^{2}\ \Phi_{5}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55489	1029	876	$\frac{3}{73}$	$\frac{10}{73}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{876}^{2}\ \Phi_{292}^{2}\ \Phi_{73}^{2}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
55490	1029	264	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{264}^{4}\ \Phi_{132}^{2}\ \Phi_{88}^{6}\ \Phi_{66}^{4}\ \Phi_{44}^{4}\ \Phi_{33}^{4}\ \Phi_{24}^{2}\ \Phi_{22}^{5}\ \Phi_{12}\ \Phi_{11}^{5}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55491	1029	1720	$\frac{3}{172}$	$\frac{169}{860}$	$\frac{1}{4}$	$\frac{691}{1720}$	$\Phi_{1720}\ \Phi_{344}\ \Phi_{172}\ \Phi_{86}\ \Phi_{43}\ \Phi_{40}\ \Phi_{8}\ \Phi_{1}$
55492	1029	880	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{880}^{2}\ \Phi_{176}^{2}\ \Phi_{110}^{2}\ \Phi_{80}\ \Phi_{55}^{2}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
55493	1029	512	$\frac{5}{512}$	$\frac{1}{4}$	$\frac{169}{512}$	$\frac{3}{8}$	$\Phi_{512}^{2}\ \Phi_{256}^{2}\ \Phi_{128}^{2}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55494	1029	1040	$\frac{11}{1040}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
55495	1029	1280	$\frac{5}{256}$	$\frac{251}{1280}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
55496	1029	352	$\frac{9}{352}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{352}^{3}\ \Phi_{176}^{3}\ \Phi_{88}^{3}\ \Phi_{44}^{3}\ \Phi_{32}^{2}\ \Phi_{22}^{3}\ \Phi_{16}^{2}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55497	1029	152	$\frac{5}{152}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{152}^{7}\ \Phi_{76}^{7}\ \Phi_{38}^{7}\ \Phi_{19}^{7}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55498	1029	384	$\frac{5}{128}$	$\frac{41}{384}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{384}^{3}\ \Phi_{192}^{3}\ \Phi_{128}^{2}\ \Phi_{96}^{3}\ \Phi_{64}^{2}\ \Phi_{48}^{3}\ \Phi_{32}^{2}\ \Phi_{24}^{3}\ \Phi_{16}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55499	1029	1088	$\frac{59}{1088}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1088}\ \Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
55500	1029	296	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{12}{37}$	$\frac{25}{74}$	$\Phi_{296}^{4}\ \Phi_{148}^{4}\ \Phi_{74}\ \Phi_{37}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
55501	1029	516	$\frac{1}{86}$	$\frac{1}{4}$	$\frac{85}{258}$	$\frac{173}{516}$	$\Phi_{516}\ \Phi_{258}^{2}\ \Phi_{172}^{3}\ \Phi_{129}^{2}\ \Phi_{86}^{3}\ \Phi_{43}^{3}\ \Phi_{12}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55502	1029	657	$\frac{1}{73}$	$\frac{2}{9}$	$\frac{24}{73}$	$\frac{1}{3}$	$\Phi_{657}^{2}\ \Phi_{73}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
55503	1029	510	$\frac{2}{51}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{510}^{2}\ \Phi_{255}^{2}\ \Phi_{170}^{2}\ \Phi_{102}^{2}\ \Phi_{85}^{2}\ \Phi_{51}^{3}\ \Phi_{34}^{2}\ \Phi_{17}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55504	1029	900	$\frac{1}{50}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{900}^{2}\ \Phi_{450}\ \Phi_{225}\ \Phi_{180}^{2}\ \Phi_{100}^{2}\ \Phi_{90}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
55505	1029	408	$\frac{2}{51}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{408}^{3}\ \Phi_{204}^{2}\ \Phi_{136}^{3}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{51}^{3}\ \Phi_{34}^{2}\ \Phi_{17}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55506	1029	657	$\frac{3}{73}$	$\frac{10}{73}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{657}^{2}\ \Phi_{73}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
55507	1029	792	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}^{2}\ \Phi_{72}\ \Phi_{44}^{2}\ \Phi_{36}\ \Phi_{22}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55508	1029	1275	$\frac{2}{51}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{51}\ \Phi_{25}\ \Phi_{17}\ \Phi_{1}$
55509	1029	360	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{23}{72}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{90}^{4}\ \Phi_{72}^{5}\ \Phi_{45}^{4}\ \Phi_{36}^{5}\ \Phi_{18}^{5}\ \Phi_{10}^{2}\ \Phi_{9}^{5}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
55510	1029	72	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{23}{72}$	$\Phi_{72}^{21}\ \Phi_{36}^{21}\ \Phi_{18}^{21}\ \Phi_{9}^{21}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55511	1029	1800	$\frac{1}{24}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{23}{72}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{225}\ \Phi_{72}\ \Phi_{36}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
55512	1029	260	$\frac{3}{52}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{260}^{4}\ \Phi_{130}^{4}\ \Phi_{65}^{4}\ \Phi_{52}^{5}\ \Phi_{26}^{5}\ \Phi_{13}^{5}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55513	1029	320	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{15}{64}$	$\frac{3}{10}$	$\Phi_{320}^{4}\ \Phi_{160}^{4}\ \Phi_{64}^{5}\ \Phi_{32}^{5}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55514	1029	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{3}{10}$	$\Phi_{60}^{17}\ \Phi_{30}^{17}\ \Phi_{20}^{17}\ \Phi_{15}^{17}\ \Phi_{12}^{16}\ \Phi_{10}^{19}\ \Phi_{6}^{16}\ \Phi_{5}^{19}\ \Phi_{4}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
55515	1029	270	$\frac{5}{54}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{270}^{4}\ \Phi_{135}^{4}\ \Phi_{90}^{4}\ \Phi_{54}^{5}\ \Phi_{45}^{4}\ \Phi_{27}^{5}\ \Phi_{18}^{5}\ \Phi_{10}^{2}\ \Phi_{9}^{5}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55516	1029	40	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{3}{10}$	$\Phi_{40}^{24}\ \Phi_{20}^{24}\ \Phi_{10}^{26}\ \Phi_{8}^{30}\ \Phi_{5}^{26}\ \Phi_{4}^{30}\ \Phi_{2}^{32}\ \Phi_{1}^{33}$
55517	1029	257	$\frac{26}{257}$	$\frac{32}{257}$	$\frac{33}{257}$	$\frac{75}{257}$	$\Phi_{257}^{4}\ \Phi_{1}^{5}$
55518	1029	360	$\frac{17}{360}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{72}^{3}\ \Phi_{60}^{3}\ \Phi_{45}^{3}\ \Phi_{40}^{3}\ \Phi_{36}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{18}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55519	1029	296	$\frac{15}{148}$	$\frac{1}{8}$	$\frac{19}{148}$	$\frac{43}{148}$	$\Phi_{296}^{4}\ \Phi_{148}^{3}\ \Phi_{74}^{3}\ \Phi_{37}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55520	1029	660	$\frac{1}{22}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{660}^{2}\ \Phi_{330}\ \Phi_{220}^{2}\ \Phi_{165}\ \Phi_{132}^{2}\ \Phi_{110}^{2}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
55521	1029	408	$\frac{3}{68}$	$\frac{65}{408}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{408}^{3}\ \Phi_{204}^{3}\ \Phi_{136}^{3}\ \Phi_{102}^{3}\ \Phi_{51}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55522	1029	360	$\frac{17}{360}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{72}^{3}\ \Phi_{60}^{3}\ \Phi_{45}^{3}\ \Phi_{40}^{3}\ \Phi_{36}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55523	1029	104	$\frac{3}{52}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{104}^{12}\ \Phi_{52}^{9}\ \Phi_{26}^{9}\ \Phi_{13}^{9}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55524	1029	64	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{15}{64}$	$\frac{1}{4}$	$\Phi_{64}^{21}\ \Phi_{32}^{21}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55525	1029	1300	$\frac{3}{52}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{325}\ \Phi_{52}\ \Phi_{26}\ \Phi_{25}\ \Phi_{13}\ \Phi_{1}$
55526	1029	160	$\frac{13}{160}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{160}^{7}\ \Phi_{80}^{7}\ \Phi_{40}^{7}\ \Phi_{32}^{7}\ \Phi_{20}^{7}\ \Phi_{10}^{7}\ \Phi_{8}^{3}\ \Phi_{5}^{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55527	1029	120	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{60}$	$\frac{1}{4}$	$\Phi_{120}^{12}\ \Phi_{60}^{9}\ \Phi_{40}^{12}\ \Phi_{30}^{9}\ \Phi_{20}^{9}\ \Phi_{15}^{9}\ \Phi_{10}^{9}\ \Phi_{8}^{3}\ \Phi_{5}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55528	1029	216	$\frac{5}{54}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{216}^{6}\ \Phi_{108}^{4}\ \Phi_{72}^{6}\ \Phi_{54}^{5}\ \Phi_{36}^{4}\ \Phi_{27}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55529	1029	384	$\frac{41}{384}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{4}$	$\Phi_{384}^{3}\ \Phi_{192}^{3}\ \Phi_{128}^{3}\ \Phi_{96}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55530	1029	8	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{8}^{129}\ \Phi_{4}^{128}\ \Phi_{2}^{128}\ \Phi_{1}^{129}$
55531	1029	1600	$\frac{1}{16}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{15}{64}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{64}\ \Phi_{32}\ \Phi_{25}\ \Phi_{1}$
55532	1029	300	$\frac{1}{12}$	$\frac{4}{25}$	$\frac{11}{60}$	$\frac{1}{5}$	$\Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{100}^{4}\ \Phi_{75}^{4}\ \Phi_{60}\ \Phi_{50}^{4}\ \Phi_{30}\ \Phi_{25}^{5}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
55533	1029	1350	$\frac{5}{54}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{225}\ \Phi_{54}\ \Phi_{27}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
55534	1029	200	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{200}^{6}\ \Phi_{100}^{6}\ \Phi_{50}^{6}\ \Phi_{25}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
55535	1030	1026	$\frac{2}{513}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{511}{1026}$	$\Phi_{1026}^{2}\ \Phi_{342}^{2}\ \Phi_{114}^{2}\ \Phi_{54}^{2}\ \Phi_{38}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
55536	1030	1640	$\frac{1}{205}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{102}{205}$	$\Phi_{1640}\ \Phi_{328}\ \Phi_{205}\ \Phi_{41}\ \Phi_{40}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
55537	1030	2064	$\frac{1}{172}$	$\frac{173}{688}$	$\frac{1}{3}$	$\frac{171}{344}$	$\Phi_{2064}\ \Phi_{516}\ \Phi_{258}\ \Phi_{129}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
55538	1030	3072	$\frac{3}{512}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{509}{1024}$	$\Phi_{3072}\ \Phi_{12}\ \Phi_{6}$
55539	1030	882	$\frac{1}{147}$	$\frac{74}{441}$	$\frac{367}{882}$	$\frac{73}{147}$	$\Phi_{882}^{2}\ \Phi_{294}^{2}\ \Phi_{147}\ \Phi_{126}^{2}\ \Phi_{98}^{2}\ \Phi_{49}\ \Phi_{42}^{2}\ \Phi_{21}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
55540	1030	1022	$\frac{4}{511}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{507}{1022}$	$\Phi_{1022}^{2}\ \Phi_{146}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
55541	1030	612	$\frac{1}{102}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{101}{204}$	$\Phi_{612}^{3}\ \Phi_{204}^{4}\ \Phi_{68}^{4}\ \Phi_{36}^{3}\ \Phi_{12}^{4}\ \Phi_{9}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
55542	1030	204	$\frac{1}{102}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{101}{204}$	$\Phi_{204}^{10}\ \Phi_{68}^{10}\ \Phi_{12}^{10}\ \Phi_{6}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
55543	1030	138	$\frac{1}{69}$	$\frac{1}{6}$	$\frac{35}{138}$	$\frac{34}{69}$	$\Phi_{138}^{7}\ \Phi_{69}^{8}\ \Phi_{46}^{7}\ \Phi_{23}^{8}\ \Phi_{6}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
55544	1030	203	$\frac{3}{203}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{100}{203}$	$\Phi_{203}^{5}\ \Phi_{29}^{5}\ \Phi_{7}^{7}\ \Phi_{1}^{8}$
55545	1030	196	$\frac{1}{49}$	$\frac{5}{98}$	$\frac{93}{196}$	$\frac{24}{49}$	$\Phi_{196}^{10}\ \Phi_{49}\ \Phi_{28}^{10}\ \Phi_{7}\ \Phi_{4}^{10}\ \Phi_{1}^{2}$
55546	1030	147	$\frac{1}{49}$	$\frac{5}{49}$	$\frac{44}{147}$	$\frac{24}{49}$	$\Phi_{147}^{10}\ \Phi_{49}\ \Phi_{21}^{10}\ \Phi_{7}\ \Phi_{3}^{10}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
55547	1030	588	$\frac{1}{49}$	$\frac{73}{588}$	$\frac{25}{98}$	$\frac{24}{49}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{147}^2\ \Phi_{84}^2\ \Phi_{49}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
55548	1030	1008	$\frac{11}{504}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{493}{1008}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{48}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
55549	1030	1008	$\frac{11}{504}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{493}{1008}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
55550	1030	1008	$\frac{11}{504}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{493}{1008}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
55551	1030	2200	$\frac{3}{100}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{97}{200}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
55552	1030	198	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{95}{198}$	$\Phi_{198}^4\ \Phi_{99}^6\ \Phi_{66}^4\ \Phi_{33}^6\ \Phi_{22}^4\ \Phi_{18}^7\ \Phi_{11}^6\ \Phi_9^8\ \Phi_6^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
55553	1030	690	$\frac{1}{23}$	$\frac{12}{115}$	$\frac{1}{6}$	$\frac{11}{23}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{230}^2\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
55554	1030	756	$\frac{11}{252}$	$\frac{1}{21}$	$\frac{241}{756}$	$\frac{10}{21}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
55555	1030	546	$\frac{1}{21}$	$\frac{31}{546}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{21}\ \Phi_{13}^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
55556	1030	672	$\frac{1}{21}$	$\frac{11}{168}$	$\frac{157}{672}$	$\frac{10}{21}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
55557	1030	126	$\frac{1}{21}$	$\frac{11}{126}$	$\frac{23}{126}$	$\frac{10}{21}$	$\Phi_{126}^8\ \Phi_{63}^8\ \Phi_{42}^8\ \Phi_{21}^9\ \Phi_{18}^8\ \Phi_{14}^8\ \Phi_9^8\ \Phi_7^9\ \Phi_6^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^{10}$
55558	1030	567	$\frac{1}{21}$	$\frac{52}{567}$	$\frac{11}{63}$	$\frac{10}{21}$	$\Phi_{567}^2\ \Phi_{189}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
55559	1030	588	$\frac{1}{21}$	$\frac{73}{588}$	$\frac{11}{84}$	$\frac{10}{21}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
55560	1030	196	$\frac{5}{98}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{93}{196}$	$\Phi_{196}^{10}\ \Phi_{49}\ \Phi_{28}^{10}\ \Phi_7\ \Phi_4^{10}\ \Phi_1^2$
55561	1030	2112	$\frac{7}{96}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{89}{192}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
55562	1030	528	$\frac{13}{528}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
55563	1030	2838	$\frac{1}{43}$	$\frac{42}{473}$	$\frac{1}{3}$	$\frac{431}{946}$	$\Phi_{2838}\ \Phi_{258}\ \Phi_{129}\ \Phi_{66}\ \Phi_6$
55564	1030	189	$\frac{1}{21}$	$\frac{17}{189}$	$\frac{4}{21}$	$\frac{86}{189}$	$\Phi_{189}^5\ \Phi_{63}^5\ \Phi_{27}^5\ \Phi_{21}^9\ \Phi_9^5\ \Phi_7^9\ \Phi_3^9\ \Phi_1^{10}$
55565	1030	126	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{23}{126}$	$\frac{19}{42}$	$\Phi_{126}^{10}\ \Phi_{63}^{10}\ \Phi_{21}^9\ \Phi_{18}^{10}\ \Phi_9^{10}\ \Phi_7^9\ \Phi_3^9\ \Phi_1^{10}$
55566	1030	315	$\frac{2}{105}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{315}^3\ \Phi_{105}^4\ \Phi_{63}^3\ \Phi_{45}^3\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_9\ \Phi_7^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
55567	1030	153	$\frac{1}{51}$	$\frac{1}{9}$	$\frac{50}{153}$	$\frac{4}{9}$	$\Phi_{153}^7\ \Phi_{51}^6\ \Phi_{17}^6\ \Phi_9^8\ \Phi_3^7\ \Phi_1^8$
55568	1030	1224	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{33}{136}$	$\frac{4}{9}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{72}\ \Phi_{68}^2\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
55569	1030	108	$\frac{5}{108}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{108}^{10}\ \Phi_{54}^{10}\ \Phi_{36}^{10}\ \Phi_{27}^{10}\ \Phi_{18}^7\ \Phi_{12}^{10}\ \Phi_9^8\ \Phi_6^6\ \Phi_4^{10}\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
55570	1030	1071	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{16}{119}$	$\frac{4}{9}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{119}^2\ \Phi_{63}\ \Phi_{21}\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
55571	1030	552	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{1}{6}$	$\frac{81}{184}$	$\Phi_{552}^4\ \Phi_{184}^2\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{24}^4\ \Phi_8^2$
55572	1030	1232	$\frac{9}{112}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}$
55573	1030	2002	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{12}{91}$	$\frac{79}{182}$	$\Phi_{2002}\ \Phi_{286}\ \Phi_{154}\ \Phi_{143}\ \Phi_{22}$
55574	1030	903	$\frac{2}{129}$	$\frac{127}{903}$	$\frac{1}{3}$	$\frac{388}{903}$	$\Phi_{903}\ \Phi_{301}\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
55575	1030	105	$\frac{2}{105}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{105}^{10}\ \Phi_{35}^{10}\ \Phi_{21}^{10}\ \Phi_{15}^{10}\ \Phi_7^7\ \Phi_5^{10}\ \Phi_3^{10}\ \Phi_1^8$
55576	1030	147	$\frac{2}{147}$	$\frac{29}{147}$	$\frac{44}{147}$	$\frac{59}{147}$	$\Phi_{147}^7\ \Phi_{49}^7\ \Phi_{21}^7\ \Phi_7^7\ \Phi_3^7\ \Phi_1^8$
55577	1030	516	$\frac{1}{86}$	$\frac{17}{86}$	$\frac{1}{3}$	$\frac{69}{172}$	$\Phi_{516}^5\ \Phi_{258}\ \Phi_{129}\ \Phi_{12}^5\ \Phi_6$
55578	1030	532	$\frac{17}{532}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{532}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
55579	1030	168	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{65}{168}$	$\Phi_{168}^{10}\ \Phi_{56}^{10}\ \Phi_{24}^{10}\ \Phi_{21}^9\ \Phi_8^{10}\ \Phi_7^9\ \Phi_3^9\ \Phi_1^{10}$
55580	1030	312	$\frac{1}{104}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{312}^5\ \Phi_{156}^5\ \Phi_{78}^5\ \Phi_{39}^5\ \Phi_{24}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
55581	1030	840	$\frac{2}{105}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{35}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
55582	1030	984	$\frac{1}{41}$	$\frac{20}{123}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{984}^2\ \Phi_{328}\ \Phi_{123}^2\ \Phi_{41}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_3^2\ \Phi_1^2$
55583	1030	1716	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{25}{78}$	$\frac{53}{156}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{286}\ \Phi_{143}\ \Phi_{132}\ \Phi_{44}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
55584	1030	777	$\frac{6}{259}$	$\frac{1}{7}$	$\frac{253}{777}$	$\frac{262}{777}$	$\Phi_{777}\ \Phi_{259}^2\ \Phi_{111}\ \Phi_{37}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
55585	1030	774	$\frac{1}{129}$	$\frac{128}{387}$	$\frac{1}{3}$	$\frac{259}{774}$	$\Phi_{774}^2\ \Phi_{258}^2\ \Phi_{129}^2\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
55586	1030	684	$\frac{2}{171}$	$\frac{169}{684}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
55587	1030	522	$\frac{7}{522}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{522}^2\ \Phi_{261}^2\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
55588	1030	210	$\frac{2}{105}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^6\ \Phi_{105}^4\ \Phi_{70}^6\ \Phi_{42}^6\ \Phi_{35}^4\ \Phi_{30}^6\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
55589	1030	114	$\frac{2}{57}$	$\frac{11}{114}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{114}^{10}\ \Phi_{57}^8\ \Phi_{38}^{10}\ \Phi_{19}^8\ \Phi_6^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
55590	1030	108	$\frac{5}{108}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{108}^{10}\ \Phi_{54}^{10}\ \Phi_{36}^{10}\ \Phi_{27}^8\ \Phi_{18}^{10}\ \Phi_{12}^{10}\ \Phi_9^8\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
55591	1030	768	$\frac{3}{256}$	$\frac{1}{4}$	$\frac{253}{768}$	$\frac{1}{3}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}^2\ \Phi_{192}\ \Phi_{128}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
55592	1030	306	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{50}{153}$	$\frac{1}{3}$	$\Phi_{306}^6\ \Phi_{153}^4\ \Phi_{18}^6\ \Phi_9^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
55593	1030	756	$\frac{11}{252}$	$\frac{1}{12}$	$\frac{241}{756}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
55594	1030	108	$\frac{5}{108}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{108}^{10}\ \Phi_{54}^{10}\ \Phi_{36}^8\ \Phi_{27}^{10}\ \Phi_{18}^8\ \Phi_{12}^{10}\ \Phi_9^8\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
55595	1030	384	$\frac{3}{128}$	$\frac{25}{128}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{384}^4\ \Phi_{192}^4\ \Phi_{96}^4\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
55596	1030	528	$\frac{13}{528}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
55597	1030	576	$\frac{3}{64}$	$\frac{61}{576}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}\ \Phi_{144}^2\ \Phi_{96}\ \Phi_{72}^2\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
55598	1030	1632	$\frac{29}{544}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{12}\ \Phi_6$
55599	1030	408	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{33}{136}$	$\frac{1}{3}$	$\Phi_{408}^3\ \Phi_{204}^3\ \Phi_{136}^4\ \Phi_{68}^4\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
55600	1030	672	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{157}{672}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
55601	1030	129	$\frac{4}{129}$	$\frac{25}{129}$	$\frac{26}{129}$	$\frac{1}{3}$	$\Phi_{129}^8\ \Phi_{43}^8\ \Phi_3^7\ \Phi_1^8$
55602	1030	510	$\frac{2}{51}$	$\frac{1}{6}$	$\frac{49}{255}$	$\frac{1}{3}$	$\Phi_{510}^3\ \Phi_{255}^2\ \Phi_{170}^3\ \Phi_{85}^2\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
55603	1030	108	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{108}^{10}\ \Phi_{54}^{10}\ \Phi_{36}^{10}\ \Phi_{27}^{10}\ \Phi_{18}^{10}\ \Phi_{12}^{10}\ \Phi_9^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
55604	1030	612	$\frac{5}{102}$	$\frac{97}{612}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{153}^2\ \Phi_{68}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
55605	1030	714	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{714}^2\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
55606	1030	576	$\frac{1}{12}$	$\frac{61}{576}$	$\frac{11}{72}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
55607	1030	588	$\frac{1}{12}$	$\frac{73}{588}$	$\frac{11}{84}$	$\frac{1}{3}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
55608	1030	756	$\frac{11}{252}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{241}{756}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
55609	1030	594	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{91}{297}$	$\Phi_{594}^3\ \Phi_{297}^2\ \Phi_{54}^3\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
55610	1030	147	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{44}{147}$	$\Phi_{147}^{10}\ \Phi_{49}\ \Phi_{21}^{10}\ \Phi_7\ \Phi_3^{10}\ \Phi_1^2$
55611	1030	1320	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{7}{24}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
55612	1030	1584	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{144}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
55613	1030	126	$\frac{1}{21}$	$\frac{23}{126}$	$\frac{4}{21}$	$\frac{17}{63}$	$\Phi_{126}^{10}\ \Phi_{63}^5\ \Phi_{42}^{10}\ \Phi_{21}^9\ \Phi_{18}^{10}\ \Phi_{14}^{10}\ \Phi_9^5\ \Phi_7^9\ \Phi_6^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
55614	1030	546	$\frac{31}{546}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
55615	1030	138	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{11}{46}$	$\frac{35}{138}$	$\Phi_{138}^7\ \Phi_{69}^7\ \Phi_{46}^9\ \Phi_{23}^8\ \Phi_6^6\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
55616	1030	1320	$\frac{1}{11}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
55617	1030	672	$\frac{11}{168}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{157}{672}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
55618	1030	1408	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{25}{128}$	$\frac{7}{32}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
55619	1030	112	$\frac{9}{112}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{112}^{10}\ \Phi_{56}^{8}\ \Phi_{28}^{8}\ \Phi_{16}^{10}\ \Phi_{14}^{10}\ \Phi_{8}^{8}\ \Phi_{7}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
55620	1030	126	$\frac{11}{126}$	$\frac{1}{7}$	$\frac{23}{126}$	$\frac{3}{14}$	$\Phi_{126}^{8}\ \Phi_{63}^{8}\ \Phi_{42}^{8}\ \Phi_{21}^{8}\ \Phi_{18}^{8}\ \Phi_{14}^{10}\ \Phi_{9}^{8}\ \Phi_{7}^{9}\ \Phi_{6}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
55621	1030	588	$\frac{73}{588}$	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{588}^{2}\ \Phi_{294}^{2}\ \Phi_{196}^{2}\ \Phi_{147}^{2}\ \Phi_{98}^{2}\ \Phi_{49}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
55622	1031	1648	$\frac{1}{206}$	$\frac{207}{824}$	$\frac{617}{1648}$	$\frac{205}{412}$	$\Phi_{1648}\ \Phi_{412}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
55623	1031	2040	$\frac{11}{1020}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1009}{2040}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{136}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55624	1031	2040	$\frac{11}{1020}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1009}{2040}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{136}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
55625	1031	1380	$\frac{4}{345}$	$\frac{1}{5}$	$\frac{349}{1380}$	$\frac{341}{690}$	$\Phi_{1380}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}\ \Phi_{115}\ \Phi_{92}\ \Phi_{69}\ \Phi_{60}\ \Phi_{23}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
55626	1031	2000	$\frac{31}{1000}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{969}{2000}$	$\Phi_{2000}\ \Phi_{400}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55627	1031	1150	$\frac{4}{115}$	$\frac{119}{1150}$	$\frac{1}{5}$	$\frac{111}{230}$	$\Phi_{1150}\ \Phi_{575}\ \Phi_{115}\ \Phi_{50}\ \Phi_{25}\ \Phi_{23}\ \Phi_{1}$
55628	1031	1980	$\frac{41}{990}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{949}{1980}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{132}\ \Phi_{60}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
55629	1031	1920	$\frac{71}{960}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{889}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55630	1031	1080	$\frac{49}{1080}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
55631	1031	1360	$\frac{11}{340}$	$\frac{1}{10}$	$\frac{329}{1360}$	$\frac{9}{20}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{272}\ \Phi_{136}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55632	1031	1080	$\frac{49}{1080}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55633	1031	1120	$\frac{89}{1120}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{160}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
55634	1031	1840	$\frac{4}{115}$	$\frac{111}{920}$	$\frac{1}{5}$	$\frac{809}{1840}$	$\Phi_{1840}\ \Phi_{368}\ \Phi_{115}\ \Phi_{80}\ \Phi_{23}\ \Phi_{16}\ \Phi_{1}$
55635	1031	1820	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{121}{910}$	$\frac{789}{1820}$	$\Phi_{1820}\ \Phi_{364}\ \Phi_{260}\ \Phi_{140}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
55636	1031	1050	$\frac{19}{1050}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}\ \Phi_{50}\ \Phi_{42}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
55637	1031	1560	$\frac{9}{260}$	$\frac{1}{10}$	$\frac{251}{780}$	$\frac{529}{1560}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{260}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{24}\ \Phi_{20}\ \Phi_{13}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55638	1031	1530	$\frac{11}{510}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{499}{1530}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{306}\ \Phi_{153}\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
55639	1031	1485	$\frac{41}{495}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{454}{1485}$	$\Phi_{1485}\ \Phi_{297}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
55640	1031	1200	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{169}{1200}$	$\frac{71}{240}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55641	1031	1440	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{480}$	$\frac{409}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55642	1031	1275	$\frac{11}{255}$	$\frac{244}{1275}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
55643	1031	1080	$\frac{49}{1080}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
55644	1031	1380	$\frac{4}{115}$	$\frac{1}{5}$	$\frac{111}{460}$	$\frac{349}{1380}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{115}\ \Phi_{69}\ \Phi_{60}\ \Phi_{30}\ \Phi_{23}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
55645	1031	1200	$\frac{1}{10}$	$\frac{169}{1200}$	$\frac{31}{200}$	$\frac{9}{40}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
55646	1031	1280	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{249}{1280}$	$\frac{71}{320}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{256}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55647	1032	771	$\frac{1}{257}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{128}{257}$	$\Phi_{771}\ \Phi_{257}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
55648	1032	1031	$\frac{5}{1031}$	$\frac{259}{1031}$	$\frac{386}{1031}$	$\frac{513}{1031}$	$\Phi_{1031}\ \Phi_{1}^{2}$
55649	1032	1551	$\frac{3}{517}$	$\frac{130}{517}$	$\frac{1}{3}$	$\frac{257}{517}$	$\Phi_{1551}\ \Phi_{141}\ \Phi_{33}$
55650	1032	855	$\frac{1}{171}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{85}{171}$	$\Phi_{855}\ \Phi_{285}\ \Phi_{171}^{2}\ \Phi_{95}\ \Phi_{57}^{2}\ \Phi_{45}\ \Phi_{19}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
55651	1032	684	$\frac{1}{171}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{85}{171}$	$\Phi_{684}^{2}\ \Phi_{342}^{2}\ \Phi_{228}^{2}\ \Phi_{114}^{2}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
55652	1032	1031	$\frac{7}{1031}$	$\frac{173}{1031}$	$\frac{429}{1031}$	$\frac{512}{1031}$	$\Phi_{1031}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
55653	1032	1792	$\frac{1}{128}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{127}{256}$	$\Phi_{1792}\ \Phi_{256}^2\ \Phi_7\ \Phi_1^2$
55654	1032	3840	$\frac{1}{128}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{127}{256}$	$\Phi_{3840}\ \Phi_{15}$
55655	1032	460	$\frac{1}{115}$	$\frac{1}{4}$	$\frac{29}{115}$	$\frac{57}{115}$	$\Phi_{460}^3\ \Phi_{230}^3\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_4^2\ \Phi_2^2$
55656	1032	1031	$\frac{9}{1031}$	$\frac{257}{1031}$	$\frac{260}{1031}$	$\frac{511}{1031}$	$\Phi_{1031}\ \Phi_1^2$
55657	1032	1551	$\frac{5}{517}$	$\frac{87}{517}$	$\frac{1}{3}$	$\frac{256}{517}$	$\Phi_{1551}\ \Phi_{141}\ \Phi_{33}$
55658	1032	935	$\frac{1}{85}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{42}{85}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}^2\ \Phi_{55}\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
55659	1032	1785	$\frac{1}{85}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{42}{85}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{105}\ \Phi_{21}^2$
55660	1032	935	$\frac{1}{85}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{42}{85}$	$\Phi_{935}\ \Phi_{187}\ \Phi_{85}^2\ \Phi_{55}\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
55661	1032	340	$\frac{1}{85}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{42}{85}$	$\Phi_{340}^4\ \Phi_{170}^4\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_4^4\ \Phi_2^4$
55662	1032	1031	$\frac{13}{1031}$	$\frac{87}{1031}$	$\frac{472}{1031}$	$\frac{509}{1031}$	$\Phi_{1031}\ \Phi_1^2$
55663	1032	828	$\frac{1}{69}$	$\frac{35}{207}$	$\frac{1}{4}$	$\frac{34}{69}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{46}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
55664	1032	1031	$\frac{17}{1031}$	$\frac{131}{1031}$	$\frac{300}{1031}$	$\frac{507}{1031}$	$\Phi_{1031}\ \Phi_1^2$
55665	1032	1211	$\frac{3}{173}$	$\frac{1}{7}$	$\frac{44}{173}$	$\frac{85}{173}$	Φ_{1211}
55666	1032	1031	$\frac{19}{1031}$	$\frac{175}{1031}$	$\frac{214}{1031}$	$\frac{506}{1031}$	$\Phi_{1031}\ \Phi_1^2$
55667	1032	1295	$\frac{5}{259}$	$\frac{44}{259}$	$\frac{1}{5}$	$\frac{127}{259}$	$\Phi_{1295}\ \Phi_{185}\ \Phi_{35}$
55668	1032	759	$\frac{5}{253}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{124}{253}$	$\Phi_{759}^2\ \Phi_{69}^2\ \Phi_{33}^3\ \Phi_3^2$
55669	1032	1380	$\frac{7}{345}$	$\frac{44}{345}$	$\frac{1}{4}$	$\frac{169}{345}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{276}\ \Phi_{230}\ \Phi_{138}\ \Phi_{92}\ \Phi_{60}\ \Phi_{46}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
55670	1032	1031	$\frac{21}{1031}$	$\frac{128}{1031}$	$\frac{263}{1031}$	$\frac{505}{1031}$	$\Phi_{1031}\ \Phi_1^2$
55671	1032	141	$\frac{1}{47}$	$\frac{4}{47}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{141}^{11}\ \Phi_3^{10}$
55672	1032	1932	$\frac{1}{42}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{41}{84}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{276}\ \Phi_{92}\ \Phi_{84}^2\ \Phi_{28}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
55673	1032	1092	$\frac{1}{42}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{1092}^2\ \Phi_{364}^2\ \Phi_{156}^2\ \Phi_{52}^2\ \Phi_{39}$
55674	1032	1932	$\frac{1}{42}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{41}{84}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{276}\ \Phi_{92}\ \Phi_{84}^2\ \Phi_{28}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
55675	1032	252	$\frac{1}{42}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{41}{84}$	$\Phi_{252}^3\ \Phi_{126}^6\ \Phi_{84}^2\ \Phi_{63}^6\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^2\ \Phi_{21}^4\ \Phi_{18}^7\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_9^6\ \Phi_7^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
55676	1032	1932	$\frac{1}{42}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{41}{84}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{276}\ \Phi_{92}\ \Phi_{84}^2\ \Phi_{28}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
55677	1032	420	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{41}{84}$	$\Phi_{420}^6\ \Phi_{140}^6\ \Phi_{60}^6\ \Phi_{35}\ \Phi_{20}^6$
55678	1032	740	$\frac{1}{37}$	$\frac{19}{148}$	$\frac{1}{5}$	$\frac{18}{37}$	$\Phi_{740}^2\ \Phi_{370}^2\ \Phi_{185}\ \Phi_{20}^2\ \Phi_{10}^2$
55679	1032	2250	$\frac{4}{125}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{121}{250}$	$\Phi_{2250}\ \Phi_{750}\ \Phi_{450}\ \Phi_{150}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
55680	1032	754	$\frac{1}{29}$	$\frac{1}{13}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{754}^2\ \Phi_{377}\ \Phi_{26}^2$
55681	1032	468	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{9}{52}$	$\frac{25}{52}$	$\Phi_{468}^2\ \Phi_{234}^3\ \Phi_{156}^2\ \Phi_{117}^3\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{36}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
55682	1032	660	$\frac{7}{165}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{79}{165}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^3\ \Phi_{44}^2\ \Phi_{30}^3\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
55683	1032	1035	$\frac{1}{23}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}\ \Phi_{115}\ \Phi_{45}^2\ \Phi_{23}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_1^2$
55684	1032	1449	$\frac{1}{23}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{11}{23}$	$\Phi_{1449}\ \Phi_{207}\ \Phi_{63}^2\ \Phi_{23}\ \Phi_9^2\ \Phi_1^2$
55685	1032	92	$\frac{1}{23}$	$\frac{3}{46}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{92}^{15}\ \Phi_{46}^7\ \Phi_{23}^8\ \Phi_4^{14}\ \Phi_2^6\ \Phi_1^8$
55686	1032	1288	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{11}{23}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{184}\ \Phi_{92}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
55687	1032	1104	$\frac{1}{23}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{11}{23}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{276}\ \Phi_{184}\ \Phi_{92}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
55688	1032	1127	$\frac{1}{23}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{11}{23}$	$\Phi_{1127}\ \Phi_{49}^2\ \Phi_{23}\ \Phi_1^2$
55689	1032	180	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^7\ \Phi_{36}^8\ \Phi_{30}^7\ \Phi_{20}^7\ \Phi_{18}^8\ \Phi_{12}^7\ \Phi_{10}^7\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
55690	1032	644	$\frac{1}{23}$	$\frac{11}{161}$	$\frac{1}{4}$	$\frac{75}{161}$	$\Phi_{644}^2\ \Phi_{322}^2\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_4^2\ \Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
55691	1032	400	$\frac{1}{25}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{400}^5\ \Phi_{100}\ \Phi_{80}^4\ \Phi_{50}\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{10}$
55692	1032	720	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{37}{80}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{144}^3\ \Phi_{90}\ \Phi_{48}^3\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
55693	1032	132	$\frac{1}{44}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{132}^{12}\ \Phi_{66}^{12}\ \Phi_{33}^{11}\ \Phi_{12}^{12}\ \Phi_6^{12}\ \Phi_3^{10}$
55694	1032	495	$\frac{2}{45}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{55}\ \Phi_{45}^4\ \Phi_{33}^2\ \Phi_{15}^4\ \Phi_{11}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
55695	1032	561	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{8}{51}$	$\frac{5}{11}$	$\Phi_{561}^2\ \Phi_{187}\ \Phi_{51}^4\ \Phi_{33}^2\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_3^4\ \Phi_1^4$
55696	1032	705	$\frac{1}{47}$	$\frac{23}{235}$	$\frac{1}{3}$	$\frac{106}{235}$	$\Phi_{705}^2\ \Phi_{141}^3\ \Phi_{15}^2\ \Phi_3^2$
55697	1032	1260	$\frac{11}{140}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
55698	1032	234	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{9}$	$\frac{35}{78}$	$\Phi_{234}^9\ \Phi_{117}\ \Phi_{78}^6\ \Phi_{39}\ \Phi_{26}^6\ \Phi_{18}^9\ \Phi_6^6\ \Phi_2^6$
55699	1032	1100	$\frac{1}{44}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{220}\ \Phi_{110}\ \Phi_{100}\ \Phi_{55}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
55700	1032	448	$\frac{1}{64}$	$\frac{1}{7}$	$\frac{21}{64}$	$\frac{3}{7}$	$\Phi_{448}^2\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{64}^4\ \Phi_{56}^2\ \Phi_{32}^4\ \Phi_{28}^2\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_8^4\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
55701	1032	308	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{308}^3\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{44}^6\ \Phi_{28}^2\ \Phi_{22}^6\ \Phi_{14}^2\ \Phi_{11}^6\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
55702	1032	665	$\frac{4}{133}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{665}^2\ \Phi_{95}^2\ \Phi_{35}$
55703	1032	1120	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{31}{160}$	$\frac{3}{7}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{160}^2\ \Phi_{140}\ \Phi_{80}^2\ \Phi_{70}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
55704	1032	952	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{136}^2\ \Phi_{119}\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_7\ \Phi_1^2$
55705	1032	336	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^2\ \Phi_{84}^3\ \Phi_{56}^2\ \Phi_{48}^6\ \Phi_{42}^3\ \Phi_{28}^2\ \Phi_{24}^6\ \Phi_{21}^3\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_{12}^6\ \Phi_8^4\ \Phi_7^3\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
55706	1032	370	$\frac{1}{37}$	$\frac{6}{37}$	$\frac{1}{5}$	$\frac{31}{74}$	$\Phi_{370}^6\ \Phi_{185}\ \Phi_{10}^6$
55707	1032	1031	$\frac{17}{1031}$	$\frac{169}{1031}$	$\frac{300}{1031}$	$\frac{431}{1031}$	$\Phi_{1031}\ \Phi_1^2$
55708	1032	1551	$\frac{7}{517}$	$\frac{85}{517}$	$\frac{1}{3}$	$\frac{216}{517}$	$\Phi_{1551}\ \Phi_{141}\ \Phi_{33}$
55709	1032	1031	$\frac{14}{1031}$	$\frac{173}{1031}$	$\frac{339}{1031}$	$\frac{429}{1031}$	$\Phi_{1031}\ \Phi_1^2$
55710	1032	435	$\frac{1}{87}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{435}^2\ \Phi_{145}^2\ \Phi_{87}^4\ \Phi_{29}^4\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
55711	1032	700	$\frac{3}{175}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{14}^2\ \Phi_{10}$
55712	1032	285	$\frac{1}{57}$	$\frac{1}{5}$	$\frac{14}{57}$	$\frac{2}{5}$	$\Phi_{285}^3\ \Phi_{95}^3\ \Phi_{57}^6\ \Phi_{19}^6\ \Phi_{15}^3\ \Phi_5^4\ \Phi_3^6\ \Phi_1^8$
55713	1032	220	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{220}^5\ \Phi_{110}^5\ \Phi_{55}^5\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{20}^5\ \Phi_{11}^4\ \Phi_{10}^5\ \Phi_4^4\ \Phi_2^4$
55714	1032	45	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{45}^{23}\ \Phi_{15}^{23}\ \Phi_9^{22}\ \Phi_5^{24}\ \Phi_3^{22}\ \Phi_1^{24}$
55715	1032	95	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{95}^{11}\ \Phi_{19}^{10}\ \Phi_5^{12}\ \Phi_1^{12}$
55716	1032	1131	$\frac{1}{87}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1131}\ \Phi_{377}\ \Phi_{39}$
55717	1032	1872	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{25}{104}$	$\frac{79}{208}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{234}\ \Phi_{144}\ \Phi_{117}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{18}\ \Phi_6$
55718	1032	1031	$\frac{19}{1031}$	$\frac{214}{1031}$	$\frac{253}{1031}$	$\frac{389}{1031}$	$\Phi_{1031}\ \Phi_1^2$
55719	1032	276	$\frac{1}{69}$	$\frac{17}{69}$	$\frac{1}{4}$	$\frac{26}{69}$	$\Phi_{276}^5\ \Phi_{138}^5\ \Phi_{92}^5\ \Phi_{46}^5\ \Phi_{12}^5\ \Phi_6^5\ \Phi_4^4\ \Phi_2^4$
55720	1032	1200	$\frac{1}{25}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
55721	1032	1031	$\frac{15}{1031}$	$\frac{254}{1031}$	$\frac{259}{1031}$	$\frac{386}{1031}$	$\Phi_{1031}\ \Phi_1^2$
55722	1032	1100	$\frac{1}{44}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{220}\ \Phi_{110}\ \Phi_{100}\ \Phi_{55}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
55723	1032	1650	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{1650}\ \Phi_{550}\ \Phi_{330}\ \Phi_{275}\ \Phi_{150}\ \Phi_{110}\ \Phi_{55}\ \Phi_{50}\ \Phi_{30}\ \Phi_{10}$
55724	1032	1031	$\frac{20}{1031}$	$\frac{171}{1031}$	$\frac{337}{1031}$	$\frac{347}{1031}$	$\Phi_{1031}\ \Phi_1^2$
55725	1032	1295	$\frac{4}{259}$	$\frac{1}{5}$	$\frac{85}{259}$	$\frac{87}{259}$	$\Phi_{1295}\ \Phi_{185}\ \Phi_{35}$
55726	1032	1031	$\frac{8}{1031}$	$\frac{341}{1031}$	$\frac{343}{1031}$	$\frac{345}{1031}$	$\Phi_{1031}\ \Phi_1^2$
55727	1032	1551	$\frac{4}{517}$	$\frac{171}{517}$	$\frac{1}{3}$	$\frac{173}{517}$	$\Phi_{1551}\ \Phi_{141}\ \Phi_{33}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
55728	1032	390	$\frac{1}{130}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{390}^3\ \Phi_{195}^3\ \Phi_{130}^2\ \Phi_{78}^3\ \Phi_{65}^2\ \Phi_{39}^3\ \Phi_{30}^3\ \Phi_{26}^2\ \Phi_{15}^3\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_2^2$
55729	1032	771	$\frac{2}{257}$	$\frac{85}{257}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{771}\ \Phi_{257}^2\ \Phi_3^2\ \Phi_1^4$
55730	1032	348	$\frac{1}{87}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{348}^4\ \Phi_{174}^4\ \Phi_{116}^4\ \Phi_{58}^4\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
55731	1032	771	$\frac{5}{257}$	$\frac{42}{257}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{771}\ \Phi_{257}^2\ \Phi_3^2\ \Phi_1^4$
55732	1032	924	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{84}\ \Phi_{77}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
55733	1032	585	$\frac{2}{45}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{117}^2\ \Phi_{65}^2\ \Phi_{39}$
55734	1032	2052	$\frac{2}{171}$	$\frac{1}{4}$	$\frac{169}{513}$	$\frac{1}{3}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{108}\ \Phi_{54}\ \Phi_{12}\ \Phi_6$
55735	1032	960	$\frac{1}{64}$	$\frac{1}{5}$	$\frac{21}{64}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{240}^2\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^3$
55736	1032	1551	$\frac{10}{517}$	$\frac{87}{517}$	$\frac{169}{517}$	$\frac{1}{3}$	$\Phi_{1551}\ \Phi_{141}\ \Phi_{33}$
55737	1032	759	$\frac{10}{253}$	$\frac{1}{11}$	$\frac{81}{253}$	$\frac{1}{3}$	$\Phi_{759}^2\ \Phi_{69}^2\ \Phi_{33}^3\ \Phi_3^2$
55738	1032	819	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{819}^2\ \Phi_{117}^2\ \Phi_{39}$
55739	1032	1035	$\frac{2}{45}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}\ \Phi_{115}\ \Phi_{45}^2\ \Phi_{23}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_1^2$
55740	1032	132	$\frac{1}{44}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{132}^{12}\ \Phi_{66}^{12}\ \Phi_{33}^{11}\ \Phi_{12}^{12}\ \Phi_6^{12}\ \Phi_3^{10}$
55741	1032	705	$\frac{1}{47}$	$\frac{46}{235}$	$\frac{63}{235}$	$\frac{1}{3}$	$\Phi_{705}^2\ \Phi_{141}^3\ \Phi_{15}^2\ \Phi_3^2$
55742	1032	1551	$\frac{9}{517}$	$\frac{127}{517}$	$\frac{130}{517}$	$\frac{1}{3}$	$\Phi_{1551}\ \Phi_{141}\ \Phi_{33}$
55743	1032	228	$\frac{1}{57}$	$\frac{14}{57}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^6\ \Phi_{114}^6\ \Phi_{76}^6\ \Phi_{38}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
55744	1032	1404	$\frac{7}{351}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{108}\ \Phi_{78}\ \Phi_{54}\ \Phi_{52}\ \Phi_{26}\ \Phi_{12}\ \Phi_6$
55745	1032	660	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{165}^3\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^3$
55746	1032	1596	$\frac{2}{57}$	$\frac{55}{399}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{266}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
55747	1032	180	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^8\ \Phi_{36}^6\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{18}^6\ \Phi_{12}^7\ \Phi_{10}^8\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
55748	1032	1140	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{228}\ \Phi_{114}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{12}^2\ \Phi_6^2$
55749	1032	141	$\frac{3}{47}$	$\frac{4}{47}$	$\frac{11}{47}$	$\frac{1}{3}$	$\Phi_{141}^{11}\ \Phi_3^{10}$
55750	1032	2184	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{312}\ \Phi_{156}\ \Phi_{39}$
55751	1032	1035	$\frac{2}{45}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}\ \Phi_{115}\ \Phi_{45}^2\ \Phi_{23}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_1^2$
55752	1032	480	$\frac{1}{32}$	$\frac{31}{160}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{120}^3\ \Phi_{96}^4\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4$
55753	1032	315	$\frac{2}{45}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{315}^4\ \Phi_{105}^3\ \Phi_{63}^4\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_7^4$
55754	1032	2040	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{15}$
55755	1032	240	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^6\ \Phi_{60}^5\ \Phi_{40}^6\ \Phi_{30}^5\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{10}^6\ \Phi_5^6$
55756	1032	1365	$\frac{1}{13}$	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{195}\ \Phi_{65}\ \Phi_{39}$
55757	1032	624	$\frac{1}{13}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{39}$
55758	1032	357	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{8}{51}$	$\frac{1}{3}$	$\Phi_{357}^3\ \Phi_{119}^4\ \Phi_{21}^4\ \Phi_7^4$
55759	1032	141	$\frac{4}{47}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{3}$	$\Phi_{141}^{11}\ \Phi_3^{10}$
55760	1032	1911	$\frac{1}{13}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1911}\ \Phi_{39}$
55761	1032	1020	$\frac{2}{85}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{83}{255}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6^2$
55762	1032	555	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{25}{111}$	$\frac{12}{37}$	$\Phi_{555}^3\ \Phi_{185}\ \Phi_{15}^3$
55763	1032	1449	$\frac{1}{21}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{20}{63}$	$\Phi_{1449}\ \Phi_{207}\ \Phi_{63}^2\ \Phi_{23}\ \Phi_9^2\ \Phi_1^2$
55764	1032	252	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{20}{63}$	$\Phi_{252}^5\ \Phi_{126}^5\ \Phi_{84}^6\ \Phi_{42}^6\ \Phi_{36}^6\ \Phi_{28}^6\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
55765	1032	1449	$\frac{1}{21}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{20}{63}$	$\Phi_{1449}\ \Phi_{207}\ \Phi_{63}^2\ \Phi_{23}\ \Phi_9^2\ \Phi_1^2$
55766	1032	315	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{20}{63}$	$\Phi_{315}^6\ \Phi_{45}^6\ \Phi_{35}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
55767	1032	468	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{9}{52}$	$\frac{4}{13}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{156}^3\ \Phi_{117}\ \Phi_{78}^3\ \Phi_{39}\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_6^3$
55768	1032	1980	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{1}{4}$	$\frac{151}{495}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{396}\ \Phi_{198}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
55769	1032	92	$\frac{3}{46}$	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{92}^{15}\ \Phi_{46}^7\ \Phi_{23}^8\ \Phi_4^{14}\ \Phi_2^6\ \Phi_1^8$
55770	1032	1288	$\frac{1}{14}$	$\frac{2}{23}$	$\frac{13}{56}$	$\frac{7}{23}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{184}\ \Phi_{92}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
55771	1032	1104	$\frac{2}{23}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{7}{23}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{276}\ \Phi_{184}\ \Phi_{92}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
55772	1032	1127	$\frac{2}{23}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{7}{23}$	$\Phi_{1127}\ \Phi_{49}^2\ \Phi_{23}\ \Phi_1^2$
55773	1032	450	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{7}{50}$	$\frac{3}{10}$	$\Phi_{450}^3\ \Phi_{225}^3\ \Phi_{150}^3\ \Phi_{90}\ \Phi_{75}^3\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
55774	1032	1932	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{1}{4}$	$\frac{139}{483}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{84}\ \Phi_{46}\ \Phi_{42}\ \Phi_{12}\ \Phi_6$
55775	1032	455	$\frac{5}{91}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{455}^3\ \Phi_{65}^3\ \Phi_{35}$
55776	1032	300	$\frac{1}{25}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{300}^5\ \Phi_{150}^5\ \Phi_{100}\ \Phi_{75}^5\ \Phi_{60}^4\ \Phi_{50}\ \Phi_{30}^4\ \Phi_{20}\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^4\ \Phi_3^4$
55777	1032	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{17}{60}$	$\Phi_{180}^6\ \Phi_{90}^7\ \Phi_{60}^3\ \Phi_{45}^7\ \Phi_{36}^6\ \Phi_{30}^4\ \Phi_{20}^6\ \Phi_{18}^7\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^6\ \Phi_9^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
55778	1032	495	$\frac{2}{45}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{55}\ \Phi_{45}^4\ \Phi_{33}^2\ \Phi_{15}^4\ \Phi_{11}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
55779	1032	561	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{561}^2\ \Phi_{187}\ \Phi_{51}^4\ \Phi_{33}^2\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_3^4\ \Phi_1^4$
55780	1032	460	$\frac{3}{115}$	$\frac{28}{115}$	$\frac{1}{4}$	$\frac{29}{115}$	$\Phi_{460}^3\ \Phi_{230}^3\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_4^2\ \Phi_2^2$
55781	1032	504	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{56}$	$\frac{1}{4}$	$\Phi_{504}^3\ \Phi_{252}\ \Phi_{168}^3\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{72}^3\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
55782	1032	180	$\frac{2}{45}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^8\ \Phi_{36}^8\ \Phi_{30}^8\ \Phi_{20}^5\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_{10}^5\ \Phi_6^8\ \Phi_4^4\ \Phi_2^4$
55783	1032	1700	$\frac{4}{85}$	$\frac{81}{425}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
55784	1032	1020	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}\ \Phi_{170}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{10}^2$
55785	1032	144	$\frac{5}{48}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{144}^9\ \Phi_{72}^9\ \Phi_{48}^6\ \Phi_{36}^4\ \Phi_{24}^6\ \Phi_{18}^7\ \Phi_{16}^6\ \Phi_{12}^3\ \Phi_9^6\ \Phi_8^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
55786	1032	1764	$\frac{1}{9}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{294}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
55787	1032	1288	$\frac{1}{14}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{13}{56}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{184}\ \Phi_{92}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
55788	1032	280	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{13}{56}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{40}^6\ \Phi_{35}\ \Phi_{20}^6$
55789	1032	1440	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{31}{160}$	$\frac{9}{40}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{48}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
55790	1032	1104	$\frac{5}{48}$	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{5}{23}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{276}\ \Phi_{184}\ \Phi_{92}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
55791	1032	1127	$\frac{6}{49}$	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{5}{23}$	$\Phi_{1127}\ \Phi_{49}^2\ \Phi_{23}\ \Phi_1^2$
55792	1032	140	$\frac{11}{140}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{140}^8\ \Phi_{70}^6\ \Phi_{35}^7\ \Phi_{28}^8\ \Phi_{20}^8\ \Phi_{14}^8\ \Phi_{10}^6\ \Phi_7^8\ \Phi_5^6\ \Phi_4^8\ \Phi_2^8\ \Phi_1^8$
55793	1032	105	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{105}$	$\frac{1}{5}$	$\Phi_{105}^9\ \Phi_{35}^{10}\ \Phi_{21}^{12}\ \Phi_{15}^9\ \Phi_7^{12}\ \Phi_5^9\ \Phi_3^{12}\ \Phi_1^{12}$
55794	1032	1680	$\frac{5}{48}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{140}\ \Phi_{35}$
55795	1032	450	$\frac{1}{9}$	$\frac{7}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{450}^3\ \Phi_{225}^2\ \Phi_{150}^3\ \Phi_{90}^3\ \Phi_{75}^2\ \Phi_{45}^3\ \Phi_{30}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
55796	1032	245	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{245}^6\ \Phi_{35}$
55797	1033	1380	$\frac{2}{345}$	$\frac{347}{1380}$	$\frac{1}{3}$	$\frac{343}{690}$	$\Phi_{1380}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}\ \Phi_{115}\ \Phi_{92}\ \Phi_{69}\ \Phi_{60}\ \Phi_{23}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
55798	1033	2052	$\frac{7}{1026}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1019}{2052}$	$\Phi_{2052}\ \Phi_{684}\ \Phi_{228}\ \Phi_{108}\ \Phi_{76}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
55799	1033	2048	$\frac{9}{1024}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1015}{2048}$	$\Phi_{2048}\ \Phi_{16}\ \Phi_1$
55800	1033	1242	$\frac{2}{207}$	$\frac{209}{1242}$	$\frac{1}{3}$	$\frac{205}{414}$	$\Phi_{1242}\ \Phi_{621}\ \Phi_{207}\ \Phi_{69}\ \Phi_{54}\ \Phi_{27}\ \Phi_{23}\ \Phi_9\ \Phi_1$
55801	1033	2040	$\frac{13}{1020}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1007}{2040}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{136}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
55802	1033	1184	$\frac{3}{148}$	$\frac{151}{1184}$	$\frac{1}{4}$	$\frac{145}{296}$	$\Phi_{1184}\ \Phi_{592}\ \Phi_{148}\ \Phi_{74}\ \Phi_{37}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
55803	1033	2016	$\frac{25}{1008}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{983}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
55804	1033	2016	$\frac{25}{1008}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{983}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
55805	1033	2016	$\frac{25}{1008}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{983}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
55806	1033	1104	$\frac{2}{69}$	$\frac{71}{1104}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{276}\ \Phi_{184}\ \Phi_{92}\ \Phi_{69}\ \Phi_{48}\ \Phi_{24}\ \Phi_{23}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
55807	1033	1392	$\frac{11}{348}$	$\frac{1}{12}$	$\frac{359}{1392}$	$\frac{337}{696}$	$\Phi_{1392}\ \Phi_{464}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}\ \Phi_{48}\ \Phi_{29}\ \Phi_{16}\ \Phi_1$
55808	1033	2000	$\frac{33}{1000}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{967}{2000}$	$\Phi_{2000}\ \Phi_{400}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
55809	1033	1248	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{215}{1248}$	$\frac{201}{416}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
55810	1033	1344	$\frac{1}{24}$	$\frac{25}{336}$	$\frac{311}{1344}$	$\frac{23}{48}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
55811	1033	1152	$\frac{1}{24}$	$\frac{119}{1152}$	$\frac{25}{144}$	$\frac{23}{48}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
55812	1033	1980	$\frac{43}{990}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{947}{1980}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{132}\ \Phi_{60}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
55813	1033	1080	$\frac{47}{1080}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
55814	1033	1932	$\frac{2}{69}$	$\frac{67}{966}$	$\frac{1}{3}$	$\frac{899}{1932}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{276}\ \Phi_{92}\ \Phi_{84}\ \Phi_{69}\ \Phi_{28}\ \Phi_{23}\ \Phi_{12}\ \Phi_4\ \Phi_1$
55815	1033	1920	$\frac{1}{24}$	$\frac{73}{960}$	$\frac{23}{96}$	$\frac{887}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
55816	1033	1920	$\frac{73}{960}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{887}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
55817	1033	1120	$\frac{87}{1120}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{160}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
55818	1033	1872	$\frac{7}{104}$	$\frac{97}{936}$	$\frac{1}{8}$	$\frac{839}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{144}\ \Phi_{104}\ \Phi_{52}\ \Phi_{48}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
55819	1033	1064	$\frac{31}{1064}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{152}\ \Phi_{133}\ \Phi_{76}\ \Phi_{38}\ \Phi_{28}\ \Phi_{19}\ \Phi_{14}\ \Phi_7\ \Phi_1$
55820	1033	1536	$\frac{9}{512}$	$\frac{1}{8}$	$\frac{503}{1536}$	$\frac{7}{16}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
55821	1033	1056	$\frac{23}{1056}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
55822	1033	1280	$\frac{9}{256}$	$\frac{1}{8}$	$\frac{247}{1280}$	$\frac{7}{16}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
55823	1033	1088	$\frac{55}{1088}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{1088}\ \Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
55824	1033	1152	$\frac{9}{128}$	$\frac{119}{1152}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
55825	1033	1050	$\frac{17}{1050}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}\ \Phi_{50}\ \Phi_{42}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_7\ \Phi_5\ \Phi_1$
55826	1033	1776	$\frac{3}{148}$	$\frac{145}{888}$	$\frac{1}{4}$	$\frac{743}{1776}$	$\Phi_{1776}\ \Phi_{592}\ \Phi_{148}\ \Phi_{74}\ \Phi_{48}\ \Phi_{37}\ \Phi_{16}\ \Phi_1$
55827	1033	1290	$\frac{1}{43}$	$\frac{42}{215}$	$\frac{257}{1290}$	$\frac{173}{430}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{258}\ \Phi_{215}\ \Phi_{129}\ \Phi_{30}\ \Phi_{15}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
55828	1033	1720	$\frac{1}{43}$	$\frac{42}{215}$	$\frac{173}{860}$	$\frac{687}{1720}$	$\Phi_{1720}\ \Phi_{344}\ \Phi_{215}\ \Phi_{40}\ \Phi_8\ \Phi_5\ \Phi_1$
55829	1033	1044	$\frac{11}{1044}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{348}\ \Phi_{261}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}\ \Phi_{36}\ \Phi_{29}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
55830	1033	1152	$\frac{1}{24}$	$\frac{119}{1152}$	$\frac{23}{96}$	$\frac{73}{192}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
55831	1033	1664	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{201}{832}$	$\frac{631}{1664}$	$\Phi_{1664}\ \Phi_{208}\ \Phi_{128}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
55832	1033	1656	$\frac{2}{207}$	$\frac{205}{828}$	$\frac{1}{3}$	$\frac{623}{1656}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{207}\ \Phi_{184}\ \Phi_{72}\ \Phi_{69}\ \Phi_{24}\ \Phi_{23}\ \Phi_9\ \Phi_8\ \Phi_1$
55833	1033	1584	$\frac{1}{24}$	$\frac{23}{264}$	$\frac{241}{792}$	$\frac{551}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
55834	1033	1080	$\frac{47}{1080}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
55835	1033	1548	$\frac{1}{129}$	$\frac{128}{387}$	$\frac{515}{1548}$	$\frac{259}{774}$	$\Phi_{1548}\ \Phi_{516}\ \Phi_{387}\ \Phi_{172}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
55836	1033	1539	$\frac{7}{513}$	$\frac{2}{9}$	$\frac{506}{1539}$	$\frac{1}{3}$	$\Phi_{1539}\ \Phi_{81}\ \Phi_{9}\ \Phi_{1}$
55837	1033	1530	$\frac{13}{510}$	$\frac{2}{15}$	$\frac{497}{1530}$	$\frac{1}{3}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{306}\ \Phi_{153}\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
55838	1033	1485	$\frac{2}{45}$	$\frac{43}{495}$	$\frac{452}{1485}$	$\frac{1}{3}$	$\Phi_{1485}\ \Phi_{297}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
55839	1033	1449	$\frac{2}{69}$	$\frac{67}{483}$	$\frac{416}{1449}$	$\frac{1}{3}$	$\Phi_{1449}\ \Phi_{207}\ \Phi_{69}\ \Phi_{63}\ \Phi_{23}\ \Phi_{9}\ \Phi_{1}$
55840	1033	1053	$\frac{20}{1053}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1053}\ \Phi_{351}\ \Phi_{117}\ \Phi_{81}\ \Phi_{39}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
55841	1033	1368	$\frac{7}{342}$	$\frac{2}{9}$	$\frac{335}{1368}$	$\frac{1}{3}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{76}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55842	1033	1197	$\frac{7}{171}$	$\frac{164}{1197}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{133}\ \Phi_{63}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
55843	1033	1080	$\frac{47}{1080}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
55844	1033	1080	$\frac{47}{1080}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
55845	1033	1275	$\frac{13}{255}$	$\frac{2}{15}$	$\frac{242}{1275}$	$\frac{1}{3}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
55846	1033	1332	$\frac{3}{148}$	$\frac{299}{1332}$	$\frac{1}{4}$	$\frac{145}{444}$	$\Phi_{1332}\ \Phi_{666}\ \Phi_{333}\ \Phi_{148}\ \Phi_{74}\ \Phi_{37}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
55847	1033	1512	$\frac{25}{504}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{479}{1512}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
55848	1033	1512	$\frac{25}{504}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{479}{1512}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{108}\ \Phi_{54}\ \Phi_{28}\ \Phi_{27}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
55849	1033	1248	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{215}{1248}$	$\frac{97}{312}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{96}\ \Phi_{52}\ \Phi_{48}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
55850	1033	1260	$\frac{1}{12}$	$\frac{25}{252}$	$\frac{227}{1260}$	$\frac{11}{36}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
55851	1033	1152	$\frac{1}{12}$	$\frac{119}{1152}$	$\frac{25}{144}$	$\frac{11}{36}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
55852	1033	1200	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{167}{1200}$	$\frac{73}{240}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
55853	1033	1092	$\frac{59}{1092}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}\ \Phi_{91}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}$
55854	1033	1440	$\frac{1}{24}$	$\frac{73}{480}$	$\frac{23}{96}$	$\frac{407}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
55855	1033	1440	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{480}$	$\frac{407}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
55856	1033	1344	$\frac{25}{336}$	$\frac{3}{28}$	$\frac{311}{1344}$	$\frac{1}{4}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
55857	1033	1120	$\frac{87}{1120}$	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
55858	1033	1260	$\frac{25}{252}$	$\frac{3}{28}$	$\frac{227}{1260}$	$\frac{1}{4}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
55859	1033	1176	$\frac{3}{28}$	$\frac{143}{1176}$	$\frac{25}{168}$	$\frac{1}{4}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
55860	1033	1280	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{247}{1280}$	$\frac{73}{320}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{256}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
55861	1033	1200	$\frac{1}{8}$	$\frac{167}{1200}$	$\frac{33}{200}$	$\frac{7}{40}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
55862	1034	1860	$\frac{1}{93}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{46}{93}$	$\Phi_{1860}\ \Phi_{620}\ \Phi_{372}\ \Phi_{124}\ \Phi_{93}\ \Phi_{60}\ \Phi_{31}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
55863	1034	465	$\frac{1}{93}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{46}{93}$	$\Phi_{465}^2\ \Phi_{155}^2\ \Phi_{93}^3\ \Phi_{31}^3\ \Phi_{15}^3\ \Phi_{5}^2\ \Phi_{3}^4\ \Phi_{1}^4$
55864	1034	3066	$\frac{6}{511}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{505}{1022}$	$\Phi_{3066}\ \Phi_{438}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
55865	1034	1776	$\frac{1}{74}$	$\frac{75}{592}$	$\frac{1}{3}$	$\frac{73}{148}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{222}\ \Phi_{111}\ \Phi_{48}\ \Phi_{24}\ \Phi_{6}$
55866	1034	1932	$\frac{1}{46}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{45}{92}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{276}\ \Phi_{92}^2\ \Phi_{84}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
55867	1034	276	$\frac{1}{46}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{276}^3\ \Phi_{138}^4\ \Phi_{92}^4\ \Phi_{69}^4\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{12}^5\ \Phi_{6}^6\ \Phi_{4}^6\ \Phi_{3}^5\ \Phi_{2}^6\ \Phi_{1}^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
55868	1034	644	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{45}{92}$	$\Phi_{644}^3\ \Phi_{92}^4\ \Phi_{28}^3\ \Phi_{14}^2\ \Phi_7\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
55869	1034	1008	$\frac{13}{504}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{491}{1008}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_6$
55870	1034	2070	$\frac{1}{23}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{2070}\ \Phi_{690}\ \Phi_{414}\ \Phi_{230}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
55871	1034	180	$\frac{2}{45}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{43}{90}$	$\Phi_{180}^6\ \Phi_{90}^4\ \Phi_{60}^7\ \Phi_{45}^6\ \Phi_{36}^6\ \Phi_{30}^5\ \Phi_{20}^7\ \Phi_{18}^4\ \Phi_{15}^7\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_9^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
55872	1034	483	$\frac{1}{23}$	$\frac{1}{21}$	$\frac{22}{69}$	$\frac{10}{21}$	$\Phi_{483}^2\ \Phi_{161}^2\ \Phi_{69}^3\ \Phi_{23}^2\ \Phi_{21}^3\ \Phi_7^3\ \Phi_3^4\ \Phi_1^4$
55873	1034	228	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{228}^5\ \Phi_{114}^5\ \Phi_{76}^5\ \Phi_{57}^3\ \Phi_{38}^5\ \Phi_{19}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
55874	1034	1472	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{1472}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}$
55875	1034	2024	$\frac{1}{23}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{2024}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}$
55876	1034	1596	$\frac{15}{532}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{399}\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
55877	1034	2886	$\frac{1}{37}$	$\frac{36}{481}$	$\frac{1}{3}$	$\frac{445}{962}$	$\Phi_{2886}\ \Phi_{222}\ \Phi_{111}\ \Phi_{78}\ \Phi_6$
55878	1034	240	$\frac{1}{48}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^3\ \Phi_{48}^6\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^6\ \Phi_{20}^4\ \Phi_{16}^6\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_8^6\ \Phi_6^6\ \Phi_5^4\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
55879	1034	620	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{15}{62}$	$\frac{9}{20}$	$\Phi_{620}^3\ \Phi_{124}^3\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{20}^4\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
55880	1034	1932	$\frac{1}{23}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
55881	1034	888	$\frac{1}{74}$	$\frac{73}{444}$	$\frac{1}{3}$	$\frac{371}{888}$	$\Phi_{888}^2\ \Phi_{296}^2\ \Phi_{222}\ \Phi_{111}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6$
55882	1034	1840	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{1840}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}$
55883	1034	300	$\frac{3}{50}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^4\ \Phi_{60}^3\ \Phi_{50}^2\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
55884	1034	1710	$\frac{1}{95}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1710}\ \Phi_{570}\ \Phi_{342}\ \Phi_{285}\ \Phi_{190}\ \Phi_{114}\ \Phi_{90}\ \Phi_{57}\ \Phi_{38}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
55885	1034	228	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{9}{38}$	$\frac{29}{76}$	$\Phi_{228}^5\ \Phi_{114}^5\ \Phi_{76}^3\ \Phi_{57}^5\ \Phi_{38}^5\ \Phi_{19}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
55886	1034	1520	$\frac{1}{95}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1520}\ \Phi_{380}\ \Phi_{304}\ \Phi_{190}\ \Phi_{80}\ \Phi_{76}\ \Phi_{38}\ \Phi_{20}\ \Phi_{10}$
55887	1034	1656	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
55888	1034	666	$\frac{1}{74}$	$\frac{149}{666}$	$\frac{73}{222}$	$\frac{1}{3}$	$\Phi_{666}^2\ \Phi_{333}^2\ \Phi_{222}\ \Phi_{111}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6$
55889	1034	276	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{276}^4\ \Phi_{138}^4\ \Phi_{92}^4\ \Phi_{69}^3\ \Phi_{46}^4\ \Phi_{23}^2\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
55890	1034	756	$\frac{13}{252}$	$\frac{1}{14}$	$\frac{239}{756}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{42}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_6$
55891	1034	546	$\frac{29}{546}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{78}^2\ \Phi_{42}\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{21}\ \Phi_{13}^2\ \Phi_6$
55892	1034	240	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^6\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^6\ \Phi_{20}^4\ \Phi_{16}^6\ \Phi_{15}^3\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_8^6\ \Phi_6^6\ \Phi_5^2\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
55893	1034	1680	$\frac{1}{14}$	$\frac{43}{560}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
55894	1034	672	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{155}{672}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{32}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_6$
55895	1034	1242	$\frac{1}{23}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1242}\ \Phi_{621}\ \Phi_{414}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
55896	1034	1380	$\frac{1}{23}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{276}\ \Phi_{230}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
55897	1034	294	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{294}^7\ \Phi_{147}^4\ \Phi_{42}^5\ \Phi_{21}^3\ \Phi_6^5\ \Phi_3^2$
55898	1034	630	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{113}{630}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{45}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
55899	1034	588	$\frac{1}{14}$	$\frac{71}{588}$	$\frac{13}{84}$	$\frac{1}{3}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
55900	1034	966	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{22}{69}$	$\Phi_{966}^2\ \Phi_{483}\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
55901	1034	540	$\frac{1}{12}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{135}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{135}^2\ \Phi_{108}^3\ \Phi_{60}\ \Phi_{54}^3\ \Phi_{30}\ \Phi_{27}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
55902	1034	930	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{15}{62}$	$\frac{4}{15}$	$\Phi_{930}^2\ \Phi_{465}\ \Phi_{186}^2\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
55903	1034	420	$\frac{1}{12}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{70}^3\ \Phi_{60}\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}^3\ \Phi_{10}\ \Phi_7^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
55904	1034	60	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{60}^{17}\ \Phi_{30}^{17}\ \Phi_{20}^{17}\ \Phi_{15}^{19}\ \Phi_{12}^{16}\ \Phi_{10}^{17}\ \Phi_{6}^{16}\ \Phi_{5}^{18}\ \Phi_{4}^{16}\ \Phi_{3}^{18}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
55905	1035	824	$\frac{1}{206}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{205}{412}$	$\Phi_{824}^{2}\ \Phi_{412}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
55906	1035	912	$\frac{1}{114}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{113}{228}$	$\Phi_{912}^{2}\ \Phi_{304}^{2}\ \Phi_{228}\ \Phi_{76}\ \Phi_{48}^{2}\ \Phi_{16}^{3}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
55907	1035	228	$\frac{1}{114}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{113}{228}$	$\Phi_{228}^{5}\ \Phi_{114}^{4}\ \Phi_{76}^{5}\ \Phi_{57}^{4}\ \Phi_{38}^{4}\ \Phi_{19}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{7}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
55908	1035	376	$\frac{1}{94}$	$\frac{19}{188}$	$\frac{169}{376}$	$\frac{93}{188}$	$\Phi_{376}^{5}\ \Phi_{188}\ \Phi_{8}^{5}\ \Phi_{4}\ \Phi_{1}$
55909	1035	952	$\frac{1}{68}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{67}{136}$	$\Phi_{952}^{2}\ \Phi_{136}^{3}\ \Phi_{56}^{2}\ \Phi_{28}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
55910	1035	952	$\frac{1}{68}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{67}{136}$	$\Phi_{952}^{2}\ \Phi_{136}^{3}\ \Phi_{56}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
55911	1035	408	$\frac{1}{68}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{67}{136}$	$\Phi_{408}^{6}\ \Phi_{136}^{3}\ \Phi_{24}^{6}\ \Phi_{12}^{2}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
55912	1035	88	$\frac{1}{44}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{43}{88}$	$\Phi_{88}^{23}\ \Phi_{44}\ \Phi_{8}^{23}\ \Phi_{4}\ \Phi_{1}$
55913	1035	264	$\frac{1}{44}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{43}{88}$	$\Phi_{264}^{11}\ \Phi_{88}\ \Phi_{33}\ \Phi_{24}^{11}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
55914	1035	1120	$\frac{3}{112}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{109}{224}$	$\Phi_{1120}^{2}\ \Phi_{224}\ \Phi_{160}^{2}\ \Phi_{32}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
55915	1035	1200	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{193}{400}$	$\Phi_{1200}^{2}\ \Phi_{400}\ \Phi_{240}^{2}\ \Phi_{80}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
55916	1035	44	$\frac{1}{22}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{21}{44}$	$\Phi_{44}^{45}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{4}^{45}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55917	1035	176	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{176}^{6}\ \Phi_{88}^{6}\ \Phi_{44}^{5}\ \Phi_{22}^{4}\ \Phi_{16}^{9}\ \Phi_{11}^{4}\ \Phi_{8}^{9}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
55918	1035	44	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{21}{44}$	$\Phi_{44}^{45}\ \Phi_{11}^{4}\ \Phi_{4}^{45}\ \Phi_{1}^{5}$
55919	1035	660	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{21}{44}$	$\Phi_{660}^{4}\ \Phi_{220}^{2}\ \Phi_{132}^{2}\ \Phi_{60}^{4}\ \Phi_{44}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
55920	1035	418	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{73}{418}$	$\frac{199}{418}$	$\Phi_{418}^{2}\ \Phi_{209}^{3}\ \Phi_{38}^{2}\ \Phi_{22}^{2}\ \Phi_{19}^{3}\ \Phi_{11}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55921	1035	1408	$\frac{1}{22}$	$\frac{21}{352}$	$\frac{373}{1408}$	$\frac{331}{704}$	$\Phi_{1408}\ \Phi_{352}\ \Phi_{176}\ \Phi_{128}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55922	1035	1040	$\frac{4}{65}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}\ \Phi_{104}\ \Phi_{80}^{2}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{13}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
55923	1035	390	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{61}{130}$	$\Phi_{390}^{3}\ \Phi_{195}^{3}\ \Phi_{78}^{4}\ \Phi_{65}^{3}\ \Phi_{39}^{4}\ \Phi_{30}^{3}\ \Phi_{26}\ \Phi_{15}^{3}\ \Phi_{13}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
55924	1035	672	$\frac{1}{16}$	$\frac{17}{224}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{224}\ \Phi_{168}^{2}\ \Phi_{112}\ \Phi_{84}^{2}\ \Phi_{56}\ \Phi_{48}^{2}\ \Phi_{42}^{2}\ \Phi_{28}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
55925	1035	1936	$\frac{1}{22}$	$\frac{67}{968}$	$\frac{21}{88}$	$\frac{901}{1936}$	$\Phi_{1936}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55926	1035	476	$\frac{1}{34}$	$\frac{1}{14}$	$\frac{11}{34}$	$\frac{13}{28}$	$\Phi_{476}^{4}\ \Phi_{68}^{4}\ \Phi_{34}^{2}\ \Phi_{28}^{5}\ \Phi_{17}^{2}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55927	1035	168	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{168}^{6}\ \Phi_{84}^{6}\ \Phi_{56}^{6}\ \Phi_{42}^{6}\ \Phi_{28}^{5}\ \Phi_{24}^{9}\ \Phi_{21}^{6}\ \Phi_{14}^{4}\ \Phi_{12}^{9}\ \Phi_{8}^{9}\ \Phi_{7}^{4}\ \Phi_{6}^{9}\ \Phi_{4}^{7}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
55928	1035	2380	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{16}{85}$	$\frac{13}{28}$	$\Phi_{2380}\ \Phi_{340}\ \Phi_{140}\ \Phi_{85}\ \Phi_{28}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
55929	1035	112	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{112}^{10}\ \Phi_{56}^{10}\ \Phi_{28}^{8}\ \Phi_{16}^{9}\ \Phi_{14}^{7}\ \Phi_{8}^{9}\ \Phi_{7}^{7}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
55930	1035	384	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{1}{6}$	$\frac{59}{128}$	$\Phi_{384}^{6}\ \Phi_{128}^{3}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
55931	1035	121	$\frac{6}{121}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{121}^{9}\ \Phi_{11}^{4}\ \Phi_{1}^{5}$
55932	1035	966	$\frac{1}{46}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{322}\ \Phi_{161}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{46}\ \Phi_{23}\ \Phi_{21}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
55933	1035	336	$\frac{1}{16}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{336}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{4}\ \Phi_{84}^{3}\ \Phi_{56}^{4}\ \Phi_{48}^{3}\ \Phi_{28}^{4}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{16}^{3}\ \Phi_{14}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
55934	1035	80	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{80}^{13}\ \Phi_{40}^{13}\ \Phi_{20}^{14}\ \Phi_{16}^{12}\ \Phi_{10}^{13}\ \Phi_{8}^{12}\ \Phi_{5}^{13}\ \Phi_{4}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
55935	1035	376	$\frac{2}{47}$	$\frac{19}{188}$	$\frac{9}{47}$	$\frac{169}{376}$	$\Phi_{376}^{5}\ \Phi_{47}^{2}\ \Phi_{8}^{5}\ \Phi_{1}^{3}$
55936	1035	141	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{26}{141}$	$\frac{21}{47}$	$\Phi_{141}^{9}\ \Phi_{47}^{4}\ \Phi_{3}^{9}\ \Phi_{1}^{5}$
55937	1035	616	$\frac{1}{22}$	$\frac{37}{308}$	$\frac{7}{44}$	$\frac{271}{616}$	$\Phi_{616}^{3}\ \Phi_{88}^{3}\ \Phi_{56}^{3}\ \Phi_{44}^{3}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55938	1035	1872	$\frac{2}{117}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{39}\ \Phi_{16}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
55939	1035	2736	$\frac{1}{57}$	$\frac{1}{8}$	$\frac{56}{171}$	$\frac{7}{16}$	$\Phi_{2736}\ \Phi_{171}\ \Phi_{144}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
55940	1035	736	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{736}^{2}\ \Phi_{184}^{2}\ \Phi_{92}^{2}\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55941	1035	304	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{37}{152}$	$\frac{7}{16}$	$\Phi_{304}^{6}\ \Phi_{152}\ \Phi_{76}\ \Phi_{16}^{7}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55942	1035	912	$\frac{2}{57}$	$\frac{1}{8}$	$\frac{11}{57}$	$\frac{7}{16}$	$\Phi_{912}^{2}\ \Phi_{304}^{2}\ \Phi_{57}^{2}\ \Phi_{48}^{2}\ \Phi_{19}^{2}\ \Phi_{16}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
55943	1035	48	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{48}^{38}\ \Phi_{24}^{5}\ \Phi_{16}^{39}\ \Phi_{12}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
55944	1035	2128	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{18}{133}$	$\frac{7}{16}$	$\Phi_{2128}\ \Phi_{133}\ \Phi_{112}\ \Phi_{16}\ \Phi_{7}\ \Phi_{1}$
55945	1035	1092	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{1}{6}$	$\frac{157}{364}$	$\Phi_{1092}^{2}\ \Phi_{364}\ \Phi_{156}^{2}\ \Phi_{84}^{2}\ \Phi_{78}^{2}\ \Phi_{52}\ \Phi_{39}^{2}\ \Phi_{28}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
55946	1035	920	$\frac{1}{46}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{920}^{2}\ \Phi_{184}^{2}\ \Phi_{92}^{2}\ \Phi_{46}\ \Phi_{40}\ \Phi_{23}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55947	1035	80	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{80}^{14}\ \Phi_{40}^{11}\ \Phi_{20}^{14}\ \Phi_{16}^{13}\ \Phi_{10}^{13}\ \Phi_{8}^{10}\ \Phi_{5}^{13}\ \Phi_{4}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
55948	1035	352	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{31}{176}$	$\frac{145}{352}$	$\Phi_{352}^{5}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}^{5}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55949	1035	220	$\frac{13}{220}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{220}^{5}\ \Phi_{110}^{5}\ \Phi_{55}^{5}\ \Phi_{44}^{5}\ \Phi_{20}^{5}\ \Phi_{11}^{4}\ \Phi_{10}^{5}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{1}^{5}$
55950	1035	235	$\frac{2}{47}$	$\frac{28}{235}$	$\frac{9}{47}$	$\frac{19}{47}$	$\Phi_{235}^{5}\ \Phi_{47}^{2}\ \Phi_{5}^{5}\ \Phi_{1}^{3}$
55951	1035	188	$\frac{1}{94}$	$\frac{21}{94}$	$\frac{31}{94}$	$\frac{73}{188}$	$\Phi_{188}^{9}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{4}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55952	1035	188	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{21}{94}$	$\frac{73}{188}$	$\Phi_{188}^{9}\ \Phi_{47}^{4}\ \Phi_{4}^{9}\ \Phi_{1}^{5}$
55953	1035	112	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{112}^{9}\ \Phi_{56}^{10}\ \Phi_{28}^{10}\ \Phi_{16}^{8}\ \Phi_{14}^{9}\ \Phi_{8}^{9}\ \Phi_{7}^{9}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
55954	1035	1672	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{199}{836}$	$\frac{637}{1672}$	$\Phi_{1672}\ \Phi_{209}\ \Phi_{152}\ \Phi_{88}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
55955	1035	1504	$\frac{1}{94}$	$\frac{93}{376}$	$\frac{469}{1504}$	$\frac{283}{752}$	$\Phi_{1504}\ \Phi_{376}\ \Phi_{188}\ \Phi_{32}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
55956	1035	824	$\frac{1}{103}$	$\frac{1}{4}$	$\frac{34}{103}$	$\frac{3}{8}$	$\Phi_{824}^{2}\ \Phi_{103}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
55957	1035	280	$\frac{1}{70}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^{6}\ \Phi_{140}^{2}\ \Phi_{70}\ \Phi_{56}^{6}\ \Phi_{40}^{6}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
55958	1035	824	$\frac{4}{103}$	$\frac{11}{103}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{824}^{2}\ \Phi_{103}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
55959	1035	120	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^{10}\ \Phi_{60}^{10}\ \Phi_{40}^{8}\ \Phi_{30}^{10}\ \Phi_{24}^{5}\ \Phi_{20}^{10}\ \Phi_{15}^{10}\ \Phi_{12}^{5}\ \Phi_{10}^{9}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{9}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
55960	1035	828	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{828}^{2}\ \Phi_{276}^{2}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{69}^{2}\ \Phi_{46}\ \Phi_{36}\ \Phi_{23}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
55961	1035	176	$\frac{1}{22}$	$\frac{7}{88}$	$\frac{27}{88}$	$\frac{61}{176}$	$\Phi_{176}^{9}\ \Phi_{88}^{3}\ \Phi_{44}^{3}\ \Phi_{22}^{2}\ \Phi_{16}^{9}\ \Phi_{11}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55962	1035	870	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{28}{87}$	$\frac{59}{174}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}^{2}\ \Phi_{145}^{2}\ \Phi_{87}\ \Phi_{58}\ \Phi_{30}\ \Phi_{29}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
55963	1035	312	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{17}{52}$	$\frac{35}{104}$	$\Phi_{312}^{6}\ \Phi_{156}^{2}\ \Phi_{104}^{3}\ \Phi_{78}^{2}\ \Phi_{52}\ \Phi_{39}^{2}\ \Phi_{26}\ \Phi_{24}^{6}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
55964	1035	468	$\frac{2}{117}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{468}^{2}\ \Phi_{234}^{2}\ \Phi_{156}^{2}\ \Phi_{117}^{3}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{39}^{3}\ \Phi_{36}^{2}\ \Phi_{26}^{2}\ \Phi_{18}^{2}\ \Phi_{13}^{3}\ \Phi_{9}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55965	1035	684	$\frac{1}{57}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{56}{171}$	$\Phi_{684}^{2}\ \Phi_{342}^{2}\ \Phi_{171}^{3}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55966	1035	341	$\frac{8}{341}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{111}{341}$	$\Phi_{341}^{3}\ \Phi_{31}^{3}\ \Phi_{11}^{4}\ \Phi_{1}^{5}$
55967	1035	238	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{11}{34}$	$\Phi_{238}^{4}\ \Phi_{119}^{4}\ \Phi_{34}^{6}\ \Phi_{17}^{6}\ \Phi_{14}^{4}\ \Phi_{7}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
55968	1035	204	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{11}{34}$	$\Phi_{204}^{8}\ \Phi_{102}^{4}\ \Phi_{68}^{4}\ \Phi_{51}^{4}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{12}^{10}\ \Phi_{6}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55969	1035	517	$\frac{16}{517}$	$\frac{70}{517}$	$\frac{149}{517}$	$\frac{167}{517}$	$\Phi_{517}^{2}\ \Phi_{47}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{3}$
55970	1035	624	$\frac{7}{208}$	$\frac{1}{6}$	$\frac{47}{208}$	$\frac{67}{208}$	$\Phi_{624}^{2}\ \Phi_{312}^{2}\ \Phi_{208}\ \Phi_{156}^{2}\ \Phi_{104}\ \Phi_{78}^{2}\ \Phi_{52}\ \Phi_{48}^{2}\ \Phi_{39}^{2}\ \Phi_{26}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
55971	1035	517	$\frac{19}{517}$	$\frac{80}{517}$	$\frac{117}{517}$	$\frac{166}{517}$	$\Phi_{517}^{2}\ \Phi_{47}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{3}$
55972	1035	692	$\frac{13}{346}$	$\frac{47}{346}$	$\frac{1}{4}$	$\frac{111}{346}$	$\Phi_{692}^{2}\ \Phi_{346}\ \Phi_{173}\ \Phi_{4}\ \Phi_{1}$
55973	1035	329	$\frac{2}{47}$	$\frac{32}{329}$	$\frac{99}{329}$	$\frac{15}{47}$	$\Phi_{329}^{3}\ \Phi_{47}^{4}\ \Phi_{7}^{3}\ \Phi_{1}^{5}$
55974	1035	66	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{7}{22}$	$\Phi_{66}^{22}\ \Phi_{33}^{23}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{22}\ \Phi_{3}^{23}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55975	1035	132	$\frac{1}{22}$	$\frac{17}{132}$	$\frac{5}{22}$	$\frac{7}{22}$	$\Phi_{132}^{9}\ \Phi_{66}^{9}\ \Phi_{44}^{9}\ \Phi_{33}^{9}\ \Phi_{22}^{2}\ \Phi_{12}^{9}\ \Phi_{11}^{2}\ \Phi_{6}^{9}\ \Phi_{4}^{9}\ \Phi_{3}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
55976	1035	88	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{19}{88}$	$\frac{7}{22}$	$\Phi_{88}^{15}\ \Phi_{44}^{15}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{15}\ \Phi_{4}^{15}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55977	1035	840	$\frac{3}{56}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{53}{168}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{168}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{84}\ \Phi_{60}^{2}\ \Phi_{42}\ \Phi_{30}^{2}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
55978	1035	240	$\frac{1}{16}$	$\frac{11}{80}$	$\frac{1}{6}$	$\frac{5}{16}$	$\Phi_{240}^{6}\ \Phi_{120}^{6}\ \Phi_{80}^{3}\ \Phi_{60}^{6}\ \Phi_{48}^{2}\ \Phi_{40}^{3}\ \Phi_{30}^{6}\ \Phi_{24}^{2}\ \Phi_{20}^{3}\ \Phi_{16}\ \Phi_{15}^{6}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
55979	1035	78	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{6}$	$\frac{4}{13}$	$\Phi_{78}^{16}\ \Phi_{39}^{16}\ \Phi_{26}^{7}\ \Phi_{13}^{9}\ \Phi_{6}^{15}\ \Phi_{3}^{15}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
55980	1035	528	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{132}^{2}\ \Phi_{66}^{2}\ \Phi_{48}^{3}\ \Phi_{33}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55981	1035	33	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{10}{33}$	$\Phi_{33}^{45}\ \Phi_{11}^{4}\ \Phi_{3}^{45}\ \Phi_{1}^{5}$
55982	1035	330	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{330}^{3}\ \Phi_{165}^{3}\ \Phi_{110}^{4}\ \Phi_{66}\ \Phi_{55}^{4}\ \Phi_{33}^{2}\ \Phi_{30}^{5}\ \Phi_{22}^{2}\ \Phi_{15}^{5}\ \Phi_{11}^{2}\ \Phi_{10}^{5}\ \Phi_{6}^{2}\ \Phi_{5}^{5}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55983	1035	240	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{240}^{6}\ \Phi_{120}^{6}\ \Phi_{80}^{2}\ \Phi_{60}^{6}\ \Phi_{48}^{6}\ \Phi_{40}^{2}\ \Phi_{30}^{3}\ \Phi_{24}^{6}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{15}^{3}\ \Phi_{12}^{6}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
55984	1035	168	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{168}^{6}\ \Phi_{84}^{6}\ \Phi_{56}^{6}\ \Phi_{42}^{6}\ \Phi_{28}^{4}\ \Phi_{24}^{9}\ \Phi_{21}^{6}\ \Phi_{14}^{4}\ \Phi_{12}^{9}\ \Phi_{8}^{9}\ \Phi_{7}^{6}\ \Phi_{6}^{9}\ \Phi_{4}^{6}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
55985	1035	595	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{16}{85}$	$\frac{2}{7}$	$\Phi_{595}^{2}\ \Phi_{85}^{3}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
55986	1035	112	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{112}^{10}\ \Phi_{56}^{10}\ \Phi_{28}^{7}\ \Phi_{16}^{9}\ \Phi_{14}^{7}\ \Phi_{8}^{9}\ \Phi_{7}^{9}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
55987	1035	552	$\frac{1}{24}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{552}^{2}\ \Phi_{276}^{2}\ \Phi_{184}^{2}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{69}^{2}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
55988	1035	96	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{1}{6}$	$\frac{9}{32}$	$\Phi_{96}^{12}\ \Phi_{48}^{14}\ \Phi_{32}^{6}\ \Phi_{24}^{14}\ \Phi_{16}^{7}\ \Phi_{12}^{14}\ \Phi_{8}^{7}\ \Phi_{6}^{13}\ \Phi_{4}^{7}\ \Phi_{3}^{13}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
55989	1035	77	$\frac{1}{11}$	$\frac{8}{77}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{77}^{15}\ \Phi_{11}^{4}\ \Phi_{7}^{15}\ \Phi_{1}^{5}$
55990	1035	517	$\frac{17}{517}$	$\frac{100}{517}$	$\frac{126}{517}$	$\frac{139}{517}$	$\Phi_{517}^{2}\ \Phi_{47}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{3}$
55991	1035	692	$\frac{11}{346}$	$\frac{67}{346}$	$\frac{1}{4}$	$\frac{93}{346}$	$\Phi_{692}^{2}\ \Phi_{346}\ \Phi_{173}\ \Phi_{4}\ \Phi_{1}$
55992	1035	94	$\frac{2}{47}$	$\frac{9}{47}$	$\frac{19}{94}$	$\frac{25}{94}$	$\Phi_{94}^{10}\ \Phi_{47}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{13}$
55993	1035	152	$\frac{1}{38}$	$\frac{37}{152}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{152}^{9}\ \Phi_{76}^{5}\ \Phi_{38}^{4}\ \Phi_{19}^{4}\ \Phi_{8}^{9}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
55994	1035	228	$\frac{2}{57}$	$\frac{11}{57}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{228}^{4}\ \Phi_{114}^{4}\ \Phi_{76}^{4}\ \Phi_{57}^{6}\ \Phi_{38}^{4}\ \Phi_{19}^{6}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
55995	1035	24	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{24}^{45}\ \Phi_{12}^{41}\ \Phi_{8}^{45}\ \Phi_{6}^{40}\ \Phi_{4}^{43}\ \Phi_{3}^{40}\ \Phi_{2}^{42}\ \Phi_{1}^{43}$
55996	1035	532	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{532}^{2}\ \Phi_{266}^{2}\ \Phi_{133}^{3}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
55997	1035	816	$\frac{3}{68}$	$\frac{1}{6}$	$\frac{65}{272}$	$\frac{1}{4}$	$\Phi_{816}^{2}\ \Phi_{408}^{2}\ \Phi_{272}\ \Phi_{136}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
55998	1035	1020	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{16}{85}$	$\frac{1}{4}$	$\Phi_{1020}^{2}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{85}\ \Phi_{60}^{2}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
55999	1035	640	$\frac{1}{10}$	$\frac{13}{128}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{640}^{2}\ \Phi_{320}^{2}\ \Phi_{160}^{2}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
56000	1035	140	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{5}{28}$	$\frac{1}{4}$	$\Phi_{140}^{8}\ \Phi_{70}^{8}\ \Phi_{35}^{8}\ \Phi_{28}^{4}\ \Phi_{20}^{10}\ \Phi_{14}^{4}\ \Phi_{10}^{9}\ \Phi_{7}^{4}\ \Phi_{5}^{9}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
56001	1035	768	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{49}{256}$	$\frac{15}{64}$	$\Phi_{768}^{2}\ \Phi_{384}^{2}\ \Phi_{256}\ \Phi_{128}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
56002	1035	132	$\frac{1}{11}$	$\frac{17}{132}$	$\frac{2}{11}$	$\frac{5}{22}$	$\Phi_{132}^{9}\ \Phi_{66}^{9}\ \Phi_{44}^{9}\ \Phi_{33}^{9}\ \Phi_{12}^{9}\ \Phi_{11}^{4}\ \Phi_{6}^{9}\ \Phi_{4}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{5}$
56003	1035	88	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{2}{11}$	$\frac{19}{88}$	$\Phi_{88}^{15}\ \Phi_{44}^{15}\ \Phi_{11}^{4}\ \Phi_{8}^{15}\ \Phi_{4}^{15}\ \Phi_{1}^{5}$
56004	1035	780	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{12}{65}$	$\frac{53}{260}$	$\Phi_{780}^{2}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{65}\ \Phi_{60}^{2}\ \Phi_{52}\ \Phi_{39}^{2}\ \Phi_{30}\ \Phi_{26}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
56005	1035	240	$\frac{1}{8}$	$\frac{11}{80}$	$\frac{1}{6}$	$\frac{7}{40}$	$\Phi_{240}^{6}\ \Phi_{120}^{4}\ \Phi_{80}^{3}\ \Phi_{60}^{4}\ \Phi_{48}^{6}\ \Phi_{40}^{2}\ \Phi_{30}^{4}\ \Phi_{24}^{6}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{6}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{5}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
56006	1036	516	$\frac{1}{258}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{257}{516}$	$\Phi_{516}^{4}\ \Phi_{172}^{4}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
56007	1036	414	$\frac{1}{207}$	$\frac{52}{207}$	$\frac{155}{414}$	$\frac{103}{207}$	$\Phi_{414}^{4}\ \Phi_{207}\ \Phi_{138}^{4}\ \Phi_{69}\ \Phi_{46}^{4}\ \Phi_{23}\ \Phi_{18}^{4}\ \Phi_{9}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
56008	1036	1038	$\frac{1}{173}$	$\frac{87}{346}$	$\frac{1}{3}$	$\frac{86}{173}$	$\Phi_{1038}^{2}\ \Phi_{519}\ \Phi_{6}^{2}$
56009	1036	515	$\frac{3}{515}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{256}{515}$	$\Phi_{515}^{2}\ \Phi_{103}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
56010	1036	588	$\frac{1}{147}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{73}{147}$	$\Phi_{588}^{3}\,\Phi_{196}^{3}\,\Phi_{147}\,\Phi_{84}^{3}\,\Phi_{49}\,\Phi_{28}^{3}\,\Phi_{21}\,\Phi_{12}^{4}\,\Phi_{7}\,\Phi_{4}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
56011	1036	441	$\frac{1}{147}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{73}{147}$	$\Phi_{441}^{3}\,\Phi_{147}\,\Phi_{63}^{3}\,\Phi_{49}\,\Phi_{21}\,\Phi_{9}^{4}\,\Phi_{7}\,\Phi_{3}\,\Phi_{1}^{2}$
56012	1036	460	$\frac{1}{115}$	$\frac{29}{230}$	$\frac{201}{460}$	$\frac{57}{115}$	$\Phi_{460}^{4}\,\Phi_{115}\,\Phi_{92}^{4}\,\Phi_{23}\,\Phi_{20}^{4}\,\Phi_{5}\,\Phi_{4}^{4}\,\Phi_{1}^{2}$
56013	1036	345	$\frac{1}{115}$	$\frac{86}{345}$	$\frac{29}{115}$	$\frac{57}{115}$	$\Phi_{345}^{4}\,\Phi_{115}\,\Phi_{69}^{4}\,\Phi_{23}\,\Phi_{15}^{4}\,\Phi_{5}\,\Phi_{3}^{4}\,\Phi_{1}^{2}$
56014	1036	513	$\frac{5}{513}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{254}{513}$	$\Phi_{513}^{2}\,\Phi_{171}^{2}\,\Phi_{57}^{2}\,\Phi_{27}^{2}\,\Phi_{19}^{2}\,\Phi_{9}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
56015	1036	2560	$\frac{3}{256}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{253}{512}$	$\Phi_{2560}\,\Phi_{20}\,\Phi_{10}$
56016	1036	949	$\frac{1}{73}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{36}{73}$	$\Phi_{949}\,\Phi_{73}^{2}\,\Phi_{13}^{2}\,\Phi_{1}^{4}$
56017	1036	1752	$\frac{1}{73}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{36}{73}$	$\Phi_{1752}\,\Phi_{876}\,\Phi_{438}\,\Phi_{24}^{2}\,\Phi_{12}^{2}\,\Phi_{6}^{2}$
56018	1036	69	$\frac{1}{69}$	$\frac{5}{69}$	$\frac{32}{69}$	$\frac{34}{69}$	$\Phi_{69}^{15}\,\Phi_{23}^{15}\,\Phi_{3}^{15}\,\Phi_{1}^{16}$
56019	1036	510	$\frac{4}{255}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{251}{510}$	$\Phi_{510}^{4}\,\Phi_{170}^{4}\,\Phi_{102}^{4}\,\Phi_{34}^{4}\,\Phi_{30}^{4}\,\Phi_{15}\,\Phi_{10}^{4}\,\Phi_{6}^{4}\,\Phi_{5}\,\Phi_{3}\,\Phi_{2}^{4}\,\Phi_{1}^{2}$
56020	1036	510	$\frac{4}{255}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{251}{510}$	$\Phi_{510}^{4}\,\Phi_{170}^{4}\,\Phi_{102}^{4}\,\Phi_{34}^{4}\,\Phi_{30}^{4}\,\Phi_{10}^{4}\,\Phi_{6}^{4}\,\Phi_{5}^{3}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
56021	1036	1560	$\frac{1}{52}$	$\frac{53}{312}$	$\frac{1}{5}$	$\frac{51}{104}$	$\Phi_{1560}\,\Phi_{780}\,\Phi_{390}\,\Phi_{260}\,\Phi_{195}\,\Phi_{130}\,\Phi_{120}\,\Phi_{65}\,\Phi_{60}\,\Phi_{30}\,\Phi_{20}\,\Phi_{15}\,\Phi_{10}$
56022	1036	1192	$\frac{3}{149}$	$\frac{1}{8}$	$\frac{38}{149}$	$\frac{73}{149}$	$\Phi_{1192}\,\Phi_{596}\,\Phi_{298}$
56023	1036	495	$\frac{1}{45}$	$\frac{23}{495}$	$\frac{236}{495}$	$\frac{22}{45}$	$\Phi_{495}^{2}\,\Phi_{165}^{2}\,\Phi_{99}^{2}\,\Phi_{55}^{2}\,\Phi_{45}^{3}\,\Phi_{33}^{2}\,\Phi_{15}^{3}\,\Phi_{11}^{2}\,\Phi_{9}^{3}\,\Phi_{5}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
56024	1036	506	$\frac{6}{253}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{247}{506}$	$\Phi_{506}^{4}\,\Phi_{46}^{4}\,\Phi_{23}\,\Phi_{22}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{2}$
56025	1036	207	$\frac{5}{207}$	$\frac{22}{207}$	$\frac{53}{207}$	$\frac{101}{207}$	$\Phi_{207}^{5}\,\Phi_{69}^{5}\,\Phi_{23}^{5}\,\Phi_{9}^{5}\,\Phi_{3}^{5}\,\Phi_{1}^{6}$
56026	1036	519	$\frac{13}{519}$	$\frac{38}{519}$	$\frac{1}{3}$	$\frac{253}{519}$	$\Phi_{519}^{2}\,\Phi_{173}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
56027	1036	216	$\frac{1}{36}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{35}{72}$	$\Phi_{216}^{9}\,\Phi_{72}^{10}\,\Phi_{27}\,\Phi_{24}^{10}\,\Phi_{9}\,\Phi_{8}^{10}\,\Phi_{3}\,\Phi_{1}^{2}$
56028	1036	360	$\frac{1}{36}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{360}^{6}\,\Phi_{120}^{6}\,\Phi_{72}^{4}\,\Phi_{40}^{6}\,\Phi_{24}^{4}\,\Phi_{15}^{2}\,\Phi_{8}^{4}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
56029	1036	72	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{35}{72}$	$\Phi_{72}^{28}\,\Phi_{24}^{28}\,\Phi_{9}^{3}\,\Phi_{8}^{28}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
56030	1036	360	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{35}{72}$	$\Phi_{360}^{3}\,\Phi_{180}^{4}\,\Phi_{120}^{3}\,\Phi_{90}^{4}\,\Phi_{60}^{4}\,\Phi_{45}^{4}\,\Phi_{40}^{4}\,\Phi_{30}^{4}\,\Phi_{20}^{5}\,\Phi_{15}^{4}\,\Phi_{10}^{5}\,\Phi_{5}^{4}$
56031	1036	500	$\frac{9}{250}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{241}{500}$	$\Phi_{500}^{4}\,\Phi_{100}^{4}\,\Phi_{20}^{4}\,\Phi_{10}^{4}\,\Phi_{5}^{3}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
56032	1036	351	$\frac{1}{27}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{351}^{3}\,\Phi_{117}^{3}\,\Phi_{39}^{4}\,\Phi_{27}\,\Phi_{13}^{4}\,\Phi_{9}\,\Phi_{3}\,\Phi_{1}^{2}$
56033	1036	54	$\frac{1}{27}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{13}{27}$	$\Phi_{54}^{19}\,\Phi_{27}^{20}\,\Phi_{18}^{18}\,\Phi_{9}^{19}\,\Phi_{6}^{18}\,\Phi_{3}^{19}\,\Phi_{2}^{18}\,\Phi_{1}^{20}$
56034	1036	1080	$\frac{1}{27}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{1080}\,\Phi_{540}\,\Phi_{360}\,\Phi_{270}\,\Phi_{216}\,\Phi_{180}\,\Phi_{135}\,\Phi_{120}\,\Phi_{90}\,\Phi_{72}\,\Phi_{60}\,\Phi_{45}\,\Phi_{40}^{2}\,\Phi_{30}\,\Phi_{27}\,\Phi_{24}\,\Phi_{20}^{2}\,\Phi_{15}\,\Phi_{10}^{2}\,\Phi_{9}\,\Phi_{8}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
56035	1036	432	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{13}{27}$	$\Phi_{432}^{3}\,\Phi_{216}^{3}\,\Phi_{144}^{3}\,\Phi_{72}^{3}\,\Phi_{48}^{4}\,\Phi_{27}\,\Phi_{24}^{4}\,\Phi_{16}^{4}\,\Phi_{9}\,\Phi_{8}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
56036	1036	135	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{13}{27}$	$\Phi_{135}^{9}\,\Phi_{45}^{10}\,\Phi_{27}\,\Phi_{15}^{10}\,\Phi_{9}\,\Phi_{5}^{10}\,\Phi_{3}\,\Phi_{1}^{2}$
56037	1036	378	$\frac{1}{27}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{13}{27}$	$\Phi_{378}^{3}\,\Phi_{189}^{3}\,\Phi_{126}^{3}\,\Phi_{63}^{3}\,\Phi_{42}^{4}\,\Phi_{27}\,\Phi_{21}^{4}\,\Phi_{14}^{4}\,\Phi_{9}\,\Phi_{7}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
56038	1036	150	$\frac{1}{25}$	$\frac{1}{15}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{150}^{10}\,\Phi_{75}^{5}\,\Phi_{50}^{8}\,\Phi_{30}^{10}\,\Phi_{25}^{4}\,\Phi_{15}^{4}\,\Phi_{10}^{8}\,\Phi_{6}^{10}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{2}^{8}\,\Phi_{1}^{4}$
56039	1036	759	$\frac{1}{23}$	$\frac{12}{253}$	$\frac{241}{759}$	$\frac{11}{23}$	$\Phi_{759}^{2}\,\Phi_{69}^{2}\,\Phi_{33}^{2}\,\Phi_{23}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
56040	1036	276	$\frac{1}{23}$	$\frac{17}{276}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{276}^{4}\,\Phi_{138}^{4}\,\Phi_{92}^{4}\,\Phi_{69}^{4}\,\Phi_{46}^{4}\,\Phi_{23}\,\Phi_{12}^{4}\,\Phi_{6}^{4}\,\Phi_{4}^{4}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{2}$
56041	1036	2470	$\frac{12}{247}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{235}{494}$	$\Phi_{2470}\,\Phi_{190}\,\Phi_{130}\,\Phi_{65}\,\Phi_{10}$
56042	1036	40	$\frac{1}{20}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{40}^{24}\,\Phi_{20}^{28}\,\Phi_{10}^{28}\,\Phi_{8}^{24}\,\Phi_{5}^{27}\,\Phi_{4}^{28}\,\Phi_{2}^{28}\,\Phi_{1}^{28}$
56043	1036	210	$\frac{2}{35}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{210}^{10}\,\Phi_{70}^{8}\,\Phi_{42}^{10}\,\Phi_{30}^{10}\,\Phi_{15}^{4}\,\Phi_{14}^{8}\,\Phi_{10}^{8}\,\Phi_{6}^{10}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{2}^{8}\,\Phi_{1}^{4}$
56044	1036	975	$\frac{4}{65}$	$\frac{61}{975}$	$\frac{1}{5}$	$\frac{457}{975}$	$\Phi_{975}\,\Phi_{325}\,\Phi_{195}\,\Phi_{75}\,\Phi_{65}^{2}\,\Phi_{39}\,\Phi_{25}\,\Phi_{15}\,\Phi_{13}^{2}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$
56045	1036	975	$\frac{61}{975}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{457}{975}$	$\Phi_{975}\,\Phi_{325}\,\Phi_{195}\,\Phi_{75}^{2}\,\Phi_{65}\,\Phi_{39}\,\Phi_{25}^{2}\,\Phi_{15}\,\Phi_{13}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$
56046	1036	765	$\frac{8}{255}$	$\frac{1}{15}$	$\frac{247}{765}$	$\frac{7}{15}$	$\Phi_{765}^{2}\,\Phi_{153}^{2}\,\Phi_{45}^{2}\,\Phi_{15}\,\Phi_{9}^{2}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$
56047	1036	270	$\frac{11}{270}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{270}^{4}\,\Phi_{135}^{4}\,\Phi_{90}^{4}\,\Phi_{54}^{4}\,\Phi_{45}^{4}\,\Phi_{30}^{4}\,\Phi_{27}^{4}\,\Phi_{18}^{4}\,\Phi_{15}\,\Phi_{10}^{4}\,\Phi_{9}^{4}\,\Phi_{6}^{4}\,\Phi_{5}\,\Phi_{3}\,\Phi_{2}^{4}\,\Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
56048	1036	45	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{45}^{28}\ \Phi_{15}^{13}\ \Phi_{9}^{28}\ \Phi_{5}^{13}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
56049	1036	69	$\frac{4}{69}$	$\frac{5}{69}$	$\frac{13}{69}$	$\frac{32}{69}$	$\Phi_{69}^{15}\ \Phi_{23}^{15}\ \Phi_{3}^{15}\ \Phi_{1}^{16}$
56050	1036	69	$\frac{5}{69}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{32}{69}$	$\Phi_{69}^{14}\ \Phi_{23}^{17}\ \Phi_{3}^{14}\ \Phi_{1}^{18}$
56051	1036	1482	$\frac{1}{38}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{114}^{2}\ \Phi_{78}\ \Phi_{57}^{2}\ \Phi_{6}^{2}$
56052	1036	480	$\frac{1}{20}$	$\frac{19}{240}$	$\frac{1}{5}$	$\frac{221}{480}$	$\Phi_{480}^{4}\ \Phi_{160}^{4}\ \Phi_{96}^{4}\ \Phi_{32}^{4}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
56053	1036	300	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{41}{300}$	$\frac{34}{75}$	$\Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{100}^{4}\ \Phi_{75}^{2}\ \Phi_{60}^{4}\ \Phi_{50}^{4}\ \Phi_{30}^{4}\ \Phi_{25}^{2}\ \Phi_{20}^{4}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
56054	1036	135	$\frac{1}{45}$	$\frac{13}{135}$	$\frac{44}{135}$	$\frac{61}{135}$	$\Phi_{135}^{8}\ \Phi_{45}^{7}\ \Phi_{27}^{8}\ \Phi_{15}^{7}\ \Phi_{9}^{7}\ \Phi_{5}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
56055	1036	135	$\frac{1}{15}$	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{61}{135}$	$\Phi_{135}^{7}\ \Phi_{45}^{7}\ \Phi_{27}^{7}\ \Phi_{15}^{13}\ \Phi_{9}^{7}\ \Phi_{5}^{13}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
56056	1036	1102	$\frac{1}{38}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{1102}\ \Phi_{551}\ \Phi_{58}$
56057	1036	2340	$\frac{1}{26}$	$\frac{25}{234}$	$\frac{1}{5}$	$\frac{209}{468}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{260}\ \Phi_{180}\ \Phi_{130}\ \Phi_{65}\ \Phi_{60}\ \Phi_{20}\ \Phi_{10}$
56058	1036	342	$\frac{5}{171}$	$\frac{1}{9}$	$\frac{83}{342}$	$\frac{4}{9}$	$\Phi_{342}^{4}\ \Phi_{171}^{2}\ \Phi_{114}^{4}\ \Phi_{57}^{2}\ \Phi_{38}^{4}\ \Phi_{19}^{2}\ \Phi_{18}^{4}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
56059	1036	270	$\frac{11}{270}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{270}^{4}\ \Phi_{135}^{4}\ \Phi_{90}^{4}\ \Phi_{54}^{4}\ \Phi_{45}^{4}\ \Phi_{30}^{4}\ \Phi_{27}^{2}\ \Phi_{18}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
56060	1036	360	$\frac{1}{45}$	$\frac{11}{90}$	$\frac{101}{360}$	$\frac{79}{180}$	$\Phi_{360}^{4}\ \Phi_{120}^{4}\ \Phi_{90}^{4}\ \Phi_{72}^{4}\ \Phi_{45}^{3}\ \Phi_{40}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{18}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{9}^{3}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
56061	1036	460	$\frac{3}{115}$	$\frac{29}{230}$	$\frac{28}{115}$	$\frac{201}{460}$	$\Phi_{460}^{4}\ \Phi_{115}\ \Phi_{92}^{4}\ \Phi_{23}\ \Phi_{20}^{4}\ \Phi_{5}\ \Phi_{4}^{4}\ \Phi_{1}^{2}$
56062	1036	65	$\frac{2}{65}$	$\frac{9}{65}$	$\frac{1}{5}$	$\frac{28}{65}$	$\Phi_{65}^{16}\ \Phi_{13}^{16}\ \Phi_{5}^{15}\ \Phi_{1}^{16}$
56063	1036	207	$\frac{4}{207}$	$\frac{29}{207}$	$\frac{59}{207}$	$\frac{89}{207}$	$\Phi_{207}^{5}\ \Phi_{69}^{5}\ \Phi_{23}^{5}\ \Phi_{9}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
56064	1036	519	$\frac{8}{519}$	$\frac{73}{519}$	$\frac{1}{3}$	$\frac{223}{519}$	$\Phi_{519}^{2}\ \Phi_{173}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
56065	1036	450	$\frac{1}{45}$	$\frac{34}{225}$	$\frac{11}{45}$	$\frac{191}{450}$	$\Phi_{450}^{4}\ \Phi_{150}^{4}\ \Phi_{90}^{4}\ \Phi_{50}^{4}\ \Phi_{45}^{3}\ \Phi_{30}^{4}\ \Phi_{18}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
56066	1036	450	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{34}{225}$	$\frac{191}{450}$	$\Phi_{450}^{4}\ \Phi_{150}^{4}\ \Phi_{90}^{4}\ \Phi_{75}^{2}\ \Phi_{50}^{4}\ \Phi_{30}^{4}\ \Phi_{25}^{2}\ \Phi_{18}^{4}\ \Phi_{15}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
56067	1036	300	$\frac{1}{75}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{300}^{6}\ \Phi_{100}^{6}\ \Phi_{75}^{2}\ \Phi_{60}^{6}\ \Phi_{25}^{2}\ \Phi_{20}^{6}\ \Phi_{15}^{2}\ \Phi_{12}^{4}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
56068	1036	588	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{12}{49}$	$\frac{5}{12}$	$\Phi_{588}^{3}\ \Phi_{196}^{3}\ \Phi_{84}^{3}\ \Phi_{49}^{3}\ \Phi_{28}^{3}\ \Phi_{12}^{4}\ \Phi_{7}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
56069	1036	1140	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1140}^{2}\ \Phi_{380}^{2}\ \Phi_{190}\ \Phi_{95}\ \Phi_{60}\ \Phi_{20}\ \Phi_{10}$
56070	1036	924	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{924}^{2}\ \Phi_{308}^{2}\ \Phi_{132}^{2}\ \Phi_{84}\ \Phi_{77}^{2}\ \Phi_{44}^{2}\ \Phi_{28}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
56071	1036	84	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{84}^{21}\ \Phi_{42}^{4}\ \Phi_{28}^{21}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{12}^{22}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{4}^{22}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
56072	1036	150	$\frac{1}{75}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{150}^{10}\ \Phi_{75}^{4}\ \Phi_{50}^{10}\ \Phi_{30}^{10}\ \Phi_{25}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{8}\ \Phi_{6}^{10}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
56073	1036	120	$\frac{1}{15}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{120}^{10}\ \Phi_{60}^{10}\ \Phi_{40}^{8}\ \Phi_{30}^{10}\ \Phi_{24}^{10}\ \Phi_{20}^{8}\ \Phi_{15}^{4}\ \Phi_{12}^{10}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{6}^{10}\ \Phi_{5}^{3}\ \Phi_{4}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
56074	1036	270	$\frac{11}{270}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{270}^{4}\ \Phi_{135}^{4}\ \Phi_{90}^{4}\ \Phi_{54}^{4}\ \Phi_{45}^{4}\ \Phi_{30}^{4}\ \Phi_{27}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{3}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
56075	1036	60	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{60}^{28}\ \Phi_{20}^{28}\ \Phi_{15}^{13}\ \Phi_{12}^{28}\ \Phi_{5}^{13}\ \Phi_{4}^{28}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
56076	1036	2080	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{51}{208}$	$\frac{157}{416}$	$\Phi_{2080}\ \Phi_{260}\ \Phi_{160}\ \Phi_{130}\ \Phi_{65}\ \Phi_{20}\ \Phi_{10}$
56077	1036	1320	$\frac{5}{264}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
56078	1036	414	$\frac{1}{69}$	$\frac{17}{69}$	$\frac{52}{207}$	$\frac{155}{414}$	$\Phi_{414}^{4}\ \Phi_{138}^{4}\ \Phi_{69}^{3}\ \Phi_{46}^{4}\ \Phi_{23}^{3}\ \Phi_{18}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
56079	1036	405	$\frac{1}{45}$	$\frac{22}{135}$	$\frac{113}{405}$	$\frac{146}{405}$	$\Phi_{405}^{2}\ \Phi_{135}^{4}\ \Phi_{81}^{2}\ \Phi_{45}^{3}\ \Phi_{27}^{4}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
56080	1036	783	$\frac{8}{261}$	$\frac{1}{9}$	$\frac{253}{783}$	$\frac{265}{783}$	$\Phi_{783}\ \Phi_{261}^{2}\ \Phi_{87}^{2}\ \Phi_{29}^{2}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
56081	1036	390	$\frac{1}{65}$	$\frac{1}{5}$	$\frac{64}{195}$	$\frac{131}{390}$	$\Phi_{390}^{4}\ \Phi_{130}^{4}\ \Phi_{78}^{4}\ \Phi_{65}^{4}\ \Phi_{30}^{4}\ \Phi_{26}^{4}\ \Phi_{13}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
56082	1036	261	$\frac{2}{261}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{261}^{4}\ \Phi_{87}^{4}\ \Phi_{29}^{4}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
56083	1036	387	$\frac{1}{129}$	$\frac{128}{387}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{387}^{4}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
56084	1036	1032	$\frac{1}{86}$	$\frac{85}{344}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1032}\ \Phi_{516}\ \Phi_{344}^2\ \Phi_{172}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
56085	1036	225	$\frac{1}{75}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{225}^6\ \Phi_{75}^2\ \Phi_{45}^6\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
56086	1036	645	$\frac{2}{129}$	$\frac{127}{645}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{645}^2\ \Phi_{215}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
56087	1036	264	$\frac{5}{264}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{264}^4\ \Phi_{132}^4\ \Phi_{88}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{33}^4\ \Phi_{24}^4\ \Phi_{22}^4\ \Phi_{12}^4\ \Phi_{11}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
56088	1036	129	$\frac{1}{43}$	$\frac{6}{43}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{129}^6\ \Phi_{43}^{12}\ \Phi_3^7\ \Phi_1^{14}$
56089	1036	456	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{456}^2\ \Phi_{228}^2\ \Phi_{152}^4\ \Phi_{114}\ \Phi_{76}^4\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{24}\ \Phi_{19}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
56090	1036	195	$\frac{2}{39}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^6\ \Phi_{65}^6\ \Phi_{39}^4\ \Phi_{15}^2\ \Phi_{13}^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
56091	1036	441	$\frac{2}{147}$	$\frac{2}{9}$	$\frac{145}{441}$	$\frac{1}{3}$	$\Phi_{441}^2\ \Phi_{147}^3\ \Phi_{63}^2\ \Phi_{49}^3\ \Phi_{21}^3\ \Phi_9^3\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
56092	1036	270	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{270}^6\ \Phi_{135}^6\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
56093	1036	120	$\frac{1}{15}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^9\ \Phi_{60}^7\ \Phi_{40}^{10}\ \Phi_{30}^7\ \Phi_{24}^9\ \Phi_{20}^8\ \Phi_{15}^9\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_8^{10}\ \Phi_6^8\ \Phi_5^{10}\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^{10}$
56094	1036	441	$\frac{1}{49}$	$\frac{2}{9}$	$\frac{12}{49}$	$\frac{1}{3}$	$\Phi_{441}^3\ \Phi_{63}^3\ \Phi_{49}^3\ \Phi_9^4\ \Phi_7^3\ \Phi_1^4$
56095	1036	240	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^6\ \Phi_{48}^4\ \Phi_{40}^6\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{15}^2\ \Phi_8^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
56096	1036	1710	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{190}\ \Phi_{95}\ \Phi_{90}\ \Phi_{10}$
56097	1036	693	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{99}^2\ \Phi_{77}^2\ \Phi_{63}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
56098	1036	126	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{126}^{12}\ \Phi_{63}^9\ \Phi_{42}^4\ \Phi_{21}^3\ \Phi_{18}^{12}\ \Phi_{14}^4\ \Phi_9^{10}\ \Phi_7^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
56099	1036	117	$\frac{2}{39}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{117}^9\ \Phi_{39}^{10}\ \Phi_{13}^{10}\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
56100	1036	405	$\frac{1}{15}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{405}^3\ \Phi_{135}^3\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
56101	1036	1560	$\frac{2}{39}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{130}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
56102	1036	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{45}^{22}\ \Phi_{15}^{24}\ \Phi_9^{24}\ \Phi_5^{24}\ \Phi_3^{25}\ \Phi_1^{26}$
56103	1036	210	$\frac{1}{15}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^6\ \Phi_{42}^4\ \Phi_{35}^6\ \Phi_{21}^4\ \Phi_{15}^2\ \Phi_{14}^4\ \Phi_7^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
56104	1036	1920	$\frac{3}{128}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{125}{384}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
56105	1036	1560	$\frac{1}{26}$	$\frac{53}{312}$	$\frac{1}{5}$	$\frac{25}{78}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{120}\ \Phi_{65}\ \Phi_{60}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
56106	1036	300	$\frac{1}{20}$	$\frac{41}{300}$	$\frac{1}{5}$	$\frac{19}{60}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
56107	1036	54	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{17}{54}$	$\Phi_{54}^{28}\ \Phi_{27}^{28}\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
56108	1036	1080	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{17}{54}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{270}\ \Phi_{135}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
56109	1036	585	$\frac{4}{65}$	$\frac{67}{585}$	$\frac{1}{5}$	$\frac{61}{195}$	$\Phi_{585}^2\ \Phi_{195}\ \Phi_{117}^2\ \Phi_{65}^2\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}^2\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
56110	1036	675	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{157}{675}$	$\frac{68}{225}$	$\Phi_{675}^2\ \Phi_{135}^2\ \Phi_{75}^2\ \Phi_{27}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
56111	1036	105	$\frac{1}{15}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{105}^9\ \Phi_{35}^{10}\ \Phi_{21}^9\ \Phi_{15}^{13}\ \Phi_7^{10}\ \Phi_5^{13}\ \Phi_3^{13}\ \Phi_1^{14}$
56112	1036	45	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{8}{45}$	$\frac{13}{45}$	$\Phi_{45}^{21}\ \Phi_{15}^{27}\ \Phi_9^{21}\ \Phi_5^{27}\ \Phi_3^{27}\ \Phi_1^{28}$
56113	1036	360	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{1}{5}$	$\frac{101}{360}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
56114	1036	270	$\frac{11}{270}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
56115	1036	345	$\frac{3}{115}$	$\frac{28}{115}$	$\frac{86}{345}$	$\frac{29}{115}$	$\Phi_{345}^4\ \Phi_{115}\ \Phi_{69}^4\ \Phi_{23}\ \Phi_{15}^4\ \Phi_5\ \Phi_3^4\ \Phi_1^2$
56116	1036	360	$\frac{3}{40}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
56117	1036	320	$\frac{3}{64}$	$\frac{61}{320}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{64}^4\ \Phi_{40}^3\ \Phi_{32}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
56118	1036	1360	$\frac{13}{272}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{20}\ \Phi_{10}$
56119	1036	40	$\frac{3}{40}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{40}^{25}\ \Phi_{20}^{26}\ \Phi_{10}^{26}\ \Phi_8^{28}\ \Phi_5^{25}\ \Phi_4^{28}\ \Phi_2^{28}\ \Phi_1^{28}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
56120	1036	1440	$\frac{3}{32}$	$\frac{29}{288}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
56121	1036	340	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{81}{340}$	$\Phi_{340}^4\ \Phi_{170}^4\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
56122	1036	320	$\frac{1}{20}$	$\frac{61}{320}$	$\frac{1}{5}$	$\frac{19}{80}$	$\Phi_{320}^4\ \Phi_{160}^4\ \Phi_{64}^4\ \Phi_{32}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
56123	1036	144	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{11}{48}$	$\Phi_{144}^9\ \Phi_{72}^9\ \Phi_{48}^{10}\ \Phi_{24}^{10}\ \Phi_{16}^{10}\ \Phi_9^3\ \Phi_8^{10}\ \Phi_3^3\ \Phi_1^4$
56124	1036	240	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{11}{48}$	$\Phi_{240}^7\ \Phi_{120}^3\ \Phi_{80}^7\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{10}^5\ \Phi_5^4$
56125	1036	288	$\frac{29}{288}$	$\frac{1}{9}$	$\frac{7}{36}$	$\frac{2}{9}$	$\Phi_{288}^4\ \Phi_{144}^4\ \Phi_{96}^4\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
56126	1036	45	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{2}{9}$	$\Phi_{45}^{28}\ \Phi_{15}^{28}\ \Phi_9^3\ \Phi_5^{28}\ \Phi_3^3\ \Phi_1^4$
56127	1036	126	$\frac{1}{9}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{2}{9}$	$\Phi_{126}^9\ \Phi_{63}^9\ \Phi_{42}^{10}\ \Phi_{21}^{10}\ \Phi_{14}^{10}\ \Phi_9^3\ \Phi_7^{10}\ \Phi_3^3\ \Phi_1^4$
56128	1036	46	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{9}{46}$	$\frac{5}{23}$	$\Phi_{46}^{28}\ \Phi_{23}^{17}\ \Phi_2^{28}\ \Phi_1^{18}$
56129	1036	325	$\frac{4}{65}$	$\frac{61}{325}$	$\frac{1}{5}$	$\frac{66}{325}$	$\Phi_{325}^3\ \Phi_{65}^4\ \Phi_{25}^3\ \Phi_{13}^4\ \Phi_5^3\ \Phi_1^4$
56130	1036	300	$\frac{1}{10}$	$\frac{41}{300}$	$\frac{9}{50}$	$\frac{1}{5}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^4\ \Phi_{60}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
56131	1036	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{45}$	$\frac{1}{5}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^4\ \Phi_{60}^3\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
56132	1036	840	$\frac{5}{42}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
56133	1036	135	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{135}$	$\frac{8}{45}$	$\Phi_{135}^7\ \Phi_{45}^8\ \Phi_{27}^9\ \Phi_{15}^8\ \Phi_9^9\ \Phi_5^8\ \Phi_3^9\ \Phi_1^{10}$
56134	1037	2064	$\frac{5}{1032}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1027}{2064}$	$\Phi_{2064}\ \Phi_{688}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
56135	1037	1776	$\frac{1}{148}$	$\frac{149}{888}$	$\frac{739}{1776}$	$\frac{147}{296}$	$\Phi_{1776}\ \Phi_{592}\ \Phi_{296}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
56136	1037	2048	$\frac{13}{1024}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1011}{2048}$	$\Phi_{2048}\ \Phi_{16}\ \Phi_8\ \Phi_1$
56137	1037	1248	$\frac{3}{208}$	$\frac{211}{1248}$	$\frac{1}{4}$	$\frac{205}{416}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
56138	1037	480	$\frac{1}{60}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{59}{120}$	$\Phi_{480}^4\ \Phi_{160}^4\ \Phi_{120}\ \Phi_{96}^4\ \Phi_{40}\ \Phi_{32}^5\ \Phi_{24}\ \Phi_8\ \Phi_1$
56139	1037	120	$\frac{1}{60}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{59}{120}$	$\Phi_{120}^9\ \Phi_{60}^8\ \Phi_{40}^9\ \Phi_{30}^8\ \Phi_{24}^{10}\ \Phi_{20}^8\ \Phi_{15}^8\ \Phi_{12}^9\ \Phi_{10}^8\ \Phi_8^9\ \Phi_6^9\ \Phi_5^8\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
56140	1037	120	$\frac{1}{60}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{59}{120}$	$\Phi_{120}^{17}\ \Phi_{40}^{17}\ \Phi_{24}^{17}\ \Phi_{20}\ \Phi_{10}\ \Phi_8^{17}\ \Phi_5\ \Phi_1$
56141	1037	2016	$\frac{29}{1008}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{979}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{56}\ \Phi_{32}\ \Phi_8\ \Phi_1$
56142	1037	2016	$\frac{29}{1008}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{979}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{42}\ \Phi_{32}\ \Phi_{21}\ \Phi_6\ \Phi_3\ \Phi_1$
56143	1037	1512	$\frac{1}{28}$	$\frac{29}{504}$	$\frac{475}{1512}$	$\frac{27}{56}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{108}\ \Phi_{56}\ \Phi_{54}\ \Phi_{27}\ \Phi_8\ \Phi_1$
56144	1037	1120	$\frac{1}{28}$	$\frac{83}{1120}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
56145	1037	1344	$\frac{1}{28}$	$\frac{29}{336}$	$\frac{307}{1344}$	$\frac{27}{56}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_8\ \Phi_1$
56146	1037	1176	$\frac{1}{28}$	$\frac{139}{1176}$	$\frac{29}{168}$	$\frac{27}{56}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_8\ \Phi_1$
56147	1037	2000	$\frac{37}{1000}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{963}{2000}$	$\Phi_{2000}\ \Phi_{400}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
56148	1037	1400	$\frac{13}{350}$	$\frac{1}{14}$	$\frac{363}{1400}$	$\frac{337}{700}$	$\Phi_{1400}\ \Phi_{350}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{70}\ \Phi_{56}\ \Phi_{50}\ \Phi_{40}\ \Phi_{35}\ \Phi_{25}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
56149	1037	1120	$\frac{3}{80}$	$\frac{83}{1120}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
56150	1037	1976	$\frac{49}{988}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{939}{1976}$	$\Phi_{1976}\ \Phi_{152}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
56151	1037	1960	$\frac{57}{980}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{923}{1960}$	$\Phi_{1960}\ \Phi_{392}\ \Phi_{280}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
56152	1037	1260	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{223}{1260}$	$\frac{197}{420}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
56153	1037	2016	$\frac{2}{63}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{63}\ \Phi_{32}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$
56154	1037	1440	$\frac{1}{30}$	$\frac{1}{16}$	$\frac{29}{90}$	$\frac{15}{32}$	$\Phi_{1440}^2\ \Phi_{288}^2\ \Phi_{90}\ \Phi_{45}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
56155	1037	64	$\frac{3}{64}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{64}^{17}\ \Phi_{32}^{14}\ \Phi_{16}^{17}\ \Phi_{8}^{17}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
56156	1037	160	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{19}{80}$	$\frac{15}{32}$	$\Phi_{160}^{12}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}^{13}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
56157	1037	2080	$\frac{4}{65}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{65}\ \Phi_{32}\ \Phi_{13}\ \Phi_{1}$
56158	1037	2400	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{15}{32}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{75}\ \Phi_{32}\ \Phi_{25}\ \Phi_{1}$
56159	1037	1056	$\frac{1}{16}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{1056}^{2}\ \Phi_{352}^{2}\ \Phi_{66}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
56160	1037	288	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{15}{32}$	$\Phi_{288}^{8}\ \Phi_{96}^{4}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}^{5}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
56161	1037	1120	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{15}{32}$	$\Phi_{1120}^{2}\ \Phi_{224}^{2}\ \Phi_{70}\ \Phi_{35}\ \Phi_{32}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
56162	1037	1920	$\frac{3}{80}$	$\frac{77}{960}$	$\frac{1}{4}$	$\frac{883}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
56163	1037	1872	$\frac{3}{104}$	$\frac{101}{936}$	$\frac{1}{4}$	$\frac{835}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{144}\ \Phi_{104}\ \Phi_{52}\ \Phi_{48}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
56164	1037	930	$\frac{1}{62}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{930}\ \Phi_{465}\ \Phi_{310}\ \Phi_{186}^{2}\ \Phi_{155}\ \Phi_{93}^{2}\ \Phi_{62}\ \Phi_{31}\ \Phi_{15}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
56165	1037	63	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{63}^{17}\ \Phi_{21}^{15}\ \Phi_{9}^{17}\ \Phi_{7}^{16}\ \Phi_{3}^{15}\ \Phi_{1}^{17}$
56166	1037	744	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{744}^{2}\ \Phi_{248}^{2}\ \Phi_{186}^{2}\ \Phi_{93}^{2}\ \Phi_{62}\ \Phi_{31}\ \Phi_{24}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
56167	1037	1776	$\frac{1}{74}$	$\frac{149}{888}$	$\frac{73}{222}$	$\frac{739}{1776}$	$\Phi_{1776}\ \Phi_{592}\ \Phi_{222}\ \Phi_{111}\ \Phi_{48}\ \Phi_{16}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
56168	1037	1120	$\frac{1}{14}$	$\frac{83}{1120}$	$\frac{13}{70}$	$\frac{57}{140}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
56169	1037	1056	$\frac{19}{1056}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
56170	1037	1480	$\frac{1}{74}$	$\frac{73}{370}$	$\frac{443}{1480}$	$\frac{297}{740}$	$\Phi_{1480}\ \Phi_{370}\ \Phi_{296}\ \Phi_{185}\ \Phi_{40}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
56171	1037	252	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{252}^{7}\ \Phi_{84}^{7}\ \Phi_{63}^{3}\ \Phi_{36}^{7}\ \Phi_{28}^{5}\ \Phi_{21}^{3}\ \Phi_{12}^{7}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{5}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
56172	1037	1680	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{197}{840}$	$\frac{643}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
56173	1037	1664	$\frac{3}{208}$	$\frac{205}{832}$	$\frac{1}{4}$	$\frac{627}{1664}$	$\Phi_{1664}\ \Phi_{208}\ \Phi_{128}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
56174	1037	1376	$\frac{5}{344}$	$\frac{339}{1376}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1376}\ \Phi_{688}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
56175	1037	1056	$\frac{19}{1056}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
56176	1037	1092	$\frac{55}{1092}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}\ \Phi_{91}\ \Phi_{78}\ \Phi_{52}\ \Phi_{42}\ \Phi_{39}\ \Phi_{26}\ \Phi_{21}\ \Phi_{13}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
56177	1037	1332	$\frac{1}{74}$	$\frac{295}{1332}$	$\frac{73}{222}$	$\frac{149}{444}$	$\Phi_{1332}\ \Phi_{666}\ \Phi_{333}\ \Phi_{222}\ \Phi_{111}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
56178	1037	1560	$\frac{3}{260}$	$\frac{1}{4}$	$\frac{257}{780}$	$\frac{523}{1560}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{312}\ \Phi_{260}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{24}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
56179	1037	504	$\frac{2}{63}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{168}^{2}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{3}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}^{3}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{9}^{3}\ \Phi_{7}^{3}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
56180	1037	1260	$\frac{2}{63}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}\ \Phi_{20}\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
56181	1037	1536	$\frac{13}{512}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{499}{1536}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
56182	1037	1248	$\frac{3}{104}$	$\frac{211}{1248}$	$\frac{1}{4}$	$\frac{101}{312}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{96}\ \Phi_{52}\ \Phi_{48}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
56183	1037	360	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{29}{90}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{90}^{5}\ \Phi_{72}^{4}\ \Phi_{45}^{5}\ \Phi_{36}^{4}\ \Phi_{24}\ \Phi_{18}^{5}\ \Phi_{12}\ \Phi_{9}^{5}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
56184	1037	180	$\frac{1}{30}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{29}{90}$	$\Phi_{180}^{8}\ \Phi_{90}^{9}\ \Phi_{45}^{9}\ \Phi_{36}^{8}\ \Phi_{20}\ \Phi_{18}^{9}\ \Phi_{10}\ \Phi_{9}^{9}\ \Phi_{5}\ \Phi_{1}$
56185	1037	1200	$\frac{3}{80}$	$\frac{163}{1200}$	$\frac{1}{4}$	$\frac{77}{240}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
56186	1037	1512	$\frac{29}{504}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{475}{1512}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{108}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
56187	1037	1134	$\frac{1}{14}$	$\frac{97}{1134}$	$\frac{29}{126}$	$\frac{13}{42}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
56188	1037	1344	$\frac{1}{14}$	$\frac{29}{336}$	$\frac{307}{1344}$	$\frac{13}{42}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{42}\ \Phi_{32}\ \Phi_{21}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
56189	1037	1260	$\frac{1}{14}$	$\frac{29}{252}$	$\frac{223}{1260}$	$\frac{13}{42}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
56190	1037	1176	$\frac{1}{14}$	$\frac{139}{1176}$	$\frac{29}{168}$	$\frac{13}{42}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{42}\ \Phi_{21}\ \Phi_6\ \Phi_3\ \Phi_1$
56191	1037	1470	$\frac{1}{14}$	$\frac{57}{490}$	$\frac{13}{70}$	$\frac{433}{1470}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{294}\ \Phi_{210}\ \Phi_{147}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
56192	1037	192	$\frac{3}{64}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{192}^8\ \Phi_{96}^8\ \Phi_{64}\ \Phi_{48}^8\ \Phi_{32}\ \Phi_{24}^5\ \Phi_{16}\ \Phi_{12}^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
56193	1037	240	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{19}{80}$	$\frac{7}{24}$	$\Phi_{240}^8\ \Phi_{120}^4\ \Phi_{80}\ \Phi_{60}^4\ \Phi_{48}^8\ \Phi_{40}\ \Phi_{30}^4\ \Phi_{24}^5\ \Phi_{16}\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
56194	1037	1560	$\frac{4}{65}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
56195	1037	600	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{14}{75}$	$\frac{7}{24}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^3\ \Phi_{50}^2\ \Phi_{25}^3\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
56196	1037	264	$\frac{5}{66}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{264}^4\ \Phi_{132}^4\ \Phi_{88}^4\ \Phi_{66}^5\ \Phi_{44}^4\ \Phi_{33}^5\ \Phi_{24}\ \Phi_{22}^5\ \Phi_{12}\ \Phi_{11}^5\ \Phi_6\ \Phi_3\ \Phi_1$
56197	1037	72	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{72}$	$\frac{7}{24}$	$\Phi_{72}^{17}\ \Phi_{36}^{17}\ \Phi_{24}^{10}\ \Phi_{18}^{17}\ \Phi_{12}^9\ \Phi_9^{17}\ \Phi_8^9\ \Phi_6^9\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
56198	1037	840	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{70}$	$\frac{7}{24}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
56199	1037	1080	$\frac{43}{1080}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
56200	1037	1440	$\frac{3}{80}$	$\frac{77}{480}$	$\frac{1}{4}$	$\frac{403}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
56201	1037	320	$\frac{3}{64}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{320}^4\ \Phi_{160}^4\ \Phi_{80}^4\ \Phi_{64}\ \Phi_{40}^4\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
56202	1037	1280	$\frac{3}{80}$	$\frac{243}{1280}$	$\frac{77}{320}$	$\frac{1}{4}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{256}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
56203	1037	80	$\frac{1}{20}$	$\frac{3}{20}$	$\frac{19}{80}$	$\frac{1}{4}$	$\Phi_{80}^{17}\ \Phi_{40}^{17}\ \Phi_{20}\ \Phi_{16}^{17}\ \Phi_{10}\ \Phi_8^{17}\ \Phi_5\ \Phi_1$
56204	1037	64	$\frac{3}{64}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{64}^{16}\ \Phi_{32}^{16}\ \Phi_{16}^{17}\ \Phi_8^{17}\ \Phi_4^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
56205	1037	260	$\frac{4}{65}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{260}^4\ \Phi_{130}^4\ \Phi_{65}^5\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{20}\ \Phi_{13}^5\ \Phi_{10}\ \Phi_5\ \Phi_1$
56206	1037	1280	$\frac{13}{256}$	$\frac{3}{16}$	$\frac{243}{1280}$	$\frac{1}{4}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
56207	1037	1152	$\frac{115}{1152}$	$\frac{13}{128}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
56208	1037	300	$\frac{1}{15}$	$\frac{3}{20}$	$\frac{14}{75}$	$\frac{1}{4}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^5\ \Phi_{50}^4\ \Phi_{25}^5\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
56209	1037	1200	$\frac{3}{40}$	$\frac{163}{1200}$	$\frac{37}{200}$	$\frac{1}{4}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
56210	1037	660	$\frac{5}{66}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
56211	1037	360	$\frac{1}{12}$	$\frac{3}{20}$	$\frac{11}{72}$	$\frac{1}{4}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
56212	1037	140	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{140}^8\ \Phi_{70}^9\ \Phi_{35}^9\ \Phi_{28}^8\ \Phi_{20}\ \Phi_{14}^9\ \Phi_{10}\ \Phi_7^9\ \Phi_5\ \Phi_1$
56213	1038	1720	$\frac{1}{172}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{171}{344}$	$\Phi_{1720}\ \Phi_{344}^2\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
56214	1038	1032	$\frac{1}{172}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{171}{344}$	$\Phi_{1032}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
56215	1038	3090	$\frac{4}{515}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{511}{1030}$	$\Phi_{3090}\ \Phi_{618}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
56216	1038	624	$\frac{1}{104}$	$\frac{35}{208}$	$\frac{1}{3}$	$\frac{103}{208}$	$\Phi_{624}^2\ \Phi_{312}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{48}^2\ \Phi_{39}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
56217	1038	2394	$\frac{2}{171}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{169}{342}$	$\Phi_{2394}\ \Phi_{798}\ \Phi_{266}\ \Phi_{126}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
56218	1038	3072	$\frac{7}{512}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{505}{1024}$	$\Phi_{3072}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
56219	1038	976	$\frac{1}{61}$	$\frac{31}{488}$	$\frac{457}{976}$	$\frac{30}{61}$	$\Phi_{976}^2\ \Phi_{61}\ \Phi_{16}^2\ \Phi_1^2$
56220	1038	244	$\frac{1}{61}$	$\frac{31}{244}$	$\frac{71}{244}$	$\frac{30}{61}$	$\Phi_{244}^4\ \Phi_{122}^4\ \Phi_{61}^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
56221	1038	610	$\frac{1}{61}$	$\frac{91}{610}$	$\frac{31}{122}$	$\frac{30}{61}$	$\Phi_{610}^2\ \Phi_{305}^2\ \Phi_{61}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
56222	1038	1624	$\frac{1}{58}$	$\frac{1}{7}$	$\frac{59}{232}$	$\frac{57}{116}$	$\Phi_{1624}\ \Phi_{406}\ \Phi_{203}\ \Phi_{56}\ \Phi_{14}$
56223	1038	340	$\frac{3}{170}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{167}{340}$	$\Phi_{340}^6\ \Phi_{68}^6\ \Phi_{20}^6\ \Phi_{17}\ \Phi_4^6\ \Phi_1^2$
56224	1038	1020	$\frac{3}{170}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{167}{340}$	$\Phi_{1020}^3\ \Phi_{204}^3\ \Phi_{60}^3\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^3\ \Phi_6$
56225	1038	340	$\frac{3}{170}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{167}{340}$	$\Phi_{340}^6\ \Phi_{68}^6\ \Phi_{20}^6\ \Phi_{17}\ \Phi_4^6\ \Phi_1^2$
56226	1038	1014	$\frac{4}{169}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{165}{338}$	$\Phi_{1014}^3\ \Phi_{78}^3\ \Phi_{39}\ \Phi_6^3$
56227	1038	1680	$\frac{1}{40}$	$\frac{41}{560}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
56228	1038	336	$\frac{5}{168}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{163}{336}$	$\Phi_{336}^6\ \Phi_{112}^6\ \Phi_{48}^6\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}^6\ \Phi_{14}$
56229	1038	3000	$\frac{19}{500}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{481}{1000}$	$\Phi_{3000}\ \Phi_{600}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
56230	1038	2964	$\frac{1}{26}$	$\frac{25}{494}$	$\frac{1}{3}$	$\frac{469}{988}$	$\Phi_{2964}\ \Phi_{228}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
56231	1038	255	$\frac{3}{85}$	$\frac{1}{17}$	$\frac{82}{255}$	$\frac{8}{17}$	$\Phi_{255}^6\ \Phi_{51}^6\ \Phi_{17}\ \Phi_{15}^6\ \Phi_3^6\ \Phi_1^2$
56232	1038	544	$\frac{25}{544}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{544}^2\ \Phi_{272}^2\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{32}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
56233	1038	680	$\frac{9}{170}$	$\frac{1}{17}$	$\frac{161}{680}$	$\frac{8}{17}$	$\Phi_{680}^2\ \Phi_{340}^2\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
56234	1038	187	$\frac{1}{17}$	$\frac{14}{187}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{187}^6\ \Phi_{17}\ \Phi_{11}^6\ \Phi_1^2$
56235	1038	204	$\frac{1}{17}$	$\frac{3}{34}$	$\frac{31}{204}$	$\frac{8}{17}$	$\Phi_{204}^6\ \Phi_{102}^6\ \Phi_{68}^6\ \Phi_{51}^6\ \Phi_{17}\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_1^2$
56236	1038	595	$\frac{1}{17}$	$\frac{9}{85}$	$\frac{76}{595}$	$\frac{8}{17}$	$\Phi_{595}^2\ \Phi_{119}^2\ \Phi_{35}^2\ \Phi_{17}\ \Phi_7^2\ \Phi_1^2$
56237	1038	960	$\frac{1}{40}$	$\frac{13}{160}$	$\frac{1}{3}$	$\frac{147}{320}$	$\Phi_{960}^3\ \Phi_{192}^3\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
56238	1038	312	$\frac{1}{52}$	$\frac{17}{156}$	$\frac{1}{3}$	$\frac{139}{312}$	$\Phi_{312}^6\ \Phi_{156}\ \Phi_{104}^6\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}^6\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
56239	1038	528	$\frac{3}{176}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{48}^2\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
56240	1038	305	$\frac{1}{61}$	$\frac{41}{305}$	$\frac{20}{61}$	$\frac{132}{305}$	$\Phi_{305}^3\ \Phi_{61}^5\ \Phi_5^3\ \Phi_1^6$
56241	1038	2730	$\frac{1}{65}$	$\frac{64}{455}$	$\frac{1}{3}$	$\frac{391}{910}$	$\Phi_{2730}\ \Phi_{546}\ \Phi_{390}\ \Phi_{210}\ \Phi_{195}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
56242	1038	244	$\frac{1}{61}$	$\frac{10}{61}$	$\frac{71}{244}$	$\frac{51}{122}$	$\Phi_{244}^6\ \Phi_{61}^5\ \Phi_4^6\ \Phi_1^6$
56243	1038	1260	$\frac{7}{180}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
56244	1038	183	$\frac{10}{183}$	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{25}{61}$	$\Phi_{183}^6\ \Phi_{61}^5\ \Phi_3^6\ \Phi_1^6$
56245	1038	2030	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{28}{145}$	$\frac{117}{290}$	$\Phi_{2030}\ \Phi_{406}\ \Phi_{203}\ \Phi_{70}\ \Phi_{14}$
56246	1038	1290	$\frac{1}{86}$	$\frac{1}{5}$	$\frac{85}{258}$	$\frac{2}{5}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{258}^2\ \Phi_{129}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
56247	1038	880	$\frac{3}{176}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}^2\ \Phi_{110}\ \Phi_{88}^2\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{40}\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
56248	1038	215	$\frac{1}{43}$	$\frac{42}{215}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{215}^5\ \Phi_{43}^4\ \Phi_5^6\ \Phi_1^6$
56249	1038	2496	$\frac{1}{104}$	$\frac{103}{416}$	$\frac{1}{3}$	$\frac{313}{832}$	$\Phi_{2496}\ \Phi_{312}\ \Phi_{192}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
56250	1038	183	$\frac{10}{183}$	$\frac{4}{61}$	$\frac{19}{61}$	$\frac{21}{61}$	$\Phi_{183}^6\ \Phi_{61}^5\ \Phi_3^6\ \Phi_1^6$
56251	1038	780	$\frac{1}{130}$	$\frac{43}{130}$	$\frac{1}{3}$	$\frac{87}{260}$	$\Phi_{780}^3\ \Phi_{390}\ \Phi_{195}\ \Phi_{156}^3\ \Phi_{78}\ \Phi_{60}^3\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^3\ \Phi_6$
56252	1038	516	$\frac{1}{86}$	$\frac{1}{4}$	$\frac{85}{258}$	$\frac{1}{3}$	$\Phi_{516}^2\ \Phi_{258}\ \Phi_{172}^4\ \Phi_{129}\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
56253	1038	624	$\frac{1}{52}$	$\frac{35}{208}$	$\frac{17}{52}$	$\frac{1}{3}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{156}\ \Phi_{78}\ \Phi_{48}^3\ \Phi_{39}\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
56254	1038	600	$\frac{1}{40}$	$\frac{27}{200}$	$\frac{13}{40}$	$\frac{1}{3}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{150}^3\ \Phi_{120}\ \Phi_{75}^3\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
56255	1038	768	$\frac{7}{256}$	$\frac{1}{8}$	$\frac{83}{256}$	$\frac{1}{3}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{192}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
56256	1038	195	$\frac{2}{65}$	$\frac{22}{195}$	$\frac{21}{65}$	$\frac{1}{3}$	$\Phi_{195}^5\ \Phi_{65}^6\ \Phi_{39}^5\ \Phi_{15}^5\ \Phi_{13}^6\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
56257	1038	546	$\frac{9}{182}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{546}^3\ \Phi_{273}^3\ \Phi_{78}^3\ \Phi_{42}^3\ \Phi_{39}\ \Phi_{21}^3\ \Phi_6^3$
56258	1038	180	$\frac{7}{180}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^6\ \Phi_{45}^6\ \Phi_{36}^6\ \Phi_{30}^4\ \Phi_{20}^6\ \Phi_{18}^6\ \Phi_{15}^4\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_9^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
56259	1038	240	$\frac{1}{40}$	$\frac{13}{80}$	$\frac{67}{240}$	$\frac{1}{3}$	$\Phi_{240}^3\ \Phi_{120}^4\ \Phi_{80}^6\ \Phi_{60}^4\ \Phi_{48}^3\ \Phi_{40}^6\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^6\ \Phi_{16}^6\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^6\ \Phi_8^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
56260	1038	528	$\frac{3}{176}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{48}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
56261	1038	2064	$\frac{3}{172}$	$\frac{169}{688}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
56262	1038	2580	$\frac{1}{43}$	$\frac{42}{215}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}\ \Phi_6$
56263	1038	1920	$\frac{1}{40}$	$\frac{121}{640}$	$\frac{39}{160}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{384}\ \Phi_{192}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
56264	1038	1596	$\frac{2}{57}$	$\frac{1}{7}$	$\frac{55}{228}$	$\frac{1}{3}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{266}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
56265	1038	2040	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{161}{680}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{408}\ \Phi_{204}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
56266	1038	2028	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{157}{676}$	$\frac{1}{3}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
56267	1038	1260	$\frac{7}{180}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
56268	1038	1632	$\frac{25}{544}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
56269	1038	600	$\frac{1}{20}$	$\frac{27}{200}$	$\frac{19}{100}$	$\frac{1}{3}$	$\Phi_{600}^3\ \Phi_{300}^2\ \Phi_{150}^2\ \Phi_{120}^3\ \Phi_{75}^2\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
56270	1038	1920	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{121}{640}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
56271	1038	192	$\frac{19}{192}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{192}^5\ \Phi_{96}^5\ \Phi_{64}^6\ \Phi_{48}^5\ \Phi_{32}^6\ \Phi_{24}^6\ \Phi_{16}^6\ \Phi_{12}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
56272	1038	255	$\frac{3}{85}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{82}{255}$	$\Phi_{255}^6\ \Phi_{51}^6\ \Phi_{17}\ \Phi_{15}^6\ \Phi_3^6\ \Phi_1^2$
56273	1038	252	$\frac{5}{84}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{79}{252}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{63}^6\ \Phi_{42}\ \Phi_{36}^6\ \Phi_{21}\ \Phi_{18}^6\ \Phi_{14}\ \Phi_9^6$
56274	1038	187	$\frac{14}{187}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{187}^6\ \Phi_{17}\ \Phi_{11}^6\ \Phi_1^2$
56275	1038	204	$\frac{3}{34}$	$\frac{2}{17}$	$\frac{31}{204}$	$\frac{5}{17}$	$\Phi_{204}^6\ \Phi_{102}^6\ \Phi_{68}^6\ \Phi_{51}^6\ \Phi_{17}\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_1^2$
56276	1038	1344	$\frac{19}{192}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{112}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
56277	1038	210	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{37}{210}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^6\ \Phi_{42}\ \Phi_{35}^6\ \Phi_{30}^6\ \Phi_{21}\ \Phi_{15}^6\ \Phi_{14}\ \Phi_{10}^6\ \Phi_5^6$
56278	1039	2064	$\frac{7}{1032}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1025}{2064}$	$\Phi_{2064}\ \Phi_{688}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
56279	1039	2052	$\frac{13}{1026}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1013}{2052}$	$\Phi_{2052}\ \Phi_{684}\ \Phi_{228}\ \Phi_{108}\ \Phi_{76}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
56280	1039	1392	$\frac{5}{348}$	$\frac{1}{6}$	$\frac{353}{1392}$	$\frac{343}{696}$	$\Phi_{1392}\ \Phi_{464}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}\ \Phi_{48}\ \Phi_{29}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
56281	1039	2016	$\frac{31}{1008}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{977}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
56282	1039	1080	$\frac{41}{1080}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
56283	1039	1548	$\frac{7}{516}$	$\frac{1}{6}$	$\frac{509}{1548}$	$\frac{5}{12}$	$\Phi_{1548}\ \Phi_{774}\ \Phi_{387}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
56284	1039	1056	$\frac{17}{1056}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
56285	1039	1740	$\frac{5}{174}$	$\frac{1}{6}$	$\frac{169}{870}$	$\frac{701}{1740}$	$\Phi_{1740}\ \Phi_{580}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{60}\ \Phi_{58}\ \Phi_{29}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
56286	1039	1512	$\frac{31}{504}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{473}{1512}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
56287	1039	1080	$\frac{41}{1080}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
56288	1039	1368	$\frac{13}{342}$	$\frac{1}{6}$	$\frac{329}{1368}$	$\frac{5}{18}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{76}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
56289	1039	1152	$\frac{113}{1152}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{144}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
56290	1039	1260	$\frac{31}{252}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{221}{1260}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
56291	1040	777	$\frac{1}{259}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{129}{259}$	$\Phi_{777}\ \Phi_{259}^2\ \Phi_{111}\ \Phi_{37}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
56292	1040	1039	$\frac{5}{1039}$	$\frac{261}{1039}$	$\frac{389}{1039}$	$\frac{517}{1039}$	$\Phi_{1039}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
56293	1040	1656	$\frac{1}{207}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{103}{207}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{207}\ \Phi_{184}\ \Phi_{72}\ \Phi_{69}\ \Phi_{24}\ \Phi_{23}\ \Phi_{9}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
56294	1040	1563	$\frac{3}{521}$	$\frac{131}{521}$	$\frac{1}{3}$	$\frac{259}{521}$	Φ_{1563}
56295	1040	903	$\frac{1}{129}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{64}{129}$	$\Phi_{903}\ \Phi_{301}\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_{21}\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
56296	1040	645	$\frac{1}{129}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{64}{129}$	$\Phi_{645}^2\ \Phi_{215}^2\ \Phi_{15}^3\ \Phi_{5}^2$
56297	1040	1039	$\frac{9}{1039}$	$\frac{131}{1039}$	$\frac{454}{1039}$	$\frac{515}{1039}$	$\Phi_{1039}\ \Phi_{1}^2$
56298	1040	927	$\frac{1}{103}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{51}{103}$	$\Phi_{927}\ \Phi_{309}\ \Phi_{103}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
56299	1040	618	$\frac{1}{103}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{51}{103}$	$\Phi_{618}^2\ \Phi_{309}\ \Phi_{206}^2\ \Phi_{103}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
56300	1040	1039	$\frac{11}{1039}$	$\frac{105}{1039}$	$\frac{467}{1039}$	$\frac{514}{1039}$	$\Phi_{1039}\ \Phi_{1}^2$
56301	1040	435	$\frac{1}{87}$	$\frac{1}{5}$	$\frac{22}{87}$	$\frac{43}{87}$	$\Phi_{435}^3\ \Phi_{145}^3\ \Phi_{15}^3\ \Phi_{5}^2$
56302	1040	1039	$\frac{13}{1039}$	$\frac{194}{1039}$	$\frac{263}{1039}$	$\frac{513}{1039}$	$\Phi_{1039}\ \Phi_{1}^2$
56303	1040	1896	$\frac{1}{79}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{39}{79}$	$\Phi_{1896}\ \Phi_{632}\ \Phi_{79}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{1}^2$
56304	1040	1185	$\frac{1}{79}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{39}{79}$	$\Phi_{1185}\ \Phi_{395}\ \Phi_{79}\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{1}^2$
56305	1040	1422	$\frac{1}{79}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{39}{79}$	$\Phi_{1422}\ \Phi_{711}\ \Phi_{79}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{1}^2$
56306	1040	1264	$\frac{1}{79}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{39}{79}$	$\Phi_{1264}\ \Phi_{632}\ \Phi_{79}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
56307	1040	1563	$\frac{7}{521}$	$\frac{66}{521}$	$\frac{1}{3}$	$\frac{257}{521}$	Φ_{1563}
56308	1040	1254	$\frac{3}{209}$	$\frac{1}{6}$	$\frac{53}{209}$	$\frac{103}{209}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}\ \Phi_{114}\ \Phi_{66}\ \Phi_{57}\ \Phi_{38}\ \Phi_{33}\ \Phi_{22}$
56309	1040	1920	$\frac{1}{64}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{63}{128}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}^2\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
56310	1040	1152	$\frac{1}{64}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{63}{128}$	$\Phi_{1152}^2\ \Phi_{384}\ \Phi_{128}^2\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
56311	1040	640	$\frac{1}{64}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{63}{128}$	$\Phi_{640}^3\ \Phi_{128}^4\ \Phi_{5}^3\ \Phi_{1}^4$
56312	1040	1039	$\frac{17}{1039}$	$\frac{155}{1039}$	$\frac{264}{1039}$	$\frac{511}{1039}$	$\Phi_{1039}\ \Phi_{1}^2$
56313	1040	1563	$\frac{9}{521}$	$\frac{53}{521}$	$\frac{1}{3}$	$\frac{256}{521}$	Φ_{1563}
56314	1040	969	$\frac{1}{51}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{25}{51}$	$\Phi_{969}\ \Phi_{323}\ \Phi_{57}\ \Phi_{51}^2\ \Phi_{19}^2\ \Phi_{17}^2\ \Phi_{3}^2\ \Phi_{1}^4$
56315	1040	561	$\frac{1}{51}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{561}^2\ \Phi_{187}^2\ \Phi_{33}^3\ \Phi_{11}^2$
56316	1040	969	$\frac{1}{51}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{25}{51}$	$\Phi_{969}\ \Phi_{323}\ \Phi_{57}\ \Phi_{51}^2\ \Phi_{19}^2\ \Phi_{17}^2\ \Phi_{3}^2\ \Phi_{1}^4$
56317	1040	510	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{25}{51}$	$\Phi_{510}^3\ \Phi_{255}^2\ \Phi_{170}^3\ \Phi_{85}^2\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_{5}^2$
56318	1040	1039	$\frac{21}{1039}$	$\frac{53}{1039}$	$\frac{493}{1039}$	$\frac{509}{1039}$	$\Phi_{1039}\ \Phi_{1}^2$
56319	1040	975	$\frac{1}{39}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{19}{39}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{195}\ \Phi_{75}\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
56320	1040	546	$\frac{1}{39}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{78}^2\ \Phi_{42}^3\ \Phi_{26}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{2}^2$
56321	1040	195	$\frac{1}{39}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{19}{39}$	$\Phi_{195}^5\ \Phi_{65}^5\ \Phi_{39}^6\ \Phi_{15}^7\ \Phi_{13}^6\ \Phi_{5}^6\ \Phi_{3}^8\ \Phi_{1}^8$
56322	1040	1039	$\frac{27}{1039}$	$\frac{41}{1039}$	$\frac{499}{1039}$	$\frac{506}{1039}$	$\Phi_{1039}\ \Phi_{1}^2$
56323	1040	385	$\frac{1}{35}$	$\frac{1}{11}$	$\frac{9}{35}$	$\frac{17}{35}$	$\Phi_{385}^3\ \Phi_{77}^3\ \Phi_{55}^3\ \Phi_{11}^2$
56324	1040	1039	$\frac{31}{1039}$	$\frac{107}{1039}$	$\frac{233}{1039}$	$\frac{504}{1039}$	$\Phi_{1039}\ \Phi_{1}^2$
56325	1040	2142	$\frac{2}{63}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{2142}\ \Phi_{714}\ \Phi_{306}\ \Phi_{238}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
56326	1040	630	$\frac{2}{63}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{61}{126}$	$\Phi_{630}^4\ \Phi_{210}^4\ \Phi_{90}^4\ \Phi_{70}^4\ \Phi_{45}\ \Phi_{30}^4\ \Phi_{15}\ \Phi_{10}^4$
56327	1040	1039	$\frac{33}{1039}$	$\frac{134}{1039}$	$\frac{181}{1039}$	$\frac{503}{1039}$	$\Phi_{1039}\ \Phi_{1}^2$
56328	1040	1254	$\frac{7}{209}$	$\frac{27}{209}$	$\frac{1}{6}$	$\frac{101}{209}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}\ \Phi_{114}\ \Phi_{66}\ \Phi_{57}\ \Phi_{38}\ \Phi_{33}\ \Phi_{22}$
56329	1040	145	$\frac{1}{29}$	$\frac{3}{29}$	$\frac{1}{5}$	$\frac{14}{29}$	$\Phi_{145}^9\ \Phi_{5}^8$
56330	1040	1039	$\frac{37}{1039}$	$\frac{77}{1039}$	$\frac{269}{1039}$	$\frac{501}{1039}$	$\Phi_{1039}\ \Phi_{1}^2$
56331	1040	1563	$\frac{19}{521}$	$\frac{27}{521}$	$\frac{1}{3}$	$\frac{251}{521}$	Φ_{1563}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
56332	1040	378	$\frac{1}{27}$	$\frac{1}{14}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{378}^3\ \Phi_{189}^3\ \Phi_{126}^3\ \Phi_{63}^3\ \Phi_{54}^3\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{2}^2$
56333	1040	525	$\frac{1}{25}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}^2\ \Phi_{75}\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{21}^4\ \Phi_{15}\ \Phi_{7}^4\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
56334	1040	325	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{12}{25}$	$\Phi_{325}^3\ \Phi_{65}^3\ \Phi_{25}^4\ \Phi_{13}^6\ \Phi_{5}^4\ \Phi_{1}^8$
56335	1040	275	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{275}^4\ \Phi_{55}^5\ \Phi_{11}^4$
56336	1040	975	$\frac{1}{25}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{12}{25}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{195}\ \Phi_{75}\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
56337	1040	450	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{12}{25}$	$\Phi_{450}^3\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{90}^3\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{18}^6\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
56338	1040	1496	$\frac{1}{22}$	$\frac{1}{17}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{1496}\ \Phi_{374}\ \Phi_{187}\ \Phi_{136}\ \Phi_{34}$
56339	1040	1039	$\frac{49}{1039}$	$\frac{59}{1039}$	$\frac{272}{1039}$	$\frac{495}{1039}$	$\Phi_{1039}\ \Phi_{1}^2$
56340	1040	693	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{11}{63}$	$\frac{10}{21}$	$\Phi_{693}^2\ \Phi_{231}\ \Phi_{99}^2\ \Phi_{77}\ \Phi_{33}$
56341	1040	1563	$\frac{21}{521}$	$\frac{25}{521}$	$\frac{1}{3}$	$\frac{248}{521}$	Φ_{1563}
56342	1040	198	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{47}{99}$	$\Phi_{198}^6\ \Phi_{99}^4\ \Phi_{66}^7\ \Phi_{33}^5\ \Phi_{22}^7\ \Phi_{18}^6\ \Phi_{11}^4\ \Phi_{9}^4\ \Phi_{6}^6\ \Phi_{3}^4\ \Phi_{2}^6\ \Phi_{1}^4$
56343	1040	513	$\frac{1}{27}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{513}^2\ \Phi_{171}^2\ \Phi_{57}\ \Phi_{27}^4\ \Phi_{19}^2\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^4$
56344	1040	323	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{9}{19}$	$\Phi_{323}^3\ \Phi_{19}^4\ \Phi_{17}^6\ \Phi_{1}^8$
56345	1040	1330	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{190}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{10}^2$
56346	1040	114	$\frac{1}{19}$	$\frac{5}{57}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{114}^{11}\ \Phi_{57}^7\ \Phi_{38}^{11}\ \Phi_{19}^8\ \Phi_{6}^{10}\ \Phi_{3}^6\ \Phi_{2}^{10}\ \Phi_{1}^8$
56347	1040	1113	$\frac{1}{21}$	$\frac{3}{53}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{1113}\ \Phi_{371}\ \Phi_{159}$
56348	1040	1039	$\frac{55}{1039}$	$\frac{61}{1039}$	$\frac{246}{1039}$	$\frac{489}{1039}$	$\Phi_{1039}\ \Phi_{1}^2$
56349	1040	539	$\frac{3}{49}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{23}{49}$	$\Phi_{539}^2\ \Phi_{77}^3\ \Phi_{11}^2$
56350	1040	1039	$\frac{65}{1039}$	$\frac{69}{1039}$	$\frac{194}{1039}$	$\frac{487}{1039}$	$\Phi_{1039}\ \Phi_{1}^2$
56351	1040	480	$\frac{1}{32}$	$\frac{1}{15}$	$\frac{31}{96}$	$\frac{7}{15}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^3\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
56352	1040	1020	$\frac{3}{68}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
56353	1040	240	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{3}{16}$	$\frac{7}{15}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^8\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{8}^8\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{4}^8\ \Phi_{3}^5\ \Phi_{2}^8\ \Phi_{1}^{10}$
56354	1040	210	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{210}^5\ \Phi_{105}^5\ \Phi_{70}^5\ \Phi_{42}^7\ \Phi_{35}^5\ \Phi_{30}^2\ \Phi_{21}^7\ \Phi_{15}^3\ \Phi_{14}^6\ \Phi_{10}^2\ \Phi_{7}^6\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
56355	1040	165	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{7}{15}$	$\Phi_{165}^7\ \Phi_{55}^7\ \Phi_{33}^7\ \Phi_{11}^6$
56356	1040	360	$\frac{1}{15}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{7}{15}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^2\ \Phi_{90}^3\ \Phi_{72}^4\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{36}^4\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_{9}^4\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
56357	1040	1039	$\frac{71}{1039}$	$\frac{111}{1039}$	$\frac{116}{1039}$	$\frac{484}{1039}$	$\Phi_{1039}\ \Phi_{1}^2$
56358	1040	1179	$\frac{9}{131}$	$\frac{14}{131}$	$\frac{1}{9}$	$\frac{61}{131}$	$\Phi_{1179}\ \Phi_{393}$
56359	1040	1039	$\frac{73}{1039}$	$\frac{90}{1039}$	$\frac{139}{1039}$	$\frac{483}{1039}$	$\Phi_{1039}\ \Phi_{1}^2$
56360	1040	1254	$\frac{14}{209}$	$\frac{15}{209}$	$\frac{1}{6}$	$\frac{97}{209}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}\ \Phi_{114}\ \Phi_{66}\ \Phi_{57}\ \Phi_{38}\ \Phi_{33}\ \Phi_{22}$
56361	1040	1305	$\frac{14}{261}$	$\frac{19}{261}$	$\frac{1}{5}$	$\frac{121}{261}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{145}\ \Phi_{45}\ \Phi_{15}$
56362	1040	1107	$\frac{1}{27}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{1107}\ \Phi_{369}\ \Phi_{123}$
56363	1040	1039	$\frac{38}{1039}$	$\frac{77}{1039}$	$\frac{279}{1039}$	$\frac{481}{1039}$	$\Phi_{1039}\ \Phi_{1}^2$
56364	1040	1563	$\frac{14}{521}$	$\frac{39}{521}$	$\frac{1}{3}$	$\frac{241}{521}$	Φ_{1563}
56365	1040	1039	$\frac{43}{1039}$	$\frac{79}{1039}$	$\frac{249}{1039}$	$\frac{480}{1039}$	$\Phi_{1039}\ \Phi_{1}^2$
56366	1040	984	$\frac{1}{41}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{984}^2\ \Phi_{328}^2\ \Phi_{123}$
56367	1040	1896	$\frac{3}{79}$	$\frac{1}{12}$	$\frac{19}{79}$	$\frac{11}{24}$	$\Phi_{1896}\ \Phi_{632}\ \Phi_{79}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
56368	1040	840	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{15}$
56369	1040	1896	$\frac{4}{79}$	$\frac{1}{12}$	$\frac{15}{79}$	$\frac{11}{24}$	$\Phi_{1896}\ \Phi_{632}\ \Phi_{79}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{1}^2$
56370	1040	408	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{408}^5\ \Phi_{136}^5\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
56371	1040	1896	$\frac{1}{12}$	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{11}{24}$	$\Phi_{1896}\ \Phi_{632}\ \Phi_{79}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{1}^2$
56372	1040	792	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{11}{24}$	$\Phi_{792}^3\ \Phi_{264}^2\ \Phi_{99}\ \Phi_{88}^2\ \Phi_{33}$
56373	1040	1134	$\frac{1}{14}$	$\frac{7}{81}$	$\frac{11}{81}$	$\frac{37}{81}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{162}\ \Phi_{126}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{6}$
56374	1040	330	$\frac{3}{55}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{110}^4\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{30}^4\ \Phi_{22}^3\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{2}^2$
56375	1040	1039	$\frac{69}{1039}$	$\frac{97}{1039}$	$\frac{142}{1039}$	$\frac{471}{1039}$	$\Phi_{1039}\ \Phi_{1}^2$
56376	1040	570	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{1}{6}$	$\frac{43}{95}$	$\Phi_{570}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{38}^3\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{2}^2$
56377	1040	1305	$\frac{11}{261}$	$\frac{25}{261}$	$\frac{1}{5}$	$\frac{118}{261}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{145}\ \Phi_{45}\ \Phi_{15}$
56378	1040	1039	$\frac{29}{1039}$	$\frac{101}{1039}$	$\frac{285}{1039}$	$\frac{469}{1039}$	$\Phi_{1039}\ \Phi_{1}^2$
56379	1040	1563	$\frac{11}{521}$	$\frac{51}{521}$	$\frac{1}{3}$	$\frac{235}{521}$	Φ_{1563}
56380	1040	1039	$\frac{44}{1039}$	$\frac{105}{1039}$	$\frac{199}{1039}$	$\frac{467}{1039}$	$\Phi_{1039}\ \Phi_{1}^2$
56381	1040	477	$\frac{1}{53}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{477}^2\ \Phi_{159}^3\ \Phi_{53}^2$
56382	1040	738	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{738}^2\ \Phi_{369}\ \Phi_{246}^2\ \Phi_{123}\ \Phi_{82}^2$
56383	1040	927	$\frac{3}{103}$	$\frac{1}{9}$	$\frac{25}{103}$	$\frac{4}{9}$	$\Phi_{927}\ \Phi_{309}\ \Phi_{103}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
56384	1040	135	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{135}^{10}\ \Phi_{45}^9\ \Phi_{15}^9\ \Phi_{5}^8$
56385	1040	927	$\frac{7}{103}$	$\frac{1}{9}$	$\frac{12}{103}$	$\frac{4}{9}$	$\Phi_{927}\ \Phi_{309}\ \Phi_{103}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
56386	1040	126	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{126}^9\ \Phi_{63}^9\ \Phi_{42}^9\ \Phi_{21}^9\ \Phi_{18}^9\ \Phi_{14}^8\ \Phi_{7}^8\ \Phi_{6}^9\ \Phi_{2}^8$
56387	1040	1039	$\frac{71}{1039}$	$\frac{116}{1039}$	$\frac{121}{1039}$	$\frac{459}{1039}$	$\Phi_{1039}\ \Phi_{1}^2$
56388	1040	1254	$\frac{9}{209}$	$\frac{25}{209}$	$\frac{1}{6}$	$\frac{92}{209}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}\ \Phi_{114}\ \Phi_{66}\ \Phi_{57}\ \Phi_{38}\ \Phi_{33}\ \Phi_{22}$
56389	1040	580	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{1}{5}$	$\frac{51}{116}$	$\Phi_{580}^4\ \Phi_{145}\ \Phi_{20}^4$
56390	1040	462	$\frac{1}{66}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}^4\ \Phi_{42}^2\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{11}^4\ \Phi_{7}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
56391	1040	371	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{371}^3\ \Phi_{53}^2$
56392	1040	602	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{21}{86}$	$\frac{3}{7}$	$\Phi_{602}^2\ \Phi_{301}\ \Phi_{86}^4\ \Phi_{43}^2\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{2}^4\ \Phi_{1}^4$
56393	1040	903	$\frac{4}{129}$	$\frac{1}{7}$	$\frac{25}{129}$	$\frac{3}{7}$	$\Phi_{903}\ \Phi_{301}\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_{21}\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
56394	1040	378	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{378}^3\ \Phi_{189}^2\ \Phi_{126}^3\ \Phi_{63}^2\ \Phi_{54}^6\ \Phi_{42}^2\ \Phi_{27}^4\ \Phi_{21}\ \Phi_{18}^6\ \Phi_{14}^2\ \Phi_{9}^4\ \Phi_{7}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
56395	1040	301	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{301}^3\ \Phi_{43}^6\ \Phi_{7}^4\ \Phi_{1}^8$
56396	1040	154	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{154}^8\ \Phi_{77}^7\ \Phi_{22}^8\ \Phi_{11}^6$
56397	1040	1039	$\frac{23}{1039}$	$\frac{157}{1039}$	$\frac{254}{1039}$	$\frac{441}{1039}$	$\Phi_{1039}\ \Phi_{1}^2$
56398	1040	495	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{7}{45}$	$\frac{19}{45}$	$\Phi_{495}^2\ \Phi_{165}^3\ \Phi_{99}^2\ \Phi_{55}^3\ \Phi_{33}^3\ \Phi_{11}^2$
56399	1040	1224	$\frac{1}{17}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{153}\ \Phi_{136}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
56400	1040	1107	$\frac{1}{27}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{1107}\ \Phi_{369}\ \Phi_{123}$
56401	1040	1039	$\frac{47}{1039}$	$\frac{124}{1039}$	$\frac{183}{1039}$	$\frac{428}{1039}$	$\Phi_{1039}\ \Phi_{1}^2$
56402	1040	1122	$\frac{1}{66}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{374}\ \Phi_{187}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
56403	1040	374	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{374}^5\ \Phi_{187}\ \Phi_{34}^5$
56404	1040	378	$\frac{1}{14}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{378}^3\ \Phi_{189}^3\ \Phi_{126}^3\ \Phi_{63}^3\ \Phi_{54}^3\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{2}^2$
56405	1040	1039	$\frac{74}{1039}$	$\frac{77}{1039}$	$\frac{193}{1039}$	$\frac{423}{1039}$	$\Phi_{1039}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
56406	1040	1179	$\frac{6}{131}$	$\frac{1}{9}$	$\frac{25}{131}$	$\frac{53}{131}$	$\Phi_{1179}\ \Phi_{393}$
56407	1040	1039	$\frac{34}{1039}$	$\frac{155}{1039}$	$\frac{201}{1039}$	$\frac{419}{1039}$	$\Phi_{1039}\ \Phi_{1}^{2}$
56408	1040	435	$\frac{2}{87}$	$\frac{17}{87}$	$\frac{1}{5}$	$\frac{35}{87}$	$\Phi_{435}^{3}\ \Phi_{145}^{3}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
56409	1040	1039	$\frac{14}{1039}$	$\frac{205}{1039}$	$\frac{311}{1039}$	$\frac{417}{1039}$	$\Phi_{1039}\ \Phi_{1}^{2}$
56410	1040	1563	$\frac{6}{521}$	$\frac{103}{521}$	$\frac{1}{3}$	$\frac{209}{521}$	Φ_{1563}
56411	1040	55	$\frac{3}{55}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{55}^{19}\ \Phi_{11}^{18}\ \Phi_{5}^{20}\ \Phi_{1}^{20}$
56412	1040	1039	$\frac{24}{1039}$	$\frac{203}{1039}$	$\frac{209}{1039}$	$\frac{415}{1039}$	$\Phi_{1039}\ \Phi_{1}^{2}$
56413	1040	1107	$\frac{1}{27}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{1107}\ \Phi_{369}\ \Phi_{123}$
56414	1040	1039	$\frac{49}{1039}$	$\frac{99}{1039}$	$\frac{235}{1039}$	$\frac{402}{1039}$	$\Phi_{1039}\ \Phi_{1}^{2}$
56415	1040	1039	$\frac{64}{1039}$	$\frac{75}{1039}$	$\frac{241}{1039}$	$\frac{399}{1039}$	$\Phi_{1039}\ \Phi_{1}^{2}$
56416	1040	1134	$\frac{5}{81}$	$\frac{1}{14}$	$\frac{19}{81}$	$\frac{31}{81}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{162}\ \Phi_{126}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{6}$
56417	1040	231	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{5}{21}$	$\frac{8}{21}$	$\Phi_{231}^{5}\ \Phi_{77}^{5}\ \Phi_{33}^{5}\ \Phi_{11}^{4}$
56418	1040	1039	$\frac{35}{1039}$	$\frac{129}{1039}$	$\frac{251}{1039}$	$\frac{394}{1039}$	$\Phi_{1039}\ \Phi_{1}^{2}$
56419	1040	1254	$\frac{5}{209}$	$\frac{1}{6}$	$\frac{51}{209}$	$\frac{79}{209}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}\ \Phi_{114}\ \Phi_{66}\ \Phi_{57}\ \Phi_{38}\ \Phi_{33}\ \Phi_{22}$
56420	1040	1039	$\frac{11}{1039}$	$\frac{257}{1039}$	$\frac{324}{1039}$	$\frac{391}{1039}$	$\Phi_{1039}\ \Phi_{1}^{2}$
56421	1040	1563	$\frac{5}{521}$	$\frac{129}{521}$	$\frac{1}{3}$	$\frac{196}{521}$	Φ_{1563}
56422	1040	840	$\frac{1}{105}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{840}^{2}\ \Phi_{280}^{2}\ \Phi_{168}^{2}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{56}^{2}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
56423	1040	552	$\frac{1}{69}$	$\frac{17}{69}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{552}^{3}\ \Phi_{184}^{3}\ \Phi_{69}^{3}\ \Phi_{24}^{3}\ \Phi_{23}^{3}\ \Phi_{8}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
56424	1040	2120	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2120}\ \Phi_{265}$
56425	1040	1656	$\frac{7}{207}$	$\frac{25}{207}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{207}\ \Phi_{184}\ \Phi_{72}\ \Phi_{69}\ \Phi_{24}\ \Phi_{23}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
56426	1040	216	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^{8}\ \Phi_{72}^{7}\ \Phi_{27}^{8}\ \Phi_{24}^{7}\ \Phi_{9}^{7}\ \Phi_{8}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
56427	1040	920	$\frac{1}{23}$	$\frac{11}{115}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{920}^{2}\ \Phi_{184}\ \Phi_{115}^{2}\ \Phi_{40}^{2}\ \Phi_{23}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
56428	1040	552	$\frac{4}{69}$	$\frac{5}{69}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{552}^{3}\ \Phi_{184}^{3}\ \Phi_{69}^{3}\ \Phi_{24}^{3}\ \Phi_{23}^{3}\ \Phi_{8}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
56429	1040	952	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{952}^{2}\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{34}$
56430	1040	393	$\frac{1}{131}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{393}^{3}\ \Phi_{131}^{2}$
56431	1040	777	$\frac{3}{259}$	$\frac{64}{259}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{777}\ \Phi_{259}^{2}\ \Phi_{111}\ \Phi_{37}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
56432	1040	330	$\frac{1}{66}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{330}^{4}\ \Phi_{165}^{4}\ \Phi_{110}^{4}\ \Phi_{55}^{4}\ \Phi_{30}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{2}$
56433	1040	777	$\frac{4}{259}$	$\frac{51}{259}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{777}\ \Phi_{259}^{2}\ \Phi_{111}\ \Phi_{37}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
56434	1040	318	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{318}^{4}\ \Phi_{159}^{3}\ \Phi_{106}^{4}\ \Phi_{53}^{2}$
56435	1040	399	$\frac{3}{133}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{399}^{2}\ \Phi_{133}^{4}\ \Phi_{57}^{2}\ \Phi_{21}\ \Phi_{19}^{4}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
56436	1040	615	$\frac{1}{41}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{615}^{2}\ \Phi_{205}^{2}\ \Phi_{123}$
56437	1040	222	$\frac{1}{37}$	$\frac{9}{74}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{222}^{4}\ \Phi_{111}^{3}\ \Phi_{74}^{8}\ \Phi_{37}^{6}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
56438	1040	777	$\frac{9}{259}$	$\frac{25}{259}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{777}\ \Phi_{259}^{2}\ \Phi_{111}\ \Phi_{37}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
56439	1040	297	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{297}^{4}\ \Phi_{99}^{4}\ \Phi_{33}^{3}\ \Phi_{11}^{2}$
56440	1040	777	$\frac{12}{259}$	$\frac{19}{259}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{777}\ \Phi_{259}^{2}\ \Phi_{111}\ \Phi_{37}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
56441	1040	42	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{42}^{27}\ \Phi_{21}^{23}\ \Phi_{14}^{26}\ \Phi_{7}^{22}\ \Phi_{6}^{27}\ \Phi_{3}^{24}\ \Phi_{2}^{26}\ \Phi_{1}^{24}$
56442	1040	1935	$\frac{2}{129}$	$\frac{1}{5}$	$\frac{127}{387}$	$\frac{1}{3}$	$\Phi_{1935}\ \Phi_{45}\ \Phi_{15}$
56443	1040	288	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{31}{96}$	$\frac{1}{3}$	$\Phi_{288}^{4}\ \Phi_{144}^{4}\ \Phi_{96}^{3}\ \Phi_{72}^{4}\ \Phi_{48}^{3}\ \Phi_{36}^{4}\ \Phi_{32}^{2}\ \Phi_{24}^{3}\ \Phi_{18}^{4}\ \Phi_{16}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{6}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
56444	1040	1683	$\frac{2}{51}$	$\frac{1}{11}$	$\frac{49}{153}$	$\frac{1}{3}$	$\Phi_{1683}\ \Phi_{99}\ \Phi_{33}$
56445	1040	1638	$\frac{2}{39}$	$\frac{1}{14}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{234}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{6}$
56446	1040	738	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{738}^2\ \Phi_{369}^2\ \Phi_{123}$
56447	1040	1431	$\frac{1}{53}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1431}\ \Phi_{159}$
56448	1040	1968	$\frac{1}{41}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{123}$
56449	1040	612	$\frac{3}{68}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}\ \Phi_{153}^2\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
56450	1040	1290	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{21}{86}$	$\frac{1}{3}$	$\Phi_{1290}^2\ \Phi_{645}\ \Phi_{30}^2\ \Phi_{15}^2$
56451	1040	618	$\frac{3}{103}$	$\frac{1}{6}$	$\frac{25}{103}$	$\frac{1}{3}$	$\Phi_{618}^2\ \Phi_{309}\ \Phi_{206}^2\ \Phi_{103}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
56452	1040	1563	$\frac{17}{521}$	$\frac{79}{521}$	$\frac{126}{521}$	$\frac{1}{3}$	Φ_{1563}
56453	1040	1185	$\frac{3}{79}$	$\frac{2}{15}$	$\frac{19}{79}$	$\frac{1}{3}$	$\Phi_{1185}\ \Phi_{395}\ \Phi_{79}\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{1}^2$
56454	1040	561	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{561}^3\ \Phi_{33}^4$
56455	1040	1563	$\frac{37}{521}$	$\frac{40}{521}$	$\frac{121}{521}$	$\frac{1}{3}$	Φ_{1563}
56456	1040	546	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{546}^3\ \Phi_{273}^3\ \Phi_{78}^3\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{6}^4$
56457	1040	1563	$\frac{31}{521}$	$\frac{49}{521}$	$\frac{118}{521}$	$\frac{1}{3}$	Φ_{1563}
56458	1040	1428	$\frac{1}{17}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{238}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
56459	1040	1224	$\frac{1}{17}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
56460	1040	513	$\frac{1}{27}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{513}^2\ \Phi_{171}^2\ \Phi_{57}\ \Phi_{27}^4\ \Phi_{19}^2\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^4$
56461	1040	1563	$\frac{16}{521}$	$\frac{101}{521}$	$\frac{105}{521}$	$\frac{1}{3}$	Φ_{1563}
56462	1040	645	$\frac{4}{129}$	$\frac{25}{129}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{645}^2\ \Phi_{215}^2\ \Phi_{15}^3\ \Phi_{5}^2$
56463	1040	270	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{270}^6\ \Phi_{135}^4\ \Phi_{90}^6\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_{5}^2$
56464	1040	105	$\frac{1}{21}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^{10}\ \Phi_{35}^{10}\ \Phi_{21}^{12}\ \Phi_{15}^7\ \Phi_{7}^{12}\ \Phi_{5}^6\ \Phi_{3}^8\ \Phi_{1}^8$
56465	1040	645	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{645}^3\ \Phi_{15}^4$
56466	1040	2310	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{330}$
56467	1040	1185	$\frac{4}{79}$	$\frac{2}{15}$	$\frac{15}{79}$	$\frac{1}{3}$	$\Phi_{1185}\ \Phi_{395}\ \Phi_{79}\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{1}^2$
56468	1040	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{3}$	$\Phi_{144}^8\ \Phi_{72}^8\ \Phi_{48}^4\ \Phi_{36}^8\ \Phi_{24}^4\ \Phi_{18}^8\ \Phi_{16}^8\ \Phi_{12}^4\ \Phi_{9}^{10}\ \Phi_{8}^8\ \Phi_{6}^4\ \Phi_{4}^8\ \Phi_{3}^5\ \Phi_{2}^8\ \Phi_{1}^{10}$
56469	1040	1563	$\frac{36}{521}$	$\frac{53}{521}$	$\frac{97}{521}$	$\frac{1}{3}$	Φ_{1563}
56470	1040	546	$\frac{1}{14}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{78}^2\ \Phi_{42}^3\ \Phi_{26}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{2}^2$
56471	1040	1563	$\frac{33}{521}$	$\frac{61}{521}$	$\frac{92}{521}$	$\frac{1}{3}$	Φ_{1563}
56472	1040	510	$\frac{1}{17}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{510}^3\ \Phi_{255}^2\ \Phi_{170}^3\ \Phi_{102}\ \Phi_{85}^2\ \Phi_{51}\ \Phi_{34}$
56473	1040	618	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{618}^2\ \Phi_{309}\ \Phi_{206}^2\ \Phi_{103}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
56474	1040	126	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{126}^{10}\ \Phi_{63}^{10}\ \Phi_{42}^7\ \Phi_{21}^7\ \Phi_{18}^4\ \Phi_{14}^6\ \Phi_{9}^6\ \Phi_{7}^6\ \Phi_{6}^3\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
56475	1040	1185	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1185}\ \Phi_{395}\ \Phi_{79}\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{1}^2$
56476	1040	495	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{495}^3\ \Phi_{165}^2\ \Phi_{99}\ \Phi_{55}^2\ \Phi_{33}$
56477	1040	72	$\frac{7}{72}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{72}^{14}\ \Phi_{36}^{14}\ \Phi_{24}^{15}\ \Phi_{18}^{14}\ \Phi_{12}^{15}\ \Phi_{9}^{16}\ \Phi_{8}^{14}\ \Phi_{6}^{15}\ \Phi_{4}^{14}\ \Phi_{3}^{16}\ \Phi_{2}^{14}\ \Phi_{1}^{16}$
56478	1040	480	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{31}{96}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{120}^3\ \Phi_{96}^4\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{1}^4$
56479	1040	945	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{59}{189}$	$\Phi_{945}^2\ \Phi_{135}^2\ \Phi_{45}\ \Phi_{15}$
56480	1040	1485	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{31}{135}$	$\frac{14}{45}$	$\Phi_{1485}\ \Phi_{297}\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}$
56481	1040	825	$\frac{2}{25}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{23}{75}$	$\Phi_{825}^2\ \Phi_{165}^2\ \Phi_{55}\ \Phi_{33}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
56482	1040	462	$\frac{1}{11}$	$\frac{23}{231}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{462}^3\ \Phi_{231}^2\ \Phi_{154}^3\ \Phi_{77}^2\ \Phi_{66}\ \Phi_{42}^3\ \Phi_{33}\ \Phi_{22}\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2$
56483	1040	594	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{6}$	$\frac{89}{297}$	$\Phi_{594}^3\ \Phi_{297}^2\ \Phi_{66}\ \Phi_{54}^3\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{22}$
56484	1040	1617	$\frac{1}{11}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{147}$	$\Phi_{1617}\ \Phi_{231}\ \Phi_{77}\ \Phi_{33}$
56485	1040	1422	$\frac{3}{79}$	$\frac{1}{6}$	$\frac{19}{79}$	$\frac{5}{18}$	$\Phi_{1422}\ \Phi_{711}\ \Phi_{79}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
56486	1040	630	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{15}$
56487	1040	1422	$\frac{4}{79}$	$\frac{1}{6}$	$\frac{15}{79}$	$\frac{5}{18}$	$\Phi_{1422}\ \Phi_{711}\ \Phi_{79}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
56488	1040	306	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{306}^5\ \Phi_{153}^5\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
56489	1040	1422	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1422}\ \Phi_{711}\ \Phi_{79}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
56490	1040	198	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{198}^5\ \Phi_{99}^6\ \Phi_{66}^6\ \Phi_{33}^7\ \Phi_{22}^6\ \Phi_{11}^6$
56491	1040	570	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{18}{95}$	$\frac{77}{285}$	$\Phi_{570}^2\ \Phi_{285}\ \Phi_{190}^2\ \Phi_{114}^3\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{30}^2\ \Phi_{19}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
56492	1040	378	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{126}\ \Phi_{63}\ \Phi_{54}^4\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_6$
56493	1040	435	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{7}{29}$	$\frac{22}{87}$	$\Phi_{435}^4\ \Phi_{145}\ \Phi_{15}^4$
56494	1040	1264	$\frac{3}{79}$	$\frac{3}{16}$	$\frac{19}{79}$	$\frac{1}{4}$	$\Phi_{1264}\ \Phi_{632}\ \Phi_{79}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
56495	1040	340	$\frac{3}{68}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{340}^3\ \Phi_{170}^3\ \Phi_{85}^3\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_5^3\ \Phi_1^4$
56496	1040	1680	$\frac{1}{21}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{280}\ \Phi_{240}\ \Phi_{120}\ \Phi_{105}\ \Phi_{35}\ \Phi_{15}$
56497	1040	1264	$\frac{4}{79}$	$\frac{3}{16}$	$\frac{15}{79}$	$\frac{1}{4}$	$\Phi_{1264}\ \Phi_{632}\ \Phi_{79}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
56498	1040	816	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}\ \Phi_{136}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
56499	1040	1264	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1264}\ \Phi_{632}\ \Phi_{79}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
56500	1040	1584	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{99}\ \Phi_{33}$
56501	1040	323	$\frac{1}{17}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{4}{17}$	$\Phi_{323}^3\ \Phi_{19}^4\ \Phi_{17}^6\ \Phi_1^8$
56502	1040	510	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{17}$	$\Phi_{510}^3\ \Phi_{255}^3\ \Phi_{170}^3\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4$
56503	1040	1039	$\frac{63}{1039}$	$\frac{159}{1039}$	$\frac{220}{1039}$	$\frac{244}{1039}$	$\Phi_{1039}\ \Phi_1^2$
56504	1040	1254	$\frac{13}{209}$	$\frac{1}{6}$	$\frac{40}{209}$	$\frac{49}{209}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}\ \Phi_{114}\ \Phi_{66}\ \Phi_{57}\ \Phi_{38}\ \Phi_{33}\ \Phi_{22}$
56505	1040	1039	$\frac{67}{1039}$	$\frac{168}{1039}$	$\frac{199}{1039}$	$\frac{243}{1039}$	$\Phi_{1039}\ \Phi_1^2$
56506	1040	1305	$\frac{17}{261}$	$\frac{40}{261}$	$\frac{1}{5}$	$\frac{61}{261}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{145}\ \Phi_{45}\ \Phi_{15}$
56507	1040	195	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{3}{13}$	$\Phi_{195}^6\ \Phi_{65}^3\ \Phi_{39}^6\ \Phi_{15}^8\ \Phi_{13}^6\ \Phi_5^4\ \Phi_3^8\ \Phi_1^8$
56508	1040	360	$\frac{7}{72}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{10}^4$
56509	1040	66	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{6}$	$\frac{7}{33}$	$\Phi_{66}^{19}\ \Phi_{33}^{13}\ \Phi_{22}^{19}\ \Phi_{11}^{12}\ \Phi_6^{18}\ \Phi_3^{12}\ \Phi_2^{18}\ \Phi_1^{12}$
56510	1040	1330	$\frac{1}{14}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{190}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{10}^2$
56511	1040	114	$\frac{5}{57}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\Phi_{114}^{11}\ \Phi_{57}^7\ \Phi_{38}^{11}\ \Phi_{19}^8\ \Phi_6^{10}\ \Phi_3^6\ \Phi_2^{10}\ \Phi_1^8$
56512	1040	1134	$\frac{1}{14}$	$\frac{13}{81}$	$\frac{16}{81}$	$\frac{17}{81}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{162}\ \Phi_{126}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_6$
56513	1040	1039	$\frac{64}{1039}$	$\frac{195}{1039}$	$\frac{207}{1039}$	$\frac{211}{1039}$	$\Phi_{1039}\ \Phi_1^2$
56514	1040	1305	$\frac{16}{261}$	$\frac{49}{261}$	$\frac{1}{5}$	$\frac{53}{261}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{145}\ \Phi_{45}\ \Phi_{15}$
56515	1040	80	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{80}^{12}\ \Phi_{40}^{12}\ \Phi_{20}^{12}\ \Phi_{16}^{16}\ \Phi_{10}^{12}\ \Phi_8^{16}\ \Phi_5^{15}\ \Phi_4^{16}\ \Phi_2^{16}\ \Phi_1^{20}$
56516	1040	210	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^3\ \Phi_{42}^8\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{21}^8\ \Phi_{15}^3\ \Phi_{14}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
56517	1040	165	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{165}^8\ \Phi_{55}^5\ \Phi_{33}^8\ \Phi_{11}^4$
56518	1040	360	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^4\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}^4\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
56519	1040	195	$\frac{4}{39}$	$\frac{2}{15}$	$\frac{7}{39}$	$\frac{1}{5}$	$\Phi_{195}^5\ \Phi_{65}^5\ \Phi_{39}^6\ \Phi_{15}^7\ \Phi_{13}^6\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
56520	1040	315	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{11}{63}$	$\frac{1}{5}$	$\Phi_{315}^{4}\ \Phi_{105}^{4}\ \Phi_{45}^{5}\ \Phi_{35}^{4}\ \Phi_{15}^{5}\ \Phi_{5}^{4}$
56521	1040	145	$\frac{3}{29}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{5}$	$\Phi_{145}^{9}\ \Phi_{5}^{8}$
56522	1040	1375	$\frac{1}{11}$	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\Phi_{1375}\ \Phi_{55}$
56523	1040	90	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{90}^{15}\ \Phi_{45}^{10}\ \Phi_{30}^{10}\ \Phi_{18}^{18}\ \Phi_{15}^{7}\ \Phi_{10}^{10}\ \Phi_{9}^{12}\ \Phi_{6}^{12}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{2}^{12}\ \Phi_{1}^{8}$
56524	1041	1664	$\frac{1}{208}$	$\frac{209}{832}$	$\frac{623}{1664}$	$\frac{207}{416}$	$\Phi_{1664}\ \Phi_{416}\ \Phi_{128}\ \Phi_{32}\ \Phi_{1}$
56525	1041	1380	$\frac{2}{345}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{343}{690}$	$\Phi_{1380}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}\ \Phi_{115}\ \Phi_{92}\ \Phi_{69}\ \Phi_{60}\ \Phi_{23}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
56526	1041	464	$\frac{1}{116}$	$\frac{1}{4}$	$\frac{117}{464}$	$\frac{115}{232}$	$\Phi_{464}^{3}\ \Phi_{116}^{3}\ \Phi_{58}^{3}\ \Phi_{29}^{3}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
56527	1041	688	$\frac{3}{344}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{341}{688}$	$\Phi_{688}^{3}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
56528	1041	640	$\frac{1}{80}$	$\frac{27}{320}$	$\frac{293}{640}$	$\frac{79}{160}$	$\Phi_{640}^{3}\ \Phi_{160}\ \Phi_{128}^{3}\ \Phi_{32}\ \Phi_{1}$
56529	1041	480	$\frac{1}{80}$	$\frac{27}{160}$	$\frac{133}{480}$	$\frac{79}{160}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}\ \Phi_{120}^{3}\ \Phi_{96}^{3}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{32}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}$
56530	1041	1280	$\frac{1}{80}$	$\frac{239}{1280}$	$\frac{81}{320}$	$\frac{79}{160}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{256}\ \Phi_{160}\ \Phi_{128}\ \Phi_{32}\ \Phi_{1}$
56531	1041	684	$\frac{5}{342}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{337}{684}$	$\Phi_{684}\ \Phi_{342}^{2}\ \Phi_{228}\ \Phi_{171}^{2}\ \Phi_{114}^{2}\ \Phi_{76}\ \Phi_{57}^{2}\ \Phi_{38}^{2}\ \Phi_{36}\ \Phi_{19}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
56532	1041	2048	$\frac{17}{1024}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{1007}{2048}$	$\Phi_{2048}\ \Phi_{32}\ \Phi_{1}$
56533	1041	680	$\frac{7}{340}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{333}{680}$	$\Phi_{680}^{3}\ \Phi_{136}^{3}\ \Phi_{40}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
56534	1041	1400	$\frac{9}{350}$	$\frac{1}{10}$	$\frac{359}{1400}$	$\frac{341}{700}$	$\Phi_{1400}\ \Phi_{350}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{70}\ \Phi_{56}\ \Phi_{50}\ \Phi_{40}\ \Phi_{35}\ \Phi_{25}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
56535	1041	1160	$\frac{3}{116}$	$\frac{119}{1160}$	$\frac{1}{4}$	$\frac{113}{232}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{145}\ \Phi_{116}\ \Phi_{58}\ \Phi_{40}\ \Phi_{29}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
56536	1041	676	$\frac{9}{338}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{329}{676}$	$\Phi_{676}^{3}\ \Phi_{52}^{3}\ \Phi_{13}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
56537	1041	672	$\frac{11}{336}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{325}{672}$	$\Phi_{672}^{3}\ \Phi_{224}^{3}\ \Phi_{96}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
56538	1041	672	$\frac{11}{336}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{325}{672}$	$\Phi_{672}^{3}\ \Phi_{224}^{3}\ \Phi_{96}^{3}\ \Phi_{32}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
56539	1041	468	$\frac{4}{117}$	$\frac{1}{13}$	$\frac{121}{468}$	$\frac{113}{234}$	$\Phi_{468}^{3}\ \Phi_{156}^{3}\ \Phi_{117}^{3}\ \Phi_{52}^{3}\ \Phi_{39}^{3}\ \Phi_{36}^{3}\ \Phi_{13}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
56540	1041	2000	$\frac{41}{1000}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{959}{2000}$	$\Phi_{2000}\ \Phi_{400}\ \Phi_{80}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_{1}$
56541	1041	380	$\frac{4}{95}$	$\frac{33}{380}$	$\frac{1}{5}$	$\frac{91}{190}$	$\Phi_{380}^{3}\ \Phi_{190}^{2}\ \Phi_{95}^{3}\ \Phi_{76}^{3}\ \Phi_{38}^{2}\ \Phi_{20}^{3}\ \Phi_{19}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
56542	1041	1408	$\frac{15}{352}$	$\frac{1}{16}$	$\frac{367}{1408}$	$\frac{337}{704}$	$\Phi_{1408}\ \Phi_{352}\ \Phi_{176}\ \Phi_{128}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
56543	1041	420	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{73}{420}$	$\frac{67}{140}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{70}^{3}\ \Phi_{60}^{3}\ \Phi_{42}^{3}\ \Phi_{35}^{3}\ \Phi_{30}^{3}\ \Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
56544	1041	660	$\frac{17}{330}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{313}{660}$	$\Phi_{660}^{3}\ \Phi_{220}^{3}\ \Phi_{132}^{3}\ \Phi_{60}^{3}\ \Phi_{55}\ \Phi_{44}^{3}\ \Phi_{20}^{3}\ \Phi_{12}^{3}\ \Phi_{11}\ \Phi_{4}^{3}\ \Phi_{1}$
56545	1041	400	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{53}{400}$	$\frac{47}{100}$	$\Phi_{400}^{3}\ \Phi_{200}^{3}\ \Phi_{80}^{3}\ \Phi_{50}^{3}\ \Phi_{40}^{3}\ \Phi_{25}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
56546	1041	1960	$\frac{61}{980}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{919}{1960}$	$\Phi_{1960}\ \Phi_{392}\ \Phi_{280}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
56547	1041	512	$\frac{17}{512}$	$\frac{1}{16}$	$\frac{165}{512}$	$\frac{15}{32}$	$\Phi_{512}^{2}\ \Phi_{256}^{2}\ \Phi_{128}^{2}\ \Phi_{64}^{2}\ \Phi_{32}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
56548	1041	1088	$\frac{47}{1088}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{1088}\ \Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{1}$
56549	1041	1280	$\frac{1}{16}$	$\frac{17}{256}$	$\frac{239}{1280}$	$\frac{15}{32}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
56550	1041	384	$\frac{1}{16}$	$\frac{37}{384}$	$\frac{17}{128}$	$\frac{15}{32}$	$\Phi_{384}^{3}\ \Phi_{192}^{3}\ \Phi_{128}^{2}\ \Phi_{96}^{3}\ \Phi_{64}^{2}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
56551	1041	1100	$\frac{59}{1100}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{220}\ \Phi_{100}\ \Phi_{55}\ \Phi_{50}\ \Phi_{44}\ \Phi_{25}\ \Phi_{20}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
56552	1041	360	$\frac{13}{360}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{72}^{3}\ \Phi_{60}^{3}\ \Phi_{45}^{3}\ \Phi_{40}^{3}\ \Phi_{36}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{18}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
56553	1041	640	$\frac{1}{40}$	$\frac{27}{320}$	$\frac{13}{40}$	$\frac{293}{640}$	$\Phi_{640}^{3}\ \Phi_{128}^{3}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
56554	1041	640	$\frac{1}{16}$	$\frac{27}{320}$	$\frac{5}{32}$	$\frac{293}{640}$	$\Phi_{640}^{3}\ \Phi_{128}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
56555	1041	1276	$\frac{1}{29}$	$\frac{28}{319}$	$\frac{1}{4}$	$\frac{291}{638}$	$\Phi_{1276}\ \Phi_{319}\ \Phi_{116}^{2}\ \Phi_{58}\ \Phi_{44}\ \Phi_{29}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
56556	1041	1900	$\frac{4}{95}$	$\frac{91}{950}$	$\frac{1}{5}$	$\frac{859}{1900}$	$\Phi_{1900}\ \Phi_{380}\ \Phi_{100}\ \Phi_{95}\ \Phi_{76}\ \Phi_{20}\ \Phi_{19}\ \Phi_4\ \Phi_1$
56557	1041	390	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{43}{390}$	$\frac{35}{78}$	$\Phi_{390}^3\ \Phi_{195}^3\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{39}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{13}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^3$
56558	1041	480	$\frac{1}{40}$	$\frac{13}{120}$	$\frac{133}{480}$	$\frac{107}{240}$	$\Phi_{480}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^3\ \Phi_1^3$
56559	1041	624	$\frac{1}{52}$	$\frac{35}{312}$	$\frac{17}{52}$	$\frac{277}{624}$	$\Phi_{624}^3\ \Phi_{208}^3\ \Phi_{52}^2\ \Phi_{48}^3\ \Phi_{26}^2\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
56560	1041	624	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{35}{312}$	$\frac{277}{624}$	$\Phi_{624}^3\ \Phi_{208}^3\ \Phi_{48}^3\ \Phi_{39}^3\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_3^3\ \Phi_1^3$
56561	1041	1856	$\frac{3}{116}$	$\frac{113}{928}$	$\frac{1}{4}$	$\frac{815}{1856}$	$\Phi_{1856}\ \Phi_{116}\ \Phi_{64}\ \Phi_{58}\ \Phi_{29}\ \Phi_1$
56562	1041	1120	$\frac{79}{1120}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{140}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
56563	1041	1456	$\frac{1}{52}$	$\frac{51}{364}$	$\frac{415}{1456}$	$\frac{313}{728}$	$\Phi_{1456}\ \Phi_{364}\ \Phi_{208}\ \Phi_{182}\ \Phi_{112}\ \Phi_{91}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
56564	1041	384	$\frac{1}{16}$	$\frac{37}{384}$	$\frac{5}{32}$	$\frac{27}{64}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
56565	1041	600	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{47}{300}$	$\frac{253}{600}$	$\Phi_{600}^3\ \Phi_{200}^3\ \Phi_{120}^3\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{25}^3\ \Phi_{24}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
56566	1041	1100	$\frac{59}{1100}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{50}\ \Phi_{44}\ \Phi_{25}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
56567	1041	1760	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{161}{880}$	$\frac{719}{1760}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
56568	1041	580	$\frac{1}{58}$	$\frac{57}{290}$	$\frac{1}{4}$	$\frac{233}{580}$	$\Phi_{580}\ \Phi_{290}^2\ \Phi_{145}^2\ \Phi_{116}^3\ \Phi_{58}^3\ \Phi_{29}^3\ \Phi_{20}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
56569	1041	560	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{67}{280}$	$\frac{213}{560}$	$\Phi_{560}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
56570	1041	352	$\frac{5}{352}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{352}^3\ \Phi_{176}^3\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{32}^3\ \Phi_{22}^3\ \Phi_{16}^3\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
56571	1041	360	$\frac{13}{360}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
56572	1041	364	$\frac{17}{364}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{364}^3\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{52}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{13}^2\ \Phi_7^3\ \Phi_4^3\ \Phi_1^3$
56573	1041	400	$\frac{1}{40}$	$\frac{53}{400}$	$\frac{13}{40}$	$\frac{27}{80}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{40}^2\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
56574	1041	416	$\frac{1}{52}$	$\frac{69}{416}$	$\frac{17}{52}$	$\frac{35}{104}$	$\Phi_{416}^3\ \Phi_{208}^3\ \Phi_{52}^2\ \Phi_{32}^3\ \Phi_{26}^2\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
56575	1041	1044	$\frac{1}{87}$	$\frac{1}{4}$	$\frac{86}{261}$	$\frac{175}{522}$	$\Phi_{1044}\ \Phi_{348}^2\ \Phi_{261}\ \Phi_{174}\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{58}\ \Phi_{36}\ \Phi_{29}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
56576	1041	520	$\frac{1}{130}$	$\frac{43}{130}$	$\frac{173}{520}$	$\frac{87}{260}$	$\Phi_{520}^3\ \Phi_{130}^2\ \Phi_{104}^3\ \Phi_{65}^2\ \Phi_{40}^3\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
56577	1041	447	$\frac{2}{149}$	$\frac{100}{447}$	$\frac{49}{149}$	$\frac{1}{3}$	$\Phi_{447}^2\ \Phi_{149}^3\ \Phi_3\ \Phi_1^3$
56578	1041	828	$\frac{2}{69}$	$\frac{67}{414}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{828}^2\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{92}\ \Phi_{69}\ \Phi_{36}^2\ \Phi_{23}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
56579	1041	360	$\frac{13}{360}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
56580	1041	516	$\frac{3}{172}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{169}{516}$	$\Phi_{516}^3\ \Phi_{258}^3\ \Phi_{129}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
56581	1041	468	$\frac{1}{52}$	$\frac{35}{156}$	$\frac{121}{468}$	$\frac{17}{52}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{117}^3\ \Phi_{52}^2\ \Phi_{36}^3\ \Phi_{26}^2\ \Phi_{18}^3\ \Phi_{13}^2\ \Phi_9^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
56582	1041	480	$\frac{1}{40}$	$\frac{27}{160}$	$\frac{133}{480}$	$\frac{13}{40}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
56583	1041	510	$\frac{7}{170}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{163}{510}$	$\Phi_{510}^3\ \Phi_{255}^3\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
56584	1041	507	$\frac{9}{169}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{160}{507}$	$\Phi_{507}^3\ \Phi_{39}^3\ \Phi_{13}^2\ \Phi_3^3\ \Phi_1^3$
56585	1041	450	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{103}{450}$	$\frac{47}{150}$	$\Phi_{450}^3\ \Phi_{225}^3\ \Phi_{90}^3\ \Phi_{50}^3\ \Phi_{45}^3\ \Phi_{25}^3\ \Phi_{18}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
56586	1041	384	$\frac{1}{16}$	$\frac{37}{384}$	$\frac{11}{48}$	$\frac{5}{16}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
56587	1041	448	$\frac{1}{16}$	$\frac{11}{112}$	$\frac{101}{448}$	$\frac{5}{16}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
56588	1041	504	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{157}{504}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{126}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
56589	1041	385	$\frac{4}{55}$	$\frac{38}{385}$	$\frac{1}{5}$	$\frac{17}{55}$	$\Phi_{385}^3\ \Phi_{77}^3\ \Phi_{55}\ \Phi_{35}^3\ \Phi_{11}\ \Phi_7^3\ \Phi_1$
56590	1041	500	$\frac{41}{500}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{153}{500}$	$\Phi_{500}^2\ \Phi_{250}^2\ \Phi_{125}^2\ \Phi_{100}^2\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
56591	1041	495	$\frac{4}{55}$	$\frac{17}{165}$	$\frac{1}{5}$	$\frac{148}{495}$	$\Phi_{495}^3\ \Phi_{99}^3\ \Phi_{55}\ \Phi_{45}^3\ \Phi_{11}\ \Phi_9^3\ \Phi_1$
56592	1041	490	$\frac{1}{10}$	$\frac{61}{490}$	$\frac{9}{70}$	$\frac{143}{490}$	$\Phi_{490}^2\ \Phi_{245}^2\ \Phi_{98}^2\ \Phi_{70}^3\ \Phi_{49}^2\ \Phi_{35}^3\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
56593	1041	360	$\frac{13}{360}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3$ $\Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^2\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
56594	1041	480	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{27}{160}$	$\frac{133}{480}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{15}^3\ \Phi_{12}^3$ $\Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
56595	1041	475	$\frac{4}{95}$	$\frac{91}{475}$	$\frac{1}{5}$	$\frac{128}{475}$	$\Phi_{475}^2\ \Phi_{95}^3\ \Phi_{25}^2\ \Phi_{19}^3\ \Phi_5^2\ \Phi_1^3$
56596	1041	468	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{35}{156}$	$\frac{121}{468}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{117}^3\ \Phi_{39}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{13}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^3$
56597	1041	464	$\frac{3}{116}$	$\frac{113}{464}$	$\frac{1}{4}$	$\frac{117}{464}$	$\Phi_{464}^2\ \Phi_{232}^2\ \Phi_{116}^3\ \Phi_{58}^3\ \Phi_{29}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
56598	1041	456	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{109}{456}$	$\frac{1}{4}$	$\Phi_{456}^3\ \Phi_{228}\ \Phi_{152}^3\ \Phi_{114}^2\ \Phi_{76}\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{24}^3\ \Phi_{19}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3$ $\Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
56599	1041	384	$\frac{1}{12}$	$\frac{37}{384}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
56600	1041	420	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{420}$	$\frac{1}{4}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3$ $\Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
56601	1041	440	$\frac{4}{55}$	$\frac{17}{110}$	$\frac{1}{5}$	$\frac{93}{440}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{88}^3\ \Phi_{55}\ \Phi_{44}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{11}\ \Phi_8^3\ \Phi_4^3\ \Phi_1$
56602	1041	400	$\frac{1}{10}$	$\frac{53}{400}$	$\frac{9}{50}$	$\frac{41}{200}$	$\Phi_{400}^3\ \Phi_{200}^2\ \Phi_{100}^2\ \Phi_{80}^3\ \Phi_{50}^3\ \Phi_{40}^2\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2$ $\Phi_4^2\ \Phi_2^2\ \Phi_1^3$
56603	1041	1250	$\frac{1}{10}$	$\frac{41}{250}$	$\frac{209}{1250}$	$\frac{9}{50}$	$\Phi_{1250}\ \Phi_{625}\ \Phi_{50}\ \Phi_{25}\ \Phi_1$
56604	1042	1038	$\frac{2}{519}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{517}{1038}$	$\Phi_{1038}^2\ \Phi_{346}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
56605	1042	696	$\frac{1}{174}$	$\frac{175}{696}$	$\frac{1}{3}$	$\frac{173}{348}$	$\Phi_{696}^2\ \Phi_{232}^2\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
56606	1042	1035	$\frac{7}{1035}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{514}{1035}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}\ \Phi_{115}\ \Phi_{69}\ \Phi_{45}\ \Phi_{23}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
56607	1042	1032	$\frac{5}{516}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{511}{1032}$	$\Phi_{1032}^2\ \Phi_{344}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
56608	1042	1026	$\frac{8}{513}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{505}{1026}$	$\Phi_{1026}^2\ \Phi_{342}^2\ \Phi_{114}^2\ \Phi_{54}^2\ \Phi_{38}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
56609	1042	1740	$\frac{1}{58}$	$\frac{59}{580}$	$\frac{1}{3}$	$\frac{57}{116}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{174}\ \Phi_{87}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
56610	1042	1008	$\frac{17}{504}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{487}{1008}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{48}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
56611	1042	540	$\frac{19}{540}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2$ $\Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
56612	1042	2958	$\frac{1}{29}$	$\frac{28}{493}$	$\frac{1}{3}$	$\frac{465}{986}$	$\Phi_{2958}\ \Phi_{174}\ \Phi_{102}\ \Phi_{87}\ \Phi_6$
56613	1042	957	$\frac{2}{87}$	$\frac{85}{957}$	$\frac{1}{3}$	$\frac{436}{957}$	$\Phi_{957}\ \Phi_{319}\ \Phi_{87}^2\ \Phi_{33}\ \Phi_{29}^2\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
56614	1042	2784	$\frac{1}{58}$	$\frac{57}{464}$	$\frac{1}{3}$	$\frac{407}{928}$	$\Phi_{2784}\ \Phi_{174}\ \Phi_{96}\ \Phi_{87}\ \Phi_6$
56615	1042	528	$\frac{7}{528}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{16}^2$ $\Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
56616	1042	870	$\frac{1}{87}$	$\frac{86}{435}$	$\frac{1}{3}$	$\frac{349}{870}$	$\Phi_{870}^2\ \Phi_{290}^2\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{30}^2\ \Phi_{29}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
56617	1042	783	$\frac{2}{261}$	$\frac{259}{783}$	$\frac{1}{3}$	$\frac{262}{783}$	$\Phi_{783}\ \Phi_{261}^2\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{27}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
56618	1042	774	$\frac{5}{258}$	$\frac{1}{6}$	$\frac{253}{774}$	$\frac{1}{3}$	$\Phi_{774}^2\ \Phi_{387}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
56619	1042	756	$\frac{1}{18}$	$\frac{17}{252}$	$\frac{235}{756}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
56620	1042	540	$\frac{19}{540}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2$ $\Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
56621	1042	696	$\frac{1}{58}$	$\frac{57}{232}$	$\frac{175}{696}$	$\frac{1}{3}$	$\Phi_{696}\ \Phi_{348}\ \Phi_{232}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_8^2\ \Phi_6^2$ $\Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
56622	1042	684	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{163}{684}$	$\frac{1}{3}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2$ $\Phi_3\ \Phi_2^2\ \Phi_1^2$
56623	1042	576	$\frac{1}{18}$	$\frac{55}{576}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_6^2$ $\Phi_3\ \Phi_2^2\ \Phi_1^2$
56624	1042	621	$\frac{7}{207}$	$\frac{100}{621}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{621}^2\ \Phi_{207}\ \Phi_{69}\ \Phi_{27}^2\ \Phi_{23}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
56625	1042	540	$\frac{19}{540}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
56626	1042	630	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{109}{630}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
56627	1043	888	$\frac{1}{148}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{147}{296}$	$\Phi_{888}^2\ \Phi_{296}^3\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
56628	1043	2664	$\frac{1}{148}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{147}{296}$	$\Phi_{2664}\ \Phi_{296}\ \Phi_{72}\ \Phi_9\ \Phi_8\ \Phi_1$
56629	1043	1176	$\frac{2}{147}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{145}{294}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{196}\ \Phi_{168}\ \Phi_{147}\ \Phi_{84}\ \Phi_{56}\ \Phi_{49}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
56630	1043	200	$\frac{1}{50}$	$\frac{1}{8}$	$\frac{51}{200}$	$\frac{49}{100}$	$\Phi_{200}^5\ \Phi_{100}^6\ \Phi_{50}^5\ \Phi_{40}^5\ \Phi_{25}^5\ \Phi_{20}^6\ \Phi_{10}^5\ \Phi_8^4\ \Phi_5^5\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
56631	1043	1160	$\frac{4}{145}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{141}{290}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{232}\ \Phi_{145}\ \Phi_{116}\ \Phi_{40}^2\ \Phi_{29}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
56632	1043	360	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{31}{180}$	$\frac{29}{60}$	$\Phi_{360}^4\ \Phi_{180}^3\ \Phi_{120}^2\ \Phi_{90}^3\ \Phi_{72}^4\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9^3\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
56633	1043	288	$\frac{5}{144}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{139}{288}$	$\Phi_{288}^7\ \Phi_{96}^7\ \Phi_{32}^7\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
56634	1043	280	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{131}{280}$	$\Phi_{280}^3\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^3\ \Phi_{40}^5\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{20}^6\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_8^4\ \Phi_7^4\ \Phi_5^5\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
56635	1043	160	$\frac{11}{160}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{160}^7\ \Phi_{80}^7\ \Phi_{40}^5\ \Phi_{32}^7\ \Phi_{20}^6\ \Phi_{16}^7\ \Phi_{10}^5\ \Phi_8^4\ \Phi_5^5\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
56636	1043	1080	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{8}$	$\frac{121}{270}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}^2\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
56637	1043	444	$\frac{1}{74}$	$\frac{1}{6}$	$\frac{73}{222}$	$\frac{5}{12}$	$\Phi_{444}^4\ \Phi_{222}\ \Phi_{148}^4\ \Phi_{111}\ \Phi_{12}^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
56638	1043	456	$\frac{3}{152}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{456}^2\ \Phi_{228}^2\ \Phi_{152}^3\ \Phi_{114}^2\ \Phi_{76}^3\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{24}^2\ \Phi_{19}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
56639	1043	2220	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{36}{185}$	$\frac{5}{12}$	$\Phi_{2220}\ \Phi_{740}\ \Phi_{185}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
56640	1043	312	$\frac{7}{156}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{312}^4\ \Phi_{156}^3\ \Phi_{104}^4\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{26}^3\ \Phi_{24}^2\ \Phi_{13}^3\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
56641	1043	1000	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{24}{125}$	$\frac{101}{250}$	$\Phi_{1000}\ \Phi_{500}\ \Phi_{200}^2\ \Phi_{125}\ \Phi_{100}^2\ \Phi_{50}\ \Phi_{40}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
56642	1043	240	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{29}{120}$	$\frac{91}{240}$	$\Phi_{240}^7\ \Phi_{120}^2\ \Phi_{80}^7\ \Phi_{60}^2\ \Phi_{48}^7\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^7\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
56643	1043	666	$\frac{1}{74}$	$\frac{2}{9}$	$\frac{73}{222}$	$\frac{1}{3}$	$\Phi_{666}^2\ \Phi_{333}^2\ \Phi_{222}\ \Phi_{111}\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
56644	1043	1368	$\frac{3}{152}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{152}\ \Phi_{76}\ \Phi_{72}\ \Phi_{38}\ \Phi_{19}\ \Phi_9\ \Phi_8\ \Phi_1$
56645	1043	1665	$\frac{1}{37}$	$\frac{36}{185}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1665}\ \Phi_{185}\ \Phi_{45}\ \Phi_9\ \Phi_5\ \Phi_1$
56646	1043	168	$\frac{2}{21}$	$\frac{19}{168}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{168}^6\ \Phi_{84}^6\ \Phi_{56}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{24}^7\ \Phi_{21}^7\ \Phi_{14}^6\ \Phi_{12}^7\ \Phi_8^6\ \Phi_7^7\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
56647	1043	360	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{31}{180}$	$\frac{14}{45}$	$\Phi_{360}^3\ \Phi_{180}^2\ \Phi_{120}^4\ \Phi_{90}^2\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^4\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
56648	1043	216	$\frac{5}{72}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{67}{216}$	$\Phi_{216}^7\ \Phi_{108}^7\ \Phi_{54}^7\ \Phi_{27}^7\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
56649	1043	840	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{70}$	$\frac{61}{210}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
56650	1043	648	$\frac{13}{162}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}\ \Phi_{108}^2\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
56651	1043	192	$\frac{5}{48}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{43}{192}$	$\Phi_{192}^7\ \Phi_{96}^7\ \Phi_{64}^7\ \Phi_{32}^7\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
56652	1043	168	$\frac{19}{168}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{168}^7\ \Phi_{84}^7\ \Phi_{56}^7\ \Phi_{42}^7\ \Phi_{28}^7\ \Phi_{24}^2\ \Phi_{21}^7\ \Phi_{14}^7\ \Phi_{12}^2\ \Phi_8\ \Phi_7^7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
56653	1043	360	$\frac{1}{8}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{180}$	$\Phi_{360}^4\ \Phi_{180}^3\ \Phi_{120}^4\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
56654	1044	1560	$\frac{1}{260}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{259}{520}$	$\Phi_{1560}\ \Phi_{520}^2\ \Phi_{312}\ \Phi_{120}\ \Phi_{104}^2\ \Phi_{40}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
56655	1044	865	$\frac{1}{173}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{86}{173}$	$\Phi_{865}\ \Phi_{173}^2\ \Phi_5^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
56656	1044	2076	$\frac{1}{173}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{86}{173}$	$\Phi_{2076}\ \Phi_{1038}\ \Phi_{12}^2\ \Phi_6^2$
56657	1044	149	$\frac{1}{149}$	$\frac{25}{149}$	$\frac{62}{149}$	$\frac{74}{149}$	$\Phi_{149}^7\ \Phi_1^8$
56658	1044	518	$\frac{2}{259}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{257}{518}$	$\Phi_{518}^4\ \Phi_{74}^4\ \Phi_{14}^4\ \Phi_7\ \Phi_2^4\ \Phi_1^2$
56659	1044	1396	$\frac{3}{349}$	$\frac{1}{4}$	$\frac{88}{349}$	$\frac{173}{349}$	$\Phi_{1396}\ \Phi_{698}$
56660	1044	1043	$\frac{9}{1043}$	$\frac{260}{1043}$	$\frac{263}{1043}$	$\frac{517}{1043}$	$\Phi_{1043}\ \Phi_{149}\ \Phi_7\ \Phi_1^2$
56661	1044	1840	$\frac{1}{115}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{57}{115}$	$\Phi_{1840}\ \Phi_{368}\ \Phi_{115}\ \Phi_{80}\ \Phi_{23}\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
56662	1044	460	$\frac{1}{115}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{57}{115}$	$\Phi_{460}^2\ \Phi_{230}^2\ \Phi_{115}^3\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
56663	1044	1569	$\frac{5}{523}$	$\frac{88}{523}$	$\frac{1}{3}$	$\frac{259}{523}$	Φ_{1569}
56664	1044	1892	$\frac{1}{86}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{85}{172}$	$\Phi_{1892}\ \Phi_{172}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
56665	1044	3612	$\frac{1}{86}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{85}{172}$	$\Phi_{3612}\ \Phi_{84}\ \Phi_{21}$
56666	1044	1892	$\frac{1}{86}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{85}{172}$	$\Phi_{1892}\ \Phi_{172}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
56667	1044	860	$\frac{1}{86}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{85}{172}$	$\Phi_{860}\ \Phi_{430}^2\ \Phi_{215}^2\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
56668	1044	1043	$\frac{13}{1043}$	$\frac{176}{1043}$	$\frac{289}{1043}$	$\frac{515}{1043}$	$\Phi_{1043}\ \Phi_{149}\ \Phi_7\ \Phi_1^2$
56669	1044	1396	$\frac{5}{349}$	$\frac{59}{349}$	$\frac{1}{4}$	$\frac{172}{349}$	$\Phi_{1396}\ \Phi_{698}$
56670	1044	343	$\frac{5}{343}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{169}{343}$	$\Phi_{343}^3\ \Phi_{49}^3\ \Phi_7^5\ \Phi_1^6$
56671	1044	350	$\frac{3}{175}$	$\frac{1}{7}$	$\frac{89}{350}$	$\frac{86}{175}$	$\Phi_{350}^4\ \Phi_{175}^2\ \Phi_{70}^4\ \Phi_{50}^4\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7\ \Phi_5^2\ \Phi_2^4\ \Phi_1^2$
56672	1044	969	$\frac{1}{57}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{28}{57}$	$\Phi_{969}\ \Phi_{323}\ \Phi_{57}^2\ \Phi_{51}\ \Phi_{19}^2\ \Phi_{17}^2\ \Phi_3^2\ \Phi_1^4$
56673	1044	570	$\frac{1}{57}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{28}{57}$	$\Phi_{570}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{38}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_2^2$
56674	1044	969	$\frac{1}{57}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{28}{57}$	$\Phi_{969}\ \Phi_{323}\ \Phi_{57}^2\ \Phi_{51}\ \Phi_{19}^2\ \Phi_{17}^2\ \Phi_3^2\ \Phi_1^4$
56675	1044	1596	$\frac{1}{57}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{28}{57}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{266}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
56676	1044	1043	$\frac{19}{1043}$	$\frac{59}{1043}$	$\frac{492}{1043}$	$\frac{512}{1043}$	$\Phi_{1043}\ \Phi_{149}\ \Phi_7\ \Phi_1^2$
56677	1044	298	$\frac{3}{149}$	$\frac{37}{298}$	$\frac{38}{149}$	$\frac{73}{149}$	$\Phi_{298}^4\ \Phi_{149}^3\ \Phi_2^4\ \Phi_1^4$
56678	1044	1190	$\frac{2}{85}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{83}{170}$	$\Phi_{1190}^2\ \Phi_{238}^2\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{14}^2$
56679	1044	1043	$\frac{25}{1043}$	$\frac{89}{1043}$	$\frac{318}{1043}$	$\frac{509}{1043}$	$\Phi_{1043}\ \Phi_{149}\ \Phi_7\ \Phi_1^2$
56680	1044	390	$\frac{1}{39}$	$\frac{1}{10}$	$\frac{10}{39}$	$\frac{19}{39}$	$\Phi_{390}^3\ \Phi_{195}^3\ \Phi_{130}^3\ \Phi_{78}^3\ \Phi_{65}^3\ \Phi_{30}^3\ \Phi_{26}^3\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_2^2$
56681	1044	280	$\frac{1}{35}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{17}{35}$	$\Phi_{280}^7\ \Phi_{56}^8\ \Phi_{40}^7\ \Phi_{35}\ \Phi_8^8\ \Phi_7\ \Phi_5\ \Phi_1^2$
56682	1044	210	$\frac{1}{35}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{17}{35}$	$\Phi_{210}^7\ \Phi_{105}^7\ \Phi_{42}^8\ \Phi_{35}\ \Phi_{30}^7\ \Phi_{21}^8\ \Phi_{15}^7\ \Phi_7\ \Phi_6^8\ \Phi_5\ \Phi_3^8\ \Phi_1^2$
56683	1044	1120	$\frac{1}{35}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
56684	1044	35	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{17}{35}$	$\Phi_{35}^{30}\ \Phi_7^{29}\ \Phi_5^{30}\ \Phi_1^{30}$
56685	1044	1043	$\frac{31}{1043}$	$\frac{144}{1043}$	$\frac{179}{1043}$	$\frac{506}{1043}$	$\Phi_{1043}\ \Phi_{149}\ \Phi_7\ \Phi_1^2$
56686	1044	1396	$\frac{11}{349}$	$\frac{30}{349}$	$\frac{1}{4}$	$\frac{169}{349}$	$\Phi_{1396}\ \Phi_{698}$
56687	1044	1043	$\frac{33}{1043}$	$\frac{86}{1043}$	$\frac{269}{1043}$	$\frac{505}{1043}$	$\Phi_{1043}\ \Phi_{149}\ \Phi_7\ \Phi_1^2$
56688	1044	1569	$\frac{17}{523}$	$\frac{30}{523}$	$\frac{1}{3}$	$\frac{253}{523}$	Φ_{1569}
56689	1044	3192	$\frac{1}{28}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{3192}\ \Phi_{456}\ \Phi_{57}$
56690	1044	280	$\frac{1}{28}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{27}{56}$	$\Phi_{280}^7\ \Phi_{56}^8\ \Phi_{40}^7\ \Phi_{35}\ \Phi_8^8\ \Phi_7\ \Phi_5\ \Phi_1^2$
56691	1044	728	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{728}^3\ \Phi_{104}^3\ \Phi_{52}\ \Phi_{26}$
56692	1044	280	$\frac{1}{28}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{27}{56}$	$\Phi_{280}^7\ \Phi_{56}^8\ \Phi_{40}^7\ \Phi_{35}\ \Phi_8^8\ \Phi_7\ \Phi_5\ \Phi_1^2$
56693	1044	280	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{27}{56}$	$\Phi_{280}^7\ \Phi_{56}^8\ \Phi_{40}^7\ \Phi_{10}^4\ \Phi_8^8\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
56694	1044	56	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{27}{56}$	$\Phi_{56}^{36}\ \Phi_8^{36}\ \Phi_7^5\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
56695	1044	700	$\frac{1}{25}$	$\frac{13}{100}$	$\frac{1}{7}$	$\frac{12}{25}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{14}^2$
56696	1044	510	$\frac{1}{30}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{510}^2\ \Phi_{255}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{30}^4\ \Phi_{17}^2\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
56697	1044	646	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{9}{38}$	$\frac{8}{17}$	$\Phi_{646}^2\ \Phi_{323}\ \Phi_{38}^4\ \Phi_{34}^2\ \Phi_{19}^2\ \Phi_{17}^2\ \Phi_2^4\ \Phi_1^4$
56698	1044	490	$\frac{16}{245}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{229}{490}$	$\Phi_{490}^4\ \Phi_{98}^4\ \Phi_{70}^4\ \Phi_{35}^2\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7\ \Phi_5^2\ \Phi_2^4\ \Phi_1^2$
56699	1044	1998	$\frac{1}{37}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1998}\ \Phi_{666}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
56700	1044	270	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{25}{54}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}^5\ \Phi_{45}^5\ \Phi_{30}^5\ \Phi_{27}^4\ \Phi_{18}\ \Phi_{15}^5\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6\ \Phi_5^4\ \Phi_3^4\ \Phi_1^4$
56701	1044	130	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{7}{65}$	$\frac{6}{13}$	$\Phi_{130}^9\ \Phi_{65}^7\ \Phi_{26}^9\ \Phi_{13}^8\ \Phi_{10}^8\ \Phi_5^6\ \Phi_2^8\ \Phi_1^8$
56702	1044	1110	$\frac{1}{30}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{1110}\ \Phi_{555}\ \Phi_{370}\ \Phi_{222}\ \Phi_{185}\ \Phi_{111}\ \Phi_{74}$
56703	1044	280	$\frac{19}{280}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{35}^2\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_7\ \Phi_5^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
56704	1044	2080	$\frac{1}{13}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{160}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
56705	1044	473	$\frac{1}{43}$	$\frac{1}{11}$	$\frac{14}{43}$	$\frac{5}{11}$	$\Phi_{473}^2\ \Phi_{43}^4\ \Phi_{11}^3\ \Phi_1^6$
56706	1044	660	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{660}^2\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}^4\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_{11}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
56707	1044	1480	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1480}\ \Phi_{370}\ \Phi_{296}\ \Phi_{185}\ \Phi_{74}$
56708	1044	105	$\frac{2}{35}$	$\frac{11}{105}$	$\frac{1}{7}$	$\frac{47}{105}$	$\Phi_{105}^9\ \Phi_{35}^{12}\ \Phi_{21}^9\ \Phi_{15}^9\ \Phi_7^{11}\ \Phi_5^{12}\ \Phi_3^9\ \Phi_1^{12}$
56709	1044	1043	$\frac{26}{1043}$	$\frac{113}{1043}$	$\frac{289}{1043}$	$\frac{465}{1043}$	$\Phi_{1043}\ \Phi_{149}\ \Phi_7\ \Phi_1^2$
56710	1044	1569	$\frac{10}{523}$	$\frac{57}{523}$	$\frac{1}{3}$	$\frac{233}{523}$	Φ_{1569}
56711	1044	630	$\frac{5}{63}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}\ \Phi_{70}^2\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_6$
56712	1044	1043	$\frac{20}{1043}$	$\frac{117}{1043}$	$\frac{341}{1043}$	$\frac{463}{1043}$	$\Phi_{1043}\ \Phi_{149}\ \Phi_7\ \Phi_1^2$
56713	1044	260	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{3}{26}$	$\frac{23}{52}$	$\Phi_{260}^8\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}^4\ \Phi_{26}\ \Phi_{20}^8\ \Phi_4^4$
56714	1044	2832	$\frac{1}{59}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2832}\ \Phi_{177}$
56715	1044	1840	$\frac{3}{115}$	$\frac{1}{8}$	$\frac{28}{115}$	$\frac{7}{16}$	$\Phi_{1840}\ \Phi_{368}\ \Phi_{115}\ \Phi_{80}\ \Phi_{23}\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
56716	1044	240	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{240}^8\ \Phi_{80}^7\ \Phi_{48}^8\ \Phi_{30}^4\ \Phi_{16}^8\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
56717	1044	1104	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{11}{69}$	$\frac{7}{16}$	$\Phi_{1104}^2\ \Phi_{368}\ \Phi_{69}^2\ \Phi_{48}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_3^2\ \Phi_1^2$
56718	1044	416	$\frac{1}{13}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{416}^3\ \Phi_{208}^2\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{13}^2$
56719	1044	2002	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{154}$	$\Phi_{2002}\ \Phi_{286}\ \Phi_{182}\ \Phi_{143}\ \Phi_{26}$
56720	1044	1110	$\frac{1}{30}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{1110}\ \Phi_{555}\ \Phi_{370}\ \Phi_{222}\ \Phi_{185}\ \Phi_{111}\ \Phi_{74}$
56721	1044	259	$\frac{4}{259}$	$\frac{1}{7}$	$\frac{85}{259}$	$\frac{3}{7}$	$\Phi_{259}^4\ \Phi_{37}^4\ \Phi_7^5\ \Phi_1^6$
56722	1044	266	$\frac{5}{266}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{266}^4\ \Phi_{133}^4\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{14}^4\ \Phi_7\ \Phi_2^4\ \Phi_1^2$
56723	1044	91	$\frac{4}{91}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{91}^{12}\ \Phi_{13}^{12}\ \Phi_7^5\ \Phi_1^6$
56724	1044	1850	$\frac{1}{37}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1850}\ \Phi_{370}\ \Phi_{185}\ \Phi_{74}$
56725	1044	350	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{21}{50}$	$\Phi_{350}^6\ \Phi_{175}\ \Phi_{70}^6\ \Phi_{35}\ \Phi_{14}^6$
56726	1044	1043	$\frac{29}{1043}$	$\frac{169}{1043}$	$\frac{202}{1043}$	$\frac{437}{1043}$	$\Phi_{1043}\ \Phi_{149}\ \Phi_7\ \Phi_1^2$
56727	1044	1396	$\frac{7}{349}$	$\frac{57}{349}$	$\frac{1}{4}$	$\frac{146}{349}$	$\Phi_{1396}\ \Phi_{698}$
56728	1044	1332	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1332}\ \Phi_{666}\ \Phi_{333}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
56729	1044	149	$\frac{2}{149}$	$\frac{25}{149}$	$\frac{49}{149}$	$\frac{62}{149}$	$\Phi_{149}^7\ \Phi_1^8$
56730	1044	875	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{169}{875}$	$\frac{353}{875}$	$\Phi_{875}\ \Phi_{175}^2\ \Phi_{125}\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
56731	1044	1320	$\frac{1}{88}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}^2\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{120}\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
56732	1044	865	$\frac{2}{173}$	$\frac{1}{5}$	$\frac{57}{173}$	$\frac{2}{5}$	$\Phi_{865}\ \Phi_{173}^2\ \Phi_{5}^2\ \Phi_{1}^4$
56733	1044	1180	$\frac{1}{59}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1180}\ \Phi_{590}\ \Phi_{236}^2\ \Phi_{118}^2$
56734	1044	865	$\frac{5}{173}$	$\frac{28}{173}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{865}\ \Phi_{173}^2\ \Phi_{5}^2\ \Phi_{1}^4$
56735	1044	210	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^6\ \Phi_{42}^6\ \Phi_{35}^5\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{7}^4$
56736	1044	1776	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1776}\ \Phi_{592}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
56737	1044	1043	$\frac{11}{1043}$	$\frac{233}{1043}$	$\frac{344}{1043}$	$\frac{405}{1043}$	$\Phi_{1043}\ \Phi_{149}\ \Phi_{7}\ \Phi_{1}^2$
56738	1044	1144	$\frac{1}{88}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1144}\ \Phi_{572}\ \Phi_{286}\ \Phi_{143}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
56739	1044	140	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{17}{70}$	$\frac{53}{140}$	$\Phi_{140}^{12}\ \Phi_{35}^6\ \Phi_{28}^{12}\ \Phi_{20}^{12}\ \Phi_{7}^5\ \Phi_{5}^6\ \Phi_{4}^{12}\ \Phi_{1}^6$
56740	1044	1121	$\frac{1}{59}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	Φ_{1121}
56741	1044	1043	$\frac{23}{1043}$	$\frac{170}{1043}$	$\frac{291}{1043}$	$\frac{376}{1043}$	$\Phi_{1043}\ \Phi_{149}\ \Phi_{7}\ \Phi_{1}^2$
56742	1044	238	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{238}^7\ \Phi_{119}^2\ \Phi_{34}^7\ \Phi_{17}^2\ \Phi_{14}^4\ \Phi_{7}\ \Phi_{2}^4\ \Phi_{1}^2$
56743	1044	1110	$\frac{1}{30}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{1110}\ \Phi_{555}\ \Phi_{370}\ \Phi_{222}\ \Phi_{185}\ \Phi_{111}\ \Phi_{74}$
56744	1044	572	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{572}^3\ \Phi_{286}\ \Phi_{143}\ \Phi_{52}^3\ \Phi_{26}$
56745	1044	1043	$\frac{32}{1043}$	$\frac{115}{1043}$	$\frac{337}{1043}$	$\frac{353}{1043}$	$\Phi_{1043}\ \Phi_{149}\ \Phi_{7}\ \Phi_{1}^2$
56746	1044	175	$\frac{4}{175}$	$\frac{1}{7}$	$\frac{57}{175}$	$\frac{59}{175}$	$\Phi_{175}^6\ \Phi_{35}^6\ \Phi_{25}^6\ \Phi_{7}^5\ \Phi_{5}^6\ \Phi_{1}^6$
56747	1044	149	$\frac{2}{149}$	$\frac{33}{149}$	$\frac{49}{149}$	$\frac{50}{149}$	$\Phi_{149}^7\ \Phi_{1}^8$
56748	1044	1396	$\frac{4}{349}$	$\frac{1}{4}$	$\frac{115}{349}$	$\frac{117}{349}$	$\Phi_{1396}\ \Phi_{698}$
56749	1044	1043	$\frac{8}{1043}$	$\frac{345}{1043}$	$\frac{347}{1043}$	$\frac{349}{1043}$	$\Phi_{1043}\ \Phi_{149}\ \Phi_{7}\ \Phi_{1}^2$
56750	1044	1569	$\frac{4}{523}$	$\frac{173}{523}$	$\frac{1}{3}$	$\frac{175}{523}$	Φ_{1569}
56751	1044	390	$\frac{1}{130}$	$\frac{43}{130}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^4\ \Phi_{78}^2\ \Phi_{65}^4\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^4\ \Phi_{15}^2\ \Phi_{13}^4\ \Phi_{10}^4\ \Phi_{6}^2\ \Phi_{5}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
56752	1044	264	$\frac{1}{88}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{264}^3\ \Phi_{132}^3\ \Phi_{88}^6\ \Phi_{66}^3\ \Phi_{44}^6\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^6\ \Phi_{12}^2\ \Phi_{11}^6\ \Phi_{8}^6\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
56753	1044	795	$\frac{4}{265}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{795}\ \Phi_{265}^2\ \Phi_{159}\ \Phi_{53}^2\ \Phi_{3}\ \Phi_{1}^2$
56754	1044	975	$\frac{1}{65}$	$\frac{64}{325}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{975}\ \Phi_{325}^2\ \Phi_{75}\ \Phi_{25}^2\ \Phi_{3}\ \Phi_{1}^2$
56755	1044	312	$\frac{1}{52}$	$\frac{17}{104}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{312}^3\ \Phi_{156}^2\ \Phi_{104}^6\ \Phi_{78}^2\ \Phi_{52}^4\ \Phi_{39}^2\ \Phi_{26}^4\ \Phi_{24}^3\ \Phi_{13}^4\ \Phi_{12}^2\ \Phi_{8}^6\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
56756	1044	195	$\frac{2}{65}$	$\frac{7}{65}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^4\ \Phi_{65}^8\ \Phi_{39}^4\ \Phi_{15}^4\ \Phi_{13}^8\ \Phi_{5}^8\ \Phi_{3}^5\ \Phi_{1}^{10}$
56757	1044	30	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{30}^{35}\ \Phi_{15}^{35}\ \Phi_{10}^{34}\ \Phi_{6}^{35}\ \Phi_{5}^{34}\ \Phi_{3}^{36}\ \Phi_{2}^{34}\ \Phi_{1}^{36}$
56758	1044	858	$\frac{1}{26}$	$\frac{25}{286}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{858}\ \Phi_{429}\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{3}\ \Phi_{1}^2$
56759	1044	273	$\frac{4}{91}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{273}^3\ \Phi_{91}^6\ \Phi_{39}^2\ \Phi_{21}^3\ \Phi_{13}^4\ \Phi_{7}^6\ \Phi_{3}^3\ \Phi_{1}^6$
56760	1044	840	$\frac{1}{20}$	$\frac{19}{280}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{3}\ \Phi_{1}^2$
56761	1044	2076	$\frac{2}{173}$	$\frac{1}{4}$	$\frac{57}{173}$	$\frac{1}{3}$	$\Phi_{2076}\ \Phi_{1038}\ \Phi_{12}^2\ \Phi_{6}^2$
56762	1044	1569	$\frac{7}{523}$	$\frac{117}{523}$	$\frac{172}{523}$	$\frac{1}{3}$	Φ_{1569}
56763	1044	903	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{14}{43}$	$\frac{1}{3}$	$\Phi_{903}^2\ \Phi_{21}^3$
56764	1044	1569	$\frac{16}{523}$	$\frac{59}{523}$	$\frac{169}{523}$	$\frac{1}{3}$	Φ_{1569}
56765	1044	1710	$\frac{2}{57}$	$\frac{1}{10}$	$\frac{55}{171}$	$\frac{1}{3}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{342}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
56766	1044	798	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{114}\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
56767	1044	510	$\frac{1}{30}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{510}^2\ \Phi_{255}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{30}^4\ \Phi_{17}^2\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
56768	1044	1569	$\frac{13}{523}$	$\frac{85}{523}$	$\frac{146}{523}$	$\frac{1}{3}$	Φ_{1569}
56769	1044	708	$\frac{1}{59}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{708}^2\ \Phi_{354}^2\ \Phi_{177}^3$
56770	1044	2076	$\frac{5}{173}$	$\frac{28}{173}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2076}\ \Phi_{1038}\ \Phi_{12}^2\ \Phi_6^2$
56771	1044	420	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^2\ \Phi_{140}^4\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2$
56772	1044	1824	$\frac{1}{19}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{456}\ \Phi_{57}$
56773	1044	570	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{9}{38}$	$\frac{1}{3}$	$\Phi_{570}^3\ \Phi_{285}^3\ \Phi_{114}\ \Phi_{57}^2\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_6^2\ \Phi_3^2$
56774	1044	1332	$\frac{1}{37}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1332}\ \Phi_{666}\ \Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}$
56775	1044	1995	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{285}\ \Phi_{57}$
56776	1044	473	$\frac{1}{43}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{14}{43}$	$\Phi_{473}^2\ \Phi_{43}^4\ \Phi_{11}^3\ \Phi_1^6$
56777	1044	860	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{14}{43}$	$\Phi_{860}^2\ \Phi_{430}^2\ \Phi_{20}^3\ \Phi_{10}^3$
56778	1044	1043	$\frac{26}{1043}$	$\frac{176}{1043}$	$\frac{289}{1043}$	$\frac{339}{1043}$	$\Phi_{1043}\ \Phi_{149}\ \Phi_7\ \Phi_1^2$
56779	1044	1310	$\frac{7}{262}$	$\frac{1}{5}$	$\frac{59}{262}$	$\frac{85}{262}$	$\Phi_{1310}\ \Phi_{655}\ \Phi_{10}$
56780	1044	1043	$\frac{29}{1043}$	$\frac{202}{1043}$	$\frac{235}{1043}$	$\frac{338}{1043}$	$\Phi_{1043}\ \Phi_{149}\ \Phi_7\ \Phi_1^2$
56781	1044	1396	$\frac{10}{349}$	$\frac{59}{349}$	$\frac{1}{4}$	$\frac{113}{349}$	$\Phi_{1396}\ \Phi_{698}$
56782	1044	525	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{17}{75}$	$\frac{8}{25}$	$\Phi_{525}^3\ \Phi_{175}\ \Phi_{105}^3\ \Phi_{35}\ \Phi_{21}^3$
56783	1044	595	$\frac{4}{85}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{27}{85}$	$\Phi_{595}^2\ \Phi_{119}^2\ \Phi_{35}^3\ \Phi_7^2$
56784	1044	210	$\frac{2}{35}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{11}{35}$	$\Phi_{210}^7\ \Phi_{105}^7\ \Phi_{42}^8\ \Phi_{35}\ \Phi_{30}^7\ \Phi_{21}^8\ \Phi_{15}^7\ \Phi_7\ \Phi_6^8\ \Phi_5\ \Phi_3^8\ \Phi_1^2$
56785	1044	1120	$\frac{2}{35}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{11}{35}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
56786	1044	35	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{11}{35}$	$\Phi_{35}^{30}\ \Phi_7^{29}\ \Phi_5^{30}\ \Phi_1^{30}$
56787	1044	1092	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{1092}^2\ \Phi_{546}\ \Phi_{273}\ \Phi_{156}^2\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
56788	1044	210	$\frac{1}{14}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{13}{42}$	$\Phi_{210}^7\ \Phi_{105}^7\ \Phi_{42}^8\ \Phi_{35}\ \Phi_{30}^7\ \Phi_{21}^8\ \Phi_{15}^7\ \Phi_7\ \Phi_6^8\ \Phi_5\ \Phi_3^8\ \Phi_1^2$
56789	1044	210	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{210}^7\ \Phi_{105}^7\ \Phi_{42}^8\ \Phi_{30}^7\ \Phi_{21}^8\ \Phi_{15}^7\ \Phi_{10}^4\ \Phi_6^8\ \Phi_5^3\ \Phi_3^8\ \Phi_2^4\ \Phi_1^4$
56790	1044	42	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{13}{42}$	$\Phi_{42}^{36}\ \Phi_{21}^{36}\ \Phi_7^5\ \Phi_6^{36}\ \Phi_3^{36}\ \Phi_1^6$
56791	1044	270	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{19}{135}$	$\frac{8}{27}$	$\Phi_{270}^4\ \Phi_{135}^3\ \Phi_{90}^5\ \Phi_{54}^4\ \Phi_{45}^4\ \Phi_{30}^5\ \Phi_{27}^4\ \Phi_{18}^5\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^5\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
56792	1044	646	$\frac{1}{19}$	$\frac{2}{17}$	$\frac{9}{38}$	$\frac{5}{17}$	$\Phi_{646}^2\ \Phi_{323}\ \Phi_{38}^4\ \Phi_{34}^2\ \Phi_{19}^2\ \Phi_{17}^2\ \Phi_2^4\ \Phi_1^4$
56793	1044	245	$\frac{3}{35}$	$\frac{32}{245}$	$\frac{1}{7}$	$\frac{71}{245}$	$\Phi_{245}^4\ \Phi_{49}^4\ \Phi_{35}^6\ \Phi_7^5\ \Phi_5^6\ \Phi_1^6$
56794	1044	63	$\frac{5}{63}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{63}^{18}\ \Phi_{21}^{18}\ \Phi_9^{18}\ \Phi_7^5\ \Phi_3^{18}\ \Phi_1^6$
56795	1044	98	$\frac{5}{49}$	$\frac{11}{98}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{98}^{12}\ \Phi_{49}^9\ \Phi_{14}^{12}\ \Phi_7^{11}\ \Phi_2^{12}\ \Phi_1^{12}$
56796	1044	810	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{81}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{162}^2\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
56797	1044	520	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{520}^2\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{104}^3\ \Phi_{65}^2\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{13}^2$
56798	1044	660	$\frac{1}{30}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{660}^2\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}^4\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_{11}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
56799	1044	1110	$\frac{1}{30}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{1110}\ \Phi_{555}\ \Phi_{370}\ \Phi_{222}\ \Phi_{185}\ \Phi_{111}\ \Phi_{74}$
56800	1044	390	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{3}{13}$	$\frac{10}{39}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}\ \Phi_{78}^4\ \Phi_{65}\ \Phi_{30}^4\ \Phi_{26}\ \Phi_{15}^4\ \Phi_6^4$
56801	1044	1043	$\frac{27}{1043}$	$\frac{254}{1043}$	$\frac{260}{1043}$	$\frac{263}{1043}$	$\Phi_{1043}\ \Phi_{149}\ \Phi_7\ \Phi_1^2$
56802	1044	1396	$\frac{9}{349}$	$\frac{85}{349}$	$\frac{1}{4}$	$\frac{88}{349}$	$\Phi_{1396}\ \Phi_{698}$
56803	1044	460	$\frac{3}{115}$	$\frac{28}{115}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{460}^2\ \Phi_{230}^2\ \Phi_{115}^3\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
56804	1044	60	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{60}^{16}\ \Phi_{30}^{20}\ \Phi_{20}^{14}\ \Phi_{15}^{20}\ \Phi_{12}^{16}\ \Phi_{10}^{18}\ \Phi_{6}^{20}\ \Phi_{5}^{17}\ \Phi_{4}^{16}\ \Phi_{3}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{20}$
56805	1044	276	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{276}^{4}\ \Phi_{138}^{4}\ \Phi_{92}^{2}\ \Phi_{69}^{6}\ \Phi_{46}^{2}\ \Phi_{23}^{3}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
56806	1044	416	$\frac{1}{13}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{416}^{3}\ \Phi_{208}^{3}\ \Phi_{104}^{3}\ \Phi_{52}\ \Phi_{26}$
56807	1044	532	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{9}{38}$	$\frac{1}{4}$	$\Phi_{532}^{3}\ \Phi_{266}\ \Phi_{133}^{2}\ \Phi_{28}^{4}\ \Phi_{14}^{2}\ \Phi_{7}^{2}$
56808	1044	1120	$\frac{3}{35}$	$\frac{3}{32}$	$\frac{8}{35}$	$\frac{1}{4}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
56809	1044	1456	$\frac{1}{13}$	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
56810	1044	160	$\frac{3}{32}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{160}^{7}\ \Phi_{80}^{7}\ \Phi_{40}^{7}\ \Phi_{32}^{8}\ \Phi_{16}^{8}\ \Phi_{10}^{4}\ \Phi_{8}^{8}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
56811	1044	1820	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{260}\ \Phi_{130}\ \Phi_{52}\ \Phi_{26}$
56812	1044	224	$\frac{3}{32}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{224}^{5}\ \Phi_{112}^{5}\ \Phi_{56}^{5}\ \Phi_{32}^{6}\ \Phi_{16}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
56813	1044	35	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{8}{35}$	$\Phi_{35}^{30}\ \Phi_{7}^{29}\ \Phi_{5}^{30}\ \Phi_{1}^{30}$
56814	1044	112	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{25}{112}$	$\Phi_{112}^{12}\ \Phi_{56}^{12}\ \Phi_{16}^{12}\ \Phi_{8}^{12}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
56815	1044	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{7}{36}$	$\frac{2}{9}$	$\Phi_{180}^{8}\ \Phi_{90}^{5}\ \Phi_{60}^{8}\ \Phi_{45}^{5}\ \Phi_{36}^{4}\ \Phi_{30}^{5}\ \Phi_{20}^{8}\ \Phi_{18}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{6}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
56816	1044	98	$\frac{11}{98}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{98}^{12}\ \Phi_{49}^{12}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
56817	1044	70	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{70}^{16}\ \Phi_{35}^{13}\ \Phi_{14}^{16}\ \Phi_{10}^{20}\ \Phi_{7}^{12}\ \Phi_{5}^{16}\ \Phi_{2}^{20}\ \Phi_{1}^{16}$
56818	1044	35	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{35}^{36}\ \Phi_{7}^{5}\ \Phi_{5}^{36}\ \Phi_{1}^{6}$
56819	1045	416	$\frac{1}{208}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{207}{416}$	$\Phi_{416}^{5}\ \Phi_{32}^{5}\ \Phi_{8}\ \Phi_{1}$
56820	1045	1856	$\frac{1}{116}$	$\frac{117}{928}$	$\frac{811}{1856}$	$\frac{115}{232}$	$\Phi_{1856}\ \Phi_{232}\ \Phi_{64}\ \Phi_{8}\ \Phi_{1}$
56821	1045	1392	$\frac{1}{116}$	$\frac{347}{1392}$	$\frac{117}{464}$	$\frac{115}{232}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{87}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
56822	1045	414	$\frac{2}{207}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{205}{414}$	$\Phi_{414}^{2}\ \Phi_{207}^{3}\ \Phi_{138}^{2}\ \Phi_{69}^{3}\ \Phi_{46}^{2}\ \Phi_{23}^{3}\ \Phi_{18}^{2}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
56823	1045	940	$\frac{1}{94}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{93}{188}$	$\Phi_{470}^{2}\ \Phi_{235}^{2}\ \Phi_{188}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{20}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
56824	1045	2820	$\frac{1}{94}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{93}{188}$	$\Phi_{2820}\ \Phi_{564}\ \Phi_{188}\ \Phi_{60}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
56825	1045	2064	$\frac{13}{1032}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1019}{2064}$	$\Phi_{2064}\ \Phi_{688}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
56826	1045	840	$\frac{1}{70}$	$\frac{1}{6}$	$\frac{71}{280}$	$\frac{69}{140}$	$\Phi_{840}^{2}\ \Phi_{280}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}^{2}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
56827	1045	108	$\frac{1}{54}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{53}{108}$	$\Phi_{108}\ \Phi_{54}^{18}\ \Phi_{36}^{2}\ \Phi_{27}^{18}\ \Phi_{18}^{18}\ \Phi_{12}^{2}\ \Phi_{9}^{18}\ \Phi_{6}^{18}\ \Phi_{4}^{2}\ \Phi_{3}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
56828	1045	756	$\frac{1}{54}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{53}{108}$	$\Phi_{756}^{3}\ \Phi_{252}^{3}\ \Phi_{108}\ \Phi_{84}^{3}\ \Phi_{36}\ \Phi_{28}^{3}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
56829	1045	108	$\frac{1}{54}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{53}{108}$	$\Phi_{108}^{19}\ \Phi_{36}^{19}\ \Phi_{27}\ \Phi_{12}^{19}\ \Phi_{4}^{19}\ \Phi_{1}$
56830	1045	216	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{53}{108}$	$\Phi_{216}^{6}\ \Phi_{108}\ \Phi_{72}^{6}\ \Phi_{54}^{6}\ \Phi_{36}\ \Phi_{27}^{6}\ \Phi_{24}^{7}\ \Phi_{18}^{6}\ \Phi_{12}^{2}\ \Phi_{9}^{6}\ \Phi_{8}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
56831	1045	1230	$\frac{4}{205}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{201}{410}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{246}\ \Phi_{205}\ \Phi_{123}\ \Phi_{41}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
56832	1045	372	$\frac{2}{93}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{91}{186}$	$\Phi_{372}^{3}\ \Phi_{186}^{2}\ \Phi_{124}^{3}\ \Phi_{93}^{3}\ \Phi_{62}^{2}\ \Phi_{31}^{3}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
56833	1045	1404	$\frac{8}{351}$	$\frac{1}{9}$	$\frac{359}{1404}$	$\frac{343}{702}$	$\Phi_{1404}\ \Phi_{468}\ \Phi_{351}\ \Phi_{156}\ \Phi_{117}\ \Phi_{108}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{27}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
56834	1045	252	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{43}{252}$	$\frac{41}{84}$	$\Phi_{252}^{5}\ \Phi_{126}^{5}\ \Phi_{63}^{5}\ \Phi_{42}^{5}\ \Phi_{36}^{5}\ \Phi_{21}^{5}\ \Phi_{18}^{5}\ \Phi_{14}^{5}\ \Phi_{9}^{5}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
56835	1045	408	$\frac{5}{204}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{199}{408}$	$\Phi_{408}^{5}\ \Phi_{136}^{5}\ \Phi_{24}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
56836	1045	2016	$\frac{1}{36}$	$\frac{37}{1008}$	$\frac{971}{2016}$	$\frac{35}{72}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{72}\ \Phi_{32}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
56837	1045	1512	$\frac{1}{36}$	$\frac{37}{504}$	$\frac{467}{1512}$	$\frac{35}{72}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
56838	1045	1152	$\frac{1}{36}$	$\frac{107}{1152}$	$\frac{37}{144}$	$\frac{35}{72}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
56839	1045	1218	$\frac{6}{203}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{197}{406}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{203}\ \Phi_{174}\ \Phi_{87}\ \Phi_{42}^2\ \Phi_{29}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
56840	1045	384	$\frac{1}{32}$	$\frac{1}{12}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{384}^4\ \Phi_{128}^3\ \Phi_{96}^4\ \Phi_{48}^4\ \Phi_{32}^3\ \Phi_{24}^4\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
56841	1045	552	$\frac{3}{92}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{89}{184}$	$\Phi_{552}^4\ \Phi_{184}^3\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
56842	1045	240	$\frac{1}{30}$	$\frac{31}{240}$	$\frac{1}{6}$	$\frac{29}{60}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{48}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
56843	1045	2016	$\frac{37}{1008}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{971}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
56844	1045	2016	$\frac{37}{1008}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{971}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{42}\ \Phi_{32}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
56845	1045	1200	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{191}{400}$	$\Phi_{1200}^2\ \Phi_{400}\ \Phi_{240}^2\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
56846	1045	684	$\frac{2}{57}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{684}^3\ \Phi_{228}^3\ \Phi_{76}^3\ \Phi_{57}\ \Phi_{36}\ \Phi_{19}\ \Phi_{12}\ \Phi_4\ \Phi_1$
56847	1045	324	$\frac{1}{27}$	$\frac{1}{18}$	$\frac{26}{81}$	$\frac{17}{36}$	$\Phi_{324}^9\ \Phi_{81}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
56848	1045	72	$\frac{1}{18}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{17}{36}$	$\Phi_{72}^{19}\ \Phi_{36}^2\ \Phi_{24}^{19}\ \Phi_{18}^{18}\ \Phi_{12}^2\ \Phi_9^{18}\ \Phi_8^{19}\ \Phi_6^{18}\ \Phi_4^2\ \Phi_3^{18}\ \Phi_2^{18}\ \Phi_1^{19}$
56849	1045	108	$\frac{1}{18}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{17}{36}$	$\Phi_{108}^{18}\ \Phi_{36}^{19}\ \Phi_{27}^2\ \Phi_{12}^{19}\ \Phi_9^2\ \Phi_4^{19}\ \Phi_3^2\ \Phi_1^3$
56850	1045	36	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{36}^{25}\ \Phi_{18}^{30}\ \Phi_{12}^{30}\ \Phi_9^{30}\ \Phi_6^{34}\ \Phi_4^{30}\ \Phi_3^{34}\ \Phi_2^{34}\ \Phi_1^{35}$
56851	1045	252	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{17}{36}$	$\Phi_{252}^9\ \Phi_{84}^9\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}^9\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
56852	1045	520	$\frac{1}{20}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{520}^4\ \Phi_{104}^3\ \Phi_{40}^4\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
56853	1045	1176	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{183}{392}$	$\Phi_{1176}^2\ \Phi_{392}\ \Phi_{168}^2\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
56854	1045	234	$\frac{8}{117}$	$\frac{25}{234}$	$\frac{1}{9}$	$\frac{109}{234}$	$\Phi_{234}^4\ \Phi_{117}^5\ \Phi_{78}^4\ \Phi_{39}^5\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}^5\ \Phi_9^4\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
56855	1045	672	$\frac{15}{224}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}\ \Phi_{168}^2\ \Phi_{112}\ \Phi_{96}^2\ \Phi_{56}\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
56856	1045	390	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{1}{6}$	$\frac{181}{390}$	$\Phi_{390}^2\ \Phi_{195}^3\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^3\ \Phi_{39}^3\ \Phi_{30}^5\ \Phi_{26}^2\ \Phi_{15}^5\ \Phi_{13}^3\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
56857	1045	1944	$\frac{1}{36}$	$\frac{73}{972}$	$\frac{35}{108}$	$\frac{899}{1944}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
56858	1045	1944	$\frac{73}{972}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{899}{1944}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{216}\ \Phi_{81}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
56859	1045	528	$\frac{7}{88}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{81}{176}$	$\Phi_{528}^4\ \Phi_{176}^3\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
56860	1045	384	$\frac{1}{12}$	$\frac{17}{192}$	$\frac{11}{96}$	$\frac{175}{384}$	$\Phi_{384}^5\ \Phi_{128}^5\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
56861	1045	288	$\frac{1}{36}$	$\frac{7}{72}$	$\frac{79}{288}$	$\frac{65}{144}$	$\Phi_{288}^5\ \Phi_{96}^5\ \Phi_{72}^5\ \Phi_{36}^4\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
56862	1045	1134	$\frac{89}{1134}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{162}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{81}\ \Phi_{63}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
56863	1045	2820	$\frac{1}{47}$	$\frac{1}{10}$	$\frac{46}{141}$	$\frac{9}{20}$	$\Phi_{2820}\ \Phi_{564}\ \Phi_{141}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
56864	1045	940	$\frac{2}{47}$	$\frac{1}{10}$	$\frac{9}{47}$	$\frac{9}{20}$	$\Phi_{940}^2\ \Phi_{188}^2\ \Phi_{47}^2\ \Phi_{20}^3\ \Phi_4^3\ \Phi_1^3$
56865	1045	60	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{60}^{20}\ \Phi_{30}^{22}\ \Phi_{20}^{10}\ \Phi_{15}^{22}\ \Phi_{12}^{20}\ \Phi_{10}^{11}\ \Phi_6^{21}\ \Phi_5^{11}\ \Phi_4^{10}\ \Phi_3^{21}\ \Phi_2^{10}\ \Phi_1^{11}$
56866	1045	378	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{1}{6}$	$\frac{169}{378}$	$\Phi_{378}^2\ \Phi_{189}^3\ \Phi_{126}^2\ \Phi_{63}^3\ \Phi_{54}^2\ \Phi_{42}^5\ \Phi_{27}^3\ \Phi_{21}^5\ \Phi_{18}^2\ \Phi_{14}^5\ \Phi_9^3\ \Phi_7^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
56867	1045	1152	$\frac{1}{12}$	$\frac{107}{1152}$	$\frac{11}{96}$	$\frac{85}{192}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
56868	1045	1872	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{109}{936}$	$\frac{827}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{48}\ \Phi_{39}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
56869	1045	1092	$\frac{47}{1092}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}\ \Phi_{91}\ \Phi_{78}\ \Phi_{52}\ \Phi_{42}\ \Phi_{39}\ \Phi_{26}\ \Phi_{21}\ \Phi_{14}\ \Phi_{13}\ \Phi_7\ \Phi_1$
56870	1045	980	$\frac{1}{20}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{49}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
56871	1045	320	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{320}^4\ \Phi_{160}^4\ \Phi_{64}^3\ \Phi_{40}^4\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
56872	1045	168	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{168}$	$\Phi_{168}^{11}\ \Phi_{56}^{11}\ \Phi_{24}^{11}\ \Phi_{12}^{10}\ \Phi_8^{11}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
56873	1045	480	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{480}^4\ \Phi_{160}^4\ \Phi_{96}^3\ \Phi_{40}^4\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
56874	1045	360	$\frac{1}{36}$	$\frac{29}{180}$	$\frac{7}{36}$	$\frac{151}{360}$	$\Phi_{360}^5\ \Phi_{120}^5\ \Phi_{72}^5\ \Phi_{40}^5\ \Phi_{36}^4\ \Phi_{24}^5\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
56875	1045	360	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{1}{6}$	$\frac{151}{360}$	$\Phi_{360}^5\ \Phi_{120}^5\ \Phi_{72}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
56876	1045	1296	$\frac{1}{36}$	$\frac{35}{216}$	$\frac{251}{1296}$	$\frac{181}{432}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
56877	1045	216	$\frac{7}{216}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{216}^5\ \Phi_{108}^5\ \Phi_{72}^5\ \Phi_{54}^5\ \Phi_{36}^5\ \Phi_{27}^5\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_9^5\ \Phi_8^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
56878	1045	224	$\frac{1}{56}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{224}^8\ \Phi_{56}^3\ \Phi_{32}^7\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
56879	1045	96	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{96}^{20}\ \Phi_{48}^4\ \Phi_{32}^{15}\ \Phi_{24}^4\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
56880	1045	1050	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{34}{175}$	$\frac{141}{350}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{210}^2\ \Phi_{175}\ \Phi_{150}\ \Phi_{105}^2\ \Phi_{75}\ \Phi_{70}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
56881	1045	261	$\frac{2}{87}$	$\frac{17}{87}$	$\frac{52}{261}$	$\frac{35}{87}$	$\Phi_{261}^5\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_9^5\ \Phi_3^2\ \Phi_1^3$
56882	1045	348	$\frac{2}{87}$	$\frac{17}{87}$	$\frac{35}{174}$	$\frac{139}{348}$	$\Phi_{348}^5\ \Phi_{116}^5\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{12}^5\ \Phi_4^5\ \Phi_3^2\ \Phi_1^3$
56883	1045	1728	$\frac{1}{36}$	$\frac{35}{216}$	$\frac{181}{864}$	$\frac{683}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
56884	1045	288	$\frac{1}{96}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^5\ \Phi_{72}^3\ \Phi_{48}^5\ \Phi_{36}^3\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{18}^2\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_9^3\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
56885	1045	336	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{41}{168}$	$\frac{127}{336}$	$\Phi_{336}^5\ \Phi_{112}^5\ \Phi_{48}^5\ \Phi_{42}^5\ \Phi_{21}^5\ \Phi_{16}^5\ \Phi_{14}^5\ \Phi_7^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
56886	1045	312	$\frac{1}{104}$	$\frac{1}{4}$	$\frac{103}{312}$	$\frac{3}{8}$	$\Phi_{312}^5\ \Phi_{156}^5\ \Phi_{78}^5\ \Phi_{39}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
56887	1045	96	$\frac{1}{96}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{96}^{11}\ \Phi_{48}^{11}\ \Phi_{32}^{11}\ \Phi_{24}^{11}\ \Phi_{16}^{10}\ \Phi_{12}^{11}\ \Phi_8^{11}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
56888	1045	424	$\frac{3}{212}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{424}^4\ \Phi_{212}\ \Phi_{106}\ \Phi_{53}\ \Phi_8\ \Phi_1$
56889	1045	168	$\frac{1}{56}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^8\ \Phi_{84}^8\ \Phi_{56}^3\ \Phi_{42}^8\ \Phi_{28}^3\ \Phi_{24}^7\ \Phi_{21}^8\ \Phi_{14}^3\ \Phi_{12}^7\ \Phi_8^3\ \Phi_7^3\ \Phi_6^7\ \Phi_4^2\ \Phi_3^7\ \Phi_2^2\ \Phi_1^3$
56890	1045	520	$\frac{1}{52}$	$\frac{51}{260}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}^4\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{40}^4\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
56891	1045	1248	$\frac{5}{208}$	$\frac{203}{1248}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
56892	1045	216	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^5\ \Phi_{108}^5\ \Phi_{72}^5\ \Phi_{54}^5\ \Phi_{36}^5\ \Phi_{27}^5\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
56893	1045	936	$\frac{1}{26}$	$\frac{25}{234}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{936}^2\ \Phi_{312}^2\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}^2\ \Phi_{39}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
56894	1045	104	$\frac{5}{104}$	$\frac{9}{104}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{104}^{10}\ \Phi_{52}^{10}\ \Phi_{26}^{10}\ \Phi_{13}^{10}\ \Phi_8^{11}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
56895	1045	120	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^{16}\ \Phi_{60}^4\ \Phi_{40}^{12}\ \Phi_{30}^4\ \Phi_{24}^{12}\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^9\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
56896	1045	1768	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1768}\ \Phi_{221}\ \Phi_{136}\ \Phi_{17}\ \Phi_8\ \Phi_1$
56897	1045	224	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{224}^5\ \Phi_{112}^5\ \Phi_{56}^5\ \Phi_{32}^5\ \Phi_{28}^5\ \Phi_{14}^5\ \Phi_8\ \Phi_7^5\ \Phi_1$
56898	1045	840	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
56899	1045	216	$\frac{7}{216}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{216}^5\ \Phi_{108}^5\ \Phi_{72}^5\ \Phi_{54}^4\ \Phi_{36}^5\ \Phi_{27}^5\ \Phi_{24}^5\ \Phi_{18}^4\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
56900	1045	420	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^4\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^4\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^4\ \Phi_{30}^2\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{14}^3\ \Phi_{12}\ \Phi_{10}^3\ \Phi_7^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
56901	1045	144	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{23}{72}$	$\frac{49}{144}$	$\Phi_{144}^{11}\ \Phi_{48}^{11}\ \Phi_{24}^{11}\ \Phi_{16}^{11}\ \Phi_{12}^{10}\ \Phi_8^{11}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
56902	1045	399	$\frac{2}{57}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{399}^3\ \Phi_{133}^3\ \Phi_{57}\ \Phi_{21}\ \Phi_{19}\ \Phi_7\ \Phi_1$
56903	1045	567	$\frac{1}{27}$	$\frac{2}{21}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{567}^3\ \Phi_{81}\ \Phi_{21}\ \Phi_7\ \Phi_1$
56904	1045	513	$\frac{2}{57}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{513}^3\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
56905	1045	276	$\frac{2}{69}$	$\frac{1}{6}$	$\frac{67}{276}$	$\frac{1}{3}$	$\Phi_{276}^{5}\,\Phi_{138}^{2}\,\Phi_{92}^{5}\,\Phi_{69}^{3}\,\Phi_{46}^{2}\,\Phi_{23}^{3}\,\Phi_{12}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
56906	1045	504	$\frac{1}{18}$	$\frac{2}{21}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{504}^{3}\,\Phi_{252}^{3}\,\Phi_{168}^{3}\,\Phi_{84}^{3}\,\Phi_{72}\,\Phi_{56}^{3}\,\Phi_{36}\,\Phi_{28}^{3}\,\Phi_{24}\,\Phi_{21}\,\Phi_{12}\,\Phi_{8}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
56907	1045	216	$\frac{7}{216}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{216}^{5}\,\Phi_{108}^{5}\,\Phi_{72}^{5}\,\Phi_{54}^{5}\,\Phi_{36}^{5}\,\Phi_{27}^{5}\,\Phi_{24}^{5}\,\Phi_{18}^{2}\,\Phi_{12}^{5}\,\Phi_{9}^{3}\,\Phi_{8}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
56908	1045	456	$\frac{2}{57}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{456}^{3}\,\Phi_{228}^{3}\,\Phi_{152}^{3}\,\Phi_{76}^{3}\,\Phi_{57}\,\Phi_{24}\,\Phi_{19}\,\Phi_{12}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
56909	1045	189	$\frac{2}{27}$	$\frac{2}{21}$	$\frac{5}{27}$	$\frac{1}{3}$	$\Phi_{189}^{6}\,\Phi_{63}^{6}\,\Phi_{27}^{2}\,\Phi_{21}^{7}\,\Phi_{9}^{2}\,\Phi_{7}^{7}\,\Phi_{3}^{2}\,\Phi_{1}^{3}$
56910	1045	84	$\frac{1}{12}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{84}^{15}\,\Phi_{42}^{12}\,\Phi_{28}^{15}\,\Phi_{21}^{13}\,\Phi_{14}^{12}\,\Phi_{12}^{5}\,\Phi_{7}^{13}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
56911	1045	63	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{3}$	$\Phi_{63}^{16}\,\Phi_{21}^{17}\,\Phi_{9}^{18}\,\Phi_{7}^{17}\,\Phi_{3}^{18}\,\Phi_{1}^{19}$
56912	1045	705	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{46}{141}$	$\Phi_{705}\,\Phi_{235}^{2}\,\Phi_{141}^{2}\,\Phi_{47}^{2}\,\Phi_{15}^{2}\,\Phi_{5}^{2}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
56913	1045	1296	$\frac{1}{36}$	$\frac{251}{1296}$	$\frac{73}{324}$	$\frac{35}{108}$	$\Phi_{1296}\,\Phi_{648}\,\Phi_{432}\,\Phi_{216}\,\Phi_{144}\,\Phi_{108}\,\Phi_{72}\,\Phi_{54}\,\Phi_{48}\,\Phi_{27}\,\Phi_{24}\,\Phi_{16}\,\Phi_{8}\,\Phi_{1}$
56914	1045	270	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{61}{270}$	$\frac{29}{90}$	$\Phi_{270}^{5}\,\Phi_{135}^{5}\,\Phi_{54}^{5}\,\Phi_{30}^{5}\,\Phi_{27}^{5}\,\Phi_{15}^{5}\,\Phi_{10}^{5}\,\Phi_{6}^{4}\,\Phi_{5}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
56915	1045	81	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{26}{81}$	$\Phi_{81}^{19}\,\Phi_{27}\,\Phi_{1}$
56916	1045	648	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{26}{81}$	$\Phi_{648}^{3}\,\Phi_{324}^{3}\,\Phi_{81}\,\Phi_{24}\,\Phi_{12}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
56917	1045	252	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{43}{252}$	$\frac{20}{63}$	$\Phi_{252}^{5}\,\Phi_{126}^{2}\,\Phi_{84}^{5}\,\Phi_{63}^{3}\,\Phi_{42}^{5}\,\Phi_{36}^{5}\,\Phi_{28}^{5}\,\Phi_{21}^{5}\,\Phi_{18}^{2}\,\Phi_{14}^{5}\,\Phi_{12}^{5}\,\Phi_{9}^{3}\,\Phi_{7}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
56918	1045	306	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{97}{306}$	$\Phi_{306}^{5}\,\Phi_{153}^{5}\,\Phi_{18}^{5}\,\Phi_{9}^{5}\,\Phi_{6}^{4}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
56919	1045	1512	$\frac{37}{504}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{467}{1512}$	$\Phi_{1512}\,\Phi_{756}\,\Phi_{378}\,\Phi_{216}\,\Phi_{189}\,\Phi_{108}\,\Phi_{54}\,\Phi_{42}\,\Phi_{27}\,\Phi_{21}\,\Phi_{14}\,\Phi_{7}\,\Phi_{1}$
56920	1045	300	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{91}{300}$	$\Phi_{300}^{3}\,\Phi_{150}^{3}\,\Phi_{100}^{4}\,\Phi_{75}^{3}\,\Phi_{60}^{3}\,\Phi_{50}^{4}\,\Phi_{30}^{5}\,\Phi_{25}^{4}\,\Phi_{20}^{4}\,\Phi_{15}^{5}\,\Phi_{12}^{3}\,\Phi_{10}^{5}\,\Phi_{6}^{4}\,\Phi_{5}^{5}\,\Phi_{4}^{4}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
56921	1045	243	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{34}{243}$	$\frac{73}{243}$	$\Phi_{243}^{4}\,\Phi_{81}^{5}\,\Phi_{27}^{5}\,\Phi_{9}^{4}\,\Phi_{3}^{4}\,\Phi_{1}^{5}$
56922	1045	216	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{17}{72}$	$\frac{8}{27}$	$\Phi_{216}^{9}\,\Phi_{108}^{9}\,\Phi_{72}\,\Phi_{36}\,\Phi_{27}\,\Phi_{24}\,\Phi_{12}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
56923	1045	27	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{8}{27}$	$\Phi_{27}^{39}\,\Phi_{9}^{38}\,\Phi_{3}^{38}\,\Phi_{1}^{39}$
56924	1045	108	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{108}^{15}\,\Phi_{54}^{12}\,\Phi_{27}^{13}\,\Phi_{12}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
56925	1045	189	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{8}{27}$	$\Phi_{189}^{9}\,\Phi_{63}\,\Phi_{27}\,\Phi_{21}\,\Phi_{7}\,\Phi_{1}$
56926	1045	1134	$\frac{89}{1134}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{126}$	$\Phi_{1134}\,\Phi_{567}\,\Phi_{378}\,\Phi_{189}\,\Phi_{162}\,\Phi_{81}\,\Phi_{54}\,\Phi_{42}\,\Phi_{27}\,\Phi_{21}\,\Phi_{14}\,\Phi_{7}\,\Phi_{1}$
56927	1045	360	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{360}^{4}\,\Phi_{180}^{4}\,\Phi_{90}^{4}\,\Phi_{72}^{3}\,\Phi_{45}^{4}\,\Phi_{40}^{4}\,\Phi_{36}^{3}\,\Phi_{20}^{3}\,\Phi_{18}^{3}\,\Phi_{10}^{3}\,\Phi_{9}^{3}\,\Phi_{8}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
56928	1045	294	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{6}$	$\frac{85}{294}$	$\Phi_{294}^{3}\,\Phi_{147}^{3}\,\Phi_{98}^{4}\,\Phi_{49}^{4}\,\Phi_{42}^{5}\,\Phi_{21}^{5}\,\Phi_{14}^{5}\,\Phi_{7}^{5}\,\Phi_{6}^{4}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
56929	1045	140	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{140}^{8}\,\Phi_{70}^{8}\,\Phi_{35}^{8}\,\Phi_{28}^{8}\,\Phi_{20}^{7}\,\Phi_{14}^{3}\,\Phi_{10}^{7}\,\Phi_{7}^{5}\,\Phi_{5}^{7}\,\Phi_{4}^{7}\,\Phi_{2}^{2}\,\Phi_{1}^{5}$
56930	1045	1458	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{486}$	$\frac{413}{1458}$	$\Phi_{1458}\,\Phi_{729}\,\Phi_{81}\,\Phi_{27}\,\Phi_{1}$
56931	1045	108	$\frac{1}{12}$	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{108}^{11}\,\Phi_{54}^{11}\,\Phi_{36}^{5}\,\Phi_{27}^{11}\,\Phi_{18}^{6}\,\Phi_{12}^{10}\,\Phi_{9}^{6}\,\Phi_{6}^{10}\,\Phi_{4}^{10}\,\Phi_{3}^{10}\,\Phi_{2}^{10}\,\Phi_{1}^{11}$
56932	1045	288	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{17}{96}$	$\frac{79}{288}$	$\Phi_{288}^{5}\,\Phi_{144}^{5}\,\Phi_{96}\,\Phi_{72}^{5}\,\Phi_{48}\,\Phi_{36}^{5}\,\Phi_{32}\,\Phi_{24}\,\Phi_{18}^{5}\,\Phi_{16}\,\Phi_{9}^{5}\,\Phi_{8}\,\Phi_{1}$
56933	1045	705	$\frac{2}{47}$	$\frac{9}{47}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{705}^{2}\,\Phi_{141}^{2}\,\Phi_{47}^{2}\,\Phi_{15}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
56934	1045	60	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{60}^{17}\,\Phi_{30}^{15}\,\Phi_{20}^{21}\,\Phi_{15}^{16}\,\Phi_{12}^{17}\,\Phi_{10}^{19}\,\Phi_{6}^{14}\,\Phi_{5}^{19}\,\Phi_{4}^{21}\,\Phi_{3}^{15}\,\Phi_{2}^{18}\,\Phi_{1}^{19}$
56935	1045	1152	$\frac{1}{12}$	$\frac{107}{1152}$	$\frac{11}{48}$	$\frac{37}{144}$	$\Phi_{1152}\,\Phi_{576}\,\Phi_{384}\,\Phi_{288}\,\Phi_{192}\,\Phi_{128}\,\Phi_{96}\,\Phi_{64}\,\Phi_{48}\,\Phi_{32}\,\Phi_{24}\,\Phi_{16}\,\Phi_{8}\,\Phi_{1}$
56936	1045	1404	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{109}{468}$	$\frac{359}{1404}$	$\Phi_{1404}\,\Phi_{702}\,\Phi_{351}\,\Phi_{117}\,\Phi_{108}\,\Phi_{54}\,\Phi_{39}\,\Phi_{27}\,\Phi_{13}\,\Phi_{1}$
56937	1045	72	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{17}{72}$	$\Phi_{72}^{13}\,\Phi_{36}^{13}\,\Phi_{24}^{14}\,\Phi_{18}^{18}\,\Phi_{12}^{14}\,\Phi_{9}^{18}\,\Phi_{8}^{14}\,\Phi_{6}^{18}\,\Phi_{4}^{14}\,\Phi_{3}^{18}\,\Phi_{2}^{18}\,\Phi_{1}^{19}$
56938	1045	1344	$\frac{1}{12}$	$\frac{37}{336}$	$\frac{299}{1344}$	$\frac{11}{48}$	$\Phi_{1344}\,\Phi_{672}\,\Phi_{448}\,\Phi_{224}\,\Phi_{192}\,\Phi_{96}\,\Phi_{64}\,\Phi_{48}\,\Phi_{32}\,\Phi_{24}\,\Phi_{16}\,\Phi_{8}\,\Phi_{1}$
56939	1045	1296	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{251}{1296}$	$\frac{73}{324}$	$\Phi_{1296}\,\Phi_{648}\,\Phi_{432}\,\Phi_{216}\,\Phi_{144}\,\Phi_{81}\,\Phi_{72}\,\Phi_{48}\,\Phi_{27}\,\Phi_{24}\,\Phi_{16}\,\Phi_{8}\,\Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
56940	1045	240	$\frac{1}{10}$	$\frac{31}{240}$	$\frac{1}{6}$	$\frac{9}{40}$	$\Phi_{240}^5\ \Phi_{120}^3\ \Phi_{80}^5\ \Phi_{60}^3\ \Phi_{48}^5\ \Phi_{40}^4\ \Phi_{30}^5\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{16}^5\ \Phi_{15}^5\ \Phi_{12}^3\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_5^5\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
56941	1045	1344	$\frac{37}{336}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{299}{1344}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{42}\ \Phi_{32}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
56942	1045	1176	$\frac{131}{1176}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{168}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
56943	1045	42	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{42}^{23}\ \Phi_{21}^{26}\ \Phi_{14}^{25}\ \Phi_7^{27}\ \Phi_6^{22}\ \Phi_3^{25}\ \Phi_2^{24}\ \Phi_1^{27}$
56944	1045	216	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{5}{27}$	$\frac{5}{24}$	$\Phi_{216}^6\ \Phi_{108}^6\ \Phi_{72}^6\ \Phi_{36}^6\ \Phi_{27}^2\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_9^2\ \Phi_8^7\ \Phi_4^7\ \Phi_3^2\ \Phi_1^3$
56945	1045	24	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{24}^{55}\ \Phi_{12}^{30}\ \Phi_8^{55}\ \Phi_6^{34}\ \Phi_4^{30}\ \Phi_3^{34}\ \Phi_2^{34}\ \Phi_1^{35}$
56946	1045	504	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{84}^3\ \Phi_{63}\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
56947	1045	261	$\frac{16}{261}$	$\frac{49}{261}$	$\frac{52}{261}$	$\frac{53}{261}$	$\Phi_{261}^4\ \Phi_{87}^4\ \Phi_{29}^4\ \Phi_9^4\ \Phi_3^4\ \Phi_1^5$
56948	1045	750	$\frac{1}{10}$	$\frac{41}{250}$	$\frac{1}{6}$	$\frac{9}{50}$	$\Phi_{750}^2\ \Phi_{375}^2\ \Phi_{250}\ \Phi_{125}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
56949	1045	252	$\frac{5}{42}$	$\frac{37}{252}$	$\frac{1}{6}$	$\frac{43}{252}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{63}^4\ \Phi_{42}^5\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{21}^5\ \Phi_{18}^4\ \Phi_{14}^5\ \Phi_{12}^4\ \Phi_9^4\ \Phi_7^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
56950	1046	836	$\frac{1}{209}$	$\frac{105}{418}$	$\frac{313}{836}$	$\frac{104}{209}$	$\Phi_{836}^2\ \Phi_{209}\ \Phi_{76}^2\ \Phi_{44}^2\ \Phi_{19}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
56951	1046	1040	$\frac{3}{520}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{517}{1040}$	$\Phi_{1040}^2\ \Phi_{208}^2\ \Phi_{80}^2\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
56952	1046	3120	$\frac{3}{520}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{517}{1040}$	$\Phi_{3120}\ \Phi_{624}\ \Phi_{240}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
56953	1046	950	$\frac{1}{95}$	$\frac{48}{475}$	$\frac{427}{950}$	$\frac{47}{95}$	$\Phi_{950}^2\ \Phi_{190}^2\ \Phi_{95}\ \Phi_{50}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{10}^2\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
56954	1046	1035	$\frac{11}{1035}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{512}{1035}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}\ \Phi_{115}\ \Phi_{69}\ \Phi_{45}\ \Phi_{23}\ \Phi_{15}^2\ \Phi_9\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
56955	1046	700	$\frac{2}{175}$	$\frac{1}{5}$	$\frac{177}{700}$	$\frac{173}{350}$	$\Phi_{700}^2\ \Phi_{175}^2\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
56956	1046	1034	$\frac{6}{517}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{511}{1034}$	$\Phi_{1034}^2\ \Phi_{94}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
56957	1046	990	$\frac{1}{55}$	$\frac{28}{495}$	$\frac{467}{990}$	$\frac{27}{55}$	$\Phi_{990}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{110}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
56958	1046	660	$\frac{1}{55}$	$\frac{28}{165}$	$\frac{137}{660}$	$\frac{27}{55}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
56959	1046	630	$\frac{2}{105}$	$\frac{107}{630}$	$\frac{1}{5}$	$\frac{103}{210}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
56960	1046	1026	$\frac{10}{513}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{503}{1026}$	$\Phi_{1026}^2\ \Phi_{342}^2\ \Phi_{114}^2\ \Phi_{54}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
56961	1046	1025	$\frac{21}{1025}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{502}{1025}$	$\Phi_{1025}\ \Phi_{205}\ \Phi_{41}\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
56962	1046	1023	$\frac{23}{1023}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{500}{1023}$	$\Phi_{1023}\ \Phi_{341}\ \Phi_{93}\ \Phi_{33}^2\ \Phi_{31}\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
56963	1046	1020	$\frac{13}{510}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{497}{1020}$	$\Phi_{1020}^2\ \Phi_{340}^2\ \Phi_{204}^2\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
56964	1046	600	$\frac{2}{75}$	$\frac{77}{600}$	$\frac{1}{5}$	$\frac{73}{150}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
56965	1046	704	$\frac{5}{176}$	$\frac{1}{11}$	$\frac{181}{704}$	$\frac{171}{352}$	$\Phi_{704}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{64}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
56966	1046	1015	$\frac{31}{1015}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{492}{1015}$	$\Phi_{1015}\ \Phi_{203}\ \Phi_{145}\ \Phi_{35}^2\ \Phi_{29}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
56967	1046	1012	$\frac{17}{506}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{489}{1012}$	$\Phi_{1012}^2\ \Phi_{92}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
56968	1046	1000	$\frac{23}{500}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{477}{1000}$	$\Phi_{1000}^2\ \Phi_{200}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
56969	1046	684	$\frac{1}{19}$	$\frac{10}{171}$	$\frac{161}{684}$	$\frac{9}{19}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{36}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
56970	1046	570	$\frac{1}{19}$	$\frac{47}{570}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{570}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
56971	1046	990	$\frac{28}{495}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{467}{990}$	$\Phi_{990}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{110}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
56972	1046	560	$\frac{2}{35}$	$\frac{37}{560}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
56973	1046	988	$\frac{1}{19}$	$\frac{29}{494}$	$\frac{9}{38}$	$\frac{465}{988}$	$\Phi_{988}^2\ \Phi_{76}^2\ \Phi_{52}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
56974	1046	980	$\frac{2}{35}$	$\frac{33}{490}$	$\frac{1}{5}$	$\frac{457}{980}$	$\Phi_{980}^2\ \Phi_{196}^2\ \Phi_{140}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
56975	1046	975	$\frac{4}{75}$	$\frac{71}{975}$	$\frac{1}{5}$	$\frac{452}{975}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{195}\ \Phi_{75}^2\ \Phi_{65}\ \Phi_{39}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
56976	1046	550	$\frac{27}{550}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{550}^2\ \Phi_{275}^2\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{25}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
56977	1046	968	$\frac{39}{484}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{445}{968}$	$\Phi_{968}^2\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
56978	1046	945	$\frac{4}{105}$	$\frac{101}{945}$	$\frac{1}{5}$	$\frac{422}{945}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}^2\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
56979	1046	608	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{85}{608}$	$\frac{67}{152}$	$\Phi_{608}^2\ \Phi_{304}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{32}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
56980	1046	931	$\frac{1}{19}$	$\frac{115}{931}$	$\frac{18}{133}$	$\frac{408}{931}$	$\Phi_{931}\ \Phi_{133}^2\ \Phi_{49}\ \Phi_{19}\ \Phi_7^2\ \Phi_1^2$
56981	1046	924	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{61}{462}$	$\frac{401}{924}$	$\Phi_{924}^2\ \Phi_{308}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
56982	1046	540	$\frac{17}{540}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
56983	1046	912	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{67}{456}$	$\frac{389}{912}$	$\Phi_{912}^2\ \Phi_{304}^2\ \Phi_{76}^2\ \Phi_{48}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
56984	1046	900	$\frac{2}{75}$	$\frac{73}{450}$	$\frac{1}{5}$	$\frac{377}{900}$	$\Phi_{900}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
56985	1046	880	$\frac{1}{55}$	$\frac{83}{440}$	$\frac{27}{110}$	$\frac{357}{880}$	$\Phi_{880}^2\ \Phi_{176}^2\ \Phi_{110}^2\ \Phi_{80}^2\ \Phi_{55}\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
56986	1046	880	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{83}{440}$	$\frac{357}{880}$	$\Phi_{880}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{80}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
56987	1046	875	$\frac{4}{175}$	$\frac{171}{875}$	$\frac{1}{5}$	$\frac{352}{875}$	$\Phi_{875}\ \Phi_{175}^2\ \Phi_{125}\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
56988	1046	780	$\frac{3}{260}$	$\frac{1}{5}$	$\frac{257}{780}$	$\frac{2}{5}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{60}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
56989	1046	530	$\frac{7}{530}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{530}^2\ \Phi_{265}^2\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_5\ \Phi_1^2$
56990	1046	650	$\frac{3}{130}$	$\frac{127}{650}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{650}^2\ \Phi_{325}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
56991	1046	540	$\frac{17}{540}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
56992	1046	585	$\frac{3}{65}$	$\frac{62}{585}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{117}^2\ \Phi_{45}^2\ \Phi_{39}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
56993	1046	560	$\frac{37}{560}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
56994	1046	855	$\frac{1}{95}$	$\frac{191}{855}$	$\frac{94}{285}$	$\frac{332}{855}$	$\Phi_{855}\ \Phi_{285}^2\ \Phi_{171}\ \Phi_{95}\ \Phi_{57}^2\ \Phi_{45}\ \Phi_{19}\ \Phi_{15}^2\ \Phi_9\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
56995	1046	840	$\frac{2}{105}$	$\frac{1}{5}$	$\frac{103}{420}$	$\frac{317}{840}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
56996	1046	660	$\frac{1}{55}$	$\frac{137}{660}$	$\frac{27}{110}$	$\frac{83}{220}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
56997	1046	760	$\frac{1}{95}$	$\frac{47}{190}$	$\frac{237}{760}$	$\frac{143}{380}$	$\Phi_{760}^2\ \Phi_{190}^2\ \Phi_{152}^2\ \Phi_{95}\ \Phi_{40}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
56998	1046	528	$\frac{5}{528}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
56999	1046	825	$\frac{1}{55}$	$\frac{54}{275}$	$\frac{221}{825}$	$\frac{302}{825}$	$\Phi_{825}\ \Phi_{275}^2\ \Phi_{165}\ \Phi_{75}\ \Phi_{55}\ \Phi_{33}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{11}\ \Phi_5\ \Phi_3\ \Phi_1^2$
57000	1046	798	$\frac{1}{19}$	$\frac{9}{133}$	$\frac{124}{399}$	$\frac{275}{798}$	$\Phi_{798}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{114}^2\ \Phi_{42}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
57001	1046	792	$\frac{5}{132}$	$\frac{1}{11}$	$\frac{127}{396}$	$\frac{269}{792}$	$\Phi_{792}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
57002	1046	786	$\frac{1}{131}$	$\frac{130}{393}$	$\frac{1}{3}$	$\frac{263}{786}$	$\Phi_{786}^2\ \Phi_{393}\ \Phi_{262}^2\ \Phi_6^2\ \Phi_2^2$
57003	1046	780	$\frac{3}{260}$	$\frac{1}{4}$	$\frac{257}{780}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}^2\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57004	1046	624	$\frac{3}{104}$	$\frac{101}{624}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{624}^2\ \Phi_{312}\ \Phi_{208}^2\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57005	1046	540	$\frac{17}{540}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
57006	1046	1716	$\frac{3}{52}$	$\frac{49}{572}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{429}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_{6}$
57007	1046	1680	$\frac{37}{560}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
57008	1046	675	$\frac{2}{75}$	$\frac{1}{5}$	$\frac{152}{675}$	$\frac{73}{225}$	$\Phi_{675}^2\ \Phi_{135}^2\ \Phi_{75}^2\ \Phi_{27}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
57009	1046	630	$\frac{4}{105}$	$\frac{107}{630}$	$\frac{1}{5}$	$\frac{101}{315}$	$\Phi_{630}^2\ \Phi_{315}\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{9}\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^2$
57010	1046	765	$\frac{13}{255}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{242}{765}$	$\Phi_{765}^2\ \Phi_{153}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
57011	1046	750	$\frac{2}{25}$	$\frac{23}{250}$	$\frac{1}{5}$	$\frac{227}{750}$	$\Phi_{750}^2\ \Phi_{375}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
57012	1046	684	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{161}{684}$	$\frac{67}{228}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{36}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
57013	1046	735	$\frac{2}{35}$	$\frac{33}{245}$	$\frac{1}{5}$	$\frac{212}{735}$	$\Phi_{735}^2\ \Phi_{147}^2\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{7}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
57014	1046	594	$\frac{1}{11}$	$\frac{71}{594}$	$\frac{5}{33}$	$\frac{28}{99}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^2$
57015	1046	540	$\frac{17}{540}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{9}\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^2$
57016	1046	690	$\frac{11}{345}$	$\frac{1}{5}$	$\frac{167}{690}$	$\frac{4}{15}$	$\Phi_{690}^2\ \Phi_{345}\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{115}\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{30}^2\ \Phi_{23}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^2$
57017	1046	600	$\frac{2}{25}$	$\frac{77}{600}$	$\frac{1}{5}$	$\frac{23}{100}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
57018	1046	660	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{28}{165}$	$\frac{137}{660}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^2$
57019	1046	625	$\frac{2}{25}$	$\frac{102}{625}$	$\frac{23}{125}$	$\frac{1}{5}$	$\Phi_{625}^2\ \Phi_{25}^2\ \Phi_{5}\ \Phi_{1}^2$
57020	1047	1380	$\frac{4}{345}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{341}{690}$	$\Phi_{1380}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}\ \Phi_{115}\ \Phi_{92}\ \Phi_{69}\ \Phi_{60}\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
57021	1047	420	$\frac{1}{70}$	$\frac{71}{420}$	$\frac{1}{4}$	$\frac{69}{140}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^2\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{35}\ \Phi_{30}^3\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{14}\ \Phi_{12}^3\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}^3\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^3\ \Phi_{1}$
57022	1047	1372	$\frac{6}{343}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{337}{686}$	$\Phi_{1372}\ \Phi_{343}\ \Phi_{196}\ \Phi_{49}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
57023	1047	400	$\frac{1}{50}$	$\frac{51}{400}$	$\frac{1}{4}$	$\frac{49}{100}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^2\ \Phi_{80}^3\ \Phi_{50}\ \Phi_{40}^3\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}\ \Phi_{8}^3\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
57024	1047	680	$\frac{9}{340}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{331}{680}$	$\Phi_{680}^3\ \Phi_{136}^3\ \Phi_{40}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_{8}^3\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
57025	1047	672	$\frac{13}{336}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{323}{672}$	$\Phi_{672}^3\ \Phi_{224}^3\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
57026	1047	364	$\frac{15}{364}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{364}^3\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{52}^3\ \Phi_{28}^2\ \Phi_{26}^3\ \Phi_{14}\ \Phi_{13}^3\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
57027	1047	1300	$\frac{1}{25}$	$\frac{24}{325}$	$\frac{1}{4}$	$\frac{301}{650}$	$\Phi_{1300}\ \Phi_{325}\ \Phi_{260}\ \Phi_{100}^2\ \Phi_{65}\ \Phi_{52}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
57028	1047	360	$\frac{11}{360}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_{9}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^3\ \Phi_{1}$
57029	1047	1260	$\frac{1}{35}$	$\frac{34}{315}$	$\frac{1}{4}$	$\frac{281}{630}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
57030	1047	600	$\frac{1}{50}$	$\frac{49}{300}$	$\frac{1}{4}$	$\frac{251}{600}$	$\Phi_{600}^3\ \Phi_{200}^3\ \Phi_{120}^3\ \Phi_{100}^2\ \Phi_{50}\ \Phi_{40}^3\ \Phi_{25}\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_{8}^3\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
57031	1047	560	$\frac{1}{70}$	$\frac{69}{280}$	$\frac{1}{4}$	$\frac{211}{560}$	$\Phi_{560}^3\ \Phi_{140}^2\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
57032	1047	523	$\frac{4}{523}$	$\frac{173}{523}$	$\frac{174}{523}$	$\frac{175}{523}$	$\Phi_{523}^2\ \Phi_{1}^3$
57033	1047	900	$\frac{1}{50}$	$\frac{101}{450}$	$\frac{1}{4}$	$\frac{49}{150}$	$\Phi_{900}^2\ \Phi_{450}\ \Phi_{225}\ \Phi_{180}^2\ \Phi_{100}^2\ \Phi_{90}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
57034	1047	420	$\frac{1}{35}$	$\frac{71}{420}$	$\frac{1}{4}$	$\frac{34}{105}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^2\ \Phi_{70}^3\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_{7}^3\ \Phi_{6}^2\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
57035	1047	1020	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{161}{510}$	$\Phi_{1020}^2\ \Phi_{510}\ \Phi_{255}\ \Phi_{204}^2\ \Phi_{102}\ \Phi_{60}^2\ \Phi_{51}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
57036	1047	756	$\frac{1}{14}$	$\frac{29}{378}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{756}^2\ \Phi_{378}\ \Phi_{252}^2\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}^2\ \Phi_{63}\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
57037	1047	504	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{1}{4}$	$\frac{155}{504}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{126}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{18}^3\ \Phi_{14}\ \Phi_9^3\ \Phi_7\ \Phi_4\ \Phi_1$
57038	1047	360	$\frac{11}{360}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
57039	1047	460	$\frac{4}{115}$	$\frac{1}{5}$	$\frac{111}{460}$	$\frac{1}{4}$	$\Phi_{460}^2\ \Phi_{230}^2\ \Phi_{115}^3\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
57040	1047	392	$\frac{1}{14}$	$\frac{43}{392}$	$\frac{13}{56}$	$\frac{1}{4}$	$\Phi_{392}^3\ \Phi_{196}^3\ \Phi_{98}^3\ \Phi_{49}^3\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
57041	1047	448	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{99}{448}$	$\frac{1}{4}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
57042	1047	420	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{71}{420}$	$\frac{1}{4}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{14}\ \Phi_{10}^3\ \Phi_7\ \Phi_5^3\ \Phi_4\ \Phi_1$
57043	1047	392	$\frac{43}{392}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{392}^3\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{56}^3\ \Phi_{49}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
57044	1048	261	$\frac{1}{261}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{130}{261}$	$\Phi_{261}^4\ \Phi_{87}^4\ \Phi_{29}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
57045	1048	1047	$\frac{5}{1047}$	$\frac{263}{1047}$	$\frac{392}{1047}$	$\frac{521}{1047}$	$\Phi_{1047}\ \Phi_{349}\ \Phi_3\ \Phi_1^2$
57046	1048	525	$\frac{1}{175}$	$\frac{44}{175}$	$\frac{1}{3}$	$\frac{87}{175}$	$\Phi_{525}^3\ \Phi_{105}^3\ \Phi_{75}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_3^2$
57047	1048	1820	$\frac{1}{130}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{129}{260}$	$\Phi_{1820}\ \Phi_{364}\ \Phi_{260}^2\ \Phi_{140}\ \Phi_{52}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
57048	1048	780	$\frac{1}{130}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{129}{260}$	$\Phi_{780}^4\ \Phi_{156}^4\ \Phi_{60}^4\ \Phi_{15}\ \Phi_{12}^4$
57049	1048	315	$\frac{1}{105}$	$\frac{53}{315}$	$\frac{1}{3}$	$\frac{52}{105}$	$\Phi_{315}^4\ \Phi_{105}^2\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
57050	1048	777	$\frac{3}{259}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{128}{259}$	$\Phi_{777}^2\ \Phi_{111}^2\ \Phi_{21}^3\ \Phi_3^2$
57051	1048	1035	$\frac{13}{1035}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{511}{1035}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}\ \Phi_{115}\ \Phi_{69}\ \Phi_{45}\ \Phi_{23}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
57052	1048	150	$\frac{1}{75}$	$\frac{19}{150}$	$\frac{1}{3}$	$\frac{37}{75}$	$\Phi_{150}^8\ \Phi_{75}^6\ \Phi_{50}^8\ \Phi_{30}^8\ \Phi_{25}^6\ \Phi_{15}^6\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^6\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
57053	1048	774	$\frac{2}{129}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{127}{258}$	$\Phi_{774}^3\ \Phi_{258}^2\ \Phi_{86}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57054	1048	1029	$\frac{19}{1029}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{505}{1029}$	$\Phi_{1029}\ \Phi_{343}\ \Phi_{147}\ \Phi_{49}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
57055	1048	1584	$\frac{1}{44}$	$\frac{1}{9}$	$\frac{45}{176}$	$\frac{43}{88}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{396}\ \Phi_{198}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{48}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
57056	1048	2304	$\frac{3}{128}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{125}{256}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
57057	1048	255	$\frac{7}{255}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{124}{255}$	$\Phi_{255}^4\ \Phi_{85}^4\ \Phi_{51}^4\ \Phi_{17}^4\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
57058	1048	420	$\frac{1}{35}$	$\frac{9}{140}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^2$
57059	1048	252	$\frac{5}{126}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{121}{252}$	$\Phi_{252}^8\ \Phi_{84}^8\ \Phi_{36}^8\ \Phi_{28}^8\ \Phi_{21}^2\ \Phi_{12}^8\ \Phi_7^2\ \Phi_4^8\ \Phi_3\ \Phi_1^2$
57060	1048	252	$\frac{5}{126}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{121}{252}$	$\Phi_{252}^8\ \Phi_{84}^8\ \Phi_{36}^8\ \Phi_{28}^8\ \Phi_{18}^3\ \Phi_{12}^8\ \Phi_9^2\ \Phi_6^2\ \Phi_4^8\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57061	1048	825	$\frac{1}{25}$	$\frac{13}{275}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{825}^2\ \Phi_{165}^2\ \Phi_{75}\ \Phi_{33}^2\ \Phi_{15}$
57062	1048	273	$\frac{11}{273}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{273}^4\ \Phi_{91}^4\ \Phi_{39}^4\ \Phi_{21}^2\ \Phi_{13}^4\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
57063	1048	750	$\frac{1}{25}$	$\frac{6}{125}$	$\frac{1}{3}$	$\frac{119}{250}$	$\Phi_{750}^4\ \Phi_{150}^4\ \Phi_{75}\ \Phi_{30}^4\ \Phi_{15}\ \Phi_6^4$
57064	1048	135	$\frac{4}{135}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{135}^8\ \Phi_{45}^8\ \Phi_{27}^8\ \Phi_{15}^6\ \Phi_9^8\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
57065	1048	735	$\frac{1}{35}$	$\frac{17}{245}$	$\frac{1}{3}$	$\frac{114}{245}$	$\Phi_{735}^2\ \Phi_{147}^2\ \Phi_{105}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_3^2$
57066	1048	975	$\frac{2}{75}$	$\frac{73}{975}$	$\frac{1}{3}$	$\frac{451}{975}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{195}\ \Phi_{75}^2\ \Phi_{65}\ \Phi_{39}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
57067	1048	2178	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{111}{242}$	$\Phi_{2178}\ \Phi_{726}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{18}\ \Phi_6$
57068	1048	144	$\frac{1}{12}$	$\frac{13}{144}$	$\frac{1}{9}$	$\frac{11}{24}$	$\Phi_{144}^8\ \Phi_{72}^5\ \Phi_{48}^8\ \Phi_{36}^8\ \Phi_{24}^6\ \Phi_{18}^8\ \Phi_{16}^8\ \Phi_{12}^8\ \Phi_9^7\ \Phi_8^6\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
57069	1048	720	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{9}$	$\frac{109}{240}$	$\Phi_{720}^3\ \Phi_{240}^2\ \Phi_{144}^3\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57070	1048	945	$\frac{2}{105}$	$\frac{103}{945}$	$\frac{1}{3}$	$\frac{421}{945}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}^2\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
57071	1048	399	$\frac{2}{133}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{399}^4\ \Phi_{57}^4\ \Phi_{21}^3\ \Phi_3^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
57072	1048	1365	$\frac{1}{65}$	$\frac{1}{7}$	$\frac{64}{195}$	$\frac{3}{7}$	$\Phi_{1365}\ \Phi_{273}\ \Phi_{195}^2\ \Phi_{105}\ \Phi_{39}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
57073	1048	945	$\frac{4}{135}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
57074	1048	1092	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{25}{156}$	$\frac{3}{7}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{156}^2\ \Phi_{84}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{42}\ \Phi_{39}^2\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
57075	1048	140	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{140}^8\ \Phi_{70}^7\ \Phi_{35}^7\ \Phi_{28}^8\ \Phi_{20}^8\ \Phi_{14}^7\ \Phi_{10}^6\ \Phi_7^8\ \Phi_5^6\ \Phi_4^8\ \Phi_2^6\ \Phi_1^8$
57076	1048	1001	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1001}\ \Phi_{143}^2\ \Phi_{77}\ \Phi_{11}^2\ \Phi_7\ \Phi_1^2$
57077	1048	225	$\frac{1}{75}$	$\frac{37}{225}$	$\frac{1}{3}$	$\frac{94}{225}$	$\Phi_{225}^4\ \Phi_{75}^6\ \Phi_{45}^4\ \Phi_{25}^6\ \Phi_{15}^6\ \Phi_9^4\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
57078	1048	1980	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{21}{110}$	$\frac{89}{220}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{198}\ \Phi_{180}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{60}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
57079	1048	795	$\frac{3}{265}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{795}^2\ \Phi_{159}^2\ \Phi_{15}$
57080	1048	210	$\frac{1}{105}$	$\frac{26}{105}$	$\frac{1}{3}$	$\frac{79}{210}$	$\Phi_{210}^8\ \Phi_{105}^2\ \Phi_{70}^8\ \Phi_{42}^8\ \Phi_{35}^2\ \Phi_{30}^8\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_7^2\ \Phi_6^8\ \Phi_5^2\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
57081	1048	1224	$\frac{5}{136}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{51}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
57082	1048	198	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{32}{99}$	$\frac{67}{198}$	$\Phi_{198}^8\ \Phi_{99}^3\ \Phi_{66}^8\ \Phi_{33}^2\ \Phi_{22}^8\ \Phi_{18}^8\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
57083	1048	132	$\frac{1}{132}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{132}^8\ \Phi_{66}^8\ \Phi_{44}^8\ \Phi_{33}^8\ \Phi_{22}^8\ \Phi_{12}^8\ \Phi_{11}^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
57084	1048	783	$\frac{2}{261}$	$\frac{259}{783}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{783}^2\ \Phi_{27}^2\ \Phi_3\ \Phi_1^2$
57085	1048	174	$\frac{1}{87}$	$\frac{43}{174}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{174}^8\ \Phi_{87}^4\ \Phi_{58}^8\ \Phi_{29}^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
57086	1048	531	$\frac{7}{531}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{531}^2\ \Phi_{177}^2\ \Phi_{59}^2\ \Phi_3\ \Phi_1^2$
57087	1048	609	$\frac{2}{87}$	$\frac{85}{609}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{609}^2\ \Phi_{203}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
57088	1048	135	$\frac{4}{135}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{135}^8\ \Phi_{45}^8\ \Phi_{27}^8\ \Phi_{15}^8\ \Phi_9^4\ \Phi_5^8\ \Phi_3^5\ \Phi_1^6$
57089	1048	435	$\frac{1}{29}$	$\frac{14}{145}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{435}^2\ \Phi_{145}^4\ \Phi_{87}\ \Phi_{29}^2\ \Phi_{15}^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
57090	1048	675	$\frac{1}{75}$	$\frac{151}{675}$	$\frac{74}{225}$	$\frac{1}{3}$	$\Phi_{675}^2\ \Phi_{135}^2\ \Phi_{75}^2\ \Phi_{27}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
57091	1048	195	$\frac{1}{65}$	$\frac{1}{5}$	$\frac{64}{195}$	$\frac{1}{3}$	$\Phi_{195}^4\ \Phi_{65}^8\ \Phi_{39}^4\ \Phi_{15}^5\ \Phi_{13}^8\ \Phi_5^8\ \Phi_3^4\ \Phi_1^8$
57092	1048	315	$\frac{2}{105}$	$\frac{53}{315}$	$\frac{103}{315}$	$\frac{1}{3}$	$\Phi_{315}^3\ \Phi_{105}^4\ \Phi_{63}^3\ \Phi_{45}^3\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_9^3\ \Phi_7^4\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
57093	1048	777	$\frac{6}{259}$	$\frac{1}{7}$	$\frac{253}{777}$	$\frac{1}{3}$	$\Phi_{777}\ \Phi_{259}^2\ \Phi_{111}\ \Phi_{37}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
57094	1048	567	$\frac{1}{21}$	$\frac{43}{567}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{567}^2\ \Phi_{189}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
57095	1048	765	$\frac{14}{255}$	$\frac{1}{15}$	$\frac{241}{765}$	$\frac{1}{3}$	$\Phi_{765}^2\ \Phi_{153}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
57096	1048	189	$\frac{1}{21}$	$\frac{5}{63}$	$\frac{58}{189}$	$\frac{1}{3}$	$\Phi_{189}^8\ \Phi_{27}^8\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
57097	1048	375	$\frac{1}{25}$	$\frac{12}{125}$	$\frac{113}{375}$	$\frac{1}{3}$	$\Phi_{375}^2\ \Phi_{125}^4\ \Phi_{75}^3\ \Phi_{25}^4\ \Phi_{15}^3\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
57098	1048	135	$\frac{4}{135}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{135}^8\ \Phi_{45}^7\ \Phi_{27}^8\ \Phi_{15}^8\ \Phi_9^7\ \Phi_5^8\ \Phi_3^7\ \Phi_1^8$
57099	1048	735	$\frac{1}{35}$	$\frac{34}{245}$	$\frac{211}{735}$	$\frac{1}{3}$	$\Phi_{735}\ \Phi_{245}^2\ \Phi_{147}\ \Phi_{105}^2\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
57100	1048	525	$\frac{3}{175}$	$\frac{43}{175}$	$\frac{44}{175}$	$\frac{1}{3}$	$\Phi_{525}^3\ \Phi_{105}^3\ \Phi_{75}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_3^2$
57101	1048	345	$\frac{13}{345}$	$\frac{2}{15}$	$\frac{83}{345}$	$\frac{1}{3}$	$\Phi_{345}^3\ \Phi_{115}^3\ \Phi_{69}^3\ \Phi_{23}^3\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
57102	1048	150	$\frac{1}{25}$	$\frac{19}{150}$	$\frac{6}{25}$	$\frac{1}{3}$	$\Phi_{150}^8\ \Phi_{75}^5\ \Phi_{50}^8\ \Phi_{30}^8\ \Phi_{25}^8\ \Phi_{15}^5\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
57103	1048	147	$\frac{1}{21}$	$\frac{16}{147}$	$\frac{5}{21}$	$\frac{1}{3}$	$\Phi_{147}^8\ \Phi_{49}^8\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
57104	1048	168	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{37}{168}$	$\frac{1}{3}$	$\Phi_{168}^8\ \Phi_{84}^8\ \Phi_{56}^8\ \Phi_{28}^8\ \Phi_{24}^8\ \Phi_{21}^2\ \Phi_{12}^8\ \Phi_8^8\ \Phi_7^2\ \Phi_4^8\ \Phi_3\ \Phi_1^2$
57105	1048	135	$\frac{4}{135}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{135}^8\ \Phi_{45}^8\ \Phi_{27}^8\ \Phi_{15}^5\ \Phi_9^8\ \Phi_5^8\ \Phi_3^4\ \Phi_1^8$
57106	1048	975	$\frac{2}{65}$	$\frac{63}{325}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{975}^2\ \Phi_{75}^2\ \Phi_{15}$
57107	1048	780	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
57108	1048	585	$\frac{4}{65}$	$\frac{61}{585}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{585}^2\ \Phi_{195}\ \Phi_{117}^2\ \Phi_{65}^2\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
57109	1048	420	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{15}\ \Phi_{12}^4$
57110	1048	2145	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{165}\ \Phi_{15}$
57111	1048	1875	$\frac{1}{25}$	$\frac{101}{625}$	$\frac{24}{125}$	$\frac{1}{3}$	$\Phi_{1875}\ \Phi_{75}\ \Phi_{15}$
57112	1048	315	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{53}{315}$	$\frac{1}{3}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{45}^4\ \Phi_{35}^4\ \Phi_{21}^2\ \Phi_{15}^4\ \Phi_7^2\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
57113	1048	147	$\frac{2}{21}$	$\frac{16}{147}$	$\frac{19}{147}$	$\frac{1}{3}$	$\Phi_{147}^7\ \Phi_{49}^7\ \Phi_{21}^8\ \Phi_7^8\ \Phi_3^7\ \Phi_1^8$
57114	1048	576	$\frac{3}{64}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{61}{192}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}\ \Phi_{144}^2\ \Phi_{96}\ \Phi_{72}^2\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{36}^3\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57115	1048	144	$\frac{13}{144}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{144}^8\ \Phi_{72}^8\ \Phi_{48}^8\ \Phi_{36}^8\ \Phi_{24}^8\ \Phi_{18}^3\ \Phi_{16}^8\ \Phi_{12}^8\ \Phi_9^2\ \Phi_8^8\ \Phi_6^2\ \Phi_4^8\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57116	1048	180	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{60}$	$\frac{49}{180}$	$\Phi_{180}^5\ \Phi_{90}^5\ \Phi_{60}^6\ \Phi_{45}^5\ \Phi_{36}^8\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{18}^8\ \Phi_{15}^6\ \Phi_{12}^8\ \Phi_{10}^6\ \Phi_9^7\ \Phi_6^8\ \Phi_5^6\ \Phi_4^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
57117	1048	349	$\frac{9}{349}$	$\frac{85}{349}$	$\frac{87}{349}$	$\frac{88}{349}$	$\Phi_{349}^3\ \Phi_1^4$
57118	1048	144	$\frac{13}{144}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{144}^7\ \Phi_{72}^7\ \Phi_{48}^7\ \Phi_{36}^8\ \Phi_{24}^7\ \Phi_{18}^8\ \Phi_{16}^8\ \Phi_{12}^8\ \Phi_9^7\ \Phi_8^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
57119	1048	1440	$\frac{3}{32}$	$\frac{1}{9}$	$\frac{29}{160}$	$\frac{1}{4}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
57120	1048	504	$\frac{1}{9}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{168}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{72}^3\ \Phi_{56}^2\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57121	1049	2080	$\frac{9}{1040}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1031}{2080}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{160}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
57122	1049	2064	$\frac{17}{1032}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1015}{2064}$	$\Phi_{2064}\ \Phi_{688}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
57123	1049	1408	$\frac{7}{352}$	$\frac{1}{8}$	$\frac{359}{1408}$	$\frac{345}{704}$	$\Phi_{1408}\ \Phi_{352}\ \Phi_{176}\ \Phi_{128}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
57124	1049	2048	$\frac{25}{1024}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{999}{2048}$	$\Phi_{2048}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
57125	1049	2016	$\frac{41}{1008}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{967}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
57126	1049	1152	$\frac{7}{96}$	$\frac{103}{1152}$	$\frac{1}{8}$	$\frac{89}{192}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
57127	1049	1936	$\frac{7}{88}$	$\frac{81}{968}$	$\frac{1}{8}$	$\frac{887}{1936}$	$\Phi_{1936}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
57128	1049	1920	$\frac{7}{96}$	$\frac{89}{960}$	$\frac{1}{8}$	$\frac{871}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
57129	1049	1248	$\frac{9}{208}$	$\frac{1}{8}$	$\frac{199}{1248}$	$\frac{7}{16}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
57130	1049	1120	$\frac{71}{1120}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
57131	1049	1760	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{169}{880}$	$\frac{711}{1760}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
57132	1049	1088	$\frac{39}{1088}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{1088}\ \Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
57133	1049	1584	$\frac{7}{264}$	$\frac{1}{8}$	$\frac{257}{792}$	$\frac{535}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
57134	1049	1572	$\frac{1}{131}$	$\frac{130}{393}$	$\frac{523}{1572}$	$\frac{263}{786}$	$\Phi_{1572}\ \Phi_{524}\ \Phi_{393}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
57135	1049	1536	$\frac{25}{512}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{487}{1536}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
57136	1049	1152	$\frac{103}{1152}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{144}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
57137	1049	1440	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{480}$	$\frac{391}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
57138	1049	1344	$\frac{41}{336}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{295}{1344}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
57139	1049	1152	$\frac{103}{1152}$	$\frac{1}{8}$	$\frac{25}{128}$	$\frac{7}{32}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
57140	1049	1280	$\frac{25}{256}$	$\frac{1}{8}$	$\frac{231}{1280}$	$\frac{7}{32}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
57141	1050	1672	$\frac{1}{209}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{104}{209}$	$\Phi_{1672}\ \Phi_{209}\ \Phi_{152}\ \Phi_{88}\ \Phi_{19}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
57142	1050	1740	$\frac{1}{174}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{173}{348}$	$\Phi_{1740}\ \Phi_{580}\ \Phi_{348}^2\ \Phi_{116}^2\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
57143	1050	348	$\frac{1}{174}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{173}{348}$	$\Phi_{348}^2\ \Phi_{174}^4\ \Phi_{116}^2\ \Phi_{87}^4\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_{12}^3\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
57144	1050	1788	$\frac{1}{149}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{74}{149}$	$\Phi_{1788}\ \Phi_{596}\ \Phi_{149}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
57145	1050	1341	$\frac{1}{149}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{74}{149}$	$\Phi_{1341}\ \Phi_{149}\ \Phi_9^2\ \Phi_1^2$
57146	1050	468	$\frac{1}{117}$	$\frac{1}{4}$	$\frac{59}{234}$	$\frac{58}{117}$	$\Phi_{468}^3\ \Phi_{234}\ \Phi_{156}^3\ \Phi_{117}^2\ \Phi_{78}\ \Phi_{52}^3\ \Phi_{39}^2\ \Phi_{36}^3\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
57147	1050	1872	$\frac{1}{104}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{103}{208}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}^2\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
57148	1050	624	$\frac{1}{104}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{103}{208}$	$\Phi_{624}^3\ \Phi_{208}^4\ \Phi_{48}^3\ \Phi_{16}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57149	1050	1924	$\frac{1}{74}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{73}{148}$	$\Phi_{1924}\ \Phi_{148}^2\ \Phi_{52}\ \Phi_{13}\ \Phi_4^2\ \Phi_1^2$
57150	1050	888	$\frac{1}{74}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{73}{148}$	$\Phi_{888}^2\ \Phi_{444}\ \Phi_{222}^2\ \Phi_{111}^2\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
57151	1050	1932	$\frac{1}{69}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{34}{69}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{276}\ \Phi_{92}\ \Phi_{84}\ \Phi_{69}\ \Phi_{28}^2\ \Phi_{23}\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
57152	1050	483	$\frac{1}{69}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{34}{69}$	$\Phi_{483}^2\ \Phi_{161}^2\ \Phi_{69}^3\ \Phi_{23}^3\ \Phi_{21}^2\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
57153	1050	276	$\frac{1}{69}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{34}{69}$	$\Phi_{276}^5\ \Phi_{138}^2\ \Phi_{92}^5\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{23}^3\ \Phi_{12}^7\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
57154	1050	2408	$\frac{3}{172}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{169}{344}$	$\Phi_{2408}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
57155	1050	1049	$\frac{21}{1049}$	$\frac{107}{1049}$	$\frac{314}{1049}$	$\frac{514}{1049}$	$\Phi_{1049}\ \Phi_1^2$
57156	1050	1960	$\frac{1}{49}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{24}{49}$	$\Phi_{1960}\ \Phi_{392}\ \Phi_{280}\ \Phi_{56}\ \Phi_{49}\ \Phi_{40}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
57157	1050	490	$\frac{1}{49}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{24}{49}$	$\Phi_{490}^2\ \Phi_{245}^2\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{49}^3\ \Phi_{35}^2\ \Phi_{14}^2\ \Phi_{10}^4\ \Phi_7^3\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
57158	1050	392	$\frac{1}{49}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{24}{49}$	$\Phi_{392}^3\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{56}^3\ \Phi_{49}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^6\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
57159	1050	1225	$\frac{1}{49}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{24}{49}$	$\Phi_{1225}\ \Phi_{175}\ \Phi_{49}\ \Phi_{25}^2\ \Phi_7\ \Phi_1^2$
57160	1050	684	$\frac{4}{171}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{167}{342}$	$\Phi_{684}^2\ \Phi_{228}^2\ \Phi_{171}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{36}^3\ \Phi_{19}^2\ \Phi_{18}\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
57161	1050	1266	$\frac{5}{211}$	$\frac{1}{6}$	$\frac{36}{211}$	$\frac{103}{211}$	$\Phi_{1266}\ \Phi_{633}\ \Phi_{422}$
57162	1050	1049	$\frac{25}{1049}$	$\frac{174}{1049}$	$\frac{179}{1049}$	$\frac{512}{1049}$	$\Phi_{1049}\ \Phi_1^2$
57163	1050	1968	$\frac{1}{41}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{20}{41}$	$\Phi_{1968}\ \Phi_{656}\ \Phi_{48}^2\ \Phi_{41}\ \Phi_{16}^2\ \Phi_1^2$
57164	1050	1107	$\frac{1}{41}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{1107}\ \Phi_{369}\ \Phi_{41}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_1^2$
57165	1050	1476	$\frac{1}{41}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{20}{41}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{369}\ \Phi_{41}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
57166	1050	1148	$\frac{1}{41}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{20}{41}$	$\Phi_{1148}\ \Phi_{574}\ \Phi_{287}\ \Phi_{41}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
57167	1050	1312	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{20}{41}$	$\Phi_{1312}\ \Phi_{656}\ \Phi_{41}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_1^2$
57168	1050	246	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{20}{41}$	$\Phi_{246}^4\ \Phi_{123}^4\ \Phi_{82}^4\ \Phi_{41}^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
57169	1050	156	$\frac{1}{39}$	$\frac{4}{39}$	$\frac{1}{4}$	$\frac{19}{39}$	$\Phi_{156}^9\ \Phi_{78}^9\ \Phi_{52}^9\ \Phi_{26}^9\ \Phi_{12}^9\ \Phi_6^9\ \Phi_4^8\ \Phi_2^8$
57170	1050	1049	$\frac{29}{1049}$	$\frac{77}{1049}$	$\frac{324}{1049}$	$\frac{510}{1049}$	$\Phi_{1049}\ \Phi_1^2$
57171	1050	1972	$\frac{1}{34}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{33}{68}$	$\Phi_{1972}\ \Phi_{116}\ \Phi_{68}^2\ \Phi_{29}\ \Phi_4^2\ \Phi_1^2$
57172	1050	816	$\frac{1}{34}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{204}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
57173	1050	1972	$\frac{1}{34}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{33}{68}$	$\Phi_{1972}\ \Phi_{116}\ \Phi_{68}^2\ \Phi_{29}\ \Phi_4^2\ \Phi_1^2$
57174	1050	748	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{748}\ \Phi_{374}^2\ \Phi_{187}^2\ \Phi_{44}^2\ \Phi_{22}^3\ \Phi_{11}^2$
57175	1050	1972	$\frac{1}{34}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{33}{68}$	$\Phi_{1972}\ \Phi_{116}\ \Phi_{68}^2\ \Phi_{29}\ \Phi_4^2\ \Phi_1^2$
57176	1050	1428	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{33}{68}$	$\Phi_{1428}^2\ \Phi_{476}\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
57177	1050	1208	$\frac{5}{151}$	$\frac{1}{8}$	$\frac{26}{151}$	$\frac{73}{151}$	$\Phi_{1208}\ \Phi_{604}\ \Phi_{302}$
57178	1050	1479	$\frac{1}{29}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{14}{29}$	$\Phi_{1479}\ \Phi_{87}\ \Phi_{51}^2\ \Phi_{29}\ \Phi_3^2\ \Phi_1^2$
57179	1050	493	$\frac{1}{29}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{14}{29}$	$\Phi_{493}^2\ \Phi_{29}^3\ \Phi_{17}^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
57180	1050	696	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{14}{29}$	$\Phi_{696}^{2}\ \Phi_{348}^{2}\ \Phi_{232}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{29}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
57181	1050	1049	$\frac{37}{1049}$	$\frac{124}{1049}$	$\frac{181}{1049}$	$\frac{506}{1049}$	$\Phi_{1049}\ \Phi_{1}^{2}$
57182	1050	676	$\frac{6}{169}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{163}{338}$	$\Phi_{676}^{2}\ \Phi_{169}^{2}\ \Phi_{52}^{3}\ \Phi_{26}\ \Phi_{13}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
57183	1050	108	$\frac{1}{27}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{108}^{13}\ \Phi_{54}^{13}\ \Phi_{36}^{13}\ \Phi_{18}^{13}\ \Phi_{12}^{13}\ \Phi_{6}^{13}\ \Phi_{4}^{12}\ \Phi_{2}^{12}$
57184	1050	1049	$\frac{41}{1049}$	$\frac{109}{1049}$	$\frac{188}{1049}$	$\frac{504}{1049}$	$\Phi_{1049}\ \Phi_{1}^{2}$
57185	1050	528	$\frac{1}{24}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{528}^{4}\ \Phi_{176}^{4}\ \Phi_{66}\ \Phi_{48}^{2}\ \Phi_{33}\ \Phi_{16}^{2}\ \Phi_{6}$
57186	1050	1968	$\frac{1}{24}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{23}{48}$	$\Phi_{1968}\ \Phi_{656}\ \Phi_{48}^{2}\ \Phi_{41}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
57187	1050	240	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{240}^{9}\ \Phi_{80}^{9}\ \Phi_{60}\ \Phi_{48}^{6}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}^{6}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
57188	1050	1968	$\frac{1}{24}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{23}{48}$	$\Phi_{1968}\ \Phi_{656}\ \Phi_{48}^{2}\ \Phi_{41}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
57189	1050	336	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{23}{48}$	$\Phi_{336}^{7}\ \Phi_{112}^{7}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
57190	1050	1266	$\frac{9}{211}$	$\frac{22}{211}$	$\frac{1}{6}$	$\frac{101}{211}$	$\Phi_{1266}\ \Phi_{633}\ \Phi_{422}$
57191	1050	1560	$\frac{1}{26}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{1560}^{2}\ \Phi_{312}^{2}\ \Phi_{120}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_{6}$
57192	1050	1960	$\frac{1}{20}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{19}{40}$	$\Phi_{1960}\ \Phi_{392}\ \Phi_{280}\ \Phi_{56}\ \Phi_{49}\ \Phi_{40}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
57193	1050	1320	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{1320}^{2}\ \Phi_{440}\ \Phi_{264}^{2}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
57194	1050	280	$\frac{1}{20}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{19}{40}$	$\Phi_{280}^{7}\ \Phi_{56}^{7}\ \Phi_{40}^{8}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{8}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
57195	1050	1049	$\frac{57}{1049}$	$\frac{79}{1049}$	$\frac{194}{1049}$	$\frac{496}{1049}$	$\Phi_{1049}\ \Phi_{1}^{2}$
57196	1050	1049	$\frac{61}{1049}$	$\frac{111}{1049}$	$\frac{134}{1049}$	$\frac{494}{1049}$	$\Phi_{1049}\ \Phi_{1}^{2}$
57197	1050	374	$\frac{1}{22}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{374}^{3}\ \Phi_{187}^{3}\ \Phi_{34}\ \Phi_{22}^{2}\ \Phi_{17}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
57198	1050	1208	$\frac{9}{151}$	$\frac{16}{151}$	$\frac{1}{8}$	$\frac{71}{151}$	$\Phi_{1208}\ \Phi_{604}\ \Phi_{302}$
57199	1050	2046	$\frac{1}{31}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{2046}\ \Phi_{682}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
57200	1050	462	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{31}{66}$	$\Phi_{462}^{5}\ \Phi_{154}^{5}\ \Phi_{77}\ \Phi_{42}^{5}\ \Phi_{14}^{5}$
57201	1050	1266	$\frac{13}{211}$	$\frac{16}{211}$	$\frac{1}{6}$	$\frac{99}{211}$	$\Phi_{1266}\ \Phi_{633}\ \Phi_{422}$
57202	1050	1344	$\frac{1}{16}$	$\frac{17}{192}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
57203	1050	252	$\frac{1}{36}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{252}^{4}\ \Phi_{126}^{4}\ \Phi_{84}^{3}\ \Phi_{63}^{4}\ \Phi_{42}^{4}\ \Phi_{36}^{6}\ \Phi_{28}^{4}\ \Phi_{21}^{4}\ \Phi_{18}^{6}\ \Phi_{14}^{4}\ \Phi_{12}^{5}\ \Phi_{9}^{6}\ \Phi_{7}^{4}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
57204	1050	644	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{11}{46}$	$\frac{13}{28}$	$\Phi_{644}^{3}\ \Phi_{92}^{3}\ \Phi_{46}^{2}\ \Phi_{28}^{4}\ \Phi_{23}\ \Phi_{4}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
57205	1050	1932	$\frac{4}{69}$	$\frac{1}{14}$	$\frac{13}{69}$	$\frac{13}{28}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{276}\ \Phi_{92}\ \Phi_{84}\ \Phi_{69}\ \Phi_{28}^{2}\ \Phi_{23}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
57206	1050	420	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{420}^{5}\ \Phi_{140}^{5}\ \Phi_{84}^{3}\ \Phi_{60}^{5}\ \Phi_{30}^{3}\ \Phi_{28}^{4}\ \Phi_{20}^{5}\ \Phi_{15}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
57207	1050	644	$\frac{1}{14}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{13}{28}$	$\Phi_{644}^{3}\ \Phi_{92}^{3}\ \Phi_{28}^{4}\ \Phi_{23}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
57208	1050	616	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{13}{28}$	$\Phi_{616}^{2}\ \Phi_{308}\ \Phi_{154}^{2}\ \Phi_{88}^{3}\ \Phi_{77}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{3}\ \Phi_{11}^{2}$
57209	1050	481	$\frac{1}{37}$	$\frac{1}{13}$	$\frac{12}{37}$	$\frac{6}{13}$	$\Phi_{481}^{2}\ \Phi_{37}^{4}\ \Phi_{13}^{3}\ \Phi_{1}^{6}$
57210	1050	52	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{52}^{27}\ \Phi_{26}^{13}\ \Phi_{13}^{14}\ \Phi_{4}^{26}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
57211	1050	481	$\frac{2}{37}$	$\frac{1}{13}$	$\frac{7}{37}$	$\frac{6}{13}$	$\Phi_{481}^{2}\ \Phi_{37}^{4}\ \Phi_{13}^{3}\ \Phi_{1}^{6}$
57212	1050	624	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{624}^{2}\ \Phi_{312}^{2}\ \Phi_{208}\ \Phi_{156}^{2}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}^{4}\ \Phi_{39}\ \Phi_{24}^{4}\ \Phi_{16}^{2}\ \Phi_{13}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
57213	1050	324	$\frac{1}{27}$	$\frac{13}{162}$	$\frac{1}{4}$	$\frac{149}{324}$	$\Phi_{324}^{2}\ \Phi_{162}^{4}\ \Phi_{108}^{3}\ \Phi_{81}^{4}\ \Phi_{54}^{5}\ \Phi_{36}^{3}\ \Phi_{27}^{4}\ \Phi_{18}^{5}\ \Phi_{12}^{3}\ \Phi_{9}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
57214	1050	1488	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{1488}\ \Phi_{496}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}$
57215	1050	1984	$\frac{1}{31}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{1984}\ \Phi_{124}\ \Phi_{62}$
57216	1050	448	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{7}$	$\frac{29}{64}$	$\Phi_{448}^{5}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
57217	1050	1049	$\frac{23}{1049}$	$\frac{101}{1049}$	$\frac{342}{1049}$	$\frac{474}{1049}$	$\Phi_{1049}\ \Phi_1^2$
57218	1050	468	$\frac{1}{52}$	$\frac{1}{9}$	$\frac{17}{52}$	$\frac{4}{9}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{52}^4\ \Phi_{39}^2\ \Phi_{36}^2\ \Phi_{26}^4\ \Phi_{18}^2\ \Phi_{13}^4\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
57219	1050	36	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{36}^{29}\ \Phi_{18}^{29}\ \Phi_{12}^{29}\ \Phi_9^{30}\ \Phi_6^{29}\ \Phi_4^{28}\ \Phi_3^{30}\ \Phi_2^{28}\ \Phi_1^{30}$
57220	1050	234	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{5}{26}$	$\frac{4}{9}$	$\Phi_{234}^4\ \Phi_{117}^4\ \Phi_{78}^4\ \Phi_{39}^4\ \Phi_{26}^8\ \Phi_{18}^4\ \Phi_{13}^8\ \Phi_9^5\ \Phi_6^4\ \Phi_3^5\ \Phi_2^8\ \Phi_1^{10}$
57221	1050	198	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{198}^5\ \Phi_{99}^5\ \Phi_{66}^7\ \Phi_{33}^7\ \Phi_{22}^6\ \Phi_{18}^2\ \Phi_{11}^6\ \Phi_9^3\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
57222	1050	468	$\frac{3}{52}$	$\frac{1}{9}$	$\frac{7}{52}$	$\frac{4}{9}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{52}^4\ \Phi_{39}^2\ \Phi_{36}^2\ \Phi_{26}^4\ \Phi_{18}^2\ \Phi_{13}^4\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
57223	1050	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{144}^7\ \Phi_{72}^6\ \Phi_{48}^7\ \Phi_{36}^6\ \Phi_{24}^6\ \Phi_{18}^6\ \Phi_{16}^{14}\ \Phi_{12}^6\ \Phi_9^7\ \Phi_8^{12}\ \Phi_6^6\ \Phi_4^{12}\ \Phi_3^7\ \Phi_2^{12}\ \Phi_1^{14}$
57224	1050	117	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{117}^8\ \Phi_{39}^{11}\ \Phi_{13}^{10}\ \Phi_9^9\ \Phi_3^{12}\ \Phi_1^{12}$
57225	1050	1049	$\frac{39}{1049}$	$\frac{121}{1049}$	$\frac{202}{1049}$	$\frac{464}{1049}$	$\Phi_{1049}\ \Phi_1^2$
57226	1050	1118	$\frac{1}{26}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{1118}\ \Phi_{559}\ \Phi_{86}$
57227	1050	312	$\frac{1}{39}$	$\frac{19}{156}$	$\frac{1}{4}$	$\frac{137}{312}$	$\Phi_{312}^6\ \Phi_{156}\ \Phi_{104}^6\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}\ \Phi_{24}^6\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
57228	1050	1136	$\frac{1}{16}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{31}{71}$	$\Phi_{1136}\ \Phi_{568}\ \Phi_{284}\ \Phi_{142}$
57229	1050	1049	$\frac{17}{1049}$	$\frac{141}{1049}$	$\frac{344}{1049}$	$\frac{454}{1049}$	$\Phi_{1049}\ \Phi_1^2$
57230	1050	1049	$\frac{62}{1049}$	$\frac{119}{1049}$	$\frac{141}{1049}$	$\frac{454}{1049}$	$\Phi_{1049}\ \Phi_1^2$
57231	1050	308	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{1}{7}$	$\frac{19}{44}$	$\Phi_{308}^7\ \Phi_{154}\ \Phi_{77}\ \Phi_{28}^7\ \Phi_{14}$
57232	1050	1266	$\frac{8}{211}$	$\frac{29}{211}$	$\frac{1}{6}$	$\frac{91}{211}$	$\Phi_{1266}\ \Phi_{633}\ \Phi_{422}$
57233	1050	1049	$\frac{34}{1049}$	$\frac{145}{1049}$	$\frac{199}{1049}$	$\frac{452}{1049}$	$\Phi_{1049}\ \Phi_1^2$
57234	1050	1404	$\frac{8}{351}$	$\frac{49}{351}$	$\frac{1}{4}$	$\frac{151}{351}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{108}\ \Phi_{78}\ \Phi_{54}\ \Phi_{52}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
57235	1050	1049	$\frac{29}{1049}$	$\frac{169}{1049}$	$\frac{204}{1049}$	$\frac{440}{1049}$	$\Phi_{1049}\ \Phi_1^2$
57236	1050	1116	$\frac{1}{36}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{1116}\ \Phi_{558}\ \Phi_{372}\ \Phi_{279}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}$
57237	1050	228	$\frac{1}{76}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{228}^5\ \Phi_{114}^5\ \Phi_{76}^4\ \Phi_{57}^5\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{12}^3\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
57238	1050	1788	$\frac{2}{149}$	$\frac{1}{6}$	$\frac{49}{149}$	$\frac{5}{12}$	$\Phi_{1788}\ \Phi_{596}\ \Phi_{149}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
57239	1050	204	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{204}^4\ \Phi_{102}^7\ \Phi_{68}^4\ \Phi_{51}^6\ \Phi_{34}^7\ \Phi_{17}^6\ \Phi_{12}^3\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
57240	1050	1788	$\frac{4}{149}$	$\frac{1}{6}$	$\frac{29}{149}$	$\frac{5}{12}$	$\Phi_{1788}\ \Phi_{596}\ \Phi_{149}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
57241	1050	372	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{372}^5\ \Phi_{186}\ \Phi_{124}^5\ \Phi_{93}\ \Phi_{62}$
57242	1050	1788	$\frac{5}{149}$	$\frac{24}{149}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1788}\ \Phi_{596}\ \Phi_{149}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
57243	1050	1092	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1092}^2\ \Phi_{364}^2\ \Phi_{182}\ \Phi_{91}\ \Phi_{84}\ \Phi_{28}\ \Phi_{14}$
57244	1050	1788	$\frac{9}{149}$	$\frac{14}{149}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1788}\ \Phi_{596}\ \Phi_{149}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
57245	1050	528	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^3\ \Phi_{132}\ \Phi_{88}^3\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{11}^2$
57246	1050	1049	$\frac{41}{1049}$	$\frac{144}{1049}$	$\frac{181}{1049}$	$\frac{434}{1049}$	$\Phi_{1049}\ \Phi_1^2$
57247	1050	374	$\frac{1}{22}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{374}^3\ \Phi_{187}^3\ \Phi_{34}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_2^2$
57248	1050	1136	$\frac{1}{16}$	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{29}{71}$	$\Phi_{1136}\ \Phi_{568}\ \Phi_{284}\ \Phi_{142}$
57249	1050	1049	$\frac{64}{1049}$	$\frac{89}{1049}$	$\frac{197}{1049}$	$\frac{426}{1049}$	$\Phi_{1049}\ \Phi_1^2$
57250	1050	1049	$\frac{44}{1049}$	$\frac{125}{1049}$	$\frac{201}{1049}$	$\frac{424}{1049}$	$\Phi_{1049}\ \Phi_1^2$
57251	1050	1208	$\frac{6}{151}$	$\frac{1}{8}$	$\frac{29}{151}$	$\frac{61}{151}$	$\Phi_{1208}\ \Phi_{604}\ \Phi_{302}$
57252	1050	1266	$\frac{6}{211}$	$\frac{1}{6}$	$\frac{41}{211}$	$\frac{85}{211}$	$\Phi_{1266}\ \Phi_{633}\ \Phi_{422}$
57253	1050	1049	$\frac{24}{1049}$	$\frac{205}{1049}$	$\frac{209}{1049}$	$\frac{422}{1049}$	$\Phi_{1049}\ \Phi_1^2$
57254	1050	468	$\frac{2}{117}$	$\frac{23}{117}$	$\frac{1}{4}$	$\frac{47}{117}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{36}^3\ \Phi_{26}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
57255	1050	885	$\frac{2}{177}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{885}\ \Phi_{295}\ \Phi_{177}^2\ \Phi_{59}^2\ \Phi_5\ \Phi_1^2$
57256	1050	1305	$\frac{1}{87}$	$\frac{1}{5}$	$\frac{86}{261}$	$\frac{2}{5}$	$\Phi_{1305}\ \Phi_{261}^2\ \Phi_{45}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
57257	1050	380	$\frac{1}{76}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{380}^3\ \Phi_{190}^3\ \Phi_{95}^3\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{20}^3\ \Phi_{19}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
57258	1050	1160	$\frac{1}{58}$	$\frac{1}{5}$	$\frac{57}{232}$	$\frac{2}{5}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{232}^2\ \Phi_{116}^2\ \Phi_{40}\ \Phi_{20}\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
57259	1050	435	$\frac{2}{87}$	$\frac{17}{87}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{435}^2\ \Phi_{145}^2\ \Phi_{87}^4\ \Phi_{29}^4\ \Phi_{15}^2\ \Phi_5^3\ \Phi_3^4\ \Phi_1^6$
57260	1050	180	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{180}^5\ \Phi_{90}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{36}^{10}\ \Phi_{30}^4\ \Phi_{20}^5\ \Phi_{18}^{10}\ \Phi_{15}^4\ \Phi_{12}^{10}\ \Phi_{10}^4\ \Phi_9^{10}\ \Phi_6^8\ \Phi_5^5\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
57261	1050	145	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{145}^6\ \Phi_{29}^{12}\ \Phi_5^7\ \Phi_1^{14}$
57262	1050	520	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{520}^2\ \Phi_{260}^2\ \Phi_{130}\ \Phi_{104}^4\ \Phi_{65}\ \Phi_{52}^4\ \Phi_{40}\ \Phi_{26}^2\ \Phi_{20}\ \Phi_{13}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
57263	1050	1272	$\frac{1}{106}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1272}^2\ \Phi_{318}\ \Phi_{159}\ \Phi_{24}\ \Phi_6$
57264	1050	1672	$\frac{2}{209}$	$\frac{1}{4}$	$\frac{69}{209}$	$\frac{3}{8}$	$\Phi_{1672}\ \Phi_{209}\ \Phi_{152}\ \Phi_{88}\ \Phi_{19}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
57265	1050	568	$\frac{1}{71}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{568}^3\ \Phi_{284}\ \Phi_{142}$
57266	1050	1672	$\frac{4}{209}$	$\frac{41}{209}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1672}\ \Phi_{209}\ \Phi_{152}\ \Phi_{88}\ \Phi_{19}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
57267	1050	1032	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1032}^2\ \Phi_{344}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}$
57268	1050	1672	$\frac{5}{209}$	$\frac{34}{209}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1672}\ \Phi_{209}\ \Phi_{152}\ \Phi_{88}\ \Phi_{19}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
57269	1050	504	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^4\ \Phi_{252}\ \Phi_{168}^4\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}^3\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
57270	1050	1672	$\frac{6}{209}$	$\frac{29}{209}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1672}\ \Phi_{209}\ \Phi_{152}\ \Phi_{88}\ \Phi_{19}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
57271	1050	248	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{248}^4\ \Phi_{124}^5\ \Phi_{62}^5\ \Phi_{31}^4$
57272	1050	1672	$\frac{9}{209}$	$\frac{20}{209}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1672}\ \Phi_{209}\ \Phi_{152}\ \Phi_{88}\ \Phi_{19}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
57273	1050	88	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{88}^{19}\ \Phi_{22}^{10}\ \Phi_{11}^9\ \Phi_8^{20}\ \Phi_2^{10}\ \Phi_1^{10}$
57274	1050	152	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{152}^{11}\ \Phi_{38}^6\ \Phi_{19}^5\ \Phi_8^{12}\ \Phi_2^6\ \Phi_1^6$
57275	1050	1672	$\frac{13}{209}$	$\frac{14}{209}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1672}\ \Phi_{209}\ \Phi_{152}\ \Phi_{88}\ \Phi_{19}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
57276	1050	240	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{240}^5\ \Phi_{120}^4\ \Phi_{80}^5\ \Phi_{60}^5\ \Phi_{48}^5\ \Phi_{40}^4\ \Phi_{30}^5\ \Phi_{24}^4\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_6^5\ \Phi_5^4\ \Phi_3^4$
57277	1050	1049	$\frac{19}{1049}$	$\frac{206}{1049}$	$\frac{281}{1049}$	$\frac{384}{1049}$	$\Phi_{1049}\ \Phi_1^2$
57278	1050	1049	$\frac{27}{1049}$	$\frac{146}{1049}$	$\frac{301}{1049}$	$\frac{374}{1049}$	$\Phi_{1049}\ \Phi_1^2$
57279	1050	1116	$\frac{1}{36}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{1116}\ \Phi_{558}\ \Phi_{372}\ \Phi_{279}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}$
57280	1050	1674	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{1674}\ \Phi_{558}\ \Phi_{279}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
57281	1050	1118	$\frac{1}{26}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{1118}\ \Phi_{559}\ \Phi_{86}$
57282	1050	570	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{570}^3\ \Phi_{285}\ \Phi_{190}^3\ \Phi_{114}^3\ \Phi_{95}\ \Phi_{57}\ \Phi_{30}^3\ \Phi_{10}^3\ \Phi_6^3$
57283	1050	1049	$\frac{38}{1049}$	$\frac{99}{1049}$	$\frac{337}{1049}$	$\frac{356}{1049}$	$\Phi_{1049}\ \Phi_1^2$
57284	1050	1208	$\frac{4}{151}$	$\frac{1}{8}$	$\frac{49}{151}$	$\frac{51}{151}$	$\Phi_{1208}\ \Phi_{604}\ \Phi_{302}$
57285	1050	1049	$\frac{26}{1049}$	$\frac{139}{1049}$	$\frac{341}{1049}$	$\frac{354}{1049}$	$\Phi_{1049}\ \Phi_1^2$
57286	1050	1848	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{43}{132}$	$\frac{89}{264}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{308}\ \Phi_{168}\ \Phi_{154}\ \Phi_{77}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
57287	1050	1266	$\frac{4}{211}$	$\frac{1}{6}$	$\frac{69}{211}$	$\frac{71}{211}$	$\Phi_{1266}\ \Phi_{633}\ \Phi_{422}$
57288	1050	708	$\frac{2}{177}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{708}^2\ \Phi_{354}^2\ \Phi_{236}^2\ \Phi_{118}^2\ \Phi_{12}\ \Phi_6$
57289	1050	684	$\frac{1}{76}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}\ \Phi_{171}^2\ \Phi_{114}\ \Phi_{57}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
57290	1050	594	$\frac{1}{22}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}\ \Phi_{54}^2\ \Phi_{33}\ \Phi_{18}^2\ \Phi_6$
57291	1050	1044	$\frac{1}{87}$	$\frac{1}{4}$	$\frac{86}{261}$	$\frac{1}{3}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
57292	1050	1341	$\frac{2}{149}$	$\frac{2}{9}$	$\frac{49}{149}$	$\frac{1}{3}$	$\Phi_{1341}\ \Phi_{149}\ \Phi_9^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
57293	1050	156	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{17}{52}$	$\frac{1}{3}$	$\Phi_{156}^{6}\ \Phi_{78}^{6}\ \Phi_{52}^{8}\ \Phi_{39}^{6}\ \Phi_{26}^{8}\ \Phi_{13}^{8}\ \Phi_{12}^{6}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
57294	1050	1578	$\frac{13}{526}$	$\frac{71}{526}$	$\frac{171}{526}$	$\frac{1}{3}$	$\Phi_{1578}\ \Phi_{789}\ \Phi_{6}$
57295	1050	888	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{12}{37}$	$\frac{1}{3}$	$\Phi_{888}^{2}\ \Phi_{444}^{2}\ \Phi_{222}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
57296	1050	1578	$\frac{19}{526}$	$\frac{51}{526}$	$\frac{169}{526}$	$\frac{1}{3}$	$\Phi_{1578}\ \Phi_{789}\ \Phi_{6}$
57297	1050	1107	$\frac{2}{41}$	$\frac{2}{27}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{1107}\ \Phi_{369}\ \Phi_{41}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
57298	1050	816	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}^{2}\ \Phi_{204}\ \Phi_{136}^{2}\ \Phi_{102}\ \Phi_{68}^{2}\ \Phi_{48}^{2}\ \Phi_{34}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
57299	1050	396	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{396}^{4}\ \Phi_{198}^{4}\ \Phi_{99}^{4}\ \Phi_{66}\ \Phi_{36}^{2}\ \Phi_{33}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}$
57300	1050	390	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{390}^{4}\ \Phi_{195}^{4}\ \Phi_{78}^{5}\ \Phi_{39}^{5}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
57301	1050	1578	$\frac{15}{526}$	$\frac{73}{526}$	$\frac{151}{526}$	$\frac{1}{3}$	$\Phi_{1578}\ \Phi_{789}\ \Phi_{6}$
57302	1050	252	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{252}^{4}\ \Phi_{126}^{4}\ \Phi_{84}^{4}\ \Phi_{63}^{4}\ \Phi_{42}^{4}\ \Phi_{36}^{6}\ \Phi_{28}^{4}\ \Phi_{21}^{2}\ \Phi_{18}^{6}\ \Phi_{14}^{4}\ \Phi_{12}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{4}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
57303	1050	1578	$\frac{11}{526}$	$\frac{103}{526}$	$\frac{141}{526}$	$\frac{1}{3}$	$\Phi_{1578}\ \Phi_{789}\ \Phi_{6}$
57304	1050	696	$\frac{1}{58}$	$\frac{57}{232}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{696}^{3}\ \Phi_{348}\ \Phi_{174}^{2}\ \Phi_{87}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
57305	1050	612	$\frac{1}{51}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{612}^{3}\ \Phi_{306}^{3}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{36}^{2}\ \Phi_{34}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{6}$
57306	1050	348	$\frac{2}{87}$	$\frac{17}{87}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{348}^{4}\ \Phi_{174}^{4}\ \Phi_{116}^{4}\ \Phi_{58}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
57307	1050	36	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{36}^{30}\ \Phi_{18}^{30}\ \Phi_{12}^{27}\ \Phi_{9}^{30}\ \Phi_{6}^{29}\ \Phi_{4}^{26}\ \Phi_{3}^{28}\ \Phi_{2}^{28}\ \Phi_{1}^{28}$
57308	1050	348	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{348}^{6}\ \Phi_{174}^{6}\ \Phi_{12}^{7}\ \Phi_{6}^{7}$
57309	1050	312	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{312}^{6}\ \Phi_{156}^{4}\ \Phi_{78}^{5}\ \Phi_{39}^{5}\ \Phi_{24}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
57310	1050	924	$\frac{1}{22}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{231}^{2}\ \Phi_{84}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{21}\ \Phi_{6}$
57311	1050	540	$\frac{1}{15}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^{3}\ \Phi_{270}^{3}\ \Phi_{180}^{3}\ \Phi_{108}^{2}\ \Phi_{90}^{3}\ \Phi_{60}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
57312	1050	1341	$\frac{4}{149}$	$\frac{29}{149}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1341}\ \Phi_{149}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
57313	1050	558	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{558}^{3}\ \Phi_{279}^{2}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
57314	1050	1341	$\frac{5}{149}$	$\frac{24}{149}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1341}\ \Phi_{149}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
57315	1050	1638	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{182}\ \Phi_{126}\ \Phi_{91}\ \Phi_{14}$
57316	1050	1341	$\frac{9}{149}$	$\frac{14}{149}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1341}\ \Phi_{149}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
57317	1050	1584	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
57318	1050	1056	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{1056}^{2}\ \Phi_{528}^{2}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{6}$
57319	1050	1950	$\frac{1}{26}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{150}\ \Phi_{78}\ \Phi_{39}\ \Phi_{6}$
57320	1050	78	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{5}{26}$	$\frac{1}{3}$	$\Phi_{78}^{12}\ \Phi_{39}^{12}\ \Phi_{26}^{16}\ \Phi_{13}^{16}\ \Phi_{6}^{14}\ \Phi_{3}^{13}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
57321	1050	1578	$\frac{21}{526}$	$\frac{85}{526}$	$\frac{101}{526}$	$\frac{1}{3}$	$\Phi_{1578}\ \Phi_{789}\ \Phi_{6}$
57322	1050	888	$\frac{2}{37}$	$\frac{1}{8}$	$\frac{7}{37}$	$\frac{1}{3}$	$\Phi_{888}^{2}\ \Phi_{444}^{2}\ \Phi_{222}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
57323	1050	1578	$\frac{31}{526}$	$\frac{61}{526}$	$\frac{99}{526}$	$\frac{1}{3}$	$\Phi_{1578}\ \Phi_{789}\ \Phi_{6}$
57324	1050	816	$\frac{1}{16}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{816}^{2}\ \Phi_{408}^{2}\ \Phi_{204}^{2}\ \Phi_{102}^{2}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
57325	1050	1578	$\frac{29}{526}$	$\frac{71}{526}$	$\frac{91}{526}$	$\frac{1}{3}$	$\Phi_{1578}\ \Phi_{789}\ \Phi_{6}$
57326	1050	66	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{66}^{17}\ \Phi_{33}^{17}\ \Phi_{22}^{16}\ \Phi_{11}^{16}\ \Phi_{6}^{9}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
57327	1050	156	$\frac{3}{52}$	$\frac{7}{52}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{156}^{6}\ \Phi_{78}^{6}\ \Phi_{52}^{8}\ \Phi_{39}^{6}\ \Phi_{26}^{8}\ \Phi_{13}^{8}\ \Phi_{12}^{6}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
57328	1050	48	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{48}^{21}\ \Phi_{24}^{18}\ \Phi_{16}^{28}\ \Phi_{12}^{18}\ \Phi_{8}^{24}\ \Phi_{6}^{20}\ \Phi_{4}^{24}\ \Phi_{3}^{19}\ \Phi_{2}^{26}\ \Phi_{1}^{26}$
57329	1050	78	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{78}^{16}\ \Phi_{39}^{11}\ \Phi_{26}^{16}\ \Phi_{13}^{10}\ \Phi_{6}^{18}\ \Phi_{3}^{12}\ \Phi_{2}^{18}\ \Phi_{1}^{12}$
57330	1050	1107	$\frac{2}{27}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{3}$	$\Phi_{1107}\ \Phi_{369}\ \Phi_{41}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
57331	1050	1512	$\frac{2}{27}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{126}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
57332	1050	324	$\frac{1}{27}$	$\frac{11}{81}$	$\frac{1}{4}$	$\frac{26}{81}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{108}^5\ \Phi_{54}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_6^5\ \Phi_4^4\ \Phi_2^4$
57333	1050	2052	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{163}{513}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
57334	1050	1476	$\frac{2}{41}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{13}{41}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{369}\ \Phi_{41}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
57335	1050	1148	$\frac{2}{41}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{13}{41}$	$\Phi_{1148}\ \Phi_{574}\ \Phi_{287}\ \Phi_{41}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
57336	1050	1312	$\frac{2}{41}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{13}{41}$	$\Phi_{1312}\ \Phi_{656}\ \Phi_{41}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_1^2$
57337	1050	246	$\frac{2}{41}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{13}{41}$	$\Phi_{246}^4\ \Phi_{123}^4\ \Phi_{82}^4\ \Phi_{41}^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
57338	1050	1479	$\frac{1}{17}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{16}{51}$	$\Phi_{1479}\ \Phi_{87}\ \Phi_{51}^2\ \Phi_{29}\ \Phi_3^2\ \Phi_1^2$
57339	1050	2244	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{22}$
57340	1050	1479	$\frac{1}{17}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{16}{51}$	$\Phi_{1479}\ \Phi_{87}\ \Phi_{51}^2\ \Phi_{29}\ \Phi_3^2\ \Phi_1^2$
57341	1050	714	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{16}{51}$	$\Phi_{714}^2\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{42}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2$
57342	1050	1049	$\frac{62}{1049}$	$\frac{144}{1049}$	$\frac{181}{1049}$	$\frac{329}{1049}$	$\Phi_{1049}\ \Phi_1^2$
57343	1050	1266	$\frac{13}{211}$	$\frac{29}{211}$	$\frac{1}{6}$	$\frac{66}{211}$	$\Phi_{1266}\ \Phi_{633}\ \Phi_{422}$
57344	1050	493	$\frac{2}{29}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{9}{29}$	$\Phi_{493}^2\ \Phi_{29}^3\ \Phi_{17}^4\ \Phi_1^6$
57345	1050	696	$\frac{2}{29}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{9}{29}$	$\Phi_{696}^2\ \Phi_{348}^2\ \Phi_{232}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{29}\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
57346	1050	2028	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{157}{507}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}\ \Phi_{12}\ \Phi_6$
57347	1050	1049	$\frac{86}{1049}$	$\frac{104}{1049}$	$\frac{189}{1049}$	$\frac{321}{1049}$	$\Phi_{1049}\ \Phi_1^2$
57348	1050	180	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{180}^9\ \Phi_{90}^9\ \Phi_{60}\ \Phi_{45}^9\ \Phi_{36}^6\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^6\ \Phi_{12}\ \Phi_{10}\ \Phi_9^6\ \Phi_6$
57349	1050	1476	$\frac{1}{12}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{11}{36}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{369}\ \Phi_{41}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
57350	1050	504	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{11}{36}$	$\Phi_{504}^4\ \Phi_{252}^3\ \Phi_{126}^3\ \Phi_{63}^3\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
57351	1050	1208	$\frac{13}{151}$	$\frac{1}{8}$	$\frac{21}{151}$	$\frac{46}{151}$	$\Phi_{1208}\ \Phi_{604}\ \Phi_{302}$
57352	1050	1049	$\frac{92}{1049}$	$\frac{129}{1049}$	$\frac{146}{1049}$	$\frac{319}{1049}$	$\Phi_{1049}\ \Phi_1^2$
57353	1050	1266	$\frac{19}{211}$	$\frac{21}{211}$	$\frac{1}{6}$	$\frac{64}{211}$	$\Phi_{1266}\ \Phi_{633}\ \Phi_{422}$
57354	1050	1386	$\frac{1}{11}$	$\frac{23}{198}$	$\frac{1}{7}$	$\frac{10}{33}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{154}\ \Phi_{126}\ \Phi_{77}\ \Phi_{63}\ \Phi_{42}\ \Phi_{14}$
57355	1050	490	$\frac{4}{49}$	$\frac{1}{10}$	$\frac{9}{49}$	$\frac{3}{10}$	$\Phi_{490}^2\ \Phi_{245}^2\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{49}^3\ \Phi_{35}^2\ \Phi_{14}^2\ \Phi_{10}^4\ \Phi_7^3\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
57356	1050	330	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{110}^2\ \Phi_{66}^5\ \Phi_{55}^2\ \Phi_{33}^5\ \Phi_{22}^3\ \Phi_{11}^2$
57357	1050	140	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{3}{10}$	$\Phi_{140}^8\ \Phi_{70}^6\ \Phi_{35}^6\ \Phi_{28}^{10}\ \Phi_{20}^8\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_7^7\ \Phi_5^8\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{10}$
57358	1050	1049	$\frac{74}{1049}$	$\frac{122}{1049}$	$\frac{195}{1049}$	$\frac{309}{1049}$	$\Phi_{1049}\ \Phi_1^2$
57359	1050	1166	$\frac{1}{11}$	$\frac{13}{106}$	$\frac{15}{106}$	$\frac{31}{106}$	$\Phi_{1166}\ \Phi_{583}\ \Phi_{22}$
57360	1050	1344	$\frac{17}{192}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
57361	1050	1049	$\frac{90}{1049}$	$\frac{137}{1049}$	$\frac{149}{1049}$	$\frac{304}{1049}$	$\Phi_{1049}\ \Phi_1^2$
57362	1050	1266	$\frac{15}{211}$	$\frac{28}{211}$	$\frac{1}{6}$	$\frac{61}{211}$	$\Phi_{1266}\ \Phi_{633}\ \Phi_{422}$
57363	1050	322	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{11}{46}$	$\frac{2}{7}$	$\Phi_{322}^4\ \Phi_{161}^2\ \Phi_{46}^6\ \Phi_{23}^3\ \Phi_{14}^4\ \Phi_7^4\ \Phi_2^6\ \Phi_1^6$
57364	1050	483	$\frac{4}{69}$	$\frac{1}{7}$	$\frac{13}{69}$	$\frac{2}{7}$	$\Phi_{483}^2\ \Phi_{161}^2\ \Phi_{69}^3\ \Phi_{23}^3\ \Phi_{21}^2\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
57365	1050	210	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{210}^6\ \Phi_{105}^4\ \Phi_{70}^6\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^9\ \Phi_{21}^2\ \Phi_{15}^6\ \Phi_{14}^4\ \Phi_{10}^9\ \Phi_7^4\ \Phi_6^6\ \Phi_5^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
57366	1050	161	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{161}^6\ \Phi_{23}^9\ \Phi_7^8\ \Phi_1^{12}$
57367	1050	616	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{616}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{22}^3$
57368	1050	972	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{1}{4}$	$\frac{68}{243}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
57369	1050	1049	$\frac{54}{1049}$	$\frac{170}{1049}$	$\frac{199}{1049}$	$\frac{293}{1049}$	$\Phi_{1049}\ \Phi_1^2$
57370	1050	1140	$\frac{1}{15}$	$\frac{11}{76}$	$\frac{13}{76}$	$\frac{21}{76}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{60}\ \Phi_{57}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
57371	1050	1049	$\frac{76}{1049}$	$\frac{139}{1049}$	$\frac{182}{1049}$	$\frac{289}{1049}$	$\Phi_{1049}\ \Phi_1^2$
57372	1050	1166	$\frac{1}{11}$	$\frac{11}{106}$	$\frac{19}{106}$	$\frac{29}{106}$	$\Phi_{1166}\ \Phi_{583}\ \Phi_{22}$
57373	1050	1049	$\frac{94}{1049}$	$\frac{109}{1049}$	$\frac{191}{1049}$	$\frac{286}{1049}$	$\Phi_{1049}\ \Phi_1^2$
57374	1050	1208	$\frac{11}{151}$	$\frac{1}{8}$	$\frac{28}{151}$	$\frac{41}{151}$	$\Phi_{1208}\ \Phi_{604}\ \Phi_{302}$
57375	1050	1488	$\frac{1}{31}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}$
57376	1050	336	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{13}{48}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}\ \Phi_{84}^5\ \Phi_{56}\ \Phi_{42}^5\ \Phi_{28}\ \Phi_{21}^5\ \Phi_{14}$
57377	1050	1049	$\frac{64}{1049}$	$\frac{153}{1049}$	$\frac{197}{1049}$	$\frac{284}{1049}$	$\Phi_{1049}\ \Phi_1^2$
57378	1050	1266	$\frac{11}{211}$	$\frac{1}{6}$	$\frac{40}{211}$	$\frac{57}{211}$	$\Phi_{1266}\ \Phi_{633}\ \Phi_{422}$
57379	1050	468	$\frac{1}{39}$	$\frac{19}{78}$	$\frac{1}{4}$	$\frac{59}{234}$	$\Phi_{468}^4\ \Phi_{234}^2\ \Phi_{156}\ \Phi_{117}^2\ \Phi_{78}\ \Phi_{52}\ \Phi_{36}^4\ \Phi_{26}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
57380	1050	420	$\frac{1}{15}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^3\ \Phi_{60}\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}\ \Phi_{21}^3\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
57381	1050	216	$\frac{1}{27}$	$\frac{41}{216}$	$\frac{13}{54}$	$\frac{1}{4}$	$\Phi_{216}^6\ \Phi_{108}^3\ \Phi_{72}^6\ \Phi_{54}^5\ \Phi_{36}^3\ \Phi_{27}^4\ \Phi_{24}^6\ \Phi_{18}^5\ \Phi_{12}^3\ \Phi_9^4\ \Phi_8^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
57382	1050	276	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{11}{46}$	$\frac{1}{4}$	$\Phi_{276}^6\ \Phi_{138}^3\ \Phi_{92}^3\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{12}^8\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^2$
57383	1050	156	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{156}^{10}\ \Phi_{78}^{10}\ \Phi_{52}^7\ \Phi_{26}^7\ \Phi_{12}^{10}\ \Phi_6^{10}\ \Phi_4^6\ \Phi_2^6$
57384	1050	480	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{60}\ \Phi_{48}^3\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
57385	1050	276	$\frac{4}{69}$	$\frac{1}{6}$	$\frac{13}{69}$	$\frac{1}{4}$	$\Phi_{276}^5\ \Phi_{138}^2\ \Phi_{92}^5\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{23}^3\ \Phi_{12}^7\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
57386	1050	468	$\frac{7}{117}$	$\frac{19}{117}$	$\frac{22}{117}$	$\frac{1}{4}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{36}^3\ \Phi_{26}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
57387	1050	324	$\frac{2}{27}$	$\frac{11}{81}$	$\frac{5}{27}$	$\frac{1}{4}$	$\Phi_{324}^5\ \Phi_{162}^5\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
57388	1050	392	$\frac{4}{49}$	$\frac{1}{8}$	$\frac{9}{49}$	$\frac{1}{4}$	$\Phi_{392}^3\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{56}^3\ \Phi_{49}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^6\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
57389	1050	1404	$\frac{31}{351}$	$\frac{41}{351}$	$\frac{64}{351}$	$\frac{1}{4}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{108}\ \Phi_{78}\ \Phi_{54}\ \Phi_{52}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
57390	1050	748	$\frac{1}{11}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{748}^2\ \Phi_{374}^2\ \Phi_{44}^3\ \Phi_{22}^3$
57391	1050	1404	$\frac{29}{351}$	$\frac{46}{351}$	$\frac{61}{351}$	$\frac{1}{4}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{108}\ \Phi_{78}\ \Phi_{54}\ \Phi_{52}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
57392	1050	60	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{60}^{25}\ \Phi_{30}^{13}\ \Phi_{20}^{25}\ \Phi_{15}^{12}\ \Phi_{12}^{17}\ \Phi_{10}^{13}\ \Phi_6^9\ \Phi_5^{12}\ \Phi_4^{16}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
57393	1050	276	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{276}^6\ \Phi_{138}^3\ \Phi_{92}^3\ \Phi_{69}^3\ \Phi_{23}^3\ \Phi_{12}^8\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
57394	1050	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{264}^6\ \Phi_{132}^4\ \Phi_{88}^3\ \Phi_{66}^5\ \Phi_{44}^2\ \Phi_{33}^5\ \Phi_{22}^3\ \Phi_{11}^2$
57395	1050	1148	$\frac{3}{28}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{4}$	$\Phi_{1148}\ \Phi_{574}\ \Phi_{287}\ \Phi_{41}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
57396	1050	56	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{56}^{21}\ \Phi_{28}^{16}\ \Phi_{14}^{16}\ \Phi_8^{24}\ \Phi_7^{15}\ \Phi_4^{18}\ \Phi_2^{18}\ \Phi_1^{18}$
57397	1050	1312	$\frac{5}{41}$	$\frac{1}{8}$	$\frac{6}{41}$	$\frac{7}{32}$	$\Phi_{1312}\ \Phi_{656}\ \Phi_{41}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_1^2$
57398	1050	224	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{32}$	$\Phi_{224}^7\ \Phi_{112}^7\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
57399	1050	308	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{9}{44}$	$\Phi_{308}^5\ \Phi_{154}^5\ \Phi_{77}\ \Phi_{28}^5\ \Phi_{14}^5$
57400	1050	1225	$\frac{4}{49}$	$\frac{4}{25}$	$\frac{9}{49}$	$\frac{1}{5}$	$\Phi_{1225}\ \Phi_{175}\ \Phi_{49}\ \Phi_{25}^2\ \Phi_7\ \Phi_1^2$
57401	1050	1650	$\frac{1}{11}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
57402	1050	700	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{28}^2\ \Phi_{25}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
57403	1050	493	$\frac{2}{17}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{3}{17}$	$\Phi_{493}^2\ \Phi_{29}^3\ \Phi_{17}^4\ \Phi_1^6$
57404	1050	714	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{17}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{238}^2\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{14}^3$
57405	1050	1049	$\frac{124}{1049}$	$\frac{144}{1049}$	$\frac{181}{1049}$	$\frac{185}{1049}$	$\Phi_{1049}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
57406	1050	1232	$\frac{21}{176}$	$\frac{1}{7}$	$\frac{29}{176}$	$\frac{31}{176}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{112}\ \Phi_{77}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
57407	1050	1049	$\frac{129}{1049}$	$\frac{146}{1049}$	$\frac{173}{1049}$	$\frac{184}{1049}$	$\Phi_{1049}\ \Phi_{1}^{2}$
57408	1050	1266	$\frac{26}{211}$	$\frac{29}{211}$	$\frac{1}{6}$	$\frac{37}{211}$	$\Phi_{1266}\ \Phi_{633}\ \Phi_{422}$
57409	1050	696	$\frac{1}{8}$	$\frac{4}{29}$	$\frac{1}{6}$	$\frac{5}{29}$	$\Phi_{696}^{2}\ \Phi_{348}^{2}\ \Phi_{232}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{29}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
57410	1050	1208	$\frac{1}{8}$	$\frac{21}{151}$	$\frac{25}{151}$	$\frac{26}{151}$	$\Phi_{1208}\ \Phi_{604}\ \Phi_{302}$
57411	1050	1049	$\frac{125}{1049}$	$\frac{154}{1049}$	$\frac{174}{1049}$	$\frac{179}{1049}$	$\Phi_{1049}\ \Phi_{1}^{2}$
57412	1050	1266	$\frac{25}{211}$	$\frac{31}{211}$	$\frac{1}{6}$	$\frac{36}{211}$	$\Phi_{1266}\ \Phi_{633}\ \Phi_{422}$
57413	1050	246	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{246}^{4}\ \Phi_{123}^{4}\ \Phi_{82}^{4}\ \Phi_{41}^{5}\ \Phi_{6}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
57414	1050	168	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{168}^{8}\ \Phi_{84}^{8}\ \Phi_{56}^{9}\ \Phi_{42}^{4}\ \Phi_{28}^{9}\ \Phi_{21}^{4}\ \Phi_{14}^{5}\ \Phi_{7}^{4}$
57415	1051	1680	$\frac{1}{210}$	$\frac{211}{840}$	$\frac{629}{1680}$	$\frac{209}{420}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{140}\ \Phi_{112}\ \Phi_{84}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
57416	1051	1404	$\frac{2}{351}$	$\frac{353}{1404}$	$\frac{1}{3}$	$\frac{349}{702}$	$\Phi_{1404}\ \Phi_{468}\ \Phi_{351}\ \Phi_{156}\ \Phi_{117}\ \Phi_{108}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{27}\ \Phi_{13}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
57417	1051	1800	$\frac{1}{150}$	$\frac{151}{900}$	$\frac{749}{1800}$	$\frac{149}{300}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{120}\ \Phi_{100}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
57418	1051	2088	$\frac{7}{1044}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1037}{2088}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{232}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
57419	1051	2088	$\frac{7}{1044}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1037}{2088}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{232}\ \Phi_{72}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
57420	1051	2080	$\frac{11}{1040}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1029}{2080}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{160}\ \Phi_{32}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
57421	1051	1960	$\frac{1}{70}$	$\frac{71}{980}$	$\frac{909}{1960}$	$\frac{69}{140}$	$\Phi_{1960}\ \Phi_{392}\ \Phi_{280}\ \Phi_{140}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
57422	1051	2072	$\frac{15}{1036}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{1021}{2072}$	$\Phi_{2072}\ \Phi_{296}\ \Phi_{56}\ \Phi_{28}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
57423	1051	1170	$\frac{2}{117}$	$\frac{119}{1170}$	$\frac{1}{3}$	$\frac{115}{234}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{117}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
57424	1051	2064	$\frac{19}{1032}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1013}{2064}$	$\Phi_{2064}\ \Phi_{688}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
57425	1051	2000	$\frac{1}{50}$	$\frac{51}{1000}$	$\frac{949}{2000}$	$\frac{49}{100}$	$\Phi_{2000}\ \Phi_{400}\ \Phi_{100}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
57426	1051	1500	$\frac{1}{50}$	$\frac{51}{500}$	$\frac{449}{1500}$	$\frac{49}{100}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{375}\ \Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
57427	1051	1200	$\frac{1}{50}$	$\frac{149}{1200}$	$\frac{51}{200}$	$\frac{49}{100}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
57428	1051	2016	$\frac{1}{42}$	$\frac{43}{1008}$	$\frac{965}{2016}$	$\frac{41}{84}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{84}\ \Phi_{32}\ \Phi_{28}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
57429	1051	1512	$\frac{1}{42}$	$\frac{43}{504}$	$\frac{461}{1512}$	$\frac{41}{84}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{54}\ \Phi_{28}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
57430	1051	1176	$\frac{1}{42}$	$\frac{125}{1176}$	$\frac{43}{168}$	$\frac{41}{84}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{49}\ \Phi_{28}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
57431	1051	1344	$\frac{1}{42}$	$\frac{43}{336}$	$\frac{293}{1344}$	$\frac{41}{84}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{32}\ \Phi_{28}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
57432	1051	1260	$\frac{1}{42}$	$\frac{209}{1260}$	$\frac{43}{252}$	$\frac{41}{84}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
57433	1051	2052	$\frac{25}{1026}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1001}{2052}$	$\Phi_{2052}\ \Phi_{684}\ \Phi_{228}\ \Phi_{108}\ \Phi_{76}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
57434	1051	1134	$\frac{2}{81}$	$\frac{83}{1134}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{81}\ \Phi_{63}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
57435	1051	2040	$\frac{31}{1020}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{989}{2040}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{136}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
57436	1051	2028	$\frac{37}{1014}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{977}{2028}$	$\Phi_{2028}\ \Phi_{676}\ \Phi_{156}\ \Phi_{52}\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
57437	1051	2016	$\frac{43}{1008}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{965}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{63}\ \Phi_{32}\ \Phi_{9}\ \Phi_{1}$
57438	1051	2016	$\frac{43}{1008}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{965}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
57439	1051	2016	$\frac{43}{1008}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{965}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
57440	1051	1092	$\frac{41}{1092}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{52}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{13}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
57441	1051	1152	$\frac{5}{96}$	$\frac{101}{1152}$	$\frac{1}{6}$	$\frac{91}{192}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
57442	1051	1428	$\frac{1}{21}$	$\frac{20}{357}$	$\frac{377}{1428}$	$\frac{337}{714}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{357}\ \Phi_{204}\ \Phi_{119}\ \Phi_{84}\ \Phi_{68}\ \Phi_{51}\ \Phi_{28}\ \Phi_{17}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
57443	1051	1980	$\frac{1}{30}$	$\frac{61}{990}$	$\frac{29}{90}$	$\frac{929}{1980}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{132}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
57444	1051	1980	$\frac{61}{990}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{929}{1980}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
57445	1051	1080	$\frac{29}{1080}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
57446	1051	1440	$\frac{1}{30}$	$\frac{29}{360}$	$\frac{389}{1440}$	$\frac{331}{720}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
57447	1051	1944	$\frac{2}{81}$	$\frac{79}{972}$	$\frac{1}{3}$	$\frac{893}{1944}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{216}\ \Phi_{81}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
57448	1051	1920	$\frac{1}{30}$	$\frac{91}{960}$	$\frac{29}{120}$	$\frac{869}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
57449	1051	1920	$\frac{5}{96}$	$\frac{91}{960}$	$\frac{1}{6}$	$\frac{869}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
57450	1051	1560	$\frac{11}{520}$	$\frac{1}{10}$	$\frac{509}{1560}$	$\frac{9}{20}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{120}\ \Phi_{78}\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
57451	1051	1080	$\frac{29}{1080}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
57452	1051	1300	$\frac{11}{260}$	$\frac{1}{10}$	$\frac{249}{1300}$	$\frac{9}{20}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{325}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
57453	1051	1120	$\frac{69}{1120}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
57454	1051	1872	$\frac{2}{117}$	$\frac{115}{936}$	$\frac{1}{3}$	$\frac{821}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{48}\ \Phi_{39}\ \Phi_{16}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
57455	1051	1848	$\frac{5}{132}$	$\frac{127}{924}$	$\frac{1}{6}$	$\frac{797}{1848}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{56}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
57456	1051	1392	$\frac{7}{348}$	$\frac{1}{6}$	$\frac{341}{1392}$	$\frac{5}{12}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{232}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
57457	1051	1080	$\frac{29}{1080}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
57458	1051	1800	$\frac{1}{75}$	$\frac{151}{900}$	$\frac{74}{225}$	$\frac{749}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
57459	1051	1800	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{151}{900}$	$\frac{749}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
57460	1051	1500	$\frac{1}{75}$	$\frac{74}{375}$	$\frac{449}{1500}$	$\frac{301}{750}$	$\Phi_{1500}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}\ \Phi_{125}\ \Phi_{100}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
57461	1051	1062	$\frac{11}{1062}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1062}\ \Phi_{531}\ \Phi_{354}\ \Phi_{177}\ \Phi_{118}\ \Phi_{59}\ \Phi_{9}\ \Phi_{1}$
57462	1051	1120	$\frac{69}{1120}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
57463	1051	1200	$\frac{1}{30}$	$\frac{149}{1200}$	$\frac{29}{120}$	$\frac{91}{240}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
57464	1051	1680	$\frac{1}{70}$	$\frac{69}{280}$	$\frac{211}{840}$	$\frac{629}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
57465	1051	1620	$\frac{1}{30}$	$\frac{29}{270}$	$\frac{241}{810}$	$\frac{569}{1620}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
57466	1051	1596	$\frac{13}{266}$	$\frac{1}{14}$	$\frac{253}{798}$	$\frac{545}{1596}$	$\Phi_{1596}\ \Phi_{532}\ \Phi_{266}\ \Phi_{228}\ \Phi_{133}\ \Phi_{84}\ \Phi_{76}\ \Phi_{38}\ \Phi_{28}\ \Phi_{19}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
57467	1051	1134	$\frac{1}{21}$	$\frac{83}{1134}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{162}\ \Phi_{81}\ \Phi_{63}\ \Phi_{54}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
57468	1051	1584	$\frac{5}{264}$	$\frac{1}{6}$	$\frac{259}{792}$	$\frac{533}{1584}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
57469	1051	1350	$\frac{1}{75}$	$\frac{299}{1350}$	$\frac{74}{225}$	$\frac{151}{450}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{270}\ \Phi_{225}\ \Phi_{135}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
57470	1051	1566	$\frac{7}{522}$	$\frac{2}{9}$	$\frac{515}{1566}$	$\frac{1}{3}$	$\Phi_{1566}\ \Phi_{783}\ \Phi_{54}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
57471	1051	1215	$\frac{2}{81}$	$\frac{164}{1215}$	$\frac{79}{243}$	$\frac{1}{3}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
57472	1051	1539	$\frac{25}{513}$	$\frac{2}{27}$	$\frac{488}{1539}$	$\frac{1}{3}$	$\Phi_{1539}\ \Phi_{81}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
57473	1051	1521	$\frac{2}{39}$	$\frac{37}{507}$	$\frac{470}{1521}$	$\frac{1}{3}$	$\Phi_{1521}\ \Phi_{117}\ \Phi_{39}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
57474	1051	1458	$\frac{2}{81}$	$\frac{79}{486}$	$\frac{407}{1458}$	$\frac{1}{3}$	$\Phi_{1458}\ \Phi_{729}\ \Phi_{81}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
57475	1051	1404	$\frac{2}{117}$	$\frac{115}{468}$	$\frac{353}{1404}$	$\frac{1}{3}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{117}\ \Phi_{108}\ \Phi_{54}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
57476	1051	1296	$\frac{2}{81}$	$\frac{245}{1296}$	$\frac{79}{324}$	$\frac{1}{3}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
57477	1051	1305	$\frac{7}{261}$	$\frac{254}{1305}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{145}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
57478	1051	1080	$\frac{29}{1080}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
57479	1051	1512	$\frac{1}{21}$	$\frac{43}{504}$	$\frac{461}{1512}$	$\frac{20}{63}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{108}\ \Phi_{63}\ \Phi_{54}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
57480	1051	1260	$\frac{1}{21}$	$\frac{209}{1260}$	$\frac{43}{252}$	$\frac{20}{63}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
57481	1051	1188	$\frac{5}{66}$	$\frac{137}{1188}$	$\frac{1}{6}$	$\frac{61}{198}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{132}\ \Phi_{108}\ \Phi_{66}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
57482	1051	1512	$\frac{1}{14}$	$\frac{43}{504}$	$\frac{13}{56}$	$\frac{461}{1512}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{108}\ \Phi_{56}\ \Phi_{54}\ \Phi_{28}\ \Phi_{27}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
57483	1051	1152	$\frac{101}{1152}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{144}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
57484	1051	1440	$\frac{1}{30}$	$\frac{91}{480}$	$\frac{29}{120}$	$\frac{389}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
57485	1051	1440	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{91}{480}$	$\frac{389}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
57486	1051	1176	$\frac{1}{14}$	$\frac{125}{1176}$	$\frac{13}{56}$	$\frac{43}{168}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{28}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
57487	1051	1344	$\frac{1}{14}$	$\frac{43}{336}$	$\frac{293}{1344}$	$\frac{13}{56}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
57488	1051	1344	$\frac{5}{48}$	$\frac{43}{336}$	$\frac{1}{6}$	$\frac{293}{1344}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
57489	1051	1320	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{330}$	$\frac{269}{1320}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{264}\ \Phi_{220}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{20}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
57490	1052	1572	$\frac{1}{262}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{261}{524}$	$\Phi_{1572}\ \Phi_{524}^2\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
57491	1052	2610	$\frac{2}{261}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{259}{522}$	$\Phi_{2610}\ \Phi_{870}\ \Phi_{290}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
57492	1052	1760	$\frac{1}{88}$	$\frac{1}{5}$	$\frac{89}{352}$	$\frac{87}{176}$	$\Phi_{1760}\ \Phi_{440}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
57493	1052	520	$\frac{3}{260}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{257}{520}$	$\Phi_{520}^4\ \Phi_{104}^4\ \Phi_{40}^4\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}^4$
57494	1052	2580	$\frac{5}{258}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{253}{516}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
57495	1052	2560	$\frac{7}{256}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{249}{512}$	$\Phi_{2560}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
57496	1052	510	$\frac{8}{255}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{247}{510}$	$\Phi_{510}^4\ \Phi_{170}^4\ \Phi_{102}^4\ \Phi_{51}\ \Phi_{34}^4\ \Phi_{30}^4\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{2}^4$
57497	1052	279	$\frac{1}{31}$	$\frac{16}{279}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{279}^4\ \Phi_{93}^3\ \Phi_{31}^4\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^4$
57498	1052	2530	$\frac{10}{253}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{243}{506}$	$\Phi_{2530}\ \Phi_{230}\ \Phi_{110}\ \Phi_{55}\ \Phi_{10}$
57499	1052	1440	$\frac{1}{24}$	$\frac{25}{288}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
57500	1052	2520	$\frac{11}{252}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{241}{504}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{360}\ \Phi_{280}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
57501	1052	816	$\frac{9}{272}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
57502	1052	1488	$\frac{1}{31}$	$\frac{15}{248}$	$\frac{1}{3}$	$\frac{233}{496}$	$\Phi_{1488}^2\ \Phi_{93}\ \Phi_{48}^2$
57503	1052	2420	$\frac{1}{22}$	$\frac{21}{242}$	$\frac{1}{5}$	$\frac{221}{484}$	$\Phi_{2420}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
57504	1052	480	$\frac{1}{24}$	$\frac{23}{240}$	$\frac{1}{5}$	$\frac{217}{480}$	$\Phi_{480}^4\ \Phi_{160}^4\ \Phi_{120}\ \Phi_{96}^4\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}^4\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
57505	1052	1360	$\frac{9}{272}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
57506	1052	2310	$\frac{1}{33}$	$\frac{32}{231}$	$\frac{1}{5}$	$\frac{199}{462}$	$\Phi_{2310}\ \Phi_{770}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{110}\ \Phi_{70}\ \Phi_{55}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
57507	1052	440	$\frac{1}{44}$	$\frac{43}{220}$	$\frac{1}{5}$	$\frac{177}{440}$	$\Phi_{440}^4\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}^4\ \Phi_{55}\ \Phi_{40}^4\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}^4$
57508	1052	1980	$\frac{1}{66}$	$\frac{1}{5}$	$\frac{65}{198}$	$\frac{133}{396}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
57509	1052	393	$\frac{1}{131}$	$\frac{130}{393}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{393}^3\ \Phi_{131}^2\ \Phi_{3}^4\ \Phi_{1}^4$
57510	1052	561	$\frac{1}{17}$	$\frac{35}{561}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{561}^2\ \Phi_{187}^2\ \Phi_{51}\ \Phi_{33}^2\ \Phi_{11}^2$
57511	1052	765	$\frac{1}{17}$	$\frac{16}{255}$	$\frac{239}{765}$	$\frac{1}{3}$	$\Phi_{765}^2\ \Phi_{153}^2\ \Phi_{51}\ \Phi_{45}^2\ \Phi_{9}^2$
57512	1052	372	$\frac{1}{31}$	$\frac{15}{124}$	$\frac{109}{372}$	$\frac{1}{3}$	$\Phi_{372}^2\ \Phi_{186}^2\ \Phi_{124}^4\ \Phi_{93}^3\ \Phi_{62}^4\ \Phi_{31}^4\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
57513	1052	1740	$\frac{2}{87}$	$\frac{1}{5}$	$\frac{85}{348}$	$\frac{1}{3}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{290}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
57514	1052	930	$\frac{1}{31}$	$\frac{47}{310}$	$\frac{15}{62}$	$\frac{1}{3}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{93}\ \Phi_{30}^2\ \Phi_{15}^2$
57515	1052	1020	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{77}{340}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{60}^2\ \Phi_{51}\ \Phi_{30}^2\ \Phi_{12}^2\ \Phi_{6}^2$
57516	1052	270	$\frac{7}{270}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^3\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
57517	1052	1785	$\frac{1}{17}$	$\frac{69}{595}$	$\frac{16}{85}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{105}\ \Phi_{51}\ \Phi_{21}$
57518	1052	306	$\frac{1}{17}$	$\frac{43}{306}$	$\frac{8}{51}$	$\frac{1}{3}$	$\Phi_{306}^4\ \Phi_{153}^4\ \Phi_{102}^4\ \Phi_{51}\ \Phi_{34}^4\ \Phi_{18}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{2}^4$
57519	1052	1920	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{121}{384}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
57520	1052	1440	$\frac{1}{12}$	$\frac{25}{288}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
57521	1052	360	$\frac{1}{24}$	$\frac{23}{120}$	$\frac{1}{5}$	$\frac{97}{360}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}\ \Phi_{45}^4\ \Phi_{40}\ \Phi_{36}^4\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}^4$
57522	1052	1560	$\frac{3}{52}$	$\frac{49}{312}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{195}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
57523	1052	280	$\frac{17}{280}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{20}\ \Phi_{14}^4\ \Phi_{10}\ \Phi_{8}^4\ \Phi_{7}^4$
57524	1052	1440	$\frac{25}{288}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
57525	1052	1680	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{5}$	$\frac{73}{336}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{280}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
57526	1052	320	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{320}$	$\frac{1}{5}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{64}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
57527	1053	2096	$\frac{5}{1048}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1043}{2096}$	$\Phi_{2096}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
57528	1053	1408	$\frac{3}{352}$	$\frac{1}{4}$	$\frac{355}{1408}$	$\frac{349}{704}$	$\Phi_{1408}\ \Phi_{352}\ \Phi_{176}\ \Phi_{128}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
57529	1053	464	$\frac{1}{116}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{115}{232}$	$\Phi_{464}^4\ \Phi_{232}\ \Phi_{16}^5\ \Phi_{8}\ \Phi_{1}$
57530	1053	232	$\frac{1}{116}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{115}{232}$	$\Phi_{232}^9\ \Phi_{8}^9\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
57531	1053	480	$\frac{1}{80}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{79}{160}$	$\Phi_{480}^4\ \Phi_{160}^5\ \Phi_{96}^4\ \Phi_{32}^5\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
57532	1053	480	$\frac{1}{80}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{79}{160}$	$\Phi_{480}^4\ \Phi_{160}^5\ \Phi_{96}^4\ \Phi_{32}^5\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
57533	1053	1440	$\frac{1}{80}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{79}{160}$	$\Phi_{1440}^2\ \Phi_{288}^2\ \Phi_{160}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
57534	1053	160	$\frac{1}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{79}{160}$	$\Phi_{160}^{13}\ \Phi_{32}^{13}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
57535	1053	688	$\frac{7}{344}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{337}{688}$	$\Phi_{688}^3\ \Phi_{16}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
57536	1053	988	$\frac{1}{38}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{37}{76}$	$\Phi_{494}^2\ \Phi_{247}^2\ \Phi_{76}\ \Phi_{52}\ \Phi_{38}^2\ \Phi_{26}^2\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
57537	1053	988	$\frac{1}{38}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{37}{76}$	$\Phi_{988}^2\ \Phi_{76}^3\ \Phi_{52}^2\ \Phi_{13}^2\ \Phi_{4}^3\ \Phi_{1}^3$
57538	1053	380	$\frac{1}{38}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{37}{76}$	$\Phi_{380}^2\ \Phi_{190}^4\ \Phi_{95}^4\ \Phi_{76}\ \Phi_{38}^2\ \Phi_{20}^4\ \Phi_{19}^2\ \Phi_{10}^5\ \Phi_{5}^5\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
57539	1053	2048	$\frac{29}{1024}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{995}{2048}$	$\Phi_{2048}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
57540	1053	1364	$\frac{10}{341}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{331}{682}$	$\Phi_{1364}\ \Phi_{341}\ \Phi_{124}\ \Phi_{44}^2\ \Phi_{31}\ \Phi_{22}\ \Phi_{11}\ \Phi_4\ \Phi_1$
57541	1053	128	$\frac{1}{32}$	$\frac{11}{128}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{128}^9\ \Phi_{64}^6\ \Phi_{32}^9\ \Phi_{16}^9\ \Phi_8^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
57542	1053	988	$\frac{1}{26}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{25}{52}$	$\Phi_{988}^2\ \Phi_{76}^2\ \Phi_{52}^3\ \Phi_{19}^2\ \Phi_4^3\ \Phi_1^3$
57543	1053	364	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{364}^2\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{52}\ \Phi_{28}^4\ \Phi_{26}^2\ \Phi_{14}^5\ \Phi_{13}^2\ \Phi_7^5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
57544	1053	2024	$\frac{41}{1012}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{971}{2024}$	$\Phi_{2024}\ \Phi_{184}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
57545	1053	224	$\frac{5}{112}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{107}{224}$	$\Phi_{224}^9\ \Phi_{32}^9\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
57546	1053	220	$\frac{1}{22}$	$\frac{7}{110}$	$\frac{1}{4}$	$\frac{103}{220}$	$\Phi_{220}^3\ \Phi_{110}^6\ \Phi_{55}^6\ \Phi_{44}^5\ \Phi_{22}^7\ \Phi_{20}^3\ \Phi_{11}^7\ \Phi_{10}^6\ \Phi_5^6\ \Phi_4^4\ \Phi_2^6\ \Phi_1^7$
57547	1053	120	$\frac{1}{40}$	$\frac{1}{12}$	$\frac{13}{40}$	$\frac{11}{24}$	$\Phi_{120}^8\ \Phi_{60}^8\ \Phi_{40}^{10}\ \Phi_{30}^8\ \Phi_{24}^9\ \Phi_{20}^{10}\ \Phi_{15}^8\ \Phi_{12}^8\ \Phi_{10}^{10}\ \Phi_8^{11}\ \Phi_6^8\ \Phi_5^{10}\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^{10}\ \Phi_1^{11}$
57548	1053	168	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{168}^{12}\ \Phi_{56}^{12}\ \Phi_{28}^3\ \Phi_{24}^9\ \Phi_{14}^3\ \Phi_8^9\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
57549	1053	2040	$\frac{4}{85}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{136}\ \Phi_{85}\ \Phi_{24}\ \Phi_{17}\ \Phi_8\ \Phi_1$
57550	1053	600	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{19}{100}$	$\frac{11}{24}$	$\Phi_{600}^4\ \Phi_{200}^4\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{24}\ \Phi_8\ \Phi_1$
57551	1053	96	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{5}{32}$	$\frac{11}{24}$	$\Phi_{96}^{12}\ \Phi_{48}^8\ \Phi_{32}^{15}\ \Phi_{24}^9\ \Phi_{16}^{10}\ \Phi_{12}^8\ \Phi_8^{11}\ \Phi_6^8\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^{10}\ \Phi_1^{11}$
57552	1053	264	$\frac{7}{88}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{264}^4\ \Phi_{132}^4\ \Phi_{88}^5\ \Phi_{66}^4\ \Phi_{44}^5\ \Phi_{33}^4\ \Phi_{24}\ \Phi_{22}^5\ \Phi_{11}^5\ \Phi_8\ \Phi_1$
57553	1053	120	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{11}{24}$	$\Phi_{120}^{16}\ \Phi_{40}^{16}\ \Phi_{24}^{17}\ \Phi_{10}^8\ \Phi_8^{17}\ \Phi_5^8\ \Phi_2^8\ \Phi_1^9$
57554	1053	1936	$\frac{3}{88}$	$\frac{85}{968}$	$\frac{1}{4}$	$\frac{883}{1936}$	$\Phi_{1936}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
57555	1053	1088	$\frac{35}{1088}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{1088}\ \Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_1$
57556	1053	640	$\frac{1}{32}$	$\frac{31}{320}$	$\frac{1}{4}$	$\frac{289}{640}$	$\Phi_{640}^3\ \Phi_{128}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
57557	1053	140	$\frac{1}{28}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{140}^8\ \Phi_{70}^7\ \Phi_{35}^8\ \Phi_{28}^7\ \Phi_{20}^8\ \Phi_{14}^6\ \Phi_{10}^7\ \Phi_7^7\ \Phi_5^7\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
57558	1053	464	$\frac{1}{58}$	$\frac{1}{8}$	$\frac{19}{58}$	$\frac{7}{16}$	$\Phi_{464}^4\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{16}^5\ \Phi_2^2\ \Phi_1^3$
57559	1053	80	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{80}^{24}\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^{21}\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
57560	1053	2320	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{28}{145}$	$\frac{7}{16}$	$\Phi_{2320}\ \Phi_{145}\ \Phi_{80}\ \Phi_{16}\ \Phi_5\ \Phi_1$
57561	1053	112	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{112}^8\ \Phi_{56}^{12}\ \Phi_{28}^{11}\ \Phi_{16}^6\ \Phi_{14}^{11}\ \Phi_8^9\ \Phi_7^{11}\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
57562	1053	464	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{464}^4\ \Phi_{29}^4\ \Phi_{16}^5\ \Phi_1^5$
57563	1053	560	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{560}^4\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
57564	1053	616	$\frac{1}{44}$	$\frac{43}{308}$	$\frac{1}{4}$	$\frac{265}{616}$	$\Phi_{616}^3\ \Phi_{88}^3\ \Phi_{56}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
57565	1053	1760	$\frac{3}{176}$	$\frac{173}{880}$	$\frac{1}{4}$	$\frac{707}{1760}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
57566	1053	448	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{448}^4\ \Phi_{64}^3\ \Phi_{56}^4\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
57567	1053	160	$\frac{1}{40}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{160}^8\ \Phi_{80}^8\ \Phi_{40}^3\ \Phi_{32}^7\ \Phi_{20}^3\ \Phi_{16}^7\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
57568	1053	280	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^4\ \Phi_{40}^3\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{20}^3\ \Phi_{14}\ \Phi_{10}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_5^3\ \Phi_4^3\ \Phi_1^3$
57569	1053	140	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{140}^8\ \Phi_{70}^8\ \Phi_{35}^8\ \Phi_{28}^7\ \Phi_{20}^5\ \Phi_{14}^7\ \Phi_{10}^7\ \Phi_7^7\ \Phi_5^7\ \Phi_4^4\ \Phi_2^6\ \Phi_1^7$
57570	1053	176	$\frac{1}{88}$	$\frac{1}{4}$	$\frac{29}{88}$	$\frac{59}{176}$	$\Phi_{176}^9\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{16}^9\ \Phi_{11}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
57571	1053	120	$\frac{1}{40}$	$\frac{2}{15}$	$\frac{13}{40}$	$\frac{1}{3}$	$\Phi_{120}^8\ \Phi_{60}^8\ \Phi_{40}^{10}\ \Phi_{30}^8\ \Phi_{24}^8\ \Phi_{20}^{10}\ \Phi_{15}^9\ \Phi_{12}^8\ \Phi_{10}^{10}\ \Phi_8^{10}\ \Phi_6^8\ \Phi_5^{11}\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^{10}\ \Phi_1^{11}$
57572	1053	420	$\frac{1}{28}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{60}^2\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
57573	1053	255	$\frac{4}{85}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{255}^4\ \Phi_{85}^5\ \Phi_{51}^4\ \Phi_{17}^5\ \Phi_{15}\ \Phi_5\ \Phi_1$
57574	1053	300	$\frac{1}{20}$	$\frac{2}{15}$	$\frac{19}{100}$	$\frac{1}{3}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^5\ \Phi_{75}^4\ \Phi_{50}^5\ \Phi_{25}^5\ \Phi_{15}\ \Phi_5\ \Phi_1$
57575	1053	480	$\frac{1}{16}$	$\frac{2}{15}$	$\frac{5}{32}$	$\frac{1}{3}$	$\Phi_{480}^3\ \Phi_{240}^2\ \Phi_{160}^3\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
57576	1053	1320	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
57577	1053	30	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{30}^{32}\ \Phi_{15}^{33}\ \Phi_{10}^{40}\ \Phi_{6}^{32}\ \Phi_{5}^{41}\ \Phi_{3}^{32}\ \Phi_{2}^{40}\ \Phi_{1}^{41}$
57578	1053	116	$\frac{1}{58}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{19}{58}$	$\Phi_{116}^{8}\ \Phi_{58}^{10}\ \Phi_{29}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
57579	1053	263	$\frac{5}{263}$	$\frac{59}{263}$	$\frac{68}{263}$	$\frac{86}{263}$	$\Phi_{263}^{4}\ \Phi_{1}^{5}$
57580	1053	352	$\frac{7}{352}$	$\frac{79}{352}$	$\frac{1}{4}$	$\frac{115}{352}$	$\Phi_{352}^{3}\ \Phi_{176}^{3}\ \Phi_{88}^{3}\ \Phi_{44}^{3}\ \Phi_{32}^{3}\ \Phi_{22}^{3}\ \Phi_{16}^{3}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
57581	1053	360	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{40}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{90}^{4}\ \Phi_{72}^{4}\ \Phi_{45}^{4}\ \Phi_{40}^{2}\ \Phi_{36}^{4}\ \Phi_{20}^{2}\ \Phi_{18}^{5}\ \Phi_{10}^{2}\ \Phi_{9}^{5}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
57582	1053	80	$\frac{1}{40}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{40}$	$\Phi_{80}^{16}\ \Phi_{40}^{10}\ \Phi_{20}^{10}\ \Phi_{16}^{17}\ \Phi_{10}^{10}\ \Phi_{8}^{11}\ \Phi_{5}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
57583	1053	44	$\frac{1}{22}$	$\frac{5}{44}$	$\frac{1}{4}$	$\frac{7}{22}$	$\Phi_{44}^{23}\ \Phi_{22}^{25}\ \Phi_{11}^{25}\ \Phi_{4}^{22}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
57584	1053	247	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{6}{19}$	$\Phi_{247}^{4}\ \Phi_{19}^{6}\ \Phi_{13}^{6}\ \Phi_{1}^{9}$
57585	1053	380	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{380}^{4}\ \Phi_{190}^{2}\ \Phi_{95}^{2}\ \Phi_{76}^{2}\ \Phi_{20}^{6}\ \Phi_{19}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
57586	1053	263	$\frac{14}{263}$	$\frac{20}{263}$	$\frac{81}{263}$	$\frac{83}{263}$	$\Phi_{263}^{4}\ \Phi_{1}^{5}$
57587	1053	512	$\frac{29}{512}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{161}{512}$	$\Phi_{512}^{2}\ \Phi_{256}^{2}\ \Phi_{128}^{2}\ \Phi_{64}^{2}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
57588	1053	590	$\frac{7}{118}$	$\frac{1}{10}$	$\frac{27}{118}$	$\frac{37}{118}$	$\Phi_{590}^{2}\ \Phi_{295}^{2}\ \Phi_{118}\ \Phi_{59}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
57589	1053	128	$\frac{1}{16}$	$\frac{11}{128}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{128}^{9}\ \Phi_{64}^{9}\ \Phi_{32}^{9}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
57590	1053	526	$\frac{37}{526}$	$\frac{45}{526}$	$\frac{121}{526}$	$\frac{163}{526}$	$\Phi_{526}^{2}\ \Phi_{263}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
57591	1053	352	$\frac{25}{352}$	$\frac{27}{352}$	$\frac{1}{4}$	$\frac{109}{352}$	$\Phi_{352}^{3}\ \Phi_{176}^{3}\ \Phi_{88}^{3}\ \Phi_{44}^{3}\ \Phi_{32}^{3}\ \Phi_{22}^{3}\ \Phi_{16}^{3}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
57592	1053	364	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{364}^{4}\ \Phi_{182}^{2}\ \Phi_{91}^{2}\ \Phi_{52}^{2}\ \Phi_{28}^{6}\ \Phi_{14}^{3}\ \Phi_{13}^{2}\ \Phi_{7}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
57593	1053	574	$\frac{1}{14}$	$\frac{7}{82}$	$\frac{19}{82}$	$\frac{25}{82}$	$\Phi_{574}^{2}\ \Phi_{287}^{2}\ \Phi_{82}\ \Phi_{41}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
57594	1053	526	$\frac{31}{526}$	$\frac{55}{526}$	$\frac{123}{526}$	$\frac{157}{526}$	$\Phi_{526}^{2}\ \Phi_{263}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
57595	1053	352	$\frac{19}{352}$	$\frac{37}{352}$	$\frac{1}{4}$	$\frac{105}{352}$	$\Phi_{352}^{3}\ \Phi_{176}^{3}\ \Phi_{88}^{3}\ \Phi_{44}^{3}\ \Phi_{32}^{3}\ \Phi_{22}^{3}\ \Phi_{16}^{3}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
57596	1053	252	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{63}^{6}\ \Phi_{36}^{4}\ \Phi_{28}^{3}\ \Phi_{18}^{5}\ \Phi_{14}^{3}\ \Phi_{9}^{5}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
57597	1053	1530	$\frac{4}{85}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{306}\ \Phi_{153}\ \Phi_{85}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
57598	1053	900	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{19}{100}$	$\frac{5}{18}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{225}^{2}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
57599	1053	288	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{288}^{6}\ \Phi_{144}^{4}\ \Phi_{72}^{4}\ \Phi_{36}^{4}\ \Phi_{32}^{3}\ \Phi_{18}^{5}\ \Phi_{16}^{2}\ \Phi_{9}^{5}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
57600	1053	792	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
57601	1053	90	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{90}^{16}\ \Phi_{45}^{16}\ \Phi_{18}^{17}\ \Phi_{10}^{8}\ \Phi_{9}^{17}\ \Phi_{5}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
57602	1053	160	$\frac{1}{32}$	$\frac{31}{160}$	$\frac{1}{4}$	$\frac{43}{160}$	$\Phi_{160}^{6}\ \Phi_{80}^{6}\ \Phi_{40}^{6}\ \Phi_{32}^{9}\ \Phi_{20}^{6}\ \Phi_{16}^{9}\ \Phi_{10}^{6}\ \Phi_{8}^{9}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
57603	1053	40	$\frac{1}{40}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{40}^{27}\ \Phi_{20}^{27}\ \Phi_{10}^{27}\ \Phi_{8}^{27}\ \Phi_{5}^{27}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
57604	1053	464	$\frac{3}{116}$	$\frac{113}{464}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{464}^{3}\ \Phi_{232}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
57605	1053	580	$\frac{1}{29}$	$\frac{28}{145}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{580}^{2}\ \Phi_{290}^{2}\ \Phi_{145}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
57606	1053	112	$\frac{1}{28}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{112}^{12}\ \Phi_{56}^{12}\ \Phi_{28}^{3}\ \Phi_{16}^{9}\ \Phi_{14}^{3}\ \Phi_{8}^{9}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
57607	1053	116	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{116}^{8}\ \Phi_{58}^{8}\ \Phi_{29}^{12}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{15}$
57608	1053	140	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^{8}\ \Phi_{70}^{10}\ \Phi_{35}^{10}\ \Phi_{28}^{4}\ \Phi_{20}^{4}\ \Phi_{14}^{5}\ \Phi_{10}^{5}\ \Phi_{7}^{5}\ \Phi_{5}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
57609	1053	128	$\frac{11}{128}$	$\frac{3}{32}$	$\frac{29}{128}$	$\frac{1}{4}$	$\Phi_{128}^{8}\ \Phi_{64}^{8}\ \Phi_{32}^{9}\ \Phi_{16}^{9}\ \Phi_{8}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
57610	1053	448	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{97}{448}$	$\frac{1}{4}$	$\Phi_{448}^{3}\ \Phi_{224}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
57611	1053	440	$\frac{1}{22}$	$\frac{21}{110}$	$\frac{89}{440}$	$\frac{1}{4}$	$\Phi_{440}^{3}\ \Phi_{220}\ \Phi_{110}^{2}\ \Phi_{88}^{3}\ \Phi_{55}^{2}\ \Phi_{44}^{3}\ \Phi_{40}^{3}\ \Phi_{22}^{3}\ \Phi_{20}\ \Phi_{11}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
57612	1053	1360	$\frac{4}{85}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{272}\ \Phi_{136}\ \Phi_{85}\ \Phi_{17}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
57613	1053	400	$\frac{1}{20}$	$\frac{3}{16}$	$\frac{19}{100}$	$\frac{1}{4}$	$\Phi_{400}^{4}\ \Phi_{200}^{4}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
57614	1053	1120	$\frac{67}{1120}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
57615	1053	32	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{32}^{39}\ \Phi_{16}^{27}\ \Phi_{8}^{27}\ \Phi_{4}^{26}\ \Phi_{2}^{26}\ \Phi_{1}^{27}$
57616	1053	176	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{176}^{8}\ \Phi_{88}^{5}\ \Phi_{44}^{5}\ \Phi_{22}^{5}\ \Phi_{16}\ \Phi_{11}^{5}\ \Phi_{8}\ \Phi_{1}$
57617	1053	80	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{80}^{16}\ \Phi_{40}^{16}\ \Phi_{16}^{17}\ \Phi_{10}^{8}\ \Phi_{8}^{17}\ \Phi_{5}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
57618	1053	44	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{2}{11}$	$\frac{1}{4}$	$\Phi_{44}^{23}\ \Phi_{22}^{23}\ \Phi_{11}^{27}\ \Phi_{4}^{22}\ \Phi_{2}^{22}\ \Phi_{1}^{27}$
57619	1053	1280	$\frac{3}{32}$	$\frac{29}{256}$	$\frac{227}{1280}$	$\frac{1}{4}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
57620	1054	1050	$\frac{2}{525}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{523}{1050}$	$\Phi_{1050}^{2}\ \Phi_{350}^{2}\ \Phi_{210}^{2}\ \Phi_{150}^{2}\ \Phi_{70}^{2}\ \Phi_{50}^{2}\ \Phi_{42}^{2}\ \Phi_{30}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
57621	1054	2112	$\frac{1}{176}$	$\frac{177}{704}$	$\frac{1}{3}$	$\frac{175}{352}$	$\Phi_{2112}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
57622	1054	3144	$\frac{3}{524}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{521}{1048}$	$\Phi_{3144}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
57623	1054	936	$\frac{1}{117}$	$\frac{59}{468}$	$\frac{409}{936}$	$\frac{58}{117}$	$\Phi_{936}^{2}\ \Phi_{312}^{2}\ \Phi_{117}\ \Phi_{104}^{2}\ \Phi_{72}^{2}\ \Phi_{39}\ \Phi_{24}^{2}\ \Phi_{13}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
57624	1054	702	$\frac{1}{117}$	$\frac{175}{702}$	$\frac{59}{234}$	$\frac{58}{117}$	$\Phi_{702}^{2}\ \Phi_{351}^{2}\ \Phi_{117}\ \Phi_{54}^{2}\ \Phi_{39}\ \Phi_{27}^{2}\ \Phi_{13}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
57625	1054	1044	$\frac{5}{522}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{517}{1044}$	$\Phi_{1044}^{2}\ \Phi_{348}^{2}\ \Phi_{116}^{2}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
57626	1054	1044	$\frac{5}{522}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{517}{1044}$	$\Phi_{1044}^{2}\ \Phi_{348}^{2}\ \Phi_{116}^{2}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
57627	1054	972	$\frac{1}{81}$	$\frac{41}{486}$	$\frac{445}{972}$	$\frac{40}{81}$	$\Phi_{972}^{2}\ \Phi_{324}^{2}\ \Phi_{108}^{2}\ \Phi_{81}\ \Phi_{36}^{2}\ \Phi_{27}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
57628	1054	729	$\frac{1}{81}$	$\frac{41}{243}$	$\frac{202}{729}$	$\frac{40}{81}$	$\Phi_{729}^{2}\ \Phi_{81}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
57629	1054	648	$\frac{1}{81}$	$\frac{121}{648}$	$\frac{41}{162}$	$\frac{40}{81}$	$\Phi_{648}^{2}\ \Phi_{324}^{2}\ \Phi_{216}^{2}\ \Phi_{108}^{2}\ \Phi_{81}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{27}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
57630	1054	1040	$\frac{7}{520}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{513}{1040}$	$\Phi_{1040}^{2}\ \Phi_{208}^{2}\ \Phi_{80}^{2}\ \Phi_{16}^{2}\ \Phi_{13}\ \Phi_{1}^{2}$
57631	1054	3120	$\frac{7}{520}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{513}{1040}$	$\Phi_{3120}\ \Phi_{624}\ \Phi_{240}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
57632	1054	1952	$\frac{1}{61}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{30}{61}$	$\Phi_{1952}\ \Phi_{61}\ \Phi_{32}^{2}\ \Phi_{1}^{2}$
57633	1054	1464	$\frac{1}{61}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{30}{61}$	$\Phi_{1464}\ \Phi_{732}\ \Phi_{366}\ \Phi_{183}\ \Phi_{61}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
57634	1054	1220	$\frac{1}{61}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{30}{61}$	$\Phi_{1220}\ \Phi_{610}\ \Phi_{305}\ \Phi_{61}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
57635	1054	3102	$\frac{10}{517}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{507}{1034}$	$\Phi_{3102}\ \Phi_{282}\ \Phi_{66}\ \Phi_{33}\ \Phi_{6}$
57636	1054	576	$\frac{1}{48}$	$\frac{49}{576}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{576}^{2}\ \Phi_{288}^{2}\ \Phi_{192}^{2}\ \Phi_{144}^{2}\ \Phi_{72}^{2}\ \Phi_{64}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
57637	1054	1032	$\frac{11}{516}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{505}{1032}$	$\Phi_{1032}^{2}\ \Phi_{344}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
57638	1054	1014	$\frac{1}{39}$	$\frac{20}{507}$	$\frac{487}{1014}$	$\frac{19}{39}$	$\Phi_{1014}^{2}\ \Phi_{338}^{2}\ \Phi_{78}^{2}\ \Phi_{39}\ \Phi_{26}^{2}\ \Phi_{13}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
57639	1054	1026	$\frac{14}{513}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{499}{1026}$	$\Phi_{1026}^{2}\ \Phi_{342}^{2}\ \Phi_{114}^{2}\ \Phi_{54}^{2}\ \Phi_{38}^{2}\ \Phi_{27}\ \Phi_{18}^{2}\ \Phi_{9}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
57640	1054	3072	$\frac{15}{512}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{497}{1024}$	$\Phi_{3072}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
57641	1054	660	$\frac{1}{33}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{16}{33}$	$\Phi_{660}^{3}\ \Phi_{220}^{3}\ \Phi_{132}^{3}\ \Phi_{60}^{4}\ \Phi_{44}^{3}\ \Phi_{33}\ \Phi_{20}^{4}\ \Phi_{12}^{4}\ \Phi_{11}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
57642	1054	33	$\frac{1}{33}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{33}^{32}\ \Phi_{11}^{32}\ \Phi_{3}^{31}\ \Phi_{1}^{32}$
57643	1054	495	$\frac{1}{33}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{16}{33}$	$\Phi_{495}^{3}\ \Phi_{99}^{3}\ \Phi_{45}^{4}\ \Phi_{33}\ \Phi_{11}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
57644	1054	1320	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{16}{33}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{264}\ \Phi_{220}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{60}\ \Phi_{44}\ \Phi_{40}^{2}\ \Phi_{33}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
57645	1054	1155	$\frac{1}{33}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{16}{33}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{105}\ \Phi_{77}\ \Phi_{35}^{2}\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
57646	1054	396	$\frac{1}{33}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{16}{33}$	$\Phi_{396}^{3}\ \Phi_{198}^{3}\ \Phi_{132}^{3}\ \Phi_{99}^{3}\ \Phi_{44}^{3}\ \Phi_{36}^{4}\ \Phi_{33}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{11}\ \Phi_{9}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
57647	1054	180	$\frac{1}{30}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{180}^{12}\ \Phi_{60}^{10}\ \Phi_{36}^{12}\ \Phi_{20}^{10}\ \Phi_{18}^{2}\ \Phi_{12}^{10}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
57648	1054	660	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{29}{60}$	$\Phi_{660}^{3}\ \Phi_{220}^{3}\ \Phi_{132}^{3}\ \Phi_{60}^{4}\ \Phi_{44}^{3}\ \Phi_{22}^{2}\ \Phi_{20}^{4}\ \Phi_{12}^{4}\ \Phi_{11}\ \Phi_{4}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
57649	1054	3036	$\frac{21}{506}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{485}{1012}$	$\Phi_{3036}\ \Phi_{276}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_{6}$
57650	1054	1008	$\frac{1}{24}$	$\frac{23}{504}$	$\frac{1}{3}$	$\frac{481}{1008}$	$\Phi_{1008}^{2}\ \Phi_{336}^{2}\ \Phi_{144}^{2}\ \Phi_{112}^{2}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
57651	1054	126	$\frac{1}{21}$	$\frac{1}{18}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{126}^{9}\,\Phi_{63}^{9}\,\Phi_{42}^{7}\,\Phi_{21}^{8}\,\Phi_{18}^{8}\,\Phi_{14}^{7}\,\Phi_{9}^{8}\,\Phi_{7}^{8}\,\Phi_{6}^{6}\,\Phi_{3}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{8}$
57652	1054	96	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{96}^{16}\,\Phi_{48}^{17}\,\Phi_{24}^{17}\,\Phi_{12}^{17}\,\Phi_{6}^{17}\,\Phi_{3}^{16}$
57653	1054	990	$\frac{1}{33}$	$\frac{32}{495}$	$\frac{1}{3}$	$\frac{463}{990}$	$\Phi_{990}^{2}\,\Phi_{330}^{2}\,\Phi_{198}^{2}\,\Phi_{110}^{2}\,\Phi_{90}^{2}\,\Phi_{66}^{2}\,\Phi_{33}^{2}\,\Phi_{30}^{2}\,\Phi_{22}^{2}\,\Phi_{18}^{2}\,\Phi_{11}^{2}\,\Phi_{10}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
57654	1054	780	$\frac{7}{260}$	$\frac{1}{13}$	$\frac{253}{780}$	$\frac{6}{13}$	$\Phi_{780}^{2}\,\Phi_{390}^{2}\,\Phi_{195}^{2}\,\Phi_{156}^{2}\,\Phi_{78}^{2}\,\Phi_{60}^{2}\,\Phi_{39}^{2}\,\Phi_{30}^{2}\,\Phi_{15}^{2}\,\Phi_{13}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
57655	1054	546	$\frac{19}{546}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{546}^{2}\,\Phi_{273}^{2}\,\Phi_{182}^{2}\,\Phi_{91}^{2}\,\Phi_{78}^{2}\,\Phi_{42}^{2}\,\Phi_{39}^{2}\,\Phi_{21}^{2}\,\Phi_{14}^{2}\,\Phi_{13}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
57656	1054	650	$\frac{7}{130}$	$\frac{1}{13}$	$\frac{123}{650}$	$\frac{6}{13}$	$\Phi_{650}^{2}\,\Phi_{325}^{2}\,\Phi_{50}^{2}\,\Phi_{25}^{2}\,\Phi_{13}\,\Phi_{1}^{2}$
57657	1054	624	$\frac{7}{104}$	$\frac{1}{13}$	$\frac{97}{624}$	$\frac{6}{13}$	$\Phi_{624}^{2}\,\Phi_{312}^{2}\,\Phi_{208}^{2}\,\Phi_{156}^{2}\,\Phi_{78}^{2}\,\Phi_{48}^{2}\,\Phi_{39}^{2}\,\Phi_{24}^{2}\,\Phi_{16}^{2}\,\Phi_{13}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
57658	1054	572	$\frac{1}{13}$	$\frac{45}{572}$	$\frac{7}{52}$	$\frac{6}{13}$	$\Phi_{572}^{2}\,\Phi_{286}^{2}\,\Phi_{143}^{2}\,\Phi_{44}^{2}\,\Phi_{22}^{2}\,\Phi_{13}\,\Phi_{11}^{2}\,\Phi_{1}^{2}$
57659	1054	585	$\frac{1}{13}$	$\frac{58}{585}$	$\frac{7}{65}$	$\frac{6}{13}$	$\Phi_{585}^{2}\,\Phi_{195}^{2}\,\Phi_{117}^{2}\,\Phi_{45}^{2}\,\Phi_{39}^{2}\,\Phi_{15}^{2}\,\Phi_{13}\,\Phi_{9}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
57660	1054	972	$\frac{1}{27}$	$\frac{41}{486}$	$\frac{13}{54}$	$\frac{445}{972}$	$\Phi_{972}^{2}\,\Phi_{324}^{2}\,\Phi_{108}^{2}\,\Phi_{54}^{2}\,\Phi_{36}^{2}\,\Phi_{27}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
57661	1054	2904	$\frac{1}{44}$	$\frac{43}{484}$	$\frac{1}{3}$	$\frac{441}{968}$	$\Phi_{2904}\,\Phi_{264}\,\Phi_{132}\,\Phi_{66}\,\Phi_{33}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}$
57662	1054	960	$\frac{1}{48}$	$\frac{47}{480}$	$\frac{1}{3}$	$\frac{433}{960}$	$\Phi_{960}^{2}\,\Phi_{320}^{2}\,\Phi_{192}^{2}\,\Phi_{64}^{2}\,\Phi_{48}^{2}\,\Phi_{24}^{2}\,\Phi_{16}^{2}\,\Phi_{12}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
57663	1054	280	$\frac{1}{35}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{280}^{7}\,\Phi_{140}\,\Phi_{70}\,\Phi_{56}^{6}\,\Phi_{40}^{7}\,\Phi_{28}\,\Phi_{20}\,\Phi_{14}\,\Phi_{10}\,\Phi_{8}^{6}$
57664	1054	504	$\frac{1}{18}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{504}^{4}\,\Phi_{168}^{4}\,\Phi_{126}\,\Phi_{72}^{4}\,\Phi_{63}\,\Phi_{56}^{2}\,\Phi_{42}\,\Phi_{24}^{4}\,\Phi_{21}\,\Phi_{14}\,\Phi_{8}^{2}$
57665	1054	783	$\frac{5}{261}$	$\frac{1}{9}$	$\frac{256}{783}$	$\frac{4}{9}$	$\Phi_{783}^{2}\,\Phi_{27}^{2}\,\Phi_{9}\,\Phi_{3}\,\Phi_{1}^{2}$
57666	1054	540	$\frac{13}{540}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{540}^{2}\,\Phi_{270}^{2}\,\Phi_{180}^{2}\,\Phi_{135}^{2}\,\Phi_{108}^{2}\,\Phi_{90}^{2}\,\Phi_{60}^{2}\,\Phi_{54}^{2}\,\Phi_{45}^{2}\,\Phi_{36}^{2}\,\Phi_{30}^{2}\,\Phi_{27}^{2}\,\Phi_{20}^{2}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{10}^{2}\,\Phi_{9}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
57667	1054	36	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{36}^{34}\,\Phi_{18}^{24}\,\Phi_{12}^{34}\,\Phi_{9}^{25}\,\Phi_{6}^{24}\,\Phi_{4}^{34}\,\Phi_{3}^{25}\,\Phi_{2}^{24}\,\Phi_{1}^{26}$
57668	1054	945	$\frac{1}{27}$	$\frac{109}{945}$	$\frac{26}{135}$	$\frac{418}{945}$	$\Phi_{945}\,\Phi_{315}\,\Phi_{189}\,\Phi_{135}^{2}\,\Phi_{105}\,\Phi_{63}\,\Phi_{45}^{2}\,\Phi_{35}\,\Phi_{27}\,\Phi_{21}\,\Phi_{15}^{2}\,\Phi_{9}\,\Phi_{7}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
57669	1054	648	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{121}{648}$	$\frac{95}{216}$	$\Phi_{648}^{2}\,\Phi_{324}^{2}\,\Phi_{162}^{2}\,\Phi_{108}^{2}\,\Phi_{81}^{2}\,\Phi_{54}^{2}\,\Phi_{36}^{2}\,\Phi_{27}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
57670	1054	936	$\frac{1}{39}$	$\frac{59}{468}$	$\frac{19}{78}$	$\frac{409}{936}$	$\Phi_{936}^{2}\,\Phi_{312}^{2}\,\Phi_{104}^{2}\,\Phi_{78}^{2}\,\Phi_{72}^{2}\,\Phi_{39}\,\Phi_{26}^{2}\,\Phi_{24}^{2}\,\Phi_{13}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
57671	1054	630	$\frac{1}{63}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{630}^{3}\,\Phi_{210}^{3}\,\Phi_{126}^{3}\,\Phi_{90}^{3}\,\Phi_{70}^{3}\,\Phi_{63}^{2}\,\Phi_{42}^{3}\,\Phi_{30}^{2}\,\Phi_{21}^{2}\,\Phi_{18}^{3}\,\Phi_{14}^{3}\,\Phi_{10}^{2}\,\Phi_{9}^{2}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
57672	1054	480	$\frac{1}{32}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{480}^{2}\,\Phi_{240}^{2}\,\Phi_{160}^{3}\,\Phi_{120}^{2}\,\Phi_{96}^{2}\,\Phi_{80}^{3}\,\Phi_{60}^{2}\,\Phi_{48}^{2}\,\Phi_{40}^{3}\,\Phi_{32}^{2}\,\Phi_{24}^{2}\,\Phi_{20}^{3}\,\Phi_{16}^{2}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{10}\,\Phi_{8}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
57673	1054	924	$\frac{1}{66}$	$\frac{65}{462}$	$\frac{1}{3}$	$\frac{397}{924}$	$\Phi_{924}^{2}\,\Phi_{308}^{2}\,\Phi_{132}^{2}\,\Phi_{84}^{2}\,\Phi_{66}^{2}\,\Phi_{44}^{2}\,\Phi_{33}^{2}\,\Phi_{28}^{2}\,\Phi_{22}^{2}\,\Phi_{12}^{2}\,\Phi_{11}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
57674	1054	672	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{672}^{2}\,\Phi_{336}^{2}\,\Phi_{224}\,\Phi_{168}^{2}\,\Phi_{112}\,\Phi_{96}^{2}\,\Phi_{84}^{2}\,\Phi_{56}\,\Phi_{48}^{2}\,\Phi_{42}^{2}\,\Phi_{28}\,\Phi_{24}^{2}\,\Phi_{14}\,\Phi_{12}^{2}\,\Phi_{6}^{2}$
57675	1054	630	$\frac{1}{18}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{630}^{2}\,\Phi_{315}^{2}\,\Phi_{210}^{2}\,\Phi_{126}\,\Phi_{105}^{2}\,\Phi_{90}^{2}\,\Phi_{70}^{2}\,\Phi_{63}\,\Phi_{45}^{2}\,\Phi_{42}\,\Phi_{30}^{2}\,\Phi_{21}\,\Phi_{15}^{2}\,\Phi_{14}\,\Phi_{10}^{2}$
57676	1054	54	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{54}^{16}\,\Phi_{27}^{18}\,\Phi_{18}^{24}\,\Phi_{9}^{25}\,\Phi_{6}^{24}\,\Phi_{3}^{25}\,\Phi_{2}^{24}\,\Phi_{1}^{26}$
57677	1054	504	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{504}^{3}\,\Phi_{168}^{3}\,\Phi_{126}^{3}\,\Phi_{72}^{3}\,\Phi_{63}^{2}\,\Phi_{56}^{3}\,\Phi_{42}^{3}\,\Phi_{24}^{2}\,\Phi_{21}^{2}\,\Phi_{18}^{3}\,\Phi_{14}^{3}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
57678	1054	2640	$\frac{1}{88}$	$\frac{87}{440}$	$\frac{1}{3}$	$\frac{353}{880}$	$\Phi_{2640}\,\Phi_{528}\,\Phi_{264}\,\Phi_{240}\,\Phi_{132}\,\Phi_{66}\,\Phi_{48}\,\Phi_{33}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}$
57679	1054	160	$\frac{1}{32}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{160}^{7}\,\Phi_{80}^{7}\,\Phi_{40}^{7}\,\Phi_{32}^{6}\,\Phi_{20}^{5}\,\Phi_{16}^{6}\,\Phi_{10}^{5}\,\Phi_{8}^{6}\,\Phi_{5}^{6}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
57680	1054	224	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{224}^{5}\,\Phi_{112}^{5}\,\Phi_{56}^{5}\,\Phi_{32}^{4}\,\Phi_{28}^{3}\,\Phi_{16}^{4}\,\Phi_{14}^{5}\,\Phi_{8}^{4}\,\Phi_{7}^{4}\,\Phi_{4}^{2}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
57681	1054	864	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{95}{432}$	$\frac{337}{864}$	$\Phi_{864}^{2}\,\Phi_{288}^{2}\,\Phi_{108}^{2}\,\Phi_{96}^{2}\,\Phi_{54}^{2}\,\Phi_{36}^{2}\,\Phi_{32}^{2}\,\Phi_{27}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
57682	1054	624	$\frac{1}{39}$	$\frac{97}{624}$	$\frac{19}{78}$	$\frac{59}{156}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57683	1054	819	$\frac{1}{39}$	$\frac{38}{273}$	$\frac{235}{819}$	$\frac{292}{819}$	$\Phi_{819}\ \Phi_{273}^2\ \Phi_{117}\ \Phi_{91}^2\ \Phi_{63}\ \Phi_{39}\ \Phi_{21}^2\ \Phi_{13}\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
57684	1054	1680	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
57685	1054	810	$\frac{1}{27}$	$\frac{13}{135}$	$\frac{122}{405}$	$\frac{283}{810}$	$\Phi_{810}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57686	1054	130	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{130}^{13}\ \Phi_{65}^4\ \Phi_{26}^{10}\ \Phi_{13}^3\ \Phi_{10}^{13}\ \Phi_5^4\ \Phi_2^{10}\ \Phi_1^4$
57687	1054	792	$\frac{1}{132}$	$\frac{131}{396}$	$\frac{1}{3}$	$\frac{265}{792}$	$\Phi_{792}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57688	1054	630	$\frac{2}{105}$	$\frac{103}{630}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57689	1054	540	$\frac{13}{540}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57690	1054	600	$\frac{2}{75}$	$\frac{73}{600}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57691	1054	546	$\frac{19}{546}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57692	1054	198	$\frac{1}{18}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{198}^6\ \Phi_{99}^6\ \Phi_{66}^6\ \Phi_{33}^4\ \Phi_{22}^6\ \Phi_{18}^2\ \Phi_{11}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57693	1054	594	$\frac{1}{33}$	$\frac{67}{594}$	$\frac{32}{99}$	$\frac{1}{3}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57694	1054	576	$\frac{1}{24}$	$\frac{49}{576}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57695	1054	768	$\frac{15}{256}$	$\frac{1}{16}$	$\frac{241}{768}$	$\frac{1}{3}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}^2\ \Phi_{192}\ \Phi_{128}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57696	1054	90	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{90}^{12}\ \Phi_{45}^{10}\ \Phi_{30}^{12}\ \Phi_{18}^{14}\ \Phi_{15}^{12}\ \Phi_{10}^{12}\ \Phi_9^{12}\ \Phi_6^{14}\ \Phi_5^{12}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
57697	1054	96	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{96}^9\ \Phi_{48}^9\ \Phi_{32}^{16}\ \Phi_{24}^8\ \Phi_{16}^{16}\ \Phi_{12}^8\ \Phi_8^{14}\ \Phi_6^8\ \Phi_4^{14}\ \Phi_3^7\ \Phi_2^{14}\ \Phi_1^{14}$
57698	1054	540	$\frac{13}{540}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57699	1054	720	$\frac{1}{48}$	$\frac{47}{240}$	$\frac{193}{720}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57700	1054	480	$\frac{1}{32}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{120}^4\ \Phi_{96}\ \Phi_{60}^3\ \Phi_{48}\ \Phi_{30}^3\ \Phi_{24}\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
57701	1054	696	$\frac{5}{174}$	$\frac{1}{6}$	$\frac{169}{696}$	$\frac{1}{3}$	$\Phi_{696}^2\ \Phi_{348}^2\ \Phi_{232}^2\ \Phi_{116}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57702	1054	576	$\frac{1}{16}$	$\frac{49}{576}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}\ \Phi_{144}^2\ \Phi_{96}\ \Phi_{72}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57703	1054	66	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{66}^{20}\ \Phi_{33}^{11}\ \Phi_{22}^{22}\ \Phi_{11}^{12}\ \Phi_6^{20}\ \Phi_3^{10}\ \Phi_2^{22}\ \Phi_1^{12}$
57704	1054	360	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^3\ \Phi_{72}^4\ \Phi_{60}^3\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57705	1054	672	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{145}{672}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57706	1054	660	$\frac{1}{33}$	$\frac{32}{165}$	$\frac{133}{660}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57707	1054	630	$\frac{1}{18}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57708	1054	1920	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{113}{640}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
57709	1054	1680	$\frac{33}{560}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
57710	1054	450	$\frac{1}{18}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{450}^3\ \Phi_{225}^3\ \Phi_{150}^3\ \Phi_{75}^2\ \Phi_{50}^3\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57711	1054	36	$\frac{1}{18}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{36}^{34}\ \Phi_{18}^{24}\ \Phi_{12}^{34}\ \Phi_9^{24}\ \Phi_6^{26}\ \Phi_4^{34}\ \Phi_3^{25}\ \Phi_2^{26}\ \Phi_1^{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
57712	1054	624	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{97}{624}$	$\frac{1}{3}$	$\Phi_{624}^2\ \Phi_{312}\ \Phi_{208}^2\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57713	1054	990	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{14}{45}$	$\Phi_{990}^2\ \Phi_{495}\ \Phi_{198}^2\ \Phi_{99}\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
57714	1054	162	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{162}^9\ \Phi_{81}^8\ \Phi_{18}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
57715	1054	1440	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}$
57716	1054	126	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{126}^9\ \Phi_{63}^9\ \Phi_{42}^7\ \Phi_{21}^7\ \Phi_{18}^8\ \Phi_{14}^9\ \Phi_9^8\ \Phi_7^8\ \Phi_6^6\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
57717	1054	648	$\frac{1}{27}$	$\frac{121}{648}$	$\frac{13}{54}$	$\frac{41}{162}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57718	1054	702	$\frac{1}{39}$	$\frac{19}{78}$	$\frac{175}{702}$	$\frac{59}{234}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{78}^2\ \Phi_{54}^2\ \Phi_{39}\ \Phi_{27}^2\ \Phi_{26}^2\ \Phi_{13}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
57719	1054	440	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{5}{22}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{40}^4\ \Phi_{22}^2\ \Phi_{20}^4\ \Phi_{11}\ \Phi_8^4\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
57720	1054	770	$\frac{1}{11}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{5}{22}$	$\Phi_{770}^2\ \Phi_{385}\ \Phi_{154}^2\ \Phi_{77}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_2^2\ \Phi_1^2$
57721	1054	396	$\frac{1}{11}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{5}{22}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^3\ \Phi_{99}^3\ \Phi_{44}^3\ \Phi_{36}^4\ \Phi_{22}^2\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{11}\ \Phi_9^4\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
57722	1055	840	$\frac{1}{210}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{209}{420}$	$\Phi_{840}^2\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
57723	1055	1248	$\frac{3}{208}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{205}{416}$	$\Phi_{1248}^2\ \Phi_{416}\ \Phi_{96}^2\ \Phi_{32}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
57724	1055	1984	$\frac{1}{62}$	$\frac{63}{992}$	$\frac{929}{1984}$	$\frac{61}{124}$	$\Phi_{1984}\ \Phi_{124}\ \Phi_{64}\ \Phi_4\ \Phi_1$
57725	1055	1488	$\frac{1}{62}$	$\frac{63}{496}$	$\frac{433}{1488}$	$\frac{61}{124}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
57726	1055	248	$\frac{1}{62}$	$\frac{37}{248}$	$\frac{63}{248}$	$\frac{61}{124}$	$\Phi_{248}^4\ \Phi_{124}^5\ \Phi_{62}^4\ \Phi_{31}^4\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
57727	1055	408	$\frac{1}{34}$	$\frac{7}{204}$	$\frac{197}{408}$	$\frac{33}{68}$	$\Phi_{408}^5\ \Phi_{136}^5\ \Phi_{68}\ \Phi_{24}^5\ \Phi_8^5\ \Phi_4\ \Phi_1$
57728	1055	272	$\frac{1}{34}$	$\frac{7}{68}$	$\frac{61}{272}$	$\frac{33}{68}$	$\Phi_{272}^5\ \Phi_{136}^5\ \Phi_{68}\ \Phi_{16}^5\ \Phi_8^5\ \Phi_4\ \Phi_1$
57729	1055	1224	$\frac{1}{34}$	$\frac{169}{1224}$	$\frac{35}{204}$	$\frac{33}{68}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
57730	1055	408	$\frac{7}{204}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{197}{408}$	$\Phi_{408}^5\ \Phi_{136}^5\ \Phi_{51}\ \Phi_{24}^5\ \Phi_8^5\ \Phi_3\ \Phi_1$
57731	1055	408	$\frac{7}{204}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{197}{408}$	$\Phi_{408}^5\ \Phi_{136}^5\ \Phi_{24}^5\ \Phi_{17}^2\ \Phi_8^5\ \Phi_1^3$
57732	1055	1428	$\frac{16}{357}$	$\frac{1}{17}$	$\frac{373}{1428}$	$\frac{341}{714}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{357}\ \Phi_{204}\ \Phi_{119}\ \Phi_{84}\ \Phi_{68}\ \Phi_{51}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_3\ \Phi_1$
57733	1055	1224	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{169}{1224}$	$\frac{137}{306}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{204}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
57734	1055	1904	$\frac{1}{34}$	$\frac{103}{952}$	$\frac{33}{136}$	$\frac{849}{1904}$	$\Phi_{1904}\ \Phi_{272}\ \Phi_{136}\ \Phi_{112}\ \Phi_{68}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
57735	1055	1904	$\frac{1}{17}$	$\frac{103}{952}$	$\frac{16}{119}$	$\frac{849}{1904}$	$\Phi_{1904}\ \Phi_{272}\ \Phi_{119}\ \Phi_{112}\ \Phi_{16}\ \Phi_7\ \Phi_1$
57736	1055	372	$\frac{1}{62}$	$\frac{25}{186}$	$\frac{61}{186}$	$\frac{161}{372}$	$\Phi_{372}^5\ \Phi_{186}\ \Phi_{124}^5\ \Phi_{93}\ \Phi_{12}^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
57737	1055	372	$\frac{1}{31}$	$\frac{25}{186}$	$\frac{6}{31}$	$\frac{161}{372}$	$\Phi_{372}^5\ \Phi_{124}^5\ \Phi_{31}^4\ \Phi_{12}^5\ \Phi_4^5\ \Phi_1^5$
57738	1055	238	$\frac{1}{17}$	$\frac{27}{238}$	$\frac{16}{119}$	$\frac{103}{238}$	$\Phi_{238}^4\ \Phi_{119}^5\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_{14}^4\ \Phi_7^5\ \Phi_2^4\ \Phi_1^5$
57739	1055	1302	$\frac{1}{31}$	$\frac{30}{217}$	$\frac{247}{1302}$	$\frac{187}{434}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{217}\ \Phi_{186}\ \Phi_{93}\ \Phi_{42}\ \Phi_{21}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
57740	1055	1836	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{137}{918}$	$\frac{781}{1836}$	$\Phi_{1836}\ \Phi_{612}\ \Phi_{204}\ \Phi_{153}\ \Phi_{108}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
57741	1055	1488	$\frac{1}{62}$	$\frac{61}{372}$	$\frac{433}{1488}$	$\frac{311}{744}$	$\Phi_{1488}\ \Phi_{496}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
57742	1055	221	$\frac{10}{221}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{221}^5\ \Phi_{17}^2\ \Phi_{13}^5\ \Phi_1^3$
57743	1055	248	$\frac{1}{31}$	$\frac{37}{248}$	$\frac{6}{31}$	$\frac{25}{62}$	$\Phi_{248}^5\ \Phi_{124}^5\ \Phi_{31}^4\ \Phi_8^5\ \Phi_4^5\ \Phi_1^5$
57744	1055	1736	$\frac{1}{31}$	$\frac{30}{217}$	$\frac{187}{868}$	$\frac{681}{1736}$	$\Phi_{1736}\ \Phi_{248}\ \Phi_{217}\ \Phi_{56}\ \Phi_8\ \Phi_7\ \Phi_1$
57745	1055	1704	$\frac{2}{213}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1704}\ \Phi_{568}\ \Phi_{213}\ \Phi_{71}\ \Phi_8\ \Phi_1$
57746	1055	2520	$\frac{1}{105}$	$\frac{1}{4}$	$\frac{104}{315}$	$\frac{3}{8}$	$\Phi_{2520}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{72}\ \Phi_{63}\ \Phi_{45}\ \Phi_9\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
57747	1055	280	$\frac{1}{70}$	$\frac{69}{280}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^3\ \Phi_{140}^5\ \Phi_{70}^4\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^4\ \Phi_{28}^5\ \Phi_{20}^5\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_5^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
57748	1055	1720	$\frac{4}{215}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1720}\ \Phi_{344}\ \Phi_{215}\ \Phi_{43}\ \Phi_8\ \Phi_1$
57749	1055	216	$\frac{5}{216}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^5\ \Phi_{108}^5\ \Phi_{72}^5\ \Phi_{54}^5\ \Phi_{36}^5\ \Phi_{27}^5\ \Phi_{24}^3\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
57750	1055	504	$\frac{1}{42}$	$\frac{41}{252}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^4\ \Phi_{252}\ \Phi_{168}^2\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}^4\ \Phi_{63}\ \Phi_{56}^2\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8^3\ \Phi_4\ \Phi_1$
57751	1055	1736	$\frac{6}{217}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1736}\ \Phi_{248}\ \Phi_{217}\ \Phi_{31}\ \Phi_8\ \Phi_1$
57752	1055	1960	$\frac{1}{35}$	$\frac{34}{245}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1960}\ \Phi_{392}\ \Phi_{245}\ \Phi_{49}\ \Phi_8\ \Phi_1$
57753	1055	240	$\frac{1}{30}$	$\frac{29}{240}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{240}^5\ \Phi_{120}^3\ \Phi_{80}^5\ \Phi_{60}^5\ \Phi_{48}^5\ \Phi_{40}^3\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^5\ \Phi_{16}^5\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
57754	1055	440	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^4\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}^4\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}^2\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_8^3\ \Phi_4\ \Phi_1$
57755	1055	1848	$\frac{1}{21}$	$\frac{20}{231}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{231}\ \Phi_{88}\ \Phi_{77}\ \Phi_{33}\ \Phi_{11}\ \Phi_8\ \Phi_1$
57756	1055	224	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{224}^5\ \Phi_{112}^5\ \Phi_{56}^3\ \Phi_{32}^5\ \Phi_{28}^5\ \Phi_{16}^5\ \Phi_{14}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
57757	1055	1800	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{75}\ \Phi_{72}\ \Phi_{45}\ \Phi_{25}\ \Phi_9\ \Phi_8\ \Phi_1$
57758	1055	1632	$\frac{1}{34}$	$\frac{33}{272}$	$\frac{239}{816}$	$\frac{577}{1632}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{96}\ \Phi_{68}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
57759	1055	1122	$\frac{1}{17}$	$\frac{67}{1122}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{374}\ \Phi_{187}\ \Phi_{66}\ \Phi_{51}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_3\ \Phi_1$
57760	1055	318	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{52}{159}$	$\frac{107}{318}$	$\Phi_{318}^3\ \Phi_{159}^4\ \Phi_{106}^3\ \Phi_{53}^3\ \Phi_6^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
57761	1055	312	$\frac{3}{104}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{101}{312}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{104}^4\ \Phi_{78}^3\ \Phi_{52}^4\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{24}^3\ \Phi_{13}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
57762	1055	306	$\frac{1}{17}$	$\frac{7}{102}$	$\frac{95}{306}$	$\frac{16}{51}$	$\Phi_{306}^5\ \Phi_{153}^5\ \Phi_{51}\ \Phi_{18}^5\ \Phi_9^5\ \Phi_3\ \Phi_1$
57763	1055	255	$\frac{1}{17}$	$\frac{7}{51}$	$\frac{44}{255}$	$\frac{16}{51}$	$\Phi_{255}^5\ \Phi_{85}^5\ \Phi_{51}\ \Phi_{15}^5\ \Phi_5^5\ \Phi_3\ \Phi_1$
57764	1055	1224	$\frac{1}{17}$	$\frac{169}{1224}$	$\frac{35}{204}$	$\frac{16}{51}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}\ \Phi_{51}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
57765	1055	306	$\frac{7}{102}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{95}{306}$	$\Phi_{306}^5\ \Phi_{153}^5\ \Phi_{18}^5\ \Phi_{17}^2\ \Phi_9^5\ \Phi_1^3$
57766	1055	1377	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{322}{1377}$	$\frac{137}{459}$	$\Phi_{1377}\ \Phi_{153}\ \Phi_{81}\ \Phi_{51}\ \Phi_9\ \Phi_3\ \Phi_1$
57767	1055	279	$\frac{1}{31}$	$\frac{6}{31}$	$\frac{68}{279}$	$\frac{25}{93}$	$\Phi_{279}^5\ \Phi_{31}^4\ \Phi_9^5\ \Phi_1^5$
57768	1055	1428	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{103}{476}$	$\frac{373}{1428}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{357}\ \Phi_{204}\ \Phi_{119}\ \Phi_{102}\ \Phi_{84}\ \Phi_{51}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
57769	1055	780	$\frac{3}{52}$	$\frac{1}{6}$	$\frac{49}{260}$	$\frac{1}{4}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}\ \Phi_{195}^2\ \Phi_{130}\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
57770	1055	672	$\frac{13}{224}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}\ \Phi_{168}^2\ \Phi_{112}\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
57771	1055	272	$\frac{7}{68}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{61}{272}$	$\Phi_{272}^5\ \Phi_{136}^5\ \Phi_{17}^2\ \Phi_{16}^5\ \Phi_8^5\ \Phi_1^3$
57772	1055	238	$\frac{27}{238}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{34}$	$\Phi_{238}^5\ \Phi_{119}^5\ \Phi_{17}^2\ \Phi_{14}^5\ \Phi_7^5\ \Phi_1^3$
57773	1055	255	$\frac{2}{17}$	$\frac{7}{51}$	$\frac{44}{255}$	$\frac{3}{17}$	$\Phi_{255}^5\ \Phi_{85}^5\ \Phi_{17}^2\ \Phi_{15}^5\ \Phi_5^5\ \Phi_1^3$
57774	1056	789	$\frac{1}{263}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{131}{263}$	$\Phi_{789}\ \Phi_{263}^2\ \Phi_3^2\ \Phi_1^4$
57775	1056	211	$\frac{1}{211}$	$\frac{53}{211}$	$\frac{79}{211}$	$\frac{105}{211}$	$\Phi_{211}^5\ \Phi_1^6$
57776	1056	1587	$\frac{3}{529}$	$\frac{133}{529}$	$\frac{1}{3}$	$\frac{263}{529}$	$\Phi_{1587}\ \Phi_{69}$
57777	1056	175	$\frac{1}{175}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{87}{175}$	$\Phi_{175}^6\ \Phi_{35}^6\ \Phi_{25}^6\ \Phi_7^6\ \Phi_5^7\ \Phi_1^8$
57778	1056	2100	$\frac{1}{175}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{87}{175}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
57779	1056	1055	$\frac{7}{1055}$	$\frac{177}{1055}$	$\frac{439}{1055}$	$\frac{524}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_5\ \Phi_1^2$
57780	1056	917	$\frac{1}{131}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{65}{131}$	$\Phi_{917}\ \Phi_{131}^2\ \Phi_7^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
57781	1056	1965	$\frac{1}{131}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{65}{131}$	$\Phi_{1965}\ \Phi_{15}^2$
57782	1056	1412	$\frac{3}{353}$	$\frac{1}{4}$	$\frac{89}{353}$	$\frac{175}{353}$	$\Phi_{1412}\ \Phi_{706}$
57783	1056	1055	$\frac{9}{1055}$	$\frac{133}{1055}$	$\frac{461}{1055}$	$\frac{523}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_5\ \Phi_1^2$
57784	1056	1055	$\frac{9}{1055}$	$\frac{263}{1055}$	$\frac{266}{1055}$	$\frac{523}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_5\ \Phi_1^2$
57785	1056	1587	$\frac{5}{529}$	$\frac{89}{529}$	$\frac{1}{3}$	$\frac{262}{529}$	$\Phi_{1587}\ \Phi_{69}$
57786	1056	380	$\frac{1}{95}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{47}{95}$	$\Phi_{380}^5\ \Phi_{95}\ \Phi_{76}^5\ \Phi_{20}^6\ \Phi_{19}\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
57787	1056	285	$\frac{1}{95}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{47}{95}$	$\Phi_{285}^5\ \Phi_{95}\ \Phi_{57}^5\ \Phi_{19}\ \Phi_{15}^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
57788	1056	265	$\frac{3}{265}$	$\frac{1}{5}$	$\frac{67}{265}$	$\frac{131}{265}$	$\Phi_{265}^4\ \Phi_{53}^4\ \Phi_5^3\ \Phi_1^4$
57789	1056	957	$\frac{1}{87}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{43}{87}$	$\Phi_{957}\ \Phi_{319}\ \Phi_{87}^2\ \Phi_{33}\ \Phi_{29}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
57790	1056	609	$\frac{1}{87}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{43}{87}$	$\Phi_{609}^2\ \Phi_{203}^2\ \Phi_{21}^3\ \Phi_7^2$
57791	1056	957	$\frac{1}{87}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{43}{87}$	$\Phi_{957}\ \Phi_{319}\ \Phi_{87}^2\ \Phi_{33}\ \Phi_{29}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
57792	1056	1740	$\frac{1}{87}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{43}{87}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{290}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
57793	1056	1055	$\frac{13}{1055}$	$\frac{89}{1055}$	$\frac{483}{1055}$	$\frac{521}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_5\ \Phi_1^2$
57794	1056	1055	$\frac{13}{1055}$	$\frac{197}{1055}$	$\frac{267}{1055}$	$\frac{521}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_5\ \Phi_1^2$
57795	1056	1587	$\frac{7}{529}$	$\frac{67}{529}$	$\frac{1}{3}$	$\frac{261}{529}$	$\Phi_{1587}\ \Phi_{69}$
57796	1056	195	$\frac{1}{65}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{32}{65}$	$\Phi_{195}^5\ \Phi_{65}^6\ \Phi_{39}^5\ \Phi_{15}^6\ \Phi_{13}^6\ \Phi_5^7\ \Phi_3^6\ \Phi_1^8$
57797	1056	585	$\frac{1}{65}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{32}{65}$	$\Phi_{585}^2\ \Phi_{195}\ \Phi_{117}^2\ \Phi_{65}^2\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
57798	1056	65	$\frac{1}{65}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{32}{65}$	$\Phi_{65}^{16}\ \Phi_{13}^{16}\ \Phi_5^{19}\ \Phi_1^{20}$
57799	1056	1055	$\frac{17}{1055}$	$\frac{67}{1055}$	$\frac{494}{1055}$	$\frac{519}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_5\ \Phi_1^2$
57800	1056	1055	$\frac{17}{1055}$	$\frac{134}{1055}$	$\frac{307}{1055}$	$\frac{519}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_5\ \Phi_1^2$
57801	1056	413	$\frac{1}{59}$	$\frac{1}{7}$	$\frac{15}{59}$	$\frac{29}{59}$	$\Phi_{413}^3\ \Phi_7^2$
57802	1056	1055	$\frac{19}{1055}$	$\frac{179}{1055}$	$\frac{219}{1055}$	$\frac{518}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_5\ \Phi_1^2$
57803	1056	265	$\frac{1}{53}$	$\frac{9}{53}$	$\frac{1}{5}$	$\frac{26}{53}$	$\Phi_{265}^5\ \Phi_5^4$
57804	1056	1412	$\frac{7}{353}$	$\frac{45}{353}$	$\frac{1}{4}$	$\frac{173}{353}$	$\Phi_{1412}\ \Phi_{706}$
57805	1056	1055	$\frac{21}{1055}$	$\frac{131}{1055}$	$\frac{269}{1055}$	$\frac{517}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_5\ \Phi_1^2$
57806	1056	1587	$\frac{11}{529}$	$\frac{45}{529}$	$\frac{1}{3}$	$\frac{259}{529}$	$\Phi_{1587}\ \Phi_{69}$
57807	1056	987	$\frac{1}{47}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{23}{47}$	$\Phi_{987}\ \Phi_{329}\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
57808	1056	564	$\frac{1}{47}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{564}^2\ \Phi_{282}^2\ \Phi_{188}^2\ \Phi_{141}\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
57809	1056	658	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{23}{47}$	$\Phi_{658}^2\ \Phi_{329}\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
57810	1056	1055	$\frac{23}{1055}$	$\frac{49}{1055}$	$\frac{503}{1055}$	$\frac{516}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_5\ \Phi_1^2$
57811	1056	1197	$\frac{3}{133}$	$\frac{1}{9}$	$\frac{34}{133}$	$\frac{65}{133}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{171}\ \Phi_{63}\ \Phi_{57}\ \Phi_{21}$
57812	1056	989	$\frac{1}{43}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{21}{43}$	$\Phi_{989}\ \Phi_{43}^2\ \Phi_{23}^2\ \Phi_1^4$
57813	1056	1677	$\frac{1}{43}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{1677}\ \Phi_{39}^2$
57814	1056	989	$\frac{1}{43}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{21}{43}$	$\Phi_{989}\ \Phi_{43}^2\ \Phi_{23}^2\ \Phi_1^4$
57815	1056	1548	$\frac{1}{43}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{21}{43}$	$\Phi_{1548}\ \Phi_{774}\ \Phi_{516}\ \Phi_{258}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
57816	1056	989	$\frac{1}{43}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{21}{43}$	$\Phi_{989}\ \Phi_{43}^2\ \Phi_{23}^2\ \Phi_1^4$
57817	1056	1505	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{21}{43}$	$\Phi_{1505}\ \Phi_{35}^2$
57818	1056	211	$\frac{5}{211}$	$\frac{9}{211}$	$\frac{101}{211}$	$\frac{103}{211}$	$\Phi_{211}^5\ \Phi_1^6$
57819	1056	211	$\frac{5}{211}$	$\frac{27}{211}$	$\frac{46}{211}$	$\frac{103}{211}$	$\Phi_{211}^5\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
57820	1056	265	$\frac{7}{265}$	$\frac{34}{265}$	$\frac{1}{5}$	$\frac{129}{265}$	$\Phi_{265}^4\ \Phi_{53}^4\ \Phi_5^3\ \Phi_1^4$
57821	1056	1055	$\frac{29}{1055}$	$\frac{98}{1055}$	$\frac{271}{1055}$	$\frac{513}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_5\ \Phi_1^2$
57822	1056	1587	$\frac{15}{529}$	$\frac{34}{529}$	$\frac{1}{3}$	$\frac{257}{529}$	$\Phi_{1587}\ \Phi_{69}$
57823	1056	1164	$\frac{3}{97}$	$\frac{1}{12}$	$\frac{25}{97}$	$\frac{47}{97}$	$\Phi_{1164}\ \Phi_{582}\ \Phi_{388}\ \Phi_{291}\ \Phi_{194}$
57824	1056	1984	$\frac{1}{32}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{31}{64}$	$\Phi_{1984}\ \Phi_{64}^2\ \Phi_{31}\ \Phi_1^2$
57825	1056	3264	$\frac{1}{32}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{3264}\ \Phi_{51}$
57826	1056	1984	$\frac{1}{32}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{31}{64}$	$\Phi_{1984}\ \Phi_{64}^2\ \Phi_{31}\ \Phi_1^2$
57827	1056	2880	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{31}{64}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{45}\ \Phi_{15}$
57828	1056	1055	$\frac{33}{1055}$	$\frac{68}{1055}$	$\frac{329}{1055}$	$\frac{511}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_5\ \Phi_1^2$
57829	1056	496	$\frac{1}{31}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{15}{31}$	$\Phi_{496}^2\ \Phi_{248}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}^3\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
57830	1056	372	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{372}^3\ \Phi_{186}^3\ \Phi_{124}^2\ \Phi_{93}^3\ \Phi_{62}^2\ \Phi_{31}^3\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
57831	1056	1240	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{15}{31}$	$\Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{155}\ \Phi_{40}^2\ \Phi_{31}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
57832	1056	1157	$\frac{3}{89}$	$\frac{1}{13}$	$\frac{23}{89}$	$\frac{43}{89}$	Φ_{1157}
57833	1056	1055	$\frac{37}{1055}$	$\frac{91}{1055}$	$\frac{241}{1055}$	$\frac{509}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_5\ \Phi_1^2$
57834	1056	1197	$\frac{5}{133}$	$\frac{1}{9}$	$\frac{23}{133}$	$\frac{64}{133}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{171}\ \Phi_{63}\ \Phi_{57}\ \Phi_{21}$
57835	1056	1055	$\frac{41}{1055}$	$\frac{71}{1055}$	$\frac{274}{1055}$	$\frac{507}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_5\ \Phi_1^2$
57836	1056	1055	$\frac{41}{1055}$	$\frac{137}{1055}$	$\frac{153}{1055}$	$\frac{507}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_5\ \Phi_1^2$
57837	1056	1239	$\frac{7}{177}$	$\frac{23}{177}$	$\frac{1}{7}$	$\frac{85}{177}$	$\Phi_{1239}\ \Phi_{413}\ \Phi_{21}$
57838	1056	1587	$\frac{21}{529}$	$\frac{25}{529}$	$\frac{1}{3}$	$\frac{254}{529}$	$\Phi_{1587}\ \Phi_{69}$
57839	1056	1055	$\frac{43}{1055}$	$\frac{109}{1055}$	$\frac{183}{1055}$	$\frac{506}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_5\ \Phi_1^2$
57840	1056	265	$\frac{11}{265}$	$\frac{23}{265}$	$\frac{1}{5}$	$\frac{127}{265}$	$\Phi_{265}^4\ \Phi_{53}^4\ \Phi_5^3\ \Phi_1^4$
57841	1056	1412	$\frac{15}{353}$	$\frac{23}{353}$	$\frac{1}{4}$	$\frac{169}{353}$	$\Phi_{1412}\ \Phi_{706}$
57842	1056	211	$\frac{9}{211}$	$\frac{10}{211}$	$\frac{67}{211}$	$\frac{101}{211}$	$\Phi_{211}^5\ \Phi_1^6$
57843	1056	211	$\frac{9}{211}$	$\frac{13}{211}$	$\frac{55}{211}$	$\frac{101}{211}$	$\Phi_{211}^5\ \Phi_1^6$
57844	1056	69	$\frac{1}{23}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{69}^{23}\ \Phi_3^{22}$
57845	1056	989	$\frac{1}{23}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{11}{23}$	$\Phi_{989}\ \Phi_{43}^2\ \Phi_{23}^2\ \Phi_1^4$
57846	1056	1380	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{230}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2$
57847	1056	525	$\frac{1}{25}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}^2\ \Phi_{75}^3\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{15}^3\ \Phi_5^2$
57848	1056	987	$\frac{2}{47}$	$\frac{1}{21}$	$\frac{15}{47}$	$\frac{10}{21}$	$\Phi_{987}\ \Phi_{329}\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
57849	1056	1428	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{238}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{34}^2$
57850	1056	987	$\frac{1}{21}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{10}{21}$	$\Phi_{987}\ \Phi_{329}\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
57851	1056	1365	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{195}\ \Phi_{65}^2$
57852	1056	987	$\frac{1}{21}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{10}{21}$	$\Phi_{987}\ \Phi_{329}\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
57853	1056	63	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{10}{21}$	$\Phi_{63}^{19}\ \Phi_{21}^{13}\ \Phi_9^{18}\ \Phi_7^{12}\ \Phi_3^{12}\ \Phi_1^{12}$
57854	1056	1164	$\frac{5}{97}$	$\frac{1}{12}$	$\frac{17}{97}$	$\frac{46}{97}$	$\Phi_{1164}\ \Phi_{582}\ \Phi_{388}\ \Phi_{291}\ \Phi_{194}$
57855	1056	342	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{5}{38}$	$\frac{9}{19}$	$\Phi_{342}^4\ \Phi_{171}^3\ \Phi_{114}^4\ \Phi_{57}^3\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3^2$
57856	1056	1055	$\frac{61}{1055}$	$\frac{79}{1055}$	$\frac{186}{1055}$	$\frac{497}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_5\ \Phi_1^2$
57857	1056	1412	$\frac{17}{353}$	$\frac{21}{353}$	$\frac{1}{4}$	$\frac{166}{353}$	$\Phi_{1412}\ \Phi_{706}$
57858	1056	1127	$\frac{1}{23}$	$\frac{3}{49}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{1127}\ \Phi_{161}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
57859	1056	211	$\frac{7}{211}$	$\frac{13}{211}$	$\frac{68}{211}$	$\frac{99}{211}$	$\Phi_{211}^{5}\ \Phi_{1}^{6}$
57860	1056	1055	$\frac{51}{1055}$	$\frac{67}{1055}$	$\frac{251}{1055}$	$\frac{494}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
57861	1056	510	$\frac{1}{34}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{510}^{2}\ \Phi_{255}^{2}\ \Phi_{170}^{2}\ \Phi_{102}^{3}\ \Phi_{85}^{2}\ \Phi_{51}^{3}\ \Phi_{34}^{2}\ \Phi_{30}^{2}\ \Phi_{17}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
57862	1056	195	$\frac{2}{65}$	$\frac{1}{15}$	$\frac{21}{65}$	$\frac{7}{15}$	$\Phi_{195}^{5}\ \Phi_{65}^{6}\ \Phi_{39}^{5}\ \Phi_{15}^{6}\ \Phi_{13}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
57863	1056	75	$\frac{1}{25}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{75}^{15}\ \Phi_{25}^{14}\ \Phi_{15}^{12}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
57864	1056	1380	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{276}\ \Phi_{230}\ \Phi_{138}\ \Phi_{92}^{2}\ \Phi_{46}^{2}$
57865	1056	105	$\frac{2}{35}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{105}^{10}\ \Phi_{35}^{12}\ \Phi_{21}^{10}\ \Phi_{15}^{6}\ \Phi_{7}^{12}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
57866	1056	195	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{7}{15}$	$\Phi_{195}^{5}\ \Phi_{65}^{5}\ \Phi_{39}^{5}\ \Phi_{15}^{6}\ \Phi_{13}^{10}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
57867	1056	420	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{3}\ \Phi_{105}^{2}\ \Phi_{84}^{4}\ \Phi_{70}^{3}\ \Phi_{42}^{4}\ \Phi_{35}^{2}\ \Phi_{28}^{4}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{2}$
57868	1056	1055	$\frac{47}{1055}$	$\frac{73}{1055}$	$\frac{252}{1055}$	$\frac{491}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
57869	1056	1164	$\frac{7}{97}$	$\frac{1}{12}$	$\frac{13}{97}$	$\frac{45}{97}$	$\Phi_{1164}\ \Phi_{582}\ \Phi_{388}\ \Phi_{291}\ \Phi_{194}$
57870	1056	1139	$\frac{1}{17}$	$\frac{5}{67}$	$\frac{12}{67}$	$\frac{31}{67}$	Φ_{1139}
57871	1056	1055	$\frac{71}{1055}$	$\frac{81}{1055}$	$\frac{164}{1055}$	$\frac{487}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
57872	1056	1055	$\frac{81}{1055}$	$\frac{83}{1055}$	$\frac{142}{1055}$	$\frac{487}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
57873	1056	1157	$\frac{1}{13}$	$\frac{7}{89}$	$\frac{12}{89}$	$\frac{41}{89}$	Φ_{1157}
57874	1056	265	$\frac{13}{265}$	$\frac{21}{265}$	$\frac{1}{5}$	$\frac{122}{265}$	$\Phi_{265}^{4}\ \Phi_{53}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
57875	1056	211	$\frac{7}{211}$	$\frac{17}{211}$	$\frac{57}{211}$	$\frac{97}{211}$	$\Phi_{211}^{5}\ \Phi_{1}^{6}$
57876	1056	211	$\frac{17}{211}$	$\frac{19}{211}$	$\frac{24}{211}$	$\frac{97}{211}$	$\Phi_{211}^{5}\ \Phi_{1}^{6}$
57877	1056	1587	$\frac{13}{529}$	$\frac{43}{529}$	$\frac{1}{3}$	$\frac{243}{529}$	$\Phi_{1587}\ \Phi_{69}$
57878	1056	1197	$\frac{11}{133}$	$\frac{12}{133}$	$\frac{1}{9}$	$\frac{61}{133}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{171}\ \Phi_{63}\ \Phi_{57}\ \Phi_{21}$
57879	1056	1055	$\frac{26}{1055}$	$\frac{89}{1055}$	$\frac{343}{1055}$	$\frac{483}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
57880	1056	1055	$\frac{76}{1055}$	$\frac{89}{1055}$	$\frac{143}{1055}$	$\frac{483}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
57881	1056	413	$\frac{4}{59}$	$\frac{5}{59}$	$\frac{1}{7}$	$\frac{27}{59}$	$\Phi_{413}^{3}\ \Phi_{7}^{2}$
57882	1056	1055	$\frac{54}{1055}$	$\frac{91}{1055}$	$\frac{191}{1055}$	$\frac{482}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
57883	1056	265	$\frac{12}{265}$	$\frac{23}{265}$	$\frac{1}{5}$	$\frac{121}{265}$	$\Phi_{265}^{4}\ \Phi_{53}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
57884	1056	1412	$\frac{12}{353}$	$\frac{31}{353}$	$\frac{1}{4}$	$\frac{161}{353}$	$\Phi_{1412}\ \Phi_{706}$
57885	1056	1055	$\frac{32}{1055}$	$\frac{93}{1055}$	$\frac{287}{1055}$	$\frac{481}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
57886	1056	1587	$\frac{12}{529}$	$\frac{47}{529}$	$\frac{1}{3}$	$\frac{241}{529}$	$\Phi_{1587}\ \Phi_{69}$
57887	1056	495	$\frac{1}{45}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{495}^{2}\ \Phi_{165}^{2}\ \Phi_{99}^{2}\ \Phi_{55}^{2}\ \Phi_{45}^{4}\ \Phi_{33}\ \Phi_{15}^{4}\ \Phi_{11}^{2}\ \Phi_{9}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
57888	1056	374	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{374}^{3}\ \Phi_{187}^{3}\ \Phi_{34}^{2}\ \Phi_{22}^{3}\ \Phi_{17}^{2}\ \Phi_{2}^{2}$
57889	1056	319	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{7}{29}$	$\frac{5}{11}$	$\Phi_{319}^{3}\ \Phi_{29}^{6}\ \Phi_{11}^{4}\ \Phi_{1}^{8}$
57890	1056	1265	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{1265}\ \Phi_{115}^{2}$
57891	1056	957	$\frac{7}{87}$	$\frac{1}{11}$	$\frac{10}{87}$	$\frac{5}{11}$	$\Phi_{957}\ \Phi_{319}\ \Phi_{87}^{2}\ \Phi_{33}\ \Phi_{29}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
57892	1056	396	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{11}$	$\Phi_{396}^{3}\ \Phi_{198}^{3}\ \Phi_{132}^{2}\ \Phi_{99}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{36}^{6}\ \Phi_{33}\ \Phi_{22}^{2}\ \Phi_{18}^{6}\ \Phi_{12}^{4}\ \Phi_{11}^{2}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
57893	1056	2940	$\frac{1}{49}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{2940}\ \Phi_{588}\ \Phi_{420}\ \Phi_{147}\ \Phi_{84}\ \Phi_{21}$
57894	1056	380	$\frac{2}{95}$	$\frac{1}{10}$	$\frac{31}{95}$	$\frac{9}{20}$	$\Phi_{380}^{5}\ \Phi_{95}\ \Phi_{76}^{5}\ \Phi_{20}^{6}\ \Phi_{19}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
57895	1056	660	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{660}\ \Phi_{330}^{2}\ \Phi_{220}\ \Phi_{165}^{2}\ \Phi_{132}^{2}\ \Phi_{110}^{2}\ \Phi_{66}^{3}\ \Phi_{60}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{30}^{2}\ \Phi_{22}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
57896	1056	380	$\frac{3}{95}$	$\frac{1}{10}$	$\frac{23}{95}$	$\frac{9}{20}$	$\Phi_{380}^{5}\ \Phi_{95}\ \Phi_{76}^{5}\ \Phi_{20}^{6}\ \Phi_{19}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
57897	1056	100	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{100}^{20}\ \Phi_{25}^{4}\ \Phi_{20}^{16}\ \Phi_{5}^{3}\ \Phi_{4}^{16}\ \Phi_{1}^{4}$
57898	1056	380	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{3}{19}$	$\frac{9}{20}$	$\Phi_{380}^{5}\ \Phi_{76}^{5}\ \Phi_{20}^{6}\ \Phi_{19}^{5}\ \Phi_{4}^{6}\ \Phi_{1}^{6}$
57899	1056	2380	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{2380}\ \Phi_{476}\ \Phi_{119}$
57900	1056	380	$\frac{7}{95}$	$\frac{1}{10}$	$\frac{11}{95}$	$\frac{9}{20}$	$\Phi_{380}^{5}\ \Phi_{95}\ \Phi_{76}^{5}\ \Phi_{20}^{6}\ \Phi_{19}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
57901	1056	2340	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{156}\ \Phi_{117}\ \Phi_{39}$
57902	1056	1127	$\frac{1}{23}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{1127}\ \Phi_{161}$
57903	1056	1055	$\frac{53}{1055}$	$\frac{111}{1055}$	$\frac{167}{1055}$	$\frac{472}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
57904	1056	675	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{675}^{2}\ \Phi_{225}\ \Phi_{135}^{2}\ \Phi_{75}\ \Phi_{45}\ \Phi_{15}$
57905	1056	1164	$\frac{1}{12}$	$\frac{9}{97}$	$\frac{11}{97}$	$\frac{43}{97}$	$\Phi_{1164}\ \Phi_{582}\ \Phi_{388}\ \Phi_{291}\ \Phi_{194}$
57906	1056	1055	$\frac{87}{1055}$	$\frac{98}{1055}$	$\frac{121}{1055}$	$\frac{467}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
57907	1056	413	$\frac{3}{59}$	$\frac{7}{59}$	$\frac{1}{7}$	$\frac{26}{59}$	$\Phi_{413}^{3}\ \Phi_{7}^{2}$
57908	1056	225	$\frac{1}{45}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{225}^{5}\ \Phi_{75}^{5}\ \Phi_{45}^{4}\ \Phi_{25}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
57909	1056	1055	$\frac{39}{1055}$	$\frac{127}{1055}$	$\frac{197}{1055}$	$\frac{464}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
57910	1056	1412	$\frac{9}{353}$	$\frac{43}{353}$	$\frac{1}{4}$	$\frac{155}{353}$	$\Phi_{1412}\ \Phi_{706}$
57911	1056	1055	$\frac{23}{1055}$	$\frac{129}{1055}$	$\frac{296}{1055}$	$\frac{463}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
57912	1056	1587	$\frac{9}{529}$	$\frac{65}{529}$	$\frac{1}{3}$	$\frac{232}{529}$	$\Phi_{1587}\ \Phi_{69}$
57913	1056	1055	$\frac{27}{1055}$	$\frac{133}{1055}$	$\frac{257}{1055}$	$\frac{461}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
57914	1056	1407	$\frac{1}{67}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1407}\ \Phi_{201}^{2}$
57915	1056	917	$\frac{2}{131}$	$\frac{1}{7}$	$\frac{43}{131}$	$\frac{3}{7}$	$\Phi_{917}\ \Phi_{131}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
57916	1056	1260	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}^{2}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}^{2}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}^{2}\ \Phi_{42}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}$
57917	1056	917	$\frac{3}{131}$	$\frac{1}{7}$	$\frac{32}{131}$	$\frac{3}{7}$	$\Phi_{917}\ \Phi_{131}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
57918	1056	1190	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{170}^{2}\ \Phi_{85}^{2}\ \Phi_{70}\ \Phi_{10}^{2}$
57919	1056	917	$\frac{5}{131}$	$\frac{1}{7}$	$\frac{21}{131}$	$\frac{3}{7}$	$\Phi_{917}\ \Phi_{131}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
57920	1056	161	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{161}^{7}\ \Phi_{23}^{6}$
57921	1056	315	$\frac{2}{35}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{315}^{4}\ \Phi_{105}^{4}\ \Phi_{63}^{3}\ \Phi_{45}^{4}\ \Phi_{21}^{3}\ \Phi_{15}^{4}\ \Phi_{9}^{2}\ \Phi_{3}^{2}$
57922	1056	917	$\frac{10}{131}$	$\frac{11}{131}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{917}\ \Phi_{131}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
57923	1056	1092	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{2}$
57924	1056	211	$\frac{11}{211}$	$\frac{25}{211}$	$\frac{31}{211}$	$\frac{90}{211}$	$\Phi_{211}^{5}\ \Phi_{1}^{6}$
57925	1056	1055	$\frac{76}{1055}$	$\frac{89}{1055}$	$\frac{161}{1055}$	$\frac{447}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
57926	1056	1164	$\frac{7}{97}$	$\frac{1}{12}$	$\frac{15}{97}$	$\frac{41}{97}$	$\Phi_{1164}\ \Phi_{582}\ \Phi_{388}\ \Phi_{291}\ \Phi_{194}$
57927	1056	171	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{3}{19}$	$\frac{8}{19}$	$\Phi_{171}^{7}\ \Phi_{57}^{7}\ \Phi_{9}^{6}\ \Phi_{3}^{6}$
57928	1056	1055	$\frac{41}{1055}$	$\frac{153}{1055}$	$\frac{169}{1055}$	$\frac{443}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
57929	1056	265	$\frac{7}{265}$	$\frac{43}{265}$	$\frac{1}{5}$	$\frac{111}{265}$	$\Phi_{265}^{4}\ \Phi_{53}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
57930	1056	1055	$\frac{17}{1055}$	$\frac{173}{1055}$	$\frac{307}{1055}$	$\frac{441}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
57931	1056	1587	$\frac{7}{529}$	$\frac{87}{529}$	$\frac{1}{3}$	$\frac{221}{529}$	$\Phi_{1587}\ \Phi_{69}$
57932	1056	1055	$\frac{14}{1055}$	$\frac{177}{1055}$	$\frac{347}{1055}$	$\frac{439}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
57933	1056	1139	$\frac{1}{67}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	Φ_{1139}
57934	1056	1055	$\frac{19}{1055}$	$\frac{199}{1055}$	$\frac{259}{1055}$	$\frac{428}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
57935	1056	1335	$\frac{1}{89}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1335}\ \Phi_{267}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
57936	1056	175	$\frac{3}{175}$	$\frac{1}{5}$	$\frac{43}{175}$	$\frac{2}{5}$	$\Phi_{175}^{6}\ \Phi_{35}^{6}\ \Phi_{25}^{6}\ \Phi_{7}^{6}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
57937	1056	45	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{45}^{24}\ \Phi_{15}^{24}\ \Phi_{9}^{24}\ \Phi_{5}^{19}\ \Phi_{3}^{24}\ \Phi_{1}^{20}$
57938	1056	105	$\frac{1}{35}$	$\frac{17}{105}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{105}^{12}\ \Phi_{35}^{6}\ \Phi_{21}^{12}\ \Phi_{15}^{12}\ \Phi_{7}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{12}\ \Phi_{1}^{8}$
57939	1056	455	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{455}^{2}\ \Phi_{91}^{4}\ \Phi_{65}^{2}\ \Phi_{35}\ \Phi_{13}^{4}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
57940	1056	25	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{25}^{42}\ \Phi_{5}^{43}\ \Phi_{1}^{44}$
57941	1056	1035	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}^{2}\ \Phi_{69}^{2}$
57942	1056	35	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{35}^{30}\ \Phi_{7}^{30}\ \Phi_{5}^{31}\ \Phi_{1}^{32}$
57943	1056	1020	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}^{2}\ \Phi_{170}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{2}$
57944	1056	1055	$\frac{29}{1055}$	$\frac{171}{1055}$	$\frac{221}{1055}$	$\frac{417}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
57945	1056	1122	$\frac{1}{34}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{374}\ \Phi_{187}\ \Phi_{102}\ \Phi_{66}\ \Phi_{51}\ \Phi_{22}\ \Phi_{6}$
57946	1056	1746	$\frac{1}{97}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1746}\ \Phi_{582}\ \Phi_{291}\ \Phi_{194}$
57947	1056	450	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{450}^{4}\ \Phi_{225}\ \Phi_{150}^{4}\ \Phi_{90}^{4}\ \Phi_{75}\ \Phi_{50}^{4}\ \Phi_{45}\ \Phi_{30}^{4}\ \Phi_{15}\ \Phi_{10}^{4}$
57948	1056	1127	$\frac{1}{23}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{1127}\ \Phi_{161}$
57949	1056	1055	$\frac{54}{1055}$	$\frac{91}{1055}$	$\frac{241}{1055}$	$\frac{407}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
57950	1056	1055	$\frac{59}{1055}$	$\frac{83}{1055}$	$\frac{243}{1055}$	$\frac{406}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
57951	1056	1157	$\frac{1}{89}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{1157}
57952	1056	1157	$\frac{5}{89}$	$\frac{1}{13}$	$\frac{21}{89}$	$\frac{34}{89}$	Φ_{1157}
57953	1056	1164	$\frac{5}{97}$	$\frac{1}{12}$	$\frac{23}{97}$	$\frac{37}{97}$	$\Phi_{1164}\ \Phi_{582}\ \Phi_{388}\ \Phi_{291}\ \Phi_{194}$
57954	1056	1055	$\frac{43}{1055}$	$\frac{109}{1055}$	$\frac{253}{1055}$	$\frac{401}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
57955	1056	1239	$\frac{5}{177}$	$\frac{1}{7}$	$\frac{43}{177}$	$\frac{67}{177}$	$\Phi_{1239}\ \Phi_{413}\ \Phi_{21}$
57956	1056	1055	$\frac{27}{1055}$	$\frac{164}{1055}$	$\frac{257}{1055}$	$\frac{399}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
57957	1056	265	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{13}{53}$	$\frac{20}{53}$	$\Phi_{265}^{5}\ \Phi_{5}^{4}$
57958	1056	1055	$\frac{19}{1055}$	$\frac{219}{1055}$	$\frac{259}{1055}$	$\frac{398}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
57959	1056	1412	$\frac{5}{353}$	$\frac{87}{353}$	$\frac{1}{4}$	$\frac{133}{353}$	$\Phi_{1412}\ \Phi_{706}$
57960	1056	1055	$\frac{11}{1055}$	$\frac{261}{1055}$	$\frac{329}{1055}$	$\frac{397}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
57961	1056	1587	$\frac{5}{529}$	$\frac{131}{529}$	$\frac{1}{3}$	$\frac{199}{529}$	$\Phi_{1587}\ \Phi_{69}$
57962	1056	1552	$\frac{1}{97}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1552}\ \Phi_{388}\ \Phi_{194}$
57963	1056	211	$\frac{3}{211}$	$\frac{52}{211}$	$\frac{53}{211}$	$\frac{79}{211}$	$\Phi_{211}^{5}\ \Phi_{1}^{6}$
57964	1056	225	$\frac{1}{45}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{225}^{5}\ \Phi_{75}^{5}\ \Phi_{45}^{4}\ \Phi_{25}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
57965	1056	1055	$\frac{31}{1055}$	$\frac{128}{1055}$	$\frac{309}{1055}$	$\frac{373}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
57966	1056	1055	$\frac{43}{1055}$	$\frac{92}{1055}$	$\frac{321}{1055}$	$\frac{367}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
57967	1056	1127	$\frac{1}{23}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{1127}\ \Phi_{161}$
57968	1056	1139	$\frac{1}{17}$	$\frac{4}{67}$	$\frac{21}{67}$	$\frac{23}{67}$	Φ_{1139}
57969	1056	1055	$\frac{62}{1055}$	$\frac{63}{1055}$	$\frac{331}{1055}$	$\frac{362}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
57970	1056	1055	$\frac{44}{1055}$	$\frac{87}{1055}$	$\frac{337}{1055}$	$\frac{359}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
57971	1056	1164	$\frac{4}{97}$	$\frac{1}{12}$	$\frac{31}{97}$	$\frac{33}{97}$	$\Phi_{1164}\ \Phi_{582}\ \Phi_{388}\ \Phi_{291}\ \Phi_{194}$
57972	1056	1197	$\frac{4}{133}$	$\frac{1}{9}$	$\frac{43}{133}$	$\frac{45}{133}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{171}\ \Phi_{63}\ \Phi_{57}\ \Phi_{21}$
57973	1056	211	$\frac{4}{211}$	$\frac{35}{211}$	$\frac{69}{211}$	$\frac{71}{211}$	$\Phi_{211}^{5}\ \Phi_{1}^{6}$
57974	1056	265	$\frac{4}{265}$	$\frac{1}{5}$	$\frac{87}{265}$	$\frac{89}{265}$	$\Phi_{265}^{4}\ \Phi_{53}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
57975	1056	1055	$\frac{8}{1055}$	$\frac{349}{1055}$	$\frac{351}{1055}$	$\frac{353}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
57976	1056	1587	$\frac{4}{529}$	$\frac{175}{529}$	$\frac{1}{3}$	$\frac{177}{529}$	$\Phi_{1587}\ \Phi_{69}$
57977	1056	399	$\frac{1}{133}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{399}^{3}\ \Phi_{133}^{2}\ \Phi_{57}^{3}\ \Phi_{21}^{3}\ \Phi_{19}^{2}\ \Phi_{7}^{2}$
57978	1056	789	$\frac{2}{263}$	$\frac{87}{263}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{789}\ \Phi_{263}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
57979	1056	1068	$\frac{1}{89}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1068}\ \Phi_{534}\ \Phi_{356}^{2}\ \Phi_{178}^{2}$
57980	1056	789	$\frac{3}{263}$	$\frac{65}{263}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{789}\ \Phi_{263}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
57981	1056	1005	$\frac{1}{67}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1005}\ \Phi_{335}^{2}$
57982	1056	789	$\frac{5}{263}$	$\frac{43}{263}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{789}\ \Phi_{263}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
57983	1056	315	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{315}^{4}\ \Phi_{105}^{4}\ \Phi_{63}^{4}\ \Phi_{35}^{4}\ \Phi_{21}^{3}\ \Phi_{7}^{2}$
57984	1056	789	$\frac{7}{263}$	$\frac{32}{263}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{789}\ \Phi_{263}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
57985	1056	306	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{306}^{4}\ \Phi_{153}^{4}\ \Phi_{102}^{3}\ \Phi_{51}^{3}\ \Phi_{34}^{2}\ \Phi_{18}^{4}\ \Phi_{17}^{2}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
57986	1056	789	$\frac{10}{263}$	$\frac{23}{263}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{789}\ \Phi_{263}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
57987	1056	300	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{100}^{4}\ \Phi_{75}^{3}\ \Phi_{60}^{4}\ \Phi_{50}^{4}\ \Phi_{30}^{4}\ \Phi_{25}^{2}\ \Phi_{20}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{2}$
57988	1056	789	$\frac{11}{263}$	$\frac{21}{263}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{789}\ \Phi_{263}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
57989	1056	897	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{897}\ \Phi_{299}^{2}$
57990	1056	1965	$\frac{2}{131}$	$\frac{1}{5}$	$\frac{43}{131}$	$\frac{1}{3}$	$\Phi_{1965}\ \Phi_{15}^{2}$
57991	1056	1587	$\frac{10}{529}$	$\frac{89}{529}$	$\frac{173}{529}$	$\frac{1}{3}$	$\Phi_{1587}\ \Phi_{69}$
57992	1056	1827	$\frac{2}{87}$	$\frac{1}{7}$	$\frac{85}{261}$	$\frac{1}{3}$	$\Phi_{1827}\ \Phi_{63}\ \Phi_{21}$
57993	1056	585	$\frac{2}{65}$	$\frac{1}{9}$	$\frac{21}{65}$	$\frac{1}{3}$	$\Phi_{585}^{2}\ \Phi_{195}\ \Phi_{117}^{2}\ \Phi_{65}^{2}\ \Phi_{45}^{2}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}^{2}\ \Phi_{9}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
57994	1056	1587	$\frac{22}{529}$	$\frac{45}{529}$	$\frac{169}{529}$	$\frac{1}{3}$	$\Phi_{1587}\ \Phi_{69}$
57995	1056	564	$\frac{2}{47}$	$\frac{1}{12}$	$\frac{15}{47}$	$\frac{1}{3}$	$\Phi_{564}^{2}\ \Phi_{282}^{2}\ \Phi_{188}^{2}\ \Phi_{141}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
57996	1056	1587	$\frac{31}{529}$	$\frac{33}{529}$	$\frac{166}{529}$	$\frac{1}{3}$	$\Phi_{1587}\ \Phi_{69}$
57997	1056	816	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{816}^{2}\ \Phi_{408}^{2}\ \Phi_{204}^{2}\ \Phi_{102}^{2}\ \Phi_{51}^{3}$
57998	1056	69	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{69}^{23}\ \Phi_{3}^{22}$
57999	1056	1575	$\frac{1}{25}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{1575}\ \Phi_{315}\ \Phi_{225}\ \Phi_{75}\ \Phi_{45}\ \Phi_{15}$
58000	1056	1587	$\frac{17}{529}$	$\frac{64}{529}$	$\frac{155}{529}$	$\frac{1}{3}$	$\Phi_{1587}\ \Phi_{69}$
58001	1056	1530	$\frac{1}{34}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{306}\ \Phi_{153}\ \Phi_{102}\ \Phi_{90}\ \Phi_{51}\ \Phi_{18}\ \Phi_{6}$
58002	1056	495	$\frac{1}{45}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{495}^{2}\ \Phi_{165}^{2}\ \Phi_{99}^{2}\ \Phi_{55}^{2}\ \Phi_{45}^{4}\ \Phi_{33}\ \Phi_{15}^{4}\ \Phi_{11}^{2}\ \Phi_{9}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
58003	1056	735	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{735}\ \Phi_{245}^{2}\ \Phi_{147}^{2}\ \Phi_{105}\ \Phi_{49}^{2}\ \Phi_{35}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}$
58004	1056	1587	$\frac{9}{529}$	$\frac{130}{529}$	$\frac{133}{529}$	$\frac{1}{3}$	$\Phi_{1587}\ \Phi_{69}$
58005	1056	2100	$\frac{3}{175}$	$\frac{43}{175}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
58006	1056	180	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^{8}\ \Phi_{90}^{8}\ \Phi_{60}^{7}\ \Phi_{36}^{8}\ \Phi_{30}^{7}\ \Phi_{20}^{8}\ \Phi_{18}^{8}\ \Phi_{12}^{8}\ \Phi_{10}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}$
58007	1056	420	$\frac{1}{35}$	$\frac{17}{105}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{4}\ \Phi_{84}^{3}\ \Phi_{70}^{4}\ \Phi_{60}^{3}\ \Phi_{42}^{3}\ \Phi_{30}^{3}\ \Phi_{28}^{4}\ \Phi_{20}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
58008	1056	1092	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}^{2}\ \Phi_{546}^{2}\ \Phi_{156}^{2}\ \Phi_{84}\ \Phi_{78}^{2}\ \Phi_{42}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
58009	1056	300	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^{7}\ \Phi_{150}^{7}\ \Phi_{60}^{7}\ \Phi_{30}^{7}\ \Phi_{12}^{8}\ \Phi_{6}^{8}$
58010	1056	828	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{828}^{2}\ \Phi_{414}^{2}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}^{2}\ \Phi_{46}^{2}$
58011	1056	420	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{84}^{5}\ \Phi_{60}^{5}\ \Phi_{42}^{5}\ \Phi_{30}^{5}\ \Phi_{12}^{6}\ \Phi_{6}^{6}$
58012	1056	204	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^{5}\ \Phi_{102}^{5}\ \Phi_{68}^{6}\ \Phi_{51}^{6}\ \Phi_{34}^{6}\ \Phi_{17}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
58013	1056	1965	$\frac{3}{131}$	$\frac{1}{5}$	$\frac{32}{131}$	$\frac{1}{3}$	$\Phi_{1965}\ \Phi_{15}^{2}$
58014	1056	1587	$\frac{13}{529}$	$\frac{100}{529}$	$\frac{129}{529}$	$\frac{1}{3}$	$\Phi_{1587}\ \Phi_{69}$
58015	1056	609	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{7}{29}$	$\frac{1}{3}$	$\Phi_{609}^{3}\ \Phi_{21}^{4}$
58016	1056	1587	$\frac{21}{529}$	$\frac{67}{529}$	$\frac{127}{529}$	$\frac{1}{3}$	$\Phi_{1587}\ \Phi_{69}$
58017	1056	564	$\frac{3}{47}$	$\frac{1}{12}$	$\frac{11}{47}$	$\frac{1}{3}$	$\Phi_{564}^{2}\ \Phi_{282}^{2}\ \Phi_{188}^{2}\ \Phi_{141}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
58018	1056	1677	$\frac{3}{43}$	$\frac{1}{13}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{1677}\ \Phi_{39}^{2}$
58019	1056	1587	$\frac{37}{529}$	$\frac{41}{529}$	$\frac{122}{529}$	$\frac{1}{3}$	$\Phi_{1587}\ \Phi_{69}$
58020	1056	1587	$\frac{34}{529}$	$\frac{45}{529}$	$\frac{121}{529}$	$\frac{1}{3}$	$\Phi_{1587}\ \Phi_{69}$
58021	1056	69	$\frac{1}{23}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{69}^{23}\ \Phi_{3}^{22}$
58022	1056	1050	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{1050}^{2}\ \Phi_{525}\ \Phi_{210}^{2}\ \Phi_{150}^{2}\ \Phi_{105}\ \Phi_{75}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}$
58023	1056	1587	$\frac{19}{529}$	$\frac{85}{529}$	$\frac{111}{529}$	$\frac{1}{3}$	$\Phi_{1587}\ \Phi_{69}$
58024	1056	510	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{510}^{3}\ \Phi_{255}^{3}\ \Phi_{102}^{4}\ \Phi_{51}^{4}\ \Phi_{30}^{3}\ \Phi_{6}^{4}$
58025	1056	1965	$\frac{5}{131}$	$\frac{21}{131}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1965}\ \Phi_{15}^{2}$
58026	1056	2415	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	Φ_{2415}
58027	1056	315	$\frac{2}{35}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{315}^{4}\ \Phi_{105}^{2}\ \Phi_{63}^{4}\ \Phi_{45}^{2}\ \Phi_{35}^{4}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
58028	1056	1965	$\frac{10}{131}$	$\frac{11}{131}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1965}\ \Phi_{15}^{2}$
58029	1056	780	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}\ \Phi_{130}^{2}\ \Phi_{65}^{2}$
58030	1056	2040	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{51}$
58031	1056	117	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{2}{13}$	$\frac{1}{3}$	$\Phi_{117}^{10}\ \Phi_{39}^{5}\ \Phi_{13}^{10}\ \Phi_{9}^{12}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
58032	1056	1587	$\frac{43}{529}$	$\frac{56}{529}$	$\frac{81}{529}$	$\frac{1}{3}$	$\Phi_{1587}\ \Phi_{69}$
58033	1056	564	$\frac{1}{12}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{3}$	$\Phi_{564}^{2}\ \Phi_{282}^{2}\ \Phi_{188}^{2}\ \Phi_{141}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
58034	1056	1587	$\frac{41}{529}$	$\frac{61}{529}$	$\frac{78}{529}$	$\frac{1}{3}$	$\Phi_{1587}\ \Phi_{69}$
58035	1056	609	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{609}^{2}\ \Phi_{203}^{2}\ \Phi_{21}^{3}\ \Phi_{7}^{2}$
58036	1056	252	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{84}^{4}\ \Phi_{63}^{4}\ \Phi_{42}^{4}\ \Phi_{28}^{4}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{2}$
58037	1056	285	$\frac{2}{95}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{31}{95}$	$\Phi_{285}^{5}\ \Phi_{95}\ \Phi_{57}^{5}\ \Phi_{19}\ \Phi_{15}^{6}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
58038	1056	65	$\frac{2}{65}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{21}{65}$	$\Phi_{65}^{16}\ \Phi_{13}^{16}\ \Phi_{5}^{19}\ \Phi_{1}^{20}$
58039	1056	1055	$\frac{38}{1055}$	$\frac{179}{1055}$	$\frac{219}{1055}$	$\frac{339}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
58040	1056	265	$\frac{2}{53}$	$\frac{9}{53}$	$\frac{1}{5}$	$\frac{17}{53}$	$\Phi_{265}^{5}\ \Phi_{5}^{4}$
58041	1056	658	$\frac{2}{47}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{15}{47}$	$\Phi_{658}^{2}\ \Phi_{329}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{14}^{4}\ \Phi_{7}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
58042	1056	171	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{13}{57}$	$\frac{6}{19}$	$\Phi_{171}^{7}\ \Phi_{57}^{4}\ \Phi_{19}^{6}\ \Phi_{9}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
58043	1056	496	$\frac{1}{16}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{5}{16}$	$\Phi_{496}^{2}\ \Phi_{248}^{2}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{31}^{3}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
58044	1056	720	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{5}{16}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{3}\ \Phi_{30}^{2}\ \Phi_{15}^{3}$
58045	1056	1055	$\frac{74}{1055}$	$\frac{91}{1055}$	$\frac{241}{1055}$	$\frac{327}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
58046	1056	1197	$\frac{10}{133}$	$\frac{1}{9}$	$\frac{23}{133}$	$\frac{41}{133}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{171}\ \Phi_{63}\ \Phi_{57}\ \Phi_{21}$
58047	1056	1055	$\frac{86}{1055}$	$\frac{109}{1055}$	$\frac{183}{1055}$	$\frac{323}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
58048	1056	265	$\frac{22}{265}$	$\frac{23}{265}$	$\frac{1}{5}$	$\frac{81}{265}$	$\Phi_{265}^{4}\ \Phi_{53}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
58049	1056	989	$\frac{3}{43}$	$\frac{2}{23}$	$\frac{10}{43}$	$\frac{7}{23}$	$\Phi_{989}\ \Phi_{43}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$
58050	1056	1380	$\frac{1}{12}$	$\frac{2}{23}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{230}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
58051	1056	63	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{19}{63}$	$\Phi_{63}^{16}\ \Phi_{21}^{19}\ \Phi_{9}^{15}\ \Phi_{7}^{18}\ \Phi_{3}^{18}\ \Phi_{1}^{18}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
58052	1056	1055	$\frac{67}{1055}$	$\frac{101}{1055}$	$\frac{247}{1055}$	$\frac{318}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
58053	1056	1164	$\frac{1}{12}$	$\frac{10}{97}$	$\frac{17}{97}$	$\frac{29}{97}$	$\Phi_{1164}\ \Phi_{582}\ \Phi_{388}\ \Phi_{291}\ \Phi_{194}$
58054	1056	1055	$\frac{79}{1055}$	$\frac{122}{1055}$	$\frac{186}{1055}$	$\frac{311}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
58055	1056	265	$\frac{17}{265}$	$\frac{31}{265}$	$\frac{1}{5}$	$\frac{78}{265}$	$\Phi_{265}^{4}\ \Phi_{53}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
58056	1056	483	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{483}^{3}\ \Phi_{161}\ \Phi_{69}^{3}$
58057	1056	441	$\frac{5}{49}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{441}^{3}\ \Phi_{147}^{3}\ \Phi_{63}\ \Phi_{21}$
58058	1056	319	$\frac{1}{29}$	$\frac{2}{11}$	$\frac{7}{29}$	$\frac{3}{11}$	$\Phi_{319}^{3}\ \Phi_{29}^{6}\ \Phi_{11}^{4}\ \Phi_{1}^{8}$
58059	1056	1265	$\frac{1}{23}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{1265}\ \Phi_{115}^{2}$
58060	1056	957	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{957}\ \Phi_{319}\ \Phi_{87}^{2}\ \Phi_{33}\ \Phi_{29}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
58061	1056	396	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{396}^{3}\ \Phi_{198}^{3}\ \Phi_{132}^{2}\ \Phi_{99}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{36}^{6}\ \Phi_{33}\ \Phi_{22}^{2}\ \Phi_{18}^{6}\ \Phi_{12}^{4}\ \Phi_{11}^{2}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
58062	1056	211	$\frac{7}{211}$	$\frac{40}{211}$	$\frac{51}{211}$	$\frac{57}{211}$	$\Phi_{211}^{5}\ \Phi_{1}^{6}$
58063	1056	660	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{2}\ \Phi_{132}^{3}\ \Phi_{110}^{2}\ \Phi_{66}^{3}\ \Phi_{60}\ \Phi_{44}^{3}\ \Phi_{30}\ \Phi_{22}^{3}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
58064	1056	285	$\frac{3}{95}$	$\frac{1}{5}$	$\frac{23}{95}$	$\frac{4}{15}$	$\Phi_{285}^{5}\ \Phi_{95}\ \Phi_{57}^{5}\ \Phi_{19}\ \Phi_{15}^{6}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
58065	1056	75	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{75}^{20}\ \Phi_{25}^{4}\ \Phi_{15}^{16}\ \Phi_{5}^{3}\ \Phi_{3}^{16}\ \Phi_{1}^{4}$
58066	1056	285	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{285}^{5}\ \Phi_{57}^{5}\ \Phi_{19}^{5}\ \Phi_{15}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
58067	1056	1785	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{119}$
58068	1056	285	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{285}^{5}\ \Phi_{95}\ \Phi_{57}^{5}\ \Phi_{19}\ \Phi_{15}^{6}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
58069	1056	585	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{585}^{2}\ \Phi_{195}\ \Phi_{117}^{3}\ \Phi_{65}^{2}\ \Phi_{39}^{2}\ \Phi_{13}^{2}$
58070	1056	1127	$\frac{1}{23}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{1127}\ \Phi_{161}$
58071	1056	1055	$\frac{71}{1055}$	$\frac{123}{1055}$	$\frac{233}{1055}$	$\frac{274}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
58072	1056	1164	$\frac{1}{12}$	$\frac{9}{97}$	$\frac{22}{97}$	$\frac{25}{97}$	$\Phi_{1164}\ \Phi_{582}\ \Phi_{388}\ \Phi_{291}\ \Phi_{194}$
58073	1056	1055	$\frac{87}{1055}$	$\frac{98}{1055}$	$\frac{242}{1055}$	$\frac{271}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
58074	1056	1197	$\frac{9}{133}$	$\frac{1}{9}$	$\frac{31}{133}$	$\frac{34}{133}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{171}\ \Phi_{63}\ \Phi_{57}\ \Phi_{21}$
58075	1056	1055	$\frac{39}{1055}$	$\frac{197}{1055}$	$\frac{254}{1055}$	$\frac{267}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
58076	1056	265	$\frac{9}{265}$	$\frac{1}{5}$	$\frac{64}{265}$	$\frac{67}{265}$	$\Phi_{265}^{4}\ \Phi_{53}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
58077	1056	580	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{7}{29}$	$\frac{1}{4}$	$\Phi_{580}^{3}\ \Phi_{290}^{3}\ \Phi_{20}^{4}\ \Phi_{10}^{4}$
58078	1056	1412	$\frac{13}{353}$	$\frac{67}{353}$	$\frac{85}{353}$	$\frac{1}{4}$	$\Phi_{1412}\ \Phi_{706}$
58079	1056	1548	$\frac{3}{43}$	$\frac{1}{9}$	$\frac{10}{43}$	$\frac{1}{4}$	$\Phi_{1548}\ \Phi_{774}\ \Phi_{516}\ \Phi_{258}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
58080	1056	1412	$\frac{29}{353}$	$\frac{34}{353}$	$\frac{81}{353}$	$\frac{1}{4}$	$\Phi_{1412}\ \Phi_{706}$
58081	1056	372	$\frac{1}{12}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{4}$	$\Phi_{372}^{3}\ \Phi_{186}^{3}\ \Phi_{124}^{2}\ \Phi_{93}^{3}\ \Phi_{62}^{2}\ \Phi_{31}^{3}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
58082	1056	1412	$\frac{25}{353}$	$\frac{41}{353}$	$\frac{78}{353}$	$\frac{1}{4}$	$\Phi_{1412}\ \Phi_{706}$
58083	1056	476	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{476}^{3}\ \Phi_{238}\ \Phi_{119}^{2}\ \Phi_{68}^{4}\ \Phi_{34}^{2}\ \Phi_{17}^{2}$
58084	1056	460	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{460}^{3}\ \Phi_{230}^{3}\ \Phi_{92}^{4}\ \Phi_{46}^{4}$
58085	1056	1740	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{290}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
58086	1056	180	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^{8}\ \Phi_{90}^{8}\ \Phi_{60}^{5}\ \Phi_{45}^{9}\ \Phi_{30}^{5}\ \Phi_{20}^{6}\ \Phi_{15}^{6}\ \Phi_{10}^{6}\ \Phi_{5}^{6}$
58087	1056	658	$\frac{3}{47}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{47}$	$\Phi_{658}^{2}\ \Phi_{329}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{14}^{4}\ \Phi_{7}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
58088	1056	989	$\frac{3}{43}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{10}{43}$	$\Phi_{989}\ \Phi_{43}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$
58089	1056	1505	$\frac{3}{43}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{10}{43}$	$\Phi_{1505}\ \Phi_{35}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
58090	1056	211	$\frac{15}{211}$	$\frac{27}{211}$	$\frac{46}{211}$	$\frac{49}{211}$	$\Phi_{211}^{5}\ \Phi_{1}^{6}$
58091	1056	1239	$\frac{13}{177}$	$\frac{1}{7}$	$\frac{34}{177}$	$\frac{41}{177}$	$\Phi_{1239}\ \Phi_{413}\ \Phi_{21}$
58092	1056	1055	$\frac{83}{1055}$	$\frac{142}{1055}$	$\frac{203}{1055}$	$\frac{243}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
58093	1056	265	$\frac{21}{265}$	$\frac{34}{265}$	$\frac{1}{5}$	$\frac{61}{265}$	$\Phi_{265}^{4}\ \Phi_{53}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
58094	1056	1240	$\frac{3}{31}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{7}{31}$	$\Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{155}\ \Phi_{40}^{2}\ \Phi_{31}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
58095	1056	1380	$\frac{1}{12}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{5}{23}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{230}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
58096	1056	1164	$\frac{1}{12}$	$\frac{13}{97}$	$\frac{19}{97}$	$\frac{21}{97}$	$\Phi_{1164}\ \Phi_{582}\ \Phi_{388}\ \Phi_{291}\ \Phi_{194}$
58097	1056	910	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{910}^{2}\ \Phi_{455}\ \Phi_{130}^{2}\ \Phi_{65}^{2}$
58098	1056	658	$\frac{5}{47}$	$\frac{1}{7}$	$\frac{7}{47}$	$\frac{3}{14}$	$\Phi_{658}^{2}\ \Phi_{329}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{14}^{4}\ \Phi_{7}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
58099	1056	126	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{126}^{12}\ \Phi_{63}^{7}\ \Phi_{42}^{12}\ \Phi_{21}^{7}\ \Phi_{18}^{12}\ \Phi_{9}^{6}\ \Phi_{6}^{12}\ \Phi_{3}^{6}$
58100	1056	1055	$\frac{77}{1055}$	$\frac{163}{1055}$	$\frac{208}{1055}$	$\frac{223}{1055}$	$\Phi_{1055}\ \Phi_{211}\ \Phi_{5}\ \Phi_{1}^{2}$
58101	1056	265	$\frac{19}{265}$	$\frac{41}{265}$	$\frac{1}{5}$	$\frac{56}{265}$	$\Phi_{265}^{4}\ \Phi_{53}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
58102	1056	342	$\frac{1}{9}$	$\frac{5}{38}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{342}^{4}\ \Phi_{171}^{3}\ \Phi_{114}^{4}\ \Phi_{57}^{3}\ \Phi_{18}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}$
58103	1056	35	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{35}^{32}\ \Phi_{7}^{32}\ \Phi_{5}^{19}\ \Phi_{1}^{20}$
58104	1056	325	$\frac{4}{65}$	$\frac{61}{325}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{325}^{4}\ \Phi_{25}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
58105	1056	65	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{65}^{15}\ \Phi_{13}^{20}\ \Phi_{5}^{18}\ \Phi_{1}^{24}$
58106	1056	420	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{4}\ \Phi_{70}^{3}\ \Phi_{42}^{4}\ \Phi_{28}^{4}\ \Phi_{21}^{4}\ \Phi_{14}^{4}$
58107	1056	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{5}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{72}^{4}\ \Phi_{60}^{3}\ \Phi_{45}^{4}\ \Phi_{36}^{4}\ \Phi_{30}^{3}\ \Phi_{24}^{4}\ \Phi_{18}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}$
58108	1056	265	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{9}{53}$	$\frac{1}{5}$	$\Phi_{265}^{5}\ \Phi_{5}^{4}$
58109	1056	211	$\frac{25}{211}$	$\frac{31}{211}$	$\frac{35}{211}$	$\frac{36}{211}$	$\Phi_{211}^{5}\ \Phi_{1}^{6}$
58110	1057	300	$\frac{1}{150}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{149}{300}$	$\Phi_{300}\ \Phi_{150}^{6}\ \Phi_{100}\ \Phi_{75}^{6}\ \Phi_{60}\ \Phi_{50}^{6}\ \Phi_{30}^{6}\ \Phi_{25}^{6}\ \Phi_{20}\ \Phi_{15}^{6}\ \Phi_{12}^{2}\ \Phi_{10}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
58111	1057	900	$\frac{1}{150}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{149}{300}$	$\Phi_{900}^{3}\ \Phi_{300}\ \Phi_{180}^{3}\ \Phi_{100}\ \Phi_{60}\ \Phi_{36}^{3}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
58112	1057	1920	$\frac{1}{96}$	$\frac{97}{960}$	$\frac{863}{1920}$	$\frac{95}{192}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{1}$
58113	1057	2088	$\frac{13}{1044}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1031}{2088}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{232}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
58114	1057	1416	$\frac{5}{354}$	$\frac{1}{6}$	$\frac{359}{1416}$	$\frac{349}{708}$	$\Phi_{1416}\ \Phi_{472}\ \Phi_{354}\ \Phi_{177}\ \Phi_{118}\ \Phi_{59}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
58115	1057	1272	$\frac{3}{212}$	$\frac{215}{1272}$	$\frac{1}{4}$	$\frac{209}{424}$	$\Phi_{1272}\ \Phi_{636}\ \Phi_{318}\ \Phi_{212}\ \Phi_{159}\ \Phi_{106}\ \Phi_{53}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
58116	1057	2080	$\frac{17}{1040}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1023}{2080}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{160}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
58117	1057	296	$\frac{3}{148}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{145}{296}$	$\Phi_{296}^{3}\ \Phi_{148}^{4}\ \Phi_{74}^{4}\ \Phi_{37}^{4}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
58118	1057	2048	$\frac{1}{32}$	$\frac{33}{1024}$	$\frac{991}{2048}$	$\frac{31}{64}$	$\Phi_{2048}\ \Phi_{64}\ \Phi_{1}$
58119	1057	1536	$\frac{1}{32}$	$\frac{33}{512}$	$\frac{479}{1536}$	$\frac{31}{64}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
58120	1057	1152	$\frac{1}{32}$	$\frac{95}{1152}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
58121	1057	1280	$\frac{1}{32}$	$\frac{33}{256}$	$\frac{223}{1280}$	$\frac{31}{64}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
58122	1057	1216	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{159}{1216}$	$\frac{145}{304}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{152}\ \Phi_{76}\ \Phi_{64}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{1}$
58123	1057	288	$\frac{1}{24}$	$\frac{7}{144}$	$\frac{23}{72}$	$\frac{137}{288}$	$\Phi_{288}^{7}\ \Phi_{96}^{7}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}^{7}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
58124	1057	288	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{137}{288}$	$\Phi_{288}^{7}\ \Phi_{96}^{7}\ \Phi_{32}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
58125	1057	1440	$\frac{1}{24}$	$\frac{23}{360}$	$\frac{383}{1440}$	$\frac{337}{720}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
58126	1057	1980	$\frac{1}{33}$	$\frac{67}{990}$	$\frac{32}{99}$	$\frac{923}{1980}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{132}\ \Phi_{99}\ \Phi_{60}\ \Phi_{44}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
58127	1057	1452	$\frac{1}{33}$	$\frac{32}{363}$	$\frac{395}{1452}$	$\frac{331}{726}$	$\Phi_{1452}\ \Phi_{484}\ \Phi_{363}\ \Phi_{132}\ \Phi_{121}\ \Phi_{44}\ \Phi_{12}\ \Phi_4\ \Phi_1$
58128	1057	1920	$\frac{1}{24}$	$\frac{97}{960}$	$\frac{23}{120}$	$\frac{863}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
58129	1057	1296	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{239}{1296}$	$\frac{193}{432}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
58130	1057	160	$\frac{9}{160}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{160}^7\ \Phi_{80}^7\ \Phi_{40}^7\ \Phi_{32}^7\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_8^6\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
58131	1057	1064	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{18}{133}$	$\frac{115}{266}$	$\Phi_{1064}\ \Phi_{532}\ \Phi_{152}^2\ \Phi_{133}\ \Phi_{76}^2\ \Phi_{56}\ \Phi_{38}\ \Phi_{28}\ \Phi_{19}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
58132	1057	176	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{25}{176}$	$\frac{19}{44}$	$\Phi_{176}^7\ \Phi_{88}^7\ \Phi_{22}^6\ \Phi_{16}^7\ \Phi_{11}^6\ \Phi_8^7\ \Phi_2^6\ \Phi_1^7$
58133	1057	264	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{19}{132}$	$\frac{113}{264}$	$\Phi_{264}^7\ \Phi_{88}^7\ \Phi_{24}^7\ \Phi_{22}^6\ \Phi_{11}^6\ \Phi_8^7\ \Phi_2^6\ \Phi_1^7$
58134	1057	1080	$\frac{23}{1080}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
58135	1057	1824	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{145}{912}$	$\frac{767}{1824}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{152}\ \Phi_{96}\ \Phi_{76}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_1$
58136	1057	612	$\frac{2}{153}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{612}^3\ \Phi_{204}^3\ \Phi_{153}\ \Phi_{68}^3\ \Phi_{51}\ \Phi_{36}^3\ \Phi_{17}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
58137	1057	900	$\frac{1}{75}$	$\frac{1}{6}$	$\frac{74}{225}$	$\frac{5}{12}$	$\Phi_{900}^3\ \Phi_{225}\ \Phi_{180}^3\ \Phi_{45}\ \Phi_{36}^3\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
58138	1057	600	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{49}{200}$	$\frac{5}{12}$	$\Phi_{600}^2\ \Phi_{200}^3\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
58139	1057	1860	$\frac{4}{155}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1860}\ \Phi_{620}\ \Phi_{372}\ \Phi_{155}\ \Phi_{124}\ \Phi_{31}\ \Phi_{12}\ \Phi_4\ \Phi_1$
58140	1057	156	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{156}^7\ \Phi_{78}^7\ \Phi_{52}^7\ \Phi_{39}^7\ \Phi_{26}^7\ \Phi_{13}^7\ \Phi_{12}^2\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
58141	1057	180	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{180}^7\ \Phi_{90}^7\ \Phi_{60}\ \Phi_{45}^7\ \Phi_{36}^7\ \Phi_{30}^6\ \Phi_{20}\ \Phi_{18}^7\ \Phi_{15}^6\ \Phi_{12}^2\ \Phi_{10}^6\ \Phi_9^7\ \Phi_6^6\ \Phi_5^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
58142	1057	2100	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{175}\ \Phi_{140}\ \Phi_{84}\ \Phi_{35}\ \Phi_{28}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
58143	1057	480	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^3\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^3\ \Phi_{48}^2\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
58144	1057	660	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{660}^3\ \Phi_{220}^3\ \Phi_{165}\ \Phi_{132}^3\ \Phi_{55}\ \Phi_{44}^3\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
58145	1057	1200	$\frac{1}{24}$	$\frac{143}{1200}$	$\frac{23}{120}$	$\frac{97}{240}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
58146	1057	1320	$\frac{1}{44}$	$\frac{43}{220}$	$\frac{263}{1320}$	$\frac{177}{440}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
58147	1057	1760	$\frac{1}{44}$	$\frac{43}{220}$	$\frac{177}{880}$	$\frac{703}{1760}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{55}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
58148	1057	1728	$\frac{1}{96}$	$\frac{193}{864}$	$\frac{95}{288}$	$\frac{671}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
58149	1057	1728	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{193}{864}$	$\frac{671}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
58150	1057	1696	$\frac{3}{212}$	$\frac{209}{848}$	$\frac{1}{4}$	$\frac{639}{1696}$	$\Phi_{1696}\ \Phi_{212}\ \Phi_{106}\ \Phi_{53}\ \Phi_{32}\ \Phi_1$
58151	1057	1536	$\frac{1}{96}$	$\frac{95}{384}$	$\frac{479}{1536}$	$\frac{289}{768}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_1$
58152	1057	1080	$\frac{23}{1080}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
58153	1057	1152	$\frac{1}{24}$	$\frac{95}{1152}$	$\frac{23}{72}$	$\frac{49}{144}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
58154	1057	1188	$\frac{1}{33}$	$\frac{131}{1188}$	$\frac{32}{99}$	$\frac{67}{198}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
58155	1057	456	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{37}{114}$	$\frac{77}{228}$	$\Phi_{456}^2\ \Phi_{228}\ \Phi_{152}^4\ \Phi_{114}^2\ \Phi_{76}^3\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{24}^2\ \Phi_{19}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
58156	1057	1584	$\frac{1}{132}$	$\frac{131}{396}$	$\frac{527}{1584}$	$\frac{265}{792}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
58157	1057	153	$\frac{2}{153}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{153}^7\ \Phi_{51}^7\ \Phi_{17}^7\ \Phi_9^5\ \Phi_3^6\ \Phi_1^7$
58158	1057	225	$\frac{1}{75}$	$\frac{2}{9}$	$\frac{74}{225}$	$\frac{1}{3}$	$\Phi_{225}^4\ \Phi_{75}^6\ \Phi_{45}^4\ \Phi_{25}^6\ \Phi_{15}^6\ \Phi_9^5\ \Phi_5^6\ \Phi_3^6\ \Phi_1^7$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
58159	1057	1800	$\frac{1}{50}$	$\frac{2}{9}$	$\frac{49}{200}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{360}\ \Phi_{200}\ \Phi_{180}\ \Phi_{100}\ \Phi_{72}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
58160	1057	1395	$\frac{4}{155}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1395}\ \Phi_{279}\ \Phi_{155}\ \Phi_{31}\ \Phi_9\ \Phi_1$
58161	1057	468	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{156}\ \Phi_{117}^3\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}^3\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
58162	1057	180	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^7\ \Phi_{90}^4\ \Phi_{60}^7\ \Phi_{45}^4\ \Phi_{36}^7\ \Phi_{30}^6\ \Phi_{20}^7\ \Phi_{18}^4\ \Phi_{15}^6\ \Phi_{12}^7\ \Phi_{10}^6\ \Phi_9^5\ \Phi_6^6\ \Phi_5^6\ \Phi_4^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
58163	1057	1575	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1575}\ \Phi_{315}\ \Phi_{175}\ \Phi_{63}\ \Phi_{35}\ \Phi_9\ \Phi_7\ \Phi_1$
58164	1057	1440	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{80}\ \Phi_{72}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
58165	1057	495	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{495}^3\ \Phi_{165}\ \Phi_{99}^3\ \Phi_{55}\ \Phi_{33}\ \Phi_{11}\ \Phi_9\ \Phi_1$
58166	1057	1566	$\frac{13}{522}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{509}{1566}$	$\Phi_{1566}\ \Phi_{783}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
58167	1057	1485	$\frac{1}{33}$	$\frac{67}{495}$	$\frac{428}{1485}$	$\frac{32}{99}$	$\Phi_{1485}\ \Phi_{297}\ \Phi_{135}\ \Phi_{99}\ \Phi_{27}\ \Phi_9\ \Phi_1$
58168	1057	1560	$\frac{17}{520}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{503}{1560}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{120}\ \Phi_{78}\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
58169	1057	216	$\frac{1}{24}$	$\frac{7}{72}$	$\frac{65}{216}$	$\frac{23}{72}$	$\Phi_{216}^7\ \Phi_{108}^7\ \Phi_{72}\ \Phi_{54}^7\ \Phi_{36}\ \Phi_{27}^7\ \Phi_{18}\ \Phi_9\ \Phi_1$
58170	1057	1368	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{311}{1368}$	$\frac{145}{456}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{152}\ \Phi_{76}\ \Phi_{72}\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_1$
58171	1057	216	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{65}{216}$	$\Phi_{216}^7\ \Phi_{108}^7\ \Phi_{54}^7\ \Phi_{27}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
58172	1057	160	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{160}^7\ \Phi_{80}^7\ \Phi_{40}^7\ \Phi_{32}^7\ \Phi_{20}^3\ \Phi_{16}^7\ \Phi_{10}^5\ \Phi_8^7\ \Phi_5^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
58173	1057	168	$\frac{17}{168}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{168}^7\ \Phi_{84}^7\ \Phi_{56}^7\ \Phi_{42}^7\ \Phi_{28}^7\ \Phi_{21}^7\ \Phi_{14}^7\ \Phi_8^6\ \Phi_7^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
58174	1057	198	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{47}{198}$	$\frac{19}{66}$	$\Phi_{198}^7\ \Phi_{99}^7\ \Phi_{22}^6\ \Phi_{18}^7\ \Phi_{11}^6\ \Phi_9^7\ \Phi_2^6\ \Phi_1^7$
58175	1057	1440	$\frac{1}{24}$	$\frac{23}{120}$	$\frac{97}{480}$	$\frac{383}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
58176	1057	160	$\frac{9}{160}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{160}^7\ \Phi_{80}^6\ \Phi_{40}^6\ \Phi_{32}^7\ \Phi_{20}^7\ \Phi_{16}^6\ \Phi_{10}^7\ \Phi_8^6\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
58177	1057	1300	$\frac{17}{260}$	$\frac{3}{20}$	$\frac{243}{1300}$	$\frac{1}{4}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{325}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
58178	1057	192	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{192}$	$\Phi_{192}^7\ \Phi_{96}^7\ \Phi_{64}^7\ \Phi_{32}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
58179	1058	906	$\frac{1}{151}$	$\frac{76}{453}$	$\frac{377}{906}$	$\frac{75}{151}$	$\Phi_{906}^2\ \Phi_{302}^2\ \Phi_{151}\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
58180	1058	1050	$\frac{4}{525}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{521}{1050}$	$\Phi_{1050}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{150}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
58181	1058	1050	$\frac{4}{525}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{521}{1050}$	$\Phi_{1050}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{150}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
58182	1058	636	$\frac{1}{106}$	$\frac{107}{636}$	$\frac{1}{3}$	$\frac{105}{212}$	$\Phi_{636}\ \Phi_{318}^2\ \Phi_{212}^2\ \Phi_{159}^2\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58183	1058	3120	$\frac{9}{520}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{511}{1040}$	$\Phi_{3120}\ \Phi_{624}\ \Phi_{240}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
58184	1058	1036	$\frac{11}{518}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{507}{1036}$	$\Phi_{1036}^2\ \Phi_{148}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
58185	1058	1980	$\frac{1}{45}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{22}{45}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{132}\ \Phi_{60}\ \Phi_{45}\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
58186	1058	495	$\frac{1}{45}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{22}{45}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{55}^2\ \Phi_{45}^3\ \Phi_{33}^3\ \Phi_{15}^3\ \Phi_{11}^2\ \Phi_9^3\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
58187	1058	264	$\frac{1}{24}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{264}^4\ \Phi_{132}^3\ \Phi_{88}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{33}^4\ \Phi_{24}^6\ \Phi_{22}^4\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
58188	1058	660	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{21}{44}$	$\Phi_{660}^3\ \Phi_{220}^3\ \Phi_{132}^3\ \Phi_{60}^3\ \Phi_{44}^4\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58189	1058	1100	$\frac{1}{22}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{1100}^2\ \Phi_{220}\ \Phi_{100}^2\ \Phi_{44}^2\ \Phi_{25}^2\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
58190	1058	1188	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{21}{44}$	$\Phi_{1188}^2\ \Phi_{396}\ \Phi_{132}\ \Phi_{108}^2\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{27}^2\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
58191	1058	1008	$\frac{25}{504}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{479}{1008}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{48}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
58192	1058	1974	$\frac{1}{47}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1974}\ \Phi_{658}\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
58193	1058	294	$\frac{3}{49}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{294}^7\ \Phi_{98}^7\ \Phi_{49}^2\ \Phi_{42}^4\ \Phi_{14}^4\ \Phi_7\ \Phi_6^4\ \Phi_2^4\ \Phi_1^2$
58194	1058	540	$\frac{11}{540}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^2$ $\Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58195	1058	560	$\frac{31}{560}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{14}^2$ $\Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
58196	1058	954	$\frac{1}{53}$	$\frac{52}{477}$	$\frac{1}{3}$	$\frac{425}{954}$	$\Phi_{954}^2\ \Phi_{318}^2\ \Phi_{159}\ \Phi_{106}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_2^2$
58197	1058	1504	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1504}\ \Phi_{376}\ \Phi_{188}\ \Phi_{94}$
58198	1058	931	$\frac{6}{133}$	$\frac{127}{931}$	$\frac{1}{7}$	$\frac{402}{931}$	$\Phi_{931}\ \Phi_{133}^2\ \Phi_{49}\ \Phi_{19}^2\ \Phi_7\ \Phi_1^2$
58199	1058	700	$\frac{4}{175}$	$\frac{1}{7}$	$\frac{171}{700}$	$\frac{3}{7}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_4^2$ $\Phi_2^2\ \Phi_1^2$
58200	1058	546	$\frac{17}{546}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_6^2$ $\Phi_2^2\ \Phi_1^2$
58201	1058	630	$\frac{4}{105}$	$\frac{1}{7}$	$\frac{101}{630}$	$\frac{3}{7}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{14}^2$ $\Phi_{10}^2\ \Phi_9^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
58202	1058	560	$\frac{31}{560}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{14}^2$ $\Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
58203	1058	1880	$\frac{1}{47}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1880}\ \Phi_{376}\ \Phi_{188}\ \Phi_{94}$
58204	1058	2544	$\frac{1}{106}$	$\frac{105}{424}$	$\frac{1}{3}$	$\frac{319}{848}$	$\Phi_{2544}\ \Phi_{318}\ \Phi_{159}\ \Phi_{48}\ \Phi_6$
58205	1058	1692	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1692}\ \Phi_{564}\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{94}$
58206	1058	798	$\frac{3}{133}$	$\frac{1}{7}$	$\frac{130}{399}$	$\frac{269}{798}$	$\Phi_{798}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{114}^2\ \Phi_{42}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
58207	1058	636	$\frac{1}{53}$	$\frac{107}{636}$	$\frac{52}{159}$	$\frac{1}{3}$	$\Phi_{636}^2\ \Phi_{318}^2\ \Phi_{212}^2\ \Phi_{159}\ \Phi_{106}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
58208	1058	780	$\frac{9}{260}$	$\frac{1}{10}$	$\frac{251}{780}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}^2\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{39}$ $\Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58209	1058	264	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{264}^4\ \Phi_{132}^4\ \Phi_{88}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{33}^3\ \Phi_{24}^6\ \Phi_{22}^4\ \Phi_{12}^6\ \Phi_{11}^2\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6$ $\Phi_3^4\ \Phi_2^6\ \Phi_1^4$
58210	1058	540	$\frac{11}{540}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^2$ $\Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
58211	1058	2100	$\frac{4}{175}$	$\frac{1}{5}$	$\frac{171}{700}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{15}$ $\Phi_{12}\ \Phi_6$
58212	1058	1680	$\frac{31}{560}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}$ $\Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
58213	1058	630	$\frac{4}{105}$	$\frac{101}{630}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}$ $\Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_2^2$
58214	1058	1650	$\frac{21}{550}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{330}\ \Phi_{165}\ \Phi_{150}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
58215	1058	600	$\frac{4}{75}$	$\frac{71}{600}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2$ $\Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
58216	1058	1680	$\frac{31}{560}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{60}\ \Phi_{48}$ $\Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
58217	1058	1950	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{121}{650}$	$\frac{1}{3}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{150}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
58218	1058	330	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{7}{30}$	$\frac{10}{33}$	$\Phi_{330}^4\ \Phi_{165}^2\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{55}^2\ \Phi_{33}^3\ \Phi_{30}^6\ \Phi_{22}^4\ \Phi_{15}^3\ \Phi_{11}^2\ \Phi_{10}^6\ \Phi_6^6$ $\Phi_5^3\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
58219	1058	825	$\frac{2}{25}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{825}^2\ \Phi_{165}\ \Phi_{75}^2\ \Phi_{33}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
58220	1058	297	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{10}{33}$	$\Phi_{297}^4\ \Phi_{99}^2\ \Phi_{33}^3\ \Phi_{27}^6\ \Phi_{11}^2\ \Phi_9^3\ \Phi_3^4\ \Phi_1^4$
58221	1058	756	$\frac{25}{252}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{227}{756}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
58222	1058	588	$\frac{59}{588}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{84}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
58223	1058	196	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{196}^7\ \Phi_{98}^7\ \Phi_{49}^2\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_7\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
58224	1058	672	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{168}$	$\frac{143}{672}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2$ $\Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
58225	1059	1404	$\frac{2}{351}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{349}{702}$	$\Phi_{1404}\ \Phi_{468}\ \Phi_{351}\ \Phi_{156}\ \Phi_{117}\ \Phi_{108}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{27}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
58226	1059	472	$\frac{1}{118}$	$\frac{1}{4}$	$\frac{119}{472}$	$\frac{117}{236}$	$\Phi_{472}^3\ \Phi_{236}^2\ \Phi_{118}\ \Phi_{59}\ \Phi_8^3\ \Phi_4\ \Phi_1$
58227	1059	696	$\frac{5}{348}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{343}{696}$	$\Phi_{696}^3\ \Phi_{232}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
58228	1059	2024	$\frac{1}{46}$	$\frac{47}{1012}$	$\frac{965}{2024}$	$\frac{45}{92}$	$\Phi_{2024}\ \Phi_{184}\ \Phi_{92}\ \Phi_{88}\ \Phi_8\ \Phi_4\ \Phi_1$
58229	1059	644	$\frac{1}{46}$	$\frac{31}{322}$	$\frac{15}{46}$	$\frac{291}{644}$	$\Phi_{644}^3\ \Phi_{92}^3\ \Phi_{46}^2\ \Phi_{28}^3\ \Phi_{23}^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
58230	1059	1472	$\frac{1}{46}$	$\frac{45}{368}$	$\frac{413}{1472}$	$\frac{323}{736}$	$\Phi_{1472}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
58231	1059	1840	$\frac{1}{46}$	$\frac{139}{920}$	$\frac{45}{184}$	$\frac{781}{1840}$	$\Phi_{1840}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{80}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
58232	1059	360	$\frac{7}{360}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
58233	1059	1180	$\frac{1}{59}$	$\frac{58}{295}$	$\frac{1}{4}$	$\frac{237}{590}$	$\Phi_{1180}\ \Phi_{295}\ \Phi_{236}^2\ \Phi_{118}\ \Phi_{59}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
58234	1059	552	$\frac{1}{46}$	$\frac{15}{92}$	$\frac{77}{276}$	$\frac{199}{552}$	$\Phi_{552}^3\ \Phi_{184}^3\ \Phi_{92}^3\ \Phi_{46}^2\ \Phi_{24}^3\ \Phi_{23}^2\ \Phi_8^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
58235	1059	468	$\frac{2}{117}$	$\frac{115}{468}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^3\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
58236	1059	360	$\frac{7}{360}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
58237	1059	780	$\frac{2}{39}$	$\frac{37}{390}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
58238	1059	756	$\frac{25}{378}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}\ \Phi_{252}^2\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
58239	1059	1044	$\frac{5}{174}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{169}{522}$	$\Phi_{1044}^2\ \Phi_{522}\ \Phi_{261}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
58240	1060	528	$\frac{1}{264}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{263}{528}$	$\Phi_{528}^4\ \Phi_{176}^4\ \Phi_{48}^4\ \Phi_{16}^4\ \Phi_3\ \Phi_1^2$
58241	1060	1688	$\frac{1}{211}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{105}{211}$	$\Phi_{1688}\ \Phi_{211}\ \Phi_8^2\ \Phi_1^2$
58242	1060	354	$\frac{1}{177}$	$\frac{89}{354}$	$\frac{1}{3}$	$\frac{88}{177}$	$\Phi_{354}^4\ \Phi_{177}^2\ \Phi_{118}^4\ \Phi_{59}^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
58243	1060	1053	$\frac{7}{1053}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{523}{1053}$	$\Phi_{1053}\ \Phi_{351}\ \Phi_{117}\ \Phi_{81}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
58244	1060	353	$\frac{3}{353}$	$\frac{88}{353}$	$\frac{89}{353}$	$\frac{175}{353}$	$\Phi_{353}^3\ \Phi_1^4$
58245	1060	315	$\frac{1}{105}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{52}{105}$	$\Phi_{315}^3\ \Phi_{105}^4\ \Phi_{63}^3\ \Phi_{45}^3\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
58246	1060	210	$\frac{1}{105}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{52}{105}$	$\Phi_{210}^6\ \Phi_{105}^4\ \Phi_{70}^6\ \Phi_{42}^6\ \Phi_{35}^4\ \Phi_{30}^6\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7^4\ \Phi_6^8\ \Phi_5^4\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
58247	1060	1059	$\frac{11}{1059}$	$\frac{107}{1059}$	$\frac{476}{1059}$	$\frac{524}{1059}$	$\Phi_{1059}\ \Phi_{353}\ \Phi_3\ \Phi_1^2$
58248	1060	426	$\frac{1}{71}$	$\frac{1}{6}$	$\frac{18}{71}$	$\frac{35}{71}$	$\Phi_{426}^3\ \Phi_{213}^3\ \Phi_{142}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
58249	1060	522	$\frac{4}{261}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{257}{522}$	$\Phi_{522}^4\ \Phi_{174}^4\ \Phi_{58}^4\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
58250	1060	1059	$\frac{17}{1059}$	$\frac{158}{1059}$	$\frac{269}{1059}$	$\frac{521}{1059}$	$\Phi_{1059}\ \Phi_{353}\ \Phi_3\ \Phi_1^2$
58251	1060	177	$\frac{1}{59}$	$\frac{6}{59}$	$\frac{1}{3}$	$\frac{29}{59}$	$\Phi_{177}^9\ \Phi_3^8$
58252	1060	1976	$\frac{1}{52}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{51}{104}$	$\Phi_{1976}\ \Phi_{152}\ \Phi_{104}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_1^2$
58253	1060	3432	$\frac{1}{52}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{3432}\ \Phi_{264}\ \Phi_{33}$
58254	1060	1976	$\frac{1}{52}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{51}{104}$	$\Phi_{1976}\ \Phi_{152}\ \Phi_{104}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_1^2$
58255	1060	1560	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{51}{104}$	$\Phi_{1560}^2\ \Phi_{520}\ \Phi_{120}^2\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
58256	1060	2590	$\frac{6}{259}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{253}{518}$	$\Phi_{2590}\ \Phi_{370}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
58257	1060	1520	$\frac{1}{38}$	$\frac{39}{304}$	$\frac{1}{5}$	$\frac{37}{76}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{190}\ \Phi_{95}\ \Phi_{80}\ \Phi_{40}\ \Phi_{10}$
58258	1060	714	$\frac{2}{51}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{714}^3\ \Phi_{238}^3\ \Phi_{102}^2\ \Phi_{42}^3\ \Phi_{34}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58259	1060	2520	$\frac{13}{252}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{239}{504}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{360}\ \Phi_{280}\ \Phi_{120}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{10}$
58260	1060	1482	$\frac{1}{26}$	$\frac{1}{19}$	$\frac{25}{78}$	$\frac{9}{19}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{114}\ \Phi_{78}^2\ \Phi_{57}\ \Phi_{39}^2\ \Phi_{19}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
58261	1060	1064	$\frac{1}{19}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{152}\ \Phi_{133}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{19}\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_1^2$
58262	1060	1235	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{9}{19}$	$\Phi_{1235}\ \Phi_{95}\ \Phi_{65}^2\ \Phi_{19}\ \Phi_5^2\ \Phi_1^2$
58263	1060	504	$\frac{1}{21}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{504}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{72}^2\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58264	1060	280	$\frac{3}{56}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{280}^5\ \Phi_{140}^4\ \Phi_{70}^5\ \Phi_{40}^5\ \Phi_{35}^5\ \Phi_{20}^4\ \Phi_{10}^5\ \Phi_5^4$
58265	1060	2470	$\frac{1}{19}$	$\frac{18}{247}$	$\frac{1}{5}$	$\frac{229}{494}$	$\Phi_{2470}\ \Phi_{190}\ \Phi_{130}\ \Phi_{95}\ \Phi_{10}$
58266	1060	672	$\frac{1}{21}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{672}^3\ \Phi_{224}^3\ \Phi_{96}^2\ \Phi_{42}^3\ \Phi_{32}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58267	1060	54	$\frac{1}{54}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{54}^{20}\ \Phi_{27}^{20}\ \Phi_{18}^{20}\ \Phi_9^{18}\ \Phi_6^{20}\ \Phi_3^{17}\ \Phi_2^{20}\ \Phi_1^{18}$
58268	1060	630	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{17}{70}$	$\frac{4}{9}$	$\Phi_{630}^2\ \Phi_{315}\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^4\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
58269	1060	495	$\frac{2}{55}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{55}^4\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{15}\ \Phi_{11}^4\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
58270	1060	63	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{10}{63}$	$\frac{4}{9}$	$\Phi_{63}^{17}\ \Phi_{21}^{16}\ \Phi_9^{18}\ \Phi_7^{16}\ \Phi_3^{17}\ \Phi_1^{18}$
58271	1060	504	$\frac{3}{56}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{56}^4\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^4\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^4\ \Phi_7^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
58272	1060	180	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{7}{60}$	$\frac{4}{9}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^8\ \Phi_{45}^3\ \Phi_{36}^6\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{18}^6\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_9^4\ \Phi_6^8\ \Phi_5^4\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
58273	1060	1416	$\frac{1}{59}$	$\frac{29}{236}$	$\frac{1}{3}$	$\frac{207}{472}$	$\Phi_{1416}^2\ \Phi_{177}\ \Phi_{24}^2$
58274	1060	378	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{378}^3\ \Phi_{189}^3\ \Phi_{126}^3\ \Phi_{63}^3\ \Phi_{54}^2\ \Phi_{42}^3\ \Phi_{27}^2\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
58275	1060	2280	$\frac{1}{38}$	$\frac{37}{228}$	$\frac{1}{5}$	$\frac{191}{456}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{190}\ \Phi_{120}\ \Phi_{95}\ \Phi_{40}\ \Phi_{10}$
58276	1060	420	$\frac{1}{21}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{60}^2\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58277	1060	630	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{630}^3\ \Phi_{210}^3\ \Phi_{126}^3\ \Phi_{90}^2\ \Phi_{70}^3\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58278	1060	1059	$\frac{14}{1059}$	$\frac{209}{1059}$	$\frac{317}{1059}$	$\frac{425}{1059}$	$\Phi_{1059}\ \Phi_{353}\ \Phi_3\ \Phi_1^2$
58279	1060	177	$\frac{2}{177}$	$\frac{35}{177}$	$\frac{1}{3}$	$\frac{71}{177}$	$\Phi_{177}^6\ \Phi_{59}^6\ \Phi_3^5\ \Phi_1^6$
58280	1060	2568	$\frac{1}{107}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2568}\ \Phi_{321}$
58281	1060	1688	$\frac{3}{211}$	$\frac{52}{211}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1688}\ \Phi_{211}\ \Phi_8^2\ \Phi_1^2$
58282	1060	1080	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{270}\ \Phi_{135}\ \Phi_{120}^2\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
58283	1060	267	$\frac{2}{267}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{267}^4\ \Phi_{89}^4\ \Phi_3\ \Phi_1^2$
58284	1060	396	$\frac{1}{132}$	$\frac{131}{396}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{99}^4\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
58285	1060	804	$\frac{3}{268}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{804}\ \Phi_{402}\ \Phi_{268}^2\ \Phi_{201}\ \Phi_{134}^2\ \Phi_{67}^2\ \Phi_3\ \Phi_1^2$
58286	1060	1056	$\frac{1}{88}$	$\frac{87}{352}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}^2\ \Phi_{176}^2\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
58287	1060	66	$\frac{1}{66}$	$\frac{13}{66}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{66}^{16}\ \Phi_{33}^{16}\ \Phi_{22}^{16}\ \Phi_{11}^{16}\ \Phi_6^{16}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
58288	1060	54	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{54}^{20}\ \Phi_{27}^{20}\ \Phi_{18}^{20}\ \Phi_9^{20}\ \Phi_6^{16}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
58289	1060	924	$\frac{1}{44}$	$\frac{43}{308}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{84}\ \Phi_{77}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
58290	1060	816	$\frac{7}{272}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}^2\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
58291	1060	297	$\frac{1}{33}$	$\frac{32}{297}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{297}^4\ \Phi_{99}^4\ \Phi_{27}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
58292	1060	165	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}^5\ \Phi_{55}^{10}\ \Phi_{33}^4\ \Phi_{15}^5\ \Phi_{11}^8\ \Phi_5^{10}\ \Phi_3^5\ \Phi_1^{10}$
58293	1060	276	$\frac{11}{276}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{276}^4\ \Phi_{138}^4\ \Phi_{92}^4\ \Phi_{69}^4\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_3\ \Phi_1^2$
58294	1060	288	$\frac{1}{24}$	$\frac{23}{288}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{288}^4\ \Phi_{144}^4\ \Phi_{96}^4\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{32}^4\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
58295	1060	858	$\frac{1}{22}$	$\frac{21}{286}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{858}\ \Phi_{429}\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
58296	1060	561	$\frac{31}{561}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{561}^2\ \Phi_{187}^2\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_3\ \Phi_1^2$
58297	1060	630	$\frac{2}{105}$	$\frac{1}{6}$	$\frac{103}{315}$	$\frac{1}{3}$	$\Phi_{630}^3\ \Phi_{315}^2\ \Phi_{126}^3\ \Phi_{90}^3\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58298	1060	783	$\frac{8}{261}$	$\frac{1}{9}$	$\frac{253}{783}$	$\frac{1}{3}$	$\Phi_{783}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
58299	1060	858	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{858}\ \Phi_{429}\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{66}\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2$
58300	1060	54	$\frac{1}{54}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{54}^{20}\ \Phi_{27}^{19}\ \Phi_{18}^{20}\ \Phi_9^{20}\ \Phi_6^{20}\ \Phi_3^{19}\ \Phi_2^{20}\ \Phi_1^{20}$
58301	1060	354	$\frac{1}{59}$	$\frac{29}{118}$	$\frac{89}{354}$	$\frac{1}{3}$	$\Phi_{354}^2\ \Phi_{177}^3\ \Phi_{118}^4\ \Phi_{59}^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
58302	1060	1848	$\frac{3}{56}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{33}$
58303	1060	351	$\frac{7}{351}$	$\frac{2}{9}$	$\frac{86}{351}$	$\frac{1}{3}$	$\Phi_{351}^3\ \Phi_{117}^3\ \Phi_{39}^3\ \Phi_{27}^3\ \Phi_{13}^3\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
58304	1060	210	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{17}{70}$	$\frac{1}{3}$	$\Phi_{210}^4\ \Phi_{105}^5\ \Phi_{70}^6\ \Phi_{42}^4\ \Phi_{35}^6\ \Phi_{30}^4\ \Phi_{21}^5\ \Phi_{15}^5\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7^6\ \Phi_6^6\ \Phi_5^6\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
58305	1060	117	$\frac{7}{117}$	$\frac{11}{117}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{117}^9\ \Phi_{39}^9\ \Phi_{13}^9\ \Phi_9^{10}\ \Phi_3^9\ \Phi_1^{10}$
58306	1060	567	$\frac{37}{567}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{567}^2\ \Phi_{189}^2\ \Phi_{81}\ \Phi_{63}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
58307	1060	330	$\frac{2}{55}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{330}^4\ \Phi_{165}^2\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{55}^4\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^4\ \Phi_{15}\ \Phi_{11}^4\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
58308	1060	2145	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{165}\ \Phi_{33}$
58309	1060	126	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{126}^{12}\ \Phi_{63}^8\ \Phi_{42}^6\ \Phi_{21}^4\ \Phi_{18}^{12}\ \Phi_{14}^6\ \Phi_9^8\ \Phi_7^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
58310	1060	168	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{168}^6\ \Phi_{84}^6\ \Phi_{56}^8\ \Phi_{42}^4\ \Phi_{28}^8\ \Phi_{24}^6\ \Phi_{21}^5\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_8^8\ \Phi_7^6\ \Phi_6^6\ \Phi_4^8\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
58311	1060	450	$\frac{13}{225}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{450}^3\ \Phi_{225}^2\ \Phi_{150}^3\ \Phi_{90}^3\ \Phi_{75}^2\ \Phi_{50}^3\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58312	1060	60	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{60}^{20}\ \Phi_{30}^{14}\ \Phi_{20}^{20}\ \Phi_{15}^{16}\ \Phi_{12}^{20}\ \Phi_{10}^{14}\ \Phi_6^{16}\ \Phi_5^{16}\ \Phi_4^{20}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
58313	1060	462	$\frac{19}{231}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{462}^3\ \Phi_{231}^2\ \Phi_{154}^3\ \Phi_{77}^2\ \Phi_{66}^3\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58314	1060	1710	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{77}{342}$	$\frac{37}{114}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{190}\ \Phi_{95}\ \Phi_{90}\ \Phi_{45}\ \Phi_{10}$
58315	1060	1482	$\frac{1}{26}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{25}{78}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{114}\ \Phi_{78}^2\ \Phi_{57}\ \Phi_{39}^2\ \Phi_{19}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
58316	1060	390	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{25}{78}$	$\Phi_{390}^3\ \Phi_{195}^3\ \Phi_{130}^4\ \Phi_{65}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^5\ \Phi_5^4$
58317	1060	1470	$\frac{1}{14}$	$\frac{29}{294}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{245}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
58318	1060	1890	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{5}$	$\frac{113}{378}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{270}\ \Phi_{135}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
58319	1060	280	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{280}^5\ \Phi_{140}^5\ \Phi_{70}^5\ \Phi_{40}^5\ \Phi_{35}^3\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^2$
58320	1060	504	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{126}^3\ \Phi_{72}^2\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{36}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58321	1060	1064	$\frac{3}{56}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{152}\ \Phi_{133}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{19}\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_1^2$
58322	1060	840	$\frac{3}{56}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}\ \Phi_{210}^2\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
58323	1060	1680	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1}{5}$	$\frac{71}{336}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{280}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{10}$
58324	1060	1235	$\frac{1}{13}$	$\frac{3}{19}$	$\frac{12}{65}$	$\frac{4}{19}$	$\Phi_{1235}\ \Phi_{95}\ \Phi_{65}^2\ \Phi_{19}\ \Phi_5^2\ \Phi_1^2$
58325	1060	390	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{12}{65}$	$\frac{1}{5}$	$\Phi_{390}^3\ \Phi_{195}^3\ \Phi_{130}^3\ \Phi_{78}^4\ \Phi_{39}^4\ \Phi_{30}^4\ \Phi_{26}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
58326	1061	1696	$\frac{1}{212}$	$\frac{213}{848}$	$\frac{635}{1696}$	$\frac{211}{424}$	$\Phi_{1696}\ \Phi_{424}\ \Phi_{32}\ \Phi_8\ \Phi_1$
58327	1061	2112	$\frac{5}{1056}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1051}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{64}\ \Phi_8\ \Phi_1$
58328	1061	2100	$\frac{11}{1050}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1039}{2100}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{60}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
58329	1061	1420	$\frac{4}{355}$	$\frac{1}{5}$	$\frac{359}{1420}$	$\frac{351}{710}$	$\Phi_{1420}\ \Phi_{355}\ \Phi_{284}\ \Phi_{71}\ \Phi_{20}\ \Phi_4\ \Phi_1$
58330	1061	1216	$\frac{3}{152}$	$\frac{155}{1216}$	$\frac{1}{4}$	$\frac{149}{304}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{152}\ \Phi_{76}\ \Phi_{64}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_8\ \Phi_1$
58331	1061	2080	$\frac{21}{1040}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{1019}{2080}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
58332	1061	2072	$\frac{25}{1036}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1011}{2072}$	Φ_{2072} Φ_{296} Φ_{56} Φ_{28} Φ_{14} Φ_{8} Φ_{7} Φ_{1}
58333	1061	2040	$\frac{41}{1020}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{979}{2040}$	Φ_{2040} Φ_{680} Φ_{408} Φ_{136} Φ_{120} Φ_{60} Φ_{40} Φ_{30} Φ_{24} Φ_{15} Φ_{12} Φ_{8} Φ_{6} Φ_{3} Φ_{1}
58334	1061	1560	$\frac{21}{520}$	$\frac{1}{20}$	$\frac{499}{1560}$	$\frac{19}{40}$	Φ_{1560} Φ_{780} Φ_{390} Φ_{312} Φ_{195} Φ_{156} Φ_{120} Φ_{78} Φ_{60} Φ_{40} Φ_{39} Φ_{30} Φ_{24} Φ_{15} Φ_{12} Φ_{8} Φ_{6} Φ_{3} Φ_{1}
58335	1061	1120	$\frac{1}{20}$	$\frac{59}{1120}$	$\frac{21}{80}$	$\frac{19}{40}$	Φ_{1120} Φ_{560} Φ_{280} Φ_{224} Φ_{160} Φ_{140} Φ_{112} Φ_{70} Φ_{56} Φ_{40} Φ_{35} Φ_{32} Φ_{28} Φ_{14} Φ_{8} Φ_{7} Φ_{1}
58336	1061	2016	$\frac{53}{1008}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{955}{2016}$	Φ_{2016} Φ_{672} Φ_{288} Φ_{224} Φ_{96} Φ_{56} Φ_{32} Φ_{28} Φ_{14} Φ_{8} Φ_{7} Φ_{1}
58337	1061	1440	$\frac{1}{20}$	$\frac{19}{360}$	$\frac{379}{1440}$	$\frac{341}{720}$	Φ_{1440} Φ_{480} Φ_{360} Φ_{288} Φ_{180} Φ_{160} Φ_{120} Φ_{96} Φ_{90} Φ_{72} Φ_{60} Φ_{45} Φ_{40} Φ_{36} Φ_{32} Φ_{30} Φ_{24} Φ_{18} Φ_{15} Φ_{12} Φ_{9} Φ_{8} Φ_{6} Φ_{3} Φ_{1}
58338	1061	1120	$\frac{59}{1120}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{53}{112}$	Φ_{1120} Φ_{560} Φ_{280} Φ_{224} Φ_{160} Φ_{140} Φ_{80} Φ_{70} Φ_{56} Φ_{40} Φ_{35} Φ_{32} Φ_{28} Φ_{20} Φ_{14} Φ_{10} Φ_{8} Φ_{7} Φ_{5} Φ_{1}
58339	1061	1976	$\frac{3}{76}$	$\frac{73}{988}$	$\frac{1}{4}$	$\frac{915}{1976}$	Φ_{1976} Φ_{152} Φ_{104} Φ_{76} Φ_{38} Φ_{19} Φ_{8} Φ_{1}
58340	1061	1920	$\frac{1}{20}$	$\frac{101}{960}$	$\frac{19}{120}$	$\frac{859}{1920}$	Φ_{1920} Φ_{640} Φ_{384} Φ_{128} Φ_{120} Φ_{60} Φ_{40} Φ_{30} Φ_{24} Φ_{15} Φ_{12} Φ_{8} Φ_{6} Φ_{3} Φ_{1}
58341	1061	1908	$\frac{1}{53}$	$\frac{107}{954}$	$\frac{52}{159}$	$\frac{847}{1908}$	Φ_{1908} Φ_{636} Φ_{212} Φ_{159} Φ_{36} Φ_{12} Φ_{4} Φ_{3} Φ_{1}
58342	1061	1484	$\frac{1}{53}$	$\frac{52}{371}$	$\frac{423}{1484}$	$\frac{319}{742}$	Φ_{1484} Φ_{371} Φ_{212} Φ_{28} Φ_{7} Φ_{4} Φ_{1}
58343	1061	1200	$\frac{1}{20}$	$\frac{139}{1200}$	$\frac{19}{120}$	$\frac{101}{240}$	Φ_{1200} Φ_{600} Φ_{400} Φ_{300} Φ_{200} Φ_{150} Φ_{120} Φ_{100} Φ_{75} Φ_{60} Φ_{50} Φ_{40} Φ_{30} Φ_{25} Φ_{24} Φ_{15} Φ_{12} Φ_{8} Φ_{6} Φ_{3} Φ_{1}
58344	1061	1824	$\frac{3}{152}$	$\frac{149}{912}$	$\frac{1}{4}$	$\frac{763}{1824}$	Φ_{1824} Φ_{608} Φ_{152} Φ_{96} Φ_{76} Φ_{38} Φ_{32} Φ_{19} Φ_{8} Φ_{1}
58345	1061	1800	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{161}{900}$	$\frac{739}{1800}$	Φ_{1800} Φ_{600} Φ_{360} Φ_{200} Φ_{180} Φ_{120} Φ_{90} Φ_{72} Φ_{60} Φ_{45} Φ_{40} Φ_{36} Φ_{30} Φ_{24} Φ_{18} Φ_{15} Φ_{12} Φ_{9} Φ_{8} Φ_{6} Φ_{3} Φ_{1}
58346	1061	1584	$\frac{5}{528}$	$\frac{1}{4}$	$\frac{523}{1584}$	$\frac{3}{8}$	Φ_{1584} Φ_{792} Φ_{396} Φ_{198} Φ_{144} Φ_{99} Φ_{72} Φ_{36} Φ_{18} Φ_{9} Φ_{8} Φ_{1}
58347	1061	1072	$\frac{11}{1072}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	Φ_{1072} Φ_{536} Φ_{268} Φ_{134} Φ_{67} Φ_{8} Φ_{1}
58348	1061	1408	$\frac{5}{352}$	$\frac{347}{1408}$	$\frac{1}{4}$	$\frac{3}{8}$	Φ_{1408} Φ_{704} Φ_{128} Φ_{64} Φ_{8} Φ_{1}
58349	1061	1080	$\frac{19}{1080}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	Φ_{1080} Φ_{540} Φ_{360} Φ_{270} Φ_{216} Φ_{180} Φ_{135} Φ_{120} Φ_{108} Φ_{90} Φ_{72} Φ_{60} Φ_{54} Φ_{45} Φ_{40} Φ_{36} Φ_{30} Φ_{27} Φ_{20} Φ_{18} Φ_{15} Φ_{10} Φ_{9} Φ_{8} Φ_{5} Φ_{1}
58350	1061	1320	$\frac{5}{264}$	$\frac{259}{1320}$	$\frac{1}{4}$	$\frac{3}{8}$	Φ_{1320} Φ_{660} Φ_{440} Φ_{330} Φ_{220} Φ_{165} Φ_{120} Φ_{110} Φ_{60} Φ_{55} Φ_{40} Φ_{30} Φ_{20} Φ_{15} Φ_{10} Φ_{8} Φ_{5} Φ_{1}
58351	1061	1088	$\frac{27}{1088}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	Φ_{1088} Φ_{544} Φ_{272} Φ_{136} Φ_{68} Φ_{64} Φ_{34} Φ_{17} Φ_{8} Φ_{1}
58352	1061	1232	$\frac{5}{176}$	$\frac{171}{1232}$	$\frac{1}{4}$	$\frac{3}{8}$	Φ_{1232} Φ_{616} Φ_{308} Φ_{154} Φ_{112} Φ_{77} Φ_{56} Φ_{28} Φ_{14} Φ_{8} Φ_{7} Φ_{1}
58353	1061	1104	$\frac{43}{1104}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	Φ_{1104} Φ_{552} Φ_{368} Φ_{276} Φ_{184} Φ_{138} Φ_{92} Φ_{69} Φ_{46} Φ_{23} Φ_{8} Φ_{1}
58354	1061	1152	$\frac{5}{96}$	$\frac{91}{1152}$	$\frac{1}{4}$	$\frac{3}{8}$	Φ_{1152} Φ_{576} Φ_{384} Φ_{288} Φ_{192} Φ_{144} Φ_{128} Φ_{72} Φ_{64} Φ_{36} Φ_{18} Φ_{9} Φ_{8} Φ_{1}
58355	1061	1144	$\frac{5}{88}$	$\frac{83}{1144}$	$\frac{1}{4}$	$\frac{3}{8}$	Φ_{1144} Φ_{572} Φ_{286} Φ_{143} Φ_{104} Φ_{52} Φ_{26} Φ_{13} Φ_{8} Φ_{1}
58356	1061	1080	$\frac{19}{1080}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	Φ_{1080} Φ_{540} Φ_{360} Φ_{270} Φ_{216} Φ_{180} Φ_{135} Φ_{120} Φ_{108} Φ_{90} Φ_{72} Φ_{60} Φ_{54} Φ_{45} Φ_{40} Φ_{36} Φ_{27} Φ_{24} Φ_{20} Φ_{18} Φ_{15} Φ_{12} Φ_{9} Φ_{8} Φ_{4} Φ_{3} Φ_{1}
58357	1061	1272	$\frac{1}{53}$	$\frac{211}{1272}$	$\frac{52}{159}$	$\frac{107}{318}$	Φ_{1272} Φ_{636} Φ_{424} Φ_{212} Φ_{159} Φ_{24} Φ_{12} Φ_{8} Φ_{4} Φ_{3} Φ_{1}
58358	1061	1431	$\frac{1}{53}$	$\frac{107}{477}$	$\frac{370}{1431}$	$\frac{52}{159}$	Φ_{1431} Φ_{159} Φ_{27} Φ_{3} Φ_{1}
58359	1061	1368	$\frac{3}{152}$	$\frac{307}{1368}$	$\frac{1}{4}$	$\frac{149}{456}$	Φ_{1368} Φ_{684} Φ_{342} Φ_{171} Φ_{152} Φ_{76} Φ_{72} Φ_{38} Φ_{36} Φ_{19} Φ_{18} Φ_{9} Φ_{8} Φ_{1}
58360	1061	1575	$\frac{11}{525}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{514}{1575}$	Φ_{1575} Φ_{315} Φ_{225} Φ_{63} Φ_{45} Φ_{15} Φ_{9} Φ_{3} Φ_{1}
58361	1061	1176	$\frac{3}{56}$	$\frac{115}{1176}$	$\frac{1}{4}$	$\frac{53}{168}$	Φ_{1176} Φ_{588} Φ_{392} Φ_{294} Φ_{196} Φ_{147} Φ_{98} Φ_{56} Φ_{49} Φ_{28} Φ_{14} Φ_{8} Φ_{7} Φ_{1}
58362	1061	1512	$\frac{3}{56}$	$\frac{53}{504}$	$\frac{1}{4}$	$\frac{451}{1512}$	Φ_{1512} Φ_{756} Φ_{378} Φ_{216} Φ_{189} Φ_{108} Φ_{56} Φ_{54} Φ_{28} Φ_{27} Φ_{14} Φ_{8} Φ_{7} Φ_{1}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
58363	1061	1260	$\frac{11}{210}$	$\frac{199}{1260}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
58364	1061	1125	$\frac{64}{1125}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{225}\ \Phi_{125}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
58365	1061	1200	$\frac{11}{150}$	$\frac{139}{1200}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
58366	1061	1155	$\frac{94}{1155}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{77}\ \Phi_{55}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}$
58367	1061	1440	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{101}{480}$	$\frac{379}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
58368	1061	1344	$\frac{3}{56}$	$\frac{53}{336}$	$\frac{283}{1344}$	$\frac{1}{4}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
58369	1062	1760	$\frac{1}{176}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{175}{352}$	$\Phi_{1760}\ \Phi_{352}^2\ \Phi_{160}\ \Phi_{32}^2\ \Phi_{5}\ \Phi_{1}^2$
58370	1062	1056	$\frac{1}{176}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{175}{352}$	$\Phi_{1056}^3\ \Phi_{96}^3\ \Phi_{12}\ \Phi_{6}$
58371	1062	1872	$\frac{1}{117}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{58}{117}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{48}\ \Phi_{39}\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
58372	1062	468	$\frac{1}{117}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{58}{117}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^3\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^3\ \Phi_{12}^2\ \Phi_{9}^3\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
58373	1062	1050	$\frac{2}{175}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{173}{350}$	$\Phi_{1050}^3\ \Phi_{210}^3\ \Phi_{150}^3\ \Phi_{42}^3\ \Phi_{30}^3\ \Phi_{21}\ \Phi_{6}^3$
58374	1062	700	$\frac{2}{175}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{173}{350}$	$\Phi_{700}^2\ \Phi_{175}^2\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
58375	1062	1061	$\frac{13}{1061}$	$\frac{179}{1061}$	$\frac{294}{1061}$	$\frac{524}{1061}$	$\Phi_{1061}\ \Phi_{1}^2$
58376	1062	1824	$\frac{1}{76}$	$\frac{77}{608}$	$\frac{1}{3}$	$\frac{75}{152}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}\ \Phi_{57}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
58377	1062	284	$\frac{1}{71}$	$\frac{12}{71}$	$\frac{1}{4}$	$\frac{35}{71}$	$\Phi_{284}^5\ \Phi_{142}^5\ \Phi_{4}^4\ \Phi_{2}^4$
58378	1062	1972	$\frac{1}{58}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{57}{116}$	$\Phi_{1972}\ \Phi_{116}^2\ \Phi_{68}\ \Phi_{17}\ \Phi_{4}^2\ \Phi_{1}^2$
58379	1062	1740	$\frac{1}{58}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{57}{116}$	$\Phi_{1740}^2\ \Phi_{348}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
58380	1062	1972	$\frac{1}{58}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{57}{116}$	$\Phi_{1972}\ \Phi_{116}^2\ \Phi_{68}\ \Phi_{17}\ \Phi_{4}^2\ \Phi_{1}^2$
58381	1062	812	$\frac{1}{58}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{57}{116}$	$\Phi_{812}\ \Phi_{406}^2\ \Phi_{203}^2\ \Phi_{28}^2\ \Phi_{14}^3\ \Phi_{7}^2$
58382	1062	3108	$\frac{13}{518}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{505}{1036}$	$\Phi_{3108}\ \Phi_{444}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
58383	1062	114	$\frac{2}{57}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{114}^{18}\ \Phi_{57}\ \Phi_{38}^{18}\ \Phi_{6}^{18}\ \Phi_{2}^{18}$
58384	1062	1680	$\frac{1}{28}$	$\frac{29}{560}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
58385	1062	1520	$\frac{1}{20}$	$\frac{1}{19}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{1520}\ \Phi_{380}\ \Phi_{304}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}$
58386	1062	336	$\frac{1}{28}$	$\frac{3}{56}$	$\frac{1}{3}$	$\frac{53}{112}$	$\Phi_{336}^9\ \Phi_{84}\ \Phi_{48}^9\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
58387	1062	2128	$\frac{1}{19}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{2128}\ \Phi_{304}\ \Phi_{76}\ \Phi_{38}$
58388	1062	560	$\frac{3}{56}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{53}{112}$	$\Phi_{560}^4\ \Phi_{112}^2\ \Phi_{80}^4\ \Phi_{70}\ \Phi_{35}\ \Phi_{16}^2\ \Phi_{14}$
58389	1062	1479	$\frac{1}{29}$	$\frac{1}{17}$	$\frac{28}{87}$	$\frac{8}{17}$	$\Phi_{1479}\ \Phi_{87}^2\ \Phi_{51}\ \Phi_{17}\ \Phi_{3}^2\ \Phi_{1}^2$
58390	1062	340	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{9}{68}$	$\frac{8}{17}$	$\Phi_{340}^4\ \Phi_{170}^3\ \Phi_{85}^3\ \Phi_{68}^2\ \Phi_{34}\ \Phi_{20}^4\ \Phi_{17}^2\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
58391	1062	2090	$\frac{1}{19}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{2090}\ \Phi_{418}\ \Phi_{190}\ \Phi_{95}\ \Phi_{38}$
58392	1062	2964	$\frac{1}{38}$	$\frac{37}{494}$	$\frac{1}{3}$	$\frac{457}{988}$	$\Phi_{2964}\ \Phi_{228}\ \Phi_{156}\ \Phi_{114}\ \Phi_{57}\ \Phi_{12}\ \Phi_{6}$
58393	1062	1368	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
58394	1062	2052	$\frac{1}{19}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{2052}\ \Phi_{684}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
58395	1062	240	$\frac{1}{60}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{240}^8\ \Phi_{80}^8\ \Phi_{60}^2\ \Phi_{48}^7\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{16}^8\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
58396	1062	624	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{19}{78}$	$\frac{7}{16}$	$\Phi_{624}^3\ \Phi_{208}^3\ \Phi_{78}^2\ \Phi_{48}^3\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{16}^4\ \Phi_{13}\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
58397	1062	1008	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{144}\ \Phi_{112}^2\ \Phi_{63}^2\ \Phi_{48}\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{9}\ \Phi_{7}^2\ \Phi_{3}\ \Phi_{1}^2$
58398	1062	1040	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1040}^2\ \Phi_{208}\ \Phi_{80}^2\ \Phi_{65}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{5}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
58399	1062	630	$\frac{4}{63}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}\ \Phi_6^2$
58400	1062	510	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{8}{51}$	$\frac{43}{102}$	$\Phi_{510}^2\ \Phi_{255}^2\ \Phi_{170}^3\ \Phi_{85}^3\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{30}^2\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
58401	1062	912	$\frac{1}{76}$	$\frac{25}{152}$	$\frac{1}{3}$	$\frac{127}{304}$	$\Phi_{912}^3\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}^3\ \Phi_{12}\ \Phi_6$
58402	1062	1900	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{1900}\ \Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}$
58403	1062	440	$\frac{1}{88}$	$\frac{1}{5}$	$\frac{29}{88}$	$\frac{2}{5}$	$\Phi_{440}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{88}^4\ \Phi_{55}^2\ \Phi_{44}^4\ \Phi_{40}^2\ \Phi_{22}^4\ \Phi_{20}^2\ \Phi_{11}^4\ \Phi_{10}^2\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
58404	1062	60	$\frac{1}{60}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{60}^{18}\ \Phi_{30}^{18}\ \Phi_{20}^{17}\ \Phi_{15}^{18}\ \Phi_{12}^{18}\ \Phi_{10}^{17}\ \Phi_6^{18}\ \Phi_5^{18}\ \Phi_4^{16}\ \Phi_3^{18}\ \Phi_2^{16}\ \Phi_1^{18}$
58405	1062	220	$\frac{1}{44}$	$\frac{43}{220}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{220}^5\ \Phi_{110}^5\ \Phi_{55}^5\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{20}^5\ \Phi_{11}^4\ \Phi_{10}^5\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
58406	1062	920	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{184}^2\ \Phi_{115}\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_5\ \Phi_1^2$
58407	1062	330	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{330}^3\ \Phi_{165}^3\ \Phi_{110}^2\ \Phi_{66}^6\ \Phi_{55}^2\ \Phi_{33}^6\ \Phi_{30}^3\ \Phi_{22}^4\ \Phi_{15}^3\ \Phi_{11}^4\ \Phi_{10}^2\ \Phi_6^6\ \Phi_5^3\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
58408	1062	935	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{935}\ \Phi_{187}^2\ \Phi_{85}\ \Phi_{17}^2\ \Phi_5\ \Phi_1^2$
58409	1062	320	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^2\ \Phi_{64}^6\ \Phi_{40}^2\ \Phi_{32}^6\ \Phi_{20}^2\ \Phi_{16}^4\ \Phi_{10}^2\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
58410	1062	1061	$\frac{11}{1061}$	$\frac{237}{1061}$	$\frac{350}{1061}$	$\frac{412}{1061}$	$\Phi_{1061}\ \Phi_1^2$
58411	1062	1824	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
58412	1062	284	$\frac{1}{71}$	$\frac{35}{142}$	$\frac{1}{4}$	$\frac{107}{284}$	$\Phi_{284}^3\ \Phi_{142}^5\ \Phi_{71}^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
58413	1062	1608	$\frac{5}{536}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1608}\ \Phi_{804}\ \Phi_{402}\ \Phi_{201}\ \Phi_{12}\ \Phi_6$
58414	1062	1216	$\frac{1}{19}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{304}\ \Phi_{76}\ \Phi_{38}$
58415	1062	1140	$\frac{1}{60}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
58416	1062	1710	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{1710}\ \Phi_{570}\ \Phi_{342}\ \Phi_{285}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{57}\ \Phi_{38}$
58417	1062	1061	$\frac{14}{1061}$	$\frac{235}{1061}$	$\frac{349}{1061}$	$\frac{356}{1061}$	$\Phi_{1061}\ \Phi_1^2$
58418	1062	1420	$\frac{4}{355}$	$\frac{1}{4}$	$\frac{117}{355}$	$\frac{119}{355}$	$\Phi_{1420}\ \Phi_{710}\ \Phi_{284}\ \Phi_{142}\ \Phi_{20}\ \Phi_{10}$
58419	1062	798	$\frac{1}{133}$	$\frac{44}{133}$	$\frac{1}{3}$	$\frac{89}{266}$	$\Phi_{798}^3\ \Phi_{399}\ \Phi_{114}^3\ \Phi_{57}\ \Phi_{42}^3\ \Phi_{21}\ \Phi_6^3$
58420	1062	264	$\frac{1}{88}$	$\frac{1}{4}$	$\frac{29}{88}$	$\frac{1}{3}$	$\Phi_{264}^6\ \Phi_{132}^6\ \Phi_{66}^6\ \Phi_{33}^6\ \Phi_{24}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
58421	1062	228	$\frac{1}{76}$	$\frac{17}{76}$	$\frac{25}{76}$	$\frac{1}{3}$	$\Phi_{228}^7\ \Phi_{114}^7\ \Phi_{57}^7\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
58422	1062	870	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{28}{87}$	$\frac{1}{3}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}^2\ \Phi_{174}\ \Phi_{145}^2\ \Phi_{58}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_2^2$
58423	1062	588	$\frac{1}{28}$	$\frac{19}{196}$	$\frac{9}{28}$	$\frac{1}{3}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{147}^3\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
58424	1062	570	$\frac{1}{19}$	$\frac{13}{190}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{570}^3\ \Phi_{285}^3\ \Phi_{114}^3\ \Phi_{57}\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_6^3$
58425	1062	84	$\frac{1}{28}$	$\frac{3}{28}$	$\frac{25}{84}$	$\frac{1}{3}$	$\Phi_{84}^{10}\ \Phi_{42}^{10}\ \Phi_{28}^{18}\ \Phi_{21}^{10}\ \Phi_{14}^{18}\ \Phi_{12}^{10}\ \Phi_7^{18}\ \Phi_6^{10}\ \Phi_4^{18}\ \Phi_3^9\ \Phi_2^{18}\ \Phi_1^{18}$
58426	1062	546	$\frac{5}{182}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{546}^3\ \Phi_{273}^3\ \Phi_{78}^3\ \Phi_{42}^3\ \Phi_{39}^3\ \Phi_{21}\ \Phi_6^3$
58427	1062	60	$\frac{1}{60}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^{18}\ \Phi_{30}^{18}\ \Phi_{20}^{18}\ \Phi_{15}^{18}\ \Phi_{12}^{16}\ \Phi_{10}^{18}\ \Phi_6^{16}\ \Phi_5^{18}\ \Phi_4^{18}\ \Phi_3^{15}\ \Phi_2^{18}\ \Phi_1^{18}$
58428	1062	2112	$\frac{3}{176}$	$\frac{173}{704}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{192}\ \Phi_{96}\ \Phi_{12}\ \Phi_6$
58429	1062	660	$\frac{1}{44}$	$\frac{43}{220}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{165}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
58430	1062	1632	$\frac{13}{544}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{96}\ \Phi_{51}\ \Phi_{12}\ \Phi_6$
58431	1062	1848	$\frac{3}{88}$	$\frac{85}{616}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{231}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
58432	1062	552	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{552}^3\ \Phi_{276}^3\ \Phi_{138}^3\ \Phi_{69}^3\ \Phi_{12}\ \Phi_6$
58433	1062	132	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^{10}\ \Phi_{66}^5\ \Phi_{44}^{12}\ \Phi_{33}^5\ \Phi_{22}^6\ \Phi_{12}^{11}\ \Phi_{11}^6\ \Phi_6^6\ \Phi_4^{12}\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
58434	1062	2244	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{204}\ \Phi_{102}\ \Phi_{12}\ \Phi_6$
58435	1062	192	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{192}^9\ \Phi_{96}^9\ \Phi_{48}^6\ \Phi_{24}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
58436	1062	1716	$\frac{3}{44}$	$\frac{41}{572}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{429}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_{6}$
58437	1062	2100	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{169}{700}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
58438	1062	228	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{17}{76}$	$\frac{1}{3}$	$\Phi_{228}^{9}\ \Phi_{114}^{9}\ \Phi_{57}\ \Phi_{12}^{9}\ \Phi_{6}^{9}$
58439	1062	672	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{47}{224}$	$\frac{1}{3}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{96}^{3}\ \Phi_{84}\ \Phi_{48}^{3}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
58440	1062	1680	$\frac{29}{560}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
58441	1062	210	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{1}{3}$	$\Phi_{210}^{9}\ \Phi_{105}^{6}\ \Phi_{42}^{9}\ \Phi_{30}^{9}\ \Phi_{21}^{7}\ \Phi_{15}^{6}\ \Phi_{6}^{9}\ \Phi_{3}^{6}$
58442	1062	700	$\frac{4}{175}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{57}{175}$	$\Phi_{700}^{2}\ \Phi_{350}^{2}\ \Phi_{140}^{2}\ \Phi_{100}^{2}\ \Phi_{70}^{2}\ \Phi_{50}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{3}\ \Phi_{14}^{2}\ \Phi_{10}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
58443	1062	1479	$\frac{1}{29}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{28}{87}$	$\Phi_{1479}\ \Phi_{87}^{2}\ \Phi_{51}\ \Phi_{17}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
58444	1062	2436	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{28}{87}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}$
58445	1062	205	$\frac{2}{41}$	$\frac{28}{205}$	$\frac{1}{5}$	$\frac{13}{41}$	$\Phi_{205}^{5}\ \Phi_{41}^{6}\ \Phi_{5}^{4}\ \Phi_{1}^{6}$
58446	1062	1530	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{35}{153}$	$\frac{16}{51}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{306}\ \Phi_{170}\ \Phi_{90}\ \Phi_{85}\ \Phi_{45}\ \Phi_{34}\ \Phi_{18}$
58447	1062	65	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{65}^{16}\ \Phi_{13}^{18}\ \Phi_{5}^{15}\ \Phi_{1}^{18}$
58448	1062	1596	$\frac{1}{19}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{399}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
58449	1062	420	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{84}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{2}\ \Phi_{70}\ \Phi_{60}^{4}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{30}^{4}\ \Phi_{21}^{2}\ \Phi_{15}^{4}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
58450	1062	1368	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
58451	1062	156	$\frac{1}{39}$	$\frac{19}{78}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{156}^{6}\ \Phi_{78}^{8}\ \Phi_{52}^{6}\ \Phi_{39}^{7}\ \Phi_{26}^{8}\ \Phi_{13}^{7}\ \Phi_{12}^{6}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
58452	1062	252	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{252}^{4}\ \Phi_{126}^{4}\ \Phi_{84}^{4}\ \Phi_{63}^{6}\ \Phi_{42}^{4}\ \Phi_{36}^{2}\ \Phi_{28}^{4}\ \Phi_{21}^{6}\ \Phi_{18}^{2}\ \Phi_{14}^{4}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{7}^{6}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
58453	1062	260	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{260}^{4}\ \Phi_{130}^{4}\ \Phi_{65}^{6}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{20}^{4}\ \Phi_{13}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
58454	1062	500	$\frac{7}{125}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{500}^{3}\ \Phi_{250}^{3}\ \Phi_{100}^{2}\ \Phi_{50}^{2}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
58455	1062	140	$\frac{2}{35}$	$\frac{11}{70}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^{10}\ \Phi_{70}^{4}\ \Phi_{35}^{6}\ \Phi_{28}^{10}\ \Phi_{20}^{11}\ \Phi_{14}^{4}\ \Phi_{10}^{5}\ \Phi_{7}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{10}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
58456	1062	200	$\frac{2}{25}$	$\frac{23}{200}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{200}^{6}\ \Phi_{100}^{4}\ \Phi_{50}^{4}\ \Phi_{40}^{6}\ \Phi_{25}^{6}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{8}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
58457	1062	1540	$\frac{31}{385}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{110}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
58458	1062	284	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{12}{71}$	$\frac{1}{4}$	$\Phi_{284}^{5}\ \Phi_{142}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
58459	1062	70	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{3}{14}$	$\Phi_{70}^{15}\ \Phi_{35}^{15}\ \Phi_{14}^{17}\ \Phi_{10}^{14}\ \Phi_{7}^{16}\ \Phi_{5}^{14}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
58460	1063	2112	$\frac{7}{1056}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1049}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{64}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
58461	1063	1888	$\frac{1}{118}$	$\frac{119}{944}$	$\frac{825}{1888}$	$\frac{117}{236}$	$\Phi_{1888}\ \Phi_{236}\ \Phi_{32}\ \Phi_{4}\ \Phi_{1}$
58462	1063	1416	$\frac{1}{118}$	$\frac{353}{1416}$	$\frac{119}{472}$	$\frac{117}{236}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{354}\ \Phi_{236}\ \Phi_{177}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
58463	1063	1278	$\frac{2}{213}$	$\frac{215}{1278}$	$\frac{1}{3}$	$\frac{211}{426}$	$\Phi_{1278}\ \Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
58464	1063	2100	$\frac{13}{1050}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1037}{2100}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{60}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
58465	1063	2088	$\frac{19}{1044}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{1025}{2088}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{232}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
58466	1063	2052	$\frac{37}{1026}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{989}{2052}$	$\Phi_{2052}\ \Phi_{684}\ \Phi_{228}\ \Phi_{108}\ \Phi_{76}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
58467	1063	1440	$\frac{17}{360}$	$\frac{1}{18}$	$\frac{377}{1440}$	$\frac{343}{720}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
58468	1063	1224	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{161}{1224}$	$\frac{145}{306}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{204}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
58469	1063	2016	$\frac{55}{1008}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{953}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
58470	1063	2016	$\frac{55}{1008}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{953}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{63}\ \Phi_{32}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
58471	1063	1980	$\frac{1}{18}$	$\frac{73}{990}$	$\frac{17}{90}$	$\frac{917}{1980}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{132}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
58472	1063	1296	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{233}{1296}$	$\frac{199}{432}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
58473	1063	1944	$\frac{1}{18}$	$\frac{91}{972}$	$\frac{17}{108}$	$\frac{881}{1944}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
58474	1063	1134	$\frac{71}{1134}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{162}\ \Phi_{81}\ \Phi_{63}\ \Phi_{54}\ \Phi_{27}\ \Phi_{21}\ \Phi_7\ \Phi_1$
58475	1063	1080	$\frac{17}{1080}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
58476	1063	1836	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{145}{918}$	$\frac{773}{1836}$	$\Phi_{1836}\ \Phi_{612}\ \Phi_{204}\ \Phi_{153}\ \Phi_{108}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
58477	1063	1584	$\frac{7}{528}$	$\frac{1}{6}$	$\frac{521}{1584}$	$\frac{5}{12}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{144}\ \Phi_{99}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
58478	1063	1080	$\frac{17}{1080}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
58479	1063	1320	$\frac{7}{264}$	$\frac{1}{6}$	$\frac{257}{1320}$	$\frac{5}{12}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
58480	1063	1104	$\frac{41}{1104}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_{12}\ \Phi_4\ \Phi_1$
58481	1063	1188	$\frac{7}{132}$	$\frac{125}{1188}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{108}\ \Phi_{99}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
58482	1063	1152	$\frac{7}{96}$	$\frac{89}{1152}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
58483	1063	1800	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{163}{900}$	$\frac{737}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
58484	1063	1728	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{199}{864}$	$\frac{665}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
58485	1063	1152	$\frac{1}{18}$	$\frac{89}{1152}$	$\frac{17}{72}$	$\frac{55}{144}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
58486	1063	1704	$\frac{2}{213}$	$\frac{211}{852}$	$\frac{1}{3}$	$\frac{641}{1704}$	$\Phi_{1704}\ \Phi_{568}\ \Phi_{213}\ \Phi_{71}\ \Phi_{24}\ \Phi_8\ \Phi_1$
58487	1063	1620	$\frac{1}{18}$	$\frac{17}{270}$	$\frac{253}{810}$	$\frac{557}{1620}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
58488	1063	1575	$\frac{13}{525}$	$\frac{2}{15}$	$\frac{512}{1575}$	$\frac{1}{3}$	$\Phi_{1575}\ \Phi_{315}\ \Phi_{225}\ \Phi_{63}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
58489	1063	1125	$\frac{62}{1125}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{225}\ \Phi_{125}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
58490	1063	1260	$\frac{13}{210}$	$\frac{2}{15}$	$\frac{197}{1260}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
58491	1063	1155	$\frac{92}{1155}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{77}\ \Phi_{55}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_5\ \Phi_1$
58492	1063	1200	$\frac{13}{150}$	$\frac{137}{1200}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
58493	1063	1377	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{314}{1377}$	$\frac{145}{459}$	$\Phi_{1377}\ \Phi_{153}\ \Phi_{81}\ \Phi_{51}\ \Phi_{17}\ \Phi_1$
58494	1063	1512	$\frac{1}{18}$	$\frac{55}{504}$	$\frac{17}{72}$	$\frac{449}{1512}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
58495	1063	1512	$\frac{55}{504}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{449}{1512}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{108}\ \Phi_{63}\ \Phi_{54}\ \Phi_{27}\ \Phi_{21}\ \Phi_7\ \Phi_1$
58496	1063	1296	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{233}{1296}$	$\frac{91}{324}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
58497	1063	1260	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{197}{1260}$	$\frac{55}{252}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
58498	1064	795	$\frac{1}{265}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{132}{265}$	$\Phi_{795}\ \Phi_{265}^2\ \Phi_{159}\ \Phi_{53}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
58499	1064	1063	$\frac{5}{1063}$	$\frac{267}{1063}$	$\frac{398}{1063}$	$\frac{529}{1063}$	$\Phi_{1063}\ \Phi_1^2$
58500	1064	1599	$\frac{3}{533}$	$\frac{134}{533}$	$\frac{1}{3}$	$\frac{265}{533}$	$\Phi_{1599}\ \Phi_{123}\ \Phi_{39}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
58501	1064	1812	$\frac{1}{151}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{75}{151}$	$\Phi_{1812}\ \Phi_{604}\ \Phi_{151}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
58502	1064	1359	$\frac{1}{151}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{75}{151}$	$\Phi_{1359}\ \Phi_{151}\ \Phi_9^2\ \Phi_1^2$
58503	1064	1848	$\frac{1}{132}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{131}{264}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}^2\ \Phi_{168}\ \Phi_{88}^2\ \Phi_{56}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
58504	1064	1320	$\frac{1}{132}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{131}{264}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{120}^2\ \Phi_{40}^2\ \Phi_{15}$
58505	1064	890	$\frac{1}{89}$	$\frac{1}{5}$	$\frac{45}{178}$	$\frac{44}{89}$	$\Phi_{890}^2\ \Phi_{445}\ \Phi_{10}^2$
58506	1064	975	$\frac{1}{75}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{37}{75}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{195}\ \Phi_{75}^2\ \Phi_{65}\ \Phi_{39}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
58507	1064	600	$\frac{1}{75}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{37}{75}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
58508	1064	1063	$\frac{15}{1063}$	$\frac{77}{1063}$	$\frac{493}{1063}$	$\frac{524}{1063}$	$\Phi_{1063}\ \Phi_1^2$
58509	1064	1980	$\frac{1}{55}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{27}{55}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{132}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
58510	1064	1155	$\frac{1}{55}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{27}{55}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{105}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
58511	1064	1485	$\frac{1}{55}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{27}{55}$	$\Phi_{1485}\ \Phi_{297}\ \Phi_{135}\ \Phi_{55}\ \Phi_{27}^2\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
58512	1064	1320	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{27}{55}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{264}\ \Phi_{220}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
58513	1064	408	$\frac{1}{51}$	$\frac{1}{8}$	$\frac{13}{51}$	$\frac{25}{51}$	$\Phi_{408}^3\ \Phi_{204}^3\ \Phi_{136}^3\ \Phi_{102}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
58514	1064	780	$\frac{3}{130}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{127}{260}$	$\Phi_{780}^4\ \Phi_{156}^4\ \Phi_{60}^4\ \Phi_{39}\ \Phi_{12}^4$
58515	1064	1063	$\frac{25}{1063}$	$\frac{113}{1063}$	$\frac{272}{1063}$	$\frac{519}{1063}$	$\Phi_{1063}\ \Phi_1^2$
58516	1064	123	$\frac{1}{41}$	$\frac{3}{41}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{123}^{13}\ \Phi_3^{12}$
58517	1064	999	$\frac{1}{37}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{18}{37}$	$\Phi_{999}\ \Phi_{333}\ \Phi_{111}\ \Phi_{37}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
58518	1064	555	$\frac{1}{37}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{555}^2\ \Phi_{185}^2\ \Phi_{111}\ \Phi_{37}^2\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
58519	1064	333	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{18}{37}$	$\Phi_{333}^3\ \Phi_{111}^3\ \Phi_{37}^4\ \Phi_9^6\ \Phi_3^6\ \Phi_1^8$
58520	1064	1480	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{18}{37}$	$\Phi_{1480}\ \Phi_{740}\ \Phi_{370}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
58521	1064	1063	$\frac{29}{1063}$	$\frac{39}{1063}$	$\frac{512}{1063}$	$\frac{517}{1063}$	$\Phi_{1063}\ \Phi_1^2$
58522	1064	540	$\frac{1}{27}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^3\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
58523	1064	1155	$\frac{3}{77}$	$\frac{1}{15}$	$\frac{20}{77}$	$\frac{37}{77}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{55}\ \Phi_{35}\ \Phi_{33}\ \Phi_{21}$
58524	1064	1063	$\frac{43}{1063}$	$\frac{79}{1063}$	$\frac{246}{1063}$	$\frac{510}{1063}$	$\Phi_{1063}\ \Phi_1^2$
58525	1064	1224	$\frac{7}{153}$	$\frac{1}{8}$	$\frac{20}{153}$	$\frac{73}{153}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{72}\ \Phi_{68}\ \Phi_{36}\ \Phi_{34}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
58526	1064	1063	$\frac{49}{1063}$	$\frac{132}{1063}$	$\frac{139}{1063}$	$\frac{507}{1063}$	$\Phi_{1063}\ \Phi_1^2$
58527	1064	1335	$\frac{13}{267}$	$\frac{20}{267}$	$\frac{1}{5}$	$\frac{127}{267}$	$\Phi_{1335}\ \Phi_{445}\ \Phi_{15}$
58528	1064	1063	$\frac{53}{1063}$	$\frac{56}{1063}$	$\frac{279}{1063}$	$\frac{505}{1063}$	$\Phi_{1063}\ \Phi_1^2$
58529	1064	1599	$\frac{20}{533}$	$\frac{27}{533}$	$\frac{1}{3}$	$\frac{253}{533}$	$\Phi_{1599}\ \Phi_{123}\ \Phi_{39}$
58530	1064	380	$\frac{1}{20}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{380}^3\ \Phi_{190}^3\ \Phi_{95}^3\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
58531	1064	1044	$\frac{1}{29}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{1044}^2\ \Phi_{348}^2\ \Phi_{116}^2\ \Phi_{87}$
58532	1064	1980	$\frac{3}{55}$	$\frac{1}{18}$	$\frac{13}{55}$	$\frac{17}{36}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{132}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
58533	1064	180	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{180}^{11}\ \Phi_{60}^{11}\ \Phi_{36}^{12}\ \Phi_{20}^{11}\ \Phi_{15}^4\ \Phi_{12}^{12}\ \Phi_5^3\ \Phi_4^{12}\ \Phi_3^4\ \Phi_1^4$
58534	1064	396	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{17}{36}$	$\Phi_{396}^5\ \Phi_{132}^5\ \Phi_{44}^5\ \Phi_{36}^6\ \Phi_{33}^2\ \Phi_{12}^6\ \Phi_{11}\ \Phi_4^6\ \Phi_3^2\ \Phi_1^2$
58535	1064	1980	$\frac{1}{18}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{17}{36}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{132}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
58536	1064	72	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{17}{36}$	$\Phi_{72}^{17}\ \Phi_{36}^9\ \Phi_{24}^{17}\ \Phi_{18}^{17}\ \Phi_{12}^9\ \Phi_9^{16}\ \Phi_8^{16}\ \Phi_6^{17}\ \Phi_4^8\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{16}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
58537	1064	680	$\frac{1}{17}$	$\frac{9}{85}$	$\frac{1}{8}$	$\frac{8}{17}$	$\Phi_{680}^2\ \Phi_{340}^2\ \Phi_{170}^2\ \Phi_{136}\ \Phi_{68}\ \Phi_{40}^2\ \Phi_{34}\ \Phi_{20}^2\ \Phi_{10}^2$
58538	1064	1063	$\frac{41}{1063}$	$\frac{73}{1063}$	$\frac{284}{1063}$	$\frac{495}{1063}$	$\Phi_{1063}\ \Phi_1^2$
58539	1064	1599	$\frac{15}{533}$	$\frac{37}{533}$	$\frac{1}{3}$	$\frac{248}{533}$	$\Phi_{1599}\ \Phi_{123}\ \Phi_{39}$
58540	1064	39	$\frac{1}{39}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{39}^{27}\ \Phi_{13}^{28}\ \Phi_3^{26}\ \Phi_1^{28}$
58541	1064	754	$\frac{1}{29}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{754}^2\ \Phi_{377}\ \Phi_{58}^2$
58542	1064	325	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{6}{25}$	$\frac{6}{13}$	$\Phi_{325}^3\ \Phi_{65}^3\ \Phi_{25}^6\ \Phi_{13}^4\ \Phi_5^6\ \Phi_1^8$
58543	1064	260	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{260}^4\ \Phi_{130}^4\ \Phi_{65}^3\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{20}^8\ \Phi_{13}^4\ \Phi_{10}^8\ \Phi_5^6\ \Phi_4^8\ \Phi_2^8\ \Phi_1^8$
58544	1064	585	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{7}{45}$	$\frac{6}{13}$	$\Phi_{585}^2\ \Phi_{195}\ \Phi_{117}^2\ \Phi_{65}\ \Phi_{45}^4\ \Phi_{39}\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
58545	1064	246	$\frac{1}{41}$	$\frac{10}{123}$	$\frac{1}{3}$	$\frac{113}{246}$	$\Phi_{246}^8\ \Phi_{123}\ \Phi_{82}^8\ \Phi_6^8\ \Phi_2^8$
58546	1064	105	$\frac{1}{15}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{105}^{11}\ \Phi_{35}^9\ \Phi_{21}^{11}\ \Phi_{15}^{10}\ \Phi_7^8\ \Phi_5^8\ \Phi_3^{10}\ \Phi_1^8$
58547	1064	330	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{330}^4\ \Phi_{165}^3\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{55}^3\ \Phi_{33}^3\ \Phi_{30}^4\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2$
58548	1064	1131	$\frac{1}{39}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{1131}\ \Phi_{377}\ \Phi_{87}$
58549	1064	1063	$\frac{31}{1063}$	$\frac{115}{1063}$	$\frac{258}{1063}$	$\frac{474}{1063}$	$\Phi_{1063}\ \Phi_1^2$
58550	1064	648	$\frac{5}{81}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{72}\ \Phi_{54}^2\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
58551	1064	136	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{15}{34}$	$\Phi_{136}^9\ \Phi_{68}^9\ \Phi_{34}\ \Phi_{17}^8\ \Phi_8^8\ \Phi_4^8\ \Phi_1^8$
58552	1064	1140	$\frac{1}{20}$	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{25}{57}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{38}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
58553	1064	1063	$\frac{48}{1063}$	$\frac{145}{1063}$	$\frac{151}{1063}$	$\frac{459}{1063}$	$\Phi_{1063}\ \Phi_1^2$
58554	1064	1335	$\frac{8}{267}$	$\frac{37}{267}$	$\frac{1}{5}$	$\frac{115}{267}$	$\Phi_{1335}\ \Phi_{445}\ \Phi_{15}$
58555	1064	1063	$\frac{20}{1063}$	$\frac{149}{1063}$	$\frac{303}{1063}$	$\frac{457}{1063}$	$\Phi_{1063}\ \Phi_1^2$
58556	1064	1599	$\frac{8}{533}$	$\frac{75}{533}$	$\frac{1}{3}$	$\frac{229}{533}$	$\Phi_{1599}\ \Phi_{123}\ \Phi_{39}$
58557	1064	945	$\frac{2}{135}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
58558	1064	1386	$\frac{1}{66}$	$\frac{1}{7}$	$\frac{65}{198}$	$\frac{3}{7}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{198}^2\ \Phi_{126}\ \Phi_{99}^2\ \Phi_{63}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
58559	1064	952	$\frac{3}{136}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{136}^2\ \Phi_{119}\ \Phi_{68}^2\ \Phi_{56}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
58560	1064	1232	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{43}{176}$	$\frac{3}{7}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{176}^2\ \Phi_{112}\ \Phi_{88}^2\ \Phi_{56}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
58561	1064	1155	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{32}{165}$	$\frac{3}{7}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{165}^2\ \Phi_{105}\ \Phi_{55}^2\ \Phi_{35}\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
58562	1064	966	$\frac{5}{138}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{322}\ \Phi_{161}\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_7\ \Phi_1^2$
58563	1064	154	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{154}^6\ \Phi_{77}^6\ \Phi_{22}^{12}\ \Phi_{14}^6\ \Phi_{11}^{12}\ \Phi_7^7\ \Phi_2^{12}\ \Phi_1^{14}$
58564	1064	280	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{280}^4\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}^8\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^6\ \Phi_{14}^2\ \Phi_{10}^6\ \Phi_8^6\ \Phi_7^3\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
58565	1064	105	$\frac{1}{15}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{105}^{11}\ \Phi_{35}^{11}\ \Phi_{21}^7\ \Phi_{15}^{10}\ \Phi_7^8\ \Phi_5^{10}\ \Phi_3^6\ \Phi_1^8$
58566	1064	1001	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1001}\ \Phi_{143}^2\ \Phi_{91}\ \Phi_{13}^2\ \Phi_7\ \Phi_1^2$
58567	1064	1008	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}^2\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
58568	1064	165	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{165}^7\ \Phi_{55}^7\ \Phi_{33}^5\ \Phi_{15}^6\ \Phi_{11}^4\ \Phi_5^6\ \Phi_3^4\ \Phi_1^4$
58569	1064	924	$\frac{1}{77}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{924}^2\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{21}$
58570	1064	1812	$\frac{3}{151}$	$\frac{1}{6}$	$\frac{37}{151}$	$\frac{5}{12}$	$\Phi_{1812}\ \Phi_{604}\ \Phi_{151}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
58571	1064	780	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{780}^3\ \Phi_{260}^3\ \Phi_{195}\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}$
58572	1064	1812	$\frac{7}{151}$	$\frac{18}{151}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1812}\ \Phi_{604}\ \Phi_{151}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
58573	1064	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{180}^7\ \Phi_{90}^7\ \Phi_{60}^5\ \Phi_{45}^7\ \Phi_{36}^4\ \Phi_{30}^5\ \Phi_{20}^4\ \Phi_{18}^7\ \Phi_{15}^5\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_9^6\ \Phi_6^5\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
58574	1064	1824	$\frac{1}{57}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{38}\ \Phi_{12}\ \Phi_{6}$
58575	1064	770	$\frac{1}{77}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{770}^{2}\ \Phi_{385}\ \Phi_{154}^{2}\ \Phi_{110}^{2}\ \Phi_{70}^{2}\ \Phi_{55}\ \Phi_{35}\ \Phi_{22}^{2}\ \Phi_{14}^{2}$
58576	1064	1063	$\frac{34}{1063}$	$\frac{147}{1063}$	$\frac{229}{1063}$	$\frac{417}{1063}$	$\Phi_{1063}\ \Phi_{1}^{2}$
58577	1064	1140	$\frac{1}{20}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{38}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
58578	1064	1063	$\frac{51}{1063}$	$\frac{94}{1063}$	$\frac{253}{1063}$	$\frac{405}{1063}$	$\Phi_{1063}\ \Phi_{1}^{2}$
58579	1064	1224	$\frac{5}{153}$	$\frac{1}{8}$	$\frac{37}{153}$	$\frac{58}{153}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{72}\ \Phi_{68}\ \Phi_{36}\ \Phi_{34}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
58580	1064	456	$\frac{1}{57}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{456}^{2}\ \Phi_{228}^{3}\ \Phi_{152}^{2}\ \Phi_{114}^{3}\ \Phi_{76}^{3}\ \Phi_{57}^{2}\ \Phi_{38}^{3}\ \Phi_{24}\ \Phi_{19}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
58581	1064	570	$\frac{1}{57}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{570}^{3}\ \Phi_{285}\ \Phi_{190}^{3}\ \Phi_{114}^{3}\ \Phi_{95}\ \Phi_{38}^{3}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
58582	1064	402	$\frac{1}{134}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{402}^{3}\ \Phi_{201}^{3}\ \Phi_{134}^{2}\ \Phi_{67}^{2}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
58583	1064	693	$\frac{1}{77}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{693}^{2}\ \Phi_{231}\ \Phi_{99}^{2}\ \Phi_{63}^{2}\ \Phi_{33}\ \Phi_{21}$
58584	1064	135	$\frac{2}{135}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{135}^{8}\ \Phi_{45}^{8}\ \Phi_{27}^{8}\ \Phi_{15}^{7}\ \Phi_{9}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
58585	1064	159	$\frac{1}{53}$	$\frac{26}{159}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{159}^{7}\ \Phi_{53}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
58586	1064	795	$\frac{6}{265}$	$\frac{37}{265}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{795}\ \Phi_{265}^{2}\ \Phi_{159}\ \Phi_{53}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
58587	1064	312	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{312}^{4}\ \Phi_{156}^{4}\ \Phi_{104}^{4}\ \Phi_{78}^{4}\ \Phi_{52}^{4}\ \Phi_{26}^{4}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
58588	1064	609	$\frac{1}{29}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{609}^{2}\ \Phi_{203}^{2}\ \Phi_{87}$
58589	1064	795	$\frac{13}{265}$	$\frac{18}{265}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{795}\ \Phi_{265}^{2}\ \Phi_{159}\ \Phi_{53}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
58590	1064	60	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{60}^{19}\ \Phi_{30}^{19}\ \Phi_{20}^{18}\ \Phi_{15}^{15}\ \Phi_{12}^{19}\ \Phi_{10}^{18}\ \Phi_{6}^{19}\ \Phi_{5}^{14}\ \Phi_{4}^{18}\ \Phi_{3}^{16}\ \Phi_{2}^{18}\ \Phi_{1}^{16}$
58591	1064	990	$\frac{1}{66}$	$\frac{1}{5}$	$\frac{65}{198}$	$\frac{1}{3}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{15}$
58592	1064	615	$\frac{1}{41}$	$\frac{83}{615}$	$\frac{40}{123}$	$\frac{1}{3}$	$\Phi_{615}^{2}\ \Phi_{205}^{2}\ \Phi_{123}\ \Phi_{15}^{2}\ \Phi_{5}^{2}$
58593	1064	1800	$\frac{2}{75}$	$\frac{1}{8}$	$\frac{73}{225}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
58594	1064	195	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{62}{195}$	$\frac{1}{3}$	$\Phi_{195}^{4}\ \Phi_{65}^{8}\ \Phi_{39}^{5}\ \Phi_{15}^{4}\ \Phi_{13}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
58595	1064	123	$\frac{2}{41}$	$\frac{3}{41}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{123}^{13}\ \Phi_{3}^{12}$
58596	1064	1620	$\frac{1}{20}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{162}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
58597	1064	783	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{783}^{2}\ \Phi_{87}$
58598	1064	369	$\frac{1}{41}$	$\frac{20}{123}$	$\frac{103}{369}$	$\frac{1}{3}$	$\Phi_{369}^{4}\ \Phi_{123}\ \Phi_{9}^{4}$
58599	1064	2040	$\frac{3}{136}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{120}\ \Phi_{15}$
58600	1064	1359	$\frac{3}{151}$	$\frac{2}{9}$	$\frac{37}{151}$	$\frac{1}{3}$	$\Phi_{1359}\ \Phi_{151}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
58601	1064	2640	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{43}{176}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{240}\ \Phi_{120}\ \Phi_{15}$
58602	1064	492	$\frac{1}{41}$	$\frac{31}{164}$	$\frac{10}{41}$	$\frac{1}{3}$	$\Phi_{492}^{4}\ \Phi_{246}^{4}\ \Phi_{123}\ \Phi_{12}^{4}\ \Phi_{6}^{4}$
58603	1064	600	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{6}{25}$	$\frac{1}{3}$	$\Phi_{600}^{3}\ \Phi_{300}^{3}\ \Phi_{150}^{3}\ \Phi_{120}^{3}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}$
58604	1064	1599	$\frac{25}{533}$	$\frac{58}{533}$	$\frac{127}{533}$	$\frac{1}{3}$	$\Phi_{1599}\ \Phi_{123}\ \Phi_{39}$
58605	1064	1155	$\frac{3}{55}$	$\frac{2}{21}$	$\frac{13}{55}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{105}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}\ \Phi_{21}^{2}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
58606	1064	429	$\frac{10}{143}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{429}^{4}\ \Phi_{39}\ \Phi_{33}^{4}$
58607	1064	585	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{585}^{3}\ \Phi_{195}\ \Phi_{65}\ \Phi_{45}^{2}\ \Phi_{15}$
58608	1064	1305	$\frac{1}{29}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{145}\ \Phi_{87}$
58609	1064	1359	$\frac{7}{151}$	$\frac{18}{151}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1359}\ \Phi_{151}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
58610	1064	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^{6}\ \Phi_{90}^{6}\ \Phi_{60}^{7}\ \Phi_{45}^{6}\ \Phi_{36}^{6}\ \Phi_{30}^{7}\ \Phi_{20}^{6}\ \Phi_{18}^{6}\ \Phi_{15}^{7}\ \Phi_{12}^{7}\ \Phi_{10}^{6}\ \Phi_{6}^{7}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
58611	1064	1599	$\frac{22}{533}$	$\frac{73}{533}$	$\frac{115}{533}$	$\frac{1}{3}$	$\Phi_{1599}\ \Phi_{123}\ \Phi_{39}$
58612	1064	696	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{696}^2\ \Phi_{348}^2\ \Phi_{232}^2\ \Phi_{116}^2\ \Phi_{87}$
58613	1064	165	$\frac{1}{33}$	$\frac{32}{165}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{165}^6\ \Phi_{55}^6\ \Phi_{33}^8\ \Phi_{15}^7\ \Phi_{11}^8\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
58614	1064	690	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{15}$
58615	1064	330	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{330}^6\ \Phi_{165}^6\ \Phi_{30}^6\ \Phi_{15}^7$
58616	1064	120	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{120}^{15}\ \Phi_{60}^{11}\ \Phi_{30}^{11}\ \Phi_{24}^{16}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_6^{12}\ \Phi_3^{12}$
58617	1064	1485	$\frac{2}{33}$	$\frac{31}{297}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{135}\ \Phi_{45}\ \Phi_{15}$
58618	1064	105	$\frac{1}{15}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^{11}\ \Phi_{35}^{11}\ \Phi_{21}^{12}\ \Phi_{15}^4\ \Phi_7^{12}\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
58619	1064	2145	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{195}\ \Phi_{15}$
58620	1064	720	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{15}$
58621	1064	585	$\frac{1}{13}$	$\frac{53}{585}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{585}^2\ \Phi_{195}\ \Phi_{117}^2\ \Phi_{65}^2\ \Phi_{45}^2\ \Phi_{39}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
58622	1064	975	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{59}{325}$	$\frac{1}{3}$	$\Phi_{975}^2\ \Phi_{75}^2\ \Phi_{39}$
58623	1064	360	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{45}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^2\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{36}^4\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
58624	1064	231	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{5}{33}$	$\frac{1}{3}$	$\Phi_{231}^5\ \Phi_{77}^5\ \Phi_{33}^2\ \Phi_{21}^6\ \Phi_{11}\ \Phi_7^6\ \Phi_3^2\ \Phi_1^2$
58625	1064	156	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{156}$	$\frac{1}{3}$	$\Phi_{156}^8\ \Phi_{78}^4\ \Phi_{52}^8\ \Phi_{39}^5\ \Phi_{26}^8\ \Phi_{13}^8\ \Phi_{12}^8\ \Phi_6^4\ \Phi_4^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
58626	1064	1320	$\frac{13}{165}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{132}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
58627	1064	1155	$\frac{2}{21}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{105}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
58628	1064	504	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^2\ \Phi_{126}^3\ \Phi_{84}^2\ \Phi_{72}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{18}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_6$
58629	1064	495	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{495}^3\ \Phi_{165}\ \Phi_{99}^2\ \Phi_{55}\ \Phi_{45}^3\ \Phi_{33}\ \Phi_9^2$
58630	1064	1485	$\frac{3}{55}$	$\frac{1}{9}$	$\frac{13}{55}$	$\frac{8}{27}$	$\Phi_{1485}\ \Phi_{297}\ \Phi_{135}\ \Phi_{55}\ \Phi_{27}^2\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
58631	1064	135	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{135}^{11}\ \Phi_{27}^{12}\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
58632	1064	297	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{33}$	$\frac{8}{27}$	$\Phi_{297}^5\ \Phi_{33}^2\ \Phi_{27}^6\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
58633	1064	1485	$\frac{6}{55}$	$\frac{1}{9}$	$\frac{7}{55}$	$\frac{8}{27}$	$\Phi_{1485}\ \Phi_{297}\ \Phi_{135}\ \Phi_{55}\ \Phi_{27}^2\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
58634	1064	216	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{27}$	$\Phi_{216}^8\ \Phi_{108}^8\ \Phi_{72}\ \Phi_{54}^8\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
58635	1064	105	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{105}^{10}\ \Phi_{35}^{11}\ \Phi_{21}^{10}\ \Phi_{15}^9\ \Phi_7^{10}\ \Phi_5^{10}\ \Phi_3^9\ \Phi_1^{10}$
58636	1064	380	$\frac{1}{20}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{380}^3\ \Phi_{190}^3\ \Phi_{95}^3\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
58637	1064	408	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{4}{17}$	$\frac{13}{51}$	$\Phi_{408}^4\ \Phi_{204}^4\ \Phi_{136}\ \Phi_{102}^4\ \Phi_{68}\ \Phi_{34}\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_6^4$
58638	1064	1320	$\frac{3}{55}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{13}{55}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{264}\ \Phi_{220}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
58639	1064	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{45}$	$\frac{2}{9}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{36}\ \Phi_{30}^4\ \Phi_{24}\ \Phi_{20}^4\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}^4\ \Phi_6$
58640	1064	120	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{120}^{11}\ \Phi_{60}^{11}\ \Phi_{40}^{11}\ \Phi_{24}^{12}\ \Phi_{20}^{11}\ \Phi_{15}^4\ \Phi_{12}^{12}\ \Phi_8^{12}\ \Phi_5^3\ \Phi_4^{12}\ \Phi_3^4\ \Phi_1^4$
58641	1064	264	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{264}^5\ \Phi_{132}^5\ \Phi_{88}^5\ \Phi_{44}^5\ \Phi_{33}^2\ \Phi_{24}^6\ \Phi_{12}^6\ \Phi_{11}\ \Phi_8^6\ \Phi_4^6\ \Phi_3^2\ \Phi_1^2$
58642	1064	1320	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{264}\ \Phi_{220}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
58643	1064	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{72}^{16}\ \Phi_{36}^{16}\ \Phi_{24}^{11}\ \Phi_{18}^{19}\ \Phi_{12}^{11}\ \Phi_9^{18}\ \Phi_8^{10}\ \Phi_6^{13}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
58644	1065	424	$\frac{1}{212}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{211}{424}$	$\Phi_{424}\ \Phi_{212}^4\ \Phi_{106}^4\ \Phi_{53}^4\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
58645	1065	608	$\frac{1}{152}$	$\frac{51}{304}$	$\frac{253}{608}$	$\frac{151}{304}$	$\Phi_{608}^3\ \Phi_{304}\ \Phi_{32}^3\ \Phi_{16}\ \Phi_1$
58646	1065	1424	$\frac{3}{356}$	$\frac{1}{4}$	$\frac{359}{1424}$	$\frac{353}{712}$	$\Phi_{1424}\ \Phi_{356}\ \Phi_{178}\ \Phi_{89}\ \Phi_{16}\ \Phi_1$
58647	1065	704	$\frac{3}{352}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{349}{704}$	$\Phi_{704}^3\ \Phi_{64}^3\ \Phi_{16}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
58648	1065	704	$\frac{3}{352}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{349}{704}$	$\Phi_{704}^{3}\ \Phi_{64}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
58649	1065	140	$\frac{1}{70}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{69}{140}$	$\Phi_{140}\ \Phi_{70}^{14}\ \Phi_{35}^{14}\ \Phi_{28}^{2}\ \Phi_{20}\ \Phi_{14}^{14}\ \Phi_{10}^{14}\ \Phi_{7}^{14}\ \Phi_{5}^{14}\ \Phi_{4}^{2}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
58650	1065	140	$\frac{1}{70}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{69}{140}$	$\Phi_{140}^{15}\ \Phi_{28}^{15}\ \Phi_{20}^{15}\ \Phi_{7}^{2}\ \Phi_{4}^{15}\ \Phi_{1}^{3}$
58651	1065	420	$\frac{1}{70}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{69}{140}$	$\Phi_{420}^{2}\ \Phi_{210}^{4}\ \Phi_{140}\ \Phi_{105}^{4}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{42}^{4}\ \Phi_{35}^{2}\ \Phi_{30}^{4}\ \Phi_{28}\ \Phi_{21}^{4}\ \Phi_{20}\ \Phi_{15}^{4}\ \Phi_{14}^{2}\ \Phi_{12}^{4}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{5}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
58652	1065	476	$\frac{2}{119}$	$\frac{1}{7}$	$\frac{121}{476}$	$\frac{117}{238}$	$\Phi_{476}^{3}\ \Phi_{119}^{3}\ \Phi_{68}^{3}\ \Phi_{28}^{3}\ \Phi_{17}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
58653	1065	672	$\frac{1}{56}$	$\frac{19}{336}$	$\frac{317}{672}$	$\frac{55}{112}$	$\Phi_{672}^{3}\ \Phi_{224}^{3}\ \Phi_{112}\ \Phi_{96}^{3}\ \Phi_{32}^{3}\ \Phi_{16}\ \Phi_{1}$
58654	1065	448	$\frac{1}{56}$	$\frac{19}{112}$	$\frac{93}{448}$	$\frac{55}{112}$	$\Phi_{448}^{3}\ \Phi_{224}^{3}\ \Phi_{112}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}\ \Phi_{1}$
58655	1065	1104	$\frac{2}{69}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{276}\ \Phi_{184}\ \Phi_{92}\ \Phi_{69}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{23}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
58656	1065	684	$\frac{13}{342}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{329}{684}$	$\Phi_{684}^{3}\ \Phi_{228}^{3}\ \Phi_{76}^{3}\ \Phi_{36}^{3}\ \Phi_{19}^{2}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
58657	1065	96	$\frac{1}{24}$	$\frac{1}{16}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{96}^{15}\ \Phi_{48}^{8}\ \Phi_{32}^{15}\ \Phi_{24}^{7}\ \Phi_{16}^{7}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
58658	1065	272	$\frac{3}{68}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{272}^{4}\ \Phi_{136}^{3}\ \Phi_{68}^{4}\ \Phi_{34}^{4}\ \Phi_{17}^{4}\ \Phi_{16}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
58659	1065	1444	$\frac{18}{361}$	$\frac{1}{19}$	$\frac{379}{1444}$	$\frac{343}{722}$	$\Phi_{1444}\ \Phi_{361}\ \Phi_{76}\ \Phi_{4}\ \Phi_{1}$
58660	1065	238	$\frac{6}{119}$	$\frac{25}{238}$	$\frac{1}{7}$	$\frac{113}{238}$	$\Phi_{238}^{4}\ \Phi_{119}^{5}\ \Phi_{34}^{4}\ \Phi_{17}^{5}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
58661	1065	672	$\frac{1}{28}$	$\frac{19}{336}$	$\frac{9}{28}$	$\frac{317}{672}$	$\Phi_{672}^{3}\ \Phi_{224}^{3}\ \Phi_{96}^{3}\ \Phi_{32}^{3}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
58662	1065	672	$\frac{19}{336}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{317}{672}$	$\Phi_{672}^{3}\ \Phi_{224}^{3}\ \Phi_{96}^{3}\ \Phi_{32}^{3}\ \Phi_{21}^{3}\ \Phi_{7}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
58663	1065	133	$\frac{4}{133}$	$\frac{9}{133}$	$\frac{43}{133}$	$\frac{62}{133}$	$\Phi_{133}^{8}\ \Phi_{19}^{8}\ \Phi_{7}^{8}\ \Phi_{1}^{9}$
58664	1065	420	$\frac{1}{35}$	$\frac{1}{14}$	$\frac{34}{105}$	$\frac{13}{28}$	$\Phi_{420}^{7}\ \Phi_{105}\ \Phi_{84}^{7}\ \Phi_{60}^{7}\ \Phi_{28}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}^{7}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
58665	1065	2100	$\frac{4}{75}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{28}\ \Phi_{25}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
58666	1065	84	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{13}{28}$	$\Phi_{84}^{15}\ \Phi_{42}^{15}\ \Phi_{28}^{2}\ \Phi_{21}^{15}\ \Phi_{14}^{14}\ \Phi_{12}^{15}\ \Phi_{7}^{14}\ \Phi_{6}^{15}\ \Phi_{4}^{2}\ \Phi_{3}^{15}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
58667	1065	308	$\frac{1}{14}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{308}^{7}\ \Phi_{77}\ \Phi_{44}^{7}\ \Phi_{28}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
58668	1065	560	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{13}{28}$	$\Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{112}^{2}\ \Phi_{80}^{3}\ \Phi_{70}^{2}\ \Phi_{56}^{2}\ \Phi_{40}^{3}\ \Phi_{35}^{2}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}^{3}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
58669	1065	1456	$\frac{1}{28}$	$\frac{27}{364}$	$\frac{391}{1456}$	$\frac{337}{728}$	$\Phi_{1456}\ \Phi_{364}\ \Phi_{208}\ \Phi_{182}\ \Phi_{112}\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
58670	1065	528	$\frac{1}{16}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{528}^{2}\ \Phi_{264}^{2}\ \Phi_{176}^{2}\ \Phi_{132}\ \Phi_{88}^{2}\ \Phi_{66}^{2}\ \Phi_{48}^{4}\ \Phi_{44}\ \Phi_{33}^{2}\ \Phi_{24}^{4}\ \Phi_{22}^{2}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{11}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
58671	1065	1232	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{167}{1232}$	$\frac{141}{308}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{176}\ \Phi_{154}\ \Phi_{112}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
58672	1065	392	$\frac{1}{14}$	$\frac{17}{196}$	$\frac{13}{98}$	$\frac{179}{392}$	$\Phi_{392}^{5}\ \Phi_{98}\ \Phi_{56}^{5}\ \Phi_{49}\ \Phi_{8}^{5}\ \Phi_{1}$
58673	1065	378	$\frac{23}{378}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{378}^{3}\ \Phi_{189}^{3}\ \Phi_{126}^{3}\ \Phi_{63}^{3}\ \Phi_{54}^{3}\ \Phi_{27}^{3}\ \Phi_{21}^{3}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
58674	1065	128	$\frac{1}{16}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{128}^{15}\ \Phi_{16}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
58675	1065	1904	$\frac{6}{119}$	$\frac{113}{952}$	$\frac{1}{7}$	$\frac{839}{1904}$	$\Phi_{1904}\ \Phi_{272}\ \Phi_{119}\ \Phi_{112}\ \Phi_{17}\ \Phi_{16}\ \Phi_{1}$
58676	1065	528	$\frac{3}{176}$	$\frac{1}{8}$	$\frac{173}{528}$	$\frac{7}{16}$	$\Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{132}^{3}\ \Phi_{66}^{3}\ \Phi_{48}^{3}\ \Phi_{33}^{3}\ \Phi_{24}^{3}\ \Phi_{16}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}$
58677	1065	1088	$\frac{23}{1088}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1088}\ \Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{64}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{1}$
58678	1065	1408	$\frac{9}{352}$	$\frac{1}{8}$	$\frac{343}{1408}$	$\frac{7}{16}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_{1}$
58679	1065	368	$\frac{13}{368}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{368}^{3}\ \Phi_{184}^{3}\ \Phi_{92}^{3}\ \Phi_{46}^{3}\ \Phi_{23}^{3}\ \Phi_{16}\ \Phi_{1}$
58680	1065	1232	$\frac{9}{176}$	$\frac{1}{8}$	$\frac{167}{1232}$	$\frac{7}{16}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{112}\ \Phi_{77}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
58681	1065	80	$\frac{1}{16}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{80}^{15}\ \Phi_{40}^{15}\ \Phi_{20}^{15}\ \Phi_{16}^{7}\ \Phi_{10}^{15}\ \Phi_{8}^{6}\ \Phi_{5}^{15}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
58682	1065	384	$\frac{29}{384}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{384}^{3}\ \Phi_{192}^{3}\ \Phi_{128}^{3}\ \Phi_{96}^{3}\ \Phi_{64}^{3}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{16}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
58683	1065	1008	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}^2\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
58684	1065	392	$\frac{1}{14}$	$\frac{37}{392}$	$\frac{13}{98}$	$\frac{85}{196}$	$\Phi_{392}^3\ \Phi_{196}^2\ \Phi_{98}^3\ \Phi_{56}^3\ \Phi_{49}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
58685	1065	217	$\frac{4}{217}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{217}^5\ \Phi_{31}^5\ \Phi_7^2\ \Phi_1^3$
58686	1065	616	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{47}{308}$	$\frac{261}{616}$	$\Phi_{616}^3\ \Phi_{154}\ \Phi_{88}^3\ \Phi_{77}\ \Phi_{56}^3\ \Phi_{22}\ \Phi_{11}\ \Phi_8^3\ \Phi_1$
58687	1065	608	$\frac{1}{76}$	$\frac{51}{304}$	$\frac{25}{76}$	$\frac{253}{608}$	$\Phi_{608}^3\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{32}^3\ \Phi_{19}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
58688	1065	240	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{240}^4\ \Phi_{120}^3\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^8\ \Phi_{40}^3\ \Phi_{30}^4\ \Phi_{24}^7\ \Phi_{20}^4\ \Phi_{16}^7\ \Phi_{15}^4\ \Phi_{12}^7\ \Phi_{10}^4\ \Phi_8^6\ \Phi_6^7\ \Phi_5^4\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
58689	1065	1792	$\frac{1}{56}$	$\frac{169}{896}$	$\frac{55}{224}$	$\frac{727}{1792}$	$\Phi_{1792}\ \Phi_{256}\ \Phi_{224}\ \Phi_{112}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
58690	1065	304	$\frac{1}{76}$	$\frac{15}{76}$	$\frac{91}{304}$	$\frac{61}{152}$	$\Phi_{304}^5\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{16}^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
58691	1065	448	$\frac{1}{56}$	$\frac{93}{448}$	$\frac{55}{224}$	$\frac{169}{448}$	$\Phi_{448}^2\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{64}^2\ \Phi_{56}^2\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
58692	1065	424	$\frac{1}{106}$	$\frac{1}{4}$	$\frac{35}{106}$	$\frac{3}{8}$	$\Phi_{424}^4\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_8^5\ \Phi_2^2\ \Phi_1^3$
58693	1065	72	$\frac{1}{72}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^{15}\ \Phi_{36}^{15}\ \Phi_{24}^{15}\ \Phi_{18}^{15}\ \Phi_{12}^{15}\ \Phi_9^{15}\ \Phi_8^{12}\ \Phi_6^{15}\ \Phi_4^{14}\ \Phi_3^{15}\ \Phi_2^{14}\ \Phi_1^{15}$
58694	1065	2120	$\frac{1}{53}$	$\frac{52}{265}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2120}\ \Phi_{265}\ \Phi_{40}\ \Phi_8\ \Phi_5\ \Phi_1$
58695	1065	361	$\frac{6}{361}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{361}^3\ \Phi_{19}^2\ \Phi_1^3$
58696	1065	112	$\frac{1}{56}$	$\frac{11}{56}$	$\frac{15}{56}$	$\frac{41}{112}$	$\Phi_{112}^{15}\ \Phi_{56}^4\ \Phi_{28}^4\ \Phi_{16}^{15}\ \Phi_{14}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
58697	1065	364	$\frac{9}{364}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{364}^3\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{52}^3\ \Phi_{28}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
58698	1065	432	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^4\ \Phi_{108}\ \Phi_{72}^4\ \Phi_{54}^2\ \Phi_{48}^4\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{24}^4\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
58699	1065	76	$\frac{1}{19}$	$\frac{5}{76}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{76}^{15}\ \Phi_{38}^{12}\ \Phi_{19}^{14}\ \Phi_4^{15}\ \Phi_2^{12}\ \Phi_1^{15}$
58700	1065	392	$\frac{1}{28}$	$\frac{37}{392}$	$\frac{9}{28}$	$\frac{19}{56}$	$\Phi_{392}^3\ \Phi_{196}^3\ \Phi_{98}^3\ \Phi_{49}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
58701	1065	456	$\frac{1}{76}$	$\frac{101}{456}$	$\frac{25}{76}$	$\frac{51}{152}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{114}^3\ \Phi_{76}^2\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{24}^3\ \Phi_{19}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
58702	1065	1068	$\frac{1}{89}$	$\frac{1}{4}$	$\frac{88}{267}$	$\frac{179}{534}$	$\Phi_{1068}\ \Phi_{356}^2\ \Phi_{267}\ \Phi_{178}\ \Phi_{89}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
58703	1065	532	$\frac{1}{133}$	$\frac{44}{133}$	$\frac{177}{532}$	$\frac{89}{266}$	$\Phi_{532}^3\ \Phi_{133}^2\ \Phi_{76}^3\ \Phi_{28}^3\ \Phi_{19}^2\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
58704	1065	363	$\frac{8}{363}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{363}^3\ \Phi_{121}^3\ \Phi_{33}^2\ \Phi_{11}^3\ \Phi_3\ \Phi_1^3$
58705	1065	528	$\frac{3}{176}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{173}{528}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{48}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
58706	1065	105	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{34}{105}$	$\Phi_{105}^{15}\ \Phi_{21}^{15}\ \Phi_{15}^{15}\ \Phi_7^2\ \Phi_3^{15}\ \Phi_1^3$
58707	1065	420	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{34}{105}$	$\Phi_{420}^3\ \Phi_{210}\ \Phi_{140}^4\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^5\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
58708	1065	504	$\frac{1}{28}$	$\frac{19}{168}$	$\frac{149}{504}$	$\frac{9}{28}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{126}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_9^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
58709	1065	84	$\frac{1}{28}$	$\frac{13}{84}$	$\frac{19}{84}$	$\frac{9}{28}$	$\Phi_{84}^{12}\ \Phi_{42}^{12}\ \Phi_{28}^{14}\ \Phi_{21}^{12}\ \Phi_{14}^{14}\ \Phi_{12}^{12}\ \Phi_7^{14}\ \Phi_6^{12}\ \Phi_4^{14}\ \Phi_3^{12}\ \Phi_2^{14}\ \Phi_1^{15}$
58710	1065	448	$\frac{1}{28}$	$\frac{19}{112}$	$\frac{93}{448}$	$\frac{9}{28}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
58711	1065	513	$\frac{1}{19}$	$\frac{13}{171}$	$\frac{158}{513}$	$\frac{6}{19}$	$\Phi_{513}^3\ \Phi_{27}^3\ \Phi_{19}^2\ \Phi_1^3$
58712	1065	399	$\frac{1}{19}$	$\frac{44}{399}$	$\frac{13}{57}$	$\frac{6}{19}$	$\Phi_{399}^3\ \Phi_{133}^3\ \Phi_{21}^3\ \Phi_{19}^2\ \Phi_7^3\ \Phi_1^3$
58713	1065	456	$\frac{1}{19}$	$\frac{13}{114}$	$\frac{101}{456}$	$\frac{6}{19}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{152}^3\ \Phi_{76}^3\ \Phi_{24}^3\ \Phi_{19}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_4^3\ \Phi_1^3$
58714	1065	462	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{107}{462}$	$\frac{47}{154}$	$\Phi_{462}^3\ \Phi_{231}^3\ \Phi_{154}\ \Phi_{77}\ \Phi_{66}^3\ \Phi_{42}^3\ \Phi_{33}^3\ \Phi_{22}\ \Phi_{21}^3\ \Phi_{11}\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
58715	1065	504	$\frac{2}{21}$	$\frac{19}{168}$	$\frac{1}{7}$	$\frac{149}{504}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{126}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{36}^3\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
58716	1065	280	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{67}{280}$	$\frac{2}{7}$	$\Phi_{280}^5\ \Phi_{140}^5\ \Phi_{56}^5\ \Phi_{40}^5\ \Phi_{28}^5\ \Phi_{20}^5\ \Phi_8^5\ \Phi_7^2\ \Phi_4^5\ \Phi_1^3$
58717	1065	224	$\frac{11}{224}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{224}^5\ \Phi_{112}^5\ \Phi_{56}^5\ \Phi_{32}^5\ \Phi_{28}^5\ \Phi_{16}^5\ \Phi_8^5\ \Phi_7^2\ \Phi_4^5\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
58718	1065	525	$\frac{4}{75}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{525}^{2}\ \Phi_{175}^{2}\ \Phi_{105}^{2}\ \Phi_{75}^{3}\ \Phi_{25}^{3}\ \Phi_{21}^{2}\ \Phi_{15}^{3}\ \Phi_{7}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
58719	1065	84	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{84}$	$\frac{2}{7}$	$\Phi_{84}^{15}\ \Phi_{42}^{15}\ \Phi_{28}^{15}\ \Phi_{21}^{15}\ \Phi_{12}^{15}\ \Phi_{7}^{2}\ \Phi_{6}^{15}\ \Phi_{4}^{15}\ \Phi_{3}^{15}\ \Phi_{1}^{3}$
58720	1065	77	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{77}^{15}\ \Phi_{11}^{15}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
58721	1065	245	$\frac{3}{35}$	$\frac{32}{245}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{245}^{5}\ \Phi_{49}^{5}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
58722	1065	560	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{140}^{2}\ \Phi_{112}^{2}\ \Phi_{80}^{3}\ \Phi_{56}^{2}\ \Phi_{40}^{3}\ \Phi_{28}^{2}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
58723	1065	76	$\frac{5}{76}$	$\frac{11}{76}$	$\frac{13}{76}$	$\frac{21}{76}$	$\Phi_{76}^{14}\ \Phi_{38}^{14}\ \Phi_{19}^{14}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
58724	1065	98	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{17}{98}$	$\frac{27}{98}$	$\Phi_{98}^{11}\ \Phi_{49}^{11}\ \Phi_{14}^{10}\ \Phi_{7}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
58725	1065	96	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{96}^{15}\ \Phi_{48}^{15}\ \Phi_{24}^{15}\ \Phi_{16}^{7}\ \Phi_{12}^{15}\ \Phi_{8}^{6}\ \Phi_{6}^{15}\ \Phi_{4}^{6}\ \Phi_{3}^{15}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
58726	1065	476	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{113}{476}$	$\frac{121}{476}$	$\Phi_{476}^{2}\ \Phi_{238}^{2}\ \Phi_{119}^{3}\ \Phi_{68}^{2}\ \Phi_{34}^{2}\ \Phi_{28}^{2}\ \Phi_{17}^{3}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
58727	1065	88	$\frac{3}{88}$	$\frac{17}{88}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{88}^{12}\ \Phi_{44}^{12}\ \Phi_{22}^{12}\ \Phi_{11}^{12}\ \Phi_{8}^{12}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
58728	1065	368	$\frac{13}{368}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{368}^{3}\ \Phi_{184}^{3}\ \Phi_{92}^{3}\ \Phi_{46}^{3}\ \Phi_{23}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
58729	1065	396	$\frac{3}{44}$	$\frac{41}{396}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{396}^{3}\ \Phi_{198}^{3}\ \Phi_{132}^{3}\ \Phi_{99}^{3}\ \Phi_{66}^{3}\ \Phi_{36}^{3}\ \Phi_{33}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
58730	1065	384	$\frac{29}{384}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{384}^{3}\ \Phi_{192}^{3}\ \Phi_{128}^{3}\ \Phi_{96}^{3}\ \Phi_{64}^{3}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
58731	1065	300	$\frac{4}{75}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{300}^{5}\ \Phi_{150}^{2}\ \Phi_{100}^{5}\ \Phi_{75}^{3}\ \Phi_{60}^{3}\ \Phi_{50}^{2}\ \Phi_{30}\ \Phi_{25}^{3}\ \Phi_{20}^{4}\ \Phi_{15}^{2}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{5}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
58732	1065	84	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{84}^{11}\ \Phi_{42}^{13}\ \Phi_{28}^{13}\ \Phi_{21}^{13}\ \Phi_{14}^{14}\ \Phi_{12}^{13}\ \Phi_{7}^{14}\ \Phi_{6}^{14}\ \Phi_{4}^{14}\ \Phi_{3}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
58733	1065	924	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{924}^{2}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{132}^{2}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
58734	1065	240	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{240}^{6}\ \Phi_{120}^{6}\ \Phi_{80}^{3}\ \Phi_{60}^{2}\ \Phi_{48}^{6}\ \Phi_{40}^{3}\ \Phi_{30}^{4}\ \Phi_{24}^{6}\ \Phi_{20}\ \Phi_{16}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{5}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
58735	1065	84	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{13}{84}$	$\frac{19}{84}$	$\Phi_{84}^{12}\ \Phi_{42}^{12}\ \Phi_{28}^{12}\ \Phi_{21}^{15}\ \Phi_{14}^{12}\ \Phi_{12}^{12}\ \Phi_{7}^{14}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{15}\ \Phi_{2}^{12}\ \Phi_{1}^{15}$
58736	1066	1062	$\frac{2}{531}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{529}{1062}$	$\Phi_{1062}^{2}\ \Phi_{354}^{2}\ \Phi_{118}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
58737	1066	852	$\frac{1}{213}$	$\frac{107}{426}$	$\frac{319}{852}$	$\frac{106}{213}$	$\Phi_{852}^{2}\ \Phi_{284}^{2}\ \Phi_{213}\ \Phi_{71}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
58738	1066	2136	$\frac{1}{178}$	$\frac{179}{712}$	$\frac{1}{3}$	$\frac{177}{356}$	$\Phi_{2136}\ \Phi_{534}\ \Phi_{267}\ \Phi_{24}\ \Phi_{6}$
58739	1066	1060	$\frac{3}{530}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{527}{1060}$	$\Phi_{1060}^{2}\ \Phi_{212}^{2}\ \Phi_{20}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
58740	1066	1056	$\frac{5}{528}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{523}{1056}$	$\Phi_{1056}^{2}\ \Phi_{352}^{2}\ \Phi_{96}^{2}\ \Phi_{32}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
58741	1066	648	$\frac{1}{81}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{40}{81}$	$\Phi_{648}^{3}\ \Phi_{216}^{3}\ \Phi_{81}\ \Phi_{72}^{3}\ \Phi_{27}\ \Phi_{24}^{4}\ \Phi_{9}\ \Phi_{8}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
58742	1066	405	$\frac{1}{81}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{40}{81}$	$\Phi_{405}^{3}\ \Phi_{135}^{3}\ \Phi_{81}\ \Phi_{45}^{3}\ \Phi_{27}\ \Phi_{15}^{4}\ \Phi_{9}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
58743	1066	162	$\frac{1}{81}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{40}{81}$	$\Phi_{162}^{6}\ \Phi_{81}^{7}\ \Phi_{54}^{6}\ \Phi_{27}^{7}\ \Phi_{18}^{7}\ \Phi_{9}^{8}\ \Phi_{6}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
58744	1066	1296	$\frac{1}{81}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{40}{81}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
58745	1066	994	$\frac{1}{71}$	$\frac{36}{497}$	$\frac{461}{994}$	$\frac{35}{71}$	$\Phi_{994}^{2}\ \Phi_{142}^{2}\ \Phi_{71}\ \Phi_{14}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
58746	1066	1050	$\frac{8}{525}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{517}{1050}$	$\Phi_{1050}^{2}\ \Phi_{350}^{2}\ \Phi_{210}^{2}\ \Phi_{150}^{2}\ \Phi_{70}^{2}\ \Phi_{50}^{2}\ \Phi_{42}^{2}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
58747	1066	400	$\frac{1}{40}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{39}{80}$	$\Phi_{400}^{5}\ \Phi_{80}^{6}\ \Phi_{25}\ \Phi_{16}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
58748	1066	1680	$\frac{1}{40}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{1680}^{2}\ \Phi_{336}^{2}\ \Phi_{240}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
58749	1066	240	$\frac{1}{40}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{39}{80}$	$\Phi_{240}^{10}\ \Phi_{80}^{6}\ \Phi_{48}^{10}\ \Phi_{16}^{6}\ \Phi_{15}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
58750	1066	1035	$\frac{31}{1035}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{502}{1035}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}\ \Phi_{115}\ \Phi_{69}\ \Phi_{45}^{2}\ \Phi_{23}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
58751	1066	720	$\frac{7}{180}$	$\frac{1}{15}$	$\frac{187}{720}$	$\frac{173}{360}$	$\Phi_{720}^{2}\ \Phi_{240}^{2}\ \Phi_{180}^{2}\ \Phi_{144}^{2}\ \Phi_{90}^{2}\ \Phi_{80}^{2}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
58752	1066	300	$\frac{1}{25}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{12}{25}$	$\Phi_{300}^{5}\ \Phi_{150}^{5}\ \Phi_{75}^{5}\ \Phi_{60}^{6}\ \Phi_{30}^{6}\ \Phi_{25}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
58753	1066	1100	$\frac{1}{25}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{25}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
58754	1066	225	$\frac{1}{25}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{225}^5\ \Phi_{75}^5\ \Phi_{45}^6\ \Phi_{25}\ \Phi_{15}^6\ \Phi_9^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
58755	1066	50	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{12}{25}$	$\Phi_{50}^{21}\ \Phi_{25}^{22}\ \Phi_{10}^{20}\ \Phi_5^{21}\ \Phi_2^{20}\ \Phi_1^{22}$
58756	1066	1200	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{12}{25}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
58757	1066	1020	$\frac{23}{510}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{487}{1020}$	$\Phi_{1020}^2\ \Phi_{340}^2\ \Phi_{204}^2\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58758	1066	702	$\frac{1}{27}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{702}^3\ \Phi_{234}^3\ \Phi_{78}^2\ \Phi_{54}^3\ \Phi_{27}^2\ \Phi_{26}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58759	1066	630	$\frac{1}{15}$	$\frac{8}{105}$	$\frac{97}{630}$	$\frac{7}{15}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58760	1066	45	$\frac{1}{15}$	$\frac{4}{45}$	$\frac{2}{15}$	$\frac{7}{15}$	$\Phi_{45}^{26}\ \Phi_{15}^{19}\ \Phi_9^{26}\ \Phi_5^{19}\ \Phi_3^{19}\ \Phi_1^{20}$
58761	1066	600	$\frac{1}{15}$	$\frac{8}{75}$	$\frac{67}{600}$	$\frac{7}{15}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58762	1066	1512	$\frac{1}{27}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_6$
58763	1066	990	$\frac{1}{15}$	$\frac{38}{495}$	$\frac{7}{45}$	$\frac{457}{990}$	$\Phi_{990}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{110}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58764	1066	168	$\frac{1}{42}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{168}^{12}\ \Phi_{56}^{12}\ \Phi_{42}^2\ \Phi_{24}^{10}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_8^{10}\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58765	1066	216	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{13}{54}$	$\frac{11}{24}$	$\Phi_{216}^9\ \Phi_{72}^9\ \Phi_{54}^2\ \Phi_{27}\ \Phi_{24}^{10}\ \Phi_{18}^2\ \Phi_9\ \Phi_8^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58766	1066	360	$\frac{1}{12}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{11}{24}$	$\Phi_{360}^6\ \Phi_{120}^6\ \Phi_{72}^3\ \Phi_{45}^2\ \Phi_{40}^6\ \Phi_{24}^4\ \Phi_{15}^2\ \Phi_9\ \Phi_8^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
58767	1066	75	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{2}{15}$	$\frac{34}{75}$	$\Phi_{75}^{13}\ \Phi_{25}^{13}\ \Phi_{15}^{19}\ \Phi_5^{19}\ \Phi_3^{19}\ \Phi_1^{20}$
58768	1066	960	$\frac{1}{15}$	$\frac{53}{480}$	$\frac{7}{60}$	$\frac{427}{960}$	$\Phi_{960}^2\ \Phi_{320}^2\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58769	1066	126	$\frac{1}{42}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{126}^9\ \Phi_{63}^9\ \Phi_{42}^8\ \Phi_{21}^8\ \Phi_{18}^7\ \Phi_{14}^8\ \Phi_9^8\ \Phi_7^8\ \Phi_6^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
58770	1066	600	$\frac{1}{15}$	$\frac{67}{600}$	$\frac{7}{60}$	$\frac{53}{120}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58771	1066	945	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{121}{945}$	$\frac{412}{945}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
58772	1066	216	$\frac{1}{27}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{216}^9\ \Phi_{72}^8\ \Phi_{54}^3\ \Phi_{27}^2\ \Phi_{24}^8\ \Phi_{18}^3\ \Phi_9^2\ \Phi_8^8\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58773	1066	71	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{11}{71}$	$\frac{30}{71}$	$\Phi_{71}^{15}\ \Phi_1^{16}$
58774	1066	540	$\frac{7}{540}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58775	1066	432	$\frac{1}{27}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{48}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58776	1066	1890	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{1890}\ \Phi_{630}\ \Phi_{378}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}\ \Phi_6$
58777	1066	900	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{83}{450}$	$\frac{367}{900}$	$\Phi_{900}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58778	1066	2670	$\frac{1}{89}$	$\frac{88}{445}$	$\frac{1}{3}$	$\frac{357}{890}$	$\Phi_{2670}\ \Phi_{534}\ \Phi_{267}\ \Phi_{30}\ \Phi_6$
58779	1066	795	$\frac{3}{265}$	$\frac{1}{5}$	$\frac{262}{795}$	$\frac{2}{5}$	$\Phi_{795}^2\ \Phi_{159}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
58780	1066	540	$\frac{7}{540}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
58781	1066	852	$\frac{1}{71}$	$\frac{35}{142}$	$\frac{107}{426}$	$\frac{319}{852}$	$\Phi_{852}^2\ \Phi_{284}^2\ \Phi_{142}^2\ \Phi_{71}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
58782	1066	810	$\frac{7}{135}$	$\frac{1}{15}$	$\frac{128}{405}$	$\frac{277}{810}$	$\Phi_{810}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58783	1066	801	$\frac{2}{267}$	$\frac{265}{801}$	$\frac{1}{3}$	$\frac{268}{801}$	$\Phi_{801}\ \Phi_{267}^2\ \Phi_{89}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
58784	1066	708	$\frac{2}{177}$	$\frac{175}{708}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{708}^2\ \Phi_{354}^2\ \Phi_{236}^2\ \Phi_{118}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
58785	1066	540	$\frac{7}{540}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58786	1066	210	$\frac{1}{42}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^6\ \Phi_{42}^2\ \Phi_{35}^6\ \Phi_{30}^6\ \Phi_{21}^2\ \Phi_{15}^4\ \Phi_{14}^2\ \Phi_{10}^6\ \Phi_7^2\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58787	1066	792	$\frac{5}{264}$	$\frac{1}{6}$	$\frac{259}{792}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58788	1066	420	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^4\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^4\ \Phi_{60}\ \Phi_{42}^3\ \Phi_{35}^4\ \Phi_{30}\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^4\ \Phi_{12}\ \Phi_{10}^2\ \Phi_7^4\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58789	1066	126	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{126}^{12}\ \Phi_{63}^{12}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^{10}\ \Phi_{14}^2\ \Phi_9^{10}\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58790	1066	336	$\frac{1}{42}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^4\ \Phi_{56}^4\ \Phi_{48}^3\ \Phi_{42}^2\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_8^4\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58791	1066	924	$\frac{3}{44}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{231}^2\ \Phi_{132}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{21}\ \Phi_6$
58792	1066	270	$\frac{1}{27}$	$\frac{2}{15}$	$\frac{13}{54}$	$\frac{1}{3}$	$\Phi_{270}^6\ \Phi_{135}^3\ \Phi_{90}^6\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{30}^6\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_9\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58793	1066	552	$\frac{19}{552}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{184}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58794	1066	630	$\frac{1}{14}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_2^2$
58795	1066	660	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{127}{660}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58796	1066	1050	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{150}\ \Phi_{75}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
58797	1066	576	$\frac{43}{576}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{64}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58798	1066	594	$\frac{5}{66}$	$\frac{61}{594}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58799	1066	336	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{336}^4\ \Phi_{168}^2\ \Phi_{112}^4\ \Phi_{84}^2\ \Phi_{56}^4\ \Phi_{48}^2\ \Phi_{42}^3\ \Phi_{28}^4\ \Phi_{24}\ \Phi_{21}^3\ \Phi_{16}^2\ \Phi_{14}^4\ \Phi_{12}\ \Phi_8^2\ \Phi_7^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58800	1066	45	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{45}^{23}\ \Phi_{15}^{24}\ \Phi_9^{25}\ \Phi_5^{24}\ \Phi_3^{25}\ \Phi_1^{26}$
58801	1066	60	$\frac{1}{20}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{19}{60}$	$\Phi_{60}^{16}\ \Phi_{30}^{16}\ \Phi_{20}^{20}\ \Phi_{15}^{18}\ \Phi_{12}^{16}\ \Phi_{10}^{20}\ \Phi_6^{16}\ \Phi_5^{21}\ \Phi_4^{20}\ \Phi_3^{18}\ \Phi_2^{20}\ \Phi_1^{22}$
58802	1066	225	$\frac{2}{25}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{23}{75}$	$\Phi_{225}^5\ \Phi_{75}^3\ \Phi_{45}^6\ \Phi_{25}^5\ \Phi_{15}^4\ \Phi_9^6\ \Phi_5^5\ \Phi_3^4\ \Phi_1^6$
58803	1066	54	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{54}^{20}\ \Phi_{27}^{19}\ \Phi_{18}^{21}\ \Phi_9^{20}\ \Phi_6^{20}\ \Phi_3^{19}\ \Phi_2^{20}\ \Phi_1^{20}$
58804	1066	90	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{90}^{12}\ \Phi_{45}^{14}\ \Phi_{30}^{12}\ \Phi_{18}^7\ \Phi_{15}^{14}\ \Phi_{10}^{12}\ \Phi_9^8\ \Phi_6^6\ \Phi_5^{14}\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
58805	1066	720	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{53}{240}$	$\frac{187}{720}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58806	1066	432	$\frac{1}{27}$	$\frac{3}{16}$	$\frac{13}{54}$	$\frac{1}{4}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{72}^3\ \Phi_{54}^2\ \Phi_{48}^3\ \Phi_{27}\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{16}^4\ \Phi_9\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
58807	1066	660	$\frac{3}{44}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
58808	1066	720	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{144}\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
58809	1066	45	$\frac{4}{45}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{45}^{26}\ \Phi_{15}^{18}\ \Phi_9^{26}\ \Phi_5^{21}\ \Phi_3^{18}\ \Phi_1^{22}$
58810	1066	150	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{9}{50}$	$\frac{1}{5}$	$\Phi_{150}^{10}\ \Phi_{75}^{10}\ \Phi_{50}^6\ \Phi_{25}^6\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
58811	1066	240	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{7}{48}$	$\frac{1}{5}$	$\Phi_{240}^5\ \Phi_{120}^3\ \Phi_{80}^5\ \Phi_{60}^3\ \Phi_{48}^6\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^6\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^5\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
58812	1067	960	$\frac{1}{96}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{95}{192}$	$\Phi_{960}^2\ \Phi_{320}^2\ \Phi_{192}^3\ \Phi_{64}^3\ \Phi_{20}\ \Phi_4\ \Phi_1$
58813	1067	960	$\frac{1}{96}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{95}{192}$	$\Phi_{960}^2\ \Phi_{320}^2\ \Phi_{192}^3\ \Phi_{64}^3\ \Phi_{15}\ \Phi_3\ \Phi_1$
58814	1067	1968	$\frac{1}{82}$	$\frac{83}{984}$	$\frac{901}{1968}$	$\frac{81}{164}$	$\Phi_{1968}\ \Phi_{656}\ \Phi_{164}\ \Phi_{48}\ \Phi_{16}\ \Phi_4\ \Phi_1$
58815	1067	1476	$\frac{1}{82}$	$\frac{83}{492}$	$\frac{409}{1476}$	$\frac{81}{164}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{369}\ \Phi_{164}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
58816	1067	1312	$\frac{1}{82}$	$\frac{245}{1312}$	$\frac{83}{328}$	$\frac{81}{164}$	$\Phi_{1312}\ \Phi_{656}\ \Phi_{164}\ \Phi_{32}\ \Phi_{16}\ \Phi_4\ \Phi_1$
58817	1067	2080	$\frac{27}{1040}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{1013}{2080}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{160}\ \Phi_{52}\ \Phi_{32}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
58818	1067	1560	$\frac{1}{26}$	$\frac{27}{520}$	$\frac{493}{1560}$	$\frac{25}{52}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{120}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
58819	1067	104	$\frac{1}{26}$	$\frac{7}{104}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{104}^{10}\ \Phi_{52}^{11}\ \Phi_{26}^{10}\ \Phi_{13}^{10}\ \Phi_{8}^{10}\ \Phi_{4}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
58820	1067	1300	$\frac{1}{26}$	$\frac{27}{260}$	$\frac{233}{1300}$	$\frac{25}{52}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{325}\ \Phi_{100}\ \Phi_{52}\ \Phi_{50}\ \Phi_{25}\ \Phi_{4}\ \Phi_{1}$
58821	1067	1248	$\frac{1}{26}$	$\frac{27}{208}$	$\frac{181}{1248}$	$\frac{25}{52}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
58822	1067	2028	$\frac{1}{26}$	$\frac{53}{1014}$	$\frac{25}{78}$	$\frac{961}{2028}$	$\Phi_{2028}\ \Phi_{676}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
58823	1067	1092	$\frac{6}{91}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{85}{182}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}^{2}\ \Phi_{78}\ \Phi_{52}\ \Phi_{42}^{2}\ \Phi_{39}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{13}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
58824	1067	1456	$\frac{1}{26}$	$\frac{25}{364}$	$\frac{389}{1456}$	$\frac{339}{728}$	$\Phi_{1456}\ \Phi_{364}\ \Phi_{208}\ \Phi_{182}\ \Phi_{112}\ \Phi_{91}\ \Phi_{52}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
58825	1067	336	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{15}{112}$	$\frac{13}{28}$	$\Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{112}^{3}\ \Phi_{84}^{2}\ \Phi_{56}^{3}\ \Phi_{48}^{4}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{4}\ \Phi_{21}^{2}\ \Phi_{16}^{3}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
58826	1067	1968	$\frac{1}{41}$	$\frac{83}{984}$	$\frac{40}{123}$	$\frac{901}{1968}$	$\Phi_{1968}\ \Phi_{656}\ \Phi_{123}\ \Phi_{48}\ \Phi_{16}\ \Phi_{3}\ \Phi_{1}$
58827	1067	1980	$\frac{2}{99}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{132}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{20}\ \Phi_{11}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
58828	1067	720	$\frac{1}{48}$	$\frac{1}{10}$	$\frac{47}{144}$	$\frac{9}{20}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{144}^{3}\ \Phi_{90}^{2}\ \Phi_{72}^{3}\ \Phi_{45}^{2}\ \Phi_{36}^{3}\ \Phi_{20}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{4}\ \Phi_{1}$
58829	1067	100	$\frac{3}{100}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{100}^{11}\ \Phi_{50}^{11}\ \Phi_{25}^{11}\ \Phi_{20}^{10}\ \Phi_{10}^{9}\ \Phi_{5}^{9}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
58830	1067	640	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{31}{128}$	$\frac{9}{20}$	$\Phi_{640}^{2}\ \Phi_{320}^{2}\ \Phi_{128}^{3}\ \Phi_{64}^{3}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
58831	1067	120	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{23}{120}$	$\frac{9}{20}$	$\Phi_{120}^{9}\ \Phi_{60}^{9}\ \Phi_{40}^{9}\ \Phi_{30}^{9}\ \Phi_{24}^{8}\ \Phi_{20}^{10}\ \Phi_{15}^{9}\ \Phi_{12}^{8}\ \Phi_{10}^{9}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{9}\ \Phi_{4}^{9}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
58832	1067	1020	$\frac{5}{102}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{1020}^{2}\ \Phi_{340}^{2}\ \Phi_{204}^{2}\ \Phi_{102}\ \Phi_{68}^{2}\ \Phi_{51}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{4}\ \Phi_{1}$
58833	1067	560	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{15}{112}$	$\frac{9}{20}$	$\Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{140}^{2}\ \Phi_{112}^{3}\ \Phi_{70}^{2}\ \Phi_{56}^{3}\ \Phi_{35}^{2}\ \Phi_{28}^{3}\ \Phi_{20}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{4}\ \Phi_{1}$
58834	1067	520	$\frac{7}{104}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{520}^{2}\ \Phi_{260}^{2}\ \Phi_{130}^{2}\ \Phi_{104}^{3}\ \Phi_{65}^{2}\ \Phi_{52}^{3}\ \Phi_{26}^{3}\ \Phi_{20}\ \Phi_{13}^{3}\ \Phi_{4}\ \Phi_{1}$
58835	1067	540	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{108}$	$\frac{9}{20}$	$\Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{180}^{2}\ \Phi_{135}^{2}\ \Phi_{108}^{3}\ \Phi_{90}^{2}\ \Phi_{54}^{3}\ \Phi_{45}^{2}\ \Phi_{36}^{3}\ \Phi_{27}^{3}\ \Phi_{20}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{4}\ \Phi_{1}$
58836	1067	1476	$\frac{1}{41}$	$\frac{40}{369}$	$\frac{409}{1476}$	$\frac{329}{738}$	$\Phi_{1476}\ \Phi_{492}\ \Phi_{369}\ \Phi_{164}\ \Phi_{123}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
58837	1067	1872	$\frac{1}{26}$	$\frac{131}{936}$	$\frac{25}{156}$	$\frac{805}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
58838	1067	168	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{84}$	$\frac{71}{168}$	$\Phi_{168}^{11}\ \Phi_{84}^{2}\ \Phi_{56}^{11}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{11}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}^{11}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
58839	1067	1248	$\frac{1}{26}$	$\frac{181}{1248}$	$\frac{25}{156}$	$\frac{131}{312}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{208}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
58840	1067	1820	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{157}{910}$	$\frac{753}{1820}$	$\Phi_{1820}\ \Phi_{364}\ \Phi_{260}\ \Phi_{182}\ \Phi_{140}\ \Phi_{91}\ \Phi_{52}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
58841	1067	882	$\frac{1}{98}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{882}\ \Phi_{441}\ \Phi_{294}^{2}\ \Phi_{147}^{2}\ \Phi_{126}\ \Phi_{98}\ \Phi_{63}\ \Phi_{49}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
58842	1067	784	$\frac{1}{98}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{784}^{2}\ \Phi_{196}^{2}\ \Phi_{112}^{2}\ \Phi_{98}\ \Phi_{49}\ \Phi_{28}^{2}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
58843	1067	1230	$\frac{1}{41}$	$\frac{163}{1230}$	$\frac{40}{123}$	$\frac{83}{246}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{410}\ \Phi_{205}\ \Phi_{123}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
58844	1067	495	$\frac{2}{99}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{495}^{2}\ \Phi_{165}^{2}\ \Phi_{99}^{3}\ \Phi_{55}^{2}\ \Phi_{45}^{2}\ \Phi_{33}^{3}\ \Phi_{15}\ \Phi_{11}^{3}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$
58845	1067	720	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{47}{144}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{144}^{3}\ \Phi_{90}^{2}\ \Phi_{72}^{3}\ \Phi_{45}^{2}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{15}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$
58846	1067	1476	$\frac{1}{41}$	$\frac{83}{492}$	$\frac{409}{1476}$	$\frac{40}{123}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{369}\ \Phi_{123}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
58847	1067	252	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{29}{126}$	$\frac{13}{42}$	$\Phi_{252}^{6}\ \Phi_{126}^{5}\ \Phi_{84}^{2}\ \Phi_{63}^{5}\ \Phi_{42}^{2}\ \Phi_{36}^{6}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{5}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}^{5}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
58848	1067	1404	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{337}{1404}$	$\frac{131}{468}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{156}\ \Phi_{108}\ \Phi_{78}\ \Phi_{54}\ \Phi_{52}\ \Phi_{39}\ \Phi_{27}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
58849	1067	300	$\frac{3}{100}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{300}^{5}\ \Phi_{150}^{5}\ \Phi_{100}\ \Phi_{75}^{5}\ \Phi_{60}^{4}\ \Phi_{50}\ \Phi_{30}^{4}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{3}^{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
58850	1067	1920	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{31}{128}$	$\frac{4}{15}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
58851	1067	120	$\frac{1}{24}$	$\frac{23}{120}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{120}^{9}\ \Phi_{60}^{9}\ \Phi_{40}^{9}\ \Phi_{30}^{9}\ \Phi_{24}^{8}\ \Phi_{20}^{9}\ \Phi_{15}^{10}\ \Phi_{12}^{8}\ \Phi_{10}^{9}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{9}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
58852	1067	510	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{510}^{2}\ \Phi_{255}^{2}\ \Phi_{170}^{2}\ \Phi_{102}^{3}\ \Phi_{85}^{2}\ \Phi_{51}^{3}\ \Phi_{34}^{3}\ \Phi_{17}^{3}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
58853	1067	1680	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{210}\ \Phi_{168}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
58854	1067	1560	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}$
58855	1067	540	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{180}^{2}\ \Phi_{135}^{2}\ \Phi_{108}^{3}\ \Phi_{90}^{2}\ \Phi_{54}^{3}\ \Phi_{45}^{2}\ \Phi_{36}^{3}\ \Phi_{27}^{3}\ \Phi_{18}^{3}\ \Phi_{15}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$
58856	1068	1596	$\frac{1}{266}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{265}{532}$	$\Phi_{1596}\ \Phi_{532}^{2}\ \Phi_{228}\ \Phi_{84}\ \Phi_{76}^{2}\ \Phi_{28}^{2}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
58857	1068	885	$\frac{1}{177}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{88}{177}$	$\Phi_{885}\ \Phi_{295}\ \Phi_{177}^{2}\ \Phi_{59}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
58858	1068	708	$\frac{1}{177}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{88}{177}$	$\Phi_{708}^{2}\ \Phi_{354}^{2}\ \Phi_{236}^{2}\ \Phi_{118}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
58859	1068	1067	$\frac{7}{1067}$	$\frac{179}{1067}$	$\frac{444}{1067}$	$\frac{530}{1067}$	$\Phi_{1067}\ \Phi_{97}\ \Phi_{11}\ \Phi_{1}^{2}$
58860	1068	1590	$\frac{2}{265}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{263}{530}$	$\Phi_{1590}^{2}\ \Phi_{318}^{2}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{6}^{2}$
58861	1068	476	$\frac{1}{119}$	$\frac{1}{4}$	$\frac{30}{119}$	$\frac{59}{119}$	$\Phi_{476}^{3}\ \Phi_{238}^{3}\ \Phi_{68}^{3}\ \Phi_{34}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
58862	1068	1067	$\frac{9}{1067}$	$\frac{266}{1067}$	$\frac{269}{1067}$	$\frac{529}{1067}$	$\Phi_{1067}\ \Phi_{97}\ \Phi_{11}\ \Phi_{1}^{2}$
58863	1068	321	$\frac{1}{107}$	$\frac{18}{107}$	$\frac{1}{3}$	$\frac{53}{107}$	$\Phi_{321}^{5}\ \Phi_{3}^{4}$
58864	1068	485	$\frac{1}{97}$	$\frac{49}{485}$	$\frac{218}{485}$	$\frac{48}{97}$	$\Phi_{485}^{2}\ \Phi_{97}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
58865	1068	176	$\frac{1}{88}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{87}{176}$	$\Phi_{176}^{12}\ \Phi_{16}^{12}\ \Phi_{11}\ \Phi_{1}^{2}$
58866	1068	3696	$\frac{1}{88}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{87}{176}$	$\Phi_{3696}\ \Phi_{336}\ \Phi_{21}$
58867	1068	176	$\frac{1}{88}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{87}{176}$	$\Phi_{176}^{12}\ \Phi_{16}^{12}\ \Phi_{11}\ \Phi_{1}^{2}$
58868	1068	880	$\frac{1}{88}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{87}{176}$	$\Phi_{880}^{3}\ \Phi_{80}^{3}\ \Phi_{20}\ \Phi_{10}$
58869	1068	700	$\frac{3}{175}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{86}{175}$	$\Phi_{700}^{2}\ \Phi_{350}^{2}\ \Phi_{140}^{2}\ \Phi_{100}^{2}\ \Phi_{70}^{2}\ \Phi_{50}^{2}\ \Phi_{28}^{3}\ \Phi_{20}^{2}\ \Phi_{14}^{3}\ \Phi_{10}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
58870	1068	204	$\frac{1}{51}$	$\frac{13}{102}$	$\frac{1}{4}$	$\frac{25}{51}$	$\Phi_{204}^{7}\ \Phi_{102}^{3}\ \Phi_{68}^{7}\ \Phi_{51}^{4}\ \Phi_{34}^{3}\ \Phi_{17}^{4}\ \Phi_{12}^{7}\ \Phi_{6}^{3}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
58871	1068	2262	$\frac{2}{87}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{2262}\ \Phi_{754}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
58872	1068	97	$\frac{3}{97}$	$\frac{8}{97}$	$\frac{25}{97}$	$\frac{47}{97}$	$\Phi_{97}^{11}\ \Phi_{1}^{12}$
58873	1068	1560	$\frac{1}{30}$	$\frac{1}{13}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{130}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}$
58874	1068	340	$\frac{4}{85}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{81}{170}$	$\Phi_{340}^{4}\ \Phi_{85}^{4}\ \Phi_{68}^{5}\ \Phi_{34}\ \Phi_{20}^{4}\ \Phi_{17}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
58875	1068	2210	$\frac{4}{85}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{81}{170}$	$\Phi_{2210}\ \Phi_{442}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
58876	1068	756	$\frac{1}{21}$	$\frac{11}{189}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{756}^{2}\ \Phi_{378}^{2}\ \Phi_{252}^{2}\ \Phi_{126}^{2}\ \Phi_{108}^{2}\ \Phi_{84}\ \Phi_{54}^{2}\ \Phi_{42}\ \Phi_{36}^{2}\ \Phi_{28}\ \Phi_{18}^{2}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
58877	1068	97	$\frac{5}{97}$	$\frac{8}{97}$	$\frac{17}{97}$	$\frac{46}{97}$	$\Phi_{97}^{11}\ \Phi_{1}^{12}$
58878	1068	1404	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
58879	1068	748	$\frac{9}{187}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{748}^{2}\ \Phi_{374}^{2}\ \Phi_{68}\ \Phi_{44}^{2}\ \Phi_{34}\ \Phi_{22}^{2}$
58880	1068	168	$\frac{1}{21}$	$\frac{5}{84}$	$\frac{1}{4}$	$\frac{79}{168}$	$\Phi_{168}^{12}\ \Phi_{84}\ \Phi_{56}^{12}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}^{12}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}^{12}\ \Phi_{6}$
58881	1068	2184	$\frac{5}{84}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{79}{168}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{104}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
58882	1068	308	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{41}{308}$	$\frac{36}{77}$	$\Phi_{308}^{4}\ \Phi_{154}^{4}\ \Phi_{77}^{2}\ \Phi_{44}^{4}\ \Phi_{28}^{4}\ \Phi_{22}^{4}\ \Phi_{14}^{4}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
58883	1068	1001	$\frac{67}{1001}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{467}{1001}$	$\Phi_{1001}\ \Phi_{143}\ \Phi_{91}\ \Phi_{77}^{2}\ \Phi_{13}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
58884	1068	132	$\frac{1}{44}$	$\frac{1}{11}$	$\frac{43}{132}$	$\frac{5}{11}$	$\Phi_{132}^{12}\ \Phi_{66}^{12}\ \Phi_{33}^{12}\ \Phi_{12}^{12}\ \Phi_{11}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{2}$
58885	1068	275	$\frac{8}{275}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{275}^{4}\ \Phi_{55}^{4}\ \Phi_{25}^{4}\ \Phi_{11}\ \Phi_{5}^{4}\ \Phi_{1}^{2}$
58886	1068	1012	$\frac{3}{92}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{1012}\ \Phi_{506}\ \Phi_{253}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{23}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
58887	1068	352	$\frac{3}{88}$	$\frac{1}{11}$	$\frac{85}{352}$	$\frac{5}{11}$	$\Phi_{352}^{4}\ \Phi_{176}^{4}\ \Phi_{32}^{4}\ \Phi_{16}^{4}\ \Phi_{11}\ \Phi_{1}^{2}$
58888	1068	110	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{21}{110}$	$\frac{5}{11}$	$\Phi_{110}^{12}\ \Phi_{55}^{12}\ \Phi_{11}\ \Phi_{10}^{12}\ \Phi_{5}^{12}\ \Phi_{1}^{2}$
58889	1068	187	$\frac{9}{187}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{187}^{6}\ \Phi_{17}^{6}\ \Phi_{11}\ \Phi_{1}^{2}$
58890	1068	286	$\frac{19}{286}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{286}^{4}\ \Phi_{143}^{4}\ \Phi_{26}^{4}\ \Phi_{13}^{4}\ \Phi_{11}\ \Phi_{1}^{2}$
58891	1068	308	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{41}{308}$	$\frac{5}{11}$	$\Phi_{308}^{4}\ \Phi_{154}^{4}\ \Phi_{77}^{4}\ \Phi_{28}^{4}\ \Phi_{14}^{4}\ \Phi_{11}\ \Phi_{7}^{4}\ \Phi_{1}^{2}$
58892	1068	1056	$\frac{7}{96}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}^{2}\ \Phi_{66}\ \Phi_{48}^{2}\ \Phi_{33}\ \Phi_{32}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
58893	1068	99	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{5}{11}$	$\Phi_{99}^{12}\ \Phi_{33}^{12}\ \Phi_{11}\ \Phi_{9}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{2}$
58894	1068	2106	$\frac{1}{13}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{162}$	$\Phi_{2106}\ \Phi_{702}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
58895	1068	1300	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{9}{20}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{325}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
58896	1068	2080	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{160}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
58897	1068	97	$\frac{8}{97}$	$\frac{9}{97}$	$\frac{11}{97}$	$\frac{43}{97}$	$\Phi_{97}^{11}\ \Phi_{1}^{12}$
58898	1068	364	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{364}^{4}\ \Phi_{182}^{4}\ \Phi_{52}^{4}\ \Phi_{28}^{3}\ \Phi_{26}^{4}\ \Phi_{14}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
58899	1068	97	$\frac{7}{97}$	$\frac{8}{97}$	$\frac{15}{97}$	$\frac{41}{97}$	$\Phi_{97}^{11}\ \Phi_{1}^{12}$
58900	1068	154	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{12}{77}$	$\frac{65}{154}$	$\Phi_{154}^{12}\ \Phi_{77}^{2}\ \Phi_{22}^{12}\ \Phi_{14}^{12}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{2}^{12}\ \Phi_{1}^{2}$
58901	1068	612	$\frac{1}{51}$	$\frac{25}{153}$	$\frac{1}{4}$	$\frac{64}{153}$	$\Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{204}^{3}\ \Phi_{102}^{3}\ \Phi_{68}^{3}\ \Phi_{36}^{2}\ \Phi_{34}^{3}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
58902	1068	1248	$\frac{7}{96}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{104}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
58903	1068	1950	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{14}{75}$	$\frac{61}{150}$	$\Phi_{1950}\ \Phi_{650}\ \Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}$
58904	1068	90	$\frac{1}{90}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{90}^{12}\ \Phi_{45}^{12}\ \Phi_{30}^{12}\ \Phi_{18}^{12}\ \Phi_{15}^{11}\ \Phi_{10}^{12}\ \Phi_{9}^{12}\ \Phi_{6}^{12}\ \Phi_{5}^{12}\ \Phi_{3}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
58905	1068	590	$\frac{1}{59}$	$\frac{1}{5}$	$\frac{29}{118}$	$\frac{2}{5}$	$\Phi_{590}^{2}\ \Phi_{295}\ \Phi_{118}^{4}\ \Phi_{59}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
58906	1068	291	$\frac{1}{97}$	$\frac{65}{291}$	$\frac{32}{97}$	$\frac{113}{291}$	$\Phi_{291}^{3}\ \Phi_{97}^{5}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
58907	1068	1170	$\frac{1}{90}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{130}\ \Phi_{117}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}$
58908	1068	1872	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{17}{72}$	$\frac{55}{144}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{234}\ \Phi_{208}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
58909	1068	388	$\frac{1}{97}$	$\frac{24}{97}$	$\frac{121}{388}$	$\frac{73}{194}$	$\Phi_{388}^{4}\ \Phi_{97}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
58910	1068	1284	$\frac{1}{107}$	$\frac{53}{214}$	$\frac{1}{3}$	$\frac{161}{428}$	$\Phi_{1284}^{2}\ \Phi_{321}\ \Phi_{12}^{2}$
58911	1068	1360	$\frac{5}{272}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
58912	1068	670	$\frac{1}{67}$	$\frac{1}{5}$	$\frac{22}{67}$	$\frac{45}{134}$	$\Phi_{670}^{3}\ \Phi_{335}\ \Phi_{10}^{3}$
58913	1068	1067	$\frac{8}{1067}$	$\frac{353}{1067}$	$\frac{355}{1067}$	$\frac{357}{1067}$	$\Phi_{1067}\ \Phi_{97}\ \Phi_{11}\ \Phi_{1}^{2}$
58914	1068	1605	$\frac{4}{535}$	$\frac{177}{535}$	$\frac{1}{3}$	$\frac{179}{535}$	$\Phi_{1605}\ \Phi_{321}\ \Phi_{15}$
58915	1068	399	$\frac{1}{133}$	$\frac{44}{133}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{399}^{2}\ \Phi_{133}^{4}\ \Phi_{57}^{2}\ \Phi_{21}^{2}\ \Phi_{19}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
58916	1068	180	$\frac{1}{90}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{180}^{8}\ \Phi_{90}^{4}\ \Phi_{60}^{8}\ \Phi_{45}^{4}\ \Phi_{36}^{8}\ \Phi_{30}^{4}\ \Phi_{20}^{8}\ \Phi_{18}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{7}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{3}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
58917	1068	273	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{273}^{3}\ \Phi_{91}^{6}\ \Phi_{39}^{3}\ \Phi_{21}^{2}\ \Phi_{13}^{6}\ \Phi_{7}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
58918	1068	912	$\frac{1}{38}$	$\frac{37}{304}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}^{2}\ \Phi_{228}\ \Phi_{152}^{2}\ \Phi_{76}^{2}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{12}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
58919	1068	840	$\frac{13}{280}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}^{2}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}^{2}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^{2}\ \Phi_{60}\ \Phi_{56}^{2}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
58920	1068	285	$\frac{1}{19}$	$\frac{6}{95}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{285}^{3}\ \Phi_{95}^{6}\ \Phi_{57}^{2}\ \Phi_{19}^{4}\ \Phi_{15}^{3}\ \Phi_{5}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
58921	1068	2124	$\frac{2}{177}$	$\frac{1}{4}$	$\frac{175}{531}$	$\frac{1}{3}$	$\Phi_{2124}\ \Phi_{1062}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
58922	1068	795	$\frac{4}{265}$	$\frac{1}{5}$	$\frac{87}{265}$	$\frac{1}{3}$	$\Phi_{795}^{2}\ \Phi_{159}^{2}\ \Phi_{15}^{3}\ \Phi_{3}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
58923	1068	924	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{43}{132}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{84}\ \Phi_{77}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{7}^2$
58924	1068	708	$\frac{1}{59}$	$\frac{29}{118}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{708}^3\ \Phi_{354}\ \Phi_{177}^2\ \Phi_{12}^4\ \Phi_{6}^2\ \Phi_{3}^2$
58925	1068	1932	$\frac{3}{92}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{483}\ \Phi_{21}$
58926	1068	2310	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{21}{110}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{210}\ \Phi_{105}\ \Phi_{21}$
58927	1068	321	$\frac{5}{107}$	$\frac{17}{107}$	$\frac{18}{107}$	$\frac{1}{3}$	$\Phi_{321}^5\ \Phi_{3}^4$
58928	1068	672	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{7}^2$
58929	1068	693	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{231}\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_{7}^2$
58930	1068	1836	$\frac{1}{51}$	$\frac{103}{459}$	$\frac{1}{4}$	$\frac{50}{153}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{204}\ \Phi_{108}\ \Phi_{102}\ \Phi_{68}\ \Phi_{54}\ \Phi_{34}\ \Phi_{12}\ \Phi_{6}$
58931	1068	132	$\frac{1}{44}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{43}{132}$	$\Phi_{132}^{12}\ \Phi_{66}^{12}\ \Phi_{33}^{12}\ \Phi_{12}^{12}\ \Phi_{11}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^2$
58932	1068	660	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{43}{132}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{165}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}\ \Phi_{15}^3\ \Phi_{10}$
58933	1068	2100	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{169}{525}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
58934	1068	231	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{53}{231}$	$\frac{24}{77}$	$\Phi_{231}^6\ \Phi_{77}^2\ \Phi_{33}^6\ \Phi_{21}^6\ \Phi_{11}\ \Phi_{7}^2\ \Phi_{3}^6\ \Phi_{1}^2$
58935	1068	1020	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{1}{4}$	$\frac{77}{255}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}\ \Phi_{60}^2\ \Phi_{34}\ \Phi_{30}^2\ \Phi_{12}^2\ \Phi_{6}^2$
58936	1068	97	$\frac{8}{97}$	$\frac{10}{97}$	$\frac{17}{97}$	$\frac{29}{97}$	$\Phi_{97}^{11}\ \Phi_{1}^{12}$
58937	1068	1404	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
58938	1068	252	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{1}{4}$	$\frac{37}{126}$	$\Phi_{252}^8\ \Phi_{126}^4\ \Phi_{84}\ \Phi_{63}^4\ \Phi_{42}\ \Phi_{36}^8\ \Phi_{28}\ \Phi_{18}^4\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}^4\ \Phi_{6}$
58939	1068	1638	$\frac{1}{13}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{126}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
58940	1068	1012	$\frac{3}{92}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{1012}\ \Phi_{506}\ \Phi_{253}\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{11}\ \Phi_{1}^2$
58941	1068	110	$\frac{1}{22}$	$\frac{2}{11}$	$\frac{21}{110}$	$\frac{3}{11}$	$\Phi_{110}^{12}\ \Phi_{55}^{12}\ \Phi_{11}\ \Phi_{10}^{12}\ \Phi_{5}^{12}\ \Phi_{1}^2$
58942	1068	1056	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}^2\ \Phi_{66}\ \Phi_{48}^2\ \Phi_{33}\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
58943	1068	99	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{99}^{12}\ \Phi_{33}^{12}\ \Phi_{11}\ \Phi_{9}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^2$
58944	1068	1560	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}$
58945	1068	97	$\frac{8}{97}$	$\frac{9}{97}$	$\frac{22}{97}$	$\frac{25}{97}$	$\Phi_{97}^{11}\ \Phi_{1}^{12}$
58946	1068	460	$\frac{3}{92}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{460}^3\ \Phi_{230}^3\ \Phi_{115}^3\ \Phi_{20}\ \Phi_{10}$
58947	1068	1760	$\frac{3}{88}$	$\frac{1}{5}$	$\frac{85}{352}$	$\frac{1}{4}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{160}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
58948	1068	420	$\frac{1}{21}$	$\frac{16}{105}$	$\frac{5}{21}$	$\frac{1}{4}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{84}\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}\ \Phi_{30}^4\ \Phi_{28}\ \Phi_{20}^4\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}^4\ \Phi_{6}$
58949	1068	204	$\frac{1}{17}$	$\frac{13}{102}$	$\frac{4}{17}$	$\frac{1}{4}$	$\Phi_{204}^8\ \Phi_{102}^4\ \Phi_{68}^5\ \Phi_{51}^4\ \Phi_{34}\ \Phi_{17}^4\ \Phi_{12}^8\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{1}^4$
58950	1068	220	$\frac{1}{22}$	$\frac{21}{110}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{220}^6\ \Phi_{110}^3\ \Phi_{55}^3\ \Phi_{44}^8\ \Phi_{22}^4\ \Phi_{20}^7\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{4}^8\ \Phi_{2}^4\ \Phi_{1}^4$
58951	1068	1540	$\frac{3}{44}$	$\frac{41}{308}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
58952	1068	480	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}\ \Phi_{15}^3\ \Phi_{10}$
58953	1068	1980	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{330}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
58954	1068	1700	$\frac{1}{17}$	$\frac{69}{425}$	$\frac{16}{85}$	$\frac{1}{4}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{100}\ \Phi_{68}\ \Phi_{50}\ \Phi_{34}$
58955	1068	1540	$\frac{29}{385}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{110}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}$
58956	1068	420	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{105}$	$\frac{1}{4}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^2\ \Phi_{84}^4\ \Phi_{70}^2\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{14}^3\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_{6}^4\ \Phi_{4}^2\ \Phi_{2}^2$
58957	1069	2128	$\frac{5}{1064}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1059}{2128}$	$\Phi_{2128}\ \Phi_{304}\ \Phi_{112}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
58958	1069	1428	$\frac{2}{357}$	$\frac{359}{1428}$	$\frac{1}{3}$	$\frac{355}{714}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{357}\ \Phi_{204}\ \Phi_{119}\ \Phi_{84}\ \Phi_{68}\ \Phi_{51}\ \Phi_{28}\ \Phi_{21}\ \Phi_{17}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
58959	1069	2124	$\frac{7}{1062}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1055}{2124}$	$\Phi_{2124}\ \Phi_{708}\ \Phi_{236}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
58960	1069	2112	$\frac{13}{1056}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1043}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{64}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
58961	1069	2112	$\frac{13}{1056}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1043}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{64}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
58962	1069	1224	$\frac{2}{153}$	$\frac{155}{1224}$	$\frac{1}{3}$	$\frac{151}{306}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{204}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
58963	1069	2100	$\frac{19}{1050}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1031}{2100}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{60}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
58964	1069	2088	$\frac{25}{1044}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1019}{2088}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{232}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
58965	1069	1440	$\frac{11}{360}$	$\frac{1}{12}$	$\frac{371}{1440}$	$\frac{349}{720}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
58966	1069	1134	$\frac{2}{63}$	$\frac{65}{1134}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{162}\ \Phi_{81}\ \Phi_{63}\ \Phi_{54}\ \Phi_{27}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
58967	1069	1122	$\frac{2}{51}$	$\frac{53}{1122}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{374}\ \Phi_{187}\ \Phi_{66}\ \Phi_{51}\ \Phi_{33}\ \Phi_{22}\ \Phi_{17}\ \Phi_{11}\ \Phi_{1}$
58968	1069	2040	$\frac{2}{51}$	$\frac{49}{1020}$	$\frac{1}{3}$	$\frac{971}{2040}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{136}\ \Phi_{120}\ \Phi_{51}\ \Phi_{40}\ \Phi_{24}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
58969	1069	2040	$\frac{49}{1020}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{971}{2040}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{136}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
58970	1069	1296	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{227}{1296}$	$\frac{205}{432}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
58971	1069	2016	$\frac{2}{63}$	$\frac{61}{1008}$	$\frac{1}{3}$	$\frac{947}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{63}\ \Phi_{32}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
58972	1069	2016	$\frac{61}{1008}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{947}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
58973	1069	1584	$\frac{13}{528}$	$\frac{1}{12}$	$\frac{515}{1584}$	$\frac{11}{24}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{144}\ \Phi_{99}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
58974	1069	1104	$\frac{35}{1104}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{8}\ \Phi_{1}$
58975	1069	1320	$\frac{13}{264}$	$\frac{1}{12}$	$\frac{251}{1320}$	$\frac{11}{24}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
58976	1069	1152	$\frac{83}{1152}$	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{11}{24}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
58977	1069	1200	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{131}{1200}$	$\frac{109}{240}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
58978	1069	1092	$\frac{23}{1092}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{28}\ \Phi_{26}\ \Phi_{21}\ \Phi_{13}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
58979	1069	1944	$\frac{1}{12}$	$\frac{97}{972}$	$\frac{11}{108}$	$\frac{875}{1944}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
58980	1069	1920	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{109}{960}$	$\frac{851}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
58981	1069	1152	$\frac{83}{1152}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{144}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
58982	1069	1836	$\frac{2}{153}$	$\frac{151}{918}$	$\frac{1}{3}$	$\frac{767}{1836}$	$\Phi_{1836}\ \Phi_{612}\ \Phi_{204}\ \Phi_{153}\ \Phi_{108}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{17}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
58983	1069	1088	$\frac{19}{1088}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1088}\ \Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{64}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
58984	1069	1800	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{169}{900}$	$\frac{731}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
58985	1069	1080	$\frac{11}{1080}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
58986	1069	1728	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{205}{864}$	$\frac{659}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
58987	1069	1216	$\frac{5}{152}$	$\frac{147}{1216}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{304}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
58988	1069	1120	$\frac{51}{1120}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
58989	1069	1608	$\frac{3}{268}$	$\frac{1}{4}$	$\frac{265}{804}$	$\frac{539}{1608}$	$\Phi_{1608}\ \Phi_{536}\ \Phi_{268}\ \Phi_{134}\ \Phi_{67}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
58990	1069	1377	$\frac{2}{153}$	$\frac{308}{1377}$	$\frac{151}{459}$	$\frac{1}{3}$	$\Phi_{1377}\ \Phi_{153}\ \Phi_{81}\ \Phi_{51}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
58991	1069	1593	$\frac{7}{531}$	$\frac{2}{9}$	$\frac{524}{1593}$	$\frac{1}{3}$	$\Phi_{1593}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
58992	1069	1575	$\frac{19}{525}$	$\frac{2}{21}$	$\frac{506}{1575}$	$\frac{1}{3}$	$\Phi_{1575}\ \Phi_{315}\ \Phi_{225}\ \Phi_{63}\ \Phi_{45}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
58993	1069	1530	$\frac{2}{51}$	$\frac{49}{510}$	$\frac{461}{1530}$	$\frac{1}{3}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{306}\ \Phi_{153}\ \Phi_{90}\ \Phi_{51}\ \Phi_{45}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
58994	1069	1512	$\frac{2}{63}$	$\frac{61}{504}$	$\frac{443}{1512}$	$\frac{1}{3}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{108}\ \Phi_{63}\ \Phi_{54}\ \Phi_{27}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
58995	1069	1260	$\frac{2}{63}$	$\frac{191}{1260}$	$\frac{61}{252}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
58996	1069	1224	$\frac{2}{51}$	$\frac{155}{1224}$	$\frac{49}{204}$	$\frac{1}{3}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}\ \Phi_{51}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
58997	1069	1275	$\frac{2}{51}$	$\frac{206}{1275}$	$\frac{49}{255}$	$\frac{1}{3}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{75}\ \Phi_{51}\ \Phi_{25}\ \Phi_{17}\ \Phi_{1}$
58998	1069	1155	$\frac{86}{1155}$	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{77}\ \Phi_{55}\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
58999	1069	1260	$\frac{19}{210}$	$\frac{2}{21}$	$\frac{191}{1260}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
59000	1069	1584	$\frac{13}{528}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{515}{1584}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{144}\ \Phi_{99}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
59001	1069	1296	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{227}{1296}$	$\frac{97}{324}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
59002	1069	1512	$\frac{1}{12}$	$\frac{61}{504}$	$\frac{11}{72}$	$\frac{443}{1512}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
59003	1069	1104	$\frac{35}{1104}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
59004	1069	1440	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{109}{480}$	$\frac{371}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
59005	1069	1408	$\frac{13}{352}$	$\frac{3}{16}$	$\frac{339}{1408}$	$\frac{1}{4}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
59006	1069	1152	$\frac{83}{1152}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
59007	1069	1232	$\frac{13}{176}$	$\frac{163}{1232}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{112}\ \Phi_{77}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
59008	1070	1704	$\frac{1}{213}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{106}{213}$	$\Phi_{1704}\ \Phi_{568}\ \Phi_{213}\ \Phi_{71}\ \Phi_{24}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
59009	1070	3192	$\frac{3}{532}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{529}{1064}$	$\Phi_{3192}\ \Phi_{456}\ \Phi_{168}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
59010	1070	1908	$\frac{1}{106}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{105}{212}$	$\Phi_{1908}\ \Phi_{636}\ \Phi_{212}^2\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
59011	1070	636	$\frac{1}{106}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{105}{212}$	$\Phi_{636}^3\ \Phi_{212}^4\ \Phi_{12}^3\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
59012	1070	1056	$\frac{7}{528}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{521}{1056}$	$\Phi_{1056}^2\ \Phi_{352}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
59013	1070	2310	$\frac{2}{105}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{103}{210}$	$\Phi_{2310}\ \Phi_{770}\ \Phi_{462}\ \Phi_{330}\ \Phi_{154}\ \Phi_{110}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
59014	1070	210	$\frac{2}{105}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{103}{210}$	$\Phi_{210}^4\ \Phi_{105}^6\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^6\ \Phi_{30}^5\ \Phi_{21}^6\ \Phi_{15}^7\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_{7}^6\ \Phi_{6}^4\ \Phi_{5}^6\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
59015	1070	258	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{22}{129}$	$\frac{21}{43}$	$\Phi_{258}^5\ \Phi_{129}^3\ \Phi_{86}^5\ \Phi_{43}^4\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
59016	1070	1584	$\frac{1}{36}$	$\frac{1}{11}$	$\frac{37}{144}$	$\frac{35}{72}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
59017	1070	2288	$\frac{3}{104}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{101}{208}$	$\Phi_{2288}\ \Phi_{176}\ \Phi_{44}\ \Phi_{22}$
59018	1070	2244	$\frac{5}{102}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{97}{204}$	$\Phi_{2244}\ \Phi_{748}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
59019	1070	198	$\frac{8}{99}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{91}{198}$	$\Phi_{198}^{10}\ \Phi_{99}\ \Phi_{66}^{10}\ \Phi_{33}\ \Phi_{22}^{10}\ \Phi_{18}^{10}\ \Phi_{6}^{10}\ \Phi_{2}^{10}$
59020	1070	1320	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{13}{120}$	$\frac{11}{24}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
59021	1070	477	$\frac{1}{53}$	$\frac{1}{9}$	$\frac{52}{159}$	$\frac{4}{9}$	$\Phi_{477}^2\ \Phi_{159}^3\ \Phi_{53}^2\ \Phi_{9}^3\ \Phi_{3}^4\ \Phi_{1}^4$
59022	1070	2112	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{96}$	$\frac{85}{192}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
59023	1070	1632	$\frac{9}{544}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{96}\ \Phi_{51}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
59024	1070	2814	$\frac{1}{67}$	$\frac{66}{469}$	$\frac{1}{3}$	$\frac{403}{938}$	$\Phi_{2814}\ \Phi_{402}\ \Phi_{201}\ \Phi_{42}\ \Phi_{6}$
59025	1070	1980	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{17}{90}$	$\frac{73}{180}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
59026	1070	330	$\frac{3}{110}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{330}^{4}\ \Phi_{165}^{4}\ \Phi_{110}^{2}\ \Phi_{66}^{4}\ \Phi_{55}^{2}\ \Phi_{33}^{4}\ \Phi_{30}^{3}\ \Phi_{22}^{2}\ \Phi_{15}^{3}\ \Phi_{11}^{2}\ \Phi_{10}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
59027	1070	516	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{21}{86}$	$\frac{65}{172}$	$\Phi_{516}^{4}\ \Phi_{258}\ \Phi_{172}^{2}\ \Phi_{129}\ \Phi_{86}\ \Phi_{12}^{4}\ \Phi_{4}^{2}$
59028	1070	216	$\frac{1}{108}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{216}^{8}\ \Phi_{108}^{2}\ \Phi_{72}^{8}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{24}^{7}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{8}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
59029	1070	568	$\frac{1}{71}$	$\frac{35}{142}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{568}^{3}\ \Phi_{142}^{2}\ \Phi_{71}\ \Phi_{8}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
59030	1070	1232	$\frac{5}{112}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{176}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}$
59031	1070	1782	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{26}{81}$	$\frac{55}{162}$	$\Phi_{1782}\ \Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
59032	1070	804	$\frac{1}{134}$	$\frac{133}{402}$	$\frac{1}{3}$	$\frac{269}{804}$	$\Phi_{804}^{2}\ \Phi_{402}\ \Phi_{268}^{2}\ \Phi_{201}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}^{2}$
59033	1070	318	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{52}{159}$	$\frac{1}{3}$	$\Phi_{318}^{4}\ \Phi_{159}^{3}\ \Phi_{106}^{4}\ \Phi_{53}^{2}\ \Phi_{6}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{4}$
59034	1070	792	$\frac{7}{264}$	$\frac{1}{8}$	$\frac{257}{792}$	$\frac{1}{3}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{24}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{6}$
59035	1070	552	$\frac{17}{552}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{552}^{2}\ \Phi_{276}^{2}\ \Phi_{184}^{2}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{24}\ \Phi_{23}^{2}\ \Phi_{12}\ \Phi_{6}$
59036	1070	1824	$\frac{3}{76}$	$\frac{73}{608}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{456}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
59037	1070	336	$\frac{5}{112}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^{5}\ \Phi_{168}^{5}\ \Phi_{84}^{4}\ \Phi_{48}^{5}\ \Phi_{42}^{4}\ \Phi_{24}^{5}\ \Phi_{21}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
59038	1070	2112	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{169}{704}$	$\frac{1}{3}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{192}\ \Phi_{96}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
59039	1070	402	$\frac{2}{67}$	$\frac{13}{67}$	$\frac{27}{134}$	$\frac{1}{3}$	$\Phi_{402}^{5}\ \Phi_{201}^{3}\ \Phi_{6}^{5}\ \Phi_{3}^{2}$
59040	1070	1386	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{19}{126}$	$\frac{1}{3}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{198}\ \Phi_{154}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
59041	1070	576	$\frac{41}{576}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{576}^{2}\ \Phi_{288}^{2}\ \Phi_{192}^{2}\ \Phi_{144}^{2}\ \Phi_{96}^{2}\ \Phi_{72}^{2}\ \Phi_{64}^{2}\ \Phi_{36}^{2}\ \Phi_{32}^{2}\ \Phi_{24}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{6}$
59042	1070	1320	$\frac{1}{11}$	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{132}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
59043	1070	1848	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{81}{616}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{231}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
59044	1070	630	$\frac{4}{105}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{101}{315}$	$\Phi_{630}^{3}\ \Phi_{315}^{2}\ \Phi_{126}^{3}\ \Phi_{90}^{3}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{30}\ \Phi_{18}^{3}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}^{2}$
59045	1070	1716	$\frac{3}{52}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{49}{156}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{429}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
59046	1070	450	$\frac{11}{225}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{450}^{3}\ \Phi_{225}^{2}\ \Phi_{150}^{3}\ \Phi_{90}^{3}\ \Phi_{75}^{2}\ \Phi_{50}^{3}\ \Phi_{45}^{2}\ \Phi_{30}\ \Phi_{25}^{2}\ \Phi_{18}^{3}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}^{2}$
59047	1070	1584	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{48}$	$\frac{37}{144}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
59048	1070	420	$\frac{2}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{33}{140}$	$\Phi_{420}^{4}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{4}\ \Phi_{60}^{4}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
59049	1070	120	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{120}^{10}\ \Phi_{60}^{10}\ \Phi_{40}^{10}\ \Phi_{30}^{5}\ \Phi_{24}^{10}\ \Phi_{20}^{10}\ \Phi_{15}^{7}\ \Phi_{12}^{10}\ \Phi_{10}^{5}\ \Phi_{8}^{10}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{10}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
59050	1070	1470	$\frac{4}{35}$	$\frac{31}{245}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{294}\ \Phi_{147}\ \Phi_{98}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
59051	1071	1712	$\frac{1}{214}$	$\frac{215}{856}$	$\frac{641}{1712}$	$\frac{213}{428}$	$\Phi_{1712}\ \Phi_{428}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
59052	1071	912	$\frac{1}{152}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{151}{304}$	$\Phi_{912}^{2}\ \Phi_{304}^{3}\ \Phi_{48}^{2}\ \Phi_{16}^{3}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
59053	1071	2736	$\frac{1}{152}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{151}{304}$	$\Phi_{2736}\ \Phi_{304}\ \Phi_{144}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
59054	1071	944	$\frac{1}{118}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{117}{236}$	$\Phi_{944}^{2}\ \Phi_{236}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
59055	1071	236	$\frac{1}{118}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{117}{236}$	$\Phi_{236}^{5}\ \Phi_{118}^{4}\ \Phi_{59}^{4}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
59056	1071	2120	$\frac{11}{1060}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1049}{2120}$	$\Phi_{2120}\ \Phi_{424}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
59057	1071	992	$\frac{1}{62}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{61}{124}$	$\Phi_{992}^{2}\ \Phi_{124}\ \Phi_{32}^{3}\ \Phi_{4}\ \Phi_{1}$
59058	1071	744	$\frac{1}{62}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{61}{124}$	$\Phi_{744}^{2}\ \Phi_{372}^{2}\ \Phi_{186}^{2}\ \Phi_{124}\ \Phi_{93}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
59059	1071	620	$\frac{1}{62}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{61}{124}$	$\Phi_{620}^{2}\ \Phi_{310}^{2}\ \Phi_{155}^{2}\ \Phi_{124}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
59060	1071	1170	$\frac{2}{117}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{115}{234}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{117}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{13}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
59061	1071	430	$\frac{4}{215}$	$\frac{73}{430}$	$\frac{1}{5}$	$\frac{211}{430}$	$\Phi_{430}^{2}\ \Phi_{215}^{3}\ \Phi_{86}^{2}\ \Phi_{43}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
59062	1071	200	$\frac{1}{50}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{49}{100}$	$\Phi_{200}^{10}\ \Phi_{100}\ \Phi_{40}^{11}\ \Phi_{20}\ \Phi_{8}^{11}\ \Phi_{4}\ \Phi_{1}$
59063	1071	100	$\frac{1}{50}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{49}{100}$	$\Phi_{100}^{21}\ \Phi_{20}^{21}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{21}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
59064	1071	200	$\frac{1}{50}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{49}{100}$	$\Phi_{200}^{6}\ \Phi_{100}^{5}\ \Phi_{50}^{4}\ \Phi_{40}^{6}\ \Phi_{25}^{4}\ \Phi_{20}^{5}\ \Phi_{10}^{4}\ \Phi_{8}^{9}\ \Phi_{5}^{4}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
59065	1071	100	$\frac{1}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{49}{100}$	$\Phi_{100}^{21}\ \Phi_{25}\ \Phi_{20}^{21}\ \Phi_{4}^{21}\ \Phi_{1}$
59066	1071	160	$\frac{1}{40}$	$\frac{1}{10}$	$\frac{41}{160}$	$\frac{39}{80}$	$\Phi_{160}^{9}\ \Phi_{40}^{9}\ \Phi_{32}^{9}\ \Phi_{20}^{9}\ \Phi_{10}^{8}\ \Phi_{8}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
59067	1071	1160	$\frac{3}{116}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{113}{232}$	$\Phi_{1160}^{2}\ \Phi_{232}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
59068	1071	2080	$\frac{31}{1040}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1009}{2080}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
59069	1071	230	$\frac{4}{115}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{111}{230}$	$\Phi_{230}^{4}\ \Phi_{115}^{5}\ \Phi_{46}^{4}\ \Phi_{23}^{5}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
59070	1071	392	$\frac{2}{49}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{47}{98}$	$\Phi_{392}^{3}\ \Phi_{196}^{3}\ \Phi_{56}^{4}\ \Phi_{49}^{3}\ \Phi_{28}^{4}\ \Phi_{14}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
59071	1071	720	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{25}{144}$	$\frac{23}{48}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{144}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{72}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
59072	1071	1140	$\frac{5}{114}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{109}{228}$	$\Phi_{1140}^{2}\ \Phi_{380}^{2}\ \Phi_{228}\ \Phi_{76}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
59073	1071	176	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{23}{176}$	$\frac{21}{44}$	$\Phi_{176}^{7}\ \Phi_{88}^{5}\ \Phi_{44}^{6}\ \Phi_{22}^{5}\ \Phi_{16}^{7}\ \Phi_{11}^{5}\ \Phi_{8}^{4}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
59074	1071	200	$\frac{1}{25}$	$\frac{1}{20}$	$\frac{8}{25}$	$\frac{19}{40}$	$\Phi_{200}^{10}\ \Phi_{40}^{11}\ \Phi_{25}^{2}\ \Phi_{8}^{11}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
59075	1071	360	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{360}^{6}\ \Phi_{120}^{6}\ \Phi_{72}^{6}\ \Phi_{40}^{3}\ \Phi_{36}^{2}\ \Phi_{24}^{6}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
59076	1071	440	$\frac{1}{20}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{440}^{5}\ \Phi_{88}^{5}\ \Phi_{55}\ \Phi_{40}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
59077	1071	40	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{19}{40}$	$\Phi_{40}^{51}\ \Phi_{20}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{51}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
59078	1071	992	$\frac{1}{31}$	$\frac{1}{16}$	$\frac{10}{31}$	$\frac{15}{32}$	$\Phi_{992}^{2}\ \Phi_{32}^{3}\ \Phi_{31}^{2}\ \Phi_{1}^{3}$
59079	1071	352	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{352}^{6}\ \Phi_{44}^{2}\ \Phi_{32}^{3}\ \Phi_{22}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
59080	1071	992	$\frac{1}{16}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{15}{32}$	$\Phi_{992}^{2}\ \Phi_{32}^{3}\ \Phi_{31}^{2}\ \Phi_{1}^{3}$
59081	1071	160	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{15}{32}$	$\Phi_{160}^{14}\ \Phi_{40}^{2}\ \Phi_{32}^{7}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
59082	1071	1144	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{133}{286}$	$\Phi_{1144}\ \Phi_{572}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}^{2}\ \Phi_{52}\ \Phi_{44}^{2}\ \Phi_{22}\ \Phi_{13}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
59083	1071	56	$\frac{1}{14}$	$\frac{5}{56}$	$\frac{1}{8}$	$\frac{13}{28}$	$\Phi_{56}^{19}\ \Phi_{28}^{20}\ \Phi_{14}^{19}\ \Phi_{8}^{18}\ \Phi_{7}^{19}\ \Phi_{4}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
59084	1071	400	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{43}{400}$	$\frac{37}{80}$	$\Phi_{400}^{3}\ \Phi_{200}^{3}\ \Phi_{100}^{3}\ \Phi_{50}^{3}\ \Phi_{40}^{3}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
59085	1071	220	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{101}{220}$	$\Phi_{220}^{9}\ \Phi_{44}^{9}\ \Phi_{20}^{9}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
59086	1071	280	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{8}$	$\frac{127}{280}$	$\Phi_{280}^{3}\ \Phi_{140}^{4}\ \Phi_{70}^{4}\ \Phi_{56}^{5}\ \Phi_{40}^{3}\ \Phi_{35}^{4}\ \Phi_{28}^{6}\ \Phi_{20}^{4}\ \Phi_{14}^{5}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{5}\ \Phi_{5}^{4}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
59087	1071	1080	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{108}$	$\frac{97}{216}$	$\Phi_{1080}^{2}\ \Phi_{360}^{2}\ \Phi_{216}\ \Phi_{120}^{2}\ \Phi_{72}\ \Phi_{60}^{2}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
59088	1071	640	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{37}{320}$	$\frac{283}{640}$	$\Phi_{640}^{3}\ \Phi_{128}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
59089	1071	2832	$\frac{1}{59}$	$\frac{1}{8}$	$\frac{58}{177}$	$\frac{7}{16}$	$\Phi_{2832}\ \Phi_{177}\ \Phi_{48}\ \Phi_{16}\ \Phi_{3}\ \Phi_{1}$
59090	1071	944	$\frac{3}{59}$	$\frac{1}{8}$	$\frac{8}{59}$	$\frac{7}{16}$	$\Phi_{944}^{2}\ \Phi_{59}^{2}\ \Phi_{16}^{3}\ \Phi_{1}^{3}$
59091	1071	144	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{144}^{14}\ \Phi_{72}^{2}\ \Phi_{48}^{14}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}\ \Phi_{16}^{7}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
59092	1071	640	$\frac{9}{128}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{640}^{2}\ \Phi_{320}^{2}\ \Phi_{160}^{2}\ \Phi_{128}\ \Phi_{64}\ \Phi_{40}^{2}\ \Phi_{32}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
59093	1071	960	$\frac{1}{64}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}^{2}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}^{2}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}^{2}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
59094	1071	30	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{13}{30}$	$\Phi_{30}^{33}\ \Phi_{15}^{39}\ \Phi_{10}^{32}\ \Phi_{6}^{33}\ \Phi_{5}^{38}\ \Phi_{3}^{39}\ \Phi_{2}^{32}\ \Phi_{1}^{39}$
59095	1071	88	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{7}{44}$	$\frac{37}{88}$	$\Phi_{88}^{11}\ \Phi_{44}^{14}\ \Phi_{22}^{13}\ \Phi_{11}^{13}\ \Phi_{8}^{10}\ \Phi_{4}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
59096	1071	1100	$\frac{29}{1100}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{220}\ \Phi_{110}\ \Phi_{100}\ \Phi_{55}\ \Phi_{44}\ \Phi_{25}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
59097	1071	228	$\frac{1}{76}$	$\frac{1}{6}$	$\frac{25}{76}$	$\frac{5}{12}$	$\Phi_{228}^4\ \Phi_{114}^4\ \Phi_{76}^6\ \Phi_{57}^4\ \Phi_{38}^6\ \Phi_{19}^6\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
59098	1071	192	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{192}^6\ \Phi_{96}^6\ \Phi_{64}^5\ \Phi_{48}^6\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^6\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
59099	1071	156	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{156}^6\ \Phi_{78}^6\ \Phi_{52}^9\ \Phi_{39}^6\ \Phi_{26}^9\ \Phi_{13}^9\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
59100	1071	1140	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{37}{190}$	$\frac{5}{12}$	$\Phi_{1140}^2\ \Phi_{380}^2\ \Phi_{190}\ \Phi_{95}\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
59101	1071	480	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^3\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^3\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
59102	1071	228	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{228}^8\ \Phi_{76}^8\ \Phi_{19}^8\ \Phi_{12}^9\ \Phi_4^9\ \Phi_1^9$
59103	1071	180	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{180}^{12}\ \Phi_{90}^2\ \Phi_{60}^{10}\ \Phi_{45}^2\ \Phi_{36}^6\ \Phi_{30}^2\ \Phi_{20}^{10}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}^5\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4^5\ \Phi_3\ \Phi_1$
59104	1071	200	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{19}{100}$	$\frac{81}{200}$	$\Phi_{200}^9\ \Phi_{40}^9\ \Phi_{20}^9\ \Phi_{10}^8\ \Phi_8^9\ \Phi_5^8\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
59105	1071	355	$\frac{4}{355}$	$\frac{1}{5}$	$\frac{117}{355}$	$\frac{2}{5}$	$\Phi_{355}^3\ \Phi_{71}^3\ \Phi_5^4\ \Phi_1^5$
59106	1071	160	$\frac{7}{160}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{160}^7\ \Phi_{80}^6\ \Phi_{40}^7\ \Phi_{32}^7\ \Phi_{20}^7\ \Phi_{16}^6\ \Phi_{10}^6\ \Phi_8^7\ \Phi_5^6\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
59107	1071	960	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{23}{96}$	$\frac{73}{192}$	$\Phi_{960}^2\ \Phi_{320}^2\ \Phi_{192}\ \Phi_{120}^2\ \Phi_{64}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
59108	1071	1720	$\frac{4}{215}$	$\frac{1}{5}$	$\frac{211}{860}$	$\frac{649}{1720}$	$\Phi_{1720}\ \Phi_{344}\ \Phi_{215}\ \Phi_{43}\ \Phi_{40}\ \Phi_8\ \Phi_1$
59109	1071	616	$\frac{1}{22}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{56}\ \Phi_{44}^2\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_4\ \Phi_1$
59110	1071	286	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{286}^4\ \Phi_{143}^4\ \Phi_{26}\ \Phi_{22}^3\ \Phi_{13}^3\ \Phi_{11}^3\ \Phi_1^3$
59111	1071	288	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{288}^6\ \Phi_{144}^2\ \Phi_{96}^6\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^3\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
59112	1071	180	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{29}{90}$	$\frac{61}{180}$	$\Phi_{180}^9\ \Phi_{60}^9\ \Phi_{36}^9\ \Phi_{30}^9\ \Phi_{20}^9\ \Phi_{15}^9\ \Phi_{12}^9\ \Phi_{10}^8\ \Phi_6^9\ \Phi_5^8\ \Phi_4^9\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
59113	1071	535	$\frac{4}{535}$	$\frac{177}{535}$	$\frac{178}{535}$	$\frac{179}{535}$	$\Phi_{535}^2\ \Phi_{107}^2\ \Phi_5^2\ \Phi_1^3$
59114	1071	684	$\frac{1}{76}$	$\frac{2}{9}$	$\frac{25}{76}$	$\frac{1}{3}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{36}^2\ \Phi_{19}^2\ \Phi_{18}^2\ \Phi_9^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
59115	1071	468	$\frac{1}{52}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{117}^3\ \Phi_{52}^3\ \Phi_{36}^2\ \Phi_{26}^3\ \Phi_{18}^2\ \Phi_{13}^3\ \Phi_9^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
59116	1071	780	$\frac{2}{39}$	$\frac{1}{10}$	$\frac{37}{156}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
59117	1071	1710	$\frac{1}{38}$	$\frac{37}{190}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{190}\ \Phi_{95}\ \Phi_{90}\ \Phi_{45}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
59118	1071	1440	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
59119	1071	171	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{171}^8\ \Phi_{19}^8\ \Phi_9^9\ \Phi_1^9$
59120	1071	90	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{90}^{13}\ \Phi_{45}^{13}\ \Phi_{30}^{14}\ \Phi_{18}^6\ \Phi_{15}^{14}\ \Phi_{10}^{13}\ \Phi_9^7\ \Phi_6^7\ \Phi_5^{13}\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
59121	1071	708	$\frac{1}{59}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{58}{177}$	$\Phi_{708}^2\ \Phi_{354}^2\ \Phi_{177}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
59122	1071	744	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{10}{31}$	$\Phi_{744}^2\ \Phi_{372}^2\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
59123	1071	620	$\frac{1}{31}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{10}{31}$	$\Phi_{620}^2\ \Phi_{310}^2\ \Phi_{155}^2\ \Phi_{31}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1^3$
59124	1071	50	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{8}{25}$	$\Phi_{50}^{20}\ \Phi_{25}^{22}\ \Phi_{10}^{22}\ \Phi_5^{24}\ \Phi_2^{22}\ \Phi_1^{25}$
59125	1071	200	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{8}{25}$	$\Phi_{200}^6\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{40}^6\ \Phi_{25}^6\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^9\ \Phi_5^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
59126	1071	25	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{8}{25}$	$\Phi_{25}^{43}\ \Phi_5^{42}\ \Phi_1^{43}$
59127	1071	535	$\frac{22}{535}$	$\frac{52}{535}$	$\frac{161}{535}$	$\frac{171}{535}$	$\Phi_{535}^2\ \Phi_{107}^2\ \Phi_5^2\ \Phi_1^3$
59128	1071	88	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{5}{22}$	$\frac{7}{22}$	$\Phi_{88}^{14}\ \Phi_{44}^{14}\ \Phi_{22}^7\ \Phi_{11}^7\ \Phi_8^{13}\ \Phi_4^{13}\ \Phi_2^6\ \Phi_1^7$
59129	1071	535	$\frac{28}{535}$	$\frac{59}{535}$	$\frac{122}{535}$	$\frac{169}{535}$	$\Phi_{535}^2\ \Phi_{107}^2\ \Phi_5^2\ \Phi_1^3$
59130	1071	716	$\frac{19}{358}$	$\frac{35}{358}$	$\frac{1}{4}$	$\frac{113}{358}$	$\Phi_{716}^2\ \Phi_{358}\ \Phi_{179}\ \Phi_4\ \Phi_1$
59131	1071	520	$\frac{31}{520}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{163}{520}$	$\Phi_{520}^2\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{104}^2\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{40}^3\ \Phi_{26}^2\ \Phi_{20}^3\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
59132	1071	720	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{25}{144}$	$\frac{11}{36}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{144}\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
59133	1071	180	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{180}^8\ \Phi_{90}^4\ \Phi_{60}^8\ \Phi_{45}^4\ \Phi_{36}^{10}\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^5\ \Phi_{15}^4\ \Phi_{12}^{10}\ \Phi_{10}^2\ \Phi_9^5\ \Phi_6^5\ \Phi_5^2\ \Phi_4^5\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
59134	1071	110	$\frac{4}{55}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{110}^{10}\ \Phi_{55}^{11}\ \Phi_{22}^{10}\ \Phi_{11}^{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
59135	1071	20	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{3}{10}$	$\Phi_{20}^{63}\ \Phi_{10}^{44}\ \Phi_5^{44}\ \Phi_4^{63}\ \Phi_2^{44}\ \Phi_1^{45}$
59136	1071	400	$\frac{1}{10}$	$\frac{43}{400}$	$\frac{7}{50}$	$\frac{3}{10}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
59137	1071	576	$\frac{1}{18}$	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{64}\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
59138	1071	264	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{264}^6\ \Phi_{132}^6\ \Phi_{66}^6\ \Phi_{44}^2\ \Phi_{33}^6\ \Phi_{24}^3\ \Phi_{22}\ \Phi_{12}^3\ \Phi_{11}\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
59139	1071	744	$\frac{3}{31}$	$\frac{1}{8}$	$\frac{4}{31}$	$\frac{7}{24}$	$\Phi_{744}^2\ \Phi_{372}^2\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
59140	1071	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{120}^{14}\ \Phi_{60}^{14}\ \Phi_{40}^2\ \Phi_{30}^{14}\ \Phi_{24}^7\ \Phi_{20}^2\ \Phi_{15}^{14}\ \Phi_{12}^7\ \Phi_{10}\ \Phi_8\ \Phi_6^7\ \Phi_5\ \Phi_4\ \Phi_3^7\ \Phi_1$
59141	1071	535	$\frac{24}{535}$	$\frac{73}{535}$	$\frac{127}{535}$	$\frac{154}{535}$	$\Phi_{535}^2\ \Phi_{107}^2\ \Phi_5^2\ \Phi_1^3$
59142	1071	716	$\frac{15}{358}$	$\frac{49}{358}$	$\frac{1}{4}$	$\frac{103}{358}$	$\Phi_{716}^2\ \Phi_{358}\ \Phi_{179}\ \Phi_4\ \Phi_1$
59143	1071	56	$\frac{5}{56}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{56}^{19}\ \Phi_{28}^{19}\ \Phi_{14}^{19}\ \Phi_8^{18}\ \Phi_7^{21}\ \Phi_4^{18}\ \Phi_2^{18}\ \Phi_1^{21}$
59144	1071	125	$\frac{6}{125}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{125}^9\ \Phi_{25}^7\ \Phi_5^6\ \Phi_1^7$
59145	1071	280	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{70}$	$\frac{19}{70}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^2\ \Phi_{56}^6\ \Phi_{40}^4\ \Phi_{35}^2\ \Phi_{28}^6\ \Phi_{20}^4\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_8^5\ \Phi_7^3\ \Phi_5^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
59146	1071	160	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{37}{160}$	$\frac{41}{160}$	$\Phi_{160}^6\ \Phi_{80}^6\ \Phi_{40}^9\ \Phi_{32}^6\ \Phi_{20}^9\ \Phi_{16}^6\ \Phi_{10}^8\ \Phi_8^9\ \Phi_5^8\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
59147	1071	220	$\frac{1}{22}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{220}^6\ \Phi_{110}^6\ \Phi_{55}^6\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{20}^3\ \Phi_{11}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
59148	1071	236	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{236}^4\ \Phi_{118}^4\ \Phi_{59}^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
59149	1071	72	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{72}^{18}\ \Phi_{36}^{14}\ \Phi_{24}^{18}\ \Phi_{18}^{13}\ \Phi_{12}^{14}\ \Phi_9^{13}\ \Phi_8^9\ \Phi_6^{13}\ \Phi_4^7\ \Phi_3^{13}\ \Phi_2^6\ \Phi_1^7$
59150	1071	720	$\frac{1}{18}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{80}\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
59151	1071	704	$\frac{1}{22}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{704}^2\ \Phi_{352}^2\ \Phi_{64}\ \Phi_{44}^2\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_4\ \Phi_1$
59152	1071	900	$\frac{1}{18}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{900}^2\ \Phi_{450}\ \Phi_{300}^2\ \Phi_{225}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{36}^2\ \Phi_{25}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
59153	1071	440	$\frac{4}{55}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{440}^3\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{88}^3\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
59154	1071	620	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{620}^2\ \Phi_{310}^2\ \Phi_{155}^2\ \Phi_{31}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1^3$
59155	1071	40	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{40}^{30}\ \Phi_{20}^{23}\ \Phi_{10}^{22}\ \Phi_8^{33}\ \Phi_5^{22}\ \Phi_4^{25}\ \Phi_2^{24}\ \Phi_1^{25}$
59156	1071	200	$\frac{3}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{47}{200}$	$\Phi_{200}^7\ \Phi_{100}^7\ \Phi_{40}^7\ \Phi_{25}\ \Phi_{20}^7\ \Phi_8^7\ \Phi_4^7\ \Phi_1$
59157	1071	88	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{5}{22}$	$\Phi_{88}^{14}\ \Phi_{44}^{14}\ \Phi_{22}^5\ \Phi_{11}^9\ \Phi_8^{13}\ \Phi_4^{13}\ \Phi_2^4\ \Phi_1^9$
59158	1071	392	$\frac{6}{49}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{43}{196}$	$\Phi_{392}^3\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{56}^4\ \Phi_{49}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
59159	1071	275	$\frac{4}{55}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{275}^5\ \Phi_{55}\ \Phi_{25}\ \Phi_{11}\ \Phi_1$
59160	1071	100	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{100}^{15}\ \Phi_{50}^{10}\ \Phi_{25}^{11}\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
59161	1071	400	$\frac{43}{400}$	$\frac{7}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{25}\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^3\ \Phi_1$
59162	1071	175	$\frac{3}{25}$	$\frac{22}{175}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{175}^7\ \Phi_{35}^7\ \Phi_{25}\ \Phi_7^7\ \Phi_1$
59163	1072	267	$\frac{1}{267}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{133}{267}$	$\Phi_{267}^4\ \Phi_{89}^4\ \Phi_3^5\ \Phi_1^6$
59164	1072	1071	$\frac{5}{1071}$	$\frac{269}{1071}$	$\frac{401}{1071}$	$\frac{533}{1071}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}\ \Phi_{119}\ \Phi_{63}\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
59165	1072	537	$\frac{1}{179}$	$\frac{45}{179}$	$\frac{1}{3}$	$\frac{89}{179}$	$\Phi_{537}^3\ \Phi_3^2$
59166	1072	459	$\frac{1}{153}$	$\frac{77}{459}$	$\frac{191}{459}$	$\frac{76}{153}$	$\Phi_{459}^2\ \Phi_{153}^3\ \Phi_{51}^3\ \Phi_{27}^2\ \Phi_{17}^3\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
59167	1072	133	$\frac{1}{133}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{66}{133}$	$\Phi_{133}^8\ \Phi_{19}^8\ \Phi_7^9\ \Phi_1^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
59168	1072	1995	$\frac{1}{133}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{66}{133}$	$\Phi_{1995}\ \Phi_{285}\ \Phi_{105}\ \Phi_{15}^{2}$
59169	1072	119	$\frac{1}{119}$	$\frac{15}{119}$	$\frac{52}{119}$	$\frac{59}{119}$	$\Phi_{119}^{9}\ \Phi_{17}^{9}\ \Phi_{7}^{9}\ \Phi_{1}^{10}$
59170	1072	357	$\frac{1}{119}$	$\frac{89}{357}$	$\frac{30}{119}$	$\frac{59}{119}$	$\Phi_{357}^{4}\ \Phi_{119}\ \Phi_{51}^{4}\ \Phi_{21}^{4}\ \Phi_{17}\ \Phi_{7}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
59171	1072	531	$\frac{5}{531}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{263}{531}$	$\Phi_{531}^{2}\ \Phi_{177}^{2}\ \Phi_{59}^{2}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
59172	1072	1345	$\frac{3}{269}$	$\frac{1}{5}$	$\frac{68}{269}$	$\frac{133}{269}$	Φ_{1345}
59173	1072	1071	$\frac{13}{1071}$	$\frac{200}{1071}$	$\frac{271}{1071}$	$\frac{529}{1071}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}\ \Phi_{119}\ \Phi_{63}\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
59174	1072	537	$\frac{7}{537}$	$\frac{68}{537}$	$\frac{1}{3}$	$\frac{265}{537}$	$\Phi_{537}^{2}\ \Phi_{179}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
59175	1072	660	$\frac{1}{66}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{65}{132}$	$\Phi_{660}^{3}\ \Phi_{220}^{3}\ \Phi_{132}^{4}\ \Phi_{60}^{3}\ \Phi_{44}^{4}\ \Phi_{20}^{3}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{5}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
59176	1072	396	$\frac{1}{66}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{65}{132}$	$\Phi_{396}^{6}\ \Phi_{132}^{4}\ \Phi_{44}^{4}\ \Phi_{36}^{6}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
59177	1072	660	$\frac{1}{66}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{65}{132}$	$\Phi_{660}^{3}\ \Phi_{220}^{3}\ \Phi_{132}^{4}\ \Phi_{60}^{3}\ \Phi_{44}^{4}\ \Phi_{20}^{3}\ \Phi_{12}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
59178	1072	126	$\frac{1}{63}$	$\frac{4}{63}$	$\frac{59}{126}$	$\frac{31}{63}$	$\Phi_{126}^{16}\ \Phi_{63}\ \Phi_{42}^{16}\ \Phi_{21}\ \Phi_{18}^{16}\ \Phi_{14}^{16}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}^{16}\ \Phi_{3}\ \Phi_{2}^{16}\ \Phi_{1}^{2}$
59179	1072	189	$\frac{1}{63}$	$\frac{8}{63}$	$\frac{55}{189}$	$\frac{31}{63}$	$\Phi_{189}^{8}\ \Phi_{63}\ \Phi_{27}^{8}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
59180	1072	315	$\frac{1}{63}$	$\frac{47}{315}$	$\frac{16}{63}$	$\frac{31}{63}$	$\Phi_{315}^{4}\ \Phi_{105}^{4}\ \Phi_{63}\ \Phi_{45}^{4}\ \Phi_{35}^{4}\ \Phi_{21}\ \Phi_{15}^{4}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
59181	1072	527	$\frac{9}{527}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{259}{527}$	$\Phi_{527}^{2}\ \Phi_{31}^{2}\ \Phi_{17}^{3}\ \Phi_{1}^{4}$
59182	1072	1053	$\frac{19}{1053}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{517}{1053}$	$\Phi_{1053}\ \Phi_{351}\ \Phi_{117}\ \Phi_{81}\ \Phi_{39}\ \Phi_{27}^{2}\ \Phi_{13}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
59183	1072	255	$\frac{1}{51}$	$\frac{13}{255}$	$\frac{121}{255}$	$\frac{25}{51}$	$\Phi_{255}^{4}\ \Phi_{85}^{4}\ \Phi_{51}^{5}\ \Phi_{17}^{5}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
59184	1072	765	$\frac{1}{51}$	$\frac{26}{255}$	$\frac{229}{765}$	$\frac{25}{51}$	$\Phi_{765}^{2}\ \Phi_{153}^{2}\ \Phi_{51}\ \Phi_{45}^{2}\ \Phi_{17}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
59185	1072	153	$\frac{1}{51}$	$\frac{19}{153}$	$\frac{13}{51}$	$\frac{25}{51}$	$\Phi_{153}^{8}\ \Phi_{51}^{5}\ \Phi_{17}^{5}\ \Phi_{9}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
59186	1072	525	$\frac{11}{525}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{257}{525}$	$\Phi_{525}^{2}\ \Phi_{175}^{2}\ \Phi_{105}^{2}\ \Phi_{75}^{2}\ \Phi_{35}^{2}\ \Phi_{25}^{2}\ \Phi_{21}^{3}\ \Phi_{15}^{2}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
59187	1072	90	$\frac{1}{45}$	$\frac{1}{9}$	$\frac{23}{90}$	$\frac{22}{45}$	$\Phi_{90}^{16}\ \Phi_{45}^{8}\ \Phi_{30}^{16}\ \Phi_{18}^{16}\ \Phi_{15}^{8}\ \Phi_{10}^{16}\ \Phi_{9}^{7}\ \Phi_{6}^{16}\ \Phi_{5}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{16}\ \Phi_{1}^{8}$
59188	1072	261	$\frac{7}{261}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{127}{261}$	$\Phi_{261}^{4}\ \Phi_{87}^{4}\ \Phi_{29}^{4}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
59189	1072	1170	$\frac{2}{65}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{63}{130}$	$\Phi_{1170}^{2}\ \Phi_{390}^{2}\ \Phi_{234}^{2}\ \Phi_{90}^{2}\ \Phi_{78}^{2}\ \Phi_{45}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{6}^{2}$
59190	1072	1035	$\frac{37}{1035}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{499}{1035}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}\ \Phi_{115}\ \Phi_{69}\ \Phi_{45}^{2}\ \Phi_{23}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
59191	1072	81	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{14}{81}$	$\frac{13}{27}$	$\Phi_{81}^{16}\ \Phi_{27}^{8}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
59192	1072	77	$\frac{3}{77}$	$\frac{10}{77}$	$\frac{1}{7}$	$\frac{37}{77}$	$\Phi_{77}^{14}\ \Phi_{11}^{14}\ \Phi_{7}^{13}\ \Phi_{1}^{14}$
59193	1072	1029	$\frac{43}{1029}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{493}{1029}$	$\Phi_{1029}\ \Phi_{343}\ \Phi_{147}\ \Phi_{49}^{2}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
59194	1072	513	$\frac{23}{513}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{245}{513}$	$\Phi_{513}^{2}\ \Phi_{171}^{2}\ \Phi_{57}^{2}\ \Phi_{27}^{4}\ \Phi_{19}^{2}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
59195	1072	153	$\frac{7}{153}$	$\frac{19}{153}$	$\frac{20}{153}$	$\frac{73}{153}$	$\Phi_{153}^{7}\ \Phi_{51}^{7}\ \Phi_{17}^{7}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
59196	1072	2176	$\frac{3}{64}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{2176}\ \Phi_{68}\ \Phi_{34}$
59197	1072	315	$\frac{1}{21}$	$\frac{11}{105}$	$\frac{47}{315}$	$\frac{10}{21}$	$\Phi_{315}^{4}\ \Phi_{105}^{2}\ \Phi_{63}^{4}\ \Phi_{45}^{4}\ \Phi_{35}^{2}\ \Phi_{21}^{3}\ \Phi_{15}^{2}\ \Phi_{9}^{4}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
59198	1072	255	$\frac{13}{255}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{121}{255}$	$\Phi_{255}^{4}\ \Phi_{85}^{4}\ \Phi_{51}^{4}\ \Phi_{17}^{7}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
59199	1072	147	$\frac{3}{49}$	$\frac{13}{147}$	$\frac{1}{7}$	$\frac{23}{49}$	$\Phi_{147}^{8}\ \Phi_{49}^{6}\ \Phi_{21}^{8}\ \Phi_{7}^{5}\ \Phi_{3}^{8}\ \Phi_{1}^{6}$
59200	1072	126	$\frac{1}{21}$	$\frac{4}{63}$	$\frac{5}{21}$	$\frac{59}{126}$	$\Phi_{126}^{16}\ \Phi_{42}^{16}\ \Phi_{21}^{3}\ \Phi_{18}^{16}\ \Phi_{14}^{16}\ \Phi_{7}^{3}\ \Phi_{6}^{16}\ \Phi_{3}^{3}\ \Phi_{2}^{16}\ \Phi_{1}^{4}$
59201	1072	126	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{59}{126}$	$\Phi_{126}^{16}\ \Phi_{42}^{16}\ \Phi_{18}^{16}\ \Phi_{14}^{16}\ \Phi_{9}^{7}\ \Phi_{6}^{16}\ \Phi_{3}^{7}\ \Phi_{2}^{16}\ \Phi_{1}^{8}$
59202	1072	345	$\frac{2}{69}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{345}^{3}\ \Phi_{115}^{3}\ \Phi_{69}^{4}\ \Phi_{23}^{4}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
59203	1072	495	$\frac{1}{33}$	$\frac{1}{15}$	$\frac{32}{99}$	$\frac{7}{15}$	$\Phi_{495}^{3}\ \Phi_{99}^{4}\ \Phi_{45}^{3}\ \Phi_{15}\ \Phi_{9}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
59204	1072	1320	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{21}{88}$	$\frac{7}{15}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{264}\ \Phi_{220}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}^{2}\ \Phi_{60}\ \Phi_{44}^{2}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
59205	1072	360	$\frac{1}{15}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{72}^{4}\ \Phi_{60}^{3}\ \Phi_{45}^{3}\ \Phi_{40}^{3}\ \Phi_{36}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{3}\ \Phi_{18}^{4}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{5}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
59206	1072	1155	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{7}{15}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{105}\ \Phi_{77}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
59207	1072	225	$\frac{1}{15}$	$\frac{8}{75}$	$\frac{1}{9}$	$\frac{7}{15}$	$\Phi_{225}^6\ \Phi_{75}^4\ \Phi_{45}^3\ \Phi_{25}^4\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
59208	1072	1001	$\frac{71}{1001}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{465}{1001}$	$\Phi_{1001}\ \Phi_{143}\ \Phi_{91}\ \Phi_{77}^2\ \Phi_{13}\ \Phi_{11}^2\ \Phi_7\ \Phi_1^2$
59209	1072	495	$\frac{41}{495}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{227}{495}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{55}^2\ \Phi_{45}^4\ \Phi_{33}^2\ \Phi_{15}^4\ \Phi_{11}^2\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
59210	1072	245	$\frac{3}{49}$	$\frac{23}{245}$	$\frac{1}{7}$	$\frac{111}{245}$	$\Phi_{245}^4\ \Phi_{49}^6\ \Phi_{35}^4\ \Phi_7^5\ \Phi_5^4\ \Phi_1^6$
59211	1072	243	$\frac{2}{27}$	$\frac{25}{243}$	$\frac{1}{9}$	$\frac{109}{243}$	$\Phi_{243}^4\ \Phi_{81}^4\ \Phi_{27}^8\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
59212	1072	72	$\frac{5}{72}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{72}^{16}\ \Phi_{36}^{16}\ \Phi_{24}^{16}\ \Phi_{18}^{16}\ \Phi_{12}^{16}\ \Phi_9^7\ \Phi_8^{16}\ \Phi_6^{16}\ \Phi_4^{16}\ \Phi_3^7\ \Phi_2^{16}\ \Phi_1^8$
59213	1072	360	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{7}{60}$	$\frac{53}{120}$	$\Phi_{360}^6\ \Phi_{120}^4\ \Phi_{72}^6\ \Phi_{45}^3\ \Phi_{40}^4\ \Phi_{24}^4\ \Phi_{15}^2\ \Phi_9^2\ \Phi_8^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
59214	1072	119	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{15}{119}$	$\frac{52}{119}$	$\Phi_{119}^8\ \Phi_{17}^{15}\ \Phi_7^8\ \Phi_1^{16}$
59215	1072	945	$\frac{1}{63}$	$\frac{127}{945}$	$\frac{62}{189}$	$\frac{409}{945}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}^2\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
59216	1072	945	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{127}{945}$	$\frac{409}{945}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
59217	1072	1428	$\frac{1}{68}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{357}\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{84}\ \Phi_{51}^2\ \Phi_{42}\ \Phi_{12}^2\ \Phi_6^2$
59218	1072	399	$\frac{2}{133}$	$\frac{1}{7}$	$\frac{131}{399}$	$\frac{3}{7}$	$\Phi_{399}^4\ \Phi_{57}^4\ \Phi_{21}^4\ \Phi_7\ \Phi_3^4\ \Phi_1^2$
59219	1072	273	$\frac{5}{273}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{273}^4\ \Phi_{91}^4\ \Phi_{39}^4\ \Phi_{21}^4\ \Phi_{13}^4\ \Phi_7\ \Phi_3^4\ \Phi_1^2$
59220	1072	665	$\frac{4}{133}$	$\frac{1}{7}$	$\frac{129}{665}$	$\frac{3}{7}$	$\Phi_{665}^2\ \Phi_{95}^2\ \Phi_{35}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
59221	1072	70	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{70}^{16}\ \Phi_{35}^{16}\ \Phi_{14}^{16}\ \Phi_{10}^{16}\ \Phi_7^9\ \Phi_5^{16}\ \Phi_2^{16}\ \Phi_1^{10}$
59222	1072	532	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{532}^2\ \Phi_{266}^2\ \Phi_{133}\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{28}^2\ \Phi_{19}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
59223	1072	231	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{37}{231}$	$\frac{97}{231}$	$\Phi_{231}^4\ \Phi_{77}^6\ \Phi_{33}^4\ \Phi_{21}^4\ \Phi_{11}^6\ \Phi_7^5\ \Phi_3^4\ \Phi_1^6$
59224	1072	189	$\frac{1}{63}$	$\frac{31}{189}$	$\frac{55}{189}$	$\frac{79}{189}$	$\Phi_{189}^6\ \Phi_{63}^5\ \Phi_{27}^6\ \Phi_{21}^5\ \Phi_9^5\ \Phi_7^5\ \Phi_3^5\ \Phi_1^6$
59225	1072	68	$\frac{1}{68}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{68}^{16}\ \Phi_{34}^{16}\ \Phi_{17}^{15}\ \Phi_4^{16}\ \Phi_2^{16}\ \Phi_1^{16}$
59226	1072	225	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{43}{225}$	$\frac{91}{225}$	$\Phi_{225}^4\ \Phi_{75}^4\ \Phi_{45}^8\ \Phi_{25}^4\ \Phi_{15}^8\ \Phi_9^7\ \Phi_5^8\ \Phi_3^7\ \Phi_1^8$
59227	1072	630	$\frac{3}{70}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_6^2$
59228	1072	147	$\frac{1}{21}$	$\frac{13}{147}$	$\frac{5}{21}$	$\frac{8}{21}$	$\Phi_{147}^8\ \Phi_{49}^8\ \Phi_{21}^3\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
59229	1072	108	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{13}{54}$	$\frac{41}{108}$	$\Phi_{108}^{16}\ \Phi_{36}^{16}\ \Phi_{27}^8\ \Phi_{12}^{16}\ \Phi_9^7\ \Phi_4^{16}\ \Phi_3^7\ \Phi_1^8$
59230	1072	153	$\frac{5}{153}$	$\frac{19}{153}$	$\frac{37}{153}$	$\frac{58}{153}$	$\Phi_{153}^7\ \Phi_{51}^7\ \Phi_{17}^7\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
59231	1072	1071	$\frac{11}{1071}$	$\frac{265}{1071}$	$\frac{334}{1071}$	$\frac{403}{1071}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}\ \Phi_{119}\ \Phi_{63}\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
59232	1072	537	$\frac{5}{537}$	$\frac{133}{537}$	$\frac{1}{3}$	$\frac{202}{537}$	$\Phi_{537}^2\ \Phi_{179}^2\ \Phi_3\ \Phi_1^2$
59233	1072	1224	$\frac{1}{17}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
59234	1072	819	$\frac{1}{21}$	$\frac{20}{273}$	$\frac{253}{819}$	$\frac{283}{819}$	$\Phi_{819}\ \Phi_{273}^2\ \Phi_{117}\ \Phi_{91}^2\ \Phi_{63}\ \Phi_{39}^2\ \Phi_{21}\ \Phi_{13}^2\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
59235	1072	102	$\frac{1}{17}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{102}^{16}\ \Phi_{34}^{16}\ \Phi_{17}^{15}\ \Phi_6^{16}\ \Phi_2^{16}\ \Phi_1^{16}$
59236	1072	405	$\frac{4}{135}$	$\frac{1}{9}$	$\frac{131}{405}$	$\frac{137}{405}$	$\Phi_{405}^2\ \Phi_{135}^4\ \Phi_{81}^2\ \Phi_{45}^4\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
59237	1072	135	$\frac{1}{135}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{135}^8\ \Phi_{45}^8\ \Phi_{27}^8\ \Phi_{15}^8\ \Phi_9^8\ \Phi_5^8\ \Phi_3^5\ \Phi_1^6$
59238	1072	801	$\frac{2}{267}$	$\frac{265}{801}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{801}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
59239	1072	267	$\frac{1}{89}$	$\frac{22}{89}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{267}^3\ \Phi_{89}^6\ \Phi_3^4\ \Phi_1^8$
59240	1072	1020	$\frac{1}{68}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
59241	1072	207	$\frac{2}{69}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{207}^6\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
59242	1072	99	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{32}{99}$	$\frac{1}{3}$	$\Phi_{99}^{10}\ \Phi_{33}^{12}\ \Phi_{11}^{12}\ \Phi_9^{12}\ \Phi_3^{13}\ \Phi_1^{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
59243	1072	792	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{21}{88}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_9^2\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
59244	1072	345	$\frac{2}{69}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{345}^3\ \Phi_{115}^3\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_5^3\ \Phi_1^4$
59245	1072	210	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^8\ \Phi_{105}^7\ \Phi_{42}^8\ \Phi_{30}^8\ \Phi_{21}^8\ \Phi_{15}^8\ \Phi_6^8\ \Phi_3^8$
59246	1072	1140	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{285}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^2$
59247	1072	495	$\frac{2}{33}$	$\frac{1}{9}$	$\frac{31}{165}$	$\frac{1}{3}$	$\Phi_{495}^3\ \Phi_{165}^2\ \Phi_{55}^2\ \Phi_{45}^3\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
59248	1072	72	$\frac{5}{72}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{72}^{16}\ \Phi_{36}^{16}\ \Phi_{24}^{16}\ \Phi_{18}^{10}\ \Phi_{12}^{16}\ \Phi_9^{12}\ \Phi_8^{16}\ \Phi_6^{12}\ \Phi_4^{16}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
59249	1072	693	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{10}{77}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{231}\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
59250	1072	495	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{32}{99}$	$\Phi_{495}^3\ \Phi_{99}^4\ \Phi_{45}^3\ \Phi_9^4\ \Phi_5^3\ \Phi_1^4$
59251	1072	693	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{157}{693}$	$\frac{74}{231}$	$\Phi_{693}^2\ \Phi_{99}^2\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
59252	1072	585	$\frac{4}{65}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{61}{195}$	$\Phi_{585}^2\ \Phi_{195}\ \Phi_{117}^2\ \Phi_{65}^2\ \Phi_{45}^3\ \Phi_{39}\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
59253	1072	81	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{14}{81}$	$\frac{25}{81}$	$\Phi_{81}^{12}\ \Phi_{27}^{16}\ \Phi_9^{15}\ \Phi_3^{15}\ \Phi_1^{16}$
59254	1072	1632	$\frac{1}{17}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
59255	1072	351	$\frac{19}{351}$	$\frac{1}{9}$	$\frac{83}{351}$	$\frac{8}{27}$	$\Phi_{351}^3\ \Phi_{117}^3\ \Phi_{39}^3\ \Phi_{27}^4\ \Phi_{13}^3\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
59256	1072	567	$\frac{31}{567}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{567}^2\ \Phi_{189}^2\ \Phi_{81}\ \Phi_{63}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
59257	1072	147	$\frac{13}{147}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{147}$	$\Phi_{147}^7\ \Phi_{49}^8\ \Phi_{21}^7\ \Phi_7^7\ \Phi_3^7\ \Phi_1^8$
59258	1072	189	$\frac{1}{21}$	$\frac{8}{63}$	$\frac{5}{21}$	$\frac{55}{189}$	$\Phi_{189}^8\ \Phi_{27}^8\ \Phi_{21}^3\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
59259	1072	189	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{189}$	$\Phi_{189}^8\ \Phi_{27}^8\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
59260	1072	210	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{210}^7\ \Phi_{105}^7\ \Phi_{70}^2\ \Phi_{42}^7\ \Phi_{35}^2\ \Phi_{30}^7\ \Phi_{21}^4\ \Phi_{15}^7\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^7\ \Phi_5^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^2$
59261	1072	735	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{46}{245}$	$\frac{199}{735}$	$\Phi_{735}^2\ \Phi_{147}^2\ \Phi_{105}^2\ \Phi_{49}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
59262	1072	90	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{7}{30}$	$\frac{23}{90}$	$\Phi_{90}^{10}\ \Phi_{45}^{13}\ \Phi_{30}^{12}\ \Phi_{18}^{10}\ \Phi_{15}^{14}\ \Phi_{10}^{12}\ \Phi_9^{12}\ \Phi_6^{12}\ \Phi_5^{14}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
59263	1072	153	$\frac{1}{17}$	$\frac{19}{153}$	$\frac{4}{17}$	$\frac{13}{51}$	$\Phi_{153}^8\ \Phi_{51}^4\ \Phi_{17}^7\ \Phi_9^8\ \Phi_3^4\ \Phi_1^8$
59264	1072	315	$\frac{1}{21}$	$\frac{47}{315}$	$\frac{5}{21}$	$\frac{16}{63}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{45}^4\ \Phi_{35}^4\ \Phi_{21}^3\ \Phi_{15}^4\ \Phi_7^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
59265	1072	1360	$\frac{1}{17}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}$
59266	1072	440	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{21}{88}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{88}^4\ \Phi_{44}^4\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
59267	1072	84	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{17}{84}$	$\frac{5}{21}$	$\Phi_{84}^{16}\ \Phi_{42}^{16}\ \Phi_{28}^{16}\ \Phi_{21}^3\ \Phi_{14}^{16}\ \Phi_{12}^{16}\ \Phi_7^3\ \Phi_6^{16}\ \Phi_4^{16}\ \Phi_3^3\ \Phi_2^{16}\ \Phi_1^4$
59268	1072	85	$\frac{1}{17}$	$\frac{13}{85}$	$\frac{18}{85}$	$\frac{4}{17}$	$\Phi_{85}^{12}\ \Phi_{17}^{15}\ \Phi_5^{12}\ \Phi_1^{16}$
59269	1072	343	$\frac{6}{49}$	$\frac{43}{343}$	$\frac{1}{7}$	$\frac{75}{343}$	$\Phi_{343}^3\ \Phi_{49}^4\ \Phi_7^3\ \Phi_1^4$
59270	1072	360	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^4\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
59271	1072	385	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{385}^3\ \Phi_{77}^4\ \Phi_{35}^3\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
59272	1073	2112	$\frac{17}{1056}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{1039}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
59273	1073	2112	$\frac{17}{1056}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1039}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{64}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
59274	1073	1440	$\frac{7}{360}$	$\frac{1}{8}$	$\frac{367}{1440}$	$\frac{353}{720}$	$\Phi_{1440}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
59275	1073	504	$\frac{1}{36}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{35}{72}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{72}\ \Phi_{63}^4\ \Phi_{56}\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{24}\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^2\ \Phi_7^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
59276	1073	504	$\frac{1}{36}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{35}{72}$	$\Phi_{504}^4\ \Phi_{168}^4\ \Phi_{72}^5\ \Phi_{56}^4\ \Phi_{42}\ \Phi_{24}^5\ \Phi_{21}\ \Phi_8^5\ \Phi_6\ \Phi_3\ \Phi_1$
59277	1073	288	$\frac{1}{36}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{288}^4\ \Phi_{144}^4\ \Phi_{96}^4\ \Phi_{72}\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{32}^5\ \Phi_{24}\ \Phi_{18}^4\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
59278	1073	72	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{7}{36}$	$\frac{35}{72}$	$\Phi_{72}^{13}\ \Phi_{36}^{17}\ \Phi_{24}^{13}\ \Phi_{18}^{17}\ \Phi_{12}^{17}\ \Phi_9^{17}\ \Phi_8^{12}\ \Phi_6^{17}\ \Phi_4^{16}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{17}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
59279	1073	2520	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{35}{72}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{360}\ \Phi_{280}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
59280	1073	2080	$\frac{33}{1040}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1007}{2080}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
59281	1073	1296	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{223}{1296}$	$\frac{209}{432}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
59282	1073	2184	$\frac{1}{28}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{104}\ \Phi_{56}\ \Phi_{39}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
59283	1073	1512	$\frac{1}{28}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{27}{56}$	$\Phi_{1512}^2\ \Phi_{216}^2\ \Phi_{56}\ \Phi_{54}\ \Phi_{27}\ \Phi_{8}\ \Phi_{1}$
59284	1073	280	$\frac{1}{28}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}\ \Phi_{40}^5\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{20}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_{8}^2\ \Phi_{7}^4\ \Phi_{5}^5\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^5$
59285	1073	336	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{27}{56}$	$\Phi_{336}^4\ \Phi_{112}^4\ \Phi_{84}^4\ \Phi_{56}\ \Phi_{48}^5\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}\ \Phi_{21}^4\ \Phi_{16}^5\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{8}^2\ \Phi_{7}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
59286	1073	2520	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{27}{56}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{360}\ \Phi_{280}\ \Phi_{120}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
59287	1073	168	$\frac{1}{28}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{27}{56}$	$\Phi_{168}^{12}\ \Phi_{56}^{13}\ \Phi_{42}\ \Phi_{24}^{12}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}^{13}\ \Phi_{7}\ \Phi_{1}$
59288	1073	2048	$\frac{49}{1024}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{975}{2048}$	$\Phi_{2048}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
59289	1073	1200	$\frac{7}{120}$	$\frac{127}{1200}$	$\frac{1}{8}$	$\frac{113}{240}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
59290	1073	1408	$\frac{17}{352}$	$\frac{1}{16}$	$\frac{335}{1408}$	$\frac{15}{32}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
59291	1073	1152	$\frac{1}{16}$	$\frac{79}{1152}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
59292	1073	2016	$\frac{65}{1008}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{943}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
59293	1073	1026	$\frac{1}{38}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1026}\ \Phi_{513}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{27}\ \Phi_{19}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
59294	1073	1152	$\frac{79}{1152}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{144}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
59295	1073	760	$\frac{1}{38}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{760}^2\ \Phi_{190}^2\ \Phi_{152}^2\ \Phi_{95}^2\ \Phi_{40}\ \Phi_{38}\ \Phi_{19}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
59296	1073	67	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{9}{67}$	$\frac{30}{67}$	$\Phi_{67}^{16}\ \Phi_{1}^{17}$
59297	1073	1920	$\frac{7}{120}$	$\frac{113}{960}$	$\frac{1}{8}$	$\frac{847}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{128}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
59298	1073	64	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{5}{32}$	$\frac{27}{64}$	$\Phi_{64}^{29}\ \Phi_{32}^5\ \Phi_{16}^4\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^5$
59299	1073	950	$\frac{1}{38}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{950}\ \Phi_{475}\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{38}\ \Phi_{25}\ \Phi_{19}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
59300	1073	684	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
59301	1073	1120	$\frac{47}{1120}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
59302	1073	912	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{912}^2\ \Phi_{304}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{48}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
59303	1073	1152	$\frac{1}{16}$	$\frac{79}{1152}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
59304	1073	1728	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{209}{864}$	$\frac{655}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
59305	1073	1104	$\frac{31}{1104}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
59306	1073	1632	$\frac{15}{272}$	$\frac{1}{16}$	$\frac{257}{816}$	$\frac{559}{1632}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{96}\ \Phi_{68}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{1}$
59307	1073	1608	$\frac{1}{134}$	$\frac{133}{402}$	$\frac{535}{1608}$	$\frac{269}{804}$	$\Phi_{1608}\ \Phi_{536}\ \Phi_{402}\ \Phi_{201}\ \Phi_{24}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
59308	1073	546	$\frac{2}{39}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{78}^2\ \Phi_{42}\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{21}\ \Phi_{13}^3\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
59309	1073	1248	$\frac{2}{39}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{104}\ \Phi_{39}\ \Phi_{32}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
59310	1073	684	$\frac{1}{38}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{684}^2\ \Phi_{342}\ \Phi_{228}^2\ \Phi_{171}\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
59311	1073	1365	$\frac{2}{39}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{195}\ \Phi_{65}\ \Phi_{39}\ \Phi_{35}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
59312	1073	1584	$\frac{17}{528}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{511}{1584}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{144}\ \Phi_{99}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
59313	1073	378	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{17}{54}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{54}^5\ \Phi_{42}\ \Phi_{27}^5\ \Phi_{21}\ \Phi_6\ \Phi_3\ \Phi_1$
59314	1073	864	$\frac{1}{18}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{216}^2\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_8\ \Phi_1$
59315	1073	1890	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{17}{54}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{270}\ \Phi_{135}\ \Phi_{54}\ \Phi_{35}\ \Phi_{27}\ \Phi_5\ \Phi_1$
59316	1073	96	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{11}{48}$	$\frac{5}{16}$	$\Phi_{96}^{16}\ \Phi_{48}^{13}\ \Phi_{32}^5\ \Phi_{24}^{13}\ \Phi_{16}^4\ \Phi_{12}^{13}\ \Phi_8^4\ \Phi_6^{13}\ \Phi_4^4\ \Phi_3^{13}\ \Phi_2^4\ \Phi_1^5$
59317	1073	1560	$\frac{33}{520}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{487}{1560}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{120}\ \Phi_{78}\ \Phi_{60}\ \Phi_{40}\ \Phi_{39}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
59318	1073	840	$\frac{1}{14}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
59319	1073	336	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{13}{42}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^4\ \Phi_{56}^4\ \Phi_{48}^5\ \Phi_{42}\ \Phi_{24}^5\ \Phi_{21}\ \Phi_{16}^5\ \Phi_8^5\ \Phi_6\ \Phi_3\ \Phi_1$
59320	1073	630	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{13}{42}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{45}^3\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6\ \Phi_5^3\ \Phi_3\ \Phi_1$
59321	1073	42	$\frac{1}{14}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{13}{42}$	$\Phi_{42}^{26}\ \Phi_{21}^{26}\ \Phi_{14}^{25}\ \Phi_7^{25}\ \Phi_6^{25}\ \Phi_3^{25}\ \Phi_2^{24}\ \Phi_1^{25}$
59322	1073	1536	$\frac{1}{16}$	$\frac{49}{512}$	$\frac{15}{64}$	$\frac{463}{1536}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
59323	1073	1320	$\frac{17}{264}$	$\frac{1}{8}$	$\frac{247}{1320}$	$\frac{7}{24}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
59324	1073	1152	$\frac{79}{1152}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
59325	1073	1512	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{504}$	$\frac{439}{1512}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
59326	1073	40	$\frac{3}{40}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{40}^{27}\ \Phi_{20}^{27}\ \Phi_{10}^{27}\ \Phi_8^{26}\ \Phi_5^{27}\ \Phi_4^{26}\ \Phi_2^{26}\ \Phi_1^{27}$
59327	1073	1440	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{113}{480}$	$\frac{367}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
59328	1073	160	$\frac{3}{40}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{160}^8\ \Phi_{80}^8\ \Phi_{40}^5\ \Phi_{32}^5\ \Phi_{20}^5\ \Phi_{16}^5\ \Phi_{10}^5\ \Phi_8^2\ \Phi_5^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
59329	1073	96	$\frac{1}{12}$	$\frac{3}{32}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{96}^{12}\ \Phi_{48}^9\ \Phi_{32}^{13}\ \Phi_{24}^9\ \Phi_{16}^{10}\ \Phi_{12}^{12}\ \Phi_8^{10}\ \Phi_6^{12}\ \Phi_4^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
59330	1073	1440	$\frac{3}{32}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
59331	1073	280	$\frac{3}{40}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{280}^4\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{56}^4\ \Phi_{40}^5\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_8^5\ \Phi_7^4\ \Phi_5^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
59332	1073	672	$\frac{3}{32}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{32}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
59333	1073	1280	$\frac{1}{16}$	$\frac{207}{1280}$	$\frac{49}{256}$	$\frac{15}{64}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
59334	1073	1680	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{11}{48}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{280}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_5\ \Phi_1$
59335	1073	315	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{8}{45}$	$\Phi_{315}^3\ \Phi_{105}^3\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_5^5\ \Phi_3^4\ \Phi_1^5$
59336	1073	210	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{35}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^6\ \Phi_{42}\ \Phi_{35}^7\ \Phi_{30}^6\ \Phi_{21}\ \Phi_{15}^6\ \Phi_{14}\ \Phi_{10}^6\ \Phi_7\ \Phi_5^7\ \Phi_1$
59337	1074	1780	$\frac{1}{178}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{177}{356}$	$\Phi_{1780}\ \Phi_{356}^2\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
59338	1074	1068	$\frac{1}{178}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{177}{356}$	$\Phi_{1068}\ \Phi_{534}^2\ \Phi_{267}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
59339	1074	2478	$\frac{2}{177}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{175}{354}$	$\Phi_{2478}\ \Phi_{826}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
59340	1074	1680	$\frac{1}{60}$	$\frac{1}{7}$	$\frac{61}{240}$	$\frac{59}{120}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{210}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
59341	1074	2464	$\frac{3}{176}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{173}{352}$	$\Phi_{2464}\ \Phi_{224}\ \Phi_{28}\ \Phi_{14}$
59342	1074	350	$\frac{4}{175}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{171}{350}$	$\Phi_{350}^6\ \Phi_{70}^6\ \Phi_{50}^6\ \Phi_{35}\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_2^6$
59343	1074	1036	$\frac{1}{37}$	$\frac{19}{518}$	$\frac{499}{1036}$	$\frac{18}{37}$	$\Phi_{1036}^2\ \Phi_{148}^2\ \Phi_{37}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
59344	1074	259	$\frac{1}{37}$	$\frac{19}{259}$	$\frac{80}{259}$	$\frac{18}{37}$	$\Phi_{259}^4\ \Phi_{37}^5\ \Phi_7^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
59345	1074	592	$\frac{1}{37}$	$\frac{55}{592}$	$\frac{19}{74}$	$\frac{18}{37}$	$\Phi_{592}^2\ \Phi_{296}^2\ \Phi_{148}^2\ \Phi_{37}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
59346	1074	1512	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{37}{216}$	$\frac{35}{72}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
59347	1074	348	$\frac{5}{174}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{169}{348}$	$\Phi_{348}^6\ \Phi_{116}^6\ \Phi_{29}\ \Phi_{12}^6\ \Phi_4^6\ \Phi_1^2$
59348	1074	348	$\frac{5}{174}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{169}{348}$	$\Phi_{348}^6\ \Phi_{116}^6\ \Phi_{29}\ \Phi_{12}^6\ \Phi_4^6\ \Phi_1^2$
59349	1074	2436	$\frac{5}{174}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{169}{348}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
59350	1074	261	$\frac{1}{29}$	$\frac{5}{87}$	$\frac{82}{261}$	$\frac{14}{29}$	$\Phi_{261}^6\ \Phi_{29}\ \Phi_9^6\ \Phi_1^2$
59351	1074	580	$\frac{1}{29}$	$\frac{43}{580}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{580}^2\ \Phi_{290}^2\ \Phi_{145}^2\ \Phi_{116}^2\ \Phi_{29}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
59352	1074	232	$\frac{1}{29}$	$\frac{5}{58}$	$\frac{53}{232}$	$\frac{14}{29}$	$\Phi_{232}^6\ \Phi_{116}^6\ \Phi_{29}\ \Phi_8^6\ \Phi_4^6\ \Phi_1^2$
59353	1074	203	$\frac{1}{29}$	$\frac{24}{203}$	$\frac{5}{29}$	$\frac{14}{29}$	$\Phi_{203}^6\ \Phi_{29}\ \Phi_7^6\ \Phi_1^2$
59354	1074	2394	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{163}{342}$	$\Phi_{2394}\ \Phi_{798}\ \Phi_{266}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
59355	1074	1400	$\frac{1}{20}$	$\frac{21}{200}$	$\frac{1}{7}$	$\frac{19}{40}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
59356	1074	2380	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{161}{340}$	$\Phi_{2380}\ \Phi_{476}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
59357	1074	336	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{157}{336}$	$\Phi_{336}^6\ \Phi_{112}^6\ \Phi_{84}\ \Phi_{48}^6\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}^6\ \Phi_{14}$
59358	1074	333	$\frac{1}{37}$	$\frac{25}{333}$	$\frac{12}{37}$	$\frac{154}{333}$	$\Phi_{333}^3\ \Phi_{111}^3\ \Phi_{37}^5\ \Phi_9^3\ \Phi_3^3\ \Phi_1^6$
59359	1074	1344	$\frac{13}{192}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{112}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
59360	1074	2310	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{1}{7}$	$\frac{151}{330}$	$\Phi_{2310}\ \Phi_{770}\ \Phi_{462}\ \Phi_{210}\ \Phi_{154}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
59361	1074	740	$\frac{1}{37}$	$\frac{18}{185}$	$\frac{203}{740}$	$\frac{167}{370}$	$\Phi_{740}^2\ \Phi_{185}^2\ \Phi_{148}^2\ \Phi_{37}\ \Phi_{20}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
59362	1074	2268	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{1}{7}$	$\frac{145}{324}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
59363	1074	2240	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{1}{7}$	$\frac{141}{320}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
59364	1074	185	$\frac{6}{185}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{185}^6\ \Phi_{37}^5\ \Phi_5^6\ \Phi_1^6$
59365	1074	925	$\frac{1}{37}$	$\frac{149}{925}$	$\frac{36}{185}$	$\frac{388}{925}$	$\Phi_{925}\ \Phi_{185}^2\ \Phi_{37}\ \Phi_{25}\ \Phi_5^2\ \Phi_1^2$
59366	1074	222	$\frac{1}{37}$	$\frac{6}{37}$	$\frac{43}{222}$	$\frac{31}{74}$	$\Phi_{222}^6\ \Phi_{111}^6\ \Phi_{37}^5\ \Phi_6^6\ \Phi_3^6\ \Phi_1^6$
59367	1074	2100	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{29}{150}$	$\frac{121}{300}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
59368	1074	1335	$\frac{1}{89}$	$\frac{1}{5}$	$\frac{88}{267}$	$\frac{2}{5}$	$\Phi_{1335}\ \Phi_{267}^2\ \Phi_{15}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
59369	1074	296	$\frac{1}{37}$	$\frac{6}{37}$	$\frac{31}{148}$	$\frac{117}{296}$	$\Phi_{296}^6\ \Phi_{37}^5\ \Phi_8^6\ \Phi_1^6$
59370	1074	2016	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{35}{144}$	$\frac{109}{288}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{252}\ \Phi_{224}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
59371	1074	1288	$\frac{5}{184}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{322}\ \Phi_{161}\ \Phi_{28}\ \Phi_{14}$
59372	1074	185	$\frac{6}{185}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{185}^6\ \Phi_{37}^5\ \Phi_5^6\ \Phi_1^6$
59373	1074	1890	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{44}{135}$	$\frac{91}{270}$	$\Phi_{1890}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
59374	1074	1068	$\frac{1}{89}$	$\frac{1}{4}$	$\frac{88}{267}$	$\frac{1}{3}$	$\Phi_{1068}\ \Phi_{534}\ \Phi_{356}^2\ \Phi_{178}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
59375	1074	222	$\frac{1}{37}$	$\frac{43}{222}$	$\frac{25}{111}$	$\frac{12}{37}$	$\Phi_{222}^6\ \Phi_{111}^3\ \Phi_{74}^6\ \Phi_{37}^5\ \Phi_6^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
59376	1074	1848	$\frac{3}{88}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{85}{264}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{231}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
59377	1074	1512	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{37}{216}$	$\frac{17}{54}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
59378	1074	261	$\frac{5}{87}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{82}{261}$	$\Phi_{261}^6\ \Phi_{29}\ \Phi_9^6\ \Phi_1^2$
59379	1074	232	$\frac{2}{29}$	$\frac{5}{58}$	$\frac{53}{232}$	$\frac{9}{29}$	$\Phi_{232}^6\ \Phi_{116}^6\ \Phi_{29}\ \Phi_8^6\ \Phi_4^6\ \Phi_1^2$
59380	1074	203	$\frac{2}{29}$	$\frac{24}{203}$	$\frac{5}{29}$	$\frac{9}{29}$	$\Phi_{203}^6\ \Phi_{29}\ \Phi_7^6\ \Phi_1^2$
59381	1074	252	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{73}{252}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}\ \Phi_{63}^6\ \Phi_{42}\ \Phi_{36}^6\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}^6\ \Phi_{14}\ \Phi_9^6$
59382	1074	185	$\frac{6}{185}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{185}^6\ \Phi_{37}^5\ \Phi_5^6\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
59383	1074	1680	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{19}{80}$	$\frac{61}{240}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
59384	1074	1344	$\frac{13}{192}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
59385	1074	1540	$\frac{3}{44}$	$\frac{1}{7}$	$\frac{41}{220}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
59386	1074	1400	$\frac{21}{200}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
59387	1074	210	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{31}{210}$	$\frac{1}{5}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^6\ \Phi_{42}^6\ \Phi_{35}\ \Phi_{30}^6\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6$
59388	1075	856	$\frac{1}{214}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{213}{428}$	$\Phi_{856}^2\ \Phi_{428}\ \Phi_8^3\ \Phi_4\ \Phi_1$
59389	1075	2136	$\frac{7}{1068}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1061}{2136}$	$\Phi_{2136}\ \Phi_{712}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
59390	1075	426	$\frac{2}{213}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{211}{426}$	$\Phi_{426}^2\ \Phi_{213}^3\ \Phi_{142}^2\ \Phi_{71}^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
59391	1075	2124	$\frac{13}{1062}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1049}{2124}$	$\Phi_{2124}\ \Phi_{708}\ \Phi_{236}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
59392	1075	288	$\frac{1}{72}$	$\frac{1}{6}$	$\frac{73}{288}$	$\frac{71}{144}$	$\Phi_{288}^5\ \Phi_{96}^5\ \Phi_{72}^5\ \Phi_{36}^5\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
59393	1075	1272	$\frac{3}{212}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{209}{424}$	$\Phi_{1272}^2\ \Phi_{424}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
59394	1075	2112	$\frac{19}{1056}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1037}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{64}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
59395	1075	1296	$\frac{5}{216}$	$\frac{1}{6}$	$\frac{221}{1296}$	$\frac{211}{432}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
59396	1075	336	$\frac{1}{42}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{41}{84}$	$\Phi_{336}^6\ \Phi_{112}^6\ \Phi_{84}\ \Phi_{48}^7\ \Phi_{28}\ \Phi_{16}^7\ \Phi_{12}\ \Phi_4\ \Phi_1$
59397	1075	756	$\frac{1}{42}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{756}^3\ \Phi_{252}^3\ \Phi_{108}^3\ \Phi_{84}\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
59398	1075	252	$\frac{1}{42}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{41}{84}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}\ \Phi_{63}^6\ \Phi_{36}^7\ \Phi_{28}\ \Phi_{18}^7\ \Phi_{12}\ \Phi_9^7\ \Phi_4\ \Phi_1$
59399	1075	84	$\frac{1}{42}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{41}{84}$	$\Phi_{84}^{13}\ \Phi_{42}^{12}\ \Phi_{28}^{14}\ \Phi_{21}^{12}\ \Phi_{14}^{13}\ \Phi_{12}^{13}\ \Phi_7^{13}\ \Phi_6^{12}\ \Phi_4^{13}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
59400	1075	672	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{41}{84}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{84}\ \Phi_{48}^2\ \Phi_{32}^3\ \Phi_{28}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
59401	1075	84	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{41}{84}$	$\Phi_{84}^{25}\ \Phi_{28}^{25}\ \Phi_{12}^{25}\ \Phi_6^4\ \Phi_4^{25}\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
59402	1075	2088	$\frac{31}{1044}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1013}{2088}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{232}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
59403	1075	1248	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{201}{416}$	$\Phi_{1248}^2\ \Phi_{416}\ \Phi_{96}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
59404	1075	414	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{199}{414}$	$\Phi_{414}^2\ \Phi_{207}^3\ \Phi_{138}^2\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{23}^3\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
59405	1075	720	$\frac{1}{24}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{144}^3\ \Phi_{80}^3\ \Phi_{48}\ \Phi_{45}\ \Phi_{16}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
59406	1075	1008	$\frac{1}{24}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{23}{48}$	$\Phi_{1008}^3\ \Phi_{144}^3\ \Phi_{63}\ \Phi_{48}\ \Phi_{16}\ \Phi_9\ \Phi_1$
59407	1075	336	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{23}{48}$	$\Phi_{336}^6\ \Phi_{112}^6\ \Phi_{56}\ \Phi_{48}^7\ \Phi_{28}\ \Phi_{16}^7\ \Phi_8\ \Phi_4\ \Phi_1$
59408	1075	48	$\frac{1}{24}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{23}{48}$	$\Phi_{48}^{20}\ \Phi_{24}^{25}\ \Phi_{16}^{20}\ \Phi_{12}^{25}\ \Phi_8^{25}\ \Phi_6^{24}\ \Phi_4^{25}\ \Phi_3^{24}\ \Phi_2^{24}\ \Phi_1^{25}$
59409	1075	2352	$\frac{1}{24}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{23}{48}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{49}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
59410	1075	2052	$\frac{49}{1026}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{977}{2052}$	$\Phi_{2052}\ \Phi_{684}\ \Phi_{228}\ \Phi_{108}\ \Phi_{76}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
59411	1075	408	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{193}{408}$	$\Phi_{408}^5\ \Phi_{136}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
59412	1075	2016	$\frac{67}{1008}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{941}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
59413	1075	1152	$\frac{77}{1152}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
59414	1075	1040	$\frac{1}{26}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{1040}^2\ \Phi_{208}^2\ \Phi_{80}\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_4\ \Phi_1$
59415	1075	396	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{1}{6}$	$\frac{181}{396}$	$\Phi_{396}^5\ \Phi_{132}^5\ \Phi_{44}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
59416	1075	1944	$\frac{5}{108}$	$\frac{103}{972}$	$\frac{1}{6}$	$\frac{869}{1944}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
59417	1075	384	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{1}{6}$	$\frac{169}{384}$	$\Phi_{384}^5\ \Phi_{128}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
59418	1075	672	$\frac{9}{224}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}\ \Phi_{168}^2\ \Phi_{112}\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
59419	1075	378	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{1}{6}$	$\frac{163}{378}$	$\Phi_{378}^{2}\ \Phi_{189}^{3}\ \Phi_{126}^{2}\ \Phi_{63}^{3}\ \Phi_{54}^{5}\ \Phi_{42}^{2}\ \Phi_{27}^{5}\ \Phi_{21}^{3}\ \Phi_{18}^{5}\ \Phi_{14}^{2}\ \Phi_{9}^{5}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
59420	1075	72	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{29}{72}$	$\Phi_{72}^{25}\ \Phi_{36}^{5}\ \Phi_{24}^{25}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{25}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
59421	1075	1104	$\frac{29}{1104}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
59422	1075	1728	$\frac{5}{216}$	$\frac{1}{6}$	$\frac{211}{864}$	$\frac{653}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
59423	1075	2568	$\frac{1}{107}$	$\frac{1}{4}$	$\frac{106}{321}$	$\frac{3}{8}$	$\Phi_{2568}\ \Phi_{321}\ \Phi_{24}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
59424	1075	856	$\frac{2}{107}$	$\frac{21}{107}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{856}^{2}\ \Phi_{107}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
59425	1075	264	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^{8}\ \Phi_{132}^{2}\ \Phi_{88}^{4}\ \Phi_{66}^{2}\ \Phi_{44}\ \Phi_{33}^{2}\ \Phi_{24}^{6}\ \Phi_{22}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
59426	1075	624	$\frac{1}{26}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{624}^{2}\ \Phi_{312}^{2}\ \Phi_{208}^{2}\ \Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{48}\ \Phi_{39}^{2}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
59427	1075	858	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{858}\ \Phi_{429}\ \Phi_{286}^{2}\ \Phi_{143}^{2}\ \Phi_{78}\ \Phi_{39}\ \Phi_{33}\ \Phi_{26}\ \Phi_{22}\ \Phi_{13}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}$
59428	1075	324	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{53}{162}$	$\frac{109}{324}$	$\Phi_{324}^{5}\ \Phi_{108}^{5}\ \Phi_{54}^{5}\ \Phi_{36}^{5}\ \Phi_{27}^{5}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
59429	1075	135	$\frac{2}{45}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{135}^{9}\ \Phi_{45}^{7}\ \Phi_{27}^{7}\ \Phi_{15}^{7}\ \Phi_{9}^{5}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
59430	1075	189	$\frac{1}{21}$	$\frac{2}{27}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{189}^{6}\ \Phi_{63}^{4}\ \Phi_{27}^{7}\ \Phi_{21}^{6}\ \Phi_{9}^{5}\ \Phi_{7}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
59431	1075	180	$\frac{2}{45}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{180}^{6}\ \Phi_{90}^{6}\ \Phi_{60}^{6}\ \Phi_{45}^{7}\ \Phi_{36}^{4}\ \Phi_{30}^{6}\ \Phi_{20}^{6}\ \Phi_{18}^{4}\ \Phi_{15}^{7}\ \Phi_{12}^{6}\ \Phi_{10}^{6}\ \Phi_{9}^{5}\ \Phi_{6}^{6}\ \Phi_{5}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
59432	1075	1260	$\frac{2}{45}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{28}\ \Phi_{15}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
59433	1075	1512	$\frac{1}{14}$	$\frac{2}{27}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
59434	1075	1440	$\frac{2}{45}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{80}\ \Phi_{45}\ \Phi_{32}\ \Phi_{16}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
59435	1075	90	$\frac{2}{45}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{90}^{12}\ \Phi_{45}^{13}\ \Phi_{30}^{12}\ \Phi_{18}^{12}\ \Phi_{15}^{13}\ \Phi_{10}^{12}\ \Phi_{9}^{13}\ \Phi_{6}^{4}\ \Phi_{5}^{13}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
59436	1075	432	$\frac{2}{27}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{432}^{3}\ \Phi_{216}^{3}\ \Phi_{144}^{3}\ \Phi_{108}^{3}\ \Phi_{72}^{3}\ \Phi_{48}\ \Phi_{36}^{3}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
59437	1075	1323	$\frac{2}{27}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{49}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
59438	1075	1584	$\frac{19}{528}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{509}{1584}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{144}\ \Phi_{99}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
59439	1075	1296	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{221}{1296}$	$\frac{103}{324}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
59440	1075	252	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{20}{63}$	$\Phi_{252}^{3}\ \Phi_{126}^{3}\ \Phi_{84}^{6}\ \Phi_{63}^{4}\ \Phi_{42}^{6}\ \Phi_{36}^{4}\ \Phi_{28}^{6}\ \Phi_{21}^{6}\ \Phi_{18}^{4}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{9}^{5}\ \Phi_{7}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
59441	1075	252	$\frac{1}{21}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{20}{63}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{63}^{7}\ \Phi_{36}^{6}\ \Phi_{28}\ \Phi_{18}^{6}\ \Phi_{14}\ \Phi_{9}^{7}\ \Phi_{7}\ \Phi_{1}$
59442	1075	2016	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{20}{63}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{288}\ \Phi_{144}\ \Phi_{63}\ \Phi_{32}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
59443	1075	126	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{20}{63}$	$\Phi_{126}^{12}\ \Phi_{63}^{13}\ \Phi_{18}^{12}\ \Phi_{9}^{13}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
59444	1075	312	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{97}{312}$	$\Phi_{312}^{3}\ \Phi_{156}^{3}\ \Phi_{104}^{4}\ \Phi_{78}^{3}\ \Phi_{52}^{4}\ \Phi_{39}^{3}\ \Phi_{26}^{4}\ \Phi_{24}^{5}\ \Phi_{13}^{4}\ \Phi_{12}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
59445	1075	504	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{56}$	$\frac{11}{36}$	$\Phi_{504}^{4}\ \Phi_{252}^{2}\ \Phi_{126}^{2}\ \Phi_{72}^{4}\ \Phi_{63}^{2}\ \Phi_{56}\ \Phi_{36}^{3}\ \Phi_{28}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
59446	1075	144	$\frac{1}{12}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{11}{36}$	$\Phi_{144}^{12}\ \Phi_{72}^{12}\ \Phi_{48}\ \Phi_{36}^{7}\ \Phi_{24}\ \Phi_{18}^{7}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}^{7}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
59447	1075	1764	$\frac{1}{12}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{11}{36}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{441}\ \Phi_{49}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
59448	1075	1512	$\frac{5}{72}$	$\frac{67}{504}$	$\frac{1}{6}$	$\frac{437}{1512}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
59449	1075	780	$\frac{1}{26}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{195}^{2}\ \Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{60}\ \Phi_{52}^{2}\ \Phi_{39}^{2}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
59450	1075	288	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{23}{96}$	$\frac{73}{288}$	$\Phi_{288}^{5}\ \Phi_{144}^{5}\ \Phi_{72}^{5}\ \Phi_{36}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
59451	1075	56	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{13}{56}$	$\frac{1}{4}$	$\Phi_{56}^{25}\ \Phi_{28}^{14}\ \Phi_{14}^{13}\ \Phi_{8}^{25}\ \Phi_{7}^{13}\ \Phi_{4}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
59452	1075	336	$\frac{5}{48}$	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{112}^{4}\ \Phi_{84}^{2}\ \Phi_{56}^{4}\ \Phi_{48}\ \Phi_{42}^{2}\ \Phi_{28}^{3}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{16}\ \Phi_{14}^{3}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}^{3}\ \Phi_{4}\ \Phi_{1}$
59453	1075	196	$\frac{3}{28}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{196}^{6}\ \Phi_{98}^{6}\ \Phi_{49}^{7}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
59454	1075	224	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{13}{56}$	$\Phi_{224}^{6}\ \Phi_{112}^{6}\ \Phi_{56}\ \Phi_{32}^{7}\ \Phi_{28}\ \Phi_{16}^{7}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
59455	1075	168	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{13}{56}$	$\Phi_{168}^{8}\ \Phi_{84}^{8}\ \Phi_{56}^{9}\ \Phi_{28}^{9}\ \Phi_{24}^{8}\ \Phi_{12}^{8}\ \Phi_{8}^{9}\ \Phi_{6}^{4}\ \Phi_{4}^{9}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
59456	1075	96	$\frac{5}{48}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{32}$	$\Phi_{96}^{14}\ \Phi_{48}^{7}\ \Phi_{32}^{15}\ \Phi_{24}^{9}\ \Phi_{16}^{8}\ \Phi_{12}^{9}\ \Phi_{8}^{9}\ \Phi_{6}^{8}\ \Phi_{4}^{9}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
59457	1075	1568	$\frac{6}{49}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{32}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{49}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
59458	1075	1152	$\frac{77}{1152}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
59459	1075	264	$\frac{19}{264}$	$\frac{1}{6}$	$\frac{49}{264}$	$\frac{5}{24}$	$\Phi_{264}^{4}\ \Phi_{132}^{4}\ \Phi_{88}^{4}\ \Phi_{66}^{4}\ \Phi_{44}^{4}\ \Phi_{33}^{4}\ \Phi_{24}^{5}\ \Phi_{22}^{4}\ \Phi_{12}^{5}\ \Phi_{11}^{4}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
59460	1075	54	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{5}{27}$	$\frac{11}{54}$	$\Phi_{54}^{19}\ \Phi_{27}^{21}\ \Phi_{18}^{19}\ \Phi_{9}^{21}\ \Phi_{6}^{18}\ \Phi_{3}^{20}\ \Phi_{2}^{18}\ \Phi_{1}^{21}$
59461	1075	48	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{48}^{25}\ \Phi_{24}^{25}\ \Phi_{16}^{25}\ \Phi_{12}^{25}\ \Phi_{8}^{25}\ \Phi_{6}^{4}\ \Phi_{4}^{25}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
59462	1075	252	$\frac{5}{42}$	$\frac{37}{252}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{252}^{5}\ \Phi_{126}^{5}\ \Phi_{84}^{5}\ \Phi_{63}^{5}\ \Phi_{36}^{5}\ \Phi_{28}^{5}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
59463	1075	294	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{294}^{4}\ \Phi_{147}^{4}\ \Phi_{98}^{4}\ \Phi_{49}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
59464	1076	1608	$\frac{1}{268}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{267}{536}$	$\Phi_{1608}\ \Phi_{536}^{2}\ \Phi_{24}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
59465	1076	430	$\frac{1}{215}$	$\frac{54}{215}$	$\frac{161}{430}$	$\frac{107}{215}$	$\Phi_{430}^{4}\ \Phi_{215}\ \Phi_{86}^{4}\ \Phi_{43}\ \Phi_{10}^{4}\ \Phi_{5}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
59466	1076	535	$\frac{3}{535}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{266}{535}$	$\Phi_{535}^{2}\ \Phi_{107}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
59467	1076	2670	$\frac{2}{267}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{265}{534}$	$\Phi_{2670}\ \Phi_{890}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
59468	1076	1065	$\frac{11}{1065}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{527}{1065}$	$\Phi_{1065}\ \Phi_{355}\ \Phi_{213}\ \Phi_{71}\ \Phi_{15}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
59469	1076	360	$\frac{1}{90}$	$\frac{1}{5}$	$\frac{91}{360}$	$\frac{89}{180}$	$\Phi_{360}^{4}\ \Phi_{120}^{4}\ \Phi_{90}^{4}\ \Phi_{72}^{4}\ \Phi_{45}^{4}\ \Phi_{40}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{18}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
59470	1076	1596	$\frac{3}{266}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{263}{532}$	$\Phi_{1596}^{2}\ \Phi_{228}^{2}\ \Phi_{84}^{2}\ \Phi_{21}\ \Phi_{12}^{2}$
59471	1076	924	$\frac{1}{77}$	$\frac{39}{308}$	$\frac{1}{3}$	$\frac{38}{77}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{231}\ \Phi_{132}^{2}\ \Phi_{84}^{2}\ \Phi_{66}^{2}\ \Phi_{42}^{2}\ \Phi_{33}\ \Phi_{21}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
59472	1076	530	$\frac{4}{265}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{261}{530}$	$\Phi_{530}^{4}\ \Phi_{106}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
59473	1076	1620	$\frac{1}{54}$	$\frac{55}{324}$	$\frac{1}{5}$	$\frac{53}{108}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
59474	1076	528	$\frac{5}{264}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{259}{528}$	$\Phi_{528}^{4}\ \Phi_{176}^{4}\ \Phi_{48}^{4}\ \Phi_{33}\ \Phi_{16}^{4}$
59475	1076	2640	$\frac{5}{264}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{259}{528}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{240}\ \Phi_{80}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
59476	1076	294	$\frac{1}{49}$	$\frac{25}{294}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{294}^{4}\ \Phi_{147}^{3}\ \Phi_{98}^{4}\ \Phi_{49}^{4}\ \Phi_{42}^{4}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
59477	1076	516	$\frac{1}{43}$	$\frac{11}{258}$	$\frac{247}{516}$	$\frac{21}{43}$	$\Phi_{516}^{4}\ \Phi_{172}^{4}\ \Phi_{43}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{1}^{2}$
59478	1076	387	$\frac{1}{43}$	$\frac{11}{129}$	$\frac{118}{387}$	$\frac{21}{43}$	$\Phi_{387}^{4}\ \Phi_{43}\ \Phi_{9}^{4}\ \Phi_{1}^{2}$
59479	1076	301	$\frac{1}{43}$	$\frac{32}{301}$	$\frac{11}{43}$	$\frac{21}{43}$	$\Phi_{301}^{4}\ \Phi_{43}\ \Phi_{7}^{4}\ \Phi_{1}^{2}$
59480	1076	344	$\frac{1}{43}$	$\frac{11}{86}$	$\frac{75}{344}$	$\frac{21}{43}$	$\Phi_{344}^{4}\ \Phi_{172}^{4}\ \Phi_{43}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{1}^{2}$
59481	1076	645	$\frac{1}{43}$	$\frac{107}{645}$	$\frac{22}{129}$	$\frac{21}{43}$	$\Phi_{645}^{2}\ \Phi_{215}^{2}\ \Phi_{43}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
59482	1076	525	$\frac{13}{525}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{256}{525}$	$\Phi_{525}^{2}\ \Phi_{175}^{2}\ \Phi_{105}^{2}\ \Phi_{75}^{2}\ \Phi_{35}^{2}\ \Phi_{25}^{3}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
59483	1076	525	$\frac{13}{525}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{256}{525}$	$\Phi_{525}^{2}\ \Phi_{175}^{2}\ \Phi_{105}^{2}\ \Phi_{75}^{2}\ \Phi_{35}^{2}\ \Phi_{25}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{4}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
59484	1076	2610	$\frac{8}{261}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{253}{522}$	$\Phi_{2610}\ \Phi_{870}\ \Phi_{290}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
59485	1076	300	$\frac{1}{30}$	$\frac{31}{300}$	$\frac{1}{5}$	$\frac{29}{60}$	$\Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{100}^{4}\ \Phi_{75}^{4}\ \Phi_{50}^{4}\ \Phi_{30}^{4}\ \Phi_{25}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
59486	1076	520	$\frac{9}{260}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{251}{520}$	$\Phi_{520}^{4}\ \Phi_{104}^{4}\ \Phi_{40}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
59487	1076	1035	$\frac{41}{1035}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{497}{1035}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}\ \Phi_{115}\ \Phi_{69}\ \Phi_{45}^{2}\ \Phi_{23}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
59488	1076	350	$\frac{1}{25}$	$\frac{13}{175}$	$\frac{81}{350}$	$\frac{12}{25}$	$\Phi_{350}^4\ \Phi_{175}^2\ \Phi_{70}^4\ \Phi_{50}^4\ \Phi_{35}^2\ \Phi_{25}^3\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^2\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
59489	1076	300	$\frac{1}{25}$	$\frac{31}{300}$	$\frac{13}{75}$	$\frac{12}{25}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^2\ \Phi_{60}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^3\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
59490	1076	516	$\frac{11}{258}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{247}{516}$	$\Phi_{516}^4\ \Phi_{172}^4\ \Phi_{43}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_1^2$
59491	1076	510	$\frac{14}{255}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{241}{510}$	$\Phi_{510}^4\ \Phi_{170}^4\ \Phi_{102}^4\ \Phi_{34}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
59492	1076	1440	$\frac{1}{18}$	$\frac{19}{288}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
59493	1076	2520	$\frac{1}{18}$	$\frac{17}{252}$	$\frac{1}{5}$	$\frac{235}{504}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{360}\ \Phi_{280}\ \Phi_{120}\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
59494	1076	500	$\frac{1}{25}$	$\frac{19}{250}$	$\frac{6}{25}$	$\frac{231}{500}$	$\Phi_{500}^4\ \Phi_{100}^4\ \Phi_{25}^3\ \Phi_{20}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
59495	1076	495	$\frac{2}{45}$	$\frac{43}{495}$	$\frac{1}{5}$	$\frac{226}{495}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{55}^2\ \Phi_{45}^4\ \Phi_{33}^2\ \Phi_{15}^4\ \Phi_{11}^2\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
59496	1076	825	$\frac{6}{275}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{825}^2\ \Phi_{165}^2\ \Phi_{75}^2\ \Phi_{33}\ \Phi_{15}^2$
59497	1076	1470	$\frac{1}{49}$	$\frac{24}{245}$	$\frac{1}{3}$	$\frac{221}{490}$	$\Phi_{1470}^2\ \Phi_{294}^2\ \Phi_{210}^2\ \Phi_{147}\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_6^2$
59498	1076	280	$\frac{11}{280}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
59499	1076	2430	$\frac{1}{27}$	$\frac{26}{243}$	$\frac{1}{5}$	$\frac{217}{486}$	$\Phi_{2430}\ \Phi_{810}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
59500	1076	480	$\frac{1}{30}$	$\frac{29}{240}$	$\frac{1}{5}$	$\frac{211}{480}$	$\Phi_{480}^4\ \Phi_{160}^4\ \Phi_{96}^4\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
59501	1076	945	$\frac{4}{135}$	$\frac{131}{945}$	$\frac{1}{5}$	$\frac{407}{945}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
59502	1076	273	$\frac{4}{273}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{273}^4\ \Phi_{91}^4\ \Phi_{39}^4\ \Phi_{21}^3\ \Phi_{13}^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
59503	1076	462	$\frac{1}{77}$	$\frac{38}{231}$	$\frac{1}{3}$	$\frac{193}{462}$	$\Phi_{462}^4\ \Phi_{231}\ \Phi_{154}^4\ \Phi_{66}^4\ \Phi_{42}^4\ \Phi_{33}\ \Phi_{22}^4\ \Phi_{21}\ \Phi_{14}^4\ \Phi_6^4\ \Phi_2^4$
59504	1076	1380	$\frac{7}{276}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{230}\ \Phi_{115}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
59505	1076	450	$\frac{1}{45}$	$\frac{44}{225}$	$\frac{1}{5}$	$\frac{181}{450}$	$\Phi_{450}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{50}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
59506	1076	300	$\frac{1}{25}$	$\frac{31}{300}$	$\frac{6}{25}$	$\frac{19}{50}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^4\ \Phi_{60}^4\ \Phi_{30}^4\ \Phi_{25}^3\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
59507	1076	2160	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{53}{216}$	$\frac{163}{432}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{270}\ \Phi_{240}\ \Phi_{135}\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
59508	1076	275	$\frac{6}{275}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{275}^4\ \Phi_{55}^4\ \Phi_{25}^3\ \Phi_{11}^4\ \Phi_5^3\ \Phi_1^4$
59509	1076	825	$\frac{1}{25}$	$\frac{24}{275}$	$\frac{251}{825}$	$\frac{287}{825}$	$\Phi_{825}\ \Phi_{275}^2\ \Phi_{165}\ \Phi_{75}\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{25}\ \Phi_{15}\ \Phi_{11}^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
59510	1076	405	$\frac{2}{135}$	$\frac{1}{5}$	$\frac{133}{405}$	$\frac{136}{405}$	$\Phi_{405}^2\ \Phi_{135}^4\ \Phi_{81}^2\ \Phi_{45}^4\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
59511	1076	402	$\frac{1}{134}$	$\frac{133}{402}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{402}^3\ \Phi_{201}^3\ \Phi_{134}^2\ \Phi_{67}^2\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
59512	1076	816	$\frac{3}{272}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}^2\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}^2\ \Phi_{24}\ \Phi_{17}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
59513	1076	1005	$\frac{1}{67}$	$\frac{66}{335}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1005}\ \Phi_{335}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
59514	1076	693	$\frac{1}{77}$	$\frac{155}{693}$	$\frac{76}{231}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{231}\ \Phi_{99}^2\ \Phi_{63}^2\ \Phi_{33}\ \Phi_{21}\ \Phi_9^2$
59515	1076	399	$\frac{3}{133}$	$\frac{1}{7}$	$\frac{130}{399}$	$\frac{1}{3}$	$\Phi_{399}^2\ \Phi_{133}^4\ \Phi_{57}^2\ \Phi_{21}^3\ \Phi_{19}^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
59516	1076	396	$\frac{5}{132}$	$\frac{1}{11}$	$\frac{127}{396}$	$\frac{1}{3}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{99}^4\ \Phi_{36}^4\ \Phi_{33}\ \Phi_{18}^4\ \Phi_9^4$
59517	1076	561	$\frac{23}{561}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{561}^2\ \Phi_{187}^2\ \Phi_{51}^2\ \Phi_{33}\ \Phi_{17}^2$
59518	1076	735	$\frac{1}{49}$	$\frac{48}{245}$	$\frac{197}{735}$	$\frac{1}{3}$	$\Phi_{735}\ \Phi_{245}^2\ \Phi_{147}^2\ \Phi_{105}\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
59519	1076	1056	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{83}{352}$	$\frac{1}{3}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{33}$
59520	1076	858	$\frac{17}{286}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{33}$
59521	1076	840	$\frac{11}{280}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{12}^2$
59522	1076	1995	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{127}{665}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{285}\ \Phi_{105}\ \Phi_{21}\ \Phi_{15}$
59523	1076	330	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{61}{330}$	$\frac{1}{3}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{110}^4\ \Phi_{55}^4\ \Phi_{33}\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_5^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
59524	1076	297	$\frac{1}{11}$	$\frac{28}{297}$	$\frac{5}{33}$	$\frac{1}{3}$	$\Phi_{297}^4\ \Phi_{99}^4\ \Phi_{33}\ \Phi_{27}^4\ \Phi_{9}^4$
59525	1076	924	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{308}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{231}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{21}^2$
59526	1076	1620	$\frac{1}{27}$	$\frac{55}{324}$	$\frac{1}{5}$	$\frac{26}{81}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
59527	1076	1980	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{127}{396}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
59528	1076	390	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{121}{390}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{78}^4\ \Phi_{39}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
59529	1076	387	$\frac{3}{43}$	$\frac{11}{129}$	$\frac{10}{43}$	$\frac{118}{387}$	$\Phi_{387}^4\ \Phi_{43}\ \Phi_{9}^4\ \Phi_{1}^2$
59530	1076	1890	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{1}{5}$	$\frac{109}{378}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
59531	1076	375	$\frac{1}{25}$	$\frac{19}{125}$	$\frac{6}{25}$	$\frac{106}{375}$	$\Phi_{375}^4\ \Phi_{75}^4\ \Phi_{25}^3\ \Phi_{15}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{1}^4$
59532	1076	301	$\frac{3}{43}$	$\frac{32}{301}$	$\frac{10}{43}$	$\frac{11}{43}$	$\Phi_{301}^4\ \Phi_{43}\ \Phi_{7}^4\ \Phi_{1}^2$
59533	1076	360	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{29}{120}$	$\frac{91}{360}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
59534	1076	332	$\frac{3}{83}$	$\frac{63}{332}$	$\frac{20}{83}$	$\frac{1}{4}$	$\Phi_{332}^3\ \Phi_{166}^3\ \Phi_{83}^4\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^4$
59535	1076	344	$\frac{3}{43}$	$\frac{11}{86}$	$\frac{75}{344}$	$\frac{10}{43}$	$\Phi_{344}^4\ \Phi_{172}^4\ \Phi_{43}\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{1}^2$
59536	1076	1440	$\frac{19}{288}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
59537	1076	330	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{330}$	$\frac{1}{5}$	$\Phi_{330}^3\ \Phi_{165}^3\ \Phi_{110}^3\ \Phi_{66}^4\ \Phi_{55}^3\ \Phi_{33}^4\ \Phi_{30}^4\ \Phi_{22}^4\ \Phi_{15}^4\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
59538	1076	300	$\frac{31}{300}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{5}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^2\ \Phi_{60}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^2\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
59539	1076	315	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{46}{315}$	$\frac{1}{5}$	$\Phi_{315}^4\ \Phi_{105}^2\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^4\ \Phi_{9}^4\ \Phi_{7}^2\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{1}^4$
59540	1077	2144	$\frac{5}{1072}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1067}{2144}$	$\Phi_{2144}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
59541	1077	1428	$\frac{2}{357}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{355}{714}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{357}\ \Phi_{204}\ \Phi_{119}\ \Phi_{84}\ \Phi_{68}\ \Phi_{51}\ \Phi_{28}\ \Phi_{21}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
59542	1077	480	$\frac{1}{120}$	$\frac{1}{4}$	$\frac{121}{480}$	$\frac{119}{240}$	$\Phi_{480}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
59543	1077	712	$\frac{3}{356}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{353}{712}$	$\Phi_{712}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
59544	1077	1420	$\frac{4}{355}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{351}{710}$	$\Phi_{1420}\ \Phi_{355}\ \Phi_{284}\ \Phi_{71}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
59545	1077	432	$\frac{1}{72}$	$\frac{73}{432}$	$\frac{1}{4}$	$\frac{71}{144}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{9}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
59546	1077	708	$\frac{5}{354}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{349}{708}$	$\Phi_{708}\ \Phi_{354}^2\ \Phi_{236}\ \Phi_{177}^2\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
59547	1077	2120	$\frac{17}{1060}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1043}{2120}$	$\Phi_{2120}\ \Phi_{424}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
59548	1077	704	$\frac{7}{352}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{345}{704}$	$\Phi_{704}^3\ \Phi_{64}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
59549	1077	1404	$\frac{8}{351}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{343}{702}$	$\Phi_{1404}\ \Phi_{468}\ \Phi_{351}\ \Phi_{156}\ \Phi_{117}\ \Phi_{108}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
59550	1077	400	$\frac{1}{40}$	$\frac{41}{400}$	$\frac{1}{4}$	$\frac{39}{80}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_{8}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
59551	1077	700	$\frac{9}{350}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{341}{700}$	$\Phi_{700}\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_{7}^2\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
59552	1077	696	$\frac{11}{348}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{337}{696}$	$\Phi_{696}^3\ \Phi_{232}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
59553	1077	2080	$\frac{37}{1040}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1003}{2080}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
59554	1077	1380	$\frac{14}{345}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{331}{690}$	$\Phi_{1380}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}\ \Phi_{115}\ \Phi_{92}\ \Phi_{69}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
59555	1077	384	$\frac{1}{24}$	$\frac{25}{384}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
59556	1077	684	$\frac{17}{342}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{325}{684}$	$\Phi_{684}\ \Phi_{342}^2\ \Phi_{228}\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{76}\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{36}^3\ \Phi_{19}^2\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{9}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
59557	1077	680	$\frac{1}{20}$	$\frac{19}{340}$	$\frac{1}{4}$	$\frac{321}{680}$	$\Phi_{680}^3\ \Phi_{136}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
59558	1077	672	$\frac{1}{24}$	$\frac{23}{336}$	$\frac{1}{4}$	$\frac{313}{672}$	$\Phi_{672}^3\ \Phi_{224}^3\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
59559	1077	1120	$\frac{43}{1120}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
59560	1077	660	$\frac{1}{30}$	$\frac{29}{330}$	$\frac{1}{4}$	$\frac{301}{660}$	$\Phi_{660}\ \Phi_{330}^2\ \Phi_{220}\ \Phi_{165}^2\ \Phi_{132}\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^3\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{30}^3\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
59561	1077	648	$\frac{1}{36}$	$\frac{35}{324}$	$\frac{1}{4}$	$\frac{289}{648}$	$\Phi_{648}^3\ \Phi_{216}^3\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
59562	1077	640	$\frac{1}{40}$	$\frac{39}{320}$	$\frac{1}{4}$	$\frac{281}{640}$	$\Phi_{640}^3\ \Phi_{128}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
59563	1077	368	$\frac{9}{368}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{368}^3\ \Phi_{184}^3\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{23}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
59564	1077	1260	$\frac{1}{45}$	$\frac{44}{315}$	$\frac{1}{4}$	$\frac{271}{630}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
59565	1077	600	$\frac{1}{60}$	$\frac{59}{300}$	$\frac{1}{4}$	$\frac{241}{600}$	$\Phi_{600}^3\ \Phi_{200}^3\ \Phi_{120}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
59566	1077	576	$\frac{1}{72}$	$\frac{71}{288}$	$\frac{1}{4}$	$\frac{217}{576}$	$\Phi_{576}^3\ \Phi_{192}^3\ \Phi_{72}^3\ \Phi_{64}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
59567	1077	536	$\frac{5}{536}$	$\frac{1}{4}$	$\frac{177}{536}$	$\frac{3}{8}$	$\Phi_{536}^2\ \Phi_{268}^2\ \Phi_{134}^2\ \Phi_{67}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
59568	1077	1088	$\frac{11}{1088}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1088}\ \Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{64}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_8\ \Phi_1$
59569	1077	540	$\frac{1}{90}$	$\frac{1}{4}$	$\frac{89}{270}$	$\frac{181}{540}$	$\Phi_{540}\ \Phi_{270}^2\ \Phi_{180}^3\ \Phi_{135}^2\ \Phi_{108}\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{27}^2\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
59570	1077	408	$\frac{2}{51}$	$\frac{49}{408}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{408}^3\ \Phi_{204}^2\ \Phi_{136}^3\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^3\ \Phi_{34}^2\ \Phi_{24}^3\ \Phi_{17}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
59571	1077	756	$\frac{19}{378}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}\ \Phi_{252}^2\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}^2\ \Phi_{84}\ \Phi_{63}\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
59572	1077	432	$\frac{1}{36}$	$\frac{73}{432}$	$\frac{1}{4}$	$\frac{35}{108}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
59573	1077	528	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{169}{528}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{48}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
59574	1077	520	$\frac{37}{520}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{161}{520}$	$\Phi_{520}^2\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{104}^2\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{40}^3\ \Phi_{26}^2\ \Phi_{20}^3\ \Phi_{13}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
59575	1077	756	$\frac{19}{378}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{756}^2\ \Phi_{378}\ \Phi_{252}^2\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
59576	1077	504	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{1}{4}$	$\frac{145}{504}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{126}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
59577	1077	480	$\frac{1}{40}$	$\frac{39}{160}$	$\frac{1}{4}$	$\frac{121}{480}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
59578	1077	468	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{109}{468}$	$\frac{1}{4}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^3\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{36}^3\ \Phi_{26}^2\ \Phi_{18}^3\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
59579	1077	384	$\frac{25}{384}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
59580	1077	440	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{81}{440}$	$\frac{1}{4}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{55}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
59581	1077	400	$\frac{1}{10}$	$\frac{41}{400}$	$\frac{9}{50}$	$\frac{1}{4}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}\ \Phi_{80}^3\ \Phi_{50}^2\ \Phi_{40}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
59582	1077	420	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{420}$	$\frac{1}{4}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{28}\ \Phi_{21}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
59583	1078	1074	$\frac{2}{537}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{535}{1074}$	$\Phi_{1074}^2\ \Phi_{358}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
59584	1078	720	$\frac{1}{180}$	$\frac{181}{720}$	$\frac{1}{3}$	$\frac{179}{360}$	$\Phi_{720}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
59585	1078	3216	$\frac{3}{536}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{533}{1072}$	$\Phi_{3216}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
59586	1078	612	$\frac{1}{153}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{76}{153}$	$\Phi_{612}^{3}\,\Phi_{204}^{3}\,\Phi_{153}\,\Phi_{68}^{3}\,\Phi_{51}\,\Phi_{36}^{3}\,\Phi_{17}\,\Phi_{12}^{4}\,\Phi_{9}\,\Phi_{4}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
59587	1078	153	$\frac{1}{153}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{76}{153}$	$\Phi_{153}^{7}\,\Phi_{51}^{7}\,\Phi_{17}^{7}\,\Phi_{9}^{8}\,\Phi_{3}^{7}\,\Phi_{1}^{8}$
59588	1078	3210	$\frac{4}{535}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{531}{1070}$	$\Phi_{3210}\,\Phi_{642}\,\Phi_{30}\,\Phi_{15}\,\Phi_{6}$
59589	1078	648	$\frac{1}{108}$	$\frac{109}{648}$	$\frac{1}{3}$	$\frac{107}{216}$	$\Phi_{648}^{2}\,\Phi_{324}^{2}\,\Phi_{162}^{2}\,\Phi_{108}^{2}\,\Phi_{81}^{2}\,\Phi_{54}^{2}\,\Phi_{36}^{2}\,\Phi_{27}^{2}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
59590	1078	1068	$\frac{5}{534}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{529}{1068}$	$\Phi_{1068}^{2}\,\Phi_{356}^{2}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
59591	1078	1940	$\frac{1}{97}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{48}{97}$	$\Phi_{1940}\,\Phi_{388}\,\Phi_{97}\,\Phi_{20}^{2}\,\Phi_{4}^{2}\,\Phi_{1}^{2}$
59592	1078	1455	$\frac{1}{97}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{48}{97}$	$\Phi_{1455}\,\Phi_{291}\,\Phi_{97}\,\Phi_{15}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
59593	1078	1065	$\frac{13}{1065}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{526}{1065}$	$\Phi_{1065}\,\Phi_{355}\,\Phi_{213}\,\Phi_{71}\,\Phi_{15}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
59594	1078	1976	$\frac{1}{76}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{75}{152}$	$\Phi_{1976}\,\Phi_{152}^{2}\,\Phi_{104}\,\Phi_{13}\,\Phi_{8}^{2}\,\Phi_{1}^{2}$
59595	1078	456	$\frac{1}{76}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{75}{152}$	$\Phi_{456}^{3}\,\Phi_{228}^{4}\,\Phi_{114}^{4}\,\Phi_{57}^{4}\,\Phi_{24}^{4}\,\Phi_{12}^{5}\,\Phi_{6}^{5}\,\Phi_{3}^{4}$
59596	1078	1062	$\frac{8}{531}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{523}{1062}$	$\Phi_{1062}^{2}\,\Phi_{354}^{2}\,\Phi_{118}^{2}\,\Phi_{18}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
59597	1078	600	$\frac{1}{60}$	$\frac{61}{600}$	$\frac{1}{3}$	$\frac{59}{120}$	$\Phi_{600}^{2}\,\Phi_{300}^{2}\,\Phi_{200}^{2}\,\Phi_{150}^{2}\,\Phi_{100}^{2}\,\Phi_{75}^{2}\,\Phi_{60}^{2}\,\Phi_{50}^{2}\,\Phi_{30}^{2}\,\Phi_{25}^{2}\,\Phi_{20}^{2}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{10}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
59598	1078	3180	$\frac{9}{530}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{521}{1060}$	$\Phi_{3180}\,\Phi_{636}\,\Phi_{60}\,\Phi_{30}\,\Phi_{15}\,\Phi_{12}\,\Phi_{6}$
59599	1078	672	$\frac{1}{48}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{47}{96}$	$\Phi_{672}^{3}\,\Phi_{224}^{3}\,\Phi_{96}^{4}\,\Phi_{32}^{4}\,\Phi_{21}\,\Phi_{7}\,\Phi_{3}\,\Phi_{1}^{2}$
59600	1078	96	$\frac{1}{48}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{96}^{22}\,\Phi_{32}^{22}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
59601	1078	672	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{47}{96}$	$\Phi_{672}^{3}\,\Phi_{224}^{3}\,\Phi_{96}^{4}\,\Phi_{32}^{4}\,\Phi_{14}^{2}\,\Phi_{7}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
59602	1078	1053	$\frac{25}{1053}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{514}{1053}$	$\Phi_{1053}\,\Phi_{351}\,\Phi_{117}\,\Phi_{81}\,\Phi_{39}\,\Phi_{27}^{2}\,\Phi_{13}\,\Phi_{9}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
59603	1078	150	$\frac{2}{75}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{150}^{14}\,\Phi_{50}^{14}\,\Phi_{30}^{14}\,\Phi_{15}^{2}\,\Phi_{10}^{14}\,\Phi_{6}^{14}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{2}^{14}\,\Phi_{1}^{2}$
59604	1078	600	$\frac{2}{75}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{73}{150}$	$\Phi_{600}^{2}\,\Phi_{300}^{2}\,\Phi_{200}^{2}\,\Phi_{120}^{2}\,\Phi_{100}^{2}\,\Phi_{75}^{2}\,\Phi_{60}^{2}\,\Phi_{40}^{3}\,\Phi_{25}^{2}\,\Phi_{24}^{2}\,\Phi_{20}^{3}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{10}\,\Phi_{8}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
59605	1078	576	$\frac{1}{36}$	$\frac{37}{576}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{576}^{2}\,\Phi_{288}^{2}\,\Phi_{192}^{2}\,\Phi_{144}^{2}\,\Phi_{96}^{2}\,\Phi_{64}^{2}\,\Phi_{48}^{2}\,\Phi_{36}^{2}\,\Phi_{32}^{2}\,\Phi_{18}^{2}\,\Phi_{16}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
59606	1078	132	$\frac{1}{33}$	$\frac{1}{12}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{132}^{9}\,\Phi_{66}^{7}\,\Phi_{44}^{9}\,\Phi_{33}^{8}\,\Phi_{22}^{7}\,\Phi_{12}^{8}\,\Phi_{11}^{8}\,\Phi_{6}^{6}\,\Phi_{4}^{8}\,\Phi_{3}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{8}$
59607	1078	744	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{16}{93}$	$\frac{15}{31}$	$\Phi_{744}^{2}\,\Phi_{372}^{2}\,\Phi_{248}\,\Phi_{186}^{2}\,\Phi_{124}\,\Phi_{62}\,\Phi_{24}^{2}\,\Phi_{12}^{2}\,\Phi_{6}^{2}$
59608	1078	1044	$\frac{17}{522}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{505}{1044}$	$\Phi_{1044}^{2}\,\Phi_{348}^{2}\,\Phi_{116}^{2}\,\Phi_{36}^{2}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
59609	1078	3120	$\frac{19}{520}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{501}{1040}$	$\Phi_{3120}\,\Phi_{624}\,\Phi_{240}\,\Phi_{60}\,\Phi_{48}\,\Phi_{30}\,\Phi_{15}\,\Phi_{12}\,\Phi_{6}$
59610	1078	1560	$\frac{1}{26}$	$\frac{1}{15}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{1560}\,\Phi_{520}\,\Phi_{390}\,\Phi_{312}\,\Phi_{195}\,\Phi_{130}\,\Phi_{120}\,\Phi_{78}\,\Phi_{65}\,\Phi_{40}\,\Phi_{39}\,\Phi_{30}\,\Phi_{24}\,\Phi_{10}\,\Phi_{6}$
59611	1078	1035	$\frac{43}{1035}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{496}{1035}$	$\Phi_{1035}\,\Phi_{345}\,\Phi_{207}\,\Phi_{115}\,\Phi_{69}\,\Phi_{45}^{2}\,\Phi_{23}\,\Phi_{15}^{2}\,\Phi_{9}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
59612	1078	357	$\frac{2}{51}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{357}^{3}\,\Phi_{119}^{3}\,\Phi_{51}^{4}\,\Phi_{21}\,\Phi_{17}^{4}\,\Phi_{7}\,\Phi_{3}\,\Phi_{1}^{2}$
59613	1078	504	$\frac{1}{24}$	$\frac{1}{21}$	$\frac{23}{72}$	$\frac{10}{21}$	$\Phi_{504}^{3}\,\Phi_{252}^{3}\,\Phi_{126}^{3}\,\Phi_{72}^{4}\,\Phi_{63}^{3}\,\Phi_{36}^{4}\,\Phi_{21}\,\Phi_{18}^{4}\,\Phi_{9}^{4}\,\Phi_{7}\,\Phi_{3}\,\Phi_{1}^{2}$
59614	1078	1092	$\frac{1}{21}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{1092}\,\Phi_{546}\,\Phi_{364}\,\Phi_{273}\,\Phi_{182}\,\Phi_{156}\,\Phi_{91}\,\Phi_{78}\,\Phi_{52}^{2}\,\Phi_{39}\,\Phi_{26}^{2}\,\Phi_{21}\,\Phi_{13}^{2}\,\Phi_{7}\,\Phi_{3}\,\Phi_{1}^{2}$
59615	1078	1344	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{10}{21}$	$\Phi_{1344}\,\Phi_{672}\,\Phi_{448}\,\Phi_{224}\,\Phi_{192}\,\Phi_{96}\,\Phi_{64}^{2}\,\Phi_{32}^{2}\,\Phi_{21}\,\Phi_{7}\,\Phi_{3}\,\Phi_{1}^{2}$
59616	1078	420	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{10}{21}$	$\Phi_{420}^{3}\,\Phi_{210}^{3}\,\Phi_{140}^{3}\,\Phi_{105}^{3}\,\Phi_{70}^{3}\,\Phi_{60}^{4}\,\Phi_{35}^{3}\,\Phi_{30}^{4}\,\Phi_{21}\,\Phi_{20}^{4}\,\Phi_{15}^{4}\,\Phi_{10}^{4}\,\Phi_{7}\,\Phi_{5}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
59617	1078	378	$\frac{1}{21}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{10}{21}$	$\Phi_{378}^{3}\,\Phi_{189}^{3}\,\Phi_{126}^{3}\,\Phi_{63}^{3}\,\Phi_{54}^{4}\,\Phi_{27}^{4}\,\Phi_{21}\,\Phi_{18}^{4}\,\Phi_{9}^{4}\,\Phi_{7}\,\Phi_{3}\,\Phi_{1}^{2}$
59618	1078	168	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{10}{21}$	$\Phi_{168}^{6}\,\Phi_{84}^{6}\,\Phi_{56}^{6}\,\Phi_{42}^{6}\,\Phi_{28}^{6}\,\Phi_{24}^{6}\,\Phi_{21}^{7}\,\Phi_{14}^{6}\,\Phi_{12}^{6}\,\Phi_{8}^{12}\,\Phi_{7}^{7}\,\Phi_{6}^{6}\,\Phi_{4}^{12}\,\Phi_{3}^{7}\,\Phi_{2}^{12}\,\Phi_{1}^{14}$
59619	1078	240	$\frac{3}{80}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{240}^{7}\,\Phi_{120}^{6}\,\Phi_{60}^{7}\,\Phi_{48}^{7}\,\Phi_{30}^{7}\,\Phi_{24}^{6}\,\Phi_{15}^{7}\,\Phi_{12}^{7}\,\Phi_{6}^{7}\,\Phi_{3}^{6}$
59620	1078	1026	$\frac{1}{27}$	$\frac{26}{513}$	$\frac{1}{3}$	$\frac{487}{1026}$	$\Phi_{1026}^{2}\,\Phi_{342}^{2}\,\Phi_{114}^{2}\,\Phi_{54}^{2}\,\Phi_{38}^{2}\,\Phi_{27}^{2}\,\Phi_{18}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
59621	1078	1020	$\frac{1}{30}$	$\frac{29}{510}$	$\frac{1}{3}$	$\frac{481}{1020}$	$\Phi_{1020}^2\ \Phi_{340}^2\ \Phi_{204}^2\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
59622	1078	144	$\frac{1}{36}$	$\frac{5}{72}$	$\frac{1}{3}$	$\frac{67}{144}$	$\Phi_{144}^{14}\ \Phi_{48}^{14}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{16}^{14}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
59623	1078	720	$\frac{1}{15}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{144}^2\ \Phi_{80}^3\ \Phi_{48}^2\ \Phi_{30}^3\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
59624	1078	1482	$\frac{1}{38}$	$\frac{1}{13}$	$\frac{37}{114}$	$\frac{6}{13}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{114}^2\ \Phi_{78}\ \Phi_{57}^2\ \Phi_{39}\ \Phi_{13}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
59625	1078	1040	$\frac{3}{80}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{80}^2\ \Phi_{65}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_1^2$
59626	1078	1235	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{18}{95}$	$\frac{6}{13}$	$\Phi_{1235}\ \Phi_{95}^2\ \Phi_{65}\ \Phi_{13}\ \Phi_5^2\ \Phi_1^2$
59627	1078	494	$\frac{1}{13}$	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{6}{13}$	$\Phi_{494}^2\ \Phi_{247}^2\ \Phi_{38}^4\ \Phi_{26}^2\ \Phi_{19}^4\ \Phi_{13}^3\ \Phi_2^4\ \Phi_1^6$
59628	1078	312	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{6}{13}$	$\Phi_{312}^4\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{78}^3\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{24}^8\ \Phi_{13}^3\ \Phi_{12}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
59629	1078	1077	$\frac{83}{1077}$	$\frac{85}{1077}$	$\frac{142}{1077}$	$\frac{496}{1077}$	$\Phi_{1077}\ \Phi_{359}\ \Phi_3\ \Phi_1^2$
59630	1078	552	$\frac{13}{552}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{184}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
59631	1078	1240	$\frac{12}{155}$	$\frac{13}{155}$	$\frac{1}{8}$	$\frac{71}{155}$	$\Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
59632	1078	90	$\frac{1}{45}$	$\frac{4}{45}$	$\frac{1}{3}$	$\frac{41}{90}$	$\Phi_{90}^{22}\ \Phi_{45}^2\ \Phi_{30}^{22}\ \Phi_{18}^{22}\ \Phi_{15}^2\ \Phi_{10}^{22}\ \Phi_9^2\ \Phi_6^{22}\ \Phi_5^2\ \Phi_3\ \Phi_2^{22}\ \Phi_1^2$
59633	1078	2070	$\frac{1}{23}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{2070}\ \Phi_{690}\ \Phi_{414}\ \Phi_{230}\ \Phi_{138}\ \Phi_{115}\ \Phi_{46}$
59634	1078	180	$\frac{1}{12}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{90}$	$\Phi_{180}^6\ \Phi_{90}^4\ \Phi_{60}^6\ \Phi_{45}^6\ \Phi_{36}^9\ \Phi_{30}^4\ \Phi_{20}^6\ \Phi_{18}^7\ \Phi_{15}^6\ \Phi_{12}^8\ \Phi_{10}^4\ \Phi_9^8\ \Phi_6^6\ \Phi_5^6\ \Phi_4^8\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
59635	1078	660	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{5}{11}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2$
59636	1078	300	$\frac{1}{50}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{300}^{10}\ \Phi_{150}\ \Phi_{75}\ \Phi_{60}^9\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^9\ \Phi_6$
59637	1078	1380	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{276}\ \Phi_{230}\ \Phi_{138}\ \Phi_{115}\ \Phi_{69}\ \Phi_{46}$
59638	1078	1940	$\frac{6}{97}$	$\frac{1}{10}$	$\frac{13}{97}$	$\frac{9}{20}$	$\Phi_{1940}\ \Phi_{388}\ \Phi_{97}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
59639	1078	120	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{120}^{11}\ \Phi_{60}^6\ \Phi_{40}^9\ \Phi_{30}^{11}\ \Phi_{24}^{11}\ \Phi_{20}^5\ \Phi_{15}^{10}\ \Phi_{12}^6\ \Phi_{10}^9\ \Phi_8^8\ \Phi_6^{11}\ \Phi_5^8\ \Phi_4^4\ \Phi_3^{10}\ \Phi_2^8\ \Phi_1^8$
59640	1078	972	$\frac{1}{54}$	$\frac{53}{486}$	$\frac{1}{3}$	$\frac{433}{972}$	$\Phi_{972}^2\ \Phi_{324}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
59641	1078	108	$\frac{1}{12}$	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{108}^{12}\ \Phi_{54}^{10}\ \Phi_{36}^9\ \Phi_{27}^{10}\ \Phi_{18}^7\ \Phi_{12}^8\ \Phi_9^8\ \Phi_6^6\ \Phi_4^8\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
59642	1078	264	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{88}$	$\Phi_{264}^8\ \Phi_{132}\ \Phi_{88}^6\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}^8\ \Phi_{22}\ \Phi_8^6$
59643	1078	960	$\frac{1}{60}$	$\frac{59}{480}$	$\frac{1}{3}$	$\frac{421}{960}$	$\Phi_{960}^2\ \Phi_{320}^2\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
59644	1078	1077	$\frac{55}{1077}$	$\frac{133}{1077}$	$\frac{146}{1077}$	$\frac{472}{1077}$	$\Phi_{1077}\ \Phi_{359}\ \Phi_3\ \Phi_1^2$
59645	1078	359	$\frac{29}{359}$	$\frac{30}{359}$	$\frac{47}{359}$	$\frac{156}{359}$	$\Phi_{359}^3\ \Phi_1^4$
59646	1078	396	$\frac{8}{99}$	$\frac{1}{12}$	$\frac{13}{99}$	$\frac{43}{99}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^3\ \Phi_{99}^2\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{36}^3\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
59647	1078	1240	$\frac{8}{155}$	$\frac{1}{8}$	$\frac{21}{155}$	$\frac{67}{155}$	$\Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
59648	1078	135	$\frac{2}{135}$	$\frac{19}{135}$	$\frac{1}{3}$	$\frac{58}{135}$	$\Phi_{135}^8\ \Phi_{45}^8\ \Phi_{27}^8\ \Phi_{15}^8\ \Phi_9^8\ \Phi_5^8\ \Phi_3^7\ \Phi_1^8$
59649	1078	156	$\frac{1}{78}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{156}^{12}\ \Phi_{78}^2\ \Phi_{52}^{12}\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{12}^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
59650	1078	204	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{25}{102}$	$\frac{5}{12}$	$\Phi_{204}^9\ \Phi_{102}^2\ \Phi_{68}^9\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{17}\ \Phi_{12}^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
59651	1078	204	$\frac{2}{51}$	$\frac{7}{51}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{204}^9\ \Phi_{68}^9\ \Phi_{51}^3\ \Phi_{17}^3\ \Phi_{12}^{10}\ \Phi_4^{10}\ \Phi_3^3\ \Phi_1^4$
59652	1078	552	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{552}^2\ \Phi_{276}\ \Phi_{184}^3\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{46}^3\ \Phi_{23}^2$
59653	1078	324	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{324}^6\ \Phi_{108}^6\ \Phi_{81}^2\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{12}^4\ \Phi_9\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
59654	1078	1020	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1020}^2\ \Phi_{340}^2\ \Phi_{204}\ \Phi_{85}^2\ \Phi_{68}\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
59655	1078	612	$\frac{10}{153}$	$\frac{13}{153}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{612}^{3}\,\Phi_{204}^{3}\,\Phi_{153}\,\Phi_{68}^{3}\,\Phi_{51}\,\Phi_{36}^{3}\,\Phi_{17}\,\Phi_{12}^{4}\,\Phi_{9}\,\Phi_{4}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
59656	1078	60	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{60}^{18}\,\Phi_{30}^{21}\,\Phi_{20}^{18}\,\Phi_{15}^{20}\,\Phi_{12}^{12}\,\Phi_{10}^{21}\,\Phi_{6}^{14}\,\Phi_{5}^{20}\,\Phi_{4}^{12}\,\Phi_{3}^{13}\,\Phi_{2}^{14}\,\Phi_{1}^{14}$
59657	1078	390	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{390}^{5}\,\Phi_{195}\,\Phi_{130}^{4}\,\Phi_{78}^{5}\,\Phi_{65}\,\Phi_{39}\,\Phi_{30}^{5}\,\Phi_{26}^{4}\,\Phi_{10}^{4}\,\Phi_{6}^{5}\,\Phi_{2}^{4}$
59658	1078	900	$\frac{1}{90}$	$\frac{89}{450}$	$\frac{1}{3}$	$\frac{361}{900}$	$\Phi_{900}^{2}\,\Phi_{300}^{2}\,\Phi_{180}^{2}\,\Phi_{100}^{2}\,\Phi_{90}^{2}\,\Phi_{60}^{2}\,\Phi_{45}^{2}\,\Phi_{36}^{2}\,\Phi_{30}^{2}\,\Phi_{20}^{2}\,\Phi_{18}^{2}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{10}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
59659	1078	390	$\frac{1}{78}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{390}^{3}\,\Phi_{195}^{3}\,\Phi_{130}^{3}\,\Phi_{78}^{2}\,\Phi_{65}^{3}\,\Phi_{39}^{2}\,\Phi_{30}^{3}\,\Phi_{26}^{2}\,\Phi_{15}^{3}\,\Phi_{13}^{2}\,\Phi_{10}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
59660	1078	80	$\frac{3}{80}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{80}^{14}\,\Phi_{40}^{13}\,\Phi_{20}^{13}\,\Phi_{16}^{14}\,\Phi_{10}^{13}\,\Phi_{8}^{12}\,\Phi_{5}^{14}\,\Phi_{4}^{12}\,\Phi_{2}^{12}\,\Phi_{1}^{14}$
59661	1078	198	$\frac{1}{99}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{198}^{9}\,\Phi_{99}^{2}\,\Phi_{66}^{9}\,\Phi_{33}^{2}\,\Phi_{22}^{9}\,\Phi_{18}^{8}\,\Phi_{11}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{8}\,\Phi_{3}\,\Phi_{2}^{8}\,\Phi_{1}^{2}$
59662	1078	1840	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{1840}\,\Phi_{368}\,\Phi_{230}\,\Phi_{115}\,\Phi_{46}$
59663	1078	248	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{15}{62}$	$\frac{47}{124}$	$\Phi_{248}^{5}\,\Phi_{124}^{3}\,\Phi_{62}^{5}\,\Phi_{31}^{4}\,\Phi_{8}^{4}\,\Phi_{4}^{2}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
59664	1078	864	$\frac{1}{108}$	$\frac{107}{432}$	$\frac{1}{3}$	$\frac{325}{864}$	$\Phi_{864}^{2}\,\Phi_{288}^{2}\,\Phi_{108}^{2}\,\Phi_{96}^{2}\,\Phi_{54}^{2}\,\Phi_{36}^{2}\,\Phi_{32}^{2}\,\Phi_{27}^{2}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
59665	1078	1632	$\frac{5}{544}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1632}\,\Phi_{816}\,\Phi_{408}\,\Phi_{204}\,\Phi_{102}\,\Phi_{96}\,\Phi_{51}\,\Phi_{48}\,\Phi_{12}\,\Phi_{6}$
59666	1078	1584	$\frac{1}{99}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1584}\,\Phi_{528}\,\Phi_{396}\,\Phi_{198}\,\Phi_{176}\,\Phi_{144}\,\Phi_{132}\,\Phi_{66}\,\Phi_{48}\,\Phi_{44}\,\Phi_{36}\,\Phi_{22}\,\Phi_{18}\,\Phi_{12}\,\Phi_{6}$
59667	1078	810	$\frac{1}{135}$	$\frac{134}{405}$	$\frac{1}{3}$	$\frac{271}{810}$	$\Phi_{810}^{2}\,\Phi_{270}^{2}\,\Phi_{162}^{2}\,\Phi_{135}^{2}\,\Phi_{90}^{2}\,\Phi_{54}^{2}\,\Phi_{45}^{2}\,\Phi_{30}^{2}\,\Phi_{27}^{2}\,\Phi_{18}^{2}\,\Phi_{15}^{2}\,\Phi_{10}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
59668	1078	234	$\frac{1}{78}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{234}^{6}\,\Phi_{117}^{6}\,\Phi_{78}^{2}\,\Phi_{39}^{2}\,\Phi_{26}^{2}\,\Phi_{18}^{6}\,\Phi_{13}^{2}\,\Phi_{9}^{4}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
59669	1078	204	$\frac{2}{51}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{204}^{6}\,\Phi_{102}^{6}\,\Phi_{68}^{6}\,\Phi_{51}^{4}\,\Phi_{34}^{6}\,\Phi_{17}^{4}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
59670	1078	804	$\frac{3}{268}$	$\frac{1}{4}$	$\frac{265}{804}$	$\frac{1}{3}$	$\Phi_{804}\,\Phi_{402}\,\Phi_{268}^{2}\,\Phi_{201}\,\Phi_{134}^{2}\,\Phi_{67}^{2}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
59671	1078	648	$\frac{1}{54}$	$\frac{109}{648}$	$\frac{53}{162}$	$\frac{1}{3}$	$\Phi_{648}^{2}\,\Phi_{324}^{2}\,\Phi_{216}^{2}\,\Phi_{108}^{2}\,\Phi_{72}^{2}\,\Phi_{54}^{2}\,\Phi_{36}^{2}\,\Phi_{27}^{2}\,\Phi_{24}^{2}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
59672	1078	456	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{37}{114}$	$\frac{1}{3}$	$\Phi_{456}^{2}\,\Phi_{228}^{2}\,\Phi_{152}^{4}\,\Phi_{114}\,\Phi_{76}^{4}\,\Phi_{57}\,\Phi_{38}^{2}\,\Phi_{24}^{3}\,\Phi_{19}^{2}\,\Phi_{12}^{3}\,\Phi_{8}^{4}\,\Phi_{6}^{2}\,\Phi_{4}^{4}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
59673	1078	72	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{72}^{22}\,\Phi_{36}^{22}\,\Phi_{18}^{22}\,\Phi_{12}^{2}\,\Phi_{9}^{22}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
59674	1078	780	$\frac{1}{20}$	$\frac{19}{260}$	$\frac{241}{780}$	$\frac{1}{3}$	$\Phi_{780}\,\Phi_{390}\,\Phi_{260}^{2}\,\Phi_{195}\,\Phi_{156}\,\Phi_{130}^{2}\,\Phi_{78}\,\Phi_{65}^{2}\,\Phi_{60}^{2}\,\Phi_{52}^{2}\,\Phi_{39}\,\Phi_{30}^{2}\,\Phi_{26}^{2}\,\Phi_{20}^{2}\,\Phi_{15}^{2}\,\Phi_{13}^{2}\,\Phi_{12}^{2}\,\Phi_{10}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
59675	1078	81	$\frac{4}{81}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{81}^{13}\,\Phi_{27}^{14}\,\Phi_{9}^{14}\,\Phi_{3}^{13}\,\Phi_{1}^{14}$
59676	1078	108	$\frac{1}{36}$	$\frac{5}{36}$	$\frac{31}{108}$	$\frac{1}{3}$	$\Phi_{108}^{14}\,\Phi_{54}^{14}\,\Phi_{36}^{2}\,\Phi_{27}^{14}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
59677	1078	150	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{150}^{6}\,\Phi_{75}^{6}\,\Phi_{50}^{10}\,\Phi_{30}^{6}\,\Phi_{25}^{10}\,\Phi_{15}^{5}\,\Phi_{10}^{10}\,\Phi_{6}^{6}\,\Phi_{5}^{8}\,\Phi_{3}^{4}\,\Phi_{2}^{10}\,\Phi_{1}^{8}$
59678	1078	720	$\frac{1}{60}$	$\frac{59}{240}$	$\frac{181}{720}$	$\frac{1}{3}$	$\Phi_{720}^{2}\,\Phi_{360}^{2}\,\Phi_{180}^{2}\,\Phi_{144}^{2}\,\Phi_{90}^{2}\,\Phi_{72}^{2}\,\Phi_{60}^{2}\,\Phi_{45}^{2}\,\Phi_{36}^{2}\,\Phi_{30}^{2}\,\Phi_{20}^{2}\,\Phi_{18}^{2}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{10}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
59679	1078	240	$\frac{3}{80}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^{7}\,\Phi_{120}^{7}\,\Phi_{60}^{7}\,\Phi_{48}^{7}\,\Phi_{30}^{7}\,\Phi_{24}^{4}\,\Phi_{15}^{7}\,\Phi_{12}^{5}\,\Phi_{6}^{5}\,\Phi_{3}^{4}$
59680	1078	156	$\frac{3}{52}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^{7}\,\Phi_{78}^{7}\,\Phi_{52}^{8}\,\Phi_{39}^{7}\,\Phi_{26}^{8}\,\Phi_{13}^{8}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
59681	1078	306	$\frac{1}{51}$	$\frac{2}{9}$	$\frac{25}{102}$	$\frac{1}{3}$	$\Phi_{306}^{6}\,\Phi_{153}^{3}\,\Phi_{102}^{2}\,\Phi_{51}\,\Phi_{34}^{2}\,\Phi_{18}^{6}\,\Phi_{17}\,\Phi_{9}^{4}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
59682	1078	192	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{192}^{7}\,\Phi_{96}^{7}\,\Phi_{64}^{8}\,\Phi_{32}^{8}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
59683	1078	702	$\frac{25}{351}$	$\frac{2}{27}$	$\frac{163}{702}$	$\frac{1}{3}$	$\Phi_{702}^{2}\,\Phi_{351}\,\Phi_{234}^{2}\,\Phi_{117}\,\Phi_{78}^{2}\,\Phi_{54}^{2}\,\Phi_{39}\,\Phi_{27}^{2}\,\Phi_{26}^{2}\,\Phi_{18}^{2}\,\Phi_{13}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
59684	1078	576	$\frac{37}{576}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{576}^{2}\,\Phi_{288}^{2}\,\Phi_{192}^{2}\,\Phi_{144}^{2}\,\Phi_{96}^{2}\,\Phi_{72}^{2}\,\Phi_{64}^{2}\,\Phi_{36}^{2}\,\Phi_{32}^{2}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
59685	1078	153	$\frac{2}{51}$	$\frac{7}{51}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{153}^{9}\,\Phi_{51}^{3}\,\Phi_{17}^{3}\,\Phi_{9}^{10}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
59686	1078	1656	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1656}\,\Phi_{828}\,\Phi_{414}\,\Phi_{184}\,\Phi_{92}\,\Phi_{46}$
59687	1078	612	$\frac{7}{153}$	$\frac{73}{612}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{612}^{2}\,\Phi_{306}^{2}\,\Phi_{204}^{2}\,\Phi_{153}\,\Phi_{102}^{2}\,\Phi_{68}^{2}\,\Phi_{51}\,\Phi_{36}^{2}\,\Phi_{34}^{2}\,\Phi_{18}^{2}\,\Phi_{17}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
59688	1078	81	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{81}^{14}\,\Phi_{27}^{14}\,\Phi_{9}^{8}\,\Phi_{3}^{7}\,\Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
59689	1078	765	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{765}^2\ \Phi_{153}\ \Phi_{85}^2\ \Phi_{45}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_5^2\ \Phi_1^2$
59690	1078	153	$\frac{10}{153}$	$\frac{13}{153}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{153}^7\ \Phi_{51}^7\ \Phi_{17}^7\ \Phi_9^8\ \Phi_3^7\ \Phi_1^8$
59691	1078	180	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^9\ \Phi_{90}^9\ \Phi_{60}^3\ \Phi_{45}^6\ \Phi_{36}^6\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{18}^6\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_9^4\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
59692	1078	714	$\frac{2}{51}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{714}^2\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{119}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
59693	1078	2280	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{18}{95}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
59694	1078	600	$\frac{1}{15}$	$\frac{61}{600}$	$\frac{14}{75}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
59695	1078	60	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{60}^{22}\ \Phi_{30}^{22}\ \Phi_{20}^{22}\ \Phi_{15}^{22}\ \Phi_{12}^2\ \Phi_{10}^{22}\ \Phi_6^2\ \Phi_5^{22}\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
59696	1078	108	$\frac{1}{12}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{108}^{12}\ \Phi_{54}^{10}\ \Phi_{36}^{12}\ \Phi_{27}^{10}\ \Phi_{18}^{10}\ \Phi_{12}^2\ \Phi_9^{10}\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
59697	1078	90	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{90}^{14}\ \Phi_{45}^{14}\ \Phi_{30}^{14}\ \Phi_{18}^{14}\ \Phi_{15}^2\ \Phi_{10}^{14}\ \Phi_9^{14}\ \Phi_6^{14}\ \Phi_5^2\ \Phi_3\ \Phi_2^{14}\ \Phi_1^2$
59698	1078	456	$\frac{3}{38}$	$\frac{1}{8}$	$\frac{5}{38}$	$\frac{1}{3}$	$\Phi_{456}^4\ \Phi_{228}^4\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_6^3\ \Phi_3^2$
59699	1078	540	$\frac{43}{540}$	$\frac{67}{540}$	$\frac{71}{540}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
59700	1078	24	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{24}^{42}\ \Phi_{12}^{44}\ \Phi_8^{48}\ \Phi_6^{44}\ \Phi_4^{50}\ \Phi_3^{43}\ \Phi_2^{50}\ \Phi_1^{50}$
59701	1078	504	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{23}{72}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{126}^3\ \Phi_{72}^4\ \Phi_{63}^3\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_9^4\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
59702	1078	1800	$\frac{4}{75}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{71}{225}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}$
59703	1078	540	$\frac{1}{15}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{135}^3\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{30}^3\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
59704	1078	90	$\frac{1}{15}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{90}^{11}\ \Phi_{45}^{11}\ \Phi_{30}^{14}\ \Phi_{18}^{12}\ \Phi_{15}^{13}\ \Phi_{10}^{14}\ \Phi_9^{12}\ \Phi_6^{14}\ \Phi_5^{13}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
59705	1078	540	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{135}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{135}^2\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
59706	1078	1380	$\frac{1}{23}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{276}\ \Phi_{230}\ \Phi_{138}\ \Phi_{115}\ \Phi_{92}\ \Phi_{46}$
59707	1078	1455	$\frac{6}{97}$	$\frac{13}{97}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1455}\ \Phi_{291}\ \Phi_{97}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
59708	1078	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{120}^{10}\ \Phi_{60}^{10}\ \Phi_{40}^{11}\ \Phi_{30}^{10}\ \Phi_{24}^{10}\ \Phi_{20}^{11}\ \Phi_{12}^{10}\ \Phi_{10}^{11}\ \Phi_8^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_2^{10}$
59709	1078	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{132}^9\ \Phi_{66}^7\ \Phi_{44}^9\ \Phi_{33}^7\ \Phi_{22}^9\ \Phi_{12}^8\ \Phi_{11}^8\ \Phi_6^6\ \Phi_4^8\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
59710	1078	364	$\frac{3}{52}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{364}^3\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{14}^2\ \Phi_{13}^4\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
59711	1078	448	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{15}{64}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{64}^4\ \Phi_{32}^4\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
59712	1078	200	$\frac{2}{25}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{23}{100}$	$\Phi_{200}^6\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{40}^7\ \Phi_{25}^6\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_8^6\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
59713	1078	420	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{60}$	$\frac{3}{14}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{60}^4\ \Phi_{35}^3\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}^2\ \Phi_{10}^4\ \Phi_7\ \Phi_5^4\ \Phi_2^2\ \Phi_1^2$
59714	1078	378	$\frac{5}{54}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{378}^3\ \Phi_{189}^3\ \Phi_{126}^3\ \Phi_{63}^3\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_9^4\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
59715	1078	56	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{56}^{18}\ \Phi_{28}^{18}\ \Phi_{14}^{20}\ \Phi_8^{24}\ \Phi_7^{19}\ \Phi_4^{24}\ \Phi_2^{26}\ \Phi_1^{26}$
59716	1078	480	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{96}^2\ \Phi_{80}^3\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{30}^3\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
59717	1078	200	$\frac{3}{25}$	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{200}^6\ \Phi_{100}^6\ \Phi_{50}^6\ \Phi_{40}^7\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6$
59718	1078	360	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{5}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^4\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^3\ \Phi_{36}^4\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
59719	1079	1848	$\frac{1}{154}$	$\frac{155}{924}$	$\frac{769}{1848}$	$\frac{153}{308}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{168}\ \Phi_{88}\ \Phi_{56}\ \Phi_{44}\ \Phi_{28}\ \Phi_{24}\ \Phi_8\ \Phi_4\ \Phi_1$
59720	1079	1960	$\frac{1}{98}$	$\frac{99}{980}$	$\frac{881}{1960}$	$\frac{97}{196}$	$\Phi_{1960}\ \Phi_{392}\ \Phi_{280}\ \Phi_{196}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
59721	1079	984	$\frac{1}{82}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{81}{164}$	$\Phi_{984}^2\ \Phi_{328}^2\ \Phi_{164}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
59722	1079	2460	$\frac{1}{82}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{81}{164}$	$\Phi_{2460}\ \Phi_{820}\ \Phi_{164}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_5\ \Phi_4\ \Phi_1$
59723	1079	1476	$\frac{1}{82}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{81}{164}$	$\Phi_{1476}^2\ \Phi_{164}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
59724	1079	656	$\frac{1}{82}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{81}{164}$	$\Phi_{656}^2\ \Phi_{328}^2\ \Phi_{164}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
59725	1079	2128	$\frac{15}{1064}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{1049}{2128}$	$\Phi_{2128}\ \Phi_{304}\ \Phi_{112}\ \Phi_{28}\ \Phi_{16}\ \Phi_4\ \Phi_1$
59726	1079	2112	$\frac{23}{1056}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{1033}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{64}\ \Phi_{44}\ \Phi_4\ \Phi_1$
59727	1079	2112	$\frac{23}{1056}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1033}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{64}\ \Phi_{33}\ \Phi_3\ \Phi_1$
59728	1079	1134	$\frac{2}{81}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{81}\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
59729	1079	1452	$\frac{10}{363}$	$\frac{1}{11}$	$\frac{373}{1452}$	$\frac{353}{726}$	$\Phi_{1452}\ \Phi_{484}\ \Phi_{363}\ \Phi_{132}\ \Phi_{121}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
59730	1079	2100	$\frac{29}{1050}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1021}{2100}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
59731	1079	2100	$\frac{29}{1050}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1021}{2100}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
59732	1079	1302	$\frac{6}{217}$	$\frac{1}{7}$	$\frac{223}{1302}$	$\frac{211}{434}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{217}\ \Phi_{186}\ \Phi_{93}\ \Phi_{42}\ \Phi_{31}\ \Phi_{21}\ \Phi_6\ \Phi_3\ \Phi_1$
59733	1079	112	$\frac{1}{28}$	$\frac{1}{14}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{112}^{13}\ \Phi_{28}^{13}\ \Phi_{16}^{13}\ \Phi_{14}^{12}\ \Phi_7^{12}\ \Phi_4^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
59734	1079	1120	$\frac{3}{80}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{1120}^2\ \Phi_{224}^2\ \Phi_{160}\ \Phi_{32}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
59735	1079	1584	$\frac{23}{528}$	$\frac{1}{22}$	$\frac{505}{1584}$	$\frac{21}{44}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{144}\ \Phi_{99}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
59736	1079	88	$\frac{1}{22}$	$\frac{5}{88}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{88}^{12}\ \Phi_{44}^{13}\ \Phi_{22}^{12}\ \Phi_{11}^{12}\ \Phi_8^{12}\ \Phi_4^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
59737	1079	1408	$\frac{1}{22}$	$\frac{23}{352}$	$\frac{329}{1408}$	$\frac{21}{44}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{128}\ \Phi_{64}\ \Phi_{44}\ \Phi_4\ \Phi_1$
59738	1079	1320	$\frac{1}{22}$	$\frac{23}{264}$	$\frac{241}{1320}$	$\frac{21}{44}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
59739	1079	1188	$\frac{1}{22}$	$\frac{109}{1188}$	$\frac{23}{132}$	$\frac{21}{44}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{108}\ \Phi_{99}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
59740	1079	1232	$\frac{1}{22}$	$\frac{153}{1232}$	$\frac{23}{176}$	$\frac{21}{44}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{112}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
59741	1079	1092	$\frac{5}{78}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{73}{156}$	$\Phi_{1092}^2\ \Phi_{364}^2\ \Phi_{156}\ \Phi_{84}^2\ \Phi_{52}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
59742	1079	2016	$\frac{71}{1008}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{937}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
59743	1079	1596	$\frac{15}{532}$	$\frac{1}{14}$	$\frac{517}{1596}$	$\frac{13}{28}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{399}\ \Phi_{228}\ \Phi_{114}\ \Phi_{84}\ \Phi_{57}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
59744	1079	1120	$\frac{41}{1120}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
59745	1079	154	$\frac{1}{14}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{154}$	$\Phi_{154}^6\ \Phi_{77}^7\ \Phi_{22}^6\ \Phi_{14}^{12}\ \Phi_{11}^7\ \Phi_7^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
59746	1079	1210	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{131}{1210}$	$\frac{111}{242}$	$\Phi_{1210}\ \Phi_{605}\ \Phi_{121}\ \Phi_{110}\ \Phi_{55}\ \Phi_{10}\ \Phi_5\ \Phi_1$
59747	1079	984	$\frac{1}{41}$	$\frac{1}{12}$	$\frac{40}{123}$	$\frac{11}{24}$	$\Phi_{984}^2\ \Phi_{328}^2\ \Phi_{123}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_3\ \Phi_1$
59748	1079	672	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{11}{24}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{96}\ \Phi_{84}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{32}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
59749	1079	1980	$\frac{1}{22}$	$\frac{89}{990}$	$\frac{21}{110}$	$\frac{901}{1980}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{132}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
59750	1079	1980	$\frac{89}{990}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{901}{1980}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{132}\ \Phi_{99}\ \Phi_{60}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
59751	1079	1320	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{241}{1320}$	$\frac{199}{440}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
59752	1079	1188	$\frac{1}{11}$	$\frac{109}{1188}$	$\frac{10}{99}$	$\frac{89}{198}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
59753	1079	1936	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{111}{968}$	$\frac{857}{1936}$	$\Phi_{1936}\ \Phi_{176}\ \Phi_{121}\ \Phi_{16}\ \Phi_1$
59754	1079	1008	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{144}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{144}\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
59755	1079	1176	$\frac{1}{14}$	$\frac{97}{1176}$	$\frac{13}{84}$	$\frac{71}{168}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{49}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
59756	1079	1848	$\frac{1}{77}$	$\frac{155}{924}$	$\frac{76}{231}$	$\frac{769}{1848}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{88}\ \Phi_{56}\ \Phi_{33}\ \Phi_{24}\ \Phi_{21}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
59757	1079	1120	$\frac{41}{1120}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
59758	1079	88	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{88}^{13}\ \Phi_{44}^{13}\ \Phi_{22}^{8}\ \Phi_{11}^{12}\ \Phi_{8}^{13}\ \Phi_{4}^{13}\ \Phi_{2}^{8}\ \Phi_{1}^{13}$
59759	1079	140	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{57}{140}$	$\Phi_{140}^{13}\ \Phi_{28}^{13}\ \Phi_{20}^{13}\ \Phi_{14}^{12}\ \Phi_{7}^{12}\ \Phi_{4}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
59760	1079	1540	$\frac{1}{77}$	$\frac{76}{385}$	$\frac{461}{1540}$	$\frac{309}{770}$	$\Phi_{1540}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}\ \Phi_{55}\ \Phi_{44}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
59761	1079	1764	$\frac{1}{98}$	$\frac{197}{882}$	$\frac{97}{294}$	$\frac{685}{1764}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
59762	1079	1760	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{199}{880}$	$\frac{681}{1760}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
59763	1079	1736	$\frac{6}{217}$	$\frac{1}{7}$	$\frac{211}{868}$	$\frac{657}{1736}$	$\Phi_{1736}\ \Phi_{248}\ \Phi_{217}\ \Phi_{56}\ \Phi_{31}\ \Phi_{8}\ \Phi_{1}$
59764	1079	1568	$\frac{1}{98}$	$\frac{97}{392}$	$\frac{489}{1568}$	$\frac{295}{784}$	$\Phi_{1568}\ \Phi_{392}\ \Phi_{224}\ \Phi_{196}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
59765	1079	616	$\frac{5}{88}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}^{2}\ \Phi_{308}^{2}\ \Phi_{154}^{2}\ \Phi_{88}\ \Phi_{77}^{2}\ \Phi_{44}\ \Phi_{28}^{2}\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
59766	1079	1122	$\frac{43}{1122}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{374}\ \Phi_{187}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}\ \Phi_{33}\ \Phi_{17}\ \Phi_{3}\ \Phi_{1}$
59767	1079	126	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{126}^{6}\ \Phi_{63}^{7}\ \Phi_{42}^{13}\ \Phi_{21}^{13}\ \Phi_{18}^{6}\ \Phi_{14}^{12}\ \Phi_{9}^{7}\ \Phi_{7}^{12}\ \Phi_{6}^{13}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
59768	1079	1386	$\frac{1}{77}$	$\frac{307}{1386}$	$\frac{76}{231}$	$\frac{155}{462}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{231}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{63}\ \Phi_{33}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
59769	1079	615	$\frac{1}{41}$	$\frac{2}{15}$	$\frac{40}{123}$	$\frac{1}{3}$	$\Phi_{615}^{2}\ \Phi_{205}^{2}\ \Phi_{123}\ \Phi_{15}^{3}\ \Phi_{5}^{3}\ \Phi_{3}\ \Phi_{1}$
59770	1079	756	$\frac{1}{14}$	$\frac{2}{27}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{756}^{2}\ \Phi_{378}\ \Phi_{252}^{2}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}^{2}\ \Phi_{63}\ \Phi_{42}^{2}\ \Phi_{36}\ \Phi_{28}^{2}\ \Phi_{27}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
59771	1079	630	$\frac{1}{14}$	$\frac{7}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{210}^{2}\ \Phi_{126}\ \Phi_{105}^{2}\ \Phi_{90}\ \Phi_{70}^{2}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
59772	1079	738	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{40}{123}$	$\Phi_{738}^{2}\ \Phi_{369}^{2}\ \Phi_{123}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$
59773	1079	1968	$\frac{1}{41}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{40}{123}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{123}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
59774	1079	1584	$\frac{23}{528}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{505}{1584}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{144}\ \Phi_{99}\ \Phi_{72}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
59775	1079	1575	$\frac{29}{525}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{496}{1575}$	$\Phi_{1575}\ \Phi_{315}\ \Phi_{225}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
59776	1079	1260	$\frac{1}{14}$	$\frac{29}{210}$	$\frac{181}{1260}$	$\frac{13}{42}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
59777	1079	840	$\frac{1}{14}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{120}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{60}\ \Phi_{42}^{2}\ \Phi_{30}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
59778	1079	756	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{756}^{2}\ \Phi_{378}^{2}\ \Phi_{189}^{2}\ \Phi_{108}\ \Phi_{84}^{2}\ \Phi_{54}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{27}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
59779	1079	1320	$\frac{23}{264}$	$\frac{1}{11}$	$\frac{241}{1320}$	$\frac{10}{33}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
59780	1079	1188	$\frac{1}{11}$	$\frac{109}{1188}$	$\frac{23}{132}$	$\frac{10}{33}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{108}\ \Phi_{99}\ \Phi_{54}\ \Phi_{36}\ \Phi_{33}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
59781	1079	1512	$\frac{1}{14}$	$\frac{71}{504}$	$\frac{13}{84}$	$\frac{433}{1512}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
59782	1079	1260	$\frac{1}{14}$	$\frac{181}{1260}$	$\frac{13}{84}$	$\frac{71}{252}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
59783	1079	1155	$\frac{76}{1155}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}\ \Phi_{33}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}$
59784	1079	1485	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{495}$	$\frac{406}{1485}$	$\Phi_{1485}\ \Phi_{297}\ \Phi_{135}\ \Phi_{99}\ \Phi_{33}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
59785	1079	1320	$\frac{1}{22}$	$\frac{241}{1320}$	$\frac{21}{110}$	$\frac{89}{330}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{264}\ \Phi_{220}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
59786	1079	1452	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{111}{484}$	$\frac{373}{1452}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{363}\ \Phi_{132}\ \Phi_{121}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
59787	1079	672	$\frac{1}{14}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{96}\ \Phi_{84}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{32}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
59788	1079	700	$\frac{1}{14}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{100}\ \Phi_{50}\ \Phi_{28}^2\ \Phi_{25}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
59789	1079	1400	$\frac{29}{350}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{321}{1400}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{280}\ \Phi_{200}\ \Phi_{140}\ \Phi_{100}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
59790	1079	1344	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{265}{1344}$	$\frac{71}{336}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
59791	1079	1225	$\frac{146}{1225}$	$\frac{1}{7}$	$\frac{29}{175}$	$\frac{6}{35}$	$\Phi_{1225}\ \Phi_{245}\ \Phi_{49}\ \Phi_{35}\ \Phi_5\ \Phi_1$
59792	1079	1260	$\frac{29}{210}$	$\frac{1}{7}$	$\frac{181}{1260}$	$\frac{6}{35}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
59793	1080	807	$\frac{1}{269}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{134}{269}$	$\Phi_{807}\ \Phi_{269}^2\ \Phi_3^2\ \Phi_1^4$
59794	1080	1079	$\frac{5}{1079}$	$\frac{271}{1079}$	$\frac{404}{1079}$	$\frac{537}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
59795	1080	1720	$\frac{1}{215}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{107}{215}$	$\Phi_{1720}\ \Phi_{344}\ \Phi_{215}\ \Phi_{43}\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
59796	1080	1623	$\frac{3}{541}$	$\frac{136}{541}$	$\frac{1}{3}$	$\frac{269}{541}$	Φ_{1623}
59797	1080	895	$\frac{1}{179}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{89}{179}$	$\Phi_{895}\ \Phi_{179}^2\ \Phi_5^2\ \Phi_1^4$
59798	1080	2148	$\frac{1}{179}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{89}{179}$	$\Phi_{2148}\ \Phi_{1074}\ \Phi_{12}^2\ \Phi_6^2$
59799	1080	1079	$\frac{7}{1079}$	$\frac{181}{1079}$	$\frac{449}{1079}$	$\frac{536}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
59800	1080	1876	$\frac{1}{134}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{133}{268}$	$\Phi_{1876}\ \Phi_{268}^2\ \Phi_{28}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
59801	1080	4020	$\frac{1}{134}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{133}{268}$	$\Phi_{4020}\ \Phi_{60}\ \Phi_{15}$
59802	1080	1444	$\frac{3}{361}$	$\frac{1}{4}$	$\frac{91}{361}$	$\frac{179}{361}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
59803	1080	1079	$\frac{9}{1079}$	$\frac{269}{1079}$	$\frac{272}{1079}$	$\frac{535}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
59804	1080	1904	$\frac{1}{119}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{59}{119}$	$\Phi_{1904}\ \Phi_{272}\ \Phi_{119}\ \Phi_{112}\ \Phi_{17}\ \Phi_{16}^2\ \Phi_7\ \Phi_1^2$
59805	1080	476	$\frac{1}{119}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{59}{119}$	$\Phi_{476}^2\ \Phi_{238}^2\ \Phi_{119}^3\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{28}^2\ \Phi_{17}^3\ \Phi_{14}^2\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
59806	1080	1623	$\frac{5}{541}$	$\frac{91}{541}$	$\frac{1}{3}$	$\frac{268}{541}$	Φ_{1623}
59807	1080	963	$\frac{1}{107}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{53}{107}$	$\Phi_{963}\ \Phi_{321}\ \Phi_{107}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
59808	1080	642	$\frac{1}{107}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{53}{107}$	$\Phi_{642}^2\ \Phi_{321}\ \Phi_{214}^2\ \Phi_{107}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
59809	1080	1079	$\frac{11}{1079}$	$\frac{109}{1079}$	$\frac{485}{1079}$	$\frac{534}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
59810	1080	979	$\frac{1}{89}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{44}{89}$	$\Phi_{979}\ \Phi_{89}^2\ \Phi_{11}^2\ \Phi_1^4$
59811	1080	1869	$\frac{1}{89}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{44}{89}$	$\Phi_{1869}\ \Phi_{21}^2$
59812	1080	979	$\frac{1}{89}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{44}{89}$	$\Phi_{979}\ \Phi_{89}^2\ \Phi_{11}^2\ \Phi_1^4$
59813	1080	1780	$\frac{1}{89}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{44}{89}$	$\Phi_{1780}\ \Phi_{890}\ \Phi_{20}^2\ \Phi_{10}^2$
59814	1080	83	$\frac{1}{83}$	$\frac{7}{83}$	$\frac{38}{83}$	$\frac{41}{83}$	$\Phi_{83}^{13}\ \Phi_1^{14}$
59815	1080	83	$\frac{1}{83}$	$\frac{14}{83}$	$\frac{23}{83}$	$\frac{41}{83}$	$\Phi_{83}^{13}\ \Phi_1^{14}$
59816	1080	166	$\frac{1}{83}$	$\frac{31}{166}$	$\frac{21}{83}$	$\frac{41}{83}$	$\Phi_{166}^8\ \Phi_{83}^5\ \Phi_2^8\ \Phi_1^6$
59817	1080	533	$\frac{7}{533}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{263}{533}$	$\Phi_{533}^2\ \Phi_{41}^2\ \Phi_{13}^3\ \Phi_1^4$
59818	1080	1302	$\frac{3}{217}$	$\frac{1}{6}$	$\frac{55}{217}$	$\frac{107}{217}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
59819	1080	1444	$\frac{5}{361}$	$\frac{61}{361}$	$\frac{1}{4}$	$\frac{178}{361}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
59820	1080	1988	$\frac{1}{71}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{35}{71}$	$\Phi_{1988}\ \Phi_{284}\ \Phi_{71}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
59821	1080	497	$\frac{1}{71}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{35}{71}$	$\Phi_{497}^2\ \Phi_{71}^3\ \Phi_7^4\ \Phi_1^6$
59822	1080	852	$\frac{1}{71}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{35}{71}$	$\Phi_{852}^2\ \Phi_{426}\ \Phi_{284}\ \Phi_{213}\ \Phi_{71}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
59823	1080	1079	$\frac{17}{1079}$	$\frac{137}{1079}$	$\frac{314}{1079}$	$\frac{531}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
59824	1080	1079	$\frac{17}{1079}$	$\frac{161}{1079}$	$\frac{274}{1079}$	$\frac{531}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
59825	1080	1267	$\frac{3}{181}$	$\frac{1}{7}$	$\frac{46}{181}$	$\frac{89}{181}$	Φ_{1267}
59826	1080	1623	$\frac{9}{541}$	$\frac{55}{541}$	$\frac{1}{3}$	$\frac{266}{541}$	Φ_{1623}
59827	1080	1003	$\frac{1}{59}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{29}{59}$	$\Phi_{1003}\ \Phi_{59}^2\ \Phi_{17}^2\ \Phi_{1}^4$
59828	1080	1770	$\frac{1}{59}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{29}{59}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{354}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
59829	1080	1003	$\frac{1}{59}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{29}{59}$	$\Phi_{1003}\ \Phi_{59}^2\ \Phi_{17}^2\ \Phi_{1}^4$
59830	1080	1652	$\frac{1}{59}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{29}{59}$	$\Phi_{1652}\ \Phi_{826}\ \Phi_{28}^2\ \Phi_{14}^2$
59831	1080	1079	$\frac{19}{1079}$	$\frac{61}{1079}$	$\frac{509}{1079}$	$\frac{530}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
59832	1080	1079	$\frac{19}{1079}$	$\frac{183}{1079}$	$\frac{224}{1079}$	$\frac{530}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
59833	1080	1355	$\frac{5}{271}$	$\frac{46}{271}$	$\frac{1}{5}$	$\frac{133}{271}$	Φ_{1355}
59834	1080	1007	$\frac{1}{53}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{26}{53}$	$\Phi_{1007}\ \Phi_{53}^2\ \Phi_{19}^2\ \Phi_{1}^4$
59835	1080	1749	$\frac{1}{53}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{1749}\ \Phi_{33}^2$
59836	1080	1007	$\frac{1}{53}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{26}{53}$	$\Phi_{1007}\ \Phi_{53}^2\ \Phi_{19}^2\ \Phi_{1}^4$
59837	1080	1590	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{26}{53}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{530}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
59838	1080	1444	$\frac{7}{361}$	$\frac{46}{361}$	$\frac{1}{4}$	$\frac{177}{361}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
59839	1080	1079	$\frac{21}{1079}$	$\frac{55}{1079}$	$\frac{512}{1079}$	$\frac{529}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
59840	1080	1079	$\frac{21}{1079}$	$\frac{110}{1079}$	$\frac{323}{1079}$	$\frac{529}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
59841	1080	1079	$\frac{21}{1079}$	$\frac{134}{1079}$	$\frac{275}{1079}$	$\frac{529}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
59842	1080	1623	$\frac{11}{541}$	$\frac{46}{541}$	$\frac{1}{3}$	$\frac{265}{541}$	Φ_{1623}
59843	1080	2024	$\frac{1}{44}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{43}{88}$	$\Phi_{2024}\ \Phi_{184}\ \Phi_{88}^2\ \Phi_{23}\ \Phi_{8}^2\ \Phi_{1}^2$
59844	1080	3432	$\frac{1}{44}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{3432}\ \Phi_{312}\ \Phi_{39}$
59845	1080	2024	$\frac{1}{44}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{43}{88}$	$\Phi_{2024}\ \Phi_{184}\ \Phi_{88}^2\ \Phi_{23}\ \Phi_{8}^2\ \Phi_{1}^2$
59846	1080	792	$\frac{1}{44}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{43}{88}$	$\Phi_{792}^3\ \Phi_{264}^3\ \Phi_{72}^3\ \Phi_{36}\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
59847	1080	2024	$\frac{1}{44}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{43}{88}$	$\Phi_{2024}\ \Phi_{184}\ \Phi_{88}^2\ \Phi_{23}\ \Phi_{8}^2\ \Phi_{1}^2$
59848	1080	3080	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{43}{88}$	$\Phi_{3080}\ \Phi_{280}\ \Phi_{35}$
59849	1080	1302	$\frac{5}{217}$	$\frac{1}{6}$	$\frac{37}{217}$	$\frac{106}{217}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
59850	1080	1079	$\frac{25}{1079}$	$\frac{92}{1079}$	$\frac{329}{1079}$	$\frac{527}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
59851	1080	1079	$\frac{25}{1079}$	$\frac{179}{1079}$	$\frac{184}{1079}$	$\frac{527}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
59852	1080	1210	$\frac{3}{121}$	$\frac{1}{10}$	$\frac{31}{121}$	$\frac{59}{121}$	$\Phi_{1210}\ \Phi_{605}\ \Phi_{242}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
59853	1080	1444	$\frac{9}{361}$	$\frac{37}{361}$	$\frac{1}{4}$	$\frac{176}{361}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
59854	1080	156	$\frac{1}{39}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{19}{39}$	$\Phi_{156}^{13}\ \Phi_{52}^{14}\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}^{13}\ \Phi_{4}^{14}\ \Phi_{3}\ \Phi_{1}^2$
59855	1080	39	$\frac{1}{39}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{19}{39}$	$\Phi_{39}^{27}\ \Phi_{13}^{29}\ \Phi_{3}^{27}\ \Phi_{1}^{30}$
59856	1080	780	$\frac{1}{39}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{19}{39}$	$\Phi_{780}^2\ \Phi_{390}\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
59857	1080	1199	$\frac{3}{109}$	$\frac{1}{11}$	$\frac{28}{109}$	$\frac{53}{109}$	Φ_{1199}
59858	1080	1267	$\frac{5}{181}$	$\frac{1}{7}$	$\frac{31}{181}$	$\frac{88}{181}$	Φ_{1267}
59859	1080	1015	$\frac{1}{35}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{17}{35}$	$\Phi_{1015}\ \Phi_{203}\ \Phi_{145}\ \Phi_{35}^2\ \Phi_{29}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
59860	1080	1680	$\frac{1}{35}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
59861	1080	1015	$\frac{1}{35}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{17}{35}$	$\Phi_{1015}\ \Phi_{203}\ \Phi_{145}\ \Phi_{35}^2\ \Phi_{29}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
59862	1080	1540	$\frac{1}{35}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{110}\ \Phi_{44}^2\ \Phi_{22}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
59863	1080	1015	$\frac{1}{35}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{17}{35}$	$\Phi_{1015}\ \Phi_{203}\ \Phi_{145}\ \Phi_{35}^2\ \Phi_{29}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
59864	1080	210	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{17}{35}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^6\ \Phi_{42}^7\ \Phi_{30}^6\ \Phi_{21}^7\ \Phi_{15}^6\ \Phi_{14}^7\ \Phi_{10}^6\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6$
59865	1080	1079	$\frac{31}{1079}$	$\frac{37}{1079}$	$\frac{521}{1079}$	$\frac{524}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
59866	1080	1079	$\frac{31}{1079}$	$\frac{111}{1079}$	$\frac{242}{1079}$	$\frac{524}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
59867	1080	1079	$\frac{31}{1079}$	$\frac{149}{1079}$	$\frac{185}{1079}$	$\frac{524}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
59868	1080	1444	$\frac{11}{361}$	$\frac{31}{361}$	$\frac{1}{4}$	$\frac{175}{361}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
59869	1080	1079	$\frac{33}{1079}$	$\frac{89}{1079}$	$\frac{278}{1079}$	$\frac{523}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
59870	1080	1079	$\frac{33}{1079}$	$\frac{139}{1079}$	$\frac{188}{1079}$	$\frac{523}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
59871	1080	1623	$\frac{17}{541}$	$\frac{31}{541}$	$\frac{1}{3}$	$\frac{262}{541}$	Φ_{1623}
59872	1080	186	$\frac{1}{31}$	$\frac{4}{31}$	$\frac{1}{6}$	$\frac{15}{31}$	$\Phi_{186}^7\ \Phi_{93}^7\ \Phi_{62}^7\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6$
59873	1080	182	$\frac{3}{91}$	$\frac{1}{13}$	$\frac{47}{182}$	$\frac{44}{91}$	$\Phi_{182}^8\ \Phi_{91}^4\ \Phi_{26}^8\ \Phi_{14}^8\ \Phi_{13}^3\ \Phi_7^4\ \Phi_2^8\ \Phi_1^4$
59874	1080	1355	$\frac{9}{271}$	$\frac{28}{271}$	$\frac{1}{5}$	$\frac{131}{271}$	Φ_{1355}
59875	1080	1079	$\frac{37}{1079}$	$\frac{62}{1079}$	$\frac{339}{1079}$	$\frac{521}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
59876	1080	1079	$\frac{37}{1079}$	$\frac{80}{1079}$	$\frac{279}{1079}$	$\frac{521}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
59877	1080	1653	$\frac{1}{29}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{1653}\ \Phi_{57}^2$
59878	1080	1015	$\frac{1}{29}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{14}{29}$	$\Phi_{1015}\ \Phi_{203}\ \Phi_{145}\ \Phi_{35}^2\ \Phi_{29}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
59879	1080	1508	$\frac{1}{29}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{1508}\ \Phi_{754}\ \Phi_{52}^2\ \Phi_{26}^2$
59880	1080	1015	$\frac{1}{29}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{14}{29}$	$\Phi_{1015}\ \Phi_{203}\ \Phi_{145}\ \Phi_{35}^2\ \Phi_{29}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
59881	1080	290	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{14}{29}$	$\Phi_{290}^4\ \Phi_{145}^3\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_{10}^8\ \Phi_5^6\ \Phi_2^8\ \Phi_1^8$
59882	1080	203	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{14}{29}$	$\Phi_{203}^5\ \Phi_{29}^6\ \Phi_7^{10}\ \Phi_1^{12}$
59883	1080	1623	$\frac{19}{541}$	$\frac{28}{541}$	$\frac{1}{3}$	$\frac{261}{541}$	Φ_{1623}
59884	1080	1079	$\frac{41}{1079}$	$\frac{56}{1079}$	$\frac{341}{1079}$	$\frac{519}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
59885	1080	1092	$\frac{1}{26}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{1092}^2\ \Phi_{364}^2\ \Phi_{156}\ \Phi_{84}^2\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
59886	1080	52	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{25}{52}$	$\Phi_{52}^{40}\ \Phi_{13}^3\ \Phi_4^{40}\ \Phi_1^4$
59887	1080	2860	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{2860}\ \Phi_{220}\ \Phi_{55}$
59888	1080	156	$\frac{1}{26}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{25}{52}$	$\Phi_{156}^{13}\ \Phi_{52}^{14}\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}^{13}\ \Phi_4^{14}\ \Phi_3\ \Phi_1^2$
59889	1080	468	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{25}{52}$	$\Phi_{468}^5\ \Phi_{156}^3\ \Phi_{52}^4\ \Phi_{36}^5\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
59890	1080	1168	$\frac{3}{73}$	$\frac{1}{16}$	$\frac{19}{73}$	$\frac{35}{73}$	$\Phi_{1168}\ \Phi_{584}\ \Phi_{292}\ \Phi_{146}$
59891	1080	1210	$\frac{5}{121}$	$\frac{1}{10}$	$\frac{21}{121}$	$\frac{58}{121}$	$\Phi_{1210}\ \Phi_{605}\ \Phi_{242}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
59892	1080	506	$\frac{1}{23}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{11}{23}$	$\Phi_{506}^2\ \Phi_{253}^2\ \Phi_{46}^2\ \Phi_{23}^3\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_2^4\ \Phi_1^6$
59893	1080	368	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{368}^3\ \Phi_{184}^3\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}^3\ \Phi_{16}^6\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
59894	1080	253	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{11}{23}$	$\Phi_{253}^4\ \Phi_{23}^5\ \Phi_{11}^8\ \Phi_1^{10}$
59895	1080	690	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{11}{23}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{230}\ \Phi_{138}\ \Phi_{115}\ \Phi_{69}\ \Phi_{30}^4\ \Phi_{23}\ \Phi_{15}^4\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
59896	1080	1079	$\frac{47}{1079}$	$\frac{49}{1079}$	$\frac{344}{1079}$	$\frac{515}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
59897	1080	1079	$\frac{49}{1079}$	$\frac{94}{1079}$	$\frac{197}{1079}$	$\frac{515}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
59898	1080	1079	$\frac{49}{1079}$	$\frac{99}{1079}$	$\frac{188}{1079}$	$\frac{515}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
59899	1080	1199	$\frac{5}{109}$	$\frac{1}{11}$	$\frac{19}{109}$	$\frac{52}{109}$	Φ_{1199}
59900	1080	1444	$\frac{17}{361}$	$\frac{21}{361}$	$\frac{1}{4}$	$\frac{172}{361}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
59901	1080	1079	$\frac{51}{1079}$	$\frac{113}{1079}$	$\frac{161}{1079}$	$\frac{514}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
59902	1080	1159	$\frac{3}{61}$	$\frac{1}{19}$	$\frac{16}{61}$	$\frac{29}{61}$	Φ_{1159}
59903	1080	1267	$\frac{9}{181}$	$\frac{19}{181}$	$\frac{1}{7}$	$\frac{86}{181}$	Φ_{1267}
59904	1080	1302	$\frac{11}{217}$	$\frac{19}{217}$	$\frac{1}{6}$	$\frac{103}{217}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
59905	1080	1079	$\frac{55}{1079}$	$\frac{63}{1079}$	$\frac{254}{1079}$	$\frac{512}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
59906	1080	1079	$\frac{55}{1079}$	$\frac{89}{1079}$	$\frac{189}{1079}$	$\frac{512}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
59907	1080	1596	$\frac{1}{28}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{399}\ \Phi_{228}\ \Phi_{114}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
59908	1080	1007	$\frac{2}{53}$	$\frac{1}{19}$	$\frac{17}{53}$	$\frac{9}{19}$	$\Phi_{1007}\ \Phi_{53}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
59909	1080	76	$\frac{1}{19}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{76}^{19}\ \Phi_{38}^{19}\ \Phi_{4}^{18}\ \Phi_{2}^{18}$
59910	1080	1007	$\frac{1}{19}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{9}{19}$	$\Phi_{1007}\ \Phi_{53}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
59911	1080	1330	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{19}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{266}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{14}^{2}$
59912	1080	1079	$\frac{53}{1079}$	$\frac{57}{1079}$	$\frac{284}{1079}$	$\frac{511}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
59913	1080	1623	$\frac{19}{541}$	$\frac{29}{541}$	$\frac{1}{3}$	$\frac{256}{541}$	Φ_{1623}
59914	1080	2304	$\frac{7}{128}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{121}{256}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
59915	1080	91	$\frac{5}{91}$	$\frac{1}{13}$	$\frac{16}{91}$	$\frac{43}{91}$	$\Phi_{91}^{12}\ \Phi_{13}^{11}\ \Phi_{7}^{12}\ \Phi_{1}^{12}$
59916	1080	1079	$\frac{38}{1079}$	$\frac{61}{1079}$	$\frac{347}{1079}$	$\frac{509}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
59917	1080	1079	$\frac{61}{1079}$	$\frac{95}{1079}$	$\frac{164}{1079}$	$\frac{509}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
59918	1080	1210	$\frac{7}{121}$	$\frac{1}{10}$	$\frac{16}{121}$	$\frac{57}{121}$	$\Phi_{1210}\ \Phi_{605}\ \Phi_{242}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
59919	1080	1581	$\frac{1}{31}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{1581}\ \Phi_{93}^{2}$
59920	1080	1003	$\frac{2}{59}$	$\frac{1}{17}$	$\frac{19}{59}$	$\frac{8}{17}$	$\Phi_{1003}\ \Phi_{59}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
59921	1080	1428	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{238}\ \Phi_{204}\ \Phi_{102}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
59922	1080	1003	$\frac{3}{59}$	$\frac{1}{17}$	$\frac{14}{59}$	$\frac{8}{17}$	$\Phi_{1003}\ \Phi_{59}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
59923	1080	1360	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
59924	1080	1003	$\frac{1}{17}$	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{8}{17}$	$\Phi_{1003}\ \Phi_{59}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
59925	1080	1326	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{442}\ \Phi_{78}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{2}$
59926	1080	1003	$\frac{1}{17}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{8}{17}$	$\Phi_{1003}\ \Phi_{59}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
59927	1080	1309	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{8}{17}$	$\Phi_{1309}\ \Phi_{77}^{2}$
59928	1080	83	$\frac{5}{83}$	$\frac{8}{83}$	$\frac{11}{83}$	$\frac{39}{83}$	$\Phi_{83}^{13}\ \Phi_{1}^{14}$
59929	1080	1267	$\frac{11}{181}$	$\frac{16}{181}$	$\frac{1}{7}$	$\frac{85}{181}$	Φ_{1267}
59930	1080	1079	$\frac{67}{1079}$	$\frac{74}{1079}$	$\frac{191}{1079}$	$\frac{506}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
59931	1080	1355	$\frac{16}{271}$	$\frac{17}{271}$	$\frac{1}{5}$	$\frac{127}{271}$	Φ_{1355}
59932	1080	1444	$\frac{16}{361}$	$\frac{23}{361}$	$\frac{1}{4}$	$\frac{169}{361}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
59933	1080	1079	$\frac{44}{1079}$	$\frac{69}{1079}$	$\frac{287}{1079}$	$\frac{505}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
59934	1080	1623	$\frac{16}{541}$	$\frac{35}{541}$	$\frac{1}{3}$	$\frac{253}{541}$	Φ_{1623}
59935	1080	169	$\frac{11}{169}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{79}{169}$	$\Phi_{169}^{6}\ \Phi_{13}^{11}\ \Phi_{1}^{12}$
59936	1080	1079	$\frac{32}{1079}$	$\frac{73}{1079}$	$\frac{349}{1079}$	$\frac{503}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
59937	1080	1079	$\frac{64}{1079}$	$\frac{73}{1079}$	$\frac{203}{1079}$	$\frac{503}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
59938	1080	1168	$\frac{1}{16}$	$\frac{5}{73}$	$\frac{13}{73}$	$\frac{34}{73}$	$\Phi_{1168}\ \Phi_{584}\ \Phi_{292}\ \Phi_{146}$
59939	1080	3108	$\frac{1}{37}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{3108}\ \Phi_{444}\ \Phi_{111}$
59940	1080	1988	$\frac{2}{71}$	$\frac{1}{14}$	$\frac{23}{71}$	$\frac{13}{28}$	$\Phi_{1988}\ \Phi_{284}\ \Phi_{71}\ \Phi_{28}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
59941	1080	700	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{700}\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{140}\ \Phi_{100}^2\ \Phi_{70}^2\ \Phi_{50}^3\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
59942	1080	1988	$\frac{3}{71}$	$\frac{1}{14}$	$\frac{17}{71}$	$\frac{13}{28}$	$\Phi_{1988}\ \Phi_{284}\ \Phi_{71}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
59943	1080	2660	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{2660}\ \Phi_{380}\ \Phi_{95}$
59944	1080	1988	$\frac{5}{71}$	$\frac{1}{14}$	$\frac{11}{71}$	$\frac{13}{28}$	$\Phi_{1988}\ \Phi_{284}\ \Phi_{71}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
59945	1080	364	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{364}^6\ \Phi_{91}\ \Phi_{52}^6$
59946	1080	1988	$\frac{1}{14}$	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{13}{28}$	$\Phi_{1988}\ \Phi_{284}\ \Phi_{71}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
59947	1080	1260	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{13}{28}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}\ \Phi_{180}^2\ \Phi_{90}\ \Phi_{84}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
59948	1080	1148	$\frac{1}{28}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{1148}\ \Phi_{574}\ \Phi_{287}\ \Phi_{164}\ \Phi_{82}$
59949	1080	1210	$\frac{9}{121}$	$\frac{1}{10}$	$\frac{13}{121}$	$\frac{56}{121}$	$\Phi_{1210}\ \Phi_{605}\ \Phi_{242}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
59950	1080	1079	$\frac{29}{1079}$	$\frac{81}{1079}$	$\frac{350}{1079}$	$\frac{499}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
59951	1080	1079	$\frac{81}{1079}$	$\frac{107}{1079}$	$\frac{116}{1079}$	$\frac{499}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
59952	1080	52	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{6}{13}$	$\Phi_{52}^{24}\ \Phi_{26}^{24}\ \Phi_{13}^{11}\ \Phi_4^{24}\ \Phi_2^{24}\ \Phi_1^{12}$
59953	1080	1302	$\frac{13}{217}$	$\frac{17}{217}$	$\frac{1}{6}$	$\frac{100}{217}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
59954	1080	1079	$\frac{59}{1079}$	$\frac{85}{1079}$	$\frac{194}{1079}$	$\frac{497}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
59955	1080	1001	$\frac{1}{13}$	$\frac{79}{1001}$	$\frac{12}{91}$	$\frac{461}{1001}$	$\Phi_{1001}\ \Phi_{143}\ \Phi_{91}^2\ \Phi_{77}\ \Phi_{13}\ \Phi_{11}\ \Phi_7^2\ \Phi_1^2$
59956	1080	1050	$\frac{1}{21}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{1050}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{150}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_6^2$
59957	1080	1444	$\frac{13}{361}$	$\frac{29}{361}$	$\frac{1}{4}$	$\frac{166}{361}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
59958	1080	1147	$\frac{1}{31}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	Φ_{1147}
59959	1080	1159	$\frac{1}{19}$	$\frac{5}{61}$	$\frac{11}{61}$	$\frac{28}{61}$	Φ_{1159}
59960	1080	83	$\frac{2}{83}$	$\frac{7}{83}$	$\frac{27}{83}$	$\frac{38}{83}$	$\Phi_{83}^{13}\ \Phi_1^{14}$
59961	1080	83	$\frac{3}{83}$	$\frac{7}{83}$	$\frac{20}{83}$	$\frac{38}{83}$	$\Phi_{83}^{13}\ \Phi_1^{14}$
59962	1080	83	$\frac{5}{83}$	$\frac{7}{83}$	$\frac{13}{83}$	$\frac{38}{83}$	$\Phi_{83}^{13}\ \Phi_1^{14}$
59963	1080	83	$\frac{6}{83}$	$\frac{7}{83}$	$\frac{11}{83}$	$\frac{38}{83}$	$\Phi_{83}^{13}\ \Phi_1^{14}$
59964	1080	1079	$\frac{49}{1079}$	$\frac{97}{1079}$	$\frac{206}{1079}$	$\frac{491}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
59965	1080	1079	$\frac{97}{1079}$	$\frac{98}{1079}$	$\frac{109}{1079}$	$\frac{491}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
59966	1080	1518	$\frac{1}{46}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{66}\ \Phi_6^2$
59967	1080	979	$\frac{2}{89}$	$\frac{1}{11}$	$\frac{29}{89}$	$\frac{5}{11}$	$\Phi_{979}\ \Phi_{89}^2\ \Phi_{11}^2\ \Phi_1^4$
59968	1080	1364	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{1364}\ \Phi_{682}\ \Phi_{124}^2\ \Phi_{62}^2$
59969	1080	979	$\frac{4}{89}$	$\frac{1}{11}$	$\frac{17}{89}$	$\frac{5}{11}$	$\Phi_{979}\ \Phi_{89}^2\ \Phi_{11}^2\ \Phi_1^4$
59970	1080	231	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{231}^5\ \Phi_{77}^5\ \Phi_{33}^5\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3^4$
59971	1080	1254	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2$
59972	1080	979	$\frac{5}{89}$	$\frac{1}{11}$	$\frac{14}{89}$	$\frac{5}{11}$	$\Phi_{979}\ \Phi_{89}^2\ \Phi_{11}^2\ \Phi_1^4$
59973	1080	1232	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2$
59974	1080	979	$\frac{8}{89}$	$\frac{1}{11}$	$\frac{9}{89}$	$\frac{5}{11}$	$\Phi_{979}\ \Phi_{89}^2\ \Phi_{11}^2\ \Phi_1^4$
59975	1080	110	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{11}$	$\Phi_{110}^{11}\ \Phi_{55}^{11}\ \Phi_{22}^{11}\ \Phi_{10}^{10}\ \Phi_5^{10}\ \Phi_2^{10}$
59976	1080	1079	$\frac{59}{1079}$	$\frac{101}{1079}$	$\frac{170}{1079}$	$\frac{489}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
59977	1080	1267	$\frac{11}{181}$	$\frac{17}{181}$	$\frac{1}{7}$	$\frac{82}{181}$	Φ_{1267}
59978	1080	1079	$\frac{49}{1079}$	$\frac{103}{1079}$	$\frac{197}{1079}$	$\frac{488}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
59979	1080	1168	$\frac{1}{16}$	$\frac{7}{73}$	$\frac{10}{73}$	$\frac{33}{73}$	$\Phi_{1168}\ \Phi_{584}\ \Phi_{292}\ \Phi_{146}$
59980	1080	1444	$\frac{11}{361}$	$\frac{35}{361}$	$\frac{1}{4}$	$\frac{163}{361}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
59981	1080	1079	$\frac{29}{1079}$	$\frac{105}{1079}$	$\frac{296}{1079}$	$\frac{487}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
59982	1080	1623	$\frac{11}{541}$	$\frac{53}{541}$	$\frac{1}{3}$	$\frac{244}{541}$	Φ_{1623}
59983	1080	91	$\frac{1}{13}$	$\frac{9}{91}$	$\frac{10}{91}$	$\frac{41}{91}$	$\Phi_{91}^{12}\ \Phi_{13}^{11}\ \Phi_{7}^{12}\ \Phi_{1}^{12}$
59984	1080	1199	$\frac{1}{11}$	$\frac{10}{109}$	$\frac{11}{109}$	$\frac{49}{109}$	Φ_{1199}
59985	1080	1079	$\frac{98}{1079}$	$\frac{99}{1079}$	$\frac{109}{1079}$	$\frac{485}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
59986	1080	1079	$\frac{80}{1079}$	$\frac{111}{1079}$	$\frac{119}{1079}$	$\frac{484}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
59987	1080	1079	$\frac{62}{1079}$	$\frac{113}{1079}$	$\frac{149}{1079}$	$\frac{483}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
59988	1080	1267	$\frac{10}{181}$	$\frac{19}{181}$	$\frac{1}{7}$	$\frac{81}{181}$	Φ_{1267}
59989	1080	1302	$\frac{10}{217}$	$\frac{23}{217}$	$\frac{1}{6}$	$\frac{97}{217}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
59990	1080	1079	$\frac{44}{1079}$	$\frac{115}{1079}$	$\frac{199}{1079}$	$\frac{482}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
59991	1080	1355	$\frac{10}{271}$	$\frac{29}{271}$	$\frac{1}{5}$	$\frac{121}{271}$	Φ_{1355}
59992	1080	1444	$\frac{10}{361}$	$\frac{39}{361}$	$\frac{1}{4}$	$\frac{161}{361}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
59993	1080	83	$\frac{2}{83}$	$\frac{9}{83}$	$\frac{23}{83}$	$\frac{37}{83}$	$\Phi_{83}^{13}\ \Phi_{1}^{14}$
59994	1080	1623	$\frac{10}{541}$	$\frac{59}{541}$	$\frac{1}{3}$	$\frac{241}{541}$	Φ_{1623}
59995	1080	495	$\frac{1}{55}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{495}^{2}\ \Phi_{165}^{3}\ \Phi_{99}^{2}\ \Phi_{55}^{2}\ \Phi_{45}^{2}\ \Phi_{33}^{3}\ \Phi_{15}^{3}\ \Phi_{11}^{2}\ \Phi_{5}^{2}$
59996	1080	963	$\frac{2}{107}$	$\frac{1}{9}$	$\frac{35}{107}$	$\frac{4}{9}$	$\Phi_{963}\ \Phi_{321}\ \Phi_{107}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
59997	1080	1332	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1332}\ \Phi_{666}\ \Phi_{444}\ \Phi_{222}\ \Phi_{148}^{2}\ \Phi_{74}^{2}$
59998	1080	963	$\frac{3}{107}$	$\frac{1}{9}$	$\frac{26}{107}$	$\frac{4}{9}$	$\Phi_{963}\ \Phi_{321}\ \Phi_{107}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
59999	1080	1260	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}^{2}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}^{2}\ \Phi_{60}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
60000	1080	963	$\frac{5}{107}$	$\frac{1}{9}$	$\frac{17}{107}$	$\frac{4}{9}$	$\Phi_{963}\ \Phi_{321}\ \Phi_{107}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
60001	1080	1197	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{133}^{2}$
60002	1080	963	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{963}\ \Phi_{321}\ \Phi_{107}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
60003	1080	1170	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{130}^{2}\ \Phi_{78}\ \Phi_{65}^{2}\ \Phi_{26}^{2}$
60004	1080	1079	$\frac{20}{1079}$	$\frac{121}{1079}$	$\frac{353}{1079}$	$\frac{479}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60005	1080	1150	$\frac{1}{46}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1150}\ \Phi_{575}\ \Phi_{230}\ \Phi_{115}\ \Phi_{50}\ \Phi_{10}$
60006	1080	2928	$\frac{1}{61}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2928}\ \Phi_{183}$
60007	1080	1904	$\frac{2}{119}$	$\frac{1}{8}$	$\frac{39}{119}$	$\frac{7}{16}$	$\Phi_{1904}\ \Phi_{272}\ \Phi_{119}\ \Phi_{112}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
60008	1080	656	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{656}^{3}\ \Phi_{164}\ \Phi_{82}$
60009	1080	1904	$\frac{3}{119}$	$\frac{1}{8}$	$\frac{29}{119}$	$\frac{7}{16}$	$\Phi_{1904}\ \Phi_{272}\ \Phi_{119}\ \Phi_{112}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
60010	1080	2480	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{2480}\ \Phi_{155}$
60011	1080	1904	$\frac{4}{119}$	$\frac{1}{8}$	$\frac{23}{119}$	$\frac{7}{16}$	$\Phi_{1904}\ \Phi_{272}\ \Phi_{119}\ \Phi_{112}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
60012	1080	1200	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{1200}^{2}\ \Phi_{400}\ \Phi_{240}^{2}\ \Phi_{150}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
60013	1080	1904	$\frac{5}{119}$	$\frac{1}{8}$	$\frac{19}{119}$	$\frac{7}{16}$	$\Phi_{1904}\ \Phi_{272}\ \Phi_{119}\ \Phi_{112}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
60014	1080	336	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{336}^{6}\ \Phi_{112}^{5}\ \Phi_{48}^{6}\ \Phi_{21}^{6}\ \Phi_{16}^{6}\ \Phi_{7}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
60015	1080	272	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{272}^{7}\ \Phi_{17}^{7}\ \Phi_{16}^{8}\ \Phi_{1}^{8}$
60016	1080	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{144}^{8}\ \Phi_{72}^{9}\ \Phi_{48}^{8}\ \Phi_{36}^{9}\ \Phi_{24}^{9}\ \Phi_{18}^{9}\ \Phi_{12}^{9}\ \Phi_{9}^{8}\ \Phi_{6}^{9}\ \Phi_{3}^{8}$
60017	1080	1904	$\frac{9}{119}$	$\frac{11}{119}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1904}\ \Phi_{272}\ \Phi_{119}\ \Phi_{112}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
60018	1080	2288	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2288}\ \Phi_{143}$
60019	1080	1079	$\frac{17}{1079}$	$\frac{145}{1079}$	$\frac{354}{1079}$	$\frac{467}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60020	1080	1079	$\frac{34}{1079}$	$\frac{145}{1079}$	$\frac{209}{1079}$	$\frac{467}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60021	1080	2142	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{16}{119}$	$\frac{103}{238}$	$\Phi_{2142}\ \Phi_{714}\ \Phi_{306}\ \Phi_{153}\ \Phi_{126}\ \Phi_{102}\ \Phi_{51}\ \Phi_{42}\ \Phi_{18}\ \Phi_{6}$
60022	1080	1147	$\frac{1}{31}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	Φ_{1147}
60023	1080	1079	$\frac{41}{1079}$	$\frac{151}{1079}$	$\frac{173}{1079}$	$\frac{464}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60024	1080	469	$\frac{1}{67}$	$\frac{1}{7}$	$\frac{22}{67}$	$\frac{3}{7}$	$\Phi_{469}^{2}\ \Phi_{67}^{4}\ \Phi_{7}^{3}\ \Phi_{1}^{6}$
60025	1080	385	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{385}^{3}\ \Phi_{77}^{3}\ \Phi_{55}^{2}\ \Phi_{35}^{3}\ \Phi_{11}^{2}\ \Phi_{5}^{2}$
60026	1080	644	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{644}^{2}\ \Phi_{322}\ \Phi_{161}\ \Phi_{92}^{4}\ \Phi_{46}^{2}\ \Phi_{28}\ \Phi_{23}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
60027	1080	469	$\frac{2}{67}$	$\frac{1}{7}$	$\frac{13}{67}$	$\frac{3}{7}$	$\Phi_{469}^{2}\ \Phi_{67}^{4}\ \Phi_{7}^{3}\ \Phi_{1}^{6}$
60028	1080	84	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{84}^{16}\ \Phi_{42}^{15}\ \Phi_{28}^{8}\ \Phi_{21}^{15}\ \Phi_{14}^{7}\ \Phi_{12}^{16}\ \Phi_{7}^{8}\ \Phi_{6}^{14}\ \Phi_{4}^{8}\ \Phi_{3}^{14}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
60029	1080	469	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{469}^{2}\ \Phi_{67}^{4}\ \Phi_{7}^{3}\ \Phi_{1}^{6}$
60030	1080	560	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{140}^{2}\ \Phi_{112}\ \Phi_{80}^{4}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}^{4}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}^{4}\ \Phi_{16}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
60031	1080	637	$\frac{1}{13}$	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{637}^{2}\ \Phi_{91}$
60032	1080	1159	$\frac{1}{19}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{26}{61}$	Φ_{1159}
60033	1080	1079	$\frac{62}{1079}$	$\frac{113}{1079}$	$\frac{161}{1079}$	$\frac{459}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60034	1080	1168	$\frac{1}{16}$	$\frac{7}{73}$	$\frac{11}{73}$	$\frac{31}{73}$	$\Phi_{1168}\ \Phi_{584}\ \Phi_{292}\ \Phi_{146}$
60035	1080	1079	$\frac{23}{1079}$	$\frac{163}{1079}$	$\frac{264}{1079}$	$\frac{458}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60036	1080	1079	$\frac{69}{1079}$	$\frac{101}{1079}$	$\frac{163}{1079}$	$\frac{458}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60037	1080	26	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{26}$	$\Phi_{26}^{72}\ \Phi_{13}^{11}\ \Phi_{2}^{72}\ \Phi_{1}^{12}$
60038	1080	1199	$\frac{7}{109}$	$\frac{1}{11}$	$\frac{17}{109}$	$\frac{46}{109}$	Φ_{1199}
60039	1080	83	$\frac{5}{83}$	$\frac{8}{83}$	$\frac{13}{83}$	$\frac{35}{83}$	$\Phi_{83}^{13}\ \Phi_{1}^{14}$
60040	1080	1210	$\frac{7}{121}$	$\frac{1}{10}$	$\frac{19}{121}$	$\frac{51}{121}$	$\Phi_{1210}\ \Phi_{605}\ \Phi_{242}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
60041	1080	1079	$\frac{53}{1079}$	$\frac{125}{1079}$	$\frac{171}{1079}$	$\frac{454}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60042	1080	1267	$\frac{7}{181}$	$\frac{1}{7}$	$\frac{29}{181}$	$\frac{76}{181}$	Φ_{1267}
60043	1080	1147	$\frac{1}{37}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	Φ_{1147}
60044	1080	186	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{1}{6}$	$\frac{13}{31}$	$\Phi_{186}^{7}\ \Phi_{93}^{7}\ \Phi_{62}^{7}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}$
60045	1080	1079	$\frac{29}{1079}$	$\frac{175}{1079}$	$\frac{209}{1079}$	$\frac{452}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60046	1080	1444	$\frac{7}{361}$	$\frac{59}{361}$	$\frac{1}{4}$	$\frac{151}{361}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
60047	1080	1079	$\frac{17}{1079}$	$\frac{177}{1079}$	$\frac{314}{1079}$	$\frac{451}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60048	1080	1623	$\frac{7}{541}$	$\frac{89}{541}$	$\frac{1}{3}$	$\frac{226}{541}$	Φ_{1623}
60049	1080	1079	$\frac{14}{1079}$	$\frac{181}{1079}$	$\frac{355}{1079}$	$\frac{449}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60050	1080	1079	$\frac{35}{1079}$	$\frac{174}{1079}$	$\frac{181}{1079}$	$\frac{449}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60051	1080	1148	$\frac{1}{28}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{1148}\ \Phi_{574}\ \Phi_{287}\ \Phi_{164}\ \Phi_{82}$
60052	1080	1079	$\frac{53}{1079}$	$\frac{114}{1079}$	$\frac{193}{1079}$	$\frac{443}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60053	1080	1159	$\frac{1}{19}$	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{25}{61}$	Φ_{1159}
60054	1080	1079	$\frac{71}{1079}$	$\frac{84}{1079}$	$\frac{199}{1079}$	$\frac{440}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60055	1080	91	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{17}{91}$	$\frac{37}{91}$	$\Phi_{91}^{12}\ \Phi_{13}^{11}\ \Phi_{7}^{12}\ \Phi_{1}^{12}$
60056	1080	1079	$\frac{54}{1079}$	$\frac{107}{1079}$	$\frac{205}{1079}$	$\frac{437}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
60057	1080	1210	$\frac{6}{121}$	$\frac{1}{10}$	$\frac{23}{121}$	$\frac{49}{121}$	$\Phi_{1210}\ \Phi_{605}\ \Phi_{242}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
60058	1080	1267	$\frac{6}{181}$	$\frac{1}{7}$	$\frac{35}{181}$	$\frac{73}{181}$	Φ_{1267}
60059	1080	1079	$\frac{34}{1079}$	$\frac{161}{1079}$	$\frac{209}{1079}$	$\frac{435}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60060	1080	1079	$\frac{24}{1079}$	$\frac{211}{1079}$	$\frac{215}{1079}$	$\frac{434}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60061	1080	1355	$\frac{6}{271}$	$\frac{53}{271}$	$\frac{1}{5}$	$\frac{109}{271}$	Φ_{1355}
60062	1080	1444	$\frac{6}{361}$	$\frac{71}{361}$	$\frac{1}{4}$	$\frac{145}{361}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
60063	1080	1079	$\frac{14}{1079}$	$\frac{213}{1079}$	$\frac{323}{1079}$	$\frac{433}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60064	1080	1623	$\frac{6}{541}$	$\frac{107}{541}$	$\frac{1}{3}$	$\frac{217}{541}$	Φ_{1623}
60065	1080	1365	$\frac{1}{91}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1365}\ \Phi_{273}^{2}\ \Phi_{195}\ \Phi_{105}\ \Phi_{39}^{2}\ \Phi_{21}^{2}$
60066	1080	895	$\frac{2}{179}$	$\frac{1}{5}$	$\frac{59}{179}$	$\frac{2}{5}$	$\Phi_{895}\ \Phi_{179}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
60067	1080	1220	$\frac{1}{61}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1220}\ \Phi_{610}\ \Phi_{244}^{2}\ \Phi_{122}^{2}$
60068	1080	895	$\frac{3}{179}$	$\frac{1}{5}$	$\frac{44}{179}$	$\frac{2}{5}$	$\Phi_{895}\ \Phi_{179}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
60069	1080	230	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{230}^{5}\ \Phi_{115}^{5}\ \Phi_{46}^{4}\ \Phi_{23}^{4}\ \Phi_{10}^{5}\ \Phi_{2}^{4}$
60070	1080	895	$\frac{4}{179}$	$\frac{35}{179}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{895}\ \Phi_{179}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
60071	1080	1110	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1110}\ \Phi_{555}\ \Phi_{370}\ \Phi_{222}^{2}\ \Phi_{111}^{2}\ \Phi_{74}^{2}$
60072	1080	895	$\frac{5}{179}$	$\frac{29}{179}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{895}\ \Phi_{179}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
60073	1080	1085	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1085}\ \Phi_{217}^{2}$
60074	1080	895	$\frac{8}{179}$	$\frac{19}{179}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{895}\ \Phi_{179}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
60075	1080	210	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{210}^{6}\ \Phi_{105}^{5}\ \Phi_{70}^{6}\ \Phi_{42}^{6}\ \Phi_{35}^{5}\ \Phi_{30}^{6}\ \Phi_{21}^{4}\ \Phi_{15}^{5}\ \Phi_{14}^{6}\ \Phi_{7}^{4}\ \Phi_{6}^{6}\ \Phi_{3}^{4}$
60076	1080	895	$\frac{9}{179}$	$\frac{17}{179}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{895}\ \Phi_{179}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
60077	1080	1045	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1045}\ \Phi_{209}^{2}$
60078	1080	895	$\frac{11}{179}$	$\frac{14}{179}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{895}\ \Phi_{179}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
60079	1080	1040	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}^{2}\ \Phi_{130}\ \Phi_{104}^{2}\ \Phi_{52}^{2}\ \Phi_{26}^{2}$
60080	1080	1079	$\frac{24}{1079}$	$\frac{211}{1079}$	$\frac{217}{1079}$	$\frac{431}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60081	1080	1148	$\frac{1}{28}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{1148}\ \Phi_{574}\ \Phi_{287}\ \Phi_{164}\ \Phi_{82}$
60082	1080	1079	$\frac{11}{1079}$	$\frac{241}{1079}$	$\frac{356}{1079}$	$\frac{419}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60083	1080	1079	$\frac{44}{1079}$	$\frac{115}{1079}$	$\frac{241}{1079}$	$\frac{419}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60084	1080	924	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{924}^{2}\ \Phi_{308}^{2}\ \Phi_{231}\ \Phi_{132}^{2}\ \Phi_{84}^{2}\ \Phi_{77}\ \Phi_{33}\ \Phi_{28}^{2}\ \Phi_{12}^{2}$
60085	1080	91	$\frac{1}{91}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{91}^{12}\ \Phi_{13}^{11}\ \Phi_{7}^{12}\ \Phi_{1}^{12}$
60086	1080	143	$\frac{8}{143}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{143}^{8}\ \Phi_{13}^{3}\ \Phi_{11}^{8}\ \Phi_{1}^{4}$
60087	1080	1168	$\frac{1}{16}$	$\frac{5}{73}$	$\frac{17}{73}$	$\frac{28}{73}$	$\Phi_{1168}\ \Phi_{584}\ \Phi_{292}\ \Phi_{146}$
60088	1080	1079	$\frac{67}{1079}$	$\frac{74}{1079}$	$\frac{253}{1079}$	$\frac{413}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60089	1080	1210	$\frac{5}{121}$	$\frac{1}{10}$	$\frac{29}{121}$	$\frac{46}{121}$	$\Phi_{1210}\ \Phi_{605}\ \Phi_{242}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
60090	1080	1079	$\frac{35}{1079}$	$\frac{134}{1079}$	$\frac{261}{1079}$	$\frac{409}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60091	1080	1302	$\frac{5}{217}$	$\frac{1}{6}$	$\frac{53}{217}$	$\frac{82}{217}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
60092	1080	1079	$\frac{19}{1079}$	$\frac{224}{1079}$	$\frac{265}{1079}$	$\frac{407}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60093	1080	1444	$\frac{5}{361}$	$\frac{89}{361}$	$\frac{1}{4}$	$\frac{136}{361}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
60094	1080	2616	$\frac{1}{109}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2616}\ \Phi_{327}$
60095	1080	1720	$\frac{2}{215}$	$\frac{1}{4}$	$\frac{71}{215}$	$\frac{3}{8}$	$\Phi_{1720}\ \Phi_{344}\ \Phi_{215}\ \Phi_{43}\ \Phi_{40}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
60096	1080	584	$\frac{1}{73}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{584}^3\ \Phi_{292}\ \Phi_{146}$
60097	1080	1720	$\frac{3}{215}$	$\frac{53}{215}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1720}\ \Phi_{344}\ \Phi_{215}\ \Phi_{43}\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
60098	1080	440	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^4\ \Phi_{88}^4\ \Phi_{55}^4\ \Phi_{40}^3\ \Phi_{11}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_1^4$
60099	1080	344	$\frac{1}{43}$	$\frac{7}{43}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{344}^5\ \Phi_{43}^5\ \Phi_8^6\ \Phi_1^6$
60100	1080	1312	$\frac{1}{41}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1312}\ \Phi_{656}\ \Phi_{164}\ \Phi_{82}$
60101	1080	2072	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2072}\ \Phi_{259}$
60102	1080	1720	$\frac{7}{215}$	$\frac{26}{215}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1720}\ \Phi_{344}\ \Phi_{215}\ \Phi_{43}\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
60103	1080	504	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^4\ \Phi_{252}\ \Phi_{168}^4\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}^3\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
60104	1080	1720	$\frac{8}{215}$	$\frac{23}{215}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1720}\ \Phi_{344}\ \Phi_{215}\ \Phi_{43}\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
60105	1080	200	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{200}^9\ \Phi_{50}^5\ \Phi_{40}^7\ \Phi_{25}^4\ \Phi_{10}^4\ \Phi_8^8\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
60106	1080	1720	$\frac{11}{215}$	$\frac{17}{215}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1720}\ \Phi_{344}\ \Phi_{215}\ \Phi_{43}\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
60107	1080	1976	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1976}\ \Phi_{247}$
60108	1080	1079	$\frac{15}{1079}$	$\frac{266}{1079}$	$\frac{271}{1079}$	$\frac{404}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
60109	1080	1159	$\frac{1}{61}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	Φ_{1159}
60110	1080	1079	$\frac{19}{1079}$	$\frac{212}{1079}$	$\frac{289}{1079}$	$\frac{395}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
60111	1080	1079	$\frac{23}{1079}$	$\frac{176}{1079}$	$\frac{301}{1079}$	$\frac{389}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
60112	1080	1150	$\frac{1}{46}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1150}\ \Phi_{575}\ \Phi_{230}\ \Phi_{115}\ \Phi_{50}\ \Phi_{10}$
60113	1080	574	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{574}^3\ \Phi_{287}\ \Phi_{82}^3$
60114	1080	1147	$\frac{1}{37}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	Φ_{1147}
60115	1080	1147	$\frac{1}{31}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	Φ_{1147}
60116	1080	1079	$\frac{35}{1079}$	$\frac{116}{1079}$	$\frac{321}{1079}$	$\frac{379}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
60117	1080	83	$\frac{3}{83}$	$\frac{8}{83}$	$\frac{25}{83}$	$\frac{29}{83}$	$\Phi_{83}^{13}\ \Phi_1^{14}$
60118	1080	1079	$\frac{47}{1079}$	$\frac{86}{1079}$	$\frac{331}{1079}$	$\frac{374}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
60119	1080	1155	$\frac{1}{21}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}\ \Phi_{35}\ \Phi_{33}\ \Phi_{15}$
60120	1080	1159	$\frac{1}{19}$	$\frac{4}{61}$	$\frac{19}{61}$	$\frac{21}{61}$	Φ_{1159}
60121	1080	1079	$\frac{59}{1079}$	$\frac{68}{1079}$	$\frac{337}{1079}$	$\frac{371}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
60122	1080	1168	$\frac{4}{73}$	$\frac{1}{16}$	$\frac{23}{73}$	$\frac{25}{73}$	$\Phi_{1168}\ \Phi_{584}\ \Phi_{292}\ \Phi_{146}$
60123	1080	1079	$\frac{56}{1079}$	$\frac{71}{1079}$	$\frac{341}{1079}$	$\frac{369}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
60124	1080	1079	$\frac{50}{1079}$	$\frac{79}{1079}$	$\frac{343}{1079}$	$\frac{368}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
60125	1080	91	$\frac{4}{91}$	$\frac{1}{13}$	$\frac{29}{91}$	$\frac{31}{91}$	$\Phi_{91}^{12}\ \Phi_{13}^{11}\ \Phi_7^{12}\ \Phi_1^{12}$
60126	1080	1199	$\frac{4}{109}$	$\frac{1}{11}$	$\frac{35}{109}$	$\frac{37}{109}$	Φ_{1199}
60127	1080	1210	$\frac{4}{121}$	$\frac{1}{10}$	$\frac{39}{121}$	$\frac{41}{121}$	$\Phi_{1210}\ \Phi_{605}\ \Phi_{242}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
60128	1080	1079	$\frac{32}{1079}$	$\frac{119}{1079}$	$\frac{349}{1079}$	$\frac{365}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
60129	1080	612	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{11}{34}$	$\frac{23}{68}$	$\Phi_{612}^3\ \Phi_{306}\ \Phi_{204}^3\ \Phi_{153}\ \Phi_{102}\ \Phi_{51}\ \Phi_{36}^3\ \Phi_{18}\ \Phi_{12}^3\ \Phi_6$
60130	1080	83	$\frac{2}{83}$	$\frac{11}{83}$	$\frac{27}{83}$	$\frac{28}{83}$	$\Phi_{83}^{13}\ \Phi_1^{14}$
60131	1080	1267	$\frac{4}{181}$	$\frac{1}{7}$	$\frac{59}{181}$	$\frac{61}{181}$	Φ_{1267}
60132	1080	1079	$\frac{20}{1079}$	$\frac{179}{1079}$	$\frac{353}{1079}$	$\frac{363}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_1^2$
60133	1080	1302	$\frac{4}{217}$	$\frac{1}{6}$	$\frac{71}{217}$	$\frac{73}{217}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
60134	1080	1355	$\frac{4}{271}$	$\frac{1}{5}$	$\frac{89}{271}$	$\frac{91}{271}$	Φ_{1355}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
60135	1080	1079	$\frac{14}{1079}$	$\frac{239}{1079}$	$\frac{355}{1079}$	$\frac{362}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60136	1080	1444	$\frac{4}{361}$	$\frac{1}{4}$	$\frac{119}{361}$	$\frac{121}{361}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
60137	1080	1079	$\frac{8}{1079}$	$\frac{357}{1079}$	$\frac{359}{1079}$	$\frac{361}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60138	1080	1623	$\frac{4}{541}$	$\frac{179}{541}$	$\frac{1}{3}$	$\frac{181}{541}$	Φ_{1623}
60139	1080	408	$\frac{1}{136}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{408}^{3}\ \Phi_{204}^{3}\ \Phi_{136}^{2}\ \Phi_{102}^{3}\ \Phi_{68}^{2}\ \Phi_{51}^{3}\ \Phi_{34}^{2}\ \Phi_{24}^{3}\ \Phi_{17}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
60140	1080	807	$\frac{2}{269}$	$\frac{89}{269}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{807}\ \Phi_{269}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
60141	1080	1092	$\frac{1}{91}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}^{2}\ \Phi_{182}^{2}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}^{2}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{26}^{2}\ \Phi_{14}^{2}$
60142	1080	807	$\frac{4}{269}$	$\frac{53}{269}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{807}\ \Phi_{269}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
60143	1080	330	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{330}^{4}\ \Phi_{165}^{3}\ \Phi_{110}^{4}\ \Phi_{66}^{4}\ \Phi_{55}^{2}\ \Phi_{33}^{3}\ \Phi_{30}^{4}\ \Phi_{22}^{4}\ \Phi_{15}^{3}\ \Phi_{11}^{2}\ \Phi_{10}^{4}\ \Phi_{5}^{2}$
60144	1080	807	$\frac{5}{269}$	$\frac{44}{269}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{807}\ \Phi_{269}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
60145	1080	966	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{322}^{2}\ \Phi_{161}^{2}\ \Phi_{42}\ \Phi_{14}^{2}$
60146	1080	807	$\frac{8}{269}$	$\frac{29}{269}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{807}\ \Phi_{269}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
60147	1080	930	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{930}\ \Phi_{465}\ \Phi_{310}^{2}\ \Phi_{186}\ \Phi_{155}^{2}\ \Phi_{62}^{2}$
60148	1080	807	$\frac{9}{269}$	$\frac{26}{269}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{807}\ \Phi_{269}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
60149	1080	924	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}^{2}\ \Phi_{231}\ \Phi_{154}^{2}\ \Phi_{132}\ \Phi_{77}^{2}\ \Phi_{66}\ \Phi_{44}^{2}\ \Phi_{22}^{2}$
60150	1080	807	$\frac{14}{269}$	$\frac{17}{269}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{807}\ \Phi_{269}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
60151	1080	912	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}^{2}\ \Phi_{228}\ \Phi_{152}^{2}\ \Phi_{114}\ \Phi_{76}^{2}\ \Phi_{38}^{2}$
60152	1080	2148	$\frac{2}{179}$	$\frac{1}{4}$	$\frac{59}{179}$	$\frac{1}{3}$	$\Phi_{2148}\ \Phi_{1074}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
60153	1080	1623	$\frac{7}{541}$	$\frac{121}{541}$	$\frac{178}{541}$	$\frac{1}{3}$	Φ_{1623}
60154	1080	1005	$\frac{1}{67}$	$\frac{1}{5}$	$\frac{22}{67}$	$\frac{1}{3}$	$\Phi_{1005}^{2}\ \Phi_{15}^{3}$
60155	1080	1623	$\frac{10}{541}$	$\frac{91}{541}$	$\frac{177}{541}$	$\frac{1}{3}$	Φ_{1623}
60156	1080	642	$\frac{2}{107}$	$\frac{1}{6}$	$\frac{35}{107}$	$\frac{1}{3}$	$\Phi_{642}^{2}\ \Phi_{321}\ \Phi_{214}^{2}\ \Phi_{107}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
60157	1080	1869	$\frac{2}{89}$	$\frac{1}{7}$	$\frac{29}{89}$	$\frac{1}{3}$	$\Phi_{1869}\ \Phi_{21}^{2}$
60158	1080	1623	$\frac{13}{541}$	$\frac{73}{541}$	$\frac{176}{541}$	$\frac{1}{3}$	Φ_{1623}
60159	1080	1623	$\frac{16}{541}$	$\frac{61}{541}$	$\frac{175}{541}$	$\frac{1}{3}$	Φ_{1623}
60160	1080	1770	$\frac{2}{59}$	$\frac{1}{10}$	$\frac{19}{59}$	$\frac{1}{3}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{354}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}$
60161	1080	1749	$\frac{2}{53}$	$\frac{1}{11}$	$\frac{17}{53}$	$\frac{1}{3}$	$\Phi_{1749}\ \Phi_{33}^{2}$
60162	1080	858	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{858}^{2}\ \Phi_{429}^{2}\ \Phi_{78}^{2}\ \Phi_{39}^{3}$
60163	1080	1623	$\frac{25}{541}$	$\frac{41}{541}$	$\frac{172}{541}$	$\frac{1}{3}$	Φ_{1623}
60164	1080	1623	$\frac{28}{541}$	$\frac{37}{541}$	$\frac{171}{541}$	$\frac{1}{3}$	Φ_{1623}
60165	1080	1680	$\frac{2}{35}$	$\frac{1}{16}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{60}\ \Phi_{48}^{2}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
60166	1080	1623	$\frac{31}{541}$	$\frac{34}{541}$	$\frac{169}{541}$	$\frac{1}{3}$	Φ_{1623}
60167	1080	1653	$\frac{1}{19}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{1653}\ \Phi_{57}^{2}$
60168	1080	273	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{273}^{4}\ \Phi_{91}^{4}\ \Phi_{39}^{2}\ \Phi_{21}^{6}\ \Phi_{13}^{4}\ \Phi_{7}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
60169	1080	1623	$\frac{25}{541}$	$\frac{43}{541}$	$\frac{166}{541}$	$\frac{1}{3}$	Φ_{1623}
60170	1080	1623	$\frac{21}{541}$	$\frac{52}{541}$	$\frac{163}{541}$	$\frac{1}{3}$	Φ_{1623}
60171	1080	1623	$\frac{19}{541}$	$\frac{58}{541}$	$\frac{161}{541}$	$\frac{1}{3}$	Φ_{1623}
60172	1080	1581	$\frac{1}{31}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{1581}\ \Phi_{93}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
60173	1080	777	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{777}^2\ \Phi_{111}^3$
60174	1080	1623	$\frac{13}{541}$	$\frac{88}{541}$	$\frac{151}{541}$	$\frac{1}{3}$	Φ_{1623}
60175	1080	1518	$\frac{1}{46}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{66}\ \Phi_{6}^2$
60176	1080	1623	$\frac{11}{541}$	$\frac{106}{541}$	$\frac{145}{541}$	$\frac{1}{3}$	Φ_{1623}
60177	1080	1485	$\frac{1}{55}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1485}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}\ \Phi_{33}\ \Phi_{15}$
60178	1080	1623	$\frac{9}{541}$	$\frac{133}{541}$	$\frac{136}{541}$	$\frac{1}{3}$	Φ_{1623}
60179	1080	732	$\frac{1}{61}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{732}^2\ \Phi_{366}^2\ \Phi_{183}^3$
60180	1080	2148	$\frac{3}{179}$	$\frac{44}{179}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2148}\ \Phi_{1074}\ \Phi_{12}^2\ \Phi_{6}^2$
60181	1080	1380	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1380}^2\ \Phi_{690}\ \Phi_{345}\ \Phi_{60}\ \Phi_{15}$
60182	1080	2148	$\frac{4}{179}$	$\frac{35}{179}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2148}\ \Phi_{1074}\ \Phi_{12}^2\ \Phi_{6}^2$
60183	1080	444	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{444}^3\ \Phi_{222}\ \Phi_{148}^4\ \Phi_{111}^2\ \Phi_{74}^2\ \Phi_{37}^2$
60184	1080	2148	$\frac{5}{179}$	$\frac{29}{179}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2148}\ \Phi_{1074}\ \Phi_{12}^2\ \Phi_{6}^2$
60185	1080	2604	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2604}\ \Phi_{1302}$
60186	1080	2148	$\frac{8}{179}$	$\frac{19}{179}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2148}\ \Phi_{1074}\ \Phi_{12}^2\ \Phi_{6}^2$
60187	1080	420	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^2\ \Phi_{140}^4\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
60188	1080	2148	$\frac{9}{179}$	$\frac{17}{179}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2148}\ \Phi_{1074}\ \Phi_{12}^2\ \Phi_{6}^2$
60189	1080	2508	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2508}\ \Phi_{1254}$
60190	1080	2148	$\frac{11}{179}$	$\frac{14}{179}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2148}\ \Phi_{1074}\ \Phi_{12}^2\ \Phi_{6}^2$
60191	1080	624	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{39}^3$
60192	1080	642	$\frac{3}{107}$	$\frac{1}{6}$	$\frac{26}{107}$	$\frac{1}{3}$	$\Phi_{642}^2\ \Phi_{321}\ \Phi_{214}^2\ \Phi_{107}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
60193	1080	1623	$\frac{17}{541}$	$\frac{82}{541}$	$\frac{131}{541}$	$\frac{1}{3}$	Φ_{1623}
60194	1080	1770	$\frac{3}{59}$	$\frac{1}{10}$	$\frac{14}{59}$	$\frac{1}{3}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{354}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
60195	1080	1623	$\frac{33}{541}$	$\frac{46}{541}$	$\frac{127}{541}$	$\frac{1}{3}$	Φ_{1623}
60196	1080	1680	$\frac{1}{16}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
60197	1080	1623	$\frac{28}{541}$	$\frac{57}{541}$	$\frac{121}{541}$	$\frac{1}{3}$	Φ_{1623}
60198	1080	1596	$\frac{1}{28}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{399}\ \Phi_{228}\ \Phi_{114}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_{6}^2$
60199	1080	1623	$\frac{16}{541}$	$\frac{105}{541}$	$\frac{109}{541}$	$\frac{1}{3}$	Φ_{1623}
60200	1080	1005	$\frac{2}{67}$	$\frac{13}{67}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1005}^2\ \Phi_{15}^3$
60201	1080	420	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^4\ \Phi_{105}^3\ \Phi_{70}^4\ \Phi_{60}^3\ \Phi_{35}^4\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{5}^2$
60202	1080	1005	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1005}^2\ \Phi_{15}^3$
60203	1080	240	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{60}^7\ \Phi_{48}^8\ \Phi_{30}^3\ \Phi_{24}^8\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_{6}^4\ \Phi_{3}^4$
60204	1080	1869	$\frac{4}{89}$	$\frac{1}{7}$	$\frac{17}{89}$	$\frac{1}{3}$	$\Phi_{1869}\ \Phi_{21}^2$
60205	1080	1623	$\frac{26}{541}$	$\frac{73}{541}$	$\frac{103}{541}$	$\frac{1}{3}$	Φ_{1623}
60206	1080	1770	$\frac{4}{59}$	$\frac{1}{10}$	$\frac{11}{59}$	$\frac{1}{3}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{354}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
60207	1080	1623	$\frac{41}{541}$	$\frac{49}{541}$	$\frac{100}{541}$	$\frac{1}{3}$	Φ_{1623}
60208	1080	429	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{429}^4\ \Phi_{39}^5$
60209	1080	1623	$\frac{37}{541}$	$\frac{56}{541}$	$\frac{97}{541}$	$\frac{1}{3}$	Φ_{1623}
60210	1080	1653	$\frac{1}{19}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{1653}\ \Phi_{57}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
60211	1080	1623	$\frac{25}{541}$	$\frac{86}{541}$	$\frac{91}{541}$	$\frac{1}{3}$	Φ_{1623}
60212	1080	642	$\frac{5}{107}$	$\frac{17}{107}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{642}^2\ \Phi_{321}\ \Phi_{214}^2\ \Phi_{107}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
60213	1080	798	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{798}^2\ \Phi_{399}\ \Phi_{266}^2\ \Phi_{133}^2$
60214	1080	642	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{642}^2\ \Phi_{321}\ \Phi_{214}^2\ \Phi_{107}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
60215	1080	390	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{390}^3\ \Phi_{195}^3\ \Phi_{130}^4\ \Phi_{78}\ \Phi_{65}^4\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2$
60216	1080	1869	$\frac{5}{89}$	$\frac{1}{7}$	$\frac{14}{89}$	$\frac{1}{3}$	$\Phi_{1869}\ \Phi_{21}^2$
60217	1080	1623	$\frac{31}{541}$	$\frac{76}{541}$	$\frac{85}{541}$	$\frac{1}{3}$	Φ_{1623}
60218	1080	1770	$\frac{5}{59}$	$\frac{1}{10}$	$\frac{9}{59}$	$\frac{1}{3}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{354}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
60219	1080	1623	$\frac{49}{541}$	$\frac{51}{541}$	$\frac{82}{541}$	$\frac{1}{3}$	Φ_{1623}
60220	1080	1749	$\frac{1}{11}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{3}$	$\Phi_{1749}\ \Phi_{33}^2$
60221	1080	1623	$\frac{46}{541}$	$\frac{55}{541}$	$\frac{81}{541}$	$\frac{1}{3}$	Φ_{1623}
60222	1080	336	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{84}^5\ \Phi_{48}^6\ \Phi_{42}^5\ \Phi_{24}^6\ \Phi_{12}^6\ \Phi_{6}^6$
60223	1080	1869	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1869}\ \Phi_{21}^2$
60224	1080	2310	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}$
60225	1080	476	$\frac{2}{119}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{39}{119}$	$\Phi_{476}^2\ \Phi_{238}^2\ \Phi_{119}^3\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{28}^2\ \Phi_{17}^3\ \Phi_{14}^2\ \Phi_{7}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
60226	1080	1079	$\frac{20}{1079}$	$\frac{242}{1079}$	$\frac{279}{1079}$	$\frac{353}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60227	1080	1444	$\frac{7}{361}$	$\frac{81}{361}$	$\frac{1}{4}$	$\frac{118}{361}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
60228	1080	979	$\frac{2}{89}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{29}{89}$	$\Phi_{979}\ \Phi_{89}^2\ \Phi_{11}^2\ \Phi_{1}^4$
60229	1080	1780	$\frac{2}{89}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{29}{89}$	$\Phi_{1780}\ \Phi_{890}\ \Phi_{20}^2\ \Phi_{10}^2$
60230	1080	83	$\frac{2}{83}$	$\frac{14}{83}$	$\frac{23}{83}$	$\frac{27}{83}$	$\Phi_{83}^{13}\ \Phi_{1}^{14}$
60231	1080	1355	$\frac{7}{271}$	$\frac{1}{5}$	$\frac{61}{271}$	$\frac{88}{271}$	Φ_{1355}
60232	1080	1079	$\frac{29}{1079}$	$\frac{209}{1079}$	$\frac{243}{1079}$	$\frac{350}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60233	1080	1444	$\frac{10}{361}$	$\frac{61}{361}$	$\frac{1}{4}$	$\frac{117}{361}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
60234	1080	497	$\frac{2}{71}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{23}{71}$	$\Phi_{497}^2\ \Phi_{71}^3\ \Phi_{7}^4\ \Phi_{1}^6$
60235	1080	852	$\frac{2}{71}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{23}{71}$	$\Phi_{852}^2\ \Phi_{426}\ \Phi_{284}\ \Phi_{213}\ \Phi_{71}\ \Phi_{12}^4\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
60236	1080	1079	$\frac{32}{1079}$	$\frac{146}{1079}$	$\frac{311}{1079}$	$\frac{349}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60237	1080	186	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{7}{31}$	$\frac{10}{31}$	$\Phi_{186}^7\ \Phi_{93}^7\ \Phi_{62}^7\ \Phi_{6}^6\ \Phi_{3}^6\ \Phi_{2}^6$
60238	1080	1003	$\frac{2}{59}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{19}{59}$	$\Phi_{1003}\ \Phi_{59}^2\ \Phi_{17}^2\ \Phi_{1}^4$
60239	1080	1652	$\frac{2}{59}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{19}{59}$	$\Phi_{1652}\ \Phi_{826}\ \Phi_{28}^2\ \Phi_{14}^2$
60240	1080	1079	$\frac{38}{1079}$	$\frac{122}{1079}$	$\frac{319}{1079}$	$\frac{347}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60241	1080	1079	$\frac{38}{1079}$	$\frac{167}{1079}$	$\frac{244}{1079}$	$\frac{347}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60242	1080	1444	$\frac{13}{361}$	$\frac{49}{361}$	$\frac{1}{4}$	$\frac{116}{361}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
60243	1080	1007	$\frac{2}{53}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{17}{53}$	$\Phi_{1007}\ \Phi_{53}^2\ \Phi_{19}^2\ \Phi_{1}^4$
60244	1080	1590	$\frac{2}{53}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{17}{53}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{530}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
60245	1080	1267	$\frac{7}{181}$	$\frac{1}{7}$	$\frac{41}{181}$	$\frac{58}{181}$	Φ_{1267}
60246	1080	1079	$\frac{47}{1079}$	$\frac{139}{1079}$	$\frac{245}{1079}$	$\frac{344}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60247	1080	1079	$\frac{47}{1079}$	$\frac{147}{1079}$	$\frac{233}{1079}$	$\frac{344}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60248	1080	1444	$\frac{16}{361}$	$\frac{41}{361}$	$\frac{1}{4}$	$\frac{115}{361}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
60249	1080	506	$\frac{1}{22}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{7}{22}$	$\Phi_{506}^2\ \Phi_{253}^2\ \Phi_{46}^2\ \Phi_{23}^3\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_{2}^4\ \Phi_{1}^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
60250	1080	396	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{7}{22}$	$\Phi_{396}^4\ \Phi_{198}^2\ \Phi_{132}^4\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{36}^5\ \Phi_{33}^2\ \Phi_{18}^3\ \Phi_{12}^5\ \Phi_{9}^2\ \Phi_{6}^3\ \Phi_{3}^2$
60251	1080	506	$\frac{1}{22}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{7}{22}$	$\Phi_{506}^2\ \Phi_{253}^2\ \Phi_{46}^2\ \Phi_{23}^3\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_{2}^4\ \Phi_{1}^6$
60252	1080	770	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{7}{22}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{70}^2\ \Phi_{35}^3$
60253	1080	1302	$\frac{10}{217}$	$\frac{1}{6}$	$\frac{37}{217}$	$\frac{69}{217}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
60254	1080	1079	$\frac{50}{1079}$	$\frac{92}{1079}$	$\frac{329}{1079}$	$\frac{343}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60255	1080	1079	$\frac{50}{1079}$	$\frac{179}{1079}$	$\frac{184}{1079}$	$\frac{343}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60256	1080	1355	$\frac{13}{271}$	$\frac{37}{271}$	$\frac{1}{5}$	$\frac{86}{271}$	Φ_{1355}
60257	1080	1224	$\frac{7}{136}$	$\frac{1}{9}$	$\frac{31}{136}$	$\frac{43}{136}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{72}\ \Phi_{51}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
60258	1080	1079	$\frac{56}{1079}$	$\frac{123}{1079}$	$\frac{239}{1079}$	$\frac{341}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60259	1080	532	$\frac{1}{19}$	$\frac{13}{133}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{532}^3\ \Phi_{266}^3\ \Phi_{76}\ \Phi_{38}\ \Phi_{28}^3\ \Phi_{14}^3$
60260	1080	1267	$\frac{10}{181}$	$\frac{1}{7}$	$\frac{31}{181}$	$\frac{57}{181}$	Φ_{1267}
60261	1080	1015	$\frac{2}{35}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{11}{35}$	$\Phi_{1015}\ \Phi_{203}\ \Phi_{145}\ \Phi_{35}^2\ \Phi_{29}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
60262	1080	1540	$\frac{2}{35}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{11}{35}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{110}\ \Phi_{44}^2\ \Phi_{22}^2$
60263	1080	1015	$\frac{2}{35}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{11}{35}$	$\Phi_{1015}\ \Phi_{203}\ \Phi_{145}\ \Phi_{35}^2\ \Phi_{29}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
60264	1080	210	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{11}{35}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^6\ \Phi_{42}^7\ \Phi_{30}^6\ \Phi_{21}^7\ \Phi_{15}^6\ \Phi_{14}^7\ \Phi_{10}^6\ \Phi_{6}^6\ \Phi_{3}^6\ \Phi_{2}^6$
60265	1080	1079	$\frac{62}{1079}$	$\frac{74}{1079}$	$\frac{335}{1079}$	$\frac{339}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60266	1080	1079	$\frac{62}{1079}$	$\frac{149}{1079}$	$\frac{185}{1079}$	$\frac{339}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60267	1080	1355	$\frac{16}{271}$	$\frac{31}{271}$	$\frac{1}{5}$	$\frac{85}{271}$	Φ_{1355}
60268	1080	83	$\frac{5}{83}$	$\frac{8}{83}$	$\frac{19}{83}$	$\frac{26}{83}$	$\Phi_{83}^{13}\ \Phi_{1}^{14}$
60269	1080	1444	$\frac{22}{361}$	$\frac{31}{361}$	$\frac{1}{4}$	$\frac{113}{361}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
60270	1080	1199	$\frac{7}{109}$	$\frac{1}{11}$	$\frac{25}{109}$	$\frac{34}{109}$	Φ_{1199}
60271	1080	1079	$\frac{74}{1079}$	$\frac{124}{1079}$	$\frac{191}{1079}$	$\frac{335}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60272	1080	1508	$\frac{2}{29}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{1508}\ \Phi_{754}\ \Phi_{52}^2\ \Phi_{26}^2$
60273	1080	1015	$\frac{2}{29}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{9}{29}$	$\Phi_{1015}\ \Phi_{203}\ \Phi_{145}\ \Phi_{35}^2\ \Phi_{29}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
60274	1080	290	$\frac{2}{29}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{29}$	$\Phi_{290}^4\ \Phi_{145}^3\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_{10}^8\ \Phi_{5}^6\ \Phi_{2}^8\ \Phi_{1}^8$
60275	1080	203	$\frac{2}{29}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{9}{29}$	$\Phi_{203}^5\ \Phi_{29}^6\ \Phi_{7}^{10}\ \Phi_{1}^{12}$
60276	1080	1079	$\frac{77}{1079}$	$\frac{149}{1079}$	$\frac{155}{1079}$	$\frac{334}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60277	1080	1267	$\frac{13}{181}$	$\frac{25}{181}$	$\frac{1}{7}$	$\frac{56}{181}$	Φ_{1267}
60278	1080	1302	$\frac{16}{217}$	$\frac{25}{217}$	$\frac{1}{6}$	$\frac{67}{217}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
60279	1080	13	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{13}^{83}\ \Phi_{1}^{84}$
60280	1080	715	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{715}^2\ \Phi_{55}^3$
60281	1080	39	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{4}{13}$	$\Phi_{39}^{27}\ \Phi_{13}^{29}\ \Phi_{3}^{27}\ \Phi_{1}^{30}$
60282	1080	234	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{13}$	$\Phi_{234}^6\ \Phi_{117}^4\ \Phi_{78}^4\ \Phi_{39}^2\ \Phi_{26}^4\ \Phi_{18}^9\ \Phi_{13}^4\ \Phi_{9}^6\ \Phi_{6}^6\ \Phi_{3}^3\ \Phi_{2}^6\ \Phi_{1}^6$
60283	1080	1444	$\frac{25}{361}$	$\frac{28}{361}$	$\frac{1}{4}$	$\frac{111}{361}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
60284	1080	1210	$\frac{10}{121}$	$\frac{1}{10}$	$\frac{21}{121}$	$\frac{37}{121}$	$\Phi_{1210}\ \Phi_{605}\ \Phi_{242}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
60285	1080	1079	$\frac{75}{1079}$	$\frac{92}{1079}$	$\frac{251}{1079}$	$\frac{329}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60286	1080	1079	$\frac{92}{1079}$	$\frac{125}{1079}$	$\frac{159}{1079}$	$\frac{329}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60287	1080	368	$\frac{1}{16}$	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{368}^3\ \Phi_{184}^3\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}^3\ \Phi_{16}^6\ \Phi_{8}^6\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
60288	1080	253	$\frac{2}{23}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{7}{23}$	$\Phi_{253}^4\ \Phi_{23}^5\ \Phi_{11}^8\ \Phi_{1}^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
60289	1080	690	$\frac{2}{23}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{7}{23}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{230}\ \Phi_{138}\ \Phi_{115}\ \Phi_{69}\ \Phi_{30}^4\ \Phi_{23}\ \Phi_{15}^4\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^2$
60290	1080	1267	$\frac{16}{181}$	$\frac{21}{181}$	$\frac{1}{7}$	$\frac{55}{181}$	Φ_{1267}
60291	1080	1079	$\frac{94}{1079}$	$\frac{98}{1079}$	$\frac{197}{1079}$	$\frac{327}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60292	1080	1079	$\frac{98}{1079}$	$\frac{99}{1079}$	$\frac{188}{1079}$	$\frac{327}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60293	1080	1199	$\frac{1}{11}$	$\frac{10}{109}$	$\frac{19}{109}$	$\frac{33}{109}$	Φ_{1199}
60294	1080	1355	$\frac{21}{271}$	$\frac{25}{271}$	$\frac{1}{5}$	$\frac{82}{271}$	Φ_{1355}
60295	1080	1079	$\frac{69}{1079}$	$\frac{101}{1079}$	$\frac{251}{1079}$	$\frac{326}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60296	1080	1444	$\frac{21}{361}$	$\frac{34}{361}$	$\frac{1}{4}$	$\frac{109}{361}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
60297	1080	1224	$\frac{13}{136}$	$\frac{1}{9}$	$\frac{19}{136}$	$\frac{41}{136}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{72}\ \Phi_{51}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
60298	1080	1168	$\frac{1}{16}$	$\frac{7}{73}$	$\frac{17}{73}$	$\frac{22}{73}$	$\Phi_{1168}\ \Phi_{584}\ \Phi_{292}\ \Phi_{146}$
60299	1080	1079	$\frac{107}{1079}$	$\frac{116}{1079}$	$\frac{151}{1079}$	$\frac{324}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60300	1080	1302	$\frac{19}{217}$	$\frac{22}{217}$	$\frac{1}{6}$	$\frac{65}{217}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
60301	1080	1079	$\frac{84}{1079}$	$\frac{110}{1079}$	$\frac{199}{1079}$	$\frac{323}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60302	1080	1079	$\frac{89}{1079}$	$\frac{110}{1079}$	$\frac{189}{1079}$	$\frac{323}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60303	1080	1355	$\frac{19}{271}$	$\frac{28}{271}$	$\frac{1}{5}$	$\frac{81}{271}$	Φ_{1355}
60304	1080	228	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{4}$	$\frac{17}{57}$	$\Phi_{228}^9\ \Phi_{114}^9\ \Phi_{76}\ \Phi_{38}\ \Phi_{12}^9\ \Phi_{6}^9$
60305	1080	1210	$\frac{1}{10}$	$\frac{13}{121}$	$\frac{17}{121}$	$\frac{36}{121}$	$\Phi_{1210}\ \Phi_{605}\ \Phi_{242}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
60306	1080	576	$\frac{7}{64}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{19}{64}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^3\ \Phi_{48}^2\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{9}^2\ \Phi_{6}^3\ \Phi_{3}^2$
60307	1080	1079	$\frac{103}{1079}$	$\frac{122}{1079}$	$\frac{152}{1079}$	$\frac{319}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60308	1080	1302	$\frac{17}{217}$	$\frac{25}{217}$	$\frac{1}{6}$	$\frac{64}{217}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
60309	1080	1428	$\frac{1}{21}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{238}\ \Phi_{204}\ \Phi_{102}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{6}^2$
60310	1080	1003	$\frac{3}{59}$	$\frac{2}{17}$	$\frac{14}{59}$	$\frac{5}{17}$	$\Phi_{1003}\ \Phi_{59}^2\ \Phi_{17}^2\ \Phi_{1}^4$
60311	1080	1360	$\frac{1}{16}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
60312	1080	1003	$\frac{4}{59}$	$\frac{2}{17}$	$\frac{11}{59}$	$\frac{5}{17}$	$\Phi_{1003}\ \Phi_{59}^2\ \Phi_{17}^2\ \Phi_{1}^4$
60313	1080	1326	$\frac{1}{13}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{442}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2$
60314	1080	1003	$\frac{5}{59}$	$\frac{2}{17}$	$\frac{9}{59}$	$\frac{5}{17}$	$\Phi_{1003}\ \Phi_{59}^2\ \Phi_{17}^2\ \Phi_{1}^4$
60315	1080	1309	$\frac{1}{11}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{5}{17}$	$\Phi_{1309}\ \Phi_{77}^2$
60316	1080	1079	$\frac{55}{1079}$	$\frac{128}{1079}$	$\frac{254}{1079}$	$\frac{317}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60317	1080	1444	$\frac{17}{361}$	$\frac{43}{361}$	$\frac{1}{4}$	$\frac{106}{361}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
60318	1080	1079	$\frac{51}{1079}$	$\frac{137}{1079}$	$\frac{257}{1079}$	$\frac{314}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60319	1080	1155	$\frac{1}{21}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}\ \Phi_{35}\ \Phi_{33}\ \Phi_{15}$
60320	1080	1079	$\frac{64}{1079}$	$\frac{146}{1079}$	$\frac{203}{1079}$	$\frac{311}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60321	1080	1168	$\frac{1}{16}$	$\frac{10}{73}$	$\frac{13}{73}$	$\frac{21}{73}$	$\Phi_{1168}\ \Phi_{584}\ \Phi_{292}\ \Phi_{146}$
60322	1080	1079	$\frac{77}{1079}$	$\frac{152}{1079}$	$\frac{167}{1079}$	$\frac{309}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60323	1080	700	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{140}^2\ \Phi_{100}^3\ \Phi_{70}^2\ \Phi_{50}^3\ \Phi_{20}^3\ \Phi_{10}^3$
60324	1080	497	$\frac{3}{71}$	$\frac{1}{7}$	$\frac{17}{71}$	$\frac{2}{7}$	$\Phi_{497}^2\ \Phi_{71}^3\ \Phi_{7}^4\ \Phi_{1}^6$
60325	1080	665	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{665}^2\ \Phi_{95}^3$
60326	1080	462	$\frac{5}{77}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{462}^3\ \Phi_{231}^3\ \Phi_{154}^3\ \Phi_{66}^3\ \Phi_{42}\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{21}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
60327	1080	497	$\frac{5}{71}$	$\frac{1}{7}$	$\frac{11}{71}$	$\frac{2}{7}$	$\Phi_{497}^2\ \Phi_{71}^3\ \Phi_{7}^4\ \Phi_{1}^6$
60328	1080	91	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{91}^{13}\ \Phi_{13}^{12}$
60329	1080	497	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{497}^2\ \Phi_{71}^3\ \Phi_{7}^4\ \Phi_{1}^6$
60330	1080	630	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^3\ \Phi_{45}^3\ \Phi_{42}^2\ \Phi_{30}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{6}^3$
60331	1080	1199	$\frac{1}{11}$	$\frac{13}{109}$	$\frac{16}{109}$	$\frac{31}{109}$	Φ_{1199}
60332	1080	1079	$\frac{43}{1079}$	$\frac{164}{1079}$	$\frac{259}{1079}$	$\frac{305}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60333	1080	1079	$\frac{95}{1079}$	$\frac{129}{1079}$	$\frac{164}{1079}$	$\frac{305}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60334	1080	1150	$\frac{1}{25}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{1150}\ \Phi_{575}\ \Phi_{230}\ \Phi_{115}\ \Phi_{50}\ \Phi_{10}$
60335	1080	1267	$\frac{13}{181}$	$\frac{1}{7}$	$\frac{28}{181}$	$\frac{51}{181}$	Φ_{1267}
60336	1080	1079	$\frac{77}{1079}$	$\frac{155}{1079}$	$\frac{167}{1079}$	$\frac{304}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60337	1080	1302	$\frac{13}{217}$	$\frac{34}{217}$	$\frac{1}{6}$	$\frac{61}{217}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
60338	1080	1079	$\frac{59}{1079}$	$\frac{170}{1079}$	$\frac{194}{1079}$	$\frac{303}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60339	1080	1355	$\frac{13}{271}$	$\frac{43}{271}$	$\frac{1}{5}$	$\frac{76}{271}$	Φ_{1355}
60340	1080	525	$\frac{1}{21}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}^3\ \Phi_{75}^2\ \Phi_{35}^3\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_{7}^2\ \Phi_{3}^2$
60341	1080	1079	$\frac{41}{1079}$	$\frac{173}{1079}$	$\frac{259}{1079}$	$\frac{302}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60342	1080	1444	$\frac{13}{361}$	$\frac{58}{361}$	$\frac{1}{4}$	$\frac{101}{361}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
60343	1080	1159	$\frac{1}{19}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	Φ_{1159}
60344	1080	83	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{14}{83}$	$\frac{23}{83}$	$\Phi_{83}^{13}\ \Phi_{1}^{14}$
60345	1080	91	$\frac{1}{13}$	$\frac{11}{91}$	$\frac{16}{91}$	$\frac{25}{91}$	$\Phi_{91}^{12}\ \Phi_{13}^{11}\ \Phi_{7}^{12}\ \Phi_{1}^{12}$
60346	1080	1079	$\frac{87}{1079}$	$\frac{124}{1079}$	$\frac{191}{1079}$	$\frac{296}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60347	1080	1079	$\frac{98}{1079}$	$\frac{109}{1079}$	$\frac{194}{1079}$	$\frac{295}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60348	1080	1364	$\frac{1}{31}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{1364}\ \Phi_{682}\ \Phi_{124}^2\ \Phi_{62}^2$
60349	1080	979	$\frac{4}{89}$	$\frac{2}{11}$	$\frac{17}{89}$	$\frac{3}{11}$	$\Phi_{979}\ \Phi_{89}^2\ \Phi_{11}^2\ \Phi_{1}^4$
60350	1080	1254	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2$
60351	1080	979	$\frac{5}{89}$	$\frac{14}{89}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{979}\ \Phi_{89}^2\ \Phi_{11}^2\ \Phi_{1}^4$
60352	1080	1232	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2$
60353	1080	979	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{979}\ \Phi_{89}^2\ \Phi_{11}^2\ \Phi_{1}^4$
60354	1080	110	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{110}^{11}\ \Phi_{55}^{11}\ \Phi_{22}^{11}\ \Phi_{10}^{10}\ \Phi_{5}^{10}\ \Phi_{2}^{10}$
60355	1080	1224	$\frac{11}{136}$	$\frac{1}{9}$	$\frac{25}{136}$	$\frac{37}{136}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{72}\ \Phi_{51}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
60356	1080	1079	$\frac{79}{1079}$	$\frac{131}{1079}$	$\frac{200}{1079}$	$\frac{293}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60357	1080	1267	$\frac{11}{181}$	$\frac{1}{7}$	$\frac{34}{181}$	$\frac{49}{181}$	Φ_{1267}
60358	1080	1147	$\frac{1}{31}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	Φ_{1147}
60359	1080	1079	$\frac{49}{1079}$	$\frac{197}{1079}$	$\frac{206}{1079}$	$\frac{291}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60360	1080	1355	$\frac{11}{271}$	$\frac{52}{271}$	$\frac{1}{5}$	$\frac{73}{271}$	Φ_{1355}
60361	1080	1079	$\frac{34}{1079}$	$\frac{209}{1079}$	$\frac{263}{1079}$	$\frac{290}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60362	1080	1444	$\frac{11}{361}$	$\frac{70}{361}$	$\frac{1}{4}$	$\frac{97}{361}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
60363	1080	1079	$\frac{44}{1079}$	$\frac{207}{1079}$	$\frac{218}{1079}$	$\frac{287}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60364	1080	1079	$\frac{53}{1079}$	$\frac{171}{1079}$	$\frac{227}{1079}$	$\frac{284}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60365	1080	1159	$\frac{1}{19}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	Φ_{1159}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
60366	1080	1168	$\frac{1}{16}$	$\frac{9}{73}$	$\frac{16}{73}$	$\frac{19}{73}$	$\Phi_{1168}\ \Phi_{584}\ \Phi_{292}\ \Phi_{146}$
60367	1080	1079	$\frac{80}{1079}$	$\frac{111}{1079}$	$\frac{242}{1079}$	$\frac{279}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60368	1080	1079	$\frac{89}{1079}$	$\frac{99}{1079}$	$\frac{245}{1079}$	$\frac{278}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60369	1080	1199	$\frac{9}{109}$	$\frac{1}{11}$	$\frac{25}{109}$	$\frac{28}{109}$	Φ_{1199}
60370	1080	1210	$\frac{9}{121}$	$\frac{1}{10}$	$\frac{28}{121}$	$\frac{31}{121}$	$\Phi_{1210}\ \Phi_{605}\ \Phi_{242}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
60371	1080	1079	$\frac{63}{1079}$	$\frac{134}{1079}$	$\frac{254}{1079}$	$\frac{275}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60372	1080	1267	$\frac{9}{181}$	$\frac{1}{7}$	$\frac{43}{181}$	$\frac{46}{181}$	Φ_{1267}
60373	1080	1079	$\frac{51}{1079}$	$\frac{161}{1079}$	$\frac{257}{1079}$	$\frac{274}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60374	1080	1302	$\frac{9}{217}$	$\frac{1}{6}$	$\frac{52}{217}$	$\frac{55}{217}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
60375	1080	1079	$\frac{27}{1079}$	$\frac{263}{1079}$	$\frac{269}{1079}$	$\frac{272}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^2$
60376	1080	1444	$\frac{9}{361}$	$\frac{88}{361}$	$\frac{1}{4}$	$\frac{91}{361}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
60377	1080	164	$\frac{1}{41}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{164}^7\ \Phi_{82}^7\ \Phi_{41}^6$
60378	1080	476	$\frac{3}{119}$	$\frac{29}{119}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{476}^2\ \Phi_{238}^2\ \Phi_{119}^3\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{28}^2\ \Phi_{17}^3\ \Phi_{14}^2\ \Phi_{7}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
60379	1080	620	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{620}^2\ \Phi_{310}^2\ \Phi_{155}^3$
60380	1080	476	$\frac{4}{119}$	$\frac{23}{119}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{476}^2\ \Phi_{238}^2\ \Phi_{119}^3\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{28}^2\ \Phi_{17}^3\ \Phi_{14}^2\ \Phi_{7}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
60381	1080	300	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{300}^4\ \Phi_{150}^5\ \Phi_{100}^2\ \Phi_{75}^5\ \Phi_{60}^4\ \Phi_{50}^3\ \Phi_{30}^5\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^5\ \Phi_{10}^3\ \Phi_{5}^2$
60382	1080	476	$\frac{5}{119}$	$\frac{19}{119}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{476}^2\ \Phi_{238}^2\ \Phi_{119}^3\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{28}^2\ \Phi_{17}^3\ \Phi_{14}^2\ \Phi_{7}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
60383	1080	84	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{84}^{12}\ \Phi_{42}^{12}\ \Phi_{28}^{10}\ \Phi_{21}^{18}\ \Phi_{14}^{10}\ \Phi_{12}^{12}\ \Phi_{7}^{15}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{18}\ \Phi_{2}^{12}\ \Phi_{1}^{18}$
60384	1080	68	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{68}^{14}\ \Phi_{34}^{14}\ \Phi_{17}^{21}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{24}$
60385	1080	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{144}^9\ \Phi_{72}^9\ \Phi_{48}^9\ \Phi_{36}^7\ \Phi_{24}^9\ \Phi_{18}^7\ \Phi_{12}^7\ \Phi_{9}^6\ \Phi_{6}^7\ \Phi_{3}^6$
60386	1080	476	$\frac{9}{119}$	$\frac{11}{119}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{476}^2\ \Phi_{238}^2\ \Phi_{119}^3\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{28}^2\ \Phi_{17}^3\ \Phi_{14}^2\ \Phi_{7}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
60387	1080	572	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{572}^2\ \Phi_{286}^2\ \Phi_{143}^3$
60388	1080	852	$\frac{3}{71}$	$\frac{1}{6}$	$\frac{17}{71}$	$\frac{1}{4}$	$\Phi_{852}^2\ \Phi_{426}\ \Phi_{284}\ \Phi_{213}\ \Phi_{71}\ \Phi_{12}^4\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
60389	1080	1444	$\frac{17}{361}$	$\frac{55}{361}$	$\frac{86}{361}$	$\frac{1}{4}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
60390	1080	1652	$\frac{3}{59}$	$\frac{1}{7}$	$\frac{14}{59}$	$\frac{1}{4}$	$\Phi_{1652}\ \Phi_{826}\ \Phi_{28}^2\ \Phi_{14}^2$
60391	1080	1444	$\frac{21}{361}$	$\frac{46}{361}$	$\frac{85}{361}$	$\frac{1}{4}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
60392	1080	1584	$\frac{3}{44}$	$\frac{1}{9}$	$\frac{41}{176}$	$\frac{1}{4}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
60393	1080	260	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{260}^6\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{52}^3\ \Phi_{20}^8\ \Phi_{13}^3\ \Phi_{10}^4\ \Phi_{5}^4\ \Phi_{4}^4\ \Phi_{1}^4$
60394	1080	1540	$\frac{3}{35}$	$\frac{1}{11}$	$\frac{8}{35}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{110}\ \Phi_{44}^2\ \Phi_{22}^2$
60395	1080	1444	$\frac{31}{361}$	$\frac{33}{361}$	$\frac{82}{361}$	$\frac{1}{4}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
60396	1080	1444	$\frac{28}{361}$	$\frac{37}{361}$	$\frac{81}{361}$	$\frac{1}{4}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
60397	1080	368	$\frac{1}{16}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{368}^3\ \Phi_{184}^3\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}^3\ \Phi_{16}^6\ \Phi_{8}^6\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
60398	1080	76	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{76}^{19}\ \Phi_{38}^{19}\ \Phi_{4}^{18}\ \Phi_{2}^{18}$
60399	1080	1444	$\frac{16}{361}$	$\frac{69}{361}$	$\frac{73}{361}$	$\frac{1}{4}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
60400	1080	1780	$\frac{4}{89}$	$\frac{17}{89}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1780}\ \Phi_{890}\ \Phi_{20}^2\ \Phi_{10}^2$
60401	1080	1140	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1140}^2\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{95}$
60402	1080	1780	$\frac{5}{89}$	$\frac{14}{89}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1780}\ \Phi_{890}\ \Phi_{20}^2\ \Phi_{10}^2$
60403	1080	560	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}^3$
60404	1080	1780	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1780}\ \Phi_{890}\ \Phi_{20}^2\ \Phi_{10}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
60405	1080	220	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{220}^{7}\ \Phi_{110}^{3}\ \Phi_{55}^{4}\ \Phi_{44}^{8}\ \Phi_{22}^{4}\ \Phi_{11}^{4}$
60406	1080	1652	$\frac{4}{59}$	$\frac{1}{7}$	$\frac{11}{59}$	$\frac{1}{4}$	$\Phi_{1652}\ \Phi_{826}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
60407	1080	1444	$\frac{26}{361}$	$\frac{49}{361}$	$\frac{67}{361}$	$\frac{1}{4}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
60408	1080	396	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{1}{4}$	$\Phi_{396}^{4}\ \Phi_{198}^{4}\ \Phi_{132}^{4}\ \Phi_{66}^{4}\ \Phi_{36}^{5}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{5}$
60409	1080	1444	$\frac{36}{361}$	$\frac{37}{361}$	$\frac{65}{361}$	$\frac{1}{4}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
60410	1080	780	$\frac{1}{10}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{4}$	$\Phi_{780}^{2}\ \Phi_{390}\ \Phi_{260}^{2}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{65}\ \Phi_{60}^{2}\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}\ \Phi_{20}^{4}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
60411	1080	1444	$\frac{33}{361}$	$\frac{41}{361}$	$\frac{64}{361}$	$\frac{1}{4}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
60412	1080	1508	$\frac{1}{13}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\Phi_{1508}\ \Phi_{754}\ \Phi_{52}^{2}\ \Phi_{26}^{2}$
60413	1080	1444	$\frac{25}{361}$	$\frac{56}{361}$	$\frac{61}{361}$	$\frac{1}{4}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
60414	1080	852	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{852}^{2}\ \Phi_{426}\ \Phi_{284}\ \Phi_{213}\ \Phi_{71}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
60415	1080	1092	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1092}^{2}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{91}$
60416	1080	852	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{852}^{2}\ \Phi_{426}\ \Phi_{284}\ \Phi_{213}\ \Phi_{71}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
60417	1080	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{180}^{10}\ \Phi_{90}^{5}\ \Phi_{60}^{6}\ \Phi_{45}^{5}\ \Phi_{36}^{5}\ \Phi_{30}^{3}\ \Phi_{20}^{8}\ \Phi_{18}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
60418	1080	1652	$\frac{5}{59}$	$\frac{1}{7}$	$\frac{9}{59}$	$\frac{1}{4}$	$\Phi_{1652}\ \Phi_{826}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
60419	1080	1444	$\frac{31}{361}$	$\frac{51}{361}$	$\frac{55}{361}$	$\frac{1}{4}$	$\Phi_{1444}\ \Phi_{722}\ \Phi_{76}\ \Phi_{38}$
60420	1080	308	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{308}^{5}\ \Phi_{154}^{5}\ \Phi_{44}^{6}\ \Phi_{22}^{6}$
60421	1080	52	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{5}{26}$	$\frac{3}{13}$	$\Phi_{52}^{24}\ \Phi_{26}^{16}\ \Phi_{13}^{19}\ \Phi_{4}^{24}\ \Phi_{2}^{16}\ \Phi_{1}^{20}$
60422	1080	65	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{65}$	$\frac{3}{13}$	$\Phi_{65}^{20}\ \Phi_{13}^{3}\ \Phi_{5}^{20}\ \Phi_{1}^{4}$
60423	1080	1015	$\frac{3}{35}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{8}{35}$	$\Phi_{1015}\ \Phi_{203}\ \Phi_{145}\ \Phi_{35}^{2}\ \Phi_{29}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
60424	1080	210	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{8}{35}$	$\Phi_{210}^{6}\ \Phi_{105}^{6}\ \Phi_{70}^{6}\ \Phi_{42}^{7}\ \Phi_{30}^{6}\ \Phi_{21}^{7}\ \Phi_{15}^{6}\ \Phi_{14}^{7}\ \Phi_{10}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}$
60425	1080	1079	$\frac{99}{1079}$	$\frac{139}{1079}$	$\frac{188}{1079}$	$\frac{245}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60426	1080	1267	$\frac{17}{181}$	$\frac{1}{7}$	$\frac{28}{181}$	$\frac{41}{181}$	Φ_{1267}
60427	1080	1079	$\frac{103}{1079}$	$\frac{152}{1079}$	$\frac{167}{1079}$	$\frac{244}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60428	1080	186	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{6}$	$\frac{7}{31}$	$\Phi_{186}^{7}\ \Phi_{93}^{7}\ \Phi_{62}^{7}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}$
60429	1080	288	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{7}{32}$	$\Phi_{288}^{4}\ \Phi_{144}^{4}\ \Phi_{96}^{4}\ \Phi_{72}^{5}\ \Phi_{48}^{4}\ \Phi_{36}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{4}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
60430	1080	253	$\frac{1}{11}$	$\frac{3}{23}$	$\frac{2}{11}$	$\frac{5}{23}$	$\Phi_{253}^{4}\ \Phi_{23}^{5}\ \Phi_{11}^{8}\ \Phi_{1}^{10}$
60431	1080	690	$\frac{1}{10}$	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{5}{23}$	$\Phi_{690}^{2}\ \Phi_{345}^{2}\ \Phi_{230}\ \Phi_{138}\ \Phi_{115}\ \Phi_{69}\ \Phi_{30}^{4}\ \Phi_{23}\ \Phi_{15}^{4}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
60432	1080	1079	$\frac{94}{1079}$	$\frac{147}{1079}$	$\frac{197}{1079}$	$\frac{233}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60433	1080	1210	$\frac{1}{10}$	$\frac{17}{121}$	$\frac{19}{121}$	$\frac{26}{121}$	$\Phi_{1210}\ \Phi_{605}\ \Phi_{242}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
60434	1080	728	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{728}^{2}\ \Phi_{364}^{2}\ \Phi_{104}^{2}\ \Phi_{91}\ \Phi_{52}^{2}$
60435	1080	1079	$\frac{101}{1079}$	$\frac{163}{1079}$	$\frac{170}{1079}$	$\frac{229}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60436	1080	1302	$\frac{19}{217}$	$\frac{33}{217}$	$\frac{1}{6}$	$\frac{46}{217}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
60437	1080	1007	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1007}\ \Phi_{53}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
60438	1080	1330	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{266}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{14}^{2}$
60439	1080	1079	$\frac{95}{1079}$	$\frac{164}{1079}$	$\frac{183}{1079}$	$\frac{224}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60440	1080	1210	$\frac{1}{10}$	$\frac{16}{121}$	$\frac{21}{121}$	$\frac{25}{121}$	$\Phi_{1210}\ \Phi_{605}\ \Phi_{242}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
60441	1080	306	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{34}$	$\Phi_{306}^{5}\ \Phi_{153}^{3}\ \Phi_{102}^{5}\ \Phi_{51}^{3}\ \Phi_{18}^{5}\ \Phi_{9}^{2}\ \Phi_{6}^{5}\ \Phi_{3}^{2}$
60442	1080	83	$\frac{8}{83}$	$\frac{11}{83}$	$\frac{15}{83}$	$\frac{17}{83}$	$\Phi_{83}^{13}\ \Phi_{1}^{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
60443	1080	1267	$\frac{16}{181}$	$\frac{1}{7}$	$\frac{33}{181}$	$\frac{37}{181}$	Φ_{1267}
60444	1080	385	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{1}{5}$	$\Phi_{385}^{4}\ \Phi_{35}^{5}$
60445	1080	1355	$\frac{26}{271}$	$\frac{37}{271}$	$\frac{49}{271}$	$\frac{1}{5}$	Φ_{1355}
60446	1080	290	$\frac{1}{10}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{5}$	$\Phi_{290}^{4}\ \Phi_{145}^{3}\ \Phi_{58}^{4}\ \Phi_{29}^{4}\ \Phi_{10}^{8}\ \Phi_{5}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
60447	1080	1355	$\frac{25}{271}$	$\frac{41}{271}$	$\frac{46}{271}$	$\frac{1}{5}$	Φ_{1355}
60448	1080	1590	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{530}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
60449	1080	210	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{210}^{7}\ \Phi_{105}^{7}\ \Phi_{70}^{3}\ \Phi_{42}^{8}\ \Phi_{35}^{4}\ \Phi_{21}^{8}\ \Phi_{14}^{4}\ \Phi_{7}^{4}$
60450	1080	203	$\frac{4}{29}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{5}{29}$	$\Phi_{203}^{5}\ \Phi_{29}^{6}\ \Phi_{7}^{10}\ \Phi_{1}^{12}$
60451	1080	1079	$\frac{149}{1079}$	$\frac{154}{1079}$	$\frac{155}{1079}$	$\frac{185}{1079}$	$\Phi_{1079}\ \Phi_{83}\ \Phi_{13}\ \Phi_{1}^{2}$
60452	1080	1470	$\frac{29}{245}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{35}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{294}\ \Phi_{147}\ \Phi_{98}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
60453	1080	1267	$\frac{25}{181}$	$\frac{1}{7}$	$\frac{26}{181}$	$\frac{31}{181}$	Φ_{1267}
60454	1080	42	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{42}^{31}\ \Phi_{21}^{31}\ \Phi_{14}^{31}\ \Phi_{6}^{30}\ \Phi_{3}^{30}\ \Phi_{2}^{30}$
60455	1081	1728	$\frac{1}{216}$	$\frac{217}{864}$	$\frac{647}{1728}$	$\frac{215}{432}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{432}\ \Phi_{192}\ \Phi_{144}\ \Phi_{64}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
60456	1081	1920	$\frac{1}{120}$	$\frac{121}{960}$	$\frac{839}{1920}$	$\frac{119}{240}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{240}\ \Phi_{128}\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
60457	1081	1440	$\frac{1}{120}$	$\frac{359}{1440}$	$\frac{121}{480}$	$\frac{119}{240}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
60458	1081	2144	$\frac{9}{1072}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1063}{2144}$	$\Phi_{2144}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
60459	1081	2016	$\frac{1}{72}$	$\frac{73}{1008}$	$\frac{935}{2016}$	$\frac{71}{144}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
60460	1081	1012	$\frac{1}{46}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{45}{92}$	$\Phi_{506}^{2}\ \Phi_{253}^{2}\ \Phi_{92}\ \Phi_{46}^{2}\ \Phi_{44}\ \Phi_{23}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
60461	1081	3036	$\frac{1}{46}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{45}{92}$	$\Phi_{3036}\ \Phi_{276}\ \Phi_{132}\ \Phi_{92}\ \Phi_{33}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
60462	1081	2112	$\frac{25}{1056}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{1031}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
60463	1081	2112	$\frac{25}{1056}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1031}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
60464	1081	2080	$\frac{1}{40}$	$\frac{41}{1040}$	$\frac{999}{2080}$	$\frac{39}{80}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{160}\ \Phi_{80}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
60465	1081	1240	$\frac{4}{155}$	$\frac{159}{1240}$	$\frac{1}{5}$	$\frac{151}{310}$	$\Phi_{1240}\ \Phi_{620}\ \Phi_{248}\ \Phi_{155}\ \Phi_{124}\ \Phi_{40}\ \Phi_{31}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
60466	1081	2100	$\frac{31}{1050}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1019}{2100}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
60467	1081	1140	$\frac{2}{57}$	$\frac{59}{1140}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{30}\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
60468	1081	1584	$\frac{1}{24}$	$\frac{25}{528}$	$\frac{503}{1584}$	$\frac{23}{48}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{144}\ \Phi_{99}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
60469	1081	1152	$\frac{1}{24}$	$\frac{71}{1152}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
60470	1081	360	$\frac{1}{24}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{3}\ \Phi_{90}^{2}\ \Phi_{72}^{3}\ \Phi_{60}^{3}\ \Phi_{45}^{3}\ \Phi_{40}^{3}\ \Phi_{36}^{3}\ \Phi_{30}^{2}\ \Phi_{24}^{5}\ \Phi_{20}^{3}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
60471	1081	90	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{43}{90}$	$\Phi_{90}^{8}\ \Phi_{45}^{15}\ \Phi_{30}^{10}\ \Phi_{18}^{8}\ \Phi_{15}^{16}\ \Phi_{10}^{10}\ \Phi_{9}^{15}\ \Phi_{6}^{10}\ \Phi_{5}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{10}\ \Phi_{1}^{17}$
60472	1081	3036	$\frac{1}{23}$	$\frac{1}{22}$	$\frac{22}{69}$	$\frac{21}{44}$	$\Phi_{3036}\ \Phi_{276}\ \Phi_{132}\ \Phi_{69}\ \Phi_{44}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
60473	1081	2052	$\frac{2}{57}$	$\frac{55}{1026}$	$\frac{1}{3}$	$\frac{971}{2052}$	$\Phi_{2052}\ \Phi_{684}\ \Phi_{228}\ \Phi_{108}\ \Phi_{76}\ \Phi_{57}\ \Phi_{36}\ \Phi_{19}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
60474	1081	2048	$\frac{57}{1024}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{967}{2048}$	$\Phi_{2048}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
60475	1081	192	$\frac{1}{24}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{192}^{8}\ \Phi_{64}^{7}\ \Phi_{48}^{8}\ \Phi_{24}^{7}\ \Phi_{16}^{7}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
60476	1081	264	$\frac{1}{24}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{264}^{4}\ \Phi_{132}^{4}\ \Phi_{88}^{3}\ \Phi_{66}^{4}\ \Phi_{44}^{4}\ \Phi_{33}^{4}\ \Phi_{24}^{7}\ \Phi_{22}^{4}\ \Phi_{12}^{7}\ \Phi_{11}^{4}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
60477	1081	1248	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{167}{1248}$	$\frac{145}{312}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{208}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
60478	1081	2016	$\frac{73}{1008}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{935}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
60479	1081	1188	$\frac{8}{99}$	$\frac{107}{1188}$	$\frac{1}{9}$	$\frac{91}{198}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{27}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
60480	1081	2000	$\frac{1}{20}$	$\frac{81}{1000}$	$\frac{19}{100}$	$\frac{919}{2000}$	$\Phi_{2000}\ \Phi_{400}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
60481	1081	1320	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{239}{1320}$	$\frac{201}{440}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{22}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
60482	1081	1980	$\frac{8}{99}$	$\frac{91}{990}$	$\frac{1}{9}$	$\frac{899}{1980}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{132}\ \Phi_{99}\ \Phi_{60}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{20}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
60483	1081	336	$\frac{1}{48}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}^3\ \Phi_{56}^5\ \Phi_{48}^5\ \Phi_{42}^2\ \Phi_{28}^3\ \Phi_{24}^5\ \Phi_{21}^3\ \Phi_{16}^5\ \Phi_{14}^2\ \Phi_{12}^5\ \Phi_8^5\ \Phi_7^3\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
60484	1081	1152	$\frac{71}{1152}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
60485	1081	1944	$\frac{1}{54}$	$\frac{109}{972}$	$\frac{53}{162}$	$\frac{863}{1944}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{216}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{24}\ \Phi_8\ \Phi_1$
60486	1081	1120	$\frac{39}{1120}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
60487	1081	168	$\frac{1}{24}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{168}^6\ \Phi_{84}^5\ \Phi_{56}^6\ \Phi_{42}^6\ \Phi_{28}^5\ \Phi_{24}^{11}\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{12}^{10}\ \Phi_8^{11}\ \Phi_7^6\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
60488	1081	96	$\frac{1}{48}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{96}^{16}\ \Phi_{48}^7\ \Phi_{32}^{15}\ \Phi_{24}^7\ \Phi_{16}^7\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
60489	1081	1920	$\frac{1}{40}$	$\frac{121}{960}$	$\frac{39}{160}$	$\frac{839}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
60490	1081	1176	$\frac{95}{1176}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{168}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{49}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
60491	1081	1904	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{129}{952}$	$\frac{823}{1904}$	$\Phi_{1904}\ \Phi_{272}\ \Phi_{136}\ \Phi_{112}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
60492	1081	1512	$\frac{1}{54}$	$\frac{53}{378}$	$\frac{431}{1512}$	$\frac{325}{756}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
60493	1081	240	$\frac{1}{48}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^7\ \Phi_{40}^3\ \Phi_{30}^4\ \Phi_{24}^7\ \Phi_{20}^4\ \Phi_{16}^7\ \Phi_{15}^4\ \Phi_{12}^7\ \Phi_{10}^4\ \Phi_8^6\ \Phi_6^7\ \Phi_5^4\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
60494	1081	1872	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{145}{936}$	$\frac{791}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
60495	1081	1860	$\frac{4}{155}$	$\frac{151}{930}$	$\frac{1}{5}$	$\frac{779}{1860}$	$\Phi_{1860}\ \Phi_{620}\ \Phi_{372}\ \Phi_{155}\ \Phi_{124}\ \Phi_{60}\ \Phi_{31}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
60496	1081	240	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{240}^8\ \Phi_{80}^7\ \Phi_{48}^8\ \Phi_{24}^7\ \Phi_{16}^7\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
60497	1081	1200	$\frac{1}{20}$	$\frac{119}{1200}$	$\frac{19}{100}$	$\frac{81}{200}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
60498	1081	1350	$\frac{1}{45}$	$\frac{44}{225}$	$\frac{269}{1350}$	$\frac{181}{450}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{270}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}\ \Phi_{54}\ \Phi_{27}\ \Phi_{25}\ \Phi_1$
60499	1081	1800	$\frac{1}{45}$	$\frac{44}{225}$	$\frac{181}{900}$	$\frac{719}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{120}\ \Phi_{75}\ \Phi_{72}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_8\ \Phi_1$
60500	1081	1760	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{201}{880}$	$\frac{679}{1760}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
60501	1081	1280	$\frac{1}{40}$	$\frac{199}{1280}$	$\frac{39}{160}$	$\frac{121}{320}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{256}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
60502	1081	1728	$\frac{1}{72}$	$\frac{71}{288}$	$\frac{217}{864}$	$\frac{647}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
60503	1081	144	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{144}^6\ \Phi_{72}^6\ \Phi_{48}^{11}\ \Phi_{36}^5\ \Phi_{24}^{11}\ \Phi_{18}^6\ \Phi_{16}^{11}\ \Phi_{12}^{10}\ \Phi_9^6\ \Phi_8^{11}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
60504	1081	1680	$\frac{1}{40}$	$\frac{39}{280}$	$\frac{241}{840}$	$\frac{599}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{48}\ \Phi_{35}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
60505	1081	72	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{72}^{11}\ \Phi_{36}^{12}\ \Phi_{24}^{22}\ \Phi_{18}^{12}\ \Phi_{12}^{22}\ \Phi_9^{12}\ \Phi_8^{22}\ \Phi_6^{22}\ \Phi_4^{22}\ \Phi_3^{22}\ \Phi_2^{22}\ \Phi_1^{23}$
60506	1081	1632	$\frac{7}{272}$	$\frac{1}{8}$	$\frac{265}{816}$	$\frac{551}{1632}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{96}\ \Phi_{68}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
60507	1081	1296	$\frac{1}{54}$	$\frac{215}{1296}$	$\frac{53}{162}$	$\frac{109}{324}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
60508	1081	1620	$\frac{1}{135}$	$\frac{134}{405}$	$\frac{539}{1620}$	$\frac{271}{810}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
60509	1081	1197	$\frac{2}{57}$	$\frac{116}{1197}$	$\frac{55}{171}$	$\frac{1}{3}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{133}\ \Phi_{63}\ \Phi_{57}\ \Phi_{21}\ \Phi_{19}\ \Phi_7\ \Phi_1$
60510	1081	1539	$\frac{2}{57}$	$\frac{55}{513}$	$\frac{458}{1539}$	$\frac{1}{3}$	$\Phi_{1539}\ \Phi_{81}\ \Phi_{57}\ \Phi_{19}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
60511	1081	216	$\frac{1}{24}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{216}^{6}\ \Phi_{108}^{6}\ \Phi_{72}^{3}\ \Phi_{54}^{5}\ \Phi_{36}^{3}\ \Phi_{27}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{2}\ \Phi_{12}^{5}\ \Phi_{9}^{3}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
60512	1081	120	$\frac{1}{24}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{120}^{9}\ \Phi_{60}^{8}\ \Phi_{40}^{9}\ \Phi_{30}^{8}\ \Phi_{24}^{11}\ \Phi_{20}^{8}\ \Phi_{15}^{9}\ \Phi_{12}^{10}\ \Phi_{10}^{8}\ \Phi_{8}^{11}\ \Phi_{6}^{10}\ \Phi_{5}^{9}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
60513	1081	1368	$\frac{2}{57}$	$\frac{55}{342}$	$\frac{287}{1368}$	$\frac{1}{3}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{76}\ \Phi_{72}\ \Phi_{57}\ \Phi_{36}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
60514	1081	1458	$\frac{1}{54}$	$\frac{109}{486}$	$\frac{377}{1458}$	$\frac{53}{162}$	$\Phi_{1458}\ \Phi_{729}\ \Phi_{162}\ \Phi_{81}\ \Phi_{1}$
60515	1081	1395	$\frac{4}{155}$	$\frac{1}{5}$	$\frac{314}{1395}$	$\frac{151}{465}$	$\Phi_{1395}\ \Phi_{279}\ \Phi_{155}\ \Phi_{45}\ \Phi_{31}\ \Phi_{9}\ \Phi_{1}$
60516	1081	759	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{22}{69}$	$\Phi_{759}\ \Phi_{253}^{2}\ \Phi_{69}^{2}\ \Phi_{33}^{2}\ \Phi_{23}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
60517	1081	1575	$\frac{31}{525}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{494}{1575}$	$\Phi_{1575}\ \Phi_{315}\ \Phi_{225}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
60518	1081	1404	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{323}{1404}$	$\frac{145}{468}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{156}\ \Phi_{108}\ \Phi_{78}\ \Phi_{54}\ \Phi_{52}\ \Phi_{39}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
60519	1081	1536	$\frac{7}{64}$	$\frac{57}{512}$	$\frac{1}{8}$	$\frac{455}{1536}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
60520	1081	1155	$\frac{74}{1155}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}\ \Phi_{33}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
60521	1081	1260	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{179}{1260}$	$\frac{73}{252}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
60522	1081	1512	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{504}$	$\frac{431}{1512}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
60523	1081	1500	$\frac{1}{20}$	$\frac{81}{500}$	$\frac{19}{100}$	$\frac{419}{1500}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{375}\ \Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
60524	1081	1485	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{495}$	$\frac{404}{1485}$	$\Phi_{1485}\ \Phi_{297}\ \Phi_{135}\ \Phi_{99}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_{1}$
60525	1081	1152	$\frac{71}{1152}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
60526	1081	1440	$\frac{1}{40}$	$\frac{39}{160}$	$\frac{359}{1440}$	$\frac{121}{480}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
60527	1081	60	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{7}{30}$	$\Phi_{60}^{23}\ \Phi_{30}^{10}\ \Phi_{20}^{23}\ \Phi_{15}^{16}\ \Phi_{12}^{23}\ \Phi_{10}^{10}\ \Phi_{6}^{10}\ \Phi_{5}^{16}\ \Phi_{4}^{23}\ \Phi_{3}^{16}\ \Phi_{2}^{10}\ \Phi_{1}^{17}$
60528	1081	1408	$\frac{25}{352}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{327}{1408}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
60529	1081	1400	$\frac{31}{350}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{319}{1400}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{280}\ \Phi_{200}\ \Phi_{140}\ \Phi_{100}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
60530	1081	1280	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{199}{1280}$	$\frac{57}{256}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
60531	1081	1344	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{263}{1344}$	$\frac{73}{336}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
60532	1081	1225	$\frac{4}{35}$	$\frac{144}{1225}$	$\frac{31}{175}$	$\frac{1}{5}$	$\Phi_{1225}\ \Phi_{245}\ \Phi_{49}\ \Phi_{35}\ \Phi_{7}\ \Phi_{1}$
60533	1081	1260	$\frac{4}{35}$	$\frac{179}{1260}$	$\frac{31}{210}$	$\frac{1}{5}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
60534	1082	1034	$\frac{1}{47}$	$\frac{24}{517}$	$\frac{493}{1034}$	$\frac{23}{47}$	$\Phi_{1034}^{2}\ \Phi_{94}^{2}\ \Phi_{47}\ \Phi_{22}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
60535	1082	1058	$\frac{12}{529}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{517}{1058}$	$\Phi_{1058}^{2}\ \Phi_{46}^{2}\ \Phi_{23}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
60536	1082	1035	$\frac{1}{23}$	$\frac{47}{1035}$	$\frac{22}{69}$	$\frac{494}{1035}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}\ \Phi_{115}\ \Phi_{69}^{2}\ \Phi_{45}\ \Phi_{23}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
60537	1082	736	$\frac{1}{23}$	$\frac{11}{184}$	$\frac{195}{736}$	$\frac{173}{368}$	$\Phi_{736}^{2}\ \Phi_{184}^{2}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{32}^{2}\ \Phi_{23}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
60538	1082	1012	$\frac{1}{23}$	$\frac{35}{506}$	$\frac{11}{46}$	$\frac{471}{1012}$	$\Phi_{1012}^{2}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{44}^{2}\ \Phi_{23}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
60539	1082	987	$\frac{1}{47}$	$\frac{95}{987}$	$\frac{46}{141}$	$\frac{446}{987}$	$\Phi_{987}\ \Phi_{329}\ \Phi_{141}^{2}\ \Phi_{47}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
60540	1082	966	$\frac{1}{23}$	$\frac{58}{483}$	$\frac{11}{69}$	$\frac{425}{966}$	$\Phi_{966}^{2}\ \Phi_{322}^{2}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{42}^{2}\ \Phi_{23}\ \Phi_{14}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
60541	1082	752	$\frac{1}{47}$	$\frac{23}{188}$	$\frac{211}{752}$	$\frac{165}{376}$	$\Phi_{752}^{2}\ \Phi_{188}^{2}\ \Phi_{94}^{2}\ \Phi_{47}\ \Phi_{16}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
60542	1082	940	$\frac{1}{47}$	$\frac{71}{470}$	$\frac{23}{94}$	$\frac{399}{940}$	$\Phi_{940}^{2}\ \Phi_{188}^{2}\ \Phi_{94}^{2}\ \Phi_{47}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
60543	1082	920	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{81}{460}$	$\frac{379}{920}$	$\Phi_{920}^{2}\ \Phi_{184}^{2}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{40}^{2}\ \Phi_{23}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
60544	1082	846	$\frac{1}{47}$	$\frac{23}{141}$	$\frac{118}{423}$	$\frac{305}{846}$	$\Phi_{846}^2\ \Phi_{282}^2\ \Phi_{141}^2\ \Phi_{94}^2\ \Phi_{47}\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
60545	1082	828	$\frac{1}{23}$	$\frac{11}{138}$	$\frac{127}{414}$	$\frac{287}{828}$	$\Phi_{828}^2\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{36}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
60546	1082	621	$\frac{1}{23}$	$\frac{80}{621}$	$\frac{47}{207}$	$\frac{22}{69}$	$\Phi_{621}^2\ \Phi_{207}\ \Phi_{69}^2\ \Phi_{27}^2\ \Phi_{23}\ \Phi_9\ \Phi_3^2\ \Phi_1^2$
60547	1082	690	$\frac{1}{23}$	$\frac{47}{345}$	$\frac{149}{690}$	$\frac{22}{69}$	$\Phi_{690}^2\ \Phi_{345}\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{115}\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{30}^2\ \Phi_{23}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
60548	1083	1008	$\frac{1}{56}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{55}{112}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{144}^2\ \Phi_{112}^3\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
60549	1083	336	$\frac{1}{56}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{55}{112}$	$\Phi_{336}^6\ \Phi_{112}^7\ \Phi_{48}^6\ \Phi_{21}\ \Phi_{16}^7\ \Phi_7\ \Phi_1$
60550	1083	3024	$\frac{1}{56}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{55}{112}$	$\Phi_{3024}\ \Phi_{432}\ \Phi_{112}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
60551	1083	336	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{55}{112}$	$\Phi_{336}^6\ \Phi_{112}^7\ \Phi_{48}^6\ \Phi_{24}\ \Phi_{16}^7\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
60552	1083	252	$\frac{1}{28}$	$\frac{1}{18}$	$\frac{9}{28}$	$\frac{17}{36}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{36}^5\ \Phi_{28}^6\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^6\ \Phi_{12}^5\ \Phi_9^4\ \Phi_7^6\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
60553	1083	180	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^6\ \Phi_{45}^6\ \Phi_{36}^5\ \Phi_{30}^6\ \Phi_{20}^9\ \Phi_{18}^4\ \Phi_{15}^6\ \Phi_{12}^5\ \Phi_{10}^9\ \Phi_9^4\ \Phi_6^4\ \Phi_5^9\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
60554	1083	1260	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{17}{36}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{36}\ \Phi_{35}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
60555	1083	252	$\frac{1}{18}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{17}{36}$	$\Phi_{252}^8\ \Phi_{84}^8\ \Phi_{36}^9\ \Phi_{28}^8\ \Phi_{21}^3\ \Phi_{12}^9\ \Phi_7^2\ \Phi_4^9\ \Phi_3^3\ \Phi_1^3$
60556	1083	576	$\frac{1}{18}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{17}{36}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{64}^3\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
60557	1083	928	$\frac{1}{58}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{928}^2\ \Phi_{116}^2\ \Phi_{58}\ \Phi_{32}\ \Phi_{29}\ \Phi_4\ \Phi_1$
60558	1083	696	$\frac{1}{58}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{696}^2\ \Phi_{348}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}^2\ \Phi_{58}\ \Phi_{29}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
60559	1083	870	$\frac{1}{58}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}^2\ \Phi_{174}\ \Phi_{145}^2\ \Phi_{87}\ \Phi_{58}\ \Phi_{29}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$
60560	1083	465	$\frac{2}{155}$	$\frac{104}{465}$	$\frac{51}{155}$	$\frac{1}{3}$	$\Phi_{465}^2\ \Phi_{155}^3\ \Phi_{93}^2\ \Phi_{31}^3\ \Phi_{15}^2\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
60561	1083	84	$\frac{1}{28}$	$\frac{2}{21}$	$\frac{9}{28}$	$\frac{1}{3}$	$\Phi_{84}^{12}\ \Phi_{42}^{12}\ \Phi_{28}^{14}\ \Phi_{21}^{13}\ \Phi_{14}^{14}\ \Phi_{12}^{12}\ \Phi_7^{15}\ \Phi_6^{12}\ \Phi_4^{14}\ \Phi_3^{12}\ \Phi_2^{14}\ \Phi_1^{15}$
60562	1083	420	$\frac{1}{20}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^2\ \Phi_{70}^3\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_7^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
60563	1083	210	$\frac{1}{14}$	$\frac{2}{21}$	$\frac{13}{70}$	$\frac{1}{3}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^7\ \Phi_{35}^7\ \Phi_{30}^6\ \Phi_{21}\ \Phi_{15}^6\ \Phi_{10}^7\ \Phi_7\ \Phi_5^7\ \Phi_1$
60564	1083	21	$\frac{2}{21}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{21}^{52}\ \Phi_7^{51}\ \Phi_3^{51}\ \Phi_1^{51}$
60565	1083	1344	$\frac{2}{21}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{32}\ \Phi_{21}\ \Phi_{16}\ \Phi_7\ \Phi_1$
60566	1083	756	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{9}{28}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{28}^2\ \Phi_{27}^3\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
60567	1083	168	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{9}{28}$	$\Phi_{168}^8\ \Phi_{84}^4\ \Phi_{56}^8\ \Phi_{42}^4\ \Phi_{28}^6\ \Phi_{24}^9\ \Phi_{21}^4\ \Phi_{14}^6\ \Phi_{12}^5\ \Phi_8^9\ \Phi_7^6\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
60568	1083	540	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{135}^3\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
60569	1083	1890	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{70}$	$\frac{8}{27}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{270}\ \Phi_{135}\ \Phi_{70}\ \Phi_{35}\ \Phi_{27}\ \Phi_{10}\ \Phi_5\ \Phi_1$
60570	1083	189	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{27}$	$\Phi_{189}^8\ \Phi_{27}^9\ \Phi_{21}^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
60571	1083	1728	$\frac{7}{64}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{27}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{64}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
60572	1083	120	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{120}^{12}\ \Phi_{60}^6\ \Phi_{40}^{12}\ \Phi_{30}^6\ \Phi_{24}^9\ \Phi_{20}^9\ \Phi_{15}^6\ \Phi_{12}^5\ \Phi_{10}^9\ \Phi_8^9\ \Phi_6^4\ \Phi_5^9\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
60573	1083	840	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{70}$	$\frac{5}{24}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
60574	1083	168	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{168}^8\ \Phi_{84}^8\ \Phi_{56}^8\ \Phi_{28}^8\ \Phi_{24}^9\ \Phi_{21}^3\ \Phi_{12}^9\ \Phi_8^9\ \Phi_7^2\ \Phi_4^9\ \Phi_3^3\ \Phi_1^3$
60575	1083	192	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{192}^6\ \Phi_{96}^6\ \Phi_{64}^7\ \Phi_{48}^6\ \Phi_{32}^7\ \Phi_{24}\ \Phi_{16}^7\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
60576	1084	540	$\frac{1}{270}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{269}{540}$	$\Phi_{540}^4\ \Phi_{180}^4\ \Phi_{108}^4\ \Phi_{60}^4\ \Phi_{36}^4\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
60577	1084	1086	$\frac{1}{181}$	$\frac{91}{362}$	$\frac{1}{3}$	$\frac{90}{181}$	$\Phi_{1086}^2\ \Phi_{543}\ \Phi_6^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
60578	1084	2680	$\frac{3}{268}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{265}{536}$	$\Phi_{2680}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
60579	1084	513	$\frac{1}{57}$	$\frac{29}{513}$	$\frac{242}{513}$	$\frac{28}{57}$	$\Phi_{513}^2\ \Phi_{171}^2\ \Phi_{57}^3\ \Phi_{27}^2\ \Phi_{19}^3\ \Phi_9^2\ \Phi_3^3\ \Phi_1^4$
60580	1084	342	$\frac{1}{57}$	$\frac{29}{171}$	$\frac{71}{342}$	$\frac{28}{57}$	$\Phi_{342}^4\ \Phi_{171}^2\ \Phi_{114}^4\ \Phi_{57}^3\ \Phi_{38}^4\ \Phi_{19}^3\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
60581	1084	532	$\frac{5}{266}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{261}{532}$	$\Phi_{532}^4\ \Phi_{76}^4\ \Phi_{28}^4\ \Phi_{19}\ \Phi_4^4\ \Phi_1^2$
60582	1084	532	$\frac{5}{266}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{261}{532}$	$\Phi_{532}^4\ \Phi_{76}^4\ \Phi_{28}^4\ \Phi_{19}\ \Phi_4^4\ \Phi_1^2$
60583	1084	2640	$\frac{7}{264}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{257}{528}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{240}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
60584	1084	399	$\frac{5}{133}$	$\frac{1}{19}$	$\frac{128}{399}$	$\frac{9}{19}$	$\Phi_{399}^4\ \Phi_{57}^4\ \Phi_{21}^4\ \Phi_{19}\ \Phi_3^4\ \Phi_1^2$
60585	1084	285	$\frac{14}{285}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{285}^4\ \Phi_{95}^4\ \Phi_{57}^4\ \Phi_{19}\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^4\ \Phi_1^2$
60586	1084	665	$\frac{1}{19}$	$\frac{10}{133}$	$\frac{123}{665}$	$\frac{9}{19}$	$\Phi_{665}^2\ \Phi_{95}^2\ \Phi_{35}^2\ \Phi_{19}\ \Phi_5^2\ \Phi_1^2$
60587	1084	304	$\frac{1}{19}$	$\frac{33}{304}$	$\frac{5}{38}$	$\frac{9}{19}$	$\Phi_{304}^4\ \Phi_{152}^4\ \Phi_{76}^4\ \Phi_{19}\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_1^2$
60588	1084	2560	$\frac{15}{256}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{241}{512}$	$\Phi_{2560}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
60589	1084	1440	$\frac{17}{288}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
60590	1084	510	$\frac{1}{17}$	$\frac{16}{255}$	$\frac{1}{5}$	$\frac{239}{510}$	$\Phi_{510}^4\ \Phi_{170}^4\ \Phi_{102}^4\ \Phi_{85}\ \Phi_{34}^4\ \Phi_{30}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
60591	1084	2380	$\frac{1}{34}$	$\frac{33}{238}$	$\frac{1}{5}$	$\frac{205}{476}$	$\Phi_{2380}\ \Phi_{340}\ \Phi_{170}\ \Phi_{140}\ \Phi_{85}\ \Phi_{20}\ \Phi_{10}$
60592	1084	456	$\frac{1}{57}$	$\frac{43}{228}$	$\frac{14}{57}$	$\frac{185}{456}$	$\Phi_{456}^4\ \Phi_{152}^4\ \Phi_{57}^3\ \Phi_{24}^4\ \Phi_{19}^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
60593	1084	342	$\frac{1}{57}$	$\frac{71}{342}$	$\frac{14}{57}$	$\frac{43}{114}$	$\Phi_{342}^4\ \Phi_{171}^4\ \Phi_{57}^3\ \Phi_{19}^3\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
60594	1084	855	$\frac{1}{57}$	$\frac{56}{285}$	$\frac{229}{855}$	$\frac{313}{855}$	$\Phi_{855}\ \Phi_{285}^2\ \Phi_{171}\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{45}\ \Phi_{19}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
60595	1084	2040	$\frac{1}{68}$	$\frac{1}{5}$	$\frac{67}{204}$	$\frac{137}{408}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{120}\ \Phi_{85}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
60596	1084	273	$\frac{2}{273}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{273}^4\ \Phi_{91}^4\ \Phi_{39}^4\ \Phi_{21}^4\ \Phi_{13}^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
60597	1084	405	$\frac{1}{135}$	$\frac{134}{405}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{405}^4\ \Phi_{81}^4\ \Phi_3\ \Phi_1^2$
60598	1084	360	$\frac{1}{90}$	$\frac{89}{360}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
60599	1084	549	$\frac{7}{549}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{549}^2\ \Phi_{183}^2\ \Phi_{61}^2\ \Phi_3\ \Phi_1^2$
60600	1084	825	$\frac{4}{275}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{825}\ \Phi_{275}^2\ \Phi_{165}\ \Phi_{75}\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{25}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
60601	1084	675	$\frac{2}{135}$	$\frac{133}{675}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_3\ \Phi_1^2$
60602	1084	276	$\frac{5}{276}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{276}^4\ \Phi_{138}^4\ \Phi_{92}^4\ \Phi_{69}^4\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
60603	1084	324	$\frac{1}{54}$	$\frac{53}{324}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{108}^4\ \Phi_{81}^4\ \Phi_{36}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
60604	1084	315	$\frac{1}{45}$	$\frac{44}{315}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
60605	1084	555	$\frac{13}{555}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{555}^2\ \Phi_{185}^2\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_3\ \Phi_1^2$
60606	1084	279	$\frac{8}{279}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{279}^4\ \Phi_{93}^4\ \Phi_{31}^4\ \Phi_3\ \Phi_1^2$
60607	1084	840	$\frac{9}{280}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
60608	1084	300	$\frac{1}{30}$	$\frac{29}{300}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^4\ \Phi_{60}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
60609	1084	297	$\frac{1}{27}$	$\frac{26}{297}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{297}^4\ \Phi_{99}^4\ \Phi_{33}^4\ \Phi_{11}^4\ \Phi_3\ \Phi_1^2$
60610	1084	567	$\frac{25}{567}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{567}^2\ \Phi_{189}^2\ \Phi_{81}^2\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
60611	1084	585	$\frac{2}{45}$	$\frac{43}{585}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{117}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
60612	1084	285	$\frac{14}{285}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{285}^4\ \Phi_{95}^4\ \Phi_{57}^4\ \Phi_{19}^4\ \Phi_3\ \Phi_1^2$
60613	1084	288	$\frac{1}{18}$	$\frac{17}{288}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{288}^4\ \Phi_{144}^4\ \Phi_{96}^4\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{32}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
60614	1084	399	$\frac{5}{133}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{128}{399}$	$\Phi_{399}^4\ \Phi_{57}^4\ \Phi_{21}^4\ \Phi_{19}\ \Phi_3^4\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
60615	1084	1530	$\frac{1}{17}$	$\frac{35}{306}$	$\frac{1}{5}$	$\frac{16}{51}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{170}\ \Phi_{90}\ \Phi_{85}\ \Phi_{45}\ \Phi_{30}\ \Phi_{10}$
60616	1084	1920	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{5}$	$\frac{113}{384}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
60617	1084	1440	$\frac{17}{288}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
60618	1084	285	$\frac{14}{285}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{285}^4\ \Phi_{95}^4\ \Phi_{57}^4\ \Phi_{19}\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^4\ \Phi_1^2$
60619	1084	320	$\frac{1}{16}$	$\frac{49}{320}$	$\frac{1}{5}$	$\frac{15}{64}$	$\Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^4\ \Phi_{64}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
60620	1084	1760	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{81}{352}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
60621	1084	304	$\frac{33}{304}$	$\frac{5}{38}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{304}^4\ \Phi_{152}^4\ \Phi_{76}^4\ \Phi_{19}\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_1^2$
60622	1084	340	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{1}{5}$	$\frac{69}{340}$	$\Phi_{340}^4\ \Phi_{170}^4\ \Phi_{85}\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_4^4\ \Phi_2^4$
60623	1085	432	$\frac{1}{216}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{215}{432}$	$\Phi_{432}^5\ \Phi_{144}^5\ \Phi_{48}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
60624	1085	924	$\frac{1}{154}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{153}{308}$	$\Phi_{462}^2\ \Phi_{308}\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{28}\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
60625	1085	2772	$\frac{1}{154}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{153}{308}$	$\Phi_{2772}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{44}\ \Phi_{36}\ \Phi_{28}\ \Phi_9\ \Phi_4\ \Phi_1$
60626	1085	2144	$\frac{13}{1072}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1059}{2144}$	$\Phi_{2144}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
60627	1085	1224	$\frac{2}{153}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{151}{306}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{204}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
60628	1085	208	$\frac{1}{52}$	$\frac{1}{8}$	$\frac{53}{208}$	$\frac{51}{104}$	$\Phi_{208}^7\ \Phi_{104}^4\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{16}^7\ \Phi_{13}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
60629	1085	304	$\frac{3}{152}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{149}{304}$	$\Phi_{304}^7\ \Phi_{16}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
60630	1085	2112	$\frac{29}{1056}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1027}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
60631	1085	1020	$\frac{1}{34}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{33}{68}$	$\Phi_{510}^2\ \Phi_{255}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
60632	1085	2244	$\frac{1}{34}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{2244}\ \Phi_{748}\ \Phi_{132}\ \Phi_{68}\ \Phi_{44}\ \Phi_{33}\ \Phi_{11}\ \Phi_4\ \Phi_1$
60633	1085	3060	$\frac{1}{34}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{33}{68}$	$\Phi_{3060}\ \Phi_{612}\ \Phi_{180}\ \Phi_{68}\ \Phi_{45}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
60634	1085	68	$\frac{1}{34}$	$\frac{3}{34}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{68}^{11}\ \Phi_{34}^{21}\ \Phi_{17}^{21}\ \Phi_4^{10}\ \Phi_2^{20}\ \Phi_1^{21}$
60635	1085	680	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{33}{68}$	$\Phi_{680}^2\ \Phi_{170}^2\ \Phi_{136}^2\ \Phi_{85}^2\ \Phi_{68}\ \Phi_{40}^3\ \Phi_{34}^2\ \Phi_{20}\ \Phi_{17}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
60636	1085	2380	$\frac{1}{34}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{33}{68}$	$\Phi_{2380}\ \Phi_{476}\ \Phi_{140}\ \Phi_{68}\ \Phi_{35}\ \Phi_{28}\ \Phi_7\ \Phi_4\ \Phi_1$
60637	1085	612	$\frac{1}{34}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{33}{68}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{36}^3\ \Phi_{34}^2\ \Phi_{18}^3\ \Phi_{17}^2\ \Phi_{12}\ \Phi_9^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
60638	1085	1020	$\frac{1}{30}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{29}{60}$	$\Phi_{1020}^2\ \Phi_{340}^2\ \Phi_{204}^2\ \Phi_{68}^2\ \Phi_{60}^3\ \Phi_{51}\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
60639	1085	1020	$\frac{1}{30}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{29}{60}$	$\Phi_{1020}^2\ \Phi_{340}^2\ \Phi_{204}^2\ \Phi_{68}^2\ \Phi_{60}^3\ \Phi_{20}^3\ \Phi_{17}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
60640	1085	120	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{29}{60}$	$\Phi_{120}^{10}\ \Phi_{60}^5\ \Phi_{40}^{10}\ \Phi_{30}^{10}\ \Phi_{24}^{12}\ \Phi_{20}^5\ \Phi_{15}^{10}\ \Phi_{12}^7\ \Phi_{10}^{10}\ \Phi_8^{11}\ \Phi_6^{11}\ \Phi_5^{10}\ \Phi_4^6\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
60641	1085	1152	$\frac{3}{64}$	$\frac{67}{1152}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
60642	1085	2048	$\frac{3}{64}$	$\frac{61}{1024}$	$\frac{1}{4}$	$\frac{963}{2048}$	$\Phi_{2048}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
60643	1085	1056	$\frac{1}{32}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}^2\ \Phi_{88}\ \Phi_{48}^2\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
60644	1085	408	$\frac{3}{68}$	$\frac{13}{204}$	$\frac{1}{4}$	$\frac{191}{408}$	$\Phi_{408}^5\ \Phi_{136}^5\ \Phi_{68}\ \Phi_{34}\ \Phi_{24}^5\ \Phi_{17}\ \Phi_8^5\ \Phi_1$
60645	1085	288	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{133}{288}$	$\Phi_{288}^7\ \Phi_{96}^7\ \Phi_{32}^7\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
60646	1085	96	$\frac{1}{32}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{96}^{12}\ \Phi_{48}^{11}\ \Phi_{32}^{11}\ \Phi_{24}^{12}\ \Phi_{16}^{10}\ \Phi_{12}^{11}\ \Phi_8^{11}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
60647	1085	168	$\frac{13}{168}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{168}^7\ \Phi_{84}^7\ \Phi_{56}^7\ \Phi_{42}^7\ \Phi_{28}^7\ \Phi_{24}^4\ \Phi_{21}^7\ \Phi_{14}^7\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^7\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
60648	1085	1144	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{8}$	$\frac{131}{286}$	$\Phi_{1144}\ \Phi_{572}\ \Phi_{143}\ \Phi_{104}^2\ \Phi_{88}\ \Phi_{52}^2\ \Phi_{44}\ \Phi_{26}\ \Phi_{13}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
60649	1085	64	$\frac{1}{32}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{64}^{31}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
60650	1085	504	$\frac{1}{36}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{504}^{4}\ \Phi_{168}^{4}\ \Phi_{72}^{4}\ \Phi_{56}^{3}\ \Phi_{36}^{3}\ \Phi_{24}^{4}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
60651	1085	225	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{225}^{5}\ \Phi_{75}^{5}\ \Phi_{45}^{4}\ \Phi_{25}^{5}\ \Phi_{15}^{4}\ \Phi_{9}^{5}\ \Phi_{5}^{3}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
60652	1085	272	$\frac{3}{136}$	$\frac{19}{136}$	$\frac{1}{4}$	$\frac{117}{272}$	$\Phi_{272}^{7}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}^{7}\ \Phi_{8}\ \Phi_{1}$
60653	1085	924	$\frac{1}{77}$	$\frac{1}{6}$	$\frac{76}{231}$	$\frac{5}{12}$	$\Phi_{924}^{2}\ \Phi_{308}^{2}\ \Phi_{231}\ \Phi_{132}^{2}\ \Phi_{84}^{2}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
60654	1085	924	$\frac{2}{77}$	$\frac{1}{6}$	$\frac{15}{77}$	$\frac{5}{12}$	$\Phi_{924}^{2}\ \Phi_{308}^{2}\ \Phi_{132}^{2}\ \Phi_{84}^{2}\ \Phi_{77}^{2}\ \Phi_{44}^{2}\ \Phi_{28}^{2}\ \Phi_{12}^{3}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
60655	1085	96	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{96}^{12}\ \Phi_{48}^{12}\ \Phi_{32}^{11}\ \Phi_{24}^{12}\ \Phi_{16}^{11}\ \Phi_{12}^{7}\ \Phi_{8}^{11}\ \Phi_{6}^{11}\ \Phi_{4}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
60656	1085	1932	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{276}\ \Phi_{161}\ \Phi_{92}\ \Phi_{23}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
60657	1085	528	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{528}^{2}\ \Phi_{264}^{2}\ \Phi_{176}^{3}\ \Phi_{88}^{3}\ \Phi_{66}^{2}\ \Phi_{48}^{2}\ \Phi_{44}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{16}^{3}\ \Phi_{12}\ \Phi_{11}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
60658	1085	132	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{132}^{14}\ \Phi_{44}^{14}\ \Phi_{33}^{5}\ \Phi_{12}^{15}\ \Phi_{11}^{4}\ \Phi_{4}^{15}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
60659	1085	168	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{168}^{7}\ \Phi_{84}^{5}\ \Phi_{56}^{7}\ \Phi_{42}^{7}\ \Phi_{28}^{5}\ \Phi_{24}^{7}\ \Phi_{21}^{7}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{8}^{7}\ \Phi_{7}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
60660	1085	104	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{5}{26}$	$\frac{21}{52}$	$\Phi_{104}^{12}\ \Phi_{52}^{7}\ \Phi_{26}^{11}\ \Phi_{13}^{11}\ \Phi_{8}^{11}\ \Phi_{4}^{6}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
60661	1085	1752	$\frac{2}{219}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1752}\ \Phi_{584}\ \Phi_{219}\ \Phi_{73}\ \Phi_{8}\ \Phi_{1}$
60662	1085	648	$\frac{1}{108}$	$\frac{1}{4}$	$\frac{107}{324}$	$\frac{3}{8}$	$\Phi_{648}^{4}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{8}\ \Phi_{1}$
60663	1085	440	$\frac{3}{220}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^{4}\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}^{4}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}^{4}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
60664	1085	288	$\frac{1}{72}$	$\frac{71}{288}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{288}^{5}\ \Phi_{144}^{5}\ \Phi_{96}^{5}\ \Phi_{48}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{5}\ \Phi_{8}\ \Phi_{1}$
60665	1085	1104	$\frac{19}{1104}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{48}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
60666	1085	1080	$\frac{1}{54}$	$\frac{53}{270}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1080}^{2}\ \Phi_{360}^{2}\ \Phi_{270}\ \Phi_{135}\ \Phi_{120}^{2}\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
60667	1085	888	$\frac{5}{222}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{888}^{2}\ \Phi_{296}^{2}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{8}\ \Phi_{1}$
60668	1085	1296	$\frac{5}{216}$	$\frac{211}{1296}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{48}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
60669	1085	72	$\frac{1}{36}$	$\frac{5}{36}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^{24}\ \Phi_{36}^{6}\ \Phi_{24}^{24}\ \Phi_{18}^{6}\ \Phi_{12}^{6}\ \Phi_{9}^{6}\ \Phi_{8}^{25}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
60670	1085	32	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{32}^{35}\ \Phi_{16}^{35}\ \Phi_{8}^{31}\ \Phi_{4}^{30}\ \Phi_{2}^{30}\ \Phi_{1}^{31}$
60671	1085	1800	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{120}\ \Phi_{75}\ \Phi_{45}\ \Phi_{40}\ \Phi_{25}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
60672	1085	1944	$\frac{1}{27}$	$\frac{26}{243}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{243}\ \Phi_{81}\ \Phi_{8}\ \Phi_{1}$
60673	1085	240	$\frac{1}{24}$	$\frac{23}{240}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{240}^{5}\ \Phi_{120}^{5}\ \Phi_{80}^{5}\ \Phi_{60}^{5}\ \Phi_{48}^{5}\ \Phi_{40}^{5}\ \Phi_{30}^{5}\ \Phi_{20}^{5}\ \Phi_{16}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{8}\ \Phi_{5}^{5}\ \Phi_{1}$
60674	1085	456	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{456}^{4}\ \Phi_{228}\ \Phi_{152}^{4}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
60675	1085	936	$\frac{1}{18}$	$\frac{17}{234}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{936}^{2}\ \Phi_{312}^{2}\ \Phi_{234}\ \Phi_{117}\ \Phi_{104}^{2}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
60676	1085	1152	$\frac{67}{1152}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
60677	1085	144	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{144}^{12}\ \Phi_{72}^{4}\ \Phi_{48}^{11}\ \Phi_{36}^{3}\ \Phi_{24}^{4}\ \Phi_{18}^{3}\ \Phi_{16}^{11}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
60678	1085	864	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{864}\ \Phi_{432}\ \Phi_{288}^{2}\ \Phi_{216}\ \Phi_{144}^{2}\ \Phi_{108}\ \Phi_{96}^{2}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}^{2}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
60679	1085	936	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{38}{117}$	$\frac{79}{234}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}^{2}\ \Phi_{156}^{2}\ \Phi_{117}\ \Phi_{104}^{2}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{24}^{2}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
60680	1085	1632	$\frac{3}{272}$	$\frac{1}{4}$	$\frac{269}{816}$	$\frac{547}{1632}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{96}\ \Phi_{68}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
60681	1085	693	$\frac{1}{77}$	$\frac{2}{9}$	$\frac{76}{231}$	$\frac{1}{3}$	$\Phi_{693}^{2}\ \Phi_{231}\ \Phi_{99}^{2}\ \Phi_{63}^{2}\ \Phi_{33}\ \Phi_{21}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$
60682	1085	561	$\frac{1}{17}$	$\frac{2}{33}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{561}^{2}\ \Phi_{187}^{2}\ \Phi_{51}\ \Phi_{33}^{3}\ \Phi_{11}^{3}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
60683	1085	408	$\frac{2}{51}$	$\frac{1}{8}$	$\frac{49}{204}$	$\frac{1}{3}$	$\Phi_{408}^{3}\ \Phi_{204}^{2}\ \Phi_{136}^{3}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{51}^{3}\ \Phi_{34}^{2}\ \Phi_{24}^{4}\ \Phi_{17}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
60684	1085	693	$\frac{2}{77}$	$\frac{15}{77}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{693}^{2}\ \Phi_{99}^{2}\ \Phi_{77}^{2}\ \Phi_{63}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
60685	1085	288	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{288}^{5}\ \Phi_{144}^{5}\ \Phi_{96}^{2}\ \Phi_{72}^{5}\ \Phi_{48}^{2}\ \Phi_{36}^{5}\ \Phi_{32}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
60686	1085	1449	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1449}\ \Phi_{207}\ \Phi_{161}\ \Phi_{23}\ \Phi_{9}\ \Phi_{1}$
60687	1085	648	$\frac{7}{162}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{648}^{2}\ \Phi_{324}^{2}\ \Phi_{216}^{2}\ \Phi_{162}\ \Phi_{108}^{2}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
60688	1085	1584	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{176}\ \Phi_{144}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
60689	1085	99	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{99}^{14}\ \Phi_{33}^{5}\ \Phi_{11}^{4}\ \Phi_{9}^{15}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
60690	1085	504	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{504}^{3}\ \Phi_{252}^{3}\ \Phi_{168}\ \Phi_{126}^{2}\ \Phi_{84}\ \Phi_{72}^{3}\ \Phi_{63}^{2}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}^{3}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{9}^{3}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
60691	1085	561	$\frac{2}{33}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{561}^{2}\ \Phi_{187}^{2}\ \Phi_{33}^{3}\ \Phi_{17}^{2}\ \Phi_{11}^{3}\ \Phi_{1}^{3}$
60692	1085	264	$\frac{2}{33}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{264}^{5}\ \Phi_{132}^{5}\ \Phi_{88}^{5}\ \Phi_{66}^{2}\ \Phi_{44}^{5}\ \Phi_{33}^{3}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{3}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
60693	1085	456	$\frac{3}{76}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{73}{228}$	$\Phi_{456}^{4}\ \Phi_{228}^{3}\ \Phi_{114}^{3}\ \Phi_{57}^{3}\ \Phi_{24}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
60694	1085	1224	$\frac{3}{68}$	$\frac{139}{1224}$	$\frac{1}{4}$	$\frac{65}{204}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{36}\ \Phi_{34}\ \Phi_{24}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
60695	1085	765	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{16}{51}$	$\Phi_{765}^{2}\ \Phi_{153}^{2}\ \Phi_{51}\ \Phi_{45}^{3}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$
60696	1085	2040	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{16}{51}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{408}\ \Phi_{204}\ \Phi_{120}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
60697	1085	1785	$\frac{1}{17}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{16}{51}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{105}\ \Phi_{51}\ \Phi_{35}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
60698	1085	612	$\frac{1}{17}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{16}{51}$	$\Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{204}^{2}\ \Phi_{153}^{2}\ \Phi_{68}^{2}\ \Phi_{51}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
60699	1085	765	$\frac{1}{15}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{14}{45}$	$\Phi_{765}^{2}\ \Phi_{153}^{2}\ \Phi_{45}^{3}\ \Phi_{17}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
60700	1085	360	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{14}{45}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{90}^{2}\ \Phi_{72}^{5}\ \Phi_{45}^{3}\ \Phi_{36}^{5}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
60701	1085	72	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{5}{36}$	$\frac{11}{36}$	$\Phi_{72}^{16}\ \Phi_{36}^{12}\ \Phi_{24}^{20}\ \Phi_{18}^{12}\ \Phi_{12}^{15}\ \Phi_{9}^{12}\ \Phi_{8}^{19}\ \Phi_{6}^{15}\ \Phi_{4}^{14}\ \Phi_{3}^{15}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
60702	1085	1152	$\frac{67}{1152}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
60703	1085	1536	$\frac{3}{64}$	$\frac{61}{512}$	$\frac{1}{4}$	$\frac{451}{1536}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
60704	1085	216	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{72}$	$\frac{61}{216}$	$\Phi_{216}^{7}\ \Phi_{108}^{7}\ \Phi_{54}^{7}\ \Phi_{27}^{7}\ \Phi_{24}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
60705	1085	96	$\frac{1}{32}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{96}^{16}\ \Phi_{48}^{15}\ \Phi_{32}^{3}\ \Phi_{24}^{15}\ \Phi_{16}^{3}\ \Phi_{12}^{15}\ \Phi_{8}^{3}\ \Phi_{6}^{15}\ \Phi_{4}^{2}\ \Phi_{3}^{15}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
60706	1085	256	$\frac{3}{64}$	$\frac{39}{256}$	$\frac{61}{256}$	$\frac{1}{4}$	$\Phi_{256}^{4}\ \Phi_{128}^{4}\ \Phi_{64}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{5}\ \Phi_{8}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
60707	1085	1408	$\frac{29}{352}$	$\frac{3}{32}$	$\frac{323}{1408}$	$\frac{1}{4}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
60708	1085	272	$\frac{3}{68}$	$\frac{13}{68}$	$\frac{55}{272}$	$\frac{1}{4}$	$\Phi_{272}^{5}\ \Phi_{136}^{5}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}^{5}\ \Phi_{8}^{5}\ \Phi_{1}$
60709	1085	192	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{37}{192}$	$\frac{11}{48}$	$\Phi_{192}^{7}\ \Phi_{96}^{7}\ \Phi_{64}^{7}\ \Phi_{32}^{7}\ \Phi_{24}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
60710	1085	680	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{9}{40}$	$\Phi_{680}^{2}\ \Phi_{340}^{2}\ \Phi_{136}^{2}\ \Phi_{68}^{2}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{17}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
60711	1085	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{9}{40}$	$\Phi_{120}^{10}\ \Phi_{60}^{10}\ \Phi_{40}^{5}\ \Phi_{30}^{12}\ \Phi_{24}^{12}\ \Phi_{20}^{5}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_{10}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{13}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{13}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
60712	1085	595	$\frac{4}{35}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{5}$	$\Phi_{595}^{2}\ \Phi_{119}^{2}\ \Phi_{35}^{3}\ \Phi_{17}^{2}\ \Phi_{7}^{3}\ \Phi_{1}^{3}$
60713	1085	840	$\frac{4}{35}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}^{2}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
60714	1085	612	$\frac{2}{17}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{3}{17}$	$\Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{204}^{2}\ \Phi_{153}^{2}\ \Phi_{68}^{2}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{17}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
60715	1085	72	$\frac{1}{8}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{72}^{20}\ \Phi_{36}^{15}\ \Phi_{24}^{12}\ \Phi_{18}^{15}\ \Phi_{12}^{7}\ \Phi_{9}^{15}\ \Phi_{8}^{11}\ \Phi_{6}^{11}\ \Phi_{4}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
60716	1086	868	$\frac{1}{217}$	$\frac{109}{434}$	$\frac{325}{868}$	$\frac{108}{217}$	$\Phi_{868}^{2}\ \Phi_{217}\ \Phi_{124}^{2}\ \Phi_{31}\ \Phi_{28}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
60717	1086	360	$\frac{1}{180}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{179}{360}$	$\Phi_{360}^6\ \Phi_{120}^6\ \Phi_{72}^6\ \Phi_{40}^6\ \Phi_{24}^6\ \Phi_8^6\ \Phi_5\ \Phi_1^2$
60718	1086	360	$\frac{1}{180}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{179}{360}$	$\Phi_{360}^6\ \Phi_{120}^6\ \Phi_{72}^6\ \Phi_{40}^6\ \Phi_{24}^6\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
60719	1086	310	$\frac{1}{155}$	$\frac{26}{155}$	$\frac{129}{310}$	$\frac{77}{155}$	$\Phi_{310}^6\ \Phi_{155}\ \Phi_{62}^6\ \Phi_{31}\ \Phi_{10}^6\ \Phi_5\ \Phi_2^6\ \Phi_1^2$
60720	1086	1078	$\frac{4}{539}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{535}{1078}$	$\Phi_{1078}^2\ \Phi_{154}^2\ \Phi_{98}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
60721	1086	484	$\frac{1}{121}$	$\frac{1}{4}$	$\frac{61}{242}$	$\frac{60}{121}$	$\Phi_{484}^3\ \Phi_{242}\ \Phi_{121}^2\ \Phi_{44}^3\ \Phi_{22}\ \Phi_{11}^2\ \Phi_4^2\ \Phi_1^2$
60722	1086	3216	$\frac{7}{536}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{529}{1072}$	$\Phi_{3216}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
60723	1086	357	$\frac{5}{357}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{176}{357}$	$\Phi_{357}^3\ \Phi_{119}^3\ \Phi_{51}^3\ \Phi_{21}^3\ \Phi_{17}^3\ \Phi_7^5\ \Phi_3^3\ \Phi_1^6$
60724	1086	728	$\frac{3}{182}$	$\frac{1}{7}$	$\frac{185}{728}$	$\frac{179}{364}$	$\Phi_{728}^2\ \Phi_{182}^2\ \Phi_{104}^2\ \Phi_{91}^2\ \Phi_{56}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
60725	1086	1064	$\frac{11}{532}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{521}{1064}$	$\Phi_{1064}^2\ \Phi_{152}^2\ \Phi_{56}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
60726	1086	217	$\frac{5}{217}$	$\frac{36}{217}$	$\frac{37}{217}$	$\frac{106}{217}$	$\Phi_{217}^5\ \Phi_{31}^5\ \Phi_7^5\ \Phi_1^6$
60727	1086	1056	$\frac{5}{176}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{171}{352}$	$\Phi_{1056}^3\ \Phi_{96}^3\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
60728	1086	352	$\frac{5}{176}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{171}{352}$	$\Phi_{352}^6\ \Phi_{44}\ \Phi_{32}^6\ \Phi_{22}$
60729	1086	350	$\frac{1}{35}$	$\frac{6}{175}$	$\frac{169}{350}$	$\frac{17}{35}$	$\Phi_{350}^6\ \Phi_{70}^6\ \Phi_{50}^6\ \Phi_{35}\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7\ \Phi_5\ \Phi_2^6\ \Phi_1^2$
60730	1086	700	$\frac{1}{35}$	$\frac{18}{175}$	$\frac{157}{700}$	$\frac{17}{35}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
60731	1086	210	$\frac{1}{35}$	$\frac{29}{210}$	$\frac{6}{35}$	$\frac{17}{35}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^6\ \Phi_{42}^6\ \Phi_{35}\ \Phi_{30}^6\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7\ \Phi_6^6\ \Phi_5\ \Phi_3^6\ \Phi_2^6\ \Phi_1^2$
60732	1086	396	$\frac{1}{33}$	$\frac{17}{198}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{396}^4\ \Phi_{198}^2\ \Phi_{132}^3\ \Phi_{99}^2\ \Phi_{66}\ \Phi_{44}^3\ \Phi_{36}^4\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
60733	1086	1054	$\frac{16}{527}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{511}{1054}$	$\Phi_{1054}^2\ \Phi_{62}^2\ \Phi_{34}^2\ \Phi_{31}\ \Phi_2^2\ \Phi_1^2$
60734	1086	3162	$\frac{16}{527}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{511}{1054}$	$\Phi_{3162}\ \Phi_{186}\ \Phi_{102}\ \Phi_{51}\ \Phi_6$
60735	1086	192	$\frac{1}{32}$	$\frac{11}{192}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{192}^5\ \Phi_{96}^6\ \Phi_{64}^6\ \Phi_{48}^6\ \Phi_{32}^6\ \Phi_{24}^6\ \Phi_{16}^6\ \Phi_{12}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
60736	1086	350	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{169}{350}$	$\Phi_{350}^6\ \Phi_{70}^6\ \Phi_{50}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
60737	1086	1456	$\frac{1}{26}$	$\frac{27}{208}$	$\frac{1}{7}$	$\frac{25}{52}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{182}\ \Phi_{112}\ \Phi_{91}\ \Phi_{56}\ \Phi_{14}$
60738	1086	3072	$\frac{1}{32}$	$\frac{31}{512}$	$\frac{1}{3}$	$\frac{481}{1024}$	$\Phi_{3072}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
60739	1086	341	$\frac{1}{31}$	$\frac{21}{341}$	$\frac{10}{31}$	$\frac{160}{341}$	$\Phi_{341}^3\ \Phi_{31}^5\ \Phi_{11}^3\ \Phi_1^6$
60740	1086	1020	$\frac{1}{34}$	$\frac{11}{170}$	$\frac{1}{3}$	$\frac{159}{340}$	$\Phi_{1020}^3\ \Phi_{204}^3\ \Phi_{102}\ \Phi_{60}^3\ \Phi_{51}\ \Phi_{12}^3\ \Phi_6$
60741	1086	2366	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{157}{338}$	$\Phi_{2366}\ \Phi_{182}\ \Phi_{91}\ \Phi_{14}$
60742	1086	196	$\frac{1}{14}$	$\frac{15}{196}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{196}^6\ \Phi_{98}^6\ \Phi_{49}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
60743	1086	336	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{1}{7}$	$\frac{155}{336}$	$\Phi_{336}^6\ \Phi_{112}^6\ \Phi_{48}^6\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
60744	1086	248	$\frac{1}{31}$	$\frac{5}{62}$	$\frac{67}{248}$	$\frac{57}{124}$	$\Phi_{248}^6\ \Phi_{62}^6\ \Phi_{31}^5\ \Phi_8^6\ \Phi_2^6\ \Phi_1^6$
60745	1086	1001	$\frac{6}{91}$	$\frac{85}{1001}$	$\frac{1}{7}$	$\frac{458}{1001}$	$\Phi_{1001}\ \Phi_{143}\ \Phi_{91}^2\ \Phi_{77}\ \Phi_{13}^2\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
60746	1086	748	$\frac{6}{187}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{748}^2\ \Phi_{374}^2\ \Phi_{68}^2\ \Phi_{44}\ \Phi_{34}^2\ \Phi_{22}$
60747	1086	992	$\frac{1}{31}$	$\frac{47}{496}$	$\frac{15}{62}$	$\frac{449}{992}$	$\Phi_{992}^2\ \Phi_{62}^2\ \Phi_{32}^2\ \Phi_{31}\ \Phi_2^2\ \Phi_1^2$
60748	1086	660	$\frac{1}{33}$	$\frac{16}{165}$	$\frac{1}{4}$	$\frac{149}{330}$	$\Phi_{660}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^3\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}^3\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_6\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
60749	1086	980	$\frac{1}{35}$	$\frac{53}{490}$	$\frac{17}{70}$	$\frac{437}{980}$	$\Phi_{980}^2\ \Phi_{196}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
60750	1086	2856	$\frac{1}{68}$	$\frac{67}{476}$	$\frac{1}{3}$	$\frac{409}{952}$	$\Phi_{2856}\ \Phi_{408}\ \Phi_{204}\ \Phi_{168}\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
60751	1086	616	$\frac{4}{77}$	$\frac{73}{616}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{616}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{88}^2\ \Phi_{56}^2\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
60752	1086	196	$\frac{15}{196}$	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{196}^6\ \Phi_{98}^6\ \Phi_{49}^4\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
60753	1086	2184	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{25}{156}$	$\frac{131}{312}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{182}\ \Phi_{168}\ \Phi_{91}\ \Phi_{56}\ \Phi_{14}$
60754	1086	310	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{26}{155}$	$\frac{129}{310}$	$\Phi_{310}^6\ \Phi_{62}^6\ \Phi_{31}^5\ \Phi_{10}^6\ \Phi_2^6\ \Phi_1^6$
60755	1086	910	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{88}{455}$	$\frac{367}{910}$	$\Phi_{910}^2\ \Phi_{182}^2\ \Phi_{130}^2\ \Phi_{91}^2\ \Phi_{70}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
60756	1086	915	$\frac{2}{183}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{915}\ \Phi_{305}\ \Phi_{183}^2\ \Phi_{61}^2\ \Phi_5\ \Phi_1^2$
60757	1086	270	$\frac{1}{90}$	$\frac{1}{5}$	$\frac{89}{270}$	$\frac{2}{5}$	$\Phi_{270}^6\ \Phi_{135}^6\ \Phi_{54}^6\ \Phi_{27}^6\ \Phi_5\ \Phi_1^2$
60758	1086	550	$\frac{7}{550}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{550}^2\ \Phi_{275}^2\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
60759	1086	920	$\frac{3}{184}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{184}^2\ \Phi_{115}\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{40}\ \Phi_{23}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
60760	1086	240	$\frac{1}{60}$	$\frac{1}{5}$	$\frac{59}{240}$	$\frac{2}{5}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^6\ \Phi_{48}^6\ \Phi_{40}^6\ \Phi_{24}^6\ \Phi_{16}^6\ \Phi_8^6\ \Phi_5\ \Phi_1^2$
60761	1086	185	$\frac{4}{185}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{185}^6\ \Phi_{37}^6\ \Phi_5\ \Phi_1^2$
60762	1086	225	$\frac{1}{45}$	$\frac{44}{225}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{225}^6\ \Phi_{75}^6\ \Phi_{25}^6\ \Phi_5\ \Phi_1^2$
60763	1086	930	$\frac{5}{186}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{930}\ \Phi_{465}\ \Phi_{310}\ \Phi_{186}^2\ \Phi_{155}\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_5\ \Phi_1^2$
60764	1086	1080	$\frac{1}{36}$	$\frac{35}{216}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}^2\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{40}\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
60765	1086	560	$\frac{17}{560}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
60766	1086	210	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^6\ \Phi_{42}^6\ \Phi_{35}^6\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_7^6\ \Phi_5\ \Phi_1^2$
60767	1086	945	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}^2\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
60768	1086	190	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{190}^6\ \Phi_{95}^6\ \Phi_{38}^6\ \Phi_{19}^6\ \Phi_5\ \Phi_1^2$
60769	1086	200	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{200}^6\ \Phi_{100}^6\ \Phi_{50}^6\ \Phi_{40}^6\ \Phi_{25}^6\ \Phi_8^6\ \Phi_5\ \Phi_1^2$
60770	1086	990	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
60771	1086	960	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}^2\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{80}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
60772	1086	195	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{195}^6\ \Phi_{65}^6\ \Phi_{39}^6\ \Phi_{13}^6\ \Phi_5\ \Phi_1^2$
60773	1086	560	$\frac{17}{560}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
60774	1086	620	$\frac{1}{31}$	$\frac{77}{620}$	$\frac{15}{62}$	$\frac{47}{124}$	$\Phi_{620}^2\ \Phi_{310}^2\ \Phi_{155}^2\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
60775	1086	186	$\frac{5}{186}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{186}^6\ \Phi_{93}^6\ \Phi_{62}^6\ \Phi_{31}^5\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
60776	1086	280	$\frac{1}{35}$	$\frac{17}{140}$	$\frac{41}{140}$	$\frac{99}{280}$	$\Phi_{280}^6\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^6\ \Phi_{40}^6\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^6\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
60777	1086	279	$\frac{1}{31}$	$\frac{10}{93}$	$\frac{83}{279}$	$\frac{98}{279}$	$\Phi_{279}^3\ \Phi_{93}^6\ \Phi_{31}^5\ \Phi_9^3\ \Phi_3^6\ \Phi_1^6$
60778	1086	273	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{89}{273}$	$\frac{92}{273}$	$\Phi_{273}^3\ \Phi_{91}^6\ \Phi_{39}^3\ \Phi_{21}^3\ \Phi_{13}^6\ \Phi_7^5\ \Phi_3^3\ \Phi_1^6$
60779	1086	816	$\frac{1}{136}$	$\frac{45}{136}$	$\frac{1}{3}$	$\frac{91}{272}$	$\Phi_{816}^3\ \Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}^3\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
60780	1086	732	$\frac{2}{183}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{732}^2\ \Phi_{366}^2\ \Phi_{244}^2\ \Phi_{122}^2\ \Phi_{12}\ \Phi_6$
60781	1086	540	$\frac{1}{90}$	$\frac{1}{4}$	$\frac{89}{270}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{108}^4\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{12}\ \Phi_6$
60782	1086	204	$\frac{1}{34}$	$\frac{23}{204}$	$\frac{11}{34}$	$\frac{1}{3}$	$\Phi_{204}^6\ \Phi_{102}^4\ \Phi_{68}^6\ \Phi_{51}^4\ \Phi_{34}^6\ \Phi_{17}^6\ \Phi_{12}^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
60783	1086	192	$\frac{11}{192}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{192}^6\ \Phi_{96}^6\ \Phi_{64}^6\ \Phi_{48}^4\ \Phi_{32}^6\ \Phi_{24}^4\ \Phi_{16}^6\ \Phi_{12}^4\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
60784	1086	768	$\frac{1}{32}$	$\frac{31}{256}$	$\frac{75}{256}$	$\frac{1}{3}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{192}^2\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
60785	1086	552	$\frac{3}{184}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{552}^3\ \Phi_{276}^3\ \Phi_{138}^3\ \Phi_{69}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
60786	1086	240	$\frac{1}{60}$	$\frac{59}{240}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^6\ \Phi_{48}^6\ \Phi_{40}^6\ \Phi_{24}^6\ \Phi_{16}^6\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
60787	1086	1476	$\frac{7}{369}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{492}\ \Phi_{246}\ \Phi_{164}\ \Phi_{82}\ \Phi_{12}\ \Phi_6$
60788	1086	2220	$\frac{4}{185}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{444}\ \Phi_{222}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
60789	1086	900	$\frac{1}{45}$	$\frac{44}{225}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{12}\ \Phi_6$
60790	1086	372	$\frac{5}{186}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{372}^4\ \Phi_{186}^2\ \Phi_{124}^4\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{12}\ \Phi_6$
60791	1086	216	$\frac{1}{36}$	$\frac{35}{216}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{216}^6\ \Phi_{108}^6\ \Phi_{72}^6\ \Phi_{54}^6\ \Phi_{27}^6\ \Phi_{24}^6\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
60792	1086	1680	$\frac{17}{560}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
60793	1086	420	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^2\ \Phi_{140}^4\ \Phi_{105}^2\ \Phi_{84}^4\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_6$
60794	1086	1500	$\frac{13}{375}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{300}\ \Phi_{250}\ \Phi_{150}\ \Phi_{100}\ \Phi_{50}\ \Phi_{12}\ \Phi_6$
60795	1086	756	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_6$
60796	1086	1620	$\frac{2}{45}$	$\frac{43}{405}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{324}\ \Phi_{270}\ \Phi_{162}\ \Phi_{108}\ \Phi_{54}\ \Phi_{12}\ \Phi_6$
60797	1086	1140	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}\ \Phi_{285}\ \Phi_{228}^2\ \Phi_{114}\ \Phi_{57}\ \Phi_{12}\ \Phi_6$
60798	1086	600	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{75}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
60799	1086	396	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^4\ \Phi_{198}^2\ \Phi_{132}^4\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{44}^4\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_6$
60800	1086	192	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{192}^6\ \Phi_{96}^6\ \Phi_{64}^6\ \Phi_{48}^6\ \Phi_{32}^6\ \Phi_{24}^6\ \Phi_{16}^6\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
60801	1086	780	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{12}\ \Phi_6$
60802	1086	1920	$\frac{1}{32}$	$\frac{97}{640}$	$\frac{31}{128}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
60803	1086	2112	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{161}{704}$	$\frac{1}{3}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
60804	1086	2040	$\frac{1}{34}$	$\frac{33}{170}$	$\frac{137}{680}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{408}\ \Phi_{204}\ \Phi_{120}\ \Phi_{102}\ \Phi_{60}\ \Phi_{51}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
60805	1086	1638	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{53}{234}$	$\frac{25}{78}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{182}\ \Phi_{126}\ \Phi_{91}\ \Phi_{63}\ \Phi_{14}$
60806	1086	266	$\frac{11}{266}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{85}{266}$	$\Phi_{266}^4\ \Phi_{133}^4\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{14}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
60807	1086	217	$\frac{10}{217}$	$\frac{36}{217}$	$\frac{37}{217}$	$\frac{69}{217}$	$\Phi_{217}^5\ \Phi_{31}^5\ \Phi_7^5\ \Phi_1^6$
60808	1086	264	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{83}{264}$	$\Phi_{264}^6\ \Phi_{132}^6\ \Phi_{66}^6\ \Phi_{44}\ \Phi_{33}^6\ \Phi_{24}^6\ \Phi_{22}\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^6$
60809	1086	210	$\frac{1}{14}$	$\frac{29}{210}$	$\frac{1}{7}$	$\frac{13}{42}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^6\ \Phi_{35}^6\ \Phi_{30}^6\ \Phi_{15}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7^5\ \Phi_5^6\ \Phi_2^6\ \Phi_1^6$
60810	1086	238	$\frac{5}{119}$	$\frac{1}{7}$	$\frac{57}{238}$	$\frac{2}{7}$	$\Phi_{238}^6\ \Phi_{119}^3\ \Phi_{34}^6\ \Phi_{17}^3\ \Phi_{14}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
60811	1086	189	$\frac{8}{189}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{189}^6\ \Phi_{63}^6\ \Phi_{27}^6\ \Phi_{21}^3\ \Phi_9^6\ \Phi_7^5\ \Phi_3^3\ \Phi_1^6$
60812	1086	252	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{84}$	$\frac{71}{252}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{63}^6\ \Phi_{36}^6\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_9^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
60813	1086	248	$\frac{1}{31}$	$\frac{47}{248}$	$\frac{15}{62}$	$\frac{67}{248}$	$\Phi_{248}^4\ \Phi_{124}^4\ \Phi_{62}^6\ \Phi_{31}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^6\ \Phi_1^6$
60814	1086	1980	$\frac{1}{33}$	$\frac{32}{165}$	$\frac{1}{4}$	$\frac{133}{495}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{396}\ \Phi_{198}\ \Phi_{180}\ \Phi_{132}\ \Phi_{90}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
60815	1086	396	$\frac{17}{198}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{396}^4\ \Phi_{198}^2\ \Phi_{132}^4\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{36}^4\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{18}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2$
60816	1086	220	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{220}$	$\frac{1}{4}$	$\Phi_{220}^6\ \Phi_{110}^6\ \Phi_{55}^6\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}^6\ \Phi_{10}^6\ \Phi_5^6$
60817	1086	224	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{43}{224}$	$\frac{13}{56}$	$\Phi_{224}^6\ \Phi_{112}^6\ \Phi_{32}^6\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
60818	1086	210	$\frac{29}{210}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^6\ \Phi_{42}^6\ \Phi_{30}^6\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7^5\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
60819	1087	1452	$\frac{2}{363}$	$\frac{365}{1452}$	$\frac{1}{3}$	$\frac{361}{726}$	$\Phi_{1452}\ \Phi_{484}\ \Phi_{363}\ \Phi_{132}\ \Phi_{121}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
60820	1087	2160	$\frac{7}{1080}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1073}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
60821	1087	2160	$\frac{7}{1080}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1073}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}\ \Phi_9\ \Phi_1$
60822	1087	1188	$\frac{2}{99}$	$\frac{101}{1188}$	$\frac{1}{3}$	$\frac{97}{198}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{27}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_1$
60823	1087	2112	$\frac{31}{1056}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1025}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{64}\ \Phi_{33}\ \Phi_{11}\ \Phi_1$
60824	1087	1248	$\frac{5}{156}$	$\frac{161}{1248}$	$\frac{1}{6}$	$\frac{151}{312}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{208}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
60825	1087	2100	$\frac{37}{1050}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1013}{2100}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
60826	1087	1176	$\frac{5}{84}$	$\frac{89}{1176}$	$\frac{1}{6}$	$\frac{79}{168}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{49}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
60827	1087	1122	$\frac{35}{1122}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{374}\ \Phi_{187}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}\ \Phi_{33}\ \Phi_{17}\ \Phi_{11}\ \Phi_{1}$
60828	1087	2028	$\frac{5}{78}$	$\frac{73}{1014}$	$\frac{1}{6}$	$\frac{941}{2028}$	$\Phi_{2028}\ \Phi_{676}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
60829	1087	2016	$\frac{5}{84}$	$\frac{79}{1008}$	$\frac{1}{6}$	$\frac{929}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
60830	1087	1980	$\frac{2}{99}$	$\frac{97}{990}$	$\frac{1}{3}$	$\frac{893}{1980}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{132}\ \Phi_{99}\ \Phi_{60}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{20}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
60831	1087	1872	$\frac{5}{156}$	$\frac{151}{936}$	$\frac{1}{6}$	$\frac{785}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
60832	1087	1620	$\frac{7}{540}$	$\frac{1}{6}$	$\frac{533}{1620}$	$\frac{5}{12}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
60833	1087	1104	$\frac{17}{1104}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{48}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
60834	1087	1440	$\frac{7}{360}$	$\frac{1}{6}$	$\frac{353}{1440}$	$\frac{5}{12}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
60835	1087	1116	$\frac{29}{1116}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1116}\ \Phi_{558}\ \Phi_{372}\ \Phi_{279}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
60836	1087	1296	$\frac{7}{216}$	$\frac{209}{1296}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
60837	1087	1260	$\frac{7}{180}$	$\frac{173}{1260}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
60838	1087	1140	$\frac{53}{1140}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
60839	1087	1152	$\frac{65}{1152}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
60840	1087	1200	$\frac{7}{120}$	$\frac{113}{1200}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
60841	1087	1188	$\frac{7}{108}$	$\frac{101}{1188}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
60842	1087	1098	$\frac{11}{1098}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1098}\ \Phi_{549}\ \Phi_{366}\ \Phi_{183}\ \Phi_{122}\ \Phi_{61}\ \Phi_{9}\ \Phi_{1}$
60843	1087	1620	$\frac{7}{540}$	$\frac{2}{9}$	$\frac{533}{1620}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{9}\ \Phi_{1}$
60844	1087	1584	$\frac{31}{528}$	$\frac{2}{33}$	$\frac{497}{1584}$	$\frac{1}{3}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{144}\ \Phi_{99}\ \Phi_{72}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
60845	1087	1485	$\frac{2}{99}$	$\frac{97}{495}$	$\frac{398}{1485}$	$\frac{1}{3}$	$\Phi_{1485}\ \Phi_{297}\ \Phi_{135}\ \Phi_{99}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
60846	1087	1107	$\frac{20}{1107}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1107}\ \Phi_{369}\ \Phi_{123}\ \Phi_{41}\ \Phi_{9}\ \Phi_{1}$
60847	1087	1440	$\frac{7}{360}$	$\frac{2}{9}$	$\frac{353}{1440}$	$\frac{1}{3}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
60848	1087	1188	$\frac{2}{33}$	$\frac{101}{1188}$	$\frac{31}{132}$	$\frac{1}{3}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{108}\ \Phi_{99}\ \Phi_{54}\ \Phi_{36}\ \Phi_{33}\ \Phi_{27}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
60849	1087	1350	$\frac{7}{270}$	$\frac{263}{1350}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{9}\ \Phi_{1}$
60850	1087	1116	$\frac{29}{1116}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1116}\ \Phi_{558}\ \Phi_{372}\ \Phi_{279}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{9}\ \Phi_{1}$
60851	1087	1296	$\frac{7}{216}$	$\frac{209}{1296}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{48}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
60852	1087	1125	$\frac{38}{1125}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{225}\ \Phi_{125}\ \Phi_{75}\ \Phi_{25}\ \Phi_{9}\ \Phi_{1}$
60853	1087	1260	$\frac{7}{180}$	$\frac{173}{1260}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
60854	1087	1134	$\frac{47}{1134}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{162}\ \Phi_{126}\ \Phi_{81}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
60855	1087	1215	$\frac{7}{135}$	$\frac{128}{1215}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{81}\ \Phi_{9}\ \Phi_{1}$
60856	1087	1152	$\frac{65}{1152}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
60857	1087	1188	$\frac{7}{108}$	$\frac{101}{1188}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
60858	1087	1170	$\frac{83}{1170}$	$\frac{7}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{130}\ \Phi_{117}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
60859	1087	1320	$\frac{2}{33}$	$\frac{31}{264}$	$\frac{233}{1320}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
60860	1087	1404	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{317}{1404}$	$\frac{151}{468}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{156}\ \Phi_{108}\ \Phi_{78}\ \Phi_{54}\ \Phi_{52}\ \Phi_{39}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
60861	1087	1260	$\frac{5}{84}$	$\frac{173}{1260}$	$\frac{1}{6}$	$\frac{79}{252}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
60862	1087	1512	$\frac{5}{84}$	$\frac{79}{504}$	$\frac{1}{6}$	$\frac{425}{1512}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
60863	1087	1344	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{257}{1344}$	$\frac{79}{336}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
60864	1087	1260	$\frac{5}{42}$	$\frac{173}{1260}$	$\frac{1}{6}$	$\frac{37}{210}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
60865	1088	813	$\frac{1}{271}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{135}{271}$	$\Phi_{813}\ \Phi_{271}^2\ \Phi_{3}^2\ \Phi_{1}^4$
60866	1088	1087	$\frac{5}{1087}$	$\frac{273}{1087}$	$\frac{407}{1087}$	$\frac{541}{1087}$	$\Phi_{1087}\ \Phi_{1}^2$
60867	1088	1635	$\frac{3}{545}$	$\frac{137}{545}$	$\frac{1}{3}$	$\frac{271}{545}$	$\Phi_{1635}\ \Phi_{327}\ \Phi_{15}$
60868	1088	945	$\frac{1}{135}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{67}{135}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
60869	1088	135	$\frac{1}{135}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{67}{135}$	$\Phi_{135}^8\ \Phi_{45}^8\ \Phi_{27}^8\ \Phi_{15}^9\ \Phi_{9}^8\ \Phi_{5}^8\ \Phi_{3}^8\ \Phi_{1}^8$
60870	1088	1087	$\frac{9}{1087}$	$\frac{137}{1087}$	$\frac{475}{1087}$	$\frac{539}{1087}$	$\Phi_{1087}\ \Phi_{1}^2$
60871	1088	327	$\frac{1}{109}$	$\frac{55}{327}$	$\frac{1}{3}$	$\frac{54}{109}$	$\Phi_{327}^3\ \Phi_{109}^4\ \Phi_{3}^2\ \Phi_{1}^4$
60872	1088	455	$\frac{1}{91}$	$\frac{1}{5}$	$\frac{23}{91}$	$\frac{45}{91}$	$\Phi_{455}^3\ \Phi_{65}^3\ \Phi_{35}^3\ \Phi_{5}^2$
60873	1088	1087	$\frac{13}{1087}$	$\frac{203}{1087}$	$\frac{275}{1087}$	$\frac{537}{1087}$	$\Phi_{1087}\ \Phi_{1}^2$
60874	1088	1635	$\frac{7}{545}$	$\frac{69}{545}$	$\frac{1}{3}$	$\frac{269}{545}$	$\Phi_{1635}\ \Phi_{327}\ \Phi_{15}$
60875	1088	1005	$\frac{1}{67}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{33}{67}$	$\Phi_{1005}\ \Phi_{335}\ \Phi_{201}\ \Phi_{67}^2\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
60876	1088	603	$\frac{1}{67}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{33}{67}$	$\Phi_{603}^2\ \Phi_{201}\ \Phi_{67}^2\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^4$
60877	1088	335	$\frac{1}{67}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{33}{67}$	$\Phi_{335}^3\ \Phi_{67}^4\ \Phi_{5}^6\ \Phi_{1}^8$
60878	1088	1087	$\frac{17}{1087}$	$\frac{69}{1087}$	$\frac{509}{1087}$	$\frac{535}{1087}$	$\Phi_{1087}\ \Phi_{1}^2$
60879	1088	2016	$\frac{1}{63}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{31}{63}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{96}\ \Phi_{63}\ \Phi_{32}^2\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^2$
60880	1088	504	$\frac{1}{63}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{31}{63}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^3\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{9}^3\ \Phi_{8}^2\ \Phi_{7}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
60881	1088	1260	$\frac{1}{63}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{31}{63}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
60882	1088	1233	$\frac{3}{137}$	$\frac{1}{9}$	$\frac{35}{137}$	$\frac{67}{137}$	$\Phi_{1233}\ \Phi_{411}$
60883	1088	665	$\frac{3}{133}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{65}{133}$	$\Phi_{665}^2\ \Phi_{95}^2\ \Phi_{35}^3\ \Phi_{5}^2$
60884	1088	1087	$\frac{25}{1087}$	$\frac{139}{1087}$	$\frac{237}{1087}$	$\frac{531}{1087}$	$\Phi_{1087}\ \Phi_{1}^2$
60885	1088	195	$\frac{1}{39}$	$\frac{5}{39}$	$\frac{1}{5}$	$\frac{19}{39}$	$\Phi_{195}^7\ \Phi_{65}^7\ \Phi_{15}^7\ \Phi_{5}^6$
60886	1088	1087	$\frac{29}{1087}$	$\frac{101}{1087}$	$\frac{279}{1087}$	$\frac{529}{1087}$	$\Phi_{1087}\ \Phi_{1}^2$
60887	1088	327	$\frac{3}{109}$	$\frac{7}{109}$	$\frac{1}{3}$	$\frac{53}{109}$	$\Phi_{327}^5\ \Phi_{3}^4$
60888	1088	1023	$\frac{1}{33}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{16}{33}$	$\Phi_{1023}\ \Phi_{341}\ \Phi_{93}\ \Phi_{33}^2\ \Phi_{31}^2\ \Phi_{11}^2\ \Phi_{3}^2\ \Phi_{1}^4$
60889	1088	561	$\frac{1}{33}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{561}^2\ \Phi_{187}^2\ \Phi_{51}^3\ \Phi_{17}^2$
60890	1088	1023	$\frac{1}{33}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{16}{33}$	$\Phi_{1023}\ \Phi_{341}\ \Phi_{93}\ \Phi_{33}^2\ \Phi_{31}^2\ \Phi_{11}^2\ \Phi_{3}^2\ \Phi_{1}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
60891	1088	495	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{16}{33}$	$\Phi_{495}^{3}\ \Phi_{165}^{2}\ \Phi_{55}^{2}\ \Phi_{45}^{4}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
60892	1088	1087	$\frac{33}{1087}$	$\frac{35}{1087}$	$\frac{526}{1087}$	$\frac{527}{1087}$	$\Phi_{1087}\ \Phi_{1}^{2}$
60893	1088	558	$\frac{1}{31}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{558}^{2}\ \Phi_{279}^{2}\ \Phi_{186}^{2}\ \Phi_{93}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
60894	1088	682	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{15}{31}$	$\Phi_{682}^{2}\ \Phi_{341}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{22}^{4}\ \Phi_{11}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
60895	1088	391	$\frac{1}{23}$	$\frac{1}{17}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{391}^{3}\ \Phi_{17}^{2}$
60896	1088	1087	$\frac{49}{1087}$	$\frac{71}{1087}$	$\frac{254}{1087}$	$\frac{519}{1087}$	$\Phi_{1087}\ \Phi_{1}^{2}$
60897	1088	1170	$\frac{3}{65}$	$\frac{1}{18}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{130}\ \Phi_{117}\ \Phi_{90}\ \Phi_{78}\ \Phi_{45}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{10}$
60898	1088	65	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{31}{65}$	$\Phi_{65}^{17}\ \Phi_{13}^{16}\ \Phi_{5}^{16}\ \Phi_{1}^{16}$
60899	1088	735	$\frac{1}{21}$	$\frac{11}{147}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{735}^{2}\ \Phi_{245}^{2}\ \Phi_{105}\ \Phi_{35}\ \Phi_{15}$
60900	1088	1233	$\frac{7}{137}$	$\frac{1}{9}$	$\frac{18}{137}$	$\frac{65}{137}$	$\Phi_{1233}\ \Phi_{411}$
60901	1088	1087	$\frac{57}{1087}$	$\frac{118}{1087}$	$\frac{143}{1087}$	$\frac{515}{1087}$	$\Phi_{1087}\ \Phi_{1}^{2}$
60902	1088	455	$\frac{5}{91}$	$\frac{6}{91}$	$\frac{1}{5}$	$\frac{43}{91}$	$\Phi_{455}^{3}\ \Phi_{65}^{3}\ \Phi_{35}^{3}\ \Phi_{5}^{2}$
60903	1088	1087	$\frac{50}{1087}$	$\frac{61}{1087}$	$\frac{287}{1087}$	$\frac{513}{1087}$	$\Phi_{1087}\ \Phi_{1}^{2}$
60904	1088	1635	$\frac{18}{545}$	$\frac{31}{545}$	$\frac{1}{3}$	$\frac{257}{545}$	$\Phi_{1635}\ \Phi_{327}\ \Phi_{15}$
60905	1088	1087	$\frac{47}{1087}$	$\frac{65}{1087}$	$\frac{288}{1087}$	$\frac{511}{1087}$	$\Phi_{1087}\ \Phi_{1}^{2}$
60906	1088	1635	$\frac{17}{545}$	$\frac{33}{545}$	$\frac{1}{3}$	$\frac{256}{545}$	$\Phi_{1635}\ \Phi_{327}\ \Phi_{15}$
60907	1088	1056	$\frac{1}{33}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{1056}^{2}\ \Phi_{352}^{2}\ \Phi_{96}\ \Phi_{33}^{2}\ \Phi_{32}^{2}\ \Phi_{11}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
60908	1088	672	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{5}{21}$	$\frac{15}{32}$	$\Phi_{672}^{3}\ \Phi_{224}^{3}\ \Phi_{96}^{3}\ \Phi_{32}^{4}\ \Phi_{21}^{3}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
60909	1088	2720	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{2720}\ \Phi_{85}$
60910	1088	1120	$\frac{1}{16}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{1120}^{2}\ \Phi_{224}\ \Phi_{160}^{2}\ \Phi_{35}^{2}\ \Phi_{32}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
60911	1088	288	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{15}{32}$	$\Phi_{288}^{7}\ \Phi_{96}^{7}\ \Phi_{32}^{8}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
60912	1088	105	$\frac{1}{35}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{105}^{11}\ \Phi_{35}^{10}\ \Phi_{21}^{11}\ \Phi_{15}^{9}\ \Phi_{7}^{10}\ \Phi_{5}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
60913	1088	1005	$\frac{3}{67}$	$\frac{1}{15}$	$\frac{16}{67}$	$\frac{7}{15}$	$\Phi_{1005}\ \Phi_{335}\ \Phi_{201}\ \Phi_{67}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
60914	1088	90	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{90}^{13}\ \Phi_{45}^{13}\ \Phi_{30}^{13}\ \Phi_{18}^{12}\ \Phi_{15}^{9}\ \Phi_{10}^{13}\ \Phi_{9}^{12}\ \Phi_{6}^{12}\ \Phi_{5}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{12}\ \Phi_{1}^{8}$
60915	1088	715	$\frac{7}{143}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{715}^{2}\ \Phi_{65}\ \Phi_{55}^{2}$
60916	1088	234	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{234}^{5}\ \Phi_{117}^{5}\ \Phi_{78}^{5}\ \Phi_{39}^{3}\ \Phi_{26}^{5}\ \Phi_{18}^{4}\ \Phi_{13}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
60917	1088	315	$\frac{1}{21}$	$\frac{5}{63}$	$\frac{1}{5}$	$\frac{29}{63}$	$\Phi_{315}^{4}\ \Phi_{105}^{5}\ \Phi_{45}^{4}\ \Phi_{35}^{5}\ \Phi_{15}^{5}\ \Phi_{5}^{4}$
60918	1088	385	$\frac{1}{35}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{385}^{3}\ \Phi_{77}^{3}\ \Phi_{55}^{3}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}$
60919	1088	1087	$\frac{35}{1087}$	$\frac{103}{1087}$	$\frac{263}{1087}$	$\frac{492}{1087}$	$\Phi_{1087}\ \Phi_{1}^{2}$
60920	1088	1170	$\frac{1}{18}$	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{29}{65}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{130}\ \Phi_{117}\ \Phi_{90}\ \Phi_{78}\ \Phi_{45}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{10}$
60921	1088	1087	$\frac{55}{1087}$	$\frac{129}{1087}$	$\frac{152}{1087}$	$\frac{479}{1087}$	$\Phi_{1087}\ \Phi_{1}^{2}$
60922	1088	455	$\frac{3}{91}$	$\frac{11}{91}$	$\frac{1}{5}$	$\frac{40}{91}$	$\Phi_{455}^{3}\ \Phi_{65}^{3}\ \Phi_{35}^{3}\ \Phi_{5}^{2}$
60923	1088	1087	$\frac{23}{1087}$	$\frac{133}{1087}$	$\frac{305}{1087}$	$\frac{477}{1087}$	$\Phi_{1087}\ \Phi_{1}^{2}$
60924	1088	1635	$\frac{9}{545}$	$\frac{67}{545}$	$\frac{1}{3}$	$\frac{239}{545}$	$\Phi_{1635}\ \Phi_{327}\ \Phi_{15}$
60925	1088	390	$\frac{1}{65}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{390}^{5}\ \Phi_{195}\ \Phi_{130}^{5}\ \Phi_{78}^{5}\ \Phi_{39}\ \Phi_{30}^{4}\ \Phi_{26}^{5}\ \Phi_{15}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{2}^{4}$
60926	1088	330	$\frac{1}{33}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{330}^{6}\ \Phi_{165}\ \Phi_{110}^{6}\ \Phi_{66}^{6}\ \Phi_{55}\ \Phi_{30}^{4}\ \Phi_{22}^{6}\ \Phi_{15}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{2}^{4}$
60927	1088	483	$\frac{1}{69}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{483}^{2}\ \Phi_{161}^{2}\ \Phi_{69}^{4}\ \Phi_{23}^{4}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
60928	1088	315	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{11}{45}$	$\frac{3}{7}$	$\Phi_{315}^{3}\ \Phi_{105}^{3}\ \Phi_{63}^{3}\ \Phi_{45}^{6}\ \Phi_{35}^{3}\ \Phi_{21}^{3}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
60929	1088	35	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{35}^{31}\ \Phi_{7}^{32}\ \Phi_{5}^{30}\ \Phi_{1}^{32}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
60930	1088	231	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{231}^{5}\ \Phi_{77}^{5}\ \Phi_{33}^{4}\ \Phi_{21}^{3}\ \Phi_{11}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
60931	1088	567	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{13}{81}$	$\frac{3}{7}$	$\Phi_{567}^{2}\ \Phi_{189}\ \Phi_{81}^{4}\ \Phi_{63}\ \Phi_{27}^{2}\ \Phi_{21}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
60932	1088	945	$\frac{7}{135}$	$\frac{16}{135}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}\ \Phi_{135}^{2}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}^{2}\ \Phi_{35}\ \Phi_{27}^{2}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
60933	1088	126	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{126}^{8}\ \Phi_{63}^{7}\ \Phi_{42}^{8}\ \Phi_{21}^{7}\ \Phi_{18}^{16}\ \Phi_{14}^{8}\ \Phi_{9}^{14}\ \Phi_{7}^{8}\ \Phi_{6}^{16}\ \Phi_{3}^{14}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
60934	1088	525	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{525}^{2}\ \Phi_{175}^{2}\ \Phi_{105}\ \Phi_{75}^{4}\ \Phi_{35}\ \Phi_{25}^{4}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
60935	1088	585	$\frac{1}{39}$	$\frac{19}{117}$	$\frac{1}{5}$	$\frac{49}{117}$	$\Phi_{585}^{2}\ \Phi_{195}^{3}\ \Phi_{65}^{3}\ \Phi_{45}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
60936	1088	1560	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{40}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{10}$
60937	1088	1173	$\frac{1}{69}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1173}\ \Phi_{391}\ \Phi_{51}$
60938	1088	1087	$\frac{19}{1087}$	$\frac{205}{1087}$	$\frac{267}{1087}$	$\frac{441}{1087}$	$\Phi_{1087}\ \Phi_{1}^{2}$
60939	1088	825	$\frac{3}{275}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{825}^{2}\ \Phi_{165}^{2}\ \Phi_{75}^{2}\ \Phi_{33}^{2}\ \Phi_{15}$
60940	1088	660	$\frac{1}{33}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{2}\ \Phi_{165}\ \Phi_{132}^{2}\ \Phi_{110}^{2}\ \Phi_{66}^{2}\ \Phi_{60}^{2}\ \Phi_{55}\ \Phi_{44}^{2}\ \Phi_{30}^{2}\ \Phi_{22}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
60941	1088	630	$\frac{1}{18}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{210}^{2}\ \Phi_{126}^{2}\ \Phi_{105}^{2}\ \Phi_{90}\ \Phi_{70}^{2}\ \Phi_{63}^{2}\ \Phi_{45}\ \Phi_{42}^{2}\ \Phi_{30}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{10}$
60942	1088	1155	$\frac{1}{35}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}\ \Phi_{55}\ \Phi_{21}\ \Phi_{15}$
60943	1088	924	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{924}^{2}\ \Phi_{308}^{2}\ \Phi_{231}\ \Phi_{132}^{2}\ \Phi_{84}^{2}\ \Phi_{77}\ \Phi_{44}^{2}\ \Phi_{21}\ \Phi_{12}^{2}$
60944	1088	1087	$\frac{39}{1087}$	$\frac{131}{1087}$	$\frac{239}{1087}$	$\frac{424}{1087}$	$\Phi_{1087}\ \Phi_{1}^{2}$
60945	1088	234	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{234}^{5}\ \Phi_{117}^{5}\ \Phi_{78}^{5}\ \Phi_{39}^{5}\ \Phi_{26}^{5}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
60946	1088	1087	$\frac{59}{1087}$	$\frac{84}{1087}$	$\frac{257}{1087}$	$\frac{415}{1087}$	$\Phi_{1087}\ \Phi_{1}^{2}$
60947	1088	1233	$\frac{5}{137}$	$\frac{1}{9}$	$\frac{33}{137}$	$\frac{52}{137}$	$\Phi_{1233}\ \Phi_{411}$
60948	1088	1087	$\frac{27}{1087}$	$\frac{169}{1087}$	$\frac{265}{1087}$	$\frac{411}{1087}$	$\Phi_{1087}\ \Phi_{1}^{2}$
60949	1088	1365	$\frac{5}{273}$	$\frac{1}{5}$	$\frac{67}{273}$	$\frac{103}{273}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{195}\ \Phi_{105}\ \Phi_{65}\ \Phi_{35}\ \Phi_{15}$
60950	1088	1087	$\frac{11}{1087}$	$\frac{269}{1087}$	$\frac{339}{1087}$	$\frac{409}{1087}$	$\Phi_{1087}\ \Phi_{1}^{2}$
60951	1088	327	$\frac{1}{109}$	$\frac{27}{109}$	$\frac{1}{3}$	$\frac{41}{109}$	$\Phi_{327}^{5}\ \Phi_{3}^{4}$
60952	1088	411	$\frac{1}{137}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{411}^{3}\ \Phi_{137}^{2}$
60953	1088	813	$\frac{3}{271}$	$\frac{67}{271}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{813}\ \Phi_{271}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
60954	1088	345	$\frac{1}{69}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{345}^{4}\ \Phi_{115}^{4}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
60955	1088	813	$\frac{7}{271}$	$\frac{33}{271}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{813}\ \Phi_{271}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
60956	1088	315	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{315}^{4}\ \Phi_{105}^{3}\ \Phi_{63}^{4}\ \Phi_{45}^{4}\ \Phi_{35}^{2}\ \Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{2}$
60957	1088	813	$\frac{15}{271}$	$\frac{16}{271}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{813}\ \Phi_{271}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
60958	1088	306	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{306}^{4}\ \Phi_{153}^{4}\ \Phi_{102}^{4}\ \Phi_{51}^{3}\ \Phi_{34}^{4}\ \Phi_{17}^{2}$
60959	1088	405	$\frac{2}{135}$	$\frac{1}{5}$	$\frac{133}{405}$	$\frac{1}{3}$	$\Phi_{405}^{4}\ \Phi_{81}^{4}\ \Phi_{15}$
60960	1088	1683	$\frac{1}{17}$	$\frac{2}{33}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{1683}\ \Phi_{153}\ \Phi_{51}$
60961	1088	264	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{264}^{4}\ \Phi_{132}^{4}\ \Phi_{88}^{4}\ \Phi_{66}^{4}\ \Phi_{44}^{4}\ \Phi_{33}^{6}\ \Phi_{24}^{3}\ \Phi_{22}^{4}\ \Phi_{12}^{3}\ \Phi_{11}^{6}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
60962	1088	315	$\frac{1}{35}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{315}^{5}\ \Phi_{105}\ \Phi_{63}^{5}\ \Phi_{45}^{4}\ \Phi_{21}\ \Phi_{15}\ \Phi_{9}^{4}$
60963	1088	555	$\frac{11}{555}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{555}^{2}\ \Phi_{185}^{2}\ \Phi_{111}^{2}\ \Phi_{37}^{2}\ \Phi_{15}$
60964	1088	660	$\frac{1}{33}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{2}\ \Phi_{165}^{2}\ \Phi_{110}^{2}\ \Phi_{60}\ \Phi_{55}^{2}\ \Phi_{33}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
60965	1088	45	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{1}{3}$	$\Phi_{45}^{24}\ \Phi_{15}^{25}\ \Phi_{9}^{24}\ \Phi_{5}^{24}\ \Phi_{3}^{24}\ \Phi_{1}^{24}$
60966	1088	1635	$\frac{13}{545}$	$\frac{103}{545}$	$\frac{133}{545}$	$\frac{1}{3}$	$\Phi_{1635}\ \Phi_{327}\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
60967	1088	603	$\frac{3}{67}$	$\frac{1}{9}$	$\frac{16}{67}$	$\frac{1}{3}$	$\Phi_{603}^2\ \Phi_{201}\ \Phi_{67}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
60968	1088	1635	$\frac{29}{545}$	$\frac{52}{545}$	$\frac{129}{545}$	$\frac{1}{3}$	$\Phi_{1635}\ \Phi_{327}\ \Phi_{15}$
60969	1088	1122	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{1122}^2\ \Phi_{561}\ \Phi_{102}^2\ \Phi_{51}^2$
60970	1088	558	$\frac{1}{18}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{558}^2\ \Phi_{279}^2\ \Phi_{186}^2\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{18}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
60971	1088	1395	$\frac{7}{279}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{155}\ \Phi_{15}$
60972	1088	327	$\frac{5}{109}$	$\frac{13}{109}$	$\frac{24}{109}$	$\frac{1}{3}$	$\Phi_{327}^5\ \Phi_3^4$
60973	1088	105	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^{16}\ \Phi_{21}^{16}\ \Phi_{15}^{13}\ \Phi_3^{12}$
60974	1088	675	$\frac{4}{135}$	$\frac{131}{675}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{15}$
60975	1088	405	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{405}^4\ \Phi_{135}^2\ \Phi_{45}^2\ \Phi_{15}^3\ \Phi_5^2$
60976	1088	315	$\frac{2}{45}$	$\frac{43}{315}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}\ \Phi_7^4$
60977	1088	285	$\frac{13}{285}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{285}^4\ \Phi_{95}^4\ \Phi_{57}^4\ \Phi_{19}^4\ \Phi_{15}$
60978	1088	135	$\frac{7}{135}$	$\frac{16}{135}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{135}^8\ \Phi_{45}^8\ \Phi_{27}^8\ \Phi_{15}^9\ \Phi_9^8\ \Phi_5^8\ \Phi_3^8\ \Phi_1^8$
60979	1088	90	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{90}^{16}\ \Phi_{45}^{14}\ \Phi_{30}^{16}\ \Phi_{15}^{15}\ \Phi_{10}^{16}\ \Phi_5^{14}$
60980	1088	75	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{75}^{16}\ \Phi_{25}^{16}\ \Phi_{15}^9\ \Phi_5^8\ \Phi_3^8\ \Phi_1^8$
60981	1088	585	$\frac{41}{585}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{117}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{15}\ \Phi_{13}^2$
60982	1088	1485	$\frac{2}{27}$	$\frac{25}{297}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{165}\ \Phi_{55}\ \Phi_{15}$
60983	1088	1755	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{79}{351}$	$\frac{38}{117}$	$\Phi_{1755}\ \Phi_{195}\ \Phi_{135}\ \Phi_{65}\ \Phi_{15}$
60984	1088	1995	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{127}{399}$	$\Phi_{1995}\ \Phi_{285}\ \Phi_{105}\ \Phi_{35}\ \Phi_{15}$
60985	1088	315	$\frac{1}{21}$	$\frac{43}{315}$	$\frac{1}{5}$	$\frac{20}{63}$	$\Phi_{315}^3\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{45}^3\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
60986	1088	195	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{5}$	$\frac{59}{195}$	$\Phi_{195}^8\ \Phi_{65}\ \Phi_{39}^8\ \Phi_{15}^8\ \Phi_3^8$
60987	1088	168	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{5}{21}$	$\frac{7}{24}$	$\Phi_{168}^6\ \Phi_{84}^6\ \Phi_{56}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{24}^7\ \Phi_{21}^9\ \Phi_{14}^6\ \Phi_{12}^7\ \Phi_8^6\ \Phi_7^9\ \Phi_6^7\ \Phi_4^6\ \Phi_3^{10}\ \Phi_2^6\ \Phi_1^{10}$
60988	1088	2040	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{85}$
60989	1088	840	$\frac{3}{35}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{168}\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
60990	1088	72	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{72}^{14}\ \Phi_{36}^{14}\ \Phi_{24}^{15}\ \Phi_{18}^{14}\ \Phi_{12}^{15}\ \Phi_9^{21}\ \Phi_8^{14}\ \Phi_6^{15}\ \Phi_4^{14}\ \Phi_3^{22}\ \Phi_2^{14}\ \Phi_1^{22}$
60991	1088	90	$\frac{1}{18}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{90}^{13}\ \Phi_{45}^{11}\ \Phi_{30}^{13}\ \Phi_{18}^{12}\ \Phi_{15}^{13}\ \Phi_{10}^{13}\ \Phi_9^{10}\ \Phi_6^{12}\ \Phi_5^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
60992	1088	945	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{1}{5}$	$\frac{53}{189}$	$\Phi_{945}^2\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{35}\ \Phi_{15}$
60993	1088	495	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{495}^3\ \Phi_{165}\ \Phi_{99}^3\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{15}\ \Phi_9^2$
60994	1088	450	$\frac{1}{18}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{450}^3\ \Phi_{225}^3\ \Phi_{150}^3\ \Phi_{90}\ \Phi_{75}^2\ \Phi_{50}^3\ \Phi_{45}\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{10}$
60995	1088	455	$\frac{3}{91}$	$\frac{1}{5}$	$\frac{22}{91}$	$\frac{23}{91}$	$\Phi_{455}^3\ \Phi_{65}^3\ \Phi_{35}^3\ \Phi_5^2$
60996	1088	420	$\frac{1}{21}$	$\frac{3}{20}$	$\frac{5}{21}$	$\frac{1}{4}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{21}^3\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_7^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
60997	1088	340	$\frac{1}{17}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{340}^3\ \Phi_{170}^3\ \Phi_{85}^4\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{17}^4$
60998	1088	140	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{140}^7\ \Phi_{70}^7\ \Phi_{35}^9\ \Phi_{28}^8\ \Phi_{20}^8\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_7^9\ \Phi_5^{10}\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{10}$
60999	1088	180	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{180}^7\ \Phi_{90}^7\ \Phi_{60}^7\ \Phi_{45}^7\ \Phi_{30}^7\ \Phi_{20}^8\ \Phi_{15}^7\ \Phi_{10}^8\ \Phi_9^7\ \Phi_5^8\ \Phi_3^7\ \Phi_1^8$
61000	1088	335	$\frac{3}{67}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{16}{67}$	$\Phi_{335}^3\ \Phi_{67}^4\ \Phi_5^6\ \Phi_1^8$
61001	1088	1087	$\frac{51}{1087}$	$\frac{207}{1087}$	$\frac{220}{1087}$	$\frac{259}{1087}$	$\Phi_{1087}\ \Phi_1^2$
61002	1088	105	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{1}{5}$	$\frac{5}{21}$	$\Phi_{105}^{13}\ \Phi_{35}^{13}\ \Phi_{15}^{13}\ \Phi_5^{12}$
61003	1088	195	$\frac{1}{13}$	$\frac{5}{39}$	$\frac{1}{5}$	$\frac{3}{13}$	$\Phi_{195}^8\ \Phi_{65}^5\ \Phi_{15}^8\ \Phi_5^4$
61004	1088	682	$\frac{1}{11}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{5}{22}$	$\Phi_{682}^2\ \Phi_{341}\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{22}^4\ \Phi_{11}^2\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
61005	1088	990	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{5}{22}$	$\Phi_{990}^{2}\ \Phi_{495}\ \Phi_{330}^{2}\ \Phi_{165}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}$
61006	1088	90	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{90}^{13}\ \Phi_{45}^{13}\ \Phi_{30}^{13}\ \Phi_{18}^{12}\ \Phi_{15}^{13}\ \Phi_{10}^{13}\ \Phi_{9}^{12}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}$
61007	1088	325	$\frac{1}{13}$	$\frac{53}{325}$	$\frac{12}{65}$	$\frac{1}{5}$	$\Phi_{325}^{4}\ \Phi_{65}\ \Phi_{25}^{4}$
61008	1088	195	$\frac{4}{39}$	$\frac{5}{39}$	$\frac{7}{39}$	$\frac{1}{5}$	$\Phi_{195}^{7}\ \Phi_{65}^{7}\ \Phi_{15}^{7}\ \Phi_{5}^{6}$
61009	1089	1456	$\frac{3}{364}$	$\frac{1}{4}$	$\frac{367}{1456}$	$\frac{361}{728}$	$\Phi_{1456}\ \Phi_{364}\ \Phi_{208}\ \Phi_{182}\ \Phi_{112}\ \Phi_{91}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{16}\ \Phi_{14}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}$
61010	1089	240	$\frac{1}{120}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{119}{240}$	$\Phi_{240}\ \Phi_{120}^{8}\ \Phi_{80}\ \Phi_{60}^{8}\ \Phi_{48}\ \Phi_{40}^{8}\ \Phi_{30}^{8}\ \Phi_{24}^{8}\ \Phi_{20}^{8}\ \Phi_{16}^{2}\ \Phi_{15}^{8}\ \Phi_{12}^{8}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
61011	1089	240	$\frac{1}{120}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{119}{240}$	$\Phi_{240}^{9}\ \Phi_{80}^{9}\ \Phi_{48}^{9}\ \Phi_{16}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61012	1089	980	$\frac{1}{98}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{97}{196}$	$\Phi_{490}^{2}\ \Phi_{245}^{2}\ \Phi_{196}\ \Phi_{98}^{2}\ \Phi_{70}^{2}\ \Phi_{49}^{2}\ \Phi_{35}^{2}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61013	1089	2940	$\frac{1}{98}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{97}{196}$	$\Phi_{2940}\ \Phi_{588}\ \Phi_{420}\ \Phi_{196}\ \Phi_{84}\ \Phi_{60}\ \Phi_{28}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
61014	1089	2048	$\frac{1}{64}$	$\frac{65}{1024}$	$\frac{959}{2048}$	$\frac{63}{128}$	$\Phi_{2048}\ \Phi_{128}\ \Phi_{1}$
61015	1089	512	$\frac{1}{64}$	$\frac{65}{512}$	$\frac{149}{512}$	$\frac{63}{128}$	$\Phi_{512}^{2}\ \Phi_{256}^{2}\ \Phi_{128}^{3}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61016	1089	1280	$\frac{1}{64}$	$\frac{191}{1280}$	$\frac{65}{256}$	$\frac{63}{128}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
61017	1089	476	$\frac{2}{119}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{117}{238}$	$\Phi_{476}^{3}\ \Phi_{119}^{3}\ \Phi_{68}^{3}\ \Phi_{28}^{4}\ \Phi_{17}^{3}\ \Phi_{14}\ \Phi_{7}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
61018	1089	416	$\frac{1}{52}$	$\frac{53}{416}$	$\frac{1}{4}$	$\frac{51}{104}$	$\Phi_{416}^{3}\ \Phi_{208}^{3}\ \Phi_{52}^{3}\ \Phi_{32}^{3}\ \Phi_{26}^{3}\ \Phi_{16}^{3}\ \Phi_{13}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61019	1089	2128	$\frac{25}{1064}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1039}{2128}$	$\Phi_{2128}\ \Phi_{304}\ \Phi_{112}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
61020	1089	64	$\frac{1}{32}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{31}{64}$	$\Phi_{64}^{2}\ \Phi_{32}^{32}\ \Phi_{16}^{32}\ \Phi_{8}^{32}\ \Phi_{4}^{32}\ \Phi_{2}^{32}\ \Phi_{1}^{33}$
61021	1089	64	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{31}{64}$	$\Phi_{64}^{33}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61022	1089	192	$\frac{1}{32}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{192}^{12}\ \Phi_{64}^{9}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61023	1089	320	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{31}{64}$	$\Phi_{320}^{8}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
61024	1089	468	$\frac{4}{117}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{113}{234}$	$\Phi_{468}^{3}\ \Phi_{156}^{3}\ \Phi_{117}^{3}\ \Phi_{52}^{4}\ \Phi_{39}^{3}\ \Phi_{36}^{3}\ \Phi_{26}\ \Phi_{13}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
61025	1089	392	$\frac{1}{28}$	$\frac{29}{392}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{392}^{3}\ \Phi_{196}^{3}\ \Phi_{98}^{3}\ \Phi_{49}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61026	1089	700	$\frac{13}{350}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{337}{700}$	$\Phi_{700}\ \Phi_{350}^{2}\ \Phi_{175}^{2}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}^{2}\ \Phi_{50}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{3}\ \Phi_{25}^{2}\ \Phi_{20}\ \Phi_{14}^{3}\ \Phi_{10}^{2}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61027	1089	1472	$\frac{15}{368}$	$\frac{1}{16}$	$\frac{383}{1472}$	$\frac{353}{736}$	$\Phi_{1472}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{64}\ \Phi_{46}\ \Phi_{23}\ \Phi_{1}$
61028	1089	1140	$\frac{4}{95}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{91}{190}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}^{2}\ \Phi_{57}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{19}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
61029	1089	2080	$\frac{49}{1040}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{991}{2080}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{160}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
61030	1089	120	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{7}{40}$	$\frac{19}{40}$	$\Phi_{120}^{8}\ \Phi_{60}^{12}\ \Phi_{40}^{6}\ \Phi_{30}^{12}\ \Phi_{24}^{8}\ \Phi_{20}^{9}\ \Phi_{15}^{12}\ \Phi_{12}^{11}\ \Phi_{10}^{9}\ \Phi_{8}^{6}\ \Phi_{6}^{11}\ \Phi_{5}^{9}\ \Phi_{4}^{8}\ \Phi_{3}^{11}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
61031	1089	104	$\frac{5}{104}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{104}^{10}\ \Phi_{52}^{11}\ \Phi_{26}^{11}\ \Phi_{13}^{11}\ \Phi_{8}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
61032	1089	680	$\frac{1}{34}$	$\frac{23}{340}$	$\frac{11}{34}$	$\frac{317}{680}$	$\Phi_{680}^{3}\ \Phi_{136}^{3}\ \Phi_{40}^{3}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{8}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61033	1089	680	$\frac{1}{17}$	$\frac{23}{340}$	$\frac{16}{85}$	$\frac{317}{680}$	$\Phi_{680}^{3}\ \Phi_{136}^{3}\ \Phi_{85}\ \Phi_{40}^{3}\ \Phi_{8}^{3}\ \Phi_{5}\ \Phi_{1}$
61034	1089	442	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{79}{442}$	$\frac{205}{442}$	$\Phi_{442}^{2}\ \Phi_{221}^{3}\ \Phi_{34}^{2}\ \Phi_{26}^{2}\ \Phi_{17}^{2}\ \Phi_{13}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61035	1089	676	$\frac{1}{26}$	$\frac{25}{338}$	$\frac{1}{4}$	$\frac{313}{676}$	$\Phi_{676}\ \Phi_{338}^{2}\ \Phi_{169}^{2}\ \Phi_{52}^{3}\ \Phi_{26}^{3}\ \Phi_{13}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61036	1089	224	$\frac{1}{28}$	$\frac{9}{112}$	$\frac{1}{4}$	$\frac{103}{224}$	$\Phi_{224}^{9}\ \Phi_{32}^{9}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61037	1089	136	$\frac{1}{34}$	$\frac{3}{34}$	$\frac{37}{136}$	$\frac{31}{68}$	$\Phi_{136}^{11}\ \Phi_{34}^{10}\ \Phi_{17}^{10}\ \Phi_{8}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
61038	1089	980	$\frac{1}{49}$	$\frac{1}{10}$	$\frac{16}{49}$	$\frac{9}{20}$	$\Phi_{980}^{2}\ \Phi_{196}^{2}\ \Phi_{140}^{2}\ \Phi_{49}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
61039	1089	340	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{340}^{2}\ \Phi_{170}^{4}\ \Phi_{85}^{4}\ \Phi_{68}^{4}\ \Phi_{34}^{5}\ \Phi_{20}\ \Phi_{17}^{5}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61040	1089	140	$\frac{2}{35}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{140}^{14}\ \Phi_{35}^{3}\ \Phi_{28}^{14}\ \Phi_{20}^{15}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{15}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
61041	1089	560	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{112}$	$\frac{9}{20}$	$\Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{112}^{3}\ \Phi_{80}^{2}\ \Phi_{70}^{2}\ \Phi_{56}^{3}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}^{3}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61042	1089	980	$\frac{4}{49}$	$\frac{1}{10}$	$\frac{5}{49}$	$\frac{9}{20}$	$\Phi_{980}^{2}\ \Phi_{196}^{2}\ \Phi_{140}^{2}\ \Phi_{49}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
61043	1089	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{60}^{20}\ \Phi_{30}^{20}\ \Phi_{20}^{11}\ \Phi_{15}^{20}\ \Phi_{12}^{19}\ \Phi_{10}^{19}\ \Phi_{6}^{19}\ \Phi_{5}^{19}\ \Phi_{4}^{10}\ \Phi_{3}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
61044	1089	1120	$\frac{31}{1120}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
61045	1089	1968	$\frac{2}{123}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1968}\ \Phi_{656}\ \Phi_{123}\ \Phi_{41}\ \Phi_{16}\ \Phi_{1}$
61046	1089	720	$\frac{1}{60}$	$\frac{1}{8}$	$\frac{59}{180}$	$\frac{7}{16}$	$\Phi_{720}^{4}\ \Phi_{180}\ \Phi_{144}^{4}\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
61047	1089	496	$\frac{3}{124}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{496}^{4}\ \Phi_{124}\ \Phi_{62}\ \Phi_{31}\ \Phi_{16}\ \Phi_{1}$
61048	1089	160	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{39}{160}$	$\frac{7}{16}$	$\Phi_{160}^{9}\ \Phi_{80}\ \Phi_{40}^{8}\ \Phi_{32}^{9}\ \Phi_{20}^{8}\ \Phi_{16}^{2}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
61049	1089	2000	$\frac{4}{125}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{2000}\ \Phi_{400}\ \Phi_{125}\ \Phi_{25}\ \Phi_{16}\ \Phi_{1}$
61050	1089	1200	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{29}{150}$	$\frac{7}{16}$	$\Phi_{1200}^{2}\ \Phi_{400}^{2}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_{1}$
61051	1089	80	$\frac{3}{80}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{7}{16}$	$\Phi_{80}^{13}\ \Phi_{40}^{14}\ \Phi_{20}^{14}\ \Phi_{16}^{14}\ \Phi_{10}^{14}\ \Phi_{8}^{14}\ \Phi_{5}^{14}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
61052	1089	1008	$\frac{5}{126}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{1008}^{2}\ \Phi_{336}^{2}\ \Phi_{144}^{2}\ \Phi_{126}\ \Phi_{112}^{2}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
61053	1089	144	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{23}{144}$	$\frac{7}{16}$	$\Phi_{144}^{9}\ \Phi_{72}^{9}\ \Phi_{48}\ \Phi_{36}^{9}\ \Phi_{24}^{8}\ \Phi_{18}^{9}\ \Phi_{16}^{2}\ \Phi_{12}^{8}\ \Phi_{9}^{9}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
61054	1089	560	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{19}{140}$	$\frac{7}{16}$	$\Phi_{560}^{4}\ \Phi_{140}\ \Phi_{112}^{4}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
61055	1089	128	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{128}^{9}\ \Phi_{64}^{9}\ \Phi_{32}^{9}\ \Phi_{16}^{2}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
61056	1089	2160	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{144}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
61057	1089	1040	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1040}^{2}\ \Phi_{208}^{2}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
61058	1089	48	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{48}^{40}\ \Phi_{16}^{41}\ \Phi_{12}^{10}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
61059	1089	640	$\frac{1}{64}$	$\frac{43}{320}$	$\frac{21}{64}$	$\frac{277}{640}$	$\Phi_{640}^{3}\ \Phi_{128}^{3}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61060	1089	640	$\frac{1}{32}$	$\frac{43}{320}$	$\frac{31}{160}$	$\frac{277}{640}$	$\Phi_{640}^{3}\ \Phi_{160}\ \Phi_{128}^{3}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
61061	1089	448	$\frac{1}{32}$	$\frac{31}{224}$	$\frac{85}{448}$	$\frac{193}{448}$	$\Phi_{448}^{2}\ \Phi_{224}^{3}\ \Phi_{112}^{3}\ \Phi_{64}^{2}\ \Phi_{56}^{3}\ \Phi_{32}^{2}\ \Phi_{28}^{3}\ \Phi_{16}^{2}\ \Phi_{14}^{3}\ \Phi_{8}^{2}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61062	1089	208	$\frac{1}{52}$	$\frac{17}{104}$	$\frac{1}{4}$	$\frac{87}{208}$	$\Phi_{208}^{9}\ \Phi_{52}^{3}\ \Phi_{26}^{3}\ \Phi_{16}^{9}\ \Phi_{13}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61063	1089	512	$\frac{1}{64}$	$\frac{21}{128}$	$\frac{149}{512}$	$\frac{107}{256}$	$\Phi_{512}^{3}\ \Phi_{128}^{3}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61064	1089	1190	$\frac{1}{17}$	$\frac{101}{1190}$	$\frac{16}{85}$	$\frac{69}{170}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{238}\ \Phi_{119}\ \Phi_{85}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
61065	1089	1280	$\frac{1}{32}$	$\frac{191}{1280}$	$\frac{31}{160}$	$\frac{129}{320}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{256}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
61066	1089	1792	$\frac{1}{32}$	$\frac{31}{224}$	$\frac{193}{896}$	$\frac{703}{1792}$	$\Phi_{1792}\ \Phi_{256}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
61067	1089	900	$\frac{1}{100}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{900}\ \Phi_{450}\ \Phi_{300}^{2}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}^{2}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}^{2}\ \Phi_{60}^{2}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
61068	1089	1768	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{205}{884}$	$\frac{679}{1768}$	$\Phi_{1768}\ \Phi_{221}\ \Phi_{136}\ \Phi_{104}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
61069	1089	480	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{19}{80}$	$\frac{61}{160}$	$\Phi_{480}^{4}\ \Phi_{160}^{3}\ \Phi_{96}^{4}\ \Phi_{60}^{4}\ \Phi_{32}^{3}\ \Phi_{30}^{4}\ \Phi_{20}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61070	1089	400	$\frac{1}{100}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{400}^{4}\ \Phi_{100}^{3}\ \Phi_{80}^{4}\ \Phi_{50}^{3}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61071	1089	368	$\frac{5}{368}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{368}^{3}\ \Phi_{184}^{3}\ \Phi_{92}^{3}\ \Phi_{46}^{3}\ \Phi_{23}^{3}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61072	1089	312	$\frac{5}{104}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^{4}\ \Phi_{156}^{4}\ \Phi_{104}^{3}\ \Phi_{78}^{4}\ \Phi_{52}^{3}\ \Phi_{39}^{4}\ \Phi_{26}^{3}\ \Phi_{13}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61073	1089	128	$\frac{7}{128}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{128}^{9}\ \Phi_{64}^{9}\ \Phi_{32}^{6}\ \Phi_{16}^{8}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
61074	1089	300	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{8}{25}$	$\frac{17}{50}$	$\Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{100}^{4}\ \Phi_{75}^{4}\ \Phi_{60}^{4}\ \Phi_{50}\ \Phi_{30}^{4}\ \Phi_{25}^{3}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
61075	1089	136	$\frac{1}{34}$	$\frac{15}{136}$	$\frac{11}{34}$	$\frac{23}{68}$	$\Phi_{136}^{9}\ \Phi_{68}^{6}\ \Phi_{34}^{8}\ \Phi_{17}^{8}\ \Phi_{8}^{9}\ \Phi_{4}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
61076	1089	364	$\frac{1}{91}$	$\frac{1}{4}$	$\frac{30}{91}$	$\frac{61}{182}$	$\Phi_{364}^{4}\ \Phi_{182}\ \Phi_{91}^{3}\ \Phi_{52}^{4}\ \Phi_{28}^{4}\ \Phi_{26}\ \Phi_{14}\ \Phi_{13}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
61077	1089	544	$\frac{1}{136}$	$\frac{45}{136}$	$\frac{181}{544}$	$\frac{91}{272}$	$\Phi_{544}^{3}\ \Phi_{136}^{2}\ \Phi_{68}^{2}\ \Phi_{34}^{2}\ \Phi_{32}^{3}\ \Phi_{17}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61078	1089	492	$\frac{2}{123}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{492}^{2}\ \Phi_{246}^{2}\ \Phi_{164}^{2}\ \Phi_{123}^{3}\ \Phi_{82}^{2}\ \Phi_{41}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61079	1089	180	$\frac{1}{60}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{59}{180}$	$\Phi_{180}^{9}\ \Phi_{90}^{9}\ \Phi_{45}^{9}\ \Phi_{36}^{9}\ \Phi_{18}^{9}\ \Phi_{9}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61080	1089	156	$\frac{1}{52}$	$\frac{35}{156}$	$\frac{1}{4}$	$\frac{17}{52}$	$\Phi_{156}^{9}\ \Phi_{78}^{9}\ \Phi_{52}^{3}\ \Phi_{39}^{9}\ \Phi_{26}^{3}\ \Phi_{13}^{3}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{2}\ \Phi_{3}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61081	1089	735	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{16}{49}$	$\Phi_{735}^{2}\ \Phi_{147}^{2}\ \Phi_{105}^{2}\ \Phi_{49}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{3}\ \Phi_{7}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
61082	1089	170	$\frac{1}{34}$	$\frac{23}{170}$	$\frac{49}{170}$	$\frac{11}{34}$	$\Phi_{170}^{6}\ \Phi_{85}^{6}\ \Phi_{34}^{8}\ \Phi_{17}^{8}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
61083	1089	140	$\frac{1}{28}$	$\frac{19}{140}$	$\frac{1}{4}$	$\frac{9}{28}$	$\Phi_{140}^{9}\ \Phi_{70}^{9}\ \Phi_{35}^{9}\ \Phi_{28}^{3}\ \Phi_{20}^{9}\ \Phi_{14}^{3}\ \Phi_{10}^{9}\ \Phi_{7}^{3}\ \Phi_{5}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61084	1089	532	$\frac{25}{532}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{169}{532}$	$\Phi_{532}^{2}\ \Phi_{266}^{2}\ \Phi_{133}^{2}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{28}^{3}\ \Phi_{19}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61085	1089	136	$\frac{7}{136}$	$\frac{15}{136}$	$\frac{31}{136}$	$\frac{43}{136}$	$\Phi_{136}^{8}\ \Phi_{68}^{8}\ \Phi_{34}^{8}\ \Phi_{17}^{8}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
61086	1089	16	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{5}{16}$	$\Phi_{16}^{68}\ \Phi_{8}^{68}\ \Phi_{4}^{68}\ \Phi_{2}^{68}\ \Phi_{1}^{69}$
61087	1089	48	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{48}^{24}\ \Phi_{24}^{24}\ \Phi_{16}^{18}\ \Phi_{12}^{27}\ \Phi_{8}^{18}\ \Phi_{6}^{27}\ \Phi_{4}^{20}\ \Phi_{3}^{27}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
61088	1089	128	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{29}{128}$	$\frac{5}{16}$	$\Phi_{128}^{11}\ \Phi_{64}^{11}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61089	1089	112	$\frac{1}{16}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{5}{16}$	$\Phi_{112}^{11}\ \Phi_{56}^{11}\ \Phi_{28}^{11}\ \Phi_{16}^{2}\ \Phi_{14}^{11}\ \Phi_{8}^{2}\ \Phi_{7}^{11}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61090	1089	80	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{5}{16}$	$\Phi_{80}^{16}\ \Phi_{40}^{17}\ \Phi_{20}^{17}\ \Phi_{16}^{2}\ \Phi_{10}^{17}\ \Phi_{8}^{2}\ \Phi_{5}^{17}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61091	1089	300	$\frac{7}{100}$	$\frac{1}{12}$	$\frac{23}{100}$	$\frac{31}{100}$	$\Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{100}^{3}\ \Phi_{75}^{4}\ \Phi_{60}^{4}\ \Phi_{50}^{3}\ \Phi_{30}^{4}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61092	1089	260	$\frac{9}{130}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{260}^{6}\ \Phi_{130}^{3}\ \Phi_{65}^{3}\ \Phi_{52}^{4}\ \Phi_{26}\ \Phi_{20}^{6}\ \Phi_{13}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
61093	1089	272	$\frac{19}{272}$	$\frac{23}{272}$	$\frac{63}{272}$	$\frac{83}{272}$	$\Phi_{272}^{4}\ \Phi_{136}^{4}\ \Phi_{68}^{4}\ \Phi_{34}^{4}\ \Phi_{17}^{4}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
61094	1089	364	$\frac{23}{364}$	$\frac{31}{364}$	$\frac{1}{4}$	$\frac{111}{364}$	$\Phi_{364}^{3}\ \Phi_{182}^{3}\ \Phi_{91}^{3}\ \Phi_{52}^{3}\ \Phi_{28}^{3}\ \Phi_{26}^{3}\ \Phi_{14}^{3}\ \Phi_{13}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61095	1089	520	$\frac{3}{52}$	$\frac{49}{520}$	$\frac{1}{4}$	$\frac{157}{520}$	$\Phi_{520}^{2}\ \Phi_{260}^{2}\ \Phi_{130}^{2}\ \Phi_{104}^{2}\ \Phi_{65}^{2}\ \Phi_{52}^{3}\ \Phi_{40}^{2}\ \Phi_{26}^{3}\ \Phi_{20}^{2}\ \Phi_{13}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61096	1089	120	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{120}^{12}\ \Phi_{60}^{8}\ \Phi_{40}^{9}\ \Phi_{30}^{8}\ \Phi_{24}^{12}\ \Phi_{20}^{5}\ \Phi_{15}^{8}\ \Phi_{12}^{7}\ \Phi_{10}^{7}\ \Phi_{8}^{9}\ \Phi_{6}^{7}\ \Phi_{5}^{7}\ \Phi_{4}^{4}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
61097	1089	170	$\frac{1}{17}$	$\frac{23}{170}$	$\frac{16}{85}$	$\frac{49}{170}$	$\Phi_{170}^{6}\ \Phi_{85}^{7}\ \Phi_{34}^{6}\ \Phi_{17}^{6}\ \Phi_{10}^{6}\ \Phi_{5}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
61098	1089	252	$\frac{5}{126}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{252}^{6}\ \Phi_{126}^{3}\ \Phi_{84}^{6}\ \Phi_{63}^{3}\ \Phi_{42}^{6}\ \Phi_{36}^{6}\ \Phi_{28}^{4}\ \Phi_{21}^{3}\ \Phi_{18}^{3}\ \Phi_{14}\ \Phi_{12}^{6}\ \Phi_{9}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
61099	1089	168	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{1}{4}$	$\frac{47}{168}$	$\Phi_{168}^{9}\ \Phi_{84}^{9}\ \Phi_{42}^{9}\ \Phi_{28}^{3}\ \Phi_{24}^{9}\ \Phi_{21}^{9}\ \Phi_{14}^{3}\ \Phi_{12}^{9}\ \Phi_{7}^{3}\ \Phi_{6}^{9}\ \Phi_{4}^{2}\ \Phi_{3}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61100	1089	425	$\frac{1}{17}$	$\frac{62}{425}$	$\frac{16}{85}$	$\frac{23}{85}$	$\Phi_{425}^{3}\ \Phi_{85}\ \Phi_{25}^{3}\ \Phi_{5}\ \Phi_{1}$
61101	1089	160	$\frac{1}{32}$	$\frac{31}{160}$	$\frac{39}{160}$	$\frac{43}{160}$	$\Phi_{160}^{7}\ \Phi_{80}^{7}\ \Phi_{40}^{7}\ \Phi_{32}^{6}\ \Phi_{20}^{7}\ \Phi_{16}^{6}\ \Phi_{10}^{7}\ \Phi_{8}^{6}\ \Phi_{5}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
61102	1089	1020	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1020}^{2}\ \Phi_{510}\ \Phi_{255}\ \Phi_{204}^{2}\ \Phi_{102}\ \Phi_{68}^{2}\ \Phi_{60}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
61103	1089	105	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{105}^{14}\ \Phi_{35}^{3}\ \Phi_{21}^{14}\ \Phi_{15}^{15}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{15}\ \Phi_{1}^{3}$
61104	1089	1680	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{28}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
61105	1089	735	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{735}^{2}\ \Phi_{147}^{2}\ \Phi_{105}^{2}\ \Phi_{49}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{3}\ \Phi_{7}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
61106	1089	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{60}^{20}\ \Phi_{30}^{15}\ \Phi_{20}^{20}\ \Phi_{15}^{16}\ \Phi_{12}^{19}\ \Phi_{10}^{19}\ \Phi_{6}^{14}\ \Phi_{5}^{19}\ \Phi_{4}^{19}\ \Phi_{3}^{15}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
61107	1089	124	$\frac{3}{124}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{124}^{9}\ \Phi_{62}^{9}\ \Phi_{31}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61108	1089	160	$\frac{1}{40}$	$\frac{39}{160}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{160}^{9}\ \Phi_{80}^{9}\ \Phi_{32}^{9}\ \Phi_{16}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61109	1089	500	$\frac{4}{125}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{500}^{2}\ \Phi_{250}^{2}\ \Phi_{125}^{3}\ \Phi_{100}^{2}\ \Phi_{50}^{2}\ \Phi_{25}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61110	1089	300	$\frac{1}{30}$	$\frac{29}{150}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{300}^{4}\ \Phi_{150}^{5}\ \Phi_{100}^{4}\ \Phi_{75}^{5}\ \Phi_{50}^{5}\ \Phi_{25}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
61111	1089	252	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{252}^{4}\ \Phi_{126}^{5}\ \Phi_{84}^{4}\ \Phi_{63}^{5}\ \Phi_{42}^{5}\ \Phi_{36}^{4}\ \Phi_{28}^{4}\ \Phi_{21}^{5}\ \Phi_{18}^{5}\ \Phi_{14}^{5}\ \Phi_{9}^{5}\ \Phi_{7}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
61112	1089	144	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{144}^{9}\,\Phi_{72}^{9}\,\Phi_{48}^{9}\,\Phi_{36}^{9}\,\Phi_{18}^{9}\,\Phi_{16}^{9}\,\Phi_{9}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
61113	1089	380	$\frac{17}{380}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{380}^{3}\,\Phi_{190}^{3}\,\Phi_{95}^{3}\,\Phi_{76}^{3}\,\Phi_{38}^{3}\,\Phi_{19}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
61114	1089	140	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^{9}\,\Phi_{70}^{9}\,\Phi_{35}^{9}\,\Phi_{28}^{9}\,\Phi_{14}^{9}\,\Phi_{7}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
61115	1089	128	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{128}^{9}\,\Phi_{64}^{9}\,\Phi_{32}^{9}\,\Phi_{16}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
61116	1089	540	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{540}^{2}\,\Phi_{270}^{2}\,\Phi_{180}^{2}\,\Phi_{135}^{3}\,\Phi_{108}^{2}\,\Phi_{90}^{2}\,\Phi_{54}^{2}\,\Phi_{45}^{3}\,\Phi_{36}^{2}\,\Phi_{27}^{3}\,\Phi_{18}^{2}\,\Phi_{9}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
61117	1089	260	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{260}^{4}\,\Phi_{130}^{5}\,\Phi_{65}^{5}\,\Phi_{52}^{4}\,\Phi_{26}^{5}\,\Phi_{13}^{5}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
61118	1089	400	$\frac{3}{40}$	$\frac{37}{400}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{400}^{3}\,\Phi_{200}^{3}\,\Phi_{100}^{3}\,\Phi_{80}^{3}\,\Phi_{50}^{3}\,\Phi_{25}^{3}\,\Phi_{16}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
61119	1089	12	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{12}^{90}\,\Phi_{6}^{90}\,\Phi_{4}^{92}\,\Phi_{3}^{90}\,\Phi_{2}^{92}\,\Phi_{1}^{93}$
61120	1089	448	$\frac{1}{28}$	$\frac{85}{448}$	$\frac{27}{112}$	$\frac{1}{4}$	$\Phi_{448}^{3}\,\Phi_{224}^{3}\,\Phi_{64}^{3}\,\Phi_{32}^{3}\,\Phi_{28}^{3}\,\Phi_{14}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
61121	1089	476	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{113}{476}$	$\frac{1}{4}$	$\Phi_{476}^{2}\,\Phi_{238}^{2}\,\Phi_{119}^{3}\,\Phi_{68}^{2}\,\Phi_{34}^{2}\,\Phi_{28}^{3}\,\Phi_{17}^{3}\,\Phi_{14}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
61122	1089	416	$\frac{3}{52}$	$\frac{53}{416}$	$\frac{49}{208}$	$\frac{1}{4}$	$\Phi_{416}^{3}\,\Phi_{208}^{2}\,\Phi_{104}^{2}\,\Phi_{52}^{3}\,\Phi_{32}^{3}\,\Phi_{26}^{3}\,\Phi_{16}^{2}\,\Phi_{13}^{3}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
61123	1089	384	$\frac{1}{12}$	$\frac{3}{32}$	$\frac{29}{128}$	$\frac{1}{4}$	$\Phi_{384}^{4}\,\Phi_{192}^{4}\,\Phi_{128}^{3}\,\Phi_{64}^{3}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
61124	1089	156	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{35}{156}$	$\frac{1}{4}$	$\Phi_{156}^{6}\,\Phi_{78}^{6}\,\Phi_{52}^{7}\,\Phi_{39}^{9}\,\Phi_{26}^{7}\,\Phi_{13}^{9}\,\Phi_{12}^{6}\,\Phi_{6}^{6}\,\Phi_{4}^{6}\,\Phi_{3}^{9}\,\Phi_{2}^{6}\,\Phi_{1}^{9}$
61125	1089	140	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{140}^{11}\,\Phi_{70}^{4}\,\Phi_{35}^{7}\,\Phi_{28}^{8}\,\Phi_{20}^{11}\,\Phi_{14}^{3}\,\Phi_{10}^{4}\,\Phi_{7}^{5}\,\Phi_{5}^{7}\,\Phi_{4}^{7}\,\Phi_{2}^{2}\,\Phi_{1}^{5}$
61126	1089	1300	$\frac{3}{52}$	$\frac{211}{1300}$	$\frac{49}{260}$	$\frac{1}{4}$	$\Phi_{1300}\,\Phi_{650}\,\Phi_{325}\,\Phi_{100}\,\Phi_{52}\,\Phi_{50}\,\Phi_{26}\,\Phi_{25}\,\Phi_{13}\,\Phi_{1}$
61127	1089	336	$\frac{1}{12}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{336}^{4}\,\Phi_{168}^{4}\,\Phi_{112}^{3}\,\Phi_{84}^{4}\,\Phi_{56}^{3}\,\Phi_{42}^{4}\,\Phi_{28}^{3}\,\Phi_{21}^{4}\,\Phi_{14}^{3}\,\Phi_{12}^{3}\,\Phi_{7}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
61128	1089	140	$\frac{1}{14}$	$\frac{19}{140}$	$\frac{13}{70}$	$\frac{1}{4}$	$\Phi_{140}^{7}\,\Phi_{70}^{8}\,\Phi_{35}^{8}\,\Phi_{28}^{9}\,\Phi_{20}^{7}\,\Phi_{14}^{9}\,\Phi_{10}^{8}\,\Phi_{7}^{9}\,\Phi_{5}^{8}\,\Phi_{4}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
61129	1089	120	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{120}^{12}\,\Phi_{60}^{12}\,\Phi_{40}^{9}\,\Phi_{30}^{12}\,\Phi_{20}^{9}\,\Phi_{15}^{12}\,\Phi_{12}^{3}\,\Phi_{10}^{9}\,\Phi_{6}^{3}\,\Phi_{5}^{9}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
61130	1089	136	$\frac{15}{136}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{34}$	$\Phi_{136}^{9}\,\Phi_{68}^{9}\,\Phi_{34}^{4}\,\Phi_{17}^{6}\,\Phi_{8}^{9}\,\Phi_{4}^{9}\,\Phi_{2}^{4}\,\Phi_{1}^{7}$
61131	1089	1360	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{271}{1360}$	$\frac{69}{340}$	$\Phi_{1360}\,\Phi_{680}\,\Phi_{272}\,\Phi_{136}\,\Phi_{85}\,\Phi_{80}\,\Phi_{40}\,\Phi_{16}\,\Phi_{8}\,\Phi_{5}\,\Phi_{1}$
61132	1089	40	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{7}{40}$	$\Phi_{40}^{26}\,\Phi_{20}^{26}\,\Phi_{10}^{26}\,\Phi_{8}^{32}\,\Phi_{5}^{26}\,\Phi_{4}^{32}\,\Phi_{2}^{32}\,\Phi_{1}^{33}$
61133	1090	1086	$\frac{2}{543}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{541}{1086}$	$\Phi_{1086}^{2}\,\Phi_{362}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
61134	1090	1736	$\frac{1}{217}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{108}{217}$	$\Phi_{1736}\,\Phi_{248}\,\Phi_{217}\,\Phi_{56}\,\Phi_{31}\,\Phi_{8}^{2}\,\Phi_{7}\,\Phi_{1}^{2}$
61135	1090	2184	$\frac{1}{182}$	$\frac{183}{728}$	$\frac{1}{3}$	$\frac{181}{364}$	$\Phi_{2184}\,\Phi_{546}\,\Phi_{312}\,\Phi_{273}\,\Phi_{168}\,\Phi_{78}\,\Phi_{42}\,\Phi_{39}\,\Phi_{24}\,\Phi_{21}\,\Phi_{6}$
61136	1090	968	$\frac{1}{121}$	$\frac{61}{484}$	$\frac{423}{968}$	$\frac{60}{121}$	$\Phi_{968}^{2}\,\Phi_{121}\,\Phi_{88}^{2}\,\Phi_{11}\,\Phi_{8}^{2}\,\Phi_{1}^{2}$
61137	1090	726	$\frac{1}{121}$	$\frac{181}{726}$	$\frac{61}{242}$	$\frac{60}{121}$	$\Phi_{726}^{2}\,\Phi_{363}^{2}\,\Phi_{121}\,\Phi_{66}^{2}\,\Phi_{33}^{2}\,\Phi_{11}\,\Phi_{6}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
61138	1090	216	$\frac{1}{108}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{107}{216}$	$\Phi_{216}^{10}\,\Phi_{72}^{10}\,\Phi_{24}^{10}\,\Phi_{9}\,\Phi_{8}^{10}\,\Phi_{3}\,\Phi_{1}^{2}$
61139	1090	216	$\frac{1}{108}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{107}{216}$	$\Phi_{216}^{10}\,\Phi_{72}^{10}\,\Phi_{24}^{10}\,\Phi_{8}^{10}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
61140	1090	198	$\frac{1}{99}$	$\frac{10}{99}$	$\frac{89}{198}$	$\frac{49}{99}$	$\Phi_{198}^{10}\,\Phi_{99}\,\Phi_{66}^{10}\,\Phi_{33}\,\Phi_{22}^{10}\,\Phi_{18}^{10}\,\Phi_{11}\,\Phi_{9}\,\Phi_{6}^{10}\,\Phi_{3}\,\Phi_{2}^{10}\,\Phi_{1}^{2}$
61141	1090	1078	$\frac{6}{539}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{533}{1078}$	$\Phi_{1078}^{2}\,\Phi_{154}^{2}\,\Phi_{98}^{2}\,\Phi_{22}^{2}\,\Phi_{14}^{2}\,\Phi_{11}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
61142	1090	3234	$\frac{6}{539}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{533}{1078}$	$\Phi_{3234}\,\Phi_{462}\,\Phi_{294}\,\Phi_{66}\,\Phi_{42}\,\Phi_{21}\,\Phi_{6}$
61143	1090	624	$\frac{1}{78}$	$\frac{79}{624}$	$\frac{1}{3}$	$\frac{77}{156}$	$\Phi_{624}^{2}\,\Phi_{312}^{2}\,\Phi_{208}^{2}\,\Phi_{104}^{2}\,\Phi_{78}^{2}\,\Phi_{48}^{2}\,\Phi_{39}^{2}\,\Phi_{26}^{2}\,\Phi_{24}^{2}\,\Phi_{16}^{2}\,\Phi_{13}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
61144	1090	438	$\frac{1}{73}$	$\frac{1}{6}$	$\frac{37}{146}$	$\frac{36}{73}$	$\Phi_{438}^{3}\,\Phi_{219}^{3}\,\Phi_{146}\,\Phi_{73}^{2}\,\Phi_{6}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
61145	1090	1071	$\frac{19}{1071}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{526}{1071}$	$\Phi_{1071}\,\Phi_{357}\,\Phi_{153}\,\Phi_{119}\,\Phi_{63}\,\Phi_{51}\,\Phi_{21}^{2}\,\Phi_{17}\,\Phi_{9}\,\Phi_{7}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
61146	1090	3198	$\frac{12}{533}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{521}{1066}$	$\Phi_{3198}\,\Phi_{246}\,\Phi_{78}\,\Phi_{39}\,\Phi_{6}$
61147	1090	588	$\frac{1}{42}$	$\frac{43}{588}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{588}^{2}\,\Phi_{294}^{2}\,\Phi_{196}^{2}\,\Phi_{147}^{2}\,\Phi_{98}^{2}\,\Phi_{49}^{2}\,\Phi_{42}^{2}\,\Phi_{21}^{2}\,\Phi_{14}^{2}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
61148	1090	3192	$\frac{13}{532}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{519}{1064}$	$\Phi_{3192}\,\Phi_{456}\,\Phi_{168}\,\Phi_{42}\,\Phi_{24}\,\Phi_{21}\,\Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
61149	1090	1056	$\frac{1}{33}$	$\frac{17}{528}$	$\frac{511}{1056}$	$\frac{16}{33}$	$\Phi_{1056}^{2}\,\Phi_{352}^{2}\,\Phi_{96}^{2}\,\Phi_{33}\,\Phi_{32}^{2}\,\Phi_{11}\,\Phi_{3}\,\Phi_{1}^{2}$
61150	1090	792	$\frac{1}{33}$	$\frac{17}{264}$	$\frac{247}{792}$	$\frac{16}{33}$	$\Phi_{792}^{2}\,\Phi_{396}^{2}\,\Phi_{198}^{2}\,\Phi_{99}^{2}\,\Phi_{72}^{2}\,\Phi_{36}^{2}\,\Phi_{33}\,\Phi_{18}^{2}\,\Phi_{11}\,\Phi_{9}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
61151	1090	594	$\frac{1}{33}$	$\frac{49}{594}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{594}^{2}\,\Phi_{297}^{2}\,\Phi_{198}^{2}\,\Phi_{99}^{2}\,\Phi_{54}^{2}\,\Phi_{33}\,\Phi_{27}^{2}\,\Phi_{18}^{2}\,\Phi_{11}\,\Phi_{9}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
61152	1090	132	$\frac{1}{33}$	$\frac{17}{132}$	$\frac{23}{132}$	$\frac{16}{33}$	$\Phi_{132}^{8}\,\Phi_{66}^{8}\,\Phi_{44}^{8}\,\Phi_{33}^{9}\,\Phi_{22}^{8}\,\Phi_{12}^{8}\,\Phi_{11}^{9}\,\Phi_{6}^{8}\,\Phi_{4}^{8}\,\Phi_{3}^{9}\,\Phi_{2}^{8}\,\Phi_{1}^{10}$
61153	1090	1056	$\frac{17}{528}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{511}{1056}$	$\Phi_{1056}^{2}\,\Phi_{352}^{2}\,\Phi_{96}^{2}\,\Phi_{32}^{2}\,\Phi_{22}^{2}\,\Phi_{11}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
61154	1090	1053	$\frac{37}{1053}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{508}{1053}$	$\Phi_{1053}\,\Phi_{351}\,\Phi_{117}\,\Phi_{81}\,\Phi_{39}^{2}\,\Phi_{27}\,\Phi_{13}^{2}\,\Phi_{9}\,\Phi_{3}\,\Phi_{1}^{2}$
61155	1090	210	$\frac{4}{105}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{101}{210}$	$\Phi_{210}^{10}\,\Phi_{70}^{10}\,\Phi_{42}^{10}\,\Phi_{30}^{10}\,\Phi_{21}^{2}\,\Phi_{14}^{10}\,\Phi_{10}^{10}\,\Phi_{7}^{2}\,\Phi_{6}^{10}\,\Phi_{3}\,\Phi_{2}^{10}\,\Phi_{1}^{2}$
61156	1090	2310	$\frac{4}{105}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{101}{210}$	$\Phi_{2310}\,\Phi_{770}\,\Phi_{462}\,\Phi_{330}\,\Phi_{154}\,\Phi_{110}\,\Phi_{66}\,\Phi_{55}\,\Phi_{22}$
61157	1090	1716	$\frac{1}{26}$	$\frac{27}{572}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{1716}\,\Phi_{858}\,\Phi_{429}\,\Phi_{132}\,\Phi_{78}\,\Phi_{66}\,\Phi_{39}\,\Phi_{33}\,\Phi_{6}$
61158	1090	209	$\frac{9}{209}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{100}{209}$	$\Phi_{209}^{5}\,\Phi_{19}^{5}\,\Phi_{11}^{9}\,\Phi_{1}^{10}$
61159	1090	132	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{23}{132}$	$\frac{21}{44}$	$\Phi_{132}^{10}\,\Phi_{66}^{10}\,\Phi_{33}^{10}\,\Phi_{22}^{10}\,\Phi_{12}^{10}\,\Phi_{11}^{9}\,\Phi_{6}^{10}\,\Phi_{3}^{10}\,\Phi_{2}^{10}\,\Phi_{1}^{10}$
61160	1090	624	$\frac{1}{26}$	$\frac{5}{104}$	$\frac{1}{3}$	$\frac{99}{208}$	$\Phi_{624}^{5}\,\Phi_{78}\,\Phi_{48}^{5}\,\Phi_{39}\,\Phi_{6}$
61161	1090	336	$\frac{3}{112}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{336}^{5}\,\Phi_{168}^{5}\,\Phi_{84}^{4}\,\Phi_{48}^{5}\,\Phi_{42}^{5}\,\Phi_{24}^{5}\,\Phi_{21}^{5}\,\Phi_{12}^{4}\,\Phi_{6}^{5}\,\Phi_{3}^{4}$
61162	1090	1014	$\frac{1}{39}$	$\frac{38}{507}$	$\frac{1}{3}$	$\frac{469}{1014}$	$\Phi_{1014}^{2}\,\Phi_{338}^{2}\,\Phi_{78}^{2}\,\Phi_{39}^{2}\,\Phi_{26}^{2}\,\Phi_{13}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
61163	1090	1008	$\frac{1}{42}$	$\frac{41}{504}$	$\frac{1}{3}$	$\frac{463}{1008}$	$\Phi_{1008}^{2}\,\Phi_{336}^{2}\,\Phi_{144}^{2}\,\Phi_{112}^{2}\,\Phi_{48}^{2}\,\Phi_{42}^{2}\,\Phi_{21}^{2}\,\Phi_{16}^{2}\,\Phi_{14}^{2}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
61164	1090	2200	$\frac{9}{100}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{91}{200}$	$\Phi_{2200}\,\Phi_{440}\,\Phi_{110}\,\Phi_{88}\,\Phi_{55}\,\Phi_{22}$
61165	1090	616	$\frac{6}{77}$	$\frac{1}{11}$	$\frac{71}{616}$	$\frac{5}{11}$	$\Phi_{616}^{2}\,\Phi_{308}^{2}\,\Phi_{154}^{2}\,\Phi_{88}^{2}\,\Phi_{56}^{2}\,\Phi_{44}^{2}\,\Phi_{28}^{2}\,\Phi_{22}^{2}\,\Phi_{14}^{2}\,\Phi_{11}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
61166	1090	1320	$\frac{1}{11}$	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1320}\,\Phi_{660}\,\Phi_{440}\,\Phi_{330}\,\Phi_{264}\,\Phi_{165}\,\Phi_{132}\,\Phi_{110}\,\Phi_{88}\,\Phi_{66}\,\Phi_{55}\,\Phi_{33}\,\Phi_{22}$
61167	1090	198	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{198}$	$\Phi_{198}^{10}\,\Phi_{66}^{10}\,\Phi_{22}^{10}\,\Phi_{18}^{10}\,\Phi_{11}^{9}\,\Phi_{6}^{10}\,\Phi_{2}^{10}\,\Phi_{1}^{10}$
61168	1090	333	$\frac{2}{111}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{333}^{3}\,\Phi_{111}^{4}\,\Phi_{37}^{4}\,\Phi_{9}\,\Phi_{3}\,\Phi_{1}^{2}$
61169	1090	162	$\frac{1}{54}$	$\frac{1}{9}$	$\frac{53}{162}$	$\frac{4}{9}$	$\Phi_{162}^{10}\,\Phi_{81}^{10}\,\Phi_{9}\,\Phi_{3}\,\Phi_{1}^{2}$
61170	1090	558	$\frac{13}{558}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{558}^{2}\,\Phi_{279}^{2}\,\Phi_{186}^{2}\,\Phi_{93}^{2}\,\Phi_{62}^{2}\,\Phi_{31}^{2}\,\Phi_{9}\,\Phi_{3}\,\Phi_{1}^{2}$
61171	1090	1008	$\frac{3}{112}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1008}\,\Phi_{504}\,\Phi_{336}\,\Phi_{252}\,\Phi_{168}\,\Phi_{144}\,\Phi_{126}\,\Phi_{112}^{2}\,\Phi_{84}\,\Phi_{72}\,\Phi_{63}\,\Phi_{56}^{2}\,\Phi_{48}\,\Phi_{42}\,\Phi_{28}^{2}\,\Phi_{24}\,\Phi_{21}\,\Phi_{16}^{2}\,\Phi_{14}^{2}\,\Phi_{9}\,\Phi_{8}^{2}\,\Phi_{7}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
61172	1090	144	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{35}{144}$	$\frac{4}{9}$	$\Phi_{144}^{10}\,\Phi_{72}^{10}\,\Phi_{48}^{10}\,\Phi_{24}^{10}\,\Phi_{16}^{10}\,\Phi_{9}\,\Phi_{8}^{10}\,\Phi_{3}\,\Phi_{1}^{2}$
61173	1090	135	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{26}{135}$	$\frac{4}{9}$	$\Phi_{135}^{10}\,\Phi_{45}^{10}\,\Phi_{15}^{10}\,\Phi_{9}\,\Phi_{5}^{10}\,\Phi_{3}\,\Phi_{1}^{2}$
61174	1090	567	$\frac{22}{567}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{567}^{2}\,\Phi_{189}^{2}\,\Phi_{81}^{2}\,\Phi_{63}^{2}\,\Phi_{21}^{2}\,\Phi_{9}\,\Phi_{7}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
61175	1090	342	$\frac{5}{114}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{342}^{3}\,\Phi_{171}^{3}\,\Phi_{114}^{4}\,\Phi_{57}^{4}\,\Phi_{38}^{4}\,\Phi_{19}^{4}\,\Phi_{9}\,\Phi_{3}\,\Phi_{1}^{2}$
61176	1090	648	$\frac{5}{108}$	$\frac{1}{9}$	$\frac{103}{648}$	$\frac{4}{9}$	$\Phi_{648}^{2}\,\Phi_{324}^{2}\,\Phi_{216}^{2}\,\Phi_{162}^{2}\,\Phi_{81}^{2}\,\Phi_{72}^{2}\,\Phi_{24}^{2}\,\Phi_{9}\,\Phi_{8}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
61177	1090	576	$\frac{31}{576}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{576}^{2}\,\Phi_{288}^{2}\,\Phi_{192}^{2}\,\Phi_{144}^{2}\,\Phi_{96}^{2}\,\Phi_{72}^{2}\,\Phi_{64}^{2}\,\Phi_{48}^{2}\,\Phi_{32}^{2}\,\Phi_{24}^{2}\,\Phi_{16}^{2}\,\Phi_{9}\,\Phi_{8}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
61178	1090	126	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{17}{126}$	$\frac{4}{9}$	$\Phi_{126}^{10}\,\Phi_{63}^{10}\,\Phi_{42}^{10}\,\Phi_{21}^{10}\,\Phi_{14}^{10}\,\Phi_{9}\,\Phi_{7}^{10}\,\Phi_{3}\,\Phi_{1}^{2}$
61179	1090	117	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{117}^{10}\,\Phi_{39}^{10}\,\Phi_{13}^{10}\,\Phi_{9}\,\Phi_{3}\,\Phi_{1}^{2}$
61180	1090	594	$\frac{49}{594}$	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{594}^{2}\,\Phi_{297}^{2}\,\Phi_{198}^{2}\,\Phi_{99}^{2}\,\Phi_{66}^{2}\,\Phi_{33}^{2}\,\Phi_{22}^{2}\,\Phi_{11}^{2}\,\Phi_{9}\,\Phi_{3}\,\Phi_{1}^{2}$
61181	1090	360	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{360}^{3}\,\Phi_{180}^{3}\,\Phi_{120}^{4}\,\Phi_{90}^{3}\,\Phi_{72}^{3}\,\Phi_{60}^{4}\,\Phi_{45}^{3}\,\Phi_{40}^{4}\,\Phi_{30}^{4}\,\Phi_{24}^{4}\,\Phi_{20}^{4}\,\Phi_{15}^{4}\,\Phi_{10}^{4}\,\Phi_{9}\,\Phi_{8}^{4}\,\Phi_{5}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
61182	1090	936	$\frac{1}{78}$	$\frac{77}{468}$	$\frac{1}{3}$	$\frac{391}{936}$	$\Phi_{936}^{2}\,\Phi_{312}^{2}\,\Phi_{104}^{2}\,\Phi_{78}^{2}\,\Phi_{72}^{2}\,\Phi_{39}^{2}\,\Phi_{26}^{2}\,\Phi_{24}^{2}\,\Phi_{13}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
61183	1090	552	$\frac{7}{552}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{552}^{2}\,\Phi_{276}^{2}\,\Phi_{184}^{2}\,\Phi_{138}^{2}\,\Phi_{92}^{2}\,\Phi_{69}^{2}\,\Phi_{46}^{2}\,\Phi_{24}^{2}\,\Phi_{23}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
61184	1090	546	$\frac{1}{91}$	$\frac{18}{91}$	$\frac{1}{3}$	$\frac{73}{182}$	$\Phi_{546}^{5}\,\Phi_{273}\,\Phi_{78}^{5}\,\Phi_{42}^{5}\,\Phi_{39}\,\Phi_{21}\,\Phi_{6}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
61185	1090	891	$\frac{1}{99}$	$\frac{199}{891}$	$\frac{98}{297}$	$\frac{346}{891}$	$\Phi_{891}\ \Phi_{297}^2\ \Phi_{99}\ \Phi_{81}\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{11}\ \Phi_9\ \Phi_3\ \Phi_1^2$
61186	1090	572	$\frac{27}{572}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{572}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{13}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
61187	1090	176	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{21}{88}$	$\frac{67}{176}$	$\Phi_{176}^{10}\ \Phi_{22}^{10}\ \Phi_{16}^{10}\ \Phi_{11}^9\ \Phi_2^{10}\ \Phi_1^{10}$
61188	1090	792	$\frac{1}{99}$	$\frac{49}{198}$	$\frac{247}{792}$	$\frac{149}{396}$	$\Phi_{792}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{99}\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{66}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}$ $\Phi_9\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
61189	1090	1320	$\frac{1}{110}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1320}^2\ \Phi_{330}\ \Phi_{264}^2\ \Phi_{165}\ \Phi_{120}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
61190	1090	112	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{112}^{10}\ \Phi_{56}^9\ \Phi_{28}^{10}\ \Phi_{16}^{10}\ \Phi_{14}^{10}\ \Phi_8^{10}\ \Phi_7^9\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{10}$
61191	1090	248	$\frac{1}{31}$	$\frac{15}{124}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{248}^7\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}\ \Phi_8^8\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
61192	1090	165	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{53}{165}$	$\frac{56}{165}$	$\Phi_{165}^5\ \Phi_{55}^{10}\ \Phi_{33}^5\ \Phi_{15}^5\ \Phi_{11}^9\ \Phi_5^{10}\ \Phi_3^5\ \Phi_1^{10}$
61193	1090	819	$\frac{2}{273}$	$\frac{271}{819}$	$\frac{1}{3}$	$\frac{274}{819}$	$\Phi_{819}\ \Phi_{273}^2\ \Phi_{117}\ \Phi_{91}^2\ \Phi_{63}\ \Phi_{39}^2\ \Phi_{21}^2\ \Phi_{13}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
61194	1090	222	$\frac{2}{111}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{222}^6\ \Phi_{111}^4\ \Phi_{74}^6\ \Phi_{37}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
61195	1090	702	$\frac{1}{78}$	$\frac{157}{702}$	$\frac{77}{234}$	$\frac{1}{3}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{78}^2\ \Phi_{54}^2\ \Phi_{39}^2\ \Phi_{27}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
61196	1090	162	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{53}{162}$	$\frac{1}{3}$	$\Phi_{162}^{10}\ \Phi_{81}^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
61197	1090	126	$\frac{1}{42}$	$\frac{17}{126}$	$\frac{41}{126}$	$\frac{1}{3}$	$\Phi_{126}^8\ \Phi_{63}^8\ \Phi_{42}^{10}\ \Phi_{21}^{10}\ \Phi_{18}^8\ \Phi_{14}^{10}\ \Phi_9^8\ \Phi_7^{10}\ \Phi_6^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
61198	1090	798	$\frac{13}{266}$	$\frac{1}{14}$	$\frac{253}{798}$	$\frac{1}{3}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{114}\ \Phi_{57}\ \Phi_{42}^2\ \Phi_{38}^2\ \Phi_{21}^2\ \Phi_{19}^2\ \Phi_{14}^2\ \Phi_7^2$ $\Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
61199	1090	117	$\frac{2}{39}$	$\frac{8}{117}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{117}^9\ \Phi_{39}^{10}\ \Phi_{13}^{10}\ \Phi_9^9\ \Phi_3^9\ \Phi_1^{10}$
61200	1090	567	$\frac{22}{567}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{567}^2\ \Phi_{189}^2\ \Phi_{81}^2\ \Phi_{63}\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
61201	1090	156	$\frac{1}{26}$	$\frac{5}{52}$	$\frac{47}{156}$	$\frac{1}{3}$	$\Phi_{156}^5\ \Phi_{78}^6\ \Phi_{52}^{10}\ \Phi_{39}^6\ \Phi_{26}^{10}\ \Phi_{13}^{10}\ \Phi_{12}^5\ \Phi_6^6\ \Phi_4^{10}\ \Phi_3^5\ \Phi_2^{10}\ \Phi_1^{10}$
61202	1090	336	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{84}^5\ \Phi_{48}^5\ \Phi_{42}^5\ \Phi_{24}^5\ \Phi_{21}^3\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^2$
61203	1090	756	$\frac{1}{42}$	$\frac{41}{252}$	$\frac{211}{756}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3$ $\Phi_2^2\ \Phi_1^2$
61204	1090	558	$\frac{13}{558}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{558}^2\ \Phi_{279}^2\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
61205	1090	336	$\frac{3}{112}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^4\ \Phi_{84}^3\ \Phi_{56}^4\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^4\ \Phi_{14}^4$ $\Phi_8^4\ \Phi_7^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
61206	1090	672	$\frac{1}{42}$	$\frac{127}{672}$	$\frac{41}{168}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{32}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_7^2$ $\Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
61207	1090	144	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{35}{144}$	$\frac{1}{3}$	$\Phi_{144}^{10}\ \Phi_{72}^{10}\ \Phi_{48}^{10}\ \Phi_{24}^{10}\ \Phi_{16}^{10}\ \Phi_8^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
61208	1090	624	$\frac{1}{26}$	$\frac{79}{624}$	$\frac{25}{104}$	$\frac{1}{3}$	$\Phi_{624}^2\ \Phi_{312}\ \Phi_{208}^2\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{48}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{16}^2$ $\Phi_{13}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
61209	1090	714	$\frac{19}{357}$	$\frac{2}{21}$	$\frac{169}{714}$	$\frac{1}{3}$	$\Phi_{714}^2\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{119}\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{42}^2\ \Phi_{34}^2\ \Phi_{21}^2\ \Phi_{17}\ \Phi_{14}^2\ \Phi_7^2$ $\Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
61210	1090	702	$\frac{2}{39}$	$\frac{37}{351}$	$\frac{157}{702}$	$\frac{1}{3}$	$\Phi_{702}^2\ \Phi_{351}\ \Phi_{234}^2\ \Phi_{117}\ \Phi_{78}^2\ \Phi_{54}^2\ \Phi_{39}^2\ \Phi_{27}\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_9$ $\Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
61211	1090	450	$\frac{7}{225}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{450}^3\ \Phi_{225}^2\ \Phi_{150}^3\ \Phi_{90}^3\ \Phi_{75}^2\ \Phi_{50}^3\ \Phi_{45}^2\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2$ $\Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
61212	1090	270	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{26}{135}$	$\frac{1}{3}$	$\Phi_{270}^6\ \Phi_{135}^4\ \Phi_{90}^6\ \Phi_{45}^4\ \Phi_{30}^6\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
61213	1090	390	$\frac{1}{26}$	$\frac{21}{130}$	$\frac{5}{26}$	$\frac{1}{3}$	$\Phi_{390}^5\ \Phi_{195}^5\ \Phi_{78}\ \Phi_{39}\ \Phi_{30}^5\ \Phi_{15}^5\ \Phi_6$
61214	1090	126	$\frac{1}{21}$	$\frac{17}{126}$	$\frac{4}{21}$	$\frac{1}{3}$	$\Phi_{126}^{10}\ \Phi_{63}^{10}\ \Phi_{42}^{10}\ \Phi_{21}^2\ \Phi_{18}^{10}\ \Phi_{14}^{10}\ \Phi_9^{10}\ \Phi_7^2\ \Phi_6^{10}\ \Phi_3\ \Phi_2^{10}\ \Phi_1^2$
61215	1090	114	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{114}^{10}\ \Phi_{57}^{10}\ \Phi_{38}^{10}\ \Phi_{19}^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
61216	1090	648	$\frac{5}{108}$	$\frac{103}{648}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
61217	1090	576	$\frac{31}{576}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2$ $\Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
61218	1090	126	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{126}^{10}\ \Phi_{63}^{10}\ \Phi_{42}^{10}\ \Phi_{21}^{10}\ \Phi_{14}^{10}\ \Phi_7^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
61219	1090	234	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{234}^6\ \Phi_{117}^4\ \Phi_{78}^6\ \Phi_{39}^4\ \Phi_{26}^6\ \Phi_{13}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
61220	1090	486	$\frac{2}{27}$	$\frac{25}{243}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{486}^3\ \Phi_{243}^2\ \Phi_{162}^3\ \Phi_{81}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
61221	1090	594	$\frac{49}{594}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
61222	1090	120	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{120}^{10}\ \Phi_{60}^{10}\ \Phi_{40}^{10}\ \Phi_{30}^{10}\ \Phi_{24}^{10}\ \Phi_{20}^{10}\ \Phi_{15}^{10}\ \Phi_{10}^{10}\ \Phi_8^{10}\ \Phi_6^2\ \Phi_5^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
61223	1090	588	$\frac{43}{588}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{84}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
61224	1090	1848	$\frac{6}{77}$	$\frac{71}{616}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{168}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
61225	1090	792	$\frac{17}{264}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{247}{792}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
61226	1090	121	$\frac{10}{121}$	$\frac{12}{121}$	$\frac{21}{121}$	$\frac{37}{121}$	$\Phi_{121}^9\ \Phi_{11}^9\ \Phi_1^{10}$
61227	1090	132	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{23}{132}$	$\frac{10}{33}$	$\Phi_{132}^{10}\ \Phi_{66}^{10}\ \Phi_{44}^{10}\ \Phi_{22}^{10}\ \Phi_{12}^{10}\ \Phi_{11}^9\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{10}$
61228	1090	1650	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{150}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}$
61229	1090	1320	$\frac{1}{11}$	$\frac{11}{120}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{132}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
61230	1090	594	$\frac{49}{594}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
61231	1090	704	$\frac{1}{11}$	$\frac{17}{176}$	$\frac{159}{704}$	$\frac{5}{22}$	$\Phi_{704}^2\ \Phi_{352}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
61232	1090	616	$\frac{1}{11}$	$\frac{71}{616}$	$\frac{17}{88}$	$\frac{5}{22}$	$\Phi_{616}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_2^2\ \Phi_1^2$
61233	1090	132	$\frac{1}{11}$	$\frac{17}{132}$	$\frac{23}{132}$	$\frac{5}{22}$	$\Phi_{132}^8\ \Phi_{66}^8\ \Phi_{44}^8\ \Phi_{33}^8\ \Phi_{22}^{10}\ \Phi_{12}^8\ \Phi_{11}^9\ \Phi_6^8\ \Phi_4^8\ \Phi_3^8\ \Phi_2^{10}\ \Phi_1^{10}$
61234	1090	1540	$\frac{1}{11}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{140}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
61235	1090	121	$\frac{12}{121}$	$\frac{16}{121}$	$\frac{21}{121}$	$\frac{25}{121}$	$\Phi_{121}^9\ \Phi_{11}^9\ \Phi_1^{10}$
61236	1091	1744	$\frac{1}{218}$	$\frac{219}{872}$	$\frac{653}{1744}$	$\frac{217}{436}$	$\Phi_{1744}\ \Phi_{436}\ \Phi_{16}\ \Phi_4\ \Phi_1$
61237	1091	2160	$\frac{11}{1080}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1069}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
61238	1091	2160	$\frac{11}{1080}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1069}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}\ \Phi_{15}\ \Phi_3\ \Phi_1$
61239	1091	1460	$\frac{4}{365}$	$\frac{1}{5}$	$\frac{369}{1460}$	$\frac{361}{730}$	$\Phi_{1460}\ \Phi_{365}\ \Phi_{292}\ \Phi_{73}\ \Phi_{20}\ \Phi_4\ \Phi_1$
61240	1091	2100	$\frac{41}{1050}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1009}{2100}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{60}\ \Phi_{50}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
61241	1091	1320	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{229}{1320}$	$\frac{211}{440}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
61242	1091	1200	$\frac{9}{100}$	$\frac{109}{1200}$	$\frac{1}{10}$	$\frac{91}{200}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
61243	1091	2000	$\frac{9}{100}$	$\frac{91}{1000}$	$\frac{1}{10}$	$\frac{909}{2000}$	$\Phi_{2000}\ \Phi_{400}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
61244	1091	1620	$\frac{11}{540}$	$\frac{1}{10}$	$\frac{529}{1620}$	$\frac{9}{20}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{20}\ \Phi_4\ \Phi_1$
61245	1091	1120	$\frac{29}{1120}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
61246	1091	1440	$\frac{11}{360}$	$\frac{1}{10}$	$\frac{349}{1440}$	$\frac{9}{20}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
61247	1091	1140	$\frac{49}{1140}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_4\ \Phi_1$
61248	1091	1260	$\frac{11}{180}$	$\frac{1}{10}$	$\frac{169}{1260}$	$\frac{9}{20}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
61249	1091	1200	$\frac{109}{1200}$	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
61250	1091	1980	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{990}$	$\frac{889}{1980}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{132}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{20}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
61251	1091	1760	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{211}{880}$	$\frac{669}{1760}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_4\ \Phi_1$
61252	1091	1110	$\frac{19}{1110}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1110}\ \Phi_{555}\ \Phi_{370}\ \Phi_{222}\ \Phi_{185}\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{15}\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
61253	1091	1620	$\frac{11}{540}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{529}{1620}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{15}\ \Phi_3\ \Phi_1$
61254	1091	1320	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{229}{1320}$	$\frac{101}{330}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{264}\ \Phi_{220}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{24}\ \Phi_{22}\ \Phi_{20}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
61255	1091	1200	$\frac{109}{1200}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{150}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
61256	1091	1500	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{500}$	$\frac{409}{1500}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{375}\ \Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
61257	1091	1125	$\frac{34}{1125}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{225}\ \Phi_{125}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
61258	1091	1440	$\frac{11}{360}$	$\frac{1}{5}$	$\frac{349}{1440}$	$\frac{4}{15}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{15}\ \Phi_3\ \Phi_1$
61259	1091	1350	$\frac{11}{270}$	$\frac{259}{1350}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
61260	1091	1140	$\frac{49}{1140}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{15}\ \Phi_3\ \Phi_1$
61261	1091	1260	$\frac{11}{180}$	$\frac{169}{1260}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_7\ \Phi_3\ \Phi_1$
61262	1091	1170	$\frac{79}{1170}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{130}\ \Phi_{117}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_3\ \Phi_1$
61263	1091	1215	$\frac{11}{135}$	$\frac{124}{1215}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{81}\ \Phi_{15}\ \Phi_3\ \Phi_1$
61264	1091	1200	$\frac{109}{1200}$	$\frac{11}{120}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}\ \Phi_{16}\ \Phi_{15}\ \Phi_3\ \Phi_1$
61265	1091	1400	$\frac{1}{10}$	$\frac{41}{350}$	$\frac{9}{50}$	$\frac{309}{1400}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{280}\ \Phi_{200}\ \Phi_{140}\ \Phi_{100}\ \Phi_{56}\ \Phi_{50}\ \Phi_{40}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
61266	1092	1632	$\frac{1}{272}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{271}{544}$	$\Phi_{1632}\ \Phi_{544}^2\ \Phi_{96}\ \Phi_{32}^2\ \Phi_3\ \Phi_1^2$
61267	1092	905	$\frac{1}{181}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{90}{181}$	$\Phi_{905}\ \Phi_{181}^2\ \Phi_5^2\ \Phi_1^4$
61268	1092	2172	$\frac{1}{181}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{90}{181}$	$\Phi_{2172}\ \Phi_{1086}\ \Phi_{12}^2\ \Phi_6^2$
61269	1092	1091	$\frac{7}{1091}$	$\frac{183}{1091}$	$\frac{454}{1091}$	$\frac{542}{1091}$	$\Phi_{1091}\ \Phi_1^2$
61270	1092	1860	$\frac{1}{155}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{77}{155}$	$\Phi_{1860}\ \Phi_{620}\ \Phi_{372}\ \Phi_{155}\ \Phi_{124}\ \Phi_{60}\ \Phi_{31}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
61271	1092	1395	$\frac{1}{155}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{77}{155}$	$\Phi_{1395}\ \Phi_{279}\ \Phi_{155}\ \Phi_{45}\ \Phi_{31}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
61272	1092	1460	$\frac{3}{365}$	$\frac{1}{4}$	$\frac{92}{365}$	$\frac{181}{365}$	$\Phi_{1460}\ \Phi_{730}\ \Phi_{292}\ \Phi_{146}\ \Phi_{20}\ \Phi_{10}$
61273	1092	1091	$\frac{9}{1091}$	$\frac{272}{1091}$	$\frac{275}{1091}$	$\frac{541}{1091}$	$\Phi_{1091}\ \Phi_1^2$
61274	1092	1641	$\frac{5}{547}$	$\frac{92}{547}$	$\frac{1}{3}$	$\frac{271}{547}$	Φ_{1641}
61275	1092	1980	$\frac{1}{90}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{89}{180}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}^2\ \Phi_{132}\ \Phi_{60}^2\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
61276	1092	1260	$\frac{1}{90}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{89}{180}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{28}^2\ \Phi_{21}$
61277	1092	1980	$\frac{1}{90}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{89}{180}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}^2\ \Phi_{132}\ \Phi_{60}^2\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
61278	1092	180	$\frac{1}{90}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{89}{180}$	$\Phi_{180}^4\ \Phi_{90}^8\ \Phi_{60}^4\ \Phi_{45}^8\ \Phi_{36}^4\ \Phi_{30}^8\ \Phi_{20}^5\ \Phi_{18}^8\ \Phi_{15}^8\ \Phi_{12}^4\ \Phi_{10}^9\ \Phi_9^8\ \Phi_6^8\ \Phi_5^8\ \Phi_4^4\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
61279	1092	1992	$\frac{1}{83}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{41}{83}$	$\Phi_{1992}\ \Phi_{664}\ \Phi_{83}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
61280	1092	1245	$\frac{1}{83}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{41}{83}$	$\Phi_{1245}\ \Phi_{415}\ \Phi_{83}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
61281	1092	1494	$\frac{1}{83}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{41}{83}$	$\Phi_{1494}\ \Phi_{747}\ \Phi_{83}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
61282	1092	1328	$\frac{1}{83}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{41}{83}$	$\Phi_{1328}\ \Phi_{664}\ \Phi_{83}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
61283	1092	1001	$\frac{1}{77}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{38}{77}$	$\Phi_{1001}\ \Phi_{143}\ \Phi_{91}\ \Phi_{77}^2\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
61284	1092	1848	$\frac{1}{77}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{38}{77}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{168}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
61285	1092	876	$\frac{1}{73}$	$\frac{37}{219}$	$\frac{1}{4}$	$\frac{36}{73}$	$\Phi_{876}^2\ \Phi_{438}^2\ \Phi_{292}\ \Phi_{146}\ \Phi_{12}^2\ \Phi_6^2$
61286	1092	1091	$\frac{15}{1091}$	$\frac{79}{1091}$	$\frac{506}{1091}$	$\frac{538}{1091}$	$\Phi_{1091}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
61287	1092	854	$\frac{1}{61}$	$\frac{1}{7}$	$\frac{31}{122}$	$\frac{30}{61}$	$\Phi_{854}^2\ \Phi_{427}\ \Phi_{14}^2$
61288	1092	1256	$\frac{3}{157}$	$\frac{1}{8}$	$\frac{40}{157}$	$\frac{77}{157}$	$\Phi_{1256}\ \Phi_{628}\ \Phi_{314}$
61289	1092	2040	$\frac{1}{51}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{25}{51}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{136}\ \Phi_{120}\ \Phi_{51}\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{17}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
61290	1092	510	$\frac{1}{51}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{25}{51}$	$\Phi_{510}^2\ \Phi_{255}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{51}^3\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{17}^3\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
61291	1092	408	$\frac{1}{51}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{25}{51}$	$\Phi_{408}^3\ \Phi_{204}^2\ \Phi_{136}^3\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^3\ \Phi_{34}^2\ \Phi_{24}^3\ \Phi_{17}^3\ \Phi_{12}^2\ \Phi_8^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
61292	1092	1275	$\frac{1}{51}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{25}{51}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{75}\ \Phi_{51}\ \Phi_{25}^2\ \Phi_{17}\ \Phi_3\ \Phi_1^2$
61293	1092	1091	$\frac{25}{1091}$	$\frac{116}{1091}$	$\frac{279}{1091}$	$\frac{533}{1091}$	$\Phi_{1091}\ \Phi_1^2$
61294	1092	1641	$\frac{13}{547}$	$\frac{40}{547}$	$\frac{1}{3}$	$\frac{267}{547}$	Φ_{1641}
61295	1092	1025	$\frac{1}{41}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{20}{41}$	$\Phi_{1025}\ \Phi_{205}\ \Phi_{41}^2\ \Phi_{25}^2\ \Phi_5^2\ \Phi_1^4$
61296	1092	1722	$\frac{1}{41}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{1722}\ \Phi_{861}\ \Phi_{246}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
61297	1092	615	$\frac{1}{41}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{20}{41}$	$\Phi_{615}^2\ \Phi_{205}\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_{15}^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
61298	1092	1091	$\frac{27}{1091}$	$\frac{43}{1091}$	$\frac{524}{1091}$	$\frac{532}{1091}$	$\Phi_{1091}\ \Phi_1^2$
61299	1092	2052	$\frac{1}{38}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{37}{76}$	$\Phi_{2052}\ \Phi_{684}\ \Phi_{228}\ \Phi_{108}\ \Phi_{76}^2\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
61300	1092	1140	$\frac{1}{38}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{1140}^2\ \Phi_{380}^2\ \Phi_{228}\ \Phi_{76}^2\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
61301	1092	684	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{37}{76}$	$\Phi_{684}^3\ \Phi_{228}^3\ \Phi_{76}^4\ \Phi_{36}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
61302	1092	760	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{37}{76}$	$\Phi_{760}^2\ \Phi_{380}\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{40}^3\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
61303	1092	1091	$\frac{29}{1091}$	$\frac{80}{1091}$	$\frac{337}{1091}$	$\frac{531}{1091}$	$\Phi_{1091}\ \Phi_1^2$
61304	1092	1256	$\frac{5}{157}$	$\frac{1}{8}$	$\frac{27}{157}$	$\frac{76}{157}$	$\Phi_{1256}\ \Phi_{628}\ \Phi_{314}$
61305	1092	1091	$\frac{37}{1091}$	$\frac{129}{1091}$	$\frac{188}{1091}$	$\frac{527}{1091}$	$\Phi_{1091}\ \Phi_1^2$
61306	1092	2288	$\frac{3}{88}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{85}{176}$	$\Phi_{2288}\ \Phi_{208}\ \Phi_{52}\ \Phi_{26}$
61307	1092	1190	$\frac{3}{85}$	$\frac{1}{14}$	$\frac{22}{85}$	$\frac{41}{85}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{238}\ \Phi_{170}\ \Phi_{119}\ \Phi_{70}\ \Phi_{35}\ \Phi_{34}\ \Phi_{10}$
61308	1092	1460	$\frac{13}{365}$	$\frac{27}{365}$	$\frac{1}{4}$	$\frac{176}{365}$	$\Phi_{1460}\ \Phi_{730}\ \Phi_{292}\ \Phi_{146}\ \Phi_{20}\ \Phi_{10}$
61309	1092	513	$\frac{1}{27}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{13}{27}$	$\Phi_{513}^2\ \Phi_{171}^2\ \Phi_{57}^2\ \Phi_{27}^3\ \Phi_{19}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^6$
61310	1092	756	$\frac{1}{27}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{756}^2\ \Phi_{378}\ \Phi_{252}^2\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}^4\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_9\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
61311	1092	1650	$\frac{1}{25}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{330}\ \Phi_{165}\ \Phi_{150}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{30}\ \Phi_6^2$
61312	1092	1025	$\frac{1}{25}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{12}{25}$	$\Phi_{1025}\ \Phi_{205}\ \Phi_{41}^2\ \Phi_{25}^2\ \Phi_5^2\ \Phi_1^4$
61313	1092	300	$\frac{1}{25}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{300}^5\ \Phi_{150}^5\ \Phi_{100}^4\ \Phi_{60}^6\ \Phi_{50}^4\ \Phi_{30}^6\ \Phi_{20}^5\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_6^6\ \Phi_4^4\ \Phi_2^4$
61314	1092	1025	$\frac{1}{25}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{12}{25}$	$\Phi_{1025}\ \Phi_{205}\ \Phi_{41}^2\ \Phi_{25}^2\ \Phi_5^2\ \Phi_1^4$
61315	1092	1400	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{12}{25}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2$
61316	1092	1091	$\frac{49}{1091}$	$\frac{62}{1091}$	$\frac{285}{1091}$	$\frac{521}{1091}$	$\Phi_{1091}\ \Phi_1^2$
61317	1092	1641	$\frac{22}{547}$	$\frac{25}{547}$	$\frac{1}{3}$	$\frac{261}{547}$	Φ_{1641}
61318	1092	1091	$\frac{44}{1091}$	$\frac{53}{1091}$	$\frac{349}{1091}$	$\frac{519}{1091}$	$\Phi_{1091}\ \Phi_1^2$
61319	1092	1080	$\frac{1}{27}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{120}\ \Phi_{72}^2\ \Phi_{40}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_9^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
61320	1092	680	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{19}{40}$	$\Phi_{680}^3\ \Phi_{136}^3\ \Phi_{40}^4\ \Phi_{17}^3\ \Phi_8^4\ \Phi_1^4$
61321	1092	280	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{280}^8\ \Phi_{70}\ \Phi_{56}^8\ \Phi_{40}^4\ \Phi_{35}\ \Phi_{10}\ \Phi_8^4$
61322	1092	1091	$\frac{41}{1091}$	$\frac{57}{1091}$	$\frac{350}{1091}$	$\frac{517}{1091}$	$\Phi_{1091}\ \Phi_1^2$
61323	1092	1166	$\frac{1}{22}$	$\frac{3}{53}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{1166}\ \Phi_{583}\ \Phi_{106}$
61324	1092	238	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{238}^5\ \Phi_{119}^5\ \Phi_{34}^5\ \Phi_{14}^4\ \Phi_7^4\ \Phi_2^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
61325	1092	1185	$\frac{5}{79}$	$\frac{1}{15}$	$\frac{14}{79}$	$\frac{37}{79}$	$\Phi_{1185}\ \Phi_{395}\ \Phi_{237}$
61326	1092	1091	$\frac{71}{1091}$	$\frac{83}{1091}$	$\frac{168}{1091}$	$\frac{510}{1091}$	$\Phi_{1091}\ \Phi_{1}^{2}$
61327	1092	1091	$\frac{69}{1091}$	$\frac{73}{1091}$	$\frac{194}{1091}$	$\frac{509}{1091}$	$\Phi_{1091}\ \Phi_{1}^{2}$
61328	1092	1091	$\frac{73}{1091}$	$\frac{97}{1091}$	$\frac{142}{1091}$	$\frac{509}{1091}$	$\Phi_{1091}\ \Phi_{1}^{2}$
61329	1092	292	$\frac{3}{73}$	$\frac{5}{73}$	$\frac{1}{4}$	$\frac{34}{73}$	$\Phi_{292}^{5}\ \Phi_{146}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
61330	1092	1256	$\frac{11}{157}$	$\frac{14}{157}$	$\frac{1}{8}$	$\frac{73}{157}$	$\Phi_{1256}\ \Phi_{628}\ \Phi_{314}$
61331	1092	1281	$\frac{13}{183}$	$\frac{14}{183}$	$\frac{1}{7}$	$\frac{85}{183}$	$\Phi_{1281}\ \Phi_{427}\ \Phi_{21}$
61332	1092	1091	$\frac{64}{1091}$	$\frac{79}{1091}$	$\frac{195}{1091}$	$\frac{506}{1091}$	$\Phi_{1091}\ \Phi_{1}^{2}$
61333	1092	1460	$\frac{14}{365}$	$\frac{27}{365}$	$\frac{1}{4}$	$\frac{169}{365}$	$\Phi_{1460}\ \Phi_{730}\ \Phi_{292}\ \Phi_{146}\ \Phi_{20}\ \Phi_{10}$
61334	1092	1091	$\frac{38}{1091}$	$\frac{81}{1091}$	$\frac{293}{1091}$	$\frac{505}{1091}$	$\Phi_{1091}\ \Phi_{1}^{2}$
61335	1092	1641	$\frac{14}{547}$	$\frac{41}{547}$	$\frac{1}{3}$	$\frac{253}{547}$	Φ_{1641}
61336	1092	1560	$\frac{1}{40}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{120}^{2}\ \Phi_{78}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
61337	1092	1001	$\frac{2}{77}$	$\frac{1}{13}$	$\frac{25}{77}$	$\frac{6}{13}$	$\Phi_{1001}\ \Phi_{143}\ \Phi_{91}\ \Phi_{77}^{2}\ \Phi_{13}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
61338	1092	1404	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{108}^{2}\ \Phi_{78}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
61339	1092	1001	$\frac{5}{77}$	$\frac{1}{13}$	$\frac{12}{77}$	$\frac{6}{13}$	$\Phi_{1001}\ \Phi_{143}\ \Phi_{91}\ \Phi_{77}^{2}\ \Phi_{13}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
61340	1092	182	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{182}^{6}\ \Phi_{91}^{5}\ \Phi_{26}^{6}\ \Phi_{14}^{12}\ \Phi_{13}^{6}\ \Phi_{7}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
61341	1092	572	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{6}{13}$	$\Phi_{572}^{2}\ \Phi_{286}^{2}\ \Phi_{143}\ \Phi_{52}^{2}\ \Phi_{44}^{4}\ \Phi_{26}^{2}\ \Phi_{22}^{4}\ \Phi_{13}^{2}\ \Phi_{11}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
61342	1092	1032	$\frac{1}{43}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{1032}^{2}\ \Phi_{344}^{2}\ \Phi_{129}$
61343	1092	1992	$\frac{2}{83}$	$\frac{1}{12}$	$\frac{27}{83}$	$\frac{11}{24}$	$\Phi_{1992}\ \Phi_{664}\ \Phi_{83}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
61344	1092	696	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{696}^{3}\ \Phi_{232}^{3}\ \Phi_{116}\ \Phi_{58}$
61345	1092	1992	$\frac{3}{83}$	$\frac{1}{12}$	$\frac{20}{83}$	$\frac{11}{24}$	$\Phi_{1992}\ \Phi_{664}\ \Phi_{83}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
61346	1092	1320	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{1320}^{2}\ \Phi_{440}^{2}\ \Phi_{120}\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}\ \Phi_{10}$
61347	1092	1992	$\frac{5}{83}$	$\frac{1}{12}$	$\frac{13}{83}$	$\frac{11}{24}$	$\Phi_{1992}\ \Phi_{664}\ \Phi_{83}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
61348	1092	840	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{840}^{3}\ \Phi_{280}^{3}\ \Phi_{168}^{2}\ \Phi_{105}\ \Phi_{56}^{2}\ \Phi_{35}\ \Phi_{21}$
61349	1092	1992	$\frac{6}{83}$	$\frac{1}{12}$	$\frac{11}{83}$	$\frac{11}{24}$	$\Phi_{1992}\ \Phi_{664}\ \Phi_{83}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
61350	1092	312	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{312}^{3}\ \Phi_{156}^{4}\ \Phi_{104}^{4}\ \Phi_{78}^{4}\ \Phi_{52}^{5}\ \Phi_{39}^{4}\ \Phi_{26}^{5}\ \Phi_{13}^{4}$
61351	1092	1023	$\frac{2}{93}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1023}\ \Phi_{341}\ \Phi_{93}^{2}\ \Phi_{31}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
61352	1092	1485	$\frac{1}{45}$	$\frac{1}{11}$	$\frac{44}{135}$	$\frac{5}{11}$	$\Phi_{1485}\ \Phi_{297}\ \Phi_{135}^{2}\ \Phi_{27}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
61353	1092	1320	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{29}{120}$	$\frac{5}{11}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{264}\ \Phi_{220}\ \Phi_{132}\ \Phi_{120}^{2}\ \Phi_{88}\ \Phi_{60}^{2}\ \Phi_{44}\ \Phi_{40}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
61354	1092	1045	$\frac{4}{95}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{1045}\ \Phi_{209}\ \Phi_{95}^{2}\ \Phi_{19}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
61355	1092	1056	$\frac{5}{96}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}^{2}\ \Phi_{88}\ \Phi_{48}^{2}\ \Phi_{44}\ \Phi_{32}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
61356	1092	1188	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{17}{108}$	$\frac{5}{11}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{132}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{44}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
61357	1092	165	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{5}{11}$	$\Phi_{165}^{6}\ \Phi_{55}^{6}\ \Phi_{33}^{6}\ \Phi_{15}^{12}\ \Phi_{11}^{7}\ \Phi_{5}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{14}$
61358	1092	616	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{616}^{2}\ \Phi_{308}^{2}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}^{4}\ \Phi_{44}\ \Phi_{28}^{4}\ \Phi_{14}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
61359	1092	99	$\frac{8}{99}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{11}$	$\Phi_{99}^{11}\ \Phi_{33}^{11}\ \Phi_{11}^{12}\ \Phi_{9}^{10}\ \Phi_{3}^{10}\ \Phi_{1}^{12}$
61360	1092	1100	$\frac{9}{100}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{11}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{220}\ \Phi_{100}^{2}\ \Phi_{50}^{2}\ \Phi_{44}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
61361	1092	1091	$\frac{23}{1091}$	$\frac{105}{1091}$	$\frac{356}{1091}$	$\frac{493}{1091}$	$\Phi_{1091}\ \Phi_1^2$
61362	1092	1160	$\frac{1}{40}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{232}\ \Phi_{145}\ \Phi_{116}\ \Phi_{58}$
61363	1092	774	$\frac{1}{43}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{774}^2\ \Phi_{387}\ \Phi_{258}^2\ \Phi_{129}\ \Phi_{86}^2$
61364	1092	2030	$\frac{1}{29}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{2030}\ \Phi_{406}\ \Phi_{290}\ \Phi_{145}\ \Phi_{58}$
61365	1092	1161	$\frac{1}{27}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{1161}\ \Phi_{387}\ \Phi_{129}$
61366	1092	1091	$\frac{47}{1091}$	$\frac{131}{1091}$	$\frac{174}{1091}$	$\frac{480}{1091}$	$\Phi_{1091}\ \Phi_1^2$
61367	1092	464	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{464}^2\ \Phi_{232}^3\ \Phi_{116}^3\ \Phi_{58}^3\ \Phi_{29}^2$
61368	1092	1190	$\frac{1}{14}$	$\frac{8}{85}$	$\frac{11}{85}$	$\frac{37}{85}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{238}\ \Phi_{170}\ \Phi_{119}\ \Phi_{70}\ \Phi_{35}\ \Phi_{34}\ \Phi_{10}$
61369	1092	1091	$\frac{76}{1091}$	$\frac{103}{1091}$	$\frac{145}{1091}$	$\frac{473}{1091}$	$\Phi_{1091}\ \Phi_1^2$
61370	1092	1281	$\frac{8}{183}$	$\frac{25}{183}$	$\frac{1}{7}$	$\frac{79}{183}$	$\Phi_{1281}\ \Phi_{427}\ \Phi_{21}$
61371	1092	1091	$\frac{34}{1091}$	$\frac{151}{1091}$	$\frac{207}{1091}$	$\frac{470}{1091}$	$\Phi_{1091}\ \Phi_1^2$
61372	1092	1460	$\frac{8}{365}$	$\frac{51}{365}$	$\frac{1}{4}$	$\frac{157}{365}$	$\Phi_{1460}\ \Phi_{730}\ \Phi_{292}\ \Phi_{146}\ \Phi_{20}\ \Phi_{10}$
61373	1092	1091	$\frac{20}{1091}$	$\frac{153}{1091}$	$\frac{311}{1091}$	$\frac{469}{1091}$	$\Phi_{1091}\ \Phi_1^2$
61374	1092	1641	$\frac{8}{547}$	$\frac{77}{547}$	$\frac{1}{3}$	$\frac{235}{547}$	Φ_{1641}
61375	1092	1091	$\frac{48}{1091}$	$\frac{149}{1091}$	$\frac{157}{1091}$	$\frac{467}{1091}$	$\Phi_{1091}\ \Phi_1^2$
61376	1092	1190	$\frac{1}{14}$	$\frac{7}{85}$	$\frac{13}{85}$	$\frac{36}{85}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{238}\ \Phi_{170}\ \Phi_{119}\ \Phi_{70}\ \Phi_{35}\ \Phi_{34}\ \Phi_{10}$
61377	1092	1091	$\frac{77}{1091}$	$\frac{90}{1091}$	$\frac{169}{1091}$	$\frac{461}{1091}$	$\Phi_{1091}\ \Phi_1^2$
61378	1092	1256	$\frac{7}{157}$	$\frac{1}{8}$	$\frac{25}{157}$	$\frac{66}{157}$	$\Phi_{1256}\ \Phi_{628}\ \Phi_{314}$
61379	1092	948	$\frac{1}{79}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{948}^2\ \Phi_{316}^2\ \Phi_{237}$
61380	1092	1860	$\frac{2}{155}$	$\frac{1}{6}$	$\frac{51}{155}$	$\frac{5}{12}$	$\Phi_{1860}\ \Phi_{620}\ \Phi_{372}\ \Phi_{155}\ \Phi_{124}\ \Phi_{60}\ \Phi_{31}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
61381	1092	636	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{636}\ \Phi_{318}^2\ \Phi_{212}^2\ \Phi_{159}^2\ \Phi_{106}^3\ \Phi_{53}^2$
61382	1092	1860	$\frac{3}{155}$	$\frac{1}{6}$	$\frac{38}{155}$	$\frac{5}{12}$	$\Phi_{1860}\ \Phi_{620}\ \Phi_{372}\ \Phi_{155}\ \Phi_{124}\ \Phi_{60}\ \Phi_{31}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
61383	1092	120	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{120}^8\ \Phi_{60}^7\ \Phi_{40}^{12}\ \Phi_{30}^8\ \Phi_{24}^8\ \Phi_{20}^{11}\ \Phi_{15}^8\ \Phi_{12}^8\ \Phi_{10}^{12}\ \Phi_8^{12}\ \Phi_6^8\ \Phi_5^{11}\ \Phi_4^{12}\ \Phi_3^8\ \Phi_2^{12}\ \Phi_1^{12}$
61384	1092	372	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{372}^5\ \Phi_{124}^5\ \Phi_{31}^5\ \Phi_{12}^6\ \Phi_4^6\ \Phi_1^6$
61385	1092	756	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{756}^3\ \Phi_{252}^3\ \Phi_{189}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{28}^2\ \Phi_{21}$
61386	1092	1860	$\frac{11}{155}$	$\frac{12}{155}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1860}\ \Phi_{620}\ \Phi_{372}\ \Phi_{155}\ \Phi_{124}\ \Phi_{60}\ \Phi_{31}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
61387	1092	1092	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1092}^2\ \Phi_{364}^2\ \Phi_{182}\ \Phi_{156}\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}$
61388	1092	1380	$\frac{1}{92}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
61389	1092	790	$\frac{1}{79}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{790}^2\ \Phi_{395}\ \Phi_{158}^2$
61390	1092	740	$\frac{3}{185}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{740}^2\ \Phi_{370}^2\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{20}\ \Phi_{10}$
61391	1092	905	$\frac{6}{181}$	$\frac{25}{181}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{905}\ \Phi_{181}^2\ \Phi_5^2\ \Phi_1^4$
61392	1092	1080	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}^2\ \Phi_{180}\ \Phi_{120}\ \Phi_{108}^2\ \Phi_{90}\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
61393	1092	905	$\frac{12}{181}$	$\frac{13}{181}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{905}\ \Phi_{181}^2\ \Phi_5^2\ \Phi_1^4$
61394	1092	210	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^5\ \Phi_{42}^6\ \Phi_{35}^5\ \Phi_{30}^6\ \Phi_{21}^6\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_7^4\ \Phi_6^6\ \Phi_2^4$
61395	1092	1856	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{1856}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}$
61396	1092	1196	$\frac{1}{92}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1196}\ \Phi_{598}\ \Phi_{299}\ \Phi_{52}\ \Phi_{26}$
61397	1092	238	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{238}^5\ \Phi_{119}^5\ \Phi_{34}\ \Phi_{17}^4\ \Phi_{14}^4\ \Phi_7^4\ \Phi_1^4$
61398	1092	292	$\frac{1}{73}$	$\frac{18}{73}$	$\frac{1}{4}$	$\frac{55}{146}$	$\Phi_{292}^5\ \Phi_{146}\ \Phi_{73}^4\ \Phi_4^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
61399	1092	1248	$\frac{5}{96}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
61400	1092	1091	$\frac{27}{1091}$	$\frac{152}{1091}$	$\frac{313}{1091}$	$\frac{389}{1091}$	$\Phi_{1091}\ \Phi_1^2$
61401	1092	580	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{580}^3\ \Phi_{290}\ \Phi_{145}\ \Phi_{116}^3\ \Phi_{58}$
61402	1092	1161	$\frac{1}{27}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{1161}\ \Phi_{387}\ \Phi_{129}$
61403	1092	1091	$\frac{51}{1091}$	$\frac{80}{1091}$	$\frac{337}{1091}$	$\frac{377}{1091}$	$\Phi_{1091}\ \Phi_1^2$
61404	1092	1091	$\frac{55}{1091}$	$\frac{74}{1091}$	$\frac{339}{1091}$	$\frac{376}{1091}$	$\Phi_{1091}\ \Phi_1^2$
61405	1092	1185	$\frac{4}{79}$	$\frac{1}{15}$	$\frac{25}{79}$	$\frac{27}{79}$	$\Phi_{1185}\ \Phi_{395}\ \Phi_{237}$
61406	1092	1190	$\frac{4}{85}$	$\frac{1}{14}$	$\frac{27}{85}$	$\frac{29}{85}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{238}\ \Phi_{170}\ \Phi_{119}\ \Phi_{70}\ \Phi_{35}\ \Phi_{34}\ \Phi_{10}$
61407	1092	1794	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{1794}\ \Phi_{598}\ \Phi_{299}\ \Phi_{78}\ \Phi_{26}$
61408	1092	1091	$\frac{38}{1091}$	$\frac{103}{1091}$	$\frac{351}{1091}$	$\frac{370}{1091}$	$\Phi_{1091}\ \Phi_1^2$
61409	1092	1256	$\frac{4}{157}$	$\frac{1}{8}$	$\frac{51}{157}$	$\frac{53}{157}$	$\Phi_{1256}\ \Phi_{628}\ \Phi_{314}$
61410	1092	1091	$\frac{8}{1091}$	$\frac{361}{1091}$	$\frac{363}{1091}$	$\frac{365}{1091}$	$\Phi_{1091}\ \Phi_1^2$
61411	1092	1641	$\frac{4}{547}$	$\frac{181}{547}$	$\frac{1}{3}$	$\frac{183}{547}$	Φ_{1641}
61412	1092	408	$\frac{1}{136}$	$\frac{45}{136}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}^4\ \Phi_{102}^2\ \Phi_{68}^4\ \Phi_{51}^2\ \Phi_{34}^4\ \Phi_{24}^2\ \Phi_{17}^4\ \Phi_{12}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
61413	1092	276	$\frac{1}{92}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{276}^3\ \Phi_{138}^3\ \Phi_{92}^6\ \Phi_{69}^3\ \Phi_{46}^6\ \Phi_{23}^6\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
61414	1092	711	$\frac{1}{79}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{711}^2\ \Phi_{237}$
61415	1092	1020	$\frac{1}{68}$	$\frac{67}{340}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
61416	1092	651	$\frac{2}{93}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{651}^2\ \Phi_{217}^2\ \Phi_{21}$
61417	1092	408	$\frac{3}{136}$	$\frac{19}{136}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}^4\ \Phi_{102}^2\ \Phi_{68}^4\ \Phi_{51}^2\ \Phi_{34}^4\ \Phi_{24}^2\ \Phi_{17}^4\ \Phi_{12}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
61418	1092	645	$\frac{1}{43}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{645}^2\ \Phi_{215}^2\ \Phi_{129}$
61419	1092	120	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^7\ \Phi_{60}^7\ \Phi_{40}^{14}\ \Phi_{30}^7\ \Phi_{24}^6\ \Phi_{20}^{14}\ \Phi_{15}^7\ \Phi_{12}^6\ \Phi_{10}^{14}\ \Phi_8^{12}\ \Phi_6^6\ \Phi_5^{14}\ \Phi_4^{12}\ \Phi_3^7\ \Phi_2^{12}\ \Phi_1^{14}$
61420	1092	102	$\frac{1}{34}$	$\frac{11}{102}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{102}^{11}\ \Phi_{51}^{11}\ \Phi_{34}^{10}\ \Phi_{17}^{10}\ \Phi_6^{11}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
61421	1092	204	$\frac{3}{68}$	$\frac{5}{68}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{204}^4\ \Phi_{102}^4\ \Phi_{68}^8\ \Phi_{51}^4\ \Phi_{34}^8\ \Phi_{17}^8\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^{10}$
61422	1092	462	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
61423	1092	96	$\frac{5}{96}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{96}^{12}\ \Phi_{48}^{11}\ \Phi_{32}^{12}\ \Phi_{24}^{11}\ \Phi_{16}^{10}\ \Phi_{12}^{11}\ \Phi_8^{10}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
61424	1092	867	$\frac{16}{289}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{867}\ \Phi_{289}^2\ \Phi_3\ \Phi_1^2$
61425	1092	1395	$\frac{2}{155}$	$\frac{2}{9}$	$\frac{51}{155}$	$\frac{1}{3}$	$\Phi_{1395}\ \Phi_{279}\ \Phi_{155}\ \Phi_{45}\ \Phi_{31}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
61426	1092	945	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{44}{135}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{189}^2\ \Phi_{21}$
61427	1092	1245	$\frac{2}{83}$	$\frac{2}{15}$	$\frac{27}{83}$	$\frac{1}{3}$	$\Phi_{1245}\ \Phi_{415}\ \Phi_{83}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
61428	1092	1848	$\frac{2}{77}$	$\frac{1}{8}$	$\frac{25}{77}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{168}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
61429	1092	1641	$\frac{19}{547}$	$\frac{53}{547}$	$\frac{176}{547}$	$\frac{1}{3}$	Φ_{1641}
61430	1092	1722	$\frac{2}{41}$	$\frac{1}{14}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{1722}\ \Phi_{861}\ \Phi_{246}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
61431	1092	285	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{285}^4\ \Phi_{95}^4\ \Phi_{57}^2\ \Phi_{19}^4\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^3\ \Phi_1^6$
61432	1092	1641	$\frac{29}{547}$	$\frac{37}{547}$	$\frac{170}{547}$	$\frac{1}{3}$	Φ_{1641}
61433	1092	1641	$\frac{27}{547}$	$\frac{40}{547}$	$\frac{169}{547}$	$\frac{1}{3}$	Φ_{1641}
61434	1092	270	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^4\ \Phi_{30}^2\ \Phi_{27}^6\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_9^6\ \Phi_6^2\ \Phi_5^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
61435	1092	1641	$\frac{15}{547}$	$\frac{76}{547}$	$\frac{157}{547}$	$\frac{1}{3}$	Φ_{1641}
61436	1092	774	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{774}^2\ \Phi_{387}^2\ \Phi_{129}$
61437	1092	1023	$\frac{2}{93}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{1023}\ \Phi_{341}\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{11}\ \Phi_1^2$
61438	1092	1908	$\frac{1}{53}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{212}\ \Phi_{106}$
61439	1092	1860	$\frac{2}{93}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{310}\ \Phi_{20}\ \Phi_{10}$
61440	1092	2064	$\frac{1}{43}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{129}$
61441	1092	2172	$\frac{6}{181}$	$\frac{25}{181}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2172}\ \Phi_{1086}\ \Phi_{12}^2\ \Phi_6^2$
61442	1092	1740	$\frac{1}{29}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{290}\ \Phi_{116}\ \Phi_{58}$
61443	1092	216	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{216}^6\ \Phi_{108}^4\ \Phi_{72}^6\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^6\ \Phi_{24}^3\ \Phi_{18}^4\ \Phi_{12}^2\ \Phi_9^6\ \Phi_8^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
61444	1092	2172	$\frac{12}{181}$	$\frac{13}{181}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2172}\ \Phi_{1086}\ \Phi_{12}^2\ \Phi_6^2$
61445	1092	420	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^2\ \Phi_{140}^4\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
61446	1092	1395	$\frac{3}{155}$	$\frac{2}{9}$	$\frac{38}{155}$	$\frac{1}{3}$	$\Phi_{1395}\ \Phi_{279}\ \Phi_{155}\ \Phi_{45}\ \Phi_{31}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
61447	1092	840	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{29}{120}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{21}$
61448	1092	1245	$\frac{3}{83}$	$\frac{2}{15}$	$\frac{20}{83}$	$\frac{1}{3}$	$\Phi_{1245}\ \Phi_{415}\ \Phi_{83}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
61449	1092	360	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{45}^3\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
61450	1092	279	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{279}^5\ \Phi_{31}^5\ \Phi_9^6\ \Phi_1^6$
61451	1092	189	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{189}^7\ \Phi_{63}^6\ \Phi_{21}^7\ \Phi_7^6$
61452	1092	1395	$\frac{11}{155}$	$\frac{12}{155}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1395}\ \Phi_{279}\ \Phi_{155}\ \Phi_{45}\ \Phi_{31}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
61453	1092	1638	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{234}\ \Phi_{182}\ \Phi_{91}\ \Phi_{26}$
61454	1092	675	$\frac{1}{27}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{75}\ \Phi_{27}^2\ \Phi_{25}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
61455	1092	1995	$\frac{4}{95}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{399}\ \Phi_{21}$
61456	1092	330	$\frac{1}{22}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{330}^3\ \Phi_{165}^3\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{55}^4\ \Phi_{33}^4\ \Phi_{30}^3\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
61457	1092	1575	$\frac{2}{45}$	$\frac{1}{7}$	$\frac{43}{225}$	$\frac{1}{3}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{175}\ \Phi_{21}$
61458	1092	672	$\frac{5}{96}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{21}$
61459	1092	756	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{17}{108}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{84}^2\ \Phi_{28}^2\ \Phi_{21}$
61460	1092	1245	$\frac{5}{83}$	$\frac{2}{15}$	$\frac{13}{83}$	$\frac{1}{3}$	$\Phi_{1245}\ \Phi_{415}\ \Phi_{83}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
61461	1092	1848	$\frac{5}{77}$	$\frac{1}{8}$	$\frac{12}{77}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{168}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
61462	1092	1641	$\frac{37}{547}$	$\frac{66}{547}$	$\frac{85}{547}$	$\frac{1}{3}$	Φ_{1641}
61463	1092	1722	$\frac{1}{14}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{3}$	$\Phi_{1722}\ \Phi_{861}\ \Phi_{246}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
61464	1092	1641	$\frac{36}{547}$	$\frac{73}{547}$	$\frac{79}{547}$	$\frac{1}{3}$	Φ_{1641}
61465	1092	105	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{105}^{12}\ \Phi_{35}^{12}\ \Phi_{21}^{13}\ \Phi_7^{12}$
61466	1092	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{168}^{11}\ \Phi_{84}^{11}\ \Phi_{42}^5\ \Phi_{24}^{12}\ \Phi_{21}^6\ \Phi_{12}^{12}\ \Phi_6^6\ \Phi_3^6$
61467	1092	693	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{77}^2\ \Phi_{21}$
61468	1092	2100	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{84}\ \Phi_{21}$
61469	1092	1245	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1245}\ \Phi_{415}\ \Phi_{83}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
61470	1092	1560	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{130}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
61471	1092	264	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{264}^7\ \Phi_{132}^5\ \Phi_{66}^5\ \Phi_{33}^6\ \Phi_{24}^8\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
61472	1092	1485	$\frac{1}{45}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{44}{135}$	$\Phi_{1485}\ \Phi_{297}\ \Phi_{135}^2\ \Phi_{27}^2\ \Phi_{11}\ \Phi_1^2$
61473	1092	540	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{44}{135}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{108}^4\ \Phi_{54}^4\ \Phi_{20}\ \Phi_{10}$
61474	1092	1494	$\frac{2}{83}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{27}{83}$	$\Phi_{1494}\ \Phi_{747}\ \Phi_{83}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
61475	1092	1328	$\frac{2}{83}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{27}{83}$	$\Phi_{1328}\ \Phi_{664}\ \Phi_{83}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
61476	1092	615	$\frac{2}{41}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{41}$	$\Phi_{615}^2\ \Phi_{205}\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_{15}^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
61477	1092	171	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{6}{19}$	$\Phi_{171}^6\ \Phi_{57}^6\ \Phi_{19}^8\ \Phi_9^9\ \Phi_3^9\ \Phi_1^{12}$
61478	1092	760	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{6}{19}$	$\Phi_{760}^2\ \Phi_{380}^2\ \Phi_{190}^2\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3$
61479	1092	1091	$\frac{65}{1091}$	$\frac{107}{1091}$	$\frac{246}{1091}$	$\frac{342}{1091}$	$\Phi_{1091}\ \Phi_1^2$
61480	1092	1256	$\frac{10}{157}$	$\frac{1}{8}$	$\frac{27}{157}$	$\frac{49}{157}$	$\Phi_{1256}\ \Phi_{628}\ \Phi_{314}$
61481	1092	1091	$\frac{74}{1091}$	$\frac{129}{1091}$	$\frac{188}{1091}$	$\frac{339}{1091}$	$\Phi_{1091}\ \Phi_1^2$
61482	1092	1716	$\frac{3}{44}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{429}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
61483	1092	1370	$\frac{19}{274}$	$\frac{27}{274}$	$\frac{1}{5}$	$\frac{85}{274}$	$\Phi_{1370}\ \Phi_{685}\ \Phi_{10}$
61484	1092	170	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{4}{17}$	$\frac{3}{10}$	$\Phi_{170}^6\ \Phi_{85}^6\ \Phi_{34}^6\ \Phi_{17}^9\ \Phi_{10}^8\ \Phi_5^8\ \Phi_2^8\ \Phi_1^{12}$
61485	1092	70	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{70}^{17}\ \Phi_{35}^{17}\ \Phi_{14}^{16}\ \Phi_{10}^9\ \Phi_7^{16}\ \Phi_5^8\ \Phi_2^8\ \Phi_1^8$
61486	1092	1091	$\frac{59}{1091}$	$\frac{119}{1091}$	$\frac{258}{1091}$	$\frac{324}{1091}$	$\Phi_{1091}\ \Phi_1^2$
61487	1092	238	$\frac{1}{14}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{238}^5\ \Phi_{119}^5\ \Phi_{34}^5\ \Phi_{14}^4\ \Phi_7^4\ \Phi_2^4$
61488	1092	1091	$\frac{69}{1091}$	$\frac{146}{1091}$	$\frac{194}{1091}$	$\frac{315}{1091}$	$\Phi_{1091}\ \Phi_1^2$
61489	1092	1370	$\frac{15}{274}$	$\frac{37}{274}$	$\frac{1}{5}$	$\frac{79}{274}$	$\Phi_{1370}\ \Phi_{685}\ \Phi_{10}$
61490	1092	1044	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{1044}^2\ \Phi_{522}\ \Phi_{261}\ \Phi_{116}\ \Phi_{58}$
61491	1092	1494	$\frac{3}{83}$	$\frac{1}{6}$	$\frac{20}{83}$	$\frac{5}{18}$	$\Phi_{1494}\ \Phi_{747}\ \Phi_{83}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
61492	1092	990	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{110}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{10}$
61493	1092	1494	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1494}\ \Phi_{747}\ \Phi_{83}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
61494	1092	630	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{35}\ \Phi_{21}$
61495	1092	1494	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1494}\ \Phi_{747}\ \Phi_{83}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
61496	1092	936	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{234}\ \Phi_{117}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
61497	1092	1320	$\frac{1}{30}$	$\frac{2}{11}$	$\frac{29}{120}$	$\frac{3}{11}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{264}\ \Phi_{220}\ \Phi_{132}\ \Phi_{120}^2\ \Phi_{88}\ \Phi_{60}^2\ \Phi_{44}\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
61498	1092	1045	$\frac{4}{95}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{1045}\ \Phi_{209}\ \Phi_{95}^2\ \Phi_{19}^2\ \Phi_{11}\ \Phi_1^2$
61499	1092	1056	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}^2\ \Phi_{88}\ \Phi_{48}^2\ \Phi_{44}\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
61500	1092	1188	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{132}\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
61501	1092	165	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{165}^6\ \Phi_{55}^6\ \Phi_{33}^6\ \Phi_{15}^{12}\ \Phi_{11}^7\ \Phi_5^{12}\ \Phi_3^{12}\ \Phi_1^{14}$
61502	1092	616	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{616}^2\ \Phi_{308}^2\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}^4\ \Phi_{44}\ \Phi_{28}^4\ \Phi_{14}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
61503	1092	99	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{99}^{11}\ \Phi_{33}^{11}\ \Phi_{11}^{12}\ \Phi_9^{10}\ \Phi_3^{10}\ \Phi_1^{12}$
61504	1092	1100	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{220}\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{44}\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
61505	1092	1500	$\frac{11}{375}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{300}\ \Phi_{250}\ \Phi_{150}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
61506	1092	1091	$\frac{62}{1091}$	$\frac{147}{1091}$	$\frac{236}{1091}$	$\frac{285}{1091}$	$\Phi_{1091}\ \Phi_1^2$
61507	1092	1190	$\frac{1}{14}$	$\frac{9}{85}$	$\frac{19}{85}$	$\frac{22}{85}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{238}\ \Phi_{170}\ \Phi_{119}\ \Phi_{70}\ \Phi_{35}\ \Phi_{34}\ \Phi_{10}$
61508	1092	1091	$\frac{75}{1091}$	$\frac{116}{1091}$	$\frac{254}{1091}$	$\frac{279}{1091}$	$\Phi_{1091}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
61509	1092	1256	$\frac{9}{157}$	$\frac{1}{8}$	$\frac{37}{157}$	$\frac{40}{157}$	$\Phi_{1256}\ \Phi_{628}\ \Phi_{314}$
61510	1092	464	$\frac{1}{29}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{464}^3\ \Phi_{232}^3\ \Phi_{116}\ \Phi_{58}$
61511	1092	120	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{29}{120}$	$\frac{1}{4}$	$\Phi_{120}^{12}\ \Phi_{60}^4\ \Phi_{40}^{12}\ \Phi_{30}^8\ \Phi_{24}^{12}\ \Phi_{20}^5\ \Phi_{15}^8\ \Phi_{12}^4\ \Phi_{10}^9\ \Phi_8^{12}\ \Phi_6^8\ \Phi_5^8\ \Phi_4^4\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
61512	1092	1328	$\frac{3}{83}$	$\frac{3}{16}$	$\frac{20}{83}$	$\frac{1}{4}$	$\Phi_{1328}\ \Phi_{664}\ \Phi_{83}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
61513	1092	136	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{4}{17}$	$\frac{1}{4}$	$\Phi_{136}^9\ \Phi_{68}^6\ \Phi_{34}^6\ \Phi_{17}^9\ \Phi_8^{12}\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{12}$
61514	1092	292	$\frac{5}{73}$	$\frac{8}{73}$	$\frac{17}{73}$	$\frac{1}{4}$	$\Phi_{292}^5\ \Phi_{146}^5\ \Phi_4^4\ \Phi_2^4$
61515	1092	252	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{252}^6\ \Phi_{126}^3\ \Phi_{84}^6\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{36}^3\ \Phi_{28}^8\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_9^3\ \Phi_7^4\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
61516	1092	1460	$\frac{22}{365}$	$\frac{49}{365}$	$\frac{79}{365}$	$\frac{1}{4}$	$\Phi_{1460}\ \Phi_{730}\ \Phi_{292}\ \Phi_{146}\ \Phi_{20}\ \Phi_{10}$
61517	1092	380	$\frac{4}{95}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{380}^4\ \Phi_{190}^4\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{20}\ \Phi_{10}$
61518	1092	900	$\frac{2}{45}$	$\frac{43}{225}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{20}\ \Phi_{10}$
61519	1092	880	$\frac{1}{22}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{10}$
61520	1092	480	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
61521	1092	540	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}\ \Phi_{135}^3\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
61522	1092	60	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{60}^{24}\ \Phi_{30}^{24}\ \Phi_{20}^{25}\ \Phi_{12}^{24}\ \Phi_{10}^{25}\ \Phi_6^{24}\ \Phi_4^{24}\ \Phi_2^{24}$
61523	1092	280	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{280}^6\ \Phi_{140}^4\ \Phi_{70}^5\ \Phi_{40}^3\ \Phi_{35}^5\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
61524	1092	1980	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{110}\ \Phi_{20}\ \Phi_{10}$
61525	1092	1620	$\frac{4}{45}$	$\frac{41}{405}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{324}\ \Phi_{270}\ \Phi_{162}\ \Phi_{108}\ \Phi_{54}\ \Phi_{20}\ \Phi_{10}$
61526	1092	100	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{100}^{12}\ \Phi_{50}^{12}\ \Phi_{25}^{12}\ \Phi_{20}^5\ \Phi_{10}^9\ \Phi_5^8\ \Phi_4^4\ \Phi_2^8\ \Phi_1^8$
61527	1092	1328	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1328}\ \Phi_{664}\ \Phi_{83}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
61528	1092	1680	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{168}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
61529	1092	1328	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1328}\ \Phi_{664}\ \Phi_{83}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
61530	1092	208	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{208}^7\ \Phi_{104}^4\ \Phi_{52}^5\ \Phi_{26}^5\ \Phi_{13}^4$
61531	1092	425	$\frac{1}{17}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{4}{17}$	$\Phi_{425}^3\ \Phi_{25}^4\ \Phi_{17}^3\ \Phi_1^4$
61532	1092	350	$\frac{1}{14}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{350}^4\ \Phi_{175}^4\ \Phi_{70}\ \Phi_{50}^4\ \Phi_{35}\ \Phi_{10}$
61533	1092	615	$\frac{5}{41}$	$\frac{2}{15}$	$\frac{6}{41}$	$\frac{1}{5}$	$\Phi_{615}^2\ \Phi_{205}\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_{15}^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
61534	1092	840	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{14}^2$
61535	1093	2176	$\frac{5}{1088}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1083}{2176}$	$\Phi_{2176}\ \Phi_{128}\ \Phi_8\ \Phi_1$
61536	1093	1872	$\frac{1}{156}$	$\frac{157}{936}$	$\frac{779}{1872}$	$\frac{155}{312}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{144}\ \Phi_{104}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
61537	1093	1314	$\frac{2}{219}$	$\frac{221}{1314}$	$\frac{1}{3}$	$\frac{217}{438}$	$\Phi_{1314}\ \Phi_{657}\ \Phi_{219}\ \Phi_{73}\ \Phi_{18}\ \Phi_9\ \Phi_1$
61538	1093	2016	$\frac{1}{84}$	$\frac{85}{1008}$	$\frac{923}{2016}$	$\frac{83}{168}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{96}\ \Phi_{56}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
61539	1093	1512	$\frac{1}{84}$	$\frac{85}{504}$	$\frac{419}{1512}$	$\frac{83}{168}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{56}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
61540	1093	1344	$\frac{1}{84}$	$\frac{251}{1344}$	$\frac{85}{336}$	$\frac{83}{168}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
61541	1093	2160	$\frac{13}{1080}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1067}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
61542	1093	2160	$\frac{13}{1080}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1067}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}\ \Phi_{15}\ \Phi_5\ \Phi_1$
61543	1093	2160	$\frac{13}{1080}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1067}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
61544	1093	1464	$\frac{5}{366}$	$\frac{1}{6}$	$\frac{371}{1464}$	$\frac{361}{732}$	$\Phi_{1464}\ \Phi_{488}\ \Phi_{366}\ \Phi_{183}\ \Phi_{122}\ \Phi_{61}\ \Phi_{24}\ \Phi_8\ \Phi_1$
61545	1093	2080	$\frac{1}{52}$	$\frac{53}{1040}$	$\frac{987}{2080}$	$\frac{51}{104}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{160}\ \Phi_{104}\ \Phi_{32}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
61546	1093	1560	$\frac{1}{52}$	$\frac{53}{520}$	$\frac{467}{1560}$	$\frac{51}{104}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
61547	1093	1248	$\frac{1}{52}$	$\frac{155}{1248}$	$\frac{53}{208}$	$\frac{51}{104}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
61548	1093	2128	$\frac{29}{1064}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{1035}{2128}$	$\Phi_{2128}\ \Phi_{304}\ \Phi_{112}\ \Phi_{56}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
61549	1093	2112	$\frac{37}{1056}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1019}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
61550	1093	2080	$\frac{53}{1040}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{987}{2080}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{160}\ \Phi_{65}\ \Phi_{32}\ \Phi_{5}\ \Phi_{1}$
61551	1093	1326	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{233}{1326}$	$\frac{209}{442}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{221}\ \Phi_{102}\ \Phi_{78}\ \Phi_{51}\ \Phi_{39}\ \Phi_{17}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
61552	1093	1440	$\frac{13}{360}$	$\frac{1}{12}$	$\frac{347}{1440}$	$\frac{11}{24}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
61553	1093	1152	$\frac{59}{1152}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
61554	1093	1296	$\frac{13}{216}$	$\frac{1}{12}$	$\frac{203}{1296}$	$\frac{11}{24}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
61555	1093	1200	$\frac{1}{12}$	$\frac{107}{1200}$	$\frac{13}{120}$	$\frac{11}{24}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
61556	1093	2016	$\frac{1}{42}$	$\frac{85}{1008}$	$\frac{41}{126}$	$\frac{923}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{126}\ \Phi_{96}\ \Phi_{63}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
61557	1093	2016	$\frac{1}{28}$	$\frac{85}{1008}$	$\frac{27}{112}$	$\frac{923}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{112}\ \Phi_{96}\ \Phi_{56}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
61558	1093	1512	$\frac{1}{42}$	$\frac{41}{378}$	$\frac{419}{1512}$	$\frac{337}{756}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
61559	1093	1960	$\frac{1}{28}$	$\frac{113}{980}$	$\frac{27}{140}$	$\frac{867}{1960}$	$\Phi_{1960}\ \Phi_{392}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
61560	1093	1344	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{251}{1344}$	$\frac{197}{448}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
61561	1093	1110	$\frac{17}{1110}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1110}\ \Phi_{555}\ \Phi_{370}\ \Phi_{222}\ \Phi_{185}\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
61562	1093	1872	$\frac{1}{78}$	$\frac{157}{936}$	$\frac{77}{234}$	$\frac{779}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{48}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
61563	1093	1170	$\frac{77}{1170}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{117}\ \Phi_{90}\ \Phi_{78}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
61564	1093	1560	$\frac{1}{78}$	$\frac{77}{390}$	$\frac{467}{1560}$	$\frac{313}{780}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
61565	1093	1792	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{197}{896}$	$\frac{699}{1792}$	$\Phi_{1792}\ \Phi_{256}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
61566	1093	1152	$\frac{59}{1152}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
61567	1093	1768	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{209}{884}$	$\frac{675}{1768}$	$\Phi_{1768}\ \Phi_{221}\ \Phi_{136}\ \Phi_{104}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
61568	1093	1752	$\frac{2}{219}$	$\frac{217}{876}$	$\frac{1}{3}$	$\frac{659}{1752}$	$\Phi_{1752}\ \Phi_{584}\ \Phi_{219}\ \Phi_{73}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
61569	1093	1632	$\frac{5}{544}$	$\frac{1}{4}$	$\frac{539}{1632}$	$\frac{3}{8}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{96}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
61570	1093	1104	$\frac{11}{1104}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{48}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
61571	1093	1360	$\frac{5}{272}$	$\frac{267}{1360}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
61572	1093	1120	$\frac{27}{1120}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
61573	1093	1224	$\frac{5}{136}$	$\frac{131}{1224}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{72}\ \Phi_{51}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
61574	1093	1152	$\frac{59}{1152}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
61575	1093	1116	$\frac{23}{1116}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1116}\ \Phi_{558}\ \Phi_{372}\ \Phi_{279}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
61576	1093	1680	$\frac{1}{28}$	$\frac{27}{280}$	$\frac{253}{840}$	$\frac{587}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
61577	1093	1656	$\frac{11}{276}$	$\frac{1}{12}$	$\frac{265}{828}$	$\frac{563}{1656}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{72}\ \Phi_{69}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
61578	1093	1260	$\frac{1}{42}$	$\frac{167}{1260}$	$\frac{41}{126}$	$\frac{85}{252}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
61579	1093	1404	$\frac{1}{78}$	$\frac{311}{1404}$	$\frac{77}{234}$	$\frac{157}{468}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{234}\ \Phi_{117}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
61580	1093	1620	$\frac{13}{540}$	$\frac{2}{15}$	$\frac{527}{1620}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
61581	1093	1125	$\frac{32}{1125}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{225}\ \Phi_{125}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
61582	1093	1440	$\frac{13}{360}$	$\frac{2}{15}$	$\frac{347}{1440}$	$\frac{1}{3}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
61583	1093	1140	$\frac{47}{1140}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
61584	1093	1350	$\frac{13}{270}$	$\frac{2}{15}$	$\frac{257}{1350}$	$\frac{1}{3}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
61585	1093	1170	$\frac{77}{1170}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{130}\ \Phi_{117}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}$
61586	1093	1260	$\frac{13}{180}$	$\frac{167}{1260}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
61587	1093	1200	$\frac{107}{1200}$	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}\ \Phi_{16}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
61588	1093	1215	$\frac{13}{135}$	$\frac{122}{1215}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{81}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
61589	1093	1512	$\frac{1}{42}$	$\frac{85}{504}$	$\frac{419}{1512}$	$\frac{41}{126}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{63}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
61590	1093	1620	$\frac{13}{540}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{527}{1620}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
61591	1093	1584	$\frac{37}{528}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{491}{1584}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{144}\ \Phi_{99}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
61592	1093	1560	$\frac{1}{13}$	$\frac{53}{520}$	$\frac{12}{65}$	$\frac{467}{1560}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{120}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
61593	1093	1440	$\frac{13}{360}$	$\frac{1}{6}$	$\frac{347}{1440}$	$\frac{5}{18}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
61594	1093	1134	$\frac{41}{1134}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{162}\ \Phi_{126}\ \Phi_{81}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
61595	1093	1350	$\frac{13}{270}$	$\frac{1}{6}$	$\frac{257}{1350}$	$\frac{5}{18}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
61596	1093	1152	$\frac{59}{1152}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
61597	1093	1296	$\frac{13}{216}$	$\frac{203}{1296}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{48}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
61598	1093	1170	$\frac{77}{1170}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{130}\ \Phi_{117}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
61599	1093	1260	$\frac{13}{180}$	$\frac{167}{1260}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
61600	1093	1188	$\frac{95}{1188}$	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
61601	1093	1344	$\frac{1}{28}$	$\frac{251}{1344}$	$\frac{27}{112}$	$\frac{85}{336}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{112}\ \Phi_{96}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
61602	1093	1300	$\frac{1}{13}$	$\frac{207}{1300}$	$\frac{12}{65}$	$\frac{53}{260}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{325}\ \Phi_{100}\ \Phi_{65}\ \Phi_{50}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}$
61603	1094	3264	$\frac{3}{544}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{541}{1088}$	$\Phi_{3264}\ \Phi_{192}\ \Phi_{12}\ \Phi_{6}$
61604	1094	552	$\frac{5}{552}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{184}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{24}\ \Phi_{23}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
61605	1094	822	$\frac{1}{137}$	$\frac{136}{411}$	$\frac{1}{3}$	$\frac{275}{822}$	$\Phi_{822}^2\ \Phi_{411}\ \Phi_{274}^2\ \Phi_{6}^2\ \Phi_{2}^2$
61606	1094	816	$\frac{3}{272}$	$\frac{1}{4}$	$\frac{269}{816}$	$\frac{1}{3}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}^2\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}^2\ \Phi_{24}\ \Phi_{17}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
61607	1094	2040	$\frac{3}{136}$	$\frac{133}{680}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
61608	1094	1680	$\frac{13}{560}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
61609	1094	612	$\frac{3}{68}$	$\frac{65}{612}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}\ \Phi_{153}^2\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{36}^2\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{17}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
61610	1094	576	$\frac{29}{576}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}\ \Phi_{72}^2\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
61611	1095	872	$\frac{1}{218}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{217}{436}$	$\Phi_{872}^2\ \Phi_{436}\ \Phi_8^3\ \Phi_4\ \Phi_1$
61612	1095	1452	$\frac{2}{363}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{361}{726}$	$\Phi_{1452}\ \Phi_{484}\ \Phi_{363}\ \Phi_{132}\ \Phi_{121}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
61613	1095	488	$\frac{1}{122}$	$\frac{1}{4}$	$\frac{123}{488}$	$\frac{121}{244}$	$\Phi_{488}^3\ \Phi_{244}^2\ \Phi_{122}\ \Phi_{61}\ \Phi_8^3\ \Phi_4\ \Phi_1$
61614	1095	1008	$\frac{1}{72}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{71}{144}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{144}^3\ \Phi_{112}^2\ \Phi_{48}^3\ \Phi_{28}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
61615	1095	1008	$\frac{1}{72}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{71}{144}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{144}^3\ \Phi_{112}^2\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_7^2\ \Phi_1^3$
61616	1095	144	$\frac{1}{72}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{71}{144}$	$\Phi_{144}^{15}\ \Phi_{48}^{15}\ \Phi_{16}^{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
61617	1095	1290	$\frac{4}{215}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{211}{430}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{258}\ \Phi_{215}\ \Phi_{129}\ \Phi_{43}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
61618	1095	264	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{15}{88}$	$\frac{43}{88}$	$\Phi_{264}^4\ \Phi_{132}^6\ \Phi_{88}^2\ \Phi_{66}^6\ \Phi_{44}^3\ \Phi_{33}^6\ \Phi_{24}^4\ \Phi_{22}^3\ \Phi_{12}^6\ \Phi_{11}^3\ \Phi_8^2\ \Phi_6^5\ \Phi_4^3\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
61619	1095	420	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{67}{140}$	$\Phi_{420}^6\ \Phi_{140}^3\ \Phi_{84}^6\ \Phi_{60}^6\ \Phi_{30}^2\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^6\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4^3\ \Phi_3\ \Phi_1$
61620	1095	1254	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{199}{418}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{209}\ \Phi_{114}\ \Phi_{66}^2\ \Phi_{57}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{19}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
61621	1095	240	$\frac{1}{20}$	$\frac{7}{80}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{240}^6\ \Phi_{120}^4\ \Phi_{80}^3\ \Phi_{60}^6\ \Phi_{48}^6\ \Phi_{40}^2\ \Phi_{30}^6\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^5\ \Phi_5^3\ \Phi_4^3\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
61622	1095	2100	$\frac{2}{75}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{140}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_5\ \Phi_4\ \Phi_1$
61623	1095	756	$\frac{1}{36}$	$\frac{1}{14}$	$\frac{35}{108}$	$\frac{13}{28}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{28}\ \Phi_{27}^3\ \Phi_4\ \Phi_1$
61624	1095	532	$\frac{3}{76}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{532}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{28}\ \Phi_{19}^3\ \Phi_4\ \Phi_1$
61625	1095	672	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{23}{96}$	$\frac{13}{28}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{28}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
61626	1095	1260	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{17}{90}$	$\frac{13}{28}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{90}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{30}\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
61627	1095	1092	$\frac{5}{78}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{1092}^2\ \Phi_{364}^2\ \Phi_{156}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{28}\ \Phi_{26}\ \Phi_{13}\ \Phi_4\ \Phi_1$
61628	1095	84	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{13}{28}$	$\Phi_{84}^{13}\ \Phi_{42}^{13}\ \Phi_{28}^{14}\ \Phi_{21}^{13}\ \Phi_{14}^{13}\ \Phi_{12}^{12}\ \Phi_7^{13}\ \Phi_6^{12}\ \Phi_4^{13}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
61629	1095	560	$\frac{1}{14}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{13}{28}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}^2\ \Phi_{80}^3\ \Phi_{70}^2\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
61630	1095	2268	$\frac{1}{14}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{13}{28}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{324}\ \Phi_{108}\ \Phi_{81}\ \Phi_{28}\ \Phi_{27}\ \Phi_4\ \Phi_1$
61631	1095	1200	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{1}{6}$	$\frac{181}{400}$	$\Phi_{1200}^2\ \Phi_{400}\ \Phi_{240}^2\ \Phi_{80}\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
61632	1095	132	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{1}{6}$	$\frac{59}{132}$	$\Phi_{132}^{15}\ \Phi_{66}^2\ \Phi_{44}^{15}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{12}^{15}\ \Phi_{11}\ \Phi_6\ \Phi_4^{15}\ \Phi_3\ \Phi_1$
61633	1095	372	$\frac{7}{372}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{372}^3\ \Phi_{186}^3\ \Phi_{124}^3\ \Phi_{93}^3\ \Phi_{62}^3\ \Phi_{31}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
61634	1095	244	$\frac{1}{61}$	$\frac{12}{61}$	$\frac{1}{4}$	$\frac{49}{122}$	$\Phi_{244}^6\ \Phi_{122}\ \Phi_{61}^5\ \Phi_4^5\ \Phi_1^5$
61635	1095	1056	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{43}{176}$	$\frac{133}{352}$	$\Phi_{1056}^2\ \Phi_{352}\ \Phi_{132}^2\ \Phi_{96}^2\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{32}\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
61636	1095	872	$\frac{1}{109}$	$\frac{1}{4}$	$\frac{36}{109}$	$\frac{3}{8}$	$\Phi_{872}^2\ \Phi_{109}^2\ \Phi_8^3\ \Phi_1^3$
61637	1095	296	$\frac{1}{74}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{296}^6\ \Phi_{148}^2\ \Phi_{74}\ \Phi_{37}\ \Phi_8^3\ \Phi_4\ \Phi_1$
61638	1095	672	$\frac{5}{224}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}\ \Phi_{168}^2\ \Phi_{112}\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{56}\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
61639	1095	330	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{18}{55}$	$\frac{37}{110}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{110}\ \Phi_{66}^4\ \Phi_{55}^3\ \Phi_{33}^4\ \Phi_{30}^4\ \Phi_{22}\ \Phi_{15}^4\ \Phi_{11}^3\ \Phi_{10}\ \Phi_6^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^3$
61640	1095	547	$\frac{4}{547}$	$\frac{181}{547}$	$\frac{182}{547}$	$\frac{183}{547}$	$\Phi_{547}^2\ \Phi_1^3$
61641	1095	525	$\frac{2}{75}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}^2\ \Phi_{75}^3\ \Phi_{35}^2\ \Phi_{25}^3\ \Phi_{15}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
61642	1095	300	$\frac{2}{75}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^5\ \Phi_{150}^2\ \Phi_{100}^5\ \Phi_{75}^3\ \Phi_{60}^5\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{20}^5\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
61643	1095	396	$\frac{2}{33}$	$\frac{31}{396}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^2\ \Phi_{99}^3\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^3\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
61644	1095	756	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{35}{108}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_7^2\ \Phi_1^3$
61645	1095	108	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{35}{108}$	$\Phi_{108}^{15}\ \Phi_{54}^{15}\ \Phi_{27}^{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
61646	1095	264	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{15}{88}$	$\frac{7}{22}$	$\Phi_{264}^6\ \Phi_{132}^6\ \Phi_{88}^3\ \Phi_{66}^2\ \Phi_{44}^3\ \Phi_{33}^2\ \Phi_{24}^6\ \Phi_{22}\ \Phi_{12}^6\ \Phi_{11}\ \Phi_8^3\ \Phi_6\ \Phi_4^3\ \Phi_3\ \Phi_1$
61647	1095	240	$\frac{7}{80}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^3\ \Phi_{60}^6\ \Phi_{48}^6\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{24}^6\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^2\ \Phi_{12}^6\ \Phi_{10}\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_4^3\ \Phi_3\ \Phi_1$
61648	1095	532	$\frac{3}{76}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{532}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_7^2\ \Phi_1^3$
61649	1095	672	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{23}{96}$	$\frac{2}{7}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_7^2\ \Phi_1^3$
61650	1095	630	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{17}{90}$	$\frac{2}{7}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{90}^3\ \Phi_{70}^2\ \Phi_{45}^3\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
61651	1095	546	$\frac{5}{78}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_7^2\ \Phi_1^3$
61652	1095	84	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{84}^{13}\ \Phi_{42}^{13}\ \Phi_{28}^{13}\ \Phi_{21}^{13}\ \Phi_{14}^{13}\ \Phi_{12}^{12}\ \Phi_7^{15}\ \Phi_6^{12}\ \Phi_4^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{15}$
61653	1095	560	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}^2\ \Phi_{80}^3\ \Phi_{70}^2\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
61654	1095	567	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{567}^2\ \Phi_{189}^2\ \Phi_{81}^3\ \Phi_{27}^3\ \Phi_7^2\ \Phi_1^3$
61655	1095	756	$\frac{13}{378}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{756}^2\ \Phi_{378}\ \Phi_{252}^2\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
61656	1095	300	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{19}{100}$	$\frac{27}{100}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^2\ \Phi_{75}^4\ \Phi_{60}^6\ \Phi_{50}^2\ \Phi_{30}^6\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{10}^3\ \Phi_6^5\ \Phi_5^3\ \Phi_4^3\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
61657	1095	228	$\frac{3}{76}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{228}^6\ \Phi_{114}^6\ \Phi_{76}^3\ \Phi_{57}^6\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
61658	1095	96	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{23}{96}$	$\frac{1}{4}$	$\Phi_{96}^{15}\ \Phi_{48}^{15}\ \Phi_{32}^{15}\ \Phi_{16}^{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
61659	1095	384	$\frac{19}{384}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
61660	1095	180	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{17}{90}$	$\frac{1}{4}$	$\Phi_{180}^{10}\ \Phi_{90}^5\ \Phi_{60}^{10}\ \Phi_{45}^5\ \Phi_{30}^5\ \Phi_{20}^{10}\ \Phi_{15}^5\ \Phi_{12}^2\ \Phi_{10}^5\ \Phi_6\ \Phi_5^5\ \Phi_4\ \Phi_3\ \Phi_1$
61661	1095	156	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{156}^{10}\ \Phi_{78}^5\ \Phi_{52}^{10}\ \Phi_{39}^5\ \Phi_{26}^5\ \Phi_{13}^5\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
61662	1095	432	$\frac{5}{72}$	$\frac{67}{432}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{48}^3\ \Phi_{27}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
61663	1095	396	$\frac{31}{396}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^3\ \Phi_{99}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{12}^2\ \Phi_{11}^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
61664	1095	84	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{84}^{15}\ \Phi_{42}^{15}\ \Phi_{28}^{15}\ \Phi_{21}^{15}\ \Phi_{14}^{15}\ \Phi_{12}^2\ \Phi_7^{15}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
61665	1095	240	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^3\ \Phi_{60}^6\ \Phi_{48}^6\ \Phi_{40}^3\ \Phi_{30}^6\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^6\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
61666	1095	324	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{324}^5\ \Phi_{162}^2\ \Phi_{108}^5\ \Phi_{81}^3\ \Phi_{54}^2\ \Phi_{27}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
61667	1095	840	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{6}$	$\frac{61}{280}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{56}\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
61668	1096	273	$\frac{1}{273}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{136}{273}$	$\Phi_{273}^4\ \Phi_{91}^4\ \Phi_{39}^4\ \Phi_{21}^4\ \Phi_{13}^4\ \Phi_7^4\ \Phi_3^5\ \Phi_1^6$
61669	1096	219	$\frac{1}{219}$	$\frac{55}{219}$	$\frac{82}{219}$	$\frac{109}{219}$	$\Phi_{219}^5\ \Phi_{73}^5\ \Phi_3^5\ \Phi_1^6$
61670	1096	183	$\frac{1}{183}$	$\frac{46}{183}$	$\frac{1}{3}$	$\frac{91}{183}$	$\Phi_{183}^6\ \Phi_{61}^6\ \Phi_3^5\ \Phi_1^6$
61671	1096	545	$\frac{3}{545}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{271}{545}$	$\Phi_{545}^2\ \Phi_{109}^2\ \Phi_5^3\ \Phi_1^4$
61672	1096	1089	$\frac{7}{1089}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{541}{1089}$	$\Phi_{1089}\ \Phi_{363}\ \Phi_{121}\ \Phi_{99}\ \Phi_{33}\ \Phi_{11}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
61673	1096	1904	$\frac{1}{136}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{135}{272}$	$\Phi_{1904}\ \Phi_{272}^2\ \Phi_{112}\ \Phi_{16}^2\ \Phi_7\ \Phi_1^2$
61674	1096	4080	$\frac{1}{136}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{135}{272}$	$\Phi_{4080}\ \Phi_{240}\ \Phi_{15}$
61675	1096	365	$\frac{3}{365}$	$\frac{91}{365}$	$\frac{92}{365}$	$\frac{181}{365}$	$\Phi_{365}^3\ \Phi_{73}^3\ \Phi_5^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
61676	1096	511	$\frac{1}{73}$	$\frac{37}{511}$	$\frac{237}{511}$	$\frac{36}{73}$	$\Phi_{511}^2\ \Phi_{73}^3\ \Phi_{7}^2\ \Phi_{1}^4$
61677	1096	270	$\frac{2}{135}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{133}{270}$	$\Phi_{270}^8\ \Phi_{90}^8\ \Phi_{54}^8\ \Phi_{30}^8\ \Phi_{18}^8\ \Phi_{15}\ \Phi_{10}^8\ \Phi_{6}^8\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^8\ \Phi_{1}^2$
61678	1096	270	$\frac{2}{135}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{133}{270}$	$\Phi_{270}^8\ \Phi_{90}^8\ \Phi_{54}^8\ \Phi_{30}^8\ \Phi_{18}^8\ \Phi_{10}^8\ \Phi_{9}^2\ \Phi_{6}^8\ \Phi_{3}\ \Phi_{2}^8\ \Phi_{1}^2$
61679	1096	270	$\frac{2}{135}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{133}{270}$	$\Phi_{270}^8\ \Phi_{90}^8\ \Phi_{54}^8\ \Phi_{30}^8\ \Phi_{18}^8\ \Phi_{10}^8\ \Phi_{6}^8\ \Phi_{5}^3\ \Phi_{2}^8\ \Phi_{1}^4$
61680	1096	915	$\frac{1}{61}$	$\frac{31}{305}$	$\frac{1}{3}$	$\frac{30}{61}$	$\Phi_{915}^2\ \Phi_{183}\ \Phi_{15}^2$
61681	1096	165	$\frac{1}{55}$	$\frac{28}{165}$	$\frac{1}{5}$	$\frac{27}{55}$	$\Phi_{165}^8\ \Phi_{55}^4\ \Phi_{33}^8\ \Phi_{15}^8\ \Phi_{11}^4\ \Phi_{5}^3\ \Phi_{3}^8\ \Phi_{1}^4$
61682	1096	1075	$\frac{21}{1075}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{527}{1075}$	$\Phi_{1075}\ \Phi_{215}\ \Phi_{43}\ \Phi_{25}^2\ \Phi_{5}\ \Phi_{1}^2$
61683	1096	1656	$\frac{1}{46}$	$\frac{1}{9}$	$\frac{47}{184}$	$\frac{45}{92}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{414}\ \Phi_{207}\ \Phi_{138}\ \Phi_{72}\ \Phi_{69}\ \Phi_{24}\ \Phi_{18}\ \Phi_{6}$
61684	1096	1320	$\frac{5}{132}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{127}{264}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{120}^2\ \Phi_{55}\ \Phi_{40}^2$
61685	1096	792	$\frac{5}{132}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{127}{264}$	$\Phi_{792}^3\ \Phi_{264}^2\ \Phi_{88}^2\ \Phi_{72}^3\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
61686	1096	150	$\frac{1}{25}$	$\frac{13}{150}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{150}^8\ \Phi_{75}^8\ \Phi_{50}^8\ \Phi_{30}^8\ \Phi_{25}^4\ \Phi_{15}^8\ \Phi_{10}^8\ \Phi_{6}^8\ \Phi_{5}^3\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^4$
61687	1096	525	$\frac{23}{525}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{251}{525}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{35}^2\ \Phi_{25}^4\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{7}^2\ \Phi_{5}^3\ \Phi_{3}^2\ \Phi_{1}^4$
61688	1096	1045	$\frac{51}{1045}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{497}{1045}$	$\Phi_{1045}\ \Phi_{209}\ \Phi_{95}\ \Phi_{55}^2\ \Phi_{19}\ \Phi_{11}^2\ \Phi_{5}\ \Phi_{1}^2$
61689	1096	405	$\frac{4}{135}$	$\frac{1}{15}$	$\frac{131}{405}$	$\frac{7}{15}$	$\Phi_{405}^4\ \Phi_{81}^4\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
61690	1096	285	$\frac{11}{285}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{285}^4\ \Phi_{95}^4\ \Phi_{57}^4\ \Phi_{19}^4\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
61691	1096	180	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{43}{180}$	$\frac{7}{15}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^8\ \Phi_{36}^8\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{18}^8\ \Phi_{15}\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_{6}^8\ \Phi_{5}\ \Phi_{4}^8\ \Phi_{3}\ \Phi_{2}^8\ \Phi_{1}^2$
61692	1096	675	$\frac{8}{135}$	$\frac{1}{15}$	$\frac{127}{675}$	$\frac{7}{15}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
61693	1096	585	$\frac{37}{585}$	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{117}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
61694	1096	150	$\frac{1}{15}$	$\frac{13}{150}$	$\frac{2}{15}$	$\frac{7}{15}$	$\Phi_{150}^8\ \Phi_{75}^8\ \Phi_{50}^8\ \Phi_{30}^8\ \Phi_{25}^8\ \Phi_{15}\ \Phi_{10}^8\ \Phi_{6}^8\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^8\ \Phi_{1}^2$
61695	1096	315	$\frac{1}{15}$	$\frac{4}{45}$	$\frac{41}{315}$	$\frac{7}{15}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}\ \Phi_{7}^4\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
61696	1096	715	$\frac{6}{143}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{715}^2\ \Phi_{65}^2\ \Phi_{55}$
61697	1096	146	$\frac{9}{146}$	$\frac{7}{73}$	$\frac{10}{73}$	$\frac{33}{73}$	$\Phi_{146}^8\ \Phi_{73}^7\ \Phi_{2}^8\ \Phi_{1}^8$
61698	1096	250	$\frac{1}{25}$	$\frac{12}{125}$	$\frac{1}{5}$	$\frac{113}{250}$	$\Phi_{250}^8\ \Phi_{50}^8\ \Phi_{25}^4\ \Phi_{10}^8\ \Phi_{5}^3\ \Phi_{2}^8\ \Phi_{1}^4$
61699	1096	495	$\frac{2}{55}$	$\frac{53}{495}$	$\frac{1}{5}$	$\frac{221}{495}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{55}^4\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{15}^2\ \Phi_{11}^4\ \Phi_{9}^2\ \Phi_{5}^3\ \Phi_{3}^2\ \Phi_{1}^4$
61700	1096	279	$\frac{5}{279}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{279}^4\ \Phi_{93}^4\ \Phi_{31}^4\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
61701	1096	732	$\frac{1}{61}$	$\frac{15}{122}$	$\frac{1}{3}$	$\frac{107}{244}$	$\Phi_{732}^4\ \Phi_{183}\ \Phi_{12}^4$
61702	1096	1428	$\frac{1}{68}$	$\frac{1}{7}$	$\frac{67}{204}$	$\frac{3}{7}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{357}\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{84}\ \Phi_{51}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}^2\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
61703	1096	140	$\frac{3}{140}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{140}^8\ \Phi_{70}^8\ \Phi_{35}^8\ \Phi_{28}^7\ \Phi_{20}^8\ \Phi_{14}^7\ \Phi_{10}^8\ \Phi_{7}^8\ \Phi_{5}^8\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^8$
61704	1096	1190	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{33}{170}$	$\frac{3}{7}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}^2\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{1}^2$
61705	1096	1008	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}^2\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
61706	1096	1071	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}^2\ \Phi_{63}\ \Phi_{51}^2\ \Phi_{21}\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{3}^2\ \Phi_{1}^2$
61707	1096	144	$\frac{7}{144}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{144}^8\ \Phi_{72}^8\ \Phi_{48}^8\ \Phi_{36}^5\ \Phi_{24}^8\ \Phi_{18}^8\ \Phi_{16}^8\ \Phi_{12}^6\ \Phi_{9}^7\ \Phi_{8}^8\ \Phi_{6}^8\ \Phi_{4}^6\ \Phi_{3}^7\ \Phi_{2}^8\ \Phi_{1}^8$
61708	1096	2070	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{22}{115}$	$\frac{93}{230}$	$\Phi_{2070}\ \Phi_{690}\ \Phi_{414}\ \Phi_{207}\ \Phi_{138}\ \Phi_{90}\ \Phi_{69}\ \Phi_{30}\ \Phi_{18}\ \Phi_{6}$
61709	1096	915	$\frac{2}{183}$	$\frac{181}{915}$	$\frac{1}{3}$	$\frac{367}{915}$	$\Phi_{915}\ \Phi_{305}\ \Phi_{183}^2\ \Phi_{61}^2\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
61710	1096	140	$\frac{3}{140}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{140}^8\ \Phi_{70}^8\ \Phi_{35}^8\ \Phi_{28}^8\ \Phi_{20}^8\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_{7}^8\ \Phi_{5}^3\ \Phi_{4}^8\ \Phi_{2}^8\ \Phi_{1}^4$
61711	1096	146	$\frac{9}{146}$	$\frac{5}{73}$	$\frac{17}{73}$	$\frac{28}{73}$	$\Phi_{146}^8\ \Phi_{73}^7\ \Phi_{2}^8\ \Phi_{1}^8$
61712	1096	220	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{27}{110}$	$\frac{83}{220}$	$\Phi_{220}^8\ \Phi_{55}^4\ \Phi_{44}^8\ \Phi_{20}^8\ \Phi_{11}^4\ \Phi_{5}^3\ \Phi_{4}^8\ \Phi_{1}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
61713	1096	219	$\frac{1}{73}$	$\frac{18}{73}$	$\frac{55}{219}$	$\frac{82}{219}$	$\Phi_{219}^{4}\ \Phi_{73}^{7}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
61714	1096	825	$\frac{4}{275}$	$\frac{1}{5}$	$\frac{271}{825}$	$\frac{277}{825}$	$\Phi_{825}\ \Phi_{275}^{2}\ \Phi_{165}\ \Phi_{75}\ \Phi_{55}^{2}\ \Phi_{33}\ \Phi_{25}^{2}\ \Phi_{15}\ \Phi_{11}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
61715	1096	138	$\frac{1}{138}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{138}^{8}\ \Phi_{69}^{8}\ \Phi_{46}^{8}\ \Phi_{23}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
61716	1096	819	$\frac{2}{273}$	$\frac{271}{819}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{819}^{2}\ \Phi_{117}^{2}\ \Phi_{63}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
61717	1096	546	$\frac{1}{91}$	$\frac{45}{182}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{546}^{2}\ \Phi_{273}\ \Phi_{182}^{4}\ \Phi_{91}^{2}\ \Phi_{78}^{2}\ \Phi_{42}^{2}\ \Phi_{39}\ \Phi_{26}^{4}\ \Phi_{21}\ \Phi_{14}^{4}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
61718	1096	420	$\frac{3}{140}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{4}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{70}^{4}\ \Phi_{60}^{2}\ \Phi_{42}^{2}\ \Phi_{35}^{4}\ \Phi_{30}^{2}\ \Phi_{28}^{4}\ \Phi_{21}\ \Phi_{20}^{4}\ \Phi_{15}^{2}\ \Phi_{14}^{4}\ \Phi_{12}^{2}\ \Phi_{10}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
61719	1096	156	$\frac{1}{39}$	$\frac{19}{156}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{156}^{8}\ \Phi_{78}^{8}\ \Phi_{52}^{8}\ \Phi_{39}^{4}\ \Phi_{26}^{8}\ \Phi_{13}^{4}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
61720	1096	567	$\frac{19}{567}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{567}^{2}\ \Phi_{189}^{2}\ \Phi_{81}^{2}\ \Phi_{63}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
61721	1096	429	$\frac{6}{143}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{429}^{2}\ \Phi_{143}^{4}\ \Phi_{39}\ \Phi_{33}^{2}\ \Phi_{13}^{2}\ \Phi_{11}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
61722	1096	147	$\frac{1}{21}$	$\frac{10}{147}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{147}^{8}\ \Phi_{49}^{8}\ \Phi_{21}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
61723	1096	585	$\frac{2}{39}$	$\frac{37}{585}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{585}^{2}\ \Phi_{195}^{2}\ \Phi_{117}^{2}\ \Phi_{65}^{2}\ \Phi_{45}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
61724	1096	1020	$\frac{1}{68}$	$\frac{1}{5}$	$\frac{67}{204}$	$\frac{1}{3}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}^{2}\ \Phi_{255}\ \Phi_{170}^{2}\ \Phi_{85}^{2}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$
61725	1096	405	$\frac{4}{135}$	$\frac{1}{9}$	$\frac{131}{405}$	$\frac{1}{3}$	$\Phi_{405}^{4}\ \Phi_{81}^{4}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
61726	1096	567	$\frac{19}{567}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{567}^{2}\ \Phi_{189}^{2}\ \Phi_{81}^{2}\ \Phi_{63}^{2}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
61727	1096	183	$\frac{1}{61}$	$\frac{15}{61}$	$\frac{46}{183}$	$\frac{1}{3}$	$\Phi_{183}^{5}\ \Phi_{61}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
61728	1096	420	$\frac{3}{140}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{4}\ \Phi_{60}^{3}\ \Phi_{42}^{4}\ \Phi_{30}^{3}\ \Phi_{21}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}$
61729	1096	180	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{43}{180}$	$\frac{1}{3}$	$\Phi_{180}^{8}\ \Phi_{90}^{8}\ \Phi_{60}^{8}\ \Phi_{36}^{8}\ \Phi_{30}^{8}\ \Phi_{20}^{8}\ \Phi_{18}^{8}\ \Phi_{12}^{8}\ \Phi_{10}^{8}\ \Phi_{9}^{2}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
61730	1096	144	$\frac{7}{144}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{144}^{8}\ \Phi_{72}^{8}\ \Phi_{48}^{8}\ \Phi_{36}^{8}\ \Phi_{24}^{8}\ \Phi_{18}^{8}\ \Phi_{16}^{8}\ \Phi_{12}^{8}\ \Phi_{9}^{2}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
61731	1096	297	$\frac{7}{99}$	$\frac{23}{297}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{297}^{4}\ \Phi_{99}^{3}\ \Phi_{33}^{3}\ \Phi_{27}^{4}\ \Phi_{11}^{3}\ \Phi_{9}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
61732	1096	510	$\frac{1}{34}$	$\frac{33}{170}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{510}^{3}\ \Phi_{255}^{3}\ \Phi_{102}^{4}\ \Phi_{51}^{4}\ \Phi_{30}^{3}\ \Phi_{15}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}$
61733	1096	720	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{180}^{2}\ \Phi_{120}\ \Phi_{90}^{2}\ \Phi_{80}^{2}\ \Phi_{60}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$
61734	1096	765	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{765}^{2}\ \Phi_{255}\ \Phi_{85}^{2}\ \Phi_{45}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}$
61735	1096	675	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{127}{675}$	$\frac{1}{3}$	$\Phi_{675}^{2}\ \Phi_{225}^{2}\ \Phi_{75}^{2}\ \Phi_{25}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
61736	1096	585	$\frac{37}{585}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{585}^{2}\ \Phi_{195}^{2}\ \Phi_{117}^{2}\ \Phi_{65}^{2}\ \Phi_{39}^{2}\ \Phi_{13}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
61737	1096	162	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{25}{162}$	$\frac{1}{3}$	$\Phi_{162}^{8}\ \Phi_{81}^{8}\ \Phi_{54}^{8}\ \Phi_{18}^{8}\ \Phi_{9}^{2}\ \Phi_{6}^{8}\ \Phi_{3}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
61738	1096	297	$\frac{23}{297}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{297}^{4}\ \Phi_{99}^{4}\ \Phi_{33}^{4}\ \Phi_{11}^{4}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
61739	1096	450	$\frac{13}{150}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{450}^{3}\ \Phi_{225}^{3}\ \Phi_{150}^{2}\ \Phi_{90}^{3}\ \Phi_{75}^{2}\ \Phi_{50}^{2}\ \Phi_{30}^{2}\ \Phi_{25}^{2}\ \Phi_{18}^{3}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
61740	1096	315	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{315}$	$\frac{1}{3}$	$\Phi_{315}^{4}\ \Phi_{105}^{4}\ \Phi_{63}^{4}\ \Phi_{35}^{4}\ \Phi_{21}^{4}\ \Phi_{9}^{2}\ \Phi_{7}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
61741	1096	405	$\frac{4}{135}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{131}{405}$	$\Phi_{405}^{4}\ \Phi_{81}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
61742	1096	165	$\frac{2}{55}$	$\frac{28}{165}$	$\frac{1}{5}$	$\frac{53}{165}$	$\Phi_{165}^{6}\ \Phi_{55}^{8}\ \Phi_{33}^{6}\ \Phi_{15}^{6}\ \Phi_{11}^{8}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
61743	1096	990	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{61}{198}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{90}^{2}\ \Phi_{55}\ \Phi_{45}^{2}$
61744	1096	198	$\frac{5}{66}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{61}{198}$	$\Phi_{198}^{5}\ \Phi_{99}^{5}\ \Phi_{66}^{6}\ \Phi_{33}^{6}\ \Phi_{22}^{6}\ \Phi_{18}^{8}\ \Phi_{11}^{6}\ \Phi_{9}^{7}\ \Phi_{6}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
61745	1096	150	$\frac{2}{25}$	$\frac{13}{150}$	$\frac{1}{5}$	$\frac{23}{75}$	$\Phi_{150}^{8}\ \Phi_{75}^{6}\ \Phi_{50}^{8}\ \Phi_{30}^{8}\ \Phi_{25}^{8}\ \Phi_{15}^{6}\ \Phi_{10}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
61746	1096	1485	$\frac{23}{297}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{135}\ \Phi_{55}\ \Phi_{45}$
61747	1096	146	$\frac{9}{146}$	$\frac{10}{73}$	$\frac{13}{73}$	$\frac{21}{73}$	$\Phi_{146}^{8}\ \Phi_{73}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
61748	1096	375	$\frac{1}{25}$	$\frac{24}{125}$	$\frac{1}{5}$	$\frac{101}{375}$	$\Phi_{375}^{4}\ \Phi_{75}^{4}\ \Phi_{25}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
61749	1096	285	$\frac{11}{285}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{285}^4\ \Phi_{95}^4\ \Phi_{57}^4\ \Phi_{19}^4\ \Phi_5^3\ \Phi_1^4$
61750	1096	180	$\frac{2}{45}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{43}{180}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^8\ \Phi_{36}^8\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^3\ \Phi_4^8\ \Phi_2^8\ \Phi_1^4$
61751	1096	770	$\frac{1}{11}$	$\frac{17}{154}$	$\frac{1}{5}$	$\frac{5}{22}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{70}^2\ \Phi_{55}\ \Phi_{35}^2$
61752	1096	880	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{5}$	$\frac{39}{176}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{80}^2\ \Phi_{55}\ \Phi_{40}^2$
61753	1096	175	$\frac{2}{25}$	$\frac{23}{175}$	$\frac{1}{5}$	$\frac{38}{175}$	$\Phi_{175}^6\ \Phi_{35}^6\ \Phi_{25}^8\ \Phi_7^6\ \Phi_5^7\ \Phi_1^8$
61754	1096	150	$\frac{13}{150}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{150}^8\ \Phi_{75}^8\ \Phi_{50}^8\ \Phi_{30}^8\ \Phi_{25}^8\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
61755	1096	315	$\frac{4}{45}$	$\frac{41}{315}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
61756	1096	165	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{28}{165}$	$\frac{1}{5}$	$\Phi_{165}^6\ \Phi_{55}^7\ \Phi_{33}^8\ \Phi_{15}^6\ \Phi_{11}^8\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
61757	1097	2176	$\frac{9}{1088}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1079}{2176}$	$\Phi_{2176}\ \Phi_{128}\ \Phi_{16}\ \Phi_1$
61758	1097	1320	$\frac{3}{220}$	$\frac{223}{1320}$	$\frac{1}{4}$	$\frac{217}{440}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
61759	1097	2160	$\frac{17}{1080}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1063}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
61760	1097	2160	$\frac{17}{1080}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1063}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
61761	1097	1472	$\frac{7}{368}$	$\frac{1}{8}$	$\frac{375}{1472}$	$\frac{361}{736}$	$\Phi_{1472}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{64}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_1$
61762	1097	1200	$\frac{3}{100}$	$\frac{103}{1200}$	$\frac{1}{4}$	$\frac{97}{200}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
61763	1097	2112	$\frac{41}{1056}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1015}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{64}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
61764	1097	2112	$\frac{41}{1056}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1015}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
61765	1097	1144	$\frac{47}{1144}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{1144}\ \Phi_{572}\ \Phi_{286}\ \Phi_{143}\ \Phi_{104}\ \Phi_{52}\ \Phi_{44}\ \Phi_{26}\ \Phi_{22}\ \Phi_{13}\ \Phi_{11}\ \Phi_1$
61766	1097	2000	$\frac{3}{100}$	$\frac{97}{1000}$	$\frac{1}{4}$	$\frac{903}{2000}$	$\Phi_{2000}\ \Phi_{400}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
61767	1097	1632	$\frac{9}{544}$	$\frac{1}{8}$	$\frac{535}{1632}$	$\frac{7}{16}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{96}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
61768	1097	1120	$\frac{23}{1120}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
61769	1097	1360	$\frac{9}{272}$	$\frac{1}{8}$	$\frac{263}{1360}$	$\frac{7}{16}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
61770	1097	1152	$\frac{55}{1152}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
61771	1097	1152	$\frac{55}{1152}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
61772	1097	1120	$\frac{23}{1120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
61773	1097	1840	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{177}{920}$	$\frac{743}{1840}$	$\Phi_{1840}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{80}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_1$
61774	1097	1760	$\frac{3}{220}$	$\frac{217}{880}$	$\frac{1}{4}$	$\frac{663}{1760}$	$\Phi_{1760}\ \Phi_{352}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
61775	1097	1644	$\frac{1}{137}$	$\frac{136}{411}$	$\frac{547}{1644}$	$\frac{275}{822}$	$\Phi_{1644}\ \Phi_{548}\ \Phi_{411}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
61776	1097	1620	$\frac{17}{540}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{523}{1620}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
61777	1097	1188	$\frac{3}{44}$	$\frac{91}{1188}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{108}\ \Phi_{99}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}\ \Phi_{27}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
61778	1097	1584	$\frac{3}{44}$	$\frac{41}{528}$	$\frac{1}{4}$	$\frac{487}{1584}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{144}\ \Phi_{99}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
61779	1097	1584	$\frac{41}{528}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{487}{1584}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{144}\ \Phi_{99}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
61780	1097	1440	$\frac{17}{360}$	$\frac{1}{8}$	$\frac{343}{1440}$	$\frac{7}{24}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
61781	1097	1152	$\frac{55}{1152}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
61782	1097	1296	$\frac{17}{216}$	$\frac{1}{8}$	$\frac{199}{1296}$	$\frac{7}{24}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
61783	1097	1200	$\frac{103}{1200}$	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{7}{24}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
61784	1097	1140	$\frac{43}{1140}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
61785	1097	1500	$\frac{3}{100}$	$\frac{97}{500}$	$\frac{1}{4}$	$\frac{403}{1500}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{375}\ \Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
61786	1097	1440	$\frac{17}{360}$	$\frac{3}{20}$	$\frac{343}{1440}$	$\frac{1}{4}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
61787	1097	1232	$\frac{3}{44}$	$\frac{135}{1232}$	$\frac{41}{176}$	$\frac{1}{4}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{112}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
61788	1097	1408	$\frac{3}{44}$	$\frac{41}{352}$	$\frac{311}{1408}$	$\frac{1}{4}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{128}\ \Phi_{64}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
61789	1097	1320	$\frac{3}{44}$	$\frac{41}{264}$	$\frac{223}{1320}$	$\frac{1}{4}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
61790	1097	1200	$\frac{103}{1200}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
61791	1097	1260	$\frac{17}{180}$	$\frac{163}{1260}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
61792	1098	1820	$\frac{1}{182}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{181}{364}$	$\Phi_{1820}\ \Phi_{364}^2\ \Phi_{260}\ \Phi_{140}\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
61793	1098	1092	$\frac{1}{182}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{181}{364}$	$\Phi_{1092}\ \Phi_{546}^2\ \Phi_{273}^2\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{39}^2\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_{6}^3\ \Phi_{3}^2$
61794	1098	3270	$\frac{4}{545}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{541}{1090}$	$\Phi_{3270}\ \Phi_{654}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
61795	1098	1936	$\frac{1}{121}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{60}{121}$	$\Phi_{1936}\ \Phi_{176}\ \Phi_{121}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_{1}^2$
61796	1098	484	$\frac{1}{121}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{60}{121}$	$\Phi_{484}^2\ \Phi_{242}^2\ \Phi_{121}^3\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
61797	1098	660	$\frac{1}{110}$	$\frac{37}{220}$	$\frac{1}{3}$	$\frac{109}{220}$	$\Phi_{660}^2\ \Phi_{330}^3\ \Phi_{165}^3\ \Phi_{132}^2\ \Phi_{66}^3\ \Phi_{60}^2\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{6}^3\ \Phi_{3}^2$
61798	1098	1097	$\frac{13}{1097}$	$\frac{185}{1097}$	$\frac{304}{1097}$	$\frac{542}{1097}$	$\Phi_{1097}\ \Phi_{1}^2$
61799	1098	1468	$\frac{5}{367}$	$\frac{62}{367}$	$\frac{1}{4}$	$\frac{181}{367}$	$\Phi_{1468}\ \Phi_{734}$
61800	1098	2040	$\frac{1}{60}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{59}{120}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{136}\ \Phi_{120}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{8}^2\ \Phi_{1}^2$
61801	1098	120	$\frac{1}{60}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{59}{120}$	$\Phi_{120}^{18}\ \Phi_{40}^{18}\ \Phi_{30}\ \Phi_{24}^{18}\ \Phi_{15}\ \Phi_{8}^{18}\ \Phi_{6}$
61802	1098	2040	$\frac{1}{60}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{59}{120}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{136}\ \Phi_{120}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{8}^2\ \Phi_{1}^2$
61803	1098	840	$\frac{1}{60}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{59}{120}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{168}^3\ \Phi_{56}^3\ \Phi_{28}\ \Phi_{14}$
61804	1098	3234	$\frac{10}{539}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{529}{1078}$	$\Phi_{3234}\ \Phi_{462}\ \Phi_{294}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{6}$
61805	1098	600	$\frac{1}{50}$	$\frac{17}{200}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{600}^3\ \Phi_{300}^2\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{75}^3\ \Phi_{60}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{6}^3\ \Phi_{3}^2$
61806	1098	410	$\frac{1}{41}$	$\frac{1}{10}$	$\frac{21}{82}$	$\frac{20}{41}$	$\Phi_{410}^3\ \Phi_{205}^3\ \Phi_{82}\ \Phi_{41}^2\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{1}^2$
61807	1098	1056	$\frac{7}{176}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{169}{352}$	$\Phi_{1056}^3\ \Phi_{96}^3\ \Phi_{66}\ \Phi_{33}\ \Phi_{6}$
61808	1098	2464	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{169}{352}$	$\Phi_{2464}\ \Phi_{224}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
61809	1098	1716	$\frac{23}{572}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{429}\ \Phi_{156}\ \Phi_{78}\ \Phi_{66}\ \Phi_{39}\ \Phi_{33}\ \Phi_{6}$
61810	1098	1050	$\frac{1}{25}$	$\frac{8}{175}$	$\frac{1}{3}$	$\frac{167}{350}$	$\Phi_{1050}^3\ \Phi_{210}^3\ \Phi_{150}^3\ \Phi_{75}\ \Phi_{42}^3\ \Phi_{30}^3\ \Phi_{15}\ \Phi_{6}^3$
61811	1098	1071	$\frac{2}{63}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}\ \Phi_{119}\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_{17}\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{1}^2$
61812	1098	1530	$\frac{1}{30}$	$\frac{1}{17}$	$\frac{29}{90}$	$\frac{8}{17}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{306}\ \Phi_{153}\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_{9}^2\ \Phi_{1}^2$
61813	1098	1088	$\frac{3}{64}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{1088}\ \Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
61814	1098	1360	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{19}{80}$	$\frac{8}{17}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{272}\ \Phi_{136}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
61815	1098	1105	$\frac{1}{17}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{1105}\ \Phi_{221}\ \Phi_{65}^2\ \Phi_{17}\ \Phi_{13}^2\ \Phi_{1}^2$
61816	1098	1275	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{8}{17}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{17}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
61817	1098	1122	$\frac{1}{17}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{374}\ \Phi_{187}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{17}\ \Phi_{11}^2\ \Phi_1^2$
61818	1098	1224	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{8}{17}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_8^2\ \Phi_1^2$
61819	1098	1190	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{8}{17}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{238}\ \Phi_{119}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{17}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
61820	1098	3000	$\frac{1}{50}$	$\frac{49}{500}$	$\frac{1}{3}$	$\frac{451}{1000}$	$\Phi_{3000}\ \Phi_{600}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
61821	1098	1680	$\frac{11}{560}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
61822	1098	330	$\frac{1}{55}$	$\frac{6}{55}$	$\frac{1}{3}$	$\frac{49}{110}$	$\Phi_{330}^9\ \Phi_{165}\ \Phi_{66}^9\ \Phi_{33}\ \Phi_{30}^9\ \Phi_{15}\ \Phi_6^9$
61823	1098	1488	$\frac{1}{62}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1488}^2\ \Phi_{186}\ \Phi_{93}\ \Phi_{48}\ \Phi_6$
61824	1098	448	$\frac{3}{64}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}^2\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^2$
61825	1098	528	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{528}^4\ \Phi_{176}^3\ \Phi_{66}^2\ \Phi_{48}^4\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{16}^4\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
61826	1098	322	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{1}{7}$	$\frac{139}{322}$	$\Phi_{322}^6\ \Phi_{161}\ \Phi_{46}^6\ \Phi_{14}^6\ \Phi_2^6$
61827	1098	455	$\frac{1}{91}$	$\frac{1}{5}$	$\frac{30}{91}$	$\frac{2}{5}$	$\Phi_{455}^2\ \Phi_{91}^4\ \Phi_{65}^2\ \Phi_{35}^2\ \Phi_{13}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_1^6$
61828	1098	620	$\frac{1}{62}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{620}^2\ \Phi_{310}\ \Phi_{155}\ \Phi_{124}^4\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
61829	1098	315	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{315}^3\ \Phi_{105}^3\ \Phi_{63}^6\ \Phi_{45}^3\ \Phi_{35}^2\ \Phi_{21}^6\ \Phi_{15}^3\ \Phi_9^6\ \Phi_7^4\ \Phi_5^3\ \Phi_3^6\ \Phi_1^6$
61830	1098	1040	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{80}\ \Phi_{52}^2\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
61831	1098	65	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{65}^{17}\ \Phi_{13}^{16}\ \Phi_5^{18}\ \Phi_1^{18}$
61832	1098	980	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{196}^2\ \Phi_{140}\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{28}^2\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
61833	1098	1097	$\frac{11}{1097}$	$\frac{245}{1097}$	$\frac{362}{1097}$	$\frac{426}{1097}$	$\Phi_{1097}\ \Phi_1^2$
61834	1098	2640	$\frac{1}{110}$	$\frac{109}{440}$	$\frac{1}{3}$	$\frac{331}{880}$	$\Phi_{2640}\ \Phi_{528}\ \Phi_{330}\ \Phi_{240}\ \Phi_{165}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
61835	1098	1178	$\frac{1}{62}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1178}\ \Phi_{589}\ \Phi_{38}$
61836	1098	644	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{15}{46}$	$\frac{31}{92}$	$\Phi_{644}^3\ \Phi_{322}\ \Phi_{161}\ \Phi_{28}^3\ \Phi_{14}$
61837	1098	1097	$\frac{14}{1097}$	$\frac{243}{1097}$	$\frac{361}{1097}$	$\frac{368}{1097}$	$\Phi_{1097}\ \Phi_1^2$
61838	1098	1468	$\frac{4}{367}$	$\frac{1}{4}$	$\frac{121}{367}$	$\frac{123}{367}$	$\Phi_{1468}\ \Phi_{734}$
61839	1098	630	$\frac{2}{63}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_6$
61840	1098	1092	$\frac{1}{91}$	$\frac{1}{4}$	$\frac{30}{91}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{156}^2\ \Phi_{84}^2\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{12}^3\ \Phi_6^3$
61841	1098	1650	$\frac{7}{550}$	$\frac{123}{550}$	$\frac{181}{550}$	$\frac{1}{3}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{330}\ \Phi_{165}\ \Phi_{150}\ \Phi_{75}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
61842	1098	660	$\frac{1}{55}$	$\frac{37}{220}$	$\frac{18}{55}$	$\frac{1}{3}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{165}\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{60}^3\ \Phi_{33}\ \Phi_{30}^3\ \Phi_{15}\ \Phi_{12}^3\ \Phi_6^3$
61843	1098	90	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{29}{90}$	$\frac{1}{3}$	$\Phi_{90}^{18}\ \Phi_{45}^{18}\ \Phi_{30}\ \Phi_{18}^{18}\ \Phi_{15}\ \Phi_9^{18}\ \Phi_6$
61844	1098	600	$\frac{1}{25}$	$\frac{17}{200}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{75}\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}\ \Phi_{12}^3\ \Phi_6^3$
61845	1098	66	$\frac{1}{22}$	$\frac{5}{66}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{66}^{16}\ \Phi_{33}^{16}\ \Phi_{22}^{18}\ \Phi_{11}^{18}\ \Phi_6^{16}\ \Phi_3^{15}\ \Phi_2^{18}\ \Phi_1^{18}$
61846	1098	264	$\frac{1}{22}$	$\frac{7}{88}$	$\frac{27}{88}$	$\frac{1}{3}$	$\Phi_{264}^6\ \Phi_{132}^6\ \Phi_{66}^7\ \Phi_{33}^7\ \Phi_{24}^6\ \Phi_{12}^6\ \Phi_6^7\ \Phi_3^6$
61847	1098	570	$\frac{7}{190}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{570}^3\ \Phi_{285}^3\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
61848	1098	1071	$\frac{2}{63}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}\ \Phi_{119}\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_7^2\ \Phi_1^2$
61849	1098	750	$\frac{1}{50}$	$\frac{49}{250}$	$\frac{67}{250}$	$\frac{1}{3}$	$\Phi_{750}^2\ \Phi_{375}^2\ \Phi_{150}^3\ \Phi_{75}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_6^3\ \Phi_3^2$
61850	1098	372	$\frac{1}{62}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{372}^4\ \Phi_{186}^5\ \Phi_{93}^5\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
61851	1098	252	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^5\ \Phi_{42}^5\ \Phi_{36}^6\ \Phi_{28}^6\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_2^6$
61852	1098	624	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{156}\ \Phi_{78}^2\ \Phi_{48}^3\ \Phi_{39}^2\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
61853	1098	960	$\frac{3}{64}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{240}^2\ \Phi_{192}\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
61854	1098	780	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{12}^3\ \Phi_6^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
61855	1098	588	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{147}^3\ \Phi_{84}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
61856	1098	1848	$\frac{1}{22}$	$\frac{67}{616}$	$\frac{21}{88}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{231}\ \Phi_{168}\ \Phi_{84}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{21}\ \Phi_6$
61857	1098	240	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{19}{80}$	$\frac{1}{3}$	$\Phi_{240}^9\ \Phi_{120}^9\ \Phi_{48}^9\ \Phi_{30}\ \Phi_{24}^9\ \Phi_{15}\ \Phi_6$
61858	1098	2112	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{155}{704}$	$\frac{1}{3}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{192}\ \Phi_{96}\ \Phi_{66}\ \Phi_{33}\ \Phi_6$
61859	1098	2100	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{151}{700}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
61860	1098	390	$\frac{4}{65}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{390}^5\ \Phi_{195}^4\ \Phi_{78}^5\ \Phi_{39}^4\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
61861	1098	150	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{14}{75}$	$\frac{1}{3}$	$\Phi_{150}^{10}\ \Phi_{75}^8\ \Phi_{50}^{10}\ \Phi_{30}\ \Phi_{25}^8\ \Phi_{15}\ \Phi_6$
61862	1098	66	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{66}^{18}\ \Phi_{33}^{14}\ \Phi_{22}^{18}\ \Phi_{11}^{18}\ \Phi_6^{18}\ \Phi_3^{13}\ \Phi_2^{18}\ \Phi_1^{18}$
61863	1098	660	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{37}{220}$	$\frac{1}{3}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{165}^3\ \Phi_{66}\ \Phi_{60}^3\ \Phi_{33}\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_6$
61864	1098	330	$\frac{5}{66}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{110}^4\ \Phi_{66}^2\ \Phi_{55}^4\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_6$
61865	1098	360	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{72}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^2\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_8^2\ \Phi_6$
61866	1098	600	$\frac{17}{200}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{3}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{75}^3\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{15}\ \Phi_6$
61867	1098	270	$\frac{13}{135}$	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{270}^5\ \Phi_{135}^4\ \Phi_{90}^5\ \Phi_{54}^5\ \Phi_{45}^4\ \Phi_{30}\ \Phi_{27}^4\ \Phi_{18}^5\ \Phi_{15}\ \Phi_9^4\ \Phi_6$
61868	1098	1848	$\frac{1}{11}$	$\frac{67}{616}$	$\frac{10}{77}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{168}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
61869	1098	210	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{3}$	$\Phi_{210}^9\ \Phi_{105}^9\ \Phi_{42}^9\ \Phi_{30}\ \Phi_{21}^9\ \Phi_{15}\ \Phi_6$
61870	1098	1530	$\frac{1}{30}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{29}{90}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{306}\ \Phi_{153}\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_1^2$
61871	1098	1260	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{29}{90}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{126}\ \Phi_{63}\ \Phi_{28}\ \Phi_{14}$
61872	1098	616	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{27}{88}$	$\Phi_{616}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^2$
61873	1098	1088	$\frac{3}{64}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{1088}\ \Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
61874	1098	1360	$\frac{1}{20}$	$\frac{2}{17}$	$\frac{19}{80}$	$\frac{5}{17}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{272}\ \Phi_{136}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
61875	1098	1105	$\frac{4}{65}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{1105}\ \Phi_{221}\ \Phi_{65}^2\ \Phi_{17}\ \Phi_{13}^2\ \Phi_1^2$
61876	1098	1275	$\frac{1}{15}$	$\frac{2}{17}$	$\frac{14}{75}$	$\frac{5}{17}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{17}\ \Phi_1^2$
61877	1098	1122	$\frac{5}{66}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{374}\ \Phi_{187}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{17}\ \Phi_{11}^2\ \Phi_1^2$
61878	1098	1224	$\frac{1}{12}$	$\frac{2}{17}$	$\frac{11}{72}$	$\frac{5}{17}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_8^2\ \Phi_1^2$
61879	1098	1190	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{9}{70}$	$\frac{5}{17}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{238}\ \Phi_{119}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{17}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
61880	1098	448	$\frac{3}{64}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{28}\ \Phi_{14}$
61881	1098	132	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{132}^8\ \Phi_{66}^{10}\ \Phi_{44}^6\ \Phi_{33}^{10}\ \Phi_{22}^8\ \Phi_{12}^8\ \Phi_{11}^7\ \Phi_6^{10}\ \Phi_4^8\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{10}$
61882	1098	560	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{19}{80}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{28}\ \Phi_{14}$
61883	1098	1820	$\frac{4}{65}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{364}\ \Phi_{182}\ \Phi_{28}\ \Phi_{14}$
61884	1098	2100	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{14}{75}$	$\frac{1}{4}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{350}\ \Phi_{28}\ \Phi_{14}$
61885	1098	924	$\frac{5}{66}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{924}^2\ \Phi_{462}\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}\ \Phi_{77}\ \Phi_{28}\ \Phi_{14}$
61886	1098	504	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{72}$	$\frac{1}{4}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{28}\ \Phi_{14}$
61887	1098	1400	$\frac{17}{200}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{175}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
61888	1098	140	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{140}^{10}\ \Phi_{70}^5\ \Phi_{35}^5\ \Phi_{28}^{11}\ \Phi_{20}^{12}\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7^5\ \Phi_5^6\ \Phi_4^{12}\ \Phi_2^6\ \Phi_1^6$
61889	1099	312	$\frac{1}{156}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{155}{312}$	$\Phi_{312}^7\ \Phi_{104}^7\ \Phi_{24}^7\ \Phi_{12}\ \Phi_8^7\ \Phi_4\ \Phi_1$
61890	1099	936	$\frac{1}{156}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{155}{312}$	$\Phi_{936}^3\ \Phi_{312}\ \Phi_{104}\ \Phi_{72}^3\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
61891	1099	1952	$\frac{1}{122}$	$\frac{123}{976}$	$\frac{853}{1952}$	$\frac{121}{244}$	$\Phi_{1952}\ \Phi_{244}\ \Phi_{32}\ \Phi_4\ \Phi_1$
61892	1099	1464	$\frac{1}{122}$	$\frac{365}{1464}$	$\frac{123}{488}$	$\frac{121}{244}$	$\Phi_{1464}\ \Phi_{732}\ \Phi_{366}\ \Phi_{244}\ \Phi_{183}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
61893	1099	2160	$\frac{19}{1080}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{1061}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{36}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
61894	1099	2160	$\frac{19}{1080}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1061}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
61895	1099	2160	$\frac{19}{1080}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1061}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
61896	1099	1476	$\frac{8}{369}$	$\frac{1}{9}$	$\frac{377}{1476}$	$\frac{361}{738}$	$\Phi_{1476}\ \Phi_{492}\ \Phi_{369}\ \Phi_{164}\ \Phi_{123}\ \Phi_{41}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
61897	1099	2112	$\frac{43}{1056}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1013}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
61898	1099	1620	$\frac{19}{540}$	$\frac{1}{18}$	$\frac{521}{1620}$	$\frac{17}{36}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
61899	1099	1152	$\frac{53}{1152}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
61900	1099	1440	$\frac{19}{360}$	$\frac{1}{18}$	$\frac{341}{1440}$	$\frac{17}{36}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
61901	1099	1188	$\frac{1}{18}$	$\frac{89}{1188}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
61902	1099	1296	$\frac{1}{18}$	$\frac{19}{216}$	$\frac{197}{1296}$	$\frac{17}{36}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{48}\ \Phi_{36}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
61903	1099	180	$\frac{1}{18}$	$\frac{19}{180}$	$\frac{23}{180}$	$\frac{17}{36}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^6\ \Phi_{45}^6\ \Phi_{36}^7\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{18}^6\ \Phi_{15}^6\ \Phi_{12}^7\ \Phi_{10}^6\ \Phi_9^6\ \Phi_6^6\ \Phi_5^6\ \Phi_4^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
61904	1099	1152	$\frac{53}{1152}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
61905	1099	183	$\frac{8}{183}$	$\frac{25}{183}$	$\frac{26}{183}$	$\frac{79}{183}$	$\Phi_{183}^6\ \Phi_{61}^6\ \Phi_3^6\ \Phi_1^7$
61906	1099	276	$\frac{5}{138}$	$\frac{19}{138}$	$\frac{1}{6}$	$\frac{119}{276}$	$\Phi_{276}^7\ \Phi_{138}\ \Phi_{92}^7\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_{12}^7\ \Phi_4^7\ \Phi_1$
61907	1099	636	$\frac{2}{159}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{636}^3\ \Phi_{212}^3\ \Phi_{159}\ \Phi_{53}\ \Phi_{12}\ \Phi_4\ \Phi_1$
61908	1099	468	$\frac{1}{78}$	$\frac{1}{6}$	$\frac{77}{234}$	$\frac{5}{12}$	$\Phi_{468}^6\ \Phi_{234}\ \Phi_{117}\ \Phi_{36}^6\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
61909	1099	480	$\frac{3}{160}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^3\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^3\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
61910	1099	624	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{51}{208}$	$\frac{5}{12}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^3\ \Phi_{104}^3\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
61911	1099	780	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{38}{195}$	$\frac{5}{12}$	$\Phi_{780}^3\ \Phi_{260}^3\ \Phi_{195}\ \Phi_{65}\ \Phi_{60}^3\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
61912	1099	324	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{324}^6\ \Phi_{162}\ \Phi_{108}^6\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}^6\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
61913	1099	1092	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1092}^2\ \Phi_{364}^2\ \Phi_{182}\ \Phi_{91}\ \Phi_{84}^2\ \Phi_{28}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
61914	1099	1248	$\frac{7}{156}$	$\frac{149}{1248}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{104}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
61915	1099	168	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{168}^7\ \Phi_{84}^7\ \Phi_{56}^7\ \Phi_{42}^7\ \Phi_{28}^7\ \Phi_{24}^7\ \Phi_{21}^7\ \Phi_{14}^7\ \Phi_{12}\ \Phi_8^7\ \Phi_7^7\ \Phi_4\ \Phi_1$
61916	1099	2028	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2028}\ \Phi_{676}\ \Phi_{169}\ \Phi_{12}\ \Phi_4\ \Phi_1$
61917	1099	244	$\frac{3}{122}$	$\frac{17}{122}$	$\frac{35}{122}$	$\frac{87}{244}$	$\Phi_{244}^7\ \Phi_{122}^2\ \Phi_{61}^2\ \Phi_4^7\ \Phi_2^2\ \Phi_1^3$
61918	1099	162	$\frac{5}{162}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{162}^7\ \Phi_{81}^7\ \Phi_{54}^6\ \Phi_{27}^7\ \Phi_{18}^6\ \Phi_9^6\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
61919	1099	1656	$\frac{5}{276}$	$\frac{1}{6}$	$\frac{271}{828}$	$\frac{557}{1656}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{72}\ \Phi_{69}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
61920	1099	477	$\frac{2}{159}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{477}^3\ \Phi_{159}\ \Phi_{53}\ \Phi_9\ \Phi_1$
61921	1099	234	$\frac{1}{78}$	$\frac{2}{9}$	$\frac{77}{234}$	$\frac{1}{3}$	$\Phi_{234}^4\ \Phi_{117}^4\ \Phi_{78}^6\ \Phi_{39}^6\ \Phi_{26}^6\ \Phi_{18}^4\ \Phi_{13}^6\ \Phi_9^5\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
61922	1099	1440	$\frac{3}{160}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
61923	1099	1872	$\frac{1}{52}$	$\frac{2}{9}$	$\frac{51}{208}$	$\frac{1}{3}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{208}\ \Phi_{144}\ \Phi_{104}\ \Phi_{72}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
61924	1099	585	$\frac{1}{39}$	$\frac{38}{195}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{585}^3\ \Phi_{195}\ \Phi_{65}\ \Phi_{45}^3\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
61925	1099	162	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{162}^7\ \Phi_{81}^7\ \Phi_{54}^7\ \Phi_{27}^7\ \Phi_{18}^4\ \Phi_9^5\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
61926	1099	1638	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{182}\ \Phi_{126}\ \Phi_{91}\ \Phi_{63}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
61927	1099	504	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}\ \Phi_{126}^3\ \Phi_{84}\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
61928	1099	1521	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1521}\ \Phi_{169}\ \Phi_{9}\ \Phi_{1}$
61929	1099	1620	$\frac{19}{540}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{521}{1620}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_{1}$
61930	1099	1584	$\frac{43}{528}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{485}{1584}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{144}\ \Phi_{99}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
61931	1099	1350	$\frac{19}{270}$	$\frac{1}{9}$	$\frac{251}{1350}$	$\frac{8}{27}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{27}\ \Phi_{25}\ \Phi_{1}$
61932	1099	1188	$\frac{89}{1188}$	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
61933	1099	1296	$\frac{19}{216}$	$\frac{1}{9}$	$\frac{197}{1296}$	$\frac{8}{27}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
61934	1099	1215	$\frac{116}{1215}$	$\frac{1}{9}$	$\frac{19}{135}$	$\frac{8}{27}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{81}\ \Phi_{27}\ \Phi_{1}$
61935	1099	1152	$\frac{53}{1152}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
61936	1099	1440	$\frac{19}{360}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{341}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
61937	1099	1200	$\frac{101}{1200}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
61938	1099	1296	$\frac{19}{216}$	$\frac{197}{1296}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
61939	1100	1644	$\frac{1}{274}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{273}{548}$	$\Phi_{1644}\ \Phi_{548}^2\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
61940	1100	1752	$\frac{1}{219}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{109}{219}$	$\Phi_{1752}\ \Phi_{584}\ \Phi_{219}\ \Phi_{73}\ \Phi_{24}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
61941	1100	471	$\frac{1}{157}$	$\frac{79}{471}$	$\frac{196}{471}$	$\frac{78}{157}$	$\Phi_{471}^2\ \Phi_{157}^3\ \Phi_{3}^2\ \Phi_{1}^4$
61942	1100	546	$\frac{2}{273}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{271}{546}$	$\Phi_{546}^4\ \Phi_{182}^4\ \Phi_{78}^4\ \Phi_{42}^4\ \Phi_{26}^4\ \Phi_{14}^4\ \Phi_{7}\ \Phi_{6}^4\ \Phi_{2}^4\ \Phi_{1}^2$
61943	1100	2730	$\frac{2}{273}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{271}{546}$	$\Phi_{2730}\ \Phi_{910}\ \Phi_{390}\ \Phi_{210}\ \Phi_{130}\ \Phi_{70}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
61944	1100	981	$\frac{1}{109}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{54}{109}$	$\Phi_{981}\ \Phi_{327}\ \Phi_{109}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
61945	1100	654	$\frac{1}{109}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{54}{109}$	$\Phi_{654}^2\ \Phi_{327}\ \Phi_{218}^2\ \Phi_{109}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
61946	1100	1099	$\frac{11}{1099}$	$\frac{111}{1099}$	$\frac{494}{1099}$	$\frac{544}{1099}$	$\Phi_{1099}\ \Phi_{157}\ \Phi_{7}\ \Phi_{1}^2$
61947	1100	1980	$\frac{1}{99}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{49}{99}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{132}\ \Phi_{99}\ \Phi_{60}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
61948	1100	495	$\frac{1}{99}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{49}{99}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^3\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}^3\ \Phi_{15}^3\ \Phi_{11}^3\ \Phi_{9}^3\ \Phi_{5}^2\ \Phi_{3}^4\ \Phi_{1}^4$
61949	1100	1840	$\frac{1}{92}$	$\frac{1}{5}$	$\frac{93}{368}$	$\frac{91}{184}$	$\Phi_{1840}\ \Phi_{460}\ \Phi_{230}\ \Phi_{115}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
61950	1100	2720	$\frac{3}{272}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{269}{544}$	$\Phi_{2720}\ \Phi_{160}\ \Phi_{20}\ \Phi_{10}$
61951	1100	1326	$\frac{3}{221}$	$\frac{1}{6}$	$\frac{56}{221}$	$\frac{109}{221}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{442}\ \Phi_{102}\ \Phi_{78}\ \Phi_{51}\ \Phi_{39}\ \Phi_{34}\ \Phi_{26}$
61952	1100	217	$\frac{3}{217}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{107}{217}$	$\Phi_{217}^5\ \Phi_{31}^5\ \Phi_{7}^7\ \Phi_{1}^8$
61953	1100	1099	$\frac{17}{1099}$	$\frac{164}{1099}$	$\frac{279}{1099}$	$\frac{541}{1099}$	$\Phi_{1099}\ \Phi_{157}\ \Phi_{7}\ \Phi_{1}^2$
61954	1100	1653	$\frac{9}{551}$	$\frac{56}{551}$	$\frac{1}{3}$	$\frac{271}{551}$	$\Phi_{1653}\ \Phi_{87}\ \Phi_{57}$
61955	1100	2052	$\frac{1}{54}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{53}{108}$	$\Phi_{2052}\ \Phi_{684}\ \Phi_{228}\ \Phi_{108}^2\ \Phi_{76}\ \Phi_{36}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
61956	1100	1188	$\frac{1}{54}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{53}{108}$	$\Phi_{1188}^2\ \Phi_{396}^2\ \Phi_{132}^2\ \Phi_{44}^2\ \Phi_{33}$
61957	1100	2052	$\frac{1}{54}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{53}{108}$	$\Phi_{2052}\ \Phi_{684}\ \Phi_{228}\ \Phi_{108}^2\ \Phi_{76}\ \Phi_{36}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
61958	1100	540	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{53}{108}$	$\Phi_{540}^5\ \Phi_{180}^5\ \Phi_{60}^5\ \Phi_{30}\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{10}$
61959	1100	157	$\frac{3}{157}$	$\frac{16}{157}$	$\frac{47}{157}$	$\frac{77}{157}$	$\Phi_{157}^7\ \Phi_{1}^8$
61960	1100	147	$\frac{1}{49}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{24}{49}$	$\Phi_{147}^7\ \Phi_{49}^8\ \Phi_{21}^8\ \Phi_{7}^9\ \Phi_{3}^8\ \Phi_{1}^{10}$
61961	1100	588	$\frac{1}{49}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{84}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_{7}^2\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
61962	1100	98	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{24}{49}$	$\Phi_{98}^{14}\ \Phi_{49}^8\ \Phi_{14}^{16}\ \Phi_{7}^9\ \Phi_{2}^{16}\ \Phi_{1}^{10}$
61963	1100	1099	$\frac{23}{1099}$	$\frac{51}{1099}$	$\frac{524}{1099}$	$\frac{538}{1099}$	$\Phi_{1099}\ \Phi_{157}\ \Phi_{7}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
61964	1100	2064	$\frac{1}{43}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{21}{43}$	$\Phi_{2064}\ \Phi_{688}\ \Phi_{48}^2\ \Phi_{43}\ \Phi_{16}^2\ \Phi_1^2$
61965	1100	1161	$\frac{1}{43}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{1161}\ \Phi_{387}\ \Phi_{43}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_1^2$
61966	1100	1548	$\frac{1}{43}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{21}{43}$	$\Phi_{1548}\ \Phi_{774}\ \Phi_{387}\ \Phi_{43}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
61967	1100	1204	$\frac{1}{43}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{21}{43}$	$\Phi_{1204}\ \Phi_{602}\ \Phi_{301}\ \Phi_{43}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
61968	1100	1376	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{21}{43}$	$\Phi_{1376}\ \Phi_{688}\ \Phi_{43}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_1^2$
61969	1100	258	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{21}{43}$	$\Phi_{258}^4\ \Phi_{129}^4\ \Phi_{86}^4\ \Phi_{43}^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
61970	1100	814	$\frac{1}{37}$	$\frac{1}{11}$	$\frac{19}{74}$	$\frac{18}{37}$	$\Phi_{814}^2\ \Phi_{407}\ \Phi_{22}^2$
61971	1100	1212	$\frac{3}{101}$	$\frac{1}{12}$	$\frac{26}{101}$	$\frac{49}{101}$	$\Phi_{1212}\ \Phi_{606}\ \Phi_{404}\ \Phi_{303}\ \Phi_{202}$
61972	1100	1596	$\frac{9}{266}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{257}{532}$	$\Phi_{1596}^2\ \Phi_{228}^2\ \Phi_{84}^2\ \Phi_{57}\ \Phi_{12}^2$
61973	1100	174	$\frac{1}{29}$	$\frac{3}{58}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{174}^{10}\ \Phi_{87}^9\ \Phi_6^{10}\ \Phi_3^8$
61974	1100	1099	$\frac{41}{1099}$	$\frac{74}{1099}$	$\frac{285}{1099}$	$\frac{529}{1099}$	$\Phi_{1099}\ \Phi_{157}\ \Phi_7\ \Phi_1^2$
61975	1100	1099	$\frac{41}{1099}$	$\frac{114}{1099}$	$\frac{197}{1099}$	$\frac{529}{1099}$	$\Phi_{1099}\ \Phi_{157}\ \Phi_7\ \Phi_1^2$
61976	1100	1653	$\frac{21}{551}$	$\frac{26}{551}$	$\frac{1}{3}$	$\frac{265}{551}$	$\Phi_{1653}\ \Phi_{87}\ \Phi_{57}$
61977	1100	1326	$\frac{9}{221}$	$\frac{23}{221}$	$\frac{1}{6}$	$\frac{106}{221}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{442}\ \Phi_{102}\ \Phi_{78}\ \Phi_{51}\ \Phi_{39}\ \Phi_{34}\ \Phi_{26}$
61978	1100	1104	$\frac{1}{24}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{1104}^2\ \Phi_{368}^2\ \Phi_{69}$
61979	1100	2064	$\frac{1}{24}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{23}{48}$	$\Phi_{2064}\ \Phi_{688}\ \Phi_{48}^2\ \Phi_{43}\ \Phi_{16}^2\ \Phi_1^2$
61980	1100	240	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{240}^{11}\ \Phi_{80}^{11}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
61981	1100	546	$\frac{1}{26}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{78}^3\ \Phi_{42}^2\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_6^3\ \Phi_2^2$
61982	1100	147	$\frac{1}{21}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{10}{21}$	$\Phi_{147}^7\ \Phi_{49}^8\ \Phi_{21}^8\ \Phi_7^9\ \Phi_3^8\ \Phi_1^{10}$
61983	1100	462	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{10}{21}$	$\Phi_{462}^3\ \Phi_{231}^2\ \Phi_{154}^3\ \Phi_{77}^2\ \Phi_{66}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{11}^2$
61984	1100	84	$\frac{1}{21}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{10}{21}$	$\Phi_{84}^{14}\ \Phi_{42}^{14}\ \Phi_{28}^{16}\ \Phi_{21}^8\ \Phi_{14}^{16}\ \Phi_{12}^{14}\ \Phi_7^9\ \Phi_6^{14}\ \Phi_4^{16}\ \Phi_3^8\ \Phi_2^{16}\ \Phi_1^{10}$
61985	1100	57	$\frac{2}{57}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{57}^{19}\ \Phi_{19}^{20}\ \Phi_3^{18}\ \Phi_1^{20}$
61986	1100	1539	$\frac{1}{27}$	$\frac{1}{19}$	$\frac{26}{81}$	$\frac{9}{19}$	$\Phi_{1539}\ \Phi_{81}^2\ \Phi_{19}\ \Phi_1^2$
61987	1100	1368	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{9}{19}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{76}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
61988	1100	513	$\frac{1}{19}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{9}{19}$	$\Phi_{513}^2\ \Phi_{171}^2\ \Phi_{57}^2\ \Phi_{27}^4\ \Phi_{19}^3\ \Phi_9^4\ \Phi_3^4\ \Phi_1^6$
61989	1100	228	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{228}^5\ \Phi_{114}^4\ \Phi_{76}^5\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{19}^5\ \Phi_{12}^{10}\ \Phi_6^8\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
61990	1100	1197	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{9}{19}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{133}\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_{19}\ \Phi_7^2\ \Phi_1^2$
61991	1100	522	$\frac{1}{29}$	$\frac{14}{261}$	$\frac{1}{3}$	$\frac{247}{522}$	$\Phi_{522}^4\ \Phi_{174}^4\ \Phi_{87}\ \Phi_{58}^4\ \Phi_{18}^4\ \Phi_6^4\ \Phi_2^4$
61992	1100	2184	$\frac{1}{21}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
61993	1100	312	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{49}{104}$	$\Phi_{312}^8\ \Phi_{104}^4\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}^8\ \Phi_8^4$
61994	1100	782	$\frac{1}{23}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{782}^2\ \Phi_{391}\ \Phi_{46}^2$
61995	1100	714	$\frac{1}{17}$	$\frac{9}{119}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{238}^2\ \Phi_{102}\ \Phi_{51}\ \Phi_{42}^2\ \Phi_{34}\ \Phi_{21}^2\ \Phi_{14}^2$
61996	1100	390	$\frac{1}{26}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{390}^3\ \Phi_{195}^3\ \Phi_{130}^3\ \Phi_{78}^3\ \Phi_{65}^3\ \Phi_{39}^3\ \Phi_{30}^3\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{10}^3\ \Phi_6^3\ \Phi_2^2$
61997	1100	1099	$\frac{59}{1099}$	$\frac{81}{1099}$	$\frac{208}{1099}$	$\frac{509}{1099}$	$\Phi_{1099}\ \Phi_{157}\ \Phi_7\ \Phi_1^2$
61998	1100	234	$\frac{7}{117}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{234}^6\ \Phi_{117}^4\ \Phi_{78}^5\ \Phi_{39}^3\ \Phi_{26}^5\ \Phi_{18}^6\ \Phi_{13}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
61999	1100	102	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{1}{6}$	$\frac{47}{102}$	$\Phi_{102}^9\ \Phi_{51}^{13}\ \Phi_{34}^9\ \Phi_{17}^{12}\ \Phi_6^8\ \Phi_3^{12}\ \Phi_2^8\ \Phi_1^{12}$
62000	1100	1099	$\frac{54}{1099}$	$\frac{89}{1099}$	$\frac{209}{1099}$	$\frac{505}{1099}$	$\Phi_{1099}\ \Phi_{157}\ \Phi_7\ \Phi_1^2$
62001	1100	407	$\frac{3}{37}$	$\frac{1}{11}$	$\frac{4}{37}$	$\frac{17}{37}$	$\Phi_{407}^3\ \Phi_{11}^2$
62002	1100	157	$\frac{13}{157}$	$\frac{14}{157}$	$\frac{17}{157}$	$\frac{72}{157}$	$\Phi_{157}^7\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
62003	1100	1440	$\frac{13}{288}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
62004	1100	1326	$\frac{12}{221}$	$\frac{19}{221}$	$\frac{1}{6}$	$\frac{101}{221}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{442}\ \Phi_{102}\ \Phi_{78}\ \Phi_{51}\ \Phi_{39}\ \Phi_{34}\ \Phi_{26}$
62005	1100	230	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{1}{5}$	$\frac{21}{46}$	$\Phi_{230}^{11}\ \Phi_{115}\ \Phi_{10}^{11}$
62006	1100	1099	$\frac{32}{1099}$	$\frac{97}{1099}$	$\frac{299}{1099}$	$\frac{501}{1099}$	$\Phi_{1099}\ \Phi_{157}\ \Phi_7\ \Phi_1^2$
62007	1100	1653	$\frac{12}{551}$	$\frac{49}{551}$	$\frac{1}{3}$	$\frac{251}{551}$	$\Phi_{1653}\ \Phi_{87}\ \Phi_{57}$
62008	1100	1212	$\frac{1}{12}$	$\frac{9}{101}$	$\frac{11}{101}$	$\frac{46}{101}$	$\Phi_{1212}\ \Phi_{606}\ \Phi_{404}\ \Phi_{303}\ \Phi_{202}$
62009	1100	1099	$\frac{89}{1099}$	$\frac{101}{1099}$	$\frac{120}{1099}$	$\frac{499}{1099}$	$\Phi_{1099}\ \Phi_{157}\ \Phi_7\ \Phi_1^2$
62010	1100	1326	$\frac{11}{221}$	$\frac{21}{221}$	$\frac{1}{6}$	$\frac{100}{221}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{442}\ \Phi_{102}\ \Phi_{78}\ \Phi_{51}\ \Phi_{39}\ \Phi_{34}\ \Phi_{26}$
62011	1100	1020	$\frac{1}{51}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1020}^2\ \Phi_{340}^2\ \Phi_{204}^2\ \Phi_{68}^2\ \Phi_{60}\ \Phi_{51}^2\ \Phi_{20}^2\ \Phi_{17}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
62012	1100	660	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{8}{33}$	$\frac{9}{20}$	$\Phi_{660}^3\ \Phi_{220}^3\ \Phi_{132}^3\ \Phi_{60}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{20}^4\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
62013	1100	260	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{260}^8\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}^8\ \Phi_{20}^4\ \Phi_{10}\ \Phi_4^4$
62014	1100	1980	$\frac{4}{99}$	$\frac{1}{10}$	$\frac{19}{99}$	$\frac{9}{20}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{132}\ \Phi_{99}\ \Phi_{60}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
62015	1100	420	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{420}^5\ \Phi_{140}^5\ \Phi_{84}^5\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{28}^5\ \Phi_{21}^2\ \Phi_{20}^4\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
62016	1100	540	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{540}^4\ \Phi_{180}^3\ \Phi_{108}^4\ \Phi_{60}^3\ \Phi_{36}^3\ \Phi_{27}^4\ \Phi_{20}^4\ \Phi_{12}^3\ \Phi_9^3\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
62017	1100	220	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{220}^9\ \Phi_{44}^9\ \Phi_{20}^{10}\ \Phi_{11}^9\ \Phi_4^{10}\ \Phi_1^{10}$
62018	1100	504	$\frac{1}{56}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^3\ \Phi_{126}^2\ \Phi_{84}^3\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^3\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
62019	1100	981	$\frac{4}{109}$	$\frac{1}{9}$	$\frac{21}{109}$	$\frac{4}{9}$	$\Phi_{981}\ \Phi_{327}\ \Phi_{109}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
62020	1100	702	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{54}^2\ \Phi_{39}\ \Phi_{18}\ \Phi_6$
62021	1100	414	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{414}^3\ \Phi_{207}^2\ \Phi_{138}^4\ \Phi_{69}^3\ \Phi_{46}^4\ \Phi_{23}^2$
62022	1100	981	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{981}\ \Phi_{327}\ \Phi_{109}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
62023	1100	396	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^4\ \Phi_{99}^2\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{11}^2$
62024	1100	294	$\frac{1}{21}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{294}^7\ \Phi_{98}^6\ \Phi_{42}^7\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_6^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
62025	1100	1344	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
62026	1100	819	$\frac{4}{273}$	$\frac{1}{7}$	$\frac{269}{819}$	$\frac{3}{7}$	$\Phi_{819}^2\ \Phi_{117}^2\ \Phi_{63}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
62027	1100	56	$\frac{1}{56}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{56}^{20}\ \Phi_{28}^{20}\ \Phi_{14}^{20}\ \Phi_8^{20}\ \Phi_7^{17}\ \Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^{18}$
62028	1100	364	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{89}{364}$	$\frac{3}{7}$	$\Phi_{364}^4\ \Phi_{182}^4\ \Phi_{52}^4\ \Phi_{28}^4\ \Phi_{26}^4\ \Phi_{14}^4\ \Phi_7\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
62029	1100	567	$\frac{17}{567}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{567}^2\ \Phi_{189}^2\ \Phi_{81}^2\ \Phi_{63}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
62030	1100	637	$\frac{4}{91}$	$\frac{87}{637}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{637}^2\ \Phi_{49}^2\ \Phi_7\ \Phi_1^2$
62031	1100	294	$\frac{19}{294}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{294}^4\ \Phi_{147}^4\ \Phi_{98}^4\ \Phi_{49}^4\ \Phi_{42}^4\ \Phi_{14}^4\ \Phi_7\ \Phi_6^4\ \Phi_2^4\ \Phi_1^2$
62032	1100	672	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{672}^3\ \Phi_{224}^3\ \Phi_{168}\ \Phi_{96}^2\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}^2\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
62033	1100	1099	$\frac{29}{1099}$	$\frac{177}{1099}$	$\frac{214}{1099}$	$\frac{461}{1099}$	$\Phi_{1099}\ \Phi_{157}\ \Phi_7\ \Phi_1^2$
62034	1100	391	$\frac{1}{23}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{391}^3\ \Phi_{23}^2$
62035	1100	1099	$\frac{59}{1099}$	$\frac{104}{1099}$	$\frac{199}{1099}$	$\frac{450}{1099}$	$\Phi_{1099}\ \Phi_{157}\ \Phi_7\ \Phi_1^2$
62036	1100	1099	$\frac{65}{1099}$	$\frac{94}{1099}$	$\frac{201}{1099}$	$\frac{449}{1099}$	$\Phi_{1099}\ \Phi_{157}\ \Phi_7\ \Phi_1^2$
62037	1100	1212	$\frac{6}{101}$	$\frac{1}{12}$	$\frac{19}{101}$	$\frac{41}{101}$	$\Phi_{1212}\ \Phi_{606}\ \Phi_{404}\ \Phi_{303}\ \Phi_{202}$
62038	1100	407	$\frac{2}{37}$	$\frac{1}{11}$	$\frac{7}{37}$	$\frac{15}{37}$	$\Phi_{407}^3\ \Phi_{11}^2$
62039	1100	1099	$\frac{44}{1099}$	$\frac{131}{1099}$	$\frac{211}{1099}$	$\frac{444}{1099}$	$\Phi_{1099}\ \Phi_{157}\ \Phi_7\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
62040	1100	1326	$\frac{6}{221}$	$\frac{1}{6}$	$\frac{43}{221}$	$\frac{89}{221}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{442}\ \Phi_{102}\ \Phi_{78}\ \Phi_{51}\ \Phi_{39}\ \Phi_{34}\ \Phi_{26}$
62041	1100	460	$\frac{1}{46}$	$\frac{9}{46}$	$\frac{1}{5}$	$\frac{37}{92}$	$\Phi_{460}^5\ \Phi_{230}\ \Phi_{115}\ \Phi_{20}^5\ \Phi_{10}$
62042	1100	157	$\frac{2}{157}$	$\frac{31}{157}$	$\frac{47}{157}$	$\frac{63}{157}$	$\Phi_{157}^7\ \Phi_1^8$
62043	1100	1653	$\frac{6}{551}$	$\frac{109}{551}$	$\frac{1}{3}$	$\frac{221}{551}$	$\Phi_{1653}\ \Phi_{87}\ \Phi_{57}$
62044	1100	650	$\frac{1}{26}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{650}^2\ \Phi_{325}^2\ \Phi_{130}\ \Phi_{65}\ \Phi_{50}^2\ \Phi_{10}$
62045	1100	1818	$\frac{1}{101}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1818}\ \Phi_{606}\ \Phi_{303}\ \Phi_{202}$
62046	1100	234	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{234}^5\ \Phi_{117}^5\ \Phi_{78}^5\ \Phi_{39}^5\ \Phi_{26}^4\ \Phi_{18}\ \Phi_{13}^4\ \Phi_9^4\ \Phi_6\ \Phi_3^4\ \Phi_1^4$
62047	1100	888	$\frac{1}{111}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{888}^2\ \Phi_{296}^2\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
62048	1100	1616	$\frac{1}{101}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1616}\ \Phi_{404}\ \Phi_{202}$
62049	1100	584	$\frac{1}{73}$	$\frac{18}{73}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{584}^3\ \Phi_{73}^3\ \Phi_8^4\ \Phi_1^4$
62050	1100	280	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^5\ \Phi_{140}^5\ \Phi_{70}^5\ \Phi_{40}^4\ \Phi_{35}^5\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^4$
62051	1100	1752	$\frac{4}{219}$	$\frac{43}{219}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1752}\ \Phi_{584}\ \Phi_{219}\ \Phi_{73}\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
62052	1100	360	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^5\ \Phi_{120}^5\ \Phi_{90}^3\ \Phi_{72}^5\ \Phi_{45}^2\ \Phi_{40}^5\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_8^4\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
62053	1100	584	$\frac{3}{73}$	$\frac{7}{73}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{584}^3\ \Phi_{73}^3\ \Phi_8^4\ \Phi_1^4$
62054	1100	2024	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2024}\ \Phi_{253}$
62055	1100	1752	$\frac{10}{219}$	$\frac{19}{219}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1752}\ \Phi_{584}\ \Phi_{219}\ \Phi_{73}\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
62056	1100	168	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^{11}\ \Phi_{84}^3\ \Phi_{56}^{11}\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{24}^7\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_8^8\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
62057	1100	84	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{84}^{20}\ \Phi_{42}^7\ \Phi_{28}^{20}\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{12}^{20}\ \Phi_7^5\ \Phi_6^7\ \Phi_4^{20}\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
62058	1100	2070	$\frac{1}{69}$	$\frac{1}{5}$	$\frac{68}{207}$	$\frac{139}{414}$	$\Phi_{2070}\ \Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{115}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
62059	1100	411	$\frac{1}{137}$	$\frac{136}{411}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{411}^3\ \Phi_{137}^2\ \Phi_3^4\ \Phi_1^4$
62060	1100	411	$\frac{2}{137}$	$\frac{27}{137}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{411}^2\ \Phi_{137}^4\ \Phi_3^3\ \Phi_1^6$
62061	1100	168	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{168}^7\ \Phi_{84}^7\ \Phi_{56}^6\ \Phi_{42}^7\ \Phi_{28}^6\ \Phi_{24}^7\ \Phi_{21}^7\ \Phi_{14}^6\ \Phi_{12}^7\ \Phi_8^6\ \Phi_7^6\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
62062	1100	627	$\frac{2}{57}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{627}^2\ \Phi_{209}^2\ \Phi_{33}$
62063	1100	411	$\frac{5}{137}$	$\frac{12}{137}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{411}^2\ \Phi_{137}^4\ \Phi_3^3\ \Phi_1^6$
62064	1100	156	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{156}^8\ \Phi_{78}^7\ \Phi_{52}^8\ \Phi_{39}^7\ \Phi_{26}^6\ \Phi_{13}^6\ \Phi_{12}^4\ \Phi_6^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
62065	1100	621	$\frac{1}{23}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{621}^2\ \Phi_{207}^2\ \Phi_{69}$
62066	1100	609	$\frac{1}{29}$	$\frac{59}{609}$	$\frac{28}{87}$	$\frac{1}{3}$	$\Phi_{609}^2\ \Phi_{203}^2\ \Phi_{87}\ \Phi_{21}^2\ \Phi_7^2$
62067	1100	891	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{891}^2\ \Phi_{33}$
62068	1100	399	$\frac{1}{19}$	$\frac{9}{133}$	$\frac{124}{399}$	$\frac{1}{3}$	$\Phi_{399}^2\ \Phi_{133}^4\ \Phi_{57}^3\ \Phi_{21}^2\ \Phi_{19}^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
62069	1100	828	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{207}^2\ \Phi_{69}$
62070	1100	1638	$\frac{1}{26}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{234}\ \Phi_{126}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{18}\ \Phi_6$
62071	1100	783	$\frac{1}{29}$	$\frac{28}{261}$	$\frac{233}{783}$	$\frac{1}{3}$	$\Phi_{783}^2\ \Phi_{87}\ \Phi_{27}^2$
62072	1100	255	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{255}^4\ \Phi_{85}^4\ \Phi_{51}^6\ \Phi_{17}^6\ \Phi_{15}^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
62073	1100	1512	$\frac{1}{56}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{54}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
62074	1100	1932	$\frac{1}{23}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{483}\ \Phi_{69}$
62075	1100	87	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{7}{29}$	$\frac{1}{3}$	$\Phi_{87}^{19}\ \Phi_3^{18}$
62076	1100	912	$\frac{1}{19}$	$\frac{29}{304}$	$\frac{9}{38}$	$\frac{1}{3}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{228}^2\ \Phi_{57}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2$
62077	1100	792	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{33}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
62078	1100	1161	$\frac{3}{43}$	$\frac{2}{27}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{1161}\ \Phi_{387}\ \Phi_{43}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_1^2$
62079	1100	1287	$\frac{7}{117}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{33}$
62080	1100	2208	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{69}$
62081	1100	546	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{546}^3\ \Phi_{273}^3\ \Phi_{78}^4\ \Phi_{42}\ \Phi_{39}^4\ \Phi_{21}^2\ \Phi_6^2\ \Phi_3^2$
62082	1100	57	$\frac{2}{57}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{57}^{19}\ \Phi_{19}^{20}\ \Phi_3^{18}\ \Phi_1^{20}$
62083	1100	348	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{73}{348}$	$\frac{1}{3}$	$\Phi_{348}^4\ \Phi_{174}^4\ \Phi_{116}^4\ \Phi_{87}\ \Phi_{58}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
62084	1100	570	$\frac{2}{57}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{570}^3\ \Phi_{285}^2\ \Phi_{190}^3\ \Phi_{95}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
62085	1100	1560	$\frac{2}{39}$	$\frac{37}{312}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{130}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
62086	1100	1470	$\frac{19}{294}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{245}\ \Phi_{210}\ \Phi_{70}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
62087	1100	540	$\frac{2}{27}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^2\ \Phi_{90}^3\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
62088	1100	654	$\frac{4}{109}$	$\frac{1}{6}$	$\frac{21}{109}$	$\frac{1}{3}$	$\Phi_{654}^2\ \Phi_{327}\ \Phi_{218}^2\ \Phi_{109}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
62089	1100	1653	$\frac{21}{551}$	$\frac{89}{551}$	$\frac{106}{551}$	$\frac{1}{3}$	$\Phi_{1653}\ \Phi_{87}\ \Phi_{57}$
62090	1100	297	$\frac{2}{27}$	$\frac{1}{11}$	$\frac{5}{27}$	$\frac{1}{3}$	$\Phi_{297}^4\ \Phi_{99}^4\ \Phi_{33}^5\ \Phi_{11}^4$
62091	1100	588	$\frac{4}{49}$	$\frac{1}{12}$	$\frac{9}{49}$	$\frac{1}{3}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{84}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_7^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
62092	1100	1653	$\frac{45}{551}$	$\frac{46}{551}$	$\frac{101}{551}$	$\frac{1}{3}$	$\Phi_{1653}\ \Phi_{87}\ \Phi_{57}$
62093	1100	1653	$\frac{41}{551}$	$\frac{51}{551}$	$\frac{100}{551}$	$\frac{1}{3}$	$\Phi_{1653}\ \Phi_{87}\ \Phi_{57}$
62094	1100	399	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{23}{133}$	$\frac{1}{3}$	$\Phi_{399}^4\ \Phi_{57}^5\ \Phi_{21}^4\ \Phi_3^4$
62095	1100	174	$\frac{3}{58}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{174}^{10}\ \Phi_{87}^9\ \Phi_6^{10}\ \Phi_3^8$
62096	1100	138	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{138}^8\ \Phi_{69}^9\ \Phi_{46}^8\ \Phi_{23}^8$
62097	1100	654	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{654}^2\ \Phi_{327}\ \Phi_{218}^2\ \Phi_{109}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
62098	1100	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{132}^{10}\ \Phi_{66}^8\ \Phi_{44}^{10}\ \Phi_{33}^9\ \Phi_{22}^8\ \Phi_{11}^8$
62099	1100	84	$\frac{1}{12}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{84}^{12}\ \Phi_{42}^{12}\ \Phi_{28}^{14}\ \Phi_{21}^{13}\ \Phi_{14}^{14}\ \Phi_{12}^{14}\ \Phi_7^{14}\ \Phi_6^{14}\ \Phi_4^{16}\ \Phi_3^{14}\ \Phi_2^{16}\ \Phi_1^{16}$
62100	1100	693	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{77}^2\ \Phi_{33}$
62101	1100	2040	$\frac{3}{136}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{133}{408}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
62102	1100	1539	$\frac{1}{27}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{26}{81}$	$\Phi_{1539}\ \Phi_{81}^2\ \Phi_{19}\ \Phi_1^2$
62103	1100	810	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{26}{81}$	$\Phi_{810}^3\ \Phi_{405}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
62104	1100	294	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{47}{147}$	$\Phi_{294}^7\ \Phi_{147}^4\ \Phi_{42}^7\ \Phi_{21}^4\ \Phi_{14}^2\ \Phi_7\ \Phi_6^7\ \Phi_3^4\ \Phi_2^2\ \Phi_1^2$
62105	1100	102	$\frac{1}{17}$	$\frac{7}{51}$	$\frac{1}{6}$	$\frac{16}{51}$	$\Phi_{102}^{13}\ \Phi_{51}^9\ \Phi_{34}^{13}\ \Phi_{17}^8\ \Phi_6^{12}\ \Phi_3^8\ \Phi_2^{12}\ \Phi_1^8$
62106	1100	1548	$\frac{3}{43}$	$\frac{1}{12}$	$\frac{10}{43}$	$\frac{11}{36}$	$\Phi_{1548}\ \Phi_{774}\ \Phi_{387}\ \Phi_{43}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
62107	1100	180	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{60}\ \Phi_{45}^{11}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
62108	1100	252	$\frac{2}{21}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{19}{63}$	$\Phi_{252}^7\ \Phi_{126}^7\ \Phi_{63}^4\ \Phi_{36}^7\ \Phi_{28}^2\ \Phi_{18}^7\ \Phi_{14}^2\ \Phi_9^4\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
62109	1100	78	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{6}$	$\frac{23}{78}$	$\Phi_{78}^{13}\ \Phi_{39}^{13}\ \Phi_{26}^{17}\ \Phi_{13}^{16}\ \Phi_6^{12}\ \Phi_3^{12}\ \Phi_2^{16}\ \Phi_1^{16}$
62110	1100	504	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}\ \Phi_{126}^3\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{63}^3\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
62111	1100	42	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{42}^{35}\ \Phi_{21}^{20}\ \Phi_{14}^{30}\ \Phi_7^{17}\ \Phi_6^{35}\ \Phi_3^{20}\ \Phi_2^{30}\ \Phi_1^{18}$
62112	1100	196	$\frac{5}{49}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{196}^7\ \Phi_{98}^7\ \Phi_{49}^4\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
62113	1100	306	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{1}{6}$	$\frac{43}{153}$	$\Phi_{306}^6\ \Phi_{153}^4\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}\ \Phi_{18}^6\ \Phi_9^4$
62114	1100	1440	$\frac{13}{288}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
62115	1100	165	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{8}{33}$	$\frac{4}{15}$	$\Phi_{165}^6\ \Phi_{55}^6\ \Phi_{33}^9\ \Phi_{15}^7\ \Phi_{11}^9\ \Phi_5^6\ \Phi_3^{10}\ \Phi_1^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
62116	1100	390	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}\ \Phi_{78}^4\ \Phi_{65}\ \Phi_{39}^4\ \Phi_{30}^4\ \Phi_{10}\ \Phi_6^4$
62117	1100	495	$\frac{4}{99}$	$\frac{19}{99}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^3\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}^3\ \Phi_{15}^3\ \Phi_{11}^3\ \Phi_9^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
62118	1100	210	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{210}^6\ \Phi_{105}^4\ \Phi_{70}^6\ \Phi_{42}^9\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{21}^6\ \Phi_{15}^3\ \Phi_{14}^9\ \Phi_{10}^4\ \Phi_7^6\ \Phi_6^6\ \Phi_5^2\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
62119	1100	135	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{135}^8\ \Phi_{45}^6\ \Phi_{27}^{12}\ \Phi_{15}^7\ \Phi_9^9\ \Phi_5^6\ \Phi_3^{10}\ \Phi_1^{10}$
62120	1100	165	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{165}^9\ \Phi_{33}^9\ \Phi_{15}^{10}\ \Phi_{11}^9\ \Phi_3^{10}\ \Phi_1^{10}$
62121	1100	314	$\frac{9}{157}$	$\frac{39}{314}$	$\frac{37}{157}$	$\frac{40}{157}$	$\Phi_{314}^4\ \Phi_{157}^3\ \Phi_2^4\ \Phi_1^4$
62122	1100	1204	$\frac{3}{43}$	$\frac{3}{28}$	$\frac{10}{43}$	$\frac{1}{4}$	$\Phi_{1204}\ \Phi_{602}\ \Phi_{301}\ \Phi_{43}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
62123	1100	340	$\frac{3}{68}$	$\frac{13}{68}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{340}^4\ \Phi_{170}^4\ \Phi_{85}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^4$
62124	1100	1440	$\frac{13}{288}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
62125	1100	420	$\frac{1}{12}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^3\ \Phi_{105}^4\ \Phi_{70}^3\ \Phi_{60}\ \Phi_{35}^3\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
62126	1100	1368	$\frac{1}{18}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{17}{72}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{76}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
62127	1100	360	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{17}{72}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{60}^5\ \Phi_{40}^5\ \Phi_{30}\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{10}$
62128	1100	204	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{13}{68}$	$\frac{4}{17}$	$\Phi_{204}^8\ \Phi_{102}^5\ \Phi_{68}^4\ \Phi_{51}^5\ \Phi_{34}\ \Phi_{17}^4\ \Phi_{12}^8\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
62129	1100	98	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{23}{98}$	$\Phi_{98}^{10}\ \Phi_{49}^{12}\ \Phi_{14}^{12}\ \Phi_7^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
62130	1100	1376	$\frac{3}{43}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{10}{43}$	$\Phi_{1376}\ \Phi_{688}\ \Phi_{43}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_1^2$
62131	1100	258	$\frac{3}{43}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{10}{43}$	$\Phi_{258}^4\ \Phi_{129}^4\ \Phi_{86}^4\ \Phi_{43}^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
62132	1100	1099	$\frac{83}{1099}$	$\frac{169}{1099}$	$\frac{186}{1099}$	$\frac{254}{1099}$	$\Phi_{1099}\ \Phi_{157}\ \Phi_7\ \Phi_1^2$
62133	1100	78	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{6}$	$\frac{3}{13}$	$\Phi_{78}^{17}\ \Phi_{39}^{17}\ \Phi_{26}^{17}\ \Phi_6^{16}\ \Phi_3^{16}\ \Phi_2^{16}$
62134	1100	480	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
62135	1100	98	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{9}{49}$	$\frac{3}{14}$	$\Phi_{98}^{14}\ \Phi_{49}^8\ \Phi_{14}^{16}\ \Phi_7^9\ \Phi_2^{16}\ \Phi_1^{10}$
62136	1100	462	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{462}^3\ \Phi_{231}^3\ \Phi_{154}\ \Phi_{77}^2\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_{22}^2\ \Phi_{11}^2$
62137	1100	28	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{28}^{44}\ \Phi_{14}^{32}\ \Phi_7^{37}\ \Phi_4^{44}\ \Phi_2^{32}\ \Phi_1^{38}$
62138	1100	513	$\frac{2}{27}$	$\frac{3}{19}$	$\frac{5}{27}$	$\frac{4}{19}$	$\Phi_{513}^2\ \Phi_{171}^2\ \Phi_{57}^2\ \Phi_{27}^4\ \Phi_{19}^3\ \Phi_9^4\ \Phi_3^4\ \Phi_1^6$
62139	1100	228	$\frac{1}{12}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\Phi_{228}^5\ \Phi_{114}^4\ \Phi_{76}^5\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{19}^5\ \Phi_{12}^{10}\ \Phi_6^8\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
62140	1100	1197	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{133}\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_{19}\ \Phi_7^2\ \Phi_1^2$
62141	1100	1099	$\frac{79}{1099}$	$\frac{179}{1099}$	$\frac{204}{1099}$	$\frac{230}{1099}$	$\Phi_{1099}\ \Phi_{157}\ \Phi_7\ \Phi_1^2$
62142	1100	1212	$\frac{1}{12}$	$\frac{16}{101}$	$\frac{17}{101}$	$\frac{21}{101}$	$\Phi_{1212}\ \Phi_{606}\ \Phi_{404}\ \Phi_{303}\ \Phi_{202}$
62143	1100	157	$\frac{12}{157}$	$\frac{25}{157}$	$\frac{29}{157}$	$\frac{32}{157}$	$\Phi_{157}^7\ \Phi_1^8$
62144	1100	1326	$\frac{16}{221}$	$\frac{1}{6}$	$\frac{41}{221}$	$\frac{45}{221}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{442}\ \Phi_{102}\ \Phi_{78}\ \Phi_{51}\ \Phi_{39}\ \Phi_{34}\ \Phi_{26}$
62145	1100	270	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{5}{27}$	$\frac{1}{5}$	$\Phi_{270}^6\ \Phi_{135}^4\ \Phi_{90}^6\ \Phi_{45}^4\ \Phi_{30}^7\ \Phi_{15}^5\ \Phi_{10}^7\ \Phi_5^4$
62146	1100	460	$\frac{7}{92}$	$\frac{15}{92}$	$\frac{17}{92}$	$\frac{1}{5}$	$\Phi_{460}^3\ \Phi_{230}^3\ \Phi_{115}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^2$
62147	1100	60	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{60}^{25}\ \Phi_{30}^{21}\ \Phi_{20}^{25}\ \Phi_{15}^{21}\ \Phi_{10}^{21}\ \Phi_5^{20}$
62148	1100	1620	$\frac{5}{54}$	$\frac{49}{324}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{180}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
62149	1100	630	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{630}^3\ \Phi_{315}^2\ \Phi_{210}^3\ \Phi_{105}^2\ \Phi_{70}^3\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
62150	1100	102	$\frac{2}{17}$	$\frac{7}{51}$	$\frac{1}{6}$	$\frac{3}{17}$	$\Phi_{102}^{13}\ \Phi_{51}^8\ \Phi_{34}^{13}\ \Phi_{17}^{10}\ \Phi_6^{12}\ \Phi_3^7\ \Phi_2^{12}\ \Phi_1^{10}$
62151	1101	1760	$\frac{1}{220}$	$\frac{221}{880}$	$\frac{659}{1760}$	$\frac{219}{440}$	$\Phi_{1760}\ \Phi_{440}\ \Phi_{352}\ \Phi_{160}\ \Phi_{88}\ \Phi_{40}\ \Phi_{32}\ \Phi_8\ \Phi_1$
62152	1101	2192	$\frac{5}{1096}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1091}{2192}$	$\Phi_{2192}\ \Phi_{16}\ \Phi_8\ \Phi_1$
62153	1101	1472	$\frac{3}{368}$	$\frac{1}{4}$	$\frac{371}{1472}$	$\frac{365}{736}$	$\Phi_{1472}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{64}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
62154	1101	728	$\frac{3}{364}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{361}{728}$	$\Phi_{728}^3\ \Phi_{104}^3\ \Phi_{56}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
62155	1101	2000	$\frac{1}{100}$	$\frac{101}{1000}$	$\frac{899}{2000}$	$\frac{99}{200}$	$\Phi_{2000}\ \Phi_{400}\ \Phi_{200}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_8\ \Phi_1$
62156	1101	2176	$\frac{13}{1088}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1075}{2176}$	$\Phi_{2176}\ \Phi_{128}\ \Phi_{16}\ \Phi_8\ \Phi_1$
62157	1101	720	$\frac{7}{360}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{353}{720}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{144}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{40}\ \Phi_{16}^3\ \Phi_8\ \Phi_1$
62158	1101	720	$\frac{7}{360}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{353}{720}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{144}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
62159	1101	720	$\frac{7}{360}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{353}{720}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{144}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
62160	1101	704	$\frac{1}{44}$	$\frac{15}{352}$	$\frac{337}{704}$	$\frac{43}{88}$	$\Phi_{704}^3\ \Phi_{88}\ \Phi_{64}^3\ \Phi_8\ \Phi_1$
62161	1101	528	$\frac{1}{44}$	$\frac{15}{176}$	$\frac{161}{528}$	$\frac{43}{88}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{132}^3\ \Phi_{88}\ \Phi_{66}^3\ \Phi_{48}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
62162	1101	1232	$\frac{1}{44}$	$\frac{131}{1232}$	$\frac{45}{176}$	$\frac{43}{88}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{112}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
62163	1101	1408	$\frac{1}{44}$	$\frac{45}{352}$	$\frac{307}{1408}$	$\frac{43}{88}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{128}\ \Phi_{88}\ \Phi_{64}\ \Phi_8\ \Phi_1$
62164	1101	440	$\frac{1}{44}$	$\frac{73}{440}$	$\frac{15}{88}$	$\frac{43}{88}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{88}\ \Phi_{55}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8\ \Phi_5^3\ \Phi_1$
62165	1101	1480	$\frac{9}{370}$	$\frac{1}{10}$	$\frac{379}{1480}$	$\frac{361}{740}$	$\Phi_{1480}\ \Phi_{370}\ \Phi_{296}\ \Phi_{185}\ \Phi_{74}\ \Phi_{40}\ \Phi_{37}\ \Phi_8\ \Phi_1$
62166	1101	704	$\frac{15}{352}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{337}{704}$	$\Phi_{704}^3\ \Phi_{64}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_2^2\ \Phi_1^3$
62167	1101	704	$\frac{15}{352}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{337}{704}$	$\Phi_{704}^3\ \Phi_{64}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
62168	1101	1190	$\frac{4}{85}$	$\frac{89}{1190}$	$\frac{1}{5}$	$\frac{81}{170}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{238}\ \Phi_{119}\ \Phi_{85}\ \Phi_{70}\ \Phi_{35}\ \Phi_{17}\ \Phi_{14}\ \Phi_7\ \Phi_1$
62169	1101	700	$\frac{1}{25}$	$\frac{17}{350}$	$\frac{8}{25}$	$\frac{333}{700}$	$\Phi_{700}^3\ \Phi_{140}^3\ \Phi_{100}^3\ \Phi_{28}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_5^2\ \Phi_4^3\ \Phi_1^3$
62170	1101	480	$\frac{1}{20}$	$\frac{7}{120}$	$\frac{113}{480}$	$\frac{19}{40}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{40}\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8\ \Phi_1$
62171	1101	400	$\frac{1}{20}$	$\frac{33}{400}$	$\frac{7}{40}$	$\frac{19}{40}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{80}^3\ \Phi_{50}^3\ \Phi_{40}\ \Phi_{25}^3\ \Phi_{16}^3\ \Phi_8\ \Phi_1$
62172	1101	1496	$\frac{1}{22}$	$\frac{21}{374}$	$\frac{395}{1496}$	$\frac{353}{748}$	$\Phi_{1496}\ \Phi_{374}\ \Phi_{187}\ \Phi_{136}\ \Phi_{88}\ \Phi_{34}\ \Phi_{17}\ \Phi_8\ \Phi_1$
62173	1101	2080	$\frac{1}{20}$	$\frac{61}{1040}$	$\frac{19}{80}$	$\frac{979}{2080}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
62174	1101	2080	$\frac{61}{1040}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{979}{2080}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{160}\ \Phi_{65}\ \Phi_{32}\ \Phi_{13}\ \Phi_1$
62175	1101	390	$\frac{23}{390}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{390}^3\ \Phi_{195}^3\ \Phi_{130}^2\ \Phi_{78}^3\ \Phi_{65}^3\ \Phi_{39}^3\ \Phi_{30}^3\ \Phi_{26}^2\ \Phi_{15}^3\ \Phi_{13}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
62176	1101	384	$\frac{17}{384}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
62177	1101	1380	$\frac{1}{23}$	$\frac{22}{345}$	$\frac{1}{4}$	$\frac{323}{690}$	$\Phi_{1380}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}\ \Phi_{115}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{60}\ \Phi_{46}\ \Phi_{23}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
62178	1101	500	$\frac{1}{25}$	$\frac{8}{125}$	$\frac{133}{500}$	$\frac{117}{250}$	$\Phi_{500}^3\ \Phi_{125}^3\ \Phi_{100}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_5^2\ \Phi_4^3\ \Phi_1^3$
62179	1101	680	$\frac{4}{85}$	$\frac{27}{340}$	$\frac{1}{5}$	$\frac{313}{680}$	$\Phi_{680}^3\ \Phi_{136}^3\ \Phi_{85}\ \Phi_{40}^3\ \Phi_{17}\ \Phi_8^3\ \Phi_1$
62180	1101	2024	$\frac{3}{92}$	$\frac{89}{1012}$	$\frac{1}{4}$	$\frac{923}{2024}$	$\Phi_{2024}\ \Phi_{184}\ \Phi_{92}\ \Phi_{88}\ \Phi_{46}\ \Phi_{23}\ \Phi_8\ \Phi_1$
62181	1101	2000	$\frac{1}{25}$	$\frac{101}{1000}$	$\frac{24}{125}$	$\frac{899}{2000}$	$\Phi_{2000}\ \Phi_{400}\ \Phi_{125}\ \Phi_{80}\ \Phi_{16}\ \Phi_1$
62182	1101	450	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{83}{450}$	$\frac{67}{150}$	$\Phi_{450}^3\ \Phi_{225}^3\ \Phi_{90}^3\ \Phi_{75}^3\ \Phi_{45}^3\ \Phi_{25}^2\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^2\ \Phi_3^3\ \Phi_1^3$
62183	1101	660	$\frac{1}{55}$	$\frac{37}{330}$	$\frac{18}{55}$	$\frac{293}{660}$	$\Phi_{660}^3\ \Phi_{220}^3\ \Phi_{132}^3\ \Phi_{60}^3\ \Phi_{55}^2\ \Phi_{44}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_1^3$
62184	1101	1280	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{179}{1280}$	$\frac{141}{320}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{256}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
62185	1101	1960	$\frac{1}{20}$	$\frac{121}{980}$	$\frac{19}{140}$	$\frac{859}{1960}$	$\Phi_{1960}\ \Phi_{392}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
62186	1101	644	$\frac{1}{46}$	$\frac{45}{322}$	$\frac{1}{4}$	$\frac{277}{644}$	$\Phi_{644}\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{28}\ \Phi_{23}^3\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
62187	1101	1540	$\frac{1}{55}$	$\frac{54}{385}$	$\frac{439}{1540}$	$\frac{331}{770}$	$\Phi_{1540}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}\ \Phi_{77}\ \Phi_{44}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_4\ \Phi_1$
62188	1101	640	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{47}{320}$	$\frac{273}{640}$	$\Phi_{640}^3\ \Phi_{160}\ \Phi_{128}^3\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
62189	1101	1120	$\frac{19}{1120}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
62190	1101	1250	$\frac{1}{25}$	$\frac{149}{1250}$	$\frac{24}{125}$	$\frac{101}{250}$	$\Phi_{1250}\ \Phi_{625}\ \Phi_{125}\ \Phi_1$
62191	1101	1840	$\frac{3}{184}$	$\frac{181}{920}$	$\frac{1}{4}$	$\frac{739}{1840}$	$\Phi_{1840}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{80}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_8\ \Phi_1$
62192	1101	600	$\frac{1}{100}$	$\frac{67}{300}$	$\frac{33}{100}$	$\frac{233}{600}$	$\Phi_{600}^3\ \Phi_{200}^3\ \Phi_{120}^3\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{40}^3\ \Phi_{25}^2\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
62193	1101	600	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{67}{300}$	$\frac{233}{600}$	$\Phi_{600}^3\ \Phi_{200}^3\ \Phi_{120}^3\ \Phi_{75}^3\ \Phi_{40}^3\ \Phi_{25}^2\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_8^3\ \Phi_5^2\ \Phi_3^3\ \Phi_1^3$
62194	1101	1600	$\frac{1}{100}$	$\frac{99}{400}$	$\frac{499}{1600}$	$\frac{301}{800}$	$\Phi_{1600}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{16}\ \Phi_8\ \Phi_1$
62195	1101	380	$\frac{13}{380}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{380}^3\ \Phi_{190}^3\ \Phi_{95}^3\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
62196	1101	385	$\frac{18}{385}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{385}^3\ \Phi_{77}^3\ \Phi_{55}^2\ \Phi_{35}^3\ \Phi_{11}^2\ \Phi_7^3\ \Phi_5^2\ \Phi_1^3$
62197	1101	560	$\frac{1}{20}$	$\frac{19}{280}$	$\frac{87}{280}$	$\frac{193}{560}$	$\Phi_{560}^3\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{16}^3\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
62198	1101	396	$\frac{1}{22}$	$\frac{29}{396}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^3\ \Phi_{99}^3\ \Phi_{66}^3\ \Phi_{36}^3\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_9^3\ \Phi_6^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
62199	1101	400	$\frac{1}{25}$	$\frac{33}{400}$	$\frac{8}{25}$	$\frac{17}{50}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_1^3$
62200	1101	440	$\frac{1}{55}$	$\frac{73}{440}$	$\frac{18}{55}$	$\frac{37}{110}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{88}^3\ \Phi_{55}^2\ \Phi_{44}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{11}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_1^3$
62201	1101	552	$\frac{1}{92}$	$\frac{1}{4}$	$\frac{91}{276}$	$\frac{185}{552}$	$\Phi_{552}^3\ \Phi_{184}^3\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{24}^3\ \Phi_{23}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
62202	1101	495	$\frac{1}{55}$	$\frac{37}{165}$	$\frac{128}{495}$	$\frac{18}{55}$	$\Phi_{495}^3\ \Phi_{99}^3\ \Phi_{55}^2\ \Phi_{45}^3\ \Phi_{11}^2\ \Phi_9^3\ \Phi_5^2\ \Phi_1^3$
62203	1101	544	$\frac{13}{544}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{177}{544}$	$\Phi_{544}^2\ \Phi_{272}^2\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{32}^2\ \Phi_{17}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
62204	1101	540	$\frac{7}{180}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{173}{540}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
62205	1101	525	$\frac{1}{25}$	$\frac{17}{175}$	$\frac{158}{525}$	$\frac{8}{25}$	$\Phi_{525}^3\ \Phi_{105}^3\ \Phi_{75}^3\ \Phi_{25}^2\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_5^2\ \Phi_3^3\ \Phi_1^3$
62206	1101	828	$\frac{1}{23}$	$\frac{47}{414}$	$\frac{1}{4}$	$\frac{22}{69}$	$\Phi_{828}^2\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}\ \Phi_{36}^2\ \Phi_{23}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
62207	1101	528	$\frac{1}{22}$	$\frac{15}{176}$	$\frac{161}{528}$	$\frac{7}{22}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{48}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_6^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
62208	1101	440	$\frac{1}{22}$	$\frac{73}{440}$	$\frac{15}{88}$	$\frac{7}{22}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{55}^3\ \Phi_{40}^3\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{11}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_2^2\ \Phi_1^3$
62209	1101	425	$\frac{4}{85}$	$\frac{58}{425}$	$\frac{1}{5}$	$\frac{27}{85}$	$\Phi_{425}^3\ \Phi_{85}\ \Phi_{25}^3\ \Phi_{17}\ \Phi_1$
62210	1101	528	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{1}{4}$	$\frac{161}{528}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{48}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
62211	1101	480	$\frac{7}{120}$	$\frac{1}{10}$	$\frac{113}{480}$	$\frac{3}{10}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
62212	1101	390	$\frac{23}{390}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{390}^3\ \Phi_{195}^3\ \Phi_{130}^3\ \Phi_{78}^3\ \Phi_{65}^3\ \Phi_{39}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
62213	1101	450	$\frac{7}{90}$	$\frac{1}{10}$	$\frac{83}{450}$	$\frac{3}{10}$	$\Phi_{450}^3\ \Phi_{225}^3\ \Phi_{150}^3\ \Phi_{75}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
62214	1101	400	$\frac{33}{400}$	$\frac{1}{10}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{80}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
62215	1101	420	$\frac{1}{10}$	$\frac{7}{60}$	$\frac{53}{420}$	$\frac{3}{10}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^3\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
62216	1101	520	$\frac{4}{65}$	$\frac{61}{520}$	$\frac{1}{5}$	$\frac{153}{520}$	$\Phi_{520}^2\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{104}^2\ \Phi_{65}^3\ \Phi_{52}^2\ \Phi_{40}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{13}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
62217	1101	480	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{113}{480}$	$\frac{47}{160}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{16}\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_8\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
62218	1101	384	$\frac{17}{384}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
62219	1101	510	$\frac{4}{85}$	$\frac{27}{170}$	$\frac{1}{5}$	$\frac{143}{510}$	$\Phi_{510}^3\ \Phi_{255}^3\ \Phi_{102}^3\ \Phi_{85}\ \Phi_{51}^3\ \Phi_{30}^3\ \Phi_{17}\ \Phi_{15}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
62220	1101	500	$\frac{1}{25}$	$\frac{24}{125}$	$\frac{101}{500}$	$\frac{133}{500}$	$\Phi_{500}^2\ \Phi_{250}^2\ \Phi_{125}^3\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
62221	1101	416	$\frac{3}{52}$	$\frac{49}{416}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{416}^3\ \Phi_{208}^3\ \Phi_{104}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
62222	1101	392	$\frac{25}{392}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{392}^3\ \Phi_{196}^3\ \Phi_{98}^3\ \Phi_{56}^3\ \Phi_{49}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
62223	1101	480	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{113}{480}$	$\frac{1}{4}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
62224	1101	384	$\frac{17}{384}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^3\ \Phi_{96}^3\ \Phi_{64}^2\ \Phi_{48}^3\ \Phi_{32}^2\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
62225	1101	460	$\frac{1}{23}$	$\frac{22}{115}$	$\frac{93}{460}$	$\frac{1}{4}$	$\Phi_{460}^2\ \Phi_{230}^2\ \Phi_{115}^3\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{23}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
62226	1101	1360	$\frac{13}{272}$	$\frac{3}{16}$	$\frac{259}{1360}$	$\frac{1}{4}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
62227	1101	400	$\frac{33}{400}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{80}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
62228	1101	432	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{432}$	$\frac{1}{4}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{48}^3\ \Phi_{27}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
62229	1101	1360	$\frac{4}{85}$	$\frac{259}{1360}$	$\frac{1}{5}$	$\frac{81}{340}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{272}\ \Phi_{136}\ \Phi_{85}\ \Phi_{80}\ \Phi_{40}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_1$
62230	1101	1300	$\frac{4}{65}$	$\frac{199}{1300}$	$\frac{1}{5}$	$\frac{61}{260}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{325}\ \Phi_{100}\ \Phi_{65}\ \Phi_{50}\ \Phi_{25}\ \Phi_{13}\ \Phi_1$
62231	1102	1098	$\frac{2}{549}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{547}{1098}$	$\Phi_{1098}^2\ \Phi_{366}^2\ \Phi_{122}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
62232	1102	2208	$\frac{1}{184}$	$\frac{185}{736}$	$\frac{1}{3}$	$\frac{183}{368}$	$\Phi_{2208}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}\ \Phi_{69}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
62233	1102	3288	$\frac{3}{548}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{545}{1096}$	$\Phi_{3288}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
62234	1102	1092	$\frac{5}{546}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{541}{1092}$	$\Phi_{1092}^2\ \Phi_{364}^2\ \Phi_{156}^2\ \Phi_{84}^2\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
62235	1102	3264	$\frac{7}{544}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{537}{1088}$	$\Phi_{3264}\ \Phi_{192}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
62236	1102	684	$\frac{1}{57}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{28}{57}$	$\Phi_{684}^3\ \Phi_{228}^3\ \Phi_{76}^3\ \Phi_{57}\ \Phi_{36}^4\ \Phi_{19}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
62237	1102	399	$\frac{1}{57}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{28}{57}$	$\Phi_{399}^3\ \Phi_{133}^3\ \Phi_{57}\ \Phi_{21}^4\ \Phi_{19}\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
62238	1102	513	$\frac{1}{57}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{28}{57}$	$\Phi_{513}^3\ \Phi_{57}\ \Phi_{27}^4\ \Phi_{19}\ \Phi_3\ \Phi_1^2$
62239	1102	456	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{28}{57}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{152}^3\ \Phi_{76}^3\ \Phi_{57}\ \Phi_{24}^4\ \Phi_{19}\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
62240	1102	1080	$\frac{11}{540}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{529}{1080}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
62241	1102	2072	$\frac{1}{37}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{18}{37}$	$\Phi_{2072}\ \Phi_{296}\ \Phi_{56}^2\ \Phi_{37}\ \Phi_8^2\ \Phi_1^2$
62242	1102	1554	$\frac{1}{37}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{18}{37}$	$\Phi_{1554}\ \Phi_{777}\ \Phi_{222}\ \Phi_{111}\ \Phi_{42}^2\ \Phi_{37}\ \Phi_{21}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
62243	1102	1184	$\frac{1}{37}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{18}{37}$	$\Phi_{1184}\ \Phi_{592}\ \Phi_{296}\ \Phi_{37}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
62244	1102	1295	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{18}{37}$	$\Phi_{1295}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}^2\ \Phi_5^2\ \Phi_1^2$
62245	1102	840	$\frac{1}{28}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{840}^4\ \Phi_{168}^3\ \Phi_{120}^4\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
62246	1102	3174	$\frac{22}{529}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{507}{1058}$	$\Phi_{3174}\ \Phi_{138}\ \Phi_{69}\ \Phi_6$
62247	1102	576	$\frac{1}{24}$	$\frac{25}{576}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{64}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
62248	1102	1056	$\frac{1}{24}$	$\frac{23}{528}$	$\frac{1}{3}$	$\frac{505}{1056}$	$\Phi_{1056}^2\ \Phi_{352}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
62249	1102	180	$\frac{1}{30}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{180}^{12}\ \Phi_{60}^{12}\ \Phi_{36}^{10}\ \Phi_{30}^2\ \Phi_{20}^{12}\ \Phi_{15}^2\ \Phi_{12}^{10}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
62250	1102	684	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{9}{38}$	$\frac{17}{36}$	$\Phi_{684}^3\ \Phi_{228}^3\ \Phi_{76}^3\ \Phi_{38}^2\ \Phi_{36}^4\ \Phi_{19}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
62251	1102	1035	$\frac{2}{69}$	$\frac{67}{1035}$	$\frac{1}{3}$	$\frac{484}{1035}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}\ \Phi_{115}\ \Phi_{69}^2\ \Phi_{45}\ \Phi_{23}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
62252	1102	702	$\frac{1}{39}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{702}^3\ \Phi_{234}^3\ \Phi_{78}^3\ \Phi_{54}^2\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
62253	1102	390	$\frac{1}{30}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{390}^3\ \Phi_{195}^3\ \Phi_{130}^3\ \Phi_{78}^3\ \Phi_{65}^3\ \Phi_{39}^3\ \Phi_{30}^2\ \Phi_{26}\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
62254	1102	3036	$\frac{1}{46}$	$\frac{45}{506}$	$\frac{1}{3}$	$\frac{461}{1012}$	$\Phi_{3036}\ \Phi_{276}\ \Phi_{138}\ \Phi_{132}\ \Phi_{69}\ \Phi_{12}\ \Phi_6$
62255	1102	1560	$\frac{1}{39}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{30}\ \Phi_{26}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
62256	1102	1680	$\frac{9}{560}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
62257	1102	966	$\frac{1}{69}$	$\frac{68}{483}$	$\frac{1}{3}$	$\frac{415}{966}$	$\Phi_{966}^2\ \Phi_{322}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{42}^2\ \Phi_{23}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
62258	1102	1950	$\frac{1}{39}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1950}\ \Phi_{650}\ \Phi_{390}\ \Phi_{195}\ \Phi_{150}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_6$
62259	1102	468	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{117}^3\ \Phi_{78}^3\ \Phi_{39}^2\ \Phi_{36}^2\ \Phi_{26}^3\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
62260	1102	1888	$\frac{1}{59}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1888}\ \Phi_{236}\ \Phi_{118}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
62261	1102	2760	$\frac{1}{92}$	$\frac{91}{460}$	$\frac{1}{3}$	$\frac{369}{920}$	$\Phi_{2760}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{120}\ \Phi_{69}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
62262	1102	624	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{624}^{3}\ \Phi_{208}^{3}\ \Phi_{78}^{3}\ \Phi_{48}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{3}\ \Phi_{16}^{2}\ \Phi_{13}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
62263	1102	1416	$\frac{1}{59}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{354}\ \Phi_{236}\ \Phi_{177}\ \Phi_{118}$
62264	1102	1770	$\frac{1}{59}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1770}\ \Phi_{590}\ \Phi_{354}\ \Phi_{295}\ \Phi_{118}$
62265	1102	828	$\frac{1}{138}$	$\frac{137}{414}$	$\frac{1}{3}$	$\frac{277}{828}$	$\Phi_{828}^{2}\ \Phi_{276}^{2}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{36}^{2}\ \Phi_{23}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
62266	1102	732	$\frac{2}{183}$	$\frac{181}{732}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{732}^{2}\ \Phi_{366}^{2}\ \Phi_{244}^{2}\ \Phi_{122}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
62267	1102	558	$\frac{7}{558}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{558}^{2}\ \Phi_{279}^{2}\ \Phi_{186}^{2}\ \Phi_{93}^{2}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
62268	1102	210	$\frac{1}{30}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^{6}\ \Phi_{105}^{6}\ \Phi_{70}^{6}\ \Phi_{42}^{6}\ \Phi_{35}^{6}\ \Phi_{30}^{2}\ \Phi_{21}^{4}\ \Phi_{15}^{2}\ \Phi_{14}^{6}\ \Phi_{10}^{2}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
62269	1102	816	$\frac{7}{272}$	$\frac{1}{8}$	$\frac{265}{816}$	$\frac{1}{3}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}^{2}\ \Phi_{204}\ \Phi_{136}^{2}\ \Phi_{102}\ \Phi_{68}^{2}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}^{2}\ \Phi_{24}^{2}\ \Phi_{17}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
62270	1102	621	$\frac{2}{69}$	$\frac{70}{621}$	$\frac{67}{207}$	$\frac{1}{3}$	$\Phi_{621}^{2}\ \Phi_{207}\ \Phi_{69}^{2}\ \Phi_{27}^{2}\ \Phi_{23}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
62271	1102	420	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{4}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{70}^{4}\ \Phi_{60}^{3}\ \Phi_{42}\ \Phi_{35}^{4}\ \Phi_{30}^{3}\ \Phi_{28}^{4}\ \Phi_{21}\ \Phi_{20}^{4}\ \Phi_{15}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
62272	1102	576	$\frac{25}{576}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{576}^{2}\ \Phi_{288}^{2}\ \Phi_{192}^{2}\ \Phi_{144}^{2}\ \Phi_{96}^{2}\ \Phi_{72}^{2}\ \Phi_{64}^{2}\ \Phi_{48}^{2}\ \Phi_{32}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
62273	1102	792	$\frac{1}{24}$	$\frac{23}{264}$	$\frac{241}{792}$	$\frac{1}{3}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
62274	1102	270	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{270}^{6}\ \Phi_{135}^{6}\ \Phi_{54}^{2}\ \Phi_{30}^{2}\ \Phi_{27}^{4}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
62275	1102	480	$\frac{1}{20}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{120}^{4}\ \Phi_{96}^{3}\ \Phi_{60}\ \Phi_{48}^{3}\ \Phi_{30}\ \Phi_{24}^{3}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
62276	1102	798	$\frac{1}{19}$	$\frac{2}{21}$	$\frac{9}{38}$	$\frac{1}{3}$	$\Phi_{798}^{2}\ \Phi_{399}\ \Phi_{266}^{2}\ \Phi_{133}\ \Phi_{42}^{2}\ \Phi_{38}^{2}\ \Phi_{21}^{2}\ \Phi_{19}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
62277	1102	720	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{169}{720}$	$\frac{1}{3}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{144}^{2}\ \Phi_{120}^{2}\ \Phi_{80}^{2}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{40}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
62278	1102	468	$\frac{1}{39}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{156}^{3}\ \Phi_{78}^{3}\ \Phi_{52}^{3}\ \Phi_{39}^{2}\ \Phi_{36}^{3}\ \Phi_{26}^{3}\ \Phi_{18}^{2}\ \Phi_{13}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
62279	1102	90	$\frac{1}{30}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{90}^{12}\ \Phi_{45}^{11}\ \Phi_{30}^{14}\ \Phi_{18}^{12}\ \Phi_{15}^{13}\ \Phi_{10}^{14}\ \Phi_{9}^{12}\ \Phi_{6}^{14}\ \Phi_{5}^{13}\ \Phi_{3}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
62280	1102	576	$\frac{25}{576}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{576}^{2}\ \Phi_{288}^{2}\ \Phi_{192}^{2}\ \Phi_{144}^{2}\ \Phi_{96}\ \Phi_{72}^{2}\ \Phi_{64}^{2}\ \Phi_{48}\ \Phi_{36}^{2}\ \Phi_{32}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
62281	1102	120	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^{12}\ \Phi_{30}^{2}\ \Phi_{24}^{10}\ \Phi_{20}^{12}\ \Phi_{15}^{2}\ \Phi_{12}^{10}\ \Phi_{10}^{2}\ \Phi_{8}^{10}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
62282	1102	690	$\frac{2}{69}$	$\frac{67}{345}$	$\frac{139}{690}$	$\frac{1}{3}$	$\Phi_{690}^{2}\ \Phi_{345}\ \Phi_{230}^{2}\ \Phi_{138}^{2}\ \Phi_{115}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{30}^{2}\ \Phi_{23}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
62283	1102	2040	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{129}{680}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
62284	1102	600	$\frac{49}{600}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{600}^{2}\ \Phi_{300}^{2}\ \Phi_{200}^{2}\ \Phi_{150}^{2}\ \Phi_{120}^{2}\ \Phi_{100}^{2}\ \Phi_{75}^{2}\ \Phi_{50}^{2}\ \Phi_{40}^{2}\ \Phi_{25}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
62285	1102	420	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{105}^{3}\ \Phi_{84}^{4}\ \Phi_{60}^{5}\ \Phi_{42}^{4}\ \Phi_{30}^{5}\ \Phi_{21}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
62286	1102	588	$\frac{37}{588}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{588}^{2}\ \Phi_{294}^{2}\ \Phi_{196}^{2}\ \Phi_{147}^{2}\ \Phi_{98}^{2}\ \Phi_{84}^{2}\ \Phi_{49}^{2}\ \Phi_{28}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
62287	1102	624	$\frac{5}{78}$	$\frac{73}{624}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{624}^{2}\ \Phi_{312}^{2}\ \Phi_{208}^{2}\ \Phi_{156}^{2}\ \Phi_{104}^{2}\ \Phi_{52}^{2}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
62288	1102	648	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{648}$	$\frac{1}{3}$	$\Phi_{648}^{2}\ \Phi_{324}^{2}\ \Phi_{216}^{2}\ \Phi_{162}^{2}\ \Phi_{81}^{2}\ \Phi_{72}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
62289	1102	1026	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{9}{38}$	$\frac{8}{27}$	$\Phi_{1026}^{2}\ \Phi_{513}\ \Phi_{54}^{2}\ \Phi_{38}^{2}\ \Phi_{27}^{2}\ \Phi_{19}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
62290	1102	456	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{9}{38}$	$\Phi_{456}^{3}\ \Phi_{228}^{3}\ \Phi_{152}^{3}\ \Phi_{76}^{3}\ \Phi_{38}^{2}\ \Phi_{24}^{4}\ \Phi_{19}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
62291	1102	105	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{105}^{11}\ \Phi_{35}^{8}\ \Phi_{21}^{14}\ \Phi_{15}^{11}\ \Phi_{7}^{10}\ \Phi_{5}^{7}\ \Phi_{3}^{14}\ \Phi_{1}^{10}$
62292	1103	2088	$\frac{1}{58}$	$\frac{59}{1044}$	$\frac{985}{2088}$	$\frac{57}{116}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{232}\ \Phi_{116}\ \Phi_{72}\ \Phi_{24}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
62293	1103	1392	$\frac{1}{58}$	$\frac{59}{348}$	$\frac{289}{1392}$	$\frac{57}{116}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
62294	1103	2128	$\frac{1}{38}$	$\frac{39}{1064}$	$\frac{1025}{2128}$	$\frac{37}{76}$	$\Phi_{2128}\ \Phi_{304}\ \Phi_{112}\ \Phi_{76}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
62295	1103	1596	$\frac{1}{38}$	$\frac{39}{532}$	$\frac{493}{1596}$	$\frac{37}{76}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{399}\ \Phi_{228}\ \Phi_{114}\ \Phi_{84}\ \Phi_{76}\ \Phi_{57}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
62296	1103	1216	$\frac{1}{38}$	$\frac{113}{1216}$	$\frac{39}{152}$	$\frac{37}{76}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{304}\ \Phi_{76}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
62297	1103	2088	$\frac{1}{29}$	$\frac{59}{1044}$	$\frac{28}{87}$	$\frac{985}{2088}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{232}\ \Phi_{87}\ \Phi_{72}\ \Phi_{24}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
62298	1103	1508	$\frac{1}{29}$	$\frac{28}{377}$	$\frac{405}{1508}$	$\frac{349}{754}$	$\Phi_{1508}\ \Phi_{377}\ \Phi_{116}\ \Phi_{52}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
62299	1103	2052	$\frac{1}{38}$	$\frac{77}{1026}$	$\frac{37}{114}$	$\frac{949}{2052}$	$\Phi_{2052}\ \Phi_{684}\ \Phi_{228}\ \Phi_{114}\ \Phi_{108}\ \Phi_{76}\ \Phi_{57}\ \Phi_{36}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
62300	1103	1520	$\frac{1}{38}$	$\frac{37}{380}$	$\frac{417}{1520}$	$\frac{343}{760}$	$\Phi_{1520}\ \Phi_{380}\ \Phi_{304}\ \Phi_{190}\ \Phi_{95}\ \Phi_{80}\ \Phi_{76}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
62301	1103	1900	$\frac{1}{38}$	$\frac{153}{950}$	$\frac{37}{190}$	$\frac{797}{1900}$	$\Phi_{1900}\ \Phi_{380}\ \Phi_{190}\ \Phi_{100}\ \Phi_{95}\ \Phi_{76}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
62302	1103	1368	$\frac{1}{38}$	$\frac{37}{228}$	$\frac{265}{1368}$	$\frac{191}{456}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}\ \Phi_{72}\ \Phi_{57}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
62303	1103	1856	$\frac{1}{58}$	$\frac{175}{928}$	$\frac{57}{232}$	$\frac{753}{1856}$	$\Phi_{1856}\ \Phi_{232}\ \Phi_{116}\ \Phi_{64}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
62304	1103	1824	$\frac{1}{38}$	$\frac{37}{228}$	$\frac{191}{912}$	$\frac{721}{1824}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{57}\ \Phi_{32}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
62305	1103	1392	$\frac{1}{58}$	$\frac{289}{1392}$	$\frac{57}{232}$	$\frac{175}{464}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
62306	1103	1740	$\frac{1}{58}$	$\frac{57}{290}$	$\frac{233}{870}$	$\frac{637}{1740}$	$\Phi_{1740}\ \Phi_{580}\ \Phi_{348}\ \Phi_{290}\ \Phi_{145}\ \Phi_{116}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
62307	1103	1218	$\frac{1}{29}$	$\frac{115}{1218}$	$\frac{28}{87}$	$\frac{59}{174}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{406}\ \Phi_{203}\ \Phi_{87}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
62308	1103	1368	$\frac{1}{38}$	$\frac{265}{1368}$	$\frac{77}{342}$	$\frac{37}{114}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{72}\ \Phi_{57}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
62309	1103	1566	$\frac{1}{29}$	$\frac{59}{522}$	$\frac{463}{1566}$	$\frac{28}{87}$	$\Phi_{1566}\ \Phi_{783}\ \Phi_{87}\ \Phi_{54}\ \Phi_{27}\ \Phi_{3}\ \Phi_{1}$
62310	1103	1305	$\frac{1}{29}$	$\frac{202}{1305}$	$\frac{59}{261}$	$\frac{28}{87}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{145}\ \Phi_{87}\ \Phi_{45}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
62311	1103	1392	$\frac{1}{29}$	$\frac{59}{348}$	$\frac{289}{1392}$	$\frac{28}{87}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{232}\ \Phi_{87}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
62312	1104	825	$\frac{1}{275}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{137}{275}$	$\Phi_{825}\ \Phi_{275}^2\ \Phi_{165}\ \Phi_{75}\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
62313	1104	1103	$\frac{5}{1103}$	$\frac{277}{1103}$	$\frac{413}{1103}$	$\frac{549}{1103}$	$\Phi_{1103}\ \Phi_{1}^2$
62314	1104	1659	$\frac{3}{553}$	$\frac{139}{553}$	$\frac{1}{3}$	$\frac{275}{553}$	$\Phi_{1659}\ \Phi_{237}\ \Phi_{21}$
62315	1104	915	$\frac{1}{183}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{91}{183}$	$\Phi_{915}\ \Phi_{305}\ \Phi_{183}^2\ \Phi_{61}^2\ \Phi_{15}\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
62316	1104	732	$\frac{1}{183}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{91}{183}$	$\Phi_{732}^2\ \Phi_{366}^2\ \Phi_{244}^2\ \Phi_{122}^2\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
62317	1104	1103	$\frac{7}{1103}$	$\frac{185}{1103}$	$\frac{459}{1103}$	$\frac{548}{1103}$	$\Phi_{1103}\ \Phi_{1}^2$
62318	1104	959	$\frac{1}{137}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{68}{137}$	$\Phi_{959}\ \Phi_{137}^2\ \Phi_{7}^2\ \Phi_{1}^4$
62319	1104	2055	$\frac{1}{137}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{68}{137}$	$\Phi_{2055}\ \Phi_{15}^2$
62320	1104	492	$\frac{1}{123}$	$\frac{1}{4}$	$\frac{31}{123}$	$\frac{61}{123}$	$\Phi_{492}^3\ \Phi_{246}^3\ \Phi_{164}^3\ \Phi_{82}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
62321	1104	1103	$\frac{9}{1103}$	$\frac{139}{1103}$	$\frac{482}{1103}$	$\frac{547}{1103}$	$\Phi_{1103}\ \Phi_{1}^2$
62322	1104	1103	$\frac{9}{1103}$	$\frac{275}{1103}$	$\frac{278}{1103}$	$\frac{547}{1103}$	$\Phi_{1103}\ \Phi_{1}^2$
62323	1104	1659	$\frac{5}{553}$	$\frac{93}{553}$	$\frac{1}{3}$	$\frac{274}{553}$	$\Phi_{1659}\ \Phi_{237}\ \Phi_{21}$
62324	1104	1385	$\frac{3}{277}$	$\frac{1}{5}$	$\frac{70}{277}$	$\frac{137}{277}$	Φ_{1385}
62325	1104	1001	$\frac{1}{91}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{45}{91}$	$\Phi_{1001}\ \Phi_{143}\ \Phi_{91}^2\ \Phi_{77}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{1}^4$
62326	1104	273	$\frac{1}{91}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{45}{91}$	$\Phi_{273}^6\ \Phi_{39}^6\ \Phi_{21}^7\ \Phi_{3}^6$
62327	1104	1001	$\frac{1}{91}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{45}{91}$	$\Phi_{1001}\ \Phi_{143}\ \Phi_{91}^2\ \Phi_{77}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{1}^4$
62328	1104	1820	$\frac{1}{91}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{45}{91}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{260}\ \Phi_{140}\ \Phi_{130}\ \Phi_{70}\ \Phi_{20}^2\ \Phi_{10}^2$
62329	1104	1103	$\frac{13}{1103}$	$\frac{93}{1103}$	$\frac{505}{1103}$	$\frac{545}{1103}$	$\Phi_{1103}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
62330	1104	1103	$\frac{13}{1103}$	$\frac{206}{1103}$	$\frac{279}{1103}$	$\frac{545}{1103}$	$\Phi_{1103}\ \Phi_1^2$
62331	1104	237	$\frac{1}{79}$	$\frac{10}{79}$	$\frac{1}{3}$	$\frac{39}{79}$	$\Phi_{237}^7\ \Phi_3^6$
62332	1104	2040	$\frac{1}{68}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{67}{136}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{136}^2\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
62333	1104	1224	$\frac{1}{68}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{67}{136}$	$\Phi_{1224}^2\ \Phi_{408}\ \Phi_{136}^2\ \Phi_{72}^2\ \Phi_{24}\ \Phi_9^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
62334	1104	680	$\frac{1}{68}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{67}{136}$	$\Phi_{680}^3\ \Phi_{136}^4\ \Phi_{40}^3\ \Phi_8^4\ \Phi_5^3\ \Phi_1^4$
62335	1104	1103	$\frac{17}{1103}$	$\frac{140}{1103}$	$\frac{321}{1103}$	$\frac{543}{1103}$	$\Phi_{1103}\ \Phi_1^2$
62336	1104	1295	$\frac{3}{185}$	$\frac{1}{7}$	$\frac{47}{185}$	$\frac{91}{185}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{35}$
62337	1104	1103	$\frac{19}{1103}$	$\frac{187}{1103}$	$\frac{229}{1103}$	$\frac{542}{1103}$	$\Phi_{1103}\ \Phi_1^2$
62338	1104	1385	$\frac{5}{277}$	$\frac{47}{277}$	$\frac{1}{5}$	$\frac{136}{277}$	Φ_{1385}
62339	1104	1476	$\frac{7}{369}$	$\frac{47}{369}$	$\frac{1}{4}$	$\frac{181}{369}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{492}\ \Phi_{246}\ \Phi_{164}\ \Phi_{82}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
62340	1104	1103	$\frac{21}{1103}$	$\frac{137}{1103}$	$\frac{281}{1103}$	$\frac{541}{1103}$	$\Phi_{1103}\ \Phi_1^2$
62341	1104	1659	$\frac{11}{553}$	$\frac{47}{553}$	$\frac{1}{3}$	$\frac{271}{553}$	$\Phi_{1659}\ \Phi_{237}\ \Phi_{21}$
62342	1104	2068	$\frac{1}{47}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{23}{47}$	$\Phi_{2068}\ \Phi_{188}\ \Phi_{47}\ \Phi_{44}^2\ \Phi_4^2\ \Phi_1^2$
62343	1104	1551	$\frac{1}{47}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{47}$	$\Phi_{1551}\ \Phi_{141}\ \Phi_{47}\ \Phi_{33}^2\ \Phi_3^2\ \Phi_1^2$
62344	1104	1035	$\frac{1}{45}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{22}{45}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}\ \Phi_{115}\ \Phi_{69}\ \Phi_{45}^2\ \Phi_{23}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
62345	1104	585	$\frac{1}{45}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{117}^2\ \Phi_{65}^2\ \Phi_{39}^3\ \Phi_{13}^2$
62346	1104	1035	$\frac{1}{45}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{22}{45}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}\ \Phi_{115}\ \Phi_{69}\ \Phi_{45}^2\ \Phi_{23}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
62347	1104	180	$\frac{1}{45}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{22}{45}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^8\ \Phi_{36}^9\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{18}^9\ \Phi_{12}^9\ \Phi_{10}^8\ \Phi_6^9\ \Phi_4^8\ \Phi_2^8$
62348	1104	1035	$\frac{1}{45}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{22}{45}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}\ \Phi_{115}\ \Phi_{69}\ \Phi_{45}^2\ \Phi_{23}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
62349	1104	315	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{22}{45}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{35}^5\ \Phi_{21}^4\ \Phi_7^4$
62350	1104	1103	$\frac{25}{1103}$	$\frac{47}{1103}$	$\frac{528}{1103}$	$\frac{539}{1103}$	$\Phi_{1103}\ \Phi_1^2$
62351	1104	820	$\frac{1}{41}$	$\frac{21}{205}$	$\frac{1}{4}$	$\frac{20}{41}$	$\Phi_{820}^2\ \Phi_{410}^2\ \Phi_{164}\ \Phi_{82}\ \Phi_{20}^2\ \Phi_{10}^2$
62352	1104	777	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{19}{111}$	$\frac{18}{37}$	$\Phi_{777}^2\ \Phi_{259}\ \Phi_{21}^2$
62353	1104	1103	$\frac{33}{1103}$	$\frac{71}{1103}$	$\frac{344}{1103}$	$\frac{535}{1103}$	$\Phi_{1103}\ \Phi_1^2$
62354	1104	403	$\frac{1}{31}$	$\frac{1}{13}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{403}^3\ \Phi_{13}^2$
62355	1104	1103	$\frac{37}{1103}$	$\frac{95}{1103}$	$\frac{252}{1103}$	$\frac{533}{1103}$	$\Phi_{1103}\ \Phi_1^2$
62356	1104	1251	$\frac{5}{139}$	$\frac{1}{9}$	$\frac{24}{139}$	$\frac{67}{139}$	$\Phi_{1251}\ \Phi_{417}$
62357	1104	1103	$\frac{41}{1103}$	$\frac{143}{1103}$	$\frac{160}{1103}$	$\frac{531}{1103}$	$\Phi_{1103}\ \Phi_1^2$
62358	1104	1295	$\frac{7}{185}$	$\frac{24}{185}$	$\frac{1}{7}$	$\frac{89}{185}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{35}$
62359	1104	1103	$\frac{43}{1103}$	$\frac{114}{1103}$	$\frac{191}{1103}$	$\frac{530}{1103}$	$\Phi_{1103}\ \Phi_1^2$
62360	1104	1385	$\frac{11}{277}$	$\frac{24}{277}$	$\frac{1}{5}$	$\frac{133}{277}$	Φ_{1385}
62361	1104	492	$\frac{5}{123}$	$\frac{8}{123}$	$\frac{1}{4}$	$\frac{59}{123}$	$\Phi_{492}^3\ \Phi_{246}^3\ \Phi_{164}^3\ \Phi_{82}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
62362	1104	1103	$\frac{45}{1103}$	$\frac{68}{1103}$	$\frac{287}{1103}$	$\frac{529}{1103}$	$\Phi_{1103}\ \Phi_1^2$
62363	1104	1659	$\frac{23}{553}$	$\frac{24}{553}$	$\frac{1}{3}$	$\frac{265}{553}$	$\Phi_{1659}\ \Phi_{237}\ \Phi_{21}$
62364	1104	552	$\frac{1}{24}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{184}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{24}^4\ \Phi_{23}^2\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
62365	1104	690	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{11}{23}$	$\Phi_{690}^2\ \Phi_{345}\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{115}\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{30}^4\ \Phi_{23}^2\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
62366	1104	575	$\frac{1}{23}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{575}^2\ \Phi_{115}\ \Phi_{25}^4\ \Phi_{23}^2\ \Phi_5^2\ \Phi_1^4$
62367	1104	621	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{11}{23}$	$\Phi_{621}^2\ \Phi_{207}\ \Phi_{69}\ \Phi_{27}^4\ \Phi_{23}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
62368	1104	3300	$\frac{1}{25}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{3300}\ \Phi_{660}\ \Phi_{300}\ \Phi_{75}\ \Phi_{60}\ \Phi_{15}$
62369	1104	2068	$\frac{2}{47}$	$\frac{1}{22}$	$\frac{15}{47}$	$\frac{21}{44}$	$\Phi_{2068}\ \Phi_{188}\ \Phi_{47}\ \Phi_{44}^2\ \Phi_4^2\ \Phi_1^2$
62370	1104	748	$\frac{1}{22}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{748}\ \Phi_{374}^2\ \Phi_{187}^2\ \Phi_{68}^2\ \Phi_{34}^3\ \Phi_{17}^2$
62371	1104	2068	$\frac{1}{22}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{21}{44}$	$\Phi_{2068}\ \Phi_{188}\ \Phi_{47}\ \Phi_{44}^2\ \Phi_4^2\ \Phi_1^2$
62372	1104	2860	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{2860}\ \Phi_{260}\ \Phi_{65}$
62373	1104	2068	$\frac{1}{22}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{21}{44}$	$\Phi_{2068}\ \Phi_{188}\ \Phi_{47}\ \Phi_{44}^2\ \Phi_4^2\ \Phi_1^2$
62374	1104	2772	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{21}{44}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{252}\ \Phi_{84}\ \Phi_{63}\ \Phi_{21}$
62375	1104	1176	$\frac{1}{24}$	$\frac{3}{49}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{168}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
62376	1104	2210	$\frac{1}{17}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{2210}\ \Phi_{442}\ \Phi_{170}\ \Phi_{85}\ \Phi_{34}$
62377	1104	510	$\frac{1}{34}$	$\frac{1}{15}$	$\frac{11}{34}$	$\frac{7}{15}$	$\Phi_{510}^2\ \Phi_{255}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{34}^4\ \Phi_{30}^2\ \Phi_{17}^4\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^3\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
62378	1104	120	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{120}^9\ \Phi_{60}^8\ \Phi_{40}^9\ \Phi_{30}^8\ \Phi_{24}^{12}\ \Phi_{20}^8\ \Phi_{15}^9\ \Phi_{12}^{11}\ \Phi_{10}^8\ \Phi_8^{12}\ \Phi_6^{11}\ \Phi_5^9\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
62379	1104	255	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{16}{85}$	$\frac{7}{15}$	$\Phi_{255}^4\ \Phi_{85}^5\ \Phi_{51}^4\ \Phi_{17}^4\ \Phi_{15}^5\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
62380	1104	476	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{476}^2\ \Phi_{238}^3\ \Phi_{119}^3\ \Phi_{68}^2\ \Phi_{34}^3\ \Phi_{17}^2$
62381	1104	1103	$\frac{35}{1103}$	$\frac{89}{1103}$	$\frac{298}{1103}$	$\frac{507}{1103}$	$\Phi_{1103}\ \Phi_1^2$
62382	1104	1659	$\frac{13}{553}$	$\frac{45}{553}$	$\frac{1}{3}$	$\frac{254}{553}$	$\Phi_{1659}\ \Phi_{237}\ \Phi_{21}$
62383	1104	1103	$\frac{26}{1103}$	$\frac{93}{1103}$	$\frac{359}{1103}$	$\frac{505}{1103}$	$\Phi_{1103}\ \Phi_1^2$
62384	1104	1551	$\frac{1}{47}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1551}\ \Phi_{141}^2$
62385	1104	1001	$\frac{3}{91}$	$\frac{1}{11}$	$\frac{22}{91}$	$\frac{5}{11}$	$\Phi_{1001}\ \Phi_{143}\ \Phi_{91}^2\ \Phi_{77}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
62386	1104	1320	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{120}^2\ \Phi_{110}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2$
62387	1104	539	$\frac{3}{49}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{539}^2\ \Phi_{77}\ \Phi_{49}^4\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
62388	1104	286	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{3}{26}$	$\frac{5}{11}$	$\Phi_{286}^4\ \Phi_{143}^3\ \Phi_{26}^8\ \Phi_{22}^4\ \Phi_{13}^6\ \Phi_{11}^4\ \Phi_2^8\ \Phi_1^8$
62389	1104	294	$\frac{1}{49}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{294}^7\ \Phi_{147}\ \Phi_{98}^7\ \Phi_{42}^6\ \Phi_{21}\ \Phi_{14}^6\ \Phi_6^6\ \Phi_2^6$
62390	1104	714	$\frac{1}{17}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{714}^3\ \Phi_{238}^3\ \Phi_{119}\ \Phi_{102}^3\ \Phi_{34}^3$
62391	1104	1360	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{272}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{34}$
62392	1104	1176	$\frac{1}{24}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{168}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
62393	1104	756	$\frac{5}{189}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{18}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_6$
62394	1104	1175	$\frac{1}{47}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1175}\ \Phi_{235}$
62395	1104	1103	$\frac{39}{1103}$	$\frac{133}{1103}$	$\frac{206}{1103}$	$\frac{485}{1103}$	$\Phi_{1103}\ \Phi_1^2$
62396	1104	164	$\frac{1}{41}$	$\frac{5}{41}$	$\frac{1}{4}$	$\frac{18}{41}$	$\Phi_{164}^9\ \Phi_{82}^9\ \Phi_4^8\ \Phi_2^8$
62397	1104	1568	$\frac{1}{49}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1568}\ \Phi_{392}\ \Phi_{224}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
62398	1104	1103	$\frac{27}{1103}$	$\frac{139}{1103}$	$\frac{269}{1103}$	$\frac{482}{1103}$	$\Phi_{1103}\ \Phi_1^2$
62399	1104	210	$\frac{1}{70}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{210}^8\ \Phi_{105}^8\ \Phi_{42}^8\ \Phi_{30}^8\ \Phi_{21}^7\ \Phi_{15}^8\ \Phi_6^8\ \Phi_3^6$
62400	1104	959	$\frac{2}{137}$	$\frac{1}{7}$	$\frac{45}{137}$	$\frac{3}{7}$	$\Phi_{959}\ \Phi_{137}^2\ \Phi_7^2\ \Phi_1^4$
62401	1104	1316	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1316}\ \Phi_{658}\ \Phi_{188}^2\ \Phi_{94}^2$
62402	1104	959	$\frac{5}{137}$	$\frac{1}{7}$	$\frac{22}{137}$	$\frac{3}{7}$	$\Phi_{959}\ \Phi_{137}^2\ \Phi_7^2\ \Phi_1^4$
62403	1104	168	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{168}^7\ \Phi_{84}^7\ \Phi_{56}^7\ \Phi_{42}^7\ \Phi_{28}^7\ \Phi_{24}^6\ \Phi_{21}^7\ \Phi_{14}^7\ \Phi_{12}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
62404	1104	1960	$\frac{1}{49}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1960}\ \Phi_{392}\ \Phi_{280}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
62405	1104	680	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{680}^3\ \Phi_{170}\ \Phi_{136}^3\ \Phi_{85}\ \Phi_{34}$
62406	1104	1103	$\frac{41}{1103}$	$\frac{160}{1103}$	$\frac{177}{1103}$	$\frac{463}{1103}$	$\Phi_{1103}\ \Phi_1^2$
62407	1104	1385	$\frac{7}{277}$	$\frac{45}{277}$	$\frac{1}{5}$	$\frac{116}{277}$	Φ_{1385}
62408	1104	1103	$\frac{17}{1103}$	$\frac{181}{1103}$	$\frac{321}{1103}$	$\frac{461}{1103}$	$\Phi_{1103}\ \Phi_1^2$
62409	1104	237	$\frac{1}{79}$	$\frac{13}{79}$	$\frac{1}{3}$	$\frac{33}{79}$	$\Phi_{237}^7\ \Phi_3^6$
62410	1104	1103	$\frac{14}{1103}$	$\frac{185}{1103}$	$\frac{363}{1103}$	$\frac{459}{1103}$	$\Phi_{1103}\ \Phi_1^2$
62411	1104	1190	$\frac{1}{70}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{238}\ \Phi_{170}\ \Phi_{119}\ \Phi_{85}\ \Phi_{34}$
62412	1104	465	$\frac{1}{93}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{465}^2\ \Phi_{155}^2\ \Phi_{93}^4\ \Phi_{31}^4\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
62413	1104	305	$\frac{1}{61}$	$\frac{1}{5}$	$\frac{15}{61}$	$\frac{2}{5}$	$\Phi_{305}^3\ \Phi_{61}^6\ \Phi_5^4\ \Phi_1^8$
62414	1104	235	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{235}^5\ \Phi_{47}^4$
62415	1104	665	$\frac{3}{95}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{665}^2\ \Phi_{133}^2\ \Phi_{35}$
62416	1104	915	$\frac{7}{183}$	$\frac{22}{183}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{915}\ \Phi_{305}\ \Phi_{183}^2\ \Phi_{61}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
62417	1104	360	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^2\ \Phi_{90}^3\ \Phi_{72}^6\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^6\ \Phi_{30}^2\ \Phi_{24}^4\ \Phi_{20}^2\ \Phi_{18}^6\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
62418	1104	1103	$\frac{29}{1103}$	$\frac{179}{1103}$	$\frac{231}{1103}$	$\frac{436}{1103}$	$\Phi_{1103}\ \Phi_1^2$
62419	1104	1176	$\frac{1}{24}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{168}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
62420	1104	1209	$\frac{1}{93}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1209}\ \Phi_{403}\ \Phi_{39}$
62421	1104	1904	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{1904}\ \Phi_{272}\ \Phi_{238}\ \Phi_{119}\ \Phi_{34}$
62422	1104	1103	$\frac{43}{1103}$	$\frac{114}{1103}$	$\frac{265}{1103}$	$\frac{419}{1103}$	$\Phi_{1103}\ \Phi_1^2$
62423	1104	259	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{9}{37}$	$\frac{14}{37}$	$\Phi_{259}^5\ \Phi_7^4$
62424	1104	1103	$\frac{19}{1103}$	$\frac{229}{1103}$	$\frac{271}{1103}$	$\frac{416}{1103}$	$\Phi_{1103}\ \Phi_1^2$
62425	1104	1476	$\frac{5}{369}$	$\frac{91}{369}$	$\frac{1}{4}$	$\frac{139}{369}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{492}\ \Phi_{246}\ \Phi_{164}\ \Phi_{82}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
62426	1104	1103	$\frac{11}{1103}$	$\frac{273}{1103}$	$\frac{344}{1103}$	$\frac{415}{1103}$	$\Phi_{1103}\ \Phi_1^2$
62427	1104	1659	$\frac{5}{553}$	$\frac{137}{553}$	$\frac{1}{3}$	$\frac{208}{553}$	$\Phi_{1659}\ \Phi_{237}\ \Phi_{21}$
62428	1104	1103	$\frac{15}{1103}$	$\frac{272}{1103}$	$\frac{277}{1103}$	$\frac{413}{1103}$	$\Phi_{1103}\ \Phi_1^2$
62429	1104	1764	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
62430	1104	1175	$\frac{1}{47}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1175}\ \Phi_{235}$
62431	1104	1103	$\frac{31}{1103}$	$\frac{134}{1103}$	$\frac{323}{1103}$	$\frac{390}{1103}$	$\Phi_{1103}\ \Phi_1^2$
62432	1104	1176	$\frac{1}{24}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{168}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
62433	1104	1103	$\frac{44}{1103}$	$\frac{91}{1103}$	$\frac{353}{1103}$	$\frac{375}{1103}$	$\Phi_{1103}\ \Phi_1^2$
62434	1104	1251	$\frac{4}{139}$	$\frac{1}{9}$	$\frac{45}{139}$	$\frac{47}{139}$	$\Phi_{1251}\ \Phi_{417}$
62435	1104	1103	$\frac{20}{1103}$	$\frac{183}{1103}$	$\frac{361}{1103}$	$\frac{371}{1103}$	$\Phi_{1103}\ \Phi_1^2$
62436	1104	1385	$\frac{4}{277}$	$\frac{1}{5}$	$\frac{91}{277}$	$\frac{93}{277}$	Φ_{1385}
62437	1104	1103	$\frac{8}{1103}$	$\frac{365}{1103}$	$\frac{367}{1103}$	$\frac{369}{1103}$	$\Phi_{1103}\ \Phi_1^2$
62438	1104	1659	$\frac{4}{553}$	$\frac{183}{553}$	$\frac{1}{3}$	$\frac{185}{553}$	$\Phi_{1659}\ \Phi_{237}\ \Phi_{21}$
62439	1104	417	$\frac{1}{139}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{417}^3\ \Phi_{139}^2$
62440	1104	825	$\frac{2}{275}$	$\frac{91}{275}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{825}\ \Phi_{275}^2\ \Phi_{165}\ \Phi_{75}\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
62441	1104	372	$\frac{1}{93}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{372}^4\ \Phi_{186}^4\ \Phi_{124}^4\ \Phi_{62}^4\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
62442	1104	825	$\frac{3}{275}$	$\frac{68}{275}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{825}\ \Phi_{275}^{2}\ \Phi_{165}\ \Phi_{75}\ \Phi_{55}^{2}\ \Phi_{33}\ \Phi_{25}^{2}\ \Phi_{15}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
62443	1104	210	$\frac{1}{70}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^{4}\ \Phi_{105}^{4}\ \Phi_{70}^{8}\ \Phi_{42}^{4}\ \Phi_{35}^{8}\ \Phi_{30}^{4}\ \Phi_{21}^{4}\ \Phi_{15}^{3}\ \Phi_{14}^{8}\ \Phi_{10}^{8}\ \Phi_{7}^{8}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
62444	1104	165	$\frac{1}{55}$	$\frac{9}{55}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}^{5}\ \Phi_{55}^{10}\ \Phi_{33}^{5}\ \Phi_{15}^{5}\ \Phi_{11}^{10}\ \Phi_{5}^{10}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
62445	1104	987	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{987}\ \Phi_{329}^{2}$
62446	1104	429	$\frac{5}{143}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{429}^{2}\ \Phi_{143}^{4}\ \Phi_{39}^{2}\ \Phi_{33}\ \Phi_{13}^{4}\ \Phi_{11}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
62447	1104	75	$\frac{1}{25}$	$\frac{2}{25}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{75}^{11}\ \Phi_{25}^{22}\ \Phi_{15}^{11}\ \Phi_{5}^{22}\ \Phi_{3}^{12}\ \Phi_{1}^{24}$
62448	1104	312	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{312}^{4}\ \Phi_{156}^{4}\ \Phi_{104}^{4}\ \Phi_{78}^{4}\ \Phi_{52}^{4}\ \Phi_{39}^{3}\ \Phi_{26}^{4}\ \Phi_{13}^{2}$
62449	1104	2196	$\frac{2}{183}$	$\frac{1}{4}$	$\frac{181}{549}$	$\frac{1}{3}$	$\Phi_{2196}\ \Phi_{1098}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
62450	1104	237	$\frac{1}{79}$	$\frac{53}{237}$	$\frac{26}{79}$	$\frac{1}{3}$	$\Phi_{237}^{4}\ \Phi_{79}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
62451	1104	2055	$\frac{2}{137}$	$\frac{1}{5}$	$\frac{45}{137}$	$\frac{1}{3}$	$\Phi_{2055}\ \Phi_{15}^{2}$
62452	1104	1659	$\frac{10}{553}$	$\frac{93}{553}$	$\frac{181}{553}$	$\frac{1}{3}$	$\Phi_{1659}\ \Phi_{237}\ \Phi_{21}$
62453	1104	273	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{89}{273}$	$\frac{1}{3}$	$\Phi_{273}^{3}\ \Phi_{91}^{6}\ \Phi_{39}^{3}\ \Phi_{21}^{4}\ \Phi_{13}^{6}\ \Phi_{7}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
62454	1104	306	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{11}{34}$	$\frac{1}{3}$	$\Phi_{306}^{4}\ \Phi_{153}^{4}\ \Phi_{102}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{4}\ \Phi_{18}^{4}\ \Phi_{17}^{4}\ \Phi_{9}^{6}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
62455	1104	1659	$\frac{22}{553}$	$\frac{47}{553}$	$\frac{177}{553}$	$\frac{1}{3}$	$\Phi_{1659}\ \Phi_{237}\ \Phi_{21}$
62456	1104	1755	$\frac{2}{45}$	$\frac{1}{13}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{1755}\ \Phi_{351}\ \Phi_{39}$
62457	1104	552	$\frac{1}{24}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{552}^{2}\ \Phi_{276}^{2}\ \Phi_{184}^{2}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{69}\ \Phi_{46}^{2}\ \Phi_{24}^{4}\ \Phi_{23}^{2}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
62458	1104	825	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{825}\ \Phi_{275}^{2}\ \Phi_{165}\ \Phi_{75}^{2}\ \Phi_{55}^{2}\ \Phi_{25}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}$
62459	1104	1659	$\frac{17}{553}$	$\frac{67}{553}$	$\frac{162}{553}$	$\frac{1}{3}$	$\Phi_{1659}\ \Phi_{237}\ \Phi_{21}$
62460	1104	189	$\frac{5}{189}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{189}^{6}\ \Phi_{63}^{6}\ \Phi_{27}^{6}\ \Phi_{21}^{4}\ \Phi_{9}^{6}\ \Phi_{7}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
62461	1104	1551	$\frac{1}{47}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{1551}\ \Phi_{141}^{2}$
62462	1104	1659	$\frac{9}{553}$	$\frac{136}{553}$	$\frac{139}{553}$	$\frac{1}{3}$	$\Phi_{1659}\ \Phi_{237}\ \Phi_{21}$
62463	1104	732	$\frac{1}{61}$	$\frac{15}{61}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{732}^{3}\ \Phi_{366}^{3}\ \Phi_{12}^{4}\ \Phi_{6}^{4}$
62464	1104	2820	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2820}\ \Phi_{1410}$
62465	1104	732	$\frac{7}{183}$	$\frac{22}{183}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{732}^{2}\ \Phi_{366}^{2}\ \Phi_{244}^{2}\ \Phi_{122}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
62466	1104	72	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{72}^{18}\ \Phi_{36}^{16}\ \Phi_{24}^{12}\ \Phi_{18}^{16}\ \Phi_{12}^{11}\ \Phi_{9}^{18}\ \Phi_{8}^{12}\ \Phi_{6}^{11}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
62467	1104	273	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{22}{91}$	$\frac{1}{3}$	$\Phi_{273}^{6}\ \Phi_{39}^{6}\ \Phi_{21}^{7}\ \Phi_{3}^{6}$
62468	1104	237	$\frac{3}{79}$	$\frac{10}{79}$	$\frac{19}{79}$	$\frac{1}{3}$	$\Phi_{237}^{7}\ \Phi_{3}^{6}$
62469	1104	390	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{390}^{4}\ \Phi_{195}^{2}\ \Phi_{130}^{4}\ \Phi_{78}^{4}\ \Phi_{65}^{2}\ \Phi_{39}^{3}\ \Phi_{26}^{4}\ \Phi_{13}^{2}$
62470	1104	1287	$\frac{7}{99}$	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{39}$
62471	1104	552	$\frac{1}{24}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{552}^{2}\ \Phi_{276}^{2}\ \Phi_{184}^{2}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{69}\ \Phi_{46}^{2}\ \Phi_{24}^{4}\ \Phi_{23}^{2}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
62472	1104	1659	$\frac{19}{553}$	$\frac{89}{553}$	$\frac{116}{553}$	$\frac{1}{3}$	$\Phi_{1659}\ \Phi_{237}\ \Phi_{21}$
62473	1104	2055	$\frac{5}{137}$	$\frac{22}{137}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2055}\ \Phi_{15}^{2}$
62474	1104	840	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{105}\ \Phi_{70}^{2}\ \Phi_{35}^{2}$
62475	1104	975	$\frac{1}{13}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{975}^{2}\ \Phi_{195}\ \Phi_{39}^{2}$
62476	1104	765	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{16}{85}$	$\frac{1}{3}$	$\Phi_{765}^{2}\ \Phi_{255}\ \Phi_{85}^{2}\ \Phi_{45}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
62477	1104	351	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{351}^{4}\ \Phi_{117}^{2}\ \Phi_{39}^{3}\ \Phi_{13}^{2}$
62478	1104	147	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{147}^{12}\ \Phi_{21}^{7}\ \Phi_{3}^{6}$
62479	1104	1911	$\frac{6}{91}$	$\frac{85}{637}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1911}\ \Phi_{147}\ \Phi_{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
62480	1104	546	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{546}^4\ \Phi_{273}^3\ \Phi_{42}^4\ \Phi_{21}^4$
62481	1104	1365	$\frac{1}{13}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{91}\ \Phi_{39}$
62482	1104	237	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{10}{79}$	$\frac{1}{3}$	$\Phi_{237}^7\ \Phi_3^6$
62483	1104	170	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{11}{34}$	$\Phi_{170}^6\ \Phi_{85}^6\ \Phi_{34}^8\ \Phi_{17}^8\ \Phi_{10}^6\ \Phi_5^9\ \Phi_2^8\ \Phi_1^{12}$
62484	1104	1103	$\frac{38}{1103}$	$\frac{187}{1103}$	$\frac{229}{1103}$	$\frac{355}{1103}$	$\Phi_{1103}\ \Phi_1^2$
62485	1104	1385	$\frac{10}{277}$	$\frac{47}{277}$	$\frac{1}{5}$	$\frac{89}{277}$	Φ_{1385}
62486	1104	1551	$\frac{2}{47}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{15}{47}$	$\Phi_{1551}\ \Phi_{141}\ \Phi_{47}\ \Phi_{33}^2\ \Phi_3^2\ \Phi_1^2$
62487	1104	540	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{43}{135}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{108}^4\ \Phi_{54}^4\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
62488	1104	945	$\frac{2}{45}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{43}{135}$	$\Phi_{945}^2\ \Phi_{189}^2\ \Phi_{35}$
62489	1104	690	$\frac{1}{15}$	$\frac{2}{23}$	$\frac{7}{30}$	$\frac{7}{23}$	$\Phi_{690}^2\ \Phi_{345}\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{115}\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{30}^4\ \Phi_{23}^2\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
62490	1104	575	$\frac{2}{25}$	$\frac{2}{23}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{575}^2\ \Phi_{115}\ \Phi_{25}^4\ \Phi_{23}^2\ \Phi_5^2\ \Phi_1^4$
62491	1104	621	$\frac{2}{23}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{7}{23}$	$\Phi_{621}^2\ \Phi_{207}\ \Phi_{69}\ \Phi_{27}^4\ \Phi_{23}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
62492	1104	2244	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{34}$
62493	1104	1551	$\frac{3}{47}$	$\frac{1}{11}$	$\frac{11}{47}$	$\frac{10}{33}$	$\Phi_{1551}\ \Phi_{141}\ \Phi_{47}\ \Phi_{33}^2\ \Phi_3^2\ \Phi_1^2$
62494	1104	2145	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{2145}\ \Phi_{195}\ \Phi_{65}$
62495	1104	1551	$\frac{1}{11}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{10}{33}$	$\Phi_{1551}\ \Phi_{141}\ \Phi_{47}\ \Phi_{33}^2\ \Phi_3^2\ \Phi_1^2$
62496	1104	693	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{10}{33}$	$\Phi_{693}^2\ \Phi_{231}\ \Phi_{77}^2\ \Phi_{63}^3\ \Phi_{21}^2\ \Phi_7^2$
62497	1104	510	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{510}^3\ \Phi_{255}^3\ \Phi_{170}\ \Phi_{102}^3\ \Phi_{85}\ \Phi_{51}^3\ \Phi_{34}$
62498	1104	168	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{168}^7\ \Phi_{84}^7\ \Phi_{56}^7\ \Phi_{42}^7\ \Phi_{28}^7\ \Phi_{24}^6\ \Phi_{21}^4\ \Phi_{14}^7\ \Phi_{12}^6\ \Phi_8^6\ \Phi_7^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
62499	1104	476	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{476}^3\ \Phi_{238}^3\ \Phi_{119}\ \Phi_{68}^3\ \Phi_{34}^3$
62500	1104	1001	$\frac{3}{91}$	$\frac{2}{11}$	$\frac{22}{91}$	$\frac{3}{11}$	$\Phi_{1001}\ \Phi_{143}\ \Phi_{91}^2\ \Phi_{77}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
62501	1104	1320	$\frac{1}{24}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{120}^2\ \Phi_{110}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2$
62502	1104	539	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{539}^2\ \Phi_{77}\ \Phi_{49}^4\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
62503	1104	286	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{286}^4\ \Phi_{143}^3\ \Phi_{26}^8\ \Phi_{22}^4\ \Phi_{13}^6\ \Phi_{11}^4\ \Phi_2^8\ \Phi_1^8$
62504	1104	1103	$\frac{35}{1103}$	$\frac{209}{1103}$	$\frac{267}{1103}$	$\frac{298}{1103}$	$\Phi_{1103}\ \Phi_1^2$
62505	1104	1365	$\frac{11}{195}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{91}\ \Phi_{35}$
62506	1104	1176	$\frac{1}{24}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{168}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
62507	1104	403	$\frac{1}{13}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{403}^3\ \Phi_{13}^2$
62508	1104	1103	$\frac{39}{1103}$	$\frac{206}{1103}$	$\frac{266}{1103}$	$\frac{279}{1103}$	$\Phi_{1103}\ \Phi_1^2$
62509	1104	1385	$\frac{9}{277}$	$\frac{1}{5}$	$\frac{67}{277}$	$\frac{70}{277}$	Φ_{1385}
62510	1104	492	$\frac{1}{41}$	$\frac{10}{41}$	$\frac{1}{4}$	$\frac{31}{123}$	$\Phi_{492}^4\ \Phi_{246}^4\ \Phi_{164}\ \Phi_{82}\ \Phi_{12}^4\ \Phi_6^4$
62511	1104	1820	$\frac{3}{91}$	$\frac{1}{5}$	$\frac{22}{91}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{260}\ \Phi_{140}\ \Phi_{130}\ \Phi_{70}\ \Phi_{20}^2\ \Phi_{10}^2$
62512	1104	1476	$\frac{13}{369}$	$\frac{70}{369}$	$\frac{89}{369}$	$\frac{1}{4}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{492}\ \Phi_{246}\ \Phi_{164}\ \Phi_{82}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
62513	1104	180	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{7}{30}$	$\frac{1}{4}$	$\Phi_{180}^9\ \Phi_{90}^3\ \Phi_{60}^6\ \Phi_{45}^6\ \Phi_{36}^{10}\ \Phi_{30}^2\ \Phi_{20}^6\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^7\ \Phi_{10}^2\ \Phi_9^6\ \Phi_6^3\ \Phi_5^4\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
62514	1104	396	$\frac{7}{99}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{36}\ \Phi_{22}^4\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
62515	1104	120	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{120}^9\ \Phi_{60}^9\ \Phi_{40}^9\ \Phi_{30}^9\ \Phi_{24}^{12}\ \Phi_{20}^6\ \Phi_{15}^9\ \Phi_{12}^{12}\ \Phi_{10}^6\ \Phi_8^{12}\ \Phi_6^{12}\ \Phi_5^9\ \Phi_4^8\ \Phi_3^{12}\ \Phi_2^8\ \Phi_1^{12}$
62516	1104	980	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{140}\ \Phi_{70}\ \Phi_{20}^2\ \Phi_{10}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
62517	1104	260	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{260}^{7}\ \Phi_{130}^{3}\ \Phi_{65}^{4}\ \Phi_{20}^{8}\ \Phi_{10}^{4}\ \Phi_{5}^{4}$
62518	1104	900	$\frac{2}{25}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}^{2}\ \Phi_{180}\ \Phi_{150}^{2}\ \Phi_{90}\ \Phi_{60}\ \Phi_{36}^{2}\ \Phi_{30}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
62519	1104	900	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{225}$	$\frac{1}{4}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}^{2}\ \Phi_{150}^{2}\ \Phi_{100}^{2}\ \Phi_{50}^{2}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
62520	1104	1620	$\frac{37}{405}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{324}\ \Phi_{270}\ \Phi_{162}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
62521	1104	108	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{4}$	$\Phi_{108}^{16}\ \Phi_{54}^{16}\ \Phi_{36}^{9}\ \Phi_{18}^{9}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}$
62522	1104	690	$\frac{1}{15}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{7}{30}$	$\Phi_{690}^{2}\ \Phi_{345}\ \Phi_{230}^{2}\ \Phi_{138}^{2}\ \Phi_{115}\ \Phi_{69}\ \Phi_{46}^{2}\ \Phi_{30}^{4}\ \Phi_{23}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
62523	1104	210	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{7}{30}$	$\Phi_{210}^{8}\ \Phi_{105}^{4}\ \Phi_{70}^{8}\ \Phi_{42}^{8}\ \Phi_{35}^{5}\ \Phi_{21}^{4}\ \Phi_{14}^{8}\ \Phi_{7}^{4}$
62524	1104	575	$\frac{2}{25}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{5}{23}$	$\Phi_{575}^{2}\ \Phi_{115}\ \Phi_{25}^{4}\ \Phi_{23}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
62525	1104	621	$\frac{1}{9}$	$\frac{3}{23}$	$\frac{4}{27}$	$\frac{5}{23}$	$\Phi_{621}^{2}\ \Phi_{207}\ \Phi_{69}\ \Phi_{27}^{4}\ \Phi_{23}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
62526	1104	85	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{85}^{13}\ \Phi_{17}^{12}\ \Phi_{5}^{16}\ \Phi_{1}^{16}$
62527	1104	175	$\frac{2}{25}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{175}^{8}\ \Phi_{35}^{5}\ \Phi_{7}^{4}$
62528	1104	1575	$\frac{4}{45}$	$\frac{1}{7}$	$\frac{41}{225}$	$\frac{1}{5}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{175}\ \Phi_{35}$
62529	1104	945	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{27}$	$\frac{1}{5}$	$\Phi_{945}^{2}\ \Phi_{315}\ \Phi_{105}\ \Phi_{35}^{2}$
62530	1104	105	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{105}^{10}\ \Phi_{35}^{11}\ \Phi_{21}^{10}\ \Phi_{15}^{12}\ \Phi_{7}^{10}\ \Phi_{5}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
62531	1105	440	$\frac{1}{220}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{219}{440}$	$\Phi_{440}\ \Phi_{220}^{4}\ \Phi_{110}^{4}\ \Phi_{88}\ \Phi_{55}^{4}\ \Phi_{44}^{4}\ \Phi_{40}\ \Phi_{22}^{4}\ \Phi_{20}^{4}\ \Phi_{11}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
62532	1105	1476	$\frac{2}{369}$	$\frac{371}{1476}$	$\frac{1}{3}$	$\frac{367}{738}$	$\Phi_{1476}\ \Phi_{492}\ \Phi_{369}\ \Phi_{164}\ \Phi_{123}\ \Phi_{41}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
62533	1105	2196	$\frac{7}{1098}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1091}{2196}$	$\Phi_{2196}\ \Phi_{732}\ \Phi_{244}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
62534	1105	438	$\frac{2}{219}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{217}{438}$	$\Phi_{438}^{2}\ \Phi_{219}^{3}\ \Phi_{146}^{2}\ \Phi_{73}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
62535	1105	168	$\frac{1}{84}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{83}{168}$	$\Phi_{168}\ \Phi_{84}^{12}\ \Phi_{56}\ \Phi_{42}^{12}\ \Phi_{28}^{12}\ \Phi_{24}^{2}\ \Phi_{21}^{12}\ \Phi_{14}^{12}\ \Phi_{12}^{12}\ \Phi_{8}^{2}\ \Phi_{7}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
62536	1105	840	$\frac{1}{84}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{83}{168}$	$\Phi_{840}^{3}\ \Phi_{280}^{3}\ \Phi_{168}\ \Phi_{120}^{3}\ \Phi_{56}\ \Phi_{40}^{3}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
62537	1105	504	$\frac{1}{84}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{83}{168}$	$\Phi_{504}^{6}\ \Phi_{168}\ \Phi_{72}^{6}\ \Phi_{56}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
62538	1105	336	$\frac{1}{84}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{83}{168}$	$\Phi_{336}^{4}\ \Phi_{168}\ \Phi_{112}^{4}\ \Phi_{84}^{4}\ \Phi_{56}\ \Phi_{48}^{4}\ \Phi_{42}^{4}\ \Phi_{28}^{4}\ \Phi_{24}\ \Phi_{21}^{4}\ \Phi_{16}^{5}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
62539	1105	888	$\frac{1}{74}$	$\frac{1}{6}$	$\frac{75}{296}$	$\frac{73}{148}$	$\Phi_{888}^{2}\ \Phi_{296}\ \Phi_{222}^{2}\ \Phi_{111}^{2}\ \Phi_{74}\ \Phi_{37}\ \Phi_{24}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
62540	1105	128	$\frac{1}{64}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{63}{128}$	$\Phi_{128}^{17}\ \Phi_{32}\ \Phi_{1}$
62541	1105	384	$\frac{1}{64}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{63}{128}$	$\Phi_{384}^{8}\ \Phi_{128}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
62542	1105	640	$\frac{1}{64}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{63}{128}$	$\Phi_{640}^{4}\ \Phi_{128}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
62543	1105	246	$\frac{2}{123}$	$\frac{25}{246}$	$\frac{1}{3}$	$\frac{121}{246}$	$\Phi_{246}^{4}\ \Phi_{123}^{5}\ \Phi_{82}^{4}\ \Phi_{41}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
62544	1105	2112	$\frac{1}{48}$	$\frac{49}{1056}$	$\frac{1007}{2112}$	$\frac{47}{96}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
62545	1105	1332	$\frac{5}{222}$	$\frac{1}{6}$	$\frac{227}{1332}$	$\frac{217}{444}$	$\Phi_{1332}\ \Phi_{666}\ \Phi_{333}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
62546	1105	432	$\frac{5}{216}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{211}{432}$	$\Phi_{432}^{5}\ \Phi_{144}^{5}\ \Phi_{48}^{5}\ \Phi_{27}\ \Phi_{16}^{5}\ \Phi_{9}\ \Phi_{1}$
62547	1105	432	$\frac{5}{216}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{211}{432}$	$\Phi_{432}^{5}\ \Phi_{144}^{5}\ \Phi_{48}^{5}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}^{5}\ \Phi_{9}\ \Phi_{1}$
62548	1105	432	$\frac{5}{216}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{211}{432}$	$\Phi_{432}^{5}\ \Phi_{144}^{5}\ \Phi_{48}^{5}\ \Phi_{16}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
62549	1105	1488	$\frac{11}{372}$	$\frac{1}{12}$	$\frac{383}{1488}$	$\frac{361}{744}$	$\Phi_{1488}\ \Phi_{496}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{48}\ \Phi_{31}\ \Phi_{16}\ \Phi_{1}$
62550	1105	126	$\frac{2}{63}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{126}^{8}\ \Phi_{63}^{9}\ \Phi_{42}^{8}\ \Phi_{21}^{9}\ \Phi_{18}^{10}\ \Phi_{14}^{8}\ \Phi_{9}^{11}\ \Phi_{7}^{9}\ \Phi_{6}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
62551	1105	69	$\frac{1}{23}$	$\frac{4}{69}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{69}^{17}\ \Phi_{23}^{14}\ \Phi_{3}^{17}\ \Phi_{1}^{15}$
62552	1105	792	$\frac{1}{22}$	$\frac{1}{18}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{792}^{2}\ \Phi_{264}^{2}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{88}\ \Phi_{72}^{2}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
62553	1105	123	$\frac{4}{123}$	$\frac{7}{123}$	$\frac{1}{3}$	$\frac{58}{123}$	$\Phi_{123}^{9}\ \Phi_{41}^{9}\ \Phi_{3}^{8}\ \Phi_{1}^{9}$
62554	1105	96	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{31}{96}$	$\frac{15}{32}$	$\Phi_{96}^{17}\ \Phi_{48}^{17}\ \Phi_{32}\ \Phi_{24}^{17}\ \Phi_{12}^{17}\ \Phi_{6}^{17}\ \Phi_{3}^{17}\ \Phi_{1}$
62555	1105	1152	$\frac{47}{1152}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
62556	1105	544	$\frac{3}{68}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{544}^{4}\ \Phi_{68}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{1}$
62557	1105	32	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{15}{32}$	$\Phi_{32}^{65}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
62558	1105	672	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{672}^{4}\ \Phi_{224}^{2}\ \Phi_{96}^{2}\ \Phi_{42}^{2}\ \Phi_{32}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
62559	1105	288	$\frac{1}{16}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{15}{32}$	$\Phi_{288}^{8}\ \Phi_{96}^{8}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
62560	1105	1344	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{239}{1344}$	$\frac{209}{448}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
62561	1105	1134	$\frac{29}{1134}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{162}\ \Phi_{126}\ \Phi_{81}\ \Phi_{63}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
62562	1105	696	$\frac{2}{87}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{696}^{3}\ \Phi_{232}^{3}\ \Phi_{87}\ \Phi_{29}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
62563	1105	504	$\frac{1}{42}$	$\frac{1}{12}$	$\frac{41}{126}$	$\frac{11}{24}$	$\Phi_{504}^{6}\ \Phi_{126}\ \Phi_{72}^{6}\ \Phi_{63}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
62564	1105	264	$\frac{3}{88}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{264}^{4}\ \Phi_{132}^{4}\ \Phi_{88}^{5}\ \Phi_{66}^{4}\ \Phi_{44}^{5}\ \Phi_{33}^{4}\ \Phi_{24}\ \Phi_{22}^{5}\ \Phi_{12}^{4}\ \Phi_{11}^{5}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
62565	1105	336	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{27}{112}$	$\frac{11}{24}$	$\Phi_{336}^{4}\ \Phi_{112}^{5}\ \Phi_{84}^{4}\ \Phi_{56}\ \Phi_{48}^{4}\ \Phi_{42}^{4}\ \Phi_{28}^{4}\ \Phi_{24}\ \Phi_{21}^{4}\ \Phi_{16}^{5}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
62566	1105	168	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{4}{21}$	$\frac{11}{24}$	$\Phi_{168}^{12}\ \Phi_{56}^{12}\ \Phi_{24}^{13}\ \Phi_{21}^{4}\ \Phi_{8}^{13}\ \Phi_{7}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
62567	1105	72	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{72}^{30}\ \Phi_{24}^{25}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{25}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
62568	1105	2184	$\frac{6}{91}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{104}\ \Phi_{91}\ \Phi_{24}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
62569	1105	1176	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{98}$	$\frac{11}{24}$	$\Phi_{1176}^{2}\ \Phi_{392}^{2}\ \Phi_{98}\ \Phi_{49}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
62570	1105	96	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{11}{24}$	$\Phi_{96}^{13}\ \Phi_{48}^{13}\ \Phi_{32}^{13}\ \Phi_{24}^{2}\ \Phi_{16}^{13}\ \Phi_{12}^{12}\ \Phi_{8}^{2}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
62571	1105	256	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{35}{256}$	$\frac{29}{64}$	$\Phi_{256}^{5}\ \Phi_{128}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
62572	1105	2016	$\frac{1}{48}$	$\frac{97}{1008}$	$\frac{47}{144}$	$\frac{911}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
62573	1105	2016	$\frac{1}{16}$	$\frac{97}{1008}$	$\frac{15}{112}$	$\frac{911}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{112}\ \Phi_{96}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
62574	1105	1536	$\frac{1}{48}$	$\frac{47}{384}$	$\frac{431}{1536}$	$\frac{337}{768}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
62575	1105	1968	$\frac{2}{123}$	$\frac{121}{984}$	$\frac{1}{3}$	$\frac{863}{1968}$	$\Phi_{1968}\ \Phi_{656}\ \Phi_{123}\ \Phi_{48}\ \Phi_{41}\ \Phi_{16}\ \Phi_{1}$
62576	1105	330	$\frac{1}{66}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{330}^{3}\ \Phi_{165}^{3}\ \Phi_{110}^{3}\ \Phi_{66}^{5}\ \Phi_{55}^{3}\ \Phi_{33}^{5}\ \Phi_{30}^{2}\ \Phi_{22}^{5}\ \Phi_{15}^{3}\ \Phi_{11}^{5}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
62577	1105	1288	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{183}{1288}$	$\frac{139}{322}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{184}\ \Phi_{161}\ \Phi_{92}\ \Phi_{56}\ \Phi_{28}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
62578	1105	1932	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{139}{966}$	$\frac{827}{1932}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{276}\ \Phi_{161}\ \Phi_{92}\ \Phi_{84}\ \Phi_{28}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
62579	1105	384	$\frac{1}{48}$	$\frac{29}{192}$	$\frac{47}{192}$	$\frac{163}{384}$	$\Phi_{384}^{5}\ \Phi_{192}\ \Phi_{128}^{5}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
62580	1105	384	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{29}{192}$	$\frac{163}{384}$	$\Phi_{384}^{5}\ \Phi_{128}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
62581	1105	264	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{264}^{6}\ \Phi_{88}^{6}\ \Phi_{66}^{5}\ \Phi_{33}^{5}\ \Phi_{24}^{5}\ \Phi_{22}^{5}\ \Phi_{11}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
62582	1105	228	$\frac{7}{228}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{228}^{5}\ \Phi_{114}^{5}\ \Phi_{76}^{5}\ \Phi_{57}^{5}\ \Phi_{38}^{5}\ \Phi_{19}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
62583	1105	72	$\frac{1}{18}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{72}^{17}\ \Phi_{36}^{11}\ \Phi_{24}^{17}\ \Phi_{18}^{16}\ \Phi_{12}^{12}\ \Phi_{9}^{16}\ \Phi_{8}^{17}\ \Phi_{6}^{16}\ \Phi_{4}^{12}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
62584	1105	198	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{198}^{6}\ \Phi_{99}^{6}\ \Phi_{66}^{6}\ \Phi_{33}^{6}\ \Phi_{22}\ \Phi_{18}^{5}\ \Phi_{11}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
62585	1105	1110	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{36}{185}$	$\frac{149}{370}$	$\Phi_{1110}\ \Phi_{555}\ \Phi_{222}^{2}\ \Phi_{185}\ \Phi_{111}^{2}\ \Phi_{74}\ \Phi_{37}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
62586	1105	276	$\frac{1}{46}$	$\frac{9}{46}$	$\frac{55}{276}$	$\frac{37}{92}$	$\Phi_{276}^{5}\ \Phi_{138}^{5}\ \Phi_{69}^{5}\ \Phi_{46}^{4}\ \Phi_{23}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
62587	1105	368	$\frac{1}{46}$	$\frac{9}{46}$	$\frac{37}{184}$	$\frac{147}{368}$	$\Phi_{368}^{5}\ \Phi_{46}^{4}\ \Phi_{23}^{4}\ \Phi_{16}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
62588	1105	1116	$\frac{11}{1116}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1116}\ \Phi_{558}\ \Phi_{372}\ \Phi_{279}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{36}\ \Phi_{31}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
62589	1105	1792	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{209}{896}$	$\frac{687}{1792}$	$\Phi_{1792}\ \Phi_{256}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
62590	1105	1776	$\frac{5}{222}$	$\frac{1}{6}$	$\frac{217}{888}$	$\frac{671}{1776}$	$\Phi_{1776}\ \Phi_{592}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}\ \Phi_{48}\ \Phi_{37}\ \Phi_{16}\ \Phi_{1}$
62591	1105	1320	$\frac{1}{110}$	$\frac{1}{4}$	$\frac{109}{330}$	$\frac{3}{8}$	$\Phi_{1320}^{2}\ \Phi_{330}\ \Phi_{264}^{2}\ \Phi_{165}\ \Phi_{120}^{2}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{15}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
62592	1105	224	$\frac{3}{224}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{224}^{5}\ \Phi_{112}^{5}\ \Phi_{56}^{5}\ \Phi_{32}^{5}\ \Phi_{28}^{5}\ \Phi_{16}^{5}\ \Phi_{14}^{5}\ \Phi_{8}^{2}\ \Phi_{7}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
62593	1105	1800	$\frac{4}{225}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{120}\ \Phi_{75}\ \Phi_{72}\ \Phi_{45}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
62594	1105	2200	$\frac{1}{55}$	$\frac{54}{275}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2200}\ \Phi_{275}\ \Phi_{200}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
62595	1105	264	$\frac{1}{44}$	$\frac{43}{264}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^{5}\ \Phi_{132}^{5}\ \Phi_{88}\ \Phi_{66}^{5}\ \Phi_{44}^{4}\ \Phi_{33}^{5}\ \Phi_{24}^{5}\ \Phi_{22}^{4}\ \Phi_{12}^{5}\ \Phi_{11}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
62596	1105	40	$\frac{1}{40}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{40}^{27}\ \Phi_{20}^{28}\ \Phi_{10}^{28}\ \Phi_{8}^{28}\ \Phi_{5}^{28}\ \Phi_{4}^{28}\ \Phi_{2}^{28}\ \Phi_{1}^{29}$
62597	1105	920	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{920}^{2}\ \Phi_{230}\ \Phi_{184}^{2}\ \Phi_{115}\ \Phi_{46}\ \Phi_{23}\ \Phi_{8}\ \Phi_{1}$
62598	1105	1848	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{77}\ \Phi_{56}\ \Phi_{33}\ \Phi_{24}\ \Phi_{21}\ \Phi_{8}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
62599	1105	968	$\frac{1}{22}$	$\frac{21}{242}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{968}^{2}\ \Phi_{242}\ \Phi_{121}\ \Phi_{8}\ \Phi_{1}$
62600	1105	240	$\frac{1}{20}$	$\frac{19}{240}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{240}^{5}\ \Phi_{120}^{5}\ \Phi_{80}^{5}\ \Phi_{60}^{5}\ \Phi_{48}^{5}\ \Phi_{40}\ \Phi_{30}^{5}\ \Phi_{24}^{5}\ \Phi_{20}^{4}\ \Phi_{16}^{5}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{5}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
62601	1105	440	$\frac{3}{55}$	$\frac{4}{55}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^{4}\ \Phi_{88}^{4}\ \Phi_{55}^{4}\ \Phi_{40}^{4}\ \Phi_{11}^{4}\ \Phi_{8}^{5}\ \Phi_{5}^{4}\ \Phi_{1}^{5}$
62602	1105	504	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^{4}\ \Phi_{168}^{4}\ \Phi_{126}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
62603	1105	1728	$\frac{1}{48}$	$\frac{47}{288}$	$\frac{241}{864}$	$\frac{623}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
62604	1105	1152	$\frac{47}{1152}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
62605	1105	1656	$\frac{1}{138}$	$\frac{137}{414}$	$\frac{551}{1656}$	$\frac{277}{828}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{414}\ \Phi_{207}\ \Phi_{184}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
62606	1105	435	$\frac{2}{87}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{435}^{3}\ \Phi_{145}^{3}\ \Phi_{87}\ \Phi_{29}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
62607	1105	1647	$\frac{7}{549}$	$\frac{2}{9}$	$\frac{542}{1647}$	$\frac{1}{3}$	$\Phi_{1647}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
62608	1105	630	$\frac{1}{42}$	$\frac{2}{15}$	$\frac{41}{126}$	$\frac{1}{3}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{126}\ \Phi_{90}^{3}\ \Phi_{63}\ \Phi_{45}^{3}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
62609	1105	324	$\frac{5}{108}$	$\frac{2}{27}$	$\frac{103}{324}$	$\frac{1}{3}$	$\Phi_{324}^{5}\ \Phi_{162}^{5}\ \Phi_{81}^{5}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
62610	1105	123	$\frac{2}{41}$	$\frac{3}{41}$	$\frac{38}{123}$	$\frac{1}{3}$	$\Phi_{123}^{7}\ \Phi_{41}^{13}\ \Phi_{3}^{6}\ \Phi_{1}^{13}$
62611	1105	522	$\frac{2}{87}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{522}^{3}\ \Phi_{261}^{3}\ \Phi_{87}\ \Phi_{29}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
62612	1105	1476	$\frac{2}{123}$	$\frac{121}{492}$	$\frac{371}{1476}$	$\frac{1}{3}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{369}\ \Phi_{123}\ \Phi_{41}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
62613	1105	1392	$\frac{2}{87}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{232}\ \Phi_{87}\ \Phi_{29}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
62614	1105	1320	$\frac{3}{88}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
62615	1105	1680	$\frac{1}{28}$	$\frac{2}{15}$	$\frac{27}{112}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{280}\ \Phi_{240}\ \Phi_{120}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{40}\ \Phi_{16}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
62616	1105	1188	$\frac{83}{1188}$	$\frac{2}{27}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
62617	1105	252	$\frac{1}{18}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{252}^{6}\ \Phi_{126}^{3}\ \Phi_{84}^{5}\ \Phi_{63}^{3}\ \Phi_{42}^{2}\ \Phi_{36}^{6}\ \Phi_{28}^{5}\ \Phi_{21}^{3}\ \Phi_{18}^{5}\ \Phi_{14}^{2}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
62618	1105	72	$\frac{1}{18}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{72}^{17}\ \Phi_{36}^{17}\ \Phi_{24}^{17}\ \Phi_{18}^{10}\ \Phi_{12}^{17}\ \Phi_{9}^{11}\ \Phi_{8}^{17}\ \Phi_{6}^{10}\ \Phi_{4}^{17}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
62619	1105	105	$\frac{1}{21}$	$\frac{2}{15}$	$\frac{4}{21}$	$\frac{1}{3}$	$\Phi_{105}^{12}\ \Phi_{35}^{12}\ \Phi_{21}^{4}\ \Phi_{15}^{13}\ \Phi_{7}^{4}\ \Phi_{5}^{13}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
62620	1105	243	$\frac{2}{27}$	$\frac{22}{243}$	$\frac{5}{27}$	$\frac{1}{3}$	$\Phi_{243}^{5}\ \Phi_{81}^{5}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
62621	1105	270	$\frac{2}{27}$	$\frac{5}{54}$	$\frac{49}{270}$	$\frac{1}{3}$	$\Phi_{270}^{5}\ \Phi_{135}^{5}\ \Phi_{90}^{5}\ \Phi_{45}^{5}\ \Phi_{30}^{5}\ \Phi_{27}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{9}\ \Phi_{5}^{5}\ \Phi_{1}$
62622	1105	90	$\frac{1}{18}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{90}^{15}\ \Phi_{45}^{15}\ \Phi_{30}^{12}\ \Phi_{18}^{5}\ \Phi_{15}^{13}\ \Phi_{10}^{12}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{13}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
62623	1105	1296	$\frac{2}{27}$	$\frac{25}{216}$	$\frac{191}{1296}$	$\frac{1}{3}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
62624	1105	1365	$\frac{6}{91}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{195}\ \Phi_{91}\ \Phi_{65}\ \Phi_{15}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}$
62625	1105	1470	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{245}\ \Phi_{98}\ \Phi_{49}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
62626	1105	480	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{3}\ \Phi_{120}^{3}\ \Phi_{96}\ \Phi_{80}^{3}\ \Phi_{48}\ \Phi_{40}^{3}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
62627	1105	126	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{41}{126}$	$\Phi_{126}^{7}\ \Phi_{63}^{7}\ \Phi_{42}^{12}\ \Phi_{21}^{12}\ \Phi_{18}^{8}\ \Phi_{14}^{12}\ \Phi_{9}^{8}\ \Phi_{7}^{12}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
62628	1105	1008	$\frac{1}{42}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{41}{126}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{144}^{2}\ \Phi_{126}\ \Phi_{72}^{2}\ \Phi_{63}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
62629	1105	96	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{31}{96}$	$\Phi_{96}^{9}\ \Phi_{48}^{9}\ \Phi_{32}^{16}\ \Phi_{24}^{10}\ \Phi_{16}^{16}\ \Phi_{12}^{10}\ \Phi_{8}^{16}\ \Phi_{6}^{10}\ \Phi_{4}^{16}\ \Phi_{3}^{10}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
62630	1105	480	$\frac{1}{32}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{31}{96}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{120}^{4}\ \Phi_{96}\ \Phi_{60}^{4}\ \Phi_{48}\ \Phi_{30}^{4}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}^{4}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
62631	1105	324	$\frac{5}{108}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{103}{324}$	$\Phi_{324}^{5}\ \Phi_{162}^{5}\ \Phi_{81}^{5}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
62632	1105	324	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{103}{324}$	$\Phi_{324}^{5}\ \Phi_{162}^{5}\ \Phi_{81}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
62633	1105	96	$\frac{1}{16}$	$\frac{11}{96}$	$\frac{3}{16}$	$\frac{5}{16}$	$\Phi_{96}^{13}\ \Phi_{48}^{13}\ \Phi_{32}^{13}\ \Phi_{24}^{13}\ \Phi_{16}^{4}\ \Phi_{12}^{13}\ \Phi_{8}^{4}\ \Phi_{6}^{13}\ \Phi_{4}^{4}\ \Phi_{3}^{13}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
62634	1105	288	$\frac{5}{72}$	$\frac{1}{12}$	$\frac{67}{288}$	$\frac{11}{36}$	$\Phi_{288}^{5}\ \Phi_{144}^{5}\ \Phi_{96}^{5}\ \Phi_{48}^{5}\ \Phi_{36}\ \Phi_{32}^{5}\ \Phi_{18}\ \Phi_{16}^{5}\ \Phi_{9}\ \Phi_{1}$
62635	1105	1188	$\frac{83}{1188}$	$\frac{1}{12}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
62636	1105	1296	$\frac{1}{12}$	$\frac{25}{216}$	$\frac{191}{1296}$	$\frac{11}{36}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
62637	1105	252	$\frac{1}{12}$	$\frac{31}{252}$	$\frac{5}{36}$	$\frac{11}{36}$	$\Phi_{252}^{5}\ \Phi_{126}^{5}\ \Phi_{84}^{5}\ \Phi_{63}^{5}\ \Phi_{42}^{5}\ \Phi_{36}\ \Phi_{28}^{5}\ \Phi_{21}^{5}\ \Phi_{18}\ \Phi_{14}^{5}\ \Phi_{9}\ \Phi_{7}^{5}\ \Phi_{1}$
62638	1105	288	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{67}{288}$	$\frac{29}{96}$	$\Phi_{288}^{5}\ \Phi_{144}^{5}\ \Phi_{72}^{5}\ \Phi_{36}^{5}\ \Phi_{32}^{5}\ \Phi_{18}^{5}\ \Phi_{16}^{4}\ \Phi_{9}^{5}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
62639	1105	408	$\frac{3}{68}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{408}^{4}\ \Phi_{204}^{4}\ \Phi_{102}^{4}\ \Phi_{68}\ \Phi_{51}^{4}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
62640	1105	96	$\frac{5}{96}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{7}{24}$	$\Phi_{96}^{11}\ \Phi_{48}^{11}\ \Phi_{32}^{12}\ \Phi_{24}^{12}\ \Phi_{16}^{12}\ \Phi_{12}^{12}\ \Phi_{8}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
62641	1105	48	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{24}$	$\Phi_{48}^{32}\ \Phi_{24}^{33}\ \Phi_{16}^{4}\ \Phi_{12}^{33}\ \Phi_{8}^{4}\ \Phi_{6}^{33}\ \Phi_{4}^{4}\ \Phi_{3}^{33}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
62642	1105	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{168}^{6}\ \Phi_{84}^{6}\ \Phi_{56}^{8}\ \Phi_{42}^{8}\ \Phi_{28}^{8}\ \Phi_{24}^{3}\ \Phi_{21}^{8}\ \Phi_{14}^{9}\ \Phi_{12}^{3}\ \Phi_{8}^{4}\ \Phi_{7}^{9}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
62643	1105	72	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{72}^{17}\ \Phi_{36}^{17}\ \Phi_{24}^{10}\ \Phi_{18}^{17}\ \Phi_{12}^{10}\ \Phi_{9}^{17}\ \Phi_{8}^{16}\ \Phi_{6}^{10}\ \Phi_{4}^{16}\ \Phi_{3}^{10}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
62644	1105	1344	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{239}{1344}$	$\frac{97}{336}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{112}\ \Phi_{96}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
62645	1105	1449	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{344}{1449}$	$\frac{139}{483}$	$\Phi_{1449}\ \Phi_{207}\ \Phi_{161}\ \Phi_{63}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
62646	1105	792	$\frac{3}{88}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{88}\ \Phi_{72}^{2}\ \Phi_{44}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
62647	1105	1008	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{27}{112}$	$\frac{5}{18}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{144}^{2}\ \Phi_{112}\ \Phi_{72}^{2}\ \Phi_{56}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
62648	1105	126	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{4}{21}$	$\frac{5}{18}$	$\Phi_{126}^{12}\ \Phi_{63}^{12}\ \Phi_{21}^{4}\ \Phi_{18}^{13}\ \Phi_{9}^{13}\ \Phi_{7}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
62649	1105	18	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{18}^{60}\ \Phi_{9}^{60}\ \Phi_{6}^{64}\ \Phi_{3}^{64}\ \Phi_{2}^{64}\ \Phi_{1}^{65}$
62650	1105	1638	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{234}\ \Phi_{117}\ \Phi_{91}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
62651	1105	882	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{882}^{2}\ \Phi_{441}^{2}\ \Phi_{98}\ \Phi_{49}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
62652	1105	288	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{288}^{6}\ \Phi_{144}^{6}\ \Phi_{96}\ \Phi_{72}^{6}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
62653	1105	176	$\frac{3}{88}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{176}^{8}\ \Phi_{88}^{5}\ \Phi_{44}^{5}\ \Phi_{22}^{5}\ \Phi_{16}^{5}\ \Phi_{11}^{5}\ \Phi_{8}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
62654	1105	340	$\frac{3}{68}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{340}^{4}\ \Phi_{170}^{4}\ \Phi_{85}^{4}\ \Phi_{68}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
62655	1105	112	$\frac{1}{28}$	$\frac{3}{16}$	$\frac{27}{112}$	$\frac{1}{4}$	$\Phi_{112}^{9}\ \Phi_{56}^{9}\ \Phi_{28}^{12}\ \Phi_{16}^{10}\ \Phi_{14}^{12}\ \Phi_{8}^{10}\ \Phi_{7}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
62656	1105	336	$\frac{1}{21}$	$\frac{3}{16}$	$\frac{4}{21}$	$\frac{1}{4}$	$\Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{112}^{4}\ \Phi_{56}^{4}\ \Phi_{48}^{4}\ \Phi_{24}^{4}\ \Phi_{21}^{4}\ \Phi_{16}^{5}\ \Phi_{8}^{5}\ \Phi_{7}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
62657	1105	144	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{144}^{10}\ \Phi_{72}^{10}\ \Phi_{48}^{8}\ \Phi_{24}^{8}\ \Phi_{18}^{5}\ \Phi_{16}^{9}\ \Phi_{9}^{5}\ \Phi_{8}^{9}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
62658	1105	80	$\frac{1}{16}$	$\frac{3}{20}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{80}^{16}\ \Phi_{40}^{16}\ \Phi_{20}^{17}\ \Phi_{16}^{4}\ \Phi_{10}^{17}\ \Phi_{8}^{4}\ \Phi_{5}^{17}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
62659	1105	1456	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{208}\ \Phi_{104}\ \Phi_{91}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
62660	1105	784	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{784}^2\ \Phi_{392}^2\ \Phi_{98}\ \Phi_{49}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
62661	1105	96	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{96}^{13}\ \Phi_{48}^{9}\ \Phi_{32}^{13}\ \Phi_{24}^{9}\ \Phi_{16}^{10}\ \Phi_{12}^{12}\ \Phi_{8}^{10}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
62662	1105	112	$\frac{5}{56}$	$\frac{3}{28}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{112}^{12}\ \Phi_{56}^{7}\ \Phi_{28}^{8}\ \Phi_{16}^{13}\ \Phi_{14}^{8}\ \Phi_{8}^{8}\ \Phi_{7}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
62663	1105	420	$\frac{1}{14}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^2\ \Phi_{105}^4\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
62664	1105	360	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{36}\ \Phi_{30}^4\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}^4\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
62665	1105	288	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{67}{288}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^5\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{16}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
62666	1105	240	$\frac{19}{240}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{60}^5\ \Phi_{48}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{16}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
62667	1105	270	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{49}{270}$	$\Phi_{270}^5\ \Phi_{135}^5\ \Phi_{90}^5\ \Phi_{45}^5\ \Phi_{30}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
62668	1105	252	$\frac{31}{252}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{252}^5\ \Phi_{126}^5\ \Phi_{84}^5\ \Phi_{63}^5\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{7}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
62669	1106	884	$\frac{1}{221}$	$\frac{111}{442}$	$\frac{331}{884}$	$\frac{110}{221}$	$\Phi_{884}^2\ \Phi_{221}\ \Phi_{68}^2\ \Phi_{52}^2\ \Phi_{17}\ \Phi_{13}\ \Phi_{4}^2\ \Phi_{1}^2$
62670	1106	1100	$\frac{3}{550}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{547}{1100}$	$\Phi_{1100}^2\ \Phi_{220}^2\ \Phi_{100}^2\ \Phi_{44}^2\ \Phi_{20}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
62671	1106	1884	$\frac{1}{157}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{78}{157}$	$\Phi_{1884}\ \Phi_{628}\ \Phi_{157}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
62672	1106	1413	$\frac{1}{157}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{78}{157}$	$\Phi_{1413}\ \Phi_{157}\ \Phi_{9}^2\ \Phi_{1}^2$
62673	1106	1095	$\frac{11}{1095}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{542}{1095}$	$\Phi_{1095}\ \Phi_{365}\ \Phi_{219}\ \Phi_{73}\ \Phi_{15}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
62674	1106	740	$\frac{2}{185}$	$\frac{1}{5}$	$\frac{187}{740}$	$\frac{183}{370}$	$\Phi_{740}^2\ \Phi_{185}^2\ \Phi_{148}^2\ \Phi_{37}^2\ \Phi_{20}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
62675	1106	1020	$\frac{1}{85}$	$\frac{43}{510}$	$\frac{467}{1020}$	$\frac{42}{85}$	$\Phi_{1020}^2\ \Phi_{340}^2\ \Phi_{204}^2\ \Phi_{85}\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
62676	1106	765	$\frac{1}{85}$	$\frac{43}{255}$	$\frac{212}{765}$	$\frac{42}{85}$	$\Phi_{765}^2\ \Phi_{153}^2\ \Phi_{85}\ \Phi_{45}^2\ \Phi_{17}\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{1}^2$
62677	1106	680	$\frac{1}{85}$	$\frac{127}{680}$	$\frac{43}{170}$	$\frac{42}{85}$	$\Phi_{680}^2\ \Phi_{340}^2\ \Phi_{136}^2\ \Phi_{85}\ \Phi_{68}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
62678	1106	156	$\frac{1}{78}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{77}{156}$	$\Phi_{156}^{14}\ \Phi_{52}^{14}\ \Phi_{13}\ \Phi_{12}^{14}\ \Phi_{4}^{14}\ \Phi_{1}^2$
62679	1106	312	$\frac{1}{78}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{77}{156}$	$\Phi_{312}^4\ \Phi_{156}^2\ \Phi_{104}^4\ \Phi_{78}^4\ \Phi_{52}^2\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{24}^5\ \Phi_{13}^4\ \Phi_{12}^3\ \Phi_{8}^4\ \Phi_{6}^5\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
62680	1106	1040	$\frac{1}{65}$	$\frac{33}{520}$	$\frac{487}{1040}$	$\frac{32}{65}$	$\Phi_{1040}^2\ \Phi_{208}^2\ \Phi_{80}^2\ \Phi_{65}\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}^2$
62681	1106	780	$\frac{1}{65}$	$\frac{33}{260}$	$\frac{227}{780}$	$\frac{32}{65}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
62682	1106	650	$\frac{1}{65}$	$\frac{97}{650}$	$\frac{33}{130}$	$\frac{32}{65}$	$\Phi_{650}^2\ \Phi_{325}^2\ \Phi_{65}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}^2$
62683	1106	1088	$\frac{9}{544}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{535}{1088}$	$\Phi_{1088}^2\ \Phi_{64}^2\ \Phi_{17}\ \Phi_{1}^2$
62684	1106	424	$\frac{1}{53}$	$\frac{1}{8}$	$\frac{27}{106}$	$\frac{26}{53}$	$\Phi_{424}^3\ \Phi_{212}^3\ \Phi_{106}\ \Phi_{53}^2\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{1}^2$
62685	1106	1080	$\frac{13}{540}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{527}{1080}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
62686	1106	153	$\frac{5}{153}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{74}{153}$	$\Phi_{153}^7\ \Phi_{51}^8\ \Phi_{17}^7\ \Phi_{9}^7\ \Phi_{3}^8\ \Phi_{1}^8$
62687	1106	153	$\frac{5}{153}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{74}{153}$	$\Phi_{153}^7\ \Phi_{51}^7\ \Phi_{17}^9\ \Phi_{9}^7\ \Phi_{3}^7\ \Phi_{1}^{10}$
62688	1106	2280	$\frac{3}{76}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
62689	1106	748	$\frac{8}{187}$	$\frac{1}{17}$	$\frac{195}{748}$	$\frac{179}{374}$	$\Phi_{748}^2\ \Phi_{187}^2\ \Phi_{68}^2\ \Phi_{44}^2\ \Phi_{17}\ \Phi_{11}^2\ \Phi_{4}^2\ \Phi_{1}^2$
62690	1106	150	$\frac{4}{75}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{150}^{14}\ \Phi_{50}^{14}\ \Phi_{30}^{14}\ \Phi_{15}^4\ \Phi_{10}^{14}\ \Phi_{6}^{14}\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^{14}\ \Phi_{1}^4$
62691	1106	816	$\frac{9}{272}$	$\frac{1}{17}$	$\frac{263}{816}$	$\frac{8}{17}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
62692	1106	578	$\frac{25}{578}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{578}^2\ \Phi_{289}^2\ \Phi_{17}\ \Phi_{1}^2$
62693	1106	680	$\frac{1}{17}$	$\frac{9}{136}$	$\frac{127}{680}$	$\frac{8}{17}$	$\Phi_{680}^2\ \Phi_{340}^2\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{1}^2$
62694	1106	612	$\frac{1}{17}$	$\frac{59}{612}$	$\frac{9}{68}$	$\frac{8}{17}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
62695	1106	480	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{480}^2\ \Phi_{240}^3\ \Phi_{160}^2\ \Phi_{120}^3\ \Phi_{96}\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^2\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
62696	1106	1053	$\frac{2}{81}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1053}\ \Phi_{351}\ \Phi_{117}\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_1^2$
62697	1106	117	$\frac{1}{39}$	$\frac{1}{13}$	$\frac{38}{117}$	$\frac{6}{13}$	$\Phi_{117}^{14}\ \Phi_{13}\ \Phi_9^{14}\ \Phi_1^2$
62698	1106	572	$\frac{19}{572}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{572}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{52}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{13}\ \Phi_{11}^2\ \Phi_4^2\ \Phi_1^2$
62699	1106	104	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{25}{104}$	$\frac{6}{13}$	$\Phi_{104}^{14}\ \Phi_{52}^{14}\ \Phi_{13}\ \Phi_8^{14}\ \Phi_4^{14}\ \Phi_1^2$
62700	1106	585	$\frac{32}{585}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{117}^2\ \Phi_{65}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_5^2\ \Phi_1^2$
62701	1106	1092	$\frac{5}{84}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}^2\ \Phi_{52}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
62702	1106	91	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{6}{13}$	$\Phi_{91}^{14}\ \Phi_{13}\ \Phi_7^{14}\ \Phi_1^2$
62703	1106	624	$\frac{1}{13}$	$\frac{7}{78}$	$\frac{71}{624}$	$\frac{6}{13}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
62704	1106	1020	$\frac{1}{17}$	$\frac{43}{510}$	$\frac{8}{51}$	$\frac{467}{1020}$	$\Phi_{1020}^2\ \Phi_{340}^2\ \Phi_{204}^2\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{51}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
62705	1106	720	$\frac{1}{15}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{144}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{144}^2\ \Phi_{120}\ \Phi_{80}^3\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
62706	1106	420	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{140}$	$\Phi_{420}^5\ \Phi_{140}^4\ \Phi_{84}^5\ \Phi_{60}^5\ \Phi_{30}^5\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
62707	1106	85	$\frac{6}{85}$	$\frac{8}{85}$	$\frac{11}{85}$	$\frac{37}{85}$	$\Phi_{85}^{13}\ \Phi_{17}^{13}\ \Phi_5^{13}\ \Phi_1^{14}$
62708	1106	570	$\frac{17}{570}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{570}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
62709	1106	975	$\frac{1}{65}$	$\frac{131}{975}$	$\frac{64}{195}$	$\frac{422}{975}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{195}^2\ \Phi_{75}\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
62710	1106	85	$\frac{6}{85}$	$\frac{7}{85}$	$\frac{13}{85}$	$\frac{36}{85}$	$\Phi_{85}^{13}\ \Phi_{17}^{13}\ \Phi_5^{13}\ \Phi_1^{14}$
62711	1106	612	$\frac{1}{17}$	$\frac{59}{612}$	$\frac{8}{51}$	$\frac{43}{102}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{153}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
62712	1106	780	$\frac{1}{65}$	$\frac{32}{195}$	$\frac{227}{780}$	$\frac{163}{390}$	$\Phi_{780}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
62713	1106	240	$\frac{1}{80}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^4\ \Phi_{60}^5\ \Phi_{48}^5\ \Phi_{40}^4\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^5\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^5\ \Phi_5^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
62714	1106	935	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{171}{935}$	$\frac{382}{935}$	$\Phi_{935}\ \Phi_{187}^2\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
62715	1106	925	$\frac{4}{185}$	$\frac{181}{925}$	$\frac{1}{5}$	$\frac{372}{925}$	$\Phi_{925}\ \Phi_{185}^2\ \Phi_{37}^2\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
62716	1106	825	$\frac{3}{275}$	$\frac{1}{5}$	$\frac{272}{825}$	$\frac{2}{5}$	$\Phi_{825}^2\ \Phi_{165}^2\ \Phi_{75}^2\ \Phi_{33}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
62717	1106	80	$\frac{1}{80}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{80}^{14}\ \Phi_{40}^{14}\ \Phi_{20}^{14}\ \Phi_{16}^{14}\ \Phi_{10}^{12}\ \Phi_8^{14}\ \Phi_5^{13}\ \Phi_4^{14}\ \Phi_2^{12}\ \Phi_1^{14}$
62718	1106	660	$\frac{3}{110}$	$\frac{107}{660}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
62719	1106	575	$\frac{22}{575}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{575}^2\ \Phi_{115}^2\ \Phi_{23}^2\ \Phi_5\ \Phi_1^2$
62720	1106	605	$\frac{3}{55}$	$\frac{52}{605}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{605}^2\ \Phi_{121}^2\ \Phi_5\ \Phi_1^2$
62721	1106	600	$\frac{3}{50}$	$\frac{47}{600}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
62722	1106	1920	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
62723	1106	120	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{120}^{14}\ \Phi_{60}^5\ \Phi_{40}^{14}\ \Phi_{30}^5\ \Phi_{24}^{14}\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_8^{14}\ \Phi_6^5\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
62724	1106	720	$\frac{1}{80}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
62725	1106	648	$\frac{2}{81}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
62726	1106	936	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{38}{117}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{234}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
62727	1106	312	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{25}{104}$	$\frac{1}{3}$	$\Phi_{312}^5\ \Phi_{156}^5\ \Phi_{78}^6\ \Phi_{39}^6\ \Phi_{24}^6\ \Phi_{12}^6\ \Phi_6^7\ \Phi_3^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
62728	1106	1560	$\frac{2}{39}$	$\frac{1}{8}$	$\frac{37}{195}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{130}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
62729	1106	168	$\frac{5}{84}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{168}^8\ \Phi_{84}^6\ \Phi_{56}^8\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{24}^5\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{12}^3\ \Phi_8^4\ \Phi_7^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
62730	1106	2184	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{12}{91}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
62731	1106	810	$\frac{13}{270}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{257}{810}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
62732	1106	612	$\frac{1}{17}$	$\frac{59}{612}$	$\frac{35}{153}$	$\frac{16}{51}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{153}\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{36}^2\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_9\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
62733	1106	102	$\frac{1}{17}$	$\frac{5}{51}$	$\frac{23}{102}$	$\frac{16}{51}$	$\Phi_{102}^{14}\ \Phi_{51}^8\ \Phi_{34}^{14}\ \Phi_{17}^7\ \Phi_6^{14}\ \Phi_3^8\ \Phi_2^{14}\ \Phi_1^8$
62734	1106	85	$\frac{6}{85}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{85}^{14}\ \Phi_{17}^9\ \Phi_5^{14}\ \Phi_1^{10}$
62735	1106	480	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{80}^3\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
62736	1106	585	$\frac{32}{585}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{117}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
62737	1106	765	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{43}{255}$	$\frac{212}{765}$	$\Phi_{765}^2\ \Phi_{153}^2\ \Phi_{51}^2\ \Phi_{45}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
62738	1106	90	$\frac{1}{15}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{90}^{14}\ \Phi_{45}^{14}\ \Phi_{30}^{14}\ \Phi_{18}^{14}\ \Phi_{15}^4\ \Phi_{10}^{14}\ \Phi_9^{14}\ \Phi_6^{14}\ \Phi_5^3\ \Phi_3^4\ \Phi_2^{14}\ \Phi_1^4$
62739	1106	85	$\frac{6}{85}$	$\frac{9}{85}$	$\frac{19}{85}$	$\frac{22}{85}$	$\Phi_{85}^{13}\ \Phi_{17}^{13}\ \Phi_5^{13}\ \Phi_1^{14}$
62740	1106	720	$\frac{13}{180}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{167}{720}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
62741	1106	102	$\frac{5}{51}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{23}{102}$	$\Phi_{102}^{14}\ \Phi_{51}^7\ \Phi_{34}^{14}\ \Phi_{17}^9\ \Phi_6^{14}\ \Phi_3^7\ \Phi_2^{14}\ \Phi_1^{10}$
62742	1106	600	$\frac{47}{600}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
62743	1106	300	$\frac{1}{15}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{300}^5\ \Phi_{150}^5\ \Phi_{100}^4\ \Phi_{60}^5\ \Phi_{50}^4\ \Phi_{30}^5\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
62744	1106	675	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{122}{675}$	$\frac{1}{5}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
62745	1106	90	$\frac{11}{90}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{5}$	$\Phi_{90}^{12}\ \Phi_{45}^{12}\ \Phi_{30}^{12}\ \Phi_{18}^{12}\ \Phi_{15}^{14}\ \Phi_{10}^{12}\ \Phi_9^{12}\ \Phi_6^{12}\ \Phi_5^{13}\ \Phi_3^{14}\ \Phi_2^{12}\ \Phi_1^{14}$
62746	1107	632	$\frac{1}{158}$	$\frac{53}{316}$	$\frac{263}{632}$	$\frac{157}{316}$	$\Phi_{632}^3\ \Phi_{316}\ \Phi_8^3\ \Phi_4\ \Phi_1$
62747	1107	976	$\frac{1}{122}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{121}{244}$	$\Phi_{976}^2\ \Phi_{244}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
62748	1107	244	$\frac{1}{122}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{121}{244}$	$\Phi_{244}^5\ \Phi_{122}^4\ \Phi_{61}^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
62749	1107	1460	$\frac{4}{365}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{361}{730}$	$\Phi_{1460}\ \Phi_{365}\ \Phi_{292}\ \Phi_{73}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
62750	1107	148	$\frac{1}{74}$	$\frac{25}{148}$	$\frac{1}{4}$	$\frac{73}{148}$	$\Phi_{148}^8\ \Phi_{74}^7\ \Phi_{37}^7\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
62751	1107	728	$\frac{5}{364}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{359}{728}$	$\Phi_{728}^3\ \Phi_{104}^3\ \Phi_{56}^3\ \Phi_{28}\ \Phi_8^3\ \Phi_4\ \Phi_1$
62752	1107	728	$\frac{5}{364}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{359}{728}$	$\Phi_{728}^3\ \Phi_{104}^3\ \Phi_{56}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
62753	1107	1484	$\frac{6}{371}$	$\frac{1}{7}$	$\frac{377}{1484}$	$\frac{365}{742}$	$\Phi_{1484}\ \Phi_{371}\ \Phi_{212}\ \Phi_{53}\ \Phi_{28}\ \Phi_4\ \Phi_1$
62754	1107	1040	$\frac{1}{40}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{39}{80}$	$\Phi_{1040}^2\ \Phi_{208}^2\ \Phi_{80}^3\ \Phi_{52}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
62755	1107	1040	$\frac{1}{40}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{39}{80}$	$\Phi_{1040}^2\ \Phi_{208}^2\ \Phi_{80}^3\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_1^3$
62756	1107	80	$\frac{1}{40}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{39}{80}$	$\Phi_{80}^{27}\ \Phi_{20}^2\ \Phi_{16}^{27}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
62757	1107	79	$\frac{3}{79}$	$\frac{4}{79}$	$\frac{25}{79}$	$\frac{38}{79}$	$\Phi_{79}^{14}\ \Phi_1^{15}$
62758	1107	780	$\frac{1}{26}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{25}{52}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{60}^3\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
62759	1107	572	$\frac{1}{26}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{572}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{52}\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_4\ \Phi_1$
62760	1107	2340	$\frac{1}{26}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{180}\ \Phi_{156}\ \Phi_{60}\ \Phi_{52}\ \Phi_{45}\ \Phi_{36}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
62761	1107	1300	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{25}{52}$	$\Phi_{1300}^2\ \Phi_{100}^2\ \Phi_{52}\ \Phi_{50}\ \Phi_{25}\ \Phi_4\ \Phi_1$
62762	1107	624	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{25}{52}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{48}^3\ \Phi_{39}^2\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
62763	1107	2128	$\frac{43}{1064}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1021}{2128}$	$\Phi_{2128}\ \Phi_{304}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
62764	1107	1092	$\frac{1}{28}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}^2\ \Phi_{52}\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
62765	1107	700	$\frac{19}{350}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{331}{700}$	$\Phi_{700}^3\ \Phi_{140}^3\ \Phi_{100}^3\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{10}\ \Phi_5\ \Phi_4^3\ \Phi_1$
62766	1107	448	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{79}{448}$	$\frac{211}{448}$	$\Phi_{448}^2\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{64}^2\ \Phi_{56}^3\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
62767	1107	56	$\frac{1}{28}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{56}^{27}\ \Phi_{28}^{13}\ \Phi_{14}^{12}\ \Phi_8^{27}\ \Phi_7^{12}\ \Phi_4^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
62768	1107	1456	$\frac{15}{364}$	$\frac{1}{14}$	$\frac{349}{1456}$	$\frac{13}{28}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{208}\ \Phi_{112}\ \Phi_{104}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
62769	1107	392	$\frac{23}{392}$	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{392}^3\ \Phi_{196}^3\ \Phi_{98}^3\ \Phi_{56}^3\ \Phi_{49}^3\ \Phi_{28}\ \Phi_8^3\ \Phi_4\ \Phi_1$
62770	1107	224	$\frac{1}{14}$	$\frac{11}{112}$	$\frac{13}{112}$	$\frac{101}{224}$	$\Phi_{224}^9\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}^9\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
62771	1107	380	$\frac{11}{380}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{380}^3\ \Phi_{190}^3\ \Phi_{95}^3\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{20}^2\ \Phi_{19}^3\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
62772	1107	148	$\frac{1}{37}$	$\frac{4}{37}$	$\frac{1}{4}$	$\frac{33}{74}$	$\Phi_{148}^{10}\ \Phi_{74}\ \Phi_{37}^9\ \Phi_4^9\ \Phi_1^9$
62773	1107	976	$\frac{1}{61}$	$\frac{1}{8}$	$\frac{20}{61}$	$\frac{7}{16}$	$\Phi_{976}^2\ \Phi_{61}^2\ \Phi_{16}^3\ \Phi_1^3$
62774	1107	336	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{336}^6\ \Phi_{112}^6\ \Phi_{84}^2\ \Phi_{48}^6\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{16}^3\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
62775	1107	1960	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{127}{980}$	$\frac{853}{1960}$	$\Phi_{1960}\ \Phi_{392}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
62776	1107	504	$\frac{1}{28}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{504}^4\ \Phi_{168}^4\ \Phi_{84}^2\ \Phi_{72}^3\ \Phi_{56}^4\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8^3\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
62777	1107	336	$\frac{1}{28}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^4\ \Phi_{84}^2\ \Phi_{56}^4\ \Phi_{48}^3\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{16}^3\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8^3\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
62778	1107	632	$\frac{1}{79}$	$\frac{53}{316}$	$\frac{26}{79}$	$\frac{263}{632}$	$\Phi_{632}^3\ \Phi_{79}^2\ \Phi_8^3\ \Phi_1^3$
62779	1107	140	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{140}^7\ \Phi_{70}^6\ \Phi_{35}^7\ \Phi_{28}^{13}\ \Phi_{20}^7\ \Phi_{14}^{12}\ \Phi_{10}^6\ \Phi_7^{12}\ \Phi_5^7\ \Phi_4^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
62780	1107	1580	$\frac{1}{79}$	$\frac{78}{395}$	$\frac{473}{1580}$	$\frac{317}{790}$	$\Phi_{1580}\ \Phi_{395}\ \Phi_{316}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
62781	1107	1792	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{211}{896}$	$\frac{685}{1792}$	$\Phi_{1792}\ \Phi_{256}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
62782	1107	592	$\frac{1}{74}$	$\frac{73}{296}$	$\frac{1}{4}$	$\frac{223}{592}$	$\Phi_{592}^3\ \Phi_{148}^2\ \Phi_{74}\ \Phi_{37}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
62783	1107	672	$\frac{1}{42}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
62784	1107	640	$\frac{5}{128}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{640}^2\ \Phi_{320}^2\ \Phi_{160}^2\ \Phi_{128}\ \Phi_{80}^2\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
62785	1107	42	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{42}^{27}\ \Phi_{21}^{27}\ \Phi_{14}^{24}\ \Phi_7^{26}\ \Phi_6^{27}\ \Phi_3^{27}\ \Phi_2^{24}\ \Phi_1^{27}$
62786	1107	395	$\frac{4}{79}$	$\frac{26}{395}$	$\frac{25}{79}$	$\frac{27}{79}$	$\Phi_{395}^3\ \Phi_{79}^2\ \Phi_5^3\ \Phi_1^3$
62787	1107	560	$\frac{13}{280}$	$\frac{1}{14}$	$\frac{89}{280}$	$\frac{191}{560}$	$\Phi_{560}^3\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
62788	1107	310	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{10}{31}$	$\frac{21}{62}$	$\Phi_{310}^4\ \Phi_{155}^4\ \Phi_{62}\ \Phi_{31}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1^3$
62789	1107	158	$\frac{1}{79}$	$\frac{35}{158}$	$\frac{26}{79}$	$\frac{53}{158}$	$\Phi_{158}^6\ \Phi_{79}^8\ \Phi_2^6\ \Phi_1^9$
62790	1107	244	$\frac{1}{61}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{20}{61}$	$\Phi_{244}^4\ \Phi_{122}^4\ \Phi_{61}^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
62791	1107	553	$\frac{10}{553}$	$\frac{124}{553}$	$\frac{143}{553}$	$\frac{181}{553}$	$\Phi_{553}^2\ \Phi_{79}^2\ \Phi_7^2\ \Phi_1^3$
62792	1107	740	$\frac{7}{370}$	$\frac{83}{370}$	$\frac{1}{4}$	$\frac{121}{370}$	$\Phi_{740}^2\ \Phi_{370}\ \Phi_{185}\ \Phi_{148}^2\ \Phi_{74}\ \Phi_{37}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
62793	1107	148	$\frac{1}{37}$	$\frac{25}{148}$	$\frac{1}{4}$	$\frac{12}{37}$	$\Phi_{148}^7\ \Phi_{74}^7\ \Phi_{37}^9\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
62794	1107	182	$\frac{5}{182}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{59}{182}$	$\Phi_{182}^6\ \Phi_{91}^6\ \Phi_{26}^6\ \Phi_{14}^6\ \Phi_{13}^6\ \Phi_7^8\ \Phi_2^6\ \Phi_1^9$
62795	1107	780	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{19}{60}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{60}^3\ \Phi_{39}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
62796	1107	60	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{19}{60}$	$\Phi_{60}^{27}\ \Phi_{30}^{27}\ \Phi_{20}^2\ \Phi_{15}^{27}\ \Phi_{12}^{27}\ \Phi_{10}\ \Phi_6^{27}\ \Phi_5\ \Phi_4\ \Phi_3^{27}\ \Phi_1$
62797	1107	572	$\frac{3}{44}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{572}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{13}^2\ \Phi_{11}^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
62798	1107	585	$\frac{1}{13}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{117}^2\ \Phi_{45}^3\ \Phi_{39}^2\ \Phi_{15}^3\ \Phi_{13}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^3$
62799	1107	650	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{4}{13}$	$\Phi_{650}^2\ \Phi_{325}^2\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{13}^2\ \Phi_1^3$
62800	1107	624	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{4}{13}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{48}^3\ \Phi_{39}^2\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
62801	1107	260	$\frac{7}{130}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{260}^6\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{52}^6\ \Phi_{26}^3\ \Phi_{20}^2\ \Phi_{13}^3\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
62802	1107	448	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{79}{448}$	$\frac{33}{112}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}\ \Phi_{64}^3\ \Phi_{56}\ \Phi_{32}^3\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
62803	1107	455	$\frac{5}{91}$	$\frac{1}{7}$	$\frac{86}{455}$	$\frac{2}{7}$	$\Phi_{455}^3\ \Phi_{65}^3\ \Phi_{35}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
62804	1107	392	$\frac{23}{392}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{392}^3\ \Phi_{196}^3\ \Phi_{98}^3\ \Phi_{56}^3\ \Phi_{49}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
62805	1107	756	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{54}\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
62806	1107	140	$\frac{1}{14}$	$\frac{17}{140}$	$\frac{13}{70}$	$\frac{19}{70}$	$\Phi_{140}^9\ \Phi_{70}^7\ \Phi_{35}^7\ \Phi_{28}^9\ \Phi_{20}^9\ \Phi_{14}^6\ \Phi_{10}^7\ \Phi_7^6\ \Phi_5^7\ \Phi_4^9\ \Phi_2^6\ \Phi_1^7$
62807	1107	84	$\frac{1}{42}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{84}^{14}\ \Phi_{42}^{13}\ \Phi_{28}^{14}\ \Phi_{21}^{13}\ \Phi_{14}^{13}\ \Phi_{12}^{14}\ \Phi_7^{13}\ \Phi_6^{13}\ \Phi_4^7\ \Phi_3^{13}\ \Phi_2^6\ \Phi_1^7$
62808	1107	220	$\frac{3}{44}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{220}^6\ \Phi_{110}^6\ \Phi_{55}^6\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{20}^2\ \Phi_{11}^3\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
62809	1107	160	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{37}{160}$	$\frac{1}{4}$	$\Phi_{160}^9\ \Phi_{80}^9\ \Phi_{32}^9\ \Phi_{20}^2\ \Phi_{16}^9\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
62810	1107	400	$\frac{31}{400}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{80}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
62811	1107	180	$\frac{4}{45}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^9\ \Phi_{90}^4\ \Phi_{60}^9\ \Phi_{45}^5\ \Phi_{36}^9\ \Phi_{30}^4\ \Phi_{20}^2\ \Phi_{18}^4\ \Phi_{15}^5\ \Phi_{12}^9\ \Phi_{10}\ \Phi_9^5\ \Phi_6^4\ \Phi_5\ \Phi_4\ \Phi_3^5\ \Phi_1$
62812	1107	100	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{4}$	$\Phi_{100}^{18}\ \Phi_{50}^9\ \Phi_{25}^9\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
62813	1107	140	$\frac{1}{10}$	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{140}^9\ \Phi_{70}^9\ \Phi_{35}^9\ \Phi_{28}^9\ \Phi_{20}^2\ \Phi_{14}^9\ \Phi_{10}\ \Phi_7^9\ \Phi_5\ \Phi_4\ \Phi_1$
62814	1107	240	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{4}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^6\ \Phi_{60}^6\ \Phi_{48}^3\ \Phi_{30}^6\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{15}^6\ \Phi_{12}^3\ \Phi_{10}\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
62815	1107	1400	$\frac{1}{14}$	$\frac{57}{350}$	$\frac{13}{70}$	$\frac{293}{1400}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{280}\ \Phi_{200}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
62816	1108	552	$\frac{1}{276}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{275}{552}$	$\Phi_{552}^4\ \Phi_{184}^4\ \Phi_{24}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
62817	1108	1110	$\frac{1}{185}$	$\frac{93}{370}$	$\frac{1}{3}$	$\frac{92}{185}$	$\Phi_{1110}^2\ \Phi_{555}\ \Phi_{222}^2\ \Phi_{111}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
62818	1108	1650	$\frac{2}{275}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{273}{550}$	$\Phi_{1650}^2\ \Phi_{330}^2\ \Phi_{150}^2\ \Phi_{66}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
62819	1108	492	$\frac{1}{123}$	$\frac{31}{246}$	$\frac{215}{492}$	$\frac{61}{123}$	$\Phi_{492}^4\ \Phi_{164}^4\ \Phi_{123}\ \Phi_{41}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
62820	1108	369	$\frac{1}{123}$	$\frac{92}{369}$	$\frac{31}{123}$	$\frac{61}{123}$	$\Phi_{369}^4\ \Phi_{123}\ \Phi_{41}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
62821	1108	333	$\frac{1}{111}$	$\frac{56}{333}$	$\frac{1}{3}$	$\frac{55}{111}$	$\Phi_{333}^4\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
62822	1108	549	$\frac{5}{549}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{272}{549}$	$\Phi_{549}^2\ \Phi_{183}^2\ \Phi_{61}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
62823	1108	1095	$\frac{13}{1095}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{541}{1095}$	$\Phi_{1095}\ \Phi_{365}\ \Phi_{219}\ \Phi_{73}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
62824	1108	533	$\frac{1}{41}$	$\frac{21}{533}$	$\frac{256}{533}$	$\frac{20}{41}$	$\Phi_{533}^2\ \Phi_{41}^3\ \Phi_{13}^2\ \Phi_1^4$
62825	1108	540	$\frac{7}{270}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{263}{540}$	$\Phi_{540}^4\ \Phi_{180}^4\ \Phi_{108}^4\ \Phi_{60}^4\ \Phi_{36}^4\ \Phi_{27}\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_9\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
62826	1108	540	$\frac{7}{270}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{263}{540}$	$\Phi_{540}^4\ \Phi_{180}^4\ \Phi_{108}^4\ \Phi_{60}^4\ \Phi_{36}^4\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
62827	1108	540	$\frac{7}{270}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{263}{540}$	$\Phi_{540}^4\ \Phi_{180}^4\ \Phi_{108}^4\ \Phi_{60}^4\ \Phi_{36}^4\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
62828	1108	888	$\frac{1}{37}$	$\frac{19}{296}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{888}^2\ \Phi_{444}^2\ \Phi_{222}^2\ \Phi_{111}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
62829	1108	405	$\frac{1}{27}$	$\frac{7}{135}$	$\frac{128}{405}$	$\frac{13}{27}$	$\Phi_{405}^4\ \Phi_{81}^4\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
62830	1108	297	$\frac{1}{27}$	$\frac{20}{297}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{297}^4\ \Phi_{99}^4\ \Phi_{33}^4\ \Phi_{27}\ \Phi_{11}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
62831	1108	675	$\frac{1}{27}$	$\frac{14}{135}$	$\frac{121}{675}$	$\frac{13}{27}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{75}^2\ \Phi_{27}\ \Phi_{25}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
62832	1108	324	$\frac{1}{27}$	$\frac{7}{54}$	$\frac{47}{324}$	$\frac{13}{27}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{108}^4\ \Phi_{81}^4\ \Phi_{36}^4\ \Phi_{27}\ \Phi_{12}^4\ \Phi_9\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
62833	1108	1053	$\frac{1}{27}$	$\frac{55}{1053}$	$\frac{26}{81}$	$\frac{499}{1053}$	$\Phi_{1053}\ \Phi_{351}\ \Phi_{117}\ \Phi_{81}^2\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_9\ \Phi_3\ \Phi_1^2$
62834	1108	285	$\frac{8}{285}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{285}^4\ \Phi_{95}^4\ \Phi_{57}^4\ \Phi_{19}^4\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
62835	1108	378	$\frac{1}{27}$	$\frac{13}{189}$	$\frac{101}{378}$	$\frac{88}{189}$	$\Phi_{378}^4\ \Phi_{189}^2\ \Phi_{126}^4\ \Phi_{63}^2\ \Phi_{54}^4\ \Phi_{42}^4\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9\ \Phi_7^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
62836	1108	1554	$\frac{1}{37}$	$\frac{18}{259}$	$\frac{1}{3}$	$\frac{241}{518}$	$\Phi_{1554}^2\ \Phi_{222}^2\ \Phi_{111}\ \Phi_{42}^2\ \Phi_6^2$
62837	1108	287	$\frac{10}{287}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{287}^4\ \Phi_{41}^3\ \Phi_7^4\ \Phi_1^4$
62838	1108	999	$\frac{2}{111}$	$\frac{109}{999}$	$\frac{1}{3}$	$\frac{445}{999}$	$\Phi_{999}\ \Phi_{333}\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
62839	1108	492	$\frac{1}{41}$	$\frac{31}{246}$	$\frac{10}{41}$	$\frac{215}{492}$	$\Phi_{492}^4\ \Phi_{164}^4\ \Phi_{41}^3\ \Phi_{12}^4\ \Phi_4^4\ \Phi_1^4$
62840	1108	486	$\frac{1}{27}$	$\frac{34}{243}$	$\frac{13}{81}$	$\frac{209}{486}$	$\Phi_{486}^4\ \Phi_{162}^4\ \Phi_{81}^2\ \Phi_{54}^4\ \Phi_{27}\ \Phi_{18}^4\ \Phi_9\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
62841	1108	324	$\frac{1}{27}$	$\frac{47}{324}$	$\frac{13}{81}$	$\frac{34}{81}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{108}^4\ \Phi_{81}^2\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
62842	1108	945	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{163}{945}$	$\frac{391}{945}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}^2\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_9\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
62843	1108	840	$\frac{3}{280}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
62844	1108	288	$\frac{11}{288}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{288}^4\ \Phi_{144}^4\ \Phi_{96}^4\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{32}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
62845	1108	328	$\frac{1}{41}$	$\frac{51}{328}$	$\frac{10}{41}$	$\frac{31}{82}$	$\Phi_{328}^4\ \Phi_{164}^4\ \Phi_{41}^3\ \Phi_8^4\ \Phi_4^4\ \Phi_1^4$
62846	1108	444	$\frac{1}{111}$	$\frac{55}{222}$	$\frac{1}{3}$	$\frac{167}{444}$	$\Phi_{444}^4\ \Phi_{148}^4\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
62847	1108	861	$\frac{1}{41}$	$\frac{40}{287}$	$\frac{247}{861}$	$\frac{307}{861}$	$\Phi_{861}\ \Phi_{287}^2\ \Phi_{123}\ \Phi_{41}\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
62848	1108	837	$\frac{8}{279}$	$\frac{1}{9}$	$\frac{271}{837}$	$\frac{283}{837}$	$\Phi_{837}\ \Phi_{279}^2\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
62849	1108	279	$\frac{2}{279}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{279}^4\ \Phi_{93}^4\ \Phi_{31}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
62850	1108	414	$\frac{1}{138}$	$\frac{137}{414}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{414}^4\ \Phi_{207}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
62851	1108	840	$\frac{3}{280}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
62852	1108	1104	$\frac{1}{92}$	$\frac{91}{368}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}^2\ \Phi_{184}^2\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
62853	1108	345	$\frac{1}{69}$	$\frac{68}{345}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{345}^4\ \Phi_{115}^4\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
62854	1108	282	$\frac{5}{282}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{282}^4\ \Phi_{141}^4\ \Phi_{94}^4\ \Phi_{47}^4\ \Phi_3\ \Phi_1^2$
62855	1108	966	$\frac{1}{46}$	$\frac{45}{322}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
62856	1108	621	$\frac{2}{69}$	$\frac{67}{621}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{621}^2\ \Phi_{207}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
62857	1108	288	$\frac{11}{288}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{288}^4\ \Phi_{144}^4\ \Phi_{96}^4\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{32}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
62858	1108	897	$\frac{1}{23}$	$\frac{22}{299}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{897}\ \Phi_{299}^2\ \Phi_{39}\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
62859	1108	825	$\frac{4}{275}$	$\frac{1}{5}$	$\frac{271}{825}$	$\frac{1}{3}$	$\Phi_{825}\ \Phi_{275}^2\ \Phi_{165}\ \Phi_{75}\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
62860	1108	333	$\frac{2}{111}$	$\frac{56}{333}$	$\frac{109}{333}$	$\frac{1}{3}$	$\Phi_{333}^3\ \Phi_{111}^4\ \Phi_{37}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
62861	1108	405	$\frac{7}{135}$	$\frac{1}{15}$	$\frac{128}{405}$	$\frac{1}{3}$	$\Phi_{405}^4\ \Phi_{81}^4\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
62862	1108	585	$\frac{31}{585}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{117}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
62863	1108	777	$\frac{1}{37}$	$\frac{36}{259}$	$\frac{223}{777}$	$\frac{1}{3}$	$\Phi_{777}\ \Phi_{259}^2\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
62864	1108	300	$\frac{1}{15}$	$\frac{23}{300}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^4\ \Phi_{60}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
62865	1108	360	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{83}{360}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_8^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
62866	1108	330	$\frac{2}{55}$	$\frac{53}{330}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{330}^4\ \Phi_{165}^2\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{55}^4\ \Phi_{33}^2\ \Phi_{30}^4\ \Phi_{22}^4\ \Phi_{15}^3\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
62867	1108	1725	$\frac{21}{575}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1725}\ \Phi_{345}\ \Phi_{69}\ \Phi_{15}$
62868	1108	1815	$\frac{4}{55}$	$\frac{51}{605}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1815}\ \Phi_{363}\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
62869	1108	300	$\frac{23}{300}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^2\ \Phi_{60}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^4\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
62870	1108	675	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{121}{675}$	$\frac{1}{3}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
62871	1108	315	$\frac{1}{15}$	$\frac{38}{315}$	$\frac{7}{45}$	$\frac{1}{3}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}^2\ \Phi_{7}^4\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
62872	1108	405	$\frac{7}{135}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{128}{405}$	$\Phi_{405}^4\ \Phi_{81}^4\ \Phi_{9}^3\ \Phi_{3}^3\ \Phi_{1}^4$
62873	1108	729	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{175}{729}$	$\frac{68}{243}$	$\Phi_{729}^2\ \Phi_{81}^2\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
62874	1108	297	$\frac{20}{297}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{297}^4\ \Phi_{99}^4\ \Phi_{33}^4\ \Phi_{11}^4\ \Phi_{9}^3\ \Phi_{3}^3\ \Phi_{1}^4$
62875	1108	369	$\frac{1}{41}$	$\frac{10}{41}$	$\frac{92}{369}$	$\frac{31}{123}$	$\Phi_{369}^4\ \Phi_{41}^3\ \Phi_{9}^4\ \Phi_{1}^4$
62876	1108	360	$\frac{7}{90}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{83}{360}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_{9}^3\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{1}^4$
62877	1108	315	$\frac{1}{9}$	$\frac{38}{315}$	$\frac{7}{45}$	$\frac{2}{9}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{9}^3\ \Phi_{7}^4\ \Phi_{3}^3\ \Phi_{1}^4$
62878	1108	324	$\frac{1}{9}$	$\frac{7}{54}$	$\frac{47}{324}$	$\frac{2}{9}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{108}^4\ \Phi_{81}^4\ \Phi_{36}^4\ \Phi_{12}^4\ \Phi_{9}^3\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{1}^4$
62879	1109	2208	$\frac{5}{1104}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1099}{2208}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{96}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
62880	1109	1656	$\frac{5}{552}$	$\frac{1}{4}$	$\frac{547}{1656}$	$\frac{3}{8}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{414}\ \Phi_{207}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
62881	1109	1120	$\frac{11}{1120}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
62882	1109	1472	$\frac{5}{368}$	$\frac{363}{1472}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{64}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
62883	1109	1128	$\frac{19}{1128}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{376}\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{94}\ \Phi_{47}\ \Phi_{8}\ \Phi_{1}$
62884	1109	1288	$\frac{5}{184}$	$\frac{179}{1288}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{322}\ \Phi_{161}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
62885	1109	1152	$\frac{43}{1152}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
62886	1110	1768	$\frac{1}{221}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{110}{221}$	$\Phi_{1768}\ \Phi_{221}\ \Phi_{136}\ \Phi_{104}\ \Phi_{17}\ \Phi_{13}\ \Phi_{8}^2\ \Phi_{1}^2$
62887	1110	1840	$\frac{1}{184}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{183}{368}$	$\Phi_{1840}\ \Phi_{368}^2\ \Phi_{80}\ \Phi_{16}^2\ \Phi_{5}\ \Phi_{1}^2$
62888	1110	1104	$\frac{1}{184}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{183}{368}$	$\Phi_{1104}^3\ \Phi_{48}^3\ \Phi_{12}\ \Phi_{6}$
62889	1110	1980	$\frac{1}{110}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{109}{220}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}^2\ \Phi_{180}\ \Phi_{132}\ \Phi_{60}\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
62890	1110	660	$\frac{1}{110}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{109}{220}$	$\Phi_{660}^3\ \Phi_{220}^4\ \Phi_{132}^3\ \Phi_{60}^3\ \Phi_{44}^4\ \Phi_{20}^4\ \Phi_{12}^3\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
62891	1110	2562	$\frac{2}{183}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{181}{366}$	$\Phi_{2562}\ \Phi_{854}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
62892	1110	2044	$\frac{1}{73}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{36}{73}$	$\Phi_{2044}\ \Phi_{292}\ \Phi_{73}\ \Phi_{28}^2\ \Phi_{4}^2\ \Phi_{1}^2$
62893	1110	511	$\frac{1}{73}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{36}{73}$	$\Phi_{511}^2\ \Phi_{73}^3\ \Phi_{7}^4\ \Phi_{1}^6$
62894	1110	876	$\frac{1}{73}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{36}{73}$	$\Phi_{876}^2\ \Phi_{438}\ \Phi_{292}\ \Phi_{219}\ \Phi_{73}\ \Phi_{12}^4\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
62895	1110	1736	$\frac{1}{62}$	$\frac{1}{7}$	$\frac{63}{248}$	$\frac{61}{124}$	$\Phi_{1736}\ \Phi_{434}\ \Phi_{217}\ \Phi_{56}\ \Phi_{14}$
62896	1110	364	$\frac{3}{182}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{179}{364}$	$\Phi_{364}^2\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{52}^2\ \Phi_{28}^3\ \Phi_{26}^4\ \Phi_{14}^5\ \Phi_{13}^4\ \Phi_{7}^4\ \Phi_{4}^2\ \Phi_{2}^4\ \Phi_{1}^4$
62897	1110	212	$\frac{1}{53}$	$\frac{27}{212}$	$\frac{1}{4}$	$\frac{26}{53}$	$\Phi_{212}^5\ \Phi_{106}^5\ \Phi_{53}^6\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
62898	1110	1109	$\frac{21}{1109}$	$\frac{113}{1109}$	$\frac{332}{1109}$	$\frac{544}{1109}$	$\Phi_{1109}\ \Phi_{1}^2$
62899	1110	1338	$\frac{5}{223}$	$\frac{1}{6}$	$\frac{38}{223}$	$\frac{109}{223}$	$\Phi_{1338}\ \Phi_{669}\ \Phi_{446}$
62900	1110	1109	$\frac{25}{1109}$	$\frac{184}{1109}$	$\frac{189}{1109}$	$\frac{542}{1109}$	$\Phi_{1109}\ \Phi_{1}^2$
62901	1110	1484	$\frac{9}{371}$	$\frac{38}{371}$	$\frac{1}{4}$	$\frac{181}{371}$	$\Phi_{1484}\ \Phi_{742}\ \Phi_{212}\ \Phi_{106}\ \Phi_{28}\ \Phi_{14}$
62902	1110	2088	$\frac{1}{36}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{35}{72}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{232}\ \Phi_{72}^2\ \Phi_{29}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{1}^2$
62903	1110	144	$\frac{1}{36}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{144}^8\ \Phi_{72}^6\ \Phi_{48}^9\ \Phi_{36}^8\ \Phi_{24}^7\ \Phi_{18}^8\ \Phi_{16}^8\ \Phi_{12}^9\ \Phi_{9}^8\ \Phi_{8}^6\ \Phi_{6}^9\ \Phi_{4}^8\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^8$
62904	1110	2088	$\frac{1}{36}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{35}{72}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{232}\ \Phi_{72}^2\ \Phi_{29}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{1}^2$
62905	1110	792	$\frac{1}{36}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{792}^3\ \Phi_{264}^3\ \Phi_{88}^3\ \Phi_{44}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
62906	1110	2088	$\frac{1}{36}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{35}{72}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{232}\ \Phi_{72}^2\ \Phi_{29}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
62907	1110	504	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{35}{72}$	$\Phi_{504}^5\ \Phi_{168}^5\ \Phi_{56}^5\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
62908	1110	1131	$\frac{1}{29}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{1131}\ \Phi_{377}\ \Phi_{39}^2\ \Phi_{29}\ \Phi_{13}^2\ \Phi_1^2$
62909	1110	1566	$\frac{1}{29}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{14}{29}$	$\Phi_{1566}\ \Phi_{783}\ \Phi_{54}^2\ \Phi_{29}\ \Phi_{27}^2\ \Phi_1^2$
62910	1110	1160	$\frac{1}{29}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{232}\ \Phi_{145}\ \Phi_{40}^2\ \Phi_{29}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_1^2$
62911	1110	1392	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{14}{29}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{232}\ \Phi_{48}^2\ \Phi_{29}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
62912	1110	1305	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{14}{29}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{145}\ \Phi_{45}^2\ \Phi_{29}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
62913	1110	1218	$\frac{1}{29}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{14}{29}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{406}\ \Phi_{203}\ \Phi_{42}^2\ \Phi_{29}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
62914	1110	400	$\frac{1}{25}$	$\frac{1}{16}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{80}^3\ \Phi_{50}\ \Phi_{40}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
62915	1110	560	$\frac{2}{35}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}^2\ \Phi_{80}^3\ \Phi_{56}^2\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}\ \Phi_8^2\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
62916	1110	770	$\frac{2}{35}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{33}{70}$	$\Phi_{770}^3\ \Phi_{154}^3\ \Phi_{110}^3\ \Phi_{77}\ \Phi_{22}^3$
62917	1110	1408	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{17}{128}$	$\frac{15}{32}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
62918	1110	720	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{80}\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
62919	1110	2288	$\frac{7}{104}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{97}{208}$	$\Phi_{2288}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
62920	1110	1596	$\frac{1}{38}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{1596}^2\ \Phi_{228}^2\ \Phi_{114}\ \Phi_{84}\ \Phi_{57}\ \Phi_{12}\ \Phi_6$
62921	1110	495	$\frac{1}{55}$	$\frac{1}{9}$	$\frac{18}{55}$	$\frac{4}{9}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{55}^4\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{15}^2\ \Phi_{11}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^6$
62922	1110	684	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{684}^2\ \Phi_{342}\ \Phi_{228}^2\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}^4\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{36}\ \Phi_{19}^2\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
62923	1110	1035	$\frac{4}{115}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}\ \Phi_{115}^2\ \Phi_{69}\ \Phi_{23}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
62924	1110	396	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{7}{44}$	$\frac{4}{9}$	$\Phi_{396}^3\ \Phi_{198}^2\ \Phi_{132}^3\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{44}^6\ \Phi_{36}^3\ \Phi_{33}^2\ \Phi_{22}^4\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{11}^4\ \Phi_9^3\ \Phi_6^2\ \Phi_4^6\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
62925	1110	360	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^2\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{45}^2\ \Phi_{40}^6\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}^6\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_9^3\ \Phi_8^6\ \Phi_6^2\ \Phi_5^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
62926	1110	1089	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1089}\ \Phi_{363}\ \Phi_{121}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
62927	1110	2156	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{98}$	$\frac{85}{196}$	$\Phi_{2156}\ \Phi_{308}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}$
62928	1110	1109	$\frac{17}{1109}$	$\frac{149}{1109}$	$\frac{364}{1109}$	$\frac{480}{1109}$	$\Phi_{1109}\ \Phi_1^2$
62929	1110	756	$\frac{4}{189}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{18}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_6^2$
62930	1110	704	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{5}{32}$	$\frac{27}{64}$	$\Phi_{704}^3\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
62931	1110	1178	$\frac{1}{38}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{1178}\ \Phi_{589}\ \Phi_{62}$
62932	1110	636	$\frac{1}{53}$	$\frac{26}{159}$	$\frac{1}{4}$	$\frac{133}{318}$	$\Phi_{636}^2\ \Phi_{212}^3\ \Phi_{159}^2\ \Phi_{106}\ \Phi_{53}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
62933	1110	1344	$\frac{7}{192}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
62934	1110	434	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{6}{31}$	$\frac{25}{62}$	$\Phi_{434}^5\ \Phi_{217}\ \Phi_{14}^5$
62935	1110	1109	$\frac{24}{1109}$	$\frac{217}{1109}$	$\frac{221}{1109}$	$\frac{446}{1109}$	$\Phi_{1109}\ \Phi_1^2$
62936	1110	1484	$\frac{6}{371}$	$\frac{73}{371}$	$\frac{1}{4}$	$\frac{149}{371}$	$\Phi_{1484}\ \Phi_{742}\ \Phi_{212}\ \Phi_{106}\ \Phi_{28}\ \Phi_{14}$
62937	1110	1380	$\frac{1}{92}$	$\frac{1}{5}$	$\frac{91}{276}$	$\frac{2}{5}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
62938	1110	940	$\frac{3}{188}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{940}\ \Phi_{470}\ \Phi_{235}\ \Phi_{188}^2\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_5\ \Phi_1^2$
62939	1110	230	$\frac{1}{46}$	$\frac{9}{46}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{230}^4\ \Phi_{115}^4\ \Phi_{46}^8\ \Phi_{23}^8\ \Phi_{10}^4\ \Phi_5^5\ \Phi_2^8\ \Phi_1^{10}$
62940	1110	570	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{570}^2\ \Phi_{285}^2\ \Phi_{190}\ \Phi_{114}^4\ \Phi_{95}\ \Phi_{57}^4\ \Phi_{38}^2\ \Phi_{30}\ \Phi_{19}^2\ \Phi_{15}\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
62941	1110	960	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}^2\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{80}\ \Phi_{64}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
62942	1110	1035	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}^2\ \Phi_{69}^2\ \Phi_{45}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
62943	1110	80	$\frac{1}{16}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{80}^{15}\ \Phi_{40}^{13}\ \Phi_{20}^{13}\ \Phi_{16}^{14}\ \Phi_{10}^{13}\ \Phi_8^{12}\ \Phi_5^{14}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{14}$
62944	1110	240	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{60}^3\ \Phi_{48}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^3\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^5\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
62945	1110	336	$\frac{1}{112}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{84}^5\ \Phi_{48}^5\ \Phi_{42}^5\ \Phi_{24}^4\ \Phi_{21}^5\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
62946	1110	1768	$\frac{2}{221}$	$\frac{1}{4}$	$\frac{73}{221}$	$\frac{3}{8}$	$\Phi_{1768}\ \Phi_{221}\ \Phi_{136}\ \Phi_{104}\ \Phi_{17}\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
62947	1110	600	$\frac{1}{75}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{600}^3\ \Phi_{300}\ \Phi_{200}^3\ \Phi_{150}\ \Phi_{120}^3\ \Phi_{100}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}^3\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
62948	1110	1768	$\frac{5}{221}$	$\frac{36}{221}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1768}\ \Phi_{221}\ \Phi_{136}\ \Phi_{104}\ \Phi_{17}\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
62949	1110	1064	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1064}^2\ \Phi_{266}\ \Phi_{133}\ \Phi_{56}\ \Phi_{14}$
62950	1110	312	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^6\ \Phi_{104}^5\ \Phi_{39}^6\ \Phi_{24}^6\ \Phi_{13}^5\ \Phi_8^6\ \Phi_3^6\ \Phi_1^6$
62951	1110	952	$\frac{1}{17}$	$\frac{8}{119}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{952}^2\ \Phi_{136}\ \Phi_{119}^2\ \Phi_{56}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_7^2\ \Phi_1^2$
62952	1110	1109	$\frac{19}{1109}$	$\frac{218}{1109}$	$\frac{297}{1109}$	$\frac{406}{1109}$	$\Phi_{1109}\ \Phi_1^2$
62953	1110	1178	$\frac{1}{38}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{1178}\ \Phi_{589}\ \Phi_{62}$
62954	1110	616	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{9}{28}$	$\frac{19}{56}$	$\Phi_{616}^3\ \Phi_{308}\ \Phi_{154}\ \Phi_{88}^3\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}$
62955	1110	1109	$\frac{26}{1109}$	$\frac{147}{1109}$	$\frac{361}{1109}$	$\frac{374}{1109}$	$\Phi_{1109}\ \Phi_1^2$
62956	1110	1338	$\frac{4}{223}$	$\frac{1}{6}$	$\frac{73}{223}$	$\frac{75}{223}$	$\Phi_{1338}\ \Phi_{669}\ \Phi_{446}$
62957	1110	834	$\frac{1}{139}$	$\frac{46}{139}$	$\frac{1}{3}$	$\frac{93}{278}$	$\Phi_{834}^3\ \Phi_{417}\ \Phi_6^3$
62958	1110	624	$\frac{2}{39}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{48}\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
62959	1110	276	$\frac{1}{92}$	$\frac{1}{4}$	$\frac{91}{276}$	$\frac{1}{3}$	$\Phi_{276}^3\ \Phi_{138}^3\ \Phi_{92}^6\ \Phi_{69}^3\ \Phi_{46}^6\ \Phi_{23}^6\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
62960	1110	330	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{18}{55}$	$\frac{1}{3}$	$\Phi_{330}^4\ \Phi_{165}^2\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{55}^4\ \Phi_{33}^2\ \Phi_{30}^4\ \Phi_{22}^4\ \Phi_{15}^2\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_6^6\ \Phi_5^4\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
62961	1110	1668	$\frac{13}{556}$	$\frac{75}{556}$	$\frac{181}{556}$	$\frac{1}{3}$	$\Phi_{1668}\ \Phi_{834}\ \Phi_{417}\ \Phi_{12}\ \Phi_6$
62962	1110	432	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{108}^4\ \Phi_{54}^2\ \Phi_{48}\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
62963	1110	1131	$\frac{2}{39}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{1131}\ \Phi_{377}\ \Phi_{39}^2\ \Phi_{29}\ \Phi_{13}^2\ \Phi_1^2$
62964	1110	798	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{42}^2\ \Phi_6^3$
62965	1110	1668	$\frac{11}{556}$	$\frac{109}{556}$	$\frac{149}{556}$	$\frac{1}{3}$	$\Phi_{1668}\ \Phi_{834}\ \Phi_{417}\ \Phi_{12}\ \Phi_6$
62966	1110	564	$\frac{3}{188}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{564}^3\ \Phi_{282}^3\ \Phi_{141}^3\ \Phi_{12}\ \Phi_6$
62967	1110	2208	$\frac{3}{184}$	$\frac{181}{736}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{96}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
62968	1110	276	$\frac{1}{46}$	$\frac{9}{46}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{276}^8\ \Phi_{138}^4\ \Phi_{69}^4\ \Phi_{12}^9\ \Phi_6^5\ \Phi_3^4$
62969	1110	228	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^6\ \Phi_{114}^3\ \Phi_{76}^8\ \Phi_{57}^3\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
62970	1110	1932	$\frac{3}{92}$	$\frac{89}{644}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{483}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
62971	1110	192	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{192}^6\ \Phi_{96}^6\ \Phi_{64}^6\ \Phi_{48}^6\ \Phi_{32}^6\ \Phi_{24}^3\ \Phi_{16}^6\ \Phi_{12}^4\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
62972	1110	828	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
62973	1110	1716	$\frac{2}{39}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{286}\ \Phi_{44}\ \Phi_{22}$
62974	1110	240	$\frac{1}{16}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^8\ \Phi_{120}^7\ \Phi_{60}^7\ \Phi_{48}^5\ \Phi_{30}^7\ \Phi_{24}^4\ \Phi_{15}^7\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
62975	1110	48	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{48}^{23}\ \Phi_{24}^{23}\ \Phi_{16}^{22}\ \Phi_{12}^{25}\ \Phi_8^{22}\ \Phi_6^{25}\ \Phi_4^{24}\ \Phi_3^{24}\ \Phi_2^{24}\ \Phi_1^{24}$
62976	1110	1296	$\frac{1}{16}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
62977	1110	690	$\frac{4}{115}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{690}^2\ \Phi_{345}\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{115}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
62978	1110	720	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
62979	1110	1131	$\frac{2}{39}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{1131}\ \Phi_{377}\ \Phi_{39}^2\ \Phi_{29}\ \Phi_{13}^2\ \Phi_1^2$
62980	1110	132	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{132}^9\ \Phi_{66}^6\ \Phi_{44}^{12}\ \Phi_{33}^6\ \Phi_{22}^8\ \Phi_{12}^9\ \Phi_{11}^8\ \Phi_6^8\ \Phi_4^{12}\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
62981	1110	546	$\frac{2}{39}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{546}^3\ \Phi_{273}^2\ \Phi_{182}^3\ \Phi_{91}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
62982	1110	336	$\frac{1}{16}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{28}^4\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_6$
62983	1110	120	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{120}^9\ \Phi_{60}^9\ \Phi_{40}^{12}\ \Phi_{30}^6\ \Phi_{24}^9\ \Phi_{20}^{12}\ \Phi_{15}^6\ \Phi_{12}^9\ \Phi_{10}^8\ \Phi_8^{12}\ \Phi_6^8\ \Phi_5^8\ \Phi_4^{12}\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
62984	1110	726	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{726}^2\ \Phi_{363}\ \Phi_{242}^2\ \Phi_{121}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
62985	1110	1908	$\frac{1}{53}$	$\frac{107}{477}$	$\frac{1}{4}$	$\frac{52}{159}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{212}\ \Phi_{106}\ \Phi_{36}\ \Phi_{18}$
62986	1110	1092	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{88}{273}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{156}^2\ \Phi_{84}^2\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_6^2$
62987	1110	1566	$\frac{1}{18}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{17}{54}$	$\Phi_{1566}\ \Phi_{783}\ \Phi_{54}^2\ \Phi_{29}\ \Phi_{27}^2\ \Phi_1^2$
62988	1110	1188	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{1188}^2\ \Phi_{594}\ \Phi_{297}\ \Phi_{44}\ \Phi_{22}$
62989	1110	1566	$\frac{1}{18}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{17}{54}$	$\Phi_{1566}\ \Phi_{783}\ \Phi_{54}^2\ \Phi_{29}\ \Phi_{27}^2\ \Phi_1^2$
62990	1110	378	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{17}{54}$	$\Phi_{378}^5\ \Phi_{189}^5\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
62991	1110	528	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{11}{48}$	$\frac{5}{16}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}\ \Phi_{132}^3\ \Phi_{88}\ \Phi_{66}^3\ \Phi_{44}\ \Phi_{33}^3\ \Phi_{22}$
62992	1110	1160	$\frac{2}{29}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{232}\ \Phi_{145}\ \Phi_{40}^2\ \Phi_{29}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_1^2$
62993	1110	1392	$\frac{2}{29}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{9}{29}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{232}\ \Phi_{48}^2\ \Phi_{29}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
62994	1110	1305	$\frac{2}{29}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{9}{29}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{145}\ \Phi_{45}^2\ \Phi_{29}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
62995	1110	1218	$\frac{2}{29}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{9}{29}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{406}\ \Phi_{203}\ \Phi_{42}^2\ \Phi_{29}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
62996	1110	212	$\frac{3}{53}$	$\frac{5}{53}$	$\frac{1}{4}$	$\frac{16}{53}$	$\Phi_{212}^7\ \Phi_{106}^7\ \Phi_4^6\ \Phi_2^6$
62997	1110	1680	$\frac{1}{16}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
62998	1110	308	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{308}^5\ \Phi_{154}^5\ \Phi_{44}^5\ \Phi_{28}^3\ \Phi_{22}^5\ \Phi_{14}^3\ \Phi_4^2\ \Phi_2^2$
62999	1110	462	$\frac{1}{11}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{462}^3\ \Phi_{231}^3\ \Phi_{154}^3\ \Phi_{77}\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{22}^3$
63000	1110	1386	$\frac{13}{198}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{77}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
63001	1110	440	$\frac{3}{40}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{88}^3\ \Phi_{55}^3\ \Phi_{44}\ \Phi_{22}$
63002	1110	528	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{88}^3\ \Phi_{44}\ \Phi_{22}$
63003	1110	196	$\frac{11}{196}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{196}^6\ \Phi_{98}^6\ \Phi_{49}^6\ \Phi_{28}^3\ \Phi_{14}^5\ \Phi_7^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
63004	1110	364	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{17}{91}$	$\frac{1}{4}$	$\Phi_{364}^4\ \Phi_{182}^4\ \Phi_{52}^4\ \Phi_{28}^5\ \Phi_{26}^4\ \Phi_{14}^5\ \Phi_4^4\ \Phi_2^4$
63005	1110	1980	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{110}\ \Phi_{44}\ \Phi_{22}$
63006	1110	1160	$\frac{3}{40}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{232}\ \Phi_{145}\ \Phi_{40}^2\ \Phi_{29}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_1^2$
63007	1110	840	$\frac{3}{40}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{105}^2\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
63008	1110	924	$\frac{1}{11}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{924}^2\ \Phi_{462}\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}$
63009	1110	1392	$\frac{1}{12}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{11}{48}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{232}\ \Phi_{48}^2\ \Phi_{29}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
63010	1110	336	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{11}{48}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^5\ \Phi_{56}^5\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
63011	1110	1540	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{140}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{110}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}$
63012	1110	1305	$\frac{1}{9}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{8}{45}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{145}\ \Phi_{45}^2\ \Phi_{29}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
63013	1110	630	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{8}{45}$	$\Phi_{630}^3\ \Phi_{315}^2\ \Phi_{210}^3\ \Phi_{105}^2\ \Phi_{70}^3\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
63014	1110	1218	$\frac{5}{42}$	$\frac{4}{29}$	$\frac{1}{6}$	$\frac{5}{29}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{406}\ \Phi_{203}\ \Phi_{42}^2\ \Phi_{29}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
63015	1110	42	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{42}^{26}\ \Phi_{21}^{26}\ \Phi_{14}^{26}\ \Phi_7^{25}\ \Phi_6^{30}\ \Phi_3^{30}\ \Phi_2^{30}\ \Phi_1^{30}$
63016	1110	1512	$\frac{5}{36}$	$\frac{1}{7}$	$\frac{31}{216}$	$\frac{1}{6}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{189}\ \Phi_{168}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
63017	1111	1776	$\frac{1}{222}$	$\frac{223}{888}$	$\frac{665}{1776}$	$\frac{221}{444}$	$\Phi_{1776}\ \Phi_{592}\ \Phi_{444}\ \Phi_{148}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
63018	1111	2208	$\frac{7}{1104}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1097}{2208}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{96}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$
63019	1111	200	$\frac{1}{100}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{99}{200}$	$\Phi_{200}^{11}\ \Phi_{40}^{11}\ \Phi_{20}\ \Phi_8^{11}\ \Phi_4\ \Phi_1$
63020	1111	600	$\frac{1}{100}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{99}{200}$	$\Phi_{600}^5\ \Phi_{200}\ \Phi_{120}^5\ \Phi_{40}\ \Phi_{24}^5\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
63021	1111	2196	$\frac{13}{1098}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1085}{2196}$	$\Phi_{2196}\ \Phi_{732}\ \Phi_{244}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
63022	1111	1272	$\frac{2}{159}$	$\frac{161}{1272}$	$\frac{1}{3}$	$\frac{157}{318}$	$\Phi_{1272}\ \Phi_{636}\ \Phi_{424}\ \Phi_{212}\ \Phi_{159}\ \Phi_{53}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
63023	1111	1488	$\frac{5}{372}$	$\frac{1}{6}$	$\frac{377}{1488}$	$\frac{367}{744}$	$\Phi_{1488}\ \Phi_{496}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{48}\ \Phi_{31}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
63024	1111	2072	$\frac{1}{74}$	$\frac{75}{1036}$	$\frac{961}{2072}$	$\frac{73}{148}$	$\Phi_{2072}\ \Phi_{296}\ \Phi_{148}\ \Phi_{56}\ \Phi_8\ \Phi_4\ \Phi_1$
63025	1111	2184	$\frac{19}{1092}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1073}{2184}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{168}\ \Phi_{104}\ \Phi_{56}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$
63026	1111	396	$\frac{2}{99}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{97}{198}$	$\Phi_{396}^3\ \Phi_{198}^2\ \Phi_{132}^3\ \Phi_{99}^3\ \Phi_{66}^2\ \Phi_{44}^3\ \Phi_{36}^3\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^5\ \Phi_{11}^3\ \Phi_9^3\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
63027	1111	2160	$\frac{31}{1080}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{1049}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
63028	1111	2160	$\frac{31}{1080}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1049}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{16}\ \Phi_9\ \Phi_1$
63029	1111	2160	$\frac{31}{1080}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1049}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
63030	1111	2160	$\frac{31}{1080}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1049}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
63031	1111	408	$\frac{1}{34}$	$\frac{1}{12}$	$\frac{35}{136}$	$\frac{33}{68}$	$\Phi_{408}^4\ \Phi_{204}^2\ \Phi_{136}^3\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{24}^4\ \Phi_{17}\ \Phi_{12}\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
63032	1111	1620	$\frac{1}{30}$	$\frac{31}{540}$	$\frac{509}{1620}$	$\frac{29}{60}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
63033	1111	1200	$\frac{1}{30}$	$\frac{89}{1200}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
63034	1111	1440	$\frac{1}{30}$	$\frac{31}{360}$	$\frac{329}{1440}$	$\frac{29}{60}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
63035	1111	1260	$\frac{1}{30}$	$\frac{149}{1260}$	$\frac{31}{180}$	$\frac{29}{60}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
63036	1111	1500	$\frac{14}{375}$	$\frac{1}{15}$	$\frac{389}{1500}$	$\frac{361}{750}$	$\Phi_{1500}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}\ \Phi_{125}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
63037	1111	105	$\frac{4}{105}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{105}^{11}\ \Phi_{35}^{11}\ \Phi_{21}^9\ \Phi_{15}^{11}\ \Phi_7^9\ \Phi_5^{11}\ \Phi_3^8\ \Phi_1^9$
63038	1111	192	$\frac{5}{96}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{91}{192}$	$\Phi_{192}^{11}\ \Phi_{64}^{11}\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
63039	1111	1280	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{169}{1280}$	$\frac{151}{320}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{256}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
63040	1111	2100	$\frac{61}{1050}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{989}{2100}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
63041	1111	2100	$\frac{61}{1050}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{989}{2100}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
63042	1111	1350	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{239}{1350}$	$\frac{211}{450}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{270}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}\ \Phi_9\ \Phi_1$
63043	1111	2080	$\frac{71}{1040}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{969}{2080}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
63044	1111	111	$\frac{3}{37}$	$\frac{10}{111}$	$\frac{4}{37}$	$\frac{17}{37}$	$\Phi_{111}^{11}\ \Phi_{37}^8\ \Phi_3^{11}\ \Phi_1^9$
63045	1111	186	$\frac{5}{93}$	$\frac{8}{93}$	$\frac{1}{6}$	$\frac{85}{186}$	$\Phi_{186}^5\ \Phi_{93}^7\ \Phi_{62}^5\ \Phi_{31}^7\ \Phi_6^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^7$
63046	1111	1134	$\frac{23}{1134}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{162}\ \Phi_{126}\ \Phi_{81}\ \Phi_{63}\ \Phi_{54}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_1$
63047	1111	300	$\frac{1}{50}$	$\frac{1}{10}$	$\frac{49}{150}$	$\frac{9}{20}$	$\Phi_{300}^{10}\ \Phi_{150}\ \Phi_{75}\ \Phi_{60}^{10}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^{10}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
63048	1111	520	$\frac{3}{104}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{520}^{2}\ \Phi_{260}^{2}\ \Phi_{130}^{2}\ \Phi_{104}^{3}\ \Phi_{65}^{2}\ \Phi_{52}^{3}\ \Phi_{40}^{2}\ \Phi_{26}^{3}\ \Phi_{20}\ \Phi_{13}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
63049	1111	420	$\frac{4}{105}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{420}^{5}\ \Phi_{140}^{5}\ \Phi_{105}\ \Phi_{84}^{5}\ \Phi_{60}^{5}\ \Phi_{35}\ \Phi_{28}^{5}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^{5}\ \Phi_{7}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
63050	1111	500	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{24}{125}$	$\frac{9}{20}$	$\Phi_{500}^{5}\ \Phi_{125}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
63051	1111	120	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{19}{120}$	$\frac{9}{20}$	$\Phi_{120}^{11}\ \Phi_{60}^{11}\ \Phi_{40}^{11}\ \Phi_{30}^{11}\ \Phi_{24}^{11}\ \Phi_{20}\ \Phi_{15}^{11}\ \Phi_{12}^{11}\ \Phi_{8}^{11}\ \Phi_{6}^{11}\ \Phi_{4}\ \Phi_{3}^{11}\ \Phi_{1}$
63052	1111	1200	$\frac{89}{1200}$	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{9}{20}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
63053	1111	220	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{220}^{10}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}^{10}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
63054	1111	1960	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{131}{980}$	$\frac{849}{1960}$	$\Phi_{1960}\ \Phi_{392}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
63055	1111	1152	$\frac{41}{1152}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
63056	1111	1920	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{151}{960}$	$\frac{809}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
63057	1111	1908	$\frac{2}{159}$	$\frac{157}{954}$	$\frac{1}{3}$	$\frac{797}{1908}$	$\Phi_{1908}\ \Phi_{636}\ \Phi_{212}\ \Phi_{159}\ \Phi_{53}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
63058	1111	1656	$\frac{7}{552}$	$\frac{1}{6}$	$\frac{545}{1656}$	$\frac{5}{12}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{414}\ \Phi_{207}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
63059	1111	1128	$\frac{17}{1128}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{376}\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{94}\ \Phi_{47}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
63060	1111	1380	$\frac{7}{276}$	$\frac{1}{6}$	$\frac{269}{1380}$	$\frac{5}{12}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{230}\ \Phi_{115}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
63061	1111	1152	$\frac{41}{1152}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
63062	1111	108	$\frac{7}{108}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{108}^{11}\ \Phi_{54}^{11}\ \Phi_{36}^{11}\ \Phi_{27}^{11}\ \Phi_{18}^{11}\ \Phi_{12}^{5}\ \Phi_{9}^{11}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
63063	1111	1200	$\frac{1}{15}$	$\frac{89}{1200}$	$\frac{14}{75}$	$\frac{61}{150}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
63064	1111	1020	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{16}{85}$	$\frac{69}{170}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}^{2}\ \Phi_{102}^{2}\ \Phi_{85}\ \Phi_{68}^{2}\ \Phi_{60}\ \Phi_{51}^{2}\ \Phi_{34}\ \Phi_{30}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
63065	1111	111	$\frac{2}{37}$	$\frac{10}{111}$	$\frac{7}{37}$	$\frac{15}{37}$	$\Phi_{111}^{11}\ \Phi_{37}^{8}\ \Phi_{3}^{11}\ \Phi_{1}^{9}$
63066	1111	1860	$\frac{5}{186}$	$\frac{1}{6}$	$\frac{181}{930}$	$\frac{749}{1860}$	$\Phi_{1860}\ \Phi_{620}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{60}\ \Phi_{31}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
63067	1111	306	$\frac{1}{102}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{306}^{3}\ \Phi_{153}^{3}\ \Phi_{102}^{5}\ \Phi_{51}^{5}\ \Phi_{34}^{5}\ \Phi_{18}^{2}\ \Phi_{17}^{5}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
63068	1111	1800	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{211}{900}$	$\frac{689}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{120}\ \Phi_{75}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
63069	1111	816	$\frac{1}{102}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{816}^{2}\ \Phi_{272}^{2}\ \Phi_{204}^{2}\ \Phi_{102}\ \Phi_{68}^{2}\ \Phi_{51}\ \Phi_{48}^{2}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
63070	1111	1776	$\frac{1}{74}$	$\frac{73}{296}$	$\frac{223}{888}$	$\frac{665}{1776}$	$\Phi_{1776}\ \Phi_{592}\ \Phi_{296}\ \Phi_{148}\ \Phi_{48}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
63071	1111	1170	$\frac{59}{1170}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{130}\ \Phi_{117}\ \Phi_{78}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
63072	1111	1680	$\frac{9}{280}$	$\frac{1}{10}$	$\frac{271}{840}$	$\frac{569}{1680}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
63073	1111	1431	$\frac{2}{159}$	$\frac{320}{1431}$	$\frac{157}{477}$	$\frac{1}{3}$	$\Phi_{1431}\ \Phi_{159}\ \Phi_{53}\ \Phi_{27}\ \Phi_{1}$
63074	1111	1638	$\frac{19}{546}$	$\frac{2}{21}$	$\frac{527}{1638}$	$\frac{1}{3}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{234}\ \Phi_{126}\ \Phi_{117}\ \Phi_{63}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
63075	1111	132	$\frac{2}{33}$	$\frac{1}{12}$	$\frac{31}{132}$	$\frac{1}{3}$	$\Phi_{132}^{8}\ \Phi_{66}^{8}\ \Phi_{44}^{8}\ \Phi_{33}^{9}\ \Phi_{22}^{8}\ \Phi_{12}^{10}\ \Phi_{11}^{9}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
63076	1111	1176	$\frac{65}{1176}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{168}\ \Phi_{147}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{24}\ \Phi_{21}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
63077	1111	108	$\frac{7}{108}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{108}^{11}\ \Phi_{54}^{11}\ \Phi_{36}^{8}\ \Phi_{27}^{11}\ \Phi_{18}^{8}\ \Phi_{12}^{10}\ \Phi_{9}^{9}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
63078	1111	1365	$\frac{19}{273}$	$\frac{2}{21}$	$\frac{254}{1365}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{195}\ \Phi_{105}\ \Phi_{65}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
63079	1111	150	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{49}{150}$	$\Phi_{150}^{6}\ \Phi_{75}^{6}\ \Phi_{50}^{10}\ \Phi_{30}^{6}\ \Phi_{25}^{10}\ \Phi_{15}^{7}\ \Phi_{10}^{10}\ \Phi_{6}^{6}\ \Phi_{5}^{10}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
63080	1111	1440	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{329}{1440}$	$\frac{151}{480}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
63081	1111	1620	$\frac{31}{540}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{509}{1620}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{45}\ \Phi_{9}\ \Phi_{1}$
63082	1111	1620	$\frac{31}{540}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{509}{1620}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
63083	1111	1215	$\frac{1}{15}$	$\frac{104}{1215}$	$\frac{31}{135}$	$\frac{14}{45}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{81}\ \Phi_{45}\ \Phi_{9}\ \Phi_{1}$
63084	1111	1440	$\frac{1}{15}$	$\frac{31}{360}$	$\frac{329}{1440}$	$\frac{14}{45}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{32}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
63085	1111	1350	$\frac{1}{15}$	$\frac{31}{270}$	$\frac{239}{1350}$	$\frac{14}{45}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{25}\ \Phi_{9}\ \Phi_{1}$
63086	1111	1260	$\frac{1}{15}$	$\frac{149}{1260}$	$\frac{31}{180}$	$\frac{14}{45}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
63087	1111	144	$\frac{1}{12}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{144}$	$\Phi_{144}^{11}\ \Phi_{72}^{11}\ \Phi_{36}^{11}\ \Phi_{18}^{11}\ \Phi_{12}^{5}\ \Phi_{9}^{11}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
63088	1111	1575	$\frac{1}{15}$	$\frac{61}{525}$	$\frac{14}{75}$	$\frac{464}{1575}$	$\Phi_{1575}\ \Phi_{315}\ \Phi_{225}\ \Phi_{75}\ \Phi_{63}\ \Phi_{45}\ \Phi_{25}\ \Phi_{9}\ \Phi_{1}$
63089	1111	1260	$\frac{1}{10}$	$\frac{149}{1260}$	$\frac{9}{70}$	$\frac{61}{210}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
63090	1111	108	$\frac{7}{108}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{108}^{10}\ \Phi_{54}^{10}\ \Phi_{36}^{11}\ \Phi_{27}^{10}\ \Phi_{18}^{11}\ \Phi_{12}^{11}\ \Phi_{9}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{11}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
63091	1111	1560	$\frac{3}{104}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{15}\ \Phi_{13}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
63092	1111	105	$\frac{4}{105}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{105}^{11}\ \Phi_{35}^{11}\ \Phi_{21}^{11}\ \Phi_{15}^{7}\ \Phi_{7}^{11}\ \Phi_{5}^{10}\ \Phi_{3}^{7}\ \Phi_{1}^{11}$
63093	1111	375	$\frac{1}{25}$	$\frac{24}{125}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{375}^{5}\ \Phi_{125}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
63094	1111	120	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{120}^{11}\ \Phi_{60}^{6}\ \Phi_{40}^{11}\ \Phi_{30}^{6}\ \Phi_{24}^{11}\ \Phi_{20}^{10}\ \Phi_{15}^{7}\ \Phi_{12}^{6}\ \Phi_{10}^{10}\ \Phi_{8}^{11}\ \Phi_{6}^{6}\ \Phi_{5}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
63095	1111	330	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{330}^{5}\ \Phi_{165}^{5}\ \Phi_{110}\ \Phi_{66}^{5}\ \Phi_{55}\ \Phi_{33}^{5}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}$
63096	1111	1200	$\frac{89}{1200}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
63097	1111	1440	$\frac{31}{360}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{329}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
63098	1111	1440	$\frac{31}{360}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{329}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
63099	1111	120	$\frac{1}{12}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{120}^{11}\ \Phi_{60}^{11}\ \Phi_{40}^{11}\ \Phi_{30}^{11}\ \Phi_{20}^{11}\ \Phi_{15}^{11}\ \Phi_{12}^{5}\ \Phi_{10}^{11}\ \Phi_{6}^{4}\ \Phi_{5}^{11}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
63100	1111	1400	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{350}$	$\frac{289}{1400}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{280}\ \Phi_{200}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
63101	1111	1260	$\frac{149}{1260}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{180}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
63102	1111	1296	$\frac{5}{36}$	$\frac{185}{1296}$	$\frac{31}{216}$	$\frac{1}{6}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
63103	1112	831	$\frac{1}{277}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{138}{277}$	$\Phi_{831}\ \Phi_{277}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
63104	1112	1111	$\frac{5}{1111}$	$\frac{279}{1111}$	$\frac{416}{1111}$	$\frac{553}{1111}$	$\Phi_{1111}\ \Phi_{101}\ \Phi_{11}\ \Phi_{1}^{2}$
63105	1112	1671	$\frac{3}{557}$	$\frac{140}{557}$	$\frac{1}{3}$	$\frac{277}{557}$	Φ_{1671}
63106	1112	1932	$\frac{1}{138}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{137}{276}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{276}^{2}\ \Phi_{92}^{2}\ \Phi_{84}\ \Phi_{28}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
63107	1112	1380	$\frac{1}{138}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{137}{276}$	$\Phi_{1380}^{2}\ \Phi_{460}^{2}\ \Phi_{60}^{2}\ \Phi_{20}^{2}\ \Phi_{15}$
63108	1112	505	$\frac{1}{101}$	$\frac{51}{505}$	$\frac{227}{505}$	$\frac{50}{101}$	$\Phi_{505}^{2}\ \Phi_{101}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
63109	1112	930	$\frac{1}{93}$	$\frac{1}{5}$	$\frac{47}{186}$	$\frac{46}{93}$	$\Phi_{930}^{2}\ \Phi_{465}\ \Phi_{310}^{2}\ \Phi_{155}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{10}^{2}$
63110	1112	275	$\frac{3}{275}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{136}{275}$	$\Phi_{275}^{4}\ \Phi_{55}^{4}\ \Phi_{25}^{4}\ \Phi_{11}^{5}\ \Phi_{5}^{4}\ \Phi_{1}^{6}$
63111	1112	1089	$\frac{23}{1089}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{533}{1089}$	$\Phi_{1089}\ \Phi_{363}\ \Phi_{121}\ \Phi_{99}\ \Phi_{33}^{2}\ \Phi_{11}\ \Phi_{9}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
63112	1112	2448	$\frac{3}{136}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{133}{272}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
63113	1112	187	$\frac{5}{187}$	$\frac{1}{11}$	$\frac{48}{187}$	$\frac{91}{187}$	$\Phi_{187}^{6}\ \Phi_{17}^{6}\ \Phi_{11}^{5}\ \Phi_{1}^{6}$
63114	1112	270	$\frac{4}{135}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{131}{270}$	$\Phi_{270}^{8}\ \Phi_{90}^{8}\ \Phi_{54}^{8}\ \Phi_{45}\ \Phi_{30}^{8}\ \Phi_{18}^{8}\ \Phi_{15}\ \Phi_{10}^{8}\ \Phi_{6}^{8}\ \Phi_{2}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
63115	1112	303	$\frac{3}{101}$	$\frac{25}{303}$	$\frac{26}{101}$	$\frac{49}{101}$	$\Phi_{303}^{4}\ \Phi_{101}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
63116	1112	155	$\frac{1}{31}$	$\frac{16}{155}$	$\frac{1}{5}$	$\frac{15}{31}$	$\Phi_{155}^{7}\ \Phi_{31}^{8}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
63117	1112	504	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{29}{168}$	$\frac{27}{56}$	$\Phi_{504}^{2}\ \Phi_{252}^{3}\ \Phi_{168}\ \Phi_{126}^{3}\ \Phi_{84}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{3}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{3}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{18}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
63118	1112	2394	$\frac{6}{133}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{127}{266}$	$\Phi_{2394}\ \Phi_{798}\ \Phi_{342}\ \Phi_{126}\ \Phi_{114}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{6}$
63119	1112	1440	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{21}{160}$	$\frac{19}{40}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
63120	1112	264	$\frac{7}{132}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{125}{264}$	$\Phi_{264}^{8}\ \Phi_{88}^{8}\ \Phi_{33}^{2}\ \Phi_{24}^{8}\ \Phi_{11}\ \Phi_{8}^{8}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
63121	1112	2340	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{121}{260}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{180}\ \Phi_{156}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
63122	1112	825	$\frac{6}{275}$	$\frac{1}{11}$	$\frac{269}{825}$	$\frac{5}{11}$	$\Phi_{825}^{2}\ \Phi_{165}^{2}\ \Phi_{75}^{2}\ \Phi_{33}^{2}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
63123	1112	143	$\frac{4}{143}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{143}^{8}\ \Phi_{13}^{8}\ \Phi_{11}^{5}\ \Phi_{1}^{6}$
63124	1112	165	$\frac{3}{55}$	$\frac{1}{11}$	$\frac{26}{165}$	$\frac{5}{11}$	$\Phi_{165}^{8}\ \Phi_{55}^{4}\ \Phi_{33}^{8}\ \Phi_{15}^{8}\ \Phi_{11}^{5}\ \Phi_{5}^{4}\ \Phi_{3}^{8}\ \Phi_{1}^{6}$
63125	1112	605	$\frac{49}{605}$	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{5}{11}$	$\Phi_{605}^{2}\ \Phi_{121}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
63126	1112	252	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{9}$	$\frac{113}{252}$	$\Phi_{252}^{8}\ \Phi_{126}\ \Phi_{84}^{8}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}^{8}\ \Phi_{28}^{8}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}^{8}\ \Phi_{6}\ \Phi_{4}^{8}$
63127	1112	720	$\frac{5}{144}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{80}^{2}\ \Phi_{60}^{2}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{10}^{2}$
63128	1112	1240	$\frac{1}{31}$	$\frac{15}{124}$	$\frac{1}{5}$	$\frac{109}{248}$	$\Phi_{1240}^{2}\ \Phi_{155}\ \Phi_{40}^{2}$
63129	1112	987	$\frac{2}{141}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{987}\ \Phi_{329}\ \Phi_{141}^{2}\ \Phi_{47}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
63130	1112	1449	$\frac{1}{69}$	$\frac{1}{7}$	$\frac{68}{207}$	$\frac{3}{7}$	$\Phi_{1449}\ \Phi_{207}^{2}\ \Phi_{63}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
63131	1112	1288	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{45}{184}$	$\frac{3}{7}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{184}^{2}\ \Phi_{92}^{2}\ \Phi_{56}\ \Phi_{28}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
63132	1112	1008	$\frac{5}{144}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}^{2}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}^{2}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{28}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
63133	1112	161	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{161}^{7}\ \Phi_{23}^{6}\ \Phi_{7}^{8}\ \Phi_{1}^{8}$
63134	1112	297	$\frac{19}{297}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{297}^{4}\ \Phi_{99}^{4}\ \Phi_{33}^{2}\ \Phi_{27}^{4}\ \Phi_{11}\ \Phi_{9}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
63135	1112	720	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{19}{120}$	$\frac{101}{240}$	$\Phi_{720}^{3}\ \Phi_{240}^{2}\ \Phi_{180}\ \Phi_{144}^{3}\ \Phi_{90}\ \Phi_{80}^{2}\ \Phi_{60}\ \Phi_{48}^{2}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{16}^{2}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
63136	1112	935	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{177}{935}$	$\frac{379}{935}$	$\Phi_{935}\ \Phi_{187}^{2}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}^{2}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
63137	1112	909	$\frac{1}{101}$	$\frac{203}{909}$	$\frac{100}{303}$	$\frac{353}{909}$	$\Phi_{909}\ \Phi_{303}^{2}\ \Phi_{101}\ \Phi_{9}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
63138	1112	2016	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{27}{112}$	$\frac{85}{224}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{252}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
63139	1112	202	$\frac{1}{101}$	$\frac{25}{101}$	$\frac{63}{202}$	$\frac{38}{101}$	$\Phi_{202}^{8}\ \Phi_{101}^{3}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
63140	1112	144	$\frac{5}{144}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{144}^{8}\ \Phi_{72}^{7}\ \Phi_{48}^{8}\ \Phi_{36}^{8}\ \Phi_{24}^{7}\ \Phi_{18}^{8}\ \Phi_{16}^{8}\ \Phi_{12}^{8}\ \Phi_{9}^{7}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
63141	1112	630	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{34}{105}$	$\frac{71}{210}$	$\Phi_{630}^{3}\ \Phi_{315}\ \Phi_{210}^{2}\ \Phi_{126}^{3}\ \Phi_{105}\ \Phi_{90}^{3}\ \Phi_{70}^{2}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}^{2}\ \Phi_{30}^{2}\ \Phi_{21}\ \Phi_{18}^{3}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
63142	1112	420	$\frac{1}{140}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{2}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{70}^{2}\ \Phi_{60}^{3}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{28}^{2}\ \Phi_{21}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
63143	1112	705	$\frac{2}{141}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{705}^{2}\ \Phi_{235}^{2}\ \Phi_{15}$
63144	1112	1035	$\frac{1}{69}$	$\frac{1}{5}$	$\frac{68}{207}$	$\frac{1}{3}$	$\Phi_{1035}^{2}\ \Phi_{45}^{2}\ \Phi_{15}$
63145	1112	2760	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{45}{184}$	$\frac{1}{3}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{120}\ \Phi_{60}\ \Phi_{15}$
63146	1112	345	$\frac{2}{69}$	$\frac{67}{345}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{345}^{3}\ \Phi_{115}^{3}\ \Phi_{69}^{4}\ \Phi_{23}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
63147	1112	720	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{80}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{15}$
63148	1112	2415	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{105}\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
63149	1112	612	$\frac{3}{68}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{65}{204}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}\ \Phi_{153}^2\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{36}^3\ \Phi_{34}^2\ \Phi_{18}^3\ \Phi_{17}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63150	1112	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{41}{180}$	$\frac{19}{60}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^7\ \Phi_{45}^6\ \Phi_{36}^6\ \Phi_{30}^7\ \Phi_{20}^6\ \Phi_{18}^6\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}^6\ \Phi_9^5\ \Phi_6^7\ \Phi_5^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
63151	1112	405	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{127}{405}$	$\Phi_{405}^4\ \Phi_{81}^4\ \Phi_{45}\ \Phi_{15}$
63152	1112	504	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{29}{168}$	$\frac{13}{42}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^2\ \Phi_{126}\ \Phi_{84}^2\ \Phi_{72}^3\ \Phi_{63}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2$
63153	1112	363	$\frac{23}{363}$	$\frac{1}{11}$	$\frac{85}{363}$	$\frac{10}{33}$	$\Phi_{363}^3\ \Phi_{121}^3\ \Phi_{33}^4\ \Phi_{11}^3\ \Phi_3^4\ \Phi_1^4$
63154	1112	297	$\frac{19}{297}$	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{297}^4\ \Phi_{99}^3\ \Phi_{33}^4\ \Phi_{27}^4\ \Phi_{11}^3\ \Phi_9^3\ \Phi_3^4\ \Phi_1^4$
63155	1112	198	$\frac{1}{11}$	$\frac{7}{66}$	$\frac{5}{33}$	$\frac{59}{198}$	$\Phi_{198}^8\ \Phi_{99}^8\ \Phi_{33}^2\ \Phi_{18}^8\ \Phi_{11}\ \Phi_9^8\ \Phi_3^2\ \Phi_1^2$
63156	1112	1485	$\frac{19}{297}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{165}\ \Phi_{55}\ \Phi_{45}\ \Phi_{15}$
63157	1112	450	$\frac{11}{150}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{450}^3\ \Phi_{225}^3\ \Phi_{150}^2\ \Phi_{90}^3\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
63158	1112	930	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{15}{62}$	$\frac{47}{186}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{155}\ \Phi_{30}^2\ \Phi_{15}^2$
63159	1112	180	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{41}{180}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^8\ \Phi_{45}\ \Phi_{36}^8\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{18}^8\ \Phi_{15}\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_6^8\ \Phi_4^8\ \Phi_2^8$
63160	1112	165	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{26}{165}$	$\frac{7}{33}$	$\Phi_{165}^8\ \Phi_{55}^8\ \Phi_{33}^2\ \Phi_{15}^8\ \Phi_{11}\ \Phi_5^8\ \Phi_3^2\ \Phi_1^2$
63161	1112	315	$\frac{1}{9}$	$\frac{37}{315}$	$\frac{8}{45}$	$\frac{1}{5}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{45}\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}\ \Phi_7^4$
63162	1112	810	$\frac{1}{9}$	$\frac{23}{162}$	$\frac{4}{27}$	$\frac{1}{5}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{90}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
63163	1113	1476	$\frac{2}{369}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{367}{738}$	$\Phi_{1476}\ \Phi_{492}\ \Phi_{369}\ \Phi_{164}\ \Phi_{123}\ \Phi_{41}\ \Phi_{36}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
63164	1113	948	$\frac{1}{158}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{157}{316}$	$\Phi_{474}^2\ \Phi_{316}\ \Phi_{237}^2\ \Phi_{158}^2\ \Phi_{79}^2\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
63165	1113	2844	$\frac{1}{158}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{157}{316}$	$\Phi_{2844}\ \Phi_{316}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
63166	1113	496	$\frac{1}{124}$	$\frac{1}{4}$	$\frac{125}{496}$	$\frac{123}{248}$	$\Phi_{496}^3\ \Phi_{124}^3\ \Phi_{62}^3\ \Phi_{31}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
63167	1113	736	$\frac{3}{368}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{365}{736}$	$\Phi_{736}^3\ \Phi_{32}^3\ \Phi_{16}\ \Phi_1$
63168	1113	736	$\frac{3}{368}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{365}{736}$	$\Phi_{736}^3\ \Phi_{32}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
63169	1113	732	$\frac{5}{366}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{361}{732}$	$\Phi_{732}\ \Phi_{366}^2\ \Phi_{244}\ \Phi_{183}^2\ \Phi_{122}^2\ \Phi_{61}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
63170	1113	520	$\frac{1}{52}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{51}{104}$	$\Phi_{260}^4\ \Phi_{130}^4\ \Phi_{104}\ \Phi_{65}^4\ \Phi_{52}^4\ \Phi_{40}\ \Phi_{26}^4\ \Phi_{20}^4\ \Phi_{13}^4\ \Phi_{10}^4\ \Phi_8^2\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
63171	1113	520	$\frac{1}{52}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{51}{104}$	$\Phi_{520}^4\ \Phi_{104}^5\ \Phi_{40}^4\ \Phi_{10}^2\ \Phi_8^5\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
63172	1113	104	$\frac{1}{52}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{51}{104}$	$\Phi_{104}^9\ \Phi_{52}^{12}\ \Phi_{26}^{12}\ \Phi_{13}^{12}\ \Phi_8^{12}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
63173	1113	2600	$\frac{1}{52}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{51}{104}$	$\Phi_{2600}\ \Phi_{200}\ \Phi_{104}\ \Phi_{25}\ \Phi_8\ \Phi_1$
63174	1113	2176	$\frac{25}{1088}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1063}{2176}$	$\Phi_{2176}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
63175	1113	1240	$\frac{3}{124}$	$\frac{127}{1240}$	$\frac{1}{4}$	$\frac{121}{248}$	$\Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{155}\ \Phi_{124}\ \Phi_{62}\ \Phi_{40}\ \Phi_{31}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
63176	1113	1240	$\frac{4}{155}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{151}{310}$	$\Phi_{1240}\ \Phi_{620}\ \Phi_{248}\ \Phi_{155}\ \Phi_{124}\ \Phi_{40}^2\ \Phi_{31}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
63177	1113	720	$\frac{11}{360}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{349}{720}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{144}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
63178	1113	720	$\frac{11}{360}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{349}{720}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{144}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{10}\ \Phi_5\ \Phi_1$
63179	1113	64	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{11}{64}$	$\frac{31}{64}$	$\Phi_{64}^{14}\ \Phi_{32}^{21}\ \Phi_{16}^{21}\ \Phi_8^{20}\ \Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^{21}$
63180	1113	1122	$\frac{2}{51}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{374}\ \Phi_{187}\ \Phi_{66}^2\ \Phi_{51}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{17}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
63181	1113	1280	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{167}{1280}$	$\frac{153}{320}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{256}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
63182	1113	304	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{145}{304}$	$\Phi_{304}^7\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
63183	1113	1560	$\frac{1}{26}$	$\frac{1}{20}$	$\frac{25}{78}$	$\frac{19}{40}$	$\Phi_{1560}^2\ \Phi_{312}^2\ \Phi_{120}^2\ \Phi_{78}\ \Phi_{40}\ \Phi_{39}\ \Phi_{24}^2\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
63184	1113	280	$\frac{1}{20}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^5\ \Phi_{40}\ \Phi_{35}^4\ \Phi_{28}^5\ \Phi_{20}^4\ \Phi_{14}^5\ \Phi_{10}^4\ \Phi_8^2\ \Phi_7^5\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
63185	1113	520	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{19}{40}$	$\Phi_{520}^4\ \Phi_{104}^4\ \Phi_{65}\ \Phi_{40}^5\ \Phi_8^5\ \Phi_5\ \Phi_1$
63186	1113	792	$\frac{1}{22}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{792}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
63187	1113	200	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{47}{100}$	$\Phi_{200}^6\ \Phi_{100}^3\ \Phi_{50}^6\ \Phi_{40}^8\ \Phi_{25}^6\ \Phi_{20}^5\ \Phi_{10}^7\ \Phi_8^7\ \Phi_5^7\ \Phi_4^4\ \Phi_2^6\ \Phi_1^7$
63188	1113	2080	$\frac{73}{1040}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{967}{2080}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
63189	1113	384	$\frac{13}{384}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
63190	1113	1364	$\frac{1}{31}$	$\frac{30}{341}$	$\frac{1}{4}$	$\frac{311}{682}$	$\Phi_{1364}\ \Phi_{341}\ \Phi_{124}^2\ \Phi_{62}\ \Phi_{44}\ \Phi_{31}\ \Phi_{11}\ \Phi_4\ \Phi_1$
63191	1113	1056	$\frac{1}{22}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{1056}^2\ \Phi_{352}^2\ \Phi_{96}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
63192	1113	96	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{8}$	$\frac{43}{96}$	$\Phi_{96}^{21}\ \Phi_{32}^{21}\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
63193	1113	1984	$\frac{3}{124}$	$\frac{121}{992}$	$\frac{1}{4}$	$\frac{871}{1984}$	$\Phi_{1984}\ \Phi_{124}\ \Phi_{64}\ \Phi_{62}\ \Phi_{31}\ \Phi_1$
63194	1113	1472	$\frac{9}{368}$	$\frac{1}{8}$	$\frac{359}{1472}$	$\frac{7}{16}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
63195	1113	384	$\frac{13}{384}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
63196	1113	280	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{19}{140}$	$\frac{121}{280}$	$\Phi_{280}^3\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^3\ \Phi_{40}^7\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{20}^7\ \Phi_{14}^4\ \Phi_{10}^7\ \Phi_8^6\ \Phi_7^4\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
63197	1113	640	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{51}{320}$	$\frac{269}{640}$	$\Phi_{640}^3\ \Phi_{160}\ \Phi_{128}^3\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
63198	1113	948	$\frac{1}{79}$	$\frac{1}{6}$	$\frac{26}{79}$	$\frac{5}{12}$	$\Phi_{948}^2\ \Phi_{316}^2\ \Phi_{79}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
63199	1113	108	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{108}^8\ \Phi_{54}^{13}\ \Phi_{36}^8\ \Phi_{27}^{13}\ \Phi_{18}^{13}\ \Phi_{12}^7\ \Phi_9^{13}\ \Phi_6^{11}\ \Phi_4^6\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
63200	1113	660	$\frac{1}{22}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
63201	1113	990	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{18}\ \Phi_{15}\ \Phi_{11}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
63202	1113	620	$\frac{1}{62}$	$\frac{61}{310}$	$\frac{1}{4}$	$\frac{249}{620}$	$\Phi_{620}\ \Phi_{310}^2\ \Phi_{155}^2\ \Phi_{124}^3\ \Phi_{62}^3\ \Phi_{31}^3\ \Phi_{20}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
63203	1113	375	$\frac{4}{375}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{375}^3\ \Phi_{125}^3\ \Phi_{75}^3\ \Phi_{25}^3\ \Phi_{15}^2\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
63204	1113	384	$\frac{13}{384}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^3\ \Phi_{96}^3\ \Phi_{64}^2\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
63205	1113	256	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{31}{128}$	$\frac{97}{256}$	$\Phi_{256}^7\ \Phi_{32}^7\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
63206	1113	376	$\frac{5}{376}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{376}^3\ \Phi_{188}^3\ \Phi_{94}^3\ \Phi_{47}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
63207	1113	417	$\frac{4}{139}$	$\frac{46}{417}$	$\frac{45}{139}$	$\frac{47}{139}$	$\Phi_{417}^3\ \Phi_{139}^2\ \Phi_3^3\ \Phi_1^3$
63208	1113	80	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{13}{40}$	$\frac{27}{80}$	$\Phi_{80}^{21}\ \Phi_{40}^7\ \Phi_{20}^7\ \Phi_{16}^{21}\ \Phi_{10}^7\ \Phi_8^6\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
63209	1113	1116	$\frac{1}{93}$	$\frac{1}{4}$	$\frac{92}{279}$	$\frac{187}{558}$	$\Phi_{1116}\ \Phi_{372}^2\ \Phi_{279}\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{93}\ \Phi_{62}\ \Phi_{36}\ \Phi_{31}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
63210	1113	556	$\frac{1}{139}$	$\frac{46}{139}$	$\frac{185}{556}$	$\frac{93}{278}$	$\Phi_{556}^3\ \Phi_{139}^2\ \Phi_4^3\ \Phi_1^3$
63211	1113	711	$\frac{1}{79}$	$\frac{2}{9}$	$\frac{26}{79}$	$\frac{1}{3}$	$\Phi_{711}^2\ \Phi_{79}^2\ \Phi_9^3\ \Phi_1^3$
63212	1113	492	$\frac{2}{123}$	$\frac{121}{492}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{492}^2\ \Phi_{246}^2\ \Phi_{164}^2\ \Phi_{123}^3\ \Phi_{82}^2\ \Phi_{41}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
63213	1113	108	$\frac{1}{54}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{108}^{14}\ \Phi_{54}^7\ \Phi_{36}^{13}\ \Phi_{27}^7\ \Phi_{18}^6\ \Phi_{12}^{14}\ \Phi_9^7\ \Phi_6^7\ \Phi_4^{13}\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
63214	1113	552	$\frac{3}{184}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{181}{552}$	$\Phi_{552}^3\ \Phi_{276}^3\ \Phi_{138}^3\ \Phi_{69}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
63215	1113	390	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{25}{78}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{78}^5\ \Phi_{39}^5\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^2\ \Phi_6^5\ \Phi_5^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
63216	1113	312	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{25}{78}$	$\Phi_{312}^6\ \Phi_{156}^4\ \Phi_{78}^5\ \Phi_{39}^5\ \Phi_{24}^6\ \Phi_{12}^4\ \Phi_8^3\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
63217	1113	1950	$\frac{1}{26}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{25}{78}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{150}\ \Phi_{78}\ \Phi_{75}\ \Phi_{39}\ \Phi_{25}\ \Phi_6\ \Phi_3\ \Phi_1$
63218	1113	78	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{5}{26}$	$\frac{25}{78}$	$\Phi_{78}^{13}\ \Phi_{39}^{13}\ \Phi_{26}^{17}\ \Phi_{13}^{17}\ \Phi_6^{12}\ \Phi_3^{12}\ \Phi_2^{16}\ \Phi_1^{17}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
63219	1113	480	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{109}{480}$	$\frac{51}{160}$	$\Phi_{480}^3\,\Phi_{240}^3\,\Phi_{160}\,\Phi_{120}^3\,\Phi_{96}^3\,\Phi_{80}\,\Phi_{60}^3\,\Phi_{48}^3\,\Phi_{40}\,\Phi_{32}\,\Phi_{30}^3\,\Phi_{24}^3\,\Phi_{20}\,\Phi_{16}\,\Phi_{15}^3\,\Phi_{12}^3\,\Phi_{10}\,\Phi_6^3\,\Phi_5\,\Phi_3^3\,\Phi_1$
63220	1113	544	$\frac{25}{544}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{173}{544}$	$\Phi_{544}^2\,\Phi_{272}^2\,\Phi_{136}^2\,\Phi_{68}^2\,\Phi_{34}^2\,\Phi_{32}^3\,\Phi_{17}^2\,\Phi_{16}^3\,\Phi_8^2\,\Phi_4^2\,\Phi_2^2\,\Phi_1^3$
63221	1113	540	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{169}{540}$	$\Phi_{540}^3\,\Phi_{270}^3\,\Phi_{135}^3\,\Phi_{108}^3\,\Phi_{54}^3\,\Phi_{27}^3\,\Phi_{12}^3\,\Phi_6^3\,\Phi_4^2\,\Phi_3^3\,\Phi_2^2\,\Phi_1^3$
63222	1113	64	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{11}{64}$	$\frac{5}{16}$	$\Phi_{64}^{21}\,\Phi_{32}^{21}\,\Phi_{16}^7\,\Phi_8^6\,\Phi_4^6\,\Phi_2^6\,\Phi_1^7$
63223	1113	396	$\frac{25}{396}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{396}^3\,\Phi_{198}^3\,\Phi_{132}^3\,\Phi_{99}^3\,\Phi_{66}^3\,\Phi_{44}^3\,\Phi_{33}^3\,\Phi_{22}^3\,\Phi_{12}^3\,\Phi_{11}^3\,\Phi_6^3\,\Phi_4^2\,\Phi_3^3\,\Phi_2^2\,\Phi_1^3$
63224	1113	280	$\frac{3}{56}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{280}^4\,\Phi_{140}^4\,\Phi_{70}^4\,\Phi_{56}^5\,\Phi_{40}^4\,\Phi_{35}^4\,\Phi_{28}^5\,\Phi_{14}^5\,\Phi_{10}^2\,\Phi_8^5\,\Phi_7^5\,\Phi_5^2\,\Phi_2^2\,\Phi_1^3$
63225	1113	130	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{12}{65}$	$\frac{3}{10}$	$\Phi_{130}^8\,\Phi_{65}^9\,\Phi_{26}^8\,\Phi_{13}^8\,\Phi_{10}^{10}\,\Phi_5^{11}\,\Phi_2^{10}\,\Phi_1^{11}$
63226	1113	120	$\frac{1}{10}$	$\frac{7}{60}$	$\frac{1}{8}$	$\frac{3}{10}$	$\Phi_{120}^{12}\,\Phi_{60}^9\,\Phi_{40}^8\,\Phi_{30}^9\,\Phi_{24}^{12}\,\Phi_{20}^5\,\Phi_{15}^9\,\Phi_{12}^9\,\Phi_{10}^7\,\Phi_8^7\,\Phi_6^9\,\Phi_5^7\,\Phi_4^4\,\Phi_3^9\,\Phi_2^6\,\Phi_1^7$
63227	1113	139	$\frac{6}{139}$	$\frac{19}{139}$	$\frac{33}{139}$	$\frac{40}{139}$	$\Phi_{139}^8\,\Phi_1^9$
63228	1113	400	$\frac{29}{400}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{400}^3\,\Phi_{200}^3\,\Phi_{100}^3\,\Phi_{80}^3\,\Phi_{50}^3\,\Phi_{40}\,\Phi_{25}^3\,\Phi_{20}\,\Phi_{16}^3\,\Phi_{10}\,\Phi_5\,\Phi_1$
63229	1113	792	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{792}^2\,\Phi_{396}^2\,\Phi_{198}^2\,\Phi_{99}^2\,\Phi_{72}\,\Phi_{66}^2\,\Phi_{36}\,\Phi_{33}^2\,\Phi_{22}\,\Phi_{18}\,\Phi_{11}\,\Phi_9\,\Phi_6\,\Phi_3\,\Phi_1$
63230	1113	496	$\frac{3}{124}$	$\frac{121}{496}$	$\frac{1}{4}$	$\frac{125}{496}$	$\Phi_{496}^2\,\Phi_{248}^2\,\Phi_{124}^3\,\Phi_{62}^3\,\Phi_{31}^3\,\Phi_{16}^2\,\Phi_8^2\,\Phi_4^2\,\Phi_2^2\,\Phi_1^3$
63231	1113	460	$\frac{3}{92}$	$\frac{89}{460}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{460}^3\,\Phi_{230}^3\,\Phi_{115}^3\,\Phi_{20}^3\,\Phi_{10}^3\,\Phi_5^3\,\Phi_4^2\,\Phi_2^2\,\Phi_1^3$
63232	1113	384	$\frac{13}{384}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{384}^3\,\Phi_{192}^3\,\Phi_{128}^3\,\Phi_{96}^3\,\Phi_{64}^3\,\Phi_{48}^3\,\Phi_{32}^3\,\Phi_{24}^3\,\Phi_{12}^3\,\Phi_6^3\,\Phi_4^2\,\Phi_3^3\,\Phi_2^2\,\Phi_1^3$
63233	1113	56	$\frac{3}{56}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{56}^{21}\,\Phi_{28}^{21}\,\Phi_{14}^{21}\,\Phi_8^{12}\,\Phi_7^{21}\,\Phi_4^{14}\,\Phi_2^{14}\,\Phi_1^{15}$
63234	1113	208	$\frac{3}{52}$	$\frac{1}{8}$	$\frac{49}{208}$	$\frac{1}{4}$	$\Phi_{208}^7\,\Phi_{104}^3\,\Phi_{52}^4\,\Phi_{26}^4\,\Phi_{16}^7\,\Phi_{13}^4\,\Phi_8^6\,\Phi_4^6\,\Phi_2^6\,\Phi_1^7$
63235	1113	480	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{109}{480}$	$\frac{1}{4}$	$\Phi_{480}^3\,\Phi_{240}^3\,\Phi_{160}^3\,\Phi_{96}^3\,\Phi_{80}^3\,\Phi_{48}^3\,\Phi_{32}^3\,\Phi_{16}^3\,\Phi_{12}^3\,\Phi_6^3\,\Phi_4^2\,\Phi_3^3\,\Phi_2^2\,\Phi_1^3$
63236	1113	1400	$\frac{3}{56}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1400}\,\Phi_{700}\,\Phi_{350}\,\Phi_{200}\,\Phi_{175}\,\Phi_{56}\,\Phi_{28}\,\Phi_{25}\,\Phi_{14}\,\Phi_8\,\Phi_7\,\Phi_1$
63237	1113	520	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{12}{65}$	$\frac{1}{4}$	$\Phi_{520}^3\,\Phi_{260}^2\,\Phi_{130}^2\,\Phi_{65}^3\,\Phi_{40}^3\,\Phi_{20}^2\,\Phi_{10}^2\,\Phi_8^3\,\Phi_5^3\,\Phi_4^2\,\Phi_2^2\,\Phi_1^3$
63238	1113	60	$\frac{1}{12}$	$\frac{7}{60}$	$\frac{11}{60}$	$\frac{1}{4}$	$\Phi_{60}^{18}\,\Phi_{30}^{18}\,\Phi_{20}^{18}\,\Phi_{15}^{18}\,\Phi_{12}^{21}\,\Phi_{10}^{18}\,\Phi_6^{21}\,\Phi_5^{18}\,\Phi_4^{20}\,\Phi_3^{21}\,\Phi_2^{20}\,\Phi_1^{21}$
63239	1113	432	$\frac{1}{12}$	$\frac{61}{432}$	$\frac{11}{72}$	$\frac{1}{4}$	$\Phi_{432}^3\,\Phi_{216}^3\,\Phi_{144}^3\,\Phi_{108}^3\,\Phi_{54}^3\,\Phi_{48}^3\,\Phi_{27}^3\,\Phi_{16}^3\,\Phi_{12}^3\,\Phi_6^3\,\Phi_4^2\,\Phi_3^3\,\Phi_2^2\,\Phi_1^3$
63240	1113	480	$\frac{11}{120}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{109}{480}$	$\Phi_{480}^3\,\Phi_{240}^3\,\Phi_{160}^3\,\Phi_{96}^3\,\Phi_{80}^3\,\Phi_{48}^3\,\Phi_{40}\,\Phi_{32}^3\,\Phi_{20}\,\Phi_{16}^3\,\Phi_{10}\,\Phi_5\,\Phi_1$
63241	1113	200	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{50}$	$\frac{41}{200}$	$\Phi_{200}^5\,\Phi_{100}^5\,\Phi_{50}^6\,\Phi_{40}^7\,\Phi_{25}^6\,\Phi_{20}^7\,\Phi_{10}^7\,\Phi_8^6\,\Phi_5^7\,\Phi_4^6\,\Phi_2^6\,\Phi_1^7$
63242	1113	325	$\frac{1}{13}$	$\frac{4}{25}$	$\frac{12}{65}$	$\frac{1}{5}$	$\Phi_{325}^4\,\Phi_{65}\,\Phi_{25}^5\,\Phi_5\,\Phi_1$
63243	1114	1110	$\frac{2}{555}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{553}{1110}$	$\Phi_{1110}^2\,\Phi_{370}^2\,\Phi_{222}^2\,\Phi_{74}^2\,\Phi_{30}^2\,\Phi_{10}^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
63244	1114	744	$\frac{1}{186}$	$\frac{187}{744}$	$\frac{1}{3}$	$\frac{185}{372}$	$\Phi_{744}^2\,\Phi_{248}^2\,\Phi_{186}^2\,\Phi_{93}^2\,\Phi_{62}^2\,\Phi_{31}^2\,\Phi_{24}^2\,\Phi_8^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
63245	1114	954	$\frac{1}{159}$	$\frac{80}{477}$	$\frac{397}{954}$	$\frac{79}{159}$	$\Phi_{954}^2\,\Phi_{318}^2\,\Phi_{159}\,\Phi_{106}^2\,\Phi_{53}\,\Phi_{18}^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
63246	1114	1107	$\frac{7}{1107}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{550}{1107}$	$\Phi_{1107}\,\Phi_{369}\,\Phi_{123}\,\Phi_{41}\,\Phi_{27}\,\Phi_9^2\,\Phi_3\,\Phi_1^2$
63247	1114	1106	$\frac{4}{553}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{549}{1106}$	$\Phi_{1106}^2\,\Phi_{158}^2\,\Phi_{14}^2\,\Phi_7\,\Phi_2^2\,\Phi_1^2$
63248	1114	1104	$\frac{5}{552}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{547}{1104}$	$\Phi_{1104}^2\,\Phi_{368}^2\,\Phi_{48}^2\,\Phi_{16}^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
63249	1114	1098	$\frac{8}{549}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{541}{1098}$	$\Phi_{1098}^2\,\Phi_{366}^2\,\Phi_{122}^2\,\Phi_{18}^2\,\Phi_9^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
63250	1114	1860	$\frac{1}{62}$	$\frac{63}{620}$	$\frac{1}{3}$	$\frac{61}{124}$	$\Phi_{1860}\,\Phi_{930}\,\Phi_{465}\,\Phi_{186}\,\Phi_{93}\,\Phi_{60}\,\Phi_{30}\,\Phi_{15}\,\Phi_6$
63251	1114	1060	$\frac{1}{53}$	$\frac{27}{530}$	$\frac{503}{1060}$	$\frac{26}{53}$	$\Phi_{1060}^2\,\Phi_{212}^2\,\Phi_{53}\,\Phi_{20}^2\,\Phi_4^2\,\Phi_1^2$
63252	1114	795	$\frac{1}{53}$	$\frac{27}{265}$	$\frac{238}{795}$	$\frac{26}{53}$	$\Phi_{795}^2\,\Phi_{159}^2\,\Phi_{53}\,\Phi_{15}^2\,\Phi_3^2\,\Phi_1^2$
63253	1114	636	$\frac{1}{53}$	$\frac{79}{636}$	$\frac{27}{106}$	$\frac{26}{53}$	$\Phi_{636}^2\,\Phi_{318}^2\,\Phi_{212}^2\,\Phi_{159}^2\,\Phi_{53}\,\Phi_{12}^2\,\Phi_6^2\,\Phi_4^2\,\Phi_3^2\,\Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
63254	1114	1092	$\frac{11}{546}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{535}{1092}$	$\Phi_{1092}^2\ \Phi_{364}^2\ \Phi_{156}^2\ \Phi_{84}^2\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
63255	1114	1092	$\frac{11}{546}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{535}{1092}$	$\Phi_{1092}^2\ \Phi_{364}^2\ \Phi_{156}^2\ \Phi_{84}^2\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
63256	1114	1085	$\frac{29}{1085}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{528}{1085}$	$\Phi_{1085}\ \Phi_{217}\ \Phi_{155}\ \Phi_{35}^2\ \Phi_{31}\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
63257	1114	672	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{115}{672}$	$\frac{109}{224}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
63258	1114	1080	$\frac{17}{540}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{523}{1080}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63259	1114	1071	$\frac{43}{1071}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{514}{1071}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}\ \Phi_{119}\ \Phi_{63}^2\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
63260	1114	1064	$\frac{25}{532}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{507}{1064}$	$\Phi_{1064}^2\ \Phi_{152}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
63261	1114	819	$\frac{11}{273}$	$\frac{1}{21}$	$\frac{262}{819}$	$\frac{10}{21}$	$\Phi_{819}^2\ \Phi_{117}^2\ \Phi_{63}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
63262	1114	588	$\frac{1}{21}$	$\frac{31}{588}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{84}^2\ \Phi_{49}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
63263	1114	756	$\frac{1}{21}$	$\frac{10}{189}$	$\frac{199}{756}$	$\frac{179}{378}$	$\Phi_{756}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
63264	1114	576	$\frac{19}{576}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63265	1114	3162	$\frac{1}{31}$	$\frac{30}{527}$	$\frac{1}{3}$	$\frac{497}{1054}$	$\Phi_{3162}\ \Phi_{186}\ \Phi_{102}\ \Phi_{93}\ \Phi_6$
63266	1114	1050	$\frac{32}{525}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{493}{1050}$	$\Phi_{1050}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{150}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
63267	1114	1023	$\frac{2}{93}$	$\frac{91}{1023}$	$\frac{1}{3}$	$\frac{466}{1023}$	$\Phi_{1023}\ \Phi_{341}\ \Phi_{93}^2\ \Phi_{33}\ \Phi_{31}^2\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
63268	1114	1008	$\frac{1}{21}$	$\frac{53}{504}$	$\frac{10}{63}$	$\frac{451}{1008}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{63}^2\ \Phi_{48}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
63269	1114	1008	$\frac{3}{56}$	$\frac{53}{504}$	$\frac{1}{7}$	$\frac{451}{1008}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
63270	1114	2976	$\frac{1}{62}$	$\frac{61}{496}$	$\frac{1}{3}$	$\frac{435}{992}$	$\Phi_{2976}\ \Phi_{186}\ \Phi_{96}\ \Phi_{93}\ \Phi_6$
63271	1114	980	$\frac{3}{70}$	$\frac{67}{490}$	$\frac{1}{7}$	$\frac{423}{980}$	$\Phi_{980}^2\ \Phi_{196}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
63272	1114	630	$\frac{1}{21}$	$\frac{73}{630}$	$\frac{10}{63}$	$\frac{53}{126}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
63273	1114	564	$\frac{7}{564}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{564}^2\ \Phi_{282}^2\ \Phi_{188}^2\ \Phi_{141}^2\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63274	1114	945	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{169}{945}$	$\frac{388}{945}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}^2\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
63275	1114	930	$\frac{1}{93}$	$\frac{92}{465}$	$\frac{1}{3}$	$\frac{373}{930}$	$\Phi_{930}^2\ \Phi_{310}^2\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63276	1114	896	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{109}{448}$	$\frac{339}{896}$	$\Phi_{896}^2\ \Phi_{128}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
63277	1114	840	$\frac{3}{140}$	$\frac{1}{7}$	$\frac{137}{420}$	$\frac{283}{840}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
63278	1114	837	$\frac{2}{279}$	$\frac{277}{837}$	$\frac{1}{3}$	$\frac{280}{837}$	$\Phi_{837}\ \Phi_{279}^2\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{27}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
63279	1114	666	$\frac{2}{111}$	$\frac{109}{666}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{666}^2\ \Phi_{333}^2\ \Phi_{222}^2\ \Phi_{74}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63280	1114	570	$\frac{13}{570}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{570}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{19}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63281	1114	828	$\frac{5}{276}$	$\frac{1}{6}$	$\frac{271}{828}$	$\frac{1}{3}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{207}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63282	1114	594	$\frac{1}{18}$	$\frac{37}{594}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63283	1114	810	$\frac{1}{18}$	$\frac{17}{270}$	$\frac{253}{810}$	$\frac{1}{3}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63284	1114	567	$\frac{10}{567}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{567}^2\ \Phi_{189}^2\ \Phi_{81}^2\ \Phi_{63}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
63285	1114	744	$\frac{1}{62}$	$\frac{61}{248}$	$\frac{187}{744}$	$\frac{1}{3}$	$\Phi_{744}\ \Phi_{372}\ \Phi_{248}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63286	1114	738	$\frac{7}{369}$	$\frac{2}{9}$	$\frac{181}{738}$	$\frac{1}{3}$	$\Phi_{738}^2\ \Phi_{369}\ \Phi_{246}^2\ \Phi_{123}\ \Phi_{82}^2\ \Phi_{41}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
63287	1114	720	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{163}{720}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63288	1114	576	$\frac{19}{576}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63289	1114	690	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{133}{690}$	$\frac{1}{3}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63290	1114	630	$\frac{1}{18}$	$\frac{73}{630}$	$\frac{17}{90}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63291	1114	648	$\frac{1}{18}$	$\frac{91}{648}$	$\frac{17}{108}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63292	1114	672	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{115}{672}$	$\frac{53}{168}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
63293	1114	630	$\frac{3}{35}$	$\frac{73}{630}$	$\frac{1}{7}$	$\frac{32}{105}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
63294	1114	756	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{53}{252}$	$\frac{199}{756}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{108}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
63295	1114	588	$\frac{31}{588}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{84}^2\ \Phi_{49}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
63296	1114	728	$\frac{11}{182}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{171}{728}$	$\Phi_{728}^2\ \Phi_{364}^2\ \Phi_{104}^2\ \Phi_{56}^2\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
63297	1114	700	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{32}{175}$	$\frac{143}{700}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
63298	1115	888	$\frac{1}{222}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{221}{444}$	$\Phi_{888}^2\ \Phi_{444}\ \Phi_{296}^2\ \Phi_{148}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
63299	1115	1320	$\frac{3}{220}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{217}{440}$	$\Phi_{1320}^2\ \Phi_{440}\ \Phi_{264}^2\ \Phi_{120}^2\ \Phi_{88}\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
63300	1115	1302	$\frac{6}{217}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{211}{434}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{217}\ \Phi_{186}\ \Phi_{93}\ \Phi_{42}^2\ \Phi_{31}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
63301	1115	768	$\frac{1}{32}$	$\frac{33}{256}$	$\frac{1}{6}$	$\frac{31}{64}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}\ \Phi_{128}\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
63302	1115	432	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{209}{432}$	$\Phi_{432}^5\ \Phi_{144}^5\ \Phi_{48}^5\ \Phi_{24}^2\ \Phi_{16}^5\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
63303	1115	420	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{197}{420}$	$\Phi_{420}^5\ \Phi_{140}^5\ \Phi_{84}^5\ \Phi_{60}^5\ \Phi_{42}^2\ \Phi_{28}^5\ \Phi_{21}^2\ \Phi_{20}^5\ \Phi_{14}\ \Phi_{12}^5\ \Phi_7\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
63304	1115	1248	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{1}{6}$	$\frac{193}{416}$	$\Phi_{1248}^2\ \Phi_{416}\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
63305	1115	1176	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{1}{6}$	$\frac{169}{392}$	$\Phi_{1176}^2\ \Phi_{392}\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
63306	1115	384	$\frac{1}{32}$	$\frac{31}{192}$	$\frac{1}{6}$	$\frac{161}{384}$	$\Phi_{384}^5\ \Phi_{128}^5\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
63307	1115	1800	$\frac{2}{225}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{120}\ \Phi_{75}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{25}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
63308	1115	2664	$\frac{1}{111}$	$\frac{1}{4}$	$\frac{110}{333}$	$\frac{3}{8}$	$\Phi_{2664}\ \Phi_{333}\ \Phi_{72}\ \Phi_9\ \Phi_8\ \Phi_1$
63309	1115	296	$\frac{1}{74}$	$\frac{73}{296}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{296}^3\ \Phi_{148}^5\ \Phi_{74}^4\ \Phi_{37}^4\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
63310	1115	456	$\frac{5}{228}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{456}^4\ \Phi_{228}\ \Phi_{152}^4\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
63311	1115	2072	$\frac{1}{37}$	$\frac{36}{259}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2072}\ \Phi_{259}\ \Phi_{56}\ \Phi_8\ \Phi_7\ \Phi_1$
63312	1115	336	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{55}{168}$	$\frac{113}{336}$	$\Phi_{336}^5\ \Phi_{168}^2\ \Phi_{112}^5\ \Phi_{84}^2\ \Phi_{56}\ \Phi_{48}^5\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{16}^5\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
63313	1115	288	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{65}{288}$	$\frac{31}{96}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^2\ \Phi_{72}^5\ \Phi_{48}^2\ \Phi_{36}^5\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{18}^5\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9^5\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
63314	1115	252	$\frac{1}{14}$	$\frac{29}{252}$	$\frac{1}{6}$	$\frac{13}{42}$	$\Phi_{252}^5\ \Phi_{126}^5\ \Phi_{84}^5\ \Phi_{63}^5\ \Phi_{42}^2\ \Phi_{36}^5\ \Phi_{28}^5\ \Phi_{21}^2\ \Phi_{18}^5\ \Phi_{14}\ \Phi_{12}^5\ \Phi_9^5\ \Phi_7\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
63315	1115	240	$\frac{17}{240}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{60}^5\ \Phi_{48}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^2\ \Phi_{20}^5\ \Phi_{16}^5\ \Phi_{15}^5\ \Phi_{12}^2\ \Phi_{10}^5\ \Phi_8\ \Phi_6\ \Phi_5^5\ \Phi_4\ \Phi_3\ \Phi_1$
63316	1115	264	$\frac{3}{44}$	$\frac{41}{264}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{264}^5\ \Phi_{132}^3\ \Phi_{88}^5\ \Phi_{66}^3\ \Phi_{44}^4\ \Phi_{33}^3\ \Phi_{24}^5\ \Phi_{22}^4\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
63317	1115	240	$\frac{17}{240}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{60}^3\ \Phi_{48}^5\ \Phi_{40}^5\ \Phi_{30}^3\ \Phi_{24}^5\ \Phi_{20}^4\ \Phi_{16}^5\ \Phi_{15}^3\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_8^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
63318	1115	288	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{65}{288}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^5\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{24}^2\ \Phi_{16}^5\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
63319	1115	840	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{70}$	$\frac{57}{280}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
63320	1116	1668	$\frac{1}{278}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{277}{556}$	$\Phi_{1668}\ \Phi_{556}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
63321	1116	446	$\frac{1}{223}$	$\frac{56}{223}$	$\frac{167}{446}$	$\frac{111}{223}$	$\Phi_{446}^4\ \Phi_{223}\ \Phi_2^4\ \Phi_1^2$
63322	1116	185	$\frac{1}{185}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{92}{185}$	$\Phi_{185}^6\ \Phi_{37}^6\ \Phi_5^7\ \Phi_1^8$
63323	1116	2220	$\frac{1}{185}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{92}{185}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{444}\ \Phi_{222}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
63324	1116	1115	$\frac{7}{1115}$	$\frac{187}{1115}$	$\frac{464}{1115}$	$\frac{554}{1115}$	$\Phi_{1115}\ \Phi_{223}\ \Phi_5\ \Phi_1^2$
63325	1116	1492	$\frac{3}{373}$	$\frac{1}{4}$	$\frac{94}{373}$	$\frac{185}{373}$	$\Phi_{1492}\ \Phi_{746}$
63326	1116	1115	$\frac{9}{1115}$	$\frac{278}{1115}$	$\frac{281}{1115}$	$\frac{553}{1115}$	$\Phi_{1115}\ \Phi_{223}\ \Phi_5\ \Phi_1^2$
63327	1116	1968	$\frac{1}{123}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{61}{123}$	$\Phi_{1968}\ \Phi_{656}\ \Phi_{123}\ \Phi_{48}\ \Phi_{41}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
63328	1116	492	$\frac{1}{123}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{61}{123}$	$\Phi_{492}^2\ \Phi_{246}^2\ \Phi_{164}^2\ \Phi_{123}^3\ \Phi_{82}^2\ \Phi_{41}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
63329	1116	1677	$\frac{5}{559}$	$\frac{94}{559}$	$\frac{1}{3}$	$\frac{277}{559}$	$\Phi_{1677}\ \Phi_{129}\ \Phi_{39}$
63330	1116	2024	$\frac{1}{92}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{91}{184}$	$\Phi_{2024}\ \Phi_{184}^2\ \Phi_{88}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
63331	1116	3864	$\frac{1}{92}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{91}{184}$	$\Phi_{3864}\ \Phi_{168}\ \Phi_{21}$
63332	1116	2024	$\frac{1}{92}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{91}{184}$	$\Phi_{2024}\ \Phi_{184}^2\ \Phi_{88}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
63333	1116	920	$\frac{1}{92}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{91}{184}$	$\Phi_{920}^3\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
63334	1116	1115	$\frac{13}{1115}$	$\frac{188}{1115}$	$\frac{309}{1115}$	$\frac{551}{1115}$	$\Phi_{1115}\ \Phi_{223}\ \Phi_5\ \Phi_1^2$
63335	1116	1492	$\frac{5}{373}$	$\frac{63}{373}$	$\frac{1}{4}$	$\frac{184}{373}$	$\Phi_{1492}\ \Phi_{746}$
63336	1116	550	$\frac{4}{275}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{271}{550}$	$\Phi_{550}^4\ \Phi_{110}^4\ \Phi_{50}^4\ \Phi_{22}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
63337	1116	1037	$\frac{1}{61}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{30}{61}$	$\Phi_{1037}\ \Phi_{61}^2\ \Phi_{17}^2\ \Phi_1^4$
63338	1116	1830	$\frac{1}{61}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{30}{61}$	$\Phi_{1830}\ \Phi_{915}\ \Phi_{366}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
63339	1116	1037	$\frac{1}{61}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{30}{61}$	$\Phi_{1037}\ \Phi_{61}^2\ \Phi_{17}^2\ \Phi_1^4$
63340	1116	1708	$\frac{1}{61}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{30}{61}$	$\Phi_{1708}\ \Phi_{854}\ \Phi_{28}^2\ \Phi_{14}^2$
63341	1116	1115	$\frac{19}{1115}$	$\frac{63}{1115}$	$\frac{526}{1115}$	$\frac{548}{1115}$	$\Phi_{1115}\ \Phi_{223}\ \Phi_5\ \Phi_1^2$
63342	1116	560	$\frac{1}{56}$	$\frac{19}{112}$	$\frac{1}{5}$	$\frac{55}{112}$	$\Phi_{560}^2\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{80}^2\ \Phi_{70}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^2$
63343	1116	546	$\frac{2}{91}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{89}{182}$	$\Phi_{546}^6\ \Phi_{78}^6\ \Phi_{42}^6\ \Phi_{39}\ \Phi_6^6$
63344	1116	910	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{89}{182}$	$\Phi_{910}^3\ \Phi_{130}^3\ \Phi_{70}^3\ \Phi_{35}\ \Phi_{10}^3$
63345	1116	223	$\frac{5}{223}$	$\frac{19}{223}$	$\frac{68}{223}$	$\frac{109}{223}$	$\Phi_{223}^5\ \Phi_1^6$
63346	1116	223	$\frac{5}{223}$	$\frac{37}{223}$	$\frac{38}{223}$	$\frac{109}{223}$	$\Phi_{223}^5\ \Phi_1^6$
63347	1116	903	$\frac{1}{43}$	$\frac{22}{301}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{903}^2\ \Phi_{129}\ \Phi_{21}^2$
63348	1116	250	$\frac{3}{125}$	$\frac{1}{10}$	$\frac{32}{125}$	$\frac{61}{125}$	$\Phi_{250}^5\ \Phi_{125}^4\ \Phi_{50}^5\ \Phi_{25}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
63349	1116	320	$\frac{1}{40}$	$\frac{41}{320}$	$\frac{1}{5}$	$\frac{39}{80}$	$\Phi_{320}^4\ \Phi_{160}^4\ \Phi_{64}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
63350	1116	2720	$\frac{7}{272}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{265}{544}$	$\Phi_{2720}\ \Phi_{160}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
63351	1116	1309	$\frac{5}{187}$	$\frac{1}{7}$	$\frac{32}{187}$	$\frac{91}{187}$	$\Phi_{1309}\ \Phi_{119}\ \Phi_{77}$
63352	1116	1115	$\frac{31}{1115}$	$\frac{154}{1115}$	$\frac{191}{1115}$	$\frac{542}{1115}$	$\Phi_{1115}\ \Phi_{223}\ \Phi_5\ \Phi_1^2$
63353	1116	420	$\frac{1}{35}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{17}{35}$	$\Phi_{420}^5\ \Phi_{140}^5\ \Phi_{84}^5\ \Phi_{60}^6\ \Phi_{35}\ \Phi_{28}^5\ \Phi_{20}^6\ \Phi_{12}^6\ \Phi_7\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
63354	1116	1155	$\frac{1}{35}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
63355	1116	315	$\frac{1}{35}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{17}{35}$	$\Phi_{315}^{5}\ \Phi_{63}^{5}\ \Phi_{45}^{6}\ \Phi_{35}\ \Phi_{9}^{6}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
63356	1116	280	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{17}{35}$	$\Phi_{280}^{5}\ \Phi_{140}^{5}\ \Phi_{56}^{5}\ \Phi_{40}^{6}\ \Phi_{35}\ \Phi_{28}^{5}\ \Phi_{20}^{6}\ \Phi_{8}^{6}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
63357	1116	35	$\frac{1}{35}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{17}{35}$	$\Phi_{35}^{32}\ \Phi_{7}^{32}\ \Phi_{5}^{31}\ \Phi_{1}^{32}$
63358	1116	1260	$\frac{1}{35}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{17}{35}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}^{2}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
63359	1116	1492	$\frac{11}{373}$	$\frac{32}{373}$	$\frac{1}{4}$	$\frac{181}{373}$	$\Phi_{1492}\ \Phi_{746}$
63360	1116	1115	$\frac{33}{1115}$	$\frac{92}{1115}$	$\frac{287}{1115}$	$\frac{541}{1115}$	$\Phi_{1115}\ \Phi_{223}\ \Phi_{5}\ \Phi_{1}^{2}$
63361	1116	1677	$\frac{17}{559}$	$\frac{32}{559}$	$\frac{1}{3}$	$\frac{271}{559}$	$\Phi_{1677}\ \Phi_{129}\ \Phi_{39}$
63362	1116	1140	$\frac{1}{30}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{1140}^{2}\ \Phi_{380}^{2}\ \Phi_{228}^{2}\ \Phi_{76}^{2}\ \Phi_{57}$
63363	1116	420	$\frac{1}{30}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{29}{60}$	$\Phi_{420}^{5}\ \Phi_{140}^{5}\ \Phi_{84}^{5}\ \Phi_{60}^{6}\ \Phi_{35}\ \Phi_{28}^{5}\ \Phi_{20}^{6}\ \Phi_{12}^{6}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
63364	1116	780	$\frac{1}{30}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{780}\ \Phi_{390}^{2}\ \Phi_{260}\ \Phi_{195}^{2}\ \Phi_{156}\ \Phi_{130}^{2}\ \Phi_{78}^{2}\ \Phi_{65}^{2}\ \Phi_{52}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{3}\ \Phi_{13}^{2}$
63365	1116	420	$\frac{1}{30}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{29}{60}$	$\Phi_{420}^{5}\ \Phi_{140}^{5}\ \Phi_{84}^{5}\ \Phi_{60}^{6}\ \Phi_{35}\ \Phi_{28}^{5}\ \Phi_{20}^{6}\ \Phi_{12}^{6}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
63366	1116	60	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{29}{60}$	$\Phi_{60}^{36}\ \Phi_{20}^{36}\ \Phi_{12}^{36}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{36}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
63367	1116	420	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{29}{60}$	$\Phi_{420}^{5}\ \Phi_{140}^{5}\ \Phi_{84}^{5}\ \Phi_{60}^{6}\ \Phi_{28}^{5}\ \Phi_{20}^{6}\ \Phi_{12}^{6}\ \Phi_{7}^{5}\ \Phi_{4}^{6}\ \Phi_{1}^{6}$
63368	1116	150	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{13}{75}$	$\frac{12}{25}$	$\Phi_{150}^{10}\ \Phi_{75}^{8}\ \Phi_{50}^{5}\ \Phi_{30}^{10}\ \Phi_{25}^{4}\ \Phi_{15}^{8}\ \Phi_{10}^{4}\ \Phi_{6}^{10}\ \Phi_{5}^{3}\ \Phi_{3}^{8}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
63369	1116	798	$\frac{1}{21}$	$\frac{1}{19}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{798}^{2}\ \Phi_{399}\ \Phi_{266}^{2}\ \Phi_{133}\ \Phi_{114}^{2}\ \Phi_{57}\ \Phi_{38}^{2}$
63370	1116	2660	$\frac{13}{266}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{253}{532}$	$\Phi_{2660}\ \Phi_{380}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
63371	1116	1232	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{83}{176}$	$\Phi_{1232}^{2}\ \Phi_{112}^{2}\ \Phi_{77}$
63372	1116	1632	$\frac{1}{32}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{96}^{2}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
63373	1116	238	$\frac{1}{17}$	$\frac{3}{34}$	$\frac{1}{7}$	$\frac{8}{17}$	$\Phi_{238}^{6}\ \Phi_{119}^{5}\ \Phi_{14}^{6}\ \Phi_{7}^{4}$
63374	1116	175	$\frac{2}{35}$	$\frac{11}{175}$	$\frac{1}{5}$	$\frac{82}{175}$	$\Phi_{175}^{6}\ \Phi_{35}^{8}\ \Phi_{25}^{6}\ \Phi_{7}^{8}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
63375	1116	520	$\frac{1}{20}$	$\frac{19}{260}$	$\frac{1}{5}$	$\frac{241}{520}$	$\Phi_{520}^{4}\ \Phi_{104}^{4}\ \Phi_{40}^{4}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
63376	1116	858	$\frac{7}{286}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{858}^{2}\ \Phi_{429}^{2}\ \Phi_{78}^{2}\ \Phi_{66}^{2}\ \Phi_{39}\ \Phi_{33}^{2}\ \Phi_{6}^{2}$
63377	1116	1184	$\frac{1}{32}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{1184}\ \Phi_{592}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}$
63378	1116	516	$\frac{1}{43}$	$\frac{7}{86}$	$\frac{1}{3}$	$\frac{79}{172}$	$\Phi_{516}^{6}\ \Phi_{129}\ \Phi_{12}^{6}$
63379	1116	506	$\frac{1}{46}$	$\frac{1}{11}$	$\frac{15}{46}$	$\frac{5}{11}$	$\Phi_{506}^{2}\ \Phi_{253}^{2}\ \Phi_{46}^{4}\ \Phi_{23}^{4}\ \Phi_{22}^{2}\ \Phi_{11}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
63380	1116	352	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{352}^{3}\ \Phi_{176}^{3}\ \Phi_{88}^{3}\ \Phi_{44}^{2}\ \Phi_{32}^{6}\ \Phi_{22}^{2}\ \Phi_{16}^{6}\ \Phi_{11}^{3}\ \Phi_{8}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
63381	1116	1265	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{22}{115}$	$\frac{5}{11}$	$\Phi_{1265}\ \Phi_{115}^{2}\ \Phi_{55}\ \Phi_{11}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
63382	1116	231	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{231}^{6}\ \Phi_{77}^{5}\ \Phi_{21}^{6}\ \Phi_{7}^{4}$
63383	1116	1190	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{1}{7}$	$\frac{77}{170}$	$\Phi_{1190}^{2}\ \Phi_{238}^{2}\ \Phi_{119}\ \Phi_{70}^{2}\ \Phi_{14}^{2}$
63384	1116	2072	$\frac{1}{37}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{2072}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}$
63385	1116	280	$\frac{1}{28}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{25}{56}$	$\Phi_{280}^{9}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}^{9}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
63386	1116	1064	$\frac{1}{19}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{1064}^{2}\ \Phi_{152}^{2}\ \Phi_{133}$
63387	1116	1115	$\frac{26}{1115}$	$\frac{121}{1115}$	$\frac{309}{1115}$	$\frac{497}{1115}$	$\Phi_{1115}\ \Phi_{223}\ \Phi_{5}\ \Phi_{1}^{2}$
63388	1116	1677	$\frac{10}{559}$	$\frac{61}{559}$	$\frac{1}{3}$	$\frac{249}{559}$	$\Phi_{1677}\ \Phi_{129}\ \Phi_{39}$
63389	1116	684	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{684}^{2}\ \Phi_{342}^{2}\ \Phi_{228}^{2}\ \Phi_{171}\ \Phi_{114}^{2}\ \Phi_{76}^{2}\ \Phi_{57}\ \Phi_{38}^{2}$
63390	1116	223	$\frac{4}{223}$	$\frac{25}{223}$	$\frac{73}{223}$	$\frac{99}{223}$	$\Phi_{223}^{5}\ \Phi_{1}^{6}$
63391	1116	1008	$\frac{1}{63}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1008}^{2}\ \Phi_{336}^{2}\ \Phi_{144}^{2}\ \Phi_{112}^{2}\ \Phi_{63}^{2}\ \Phi_{48}\ \Phi_{21}^{2}\ \Phi_{16}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
63392	1116	656	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{10}{41}$	$\frac{7}{16}$	$\Phi_{656}^{3}\ \Phi_{41}^{3}\ \Phi_{16}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
63393	1116	160	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{160}^{9}\ \Phi_{80}^{8}\ \Phi_{40}^{9}\ \Phi_{20}^{9}\ \Phi_{10}^{9}\ \Phi_{5}^{8}$
63394	1116	1184	$\frac{1}{32}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{1184}\ \Phi_{592}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}$
63395	1116	490	$\frac{1}{35}$	$\frac{34}{245}$	$\frac{1}{5}$	$\frac{211}{490}$	$\Phi_{490}^{4}\ \Phi_{98}^{4}\ \Phi_{70}^{4}\ \Phi_{35}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
63396	1116	665	$\frac{1}{19}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{665}^{2}\ \Phi_{133}\ \Phi_{95}^{2}$
63397	1116	1026	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{1026}^{2}\ \Phi_{342}^{2}\ \Phi_{171}\ \Phi_{114}^{2}\ \Phi_{57}\ \Phi_{38}^{2}$
63398	1116	1115	$\frac{29}{1115}$	$\frac{181}{1115}$	$\frac{216}{1115}$	$\frac{467}{1115}$	$\Phi_{1115}\ \Phi_{223}\ \Phi_{5}\ \Phi_{1}^{2}$
63399	1116	160	$\frac{1}{40}$	$\frac{13}{80}$	$\frac{1}{5}$	$\frac{67}{160}$	$\Phi_{160}^{12}\ \Phi_{40}^{4}\ \Phi_{32}^{12}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
63400	1116	1492	$\frac{7}{373}$	$\frac{61}{373}$	$\frac{1}{4}$	$\frac{156}{373}$	$\Phi_{1492}\ \Phi_{746}$
63401	1116	1410	$\frac{1}{94}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{282}^{2}\ \Phi_{141}^{2}\ \Phi_{30}\ \Phi_{6}^{2}$
63402	1116	185	$\frac{2}{185}$	$\frac{1}{5}$	$\frac{61}{185}$	$\frac{2}{5}$	$\Phi_{185}^{6}\ \Phi_{37}^{6}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
63403	1116	1260	$\frac{1}{63}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{252}^{2}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}^{2}\ \Phi_{90}\ \Phi_{84}^{2}\ \Phi_{70}$ $\Phi_{60}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{30}\ \Phi_{28}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
63404	1116	370	$\frac{3}{185}$	$\frac{1}{5}$	$\frac{91}{370}$	$\frac{2}{5}$	$\Phi_{370}^{4}\ \Phi_{185}^{2}\ \Phi_{74}^{4}\ \Phi_{37}^{2}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
63405	1116	95	$\frac{2}{95}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{95}^{12}\ \Phi_{19}^{12}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
63406	1116	185	$\frac{1}{37}$	$\frac{6}{37}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{185}^{5}\ \Phi_{37}^{10}\ \Phi_{5}^{6}\ \Phi_{1}^{12}$
63407	1116	1120	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}^{2}\ \Phi_{140}\ \Phi_{112}^{2}\ \Phi_{70}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
63408	1116	130	$\frac{3}{65}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{130}^{10}\ \Phi_{65}^{8}\ \Phi_{26}^{10}\ \Phi_{13}^{8}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
63409	1116	1115	$\frac{11}{1115}$	$\frac{249}{1115}$	$\frac{368}{1115}$	$\frac{433}{1115}$	$\Phi_{1115}\ \Phi_{223}\ \Phi_{5}\ \Phi_{1}^{2}$
63410	1116	1222	$\frac{1}{94}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1222}\ \Phi_{611}\ \Phi_{26}$
63411	1116	50	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{6}{25}$	$\frac{19}{50}$	$\Phi_{50}^{21}\ \Phi_{25}^{24}\ \Phi_{10}^{20}\ \Phi_{5}^{23}\ \Phi_{2}^{20}\ \Phi_{1}^{24}$
63412	1116	2240	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{55}{224}$	$\frac{169}{448}$	$\Phi_{2240}\ \Phi_{320}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
63413	1116	446	$\frac{3}{223}$	$\frac{55}{223}$	$\frac{56}{223}$	$\frac{167}{446}$	$\Phi_{446}^{4}\ \Phi_{223}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
63414	1116	1197	$\frac{1}{63}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{171}\ \Phi_{133}\ \Phi_{57}$
63415	1116	1115	$\frac{23}{1115}$	$\frac{182}{1115}$	$\frac{311}{1115}$	$\frac{402}{1115}$	$\Phi_{1115}\ \Phi_{223}\ \Phi_{5}\ \Phi_{1}^{2}$
63416	1116	1776	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1776}\ \Phi_{592}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}$
63417	1116	1184	$\frac{1}{32}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{1184}\ \Phi_{592}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}$
63418	1116	1115	$\frac{32}{1115}$	$\frac{123}{1115}$	$\frac{361}{1115}$	$\frac{377}{1115}$	$\Phi_{1115}\ \Phi_{223}\ \Phi_{5}\ \Phi_{1}^{2}$
63419	1116	1309	$\frac{4}{187}$	$\frac{1}{7}$	$\frac{61}{187}$	$\frac{63}{187}$	$\Phi_{1309}\ \Phi_{119}\ \Phi_{77}$
63420	1116	223	$\frac{4}{223}$	$\frac{37}{223}$	$\frac{73}{223}$	$\frac{75}{223}$	$\Phi_{223}^{5}\ \Phi_{1}^{6}$
63421	1116	140	$\frac{1}{70}$	$\frac{1}{5}$	$\frac{23}{70}$	$\frac{47}{140}$	$\Phi_{140}^{12}\ \Phi_{70}^{4}\ \Phi_{35}^{4}\ \Phi_{28}^{12}\ \Phi_{20}^{12}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{12}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
63422	1116	1115	$\frac{14}{1115}$	$\frac{247}{1115}$	$\frac{367}{1115}$	$\frac{374}{1115}$	$\Phi_{1115}\ \Phi_{223}\ \Phi_{5}\ \Phi_{1}^{2}$
63423	1116	1492	$\frac{4}{373}$	$\frac{1}{4}$	$\frac{123}{373}$	$\frac{125}{373}$	$\Phi_{1492}\ \Phi_{746}$
63424	1116	1115	$\frac{8}{1115}$	$\frac{369}{1115}$	$\frac{371}{1115}$	$\frac{373}{1115}$	$\Phi_{1115}\ \Phi_{223}\ \Phi_{5}\ \Phi_{1}^{2}$
63425	1116	1677	$\frac{4}{559}$	$\frac{185}{559}$	$\frac{1}{3}$	$\frac{187}{559}$	$\Phi_{1677}\ \Phi_{129}\ \Phi_{39}$
63426	1116	417	$\frac{1}{139}$	$\frac{46}{139}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{417}^{2}\ \Phi_{139}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
63427	1116	564	$\frac{1}{94}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{564}^{2}\ \Phi_{282}\ \Phi_{188}^{4}\ \Phi_{141}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
63428	1116	417	$\frac{4}{139}$	$\frac{15}{139}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{417}^{2}\ \Phi_{139}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
63429	1116	480	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{480}^{2}\ \Phi_{240}^{2}\ \Phi_{160}^{4}\ \Phi_{120}^{2}\ \Phi_{96}\ \Phi_{80}^{4}\ \Phi_{60}^{2}\ \Phi_{48}\ \Phi_{40}^{4}\ \Phi_{32}^{2}\ \Phi_{30}\ \Phi_{24}$ $\Phi_{20}^{4}\ \Phi_{16}^{2}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
63430	1116	627	$\frac{1}{19}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{627}^{2}\ \Phi_{209}^{2}\ \Phi_{57}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
63431	1116	2220	$\frac{2}{185}$	$\frac{1}{4}$	$\frac{61}{185}$	$\frac{1}{3}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{444}\ \Phi_{222}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_{6}^2$
63432	1116	1677	$\frac{7}{559}$	$\frac{125}{559}$	$\frac{184}{559}$	$\frac{1}{3}$	$\Phi_{1677}\ \Phi_{129}\ \Phi_{39}$
63433	1116	966	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{15}{46}$	$\frac{1}{3}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{42}^2\ \Phi_{21}^3$
63434	1116	645	$\frac{1}{43}$	$\frac{29}{215}$	$\frac{14}{43}$	$\frac{1}{3}$	$\Phi_{645}^3\ \Phi_{129}\ \Phi_{15}^3$
63435	1116	1677	$\frac{16}{559}$	$\frac{63}{559}$	$\frac{181}{559}$	$\frac{1}{3}$	$\Phi_{1677}\ \Phi_{129}\ \Phi_{39}$
63436	1116	273	$\frac{4}{91}$	$\frac{1}{13}$	$\frac{29}{91}$	$\frac{1}{3}$	$\Phi_{273}^6\ \Phi_{39}^7\ \Phi_{21}^6\ \Phi_{3}^6$
63437	1116	1155	$\frac{2}{35}$	$\frac{2}{33}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
63438	1116	855	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{855}^2\ \Phi_{171}^2\ \Phi_{57}$
63439	1116	195	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{195}^9\ \Phi_{39}^7\ \Phi_{15}^9\ \Phi_{3}^6$
63440	1116	1632	$\frac{1}{32}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
63441	1116	129	$\frac{1}{43}$	$\frac{7}{43}$	$\frac{12}{43}$	$\frac{1}{3}$	$\Phi_{129}^{13}\ \Phi_{3}^{12}$
63442	1116	252	$\frac{1}{63}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{63}^6\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{21}^6\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_{9}^6\ \Phi_{7}^6\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
63443	1116	1140	$\frac{2}{95}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_{6}^2$
63444	1116	444	$\frac{1}{37}$	$\frac{6}{37}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{444}^5\ \Phi_{222}^5\ \Phi_{12}^6\ \Phi_{6}^6$
63445	1116	672	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{168}^3\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{21}^3$
63446	1116	1716	$\frac{2}{33}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{286}\ \Phi_{52}\ \Phi_{26}$
63447	1116	1032	$\frac{1}{43}$	$\frac{65}{344}$	$\frac{21}{86}$	$\frac{1}{3}$	$\Phi_{1032}^2\ \Phi_{516}^2\ \Phi_{129}\ \Phi_{24}^2\ \Phi_{12}^2$
63448	1116	1092	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{85}{364}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{156}^2\ \Phi_{84}^2\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{12}^2\ \Phi_{6}^2$
63449	1116	1155	$\frac{2}{33}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
63450	1116	2280	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{456}\ \Phi_{228}\ \Phi_{57}$
63451	1116	1995	$\frac{1}{19}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{399}\ \Phi_{57}$
63452	1116	330	$\frac{2}{33}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{330}^4\ \Phi_{165}^3\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{55}^3\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
63453	1116	2415	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{22}{115}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{105}\ \Phi_{21}$
63454	1116	1425	$\frac{1}{19}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{57}$
63455	1116	684	$\frac{1}{19}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}^2\ \Phi_{171}^2\ \Phi_{76}^2\ \Phi_{57}$
63456	1116	312	$\frac{1}{13}$	$\frac{11}{104}$	$\frac{2}{13}$	$\frac{1}{3}$	$\Phi_{312}^6\ \Phi_{156}^6\ \Phi_{78}^6\ \Phi_{39}\ \Phi_{24}^6\ \Phi_{12}^6\ \Phi_{6}^6$
63457	1116	231	$\frac{2}{33}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{231}^5\ \Phi_{77}^5\ \Phi_{33}^6\ \Phi_{11}^6\ \Phi_{7}^5\ \Phi_{1}^6$
63458	1116	1911	$\frac{1}{13}$	$\frac{79}{637}$	$\frac{12}{91}$	$\frac{1}{3}$	$\Phi_{1911}\ \Phi_{147}\ \Phi_{39}$
63459	1116	506	$\frac{1}{46}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{15}{46}$	$\Phi_{506}^2\ \Phi_{253}^2\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{22}^2\ \Phi_{11}^3\ \Phi_{2}^4\ \Phi_{1}^6$
63460	1116	460	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{15}{46}$	$\Phi_{460}^4\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{20}^5\ \Phi_{10}^3\ \Phi_{5}^2$
63461	1116	1115	$\frac{26}{1115}$	$\frac{188}{1115}$	$\frac{309}{1115}$	$\frac{363}{1115}$	$\Phi_{1115}\ \Phi_{223}\ \Phi_{5}\ \Phi_{1}^2$
63462	1116	40	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{9}{40}$	$\frac{13}{40}$	$\Phi_{40}^{28}\ \Phi_{20}^{28}\ \Phi_{10}^{28}\ \Phi_{8}^{28}\ \Phi_{5}^{27}\ \Phi_{4}^{28}\ \Phi_{2}^{28}\ \Phi_{1}^{28}$
63463	1116	1115	$\frac{29}{1115}$	$\frac{216}{1115}$	$\frac{251}{1115}$	$\frac{362}{1115}$	$\Phi_{1115}\ \Phi_{223}\ \Phi_{5}\ \Phi_{1}^2$
63464	1116	1492	$\frac{10}{373}$	$\frac{63}{373}$	$\frac{1}{4}$	$\frac{121}{373}$	$\Phi_{1492}\ \Phi_{746}$
63465	1116	560	$\frac{1}{28}$	$\frac{19}{112}$	$\frac{1}{5}$	$\frac{9}{28}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}\ \Phi_{80}^3\ \Phi_{70}\ \Phi_{40}^3\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
63466	1116	680	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{43}{136}$	$\Phi_{680}^2\ \Phi_{340}^2\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_{5}^2$
63467	1116	315	$\frac{2}{35}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{11}{35}$	$\Phi_{315}^5\ \Phi_{63}^5\ \Phi_{45}^6\ \Phi_{35}\ \Phi_{9}^6\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
63468	1116	280	$\frac{2}{35}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{11}{35}$	$\Phi_{280}^5\ \Phi_{140}^5\ \Phi_{56}^5\ \Phi_{40}^6\ \Phi_{35}\ \Phi_{28}^5\ \Phi_{20}^6\ \Phi_{8}^6\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^6\ \Phi_{1}^2$
63469	1116	35	$\frac{2}{35}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{11}{35}$	$\Phi_{35}^{32}\ \Phi_{7}^{32}\ \Phi_{5}^{31}\ \Phi_{1}^{32}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
63470	1116	1260	$\frac{2}{35}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{11}{35}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{63}$ $\Phi_{60}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
63471	1116	2340	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{468}\ \Phi_{234}\ \Phi_{52}\ \Phi_{26}$
63472	1116	315	$\frac{1}{15}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{14}{45}$	$\Phi_{315}^5\ \Phi_{63}^5\ \Phi_{45}^6\ \Phi_{35}\ \Phi_9^6\ \Phi_7\ \Phi_5\ \Phi_1^2$
63473	1116	90	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{14}{45}$	$\Phi_{90}^{20}\ \Phi_{45}^{16}\ \Phi_{18}^{20}\ \Phi_{10}^4\ \Phi_9^{16}\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
63474	1116	315	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{14}{45}$	$\Phi_{315}^5\ \Phi_{63}^5\ \Phi_{45}^6\ \Phi_9^6\ \Phi_7^5\ \Phi_1^6$
63475	1116	100	$\frac{7}{100}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{100}^{12}\ \Phi_{50}^{12}\ \Phi_{25}^{12}\ \Phi_{20}^{12}\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^{12}\ \Phi_2^4\ \Phi_1^4$
63476	1116	1539	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{1539}\ \Phi_{171}\ \Phi_{57}$
63477	1116	308	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{7}$	$\frac{13}{44}$	$\Phi_{308}^4\ \Phi_{154}^4\ \Phi_{77}^5\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_7^4$
63478	1116	238	$\frac{3}{34}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{5}{17}$	$\Phi_{238}^6\ \Phi_{119}^5\ \Phi_{14}^6\ \Phi_7^4$
63479	1116	490	$\frac{5}{98}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{490}^3\ \Phi_{245}^3\ \Phi_{70}^3\ \Phi_{35}\ \Phi_{10}^3$
63480	1116	352	$\frac{1}{32}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{352}^3\ \Phi_{176}^3\ \Phi_{88}^3\ \Phi_{44}^2\ \Phi_{32}^6\ \Phi_{22}^2\ \Phi_{16}^6\ \Phi_{11}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
63481	1116	1265	$\frac{1}{23}$	$\frac{2}{11}$	$\frac{22}{115}$	$\frac{3}{11}$	$\Phi_{1265}\ \Phi_{115}^2\ \Phi_{55}\ \Phi_{11}\ \Phi_5^2\ \Phi_1^2$
63482	1116	595	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{16}{85}$	$\frac{23}{85}$	$\Phi_{595}^2\ \Phi_{119}^3\ \Phi_{35}^2\ \Phi_7^2$
63483	1116	1184	$\frac{1}{32}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{1184}\ \Phi_{592}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}$
63484	1116	270	$\frac{11}{135}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{270}^5\ \Phi_{135}^4\ \Phi_{90}^5\ \Phi_{54}^5\ \Phi_{45}^4\ \Phi_{27}^4\ \Phi_{18}^5\ \Phi_{10}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
63485	1116	798	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{133}\ \Phi_{114}^2\ \Phi_{57}^2$
63486	1116	1115	$\frac{27}{1115}$	$\frac{272}{1115}$	$\frac{278}{1115}$	$\frac{281}{1115}$	$\Phi_{1115}\ \Phi_{223}\ \Phi_5\ \Phi_1^2$
63487	1116	1492	$\frac{9}{373}$	$\frac{91}{373}$	$\frac{1}{4}$	$\frac{94}{373}$	$\Phi_{1492}\ \Phi_{746}$
63488	1116	164	$\frac{1}{41}$	$\frac{10}{41}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{164}^6\ \Phi_{82}^6\ \Phi_{41}^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{12}$
63489	1116	160	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{160}^9\ \Phi_{80}^9\ \Phi_{40}^9\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_5^6$
63490	1116	1840	$\frac{3}{92}$	$\frac{1}{5}$	$\frac{89}{368}$	$\frac{1}{4}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
63491	1116	520	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{520}^3\ \Phi_{260}\ \Phi_{130}^2\ \Phi_{104}^3\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{26}^3\ \Phi_{13}^2$
63492	1116	460	$\frac{1}{23}$	$\frac{22}{115}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{460}^3\ \Phi_{230}^3\ \Phi_{92}^4\ \Phi_{46}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_4^4\ \Phi_2^4$
63493	1116	1820	$\frac{1}{13}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{364}\ \Phi_{182}\ \Phi_{52}\ \Phi_{26}$
63494	1116	468	$\frac{1}{13}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{156}\ \Phi_{117}^3\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{13}^2$
63495	1116	1820	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{85}{364}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{260}\ \Phi_{140}\ \Phi_{130}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
63496	1116	280	$\frac{3}{35}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{8}{35}$	$\Phi_{280}^5\ \Phi_{140}^5\ \Phi_{56}^5\ \Phi_{40}^6\ \Phi_{35}\ \Phi_{28}^5\ \Phi_{20}^6\ \Phi_8^6\ \Phi_7\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
63497	1116	35	$\frac{3}{35}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{8}{35}$	$\Phi_{35}^{32}\ \Phi_7^{32}\ \Phi_5^{31}\ \Phi_1^{32}$
63498	1116	1260	$\frac{3}{35}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{8}{35}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{63}$ $\Phi_{60}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
63499	1116	770	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{17}{110}$	$\frac{5}{22}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{77}\ \Phi_{70}^2\ \Phi_{35}^2$
63500	1116	40	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{40}$	$\Phi_{40}^{36}\ \Phi_{20}^{36}\ \Phi_{10}^4\ \Phi_8^{36}\ \Phi_5^3\ \Phi_4^{36}\ \Phi_2^4\ \Phi_1^4$
63501	1116	280	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{9}{40}$	$\Phi_{280}^5\ \Phi_{140}^5\ \Phi_{56}^5\ \Phi_{40}^6\ \Phi_{28}^5\ \Phi_{20}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_4^6\ \Phi_1^6$
63502	1116	350	$\frac{2}{35}$	$\frac{33}{175}$	$\frac{1}{5}$	$\frac{71}{350}$	$\Phi_{350}^4\ \Phi_{175}^2\ \Phi_{70}^4\ \Phi_{50}^4\ \Phi_{35}^4\ \Phi_{25}^2\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
63503	1116	100	$\frac{7}{100}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{100}^{12}\ \Phi_{50}^{12}\ \Phi_{25}^8\ \Phi_{20}^{12}\ \Phi_{10}^{12}\ \Phi_5^{11}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
63504	1116	110	$\frac{4}{55}$	$\frac{17}{110}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{110}^{12}\ \Phi_{55}^8\ \Phi_{22}^{12}\ \Phi_{11}^8\ \Phi_{10}^{12}\ \Phi_5^{11}\ \Phi_2^{12}\ \Phi_1^{12}$
63505	1116	70	$\frac{1}{10}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{70}^{20}\ \Phi_{35}^{16}\ \Phi_{14}^{20}\ \Phi_{10}^4\ \Phi_7^{16}\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
63506	1116	150	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{5}$	$\Phi_{150}^{10}\ \Phi_{75}^8\ \Phi_{50}^{10}\ \Phi_{25}^8\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
63507	1116	180	$\frac{1}{10}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{180}^7\ \Phi_{90}^7\ \Phi_{60}^7\ \Phi_{45}^7\ \Phi_{36}^8\ \Phi_{20}^7\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_{10}^4\ \Phi_9^8\ \Phi_5^3\ \Phi_4^8\ \Phi_2^4$ Φ_1^4

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
63508	1116	35	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{35}^{31}\ \Phi_{7}^{36}\ \Phi_{5}^{30}\ \Phi_{1}^{36}$
63509	1116	252	$\frac{5}{36}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{252}^{5}\ \Phi_{126}^{5}\ \Phi_{84}^{5}\ \Phi_{63}^{5}\ \Phi_{36}^{6}\ \Phi_{28}^{5}\ \Phi_{18}^{6}\ \Phi_{12}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{4}^{6}\ \Phi_{1}^{6}$
63510	1117	2224	$\frac{5}{1112}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1107}{2224}$	$\Phi_{2224}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
63511	1117	1984	$\frac{1}{124}$	$\frac{125}{992}$	$\frac{867}{1984}$	$\frac{123}{248}$	$\Phi_{1984}\ \Phi_{248}\ \Phi_{64}\ \Phi_{8}\ \Phi_{1}$
63512	1117	1488	$\frac{1}{124}$	$\frac{371}{1488}$	$\frac{125}{496}$	$\frac{123}{248}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{372}\ \Phi_{248}\ \Phi_{186}\ \Phi_{93}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
63513	1117	2208	$\frac{13}{1104}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1091}{2208}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
63514	1117	2208	$\frac{13}{1104}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1091}{2208}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{96}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
63515	1117	1344	$\frac{3}{224}$	$\frac{227}{1344}$	$\frac{1}{4}$	$\frac{221}{448}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
63516	1117	2200	$\frac{17}{1100}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1083}{2200}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{200}\ \Phi_{88}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
63517	1117	1280	$\frac{3}{160}$	$\frac{163}{1280}$	$\frac{1}{4}$	$\frac{157}{320}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{256}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
63518	1117	2184	$\frac{25}{1092}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1067}{2184}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{168}\ \Phi_{104}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
63519	1117	2176	$\frac{29}{1088}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1059}{2176}$	$\Phi_{2176}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
63520	1117	2160	$\frac{1}{36}$	$\frac{37}{1080}$	$\frac{1043}{2160}$	$\frac{35}{72}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
63521	1117	1440	$\frac{1}{36}$	$\frac{37}{360}$	$\frac{323}{1440}$	$\frac{35}{72}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
63522	1117	1296	$\frac{1}{36}$	$\frac{179}{1296}$	$\frac{37}{216}$	$\frac{35}{72}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
63523	1117	2160	$\frac{37}{1080}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1043}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
63524	1117	2160	$\frac{37}{1080}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1043}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
63525	1117	2160	$\frac{37}{1080}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1043}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{16}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
63526	1117	1350	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{233}{1350}$	$\frac{217}{450}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{270}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
63527	1117	1512	$\frac{17}{378}$	$\frac{1}{18}$	$\frac{395}{1512}$	$\frac{361}{756}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
63528	1117	1224	$\frac{5}{102}$	$\frac{107}{1224}$	$\frac{1}{6}$	$\frac{97}{204}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{153}\ \Phi_{136}\ \Phi_{102}\ \Phi_{72}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{24}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
63529	1117	2128	$\frac{53}{1064}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{1011}{2128}$	$\Phi_{2128}\ \Phi_{304}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
63530	1117	2112	$\frac{61}{1056}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{995}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{66}\ \Phi_{64}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
63531	1117	2080	$\frac{3}{80}$	$\frac{77}{1040}$	$\frac{1}{4}$	$\frac{963}{2080}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
63532	1117	1188	$\frac{71}{1188}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{108}\ \Phi_{99}\ \Phi_{66}\ \Phi_{54}\ \Phi_{36}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
63533	1117	1656	$\frac{13}{552}$	$\frac{1}{12}$	$\frac{539}{1656}$	$\frac{11}{24}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{414}\ \Phi_{207}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
63534	1117	1152	$\frac{35}{1152}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
63535	1117	1152	$\frac{35}{1152}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
63536	1117	2040	$\frac{5}{102}$	$\frac{97}{1020}$	$\frac{1}{6}$	$\frac{923}{2040}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{136}\ \Phi_{120}\ \Phi_{102}\ \Phi_{51}\ \Phi_{40}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
63537	1117	1296	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{179}{1296}$	$\frac{145}{324}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
63538	1117	2016	$\frac{3}{112}$	$\frac{109}{1008}$	$\frac{1}{4}$	$\frac{899}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{112}\ \Phi_{96}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
63539	1117	2016	$\frac{1}{36}$	$\frac{109}{1008}$	$\frac{35}{144}$	$\frac{899}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
63540	1117	2016	$\frac{1}{18}$	$\frac{109}{1008}$	$\frac{17}{126}$	$\frac{899}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{126}\ \Phi_{96}\ \Phi_{63}\ \Phi_{42}\ \Phi_{32}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
63541	1117	1260	$\frac{1}{18}$	$\frac{143}{1260}$	$\frac{17}{126}$	$\frac{109}{252}$	Φ_{1260} Φ_{630} Φ_{420} Φ_{315} Φ_{210} Φ_{180} Φ_{140} Φ_{126} Φ_{105} Φ_{90} Φ_{70} Φ_{63} Φ_{60} Φ_{45} Φ_{42} Φ_{35} Φ_{30} Φ_{21} Φ_{20} Φ_{15} Φ_{14} Φ_{10} Φ_7 Φ_5 Φ_1
63542	1117	1960	$\frac{3}{140}$	$\frac{137}{980}$	$\frac{1}{4}$	$\frac{843}{1960}$	Φ_{1960} Φ_{392} Φ_{280} Φ_{140} Φ_{70} Φ_{56} Φ_{40} Φ_{35} Φ_{28} Φ_{20} Φ_{14} Φ_{10} Φ_8 Φ_7 Φ_5 Φ_1
63543	1117	1944	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{145}{972}$	$\frac{827}{1944}$	Φ_{1944} Φ_{648} Φ_{216} Φ_{162} Φ_{81} Φ_{72} Φ_{54} Φ_{27} Φ_{24} Φ_8 Φ_1
63544	1117	1920	$\frac{3}{160}$	$\frac{157}{960}$	$\frac{1}{4}$	$\frac{803}{1920}$	Φ_{1920} Φ_{640} Φ_{384} Φ_{160} Φ_{128} Φ_{80} Φ_{40} Φ_{32} Φ_{20} Φ_{16} Φ_{10} Φ_8 Φ_5 Φ_1
63545	1117	1170	$\frac{53}{1170}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	Φ_{1170} Φ_{585} Φ_{390} Φ_{234} Φ_{195} Φ_{130} Φ_{117} Φ_{78} Φ_{65} Φ_{45} Φ_{39} Φ_{26} Φ_{15} Φ_{13} Φ_5 Φ_1
63546	1117	1800	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{217}{900}$	$\frac{683}{1800}$	Φ_{1800} Φ_{600} Φ_{360} Φ_{225} Φ_{200} Φ_{120} Φ_{75} Φ_{72} Φ_{45} Φ_{40} Φ_{25} Φ_{24} Φ_{15} Φ_8 Φ_5 Φ_1
63547	1117	1792	$\frac{3}{224}$	$\frac{221}{896}$	$\frac{1}{4}$	$\frac{675}{1792}$	Φ_{1792} Φ_{256} Φ_{224} Φ_{112} Φ_{56} Φ_{32} Φ_{28} Φ_{16} Φ_{14} Φ_8 Φ_7 Φ_1
63548	1117	1728	$\frac{1}{36}$	$\frac{35}{288}$	$\frac{253}{864}$	$\frac{611}{1728}$	Φ_{1728} Φ_{576} Φ_{288} Φ_{192} Φ_{144} Φ_{96} Φ_{72} Φ_{64} Φ_{48} Φ_{32} Φ_{24} Φ_{16} Φ_8 Φ_1
63549	1117	1188	$\frac{1}{18}$	$\frac{71}{1188}$	$\frac{17}{54}$	$\frac{37}{108}$	Φ_{1188} Φ_{594} Φ_{396} Φ_{297} Φ_{198} Φ_{132} Φ_{99} Φ_{66} Φ_{54} Φ_{44} Φ_{33} Φ_{27} Φ_{22} Φ_{11} Φ_1
63550	1117	1680	$\frac{3}{280}$	$\frac{1}{4}$	$\frac{277}{840}$	$\frac{563}{1680}$	Φ_{1680} Φ_{560} Φ_{336} Φ_{280} Φ_{240} Φ_{140} Φ_{112} Φ_{80} Φ_{70} Φ_{56} Φ_{48} Φ_{40} Φ_{35} Φ_{28} Φ_{20} Φ_{16} Φ_{14} Φ_{10} Φ_8 Φ_7 Φ_5 Φ_1
63551	1117	1440	$\frac{3}{160}$	$\frac{323}{1440}$	$\frac{1}{4}$	$\frac{157}{480}$	Φ_{1440} Φ_{720} Φ_{360} Φ_{288} Φ_{180} Φ_{160} Φ_{144} Φ_{90} Φ_{80} Φ_{72} Φ_{45} Φ_{40} Φ_{36} Φ_{32} Φ_{20} Φ_{18} Φ_{16} Φ_{10} Φ_9 Φ_8 Φ_5 Φ_1
63552	1117	1344	$\frac{3}{112}$	$\frac{227}{1344}$	$\frac{1}{4}$	$\frac{109}{336}$	Φ_{1344} Φ_{672} Φ_{448} Φ_{224} Φ_{192} Φ_{112} Φ_{96} Φ_{64} Φ_{56} Φ_{32} Φ_{28} Φ_{16} Φ_{14} Φ_8 Φ_7 Φ_1
63553	1117	1632	$\frac{29}{544}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{515}{1632}$	Φ_{1632} Φ_{816} Φ_{408} Φ_{204} Φ_{102} Φ_{96} Φ_{51} Φ_{48} Φ_{32} Φ_{24} Φ_{16} Φ_{12} Φ_8 Φ_6 Φ_3 Φ_1
63554	1117	1620	$\frac{1}{18}$	$\frac{37}{540}$	$\frac{503}{1620}$	$\frac{17}{54}$	Φ_{1620} Φ_{810} Φ_{405} Φ_{324} Φ_{162} Φ_{81} Φ_{54} Φ_{27} Φ_1
63555	1117	1350	$\frac{1}{18}$	$\frac{37}{270}$	$\frac{233}{1350}$	$\frac{17}{54}$	Φ_{1350} Φ_{675} Φ_{450} Φ_{225} Φ_{150} Φ_{75} Φ_{54} Φ_{50} Φ_{27} Φ_{25} Φ_1
63556	1117	1296	$\frac{1}{18}$	$\frac{179}{1296}$	$\frac{37}{216}$	$\frac{17}{54}$	Φ_{1296} Φ_{648} Φ_{432} Φ_{324} Φ_{162} Φ_{144} Φ_{81} Φ_{54} Φ_{48} Φ_{27} Φ_{16} Φ_1
63557	1117	1620	$\frac{37}{540}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{503}{1620}$	Φ_{1620} Φ_{810} Φ_{405} Φ_{324} Φ_{162} Φ_{81} Φ_{45} Φ_{15} Φ_5 Φ_1
63558	1117	1200	$\frac{83}{1200}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{120}$	Φ_{1200} Φ_{600} Φ_{400} Φ_{300} Φ_{240} Φ_{200} Φ_{150} Φ_{100} Φ_{80} Φ_{75} Φ_{50} Φ_{48} Φ_{40} Φ_{25} Φ_{20} Φ_{16} Φ_{10} Φ_8 Φ_5 Φ_1
63559	1117	1458	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{341}{1458}$	$\frac{145}{486}$	Φ_{1458} Φ_{729} Φ_{162} Φ_{81} Φ_{54} Φ_{27} Φ_1
63560	1117	1176	$\frac{59}{1176}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	Φ_{1176} Φ_{588} Φ_{392} Φ_{294} Φ_{196} Φ_{168} Φ_{147} Φ_{98} Φ_{56} Φ_{49} Φ_{28} Φ_{24} Φ_{14} Φ_8 Φ_7 Φ_1
63561	1117	1584	$\frac{5}{66}$	$\frac{61}{528}$	$\frac{1}{6}$	$\frac{467}{1584}$	Φ_{1584} Φ_{792} Φ_{396} Φ_{198} Φ_{144} Φ_{99} Φ_{72} Φ_{66} Φ_{36} Φ_{33} Φ_{22} Φ_{18} Φ_{11} Φ_9 Φ_1
63562	1117	1215	$\frac{98}{1215}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{135}$	Φ_{1215} Φ_{405} Φ_{243} Φ_{81} Φ_{45} Φ_{15} Φ_5 Φ_1
63563	1117	1152	$\frac{35}{1152}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	Φ_{1152} Φ_{576} Φ_{384} Φ_{288} Φ_{192} Φ_{144} Φ_{128} Φ_{96} Φ_{72} Φ_{64} Φ_{36} Φ_{32} Φ_{18} Φ_{16} Φ_9 Φ_8 Φ_1
63564	1117	1530	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{97}{510}$	$\frac{413}{1530}$	Φ_{1530} Φ_{765} Φ_{306} Φ_{153} Φ_{102} Φ_{90} Φ_{51} Φ_{45} Φ_{34} Φ_{18} Φ_{17} Φ_9 Φ_1
63565	1117	1512	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{109}{504}$	$\frac{395}{1512}$	Φ_{1512} Φ_{756} Φ_{378} Φ_{216} Φ_{189} Φ_{126} Φ_{108} Φ_{63} Φ_{54} Φ_{42} Φ_{27} Φ_{21} Φ_{14} Φ_7 Φ_1
63566	1117	1472	$\frac{13}{368}$	$\frac{3}{16}$	$\frac{355}{1472}$	$\frac{1}{4}$	Φ_{1472} Φ_{736} Φ_{64} Φ_{32} Φ_{16} Φ_8 Φ_1
63567	1117	1456	$\frac{25}{364}$	$\frac{3}{28}$	$\frac{339}{1456}$	$\frac{1}{4}$	Φ_{1456} Φ_{728} Φ_{208} Φ_{112} Φ_{104} Φ_{56} Φ_{28} Φ_{16} Φ_{14} Φ_8 Φ_7 Φ_1
63568	1117	1440	$\frac{3}{40}$	$\frac{37}{360}$	$\frac{323}{1440}$	$\frac{1}{4}$	Φ_{1440} Φ_{720} Φ_{480} Φ_{288} Φ_{240} Φ_{160} Φ_{144} Φ_{96} Φ_{80} Φ_{48} Φ_{40} Φ_{32} Φ_{20} Φ_{16} Φ_{10} Φ_8 Φ_5 Φ_1
63569	1117	1200	$\frac{83}{1200}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	Φ_{1200} Φ_{600} Φ_{400} Φ_{300} Φ_{240} Φ_{200} Φ_{150} Φ_{120} Φ_{80} Φ_{75} Φ_{60} Φ_{48} Φ_{40} Φ_{30} Φ_{24} Φ_{20} Φ_{16} Φ_{15} Φ_{12} Φ_{10} Φ_8 Φ_6 Φ_5 Φ_3 Φ_1
63570	1117	1320	$\frac{17}{220}$	$\frac{3}{20}$	$\frac{203}{1320}$	$\frac{1}{4}$	Φ_{1320} Φ_{660} Φ_{440} Φ_{330} Φ_{264} Φ_{165} Φ_{132} Φ_{120} Φ_{88} Φ_{66} Φ_{60} Φ_{40} Φ_{33} Φ_{30} Φ_{24} Φ_{20} Φ_{15} Φ_{12} Φ_{10} Φ_8 Φ_6 Φ_5 Φ_3 Φ_1

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
63571	1117	1320	$\frac{5}{66}$	$\frac{203}{1320}$	$\frac{1}{6}$	$\frac{61}{264}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
63572	1117	1440	$\frac{37}{360}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{323}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{32}\ \Phi_{16}\ \Phi_{15}\ \Phi_5\ \Phi_1$
63573	1117	1260	$\frac{1}{9}$	$\frac{143}{1260}$	$\frac{8}{45}$	$\frac{37}{180}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_7\ \Phi_5\ \Phi_1$
63574	1117	1350	$\frac{1}{9}$	$\frac{37}{270}$	$\frac{233}{1350}$	$\frac{8}{45}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_1$
63575	1118	3336	$\frac{3}{556}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{553}{1112}$	$\Phi_{3336}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
63576	1118	1110	$\frac{4}{555}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{551}{1110}$	$\Phi_{1110}^2\ \Phi_{370}^2\ \Phi_{222}^2\ \Phi_{74}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
63577	1118	672	$\frac{1}{112}$	$\frac{113}{672}$	$\frac{1}{3}$	$\frac{111}{224}$	$\Phi_{672}\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63578	1118	3318	$\frac{6}{553}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{547}{1106}$	$\Phi_{3318}\ \Phi_{474}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
63579	1118	2040	$\frac{1}{85}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{42}{85}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
63580	1118	255	$\frac{1}{85}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{42}{85}$	$\Phi_{255}^4\ \Phi_{85}^5\ \Phi_{51}^4\ \Phi_{17}^5\ \Phi_{15}^5\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
63581	1118	1530	$\frac{1}{85}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{42}{85}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{306}\ \Phi_{153}\ \Phi_{90}\ \Phi_{85}\ \Phi_{45}\ \Phi_{18}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
63582	1118	1360	$\frac{1}{85}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{42}{85}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{272}\ \Phi_{136}\ \Phi_{85}\ \Phi_{80}\ \Phi_{40}\ \Phi_{17}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
63583	1118	1920	$\frac{1}{80}$	$\frac{81}{640}$	$\frac{1}{3}$	$\frac{79}{160}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
63584	1118	1104	$\frac{7}{552}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{545}{1104}$	$\Phi_{1104}^2\ \Phi_{368}^2\ \Phi_{48}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
63585	1118	3300	$\frac{9}{550}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{541}{1100}$	$\Phi_{3300}\ \Phi_{660}\ \Phi_{300}\ \Phi_{132}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
63586	1118	2100	$\frac{1}{42}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{41}{84}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}^2\ \Phi_{60}\ \Phi_{28}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
63587	1118	84	$\frac{1}{42}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{84}^{26}\ \Phi_{42}\ \Phi_{28}^{26}\ \Phi_{21}\ \Phi_{12}^{26}\ \Phi_6\ \Phi_4^{26}$
63588	1118	420	$\frac{1}{42}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{41}{84}$	$\Phi_{420}^5\ \Phi_{140}^5\ \Phi_{84}^6\ \Phi_{60}^5\ \Phi_{28}^6\ \Phi_{20}^5\ \Phi_{15}^2\ \Phi_{12}^6\ \Phi_5\ \Phi_4^6\ \Phi_3^2\ \Phi_1^2$
63589	1118	3264	$\frac{15}{544}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{529}{1088}$	$\Phi_{3264}\ \Phi_{192}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
63590	1118	406	$\frac{1}{29}$	$\frac{1}{14}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{406}^3\ \Phi_{203}^3\ \Phi_{58}\ \Phi_{29}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
63591	1118	1080	$\frac{19}{540}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{521}{1080}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_8^2\ \Phi_6$
63592	1118	225	$\frac{1}{25}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{225}^5\ \Phi_{75}^4\ \Phi_{45}^6\ \Phi_{25}^5\ \Phi_{15}^5\ \Phi_9^6\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
63593	1118	1575	$\frac{1}{25}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{12}{25}$	$\Phi_{1575}\ \Phi_{315}\ \Phi_{225}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{25}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
63594	1118	1400	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{12}{25}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{280}\ \Phi_{200}\ \Phi_{140}\ \Phi_{100}\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{28}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
63595	1118	1200	$\frac{1}{25}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{12}{25}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
63596	1118	1225	$\frac{1}{25}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{12}{25}$	$\Phi_{1225}\ \Phi_{245}\ \Phi_{49}^2\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
63597	1118	3192	$\frac{1}{28}$	$\frac{27}{532}$	$\frac{1}{3}$	$\frac{505}{1064}$	$\Phi_{3192}\ \Phi_{456}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
63598	1118	576	$\frac{17}{576}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}\ \Phi_{72}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63599	1118	1050	$\frac{1}{35}$	$\frac{34}{525}$	$\frac{1}{3}$	$\frac{491}{1050}$	$\Phi_{1050}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{150}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
63600	1118	240	$\frac{1}{40}$	$\frac{3}{40}$	$\frac{1}{3}$	$\frac{37}{80}$	$\Phi_{240}^{13}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}^{13}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
63601	1118	2160	$\frac{1}{27}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
63602	1118	264	$\frac{1}{44}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{264}^8\ \Phi_{132}\ \Phi_{88}^8\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}^6\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
63603	1118	360	$\frac{2}{45}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{360}^6\ \Phi_{120}^5\ \Phi_{72}^6\ \Phi_{45}^2\ \Phi_{40}^5\ \Phi_{24}^6\ \Phi_{15}^2\ \Phi_9^2\ \Phi_8^6\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
63604	1118	408	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{8}{51}$	$\frac{11}{24}$	$\Phi_{408}^5\ \Phi_{136}^5\ \Phi_{51}^2\ \Phi_{24}^6\ \Phi_{17}\ \Phi_8^6\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
63605	1118	1008	$\frac{1}{56}$	$\frac{55}{504}$	$\frac{1}{3}$	$\frac{449}{1008}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{168}\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
63606	1118	396	$\frac{1}{44}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^3\ \Phi_{99}^3\ \Phi_{66}^3\ \Phi_{44}^2\ \Phi_{36}^3\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
63607	1118	2940	$\frac{1}{70}$	$\frac{69}{490}$	$\frac{1}{3}$	$\frac{421}{980}$	$\Phi_{2940}\ \Phi_{588}\ \Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
63608	1118	960	$\frac{1}{80}$	$\frac{79}{480}$	$\frac{1}{3}$	$\frac{401}{960}$	$\Phi_{960}^2\ \Phi_{320}^2\ \Phi_{240}\ \Phi_{192}^2\ \Phi_{120}\ \Phi_{64}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
63609	1118	2688	$\frac{1}{112}$	$\frac{111}{448}$	$\frac{1}{3}$	$\frac{337}{896}$	$\Phi_{2688}\ \Phi_{384}\ \Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
63610	1118	432	$\frac{1}{27}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{432}^3\ \Phi_{216}^2\ \Phi_{144}^3\ \Phi_{108}^3\ \Phi_{72}^2\ \Phi_{54}^3\ \Phi_{48}^2\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63611	1118	594	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{594}^3\ \Phi_{297}\ \Phi_{198}^3\ \Phi_{99}\ \Phi_{66}^2\ \Phi_{54}^3\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_6^2\ \Phi_2^2$
63612	1118	840	$\frac{1}{140}$	$\frac{139}{420}$	$\frac{1}{3}$	$\frac{281}{840}$	$\Phi_{840}^2\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_8^2\ \Phi_6$
63613	1118	660	$\frac{1}{44}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
63614	1118	630	$\frac{2}{45}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_6$
63615	1118	720	$\frac{1}{80}$	$\frac{161}{720}$	$\frac{79}{240}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
63616	1118	672	$\frac{1}{56}$	$\frac{113}{672}$	$\frac{55}{168}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{84}\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
63617	1118	630	$\frac{1}{35}$	$\frac{71}{630}$	$\frac{34}{105}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_2^2$
63618	1118	126	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{126}^{14}\ \Phi_{63}^{12}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}^{14}\ \Phi_9^{12}\ \Phi_6$
63619	1118	600	$\frac{1}{20}$	$\frac{41}{600}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_8^2\ \Phi_6$
63620	1118	816	$\frac{15}{272}$	$\frac{1}{16}$	$\frac{257}{816}$	$\frac{1}{3}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}^2\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{48}^2\ \Phi_{34}^2\ \Phi_{24}^2\ \Phi_{17}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63621	1118	588	$\frac{29}{588}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{84}^2\ \Phi_{49}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
63622	1118	576	$\frac{17}{576}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
63623	1118	396	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}\ \Phi_{99}^4\ \Phi_{66}\ \Phi_{36}^4\ \Phi_{33}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
63624	1118	570	$\frac{11}{570}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{570}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{19}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
63625	1118	528	$\frac{1}{44}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}^3\ \Phi_{33}\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
63626	1118	2220	$\frac{4}{185}$	$\frac{1}{5}$	$\frac{181}{740}$	$\frac{1}{3}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{444}\ \Phi_{222}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
63627	1118	2208	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{177}{736}$	$\frac{1}{3}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
63628	1118	168	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{168}^{13}\ \Phi_{84}^{13}\ \Phi_{42}\ \Phi_{24}^{13}\ \Phi_{21}\ \Phi_{12}^{13}\ \Phi_6$
63629	1118	720	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{161}{720}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_8^2\ \Phi_6$
63630	1118	2100	$\frac{1}{35}$	$\frac{34}{175}$	$\frac{141}{700}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
63631	1118	45	$\frac{2}{45}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{45}^{26}\ \Phi_{15}^{23}\ \Phi_9^{26}\ \Phi_5^{22}\ \Phi_3^{22}\ \Phi_1^{22}$
63632	1118	48	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{3}{16}$	$\frac{1}{3}$	$\Phi_{48}^{22}\ \Phi_{24}^{22}\ \Phi_{16}^{26}\ \Phi_{12}^{22}\ \Phi_8^{26}\ \Phi_6^{22}\ \Phi_4^{26}\ \Phi_3^{21}\ \Phi_2^{26}\ \Phi_1^{26}$
63633	1118	210	$\frac{1}{14}$	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{210}^7\ \Phi_{105}^6\ \Phi_{70}^7\ \Phi_{42}\ \Phi_{35}^6\ \Phi_{30}^7\ \Phi_{21}\ \Phi_{15}^6\ \Phi_{10}^7\ \Phi_6\ \Phi_5^6$
63634	1118	600	$\frac{41}{600}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
63635	1118	336	$\frac{1}{14}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{28}^4\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2$
63636	1118	255	$\frac{1}{17}$	$\frac{2}{15}$	$\frac{8}{51}$	$\frac{1}{3}$	$\Phi_{255}^5\ \Phi_{85}^5\ \Phi_{51}^2\ \Phi_{17}\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^2\ \Phi_1^2$
63637	1118	660	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{660}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63638	1118	294	$\frac{1}{14}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{294}^7\ \Phi_{147}^6\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
63639	1118	315	$\frac{1}{21}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{20}{63}$	$\Phi_{315}^5\ \Phi_{63}^6\ \Phi_{45}^5\ \Phi_{15}^2\ \Phi_9^6\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
63640	1118	540	$\frac{1}{27}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^3\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{54}^3\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63641	1118	90	$\frac{2}{45}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{90}^{11}\ \Phi_{45}^{13}\ \Phi_{30}^{12}\ \Phi_{18}^{12}\ \Phi_{15}^{14}\ \Phi_{10}^{12}\ \Phi_9^{14}\ \Phi_6^{12}\ \Phi_5^{13}\ \Phi_3^{14}\ \Phi_2^{12}\ \Phi_1^{14}$
63642	1118	306	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{306}^5\ \Phi_{153}^5\ \Phi_{51}^2\ \Phi_{18}^6\ \Phi_{17}\ \Phi_9^6\ \Phi_3^2\ \Phi_1^2$
63643	1118	720	$\frac{2}{45}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{80}\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
63644	1118	816	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}\ \Phi_{136}\ \Phi_{51}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3^2\ \Phi_1^2$
63645	1118	840	$\frac{1}{14}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{56}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
63646	1118	240	$\frac{5}{48}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{60}^5\ \Phi_{48}^6\ \Phi_{40}^5\ \Phi_{24}^6\ \Phi_{20}^5\ \Phi_{16}^6\ \Phi_{15}^2\ \Phi_{12}^6\ \Phi_8^6\ \Phi_5\ \Phi_4^6\ \Phi_3^2\ \Phi_1^2$
63647	1118	735	$\frac{6}{49}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{735}^2\ \Phi_{245}\ \Phi_{147}^2\ \Phi_{49}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
63648	1119	688	$\frac{1}{86}$	$\frac{29}{344}$	$\frac{315}{688}$	$\frac{85}{172}$	$\Phi_{688}^3\ \Phi_{172}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
63649	1119	516	$\frac{1}{86}$	$\frac{29}{172}$	$\frac{143}{516}$	$\frac{85}{172}$	$\Phi_{516}^3\ \Phi_{258}^3\ \Phi_{172}\ \Phi_{129}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
63650	1119	1376	$\frac{1}{86}$	$\frac{257}{1376}$	$\frac{87}{344}$	$\frac{85}{172}$	$\Phi_{1376}\ \Phi_{688}\ \Phi_{172}\ \Phi_{32}\ \Phi_{16}\ \Phi_4\ \Phi_1$
63651	1119	728	$\frac{9}{364}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{355}{728}$	$\Phi_{728}^3\ \Phi_{104}^3\ \Phi_{56}^3\ \Phi_{52}\ \Phi_8^3\ \Phi_4\ \Phi_1$
63652	1119	728	$\frac{9}{364}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{355}{728}$	$\Phi_{728}^3\ \Phi_{104}^3\ \Phi_{56}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_1^3$
63653	1119	1452	$\frac{10}{363}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{353}{726}$	$\Phi_{1452}\ \Phi_{484}\ \Phi_{363}\ \Phi_{132}\ \Phi_{121}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_3\ \Phi_1$
63654	1119	408	$\frac{1}{34}$	$\frac{35}{408}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{408}^3\ \Phi_{204}^3\ \Phi_{136}^3\ \Phi_{102}^3\ \Phi_{68}^2\ \Phi_{51}^3\ \Phi_{34}\ \Phi_{24}^3\ \Phi_{17}\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
63655	1119	1508	$\frac{12}{377}$	$\frac{1}{13}$	$\frac{389}{1508}$	$\frac{365}{754}$	$\Phi_{1508}\ \Phi_{377}\ \Phi_{116}\ \Phi_{52}\ \Phi_{29}\ \Phi_4\ \Phi_1$
63656	1119	1456	$\frac{1}{26}$	$\frac{27}{364}$	$\frac{337}{1456}$	$\frac{25}{52}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{208}\ \Phi_{112}\ \Phi_{104}\ \Phi_{56}\ \Phi_{52}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
63657	1119	416	$\frac{1}{26}$	$\frac{43}{416}$	$\frac{9}{52}$	$\frac{25}{52}$	$\Phi_{416}^3\ \Phi_{208}^3\ \Phi_{104}^3\ \Phi_{52}\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
63658	1119	1428	$\frac{16}{357}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{341}{714}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{357}\ \Phi_{204}\ \Phi_{119}\ \Phi_{84}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}\ \Phi_{28}\ \Phi_{21}\ \Phi_{17}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_3\ \Phi_1$
63659	1119	396	$\frac{1}{22}$	$\frac{23}{396}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^3\ \Phi_{99}^3\ \Phi_{66}^3\ \Phi_{44}^2\ \Phi_{36}^3\ \Phi_{33}^3\ \Phi_{22}\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{11}\ \Phi_9^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
63660	1119	704	$\frac{1}{22}$	$\frac{21}{352}$	$\frac{1}{4}$	$\frac{331}{704}$	$\Phi_{704}^3\ \Phi_{64}^3\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{11}\ \Phi_4\ \Phi_1$
63661	1119	2080	$\frac{1}{26}$	$\frac{79}{1040}$	$\frac{25}{104}$	$\frac{961}{2080}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{160}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
63662	1119	688	$\frac{1}{43}$	$\frac{29}{344}$	$\frac{14}{43}$	$\frac{315}{688}$	$\Phi_{688}^3\ \Phi_{43}^2\ \Phi_{16}^3\ \Phi_1^3$
63663	1119	680	$\frac{1}{34}$	$\frac{33}{340}$	$\frac{1}{4}$	$\frac{307}{680}$	$\Phi_{680}^3\ \Phi_{136}^3\ \Phi_{68}^2\ \Phi_{40}^3\ \Phi_{34}\ \Phi_{17}\ \Phi_8^3\ \Phi_4\ \Phi_1$
63664	1119	516	$\frac{1}{43}$	$\frac{14}{129}$	$\frac{143}{516}$	$\frac{115}{258}$	$\Phi_{516}^3\ \Phi_{172}^3\ \Phi_{129}^3\ \Phi_{43}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
63665	1119	416	$\frac{1}{26}$	$\frac{43}{416}$	$\frac{25}{104}$	$\frac{79}{208}$	$\Phi_{416}^3\ \Phi_{208}^2\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{32}^3\ \Phi_{26}^2\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_8^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
63666	1119	387	$\frac{14}{387}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{387}^3\ \Phi_{129}^3\ \Phi_{43}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^3$
63667	1119	572	$\frac{1}{26}$	$\frac{25}{286}$	$\frac{87}{286}$	$\frac{199}{572}$	$\Phi_{572}^3\ \Phi_{286}\ \Phi_{143}\ \Phi_{52}^3\ \Phi_{44}^3\ \Phi_{22}\ \Phi_{11}\ \Phi_4^3\ \Phi_1$
63668	1119	390	$\frac{17}{390}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{390}^3\ \Phi_{195}^3\ \Phi_{130}^3\ \Phi_{78}^3\ \Phi_{65}^3\ \Phi_{39}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{13}^2\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
63669	1119	430	$\frac{1}{43}$	$\frac{57}{430}$	$\frac{14}{43}$	$\frac{29}{86}$	$\Phi_{430}^{3}\,\Phi_{215}^{3}\,\Phi_{43}^{2}\,\Phi_{10}^{3}\,\Phi_{5}^{3}\,\Phi_{1}^{3}$
63670	1119	559	$\frac{4}{559}$	$\frac{185}{559}$	$\frac{186}{559}$	$\frac{187}{559}$	$\Phi_{559}^{2}\,\Phi_{43}^{2}\,\Phi_{13}^{2}\,\Phi_{1}^{3}$
63671	1119	516	$\frac{1}{43}$	$\frac{29}{172}$	$\frac{143}{516}$	$\frac{14}{43}$	$\Phi_{516}^{3}\,\Phi_{258}^{3}\,\Phi_{129}^{3}\,\Phi_{43}^{2}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
63672	1119	546	$\frac{9}{182}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{173}{546}$	$\Phi_{546}^{3}\,\Phi_{273}^{3}\,\Phi_{78}^{3}\,\Phi_{42}^{3}\,\Phi_{39}^{3}\,\Phi_{21}^{3}\,\Phi_{13}^{2}\,\Phi_{6}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
63673	1119	408	$\frac{1}{17}$	$\frac{35}{408}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{408}^{3}\,\Phi_{204}^{2}\,\Phi_{136}^{3}\,\Phi_{102}^{2}\,\Phi_{68}^{3}\,\Phi_{51}^{3}\,\Phi_{34}^{3}\,\Phi_{24}^{3}\,\Phi_{17}^{3}\,\Phi_{12}^{2}\,\Phi_{8}^{3}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
63674	1119	455	$\frac{1}{13}$	$\frac{9}{91}$	$\frac{82}{455}$	$\frac{4}{13}$	$\Phi_{455}^{3}\,\Phi_{65}^{3}\,\Phi_{35}^{3}\,\Phi_{13}^{2}\,\Phi_{5}^{3}\,\Phi_{1}^{3}$
63675	1119	416	$\frac{1}{13}$	$\frac{43}{416}$	$\frac{9}{52}$	$\frac{4}{13}$	$\Phi_{416}^{3}\,\Phi_{208}^{3}\,\Phi_{104}^{3}\,\Phi_{32}^{3}\,\Phi_{16}^{3}\,\Phi_{13}^{2}\,\Phi_{8}^{3}\,\Phi_{1}^{3}$
63676	1119	396	$\frac{23}{396}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{396}^{3}\,\Phi_{198}^{3}\,\Phi_{132}^{2}\,\Phi_{99}^{3}\,\Phi_{66}^{2}\,\Phi_{44}^{3}\,\Phi_{36}^{3}\,\Phi_{33}^{3}\,\Phi_{22}^{3}\,\Phi_{18}^{3}\,\Phi_{12}^{2}\,\Phi_{11}^{3}\,\Phi_{9}^{3}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
63677	1119	528	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{1}{4}$	$\frac{155}{528}$	$\Phi_{528}^{3}\,\Phi_{264}^{3}\,\Phi_{132}^{3}\,\Phi_{66}^{3}\,\Phi_{48}^{3}\,\Phi_{44}^{2}\,\Phi_{33}^{3}\,\Phi_{24}^{3}\,\Phi_{22}\,\Phi_{12}^{3}\,\Phi_{11}\,\Phi_{6}^{3}\,\Phi_{4}\,\Phi_{3}^{3}\,\Phi_{1}$
63678	1119	520	$\frac{1}{26}$	$\frac{79}{520}$	$\frac{25}{104}$	$\frac{147}{520}$	$\Phi_{520}^{2}\,\Phi_{260}^{2}\,\Phi_{130}^{2}\,\Phi_{104}^{3}\,\Phi_{65}^{2}\,\Phi_{52}^{3}\,\Phi_{40}^{2}\,\Phi_{26}^{2}\,\Phi_{20}^{2}\,\Phi_{13}^{2}\,\Phi_{10}^{2}\,\Phi_{8}^{3}\,\Phi_{5}^{2}\,\Phi_{4}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
63679	1119	1020	$\frac{1}{34}$	$\frac{33}{170}$	$\frac{1}{4}$	$\frac{137}{510}$	$\Phi_{1020}^{2}\,\Phi_{510}\,\Phi_{255}\,\Phi_{204}^{2}\,\Phi_{102}\,\Phi_{68}^{2}\,\Phi_{60}^{2}\,\Phi_{51}\,\Phi_{34}\,\Phi_{30}\,\Phi_{17}\,\Phi_{15}\,\Phi_{12}^{2}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
63680	1119	440	$\frac{1}{22}$	$\frac{67}{440}$	$\frac{21}{88}$	$\frac{1}{4}$	$\Phi_{440}^{3}\,\Phi_{220}^{3}\,\Phi_{110}^{3}\,\Phi_{55}^{3}\,\Phi_{44}^{2}\,\Phi_{40}^{3}\,\Phi_{22}\,\Phi_{20}^{3}\,\Phi_{11}\,\Phi_{10}^{3}\,\Phi_{5}^{3}\,\Phi_{4}\,\Phi_{1}$
63681	1119	484	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{111}{484}$	$\frac{1}{4}$	$\Phi_{484}^{2}\,\Phi_{242}^{2}\,\Phi_{121}^{3}\,\Phi_{44}^{3}\,\Phi_{22}^{3}\,\Phi_{11}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
63682	1119	476	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{103}{476}$	$\frac{1}{4}$	$\Phi_{476}^{2}\,\Phi_{238}^{2}\,\Phi_{119}^{3}\,\Phi_{68}^{3}\,\Phi_{34}^{3}\,\Phi_{28}^{2}\,\Phi_{17}^{3}\,\Phi_{14}^{2}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
63683	1120	279	$\frac{1}{279}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{139}{279}$	$\Phi_{279}^{4}\,\Phi_{93}^{4}\,\Phi_{31}^{4}\,\Phi_{9}^{4}\,\Phi_{3}^{5}\,\Phi_{1}^{6}$
63684	1120	1119	$\frac{5}{1119}$	$\frac{281}{1119}$	$\frac{419}{1119}$	$\frac{557}{1119}$	$\Phi_{1119}\,\Phi_{373}\,\Phi_{3}\,\Phi_{1}^{2}$
63685	1120	1784	$\frac{1}{223}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{111}{223}$	$\Phi_{1784}\,\Phi_{223}\,\Phi_{8}^{2}\,\Phi_{1}^{2}$
63686	1120	561	$\frac{1}{187}$	$\frac{47}{187}$	$\frac{1}{3}$	$\frac{93}{187}$	$\Phi_{561}^{3}\,\Phi_{51}^{3}\,\Phi_{33}^{3}\,\Phi_{3}^{2}$
63687	1120	636	$\frac{1}{159}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{79}{159}$	$\Phi_{636}^{3}\,\Phi_{212}^{3}\,\Phi_{159}\,\Phi_{53}\,\Phi_{12}^{4}\,\Phi_{4}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
63688	1120	477	$\frac{1}{159}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{79}{159}$	$\Phi_{477}^{3}\,\Phi_{159}\,\Phi_{53}\,\Phi_{9}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
63689	1120	973	$\frac{1}{139}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{69}{139}$	$\Phi_{973}\,\Phi_{139}^{2}\,\Phi_{7}^{2}\,\Phi_{1}^{4}$
63690	1120	2085	$\frac{1}{139}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{69}{139}$	$\Phi_{2085}\,\Phi_{15}^{2}$
63691	1120	373	$\frac{3}{373}$	$\frac{47}{373}$	$\frac{163}{373}$	$\frac{185}{373}$	$\Phi_{373}^{3}\,\Phi_{1}^{4}$
63692	1120	333	$\frac{1}{111}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{55}{111}$	$\Phi_{333}^{3}\,\Phi_{111}^{4}\,\Phi_{37}^{4}\,\Phi_{9}^{4}\,\Phi_{3}^{5}\,\Phi_{1}^{6}$
63693	1120	222	$\frac{1}{111}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{55}{111}$	$\Phi_{222}^{6}\,\Phi_{111}^{4}\,\Phi_{74}^{6}\,\Phi_{37}^{4}\,\Phi_{6}^{8}\,\Phi_{3}^{5}\,\Phi_{2}^{8}\,\Phi_{1}^{6}$
63694	1120	1119	$\frac{11}{1119}$	$\frac{113}{1119}$	$\frac{503}{1119}$	$\frac{554}{1119}$	$\Phi_{1119}\,\Phi_{373}\,\Phi_{3}\,\Phi_{1}^{2}$
63695	1120	1405	$\frac{3}{281}$	$\frac{1}{5}$	$\frac{71}{281}$	$\frac{139}{281}$	Φ_{1405}
63696	1120	1119	$\frac{13}{1119}$	$\frac{209}{1119}$	$\frac{283}{1119}$	$\frac{553}{1119}$	$\Phi_{1119}\,\Phi_{373}\,\Phi_{3}\,\Phi_{1}^{2}$
63697	1120	561	$\frac{7}{561}$	$\frac{71}{561}$	$\frac{1}{3}$	$\frac{277}{561}$	$\Phi_{561}^{2}\,\Phi_{187}^{2}\,\Phi_{51}^{2}\,\Phi_{33}^{2}\,\Phi_{17}^{2}\,\Phi_{11}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
63698	1120	1027	$\frac{1}{79}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{39}{79}$	$\Phi_{1027}\,\Phi_{79}^{2}\,\Phi_{13}^{2}\,\Phi_{1}^{4}$
63699	1120	1896	$\frac{1}{79}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{39}{79}$	$\Phi_{1896}\,\Phi_{948}\,\Phi_{474}\,\Phi_{24}^{2}\,\Phi_{12}^{2}\,\Phi_{6}^{2}$
63700	1120	150	$\frac{1}{75}$	$\frac{1}{6}$	$\frac{19}{75}$	$\frac{37}{75}$	$\Phi_{150}^{9}\,\Phi_{75}^{6}\,\Phi_{50}^{9}\,\Phi_{30}^{9}\,\Phi_{25}^{6}\,\Phi_{15}^{6}\,\Phi_{10}^{9}\,\Phi_{6}^{8}\,\Phi_{5}^{6}\,\Phi_{3}^{5}\,\Phi_{2}^{8}\,\Phi_{1}^{6}$
63701	1120	373	$\frac{5}{373}$	$\frac{27}{373}$	$\frac{173}{373}$	$\frac{184}{373}$	$\Phi_{373}^{3}\,\Phi_{1}^{4}$
63702	1120	345	$\frac{1}{69}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{34}{69}$	$\Phi_{345}^{3}\,\Phi_{115}^{3}\,\Phi_{69}^{4}\,\Phi_{23}^{4}\,\Phi_{15}^{4}\,\Phi_{5}^{4}\,\Phi_{3}^{5}\,\Phi_{1}^{6}$
63703	1120	207	$\frac{1}{69}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{34}{69}$	$\Phi_{207}^{6}\,\Phi_{69}^{4}\,\Phi_{23}^{4}\,\Phi_{9}^{8}\,\Phi_{3}^{5}\,\Phi_{1}^{6}$
63704	1120	345	$\frac{1}{69}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{34}{69}$	$\Phi_{345}^{3}\,\Phi_{115}^{3}\,\Phi_{69}^{4}\,\Phi_{23}^{4}\,\Phi_{15}^{3}\,\Phi_{5}^{6}\,\Phi_{3}^{4}\,\Phi_{1}^{8}$
63705	1120	1119	$\frac{17}{1119}$	$\frac{71}{1119}$	$\frac{524}{1119}$	$\frac{551}{1119}$	$\Phi_{1119}\,\Phi_{373}\,\Phi_{3}\,\Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
63706	1120	1119	$\frac{17}{1119}$	$\frac{167}{1119}$	$\frac{284}{1119}$	$\frac{551}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63707	1120	561	$\frac{3}{187}$	$\frac{19}{187}$	$\frac{1}{3}$	$\frac{92}{187}$	$\Phi_{561}^3\ \Phi_{51}^3\ \Phi_{33}^3\ \Phi_3^2$
63708	1120	1045	$\frac{1}{55}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{27}{55}$	$\Phi_{1045}\ \Phi_{209}\ \Phi_{95}\ \Phi_{55}^2\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
63709	1120	165	$\frac{1}{55}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{27}{55}$	$\Phi_{165}^{10}\ \Phi_{33}^{11}\ \Phi_{15}^{10}\ \Phi_3^{10}$
63710	1120	1045	$\frac{1}{55}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{27}{55}$	$\Phi_{1045}\ \Phi_{209}\ \Phi_{95}\ \Phi_{55}^2\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
63711	1120	330	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{27}{55}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_{30}^5\ \Phi_{22}^4\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
63712	1120	1288	$\frac{3}{161}$	$\frac{1}{8}$	$\frac{41}{161}$	$\frac{79}{161}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{322}\ \Phi_{184}\ \Phi_{92}\ \Phi_{56}\ \Phi_{46}\ \Phi_{28}\ \Phi_{14}$
63713	1120	373	$\frac{7}{373}$	$\frac{19}{373}$	$\frac{177}{373}$	$\frac{183}{373}$	$\Phi_{373}^3\ \Phi_1^4$
63714	1120	153	$\frac{1}{51}$	$\frac{13}{153}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{153}^8\ \Phi_{51}^6\ \Phi_{17}^6\ \Phi_9^8\ \Phi_3^5\ \Phi_1^6$
63715	1120	423	$\frac{1}{47}$	$\frac{1}{9}$	$\frac{12}{47}$	$\frac{23}{47}$	$\Phi_{423}^3\ \Phi_{141}^3\ \Phi_9^2\ \Phi_3^2$
63716	1120	270	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{23}{135}$	$\frac{22}{45}$	$\Phi_{270}^6\ \Phi_{135}^4\ \Phi_{90}^3\ \Phi_{54}^6\ \Phi_{45}^2\ \Phi_{30}^3\ \Phi_{27}^4\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63717	1120	1119	$\frac{25}{1119}$	$\frac{119}{1119}$	$\frac{286}{1119}$	$\frac{547}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63718	1120	1119	$\frac{25}{1119}$	$\frac{143}{1119}$	$\frac{244}{1119}$	$\frac{547}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63719	1120	561	$\frac{13}{561}$	$\frac{41}{561}$	$\frac{1}{3}$	$\frac{274}{561}$	$\Phi_{561}^2\ \Phi_{187}^2\ \Phi_{51}^2\ \Phi_{33}^2\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
63720	1120	1405	$\frac{7}{281}$	$\frac{36}{281}$	$\frac{1}{5}$	$\frac{137}{281}$	Φ_{1405}
63721	1120	351	$\frac{1}{39}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{19}{39}$	$\Phi_{351}^3\ \Phi_{117}^3\ \Phi_{39}^4\ \Phi_{27}^4\ \Phi_{13}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
63722	1120	195	$\frac{1}{39}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{195}^6\ \Phi_{65}^6\ \Phi_{39}^4\ \Phi_{15}^8\ \Phi_{13}^4\ \Phi_5^8\ \Phi_3^5\ \Phi_1^6$
63723	1120	117	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{19}{39}$	$\Phi_{117}^9\ \Phi_{39}^{10}\ \Phi_{13}^{10}\ \Phi_9^{12}\ \Phi_3^{13}\ \Phi_1^{14}$
63724	1120	1560	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{19}{39}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{130}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
63725	1120	1119	$\frac{29}{1119}$	$\frac{41}{1119}$	$\frac{539}{1119}$	$\frac{545}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63726	1120	1119	$\frac{29}{1119}$	$\frac{104}{1119}$	$\frac{287}{1119}$	$\frac{545}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63727	1120	1243	$\frac{3}{113}$	$\frac{1}{11}$	$\frac{29}{113}$	$\frac{55}{113}$	Φ_{1243}
63728	1120	561	$\frac{5}{187}$	$\frac{12}{187}$	$\frac{1}{3}$	$\frac{91}{187}$	$\Phi_{561}^3\ \Phi_{51}^3\ \Phi_{33}^3\ \Phi_3^2$
63729	1120	1119	$\frac{31}{1119}$	$\frac{115}{1119}$	$\frac{251}{1119}$	$\frac{544}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63730	1120	1089	$\frac{31}{1089}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{529}{1089}$	$\Phi_{1089}\ \Phi_{363}\ \Phi_{121}\ \Phi_{99}\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
63731	1120	2108	$\frac{1}{34}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{33}{68}$	$\Phi_{2108}\ \Phi_{124}\ \Phi_{68}^2\ \Phi_{31}\ \Phi_4^2\ \Phi_1^2$
63732	1120	204	$\frac{1}{34}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{204}^{16}\ \Phi_{51}\ \Phi_{12}^{16}$
63733	1120	2108	$\frac{1}{34}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{33}{68}$	$\Phi_{2108}\ \Phi_{124}\ \Phi_{68}^2\ \Phi_{31}\ \Phi_4^2\ \Phi_1^2$
63734	1120	3060	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{33}{68}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{180}\ \Phi_{60}\ \Phi_{45}\ \Phi_{15}$
63735	1120	373	$\frac{11}{373}$	$\frac{48}{373}$	$\frac{65}{373}$	$\frac{181}{373}$	$\Phi_{373}^3\ \Phi_1^4$
63736	1120	297	$\frac{1}{33}$	$\frac{17}{297}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{297}^4\ \Phi_{99}^4\ \Phi_{33}^2\ \Phi_{27}^4\ \Phi_{11}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
63737	1120	450	$\frac{7}{225}$	$\frac{29}{225}$	$\frac{1}{6}$	$\frac{109}{225}$	$\Phi_{450}^3\ \Phi_{225}^2\ \Phi_{150}^3\ \Phi_{90}^3\ \Phi_{75}^2\ \Phi_{50}^3\ \Phi_{45}^2\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63738	1120	1405	$\frac{9}{281}$	$\frac{29}{281}$	$\frac{1}{5}$	$\frac{136}{281}$	Φ_{1405}
63739	1120	1581	$\frac{1}{31}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{15}{31}$	$\Phi_{1581}\ \Phi_{93}\ \Phi_{51}^2\ \Phi_{31}\ \Phi_3^2\ \Phi_1^2$
63740	1120	527	$\frac{1}{31}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{15}{31}$	$\Phi_{527}^2\ \Phi_{31}^3\ \Phi_{17}^4\ \Phi_1^6$
63741	1120	744	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{15}{31}$	$\Phi_{744}^2\ \Phi_{372}^2\ \Phi_{248}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{31}\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
63742	1120	1119	$\frac{37}{1119}$	$\frac{83}{1119}$	$\frac{289}{1119}$	$\frac{541}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
63743	1120	561	$\frac{19}{561}$	$\frac{29}{561}$	$\frac{1}{3}$	$\frac{271}{561}$	$\Phi_{561}^2\ \Phi_{187}^2\ \Phi_{51}^2\ \Phi_{33}^2\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
63744	1120	189	$\frac{1}{27}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{189}^6\ \Phi_{63}^6\ \Phi_{27}^4\ \Phi_{21}^8\ \Phi_9^4\ \Phi_7^8\ \Phi_3^5\ \Phi_1^6$
63745	1120	135	$\frac{1}{27}$	$\frac{1}{15}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{135}^9\ \Phi_{45}^9\ \Phi_{27}^6\ \Phi_{15}^8\ \Phi_9^6\ \Phi_5^8\ \Phi_3^5\ \Phi_1^6$
63746	1120	351	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{13}{27}$	$\Phi_{351}^3\ \Phi_{117}^3\ \Phi_{39}^3\ \Phi_{27}^4\ \Phi_{13}^6\ \Phi_9^4\ \Phi_3^4\ \Phi_1^8$
63747	1120	1485	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{13}{27}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{165}\ \Phi_{55}^2$
63748	1120	351	$\frac{1}{27}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{13}{27}$	$\Phi_{351}^3\ \Phi_{117}^3\ \Phi_{39}^4\ \Phi_{27}^4\ \Phi_{13}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
63749	1120	54	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{13}{27}$	$\Phi_{54}^{24}\ \Phi_{27}^{16}\ \Phi_{18}^{27}\ \Phi_9^{18}\ \Phi_6^{26}\ \Phi_3^{17}\ \Phi_2^{26}\ \Phi_1^{18}$
63750	1120	1119	$\frac{43}{1119}$	$\frac{83}{1119}$	$\frac{259}{1119}$	$\frac{538}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63751	1120	616	$\frac{3}{77}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{37}{77}$	$\Phi_{616}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{88}^2\ \Phi_{56}^3\ \Phi_{44}^2\ \Phi_{28}^3\ \Phi_{22}^2\ \Phi_{14}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
63752	1120	750	$\frac{1}{25}$	$\frac{13}{125}$	$\frac{1}{6}$	$\frac{12}{25}$	$\Phi_{750}^2\ \Phi_{375}^2\ \Phi_{250}^2\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
63753	1120	184	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{3}{23}$	$\frac{11}{23}$	$\Phi_{184}^7\ \Phi_{92}^7\ \Phi_{46}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6$
63754	1120	1119	$\frac{49}{1119}$	$\frac{139}{1119}$	$\frac{146}{1119}$	$\frac{535}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63755	1120	153	$\frac{2}{51}$	$\frac{7}{153}$	$\frac{1}{3}$	$\frac{73}{153}$	$\Phi_{153}^7\ \Phi_{51}^8\ \Phi_{17}^8\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
63756	1120	1405	$\frac{13}{281}$	$\frac{21}{281}$	$\frac{1}{5}$	$\frac{134}{281}$	Φ_{1405}
63757	1120	1119	$\frac{53}{1119}$	$\frac{59}{1119}$	$\frac{293}{1119}$	$\frac{533}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63758	1120	561	$\frac{7}{187}$	$\frac{9}{187}$	$\frac{1}{3}$	$\frac{89}{187}$	$\Phi_{561}^3\ \Phi_{51}^3\ \Phi_{33}^3\ \Phi_3^2$
63759	1120	373	$\frac{19}{373}$	$\frac{28}{373}$	$\frac{69}{373}$	$\frac{177}{373}$	$\Phi_{373}^3\ \Phi_1^4$
63760	1120	1653	$\frac{1}{29}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{1653}\ \Phi_{87}^2$
63761	1120	399	$\frac{1}{21}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{399}^3\ \Phi_{133}^3\ \Phi_{57}^3\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2$
63762	1120	1045	$\frac{1}{19}$	$\frac{3}{55}$	$\frac{13}{55}$	$\frac{9}{19}$	$\Phi_{1045}\ \Phi_{209}\ \Phi_{95}\ \Phi_{55}^2\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
63763	1120	285	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{285}^4\ \Phi_{95}^3\ \Phi_{57}^4\ \Phi_{19}^4\ \Phi_{15}^8\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
63764	1120	627	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{9}{19}$	$\Phi_{627}^2\ \Phi_{209}\ \Phi_{57}^2\ \Phi_{33}^4\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_3^4\ \Phi_1^4$
63765	1120	1045	$\frac{1}{19}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{9}{19}$	$\Phi_{1045}\ \Phi_{209}\ \Phi_{95}\ \Phi_{55}^2\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
63766	1120	1368	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{9}{19}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{114}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
63767	1120	1119	$\frac{59}{1119}$	$\frac{61}{1119}$	$\frac{265}{1119}$	$\frac{529}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63768	1120	1119	$\frac{61}{1119}$	$\frac{118}{1119}$	$\frac{143}{1119}$	$\frac{529}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63769	1120	1288	$\frac{9}{161}$	$\frac{17}{161}$	$\frac{1}{8}$	$\frac{76}{161}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{322}\ \Phi_{184}\ \Phi_{92}\ \Phi_{56}\ \Phi_{46}\ \Phi_{28}\ \Phi_{14}$
63770	1120	450	$\frac{13}{225}$	$\frac{17}{225}$	$\frac{1}{6}$	$\frac{106}{225}$	$\Phi_{450}^3\ \Phi_{225}^2\ \Phi_{150}^3\ \Phi_{90}^3\ \Phi_{75}^2\ \Phi_{50}^3\ \Phi_{45}^2\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63771	1120	1119	$\frac{65}{1119}$	$\frac{74}{1119}$	$\frac{209}{1119}$	$\frac{527}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63772	1120	867	$\frac{9}{289}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{867}^2\ \Phi_{51}$
63773	1120	66	$\frac{1}{33}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{66}^{32}\ \Phi_{33}^2\ \Phi_{22}^{32}\ \Phi_{11}^2\ \Phi_6^{32}\ \Phi_3\ \Phi_2^{32}\ \Phi_1^2$
63774	1120	1243	$\frac{7}{113}$	$\frac{1}{11}$	$\frac{15}{113}$	$\frac{53}{113}$	Φ_{1243}
63775	1120	1119	$\frac{71}{1119}$	$\frac{119}{1119}$	$\frac{125}{1119}$	$\frac{524}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63776	1120	423	$\frac{3}{47}$	$\frac{5}{47}$	$\frac{1}{9}$	$\frac{22}{47}$	$\Phi_{423}^3\ \Phi_{141}^3\ \Phi_9^2\ \Phi_3^2$
63777	1120	1119	$\frac{73}{1119}$	$\frac{97}{1119}$	$\frac{149}{1119}$	$\frac{523}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63778	1120	180	$\frac{1}{36}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^6\ \Phi_{45}^6\ \Phi_{36}^8\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{18}^8\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_{10}^6\ \Phi_9^8\ \Phi_6^8\ \Phi_5^4\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
63779	1120	690	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{11}{46}$	$\frac{7}{15}$	$\Phi_{690}^2\ \Phi_{345}\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{115}\ \Phi_{69}\ \Phi_{46}^4\ \Phi_{30}^2\ \Phi_{23}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
63780	1120	345	$\frac{4}{69}$	$\frac{1}{15}$	$\frac{13}{69}$	$\frac{7}{15}$	$\Phi_{345}^3\ \Phi_{115}^3\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
63781	1120	30	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{30}^{45}\ \Phi_{15}^{30}\ \Phi_{10}^{45}\ \Phi_6^{44}\ \Phi_5^{30}\ \Phi_3^{29}\ \Phi_2^{44}\ \Phi_1^{30}$
63782	1120	345	$\frac{1}{15}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{7}{15}$	$\Phi_{345}^3\ \Phi_{115}^3\ \Phi_{69}^3\ \Phi_{23}^6\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^4\ \Phi_1^8$
63783	1120	1320	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{15}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{132}\ \Phi_{110}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{22}^2$
63784	1120	1405	$\frac{15}{281}$	$\frac{19}{281}$	$\frac{1}{5}$	$\frac{131}{281}$	Φ_{1405}
63785	1120	1119	$\frac{41}{1119}$	$\frac{77}{1119}$	$\frac{299}{1119}$	$\frac{521}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63786	1120	561	$\frac{5}{187}$	$\frac{13}{187}$	$\frac{1}{3}$	$\frac{87}{187}$	$\Phi_{561}^3\ \Phi_{51}^3\ \Phi_{33}^3\ \Phi_3^2$
63787	1120	1189	$\frac{1}{29}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	Φ_{1189}
63788	1120	1119	$\frac{43}{1119}$	$\frac{85}{1119}$	$\frac{269}{1119}$	$\frac{517}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63789	1120	1599	$\frac{1}{41}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1599}\ \Phi_{123}^2$
63790	1120	1027	$\frac{3}{79}$	$\frac{1}{13}$	$\frac{19}{79}$	$\frac{6}{13}$	$\Phi_{1027}\ \Phi_{79}^2\ \Phi_{13}^2\ \Phi_1^4$
63791	1120	1365	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{195}\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{15}^2$
63792	1120	1027	$\frac{4}{79}$	$\frac{1}{13}$	$\frac{15}{79}$	$\frac{6}{13}$	$\Phi_{1027}\ \Phi_{79}^2\ \Phi_{13}^2\ \Phi_1^4$
63793	1120	1326	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{442}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}^2$
63794	1120	1027	$\frac{1}{13}$	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{6}{13}$	$\Phi_{1027}\ \Phi_{79}^2\ \Phi_{13}^2\ \Phi_1^4$
63795	1120	1287	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{6}{13}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{99}^2\ \Phi_{33}^2$
63796	1120	528	$\frac{1}{33}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{528}^3\ \Phi_{176}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{48}^2\ \Phi_{44}^3\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63797	1120	405	$\frac{1}{15}$	$\frac{7}{81}$	$\frac{11}{81}$	$\frac{37}{81}$	$\Phi_{405}^3\ \Phi_{135}^3\ \Phi_{81}^2\ \Phi_{45}^3\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
63798	1120	1119	$\frac{76}{1119}$	$\frac{97}{1119}$	$\frac{149}{1119}$	$\frac{511}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63799	1120	373	$\frac{29}{373}$	$\frac{33}{373}$	$\frac{43}{373}$	$\frac{170}{373}$	$\Phi_{373}^3\ \Phi_1^4$
63800	1120	429	$\frac{3}{143}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{429}^4\ \Phi_{39}^4\ \Phi_{33}^3\ \Phi_3^2$
63801	1120	396	$\frac{1}{36}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^3\ \Phi_{99}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{36}^2\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2$
63802	1120	423	$\frac{11}{141}$	$\frac{13}{141}$	$\frac{1}{9}$	$\frac{64}{141}$	$\Phi_{423}^3\ \Phi_{141}^2\ \Phi_{47}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
63803	1120	1288	$\frac{11}{161}$	$\frac{15}{161}$	$\frac{1}{8}$	$\frac{73}{161}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{322}\ \Phi_{184}\ \Phi_{92}\ \Phi_{56}\ \Phi_{46}\ \Phi_{28}\ \Phi_{14}$
63804	1120	2112	$\frac{1}{33}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
63805	1120	373	$\frac{23}{373}$	$\frac{35}{373}$	$\frac{51}{373}$	$\frac{169}{373}$	$\Phi_{373}^3\ \Phi_1^4$
63806	1120	1405	$\frac{11}{281}$	$\frac{27}{281}$	$\frac{1}{5}$	$\frac{127}{281}$	Φ_{1405}
63807	1120	1119	$\frac{29}{1119}$	$\frac{109}{1119}$	$\frac{307}{1119}$	$\frac{505}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63808	1120	51	$\frac{1}{51}$	$\frac{5}{51}$	$\frac{1}{3}$	$\frac{23}{51}$	$\Phi_{51}^{22}\ \Phi_{17}^{22}\ \Phi_3^{21}\ \Phi_1^{22}$
63809	1120	1119	$\frac{44}{1119}$	$\frac{113}{1119}$	$\frac{215}{1119}$	$\frac{503}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63810	1120	1189	$\frac{1}{41}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	Φ_{1189}
63811	1120	1119	$\frac{31}{1119}$	$\frac{121}{1119}$	$\frac{272}{1119}$	$\frac{499}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63812	1120	1119	$\frac{62}{1119}$	$\frac{121}{1119}$	$\frac{151}{1119}$	$\frac{499}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63813	1120	171	$\frac{1}{57}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{171}^6\ \Phi_{57}^8\ \Phi_{19}^8\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
63814	1120	333	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{9}{37}$	$\frac{4}{9}$	$\Phi_{333}^3\ \Phi_{111}^3\ \Phi_{37}^6\ \Phi_9^4\ \Phi_3^4\ \Phi_1^8$
63815	1120	1305	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{145}^2$
63816	1120	234	$\frac{5}{117}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{234}^6\ \Phi_{117}^4\ \Phi_{78}^6\ \Phi_{39}^4\ \Phi_{26}^6\ \Phi_{18}^3\ \Phi_{13}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63817	1120	333	$\frac{2}{37}$	$\frac{1}{9}$	$\frac{5}{37}$	$\frac{4}{9}$	$\Phi_{333}^3\ \Phi_{111}^3\ \Phi_{37}^6\ \Phi_9^4\ \Phi_3^4\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
63818	1120	1224	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{34}^2$
63819	1120	333	$\frac{7}{111}$	$\frac{1}{9}$	$\frac{13}{111}$	$\frac{4}{9}$	$\Phi_{333}^3\ \Phi_{111}^4\ \Phi_{37}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
63820	1120	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{45}^{27}\ \Phi_{15}^{26}\ \Phi_9^{18}\ \Phi_5^{26}\ \Phi_3^{17}\ \Phi_1^{18}$
63821	1120	1119	$\frac{89}{1119}$	$\frac{103}{1119}$	$\frac{127}{1119}$	$\frac{496}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63822	1120	1243	$\frac{9}{113}$	$\frac{1}{11}$	$\frac{13}{113}$	$\frac{50}{113}$	Φ_{1243}
63823	1120	373	$\frac{13}{373}$	$\frac{43}{373}$	$\frac{72}{373}$	$\frac{165}{373}$	$\Phi_{373}^3\ \Phi_1^4$
63824	1120	1119	$\frac{71}{1119}$	$\frac{125}{1119}$	$\frac{131}{1119}$	$\frac{494}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63825	1120	1288	$\frac{9}{161}$	$\frac{19}{161}$	$\frac{1}{8}$	$\frac{71}{161}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{322}\ \Phi_{184}\ \Phi_{92}\ \Phi_{56}\ \Phi_{46}\ \Phi_{28}\ \Phi_{14}$
63826	1120	150	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{1}{6}$	$\frac{11}{25}$	$\Phi_{150}^9\ \Phi_{75}^9\ \Phi_{50}^9\ \Phi_{30}^9\ \Phi_{15}^9\ \Phi_{10}^9\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8$
63827	1120	1119	$\frac{23}{1119}$	$\frac{137}{1119}$	$\frac{314}{1119}$	$\frac{491}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63828	1120	399	$\frac{1}{21}$	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{25}{57}$	$\Phi_{399}^3\ \Phi_{133}^3\ \Phi_{57}^2\ \Phi_{21}^2\ \Phi_{19}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
63829	1120	561	$\frac{3}{187}$	$\frac{23}{187}$	$\frac{1}{3}$	$\frac{82}{187}$	$\Phi_{561}^3\ \Phi_{51}^3\ \Phi_{33}^3\ \Phi_3^2$
63830	1120	373	$\frac{21}{373}$	$\frac{44}{373}$	$\frac{47}{373}$	$\frac{163}{373}$	$\Phi_{373}^3\ \Phi_1^4$
63831	1120	1207	$\frac{1}{17}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{31}{71}$	Φ_{1207}
63832	1120	1119	$\frac{79}{1119}$	$\frac{104}{1119}$	$\frac{145}{1119}$	$\frac{487}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63833	1120	1243	$\frac{8}{113}$	$\frac{1}{11}$	$\frac{15}{113}$	$\frac{49}{113}$	Φ_{1243}
63834	1120	423	$\frac{8}{141}$	$\frac{1}{9}$	$\frac{19}{141}$	$\frac{61}{141}$	$\Phi_{423}^3\ \Phi_{141}^2\ \Phi_{47}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
63835	1120	1119	$\frac{62}{1119}$	$\frac{127}{1119}$	$\frac{151}{1119}$	$\frac{484}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63836	1120	373	$\frac{16}{373}$	$\frac{51}{373}$	$\frac{53}{373}$	$\frac{161}{373}$	$\Phi_{373}^3\ \Phi_1^4$
63837	1120	450	$\frac{8}{225}$	$\frac{31}{225}$	$\frac{1}{6}$	$\frac{97}{225}$	$\Phi_{450}^3\ \Phi_{225}^2\ \Phi_{150}^3\ \Phi_{90}^3\ \Phi_{75}^2\ \Phi_{50}^3\ \Phi_{45}^2\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63838	1120	1405	$\frac{8}{281}$	$\frac{39}{281}$	$\frac{1}{5}$	$\frac{121}{281}$	Φ_{1405}
63839	1120	1119	$\frac{20}{1119}$	$\frac{157}{1119}$	$\frac{319}{1119}$	$\frac{481}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63840	1120	561	$\frac{8}{561}$	$\frac{79}{561}$	$\frac{1}{3}$	$\frac{241}{561}$	$\Phi_{561}^2\ \Phi_{187}^2\ \Phi_{51}^2\ \Phi_{33}^2\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
63841	1120	1491	$\frac{1}{71}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1491}\ \Phi_{213}^2$
63842	1120	399	$\frac{1}{57}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{399}^3\ \Phi_{133}^3\ \Phi_{57}^2\ \Phi_{21}^3\ \Phi_{19}^2\ \Phi_3^2$
63843	1120	973	$\frac{3}{139}$	$\frac{1}{7}$	$\frac{34}{139}$	$\frac{3}{7}$	$\Phi_{973}\ \Phi_{139}^2\ \Phi_7^2\ \Phi_1^4$
63844	1120	1260	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2$
63845	1120	973	$\frac{4}{139}$	$\frac{1}{7}$	$\frac{27}{139}$	$\frac{3}{7}$	$\Phi_{973}\ \Phi_{139}^2\ \Phi_7^2\ \Phi_1^4$
63846	1120	1218	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{406}\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{58}^2$
63847	1120	973	$\frac{6}{139}$	$\frac{19}{139}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{973}\ \Phi_{139}^2\ \Phi_7^2\ \Phi_1^4$
63848	1120	168	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{168}^8\ \Phi_{84}^8\ \Phi_{56}^7\ \Phi_{42}^8\ \Phi_{28}^7\ \Phi_{24}^8\ \Phi_{14}^7\ \Phi_{12}^8\ \Phi_8^6\ \Phi_6^8\ \Phi_4^6\ \Phi_2^6$
63849	1120	973	$\frac{9}{139}$	$\frac{13}{139}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{973}\ \Phi_{139}^2\ \Phi_7^2\ \Phi_1^4$
63850	1120	1155	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}^2\ \Phi_{55}^2\ \Phi_{33}^2$
63851	1120	1119	$\frac{23}{1119}$	$\frac{169}{1119}$	$\frac{274}{1119}$	$\frac{475}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63852	1120	552	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{11}{69}$	$\frac{29}{69}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{184}^3\ \Phi_{138}^2\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
63853	1120	324	$\frac{1}{81}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{324}^6\ \Phi_{108}^6\ \Phi_{81}^2\ \Phi_{36}^6\ \Phi_{27}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
63854	1120	636	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{13}{53}$	$\frac{5}{12}$	$\Phi_{636}^3\ \Phi_{212}^3\ \Phi_{53}^3\ \Phi_{12}^4\ \Phi_4^4\ \Phi_1^4$
63855	1120	2460	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{2460}\ \Phi_{820}\ \Phi_{205}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
63856	1120	636	$\frac{4}{159}$	$\frac{1}{6}$	$\frac{31}{159}$	$\frac{5}{12}$	$\Phi_{636}^3\ \Phi_{212}^3\ \Phi_{159}\ \Phi_{53}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
63857	1120	132	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{132}^{15}\ \Phi_{66}^3\ \Phi_{44}^{15}\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{12}^{10}\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63858	1120	636	$\frac{7}{159}$	$\frac{19}{159}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{636}^3\ \Phi_{212}^3\ \Phi_{159}\ \Phi_{53}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
63859	1120	252	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{252}^9\ \Phi_{84}^6\ \Phi_{63}^3\ \Phi_{36}^6\ \Phi_{28}^6\ \Phi_{21}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_7^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
63860	1120	636	$\frac{3}{53}$	$\frac{5}{53}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{636}^3\ \Phi_{212}^3\ \Phi_{53}^3\ \Phi_{12}^4\ \Phi_4^4\ \Phi_1^4$
63861	1120	2244	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2244}\ \Phi_{748}\ \Phi_{187}$
63862	1120	1189	$\frac{1}{29}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	Φ_{1189}
63863	1120	1119	$\frac{41}{1119}$	$\frac{154}{1119}$	$\frac{193}{1119}$	$\frac{463}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63864	1120	1119	$\frac{47}{1119}$	$\frac{134}{1119}$	$\frac{197}{1119}$	$\frac{461}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63865	1120	1207	$\frac{1}{71}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	Φ_{1207}
63866	1120	1207	$\frac{1}{17}$	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{29}{71}$	Φ_{1207}
63867	1120	135	$\frac{1}{15}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{135}^9\ \Phi_{45}^9\ \Phi_{27}^6\ \Phi_{15}^8\ \Phi_9^6\ \Phi_5^8\ \Phi_3^5\ \Phi_1^6$
63868	1120	1119	$\frac{74}{1119}$	$\frac{83}{1119}$	$\frac{209}{1119}$	$\frac{455}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63869	1120	1119	$\frac{19}{1119}$	$\frac{211}{1119}$	$\frac{275}{1119}$	$\frac{454}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63870	1120	1119	$\frac{64}{1119}$	$\frac{95}{1119}$	$\frac{211}{1119}$	$\frac{454}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63871	1120	423	$\frac{2}{47}$	$\frac{1}{9}$	$\frac{9}{47}$	$\frac{19}{47}$	$\Phi_{423}^3\ \Phi_{141}^3\ \Phi_9^2\ \Phi_3^2$
63872	1120	1288	$\frac{6}{161}$	$\frac{1}{8}$	$\frac{31}{161}$	$\frac{65}{161}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{322}\ \Phi_{184}\ \Phi_{92}\ \Phi_{56}\ \Phi_{46}\ \Phi_{28}\ \Phi_{14}$
63873	1120	1119	$\frac{34}{1119}$	$\frac{167}{1119}$	$\frac{217}{1119}$	$\frac{451}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63874	1120	1405	$\frac{6}{281}$	$\frac{55}{281}$	$\frac{1}{5}$	$\frac{113}{281}$	Φ_{1405}
63875	1120	1119	$\frac{14}{1119}$	$\frac{221}{1119}$	$\frac{335}{1119}$	$\frac{449}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63876	1120	561	$\frac{2}{187}$	$\frac{37}{187}$	$\frac{1}{3}$	$\frac{75}{187}$	$\Phi_{561}^3\ \Phi_{51}^3\ \Phi_{33}^3\ \Phi_3^2$
63877	1120	810	$\frac{1}{81}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{810}^2\ \Phi_{405}\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_6^2$
63878	1120	690	$\frac{3}{115}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
63879	1120	373	$\frac{8}{373}$	$\frac{73}{373}$	$\frac{75}{373}$	$\frac{149}{373}$	$\Phi_{373}^3\ \Phi_1^4$
63880	1120	396	$\frac{1}{36}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^3\ \Phi_{99}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63881	1120	1119	$\frac{34}{1119}$	$\frac{155}{1119}$	$\frac{241}{1119}$	$\frac{439}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63882	1120	1189	$\frac{1}{29}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	Φ_{1189}
63883	1120	1119	$\frac{49}{1119}$	$\frac{107}{1119}$	$\frac{253}{1119}$	$\frac{433}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63884	1120	399	$\frac{1}{21}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{399}^3\ \Phi_{133}^3\ \Phi_{57}^2\ \Phi_{21}^2\ \Phi_{19}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
63885	1120	373	$\frac{23}{373}$	$\frac{25}{373}$	$\frac{87}{373}$	$\frac{143}{373}$	$\Phi_{373}^3\ \Phi_1^4$
63886	1120	405	$\frac{5}{81}$	$\frac{1}{15}$	$\frac{19}{81}$	$\frac{31}{81}$	$\Phi_{405}^3\ \Phi_{135}^3\ \Phi_{81}^2\ \Phi_{45}^3\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
63887	1120	373	$\frac{17}{373}$	$\frac{33}{373}$	$\frac{89}{373}$	$\frac{142}{373}$	$\Phi_{373}^3\ \Phi_1^4$
63888	1120	1243	$\frac{5}{113}$	$\frac{1}{11}$	$\frac{27}{113}$	$\frac{43}{113}$	Φ_{1243}
63889	1120	1119	$\frac{35}{1119}$	$\frac{139}{1119}$	$\frac{271}{1119}$	$\frac{424}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$
63890	1120	1288	$\frac{5}{161}$	$\frac{1}{8}$	$\frac{39}{161}$	$\frac{61}{161}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{322}\ \Phi_{184}\ \Phi_{92}\ \Phi_{56}\ \Phi_{46}\ \Phi_{28}\ \Phi_{14}$
63891	1120	373	$\frac{9}{373}$	$\frac{58}{373}$	$\frac{91}{373}$	$\frac{141}{373}$	$\Phi_{373}^3\ \Phi_1^4$
63892	1120	90	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{11}{45}$	$\frac{17}{45}$	$\Phi_{90}^{15}\ \Phi_{45}^{10}\ \Phi_{30}^{15}\ \Phi_{18}^{15}\ \Phi_{15}^{10}\ \Phi_{10}^{15}\ \Phi_9^{10}\ \Phi_6^{14}\ \Phi_5^{10}\ \Phi_3^9\ \Phi_2^{14}\ \Phi_1^{10}$
63893	1120	1405	$\frac{5}{281}$	$\frac{1}{5}$	$\frac{69}{281}$	$\frac{106}{281}$	Φ_{1405}
63894	1120	1119	$\frac{11}{1119}$	$\frac{277}{1119}$	$\frac{349}{1119}$	$\frac{421}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
63895	1120	561	$\frac{5}{561}$	$\frac{139}{561}$	$\frac{1}{3}$	$\frac{211}{561}$	$\Phi_{561}^{2}\ \Phi_{187}^{2}\ \Phi_{51}^{2}\ \Phi_{33}^{2}\ \Phi_{17}^{2}\ \Phi_{11}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
63896	1120	2712	$\frac{1}{113}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2712}\ \Phi_{339}$
63897	1120	1784	$\frac{3}{223}$	$\frac{55}{223}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1784}\ \Phi_{223}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
63898	1120	2280	$\frac{1}{57}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{285}\ \Phi_{120}\ \Phi_{95}\ \Phi_{15}$
63899	1120	1784	$\frac{6}{223}$	$\frac{31}{223}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1784}\ \Phi_{223}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
63900	1120	264	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^{4}\ \Phi_{132}^{5}\ \Phi_{88}^{4}\ \Phi_{66}^{5}\ \Phi_{44}^{5}\ \Phi_{33}^{4}\ \Phi_{24}^{4}\ \Phi_{22}^{5}\ \Phi_{12}^{5}\ \Phi_{11}^{4}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
63901	1120	1784	$\frac{7}{223}$	$\frac{27}{223}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1784}\ \Phi_{223}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
63902	1120	2088	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{261}\ \Phi_{87}$
63903	1120	1784	$\frac{13}{223}$	$\frac{15}{223}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1784}\ \Phi_{223}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
63904	1120	2040	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{255}\ \Phi_{85}\ \Phi_{51}$
63905	1120	594	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{594}^{3}\ \Phi_{198}^{3}\ \Phi_{99}^{3}\ \Phi_{66}^{3}\ \Phi_{54}^{2}\ \Phi_{33}^{3}\ \Phi_{22}^{3}\ \Phi_{18}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
63906	1120	141	$\frac{1}{141}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{141}^{8}\ \Phi_{47}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
63907	1120	837	$\frac{2}{279}$	$\frac{277}{837}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{837}^{2}\ \Phi_{27}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
63908	1120	93	$\frac{1}{93}$	$\frac{23}{93}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{93}^{12}\ \Phi_{31}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
63909	1120	81	$\frac{1}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{81}^{14}\ \Phi_{27}^{14}\ \Phi_{9}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
63910	1120	1065	$\frac{1}{71}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1065}\ \Phi_{355}^{2}$
63911	1120	279	$\frac{4}{279}$	$\frac{55}{279}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{279}^{4}\ \Phi_{93}^{4}\ \Phi_{31}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
63912	1120	114	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{114}^{12}\ \Phi_{57}^{8}\ \Phi_{38}^{12}\ \Phi_{19}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
63913	1120	93	$\frac{2}{93}$	$\frac{13}{93}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{93}^{12}\ \Phi_{31}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
63914	1120	984	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{328}^{2}\ \Phi_{246}\ \Phi_{164}^{2}\ \Phi_{82}^{2}$
63915	1120	279	$\frac{7}{279}$	$\frac{34}{279}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{279}^{4}\ \Phi_{93}^{4}\ \Phi_{31}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
63916	1120	36	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{36}^{32}\ \Phi_{18}^{32}\ \Phi_{12}^{32}\ \Phi_{9}^{28}\ \Phi_{6}^{32}\ \Phi_{4}^{32}\ \Phi_{3}^{29}\ \Phi_{2}^{32}\ \Phi_{1}^{30}$
63917	1120	93	$\frac{1}{31}$	$\frac{3}{31}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{93}^{9}\ \Phi_{31}^{18}\ \Phi_{3}^{10}\ \Phi_{1}^{20}$
63918	1120	957	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{957}\ \Phi_{319}^{2}$
63919	1120	279	$\frac{13}{279}$	$\frac{19}{279}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{279}^{4}\ \Phi_{93}^{4}\ \Phi_{31}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
63920	1120	105	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^{12}\ \Phi_{35}^{12}\ \Phi_{21}^{8}\ \Phi_{15}^{8}\ \Phi_{7}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
63921	1120	477	$\frac{2}{159}$	$\frac{2}{9}$	$\frac{157}{477}$	$\frac{1}{3}$	$\Phi_{477}^{2}\ \Phi_{159}^{3}\ \Phi_{53}^{3}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
63922	1120	666	$\frac{2}{111}$	$\frac{1}{6}$	$\frac{109}{333}$	$\frac{1}{3}$	$\Phi_{666}^{3}\ \Phi_{333}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
63923	1120	207	$\frac{2}{69}$	$\frac{1}{9}$	$\frac{67}{207}$	$\frac{1}{3}$	$\Phi_{207}^{5}\ \Phi_{69}^{6}\ \Phi_{23}^{6}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
63924	1120	165	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{53}{165}$	$\frac{1}{3}$	$\Phi_{165}^{5}\ \Phi_{55}^{10}\ \Phi_{33}^{6}\ \Phi_{15}^{5}\ \Phi_{11}^{10}\ \Phi_{5}^{10}\ \Phi_{3}^{5}\ \Phi_{1}^{10}$
63925	1120	153	$\frac{2}{51}$	$\frac{13}{153}$	$\frac{49}{153}$	$\frac{1}{3}$	$\Phi_{153}^{7}\ \Phi_{51}^{8}\ \Phi_{17}^{8}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
63926	1120	585	$\frac{2}{39}$	$\frac{1}{15}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{585}^{3}\ \Phi_{117}^{2}\ \Phi_{45}^{3}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
63927	1120	51	$\frac{1}{17}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{51}^{17}\ \Phi_{17}^{32}\ \Phi_{3}^{16}\ \Phi_{1}^{32}$
63928	1120	297	$\frac{17}{297}$	$\frac{2}{33}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{297}^{4}\ \Phi_{99}^{3}\ \Phi_{33}^{4}\ \Phi_{27}^{4}\ \Phi_{11}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
63929	1120	567	$\frac{1}{21}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{567}^{3}\ \Phi_{81}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
63930	1120	99	$\frac{1}{33}$	$\frac{4}{33}$	$\frac{29}{99}$	$\frac{1}{3}$	$\Phi_{99}^{16}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{16}\ \Phi_{3}\ \Phi_{1}^{2}$
63931	1120	180	$\frac{1}{36}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{180}^{6}\ \Phi_{90}^{6}\ \Phi_{60}^{6}\ \Phi_{45}^{5}\ \Phi_{36}^{8}\ \Phi_{30}^{6}\ \Phi_{20}^{6}\ \Phi_{18}^{8}\ \Phi_{15}^{6}\ \Phi_{12}^{8}\ \Phi_{10}^{6}\ \Phi_{9}^{7}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
63932	1120	153	$\frac{1}{51}$	$\frac{10}{51}$	$\frac{41}{153}$	$\frac{1}{3}$	$\Phi_{153}^{10}\ \Phi_{51}^{2}\ \Phi_{17}^{2}\ \Phi_{9}^{10}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
63933	1120	513	$\frac{1}{57}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{513}^3\ \Phi_{57}^2\ \Phi_{27}^2\ \Phi_{19}^2\ \Phi_3\ \Phi_1^2$
63934	1120	561	$\frac{3}{187}$	$\frac{46}{187}$	$\frac{47}{187}$	$\frac{1}{3}$	$\Phi_{561}^3\ \Phi_{51}^3\ \Phi_{33}^3\ \Phi_3^2$
63935	1120	477	$\frac{1}{53}$	$\frac{2}{9}$	$\frac{13}{53}$	$\frac{1}{3}$	$\Phi_{477}^3\ \Phi_{53}^3\ \Phi_9^4\ \Phi_1^4$
63936	1120	2085	$\frac{3}{139}$	$\frac{1}{5}$	$\frac{34}{139}$	$\frac{1}{3}$	$\Phi_{2085}\ \Phi_{15}^2$
63937	1120	561	$\frac{13}{561}$	$\frac{106}{561}$	$\frac{137}{561}$	$\frac{1}{3}$	$\Phi_{561}^2\ \Phi_{187}^2\ \Phi_{51}^2\ \Phi_{33}^2\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
63938	1120	222	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{9}{37}$	$\frac{1}{3}$	$\Phi_{222}^6\ \Phi_{111}^3\ \Phi_{74}^6\ \Phi_{37}^6\ \Phi_6^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
63939	1120	33	$\frac{1}{33}$	$\frac{5}{33}$	$\frac{8}{33}$	$\frac{1}{3}$	$\Phi_{33}^{34}\ \Phi_{11}^{34}\ \Phi_3^{33}\ \Phi_1^{34}$
63940	1120	1896	$\frac{3}{79}$	$\frac{1}{8}$	$\frac{19}{79}$	$\frac{1}{3}$	$\Phi_{1896}\ \Phi_{948}\ \Phi_{474}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
63941	1120	414	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{11}{46}$	$\frac{1}{3}$	$\Phi_{414}^4\ \Phi_{207}^2\ \Phi_{138}^2\ \Phi_{69}\ \Phi_{46}^4\ \Phi_{23}^2\ \Phi_{18}^4\ \Phi_9^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
63942	1120	561	$\frac{25}{561}$	$\frac{61}{561}$	$\frac{134}{561}$	$\frac{1}{3}$	$\Phi_{561}^2\ \Phi_{187}^2\ \Phi_{51}^2\ \Phi_{33}^2\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
63943	1120	165	$\frac{3}{55}$	$\frac{1}{11}$	$\frac{13}{55}$	$\frac{1}{3}$	$\Phi_{165}^{10}\ \Phi_{33}^{11}\ \Phi_{15}^{10}\ \Phi_3^{10}$
63944	1120	153	$\frac{1}{17}$	$\frac{13}{153}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{153}^8\ \Phi_{51}^5\ \Phi_{17}^8\ \Phi_9^8\ \Phi_3^4\ \Phi_1^8$
63945	1120	561	$\frac{37}{561}$	$\frac{43}{561}$	$\frac{131}{561}$	$\frac{1}{3}$	$\Phi_{561}^2\ \Phi_{187}^2\ \Phi_{51}^2\ \Phi_{33}^2\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
63946	1120	195	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{195}^6\ \Phi_{65}^6\ \Phi_{39}^8\ \Phi_{15}^8\ \Phi_{13}^6\ \Phi_5^8\ \Phi_3^4\ \Phi_1^8$
63947	1120	363	$\frac{2}{33}$	$\frac{31}{363}$	$\frac{83}{363}$	$\frac{1}{3}$	$\Phi_{363}^3\ \Phi_{121}^3\ \Phi_{33}^4\ \Phi_{11}^4\ \Phi_3^3\ \Phi_1^4$
63948	1120	561	$\frac{31}{561}$	$\frac{53}{561}$	$\frac{127}{561}$	$\frac{1}{3}$	$\Phi_{561}^2\ \Phi_{187}^2\ \Phi_{51}^2\ \Phi_{33}^2\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
63949	1120	1845	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1845}\ \Phi_{205}$
63950	1120	477	$\frac{4}{159}$	$\frac{31}{159}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{477}^3\ \Phi_{159}\ \Phi_{53}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
63951	1120	198	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{198}^9\ \Phi_{99}^6\ \Phi_{66}^3\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{18}^6\ \Phi_{11}^2\ \Phi_9^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
63952	1120	477	$\frac{7}{159}$	$\frac{19}{159}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{477}^3\ \Phi_{159}\ \Phi_{53}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
63953	1120	63	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{63}^{18}\ \Phi_{21}^{20}\ \Phi_9^{12}\ \Phi_7^{20}\ \Phi_3^{13}\ \Phi_1^{14}$
63954	1120	477	$\frac{3}{53}$	$\frac{5}{53}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{477}^3\ \Phi_{53}^3\ \Phi_9^4\ \Phi_1^4$
63955	1120	1683	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1683}\ \Phi_{187}$
63956	1120	51	$\frac{2}{51}$	$\frac{7}{51}$	$\frac{11}{51}$	$\frac{1}{3}$	$\Phi_{51}^{22}\ \Phi_{17}^{22}\ \Phi_3^{21}\ \Phi_1^{22}$
63957	1120	1653	$\frac{1}{29}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{1653}\ \Phi_{87}^2$
63958	1120	561	$\frac{16}{561}$	$\frac{109}{561}$	$\frac{113}{561}$	$\frac{1}{3}$	$\Phi_{561}^2\ \Phi_{187}^2\ \Phi_{51}^2\ \Phi_{33}^2\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
63959	1120	180	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^6\ \Phi_{45}^6\ \Phi_{36}^8\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{18}^8\ \Phi_{15}^3\ \Phi_{12}^8\ \Phi_{10}^6\ \Phi_9^8\ \Phi_6^8\ \Phi_5^6\ \Phi_4^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
63960	1120	2085	$\frac{4}{139}$	$\frac{27}{139}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2085}\ \Phi_{15}^2$
63961	1120	870	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{870}^2\ \Phi_{435}\ \Phi_{290}^2\ \Phi_{145}^2$
63962	1120	2085	$\frac{6}{139}$	$\frac{19}{139}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2085}\ \Phi_{15}^2$
63963	1120	840	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
63964	1120	2085	$\frac{9}{139}$	$\frac{13}{139}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2085}\ \Phi_{15}^2$
63965	1120	165	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{165}^7\ \Phi_{55}^8\ \Phi_{33}^8\ \Phi_{11}^8$
63966	1120	1896	$\frac{4}{79}$	$\frac{1}{8}$	$\frac{15}{79}$	$\frac{1}{3}$	$\Phi_{1896}\ \Phi_{948}\ \Phi_{474}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
63967	1120	561	$\frac{31}{561}$	$\frac{65}{561}$	$\frac{106}{561}$	$\frac{1}{3}$	$\Phi_{561}^2\ \Phi_{187}^2\ \Phi_{51}^2\ \Phi_{33}^2\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
63968	1120	207	$\frac{4}{69}$	$\frac{1}{9}$	$\frac{13}{69}$	$\frac{1}{3}$	$\Phi_{207}^6\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_9^8\ \Phi_3^5\ \Phi_1^6$
63969	1120	561	$\frac{12}{187}$	$\frac{19}{187}$	$\frac{35}{187}$	$\frac{1}{3}$	$\Phi_{561}^3\ \Phi_{51}^3\ \Phi_{33}^3\ \Phi_3^2$
63970	1120	363	$\frac{9}{121}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{363}^5\ \Phi_{33}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
63971	1120	195	$\frac{1}{15}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{195}^{6}\ \Phi_{65}^{6}\ \Phi_{39}^{4}\ \Phi_{15}^{8}\ \Phi_{13}^{4}\ \Phi_{5}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
63972	1120	51	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{51}^{33}\ \Phi_{3}^{32}$
63973	1120	561	$\frac{29}{561}$	$\frac{76}{561}$	$\frac{97}{561}$	$\frac{1}{3}$	$\Phi_{561}^{2}\ \Phi_{187}^{2}\ \Phi_{51}^{2}\ \Phi_{33}^{2}\ \Phi_{17}^{2}\ \Phi_{11}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
63974	1120	222	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{222}^{6}\ \Phi_{111}^{3}\ \Phi_{74}^{6}\ \Phi_{37}^{6}\ \Phi_{6}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
63975	1120	408	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{408}^{3}\ \Phi_{204}^{3}\ \Phi_{136}^{4}\ \Phi_{102}\ \Phi_{68}^{4}\ \Phi_{51}^{2}\ \Phi_{34}^{2}\ \Phi_{17}^{2}$
63976	1120	222	$\frac{7}{111}$	$\frac{13}{111}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{222}^{6}\ \Phi_{111}^{4}\ \Phi_{74}^{6}\ \Phi_{37}^{4}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
63977	1120	90	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{90}^{18}\ \Phi_{45}^{12}\ \Phi_{30}^{12}\ \Phi_{18}^{12}\ \Phi_{15}^{8}\ \Phi_{10}^{12}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
63978	1120	33	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{3}$	$\Phi_{33}^{31}\ \Phi_{11}^{40}\ \Phi_{3}^{30}\ \Phi_{1}^{40}$
63979	1120	207	$\frac{2}{23}$	$\frac{1}{9}$	$\frac{3}{23}$	$\frac{1}{3}$	$\Phi_{207}^{6}\ \Phi_{69}^{3}\ \Phi_{23}^{6}\ \Phi_{9}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
63980	1120	561	$\frac{50}{561}$	$\frac{61}{561}$	$\frac{73}{561}$	$\frac{1}{3}$	$\Phi_{561}^{2}\ \Phi_{187}^{2}\ \Phi_{51}^{2}\ \Phi_{33}^{2}\ \Phi_{17}^{2}\ \Phi_{11}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
63981	1120	165	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{3}$	$\Phi_{165}^{10}\ \Phi_{33}^{11}\ \Phi_{15}^{10}\ \Phi_{3}^{10}$
63982	1120	561	$\frac{49}{561}$	$\frac{64}{561}$	$\frac{71}{561}$	$\frac{1}{3}$	$\Phi_{561}^{2}\ \Phi_{187}^{2}\ \Phi_{51}^{2}\ \Phi_{33}^{2}\ \Phi_{17}^{2}\ \Phi_{11}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
63983	1120	1896	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1896}\ \Phi_{948}\ \Phi_{474}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
63984	1120	792	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}\ \Phi_{198}^{2}\ \Phi_{132}\ \Phi_{88}^{2}\ \Phi_{66}\ \Phi_{44}^{2}\ \Phi_{22}^{2}$
63985	1120	330	$\frac{2}{55}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{53}{165}$	$\Phi_{330}^{4}\ \Phi_{165}^{2}\ \Phi_{110}^{4}\ \Phi_{66}^{4}\ \Phi_{55}^{4}\ \Phi_{33}^{2}\ \Phi_{30}^{5}\ \Phi_{22}^{4}\ \Phi_{15}^{3}\ \Phi_{11}^{4}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
63986	1120	1656	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{47}{207}$	$\frac{22}{69}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{414}\ \Phi_{184}\ \Phi_{92}\ \Phi_{72}\ \Phi_{46}\ \Phi_{36}\ \Phi_{18}$
63987	1120	1581	$\frac{1}{17}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{16}{51}$	$\Phi_{1581}\ \Phi_{93}\ \Phi_{51}^{2}\ \Phi_{31}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
63988	1120	765	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{16}{51}$	$\Phi_{765}^{2}\ \Phi_{255}\ \Phi_{85}^{2}\ \Phi_{45}^{3}\ \Phi_{15}^{2}\ \Phi_{5}^{2}$
63989	1120	162	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{25}{81}$	$\Phi_{162}^{12}\ \Phi_{81}^{8}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
63990	1120	1848	$\frac{6}{77}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{71}{231}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{168}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
63991	1120	184	$\frac{2}{23}$	$\frac{1}{8}$	$\frac{3}{23}$	$\frac{7}{23}$	$\Phi_{184}^{7}\ \Phi_{92}^{7}\ \Phi_{46}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
63992	1120	486	$\frac{19}{243}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{486}^{3}\ \Phi_{243}^{2}\ \Phi_{162}^{3}\ \Phi_{81}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
63993	1120	90	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{13}{45}$	$\Phi_{90}^{21}\ \Phi_{45}^{14}\ \Phi_{30}^{3}\ \Phi_{18}^{21}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{14}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
63994	1120	280	$\frac{3}{35}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{280}^{5}\ \Phi_{140}^{5}\ \Phi_{70}^{5}\ \Phi_{56}^{3}\ \Phi_{40}^{5}\ \Phi_{28}^{3}\ \Phi_{20}^{5}\ \Phi_{14}^{3}\ \Phi_{10}^{5}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
63995	1120	528	$\frac{1}{33}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{528}^{2}\ \Phi_{264}^{2}\ \Phi_{176}^{2}\ \Phi_{132}^{3}\ \Phi_{88}^{2}\ \Phi_{66}^{3}\ \Phi_{48}\ \Phi_{44}^{3}\ \Phi_{33}^{2}\ \Phi_{24}\ \Phi_{22}^{3}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
63996	1120	399	$\frac{1}{21}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{399}^{3}\ \Phi_{133}^{3}\ \Phi_{57}^{3}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}$
63997	1120	135	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{135}^{12}\ \Phi_{45}^{3}\ \Phi_{27}^{8}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
63998	1120	150	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{6}{25}$	$\frac{19}{75}$	$\Phi_{150}^{9}\ \Phi_{75}^{5}\ \Phi_{50}^{9}\ \Phi_{30}^{9}\ \Phi_{25}^{8}\ \Phi_{15}^{5}\ \Phi_{10}^{9}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
63999	1120	373	$\frac{9}{373}$	$\frac{91}{373}$	$\frac{93}{373}$	$\frac{94}{373}$	$\Phi_{373}^{3}\ \Phi_{1}^{4}$
64000	1120	230	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{11}{46}$	$\Phi_{230}^{6}\ \Phi_{115}^{3}\ \Phi_{46}^{8}\ \Phi_{23}^{4}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
64001	1120	1045	$\frac{3}{55}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{13}{55}$	$\Phi_{1045}\ \Phi_{209}\ \Phi_{95}\ \Phi_{55}^{2}\ \Phi_{19}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
64002	1120	330	$\frac{3}{55}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{13}{55}$	$\Phi_{330}^{4}\ \Phi_{165}^{4}\ \Phi_{110}^{4}\ \Phi_{66}^{4}\ \Phi_{33}^{4}\ \Phi_{30}^{5}\ \Phi_{22}^{4}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
64003	1120	373	$\frac{21}{373}$	$\frac{57}{373}$	$\frac{79}{373}$	$\frac{88}{373}$	$\Phi_{373}^{3}\ \Phi_{1}^{4}$
64004	1120	450	$\frac{13}{225}$	$\frac{1}{6}$	$\frac{43}{225}$	$\frac{53}{225}$	$\Phi_{450}^{3}\ \Phi_{225}^{2}\ \Phi_{150}^{3}\ \Phi_{90}^{3}\ \Phi_{75}^{2}\ \Phi_{50}^{3}\ \Phi_{45}^{2}\ \Phi_{30}^{3}\ \Phi_{25}^{2}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
64005	1120	1119	$\frac{67}{1119}$	$\frac{181}{1119}$	$\frac{214}{1119}$	$\frac{263}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_{3}\ \Phi_{1}^{2}$
64006	1120	1405	$\frac{17}{281}$	$\frac{43}{281}$	$\frac{1}{5}$	$\frac{66}{281}$	Φ_{1405}
64007	1120	117	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{3}{13}$	$\Phi_{117}^{9}\ \Phi_{39}^{9}\ \Phi_{13}^{12}\ \Phi_{9}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{16}$
64008	1120	520	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{3}{13}$	$\Phi_{520}^{3}\ \Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{40}^{4}\ \Phi_{20}^{4}\ \Phi_{10}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
64009	1120	373	$\frac{29}{373}$	$\frac{41}{373}$	$\frac{83}{373}$	$\frac{86}{373}$	$\Phi_{373}^{3}\ \Phi_{1}^{4}$
64010	1120	1288	$\frac{13}{161}$	$\frac{1}{8}$	$\frac{31}{161}$	$\frac{37}{161}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{322}\ \Phi_{184}\ \Phi_{92}\ \Phi_{56}\ \Phi_{46}\ \Phi_{28}\ \Phi_{14}$
64011	1120	373	$\frac{33}{373}$	$\frac{43}{373}$	$\frac{72}{373}$	$\frac{85}{373}$	$\Phi_{373}^{3}\ \Phi_{1}^{4}$
64012	1120	1405	$\frac{25}{281}$	$\frac{31}{281}$	$\frac{1}{5}$	$\frac{64}{281}$	Φ_{1405}
64013	1120	527	$\frac{3}{31}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{31}$	$\Phi_{527}^{2}\ \Phi_{31}^{3}\ \Phi_{17}^{4}\ \Phi_{1}^{6}$
64014	1120	744	$\frac{3}{31}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{31}$	$\Phi_{744}^{2}\ \Phi_{372}^{2}\ \Phi_{248}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{31}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
64015	1120	1119	$\frac{115}{1119}$	$\frac{124}{1119}$	$\frac{199}{1119}$	$\frac{251}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_{3}\ \Phi_{1}^{2}$
64016	1120	1288	$\frac{17}{161}$	$\frac{1}{8}$	$\frac{25}{161}$	$\frac{36}{161}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{322}\ \Phi_{184}\ \Phi_{92}\ \Phi_{56}\ \Phi_{46}\ \Phi_{28}\ \Phi_{14}$
64017	1120	373	$\frac{41}{373}$	$\frac{45}{373}$	$\frac{58}{373}$	$\frac{83}{373}$	$\Phi_{373}^{3}\ \Phi_{1}^{4}$
64018	1120	495	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{495}^{3}\ \Phi_{165}^{3}\ \Phi_{55}^{4}$
64019	1120	117	$\frac{4}{39}$	$\frac{1}{9}$	$\frac{7}{39}$	$\frac{2}{9}$	$\Phi_{117}^{9}\ \Phi_{39}^{10}\ \Phi_{13}^{10}\ \Phi_{9}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
64020	1120	18	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{2}{9}$	$\Phi_{18}^{75}\ \Phi_{9}^{50}\ \Phi_{6}^{74}\ \Phi_{3}^{49}\ \Phi_{2}^{74}\ \Phi_{1}^{50}$
64021	1120	1243	$\frac{1}{11}$	$\frac{13}{113}$	$\frac{22}{113}$	$\frac{25}{113}$	Φ_{1243}
64022	1120	1119	$\frac{109}{1119}$	$\frac{131}{1119}$	$\frac{202}{1119}$	$\frac{247}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_{3}\ \Phi_{1}^{2}$
64023	1120	423	$\frac{1}{9}$	$\frac{17}{141}$	$\frac{22}{141}$	$\frac{31}{141}$	$\Phi_{423}^{3}\ \Phi_{141}^{2}\ \Phi_{47}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
64024	1120	1119	$\frac{118}{1119}$	$\frac{143}{1119}$	$\frac{175}{1119}$	$\frac{244}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_{3}\ \Phi_{1}^{2}$
64025	1120	450	$\frac{22}{225}$	$\frac{29}{225}$	$\frac{1}{6}$	$\frac{49}{225}$	$\Phi_{450}^{3}\ \Phi_{225}^{2}\ \Phi_{150}^{3}\ \Phi_{90}^{3}\ \Phi_{75}^{2}\ \Phi_{50}^{3}\ \Phi_{45}^{2}\ \Phi_{30}^{3}\ \Phi_{25}^{2}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
64026	1120	373	$\frac{30}{373}$	$\frac{49}{373}$	$\frac{73}{373}$	$\frac{81}{373}$	$\Phi_{373}^{3}\ \Phi_{1}^{4}$
64027	1120	1405	$\frac{22}{281}$	$\frac{37}{281}$	$\frac{1}{5}$	$\frac{61}{281}$	Φ_{1405}
64028	1120	285	$\frac{1}{15}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{285}^{4}\ \Phi_{95}^{3}\ \Phi_{57}^{4}\ \Phi_{19}^{4}\ \Phi_{15}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
64029	1120	627	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{627}^{2}\ \Phi_{209}\ \Phi_{57}^{2}\ \Phi_{33}^{4}\ \Phi_{19}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
64030	1120	1045	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1045}\ \Phi_{209}\ \Phi_{95}\ \Phi_{55}^{2}\ \Phi_{19}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
64031	1120	1368	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{114}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
64032	1120	405	$\frac{1}{15}$	$\frac{13}{81}$	$\frac{16}{81}$	$\frac{17}{81}$	$\Phi_{405}^{3}\ \Phi_{135}^{3}\ \Phi_{81}^{2}\ \Phi_{45}^{3}\ \Phi_{27}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
64033	1120	373	$\frac{37}{373}$	$\frac{48}{373}$	$\frac{65}{373}$	$\frac{77}{373}$	$\Phi_{373}^{3}\ \Phi_{1}^{4}$
64034	1120	423	$\frac{1}{9}$	$\frac{16}{141}$	$\frac{25}{141}$	$\frac{29}{141}$	$\Phi_{423}^{3}\ \Phi_{141}^{2}\ \Phi_{47}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
64035	1120	1119	$\frac{124}{1119}$	$\frac{127}{1119}$	$\frac{199}{1119}$	$\frac{230}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_{3}\ \Phi_{1}^{2}$
64036	1120	1288	$\frac{16}{161}$	$\frac{1}{8}$	$\frac{29}{161}$	$\frac{33}{161}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{322}\ \Phi_{184}\ \Phi_{92}\ \Phi_{56}\ \Phi_{46}\ \Phi_{28}\ \Phi_{14}$
64037	1120	1119	$\frac{64}{1119}$	$\frac{211}{1119}$	$\frac{223}{1119}$	$\frac{227}{1119}$	$\Phi_{1119}\ \Phi_{373}\ \Phi_{3}\ \Phi_{1}^{2}$
64038	1120	1405	$\frac{16}{281}$	$\frac{53}{281}$	$\frac{1}{5}$	$\frac{57}{281}$	Φ_{1405}
64039	1120	345	$\frac{4}{69}$	$\frac{13}{69}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{345}^{3}\ \Phi_{115}^{3}\ \Phi_{69}^{4}\ \Phi_{23}^{4}\ \Phi_{15}^{3}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
64040	1120	30	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{30}^{45}\ \Phi_{15}^{29}\ \Phi_{10}^{45}\ \Phi_{6}^{44}\ \Phi_{5}^{32}\ \Phi_{3}^{28}\ \Phi_{2}^{44}\ \Phi_{1}^{32}$
64041	1120	115	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{115}^{9}\ \Phi_{23}^{12}\ \Phi_{5}^{12}\ \Phi_{1}^{16}$
64042	1120	440	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{440}^{3}\ \Phi_{220}^{3}\ \Phi_{110}^{3}\ \Phi_{88}^{4}\ \Phi_{44}^{4}\ \Phi_{22}^{4}$
64043	1120	1650	$\frac{4}{55}$	$\frac{1}{6}$	$\frac{51}{275}$	$\frac{1}{5}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
64044	1120	1560	$\frac{4}{39}$	$\frac{1}{8}$	$\frac{7}{39}$	$\frac{1}{5}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{130}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
64045	1120	1405	$\frac{31}{281}$	$\frac{33}{281}$	$\frac{50}{281}$	$\frac{1}{5}$	Φ_{1405}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
64046	1120	765	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{5}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{45}^3\ \Phi_{15}^3$
64047	1120	1405	$\frac{29}{281}$	$\frac{36}{281}$	$\frac{49}{281}$	$\frac{1}{5}$	Φ_{1405}
64048	1120	330	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{330}^5\ \Phi_{165}^3\ \Phi_{110}^5\ \Phi_{55}^4\ \Phi_{30}^6\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_5^4$
64049	1120	330	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_{30}^5\ \Phi_{22}^4\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
64050	1120	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^3\ \Phi_{90}^2\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^4\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
64051	1120	270	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{6}$	$\frac{23}{135}$	$\Phi_{270}^6\ \Phi_{135}^4\ \Phi_{90}^6\ \Phi_{45}^4\ \Phi_{30}^6\ \Phi_{18}^3\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_9^2\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
64052	1121	1792	$\frac{1}{224}$	$\frac{225}{896}$	$\frac{671}{1792}$	$\frac{223}{448}$	$\Phi_{1792}\ \Phi_{448}\ \Phi_{256}\ \Phi_{64}\ \Phi_1$
64053	1121	1920	$\frac{1}{160}$	$\frac{161}{960}$	$\frac{799}{1920}$	$\frac{159}{320}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{128}\ \Phi_{64}\ \Phi_1$
64054	1121	2220	$\frac{11}{1110}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1099}{2220}$	$\Phi_{2220}\ \Phi_{740}\ \Phi_{444}\ \Phi_{148}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
64055	1121	1500	$\frac{4}{375}$	$\frac{1}{5}$	$\frac{379}{1500}$	$\frac{371}{750}$	$\Phi_{1500}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}\ \Phi_{125}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
64056	1121	2208	$\frac{17}{1104}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1087}{2208}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
64057	1121	1044	$\frac{1}{58}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{57}{116}$	$\Phi_{522}^2\ \Phi_{261}^2\ \Phi_{174}^2\ \Phi_{116}\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{36}\ \Phi_{29}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
64058	1121	2436	$\frac{1}{58}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{57}{116}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{116}\ \Phi_{84}\ \Phi_{28}\ \Phi_{21}\ \Phi_7\ \Phi_4\ \Phi_1$
64059	1121	3132	$\frac{1}{58}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{57}{116}$	$\Phi_{3132}\ \Phi_{116}\ \Phi_{108}\ \Phi_{27}\ \Phi_4\ \Phi_1$
64060	1121	696	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{57}{116}$	$\Phi_{696}^2\ \Phi_{232}^2\ \Phi_{174}^2\ \Phi_{116}\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{24}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
64061	1121	1350	$\frac{4}{225}$	$\frac{229}{1350}$	$\frac{1}{5}$	$\frac{221}{450}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{270}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
64062	1121	1504	$\frac{7}{376}$	$\frac{1}{8}$	$\frac{383}{1504}$	$\frac{369}{752}$	$\Phi_{1504}\ \Phi_{376}\ \Phi_{188}\ \Phi_{94}\ \Phi_{47}\ \Phi_{32}\ \Phi_1$
64063	1121	2200	$\frac{21}{1100}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1079}{2200}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{200}\ \Phi_{88}\ \Phi_{40}\ \Phi_{25}\ \Phi_8\ \Phi_1$
64064	1121	2184	$\frac{29}{1092}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1063}{2184}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{168}\ \Phi_{104}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
64065	1121	2176	$\frac{33}{1088}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{1055}{2176}$	$\Phi_{2176}\ \Phi_{128}\ \Phi_{64}\ \Phi_1$
64066	1121	1250	$\frac{4}{125}$	$\frac{129}{1250}$	$\frac{1}{5}$	$\frac{121}{250}$	$\Phi_{1250}\ \Phi_{625}\ \Phi_{125}\ \Phi_{25}\ \Phi_1$
64067	1121	1512	$\frac{13}{378}$	$\frac{1}{14}$	$\frac{391}{1512}$	$\frac{365}{756}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
64068	1121	1140	$\frac{2}{57}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}^2\ \Phi_{57}\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
64069	1121	1288	$\frac{6}{161}$	$\frac{167}{1288}$	$\frac{1}{7}$	$\frac{155}{322}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{184}\ \Phi_{161}\ \Phi_{92}\ \Phi_{56}\ \Phi_{28}\ \Phi_{23}\ \Phi_8\ \Phi_4\ \Phi_1$
64070	1121	2160	$\frac{41}{1080}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{1039}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
64071	1121	2160	$\frac{41}{1080}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1039}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{16}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
64072	1121	2156	$\frac{43}{1078}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1035}{2156}$	$\Phi_{2156}\ \Phi_{308}\ \Phi_{196}\ \Phi_{49}\ \Phi_{44}\ \Phi_{28}\ \Phi_4\ \Phi_1$
64073	1121	80	$\frac{1}{20}$	$\frac{1}{20}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{80}^{19}\ \Phi_{20}^{18}\ \Phi_{16}^{19}\ \Phi_{10}^{18}\ \Phi_5^{18}\ \Phi_4^{18}\ \Phi_2^{18}\ \Phi_1^{19}$
64074	1121	1200	$\frac{4}{75}$	$\frac{79}{1200}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
64075	1121	560	$\frac{1}{20}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{560}^4\ \Phi_{112}^3\ \Phi_{80}^4\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
64076	1121	336	$\frac{3}{56}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{53}{112}$	$\Phi_{336}^7\ \Phi_{112}^5\ \Phi_{48}^7\ \Phi_{21}^3\ \Phi_{16}^5\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
64077	1121	1044	$\frac{1}{29}$	$\frac{1}{18}$	$\frac{28}{87}$	$\frac{17}{36}$	$\Phi_{1044}^2\ \Phi_{348}^2\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{36}^3\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
64078	1121	2112	$\frac{1}{32}$	$\frac{65}{1056}$	$\frac{31}{96}$	$\frac{991}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
64079	1121	2100	$\frac{1}{35}$	$\frac{71}{1050}$	$\frac{34}{105}$	$\frac{979}{2100}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{60}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
64080	1121	2100	$\frac{4}{75}$	$\frac{71}{1050}$	$\frac{1}{5}$	$\frac{979}{2100}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
64081	1121	220	$\frac{1}{20}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{220}^5\ \Phi_{110}^4\ \Phi_{55}^5\ \Phi_{44}^5\ \Phi_{22}^4\ \Phi_{20}^9\ \Phi_{11}^5\ \Phi_{10}^8\ \Phi_5^8\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
64082	1121	1536	$\frac{1}{32}$	$\frac{31}{384}$	$\frac{415}{1536}$	$\frac{353}{768}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
64083	1121	360	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{90}^4\ \Phi_{72}^3\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{36}^3\ \Phi_{30}^4\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
64084	1121	1540	$\frac{1}{35}$	$\frac{34}{385}$	$\frac{419}{1540}$	$\frac{351}{770}$	$\Phi_{1540}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}\ \Phi_{77}\ \Phi_{55}\ \Phi_{44}\ \Phi_{28}\ \Phi_{20}\ \Phi_{11}\ \Phi_4\ \Phi_1$
64085	1121	1170	$\frac{49}{1170}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{130}\ \Phi_{117}\ \Phi_{78}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_9\ \Phi_3\ \Phi_1$
64086	1121	540	$\frac{1}{20}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}\ \Phi_{90}^2\ \Phi_{60}^4\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{30}^4\ \Phi_{27}^2\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
64087	1121	2048	$\frac{1}{32}$	$\frac{97}{1024}$	$\frac{31}{128}$	$\frac{927}{2048}$	$\Phi_{2048}\ \Phi_{128}\ \Phi_{64}\ \Phi_1$
64088	1121	1260	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{139}{1260}$	$\frac{113}{252}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
64089	1121	2016	$\frac{1}{56}$	$\frac{113}{1008}$	$\frac{55}{168}$	$\frac{895}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
64090	1121	2016	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{113}{1008}$	$\frac{895}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{126}\ \Phi_{96}\ \Phi_{63}\ \Phi_{42}\ \Phi_{32}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
64091	1121	2000	$\frac{4}{125}$	$\frac{121}{1000}$	$\frac{1}{5}$	$\frac{879}{2000}$	$\Phi_{2000}\ \Phi_{400}\ \Phi_{125}\ \Phi_{80}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
64092	1121	1176	$\frac{55}{1176}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{168}\ \Phi_{147}\ \Phi_{84}\ \Phi_{56}\ \Phi_{49}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
64093	1121	1568	$\frac{1}{56}$	$\frac{55}{392}$	$\frac{447}{1568}$	$\frac{337}{784}$	$\Phi_{1568}\ \Phi_{392}\ \Phi_{224}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{32}\ \Phi_1$
64094	1121	63	$\frac{4}{63}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{63}^{19}\ \Phi_{21}^{15}\ \Phi_9^{19}\ \Phi_7^{16}\ \Phi_3^{15}\ \Phi_1^{17}$
64095	1121	1150	$\frac{29}{1150}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1150}\ \Phi_{575}\ \Phi_{230}\ \Phi_{115}\ \Phi_{46}\ \Phi_{25}\ \Phi_{23}\ \Phi_1$
64096	1121	1932	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{155}{966}$	$\frac{811}{1932}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{276}\ \Phi_{161}\ \Phi_{92}\ \Phi_{84}\ \Phi_{28}\ \Phi_{23}\ \Phi_{12}\ \Phi_4\ \Phi_1$
64097	1121	1920	$\frac{1}{80}$	$\frac{161}{960}$	$\frac{79}{240}$	$\frac{799}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{240}\ \Phi_{128}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
64098	1121	1920	$\frac{1}{32}$	$\frac{31}{192}$	$\frac{161}{960}$	$\frac{799}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
64099	1121	100	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{100}^9\ \Phi_{50}^{10}\ \Phi_{25}^{10}\ \Phi_{20}^{18}\ \Phi_{10}^{18}\ \Phi_5^{18}\ \Phi_4^{18}\ \Phi_2^{18}\ \Phi_1^{19}$
64100	1121	480	$\frac{1}{60}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{480}^4\ \Phi_{160}^4\ \Phi_{96}^4\ \Phi_{60}^3\ \Phi_{32}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
64101	1121	64	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{64}^{19}\ \Phi_{32}^{14}\ \Phi_{16}^{18}\ \Phi_8^{18}\ \Phi_4^{18}\ \Phi_2^{18}\ \Phi_1^{19}$
64102	1121	1600	$\frac{1}{80}$	$\frac{79}{400}$	$\frac{479}{1600}$	$\frac{321}{800}$	$\Phi_{1600}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{25}\ \Phi_1$
64103	1121	480	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{480}^4\ \Phi_{160}^4\ \Phi_{96}^3\ \Phi_{60}^4\ \Phi_{32}^3\ \Phi_{30}^4\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
64104	1121	1280	$\frac{1}{32}$	$\frac{159}{1280}$	$\frac{31}{128}$	$\frac{97}{256}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
64105	1121	1800	$\frac{4}{225}$	$\frac{1}{5}$	$\frac{221}{900}$	$\frac{679}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{120}\ \Phi_{75}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
64106	1121	120	$\frac{1}{60}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^8\ \Phi_{60}^{11}\ \Phi_{40}^8\ \Phi_{30}^{11}\ \Phi_{24}^7\ \Phi_{20}^{11}\ \Phi_{15}^{11}\ \Phi_{12}^{10}\ \Phi_{10}^{11}\ \Phi_8^8\ \Phi_6^{10}\ \Phi_5^{11}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
64107	1121	320	$\frac{1}{20}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{320}^4\ \Phi_{160}^4\ \Phi_{80}^4\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
64108	1121	60	$\frac{1}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{60}^{19}\ \Phi_{30}^{18}\ \Phi_{20}^{19}\ \Phi_{15}^{19}\ \Phi_{12}^{19}\ \Phi_{10}^{18}\ \Phi_6^{18}\ \Phi_5^{18}\ \Phi_4^{19}\ \Phi_3^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
64109	1121	1152	$\frac{31}{1152}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
64110	1121	1728	$\frac{1}{32}$	$\frac{31}{288}$	$\frac{257}{864}$	$\frac{607}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
64111	1121	1176	$\frac{55}{1176}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{168}\ \Phi_{147}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
64112	1121	180	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{180}^{5}\ \Phi_{90}^{4}\ \Phi_{60}^{10}\ \Phi_{45}^{5}\ \Phi_{36}^{5}\ \Phi_{30}^{9}\ \Phi_{20}^{9}\ \Phi_{18}^{4}\ \Phi_{15}^{9}\ \Phi_{12}^{10}\ \Phi_{10}^{8}\ \Phi_{9}^{5}\ \Phi_{6}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
64113	1121	1200	$\frac{1}{20}$	$\frac{79}{1200}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{30}\ \Phi_{25}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
64114	1121	1260	$\frac{1}{35}$	$\frac{139}{1260}$	$\frac{34}{105}$	$\frac{71}{210}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
64115	1121	1344	$\frac{1}{56}$	$\frac{223}{1344}$	$\frac{55}{168}$	$\frac{113}{336}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
64116	1121	1440	$\frac{1}{80}$	$\frac{319}{1440}$	$\frac{79}{240}$	$\frac{161}{480}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
64117	1121	1680	$\frac{1}{140}$	$\frac{139}{420}$	$\frac{559}{1680}$	$\frac{281}{840}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
64118	1121	609	$\frac{1}{29}$	$\frac{2}{21}$	$\frac{28}{87}$	$\frac{1}{3}$	$\Phi_{609}^{2}\ \Phi_{203}^{2}\ \Phi_{87}\ \Phi_{21}^{3}\ \Phi_{7}^{3}\ \Phi_{3}\ \Phi_{1}$
64119	1121	1512	$\frac{1}{56}$	$\frac{113}{504}$	$\frac{391}{1512}$	$\frac{55}{168}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
64120	1121	1665	$\frac{11}{555}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{544}{1665}$	$\Phi_{1665}\ \Phi_{333}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
64121	1121	1575	$\frac{1}{35}$	$\frac{71}{525}$	$\frac{454}{1575}$	$\frac{34}{105}$	$\Phi_{1575}\ \Phi_{315}\ \Phi_{225}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{21}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
64122	1121	1656	$\frac{17}{552}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{535}{1656}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{414}\ \Phi_{207}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
64123	1121	783	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{28}{87}$	$\Phi_{783}^{2}\ \Phi_{87}\ \Phi_{27}^{3}\ \Phi_{3}\ \Phi_{1}$
64124	1121	696	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{28}{87}$	$\Phi_{696}^{2}\ \Phi_{348}^{2}\ \Phi_{232}^{2}\ \Phi_{116}^{2}\ \Phi_{87}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
64125	1121	1449	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{328}{1449}$	$\frac{155}{483}$	$\Phi_{1449}\ \Phi_{207}\ \Phi_{161}\ \Phi_{63}\ \Phi_{23}\ \Phi_{9}\ \Phi_{1}$
64126	1121	1650	$\frac{21}{550}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{529}{1650}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{330}\ \Phi_{165}\ \Phi_{150}\ \Phi_{75}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
64127	1121	1620	$\frac{1}{20}$	$\frac{41}{540}$	$\frac{499}{1620}$	$\frac{19}{60}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
64128	1121	1260	$\frac{1}{20}$	$\frac{139}{1260}$	$\frac{41}{180}$	$\frac{19}{60}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
64129	1121	1440	$\frac{1}{20}$	$\frac{41}{360}$	$\frac{319}{1440}$	$\frac{19}{60}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
64130	1121	1638	$\frac{29}{546}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{517}{1638}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{234}\ \Phi_{126}\ \Phi_{117}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
64131	1121	1620	$\frac{41}{540}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{499}{1620}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
64132	1121	1617	$\frac{43}{539}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{496}{1617}$	$\Phi_{1617}\ \Phi_{231}\ \Phi_{147}\ \Phi_{49}\ \Phi_{33}\ \Phi_{21}\ \Phi_{3}\ \Phi_{1}$
64133	1121	1215	$\frac{94}{1215}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{135}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{81}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
64134	1121	420	$\frac{1}{20}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{3}\ \Phi_{60}^{4}\ \Phi_{42}^{3}\ \Phi_{30}^{4}\ \Phi_{21}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
64135	1121	84	$\frac{2}{21}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{84}$	$\Phi_{84}^{12}\ \Phi_{42}^{12}\ \Phi_{28}^{14}\ \Phi_{21}^{15}\ \Phi_{14}^{14}\ \Phi_{12}^{12}\ \Phi_{7}^{16}\ \Phi_{6}^{12}\ \Phi_{4}^{14}\ \Phi_{3}^{15}\ \Phi_{2}^{14}\ \Phi_{1}^{17}$
64136	1121	1575	$\frac{4}{75}$	$\frac{71}{525}$	$\frac{1}{5}$	$\frac{454}{1575}$	$\Phi_{1575}\ \Phi_{315}\ \Phi_{225}\ \Phi_{75}\ \Phi_{63}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
64137	1121	360	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{360}^{4}\ \Phi_{180}^{2}\ \Phi_{120}^{4}\ \Phi_{90}^{2}\ \Phi_{72}^{3}\ \Phi_{60}^{4}\ \Phi_{45}^{2}\ \Phi_{40}^{4}\ \Phi_{36}\ \Phi_{30}^{4}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{18}^{2}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
64138	1121	1536	$\frac{1}{32}$	$\frac{97}{512}$	$\frac{31}{128}$	$\frac{415}{1536}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
64139	1121	1512	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{113}{504}$	$\frac{391}{1512}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
64140	1121	1500	$\frac{4}{125}$	$\frac{1}{5}$	$\frac{121}{500}$	$\frac{379}{1500}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{375}\ \Phi_{300}\ \Phi_{150}\ \Phi_{125}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
64141	1121	1260	$\frac{4}{45}$	$\frac{139}{1260}$	$\frac{1}{5}$	$\frac{41}{180}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
64142	1121	1440	$\frac{4}{45}$	$\frac{41}{360}$	$\frac{1}{5}$	$\frac{319}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{32}\ \Phi_{16}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
64143	1121	210	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{3}{14}$	$\Phi_{210}^{7}\ \Phi_{105}^{7}\ \Phi_{70}^{5}\ \Phi_{35}^{5}\ \Phi_{30}^{7}\ \Phi_{21}^{3}\ \Phi_{15}^{7}\ \Phi_{10}^{5}\ \Phi_{7}^{2}\ \Phi_{5}^{5}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
64144	1121	1200	$\frac{79}{1200}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
64145	1121	1375	$\frac{21}{275}$	$\frac{4}{25}$	$\frac{254}{1375}$	$\frac{1}{5}$	$\Phi_{1375}\ \Phi_{125}\ \Phi_{25}\ \Phi_{1}$
64146	1121	1350	$\frac{4}{45}$	$\frac{41}{270}$	$\frac{229}{1350}$	$\frac{1}{5}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
64147	1122	1860	$\frac{1}{186}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{185}{372}$	$\Phi_{1860}\ \Phi_{620}\ \Phi_{372}^{2}\ \Phi_{124}^{2}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
64148	1122	372	$\frac{1}{186}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{185}{372}$	$\Phi_{372}^{2}\ \Phi_{186}^{4}\ \Phi_{124}^{2}\ \Phi_{93}^{4}\ \Phi_{62}^{4}\ \Phi_{31}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
64149	1122	500	$\frac{1}{125}$	$\frac{1}{4}$	$\frac{63}{250}$	$\frac{62}{125}$	$\Phi_{500}^{3}\ \Phi_{250}\ \Phi_{125}^{2}\ \Phi_{100}^{3}\ \Phi_{50}\ \Phi_{25}^{2}\ \Phi_{20}^{3}\ \Phi_{10}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
64150	1122	2020	$\frac{1}{101}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{50}{101}$	$\Phi_{2020}\ \Phi_{404}\ \Phi_{101}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
64151	1122	1515	$\frac{1}{101}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{50}{101}$	$\Phi_{1515}\ \Phi_{303}\ \Phi_{101}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
64152	1122	740	$\frac{2}{185}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{183}{370}$	$\Phi_{740}^{2}\ \Phi_{185}^{2}\ \Phi_{148}^{2}\ \Phi_{37}^{2}\ \Phi_{20}^{3}\ \Phi_{10}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
64153	1122	900	$\frac{1}{75}$	$\frac{38}{225}$	$\frac{1}{4}$	$\frac{37}{75}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}\ \Phi_{180}^{2}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}^{2}\ \Phi_{60}\ \Phi_{50}\ \Phi_{36}^{2}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
64154	1122	2080	$\frac{1}{65}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{32}{65}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{160}\ \Phi_{65}\ \Phi_{32}^{2}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}^{2}$
64155	1122	1560	$\frac{1}{65}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{32}{65}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{120}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
64156	1122	260	$\frac{1}{65}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{32}{65}$	$\Phi_{260}^{4}\ \Phi_{130}^{4}\ \Phi_{65}^{5}\ \Phi_{52}^{4}\ \Phi_{26}^{4}\ \Phi_{20}^{5}\ \Phi_{13}^{5}\ \Phi_{10}^{5}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
64157	1122	2576	$\frac{3}{184}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{181}{368}$	$\Phi_{2576}\ \Phi_{112}\ \Phi_{28}\ \Phi_{14}$
64158	1122	354	$\frac{1}{59}$	$\frac{10}{177}$	$\frac{167}{354}$	$\frac{29}{59}$	$\Phi_{354}^{6}\ \Phi_{118}^{6}\ \Phi_{59}\ \Phi_{6}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
64159	1122	236	$\frac{1}{59}$	$\frac{10}{59}$	$\frac{49}{236}$	$\frac{29}{59}$	$\Phi_{236}^{6}\ \Phi_{118}^{6}\ \Phi_{59}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
64160	1122	1102	$\frac{10}{551}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{541}{1102}$	$\Phi_{1102}^{2}\ \Phi_{58}^{2}\ \Phi_{38}^{2}\ \Phi_{19}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
64161	1122	2100	$\frac{1}{50}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{49}{100}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{140}\ \Phi_{100}^{2}\ \Phi_{84}\ \Phi_{60}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
64162	1122	300	$\frac{1}{50}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{300}^{3}\ \Phi_{150}^{4}\ \Phi_{100}^{4}\ \Phi_{75}^{4}\ \Phi_{60}^{3}\ \Phi_{50}^{4}\ \Phi_{30}^{4}\ \Phi_{25}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{4}\ \Phi_{6}^{6}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
64163	1122	700	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{49}{100}$	$\Phi_{700}^{3}\ \Phi_{140}^{3}\ \Phi_{100}^{4}\ \Phi_{28}^{3}\ \Phi_{20}^{4}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{4}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
64164	1122	2112	$\frac{1}{33}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{16}{33}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{64}^{2}\ \Phi_{33}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}^{2}$
64165	1122	528	$\frac{1}{33}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{16}{33}$	$\Phi_{528}^{2}\ \Phi_{264}^{2}\ \Phi_{176}^{2}\ \Phi_{132}^{2}\ \Phi_{88}^{2}\ \Phi_{66}^{2}\ \Phi_{48}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{3}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{16}^{4}\ \Phi_{12}^{2}\ \Phi_{11}^{3}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
64166	1122	132	$\frac{1}{33}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{132}^{8}\ \Phi_{66}^{8}\ \Phi_{44}^{8}\ \Phi_{33}^{9}\ \Phi_{22}^{8}\ \Phi_{12}^{11}\ \Phi_{11}^{9}\ \Phi_{6}^{11}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
64167	1122	1320	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{16}{33}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{40}^{2}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
64168	1122	576	$\frac{1}{32}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{576}^{4}\ \Phi_{192}^{3}\ \Phi_{64}^{4}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
64169	1122	704	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{31}{64}$	$\Phi_{704}^{3}\ \Phi_{64}^{4}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
64170	1122	361	$\frac{13}{361}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{174}{361}$	$\Phi_{361}^{3}\ \Phi_{19}^{5}\ \Phi_{1}^{6}$
64171	1122	360	$\frac{7}{180}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{173}{360}$	$\Phi_{360}^{6}\ \Phi_{120}^{6}\ \Phi_{72}^{6}\ \Phi_{60}\ \Phi_{40}^{6}\ \Phi_{30}\ \Phi_{24}^{6}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}^{6}\ \Phi_{6}$
64172	1122	200	$\frac{1}{25}$	$\frac{13}{200}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{200}^{6}\ \Phi_{100}^{5}\ \Phi_{50}^{5}\ \Phi_{40}^{6}\ \Phi_{25}^{6}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{8}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
64173	1122	1121	$\frac{45}{1121}$	$\frac{53}{1121}$	$\frac{356}{1121}$	$\frac{538}{1121}$	$\Phi_{1121}\ \Phi_{59}\ \Phi_{19}\ \Phi_{1}^{2}$
64174	1122	760	$\frac{9}{190}$	$\frac{1}{19}$	$\frac{199}{760}$	$\frac{181}{380}$	$\Phi_{760}^{2}\ \Phi_{190}^{2}\ \Phi_{152}^{2}\ \Phi_{95}^{2}\ \Phi_{40}^{2}\ \Phi_{38}^{2}\ \Phi_{19}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
64175	1122	525	$\frac{1}{25}$	$\frac{1}{21}$	$\frac{8}{25}$	$\frac{10}{21}$	$\Phi_{525}^{2}\ \Phi_{175}^{2}\ \Phi_{105}^{2}\ \Phi_{75}^{2}\ \Phi_{35}^{2}\ \Phi_{25}^{4}\ \Phi_{21}^{3}\ \Phi_{15}^{2}\ \Phi_{7}^{3}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
64176	1122	252	$\frac{1}{21}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{252}^{6}\ \Phi_{126}^{3}\ \Phi_{84}^{5}\ \Phi_{63}^{3}\ \Phi_{42}^{2}\ \Phi_{36}^{8}\ \Phi_{28}^{5}\ \Phi_{21}^{3}\ \Phi_{18}^{4}\ \Phi_{14}^{2}\ \Phi_{12}^{7}\ \Phi_{9}^{4}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
64177	1122	1155	$\frac{1}{21}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{77}\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
64178	1122	420	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{10}{21}$	$\Phi_{420}^3\ \Phi_{210}^2\ \Phi_{140}^3\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{20}^6\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_7^3\ \Phi_6^2\ \Phi_5^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
64179	1122	1236	$\frac{5}{103}$	$\frac{1}{12}$	$\frac{18}{103}$	$\frac{49}{103}$	$\Phi_{1236}\ \Phi_{618}\ \Phi_{412}\ \Phi_{309}\ \Phi_{206}$
64180	1122	38	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{5}{38}$	$\frac{9}{19}$	$\Phi_{38}^{34}\ \Phi_{19}^{25}\ \Phi_2^{34}\ \Phi_1^{26}$
64181	1122	1121	$\frac{61}{1121}$	$\frac{84}{1121}$	$\frac{197}{1121}$	$\frac{530}{1121}$	$\Phi_{1121}\ \Phi_{59}\ \Phi_{19}\ \Phi_1^2$
64182	1122	1064	$\frac{1}{19}$	$\frac{29}{532}$	$\frac{9}{38}$	$\frac{503}{1064}$	$\Phi_{1064}^2\ \Phi_{152}^2\ \Phi_{56}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
64183	1122	500	$\frac{6}{125}$	$\frac{7}{125}$	$\frac{1}{4}$	$\frac{59}{125}$	$\Phi_{500}^3\ \Phi_{250}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_4^2\ \Phi_2^2$
64184	1122	1121	$\frac{35}{1121}$	$\frac{69}{1121}$	$\frac{362}{1121}$	$\frac{526}{1121}$	$\Phi_{1121}\ \Phi_{59}\ \Phi_{19}\ \Phi_1^2$
64185	1122	1632	$\frac{1}{34}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{1632}^2\ \Phi_{102}\ \Phi_{96}\ \Phi_{51}\ \Phi_6$
64186	1122	2080	$\frac{2}{65}$	$\frac{1}{16}$	$\frac{21}{65}$	$\frac{15}{32}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{160}\ \Phi_{65}\ \Phi_{32}^2\ \Phi_{13}\ \Phi_5\ \Phi_1^2$
64187	1122	736	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{736}^3\ \Phi_{92}\ \Phi_{46}$
64188	1122	1120	$\frac{2}{35}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{1120}^2\ \Phi_{224}^2\ \Phi_{160}\ \Phi_{35}^2\ \Phi_{32}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
64189	1122	416	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{15}{32}$	$\Phi_{416}^5\ \Phi_{32}^6\ \Phi_{13}^5\ \Phi_1^6$
64190	1122	672	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{672}^4\ \Phi_{224}^3\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
64191	1122	780	$\frac{8}{195}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{30}\ \Phi_{26}^2\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
64192	1122	700	$\frac{1}{25}$	$\frac{12}{175}$	$\frac{1}{4}$	$\frac{163}{350}$	$\Phi_{700}^2\ \Phi_{175}^2\ \Phi_{140}^2\ \Phi_{100}^3\ \Phi_{50}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
64193	1122	95	$\frac{1}{19}$	$\frac{7}{95}$	$\frac{18}{95}$	$\frac{44}{95}$	$\Phi_{95}^{12}\ \Phi_{19}^{11}\ \Phi_5^{12}\ \Phi_1^{12}$
64194	1122	1206	$\frac{1}{18}$	$\frac{5}{67}$	$\frac{12}{67}$	$\frac{31}{67}$	$\Phi_{1206}\ \Phi_{603}\ \Phi_{402}\ \Phi_{201}\ \Phi_{134}$
64195	1122	228	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{41}{228}$	$\frac{35}{76}$	$\Phi_{228}^6\ \Phi_{114}^6\ \Phi_{57}^6\ \Phi_{38}^6\ \Phi_{19}^5\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
64196	1122	1121	$\frac{54}{1121}$	$\frac{97}{1121}$	$\frac{203}{1121}$	$\frac{512}{1121}$	$\Phi_{1121}\ \Phi_{59}\ \Phi_{19}\ \Phi_1^2$
64197	1122	500	$\frac{4}{125}$	$\frac{11}{125}$	$\frac{1}{4}$	$\frac{57}{125}$	$\Phi_{500}^3\ \Phi_{250}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_4^2\ \Phi_2^2$
64198	1122	342	$\frac{1}{19}$	$\frac{16}{171}$	$\frac{3}{19}$	$\frac{155}{342}$	$\Phi_{342}^6\ \Phi_{114}^6\ \Phi_{38}^6\ \Phi_{19}^5\ \Phi_{18}^6\ \Phi_6^6\ \Phi_2^6\ \Phi_1^6$
64199	1122	780	$\frac{1}{52}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{195}^2\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{60}\ \Phi_{39}^3\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
64200	1122	2020	$\frac{2}{101}$	$\frac{1}{10}$	$\frac{33}{101}$	$\frac{9}{20}$	$\Phi_{2020}\ \Phi_{404}\ \Phi_{101}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
64201	1122	140	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{140}^6\ \Phi_{70}^{11}\ \Phi_{35}^{10}\ \Phi_{28}^6\ \Phi_{20}^5\ \Phi_{14}^{11}\ \Phi_{10}^9\ \Phi_7^{10}\ \Phi_5^8\ \Phi_4^4\ \Phi_2^8\ \Phi_1^8$
64202	1122	2020	$\frac{5}{101}$	$\frac{1}{10}$	$\frac{16}{101}$	$\frac{9}{20}$	$\Phi_{2020}\ \Phi_{404}\ \Phi_{101}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
64203	1122	1260	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{140}\ \Phi_{126}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
64204	1122	59	$\frac{3}{59}$	$\frac{7}{59}$	$\frac{8}{59}$	$\frac{26}{59}$	$\Phi_{59}^{19}\ \Phi_1^{20}$
64205	1122	2010	$\frac{1}{67}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{2010}\ \Phi_{670}\ \Phi_{402}\ \Phi_{201}\ \Phi_{134}$
64206	1122	510	$\frac{1}{34}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{510}^2\ \Phi_{255}^2\ \Phi_{170}^3\ \Phi_{102}^2\ \Phi_{85}^3\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
64207	1122	714	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{238}\ \Phi_{119}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{42}^2\ \Phi_{14}\ \Phi_6^2$
64208	1122	19	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{3}{19}$	$\frac{8}{19}$	$\Phi_{19}^{59}\ \Phi_1^{60}$
64209	1122	1608	$\frac{1}{67}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1608}\ \Phi_{536}\ \Phi_{402}\ \Phi_{201}\ \Phi_{134}$
64210	1122	950	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{86}{475}$	$\frac{389}{950}$	$\Phi_{950}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{50}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
64211	1122	944	$\frac{1}{59}$	$\frac{89}{472}$	$\frac{29}{118}$	$\frac{383}{944}$	$\Phi_{944}^2\ \Phi_{118}^2\ \Phi_{59}\ \Phi_{16}^2\ \Phi_2^2\ \Phi_1^2$
64212	1122	945	$\frac{2}{189}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}^2\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
64213	1122	1395	$\frac{1}{93}$	$\frac{1}{5}$	$\frac{92}{279}$	$\frac{2}{5}$	$\Phi_{1395}\ \Phi_{279}^2\ \Phi_{45}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
64214	1122	380	$\frac{3}{190}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{380}^4\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{76}^4\ \Phi_{38}^2\ \Phi_{20}^3\ \Phi_{19}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
64215	1122	1240	$\frac{1}{62}$	$\frac{1}{5}$	$\frac{61}{248}$	$\frac{2}{5}$	$\Phi_{1240}\ \Phi_{620}\ \Phi_{248}^2\ \Phi_{124}^2\ \Phi_{40}\ \Phi_{20}\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
64216	1122	960	$\frac{5}{192}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}^2\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{80}\ \Phi_{64}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
64217	1122	340	$\frac{1}{34}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{340}^4\ \Phi_{170}^3\ \Phi_{85}^3\ \Phi_{68}^4\ \Phi_{34}^2\ \Phi_{20}^2\ \Phi_{17}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
64218	1122	1085	$\frac{1}{31}$	$\frac{30}{217}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1085}\ \Phi_{217}^2\ \Phi_{35}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
64219	1122	465	$\frac{5}{93}$	$\frac{8}{93}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{465}^2\ \Phi_{155}^2\ \Phi_{93}^4\ \Phi_{31}^4\ \Phi_{15}^2\ \Phi_5^3\ \Phi_3^4\ \Phi_1^6$
64220	1122	180	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{180}^6\ \Phi_{90}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{36}^{12}\ \Phi_{30}^4\ \Phi_{20}^5\ \Phi_{18}^{10}\ \Phi_{15}^4\ \Phi_{12}^{10}\ \Phi_{10}^4\ \Phi_9^{10}\ \Phi_6^8\ \Phi_5^5\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
64221	1122	476	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{476}^4\ \Phi_{238}\ \Phi_{119}\ \Phi_{68}^4\ \Phi_{28}^2\ \Phi_{14}\ \Phi_4^2$
64222	1122	1854	$\frac{1}{103}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1854}\ \Phi_{618}\ \Phi_{309}\ \Phi_{206}$
64223	1122	304	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{35}{152}$	$\frac{117}{304}$	$\Phi_{304}^6\ \Phi_{38}^6\ \Phi_{19}^5\ \Phi_{16}^6\ \Phi_2^6\ \Phi_1^6$
64224	1122	608	$\frac{1}{19}$	$\frac{47}{608}$	$\frac{9}{38}$	$\frac{29}{76}$	$\Phi_{608}^2\ \Phi_{304}^2\ \Phi_{152}^2\ \Phi_{38}^2\ \Phi_{32}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
64225	1122	236	$\frac{1}{59}$	$\frac{49}{236}$	$\frac{29}{118}$	$\frac{89}{236}$	$\Phi_{236}^4\ \Phi_{118}^6\ \Phi_{59}^5\ \Phi_4^4\ \Phi_2^6\ \Phi_1^6$
64226	1122	300	$\frac{1}{75}$	$\frac{37}{150}$	$\frac{1}{4}$	$\frac{113}{300}$	$\Phi_{300}^3\ \Phi_{150}^5\ \Phi_{100}^3\ \Phi_{75}^4\ \Phi_{60}^3\ \Phi_{50}^5\ \Phi_{30}^5\ \Phi_{25}^4\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^5\ \Phi_6^5\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
64227	1122	1648	$\frac{1}{103}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1648}\ \Phi_{412}\ \Phi_{206}$
64228	1122	1344	$\frac{5}{192}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
64229	1122	1288	$\frac{1}{23}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{322}\ \Phi_{161}\ \Phi_{92}\ \Phi_{46}$
64230	1122	190	$\frac{3}{190}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{190}^6\ \Phi_{95}^6\ \Phi_{38}^6\ \Phi_{19}^5\ \Phi_{10}^6\ \Phi_5^6\ \Phi_2^6\ \Phi_1^6$
64231	1122	295	$\frac{1}{59}$	$\frac{58}{295}$	$\frac{79}{295}$	$\frac{108}{295}$	$\Phi_{295}^4\ \Phi_{59}^3\ \Phi_5^4\ \Phi_1^4$
64232	1122	1121	$\frac{43}{1121}$	$\frac{98}{1121}$	$\frac{341}{1121}$	$\frac{390}{1121}$	$\Phi_{1121}\ \Phi_{59}\ \Phi_{19}\ \Phi_1^2$
64233	1122	598	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{598}^3\ \Phi_{299}\ \Phi_{46}^3$
64234	1122	285	$\frac{1}{19}$	$\frac{6}{95}$	$\frac{89}{285}$	$\frac{98}{285}$	$\Phi_{285}^3\ \Phi_{95}^6\ \Phi_{57}^3\ \Phi_{19}^5\ \Phi_{15}^3\ \Phi_5^6\ \Phi_3^3\ \Phi_1^6$
64235	1122	1206	$\frac{1}{18}$	$\frac{4}{67}$	$\frac{21}{67}$	$\frac{23}{67}$	$\Phi_{1206}\ \Phi_{603}\ \Phi_{402}\ \Phi_{201}\ \Phi_{134}$
64236	1122	1121	$\frac{62}{1121}$	$\frac{67}{1121}$	$\frac{353}{1121}$	$\frac{384}{1121}$	$\Phi_{1121}\ \Phi_{59}\ \Phi_{19}\ \Phi_1^2$
64237	1122	1236	$\frac{4}{103}$	$\frac{1}{12}$	$\frac{33}{103}$	$\frac{35}{103}$	$\Phi_{1236}\ \Phi_{618}\ \Phi_{412}\ \Phi_{309}\ \Phi_{206}$
64238	1122	1974	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{46}{141}$	$\frac{95}{282}$	$\Phi_{1974}\ \Phi_{658}\ \Phi_{329}\ \Phi_{42}\ \Phi_{14}$
64239	1122	756	$\frac{2}{189}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_6$
64240	1122	1116	$\frac{1}{93}$	$\frac{1}{4}$	$\frac{92}{279}$	$\frac{1}{3}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
64241	1122	300	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^2\ \Phi_{60}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_6^6\ \Phi_5^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
64242	1122	1686	$\frac{31}{562}$	$\frac{35}{562}$	$\frac{177}{562}$	$\frac{1}{3}$	$\Phi_{1686}\ \Phi_{843}\ \Phi_6$
64243	1122	144	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{144}^8\ \Phi_{72}^8\ \Phi_{48}^6\ \Phi_{36}^8\ \Phi_{24}^6\ \Phi_{18}^{10}\ \Phi_{16}^8\ \Phi_{12}^6\ \Phi_9^{10}\ \Phi_8^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
64244	1122	1686	$\frac{23}{562}$	$\frac{49}{562}$	$\frac{171}{562}$	$\frac{1}{3}$	$\Phi_{1686}\ \Phi_{843}\ \Phi_6$
64245	1122	408	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}^4\ \Phi_{102}^3\ \Phi_{68}^4\ \Phi_{51}^3\ \Phi_{34}^4\ \Phi_{24}\ \Phi_{17}^4\ \Phi_{12}\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
64246	1122	780	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{30}\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
64247	1122	744	$\frac{1}{62}$	$\frac{61}{248}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{744}^3\ \Phi_{372}\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
64248	1122	1860	$\frac{2}{93}$	$\frac{91}{465}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{310}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
64249	1122	192	$\frac{5}{192}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{192}^{6}\,\Phi_{96}^{6}\,\Phi_{64}^{6}\,\Phi_{48}^{6}\,\Phi_{32}^{6}\,\Phi_{24}^{6}\,\Phi_{16}^{6}\,\Phi_{12}^{3}\,\Phi_{8}^{6}\,\Phi_{6}^{5}\,\Phi_{4}^{2}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
64250	1122	1020	$\frac{1}{34}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^{2}\,\Phi_{510}^{2}\,\Phi_{255}^{2}\,\Phi_{102}\,\Phi_{60}\,\Phi_{51}\,\Phi_{30}\,\Phi_{15}\,\Phi_{6}$
64251	1122	2604	$\frac{1}{31}$	$\frac{30}{217}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2604}\,\Phi_{1302}\,\Phi_{84}\,\Phi_{42}\,\Phi_{12}\,\Phi_{6}$
64252	1122	372	$\frac{5}{93}$	$\frac{8}{93}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{372}^{4}\,\Phi_{186}^{4}\,\Phi_{124}^{4}\,\Phi_{62}^{4}\,\Phi_{12}^{5}\,\Phi_{6}^{5}\,\Phi_{4}^{4}\,\Phi_{2}^{4}$
64253	1122	36	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{36}^{32}\,\Phi_{18}^{34}\,\Phi_{12}^{27}\,\Phi_{9}^{34}\,\Phi_{6}^{29}\,\Phi_{4}^{26}\,\Phi_{3}^{28}\,\Phi_{2}^{28}\,\Phi_{1}^{28}$
64254	1122	660	$\frac{4}{55}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{660}^{2}\,\Phi_{330}^{2}\,\Phi_{220}^{2}\,\Phi_{165}\,\Phi_{132}^{2}\,\Phi_{110}^{2}\,\Phi_{66}^{2}\,\Phi_{55}^{2}\,\Phi_{44}^{2}\,\Phi_{33}\,\Phi_{22}^{2}\,\Phi_{12}^{2}\,\Phi_{11}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
64255	1122	360	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{360}^{4}\,\Phi_{180}^{4}\,\Phi_{120}^{3}\,\Phi_{90}^{4}\,\Phi_{60}^{3}\,\Phi_{45}^{4}\,\Phi_{40}^{4}\,\Phi_{30}^{3}\,\Phi_{20}^{4}\,\Phi_{18}^{2}\,\Phi_{15}^{3}\,\Phi_{10}^{4}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{4}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
64256	1122	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{3}$	$\Phi_{60}^{17}\,\Phi_{30}^{18}\,\Phi_{20}^{20}\,\Phi_{15}^{18}\,\Phi_{12}^{19}\,\Phi_{10}^{20}\,\Phi_{6}^{20}\,\Phi_{5}^{20}\,\Phi_{4}^{22}\,\Phi_{3}^{19}\,\Phi_{2}^{22}\,\Phi_{1}^{22}$
64257	1122	1515	$\frac{2}{101}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{33}{101}$	$\Phi_{1515}\,\Phi_{303}\,\Phi_{101}\,\Phi_{15}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
64258	1122	2220	$\frac{4}{185}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{181}{555}$	$\Phi_{2220}\,\Phi_{1110}\,\Phi_{444}\,\Phi_{222}\,\Phi_{60}\,\Phi_{30}\,\Phi_{20}\,\Phi_{12}\,\Phi_{10}\,\Phi_{6}$
64259	1122	1560	$\frac{2}{65}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{21}{65}$	$\Phi_{1560}\,\Phi_{780}\,\Phi_{390}\,\Phi_{312}\,\Phi_{195}\,\Phi_{156}\,\Phi_{120}\,\Phi_{78}\,\Phi_{65}\,\Phi_{60}\,\Phi_{39}\,\Phi_{30}\,\Phi_{24}^{2}\,\Phi_{15}\,\Phi_{13}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{5}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
64260	1122	260	$\frac{2}{65}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{21}{65}$	$\Phi_{260}^{4}\,\Phi_{130}^{4}\,\Phi_{65}^{5}\,\Phi_{52}^{4}\,\Phi_{26}^{4}\,\Phi_{20}^{5}\,\Phi_{13}^{5}\,\Phi_{10}^{5}\,\Phi_{5}^{6}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
64261	1122	1932	$\frac{3}{92}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{89}{276}$	$\Phi_{1932}\,\Phi_{966}\,\Phi_{483}\,\Phi_{84}\,\Phi_{42}\,\Phi_{28}\,\Phi_{21}\,\Phi_{14}$
64262	1122	100	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{1}{4}$	$\frac{8}{25}$	$\Phi_{100}^{15}\,\Phi_{50}^{15}\,\Phi_{20}^{15}\,\Phi_{10}^{15}\,\Phi_{4}^{14}\,\Phi_{2}^{14}$
64263	1122	350	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{8}{25}$	$\Phi_{350}^{4}\,\Phi_{175}^{2}\,\Phi_{70}^{4}\,\Phi_{50}^{4}\,\Phi_{35}^{2}\,\Phi_{25}^{4}\,\Phi_{14}^{6}\,\Phi_{10}^{4}\,\Phi_{7}^{3}\,\Phi_{5}^{4}\,\Phi_{2}^{6}\,\Phi_{1}^{6}$
64264	1122	176	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{5}{16}$	$\Phi_{176}^{6}\,\Phi_{88}^{6}\,\Phi_{44}^{6}\,\Phi_{22}^{8}\,\Phi_{16}^{8}\,\Phi_{11}^{7}\,\Phi_{8}^{8}\,\Phi_{4}^{8}\,\Phi_{2}^{10}\,\Phi_{1}^{10}$
64265	1122	1620	$\frac{1}{15}$	$\frac{31}{405}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{1620}\,\Phi_{810}\,\Phi_{540}\,\Phi_{324}\,\Phi_{270}\,\Phi_{162}\,\Phi_{108}\,\Phi_{60}\,\Phi_{54}\,\Phi_{30}\,\Phi_{20}\,\Phi_{12}\,\Phi_{10}\,\Phi_{6}$
64266	1122	540	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{1}{4}$	$\frac{83}{270}$	$\Phi_{540}^{4}\,\Phi_{270}^{2}\,\Phi_{135}^{2}\,\Phi_{108}^{4}\,\Phi_{60}\,\Phi_{54}^{2}\,\Phi_{30}\,\Phi_{27}^{2}\,\Phi_{20}\,\Phi_{12}\,\Phi_{10}\,\Phi_{6}$
64267	1122	266	$\frac{1}{19}$	$\frac{29}{266}$	$\frac{9}{38}$	$\frac{79}{266}$	$\Phi_{266}^{4}\,\Phi_{133}^{4}\,\Phi_{38}^{6}\,\Phi_{19}^{5}\,\Phi_{14}^{4}\,\Phi_{7}^{4}\,\Phi_{2}^{6}\,\Phi_{1}^{6}$
64268	1122	552	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{552}^{3}\,\Phi_{276}^{3}\,\Phi_{138}^{3}\,\Phi_{92}\,\Phi_{69}^{3}\,\Phi_{46}$
64269	1122	840	$\frac{2}{35}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{840}^{2}\,\Phi_{420}^{2}\,\Phi_{210}^{2}\,\Phi_{168}^{2}\,\Phi_{120}\,\Phi_{105}^{2}\,\Phi_{84}^{2}\,\Phi_{60}\,\Phi_{42}^{2}\,\Phi_{35}^{2}\,\Phi_{30}\,\Phi_{24}^{2}\,\Phi_{21}^{2}\,\Phi_{15}\,\Phi_{12}^{2}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{5}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
64270	1122	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{7}{24}$	$\Phi_{120}^{9}\,\Phi_{60}^{9}\,\Phi_{40}^{10}\,\Phi_{30}^{9}\,\Phi_{24}^{10}\,\Phi_{20}^{10}\,\Phi_{15}^{8}\,\Phi_{12}^{10}\,\Phi_{10}^{10}\,\Phi_{8}^{10}\,\Phi_{6}^{10}\,\Phi_{5}^{9}\,\Phi_{4}^{10}\,\Phi_{3}^{9}\,\Phi_{2}^{10}\,\Phi_{1}^{10}$
64271	1122	312	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{2}{13}$	$\frac{7}{24}$	$\Phi_{312}^{5}\,\Phi_{156}^{5}\,\Phi_{78}^{5}\,\Phi_{39}^{5}\,\Phi_{24}^{6}\,\Phi_{13}^{5}\,\Phi_{12}^{6}\,\Phi_{6}^{6}\,\Phi_{3}^{6}\,\Phi_{1}^{6}$
64272	1122	168	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{168}^{7}\,\Phi_{84}^{8}\,\Phi_{56}^{8}\,\Phi_{42}^{8}\,\Phi_{28}^{9}\,\Phi_{21}^{8}\,\Phi_{14}^{9}\,\Phi_{7}^{8}$
64273	1122	2100	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{1}{4}$	$\frac{151}{525}$	$\Phi_{2100}\,\Phi_{1050}\,\Phi_{420}\,\Phi_{300}\,\Phi_{210}\,\Phi_{150}\,\Phi_{100}\,\Phi_{84}\,\Phi_{60}\,\Phi_{50}\,\Phi_{42}\,\Phi_{30}\,\Phi_{20}\,\Phi_{12}\,\Phi_{10}\,\Phi_{6}$
64274	1122	228	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{41}{228}$	$\frac{16}{57}$	$\Phi_{228}^{6}\,\Phi_{114}^{6}\,\Phi_{76}^{6}\,\Phi_{38}^{6}\,\Phi_{19}^{5}\,\Phi_{12}^{6}\,\Phi_{6}^{6}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{6}$
64275	1122	420	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{420}^{5}\,\Phi_{210}^{5}\,\Phi_{140}\,\Phi_{84}^{5}\,\Phi_{70}\,\Phi_{60}^{4}\,\Phi_{42}^{5}\,\Phi_{30}^{4}\,\Phi_{28}\,\Phi_{20}\,\Phi_{14}\,\Phi_{12}^{4}\,\Phi_{10}\,\Phi_{6}^{4}$
64276	1122	1530	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{1530}\,\Phi_{765}\,\Phi_{306}\,\Phi_{170}\,\Phi_{153}\,\Phi_{90}\,\Phi_{85}\,\Phi_{18}\,\Phi_{10}$
64277	1122	1515	$\frac{5}{101}$	$\frac{16}{101}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1515}\,\Phi_{303}\,\Phi_{101}\,\Phi_{15}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
64278	1122	630	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{630}^{2}\,\Phi_{315}^{2}\,\Phi_{210}^{2}\,\Phi_{126}^{3}\,\Phi_{105}\,\Phi_{70}^{2}\,\Phi_{63}^{3}\,\Phi_{42}^{3}\,\Phi_{35}^{2}\,\Phi_{21}^{2}\,\Phi_{14}^{3}\,\Phi_{7}^{2}$
64279	1122	59	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{14}{59}$	$\frac{15}{59}$	$\Phi_{59}^{19}\,\Phi_{1}^{20}$
64280	1122	460	$\frac{1}{23}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{460}^{3}\,\Phi_{230}^{3}\,\Phi_{115}^{3}\,\Phi_{92}\,\Phi_{46}$
64281	1122	420	$\frac{1}{15}$	$\frac{23}{210}$	$\frac{7}{30}$	$\frac{1}{4}$	$\Phi_{420}^{4}\,\Phi_{210}^{2}\,\Phi_{140}^{4}\,\Phi_{105}^{2}\,\Phi_{84}^{4}\,\Phi_{70}^{2}\,\Phi_{60}\,\Phi_{42}^{2}\,\Phi_{35}^{2}\,\Phi_{30}\,\Phi_{28}^{4}\,\Phi_{21}^{2}\,\Phi_{20}\,\Phi_{14}^{2}\,\Phi_{12}\,\Phi_{10}\,\Phi_{7}^{2}\,\Phi_{6}$
64282	1122	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{132}^{9}\,\Phi_{66}^{9}\,\Phi_{44}^{6}\,\Phi_{33}^{9}\,\Phi_{22}^{8}\,\Phi_{12}^{12}\,\Phi_{11}^{7}\,\Phi_{6}^{12}\,\Phi_{4}^{8}\,\Phi_{3}^{12}\,\Phi_{2}^{10}\,\Phi_{1}^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
64283	1122	240	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{53}{240}$	$\frac{1}{4}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^6\ \Phi_{60}\ \Phi_{48}^6\ \Phi_{40}^6\ \Phi_{30}\ \Phi_{24}^6\ \Phi_{20}\ \Phi_{16}^6\ \Phi_{12}\ \Phi_{10}\ \Phi_8^6\ \Phi_6$
64284	1122	252	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{252}^6\ \Phi_{126}^3\ \Phi_{84}^6\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{36}^8\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_{12}^8\ \Phi_9^4\ \Phi_7\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^2$
64285	1122	1472	$\frac{1}{23}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{92}\ \Phi_{46}$
64286	1122	140	$\frac{2}{35}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^8\ \Phi_{70}^8\ \Phi_{35}^{10}\ \Phi_{28}^8\ \Phi_{20}^5\ \Phi_{14}^8\ \Phi_{10}^5\ \Phi_7^{10}\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
64287	1122	900	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{38}{225}$	$\frac{1}{4}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
64288	1122	260	$\frac{1}{13}$	$\frac{3}{20}$	$\frac{2}{13}$	$\frac{1}{4}$	$\Phi_{260}^5\ \Phi_{130}^5\ \Phi_{65}^5\ \Phi_{20}^6\ \Phi_{13}^5\ \Phi_{10}^6\ \Phi_5^6\ \Phi_1^6$
64289	1122	420	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^3\ \Phi_{105}^4\ \Phi_{84}\ \Phi_{70}^3\ \Phi_{42}\ \Phi_{35}^3\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
64290	1122	440	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{5}{22}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{55}^3\ \Phi_{40}^4\ \Phi_{22}^2\ \Phi_{20}^4\ \Phi_{11}\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^2\ \Phi_1^2$
64291	1122	770	$\frac{4}{55}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{770}^2\ \Phi_{385}\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}\ \Phi_{55}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
64292	1122	140	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{3}{14}$	$\Phi_{140}^9\ \Phi_{70}^6\ \Phi_{35}^6\ \Phi_{28}^9\ \Phi_{20}^{12}\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_7^7\ \Phi_5^8\ \Phi_4^{12}\ \Phi_2^{10}\ \Phi_1^{10}$
64293	1123	1500	$\frac{2}{375}$	$\frac{377}{1500}$	$\frac{1}{3}$	$\frac{373}{750}$	$\Phi_{1500}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}\ \Phi_{125}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
64294	1123	2232	$\frac{7}{1116}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1109}{2232}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{248}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
64295	1123	2232	$\frac{7}{1116}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1109}{2232}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{248}\ \Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
64296	1123	1350	$\frac{2}{225}$	$\frac{227}{1350}$	$\frac{1}{3}$	$\frac{223}{450}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{270}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
64297	1123	2040	$\frac{1}{102}$	$\frac{103}{1020}$	$\frac{917}{2040}$	$\frac{101}{204}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}\ \Phi_{68}\ \Phi_{40}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
64298	1123	2220	$\frac{13}{1110}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1097}{2220}$	$\Phi_{2220}\ \Phi_{740}\ \Phi_{444}\ \Phi_{148}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
64299	1123	2112	$\frac{1}{66}$	$\frac{67}{1056}$	$\frac{989}{2112}$	$\frac{65}{132}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{132}\ \Phi_{64}\ \Phi_{44}\ \Phi_{12}\ \Phi_4\ \Phi_1$
64300	1123	1584	$\frac{1}{66}$	$\frac{67}{528}$	$\frac{461}{1584}$	$\frac{65}{132}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
64301	1123	1320	$\frac{1}{66}$	$\frac{197}{1320}$	$\frac{67}{264}$	$\frac{65}{132}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
64302	1123	2208	$\frac{19}{1104}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1085}{2208}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
64303	1123	2200	$\frac{23}{1100}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{1077}{2200}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{200}\ \Phi_{88}\ \Phi_{44}\ \Phi_{40}\ \Phi_8\ \Phi_4\ \Phi_1$
64304	1123	1200	$\frac{2}{75}$	$\frac{77}{1200}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
64305	1123	2176	$\frac{1}{34}$	$\frac{35}{1088}$	$\frac{1053}{2176}$	$\frac{33}{68}$	$\Phi_{2176}\ \Phi_{128}\ \Phi_{68}\ \Phi_4\ \Phi_1$
64306	1123	1632	$\frac{1}{34}$	$\frac{35}{544}$	$\frac{509}{1632}$	$\frac{33}{68}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{96}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
64307	1123	1224	$\frac{1}{34}$	$\frac{101}{1224}$	$\frac{35}{136}$	$\frac{33}{68}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{72}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
64308	1123	1360	$\frac{1}{34}$	$\frac{35}{272}$	$\frac{237}{1360}$	$\frac{33}{68}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{80}\ \Phi_{68}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
64309	1123	2160	$\frac{43}{1080}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{1037}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{16}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
64310	1123	1170	$\frac{47}{1170}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{130}\ \Phi_{117}\ \Phi_{78}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_9\ \Phi_5\ \Phi_1$
64311	1123	1320	$\frac{1}{22}$	$\frac{23}{220}$	$\frac{197}{1320}$	$\frac{21}{44}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
64312	1123	2112	$\frac{1}{22}$	$\frac{67}{1056}$	$\frac{21}{88}$	$\frac{989}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_8\ \Phi_4\ \Phi_1$
64313	1123	2100	$\frac{2}{75}$	$\frac{73}{1050}$	$\frac{1}{3}$	$\frac{977}{2100}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
64314	1123	1140	$\frac{17}{1140}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
64315	1123	1980	$\frac{1}{66}$	$\frac{133}{990}$	$\frac{65}{198}$	$\frac{857}{1980}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{132}\ \Phi_{99}\ \Phi_{60}\ \Phi_{44}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
64316	1123	1980	$\frac{1}{33}$	$\frac{133}{990}$	$\frac{32}{165}$	$\frac{857}{1980}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
64317	1123	1386	$\frac{1}{33}$	$\frac{32}{231}$	$\frac{263}{1386}$	$\frac{199}{462}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{231}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_1$
64318	1123	1584	$\frac{1}{66}$	$\frac{65}{396}$	$\frac{461}{1584}$	$\frac{331}{792}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
64319	1123	1488	$\frac{7}{372}$	$\frac{1}{6}$	$\frac{365}{1488}$	$\frac{5}{12}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}\ \Phi_{248}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
64320	1123	1152	$\frac{29}{1152}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
64321	1123	1320	$\frac{1}{33}$	$\frac{197}{1320}$	$\frac{32}{165}$	$\frac{133}{330}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
64322	1123	1152	$\frac{29}{1152}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
64323	1123	1848	$\frac{1}{33}$	$\frac{32}{231}$	$\frac{199}{924}$	$\frac{725}{1848}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$
64324	1123	1134	$\frac{11}{1134}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{162}\ \Phi_{126}\ \Phi_{81}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
64325	1123	1836	$\frac{1}{102}$	$\frac{205}{918}$	$\frac{101}{306}$	$\frac{713}{1836}$	$\Phi_{1836}\ \Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{108}\ \Phi_{68}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
64326	1123	1232	$\frac{1}{22}$	$\frac{109}{1232}$	$\frac{21}{88}$	$\frac{67}{176}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{112}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
64327	1123	1632	$\frac{1}{102}$	$\frac{101}{408}$	$\frac{509}{1632}$	$\frac{307}{816}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{96}\ \Phi_{68}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
64328	1123	1800	$\frac{2}{225}$	$\frac{223}{900}$	$\frac{1}{3}$	$\frac{677}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{120}\ \Phi_{75}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
64329	1123	1716	$\frac{1}{22}$	$\frac{21}{286}$	$\frac{265}{858}$	$\frac{593}{1716}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{286}\ \Phi_{156}\ \Phi_{143}\ \Phi_{132}\ \Phi_{52}\ \Phi_{44}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
64330	1123	1692	$\frac{5}{282}$	$\frac{1}{6}$	$\frac{277}{846}$	$\frac{569}{1692}$	$\Phi_{1692}\ \Phi_{564}\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{94}\ \Phi_{47}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
64331	1123	1674	$\frac{7}{558}$	$\frac{2}{9}$	$\frac{551}{1674}$	$\frac{1}{3}$	$\Phi_{1674}\ \Phi_{837}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
64332	1123	1665	$\frac{13}{555}$	$\frac{2}{15}$	$\frac{542}{1665}$	$\frac{1}{3}$	$\Phi_{1665}\ \Phi_{333}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
64333	1123	1215	$\frac{2}{45}$	$\frac{92}{1215}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{81}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
64334	1123	1620	$\frac{2}{45}$	$\frac{43}{540}$	$\frac{497}{1620}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
64335	1123	1575	$\frac{2}{75}$	$\frac{73}{525}$	$\frac{452}{1575}$	$\frac{1}{3}$	$\Phi_{1575}\ \Phi_{315}\ \Phi_{225}\ \Phi_{75}\ \Phi_{63}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
64336	1123	1260	$\frac{2}{45}$	$\frac{137}{1260}$	$\frac{43}{180}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_1$
64337	1123	1395	$\frac{7}{279}$	$\frac{272}{1395}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{155}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
64338	1123	1152	$\frac{29}{1152}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
64339	1123	1440	$\frac{2}{45}$	$\frac{43}{360}$	$\frac{317}{1440}$	$\frac{1}{3}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{32}\ \Phi_{16}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
64340	1123	1350	$\frac{2}{45}$	$\frac{43}{270}$	$\frac{227}{1350}$	$\frac{1}{3}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
64341	1123	1656	$\frac{19}{552}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{533}{1656}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{414}\ \Phi_{207}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
64342	1123	1584	$\frac{1}{22}$	$\frac{67}{528}$	$\frac{21}{88}$	$\frac{461}{1584}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{144}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
64343	1123	1485	$\frac{1}{33}$	$\frac{32}{165}$	$\frac{362}{1485}$	$\frac{133}{495}$	$\Phi_{1485}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}\ \Phi_{55}\ \Phi_{27}\ \Phi_{15}\ \Phi_5\ \Phi_1$
64344	1123	1320	$\frac{1}{22}$	$\frac{197}{1320}$	$\frac{21}{88}$	$\frac{67}{264}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
64345	1123	1408	$\frac{1}{22}$	$\frac{67}{352}$	$\frac{285}{1408}$	$\frac{21}{88}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{128}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_8\ \Phi_4\ \Phi_1$
64346	1124	1680	$\frac{1}{280}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{279}{560}$	$\Phi_{1680}\ \Phi_{560}^2\ \Phi_{336}\ \Phi_{240}\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{48}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
64347	1124	2790	$\frac{2}{279}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{277}{558}$	$\Phi_{2790}\ \Phi_{930}\ \Phi_{310}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
64348	1124	1880	$\frac{1}{94}$	$\frac{1}{5}$	$\frac{95}{376}$	$\frac{93}{188}$	$\Phi_{1880}\ \Phi_{470}\ \Phi_{235}\ \Phi_{40}\ \Phi_{10}$
64349	1124	2760	$\frac{5}{276}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{271}{552}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{120}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
64350	1124	1440	$\frac{7}{288}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
64351	1124	470	$\frac{1}{47}$	$\frac{46}{235}$	$\frac{1}{5}$	$\frac{189}{470}$	$\Phi_{470}^4\ \Phi_{235}\ \Phi_{94}^4\ \Phi_{10}^4\ \Phi_2^4$
64352	1124	420	$\frac{1}{140}$	$\frac{139}{420}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^2\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
64353	1124	852	$\frac{3}{284}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{852}\ \Phi_{426}\ \Phi_{284}^2\ \Phi_{213}\ \Phi_{142}^2\ \Phi_{71}^2\ \Phi_3\ \Phi_1^2$
64354	1124	285	$\frac{4}{285}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{285}^4\ \Phi_{95}^4\ \Phi_{57}^4\ \Phi_{19}^4\ \Phi_{15}^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
64355	1124	1050	$\frac{1}{70}$	$\frac{69}{350}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_3\ \Phi_1^2$
64356	1124	336	$\frac{1}{56}$	$\frac{55}{336}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{336}^4\ \Phi_{168}^3\ \Phi_{112}^4\ \Phi_{84}^3\ \Phi_{56}^2\ \Phi_{48}^4\ \Phi_{42}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
64357	1124	861	$\frac{6}{287}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{861}\ \Phi_{287}^2\ \Phi_{123}\ \Phi_{41}^2\ \Phi_3\ \Phi_1^2$
64358	1124	288	$\frac{7}{288}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{288}^4\ \Phi_{144}^4\ \Phi_{96}^4\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{32}^4\ \Phi_{24}^3\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{12}^3\ \Phi_9^4\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
64359	1124	960	$\frac{1}{40}$	$\frac{39}{320}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}^2\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}^2\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
64360	1124	315	$\frac{1}{35}$	$\frac{34}{315}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{315}^4\ \Phi_{105}^3\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_9^4\ \Phi_7^2\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
64361	1124	870	$\frac{9}{290}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}^2\ \Phi_{174}\ \Phi_{145}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_3\ \Phi_1^2$
64362	1124	924	$\frac{1}{28}$	$\frac{27}{308}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{132}\ \Phi_{77}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
64363	1124	294	$\frac{13}{294}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{294}^4\ \Phi_{147}^4\ \Phi_{98}^4\ \Phi_{49}^4\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
64364	1124	300	$\frac{1}{20}$	$\frac{19}{300}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^4\ \Phi_{60}^3\ \Phi_{50}^4\ \Phi_{30}^3\ \Phi_{25}^4\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
64365	1124	1860	$\frac{2}{93}$	$\frac{1}{5}$	$\frac{91}{372}$	$\frac{1}{3}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{310}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
64366	1124	1440	$\frac{7}{288}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
64367	1124	2070	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{133}{414}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
64368	1125	448	$\frac{1}{224}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{223}{448}$	$\Phi_{448}^5\ \Phi_{64}^5\ \Phi_8\ \Phi_1$
64369	1125	1504	$\frac{3}{376}$	$\frac{1}{4}$	$\frac{379}{1504}$	$\frac{373}{752}$	$\Phi_{1504}\ \Phi_{376}\ \Phi_{188}\ \Phi_{94}\ \Phi_{47}\ \Phi_{32}\ \Phi_8\ \Phi_1$
64370	1125	496	$\frac{1}{124}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{123}{248}$	$\Phi_{496}^4\ \Phi_{248}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
64371	1125	248	$\frac{1}{124}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{123}{248}$	$\Phi_{248}^9\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
64372	1125	1036	$\frac{1}{74}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{73}{148}$	$\Phi_{518}^2\ \Phi_{259}^2\ \Phi_{148}\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{28}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
64373	1125	1036	$\frac{1}{74}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{73}{148}$	$\Phi_{1036}^2\ \Phi_{148}^3\ \Phi_{28}^2\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
64374	1125	444	$\frac{1}{74}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{73}{148}$	$\Phi_{444}^2\ \Phi_{222}^4\ \Phi_{148}\ \Phi_{111}^4\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{12}^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
64375	1125	1230	$\frac{2}{123}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{121}{246}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{410}\ \Phi_{205}\ \Phi_{123}\ \Phi_{41}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
64376	1125	736	$\frac{7}{368}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{361}{736}$	$\Phi_{736}^3\ \Phi_{32}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
64377	1125	528	$\frac{1}{44}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{43}{88}$	$\Phi_{528}^4\ \Phi_{176}^4\ \Phi_{88}\ \Phi_{48}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
64378	1125	2376	$\frac{1}{44}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{216}\ \Phi_{88}\ \Phi_{72}\ \Phi_{27}\ \Phi_9\ \Phi_8\ \Phi_1$
64379	1125	792	$\frac{1}{44}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{43}{88}$	$\Phi_{792}^4\ \Phi_{88}\ \Phi_{72}^4\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
64380	1125	616	$\frac{1}{44}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{43}{88}$	$\Phi_{616}^4\ \Phi_{88}\ \Phi_{56}^4\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
64381	1125	352	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{43}{88}$	$\Phi_{352}^4\ \Phi_{176}^4\ \Phi_{88}\ \Phi_{32}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
64382	1125	264	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{43}{88}$	$\Phi_{264}^8\ \Phi_{88}^9\ \Phi_{24}^8\ \Phi_8^9\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
64383	1125	840	$\frac{1}{42}$	$\frac{1}{10}$	$\frac{43}{168}$	$\frac{41}{84}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
64384	1125	528	$\frac{1}{24}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{23}{48}$	$\Phi_{528}^4\ \Phi_{176}^4\ \Phi_{48}^5\ \Phi_{22}^2\ \Phi_{16}^5\ \Phi_{11}^2\ \Phi_2^2\ \Phi_1^3$
64385	1125	48	$\frac{1}{24}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{48}^{21}\ \Phi_{24}^{24}\ \Phi_{16}^{24}\ \Phi_{12}^{24}\ \Phi_8^{27}\ \Phi_6^{24}\ \Phi_4^{26}\ \Phi_3^{24}\ \Phi_2^{26}\ \Phi_1^{27}$
64386	1125	528	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{23}{48}$	$\Phi_{528}^4\ \Phi_{176}^4\ \Phi_{48}^5\ \Phi_{16}^5\ \Phi_{11}^4\ \Phi_1^5$
64387	1125	240	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{23}{48}$	$\Phi_{240}^{10}\ \Phi_{80}^{10}\ \Phi_{48}^5\ \Phi_{30}^2\ \Phi_{16}^5\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
64388	1125	1190	$\frac{6}{119}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{113}{238}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{170}\ \Phi_{119}\ \Phi_{85}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{17}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
64389	1125	720	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{19}{144}$	$\frac{17}{36}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{144}\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
64390	1125	1170	$\frac{8}{117}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{109}{234}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{117}\ \Phi_{90}^2\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
64391	1125	1036	$\frac{1}{37}$	$\frac{1}{14}$	$\frac{12}{37}$	$\frac{13}{28}$	$\Phi_{1036}^2\ \Phi_{148}^2\ \Phi_{37}^2\ \Phi_{28}^3\ \Phi_4^3\ \Phi_1^3$
64392	1125	364	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{364}^2\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{52}^4\ \Phi_{28}\ \Phi_{26}^5\ \Phi_{14}^2\ \Phi_{13}^5\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
64393	1125	1036	$\frac{2}{37}$	$\frac{1}{14}$	$\frac{7}{37}$	$\frac{13}{28}$	$\Phi_{1036}^2\ \Phi_{148}^2\ \Phi_{37}^2\ \Phi_{28}^3\ \Phi_4^3\ \Phi_1^3$
64394	1125	336	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^6\ \Phi_{42}^4\ \Phi_{28}\ \Phi_{24}^6\ \Phi_{21}^4\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_8^3\ \Phi_7^2\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
64395	1125	140	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{13}{28}$	$\Phi_{140}^8\ \Phi_{70}^{10}\ \Phi_{35}^{10}\ \Phi_{28}^4\ \Phi_{20}^8\ \Phi_{14}^5\ \Phi_{10}^9\ \Phi_7^5\ \Phi_5^9\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
64396	1125	1120	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{112}$	$\frac{99}{224}$	$\Phi_{1120}^2\ \Phi_{224}\ \Phi_{160}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{32}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
64397	1125	1488	$\frac{1}{62}$	$\frac{1}{8}$	$\frac{61}{186}$	$\frac{7}{16}$	$\Phi_{1488}^2\ \Phi_{186}\ \Phi_{93}\ \Phi_{48}^2\ \Phi_{16}\ \Phi_6\ \Phi_3\ \Phi_1$
64398	1125	128	$\frac{3}{128}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{128}^9\ \Phi_{64}^9\ \Phi_{32}^9\ \Phi_{16}^6\ \Phi_8^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
64399	1125	496	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{6}{31}$	$\frac{7}{16}$	$\Phi_{496}^4\ \Phi_{31}^4\ \Phi_{16}^5\ \Phi_1^5$
64400	1125	624	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{624}^4\ \Phi_{208}^2\ \Phi_{78}^2\ \Phi_{48}^2\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_6\ \Phi_3\ \Phi_1$
64401	1125	1316	$\frac{1}{47}$	$\frac{46}{329}$	$\frac{1}{4}$	$\frac{283}{658}$	$\Phi_{1316}\ \Phi_{329}\ \Phi_{188}^2\ \Phi_{94}\ \Phi_{47}\ \Phi_{28}\ \Phi_7\ \Phi_4\ \Phi_1$
64402	1125	1080	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{17}{108}$	$\frac{91}{216}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
64403	1125	660	$\frac{7}{132}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{22}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
64404	1125	210	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{4}{21}$	$\frac{17}{42}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^6\ \Phi_{42}\ \Phi_{35}^6\ \Phi_{30}^6\ \Phi_{21}^5\ \Phi_{15}^6\ \Phi_{14}\ \Phi_{10}^5\ \Phi_7^5\ \Phi_6\ \Phi_5^5\ \Phi_3^5\ \Phi_1^5$
64405	1125	281	$\frac{6}{281}$	$\frac{55}{281}$	$\frac{56}{281}$	$\frac{113}{281}$	$\Phi_{281}^4\ \Phi_1^5$
64406	1125	376	$\frac{3}{188}$	$\frac{37}{188}$	$\frac{1}{4}$	$\frac{151}{376}$	$\Phi_{376}^5\ \Phi_{188}\ \Phi_{94}\ \Phi_{47}\ \Phi_8^5\ \Phi_1$
64407	1125	112	$\frac{1}{112}$	$\frac{1}{4}$	$\frac{37}{112}$	$\frac{3}{8}$	$\Phi_{112}^{10}\ \Phi_{56}^{10}\ \Phi_{28}^{10}\ \Phi_{16}^{10}\ \Phi_{14}^{10}\ \Phi_8^{11}\ \Phi_7^{10}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
64408	1125	1136	$\frac{11}{1136}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1136}\ \Phi_{568}\ \Phi_{284}\ \Phi_{142}\ \Phi_{71}\ \Phi_8\ \Phi_1$
64409	1125	152	$\frac{1}{76}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{152}^{12}\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
64410	1125	56	$\frac{1}{56}$	$\frac{11}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{56}^{20}\ \Phi_{28}^{20}\ \Phi_{14}^{20}\ \Phi_8^{21}\ \Phi_7^{20}\ \Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^{21}$
64411	1125	552	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{552}^4\ \Phi_{184}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}\ \Phi_{24}^2\ \Phi_{23}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
64412	1125	448	$\frac{5}{224}$	$\frac{73}{448}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{448}^3\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{64}^3\ \Phi_{56}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
64413	1125	128	$\frac{3}{128}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{128}^9\ \Phi_{64}^9\ \Phi_{32}^8\ \Phi_{16}^8\ \Phi_8^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
64414	1125	616	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}^3\ \Phi_{88}^3\ \Phi_{77}^3\ \Phi_{56}^2\ \Phi_{11}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
64415	1125	232	$\frac{7}{232}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{232}^5\ \Phi_{116}^5\ \Phi_{58}^5\ \Phi_{29}^5\ \Phi_8\ \Phi_1$
64416	1125	256	$\frac{1}{32}$	$\frac{31}{256}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{256}^5\ \Phi_{128}^5\ \Phi_{64}^5\ \Phi_8\ \Phi_1$
64417	1125	56	$\frac{1}{28}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{56}^{32}\ \Phi_{28}^8\ \Phi_{14}^8\ \Phi_8^{33}\ \Phi_7^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
64418	1125	520	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}^4\ \Phi_{130}^2\ \Phi_{104}^2\ \Phi_{65}^2\ \Phi_{40}^2\ \Phi_{26}\ \Phi_{13}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
64419	1125	392	$\frac{17}{392}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{392}^3\ \Phi_{196}^3\ \Phi_{98}^3\ \Phi_{56}^2\ \Phi_{49}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
64420	1125	1232	$\frac{5}{112}$	$\frac{107}{1232}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{176}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
64421	1125	952	$\frac{13}{238}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{952}^2\ \Phi_{238}\ \Phi_{136}^2\ \Phi_{119}\ \Phi_{34}\ \Phi_{17}\ \Phi_8\ \Phi_1$
64422	1125	16	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{16}^{70}\ \Phi_8^{71}\ \Phi_4^{70}\ \Phi_2^{70}\ \Phi_1^{71}$
64423	1125	304	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{304}^4\ \Phi_{152}^4\ \Phi_{76}^4\ \Phi_{38}\ \Phi_{19}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^3\ \Phi_1^3$
64424	1125	188	$\frac{1}{94}$	$\frac{1}{4}$	$\frac{31}{94}$	$\frac{63}{188}$	$\Phi_{188}^5\ \Phi_{94}^7\ \Phi_{47}^7\ \Phi_4^4\ \Phi_2^6\ \Phi_1^7$
64425	1125	594	$\frac{1}{22}$	$\frac{2}{27}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{54}^2\ \Phi_{27}^3\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_9^3\ \Phi_2^2\ \Phi_1^3$
64426	1125	432	$\frac{1}{16}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{108}^2\ \Phi_{72}^3\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{18}^2\ \Phi_{16}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
64427	1125	297	$\frac{2}{27}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{297}^4\ \Phi_{99}^4\ \Phi_{27}^5\ \Phi_{11}^4\ \Phi_9^5\ \Phi_1^5$
64428	1125	270	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{270}^5\ \Phi_{135}^5\ \Phi_{90}^5\ \Phi_{54}^2\ \Phi_{45}^5\ \Phi_{30}^2\ \Phi_{27}^3\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9^3\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
64429	1125	372	$\frac{1}{62}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{61}{186}$	$\Phi_{372}^4\ \Phi_{186}^5\ \Phi_{93}^5\ \Phi_{12}^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
64430	1125	259	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{12}{37}$	$\Phi_{259}^4\ \Phi_{37}^6\ \Phi_7^6\ \Phi_1^9$
64431	1125	444	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{12}{37}$	$\Phi_{444}^4\ \Phi_{222}^2\ \Phi_{148}^2\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_{12}^6\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
64432	1125	281	$\frac{8}{281}$	$\frac{38}{281}$	$\frac{81}{281}$	$\frac{91}{281}$	$\Phi_{281}^4\ \Phi_1^5$
64433	1125	678	$\frac{7}{226}$	$\frac{1}{6}$	$\frac{51}{226}$	$\frac{73}{226}$	$\Phi_{678}^2\ \Phi_{339}^2\ \Phi_{226}\ \Phi_{113}\ \Phi_6\ \Phi_3\ \Phi_1$
64434	1125	562	$\frac{19}{562}$	$\frac{87}{562}$	$\frac{127}{562}$	$\frac{181}{562}$	$\Phi_{562}^2\ \Phi_{281}^2\ \Phi_2^2\ \Phi_1^3$
64435	1125	376	$\frac{13}{376}$	$\frac{51}{376}$	$\frac{1}{4}$	$\frac{121}{376}$	$\Phi_{376}^3\ \Phi_{188}^3\ \Phi_{94}^3\ \Phi_{47}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
64436	1125	184	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{59}{184}$	$\Phi_{184}^6\ \Phi_{92}^6\ \Phi_{46}^6\ \Phi_{23}^6\ \Phi_8^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
64437	1125	396	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{7}{22}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{99}^4\ \Phi_{36}^5\ \Phi_{22}^2\ \Phi_{18}^5\ \Phi_{11}^2\ \Phi_9^5\ \Phi_2^2\ \Phi_1^3$
64438	1125	308	$\frac{1}{22}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{7}{22}$	$\Phi_{308}^4\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{28}^5\ \Phi_{22}^2\ \Phi_{14}^5\ \Phi_{11}^2\ \Phi_7^5\ \Phi_2^2\ \Phi_1^3$
64439	1125	352	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{7}{22}$	$\Phi_{352}^4\ \Phi_{176}^4\ \Phi_{32}^5\ \Phi_{22}^2\ \Phi_{16}^5\ \Phi_{11}^2\ \Phi_2^2\ \Phi_1^3$
64440	1125	66	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{7}{22}$	$\Phi_{66}^{16}\ \Phi_{33}^{16}\ \Phi_{22}^{18}\ \Phi_{11}^{18}\ \Phi_6^{20}\ \Phi_3^{20}\ \Phi_2^{22}\ \Phi_1^{23}$
64441	1125	562	$\frac{31}{562}$	$\frac{77}{562}$	$\frac{97}{562}$	$\frac{177}{562}$	$\Phi_{562}^2\ \Phi_{281}^2\ \Phi_2^2\ \Phi_1^3$
64442	1125	810	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{37}{162}$	$\frac{17}{54}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{162}\ \Phi_{90}^2\ \Phi_{81}\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
64443	1125	678	$\frac{13}{226}$	$\frac{31}{226}$	$\frac{1}{6}$	$\frac{71}{226}$	$\Phi_{678}^2\ \Phi_{339}^2\ \Phi_{226}\ \Phi_{113}\ \Phi_6\ \Phi_3\ \Phi_1$
64444	1125	144	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{144}^{12}\ \Phi_{72}^{12}\ \Phi_{36}^9\ \Phi_{18}^9\ \Phi_{16}^3\ \Phi_9^9\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
64445	1125	396	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{11}{36}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{99}^4\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_{11}^4\ \Phi_9^5\ \Phi_1^5$
64446	1125	180	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{11}{36}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{45}^{10}\ \Phi_{36}^5\ \Phi_{30}^2\ \Phi_{18}^5\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9^5\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
64447	1125	364	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{364}^4\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{52}^6\ \Phi_{28}^2\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
64448	1125	259	$\frac{2}{37}$	$\frac{1}{7}$	$\frac{7}{37}$	$\frac{2}{7}$	$\Phi_{259}^4\ \Phi_{37}^6\ \Phi_7^6\ \Phi_1^9$
64449	1125	336	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^2\ \Phi_{84}^4\ \Phi_{56}^2\ \Phi_{48}^6\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^6\ \Phi_{21}^2\ \Phi_{16}^3\ \Phi_{12}^6\ \Phi_8^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
64450	1125	140	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{140}^{10}\ \Phi_{70}^8\ \Phi_{35}^8\ \Phi_{28}^5\ \Phi_{20}^{10}\ \Phi_{14}^3\ \Phi_{10}^7\ \Phi_7^5\ \Phi_5^7\ \Phi_4^5\ \Phi_2^2\ \Phi_1^5$
64451	1125	598	$\frac{1}{26}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{598}^2\ \Phi_{299}^2\ \Phi_{46}\ \Phi_{26}\ \Phi_{23}\ \Phi_{13}\ \Phi_1$
64452	1125	562	$\frac{27}{562}$	$\frac{91}{562}$	$\frac{107}{562}$	$\frac{157}{562}$	$\Phi_{562}^2\ \Phi_{281}^2\ \Phi_2^2\ \Phi_1^3$
64453	1125	304	$\frac{1}{16}$	$\frac{11}{76}$	$\frac{13}{76}$	$\frac{21}{76}$	$\Phi_{304}^4\ \Phi_{152}^4\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
64454	1125	281	$\frac{16}{281}$	$\frac{41}{281}$	$\frac{53}{281}$	$\frac{76}{281}$	$\Phi_{281}^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
64455	1125	678	$\frac{11}{226}$	$\frac{1}{6}$	$\frac{43}{226}$	$\frac{61}{226}$	$\Phi_{678}^2\ \Phi_{339}^2\ \Phi_{226}\ \Phi_{113}\ \Phi_6\ \Phi_3\ \Phi_1$
64456	1125	562	$\frac{17}{562}$	$\frac{109}{562}$	$\frac{137}{562}$	$\frac{151}{562}$	$\Phi_{562}^2\ \Phi_{281}^2\ \Phi_2^2\ \Phi_1^3$
64457	1125	376	$\frac{11}{376}$	$\frac{73}{376}$	$\frac{1}{4}$	$\frac{101}{376}$	$\Phi_{376}^3\ \Phi_{188}^3\ \Phi_{94}^3\ \Phi_{47}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
64458	1125	840	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{56}$	$\frac{43}{168}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{168}\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
64459	1125	128	$\frac{3}{128}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{128}^9\ \Phi_{64}^9\ \Phi_{32}^9\ \Phi_{16}^9\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
64460	1125	496	$\frac{3}{124}$	$\frac{121}{496}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{496}^3\ \Phi_{248}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
64461	1125	124	$\frac{1}{31}$	$\frac{6}{31}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{124}^8\ \Phi_{62}^8\ \Phi_{31}^{12}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{15}$
64462	1125	156	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{156}^8\ \Phi_{78}^{10}\ \Phi_{52}^4\ \Phi_{39}^{10}\ \Phi_{26}^5\ \Phi_{13}^5\ \Phi_{12}^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
64463	1125	112	$\frac{1}{16}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{112}^{12}\ \Phi_{56}^{12}\ \Phi_{28}^9\ \Phi_{16}^3\ \Phi_{14}^9\ \Phi_8^3\ \Phi_7^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
64464	1125	32	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{32}^{45}\ \Phi_{16}^{24}\ \Phi_8^{27}\ \Phi_4^{26}\ \Phi_2^{26}\ \Phi_1^{27}$
64465	1125	188	$\frac{2}{47}$	$\frac{9}{47}$	$\frac{19}{94}$	$\frac{1}{4}$	$\Phi_{188}^8\ \Phi_{94}^3\ \Phi_{47}^5\ \Phi_4^7\ \Phi_2^2\ \Phi_1^5$
64466	1125	444	$\frac{2}{37}$	$\frac{1}{6}$	$\frac{7}{37}$	$\frac{1}{4}$	$\Phi_{444}^4\ \Phi_{222}^2\ \Phi_{148}^2\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_{12}^6\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
64467	1125	376	$\frac{21}{376}$	$\frac{61}{376}$	$\frac{71}{376}$	$\frac{1}{4}$	$\Phi_{376}^3\ \Phi_{188}^3\ \Phi_{94}^3\ \Phi_{47}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
64468	1125	308	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{2}{11}$	$\frac{1}{4}$	$\Phi_{308}^4\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{28}^5\ \Phi_{14}^5\ \Phi_{11}^4\ \Phi_7^5\ \Phi_1^5$
64469	1125	48	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{48}^{24}\ \Phi_{24}^{24}\ \Phi_{16}^{27}\ \Phi_{12}^{16}\ \Phi_8^{27}\ \Phi_6^{20}\ \Phi_4^{18}\ \Phi_3^{20}\ \Phi_2^{22}\ \Phi_1^{23}$
64470	1125	420	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^2\ \Phi_{105}^4\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
64471	1125	352	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{7}{32}$	$\Phi_{352}^4\ \Phi_{176}^4\ \Phi_{32}^5\ \Phi_{16}^5\ \Phi_{11}^4\ \Phi_1^5$
64472	1125	480	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{32}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
64473	1125	720	$\frac{1}{10}$	$\frac{19}{144}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
64474	1125	66	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{2}{11}$	$\Phi_{66}^{16}\ \Phi_{33}^{16}\ \Phi_{22}^{16}\ \Phi_{11}^{20}\ \Phi_6^{20}\ \Phi_3^{20}\ \Phi_2^{20}\ \Phi_1^{25}$
64475	1125	281	$\frac{26}{281}$	$\frac{46}{281}$	$\frac{47}{281}$	$\frac{51}{281}$	$\Phi_{281}^4\ \Phi_1^5$
64476	1125	678	$\frac{21}{226}$	$\frac{37}{226}$	$\frac{1}{6}$	$\frac{41}{226}$	$\Phi_{678}^2\ \Phi_{339}^2\ \Phi_{226}\ \Phi_{113}\ \Phi_6\ \Phi_3\ \Phi_1$
64477	1125	30	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{30}^{42}\ \Phi_{15}^{42}\ \Phi_{10}^{41}\ \Phi_6^{21}\ \Phi_5^{41}\ \Phi_3^{21}\ \Phi_2^{20}\ \Phi_1^{21}$
64478	1126	1122	$\frac{2}{561}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{559}{1122}$	$\Phi_{1122}^2\ \Phi_{374}^2\ \Phi_{102}^2\ \Phi_{66}^2\ \Phi_{34}^2\ \Phi_{22}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
64479	1126	900	$\frac{1}{225}$	$\frac{113}{450}$	$\frac{337}{900}$	$\frac{112}{225}$	$\Phi_{900}^2\ \Phi_{300}^2\ \Phi_{225}\ \Phi_{180}^2\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
64480	1126	2256	$\frac{1}{188}$	$\frac{189}{752}$	$\frac{1}{3}$	$\frac{187}{376}$	$\Phi_{2256}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
64481	1126	1120	$\frac{3}{560}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{557}{1120}$	$\Phi_{1120}^2\ \Phi_{224}^2\ \Phi_{160}^2\ \Phi_{32}^2\ \Phi_5\ \Phi_1^2$
64482	1126	3360	$\frac{3}{560}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{557}{1120}$	$\Phi_{3360}\ \Phi_{672}\ \Phi_{480}\ \Phi_{96}\ \Phi_{12}\ \Phi_6$
64483	1126	1000	$\frac{1}{125}$	$\frac{63}{500}$	$\frac{437}{1000}$	$\frac{62}{125}$	$\Phi_{1000}^2\ \Phi_{200}^2\ \Phi_{125}\ \Phi_{40}^2\ \Phi_{25}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
64484	1126	750	$\frac{1}{125}$	$\frac{187}{750}$	$\frac{63}{250}$	$\frac{62}{125}$	$\Phi_{750}^2\ \Phi_{375}^2\ \Phi_{150}^2\ \Phi_{125}\ \Phi_{75}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
64485	1126	1116	$\frac{5}{558}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{553}{1116}$	$\Phi_{1116}^2\ \Phi_{372}^2\ \Phi_{124}^2\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
64486	1126	1116	$\frac{5}{558}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{553}{1116}$	$\Phi_{1116}^2\ \Phi_{372}^2\ \Phi_{124}^2\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
64487	1126	1050	$\frac{1}{75}$	$\frac{38}{525}$	$\frac{487}{1050}$	$\frac{37}{75}$	$\Phi_{1050}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{150}^2\ \Phi_{75}\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
64488	1126	1110	$\frac{8}{555}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{547}{1110}$	$\Phi_{1110}^2\ \Phi_{370}^2\ \Phi_{222}^2\ \Phi_{74}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
64489	1126	1107	$\frac{19}{1107}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{544}{1107}$	$\Phi_{1107}\ \Phi_{369}\ \Phi_{123}\ \Phi_{41}\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
64490	1126	1104	$\frac{11}{552}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{541}{1104}$	$\Phi_{1104}^2\ \Phi_{368}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
64491	1126	756	$\frac{4}{189}$	$\frac{1}{9}$	$\frac{193}{756}$	$\frac{185}{378}$	$\Phi_{756}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
64492	1126	1080	$\frac{1}{45}$	$\frac{23}{540}$	$\frac{517}{1080}$	$\frac{22}{45}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_9\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
64493	1126	810	$\frac{1}{45}$	$\frac{23}{270}$	$\frac{247}{810}$	$\frac{22}{45}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
64494	1126	630	$\frac{1}{45}$	$\frac{67}{630}$	$\frac{23}{90}$	$\frac{22}{45}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_9\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
64495	1126	720	$\frac{1}{45}$	$\frac{23}{180}$	$\frac{157}{720}$	$\frac{22}{45}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_9\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
64496	1126	675	$\frac{1}{45}$	$\frac{112}{675}$	$\frac{23}{135}$	$\frac{22}{45}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
64497	1126	1100	$\frac{13}{550}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{537}{1100}$	$\Phi_{1100}^2\ \Phi_{220}^2\ \Phi_{100}^2\ \Phi_{44}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
64498	1126	825	$\frac{1}{25}$	$\frac{13}{275}$	$\frac{262}{825}$	$\frac{12}{25}$	$\Phi_{825}^2\ \Phi_{165}^2\ \Phi_{75}^2\ \Phi_{33}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
64499	1126	600	$\frac{1}{25}$	$\frac{37}{600}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
64500	1126	1080	$\frac{23}{540}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{517}{1080}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
64501	1126	1080	$\frac{23}{540}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{517}{1080}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{40}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
64502	1126	648	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{85}{648}$	$\frac{77}{162}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
64503	1126	1071	$\frac{55}{1071}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{508}{1071}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}\ \Phi_{119}\ \Phi_{63}^2\ \Phi_{51}\ \Phi_{21}^2\ \Phi_{17}\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
64504	1126	630	$\frac{4}{63}$	$\frac{67}{630}$	$\frac{1}{9}$	$\frac{59}{126}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
64505	1126	1053	$\frac{73}{1053}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{490}{1053}$	$\Phi_{1053}\ \Phi_{351}\ \Phi_{117}\ \Phi_{81}^2\ \Phi_{39}\ \Phi_{27}^2\ \Phi_{13}\ \Phi_9\ \Phi_3\ \Phi_1^2$
64506	1126	576	$\frac{13}{576}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
64507	1126	3102	$\frac{1}{47}$	$\frac{46}{517}$	$\frac{1}{3}$	$\frac{471}{1034}$	$\Phi_{3102}\ \Phi_{282}\ \Phi_{141}\ \Phi_{66}\ \Phi_6$
64508	1126	837	$\frac{5}{279}$	$\frac{1}{9}$	$\frac{274}{837}$	$\frac{4}{9}$	$\Phi_{837}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
64509	1126	576	$\frac{13}{576}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
64510	1126	1008	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{59}{504}$	$\frac{445}{1008}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{63}^2\ \Phi_{48}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
64511	1126	987	$\frac{2}{141}$	$\frac{139}{987}$	$\frac{1}{3}$	$\frac{424}{987}$	$\Phi_{987}\ \Phi_{329}\ \Phi_{141}^2\ \Phi_{47}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
64512	1126	594	$\frac{31}{594}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
64513	1126	972	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{77}{486}$	$\frac{409}{972}$	$\Phi_{972}^2\ \Phi_{324}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
64514	1126	945	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{181}{945}$	$\frac{382}{945}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}^2\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_9\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
64515	1126	2820	$\frac{1}{94}$	$\frac{93}{470}$	$\frac{1}{3}$	$\frac{377}{940}$	$\Phi_{2820}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{60}\ \Phi_{12}\ \Phi_6$
64516	1126	840	$\frac{3}{280}$	$\frac{1}{5}$	$\frac{277}{840}$	$\frac{2}{5}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
64517	1126	570	$\frac{7}{570}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{570}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
64518	1126	700	$\frac{3}{140}$	$\frac{137}{700}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
64519	1126	580	$\frac{17}{580}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{580}^2\ \Phi_{290}^2\ \Phi_{145}^2\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_5\ \Phi_1^2$
64520	1126	640	$\frac{3}{80}$	$\frac{77}{640}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{640}^2\ \Phi_{320}^2\ \Phi_{160}^2\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_5\ \Phi_1^2$
64521	1126	630	$\frac{3}{70}$	$\frac{67}{630}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
64522	1126	595	$\frac{32}{595}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{595}^2\ \Phi_{119}^2\ \Phi_{85}^2\ \Phi_{17}^2\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
64523	1126	600	$\frac{37}{600}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
64524	1126	600	$\frac{37}{600}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
64525	1126	1704	$\frac{5}{568}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{426}\ \Phi_{213}\ \Phi_{12}\ \Phi_6$
64526	1126	900	$\frac{1}{75}$	$\frac{37}{150}$	$\frac{113}{450}$	$\frac{337}{900}$	$\Phi_{900}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
64527	1126	855	$\frac{14}{285}$	$\frac{1}{15}$	$\frac{271}{855}$	$\frac{292}{855}$	$\Phi_{855}\ \Phi_{285}^2\ \Phi_{171}\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{45}\ \Phi_{19}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
64528	1126	846	$\frac{1}{141}$	$\frac{140}{423}$	$\frac{1}{3}$	$\frac{283}{846}$	$\Phi_{846}^2\ \Phi_{282}^2\ \Phi_{141}^2\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
64529	1126	612	$\frac{2}{51}$	$\frac{49}{612}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{36}^2\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
64530	1126	594	$\frac{31}{594}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
64531	1126	840	$\frac{3}{280}$	$\frac{1}{4}$	$\frac{277}{840}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
64532	1126	828	$\frac{11}{276}$	$\frac{1}{12}$	$\frac{265}{828}$	$\frac{1}{3}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{207}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
64533	1126	576	$\frac{13}{576}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
64534	1126	2100	$\frac{3}{140}$	$\frac{137}{700}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{12}\ \Phi_6$
64535	1126	576	$\frac{13}{576}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
64536	1126	672	$\frac{3}{112}$	$\frac{109}{672}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}\ \Phi_{224}^2\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
64537	1126	1740	$\frac{17}{580}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{12}\ \Phi_6$
64538	1126	1920	$\frac{3}{80}$	$\frac{77}{640}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{12}\ \Phi_6$
64539	1126	588	$\frac{25}{588}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{84}\ \Phi_{49}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
64540	1126	1848	$\frac{3}{56}$	$\frac{53}{616}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
64541	1126	600	$\frac{37}{600}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
64542	1126	744	$\frac{5}{186}$	$\frac{1}{6}$	$\frac{181}{744}$	$\frac{1}{3}$	$\Phi_{744}^2\ \Phi_{372}^2\ \Phi_{248}^2\ \Phi_{124}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
64543	1126	729	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{166}{729}$	$\frac{77}{243}$	$\Phi_{729}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
64544	1126	810	$\frac{1}{15}$	$\frac{23}{270}$	$\frac{7}{30}$	$\frac{247}{810}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
64545	1126	810	$\frac{23}{270}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{247}{810}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
64546	1126	630	$\frac{1}{15}$	$\frac{67}{630}$	$\frac{7}{30}$	$\frac{23}{90}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
64547	1126	756	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{59}{252}$	$\frac{193}{756}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{108}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
64548	1126	720	$\frac{1}{15}$	$\frac{23}{180}$	$\frac{157}{720}$	$\frac{7}{30}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
64549	1126	648	$\frac{1}{9}$	$\frac{85}{648}$	$\frac{4}{27}$	$\frac{23}{108}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{72}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
64550	1126	675	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{112}{675}$	$\frac{23}{135}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{75}^2\ \Phi_{27}^2\ \Phi_{25}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
64551	1127	960	$\frac{1}{160}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{159}{320}$	$\Phi_{960}^2\ \Phi_{320}^3\ \Phi_{192}^2\ \Phi_{64}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
64552	1127	2880	$\frac{1}{160}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{159}{320}$	$\Phi_{2880}\ \Phi_{576}\ \Phi_{320}\ \Phi_{64}\ \Phi_9\ \Phi_1$
64553	1127	1272	$\frac{2}{159}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{157}{318}$	$\Phi_{1272}\ \Phi_{636}\ \Phi_{424}\ \Phi_{212}\ \Phi_{159}\ \Phi_{53}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
64554	1127	216	$\frac{1}{54}$	$\frac{1}{8}$	$\frac{55}{216}$	$\frac{53}{108}$	$\Phi_{216}^5\ \Phi_{108}^6\ \Phi_{72}^5\ \Phi_{54}^5\ \Phi_{36}^6\ \Phi_{27}^5\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{12}^6\ \Phi_9^5\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
64555	1127	1056	$\frac{1}{48}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{47}{96}$	$\Phi_{1056}^2\ \Phi_{352}^2\ \Phi_{96}^3\ \Phi_{44}\ \Phi_{32}^3\ \Phi_4\ \Phi_1$
64556	1127	1056	$\frac{1}{48}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{47}{96}$	$\Phi_{1056}^2\ \Phi_{352}^2\ \Phi_{96}^3\ \Phi_{33}\ \Phi_{32}^3\ \Phi_3\ \Phi_1$
64557	1127	312	$\frac{5}{156}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{151}{312}$	$\Phi_{312}^3\ \Phi_{156}^4\ \Phi_{104}^3\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{24}^5\ \Phi_{13}^4\ \Phi_{12}^6\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
64558	1127	2244	$\frac{2}{51}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{2244}\ \Phi_{748}\ \Phi_{204}\ \Phi_{68}\ \Phi_{51}\ \Phi_{44}\ \Phi_{17}\ \Phi_4\ \Phi_1$
64559	1127	792	$\frac{1}{24}$	$\frac{1}{22}$	$\frac{23}{72}$	$\frac{21}{44}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{72}^3\ \Phi_{44}\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_4\ \Phi_1$
64560	1127	572	$\frac{1}{22}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{572}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{52}^3\ \Phi_{44}\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_4\ \Phi_1$
64561	1127	704	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{21}{44}$	$\Phi_{704}^2\ \Phi_{352}^2\ \Phi_{64}^3\ \Phi_{44}\ \Phi_{32}^3\ \Phi_4\ \Phi_1$
64562	1127	660	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{21}{44}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{60}^3\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
64563	1127	1188	$\frac{1}{22}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{21}{44}$	$\Phi_{1188}^2\ \Phi_{396}^2\ \Phi_{108}^2\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
64564	1127	88	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{21}{44}$	$\Phi_{88}^{12}\ \Phi_{44}^{13}\ \Phi_{22}^{12}\ \Phi_{11}^{12}\ \Phi_8^{18}\ \Phi_4^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
64565	1127	1224	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{145}{306}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{204}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}^2\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
64566	1127	360	$\frac{1}{18}$	$\frac{19}{180}$	$\frac{1}{8}$	$\frac{17}{36}$	$\Phi_{360}^4\ \Phi_{180}^3\ \Phi_{120}^4\ \Phi_{90}^3\ \Phi_{72}^2\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^4\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{18}\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
64567	1127	360	$\frac{1}{24}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^4\ \Phi_{90}^2\ \Phi_{72}^3\ \Phi_{60}^4\ \Phi_{45}^3\ \Phi_{40}^4\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{18}^2\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
64568	1127	1050	$\frac{1}{50}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}^2\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
64569	1127	120	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{120}^{10}\ \Phi_{60}^9\ \Phi_{40}^{10}\ \Phi_{30}^9\ \Phi_{24}^9\ \Phi_{20}^{10}\ \Phi_{15}^9\ \Phi_{12}^8\ \Phi_{10}^9\ \Phi_8^9\ \Phi_6^8\ \Phi_5^9\ \Phi_4^9\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
64570	1127	288	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{1}{8}$	$\frac{127}{288}$	$\Phi_{288}^7\ \Phi_{96}^7\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{32}^7\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
64571	1127	800	$\frac{1}{50}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{800}^2\ \Phi_{200}^2\ \Phi_{160}^2\ \Phi_{100}^2\ \Phi_{50}\ \Phi_{40}^2\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
64572	1127	200	$\frac{1}{50}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{200}^{10}\ \Phi_{100}^2\ \Phi_{50}\ \Phi_{40}^9\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8^9\ \Phi_5\ \Phi_4\ \Phi_1$
64573	1127	240	$\frac{1}{80}$	$\frac{1}{6}$	$\frac{79}{240}$	$\frac{5}{12}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^4\ \Phi_{60}^5\ \Phi_{48}^5\ \Phi_{40}^4\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^5\ \Phi_5^4\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
64574	1127	492	$\frac{3}{164}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{492}^2\ \Phi_{246}^2\ \Phi_{164}^3\ \Phi_{123}^2\ \Phi_{82}^3\ \Phi_{41}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
64575	1127	660	$\frac{4}{165}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{660}^3\ \Phi_{220}^3\ \Phi_{165}\ \Phi_{132}^3\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{44}^3\ \Phi_{33}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^3\ \Phi_{11}\ \Phi_4^3\ \Phi_3\ \Phi_1$
64576	1127	600	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{39}{200}$	$\frac{5}{12}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^3\ \Phi_{150}^2\ \Phi_{100}^3\ \Phi_{75}^2\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
64577	1127	192	$\frac{1}{32}$	$\frac{31}{192}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{192}^7\ \Phi_{96}^5\ \Phi_{64}^7\ \Phi_{48}^5\ \Phi_{32}^4\ \Phi_{24}^5\ \Phi_{16}^4\ \Phi_{12}^6\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
64578	1127	240	$\frac{3}{80}$	$\frac{11}{80}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^6\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^6\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^6\ \Phi_{16}^6\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^6\ \Phi_8^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
64579	1127	24	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{24}^{47}\ \Phi_{12}^{48}\ \Phi_8^{46}\ \Phi_6^{47}\ \Phi_4^{47}\ \Phi_3^{47}\ \Phi_2^{46}\ \Phi_1^{47}$
64580	1127	180	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{180}^7\ \Phi_{90}^7\ \Phi_{60}^5\ \Phi_{45}^7\ \Phi_{36}^7\ \Phi_{30}^5\ \Phi_{20}^4\ \Phi_{18}^7\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_9^7\ \Phi_6^5\ \Phi_5^4\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
64581	1127	1020	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1020}^2\ \Phi_{340}^2\ \Phi_{204}^2\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}^2\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
64582	1127	528	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^3\ \Phi_{132}^2\ \Phi_{88}^3\ \Phi_{66}^2\ \Phi_{44}^3\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{12}\ \Phi_{11}^3\ \Phi_4\ \Phi_1$
64583	1127	1080	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{26}{135}$	$\frac{109}{270}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{216}^2\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
64584	1127	240	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{240}^8\ \Phi_{120}^2\ \Phi_{80}^7\ \Phi_{60}^2\ \Phi_{48}^8\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^7\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
64585	1127	900	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{900}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
64586	1127	720	$\frac{1}{80}$	$\frac{2}{9}$	$\frac{79}{240}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
64587	1127	561	$\frac{2}{51}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{561}^2\ \Phi_{187}^2\ \Phi_{51}^3\ \Phi_{33}\ \Phi_{17}^3\ \Phi_3\ \Phi_1$
64588	1127	1476	$\frac{3}{164}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{369}\ \Phi_{164}\ \Phi_{82}\ \Phi_{41}\ \Phi_9\ \Phi_1$
64589	1127	495	$\frac{4}{165}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{495}^3\ \Phi_{165}\ \Phi_{99}^3\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_9^3\ \Phi_3\ \Phi_1$
64590	1127	1800	$\frac{1}{40}$	$\frac{39}{200}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{225}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_9\ \Phi_1$
64591	1127	576	$\frac{1}{32}$	$\frac{31}{192}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{576}^3\ \Phi_{288}^2\ \Phi_{192}\ \Phi_{144}^2\ \Phi_{96}\ \Phi_{72}^2\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
64592	1127	720	$\frac{3}{80}$	$\frac{11}{80}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_9^3\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
64593	1127	72	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{72}^{20}\ \Phi_{36}^{20}\ \Phi_{24}^7\ \Phi_{18}^{20}\ \Phi_{12}^7\ \Phi_9^{21}\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
64594	1127	180	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^7\ \Phi_{45}^6\ \Phi_{36}^6\ \Phi_{30}^7\ \Phi_{20}^6\ \Phi_{18}^6\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}^6\ \Phi_9^7\ \Phi_6^7\ \Phi_5^6\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
64595	1127	1530	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{306}\ \Phi_{170}\ \Phi_{153}\ \Phi_{85}\ \Phi_{34}\ \Phi_{17}\ \Phi_9\ \Phi_1$
64596	1127	1584	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{99}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_9\ \Phi_1$
64597	1127	792	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{72}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{33}\ \Phi_{18}^3\ \Phi_9^3\ \Phi_3\ \Phi_1$
64598	1127	936	$\frac{5}{78}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{73}{234}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{234}\ \Phi_{117}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
64599	1127	1716	$\frac{3}{52}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{429}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{33}\ \Phi_{26}\ \Phi_{13}\ \Phi_3\ \Phi_1$
64600	1127	2112	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{15}{64}$	$\frac{10}{33}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{33}\ \Phi_{32}\ \Phi_3\ \Phi_1$
64601	1127	660	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{60}$	$\frac{10}{33}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{60}^3\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_3\ \Phi_1$
64602	1127	594	$\frac{1}{11}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{54}^3\ \Phi_{33}\ \Phi_{27}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_3\ \Phi_1$
64603	1127	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{10}{33}$	$\Phi_{264}^6\ \Phi_{132}^6\ \Phi_{66}^6\ \Phi_{33}^7\ \Phi_{24}^6\ \Phi_{12}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
64604	1127	120	$\frac{1}{24}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{120}^{10}\ \Phi_{60}^9\ \Phi_{40}^{10}\ \Phi_{30}^9\ \Phi_{24}^9\ \Phi_{20}^9\ \Phi_{15}^{10}\ \Phi_{12}^8\ \Phi_{10}^9\ \Phi_8^9\ \Phi_6^8\ \Phi_5^9\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
64605	1127	216	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{55}{216}$	$\Phi_{216}^7\ \Phi_{108}^7\ \Phi_{72}^2\ \Phi_{54}^7\ \Phi_{36}^2\ \Phi_{27}^7\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
64606	1128	843	$\frac{1}{281}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{140}{281}$	$\Phi_{843}\ \Phi_{281}^2\ \Phi_3^2\ \Phi_1^4$
64607	1128	1127	$\frac{5}{1127}$	$\frac{283}{1127}$	$\frac{422}{1127}$	$\frac{561}{1127}$	$\Phi_{1127}\ \Phi_{161}\ \Phi_{49}\ \Phi_{23}\ \Phi_7\ \Phi_1^2$
64608	1128	1695	$\frac{3}{565}$	$\frac{142}{565}$	$\frac{1}{3}$	$\frac{281}{565}$	$\Phi_{1695}\ \Phi_{339}\ \Phi_{15}$
64609	1128	935	$\frac{1}{187}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{93}{187}$	$\Phi_{935}\ \Phi_{187}^2\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
64610	1128	2244	$\frac{1}{187}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{93}{187}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{204}\ \Phi_{132}\ \Phi_{102}\ \Phi_{66}\ \Phi_{12}^2\ \Phi_6^2$
64611	1128	161	$\frac{1}{161}$	$\frac{27}{161}$	$\frac{67}{161}$	$\frac{80}{161}$	$\Phi_{161}^7\ \Phi_{23}^7\ \Phi_7^7\ \Phi_1^8$
64612	1128	280	$\frac{1}{140}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{139}{280}$	$\Phi_{280}^8\ \Phi_{56}^8\ \Phi_{40}^8\ \Phi_8^8\ \Phi_7\ \Phi_1^2$
64613	1128	840	$\frac{1}{140}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{139}{280}$	$\Phi_{840}^4\ \Phi_{168}^4\ \Phi_{120}^4\ \Phi_{24}^4\ \Phi_{15}$
64614	1128	1508	$\frac{3}{377}$	$\frac{1}{4}$	$\frac{95}{377}$	$\frac{187}{377}$	$\Phi_{1508}\ \Phi_{754}\ \Phi_{116}\ \Phi_{58}\ \Phi_{52}\ \Phi_{26}$
64615	1128	1127	$\frac{9}{1127}$	$\frac{281}{1127}$	$\frac{284}{1127}$	$\frac{559}{1127}$	$\Phi_{1127}\ \Phi_{161}\ \Phi_{49}\ \Phi_{23}\ \Phi_7\ \Phi_1^2$
64616	1128	339	$\frac{1}{113}$	$\frac{19}{113}$	$\frac{1}{3}$	$\frac{56}{113}$	$\Phi_{339}^5\ \Phi_3^4$
64617	1128	1023	$\frac{1}{93}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{46}{93}$	$\Phi_{1023}\ \Phi_{341}\ \Phi_{93}^2\ \Phi_{33}\ \Phi_{31}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
64618	1128	651	$\frac{1}{93}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{46}{93}$	$\Phi_{651}^2\ \Phi_{217}^2\ \Phi_{21}^3\ \Phi_7^2$
64619	1128	1023	$\frac{1}{93}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{46}{93}$	$\Phi_{1023}\ \Phi_{341}\ \Phi_{93}^2\ \Phi_{33}\ \Phi_{31}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
64620	1128	1860	$\frac{1}{93}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{46}{93}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{310}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
64621	1128	1127	$\frac{13}{1127}$	$\frac{95}{1127}$	$\frac{516}{1127}$	$\frac{557}{1127}$	$\Phi_{1127}\ \Phi_{161}\ \Phi_{49}\ \Phi_{23}\ \Phi_{7}\ \Phi_{1}^{2}$
64622	1128	371	$\frac{5}{371}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{183}{371}$	$\Phi_{371}^{3}\ \Phi_{53}^{3}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
64623	1128	1127	$\frac{17}{1127}$	$\frac{143}{1127}$	$\frac{328}{1127}$	$\frac{555}{1127}$	$\Phi_{1127}\ \Phi_{161}\ \Phi_{49}\ \Phi_{23}\ \Phi_{7}\ \Phi_{1}^{2}$
64624	1128	63	$\frac{1}{63}$	$\frac{1}{7}$	$\frac{16}{63}$	$\frac{31}{63}$	$\Phi_{63}^{18}\ \Phi_{21}^{18}\ \Phi_{9}^{18}\ \Phi_{7}^{17}\ \Phi_{3}^{18}\ \Phi_{1}^{18}$
64625	1128	1127	$\frac{19}{1127}$	$\frac{191}{1127}$	$\frac{234}{1127}$	$\frac{554}{1127}$	$\Phi_{1127}\ \Phi_{161}\ \Phi_{49}\ \Phi_{23}\ \Phi_{7}\ \Phi_{1}^{2}$
64626	1128	1415	$\frac{5}{283}$	$\frac{48}{283}$	$\frac{1}{5}$	$\frac{139}{283}$	Φ_{1415}
64627	1128	1508	$\frac{7}{377}$	$\frac{48}{377}$	$\frac{1}{4}$	$\frac{185}{377}$	$\Phi_{1508}\ \Phi_{754}\ \Phi_{116}\ \Phi_{58}\ \Phi_{52}\ \Phi_{26}$
64628	1128	161	$\frac{3}{161}$	$\frac{20}{161}$	$\frac{41}{161}$	$\frac{79}{161}$	$\Phi_{161}^{7}\ \Phi_{23}^{7}\ \Phi_{7}^{7}\ \Phi_{1}^{8}$
64629	1128	1695	$\frac{11}{565}$	$\frac{48}{565}$	$\frac{1}{3}$	$\frac{277}{565}$	$\Phi_{1695}\ \Phi_{339}\ \Phi_{15}$
64630	1128	539	$\frac{1}{49}$	$\frac{25}{539}$	$\frac{257}{539}$	$\frac{24}{49}$	$\Phi_{539}^{2}\ \Phi_{77}^{2}\ \Phi_{49}^{3}\ \Phi_{11}^{2}\ \Phi_{7}^{3}\ \Phi_{1}^{4}$
64631	1128	92	$\frac{1}{46}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{45}{92}$	$\Phi_{92}^{24}\ \Phi_{23}\ \Phi_{4}^{24}\ \Phi_{1}^{2}$
64632	1128	3588	$\frac{1}{46}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{3588}\ \Phi_{156}\ \Phi_{39}$
64633	1128	92	$\frac{1}{46}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{45}{92}$	$\Phi_{92}^{24}\ \Phi_{23}\ \Phi_{4}^{24}\ \Phi_{1}^{2}$
64634	1128	828	$\frac{1}{46}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{45}{92}$	$\Phi_{828}\ \Phi_{414}^{2}\ \Phi_{276}\ \Phi_{207}^{2}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
64635	1128	92	$\frac{1}{46}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{45}{92}$	$\Phi_{92}^{24}\ \Phi_{23}\ \Phi_{4}^{24}\ \Phi_{1}^{2}$
64636	1128	3220	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{45}{92}$	$\Phi_{3220}\ \Phi_{140}\ \Phi_{35}$
64637	1128	364	$\frac{3}{91}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{44}{91}$	$\Phi_{364}^{4}\ \Phi_{182}^{4}\ \Phi_{52}^{5}\ \Phi_{28}^{4}\ \Phi_{26}^{5}\ \Phi_{14}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
64638	1128	91	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{44}{91}$	$\Phi_{91}^{12}\ \Phi_{13}^{12}\ \Phi_{7}^{17}\ \Phi_{1}^{18}$
64639	1128	812	$\frac{1}{29}$	$\frac{15}{203}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{812}^{2}\ \Phi_{406}^{2}\ \Phi_{116}\ \Phi_{58}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
64640	1128	378	$\frac{1}{27}$	$\frac{7}{54}$	$\frac{1}{7}$	$\frac{13}{27}$	$\Phi_{378}^{4}\ \Phi_{189}^{3}\ \Phi_{126}^{4}\ \Phi_{63}^{3}\ \Phi_{42}^{4}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{2}$
64641	1128	69	$\frac{1}{23}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{11}{23}$	$\Phi_{69}^{24}\ \Phi_{23}\ \Phi_{3}^{24}\ \Phi_{1}^{2}$
64642	1128	299	$\frac{1}{23}$	$\frac{17}{299}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{299}^{4}\ \Phi_{23}\ \Phi_{13}^{4}\ \Phi_{1}^{2}$
64643	1128	184	$\frac{1}{23}$	$\frac{3}{46}$	$\frac{43}{184}$	$\frac{11}{23}$	$\Phi_{184}^{8}\ \Phi_{92}^{8}\ \Phi_{23}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{1}^{2}$
64644	1128	115	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{21}{115}$	$\frac{11}{23}$	$\Phi_{115}^{12}\ \Phi_{23}\ \Phi_{5}^{12}\ \Phi_{1}^{2}$
64645	1128	207	$\frac{1}{23}$	$\frac{19}{207}$	$\frac{4}{23}$	$\frac{11}{23}$	$\Phi_{207}^{6}\ \Phi_{69}^{6}\ \Phi_{23}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
64646	1128	161	$\frac{1}{23}$	$\frac{20}{161}$	$\frac{3}{23}$	$\frac{11}{23}$	$\Phi_{161}^{8}\ \Phi_{23}\ \Phi_{7}^{8}\ \Phi_{1}^{2}$
64647	1128	450	$\frac{1}{25}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{450}^{5}\ \Phi_{150}^{5}\ \Phi_{90}^{4}\ \Phi_{75}\ \Phi_{50}^{5}\ \Phi_{30}^{4}\ \Phi_{18}^{4}\ \Phi_{15}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{2}^{4}$
64648	1128	1170	$\frac{2}{45}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{43}{90}$	$\Phi_{1170}^{2}\ \Phi_{390}^{2}\ \Phi_{234}^{2}\ \Phi_{130}^{2}\ \Phi_{78}^{2}\ \Phi_{65}\ \Phi_{26}^{2}$
64649	1128	630	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{43}{90}$	$\Phi_{630}^{4}\ \Phi_{210}^{4}\ \Phi_{126}^{4}\ \Phi_{70}^{4}\ \Phi_{63}\ \Phi_{42}^{4}\ \Phi_{21}\ \Phi_{14}^{4}$
64650	1128	105	$\frac{1}{21}$	$\frac{11}{105}$	$\frac{1}{7}$	$\frac{10}{21}$	$\Phi_{105}^{12}\ \Phi_{35}^{12}\ \Phi_{21}^{6}\ \Phi_{15}^{12}\ \Phi_{7}^{5}\ \Phi_{5}^{12}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
64651	1128	741	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{741}^{2}\ \Phi_{247}\ \Phi_{39}^{2}$
64652	1128	357	$\frac{19}{357}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{169}{357}$	$\Phi_{357}^{3}\ \Phi_{119}^{3}\ \Phi_{51}^{3}\ \Phi_{21}^{6}\ \Phi_{17}^{3}\ \Phi_{7}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
64653	1128	49	$\frac{2}{49}$	$\frac{3}{49}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{49}^{23}\ \Phi_{7}^{23}\ \Phi_{1}^{24}$
64654	1128	1600	$\frac{1}{25}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{1600}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
64655	1128	2200	$\frac{1}{25}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
64656	1128	780	$\frac{7}{195}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{156}^{2}\ \Phi_{130}^{2}\ \Phi_{78}^{2}\ \Phi_{60}^{2}\ \Phi_{52}\ \Phi_{30}^{2}\ \Phi_{26}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}$
64657	1128	348	$\frac{1}{29}$	$\frac{7}{87}$	$\frac{1}{4}$	$\frac{40}{87}$	$\Phi_{348}^{4}\ \Phi_{174}^{4}\ \Phi_{116}^{5}\ \Phi_{58}^{5}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
64658	1128	345	$\frac{1}{23}$	$\frac{31}{345}$	$\frac{22}{115}$	$\frac{157}{345}$	$\Phi_{345}^{3}\ \Phi_{115}^{4}\ \Phi_{69}^{3}\ \Phi_{23}^{3}\ \Phi_{15}^{3}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
64659	1128	528	$\frac{1}{48}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{528}^{2}\ \Phi_{264}^{2}\ \Phi_{176}^{2}\ \Phi_{132}^{2}\ \Phi_{88}^{2}\ \Phi_{66}^{2}\ \Phi_{48}^{4}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{24}^{4}\ \Phi_{22}^{2}\ \Phi_{16}^{4}\ \Phi_{12}^{4}\ \Phi_{11}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
64660	1128	682	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{15}{62}$	$\frac{5}{11}$	$\Phi_{682}^{2}\ \Phi_{341}\ \Phi_{62}^{4}\ \Phi_{31}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
64661	1128	115	$\frac{1}{23}$	$\frac{11}{115}$	$\frac{21}{115}$	$\frac{52}{115}$	$\Phi_{115}^{10}\ \Phi_{23}^{9}\ \Phi_{5}^{10}\ \Phi_{1}^{10}$
64662	1128	343	$\frac{1}{49}$	$\frac{33}{343}$	$\frac{16}{49}$	$\frac{155}{343}$	$\Phi_{343}^{3}\ \Phi_{49}^{5}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
64663	1128	49	$\frac{2}{49}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{49}^{23}\ \Phi_{7}^{23}\ \Phi_{1}^{24}$
64664	1128	693	$\frac{5}{99}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{693}^{2}\ \Phi_{231}^{2}\ \Phi_{77}^{2}\ \Phi_{63}\ \Phi_{21}$
64665	1128	2100	$\frac{1}{25}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{150}\ \Phi_{140}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
64666	1128	84	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{37}{84}$	$\Phi_{84}^{24}\ \Phi_{28}^{24}\ \Phi_{21}^{6}\ \Phi_{12}^{24}\ \Phi_{7}^{5}\ \Phi_{4}^{24}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
64667	1128	1200	$\frac{1}{48}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
64668	1128	196	$\frac{1}{49}$	$\frac{6}{49}$	$\frac{55}{196}$	$\frac{43}{98}$	$\Phi_{196}^{8}\ \Phi_{49}^{7}\ \Phi_{28}^{8}\ \Phi_{7}^{7}\ \Phi_{4}^{8}\ \Phi_{1}^{8}$
64669	1128	70	$\frac{1}{70}$	$\frac{1}{7}$	$\frac{23}{70}$	$\frac{3}{7}$	$\Phi_{70}^{16}\ \Phi_{35}^{16}\ \Phi_{14}^{16}\ \Phi_{10}^{16}\ \Phi_{7}^{17}\ \Phi_{5}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
64670	1128	287	$\frac{5}{287}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{287}^{4}\ \Phi_{41}^{4}\ \Phi_{7}\ \Phi_{1}^{2}$
64671	1128	336	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{336}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{3}\ \Phi_{84}^{3}\ \Phi_{56}^{3}\ \Phi_{48}^{6}\ \Phi_{42}^{3}\ \Phi_{28}^{2}\ \Phi_{24}^{6}\ \Phi_{21}^{3}\ \Phi_{16}^{6}\ \Phi_{14}^{2}\ \Phi_{12}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{3}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
64672	1128	1015	$\frac{4}{145}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1015}\ \Phi_{203}\ \Phi_{145}^{2}\ \Phi_{29}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
64673	1128	175	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{34}{175}$	$\frac{3}{7}$	$\Phi_{175}^{8}\ \Phi_{25}^{8}\ \Phi_{7}\ \Phi_{1}^{2}$
64674	1128	56	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{9}{56}$	$\frac{3}{7}$	$\Phi_{56}^{24}\ \Phi_{28}^{16}\ \Phi_{14}^{16}\ \Phi_{8}^{24}\ \Phi_{7}^{17}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
64675	1128	49	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{49}^{24}\ \Phi_{7}^{17}\ \Phi_{1}^{18}$
64676	1128	1120	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}^{2}\ \Phi_{112}\ \Phi_{80}^{2}\ \Phi_{56}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
64677	1128	595	$\frac{31}{595}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{595}^{2}\ \Phi_{119}^{2}\ \Phi_{85}^{2}\ \Phi_{17}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
64678	1128	105	$\frac{2}{35}$	$\frac{11}{105}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{105}^{12}\ \Phi_{35}^{8}\ \Phi_{21}^{12}\ \Phi_{15}^{12}\ \Phi_{7}^{9}\ \Phi_{5}^{8}\ \Phi_{3}^{12}\ \Phi_{1}^{10}$
64679	1128	350	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{350}^{3}\ \Phi_{175}^{3}\ \Phi_{70}^{2}\ \Phi_{50}^{6}\ \Phi_{35}^{2}\ \Phi_{25}^{6}\ \Phi_{14}^{2}\ \Phi_{10}^{4}\ \Phi_{7}^{3}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
64680	1128	154	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{154}^{8}\ \Phi_{77}^{8}\ \Phi_{22}^{8}\ \Phi_{11}^{8}\ \Phi_{7}\ \Phi_{1}^{2}$
64681	1128	245	$\frac{1}{49}$	$\frac{37}{245}$	$\frac{12}{49}$	$\frac{104}{245}$	$\Phi_{245}^{4}\ \Phi_{49}^{7}\ \Phi_{35}^{4}\ \Phi_{7}^{7}\ \Phi_{5}^{4}\ \Phi_{1}^{8}$
64682	1128	567	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{13}{81}$	$\frac{34}{81}$	$\Phi_{567}^{2}\ \Phi_{189}^{3}\ \Phi_{63}^{3}\ \Phi_{21}^{3}\ \Phi_{7}^{2}$
64683	1128	1127	$\frac{17}{1127}$	$\frac{185}{1127}$	$\frac{328}{1127}$	$\frac{471}{1127}$	$\Phi_{1127}\ \Phi_{161}\ \Phi_{49}\ \Phi_{23}\ \Phi_{7}\ \Phi_{1}^{2}$
64684	1128	1695	$\frac{7}{565}$	$\frac{93}{565}$	$\frac{1}{3}$	$\frac{236}{565}$	$\Phi_{1695}\ \Phi_{339}\ \Phi_{15}$
64685	1128	161	$\frac{2}{161}$	$\frac{27}{161}$	$\frac{53}{161}$	$\frac{67}{161}$	$\Phi_{161}^{7}\ \Phi_{23}^{7}\ \Phi_{7}^{7}\ \Phi_{1}^{8}$
64686	1128	161	$\frac{5}{161}$	$\frac{26}{161}$	$\frac{27}{161}$	$\frac{67}{161}$	$\Phi_{161}^{7}\ \Phi_{23}^{7}\ \Phi_{7}^{7}\ \Phi_{1}^{8}$
64687	1128	400	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{400}^{5}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}^{4}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}^{4}\ \Phi_{10}$
64688	1128	315	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{61}{315}$	$\frac{127}{315}$	$\Phi_{315}^{3}\ \Phi_{105}^{3}\ \Phi_{63}^{6}\ \Phi_{45}^{3}\ \Phi_{35}^{3}\ \Phi_{21}^{6}\ \Phi_{15}^{3}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{3}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
64689	1128	285	$\frac{1}{95}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{285}^{6}\ \Phi_{57}^{6}\ \Phi_{15}^{5}\ \Phi_{3}^{4}$
64690	1128	935	$\frac{3}{187}$	$\frac{1}{5}$	$\frac{46}{187}$	$\frac{2}{5}$	$\Phi_{935}\ \Phi_{187}^{2}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
64691	1128	240	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{240}^{5}\ \Phi_{120}^{5}\ \Phi_{80}^{5}\ \Phi_{60}^{5}\ \Phi_{48}^{4}\ \Phi_{40}^{5}\ \Phi_{30}^{5}\ \Phi_{24}^{4}\ \Phi_{20}^{5}\ \Phi_{16}^{4}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{10}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
64692	1128	495	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{495}^{2}\ \Phi_{165}^{2}\ \Phi_{99}^{4}\ \Phi_{55}\ \Phi_{45}^{2}\ \Phi_{33}^{4}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
64693	1128	255	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{255}^{4}\ \Phi_{85}^{3}\ \Phi_{51}^{8}\ \Phi_{17}^{6}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
64694	1128	650	$\frac{3}{50}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{650}^{2}\ \Phi_{325}^{2}\ \Phi_{130}^{2}\ \Phi_{65}\ \Phi_{26}^{2}$
64695	1128	49	$\frac{2}{49}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{49}^{23}\ \Phi_{7}^{23}\ \Phi_{1}^{24}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
64696	1128	230	$\frac{1}{23}$	$\frac{11}{115}$	$\frac{26}{115}$	$\frac{89}{230}$	$\Phi_{230}^{8}\ \Phi_{115}^{2}\ \Phi_{46}^{8}\ \Phi_{23}\ \Phi_{10}^{8}\ \Phi_{5}^{2}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
64697	1128	1235	$\frac{1}{95}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1235}\ \Phi_{247}\ \Phi_{65}$
64698	1128	988	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{9}{38}$	$\frac{29}{76}$	$\Phi_{988}^{2}\ \Phi_{247}\ \Phi_{52}^{2}$
64699	1128	1127	$\frac{19}{1127}$	$\frac{234}{1127}$	$\frac{277}{1127}$	$\frac{425}{1127}$	$\Phi_{1127}\ \Phi_{161}\ \Phi_{49}\ \Phi_{23}\ \Phi_{7}\ \Phi_{1}^{2}$
64700	1128	1508	$\frac{5}{377}$	$\frac{93}{377}$	$\frac{1}{4}$	$\frac{142}{377}$	$\Phi_{1508}\ \Phi_{754}\ \Phi_{116}\ \Phi_{58}\ \Phi_{52}\ \Phi_{26}$
64701	1128	678	$\frac{1}{113}$	$\frac{28}{113}$	$\frac{1}{3}$	$\frac{85}{226}$	$\Phi_{678}^{4}\ \Phi_{339}\ \Phi_{6}^{4}$
64702	1128	1127	$\frac{15}{1127}$	$\frac{278}{1127}$	$\frac{283}{1127}$	$\frac{422}{1127}$	$\Phi_{1127}\ \Phi_{161}\ \Phi_{49}\ \Phi_{23}\ \Phi_{7}\ \Phi_{1}^{2}$
64703	1128	147	$\frac{1}{49}$	$\frac{8}{49}$	$\frac{41}{147}$	$\frac{53}{147}$	$\Phi_{147}^{6}\ \Phi_{49}^{11}\ \Phi_{21}^{6}\ \Phi_{7}^{11}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
64704	1128	1200	$\frac{1}{48}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
64705	1128	1800	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
64706	1128	49	$\frac{2}{49}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{49}^{23}\ \Phi_{7}^{23}\ \Phi_{1}^{24}$
64707	1128	1127	$\frac{20}{1127}$	$\frac{187}{1127}$	$\frac{369}{1127}$	$\frac{379}{1127}$	$\Phi_{1127}\ \Phi_{161}\ \Phi_{49}\ \Phi_{23}\ \Phi_{7}\ \Phi_{1}^{2}$
64708	1128	1415	$\frac{4}{283}$	$\frac{1}{5}$	$\frac{93}{283}$	$\frac{95}{283}$	Φ_{1415}
64709	1128	1127	$\frac{8}{1127}$	$\frac{373}{1127}$	$\frac{375}{1127}$	$\frac{377}{1127}$	$\Phi_{1127}\ \Phi_{161}\ \Phi_{49}\ \Phi_{23}\ \Phi_{7}\ \Phi_{1}^{2}$
64710	1128	1695	$\frac{4}{565}$	$\frac{187}{565}$	$\frac{1}{3}$	$\frac{189}{565}$	$\Phi_{1695}\ \Phi_{339}\ \Phi_{15}$
64711	1128	426	$\frac{1}{142}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{426}^{3}\ \Phi_{213}^{3}\ \Phi_{142}^{2}\ \Phi_{71}^{2}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
64712	1128	843	$\frac{2}{281}$	$\frac{93}{281}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{843}\ \Phi_{281}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
64713	1128	1140	$\frac{1}{95}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}^{2}\ \Phi_{228}\ \Phi_{190}^{2}\ \Phi_{114}\ \Phi_{76}^{2}\ \Phi_{60}\ \Phi_{38}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
64714	1128	843	$\frac{5}{281}$	$\frac{46}{281}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{843}\ \Phi_{281}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
64715	1128	336	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{112}^{4}\ \Phi_{84}^{4}\ \Phi_{56}^{4}\ \Phi_{42}^{4}\ \Phi_{28}^{4}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{2}$
64716	1128	210	$\frac{1}{70}$	$\frac{1}{5}$	$\frac{23}{70}$	$\frac{1}{3}$	$\Phi_{210}^{8}\ \Phi_{105}^{8}\ \Phi_{42}^{8}\ \Phi_{30}^{8}\ \Phi_{21}^{8}\ \Phi_{15}^{9}\ \Phi_{6}^{8}\ \Phi_{3}^{8}$
64717	1128	339	$\frac{2}{113}$	$\frac{19}{113}$	$\frac{37}{113}$	$\frac{1}{3}$	$\Phi_{339}^{5}\ \Phi_{3}^{4}$
64718	1128	1953	$\frac{2}{93}$	$\frac{1}{7}$	$\frac{91}{279}$	$\frac{1}{3}$	$\Phi_{1953}\ \Phi_{63}\ \Phi_{21}$
64719	1128	897	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{897}\ \Phi_{299}^{2}\ \Phi_{39}^{2}\ \Phi_{13}^{2}$
64720	1128	528	$\frac{1}{48}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{528}^{2}\ \Phi_{264}^{2}\ \Phi_{176}^{2}\ \Phi_{132}^{2}\ \Phi_{88}^{2}\ \Phi_{66}^{2}\ \Phi_{48}^{4}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{24}^{4}\ \Phi_{22}^{2}\ \Phi_{16}^{4}\ \Phi_{12}^{4}\ \Phi_{11}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
64721	1128	1695	$\frac{9}{565}$	$\frac{139}{565}$	$\frac{142}{565}$	$\frac{1}{3}$	$\Phi_{1695}\ \Phi_{339}\ \Phi_{15}$
64722	1128	2244	$\frac{3}{187}$	$\frac{46}{187}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{204}\ \Phi_{132}\ \Phi_{102}\ \Phi_{66}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
64723	1128	240	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^{6}\ \Phi_{120}^{6}\ \Phi_{80}^{6}\ \Phi_{60}^{5}\ \Phi_{40}^{6}\ \Phi_{30}^{5}\ \Phi_{20}^{6}\ \Phi_{15}^{6}\ \Phi_{10}^{6}\ \Phi_{5}^{6}$
64724	1128	396	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^{4}\ \Phi_{198}^{4}\ \Phi_{132}^{3}\ \Phi_{66}^{3}\ \Phi_{44}^{4}\ \Phi_{36}^{4}\ \Phi_{22}^{4}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
64725	1128	204	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^{7}\ \Phi_{102}^{7}\ \Phi_{68}^{8}\ \Phi_{34}^{8}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}$
64726	1128	1302	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{15}{62}$	$\frac{1}{3}$	$\Phi_{1302}^{2}\ \Phi_{651}\ \Phi_{42}^{2}\ \Phi_{21}^{2}$
64727	1128	1350	$\frac{1}{25}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{270}\ \Phi_{150}\ \Phi_{135}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
64728	1128	300	$\frac{1}{25}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{300}^{5}\ \Phi_{150}^{5}\ \Phi_{100}^{5}\ \Phi_{75}\ \Phi_{60}^{4}\ \Phi_{50}^{5}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
64729	1128	435	$\frac{4}{145}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{435}^{4}\ \Phi_{87}^{4}\ \Phi_{15}$
64730	1128	525	$\frac{1}{35}$	$\frac{34}{175}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{525}^{4}\ \Phi_{75}^{4}\ \Phi_{15}$
64731	1128	840	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{840}^{3}\ \Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{120}^{3}\ \Phi_{105}^{2}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{3}$
64732	1128	735	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{735}^{3}\ \Phi_{105}^{2}\ \Phi_{15}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
64733	1128	480	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{15}$
64734	1128	1785	$\frac{31}{595}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{51}\ \Phi_{15}$
64735	1128	105	$\frac{2}{35}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^{10}\ \Phi_{35}^{12}\ \Phi_{21}^{10}\ \Phi_{15}^{11}\ \Phi_{7}^{12}\ \Phi_{5}^{12}\ \Phi_{3}^{10}\ \Phi_{1}^{12}$
64736	1128	150	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{150}^{12}\ \Phi_{75}^{12}\ \Phi_{30}^{8}\ \Phi_{15}^{9}\ \Phi_{6}^{8}\ \Phi_{3}^{8}$
64737	1128	2310	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{330}\ \Phi_{165}\ \Phi_{15}$
64738	1128	339	$\frac{5}{113}$	$\frac{18}{113}$	$\frac{19}{113}$	$\frac{1}{3}$	$\Phi_{339}^5\ \Phi_3^4$
64739	1128	1740	$\frac{1}{29}$	$\frac{59}{435}$	$\frac{1}{4}$	$\frac{28}{87}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{290}\ \Phi_{116}\ \Phi_{60}\ \Phi_{58}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
64740	1128	1701	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{55}{243}$	$\frac{26}{81}$	$\Phi_{1701}\ \Phi_{189}\ \Phi_{63}\ \Phi_{21}$
64741	1128	69	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{22}{69}$	$\Phi_{69}^{24}\ \Phi_{23}\ \Phi_3^{24}\ \Phi_1^2$
64742	1128	828	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{22}{69}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
64743	1128	69	$\frac{1}{23}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{22}{69}$	$\Phi_{69}^{24}\ \Phi_{23}\ \Phi_3^{24}\ \Phi_1^2$
64744	1128	2415	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{22}{69}$	$\Phi_{2415}\ \Phi_{105}\ \Phi_{35}$
64745	1128	1092	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{85}{273}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{156}^2\ \Phi_{84}^2\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{42}^2\ \Phi_{26}\ \Phi_{12}^2\ \Phi_6^2$
64746	1128	273	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{85}{273}$	$\Phi_{273}^6\ \Phi_{39}^6\ \Phi_{21}^6\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
64747	1128	184	$\frac{3}{46}$	$\frac{2}{23}$	$\frac{43}{184}$	$\frac{7}{23}$	$\Phi_{184}^8\ \Phi_{92}^8\ \Phi_{23}\ \Phi_8^8\ \Phi_4^8\ \Phi_1^2$
64748	1128	161	$\frac{2}{23}$	$\frac{20}{161}$	$\frac{3}{23}$	$\frac{7}{23}$	$\Phi_{161}^8\ \Phi_{23}\ \Phi_7^8\ \Phi_1^2$
64749	1128	1755	$\frac{1}{13}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{135}$	$\Phi_{1755}\ \Phi_{351}\ \Phi_{65}$
64750	1128	945	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{41}{135}$	$\Phi_{945}^2\ \Phi_{189}^2\ \Phi_{63}\ \Phi_{21}$
64751	1128	1044	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{1}{4}$	$\frac{73}{261}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{116}\ \Phi_{58}\ \Phi_{36}^2\ \Phi_{18}^2$
64752	1128	682	$\frac{1}{31}$	$\frac{2}{11}$	$\frac{15}{62}$	$\frac{3}{11}$	$\Phi_{682}^2\ \Phi_{341}\ \Phi_{62}^4\ \Phi_{31}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_2^4\ \Phi_1^4$
64753	1128	115	$\frac{1}{23}$	$\frac{21}{115}$	$\frac{22}{115}$	$\frac{31}{115}$	$\Phi_{115}^{10}\ \Phi_{23}^9\ \Phi_5^{10}\ \Phi_1^{10}$
64754	1128	1365	$\frac{1}{13}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{91}\ \Phi_{65}$
64755	1128	49	$\frac{2}{49}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{49}^{23}\ \Phi_7^{23}\ \Phi_1^{24}$
64756	1128	63	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{16}{63}$	$\Phi_{63}^{24}\ \Phi_{21}^6\ \Phi_9^{24}\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
64757	1128	620	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{15}{62}$	$\frac{1}{4}$	$\Phi_{620}^3\ \Phi_{310}\ \Phi_{155}^2\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2$
64758	1128	116	$\frac{1}{29}$	$\frac{11}{58}$	$\frac{7}{29}$	$\frac{1}{4}$	$\Phi_{116}^{13}\ \Phi_{58}^5\ \Phi_{29}^8\ \Phi_4^{12}\ \Phi_2^4\ \Phi_1^8$
64759	1128	52	$\frac{1}{13}$	$\frac{5}{52}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{52}^{21}\ \Phi_{26}^{21}\ \Phi_{13}^{24}\ \Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^{24}$
64760	1128	1820	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{79}{455}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{260}\ \Phi_{140}\ \Phi_{130}\ \Phi_{70}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
64761	1128	378	$\frac{1}{9}$	$\frac{7}{54}$	$\frac{1}{7}$	$\frac{2}{9}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{126}^4\ \Phi_{63}\ \Phi_{42}^4\ \Phi_{21}\ \Phi_{14}^4$
64762	1128	115	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{21}{115}$	$\frac{5}{23}$	$\Phi_{115}^{12}\ \Phi_{23}\ \Phi_5^{12}\ \Phi_1^2$
64763	1128	207	$\frac{19}{207}$	$\frac{3}{23}$	$\frac{4}{23}$	$\frac{5}{23}$	$\Phi_{207}^6\ \Phi_{69}^6\ \Phi_{23}\ \Phi_9^6\ \Phi_3^6\ \Phi_1^2$
64764	1128	780	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{26}^2$
64765	1128	1575	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{37}{225}$	$\frac{8}{45}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{175}\ \Phi_{63}\ \Phi_{21}$
64766	1129	2240	$\frac{9}{1120}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1111}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
64767	1129	2232	$\frac{13}{1116}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1103}{2232}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{248}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
64768	1129	1512	$\frac{5}{378}$	$\frac{1}{6}$	$\frac{383}{1512}$	$\frac{373}{756}$	$\Phi_{1512}\ \Phi_{504}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}$ $\Phi_{42}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
64769	1129	2208	$\frac{25}{1104}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{1079}{2208}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
64770	1129	1218	$\frac{2}{87}$	$\frac{89}{1218}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{406}\ \Phi_{203}\ \Phi_{87}\ \Phi_{42}\ \Phi_{29}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
64771	1129	1296	$\frac{5}{162}$	$\frac{167}{1296}$	$\frac{1}{6}$	$\frac{157}{324}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}$ $\Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
64772	1129	2184	$\frac{37}{1092}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1055}{2184}$	Φ_{2184} Φ_{728} Φ_{312} Φ_{168} Φ_{104} Φ_{56} Φ_{39} Φ_{24} Φ_{13} Φ_{8} Φ_{1}
64773	1129	2184	$\frac{37}{1092}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1055}{2184}$	Φ_{2184} Φ_{728} Φ_{312} Φ_{168} Φ_{104} Φ_{56} Φ_{42} Φ_{24} Φ_{21} Φ_{14} Φ_{8} Φ_{7} Φ_{1}
64774	1129	1260	$\frac{5}{126}$	$\frac{131}{1260}$	$\frac{1}{6}$	$\frac{121}{252}$	Φ_{1260} Φ_{630} Φ_{420} Φ_{315} Φ_{210} Φ_{180} Φ_{140} Φ_{126} Φ_{105} Φ_{90} Φ_{70} Φ_{63} Φ_{60} Φ_{45} Φ_{42} Φ_{35} Φ_{30} Φ_{21} Φ_{20} Φ_{18} Φ_{15} Φ_{14} Φ_{10} Φ_{9} Φ_{7} Φ_{5} Φ_{1}
64775	1129	2160	$\frac{1}{24}$	$\frac{49}{1080}$	$\frac{23}{72}$	$\frac{1031}{2160}$	Φ_{2160} Φ_{720} Φ_{432} Φ_{240} Φ_{144} Φ_{80} Φ_{72} Φ_{48} Φ_{36} Φ_{18} Φ_{16} Φ_{9} Φ_{1}
64776	1129	2160	$\frac{49}{1080}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1031}{2160}$	Φ_{2160} Φ_{720} Φ_{432} Φ_{240} Φ_{144} Φ_{80} Φ_{60} Φ_{48} Φ_{30} Φ_{20} Φ_{16} Φ_{15} Φ_{10} Φ_{5} Φ_{1}
64777	1129	2160	$\frac{49}{1080}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1031}{2160}$	Φ_{2160} Φ_{720} Φ_{432} Φ_{240} Φ_{144} Φ_{80} Φ_{54} Φ_{48} Φ_{27} Φ_{18} Φ_{16} Φ_{9} Φ_{1}
64778	1129	1368	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{239}{1368}$	$\frac{217}{456}$	Φ_{1368} Φ_{684} Φ_{342} Φ_{228} Φ_{171} Φ_{114} Φ_{76} Φ_{72} Φ_{57} Φ_{38} Φ_{36} Φ_{19} Φ_{18} Φ_{9} Φ_{1}
64779	1129	1170	$\frac{41}{1170}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	Φ_{1170} Φ_{585} Φ_{390} Φ_{234} Φ_{195} Φ_{130} Φ_{117} Φ_{90} Φ_{65} Φ_{45} Φ_{39} Φ_{30} Φ_{18} Φ_{15} Φ_{13} Φ_{10} Φ_{9} Φ_{5} Φ_{1}
64780	1129	1536	$\frac{1}{24}$	$\frac{23}{384}$	$\frac{407}{1536}$	$\frac{361}{768}$	Φ_{1536} Φ_{512} Φ_{384} Φ_{192} Φ_{128} Φ_{96} Φ_{64} Φ_{48} Φ_{32} Φ_{16} Φ_{1}
64781	1129	2112	$\frac{1}{24}$	$\frac{73}{1056}$	$\frac{23}{96}$	$\frac{983}{2112}$	Φ_{2112} Φ_{704} Φ_{192} Φ_{96} Φ_{64} Φ_{48} Φ_{32} Φ_{16} Φ_{1}
64782	1129	2088	$\frac{2}{87}$	$\frac{85}{1044}$	$\frac{1}{3}$	$\frac{959}{2088}$	Φ_{2088} Φ_{696} Φ_{232} Φ_{87} Φ_{72} Φ_{29} Φ_{24} Φ_{8} Φ_{1}
64783	1129	1188	$\frac{59}{1188}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	Φ_{1188} Φ_{594} Φ_{396} Φ_{297} Φ_{198} Φ_{132} Φ_{99} Φ_{66} Φ_{54} Φ_{44} Φ_{33} Φ_{27} Φ_{22} Φ_{18} Φ_{11} Φ_{9} Φ_{1}
64784	1129	1176	$\frac{47}{1176}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	Φ_{1176} Φ_{588} Φ_{392} Φ_{294} Φ_{196} Φ_{168} Φ_{147} Φ_{98} Φ_{56} Φ_{49} Φ_{42} Φ_{24} Φ_{21} Φ_{14} Φ_{8} Φ_{7} Φ_{1}
64785	1129	2016	$\frac{5}{126}$	$\frac{121}{1008}$	$\frac{1}{6}$	$\frac{887}{2016}$	Φ_{2016} Φ_{672} Φ_{288} Φ_{224} Φ_{126} Φ_{96} Φ_{63} Φ_{42} Φ_{32} Φ_{21} Φ_{18} Φ_{14} Φ_{9} Φ_{7} Φ_{1}
64786	1129	2016	$\frac{1}{24}$	$\frac{121}{1008}$	$\frac{23}{144}$	$\frac{887}{2016}$	Φ_{2016} Φ_{672} Φ_{288} Φ_{224} Φ_{144} Φ_{96} Φ_{72} Φ_{48} Φ_{36} Φ_{32} Φ_{18} Φ_{16} Φ_{9} Φ_{1}
64787	1129	1680	$\frac{9}{560}$	$\frac{1}{8}$	$\frac{551}{1680}$	$\frac{7}{16}$	Φ_{1680} Φ_{840} Φ_{420} Φ_{336} Φ_{240} Φ_{210} Φ_{168} Φ_{120} Φ_{105} Φ_{84} Φ_{60} Φ_{48} Φ_{42} Φ_{30} Φ_{24} Φ_{21} Φ_{16} Φ_{15} Φ_{12} Φ_{6} Φ_{3} Φ_{1}
64788	1129	1152	$\frac{23}{1152}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	Φ_{1152} Φ_{576} Φ_{384} Φ_{288} Φ_{192} Φ_{144} Φ_{128} Φ_{96} Φ_{72} Φ_{64} Φ_{48} Φ_{36} Φ_{24} Φ_{18} Φ_{16} Φ_{12} Φ_{9} Φ_{6} Φ_{3} Φ_{1}
64789	1129	1344	$\frac{9}{224}$	$\frac{1}{8}$	$\frac{215}{1344}$	$\frac{7}{16}$	Φ_{1344} Φ_{672} Φ_{448} Φ_{336} Φ_{192} Φ_{168} Φ_{96} Φ_{84} Φ_{64} Φ_{48} Φ_{42} Φ_{24} Φ_{21} Φ_{16} Φ_{12} Φ_{6} Φ_{3} Φ_{1}
64790	1129	1280	$\frac{9}{160}$	$\frac{151}{1280}$	$\frac{1}{8}$	$\frac{7}{16}$	Φ_{1280} Φ_{640} Φ_{320} Φ_{256} Φ_{128} Φ_{64} Φ_{16} Φ_{1}
64791	1129	1200	$\frac{71}{1200}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	Φ_{1200} Φ_{600} Φ_{400} Φ_{300} Φ_{240} Φ_{200} Φ_{150} Φ_{120} Φ_{100} Φ_{75} Φ_{60} Φ_{50} Φ_{48} Φ_{30} Φ_{25} Φ_{24} Φ_{16} Φ_{15} Φ_{12} Φ_{6} Φ_{3} Φ_{1}
64792	1129	1232	$\frac{9}{112}$	$\frac{103}{1232}$	$\frac{1}{8}$	$\frac{7}{16}$	Φ_{1232} Φ_{616} Φ_{308} Φ_{176} Φ_{154} Φ_{88} Φ_{77} Φ_{44} Φ_{22} Φ_{16} Φ_{11} Φ_{1}
64793	1129	1944	$\frac{5}{162}$	$\frac{157}{972}$	$\frac{1}{6}$	$\frac{815}{1944}$	Φ_{1944} Φ_{648} Φ_{216} Φ_{162} Φ_{81} Φ_{72} Φ_{54} Φ_{27} Φ_{24} Φ_{18} Φ_{9} Φ_{8} Φ_{1}
64794	1129	1920	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{169}{960}$	$\frac{791}{1920}$	Φ_{1920} Φ_{640} Φ_{384} Φ_{192} Φ_{128} Φ_{96} Φ_{64} Φ_{48} Φ_{32} Φ_{16} Φ_{1}
64795	1129	1200	$\frac{71}{1200}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{120}$	Φ_{1200} Φ_{600} Φ_{400} Φ_{300} Φ_{240} Φ_{200} Φ_{150} Φ_{100} Φ_{80} Φ_{75} Φ_{60} Φ_{50} Φ_{48} Φ_{30} Φ_{25} Φ_{20} Φ_{16} Φ_{15} Φ_{10} Φ_{5} Φ_{1}
64796	1129	1410	$\frac{1}{47}$	$\frac{46}{235}$	$\frac{281}{1410}$	$\frac{189}{470}$	Φ_{1410} Φ_{705} Φ_{282} Φ_{235} Φ_{141} Φ_{30} Φ_{15} Φ_{6} Φ_{5} Φ_{3} Φ_{1}
64797	1129	1880	$\frac{1}{47}$	$\frac{46}{235}$	$\frac{189}{940}$	$\frac{751}{1880}$	Φ_{1880} Φ_{376} Φ_{235} Φ_{40} Φ_{8} Φ_{5} Φ_{1}
64798	1129	1824	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{217}{912}$	$\frac{695}{1824}$	Φ_{1824} Φ_{608} Φ_{228} Φ_{114} Φ_{96} Φ_{76} Φ_{57} Φ_{38} Φ_{32} Φ_{19} Φ_{1}
64799	1129	1152	$\frac{23}{1152}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	Φ_{1152} Φ_{576} Φ_{384} Φ_{288} Φ_{192} Φ_{144} Φ_{128} Φ_{96} Φ_{72} Φ_{64} Φ_{48} Φ_{32} Φ_{24} Φ_{18} Φ_{16} Φ_{9} Φ_{8} Φ_{1}
64800	1129	1728	$\frac{1}{24}$	$\frac{23}{288}$	$\frac{265}{864}$	$\frac{599}{1728}$	Φ_{1728} Φ_{576} Φ_{288} Φ_{192} Φ_{144} Φ_{96} Φ_{72} Φ_{64} Φ_{48} Φ_{36} Φ_{32} Φ_{18} Φ_{16} Φ_{9} Φ_{1}
64801	1129	1692	$\frac{1}{141}$	$\frac{140}{423}$	$\frac{563}{1692}$	$\frac{283}{846}$	Φ_{1692} Φ_{564} Φ_{423} Φ_{188} Φ_{36} Φ_{12} Φ_{9} Φ_{4} Φ_{1}
64802	1129	1305	$\frac{2}{87}$	$\frac{176}{1305}$	$\frac{85}{261}$	$\frac{1}{3}$	Φ_{1305} Φ_{435} Φ_{145} Φ_{87} Φ_{45} Φ_{29} Φ_{15} Φ_{5} Φ_{1}
64803	1129	1638	$\frac{2}{39}$	$\frac{37}{546}$	$\frac{509}{1638}$	$\frac{1}{3}$	Φ_{1638} Φ_{819} Φ_{234} Φ_{126} Φ_{117} Φ_{63} Φ_{39} Φ_{18} Φ_{13} Φ_{9} Φ_{1}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
64804	1129	1566	$\frac{2}{87}$	$\frac{85}{522}$	$\frac{437}{1566}$	$\frac{1}{3}$	$\Phi_{1566}\ \Phi_{783}\ \Phi_{87}\ \Phi_{54}\ \Phi_{29}\ \Phi_{27}\ \Phi_1$
64805	1129	1392	$\frac{2}{87}$	$\frac{263}{1392}$	$\frac{85}{348}$	$\frac{1}{3}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{232}\ \Phi_{87}\ \Phi_{48}\ \Phi_{29}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
64806	1129	1248	$\frac{2}{39}$	$\frac{119}{1248}$	$\frac{37}{156}$	$\frac{1}{3}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{104}\ \Phi_{96}\ \Phi_{48}\ \Phi_{39}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_1$
64807	1129	1365	$\frac{2}{39}$	$\frac{37}{273}$	$\frac{236}{1365}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{195}\ \Phi_{105}\ \Phi_{65}\ \Phi_{39}\ \Phi_{35}\ \Phi_{15}\ \Phi_{13}\ \Phi_5\ \Phi_1$
64808	1129	1674	$\frac{13}{558}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{545}{1674}$	$\Phi_{1674}\ \Phi_{837}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
64809	1129	1458	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{329}{1458}$	$\frac{157}{486}$	$\Phi_{1458}\ \Phi_{729}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
64810	1129	1296	$\frac{1}{24}$	$\frac{167}{1296}$	$\frac{49}{216}$	$\frac{23}{72}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
64811	1129	1440	$\frac{1}{24}$	$\frac{49}{360}$	$\frac{311}{1440}$	$\frac{23}{72}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
64812	1129	1638	$\frac{37}{546}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{509}{1638}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{234}\ \Phi_{126}\ \Phi_{117}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
64813	1129	1620	$\frac{1}{12}$	$\frac{49}{540}$	$\frac{11}{60}$	$\frac{491}{1620}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
64814	1129	1620	$\frac{49}{540}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{491}{1620}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
64815	1129	1260	$\frac{1}{12}$	$\frac{131}{1260}$	$\frac{11}{60}$	$\frac{49}{180}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
64816	1129	1512	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{121}{504}$	$\frac{383}{1512}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
64817	1129	1296	$\frac{5}{54}$	$\frac{167}{1296}$	$\frac{1}{6}$	$\frac{49}{216}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
64818	1129	1440	$\frac{1}{12}$	$\frac{49}{360}$	$\frac{11}{60}$	$\frac{311}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
64819	1129	1350	$\frac{5}{54}$	$\frac{221}{1350}$	$\frac{1}{6}$	$\frac{49}{270}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{75}\ \Phi_{54}\ \Phi_{50}\ \Phi_{27}\ \Phi_{25}\ \Phi_{18}\ \Phi_9\ \Phi_1$
64820	1130	1800	$\frac{1}{225}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{112}{225}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{120}\ \Phi_{75}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_9\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
64821	1130	2016	$\frac{1}{112}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{111}{224}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}^2\ \Phi_{96}\ \Phi_{32}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
64822	1130	672	$\frac{1}{112}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{111}{224}$	$\Phi_{672}^3\ \Phi_{224}^4\ \Phi_{96}^3\ \Phi_{32}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
64823	1130	2442	$\frac{2}{111}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{109}{222}$	$\Phi_{2442}\ \Phi_{814}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
64824	1130	1672	$\frac{1}{38}$	$\frac{1}{11}$	$\frac{39}{152}$	$\frac{37}{76}$	$\Phi_{1672}\ \Phi_{418}\ \Phi_{209}\ \Phi_{88}\ \Phi_{22}$
64825	1130	2376	$\frac{5}{108}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{103}{216}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
64826	1130	504	$\frac{1}{56}$	$\frac{1}{9}$	$\frac{55}{168}$	$\frac{4}{9}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^3\ \Phi_{126}^2\ \Phi_{84}^3\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^3\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^2\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
64827	1130	1044	$\frac{3}{116}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{348}\ \Phi_{261}\ \Phi_{174}\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
64828	1130	1260	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{27}{140}$	$\frac{4}{9}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
64829	1130	1071	$\frac{6}{119}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}\ \Phi_{119}^2\ \Phi_{51}\ \Phi_{17}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
64830	1130	360	$\frac{7}{120}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^4\ \Phi_{90}^3\ \Phi_{72}^2\ \Phi_{60}^4\ \Phi_{45}^3\ \Phi_{40}^4\ \Phi_{36}^2\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{18}^2\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_9^3\ \Phi_8^2\ \Phi_6^3\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
64831	1130	1152	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{15}{128}$	$\frac{4}{9}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{128}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
64832	1130	126	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{126}^9\ \Phi_{63}^9\ \Phi_{42}^9\ \Phi_{21}^9\ \Phi_{18}^9\ \Phi_{14}^8\ \Phi_9^{10}\ \Phi_7^8\ \Phi_6^9\ \Phi_3^{10}\ \Phi_2^8\ \Phi_1^{10}$
64833	1130	1320	$\frac{7}{120}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}$
64834	1130	2090	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{18}{95}$	$\frac{77}{190}$	$\Phi_{2090}\ \Phi_{418}\ \Phi_{209}\ \Phi_{110}\ \Phi_{22}$
64835	1130	456	$\frac{1}{114}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{456}^4\ \Phi_{152}^4\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{24}^3\ \Phi_{19}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
64836	1130	600	$\frac{1}{75}$	$\frac{37}{150}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{600}^3\ \Phi_{200}^3\ \Phi_{150}^2\ \Phi_{120}^3\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{24}^3\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
64837	1130	920	$\frac{2}{115}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{920}^2\ \Phi_{184}^2\ \Phi_{115}^2\ \Phi_{40}\ \Phi_{23}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
64838	1130	1080	$\frac{1}{45}$	$\frac{22}{135}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1080}^2\ \Phi_{360}\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{15}\ \Phi_9\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
64839	1130	936	$\frac{4}{117}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{936}^2\ \Phi_{312}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{72}\ \Phi_{39}^2\ \Phi_{24}\ \Phi_{13}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
64840	1130	1000	$\frac{1}{25}$	$\frac{12}{125}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1000}^2\ \Phi_{200}\ \Phi_{125}^2\ \Phi_{40}\ \Phi_{25}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
64841	1130	120	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^9\ \Phi_{60}^{10}\ \Phi_{40}^9\ \Phi_{30}^{10}\ \Phi_{24}^9\ \Phi_{20}^{10}\ \Phi_{15}^9\ \Phi_{12}^{10}\ \Phi_{10}^{10}\ \Phi_8^{10}\ \Phi_6^{10}\ \Phi_5^9\ \Phi_4^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
64842	1130	168	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{55}{168}$	$\frac{1}{3}$	$\Phi_{168}^7\ \Phi_{84}^7\ \Phi_{56}^6\ \Phi_{42}^7\ \Phi_{28}^6\ \Phi_{24}^7\ \Phi_{21}^7\ \Phi_{14}^6\ \Phi_{12}^7\ \Phi_8^6\ \Phi_7^6\ \Phi_6^9\ \Phi_4^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
64843	1130	348	$\frac{3}{116}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{348}^3\ \Phi_{174}^3\ \Phi_{116}^4\ \Phi_{87}^3\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
64844	1130	420	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{27}{140}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^4\ \Phi_{105}^3\ \Phi_{70}^4\ \Phi_{60}^3\ \Phi_{35}^4\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
64845	1130	714	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{714}^2\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
64846	1130	120	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{120}^{10}\ \Phi_{60}^{10}\ \Phi_{40}^{10}\ \Phi_{30}^{10}\ \Phi_{24}^7\ \Phi_{20}^{10}\ \Phi_{15}^{10}\ \Phi_{12}^7\ \Phi_{10}^{10}\ \Phi_8^6\ \Phi_6^9\ \Phi_5^{10}\ \Phi_4^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
64847	1130	384	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^4\ \Phi_{96}^3\ \Phi_{64}^4\ \Phi_{32}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
64848	1130	126	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{126}^{10}\ \Phi_{63}^{10}\ \Phi_{42}^7\ \Phi_{21}^7\ \Phi_{18}^{10}\ \Phi_{14}^6\ \Phi_9^{10}\ \Phi_7^6\ \Phi_6^9\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
64849	1130	1782	$\frac{1}{11}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{162}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
64850	1130	1386	$\frac{1}{11}$	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{77}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
64851	1130	1584	$\frac{1}{11}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{144}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
64852	1130	135	$\frac{2}{27}$	$\frac{22}{135}$	$\frac{5}{27}$	$\frac{1}{5}$	$\Phi_{135}^8\ \Phi_{45}^8\ \Phi_{27}^{10}\ \Phi_{15}^8\ \Phi_9^{10}\ \Phi_5^7\ \Phi_3^{10}\ \Phi_1^{10}$
64853	1131	1808	$\frac{1}{226}$	$\frac{227}{904}$	$\frac{677}{1808}$	$\frac{225}{452}$	$\Phi_{1808}\ \Phi_{452}\ \Phi_{16}\ \Phi_4\ \Phi_1$
64854	1131	1500	$\frac{2}{375}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{373}{750}$	$\Phi_{1500}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}\ \Phi_{125}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
64855	1131	504	$\frac{1}{126}$	$\frac{1}{4}$	$\frac{127}{504}$	$\frac{125}{252}$	$\Phi_{504}^3\ \Phi_{252}^2\ \Phi_{168}^3\ \Phi_{126}\ \Phi_{84}^2\ \Phi_{72}^3\ \Phi_{63}\ \Phi_{56}^3\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_8^3\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
64856	1131	2240	$\frac{11}{1120}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1109}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{64}\ \Phi_{20}\ \Phi_4\ \Phi_1$
64857	1131	1032	$\frac{1}{86}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{85}{172}$	$\Phi_{1032}^2\ \Phi_{344}^2\ \Phi_{172}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
64858	1131	2580	$\frac{1}{86}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{85}{172}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{172}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_5\ \Phi_4\ \Phi_1$
64859	1131	1548	$\frac{1}{86}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{85}{172}$	$\Phi_{1548}^2\ \Phi_{172}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
64860	1131	688	$\frac{1}{86}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{85}{172}$	$\Phi_{688}^2\ \Phi_{344}^2\ \Phi_{172}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
64861	1131	744	$\frac{5}{372}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{367}{744}$	$\Phi_{744}^3\ \Phi_{248}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
64862	1131	1484	$\frac{6}{371}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{365}{742}$	$\Phi_{1484}\ \Phi_{371}\ \Phi_{212}\ \Phi_{53}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
64863	1131	432	$\frac{1}{54}$	$\frac{55}{432}$	$\frac{1}{4}$	$\frac{53}{108}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{108}^2\ \Phi_{72}^3\ \Phi_{54}\ \Phi_{48}^3\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_9\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
64864	1131	740	$\frac{7}{370}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{363}{740}$	$\Phi_{740}^3\ \Phi_{148}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
64865	1131	1476	$\frac{8}{369}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{361}{738}$	$\Phi_{1476}\ \Phi_{492}\ \Phi_{369}\ \Phi_{164}\ \Phi_{123}\ \Phi_{41}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
64866	1131	1520	$\frac{9}{380}$	$\frac{1}{10}$	$\frac{389}{1520}$	$\frac{371}{760}$	$\Phi_{1520}\ \Phi_{380}\ \Phi_{304}\ \Phi_{190}\ \Phi_{95}\ \Phi_{80}\ \Phi_{76}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{16}\ \Phi_4\ \Phi_1$
64867	1131	420	$\frac{1}{42}$	$\frac{43}{420}$	$\frac{1}{4}$	$\frac{41}{84}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^2\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{42}\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_7\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
64868	1131	1064	$\frac{1}{38}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{37}{76}$	$\Phi_{1064}^2\ \Phi_{152}^2\ \Phi_{76}\ \Phi_{56}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
64869	1131	1596	$\frac{1}{38}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{37}{76}$	$\Phi_{1596}^2\ \Phi_{228}^2\ \Phi_{84}^2\ \Phi_{76}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
64870	1131	608	$\frac{1}{38}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{37}{76}$	$\Phi_{608}^2\ \Phi_{304}^2\ \Phi_{152}^2\ \Phi_{76}\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
64871	1131	2660	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{37}{76}$	$\Phi_{2660}\ \Phi_{380}\ \Phi_{140}\ \Phi_{76}\ \Phi_{35}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
64872	1131	1064	$\frac{1}{28}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{27}{56}$	$\Phi_{1064}^2\ \Phi_{152}^2\ \Phi_{56}^3\ \Phi_{19}^2\ \Phi_8^3\ \Phi_1^3$
64873	1131	56	$\frac{1}{28}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{56}^{39}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_8^{39}\ \Phi_7\ \Phi_4\ \Phi_1$
64874	1131	720	$\frac{17}{360}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{343}{720}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{144}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
64875	1131	720	$\frac{17}{360}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{343}{720}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{144}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
64876	1131	396	$\frac{19}{396}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^3\ \Phi_{99}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{36}^2\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{18}\ \Phi_{12}^2\ \Phi_{11}^3\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
64877	1131	1428	$\frac{1}{21}$	$\frac{20}{357}$	$\frac{1}{4}$	$\frac{337}{714}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{357}\ \Phi_{204}\ \Phi_{119}\ \Phi_{84}^2\ \Phi_{68}\ \Phi_{51}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{17}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
64878	1131	392	$\frac{15}{392}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{392}^3\ \Phi_{196}^3\ \Phi_{98}^3\ \Phi_{56}^3\ \Phi_{49}^3\ \Phi_{28}^2\ \Phi_{14}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
64879	1131	1080	$\frac{1}{40}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}^2\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
64880	1131	108	$\frac{1}{27}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{25}{54}$	$\Phi_{108}^{14}\ \Phi_{54}\ \Phi_{36}^{14}\ \Phi_{27}^{13}\ \Phi_{18}\ \Phi_{12}^{14}\ \Phi_9^{13}\ \Phi_6\ \Phi_4^{13}\ \Phi_3^{13}\ \Phi_1^{13}$
64881	1131	1032	$\frac{1}{43}$	$\frac{1}{12}$	$\frac{14}{43}$	$\frac{11}{24}$	$\Phi_{1032}^2\ \Phi_{344}^2\ \Phi_{43}^2\ \Phi_{24}^3\ \Phi_8^3\ \Phi_1^3$
64882	1131	120	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{120}^{18}\ \Phi_{60}^2\ \Phi_{40}^{18}\ \Phi_{30}\ \Phi_{24}^{15}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8^{15}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
64883	1131	1120	$\frac{1}{14}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{160}$	$\Phi_{1120}^2\ \Phi_{224}^2\ \Phi_{160}\ \Phi_{56}^2\ \Phi_{32}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
64884	1131	560	$\frac{11}{560}$	$\frac{1}{10}$	$\frac{183}{560}$	$\frac{9}{20}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
64885	1131	40	$\frac{1}{40}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{40}^{28}\ \Phi_{20}^{29}\ \Phi_{10}^{28}\ \Phi_8^{28}\ \Phi_5^{28}\ \Phi_4^{29}\ \Phi_2^{28}\ \Phi_1^{29}$
64886	1131	1400	$\frac{11}{280}$	$\frac{1}{10}$	$\frac{269}{1400}$	$\frac{9}{20}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{200}\ \Phi_{175}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
64887	1131	400	$\frac{23}{400}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{80}^2\ \Phi_{50}^3\ \Phi_{40}^2\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
64888	1131	1280	$\frac{11}{160}$	$\frac{1}{10}$	$\frac{149}{1280}$	$\frac{9}{20}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{20}\ \Phi_4\ \Phi_1$
64889	1131	420	$\frac{11}{140}$	$\frac{1}{10}$	$\frac{43}{420}$	$\frac{9}{20}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^2\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
64890	1131	210	$\frac{1}{30}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{210}^5\ \Phi_{105}^5\ \Phi_{70}^4\ \Phi_{42}^5\ \Phi_{35}^5\ \Phi_{30}^9\ \Phi_{21}^5\ \Phi_{15}^9\ \Phi_{14}^4\ \Phi_{10}^8\ \Phi_7^5\ \Phi_6^9\ \Phi_5^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
64891	1131	672	$\frac{1}{42}$	$\frac{41}{336}$	$\frac{1}{4}$	$\frac{295}{672}$	$\Phi_{672}^3\ \Phi_{224}^3\ \Phi_{96}^3\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
64892	1131	240	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{240}^4\ \Phi_{120}^6\ \Phi_{80}^4\ \Phi_{60}^6\ \Phi_{48}^4\ \Phi_{40}^6\ \Phi_{30}^5\ \Phi_{24}^6\ \Phi_{20}^6\ \Phi_{16}^2\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_8^3\ \Phi_6^5\ \Phi_5^5\ \Phi_4^3\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
64893	1131	224	$\frac{1}{14}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{224}^6\ \Phi_{112}^4\ \Phi_{56}^6\ \Phi_{32}^3\ \Phi_{28}^6\ \Phi_{16}^2\ \Phi_{14}^5\ \Phi_8^3\ \Phi_7^5\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
64894	1131	154	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{154}$	$\Phi_{154}^7\ \Phi_{77}^8\ \Phi_{22}^7\ \Phi_{14}^6\ \Phi_{11}^7\ \Phi_7^7\ \Phi_2^6\ \Phi_1^7$
64895	1131	400	$\frac{23}{400}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{80}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
64896	1131	200	$\frac{1}{40}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{200}^5\ \Phi_{100}^5\ \Phi_{50}^4\ \Phi_{40}^9\ \Phi_{25}^5\ \Phi_{20}^9\ \Phi_{10}^8\ \Phi_8^9\ \Phi_5^8\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
64897	1131	648	$\frac{1}{54}$	$\frac{53}{324}$	$\frac{1}{4}$	$\frac{271}{648}$	$\Phi_{648}^3\ \Phi_{216}^3\ \Phi_{108}^2\ \Phi_{72}^3\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
64898	1131	384	$\frac{7}{384}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
64899	1131	360	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^2\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^2\ \Phi_{45}^4\ \Phi_{40}\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9^3\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
64900	1131	1900	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{181}{950}$	$\frac{769}{1900}$	$\Phi_{1900}\ \Phi_{380}\ \Phi_{190}\ \Phi_{100}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
64901	1131	1260	$\frac{1}{63}$	$\frac{62}{315}$	$\frac{1}{4}$	$\frac{253}{630}$	$\Phi_{1260}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
64902	1131	240	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{240}^8\ \Phi_{120}^2\ \Phi_{80}^8\ \Phi_{60}^2\ \Phi_{48}^7\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{16}^7\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
64903	1131	960	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{960}^2\ \Phi_{320}^2\ \Phi_{192}^2\ \Phi_{120}^2\ \Phi_{64}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
64904	1131	60	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{60}^{30}\ \Phi_{30}^9\ \Phi_{20}^{27}\ \Phi_{15}^9\ \Phi_{12}^{30}\ \Phi_{10}^8\ \Phi_6^9\ \Phi_5^8\ \Phi_4^{27}\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
64905	1131	308	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{308}^6\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{44}^3\ \Phi_{28}^6\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_4^3\ \Phi_1$
64906	1131	645	$\frac{1}{43}$	$\frac{2}{15}$	$\frac{14}{43}$	$\frac{1}{3}$	$\Phi_{645}^2\ \Phi_{215}^2\ \Phi_{43}^2\ \Phi_{15}^3\ \Phi_5^3\ \Phi_1^3$
64907	1131	900	$\frac{2}{75}$	$\frac{73}{450}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}^2\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
64908	1131	60	$\frac{1}{30}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^{25}\ \Phi_{30}^{12}\ \Phi_{20}^{25}\ \Phi_{15}^{13}\ \Phi_{12}^{26}\ \Phi_{10}^{12}\ \Phi_6^{13}\ \Phi_5^{13}\ \Phi_4^{25}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
64909	1131	360	$\frac{1}{40}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^4\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^4\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^2\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
64910	1131	972	$\frac{1}{54}$	$\frac{109}{486}$	$\frac{1}{4}$	$\frac{53}{162}$	$\Phi_{972}^2\ \Phi_{486}\ \Phi_{243}\ \Phi_{108}^2\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
64911	1131	774	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{14}{43}$	$\Phi_{774}^2\ \Phi_{387}^2\ \Phi_{43}^2\ \Phi_{18}^3\ \Phi_9^3\ \Phi_1^3$
64912	1131	688	$\frac{1}{43}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{14}{43}$	$\Phi_{688}^2\ \Phi_{344}^2\ \Phi_{43}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_1^3$
64913	1131	1116	$\frac{5}{186}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{181}{558}$	$\Phi_{1116}^2\ \Phi_{558}\ \Phi_{279}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
64914	1131	255	$\frac{4}{85}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{27}{85}$	$\Phi_{255}^5\ \Phi_{85}^3\ \Phi_{51}^5\ \Phi_{17}^3\ \Phi_{15}^7\ \Phi_5^4\ \Phi_3^7\ \Phi_1^5$
64915	1131	798	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{6}{19}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{19}^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
64916	1131	608	$\frac{1}{19}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{608}^2\ \Phi_{304}^2\ \Phi_{152}^2\ \Phi_{32}^3\ \Phi_{19}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_1^3$
64917	1131	665	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{6}{19}$	$\Phi_{665}^2\ \Phi_{95}^2\ \Phi_{35}^3\ \Phi_{19}^2\ \Phi_5^3\ \Phi_1^3$
64918	1131	84	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{84}^{26}\ \Phi_{42}^{13}\ \Phi_{28}^2\ \Phi_{21}^{13}\ \Phi_{14}\ \Phi_{12}^{26}\ \Phi_7\ \Phi_6^{13}\ \Phi_4\ \Phi_3^{13}\ \Phi_1$
64919	1131	540	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{1}{4}$	$\frac{163}{540}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
64920	1131	540	$\frac{17}{180}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{163}{540}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
64921	1131	420	$\frac{1}{10}$	$\frac{43}{420}$	$\frac{3}{20}$	$\frac{17}{60}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^3\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
64922	1131	180	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{180}^{12}\ \Phi_{90}^6\ \Phi_{60}^2\ \Phi_{45}^6\ \Phi_{36}^{10}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{18}^5\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9^5\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
64923	1131	280	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^6\ \Phi_{40}^2\ \Phi_{35}^4\ \Phi_{28}^6\ \Phi_{20}^2\ \Phi_{14}^5\ \Phi_{10}^2\ \Phi_8^3\ \Phi_7^5\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
64924	1131	504	$\frac{1}{42}$	$\frac{41}{168}$	$\frac{1}{4}$	$\frac{127}{504}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}^2\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{42}\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{18}^3\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9^3\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
64925	1131	240	$\frac{1}{30}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^6\ \Phi_{60}^2\ \Phi_{48}^6\ \Phi_{40}^6\ \Phi_{30}\ \Phi_{24}^6\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
64926	1131	224	$\frac{1}{14}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{224}^6\ \Phi_{112}^6\ \Phi_{56}^6\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
64927	1131	432	$\frac{1}{18}$	$\frac{55}{432}$	$\frac{17}{72}$	$\frac{1}{4}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{48}^3\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
64928	1131	112	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{112}^{13}\ \Phi_{56}^{13}\ \Phi_{28}^2\ \Phi_{16}^{13}\ \Phi_{14}\ \Phi_8^{13}\ \Phi_7\ \Phi_4\ \Phi_1$
64929	1131	900	$\frac{1}{18}$	$\frac{73}{450}$	$\frac{17}{90}$	$\frac{1}{4}$	$\Phi_{900}^2\ \Phi_{450}\ \Phi_{300}^2\ \Phi_{225}\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{50}\ \Phi_{36}^2\ \Phi_{25}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
64930	1131	140	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{140}^{13}\ \Phi_{70}^6\ \Phi_{35}^7\ \Phi_{28}^2\ \Phi_{20}^{13}\ \Phi_{14}\ \Phi_{10}^6\ \Phi_7\ \Phi_5^7\ \Phi_4\ \Phi_1$
64931	1131	480	$\frac{1}{10}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{103}{480}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
64932	1132	564	$\frac{1}{282}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{281}{564}$	$\Phi_{564}^4\ \Phi_{188}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
64933	1132	378	$\frac{1}{189}$	$\frac{95}{378}$	$\frac{1}{3}$	$\frac{94}{189}$	$\Phi_{378}^4\ \Phi_{189}^2\ \Phi_{126}^4\ \Phi_{63}^2\ \Phi_{54}^4\ \Phi_{42}^4\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^2\ \Phi_7^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
64934	1132	1125	$\frac{7}{1125}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{559}{1125}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{225}\ \Phi_{125}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
64935	1132	377	$\frac{3}{377}$	$\frac{94}{377}$	$\frac{95}{377}$	$\frac{187}{377}$	$\Phi_{377}^3\ \Phi_{29}^3\ \Phi_{13}^3\ \Phi_1^4$
64936	1132	1680	$\frac{3}{280}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{277}{560}$	$\Phi_{1680}^2\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{48}^2\ \Phi_{21}$
64937	1132	560	$\frac{3}{280}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{277}{560}$	$\Phi_{560}^4\ \Phi_{112}^4\ \Phi_{80}^4\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{10}$
64938	1132	522	$\frac{1}{87}$	$\frac{22}{261}$	$\frac{239}{522}$	$\frac{43}{87}$	$\Phi_{522}^4\ \Phi_{174}^4\ \Phi_{87}\ \Phi_{58}^4\ \Phi_{29}\ \Phi_{18}^4\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
64939	1132	783	$\frac{1}{87}$	$\frac{44}{261}$	$\frac{217}{783}$	$\frac{43}{87}$	$\Phi_{783}^2\ \Phi_{87}\ \Phi_{29}\ \Phi_{27}^2\ \Phi_3\ \Phi_1^2$
64940	1132	348	$\frac{1}{87}$	$\frac{65}{348}$	$\frac{22}{87}$	$\frac{43}{87}$	$\Phi_{348}^4\ \Phi_{174}^4\ \Phi_{116}^4\ \Phi_{87}\ \Phi_{58}^4\ \Phi_{29}\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
64941	1132	324	$\frac{1}{81}$	$\frac{41}{324}$	$\frac{1}{3}$	$\frac{40}{81}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{108}^4\ \Phi_{81}^2\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^2\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
64942	1132	559	$\frac{7}{559}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{276}{559}$	$\Phi_{559}^2\ \Phi_{43}^2\ \Phi_{13}^3\ \Phi_1^4$
64943	1132	558	$\frac{4}{279}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{275}{558}$	$\Phi_{558}^4\ \Phi_{186}^4\ \Phi_{62}^4\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
64944	1132	315	$\frac{1}{63}$	$\frac{32}{315}$	$\frac{1}{3}$	$\frac{31}{63}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^2\ \Phi_{45}^4\ \Phi_{35}^4\ \Phi_{21}^2\ \Phi_{15}^4\ \Phi_9^2\ \Phi_7^2\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
64945	1132	1113	$\frac{19}{1113}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{547}{1113}$	$\Phi_{1113}\ \Phi_{371}\ \Phi_{159}\ \Phi_{53}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
64946	1132	1107	$\frac{25}{1107}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{541}{1107}$	$\Phi_{1107}\ \Phi_{369}\ \Phi_{123}\ \Phi_{41}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
64947	1132	546	$\frac{1}{39}$	$\frac{10}{273}$	$\frac{263}{546}$	$\frac{19}{39}$	$\Phi_{546}^4\ \Phi_{182}^4\ \Phi_{78}^4\ \Phi_{42}^4\ \Phi_{39}\ \Phi_{26}^4\ \Phi_{14}^4\ \Phi_{13}\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
64948	1132	819	$\frac{1}{39}$	$\frac{20}{273}$	$\frac{253}{819}$	$\frac{19}{39}$	$\Phi_{819}^2\ \Phi_{117}^2\ \Phi_{63}^2\ \Phi_{39}\ \Phi_{13}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
64949	1132	312	$\frac{1}{39}$	$\frac{29}{312}$	$\frac{10}{39}$	$\frac{19}{39}$	$\Phi_{312}^4\ \Phi_{156}^4\ \Phi_{104}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}\ \Phi_{26}^4\ \Phi_{24}^4\ \Phi_{13}\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
64950	1132	551	$\frac{15}{551}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{268}{551}$	$\Phi_{551}^2\ \Phi_{29}^3\ \Phi_{19}^2\ \Phi_1^4$
64951	1132	546	$\frac{10}{273}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{263}{546}$	$\Phi_{546}^4\ \Phi_{182}^4\ \Phi_{78}^4\ \Phi_{42}^4\ \Phi_{26}^4\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
64952	1132	546	$\frac{10}{273}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{263}{546}$	$\Phi_{546}^4\ \Phi_{182}^4\ \Phi_{78}^4\ \Phi_{42}^4\ \Phi_{26}^4\ \Phi_{14}^4\ \Phi_{13}^3\ \Phi_6^4\ \Phi_2^4\ \Phi_1^4$
64953	1132	297	$\frac{1}{27}$	$\frac{14}{297}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{297}^4\ \Phi_{99}^4\ \Phi_{33}^4\ \Phi_{27}^2\ \Phi_{11}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
64954	1132	294	$\frac{11}{294}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{294}^4\ \Phi_{147}^4\ \Phi_{98}^4\ \Phi_{49}^4\ \Phi_{42}^4\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
64955	1132	540	$\frac{1}{27}$	$\frac{13}{270}$	$\frac{1}{3}$	$\frac{257}{540}$	$\Phi_{540}^4\ \Phi_{180}^4\ \Phi_{108}^4\ \Phi_{60}^4\ \Phi_{36}^4\ \Phi_{27}^2\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_9^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
64956	1132	1071	$\frac{2}{63}$	$\frac{61}{1071}$	$\frac{1}{3}$	$\frac{505}{1071}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}\ \Phi_{119}\ \Phi_{63}^2\ \Phi_{51}\ \Phi_{21}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
64957	1132	1053	$\frac{2}{81}$	$\frac{79}{1053}$	$\frac{1}{3}$	$\frac{487}{1053}$	$\Phi_{1053}\ \Phi_{351}\ \Phi_{117}\ \Phi_{81}^2\ \Phi_{39}\ \Phi_{27}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
64958	1132	1053	$\frac{1}{39}$	$\frac{79}{1053}$	$\frac{38}{117}$	$\frac{487}{1053}$	$\Phi_{1053}\ \Phi_{351}\ \Phi_{117}^2\ \Phi_{81}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
64959	1132	522	$\frac{1}{29}$	$\frac{22}{261}$	$\frac{7}{29}$	$\frac{239}{522}$	$\Phi_{522}^4\ \Phi_{174}^4\ \Phi_{58}^4\ \Phi_{29}^3\ \Phi_{18}^4\ \Phi_6^4\ \Phi_2^4\ \Phi_1^4$
64960	1132	520	$\frac{1}{13}$	$\frac{23}{260}$	$\frac{3}{26}$	$\frac{237}{520}$	$\Phi_{520}^4\ \Phi_{104}^4\ \Phi_{40}^4\ \Phi_{26}^4\ \Phi_{13}^3\ \Phi_8^4\ \Phi_2^4\ \Phi_1^4$
64961	1132	390	$\frac{1}{39}$	$\frac{19}{195}$	$\frac{107}{390}$	$\frac{88}{195}$	$\Phi_{390}^4\ \Phi_{195}^2\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{30}^4\ \Phi_{26}^4\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^2\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
64962	1132	290	$\frac{7}{290}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{290}^4\ \Phi_{145}^4\ \Phi_{58}^4\ \Phi_{29}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^4$
64963	1132	288	$\frac{5}{288}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{288}^4\ \Phi_{144}^4\ \Phi_{96}^4\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{32}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
64964	1132	1015	$\frac{1}{29}$	$\frac{117}{1015}$	$\frac{28}{145}$	$\frac{449}{1015}$	$\Phi_{1015}\ \Phi_{203}\ \Phi_{145}^2\ \Phi_{35}\ \Phi_{29}\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
64965	1132	312	$\frac{1}{13}$	$\frac{29}{312}$	$\frac{3}{26}$	$\frac{23}{52}$	$\Phi_{312}^4\ \Phi_{156}^4\ \Phi_{104}^4\ \Phi_{78}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{24}^4\ \Phi_{13}^3\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
64966	1132	348	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{65}{348}$	$\frac{51}{116}$	$\Phi_{348}^4\ \Phi_{174}^4\ \Phi_{87}^4\ \Phi_{58}^4\ \Phi_{29}^3\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
64967	1132	504	$\frac{1}{63}$	$\frac{31}{252}$	$\frac{1}{3}$	$\frac{221}{504}$	$\Phi_{504}^4\ \Phi_{168}^4\ \Phi_{72}^4\ \Phi_{63}^2\ \Phi_{56}^4\ \Phi_{24}^4\ \Phi_{21}^2\ \Phi_9^2\ \Phi_8^4\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
64968	1132	1001	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{131}{1001}$	$\frac{435}{1001}$	$\Phi_{1001}\ \Phi_{143}^2\ \Phi_{91}\ \Phi_{77}\ \Phi_{13}\ \Phi_{11}^2\ \Phi_7\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
64969	1132	861	$\frac{4}{287}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{861}^2\ \Phi_{123}^2\ \Phi_{21}$
64970	1132	975	$\frac{1}{39}$	$\frac{157}{975}$	$\frac{38}{195}$	$\frac{409}{975}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{195}^2\ \Phi_{75}\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{25}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
64971	1132	351	$\frac{1}{39}$	$\frac{19}{117}$	$\frac{68}{351}$	$\frac{49}{117}$	$\Phi_{351}^4\ \Phi_{117}^2\ \Phi_{39}\ \Phi_{27}^4\ \Phi_{13}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
64972	1132	486	$\frac{1}{81}$	$\frac{40}{243}$	$\frac{1}{3}$	$\frac{203}{486}$	$\Phi_{486}^4\ \Phi_{162}^4\ \Phi_{81}^2\ \Phi_{54}^4\ \Phi_{27}^2\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
64973	1132	945	$\frac{2}{189}$	$\frac{187}{945}$	$\frac{1}{3}$	$\frac{379}{945}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}^2\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
64974	1132	468	$\frac{1}{39}$	$\frac{19}{117}$	$\frac{49}{234}$	$\frac{185}{468}$	$\Phi_{468}^4\ \Phi_{156}^4\ \Phi_{117}^2\ \Phi_{52}^4\ \Phi_{39}\ \Phi_{36}^4\ \Phi_{13}\ \Phi_{12}^4\ \Phi_9^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
64975	1132	464	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{51}{232}$	$\frac{181}{464}$	$\Phi_{464}^4\ \Phi_{58}^4\ \Phi_{29}^3\ \Phi_{16}^4\ \Phi_2^4\ \Phi_1^4$
64976	1132	1440	$\frac{5}{288}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
64977	1132	435	$\frac{1}{29}$	$\frac{14}{145}$	$\frac{131}{435}$	$\frac{152}{435}$	$\Phi_{435}^2\ \Phi_{145}^4\ \Phi_{87}^2\ \Phi_{29}^3\ \Phi_{15}^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
64978	1132	429	$\frac{6}{143}$	$\frac{1}{13}$	$\frac{137}{429}$	$\frac{146}{429}$	$\Phi_{429}^2\ \Phi_{143}^4\ \Phi_{39}^2\ \Phi_{33}^2\ \Phi_{13}^3\ \Phi_{11}^4\ \Phi_3^2\ \Phi_1^4$
64979	1132	2130	$\frac{1}{71}$	$\frac{1}{5}$	$\frac{70}{213}$	$\frac{143}{426}$	$\Phi_{2130}\ \Phi_{710}\ \Phi_{355}\ \Phi_{30}\ \Phi_{10}$
64980	1132	285	$\frac{2}{285}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{285}^4\ \Phi_{95}^4\ \Phi_{57}^4\ \Phi_{19}^4\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
64981	1132	423	$\frac{1}{141}$	$\frac{140}{423}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{423}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
64982	1132	1128	$\frac{1}{94}$	$\frac{93}{376}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{376}^2\ \Phi_{188}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
64983	1132	705	$\frac{2}{141}$	$\frac{139}{705}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{705}^2\ \Phi_{235}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
64984	1132	288	$\frac{5}{288}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{288}^4\ \Phi_{144}^4\ \Phi_{96}^4\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{32}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
64985	1132	987	$\frac{1}{47}$	$\frac{46}{329}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{987}\ \Phi_{329}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
64986	1132	729	$\frac{1}{81}$	$\frac{163}{729}$	$\frac{80}{243}$	$\frac{1}{3}$	$\Phi_{729}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
64987	1132	420	$\frac{3}{140}$	$\frac{1}{7}$	$\frac{137}{420}$	$\frac{1}{3}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^4\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^4\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^4\ \Phi_{30}^2\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^2\ \Phi_5^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
64988	1132	837	$\frac{8}{279}$	$\frac{1}{9}$	$\frac{271}{837}$	$\frac{1}{3}$	$\Phi_{837}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
64989	1132	819	$\frac{1}{21}$	$\frac{20}{273}$	$\frac{253}{819}$	$\frac{1}{3}$	$\Phi_{819}^2\ \Phi_{117}^2\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
64990	1132	405	$\frac{1}{27}$	$\frac{13}{135}$	$\frac{122}{405}$	$\frac{1}{3}$	$\Phi_{405}^4\ \Phi_{81}^4\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
64991	1132	378	$\frac{1}{63}$	$\frac{31}{126}$	$\frac{95}{378}$	$\frac{1}{3}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{63}^2\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
64992	1132	324	$\frac{1}{27}$	$\frac{41}{324}$	$\frac{13}{54}$	$\frac{1}{3}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{108}^4\ \Phi_{81}^4\ \Phi_{36}^4\ \Phi_{27}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
64993	1132	675	$\frac{7}{225}$	$\frac{109}{675}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{675}^2\ \Phi_{225}\ \Phi_{135}^2\ \Phi_{75}\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{25}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
64994	1132	585	$\frac{19}{585}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{117}^2\ \Phi_{65}^2\ \Phi_{45}\ \Phi_{39}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
64995	1132	294	$\frac{11}{294}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{294}^4\ \Phi_{147}^4\ \Phi_{98}^4\ \Phi_{49}^4\ \Phi_{42}^2\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
64996	1132	675	$\frac{1}{27}$	$\frac{109}{675}$	$\frac{26}{135}$	$\frac{1}{3}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{75}^2\ \Phi_{27}^2\ \Phi_{25}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
64997	1132	1050	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{67}{350}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{21}$
64998	1132	1785	$\frac{29}{595}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{51}\ \Phi_{21}$
64999	1132	336	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{53}{336}$	$\frac{1}{3}$	$\Phi_{336}^4\ \Phi_{168}^2\ \Phi_{112}^4\ \Phi_{84}^2\ \Phi_{56}^4\ \Phi_{48}^4\ \Phi_{42}^2\ \Phi_{28}^4\ \Phi_{24}^2\ \Phi_{21}^3\ \Phi_{16}^4\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_8^4\ \Phi_7^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
65000	1132	924	$\frac{25}{308}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{231}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{21}$
65001	1132	315	$\frac{3}{35}$	$\frac{32}{315}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{315}^4\ \Phi_{105}^2\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{35}^4\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_9^4\ \Phi_7^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
65002	1132	420	$\frac{3}{140}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{137}{420}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{21}^4\ \Phi_{20}\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^4\ \Phi_3^4$
65003	1132	351	$\frac{1}{39}$	$\frac{68}{351}$	$\frac{79}{351}$	$\frac{38}{117}$	$\Phi_{351}^3\ \Phi_{117}^4\ \Phi_{39}^3\ \Phi_{27}^3\ \Phi_{13}^3\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
65004	1132	390	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{130}$	$\frac{107}{390}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{78}^4\ \Phi_{39}^4\ \Phi_{30}^4\ \Phi_{26}^4\ \Phi_{15}^4\ \Phi_{13}^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
65005	1132	312	$\frac{1}{13}$	$\frac{29}{312}$	$\frac{3}{13}$	$\frac{10}{39}$	$\Phi_{312}^4\ \Phi_{156}^4\ \Phi_{104}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{24}^4\ \Phi_{13}^3\ \Phi_{12}^4\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
65006	1132	348	$\frac{1}{29}$	$\frac{65}{348}$	$\frac{7}{29}$	$\frac{22}{87}$	$\Phi_{348}^4\ \Phi_{174}^4\ \Phi_{116}^4\ \Phi_{58}^4\ \Phi_{29}^3\ \Phi_{12}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
65007	1132	1680	$\frac{3}{56}$	$\frac{53}{336}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{240}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{80}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
65008	1132	300	$\frac{17}{300}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^4\ \Phi_{60}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{20}\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}\ \Phi_{6}^4\ \Phi_{3}^4$
65009	1132	320	$\frac{3}{40}$	$\frac{37}{320}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{320}^4\ \Phi_{160}^4\ \Phi_{80}^4\ \Phi_{64}^4\ \Phi_{32}^4\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{10}$
65010	1132	1540	$\frac{25}{308}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{20}\ \Phi_{10}$
65011	1132	364	$\frac{1}{13}$	$\frac{10}{91}$	$\frac{81}{364}$	$\frac{3}{13}$	$\Phi_{364}^4\ \Phi_{182}^4\ \Phi_{52}^4\ \Phi_{28}^4\ \Phi_{26}^4\ \Phi_{14}^4\ \Phi_{13}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
65012	1133	2256	$\frac{5}{1128}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1123}{2256}$	$\Phi_{2256}\ \Phi_{752}\ \Phi_{48}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
65013	1133	1020	$\frac{1}{102}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{101}{204}$	$\Phi_{510}^2\ \Phi_{255}^2\ \Phi_{204}\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^3$
65014	1133	1020	$\frac{1}{102}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{101}{204}$	$\Phi_{1020}^2\ \Phi_{340}^2\ \Phi_{204}^3\ \Phi_{68}^3\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^3\ \Phi_{4}^3\ \Phi_{3}\ \Phi_{1}$
65015	1133	2240	$\frac{13}{1120}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1107}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{64}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
65016	1133	600	$\frac{3}{100}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{97}{200}$	$\Phi_{600}^4\ \Phi_{200}^3\ \Phi_{120}^4\ \Phi_{40}^3\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
65017	1133	192	$\frac{7}{96}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{89}{192}$	$\Phi_{192}^{11}\ \Phi_{64}^{11}\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
65018	1133	420	$\frac{2}{105}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{420}^5\ \Phi_{140}^5\ \Phi_{105}\ \Phi_{84}^5\ \Phi_{60}^4\ \Phi_{35}\ \Phi_{28}^5\ \Phi_{21}\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^5\ \Phi_{1}$
65019	1133	3060	$\frac{1}{51}$	$\frac{1}{10}$	$\frac{50}{153}$	$\frac{9}{20}$	$\Phi_{3060}\ \Phi_{612}\ \Phi_{180}\ \Phi_{153}\ \Phi_{36}\ \Phi_{20}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
65020	1133	680	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{33}{136}$	$\frac{9}{20}$	$\Phi_{680}^2\ \Phi_{170}^2\ \Phi_{136}^3\ \Phi_{85}^2\ \Phi_{68}\ \Phi_{40}^2\ \Phi_{34}^2\ \Phi_{20}\ \Phi_{17}^2\ \Phi_{10}^2\ \Phi_{8}^3\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
65021	1133	540	$\frac{5}{108}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^3\ \Phi_{90}^2\ \Phi_{54}^3\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{27}^3\ \Phi_{20}\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_{9}^3\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^3$
65022	1133	2380	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{16}{119}$	$\frac{9}{20}$	$\Phi_{2380}\ \Phi_{476}\ \Phi_{140}\ \Phi_{119}\ \Phi_{28}\ \Phi_{20}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
65023	1133	336	$\frac{9}{112}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^3\ \Phi_{84}^4\ \Phi_{56}^3\ \Phi_{42}^4\ \Phi_{28}^3\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{7}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
65024	1133	1092	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{12}{91}$	$\frac{79}{182}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{156}^2\ \Phi_{91}\ \Phi_{84}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{42}\ \Phi_{39}^2\ \Phi_{28}\ \Phi_{26}\ \Phi_{21}\ \Phi_{13}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
65025	1133	1152	$\frac{19}{1152}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
65026	1133	936	$\frac{1}{104}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{936}\ \Phi_{468}\ \Phi_{312}^2\ \Phi_{234}\ \Phi_{156}^2\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}^2\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{36}\ \Phi_{26}\ \Phi_{24}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
65027	1133	208	$\frac{1}{104}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{208}^8\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{16}^7\ \Phi_{13}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
65028	1133	1504	$\frac{5}{376}$	$\frac{371}{1504}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1504}\ \Phi_{752}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
65029	1133	1152	$\frac{19}{1152}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
65030	1133	156	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{25}{78}$	$\frac{53}{156}$	$\Phi_{156}^7\ \Phi_{78}^8\ \Phi_{52}^7\ \Phi_{39}^8\ \Phi_{26}^7\ \Phi_{13}^7\ \Phi_{12}^6\ \Phi_{6}^7\ \Phi_{4}^6\ \Phi_{3}^7\ \Phi_{2}^6\ \Phi_{1}^7$
65031	1133	1704	$\frac{3}{284}$	$\frac{1}{4}$	$\frac{281}{852}$	$\frac{571}{1704}$	$\Phi_{1704}\ \Phi_{568}\ \Phi_{284}\ \Phi_{142}\ \Phi_{71}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
65032	1133	105	$\frac{2}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{105}^{11}\ \Phi_{35}^{11}\ \Phi_{21}^{11}\ \Phi_{15}^{10}\ \Phi_{7}^{11}\ \Phi_{5}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{9}$
65033	1133	765	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{50}{153}$	$\Phi_{765}^2\ \Phi_{153}^3\ \Phi_{45}^2\ \Phi_{15}\ \Phi_{9}^3\ \Phi_{3}\ \Phi_{1}$
65034	1133	1680	$\frac{13}{560}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{547}{1680}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
65035	1133	120	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{7}{24}$	$\Phi_{120}^{11}\ \Phi_{60}^{11}\ \Phi_{40}^{11}\ \Phi_{30}^{11}\ \Phi_{24}^4\ \Phi_{20}^{11}\ \Phi_{15}^{11}\ \Phi_{12}^3\ \Phi_{10}^{11}\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{5}^{11}\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
65036	1133	144	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{144}$	$\Phi_{144}^{11}\ \Phi_{72}^{11}\ \Phi_{36}^{11}\ \Phi_{24}^4\ \Phi_{18}^{11}\ \Phi_{12}^3\ \Phi_{9}^{11}\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
65037	1133	2040	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{33}{136}$	$\frac{4}{15}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}\ \Phi_{68}\ \Phi_{60}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
65038	1133	540	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^3\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^3\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{12}^3\ \Phi_9^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
65039	1133	1785	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{119}\ \Phi_{105}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_3\ \Phi_1$
65040	1133	1200	$\frac{67}{1200}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
65041	1133	1344	$\frac{13}{224}$	$\frac{211}{1344}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
65042	1133	112	$\frac{9}{112}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{112}^{10}\ \Phi_{56}^{10}\ \Phi_{28}^{10}\ \Phi_{16}^{11}\ \Phi_{14}^{10}\ \Phi_8^{11}\ \Phi_7^{10}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
65043	1133	1280	$\frac{13}{160}$	$\frac{147}{1280}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
65044	1133	120	$\frac{1}{12}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{120}^{11}\ \Phi_{60}^7\ \Phi_{40}^{11}\ \Phi_{30}^7\ \Phi_{24}^{11}\ \Phi_{20}^8\ \Phi_{15}^7\ \Phi_{12}^{10}\ \Phi_{10}^8\ \Phi_8^{11}\ \Phi_6^{10}\ \Phi_5^8\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
65045	1133	384	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{25}{128}$	$\frac{7}{32}$	$\Phi_{384}^4\ \Phi_{192}^4\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
65046	1134	1880	$\frac{1}{188}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{187}{376}$	$\Phi_{1880}\ \Phi_{376}^2\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
65047	1134	1128	$\frac{1}{188}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{187}{376}$	$\Phi_{1128}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
65048	1134	1932	$\frac{1}{161}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{80}{161}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{276}\ \Phi_{161}\ \Phi_{92}\ \Phi_{84}\ \Phi_{28}\ \Phi_{23}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
65049	1134	1449	$\frac{1}{161}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{80}{161}$	$\Phi_{1449}\ \Phi_{207}\ \Phi_{161}\ \Phi_{63}\ \Phi_{23}\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
65050	1134	2000	$\frac{1}{125}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{62}{125}$	$\Phi_{2000}\ \Phi_{400}\ \Phi_{125}\ \Phi_{80}\ \Phi_{25}\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
65051	1134	500	$\frac{1}{125}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{62}{125}$	$\Phi_{500}^2\ \Phi_{250}^2\ \Phi_{125}^3\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
65052	1134	1030	$\frac{1}{103}$	$\frac{52}{515}$	$\frac{463}{1030}$	$\frac{51}{103}$	$\Phi_{1030}^2\ \Phi_{206}^2\ \Phi_{103}\ \Phi_{10}^2\ \Phi_2^2\ \Phi_1^2$
65053	1134	374	$\frac{2}{187}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{185}{374}$	$\Phi_{374}^6\ \Phi_{34}^6\ \Phi_{22}^6\ \Phi_{11}\ \Phi_2^6\ \Phi_1^2$
65054	1134	1133	$\frac{13}{1133}$	$\frac{191}{1133}$	$\frac{314}{1133}$	$\frac{560}{1133}$	$\Phi_{1133}\ \Phi_{103}\ \Phi_{11}\ \Phi_1^2$
65055	1134	2080	$\frac{1}{80}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{79}{160}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{160}^2\ \Phi_{32}^2\ \Phi_{13}\ \Phi_1^2$
65056	1134	480	$\frac{1}{80}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{79}{160}$	$\Phi_{480}^7\ \Phi_{96}^7\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
65057	1134	1516	$\frac{5}{379}$	$\frac{64}{379}$	$\frac{1}{4}$	$\frac{187}{379}$	$\Phi_{1516}\ \Phi_{758}$
65058	1134	2108	$\frac{1}{62}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{61}{124}$	$\Phi_{2108}\ \Phi_{124}^2\ \Phi_{68}\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
65059	1134	1860	$\frac{1}{62}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{61}{124}$	$\Phi_{1860}^2\ \Phi_{372}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
65060	1134	2108	$\frac{1}{62}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{61}{124}$	$\Phi_{2108}\ \Phi_{124}^2\ \Phi_{68}\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
65061	1134	868	$\frac{1}{62}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{61}{124}$	$\Phi_{868}\ \Phi_{434}^2\ \Phi_{217}^2\ \Phi_{28}^2\ \Phi_{14}^3\ \Phi_7^2$
65062	1134	2120	$\frac{1}{53}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{26}{53}$	$\Phi_{2120}\ \Phi_{424}\ \Phi_{53}\ \Phi_{40}^2\ \Phi_8^2\ \Phi_1^2$
65063	1134	530	$\frac{1}{53}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{26}{53}$	$\Phi_{530}^2\ \Phi_{265}^2\ \Phi_{106}^2\ \Phi_{53}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
65064	1134	424	$\frac{1}{53}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{26}{53}$	$\Phi_{424}^3\ \Phi_{212}^2\ \Phi_{106}^2\ \Phi_{53}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
65065	1134	1325	$\frac{1}{53}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{26}{53}$	$\Phi_{1325}\ \Phi_{53}\ \Phi_{25}^2\ \Phi_1^2$
65066	1134	2590	$\frac{4}{185}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{181}{370}$	$\Phi_{2590}\ \Phi_{518}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
65067	1134	2132	$\frac{1}{41}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{20}{41}$	$\Phi_{2132}\ \Phi_{164}\ \Phi_{52}^2\ \Phi_{41}\ \Phi_4^2\ \Phi_1^2$
65068	1134	533	$\frac{1}{41}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{20}{41}$	$\Phi_{533}^2\ \Phi_{41}^3\ \Phi_{13}^4\ \Phi_1^6$
65069	1134	820	$\frac{1}{41}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{20}{41}$	$\Phi_{820}^2\ \Phi_{410}\ \Phi_{205}\ \Phi_{164}\ \Phi_{41}\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
65070	1134	1133	$\frac{29}{1133}$	$\frac{83}{1133}$	$\frac{350}{1133}$	$\frac{552}{1133}$	$\Phi_{1133}\ \Phi_{103}\ \Phi_{11}\ \Phi_1^2$
65071	1134	532	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{13}{76}$	$\frac{37}{76}$	$\Phi_{532}^2\ \Phi_{266}^3\ \Phi_{133}^3\ \Phi_{28}^2\ \Phi_{14}^3\ \Phi_7^2$
65072	1134	1304	$\frac{5}{163}$	$\frac{1}{8}$	$\frac{28}{163}$	$\frac{79}{163}$	$\Phi_{1304}\ \Phi_{652}\ \Phi_{326}$
65073	1134	1100	$\frac{17}{550}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{533}{1100}$	$\Phi_{1100}^2\ \Phi_{220}^2\ \Phi_{100}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
65074	1134	1133	$\frac{37}{1133}$	$\frac{65}{1133}$	$\frac{356}{1133}$	$\frac{548}{1133}$	$\Phi_{1133}\ \Phi_{103}\ \Phi_{11}\ \Phi_1^2$
65075	1134	1133	$\frac{37}{1133}$	$\frac{134}{1133}$	$\frac{195}{1133}$	$\frac{548}{1133}$	$\Phi_{1133}\ \Phi_{103}\ \Phi_{11}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
65076	1134	1516	$\frac{13}{379}$	$\frac{28}{379}$	$\frac{1}{4}$	$\frac{183}{379}$	$\Phi_{1516}\ \Phi_{758}$
65077	1134	1716	$\frac{1}{26}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{1716}^2\ \Phi_{156}\ \Phi_{132}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
65078	1134	2132	$\frac{1}{26}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{25}{52}$	$\Phi_{2132}\ \Phi_{164}\ \Phi_{52}^2\ \Phi_{41}\ \Phi_4^2\ \Phi_1^2$
65079	1134	780	$\frac{1}{26}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{780}\ \Phi_{390}^2\ \Phi_{260}\ \Phi_{195}^2\ \Phi_{156}\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{39}^2\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^2\ \Phi_3^2$
65080	1134	2132	$\frac{1}{26}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{25}{52}$	$\Phi_{2132}\ \Phi_{164}\ \Phi_{52}^2\ \Phi_{41}\ \Phi_4^2\ \Phi_1^2$
65081	1134	728	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{25}{52}$	$\Phi_{728}^2\ \Phi_{364}\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{56}^3\ \Phi_{28}^2\ \Phi_{14}^3\ \Phi_7^2$
65082	1134	1270	$\frac{5}{127}$	$\frac{1}{10}$	$\frac{22}{127}$	$\frac{61}{127}$	$\Phi_{1270}\ \Phi_{635}\ \Phi_{254}$
65083	1134	121	$\frac{5}{121}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{58}{121}$	$\Phi_{121}^9\ \Phi_{11}^{13}\ \Phi_1^{14}$
65084	1134	1133	$\frac{49}{1133}$	$\frac{104}{1133}$	$\frac{197}{1133}$	$\frac{542}{1133}$	$\Phi_{1133}\ \Phi_{103}\ \Phi_{11}\ \Phi_1^2$
65085	1134	1516	$\frac{17}{379}$	$\frac{22}{379}$	$\frac{1}{4}$	$\frac{181}{379}$	$\Phi_{1516}\ \Phi_{758}$
65086	1134	206	$\frac{5}{103}$	$\frac{17}{206}$	$\frac{18}{103}$	$\frac{49}{103}$	$\Phi_{206}^6\ \Phi_{103}^5\ \Phi_2^6\ \Phi_1^6$
65087	1134	840	$\frac{1}{28}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{840}^4\ \Phi_{168}^4\ \Phi_{120}^3\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
65088	1134	2120	$\frac{2}{53}$	$\frac{1}{20}$	$\frac{17}{53}$	$\frac{19}{40}$	$\Phi_{2120}\ \Phi_{424}\ \Phi_{53}\ \Phi_{40}^2\ \Phi_8^2\ \Phi_1^2$
65089	1134	760	$\frac{1}{20}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{760}^3\ \Phi_{152}^3\ \Phi_{76}\ \Phi_{38}$
65090	1134	2120	$\frac{1}{20}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{19}{40}$	$\Phi_{2120}\ \Phi_{424}\ \Phi_{53}\ \Phi_{40}^2\ \Phi_8^2\ \Phi_1^2$
65091	1134	280	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{19}{40}$	$\Phi_{280}^9\ \Phi_{70}\ \Phi_{56}^9\ \Phi_{35}\ \Phi_{14}$
65092	1134	527	$\frac{1}{31}$	$\frac{1}{17}$	$\frac{10}{31}$	$\frac{8}{17}$	$\Phi_{527}^2\ \Phi_{31}^4\ \Phi_{17}^3\ \Phi_1^6$
65093	1134	748	$\frac{1}{22}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{748}^2\ \Phi_{374}\ \Phi_{187}\ \Phi_{68}\ \Phi_{44}^4\ \Phi_{22}^2\ \Phi_{17}\ \Phi_{11}^2\ \Phi_4^2\ \Phi_1^2$
65094	1134	527	$\frac{1}{17}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{8}{17}$	$\Phi_{527}^2\ \Phi_{31}^4\ \Phi_{17}^3\ \Phi_1^6$
65095	1134	680	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{8}{17}$	$\Phi_{680}^2\ \Phi_{340}^2\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{68}\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{17}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
65096	1134	352	$\frac{13}{176}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{163}{352}$	$\Phi_{352}^6\ \Phi_{44}^2\ \Phi_{32}^6\ \Phi_{22}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
65097	1134	1133	$\frac{29}{1133}$	$\frac{85}{1133}$	$\frac{368}{1133}$	$\frac{524}{1133}$	$\Phi_{1133}\ \Phi_{103}\ \Phi_{11}\ \Phi_1^2$
65098	1134	520	$\frac{1}{40}$	$\frac{1}{13}$	$\frac{13}{40}$	$\frac{6}{13}$	$\Phi_{520}^2\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{104}^2\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{40}^4\ \Phi_{26}^2\ \Phi_{20}^4\ \Phi_{13}^3\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
65099	1134	364	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{364}^3\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{52}^2\ \Phi_{28}^6\ \Phi_{26}^2\ \Phi_{14}^6\ \Phi_{13}^3\ \Phi_7^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
65100	1134	1105	$\frac{4}{85}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{1105}\ \Phi_{221}\ \Phi_{85}^2\ \Phi_{17}^2\ \Phi_{13}\ \Phi_1^2$
65101	1134	1300	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{19}{100}$	$\frac{6}{13}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{325}\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{13}\ \Phi_1^2$
65102	1134	416	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{5}{32}$	$\frac{6}{13}$	$\Phi_{416}^3\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{32}^6\ \Phi_{26}^2\ \Phi_{16}^4\ \Phi_{13}^3\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
65103	1134	1144	$\frac{1}{13}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{6}{13}$	$\Phi_{1144}\ \Phi_{572}\ \Phi_{286}\ \Phi_{143}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{13}\ \Phi_{11}^2\ \Phi_1^2$
65104	1134	130	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{6}{13}$	$\Phi_{130}^8\ \Phi_{65}^8\ \Phi_{26}^8\ \Phi_{13}^9\ \Phi_{10}^{16}\ \Phi_5^{16}\ \Phi_2^{16}\ \Phi_1^{18}$
65105	1134	550	$\frac{1}{22}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{550}^2\ \Phi_{275}^2\ \Phi_{110}^3\ \Phi_{55}^3\ \Phi_{25}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_1^2$
65106	1134	748	$\frac{6}{187}$	$\frac{1}{11}$	$\frac{181}{748}$	$\frac{5}{11}$	$\Phi_{748}^2\ \Phi_{374}^2\ \Phi_{68}^2\ \Phi_{44}^2\ \Phi_{34}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
65107	1134	22	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{22}^{54}\ \Phi_{11}^{49}\ \Phi_2^{54}\ \Phi_1^{50}$
65108	1134	1133	$\frac{23}{1133}$	$\frac{109}{1133}$	$\frac{370}{1133}$	$\frac{512}{1133}$	$\Phi_{1133}\ \Phi_{103}\ \Phi_{11}\ \Phi_1^2$
65109	1134	1133	$\frac{69}{1133}$	$\frac{109}{1133}$	$\frac{152}{1133}$	$\frac{512}{1133}$	$\Phi_{1133}\ \Phi_{103}\ \Phi_{11}\ \Phi_1^2$
65110	1134	1133	$\frac{89}{1133}$	$\frac{113}{1133}$	$\frac{116}{1133}$	$\frac{510}{1133}$	$\Phi_{1133}\ \Phi_{103}\ \Phi_{11}\ \Phi_1^2$
65111	1134	1400	$\frac{11}{200}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{175}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{14}$
65112	1134	1270	$\frac{10}{127}$	$\frac{1}{10}$	$\frac{13}{127}$	$\frac{57}{127}$	$\Phi_{1270}\ \Phi_{635}\ \Phi_{254}$
65113	1134	1304	$\frac{10}{163}$	$\frac{17}{163}$	$\frac{1}{8}$	$\frac{73}{163}$	$\Phi_{1304}\ \Phi_{652}\ \Phi_{326}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
65114	1134	266	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{7}$	$\frac{17}{38}$	$\Phi_{266}^{9}\ \Phi_{133}\ \Phi_{14}^{9}$
65115	1134	103	$\frac{4}{103}$	$\frac{11}{103}$	$\frac{19}{103}$	$\frac{46}{103}$	$\Phi_{103}^{11}\ \Phi_{1}^{12}$
65116	1134	1516	$\frac{10}{379}$	$\frac{41}{379}$	$\frac{1}{4}$	$\frac{169}{379}$	$\Phi_{1516}\ \Phi_{758}$
65117	1134	88	$\frac{7}{88}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{88}$	$\Phi_{88}^{12}\ \Phi_{44}^{14}\ \Phi_{22}^{14}\ \Phi_{11}^{13}\ \Phi_{8}^{12}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
65118	1134	1204	$\frac{1}{28}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{1204}\ \Phi_{602}\ \Phi_{301}\ \Phi_{172}\ \Phi_{86}$
65119	1134	192	$\frac{1}{64}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{192}^{9}\ \Phi_{96}^{9}\ \Phi_{48}^{8}\ \Phi_{24}^{9}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{3}^{8}$
65120	1134	2000	$\frac{2}{125}$	$\frac{1}{8}$	$\frac{41}{125}$	$\frac{7}{16}$	$\Phi_{2000}\ \Phi_{400}\ \Phi_{125}\ \Phi_{80}\ \Phi_{25}\ \Phi_{16}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
65121	1134	688	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{688}^{3}\ \Phi_{172}\ \Phi_{86}$
65122	1134	1040	$\frac{2}{65}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{1040}^{2}\ \Phi_{208}^{2}\ \Phi_{80}\ \Phi_{65}^{2}\ \Phi_{16}^{2}\ \Phi_{13}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
65123	1134	400	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{7}{16}$	$\Phi_{400}^{5}\ \Phi_{80}^{5}\ \Phi_{25}^{5}\ \Phi_{16}^{6}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
65124	1134	1232	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{1232}^{2}\ \Phi_{154}\ \Phi_{112}\ \Phi_{77}\ \Phi_{14}$
65125	1134	2000	$\frac{6}{125}$	$\frac{1}{8}$	$\frac{17}{125}$	$\frac{7}{16}$	$\Phi_{2000}\ \Phi_{400}\ \Phi_{125}\ \Phi_{80}\ \Phi_{25}\ \Phi_{16}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
65126	1134	304	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{304}^{7}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
65127	1134	2000	$\frac{8}{125}$	$\frac{13}{125}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2000}\ \Phi_{400}\ \Phi_{125}\ \Phi_{80}\ \Phi_{25}\ \Phi_{16}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
65128	1134	240	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{240}^{9}\ \Phi_{80}^{7}\ \Phi_{48}^{9}\ \Phi_{30}^{5}\ \Phi_{16}^{8}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
65129	1134	1133	$\frac{71}{1133}$	$\frac{118}{1133}$	$\frac{145}{1133}$	$\frac{494}{1133}$	$\Phi_{1133}\ \Phi_{103}\ \Phi_{11}\ \Phi_{1}^{2}$
65130	1134	143	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{19}{143}$	$\frac{62}{143}$	$\Phi_{143}^{8}\ \Phi_{13}^{8}\ \Phi_{11}^{7}\ \Phi_{1}^{8}$
65131	1134	1270	$\frac{8}{127}$	$\frac{1}{10}$	$\frac{17}{127}$	$\frac{55}{127}$	$\Phi_{1270}\ \Phi_{635}\ \Phi_{254}$
65132	1134	1133	$\frac{34}{1133}$	$\frac{157}{1133}$	$\frac{215}{1133}$	$\frac{488}{1133}$	$\Phi_{1133}\ \Phi_{103}\ \Phi_{11}\ \Phi_{1}^{2}$
65133	1134	1516	$\frac{8}{379}$	$\frac{53}{379}$	$\frac{1}{4}$	$\frac{163}{379}$	$\Phi_{1516}\ \Phi_{758}$
65134	1134	426	$\frac{1}{71}$	$\frac{10}{71}$	$\frac{1}{3}$	$\frac{61}{142}$	$\Phi_{426}^{7}\ \Phi_{213}\ \Phi_{6}^{7}$
65135	1134	492	$\frac{1}{82}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{492}^{4}\ \Phi_{246}\ \Phi_{164}^{4}\ \Phi_{123}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}^{2}$
65136	1134	1932	$\frac{2}{161}$	$\frac{1}{6}$	$\frac{53}{161}$	$\frac{5}{12}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{276}\ \Phi_{161}\ \Phi_{92}\ \Phi_{84}\ \Phi_{28}\ \Phi_{23}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
65137	1134	660	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{660}\ \Phi_{330}^{2}\ \Phi_{220}^{2}\ \Phi_{165}^{2}\ \Phi_{132}\ \Phi_{110}^{3}\ \Phi_{66}^{2}\ \Phi_{60}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{30}^{3}\ \Phi_{22}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
65138	1134	1932	$\frac{5}{161}$	$\frac{26}{161}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{276}\ \Phi_{161}\ \Phi_{92}\ \Phi_{84}\ \Phi_{28}\ \Phi_{23}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
65139	1134	84	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{84}^{11}\ \Phi_{42}^{12}\ \Phi_{28}^{17}\ \Phi_{21}^{12}\ \Phi_{14}^{18}\ \Phi_{12}^{12}\ \Phi_{7}^{17}\ \Phi_{6}^{12}\ \Phi_{4}^{18}\ \Phi_{3}^{12}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
65140	1134	276	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{276}^{3}\ \Phi_{138}^{4}\ \Phi_{92}^{5}\ \Phi_{69}^{4}\ \Phi_{46}^{6}\ \Phi_{23}^{5}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
65141	1134	1932	$\frac{8}{161}$	$\frac{17}{161}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{276}\ \Phi_{161}\ \Phi_{92}\ \Phi_{84}\ \Phi_{28}\ \Phi_{23}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
65142	1134	1140	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1140}^{2}\ \Phi_{380}^{2}\ \Phi_{228}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}$
65143	1134	470	$\frac{1}{94}$	$\frac{1}{5}$	$\frac{31}{94}$	$\frac{2}{5}$	$\Phi_{470}^{2}\ \Phi_{235}^{2}\ \Phi_{94}^{4}\ \Phi_{47}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
65144	1134	410	$\frac{1}{82}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{410}^{3}\ \Phi_{205}^{3}\ \Phi_{82}^{2}\ \Phi_{41}^{2}\ \Phi_{10}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
65145	1134	320	$\frac{1}{64}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{80}^{3}\ \Phi_{64}^{6}\ \Phi_{40}^{3}\ \Phi_{32}^{6}\ \Phi_{20}^{2}\ \Phi_{16}^{6}\ \Phi_{10}^{2}\ \Phi_{8}^{6}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
65146	1134	235	$\frac{1}{47}$	$\frac{46}{235}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{235}^{5}\ \Phi_{47}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
65147	1134	470	$\frac{3}{94}$	$\frac{13}{94}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{470}^{2}\ \Phi_{235}^{2}\ \Phi_{94}^{4}\ \Phi_{47}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
65148	1134	280	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{280}^{4}\ \Phi_{140}^{3}\ \Phi_{70}^{3}\ \Phi_{56}^{8}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{6}\ \Phi_{20}^{2}\ \Phi_{14}^{6}\ \Phi_{10}^{2}\ \Phi_{8}^{6}\ \Phi_{7}^{6}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
65149	1134	235	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{235}^{4}\ \Phi_{47}^{8}\ \Phi_{5}^{5}\ \Phi_{1}^{10}$
65150	1134	110	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{110}^{11}\ \Phi_{55}^{11}\ \Phi_{22}^{10}\ \Phi_{11}^{10}\ \Phi_{10}^{5}\ \Phi_{5}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
65151	1134	103	$\frac{1}{103}$	$\frac{23}{103}$	$\frac{34}{103}$	$\frac{40}{103}$	$\Phi_{103}^{11}\ \Phi_{1}^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
65152	1134	103	$\frac{4}{103}$	$\frac{11}{103}$	$\frac{23}{103}$	$\frac{40}{103}$	$\Phi_{103}^{11}\ \Phi_{1}^{12}$
65153	1134	44	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{44}^{42}\ \Phi_{22}^{10}\ \Phi_{11}^{9}\ \Phi_{4}^{42}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
65154	1134	2128	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{37}{152}$	$\frac{115}{304}$	$\Phi_{2128}\ \Phi_{266}\ \Phi_{133}\ \Phi_{112}\ \Phi_{14}$
65155	1134	824	$\frac{1}{103}$	$\frac{51}{206}$	$\frac{257}{824}$	$\frac{155}{412}$	$\Phi_{824}^{2}\ \Phi_{206}^{2}\ \Phi_{103}\ \Phi_{8}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
65156	1134	1376	$\frac{1}{43}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1376}\ \Phi_{688}\ \Phi_{172}\ \Phi_{86}$
65157	1134	1216	$\frac{1}{64}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
65158	1134	602	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{602}^{3}\ \Phi_{301}\ \Phi_{86}^{3}$
65159	1134	1133	$\frac{27}{1133}$	$\frac{158}{1133}$	$\frac{325}{1133}$	$\frac{404}{1133}$	$\Phi_{1133}\ \Phi_{103}\ \Phi_{11}\ \Phi_{1}^{2}$
65160	1134	1133	$\frac{35}{1133}$	$\frac{122}{1133}$	$\frac{337}{1133}$	$\frac{398}{1133}$	$\Phi_{1133}\ \Phi_{103}\ \Phi_{11}\ \Phi_{1}^{2}$
65161	1134	1204	$\frac{1}{28}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{1204}\ \Phi_{602}\ \Phi_{301}\ \Phi_{172}\ \Phi_{86}$
65162	1134	110	$\frac{1}{22}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{110}^{11}\ \Phi_{55}^{10}\ \Phi_{22}^{10}\ \Phi_{11}^{9}\ \Phi_{10}^{11}\ \Phi_{5}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
65163	1134	608	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{608}^{3}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
65164	1134	1133	$\frac{50}{1133}$	$\frac{83}{1133}$	$\frac{361}{1133}$	$\frac{386}{1133}$	$\Phi_{1133}\ \Phi_{103}\ \Phi_{11}\ \Phi_{1}^{2}$
65165	1134	206	$\frac{4}{103}$	$\frac{17}{206}$	$\frac{33}{103}$	$\frac{35}{103}$	$\Phi_{206}^{6}\ \Phi_{103}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
65166	1134	286	$\frac{5}{143}$	$\frac{1}{11}$	$\frac{46}{143}$	$\frac{97}{286}$	$\Phi_{286}^{6}\ \Phi_{143}^{2}\ \Phi_{26}^{6}\ \Phi_{22}^{6}\ \Phi_{13}^{2}\ \Phi_{11}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
65167	1134	1133	$\frac{38}{1133}$	$\frac{107}{1133}$	$\frac{365}{1133}$	$\frac{384}{1133}$	$\Phi_{1133}\ \Phi_{103}\ \Phi_{11}\ \Phi_{1}^{2}$
65168	1134	1270	$\frac{4}{127}$	$\frac{1}{10}$	$\frac{41}{127}$	$\frac{43}{127}$	$\Phi_{1270}\ \Phi_{635}\ \Phi_{254}$
65169	1134	1304	$\frac{4}{163}$	$\frac{1}{8}$	$\frac{53}{163}$	$\frac{55}{163}$	$\Phi_{1304}\ \Phi_{652}\ \Phi_{326}$
65170	1134	1133	$\frac{14}{1133}$	$\frac{251}{1133}$	$\frac{373}{1133}$	$\frac{380}{1133}$	$\Phi_{1133}\ \Phi_{103}\ \Phi_{11}\ \Phi_{1}^{2}$
65171	1134	1516	$\frac{4}{379}$	$\frac{1}{4}$	$\frac{125}{379}$	$\frac{127}{379}$	$\Phi_{1516}\ \Phi_{758}$
65172	1134	852	$\frac{1}{142}$	$\frac{47}{142}$	$\frac{1}{3}$	$\frac{95}{284}$	$\Phi_{852}^{3}\ \Phi_{426}\ \Phi_{213}\ \Phi_{12}^{3}\ \Phi_{6}$
65173	1134	738	$\frac{1}{82}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{738}^{2}\ \Phi_{369}^{2}\ \Phi_{246}\ \Phi_{123}\ \Phi_{18}^{2}\ \Phi_{6}$
65174	1134	564	$\frac{1}{94}$	$\frac{1}{4}$	$\frac{31}{94}$	$\frac{1}{3}$	$\Phi_{564}^{4}\ \Phi_{282}^{2}\ \Phi_{141}^{2}\ \Phi_{12}^{5}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
65175	1134	1704	$\frac{7}{568}$	$\frac{127}{568}$	$\frac{187}{568}$	$\frac{1}{3}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{426}\ \Phi_{213}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
65176	1134	1449	$\frac{2}{161}$	$\frac{2}{9}$	$\frac{53}{161}$	$\frac{1}{3}$	$\Phi_{1449}\ \Phi_{207}\ \Phi_{161}\ \Phi_{63}\ \Phi_{23}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
65177	1134	120	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{13}{40}$	$\frac{1}{3}$	$\Phi_{120}^{14}\ \Phi_{60}^{14}\ \Phi_{30}^{14}\ \Phi_{24}^{15}\ \Phi_{15}^{14}\ \Phi_{12}^{15}\ \Phi_{6}^{15}\ \Phi_{3}^{14}$
65178	1134	930	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{10}{31}$	$\frac{1}{3}$	$\Phi_{930}^{2}\ \Phi_{465}^{2}\ \Phi_{186}^{2}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{6}^{3}$
65179	1134	1704	$\frac{19}{568}$	$\frac{55}{568}$	$\frac{183}{568}$	$\frac{1}{3}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{426}\ \Phi_{213}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
65180	1134	1704	$\frac{25}{568}$	$\frac{43}{568}$	$\frac{181}{568}$	$\frac{1}{3}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{426}\ \Phi_{213}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
65181	1134	858	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{858}^{2}\ \Phi_{429}^{2}\ \Phi_{78}^{2}\ \Phi_{66}^{3}\ \Phi_{33}^{3}\ \Phi_{6}^{3}$
65182	1134	420	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{5}\ \Phi_{60}^{4}\ \Phi_{42}^{5}\ \Phi_{30}^{2}\ \Phi_{21}^{5}\ \Phi_{15}^{2}\ \Phi_{12}^{5}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
65183	1134	1704	$\frac{19}{568}$	$\frac{61}{568}$	$\frac{169}{568}$	$\frac{1}{3}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{426}\ \Phi_{213}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
65184	1134	1704	$\frac{15}{568}$	$\frac{79}{568}$	$\frac{163}{568}$	$\frac{1}{3}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{426}\ \Phi_{213}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
65185	1134	192	$\frac{1}{64}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{192}^{9}\ \Phi_{96}^{9}\ \Phi_{48}^{9}\ \Phi_{24}^{9}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
65186	1134	2256	$\frac{3}{188}$	$\frac{185}{752}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
65187	1134	1980	$\frac{1}{55}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{396}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{110}\ \Phi_{90}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
65188	1134	2820	$\frac{1}{47}$	$\frac{46}{235}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}\ \Phi_{6}$
65189	1134	564	$\frac{3}{94}$	$\frac{13}{94}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{564}^{4}\ \Phi_{282}^{2}\ \Phi_{141}^{2}\ \Phi_{12}^{5}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
65190	1134	168	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^{12}\ \Phi_{84}^{9}\ \Phi_{42}^{9}\ \Phi_{24}^{9}\ \Phi_{21}^{9}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
65191	1134	564	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{564}^{4}\ \Phi_{282}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{5}$
65192	1134	660	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^{4}\ \Phi_{330}^{2}\ \Phi_{165}^{2}\ \Phi_{132}^{2}\ \Phi_{66}\ \Phi_{60}^{2}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
65193	1134	1449	$\frac{5}{161}$	$\frac{26}{161}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1449}\ \Phi_{207}\ \Phi_{161}\ \Phi_{63}\ \Phi_{23}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
65194	1134	252	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{63}^{5}\ \Phi_{36}^{6}\ \Phi_{28}^{6}\ \Phi_{18}^{6}\ \Phi_{14}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
65195	1134	828	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{828}^{2}\ \Phi_{414}^{2}\ \Phi_{207}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{36}^{2}\ \Phi_{23}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
65196	1134	1449	$\frac{8}{161}$	$\frac{17}{161}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1449}\ \Phi_{207}\ \Phi_{161}\ \Phi_{63}\ \Phi_{23}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
65197	1134	1710	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{342}\ \Phi_{190}\ \Phi_{95}\ \Phi_{38}$
65198	1134	2100	$\frac{1}{28}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{300}\ \Phi_{150}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
65199	1134	2040	$\frac{4}{85}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
65200	1134	600	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{19}{100}$	$\frac{1}{3}$	$\Phi_{600}^{4}\ \Phi_{300}^{3}\ \Phi_{150}^{3}\ \Phi_{75}^{3}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
65201	1134	600	$\frac{11}{200}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{600}^{3}\ \Phi_{300}^{3}\ \Phi_{150}^{3}\ \Phi_{120}^{2}\ \Phi_{75}^{3}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
65202	1134	96	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{1}{3}$	$\Phi_{96}^{21}\ \Phi_{48}^{14}\ \Phi_{24}^{15}\ \Phi_{12}^{15}\ \Phi_{6}^{15}\ \Phi_{3}^{14}$
65203	1134	930	$\frac{3}{31}$	$\frac{1}{10}$	$\frac{4}{31}$	$\frac{1}{3}$	$\Phi_{930}^{2}\ \Phi_{465}^{2}\ \Phi_{186}^{2}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{6}^{3}$
65204	1134	1704	$\frac{55}{568}$	$\frac{57}{568}$	$\frac{73}{568}$	$\frac{1}{3}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{426}\ \Phi_{213}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
65205	1134	264	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{264}^{7}\ \Phi_{132}^{7}\ \Phi_{66}^{7}\ \Phi_{33}^{7}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
65206	1134	1920	$\frac{7}{80}$	$\frac{73}{640}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
65207	1134	120	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{120}^{16}\ \Phi_{60}^{16}\ \Phi_{30}^{8}\ \Phi_{24}^{17}\ \Phi_{15}^{8}\ \Phi_{12}^{17}\ \Phi_{6}^{9}\ \Phi_{3}^{8}$
65208	1134	500	$\frac{2}{125}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{41}{125}$	$\Phi_{500}^{2}\ \Phi_{250}^{2}\ \Phi_{125}^{3}\ \Phi_{100}^{2}\ \Phi_{50}^{2}\ \Phi_{25}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
65209	1134	1133	$\frac{20}{1133}$	$\frac{254}{1133}$	$\frac{293}{1133}$	$\frac{371}{1133}$	$\Phi_{1133}\ \Phi_{103}\ \Phi_{11}\ \Phi_{1}^{2}$
65210	1134	1516	$\frac{7}{379}$	$\frac{85}{379}$	$\frac{1}{4}$	$\frac{124}{379}$	$\Phi_{1516}\ \Phi_{758}$
65211	1134	187	$\frac{4}{187}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{61}{187}$	$\Phi_{187}^{6}\ \Phi_{17}^{6}\ \Phi_{11}^{7}\ \Phi_{1}^{8}$
65212	1134	527	$\frac{1}{31}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{10}{31}$	$\Phi_{527}^{2}\ \Phi_{31}^{4}\ \Phi_{17}^{3}\ \Phi_{1}^{6}$
65213	1134	868	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{10}{31}$	$\Phi_{868}^{2}\ \Phi_{434}^{2}\ \Phi_{28}^{3}\ \Phi_{14}^{3}$
65214	1134	1133	$\frac{38}{1133}$	$\frac{128}{1133}$	$\frac{335}{1133}$	$\frac{365}{1133}$	$\Phi_{1133}\ \Phi_{103}\ \Phi_{11}\ \Phi_{1}^{2}$
65215	1134	1330	$\frac{7}{190}$	$\frac{1}{7}$	$\frac{43}{190}$	$\frac{61}{190}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{266}\ \Phi_{133}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
65216	1134	530	$\frac{2}{53}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{17}{53}$	$\Phi_{530}^{2}\ \Phi_{265}^{2}\ \Phi_{106}^{2}\ \Phi_{53}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
65217	1134	424	$\frac{2}{53}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{17}{53}$	$\Phi_{424}^{3}\ \Phi_{212}^{2}\ \Phi_{106}^{2}\ \Phi_{53}^{3}\ \Phi_{8}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
65218	1134	1325	$\frac{2}{53}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{17}{53}$	$\Phi_{1325}\ \Phi_{53}\ \Phi_{25}^{2}\ \Phi_{1}^{2}$
65219	1134	103	$\frac{4}{103}$	$\frac{10}{103}$	$\frac{31}{103}$	$\frac{33}{103}$	$\Phi_{103}^{11}\ \Phi_{1}^{12}$
65220	1134	1133	$\frac{47}{1133}$	$\frac{146}{1133}$	$\frac{257}{1133}$	$\frac{362}{1133}$	$\Phi_{1133}\ \Phi_{103}\ \Phi_{11}\ \Phi_{1}^{2}$
65221	1134	1516	$\frac{16}{379}$	$\frac{43}{379}$	$\frac{1}{4}$	$\frac{121}{379}$	$\Phi_{1516}\ \Phi_{758}$
65222	1134	1304	$\frac{7}{163}$	$\frac{1}{8}$	$\frac{37}{163}$	$\frac{52}{163}$	$\Phi_{1304}\ \Phi_{652}\ \Phi_{326}$
65223	1134	533	$\frac{2}{41}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{13}{41}$	$\Phi_{533}^{2}\ \Phi_{41}^{3}\ \Phi_{13}^{4}\ \Phi_{1}^{6}$
65224	1134	820	$\frac{2}{41}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{13}{41}$	$\Phi_{820}^{2}\ \Phi_{410}\ \Phi_{205}\ \Phi_{164}\ \Phi_{41}\ \Phi_{20}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
65225	1134	1133	$\frac{56}{1133}$	$\frac{86}{1133}$	$\frac{349}{1133}$	$\frac{359}{1133}$	$\Phi_{1133}\ \Phi_{103}\ \Phi_{11}\ \Phi_{1}^{2}$
65226	1134	1133	$\frac{56}{1133}$	$\frac{125}{1133}$	$\frac{258}{1133}$	$\frac{359}{1133}$	$\Phi_{1133}\ \Phi_{103}\ \Phi_{11}\ \Phi_{1}^{2}$
65227	1134	1516	$\frac{19}{379}$	$\frac{37}{379}$	$\frac{1}{4}$	$\frac{120}{379}$	$\Phi_{1516}\ \Phi_{758}$
65228	1134	532	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{13}{76}$	$\frac{6}{19}$	$\Phi_{532}^{3}\ \Phi_{266}^{3}\ \Phi_{133}\ \Phi_{28}^{3}\ \Phi_{14}^{3}$
65229	1134	1270	$\frac{7}{127}$	$\frac{1}{10}$	$\frac{29}{127}$	$\frac{40}{127}$	$\Phi_{1270}\ \Phi_{635}\ \Phi_{254}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
65230	1134	1133	$\frac{74}{1133}$	$\frac{97}{1133}$	$\frac{260}{1133}$	$\frac{353}{1133}$	$\Phi_{1133}\ \Phi_{103}\ \Phi_{11}\ \Phi_{1}^{2}$
65231	1134	1516	$\frac{25}{379}$	$\frac{29}{379}$	$\frac{1}{4}$	$\frac{118}{379}$	$\Phi_{1516}\ \Phi_{758}$
65232	1134	780	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{156}^{2}\ \Phi_{130}^{2}\ \Phi_{78}^{2}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}$
65233	1134	533	$\frac{1}{13}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{4}{13}$	$\Phi_{533}^{2}\ \Phi_{41}^{3}\ \Phi_{13}^{4}\ \Phi_{1}^{6}$
65234	1134	728	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{4}{13}$	$\Phi_{728}^{2}\ \Phi_{364}^{2}\ \Phi_{182}^{2}\ \Phi_{56}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}$
65235	1134	121	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{37}{121}$	$\Phi_{121}^{9}\ \Phi_{11}^{13}\ \Phi_{1}^{14}$
65236	1134	1230	$\frac{1}{15}$	$\frac{7}{82}$	$\frac{19}{82}$	$\frac{25}{82}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{410}\ \Phi_{246}\ \Phi_{205}\ \Phi_{123}\ \Phi_{30}\ \Phi_{10}\ \Phi_{6}$
65237	1134	1133	$\frac{107}{1133}$	$\frac{113}{1133}$	$\frac{170}{1133}$	$\frac{342}{1133}$	$\Phi_{1133}\ \Phi_{103}\ \Phi_{11}\ \Phi_{1}^{2}$
65238	1134	103	$\frac{10}{103}$	$\frac{12}{103}$	$\frac{13}{103}$	$\frac{31}{103}$	$\Phi_{103}^{11}\ \Phi_{1}^{12}$
65239	1134	1304	$\frac{16}{163}$	$\frac{19}{163}$	$\frac{1}{8}$	$\frac{49}{163}$	$\Phi_{1304}\ \Phi_{652}\ \Phi_{326}$
65240	1134	380	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{380}^{4}\ \Phi_{190}^{2}\ \Phi_{95}^{2}\ \Phi_{76}^{5}\ \Phi_{38}^{3}\ \Phi_{19}^{2}$
65241	1134	530	$\frac{5}{53}$	$\frac{1}{10}$	$\frac{8}{53}$	$\frac{3}{10}$	$\Phi_{530}^{2}\ \Phi_{265}^{2}\ \Phi_{106}^{2}\ \Phi_{53}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
65242	1134	70	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{10}$	$\Phi_{70}^{19}\ \Phi_{35}^{19}\ \Phi_{14}^{19}\ \Phi_{7}^{18}$
65243	1134	1133	$\frac{62}{1133}$	$\frac{119}{1133}$	$\frac{265}{1133}$	$\frac{338}{1133}$	$\Phi_{1133}\ \Phi_{103}\ \Phi_{11}\ \Phi_{1}^{2}$
65244	1134	1516	$\frac{19}{379}$	$\frac{40}{379}$	$\frac{1}{4}$	$\frac{113}{379}$	$\Phi_{1516}\ \Phi_{758}$
65245	1134	1216	$\frac{1}{19}$	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
65246	1134	220	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{31}{220}$	$\frac{13}{44}$	$\Phi_{220}^{6}\ \Phi_{110}^{6}\ \Phi_{55}^{6}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{20}^{6}\ \Phi_{11}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
65247	1134	748	$\frac{1}{22}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{748}^{2}\ \Phi_{374}\ \Phi_{187}\ \Phi_{68}\ \Phi_{44}^{4}\ \Phi_{22}^{2}\ \Phi_{17}\ \Phi_{11}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
65248	1134	527	$\frac{3}{31}$	$\frac{2}{17}$	$\frac{4}{31}$	$\frac{5}{17}$	$\Phi_{527}^{2}\ \Phi_{31}^{4}\ \Phi_{17}^{3}\ \Phi_{1}^{6}$
65249	1134	680	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{5}{17}$	$\Phi_{680}^{2}\ \Phi_{340}^{2}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{68}\ \Phi_{40}^{4}\ \Phi_{20}^{4}\ \Phi_{17}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
65250	1134	1133	$\frac{89}{1133}$	$\frac{137}{1133}$	$\frac{174}{1133}$	$\frac{332}{1133}$	$\Phi_{1133}\ \Phi_{103}\ \Phi_{11}\ \Phi_{1}^{2}$
65251	1134	1270	$\frac{1}{10}$	$\frac{15}{127}$	$\frac{16}{127}$	$\frac{37}{127}$	$\Phi_{1270}\ \Phi_{635}\ \Phi_{254}$
65252	1134	110	$\frac{1}{22}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{110}^{11}\ \Phi_{55}^{10}\ \Phi_{22}^{10}\ \Phi_{11}^{9}\ \Phi_{10}^{11}\ \Phi_{5}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
65253	1134	1133	$\frac{111}{1133}$	$\frac{134}{1133}$	$\frac{146}{1133}$	$\frac{329}{1133}$	$\Phi_{1133}\ \Phi_{103}\ \Phi_{11}\ \Phi_{1}^{2}$
65254	1134	266	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{7}$	$\frac{11}{38}$	$\Phi_{266}^{5}\ \Phi_{133}^{5}\ \Phi_{14}^{5}\ \Phi_{7}^{4}$
65255	1134	1133	$\frac{48}{1133}$	$\frac{155}{1133}$	$\frac{269}{1133}$	$\frac{326}{1133}$	$\Phi_{1133}\ \Phi_{103}\ \Phi_{11}\ \Phi_{1}^{2}$
65256	1134	1516	$\frac{15}{379}$	$\frac{52}{379}$	$\frac{1}{4}$	$\frac{109}{379}$	$\Phi_{1516}\ \Phi_{758}$
65257	1134	1133	$\frac{90}{1133}$	$\frac{149}{1133}$	$\frac{164}{1133}$	$\frac{323}{1133}$	$\Phi_{1133}\ \Phi_{103}\ \Phi_{11}\ \Phi_{1}^{2}$
65258	1134	88	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{13}{88}$	$\frac{25}{88}$	$\Phi_{88}^{12}\ \Phi_{44}^{14}\ \Phi_{22}^{14}\ \Phi_{11}^{13}\ \Phi_{8}^{12}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
65259	1134	1270	$\frac{1}{10}$	$\frac{13}{127}$	$\frac{19}{127}$	$\frac{36}{127}$	$\Phi_{1270}\ \Phi_{635}\ \Phi_{254}$
65260	1134	1133	$\frac{113}{1133}$	$\frac{116}{1133}$	$\frac{170}{1133}$	$\frac{321}{1133}$	$\Phi_{1133}\ \Phi_{103}\ \Phi_{11}\ \Phi_{1}^{2}$
65261	1134	1304	$\frac{13}{163}$	$\frac{1}{8}$	$\frac{25}{163}$	$\frac{46}{163}$	$\Phi_{1304}\ \Phi_{652}\ \Phi_{326}$
65262	1134	550	$\frac{1}{22}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{550}^{2}\ \Phi_{275}^{2}\ \Phi_{110}^{3}\ \Phi_{55}^{3}\ \Phi_{50}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{10}^{3}\ \Phi_{2}^{2}$
65263	1134	1133	$\frac{41}{1133}$	$\frac{182}{1133}$	$\frac{272}{1133}$	$\frac{317}{1133}$	$\Phi_{1133}\ \Phi_{103}\ \Phi_{11}\ \Phi_{1}^{2}$
65264	1134	1516	$\frac{13}{379}$	$\frac{61}{379}$	$\frac{1}{4}$	$\frac{106}{379}$	$\Phi_{1516}\ \Phi_{758}$
65265	1134	172	$\frac{1}{43}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{172}^{7}\ \Phi_{86}^{7}\ \Phi_{43}^{6}$
65266	1134	260	$\frac{2}{65}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{260}^{4}\ \Phi_{130}^{4}\ \Phi_{65}^{6}\ \Phi_{52}^{4}\ \Phi_{26}^{4}\ \Phi_{20}^{2}\ \Phi_{13}^{6}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
65267	1134	100	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{100}^{10}\ \Phi_{50}^{10}\ \Phi_{25}^{15}\ \Phi_{20}^{10}\ \Phi_{10}^{10}\ \Phi_{5}^{15}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{18}$
65268	1134	308	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{308}^{4}\ \Phi_{154}^{5}\ \Phi_{77}^{5}\ \Phi_{28}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
65269	1134	500	$\frac{6}{125}$	$\frac{17}{125}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{500}^2\ \Phi_{250}^2\ \Phi_{125}^3\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
65270	1134	152	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{152}^9\ \Phi_{76}^7\ \Phi_{38}^7\ \Phi_{19}^6$
65271	1134	500	$\frac{8}{125}$	$\frac{13}{125}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{500}^2\ \Phi_{250}^2\ \Phi_{125}^3\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
65272	1134	60	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{60}^{18}\ \Phi_{30}^{23}\ \Phi_{20}^{14}\ \Phi_{15}^{22}\ \Phi_{12}^{18}\ \Phi_{10}^{18}\ \Phi_6^{23}\ \Phi_5^{17}\ \Phi_4^{16}\ \Phi_3^{22}\ \Phi_2^{20}\ \Phi_1^{20}$
65273	1134	1520	$\frac{1}{19}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
65274	1134	1900	$\frac{1}{19}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{76}\ \Phi_{38}$
65275	1134	424	$\frac{5}{53}$	$\frac{1}{8}$	$\frac{8}{53}$	$\frac{1}{4}$	$\Phi_{424}^3\ \Phi_{212}^2\ \Phi_{106}^2\ \Phi_{53}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
65276	1134	1516	$\frac{37}{379}$	$\frac{46}{379}$	$\frac{57}{379}$	$\frac{1}{4}$	$\Phi_{1516}\ \Phi_{758}$
65277	1134	820	$\frac{1}{10}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{4}$	$\Phi_{820}^2\ \Phi_{410}\ \Phi_{205}\ \Phi_{164}\ \Phi_{41}\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
65278	1134	1516	$\frac{36}{379}$	$\frac{49}{379}$	$\frac{55}{379}$	$\frac{1}{4}$	$\Phi_{1516}\ \Phi_{758}$
65279	1134	868	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{868}^2\ \Phi_{434}^2\ \Phi_{28}^3\ \Phi_{14}^3$
65280	1134	280	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{280}^6\ \Phi_{140}^4\ \Phi_{70}^5\ \Phi_{56}^3\ \Phi_{35}^5\ \Phi_{28}^2\ \Phi_{14}^3\ \Phi_7^2$
65281	1134	220	$\frac{1}{11}$	$\frac{31}{220}$	$\frac{17}{110}$	$\frac{5}{22}$	$\Phi_{220}^6\ \Phi_{110}^4\ \Phi_{55}^4\ \Phi_{44}^6\ \Phi_{22}^6\ \Phi_{20}^6\ \Phi_{11}^5\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
65282	1134	704	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{137}{704}$	$\frac{39}{176}$	$\Phi_{704}^2\ \Phi_{352}^2\ \Phi_{64}^2\ \Phi_{44}^2\ \Phi_{32}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
65283	1134	560	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{17}{80}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{112}^3\ \Phi_{70}\ \Phi_{56}^3\ \Phi_{35}\ \Phi_{14}$
65284	1134	1325	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1325}\ \Phi_{53}\ \Phi_{25}^2\ \Phi_1^2$
65285	1134	350	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{350}^5\ \Phi_{175}^4\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
65286	1135	904	$\frac{1}{226}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{225}{452}$	$\Phi_{904}^2\ \Phi_{452}\ \Phi_8^3\ \Phi_4\ \Phi_1$
65287	1135	1944	$\frac{1}{162}$	$\frac{163}{972}$	$\frac{809}{1944}$	$\frac{161}{324}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
65288	1135	2256	$\frac{7}{1128}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1121}{2256}$	$\Phi_{2256}\ \Phi_{752}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
65289	1135	2016	$\frac{1}{126}$	$\frac{127}{1008}$	$\frac{881}{2016}$	$\frac{125}{252}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{96}\ \Phi_{84}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{12}\ \Phi_4\ \Phi_1$
65290	1135	1512	$\frac{1}{126}$	$\frac{377}{1512}$	$\frac{127}{504}$	$\frac{125}{252}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{54}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
65291	1135	450	$\frac{2}{225}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{223}{450}$	$\Phi_{450}^2\ \Phi_{225}^3\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}^3\ \Phi_{50}^2\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
65292	1135	912	$\frac{1}{76}$	$\frac{1}{6}$	$\frac{77}{304}$	$\frac{75}{152}$	$\Phi_{912}^2\ \Phi_{304}\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}\ \Phi_{57}^2\ \Phi_{48}^2\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
65293	1135	448	$\frac{3}{224}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{221}{448}$	$\Phi_{448}^5\ \Phi_{64}^5\ \Phi_{28}\ \Phi_4\ \Phi_1$
65294	1135	448	$\frac{3}{224}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{221}{448}$	$\Phi_{448}^5\ \Phi_{64}^5\ \Phi_7^2\ \Phi_1^3$
65295	1135	1344	$\frac{3}{224}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{221}{448}$	$\Phi_{1344}^2\ \Phi_{448}\ \Phi_{192}^2\ \Phi_{64}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
65296	1135	2232	$\frac{19}{1116}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{1097}{2232}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{248}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
65297	1135	432	$\frac{1}{54}$	$\frac{11}{216}$	$\frac{205}{432}$	$\frac{53}{108}$	$\Phi_{432}^5\ \Phi_{144}^5\ \Phi_{108}\ \Phi_{48}^5\ \Phi_{36}\ \Phi_{16}^5\ \Phi_{12}\ \Phi_4\ \Phi_1$
65298	1135	324	$\frac{1}{54}$	$\frac{11}{108}$	$\frac{97}{324}$	$\frac{53}{108}$	$\Phi_{324}^5\ \Phi_{162}^5\ \Phi_{108}\ \Phi_{81}^5\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
65299	1135	1296	$\frac{1}{54}$	$\frac{161}{1296}$	$\frac{55}{216}$	$\frac{53}{108}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{48}\ \Phi_{36}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
65300	1135	1368	$\frac{5}{228}$	$\frac{1}{6}$	$\frac{233}{1368}$	$\frac{223}{456}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}\ \Phi_{72}\ \Phi_{57}\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
65301	1135	444	$\frac{5}{222}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{217}{444}$	$\Phi_{444}^5\ \Phi_{148}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
65302	1135	2184	$\frac{1}{42}$	$\frac{43}{1092}$	$\frac{1049}{2184}$	$\frac{41}{84}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{168}\ \Phi_{104}\ \Phi_{84}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
65303	1135	432	$\frac{11}{216}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{205}{432}$	$\Phi_{432}^5\ \Phi_{144}^5\ \Phi_{72}\ \Phi_{48}^5\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}^5\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
65304	1135	432	$\frac{11}{216}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{205}{432}$	$\Phi_{432}^5\ \Phi_{144}^5\ \Phi_{48}^5\ \Phi_{27}^2\ \Phi_{16}^5\ \Phi_9^2\ \Phi_3^2\ \Phi_1^3$
65305	1135	432	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{205}{432}$	$\Phi_{432}^5\ \Phi_{144}^5\ \Phi_{48}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
65306	1135	336	$\frac{3}{112}$	$\frac{1}{14}$	$\frac{109}{336}$	$\frac{13}{28}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{84}^5\ \Phi_{48}^5\ \Phi_{42}^5\ \Phi_{28}\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{12}^5\ \Phi_6^5\ \Phi_4\ \Phi_3^5\ \Phi_1$
65307	1135	1176	$\frac{41}{1176}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{168}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{49}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
65308	1135	280	$\frac{3}{56}$	$\frac{1}{14}$	$\frac{53}{280}$	$\frac{13}{28}$	$\Phi_{280}^5\ \Phi_{140}^5\ \Phi_{70}^5\ \Phi_{40}^5\ \Phi_{35}^5\ \Phi_{28}\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^5\ \Phi_4\ \Phi_1$
65309	1135	1344	$\frac{15}{224}$	$\frac{1}{14}$	$\frac{209}{1344}$	$\frac{13}{28}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
65310	1135	1232	$\frac{1}{14}$	$\frac{97}{1232}$	$\frac{15}{112}$	$\frac{13}{28}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{176}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{11}\ \Phi_4\ \Phi_1$
65311	1135	252	$\frac{1}{14}$	$\frac{25}{252}$	$\frac{3}{28}$	$\frac{13}{28}$	$\Phi_{252}^5\ \Phi_{126}^5\ \Phi_{84}^5\ \Phi_{63}^5\ \Phi_{42}^5\ \Phi_{36}^5\ \Phi_{28}\ \Phi_{21}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^5\ \Phi_4\ \Phi_3^5\ \Phi_1$
65312	1135	420	$\frac{1}{21}$	$\frac{17}{210}$	$\frac{4}{21}$	$\frac{193}{420}$	$\Phi_{420}^5\ \Phi_{140}^5\ \Phi_{84}^5\ \Phi_{60}^5\ \Phi_{28}^5\ \Phi_{21}^4\ \Phi_{20}^5\ \Phi_{12}^5\ \Phi_7^4\ \Phi_4^5\ \Phi_3^4\ \Phi_1^5$
65313	1135	240	$\frac{13}{240}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{60}^5\ \Phi_{48}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{16}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
65314	1135	1254	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{1}{6}$	$\frac{191}{418}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{209}\ \Phi_{114}^2\ \Phi_{66}\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{33}\ \Phi_{19}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
65315	1135	1386	$\frac{1}{21}$	$\frac{20}{231}$	$\frac{251}{1386}$	$\frac{211}{462}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{231}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{33}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
65316	1135	2052	$\frac{5}{114}$	$\frac{109}{1026}$	$\frac{1}{6}$	$\frac{917}{2052}$	$\Phi_{2052}\ \Phi_{684}\ \Phi_{228}\ \Phi_{114}\ \Phi_{108}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{12}\ \Phi_4\ \Phi_1$
65317	1135	2016	$\frac{1}{42}$	$\frac{127}{1008}$	$\frac{41}{168}$	$\frac{881}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
65318	1135	2016	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{127}{1008}$	$\frac{881}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
65319	1135	231	$\frac{4}{231}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{231}^5\ \Phi_{77}^5\ \Phi_{33}^5\ \Phi_{21}^5\ \Phi_{11}^5\ \Phi_7^2\ \Phi_3^5\ \Phi_1^3$
65320	1135	1692	$\frac{7}{564}$	$\frac{1}{6}$	$\frac{557}{1692}$	$\frac{5}{12}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{423}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
65321	1135	1152	$\frac{17}{1152}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
65322	1135	1944	$\frac{1}{81}$	$\frac{163}{972}$	$\frac{80}{243}$	$\frac{809}{1944}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{243}\ \Phi_{216}\ \Phi_{72}\ \Phi_{24}\ \Phi_8\ \Phi_1$
65323	1135	243	$\frac{16}{243}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{243}^5\ \Phi_{81}^5\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^3$
65324	1135	252	$\frac{1}{21}$	$\frac{25}{252}$	$\frac{4}{21}$	$\frac{17}{42}$	$\Phi_{252}^5\ \Phi_{126}^5\ \Phi_{84}^5\ \Phi_{63}^5\ \Phi_{36}^5\ \Phi_{28}^5\ \Phi_{21}^4\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_7^4\ \Phi_4^5\ \Phi_3^4\ \Phi_1^5$
65325	1135	1140	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{37}{190}$	$\frac{153}{380}$	$\Phi_{1140}^2\ \Phi_{380}\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}\ \Phi_{60}^2\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
65326	1135	324	$\frac{1}{81}$	$\frac{16}{81}$	$\frac{97}{324}$	$\frac{65}{162}$	$\Phi_{324}^5\ \Phi_{108}^5\ \Phi_{81}^4\ \Phi_{36}^5\ \Phi_{27}^4\ \Phi_{12}^5\ \Phi_9^4\ \Phi_4^5\ \Phi_3^4\ \Phi_1^5$
65327	1135	1848	$\frac{1}{21}$	$\frac{20}{231}$	$\frac{211}{924}$	$\frac{713}{1848}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{33}\ \Phi_{24}\ \Phi_{11}\ \Phi_8\ \Phi_1$
65328	1135	1344	$\frac{1}{42}$	$\frac{209}{1344}$	$\frac{41}{168}$	$\frac{127}{336}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
65329	1135	1824	$\frac{5}{228}$	$\frac{1}{6}$	$\frac{223}{912}$	$\frac{689}{1824}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{12}\ \Phi_4\ \Phi_1$
65330	1135	2712	$\frac{1}{113}$	$\frac{1}{4}$	$\frac{112}{339}$	$\frac{3}{8}$	$\Phi_{2712}\ \Phi_{339}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
65331	1135	696	$\frac{5}{232}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{696}^2\ \Phi_{348}^2\ \Phi_{232}\ \Phi_{174}^2\ \Phi_{116}\ \Phi_{87}^2\ \Phi_{58}\ \Phi_{29}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
65332	1135	1764	$\frac{1}{42}$	$\frac{41}{294}$	$\frac{253}{882}$	$\frac{629}{1764}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{49}\ \Phi_{36}\ \Phi_{28}\ \Phi_{12}\ \Phi_4\ \Phi_1$
65333	1135	1728	$\frac{1}{18}$	$\frac{17}{288}$	$\frac{271}{864}$	$\frac{593}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
65334	1135	342	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{56}{171}$	$\frac{115}{342}$	$\Phi_{342}^2\ \Phi_{171}^3\ \Phi_{114}^5\ \Phi_{57}^5\ \Phi_{38}^5\ \Phi_{19}^5\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
65335	1135	1458	$\frac{1}{81}$	$\frac{323}{1458}$	$\frac{80}{243}$	$\frac{163}{486}$	$\Phi_{1458}\ \Phi_{729}\ \Phi_{243}\ \Phi_1$
65336	1135	300	$\frac{2}{75}$	$\frac{1}{6}$	$\frac{73}{300}$	$\frac{1}{3}$	$\Phi_{300}^5\ \Phi_{150}^2\ \Phi_{100}^5\ \Phi_{75}^3\ \Phi_{60}^5\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{20}^5\ \Phi_{15}^3\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^3\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
65337	1135	234	$\frac{7}{234}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{234}^5\ \Phi_{117}^5\ \Phi_{78}^5\ \Phi_{39}^5\ \Phi_{26}^5\ \Phi_{18}^2\ \Phi_{13}^5\ \Phi_9^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
65338	1135	270	$\frac{2}{45}$	$\frac{43}{270}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{270}^5\ \Phi_{135}^5\ \Phi_{90}^2\ \Phi_{54}^5\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{27}^5\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
65339	1135	240	$\frac{13}{240}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{60}^5\ \Phi_{48}^5\ \Phi_{40}^5\ \Phi_{30}^2\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{16}^5\ \Phi_{15}^3\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_8^5\ \Phi_6^4\ \Phi_5^3\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
65340	1135	336	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{109}{336}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{84}^5\ \Phi_{48}^5\ \Phi_{42}^5\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{12}^5\ \Phi_7^2\ \Phi_6^5\ \Phi_3^5\ \Phi_1^3$
65341	1135	336	$\frac{3}{112}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{109}{336}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^4\ \Phi_{84}^3\ \Phi_{56}^4\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^4\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_7^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
65342	1135	1368	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{233}{1368}$	$\frac{109}{342}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{72}\ \Phi_{57}\ \Phi_{38}\ \Phi_{36}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
65343	1135	252	$\frac{1}{12}$	$\frac{25}{252}$	$\frac{1}{6}$	$\frac{11}{36}$	$\Phi_{252}^5\ \Phi_{126}^5\ \Phi_{84}^5\ \Phi_{63}^5\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_7^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
65344	1135	324	$\frac{2}{27}$	$\frac{11}{108}$	$\frac{5}{27}$	$\frac{97}{324}$	$\Phi_{324}^5\ \Phi_{162}^5\ \Phi_{81}^5\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^3$
65345	1135	324	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{6}$	$\frac{97}{324}$	$\Phi_{324}^5\ \Phi_{162}^5\ \Phi_{81}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
65346	1135	238	$\frac{11}{238}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{238}^5\ \Phi_{119}^5\ \Phi_{34}^5\ \Phi_{17}^5\ \Phi_7^2\ \Phi_1^3$
65347	1135	280	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{53}{280}$	$\frac{2}{7}$	$\Phi_{280}^5\ \Phi_{140}^5\ \Phi_{70}^5\ \Phi_{40}^5\ \Phi_{35}^5\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_7^2\ \Phi_5^5\ \Phi_1^3$
65348	1135	252	$\frac{25}{252}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{252}^5\ \Phi_{126}^5\ \Phi_{84}^5\ \Phi_{63}^5\ \Phi_{42}^5\ \Phi_{36}^5\ \Phi_{21}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_7^2\ \Phi_6^5\ \Phi_3^5\ \Phi_1^3$
65349	1135	315	$\frac{1}{21}$	$\frac{17}{105}$	$\frac{4}{21}$	$\frac{88}{315}$	$\Phi_{315}^5\ \Phi_{63}^5\ \Phi_{45}^5\ \Phi_{21}^4\ \Phi_9^5\ \Phi_7^4\ \Phi_3^4\ \Phi_1^5$
65350	1135	1296	$\frac{1}{18}$	$\frac{161}{1296}$	$\frac{17}{72}$	$\frac{55}{216}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
65351	1135	1512	$\frac{1}{42}$	$\frac{41}{168}$	$\frac{377}{1512}$	$\frac{127}{504}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{56}\ \Phi_{54}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
65352	1135	840	$\frac{3}{56}$	$\frac{1}{6}$	$\frac{53}{280}$	$\frac{1}{4}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}\ \Phi_{210}^2\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
65353	1135	240	$\frac{13}{240}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{60}^5\ \Phi_{48}^3\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^3\ \Phi_{20}^5\ \Phi_{16}^4\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
65354	1135	768	$\frac{3}{32}$	$\frac{29}{256}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}\ \Phi_{192}^2\ \Phi_{128}\ \Phi_{64}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
65355	1135	252	$\frac{25}{252}$	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{252}^5\ \Phi_{126}^5\ \Phi_{84}^3\ \Phi_{63}^5\ \Phi_{42}^3\ \Phi_{36}^5\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{18}^5\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_9^5\ \Phi_7^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
65356	1135	288	$\frac{1}{18}$	$\frac{11}{72}$	$\frac{61}{288}$	$\frac{17}{72}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^5\ \Phi_{72}\ \Phi_{48}^5\ \Phi_{36}\ \Phi_{32}^5\ \Phi_{24}\ \Phi_{16}^5\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
65357	1135	288	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{6}$	$\frac{61}{288}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^5\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
65358	1135	270	$\frac{2}{27}$	$\frac{43}{270}$	$\frac{5}{27}$	$\frac{11}{54}$	$\Phi_{270}^5\ \Phi_{135}^5\ \Phi_{90}^5\ \Phi_{45}^5\ \Phi_{30}^5\ \Phi_{27}^2\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_9^2\ \Phi_5^5\ \Phi_3^2\ \Phi_1^3$
65359	1136	849	$\frac{1}{283}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{141}{283}$	$\Phi_{849}\ \Phi_{283}^2\ \Phi_3^2\ \Phi_1^4$
65360	1136	227	$\frac{1}{227}$	$\frac{57}{227}$	$\frac{85}{227}$	$\frac{113}{227}$	$\Phi_{227}^5\ \Phi_1^6$
65361	1136	1707	$\frac{3}{569}$	$\frac{143}{569}$	$\frac{1}{3}$	$\frac{283}{569}$	Φ_{1707}
65362	1136	565	$\frac{3}{565}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{281}{565}$	$\Phi_{565}^2\ \Phi_{113}^2\ \Phi_5^3\ \Phi_1^4$
65363	1136	987	$\frac{1}{141}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{70}{141}$	$\Phi_{987}\ \Phi_{329}\ \Phi_{141}^2\ \Phi_{47}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
65364	1136	705	$\frac{1}{141}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{70}{141}$	$\Phi_{705}^2\ \Phi_{235}^2\ \Phi_{15}^3\ \Phi_5^2$
65365	1136	1135	$\frac{9}{1135}$	$\frac{143}{1135}$	$\frac{496}{1135}$	$\frac{563}{1135}$	$\Phi_{1135}\ \Phi_{227}\ \Phi_5\ \Phi_1^2$
65366	1136	1125	$\frac{11}{1125}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{557}{1125}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{225}\ \Phi_{125}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}^2\ \Phi_9\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
65367	1136	95	$\frac{1}{95}$	$\frac{1}{5}$	$\frac{24}{95}$	$\frac{47}{95}$	$\Phi_{95}^{12}\ \Phi_{19}^{12}\ \Phi_5^{11}\ \Phi_1^{12}$
65368	1136	1135	$\frac{13}{1135}$	$\frac{212}{1135}$	$\frac{287}{1135}$	$\frac{561}{1135}$	$\Phi_{1135}\ \Phi_{227}\ \Phi_5\ \Phi_1^2$
65369	1136	1707	$\frac{7}{569}$	$\frac{72}{569}$	$\frac{1}{3}$	$\frac{281}{569}$	Φ_{1707}
65370	1136	420	$\frac{1}{70}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{69}{140}$	$\Phi_{420}^5\ \Phi_{140}^6\ \Phi_{84}^5\ \Phi_{60}^5\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_{15}\ \Phi_{12}^5\ \Phi_5\ \Phi_4^6\ \Phi_3\ \Phi_1^2$
65371	1136	1260	$\frac{1}{70}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{69}{140}$	$\Phi_{1260}^2\ \Phi_{420}\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{84}\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
65372	1136	140	$\frac{1}{70}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{69}{140}$	$\Phi_{140}^{16}\ \Phi_{28}^{16}\ \Phi_{20}^{16}\ \Phi_{5}^{3}\ \Phi_{4}^{16}\ \Phi_{1}^{4}$
65373	1136	855	$\frac{1}{57}$	$\frac{29}{171}$	$\frac{1}{5}$	$\frac{28}{57}$	$\Phi_{855}^{2}\ \Phi_{285}\ \Phi_{95}\ \Phi_{45}^{2}\ \Phi_{15}$
65374	1136	555	$\frac{13}{555}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{271}{555}$	$\Phi_{555}^{2}\ \Phi_{185}^{2}\ \Phi_{111}^{2}\ \Phi_{37}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
65375	1136	2346	$\frac{2}{69}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{2346}\ \Phi_{782}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
65376	1136	1632	$\frac{1}{24}$	$\frac{1}{17}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
65377	1136	136	$\frac{3}{68}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{136}^{16}\ \Phi_{68}\ \Phi_{34}\ \Phi_{8}^{16}$
65378	1136	135	$\frac{7}{135}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{64}{135}$	$\Phi_{135}^{8}\ \Phi_{45}^{8}\ \Phi_{27}^{8}\ \Phi_{15}^{12}\ \Phi_{9}^{8}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
65379	1136	380	$\frac{1}{19}$	$\frac{5}{76}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{380}^{4}\ \Phi_{190}^{4}\ \Phi_{95}^{3}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{2}$
65380	1136	105	$\frac{1}{35}$	$\frac{1}{15}$	$\frac{34}{105}$	$\frac{7}{15}$	$\Phi_{105}^{11}\ \Phi_{35}^{10}\ \Phi_{21}^{11}\ \Phi_{15}^{12}\ \Phi_{7}^{10}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
65381	1136	75	$\frac{4}{75}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{75}^{16}\ \Phi_{25}^{16}\ \Phi_{15}^{12}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
65382	1136	420	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{7}{15}$	$\Phi_{420}^{3}\ \Phi_{210}^{2}\ \Phi_{140}^{3}\ \Phi_{105}^{2}\ \Phi_{84}^{4}\ \Phi_{70}^{2}\ \Phi_{60}^{3}\ \Phi_{42}^{3}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{28}^{4}\ \Phi_{21}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{4}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
65383	1136	1155	$\frac{1}{15}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{77}^{2}\ \Phi_{55}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
65384	1136	240	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{7}{15}$	$\Phi_{240}^{5}\ \Phi_{120}^{5}\ \Phi_{80}^{6}\ \Phi_{60}^{5}\ \Phi_{48}^{5}\ \Phi_{40}^{6}\ \Phi_{24}^{5}\ \Phi_{20}^{6}\ \Phi_{16}^{6}\ \Phi_{15}\ \Phi_{12}^{5}\ \Phi_{8}^{6}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{3}\ \Phi_{1}^{2}$
65385	1136	665	$\frac{1}{19}$	$\frac{9}{133}$	$\frac{1}{5}$	$\frac{62}{133}$	$\Phi_{665}^{2}\ \Phi_{95}^{3}\ \Phi_{35}^{2}\ \Phi_{5}^{2}$
65386	1136	2244	$\frac{1}{17}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{2244}\ \Phi_{748}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
65387	1136	396	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{61}{132}$	$\Phi_{396}^{6}\ \Phi_{132}^{4}\ \Phi_{99}\ \Phi_{44}^{4}\ \Phi_{36}^{6}\ \Phi_{33}\ \Phi_{12}^{4}\ \Phi_{4}^{4}$
65388	1136	234	$\frac{1}{13}$	$\frac{7}{78}$	$\frac{1}{9}$	$\frac{6}{13}$	$\Phi_{234}^{6}\ \Phi_{117}^{5}\ \Phi_{78}^{4}\ \Phi_{39}^{3}\ \Phi_{26}^{4}\ \Phi_{18}^{6}\ \Phi_{13}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
65389	1136	1045	$\frac{4}{95}$	$\frac{91}{1045}$	$\frac{1}{5}$	$\frac{477}{1045}$	$\Phi_{1045}\ \Phi_{209}\ \Phi_{95}^{2}\ \Phi_{55}\ \Phi_{19}^{2}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
65390	1136	693	$\frac{6}{77}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{11}$	$\Phi_{693}^{2}\ \Phi_{231}^{2}\ \Phi_{99}\ \Phi_{63}^{2}\ \Phi_{33}\ \Phi_{21}^{2}$
65391	1136	1170	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{9}$	$\frac{59}{130}$	$\Phi_{1170}^{2}\ \Phi_{390}^{2}\ \Phi_{234}^{2}\ \Phi_{117}\ \Phi_{90}^{2}\ \Phi_{78}^{2}\ \Phi_{39}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}$
65392	1136	2176	$\frac{1}{17}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{2176}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
65393	1136	1360	$\frac{1}{17}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}$
65394	1136	2142	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{2142}\ \Phi_{714}\ \Phi_{306}\ \Phi_{238}\ \Phi_{153}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
65395	1136	504	$\frac{1}{72}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{168}^{2}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{72}^{4}\ \Phi_{63}^{2}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{4}\ \Phi_{28}^{2}\ \Phi_{24}^{4}\ \Phi_{21}\ \Phi_{18}^{4}\ \Phi_{14}^{2}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
65396	1136	658	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{23}{94}$	$\frac{3}{7}$	$\Phi_{658}^{2}\ \Phi_{329}\ \Phi_{94}^{4}\ \Phi_{47}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
65397	1136	1224	$\frac{1}{72}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
65398	1136	2040	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
65399	1136	475	$\frac{2}{95}$	$\frac{93}{475}$	$\frac{1}{5}$	$\frac{191}{475}$	$\Phi_{475}^{2}\ \Phi_{95}^{4}\ \Phi_{25}^{2}\ \Phi_{19}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
65400	1136	145	$\frac{3}{145}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{145}^{8}\ \Phi_{29}^{8}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
65401	1136	570	$\frac{1}{57}$	$\frac{1}{5}$	$\frac{14}{57}$	$\frac{43}{114}$	$\Phi_{570}^{4}\ \Phi_{285}\ \Phi_{190}^{4}\ \Phi_{95}\ \Phi_{30}^{4}\ \Phi_{15}\ \Phi_{10}^{4}$
65402	1136	1135	$\frac{11}{1135}$	$\frac{281}{1135}$	$\frac{354}{1135}$	$\frac{427}{1135}$	$\Phi_{1135}\ \Phi_{227}\ \Phi_{5}\ \Phi_{1}^{2}$
65403	1136	1707	$\frac{5}{569}$	$\frac{141}{569}$	$\frac{1}{3}$	$\frac{214}{569}$	Φ_{1707}
65404	1136	1836	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{1836}\ \Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
65405	1136	855	$\frac{4}{285}$	$\frac{1}{5}$	$\frac{281}{855}$	$\frac{287}{855}$	$\Phi_{855}\ \Phi_{285}^{2}\ \Phi_{171}\ \Phi_{95}^{2}\ \Phi_{57}^{2}\ \Phi_{45}\ \Phi_{19}^{2}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
65406	1136	429	$\frac{1}{143}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{429}^{3}\ \Phi_{143}^{2}\ \Phi_{39}^{3}\ \Phi_{33}^{3}\ \Phi_{13}^{2}\ \Phi_{11}^{2}$
65407	1136	849	$\frac{3}{283}$	$\frac{70}{283}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{849}\ \Phi_{283}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
65408	1136	360	$\frac{1}{72}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{4}\ \Phi_{90}^{4}\ \Phi_{60}^{4}\ \Phi_{45}^{4}\ \Phi_{40}^{4}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{2}$
65409	1136	2115	$\frac{2}{141}$	$\frac{1}{5}$	$\frac{139}{423}$	$\frac{1}{3}$	$\Phi_{2115}\ \Phi_{45}\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
65410	1136	315	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{34}{105}$	$\frac{1}{3}$	$\Phi_{315}^{4}\ \Phi_{105}^{3}\ \Phi_{63}^{4}\ \Phi_{45}^{4}\ \Phi_{35}^{2}\ \Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{9}^{6}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
65411	1136	1410	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{23}{94}$	$\frac{1}{3}$	$\Phi_{1410}^{2}\ \Phi_{705}\ \Phi_{30}^{2}\ \Phi_{15}^{2}$
65412	1136	225	$\frac{4}{75}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{225}^{6}\ \Phi_{75}^{4}\ \Phi_{45}^{4}\ \Phi_{25}^{4}\ \Phi_{15}^{3}\ \Phi_{9}^{6}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
65413	1136	252	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{84}$	$\frac{1}{3}$	$\Phi_{252}^{6}\ \Phi_{126}^{4}\ \Phi_{84}^{4}\ \Phi_{63}^{4}\ \Phi_{42}^{3}\ \Phi_{36}^{6}\ \Phi_{28}^{4}\ \Phi_{21}^{3}\ \Phi_{18}^{4}\ \Phi_{14}^{2}\ \Phi_{12}^{4}\ \Phi_{9}^{6}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
65414	1136	693	$\frac{6}{77}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{693}^{2}\ \Phi_{231}\ \Phi_{99}^{2}\ \Phi_{77}^{2}\ \Phi_{33}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
65415	1136	720	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{80}$	$\frac{1}{3}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}\ \Phi_{180}^{2}\ \Phi_{144}^{2}\ \Phi_{120}\ \Phi_{80}^{2}\ \Phi_{72}^{2}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
65416	1136	105	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{34}{105}$	$\Phi_{105}^{16}\ \Phi_{21}^{16}\ \Phi_{15}^{16}\ \Phi_{5}^{3}\ \Phi_{3}^{16}\ \Phi_{1}^{4}$
65417	1136	315	$\frac{1}{15}$	$\frac{31}{315}$	$\frac{1}{5}$	$\frac{14}{45}$	$\Phi_{315}^{4}\ \Phi_{105}^{4}\ \Phi_{63}^{4}\ \Phi_{35}^{4}\ \Phi_{21}^{4}\ \Phi_{15}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
65418	1136	495	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{23}{165}$	$\frac{10}{33}$	$\Phi_{495}^{3}\ \Phi_{165}^{2}\ \Phi_{99}\ \Phi_{55}^{2}\ \Phi_{45}^{3}\ \Phi_{33}\ \Phi_{15}^{2}\ \Phi_{5}^{2}$
65419	1136	405	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{5}$	$\frac{121}{405}$	$\Phi_{405}^{4}\ \Phi_{81}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
65420	1136	1995	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{1}{5}$	$\frac{115}{399}$	$\Phi_{1995}\ \Phi_{285}\ \Phi_{105}\ \Phi_{95}\ \Phi_{15}$
65421	1136	99	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{33}$	$\frac{28}{99}$	$\Phi_{99}^{11}\ \Phi_{33}^{13}\ \Phi_{11}^{12}\ \Phi_{9}^{10}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
65422	1136	585	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{12}{65}$	$\frac{53}{195}$	$\Phi_{585}^{2}\ \Phi_{195}\ \Phi_{117}^{3}\ \Phi_{65}^{2}\ \Phi_{45}^{2}\ \Phi_{39}^{2}\ \Phi_{15}\ \Phi_{13}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
65423	1136	585	$\frac{17}{585}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{585}^{2}\ \Phi_{195}^{2}\ \Phi_{117}^{2}\ \Phi_{65}^{2}\ \Phi_{45}\ \Phi_{39}^{2}\ \Phi_{15}^{2}\ \Phi_{13}^{2}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
65424	1136	375	$\frac{11}{375}$	$\frac{1}{5}$	$\frac{91}{375}$	$\frac{4}{15}$	$\Phi_{375}^{3}\ \Phi_{125}^{3}\ \Phi_{75}^{3}\ \Phi_{25}^{3}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
65425	1136	675	$\frac{11}{225}$	$\frac{107}{675}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{675}^{2}\ \Phi_{225}\ \Phi_{135}^{2}\ \Phi_{75}\ \Phi_{45}\ \Phi_{27}^{2}\ \Phi_{25}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
65426	1136	75	$\frac{4}{75}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{75}^{15}\ \Phi_{25}^{15}\ \Phi_{15}^{16}\ \Phi_{5}^{15}\ \Phi_{3}^{16}\ \Phi_{1}^{16}$
65427	1136	1632	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
65428	1136	792	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{17}{88}$	$\frac{5}{22}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{132}^{2}\ \Phi_{99}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{33}\ \Phi_{24}^{2}\ \Phi_{12}^{2}$
65429	1136	90	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{1}{5}$	$\frac{19}{90}$	$\Phi_{90}^{16}\ \Phi_{45}^{8}\ \Phi_{30}^{16}\ \Phi_{18}^{16}\ \Phi_{15}^{12}\ \Phi_{10}^{16}\ \Phi_{9}^{8}\ \Phi_{6}^{16}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{2}^{16}\ \Phi_{1}^{12}$
65430	1136	380	$\frac{5}{76}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{380}^{4}\ \Phi_{190}^{4}\ \Phi_{95}^{3}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{2}$
65431	1136	75	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{75}^{16}\ \Phi_{25}^{16}\ \Phi_{15}^{16}\ \Phi_{5}^{3}\ \Phi_{3}^{16}\ \Phi_{1}^{4}$
65432	1136	175	$\frac{2}{35}$	$\frac{33}{175}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{175}^{8}\ \Phi_{25}^{8}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
65433	1136	420	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{4}\ \Phi_{60}^{3}\ \Phi_{42}^{4}\ \Phi_{30}^{3}\ \Phi_{28}^{4}\ \Phi_{21}^{4}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
65434	1136	385	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{385}^{3}\ \Phi_{77}^{4}\ \Phi_{55}^{3}\ \Phi_{11}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
65435	1136	315	$\frac{31}{315}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{315}^{4}\ \Phi_{105}^{4}\ \Phi_{63}^{4}\ \Phi_{45}^{4}\ \Phi_{21}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
65436	1136	80	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{80}^{16}\ \Phi_{40}^{16}\ \Phi_{20}^{16}\ \Phi_{16}^{16}\ \Phi_{8}^{16}\ \Phi_{5}^{3}\ \Phi_{4}^{16}\ \Phi_{1}^{4}$
65437	1137	1520	$\frac{3}{380}$	$\frac{1}{4}$	$\frac{383}{1520}$	$\frac{377}{760}$	$\Phi_{1520}\ \Phi_{380}\ \Phi_{304}\ \Phi_{190}\ \Phi_{95}\ \Phi_{80}\ \Phi_{76}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
65438	1137	752	$\frac{3}{376}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{373}{752}$	$\Phi_{752}^{3}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
65439	1137	1500	$\frac{4}{375}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{371}{750}$	$\Phi_{1500}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}\ \Phi_{125}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
65440	1137	456	$\frac{1}{76}$	$\frac{77}{456}$	$\frac{1}{4}$	$\frac{75}{152}$	$\Phi_{456}^{3}\ \Phi_{228}^{3}\ \Phi_{114}^{3}\ \Phi_{76}^{3}\ \Phi_{57}^{3}\ \Phi_{38}^{3}\ \Phi_{24}^{3}\ \Phi_{19}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
65441	1137	2240	$\frac{17}{1120}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{1103}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
65442	1137	2240	$\frac{17}{1120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1103}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{64}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
65443	1137	740	$\frac{9}{370}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{361}{740}$	$\Phi_{740}\ \Phi_{370}^{2}\ \Phi_{185}^{2}\ \Phi_{148}\ \Phi_{74}^{2}\ \Phi_{37}^{2}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
65444	1137	736	$\frac{11}{368}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{357}{736}$	$\Phi_{736}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
65445	1137	512	$\frac{5}{128}$	$\frac{1}{16}$	$\frac{133}{512}$	$\frac{123}{256}$	$\Phi_{512}^{3}\ \Phi_{128}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
65446	1137	1216	$\frac{3}{76}$	$\frac{79}{1216}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{304}\ \Phi_{76}\ \Phi_{64}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{16}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
65447	1137	2176	$\frac{49}{1088}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1039}{2176}$	$\Phi_{2176}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
65448	1137	1444	$\frac{18}{361}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{343}{722}$	$\Phi_{1444}\ \Phi_{361}\ \Phi_{76}^2\ \Phi_{38}\ \Phi_{19}\ \Phi_4\ \Phi_1$
65449	1137	400	$\frac{1}{20}$	$\frac{21}{400}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{80}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
65450	1137	720	$\frac{1}{20}$	$\frac{19}{360}$	$\frac{1}{4}$	$\frac{341}{720}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{144}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
65451	1137	448	$\frac{1}{16}$	$\frac{17}{224}$	$\frac{69}{448}$	$\frac{15}{32}$	$\Phi_{448}^3\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{64}^3\ \Phi_{56}^2\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
65452	1137	1280	$\frac{1}{16}$	$\frac{17}{160}$	$\frac{143}{1280}$	$\frac{15}{32}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
65453	1137	416	$\frac{7}{104}$	$\frac{37}{416}$	$\frac{1}{8}$	$\frac{97}{208}$	$\Phi_{416}^3\ \Phi_{208}^2\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{32}^3\ \Phi_{26}^3\ \Phi_{16}^2\ \Phi_{13}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
65454	1137	2128	$\frac{3}{76}$	$\frac{73}{1064}$	$\frac{1}{4}$	$\frac{991}{2128}$	$\Phi_{2128}\ \Phi_{304}\ \Phi_{112}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
65455	1137	704	$\frac{1}{16}$	$\frac{27}{352}$	$\frac{5}{32}$	$\frac{325}{704}$	$\Phi_{704}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
65456	1137	704	$\frac{27}{352}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{325}{704}$	$\Phi_{704}^3\ \Phi_{88}\ \Phi_{64}^3\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
65457	1137	1232	$\frac{95}{1232}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{81}{176}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{112}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_1$
65458	1137	2080	$\frac{7}{104}$	$\frac{97}{1040}$	$\frac{1}{8}$	$\frac{943}{2080}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{160}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
65459	1137	684	$\frac{1}{38}$	$\frac{37}{342}$	$\frac{1}{4}$	$\frac{305}{684}$	$\Phi_{684}\ \Phi_{342}^2\ \Phi_{228}\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{76}^3\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{36}\ \Phi_{19}^3\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
65460	1137	2048	$\frac{1}{16}$	$\frac{113}{1024}$	$\frac{15}{128}$	$\frac{911}{2048}$	$\Phi_{2048}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
65461	1137	1280	$\frac{1}{16}$	$\frac{143}{1280}$	$\frac{15}{128}$	$\frac{113}{256}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
65462	1137	672	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{43}{336}$	$\frac{293}{672}$	$\Phi_{672}^3\ \Phi_{224}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
65463	1137	1160	$\frac{23}{1160}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{232}\ \Phi_{145}\ \Phi_{116}\ \Phi_{58}\ \Phi_{29}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
65464	1137	640	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{59}{320}$	$\frac{261}{640}$	$\Phi_{640}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
65465	1137	608	$\frac{1}{76}$	$\frac{75}{304}$	$\frac{1}{4}$	$\frac{229}{608}$	$\Phi_{608}^3\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{32}^3\ \Phi_{19}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
65466	1137	384	$\frac{5}{384}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
65467	1137	576	$\frac{5}{96}$	$\frac{1}{16}$	$\frac{91}{288}$	$\frac{197}{576}$	$\Phi_{576}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
65468	1137	1140	$\frac{1}{95}$	$\frac{1}{4}$	$\frac{94}{285}$	$\frac{191}{570}$	$\Phi_{1140}\ \Phi_{380}^2\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}^2\ \Phi_{60}\ \Phi_{57}\ \Phi_{38}\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
65469	1137	568	$\frac{1}{142}$	$\frac{47}{142}$	$\frac{189}{568}$	$\frac{95}{284}$	$\Phi_{568}^3\ \Phi_{142}^2\ \Phi_{71}^2\ \Phi_8^3\ \Phi_2^2\ \Phi_1^3$
65470	1137	564	$\frac{3}{188}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{185}{564}$	$\Phi_{564}^3\ \Phi_{282}^3\ \Phi_{141}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
65471	1137	456	$\frac{1}{38}$	$\frac{77}{456}$	$\frac{1}{4}$	$\frac{37}{114}$	$\Phi_{456}^3\ \Phi_{228}\ \Phi_{152}^3\ \Phi_{114}^2\ \Phi_{76}^3\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{24}^3\ \Phi_{19}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
65472	1137	560	$\frac{17}{560}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{181}{560}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_7^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
65473	1137	420	$\frac{1}{20}$	$\frac{41}{420}$	$\frac{1}{4}$	$\frac{19}{60}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^3\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_7^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
65474	1137	440	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{61}{440}$	$\frac{27}{88}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{88}\ \Phi_{55}^3\ \Phi_{44}\ \Phi_{40}^3\ \Phi_{22}\ \Phi_{20}^3\ \Phi_{11}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1$
65475	1137	540	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{1}{4}$	$\frac{161}{540}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
65476	1137	532	$\frac{3}{76}$	$\frac{73}{532}$	$\frac{1}{4}$	$\frac{153}{532}$	$\Phi_{532}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{28}^2\ \Phi_{19}^3\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
65477	1137	528	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{27}{176}$	$\frac{149}{528}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{132}^3\ \Phi_{88}\ \Phi_{66}^3\ \Phi_{48}^3\ \Phi_{44}\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}\ \Phi_{12}^3\ \Phi_{11}\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
65478	1137	520	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{97}{520}$	$\frac{141}{520}$	$\Phi_{520}^2\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{104}^3\ \Phi_{65}^2\ \Phi_{52}^3\ \Phi_{40}^2\ \Phi_{26}^3\ \Phi_{20}^2\ \Phi_{13}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
65479	1137	780	$\frac{11}{390}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{780}^2\ \Phi_{390}\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
65480	1137	512	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{113}{512}$	$\frac{133}{512}$	$\Phi_{512}^2\ \Phi_{256}^2\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
65481	1137	500	$\frac{4}{125}$	$\frac{1}{5}$	$\frac{121}{500}$	$\frac{1}{4}$	$\Phi_{500}^2\ \Phi_{250}^2\ \Phi_{125}^3\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
65482	1137	400	$\frac{21}{400}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{80}^2\ \Phi_{50}^3\ \Phi_{40}^2\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
65483	1137	480	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{101}{480}$	$\frac{1}{4}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
65484	1137	400	$\frac{21}{400}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^2\ \Phi_{80}^3\ \Phi_{50}^2\ \Phi_{40}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
65485	1137	900	$\frac{4}{75}$	$\frac{71}{450}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{900}^2\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}^2\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
65486	1137	1400	$\frac{17}{280}$	$\frac{3}{20}$	$\frac{263}{1400}$	$\frac{1}{4}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{200}\ \Phi_{175}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
65487	1137	420	$\frac{41}{420}$	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^2\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
65488	1137	1280	$\frac{17}{160}$	$\frac{143}{1280}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
65489	1137	1408	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{271}{1408}$	$\frac{81}{352}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{128}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
65490	1138	1134	$\frac{2}{567}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{565}{1134}$	$\Phi_{1134}^2\ \Phi_{378}^2\ \Phi_{162}^2\ \Phi_{126}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
65491	1138	2280	$\frac{1}{190}$	$\frac{191}{760}$	$\frac{1}{3}$	$\frac{189}{380}$	$\Phi_{2280}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{120}\ \Phi_{114}\ \Phi_{57}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
65492	1138	3390	$\frac{4}{565}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{561}{1130}$	$\Phi_{3390}\ \Phi_{678}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
65493	1138	684	$\frac{1}{114}$	$\frac{115}{684}$	$\frac{1}{3}$	$\frac{113}{228}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{36}^2\ \Phi_{19}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
65494	1138	1128	$\frac{5}{564}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{559}{1128}$	$\Phi_{1128}^2\ \Phi_{376}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
65495	1138	1125	$\frac{13}{1125}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{556}{1125}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{225}\ \Phi_{125}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
65496	1138	3360	$\frac{9}{560}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{551}{1120}$	$\Phi_{3360}\ \Phi_{672}\ \Phi_{480}\ \Phi_{96}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
65497	1138	1110	$\frac{14}{555}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{541}{1110}$	$\Phi_{1110}^2\ \Phi_{370}^2\ \Phi_{222}^2\ \Phi_{74}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
65498	1138	1824	$\frac{1}{38}$	$\frac{39}{608}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{456}\ \Phi_{114}\ \Phi_{96}\ \Phi_{57}\ \Phi_{48}\ \Phi_{24}\ \Phi_6$
65499	1138	3306	$\frac{18}{551}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{533}{1102}$	$\Phi_{3306}\ \Phi_{174}\ \Phi_{114}\ \Phi_{57}\ \Phi_6$
65500	1138	600	$\frac{1}{30}$	$\frac{31}{600}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
65501	1138	1083	$\frac{2}{57}$	$\frac{55}{1083}$	$\frac{1}{3}$	$\frac{514}{1083}$	$\Phi_{1083}\ \Phi_{361}\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_3\ \Phi_1^2$
65502	1138	1080	$\frac{1}{30}$	$\frac{29}{540}$	$\frac{1}{3}$	$\frac{511}{1080}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
65503	1138	3192	$\frac{1}{38}$	$\frac{37}{532}$	$\frac{1}{3}$	$\frac{495}{1064}$	$\Phi_{3192}\ \Phi_{456}\ \Phi_{168}\ \Phi_{114}\ \Phi_{57}\ \Phi_{24}\ \Phi_6$
65504	1138	1740	$\frac{11}{580}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
65505	1138	1026	$\frac{1}{57}$	$\frac{56}{513}$	$\frac{1}{3}$	$\frac{457}{1026}$	$\Phi_{1026}^2\ \Phi_{342}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{54}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
65506	1138	576	$\frac{7}{576}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
65507	1138	2850	$\frac{1}{95}$	$\frac{94}{475}$	$\frac{1}{3}$	$\frac{381}{950}$	$\Phi_{2850}\ \Phi_{570}\ \Phi_{285}\ \Phi_{150}\ \Phi_{114}\ \Phi_{57}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
65508	1138	912	$\frac{1}{114}$	$\frac{113}{456}$	$\frac{1}{3}$	$\frac{343}{912}$	$\Phi_{912}^2\ \Phi_{304}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{48}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{16}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
65509	1138	855	$\frac{2}{285}$	$\frac{283}{855}$	$\frac{1}{3}$	$\frac{286}{855}$	$\Phi_{855}\ \Phi_{285}^2\ \Phi_{171}\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{45}\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
65510	1138	756	$\frac{2}{189}$	$\frac{187}{756}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
65511	1138	576	$\frac{7}{576}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
65512	1138	648	$\frac{2}{81}$	$\frac{79}{648}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
65513	1138	630	$\frac{2}{63}$	$\frac{61}{630}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
65514	1138	588	$\frac{19}{588}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{84}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
65515	1138	594	$\frac{25}{594}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
65516	1138	684	$\frac{1}{57}$	$\frac{115}{684}$	$\frac{56}{171}$	$\frac{1}{3}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{36}^2\ \Phi_{19}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
65517	1138	846	$\frac{5}{282}$	$\frac{1}{6}$	$\frac{277}{846}$	$\frac{1}{3}$	$\Phi_{846}^2\ \Phi_{423}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
65518	1138	840	$\frac{9}{280}$	$\frac{1}{10}$	$\frac{271}{840}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
65519	1138	630	$\frac{1}{30}$	$\frac{61}{630}$	$\frac{29}{90}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
65520	1138	810	$\frac{1}{30}$	$\frac{29}{270}$	$\frac{241}{810}$	$\frac{1}{3}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
65521	1138	585	$\frac{16}{585}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{117}^2\ \Phi_{65}^2\ \Phi_{45}\ \Phi_{39}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
65522	1138	798	$\frac{1}{38}$	$\frac{37}{266}$	$\frac{229}{798}$	$\frac{1}{3}$	$\Phi_{798}\ \Phi_{399}\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{42}\ \Phi_{38}^2\ \Phi_{21}\ \Phi_{19}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
65523	1138	750	$\frac{13}{375}$	$\frac{2}{15}$	$\frac{181}{750}$	$\frac{1}{3}$	$\Phi_{750}^2\ \Phi_{375}\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{125}\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
65524	1138	600	$\frac{31}{600}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
65525	1138	720	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{151}{720}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
65526	1138	2100	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{131}{700}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
65527	1138	600	$\frac{31}{600}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
65528	1138	675	$\frac{13}{225}$	$\frac{2}{15}$	$\frac{106}{675}$	$\frac{1}{3}$	$\Phi_{675}^2\ \Phi_{225}\ \Phi_{135}^2\ \Phi_{75}\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
65529	1138	630	$\frac{61}{630}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
65530	1138	1920	$\frac{1}{10}$	$\frac{71}{640}$	$\frac{9}{80}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
65531	1139	1056	$\frac{1}{66}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{65}{132}$	$\Phi_{1056}^2\ \Phi_{352}^2\ \Phi_{132}\ \Phi_{96}^2\ \Phi_{44}\ \Phi_{32}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
65532	1139	264	$\frac{1}{66}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{65}{132}$	$\Phi_{264}^4\ \Phi_{132}^5\ \Phi_{88}^4\ \Phi_{66}^4\ \Phi_{44}^5\ \Phi_{33}^4\ \Phi_{24}^5\ \Phi_{22}^4\ \Phi_{12}^6\ \Phi_{11}^4\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
65533	1139	660	$\frac{1}{66}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{65}{132}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}\ \Phi_{110}^2\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
65534	1139	1152	$\frac{3}{64}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{1152}^2\ \Phi_{384}^2\ \Phi_{128}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
65535	1139	2208	$\frac{2}{69}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{69}\ \Phi_{32}\ \Phi_{23}\ \Phi_1$
65536	1139	3168	$\frac{1}{33}$	$\frac{1}{16}$	$\frac{32}{99}$	$\frac{15}{32}$	$\Phi_{3168}\ \Phi_{288}\ \Phi_{99}\ \Phi_{32}\ \Phi_9\ \Phi_1$
65537	1139	352	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{21}{88}$	$\frac{15}{32}$	$\Phi_{352}^6\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}^7\ \Phi_8\ \Phi_4\ \Phi_1$
65538	1139	288	$\frac{1}{16}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{288}^8\ \Phi_{96}^6\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}^7\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
65539	1139	2464	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{15}{32}$	$\Phi_{2464}\ \Phi_{224}\ \Phi_{77}\ \Phi_{32}\ \Phi_7\ \Phi_1$
65540	1139	1020	$\frac{1}{68}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}^2\ \Phi_{170}\ \Phi_{102}^2\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
65541	1139	408	$\frac{1}{68}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{408}^4\ \Phi_{204}^2\ \Phi_{136}^4\ \Phi_{102}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{24}^3\ \Phi_{17}\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
65542	1139	72	$\frac{1}{18}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^{15}\ \Phi_{36}^{17}\ \Phi_{24}^{15}\ \Phi_{18}^{16}\ \Phi_{12}^{17}\ \Phi_9^{16}\ \Phi_8^{16}\ \Phi_6^{16}\ \Phi_4^{17}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{17}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
65543	1139	306	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{306}^4\ \Phi_{153}^4\ \Phi_{102}^3\ \Phi_{51}^4\ \Phi_{34}^3\ \Phi_{18}^3\ \Phi_{17}^3\ \Phi_{9}^3\ \Phi_{6}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
65544	1139	552	$\frac{2}{69}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{184}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{24}\ \Phi_{23}^3\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
65545	1139	1380	$\frac{2}{69}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{230}\ \Phi_{115}\ \Phi_{69}\ \Phi_{23}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
65546	1139	792	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{32}{99}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{99}^3\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{9}^3\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
65547	1139	1980	$\frac{1}{33}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{32}{99}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{180}\ \Phi_{99}\ \Phi_{90}\ \Phi_{45}\ \Phi_{20}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
65548	1139	288	$\frac{1}{18}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{288}^4\ \Phi_{144}^4\ \Phi_{96}^3\ \Phi_{72}^4\ \Phi_{48}^3\ \Phi_{36}^6\ \Phi_{32}^4\ \Phi_{24}^3\ \Phi_{18}^5\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_{9}^5\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
65549	1139	264	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{21}{88}$	$\frac{7}{24}$	$\Phi_{264}^6\ \Phi_{132}^6\ \Phi_{88}\ \Phi_{66}^6\ \Phi_{44}\ \Phi_{33}^6\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_{8}\ \Phi_{6}^7\ \Phi_{4}\ \Phi_{3}^7\ \Phi_{1}$
65550	1139	72	$\frac{5}{72}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{72}^{17}\ \Phi_{36}^{17}\ \Phi_{24}^{14}\ \Phi_{18}^{17}\ \Phi_{12}^{14}\ \Phi_{9}^{17}\ \Phi_{8}^{13}\ \Phi_{6}^{13}\ \Phi_{4}^{13}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
65551	1139	1848	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{10}{77}$	$\frac{7}{24}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{231}\ \Phi_{168}\ \Phi_{84}\ \Phi_{77}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
65552	1139	440	$\frac{1}{22}$	$\frac{3}{20}$	$\frac{21}{88}$	$\frac{1}{4}$	$\Phi_{440}^4\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{88}\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{40}^4\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_{8}\ \Phi_{5}^3\ \Phi_{4}\ \Phi_{1}$
65553	1139	720	$\frac{1}{18}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
65554	1139	360	$\frac{5}{72}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^3\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}^3\ \Phi_{4}\ \Phi_{1}$
65555	1139	1540	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{140}\ \Phi_{77}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
65556	1140	1704	$\frac{1}{284}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{283}{568}$	$\Phi_{1704}\ \Phi_{568}^2\ \Phi_{24}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
65557	1140	1816	$\frac{1}{227}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{113}{227}$	$\Phi_{1816}\ \Phi_{227}\ \Phi_{8}^2\ \Phi_{1}^2$
65558	1140	945	$\frac{1}{189}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{94}{189}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}^2\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
65559	1140	756	$\frac{1}{189}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{94}{189}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
65560	1140	1139	$\frac{7}{1139}$	$\frac{191}{1139}$	$\frac{474}{1139}$	$\frac{566}{1139}$	$\Phi_{1139}\ \Phi_{67}\ \Phi_{17}\ \Phi_{1}^2$
65561	1140	508	$\frac{1}{127}$	$\frac{1}{4}$	$\frac{32}{127}$	$\frac{63}{127}$	$\Phi_{508}^3\ \Phi_{254}^3\ \Phi_{4}^2\ \Phi_{2}^2$
65562	1140	1139	$\frac{9}{1139}$	$\frac{284}{1139}$	$\frac{287}{1139}$	$\frac{565}{1139}$	$\Phi_{1139}\ \Phi_{67}\ \Phi_{17}\ \Phi_{1}^2$
65563	1140	1713	$\frac{5}{571}$	$\frac{96}{571}$	$\frac{1}{3}$	$\frac{283}{571}$	Φ_{1713}
65564	1140	1017	$\frac{1}{113}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{56}{113}$	$\Phi_{1017}\ \Phi_{339}\ \Phi_{113}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
65565	1140	678	$\frac{1}{113}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{56}{113}$	$\Phi_{678}^2\ \Phi_{339}\ \Phi_{226}^2\ \Phi_{113}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
65566	1140	1139	$\frac{11}{1139}$	$\frac{115}{1139}$	$\frac{512}{1139}$	$\frac{564}{1139}$	$\Phi_{1139}\ \Phi_{67}\ \Phi_{17}\ \Phi_{1}^2$
65567	1140	2068	$\frac{1}{94}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{93}{188}$	$\Phi_{2068}\ \Phi_{188}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_{4}^2\ \Phi_{1}^2$
65568	1140	3948	$\frac{1}{94}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{93}{188}$	$\Phi_{3948}\ \Phi_{84}\ \Phi_{21}$
65569	1140	2068	$\frac{1}{94}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{93}{188}$	$\Phi_{2068}\ \Phi_{188}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_{4}^2\ \Phi_{1}^2$
65570	1140	940	$\frac{1}{94}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{93}{188}$	$\Phi_{940}\ \Phi_{470}^2\ \Phi_{235}^2\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_{5}^2$
65571	1140	1374	$\frac{3}{229}$	$\frac{1}{6}$	$\frac{58}{229}$	$\frac{113}{229}$	$\Phi_{1374}\ \Phi_{687}\ \Phi_{458}$
65572	1140	2100	$\frac{1}{75}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{37}{75}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{28}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
65573	1140	525	$\frac{1}{75}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{37}{75}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}^2\ \Phi_{75}^3\ \Phi_{35}^2\ \Phi_{25}^3\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_{7}^4\ \Phi_{5}^3\ \Phi_{3}^3\ \Phi_{1}^6$
65574	1140	300	$\frac{1}{75}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{37}{75}$	$\Phi_{300}^5\ \Phi_{150}^2\ \Phi_{100}^5\ \Phi_{75}^3\ \Phi_{60}^5\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{20}^5\ \Phi_{15}^3\ \Phi_{12}^7\ \Phi_{10}^2\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{4}^6\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
65575	1140	536	$\frac{1}{67}$	$\frac{17}{268}$	$\frac{251}{536}$	$\frac{33}{67}$	$\Phi_{536}^4\ \Phi_{67}\ \Phi_{8}^4\ \Phi_{1}^2$
65576	1140	134	$\frac{1}{67}$	$\frac{17}{134}$	$\frac{39}{134}$	$\frac{33}{67}$	$\Phi_{134}^8\ \Phi_{67}^9\ \Phi_{2}^8\ \Phi_{1}^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
65577	1140	67	$\frac{1}{67}$	$\frac{10}{67}$	$\frac{17}{67}$	$\frac{33}{67}$	$\Phi_{67}^{17}\ \Phi_{1}^{18}$
65578	1140	1713	$\frac{9}{571}$	$\frac{58}{571}$	$\frac{1}{3}$	$\frac{281}{571}$	Φ_{1713}
65579	1140	187	$\frac{3}{187}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{92}{187}$	$\Phi_{187}^{6}\ \Phi_{17}^{7}\ \Phi_{11}^{6}\ \Phi_{1}^{8}$
65580	1140	187	$\frac{3}{187}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{92}{187}$	$\Phi_{187}^{6}\ \Phi_{17}^{7}\ \Phi_{11}^{6}\ \Phi_{1}^{8}$
65581	1140	2124	$\frac{1}{59}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{29}{59}$	$\Phi_{2124}\ \Phi_{708}\ \Phi_{236}\ \Phi_{59}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
65582	1140	1239	$\frac{1}{59}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{29}{59}$	$\Phi_{1239}\ \Phi_{413}\ \Phi_{59}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
65583	1140	1593	$\frac{1}{59}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{29}{59}$	$\Phi_{1593}\ \Phi_{59}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$
65584	1140	1416	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{29}{59}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{472}\ \Phi_{236}\ \Phi_{59}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
65585	1140	2128	$\frac{1}{56}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{55}{112}$	$\Phi_{2128}\ \Phi_{304}\ \Phi_{112}^{2}\ \Phi_{19}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
65586	1140	3696	$\frac{1}{56}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{55}{112}$	$\Phi_{3696}\ \Phi_{528}\ \Phi_{33}$
65587	1140	2128	$\frac{1}{56}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{55}{112}$	$\Phi_{2128}\ \Phi_{304}\ \Phi_{112}^{2}\ \Phi_{19}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
65588	1140	1680	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{55}{112}$	$\Phi_{1680}^{2}\ \Phi_{560}\ \Phi_{240}^{2}\ \Phi_{80}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
65589	1140	1139	$\frac{21}{1139}$	$\frac{116}{1139}$	$\frac{341}{1139}$	$\frac{559}{1139}$	$\Phi_{1139}\ \Phi_{67}\ \Phi_{17}\ \Phi_{1}^{2}$
65590	1140	2418	$\frac{2}{93}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{91}{186}$	$\Phi_{2418}\ \Phi_{806}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
65591	1140	1374	$\frac{5}{229}$	$\frac{1}{6}$	$\frac{39}{229}$	$\frac{112}{229}$	$\Phi_{1374}\ \Phi_{687}\ \Phi_{458}$
65592	1140	1139	$\frac{25}{1139}$	$\frac{189}{1139}$	$\frac{194}{1139}$	$\frac{557}{1139}$	$\Phi_{1139}\ \Phi_{67}\ \Phi_{17}\ \Phi_{1}^{2}$
65593	1140	508	$\frac{3}{127}$	$\frac{13}{127}$	$\frac{1}{4}$	$\frac{62}{127}$	$\Phi_{508}^{3}\ \Phi_{254}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
65594	1140	1073	$\frac{1}{37}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{18}{37}$	$\Phi_{1073}\ \Phi_{37}^{2}\ \Phi_{29}^{2}\ \Phi_{1}^{4}$
65595	1140	1776	$\frac{1}{37}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{444}\ \Phi_{222}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
65596	1140	1073	$\frac{1}{37}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{18}{37}$	$\Phi_{1073}\ \Phi_{37}^{2}\ \Phi_{29}^{2}\ \Phi_{1}^{4}$
65597	1140	1628	$\frac{1}{37}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{18}{37}$	$\Phi_{1628}\ \Phi_{814}\ \Phi_{44}^{2}\ \Phi_{22}^{2}$
65598	1140	1073	$\frac{1}{37}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{18}{37}$	$\Phi_{1073}\ \Phi_{37}^{2}\ \Phi_{29}^{2}\ \Phi_{1}^{4}$
65599	1140	1554	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{18}{37}$	$\Phi_{1554}\ \Phi_{777}\ \Phi_{518}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}$
65600	1140	1139	$\frac{31}{1139}$	$\frac{39}{1139}$	$\frac{550}{1139}$	$\frac{554}{1139}$	$\Phi_{1139}\ \Phi_{67}\ \Phi_{17}\ \Phi_{1}^{2}$
65601	1140	1664	$\frac{1}{32}$	$\frac{1}{13}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{1664}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
65602	1140	221	$\frac{7}{221}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{107}{221}$	$\Phi_{221}^{5}\ \Phi_{17}^{7}\ \Phi_{13}^{5}\ \Phi_{1}^{8}$
65603	1140	2392	$\frac{3}{92}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{89}{184}$	$\Phi_{2392}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
65604	1140	1740	$\frac{1}{29}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{348}\ \Phi_{174}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
65605	1140	1139	$\frac{41}{1139}$	$\frac{59}{1139}$	$\frac{360}{1139}$	$\frac{549}{1139}$	$\Phi_{1139}\ \Phi_{67}\ \Phi_{17}\ \Phi_{1}^{2}$
65606	1140	110	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{53}{110}$	$\Phi_{110}^{20}\ \Phi_{55}\ \Phi_{22}^{20}\ \Phi_{10}^{20}\ \Phi_{2}^{20}$
65607	1140	520	$\frac{1}{26}$	$\frac{9}{104}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{520}^{3}\ \Phi_{260}^{2}\ \Phi_{130}^{3}\ \Phi_{65}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
65608	1140	1232	$\frac{3}{77}$	$\frac{1}{16}$	$\frac{20}{77}$	$\frac{37}{77}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{176}\ \Phi_{154}\ \Phi_{112}\ \Phi_{88}\ \Phi_{56}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}$
65609	1140	1139	$\frac{49}{1139}$	$\frac{99}{1139}$	$\frac{208}{1139}$	$\frac{545}{1139}$	$\Phi_{1139}\ \Phi_{67}\ \Phi_{17}\ \Phi_{1}^{2}$
65610	1140	253	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{4}{23}$	$\frac{11}{23}$	$\Phi_{253}^{5}\ \Phi_{11}^{4}$
65611	1140	910	$\frac{4}{91}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{87}{182}$	$\Phi_{910}^{3}\ \Phi_{130}^{3}\ \Phi_{70}^{3}\ \Phi_{65}\ \Phi_{10}^{3}$
65612	1140	67	$\frac{3}{67}$	$\frac{7}{67}$	$\frac{10}{67}$	$\frac{32}{67}$	$\Phi_{67}^{17}\ \Phi_{1}^{18}$
65613	1140	1540	$\frac{1}{22}$	$\frac{23}{308}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{140}\ \Phi_{110}\ \Phi_{70}\ \Phi_{55}\ \Phi_{35}\ \Phi_{10}$
65614	1140	1337	$\frac{9}{191}$	$\frac{20}{191}$	$\frac{1}{7}$	$\frac{91}{191}$	Φ_{1337}
65615	1140	544	$\frac{13}{272}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{259}{544}$	$\Phi_{544}^{4}\ \Phi_{32}^{4}\ \Phi_{17}^{3}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
65616	1140	1374	$\frac{11}{229}$	$\frac{20}{229}$	$\frac{1}{6}$	$\frac{109}{229}$	$\Phi_{1374}\ \Phi_{687}\ \Phi_{458}$
65617	1140	1139	$\frac{55}{1139}$	$\frac{94}{1139}$	$\frac{199}{1139}$	$\frac{542}{1139}$	$\Phi_{1139}\ \Phi_{67}\ \Phi_{17}\ \Phi_{1}^2$
65618	1140	1220	$\frac{3}{61}$	$\frac{1}{20}$	$\frac{16}{61}$	$\frac{29}{61}$	$\Phi_{1220}\ \Phi_{610}\ \Phi_{305}\ \Phi_{244}\ \Phi_{122}$
65619	1140	1524	$\frac{19}{381}$	$\frac{20}{381}$	$\frac{1}{4}$	$\frac{181}{381}$	$\Phi_{1524}\ \Phi_{762}\ \Phi_{508}\ \Phi_{254}\ \Phi_{12}\ \Phi_{6}$
65620	1140	1139	$\frac{56}{1139}$	$\frac{57}{1139}$	$\frac{299}{1139}$	$\frac{541}{1139}$	$\Phi_{1139}\ \Phi_{67}\ \Phi_{17}\ \Phi_{1}^2$
65621	1140	1713	$\frac{20}{571}$	$\frac{29}{571}$	$\frac{1}{3}$	$\frac{271}{571}$	Φ_{1713}
65622	1140	532	$\frac{1}{28}$	$\frac{1}{19}$	$\frac{9}{28}$	$\frac{9}{19}$	$\Phi_{532}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{28}^4\ \Phi_{19}^3\ \Phi_{14}^4\ \Phi_{7}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
65623	1140	380	$\frac{1}{20}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{380}^3\ \Phi_{190}^3\ \Phi_{95}^3\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{20}^6\ \Phi_{19}^3\ \Phi_{10}^6\ \Phi_{5}^6\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
65624	1140	1330	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{9}{19}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{190}\ \Phi_{95}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{19}\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{1}^2$
65625	1140	399	$\frac{1}{19}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{9}{19}$	$\Phi_{399}^3\ \Phi_{133}^2\ \Phi_{57}^3\ \Phi_{21}^6\ \Phi_{19}^3\ \Phi_{7}^4\ \Phi_{3}^6\ \Phi_{1}^6$
65626	1140	1216	$\frac{1}{19}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{9}{19}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{304}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_{1}^2$
65627	1140	1116	$\frac{1}{31}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{1116}^2\ \Phi_{372}^2\ \Phi_{124}^2\ \Phi_{93}$
65628	1140	2124	$\frac{2}{59}$	$\frac{1}{18}$	$\frac{19}{59}$	$\frac{17}{36}$	$\Phi_{2124}\ \Phi_{708}\ \Phi_{236}\ \Phi_{59}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
65629	1140	252	$\frac{1}{21}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{252}^3\ \Phi_{126}^6\ \Phi_{84}^4\ \Phi_{63}^6\ \Phi_{42}^7\ \Phi_{36}^2\ \Phi_{28}^4\ \Phi_{21}^6\ \Phi_{18}^4\ \Phi_{14}^7\ \Phi_{12}^3\ \Phi_{9}^4\ \Phi_{7}^6\ \Phi_{6}^5\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
65630	1140	2124	$\frac{3}{59}$	$\frac{1}{18}$	$\frac{14}{59}$	$\frac{17}{36}$	$\Phi_{2124}\ \Phi_{708}\ \Phi_{236}\ \Phi_{59}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
65631	1140	720	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^3\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_{5}^2$
65632	1140	2124	$\frac{1}{18}$	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{17}{36}$	$\Phi_{2124}\ \Phi_{708}\ \Phi_{236}\ \Phi_{59}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
65633	1140	468	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{468}^5\ \Phi_{156}^5\ \Phi_{78}\ \Phi_{52}^5\ \Phi_{39}\ \Phi_{26}$
65634	1140	2124	$\frac{1}{18}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{17}{36}$	$\Phi_{2124}\ \Phi_{708}\ \Phi_{236}\ \Phi_{59}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
65635	1140	2772	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{17}{36}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{308}\ \Phi_{77}$
65636	1140	374	$\frac{9}{187}$	$\frac{1}{17}$	$\frac{89}{374}$	$\frac{8}{17}$	$\Phi_{374}^4\ \Phi_{187}^2\ \Phi_{34}^4\ \Phi_{22}^4\ \Phi_{17}^3\ \Phi_{11}^2\ \Phi_{2}^4\ \Phi_{1}^4$
65637	1140	102	$\frac{1}{17}$	$\frac{7}{102}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{102}^{12}\ \Phi_{51}^{12}\ \Phi_{34}^{12}\ \Phi_{17}^7\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^8$
65638	1140	536	$\frac{3}{67}$	$\frac{17}{268}$	$\frac{16}{67}$	$\frac{251}{536}$	$\Phi_{536}^4\ \Phi_{67}\ \Phi_{8}^4\ \Phi_{1}^2$
65639	1140	1139	$\frac{44}{1139}$	$\frac{73}{1139}$	$\frac{303}{1139}$	$\frac{533}{1139}$	$\Phi_{1139}\ \Phi_{67}\ \Phi_{17}\ \Phi_{1}^2$
65640	1140	1713	$\frac{16}{571}$	$\frac{37}{571}$	$\frac{1}{3}$	$\frac{267}{571}$	Φ_{1713}
65641	1140	1139	$\frac{32}{1139}$	$\frac{77}{1139}$	$\frac{369}{1139}$	$\frac{531}{1139}$	$\Phi_{1139}\ \Phi_{67}\ \Phi_{17}\ \Phi_{1}^2$
65642	1140	1092	$\frac{1}{39}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{1092}^2\ \Phi_{364}^2\ \Phi_{156}^2\ \Phi_{84}\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{28}^2\ \Phi_{13}^2\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
65643	1140	700	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{6}{25}$	$\frac{13}{28}$	$\Phi_{700}^3\ \Phi_{140}^3\ \Phi_{100}^3\ \Phi_{28}^4\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{1}^4$
65644	1140	140	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{140}^7\ \Phi_{70}^8\ \Phi_{35}^8\ \Phi_{28}^8\ \Phi_{20}^{11}\ \Phi_{14}^8\ \Phi_{10}^{12}\ \Phi_{7}^8\ \Phi_{5}^{11}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
65645	1140	1260	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{7}{45}$	$\frac{13}{28}$	$\Phi_{1260}^2\ \Phi_{420}\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
65646	1140	201	$\frac{11}{201}$	$\frac{5}{67}$	$\frac{12}{67}$	$\frac{31}{67}$	$\Phi_{201}^6\ \Phi_{67}^5\ \Phi_{3}^6\ \Phi_{1}^6$
65647	1140	806	$\frac{1}{31}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{806}^2\ \Phi_{403}\ \Phi_{62}^2$
65648	1140	880	$\frac{1}{22}$	$\frac{7}{88}$	$\frac{1}{5}$	$\frac{81}{176}$	$\Phi_{880}^3\ \Phi_{110}\ \Phi_{80}^3\ \Phi_{55}\ \Phi_{10}$
65649	1140	2288	$\frac{1}{13}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{81}{176}$	$\Phi_{2288}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
65650	1140	1220	$\frac{1}{20}$	$\frac{5}{61}$	$\frac{11}{61}$	$\frac{28}{61}$	$\Phi_{1220}\ \Phi_{610}\ \Phi_{305}\ \Phi_{244}\ \Phi_{122}$
65651	1140	560	$\frac{1}{16}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}^3\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^2\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{2}^2$
65652	1140	1551	$\frac{1}{47}$	$\frac{1}{11}$	$\frac{46}{141}$	$\frac{5}{11}$	$\Phi_{1551}\ \Phi_{141}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_{3}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
65653	1140	517	$\frac{2}{47}$	$\frac{1}{11}$	$\frac{9}{47}$	$\frac{5}{11}$	$\Phi_{517}^2\ \Phi_{47}^4\ \Phi_{11}^3\ \Phi_1^6$
65654	1140	660	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}^4\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}^4\ \Phi_{20}^2\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{11}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
65655	1140	176	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{176}^7\ \Phi_{88}^7\ \Phi_{44}^7\ \Phi_{22}^3\ \Phi_{16}^6\ \Phi_{11}^4\ \Phi_8^6\ \Phi_4^6\ \Phi_2^2\ \Phi_1^4$
65656	1140	1139	$\frac{49}{1139}$	$\frac{109}{1139}$	$\frac{208}{1139}$	$\frac{515}{1139}$	$\Phi_{1139}\ \Phi_{67}\ \Phi_{17}\ \Phi_1^2$
65657	1140	520	$\frac{1}{26}$	$\frac{5}{52}$	$\frac{1}{5}$	$\frac{47}{104}$	$\Phi_{520}^5\ \Phi_{130}\ \Phi_{65}\ \Phi_{40}^5\ \Phi_{10}$
65658	1140	1524	$\frac{11}{381}$	$\frac{37}{381}$	$\frac{1}{4}$	$\frac{172}{381}$	$\Phi_{1524}\ \Phi_{762}\ \Phi_{508}\ \Phi_{254}\ \Phi_{12}\ \Phi_6$
65659	1140	522	$\frac{1}{58}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{522}^2\ \Phi_{261}^2\ \Phi_{174}^3\ \Phi_{87}^3\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{18}^2\ \Phi_6^3\ \Phi_2^2$
65660	1140	1017	$\frac{2}{113}$	$\frac{1}{9}$	$\frac{37}{113}$	$\frac{4}{9}$	$\Phi_{1017}\ \Phi_{339}\ \Phi_{113}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
65661	1140	468	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{156}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{36}^2\ \Phi_{26}^4\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
65662	1140	1017	$\frac{5}{113}$	$\frac{1}{9}$	$\frac{18}{113}$	$\frac{4}{9}$	$\Phi_{1017}\ \Phi_{339}\ \Phi_{113}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
65663	1140	1260	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{14}^2$
65664	1140	2184	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{168}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
65665	1140	67	$\frac{1}{67}$	$\frac{9}{67}$	$\frac{22}{67}$	$\frac{29}{67}$	$\Phi_{67}^{17}\ \Phi_1^{18}$
65666	1140	67	$\frac{2}{67}$	$\frac{9}{67}$	$\frac{13}{67}$	$\frac{29}{67}$	$\Phi_{67}^{17}\ \Phi_1^{18}$
65667	1140	67	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{9}{67}$	$\frac{29}{67}$	$\Phi_{67}^{17}\ \Phi_1^{18}$
65668	1140	406	$\frac{1}{58}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{406}^3\ \Phi_{203}^3\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{14}^3\ \Phi_2^2$
65669	1140	336	$\frac{1}{16}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^3\ \Phi_{84}^4\ \Phi_{56}^3\ \Phi_{48}^4\ \Phi_{42}^4\ \Phi_{28}^3\ \Phi_{24}^4\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^2\ \Phi_2^2$
65670	1140	1220	$\frac{1}{20}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{26}{61}$	$\Phi_{1220}\ \Phi_{610}\ \Phi_{305}\ \Phi_{244}\ \Phi_{122}$
65671	1140	528	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^3\ \Phi_{132}^2\ \Phi_{88}^3\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{44}^3\ \Phi_{24}^2\ \Phi_{22}^3\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
65672	1140	1139	$\frac{53}{1139}$	$\frac{132}{1139}$	$\frac{181}{1139}$	$\frac{479}{1139}$	$\Phi_{1139}\ \Phi_{67}\ \Phi_{17}\ \Phi_1^2$
65673	1140	1209	$\frac{1}{39}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{1209}\ \Phi_{403}\ \Phi_{93}$
65674	1140	1374	$\frac{7}{229}$	$\frac{37}{229}$	$\frac{1}{6}$	$\frac{96}{229}$	$\Phi_{1374}\ \Phi_{687}\ \Phi_{458}$
65675	1140	134	$\frac{1}{67}$	$\frac{11}{67}$	$\frac{39}{134}$	$\frac{28}{67}$	$\Phi_{134}^{12}\ \Phi_{67}^5\ \Phi_2^{12}\ \Phi_1^6$
65676	1140	1139	$\frac{35}{1139}$	$\frac{184}{1139}$	$\frac{191}{1139}$	$\frac{474}{1139}$	$\Phi_{1139}\ \Phi_{67}\ \Phi_{17}\ \Phi_1^2$
65677	1140	289	$\frac{4}{289}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{289}^4\ \Phi_{17}^3\ \Phi_1^4$
65678	1140	119	$\frac{5}{119}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{119}^{10}\ \Phi_{17}^7\ \Phi_7^{10}\ \Phi_1^8$
65679	1140	1220	$\frac{1}{20}$	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{25}{61}$	$\Phi_{1220}\ \Phi_{610}\ \Phi_{305}\ \Phi_{244}\ \Phi_{122}$
65680	1140	1952	$\frac{1}{61}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1952}\ \Phi_{244}\ \Phi_{122}$
65681	1140	416	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{416}^5\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
65682	1140	1139	$\frac{54}{1139}$	$\frac{113}{1139}$	$\frac{217}{1139}$	$\frac{461}{1139}$	$\Phi_{1139}\ \Phi_{67}\ \Phi_{17}\ \Phi_1^2$
65683	1140	1337	$\frac{6}{191}$	$\frac{1}{7}$	$\frac{37}{191}$	$\frac{77}{191}$	Φ_{1337}
65684	1140	67	$\frac{2}{67}$	$\frac{10}{67}$	$\frac{13}{67}$	$\frac{27}{67}$	$\Phi_{67}^{17}\ \Phi_1^{18}$
65685	1140	1139	$\frac{24}{1139}$	$\frac{223}{1139}$	$\frac{227}{1139}$	$\frac{458}{1139}$	$\Phi_{1139}\ \Phi_{67}\ \Phi_{17}\ \Phi_1^2$
65686	1140	508	$\frac{2}{127}$	$\frac{25}{127}$	$\frac{1}{4}$	$\frac{51}{127}$	$\Phi_{508}^3\ \Phi_{254}^3\ \Phi_4^2\ \Phi_2^2$
65687	1140	1139	$\frac{14}{1139}$	$\frac{225}{1139}$	$\frac{341}{1139}$	$\frac{457}{1139}$	$\Phi_{1139}\ \Phi_{67}\ \Phi_{17}\ \Phi_1^2$
65688	1140	1713	$\frac{6}{571}$	$\frac{113}{571}$	$\frac{1}{3}$	$\frac{229}{571}$	Φ_{1713}
65689	1140	480	$\frac{1}{96}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^4\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^4\ \Phi_{40}^2\ \Phi_{32}^4\ \Phi_{30}^2\ \Phi_{24}^4\ \Phi_{20}^2\ \Phi_{16}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_8^4\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
65690	1140	630	$\frac{1}{63}$	$\frac{1}{5}$	$\frac{31}{126}$	$\frac{2}{5}$	$\Phi_{630}^2\ \Phi_{315}\ \Phi_{210}^2\ \Phi_{126}^4\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{42}^4\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{14}^4\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
65691	1140	945	$\frac{4}{189}$	$\frac{37}{189}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{945}\ \Phi_{315}\ \Phi_{189}^2\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
65692	1140	390	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{390}^3\ \Phi_{195}^2\ \Phi_{130}^3\ \Phi_{78}^6\ \Phi_{65}^2\ \Phi_{39}^4\ \Phi_{30}^2\ \Phi_{26}^6\ \Phi_{15}\ \Phi_{13}^4\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
65693	1140	490	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{490}^2\ \Phi_{245}^2\ \Phi_{98}^4\ \Phi_{70}^2\ \Phi_{49}^4\ \Phi_{35}\ \Phi_{14}^4\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_2^4\ \Phi_1^4$
65694	1140	540	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}\ \Phi_{108}^4\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^4\ \Phi_{45}\ \Phi_{36}^4\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
65695	1140	495	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^4\ \Phi_{55}^2\ \Phi_{45}\ \Phi_{33}^4\ \Phi_{15}\ \Phi_{11}^4\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
65696	1140	105	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{105}^9\ \Phi_{35}^9\ \Phi_{21}^{18}\ \Phi_{15}^9\ \Phi_7^{18}\ \Phi_5^{10}\ \Phi_3^{18}\ \Phi_1^{20}$
65697	1140	220	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{220}^6\ \Phi_{110}^6\ \Phi_{55}^5\ \Phi_{44}^6\ \Phi_{22}^6\ \Phi_{11}^4$
65698	1140	1248	$\frac{1}{96}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
65699	1140	102	$\frac{1}{17}$	$\frac{7}{102}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{102}^{12}\ \Phi_{51}^{12}\ \Phi_{34}^8\ \Phi_{17}^{11}\ \Phi_6^{12}\ \Phi_3^{12}\ \Phi_2^8\ \Phi_1^{12}$
65700	1140	1012	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{11}{46}$	$\frac{35}{92}$	$\Phi_{1012}^2\ \Phi_{253}\ \Phi_{44}^2$
65701	1140	2760	$\frac{1}{115}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2760}\ \Phi_{552}\ \Phi_{345}\ \Phi_{120}\ \Phi_{69}\ \Phi_{15}$
65702	1140	1816	$\frac{2}{227}$	$\frac{1}{4}$	$\frac{75}{227}$	$\frac{3}{8}$	$\Phi_{1816}\ \Phi_{227}\ \Phi_8^2\ \Phi_1^2$
65703	1140	616	$\frac{1}{77}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}^3\ \Phi_{308}\ \Phi_{154}\ \Phi_{88}^3\ \Phi_{56}^3\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}$
65704	1140	1816	$\frac{3}{227}$	$\frac{56}{227}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1816}\ \Phi_{227}\ \Phi_8^2\ \Phi_1^2$
65705	1140	1464	$\frac{1}{61}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1464}\ \Phi_{732}\ \Phi_{366}\ \Phi_{244}\ \Phi_{183}\ \Phi_{122}$
65706	1140	1160	$\frac{1}{58}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1160}^2\ \Phi_{290}\ \Phi_{145}\ \Phi_{40}\ \Phi_{10}$
65707	1140	1816	$\frac{5}{227}$	$\frac{37}{227}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1816}\ \Phi_{227}\ \Phi_8^2\ \Phi_1^2$
65708	1140	2184	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{273}\ \Phi_{168}\ \Phi_{91}\ \Phi_{21}$
65709	1140	1816	$\frac{11}{227}$	$\frac{18}{227}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1816}\ \Phi_{227}\ \Phi_8^2\ \Phi_1^2$
65710	1140	520	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}^4\ \Phi_{260}\ \Phi_{130}\ \Phi_{104}^3\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
65711	1140	1830	$\frac{1}{61}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1830}\ \Phi_{610}\ \Phi_{366}\ \Phi_{305}\ \Phi_{122}$
65712	1140	1139	$\frac{19}{1139}$	$\frac{224}{1139}$	$\frac{305}{1139}$	$\frac{417}{1139}$	$\Phi_{1139}\ \Phi_{67}\ \Phi_{17}\ \Phi_1^2$
65713	1140	1209	$\frac{1}{39}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{1209}\ \Phi_{403}\ \Phi_{93}$
65714	1140	1139	$\frac{39}{1139}$	$\frac{110}{1139}$	$\frac{343}{1139}$	$\frac{398}{1139}$	$\Phi_{1139}\ \Phi_{67}\ \Phi_{17}\ \Phi_1^2$
65715	1140	1220	$\frac{1}{20}$	$\frac{4}{61}$	$\frac{19}{61}$	$\frac{21}{61}$	$\Phi_{1220}\ \Phi_{610}\ \Phi_{305}\ \Phi_{244}\ \Phi_{122}$
65716	1140	201	$\frac{11}{201}$	$\frac{4}{67}$	$\frac{21}{67}$	$\frac{23}{67}$	$\Phi_{201}^6\ \Phi_{67}^5\ \Phi_3^6\ \Phi_1^6$
65717	1140	289	$\frac{16}{289}$	$\frac{1}{17}$	$\frac{91}{289}$	$\frac{99}{289}$	$\Phi_{289}^4\ \Phi_{17}^3\ \Phi_1^4$
65718	1140	1139	$\frac{56}{1139}$	$\frac{75}{1139}$	$\frac{361}{1139}$	$\frac{389}{1139}$	$\Phi_{1139}\ \Phi_{67}\ \Phi_{17}\ \Phi_1^2$
65719	1140	1872	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{23}{72}$	$\frac{49}{144}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
65720	1140	1265	$\frac{4}{115}$	$\frac{1}{11}$	$\frac{37}{115}$	$\frac{39}{115}$	$\Phi_{1265}\ \Phi_{253}\ \Phi_{55}$
65721	1140	1139	$\frac{26}{1139}$	$\frac{151}{1139}$	$\frac{371}{1139}$	$\frac{384}{1139}$	$\Phi_{1139}\ \Phi_{67}\ \Phi_{17}\ \Phi_1^2$
65722	1140	1374	$\frac{4}{229}$	$\frac{1}{6}$	$\frac{75}{229}$	$\frac{77}{229}$	$\Phi_{1374}\ \Phi_{687}\ \Phi_{458}$
65723	1140	1139	$\frac{8}{1139}$	$\frac{377}{1139}$	$\frac{379}{1139}$	$\frac{381}{1139}$	$\Phi_{1139}\ \Phi_{67}\ \Phi_{17}\ \Phi_1^2$
65724	1140	1713	$\frac{4}{571}$	$\frac{189}{571}$	$\frac{1}{3}$	$\frac{191}{571}$	Φ_{1713}
65725	1140	426	$\frac{1}{142}$	$\frac{47}{142}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{426}^2\ \Phi_{213}^2\ \Phi_{142}^4\ \Phi_{71}^4\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
65726	1140	96	$\frac{1}{96}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{96}^{12}\ \Phi_{48}^{12}\ \Phi_{32}^{12}\ \Phi_{24}^{12}\ \Phi_{16}^{12}\ \Phi_{12}^{11}\ \Phi_8^{12}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
65727	1140	213	$\frac{1}{71}$	$\frac{14}{71}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{213}^4\ \Phi_{71}^8\ \Phi_3^5\ \Phi_1^{10}$
65728	1140	174	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{174}^7\ \Phi_{87}^7\ \Phi_{58}^6\ \Phi_{29}^6\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
65729	1140	651	$\frac{1}{31}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{651}^2\ \Phi_{217}^2\ \Phi_{93}$
65730	1140	426	$\frac{7}{142}$	$\frac{9}{142}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{426}^2\ \Phi_{213}^2\ \Phi_{142}^4\ \Phi_{71}^4\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
65731	1140	240	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^8\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^8\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^6\ \Phi_{16}^6\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^6\ \Phi_8^6\ \Phi_6^2\ \Phi_5^6\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
65732	1140	2268	$\frac{2}{189}$	$\frac{1}{4}$	$\frac{187}{567}$	$\frac{1}{3}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{324}\ \Phi_{162}\ \Phi_{12}\ \Phi_6$
65733	1140	678	$\frac{2}{113}$	$\frac{1}{6}$	$\frac{37}{113}$	$\frac{1}{3}$	$\Phi_{678}^2\ \Phi_{339}\ \Phi_{226}^2\ \Phi_{113}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
65734	1140	987	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{46}{141}$	$\frac{1}{3}$	$\Phi_{987}\ \Phi_{329}^2\ \Phi_{21}^2\ \Phi_7^2$
65735	1140	1713	$\frac{13}{571}$	$\frac{77}{571}$	$\frac{186}{571}$	$\frac{1}{3}$	Φ_{1713}
65736	1140	1239	$\frac{2}{59}$	$\frac{2}{21}$	$\frac{19}{59}$	$\frac{1}{3}$	$\Phi_{1239}\ \Phi_{413}\ \Phi_{59}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
65737	1140	924	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{9}{28}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{231}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{33}^3$
65738	1140	1713	$\frac{28}{571}$	$\frac{39}{571}$	$\frac{181}{571}$	$\frac{1}{3}$	Φ_{1713}
65739	1140	1740	$\frac{1}{20}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{348}\ \Phi_{174}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2$
65740	1140	1713	$\frac{21}{571}$	$\frac{55}{571}$	$\frac{172}{571}$	$\frac{1}{3}$	Φ_{1713}
65741	1140	837	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{837}^2\ \Phi_{93}$
65742	1140	273	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{273}^4\ \Phi_{91}^4\ \Phi_{39}^6\ \Phi_{21}^2\ \Phi_{13}^6\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
65743	1140	1713	$\frac{11}{571}$	$\frac{112}{571}$	$\frac{153}{571}$	$\frac{1}{3}$	Φ_{1713}
65744	1140	1566	$\frac{1}{58}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1566}\ \Phi_{783}\ \Phi_{174}\ \Phi_{87}\ \Phi_{54}\ \Phi_6$
65745	1140	252	$\frac{1}{63}$	$\frac{31}{126}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^6\ \Phi_{126}^2\ \Phi_{84}^6\ \Phi_{63}^4\ \Phi_{42}^2\ \Phi_{36}^6\ \Phi_{28}^6\ \Phi_{21}^4\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^7\ \Phi_9^4\ \Phi_7^4\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
65746	1140	1548	$\frac{7}{387}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1548}\ \Phi_{774}\ \Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{86}\ \Phi_{12}\ \Phi_6$
65747	1140	756	$\frac{4}{189}$	$\frac{37}{189}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
65748	1140	156	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^{10}\ \Phi_{78}^4\ \Phi_{52}^{10}\ \Phi_{39}^6\ \Phi_{26}^4\ \Phi_{13}^6\ \Phi_{12}^7\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
65749	1140	588	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}^4\ \Phi_{294}^2\ \Phi_{147}^2\ \Phi_{84}^3\ \Phi_{42}\ \Phi_{21}^2\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
65750	1140	1764	$\frac{2}{63}$	$\frac{61}{441}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{294}\ \Phi_{196}\ \Phi_{98}\ \Phi_{12}\ \Phi_6$
65751	1140	108	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{108}^{10}\ \Phi_{54}^{10}\ \Phi_{36}^{10}\ \Phi_{27}^{12}\ \Phi_{18}^{10}\ \Phi_{12}^{11}\ \Phi_9^{12}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
65752	1140	396	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{36}^2\ \Phi_{22}^4\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
65753	1140	84	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^{18}\ \Phi_{42}^{18}\ \Phi_{28}^{18}\ \Phi_{14}^{18}\ \Phi_{12}^{19}\ \Phi_6^{19}\ \Phi_4^{18}\ \Phi_2^{18}$
65754	1140	660	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{165}^3\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{33}^3$
65755	1140	324	$\frac{5}{81}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{324}^5\ \Phi_{162}^5\ \Phi_{108}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_4^4\ \Phi_2^4$
65756	1140	1239	$\frac{3}{59}$	$\frac{2}{21}$	$\frac{14}{59}$	$\frac{1}{3}$	$\Phi_{1239}\ \Phi_{413}\ \Phi_{59}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
65757	1140	1395	$\frac{1}{31}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{155}\ \Phi_{93}$
65758	1140	744	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{744}^2\ \Phi_{372}^2\ \Phi_{248}^2\ \Phi_{124}^2\ \Phi_{93}$
65759	1140	1680	$\frac{1}{16}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
65760	1140	987	$\frac{2}{47}$	$\frac{1}{7}$	$\frac{9}{47}$	$\frac{1}{3}$	$\Phi_{987}^2\ \Phi_{21}^3$
65761	1140	1713	$\frac{26}{571}$	$\frac{77}{571}$	$\frac{109}{571}$	$\frac{1}{3}$	Φ_{1713}
65762	1140	1239	$\frac{4}{59}$	$\frac{2}{21}$	$\frac{11}{59}$	$\frac{1}{3}$	$\Phi_{1239}\ \Phi_{413}\ \Phi_{59}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
65763	1140	2310	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{70}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{330}\ \Phi_{165}\ \Phi_{33}$
65764	1140	1740	$\frac{1}{20}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{348}\ \Phi_{174}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
65765	1140	1713	$\frac{25}{571}$	$\frac{91}{571}$	$\frac{96}{571}$	$\frac{1}{3}$	Φ_{1713}
65766	1140	678	$\frac{5}{113}$	$\frac{18}{113}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{678}^2\ \Phi_{339}\ \Phi_{226}^2\ \Phi_{113}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
65767	1140	420	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^4\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^4\ \Phi_{42}\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2$
65768	1140	546	$\frac{1}{13}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{546}^3\ \Phi_{273}^2\ \Phi_{182}^3\ \Phi_{91}^2\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
65769	1140	1239	$\frac{5}{59}$	$\frac{2}{21}$	$\frac{9}{59}$	$\frac{1}{3}$	$\Phi_{1239}\ \Phi_{413}\ \Phi_{59}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
65770	1140	231	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{231}^5\ \Phi_{77}^6\ \Phi_{33}^6\ \Phi_{11}^6$
65771	1140	2112	$\frac{1}{11}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{33}$
65772	1140	1551	$\frac{1}{47}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{46}{141}$	$\Phi_{1551}\ \Phi_{141}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
65773	1140	2820	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{46}{141}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
65774	1140	1593	$\frac{2}{59}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{59}$	$\Phi_{1593}\ \Phi_{59}\ \Phi_{27}^2\ \Phi_1^2$
65775	1140	1416	$\frac{2}{59}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{59}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{472}\ \Phi_{236}\ \Phi_{59}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
65776	1140	532	$\frac{1}{28}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{9}{28}$	$\Phi_{532}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{28}^4\ \Phi_{19}^3\ \Phi_{14}^4\ \Phi_7^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
65777	1140	420	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{9}{28}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^2\ \Phi_{105}^4\ \Phi_{70}^2\ \Phi_{60}^4\ \Phi_{35}^2\ \Phi_{30}^5\ \Phi_{20}^2\ \Phi_{15}^5\ \Phi_{10}^3\ \Phi_5^2$
65778	1140	1139	$\frac{47}{1139}$	$\frac{155}{1139}$	$\frac{246}{1139}$	$\frac{364}{1139}$	$\Phi_{1139}\ \Phi_{67}\ \Phi_{17}\ \Phi_1^2$
65779	1140	1374	$\frac{10}{229}$	$\frac{1}{6}$	$\frac{39}{229}$	$\frac{73}{229}$	$\Phi_{1374}\ \Phi_{687}\ \Phi_{458}$
65780	1140	1139	$\frac{50}{1139}$	$\frac{189}{1139}$	$\frac{194}{1139}$	$\frac{363}{1139}$	$\Phi_{1139}\ \Phi_{67}\ \Phi_{17}\ \Phi_1^2$
65781	1140	110	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{1}{5}$	$\frac{7}{22}$	$\Phi_{110}^{13}\ \Phi_{55}^{13}\ \Phi_{10}^{13}\ \Phi_5^{12}$
65782	1140	221	$\frac{14}{221}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{69}{221}$	$\Phi_{221}^5\ \Phi_{17}^7\ \Phi_{13}^5\ \Phi_1^8$
65783	1140	55	$\frac{4}{55}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{17}{55}$	$\Phi_{55}^{21}\ \Phi_{11}^{20}\ \Phi_5^{20}\ \Phi_1^{20}$
65784	1140	520	$\frac{1}{13}$	$\frac{9}{104}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{520}^3\ \Phi_{260}^3\ \Phi_{130}^3\ \Phi_{65}\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3$
65785	1140	1584	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}$
65786	1140	136	$\frac{1}{17}$	$\frac{13}{136}$	$\frac{4}{17}$	$\frac{41}{136}$	$\Phi_{136}^8\ \Phi_{68}^8\ \Phi_{34}^8\ \Phi_{17}^{11}\ \Phi_8^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{12}$
65787	1140	756	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{108}^2\ \Phi_{84}\ \Phi_{54}^2\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
65788	1140	1593	$\frac{3}{59}$	$\frac{1}{9}$	$\frac{14}{59}$	$\frac{8}{27}$	$\Phi_{1593}\ \Phi_{59}\ \Phi_{27}^2\ \Phi_1^2$
65789	1140	2160	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
65790	1140	1593	$\frac{4}{59}$	$\frac{1}{9}$	$\frac{11}{59}$	$\frac{8}{27}$	$\Phi_{1593}\ \Phi_{59}\ \Phi_{27}^2\ \Phi_1^2$
65791	1140	702	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{702}^3\ \Phi_{351}^2\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
65792	1140	1593	$\frac{5}{59}$	$\frac{1}{9}$	$\frac{9}{59}$	$\frac{8}{27}$	$\Phi_{1593}\ \Phi_{59}\ \Phi_{27}^2\ \Phi_1^2$
65793	1140	2079	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{27}$	$\Phi_{2079}\ \Phi_{77}$
65794	1140	187	$\frac{12}{187}$	$\frac{2}{17}$	$\frac{35}{187}$	$\frac{5}{17}$	$\Phi_{187}^6\ \Phi_{17}^7\ \Phi_{11}^6\ \Phi_1^8$
65795	1140	102	$\frac{7}{102}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{102}^{12}\ \Phi_{51}^{12}\ \Phi_{34}^{12}\ \Phi_{17}^7\ \Phi_6^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^8$
65796	1140	134	$\frac{3}{67}$	$\frac{17}{134}$	$\frac{16}{67}$	$\frac{39}{134}$	$\Phi_{134}^8\ \Phi_{67}^9\ \Phi_2^8\ \Phi_1^{10}$
65797	1140	175	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{6}{25}$	$\frac{2}{7}$	$\Phi_{175}^6\ \Phi_{35}^6\ \Phi_{25}^9\ \Phi_7^8\ \Phi_5^9\ \Phi_1^{12}$
65798	1140	140	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{140}^8\ \Phi_{70}^8\ \Phi_{35}^6\ \Phi_{28}^8\ \Phi_{20}^{12}\ \Phi_{14}^8\ \Phi_{10}^{12}\ \Phi_7^8\ \Phi_5^9\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
65799	1140	315	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{7}{45}$	$\frac{2}{7}$	$\Phi_{315}^4\ \Phi_{105}^2\ \Phi_{63}^4\ \Phi_{45}^6\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_9^6\ \Phi_7^4\ \Phi_5^3\ \Phi_3^3\ \Phi_1^6$
65800	1140	1139	$\frac{43}{1139}$	$\frac{173}{1139}$	$\frac{274}{1139}$	$\frac{322}{1139}$	$\Phi_{1139}\ \Phi_{67}\ \Phi_{17}\ \Phi_1^2$
65801	1140	660	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{1}{5}$	$\frac{37}{132}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{165}^3\ \Phi_{110}\ \Phi_{60}^3\ \Phi_{55}\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}$
65802	1140	1220	$\frac{1}{20}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	$\Phi_{1220}\ \Phi_{610}\ \Phi_{305}\ \Phi_{244}\ \Phi_{122}$
65803	1140	1404	$\frac{1}{13}$	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
65804	1140	1680	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
65805	1140	517	$\frac{2}{47}$	$\frac{2}{11}$	$\frac{9}{47}$	$\frac{3}{11}$	$\Phi_{517}^{2}\ \Phi_{47}^{4}\ \Phi_{11}^{3}\ \Phi_{1}^{6}$
65806	1140	660	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}\ \Phi_{165}^{2}\ \Phi_{132}^{2}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}^{4}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}^{4}\ \Phi_{20}^{2}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
65807	1140	1139	$\frac{49}{1139}$	$\frac{208}{1139}$	$\frac{218}{1139}$	$\frac{307}{1139}$	$\Phi_{1139}\ \Phi_{67}\ \Phi_{17}\ \Phi_{1}^{2}$
65808	1140	130	$\frac{1}{26}$	$\frac{5}{26}$	$\frac{1}{5}$	$\frac{7}{26}$	$\Phi_{130}^{11}\ \Phi_{65}^{11}\ \Phi_{10}^{11}\ \Phi_{5}^{10}$
65809	1140	1139	$\frac{44}{1139}$	$\frac{219}{1139}$	$\frac{230}{1139}$	$\frac{303}{1139}$	$\Phi_{1139}\ \Phi_{67}\ \Phi_{17}\ \Phi_{1}^{2}$
65810	1140	1220	$\frac{1}{20}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{1220}\ \Phi_{610}\ \Phi_{305}\ \Phi_{244}\ \Phi_{122}$
65811	1140	67	$\frac{3}{67}$	$\frac{10}{67}$	$\frac{16}{67}$	$\frac{17}{67}$	$\Phi_{67}^{17}\ \Phi_{1}^{18}$
65812	1140	1374	$\frac{9}{229}$	$\frac{1}{6}$	$\frac{55}{229}$	$\frac{58}{229}$	$\Phi_{1374}\ \Phi_{687}\ \Phi_{458}$
65813	1140	508	$\frac{3}{127}$	$\frac{31}{127}$	$\frac{1}{4}$	$\frac{32}{127}$	$\Phi_{508}^{3}\ \Phi_{254}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
65814	1140	300	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{6}{25}$	$\frac{1}{4}$	$\Phi_{300}^{6}\ \Phi_{150}^{3}\ \Phi_{100}^{3}\ \Phi_{75}^{3}\ \Phi_{60}^{6}\ \Phi_{30}^{3}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{8}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
65815	1140	1524	$\frac{17}{381}$	$\frac{58}{381}$	$\frac{91}{381}$	$\frac{1}{4}$	$\Phi_{1524}\ \Phi_{762}\ \Phi_{508}\ \Phi_{254}\ \Phi_{12}\ \Phi_{6}$
65816	1140	380	$\frac{1}{20}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{380}^{3}\ \Phi_{190}^{3}\ \Phi_{95}^{3}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{20}^{6}\ \Phi_{19}^{3}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
65817	1140	168	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{168}^{9}\ \Phi_{84}^{4}\ \Phi_{56}^{9}\ \Phi_{42}^{7}\ \Phi_{28}^{4}\ \Phi_{24}^{6}\ \Phi_{21}^{6}\ \Phi_{14}^{7}\ \Phi_{12}^{3}\ \Phi_{8}^{6}\ \Phi_{7}^{6}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
65818	1140	1524	$\frac{16}{381}$	$\frac{73}{381}$	$\frac{77}{381}$	$\frac{1}{4}$	$\Phi_{1524}\ \Phi_{762}\ \Phi_{508}\ \Phi_{254}\ \Phi_{12}\ \Phi_{6}$
65819	1140	940	$\frac{2}{47}$	$\frac{9}{47}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{940}^{2}\ \Phi_{470}^{2}\ \Phi_{20}^{3}\ \Phi_{10}^{3}$
65820	1140	60	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{60}^{22}\ \Phi_{30}^{23}\ \Phi_{20}^{11}\ \Phi_{15}^{23}\ \Phi_{12}^{24}\ \Phi_{10}^{12}\ \Phi_{6}^{24}\ \Phi_{5}^{11}\ \Phi_{4}^{12}\ \Phi_{3}^{24}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
65821	1140	180	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{180}^{10}\ \Phi_{90}^{4}\ \Phi_{60}^{5}\ \Phi_{45}^{6}\ \Phi_{36}^{10}\ \Phi_{30}^{2}\ \Phi_{20}^{5}\ \Phi_{18}^{4}\ \Phi_{15}^{3}\ \Phi_{12}^{7}\ \Phi_{10}^{2}\ \Phi_{9}^{6}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
65822	1140	1760	$\frac{1}{22}$	$\frac{67}{352}$	$\frac{1}{5}$	$\frac{21}{88}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{160}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{10}$
65823	1140	1416	$\frac{3}{59}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{14}{59}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{472}\ \Phi_{236}\ \Phi_{59}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
65824	1140	68	$\frac{1}{17}$	$\frac{11}{68}$	$\frac{13}{68}$	$\frac{4}{17}$	$\Phi_{68}^{16}\ \Phi_{34}^{16}\ \Phi_{17}^{19}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{20}$
65825	1140	253	$\frac{1}{11}$	$\frac{3}{23}$	$\frac{4}{23}$	$\frac{5}{23}$	$\Phi_{253}^{5}\ \Phi_{11}^{4}$
65826	1140	1820	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{5}$	$\frac{79}{364}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{260}\ \Phi_{140}\ \Phi_{130}\ \Phi_{70}\ \Phi_{65}\ \Phi_{20}\ \Phi_{10}$
65827	1140	1330	$\frac{1}{14}$	$\frac{3}{19}$	$\frac{13}{70}$	$\frac{4}{19}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{190}\ \Phi_{95}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{19}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
65828	1140	399	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{399}^{3}\ \Phi_{133}^{2}\ \Phi_{57}^{3}\ \Phi_{21}^{6}\ \Phi_{19}^{3}\ \Phi_{7}^{4}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
65829	1140	1216	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{304}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{19}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
65830	1140	240	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{240}^{6}\ \Phi_{120}^{5}\ \Phi_{80}^{7}\ \Phi_{60}^{5}\ \Phi_{40}^{6}\ \Phi_{30}^{6}\ \Phi_{20}^{6}\ \Phi_{15}^{6}\ \Phi_{10}^{7}\ \Phi_{5}^{6}$
65831	1140	1416	$\frac{4}{59}$	$\frac{1}{6}$	$\frac{11}{59}$	$\frac{5}{24}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{472}\ \Phi_{236}\ \Phi_{59}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
65832	1140	312	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{312}^{5}\ \Phi_{156}^{5}\ \Phi_{104}^{5}\ \Phi_{78}\ \Phi_{52}^{5}\ \Phi_{39}\ \Phi_{26}$
65833	1140	1416	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{472}\ \Phi_{236}\ \Phi_{59}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
65834	1140	1848	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{77}$
65835	1140	210	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{70}$	$\frac{1}{5}$	$\Phi_{210}^{6}\ \Phi_{105}^{6}\ \Phi_{70}^{3}\ \Phi_{42}^{8}\ \Phi_{35}^{3}\ \Phi_{30}^{7}\ \Phi_{21}^{8}\ \Phi_{15}^{7}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{8}\ \Phi_{5}^{3}\ \Phi_{3}^{8}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
65836	1140	110	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{2}{11}$	$\frac{1}{5}$	$\Phi_{110}^{15}\ \Phi_{55}^{11}\ \Phi_{10}^{15}\ \Phi_{5}^{10}$
65837	1140	210	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{210}^{8}\ \Phi_{105}^{5}\ \Phi_{70}^{8}\ \Phi_{35}^{6}\ \Phi_{30}^{9}\ \Phi_{15}^{6}\ \Phi_{10}^{9}\ \Phi_{5}^{6}$
65838	1140	960	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{960}^{2}\ \Phi_{480}^{2}\ \Phi_{320}\ \Phi_{240}^{2}\ \Phi_{160}\ \Phi_{80}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
65839	1140	67	$\frac{7}{67}$	$\frac{10}{67}$	$\frac{11}{67}$	$\frac{12}{67}$	$\Phi_{67}^{17}\ \Phi_{1}^{18}$
65840	1141	1824	$\frac{1}{228}$	$\frac{229}{912}$	$\frac{683}{1824}$	$\frac{227}{456}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{456}\ \Phi_{152}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
65841	1141	2272	$\frac{5}{1136}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1131}{2272}$	$\Phi_{2272}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
65842	1141	1524	$\frac{2}{381}$	$\frac{383}{1524}$	$\frac{1}{3}$	$\frac{379}{762}$	$\Phi_{1524}\ \Phi_{508}\ \Phi_{381}\ \Phi_{127}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
65843	1141	324	$\frac{1}{162}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{161}{324}$	$\Phi_{324}\ \Phi_{162}^{6}\ \Phi_{108}\ \Phi_{81}^{6}\ \Phi_{54}^{6}\ \Phi_{36}\ \Phi_{27}^{6}\ \Phi_{18}^{6}\ \Phi_{12}^{2}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
65844	1141	324	$\frac{1}{162}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{161}{324}$	$\Phi_{324}^{7}\ \Phi_{108}^{7}\ \Phi_{36}^{7}\ \Phi_{12}^{7}\ \Phi_{9}\ \Phi_{4}^{7}\ \Phi_{1}$
65845	1141	2256	$\frac{13}{1128}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1115}{2256}$	$\Phi_{2256}\ \Phi_{752}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
65846	1141	304	$\frac{1}{76}$	$\frac{11}{152}$	$\frac{141}{304}$	$\frac{75}{152}$	$\Phi_{304}^{7}\ \Phi_{152}\ \Phi_{16}^{7}\ \Phi_{8}\ \Phi_{1}$
65847	1141	2160	$\frac{1}{60}$	$\frac{61}{1080}$	$\frac{1019}{2160}$	$\frac{59}{120}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
65848	1141	1440	$\frac{1}{60}$	$\frac{61}{360}$	$\frac{299}{1440}$	$\frac{59}{120}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
65849	1141	320	$\frac{3}{160}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{157}{320}$	$\Phi_{320}^{7}\ \Phi_{64}^{7}\ \Phi_{40}\ \Phi_{8}\ \Phi_{1}$
65850	1141	320	$\frac{3}{160}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{157}{320}$	$\Phi_{320}^{7}\ \Phi_{64}^{7}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
65851	1141	2232	$\frac{25}{1116}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1091}{2232}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{248}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
65852	1141	1536	$\frac{11}{384}$	$\frac{1}{12}$	$\frac{395}{1536}$	$\frac{373}{768}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
65853	1141	1248	$\frac{3}{104}$	$\frac{107}{1248}$	$\frac{1}{4}$	$\frac{101}{208}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{32}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
65854	1141	2208	$\frac{37}{1104}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1067}{2208}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
65855	1141	176	$\frac{3}{88}$	$\frac{13}{176}$	$\frac{1}{4}$	$\frac{85}{176}$	$\Phi_{176}^{6}\ \Phi_{88}^{7}\ \Phi_{44}^{7}\ \Phi_{22}^{7}\ \Phi_{16}^{6}\ \Phi_{11}^{7}\ \Phi_{8}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
65856	1141	2200	$\frac{41}{1100}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1059}{2200}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{200}\ \Phi_{88}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
65857	1141	2200	$\frac{41}{1100}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1059}{2200}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{200}\ \Phi_{88}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
65858	1141	1380	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{239}{1380}$	$\frac{221}{460}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{276}\ \Phi_{230}\ \Phi_{138}\ \Phi_{115}\ \Phi_{69}\ \Phi_{60}\ \Phi_{46}\ \Phi_{30}\ \Phi_{23}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
65859	1141	312	$\frac{7}{156}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{149}{312}$	$\Phi_{312}^{7}\ \Phi_{104}^{7}\ \Phi_{52}\ \Phi_{26}\ \Phi_{24}^{7}\ \Phi_{13}\ \Phi_{8}^{7}\ \Phi_{1}$
65860	1141	240	$\frac{3}{80}$	$\frac{1}{20}$	$\frac{77}{240}$	$\frac{19}{40}$	$\Phi_{240}^{7}\ \Phi_{120}^{7}\ \Phi_{60}^{7}\ \Phi_{48}^{7}\ \Phi_{40}\ \Phi_{30}^{7}\ \Phi_{24}^{7}\ \Phi_{15}^{7}\ \Phi_{12}^{7}\ \Phi_{8}\ \Phi_{6}^{7}\ \Phi_{3}^{7}\ \Phi_{1}$
65861	1141	1200	$\frac{59}{1200}$	$\frac{1}{20}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
65862	1141	200	$\frac{1}{20}$	$\frac{3}{40}$	$\frac{37}{200}$	$\frac{19}{40}$	$\Phi_{200}^{7}\ \Phi_{100}^{7}\ \Phi_{50}^{7}\ \Phi_{40}\ \Phi_{25}^{7}\ \Phi_{8}\ \Phi_{1}$
65863	1141	1280	$\frac{1}{20}$	$\frac{139}{1280}$	$\frac{21}{160}$	$\frac{19}{40}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{40}\ \Phi_{8}\ \Phi_{1}$
65864	1141	2160	$\frac{1}{30}$	$\frac{61}{1080}$	$\frac{29}{90}$	$\frac{1019}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
65865	1141	2160	$\frac{61}{1080}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1019}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
65866	1141	304	$\frac{11}{152}$	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{141}{304}$	$\Phi_{304}^{7}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{16}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
65867	1141	1560	$\frac{1}{30}$	$\frac{29}{390}$	$\frac{419}{1560}$	$\frac{361}{780}$	$\Phi_{1560}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{40}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
65868	1141	2112	$\frac{3}{88}$	$\frac{85}{1056}$	$\frac{1}{4}$	$\frac{971}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
65869	1141	2112	$\frac{85}{1056}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{971}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
65870	1141	1320	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{179}{1320}$	$\frac{151}{330}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
65871	1141	300	$\frac{1}{15}$	$\frac{13}{150}$	$\frac{2}{15}$	$\frac{137}{300}$	$\Phi_{300}^{7}\ \Phi_{100}^{7}\ \Phi_{60}^{7}\ \Phi_{20}^{7}\ \Phi_{15}^{6}\ \Phi_{12}^{7}\ \Phi_{5}^{6}\ \Phi_{4}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
65872	1141	2080	$\frac{3}{104}$	$\frac{101}{1040}$	$\frac{1}{4}$	$\frac{939}{2080}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{160}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
65873	1141	2052	$\frac{1}{57}$	$\frac{115}{1026}$	$\frac{56}{171}$	$\frac{911}{2052}$	$\Phi_{2052}\ \Phi_{684}\ \Phi_{228}\ \Phi_{171}\ \Phi_{108}\ \Phi_{76}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
65874	1141	288	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{19}{144}$	$\frac{125}{288}$	$\Phi_{288}^{7}\ \Phi_{144}\ \Phi_{96}^{7}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}^{7}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
65875	1141	180	$\frac{1}{15}$	$\frac{17}{180}$	$\frac{2}{15}$	$\frac{13}{30}$	$\Phi_{180}^{7}\ \Phi_{90}^{7}\ \Phi_{60}^{7}\ \Phi_{45}^{7}\ \Phi_{36}^{7}\ \Phi_{20}^{7}\ \Phi_{18}^{7}\ \Phi_{15}^{6}\ \Phi_{12}^{7}\ \Phi_{9}^{7}\ \Phi_{5}^{6}\ \Phi_{4}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
65876	1141	228	$\frac{1}{57}$	$\frac{8}{57}$	$\frac{65}{228}$	$\frac{49}{114}$	$\Phi_{228}^7\ \Phi_{76}^7\ \Phi_{57}^6\ \Phi_{19}^6\ \Phi_{12}^7\ \Phi_4^7\ \Phi_3^6\ \Phi_1^7$
65877	1141	1980	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{151}{990}$	$\frac{839}{1980}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{20}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
65878	1141	660	$\frac{2}{165}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{660}^3\ \Phi_{220}^3\ \Phi_{165}\ \Phi_{132}^3\ \Phi_{60}^3\ \Phi_{55}\ \Phi_{44}^3\ \Phi_{33}\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_5\ \Phi_4\ \Phi_1$
65879	1141	972	$\frac{1}{81}$	$\frac{1}{6}$	$\frac{80}{243}$	$\frac{5}{12}$	$\Phi_{972}^3\ \Phi_{243}\ \Phi_{12}\ \Phi_4\ \Phi_1$
65880	1141	216	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{53}{216}$	$\frac{5}{12}$	$\Phi_{216}^7\ \Phi_{108}\ \Phi_{72}^7\ \Phi_{54}^6\ \Phi_{36}\ \Phi_{27}^6\ \Phi_{24}^7\ \Phi_{18}^6\ \Phi_{12}^2\ \Phi_9^6\ \Phi_8^7\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
65881	1141	168	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{168}^7\ \Phi_{84}^7\ \Phi_{56}^7\ \Phi_{42}^7\ \Phi_{28}^7\ \Phi_{24}^7\ \Phi_{21}^7\ \Phi_{14}^7\ \Phi_{12}^2\ \Phi_8^7\ \Phi_7^7\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
65882	1141	756	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{756}^3\ \Phi_{252}^3\ \Phi_{189}\ \Phi_{84}^3\ \Phi_{63}\ \Phi_{28}^3\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
65883	1141	684	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{684}^3\ \Phi_{228}^3\ \Phi_{171}\ \Phi_{76}^3\ \Phi_{57}\ \Phi_{19}\ \Phi_{12}\ \Phi_4\ \Phi_1$
65884	1141	180	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{180}^7\ \Phi_{90}^7\ \Phi_{60}^7\ \Phi_{45}^7\ \Phi_{36}\ \Phi_{30}^7\ \Phi_{20}^7\ \Phi_{18}^6\ \Phi_{15}^7\ \Phi_{12}^2\ \Phi_{10}^7\ \Phi_9^6\ \Phi_6^6\ \Phi_5^7\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
65885	1141	1200	$\frac{59}{1200}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
65886	1141	1920	$\frac{1}{60}$	$\frac{181}{960}$	$\frac{59}{240}$	$\frac{779}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{240}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
65887	1141	1920	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{181}{960}$	$\frac{779}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
65888	1141	1152	$\frac{11}{1152}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
65889	1141	1840	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{221}{920}$	$\frac{699}{1840}$	$\Phi_{1840}\ \Phi_{368}\ \Phi_{230}\ \Phi_{115}\ \Phi_{80}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_1$
65890	1141	1440	$\frac{1}{60}$	$\frac{299}{1440}$	$\frac{59}{240}$	$\frac{181}{480}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
65891	1141	1704	$\frac{5}{568}$	$\frac{1}{4}$	$\frac{563}{1704}$	$\frac{3}{8}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{426}\ \Phi_{213}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
65892	1141	1152	$\frac{11}{1152}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
65893	1141	168	$\frac{5}{168}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^7\ \Phi_{84}^7\ \Phi_{56}^7\ \Phi_{42}^7\ \Phi_{28}^7\ \Phi_{24}^7\ \Phi_{21}^7\ \Phi_{14}^7\ \Phi_{12}^7\ \Phi_8^3\ \Phi_7^7\ \Phi_6^7\ \Phi_4^2\ \Phi_3^7\ \Phi_2^2\ \Phi_1^3$
65894	1141	1824	$\frac{1}{76}$	$\frac{75}{304}$	$\frac{229}{912}$	$\frac{683}{1824}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{96}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
65895	1141	1800	$\frac{1}{60}$	$\frac{59}{300}$	$\frac{241}{900}$	$\frac{659}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_8\ \Phi_1$
65896	1141	1728	$\frac{11}{288}$	$\frac{1}{12}$	$\frac{277}{864}$	$\frac{587}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
65897	1141	180	$\frac{1}{30}$	$\frac{17}{180}$	$\frac{29}{90}$	$\frac{61}{180}$	$\Phi_{180}^6\ \Phi_{90}^7\ \Phi_{60}^6\ \Phi_{45}^7\ \Phi_{36}^6\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{18}^7\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_9^7\ \Phi_6^6\ \Phi_5^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
65898	1141	984	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{40}{123}$	$\frac{83}{246}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{328}^2\ \Phi_{164}^2\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
65899	1141	1368	$\frac{1}{57}$	$\frac{227}{1368}$	$\frac{56}{171}$	$\frac{115}{342}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{228}\ \Phi_{171}\ \Phi_{152}\ \Phi_{76}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
65900	1141	495	$\frac{2}{165}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{495}^3\ \Phi_{165}\ \Phi_{99}^3\ \Phi_{55}\ \Phi_{45}^3\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_9\ \Phi_5\ \Phi_1$
65901	1141	243	$\frac{1}{81}$	$\frac{2}{9}$	$\frac{80}{243}$	$\frac{1}{3}$	$\Phi_{243}^7\ \Phi_9\ \Phi_1$
65902	1141	1161	$\frac{20}{1161}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1161}\ \Phi_{387}\ \Phi_{129}\ \Phi_{43}\ \Phi_9\ \Phi_1$
65903	1141	216	$\frac{1}{54}$	$\frac{2}{9}$	$\frac{53}{216}$	$\frac{1}{3}$	$\Phi_{216}^7\ \Phi_{108}^7\ \Phi_{72}^7\ \Phi_{36}^7\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_9\ \Phi_8^7\ \Phi_4^7\ \Phi_1$
65904	1141	504	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}\ \Phi_{126}^3\ \Phi_{84}\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
65905	1141	189	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{189}^7\ \Phi_{63}^7\ \Phi_{21}^7\ \Phi_9\ \Phi_7^7\ \Phi_1$
65906	1141	1188	$\frac{47}{1188}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
65907	1141	1296	$\frac{7}{162}$	$\frac{155}{1296}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
65908	1141	171	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{171}^{7}\ \Phi_{57}^{7}\ \Phi_{19}^{7}\ \Phi_{9}\ \Phi_{1}$
65909	1141	180	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^{7}\ \Phi_{90}^{7}\ \Phi_{60}^{7}\ \Phi_{45}^{7}\ \Phi_{36}^{7}\ \Phi_{30}^{7}\ \Phi_{20}^{7}\ \Phi_{15}^{7}\ \Phi_{12}^{7}\ \Phi_{10}^{7}\ \Phi_{9}\ \Phi_{5}^{7}\ \Phi_{4}^{7}\ \Phi_{1}$
65910	1141	1215	$\frac{74}{1215}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
65911	1141	1539	$\frac{1}{57}$	$\frac{115}{513}$	$\frac{398}{1539}$	$\frac{56}{171}$	$\Phi_{1539}\ \Phi_{171}\ \Phi_{81}\ \Phi_{9}\ \Phi_{1}$
65912	1141	1620	$\frac{1}{30}$	$\frac{61}{540}$	$\frac{479}{1620}$	$\frac{29}{90}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{162}\ \Phi_{90}\ \Phi_{81}\ \Phi_{45}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
65913	1141	1350	$\frac{1}{30}$	$\frac{209}{1350}$	$\frac{61}{270}$	$\frac{29}{90}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
65914	1141	1440	$\frac{1}{30}$	$\frac{61}{360}$	$\frac{299}{1440}$	$\frac{29}{90}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
65915	1141	1320	$\frac{3}{88}$	$\frac{179}{1320}$	$\frac{1}{4}$	$\frac{85}{264}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
65916	1141	240	$\frac{3}{80}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{77}{240}$	$\Phi_{240}^{7}\ \Phi_{120}^{7}\ \Phi_{60}^{7}\ \Phi_{48}^{7}\ \Phi_{30}^{7}\ \Phi_{24}^{7}\ \Phi_{15}^{7}\ \Phi_{12}^{7}\ \Phi_{8}^{3}\ \Phi_{6}^{7}\ \Phi_{4}^{2}\ \Phi_{3}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
65917	1141	1248	$\frac{3}{52}$	$\frac{107}{1248}$	$\frac{1}{4}$	$\frac{49}{156}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{104}\ \Phi_{96}\ \Phi_{52}\ \Phi_{48}\ \Phi_{32}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
65918	1141	1650	$\frac{41}{550}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{509}{1650}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{330}\ \Phi_{165}\ \Phi_{150}\ \Phi_{75}\ \Phi_{66}\ \Phi_{50}\ \Phi_{33}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
65919	1141	1485	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{344}{1485}$	$\frac{151}{495}$	$\Phi_{1485}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}\ \Phi_{55}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_{1}$
65920	1141	190	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{27}{190}$	$\frac{11}{38}$	$\Phi_{190}^{7}\ \Phi_{95}^{7}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{10}^{7}\ \Phi_{5}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
65921	1141	228	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{11}{76}$	$\frac{65}{228}$	$\Phi_{228}^{7}\ \Phi_{114}^{7}\ \Phi_{57}^{7}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
65922	1141	1296	$\frac{1}{12}$	$\frac{155}{1296}$	$\frac{11}{72}$	$\frac{61}{216}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
65923	1141	1584	$\frac{3}{88}$	$\frac{85}{528}$	$\frac{1}{4}$	$\frac{443}{1584}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{144}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
65924	1141	225	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{62}{225}$	$\Phi_{225}^{7}\ \Phi_{45}^{7}\ \Phi_{15}^{6}\ \Phi_{9}^{7}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
65925	1141	1560	$\frac{3}{104}$	$\frac{101}{520}$	$\frac{1}{4}$	$\frac{419}{1560}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{24}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
65926	1141	1408	$\frac{3}{88}$	$\frac{267}{1408}$	$\frac{85}{352}$	$\frac{1}{4}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{128}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
65927	1141	208	$\frac{3}{52}$	$\frac{7}{52}$	$\frac{45}{208}$	$\frac{1}{4}$	$\Phi_{208}^{7}\ \Phi_{104}^{7}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}^{7}\ \Phi_{13}\ \Phi_{8}^{7}\ \Phi_{1}$
65928	1141	176	$\frac{13}{176}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{176}^{7}\ \Phi_{88}^{7}\ \Phi_{44}^{7}\ \Phi_{22}^{7}\ \Phi_{11}^{7}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
65929	1141	1320	$\frac{3}{44}$	$\frac{179}{1320}$	$\frac{41}{220}$	$\frac{1}{4}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{22}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
65930	1141	200	$\frac{3}{40}$	$\frac{1}{8}$	$\frac{37}{200}$	$\frac{1}{4}$	$\Phi_{200}^{7}\ \Phi_{100}^{7}\ \Phi_{50}^{7}\ \Phi_{25}^{7}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
65931	1141	192	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{29}{192}$	$\frac{1}{4}$	$\Phi_{192}^{7}\ \Phi_{96}^{7}\ \Phi_{64}^{7}\ \Phi_{48}^{7}\ \Phi_{24}^{7}\ \Phi_{12}^{7}\ \Phi_{8}^{3}\ \Phi_{6}^{7}\ \Phi_{4}^{2}\ \Phi_{3}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
65932	1141	360	$\frac{17}{180}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{360}^{4}\ \Phi_{180}^{3}\ \Phi_{120}^{4}\ \Phi_{90}^{3}\ \Phi_{72}^{4}\ \Phi_{60}^{3}\ \Phi_{45}^{3}\ \Phi_{36}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{4}\ \Phi_{18}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
65933	1141	1440	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{360}$	$\frac{299}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
65934	1142	3408	$\frac{3}{568}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{565}{1136}$	$\Phi_{3408}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
65935	1142	978	$\frac{1}{163}$	$\frac{82}{489}$	$\frac{407}{978}$	$\frac{81}{163}$	$\Phi_{978}^{2}\ \Phi_{326}^{2}\ \Phi_{163}\ \Phi_{6}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
65936	1142	1134	$\frac{4}{567}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{563}{1134}$	$\Phi_{1134}^{2}\ \Phi_{378}^{2}\ \Phi_{162}^{2}\ \Phi_{126}^{2}\ \Phi_{54}^{2}\ \Phi_{42}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
65937	1142	1122	$\frac{10}{561}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{551}{1122}$	$\Phi_{1122}^{2}\ \Phi_{374}^{2}\ \Phi_{102}^{2}\ \Phi_{66}^{2}\ \Phi_{34}^{2}\ \Phi_{33}\ \Phi_{22}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
65938	1142	624	$\frac{1}{52}$	$\frac{53}{624}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{624}^{2}\ \Phi_{312}\ \Phi_{208}^{2}\ \Phi_{156}^{2}\ \Phi_{104}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{48}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{2}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{13}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
65939	1142	1120	$\frac{11}{560}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{549}{1120}$	$\Phi_{1120}^{2}\ \Phi_{224}^{2}\ \Phi_{160}^{2}\ \Phi_{32}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
65940	1142	3354	$\frac{12}{559}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{547}{1118}$	$\Phi_{3354}\ \Phi_{258}\ \Phi_{78}\ \Phi_{39}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
65941	1142	1848	$\frac{1}{44}$	$\frac{45}{616}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
65942	1142	3300	$\frac{21}{550}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{529}{1100}$	$\Phi_{3300}\ \Phi_{660}\ \Phi_{300}\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
65943	1142	1092	$\frac{1}{26}$	$\frac{25}{546}$	$\frac{1}{3}$	$\frac{521}{1092}$	$\Phi_{1092}^2\ \Phi_{364}^2\ \Phi_{156}^2\ \Phi_{84}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{28}^2\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
65944	1142	1056	$\frac{1}{44}$	$\frac{43}{528}$	$\frac{1}{3}$	$\frac{485}{1056}$	$\Phi_{1056}^2\ \Phi_{352}^2\ \Phi_{132}\ \Phi_{96}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{32}^2\ \Phi_{12}\ \Phi_6$
65945	1142	3120	$\frac{1}{52}$	$\frac{51}{520}$	$\frac{1}{3}$	$\frac{469}{1040}$	$\Phi_{3120}\ \Phi_{624}\ \Phi_{240}\ \Phi_{156}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
65946	1142	756	$\frac{4}{189}$	$\frac{1}{7}$	$\frac{185}{756}$	$\frac{3}{7}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
65947	1142	588	$\frac{17}{588}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{84}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
65948	1142	630	$\frac{4}{63}$	$\frac{59}{630}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
65949	1142	588	$\frac{17}{588}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{84}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
65950	1142	576	$\frac{5}{576}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
65951	1142	861	$\frac{6}{287}$	$\frac{1}{7}$	$\frac{281}{861}$	$\frac{290}{861}$	$\Phi_{861}\ \Phi_{287}^2\ \Phi_{123}\ \Phi_{41}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
65952	1142	858	$\frac{1}{143}$	$\frac{142}{429}$	$\frac{1}{3}$	$\frac{287}{858}$	$\Phi_{858}^2\ \Phi_{429}\ \Phi_{286}^2\ \Phi_{78}^2\ \Phi_{66}^2\ \Phi_{39}\ \Phi_{33}\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_6^2\ \Phi_2^2$
65953	1142	852	$\frac{3}{284}$	$\frac{1}{4}$	$\frac{281}{852}$	$\frac{1}{3}$	$\Phi_{852}\ \Phi_{426}\ \Phi_{284}^2\ \Phi_{213}\ \Phi_{142}^2\ \Phi_{71}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
65954	1142	660	$\frac{1}{44}$	$\frac{89}{660}$	$\frac{43}{132}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
65955	1142	624	$\frac{1}{26}$	$\frac{53}{624}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2$
65956	1142	594	$\frac{23}{594}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_2^2$
65957	1142	792	$\frac{1}{44}$	$\frac{43}{264}$	$\frac{221}{792}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{99}^2\ \Phi_{72}^2\ \Phi_{66}\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
65958	1142	780	$\frac{1}{52}$	$\frac{51}{260}$	$\frac{209}{780}$	$\frac{1}{3}$	$\Phi_{780}\ \Phi_{390}\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{30}\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
65959	1142	2112	$\frac{1}{44}$	$\frac{133}{704}$	$\frac{43}{176}$	$\frac{1}{3}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
65960	1142	2244	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{177}{748}$	$\frac{1}{3}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{204}\ \Phi_{132}\ \Phi_{102}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
65961	1142	2184	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{157}{728}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{312}\ \Phi_{168}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
65962	1142	660	$\frac{1}{22}$	$\frac{89}{660}$	$\frac{21}{110}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
65963	1142	840	$\frac{11}{280}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{269}{840}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
65964	1142	616	$\frac{45}{616}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{616}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{88}^2\ \Phi_{77}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
65965	1142	700	$\frac{11}{140}$	$\frac{1}{7}$	$\frac{129}{700}$	$\frac{3}{14}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
65966	1142	630	$\frac{59}{630}$	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{3}{14}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
65967	1142	672	$\frac{11}{112}$	$\frac{1}{7}$	$\frac{101}{672}$	$\frac{3}{14}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
65968	1143	1008	$\frac{1}{126}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{125}{252}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{252}\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{28}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
65969	1143	252	$\frac{1}{126}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{125}{252}$	$\Phi_{252}^5\ \Phi_{126}^4\ \Phi_{84}^5\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{36}^5\ \Phi_{28}^5\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_9^4\ \Phi_7^4\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
65970	1143	1240	$\frac{3}{124}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{121}{248}$	$\Phi_{1240}^2\ \Phi_{248}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
65971	1143	240	$\frac{7}{120}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{113}{240}$	$\Phi_{240}^9\ \Phi_{80}^9\ \Phi_{48}^9\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}^9\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
65972	1143	2064	$\frac{2}{129}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2064}\ \Phi_{688}\ \Phi_{129}\ \Phi_{43}\ \Phi_{16}\ \Phi_1$
65973	1143	3024	$\frac{1}{63}$	$\frac{1}{8}$	$\frac{62}{189}$	$\frac{7}{16}$	$\Phi_{3024}\ \Phi_{432}\ \Phi_{189}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
65974	1143	336	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{41}{168}$	$\frac{7}{16}$	$\Phi_{336}^6\ \Phi_{168}\ \Phi_{112}^6\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}^6\ \Phi_{28}\ \Phi_{24}\ \Phi_{16}^7\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
65975	1143	528	$\frac{5}{132}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{528}^4\ \Phi_{176}^4\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}^2\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
65976	1143	2128	$\frac{6}{133}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{2128}\ \Phi_{304}\ \Phi_{133}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
65977	1143	2352	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{20}{147}$	$\frac{7}{16}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{147}\ \Phi_{49}\ \Phi_{16}\ \Phi_1$
65978	1143	144	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{144}^7\ \Phi_{72}^9\ \Phi_{48}^7\ \Phi_{36}^9\ \Phi_{24}^9\ \Phi_{18}^8\ \Phi_{16}^8\ \Phi_{12}^9\ \Phi_9^8\ \Phi_8^9\ \Phi_6^8\ \Phi_4^9\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
65979	1143	2160	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{135}\ \Phi_{80}\ \Phi_{45}\ \Phi_{27}\ \Phi_{16}\ \Phi_{15}\ \Phi_5\ \Phi_1$
65980	1143	560	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{560}^4\ \Phi_{140}\ \Phi_{112}^2\ \Phi_{80}^4\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
65981	1143	1120	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{15}{112}$	$\frac{97}{224}$	$\Phi_{1120}^2\ \Phi_{224}\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{32}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
65982	1143	960	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{31}{96}$	$\frac{65}{192}$	$\Phi_{960}^2\ \Phi_{320}^2\ \Phi_{192}\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{64}\ \Phi_{40}^2\ \Phi_{32}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
65983	1143	571	$\frac{4}{571}$	$\frac{189}{571}$	$\frac{190}{571}$	$\frac{191}{571}$	$\Phi_{571}^2\ \Phi_1^3$
65984	1143	516	$\frac{2}{129}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{516}^2\ \Phi_{258}^2\ \Phi_{172}^2\ \Phi_{129}^3\ \Phi_{86}^2\ \Phi_{43}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
65985	1143	756	$\frac{1}{63}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{62}{189}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{189}^3\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
65986	1143	720	$\frac{1}{10}$	$\frac{17}{144}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
65987	1143	168	$\frac{1}{42}$	$\frac{41}{168}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{168}^9\ \Phi_{84}^5\ \Phi_{56}^9\ \Phi_{42}^4\ \Phi_{28}^5\ \Phi_{24}^9\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_8^9\ \Phi_7^4\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
65988	1143	132	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{132}^9\ \Phi_{66}^9\ \Phi_{44}^9\ \Phi_{33}^9\ \Phi_{22}^9\ \Phi_{12}^5\ \Phi_{11}^9\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
65989	1143	532	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{532}^2\ \Phi_{266}^2\ \Phi_{133}^3\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
65990	1143	588	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{147}^3\ \Phi_{98}^2\ \Phi_{49}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
65991	1143	144	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{144}^9\ \Phi_{72}^9\ \Phi_{48}^9\ \Phi_{36}^5\ \Phi_{24}^9\ \Phi_{18}^4\ \Phi_{16}^9\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^9\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
65992	1143	540	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^3\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{27}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
65993	1143	140	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^9\ \Phi_{70}^9\ \Phi_{35}^9\ \Phi_{28}^5\ \Phi_{20}^9\ \Phi_{14}^4\ \Phi_{10}^9\ \Phi_7^4\ \Phi_5^9\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
65994	1143	160	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{160}$	$\Phi_{160}^9\ \Phi_{80}^9\ \Phi_{40}^2\ \Phi_{32}^9\ \Phi_{20}^2\ \Phi_{16}^9\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
65995	1143	155	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{28}{155}$	$\frac{1}{5}$	$\Phi_{155}^7\ \Phi_{31}^9\ \Phi_5^6\ \Phi_1^9$
65996	1144	285	$\frac{1}{285}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{142}{285}$	$\Phi_{285}^4\ \Phi_{95}^4\ \Phi_{57}^4\ \Phi_{19}^4\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
65997	1144	1143	$\frac{5}{1143}$	$\frac{287}{1143}$	$\frac{428}{1143}$	$\frac{569}{1143}$	$\Phi_{1143}\ \Phi_{381}\ \Phi_{127}\ \Phi_9\ \Phi_3\ \Phi_1^2$
65998	1144	573	$\frac{1}{191}$	$\frac{48}{191}$	$\frac{1}{3}$	$\frac{95}{191}$	$\Phi_{573}^3\ \Phi_3^2$
65999	1144	1988	$\frac{1}{142}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{141}{284}$	$\Phi_{1988}\ \Phi_{284}^2\ \Phi_{28}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
66000	1144	4260	$\frac{1}{142}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{141}{284}$	$\Phi_{4260}\ \Phi_{60}\ \Phi_{15}$
66001	1144	254	$\frac{1}{127}$	$\frac{16}{127}$	$\frac{111}{254}$	$\frac{63}{127}$	$\Phi_{254}^8\ \Phi_{127}\ \Phi_2^8\ \Phi_1^2$
66002	1144	381	$\frac{1}{127}$	$\frac{95}{381}$	$\frac{32}{127}$	$\frac{63}{127}$	$\Phi_{381}^4\ \Phi_{127}\ \Phi_3^4\ \Phi_1^2$
66003	1144	567	$\frac{5}{567}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{281}{567}$	$\Phi_{567}^2\ \Phi_{189}^2\ \Phi_{81}^2\ \Phi_{63}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_9^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^4$
66004	1144	2060	$\frac{1}{103}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{51}{103}$	$\Phi_{2060}\ \Phi_{412}\ \Phi_{103}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
66005	1144	1545	$\frac{1}{103}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{51}{103}$	$\Phi_{1545}\ \Phi_{309}\ \Phi_{103}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
66006	1144	696	$\frac{1}{87}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{43}{87}$	$\Phi_{696}^3\ \Phi_{232}^3\ \Phi_{87}\ \Phi_{29}\ \Phi_{24}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
66007	1144	435	$\frac{1}{87}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{43}{87}$	$\Phi_{435}^3\ \Phi_{145}^3\ \Phi_{87}\ \Phi_{29}\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
66008	1144	522	$\frac{1}{87}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{43}{87}$	$\Phi_{522}^3\ \Phi_{261}^3\ \Phi_{87}\ \Phi_{29}\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
66009	1144	1392	$\frac{1}{87}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{43}{87}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{232}\ \Phi_{87}\ \Phi_{48}\ \Phi_{29}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
66010	1144	846	$\frac{2}{141}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{139}{282}$	$\Phi_{846}^3\ \Phi_{282}^2\ \Phi_{94}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66011	1144	357	$\frac{1}{51}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{25}{51}$	$\Phi_{357}^3\ \Phi_{119}^3\ \Phi_{51}^4\ \Phi_{21}^4\ \Phi_{17}^4\ \Phi_7^4\ \Phi_3^5\ \Phi_1^6$
66012	1144	204	$\frac{1}{51}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{204}^6\ \Phi_{102}^6\ \Phi_{68}^6\ \Phi_{51}^4\ \Phi_{34}^6\ \Phi_{17}^4\ \Phi_{12}^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
66013	1144	714	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{25}{51}$	$\Phi_{714}^2\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{119}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{42}^2\ \Phi_{34}^2\ \Phi_{21}\ \Phi_{17}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
66014	1144	1143	$\frac{23}{1143}$	$\frac{53}{1143}$	$\frac{545}{1143}$	$\frac{560}{1143}$	$\Phi_{1143}\ \Phi_{381}\ \Phi_{127}\ \Phi_9\ \Phi_3\ \Phi_1^2$
66015	1144	576	$\frac{1}{48}$	$\frac{1}{9}$	$\frac{49}{192}$	$\frac{47}{96}$	$\Phi_{576}^3\ \Phi_{192}^2\ \Phi_{144}^3\ \Phi_{72}^3\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{36}^3\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66016	1144	2520	$\frac{3}{140}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{137}{280}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{168}\ \Phi_{120}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
66017	1144	280	$\frac{3}{140}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{137}{280}$	$\Phi_{280}^8\ \Phi_{56}^8\ \Phi_{40}^8\ \Phi_{35}\ \Phi_8^8$
66018	1144	1075	$\frac{1}{43}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{21}{43}$	$\Phi_{1075}\ \Phi_{215}\ \Phi_{43}^2\ \Phi_{25}^2\ \Phi_5^2\ \Phi_1^4$
66019	1144	1806	$\frac{1}{43}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{258}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
66020	1144	645	$\frac{1}{43}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{21}{43}$	$\Phi_{645}^2\ \Phi_{215}\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_{15}^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
66021	1144	127	$\frac{3}{127}$	$\frac{5}{127}$	$\frac{61}{127}$	$\frac{62}{127}$	$\Phi_{127}^9\ \Phi_1^{10}$
66022	1144	820	$\frac{1}{41}$	$\frac{21}{164}$	$\frac{1}{5}$	$\frac{20}{41}$	$\Phi_{820}^2\ \Phi_{410}^2\ \Phi_{205}\ \Phi_{20}^2\ \Phi_{10}^2$
66023	1144	279	$\frac{7}{279}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{136}{279}$	$\Phi_{279}^4\ \Phi_{93}^4\ \Phi_{31}^4\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
66024	1144	420	$\frac{1}{35}$	$\frac{1}{12}$	$\frac{9}{35}$	$\frac{17}{35}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{30}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2$
66025	1144	1246	$\frac{3}{89}$	$\frac{1}{14}$	$\frac{23}{89}$	$\frac{43}{89}$	$\Phi_{1246}\ \Phi_{623}\ \Phi_{178}$
66026	1144	1143	$\frac{41}{1143}$	$\frac{77}{1143}$	$\frac{296}{1143}$	$\frac{551}{1143}$	$\Phi_{1143}\ \Phi_{381}\ \Phi_{127}\ \Phi_9\ \Phi_3\ \Phi_1^2$
66027	1144	828	$\frac{5}{138}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{133}{276}$	$\Phi_{828}^3\ \Phi_{276}^2\ \Phi_{92}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66028	1144	573	$\frac{7}{191}$	$\frac{9}{191}$	$\frac{1}{3}$	$\frac{92}{191}$	$\Phi_{573}^3\ \Phi_3^2$
66029	1144	1725	$\frac{1}{25}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{1725}\ \Phi_{345}\ \Phi_{69}^2$
66030	1144	1075	$\frac{1}{25}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{12}{25}$	$\Phi_{1075}\ \Phi_{215}\ \Phi_{43}^2\ \Phi_{25}^2\ \Phi_5^2\ \Phi_1^4$
66031	1144	300	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^4\ \Phi_{60}^5\ \Phi_{50}^4\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4$
66032	1144	1143	$\frac{49}{1143}$	$\frac{65}{1143}$	$\frac{298}{1143}$	$\frac{547}{1143}$	$\Phi_{1143}\ \Phi_{381}\ \Phi_{127}\ \Phi_9\ \Phi_3\ \Phi_1^2$
66033	1144	573	$\frac{23}{573}$	$\frac{25}{573}$	$\frac{1}{3}$	$\frac{274}{573}$	$\Phi_{573}^2\ \Phi_{191}^2\ \Phi_3\ \Phi_1^2$
66034	1144	189	$\frac{1}{27}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{189}^6\ \Phi_{63}^6\ \Phi_{27}^8\ \Phi_{21}^4\ \Phi_9^8\ \Phi_7^4\ \Phi_3^5\ \Phi_1^6$
66035	1144	357	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{10}{21}$	$\Phi_{357}^3\ \Phi_{119}^3\ \Phi_{51}^3\ \Phi_{21}^4\ \Phi_{17}^6\ \Phi_7^4\ \Phi_3^4\ \Phi_1^8$
66036	1144	210	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{210}^7\ \Phi_{105}^6\ \Phi_{70}^8\ \Phi_{35}^7\ \Phi_{30}^7\ \Phi_{15}^6\ \Phi_{10}^8\ \Phi_5^6$
66037	1144	252	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{11}{63}$	$\frac{10}{21}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^3\ \Phi_{63}^4\ \Phi_{42}^3\ \Phi_{36}^6\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{18}^6\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66038	1144	2448	$\frac{7}{136}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{129}{272}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
66039	1144	1219	$\frac{1}{23}$	$\frac{3}{53}$	$\frac{14}{53}$	$\frac{25}{53}$	Φ_{1219}
66040	1144	1143	$\frac{55}{1143}$	$\frac{67}{1143}$	$\frac{272}{1143}$	$\frac{538}{1143}$	$\Phi_{1143}\ \Phi_{381}\ \Phi_{127}\ \Phi_9\ \Phi_3\ \Phi_1^2$
66041	1144	270	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{127}{270}$	$\Phi_{270}^8\ \Phi_{90}^8\ \Phi_{54}^8\ \Phi_{30}^8\ \Phi_{18}^8\ \Phi_{10}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
66042	1144	588	$\frac{3}{49}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{23}{49}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
66043	1144	1440	$\frac{1}{16}$	$\frac{17}{160}$	$\frac{1}{9}$	$\frac{15}{32}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
66044	1144	135	$\frac{1}{27}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{135}^{9}\ \Phi_{45}^{9}\ \Phi_{27}^{8}\ \Phi_{15}^{6}\ \Phi_{9}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
66045	1144	60	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{7}{15}$	$\Phi_{60}^{21}\ \Phi_{30}^{21}\ \Phi_{20}^{21}\ \Phi_{15}^{14}\ \Phi_{12}^{20}\ \Phi_{10}^{21}\ \Phi_{6}^{20}\ \Phi_{5}^{14}\ \Phi_{4}^{20}\ \Phi_{3}^{13}\ \Phi_{2}^{20}\ \Phi_{1}^{14}$
66046	1144	1143	$\frac{47}{1143}$	$\frac{79}{1143}$	$\frac{274}{1143}$	$\frac{532}{1143}$	$\Phi_{1143}\ \Phi_{381}\ \Phi_{127}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
66047	1144	127	$\frac{9}{127}$	$\frac{10}{127}$	$\frac{17}{127}$	$\frac{59}{127}$	$\Phi_{127}^{9}\ \Phi_{1}^{10}$
66048	1144	205	$\frac{2}{41}$	$\frac{3}{41}$	$\frac{1}{5}$	$\frac{19}{41}$	$\Phi_{205}^{7}\ \Phi_{5}^{6}$
66049	1144	1143	$\frac{38}{1143}$	$\frac{85}{1143}$	$\frac{307}{1143}$	$\frac{529}{1143}$	$\Phi_{1143}\ \Phi_{381}\ \Phi_{127}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
66050	1144	573	$\frac{14}{573}$	$\frac{43}{573}$	$\frac{1}{3}$	$\frac{265}{573}$	$\Phi_{573}^{2}\ \Phi_{191}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
66051	1144	1246	$\frac{1}{14}$	$\frac{7}{89}$	$\frac{12}{89}$	$\frac{41}{89}$	$\Phi_{1246}\ \Phi_{623}\ \Phi_{178}$
66052	1144	360	$\frac{1}{45}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{360}^{6}\ \Phi_{120}^{6}\ \Phi_{72}^{6}\ \Phi_{45}^{2}\ \Phi_{40}^{6}\ \Phi_{24}^{4}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{4}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
66053	1144	696	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{7}{29}$	$\frac{11}{24}$	$\Phi_{696}^{3}\ \Phi_{232}^{3}\ \Phi_{29}^{3}\ \Phi_{24}^{4}\ \Phi_{8}^{4}\ \Phi_{1}^{4}$
66054	1144	2760	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{115}$
66055	1144	696	$\frac{7}{87}$	$\frac{1}{12}$	$\frac{10}{87}$	$\frac{11}{24}$	$\Phi_{696}^{3}\ \Phi_{232}^{3}\ \Phi_{87}\ \Phi_{29}\ \Phi_{24}^{4}\ \Phi_{8}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
66056	1144	72	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{24}$	$\Phi_{72}^{33}\ \Phi_{36}^{3}\ \Phi_{24}^{22}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{22}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
66057	1144	1143	$\frac{76}{1143}$	$\frac{97}{1143}$	$\frac{155}{1143}$	$\frac{523}{1143}$	$\Phi_{1143}\ \Phi_{381}\ \Phi_{127}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
66058	1144	1435	$\frac{12}{287}$	$\frac{25}{287}$	$\frac{1}{5}$	$\frac{131}{287}$	$\Phi_{1435}\ \Phi_{205}\ \Phi_{35}$
66059	1144	1143	$\frac{32}{1143}$	$\frac{101}{1143}$	$\frac{311}{1143}$	$\frac{521}{1143}$	$\Phi_{1143}\ \Phi_{381}\ \Phi_{127}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
66060	1144	573	$\frac{4}{191}$	$\frac{17}{191}$	$\frac{1}{3}$	$\frac{87}{191}$	$\Phi_{573}^{3}\ \Phi_{3}^{2}$
66061	1144	3180	$\frac{1}{53}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{3180}\ \Phi_{636}\ \Phi_{159}$
66062	1144	2060	$\frac{3}{103}$	$\frac{1}{10}$	$\frac{25}{103}$	$\frac{9}{20}$	$\Phi_{2060}\ \Phi_{412}\ \Phi_{103}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
66063	1144	540	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{540}^{4}\ \Phi_{180}^{4}\ \Phi_{135}\ \Phi_{108}^{4}\ \Phi_{60}^{4}\ \Phi_{45}\ \Phi_{36}^{4}\ \Phi_{15}\ \Phi_{12}^{4}$
66064	1144	2060	$\frac{7}{103}$	$\frac{1}{10}$	$\frac{12}{103}$	$\frac{9}{20}$	$\Phi_{2060}\ \Phi_{412}\ \Phi_{103}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
66065	1144	1260	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{1260}^{2}\ \Phi_{420}^{2}\ \Phi_{252}^{2}\ \Phi_{180}\ \Phi_{126}\ \Phi_{84}^{2}\ \Phi_{63}\ \Phi_{60}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
66066	1144	90	$\frac{1}{45}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{90}^{18}\ \Phi_{45}^{8}\ \Phi_{30}^{18}\ \Phi_{18}^{16}\ \Phi_{15}^{8}\ \Phi_{10}^{18}\ \Phi_{9}^{7}\ \Phi_{6}^{16}\ \Phi_{5}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{16}\ \Phi_{1}^{8}$
66067	1144	189	$\frac{5}{189}$	$\frac{1}{9}$	$\frac{46}{189}$	$\frac{4}{9}$	$\Phi_{189}^{6}\ \Phi_{63}^{6}\ \Phi_{27}^{6}\ \Phi_{21}^{6}\ \Phi_{9}^{7}\ \Phi_{7}^{6}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
66068	1144	27	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{27}^{42}\ \Phi_{9}^{43}\ \Phi_{3}^{43}\ \Phi_{1}^{44}$
66069	1144	162	$\frac{5}{81}$	$\frac{1}{9}$	$\frac{19}{162}$	$\frac{4}{9}$	$\Phi_{162}^{8}\ \Phi_{81}^{6}\ \Phi_{54}^{8}\ \Phi_{27}^{6}\ \Phi_{18}^{8}\ \Phi_{9}^{7}\ \Phi_{6}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
66070	1144	315	$\frac{5}{63}$	$\frac{29}{315}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{315}^{4}\ \Phi_{105}^{4}\ \Phi_{63}^{2}\ \Phi_{45}^{4}\ \Phi_{35}^{4}\ \Phi_{21}^{2}\ \Phi_{15}^{4}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
66071	1144	2304	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{15}{128}$	$\frac{113}{256}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
66072	1144	254	$\frac{3}{127}$	$\frac{16}{127}$	$\frac{31}{127}$	$\frac{111}{254}$	$\Phi_{254}^{8}\ \Phi_{127}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
66073	1144	254	$\frac{7}{127}$	$\frac{15}{127}$	$\frac{16}{127}$	$\frac{111}{254}$	$\Phi_{254}^{8}\ \Phi_{127}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
66074	1144	252	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{17}{126}$	$\frac{109}{252}$	$\Phi_{252}^{8}\ \Phi_{84}^{8}\ \Phi_{36}^{8}\ \Phi_{28}^{8}\ \Phi_{18}^{8}\ \Phi_{12}^{8}\ \Phi_{9}^{7}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
66075	1144	1491	$\frac{1}{71}$	$\frac{1}{7}$	$\frac{70}{213}$	$\frac{3}{7}$	$\Phi_{1491}\ \Phi_{213}^{2}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
66076	1144	735	$\frac{4}{147}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{735}^{2}\ \Phi_{245}^{2}\ \Phi_{105}^{2}\ \Phi_{35}\ \Phi_{15}^{2}$
66077	1144	497	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{497}^{2}\ \Phi_{71}^{4}\ \Phi_{7}^{3}\ \Phi_{1}^{6}$
66078	1144	84	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{84}^{15}\ \Phi_{42}^{15}\ \Phi_{28}^{15}\ \Phi_{21}^{15}\ \Phi_{14}^{7}\ \Phi_{12}^{14}\ \Phi_{7}^{8}\ \Phi_{6}^{14}\ \Phi_{4}^{14}\ \Phi_{3}^{14}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
66079	1144	180	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{7}{45}$	$\frac{19}{45}$	$\Phi_{180}^{6}\ \Phi_{90}^{6}\ \Phi_{60}^{9}\ \Phi_{45}^{4}\ \Phi_{36}^{6}\ \Phi_{30}^{9}\ \Phi_{20}^{9}\ \Phi_{18}^{6}\ \Phi_{15}^{6}\ \Phi_{12}^{8}\ \Phi_{10}^{9}\ \Phi_{9}^{4}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
66080	1144	1230	$\frac{1}{41}$	$\frac{20}{123}$	$\frac{1}{5}$	$\frac{103}{246}$	$\Phi_{1230}^{2}\ \Phi_{410}^{2}\ \Phi_{205}\ \Phi_{30}^{2}\ \Phi_{10}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
66081	1144	720	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{23}{120}$	$\frac{97}{240}$	$\Phi_{720}^{3}\ \Phi_{240}^{2}\ \Phi_{144}^{3}\ \Phi_{80}^{2}\ \Phi_{72}^{3}\ \Phi_{48}^{2}\ \Phi_{36}^{3}\ \Phi_{24}^{2}\ \Phi_{18}^{3}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
66082	1144	675	$\frac{1}{27}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{675}^{2}\ \Phi_{225}^{2}\ \Phi_{135}\ \Phi_{75}^{2}\ \Phi_{45}\ \Phi_{15}$
66083	1144	660	$\frac{3}{55}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{2}\ \Phi_{165}^{2}\ \Phi_{132}^{2}\ \Phi_{110}^{2}\ \Phi_{66}^{2}\ \Phi_{60}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{30}\ \Phi_{22}^{2}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
66084	1144	630	$\frac{1}{105}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{630}^{3}\ \Phi_{210}^{3}\ \Phi_{126}^{3}\ \Phi_{105}^{2}\ \Phi_{90}^{3}\ \Phi_{70}^{3}\ \Phi_{42}^{3}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{3}\ \Phi_{10}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
66085	1144	54	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{54}^{36}\ \Phi_{27}^{8}\ \Phi_{18}^{32}\ \Phi_{9}^{7}\ \Phi_{6}^{32}\ \Phi_{3}^{7}\ \Phi_{2}^{32}\ \Phi_{1}^{8}$
66086	1144	127	$\frac{6}{127}$	$\frac{11}{127}$	$\frac{29}{127}$	$\frac{49}{127}$	$\Phi_{127}^{9}\ \Phi_{1}^{10}$
66087	1144	1143	$\frac{64}{1143}$	$\frac{83}{1143}$	$\frac{265}{1143}$	$\frac{439}{1143}$	$\Phi_{1143}\ \Phi_{381}\ \Phi_{127}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
66088	1144	1246	$\frac{5}{89}$	$\frac{1}{14}$	$\frac{21}{89}$	$\frac{34}{89}$	$\Phi_{1246}\ \Phi_{623}\ \Phi_{178}$
66089	1144	84	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{5}{21}$	$\frac{8}{21}$	$\Phi_{84}^{15}\ \Phi_{42}^{15}\ \Phi_{28}^{15}\ \Phi_{21}^{10}\ \Phi_{14}^{15}\ \Phi_{12}^{14}\ \Phi_{7}^{10}\ \Phi_{6}^{14}\ \Phi_{4}^{14}\ \Phi_{3}^{9}\ \Phi_{2}^{14}\ \Phi_{1}^{10}$
66090	1144	1680	$\frac{1}{105}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{112}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
66091	1144	216	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{35}{108}$	$\frac{73}{216}$	$\Phi_{216}^{8}\ \Phi_{72}^{8}\ \Phi_{36}^{8}\ \Phi_{24}^{8}\ \Phi_{18}^{8}\ \Phi_{12}^{8}\ \Phi_{9}^{7}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
66092	1144	144	$\frac{1}{144}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{144}^{8}\ \Phi_{72}^{8}\ \Phi_{48}^{8}\ \Phi_{36}^{8}\ \Phi_{24}^{8}\ \Phi_{18}^{8}\ \Phi_{16}^{8}\ \Phi_{12}^{8}\ \Phi_{9}^{8}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
66093	1144	855	$\frac{2}{285}$	$\frac{283}{855}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{855}^{2}\ \Phi_{171}^{2}\ \Phi_{45}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
66094	1144	570	$\frac{1}{95}$	$\frac{47}{190}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{570}^{2}\ \Phi_{285}\ \Phi_{190}^{4}\ \Phi_{114}^{2}\ \Phi_{95}^{2}\ \Phi_{57}\ \Phi_{38}^{4}\ \Phi_{30}^{2}\ \Phi_{19}^{2}\ \Phi_{15}\ \Phi_{10}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
66095	1144	435	$\frac{2}{145}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{435}^{2}\ \Phi_{145}^{4}\ \Phi_{87}^{2}\ \Phi_{29}^{4}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
66096	1144	171	$\frac{1}{57}$	$\frac{28}{171}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{171}^{8}\ \Phi_{57}^{4}\ \Phi_{19}^{4}\ \Phi_{9}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
66097	1144	45	$\frac{1}{45}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{45}^{26}\ \Phi_{15}^{24}\ \Phi_{9}^{26}\ \Phi_{5}^{24}\ \Phi_{3}^{25}\ \Phi_{1}^{26}$
66098	1144	57	$\frac{2}{57}$	$\frac{5}{57}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{57}^{20}\ \Phi_{19}^{20}\ \Phi_{3}^{21}\ \Phi_{1}^{22}$
66099	1144	108	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{108}^{12}\ \Phi_{54}^{12}\ \Phi_{36}^{12}\ \Phi_{27}^{8}\ \Phi_{18}^{12}\ \Phi_{12}^{8}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
66100	1144	285	$\frac{4}{95}$	$\frac{7}{95}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{285}^{3}\ \Phi_{95}^{6}\ \Phi_{57}^{3}\ \Phi_{19}^{6}\ \Phi_{15}^{3}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
66101	1144	966	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{322}^{2}\ \Phi_{161}^{2}\ \Phi_{138}\ \Phi_{46}^{2}$
66102	1144	150	$\frac{7}{150}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{150}^{8}\ \Phi_{75}^{8}\ \Phi_{50}^{8}\ \Phi_{30}^{8}\ \Phi_{25}^{8}\ \Phi_{15}^{4}\ \Phi_{10}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
66103	1144	456	$\frac{1}{19}$	$\frac{9}{152}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{456}^{2}\ \Phi_{228}^{2}\ \Phi_{152}^{4}\ \Phi_{114}^{2}\ \Phi_{76}^{4}\ \Phi_{57}\ \Phi_{38}^{4}\ \Phi_{24}^{2}\ \Phi_{19}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
66104	1144	1065	$\frac{1}{71}$	$\frac{1}{5}$	$\frac{70}{213}$	$\frac{1}{3}$	$\Phi_{1065}\ \Phi_{355}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}$
66105	1144	612	$\frac{2}{51}$	$\frac{1}{12}$	$\frac{49}{153}$	$\frac{1}{3}$	$\Phi_{612}^{3}\ \Phi_{306}^{3}\ \Phi_{153}^{2}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
66106	1144	189	$\frac{1}{27}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{189}^{6}\ \Phi_{63}^{5}\ \Phi_{27}^{8}\ \Phi_{21}^{6}\ \Phi_{9}^{7}\ \Phi_{7}^{6}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
66107	1144	90	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{90}^{12}\ \Phi_{45}^{14}\ \Phi_{30}^{12}\ \Phi_{18}^{10}\ \Phi_{15}^{14}\ \Phi_{10}^{12}\ \Phi_{9}^{12}\ \Phi_{6}^{12}\ \Phi_{5}^{14}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
66108	1144	795	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{795}\ \Phi_{265}^{2}\ \Phi_{159}^{2}\ \Phi_{53}^{2}$
66109	1144	720	$\frac{1}{45}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{144}^{2}\ \Phi_{120}^{2}\ \Phi_{80}^{2}\ \Phi_{72}^{2}\ \Phi_{48}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
66110	1144	435	$\frac{1}{29}$	$\frac{2}{15}$	$\frac{7}{29}$	$\frac{1}{3}$	$\Phi_{435}^{3}\ \Phi_{145}^{3}\ \Phi_{29}^{3}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
66111	1144	204	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{204}^{6}\ \Phi_{102}^{6}\ \Phi_{68}^{6}\ \Phi_{51}^{3}\ \Phi_{34}^{6}\ \Phi_{17}^{6}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
66112	1144	1806	$\frac{3}{43}$	$\frac{1}{14}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{258}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{6}^{2}$
66113	1144	573	$\frac{40}{573}$	$\frac{41}{573}$	$\frac{133}{573}$	$\frac{1}{3}$	$\Phi_{573}^{2}\ \Phi_{191}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
66114	1144	573	$\frac{34}{573}$	$\frac{49}{573}$	$\frac{131}{573}$	$\frac{1}{3}$	$\Phi_{573}^{2}\ \Phi_{191}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
66115	1144	378	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{378}^{4}\ \Phi_{189}^{2}\ \Phi_{126}^{4}\ \Phi_{63}^{2}\ \Phi_{54}^{4}\ \Phi_{42}^{2}\ \Phi_{27}^{4}\ \Phi_{21}\ \Phi_{18}^{4}\ \Phi_{14}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
66116	1144	345	$\frac{1}{23}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{345}^{3}\ \Phi_{115}^{4}\ \Phi_{69}^{4}\ \Phi_{23}^{4}$
66117	1144	1065	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1065}^{2}\ \Phi_{15}^{3}$
66118	1144	420	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{420}^{4}\ \Phi_{210}^{3}\ \Phi_{140}^{4}\ \Phi_{105}^{3}\ \Phi_{70}^{4}\ \Phi_{60}^{2}\ \Phi_{35}^{4}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$
66119	1144	435	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{435}^{3}\ \Phi_{145}^{3}\ \Phi_{87}\ \Phi_{29}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
66120	1144	180	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{180}^{9}\ \Phi_{90}^{9}\ \Phi_{60}^{6}\ \Phi_{45}^{6}\ \Phi_{36}^{3}\ \Phi_{30}^{6}\ \Phi_{20}^{6}\ \Phi_{18}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{2}\ \Phi_{10}^{6}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
66121	1144	1845	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{83}{369}$	$\frac{40}{123}$	$\Phi_{1845}\ \Phi_{205}\ \Phi_{45}$
66122	1144	210	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{67}{210}$	$\Phi_{210}^{8}\ \Phi_{105}^{8}\ \Phi_{42}^{8}\ \Phi_{35}\ \Phi_{30}^{8}\ \Phi_{21}^{8}\ \Phi_{15}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{8}$
66123	1144	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{5}{16}$	$\Phi_{144}^{9}\ \Phi_{72}^{9}\ \Phi_{48}^{9}\ \Phi_{36}^{9}\ \Phi_{24}^{9}\ \Phi_{18}^{9}\ \Phi_{12}^{9}\ \Phi_{9}^{8}\ \Phi_{6}^{9}\ \Phi_{3}^{8}$
66124	1144	540	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{31}{135}$	$\frac{14}{45}$	$\Phi_{540}^{3}\ \Phi_{270}^{3}\ \Phi_{135}^{2}\ \Phi_{108}^{3}\ \Phi_{60}^{3}\ \Phi_{54}^{3}\ \Phi_{30}^{3}\ \Phi_{27}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
66125	1144	300	$\frac{2}{25}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{23}{75}$	$\Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{100}^{4}\ \Phi_{75}^{2}\ \Phi_{60}^{5}\ \Phi_{50}^{4}\ \Phi_{30}^{5}\ \Phi_{25}^{4}\ \Phi_{20}^{5}\ \Phi_{15}^{3}\ \Phi_{12}^{4}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
66126	1144	162	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{19}{162}$	$\frac{8}{27}$	$\Phi_{162}^{8}\ \Phi_{81}^{8}\ \Phi_{54}^{8}\ \Phi_{18}^{8}\ \Phi_{9}^{7}\ \Phi_{6}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
66127	1144	588	$\frac{1}{12}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{147}$	$\Phi_{588}^{2}\ \Phi_{294}^{2}\ \Phi_{196}^{2}\ \Phi_{147}\ \Phi_{98}^{2}\ \Phi_{84}^{3}\ \Phi_{49}^{2}\ \Phi_{42}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
66128	1144	522	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{7}{29}$	$\frac{5}{18}$	$\Phi_{522}^{3}\ \Phi_{261}^{3}\ \Phi_{29}^{3}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{1}^{4}$
66129	1144	2070	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{115}$
66130	1144	522	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{522}^{3}\ \Phi_{261}^{3}\ \Phi_{87}\ \Phi_{29}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
66131	1144	36	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{36}^{33}\ \Phi_{18}^{28}\ \Phi_{12}^{38}\ \Phi_{9}^{27}\ \Phi_{6}^{32}\ \Phi_{4}^{38}\ \Phi_{3}^{31}\ \Phi_{2}^{32}\ \Phi_{1}^{32}$
66132	1144	1545	$\frac{3}{103}$	$\frac{1}{5}$	$\frac{25}{103}$	$\frac{4}{15}$	$\Phi_{1545}\ \Phi_{309}\ \Phi_{103}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
66133	1144	135	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{135}^{9}\ \Phi_{45}^{9}\ \Phi_{27}^{8}\ \Phi_{15}^{5}\ \Phi_{9}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
66134	1144	1545	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1545}\ \Phi_{309}\ \Phi_{103}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
66135	1144	630	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{210}\ \Phi_{126}^{3}\ \Phi_{105}\ \Phi_{90}^{2}\ \Phi_{70}^{2}\ \Phi_{63}^{3}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{21}^{2}\ \Phi_{18}^{3}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
66136	1144	576	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{15}{64}$	$\frac{49}{192}$	$\Phi_{576}^{2}\ \Phi_{288}^{2}\ \Phi_{192}\ \Phi_{144}^{3}\ \Phi_{96}\ \Phi_{72}^{3}\ \Phi_{64}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{3}\ \Phi_{32}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{3}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
66137	1144	381	$\frac{3}{127}$	$\frac{31}{127}$	$\frac{95}{381}$	$\frac{32}{127}$	$\Phi_{381}^{4}\ \Phi_{127}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
66138	1144	464	$\frac{1}{29}$	$\frac{3}{16}$	$\frac{7}{29}$	$\frac{1}{4}$	$\Phi_{464}^{3}\ \Phi_{232}^{3}\ \Phi_{29}^{3}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{1}^{4}$
66139	1144	1840	$\frac{1}{23}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{115}$
66140	1144	1392	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{232}\ \Phi_{87}\ \Phi_{48}\ \Phi_{29}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
66141	1144	144	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{144}^{11}\ \Phi_{72}^{11}\ \Phi_{48}^{7}\ \Phi_{36}^{3}\ \Phi_{24}^{7}\ \Phi_{18}^{3}\ \Phi_{16}^{8}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{8}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
66142	1144	1440	$\frac{17}{160}$	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
66143	1144	504	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{25}{168}$	$\frac{1}{4}$	$\Phi_{504}^{3}\ \Phi_{252}^{2}\ \Phi_{168}^{2}\ \Phi_{126}^{2}\ \Phi_{84}\ \Phi_{72}^{3}\ \Phi_{63}^{2}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{36}^{3}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{18}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
66144	1144	238	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{4}{17}$	$\Phi_{238}^{6}\ \Phi_{119}^{3}\ \Phi_{34}^{6}\ \Phi_{17}^{6}\ \Phi_{14}^{8}\ \Phi_{7}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
66145	1144	645	$\frac{3}{43}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{10}{43}$	$\Phi_{645}^{2}\ \Phi_{215}\ \Phi_{129}^{2}\ \Phi_{43}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
66146	1144	161	$\frac{18}{161}$	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{5}{23}$	$\Phi_{161}^{7}\ \Phi_{23}^{8}\ \Phi_{7}^{6}\ \Phi_{1}^{8}$
66147	1144	70	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{70}^{20}\ \Phi_{35}^{21}\ \Phi_{10}^{20}\ \Phi_{5}^{20}$
66148	1144	180	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{180}$	$\Phi_{180}^{8}\ \Phi_{90}^{8}\ \Phi_{60}^{8}\ \Phi_{36}^{8}\ \Phi_{30}^{8}\ \Phi_{20}^{8}\ \Phi_{18}^{8}\ \Phi_{12}^{8}\ \Phi_{10}^{8}\ \Phi_{9}^{7}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
66149	1144	60	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{60}^{21}\ \Phi_{30}^{21}\ \Phi_{20}^{21}\ \Phi_{15}^{13}\ \Phi_{12}^{20}\ \Phi_{10}^{21}\ \Phi_{6}^{20}\ \Phi_{5}^{16}\ \Phi_{4}^{20}\ \Phi_{3}^{12}\ \Phi_{2}^{20}\ \Phi_{1}^{16}$
66150	1144	175	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{32}{175}$	$\frac{1}{5}$	$\Phi_{175}^{8}\ \Phi_{35}\ \Phi_{25}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
66151	1144	315	$\frac{29}{315}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{35}\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_3^4$
66152	1144	1500	$\frac{1}{12}$	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{250}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
66153	1144	840	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{168}$	$\frac{1}{5}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{15}^2$
66154	1145	456	$\frac{1}{228}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{227}{456}$	$\Phi_{456}\ \Phi_{228}^4\ \Phi_{152}\ \Phi_{114}^4\ \Phi_{76}^4\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{24}\ \Phi_{19}^4\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
66155	1145	2272	$\frac{9}{1136}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1127}{2272}$	$\Phi_{2272}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
66156	1145	416	$\frac{1}{104}$	$\frac{21}{208}$	$\frac{187}{416}$	$\frac{103}{208}$	$\Phi_{416}^5\ \Phi_{208}\ \Phi_{32}^5\ \Phi_{16}\ \Phi_1$
66157	1145	2112	$\frac{1}{88}$	$\frac{89}{1056}$	$\frac{967}{2112}$	$\frac{87}{176}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{176}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
66158	1145	1584	$\frac{1}{88}$	$\frac{89}{528}$	$\frac{439}{1584}$	$\frac{87}{176}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
66159	1145	1408	$\frac{1}{88}$	$\frac{263}{1408}$	$\frac{89}{352}$	$\frac{87}{176}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{176}\ \Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
66160	1145	2256	$\frac{17}{1128}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1111}{2256}$	$\Phi_{2256}\ \Phi_{752}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
66161	1145	450	$\frac{4}{225}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{221}{450}$	$\Phi_{450}^2\ \Phi_{225}^3\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}^3\ \Phi_{50}^2\ \Phi_{45}^3\ \Phi_{30}^3\ \Phi_{25}^3\ \Phi_{18}^2\ \Phi_{15}^4\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^2\ \Phi_5^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
66162	1145	1536	$\frac{7}{384}$	$\frac{1}{8}$	$\frac{391}{1536}$	$\frac{377}{768}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
66163	1145	1312	$\frac{3}{164}$	$\frac{167}{1312}$	$\frac{1}{4}$	$\frac{161}{328}$	$\Phi_{1312}\ \Phi_{656}\ \Phi_{164}\ \Phi_{82}\ \Phi_{41}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
66164	1145	2244	$\frac{23}{1122}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1099}{2244}$	$\Phi_{2244}\ \Phi_{748}\ \Phi_{204}\ \Phi_{132}\ \Phi_{68}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
66165	1145	276	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{47}{276}$	$\frac{45}{92}$	$\Phi_{276}^3\ \Phi_{138}^5\ \Phi_{92}^4\ \Phi_{69}^5\ \Phi_{46}^5\ \Phi_{23}^5\ \Phi_{12}^3\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
66166	1145	448	$\frac{5}{224}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{219}{448}$	$\Phi_{448}^5\ \Phi_{64}^5\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
66167	1145	448	$\frac{5}{224}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{219}{448}$	$\Phi_{448}^5\ \Phi_{64}^5\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
66168	1145	308	$\frac{2}{77}$	$\frac{1}{11}$	$\frac{79}{308}$	$\frac{75}{154}$	$\Phi_{308}^5\ \Phi_{77}^5\ \Phi_{44}^5\ \Phi_{28}^5\ \Phi_{11}^4\ \Phi_7^5\ \Phi_4^5\ \Phi_1^5$
66169	1145	2208	$\frac{41}{1104}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1063}{2208}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
66170	1145	440	$\frac{9}{220}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{211}{440}$	$\Phi_{440}^5\ \Phi_{88}^5\ \Phi_{40}^5\ \Phi_{11}^4\ \Phi_8^5\ \Phi_1^5$
66171	1145	1320	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{211}{440}$	$\Phi_{1320}^2\ \Phi_{440}\ \Phi_{264}^2\ \Phi_{120}^2\ \Phi_{88}\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
66172	1145	1386	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{241}{1386}$	$\frac{221}{462}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{231}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{33}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1$
66173	1145	2184	$\frac{1}{26}$	$\frac{53}{1092}$	$\frac{25}{78}$	$\frac{1039}{2184}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{168}\ \Phi_{104}\ \Phi_{78}\ \Phi_{56}\ \Phi_{39}\ \Phi_{24}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
66174	1145	2176	$\frac{57}{1088}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1031}{2176}$	$\Phi_{2176}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
66175	1145	256	$\frac{7}{128}$	$\frac{27}{256}$	$\frac{1}{8}$	$\frac{121}{256}$	$\Phi_{256}^4\ \Phi_{128}^5\ \Phi_{64}^5\ \Phi_{32}^5\ \Phi_{16}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
66176	1145	432	$\frac{13}{216}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{203}{432}$	$\Phi_{432}^5\ \Phi_{144}^5\ \Phi_{72}\ \Phi_{48}^5\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}^5\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
66177	1145	264	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{35}{264}$	$\frac{31}{66}$	$\Phi_{264}^5\ \Phi_{132}^5\ \Phi_{88}^5\ \Phi_{44}^5\ \Phi_{33}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_8^5\ \Phi_4^5\ \Phi_3^5\ \Phi_1^5$
66178	1145	2156	$\frac{67}{1078}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1011}{2156}$	$\Phi_{2156}\ \Phi_{308}\ \Phi_{196}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}\ \Phi_7\ \Phi_4\ \Phi_1$
66179	1145	312	$\frac{1}{26}$	$\frac{5}{78}$	$\frac{83}{312}$	$\frac{73}{156}$	$\Phi_{312}^5\ \Phi_{104}^5\ \Phi_{78}^5\ \Phi_{39}^5\ \Phi_{26}^4\ \Phi_{24}^5\ \Phi_{13}^4\ \Phi_8^5\ \Phi_6^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
66180	1145	2112	$\frac{1}{44}$	$\frac{89}{1056}$	$\frac{43}{132}$	$\frac{967}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{132}\ \Phi_{66}\ \Phi_{64}\ \Phi_{33}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
66181	1145	2112	$\frac{7}{96}$	$\frac{89}{1056}$	$\frac{1}{8}$	$\frac{967}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
66182	1145	240	$\frac{11}{240}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{60}^3\ \Phi_{48}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^4\ \Phi_{16}^5\ \Phi_{15}^5\ \Phi_{12}^3\ \Phi_{10}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
66183	1145	416	$\frac{1}{26}$	$\frac{21}{208}$	$\frac{5}{26}$	$\frac{187}{416}$	$\Phi_{416}^5\ \Phi_{32}^5\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_2^4\ \Phi_1^5$
66184	1145	414	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{1}{6}$	$\frac{185}{414}$	$\Phi_{414}^2\ \Phi_{207}^3\ \Phi_{138}^3\ \Phi_{69}^4\ \Phi_{46}^3\ \Phi_{23}^3\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
66185	1145	1404	$\frac{1}{26}$	$\frac{25}{234}$	$\frac{259}{1404}$	$\frac{209}{468}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{234}\ \Phi_{117}\ \Phi_{108}\ \Phi_{78}\ \Phi_{54}\ \Phi_{39}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
66186	1145	1176	$\frac{31}{1176}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{168}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{49}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
66187	1145	1584	$\frac{1}{44}$	$\frac{43}{396}$	$\frac{439}{1584}$	$\frac{353}{792}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{48}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
66188	1145	2048	$\frac{7}{128}$	$\frac{121}{1024}$	$\frac{1}{8}$	$\frac{903}{2048}$	$\Phi_{2048}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
66189	1145	1232	$\frac{87}{1232}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{154}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{176}\ \Phi_{112}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{28}\ \Phi_{16}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
66190	1145	2016	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{137}{1008}$	$\frac{871}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
66191	1145	396	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{31}{198}$	$\frac{167}{396}$	$\Phi_{396}^5\ \Phi_{132}^5\ \Phi_{44}^5\ \Phi_{36}^5\ \Phi_{33}^5\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_{4}^5\ \Phi_{3}^5\ \Phi_{1}^5$
66192	1145	1968	$\frac{3}{164}$	$\frac{161}{984}$	$\frac{1}{4}$	$\frac{823}{1968}$	$\Phi_{1968}\ \Phi_{656}\ \Phi_{164}\ \Phi_{82}\ \Phi_{48}\ \Phi_{41}\ \Phi_{16}\ \Phi_{1}$
66193	1145	242	$\frac{13}{242}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{242}^5\ \Phi_{121}^5\ \Phi_{11}^4\ \Phi_{1}^5$
66194	1145	260	$\frac{1}{26}$	$\frac{31}{260}$	$\frac{5}{26}$	$\frac{21}{52}$	$\Phi_{260}^5\ \Phi_{130}^5\ \Phi_{65}^5\ \Phi_{26}^4\ \Phi_{20}^5\ \Phi_{13}^4\ \Phi_{10}^5\ \Phi_{5}^5\ \Phi_{2}^4\ \Phi_{1}^5$
66195	1145	384	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{37}{192}$	$\frac{155}{384}$	$\Phi_{384}^5\ \Phi_{192}\ \Phi_{128}^5\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
66196	1145	1872	$\frac{1}{104}$	$\frac{209}{936}$	$\frac{103}{312}$	$\frac{727}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
66197	1145	1872	$\frac{1}{26}$	$\frac{25}{234}$	$\frac{209}{936}$	$\frac{727}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
66198	1145	1848	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{221}{924}$	$\frac{703}{1848}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{33}\ \Phi_{24}\ \Phi_{21}\ \Phi_{8}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
66199	1145	1104	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{45}{184}$	$\frac{139}{368}$	$\Phi_{1104}^2\ \Phi_{368}\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{48}^2\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
66200	1145	1664	$\frac{1}{104}$	$\frac{103}{416}$	$\frac{519}{1664}$	$\frac{313}{832}$	$\Phi_{1664}\ \Phi_{416}\ \Phi_{208}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
66201	1145	1848	$\frac{2}{231}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
66202	1145	1368	$\frac{1}{114}$	$\frac{1}{4}$	$\frac{113}{342}$	$\frac{3}{8}$	$\Phi_{1368}^2\ \Phi_{342}\ \Phi_{171}\ \Phi_{72}^2\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
66203	1145	232	$\frac{3}{232}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{232}^5\ \Phi_{116}^5\ \Phi_{58}^5\ \Phi_{29}^5\ \Phi_{8}^2\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^5$
66204	1145	304	$\frac{1}{76}$	$\frac{75}{304}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{304}^5\ \Phi_{152}\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{16}^5\ \Phi_{8}^2\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^5$
66205	1145	2280	$\frac{1}{57}$	$\frac{56}{285}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{285}\ \Phi_{120}\ \Phi_{95}\ \Phi_{40}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
66206	1145	936	$\frac{5}{234}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{936}^2\ \Phi_{312}^2\ \Phi_{234}\ \Phi_{117}\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{72}^2\ \Phi_{39}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
66207	1145	1064	$\frac{1}{38}$	$\frac{37}{266}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1064}^2\ \Phi_{266}\ \Phi_{133}\ \Phi_{56}^2\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
66208	1145	240	$\frac{11}{240}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{60}^5\ \Phi_{48}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}\ \Phi_{20}^5\ \Phi_{16}^5\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_{8}^2\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
66209	1145	1976	$\frac{1}{19}$	$\frac{18}{247}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1976}\ \Phi_{247}\ \Phi_{104}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
66210	1145	1188	$\frac{43}{1188}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
66211	1145	1248	$\frac{1}{26}$	$\frac{103}{1248}$	$\frac{25}{78}$	$\frac{53}{156}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
66212	1145	1728	$\frac{7}{288}$	$\frac{1}{8}$	$\frac{281}{864}$	$\frac{583}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
66213	1145	264	$\frac{1}{44}$	$\frac{35}{264}$	$\frac{43}{132}$	$\frac{89}{264}$	$\Phi_{264}^4\ \Phi_{132}^5\ \Phi_{88}^4\ \Phi_{66}^5\ \Phi_{44}^4\ \Phi_{33}^5\ \Phi_{24}^4\ \Phi_{22}^4\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_{8}^4\ \Phi_{6}^5\ \Phi_{4}^4\ \Phi_{3}^5\ \Phi_{2}^4\ \Phi_{1}^5$
66214	1145	1716	$\frac{1}{143}$	$\frac{142}{429}$	$\frac{571}{1716}$	$\frac{287}{858}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{429}\ \Phi_{156}\ \Phi_{132}\ \Phi_{52}\ \Phi_{44}\ \Phi_{39}\ \Phi_{33}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
66215	1145	1476	$\frac{3}{164}$	$\frac{331}{1476}$	$\frac{1}{4}$	$\frac{161}{492}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{369}\ \Phi_{164}\ \Phi_{82}\ \Phi_{41}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
66216	1145	1584	$\frac{1}{44}$	$\frac{89}{528}$	$\frac{439}{1584}$	$\frac{43}{132}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{72}\ \Phi_{66}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
66217	1145	1638	$\frac{1}{26}$	$\frac{53}{546}$	$\frac{493}{1638}$	$\frac{25}{78}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{234}\ \Phi_{126}\ \Phi_{117}\ \Phi_{78}\ \Phi_{63}\ \Phi_{39}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
66218	1145	1683	$\frac{23}{561}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{538}{1683}$	$\Phi_{1683}\ \Phi_{153}\ \Phi_{99}\ \Phi_{33}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
66219	1145	276	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{47}{276}$	$\frac{22}{69}$	$\Phi_{276}^{5}\,\Phi_{138}^{3}\,\Phi_{92}^{5}\,\Phi_{69}^{4}\,\Phi_{46}^{3}\,\Phi_{23}^{3}\,\Phi_{12}^{5}\,\Phi_{6}^{2}\,\Phi_{4}^{5}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
66220	1145	336	$\frac{5}{112}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{107}{336}$	$\Phi_{336}^{5}\,\Phi_{168}^{5}\,\Phi_{84}^{5}\,\Phi_{48}^{5}\,\Phi_{42}^{5}\,\Phi_{28}\,\Phi_{24}^{5}\,\Phi_{21}^{5}\,\Phi_{14}\,\Phi_{12}^{5}\,\Phi_{7}\,\Phi_{6}^{5}\,\Phi_{3}^{5}\,\Phi_{1}$
66221	1145	297	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{68}{297}$	$\frac{31}{99}$	$\Phi_{297}^{5}\,\Phi_{33}^{5}\,\Phi_{27}^{5}\,\Phi_{11}^{4}\,\Phi_{3}^{5}\,\Phi_{1}^{5}$
66222	1145	330	$\frac{9}{110}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{101}{330}$	$\Phi_{330}^{5}\,\Phi_{165}^{5}\,\Phi_{66}^{5}\,\Phi_{33}^{5}\,\Phi_{30}^{5}\,\Phi_{15}^{5}\,\Phi_{11}^{4}\,\Phi_{6}^{5}\,\Phi_{3}^{5}\,\Phi_{1}^{5}$
66223	1145	330	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{101}{330}$	$\Phi_{330}^{3}\,\Phi_{165}^{3}\,\Phi_{110}^{4}\,\Phi_{66}^{3}\,\Phi_{55}^{4}\,\Phi_{33}^{3}\,\Phi_{30}^{5}\,\Phi_{22}^{4}\,\Phi_{15}^{5}\,\Phi_{11}^{4}\,\Phi_{10}^{5}\,\Phi_{6}^{4}\,\Phi_{5}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
66224	1145	1296	$\frac{7}{72}$	$\frac{151}{1296}$	$\frac{1}{8}$	$\frac{65}{216}$	$\Phi_{1296}\,\Phi_{648}\,\Phi_{432}\,\Phi_{324}\,\Phi_{162}\,\Phi_{144}\,\Phi_{81}\,\Phi_{72}\,\Phi_{48}\,\Phi_{36}\,\Phi_{24}\,\Phi_{18}\,\Phi_{16}\,\Phi_{12}\,\Phi_{9}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
66225	1145	1617	$\frac{1}{11}$	$\frac{67}{539}$	$\frac{10}{77}$	$\frac{472}{1617}$	$\Phi_{1617}\,\Phi_{231}\,\Phi_{147}\,\Phi_{77}\,\Phi_{33}\,\Phi_{21}\,\Phi_{7}\,\Phi_{3}\,\Phi_{1}$
66226	1145	240	$\frac{11}{240}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{240}^{5}\,\Phi_{120}^{5}\,\Phi_{80}^{5}\,\Phi_{60}^{5}\,\Phi_{48}^{5}\,\Phi_{40}^{5}\,\Phi_{30}^{3}\,\Phi_{24}^{5}\,\Phi_{20}^{5}\,\Phi_{16}^{5}\,\Phi_{15}^{4}\,\Phi_{12}^{5}\,\Phi_{10}^{3}\,\Phi_{8}^{5}\,\Phi_{6}^{2}\,\Phi_{5}^{3}\,\Phi_{4}^{5}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
66227	1145	312	$\frac{1}{26}$	$\frac{5}{26}$	$\frac{21}{104}$	$\frac{83}{312}$	$\Phi_{312}^{5}\,\Phi_{156}^{5}\,\Phi_{78}^{5}\,\Phi_{39}^{5}\,\Phi_{26}^{4}\,\Phi_{24}^{5}\,\Phi_{13}^{4}\,\Phi_{12}^{5}\,\Phi_{6}^{5}\,\Phi_{3}^{5}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
66228	1145	1536	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{121}{512}$	$\frac{391}{1536}$	$\Phi_{1536}\,\Phi_{768}\,\Phi_{384}\,\Phi_{192}\,\Phi_{128}\,\Phi_{96}\,\Phi_{64}\,\Phi_{48}\,\Phi_{32}\,\Phi_{24}\,\Phi_{16}\,\Phi_{12}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
66229	1145	1232	$\frac{87}{1232}$	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{1232}\,\Phi_{616}\,\Phi_{308}\,\Phi_{176}\,\Phi_{154}\,\Phi_{88}\,\Phi_{77}\,\Phi_{44}\,\Phi_{28}\,\Phi_{22}\,\Phi_{14}\,\Phi_{11}\,\Phi_{7}\,\Phi_{1}$
66230	1145	280	$\frac{5}{56}$	$\frac{3}{28}$	$\frac{51}{280}$	$\frac{1}{4}$	$\Phi_{280}^{5}\,\Phi_{140}^{5}\,\Phi_{70}^{5}\,\Phi_{40}^{5}\,\Phi_{35}^{5}\,\Phi_{28}\,\Phi_{20}^{5}\,\Phi_{14}\,\Phi_{10}^{5}\,\Phi_{7}\,\Phi_{5}^{5}\,\Phi_{1}$
66231	1145	252	$\frac{23}{252}$	$\frac{3}{28}$	$\frac{5}{28}$	$\frac{1}{4}$	$\Phi_{252}^{5}\,\Phi_{126}^{5}\,\Phi_{84}^{5}\,\Phi_{63}^{5}\,\Phi_{42}^{5}\,\Phi_{36}^{5}\,\Phi_{28}\,\Phi_{21}^{5}\,\Phi_{18}^{5}\,\Phi_{14}\,\Phi_{12}^{5}\,\Phi_{9}^{5}\,\Phi_{7}\,\Phi_{6}^{5}\,\Phi_{3}^{5}\,\Phi_{1}$
66232	1145	1344	$\frac{3}{28}$	$\frac{25}{224}$	$\frac{199}{1344}$	$\frac{1}{4}$	$\Phi_{1344}\,\Phi_{672}\,\Phi_{448}\,\Phi_{336}\,\Phi_{192}\,\Phi_{168}\,\Phi_{96}\,\Phi_{84}\,\Phi_{64}\,\Phi_{48}\,\Phi_{42}\,\Phi_{28}\,\Phi_{24}\,\Phi_{21}\,\Phi_{14}\,\Phi_{12}\,\Phi_{7}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
66233	1145	300	$\frac{4}{75}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{71}{300}$	$\Phi_{300}^{5}\,\Phi_{150}^{2}\,\Phi_{100}^{5}\,\Phi_{75}^{3}\,\Phi_{60}^{5}\,\Phi_{50}^{2}\,\Phi_{30}^{3}\,\Phi_{25}^{3}\,\Phi_{20}^{5}\,\Phi_{15}^{4}\,\Phi_{12}^{5}\,\Phi_{10}^{3}\,\Phi_{6}^{2}\,\Phi_{5}^{3}\,\Phi_{4}^{5}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
66234	1145	256	$\frac{27}{256}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{7}{32}$	$\Phi_{256}^{5}\,\Phi_{128}^{5}\,\Phi_{64}^{5}\,\Phi_{32}\,\Phi_{16}\,\Phi_{1}$
66235	1145	1344	$\frac{25}{224}$	$\frac{1}{8}$	$\frac{199}{1344}$	$\frac{7}{32}$	$\Phi_{1344}\,\Phi_{672}\,\Phi_{448}\,\Phi_{336}\,\Phi_{192}\,\Phi_{168}\,\Phi_{96}\,\Phi_{84}\,\Phi_{64}\,\Phi_{48}\,\Phi_{42}\,\Phi_{32}\,\Phi_{24}\,\Phi_{21}\,\Phi_{16}\,\Phi_{12}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
66236	1145	288	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{13}{72}$	$\frac{59}{288}$	$\Phi_{288}^{5}\,\Phi_{144}^{5}\,\Phi_{96}^{5}\,\Phi_{72}\,\Phi_{48}^{5}\,\Phi_{36}\,\Phi_{32}^{5}\,\Phi_{24}\,\Phi_{18}\,\Phi_{16}^{5}\,\Phi_{12}\,\Phi_{9}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
66237	1145	264	$\frac{1}{11}$	$\frac{35}{264}$	$\frac{2}{11}$	$\frac{9}{44}$	$\Phi_{264}^{5}\,\Phi_{132}^{5}\,\Phi_{88}^{5}\,\Phi_{66}^{5}\,\Phi_{33}^{5}\,\Phi_{24}^{5}\,\Phi_{12}^{5}\,\Phi_{11}^{4}\,\Phi_{8}^{5}\,\Phi_{6}^{5}\,\Phi_{3}^{5}\,\Phi_{1}^{5}$
66238	1145	750	$\frac{21}{250}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{750}^{2}\,\Phi_{375}^{2}\,\Phi_{250}\,\Phi_{150}\,\Phi_{125}\,\Phi_{75}\,\Phi_{30}^{2}\,\Phi_{25}\,\Phi_{15}^{2}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
66239	1145	270	$\frac{4}{45}$	$\frac{41}{270}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{270}^{5}\,\Phi_{135}^{5}\,\Phi_{90}^{2}\,\Phi_{54}^{5}\,\Phi_{45}^{3}\,\Phi_{30}^{3}\,\Phi_{27}^{5}\,\Phi_{18}^{2}\,\Phi_{15}^{4}\,\Phi_{10}^{3}\,\Phi_{9}^{3}\,\Phi_{6}^{2}\,\Phi_{5}^{3}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
66240	1145	275	$\frac{1}{11}$	$\frac{9}{55}$	$\frac{46}{275}$	$\frac{2}{11}$	$\Phi_{275}^{5}\,\Phi_{25}^{5}\,\Phi_{11}^{4}\,\Phi_{1}^{5}$
66241	1146	916	$\frac{1}{229}$	$\frac{115}{458}$	$\frac{343}{916}$	$\frac{114}{229}$	$\Phi_{916}^{2}\,\Phi_{229}\,\Phi_{4}^{2}\,\Phi_{1}^{2}$
66242	1146	380	$\frac{1}{190}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{189}{380}$	$\Phi_{380}^{6}\,\Phi_{76}^{6}\,\Phi_{20}^{6}\,\Phi_{5}\,\Phi_{4}^{6}\,\Phi_{1}^{2}$
66243	1146	1140	$\frac{1}{190}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{189}{380}$	$\Phi_{1140}\,\Phi_{570}^{2}\,\Phi_{285}^{2}\,\Phi_{228}\,\Phi_{114}^{2}\,\Phi_{60}\,\Phi_{57}^{2}\,\Phi_{30}^{2}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{6}^{3}\,\Phi_{3}^{2}$
66244	1146	378	$\frac{2}{189}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{187}{378}$	$\Phi_{378}^{6}\,\Phi_{126}^{6}\,\Phi_{54}^{6}\,\Phi_{42}^{6}\,\Phi_{21}\,\Phi_{18}^{6}\,\Phi_{14}^{6}\,\Phi_{6}^{6}\,\Phi_{2}^{6}$
66245	1146	1968	$\frac{1}{82}$	$\frac{83}{656}$	$\frac{1}{3}$	$\frac{81}{164}$	$\Phi_{1968}\,\Phi_{984}\,\Phi_{246}\,\Phi_{123}\,\Phi_{48}\,\Phi_{24}\,\Phi_{6}$
66246	1146	1792	$\frac{1}{64}$	$\frac{1}{7}$	$\frac{65}{256}$	$\frac{63}{128}$	$\Phi_{1792}\,\Phi_{448}\,\Phi_{224}\,\Phi_{112}\,\Phi_{56}\,\Phi_{28}\,\Phi_{14}$
66247	1146	2632	$\frac{3}{188}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{185}{376}$	$\Phi_{2632}\,\Phi_{56}\,\Phi_{28}\,\Phi_{14}$
66248	1146	230	$\frac{2}{115}$	$\frac{39}{230}$	$\frac{1}{5}$	$\frac{113}{230}$	$\Phi_{230}^{4}\,\Phi_{115}^{6}\,\Phi_{46}^{4}\,\Phi_{23}^{6}\,\Phi_{10}^{4}\,\Phi_{5}^{5}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
66249	1146	375	$\frac{7}{375}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{184}{375}$	$\Phi_{375}^{3}\,\Phi_{125}^{3}\,\Phi_{75}^{3}\,\Phi_{25}^{4}\,\Phi_{15}^{3}\,\Phi_{5}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
66250	1146	229	$\frac{5}{229}$	$\frac{38}{229}$	$\frac{39}{229}$	$\frac{112}{229}$	$\Phi_{229}^{5}\,\Phi_{1}^{6}$
66251	1146	3360	$\frac{13}{560}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{547}{1120}$	$\Phi_{3360}\,\Phi_{672}\,\Phi_{480}\,\Phi_{96}\,\Phi_{42}\,\Phi_{21}\,\Phi_{6}$
66252	1146	2604	$\frac{5}{186}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{181}{372}$	$\Phi_{2604}\,\Phi_{868}\,\Phi_{84}\,\Phi_{42}\,\Phi_{28}\,\Phi_{21}\,\Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
66253	1146	2576	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{177}{368}$	$\Phi_{2576}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
66254	1146	1100	$\frac{23}{550}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{527}{1100}$	$\Phi_{1100}^2\ \Phi_{220}^2\ \Phi_{100}^2\ \Phi_{44}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
66255	1146	2520	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{169}{360}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{280}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
66256	1146	588	$\frac{5}{196}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{147}^3\ \Phi_{84}^2\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
66257	1146	3198	$\frac{1}{41}$	$\frac{40}{533}$	$\frac{1}{3}$	$\frac{493}{1066}$	$\Phi_{3198}\ \Phi_{246}\ \Phi_{123}\ \Phi_{78}\ \Phi_6$
66258	1146	200	$\frac{9}{200}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{200}^6\ \Phi_{100}^6\ \Phi_{50}^4\ \Phi_{40}^6\ \Phi_{25}^6\ \Phi_{20}^6\ \Phi_{10}^4\ \Phi_8^6\ \Phi_5^5\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
66259	1146	2464	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{1}{7}$	$\frac{161}{352}$	$\Phi_{2464}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
66260	1146	345	$\frac{4}{115}$	$\frac{37}{345}$	$\frac{1}{5}$	$\frac{154}{345}$	$\Phi_{345}^3\ \Phi_{115}^4\ \Phi_{69}^3\ \Phi_{23}^4\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
66261	1146	336	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{1}{7}$	$\frac{145}{336}$	$\Phi_{336}^6\ \Phi_{168}\ \Phi_{112}^6\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}^6\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}^6\ \Phi_{14}$
66262	1146	984	$\frac{1}{82}$	$\frac{27}{164}$	$\frac{1}{3}$	$\frac{137}{328}$	$\Phi_{984}^3\ \Phi_{246}\ \Phi_{123}\ \Phi_{24}^3\ \Phi_6$
66263	1146	2240	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{31}{160}$	$\frac{129}{320}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
66264	1146	285	$\frac{1}{95}$	$\frac{1}{5}$	$\frac{94}{285}$	$\frac{2}{5}$	$\Phi_{285}^6\ \Phi_{57}^6\ \Phi_{15}^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
66265	1146	580	$\frac{7}{580}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{580}^2\ \Phi_{290}^2\ \Phi_{145}^2\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
66266	1146	760	$\frac{3}{190}$	$\frac{1}{5}$	$\frac{187}{760}$	$\frac{2}{5}$	$\Phi_{760}^2\ \Phi_{380}^2\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
66267	1146	195	$\frac{4}{195}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{195}^6\ \Phi_{65}^6\ \Phi_{39}^6\ \Phi_{15}^6\ \Phi_{13}^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
66268	1146	1140	$\frac{1}{38}$	$\frac{37}{228}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{60}\ \Phi_{57}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
66269	1146	665	$\frac{3}{95}$	$\frac{92}{665}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{665}^2\ \Phi_{133}^2\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
66270	1146	200	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{200}^6\ \Phi_{100}^6\ \Phi_{50}^6\ \Phi_{40}^6\ \Phi_{25}^6\ \Phi_{20}^6\ \Phi_8^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
66271	1146	1045	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1045}\ \Phi_{209}^2\ \Phi_{55}\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
66272	1146	920	$\frac{2}{115}$	$\frac{1}{5}$	$\frac{113}{460}$	$\frac{347}{920}$	$\Phi_{920}^2\ \Phi_{184}^2\ \Phi_{115}^2\ \Phi_{40}^2\ \Phi_{23}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
66273	1146	2016	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{47}{144}$	$\frac{97}{288}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
66274	1146	229	$\frac{4}{229}$	$\frac{38}{229}$	$\frac{75}{229}$	$\frac{77}{229}$	$\Phi_{229}^5\ \Phi_1^6$
66275	1146	1140	$\frac{1}{95}$	$\frac{1}{4}$	$\frac{94}{285}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}^2\ \Phi_{228}\ \Phi_{190}^2\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{60}\ \Phi_{38}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
66276	1146	246	$\frac{1}{82}$	$\frac{55}{246}$	$\frac{27}{82}$	$\frac{1}{3}$	$\Phi_{246}^4\ \Phi_{123}^4\ \Phi_{82}^6\ \Phi_{41}^6\ \Phi_6^4\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
66277	1146	840	$\frac{13}{280}$	$\frac{1}{14}$	$\frac{89}{280}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{42}^3\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
66278	1146	588	$\frac{5}{196}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{147}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{21}\ \Phi_{12}^3\ \Phi_6^3$
66279	1146	780	$\frac{4}{195}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{30}\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
66280	1146	228	$\frac{1}{38}$	$\frac{37}{228}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^4\ \Phi_{114}^5\ \Phi_{76}^6\ \Phi_{57}^5\ \Phi_{38}^6\ \Phi_{19}^6\ \Phi_{12}^5\ \Phi_6^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
66281	1146	600	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{75}^3\ \Phi_{60}\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
66282	1146	2508	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{132}\ \Phi_{66}\ \Phi_{12}\ \Phi_6$
66283	1146	252	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{61}{252}$	$\frac{1}{3}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^6\ \Phi_{42}^6\ \Phi_{36}^6\ \Phi_{28}^6\ \Phi_{21}\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_2^6$
66284	1146	1848	$\frac{43}{616}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{132}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{21}\ \Phi_6$
66285	1146	1386	$\frac{7}{198}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{126}\ \Phi_{77}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
66286	1146	210	$\frac{1}{14}$	$\frac{19}{210}$	$\frac{13}{70}$	$\frac{1}{3}$	$\Phi_{210}^5\ \Phi_{105}^5\ \Phi_{70}^6\ \Phi_{42}^6\ \Phi_{35}^6\ \Phi_{30}^5\ \Phi_{21}^6\ \Phi_{15}^5\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7^6\ \Phi_6^6\ \Phi_5^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
66287	1146	2100	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{127}{700}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
66288	1146	672	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{33}{224}$	$\frac{1}{3}$	$\Phi_{672}^3\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{96}^3\ \Phi_{84}^2\ \Phi_{48}^2\ \Phi_{42}^3\ \Phi_{24}^2\ \Phi_{21}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
66289	1146	1512	$\frac{2}{27}$	$\frac{25}{216}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
66290	1146	210	$\frac{19}{210}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^6\ \Phi_{42}^6\ \Phi_{35}^6\ \Phi_{30}^6\ \Phi_{21}\ \Phi_{15}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_6^6\ \Phi_5^6\ \Phi_2^6$
66291	1146	230	$\frac{4}{115}$	$\frac{39}{230}$	$\frac{1}{5}$	$\frac{37}{115}$	$\Phi_{230}^6\ \Phi_{115}^4\ \Phi_{46}^6\ \Phi_{23}^4\ \Phi_{10}^6\ \Phi_5^3\ \Phi_2^6\ \Phi_1^4$
66292	1146	229	$\frac{10}{229}$	$\frac{38}{229}$	$\frac{39}{229}$	$\frac{73}{229}$	$\Phi_{229}^5\ \Phi_1^6$
66293	1146	1512	$\frac{1}{12}$	$\frac{25}{216}$	$\frac{1}{7}$	$\frac{11}{36}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{189}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
66294	1146	275	$\frac{2}{25}$	$\frac{23}{275}$	$\frac{1}{5}$	$\frac{84}{275}$	$\Phi_{275}^4\ \Phi_{55}^4\ \Phi_{25}^6\ \Phi_{11}^4\ \Phi_5^5\ \Phi_1^6$
66295	1146	200	$\frac{9}{200}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{200}^6\ \Phi_{100}^6\ \Phi_{50}^6\ \Phi_{40}^6\ \Phi_{25}^4\ \Phi_{20}^6\ \Phi_{10}^6\ \Phi_8^6\ \Phi_5^3\ \Phi_4^6\ \Phi_2^6\ \Phi_1^4$
66296	1146	250	$\frac{7}{125}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{59}{250}$	$\Phi_{250}^6\ \Phi_{125}^3\ \Phi_{50}^6\ \Phi_{25}^4\ \Phi_{10}^6\ \Phi_5^3\ \Phi_2^6\ \Phi_1^4$
66297	1146	1680	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{60}$	$\frac{49}{240}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
66298	1146	625	$\frac{52}{625}$	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\Phi_{625}^2\ \Phi_{125}\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
66299	1146	225	$\frac{7}{75}$	$\frac{34}{225}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{225}^6\ \Phi_{75}^3\ \Phi_{45}^6\ \Phi_{25}^4\ \Phi_{15}^3\ \Phi_9^6\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
66300	1147	2280	$\frac{7}{1140}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1133}{2280}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{152}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
66301	1147	2268	$\frac{13}{1134}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1121}{2268}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{324}\ \Phi_{252}\ \Phi_{108}\ \Phi_{84}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
66302	1147	1536	$\frac{5}{384}$	$\frac{1}{6}$	$\frac{389}{1536}$	$\frac{379}{768}$	$\Phi_{1536}\ \Phi_{512}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
66303	1147	2256	$\frac{19}{1128}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1109}{2256}$	$\Phi_{2256}\ \Phi_{752}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
66304	1147	360	$\frac{1}{36}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{35}{72}$	$\Phi_{360}^6\ \Phi_{120}^6\ \Phi_{72}^7\ \Phi_{60}\ \Phi_{40}^6\ \Phi_{24}^7\ \Phi_{20}\ \Phi_{12}\ \Phi_8^7\ \Phi_4\ \Phi_1$
66305	1147	792	$\frac{1}{36}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{792}^3\ \Phi_{264}^3\ \Phi_{88}^3\ \Phi_{72}\ \Phi_{33}\ \Phi_{24}\ \Phi_{11}\ \Phi_8\ \Phi_1$
66306	1147	360	$\frac{1}{36}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{35}{72}$	$\Phi_{360}^6\ \Phi_{120}^6\ \Phi_{72}^7\ \Phi_{45}\ \Phi_{40}^6\ \Phi_{24}^7\ \Phi_9\ \Phi_8^7\ \Phi_1$
66307	1147	360	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{35}{72}$	$\Phi_{360}^2\ \Phi_{180}^4\ \Phi_{120}^2\ \Phi_{90}^4\ \Phi_{72}^3\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{40}^3\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^5\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
66308	1147	2520	$\frac{1}{36}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{35}{72}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{280}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}\ \Phi_{35}\ \Phi_{24}\ \Phi_8\ \Phi_7\ \Phi_1$
66309	1147	72	$\frac{1}{36}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{35}{72}$	$\Phi_{72}^{31}\ \Phi_{36}\ \Phi_{24}^{31}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8^{31}\ \Phi_4\ \Phi_1$
66310	1147	780	$\frac{1}{30}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{780}^3\ \Phi_{260}^3\ \Phi_{156}^3\ \Phi_{60}\ \Phi_{52}^3\ \Phi_{39}\ \Phi_{20}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
66311	1147	540	$\frac{1}{30}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{29}{60}$	$\Phi_{540}^6\ \Phi_{108}^6\ \Phi_{60}\ \Phi_{54}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
66312	1147	120	$\frac{1}{30}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{120}^{10}\ \Phi_{60}^9\ \Phi_{40}^{11}\ \Phi_{30}^8\ \Phi_{24}^{10}\ \Phi_{20}^{10}\ \Phi_{15}^8\ \Phi_{12}^9\ \Phi_{10}^9\ \Phi_8^{11}\ \Phi_6^8\ \Phi_5^9\ \Phi_4^9\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
66313	1147	240	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{29}{60}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^6\ \Phi_{60}\ \Phi_{48}^7\ \Phi_{40}^6\ \Phi_{24}^7\ \Phi_{20}\ \Phi_{16}^7\ \Phi_{12}\ \Phi_8^7\ \Phi_4\ \Phi_1$
66314	1147	180	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{29}{60}$	$\Phi_{180}^{12}\ \Phi_{60}^{13}\ \Phi_{45}\ \Phi_{36}^{12}\ \Phi_{20}^{13}\ \Phi_{15}\ \Phi_{12}^{13}\ \Phi_5\ \Phi_4^{13}\ \Phi_1$
66315	1147	420	$\frac{1}{30}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{29}{60}$	$\Phi_{420}^6\ \Phi_{140}^6\ \Phi_{84}^6\ \Phi_{60}\ \Phi_{42}\ \Phi_{28}^6\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
66316	1147	2208	$\frac{43}{1104}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1061}{2208}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
66317	1147	2160	$\frac{67}{1080}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1013}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
66318	1147	2112	$\frac{5}{96}$	$\frac{91}{1056}$	$\frac{1}{6}$	$\frac{965}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
66319	1147	1064	$\frac{1}{38}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{1064}^2\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{56}\ \Phi_{38}\ \Phi_{19}\ \Phi_8\ \Phi_4\ \Phi_1$
66320	1147	2016	$\frac{5}{144}$	$\frac{139}{1008}$	$\frac{1}{6}$	$\frac{869}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
66321	1147	1368	$\frac{7}{228}$	$\frac{221}{1368}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{171}\ \Phi_{152}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
66322	1147	1200	$\frac{53}{1200}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
66323	1147	1920	$\frac{5}{192}$	$\frac{1}{6}$	$\frac{187}{960}$	$\frac{773}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
66324	1147	912	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{912}^{2}\ \Phi_{304}^{2}\ \Phi_{152}^{2}\ \Phi_{76}^{2}\ \Phi_{48}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
66325	1147	1728	$\frac{5}{288}$	$\frac{1}{6}$	$\frac{283}{864}$	$\frac{581}{1728}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
66326	1147	429	$\frac{2}{39}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{429}^{3}\ \Phi_{143}^{3}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}$
66327	1147	594	$\frac{1}{18}$	$\frac{2}{33}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{594}^{3}\ \Phi_{297}^{3}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_{1}$
66328	1147	585	$\frac{2}{39}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{585}^{3}\ \Phi_{117}^{3}\ \Phi_{45}\ \Phi_{39}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
66329	1147	1320	$\frac{2}{33}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}\ \Phi_{33}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
66330	1147	528	$\frac{2}{33}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{176}^{3}\ \Phi_{88}^{3}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
66331	1147	1560	$\frac{2}{39}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{312}\ \Phi_{260}\ \Phi_{156}\ \Phi_{104}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{20}\ \Phi_{13}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
66332	1147	1365	$\frac{2}{39}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{91}\ \Phi_{39}\ \Phi_{35}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}$
66333	1147	495	$\frac{2}{33}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{495}^{3}\ \Phi_{165}^{3}\ \Phi_{55}^{3}\ \Phi_{45}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}$
66334	1147	468	$\frac{2}{39}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{156}^{3}\ \Phi_{117}^{3}\ \Phi_{52}^{3}\ \Phi_{39}\ \Phi_{36}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
66335	1147	462	$\frac{2}{33}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{462}^{3}\ \Phi_{231}^{3}\ \Phi_{154}^{3}\ \Phi_{77}^{3}\ \Phi_{42}\ \Phi_{33}\ \Phi_{21}\ \Phi_{14}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
66336	1147	270	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{17}{54}$	$\Phi_{270}^{6}\ \Phi_{135}^{6}\ \Phi_{54}^{7}\ \Phi_{45}\ \Phi_{27}^{7}\ \Phi_{9}\ \Phi_{1}$
66337	1147	1080	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{17}{54}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{216}^{2}\ \Phi_{108}^{2}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
66338	1147	1890	$\frac{1}{18}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{17}{54}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{189}\ \Phi_{54}\ \Phi_{35}\ \Phi_{27}\ \Phi_{7}\ \Phi_{1}$
66339	1147	108	$\frac{1}{18}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{17}{54}$	$\Phi_{108}^{18}\ \Phi_{54}^{13}\ \Phi_{36}\ \Phi_{27}^{13}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
66340	1147	360	$\frac{1}{15}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{360}^{5}\ \Phi_{180}^{4}\ \Phi_{90}^{4}\ \Phi_{72}^{5}\ \Phi_{45}^{5}\ \Phi_{40}\ \Phi_{36}^{4}\ \Phi_{20}\ \Phi_{18}^{4}\ \Phi_{10}\ \Phi_{9}^{5}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
66341	1147	720	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{14}{45}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{144}^{3}\ \Phi_{72}^{3}\ \Phi_{48}\ \Phi_{45}\ \Phi_{24}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
66342	1147	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{14}{45}$	$\Phi_{45}^{26}\ \Phi_{15}^{25}\ \Phi_{9}^{25}\ \Phi_{5}^{25}\ \Phi_{3}^{24}\ \Phi_{1}^{25}$
66343	1147	630	$\frac{1}{15}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{14}{45}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{126}^{3}\ \Phi_{63}^{3}\ \Phi_{45}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
66344	1147	1296	$\frac{5}{72}$	$\frac{149}{1296}$	$\frac{1}{6}$	$\frac{67}{216}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
66345	1147	1512	$\frac{13}{378}$	$\frac{1}{6}$	$\frac{365}{1512}$	$\frac{5}{18}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
66346	1147	1188	$\frac{41}{1188}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
66347	1147	1296	$\frac{13}{162}$	$\frac{149}{1296}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
66348	1147	1260	$\frac{113}{1260}$	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
66349	1147	40	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{40}^{28}\ \Phi_{20}^{30}\ \Phi_{10}^{29}\ \Phi_{8}^{28}\ \Phi_{5}^{29}\ \Phi_{4}^{29}\ \Phi_{2}^{28}\ \Phi_{1}^{29}$
66350	1147	280	$\frac{3}{40}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{280}^{5}\ \Phi_{140}^{4}\ \Phi_{70}^{4}\ \Phi_{56}^{5}\ \Phi_{40}\ \Phi_{35}^{5}\ \Phi_{28}^{4}\ \Phi_{20}\ \Phi_{14}^{4}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}^{5}\ \Phi_{5}\ \Phi_{1}$
66351	1147	360	$\frac{3}{40}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{2}\ \Phi_{90}^{4}\ \Phi_{72}^{4}\ \Phi_{60}^{2}\ \Phi_{45}^{4}\ \Phi_{40}^{3}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{3}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{3}\ \Phi_{9}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
66352	1147	240	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{11}{48}$	$\Phi_{240}^{6}\ \Phi_{120}^{2}\ \Phi_{80}^{6}\ \Phi_{60}^{4}\ \Phi_{48}^{7}\ \Phi_{40}^{3}\ \Phi_{30}^{4}\ \Phi_{24}^{3}\ \Phi_{20}^{5}\ \Phi_{16}^{7}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
66353	1147	1680	$\frac{1}{12}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{11}{48}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{168}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{35}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
66354	1147	144	$\frac{1}{12}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{11}{48}$	$\Phi_{144}^{12}\ \Phi_{72}^{12}\ \Phi_{48}^{7}\ \Phi_{36}\ \Phi_{24}^{7}\ \Phi_{18}\ \Phi_{16}^{7}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}^{7}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
66355	1147	360	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{9}{40}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{4}\ \Phi_{72}^{4}\ \Phi_{60}^{4}\ \Phi_{45}\ \Phi_{40}^{5}\ \Phi_{36}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{5}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{8}^{5}\ \Phi_{5}\ \Phi_{4}^{5}\ \Phi_{1}$
66356	1147	840	$\frac{1}{10}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{9}{40}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{168}^{2}\ \Phi_{140}^{2}\ \Phi_{84}^{2}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{40}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
66357	1147	1440	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{360}$	$\frac{293}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
66358	1147	315	$\frac{1}{9}$	$\frac{4}{35}$	$\frac{8}{45}$	$\frac{1}{5}$	$\Phi_{315}^{4}\ \Phi_{105}^{4}\ \Phi_{63}^{4}\ \Phi_{45}\ \Phi_{35}^{5}\ \Phi_{21}^{4}\ \Phi_{15}\ \Phi_{7}^{5}\ \Phi_{5}\ \Phi_{1}$
66359	1147	210	$\frac{4}{35}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{210}^{5}\ \Phi_{105}^{5}\ \Phi_{70}^{5}\ \Phi_{42}^{6}\ \Phi_{35}^{6}\ \Phi_{30}^{6}\ \Phi_{21}^{6}\ \Phi_{15}^{6}\ \Phi_{14}^{6}\ \Phi_{10}^{6}\ \Phi_{7}^{7}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
66360	1147	180	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{8}{45}$	$\Phi_{180}^{9}\ \Phi_{90}^{6}\ \Phi_{60}^{9}\ \Phi_{45}^{7}\ \Phi_{36}\ \Phi_{30}^{6}\ \Phi_{20}^{9}\ \Phi_{18}\ \Phi_{15}^{7}\ \Phi_{12}\ \Phi_{10}^{6}\ \Phi_{9}\ \Phi_{5}^{7}\ \Phi_{4}\ \Phi_{1}$
66361	1147	252	$\frac{5}{42}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{84}^{6}\ \Phi_{63}^{6}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}^{6}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
66362	1148	1716	$\frac{1}{286}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{285}{572}$	$\Phi_{1716}\ \Phi_{572}^{2}\ \Phi_{156}\ \Phi_{132}\ \Phi_{52}^{2}\ \Phi_{44}^{2}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
66363	1148	1956	$\frac{1}{163}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{81}{163}$	$\Phi_{1956}\ \Phi_{652}\ \Phi_{163}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
66364	1148	1467	$\frac{1}{163}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{81}{163}$	$\Phi_{1467}\ \Phi_{163}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
66365	1148	570	$\frac{2}{285}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{283}{570}$	$\Phi_{570}^{4}\ \Phi_{190}^{4}\ \Phi_{114}^{4}\ \Phi_{38}^{4}\ \Phi_{30}^{4}\ \Phi_{15}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{2}^{4}$
66366	1148	345	$\frac{1}{115}$	$\frac{58}{345}$	$\frac{1}{3}$	$\frac{57}{115}$	$\Phi_{345}^{3}\ \Phi_{115}^{4}\ \Phi_{69}^{3}\ \Phi_{23}^{4}\ \Phi_{15}^{3}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
66367	1148	1920	$\frac{1}{96}$	$\frac{1}{5}$	$\frac{97}{384}$	$\frac{95}{192}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
66368	1148	2840	$\frac{3}{284}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{281}{568}$	$\Phi_{2840}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
66369	1148	1053	$\frac{1}{81}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{40}{81}$	$\Phi_{1053}\ \Phi_{351}\ \Phi_{117}\ \Phi_{81}^{2}\ \Phi_{39}\ \Phi_{27}^{2}\ \Phi_{13}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
66370	1148	648	$\frac{1}{81}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{40}{81}$	$\Phi_{648}^{2}\ \Phi_{324}^{2}\ \Phi_{216}^{2}\ \Phi_{162}^{2}\ \Phi_{108}^{2}\ \Phi_{72}^{2}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{3}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
66371	1148	1147	$\frac{15}{1147}$	$\frac{83}{1147}$	$\frac{532}{1147}$	$\frac{566}{1147}$	$\Phi_{1147}\ \Phi_{37}\ \Phi_{31}\ \Phi_{1}^{2}$
66372	1148	2820	$\frac{5}{282}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{277}{564}$	$\Phi_{2820}\ \Phi_{940}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
66373	1148	440	$\frac{1}{55}$	$\frac{1}{8}$	$\frac{14}{55}$	$\frac{27}{55}$	$\Phi_{440}^{3}\ \Phi_{220}^{3}\ \Phi_{110}^{3}\ \Phi_{88}^{3}\ \Phi_{44}^{3}\ \Phi_{40}^{3}\ \Phi_{22}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
66374	1148	1147	$\frac{25}{1147}$	$\frac{122}{1147}$	$\frac{293}{1147}$	$\frac{561}{1147}$	$\Phi_{1147}\ \Phi_{37}\ \Phi_{31}\ \Phi_{1}^{2}$
66375	1148	1725	$\frac{13}{575}$	$\frac{42}{575}$	$\frac{1}{3}$	$\frac{281}{575}$	$\Phi_{1725}\ \Phi_{345}\ \Phi_{75}\ \Phi_{69}\ \Phi_{15}$
66376	1148	2160	$\frac{1}{40}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{39}{80}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}^{2}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
66377	1148	240	$\frac{1}{40}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{240}^{9}\ \Phi_{80}^{10}\ \Phi_{48}^{9}\ \Phi_{16}^{10}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
66378	1148	720	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{39}{80}$	$\Phi_{720}^{3}\ \Phi_{240}^{3}\ \Phi_{144}^{3}\ \Phi_{80}^{4}\ \Phi_{48}^{3}\ \Phi_{16}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
66379	1148	80	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{39}{80}$	$\Phi_{80}^{28}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}^{28}\ \Phi_{10}$
66380	1148	555	$\frac{1}{37}$	$\frac{19}{555}$	$\frac{268}{555}$	$\frac{18}{37}$	$\Phi_{555}^{2}\ \Phi_{185}^{2}\ \Phi_{111}^{2}\ \Phi_{37}^{3}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
66381	1148	370	$\frac{1}{37}$	$\frac{19}{185}$	$\frac{83}{370}$	$\frac{18}{37}$	$\Phi_{370}^{4}\ \Phi_{185}^{2}\ \Phi_{74}^{4}\ \Phi_{37}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
66382	1148	333	$\frac{1}{37}$	$\frac{46}{333}$	$\frac{19}{111}$	$\frac{18}{37}$	$\Phi_{333}^{4}\ \Phi_{111}^{2}\ \Phi_{37}^{3}\ \Phi_{9}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
66383	1148	558	$\frac{8}{279}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{271}{558}$	$\Phi_{558}^{4}\ \Phi_{186}^{4}\ \Phi_{62}^{4}\ \Phi_{31}\ \Phi_{18}^{4}\ \Phi_{6}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
66384	1148	558	$\frac{8}{279}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{271}{558}$	$\Phi_{558}^{4}\ \Phi_{186}^{4}\ \Phi_{62}^{4}\ \Phi_{31}\ \Phi_{18}^{4}\ \Phi_{6}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
66385	1148	2790	$\frac{8}{279}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{271}{558}$	$\Phi_{2790}\ \Phi_{930}\ \Phi_{310}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
66386	1148	792	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{17}{99}$	$\frac{16}{33}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}\ \Phi_{198}^{2}\ \Phi_{132}\ \Phi_{88}\ \Phi_{72}^{2}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}^{2}\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{6}$
66387	1148	320	$\frac{1}{32}$	$\frac{33}{320}$	$\frac{1}{5}$	$\frac{31}{64}$	$\Phi_{320}^{3}\ \Phi_{160}^{4}\ \Phi_{80}^{4}\ \Phi_{64}^{4}\ \Phi_{40}^{4}\ \Phi_{32}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
66388	1148	837	$\frac{1}{31}$	$\frac{16}{279}$	$\frac{263}{837}$	$\frac{15}{31}$	$\Phi_{837}^{2}\ \Phi_{31}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$
66389	1148	310	$\frac{1}{31}$	$\frac{23}{310}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{310}^{4}\ \Phi_{155}^{4}\ \Phi_{62}^{4}\ \Phi_{31}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
66390	1148	372	$\frac{1}{31}$	$\frac{8}{93}$	$\frac{85}{372}$	$\frac{15}{31}$	$\Phi_{372}^4\ \Phi_{186}^4\ \Phi_{124}^4\ \Phi_{62}^4\ \Phi_{31}\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
66391	1148	93	$\frac{1}{31}$	$\frac{11}{93}$	$\frac{16}{93}$	$\frac{15}{31}$	$\Phi_{93}^{12}\ \Phi_{31}^{13}\ \Phi_3^{12}\ \Phi_1^{14}$
66392	1148	540	$\frac{1}{27}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{13}{27}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^3\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{27}^3\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
66393	1148	1188	$\frac{1}{27}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
66394	1148	135	$\frac{1}{27}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{13}{27}$	$\Phi_{135}^8\ \Phi_{45}^9\ \Phi_{27}^9\ \Phi_{15}^9\ \Phi_9^{10}\ \Phi_5^8\ \Phi_3^{10}\ \Phi_1^{10}$
66395	1148	1350	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{13}{27}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{27}\ \Phi_{25}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
66396	1148	432	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{13}{27}$	$\Phi_{432}^3\ \Phi_{216}^2\ \Phi_{144}^3\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^4\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{16}^4\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
66397	1148	552	$\frac{11}{276}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{265}{552}$	$\Phi_{552}^4\ \Phi_{184}^4\ \Phi_{69}\ \Phi_{24}^4\ \Phi_8^4$
66398	1148	2760	$\frac{11}{276}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{265}{552}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
66399	1148	300	$\frac{1}{25}$	$\frac{13}{300}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^3\ \Phi_{60}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
66400	1148	897	$\frac{12}{299}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{897}^2\ \Phi_{69}\ \Phi_{39}^2$
66401	1148	1650	$\frac{1}{25}$	$\frac{12}{275}$	$\frac{1}{3}$	$\frac{263}{550}$	$\Phi_{1650}^2\ \Phi_{330}^2\ \Phi_{150}^2\ \Phi_{75}\ \Phi_{66}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
66402	1148	2262	$\frac{1}{29}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{2262}\ \Phi_{754}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
66403	1148	2720	$\frac{15}{272}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{257}{544}$	$\Phi_{2720}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
66404	1148	540	$\frac{1}{18}$	$\frac{17}{270}$	$\frac{1}{5}$	$\frac{253}{540}$	$\Phi_{540}^4\ \Phi_{180}^4\ \Phi_{108}^4\ \Phi_{90}\ \Phi_{60}^4\ \Phi_{45}\ \Phi_{36}^4\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}\ \Phi_4^4$
66405	1148	616	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{36}{77}$	$\Phi_{616}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{88}^3\ \Phi_{56}^2\ \Phi_{44}^3\ \Phi_{28}^2\ \Phi_{22}^3\ \Phi_{14}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
66406	1148	360	$\frac{1}{15}$	$\frac{4}{45}$	$\frac{1}{8}$	$\frac{7}{15}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^3\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{36}^4\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
66407	1148	1624	$\frac{1}{29}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{1624}\ \Phi_{406}\ \Phi_{232}\ \Phi_{203}\ \Phi_{58}$
66408	1148	546	$\frac{1}{42}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{78}^2\ \Phi_{42}^4\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{13}^2\ \Phi_7^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
66409	1148	702	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{13}{54}$	$\frac{6}{13}$	$\Phi_{702}^2\ \Phi_{351}\ \Phi_{234}^2\ \Phi_{117}\ \Phi_{78}^2\ \Phi_{54}^4\ \Phi_{39}\ \Phi_{27}^2\ \Phi_{26}^2\ \Phi_{18}^4\ \Phi_{13}^2\ \Phi_9^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
66410	1148	585	$\frac{1}{13}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{6}{13}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{117}\ \Phi_{65}^2\ \Phi_{45}^4\ \Phi_{39}\ \Phi_{15}^4\ \Phi_{13}^2\ \Phi_9^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
66411	1148	2640	$\frac{1}{24}$	$\frac{23}{264}$	$\frac{1}{5}$	$\frac{241}{528}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
66412	1148	88	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{88}^{15}\ \Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_{11}^{12}\ \Phi_8^{14}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{12}$
66413	1148	600	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{1}{8}$	$\frac{34}{75}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^3\ \Phi_{100}^2\ \Phi_{60}^3\ \Phi_{50}^2\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
66414	1148	1218	$\frac{1}{42}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{406}\ \Phi_{203}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
66415	1148	74	$\frac{1}{37}$	$\frac{4}{37}$	$\frac{9}{37}$	$\frac{33}{74}$	$\Phi_{74}^{28}\ \Phi_{37}^3\ \Phi_2^{28}\ \Phi_1^4$
66416	1148	2560	$\frac{1}{32}$	$\frac{31}{256}$	$\frac{1}{5}$	$\frac{225}{512}$	$\Phi_{2560}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
66417	1148	360	$\frac{1}{36}$	$\frac{5}{36}$	$\frac{1}{5}$	$\frac{31}{72}$	$\Phi_{360}^7\ \Phi_{180}\ \Phi_{120}^7\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}^7\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
66418	1148	2088	$\frac{1}{29}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{232}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
66419	1148	1147	$\frac{20}{1147}$	$\frac{161}{1147}$	$\frac{327}{1147}$	$\frac{493}{1147}$	$\Phi_{1147}\ \Phi_{37}\ \Phi_{31}\ \Phi_1^2$
66420	1148	1725	$\frac{8}{575}$	$\frac{81}{575}$	$\frac{1}{3}$	$\frac{247}{575}$	$\Phi_{1725}\ \Phi_{345}\ \Phi_{75}\ \Phi_{69}\ \Phi_{15}$
66421	1148	996	$\frac{1}{83}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{996}^2\ \Phi_{332}^2\ \Phi_{249}$
66422	1148	1956	$\frac{3}{163}$	$\frac{1}{6}$	$\frac{40}{163}$	$\frac{5}{12}$	$\Phi_{1956}\ \Phi_{652}\ \Phi_{163}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
66423	1148	420	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{420}^6\ \Phi_{210}\ \Phi_{140}^6\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}^5\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{10}$
66424	1148	1392	$\frac{1}{29}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{232}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
66425	1148	2030	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{2030}\ \Phi_{406}\ \Phi_{290}\ \Phi_{203}\ \Phi_{58}$
66426	1148	480	$\frac{1}{48}$	$\frac{47}{240}$	$\frac{1}{5}$	$\frac{193}{480}$	$\Phi_{480}^4\ \Phi_{240}\ \Phi_{160}^4\ \Phi_{120}\ \Phi_{96}^4\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}^4\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
66427	1148	870	$\frac{3}{290}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{870}^2\ \Phi_{435}^2\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
66428	1148	830	$\frac{1}{83}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{830}^2\ \Phi_{415}\ \Phi_{166}^2$
66429	1148	680	$\frac{3}{85}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{680}^2\ \Phi_{340}^2\ \Phi_{170}^2\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{40}\ \Phi_{34}^2\ \Phi_{20}\ \Phi_{10}$
66430	1148	264	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{8}{33}$	$\frac{25}{66}$	$\Phi_{264}^5\ \Phi_{132}^5\ \Phi_{88}^5\ \Phi_{66}\ \Phi_{44}^5\ \Phi_{33}^4\ \Phi_{24}^5\ \Phi_{22}\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_8^4\ \Phi_6\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
66431	1148	1380	$\frac{1}{115}$	$\frac{57}{230}$	$\frac{1}{3}$	$\frac{173}{460}$	$\Phi_{1380}^2\ \Phi_{345}\ \Phi_{276}^2\ \Phi_{69}\ \Phi_{60}^2\ \Phi_{15}\ \Phi_{12}^2$
66432	1148	444	$\frac{1}{37}$	$\frac{9}{74}$	$\frac{65}{222}$	$\frac{157}{444}$	$\Phi_{444}^4\ \Phi_{148}^4\ \Phi_{74}^4\ \Phi_{37}^3\ \Phi_{12}^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
66433	1148	62	$\frac{1}{31}$	$\frac{3}{31}$	$\frac{10}{31}$	$\frac{21}{62}$	$\Phi_{62}^{28}\ \Phi_{31}^9\ \Phi_2^{28}\ \Phi_1^{10}$
66434	1148	2160	$\frac{1}{72}$	$\frac{1}{5}$	$\frac{71}{216}$	$\frac{145}{432}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
66435	1148	429	$\frac{1}{143}$	$\frac{142}{429}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{429}^3\ \Phi_{143}^2\ \Phi_{39}^3\ \Phi_{33}^3\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_3^4\ \Phi_1^4$
66436	1148	747	$\frac{1}{83}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{747}^2\ \Phi_{249}$
66437	1148	429	$\frac{3}{143}$	$\frac{20}{143}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{429}^2\ \Phi_{143}^4\ \Phi_{39}^2\ \Phi_{33}^2\ \Phi_{13}^4\ \Phi_{11}^4\ \Phi_3^3\ \Phi_1^6$
66438	1148	168	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{168}^8\ \Phi_{84}^8\ \Phi_{56}^8\ \Phi_{42}^4\ \Phi_{28}^8\ \Phi_{24}^7\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^7\ \Phi_8^6\ \Phi_7^4\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
66439	1148	297	$\frac{10}{297}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{297}^4\ \Phi_{99}^4\ \Phi_{33}^3\ \Phi_{27}^4\ \Phi_{11}^2\ \Phi_9^4\ \Phi_3^4\ \Phi_1^4$
66440	1148	312	$\frac{1}{26}$	$\frac{25}{312}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{312}^4\ \Phi_{156}^4\ \Phi_{104}^4\ \Phi_{78}^3\ \Phi_{52}^4\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{24}^4\ \Phi_{13}^2\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
66441	1148	897	$\frac{12}{299}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{897}\ \Phi_{299}^2\ \Phi_{69}\ \Phi_{23}^2\ \Phi_3\ \Phi_1^2$
66442	1148	132	$\frac{1}{22}$	$\frac{3}{44}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{132}^7\ \Phi_{66}^6\ \Phi_{44}^{14}\ \Phi_{33}^6\ \Phi_{22}^{12}\ \Phi_{12}^7\ \Phi_{11}^{12}\ \Phi_6^6\ \Phi_4^{14}\ \Phi_3^7\ \Phi_2^{12}\ \Phi_1^{14}$
66443	1148	855	$\frac{4}{285}$	$\frac{1}{5}$	$\frac{281}{855}$	$\frac{1}{3}$	$\Phi_{855}^2\ \Phi_{171}^2\ \Phi_{45}^2\ \Phi_{15}\ \Phi_9^2$
66444	1148	1944	$\frac{2}{81}$	$\frac{1}{8}$	$\frac{79}{243}$	$\frac{1}{3}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
66445	1148	621	$\frac{1}{23}$	$\frac{47}{621}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{621}^2\ \Phi_{207}^2\ \Phi_{69}\ \Phi_{27}^2\ \Phi_9^2$
66446	1148	60	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{60}^{19}\ \Phi_{30}^{19}\ \Phi_{20}^{18}\ \Phi_{15}^{21}\ \Phi_{12}^{19}\ \Phi_{10}^{18}\ \Phi_6^{19}\ \Phi_5^{20}\ \Phi_4^{18}\ \Phi_3^{20}\ \Phi_2^{18}\ \Phi_1^{20}$
66447	1148	414	$\frac{1}{23}$	$\frac{11}{138}$	$\frac{127}{414}$	$\frac{1}{3}$	$\Phi_{414}^4\ \Phi_{207}^4\ \Phi_{69}\ \Phi_{18}^4\ \Phi_9^4$
66448	1148	825	$\frac{1}{25}$	$\frac{24}{275}$	$\frac{251}{825}$	$\frac{1}{3}$	$\Phi_{825}\ \Phi_{275}^2\ \Phi_{165}\ \Phi_{75}^2\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
66449	1148	585	$\frac{11}{585}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{117}^2\ \Phi_{65}^2\ \Phi_{45}^2\ \Phi_{39}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_9^2$
66450	1148	660	$\frac{1}{15}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
66451	1148	1467	$\frac{3}{163}$	$\frac{2}{9}$	$\frac{40}{163}$	$\frac{1}{3}$	$\Phi_{1467}\ \Phi_{163}\ \Phi_9^2\ \Phi_1^2$
66452	1148	1140	$\frac{2}{95}$	$\frac{1}{5}$	$\frac{93}{380}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
66453	1148	216	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{13}{54}$	$\frac{1}{3}$	$\Phi_{216}^6\ \Phi_{108}^6\ \Phi_{72}^6\ \Phi_{54}^2\ \Phi_{36}^6\ \Phi_{27}^4\ \Phi_{24}^7\ \Phi_{18}^2\ \Phi_{12}^7\ \Phi_9^4\ \Phi_8^6\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
66454	1148	138	$\frac{1}{23}$	$\frac{5}{46}$	$\frac{11}{46}$	$\frac{1}{3}$	$\Phi_{138}^{12}\ \Phi_{69}^{13}\ \Phi_6^{12}\ \Phi_3^{12}$
66455	1148	630	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}\ \Phi_{105}\ \Phi_{90}^3\ \Phi_{70}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
66456	1148	1368	$\frac{7}{171}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{38}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
66457	1148	1104	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{81}{368}$	$\frac{1}{3}$	$\Phi_{1104}^2\ \Phi_{552}^2\ \Phi_{69}\ \Phi_{48}^2\ \Phi_{24}^2$
66458	1148	1710	$\frac{2}{57}$	$\frac{55}{342}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{190}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
66459	1148	285	$\frac{4}{95}$	$\frac{13}{95}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{285}^6\ \Phi_{57}^6\ \Phi_{15}^7\ \Phi_3^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
66460	1148	300	$\frac{13}{300}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^4\ \Phi_{60}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
66461	1148	45	$\frac{1}{15}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{45}^{28}\ \Phi_{15}^{21}\ \Phi_9^{28}\ \Phi_5^{20}\ \Phi_3^{20}\ \Phi_1^{20}$
66462	1148	150	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{150}^9\ \Phi_{75}^9\ \Phi_{50}^{10}\ \Phi_{25}^{10}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
66463	1148	345	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{58}{345}$	$\frac{1}{3}$	$\Phi_{345}^4\ \Phi_{115}^4\ \Phi_{69}\ \Phi_{15}^4\ \Phi_5^4$
66464	1148	240	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{240}^6\ \Phi_{120}^4\ \Phi_{80}^6\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^6\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_8^2\ \Phi_6^3\ \Phi_5^6\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
66465	1148	1512	$\frac{2}{27}$	$\frac{1}{8}$	$\frac{25}{189}$	$\frac{1}{3}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
66466	1148	138	$\frac{2}{23}$	$\frac{5}{46}$	$\frac{3}{23}$	$\frac{1}{3}$	$\Phi_{138}^{14}\ \Phi_{69}^{11}\ \Phi_6^{14}\ \Phi_3^{10}$
66467	1148	360	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^2\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{36}^2\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
66468	1148	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{19}{60}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^7\ \Phi_{45}^6\ \Phi_{36}^6\ \Phi_{30}^7\ \Phi_{20}^6\ \Phi_{18}^6\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}^6\ \Phi_9^9\ \Phi_6^7\ \Phi_5^6\ \Phi_4^6\ \Phi_3^{10}\ \Phi_2^6\ \Phi_1^{10}$
66469	1148	120	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{19}{60}$	$\Phi_{120}^{16}\ \Phi_{60}^{12}\ \Phi_{40}\ \Phi_{30}^{12}\ \Phi_{24}^{16}\ \Phi_{20}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_{10}\ \Phi_6^{12}\ \Phi_3^{12}$
66470	1148	1620	$\frac{1}{18}$	$\frac{37}{324}$	$\frac{1}{5}$	$\frac{17}{54}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
66471	1148	1848	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{10}{77}$	$\frac{67}{231}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
66472	1148	1566	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{1566}\ \Phi_{783}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
66473	1148	1800	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{14}{75}$	$\frac{61}{225}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
66474	1148	310	$\frac{23}{310}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{310}^4\ \Phi_{155}^4\ \Phi_{62}^4\ \Phi_{31}\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^2$
66475	1148	440	$\frac{3}{55}$	$\frac{1}{8}$	$\frac{13}{55}$	$\frac{14}{55}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{40}^3\ \Phi_{22}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
66476	1148	1920	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{31}{128}$	$\frac{97}{384}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
66477	1148	396	$\frac{3}{44}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^3\ \Phi_{99}^3\ \Phi_{66}^3\ \Phi_{44}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
66478	1148	440	$\frac{3}{44}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{440}^4\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{55}^3\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
66479	1148	372	$\frac{8}{93}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{85}{372}$	$\Phi_{372}^4\ \Phi_{186}^4\ \Phi_{124}^4\ \Phi_{62}^4\ \Phi_{31}\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
66480	1148	45	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{45}^{25}\ \Phi_{15}^{25}\ \Phi_9^{28}\ \Phi_5^{24}\ \Phi_3^{28}\ \Phi_1^{28}$
66481	1148	450	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{50}$	$\frac{2}{9}$	$\Phi_{450}^3\ \Phi_{225}^3\ \Phi_{150}^3\ \Phi_{75}^3\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
66482	1148	144	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{2}{9}$	$\Phi_{144}^9\ \Phi_{72}^6\ \Phi_{48}^{10}\ \Phi_{36}^6\ \Phi_{24}^7\ \Phi_{18}^6\ \Phi_{16}^{10}\ \Phi_{12}^7\ \Phi_9^9\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^{10}\ \Phi_2^6\ \Phi_1^{10}$
66483	1148	155	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{27}{155}$	$\frac{32}{155}$	$\Phi_{155}^7\ \Phi_{31}^9\ \Phi_5^7\ \Phi_1^{10}$
66484	1148	360	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{1}{5}$	$\frac{73}{360}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{45}\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}\ \Phi_8^4\ \Phi_4^4$
66485	1148	360	$\frac{4}{45}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{40}\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^4$
66486	1148	200	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{50}$	$\frac{1}{5}$	$\Phi_{200}^8\ \Phi_{100}^8\ \Phi_{50}^4\ \Phi_{40}\ \Phi_{25}^4\ \Phi_{20}\ \Phi_{10}$
66487	1148	320	$\frac{33}{320}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{5}$	$\Phi_{320}^4\ \Phi_{160}^4\ \Phi_{80}^4\ \Phi_{64}^4\ \Phi_{40}\ \Phi_{32}^4\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{10}$
66488	1148	240	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{5}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{80}^7\ \Phi_{60}^7\ \Phi_{40}\ \Phi_{30}^7\ \Phi_{20}\ \Phi_{15}^7\ \Phi_{10}$
66489	1149	2288	$\frac{5}{1144}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1139}{2288}$	$\Phi_{2288}\ \Phi_{208}\ \Phi_{176}\ \Phi_{16}\ \Phi_8\ \Phi_1$
66490	1149	1524	$\frac{2}{381}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{379}{762}$	$\Phi_{1524}\ \Phi_{508}\ \Phi_{381}\ \Phi_{127}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
66491	1149	656	$\frac{1}{164}$	$\frac{55}{328}$	$\frac{273}{656}$	$\frac{163}{328}$	$\Phi_{656}^3\ \Phi_{328}\ \Phi_{16}^3\ \Phi_8\ \Phi_1$
66492	1149	512	$\frac{1}{128}$	$\frac{1}{4}$	$\frac{129}{512}$	$\frac{127}{256}$	$\Phi_{512}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
66493	1149	760	$\frac{3}{380}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{377}{760}$	$\Phi_{760}^3\ \Phi_{152}^3\ \Phi_{40}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
66494	1149	2272	$\frac{13}{1136}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1123}{2272}$	$\Phi_{2272}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
66495	1149	756	$\frac{5}{378}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{373}{756}$	$\Phi_{756}^3\ \Phi_{252}^3\ \Phi_{108}^3\ \Phi_{84}^3\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{12}^3\ \Phi_{7}^2\ \Phi_{4}^3\ \Phi_{1}^3$
66496	1149	756	$\frac{5}{378}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{373}{756}$	$\Phi_{756}\ \Phi_{378}^2\ \Phi_{252}\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
66497	1149	1540	$\frac{6}{385}$	$\frac{1}{7}$	$\frac{391}{1540}$	$\frac{379}{770}$	$\Phi_{1540}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}\ \Phi_{77}\ \Phi_{55}\ \Phi_{44}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{11}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
66498	1149	752	$\frac{7}{376}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{369}{752}$	$\Phi_{752}^3\ \Phi_{16}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
66499	1149	1280	$\frac{3}{128}$	$\frac{131}{1280}$	$\frac{1}{4}$	$\frac{125}{256}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
66500	1149	2240	$\frac{29}{1120}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{1091}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{64}\ \Phi_{56}\ \Phi_{8}\ \Phi_{1}$
66501	1149	2240	$\frac{29}{1120}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1091}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
66502	1149	2240	$\frac{29}{1120}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1091}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{64}\ \Phi_{35}\ \Phi_{5}\ \Phi_{1}$
66503	1149	462	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{79}{462}$	$\frac{75}{154}$	$\Phi_{462}^3\ \Phi_{231}^3\ \Phi_{77}^3\ \Phi_{66}^3\ \Phi_{42}^3\ \Phi_{33}^3\ \Phi_{21}^3\ \Phi_{11}^3\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{3}^3\ \Phi_{1}^3$
66504	1149	744	$\frac{11}{372}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{361}{744}$	$\Phi_{744}^3\ \Phi_{248}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
66505	1149	560	$\frac{1}{28}$	$\frac{29}{560}$	$\frac{177}{560}$	$\frac{27}{56}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
66506	1149	1232	$\frac{1}{28}$	$\frac{83}{1232}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{176}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
66507	1149	1400	$\frac{1}{28}$	$\frac{29}{280}$	$\frac{251}{1400}$	$\frac{27}{56}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{200}\ \Phi_{175}\ \Phi_{100}\ \Phi_{56}\ \Phi_{50}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
66508	1149	448	$\frac{1}{28}$	$\frac{29}{224}$	$\frac{65}{448}$	$\frac{27}{56}$	$\Phi_{448}^3\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{64}^3\ \Phi_{56}^3\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
66509	1149	736	$\frac{15}{368}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{353}{736}$	$\Phi_{736}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
66510	1149	728	$\frac{1}{28}$	$\frac{19}{364}$	$\frac{9}{28}$	$\frac{345}{728}$	$\Phi_{728}^3\ \Phi_{104}^3\ \Phi_{56}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
66511	1149	2176	$\frac{3}{64}$	$\frac{61}{1088}$	$\frac{1}{4}$	$\frac{1027}{2176}$	$\Phi_{2176}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
66512	1149	420	$\frac{2}{35}$	$\frac{37}{420}$	$\frac{1}{7}$	$\frac{33}{70}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{4}^3\ \Phi_{3}^3\ \Phi_{1}^3$
66513	1149	720	$\frac{1}{24}$	$\frac{23}{360}$	$\frac{1}{4}$	$\frac{337}{720}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{144}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
66514	1149	2156	$\frac{71}{1078}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1007}{2156}$	$\Phi_{2156}\ \Phi_{308}\ \Phi_{196}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
66515	1149	1568	$\frac{1}{28}$	$\frac{27}{392}$	$\frac{419}{1568}$	$\frac{365}{784}$	$\Phi_{1568}\ \Phi_{392}\ \Phi_{224}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
66516	1149	1232	$\frac{83}{1232}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{154}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{176}\ \Phi_{112}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{28}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
66517	1149	704	$\frac{1}{32}$	$\frac{31}{352}$	$\frac{1}{4}$	$\frac{321}{704}$	$\Phi_{704}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
66518	1149	700	$\frac{2}{35}$	$\frac{33}{350}$	$\frac{1}{7}$	$\frac{317}{700}$	$\Phi_{700}^3\ \Phi_{140}^3\ \Phi_{100}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{7}^2\ \Phi_{5}^3\ \Phi_{4}^3\ \Phi_{1}^3$
66519	1149	2048	$\frac{3}{128}$	$\frac{125}{1024}$	$\frac{1}{4}$	$\frac{899}{2048}$	$\Phi_{2048}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
66520	1149	672	$\frac{1}{48}$	$\frac{47}{336}$	$\frac{1}{4}$	$\frac{289}{672}$	$\Phi_{672}^3\ \Phi_{224}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
66521	1149	672	$\frac{1}{28}$	$\frac{47}{336}$	$\frac{9}{56}$	$\frac{289}{672}$	$\Phi_{672}^3\ \Phi_{224}^3\ \Phi_{96}^3\ \Phi_{56}^3\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
66522	1149	448	$\frac{1}{28}$	$\frac{65}{448}$	$\frac{9}{56}$	$\frac{47}{112}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{64}^3\ \Phi_{56}^3\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
66523	1149	656	$\frac{1}{82}$	$\frac{55}{328}$	$\frac{27}{82}$	$\frac{273}{656}$	$\Phi_{656}^3\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{16}^3\ \Phi_{2}^2\ \Phi_{1}^3$
66524	1149	1190	$\frac{41}{1190}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{238}\ \Phi_{170}\ \Phi_{119}\ \Phi_{85}\ \Phi_{35}\ \Phi_{34}\ \Phi_{17}\ \Phi_{5}\ \Phi_{1}$
66525	1149	1960	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{169}{980}$	$\frac{811}{1960}$	$\Phi_{1960}\ \Phi_{392}\ \Phi_{280}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{40}\ \Phi_{8}\ \Phi_{1}$
66526	1149	640	$\frac{1}{64}$	$\frac{63}{320}$	$\frac{1}{4}$	$\frac{257}{640}$	$\Phi_{640}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
66527	1149	1640	$\frac{1}{82}$	$\frac{81}{410}$	$\frac{491}{1640}$	$\frac{329}{820}$	$\Phi_{1640}\ \Phi_{410}\ \Phi_{328}\ \Phi_{205}\ \Phi_{40}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
66528	1149	616	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{75}{308}$	$\frac{233}{616}$	$\Phi_{616}^3\ \Phi_{88}^3\ \Phi_{77}^3\ \Phi_{56}^3\ \Phi_{11}^3\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{1}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
66529	1149	416	$\frac{5}{104}$	$\frac{33}{416}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{416}^3\ \Phi_{208}^3\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{32}^3\ \Phi_{26}^2\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
66530	1149	1232	$\frac{5}{88}$	$\frac{83}{1232}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{176}\ \Phi_{154}\ \Phi_{112}\ \Phi_{77}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
66531	1149	392	$\frac{9}{392}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{392}^3\ \Phi_{196}^3\ \Phi_{98}^3\ \Phi_{56}^3\ \Phi_{49}^3\ \Phi_{28}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
66532	1149	492	$\frac{1}{82}$	$\frac{109}{492}$	$\frac{27}{82}$	$\frac{55}{164}$	$\Phi_{492}^3\ \Phi_{246}^3\ \Phi_{123}^3\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
66533	1149	576	$\frac{1}{96}$	$\frac{1}{4}$	$\frac{95}{288}$	$\frac{193}{576}$	$\Phi_{576}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
66534	1149	567	$\frac{5}{189}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{184}{567}$	$\Phi_{567}^3\ \Phi_{81}^3\ \Phi_7^2\ \Phi_1^3$
66535	1149	432	$\frac{1}{24}$	$\frac{49}{432}$	$\frac{1}{4}$	$\frac{23}{72}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{48}^3\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
66536	1149	560	$\frac{29}{560}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{177}{560}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
66537	1149	539	$\frac{6}{77}$	$\frac{71}{539}$	$\frac{1}{7}$	$\frac{156}{539}$	$\Phi_{539}^2\ \Phi_{77}^3\ \Phi_{49}^2\ \Phi_{11}^3\ \Phi_7^2\ \Phi_1^3$
66538	1149	504	$\frac{5}{126}$	$\frac{1}{7}$	$\frac{121}{504}$	$\frac{2}{7}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{84}^3\ \Phi_{72}^3\ \Phi_{56}^3\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
66539	1149	399	$\frac{16}{399}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{399}^3\ \Phi_{133}^3\ \Phi_{57}^3\ \Phi_{19}^3\ \Phi_7^2\ \Phi_1^3$
66540	1149	441	$\frac{5}{63}$	$\frac{58}{441}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{441}^3\ \Phi_{147}^3\ \Phi_{49}^3\ \Phi_7^2\ \Phi_1^3$
66541	1149	420	$\frac{37}{420}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_4^3\ \Phi_1^3$
66542	1149	504	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{121}{504}$	$\frac{47}{168}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{126}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
66543	1149	396	$\frac{13}{396}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^3\ \Phi_{99}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{36}\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_9^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
66544	1149	525	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{33}{175}$	$\frac{142}{525}$	$\Phi_{525}^3\ \Phi_{105}^3\ \Phi_{75}^3\ \Phi_{35}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_3^3\ \Phi_1^3$
66545	1149	512	$\frac{3}{128}$	$\frac{125}{512}$	$\frac{1}{4}$	$\frac{129}{512}$	$\Phi_{512}^2\ \Phi_{256}^2\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
66546	1149	456	$\frac{3}{76}$	$\frac{73}{456}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{152}^3\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
66547	1149	400	$\frac{17}{400}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{80}^3\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{25}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
66548	1149	504	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{121}{504}$	$\frac{1}{4}$	$\Phi_{504}^3\ \Phi_{252}\ \Phi_{168}^3\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{72}^3\ \Phi_{63}^2\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
66549	1149	480	$\frac{1}{24}$	$\frac{23}{120}$	$\frac{97}{480}$	$\frac{1}{4}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
66550	1149	1280	$\frac{3}{32}$	$\frac{131}{1280}$	$\frac{29}{160}$	$\frac{1}{4}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
66551	1149	420	$\frac{37}{420}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
66552	1149	432	$\frac{5}{54}$	$\frac{49}{432}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{108}\ \Phi_{72}^3\ \Phi_{54}^2\ \Phi_{48}^3\ \Phi_{36}\ \Phi_{27}^2\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
66553	1149	448	$\frac{3}{32}$	$\frac{29}{224}$	$\frac{65}{448}$	$\frac{1}{4}$	$\Phi_{448}^3\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{64}^3\ \Phi_{56}^2\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
66554	1149	420	$\frac{37}{420}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{140}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^2\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
66555	1149	1400	$\frac{29}{280}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{251}{1400}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{200}\ \Phi_{175}\ \Phi_{100}\ \Phi_{50}\ \Phi_{35}\ \Phi_{25}\ \Phi_5\ \Phi_1$
66556	1150	1146	$\frac{2}{573}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{571}{1146}$	$\Phi_{1146}^2\ \Phi_{382}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66557	1150	1832	$\frac{1}{229}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{114}{229}$	$\Phi_{1832}\ \Phi_{229}\ \Phi_8^2\ \Phi_1^2$
66558	1150	768	$\frac{1}{192}$	$\frac{193}{768}$	$\frac{1}{3}$	$\frac{191}{384}$	$\Phi_{768}^2\ \Phi_{256}^2\ \Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66559	1150	3432	$\frac{3}{572}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{569}{1144}$	$\Phi_{3432}\ \Phi_{312}\ \Phi_{264}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
66560	1150	1143	$\frac{7}{1143}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{568}{1143}$	$\Phi_{1143}\ \Phi_{381}\ \Phi_{127}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
66561	1150	684	$\frac{1}{114}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{113}{228}$	$\Phi_{684}^3\ \Phi_{228}^4\ \Phi_{76}^4\ \Phi_{36}^3\ \Phi_{12}^4\ \Phi_9\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
66562	1150	228	$\frac{1}{114}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{113}{228}$	$\Phi_{228}^{10}\ \Phi_{76}^{10}\ \Phi_{12}^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66563	1150	3408	$\frac{7}{568}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{561}{1136}$	$\Phi_{3408}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
66564	1150	462	$\frac{1}{77}$	$\frac{1}{6}$	$\frac{39}{154}$	$\frac{38}{77}$	$\Phi_{462}^3\ \Phi_{231}^3\ \Phi_{154}\ \Phi_{77}^2\ \Phi_{66}^3\ \Phi_{42}^3\ \Phi_{33}^3\ \Phi_{22}\ \Phi_{21}^3\ \Phi_{14}\ \Phi_{11}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
66565	1150	1134	$\frac{8}{567}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{559}{1134}$	$\Phi_{1134}^2\ \Phi_{378}^2\ \Phi_{162}^2\ \Phi_{126}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66566	1150	384	$\frac{1}{64}$	$\frac{13}{128}$	$\frac{1}{3}$	$\frac{63}{128}$	$\Phi_{384}^4\ \Phi_{192}^5\ \Phi_{96}^5\ \Phi_{48}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
66567	1150	1128	$\frac{11}{564}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{553}{1128}$	$\Phi_{1128}^2\ \Phi_{376}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66568	1150	2156	$\frac{1}{49}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{24}{49}$	$\Phi_{2156}\ \Phi_{308}\ \Phi_{196}\ \Phi_{49}\ \Phi_{44}^2\ \Phi_{28}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
66569	1150	1617	$\frac{1}{49}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{24}{49}$	$\Phi_{1617}\ \Phi_{231}\ \Phi_{147}\ \Phi_{49}\ \Phi_{33}^2\ \Phi_{21}\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
66570	1150	720	$\frac{1}{45}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{22}{45}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{144}^3\ \Phi_{80}^3\ \Phi_{48}^4\ \Phi_{45}\ \Phi_{16}^4\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
66571	1150	135	$\frac{1}{45}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{135}^9\ \Phi_{45}^7\ \Phi_{27}^{10}\ \Phi_{15}^7\ \Phi_9^8\ \Phi_5^7\ \Phi_3^7\ \Phi_1^8$
66572	1150	180	$\frac{1}{45}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{22}{45}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^6\ \Phi_{45}^7\ \Phi_{36}^7\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{18}^7\ \Phi_{15}^7\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_9^8\ \Phi_6^6\ \Phi_5^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
66573	1150	1260	$\frac{1}{45}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{22}{45}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_9\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
66574	1150	1440	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{22}{45}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
66575	1150	90	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{22}{45}$	$\Phi_{90}^{12}\ \Phi_{45}^{13}\ \Phi_{30}^{12}\ \Phi_{18}^{12}\ \Phi_{15}^{13}\ \Phi_{10}^{12}\ \Phi_9^{13}\ \Phi_6^{16}\ \Phi_5^{13}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
66576	1150	672	$\frac{3}{112}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{109}{224}$	$\Phi_{672}^5\ \Phi_{96}^5\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
66577	1150	2464	$\frac{3}{112}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{109}{224}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{44}\ \Phi_{22}$
66578	1150	672	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{109}{224}$	$\Phi_{672}^4\ \Phi_{224}^2\ \Phi_{96}^4\ \Phi_{42}\ \Phi_{32}^2\ \Phi_{21}\ \Phi_{14}$
66579	1150	132	$\frac{1}{33}$	$\frac{17}{132}$	$\frac{1}{6}$	$\frac{16}{33}$	$\Phi_{132}^{10}\ \Phi_{66}^7\ \Phi_{44}^{10}\ \Phi_{33}^8\ \Phi_{22}^7\ \Phi_{12}^{10}\ \Phi_{11}^8\ \Phi_6^6\ \Phi_4^{10}\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
66580	1150	1116	$\frac{17}{558}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{541}{1116}$	$\Phi_{1116}^2\ \Phi_{372}^2\ \Phi_{124}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66581	1150	1149	$\frac{41}{1149}$	$\frac{119}{1149}$	$\frac{206}{1149}$	$\frac{554}{1149}$	$\Phi_{1149}\ \Phi_{383}\ \Phi_3\ \Phi_1^2$
66582	1150	462	$\frac{3}{77}$	$\frac{8}{77}$	$\frac{1}{6}$	$\frac{37}{77}$	$\Phi_{462}^3\ \Phi_{231}^3\ \Phi_{154}^3\ \Phi_{66}^3\ \Phi_{42}^3\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
66583	1150	48	$\frac{1}{24}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{48}^{46}\ \Phi_{24}^2\ \Phi_{16}^{46}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66584	1150	240	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{23}{48}$	$\Phi_{240}^9\ \Phi_{80}^9\ \Phi_{48}^{10}\ \Phi_{30}^2\ \Phi_{16}^{10}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66585	1150	1200	$\frac{1}{24}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{1200}^2\ \Phi_{400}^2\ \Phi_{240}\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{25}^2\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
66586	1150	432	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{48}$	$\Phi_{432}^6\ \Phi_{144}^3\ \Phi_{48}^4\ \Phi_{27}^2\ \Phi_{16}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
66587	1150	1716	$\frac{1}{26}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{1716}^2\ \Phi_{156}^2\ \Phi_{132}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
66588	1150	2156	$\frac{1}{22}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{21}{44}$	$\Phi_{2156}\ \Phi_{308}\ \Phi_{196}\ \Phi_{49}\ \Phi_{44}^2\ \Phi_{28}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
66589	1150	132	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{21}{44}$	$\Phi_{132}^{20}\ \Phi_{66}\ \Phi_{44}^{10}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}^{20}\ \Phi_4^{10}$
66590	1150	308	$\frac{1}{22}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{21}{44}$	$\Phi_{308}^3\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{44}^4\ \Phi_{28}^5\ \Phi_{22}^4\ \Phi_{14}^6\ \Phi_{11}^4\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
66591	1150	126	$\frac{1}{21}$	$\frac{11}{126}$	$\frac{1}{6}$	$\frac{10}{21}$	$\Phi_{126}^{10}\ \Phi_{63}^{10}\ \Phi_{42}^7\ \Phi_{21}^8\ \Phi_{18}^{10}\ \Phi_{14}^7\ \Phi_9^{10}\ \Phi_7^8\ \Phi_6^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
66592	1150	3264	$\frac{1}{32}$	$\frac{31}{544}$	$\frac{1}{3}$	$\frac{513}{1088}$	$\Phi_{3264}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
66593	1150	408	$\frac{1}{24}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{408}^3\ \Phi_{204}^3\ \Phi_{136}^3\ \Phi_{102}^3\ \Phi_{68}^3\ \Phi_{51}^3\ \Phi_{34}\ \Phi_{24}^2\ \Phi_{17}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
66594	1150	216	$\frac{1}{36}$	$\frac{7}{108}$	$\frac{1}{3}$	$\frac{101}{216}$	$\Phi_{216}^{10}\ \Phi_{72}^{10}\ \Phi_{36}^2\ \Phi_{24}^{10}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^{10}\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66595	1150	1056	$\frac{1}{48}$	$\frac{47}{528}$	$\frac{1}{3}$	$\frac{481}{1056}$	$\Phi_{1056}^2\ \Phi_{352}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66596	1150	726	$\frac{6}{121}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{726}^2\ \Phi_{363}^2\ \Phi_{242}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
66597	1150	714	$\frac{1}{51}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{714}^{3}\,\Phi_{238}^{3}\,\Phi_{102}^{3}\,\Phi_{51}^{2}\,\Phi_{42}^{2}\,\Phi_{34}^{3}\,\Phi_{17}^{2}\,\Phi_{14}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
66598	1150	42	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{19}{42}$	$\Phi_{42}^{23}\,\Phi_{21}^{32}\,\Phi_{14}^{23}\,\Phi_{7}^{32}\,\Phi_{6}^{22}\,\Phi_{3}^{31}\,\Phi_{2}^{22}\,\Phi_{1}^{32}$
66599	1150	117	$\frac{2}{117}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{117}^{10}\,\Phi_{39}^{10}\,\Phi_{13}^{10}\,\Phi_{9}^{8}\,\Phi_{3}^{7}\,\Phi_{1}^{8}$
66600	1150	171	$\frac{1}{57}$	$\frac{1}{9}$	$\frac{56}{171}$	$\frac{4}{9}$	$\Phi_{171}^{7}\,\Phi_{57}^{6}\,\Phi_{19}^{6}\,\Phi_{9}^{8}\,\Phi_{3}^{7}\,\Phi_{1}^{8}$
66601	1150	1368	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{37}{152}$	$\frac{4}{9}$	$\Phi_{1368}\,\Phi_{684}\,\Phi_{456}\,\Phi_{228}\,\Phi_{152}^{2}\,\Phi_{76}^{2}\,\Phi_{72}\,\Phi_{36}\,\Phi_{24}\,\Phi_{12}\,\Phi_{9}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
66602	1150	171	$\frac{2}{57}$	$\frac{1}{9}$	$\frac{11}{57}$	$\frac{4}{9}$	$\Phi_{171}^{6}\,\Phi_{57}^{8}\,\Phi_{19}^{8}\,\Phi_{9}^{7}\,\Phi_{3}^{9}\,\Phi_{1}^{10}$
66603	1150	72	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{72}^{15}\,\Phi_{36}^{15}\,\Phi_{24}^{20}\,\Phi_{18}^{12}\,\Phi_{12}^{20}\,\Phi_{9}^{13}\,\Phi_{8}^{20}\,\Phi_{6}^{16}\,\Phi_{4}^{20}\,\Phi_{3}^{17}\,\Phi_{2}^{16}\,\Phi_{1}^{18}$
66604	1150	1197	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{18}{133}$	$\frac{4}{9}$	$\Phi_{1197}\,\Phi_{399}\,\Phi_{133}^{2}\,\Phi_{63}\,\Phi_{21}\,\Phi_{9}\,\Phi_{7}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
66605	1150	3072	$\frac{1}{64}$	$\frac{63}{512}$	$\frac{1}{3}$	$\frac{449}{1024}$	$\Phi_{3072}\,\Phi_{192}\,\Phi_{96}\,\Phi_{48}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}$
66606	1150	1632	$\frac{1}{51}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1632}\,\Phi_{544}\,\Phi_{408}\,\Phi_{204}\,\Phi_{136}\,\Phi_{102}\,\Phi_{96}\,\Phi_{68}\,\Phi_{34}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}$
66607	1150	1008	$\frac{1}{72}$	$\frac{71}{504}$	$\frac{1}{3}$	$\frac{433}{1008}$	$\Phi_{1008}^{2}\,\Phi_{336}^{2}\,\Phi_{144}^{2}\,\Phi_{112}^{2}\,\Phi_{72}^{2}\,\Phi_{48}^{2}\,\Phi_{36}^{2}\,\Phi_{24}^{2}\,\Phi_{18}^{2}\,\Phi_{16}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
66608	1150	714	$\frac{4}{119}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{714}^{2}\,\Phi_{357}^{2}\,\Phi_{238}^{2}\,\Phi_{102}^{2}\,\Phi_{51}^{2}\,\Phi_{42}\,\Phi_{34}^{2}\,\Phi_{21}\,\Phi_{14}$
66609	1150	2040	$\frac{1}{51}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{2040}\,\Phi_{680}\,\Phi_{408}\,\Phi_{204}\,\Phi_{136}\,\Phi_{120}\,\Phi_{102}\,\Phi_{68}\,\Phi_{34}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}$
66610	1150	1149	$\frac{29}{1149}$	$\frac{185}{1149}$	$\frac{224}{1149}$	$\frac{482}{1149}$	$\Phi_{1149}\,\Phi_{383}\,\Phi_{3}\,\Phi_{1}^{2}$
66611	1150	198	$\frac{1}{33}$	$\frac{16}{99}$	$\frac{1}{6}$	$\frac{83}{198}$	$\Phi_{198}^{4}\,\Phi_{99}^{6}\,\Phi_{66}^{7}\,\Phi_{33}^{8}\,\Phi_{22}^{7}\,\Phi_{18}^{4}\,\Phi_{11}^{8}\,\Phi_{9}^{6}\,\Phi_{6}^{6}\,\Phi_{3}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{8}$
66612	1150	408	$\frac{1}{24}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{408}^{3}\,\Phi_{204}^{3}\,\Phi_{136}^{3}\,\Phi_{102}^{3}\,\Phi_{68}^{3}\,\Phi_{51}^{3}\,\Phi_{34}^{3}\,\Phi_{24}^{2}\,\Phi_{12}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}$
66613	1150	1149	$\frac{44}{1149}$	$\frac{137}{1149}$	$\frac{221}{1149}$	$\frac{464}{1149}$	$\Phi_{1149}\,\Phi_{383}\,\Phi_{3}\,\Phi_{1}^{2}$
66614	1150	462	$\frac{2}{77}$	$\frac{1}{6}$	$\frac{15}{77}$	$\frac{31}{77}$	$\Phi_{462}^{3}\,\Phi_{231}^{3}\,\Phi_{154}^{3}\,\Phi_{66}^{3}\,\Phi_{42}^{3}\,\Phi_{33}^{3}\,\Phi_{22}^{3}\,\Phi_{21}^{3}\,\Phi_{14}^{3}\,\Phi_{6}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}$
66615	1150	192	$\frac{1}{96}$	$\frac{19}{96}$	$\frac{1}{3}$	$\frac{77}{192}$	$\Phi_{192}^{10}\,\Phi_{96}^{2}\,\Phi_{64}^{10}\,\Phi_{48}^{2}\,\Phi_{32}^{2}\,\Phi_{24}^{2}\,\Phi_{16}^{2}\,\Phi_{12}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
66616	1150	696	$\frac{1}{116}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{696}^{4}\,\Phi_{348}\,\Phi_{174}\,\Phi_{87}\,\Phi_{24}^{3}\,\Phi_{12}\,\Phi_{6}$
66617	1150	1832	$\frac{4}{229}$	$\frac{45}{229}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1832}\,\Phi_{229}\,\Phi_{8}^{2}\,\Phi_{1}^{2}$
66618	1150	1128	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1128}^{2}\,\Phi_{376}\,\Phi_{282}\,\Phi_{141}\,\Phi_{94}$
66619	1150	1832	$\frac{9}{229}$	$\frac{22}{229}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1832}\,\Phi_{229}\,\Phi_{8}^{2}\,\Phi_{1}^{2}$
66620	1150	264	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^{5}\,\Phi_{132}^{5}\,\Phi_{88}^{4}\,\Phi_{66}^{5}\,\Phi_{44}^{5}\,\Phi_{33}^{5}\,\Phi_{22}^{5}\,\Phi_{11}^{4}$
66621	1150	612	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{612}^{3}\,\Phi_{204}^{3}\,\Phi_{102}^{3}\,\Phi_{68}^{3}\,\Phi_{51}^{2}\,\Phi_{36}^{2}\,\Phi_{34}^{3}\,\Phi_{17}^{2}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
66622	1150	1914	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{28}{87}$	$\frac{59}{174}$	$\Phi_{1914}\,\Phi_{638}\,\Phi_{319}\,\Phi_{66}\,\Phi_{22}$
66623	1150	864	$\frac{1}{144}$	$\frac{143}{432}$	$\frac{1}{3}$	$\frac{289}{864}$	$\Phi_{864}^{2}\,\Phi_{288}^{2}\,\Phi_{144}^{2}\,\Phi_{96}^{2}\,\Phi_{72}^{2}\,\Phi_{48}^{2}\,\Phi_{36}^{2}\,\Phi_{32}^{2}\,\Phi_{24}^{2}\,\Phi_{18}^{2}\,\Phi_{16}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
66624	1150	234	$\frac{2}{117}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{234}^{6}\,\Phi_{117}^{4}\,\Phi_{78}^{6}\,\Phi_{39}^{4}\,\Phi_{26}^{6}\,\Phi_{18}^{6}\,\Phi_{13}^{4}\,\Phi_{9}^{4}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
66625	1150	216	$\frac{1}{24}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{216}^{6}\,\Phi_{108}^{6}\,\Phi_{72}^{6}\,\Phi_{54}^{6}\,\Phi_{36}^{6}\,\Phi_{27}^{4}\,\Phi_{24}^{2}\,\Phi_{18}^{6}\,\Phi_{12}^{2}\,\Phi_{9}^{4}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
66626	1150	342	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{56}{171}$	$\frac{1}{3}$	$\Phi_{342}^{6}\,\Phi_{171}^{4}\,\Phi_{18}^{6}\,\Phi_{9}^{4}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
66627	1150	648	$\frac{1}{36}$	$\frac{73}{648}$	$\frac{35}{108}$	$\frac{1}{3}$	$\Phi_{648}^{2}\,\Phi_{324}^{2}\,\Phi_{216}^{2}\,\Phi_{162}^{2}\,\Phi_{81}^{2}\,\Phi_{72}^{2}\,\Phi_{36}^{2}\,\Phi_{24}^{2}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
66628	1150	135	$\frac{2}{45}$	$\frac{2}{27}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{135}^{8}\,\Phi_{45}^{9}\,\Phi_{27}^{9}\,\Phi_{15}^{9}\,\Phi_{9}^{10}\,\Phi_{5}^{9}\,\Phi_{3}^{9}\,\Phi_{1}^{10}$
66629	1150	72	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{72}^{24}\,\Phi_{36}^{22}\,\Phi_{24}^{2}\,\Phi_{18}^{22}\,\Phi_{12}^{2}\,\Phi_{9}^{22}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
66630	1150	858	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{858}\,\Phi_{429}\,\Phi_{286}^{2}\,\Phi_{143}^{2}\,\Phi_{78}^{2}\,\Phi_{66}\,\Phi_{39}^{2}\,\Phi_{26}^{2}\,\Phi_{22}^{2}\,\Phi_{13}^{2}\,\Phi_{6}^{2}\,\Phi_{2}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
66631	1150	594	$\frac{19}{594}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66632	1150	768	$\frac{1}{64}$	$\frac{63}{256}$	$\frac{193}{768}$	$\frac{1}{3}$	$\Phi_{768}\ \Phi_{384}\ \Phi_{256}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66633	1150	168	$\frac{1}{24}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^8\ \Phi_{84}^7\ \Phi_{56}^8\ \Phi_{42}^7\ \Phi_{28}^8\ \Phi_{24}^2\ \Phi_{21}^7\ \Phi_{14}^8\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^8\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66634	1150	624	$\frac{3}{52}$	$\frac{49}{624}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66635	1150	1848	$\frac{41}{616}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
66636	1150	456	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{37}{152}$	$\frac{1}{3}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{152}^4\ \Phi_{76}^4\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66637	1150	756	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{181}{756}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66638	1150	270	$\frac{1}{15}$	$\frac{2}{27}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{270}^6\ \Phi_{135}^3\ \Phi_{90}^6\ \Phi_{54}^6\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{27}^4\ \Phi_{18}^6\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^4\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66639	1150	96	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{96}^{15}\ \Phi_{48}^{15}\ \Phi_{32}^{16}\ \Phi_{24}^2\ \Phi_{16}^{16}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66640	1150	144	$\frac{1}{36}$	$\frac{7}{36}$	$\frac{29}{144}$	$\frac{1}{3}$	$\Phi_{144}^{10}\ \Phi_{72}^{10}\ \Phi_{48}^{10}\ \Phi_{36}^2\ \Phi_{24}^{10}\ \Phi_{18}^2\ \Phi_{16}^{10}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^{10}\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66641	1150	675	$\frac{2}{27}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{25}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
66642	1150	114	$\frac{2}{57}$	$\frac{1}{6}$	$\frac{11}{57}$	$\frac{1}{3}$	$\Phi_{114}^{12}\ \Phi_{57}^8\ \Phi_{38}^{12}\ \Phi_{19}^8\ \Phi_6^{14}\ \Phi_3^9\ \Phi_2^{14}\ \Phi_1^{10}$
66643	1150	192	$\frac{7}{192}$	$\frac{31}{192}$	$\frac{37}{192}$	$\frac{1}{3}$	$\Phi_{192}^6\ \Phi_{96}^6\ \Phi_{64}^6\ \Phi_{48}^6\ \Phi_{32}^6\ \Phi_{24}^6\ \Phi_{16}^6\ \Phi_{12}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
66644	1150	384	$\frac{1}{16}$	$\frac{13}{128}$	$\frac{3}{16}$	$\frac{1}{3}$	$\Phi_{384}^5\ \Phi_{192}^5\ \Phi_{96}^5\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
66645	1150	24	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{24}^{50}\ \Phi_{12}^{50}\ \Phi_8^{50}\ \Phi_6^{42}\ \Phi_4^{50}\ \Phi_3^{41}\ \Phi_2^{42}\ \Phi_1^{42}$
66646	1150	684	$\frac{5}{114}$	$\frac{109}{684}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}^2\ \Phi_{171}^2\ \Phi_{76}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66647	1150	798	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{798}^2\ \Phi_{399}\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66648	1150	27	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{27}^{42}\ \Phi_9^{44}\ \Phi_3^{43}\ \Phi_1^{44}$
66649	1150	672	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{97}{672}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}\ \Phi_{224}^2\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66650	1150	126	$\frac{11}{126}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{3}$	$\Phi_{126}^{10}\ \Phi_{63}^8\ \Phi_{42}^{10}\ \Phi_{21}^8\ \Phi_{18}^{10}\ \Phi_{14}^{10}\ \Phi_9^{10}\ \Phi_7^8\ \Phi_6^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
66651	1150	648	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{648}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66652	1150	594	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{67}{297}$	$\frac{32}{99}$	$\Phi_{594}^3\ \Phi_{297}^2\ \Phi_{66}^3\ \Phi_{54}^3\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{22}^3\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66653	1150	1848	$\frac{3}{56}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{53}{168}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
66654	1150	168	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{53}{168}$	$\Phi_{168}^6\ \Phi_{84}^6\ \Phi_{56}^8\ \Phi_{42}^7\ \Phi_{28}^8\ \Phi_{24}^6\ \Phi_{21}^7\ \Phi_{14}^9\ \Phi_{12}^6\ \Phi_8^8\ \Phi_7^8\ \Phi_6^6\ \Phi_4^8\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
66655	1150	180	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{7}{30}$	$\frac{11}{36}$	$\Phi_{180}^9\ \Phi_{90}^9\ \Phi_{45}^9\ \Phi_{36}^{10}\ \Phi_{30}^2\ \Phi_{18}^{10}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^{10}\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66656	1150	900	$\frac{2}{25}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{225}^2\ \Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
66657	1150	108	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{11}{36}$	$\Phi_{108}^{12}\ \Phi_{54}^{12}\ \Phi_{36}^7\ \Phi_{27}^{14}\ \Phi_{18}^7\ \Phi_{12}^6\ \Phi_9^8\ \Phi_6^6\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
66658	1150	1617	$\frac{4}{49}$	$\frac{1}{11}$	$\frac{9}{49}$	$\frac{10}{33}$	$\Phi_{1617}\ \Phi_{231}\ \Phi_{147}\ \Phi_{49}\ \Phi_{33}^2\ \Phi_{21}\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
66659	1150	66	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{66}^{21}\ \Phi_{33}^{11}\ \Phi_{22}^{21}\ \Phi_{11}^{20}\ \Phi_6^{20}\ \Phi_3^{10}\ \Phi_2^{20}\ \Phi_1^{20}$
66660	1150	924	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{10}{33}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{231}\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
66661	1150	294	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{294}^5\ \Phi_{147}^5\ \Phi_{98}^5\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
66662	1150	126	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{4}{21}$	$\frac{17}{63}$	$\Phi_{126}^{15}\ \Phi_{63}^{10}\ \Phi_{42}^3\ \Phi_{21}^2\ \Phi_{18}^{15}\ \Phi_{14}^3\ \Phi_9^{10}\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
66663	1150	420	$\frac{1}{15}$	$\frac{3}{28}$	$\frac{7}{30}$	$\frac{1}{4}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^3\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{15}\ \Phi_{14}^4\ \Phi_{10}^2\ \Phi_7^4\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66664	1150	700	$\frac{2}{25}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{25}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
66665	1150	1408	$\frac{1}{11}$	$\frac{13}{128}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{44}\ \Phi_{22}$
66666	1150	308	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{5}{28}$	$\frac{1}{4}$	$\Phi_{308}^4\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{44}^5\ \Phi_{22}^5\ \Phi_{11}^4$
66667	1150	756	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{4}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}\ \Phi_{189}^2\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
66668	1150	480	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{7}{30}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{32}^4\ \Phi_{30}^2\ \Phi_{16}^4\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
66669	1150	30	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{7}{30}$	$\Phi_{30}^{38}\ \Phi_{15}^{37}\ \Phi_{10}^{38}\ \Phi_6^{42}\ \Phi_5^{37}\ \Phi_3^{41}\ \Phi_2^{42}\ \Phi_1^{42}$
66670	1150	132	$\frac{1}{11}$	$\frac{17}{132}$	$\frac{1}{6}$	$\frac{5}{22}$	$\Phi_{132}^{10}\ \Phi_{66}^7\ \Phi_{44}^{10}\ \Phi_{33}^7\ \Phi_{22}^9\ \Phi_{12}^{10}\ \Phi_{11}^8\ \Phi_6^6\ \Phi_4^{10}\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
66671	1150	800	$\frac{2}{25}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{800}^2\ \Phi_{400}^2\ \Phi_{160}\ \Phi_{80}\ \Phi_{32}^2\ \Phi_{25}^2\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
66672	1150	864	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{27}$	$\frac{7}{32}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{16}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
66673	1150	126	$\frac{11}{126}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{126}^{10}\ \Phi_{63}^{10}\ \Phi_{42}^7\ \Phi_{21}^7\ \Phi_{18}^{10}\ \Phi_{14}^9\ \Phi_9^{10}\ \Phi_7^8\ \Phi_6^6\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
66674	1150	150	$\frac{2}{25}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{150}^8\ \Phi_{75}^8\ \Phi_{50}^8\ \Phi_{30}^4\ \Phi_{25}^{10}\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^8\ \Phi_5^5\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
66675	1150	330	$\frac{1}{11}$	$\frac{9}{55}$	$\frac{1}{6}$	$\frac{2}{11}$	$\Phi_{330}^5\ \Phi_{165}^5\ \Phi_{110}^5\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}^5\ \Phi_{22}\ \Phi_{15}^5\ \Phi_{10}^5$
66676	1150	84	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{28}$	$\Phi_{84}^{16}\ \Phi_{42}^{17}\ \Phi_{28}^8\ \Phi_{21}^{17}\ \Phi_{14}^9\ \Phi_{12}^{16}\ \Phi_7^8\ \Phi_6^{16}\ \Phi_4^8\ \Phi_3^{16}\ \Phi_2^8\ \Phi_1^8$
66677	1150	54	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{54}^{24}\ \Phi_{27}^{26}\ \Phi_{18}^{12}\ \Phi_9^{13}\ \Phi_6^{16}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
66678	1151	1840	$\frac{1}{230}$	$\frac{231}{920}$	$\frac{689}{1840}$	$\frac{229}{460}$	$\Phi_{1840}\ \Phi_{460}\ \Phi_{368}\ \Phi_{92}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
66679	1151	2280	$\frac{11}{1140}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1129}{2280}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{152}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
66680	1151	2280	$\frac{11}{1140}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1129}{2280}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{152}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
66681	1151	1540	$\frac{4}{385}$	$\frac{1}{5}$	$\frac{389}{1540}$	$\frac{381}{770}$	$\Phi_{1540}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}\ \Phi_{77}\ \Phi_{55}\ \Phi_{44}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{11}\ \Phi_7\ \Phi_4\ \Phi_1$
66682	1151	2200	$\frac{1}{50}$	$\frac{51}{1100}$	$\frac{1049}{2200}$	$\frac{49}{100}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{200}\ \Phi_{100}\ \Phi_{88}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
66683	1151	2208	$\frac{1}{46}$	$\frac{47}{1104}$	$\frac{1057}{2208}$	$\frac{45}{92}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{96}\ \Phi_{92}\ \Phi_{32}\ \Phi_4\ \Phi_1$
66684	1151	1656	$\frac{1}{46}$	$\frac{47}{552}$	$\frac{505}{1656}$	$\frac{45}{92}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{414}\ \Phi_{207}\ \Phi_{92}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
66685	1151	1288	$\frac{1}{46}$	$\frac{137}{1288}$	$\frac{47}{184}$	$\frac{45}{92}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{322}\ \Phi_{161}\ \Phi_{92}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
66686	1151	1472	$\frac{1}{46}$	$\frac{47}{368}$	$\frac{321}{1472}$	$\frac{45}{92}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{92}\ \Phi_{64}\ \Phi_{32}\ \Phi_4\ \Phi_1$
66687	1151	1380	$\frac{1}{46}$	$\frac{229}{1380}$	$\frac{47}{276}$	$\frac{45}{92}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
66688	1151	1320	$\frac{4}{165}$	$\frac{169}{1320}$	$\frac{1}{5}$	$\frac{161}{330}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
66689	1151	2240	$\frac{31}{1120}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1089}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
66690	1151	2240	$\frac{31}{1120}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1089}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{64}\ \Phi_{35}\ \Phi_7\ \Phi_1$
66691	1151	1260	$\frac{4}{105}$	$\frac{109}{1260}$	$\frac{1}{5}$	$\frac{101}{210}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_3\ \Phi_1$
66692	1151	2208	$\frac{47}{1104}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{1057}{2208}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{96}\ \Phi_{69}\ \Phi_{32}\ \Phi_3\ \Phi_1$
66693	1151	2200	$\frac{51}{1100}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1049}{2200}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{200}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}\ \Phi_{11}\ \Phi_8\ \Phi_1$
66694	1151	1564	$\frac{1}{23}$	$\frac{22}{391}$	$\frac{413}{1564}$	$\frac{369}{782}$	$\Phi_{1564}\ \Phi_{391}\ \Phi_{92}\ \Phi_{68}\ \Phi_{17}\ \Phi_4\ \Phi_1$
66695	1151	1210	$\frac{59}{1210}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{1210}\ \Phi_{605}\ \Phi_{242}\ \Phi_{121}\ \Phi_{55}\ \Phi_{11}\ \Phi_1$
66696	1151	2100	$\frac{1}{50}$	$\frac{101}{1050}$	$\frac{49}{150}$	$\frac{949}{2100}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{150}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
66697	1151	2100	$\frac{4}{105}$	$\frac{101}{1050}$	$\frac{1}{5}$	$\frac{949}{2100}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
66698	1151	1520	$\frac{11}{380}$	$\frac{1}{10}$	$\frac{369}{1520}$	$\frac{9}{20}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{304}\ \Phi_{152}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
66699	1151	1200	$\frac{49}{1200}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
66700	1151	1190	$\frac{39}{1190}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{238}\ \Phi_{170}\ \Phi_{119}\ \Phi_{85}\ \Phi_{35}\ \Phi_{34}\ \Phi_{17}\ \Phi_{7}\ \Phi_{1}$
66701	1151	1600	$\frac{1}{50}$	$\frac{49}{400}$	$\frac{449}{1600}$	$\frac{351}{800}$	$\Phi_{1600}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
66702	1151	2000	$\frac{1}{50}$	$\frac{151}{1000}$	$\frac{49}{200}$	$\frac{849}{2000}$	$\Phi_{2000}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
66703	1151	1980	$\frac{4}{165}$	$\frac{161}{990}$	$\frac{1}{5}$	$\frac{829}{1980}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
66704	1151	1200	$\frac{49}{1200}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
66705	1151	1170	$\frac{19}{1170}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{130}\ \Phi_{117}\ \Phi_{90}\ \Phi_{78}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{26}\ \Phi_{18}\ \Phi_{15}\ \Phi_{13}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
66706	1151	1800	$\frac{1}{50}$	$\frac{49}{300}$	$\frac{251}{900}$	$\frac{649}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
66707	1151	1242	$\frac{1}{23}$	$\frac{91}{1242}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{1242}\ \Phi_{621}\ \Phi_{414}\ \Phi_{207}\ \Phi_{69}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
66708	1151	1740	$\frac{9}{290}$	$\frac{1}{10}$	$\frac{281}{870}$	$\frac{589}{1740}$	$\Phi_{1740}\ \Phi_{580}\ \Phi_{348}\ \Phi_{290}\ \Phi_{145}\ \Phi_{116}\ \Phi_{60}\ \Phi_{58}\ \Phi_{29}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
66709	1151	1710	$\frac{11}{570}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{559}{1710}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{342}\ \Phi_{171}\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
66710	1151	1485	$\frac{4}{165}$	$\frac{1}{5}$	$\frac{334}{1485}$	$\frac{161}{495}$	$\Phi_{1485}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}\ \Phi_{55}\ \Phi_{33}\ \Phi_{27}\ \Phi_{15}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}$
66711	1151	1656	$\frac{1}{23}$	$\frac{47}{552}$	$\frac{505}{1656}$	$\frac{22}{69}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{414}\ \Phi_{207}\ \Phi_{72}\ \Phi_{69}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
66712	1151	1380	$\frac{1}{23}$	$\frac{229}{1380}$	$\frac{47}{276}$	$\frac{22}{69}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{230}\ \Phi_{115}\ \Phi_{69}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
66713	1151	1680	$\frac{31}{560}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{529}{1680}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
66714	1151	1680	$\frac{31}{560}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{529}{1680}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
66715	1151	1650	$\frac{4}{55}$	$\frac{51}{550}$	$\frac{1}{5}$	$\frac{499}{1650}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{330}\ \Phi_{165}\ \Phi_{150}\ \Phi_{75}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
66716	1151	1575	$\frac{4}{105}$	$\frac{101}{525}$	$\frac{1}{5}$	$\frac{424}{1575}$	$\Phi_{1575}\ \Phi_{315}\ \Phi_{225}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
66717	1151	1425	$\frac{11}{285}$	$\frac{274}{1425}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
66718	1151	1200	$\frac{49}{1200}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
66719	1151	1320	$\frac{4}{55}$	$\frac{169}{1320}$	$\frac{1}{5}$	$\frac{51}{220}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
66720	1151	1280	$\frac{1}{10}$	$\frac{129}{1280}$	$\frac{31}{160}$	$\frac{9}{40}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
66721	1151	1400	$\frac{1}{10}$	$\frac{31}{280}$	$\frac{249}{1400}$	$\frac{9}{40}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{200}\ \Phi_{175}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
66722	1151	1260	$\frac{109}{1260}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{140}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
66723	1151	1375	$\frac{4}{55}$	$\frac{224}{1375}$	$\frac{51}{275}$	$\frac{1}{5}$	$\Phi_{1375}\ \Phi_{125}\ \Phi_{55}\ \Phi_{11}\ \Phi_{1}$
66724	1151	1400	$\frac{31}{280}$	$\frac{4}{35}$	$\frac{249}{1400}$	$\frac{1}{5}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{200}\ \Phi_{175}\ \Phi_{100}\ \Phi_{50}\ \Phi_{35}\ \Phi_{25}\ \Phi_{7}\ \Phi_{1}$
66725	1152	861	$\frac{1}{287}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{143}{287}$	$\Phi_{861}\ \Phi_{287}^2\ \Phi_{123}\ \Phi_{41}^2\ \Phi_{21}\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
66726	1152	1151	$\frac{5}{1151}$	$\frac{289}{1151}$	$\frac{431}{1151}$	$\frac{573}{1151}$	$\Phi_{1151}\ \Phi_{1}^2$
66727	1152	1731	$\frac{3}{577}$	$\frac{145}{577}$	$\frac{1}{3}$	$\frac{287}{577}$	Φ_{1731}
66728	1152	955	$\frac{1}{191}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{95}{191}$	$\Phi_{955}\ \Phi_{191}^2\ \Phi_{5}^2\ \Phi_{1}^4$
66729	1152	2292	$\frac{1}{191}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{95}{191}$	$\Phi_{2292}\ \Phi_{1146}\ \Phi_{12}^2\ \Phi_{6}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
66730	1152	1151	$\frac{7}{1151}$	$\frac{193}{1151}$	$\frac{479}{1151}$	$\frac{572}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
66731	1152	1001	$\frac{1}{143}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{71}{143}$	$\Phi_{1001}\ \Phi_{143}^{2}\ \Phi_{91}\ \Phi_{77}\ \Phi_{13}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
66732	1152	2145	$\frac{1}{143}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{71}{143}$	$\Phi_{2145}\ \Phi_{195}\ \Phi_{165}\ \Phi_{15}^{2}$
66733	1152	1540	$\frac{3}{385}$	$\frac{1}{4}$	$\frac{97}{385}$	$\frac{191}{385}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{140}\ \Phi_{110}\ \Phi_{70}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
66734	1152	1151	$\frac{9}{1151}$	$\frac{145}{1151}$	$\frac{503}{1151}$	$\frac{571}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
66735	1152	1151	$\frac{9}{1151}$	$\frac{287}{1151}$	$\frac{290}{1151}$	$\frac{571}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
66736	1152	2032	$\frac{1}{127}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{63}{127}$	$\Phi_{2032}\ \Phi_{127}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
66737	1152	508	$\frac{1}{127}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{63}{127}$	$\Phi_{508}^{2}\ \Phi_{254}^{2}\ \Phi_{127}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
66738	1152	1731	$\frac{5}{577}$	$\frac{97}{577}$	$\frac{1}{3}$	$\frac{286}{577}$	Φ_{1731}
66739	1152	1445	$\frac{3}{289}$	$\frac{1}{5}$	$\frac{73}{289}$	$\frac{143}{289}$	$\Phi_{1445}\ \Phi_{85}$
66740	1152	1045	$\frac{1}{95}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{47}{95}$	$\Phi_{1045}\ \Phi_{209}\ \Phi_{95}^{2}\ \Phi_{55}\ \Phi_{19}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
66741	1152	1995	$\frac{1}{95}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{47}{95}$	$\Phi_{1995}\ \Phi_{399}\ \Phi_{105}\ \Phi_{21}^{2}$
66742	1152	1045	$\frac{1}{95}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{47}{95}$	$\Phi_{1045}\ \Phi_{209}\ \Phi_{95}^{2}\ \Phi_{55}\ \Phi_{19}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
66743	1152	380	$\frac{1}{95}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{47}{95}$	$\Phi_{380}^{4}\ \Phi_{190}^{4}\ \Phi_{76}^{4}\ \Phi_{38}^{4}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
66744	1152	1151	$\frac{13}{1151}$	$\frac{97}{1151}$	$\frac{527}{1151}$	$\frac{569}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
66745	1152	1151	$\frac{13}{1151}$	$\frac{194}{1151}$	$\frac{319}{1151}$	$\frac{569}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
66746	1152	1151	$\frac{13}{1151}$	$\frac{215}{1151}$	$\frac{291}{1151}$	$\frac{569}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
66747	1152	1731	$\frac{7}{577}$	$\frac{73}{577}$	$\frac{1}{3}$	$\frac{285}{577}$	Φ_{1731}
66748	1152	308	$\frac{1}{77}$	$\frac{13}{77}$	$\frac{1}{4}$	$\frac{38}{77}$	$\Phi_{308}^{5}\ \Phi_{154}^{5}\ \Phi_{44}^{5}\ \Phi_{28}^{5}\ \Phi_{22}^{5}\ \Phi_{14}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
66749	1152	1065	$\frac{1}{71}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{35}{71}$	$\Phi_{1065}\ \Phi_{355}\ \Phi_{213}\ \Phi_{71}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
66750	1152	639	$\frac{1}{71}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{35}{71}$	$\Phi_{639}^{2}\ \Phi_{213}\ \Phi_{71}^{2}\ \Phi_{9}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
66751	1152	355	$\frac{1}{71}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{35}{71}$	$\Phi_{355}^{3}\ \Phi_{71}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
66752	1152	1151	$\frac{17}{1151}$	$\frac{73}{1151}$	$\frac{539}{1151}$	$\frac{567}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
66753	1152	1151	$\frac{17}{1151}$	$\frac{146}{1151}$	$\frac{335}{1151}$	$\frac{567}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
66754	1152	1351	$\frac{3}{193}$	$\frac{1}{7}$	$\frac{49}{193}$	$\frac{95}{193}$	Φ_{1351}
66755	1152	1071	$\frac{1}{63}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{31}{63}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}\ \Phi_{119}\ \Phi_{63}^{2}\ \Phi_{51}\ \Phi_{21}^{2}\ \Phi_{17}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
66756	1152	630	$\frac{1}{63}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{31}{63}$	$\Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{210}^{2}\ \Phi_{126}^{2}\ \Phi_{105}^{2}\ \Phi_{90}^{2}\ \Phi_{70}^{2}\ \Phi_{45}^{2}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}$
66757	1152	1071	$\frac{1}{63}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{31}{63}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}\ \Phi_{119}\ \Phi_{63}^{2}\ \Phi_{51}\ \Phi_{21}^{2}\ \Phi_{17}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
66758	1152	252	$\frac{1}{63}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{31}{63}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{84}^{6}\ \Phi_{42}^{6}\ \Phi_{36}^{6}\ \Phi_{28}^{7}\ \Phi_{18}^{6}\ \Phi_{14}^{7}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
66759	1152	1151	$\frac{19}{1151}$	$\frac{65}{1151}$	$\frac{543}{1151}$	$\frac{566}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
66760	1152	1151	$\frac{19}{1151}$	$\frac{195}{1151}$	$\frac{239}{1151}$	$\frac{566}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
66761	1152	1445	$\frac{5}{289}$	$\frac{49}{289}$	$\frac{1}{5}$	$\frac{142}{289}$	$\Phi_{1445}\ \Phi_{85}$
66762	1152	220	$\frac{1}{55}$	$\frac{7}{55}$	$\frac{1}{4}$	$\frac{27}{55}$	$\Phi_{220}^{7}\ \Phi_{110}^{7}\ \Phi_{44}^{7}\ \Phi_{22}^{7}\ \Phi_{20}^{7}\ \Phi_{10}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
66763	1152	1151	$\frac{21}{1151}$	$\frac{143}{1151}$	$\frac{293}{1151}$	$\frac{565}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
66764	1152	1731	$\frac{11}{577}$	$\frac{49}{577}$	$\frac{1}{3}$	$\frac{283}{577}$	Φ_{1731}
66765	1152	1305	$\frac{3}{145}$	$\frac{1}{9}$	$\frac{37}{145}$	$\frac{71}{145}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{87}\ \Phi_{45}\ \Phi_{15}$
66766	1152	1081	$\frac{1}{47}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{23}{47}$	$\Phi_{1081}\ \Phi_{47}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$
66767	1152	1833	$\frac{1}{47}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{1833}\ \Phi_{39}^{2}$
66768	1152	1081	$\frac{1}{47}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{23}{47}$	$\Phi_{1081}\ \Phi_{47}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
66769	1152	1692	$\frac{1}{47}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{23}{47}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{564}\ \Phi_{282}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{6}^2$
66770	1152	1081	$\frac{1}{47}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{23}{47}$	$\Phi_{1081}\ \Phi_{47}^2\ \Phi_{23}^2\ \Phi_{1}^4$
66771	1152	1645	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{23}{47}$	$\Phi_{1645}\ \Phi_{35}^2$
66772	1152	1151	$\frac{25}{1151}$	$\frac{49}{1151}$	$\frac{551}{1151}$	$\frac{563}{1151}$	$\Phi_{1151}\ \Phi_{1}^2$
66773	1152	1151	$\frac{25}{1151}$	$\frac{98}{1151}$	$\frac{351}{1151}$	$\frac{563}{1151}$	$\Phi_{1151}\ \Phi_{1}^2$
66774	1152	1151	$\frac{25}{1151}$	$\frac{147}{1151}$	$\frac{251}{1151}$	$\frac{563}{1151}$	$\Phi_{1151}\ \Phi_{1}^2$
66775	1152	430	$\frac{1}{43}$	$\frac{1}{10}$	$\frac{11}{43}$	$\frac{21}{43}$	$\Phi_{430}^3\ \Phi_{215}^3\ \Phi_{86}^3\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{2}^2$
66776	1152	1445	$\frac{7}{289}$	$\frac{37}{289}$	$\frac{1}{5}$	$\frac{141}{289}$	$\Phi_{1445}\ \Phi_{85}$
66777	1152	1151	$\frac{29}{1151}$	$\frac{107}{1151}$	$\frac{295}{1151}$	$\frac{561}{1151}$	$\Phi_{1151}\ \Phi_{1}^2$
66778	1152	1351	$\frac{5}{193}$	$\frac{1}{7}$	$\frac{33}{193}$	$\frac{94}{193}$	Φ_{1351}
66779	1152	1731	$\frac{15}{577}$	$\frac{37}{577}$	$\frac{1}{3}$	$\frac{281}{577}$	Φ_{1731}
66780	1152	748	$\frac{5}{187}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{91}{187}$	$\Phi_{748}^2\ \Phi_{374}^2\ \Phi_{68}^2\ \Phi_{44}^3\ \Phi_{34}^2\ \Phi_{22}^3\ \Phi_{4}^2\ \Phi_{2}^2$
66781	1152	1151	$\frac{31}{1151}$	$\frac{159}{1151}$	$\frac{197}{1151}$	$\frac{560}{1151}$	$\Phi_{1151}\ \Phi_{1}^2$
66782	1152	1085	$\frac{1}{35}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{17}{35}$	$\Phi_{1085}\ \Phi_{217}\ \Phi_{155}\ \Phi_{35}^2\ \Phi_{31}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
66783	1152	1785	$\frac{1}{35}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{51}^2$
66784	1152	140	$\frac{1}{35}$	$\frac{3}{35}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{140}^{11}\ \Phi_{70}^{11}\ \Phi_{28}^{11}\ \Phi_{20}^{11}\ \Phi_{14}^{11}\ \Phi_{10}^{11}\ \Phi_{4}^{10}\ \Phi_{2}^{10}$
66785	1152	1085	$\frac{1}{35}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{17}{35}$	$\Phi_{1085}\ \Phi_{217}\ \Phi_{155}\ \Phi_{35}^2\ \Phi_{31}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
66786	1152	315	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{17}{35}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{45}^5\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_{9}^4\ \Phi_{3}^4$
66787	1152	1151	$\frac{33}{1151}$	$\frac{37}{1151}$	$\frac{557}{1151}$	$\frac{559}{1151}$	$\Phi_{1151}\ \Phi_{1}^2$
66788	1152	1151	$\frac{33}{1151}$	$\frac{74}{1151}$	$\frac{359}{1151}$	$\frac{559}{1151}$	$\Phi_{1151}\ \Phi_{1}^2$
66789	1152	1151	$\frac{33}{1151}$	$\frac{95}{1151}$	$\frac{296}{1151}$	$\frac{559}{1151}$	$\Phi_{1151}\ \Phi_{1}^2$
66790	1152	1731	$\frac{17}{577}$	$\frac{33}{577}$	$\frac{1}{3}$	$\frac{280}{577}$	Φ_{1731}
66791	1152	1261	$\frac{3}{97}$	$\frac{1}{13}$	$\frac{25}{97}$	$\frac{47}{97}$	Φ_{1261}
66792	1152	1151	$\frac{37}{1151}$	$\frac{99}{1151}$	$\frac{263}{1151}$	$\frac{557}{1151}$	$\Phi_{1151}\ \Phi_{1}^2$
66793	1152	1767	$\frac{1}{31}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{1767}\ \Phi_{57}^2$
66794	1152	1085	$\frac{1}{31}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{15}{31}$	$\Phi_{1085}\ \Phi_{217}\ \Phi_{155}\ \Phi_{35}^2\ \Phi_{31}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
66795	1152	1612	$\frac{1}{31}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{1612}\ \Phi_{806}\ \Phi_{52}^2\ \Phi_{26}^2$
66796	1152	1085	$\frac{1}{31}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{15}{31}$	$\Phi_{1085}\ \Phi_{217}\ \Phi_{155}\ \Phi_{35}^2\ \Phi_{31}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
66797	1152	310	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{15}{31}$	$\Phi_{310}^4\ \Phi_{155}^3\ \Phi_{62}^4\ \Phi_{31}^4\ \Phi_{10}^8\ \Phi_{5}^6\ \Phi_{2}^8\ \Phi_{1}^8$
66798	1152	217	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{15}{31}$	$\Phi_{217}^5\ \Phi_{31}^6\ \Phi_{7}^{10}\ \Phi_{1}^{12}$
66799	1152	261	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{5}{29}$	$\frac{14}{29}$	$\Phi_{261}^5\ \Phi_{87}^5\ \Phi_{9}^4\ \Phi_{3}^4$
66800	1152	1151	$\frac{41}{1151}$	$\frac{149}{1151}$	$\frac{167}{1151}$	$\frac{555}{1151}$	$\Phi_{1151}\ \Phi_{1}^2$
66801	1152	1351	$\frac{7}{193}$	$\frac{25}{193}$	$\frac{1}{7}$	$\frac{93}{193}$	Φ_{1351}
66802	1152	1151	$\frac{43}{1151}$	$\frac{119}{1151}$	$\frac{199}{1151}$	$\frac{554}{1151}$	$\Phi_{1151}\ \Phi_{1}^2$
66803	1152	1445	$\frac{11}{289}$	$\frac{25}{289}$	$\frac{1}{5}$	$\frac{139}{289}$	$\Phi_{1445}\ \Phi_{85}$
66804	1152	308	$\frac{3}{77}$	$\frac{5}{77}$	$\frac{1}{4}$	$\frac{37}{77}$	$\Phi_{308}^5\ \Phi_{154}^5\ \Phi_{44}^5\ \Phi_{28}^5\ \Phi_{22}^5\ \Phi_{14}^5\ \Phi_{4}^4\ \Phi_{2}^4$
66805	1152	1151	$\frac{45}{1151}$	$\frac{71}{1151}$	$\frac{299}{1151}$	$\frac{553}{1151}$	$\Phi_{1151}\ \Phi_{1}^2$
66806	1152	1731	$\frac{23}{577}$	$\frac{25}{577}$	$\frac{1}{3}$	$\frac{277}{577}$	Φ_{1731}
66807	1152	1241	$\frac{3}{73}$	$\frac{1}{17}$	$\frac{19}{73}$	$\frac{35}{73}$	Φ_{1241}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
66808	1152	1151	$\frac{49}{1151}$	$\frac{50}{1151}$	$\frac{367}{1151}$	$\frac{551}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66809	1152	1151	$\frac{49}{1151}$	$\frac{75}{1151}$	$\frac{269}{1151}$	$\frac{551}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66810	1152	1725	$\frac{1}{25}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{1725}\ \Phi_{345}\ \Phi_{75}^2\ \Phi_{15}^2$
66811	1152	1081	$\frac{2}{47}$	$\frac{1}{23}$	$\frac{15}{47}$	$\frac{11}{23}$	$\Phi_{1081}\ \Phi_{47}^2\ \Phi_{23}^2\ \Phi_1^4$
66812	1152	1564	$\frac{1}{23}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{1564}\ \Phi_{782}\ \Phi_{68}^2\ \Phi_{34}^2$
66813	1152	1081	$\frac{1}{23}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{11}{23}$	$\Phi_{1081}\ \Phi_{47}^2\ \Phi_{23}^2\ \Phi_1^4$
66814	1152	1495	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{1495}\ \Phi_{65}^2$
66815	1152	1081	$\frac{1}{23}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{11}{23}$	$\Phi_{1081}\ \Phi_{47}^2\ \Phi_{23}^2\ \Phi_1^4$
66816	1152	1449	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{11}{23}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{63}^2\ \Phi_{21}^2$
66817	1152	1235	$\frac{3}{65}$	$\frac{1}{19}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{1235}\ \Phi_{247}\ \Phi_{95}$
66818	1152	1151	$\frac{55}{1151}$	$\frac{67}{1151}$	$\frac{271}{1151}$	$\frac{548}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66819	1152	1305	$\frac{7}{145}$	$\frac{1}{9}$	$\frac{19}{145}$	$\frac{69}{145}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{87}\ \Phi_{45}\ \Phi_{15}$
66820	1152	1151	$\frac{57}{1151}$	$\frac{125}{1151}$	$\frac{151}{1151}$	$\frac{547}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66821	1152	1261	$\frac{5}{97}$	$\frac{1}{13}$	$\frac{17}{97}$	$\frac{46}{97}$	Φ_{1261}
66822	1152	1445	$\frac{15}{289}$	$\frac{19}{289}$	$\frac{1}{5}$	$\frac{137}{289}$	$\Phi_{1445}\ \Phi_{85}$
66823	1152	1151	$\frac{53}{1151}$	$\frac{61}{1151}$	$\frac{303}{1151}$	$\frac{545}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66824	1152	1151	$\frac{61}{1151}$	$\frac{101}{1151}$	$\frac{175}{1151}$	$\frac{545}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66825	1152	1731	$\frac{19}{577}$	$\frac{31}{577}$	$\frac{1}{3}$	$\frac{273}{577}$	Φ_{1731}
66826	1152	1290	$\frac{7}{129}$	$\frac{1}{10}$	$\frac{17}{129}$	$\frac{61}{129}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{430}\ \Phi_{258}\ \Phi_{215}\ \Phi_{86}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
66827	1152	1151	$\frac{38}{1151}$	$\frac{65}{1151}$	$\frac{371}{1151}$	$\frac{543}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66828	1152	1151	$\frac{65}{1151}$	$\frac{111}{1151}$	$\frac{152}{1151}$	$\frac{543}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66829	1152	1351	$\frac{11}{193}$	$\frac{17}{193}$	$\frac{1}{7}$	$\frac{91}{193}$	Φ_{1351}
66830	1152	1151	$\frac{67}{1151}$	$\frac{79}{1151}$	$\frac{203}{1151}$	$\frac{542}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66831	1152	561	$\frac{1}{33}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{561}^2\ \Phi_{187}^2\ \Phi_{51}\ \Phi_{33}^4\ \Phi_{17}^2\ \Phi_{11}^4\ \Phi_3^2\ \Phi_1^4$
66832	1152	357	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{5}{21}$	$\frac{8}{17}$	$\Phi_{357}^3\ \Phi_{119}^3\ \Phi_{51}^3\ \Phi_{21}^6\ \Phi_{17}^4\ \Phi_7^6\ \Phi_3^6\ \Phi_1^8$
66833	1152	85	$\frac{1}{17}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{85}^{17}\ \Phi_5^{16}$
66834	1152	595	$\frac{1}{17}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{8}{17}$	$\Phi_{595}^2\ \Phi_{119}\ \Phi_{85}^2\ \Phi_{35}^4\ \Phi_{17}^2\ \Phi_7^2\ \Phi_5^4\ \Phi_1^4$
66835	1152	153	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{17}$	$\Phi_{153}^7\ \Phi_{51}^7\ \Phi_{17}^8\ \Phi_9^{14}\ \Phi_3^{14}\ \Phi_1^{16}$
66836	1152	1540	$\frac{17}{385}$	$\frac{23}{385}$	$\frac{1}{4}$	$\frac{181}{385}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{140}\ \Phi_{110}\ \Phi_{70}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
66837	1152	1151	$\frac{47}{1151}$	$\frac{69}{1151}$	$\frac{305}{1151}$	$\frac{541}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66838	1152	1731	$\frac{17}{577}$	$\frac{35}{577}$	$\frac{1}{3}$	$\frac{271}{577}$	Φ_{1731}
66839	1152	1225	$\frac{1}{25}$	$\frac{3}{49}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{1225}\ \Phi_{245}\ \Phi_{175}\ \Phi_{35}$
66840	1152	1151	$\frac{51}{1151}$	$\frac{73}{1151}$	$\frac{275}{1151}$	$\frac{539}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66841	1152	555	$\frac{1}{37}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{555}^2\ \Phi_{185}^2\ \Phi_{111}^3\ \Phi_{37}^2$
66842	1152	1065	$\frac{2}{71}$	$\frac{1}{15}$	$\frac{23}{71}$	$\frac{7}{15}$	$\Phi_{1065}\ \Phi_{355}\ \Phi_{213}\ \Phi_{71}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
66843	1152	300	$\frac{1}{25}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{300}^5\ \Phi_{150}^5\ \Phi_{100}^6\ \Phi_{60}^4\ \Phi_{50}^6\ \Phi_{30}^4\ \Phi_{20}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
66844	1152	1065	$\frac{3}{71}$	$\frac{1}{15}$	$\frac{17}{71}$	$\frac{7}{15}$	$\Phi_{1065}\ \Phi_{355}\ \Phi_{213}\ \Phi_{71}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
66845	1152	285	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{285}^4\ \Phi_{95}^5\ \Phi_{57}^4\ \Phi_{19}^4$
66846	1152	1065	$\frac{1}{15}$	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{7}{15}$	$\Phi_{1065}\ \Phi_{355}\ \Phi_{213}\ \Phi_{71}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
66847	1152	1365	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{91}^2$
66848	1152	1065	$\frac{1}{15}$	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{7}{15}$	$\Phi_{1065}\ \Phi_{355}\ \Phi_{213}\ \Phi_{71}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
66849	1152	90	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{7}{15}$	$\Phi_{90}^{16}\ \Phi_{45}^{13}\ \Phi_{30}^{11}\ \Phi_{18}^{16}\ \Phi_{15}^{9}\ \Phi_{10}^{10}\ \Phi_9^{12}\ \Phi_6^{11}\ \Phi_5^8\ \Phi_3^8\ \Phi_2^{10}\ \Phi_1^8$
66850	1152	1241	$\frac{1}{17}$	$\frac{5}{73}$	$\frac{13}{73}$	$\frac{34}{73}$	Φ_{1241}
66851	1152	1151	$\frac{77}{1151}$	$\frac{81}{1151}$	$\frac{179}{1151}$	$\frac{535}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66852	1152	1261	$\frac{7}{97}$	$\frac{1}{13}$	$\frac{13}{97}$	$\frac{45}{97}$	Φ_{1261}
66853	1152	1151	$\frac{85}{1151}$	$\frac{103}{1151}$	$\frac{131}{1151}$	$\frac{533}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66854	1152	1305	$\frac{11}{145}$	$\frac{13}{145}$	$\frac{1}{9}$	$\frac{67}{145}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{87}\ \Phi_{45}\ \Phi_{15}$
66855	1152	741	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{741}^2\ \Phi_{247}\ \Phi_{57}^2$
66856	1152	1151	$\frac{83}{1151}$	$\frac{89}{1151}$	$\frac{155}{1151}$	$\frac{531}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66857	1152	1351	$\frac{13}{193}$	$\frac{15}{193}$	$\frac{1}{7}$	$\frac{89}{193}$	Φ_{1351}
66858	1152	1151	$\frac{59}{1151}$	$\frac{91}{1151}$	$\frac{207}{1151}$	$\frac{530}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66859	1152	1445	$\frac{13}{289}$	$\frac{23}{289}$	$\frac{1}{5}$	$\frac{133}{289}$	$\Phi_{1445}\ \Phi_{85}$
66860	1152	1540	$\frac{13}{385}$	$\frac{31}{385}$	$\frac{1}{4}$	$\frac{177}{385}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{140}\ \Phi_{110}\ \Phi_{70}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
66861	1152	1151	$\frac{35}{1151}$	$\frac{93}{1151}$	$\frac{311}{1151}$	$\frac{529}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66862	1152	1221	$\frac{1}{33}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{1221}\ \Phi_{407}\ \Phi_{111}$
66863	1152	1731	$\frac{13}{577}$	$\frac{47}{577}$	$\frac{1}{3}$	$\frac{265}{577}$	Φ_{1731}
66864	1152	1151	$\frac{26}{1151}$	$\frac{97}{1151}$	$\frac{375}{1151}$	$\frac{527}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66865	1152	1151	$\frac{39}{1151}$	$\frac{97}{1151}$	$\frac{278}{1151}$	$\frac{527}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66866	1152	1617	$\frac{1}{49}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1617}\ \Phi_{231}\ \Phi_{147}^2\ \Phi_{21}^2$
66867	1152	1045	$\frac{2}{95}$	$\frac{1}{11}$	$\frac{31}{95}$	$\frac{5}{11}$	$\Phi_{1045}\ \Phi_{209}\ \Phi_{95}^2\ \Phi_{55}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
66868	1152	407	$\frac{1}{37}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{407}^3\ \Phi_{37}^2$
66869	1152	132	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{132}^{12}\ \Phi_{66}^{12}\ \Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_{12}^{12}\ \Phi_6^{12}\ \Phi_4^{10}\ \Phi_2^{10}$
66870	1152	1045	$\frac{3}{95}$	$\frac{1}{11}$	$\frac{23}{95}$	$\frac{5}{11}$	$\Phi_{1045}\ \Phi_{209}\ \Phi_{95}^2\ \Phi_{55}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
66871	1152	275	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{275}^4\ \Phi_{55}^3\ \Phi_{25}^8\ \Phi_{11}^4\ \Phi_5^6\ \Phi_1^8$
66872	1152	209	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{3}{19}$	$\frac{5}{11}$	$\Phi_{209}^5\ \Phi_{19}^{10}\ \Phi_{11}^6\ \Phi_1^{12}$
66873	1152	1309	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{1309}\ \Phi_{119}^2$
66874	1152	1045	$\frac{7}{95}$	$\frac{1}{11}$	$\frac{11}{95}$	$\frac{5}{11}$	$\Phi_{1045}\ \Phi_{209}\ \Phi_{95}^2\ \Phi_{55}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
66875	1152	1287	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{11}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{117}^2\ \Phi_{39}^2$
66876	1152	1151	$\frac{35}{1151}$	$\frac{109}{1151}$	$\frac{279}{1151}$	$\frac{521}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66877	1152	1241	$\frac{1}{17}$	$\frac{7}{73}$	$\frac{10}{73}$	$\frac{33}{73}$	Φ_{1241}
66878	1152	700	$\frac{1}{35}$	$\frac{17}{175}$	$\frac{1}{4}$	$\frac{79}{175}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{140}^3\ \Phi_{100}^2\ \Phi_{70}^3\ \Phi_{50}^2\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_4^2\ \Phi_2^2$
66879	1152	1151	$\frac{79}{1151}$	$\frac{113}{1151}$	$\frac{134}{1151}$	$\frac{519}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66880	1152	1225	$\frac{1}{25}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{1225}\ \Phi_{245}\ \Phi_{175}\ \Phi_{35}$
66881	1152	261	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{1}{9}$	$\frac{13}{29}$	$\Phi_{261}^5\ \Phi_{87}^5\ \Phi_9^4\ \Phi_3^4$
66882	1152	1151	$\frac{53}{1151}$	$\frac{121}{1151}$	$\frac{183}{1151}$	$\frac{515}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66883	1152	1151	$\frac{62}{1151}$	$\frac{121}{1151}$	$\frac{159}{1151}$	$\frac{515}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66884	1152	1445	$\frac{10}{289}$	$\frac{31}{289}$	$\frac{1}{5}$	$\frac{129}{289}$	$\Phi_{1445}\ \Phi_{85}$
66885	1152	1235	$\frac{1}{19}$	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{29}{65}$	$\Phi_{1235}\ \Phi_{247}\ \Phi_{95}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
66886	1152	1151	$\frac{26}{1151}$	$\frac{125}{1151}$	$\frac{319}{1151}$	$\frac{513}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66887	1152	1731	$\frac{10}{577}$	$\frac{63}{577}$	$\frac{1}{3}$	$\frac{257}{577}$	Φ_{1731}
66888	1152	1151	$\frac{71}{1151}$	$\frac{127}{1151}$	$\frac{135}{1151}$	$\frac{512}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66889	1152	1151	$\frac{20}{1151}$	$\frac{129}{1151}$	$\frac{377}{1151}$	$\frac{511}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66890	1152	1151	$\frac{80}{1151}$	$\frac{119}{1151}$	$\frac{129}{1151}$	$\frac{511}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66891	1152	1261	$\frac{1}{13}$	$\frac{9}{97}$	$\frac{11}{97}$	$\frac{43}{97}$	Φ_{1261}
66892	1152	1151	$\frac{87}{1151}$	$\frac{107}{1151}$	$\frac{133}{1151}$	$\frac{509}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66893	1152	430	$\frac{3}{43}$	$\frac{1}{10}$	$\frac{5}{43}$	$\frac{19}{43}$	$\Phi_{430}^3\ \Phi_{215}^3\ \Phi_{86}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2$
66894	1152	1305	$\frac{9}{145}$	$\frac{1}{9}$	$\frac{17}{145}$	$\frac{64}{145}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{87}\ \Phi_{45}\ \Phi_{15}$
66895	1152	1151	$\frac{55}{1151}$	$\frac{137}{1151}$	$\frac{161}{1151}$	$\frac{507}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66896	1152	1351	$\frac{9}{193}$	$\frac{23}{193}$	$\frac{1}{7}$	$\frac{85}{193}$	Φ_{1351}
66897	1152	1225	$\frac{1}{49}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1225}\ \Phi_{245}\ \Phi_{175}\ \Phi_{35}$
66898	1152	1151	$\frac{39}{1151}$	$\frac{139}{1151}$	$\frac{215}{1151}$	$\frac{506}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66899	1152	1445	$\frac{9}{289}$	$\frac{35}{289}$	$\frac{1}{5}$	$\frac{127}{289}$	$\Phi_{1445}\ \Phi_{85}$
66900	1152	1540	$\frac{9}{385}$	$\frac{47}{385}$	$\frac{1}{4}$	$\frac{169}{385}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{140}\ \Phi_{110}\ \Phi_{70}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
66901	1152	1151	$\frac{23}{1151}$	$\frac{141}{1151}$	$\frac{323}{1151}$	$\frac{505}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66902	1152	1731	$\frac{9}{577}$	$\frac{71}{577}$	$\frac{1}{3}$	$\frac{253}{577}$	Φ_{1731}
66903	1152	3120	$\frac{1}{65}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{3120}\ \Phi_{624}\ \Phi_{240}\ \Phi_{195}\ \Phi_{39}\ \Phi_{15}$
66904	1152	2032	$\frac{3}{127}$	$\frac{1}{8}$	$\frac{31}{127}$	$\frac{7}{16}$	$\Phi_{2032}\ \Phi_{127}\ \Phi_{16}^2\ \Phi_1^2$
66905	1152	2640	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{240}\ \Phi_{165}\ \Phi_{55}\ \Phi_{15}$
66906	1152	2032	$\frac{7}{127}$	$\frac{15}{127}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2032}\ \Phi_{127}\ \Phi_{16}^2\ \Phi_1^2$
66907	1152	2448	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{153}\ \Phi_{51}$
66908	1152	1151	$\frac{27}{1151}$	$\frac{145}{1151}$	$\frac{281}{1151}$	$\frac{503}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66909	1152	1221	$\frac{1}{33}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{1221}\ \Phi_{407}\ \Phi_{111}$
66910	1152	1151	$\frac{41}{1151}$	$\frac{161}{1151}$	$\frac{185}{1151}$	$\frac{495}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66911	1152	1533	$\frac{1}{73}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1533}\ \Phi_{219}^2$
66912	1152	1001	$\frac{2}{143}$	$\frac{1}{7}$	$\frac{47}{143}$	$\frac{3}{7}$	$\Phi_{1001}\ \Phi_{143}^2\ \Phi_{91}\ \Phi_{77}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
66913	1152	196	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{196}^8\ \Phi_{98}^8\ \Phi_{28}^7\ \Phi_{14}^7\ \Phi_4^6\ \Phi_2^6$
66914	1152	1001	$\frac{3}{143}$	$\frac{1}{7}$	$\frac{35}{143}$	$\frac{3}{7}$	$\Phi_{1001}\ \Phi_{143}^2\ \Phi_{91}\ \Phi_{77}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
66915	1152	1295	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1295}\ \Phi_{185}^2$
66916	1152	1001	$\frac{5}{143}$	$\frac{1}{7}$	$\frac{23}{143}$	$\frac{3}{7}$	$\Phi_{1001}\ \Phi_{143}^2\ \Phi_{91}\ \Phi_{77}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
66917	1152	175	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{175}^7\ \Phi_{35}^7\ \Phi_{25}^6\ \Phi_5^6$
66918	1152	1001	$\frac{7}{143}$	$\frac{17}{143}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1001}\ \Phi_{143}^2\ \Phi_{91}\ \Phi_{77}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
66919	1152	1197	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{171}^2\ \Phi_{57}^2$
66920	1152	1001	$\frac{8}{143}$	$\frac{15}{143}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1001}\ \Phi_{143}^2\ \Phi_{91}\ \Phi_{77}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
66921	1152	1190	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{238}\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{34}^2$
66922	1152	77	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{77}^{15}\ \Phi_{11}^{14}\ \Phi_7^{16}\ \Phi_1^{16}$
66923	1152	91	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{91}^{11}\ \Phi_{13}^{22}\ \Phi_7^{12}\ \Phi_1^{24}$
66924	1152	1151	$\frac{55}{1151}$	$\frac{137}{1151}$	$\frac{169}{1151}$	$\frac{491}{1151}$	$\Phi_{1151}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
66925	1152	1241	$\frac{1}{17}$	$\frac{7}{73}$	$\frac{11}{73}$	$\frac{31}{73}$	Φ_{1241}
66926	1152	1151	$\frac{83}{1151}$	$\frac{89}{1151}$	$\frac{177}{1151}$	$\frac{487}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
66927	1152	1261	$\frac{7}{97}$	$\frac{1}{13}$	$\frac{15}{97}$	$\frac{41}{97}$	Φ_{1261}
66928	1152	1151	$\frac{65}{1151}$	$\frac{111}{1151}$	$\frac{181}{1151}$	$\frac{485}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
66929	1152	1305	$\frac{7}{145}$	$\frac{1}{9}$	$\frac{23}{145}$	$\frac{61}{145}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{87}\ \Phi_{45}\ \Phi_{15}$
66930	1152	1351	$\frac{7}{193}$	$\frac{1}{7}$	$\frac{31}{193}$	$\frac{81}{193}$	Φ_{1351}
66931	1152	1151	$\frac{41}{1151}$	$\frac{167}{1151}$	$\frac{185}{1151}$	$\frac{483}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
66932	1152	1151	$\frac{29}{1151}$	$\frac{187}{1151}$	$\frac{223}{1151}$	$\frac{482}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
66933	1152	1445	$\frac{7}{289}$	$\frac{47}{289}$	$\frac{1}{5}$	$\frac{121}{289}$	$\Phi_{1445}\ \Phi_{85}$
66934	1152	220	$\frac{1}{55}$	$\frac{9}{55}$	$\frac{1}{4}$	$\frac{23}{55}$	$\Phi_{220}^{7}\ \Phi_{110}^{7}\ \Phi_{44}^{7}\ \Phi_{22}^{7}\ \Phi_{20}^{7}\ \Phi_{10}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
66935	1152	1151	$\frac{17}{1151}$	$\frac{189}{1151}$	$\frac{335}{1151}$	$\frac{481}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
66936	1152	1731	$\frac{7}{577}$	$\frac{95}{577}$	$\frac{1}{3}$	$\frac{241}{577}$	Φ_{1731}
66937	1152	1151	$\frac{14}{1151}$	$\frac{193}{1151}$	$\frac{379}{1151}$	$\frac{479}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
66938	1152	1241	$\frac{1}{73}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	Φ_{1241}
66939	1152	1151	$\frac{19}{1151}$	$\frac{217}{1151}$	$\frac{283}{1151}$	$\frac{467}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
66940	1152	1455	$\frac{1}{97}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1455}\ \Phi_{291}^{2}$
66941	1152	955	$\frac{2}{191}$	$\frac{1}{5}$	$\frac{63}{191}$	$\frac{2}{5}$	$\Phi_{955}\ \Phi_{191}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
66942	1152	260	$\frac{1}{65}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{260}^{6}\ \Phi_{130}^{6}\ \Phi_{52}^{6}\ \Phi_{26}^{6}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
66943	1152	955	$\frac{3}{191}$	$\frac{1}{5}$	$\frac{47}{191}$	$\frac{2}{5}$	$\Phi_{955}\ \Phi_{191}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
66944	1152	245	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{245}^{5}\ \Phi_{49}^{4}\ \Phi_{35}^{5}\ \Phi_{7}^{4}$
66945	1152	955	$\frac{5}{191}$	$\frac{31}{191}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{955}\ \Phi_{191}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
66946	1152	1155	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}^{2}\ \Phi_{105}\ \Phi_{77}^{2}\ \Phi_{21}^{2}$
66947	1152	955	$\frac{7}{191}$	$\frac{23}{191}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{955}\ \Phi_{191}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
66948	1152	225	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{225}^{6}\ \Phi_{75}^{6}\ \Phi_{45}^{5}\ \Phi_{15}^{5}\ \Phi_{9}^{4}\ \Phi_{3}^{4}$
66949	1152	665	$\frac{1}{19}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{665}^{2}\ \Phi_{133}^{2}\ \Phi_{95}$
66950	1152	955	$\frac{11}{191}$	$\frac{15}{191}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{955}\ \Phi_{191}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
66951	1152	1105	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1105}\ \Phi_{221}^{2}$
66952	1152	1151	$\frac{29}{1151}$	$\frac{187}{1151}$	$\frac{241}{1151}$	$\frac{455}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
66953	1152	1221	$\frac{1}{37}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{1221}\ \Phi_{407}\ \Phi_{111}$
66954	1152	1151	$\frac{39}{1151}$	$\frac{139}{1151}$	$\frac{253}{1151}$	$\frac{449}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
66955	1152	1151	$\frac{11}{1151}$	$\frac{257}{1151}$	$\frac{380}{1151}$	$\frac{447}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
66956	1152	1151	$\frac{44}{1151}$	$\frac{123}{1151}$	$\frac{257}{1151}$	$\frac{447}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
66957	1152	1225	$\frac{1}{25}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{1225}\ \Phi_{245}\ \Phi_{175}\ \Phi_{35}$
66958	1152	1151	$\frac{59}{1151}$	$\frac{91}{1151}$	$\frac{265}{1151}$	$\frac{443}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
66959	1152	1261	$\frac{1}{97}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{1261}
66960	1152	247	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{247}^{5}\ \Phi_{19}^{4}$
66961	1152	1241	$\frac{1}{17}$	$\frac{5}{73}$	$\frac{17}{73}$	$\frac{28}{73}$	Φ_{1241}
66962	1152	1151	$\frac{67}{1151}$	$\frac{79}{1151}$	$\frac{271}{1151}$	$\frac{440}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
66963	1152	1261	$\frac{5}{97}$	$\frac{1}{13}$	$\frac{23}{97}$	$\frac{37}{97}$	Φ_{1261}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
66964	1152	1151	$\frac{59}{1151}$	$\frac{89}{1151}$	$\frac{273}{1151}$	$\frac{439}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66965	1152	1290	$\frac{5}{129}$	$\frac{1}{10}$	$\frac{31}{129}$	$\frac{49}{129}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{430}\ \Phi_{258}\ \Phi_{215}\ \Phi_{86}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
66966	1152	1151	$\frac{43}{1151}$	$\frac{119}{1151}$	$\frac{277}{1151}$	$\frac{437}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66967	1152	261	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{7}{29}$	$\frac{11}{29}$	$\Phi_{261}^5\ \Phi_{87}^5\ \Phi_9^4\ \Phi_3^4$
66968	1152	1351	$\frac{5}{193}$	$\frac{1}{7}$	$\frac{47}{193}$	$\frac{73}{193}$	Φ_{1351}
66969	1152	1151	$\frac{27}{1151}$	$\frac{179}{1151}$	$\frac{281}{1151}$	$\frac{435}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66970	1152	1445	$\frac{5}{289}$	$\frac{1}{5}$	$\frac{71}{289}$	$\frac{109}{289}$	$\Phi_{1445}\ \Phi_{85}$
66971	1152	1151	$\frac{19}{1151}$	$\frac{239}{1151}$	$\frac{283}{1151}$	$\frac{434}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66972	1152	308	$\frac{1}{77}$	$\frac{19}{77}$	$\frac{1}{4}$	$\frac{29}{77}$	$\Phi_{308}^5\ \Phi_{154}^5\ \Phi_{44}^5\ \Phi_{28}^5\ \Phi_{22}^5\ \Phi_{14}^5\ \Phi_4^4\ \Phi_2^4$
66973	1152	1151	$\frac{11}{1151}$	$\frac{285}{1151}$	$\frac{359}{1151}$	$\frac{433}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66974	1152	1731	$\frac{5}{577}$	$\frac{143}{577}$	$\frac{1}{3}$	$\frac{217}{577}$	Φ_{1731}
66975	1152	1151	$\frac{15}{1151}$	$\frac{284}{1151}$	$\frac{289}{1151}$	$\frac{431}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66976	1152	1235	$\frac{1}{65}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1235}\ \Phi_{247}\ \Phi_{95}$
66977	1152	1151	$\frac{23}{1151}$	$\frac{188}{1151}$	$\frac{321}{1151}$	$\frac{415}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66978	1152	1225	$\frac{1}{49}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1225}\ \Phi_{245}\ \Phi_{175}\ \Phi_{35}$
66979	1152	1151	$\frac{31}{1151}$	$\frac{140}{1151}$	$\frac{337}{1151}$	$\frac{407}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66980	1152	1221	$\frac{1}{33}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{1221}\ \Phi_{407}\ \Phi_{111}$
66981	1152	1225	$\frac{1}{25}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{1225}\ \Phi_{245}\ \Phi_{175}\ \Phi_{35}$
66982	1152	1151	$\frac{47}{1151}$	$\frac{92}{1151}$	$\frac{353}{1151}$	$\frac{399}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66983	1152	1151	$\frac{63}{1151}$	$\frac{68}{1151}$	$\frac{361}{1151}$	$\frac{395}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66984	1152	1241	$\frac{4}{73}$	$\frac{1}{17}$	$\frac{23}{73}$	$\frac{25}{73}$	Φ_{1241}
66985	1152	1261	$\frac{4}{97}$	$\frac{1}{13}$	$\frac{31}{97}$	$\frac{33}{97}$	Φ_{1261}
66986	1152	1151	$\frac{44}{1151}$	$\frac{95}{1151}$	$\frac{369}{1151}$	$\frac{391}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66987	1152	1151	$\frac{32}{1151}$	$\frac{127}{1151}$	$\frac{373}{1151}$	$\frac{389}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66988	1152	1305	$\frac{4}{145}$	$\frac{1}{9}$	$\frac{47}{145}$	$\frac{49}{145}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{87}\ \Phi_{45}\ \Phi_{15}$
66989	1152	1351	$\frac{4}{193}$	$\frac{1}{7}$	$\frac{63}{193}$	$\frac{65}{193}$	Φ_{1351}
66990	1152	1151	$\frac{20}{1151}$	$\frac{191}{1151}$	$\frac{377}{1151}$	$\frac{387}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66991	1152	1445	$\frac{4}{289}$	$\frac{1}{5}$	$\frac{95}{289}$	$\frac{97}{289}$	$\Phi_{1445}\ \Phi_{85}$
66992	1152	1151	$\frac{14}{1151}$	$\frac{255}{1151}$	$\frac{379}{1151}$	$\frac{386}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66993	1152	1540	$\frac{4}{385}$	$\frac{1}{4}$	$\frac{127}{385}$	$\frac{129}{385}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{140}\ \Phi_{110}\ \Phi_{70}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
66994	1152	1151	$\frac{8}{1151}$	$\frac{381}{1151}$	$\frac{383}{1151}$	$\frac{385}{1151}$	$\Phi_{1151}\ \Phi_1^2$
66995	1152	1731	$\frac{4}{577}$	$\frac{191}{577}$	$\frac{1}{3}$	$\frac{193}{577}$	Φ_{1731}
66996	1152	435	$\frac{1}{145}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{435}^3\ \Phi_{145}^2\ \Phi_{87}^3\ \Phi_{29}^2\ \Phi_{15}^3\ \Phi_5^2$
66997	1152	861	$\frac{2}{287}$	$\frac{95}{287}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{861}\ \Phi_{287}^2\ \Phi_{123}\ \Phi_{41}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
66998	1152	1164	$\frac{1}{97}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1164}\ \Phi_{582}\ \Phi_{388}^2\ \Phi_{194}^2$
66999	1152	861	$\frac{3}{287}$	$\frac{71}{287}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{861}\ \Phi_{287}^2\ \Phi_{123}\ \Phi_{41}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
67000	1152	1095	$\frac{1}{73}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1095}\ \Phi_{365}^2$
67001	1152	861	$\frac{5}{287}$	$\frac{47}{287}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{861}\ \Phi_{287}^2\ \Phi_{123}\ \Phi_{41}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
67002	1152	147	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{147}^6\ \Phi_{49}^{12}\ \Phi_{21}^5\ \Phi_7^{10}\ \Phi_3^6\ \Phi_1^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
67003	1152	123	$\frac{1}{41}$	$\frac{5}{41}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{123}^{7}\ \Phi_{41}^{14}\ \Phi_{3}^{8}\ \Phi_{1}^{16}$
67004	1152	333	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{333}^{4}\ \Phi_{111}^{3}\ \Phi_{37}^{2}$
67005	1152	861	$\frac{8}{287}$	$\frac{31}{287}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{861}\ \Phi_{287}^{2}\ \Phi_{123}\ \Phi_{41}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
67006	1152	330	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{330}^{4}\ \Phi_{165}^{4}\ \Phi_{110}^{4}\ \Phi_{66}^{4}\ \Phi_{55}^{4}\ \Phi_{30}^{3}\ \Phi_{22}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}$
67007	1152	861	$\frac{11}{287}$	$\frac{23}{287}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{861}\ \Phi_{287}^{2}\ \Phi_{123}\ \Phi_{41}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
67008	1152	975	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{975}\ \Phi_{325}^{2}\ \Phi_{195}\ \Phi_{65}^{2}$
67009	1152	861	$\frac{15}{287}$	$\frac{17}{287}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{861}\ \Phi_{287}^{2}\ \Phi_{123}\ \Phi_{41}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
67010	1152	969	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{969}\ \Phi_{323}^{2}$
67011	1152	2292	$\frac{2}{191}$	$\frac{1}{4}$	$\frac{63}{191}$	$\frac{1}{3}$	$\Phi_{2292}\ \Phi_{1146}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
67012	1152	1731	$\frac{7}{577}$	$\frac{129}{577}$	$\frac{190}{577}$	$\frac{1}{3}$	Φ_{1731}
67013	1152	2145	$\frac{2}{143}$	$\frac{1}{5}$	$\frac{47}{143}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{195}\ \Phi_{165}\ \Phi_{15}^{2}$
67014	1152	1731	$\frac{10}{577}$	$\frac{97}{577}$	$\frac{189}{577}$	$\frac{1}{3}$	Φ_{1731}
67015	1152	1995	$\frac{2}{95}$	$\frac{1}{7}$	$\frac{31}{95}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{399}\ \Phi_{105}\ \Phi_{21}^{2}$
67016	1152	1731	$\frac{16}{577}$	$\frac{65}{577}$	$\frac{187}{577}$	$\frac{1}{3}$	Φ_{1731}
67017	1152	639	$\frac{2}{71}$	$\frac{1}{9}$	$\frac{23}{71}$	$\frac{1}{3}$	$\Phi_{639}^{2}\ \Phi_{213}\ \Phi_{71}^{2}\ \Phi_{9}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
67018	1152	1890	$\frac{2}{63}$	$\frac{1}{10}$	$\frac{61}{189}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{135}\ \Phi_{54}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
67019	1152	1731	$\frac{22}{577}$	$\frac{49}{577}$	$\frac{185}{577}$	$\frac{1}{3}$	Φ_{1731}
67020	1152	1833	$\frac{2}{47}$	$\frac{1}{13}$	$\frac{15}{47}$	$\frac{1}{3}$	$\Phi_{1833}\ \Phi_{39}^{2}$
67021	1152	1785	$\frac{2}{35}$	$\frac{1}{17}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{51}^{2}$
67022	1152	1731	$\frac{33}{577}$	$\frac{34}{577}$	$\frac{181}{577}$	$\frac{1}{3}$	Φ_{1731}
67023	1152	1731	$\frac{25}{577}$	$\frac{46}{577}$	$\frac{177}{577}$	$\frac{1}{3}$	Φ_{1731}
67024	1152	1725	$\frac{1}{25}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{1725}\ \Phi_{345}\ \Phi_{75}^{2}\ \Phi_{15}^{2}$
67025	1152	561	$\frac{1}{33}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{561}^{2}\ \Phi_{187}^{2}\ \Phi_{51}\ \Phi_{33}^{4}\ \Phi_{17}^{2}\ \Phi_{11}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
67026	1152	1731	$\frac{17}{577}$	$\frac{70}{577}$	$\frac{169}{577}$	$\frac{1}{3}$	Φ_{1731}
67027	1152	1665	$\frac{1}{37}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{1665}\ \Phi_{333}\ \Phi_{111}$
67028	1152	1731	$\frac{13}{577}$	$\frac{94}{577}$	$\frac{161}{577}$	$\frac{1}{3}$	Φ_{1731}
67029	1152	1617	$\frac{1}{49}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{1617}\ \Phi_{231}\ \Phi_{147}^{2}\ \Phi_{21}^{2}$
67030	1152	1731	$\frac{9}{577}$	$\frac{142}{577}$	$\frac{145}{577}$	$\frac{1}{3}$	Φ_{1731}
67031	1152	780	$\frac{1}{65}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{195}^{3}\ \Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{60}^{2}\ \Phi_{39}^{3}\ \Phi_{30}^{2}\ \Phi_{15}^{3}$
67032	1152	2292	$\frac{3}{191}$	$\frac{47}{191}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2292}\ \Phi_{1146}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
67033	1152	2940	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{420}\ \Phi_{210}$
67034	1152	2292	$\frac{5}{191}$	$\frac{31}{191}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2292}\ \Phi_{1146}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
67035	1152	924	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{154}^{2}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
67036	1152	2292	$\frac{7}{191}$	$\frac{23}{191}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2292}\ \Phi_{1146}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
67037	1152	900	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}\ \Phi_{180}^{2}\ \Phi_{150}\ \Phi_{100}^{2}\ \Phi_{90}^{2}\ \Phi_{60}\ \Phi_{50}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
67038	1152	2292	$\frac{11}{191}$	$\frac{15}{191}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2292}\ \Phi_{1146}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
67039	1152	2652	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2652}\ \Phi_{1326}$
67040	1152	2145	$\frac{3}{143}$	$\frac{1}{5}$	$\frac{35}{143}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{195}\ \Phi_{165}\ \Phi_{15}^{2}$
67041	1152	1731	$\frac{13}{577}$	$\frac{109}{577}$	$\frac{141}{577}$	$\frac{1}{3}$	Φ_{1731}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
67042	1152	1995	$\frac{3}{95}$	$\frac{1}{7}$	$\frac{23}{95}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{399}\ \Phi_{105}\ \Phi_{21}^2$
67043	1152	1731	$\frac{21}{577}$	$\frac{73}{577}$	$\frac{139}{577}$	$\frac{1}{3}$	Φ_{1731}
67044	1152	639	$\frac{3}{71}$	$\frac{1}{9}$	$\frac{17}{71}$	$\frac{1}{3}$	$\Phi_{639}^2\ \Phi_{213}\ \Phi_{71}^2\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^4$
67045	1152	210	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{5}{21}$	$\frac{1}{3}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^6\ \Phi_{42}^6\ \Phi_{35}^6\ \Phi_{30}^7\ \Phi_{15}^7\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_{6}^7\ \Phi_{5}^6\ \Phi_{2}^6$
67046	1152	1731	$\frac{29}{577}$	$\frac{55}{577}$	$\frac{137}{577}$	$\frac{1}{3}$	Φ_{1731}
67047	1152	1731	$\frac{33}{577}$	$\frac{49}{577}$	$\frac{136}{577}$	$\frac{1}{3}$	Φ_{1731}
67048	1152	1833	$\frac{3}{47}$	$\frac{1}{13}$	$\frac{11}{47}$	$\frac{1}{3}$	$\Phi_{1833}\ \Phi_{39}^2$
67049	1152	1731	$\frac{37}{577}$	$\frac{45}{577}$	$\frac{133}{577}$	$\frac{1}{3}$	Φ_{1731}
67050	1152	1785	$\frac{1}{17}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{51}^2$
67051	1152	1767	$\frac{1}{19}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{1767}\ \Phi_{57}^2$
67052	1152	1731	$\frac{28}{577}$	$\frac{61}{577}$	$\frac{129}{577}$	$\frac{1}{3}$	Φ_{1731}
67053	1152	270	$\frac{7}{135}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{270}^5\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{54}^5\ \Phi_{45}^3\ \Phi_{30}^5\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_{9}^4\ \Phi_{6}^5\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
67054	1152	1731	$\frac{25}{577}$	$\frac{69}{577}$	$\frac{127}{577}$	$\frac{1}{3}$	Φ_{1731}
67055	1152	1725	$\frac{1}{25}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{1725}\ \Phi_{345}\ \Phi_{75}^2\ \Phi_{15}^2$
67056	1152	1731	$\frac{19}{577}$	$\frac{93}{577}$	$\frac{121}{577}$	$\frac{1}{3}$	Φ_{1731}
67057	1152	555	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{555}^3\ \Phi_{111}^4$
67058	1152	2145	$\frac{5}{143}$	$\frac{23}{143}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{195}\ \Phi_{165}\ \Phi_{15}^2$
67059	1152	525	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{525}^4\ \Phi_{105}^3\ \Phi_{21}^4$
67060	1152	2145	$\frac{7}{143}$	$\frac{17}{143}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{195}\ \Phi_{165}\ \Phi_{15}^2$
67061	1152	855	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{855}^2\ \Phi_{285}\ \Phi_{95}^2$
67062	1152	2145	$\frac{8}{143}$	$\frac{15}{143}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{195}\ \Phi_{165}\ \Phi_{15}^2$
67063	1152	510	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{510}^4\ \Phi_{255}^3\ \Phi_{102}^4\ \Phi_{51}^4$
67064	1152	1155	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1155}^2\ \Phi_{165}\ \Phi_{105}^2\ \Phi_{15}^2$
67065	1152	195	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{195}^{11}\ \Phi_{15}^{12}$
67066	1152	399	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{1}{3}$	$\Phi_{399}^5\ \Phi_{21}^6$
67067	1152	1731	$\frac{31}{577}$	$\frac{81}{577}$	$\frac{91}{577}$	$\frac{1}{3}$	Φ_{1731}
67068	1152	639	$\frac{5}{71}$	$\frac{1}{9}$	$\frac{11}{71}$	$\frac{1}{3}$	$\Phi_{639}^2\ \Phi_{213}\ \Phi_{71}^2\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^4$
67069	1152	1731	$\frac{43}{577}$	$\frac{61}{577}$	$\frac{89}{577}$	$\frac{1}{3}$	Φ_{1731}
67070	1152	1833	$\frac{1}{13}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{3}$	$\Phi_{1833}\ \Phi_{39}^2$
67071	1152	1731	$\frac{41}{577}$	$\frac{67}{577}$	$\frac{85}{577}$	$\frac{1}{3}$	Φ_{1731}
67072	1152	357	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{357}^5\ \Phi_{51}^6$
67073	1152	1995	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{399}\ \Phi_{105}\ \Phi_{21}^2$
67074	1152	819	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{819}^2\ \Phi_{273}\ \Phi_{91}^2$
67075	1152	210	$\frac{3}{35}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{210}^9\ \Phi_{105}^7\ \Phi_{42}^9\ \Phi_{30}^{10}\ \Phi_{21}^8\ \Phi_{15}^8\ \Phi_{6}^{10}\ \Phi_{3}^8$
67076	1152	1470	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{19}{147}$	$\frac{1}{3}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{294}\ \Phi_{245}\ \Phi_{98}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
67077	1152	639	$\frac{7}{71}$	$\frac{1}{9}$	$\frac{8}{71}$	$\frac{1}{3}$	$\Phi_{639}^2\ \Phi_{213}\ \Phi_{71}^2\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^4$
67078	1152	1731	$\frac{57}{577}$	$\frac{64}{577}$	$\frac{65}{577}$	$\frac{1}{3}$	Φ_{1731}
67079	1152	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{90}^{14}\ \Phi_{45}^{14}\ \Phi_{30}^{15}\ \Phi_{18}^{14}\ \Phi_{15}^{15}\ \Phi_{10}^{14}\ \Phi_{6}^{15}\ \Phi_{5}^{14}\ \Phi_{2}^{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
67080	1152	660	$\frac{1}{55}$	$\frac{37}{165}$	$\frac{1}{4}$	$\frac{18}{55}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}\ \Phi_{132}^3\ \Phi_{110}\ \Phi_{66}^3\ \Phi_{60}^3\ \Phi_{44}\ \Phi_{30}^3\ \Phi_{22}\ \Phi_{20}\ \Phi_{12}^3\ \Phi_{10}\ \Phi_6^3$
67081	1152	1045	$\frac{2}{95}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{31}{95}$	$\Phi_{1045}\ \Phi_{209}\ \Phi_{95}^2\ \Phi_{55}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
67082	1152	380	$\frac{2}{95}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{31}{95}$	$\Phi_{380}^4\ \Phi_{190}^4\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_4^4\ \Phi_2^4$
67083	1152	1151	$\frac{26}{1151}$	$\frac{194}{1151}$	$\frac{319}{1151}$	$\frac{375}{1151}$	$\Phi_{1151}\ \Phi_1^2$
67084	1152	1445	$\frac{7}{289}$	$\frac{1}{5}$	$\frac{65}{289}$	$\frac{94}{289}$	$\Phi_{1445}\ \Phi_{85}$
67085	1152	1151	$\frac{29}{1151}$	$\frac{223}{1151}$	$\frac{259}{1151}$	$\frac{374}{1151}$	$\Phi_{1151}\ \Phi_1^2$
67086	1152	308	$\frac{2}{77}$	$\frac{13}{77}$	$\frac{1}{4}$	$\frac{25}{77}$	$\Phi_{308}^5\ \Phi_{154}^5\ \Phi_{44}^5\ \Phi_{28}^5\ \Phi_{22}^5\ \Phi_{14}^5\ \Phi_4^4\ \Phi_2^4$
67087	1152	355	$\frac{2}{71}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{23}{71}$	$\Phi_{355}^3\ \Phi_{71}^4\ \Phi_5^6\ \Phi_1^8$
67088	1152	756	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{61}{189}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{28}\ \Phi_{14}$
67089	1152	1151	$\frac{38}{1151}$	$\frac{195}{1151}$	$\frac{239}{1151}$	$\frac{371}{1151}$	$\Phi_{1151}\ \Phi_1^2$
67090	1152	1445	$\frac{10}{289}$	$\frac{49}{289}$	$\frac{1}{5}$	$\frac{93}{289}$	$\Phi_{1445}\ \Phi_{85}$
67091	1152	1081	$\frac{2}{47}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{15}{47}$	$\Phi_{1081}\ \Phi_{47}^2\ \Phi_{23}^2\ \Phi_1^4$
67092	1152	1692	$\frac{2}{47}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{15}{47}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{564}\ \Phi_{282}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
67093	1152	1081	$\frac{2}{47}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{15}{47}$	$\Phi_{1081}\ \Phi_{47}^2\ \Phi_{23}^2\ \Phi_1^4$
67094	1152	1645	$\frac{2}{47}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{15}{47}$	$\Phi_{1645}\ \Phi_{35}^2$
67095	1152	1151	$\frac{50}{1151}$	$\frac{98}{1151}$	$\frac{351}{1151}$	$\frac{367}{1151}$	$\Phi_{1151}\ \Phi_1^2$
67096	1152	1305	$\frac{7}{145}$	$\frac{1}{9}$	$\frac{33}{145}$	$\frac{46}{145}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{87}\ \Phi_{45}\ \Phi_{15}$
67097	1152	1151	$\frac{56}{1151}$	$\frac{131}{1151}$	$\frac{255}{1151}$	$\frac{365}{1151}$	$\Phi_{1151}\ \Phi_1^2$
67098	1152	1351	$\frac{10}{193}$	$\frac{1}{7}$	$\frac{33}{193}$	$\frac{61}{193}$	Φ_{1351}
67099	1152	748	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{59}{187}$	$\Phi_{748}^2\ \Phi_{374}^2\ \Phi_{68}^2\ \Phi_{44}^3\ \Phi_{34}^2\ \Phi_{22}^3\ \Phi_4^2\ \Phi_2^2$
67100	1152	1151	$\frac{62}{1151}$	$\frac{159}{1151}$	$\frac{197}{1151}$	$\frac{363}{1151}$	$\Phi_{1151}\ \Phi_1^2$
67101	1152	1445	$\frac{16}{289}$	$\frac{33}{289}$	$\frac{1}{5}$	$\frac{91}{289}$	$\Phi_{1445}\ \Phi_{85}$
67102	1152	1151	$\frac{65}{1151}$	$\frac{111}{1151}$	$\frac{263}{1151}$	$\frac{362}{1151}$	$\Phi_{1151}\ \Phi_1^2$
67103	1152	140	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{1}{4}$	$\frac{11}{35}$	$\Phi_{140}^{11}\ \Phi_{70}^{11}\ \Phi_{28}^{11}\ \Phi_{20}^{11}\ \Phi_{14}^{11}\ \Phi_{10}^{11}\ \Phi_4^{10}\ \Phi_2^{10}$
67104	1152	1085	$\frac{2}{35}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{11}{35}$	$\Phi_{1085}\ \Phi_{217}\ \Phi_{155}\ \Phi_{35}^2\ \Phi_{31}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
67105	1152	315	$\frac{2}{35}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{11}{35}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{45}^5\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_9^4\ \Phi_3^4$
67106	1152	1151	$\frac{74}{1151}$	$\frac{99}{1151}$	$\frac{263}{1151}$	$\frac{359}{1151}$	$\Phi_{1151}\ \Phi_1^2$
67107	1152	261	$\frac{2}{29}$	$\frac{1}{9}$	$\frac{5}{29}$	$\frac{9}{29}$	$\Phi_{261}^5\ \Phi_{87}^5\ \Phi_9^4\ \Phi_3^4$
67108	1152	1151	$\frac{86}{1151}$	$\frac{119}{1151}$	$\frac{199}{1151}$	$\frac{355}{1151}$	$\Phi_{1151}\ \Phi_1^2$
67109	1152	1445	$\frac{22}{289}$	$\frac{25}{289}$	$\frac{1}{5}$	$\frac{89}{289}$	$\Phi_{1445}\ \Phi_{85}$
67110	1152	1564	$\frac{1}{17}$	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{1564}\ \Phi_{782}\ \Phi_{68}^2\ \Phi_{34}^2$
67111	1152	1081	$\frac{3}{47}$	$\frac{2}{23}$	$\frac{11}{47}$	$\frac{7}{23}$	$\Phi_{1081}\ \Phi_{47}^2\ \Phi_{23}^2\ \Phi_1^4$
67112	1152	1495	$\frac{1}{13}$	$\frac{2}{23}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{1495}\ \Phi_{65}^2$
67113	1152	1081	$\frac{2}{23}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{7}{23}$	$\Phi_{1081}\ \Phi_{47}^2\ \Phi_{23}^2\ \Phi_1^4$
67114	1152	1449	$\frac{2}{23}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{7}{23}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{63}^2\ \Phi_{21}^2$
67115	1152	1151	$\frac{67}{1151}$	$\frac{110}{1151}$	$\frac{271}{1151}$	$\frac{347}{1151}$	$\Phi_{1151}\ \Phi_1^2$
67116	1152	1241	$\frac{1}{17}$	$\frac{7}{73}$	$\frac{17}{73}$	$\frac{22}{73}$	Φ_{1241}
67117	1152	1261	$\frac{1}{13}$	$\frac{10}{97}$	$\frac{17}{97}$	$\frac{29}{97}$	Φ_{1261}
67118	1152	1151	$\frac{101}{1151}$	$\frac{122}{1151}$	$\frac{175}{1151}$	$\frac{343}{1151}$	$\Phi_{1151}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
67119	1152	1305	$\frac{16}{145}$	$\frac{1}{9}$	$\frac{17}{145}$	$\frac{43}{145}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{87}\ \Phi_{45}\ \Phi_{15}$
67120	1152	1151	$\frac{127}{1151}$	$\frac{128}{1151}$	$\frac{135}{1151}$	$\frac{341}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
67121	1152	1351	$\frac{17}{193}$	$\frac{22}{193}$	$\frac{1}{7}$	$\frac{57}{193}$	Φ_{1351}
67122	1152	1151	$\frac{79}{1151}$	$\frac{134}{1151}$	$\frac{203}{1151}$	$\frac{339}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
67123	1152	357	$\frac{1}{21}$	$\frac{2}{17}$	$\frac{5}{21}$	$\frac{5}{17}$	$\Phi_{357}^{3}\ \Phi_{119}^{3}\ \Phi_{51}^{3}\ \Phi_{21}^{6}\ \Phi_{17}^{4}\ \Phi_{7}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
67124	1152	85	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{85}^{17}\ \Phi_{5}^{16}$
67125	1152	595	$\frac{3}{35}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{5}{17}$	$\Phi_{595}^{2}\ \Phi_{119}\ \Phi_{85}^{2}\ \Phi_{35}^{4}\ \Phi_{17}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
67126	1152	153	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{153}^{7}\ \Phi_{51}^{7}\ \Phi_{17}^{8}\ \Phi_{9}^{14}\ \Phi_{3}^{14}\ \Phi_{1}^{16}$
67127	1152	1151	$\frac{55}{1151}$	$\frac{137}{1151}$	$\frac{271}{1151}$	$\frac{338}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
67128	1152	1540	$\frac{17}{385}$	$\frac{46}{385}$	$\frac{1}{4}$	$\frac{113}{385}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{140}\ \Phi_{110}\ \Phi_{70}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
67129	1152	1151	$\frac{51}{1151}$	$\frac{146}{1151}$	$\frac{275}{1151}$	$\frac{335}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
67130	1152	855	$\frac{1}{19}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{855}^{2}\ \Phi_{171}^{2}\ \Phi_{95}$
67131	1152	1241	$\frac{1}{17}$	$\frac{10}{73}$	$\frac{13}{73}$	$\frac{21}{73}$	Φ_{1241}
67132	1152	532	$\frac{5}{133}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{532}^{3}\ \Phi_{266}^{3}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{28}\ \Phi_{14}$
67133	1152	525	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{525}^{3}\ \Phi_{175}\ \Phi_{105}^{3}\ \Phi_{75}^{3}\ \Phi_{35}\ \Phi_{15}^{3}$
67134	1152	1151	$\frac{103}{1151}$	$\frac{131}{1151}$	$\frac{170}{1151}$	$\frac{327}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
67135	1152	1305	$\frac{13}{145}$	$\frac{1}{9}$	$\frac{22}{145}$	$\frac{41}{145}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{87}\ \Phi_{45}\ \Phi_{15}$
67136	1152	1151	$\frac{59}{1151}$	$\frac{182}{1151}$	$\frac{207}{1151}$	$\frac{323}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
67137	1152	1445	$\frac{13}{289}$	$\frac{46}{289}$	$\frac{1}{5}$	$\frac{81}{289}$	$\Phi_{1445}\ \Phi_{85}$
67138	1152	132	$\frac{1}{33}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{132}^{12}\ \Phi_{66}^{12}\ \Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_{12}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{10}\ \Phi_{2}^{10}$
67139	1152	1045	$\frac{3}{95}$	$\frac{2}{11}$	$\frac{23}{95}$	$\frac{3}{11}$	$\Phi_{1045}\ \Phi_{209}\ \Phi_{95}^{2}\ \Phi_{55}\ \Phi_{19}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
67140	1152	275	$\frac{1}{25}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{275}^{4}\ \Phi_{55}^{3}\ \Phi_{25}^{8}\ \Phi_{11}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
67141	1152	209	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{209}^{5}\ \Phi_{19}^{10}\ \Phi_{11}^{6}\ \Phi_{1}^{12}$
67142	1152	1309	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1309}\ \Phi_{119}^{2}$
67143	1152	1045	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1045}\ \Phi_{209}\ \Phi_{95}^{2}\ \Phi_{55}\ \Phi_{19}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
67144	1152	1287	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{117}^{2}\ \Phi_{39}^{2}$
67145	1152	1221	$\frac{1}{33}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{1221}\ \Phi_{407}\ \Phi_{111}$
67146	1152	1151	$\frac{35}{1151}$	$\frac{218}{1151}$	$\frac{279}{1151}$	$\frac{311}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
67147	1152	700	$\frac{1}{35}$	$\frac{34}{175}$	$\frac{1}{4}$	$\frac{47}{175}$	$\Phi_{700}^{2}\ \Phi_{350}^{2}\ \Phi_{140}^{3}\ \Phi_{100}^{2}\ \Phi_{70}^{3}\ \Phi_{50}^{2}\ \Phi_{28}^{3}\ \Phi_{20}^{3}\ \Phi_{14}^{3}\ \Phi_{10}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
67148	1152	1425	$\frac{1}{19}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{95}$
67149	1152	1225	$\frac{1}{25}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{1225}\ \Phi_{245}\ \Phi_{175}\ \Phi_{35}$
67150	1152	1151	$\frac{53}{1151}$	$\frac{183}{1151}$	$\frac{242}{1151}$	$\frac{303}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
67151	1152	1241	$\frac{1}{17}$	$\frac{9}{73}$	$\frac{16}{73}$	$\frac{19}{73}$	Φ_{1241}
67152	1152	1151	$\frac{71}{1151}$	$\frac{135}{1151}$	$\frac{254}{1151}$	$\frac{299}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
67153	1152	1261	$\frac{1}{13}$	$\frac{9}{97}$	$\frac{22}{97}$	$\frac{25}{97}$	Φ_{1261}
67154	1152	1151	$\frac{87}{1151}$	$\frac{107}{1151}$	$\frac{266}{1151}$	$\frac{295}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
67155	1152	430	$\frac{3}{43}$	$\frac{1}{10}$	$\frac{10}{43}$	$\frac{11}{43}$	$\Phi_{430}^{3}\ \Phi_{215}^{3}\ \Phi_{86}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}$
67156	1152	1305	$\frac{9}{145}$	$\frac{1}{9}$	$\frac{34}{145}$	$\frac{37}{145}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{87}\ \Phi_{45}\ \Phi_{15}$
67157	1152	1151	$\frac{63}{1151}$	$\frac{143}{1151}$	$\frac{272}{1151}$	$\frac{293}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
67158	1152	1351	$\frac{9}{193}$	$\frac{1}{7}$	$\frac{46}{193}$	$\frac{49}{193}$	Φ_{1351}
67159	1152	1151	$\frac{39}{1151}$	$\frac{215}{1151}$	$\frac{278}{1151}$	$\frac{291}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
67160	1152	1445	$\frac{9}{289}$	$\frac{1}{5}$	$\frac{70}{289}$	$\frac{73}{289}$	$\Phi_{1445}\ \Phi_{85}$
67161	1152	1151	$\frac{27}{1151}$	$\frac{281}{1151}$	$\frac{287}{1151}$	$\frac{290}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
67162	1152	1540	$\frac{9}{385}$	$\frac{94}{385}$	$\frac{1}{4}$	$\frac{97}{385}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{140}\ \Phi_{110}\ \Phi_{70}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
67163	1152	508	$\frac{3}{127}$	$\frac{31}{127}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{508}^{2}\ \Phi_{254}^{2}\ \Phi_{127}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
67164	1152	660	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{2}\ \Phi_{165}^{3}\ \Phi_{110}^{2}\ \Phi_{60}^{2}\ \Phi_{55}^{3}\ \Phi_{30}^{2}\ \Phi_{15}^{3}$
67165	1152	508	$\frac{7}{127}$	$\frac{15}{127}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{508}^{2}\ \Phi_{254}^{2}\ \Phi_{127}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
67166	1152	612	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{204}^{2}\ \Phi_{153}^{3}\ \Phi_{102}^{2}\ \Phi_{51}^{3}$
67167	1152	380	$\frac{3}{95}$	$\frac{1}{5}$	$\frac{23}{95}$	$\frac{1}{4}$	$\Phi_{380}^{4}\ \Phi_{190}^{4}\ \Phi_{76}^{4}\ \Phi_{38}^{4}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
67168	1152	1540	$\frac{13}{385}$	$\frac{73}{385}$	$\frac{93}{385}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{140}\ \Phi_{110}\ \Phi_{70}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
67169	1152	84	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{1}{4}$	$\Phi_{84}^{18}\ \Phi_{42}^{18}\ \Phi_{28}^{19}\ \Phi_{14}^{19}\ \Phi_{12}^{18}\ \Phi_{6}^{18}\ \Phi_{4}^{18}\ \Phi_{2}^{18}$
67170	1152	220	$\frac{3}{55}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{1}{4}$	$\Phi_{220}^{7}\ \Phi_{110}^{7}\ \Phi_{44}^{7}\ \Phi_{22}^{7}\ \Phi_{20}^{7}\ \Phi_{10}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
67171	1152	1692	$\frac{3}{47}$	$\frac{1}{9}$	$\frac{11}{47}$	$\frac{1}{4}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{564}\ \Phi_{282}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
67172	1152	1540	$\frac{29}{385}$	$\frac{37}{385}$	$\frac{89}{385}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{140}\ \Phi_{110}\ \Phi_{70}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
67173	1152	1612	$\frac{1}{13}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{4}$	$\Phi_{1612}\ \Phi_{806}\ \Phi_{52}^{2}\ \Phi_{26}^{2}$
67174	1152	308	$\frac{5}{77}$	$\frac{9}{77}$	$\frac{17}{77}$	$\frac{1}{4}$	$\Phi_{308}^{5}\ \Phi_{154}^{5}\ \Phi_{44}^{5}\ \Phi_{28}^{5}\ \Phi_{22}^{5}\ \Phi_{14}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
67175	1152	1564	$\frac{1}{17}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{1564}\ \Phi_{782}\ \Phi_{68}^{2}\ \Phi_{34}^{2}$
67176	1152	1540	$\frac{19}{385}$	$\frac{61}{385}$	$\frac{81}{385}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{140}\ \Phi_{110}\ \Phi_{70}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
67177	1152	100	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{100}^{16}\ \Phi_{50}^{16}\ \Phi_{20}^{13}\ \Phi_{10}^{13}\ \Phi_{4}^{12}\ \Phi_{2}^{12}$
67178	1152	1900	$\frac{4}{95}$	$\frac{91}{475}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
67179	1152	380	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{380}^{5}\ \Phi_{190}^{5}\ \Phi_{20}^{6}\ \Phi_{10}^{6}$
67180	1152	2380	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2380}\ \Phi_{1190}$
67181	1152	380	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{380}^{4}\ \Phi_{190}^{4}\ \Phi_{76}^{4}\ \Phi_{38}^{4}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
67182	1152	2340	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{390}$
67183	1152	308	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{13}{77}$	$\frac{1}{4}$	$\Phi_{308}^{5}\ \Phi_{154}^{5}\ \Phi_{44}^{5}\ \Phi_{28}^{5}\ \Phi_{22}^{5}\ \Phi_{14}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
67184	1152	1692	$\frac{5}{47}$	$\frac{1}{9}$	$\frac{7}{47}$	$\frac{1}{4}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{564}\ \Phi_{282}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
67185	1152	1540	$\frac{41}{385}$	$\frac{43}{385}$	$\frac{57}{385}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{140}\ \Phi_{110}\ \Phi_{70}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
67186	1152	140	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{140}^{12}\ \Phi_{70}^{12}\ \Phi_{28}^{7}\ \Phi_{20}^{12}\ \Phi_{14}^{7}\ \Phi_{10}^{12}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
67187	1152	588	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{588}^{3}\ \Phi_{294}^{3}\ \Phi_{196}^{3}\ \Phi_{98}^{3}\ \Phi_{28}\ \Phi_{14}$
67188	1152	252	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{252}^{7}\ \Phi_{126}^{7}\ \Phi_{84}^{7}\ \Phi_{42}^{7}\ \Phi_{28}^{8}\ \Phi_{14}^{8}$
67189	1152	355	$\frac{3}{71}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{17}{71}$	$\Phi_{355}^{3}\ \Phi_{71}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
67190	1152	1151	$\frac{51}{1151}$	$\frac{219}{1151}$	$\frac{233}{1151}$	$\frac{275}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
67191	1152	1445	$\frac{13}{289}$	$\frac{55}{289}$	$\frac{1}{5}$	$\frac{69}{289}$	$\Phi_{1445}\ \Phi_{85}$
67192	1152	85	$\frac{1}{17}$	$\frac{13}{85}$	$\frac{1}{5}$	$\frac{4}{17}$	$\Phi_{85}^{13}\ \Phi_{17}^{16}\ \Phi_{5}^{12}\ \Phi_{1}^{16}$
67193	1152	1081	$\frac{3}{47}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{11}{47}$	$\Phi_{1081}\ \Phi_{47}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$
67194	1152	1645	$\frac{3}{47}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{11}{47}$	$\Phi_{1645}\ \Phi_{35}^{2}$
67195	1152	1151	$\frac{75}{1151}$	$\frac{147}{1151}$	$\frac{251}{1151}$	$\frac{269}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
67196	1152	1351	$\frac{13}{193}$	$\frac{1}{7}$	$\frac{37}{193}$	$\frac{45}{193}$	Φ_{1351}
67197	1152	1151	$\frac{83}{1151}$	$\frac{155}{1151}$	$\frac{221}{1151}$	$\frac{267}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
67198	1152	1445	$\frac{21}{289}$	$\frac{37}{289}$	$\frac{1}{5}$	$\frac{67}{289}$	$\Phi_{1445}\ \Phi_{85}$
67199	1152	1085	$\frac{3}{35}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{8}{35}$	$\Phi_{1085}\ \Phi_{217}\ \Phi_{155}\ \Phi_{35}^{2}\ \Phi_{31}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
67200	1152	315	$\frac{3}{35}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{35}$	$\Phi_{315}^{4}\ \Phi_{105}^{4}\ \Phi_{63}^{4}\ \Phi_{45}^{5}\ \Phi_{21}^{4}\ \Phi_{15}^{5}\ \Phi_{9}^{4}\ \Phi_{3}^{4}$
67201	1152	1151	$\frac{99}{1151}$	$\frac{111}{1151}$	$\frac{260}{1151}$	$\frac{263}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
67202	1152	1305	$\frac{13}{145}$	$\frac{1}{9}$	$\frac{28}{145}$	$\frac{33}{145}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{87}\ \Phi_{45}\ \Phi_{15}$
67203	1152	310	$\frac{3}{31}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{7}{31}$	$\Phi_{310}^{4}\ \Phi_{155}^{3}\ \Phi_{62}^{4}\ \Phi_{31}^{4}\ \Phi_{10}^{8}\ \Phi_{5}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
67204	1152	217	$\frac{3}{31}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{7}{31}$	$\Phi_{217}^{5}\ \Phi_{31}^{6}\ \Phi_{7}^{10}\ \Phi_{1}^{12}$
67205	1152	1151	$\frac{115}{1151}$	$\frac{116}{1151}$	$\frac{223}{1151}$	$\frac{259}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
67206	1152	1445	$\frac{28}{289}$	$\frac{29}{289}$	$\frac{1}{5}$	$\frac{65}{289}$	$\Phi_{1445}\ \Phi_{85}$
67207	1152	1290	$\frac{1}{10}$	$\frac{13}{129}$	$\frac{25}{129}$	$\frac{29}{129}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{430}\ \Phi_{258}\ \Phi_{215}\ \Phi_{86}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
67208	1152	1151	$\frac{123}{1151}$	$\frac{149}{1151}$	$\frac{167}{1151}$	$\frac{257}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
67209	1152	1351	$\frac{21}{193}$	$\frac{25}{193}$	$\frac{1}{7}$	$\frac{43}{193}$	Φ_{1351}
67210	1152	1151	$\frac{103}{1151}$	$\frac{131}{1151}$	$\frac{224}{1151}$	$\frac{255}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
67211	1152	1445	$\frac{25}{289}$	$\frac{33}{289}$	$\frac{1}{5}$	$\frac{64}{289}$	$\Phi_{1445}\ \Phi_{85}$
67212	1152	1495	$\frac{1}{13}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{5}{23}$	$\Phi_{1495}\ \Phi_{65}^{2}$
67213	1152	1081	$\frac{5}{47}$	$\frac{3}{23}$	$\frac{7}{47}$	$\frac{5}{23}$	$\Phi_{1081}\ \Phi_{47}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$
67214	1152	1449	$\frac{1}{9}$	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{5}{23}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{63}^{2}\ \Phi_{21}^{2}$
67215	1152	1261	$\frac{1}{13}$	$\frac{13}{97}$	$\frac{19}{97}$	$\frac{21}{97}$	Φ_{1261}
67216	1152	1151	$\frac{113}{1151}$	$\frac{163}{1151}$	$\frac{173}{1151}$	$\frac{247}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
67217	1152	1305	$\frac{1}{9}$	$\frac{19}{145}$	$\frac{21}{145}$	$\frac{31}{145}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{87}\ \Phi_{45}\ \Phi_{15}$
67218	1152	1151	$\frac{125}{1151}$	$\frac{151}{1151}$	$\frac{171}{1151}$	$\frac{245}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
67219	1152	1351	$\frac{19}{193}$	$\frac{1}{7}$	$\frac{29}{193}$	$\frac{41}{193}$	Φ_{1351}
67220	1152	1151	$\frac{77}{1151}$	$\frac{179}{1151}$	$\frac{227}{1151}$	$\frac{243}{1151}$	$\Phi_{1151}\ \Phi_{1}^{2}$
67221	1152	1445	$\frac{19}{289}$	$\frac{45}{289}$	$\frac{1}{5}$	$\frac{61}{289}$	$\Phi_{1445}\ \Phi_{85}$
67222	1152	95	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{95}^{13}\ \Phi_{19}^{12}$
67223	1152	355	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{355}^{3}\ \Phi_{71}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
67224	1152	455	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{455}^{3}\ \Phi_{91}^{4}$
67225	1152	355	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{355}^{3}\ \Phi_{71}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
67226	1152	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{90}^{16}\ \Phi_{45}^{13}\ \Phi_{30}^{16}\ \Phi_{18}^{16}\ \Phi_{15}^{13}\ \Phi_{9}^{12}\ \Phi_{6}^{16}\ \Phi_{3}^{12}$
67227	1152	1575	$\frac{1}{9}$	$\frac{4}{35}$	$\frac{31}{175}$	$\frac{1}{5}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{225}\ \Phi_{75}\ \Phi_{45}\ \Phi_{15}$
67228	1152	1645	$\frac{5}{47}$	$\frac{1}{7}$	$\frac{7}{47}$	$\frac{1}{5}$	$\Phi_{1645}\ \Phi_{35}^{2}$
67229	1152	1445	$\frac{31}{289}$	$\frac{41}{289}$	$\frac{43}{289}$	$\frac{1}{5}$	$\Phi_{1445}\ \Phi_{85}$
67230	1152	315	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{315}^{5}\ \Phi_{105}^{5}\ \Phi_{45}^{6}\ \Phi_{15}^{6}$
67231	1153	2048	$\frac{1}{128}$	$\frac{129}{1024}$	$\frac{895}{2048}$	$\frac{127}{256}$	$\Phi_{2048}\ \Phi_{256}\ \Phi_{1}$
67232	1153	1536	$\frac{1}{128}$	$\frac{383}{1536}$	$\frac{129}{512}$	$\frac{127}{256}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
67233	1153	1386	$\frac{2}{231}$	$\frac{233}{1386}$	$\frac{1}{3}$	$\frac{229}{462}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{231}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{33}\ \Phi_{21}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
67234	1153	2280	$\frac{13}{1140}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1127}{2280}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{152}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
67235	1153	1320	$\frac{2}{165}$	$\frac{167}{1320}$	$\frac{1}{3}$	$\frac{163}{330}$	Φ_{1320} Φ_{660} Φ_{440} Φ_{264} Φ_{220} Φ_{165} Φ_{132} Φ_{120} Φ_{88} Φ_{60} Φ_{55} Φ_{44} Φ_{40} Φ_{33} Φ_{24} Φ_{20} Φ_{15} Φ_{12} Φ_{11} Φ_{8} Φ_{5} Φ_{4} Φ_{1}
67236	1153	2268	$\frac{19}{1134}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1115}{2268}$	Φ_{2268} Φ_{756} Φ_{324} Φ_{252} Φ_{108} Φ_{84} Φ_{36} Φ_{28} Φ_{21} Φ_{12} Φ_{7} Φ_{4} Φ_{1}
67237	1153	2268	$\frac{19}{1134}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1115}{2268}$	Φ_{2268} Φ_{756} Φ_{324} Φ_{252} Φ_{108} Φ_{84} Φ_{36} Φ_{28} Φ_{27} Φ_{12} Φ_{4} Φ_{1}
67238	1153	1260	$\frac{2}{105}$	$\frac{107}{1260}$	$\frac{1}{3}$	$\frac{103}{210}$	Φ_{1260} Φ_{630} Φ_{420} Φ_{315} Φ_{252} Φ_{180} Φ_{140} Φ_{126} Φ_{105} Φ_{90} Φ_{84} Φ_{63} Φ_{60} Φ_{45} Φ_{36} Φ_{35} Φ_{28} Φ_{21} Φ_{20} Φ_{18} Φ_{15} Φ_{12} Φ_{9} Φ_{7} Φ_{5} Φ_{4} Φ_{1}
67239	1153	1548	$\frac{8}{387}$	$\frac{1}{9}$	$\frac{395}{1548}$	$\frac{379}{774}$	Φ_{1548} Φ_{516} Φ_{387} Φ_{172} Φ_{129} Φ_{43} Φ_{36} Φ_{12} Φ_{4} Φ_{1}
67240	1153	2244	$\frac{31}{1122}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1091}{2244}$	Φ_{2244} Φ_{748} Φ_{204} Φ_{132} Φ_{68} Φ_{44} Φ_{33} Φ_{12} Φ_{11} Φ_{4} Φ_{1}
67241	1153	2240	$\frac{33}{1120}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1087}{2240}$	Φ_{2240} Φ_{448} Φ_{320} Φ_{64} Φ_{40} Φ_{20} Φ_{10} Φ_{5} Φ_{1}
67242	1153	1392	$\frac{7}{232}$	$\frac{1}{8}$	$\frac{239}{1392}$	$\frac{225}{464}$	Φ_{1392} Φ_{696} Φ_{348} Φ_{232} Φ_{174} Φ_{116} Φ_{87} Φ_{58} Φ_{48} Φ_{29} Φ_{24} Φ_{12} Φ_{6} Φ_{3} Φ_{1}
67243	1153	1224	$\frac{3}{68}$	$\frac{71}{1224}$	$\frac{1}{4}$	$\frac{65}{136}$	Φ_{1224} Φ_{612} Φ_{408} Φ_{306} Φ_{204} Φ_{153} Φ_{102} Φ_{72} Φ_{68} Φ_{51} Φ_{36} Φ_{34} Φ_{24} Φ_{18} Φ_{17} Φ_{12} Φ_{9} Φ_{6} Φ_{3} Φ_{1}
67244	1153	2176	$\frac{3}{68}$	$\frac{65}{1088}$	$\frac{1}{4}$	$\frac{1023}{2176}$	Φ_{2176} Φ_{128} Φ_{68} Φ_{34} Φ_{17} Φ_{1}
67245	1153	1188	$\frac{35}{1188}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	Φ_{1188} Φ_{594} Φ_{396} Φ_{297} Φ_{198} Φ_{132} Φ_{108} Φ_{99} Φ_{54} Φ_{44} Φ_{36} Φ_{33} Φ_{27} Φ_{18} Φ_{12} Φ_{11} Φ_{9} Φ_{4} Φ_{1}
67246	1153	2160	$\frac{1}{36}$	$\frac{73}{1080}$	$\frac{35}{108}$	$\frac{1007}{2160}$	Φ_{2160} Φ_{720} Φ_{432} Φ_{240} Φ_{144} Φ_{108} Φ_{80} Φ_{54} Φ_{48} Φ_{27} Φ_{16} Φ_{1}
67247	1153	2160	$\frac{1}{18}$	$\frac{73}{1080}$	$\frac{17}{90}$	$\frac{1007}{2160}$	Φ_{2160} Φ_{720} Φ_{432} Φ_{240} Φ_{144} Φ_{90} Φ_{80} Φ_{48} Φ_{45} Φ_{30} Φ_{16} Φ_{15} Φ_{10} Φ_{5} Φ_{1}
67248	1153	1404	$\frac{1}{18}$	$\frac{17}{234}$	$\frac{251}{1404}$	$\frac{217}{468}$	Φ_{1404} Φ_{702} Φ_{351} Φ_{234} Φ_{117} Φ_{108} Φ_{78} Φ_{54} Φ_{39} Φ_{27} Φ_{26} Φ_{13} Φ_{1}
67249	1153	1584	$\frac{1}{36}$	$\frac{35}{396}$	$\frac{431}{1584}$	$\frac{361}{792}$	Φ_{1584} Φ_{528} Φ_{396} Φ_{198} Φ_{176} Φ_{144} Φ_{132} Φ_{99} Φ_{66} Φ_{48} Φ_{44} Φ_{33} Φ_{22} Φ_{16} Φ_{11} Φ_{1}
67250	1153	1176	$\frac{23}{1176}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	Φ_{1176} Φ_{588} Φ_{392} Φ_{294} Φ_{196} Φ_{168} Φ_{147} Φ_{98} Φ_{84} Φ_{56} Φ_{49} Φ_{28} Φ_{24} Φ_{21} Φ_{12} Φ_{8} Φ_{7} Φ_{4} Φ_{1}
67251	1153	2100	$\frac{2}{105}$	$\frac{103}{1050}$	$\frac{1}{3}$	$\frac{947}{2100}$	Φ_{2100} Φ_{700} Φ_{420} Φ_{300} Φ_{140} Φ_{105} Φ_{100} Φ_{84} Φ_{60} Φ_{35} Φ_{28} Φ_{21} Φ_{20} Φ_{15} Φ_{12} Φ_{7} Φ_{5} Φ_{4} Φ_{1}
67252	1153	1170	$\frac{17}{1170}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	Φ_{1170} Φ_{585} Φ_{390} Φ_{234} Φ_{195} Φ_{130} Φ_{117} Φ_{90} Φ_{78} Φ_{65} Φ_{45} Φ_{39} Φ_{26} Φ_{18} Φ_{15} Φ_{13} Φ_{9} Φ_{5} Φ_{1}
67253	1153	1344	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{191}{1344}$	$\frac{145}{336}$	Φ_{1344} Φ_{672} Φ_{448} Φ_{224} Φ_{192} Φ_{168} Φ_{96} Φ_{84} Φ_{64} Φ_{56} Φ_{42} Φ_{32} Φ_{28} Φ_{21} Φ_{14} Φ_{7} Φ_{1}
67254	1153	2016	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{145}{1008}$	$\frac{863}{2016}$	Φ_{2016} Φ_{672} Φ_{288} Φ_{224} Φ_{168} Φ_{96} Φ_{84} Φ_{56} Φ_{42} Φ_{32} Φ_{28} Φ_{21} Φ_{14} Φ_{7} Φ_{1}
67255	1153	1980	$\frac{2}{165}$	$\frac{163}{990}$	$\frac{1}{3}$	$\frac{827}{1980}$	Φ_{1980} Φ_{660} Φ_{396} Φ_{220} Φ_{180} Φ_{165} Φ_{132} Φ_{60} Φ_{55} Φ_{44} Φ_{36} Φ_{33} Φ_{20} Φ_{15} Φ_{12} Φ_{11} Φ_{5} Φ_{4} Φ_{1}
67256	1153	1200	$\frac{47}{1200}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	Φ_{1200} Φ_{600} Φ_{400} Φ_{300} Φ_{240} Φ_{200} Φ_{150} Φ_{120} Φ_{100} Φ_{75} Φ_{60} Φ_{50} Φ_{48} Φ_{40} Φ_{30} Φ_{25} Φ_{24} Φ_{20} Φ_{15} Φ_{12} Φ_{10} Φ_{6} Φ_{5} Φ_{3} Φ_{1}
67257	1153	1260	$\frac{1}{18}$	$\frac{107}{1260}$	$\frac{17}{90}$	$\frac{73}{180}$	Φ_{1260} Φ_{630} Φ_{420} Φ_{315} Φ_{252} Φ_{210} Φ_{140} Φ_{126} Φ_{105} Φ_{90} Φ_{84} Φ_{70} Φ_{63} Φ_{45} Φ_{42} Φ_{35} Φ_{30} Φ_{28} Φ_{21} Φ_{15} Φ_{14} Φ_{10} Φ_{7} Φ_{5} Φ_{1}
67258	1153	1440	$\frac{1}{48}$	$\frac{47}{240}$	$\frac{287}{1440}$	$\frac{193}{480}$	Φ_{1440} Φ_{720} Φ_{360} Φ_{288} Φ_{240} Φ_{180} Φ_{144} Φ_{120} Φ_{90} Φ_{80} Φ_{72} Φ_{60} Φ_{45} Φ_{40} Φ_{36} Φ_{30} Φ_{20} Φ_{18} Φ_{15} Φ_{10} Φ_{9} Φ_{5} Φ_{1}
67259	1153	1920	$\frac{1}{48}$	$\frac{47}{240}$	$\frac{193}{960}$	$\frac{767}{1920}$	Φ_{1920} Φ_{640} Φ_{384} Φ_{240} Φ_{128} Φ_{120} Φ_{80} Φ_{60} Φ_{40} Φ_{30} Φ_{20} Φ_{15} Φ_{10} Φ_{5} Φ_{1}
67260	1153	1872	$\frac{1}{18}$	$\frac{17}{234}$	$\frac{217}{936}$	$\frac{719}{1872}$	Φ_{1872} Φ_{624} Φ_{234} Φ_{208} Φ_{144} Φ_{117} Φ_{78} Φ_{48} Φ_{39} Φ_{26} Φ_{16} Φ_{13} Φ_{1}
67261	1153	1856	$\frac{7}{232}$	$\frac{1}{8}$	$\frac{225}{928}$	$\frac{703}{1856}$	Φ_{1856} Φ_{232} Φ_{116} Φ_{64} Φ_{58} Φ_{29} Φ_{1}
67262	1153	1848	$\frac{2}{231}$	$\frac{229}{924}$	$\frac{1}{3}$	$\frac{695}{1848}$	Φ_{1848} Φ_{616} Φ_{264} Φ_{231} Φ_{168} Φ_{88} Φ_{77} Φ_{56} Φ_{33} Φ_{24} Φ_{21} Φ_{11} Φ_{8} Φ_{7} Φ_{1}
67263	1153	1188	$\frac{35}{1188}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	Φ_{1188} Φ_{594} Φ_{396} Φ_{297} Φ_{198} Φ_{132} Φ_{108} Φ_{99} Φ_{66} Φ_{44} Φ_{36} Φ_{33} Φ_{27} Φ_{22} Φ_{12} Φ_{11} Φ_{4} Φ_{1}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
67264	1153	1296	$\frac{1}{36}$	$\frac{143}{1296}$	$\frac{35}{108}$	$\frac{73}{216}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
67265	1153	1728	$\frac{1}{144}$	$\frac{143}{432}$	$\frac{575}{1728}$	$\frac{289}{864}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{64}\ \Phi_{54}\ \Phi_{27}\ \Phi_1$
67266	1153	1485	$\frac{2}{165}$	$\frac{332}{1485}$	$\frac{163}{495}$	$\frac{1}{3}$	$\Phi_{1485}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}\ \Phi_{55}\ \Phi_{33}\ \Phi_{27}\ \Phi_{15}\ \Phi_{11}\ \Phi_5\ \Phi_1$
67267	1153	1710	$\frac{13}{570}$	$\frac{2}{15}$	$\frac{557}{1710}$	$\frac{1}{3}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{342}\ \Phi_{171}\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
67268	1153	1701	$\frac{19}{567}$	$\frac{2}{21}$	$\frac{548}{1701}$	$\frac{1}{3}$	$\Phi_{1701}\ \Phi_{243}\ \Phi_{21}\ \Phi_7\ \Phi_1$
67269	1153	1683	$\frac{31}{561}$	$\frac{2}{33}$	$\frac{530}{1683}$	$\frac{1}{3}$	$\Phi_{1683}\ \Phi_{153}\ \Phi_{99}\ \Phi_{33}\ \Phi_{11}\ \Phi_9\ \Phi_1$
67270	1153	1197	$\frac{44}{1197}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{171}\ \Phi_{133}\ \Phi_{57}\ \Phi_{21}\ \Phi_{19}\ \Phi_7\ \Phi_1$
67271	1153	1575	$\frac{2}{105}$	$\frac{103}{525}$	$\frac{422}{1575}$	$\frac{1}{3}$	$\Phi_{1575}\ \Phi_{315}\ \Phi_{225}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_1$
67272	1153	1512	$\frac{19}{378}$	$\frac{2}{21}$	$\frac{359}{1512}$	$\frac{1}{3}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
67273	1153	1200	$\frac{47}{1200}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
67274	1153	1425	$\frac{13}{285}$	$\frac{2}{15}$	$\frac{272}{1425}$	$\frac{1}{3}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_1$
67275	1153	1260	$\frac{107}{1260}$	$\frac{2}{21}$	$\frac{19}{126}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
67276	1153	1323	$\frac{2}{21}$	$\frac{19}{189}$	$\frac{170}{1323}$	$\frac{1}{3}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{147}\ \Phi_{49}\ \Phi_{21}\ \Phi_7\ \Phi_1$
67277	1153	1620	$\frac{1}{36}$	$\frac{73}{540}$	$\frac{467}{1620}$	$\frac{35}{108}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_1$
67278	1153	1701	$\frac{19}{567}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{548}{1701}$	$\Phi_{1701}\ \Phi_{243}\ \Phi_{27}\ \Phi_1$
67279	1153	1680	$\frac{33}{560}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{527}{1680}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
67280	1153	1512	$\frac{19}{378}$	$\frac{1}{9}$	$\frac{359}{1512}$	$\frac{8}{27}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
67281	1153	1215	$\frac{62}{1215}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_5\ \Phi_1$
67282	1153	1323	$\frac{19}{189}$	$\frac{1}{9}$	$\frac{170}{1323}$	$\frac{8}{27}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{147}\ \Phi_{49}\ \Phi_{27}\ \Phi_1$
67283	1153	1296	$\frac{143}{1296}$	$\frac{1}{9}$	$\frac{19}{162}$	$\frac{8}{27}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
67284	1153	1632	$\frac{3}{68}$	$\frac{65}{544}$	$\frac{1}{4}$	$\frac{479}{1632}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{96}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
67285	1153	1620	$\frac{1}{18}$	$\frac{73}{540}$	$\frac{17}{90}$	$\frac{467}{1620}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{162}\ \Phi_{90}\ \Phi_{81}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
67286	1153	1512	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{359}{1512}$	$\frac{145}{504}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
67287	1153	1350	$\frac{1}{18}$	$\frac{197}{1350}$	$\frac{17}{90}$	$\frac{73}{270}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
67288	1153	1360	$\frac{3}{68}$	$\frac{207}{1360}$	$\frac{65}{272}$	$\frac{1}{4}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{80}\ \Phi_{68}\ \Phi_{40}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{10}\ \Phi_5\ \Phi_1$
67289	1153	1280	$\frac{127}{1280}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{160}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
67290	1153	1440	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{287}{1440}$	$\frac{73}{360}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{32}\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
67291	1153	1400	$\frac{33}{280}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{247}{1400}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{200}\ \Phi_{175}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
67292	1154	1122	$\frac{16}{561}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{545}{1122}$	$\Phi_{1122}^2\ \Phi_{374}^2\ \Phi_{102}^2\ \Phi_{66}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{22}^2\ \Phi_6^2\ \Phi_2^2$
67293	1154	612	$\frac{1}{34}$	$\frac{35}{612}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{36}^2\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{17}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
67294	1154	3264	$\frac{1}{34}$	$\frac{33}{544}$	$\frac{1}{3}$	$\frac{511}{1088}$	$\Phi_{3264}\ \Phi_{192}\ \Phi_{102}\ \Phi_{51}\ \Phi_6$
67295	1154	612	$\frac{35}{612}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{36}^2\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
67296	1154	816	$\frac{1}{34}$	$\frac{33}{272}$	$\frac{239}{816}$	$\frac{1}{3}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}^2\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{48}\ \Phi_{34}^2\ \Phi_{24}\ \Phi_{17}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
67297	1154	2040	$\frac{1}{34}$	$\frac{103}{680}$	$\frac{33}{136}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{120}\ \Phi_{102}\ \Phi_{60}\ \Phi_{51}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
67298	1154	2244	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{171}{748}$	$\frac{1}{3}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{204}\ \Phi_{132}\ \Phi_{102}\ \Phi_{66}\ \Phi_{51}\ \Phi_{12}\ \Phi_6$
67299	1155	920	$\frac{1}{230}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{229}{460}$	$\Phi_{920}^2\ \Phi_{460}\ \Phi_{184}^2\ \Phi_{92}\ \Phi_{40}^2\ \Phi_{20}\ \Phi_8^3\ \Phi_4\ \Phi_1$
67300	1155	984	$\frac{1}{164}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{163}{328}$	$\Phi_{984}^2\ \Phi_{328}^3\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
67301	1155	2952	$\frac{1}{164}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{163}{328}$	$\Phi_{2952}\ \Phi_{328}\ \Phi_{72}\ \Phi_9\ \Phi_8\ \Phi_1$
67302	1155	1040	$\frac{1}{104}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{103}{208}$	$\Phi_{1040}^2\ \Phi_{208}^3\ \Phi_{80}^2\ \Phi_{20}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
67303	1155	3120	$\frac{1}{104}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{103}{208}$	$\Phi_{3120}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{48}\ \Phi_{16}\ \Phi_{15}\ \Phi_3\ \Phi_1$
67304	1155	1064	$\frac{1}{76}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{75}{152}$	$\Phi_{1064}^2\ \Phi_{152}^3\ \Phi_{56}^2\ \Phi_{28}\ \Phi_8^3\ \Phi_4\ \Phi_1$
67305	1155	1064	$\frac{1}{76}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{75}{152}$	$\Phi_{1064}^2\ \Phi_{152}^3\ \Phi_{56}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
67306	1155	456	$\frac{1}{76}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{75}{152}$	$\Phi_{456}^6\ \Phi_{152}^3\ \Phi_{24}^6\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
67307	1155	1080	$\frac{1}{54}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{53}{108}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{120}^2\ \Phi_{108}\ \Phi_{72}^2\ \Phi_{40}^3\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
67308	1155	540	$\frac{1}{54}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{53}{108}$	$\Phi_{540}^4\ \Phi_{180}^4\ \Phi_{108}^5\ \Phi_{60}^4\ \Phi_{36}^5\ \Phi_{20}^4\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
67309	1155	216	$\frac{1}{54}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{53}{108}$	$\Phi_{216}^6\ \Phi_{108}^5\ \Phi_{72}^6\ \Phi_{54}^4\ \Phi_{36}^5\ \Phi_{27}^4\ \Phi_{24}^6\ \Phi_{18}^4\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^9\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
67310	1155	2700	$\frac{1}{54}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{53}{108}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{300}\ \Phi_{108}\ \Phi_{100}\ \Phi_{36}\ \Phi_{25}\ \Phi_{12}\ \Phi_4\ \Phi_1$
67311	1155	1200	$\frac{2}{75}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
67312	1155	1088	$\frac{1}{34}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{33}{68}$	$\Phi_{1088}^2\ \Phi_{68}\ \Phi_{64}^3\ \Phi_4\ \Phi_1$
67313	1155	272	$\frac{1}{34}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{33}{68}$	$\Phi_{272}^4\ \Phi_{136}^4\ \Phi_{68}^5\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_{16}^6\ \Phi_8^6\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
67314	1155	204	$\frac{1}{34}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{204}^6\ \Phi_{102}^6\ \Phi_{68}^5\ \Phi_{51}^6\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_{12}^9\ \Phi_6^9\ \Phi_4^7\ \Phi_3^9\ \Phi_2^6\ \Phi_1^7$
67315	1155	680	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{68}$	$\Phi_{680}^2\ \Phi_{340}^2\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{68}\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
67316	1155	3264	$\frac{1}{32}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{31}{64}$	$\Phi_{3264}\ \Phi_{192}\ \Phi_{64}\ \Phi_{51}\ \Phi_3\ \Phi_1$
67317	1155	1088	$\frac{1}{32}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{31}{64}$	$\Phi_{1088}^2\ \Phi_{64}^3\ \Phi_{17}^2\ \Phi_1^3$
67318	1155	192	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{31}{64}$	$\Phi_{192}^{14}\ \Phi_{64}^7\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
67319	1155	208	$\frac{1}{26}$	$\frac{1}{16}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{208}^6\ \Phi_{104}^5\ \Phi_{52}^6\ \Phi_{26}^5\ \Phi_{16}^5\ \Phi_{13}^5\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
67320	1155	2280	$\frac{2}{57}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{152}\ \Phi_{57}\ \Phi_{40}\ \Phi_{19}\ \Phi_8\ \Phi_1$
67321	1155	3240	$\frac{1}{27}$	$\frac{1}{20}$	$\frac{26}{81}$	$\frac{19}{40}$	$\Phi_{3240}\ \Phi_{648}\ \Phi_{81}\ \Phi_{40}\ \Phi_8\ \Phi_1$
67322	1155	360	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{19}{40}$	$\Phi_{360}^2\ \Phi_{180}^4\ \Phi_{120}^2\ \Phi_{90}^4\ \Phi_{72}^3\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{40}^3\ \Phi_{36}^5\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
67323	1155	1080	$\frac{1}{20}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{19}{40}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{40}^3\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_9^2\ \Phi_8^3\ \Phi_3^2\ \Phi_1^3$
67324	1155	120	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{120}^{18}\ \Phi_{40}^{19}\ \Phi_{24}^{18}\ \Phi_{12}^5\ \Phi_8^{19}\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
67325	1155	2520	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{19}{40}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{280}\ \Phi_{168}\ \Phi_{63}\ \Phi_{56}\ \Phi_{40}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$
67326	1155	1144	$\frac{1}{22}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{1144}^2\ \Phi_{104}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
67327	1155	1122	$\frac{1}{34}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{374}\ \Phi_{187}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{33}\ \Phi_{17}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
67328	1155	144	$\frac{1}{16}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{144}^7\ \Phi_{72}^8\ \Phi_{48}^9\ \Phi_{36}^8\ \Phi_{24}^{10}\ \Phi_{18}^8\ \Phi_{16}^8\ \Phi_{12}^{10}\ \Phi_9^8\ \Phi_8^9\ \Phi_6^9\ \Phi_4^9\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
67329	1155	1596	$\frac{1}{38}$	$\frac{1}{14}$	$\frac{37}{114}$	$\frac{13}{28}$	$\Phi_{1596}^2\ \Phi_{228}^2\ \Phi_{114}\ \Phi_{84}^2\ \Phi_{57}\ \Phi_{28}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
67330	1155	560	$\frac{3}{80}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}^2\ \Phi_{80}^3\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
67331	1155	2660	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{18}{95}$	$\frac{13}{28}$	$\Phi_{2660}\ \Phi_{380}\ \Phi_{140}\ \Phi_{95}\ \Phi_{28}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
67332	1155	532	$\frac{1}{14}$	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{13}{28}$	$\Phi_{532}^4\ \Phi_{76}^4\ \Phi_{38}^2\ \Phi_{28}^5\ \Phi_{19}^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
67333	1155	168	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{13}{28}$	$\Phi_{168}^8\ \Phi_{84}^6\ \Phi_{56}^6\ \Phi_{42}^6\ \Phi_{28}^5\ \Phi_{24}^{12}\ \Phi_{21}^6\ \Phi_{14}^4\ \Phi_{12}^9\ \Phi_8^9\ \Phi_7^4\ \Phi_6^9\ \Phi_4^7\ \Phi_3^9\ \Phi_2^6\ \Phi_1^7$
67334	1155	816	$\frac{1}{34}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{816}^2\ \Phi_{272}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{48}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
67335	1155	1088	$\frac{1}{34}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{1088}^2\ \Phi_{68}^2\ \Phi_{64}\ \Phi_{34}\ \Phi_{17}\ \Phi_4\ \Phi_1$
67336	1155	260	$\frac{1}{52}$	$\frac{1}{10}$	$\frac{17}{52}$	$\frac{9}{20}$	$\Phi_{260}^4\ \Phi_{130}^4\ \Phi_{65}^4\ \Phi_{52}^6\ \Phi_{26}^6\ \Phi_{20}^5\ \Phi_{13}^6\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
67337	1155	180	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^6\ \Phi_{45}^6\ \Phi_{36}^9\ \Phi_{30}^6\ \Phi_{20}^5\ \Phi_{18}^9\ \Phi_{15}^6\ \Phi_{12}^9\ \Phi_{10}^4\ \Phi_9^9\ \Phi_6^9\ \Phi_5^4\ \Phi_4^7\ \Phi_3^9\ \Phi_2^6\ \Phi_1^7$
67338	1155	260	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{5}{26}$	$\frac{9}{20}$	$\Phi_{260}^8\ \Phi_{52}^8\ \Phi_{26}^4\ \Phi_{20}^9\ \Phi_{13}^4\ \Phi_4^9\ \Phi_2^4\ \Phi_1^5$
67339	1155	660	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{660}^4\ \Phi_{220}^2\ \Phi_{132}^4\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
67340	1155	260	$\frac{3}{52}$	$\frac{1}{10}$	$\frac{7}{52}$	$\frac{9}{20}$	$\Phi_{260}^4\ \Phi_{130}^4\ \Phi_{65}^4\ \Phi_{52}^6\ \Phi_{26}^6\ \Phi_{20}^5\ \Phi_{13}^6\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
67341	1155	80	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{80}^{14}\ \Phi_{40}^{12}\ \Phi_{20}^{13}\ \Phi_{16}^{21}\ \Phi_{10}^{12}\ \Phi_8^{18}\ \Phi_5^{12}\ \Phi_4^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
67342	1155	780	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{4}{39}$	$\frac{9}{20}$	$\Phi_{780}^3\ \Phi_{260}^2\ \Phi_{156}^3\ \Phi_{60}^3\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{20}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
67343	1155	1078	$\frac{1}{22}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{1078}\ \Phi_{539}\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{49}\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_1$
67344	1155	240	$\frac{3}{80}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^3\ \Phi_{60}^6\ \Phi_{48}^4\ \Phi_{40}^3\ \Phi_{30}^6\ \Phi_{24}^6\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^5\ \Phi_5^3\ \Phi_4^3\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
67345	1155	704	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{704}^2\ \Phi_{352}^2\ \Phi_{88}^2\ \Phi_{64}\ \Phi_{44}^2\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
67346	1155	174	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{1}{6}$	$\frac{25}{58}$	$\Phi_{174}^8\ \Phi_{87}^8\ \Phi_{58}\ \Phi_{29}^7\ \Phi_6^7\ \Phi_3^7\ \Phi_1^7$
67347	1155	1056	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{1056}^2\ \Phi_{352}^2\ \Phi_{96}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
67348	1155	492	$\frac{1}{82}$	$\frac{1}{6}$	$\frac{27}{82}$	$\frac{5}{12}$	$\Phi_{492}^4\ \Phi_{164}^4\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{12}^5\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
67349	1155	168	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{168}^6\ \Phi_{84}^6\ \Phi_{56}^9\ \Phi_{42}^6\ \Phi_{28}^9\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{14}^9\ \Phi_{12}^5\ \Phi_8^9\ \Phi_7^9\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
67350	1155	492	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{8}{41}$	$\frac{5}{12}$	$\Phi_{492}^4\ \Phi_{164}^4\ \Phi_{41}^4\ \Phi_{12}^5\ \Phi_4^5\ \Phi_1^5$
67351	1155	204	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{204}^{10}\ \Phi_{102}^2\ \Phi_{68}^{10}\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
67352	1155	492	$\frac{5}{82}$	$\frac{7}{82}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{492}^4\ \Phi_{164}^4\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{12}^5\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
67353	1155	48	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{48}^{26}\ \Phi_{24}^{26}\ \Phi_{16}^{25}\ \Phi_{12}^{20}\ \Phi_8^{25}\ \Phi_6^{19}\ \Phi_4^{19}\ \Phi_3^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
67354	1155	1040	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
67355	1155	954	$\frac{1}{106}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{954}\ \Phi_{477}\ \Phi_{318}^2\ \Phi_{159}^2\ \Phi_{106}\ \Phi_{53}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
67356	1155	920	$\frac{1}{115}$	$\frac{1}{4}$	$\frac{38}{115}$	$\frac{3}{8}$	$\Phi_{920}^2\ \Phi_{184}^2\ \Phi_{115}^2\ \Phi_{40}^2\ \Phi_{23}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_1^3$
67357	1155	848	$\frac{1}{106}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{848}^2\ \Phi_{212}^2\ \Phi_{106}\ \Phi_{53}\ \Phi_{16}\ \Phi_4\ \Phi_1$
67358	1155	312	$\frac{1}{78}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^6\ \Phi_{156}^2\ \Phi_{104}^6\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}^6\ \Phi_{13}\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
67359	1155	1880	$\frac{4}{235}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1880}\ \Phi_{376}\ \Phi_{235}\ \Phi_{47}\ \Phi_8\ \Phi_1$
67360	1155	184	$\frac{1}{46}$	$\frac{15}{92}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{184}^{10}\ \Phi_{92}^3\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_8^{11}\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
67361	1155	920	$\frac{3}{115}$	$\frac{16}{115}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{920}^2\ \Phi_{184}^2\ \Phi_{115}^2\ \Phi_{40}^2\ \Phi_{23}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_1^3$
67362	1155	136	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{136}^8\ \Phi_{68}^{10}\ \Phi_{34}^9\ \Phi_{17}^9\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
67363	1155	80	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{80}^{15}\ \Phi_{40}^{13}\ \Phi_{20}^{15}\ \Phi_{16}^{15}\ \Phi_{10}^{14}\ \Phi_8^{14}\ \Phi_5^{14}\ \Phi_4^{15}\ \Phi_2^{14}\ \Phi_1^{15}$
67364	1155	184	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{184}^{10}\ \Phi_{23}^{10}\ \Phi_8^{11}\ \Phi_1^{11}$
67365	1155	264	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^8\ \Phi_{132}^2\ \Phi_{88}^6\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}^4\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
67366	1155	918	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{918}\ \Phi_{459}\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{27}\ \Phi_{18}\ \Phi_{17}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
67367	1155	924	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{924}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}\ \Phi_{77}^2\ \Phi_{44}^2\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}\ \Phi_{12}\ \Phi_{11}\ \Phi_7\ \Phi_4\ \Phi_1$
67368	1155	348	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{19}{58}$	$\frac{39}{116}$	$\Phi_{348}^6\ \Phi_{174}^2\ \Phi_{116}^3\ \Phi_{87}^2\ \Phi_{58}\ \Phi_{29}\ \Phi_{12}^6\ \Phi_6\ \Phi_4^3\ \Phi_3\ \Phi_1$
67369	1155	738	$\frac{1}{82}$	$\frac{2}{9}$	$\frac{27}{82}$	$\frac{1}{3}$	$\Phi_{738}^2\ \Phi_{369}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{18}^2\ \Phi_9^3\ \Phi_2^2\ \Phi_1^3$
67370	1155	570	$\frac{2}{57}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{570}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{19}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
67371	1155	504	$\frac{1}{56}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{126}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{36}^2\ \Phi_{28}^3\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
67372	1155	456	$\frac{2}{57}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{456}^3\ \Phi_{228}^2\ \Phi_{152}^3\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{19}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
67373	1155	369	$\frac{1}{41}$	$\frac{8}{41}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{369}^4\ \Phi_{41}^4\ \Phi_9^5\ \Phi_1^5$
67374	1155	306	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{306}^5\ \Phi_{153}^5\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{18}^2\ \Phi_{17}\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
67375	1155	738	$\frac{5}{82}$	$\frac{7}{82}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{738}^2\ \Phi_{369}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{18}^2\ \Phi_9^3\ \Phi_2^2\ \Phi_1^3$
67376	1155	144	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{144}^{11}\ \Phi_{72}^{11}\ \Phi_{48}^4\ \Phi_{36}^8\ \Phi_{24}^4\ \Phi_{18}^8\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^9\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
67377	1155	1425	$\frac{2}{57}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{57}\ \Phi_{25}\ \Phi_{19}\ \Phi_1$
67378	1155	39	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{2}{13}$	$\frac{1}{3}$	$\Phi_{39}^{28}\ \Phi_{13}^{33}\ \Phi_3^{27}\ \Phi_1^{33}$
67379	1155	720	$\frac{1}{16}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
67380	1155	780	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{17}{52}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{15}^3\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
67381	1155	798	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{37}{114}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
67382	1155	228	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{37}{114}$	$\Phi_{228}^6\ \Phi_{114}^3\ \Phi_{76}^8\ \Phi_{57}^3\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{12}^8\ \Phi_6^4\ \Phi_4^9\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
67383	1155	810	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{26}{81}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{162}^2\ \Phi_{81}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
67384	1155	648	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{26}{81}$	$\Phi_{648}^3\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{81}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
67385	1155	2025	$\frac{1}{27}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{26}{81}$	$\Phi_{2025}\ \Phi_{81}\ \Phi_{25}\ \Phi_1$
67386	1155	816	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{16}{51}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{51}^3\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
67387	1155	204	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{204}^5\ \Phi_{102}^5\ \Phi_{68}^6\ \Phi_{51}^6\ \Phi_{34}^6\ \Phi_{17}^6\ \Phi_{12}^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
67388	1155	2040	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{16}{51}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{120}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$
67389	1155	272	$\frac{1}{16}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{16}$	$\Phi_{272}^4\ \Phi_{136}^4\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{17}^6\ \Phi_{16}^6\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
67390	1155	48	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{16}$	$\Phi_{48}^{28}\ \Phi_{24}^{30}\ \Phi_{16}^{14}\ \Phi_{12}^{30}\ \Phi_8^{15}\ \Phi_6^{29}\ \Phi_4^{15}\ \Phi_3^{29}\ \Phi_2^{14}\ \Phi_1^{15}$
67391	1155	577	$\frac{43}{577}$	$\frac{57}{577}$	$\frac{104}{577}$	$\frac{178}{577}$	$\Phi_{577}^2\ \Phi_1^3$
67392	1155	664	$\frac{13}{166}$	$\frac{1}{8}$	$\frac{23}{166}$	$\frac{51}{166}$	$\Phi_{664}^2\ \Phi_{332}^2\ \Phi_{166}\ \Phi_{83}\ \Phi_8\ \Phi_4\ \Phi_1$
67393	1155	577	$\frac{46}{577}$	$\frac{71}{577}$	$\frac{80}{577}$	$\frac{177}{577}$	$\Phi_{577}^2\ \Phi_1^3$
67394	1155	696	$\frac{19}{232}$	$\frac{23}{232}$	$\frac{1}{6}$	$\frac{71}{232}$	$\Phi_{696}^2\ \Phi_{348}^2\ \Phi_{232}\ \Phi_{174}^2\ \Phi_{116}\ \Phi_{87}^2\ \Phi_{58}\ \Phi_{29}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
67395	1155	360	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{17}{72}$	$\frac{3}{10}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{72}^5\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{36}^5\ \Phi_{24}^5\ \Phi_{20}^4\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_8^5\ \Phi_5^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
67396	1155	270	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{5}{27}$	$\frac{3}{10}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{27}^6\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_9^6\ \Phi_6^4\ \Phi_5^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^9$
67397	1155	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{60}^{20}\ \Phi_{30}^{16}\ \Phi_{20}^{20}\ \Phi_{15}^{16}\ \Phi_{12}^{25}\ \Phi_{10}^{18}\ \Phi_6^{20}\ \Phi_5^{18}\ \Phi_4^{25}\ \Phi_3^{20}\ \Phi_2^{22}\ \Phi_1^{23}$
67398	1155	630	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{3}{10}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{63}^3\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
67399	1155	577	$\frac{37}{577}$	$\frac{67}{577}$	$\frac{108}{577}$	$\frac{170}{577}$	$\Phi_{577}^{2}\ \Phi_{1}^{3}$
67400	1155	636	$\frac{1}{12}$	$\frac{13}{106}$	$\frac{15}{106}$	$\frac{31}{106}$	$\Phi_{636}^{2}\ \Phi_{318}^{2}\ \Phi_{212}^{2}\ \Phi_{159}^{2}\ \Phi_{106}\ \Phi_{53}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
67401	1155	792	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{88}^{2}\ \Phi_{72}\ \Phi_{44}^{2}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
67402	1155	577	$\frac{45}{577}$	$\frac{76}{577}$	$\frac{82}{577}$	$\frac{167}{577}$	$\Phi_{577}^{2}\ \Phi_{1}^{3}$
67403	1155	696	$\frac{15}{232}$	$\frac{31}{232}$	$\frac{1}{6}$	$\frac{67}{232}$	$\Phi_{696}^{2}\ \Phi_{348}^{2}\ \Phi_{232}\ \Phi_{174}^{2}\ \Phi_{116}\ \Phi_{87}^{2}\ \Phi_{58}\ \Phi_{29}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
67404	1155	432	$\frac{1}{16}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{432}^{4}\ \Phi_{216}^{4}\ \Phi_{108}^{3}\ \Phi_{54}^{3}\ \Phi_{48}^{2}\ \Phi_{27}^{3}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
67405	1155	560	$\frac{3}{80}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{140}^{2}\ \Phi_{112}^{2}\ \Phi_{80}^{3}\ \Phi_{70}^{2}\ \Phi_{56}^{2}\ \Phi_{40}^{3}\ \Phi_{35}^{2}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
67406	1155	154	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{154}^{8}\ \Phi_{77}^{8}\ \Phi_{22}^{7}\ \Phi_{14}^{3}\ \Phi_{11}^{7}\ \Phi_{7}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{5}$
67407	1155	665	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{18}{95}$	$\frac{2}{7}$	$\Phi_{665}^{2}\ \Phi_{95}^{3}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
67408	1155	266	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{266}^{4}\ \Phi_{133}^{4}\ \Phi_{38}^{6}\ \Phi_{19}^{6}\ \Phi_{14}^{4}\ \Phi_{7}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
67409	1155	168	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{168}^{8}\ \Phi_{84}^{6}\ \Phi_{56}^{6}\ \Phi_{42}^{6}\ \Phi_{28}^{4}\ \Phi_{24}^{12}\ \Phi_{21}^{6}\ \Phi_{14}^{4}\ \Phi_{12}^{9}\ \Phi_{8}^{9}\ \Phi_{7}^{6}\ \Phi_{6}^{9}\ \Phi_{4}^{6}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
67410	1155	720	$\frac{1}{16}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{90}\ \Phi_{80}^{2}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
67411	1155	577	$\frac{38}{577}$	$\frac{77}{577}$	$\frac{100}{577}$	$\frac{159}{577}$	$\Phi_{577}^{2}\ \Phi_{1}^{3}$
67412	1155	636	$\frac{1}{12}$	$\frac{11}{106}$	$\frac{19}{106}$	$\frac{29}{106}$	$\Phi_{636}^{2}\ \Phi_{318}^{2}\ \Phi_{212}^{2}\ \Phi_{159}^{2}\ \Phi_{106}\ \Phi_{53}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
67413	1155	577	$\frac{47}{577}$	$\frac{60}{577}$	$\frac{106}{577}$	$\frac{157}{577}$	$\Phi_{577}^{2}\ \Phi_{1}^{3}$
67414	1155	664	$\frac{11}{166}$	$\frac{1}{8}$	$\frac{31}{166}$	$\frac{45}{166}$	$\Phi_{664}^{2}\ \Phi_{332}^{2}\ \Phi_{166}\ \Phi_{83}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
67415	1155	816	$\frac{1}{34}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{816}^{2}\ \Phi_{408}^{2}\ \Phi_{204}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{51}^{2}\ \Phi_{48}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
67416	1155	180	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{180}^{6}\ \Phi_{90}^{6}\ \Phi_{60}^{5}\ \Phi_{45}^{6}\ \Phi_{36}^{9}\ \Phi_{30}^{5}\ \Phi_{20}^{6}\ \Phi_{18}^{9}\ \Phi_{15}^{6}\ \Phi_{12}^{8}\ \Phi_{10}^{6}\ \Phi_{9}^{9}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
67417	1155	390	$\frac{1}{26}$	$\frac{5}{26}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{390}^{4}\ \Phi_{195}^{4}\ \Phi_{78}^{4}\ \Phi_{39}^{4}\ \Phi_{30}^{4}\ \Phi_{26}^{4}\ \Phi_{15}^{5}\ \Phi_{13}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
67418	1155	330	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{330}^{3}\ \Phi_{165}^{3}\ \Phi_{110}^{4}\ \Phi_{66}^{5}\ \Phi_{55}^{4}\ \Phi_{33}^{5}\ \Phi_{30}\ \Phi_{22}^{5}\ \Phi_{15}^{2}\ \Phi_{11}^{5}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
67419	1155	780	$\frac{3}{52}$	$\frac{7}{52}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{195}^{2}\ \Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{60}^{2}\ \Phi_{52}^{2}\ \Phi_{39}^{2}\ \Phi_{30}^{2}\ \Phi_{26}^{2}\ \Phi_{15}^{3}\ \Phi_{13}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
67420	1155	240	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{240}^{7}\ \Phi_{120}^{6}\ \Phi_{60}^{6}\ \Phi_{48}^{7}\ \Phi_{30}^{6}\ \Phi_{24}^{6}\ \Phi_{16}^{7}\ \Phi_{15}^{7}\ \Phi_{12}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
67421	1155	195	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{195}^{5}\ \Phi_{65}^{6}\ \Phi_{39}^{8}\ \Phi_{15}^{6}\ \Phi_{13}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{9}\ \Phi_{1}^{9}$
67422	1155	240	$\frac{3}{80}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{240}^{6}\ \Phi_{120}^{6}\ \Phi_{80}^{3}\ \Phi_{60}^{6}\ \Phi_{48}^{6}\ \Phi_{40}^{3}\ \Phi_{30}^{6}\ \Phi_{24}^{6}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{15}^{6}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
67423	1155	912	$\frac{3}{76}$	$\frac{1}{6}$	$\frac{73}{304}$	$\frac{1}{4}$	$\Phi_{912}^{2}\ \Phi_{456}^{2}\ \Phi_{304}\ \Phi_{152}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
67424	1155	72	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{1}{4}$	$\Phi_{72}^{15}\ \Phi_{36}^{17}\ \Phi_{24}^{15}\ \Phi_{18}^{16}\ \Phi_{12}^{17}\ \Phi_{9}^{16}\ \Phi_{8}^{18}\ \Phi_{6}^{16}\ \Phi_{4}^{19}\ \Phi_{3}^{16}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
67425	1155	1140	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{18}{95}$	$\frac{1}{4}$	$\Phi_{1140}^{2}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{95}\ \Phi_{60}^{2}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
67426	1155	216	$\frac{2}{27}$	$\frac{1}{8}$	$\frac{5}{27}$	$\frac{1}{4}$	$\Phi_{216}^{6}\ \Phi_{108}^{4}\ \Phi_{72}^{6}\ \Phi_{54}^{4}\ \Phi_{36}^{4}\ \Phi_{27}^{6}\ \Phi_{24}^{6}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{6}\ \Phi_{8}^{9}\ \Phi_{6}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
67427	1155	772	$\frac{31}{386}$	$\frac{45}{386}$	$\frac{71}{386}$	$\frac{1}{4}$	$\Phi_{772}^{2}\ \Phi_{386}\ \Phi_{193}\ \Phi_{4}\ \Phi_{1}$
67428	1155	204	$\frac{1}{12}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{204}^{6}\ \Phi_{102}^{6}\ \Phi_{68}^{4}\ \Phi_{51}^{6}\ \Phi_{34}^{4}\ \Phi_{17}^{6}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{6}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
67429	1155	772	$\frac{29}{386}$	$\frac{51}{386}$	$\frac{67}{386}$	$\frac{1}{4}$	$\Phi_{772}^{2}\ \Phi_{386}\ \Phi_{193}\ \Phi_{4}\ \Phi_{1}$
67430	1155	228	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{228}^{8}\ \Phi_{114}^{4}\ \Phi_{76}^{4}\ \Phi_{57}^{4}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{12}^{10}\ \Phi_{6}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
67431	1155	24	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{24}^{54}\ \Phi_{12}^{41}\ \Phi_{8}^{57}\ \Phi_{6}^{40}\ \Phi_{4}^{43}\ \Phi_{3}^{40}\ \Phi_{2}^{42}\ \Phi_{1}^{43}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
67432	1155	504	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{63}$	$\frac{1}{4}$	$\Phi_{504}^{3}\ \Phi_{252}^{2}\ \Phi_{168}^{3}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{63}^{3}\ \Phi_{56}^{3}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
67433	1155	1800	$\frac{1}{18}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{17}{72}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{100}\ \Phi_{72}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
67434	1155	63	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{7}$	$\frac{2}{9}$	$\Phi_{63}^{18}\ \Phi_{21}^{18}\ \Phi_{9}^{21}\ \Phi_{7}^{17}\ \Phi_{3}^{21}\ \Phi_{1}^{21}$
67435	1155	768	$\frac{25}{256}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{32}$	$\Phi_{768}^{2}\ \Phi_{384}^{2}\ \Phi_{256}\ \Phi_{192}^{2}\ \Phi_{128}\ \Phi_{64}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
67436	1155	96	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{96}^{15}\ \Phi_{48}^{9}\ \Phi_{32}^{15}\ \Phi_{24}^{10}\ \Phi_{16}^{8}\ \Phi_{12}^{10}\ \Phi_{8}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{9}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
67437	1155	675	$\frac{2}{27}$	$\frac{4}{25}$	$\frac{5}{27}$	$\frac{1}{5}$	$\Phi_{675}^{2}\ \Phi_{225}^{2}\ \Phi_{75}^{2}\ \Phi_{27}^{2}\ \Phi_{25}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
67438	1155	300	$\frac{1}{12}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{300}^{5}\ \Phi_{150}^{4}\ \Phi_{100}^{5}\ \Phi_{75}^{4}\ \Phi_{50}^{4}\ \Phi_{25}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
67439	1155	1575	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{175}\ \Phi_{63}\ \Phi_{25}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
67440	1155	680	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{3}{17}$	$\Phi_{680}^{2}\ \Phi_{340}^{2}\ \Phi_{170}^{2}\ \Phi_{85}^{2}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{17}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
67441	1155	120	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{40}$	$\Phi_{120}^{14}\ \Phi_{60}^{14}\ \Phi_{40}^{7}\ \Phi_{30}^{14}\ \Phi_{24}^{2}\ \Phi_{20}^{7}\ \Phi_{15}^{14}\ \Phi_{12}^{2}\ \Phi_{10}^{7}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}^{7}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
67442	1156	576	$\frac{1}{288}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{287}{576}$	$\Phi_{576}^{4}\ \Phi_{192}^{4}\ \Phi_{64}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
67443	1156	462	$\frac{1}{231}$	$\frac{58}{231}$	$\frac{173}{462}$	$\frac{115}{231}$	$\Phi_{462}^{4}\ \Phi_{231}\ \Phi_{154}^{4}\ \Phi_{77}\ \Phi_{66}^{4}\ \Phi_{42}^{4}\ \Phi_{33}\ \Phi_{22}^{4}\ \Phi_{21}\ \Phi_{14}^{4}\ \Phi_{11}\ \Phi_{7}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
67444	1156	1158	$\frac{1}{193}$	$\frac{97}{386}$	$\frac{1}{3}$	$\frac{96}{193}$	$\Phi_{1158}^{2}\ \Phi_{579}\ \Phi_{6}^{2}$
67445	1156	575	$\frac{3}{575}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{286}{575}$	$\Phi_{575}^{2}\ \Phi_{115}^{2}\ \Phi_{25}^{2}\ \Phi_{23}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
67446	1156	495	$\frac{1}{165}$	$\frac{83}{495}$	$\frac{206}{495}$	$\frac{82}{165}$	$\Phi_{495}^{2}\ \Phi_{165}^{3}\ \Phi_{99}^{2}\ \Phi_{55}^{3}\ \Phi_{45}^{2}\ \Phi_{33}^{3}\ \Phi_{15}^{3}\ \Phi_{11}^{3}\ \Phi_{9}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
67447	1156	574	$\frac{2}{287}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{285}{574}$	$\Phi_{574}^{4}\ \Phi_{82}^{4}\ \Phi_{14}^{4}\ \Phi_{7}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
67448	1156	525	$\frac{1}{105}$	$\frac{53}{525}$	$\frac{236}{525}$	$\frac{52}{105}$	$\Phi_{525}^{2}\ \Phi_{175}^{2}\ \Phi_{105}^{3}\ \Phi_{75}^{2}\ \Phi_{35}^{3}\ \Phi_{25}^{2}\ \Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
67449	1156	572	$\frac{3}{286}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{283}{572}$	$\Phi_{572}^{4}\ \Phi_{52}^{4}\ \Phi_{44}^{4}\ \Phi_{11}\ \Phi_{4}^{4}\ \Phi_{1}^{2}$
67450	1156	539	$\frac{1}{77}$	$\frac{39}{539}$	$\frac{250}{539}$	$\frac{38}{77}$	$\Phi_{539}^{2}\ \Phi_{77}^{3}\ \Phi_{49}^{2}\ \Phi_{11}^{3}\ \Phi_{7}^{3}\ \Phi_{1}^{4}$
67451	1156	570	$\frac{4}{285}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{281}{570}$	$\Phi_{570}^{4}\ \Phi_{190}^{4}\ \Phi_{114}^{4}\ \Phi_{38}^{4}\ \Phi_{30}^{4}\ \Phi_{15}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
67452	1156	570	$\frac{4}{285}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{281}{570}$	$\Phi_{570}^{4}\ \Phi_{190}^{4}\ \Phi_{114}^{4}\ \Phi_{38}^{4}\ \Phi_{30}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
67453	1156	2144	$\frac{1}{67}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{33}{67}$	$\Phi_{2144}\ \Phi_{67}\ \Phi_{32}^{2}\ \Phi_{1}^{2}$
67454	1156	1608	$\frac{1}{67}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{33}{67}$	$\Phi_{1608}\ \Phi_{804}\ \Phi_{402}\ \Phi_{201}\ \Phi_{67}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
67455	1156	1340	$\frac{1}{67}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{33}{67}$	$\Phi_{1340}\ \Phi_{670}\ \Phi_{335}\ \Phi_{67}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
67456	1156	1740	$\frac{1}{58}$	$\frac{59}{348}$	$\frac{1}{5}$	$\frac{57}{116}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{290}\ \Phi_{145}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
67457	1156	550	$\frac{1}{55}$	$\frac{14}{275}$	$\frac{261}{550}$	$\frac{27}{55}$	$\Phi_{550}^{4}\ \Phi_{110}^{4}\ \Phi_{55}\ \Phi_{50}^{4}\ \Phi_{22}^{4}\ \Phi_{11}\ \Phi_{10}^{4}\ \Phi_{5}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
67458	1156	825	$\frac{1}{55}$	$\frac{28}{275}$	$\frac{247}{825}$	$\frac{27}{55}$	$\Phi_{825}^{2}\ \Phi_{165}^{2}\ \Phi_{75}^{2}\ \Phi_{55}\ \Phi_{33}^{2}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
67459	1156	330	$\frac{1}{55}$	$\frac{41}{330}$	$\frac{14}{55}$	$\frac{27}{55}$	$\Phi_{330}^{4}\ \Phi_{165}^{4}\ \Phi_{110}^{4}\ \Phi_{66}^{4}\ \Phi_{55}\ \Phi_{33}^{4}\ \Phi_{30}^{4}\ \Phi_{22}^{4}\ \Phi_{15}^{4}\ \Phi_{11}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
67460	1156	567	$\frac{11}{567}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{278}{567}$	$\Phi_{567}^{2}\ \Phi_{189}^{2}\ \Phi_{81}^{2}\ \Phi_{63}^{2}\ \Phi_{27}^{2}\ \Phi_{21}^{3}\ \Phi_{9}^{2}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
67461	1156	1125	$\frac{31}{1125}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{547}{1125}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{225}\ \Phi_{125}\ \Phi_{75}\ \Phi_{45}^{2}\ \Phi_{25}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
67462	1156	560	$\frac{1}{35}$	$\frac{9}{280}$	$\frac{271}{560}$	$\frac{17}{35}$	$\Phi_{560}^{4}\ \Phi_{112}^{4}\ \Phi_{80}^{4}\ \Phi_{35}\ \Phi_{16}^{4}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
67463	1156	420	$\frac{1}{35}$	$\frac{9}{140}$	$\frac{131}{420}$	$\frac{17}{35}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{4}\ \Phi_{60}^{4}\ \Phi_{42}^{4}\ \Phi_{35}\ \Phi_{30}^{4}\ \Phi_{21}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{7}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
67464	1156	315	$\frac{1}{35}$	$\frac{26}{315}$	$\frac{9}{35}$	$\frac{17}{35}$	$\Phi_{315}^{4}\ \Phi_{105}^{4}\ \Phi_{63}^{4}\ \Phi_{45}^{4}\ \Phi_{35}\ \Phi_{21}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
67465	1156	350	$\frac{1}{35}$	$\frac{9}{70}$	$\frac{61}{350}$	$\frac{17}{35}$	$\Phi_{350}^{4}\ \Phi_{175}^{4}\ \Phi_{50}^{4}\ \Phi_{35}\ \Phi_{25}^{4}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
67466	1156	33	$\frac{1}{33}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{16}{33}$	$\Phi_{33}^{35}\ \Phi_{11}^{35}\ \Phi_{3}^{35}\ \Phi_{1}^{36}$
67467	1156	198	$\frac{1}{33}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{198}^{6}\ \Phi_{99}^{6}\ \Phi_{66}^{6}\ \Phi_{33}^{4}\ \Phi_{22}^{6}\ \Phi_{18}^{8}\ \Phi_{11}^{4}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
67468	1156	66	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{16}{33}$	$\Phi_{66}^{22}\ \Phi_{33}^{12}\ \Phi_{22}^{24}\ \Phi_{11}^{13}\ \Phi_{6}^{22}\ \Phi_{3}^{12}\ \Phi_{2}^{24}\ \Phi_{1}^{14}$
67469	1156	560	$\frac{9}{280}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{271}{560}$	$\Phi_{560}^{4}\ \Phi_{112}^{4}\ \Phi_{80}^{4}\ \Phi_{16}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
67470	1156	390	$\frac{7}{195}$	$\frac{1}{15}$	$\frac{101}{390}$	$\frac{94}{195}$	$\Phi_{390}^{4}\ \Phi_{195}^{2}\ \Phi_{130}^{4}\ \Phi_{78}^{4}\ \Phi_{65}^{2}\ \Phi_{39}^{2}\ \Phi_{30}^{4}\ \Phi_{26}^{4}\ \Phi_{15}\ \Phi_{13}^{2}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
67471	1156	308	$\frac{3}{77}$	$\frac{19}{308}$	$\frac{20}{77}$	$\frac{37}{77}$	$\Phi_{308}^{4}\ \Phi_{154}^{4}\ \Phi_{77}^{3}\ \Phi_{44}^{4}\ \Phi_{28}^{4}\ \Phi_{22}^{4}\ \Phi_{14}^{4}\ \Phi_{11}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
67472	1156	414	$\frac{1}{23}$	$\frac{1}{18}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{414}^{3}\ \Phi_{207}^{3}\ \Phi_{138}^{3}\ \Phi_{69}^{3}\ \Phi_{46}^{3}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
67473	1156	378	$\frac{1}{21}$	$\frac{11}{189}$	$\frac{89}{378}$	$\frac{10}{21}$	$\Phi_{378}^{4}\ \Phi_{189}^{2}\ \Phi_{126}^{4}\ \Phi_{63}^{2}\ \Phi_{54}^{4}\ \Phi_{42}^{4}\ \Phi_{27}^{2}\ \Phi_{21}^{3}\ \Phi_{18}^{4}\ \Phi_{14}^{4}\ \Phi_{9}^{2}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
67474	1156	315	$\frac{1}{21}$	$\frac{26}{315}$	$\frac{11}{63}$	$\frac{10}{21}$	$\Phi_{315}^{4}\ \Phi_{105}^{4}\ \Phi_{63}^{2}\ \Phi_{45}^{4}\ \Phi_{35}^{4}\ \Phi_{21}^{3}\ \Phi_{15}^{4}\ \Phi_{9}^{2}\ \Phi_{7}^{3}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
67475	1156	550	$\frac{14}{275}$	$\frac{3}{55}$	$\frac{13}{55}$	$\frac{261}{550}$	$\Phi_{550}^{4}\ \Phi_{110}^{4}\ \Phi_{55}\ \Phi_{50}^{4}\ \Phi_{22}^{4}\ \Phi_{11}\ \Phi_{10}^{4}\ \Phi_{5}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
67476	1156	231	$\frac{10}{231}$	$\frac{13}{231}$	$\frac{61}{231}$	$\frac{109}{231}$	$\Phi_{231}^{5}\ \Phi_{77}^{5}\ \Phi_{33}^{5}\ \Phi_{21}^{5}\ \Phi_{11}^{5}\ \Phi_{7}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
67477	1156	579	$\frac{6}{193}$	$\frac{11}{193}$	$\frac{1}{3}$	$\frac{91}{193}$	$\Phi_{579}^{3}\ \Phi_{3}^{2}$
67478	1156	546	$\frac{1}{21}$	$\frac{16}{273}$	$\frac{5}{21}$	$\frac{257}{546}$	$\Phi_{546}^{4}\ \Phi_{182}^{4}\ \Phi_{78}^{4}\ \Phi_{42}^{4}\ \Phi_{26}^{4}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
67479	1156	1089	$\frac{1}{33}$	$\frac{67}{1089}$	$\frac{32}{99}$	$\frac{511}{1089}$	$\Phi_{1089}\ \Phi_{363}\ \Phi_{121}\ \Phi_{99}^{2}\ \Phi_{33}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
67480	1156	3360	$\frac{1}{35}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{3360}\ \Phi_{672}\ \Phi_{480}\ \Phi_{105}\ \Phi_{21}\ \Phi_{15}$
67481	1156	2144	$\frac{3}{67}$	$\frac{1}{16}$	$\frac{16}{67}$	$\frac{15}{32}$	$\Phi_{2144}\ \Phi_{67}\ \Phi_{32}^{2}\ \Phi_{1}^{2}$
67482	1156	1440	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{1440}^{2}\ \Phi_{480}^{2}\ \Phi_{160}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
67483	1156	855	$\frac{8}{285}$	$\frac{1}{15}$	$\frac{277}{855}$	$\frac{7}{15}$	$\Phi_{855}^{2}\ \Phi_{171}^{2}\ \Phi_{45}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
67484	1156	300	$\frac{11}{300}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{100}^{4}\ \Phi_{75}^{4}\ \Phi_{60}^{4}\ \Phi_{50}^{4}\ \Phi_{30}^{4}\ \Phi_{25}^{4}\ \Phi_{20}^{4}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
67485	1156	540	$\frac{1}{15}$	$\frac{19}{270}$	$\frac{7}{45}$	$\frac{251}{540}$	$\Phi_{540}^{4}\ \Phi_{180}^{4}\ \Phi_{108}^{4}\ \Phi_{60}^{4}\ \Phi_{45}^{2}\ \Phi_{36}^{4}\ \Phi_{20}^{4}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
67486	1156	63	$\frac{1}{21}$	$\frac{5}{63}$	$\frac{4}{21}$	$\frac{29}{63}$	$\Phi_{63}^{17}\ \Phi_{21}^{21}\ \Phi_{9}^{17}\ \Phi_{7}^{21}\ \Phi_{3}^{21}\ \Phi_{1}^{22}$
67487	1156	396	$\frac{1}{33}$	$\frac{8}{99}$	$\frac{107}{396}$	$\frac{91}{198}$	$\Phi_{396}^{4}\ \Phi_{132}^{4}\ \Phi_{99}^{4}\ \Phi_{44}^{4}\ \Phi_{36}^{4}\ \Phi_{33}^{3}\ \Phi_{12}^{4}\ \Phi_{11}^{3}\ \Phi_{9}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
67488	1156	429	$\frac{3}{143}$	$\frac{1}{11}$	$\frac{140}{429}$	$\frac{5}{11}$	$\Phi_{429}^{4}\ \Phi_{39}^{4}\ \Phi_{33}^{4}\ \Phi_{11}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
67489	1156	297	$\frac{8}{297}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{297}^{4}\ \Phi_{99}^{4}\ \Phi_{33}^{4}\ \Phi_{27}^{4}\ \Phi_{11}\ \Phi_{9}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
67490	1156	715	$\frac{6}{143}$	$\frac{1}{11}$	$\frac{137}{715}$	$\frac{5}{11}$	$\Phi_{715}^{2}\ \Phi_{65}^{2}\ \Phi_{55}^{2}\ \Phi_{11}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
67491	1156	308	$\frac{19}{308}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{308}^{4}\ \Phi_{154}^{4}\ \Phi_{77}^{4}\ \Phi_{44}^{4}\ \Phi_{28}^{4}\ \Phi_{14}^{4}\ \Phi_{11}\ \Phi_{7}^{4}\ \Phi_{4}^{4}\ \Phi_{1}^{2}$
67492	1156	528	$\frac{1}{33}$	$\frac{25}{264}$	$\frac{8}{33}$	$\frac{239}{528}$	$\Phi_{528}^{4}\ \Phi_{176}^{4}\ \Phi_{48}^{4}\ \Phi_{33}^{3}\ \Phi_{16}^{4}\ \Phi_{11}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
67493	1156	300	$\frac{11}{300}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{100}^{4}\ \Phi_{75}^{4}\ \Phi_{60}^{4}\ \Phi_{50}^{4}\ \Phi_{30}^{4}\ \Phi_{25}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
67494	1156	2610	$\frac{1}{29}$	$\frac{28}{261}$	$\frac{1}{5}$	$\frac{233}{522}$	$\Phi_{2610}\ \Phi_{870}\ \Phi_{290}\ \Phi_{145}\ \Phi_{90}\ \Phi_{30}\ \Phi_{10}$
67495	1156	336	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{47}{336}$	$\frac{37}{84}$	$\Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{112}^{4}\ \Phi_{56}^{4}\ \Phi_{48}^{4}\ \Phi_{42}^{4}\ \Phi_{24}^{4}\ \Phi_{21}^{3}\ \Phi_{16}^{4}\ \Phi_{14}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
67496	1156	1029	$\frac{1}{21}$	$\frac{127}{1029}$	$\frac{20}{147}$	$\frac{451}{1029}$	$\Phi_{1029}\ \Phi_{343}\ \Phi_{147}^{2}\ \Phi_{49}^{2}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
67497	1156	690	$\frac{1}{69}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{690}^{3}\ \Phi_{230}^{3}\ \Phi_{138}^{3}\ \Phi_{69}^{2}\ \Phi_{46}^{3}\ \Phi_{30}^{2}\ \Phi_{23}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
67498	1156	210	$\frac{1}{35}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{210}^{10}\ \Phi_{70}^{10}\ \Phi_{42}^{10}\ \Phi_{35}^{4}\ \Phi_{30}^{8}\ \Phi_{14}^{10}\ \Phi_{10}^{8}\ \Phi_{7}^{4}\ \Phi_{6}^{8}\ \Phi_{5}^{3}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
67499	1156	150	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{2}{15}$	$\frac{13}{30}$	$\Phi_{150}^{15}\ \Phi_{75}^{2}\ \Phi_{50}^{15}\ \Phi_{30}^{8}\ \Phi_{25}^{2}\ \Phi_{15}\ \Phi_{10}^{8}\ \Phi_{6}^{8}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
67500	1156	1015	$\frac{4}{145}$	$\frac{141}{1015}$	$\frac{1}{5}$	$\frac{437}{1015}$	$\Phi_{1015}\ \Phi_{203}\ \Phi_{145}^{2}\ \Phi_{35}\ \Phi_{29}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
67501	1156	861	$\frac{4}{287}$	$\frac{1}{7}$	$\frac{283}{861}$	$\frac{3}{7}$	$\Phi_{861}^{2}\ \Phi_{123}^{2}\ \Phi_{21}^{2}\ \Phi_{7}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
67502	1156	294	$\frac{5}{294}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{294}^{4}\ \Phi_{147}^{4}\ \Phi_{98}^{4}\ \Phi_{49}^{4}\ \Phi_{42}^{4}\ \Phi_{21}^{4}\ \Phi_{14}^{4}\ \Phi_{7}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
67503	1156	105	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{105}^{14}\ \Phi_{35}^{6}\ \Phi_{21}^{12}\ \Phi_{15}^{14}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{3}^{12}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
67504	1156	504	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{37}{252}$	$\frac{215}{504}$	$\Phi_{504}^{4}\ \Phi_{168}^{4}\ \Phi_{72}^{4}\ \Phi_{56}^{4}\ \Phi_{42}^{4}\ \Phi_{24}^{4}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
67505	1156	315	$\frac{1}{15}$	$\frac{26}{315}$	$\frac{7}{45}$	$\frac{19}{45}$	$\Phi_{315}^{4}\ \Phi_{105}^{4}\ \Phi_{63}^{4}\ \Phi_{45}^{2}\ \Phi_{35}^{4}\ \Phi_{21}^{4}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{7}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
67506	1156	552	$\frac{1}{69}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{552}^{3}\ \Phi_{184}^{3}\ \Phi_{138}^{3}\ \Phi_{69}^{2}\ \Phi_{46}^{3}\ \Phi_{24}^{2}\ \Phi_{23}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
67507	1156	495	$\frac{1}{33}$	$\frac{16}{99}$	$\frac{83}{495}$	$\frac{206}{495}$	$\Phi_{495}^{2}\ \Phi_{165}^{2}\ \Phi_{99}^{4}\ \Phi_{55}^{2}\ \Phi_{45}^{2}\ \Phi_{33}^{3}\ \Phi_{15}^{2}\ \Phi_{11}^{3}\ \Phi_{9}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
67508	1156	975	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{181}{975}$	$\frac{397}{975}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{195}^{2}\ \Phi_{75}\ \Phi_{65}^{2}\ \Phi_{39}^{2}\ \Phi_{25}\ \Phi_{15}\ \Phi_{13}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
67509	1156	345	$\frac{3}{115}$	$\frac{56}{345}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{345}^{4}\ \Phi_{115}^{2}\ \Phi_{69}^{4}\ \Phi_{23}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
67510	1156	140	$\frac{1}{35}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{140}^{10}\ \Phi_{70}^{10}\ \Phi_{35}^{4}\ \Phi_{28}^{10}\ \Phi_{20}^{8}\ \Phi_{14}^{10}\ \Phi_{10}^{8}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
67511	1156	300	$\frac{11}{300}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{100}^{4}\ \Phi_{75}^{4}\ \Phi_{60}^{4}\ \Phi_{50}^{4}\ \Phi_{30}^{4}\ \Phi_{25}^{2}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
67512	1156	140	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{140}^{14}\ \Phi_{35}^{6}\ \Phi_{28}^{12}\ \Phi_{20}^{14}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{4}^{12}\ \Phi_{1}^{6}$
67513	1156	945	$\frac{1}{105}$	$\frac{211}{945}$	$\frac{104}{315}$	$\frac{367}{945}$	$\Phi_{945}\ \Phi_{315}^{2}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
67514	1156	55	$\frac{3}{55}$	$\frac{4}{55}$	$\frac{13}{55}$	$\frac{21}{55}$	$\Phi_{55}^{21}\ \Phi_{11}^{21}\ \Phi_{5}^{21}\ \Phi_{1}^{22}$
67515	1156	330	$\frac{1}{33}$	$\frac{41}{330}$	$\frac{8}{33}$	$\frac{25}{66}$	$\Phi_{330}^{4}\ \Phi_{165}^{4}\ \Phi_{110}^{4}\ \Phi_{55}^{4}\ \Phi_{33}^{3}\ \Phi_{30}^{4}\ \Phi_{15}^{4}\ \Phi_{11}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
67516	1156	2320	$\frac{1}{58}$	$\frac{1}{5}$	$\frac{57}{232}$	$\frac{175}{464}$	$\Phi_{2320}\ \Phi_{290}\ \Phi_{145}\ \Phi_{80}\ \Phi_{10}$
67517	1156	420	$\frac{1}{105}$	$\frac{26}{105}$	$\frac{131}{420}$	$\frac{79}{210}$	$\Phi_{420}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{3}\ \Phi_{84}^{4}\ \Phi_{60}^{4}\ \Phi_{35}^{3}\ \Phi_{28}^{4}\ \Phi_{21}^{3}\ \Phi_{20}^{4}\ \Phi_{15}^{3}\ \Phi_{12}^{4}\ \Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
67518	1156	462	$\frac{1}{77}$	$\frac{19}{77}$	$\frac{58}{231}$	$\frac{173}{462}$	$\Phi_{462}^{4}\ \Phi_{154}^{4}\ \Phi_{77}^{3}\ \Phi_{66}^{4}\ \Phi_{42}^{4}\ \Phi_{22}^{4}\ \Phi_{14}^{4}\ \Phi_{11}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
67519	1156	891	$\frac{1}{33}$	$\frac{32}{297}$	$\frac{265}{891}$	$\frac{313}{891}$	$\Phi_{891}\ \Phi_{297}^{2}\ \Phi_{99}^{2}\ \Phi_{81}\ \Phi_{33}\ \Phi_{27}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
67520	1156	441	$\frac{1}{21}$	$\frac{10}{147}$	$\frac{137}{441}$	$\frac{152}{441}$	$\Phi_{441}^{2}\ \Phi_{147}^{4}\ \Phi_{63}^{2}\ \Phi_{49}^{4}\ \Phi_{21}^{3}\ \Phi_{9}^{2}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
67521	1156	435	$\frac{2}{145}$	$\frac{1}{5}$	$\frac{143}{435}$	$\frac{146}{435}$	$\Phi_{435}^{2}\ \Phi_{145}^{4}\ \Phi_{87}^{2}\ \Phi_{29}^{4}\ \Phi_{15}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
67522	1156	291	$\frac{2}{291}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{291}^{4}\ \Phi_{97}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
67523	1156	432	$\frac{1}{144}$	$\frac{143}{432}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{432}^{4}\ \Phi_{216}^{4}\ \Phi_{108}^{4}\ \Phi_{54}^{4}\ \Phi_{27}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
67524	1156	876	$\frac{3}{292}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{876}\ \Phi_{438}\ \Phi_{292}^{2}\ \Phi_{219}\ \Phi_{146}^{2}\ \Phi_{73}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
67525	1156	384	$\frac{1}{96}$	$\frac{95}{384}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{384}^{4}\ \Phi_{192}^{4}\ \Phi_{128}^{4}\ \Phi_{64}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
67526	1156	585	$\frac{7}{585}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{585}^{2}\ \Phi_{195}^{2}\ \Phi_{117}^{2}\ \Phi_{65}^{2}\ \Phi_{45}^{2}\ \Phi_{39}^{2}\ \Phi_{15}^{2}\ \Phi_{13}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
67527	1156	360	$\frac{1}{72}$	$\frac{71}{360}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{4}\ \Phi_{90}^{4}\ \Phi_{60}^{4}\ \Phi_{45}^{4}\ \Phi_{40}^{4}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
67528	1156	294	$\frac{5}{294}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{294}^{4}\ \Phi_{147}^{4}\ \Phi_{98}^{4}\ \Phi_{49}^{4}\ \Phi_{42}^{4}\ \Phi_{21}^{4}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
67529	1156	336	$\frac{1}{48}$	$\frac{47}{336}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{112}^{4}\ \Phi_{84}^{4}\ \Phi_{56}^{4}\ \Phi_{42}^{4}\ \Phi_{28}^{4}\ \Phi_{21}^{4}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
67530	1156	888	$\frac{7}{296}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{888}\ \Phi_{444}\ \Phi_{296}^{2}\ \Phi_{222}\ \Phi_{148}^{2}\ \Phi_{111}\ \Phi_{74}^{2}\ \Phi_{37}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
67531	1156	297	$\frac{8}{297}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{297}^{4}\ \Phi_{99}^{4}\ \Phi_{33}^{4}\ \Phi_{27}^{4}\ \Phi_{11}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
67532	1156	324	$\frac{1}{36}$	$\frac{35}{324}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{324}^{4}\ \Phi_{162}^{4}\ \Phi_{108}^{4}\ \Phi_{81}^{4}\ \Phi_{54}^{4}\ \Phi_{27}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
67533	1156	960	$\frac{1}{32}$	$\frac{31}{320}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}^{2}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}^{2}\ \Phi_{120}\ \Phi_{80}^{2}\ \Phi_{64}^{2}\ \Phi_{60}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
67534	1156	300	$\frac{11}{300}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{100}^{4}\ \Phi_{75}^{4}\ \Phi_{60}^{4}\ \Phi_{50}^{4}\ \Phi_{30}^{4}\ \Phi_{25}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
67535	1156	312	$\frac{1}{24}$	$\frac{23}{312}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{312}^{4}\ \Phi_{156}^{4}\ \Phi_{104}^{4}\ \Phi_{78}^{4}\ \Phi_{52}^{4}\ \Phi_{39}^{4}\ \Phi_{26}^{4}\ \Phi_{13}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
67536	1156	912	$\frac{15}{304}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}^{2}\ \Phi_{228}\ \Phi_{152}^{2}\ \Phi_{114}\ \Phi_{76}^{2}\ \Phi_{57}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
67537	1156	18	$\frac{1}{18}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{18}^{64}\ \Phi_{9}^{64}\ \Phi_{6}^{64}\ \Phi_{3}^{65}\ \Phi_{2}^{64}\ \Phi_{1}^{66}$
67538	1156	198	$\frac{1}{18}$	$\frac{2}{33}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{198}^{6}\ \Phi_{99}^{5}\ \Phi_{66}^{6}\ \Phi_{33}^{6}\ \Phi_{22}^{6}\ \Phi_{18}^{8}\ \Phi_{11}^{6}\ \Phi_{9}^{7}\ \Phi_{6}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
67539	1156	840	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2$
67540	1156	420	$\frac{1}{35}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{105}^5\ \Phi_{84}^4\ \Phi_{60}^3\ \Phi_{42}^4\ \Phi_{30}^3\ \Phi_{21}^5\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4$
67541	1156	198	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{198}^6\ \Phi_{99}^6\ \Phi_{66}^4\ \Phi_{33}^5\ \Phi_{22}^6\ \Phi_{18}^8\ \Phi_{11}^6\ \Phi_9^8\ \Phi_6^6\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
67542	1156	1740	$\frac{1}{29}$	$\frac{59}{348}$	$\frac{1}{5}$	$\frac{28}{87}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{290}\ \Phi_{145}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
67543	1156	198	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{31}{99}$	$\Phi_{198}^{11}\ \Phi_{99}^6\ \Phi_{22}^2\ \Phi_{18}^{11}\ \Phi_{11}\ \Phi_9^6\ \Phi_2^2\ \Phi_1^2$
67544	1156	420	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{131}{420}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
67545	1156	675	$\frac{1}{15}$	$\frac{31}{225}$	$\frac{97}{675}$	$\frac{14}{45}$	$\Phi_{675}^2\ \Phi_{225}\ \Phi_{135}^2\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{25}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
67546	1156	378	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{89}{378}$	$\frac{37}{126}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{54}^4\ \Phi_{42}^4\ \Phi_{27}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
67547	1156	1608	$\frac{3}{67}$	$\frac{1}{8}$	$\frac{16}{67}$	$\frac{7}{24}$	$\Phi_{1608}\ \Phi_{804}\ \Phi_{402}\ \Phi_{201}\ \Phi_{67}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
67548	1156	360	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^3\ \Phi_{90}^5\ \Phi_{60}^3\ \Phi_{45}^5\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{10}^5\ \Phi_5^4$
67549	1156	405	$\frac{1}{15}$	$\frac{19}{135}$	$\frac{7}{45}$	$\frac{116}{405}$	$\Phi_{405}^4\ \Phi_{81}^4\ \Phi_{45}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
67550	1156	675	$\frac{1}{15}$	$\frac{97}{675}$	$\frac{7}{45}$	$\frac{38}{135}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
67551	1156	396	$\frac{1}{33}$	$\frac{25}{132}$	$\frac{8}{33}$	$\frac{107}{396}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{99}^4\ \Phi_{36}^4\ \Phi_{33}^3\ \Phi_{18}^4\ \Phi_{11}^3\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
67552	1156	315	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{315}^5\ \Phi_{63}^5\ \Phi_{45}^4\ \Phi_{35}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
67553	1156	300	$\frac{11}{300}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^4\ \Phi_{60}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
67554	1156	330	$\frac{3}{55}$	$\frac{41}{330}$	$\frac{13}{55}$	$\frac{14}{55}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{55}\ \Phi_{33}^4\ \Phi_{30}^4\ \Phi_{22}^4\ \Phi_{15}^4\ \Phi_{11}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^2$
67555	1156	385	$\frac{9}{385}$	$\frac{94}{385}$	$\frac{96}{385}$	$\frac{97}{385}$	$\Phi_{385}^3\ \Phi_{77}^3\ \Phi_{55}^3\ \Phi_{35}^3\ \Phi_{11}^3\ \Phi_7^3\ \Phi_5^3\ \Phi_1^4$
67556	1156	1340	$\frac{3}{67}$	$\frac{3}{20}$	$\frac{16}{67}$	$\frac{1}{4}$	$\Phi_{1340}\ \Phi_{670}\ \Phi_{335}\ \Phi_{67}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
67557	1156	304	$\frac{15}{304}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{304}^4\ \Phi_{152}^4\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{19}^4\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^2\ \Phi_2^2\ \Phi_1^4$
67558	1156	180	$\frac{1}{18}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^6\ \Phi_{90}^7\ \Phi_{60}^6\ \Phi_{45}^7\ \Phi_{36}^8\ \Phi_{30}^7\ \Phi_{20}^3\ \Phi_{18}^8\ \Phi_{15}^7\ \Phi_{12}^8\ \Phi_{10}^4\ \Phi_9^8\ \Phi_6^8\ \Phi_5^3\ \Phi_4^4\ \Phi_3^8\ \Phi_2^4\ \Phi_1^4$
67559	1156	380	$\frac{4}{95}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{91}{380}$	$\Phi_{380}^4\ \Phi_{190}^4\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
67560	1156	21	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{4}{21}$	$\frac{5}{21}$	$\Phi_{21}^{55}\ \Phi_7^{55}\ \Phi_3^{55}\ \Phi_1^{56}$
67561	1156	22	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{5}{22}$	$\Phi_{22}^{48}\ \Phi_{11}^{57}\ \Phi_2^{48}\ \Phi_1^{58}$
67562	1156	154	$\frac{1}{11}$	$\frac{9}{77}$	$\frac{2}{11}$	$\frac{5}{22}$	$\Phi_{154}^{11}\ \Phi_{77}^6\ \Phi_{22}^2\ \Phi_{14}^{11}\ \Phi_{11}\ \Phi_7^6\ \Phi_2^2\ \Phi_1^2$
67563	1156	320	$\frac{31}{320}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{40}$	$\Phi_{320}^4\ \Phi_{160}^4\ \Phi_{80}^4\ \Phi_{64}^4\ \Phi_{32}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
67564	1156	360	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{71}{360}$	$\frac{19}{90}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{45}^2\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
67565	1156	350	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{350}$	$\frac{1}{5}$	$\Phi_{350}^4\ \Phi_{175}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
67566	1157	2304	$\frac{5}{1152}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1147}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_8\ \Phi_1$
67567	1157	528	$\frac{1}{88}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{87}{176}$	$\Phi_{528}^4\ \Phi_{176}^5\ \Phi_{48}^4\ \Phi_{24}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
67568	1157	2640	$\frac{1}{88}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{87}{176}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{240}\ \Phi_{176}\ \Phi_{80}\ \Phi_{16}\ \Phi_{15}\ \Phi_5\ \Phi_1$
67569	1157	1584	$\frac{1}{88}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{87}{176}$	$\Phi_{1584}^2\ \Phi_{176}\ \Phi_{144}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
67570	1157	176	$\frac{1}{88}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{87}{176}$	$\Phi_{176}^5\ \Phi_{88}^8\ \Phi_{44}^8\ \Phi_{22}^8\ \Phi_{16}^6\ \Phi_{11}^8\ \Phi_8^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
67571	1157	1392	$\frac{3}{232}$	$\frac{235}{1392}$	$\frac{1}{4}$	$\frac{229}{464}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}\ \Phi_{48}\ \Phi_{29}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
67572	1157	2176	$\frac{1}{68}$	$\frac{69}{1088}$	$\frac{1019}{2176}$	$\frac{67}{136}$	$\Phi_{2176}\ \Phi_{136}\ \Phi_{128}\ \Phi_8\ \Phi_1$
67573	1157	1632	$\frac{1}{68}$	$\frac{69}{544}$	$\frac{475}{1632}$	$\frac{67}{136}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{96}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
67574	1157	1360	$\frac{1}{68}$	$\frac{203}{1360}$	$\frac{69}{272}$	$\frac{67}{136}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
67575	1157	2280	$\frac{17}{1140}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1123}{2280}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{152}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
67576	1157	1218	$\frac{2}{87}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{406}\ \Phi_{203}\ \Phi_{87}\ \Phi_{42}^2\ \Phi_{29}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
67577	1157	2244	$\frac{35}{1122}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1087}{2244}$	$\Phi_{2244}\ \Phi_{748}\ \Phi_{204}\ \Phi_{132}\ \Phi_{68}\ \Phi_{51}\ \Phi_{44}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
67578	1157	2240	$\frac{37}{1120}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1083}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
67579	1157	840	$\frac{1}{30}$	$\frac{1}{14}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
67580	1157	1564	$\frac{16}{391}$	$\frac{1}{17}$	$\frac{407}{1564}$	$\frac{375}{782}$	$\Phi_{1564}\ \Phi_{391}\ \Phi_{92}\ \Phi_{68}\ \Phi_{23}\ \Phi_4\ \Phi_1$
67581	1157	1190	$\frac{4}{85}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{81}{170}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{238}\ \Phi_{119}\ \Phi_{85}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{17}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
67582	1157	756	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}\ \Phi_{63}^2\ \Phi_{54}\ \Phi_{42}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
67583	1157	168	$\frac{5}{84}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{79}{168}$	$\Phi_{168}^{13}\ \Phi_{56}^{13}\ \Phi_{42}^2\ \Phi_{24}^{13}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_8^{13}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
67584	1157	1200	$\frac{43}{1200}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
67585	1157	264	$\frac{1}{44}$	$\frac{1}{12}$	$\frac{43}{132}$	$\frac{11}{24}$	$\Phi_{264}^8\ \Phi_{132}\ \Phi_{88}^8\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}^9\ \Phi_{12}\ \Phi_8^9\ \Phi_6\ \Phi_3\ \Phi_1$
67586	1157	552	$\frac{3}{92}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{552}^4\ \Phi_{184}^4\ \Phi_{92}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_8\ \Phi_1$
67587	1157	1320	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{21}{110}$	$\frac{11}{24}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{120}^2\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
67588	1157	96	$\frac{7}{96}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{96}^{13}\ \Phi_{48}^{13}\ \Phi_{32}^{13}\ \Phi_{24}^{10}\ \Phi_{16}^{13}\ \Phi_{12}^9\ \Phi_8^9\ \Phi_6^9\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
67589	1157	792	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{11}{24}$	$\Phi_{792}^3\ \Phi_{264}^2\ \Phi_{99}\ \Phi_{88}^2\ \Phi_{72}^3\ \Phi_{33}\ \Phi_{24}^3\ \Phi_9\ \Phi_8^3\ \Phi_3\ \Phi_1$
67590	1157	1134	$\frac{1}{14}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{162}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{126}^2\ \Phi_{81}\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
67591	1157	700	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{9}{20}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{100}\ \Phi_{70}^2\ \Phi_{50}\ \Phi_{35}^2\ \Phi_{25}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
67592	1157	2088	$\frac{3}{116}$	$\frac{113}{1044}$	$\frac{1}{4}$	$\frac{931}{2088}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{232}\ \Phi_{116}\ \Phi_{72}\ \Phi_{58}\ \Phi_{29}\ \Phi_{24}\ \Phi_8\ \Phi_1$
67593	1157	1120	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{160}$	$\Phi_{1120}^2\ \Phi_{224}^2\ \Phi_{160}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{32}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
67594	1157	2040	$\frac{1}{68}$	$\frac{137}{1020}$	$\frac{67}{204}$	$\frac{883}{2040}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}\ \Phi_{102}\ \Phi_{51}\ \Phi_{40}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
67595	1157	2040	$\frac{1}{34}$	$\frac{137}{1020}$	$\frac{33}{170}$	$\frac{883}{2040}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{170}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{40}\ \Phi_{24}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
67596	1157	1428	$\frac{1}{34}$	$\frac{33}{238}$	$\frac{271}{1428}$	$\frac{205}{476}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{204}\ \Phi_{119}\ \Phi_{102}\ \Phi_{84}\ \Phi_{51}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
67597	1157	1632	$\frac{1}{68}$	$\frac{67}{408}$	$\frac{475}{1632}$	$\frac{341}{816}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{96}\ \Phi_{51}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
67598	1157	672	$\frac{1}{14}$	$\frac{7}{96}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
67599	1157	1050	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{14}{75}$	$\frac{61}{150}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{210}^2\ \Phi_{175}\ \Phi_{105}^2\ \Phi_{75}\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{25}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
67600	1157	1360	$\frac{1}{34}$	$\frac{203}{1360}$	$\frac{33}{170}$	$\frac{137}{340}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{272}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
67601	1157	1904	$\frac{1}{34}$	$\frac{33}{238}$	$\frac{205}{952}$	$\frac{747}{1904}$	$\Phi_{1904}\ \Phi_{272}\ \Phi_{238}\ \Phi_{119}\ \Phi_{112}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
67602	1157	1008	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{17}{72}$	$\frac{55}{144}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{144}\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{63}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
67603	1157	1856	$\frac{3}{232}$	$\frac{229}{928}$	$\frac{1}{4}$	$\frac{699}{1856}$	$\Phi_{1856}\ \Phi_{232}\ \Phi_{116}\ \Phi_{64}\ \Phi_{58}\ \Phi_{29}\ \Phi_8\ \Phi_1$
67604	1157	1728	$\frac{5}{576}$	$\frac{1}{4}$	$\frac{571}{1728}$	$\frac{3}{8}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_8\ \Phi_1$
67605	1157	1168	$\frac{11}{1168}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1168}\ \Phi_{584}\ \Phi_{292}\ \Phi_{146}\ \Phi_{73}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
67606	1157	1536	$\frac{5}{384}$	$\frac{379}{1536}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_8\ \Phi_1$
67607	1157	1176	$\frac{19}{1176}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{168}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{56}\ \Phi_{49}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
67608	1157	1440	$\frac{5}{288}$	$\frac{283}{1440}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
67609	1157	1184	$\frac{27}{1184}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1184}\ \Phi_{592}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}\ \Phi_{37}\ \Phi_8\ \Phi_1$
67610	1157	1344	$\frac{5}{192}$	$\frac{187}{1344}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
67611	1157	1296	$\frac{5}{144}$	$\frac{139}{1296}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_8\ \Phi_1$
67612	1157	1200	$\frac{43}{1200}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
67613	1157	1280	$\frac{5}{128}$	$\frac{123}{1280}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
67614	1157	1216	$\frac{59}{1216}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_8\ \Phi_1$
67615	1157	96	$\frac{5}{96}$	$\frac{7}{96}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{96}^{12}\ \Phi_{48}^{12}\ \Phi_{32}^{12}\ \Phi_{24}^{12}\ \Phi_{16}^{12}\ \Phi_{12}^{12}\ \Phi_8^{13}\ \Phi_6^{12}\ \Phi_4^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
67616	1157	1224	$\frac{67}{1224}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_8\ \Phi_1$
67617	1157	1224	$\frac{67}{1224}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
67618	1157	660	$\frac{1}{44}$	$\frac{2}{15}$	$\frac{43}{132}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^3\ \Phi_3\ \Phi_1$
67619	1157	1380	$\frac{3}{92}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_{15}\ \Phi_5\ \Phi_1$
67620	1157	330	$\frac{1}{22}$	$\frac{2}{15}$	$\frac{21}{110}$	$\frac{1}{3}$	$\Phi_{330}^3\ \Phi_{165}^3\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{55}^4\ \Phi_{33}^4\ \Phi_{30}^3\ \Phi_{22}^4\ \Phi_{15}^4\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
67621	1157	480	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{80}^3\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}^3\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^3\ \Phi_3\ \Phi_1$
67622	1157	495	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{495}^3\ \Phi_{165}^2\ \Phi_{99}\ \Phi_{55}^2\ \Phi_{45}^3\ \Phi_{33}\ \Phi_{15}^3\ \Phi_9\ \Phi_5^3\ \Phi_3\ \Phi_1$
67623	1157	396	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{43}{132}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}\ \Phi_{99}^4\ \Phi_{66}\ \Phi_{36}^4\ \Phi_{33}\ \Phi_{18}^5\ \Phi_{12}\ \Phi_9^5\ \Phi_6\ \Phi_3\ \Phi_1$
67624	1157	528	$\frac{1}{44}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{43}{132}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}^4\ \Phi_{33}\ \Phi_{24}^4\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
67625	1157	1392	$\frac{3}{116}$	$\frac{235}{1392}$	$\frac{1}{4}$	$\frac{113}{348}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{48}\ \Phi_{29}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
67626	1157	1683	$\frac{1}{17}$	$\frac{35}{561}$	$\frac{526}{1683}$	$\frac{16}{51}$	$\Phi_{1683}\ \Phi_{153}\ \Phi_{99}\ \Phi_{51}\ \Phi_9\ \Phi_3\ \Phi_1$
67627	1157	1680	$\frac{37}{560}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{523}{1680}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
67628	1157	756	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{756}^2\ \Phi_{378}\ \Phi_{252}^2\ \Phi_{189}\ \Phi_{126}^2\ \Phi_{108}\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
67629	1157	126	$\frac{1}{14}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{126}$	$\Phi_{126}^{13}\ \Phi_{63}^{13}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^{13}\ \Phi_{14}\ \Phi_9^{13}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
67630	1157	1200	$\frac{43}{1200}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
67631	1157	828	$\frac{3}{92}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{207}^2\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_{18}\ \Phi_9\ \Phi_1$
67632	1157	990	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{21}{110}$	$\frac{5}{18}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{110}\ \Phi_{90}^2\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
67633	1157	288	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{288}^6\ \Phi_{144}^6\ \Phi_{96}\ \Phi_{72}^4\ \Phi_{48}\ \Phi_{36}^4\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}^5\ \Phi_{16}\ \Phi_{12}\ \Phi_9^5\ \Phi_6\ \Phi_3\ \Phi_1$
67634	1157	198	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{198}^5\ \Phi_{99}^6\ \Phi_{66}^6\ \Phi_{33}^7\ \Phi_{22}^6\ \Phi_{18}^6\ \Phi_{11}^6\ \Phi_9^7\ \Phi_6^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
67635	1157	1530	$\frac{1}{34}$	$\frac{33}{170}$	$\frac{373}{1530}$	$\frac{137}{510}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{306}\ \Phi_{170}\ \Phi_{153}\ \Phi_{90}\ \Phi_{85}\ \Phi_{45}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
67636	1157	840	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
67637	1157	368	$\frac{3}{92}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{368}^4\ \Phi_{184}^4\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_8\ \Phi_1$
67638	1157	1520	$\frac{17}{380}$	$\frac{3}{20}$	$\frac{363}{1520}$	$\frac{1}{4}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{304}\ \Phi_{152}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
67639	1157	116	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{27}{116}$	$\frac{1}{4}$	$\Phi_{116}^9\ \Phi_{58}^9\ \Phi_{29}^{13}\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{13}$
67640	1157	1280	$\frac{3}{40}$	$\frac{123}{1280}$	$\frac{37}{160}$	$\frac{1}{4}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
67641	1157	880	$\frac{1}{22}$	$\frac{3}{16}$	$\frac{21}{110}$	$\frac{1}{4}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{110}\ \Phi_{80}^2\ \Phi_{55}\ \Phi_{40}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
67642	1157	96	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{96}^{13}\ \Phi_{48}^{13}\ \Phi_{32}^{13}\ \Phi_{24}^{13}\ \Phi_{16}^6\ \Phi_{12}^{13}\ \Phi_8^9\ \Phi_6^{13}\ \Phi_4^8\ \Phi_3^{13}\ \Phi_2^8\ \Phi_1^9$
67643	1157	1584	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{144}\ \Phi_{99}\ \Phi_{72}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
67644	1157	1400	$\frac{3}{40}$	$\frac{37}{280}$	$\frac{243}{1400}$	$\frac{1}{4}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{200}\ \Phi_{175}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
67645	1158	1920	$\frac{1}{192}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{191}{384}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}^2\ \Phi_{128}^2\ \Phi_5\ \Phi_1^2$
67646	1158	384	$\frac{1}{192}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{191}{384}$	$\Phi_{384}^6\ \Phi_{128}^6\ \Phi_{12}\ \Phi_6$
67647	1158	3450	$\frac{4}{575}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{571}{1150}$	$\Phi_{3450}\ \Phi_{690}\ \Phi_{150}\ \Phi_{138}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
67648	1158	516	$\frac{1}{129}$	$\frac{1}{4}$	$\frac{65}{258}$	$\frac{64}{129}$	$\Phi_{516}^3\ \Phi_{258}\ \Phi_{172}^3\ \Phi_{129}^2\ \Phi_{86}\ \Phi_{43}^2\ \Phi_{12}^3\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
67649	1158	696	$\frac{1}{116}$	$\frac{39}{232}$	$\frac{1}{3}$	$\frac{115}{232}$	$\Phi_{696}^2\ \Phi_{348}^3\ \Phi_{174}^3\ \Phi_{87}^3\ \Phi_{24}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
67650	1158	356	$\frac{1}{89}$	$\frac{15}{178}$	$\frac{163}{356}$	$\frac{44}{89}$	$\Phi_{356}^6\ \Phi_{89}\ \Phi_4^6\ \Phi_1^2$
67651	1158	267	$\frac{1}{89}$	$\frac{15}{89}$	$\frac{74}{267}$	$\frac{44}{89}$	$\Phi_{267}^6\ \Phi_{89}\ \Phi_3^6\ \Phi_1^2$
67652	1158	712	$\frac{1}{89}$	$\frac{133}{712}$	$\frac{45}{178}$	$\frac{44}{89}$	$\Phi_{712}^2\ \Phi_{356}^2\ \Phi_{89}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
67653	1158	1144	$\frac{7}{572}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{565}{1144}$	$\Phi_{1144}^2\ \Phi_{104}^2\ \Phi_{88}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
67654	1158	1140	$\frac{3}{190}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{187}{380}$	$\Phi_{1140}^3\ \Phi_{228}^3\ \Phi_{60}^3\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^3\ \Phi_6$
67655	1158	756	$\frac{4}{189}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{185}{378}$	$\Phi_{756}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{12}^3\ \Phi_9^2\ \Phi_7^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
67656	1158	860	$\frac{1}{43}$	$\frac{22}{215}$	$\frac{1}{4}$	$\frac{21}{43}$	$\Phi_{860}^2\ \Phi_{430}^2\ \Phi_{172}\ \Phi_{86}\ \Phi_{20}^2\ \Phi_{10}^2$
67657	1158	377	$\frac{9}{377}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{184}{377}$	$\Phi_{377}^3\ \Phi_{29}^3\ \Phi_{13}^5\ \Phi_1^6$
67658	1158	260	$\frac{2}{65}$	$\frac{1}{13}$	$\frac{67}{260}$	$\frac{63}{130}$	$\Phi_{260}^6\ \Phi_{65}^6\ \Phi_{52}^6\ \Phi_{20}^6\ \Phi_{13}^5\ \Phi_5^6\ \Phi_4^6\ \Phi_1^6$
67659	1158	3360	$\frac{19}{560}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{541}{1120}$	$\Phi_{3360}\ \Phi_{672}\ \Phi_{480}\ \Phi_{96}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
67660	1158	1105	$\frac{53}{1105}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{526}{1105}$	$\Phi_{1105}\ \Phi_{221}\ \Phi_{85}\ \Phi_{65}^2\ \Phi_{17}\ \Phi_{13}\ \Phi_5^2\ \Phi_1^2$
67661	1158	600	$\frac{7}{200}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{150}^3\ \Phi_{120}^2\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
67662	1158	3306	$\frac{1}{29}$	$\frac{28}{551}$	$\frac{1}{3}$	$\frac{523}{1102}$	$\Phi_{3306}\ \Phi_{174}\ \Phi_{114}\ \Phi_{87}\ \Phi_6$
67663	1158	234	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{41}{234}$	$\frac{37}{78}$	$\Phi_{234}^6\ \Phi_{117}^6\ \Phi_{39}^6\ \Phi_{18}^6\ \Phi_{13}^5\ \Phi_9^6\ \Phi_3^6\ \Phi_1^6$
67664	1158	364	$\frac{11}{182}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{171}{364}$	$\Phi_{364}^6\ \Phi_{52}^6\ \Phi_{28}^6\ \Phi_{13}^5\ \Phi_4^6\ \Phi_1^6$
67665	1158	286	$\frac{7}{286}$	$\frac{1}{13}$	$\frac{93}{286}$	$\frac{6}{13}$	$\Phi_{286}^4\ \Phi_{143}^4\ \Phi_{26}^4\ \Phi_{22}^4\ \Phi_{13}^5\ \Phi_{11}^4\ \Phi_2^4\ \Phi_1^6$
67666	1158	598	$\frac{19}{598}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{598}^2\ \Phi_{299}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{13}\ \Phi_1^2$
67667	1158	715	$\frac{7}{143}$	$\frac{1}{13}$	$\frac{136}{715}$	$\frac{6}{13}$	$\Phi_{715}^2\ \Phi_{65}^2\ \Phi_{55}^2\ \Phi_{13}\ \Phi_5^2\ \Phi_1^2$
67668	1158	208	$\frac{15}{208}$	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{6}{13}$	$\Phi_{208}^6\ \Phi_{104}^6\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{16}^6\ \Phi_{13}^5\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
67669	1158	356	$\frac{2}{89}$	$\frac{15}{178}$	$\frac{29}{89}$	$\frac{163}{356}$	$\Phi_{356}^6\ \Phi_{89}\ \Phi_4^6\ \Phi_1^2$
67670	1158	650	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{71}{650}$	$\frac{59}{130}$	$\Phi_{650}^2\ \Phi_{325}^2\ \Phi_{65}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{13}\ \Phi_5^2\ \Phi_1^2$
67671	1158	351	$\frac{1}{13}$	$\frac{35}{351}$	$\frac{4}{39}$	$\frac{158}{351}$	$\Phi_{351}^3\ \Phi_{117}^3\ \Phi_{39}^6\ \Phi_{27}^3\ \Phi_{13}^5\ \Phi_9^3\ \Phi_3^6\ \Phi_1^6$
67672	1158	348	$\frac{1}{58}$	$\frac{19}{174}$	$\frac{1}{3}$	$\frac{155}{348}$	$\Phi_{348}^6\ \Phi_{174}\ \Phi_{116}^6\ \Phi_{87}\ \Phi_{12}^6\ \Phi_6\ \Phi_4^6$
67673	1158	396	$\frac{5}{198}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{396}^4\ \Phi_{198}^2\ \Phi_{132}^4\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{44}^4\ \Phi_{36}^3\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
67674	1158	1040	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{59}{520}$	$\frac{461}{1040}$	$\Phi_{1040}^2\ \Phi_{208}^2\ \Phi_{80}^2\ \Phi_{65}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_5^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
67675	1158	344	$\frac{1}{43}$	$\frac{21}{172}$	$\frac{1}{4}$	$\frac{151}{344}$	$\Phi_{344}^6\ \Phi_{172}\ \Phi_{86}\ \Phi_8^6$
67676	1158	208	$\frac{15}{208}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{26}$	$\Phi_{208}^6\ \Phi_{104}^6\ \Phi_{52}^6\ \Phi_{16}^6\ \Phi_{13}^5\ \Phi_8^6\ \Phi_4^6\ \Phi_1^6$
67677	1158	325	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{61}{325}$	$\frac{132}{325}$	$\Phi_{325}^3\ \Phi_{65}^6\ \Phi_{25}^3\ \Phi_{13}^5\ \Phi_5^6\ \Phi_1^6$
67678	1158	195	$\frac{2}{195}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{195}^6\ \Phi_{65}^6\ \Phi_{39}^6\ \Phi_{15}^5\ \Phi_{13}^6\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
67679	1158	1440	$\frac{1}{96}$	$\frac{1}{5}$	$\frac{95}{288}$	$\frac{2}{5}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}^2\ \Phi_{180}\ \Phi_{144}^2\ \Phi_{90}\ \Phi_{72}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
67680	1158	980	$\frac{3}{196}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{196}^2\ \Phi_{140}\ \Phi_{98}^2\ \Phi_{70}\ \Phi_{49}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
67681	1158	1280	$\frac{1}{64}$	$\frac{1}{5}$	$\frac{63}{256}$	$\frac{2}{5}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{256}^2\ \Phi_{128}^2\ \Phi_5\ \Phi_1^2$
67682	1158	240	$\frac{1}{48}$	$\frac{47}{240}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{60}^5\ \Phi_{48}^4\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^4\ \Phi_{20}^5\ \Phi_{16}^4\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_5^6\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^6$
67683	1158	990	$\frac{5}{198}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}^2\ \Phi_{90}\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
67684	1158	1120	$\frac{1}{32}$	$\frac{31}{224}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}^2\ \Phi_{140}\ \Phi_{112}^2\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
67685	1158	200	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{200}^6\ \Phi_{100}^6\ \Phi_{50}^6\ \Phi_{40}^5\ \Phi_{25}^6\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_8^4\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
67686	1158	1080	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}^2\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}^2\ \Phi_{90}\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
67687	1158	1020	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}^2\ \Phi_{170}\ \Phi_{102}^2\ \Phi_{85}\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_5\ \Phi_1^2$
67688	1158	1040	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}^2\ \Phi_{130}\ \Phi_{104}^2\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_5\ \Phi_1^2$
67689	1158	195	$\frac{2}{195}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{195}^6\ \Phi_{65}^6\ \Phi_{39}^6\ \Phi_{15}^6\ \Phi_{13}^5\ \Phi_5^6\ \Phi_3^6\ \Phi_1^6$
67690	1158	312	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{37}{156}$	$\frac{119}{312}$	$\Phi_{312}^6\ \Phi_{104}^6\ \Phi_{39}^6\ \Phi_{24}^6\ \Phi_{13}^5\ \Phi_8^6\ \Phi_3^6\ \Phi_1^6$
67691	1158	2784	$\frac{1}{116}$	$\frac{115}{464}$	$\frac{1}{3}$	$\frac{349}{928}$	$\Phi_{2784}\ \Phi_{348}\ \Phi_{174}\ \Phi_{96}\ \Phi_{87}\ \Phi_{12}\ \Phi_6$
67692	1158	1752	$\frac{5}{584}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1752}\ \Phi_{876}\ \Phi_{438}\ \Phi_{219}\ \Phi_{12}\ \Phi_6$
67693	1158	870	$\frac{1}{145}$	$\frac{48}{145}$	$\frac{1}{3}$	$\frac{97}{290}$	$\Phi_{870}^3\ \Phi_{435}\ \Phi_{174}^3\ \Phi_{87}\ \Phi_{30}^3\ \Phi_{15}\ \Phi_6^3$
67694	1158	780	$\frac{2}{195}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
67695	1158	288	$\frac{1}{96}$	$\frac{1}{4}$	$\frac{95}{288}$	$\frac{1}{3}$	$\Phi_{288}^6\ \Phi_{144}^6\ \Phi_{72}^6\ \Phi_{36}^6\ \Phi_{18}^6\ \Phi_{12}\ \Phi_9^6\ \Phi_6$
67696	1158	696	$\frac{1}{58}$	$\frac{39}{232}$	$\frac{19}{58}$	$\frac{1}{3}$	$\Phi_{696}^3\ \Phi_{348}^3\ \Phi_{174}\ \Phi_{87}\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6$
67697	1158	840	$\frac{1}{20}$	$\frac{19}{280}$	$\frac{87}{280}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^3\ \Phi_{42}^2\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
67698	1158	600	$\frac{7}{200}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{15}\ \Phi_{12}^3\ \Phi_6$
67699	1158	588	$\frac{3}{196}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{147}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{12}\ \Phi_6$
67700	1158	768	$\frac{1}{64}$	$\frac{63}{256}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{768}^3\ \Phi_{384}^3\ \Phi_{12}\ \Phi_6$
67701	1158	240	$\frac{1}{48}$	$\frac{47}{240}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^6\ \Phi_{60}^6\ \Phi_{40}^6\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{12}\ \Phi_{10}^6\ \Phi_6\ \Phi_5^6$
67702	1158	1776	$\frac{13}{592}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{444}\ \Phi_{222}\ \Phi_{111}\ \Phi_{12}\ \Phi_6$
67703	1158	396	$\frac{5}{198}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^4\ \Phi_{198}^2\ \Phi_{132}^4\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{44}^4\ \Phi_{36}^4\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6$
67704	1158	672	$\frac{1}{32}$	$\frac{31}{224}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{168}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{12}\ \Phi_6$
67705	1158	600	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
67706	1158	216	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{216}^6\ \Phi_{108}^6\ \Phi_{72}^6\ \Phi_{54}^6\ \Phi_{36}^6\ \Phi_{27}^6\ \Phi_{18}^6\ \Phi_{12}\ \Phi_9^6\ \Phi_6$
67707	1158	1920	$\frac{3}{64}$	$\frac{61}{640}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
67708	1158	1824	$\frac{29}{608}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
67709	1158	204	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^6\ \Phi_{102}^6\ \Phi_{68}^6\ \Phi_{51}^6\ \Phi_{34}^6\ \Phi_{17}^6\ \Phi_{12}\ \Phi_6$
67710	1158	624	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{12}\ \Phi_6$
67711	1158	2280	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{181}{760}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{456}\ \Phi_{228}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
67712	1158	1920	$\frac{1}{20}$	$\frac{61}{640}$	$\frac{19}{80}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
67713	1158	690	$\frac{4}{115}$	$\frac{37}{230}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{690}^3\ \Phi_{345}^2\ \Phi_{138}^3\ \Phi_{69}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_6^3\ \Phi_3^2$
67714	1158	600	$\frac{7}{200}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{75}^2\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
67715	1158	2100	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{121}{700}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
67716	1158	267	$\frac{2}{89}$	$\frac{15}{89}$	$\frac{74}{267}$	$\frac{29}{89}$	$\Phi_{267}^6\ \Phi_{89}\ \Phi_3^6\ \Phi_1^2$
67717	1158	2268	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{181}{567}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{324}\ \Phi_{162}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
67718	1158	234	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{41}{234}$	$\frac{35}{117}$	$\Phi_{234}^6\ \Phi_{117}^3\ \Phi_{78}^6\ \Phi_{39}^6\ \Phi_{26}^6\ \Phi_{18}^6\ \Phi_{13}^5\ \Phi_9^3\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
67719	1158	1620	$\frac{19}{405}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{90}\ \Phi_{60}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
67720	1158	273	$\frac{1}{13}$	$\frac{11}{91}$	$\frac{2}{13}$	$\frac{80}{273}$	$\Phi_{273}^6\ \Phi_{39}^6\ \Phi_{21}^6\ \Phi_{13}^5\ \Phi_3^6\ \Phi_1^6$
67721	1158	260	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{59}{260}$	$\frac{67}{260}$	$\Phi_{260}^4\ \Phi_{130}^4\ \Phi_{65}^6\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{20}^4\ \Phi_{13}^5\ \Phi_{10}^4\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
67722	1158	516	$\frac{1}{43}$	$\frac{21}{86}$	$\frac{1}{4}$	$\frac{65}{258}$	$\Phi_{516}^4\ \Phi_{258}^2\ \Phi_{172}\ \Phi_{129}^2\ \Phi_{86}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
67723	1158	252	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{59}{252}$	$\frac{1}{4}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{63}^6\ \Phi_{42}^4\ \Phi_{36}^5\ \Phi_{28}^4\ \Phi_{21}^6\ \Phi_{18}^5\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_9^6\ \Phi_7^6\ \Phi_6^5\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
67724	1158	216	$\frac{23}{216}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{4}$	$\Phi_{216}^6\ \Phi_{108}^4\ \Phi_{72}^6\ \Phi_{54}^4\ \Phi_{36}^5\ \Phi_{27}^6\ \Phi_{24}^6\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^6\ \Phi_8^6\ \Phi_6^5\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
67725	1158	1764	$\frac{1}{9}$	$\frac{55}{441}$	$\frac{8}{63}$	$\frac{1}{4}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{294}\ \Phi_{196}\ \Phi_{98}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
67726	1159	1548	$\frac{2}{387}$	$\frac{389}{1548}$	$\frac{1}{3}$	$\frac{385}{774}$	$\Phi_{1548}\ \Phi_{516}\ \Phi_{387}\ \Phi_{172}\ \Phi_{129}\ \Phi_{43}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
67727	1159	2304	$\frac{7}{1152}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1145}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{12}\ \Phi_4\ \Phi_1$
67728	1159	2304	$\frac{7}{1152}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1145}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_9\ \Phi_1$
67729	1159	1290	$\frac{2}{129}$	$\frac{131}{1290}$	$\frac{1}{3}$	$\frac{127}{258}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{430}\ \Phi_{215}\ \Phi_{129}\ \Phi_{43}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
67730	1159	360	$\frac{1}{60}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{59}{120}$	$\Phi_{360}^6\ \Phi_{120}^7\ \Phi_{72}^6\ \Phi_{40}^7\ \Phi_{36}\ \Phi_{24}^7\ \Phi_{12}\ \Phi_8^7\ \Phi_4\ \Phi_1$
67731	1159	840	$\frac{1}{60}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{59}{120}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{168}^3\ \Phi_{120}\ \Phi_{56}^3\ \Phi_{40}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$
67732	1159	1080	$\frac{1}{60}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{59}{120}$	$\Phi_{1080}^3\ \Phi_{216}^3\ \Phi_{120}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
67733	1159	120	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{59}{120}$	$\Phi_{120}^7\ \Phi_{60}^{12}\ \Phi_{40}^7\ \Phi_{30}^{12}\ \Phi_{24}^8\ \Phi_{20}^{12}\ \Phi_{15}^{12}\ \Phi_{12}^{13}\ \Phi_{10}^{12}\ \Phi_8^8\ \Phi_6^{12}\ \Phi_5^{12}\ \Phi_4^{13}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
67734	1159	2268	$\frac{25}{1134}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1109}{2268}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{324}\ \Phi_{252}\ \Phi_{108}\ \Phi_{84}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
67735	1159	252	$\frac{2}{63}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{252}^9\ \Phi_{84}^9\ \Phi_{63}\ \Phi_{36}^7\ \Phi_{28}^9\ \Phi_{21}\ \Phi_{12}^7\ \Phi_9\ \Phi_7\ \Phi_4^7\ \Phi_1$
67736	1159	180	$\frac{1}{30}$	$\frac{1}{18}$	$\frac{29}{90}$	$\frac{17}{36}$	$\Phi_{180}^{12}\ \Phi_{90}\ \Phi_{60}^{12}\ \Phi_{45}\ \Phi_{36}^{13}\ \Phi_{20}^{12}\ \Phi_{18}\ \Phi_{12}^{13}\ \Phi_9\ \Phi_4^{13}\ \Phi_1$
67737	1159	576	$\frac{3}{64}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{64}^3\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{32}^3\ \Phi_{24}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
67738	1159	720	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{19}{80}$	$\frac{17}{36}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{80}^3\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{40}^3\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
67739	1159	2340	$\frac{1}{18}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{156}\ \Phi_{65}\ \Phi_{52}\ \Phi_{36}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
67740	1159	900	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{17}{36}$	$\Phi_{900}^3\ \Phi_{300}^3\ \Phi_{100}^3\ \Phi_{75}\ \Phi_{36}\ \Phi_{25}\ \Phi_{12}\ \Phi_4\ \Phi_1$
67741	1159	396	$\frac{1}{18}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{396}^6\ \Phi_{132}^6\ \Phi_{66}\ \Phi_{44}^6\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
67742	1159	72	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{17}{36}$	$\Phi_{72}^{19}\ \Phi_{36}^{14}\ \Phi_{24}^{19}\ \Phi_{18}^{13}\ \Phi_{12}^{13}\ \Phi_9^{13}\ \Phi_8^{19}\ \Phi_6^{12}\ \Phi_4^{13}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
67743	1159	1260	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{17}{36}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
67744	1159	1188	$\frac{29}{1188}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
67745	1159	2064	$\frac{2}{129}$	$\frac{127}{1032}$	$\frac{1}{3}$	$\frac{905}{2064}$	$\Phi_{2064}\ \Phi_{688}\ \Phi_{129}\ \Phi_{48}\ \Phi_{43}\ \Phi_{16}\ \Phi_{1}$
67746	1159	1728	$\frac{7}{576}$	$\frac{1}{6}$	$\frac{569}{1728}$	$\frac{5}{12}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
67747	1159	1176	$\frac{17}{1176}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{168}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{56}\ \Phi_{49}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
67748	1159	1536	$\frac{7}{384}$	$\frac{1}{6}$	$\frac{377}{1536}$	$\frac{5}{12}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
67749	1159	1440	$\frac{7}{288}$	$\frac{1}{6}$	$\frac{281}{1440}$	$\frac{5}{12}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
67750	1159	1188	$\frac{29}{1188}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{66}\ \Phi_{54}\ \Phi_{44}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
67751	1159	1200	$\frac{41}{1200}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
67752	1159	1344	$\frac{7}{192}$	$\frac{185}{1344}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
67753	1159	1296	$\frac{7}{144}$	$\frac{137}{1296}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
67754	1159	1224	$\frac{65}{1224}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
67755	1159	1248	$\frac{89}{1248}$	$\frac{7}{96}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
67756	1159	992	$\frac{1}{62}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{992}^2\ \Phi_{124}^2\ \Phi_{62}\ \Phi_{32}\ \Phi_{31}\ \Phi_{4}\ \Phi_{1}$
67757	1159	1170	$\frac{11}{1170}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{130}\ \Phi_{117}\ \Phi_{90}\ \Phi_{78}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
67758	1159	744	$\frac{1}{62}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{744}^2\ \Phi_{372}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{93}^2\ \Phi_{62}\ \Phi_{31}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
67759	1159	930	$\frac{1}{62}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{930}\ \Phi_{465}\ \Phi_{310}^2\ \Phi_{186}\ \Phi_{155}^2\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
67760	1159	63	$\frac{2}{63}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{63}^{19}\ \Phi_{21}^{17}\ \Phi_{9}^{19}\ \Phi_{7}^{17}\ \Phi_{3}^{18}\ \Phi_{1}^{19}$
67761	1159	1728	$\frac{7}{576}$	$\frac{2}{9}$	$\frac{569}{1728}$	$\frac{1}{3}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
67762	1159	630	$\frac{1}{30}$	$\frac{2}{21}$	$\frac{29}{90}$	$\frac{1}{3}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{126}^3\ \Phi_{90}\ \Phi_{63}^3\ \Phi_{45}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
67763	1159	1701	$\frac{25}{567}$	$\frac{2}{27}$	$\frac{542}{1701}$	$\frac{1}{3}$	$\Phi_{1701}\ \Phi_{243}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
67764	1159	1215	$\frac{56}{1215}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
67765	1159	189	$\frac{2}{63}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{189}^9\ \Phi_{63}\ \Phi_{27}^7\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
67766	1159	1548	$\frac{2}{129}$	$\frac{127}{516}$	$\frac{389}{1548}$	$\frac{1}{3}$	$\Phi_{1548}\ \Phi_{774}\ \Phi_{387}\ \Phi_{129}\ \Phi_{43}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
67767	1159	1344	$\frac{3}{64}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{21}\ \Phi_{16}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
67768	1159	1680	$\frac{1}{20}$	$\frac{2}{21}$	$\frac{19}{80}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{168}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{40}\ \Phi_{21}\ \Phi_{16}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
67769	1159	1512	$\frac{25}{378}$	$\frac{2}{27}$	$\frac{353}{1512}$	$\frac{1}{3}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
67770	1159	1440	$\frac{7}{288}$	$\frac{281}{1440}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
67771	1159	1188	$\frac{29}{1188}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{66}\ \Phi_{54}\ \Phi_{44}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
67772	1159	1296	$\frac{7}{144}$	$\frac{137}{1296}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
67773	1159	1224	$\frac{65}{1224}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
67774	1159	504	$\frac{2}{63}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{84}^3\ \Phi_{72}^3\ \Phi_{63}\ \Phi_{56}^3\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
67775	1159	1365	$\frac{4}{65}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{91}\ \Phi_{65}\ \Phi_{21}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
67776	1159	525	$\frac{1}{15}$	$\frac{2}{21}$	$\frac{14}{75}$	$\frac{1}{3}$	$\Phi_{525}^{3}\ \Phi_{175}^{3}\ \Phi_{75}\ \Phi_{25}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
67777	1159	462	$\frac{5}{66}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{462}^{3}\ \Phi_{231}^{3}\ \Phi_{154}^{3}\ \Phi_{77}^{3}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{21}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
67778	1159	1296	$\frac{2}{27}$	$\frac{137}{1296}$	$\frac{25}{162}$	$\frac{1}{3}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
67779	1159	504	$\frac{1}{12}$	$\frac{2}{21}$	$\frac{11}{72}$	$\frac{1}{3}$	$\Phi_{504}^{3}\ \Phi_{252}^{3}\ \Phi_{168}^{3}\ \Phi_{126}^{3}\ \Phi_{72}\ \Phi_{63}^{3}\ \Phi_{56}^{3}\ \Phi_{36}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
67780	1159	1323	$\frac{2}{27}$	$\frac{164}{1323}$	$\frac{25}{189}$	$\frac{1}{3}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{147}\ \Phi_{49}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
67781	1159	210	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{3}$	$\Phi_{210}^{5}\ \Phi_{105}^{5}\ \Phi_{70}^{6}\ \Phi_{42}^{5}\ \Phi_{35}^{6}\ \Phi_{30}^{6}\ \Phi_{21}^{6}\ \Phi_{15}^{6}\ \Phi_{14}^{6}\ \Phi_{10}^{6}\ \Phi_{7}^{7}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
67782	1159	270	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{29}{90}$	$\Phi_{270}^{6}\ \Phi_{135}^{6}\ \Phi_{90}\ \Phi_{54}^{6}\ \Phi_{45}\ \Phi_{27}^{7}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
67783	1159	360	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{29}{90}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{90}\ \Phi_{72}^{6}\ \Phi_{45}\ \Phi_{36}^{6}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
67784	1159	1728	$\frac{3}{64}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{64}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
67785	1159	2160	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{19}{80}$	$\frac{8}{27}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{432}\ \Phi_{216}\ \Phi_{80}\ \Phi_{40}\ \Phi_{27}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
67786	1159	1755	$\frac{4}{65}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{1755}\ \Phi_{351}\ \Phi_{65}\ \Phi_{27}\ \Phi_{13}\ \Phi_{1}$
67787	1159	675	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{14}{75}$	$\frac{8}{27}$	$\Phi_{675}^{3}\ \Phi_{75}\ \Phi_{27}\ \Phi_{25}\ \Phi_{1}$
67788	1159	594	$\frac{5}{66}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{594}^{3}\ \Phi_{297}^{3}\ \Phi_{66}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
67789	1159	216	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{72}$	$\frac{8}{27}$	$\Phi_{216}^{9}\ \Phi_{108}^{6}\ \Phi_{72}\ \Phi_{54}^{6}\ \Phi_{36}\ \Phi_{27}^{7}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
67790	1159	1890	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{70}$	$\frac{8}{27}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{189}\ \Phi_{70}\ \Phi_{35}\ \Phi_{27}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
67791	1159	192	$\frac{3}{64}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{192}^{6}\ \Phi_{96}^{6}\ \Phi_{64}^{7}\ \Phi_{48}^{6}\ \Phi_{32}^{7}\ \Phi_{24}^{3}\ \Phi_{16}^{7}\ \Phi_{12}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
67792	1159	240	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{80}$	$\Phi_{240}^{6}\ \Phi_{120}^{2}\ \Phi_{80}^{7}\ \Phi_{60}^{4}\ \Phi_{48}^{6}\ \Phi_{40}^{3}\ \Phi_{30}^{4}\ \Phi_{24}^{3}\ \Phi_{20}^{4}\ \Phi_{16}^{7}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
67793	1159	1560	$\frac{4}{65}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{312}\ \Phi_{260}\ \Phi_{156}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
67794	1159	600	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{14}{75}$	$\frac{5}{24}$	$\Phi_{600}^{3}\ \Phi_{300}^{3}\ \Phi_{200}^{3}\ \Phi_{100}^{3}\ \Phi_{75}\ \Phi_{25}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
67795	1159	264	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{264}^{6}\ \Phi_{132}^{6}\ \Phi_{88}^{6}\ \Phi_{66}\ \Phi_{44}^{6}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
67796	1159	72	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{72}^{19}\ \Phi_{36}^{19}\ \Phi_{24}^{8}\ \Phi_{18}^{19}\ \Phi_{12}^{13}\ \Phi_{9}^{19}\ \Phi_{8}^{8}\ \Phi_{6}^{12}\ \Phi_{4}^{13}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
67797	1159	840	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{168}^{2}\ \Phi_{140}^{2}\ \Phi_{84}^{2}\ \Phi_{70}\ \Phi_{56}^{2}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
67798	1160	867	$\frac{1}{289}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{144}{289}$	$\Phi_{867}\ \Phi_{289}^{2}\ \Phi_{51}\ \Phi_{17}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
67799	1160	1159	$\frac{5}{1159}$	$\frac{291}{1159}$	$\frac{434}{1159}$	$\frac{577}{1159}$	$\Phi_{1159}\ \Phi_{61}\ \Phi_{19}\ \Phi_{1}^{2}$
67800	1160	1848	$\frac{1}{231}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{115}{231}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{33}\ \Phi_{24}\ \Phi_{21}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
67801	1160	1743	$\frac{3}{581}$	$\frac{146}{581}$	$\frac{1}{3}$	$\frac{289}{581}$	$\Phi_{1743}\ \Phi_{249}\ \Phi_{21}$
67802	1160	2016	$\frac{1}{144}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{143}{288}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}^{2}\ \Phi_{224}\ \Phi_{96}^{2}\ \Phi_{32}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
67803	1160	1440	$\frac{1}{144}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{143}{288}$	$\Phi_{1440}^{2}\ \Phi_{480}^{2}\ \Phi_{160}^{2}\ \Phi_{15}$
67804	1160	1035	$\frac{1}{115}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{57}{115}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}\ \Phi_{115}^{2}\ \Phi_{69}\ \Phi_{45}\ \Phi_{23}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
67805	1160	690	$\frac{1}{115}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{57}{115}$	$\Phi_{690}^{2}\ \Phi_{345}\ \Phi_{230}^{2}\ \Phi_{138}^{2}\ \Phi_{115}^{2}\ \Phi_{69}\ \Phi_{46}^{2}\ \Phi_{30}^{2}\ \Phi_{23}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
67806	1160	1159	$\frac{11}{1159}$	$\frac{117}{1159}$	$\frac{521}{1159}$	$\frac{574}{1159}$	$\Phi_{1159}\ \Phi_{61}\ \Phi_{19}\ \Phi_{1}^{2}$
67807	1160	970	$\frac{1}{97}$	$\frac{1}{5}$	$\frac{49}{194}$	$\frac{48}{97}$	$\Phi_{970}^{2}\ \Phi_{485}\ \Phi_{10}^{2}$
67808	1160	861	$\frac{3}{287}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{142}{287}$	$\Phi_{861}^{2}\ \Phi_{123}^{2}\ \Phi_{21}^{3}\ \Phi_{3}^{2}$
67809	1160	498	$\frac{1}{83}$	$\frac{21}{166}$	$\frac{1}{3}$	$\frac{41}{83}$	$\Phi_{498}^{4}\ \Phi_{249}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{2}$
67810	1160	1398	$\frac{3}{233}$	$\frac{1}{6}$	$\frac{59}{233}$	$\frac{115}{233}$	$\Phi_{1398}\ \Phi_{699}\ \Phi_{466}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
67811	1160	1159	$\frac{17}{1159}$	$\frac{173}{1159}$	$\frac{294}{1159}$	$\frac{571}{1159}$	$\Phi_{1159}\ \Phi_{61}\ \Phi_{19}\ \Phi_{1}^{2}$
67812	1160	1743	$\frac{9}{581}$	$\frac{59}{581}$	$\frac{1}{3}$	$\frac{286}{581}$	$\Phi_{1743}\ \Phi_{249}\ \Phi_{21}$
67813	1160	549	$\frac{1}{61}$	$\frac{31}{549}$	$\frac{259}{549}$	$\frac{30}{61}$	$\Phi_{549}^{2}\ \Phi_{183}^{2}\ \Phi_{61}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
67814	1160	183	$\frac{1}{61}$	$\frac{31}{183}$	$\frac{38}{183}$	$\frac{30}{61}$	$\Phi_{183}^{6}\ \Phi_{61}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
67815	1160	57	$\frac{1}{57}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{28}{57}$	$\Phi_{57}^{20}\ \Phi_{19}^{21}\ \Phi_{3}^{20}\ \Phi_{1}^{22}$
67816	1160	627	$\frac{1}{57}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{28}{57}$	$\Phi_{627}^{2}\ \Phi_{209}^{2}\ \Phi_{33}^{3}\ \Phi_{11}^{2}$
67817	1160	57	$\frac{1}{57}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{28}{57}$	$\Phi_{57}^{20}\ \Phi_{19}^{21}\ \Phi_{3}^{20}\ \Phi_{1}^{22}$
67818	1160	570	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{28}{57}$	$\Phi_{570}^{3}\ \Phi_{285}^{2}\ \Phi_{190}^{3}\ \Phi_{95}^{2}\ \Phi_{30}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{2}$
67819	1160	1159	$\frac{21}{1159}$	$\frac{59}{1159}$	$\frac{550}{1159}$	$\frac{569}{1159}$	$\Phi_{1159}\ \Phi_{61}\ \Phi_{19}\ \Phi_{1}^{2}$
67820	1160	2184	$\frac{1}{39}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{19}{39}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{168}\ \Phi_{104}\ \Phi_{56}^{2}\ \Phi_{39}\ \Phi_{24}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
67821	1160	546	$\frac{1}{39}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{19}{39}$	$\Phi_{546}^{2}\ \Phi_{273}^{2}\ \Phi_{182}^{2}\ \Phi_{91}^{2}\ \Phi_{78}^{2}\ \Phi_{42}^{3}\ \Phi_{39}^{3}\ \Phi_{26}^{2}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{13}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
67822	1160	429	$\frac{1}{39}$	$\frac{1}{11}$	$\frac{10}{39}$	$\frac{19}{39}$	$\Phi_{429}^{3}\ \Phi_{143}^{3}\ \Phi_{33}^{3}\ \Phi_{11}^{2}$
67823	1160	1248	$\frac{1}{39}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{19}{39}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{104}\ \Phi_{96}\ \Phi_{48}\ \Phi_{39}\ \Phi_{32}^{2}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
67824	1160	1365	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{19}{39}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{195}\ \Phi_{105}\ \Phi_{65}\ \Phi_{39}\ \Phi_{35}^{2}\ \Phi_{15}\ \Phi_{13}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
67825	1160	1159	$\frac{31}{1159}$	$\frac{119}{1159}$	$\frac{260}{1159}$	$\frac{564}{1159}$	$\Phi_{1159}\ \Phi_{61}\ \Phi_{19}\ \Phi_{1}^{2}$
67826	1160	1159	$\frac{33}{1159}$	$\frac{149}{1159}$	$\frac{202}{1159}$	$\frac{563}{1159}$	$\Phi_{1159}\ \Phi_{61}\ \Phi_{19}\ \Phi_{1}^{2}$
67827	1160	1398	$\frac{7}{233}$	$\frac{30}{233}$	$\frac{1}{6}$	$\frac{113}{233}$	$\Phi_{1398}\ \Phi_{699}\ \Phi_{466}$
67828	1160	485	$\frac{3}{97}$	$\frac{10}{97}$	$\frac{1}{5}$	$\frac{47}{97}$	$\Phi_{485}^{3}\ \Phi_{5}^{2}$
67829	1160	1159	$\frac{37}{1159}$	$\frac{86}{1159}$	$\frac{299}{1159}$	$\frac{561}{1159}$	$\Phi_{1159}\ \Phi_{61}\ \Phi_{19}\ \Phi_{1}^{2}$
67830	1160	1743	$\frac{19}{581}$	$\frac{30}{581}$	$\frac{1}{3}$	$\frac{281}{581}$	$\Phi_{1743}\ \Phi_{249}\ \Phi_{21}$
67831	1160	168	$\frac{1}{28}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{168}^{13}\ \Phi_{56}^{14}\ \Phi_{24}^{13}\ \Phi_{21}^{2}\ \Phi_{8}^{14}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
67832	1160	728	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{27}{56}$	$\Phi_{728}^{3}\ \Phi_{104}^{3}\ \Phi_{56}^{4}\ \Phi_{13}^{3}\ \Phi_{8}^{4}\ \Phi_{1}^{4}$
67833	1160	3080	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{27}{56}$	$\Phi_{3080}\ \Phi_{440}\ \Phi_{55}$
67834	1160	2184	$\frac{1}{28}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{27}{56}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{168}\ \Phi_{104}\ \Phi_{56}^{2}\ \Phi_{39}\ \Phi_{24}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
67835	1160	504	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{27}{56}$	$\Phi_{504}^{5}\ \Phi_{168}^{3}\ \Phi_{72}^{5}\ \Phi_{56}^{4}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
67836	1160	570	$\frac{1}{30}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{570}^{2}\ \Phi_{285}^{2}\ \Phi_{190}^{2}\ \Phi_{114}^{2}\ \Phi_{95}^{2}\ \Phi_{57}\ \Phi_{38}^{2}\ \Phi_{30}^{4}\ \Phi_{19}^{2}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
67837	1160	171	$\frac{2}{57}$	$\frac{1}{19}$	$\frac{55}{171}$	$\frac{9}{19}$	$\Phi_{171}^{10}\ \Phi_{19}\ \Phi_{9}^{10}\ \Phi_{1}^{2}$
67838	1160	152	$\frac{7}{152}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{152}^{8}\ \Phi_{76}^{8}\ \Phi_{38}^{8}\ \Phi_{19}^{5}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
67839	1160	38	$\frac{1}{19}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{9}{19}$	$\Phi_{38}^{40}\ \Phi_{19}^{21}\ \Phi_{2}^{40}\ \Phi_{1}^{22}$
67840	1160	627	$\frac{1}{19}$	$\frac{47}{627}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{627}^{2}\ \Phi_{209}^{2}\ \Phi_{33}^{2}\ \Phi_{19}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
67841	1160	171	$\frac{1}{19}$	$\frac{5}{57}$	$\frac{26}{171}$	$\frac{9}{19}$	$\Phi_{171}^{8}\ \Phi_{57}^{4}\ \Phi_{19}^{5}\ \Phi_{9}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
67842	1160	133	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{17}{133}$	$\frac{9}{19}$	$\Phi_{133}^{10}\ \Phi_{19}\ \Phi_{7}^{10}\ \Phi_{1}^{2}$
67843	1160	1230	$\frac{1}{30}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{410}\ \Phi_{246}\ \Phi_{205}\ \Phi_{123}\ \Phi_{82}$
67844	1160	2214	$\frac{1}{41}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{2214}\ \Phi_{738}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}$
67845	1160	594	$\frac{2}{27}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{25}{54}$	$\Phi_{594}^{4}\ \Phi_{198}^{4}\ \Phi_{99}\ \Phi_{66}^{4}\ \Phi_{33}\ \Phi_{22}^{4}$
67846	1160	715	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{7}{65}$	$\frac{6}{13}$	$\Phi_{715}^{2}\ \Phi_{143}\ \Phi_{55}^{2}$
67847	1160	61	$\frac{3}{61}$	$\frac{5}{61}$	$\frac{11}{61}$	$\frac{28}{61}$	$\Phi_{61}^{19}\ \Phi_{1}^{20}$
67848	1160	1159	$\frac{29}{1159}$	$\frac{113}{1159}$	$\frac{318}{1159}$	$\frac{523}{1159}$	$\Phi_{1159}\ \Phi_{61}\ \Phi_{19}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
67849	1160	1743	$\frac{11}{581}$	$\frac{57}{581}$	$\frac{1}{3}$	$\frac{262}{581}$	$\Phi_{1743}\ \Phi_{249}\ \Phi_{21}$
67850	1160	1640	$\frac{1}{41}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1640}\ \Phi_{410}\ \Phi_{328}\ \Phi_{205}\ \Phi_{82}$
67851	1160	531	$\frac{1}{59}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{531}^2\ \Phi_{177}^3\ \Phi_{59}^2$
67852	1160	1035	$\frac{3}{115}$	$\frac{1}{9}$	$\frac{28}{115}$	$\frac{4}{9}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}\ \Phi_{115}^2\ \Phi_{69}\ \Phi_{45}\ \Phi_{23}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
67853	1160	90	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{90}^{12}\ \Phi_{45}^{11}\ \Phi_{30}^{16}\ \Phi_{18}^{12}\ \Phi_{15}^{15}\ \Phi_{10}^{16}\ \Phi_9^{12}\ \Phi_6^{16}\ \Phi_5^{14}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{16}$
67854	1160	207	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{11}{69}$	$\frac{4}{9}$	$\Phi_{207}^5\ \Phi_{69}^7\ \Phi_{23}^6\ \Phi_9^6\ \Phi_3^8\ \Phi_1^8$
67855	1160	693	$\frac{5}{63}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}\ \Phi_{77}^2\ \Phi_{33}$
67856	1160	572	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{3}{26}$	$\frac{23}{52}$	$\Phi_{572}^4\ \Phi_{143}\ \Phi_{44}^4$
67857	1160	147	$\frac{2}{147}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{147}^8\ \Phi_{49}^8\ \Phi_{21}^7\ \Phi_7^8\ \Phi_3^6\ \Phi_1^8$
67858	1160	1512	$\frac{1}{72}$	$\frac{1}{7}$	$\frac{71}{216}$	$\frac{3}{7}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}^2\ \Phi_{189}\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_7\ \Phi_1^2$
67859	1160	413	$\frac{1}{59}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{413}^3\ \Phi_{59}^2$
67860	1160	1036	$\frac{3}{148}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1036}\ \Phi_{518}\ \Phi_{259}\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_7\ \Phi_1^2$
67861	1160	1344	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{47}{192}$	$\frac{3}{7}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_7\ \Phi_1^2$
67862	1160	252	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{7}{36}$	$\frac{3}{7}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{36}^8\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{18}^8\ \Phi_{14}^4\ \Phi_{12}^8\ \Phi_9^8\ \Phi_7^5\ \Phi_6^8\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
67863	1160	210	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{210}^5\ \Phi_{105}^5\ \Phi_{70}^5\ \Phi_{42}^4\ \Phi_{35}^5\ \Phi_{30}^{10}\ \Phi_{21}^4\ \Phi_{15}^{10}\ \Phi_{14}^4\ \Phi_{10}^{10}\ \Phi_7^5\ \Phi_6^8\ \Phi_5^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
67864	1160	168	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{168}^7\ \Phi_{84}^7\ \Phi_{56}^7\ \Phi_{42}^7\ \Phi_{28}^7\ \Phi_{24}^6\ \Phi_{21}^7\ \Phi_{14}^7\ \Phi_{12}^6\ \Phi_8^6\ \Phi_7^8\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^8$
67865	1160	1064	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{152}^2\ \Phi_{133}\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_7\ \Phi_1^2$
67866	1160	1071	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}^2\ \Phi_{119}\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_7\ \Phi_1^2$
67867	1160	1134	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_7\ \Phi_1^2$
67868	1160	224	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{224}^5\ \Phi_{112}^4\ \Phi_{56}^4\ \Phi_{32}^{10}\ \Phi_{28}^4\ \Phi_{16}^8\ \Phi_{14}^4\ \Phi_8^8\ \Phi_7^5\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{10}$
67869	1160	1092	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}^2\ \Phi_{91}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_1^2$
67870	1160	1159	$\frac{23}{1159}$	$\frac{175}{1159}$	$\frac{284}{1159}$	$\frac{492}{1159}$	$\Phi_{1159}\ \Phi_{61}\ \Phi_{19}\ \Phi_1^2$
67871	1160	2050	$\frac{1}{41}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{2050}\ \Phi_{410}\ \Phi_{205}\ \Phi_{82}$
67872	1160	249	$\frac{1}{83}$	$\frac{41}{249}$	$\frac{1}{3}$	$\frac{104}{249}$	$\Phi_{249}^5\ \Phi_{83}^4\ \Phi_3^4\ \Phi_1^4$
67873	1160	1476	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{369}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}$
67874	1160	1230	$\frac{1}{30}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{410}\ \Phi_{246}\ \Phi_{205}\ \Phi_{123}\ \Phi_{82}$
67875	1160	244	$\frac{1}{61}$	$\frac{23}{122}$	$\frac{15}{61}$	$\frac{99}{244}$	$\Phi_{244}^8\ \Phi_{61}^3\ \Phi_4^8\ \Phi_1^4$
67876	1160	1159	$\frac{34}{1159}$	$\frac{173}{1159}$	$\frac{225}{1159}$	$\frac{467}{1159}$	$\Phi_{1159}\ \Phi_{61}\ \Phi_{19}\ \Phi_1^2$
67877	1160	485	$\frac{2}{97}$	$\frac{19}{97}$	$\frac{1}{5}$	$\frac{39}{97}$	$\Phi_{485}^3\ \Phi_5^2$
67878	1160	1159	$\frac{14}{1159}$	$\frac{229}{1159}$	$\frac{347}{1159}$	$\frac{465}{1159}$	$\Phi_{1159}\ \Phi_{61}\ \Phi_{19}\ \Phi_1^2$
67879	1160	1743	$\frac{6}{581}$	$\frac{115}{581}$	$\frac{1}{3}$	$\frac{233}{581}$	$\Phi_{1743}\ \Phi_{249}\ \Phi_{21}$
67880	1160	1159	$\frac{24}{1159}$	$\frac{227}{1159}$	$\frac{233}{1159}$	$\frac{463}{1159}$	$\Phi_{1159}\ \Phi_{61}\ \Phi_{19}\ \Phi_1^2$
67881	1160	1968	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1968}\ \Phi_{656}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}$
67882	1160	1230	$\frac{1}{30}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{410}\ \Phi_{246}\ \Phi_{205}\ \Phi_{123}\ \Phi_{82}$
67883	1160	1159	$\frac{35}{1159}$	$\frac{144}{1159}$	$\frac{281}{1159}$	$\frac{439}{1159}$	$\Phi_{1159}\ \Phi_{61}\ \Phi_{19}\ \Phi_1^2$
67884	1160	1398	$\frac{5}{233}$	$\frac{1}{6}$	$\frac{57}{233}$	$\frac{88}{233}$	$\Phi_{1398}\ \Phi_{699}\ \Phi_{466}$
67885	1160	183	$\frac{1}{61}$	$\frac{38}{183}$	$\frac{15}{61}$	$\frac{23}{61}$	$\Phi_{183}^8\ \Phi_{61}^3\ \Phi_3^8\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
67886	1160	936	$\frac{1}{117}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{936}^2\ \Phi_{312}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{72}^2\ \Phi_{39}^2\ \Phi_{24}\ \Phi_{13}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
67887	1160	616	$\frac{1}{77}$	$\frac{19}{77}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}^3\ \Phi_{88}^3\ \Phi_{77}^3\ \Phi_{56}^3\ \Phi_{11}^3\ \Phi_8^4\ \Phi_7^3\ \Phi_1^4$
67888	1160	2360	$\frac{1}{59}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2360}\ \Phi_{295}$
67889	1160	952	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{952}^2\ \Phi_{136}^2\ \Phi_{119}^2\ \Phi_{56}\ \Phi_{17}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
67890	1160	264	$\frac{1}{33}$	$\frac{4}{33}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^7\ \Phi_{88}^7\ \Phi_{33}^7\ \Phi_{24}^7\ \Phi_{11}^7\ \Phi_8^8\ \Phi_3^7\ \Phi_1^8$
67891	1160	360	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^6\ \Phi_{120}^4\ \Phi_{90}^3\ \Phi_{72}^5\ \Phi_{45}^3\ \Phi_{40}^4\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^4\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
67892	1160	968	$\frac{5}{121}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{968}^2\ \Phi_{121}^2\ \Phi_{88}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
67893	1160	504	$\frac{1}{21}$	$\frac{5}{63}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^4\ \Phi_{168}^3\ \Phi_{72}^4\ \Phi_{63}^4\ \Phi_{56}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_9^4\ \Phi_8^4\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
67894	1160	183	$\frac{1}{61}$	$\frac{12}{61}$	$\frac{49}{183}$	$\frac{67}{183}$	$\Phi_{183}^5\ \Phi_{61}^9\ \Phi_3^5\ \Phi_1^{10}$
67895	1160	61	$\frac{3}{61}$	$\frac{4}{61}$	$\frac{19}{61}$	$\frac{21}{61}$	$\Phi_{61}^{19}\ \Phi_1^{20}$
67896	1160	438	$\frac{1}{146}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{438}^3\ \Phi_{219}^3\ \Phi_{146}^2\ \Phi_{73}^2\ \Phi_6^3\ \Phi_2^2$
67897	1160	735	$\frac{2}{147}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{15}$
67898	1160	867	$\frac{4}{289}$	$\frac{57}{289}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{867}\ \Phi_{289}^2\ \Phi_{51}\ \Phi_{17}^2\ \Phi_3^2\ \Phi_1^4$
67899	1160	354	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{354}^4\ \Phi_{177}^3\ \Phi_{118}^4\ \Phi_{59}^2$
67900	1160	867	$\frac{9}{289}$	$\frac{28}{289}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{867}\ \Phi_{289}^2\ \Phi_{51}\ \Phi_{17}^2\ \Phi_3^2\ \Phi_1^4$
67901	1160	330	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{55}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{11}^2$
67902	1160	153	$\frac{8}{153}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{153}^8\ \Phi_{51}^7\ \Phi_{17}^6\ \Phi_9^8\ \Phi_3^8\ \Phi_1^8$
67903	1160	747	$\frac{1}{83}$	$\frac{167}{747}$	$\frac{82}{249}$	$\frac{1}{3}$	$\Phi_{747}^2\ \Phi_{249}\ \Phi_9^2$
67904	1160	1080	$\frac{1}{72}$	$\frac{1}{5}$	$\frac{71}{216}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{15}$
67905	1160	861	$\frac{6}{287}$	$\frac{1}{7}$	$\frac{281}{861}$	$\frac{1}{3}$	$\Phi_{861}\ \Phi_{287}^2\ \Phi_{123}\ \Phi_{41}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
67906	1160	1881	$\frac{2}{57}$	$\frac{1}{11}$	$\frac{55}{171}$	$\frac{1}{3}$	$\Phi_{1881}\ \Phi_{99}\ \Phi_{33}$
67907	1160	42	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{42}^{27}\ \Phi_{21}^{29}\ \Phi_{14}^{26}\ \Phi_7^{28}\ \Phi_6^{27}\ \Phi_3^{28}\ \Phi_2^{26}\ \Phi_1^{28}$
67908	1160	249	$\frac{3}{83}$	$\frac{8}{83}$	$\frac{25}{83}$	$\frac{1}{3}$	$\Phi_{249}^7\ \Phi_3^6$
67909	1160	357	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{357}^5\ \Phi_{51}^5\ \Phi_{21}^3\ \Phi_3^2$
67910	1160	1593	$\frac{1}{59}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1593}\ \Phi_{177}$
67911	1160	2220	$\frac{3}{148}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{555}\ \Phi_{15}$
67912	1160	672	$\frac{1}{21}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
67913	1160	960	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{47}{192}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{160}^2\ \Phi_{15}$
67914	1160	690	$\frac{3}{115}$	$\frac{1}{6}$	$\frac{28}{115}$	$\frac{1}{3}$	$\Phi_{690}^2\ \Phi_{345}\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{115}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{30}^2\ \Phi_{23}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
67915	1160	1743	$\frac{17}{581}$	$\frac{88}{581}$	$\frac{141}{581}$	$\frac{1}{3}$	$\Phi_{1743}\ \Phi_{249}\ \Phi_{21}$
67916	1160	1254	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{9}{38}$	$\frac{1}{3}$	$\Phi_{1254}^2\ \Phi_{627}\ \Phi_{66}^2\ \Phi_{33}^2$
67917	1160	1485	$\frac{7}{297}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{165}\ \Phi_{135}\ \Phi_{55}\ \Phi_{15}$
67918	1160	1476	$\frac{1}{41}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{492}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}$
67919	1160	570	$\frac{1}{30}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{570}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{30}^4\ \Phi_{19}^2\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
67920	1160	1743	$\frac{16}{581}$	$\frac{113}{581}$	$\frac{117}{581}$	$\frac{1}{3}$	$\Phi_{1743}\ \Phi_{249}\ \Phi_{21}$
67921	1160	180	$\frac{1}{36}$	$\frac{7}{36}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^8\ \Phi_{45}^8\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{15}^9\ \Phi_{10}^8\ \Phi_5^8$
67922	1160	30	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{30}^{38}\ \Phi_{15}^{39}\ \Phi_{10}^{38}\ \Phi_6^{40}\ \Phi_5^{38}\ \Phi_3^{40}\ \Phi_2^{40}\ \Phi_1^{40}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
67923	1160	840	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{15}$
67924	1160	2280	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{285}\ \Phi_{15}$
67925	1160	765	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{85}^2\ \Phi_{15}$
67926	1160	810	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{15}$
67927	1160	480	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{480}^5\ \Phi_{240}^4\ \Phi_{120}^4\ \Phi_{60}^4\ \Phi_{30}^4\ \Phi_{15}^5$
67928	1160	780	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{15}$
67929	1160	105	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{105}^{13}\ \Phi_{35}^{14}\ \Phi_{21}^2\ \Phi_{15}^{13}\ \Phi_7^2\ \Phi_5^{14}\ \Phi_3\ \Phi_1^2$
67930	1160	138	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{138}^{10}\ \Phi_{69}^7\ \Phi_{46}^{10}\ \Phi_{23}^6\ \Phi_6^{12}\ \Phi_3^8\ \Phi_2^{12}\ \Phi_1^8$
67931	1160	546	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{13}{42}$	$\Phi_{546}^3\ \Phi_{273}^3\ \Phi_{78}^3\ \Phi_{42}^4\ \Phi_{39}^3\ \Phi_{21}^4\ \Phi_{13}^3\ \Phi_6^4\ \Phi_3^4\ \Phi_1^4$
67932	1160	2310	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{330}\ \Phi_{165}\ \Phi_{55}$
67933	1160	546	$\frac{1}{14}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{13}{42}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{78}^2\ \Phi_{42}^3\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{13}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
67934	1160	126	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{13}{42}$	$\Phi_{126}^{10}\ \Phi_{63}^{10}\ \Phi_{42}^7\ \Phi_{21}^7\ \Phi_{18}^{13}\ \Phi_{14}^6\ \Phi_9^{12}\ \Phi_7^6\ \Phi_6^9\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
67935	1160	114	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{9}{38}$	$\frac{17}{57}$	$\Phi_{114}^{19}\ \Phi_{57}^{10}\ \Phi_{38}^2\ \Phi_{19}\ \Phi_6^{19}\ \Phi_3^{10}\ \Phi_2^2\ \Phi_1^2$
67936	1160	1485	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{19}{135}$	$\frac{8}{27}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}\ \Phi_{33}$
67937	1160	891	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{81}$	$\Phi_{891}^2\ \Phi_{99}\ \Phi_{33}$
67938	1160	61	$\frac{3}{61}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	$\Phi_{61}^{19}\ \Phi_1^{20}$
67939	1160	154	$\frac{9}{154}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{154}^8\ \Phi_{77}^7\ \Phi_{22}^8\ \Phi_{14}^8\ \Phi_{11}^8\ \Phi_7^6\ \Phi_2^8\ \Phi_1^8$
67940	1160	152	$\frac{7}{152}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{152}^8\ \Phi_{76}^8\ \Phi_{38}^8\ \Phi_{19}^5\ \Phi_8^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^6$
67941	1160	61	$\frac{3}{61}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{61}^{19}\ \Phi_1^{20}$
67942	1160	429	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{3}{13}$	$\frac{10}{39}$	$\Phi_{429}^4\ \Phi_{143}\ \Phi_{33}^4$
67943	1160	416	$\frac{1}{13}$	$\frac{3}{32}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{416}^3\ \Phi_{208}^3\ \Phi_{104}^3\ \Phi_{32}^4\ \Phi_{16}^4\ \Phi_{13}^3\ \Phi_8^4\ \Phi_1^4$
67944	1160	1760	$\frac{1}{11}$	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{55}$
67945	1160	1248	$\frac{3}{32}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{4}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{104}\ \Phi_{96}\ \Phi_{48}\ \Phi_{39}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
67946	1160	288	$\frac{3}{32}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^3\ \Phi_{72}^5\ \Phi_{48}^3\ \Phi_{32}^4\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
67947	1160	38	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{9}{38}$	$\Phi_{38}^{40}\ \Phi_{19}^{21}\ \Phi_2^{40}\ \Phi_1^{22}$
67948	1160	570	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{9}{38}$	$\Phi_{570}^3\ \Phi_{285}^3\ \Phi_{190}\ \Phi_{95}^2\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^2\ \Phi_5^2$
67949	1160	455	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{3}{13}$	$\Phi_{455}^3\ \Phi_{65}^3\ \Phi_{35}^4\ \Phi_{13}^3\ \Phi_5^4\ \Phi_1^4$
67950	1160	396	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{7}{36}$	$\frac{2}{9}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^4\ \Phi_{99}\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{33}\ \Phi_{22}^4$
67951	1160	171	$\frac{5}{57}$	$\frac{26}{171}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{171}^8\ \Phi_{57}^4\ \Phi_{19}^5\ \Phi_9^8\ \Phi_3^4\ \Phi_1^6$
67952	1160	385	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{385}^3\ \Phi_{77}^4\ \Phi_{55}^4\ \Phi_{11}^4$
67953	1160	1365	$\frac{4}{39}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{7}{39}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{195}\ \Phi_{105}\ \Phi_{65}\ \Phi_{39}\ \Phi_{35}^2\ \Phi_{15}\ \Phi_{13}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
67954	1160	630	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{35}$	$\Phi_{630}^3\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{105}\ \Phi_{90}^3\ \Phi_{70}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
67955	1161	1856	$\frac{1}{232}$	$\frac{233}{928}$	$\frac{695}{1856}$	$\frac{231}{464}$	$\Phi_{1856}\ \Phi_{464}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
67956	1161	1552	$\frac{3}{388}$	$\frac{1}{4}$	$\frac{391}{1552}$	$\frac{385}{776}$	$\Phi_{1552}\ \Phi_{388}\ \Phi_{194}\ \Phi_{97}\ \Phi_{16}\ \Phi_1$
67957	1161	256	$\frac{1}{128}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{127}{256}$	$\Phi_{256}^9\ \Phi_{16}\ \Phi_1$
67958	1161	256	$\frac{1}{128}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{127}{256}$	$\Phi_{256}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
67959	1161	760	$\frac{7}{380}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{373}{760}$	$\Phi_{760}^3\ \Phi_{152}^3\ \Phi_{40}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
67960	1161	520	$\frac{3}{130}$	$\frac{1}{10}$	$\frac{133}{520}$	$\frac{127}{260}$	$\Phi_{520}^3\ \Phi_{130}^3\ \Phi_{104}^3\ \Phi_{65}^3\ \Phi_{40}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
67961	1161	1092	$\frac{1}{42}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{41}{84}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{84}\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{42}^2\ \Phi_{39}^2\ \Phi_{28}\ \Phi_{26}^2\ \Phi_{21}^2$ $\Phi_{14}^2\ \Phi_{13}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
67962	1161	1092	$\frac{1}{42}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{41}{84}$	$\Phi_{1092}^2\ \Phi_{364}^2\ \Phi_{156}^2\ \Phi_{84}^3\ \Phi_{52}^2\ \Phi_{28}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
67963	1161	420	$\frac{1}{42}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{41}{84}$	$\Phi_{420}^2\ \Phi_{210}^4\ \Phi_{140}^2\ \Phi_{105}^4\ \Phi_{84}\ \Phi_{70}^4\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}\ \Phi_{21}^2$ $\Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}^5\ \Phi_7^2\ \Phi_6^2\ \Phi_5^5\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
67964	1161	2240	$\frac{1}{40}$	$\frac{41}{1120}$	$\frac{1079}{2240}$	$\frac{39}{80}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{80}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
67965	1161	560	$\frac{1}{40}$	$\frac{41}{560}$	$\frac{173}{560}$	$\frac{39}{80}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}^2\ \Phi_{80}^3\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{16}^3$ $\Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
67966	1161	1280	$\frac{1}{40}$	$\frac{119}{1280}$	$\frac{41}{160}$	$\frac{39}{80}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
67967	1161	250	$\frac{4}{125}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{121}{250}$	$\Phi_{250}^4\ \Phi_{125}^5\ \Phi_{50}^4\ \Phi_{25}^5\ \Phi_{10}^8\ \Phi_5^8\ \Phi_2^8\ \Phi_1^9$
67968	1161	2340	$\frac{1}{26}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{180}\ \Phi_{60}\ \Phi_{52}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}$ $\Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
67969	1161	3276	$\frac{1}{26}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{25}{52}$	$\Phi_{3276}\ \Phi_{468}\ \Phi_{252}\ \Phi_{63}\ \Phi_{52}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
67970	1161	728	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{25}{52}$	$\Phi_{728}^2\ \Phi_{182}^2\ \Phi_{104}^2\ \Phi_{91}^2\ \Phi_{56}^3\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_8^3\ \Phi_7^2$ $\Phi_4^2\ \Phi_2^2\ \Phi_1^3$
67971	1161	260	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{9}{52}$	$\frac{25}{52}$	$\Phi_{260}^4\ \Phi_{130}^6\ \Phi_{65}^6\ \Phi_{52}^2\ \Phi_{26}^3\ \Phi_{20}^4\ \Phi_{13}^3\ \Phi_{10}^5\ \Phi_5^5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
67972	1161	624	$\frac{1}{26}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{25}{52}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{48}^3\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{13}^2$ $\Phi_{12}\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
67973	1161	2548	$\frac{1}{26}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{25}{52}$	$\Phi_{2548}\ \Phi_{196}\ \Phi_{52}\ \Phi_{49}\ \Phi_4\ \Phi_1$
67974	1161	1300	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{139}{1300}$	$\frac{121}{260}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{325}\ \Phi_{130}\ \Phi_{100}\ \Phi_{65}\ \Phi_{50}\ \Phi_{26}\ \Phi_{25}\ \Phi_{13}\ \Phi_1$
67975	1161	80	$\frac{1}{40}$	$\frac{3}{40}$	$\frac{13}{40}$	$\frac{37}{80}$	$\Phi_{80}^{27}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}^{27}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
67976	1161	560	$\frac{1}{28}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{560}^4\ \Phi_{112}^4\ \Phi_{80}^3\ \Phi_{28}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
67977	1161	80	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{37}{80}$	$\Phi_{80}^{27}\ \Phi_{16}^{27}\ \Phi_{10}^8\ \Phi_5^8\ \Phi_2^8\ \Phi_1^9$
67978	1161	1600	$\frac{1}{40}$	$\frac{39}{400}$	$\frac{439}{1600}$	$\frac{361}{800}$	$\Phi_{1600}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{64}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
67979	1161	140	$\frac{11}{140}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{140}^9\ \Phi_{70}^9\ \Phi_{35}^9\ \Phi_{28}^9\ \Phi_{14}^9\ \Phi_{10}^8\ \Phi_7^9\ \Phi_5^8\ \Phi_2^8\ \Phi_1^9$
67980	1161	390	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{4}{39}$	$\frac{35}{78}$	$\Phi_{390}^3\ \Phi_{195}^3\ \Phi_{130}^4\ \Phi_{65}^4\ \Phi_{39}^3\ \Phi_{30}^3\ \Phi_{26}\ \Phi_{15}^3\ \Phi_{13}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_3^3$ Φ_1^3
67981	1161	145	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{16}{145}$	$\frac{13}{29}$	$\Phi_{145}^9\ \Phi_{29}^4\ \Phi_5^9\ \Phi_1^5$
67982	1161	232	$\frac{1}{58}$	$\frac{13}{116}$	$\frac{19}{58}$	$\frac{103}{232}$	$\Phi_{232}^9\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_8^9\ \Phi_2^2\ \Phi_1^3$
67983	1161	232	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{13}{116}$	$\frac{103}{232}$	$\Phi_{232}^9\ \Phi_{29}^4\ \Phi_8^9\ \Phi_1^5$
67984	1161	2080	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{121}{1040}$	$\frac{919}{2080}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{160}\ \Phi_{130}\ \Phi_{65}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
67985	1161	64	$\frac{1}{64}$	$\frac{1}{8}$	$\frac{21}{64}$	$\frac{7}{16}$	$\Phi_{64}^{18}\ \Phi_{32}^{18}\ \Phi_{16}^{19}\ \Phi_8^{18}\ \Phi_4^{18}\ \Phi_2^{18}\ \Phi_1^{19}$
67986	1161	1184	$\frac{23}{1184}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1184}\ \Phi_{592}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}\ \Phi_{37}\ \Phi_{16}\ \Phi_1$
67987	1161	176	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{176}^{12}\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{16}^9\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
67988	1161	512	$\frac{3}{128}$	$\frac{1}{8}$	$\frac{125}{512}$	$\frac{7}{16}$	$\Phi_{512}^3\ \Phi_{256}^3\ \Phi_{16}\ \Phi_1$
67989	1161	160	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{31}{160}$	$\frac{7}{16}$	$\Phi_{160}^9\ \Phi_{80}^9\ \Phi_{40}^9\ \Phi_{20}^9\ \Phi_{16}\ \Phi_{10}^9\ \Phi_5^9\ \Phi_1$
67990	1161	400	$\frac{13}{400}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{80}^3\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{16}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1$
67991	1161	1216	$\frac{55}{1216}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
67992	1161	448	$\frac{3}{64}$	$\frac{1}{8}$	$\frac{61}{448}$	$\frac{7}{16}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{16}\ \Phi_{14}^3\ \Phi_7^3\ \Phi_1$
67993	1161	272	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{272}^8\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
67994	1161	48	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{48}^{27}\ \Phi_{24}^{27}\ \Phi_{16}^{19}\ \Phi_{12}^{27}\ \Phi_8^{18}\ \Phi_6^{27}\ \Phi_4^{18}\ \Phi_3^{27}\ \Phi_2^{18}\ \Phi_1^{19}$
67995	1161	416	$\frac{29}{416}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{416}^3\ \Phi_{208}^3\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{16}\ \Phi_{13}^3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
67996	1161	1280	$\frac{9}{128}$	$\frac{119}{1280}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
67997	1161	1624	$\frac{1}{58}$	$\frac{57}{406}$	$\frac{463}{1624}$	$\frac{349}{812}$	$\Phi_{1624}\ \Phi_{406}\ \Phi_{232}\ \Phi_{203}\ \Phi_{56}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
67998	1161	2000	$\frac{1}{40}$	$\frac{161}{1000}$	$\frac{39}{200}$	$\frac{839}{2000}$	$\Phi_{2000}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
67999	1161	160	$\frac{1}{40}$	$\frac{13}{80}$	$\frac{31}{160}$	$\frac{67}{160}$	$\Phi_{160}^6\ \Phi_{80}^9\ \Phi_{40}^8\ \Phi_{32}^6\ \Phi_{20}^8\ \Phi_{16}^9\ \Phi_{10}^8\ \Phi_8^8\ \Phi_5^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
68000	1161	385	$\frac{4}{385}$	$\frac{1}{5}$	$\frac{127}{385}$	$\frac{2}{5}$	$\Phi_{385}^3\ \Phi_{77}^3\ \Phi_{55}^3\ \Phi_{35}^3\ \Phi_{11}^3\ \Phi_7^3\ \Phi_5^4\ \Phi_1^5$
68001	1161	640	$\frac{1}{40}$	$\frac{13}{80}$	$\frac{67}{320}$	$\frac{253}{640}$	$\Phi_{640}^3\ \Phi_{128}^3\ \Phi_{80}^3\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
68002	1161	1040	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{25}{104}$	$\frac{79}{208}$	$\Phi_{1040}^2\ \Phi_{208}\ \Phi_{130}^2\ \Phi_{80}^2\ \Phi_{65}^2\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_1$
68003	1161	392	$\frac{5}{392}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{392}^3\ \Phi_{196}^3\ \Phi_{98}^3\ \Phi_{56}^3\ \Phi_{49}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
68004	1161	352	$\frac{1}{44}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{352}^4\ \Phi_{176}^4\ \Phi_{44}^3\ \Phi_{32}^3\ \Phi_{22}^3\ \Phi_{16}^3\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
68005	1161	336	$\frac{1}{28}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^4\ \Phi_{84}^4\ \Phi_{48}^3\ \Phi_{42}^4\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^4\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
68006	1161	308	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{308}^4\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{44}^3\ \Phi_{28}^4\ \Phi_{22}^3\ \Phi_{14}\ \Phi_{11}^3\ \Phi_7^3\ \Phi_4^3\ \Phi_1^3$
68007	1161	400	$\frac{13}{400}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{80}^3\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{25}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
68008	1161	924	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}^2\ \Phi_{44}^2\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{11}\ \Phi_7\ \Phi_4\ \Phi_3\ \Phi_1$
68009	1161	464	$\frac{1}{58}$	$\frac{77}{464}$	$\frac{19}{58}$	$\frac{39}{116}$	$\Phi_{464}^3\ \Phi_{232}^3\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_2^2\ \Phi_1^3$
68010	1161	388	$\frac{1}{97}$	$\frac{1}{4}$	$\frac{32}{97}$	$\frac{65}{194}$	$\Phi_{388}^4\ \Phi_{194}\ \Phi_{97}^3\ \Phi_4^3\ \Phi_1^3$
68011	1161	580	$\frac{1}{145}$	$\frac{48}{145}$	$\frac{193}{580}$	$\frac{97}{290}$	$\Phi_{580}^3\ \Phi_{145}^2\ \Phi_{116}^3\ \Phi_{29}^2\ \Phi_{20}^3\ \Phi_5^2\ \Phi_4^3\ \Phi_1^3$
68012	1161	585	$\frac{2}{45}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{117}^2\ \Phi_{65}^2\ \Phi_{45}^3\ \Phi_{15}^3\ \Phi_{13}^2\ \Phi_9^3\ \Phi_5^3\ \Phi_1^3$
68013	1161	180	$\frac{2}{45}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^9\ \Phi_{90}^4\ \Phi_{60}^7\ \Phi_{45}^5\ \Phi_{36}^9\ \Phi_{30}^3\ \Phi_{20}^9\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_{10}^4\ \Phi_9^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^9\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
68014	1161	64	$\frac{1}{64}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{21}{64}$	$\Phi_{64}^{18}\ \Phi_{32}^{18}\ \Phi_{16}^{18}\ \Phi_8^{18}\ \Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^{21}$
68015	1161	58	$\frac{1}{58}$	$\frac{13}{58}$	$\frac{15}{58}$	$\frac{19}{58}$	$\Phi_{58}^{20}\ \Phi_{29}^{20}\ \Phi_2^{20}\ \Phi_1^{21}$
68016	1161	388	$\frac{7}{388}$	$\frac{87}{388}$	$\frac{1}{4}$	$\frac{127}{388}$	$\Phi_{388}^3\ \Phi_{194}^3\ \Phi_{97}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
68017	1161	160	$\frac{1}{40}$	$\frac{31}{160}$	$\frac{9}{40}$	$\frac{13}{40}$	$\Phi_{160}^9\ \Phi_{80}^9\ \Phi_{40}^2\ \Phi_{32}^9\ \Phi_{20}^2\ \Phi_{16}^9\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
68018	1161	190	$\frac{7}{190}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{61}{190}$	$\Phi_{190}^6\ \Phi_{95}^6\ \Phi_{38}^6\ \Phi_{19}^6\ \Phi_{10}^8\ \Phi_5^8\ \Phi_2^8\ \Phi_1^9$
68019	1161	819	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{20}{63}$	$\Phi_{819}^2\ \Phi_{117}^2\ \Phi_{63}^3\ \Phi_{13}^2\ \Phi_9^3\ \Phi_1^3$
68020	1161	1260	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{20}{63}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}^2\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
68021	1161	145	$\frac{7}{145}$	$\frac{16}{145}$	$\frac{33}{145}$	$\frac{46}{145}$	$\Phi_{145}^8\ \Phi_{29}^8\ \Phi_5^8\ \Phi_1^9$
68022	1161	377	$\frac{20}{377}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{119}{377}$	$\Phi_{377}^3\ \Phi_{29}^4\ \Phi_{13}^3\ \Phi_1^5$
68023	1161	728	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{13}{56}$	$\frac{4}{13}$	$\Phi_{728}^2\ \Phi_{364}^2\ \Phi_{104}^2\ \Phi_{56}^3\ \Phi_{52}^2\ \Phi_{28}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_4^3\ \Phi_1^3$
68024	1161	260	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{52}$	$\frac{4}{13}$	$\Phi_{260}^6\ \Phi_{130}^4\ \Phi_{65}^4\ \Phi_{52}^3\ \Phi_{26}\ \Phi_{20}^6\ \Phi_{13}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^3\ \Phi_1^3$
68025	1161	624	$\frac{1}{13}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{4}{13}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_4^3\ \Phi_1^3$
68026	1161	637	$\frac{1}{13}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{4}{13}$	$\Phi_{637}^2\ \Phi_{49}^3\ \Phi_{13}^2\ \Phi_1^3$
68027	1161	50	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{7}{50}$	$\frac{3}{10}$	$\Phi_{50}^{27}\ \Phi_{25}^{27}\ \Phi_{10}^8\ \Phi_5^8\ \Phi_2^8\ \Phi_1^9$
68028	1161	420	$\frac{1}{28}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{60}^3\ \Phi_{42}^4\ \Phi_{30}^3\ \Phi_{28}^3\ \Phi_{21}^4\ \Phi_{15}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
68029	1161	60	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{60}$	$\Phi_{60}^{27}\ \Phi_{30}^{27}\ \Phi_{15}^{27}\ \Phi_{12}^{27}\ \Phi_{10}^8\ \Phi_6^{27}\ \Phi_5^8\ \Phi_3^{27}\ \Phi_2^8\ \Phi_1^9$
68030	1161	225	$\frac{2}{45}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{225}^5\ \Phi_{75}^5\ \Phi_{45}^7\ \Phi_{25}^3\ \Phi_{15}^7\ \Phi_9^7\ \Phi_5^4\ \Phi_3^7\ \Phi_1^5$
68031	1161	58	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{13}{58}$	$\frac{15}{58}$	$\Phi_{58}^{18}\ \Phi_{29}^{22}\ \Phi_2^{18}\ \Phi_1^{23}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
68032	1161	520	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{121}{520}$	$\frac{133}{520}$	$\Phi_{520}^2\ \Phi_{260}^2\ \Phi_{130}^3\ \Phi_{104}^2\ \Phi_{65}^3\ \Phi_{52}^2\ \Phi_{40}^2\ \Phi_{26}^3\ \Phi_{20}^2\ \Phi_{13}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
68033	1161	44	$\frac{1}{44}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{44}^{27}\ \Phi_{22}^{27}\ \Phi_{11}^{27}\ \Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^{21}$
68034	1161	512	$\frac{3}{128}$	$\frac{125}{512}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{512}^3\ \Phi_{256}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
68035	1161	160	$\frac{1}{32}$	$\frac{31}{160}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{160}^9\ \Phi_{80}^9\ \Phi_{40}^9\ \Phi_{20}^9\ \Phi_{10}^9\ \Phi_5^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
68036	1161	400	$\frac{13}{400}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{80}^3\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
68037	1161	448	$\frac{3}{64}$	$\frac{61}{448}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
68038	1161	136	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{136}^9\ \Phi_{68}^9\ \Phi_{34}^9\ \Phi_{17}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
68039	1161	48	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{48}^{27}\ \Phi_{24}^{27}\ \Phi_{16}^{18}\ \Phi_{12}^{27}\ \Phi_8^{18}\ \Phi_6^{27}\ \Phi_4^{20}\ \Phi_3^{27}\ \Phi_2^{20}\ \Phi_1^{21}$
68040	1161	416	$\frac{29}{416}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{416}^3\ \Phi_{208}^3\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
68041	1161	280	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{56}$	$\frac{1}{4}$	$\Phi_{280}^6\ \Phi_{140}^2\ \Phi_{70}^4\ \Phi_{56}^3\ \Phi_{40}^6\ \Phi_{35}^4\ \Phi_{28}\ \Phi_{20}^4\ \Phi_{14}^2\ \Phi_{10}^5\ \Phi_8^3\ \Phi_7^2\ \Phi_5^5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
68042	1161	240	$\frac{1}{10}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^6\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{40}^6\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{16}^3\ \Phi_{15}^4\ \Phi_{12}\ \Phi_{10}^5\ \Phi_8^3\ \Phi_6^2\ \Phi_5^5\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
68043	1161	980	$\frac{1}{10}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{980}^2\ \Phi_{490}\ \Phi_{245}\ \Phi_{196}\ \Phi_{49}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
68044	1161	145	$\frac{13}{145}$	$\frac{16}{145}$	$\frac{28}{145}$	$\frac{33}{145}$	$\Phi_{145}^8\ \Phi_{29}^8\ \Phi_5^8\ \Phi_1^9$
68045	1161	160	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{31}{160}$	$\frac{9}{40}$	$\Phi_{160}^9\ \Phi_{80}^9\ \Phi_{32}^9\ \Phi_{16}^9\ \Phi_{10}^8\ \Phi_5^8\ \Phi_2^8\ \Phi_1^9$
68046	1161	50	$\frac{1}{10}$	$\frac{7}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{50}^{22}\ \Phi_{25}^{23}\ \Phi_{10}^{26}\ \Phi_5^{26}\ \Phi_2^{26}\ \Phi_1^{27}$
68047	1162	1158	$\frac{2}{579}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{577}{1158}$	$\Phi_{1158}^2\ \Phi_{386}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68048	1162	2328	$\frac{1}{194}$	$\frac{195}{776}$	$\frac{1}{3}$	$\frac{193}{388}$	$\Phi_{2328}\ \Phi_{582}\ \Phi_{291}\ \Phi_{24}\ \Phi_6$
68049	1162	660	$\frac{1}{165}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{82}{165}$	$\Phi_{660}^3\ \Phi_{220}^3\ \Phi_{165}\ \Phi_{132}^3\ \Phi_{60}^3\ \Phi_{55}\ \Phi_{44}^3\ \Phi_{33}\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{11}\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
68050	1162	495	$\frac{1}{165}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{82}{165}$	$\Phi_{495}^3\ \Phi_{165}\ \Phi_{99}^3\ \Phi_{55}\ \Phi_{45}^3\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_9^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
68051	1162	1032	$\frac{1}{129}$	$\frac{65}{516}$	$\frac{451}{1032}$	$\frac{64}{129}$	$\Phi_{1032}^2\ \Phi_{344}^2\ \Phi_{129}\ \Phi_{43}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
68052	1162	774	$\frac{1}{129}$	$\frac{193}{774}$	$\frac{65}{258}$	$\frac{64}{129}$	$\Phi_{774}^2\ \Phi_{387}^2\ \Phi_{129}\ \Phi_{43}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
68053	1162	1152	$\frac{5}{576}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{571}{1152}$	$\Phi_{1152}^2\ \Phi_{384}^2\ \Phi_{128}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
68054	1162	1152	$\frac{5}{576}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{571}{1152}$	$\Phi_{1152}^2\ \Phi_{384}^2\ \Phi_{128}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68055	1162	2132	$\frac{1}{82}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{81}{164}$	$\Phi_{2132}\ \Phi_{164}^2\ \Phi_{52}\ \Phi_{13}\ \Phi_4^2\ \Phi_1^2$
68056	1162	984	$\frac{1}{82}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{81}{164}$	$\Phi_{984}^2\ \Phi_{492}\ \Phi_{246}^2\ \Phi_{123}^2\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
68057	1162	1118	$\frac{1}{43}$	$\frac{22}{559}$	$\frac{537}{1118}$	$\frac{21}{43}$	$\Phi_{1118}^2\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{26}^2\ \Phi_2^2\ \Phi_1^2$
68058	1162	162	$\frac{2}{81}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{79}{162}$	$\Phi_{162}^{14}\ \Phi_{54}^{14}\ \Phi_{27}\ \Phi_{18}^{14}\ \Phi_9\ \Phi_6^{14}\ \Phi_3\ \Phi_2^{14}\ \Phi_1^2$
68059	1162	810	$\frac{2}{81}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{810}^3\ \Phi_{270}^3\ \Phi_{162}^2\ \Phi_{90}^3\ \Phi_{54}^2\ \Phi_{30}^3\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68060	1162	1125	$\frac{37}{1125}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{544}{1125}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{225}\ \Phi_{125}\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
68061	1162	702	$\frac{4}{117}$	$\frac{1}{9}$	$\frac{121}{702}$	$\frac{113}{234}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{117}^2\ \Phi_{54}^2\ \Phi_{39}^2\ \Phi_{27}^2\ \Phi_{13}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
68062	1162	1680	$\frac{1}{28}$	$\frac{1}{15}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
68063	1162	108	$\frac{1}{27}$	$\frac{2}{27}$	$\frac{25}{108}$	$\frac{13}{27}$	$\Phi_{108}^{14}\ \Phi_{54}^{14}\ \Phi_{36}^{14}\ \Phi_{27}\ \Phi_{18}^{14}\ \Phi_{12}^{14}\ \Phi_9\ \Phi_6^{14}\ \Phi_4^{14}\ \Phi_3\ \Phi_2^{14}\ \Phi_1^2$
68064	1162	648	$\frac{1}{27}$	$\frac{67}{648}$	$\frac{14}{81}$	$\frac{13}{27}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68065	1162	480	$\frac{3}{80}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{480}^5\ \Phi_{160}^4\ \Phi_{96}^5\ \Phi_{60}\ \Phi_{32}^4\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
68066	1162	780	$\frac{5}{78}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{73}{156}$	$\Phi_{780}^3\ \Phi_{260}^3\ \Phi_{156}^2\ \Phi_{60}^3\ \Phi_{52}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
68067	1162	1080	$\frac{1}{27}$	$\frac{41}{540}$	$\frac{13}{54}$	$\frac{499}{1080}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{40}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68068	1162	1080	$\frac{41}{540}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{499}{1080}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
68069	1162	1599	$\frac{1}{41}$	$\frac{1}{13}$	$\frac{40}{123}$	$\frac{6}{13}$	$\Phi_{1599}\ \Phi_{123}^2\ \Phi_{39}\ \Phi_{13}\ \Phi_3^2\ \Phi_1^2$
68070	1162	2310	$\frac{1}{15}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{154}$	$\Phi_{2310}\ \Phi_{770}\ \Phi_{462}\ \Phi_{330}\ \Phi_{210}\ \Phi_{110}\ \Phi_{105}\ \Phi_{70}\ \Phi_{66}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{10}\ \Phi_6$
68071	1162	480	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{11}{24}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{96}^2\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68072	1162	90	$\frac{7}{90}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{90}$	$\Phi_{90}^{12}\ \Phi_{45}^{14}\ \Phi_{30}^{12}\ \Phi_{18}^{12}\ \Phi_{15}^{14}\ \Phi_{10}^{12}\ \Phi_9^{13}\ \Phi_6^{12}\ \Phi_5^{14}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
68073	1162	1053	$\frac{8}{117}$	$\frac{109}{1053}$	$\frac{1}{9}$	$\frac{472}{1053}$	$\Phi_{1053}\ \Phi_{351}^2\ \Phi_{117}^2\ \Phi_{81}\ \Phi_{39}^2\ \Phi_{27}\ \Phi_{13}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
68074	1162	864	$\frac{5}{288}$	$\frac{1}{9}$	$\frac{283}{864}$	$\frac{4}{9}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
68075	1162	594	$\frac{13}{594}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
68076	1162	720	$\frac{5}{144}$	$\frac{1}{9}$	$\frac{139}{720}$	$\frac{4}{9}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
68077	1162	612	$\frac{31}{612}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
68078	1162	648	$\frac{5}{72}$	$\frac{67}{648}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
68079	1162	86	$\frac{3}{86}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{86}^{14}\ \Phi_{43}^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
68080	1162	1032	$\frac{1}{43}$	$\frac{65}{516}$	$\frac{21}{86}$	$\frac{451}{1032}$	$\Phi_{1032}^2\ \Phi_{344}^2\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
68081	1162	720	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{144}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{144}^2\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68082	1162	84	$\frac{1}{84}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{84}^{14}\ \Phi_{42}^{14}\ \Phi_{28}^{14}\ \Phi_{21}^{14}\ \Phi_{14}^{14}\ \Phi_{12}^{12}\ \Phi_7^{14}\ \Phi_6^{14}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
68083	1162	660	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{27}{110}$	$\frac{5}{12}$	$\Phi_{660}^3\ \Phi_{220}^3\ \Phi_{132}^3\ \Phi_{110}^2\ \Phi_{60}^3\ \Phi_{55}\ \Phi_{44}^3\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{12}^4\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
68084	1162	1020	$\frac{2}{85}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1020}^2\ \Phi_{340}^2\ \Phi_{204}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{60}\ \Phi_{20}\ \Phi_{17}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
68085	1162	396	$\frac{1}{33}$	$\frac{16}{99}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{396}^6\ \Phi_{132}^3\ \Phi_{99}^2\ \Phi_{44}^3\ \Phi_{36}^6\ \Phi_{33}\ \Phi_{12}^4\ \Phi_{11}\ \Phi_9^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
68086	1162	264	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{264}^4\ \Phi_{132}^3\ \Phi_{88}^6\ \Phi_{66}^4\ \Phi_{44}^5\ \Phi_{33}^4\ \Phi_{24}^4\ \Phi_{22}^6\ \Phi_{12}^4\ \Phi_{11}^5\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^6$
68087	1162	180	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{180}^{12}\ \Phi_{90}^2\ \Phi_{60}^9\ \Phi_{45}^2\ \Phi_{36}^{12}\ \Phi_{30}^2\ \Phi_{20}^9\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^{10}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68088	1162	420	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{57}{140}$	$\Phi_{420}^5\ \Phi_{210}\ \Phi_{140}^4\ \Phi_{105}\ \Phi_{84}^5\ \Phi_{70}\ \Phi_{60}^5\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{20}^4\ \Phi_{12}^5\ \Phi_{10}\ \Phi_6\ \Phi_4^4$
68089	1162	2910	$\frac{1}{97}$	$\frac{96}{485}$	$\frac{1}{3}$	$\frac{389}{970}$	$\Phi_{2910}\ \Phi_{582}\ \Phi_{291}\ \Phi_{30}\ \Phi_6$
68090	1162	420	$\frac{1}{84}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^2\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
68091	1162	648	$\frac{1}{27}$	$\frac{67}{648}$	$\frac{13}{54}$	$\frac{41}{108}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68092	1162	936	$\frac{4}{117}$	$\frac{1}{9}$	$\frac{113}{468}$	$\frac{355}{936}$	$\Phi_{936}^2\ \Phi_{312}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{72}^2\ \Phi_{39}^2\ \Phi_{24}^2\ \Phi_{13}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
68093	1162	688	$\frac{1}{43}$	$\frac{107}{688}$	$\frac{21}{86}$	$\frac{65}{172}$	$\Phi_{688}^2\ \Phi_{344}^2\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
68094	1162	1320	$\frac{5}{88}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
68095	1162	129	$\frac{1}{43}$	$\frac{6}{43}$	$\frac{37}{129}$	$\frac{46}{129}$	$\Phi_{129}^7\ \Phi_{43}^{13}\ \Phi_3^7\ \Phi_1^{14}$
68096	1162	86	$\frac{3}{86}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{86}^{14}\ \Phi_{43}^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
68097	1162	891	$\frac{1}{27}$	$\frac{26}{297}$	$\frac{271}{891}$	$\frac{310}{891}$	$\Phi_{891}\ \Phi_{297}^2\ \Phi_{99}^2\ \Phi_{81}\ \Phi_{33}^2\ \Phi_{27}\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
68098	1162	630	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{630}^3\ \Phi_{210}^3\ \Phi_{126}^2\ \Phi_{105}^3\ \Phi_{90}^3\ \Phi_{70}^3\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
68099	1162	873	$\frac{2}{291}$	$\frac{289}{873}$	$\frac{1}{3}$	$\frac{292}{873}$	$\Phi_{873}\ \Phi_{291}^2\ \Phi_{97}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
68100	1162	252	$\frac{1}{84}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^2\ \Phi_{63}^6\ \Phi_{42}^2\ \Phi_{36}^6\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}^6\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68101	1162	495	$\frac{2}{165}$	$\frac{2}{9}$	$\frac{163}{495}$	$\frac{1}{3}$	$\Phi_{495}^2\ \Phi_{165}^3\ \Phi_{99}^2\ \Phi_{55}^3\ \Phi_{45}^2\ \Phi_{33}^3\ \Phi_{15}^3\ \Phi_{11}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
68102	1162	864	$\frac{5}{288}$	$\frac{1}{6}$	$\frac{283}{864}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68103	1162	984	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{40}{123}$	$\frac{1}{3}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{328}^2\ \Phi_{246}\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
68104	1162	594	$\frac{13}{594}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68105	1162	990	$\frac{1}{55}$	$\frac{2}{9}$	$\frac{27}{110}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}\ \Phi_{198}^2\ \Phi_{110}^2\ \Phi_{99}\ \Phi_{90}^2\ \Phi_{55}\ \Phi_{45}\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
68106	1162	768	$\frac{5}{192}$	$\frac{1}{6}$	$\frac{187}{768}$	$\frac{1}{3}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}^2\ \Phi_{128}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68107	1162	540	$\frac{1}{15}$	$\frac{2}{27}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{108}^2\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68108	1162	765	$\frac{2}{85}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{765}^2\ \Phi_{153}^2\ \Phi_{85}^2\ \Phi_{45}\ \Phi_{17}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
68109	1162	99	$\frac{1}{33}$	$\frac{16}{99}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{99}^{11}\ \Phi_{33}^{13}\ \Phi_{11}^{13}\ \Phi_9^{12}\ \Phi_3^{13}\ \Phi_1^{14}$
68110	1162	792	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{99}\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
68111	1162	90	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{90}^{14}\ \Phi_{45}^{11}\ \Phi_{30}^{14}\ \Phi_{18}^{14}\ \Phi_{15}^{13}\ \Phi_{10}^{14}\ \Phi_9^{12}\ \Phi_6^{14}\ \Phi_5^{13}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
68112	1162	600	$\frac{19}{600}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68113	1162	720	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{139}{720}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68114	1162	612	$\frac{31}{612}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68115	1162	96	$\frac{5}{96}$	$\frac{13}{96}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{96}^{12}\ \Phi_{48}^{12}\ \Phi_{32}^{12}\ \Phi_{24}^{12}\ \Phi_{16}^{12}\ \Phi_{12}^{12}\ \Phi_8^{12}\ \Phi_6^{14}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
68116	1162	624	$\frac{43}{624}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68117	1162	648	$\frac{5}{72}$	$\frac{67}{648}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68118	1162	702	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{121}{702}$	$\frac{109}{351}$	$\Phi_{702}^2\ \Phi_{351}\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{54}^2\ \Phi_{39}^2\ \Phi_{27}\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68119	1162	120	$\frac{1}{15}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{120}^9\ \Phi_{60}^{10}\ \Phi_{40}^{10}\ \Phi_{30}^{10}\ \Phi_{24}^9\ \Phi_{20}^{11}\ \Phi_{15}^9\ \Phi_{12}^{10}\ \Phi_{10}^{11}\ \Phi_8^{10}\ \Phi_6^{10}\ \Phi_5^{10}\ \Phi_4^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
68120	1162	540	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{135}^3\ \Phi_{108}^2\ \Phi_{60}^3\ \Phi_{54}^2\ \Phi_{30}^3\ \Phi_{27}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68121	1162	675	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{94}{675}$	$\frac{41}{135}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
68122	1162	810	$\frac{1}{27}$	$\frac{41}{270}$	$\frac{13}{54}$	$\frac{229}{810}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68123	1162	810	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{270}$	$\frac{229}{810}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
68124	1162	774	$\frac{1}{43}$	$\frac{21}{86}$	$\frac{193}{774}$	$\frac{65}{258}$	$\Phi_{774}^2\ \Phi_{387}^2\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
68125	1162	480	$\frac{1}{15}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{480}^3\ \Phi_{240}^2\ \Phi_{160}^3\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{60}^3\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^3\ \Phi_{24}\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68126	1162	300	$\frac{1}{15}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{300}^5\ \Phi_{150}^5\ \Phi_{100}^4\ \Phi_{75}^5\ \Phi_{60}\ \Phi_{50}^4\ \Phi_{30}\ \Phi_{25}^4\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
68127	1162	720	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{139}{720}$	$\frac{41}{180}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
68128	1162	675	$\frac{1}{9}$	$\frac{94}{675}$	$\frac{37}{225}$	$\frac{8}{45}$	$\Phi_{675}^2\ \Phi_{225}\ \Phi_{135}^2\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
68129	1163	1992	$\frac{1}{166}$	$\frac{167}{996}$	$\frac{829}{1992}$	$\frac{165}{332}$	$\Phi_{1992}\ \Phi_{664}\ \Phi_{332}\ \Phi_{24}\ \Phi_8\ \Phi_4\ \Phi_1$
68130	1163	2296	$\frac{15}{1148}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{1133}{2296}$	$\Phi_{2296}\ \Phi_{328}\ \Phi_{56}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
68131	1163	2268	$\frac{29}{1134}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1105}{2268}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{324}\ \Phi_{252}\ \Phi_{108}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
68132	1163	1568	$\frac{13}{392}$	$\frac{1}{14}$	$\frac{405}{1568}$	$\frac{379}{784}$	$\Phi_{1568}\ \Phi_{392}\ \Phi_{224}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{32}\ \Phi_{28}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
68133	1163	2240	$\frac{43}{1120}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1077}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
68134	1163	2184	$\frac{71}{1092}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1021}{2184}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{168}\ \Phi_{104}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
68135	1163	1344	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{181}{1344}$	$\frac{155}{336}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
68136	1163	2156	$\frac{1}{14}$	$\frac{85}{1078}$	$\frac{13}{98}$	$\frac{993}{2156}$	$\Phi_{2156}\ \Phi_{308}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{44}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
68137	1163	2016	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{155}{1008}$	$\frac{853}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
68138	1163	1992	$\frac{1}{83}$	$\frac{167}{996}$	$\frac{82}{249}$	$\frac{829}{1992}$	$\Phi_{1992}\ \Phi_{664}\ \Phi_{249}\ \Phi_{24}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
68139	1163	1960	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{183}{980}$	$\frac{797}{1960}$	$\Phi_{1960}\ \Phi_{392}\ \Phi_{280}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{40}\ \Phi_{28}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
68140	1163	1660	$\frac{1}{83}$	$\frac{82}{415}$	$\frac{497}{1660}$	$\frac{333}{830}$	$\Phi_{1660}\ \Phi_{415}\ \Phi_{332}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
68141	1163	1232	$\frac{69}{1232}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{176}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
68142	1163	1764	$\frac{13}{294}$	$\frac{1}{14}$	$\frac{281}{882}$	$\frac{601}{1764}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{49}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
68143	1163	1494	$\frac{1}{83}$	$\frac{331}{1494}$	$\frac{82}{249}$	$\frac{167}{498}$	$\Phi_{1494}\ \Phi_{747}\ \Phi_{249}\ \Phi_{18}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
68144	1163	1512	$\frac{1}{14}$	$\frac{29}{378}$	$\frac{349}{1512}$	$\frac{13}{42}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
68145	1163	1260	$\frac{1}{14}$	$\frac{97}{1260}$	$\frac{29}{126}$	$\frac{13}{42}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
68146	1163	1680	$\frac{1}{14}$	$\frac{43}{560}$	$\frac{13}{56}$	$\frac{517}{1680}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
68147	1163	1512	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{349}{1512}$	$\frac{155}{504}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
68148	1163	1344	$\frac{1}{14}$	$\frac{181}{1344}$	$\frac{43}{224}$	$\frac{13}{56}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
68149	1163	1400	$\frac{1}{14}$	$\frac{43}{280}$	$\frac{237}{1400}$	$\frac{13}{56}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{200}\ \Phi_{175}\ \Phi_{100}\ \Phi_{56}\ \Phi_{50}\ \Phi_{28}\ \Phi_{25}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
68150	1164	1740	$\frac{1}{290}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{289}{580}$	$\Phi_{1740}\ \Phi_{580}^2\ \Phi_{348}\ \Phi_{116}^2\ \Phi_{60}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
68151	1164	965	$\frac{1}{193}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{96}{193}$	$\Phi_{965}\ \Phi_{193}^2\ \Phi_{5}^2\ \Phi_{1}^4$
68152	1164	2316	$\frac{1}{193}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{96}{193}$	$\Phi_{2316}\ \Phi_{1158}\ \Phi_{12}^2\ \Phi_{6}^2$
68153	1164	1163	$\frac{7}{1163}$	$\frac{195}{1163}$	$\frac{484}{1163}$	$\frac{578}{1163}$	$\Phi_{1163}\ \Phi_{1}^2$
68154	1164	1556	$\frac{3}{389}$	$\frac{1}{4}$	$\frac{98}{389}$	$\frac{193}{389}$	$\Phi_{1556}\ \Phi_{778}$
68155	1164	1163	$\frac{9}{1163}$	$\frac{290}{1163}$	$\frac{293}{1163}$	$\frac{577}{1163}$	$\Phi_{1163}\ \Phi_{1}^2$
68156	1164	1749	$\frac{5}{583}$	$\frac{98}{583}$	$\frac{1}{3}$	$\frac{289}{583}$	$\Phi_{1749}\ \Phi_{159}\ \Phi_{33}$
68157	1164	2112	$\frac{1}{96}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{95}{192}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{11}\ \Phi_{1}^2$
68158	1164	1344	$\frac{1}{96}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{95}{192}$	$\Phi_{1344}^2\ \Phi_{448}^2\ \Phi_{21}$
68159	1164	2112	$\frac{1}{96}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{95}{192}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{11}\ \Phi_{1}^2$
68160	1164	960	$\frac{1}{96}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{95}{192}$	$\Phi_{960}^3\ \Phi_{320}^3\ \Phi_{20}\ \Phi_{10}$
68161	1164	910	$\frac{1}{65}$	$\frac{1}{7}$	$\frac{33}{130}$	$\frac{32}{65}$	$\Phi_{910}^2\ \Phi_{455}\ \Phi_{182}^2\ \Phi_{91}\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{14}^2$
68162	1164	1716	$\frac{5}{286}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{281}{572}$	$\Phi_{1716}^2\ \Phi_{156}^2\ \Phi_{132}^2\ \Phi_{33}\ \Phi_{12}^2$
68163	1164	318	$\frac{1}{53}$	$\frac{9}{106}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{318}^6\ \Phi_{159}^5\ \Phi_{6}^6\ \Phi_{3}^4$
68164	1164	1330	$\frac{2}{95}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{93}{190}$	$\Phi_{1330}^2\ \Phi_{266}^2\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{14}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
68165	1164	819	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{20}{117}$	$\frac{19}{39}$	$\Phi_{819}^2\ \Phi_{273}\ \Phi_{91}\ \Phi_{63}^2\ \Phi_{21}$
68166	1164	182	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{85}{182}$	$\Phi_{182}^{12}\ \Phi_{91}\ \Phi_{26}^{12}\ \Phi_{14}^{12}\ \Phi_{2}^{12}$
68167	1164	105	$\frac{1}{15}$	$\frac{8}{105}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{105}^{11}\ \Phi_{35}^{11}\ \Phi_{21}^{11}\ \Phi_{15}^{12}\ \Phi_{7}^{10}\ \Phi_{5}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
68168	1164	1456	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{15}{112}$	$\frac{13}{28}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{208}\ \Phi_{182}\ \Phi_{104}\ \Phi_{91}\ \Phi_{26}$
68169	1164	728	$\frac{7}{104}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{728}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{91}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2$
68170	1164	1260	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{1}{7}$	$\frac{83}{180}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}$
68171	1164	99	$\frac{2}{99}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{99}^{12}\ \Phi_{33}^{11}\ \Phi_{11}^{12}\ \Phi_{9}^{12}\ \Phi_{3}^{10}\ \Phi_{1}^{12}$
68172	1164	1584	$\frac{1}{48}$	$\frac{1}{11}$	$\frac{47}{144}$	$\frac{5}{11}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{144}^2\ \Phi_{99}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{1}^2$
68173	1164	1100	$\frac{3}{100}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{220}\ \Phi_{110}\ \Phi_{100}^2\ \Phi_{55}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{1}^2$
68174	1164	1408	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{31}{128}$	$\frac{5}{11}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{11}\ \Phi_{1}^2$
68175	1164	1320	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{23}{120}$	$\frac{5}{11}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{120}^2\ \Phi_{110}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{1}^2$
68176	1164	1122	$\frac{5}{102}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{374}\ \Phi_{187}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{11}\ \Phi_{1}^2$
68177	1164	1232	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{15}{112}$	$\frac{5}{11}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{112}^2\ \Phi_{77}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_{7}^2\ \Phi_{1}^2$
68178	1164	1144	$\frac{7}{104}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{1144}\ \Phi_{572}\ \Phi_{286}\ \Phi_{143}\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{11}\ \Phi_{1}^2$
68179	1164	1188	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{108}$	$\frac{5}{11}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{108}^2\ \Phi_{99}\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{1}^2$
68180	1164	1590	$\frac{1}{53}$	$\frac{26}{265}$	$\frac{1}{3}$	$\frac{239}{530}$	$\Phi_{1590}^2\ \Phi_{318}^2\ \Phi_{159}\ \Phi_{30}^2\ \Phi_{6}^2$
68181	1164	2184	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{13}{84}$	$\frac{71}{168}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{182}\ \Phi_{104}\ \Phi_{91}\ \Phi_{26}$
68182	1164	1470	$\frac{1}{98}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{294}^2\ \Phi_{210}\ \Phi_{147}^2\ \Phi_{105}\ \Phi_{42}^2\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{6}^2$
68183	1164	700	$\frac{3}{100}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{14}^2$
68184	1164	1274	$\frac{1}{98}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1274}\ \Phi_{637}\ \Phi_{182}\ \Phi_{91}\ \Phi_{26}$
68185	1164	1092	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{19}{78}$	$\frac{59}{156}$	$\Phi_{1092}^2\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{91}\ \Phi_{84}^2\ \Phi_{28}^2\ \Phi_{21}$
68186	1164	1480	$\frac{5}{296}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1480}\ \Phi_{740}\ \Phi_{370}\ \Phi_{185}\ \Phi_{20}\ \Phi_{10}$
68187	1164	730	$\frac{1}{73}$	$\frac{1}{5}$	$\frac{24}{73}$	$\frac{49}{146}$	$\Phi_{730}^3\ \Phi_{365}\ \Phi_{10}^3$
68188	1164	1163	$\frac{8}{1163}$	$\frac{385}{1163}$	$\frac{387}{1163}$	$\frac{389}{1163}$	$\Phi_{1163}\ \Phi_{1}^2$
68189	1164	1749	$\frac{4}{583}$	$\frac{193}{583}$	$\frac{1}{3}$	$\frac{195}{583}$	$\Phi_{1749}\ \Phi_{159}\ \Phi_{33}$
68190	1164	435	$\frac{1}{145}$	$\frac{48}{145}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{435}^2\ \Phi_{145}^4\ \Phi_{87}^2\ \Phi_{29}^4\ \Phi_{15}^2\ \Phi_{5}^4\ \Phi_{3}^3\ \Phi_{1}^6$
68191	1164	588	$\frac{1}{98}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{588}^2\ \Phi_{294}\ \Phi_{196}^4\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{84}^2\ \Phi_{49}^2\ \Phi_{42}\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
68192	1164	885	$\frac{4}{295}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{885}\ \Phi_{295}^2\ \Phi_{177}\ \Phi_{59}^2\ \Phi_{3}\ \Phi_{1}^2$
68193	1164	348	$\frac{1}{58}$	$\frac{19}{116}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{348}^3\ \Phi_{174}^2\ \Phi_{116}^6\ \Phi_{87}^2\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_{12}^3\ \Phi_{6}^2\ \Phi_{4}^6\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
68194	1164	693	$\frac{2}{99}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{21}$
68195	1164	300	$\frac{3}{100}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{100}^6\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^6\ \Phi_{30}^2\ \Phi_{25}^6\ \Phi_{20}^6\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_{6}^2\ \Phi_{5}^4\ \Phi_{4}^6\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
68196	1164	957	$\frac{1}{29}$	$\frac{28}{319}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{957}\ \Phi_{319}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_{3}\ \Phi_{1}^2$
68197	1164	1008	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{47}{144}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{21}$
68198	1164	429	$\frac{5}{143}$	$\frac{1}{11}$	$\frac{46}{143}$	$\frac{1}{3}$	$\Phi_{429}^4\ \Phi_{39}^4\ \Phi_{33}^5\ \Phi_{3}^4$
68199	1164	318	$\frac{2}{53}$	$\frac{9}{106}$	$\frac{17}{53}$	$\frac{1}{3}$	$\Phi_{318}^6\ \Phi_{159}^5\ \Phi_{6}^6\ \Phi_{3}^4$
68200	1164	99	$\frac{2}{99}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{99}^{12}\ \Phi_{33}^{11}\ \Phi_{11}^{12}\ \Phi_{9}^{12}\ \Phi_{3}^{10}\ \Phi_{1}^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
68201	1164	795	$\frac{1}{53}$	$\frac{52}{265}$	$\frac{71}{265}$	$\frac{1}{3}$	$\Phi_{795}^2\ \Phi_{159}^3\ \Phi_{15}^2\ \Phi_3^2$
68202	1164	1980	$\frac{2}{99}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{110}\ \Phi_{90}\ \Phi_{20}\ \Phi_{10}$
68203	1164	2100	$\frac{3}{100}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{21}$
68204	1164	2688	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{31}{128}$	$\frac{1}{3}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{21}$
68205	1164	924	$\frac{17}{308}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{231}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{12}^2$
68206	1164	840	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{23}{120}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{21}$
68207	1164	2145	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{133}{715}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{195}\ \Phi_{165}\ \Phi_{33}\ \Phi_{15}$
68208	1164	714	$\frac{5}{102}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{21}$
68209	1164	318	$\frac{9}{106}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{3}$	$\Phi_{318}^6\ \Phi_{159}^5\ \Phi_6^6\ \Phi_3^4$
68210	1164	336	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{84}^5\ \Phi_{48}^6\ \Phi_{42}^5\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^6$
68211	1164	2184	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{273}\ \Phi_{21}$
68212	1164	756	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{21}$
68213	1164	1584	$\frac{1}{48}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{47}{144}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{144}^2\ \Phi_{99}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
68214	1164	720	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{47}{144}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{180}^3\ \Phi_{90}^3\ \Phi_{45}^3\ \Phi_{20}\ \Phi_{10}$
68215	1164	1995	$\frac{4}{95}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{91}{285}$	$\Phi_{1995}\ \Phi_{399}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
68216	1164	1575	$\frac{1}{15}$	$\frac{31}{225}$	$\frac{1}{7}$	$\frac{14}{45}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{175}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
68217	1164	1638	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{29}{126}$	$\frac{13}{42}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{234}\ \Phi_{182}\ \Phi_{117}\ \Phi_{91}\ \Phi_{26}$
68218	1164	273	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{7}$	$\frac{79}{273}$	$\Phi_{273}^6\ \Phi_{91}\ \Phi_{39}^6\ \Phi_{21}^6\ \Phi_3^6$
68219	1164	945	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{7}{45}$	$\frac{38}{135}$	$\Phi_{945}^2\ \Phi_{189}^2\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
68220	1164	1100	$\frac{3}{100}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{220}\ \Phi_{110}\ \Phi_{100}^2\ \Phi_{55}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
68221	1164	1408	$\frac{1}{32}$	$\frac{2}{11}$	$\frac{31}{128}$	$\frac{3}{11}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{11}\ \Phi_1^2$
68222	1164	1320	$\frac{1}{24}$	$\frac{2}{11}$	$\frac{23}{120}$	$\frac{3}{11}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{120}^2\ \Phi_{110}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
68223	1164	1122	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{374}\ \Phi_{187}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{11}\ \Phi_1^2$
68224	1164	1232	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{112}^2\ \Phi_{77}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_1^2$
68225	1164	1144	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1144}\ \Phi_{572}\ \Phi_{286}\ \Phi_{143}\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{11}\ \Phi_1^2$
68226	1164	1188	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{108}^2\ \Phi_{99}\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
68227	1164	100	$\frac{3}{100}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{100}^{12}\ \Phi_{50}^{12}\ \Phi_{25}^{12}\ \Phi_{20}^{10}\ \Phi_{10}^{10}\ \Phi_5^9\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
68228	1164	640	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{31}{128}$	$\frac{1}{4}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{20}\ \Phi_{10}$
68229	1164	120	$\frac{1}{24}$	$\frac{23}{120}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{120}^9\ \Phi_{60}^9\ \Phi_{40}^9\ \Phi_{30}^9\ \Phi_{24}^{12}\ \Phi_{20}^{10}\ \Phi_{15}^9\ \Phi_{12}^{12}\ \Phi_{10}^{10}\ \Phi_8^{12}\ \Phi_6^{12}\ \Phi_5^9\ \Phi_4^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
68230	1164	1520	$\frac{13}{304}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{20}\ \Phi_{10}$
68231	1164	1020	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1020}^2\ \Phi_{510}\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{170}\ \Phi_{85}\ \Phi_{20}\ \Phi_{10}$
68232	1164	560	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{20}\ \Phi_{10}$
68233	1164	520	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{520}^3\ \Phi_{260}^3\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{20}\ \Phi_{10}$
68234	1164	540	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{90}^3\ \Phi_{45}^3\ \Phi_{20}\ \Phi_{10}$
68235	1164	320	$\frac{29}{320}$	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{320}^4\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{64}^4\ \Phi_{40}^3\ \Phi_{32}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
68236	1164	840	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{23}{120}$	$\frac{7}{30}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
68237	1165	464	$\frac{1}{232}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{231}{464}$	$\Phi_{464}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
68238	1165	462	$\frac{2}{231}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{229}{462}$	$\Phi_{462}^2\ \Phi_{231}^3\ \Phi_{154}^2\ \Phi_{77}^3\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{11}^3\ \Phi_7^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
68239	1165	2304	$\frac{13}{1152}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1139}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{24}\ \Phi_8\ \Phi_1$
68240	1165	2304	$\frac{13}{1152}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1139}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{18}\ \Phi_9\ \Phi_1$
68241	1165	2304	$\frac{13}{1152}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1139}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{16}\ \Phi_8\ \Phi_1$
68242	1165	312	$\frac{1}{78}$	$\frac{1}{6}$	$\frac{79}{312}$	$\frac{77}{156}$	$\Phi_{312}^5\ \Phi_{104}^5\ \Phi_{78}^5\ \Phi_{39}^5\ \Phi_{26}^5\ \Phi_{24}^5\ \Phi_{13}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
68243	1165	1404	$\frac{5}{234}$	$\frac{1}{6}$	$\frac{239}{1404}$	$\frac{229}{468}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{234}\ \Phi_{117}\ \Phi_{108}\ \Phi_{78}\ \Phi_{54}\ \Phi_{39}\ \Phi_{27}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_1$
68244	1165	456	$\frac{5}{228}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{223}{456}$	$\Phi_{456}^5\ \Phi_{152}^5\ \Phi_{24}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
68245	1165	450	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{217}{450}$	$\Phi_{450}^2\ \Phi_{225}^3\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}^3\ \Phi_{50}^2\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{18}^5\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_9^5\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
68246	1165	780	$\frac{1}{26}$	$\frac{27}{260}$	$\frac{1}{6}$	$\frac{25}{52}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}\ \Phi_{195}^2\ \Phi_{130}\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
68247	1165	1326	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{209}{442}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{221}\ \Phi_{102}\ \Phi_{78}^2\ \Phi_{51}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{17}\ \Phi_{13}\ \Phi_6\ \Phi_3\ \Phi_1$
68248	1165	252	$\frac{1}{18}$	$\frac{19}{252}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{252}^5\ \Phi_{126}^5\ \Phi_{84}^5\ \Phi_{63}^5\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{21}^5\ \Phi_{18}^5\ \Phi_{14}^5\ \Phi_9^5\ \Phi_7^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
68249	1165	1248	$\frac{5}{78}$	$\frac{83}{1248}$	$\frac{1}{6}$	$\frac{73}{156}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{32}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_1$
68250	1165	1344	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{179}{1344}$	$\frac{157}{336}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
68251	1165	2184	$\frac{5}{78}$	$\frac{73}{1092}$	$\frac{1}{6}$	$\frac{1019}{2184}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{168}\ \Phi_{104}\ \Phi_{78}\ \Phi_{56}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_8\ \Phi_1$
68252	1165	2184	$\frac{73}{1092}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1019}{2184}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{168}\ \Phi_{104}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
68253	1165	432	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{1}{6}$	$\frac{199}{432}$	$\Phi_{432}^5\ \Phi_{144}^5\ \Phi_{48}^5\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
68254	1165	1728	$\frac{13}{576}$	$\frac{1}{12}$	$\frac{563}{1728}$	$\frac{11}{24}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
68255	1165	240	$\frac{7}{240}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{60}^5\ \Phi_{48}^4\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{16}^4\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
68256	1165	1536	$\frac{13}{384}$	$\frac{1}{12}$	$\frac{371}{1536}$	$\frac{11}{24}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_{24}\ \Phi_8\ \Phi_1$
68257	1165	288	$\frac{13}{288}$	$\frac{1}{12}$	$\frac{55}{288}$	$\frac{11}{24}$	$\Phi_{288}^4\ \Phi_{144}^4\ \Phi_{96}^4\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{32}^4\ \Phi_{24}^5\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
68258	1165	1224	$\frac{59}{1224}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_8\ \Phi_1$
68259	1165	1248	$\frac{83}{1248}$	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{11}{24}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_8\ \Phi_1$
68260	1165	1344	$\frac{13}{192}$	$\frac{1}{12}$	$\frac{179}{1344}$	$\frac{11}{24}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
68261	1165	1296	$\frac{1}{12}$	$\frac{13}{144}$	$\frac{131}{1296}$	$\frac{11}{24}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
68262	1165	1248	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{1}{6}$	$\frac{183}{416}$	$\Phi_{1248}^2\ \Phi_{416}\ \Phi_{96}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_6\ \Phi_3\ \Phi_1$
68263	1165	2016	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{157}{1008}$	$\frac{851}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
68264	1165	240	$\frac{7}{240}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{60}^5\ \Phi_{48}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{16}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
68265	1165	1184	$\frac{19}{1184}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1184}\ \Phi_{592}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}\ \Phi_{37}\ \Phi_{16}\ \Phi_8\ \Phi_1$
68266	1165	390	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{38}{195}$	$\frac{157}{390}$	$\Phi_{390}^2\ \Phi_{195}^3\ \Phi_{130}^2\ \Phi_{78}^5\ \Phi_{65}^3\ \Phi_{39}^5\ \Phi_{30}^2\ \Phi_{26}^5\ \Phi_{15}^3\ \Phi_{13}^5\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
68267	1165	291	$\frac{2}{97}$	$\frac{19}{97}$	$\frac{58}{291}$	$\frac{39}{97}$	$\Phi_{291}^5\ \Phi_{97}^2\ \Phi_3^5\ \Phi_1^3$
68268	1165	388	$\frac{2}{97}$	$\frac{19}{97}$	$\frac{39}{194}$	$\frac{155}{388}$	$\Phi_{388}^5\ \Phi_{97}^2\ \Phi_4^5\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
68269	1165	1872	$\frac{5}{234}$	$\frac{1}{6}$	$\frac{229}{936}$	$\frac{707}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{18}\ \Phi_{16}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
68270	1165	696	$\frac{1}{116}$	$\frac{1}{4}$	$\frac{115}{348}$	$\frac{3}{8}$	$\Phi_{696}^{4}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{24}^{4}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
68271	1165	472	$\frac{3}{236}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{472}^{4}\ \Phi_{236}\ \Phi_{118}\ \Phi_{59}\ \Phi_{8}\ \Phi_{1}$
68272	1165	1160	$\frac{1}{58}$	$\frac{57}{290}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1160}^{2}\ \Phi_{290}\ \Phi_{145}\ \Phi_{40}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
68273	1165	1392	$\frac{5}{232}$	$\frac{227}{1392}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
68274	1165	240	$\frac{7}{240}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{240}^{5}\ \Phi_{120}^{5}\ \Phi_{80}^{5}\ \Phi_{60}^{5}\ \Phi_{48}^{5}\ \Phi_{40}^{5}\ \Phi_{30}^{5}\ \Phi_{24}^{5}\ \Phi_{20}^{5}\ \Phi_{16}^{5}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{8}\ \Phi_{6}^{5}\ \Phi_{5}^{5}\ \Phi_{3}^{5}\ \Phi_{1}$
68275	1165	2088	$\frac{1}{29}$	$\frac{28}{261}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{261}\ \Phi_{87}\ \Phi_{72}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
68276	1165	1188	$\frac{23}{1188}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{66}\ \Phi_{54}\ \Phi_{44}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
68277	1165	1752	$\frac{3}{292}$	$\frac{1}{4}$	$\frac{289}{876}$	$\frac{587}{1752}$	$\Phi_{1752}\ \Phi_{584}\ \Phi_{292}\ \Phi_{146}\ \Phi_{73}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
68278	1165	264	$\frac{2}{33}$	$\frac{31}{264}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{264}^{5}\ \Phi_{132}^{5}\ \Phi_{88}^{5}\ \Phi_{66}^{2}\ \Phi_{44}^{5}\ \Phi_{33}^{3}\ \Phi_{24}^{5}\ \Phi_{22}^{2}\ \Phi_{12}^{5}\ \Phi_{11}^{3}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
68279	1165	252	$\frac{19}{252}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{252}^{5}\ \Phi_{126}^{5}\ \Phi_{84}^{5}\ \Phi_{63}^{5}\ \Phi_{42}^{2}\ \Phi_{36}^{5}\ \Phi_{28}^{5}\ \Phi_{21}^{3}\ \Phi_{18}^{5}\ \Phi_{14}^{2}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
68280	1165	1728	$\frac{13}{576}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{563}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
68281	1165	1728	$\frac{13}{576}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{563}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
68282	1165	342	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{109}{342}$	$\Phi_{342}^{5}\ \Phi_{171}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
68283	1165	270	$\frac{1}{18}$	$\frac{37}{270}$	$\frac{1}{6}$	$\frac{17}{54}$	$\Phi_{270}^{5}\ \Phi_{135}^{5}\ \Phi_{90}^{5}\ \Phi_{45}^{5}\ \Phi_{30}^{5}\ \Phi_{18}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
68284	1165	1512	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{347}{1512}$	$\frac{157}{504}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
68285	1165	1638	$\frac{5}{78}$	$\frac{73}{546}$	$\frac{1}{6}$	$\frac{473}{1638}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{234}\ \Phi_{126}\ \Phi_{117}\ \Phi_{78}\ \Phi_{63}\ \Phi_{39}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
68286	1165	324	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{1}{6}$	$\frac{91}{324}$	$\Phi_{324}^{5}\ \Phi_{162}^{5}\ \Phi_{81}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
68287	1165	288	$\frac{13}{288}$	$\frac{1}{6}$	$\frac{55}{288}$	$\frac{5}{18}$	$\Phi_{288}^{4}\ \Phi_{144}^{4}\ \Phi_{96}^{4}\ \Phi_{72}^{4}\ \Phi_{48}^{4}\ \Phi_{36}^{4}\ \Phi_{32}^{4}\ \Phi_{24}^{4}\ \Phi_{18}^{5}\ \Phi_{16}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
68288	1165	1224	$\frac{59}{1224}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
68289	1165	1296	$\frac{13}{144}$	$\frac{131}{1296}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
68290	1165	240	$\frac{7}{240}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{240}^{5}\ \Phi_{120}^{5}\ \Phi_{80}^{5}\ \Phi_{60}^{5}\ \Phi_{48}^{4}\ \Phi_{40}^{5}\ \Phi_{30}^{5}\ \Phi_{24}^{4}\ \Phi_{20}^{5}\ \Phi_{16}^{5}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{10}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
68291	1165	312	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{25}{104}$	$\frac{79}{312}$	$\Phi_{312}^{3}\ \Phi_{156}^{3}\ \Phi_{104}^{4}\ \Phi_{78}^{5}\ \Phi_{52}^{4}\ \Phi_{39}^{5}\ \Phi_{26}^{5}\ \Phi_{24}^{3}\ \Phi_{13}^{5}\ \Phi_{12}^{3}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
68292	1165	1536	$\frac{13}{384}$	$\frac{3}{16}$	$\frac{371}{1536}$	$\frac{1}{4}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
68293	1165	1216	$\frac{51}{1216}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
68294	1165	288	$\frac{13}{288}$	$\frac{3}{16}$	$\frac{55}{288}$	$\frac{1}{4}$	$\Phi_{288}^{4}\ \Phi_{144}^{4}\ \Phi_{96}^{4}\ \Phi_{72}^{4}\ \Phi_{48}^{4}\ \Phi_{36}^{4}\ \Phi_{32}^{4}\ \Phi_{24}^{4}\ \Phi_{18}^{4}\ \Phi_{16}^{5}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
68295	1165	1248	$\frac{83}{1248}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
68296	1165	1344	$\frac{13}{192}$	$\frac{179}{1344}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
68297	1165	256	$\frac{23}{256}$	$\frac{13}{128}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{256}^{5}\ \Phi_{128}^{4}\ \Phi_{64}^{4}\ \Phi_{32}^{4}\ \Phi_{16}^{5}\ \Phi_{8}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
68298	1165	1296	$\frac{13}{144}$	$\frac{131}{1296}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
68299	1165	288	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{55}{288}$	$\frac{17}{72}$	$\Phi_{288}^{5}\ \Phi_{144}^{5}\ \Phi_{96}^{5}\ \Phi_{48}^{5}\ \Phi_{32}^{5}\ \Phi_{18}^{5}\ \Phi_{16}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
68300	1165	270	$\frac{1}{9}$	$\frac{37}{270}$	$\frac{1}{6}$	$\frac{8}{45}$	$\Phi_{270}^{5}\ \Phi_{135}^{5}\ \Phi_{90}^{2}\ \Phi_{54}^{5}\ \Phi_{45}^{3}\ \Phi_{30}^{2}\ \Phi_{27}^{5}\ \Phi_{18}^{5}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
68301	1166	932	$\frac{1}{233}$	$\frac{117}{466}$	$\frac{349}{932}$	$\frac{116}{233}$	$\Phi_{932}^{2}\ \Phi_{233}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
68302	1166	1160	$\frac{3}{580}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{577}{1160}$	$\Phi_{1160}^{2}\ \Phi_{232}^{2}\ \Phi_{40}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
68303	1166	3480	$\frac{3}{580}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{577}{1160}$	$\Phi_{3480}\ \Phi_{696}\ \Phi_{120}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
68304	1166	420	$\frac{1}{105}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{52}{105}$	$\Phi_{420}^{5}\ \Phi_{140}^{5}\ \Phi_{105}\ \Phi_{84}^{5}\ \Phi_{60}^{5}\ \Phi_{35}\ \Phi_{28}^{5}\ \Phi_{21}\ \Phi_{20}^{6}\ \Phi_{15}\ \Phi_{12}^{5}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{3}\ \Phi_{1}^{2}$
68305	1166	105	$\frac{1}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{52}{105}$	$\Phi_{105}^{11}\ \Phi_{35}^{11}\ \Phi_{21}^{11}\ \Phi_{15}^{12}\ \Phi_{7}^{11}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
68306	1166	780	$\frac{2}{195}$	$\frac{1}{5}$	$\frac{197}{780}$	$\frac{193}{390}$	$\Phi_{780}^{2}\ \Phi_{260}^{2}\ \Phi_{195}^{2}\ \Phi_{156}^{2}\ \Phi_{65}^{2}\ \Phi_{60}^{2}\ \Phi_{52}^{2}\ \Phi_{39}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{13}^{2}\ \Phi_{12}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
68307	1166	1152	$\frac{7}{576}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{569}{1152}$	$\Phi_{1152}^{2}\ \Phi_{384}^{2}\ \Phi_{128}^{2}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
68308	1166	2184	$\frac{1}{52}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{51}{104}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{168}\ \Phi_{104}^{2}\ \Phi_{56}\ \Phi_{24}\ \Phi_{21}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
68309	1166	312	$\frac{1}{52}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{312}^{7}\ \Phi_{104}^{8}\ \Phi_{24}^{7}\ \Phi_{12}^{2}\ \Phi_{8}^{8}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
68310	1166	728	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{51}{104}$	$\Phi_{728}^{3}\ \Phi_{104}^{4}\ \Phi_{56}^{3}\ \Phi_{14}^{2}\ \Phi_{8}^{4}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
68311	1166	1140	$\frac{13}{570}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{557}{1140}$	$\Phi_{1140}^{2}\ \Phi_{380}^{2}\ \Phi_{228}^{2}\ \Phi_{76}^{2}\ \Phi_{60}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
68312	1166	650	$\frac{2}{65}$	$\frac{67}{650}$	$\frac{1}{5}$	$\frac{63}{130}$	$\Phi_{650}^{2}\ \Phi_{325}^{2}\ \Phi_{65}^{2}\ \Phi_{50}^{2}\ \Phi_{25}^{2}\ \Phi_{13}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
68313	1166	1125	$\frac{41}{1125}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{542}{1125}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{225}\ \Phi_{125}\ \Phi_{75}\ \Phi_{45}^{2}\ \Phi_{25}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
68314	1166	2346	$\frac{2}{51}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{2346}\ \Phi_{782}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
68315	1166	630	$\frac{2}{45}$	$\frac{47}{630}$	$\frac{1}{5}$	$\frac{43}{90}$	$\Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{210}^{2}\ \Phi_{126}^{2}\ \Phi_{105}^{2}\ \Phi_{70}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
68316	1166	546	$\frac{1}{26}$	$\frac{1}{21}$	$\frac{25}{78}$	$\frac{10}{21}$	$\Phi_{546}^{2}\ \Phi_{273}^{2}\ \Phi_{182}^{2}\ \Phi_{91}^{2}\ \Phi_{78}^{3}\ \Phi_{42}^{2}\ \Phi_{39}^{3}\ \Phi_{26}^{2}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{13}^{2}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
68317	1166	168	$\frac{1}{21}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{168}^{7}\ \Phi_{84}^{6}\ \Phi_{56}^{8}\ \Phi_{42}^{6}\ \Phi_{28}^{7}\ \Phi_{24}^{7}\ \Phi_{21}^{7}\ \Phi_{14}^{7}\ \Phi_{12}^{6}\ \Phi_{8}^{8}\ \Phi_{7}^{8}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
68318	1166	1365	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{10}{21}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{195}\ \Phi_{105}\ \Phi_{65}^{2}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
68319	1166	1105	$\frac{61}{1105}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{522}{1105}$	$\Phi_{1105}\ \Phi_{221}\ \Phi_{85}\ \Phi_{65}^{2}\ \Phi_{17}\ \Phi_{13}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
68320	1166	1656	$\frac{1}{23}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{414}\ \Phi_{207}\ \Phi_{184}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
68321	1166	1080	$\frac{2}{45}$	$\frac{43}{540}$	$\frac{1}{5}$	$\frac{497}{1080}$	$\Phi_{1080}^{2}\ \Phi_{360}^{2}\ \Phi_{216}^{2}\ \Phi_{120}^{2}\ \Phi_{72}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{24}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
68322	1166	540	$\frac{1}{54}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{540}^{4}\ \Phi_{180}^{4}\ \Phi_{108}^{4}\ \Phi_{60}^{3}\ \Phi_{54}^{2}\ \Phi_{36}^{4}\ \Phi_{27}^{2}\ \Phi_{20}^{4}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
68323	1166	140	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{17}{70}$	$\frac{9}{20}$	$\Phi_{140}^{15}\ \Phi_{70}^{2}\ \Phi_{35}\ \Phi_{28}^{15}\ \Phi_{20}^{16}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^{16}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
68324	1166	220	$\frac{2}{55}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{220}^{10}\ \Phi_{55}^{2}\ \Phi_{44}^{10}\ \Phi_{20}^{6}\ \Phi_{11}^{2}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
68325	1166	1260	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{10}{63}$	$\frac{9}{20}$	$\Phi_{1260}^{2}\ \Phi_{420}\ \Phi_{252}^{2}\ \Phi_{180}^{2}\ \Phi_{140}\ \Phi_{84}\ \Phi_{63}^{2}\ \Phi_{60}\ \Phi_{36}^{2}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
68326	1166	280	$\frac{3}{56}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{280}^{4}\ \Phi_{140}^{3}\ \Phi_{70}^{4}\ \Phi_{56}^{6}\ \Phi_{40}^{4}\ \Phi_{35}^{4}\ \Phi_{28}^{5}\ \Phi_{20}^{4}\ \Phi_{14}^{6}\ \Phi_{10}^{4}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
68327	1166	60	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{7}{60}$	$\frac{9}{20}$	$\Phi_{60}^{17}\ \Phi_{30}^{22}\ \Phi_{20}^{18}\ \Phi_{15}^{21}\ \Phi_{12}^{17}\ \Phi_{10}^{22}\ \Phi_{6}^{22}\ \Phi_{5}^{21}\ \Phi_{4}^{18}\ \Phi_{3}^{21}\ \Phi_{2}^{22}\ \Phi_{1}^{22}$
68328	1166	2208	$\frac{1}{23}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
68329	1166	1040	$\frac{2}{65}$	$\frac{63}{520}$	$\frac{1}{5}$	$\frac{457}{1040}$	$\Phi_{1040}^{2}\ \Phi_{208}^{2}\ \Phi_{80}^{2}\ \Phi_{65}^{2}\ \Phi_{16}^{2}\ \Phi_{13}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
68330	1166	1776	$\frac{9}{592}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{444}\ \Phi_{222}\ \Phi_{111}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
68331	1166	600	$\frac{17}{600}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{600}^{2}\ \Phi_{300}^{2}\ \Phi_{200}^{2}\ \Phi_{150}^{2}\ \Phi_{120}^{2}\ \Phi_{100}^{2}\ \Phi_{75}^{2}\ \Phi_{60}^{2}\ \Phi_{50}^{2}\ \Phi_{40}^{2}\ \Phi_{25}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
68332	1166	3066	$\frac{1}{73}$	$\frac{72}{511}$	$\frac{1}{3}$	$\frac{439}{1022}$	$\Phi_{3066}\ \Phi_{438}\ \Phi_{219}\ \Phi_{42}\ \Phi_{6}$
68333	1166	1380	$\frac{1}{23}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{230}\ \Phi_{138}\ \Phi_{115}\ \Phi_{69}\ \Phi_{46}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
68334	1166	2070	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{2070}\ \Phi_{690}\ \Phi_{414}\ \Phi_{230}\ \Phi_{207}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
68335	1166	975	$\frac{4}{195}$	$\frac{191}{975}$	$\frac{1}{5}$	$\frac{392}{975}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{195}^2\ \Phi_{75}\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
68336	1166	870	$\frac{3}{290}$	$\frac{1}{5}$	$\frac{287}{870}$	$\frac{2}{5}$	$\Phi_{870}^2\ \Phi_{435}^2\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
68337	1166	590	$\frac{7}{590}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{590}^2\ \Phi_{295}^2\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_5\ \Phi_1^2$
68338	1166	725	$\frac{3}{145}$	$\frac{142}{725}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{725}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
68339	1166	600	$\frac{17}{600}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
68340	1166	1926	$\frac{1}{107}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1926}\ \Phi_{642}\ \Phi_{321}\ \Phi_{214}$
68341	1166	1712	$\frac{1}{107}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1712}\ \Phi_{428}\ \Phi_{214}$
68342	1166	876	$\frac{1}{146}$	$\frac{145}{438}$	$\frac{1}{3}$	$\frac{293}{876}$	$\Phi_{876}^2\ \Phi_{438}\ \Phi_{292}^2\ \Phi_{219}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
68343	1166	864	$\frac{7}{288}$	$\frac{1}{8}$	$\frac{281}{864}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
68344	1166	156	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{156}^8\ \Phi_{78}^7\ \Phi_{52}^8\ \Phi_{39}^7\ \Phi_{26}^6\ \Phi_{13}^6\ \Phi_{12}^{10}\ \Phi_6^9\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
68345	1166	600	$\frac{17}{600}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
68346	1166	270	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{270}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{54}^6\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{27}^6\ \Phi_{18}^6\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_9^6\ \Phi_6^6\ \Phi_5^2\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
68347	1166	696	$\frac{3}{116}$	$\frac{113}{696}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{696}^2\ \Phi_{348}\ \Phi_{232}^2\ \Phi_{174}\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68348	1166	600	$\frac{17}{600}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68349	1166	168	$\frac{3}{56}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^7\ \Phi_{84}^7\ \Phi_{56}^8\ \Phi_{42}^7\ \Phi_{28}^8\ \Phi_{24}^7\ \Phi_{21}^7\ \Phi_{14}^8\ \Phi_{12}^2\ \Phi_8^8\ \Phi_7^8\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68350	1166	768	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{185}{768}$	$\frac{1}{3}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}^2\ \Phi_{128}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
68351	1166	1824	$\frac{25}{608}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
68352	1166	720	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{137}{720}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
68353	1166	780	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68354	1166	624	$\frac{41}{624}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{13}^2\ \Phi_{12}\ \Phi_6$
68355	1166	672	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{672}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_6$
68356	1166	1920	$\frac{57}{640}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
68357	1166	648	$\frac{7}{72}$	$\frac{65}{648}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
68358	1166	546	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{25}{78}$	$\Phi_{546}^3\ \Phi_{273}^3\ \Phi_{78}^4\ \Phi_{42}^3\ \Phi_{39}^4\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_7\ \Phi_6^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^2$
68359	1166	675	$\frac{2}{45}$	$\frac{92}{675}$	$\frac{1}{5}$	$\frac{43}{135}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
68360	1166	855	$\frac{13}{285}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{272}{855}$	$\Phi_{855}^2\ \Phi_{171}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
68361	1166	810	$\frac{2}{45}$	$\frac{43}{270}$	$\frac{1}{5}$	$\frac{227}{810}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
68362	1166	210	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{17}{70}$	$\frac{4}{15}$	$\Phi_{210}^{10}\ \Phi_{105}^5\ \Phi_{70}^2\ \Phi_{42}^{10}\ \Phi_{35}\ \Phi_{30}^{10}\ \Phi_{21}^5\ \Phi_{15}^6\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^{10}\ \Phi_5\ \Phi_3^6\ \Phi_2^2\ \Phi_1^2$
68363	1166	165	$\frac{2}{55}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{165}^{10}\ \Phi_{55}^2\ \Phi_{33}^{10}\ \Phi_{15}^6\ \Phi_{11}^2\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
68364	1166	315	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{315}^4\ \Phi_{105}^2\ \Phi_{63}^6\ \Phi_{45}^4\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_9^6\ \Phi_7^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
68365	1166	840	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
68366	1166	60	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{60}^{22}\ \Phi_{30}^{22}\ \Phi_{20}^{22}\ \Phi_{15}^{12}\ \Phi_{12}^{22}\ \Phi_{10}^{22}\ \Phi_6^{22}\ \Phi_5^{11}\ \Phi_4^{22}\ \Phi_3^{12}\ \Phi_2^{22}\ \Phi_1^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
68367	1166	630	$\frac{47}{630}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
68368	1166	1656	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{414}\ \Phi_{207}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
68369	1166	780	$\frac{2}{65}$	$\frac{1}{5}$	$\frac{63}{260}$	$\frac{197}{780}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
68370	1166	56	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{56}^{22}\ \Phi_{28}^{19}\ \Phi_{14}^{21}\ \Phi_8^{22}\ \Phi_7^{20}\ \Phi_4^{18}\ \Phi_2^{20}\ \Phi_1^{20}$
68371	1166	720	$\frac{2}{45}$	$\frac{137}{720}$	$\frac{1}{5}$	$\frac{43}{180}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
68372	1166	910	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{12}{65}$	$\frac{3}{14}$	$\Phi_{910}^2\ \Phi_{455}\ \Phi_{130}^2\ \Phi_{70}^2\ \Phi_{65}^2\ \Phi_{35}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
68373	1166	65	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{12}{65}$	$\frac{1}{5}$	$\Phi_{65}^{17}\ \Phi_{13}^{22}\ \Phi_5^{16}\ \Phi_1^{22}$
68374	1166	675	$\frac{4}{45}$	$\frac{92}{675}$	$\frac{41}{225}$	$\frac{1}{5}$	$\Phi_{675}^2\ \Phi_{225}\ \Phi_{135}^2\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
68375	1167	1548	$\frac{2}{387}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{385}{774}$	$\Phi_{1548}\ \Phi_{516}\ \Phi_{387}\ \Phi_{172}\ \Phi_{129}\ \Phi_{43}\ \Phi_{36}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
68376	1167	520	$\frac{1}{130}$	$\frac{1}{4}$	$\frac{131}{520}$	$\frac{129}{260}$	$\Phi_{520}^3\ \Phi_{260}^2\ \Phi_{130}\ \Phi_{104}^3\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{40}^3\ \Phi_{26}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
68377	1167	2120	$\frac{1}{106}$	$\frac{107}{1060}$	$\frac{953}{2120}$	$\frac{105}{212}$	$\Phi_{2120}\ \Phi_{424}\ \Phi_{212}\ \Phi_{40}\ \Phi_8\ \Phi_4\ \Phi_1$
68378	1167	1540	$\frac{4}{385}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{381}{770}$	$\Phi_{1540}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}\ \Phi_{77}\ \Phi_{55}\ \Phi_{44}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
68379	1167	468	$\frac{1}{78}$	$\frac{79}{468}$	$\frac{1}{4}$	$\frac{77}{156}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{156}^2\ \Phi_{117}^3\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{36}^3\ \Phi_{26}\ \Phi_{18}^3\ \Phi_{13}\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
68380	1167	768	$\frac{5}{384}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{379}{768}$	$\Phi_{768}^3\ \Phi_{256}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
68381	1167	2288	$\frac{23}{1144}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{1121}{2288}$	$\Phi_{2288}\ \Phi_{208}\ \Phi_{176}\ \Phi_{44}\ \Phi_{16}\ \Phi_4\ \Phi_1$
68382	1167	760	$\frac{9}{380}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{371}{760}$	$\Phi_{760}^3\ \Phi_{152}^3\ \Phi_{40}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
68383	1167	1508	$\frac{12}{377}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{365}{754}$	$\Phi_{1508}\ \Phi_{377}\ \Phi_{116}\ \Phi_{52}^2\ \Phi_{29}\ \Phi_{26}\ \Phi_{13}\ \Phi_4\ \Phi_1$
68384	1167	420	$\frac{1}{30}$	$\frac{31}{420}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^3\ \Phi_{60}^2\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_{10}\ \Phi_7^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
68385	1167	1500	$\frac{14}{375}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{361}{750}$	$\Phi_{1500}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}\ \Phi_{125}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
68386	1167	416	$\frac{1}{26}$	$\frac{27}{416}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{416}^3\ \Phi_{208}^3\ \Phi_{104}^3\ \Phi_{52}^2\ \Phi_{32}^3\ \Phi_{26}\ \Phi_{16}^3\ \Phi_{13}\ \Phi_8^3\ \Phi_4\ \Phi_1$
68387	1167	748	$\frac{15}{374}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{359}{748}$	$\Phi_{748}^3\ \Phi_{68}^3\ \Phi_{44}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
68388	1167	572	$\frac{23}{572}$	$\frac{1}{22}$	$\frac{183}{572}$	$\frac{21}{44}$	$\Phi_{572}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{52}^2\ \Phi_{44}^3\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
68389	1167	1232	$\frac{1}{22}$	$\frac{65}{1232}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{176}\ \Phi_{154}\ \Phi_{112}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
68390	1167	528	$\frac{1}{22}$	$\frac{7}{132}$	$\frac{139}{528}$	$\frac{125}{264}$	$\Phi_{528}^3\ \Phi_{176}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{48}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
68391	1167	728	$\frac{1}{26}$	$\frac{25}{364}$	$\frac{1}{4}$	$\frac{339}{728}$	$\Phi_{728}^3\ \Phi_{104}^3\ \Phi_{56}^3\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{13}\ \Phi_8^3\ \Phi_4\ \Phi_1$
68392	1167	720	$\frac{1}{30}$	$\frac{29}{360}$	$\frac{1}{4}$	$\frac{331}{720}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{144}^3\ \Phi_{80}^3\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
68393	1167	400	$\frac{11}{400}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{80}^3\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
68394	1167	704	$\frac{1}{22}$	$\frac{37}{352}$	$\frac{7}{44}$	$\frac{315}{704}$	$\Phi_{704}^3\ \Phi_{64}^3\ \Phi_{44}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
68395	1167	1404	$\frac{1}{39}$	$\frac{38}{351}$	$\frac{1}{4}$	$\frac{313}{702}$	$\Phi_{1404}\ \Phi_{468}\ \Phi_{351}\ \Phi_{156}^2\ \Phi_{117}\ \Phi_{108}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{36}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
68396	1167	440	$\frac{1}{22}$	$\frac{51}{440}$	$\frac{7}{44}$	$\frac{37}{88}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{55}^3\ \Phi_{44}^3\ \Phi_{40}^3\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{11}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
68397	1167	396	$\frac{7}{396}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^3\ \Phi_{99}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{36}^3\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_{11}^3\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
68398	1167	660	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{59}{330}$	$\frac{271}{660}$	$\Phi_{660}^3\ \Phi_{220}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{60}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
68399	1167	1300	$\frac{1}{65}$	$\frac{64}{325}$	$\frac{1}{4}$	$\frac{261}{650}$	$\Phi_{1300}\ \Phi_{325}\ \Phi_{260}^2\ \Phi_{130}\ \Phi_{100}\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
68400	1167	636	$\frac{1}{106}$	$\frac{71}{318}$	$\frac{35}{106}$	$\frac{247}{636}$	$\Phi_{636}^3\ \Phi_{212}^3\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
68401	1167	624	$\frac{1}{78}$	$\frac{77}{312}$	$\frac{1}{4}$	$\frac{235}{624}$	$\Phi_{624}^3\ \Phi_{208}^3\ \Phi_{156}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{48}^3\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}^3\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
68402	1167	1696	$\frac{1}{106}$	$\frac{105}{424}$	$\frac{529}{1696}$	$\frac{319}{848}$	$\Phi_{1696}\ \Phi_{424}\ \Phi_{212}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
68403	1167	583	$\frac{4}{583}$	$\frac{193}{583}$	$\frac{194}{583}$	$\frac{195}{583}$	$\Phi_{583}^2\ \Phi_{53}^2\ \Phi_{11}^2\ \Phi_1^3$
68404	1167	501	$\frac{2}{167}$	$\frac{112}{501}$	$\frac{55}{167}$	$\frac{1}{3}$	$\Phi_{501}^2\ \Phi_{167}^3\ \Phi_3\ \Phi_1^3$
68405	1167	516	$\frac{2}{129}$	$\frac{127}{516}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{516}^2\ \Phi_{258}^2\ \Phi_{172}^2\ \Phi_{129}^3\ \Phi_{86}^2\ \Phi_{43}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
68406	1167	396	$\frac{7}{396}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^3\ \Phi_{99}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{36}^2\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
68407	1167	468	$\frac{1}{39}$	$\frac{79}{468}$	$\frac{1}{4}$	$\frac{38}{117}$	$\Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^3\ \Phi_{117}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{36}^2\ \Phi_{26}^3\ \Phi_{18}^2\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
68408	1167	576	$\frac{5}{192}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{187}{576}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{144}^3\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
68409	1167	900	$\frac{1}{30}$	$\frac{61}{450}$	$\frac{1}{4}$	$\frac{29}{90}$	$\Phi_{900}^2\ \Phi_{450}\ \Phi_{300}^2\ \Phi_{225}\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{50}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
68410	1167	1140	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{181}{570}$	$\Phi_{1140}^2\ \Phi_{570}\ \Phi_{285}\ \Phi_{228}^2\ \Phi_{114}\ \Phi_{60}^2\ \Phi_{57}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
68411	1167	1092	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{1}{4}$	$\frac{157}{546}$	$\Phi_{1092}^2\ \Phi_{546}\ \Phi_{273}\ \Phi_{156}^2\ \Phi_{84}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{42}\ \Phi_{39}\ \Phi_{26}\ \Phi_{21}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
68412	1167	540	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{1}{4}$	$\frac{151}{540}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{60}^2\ \Phi_{54}^3\ \Phi_{30}\ \Phi_{27}^3\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
68413	1167	528	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{37}{176}$	$\frac{139}{528}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{48}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
68414	1167	480	$\frac{1}{30}$	$\frac{91}{480}$	$\frac{29}{120}$	$\frac{1}{4}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
68415	1167	408	$\frac{19}{408}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{408}^3\ \Phi_{204}^3\ \Phi_{136}^3\ \Phi_{102}^3\ \Phi_{68}^3\ \Phi_{51}^3\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
68416	1167	440	$\frac{4}{55}$	$\frac{51}{440}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{440}^3\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{88}^3\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{40}^3\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{11}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
68417	1167	420	$\frac{31}{420}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^2\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
68418	1167	480	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{91}{480}$	$\frac{1}{4}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
68419	1167	900	$\frac{1}{15}$	$\frac{61}{450}$	$\frac{14}{75}$	$\frac{1}{4}$	$\Phi_{900}^2\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}^2\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
68420	1167	432	$\frac{43}{432}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
68421	1168	291	$\frac{1}{291}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{145}{291}$	$\Phi_{291}^4\ \Phi_{97}^4\ \Phi_3^5\ \Phi_1^6$
68422	1168	1167	$\frac{5}{1167}$	$\frac{293}{1167}$	$\frac{437}{1167}$	$\frac{581}{1167}$	$\Phi_{1167}\ \Phi_{389}\ \Phi_3\ \Phi_1^2$
68423	1168	195	$\frac{1}{195}$	$\frac{49}{195}$	$\frac{1}{3}$	$\frac{97}{195}$	$\Phi_{195}^6\ \Phi_{65}^6\ \Phi_{39}^6\ \Phi_{15}^6\ \Phi_{13}^6\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
68424	1168	1161	$\frac{7}{1161}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{577}{1161}$	$\Phi_{1161}\ \Phi_{387}\ \Phi_{129}\ \Phi_{43}\ \Phi_{27}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
68425	1168	1015	$\frac{1}{145}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{72}{145}$	$\Phi_{1015}\ \Phi_{203}\ \Phi_{145}^2\ \Phi_{35}\ \Phi_{29}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
68426	1168	435	$\frac{1}{145}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{72}{145}$	$\Phi_{435}^4\ \Phi_{87}^4\ \Phi_{15}^5\ \Phi_3^4$
68427	1168	389	$\frac{3}{389}$	$\frac{49}{389}$	$\frac{170}{389}$	$\frac{193}{389}$	$\Phi_{389}^3\ \Phi_1^4$
68428	1168	389	$\frac{3}{389}$	$\frac{97}{389}$	$\frac{98}{389}$	$\frac{193}{389}$	$\Phi_{389}^3\ \Phi_1^4$
68429	1168	351	$\frac{1}{117}$	$\frac{59}{351}$	$\frac{1}{3}$	$\frac{58}{117}$	$\Phi_{351}^4\ \Phi_{117}^2\ \Phi_{39}^2\ \Phi_{27}^4\ \Phi_{13}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
68430	1168	1465	$\frac{3}{293}$	$\frac{1}{5}$	$\frac{74}{293}$	$\frac{145}{293}$	Φ_{1465}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
68431	1168	1167	$\frac{13}{1167}$	$\frac{218}{1167}$	$\frac{295}{1167}$	$\frac{577}{1167}$	$\Phi_{1167}\ \Phi_{389}\ \Phi_3\ \Phi_1^2$
68432	1168	1155	$\frac{13}{1155}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{571}{1155}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}\ \Phi_{33}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
68433	1168	585	$\frac{7}{585}$	$\frac{74}{585}$	$\frac{1}{3}$	$\frac{289}{585}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{117}^2\ \Phi_{65}^2\ \Phi_{45}^2\ \Phi_{39}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
68434	1168	720	$\frac{1}{72}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{71}{144}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{144}^4\ \Phi_{80}^3\ \Phi_{48}^4\ \Phi_{16}^4\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
68435	1168	144	$\frac{1}{72}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{71}{144}$	$\Phi_{144}^{16}\ \Phi_{48}^{16}\ \Phi_{16}^{16}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
68436	1168	720	$\frac{1}{72}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{71}{144}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{144}^4\ \Phi_{80}^3\ \Phi_{48}^4\ \Phi_{16}^4\ \Phi_5^3\ \Phi_1^4$
68437	1168	975	$\frac{1}{65}$	$\frac{33}{325}$	$\frac{1}{3}$	$\frac{32}{65}$	$\Phi_{975}^2\ \Phi_{195}\ \Phi_{75}^2\ \Phi_{39}\ \Phi_{15}$
68438	1168	882	$\frac{1}{49}$	$\frac{1}{9}$	$\frac{25}{98}$	$\frac{24}{49}$	$\Phi_{882}^2\ \Phi_{441}\ \Phi_{294}^2\ \Phi_{147}\ \Phi_{126}^2\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_6^2$
68439	1168	429	$\frac{3}{143}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{70}{143}$	$\Phi_{429}^4\ \Phi_{39}^5\ \Phi_{33}^4\ \Phi_3^4$
68440	1168	315	$\frac{1}{45}$	$\frac{23}{315}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{45}^2\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
68441	1168	285	$\frac{7}{285}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{139}{285}$	$\Phi_{285}^4\ \Phi_{95}^4\ \Phi_{57}^4\ \Phi_{19}^4\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
68442	1168	78	$\frac{1}{39}$	$\frac{5}{78}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{78}^{16}\ \Phi_{39}^{14}\ \Phi_{26}^{16}\ \Phi_{13}^{14}\ \Phi_6^{16}\ \Phi_3^{13}\ \Phi_2^{16}\ \Phi_1^{14}$
68443	1168	1131	$\frac{37}{1131}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{547}{1131}$	$\Phi_{1131}\ \Phi_{377}\ \Phi_{87}\ \Phi_{39}^2\ \Phi_{29}\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
68444	1168	1125	$\frac{43}{1125}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{541}{1125}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{225}\ \Phi_{125}\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
68445	1168	1260	$\frac{3}{70}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{67}{140}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{21}\ \Phi_{12}^2$
68446	1168	252	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{11}{84}$	$\frac{10}{21}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^4\ \Phi_{63}^3\ \Phi_{42}^4\ \Phi_{36}^6\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{18}^6\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_9^2\ \Phi_7^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
68447	1168	138	$\frac{4}{69}$	$\frac{5}{69}$	$\frac{1}{6}$	$\frac{65}{138}$	$\Phi_{138}^7\ \Phi_{69}^{10}\ \Phi_{46}^7\ \Phi_{23}^{10}\ \Phi_6^6\ \Phi_3^9\ \Phi_2^6\ \Phi_1^{10}$
68448	1168	75	$\frac{2}{75}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{75}^{16}\ \Phi_{25}^{16}\ \Phi_{15}^{14}\ \Phi_5^{14}\ \Phi_3^{13}\ \Phi_1^{14}$
68449	1168	540	$\frac{1}{36}$	$\frac{1}{15}$	$\frac{35}{108}$	$\frac{7}{15}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{135}^3\ \Phi_{108}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
68450	1168	1140	$\frac{3}{76}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
68451	1168	480	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{23}{96}$	$\frac{7}{15}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{96}^4\ \Phi_{80}^3\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{16}^4\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
68452	1168	90	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{17}{90}$	$\frac{7}{15}$	$\Phi_{90}^{13}\ \Phi_{45}^{13}\ \Phi_{30}^{13}\ \Phi_{18}^{12}\ \Phi_{15}^{14}\ \Phi_{10}^{13}\ \Phi_9^{12}\ \Phi_6^{12}\ \Phi_5^{14}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
68453	1168	390	$\frac{5}{78}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{390}^3\ \Phi_{195}^3\ \Phi_{130}^3\ \Phi_{78}^4\ \Phi_{65}^3\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{15}\ \Phi_{13}^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
68454	1168	420	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{7}{15}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{70}^3\ \Phi_{42}^4\ \Phi_{35}^3\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{15}\ \Phi_{14}^4\ \Phi_7^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
68455	1168	240	$\frac{1}{15}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{7}{15}$	$\Phi_{240}^5\ \Phi_{120}^4\ \Phi_{80}^6\ \Phi_{60}^4\ \Phi_{48}^5\ \Phi_{40}^5\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^5\ \Phi_{16}^6\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_5^6\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^6$
68456	1168	405	$\frac{1}{15}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{7}{15}$	$\Phi_{405}^3\ \Phi_{135}^3\ \Phi_{81}^4\ \Phi_{27}^4\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
68457	1168	273	$\frac{1}{39}$	$\frac{19}{273}$	$\frac{1}{3}$	$\frac{127}{273}$	$\Phi_{273}^4\ \Phi_{91}^4\ \Phi_{39}^6\ \Phi_{21}^4\ \Phi_{13}^6\ \Phi_7^4\ \Phi_3^5\ \Phi_1^6$
68458	1168	897	$\frac{7}{299}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{897}^2\ \Phi_{69}^2\ \Phi_{39}$
68459	1168	135	$\frac{1}{45}$	$\frac{11}{135}$	$\frac{1}{3}$	$\frac{62}{135}$	$\Phi_{135}^8\ \Phi_{45}^{10}\ \Phi_{27}^8\ \Phi_{15}^{10}\ \Phi_9^{10}\ \Phi_5^{10}\ \Phi_3^9\ \Phi_1^{10}$
68460	1168	1053	$\frac{2}{117}$	$\frac{115}{1053}$	$\frac{1}{3}$	$\frac{469}{1053}$	$\Phi_{1053}\ \Phi_{351}\ \Phi_{117}^2\ \Phi_{81}\ \Phi_{39}^2\ \Phi_{27}\ \Phi_{13}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
68461	1168	297	$\frac{5}{297}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{297}^4\ \Phi_{99}^4\ \Phi_{33}^4\ \Phi_{27}^4\ \Phi_{11}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
68462	1168	390	$\frac{1}{65}$	$\frac{8}{65}$	$\frac{1}{3}$	$\frac{57}{130}$	$\Phi_{390}^8\ \Phi_{195}\ \Phi_{78}^8\ \Phi_{39}\ \Phi_{30}^8\ \Phi_{15}\ \Phi_6^8$
68463	1168	1554	$\frac{1}{74}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1554}\ \Phi_{777}\ \Phi_{222}^2\ \Phi_{111}^2\ \Phi_{42}\ \Phi_6^2$
68464	1168	525	$\frac{2}{75}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}^2\ \Phi_{75}^4\ \Phi_{35}\ \Phi_{25}^4\ \Phi_{21}^2\ \Phi_{15}^4\ \Phi_7^2\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
68465	1168	609	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{14}{87}$	$\frac{3}{7}$	$\Phi_{609}^2\ \Phi_{203}\ \Phi_{87}^4\ \Phi_{29}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^4\ \Phi_1^4$
68466	1168	693	$\frac{4}{77}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}^2\ \Phi_{63}\ \Phi_{33}^2\ \Phi_{21}$
68467	1168	126	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{10}{63}$	$\frac{53}{126}$	$\Phi_{126}^{16}\ \Phi_{63}^3\ \Phi_{42}^{16}\ \Phi_{21}^2\ \Phi_{18}^{16}\ \Phi_{14}^{16}\ \Phi_9^2\ \Phi_7^2\ \Phi_6^{16}\ \Phi_3\ \Phi_2^{16}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
68468	1168	1258	$\frac{1}{74}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1258}\ \Phi_{629}\ \Phi_{34}$
68469	1168	975	$\frac{2}{195}$	$\frac{193}{975}$	$\frac{1}{3}$	$\frac{391}{975}$	$\Phi_{975}\ \Phi_{325}\ \Phi_{195}^2\ \Phi_{75}\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
68470	1168	885	$\frac{3}{295}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{885}^2\ \Phi_{177}^2\ \Phi_{15}$
68471	1168	1167	$\frac{11}{1167}$	$\frac{289}{1167}$	$\frac{364}{1167}$	$\frac{439}{1167}$	$\Phi_{1167}\ \Phi_{389}\ \Phi_3\ \Phi_1^2$
68472	1168	117	$\frac{1}{117}$	$\frac{29}{117}$	$\frac{1}{3}$	$\frac{44}{117}$	$\Phi_{117}^{10}\ \Phi_{39}^{10}\ \Phi_{13}^{10}\ \Phi_9^{10}\ \Phi_3^9\ \Phi_1^{10}$
68473	1168	147	$\frac{1}{147}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{147}^8\ \Phi_{49}^8\ \Phi_{21}^8\ \Phi_7^8\ \Phi_3^5\ \Phi_1^6$
68474	1168	873	$\frac{2}{291}$	$\frac{289}{873}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{873}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
68475	1168	291	$\frac{1}{97}$	$\frac{24}{97}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{291}^3\ \Phi_{97}^6\ \Phi_3^4\ \Phi_1^8$
68476	1168	1110	$\frac{1}{74}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1110}\ \Phi_{555}\ \Phi_{370}^2\ \Phi_{185}^2\ \Phi_{30}\ \Phi_{10}^2$
68477	1168	225	$\frac{2}{75}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{225}^6\ \Phi_{75}^4\ \Phi_{45}^6\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_9^2\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
68478	1168	435	$\frac{2}{145}$	$\frac{1}{5}$	$\frac{143}{435}$	$\frac{1}{3}$	$\Phi_{435}^2\ \Phi_{145}^4\ \Phi_{87}^2\ \Phi_{29}^4\ \Phi_{15}^3\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
68479	1168	351	$\frac{2}{117}$	$\frac{59}{351}$	$\frac{115}{351}$	$\frac{1}{3}$	$\Phi_{351}^3\ \Phi_{117}^4\ \Phi_{39}^4\ \Phi_{27}^3\ \Phi_{13}^4\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
68480	1168	675	$\frac{1}{45}$	$\frac{91}{675}$	$\frac{44}{135}$	$\frac{1}{3}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
68481	1168	108	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{35}{108}$	$\frac{1}{3}$	$\Phi_{108}^{16}\ \Phi_{54}^{16}\ \Phi_{27}^{16}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
68482	1168	429	$\frac{6}{143}$	$\frac{1}{13}$	$\frac{137}{429}$	$\frac{1}{3}$	$\Phi_{429}^2\ \Phi_{143}^4\ \Phi_{39}^3\ \Phi_{33}^2\ \Phi_{13}^4\ \Phi_{11}^4\ \Phi_3^2\ \Phi_1^4$
68483	1168	855	$\frac{14}{285}$	$\frac{1}{15}$	$\frac{271}{855}$	$\frac{1}{3}$	$\Phi_{855}^2\ \Phi_{171}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
68484	1168	819	$\frac{1}{39}$	$\frac{38}{273}$	$\frac{235}{819}$	$\frac{1}{3}$	$\Phi_{819}^2\ \Phi_{117}^2\ \Phi_{63}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
68485	1168	405	$\frac{1}{45}$	$\frac{22}{135}$	$\frac{113}{405}$	$\frac{1}{3}$	$\Phi_{405}^4\ \Phi_{81}^4\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
68486	1168	297	$\frac{5}{297}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{297}^4\ \Phi_{99}^4\ \Phi_{33}^4\ \Phi_{27}^3\ \Phi_{11}^4\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
68487	1168	195	$\frac{1}{65}$	$\frac{16}{65}$	$\frac{49}{195}$	$\frac{1}{3}$	$\Phi_{195}^5\ \Phi_{65}^8\ \Phi_{39}^5\ \Phi_{15}^5\ \Phi_{13}^8\ \Phi_5^8\ \Phi_3^4\ \Phi_1^8$
68488	1168	684	$\frac{3}{76}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}\ \Phi_{171}^2\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
68489	1168	387	$\frac{7}{387}$	$\frac{2}{9}$	$\frac{95}{387}$	$\frac{1}{3}$	$\Phi_{387}^3\ \Phi_{129}^3\ \Phi_{43}^3\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
68490	1168	90	$\frac{1}{45}$	$\frac{17}{90}$	$\frac{11}{45}$	$\frac{1}{3}$	$\Phi_{90}^{16}\ \Phi_{45}^{10}\ \Phi_{30}^{16}\ \Phi_{18}^{16}\ \Phi_{15}^{10}\ \Phi_{10}^{16}\ \Phi_9^{10}\ \Phi_6^{16}\ \Phi_5^{10}\ \Phi_3^9\ \Phi_2^{16}\ \Phi_1^{10}$
68491	1168	288	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{23}{96}$	$\frac{1}{3}$	$\Phi_{288}^6\ \Phi_{144}^6\ \Phi_{96}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{16}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
68492	1168	78	$\frac{5}{78}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{78}^{16}\ \Phi_{39}^{13}\ \Phi_{26}^{16}\ \Phi_{13}^{16}\ \Phi_6^{16}\ \Phi_3^{12}\ \Phi_2^{16}\ \Phi_1^{16}$
68493	1168	153	$\frac{7}{153}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{153}^8\ \Phi_{51}^8\ \Phi_{17}^8\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
68494	1168	75	$\frac{2}{75}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{75}^{16}\ \Phi_{25}^{16}\ \Phi_{15}^{13}\ \Phi_5^{16}\ \Phi_3^{12}\ \Phi_1^{16}$
68495	1168	2175	$\frac{4}{145}$	$\frac{141}{725}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2175}\ \Phi_{75}\ \Phi_{15}$
68496	1168	435	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{435}^3\ \Phi_{145}^4\ \Phi_{15}^4\ \Phi_5^4$
68497	1168	675	$\frac{2}{45}$	$\frac{91}{675}$	$\frac{43}{225}$	$\frac{1}{3}$	$\Phi_{675}^2\ \Phi_{225}\ \Phi_{135}^2\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
68498	1168	90	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{17}{90}$	$\frac{1}{3}$	$\Phi_{90}^{16}\ \Phi_{45}^{16}\ \Phi_{30}^{16}\ \Phi_{15}^{16}\ \Phi_{10}^{16}\ \Phi_9^2\ \Phi_5^{16}\ \Phi_3\ \Phi_1^2$
68499	1168	2145	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{131}{715}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{195}\ \Phi_{165}\ \Phi_{39}\ \Phi_{15}$
68500	1168	78	$\frac{5}{78}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{78}^{16}\ \Phi_{39}^{14}\ \Phi_{26}^{16}\ \Phi_{13}^{14}\ \Phi_6^{16}\ \Phi_3^{13}\ \Phi_2^{16}\ \Phi_1^{14}$
68501	1168	234	$\frac{5}{78}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{234}^6\ \Phi_{117}^6\ \Phi_{78}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
68502	1168	315	$\frac{23}{315}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{315}^4\ \Phi_{105}^3\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{35}^3\ \Phi_{21}^3\ \Phi_{15}^4\ \Phi_9^4\ \Phi_7^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
68503	1168	165	$\frac{13}{165}$	$\frac{19}{165}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{165}^7\ \Phi_{55}^7\ \Phi_{33}^7\ \Phi_{15}^8\ \Phi_{11}^7\ \Phi_5^8\ \Phi_3^7\ \Phi_1^8$
68504	1168	252	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{84}$	$\frac{1}{3}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^4\ \Phi_{63}^6\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_9^2\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
68505	1168	720	$\frac{7}{80}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
68506	1168	81	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{81}^{16}\ \Phi_{27}^{16}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
68507	1168	540	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{35}{108}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{135}^3\ \Phi_{108}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_5^3\ \Phi_1^4$
68508	1168	189	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{43}{189}$	$\frac{20}{63}$	$\Phi_{189}^8\ \Phi_{63}^3\ \Phi_{27}^8\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
68509	1168	315	$\frac{3}{35}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{32}{105}$	$\Phi_{315}^4\ \Phi_{105}^2\ \Phi_{63}^5\ \Phi_{45}^4\ \Phi_{35}^4\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_9^4\ \Phi_7^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
68510	1168	380	$\frac{3}{76}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{380}^3\ \Phi_{190}^3\ \Phi_{95}^3\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_5^3\ \Phi_1^4$
68511	1168	480	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{23}{96}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{96}^4\ \Phi_{80}^3\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{16}^4\ \Phi_5^3\ \Phi_1^4$
68512	1168	252	$\frac{1}{9}$	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{252}^6\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{63}^5\ \Phi_{42}^2\ \Phi_{36}^6\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
68513	1168	90	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{90}^{13}\ \Phi_{45}^{13}\ \Phi_{30}^{13}\ \Phi_{18}^{12}\ \Phi_{15}^{13}\ \Phi_{10}^{13}\ \Phi_9^{12}\ \Phi_6^{12}\ \Phi_5^{16}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{16}$
68514	1168	390	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{390}^3\ \Phi_{195}^3\ \Phi_{130}^3\ \Phi_{78}^4\ \Phi_{65}^3\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_5^3\ \Phi_1^4$
68515	1168	420	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{70}^3\ \Phi_{42}^4\ \Phi_{35}^3\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
68516	1168	80	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{80}^{16}\ \Phi_{40}^{13}\ \Phi_{20}^{13}\ \Phi_{16}^{16}\ \Phi_{10}^{13}\ \Phi_8^{12}\ \Phi_5^{16}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{16}$
68517	1168	405	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{405}^3\ \Phi_{135}^3\ \Phi_{81}^4\ \Phi_{27}^4\ \Phi_5^3\ \Phi_1^4$
68518	1168	1575	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{29}{175}$	$\frac{6}{35}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{225}\ \Phi_{75}\ \Phi_{63}\ \Phi_{21}$
68519	1169	996	$\frac{1}{166}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{165}{332}$	$\Phi_{498}^2\ \Phi_{332}\ \Phi_{249}^2\ \Phi_{166}^2\ \Phi_{83}^2\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
68520	1169	2988	$\frac{1}{166}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{165}{332}$	$\Phi_{2988}\ \Phi_{332}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
68521	1169	1320	$\frac{2}{165}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{163}{330}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
68522	1169	2304	$\frac{17}{1152}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{1135}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{32}\ \Phi_1$
68523	1169	2304	$\frac{17}{1152}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1135}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
68524	1169	224	$\frac{1}{56}$	$\frac{1}{8}$	$\frac{57}{224}$	$\frac{55}{112}$	$\Phi_{224}^7\ \Phi_{56}^7\ \Phi_{32}^7\ \Phi_{28}^7\ \Phi_{14}^7\ \Phi_8^6\ \Phi_7^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
68525	1169	328	$\frac{3}{164}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{161}{328}$	$\Phi_{328}^3\ \Phi_{164}^4\ \Phi_{82}^4\ \Phi_{41}^4\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
68526	1169	648	$\frac{5}{162}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{157}{324}$	$\Phi_{648}^2\ \Phi_{324}\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}\ \Phi_{81}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}\ \Phi_{27}^2\ \Phi_{24}^4\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
68527	1169	1288	$\frac{6}{161}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{155}{322}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{184}\ \Phi_{161}\ \Phi_{92}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{23}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
68528	1169	192	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{25}{192}$	$\frac{23}{48}$	$\Phi_{192}^7\ \Phi_{96}^7\ \Phi_{64}^7\ \Phi_{32}^7\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
68529	1169	320	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{153}{320}$	$\Phi_{320}^7\ \Phi_{64}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
68530	1169	1728	$\frac{17}{576}$	$\frac{1}{16}$	$\frac{559}{1728}$	$\frac{15}{32}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_1$
68531	1169	1216	$\frac{47}{1216}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_1$
68532	1169	1536	$\frac{17}{384}$	$\frac{1}{16}$	$\frac{367}{1536}$	$\frac{15}{32}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_{32}\ \Phi_1$
68533	1169	1440	$\frac{17}{288}$	$\frac{1}{16}$	$\frac{271}{1440}$	$\frac{15}{32}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
68534	1169	1248	$\frac{1}{16}$	$\frac{79}{1248}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
68535	1169	1280	$\frac{1}{16}$	$\frac{111}{1280}$	$\frac{17}{128}$	$\frac{15}{32}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
68536	1169	192	$\frac{1}{16}$	$\frac{17}{192}$	$\frac{25}{192}$	$\frac{15}{32}$	$\Phi_{192}^6\ \Phi_{96}^6\ \Phi_{64}^6\ \Phi_{48}^6\ \Phi_{32}^7\ \Phi_{24}^6\ \Phi_{16}^6\ \Phi_{12}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
68537	1169	312	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{145}{312}$	$\Phi_{312}^3\ \Phi_{156}^4\ \Phi_{104}^3\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{24}^7\ \Phi_{13}^4\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
68538	1169	616	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{8}$	$\frac{141}{308}$	$\Phi_{616}^2\ \Phi_{308}\ \Phi_{154}^2\ \Phi_{88}^2\ \Phi_{77}^2\ \Phi_{56}^4\ \Phi_{44}\ \Phi_{28}^3\ \Phi_{22}^2\ \Phi_{14}^3\ \Phi_{11}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
68539	1169	176	$\frac{9}{176}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{176}^7\ \Phi_{88}^7\ \Phi_{44}^7\ \Phi_{22}^7\ \Phi_{11}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
68540	1169	1176	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{20}{147}$	$\frac{127}{294}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{196}\ \Phi_{168}^2\ \Phi_{147}\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{49}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
68541	1169	288	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{23}{144}$	$\frac{121}{288}$	$\Phi_{288}^{7}\ \Phi_{96}^{7}\ \Phi_{32}^{7}\ \Phi_{24}^{7}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
68542	1169	996	$\frac{1}{83}$	$\frac{1}{6}$	$\frac{82}{249}$	$\frac{5}{12}$	$\Phi_{996}^{2}\ \Phi_{332}^{2}\ \Phi_{249}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
68543	1169	280	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{27}{140}$	$\frac{113}{280}$	$\Phi_{280}^{3}\ \Phi_{140}^{4}\ \Phi_{70}^{4}\ \Phi_{56}^{7}\ \Phi_{40}^{3}\ \Phi_{35}^{4}\ \Phi_{28}^{7}\ \Phi_{20}^{4}\ \Phi_{14}^{7}\ \Phi_{10}^{4}\ \Phi_{8}^{6}\ \Phi_{7}^{7}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
68544	1169	1200	$\frac{31}{1200}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
68545	1169	504	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{41}{126}$	$\frac{85}{252}$	$\Phi_{504}^{2}\ \Phi_{252}\ \Phi_{168}^{4}\ \Phi_{126}^{2}\ \Phi_{84}^{3}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{56}^{4}\ \Phi_{42}^{3}\ \Phi_{36}\ \Phi_{28}^{3}\ \Phi_{24}^{4}\ \Phi_{21}^{3}\ \Phi_{18}^{2}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
68546	1169	1752	$\frac{1}{146}$	$\frac{145}{438}$	$\frac{583}{1752}$	$\frac{293}{876}$	$\Phi_{1752}\ \Phi_{584}\ \Phi_{438}\ \Phi_{219}\ \Phi_{24}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
68547	1169	747	$\frac{1}{83}$	$\frac{2}{9}$	$\frac{82}{249}$	$\frac{1}{3}$	$\Phi_{747}^{2}\ \Phi_{249}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$
68548	1169	792	$\frac{2}{33}$	$\frac{1}{8}$	$\frac{31}{198}$	$\frac{1}{3}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}^{2}\ \Phi_{44}\ \Phi_{36}^{2}\ \Phi_{33}\ \Phi_{24}^{2}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
68549	1169	360	$\frac{13}{180}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{360}^{4}\ \Phi_{180}^{3}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{72}^{4}\ \Phi_{60}^{2}\ \Phi_{45}^{3}\ \Phi_{40}^{3}\ \Phi_{36}^{3}\ \Phi_{30}^{2}\ \Phi_{24}^{4}\ \Phi_{20}^{2}\ \Phi_{18}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
68550	1169	1728	$\frac{17}{576}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{559}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
68551	1169	216	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{49}{216}$	$\frac{23}{72}$	$\Phi_{216}^{7}\ \Phi_{108}^{7}\ \Phi_{54}^{7}\ \Phi_{27}^{7}\ \Phi_{24}^{7}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
68552	1169	240	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{73}{240}$	$\Phi_{240}^{7}\ \Phi_{120}^{7}\ \Phi_{60}^{7}\ \Phi_{48}^{7}\ \Phi_{30}^{7}\ \Phi_{24}^{7}\ \Phi_{15}^{7}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
68553	1169	1536	$\frac{17}{384}$	$\frac{1}{8}$	$\frac{367}{1536}$	$\frac{7}{24}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
68554	1169	1224	$\frac{55}{1224}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
68555	1169	1440	$\frac{17}{288}$	$\frac{1}{8}$	$\frac{271}{1440}$	$\frac{7}{24}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
68556	1169	1248	$\frac{79}{1248}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
68557	1169	192	$\frac{17}{192}$	$\frac{1}{8}$	$\frac{25}{192}$	$\frac{7}{24}$	$\Phi_{192}^{6}\ \Phi_{96}^{6}\ \Phi_{64}^{6}\ \Phi_{48}^{6}\ \Phi_{32}^{6}\ \Phi_{24}^{7}\ \Phi_{16}^{6}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
68558	1169	1296	$\frac{127}{1296}$	$\frac{17}{144}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
68559	1169	360	$\frac{13}{180}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{360}^{4}\ \Phi_{180}^{3}\ \Phi_{120}^{4}\ \Phi_{90}^{3}\ \Phi_{72}^{2}\ \Phi_{60}^{3}\ \Phi_{45}^{3}\ \Phi_{40}^{4}\ \Phi_{36}\ \Phi_{30}^{3}\ \Phi_{24}^{4}\ \Phi_{20}^{3}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
68560	1169	216	$\frac{5}{54}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{49}{216}$	$\Phi_{216}^{5}\ \Phi_{108}^{5}\ \Phi_{72}^{5}\ \Phi_{54}^{6}\ \Phi_{36}^{5}\ \Phi_{27}^{6}\ \Phi_{24}^{7}\ \Phi_{18}^{6}\ \Phi_{12}^{7}\ \Phi_{9}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
68561	1169	192	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{25}{192}$	$\frac{7}{32}$	$\Phi_{192}^{7}\ \Phi_{96}^{7}\ \Phi_{64}^{7}\ \Phi_{48}^{7}\ \Phi_{24}^{7}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
68562	1169	200	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{33}{200}$	$\frac{7}{40}$	$\Phi_{200}^{7}\ \Phi_{100}^{7}\ \Phi_{50}^{7}\ \Phi_{25}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
68563	1170	1864	$\frac{1}{233}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{116}{233}$	$\Phi_{1864}\ \Phi_{233}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
68564	1170	1940	$\frac{1}{194}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{193}{388}$	$\Phi_{1940}\ \Phi_{388}^{2}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
68565	1170	1164	$\frac{1}{194}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{193}{388}$	$\Phi_{1164}\ \Phi_{582}^{2}\ \Phi_{291}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
68566	1170	334	$\frac{1}{167}$	$\frac{28}{167}$	$\frac{139}{334}$	$\frac{83}{167}$	$\Phi_{334}^{6}\ \Phi_{167}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
68567	1170	1162	$\frac{4}{581}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{577}{1162}$	$\Phi_{1162}^{2}\ \Phi_{166}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
68568	1170	2064	$\frac{1}{129}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{64}{129}$	$\Phi_{2064}\ \Phi_{688}\ \Phi_{129}\ \Phi_{48}\ \Phi_{43}\ \Phi_{16}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
68569	1170	516	$\frac{1}{129}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{64}{129}$	$\Phi_{516}^{2}\ \Phi_{258}^{2}\ \Phi_{172}^{2}\ \Phi_{129}^{3}\ \Phi_{86}^{2}\ \Phi_{43}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
68570	1170	2088	$\frac{1}{116}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{115}{232}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{232}^{2}\ \Phi_{72}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
68571	1170	696	$\frac{1}{116}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{115}{232}$	$\Phi_{696}^{3}\ \Phi_{232}^{4}\ \Phi_{24}^{3}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
68572	1170	1169	$\frac{13}{1169}$	$\frac{197}{1169}$	$\frac{324}{1169}$	$\frac{578}{1169}$	$\Phi_{1169}\ \Phi_{167}\ \Phi_{7}\ \Phi_{1}^{2}$
68573	1170	2136	$\frac{1}{89}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{44}{89}$	$\Phi_{2136}\ \Phi_{712}\ \Phi_{89}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
68574	1170	1335	$\frac{1}{89}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{44}{89}$	$\Phi_{1335}\ \Phi_{445}\ \Phi_{89}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
68575	1170	1602	$\frac{1}{89}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{44}{89}$	$\Phi_{1602}\ \Phi_{801}\ \Phi_{89}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
68576	1170	1424	$\frac{1}{89}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{44}{89}$	$\Phi_{1424}\ \Phi_{712}\ \Phi_{89}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
68577	1170	1564	$\frac{5}{391}$	$\frac{66}{391}$	$\frac{1}{4}$	$\frac{193}{391}$	$\Phi_{1564}\ \Phi_{782}\ \Phi_{92}\ \Phi_{68}\ \Phi_{46}\ \Phi_{34}$
68578	1170	308	$\frac{1}{77}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{38}{77}$	$\Phi_{308}^7\ \Phi_{77}\ \Phi_{44}^7\ \Phi_{28}^8\ \Phi_{11}\ \Phi_7\ \Phi_4^8\ \Phi_1^2$
68579	1170	77	$\frac{1}{77}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{38}{77}$	$\Phi_{77}^{15}\ \Phi_{11}^{15}\ \Phi_7^{17}\ \Phi_1^{18}$
68580	1170	924	$\frac{1}{77}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{38}{77}$	$\Phi_{924}^2\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}^4\ \Phi_{11}\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
68581	1170	784	$\frac{3}{196}$	$\frac{1}{7}$	$\frac{199}{784}$	$\frac{193}{392}$	$\Phi_{784}^2\ \Phi_{196}^2\ \Phi_{112}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
68582	1170	2176	$\frac{1}{64}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{63}{128}$	$\Phi_{2176}\ \Phi_{128}^2\ \Phi_{17}\ \Phi_1^2$
68583	1170	1920	$\frac{1}{64}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{63}{128}$	$\Phi_{1920}^2\ \Phi_{384}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
68584	1170	2176	$\frac{1}{64}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{63}{128}$	$\Phi_{2176}\ \Phi_{128}^2\ \Phi_{17}\ \Phi_1^2$
68585	1170	896	$\frac{1}{64}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{63}{128}$	$\Phi_{896}^3\ \Phi_{28}\ \Phi_{14}$
68586	1170	690	$\frac{2}{115}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{113}{230}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{138}^2\ \Phi_{115}^2\ \Phi_{69}^2\ \Phi_{30}^3\ \Phi_{23}^2\ \Phi_{15}^3\ \Phi_{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
68587	1170	167	$\frac{3}{167}$	$\frac{17}{167}$	$\frac{50}{167}$	$\frac{82}{167}$	$\Phi_{167}^7\ \Phi_1^8$
68588	1170	1148	$\frac{11}{574}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{563}{1148}$	$\Phi_{1148}^2\ \Phi_{164}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
68589	1170	282	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{8}{47}$	$\frac{23}{47}$	$\Phi_{282}^5\ \Phi_{141}^5\ \Phi_{94}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
68590	1170	1169	$\frac{25}{1169}$	$\frac{194}{1169}$	$\frac{199}{1169}$	$\frac{572}{1169}$	$\Phi_{1169}\ \Phi_{167}\ \Phi_7\ \Phi_1^2$
68591	1170	2200	$\frac{1}{44}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{43}{88}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{200}\ \Phi_{88}^2\ \Phi_{40}\ \Phi_{25}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
68592	1170	1848	$\frac{1}{44}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{1848}^2\ \Phi_{264}\ \Phi_{168}^2\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_6$
68593	1170	1320	$\frac{1}{44}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{43}{88}$	$\Phi_{1320}^2\ \Phi_{440}\ \Phi_{264}^2\ \Phi_{120}^2\ \Phi_{88}^2\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
68594	1170	1564	$\frac{9}{391}$	$\frac{40}{391}$	$\frac{1}{4}$	$\frac{191}{391}$	$\Phi_{1564}\ \Phi_{782}\ \Phi_{92}\ \Phi_{68}\ \Phi_{46}\ \Phi_{34}$
68595	1170	2204	$\frac{1}{38}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{37}{76}$	$\Phi_{2204}\ \Phi_{116}\ \Phi_{76}^2\ \Phi_{29}\ \Phi_4^2\ \Phi_1^2$
68596	1170	912	$\frac{1}{38}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{228}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
68597	1170	2204	$\frac{1}{38}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{37}{76}$	$\Phi_{2204}\ \Phi_{116}\ \Phi_{76}^2\ \Phi_{29}\ \Phi_4^2\ \Phi_1^2$
68598	1170	836	$\frac{1}{38}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{37}{76}$	$\Phi_{836}\ \Phi_{418}^2\ \Phi_{209}^2\ \Phi_{44}^2\ \Phi_{22}^3\ \Phi_{11}^2$
68599	1170	2204	$\frac{1}{38}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{37}{76}$	$\Phi_{2204}\ \Phi_{116}\ \Phi_{76}^2\ \Phi_{29}\ \Phi_4^2\ \Phi_1^2$
68600	1170	1596	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{37}{76}$	$\Phi_{1596}^2\ \Phi_{532}\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
68601	1170	2394	$\frac{2}{63}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{2394}\ \Phi_{798}\ \Phi_{342}\ \Phi_{266}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
68602	1170	126	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{61}{126}$	$\Phi_{126}^{18}\ \Phi_{42}^{18}\ \Phi_{18}^{18}\ \Phi_{14}^{18}\ \Phi_7^5\ \Phi_6^{18}\ \Phi_2^{18}\ \Phi_1^6$
68603	1170	551	$\frac{1}{29}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{14}{29}$	$\Phi_{551}^2\ \Phi_{29}^3\ \Phi_{19}^4\ \Phi_1^6$
68604	1170	812	$\frac{1}{29}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{812}^2\ \Phi_{406}\ \Phi_{203}\ \Phi_{116}\ \Phi_{29}\ \Phi_{28}^4\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
68605	1170	224	$\frac{1}{28}$	$\frac{29}{224}$	$\frac{1}{7}$	$\frac{27}{56}$	$\Phi_{224}^6\ \Phi_{112}^6\ \Phi_{32}^6\ \Phi_{28}^6\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
68606	1170	1127	$\frac{43}{1127}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{542}{1127}$	$\Phi_{1127}\ \Phi_{161}\ \Phi_{49}^2\ \Phi_{23}\ \Phi_7\ \Phi_1^2$
68607	1170	550	$\frac{1}{25}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{12}{25}$	$\Phi_{550}^2\ \Phi_{275}^2\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{50}^2\ \Phi_{25}^3\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_{10}^2\ \Phi_5^3\ \Phi_2^4\ \Phi_1^6$
68608	1170	400	$\frac{1}{25}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^2\ \Phi_{80}^3\ \Phi_{50}^2\ \Phi_{40}^3\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{16}^6\ \Phi_{10}^2\ \Phi_8^6\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
68609	1170	275	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{12}{25}$	$\Phi_{275}^4\ \Phi_{55}^4\ \Phi_{25}^5\ \Phi_{11}^8\ \Phi_5^5\ \Phi_1^{10}$
68610	1170	150	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{12}{25}$	$\Phi_{150}^9\ \Phi_{75}^9\ \Phi_{50}^4\ \Phi_{30}^{11}\ \Phi_{25}^5\ \Phi_{15}^{11}\ \Phi_{10}^5\ \Phi_6^{10}\ \Phi_5^6\ \Phi_3^{10}\ \Phi_2^4\ \Phi_1^6$
68611	1170	748	$\frac{8}{187}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{179}{374}$	$\Phi_{748}^2\ \Phi_{187}^2\ \Phi_{68}^3\ \Phi_{44}^2\ \Phi_{34}\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
68612	1170	276	$\frac{1}{23}$	$\frac{4}{69}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{276}^{6}\ \Phi_{138}^{6}\ \Phi_{92}^{5}\ \Phi_{46}^{5}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
68613	1170	224	$\frac{5}{112}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{107}{224}$	$\Phi_{224}^{10}\ \Phi_{32}^{10}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
68614	1170	1169	$\frac{47}{1169}$	$\frac{53}{1169}$	$\frac{374}{1169}$	$\frac{558}{1169}$	$\Phi_{1169}\ \Phi_{167}\ \Phi_{7}\ \Phi_{1}^{2}$
68615	1170	1672	$\frac{1}{22}$	$\frac{1}{19}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{1672}\ \Phi_{418}\ \Phi_{209}\ \Phi_{152}\ \Phi_{38}$
68616	1170	1169	$\frac{41}{1169}$	$\frac{61}{1169}$	$\frac{376}{1169}$	$\frac{554}{1169}$	$\Phi_{1169}\ \Phi_{167}\ \Phi_{7}\ \Phi_{1}^{2}$
68617	1170	182	$\frac{5}{91}$	$\frac{1}{14}$	$\frac{16}{91}$	$\frac{43}{91}$	$\Phi_{182}^{7}\ \Phi_{91}^{6}\ \Phi_{26}^{7}\ \Phi_{14}^{6}\ \Phi_{13}^{6}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
68618	1170	1632	$\frac{1}{32}$	$\frac{1}{17}$	$\frac{31}{96}$	$\frac{8}{17}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{96}^{2}\ \Phi_{51}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{17}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
68619	1170	68	$\frac{3}{68}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{68}^{17}\ \Phi_{34}^{17}\ \Phi_{17}^{18}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
68620	1170	272	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{8}{17}$	$\Phi_{272}^{4}\ \Phi_{136}^{4}\ \Phi_{68}^{4}\ \Phi_{34}^{4}\ \Phi_{17}^{5}\ \Phi_{16}^{8}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
68621	1170	714	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{714}^{2}\ \Phi_{357}^{2}\ \Phi_{238}\ \Phi_{119}\ \Phi_{102}\ \Phi_{51}\ \Phi_{42}^{4}\ \Phi_{21}^{4}\ \Phi_{17}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
68622	1170	1224	$\frac{1}{17}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{8}{17}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{72}^{2}\ \Phi_{51}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{17}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
68623	1170	368	$\frac{1}{23}$	$\frac{11}{184}$	$\frac{1}{4}$	$\frac{173}{368}$	$\Phi_{368}^{6}\ \Phi_{92}\ \Phi_{46}\ \Phi_{16}^{6}$
68624	1170	1169	$\frac{69}{1169}$	$\frac{73}{1169}$	$\frac{220}{1169}$	$\frac{548}{1169}$	$\Phi_{1169}\ \Phi_{167}\ \Phi_{7}\ \Phi_{1}^{2}$
68625	1170	1169	$\frac{73}{1169}$	$\frac{74}{1169}$	$\frac{207}{1169}$	$\frac{548}{1169}$	$\Phi_{1169}\ \Phi_{167}\ \Phi_{7}\ \Phi_{1}^{2}$
68626	1170	1264	$\frac{1}{16}$	$\frac{5}{79}$	$\frac{14}{79}$	$\frac{37}{79}$	$\Phi_{1264}\ \Phi_{632}\ \Phi_{316}\ \Phi_{158}$
68627	1170	1564	$\frac{16}{391}$	$\frac{25}{391}$	$\frac{1}{4}$	$\frac{183}{391}$	$\Phi_{1564}\ \Phi_{782}\ \Phi_{92}\ \Phi_{68}\ \Phi_{46}\ \Phi_{34}$
68628	1170	1310	$\frac{9}{131}$	$\frac{1}{10}$	$\frac{14}{131}$	$\frac{61}{131}$	$\Phi_{1310}\ \Phi_{655}\ \Phi_{262}$
68629	1170	1169	$\frac{81}{1169}$	$\frac{116}{1169}$	$\frac{125}{1169}$	$\frac{544}{1169}$	$\Phi_{1169}\ \Phi_{167}\ \Phi_{7}\ \Phi_{1}^{2}$
68630	1170	840	$\frac{1}{40}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{120}^{3}\ \Phi_{105}^{2}\ \Phi_{84}\ \Phi_{60}^{3}\ \Phi_{42}^{2}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
68631	1170	308	$\frac{2}{77}$	$\frac{1}{14}$	$\frac{25}{77}$	$\frac{13}{28}$	$\Phi_{308}^{7}\ \Phi_{77}\ \Phi_{44}^{7}\ \Phi_{28}^{8}\ \Phi_{11}\ \Phi_{7}\ \Phi_{4}^{8}\ \Phi_{1}^{2}$
68632	1170	756	$\frac{1}{27}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{756}\ \Phi_{378}^{2}\ \Phi_{252}\ \Phi_{189}^{2}\ \Phi_{126}^{2}\ \Phi_{108}^{2}\ \Phi_{84}\ \Phi_{63}^{2}\ \Phi_{54}^{3}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
68633	1170	308	$\frac{5}{77}$	$\frac{1}{14}$	$\frac{12}{77}$	$\frac{13}{28}$	$\Phi_{308}^{7}\ \Phi_{77}\ \Phi_{44}^{7}\ \Phi_{28}^{8}\ \Phi_{11}\ \Phi_{7}\ \Phi_{4}^{8}\ \Phi_{1}^{2}$
68634	1170	28	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{28}^{78}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{4}^{78}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
68635	1170	308	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{13}{28}$	$\Phi_{308}^{3}\ \Phi_{154}^{4}\ \Phi_{77}^{4}\ \Phi_{44}^{5}\ \Phi_{28}^{4}\ \Phi_{22}^{6}\ \Phi_{14}^{4}\ \Phi_{11}^{5}\ \Phi_{7}^{4}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
68636	1170	1410	$\frac{14}{235}$	$\frac{17}{235}$	$\frac{1}{6}$	$\frac{109}{235}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{470}\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
68637	1170	1169	$\frac{64}{1169}$	$\frac{85}{1169}$	$\frac{209}{1169}$	$\frac{542}{1169}$	$\Phi_{1169}\ \Phi_{167}\ \Phi_{7}\ \Phi_{1}^{2}$
68638	1170	1564	$\frac{14}{391}$	$\frac{29}{391}$	$\frac{1}{4}$	$\frac{181}{391}$	$\Phi_{1564}\ \Phi_{782}\ \Phi_{92}\ \Phi_{68}\ \Phi_{46}\ \Phi_{34}$
68639	1170	364	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{6}{13}$	$\Phi_{364}^{4}\ \Phi_{182}^{3}\ \Phi_{91}^{3}\ \Phi_{52}^{2}\ \Phi_{28}^{4}\ \Phi_{26}\ \Phi_{14}^{2}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
68640	1170	552	$\frac{1}{46}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{552}^{4}\ \Phi_{184}^{4}\ \Phi_{138}\ \Phi_{69}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{6}$
68641	1170	2136	$\frac{2}{89}$	$\frac{1}{12}$	$\frac{29}{89}$	$\frac{11}{24}$	$\Phi_{2136}\ \Phi_{712}\ \Phi_{89}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
68642	1170	744	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{744}^{3}\ \Phi_{248}^{3}\ \Phi_{124}\ \Phi_{62}$
68643	1170	2136	$\frac{4}{89}$	$\frac{1}{12}$	$\frac{17}{89}$	$\frac{11}{24}$	$\Phi_{2136}\ \Phi_{712}\ \Phi_{89}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
68644	1170	456	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{456}^{5}\ \Phi_{152}^{5}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
68645	1170	2136	$\frac{5}{89}$	$\frac{1}{12}$	$\frac{14}{89}$	$\frac{11}{24}$	$\Phi_{2136}\ \Phi_{712}\ \Phi_{89}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
68646	1170	336	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{336}^{4}\ \Phi_{168}^{3}\ \Phi_{112}^{5}\ \Phi_{84}^{4}\ \Phi_{56}^{4}\ \Phi_{42}^{4}\ \Phi_{28}^{5}\ \Phi_{21}^{4}\ \Phi_{14}^{5}\ \Phi_{7}^{4}$
68647	1170	2136	$\frac{1}{12}$	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{11}{24}$	$\Phi_{2136}\ \Phi_{712}\ \Phi_{89}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
68648	1170	1320	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{11}{24}$	$\Phi_{1320}^{2}\ \Phi_{440}^{2}\ \Phi_{264}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
68649	1170	1078	$\frac{3}{49}$	$\frac{46}{539}$	$\frac{1}{7}$	$\frac{493}{1078}$	$\Phi_{1078}^2\ \Phi_{154}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
68650	1170	167	$\frac{7}{167}$	$\frac{15}{167}$	$\frac{32}{167}$	$\frac{76}{167}$	$\Phi_{167}^7\ \Phi_1^8$
68651	1170	182	$\frac{1}{14}$	$\frac{9}{91}$	$\frac{10}{91}$	$\frac{41}{91}$	$\Phi_{182}^7\ \Phi_{91}^6\ \Phi_{26}^7\ \Phi_{14}^6\ \Phi_{13}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
68652	1170	1169	$\frac{80}{1169}$	$\frac{121}{1169}$	$\frac{129}{1169}$	$\frac{524}{1169}$	$\Phi_{1169}\ \Phi_{167}\ \Phi_7\ \Phi_1^2$
68653	1170	282	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{1}{6}$	$\frac{21}{47}$	$\Phi_{282}^5\ \Phi_{141}^5\ \Phi_{94}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
68654	1170	616	$\frac{31}{616}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{616}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{88}^2\ \Phi_{77}^2\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
68655	1170	522	$\frac{1}{58}$	$\frac{1}{9}$	$\frac{19}{58}$	$\frac{4}{9}$	$\Phi_{522}^2\ \Phi_{261}^2\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
68656	1170	414	$\frac{1}{46}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{414}^3\ \Phi_{207}^3\ \Phi_{138}^3\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{18}\ \Phi_9^2\ \Phi_6\ \Phi_3^2\ \Phi_1^2$
68657	1170	360	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^6\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^6\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^6\ \Phi_9^3\ \Phi_8^6\ \Phi_6^2\ \Phi_5^6\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
68658	1170	1305	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{28}{145}$	$\frac{4}{9}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{145}^2\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
68659	1170	261	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{261}^4\ \Phi_{87}^4\ \Phi_{29}^8\ \Phi_9^5\ \Phi_3^5\ \Phi_1^{10}$
68660	1170	630	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}\ \Phi_{105}^2\ \Phi_{90}\ \Phi_{70}^4\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}^4\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
68661	1170	2170	$\frac{1}{31}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{2170}\ \Phi_{434}\ \Phi_{310}\ \Phi_{155}\ \Phi_{62}$
68662	1170	528	$\frac{1}{66}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{528}^4\ \Phi_{176}^4\ \Phi_{66}^2\ \Phi_{48}^3\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{16}^4\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68663	1170	688	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{21}{86}$	$\frac{7}{16}$	$\Phi_{688}^3\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{16}^4\ \Phi_2^2\ \Phi_1^2$
68664	1170	2064	$\frac{4}{129}$	$\frac{1}{8}$	$\frac{25}{129}$	$\frac{7}{16}$	$\Phi_{2064}\ \Phi_{688}\ \Phi_{129}\ \Phi_{48}\ \Phi_{43}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
68665	1170	496	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{496}^2\ \Phi_{248}^3\ \Phi_{124}^3\ \Phi_{62}^3\ \Phi_{31}^2$
68666	1170	432	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{432}^5\ \Phi_{144}^5\ \Phi_{54}^3\ \Phi_{48}^3\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_{16}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68667	1170	688	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{688}^3\ \Phi_{43}^3\ \Phi_{16}^4\ \Phi_1^4$
68668	1170	1232	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1232}^2\ \Phi_{176}\ \Phi_{154}\ \Phi_{77}\ \Phi_{22}$
68669	1170	1169	$\frac{17}{1169}$	$\frac{157}{1169}$	$\frac{384}{1169}$	$\frac{506}{1169}$	$\Phi_{1169}\ \Phi_{167}\ \Phi_7\ \Phi_1^2$
68670	1170	343	$\frac{2}{49}$	$\frac{47}{343}$	$\frac{1}{7}$	$\frac{148}{343}$	$\Phi_{343}^3\ \Phi_{49}^6\ \Phi_7^5\ \Phi_1^6$
68671	1170	119	$\frac{2}{119}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{119}^{10}\ \Phi_{17}^{10}\ \Phi_7^7\ \Phi_1^8$
68672	1170	98	$\frac{1}{14}$	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{98}^{14}\ \Phi_{49}^{12}\ \Phi_{14}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
68673	1170	182	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{26}$	$\Phi_{182}^7\ \Phi_{91}^7\ \Phi_{26}\ \Phi_{14}^6\ \Phi_{13}^6\ \Phi_7^6\ \Phi_1^6$
68674	1170	112	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{9}{56}$	$\frac{47}{112}$	$\Phi_{112}^{18}\ \Phi_{28}^6\ \Phi_{16}^{18}\ \Phi_{14}^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
68675	1170	1240	$\frac{1}{40}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{248}\ \Phi_{155}\ \Phi_{124}\ \Phi_{62}$
68676	1170	1368	$\frac{1}{19}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{171}\ \Phi_{152}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
68677	1170	334	$\frac{5}{167}$	$\frac{27}{167}$	$\frac{28}{167}$	$\frac{139}{334}$	$\Phi_{334}^6\ \Phi_{167}\ \Phi_2^6\ \Phi_1^2$
68678	1170	1169	$\frac{53}{1169}$	$\frac{124}{1169}$	$\frac{209}{1169}$	$\frac{480}{1169}$	$\Phi_{1169}\ \Phi_{167}\ \Phi_7\ \Phi_1^2$
68679	1170	418	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{418}^5\ \Phi_{209}\ \Phi_{38}^5$
68680	1170	167	$\frac{11}{167}$	$\frac{12}{167}$	$\frac{31}{167}$	$\frac{68}{167}$	$\Phi_{167}^7\ \Phi_1^8$
68681	1170	182	$\frac{6}{91}$	$\frac{1}{14}$	$\frac{17}{91}$	$\frac{37}{91}$	$\Phi_{182}^7\ \Phi_{91}^6\ \Phi_{26}^7\ \Phi_{14}^6\ \Phi_{13}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
68682	1170	1310	$\frac{6}{131}$	$\frac{1}{10}$	$\frac{25}{131}$	$\frac{53}{131}$	$\Phi_{1310}\ \Phi_{655}\ \Phi_{262}$
68683	1170	196	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{19}{98}$	$\frac{79}{196}$	$\Phi_{196}^{10}\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{28}^{10}\ \Phi_{14}^2\ \Phi_7\ \Phi_4^{10}\ \Phi_2^2\ \Phi_1^2$
68684	1170	1169	$\frac{24}{1169}$	$\frac{229}{1169}$	$\frac{233}{1169}$	$\frac{470}{1169}$	$\Phi_{1169}\ \Phi_{167}\ \Phi_7\ \Phi_1^2$
68685	1170	1564	$\frac{6}{391}$	$\frac{77}{391}$	$\frac{1}{4}$	$\frac{157}{391}$	$\Phi_{1564}\ \Phi_{782}\ \Phi_{92}\ \Phi_{68}\ \Phi_{46}\ \Phi_{34}$
68686	1170	167	$\frac{2}{167}$	$\frac{33}{167}$	$\frac{50}{167}$	$\frac{67}{167}$	$\Phi_{167}^7\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
68687	1170	485	$\frac{1}{97}$	$\frac{1}{5}$	$\frac{32}{97}$	$\frac{2}{5}$	$\Phi_{485}^2\ \Phi_{97}^4\ \Phi_5^3\ \Phi_1^6$
68688	1170	660	$\frac{1}{66}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{660}^2\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}^4\ \Phi_{110}\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{44}^4\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
68689	1170	485	$\frac{2}{97}$	$\frac{19}{97}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{485}^2\ \Phi_{97}^4\ \Phi_5^3\ \Phi_1^6$
68690	1170	120	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^6\ \Phi_{30}^{11}\ \Phi_{24}^{12}\ \Phi_{20}^6\ \Phi_{15}^{11}\ \Phi_{12}^{12}\ \Phi_{10}^5\ \Phi_8^6\ \Phi_6^{10}\ \Phi_5^6\ \Phi_4^6\ \Phi_3^{10}\ \Phi_2^4\ \Phi_1^6$
68691	1170	485	$\frac{6}{97}$	$\frac{7}{97}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{485}^2\ \Phi_{97}^4\ \Phi_5^3\ \Phi_1^6$
68692	1170	560	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}^4\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}^4\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}^4\ \Phi_{20}\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
68693	1170	1984	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{1984}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}$
68694	1170	1169	$\frac{11}{1169}$	$\frac{261}{1169}$	$\frac{386}{1169}$	$\frac{454}{1169}$	$\Phi_{1169}\ \Phi_{167}\ \Phi_7\ \Phi_1^2$
68695	1170	564	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{23}{94}$	$\frac{71}{188}$	$\Phi_{564}^4\ \Phi_{282}\ \Phi_{188}^2\ \Phi_{141}\ \Phi_{94}\ \Phi_{12}^4\ \Phi_4^2$
68696	1170	1416	$\frac{1}{118}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1416}^2\ \Phi_{354}\ \Phi_{177}\ \Phi_{24}\ \Phi_6$
68697	1170	1864	$\frac{2}{233}$	$\frac{1}{4}$	$\frac{77}{233}$	$\frac{3}{8}$	$\Phi_{1864}\ \Phi_{233}\ \Phi_8^2\ \Phi_1^2$
68698	1170	632	$\frac{1}{79}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{632}^3\ \Phi_{316}\ \Phi_{158}$
68699	1170	1864	$\frac{5}{233}$	$\frac{38}{233}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1864}\ \Phi_{233}\ \Phi_8^2\ \Phi_1^2$
68700	1170	280	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^5\ \Phi_{140}^5\ \Phi_{70}^5\ \Phi_{56}^4\ \Phi_{35}^5\ \Phi_{28}^5\ \Phi_{14}^5\ \Phi_7^4$
68701	1170	1864	$\frac{8}{233}$	$\frac{25}{233}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1864}\ \Phi_{233}\ \Phi_8^2\ \Phi_1^2$
68702	1170	1080	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}^2\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
68703	1170	1864	$\frac{12}{233}$	$\frac{17}{233}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1864}\ \Phi_{233}\ \Phi_8^2\ \Phi_1^2$
68704	1170	1064	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1064}^2\ \Phi_{266}\ \Phi_{152}\ \Phi_{133}\ \Phi_{38}$
68705	1170	1254	$\frac{1}{66}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}\ \Phi_{209}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
68706	1170	1169	$\frac{19}{1169}$	$\frac{230}{1169}$	$\frac{313}{1169}$	$\frac{428}{1169}$	$\Phi_{1169}\ \Phi_{167}\ \Phi_7\ \Phi_1^2$
68707	1170	266	$\frac{3}{133}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{266}^7\ \Phi_{133}^2\ \Phi_{38}^7\ \Phi_{19}^2\ \Phi_{14}^4\ \Phi_7\ \Phi_2^4\ \Phi_1^2$
68708	1170	1240	$\frac{1}{40}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{248}\ \Phi_{155}\ \Phi_{124}\ \Phi_{62}$
68709	1170	620	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{620}^3\ \Phi_{310}\ \Phi_{155}\ \Phi_{124}^3\ \Phi_{62}$
68710	1170	1169	$\frac{51}{1169}$	$\frac{86}{1169}$	$\frac{361}{1169}$	$\frac{404}{1169}$	$\Phi_{1169}\ \Phi_{167}\ \Phi_7\ \Phi_1^2$
68711	1170	1169	$\frac{59}{1169}$	$\frac{74}{1169}$	$\frac{365}{1169}$	$\frac{402}{1169}$	$\Phi_{1169}\ \Phi_{167}\ \Phi_7\ \Phi_1^2$
68712	1170	1264	$\frac{4}{79}$	$\frac{1}{16}$	$\frac{25}{79}$	$\frac{27}{79}$	$\Phi_{1264}\ \Phi_{632}\ \Phi_{316}\ \Phi_{158}$
68713	1170	182	$\frac{4}{91}$	$\frac{1}{14}$	$\frac{29}{91}$	$\frac{31}{91}$	$\Phi_{182}^7\ \Phi_{91}^6\ \Phi_{26}^7\ \Phi_{14}^6\ \Phi_{13}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
68714	1170	1169	$\frac{26}{1169}$	$\frac{155}{1169}$	$\frac{381}{1169}$	$\frac{394}{1169}$	$\Phi_{1169}\ \Phi_{167}\ \Phi_7\ \Phi_1^2$
68715	1170	98	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{16}{49}$	$\frac{33}{98}$	$\Phi_{98}^{18}\ \Phi_{49}^6\ \Phi_{14}^{18}\ \Phi_7^5\ \Phi_2^{18}\ \Phi_1^6$
68716	1170	1410	$\frac{4}{235}$	$\frac{1}{6}$	$\frac{77}{235}$	$\frac{79}{235}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{470}\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
68717	1170	167	$\frac{2}{167}$	$\frac{37}{167}$	$\frac{55}{167}$	$\frac{56}{167}$	$\Phi_{167}^7\ \Phi_1^8$
68718	1170	1564	$\frac{4}{391}$	$\frac{1}{4}$	$\frac{129}{391}$	$\frac{131}{391}$	$\Phi_{1564}\ \Phi_{782}\ \Phi_{92}\ \Phi_{68}\ \Phi_{46}\ \Phi_{34}$
68719	1170	690	$\frac{1}{46}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{230}^2\ \Phi_{138}\ \Phi_{115}^2\ \Phi_{69}\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6$
68720	1170	1164	$\frac{1}{97}$	$\frac{1}{4}$	$\frac{32}{97}$	$\frac{1}{3}$	$\Phi_{1164}^2\ \Phi_{582}^2\ \Phi_{12}^3\ \Phi_6^3$
68721	1170	1758	$\frac{7}{586}$	$\frac{131}{586}$	$\frac{193}{586}$	$\frac{1}{3}$	$\Phi_{1758}\ \Phi_{879}\ \Phi_6$
68722	1170	174	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{19}{58}$	$\frac{1}{3}$	$\Phi_{174}^6\ \Phi_{87}^6\ \Phi_{58}^8\ \Phi_{29}^8\ \Phi_6^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
68723	1170	1758	$\frac{13}{586}$	$\frac{79}{586}$	$\frac{191}{586}$	$\frac{1}{3}$	$\Phi_{1758}\ \Phi_{879}\ \Phi_6$
68724	1170	1335	$\frac{2}{89}$	$\frac{2}{15}$	$\frac{29}{89}$	$\frac{1}{3}$	$\Phi_{1335}\ \Phi_{445}\ \Phi_{89}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
68725	1170	480	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{31}{96}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^4\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{80}^4\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^4\ \Phi_{32}^2\ \Phi_{30}^3\ \Phi_{24}\ \Phi_{20}^4\ \Phi_{16}^2\ \Phi_{15}^3\ \Phi_{12}\ \Phi_{10}^4\ \Phi_8^2\ \Phi_6^2\ \Phi_5^4\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68726	1170	462	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{66}^2\ \Phi_{42}^5\ \Phi_{33}^2\ \Phi_{21}^5\ \Phi_6^3\ \Phi_3^2$
68727	1170	912	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3$
68728	1170	1758	$\frac{31}{586}$	$\frac{37}{586}$	$\frac{183}{586}$	$\frac{1}{3}$	$\Phi_{1758}\ \Phi_{879}\ \Phi_6$
68729	1170	1758	$\frac{27}{586}$	$\frac{43}{586}$	$\frac{181}{586}$	$\frac{1}{3}$	$\Phi_{1758}\ \Phi_{879}\ \Phi_6$
68730	1170	840	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}^3\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^3\ \Phi_{42}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3$
68731	1170	414	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{414}^4\ \Phi_{207}^4\ \Phi_{138}\ \Phi_{69}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6$
68732	1170	1758	$\frac{11}{586}$	$\frac{115}{586}$	$\frac{157}{586}$	$\frac{1}{3}$	$\Phi_{1758}\ \Phi_{879}\ \Phi_6$
68733	1170	132	$\frac{1}{66}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^8\ \Phi_{66}^{10}\ \Phi_{44}^8\ \Phi_{33}^{10}\ \Phi_{22}^{10}\ \Phi_{12}^6\ \Phi_{11}^{10}\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
68734	1170	1164	$\frac{2}{97}$	$\frac{19}{97}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1164}^2\ \Phi_{582}^2\ \Phi_{12}^3\ \Phi_6^3$
68735	1170	1104	$\frac{1}{46}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1104}^2\ \Phi_{552}^2\ \Phi_{138}\ \Phi_{69}\ \Phi_{48}\ \Phi_{24}\ \Phi_6$
68736	1170	120	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^9\ \Phi_{60}^9\ \Phi_{40}^{12}\ \Phi_{30}^9\ \Phi_{24}^9\ \Phi_{20}^{12}\ \Phi_{15}^9\ \Phi_{12}^6\ \Phi_{10}^{12}\ \Phi_8^{12}\ \Phi_6^8\ \Phi_5^{12}\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
68737	1170	1860	$\frac{1}{31}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{310}\ \Phi_{124}\ \Phi_{62}$
68738	1170	1020	$\frac{3}{68}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{255}^2\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
68739	1170	1164	$\frac{6}{97}$	$\frac{7}{97}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1164}^2\ \Phi_{582}^2\ \Phi_{12}^3\ \Phi_6^3$
68740	1170	336	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{84}^4\ \Phi_{48}^3\ \Phi_{42}^5\ \Phi_{24}^3\ \Phi_{21}^5\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
68741	1170	1596	$\frac{1}{19}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{266}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
68742	1170	1368	$\frac{1}{19}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
68743	1170	870	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{28}{145}$	$\frac{1}{3}$	$\Phi_{870}^2\ \Phi_{435}\ \Phi_{290}^2\ \Phi_{145}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68744	1170	1335	$\frac{4}{89}$	$\frac{2}{15}$	$\frac{17}{89}$	$\frac{1}{3}$	$\Phi_{1335}\ \Phi_{445}\ \Phi_{89}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
68745	1170	240	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{1}{3}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{60}^8\ \Phi_{48}^4\ \Phi_{30}^9\ \Phi_{24}^4\ \Phi_{15}^9\ \Phi_{12}^4\ \Phi_6^5\ \Phi_3^4$
68746	1170	1758	$\frac{41}{586}$	$\frac{53}{586}$	$\frac{109}{586}$	$\frac{1}{3}$	$\Phi_{1758}\ \Phi_{879}\ \Phi_6$
68747	1170	462	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{66}^4\ \Phi_{42}^5\ \Phi_{21}^5\ \Phi_6^5$
68748	1170	1758	$\frac{37}{586}$	$\frac{61}{586}$	$\frac{105}{586}$	$\frac{1}{3}$	$\Phi_{1758}\ \Phi_{879}\ \Phi_6$
68749	1170	570	$\frac{1}{19}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{570}^3\ \Phi_{285}^2\ \Phi_{190}^3\ \Phi_{114}\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{38}$
68750	1170	174	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{174}^8\ \Phi_{87}^4\ \Phi_{58}^8\ \Phi_{29}^8\ \Phi_6^{10}\ \Phi_3^5\ \Phi_2^{10}\ \Phi_1^{10}$
68751	1170	210	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^8\ \Phi_{42}^3\ \Phi_{35}^8\ \Phi_{30}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68752	1170	1335	$\frac{5}{89}$	$\frac{2}{15}$	$\frac{14}{89}$	$\frac{1}{3}$	$\Phi_{1335}\ \Phi_{445}\ \Phi_{89}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
68753	1170	1680	$\frac{1}{16}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
68754	1170	1335	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1335}\ \Phi_{445}\ \Phi_{89}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
68755	1170	330	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{330}^4\ \Phi_{165}^3\ \Phi_{110}^5\ \Phi_{66}^4\ \Phi_{55}^4\ \Phi_{33}^4\ \Phi_{22}^5\ \Phi_{11}^4$
68756	1170	360	$\frac{7}{72}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^2\ \Phi_{90}^4\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{24}\ \Phi_{20}^4\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}\ \Phi_{10}^4\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^4\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
68757	1170	1602	$\frac{2}{89}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{29}{89}$	$\Phi_{1602}\ \Phi_{801}\ \Phi_{89}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
68758	1170	1424	$\frac{2}{89}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{29}{89}$	$\Phi_{1424}\ \Phi_{712}\ \Phi_{89}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
68759	1170	77	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{25}{77}$	$\Phi_{77}^{15}\ \Phi_{11}^{15}\ \Phi_7^{17}\ \Phi_1^{18}$
68760	1170	924	$\frac{2}{77}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{25}{77}$	$\Phi_{924}^2\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}^4\ \Phi_{11}\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
68761	1170	1169	$\frac{32}{1169}$	$\frac{158}{1169}$	$\frac{337}{1169}$	$\frac{379}{1169}$	$\Phi_{1169}\ \Phi_{167}\ \Phi_{7}\ \Phi_{1}^{2}$
68762	1170	1410	$\frac{7}{235}$	$\frac{1}{6}$	$\frac{53}{235}$	$\frac{76}{235}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{470}\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
68763	1170	1632	$\frac{1}{32}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{31}{96}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{96}^{2}\ \Phi_{51}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{17}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
68764	1170	672	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{31}{96}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{168}^{3}\ \Phi_{84}^{3}\ \Phi_{42}^{3}\ \Phi_{28}\ \Phi_{21}^{3}\ \Phi_{14}$
68765	1170	1169	$\frac{38}{1169}$	$\frac{181}{1169}$	$\frac{264}{1169}$	$\frac{377}{1169}$	$\Phi_{1169}\ \Phi_{167}\ \Phi_{7}\ \Phi_{1}^{2}$
68766	1170	1564	$\frac{13}{391}$	$\frac{53}{391}$	$\frac{1}{4}$	$\frac{126}{391}$	$\Phi_{1564}\ \Phi_{782}\ \Phi_{92}\ \Phi_{68}\ \Phi_{46}\ \Phi_{34}$
68767	1170	690	$\frac{4}{115}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{37}{115}$	$\Phi_{690}^{2}\ \Phi_{345}^{2}\ \Phi_{230}^{2}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
68768	1170	84	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{19}{84}$	$\frac{9}{28}$	$\Phi_{84}^{18}\ \Phi_{42}^{18}\ \Phi_{28}^{6}\ \Phi_{21}^{18}\ \Phi_{14}^{6}\ \Phi_{12}^{18}\ \Phi_{7}^{5}\ \Phi_{6}^{18}\ \Phi_{4}^{6}\ \Phi_{3}^{18}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
68769	1170	330	$\frac{1}{22}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{7}{22}$	$\Phi_{330}^{4}\ \Phi_{165}^{4}\ \Phi_{110}^{2}\ \Phi_{66}^{4}\ \Phi_{55}^{2}\ \Phi_{33}^{4}\ \Phi_{30}^{4}\ \Phi_{22}^{4}\ \Phi_{15}^{6}\ \Phi_{11}^{4}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
68770	1170	551	$\frac{1}{19}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{6}{19}$	$\Phi_{551}^{2}\ \Phi_{29}^{3}\ \Phi_{19}^{4}\ \Phi_{1}^{6}$
68771	1170	836	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{836}^{2}\ \Phi_{418}^{2}\ \Phi_{44}^{3}\ \Phi_{22}^{3}$
68772	1170	551	$\frac{1}{19}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{6}{19}$	$\Phi_{551}^{2}\ \Phi_{29}^{3}\ \Phi_{19}^{4}\ \Phi_{1}^{6}$
68773	1170	798	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{19}$	$\Phi_{798}^{2}\ \Phi_{399}^{2}\ \Phi_{266}^{2}\ \Phi_{42}^{3}\ \Phi_{21}^{3}\ \Phi_{14}^{3}$
68774	1170	1169	$\frac{62}{1169}$	$\frac{80}{1169}$	$\frac{363}{1169}$	$\frac{369}{1169}$	$\Phi_{1169}\ \Phi_{167}\ \Phi_{7}\ \Phi_{1}^{2}$
68775	1170	1298	$\frac{7}{118}$	$\frac{1}{11}$	$\frac{27}{118}$	$\frac{37}{118}$	$\Phi_{1298}\ \Phi_{649}\ \Phi_{22}$
68776	1170	1169	$\frac{74}{1169}$	$\frac{134}{1169}$	$\frac{207}{1169}$	$\frac{365}{1169}$	$\Phi_{1169}\ \Phi_{167}\ \Phi_{7}\ \Phi_{1}^{2}$
68777	1170	167	$\frac{11}{167}$	$\frac{23}{167}$	$\frac{24}{167}$	$\frac{52}{167}$	$\Phi_{167}^{7}\ \Phi_{1}^{8}$
68778	1170	196	$\frac{13}{196}$	$\frac{27}{196}$	$\frac{1}{7}$	$\frac{61}{196}$	$\Phi_{196}^{6}\ \Phi_{98}^{6}\ \Phi_{49}^{6}\ \Phi_{28}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
68779	1170	1410	$\frac{16}{235}$	$\frac{27}{235}$	$\frac{1}{6}$	$\frac{73}{235}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{470}\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
68780	1170	812	$\frac{2}{29}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{812}^{2}\ \Phi_{406}\ \Phi_{203}\ \Phi_{116}\ \Phi_{29}\ \Phi_{28}^{4}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
68781	1170	1169	$\frac{83}{1169}$	$\frac{90}{1169}$	$\frac{269}{1169}$	$\frac{362}{1169}$	$\Phi_{1169}\ \Phi_{167}\ \Phi_{7}\ \Phi_{1}^{2}$
68782	1170	1564	$\frac{27}{391}$	$\frac{28}{391}$	$\frac{1}{4}$	$\frac{121}{391}$	$\Phi_{1564}\ \Phi_{782}\ \Phi_{92}\ \Phi_{68}\ \Phi_{46}\ \Phi_{34}$
68783	1170	182	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{182}^{7}\ \Phi_{91}^{7}\ \Phi_{26}^{7}\ \Phi_{14}^{6}\ \Phi_{7}^{6}\ \Phi_{2}^{6}$
68784	1170	748	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{1}{4}$	$\frac{57}{187}$	$\Phi_{748}^{2}\ \Phi_{374}^{2}\ \Phi_{68}^{3}\ \Phi_{44}^{2}\ \Phi_{34}^{3}\ \Phi_{22}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
68785	1170	56	$\frac{5}{56}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{17}{56}$	$\Phi_{56}^{20}\ \Phi_{28}^{22}\ \Phi_{14}^{22}\ \Phi_{8}^{20}\ \Phi_{7}^{21}\ \Phi_{4}^{22}\ \Phi_{2}^{22}\ \Phi_{1}^{22}$
68786	1170	1169	$\frac{69}{1169}$	$\frac{110}{1169}$	$\frac{272}{1169}$	$\frac{353}{1169}$	$\Phi_{1169}\ \Phi_{167}\ \Phi_{7}\ \Phi_{1}^{2}$
68787	1170	1564	$\frac{21}{391}$	$\frac{37}{391}$	$\frac{1}{4}$	$\frac{118}{391}$	$\Phi_{1564}\ \Phi_{782}\ \Phi_{92}\ \Phi_{68}\ \Phi_{46}\ \Phi_{34}$
68788	1170	68	$\frac{3}{68}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{68}^{17}\ \Phi_{34}^{17}\ \Phi_{17}^{18}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
68789	1170	272	$\frac{1}{16}$	$\frac{2}{17}$	$\frac{3}{16}$	$\frac{5}{17}$	$\Phi_{272}^{4}\ \Phi_{136}^{4}\ \Phi_{68}^{4}\ \Phi_{34}^{4}\ \Phi_{17}^{5}\ \Phi_{16}^{8}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
68790	1170	714	$\frac{1}{14}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{714}^{2}\ \Phi_{357}^{2}\ \Phi_{238}\ \Phi_{119}\ \Phi_{102}\ \Phi_{51}\ \Phi_{42}^{4}\ \Phi_{21}^{4}\ \Phi_{17}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
68791	1170	1224	$\frac{7}{72}$	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{5}{17}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{72}^{2}\ \Phi_{51}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{17}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
68792	1170	92	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{1}{4}$	$\frac{27}{92}$	$\Phi_{92}^{13}\ \Phi_{46}^{13}\ \Phi_{23}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
68793	1170	1169	$\frac{64}{1169}$	$\frac{158}{1169}$	$\frac{221}{1169}$	$\frac{337}{1169}$	$\Phi_{1169}\ \Phi_{167}\ \Phi_{7}\ \Phi_{1}^{2}$
68794	1170	756	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{756}^{2}\ \Phi_{378}^{2}\ \Phi_{252}^{2}\ \Phi_{126}^{2}\ \Phi_{108}^{3}\ \Phi_{84}^{2}\ \Phi_{54}^{3}\ \Phi_{42}^{2}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
68795	1170	154	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{37}{154}$	$\frac{2}{7}$	$\Phi_{154}^{10}\ \Phi_{77}^{5}\ \Phi_{22}^{10}\ \Phi_{14}^{10}\ \Phi_{11}^{5}\ \Phi_{7}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{8}$
68796	1170	77	$\frac{5}{77}$	$\frac{1}{7}$	$\frac{12}{77}$	$\frac{2}{7}$	$\Phi_{77}^{15}\ \Phi_{11}^{15}\ \Phi_{7}^{17}\ \Phi_{1}^{18}$
68797	1170	14	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{14}^{90}\ \Phi_{7}^{77}\ \Phi_{2}^{90}\ \Phi_{1}^{78}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
68798	1170	308	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{308}^4\ \Phi_{154}^4\ \Phi_{77}^2\ \Phi_{44}^6\ \Phi_{28}^4\ \Phi_{22}^6\ \Phi_{14}^4\ \Phi_{11}^3\ \Phi_7^4\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
68799	1170	1242	$\frac{1}{27}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{1242}\ \Phi_{621}\ \Phi_{414}\ \Phi_{207}\ \Phi_{138}\ \Phi_{69}\ \Phi_{54}\ \Phi_{18}\ \Phi_6$
68800	1170	167	$\frac{11}{167}$	$\frac{24}{167}$	$\frac{26}{167}$	$\frac{47}{167}$	$\Phi_{167}^7\ \Phi_1^8$
68801	1170	1410	$\frac{13}{235}$	$\frac{37}{235}$	$\frac{1}{6}$	$\frac{66}{235}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{470}\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
68802	1170	1116	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{1116}^2\ \Phi_{558}\ \Phi_{279}\ \Phi_{124}\ \Phi_{62}$
68803	1170	1602	$\frac{4}{89}$	$\frac{1}{6}$	$\frac{17}{89}$	$\frac{5}{18}$	$\Phi_{1602}\ \Phi_{801}\ \Phi_{89}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
68804	1170	342	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{342}^5\ \Phi_{171}^5\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
68805	1170	1602	$\frac{5}{89}$	$\frac{14}{89}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1602}\ \Phi_{801}\ \Phi_{89}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
68806	1170	1008	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{252}^2\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
68807	1170	1602	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1602}\ \Phi_{801}\ \Phi_{89}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
68808	1170	990	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{198}\ \Phi_{110}\ \Phi_{99}\ \Phi_{55}\ \Phi_{22}$
68809	1170	1169	$\frac{65}{1169}$	$\frac{184}{1169}$	$\frac{197}{1169}$	$\frac{324}{1169}$	$\Phi_{1169}\ \Phi_{167}\ \Phi_7\ \Phi_1^2$
68810	1170	182	$\frac{1}{14}$	$\frac{11}{91}$	$\frac{16}{91}$	$\frac{25}{91}$	$\Phi_{182}^7\ \Phi_{91}^6\ \Phi_{26}^7\ \Phi_{14}^6\ \Phi_{13}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
68811	1170	1169	$\frac{79}{1169}$	$\frac{142}{1169}$	$\frac{218}{1169}$	$\frac{317}{1169}$	$\Phi_{1169}\ \Phi_{167}\ \Phi_7\ \Phi_1^2$
68812	1170	196	$\frac{11}{196}$	$\frac{1}{7}$	$\frac{37}{196}$	$\frac{53}{196}$	$\Phi_{196}^6\ \Phi_{98}^6\ \Phi_{49}^6\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
68813	1170	1169	$\frac{34}{1169}$	$\frac{227}{1169}$	$\frac{285}{1169}$	$\frac{314}{1169}$	$\Phi_{1169}\ \Phi_{167}\ \Phi_7\ \Phi_1^2$
68814	1170	1564	$\frac{11}{391}$	$\frac{76}{391}$	$\frac{1}{4}$	$\frac{105}{391}$	$\Phi_{1564}\ \Phi_{782}\ \Phi_{92}\ \Phi_{68}\ \Phi_{46}\ \Phi_{34}$
68815	1170	172	$\frac{1}{43}$	$\frac{21}{86}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{172}^6\ \Phi_{86}^8\ \Phi_{43}^7\ \Phi_4^8\ \Phi_2^{10}\ \Phi_1^{10}$
68816	1170	516	$\frac{4}{129}$	$\frac{25}{129}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{516}^2\ \Phi_{258}^2\ \Phi_{172}^2\ \Phi_{129}^3\ \Phi_{86}^2\ \Phi_{43}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
68817	1170	496	$\frac{1}{31}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{496}^3\ \Phi_{248}^3\ \Phi_{124}\ \Phi_{62}$
68818	1170	108	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{108}^{10}\ \Phi_{54}^{13}\ \Phi_{36}^{10}\ \Phi_{27}^{12}\ \Phi_{18}^{13}\ \Phi_{12}^6\ \Phi_9^{12}\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
68819	1170	476	$\frac{3}{68}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{476}^3\ \Phi_{238}^3\ \Phi_{119}^3\ \Phi_{28}\ \Phi_{14}$
68820	1170	172	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{172}^6\ \Phi_{86}^6\ \Phi_{43}^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{12}$
68821	1170	308	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{308}^4\ \Phi_{154}^5\ \Phi_{77}^5\ \Phi_{44}^2\ \Phi_{22}^3\ \Phi_{11}^2$
68822	1170	92	$\frac{1}{23}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{1}{4}$	$\Phi_{92}^{17}\ \Phi_{46}^9\ \Phi_{23}^8\ \Phi_4^{16}\ \Phi_2^8\ \Phi_1^8$
68823	1170	1792	$\frac{3}{64}$	$\frac{1}{7}$	$\frac{61}{256}$	$\frac{1}{4}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{28}\ \Phi_{14}$
68824	1170	276	$\frac{4}{69}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{276}^6\ \Phi_{138}^6\ \Phi_{92}^5\ \Phi_{46}^5\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^4\ \Phi_2^4$
68825	1170	240	$\frac{1}{16}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^3\ \Phi_{60}^4\ \Phi_{48}^6\ \Phi_{40}^3\ \Phi_{30}^4\ \Phi_{24}^6\ \Phi_{20}^2\ \Phi_{16}^6\ \Phi_{15}^6\ \Phi_{12}^4$ $\Phi_{10}^2\ \Phi_8^6\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
68826	1170	1424	$\frac{4}{89}$	$\frac{3}{16}$	$\frac{17}{89}$	$\frac{1}{4}$	$\Phi_{1424}\ \Phi_{712}\ \Phi_{89}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
68827	1170	912	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}\ \Phi_{152}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
68828	1170	1424	$\frac{5}{89}$	$\frac{14}{89}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1424}\ \Phi_{712}\ \Phi_{89}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
68829	1170	112	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{112}^{12}\ \Phi_{56}^{12}\ \Phi_{28}^{13}\ \Phi_{14}^{13}\ \Phi_7^{12}$
68830	1170	1424	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1424}\ \Phi_{712}\ \Phi_{89}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
68831	1170	880	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{22}$
68832	1170	1564	$\frac{26}{391}$	$\frac{53}{391}$	$\frac{73}{391}$	$\frac{1}{4}$	$\Phi_{1564}\ \Phi_{782}\ \Phi_{92}\ \Phi_{68}\ \Phi_{46}\ \Phi_{34}$
68833	1170	340	$\frac{7}{85}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{340}^5\ \Phi_{170}^5\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_4^2\ \Phi_2^2$
68834	1170	812	$\frac{1}{14}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\Phi_{812}^2\ \Phi_{406}\ \Phi_{203}\ \Phi_{116}\ \Phi_{29}\ \Phi_{28}^4\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
68835	1170	1564	$\frac{25}{391}$	$\frac{61}{391}$	$\frac{66}{391}$	$\frac{1}{4}$	$\Phi_{1564}\ \Phi_{782}\ \Phi_{92}\ \Phi_{68}\ \Phi_{46}\ \Phi_{34}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
68836	1170	924	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{924}^{2}\,\Phi_{462}\,\Phi_{308}\,\Phi_{231}\,\Phi_{132}^{2}\,\Phi_{84}^{2}\,\Phi_{77}\,\Phi_{66}\,\Phi_{44}\,\Phi_{42}\,\Phi_{33}\,\Phi_{28}\,\Phi_{21}\,\Phi_{12}^{4}\,\Phi_{11}\,\Phi_{7}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
68837	1170	84	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{84}^{22}\,\Phi_{42}^{11}\,\Phi_{28}^{11}\,\Phi_{21}^{11}\,\Phi_{14}^{6}\,\Phi_{12}^{24}\,\Phi_{7}^{5}\,\Phi_{6}^{12}\,\Phi_{4}^{12}\,\Phi_{3}^{12}\,\Phi_{2}^{6}\,\Phi_{1}^{6}$
68838	1170	132	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{132}^{10}\,\Phi_{66}^{11}\,\Phi_{44}^{5}\,\Phi_{33}^{11}\,\Phi_{22}^{6}\,\Phi_{12}^{12}\,\Phi_{11}^{5}\,\Phi_{6}^{12}\,\Phi_{4}^{6}\,\Phi_{3}^{12}\,\Phi_{2}^{6}\,\Phi_{1}^{6}$
68839	1170	92	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{7}{46}$	$\frac{1}{4}$	$\Phi_{92}^{17}\,\Phi_{46}^{7}\,\Phi_{23}^{10}\,\Phi_{4}^{16}\,\Phi_{2}^{6}\,\Phi_{1}^{10}$
68840	1170	224	$\frac{3}{32}$	$\frac{29}{224}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{224}^{5}\,\Phi_{112}^{5}\,\Phi_{56}^{5}\,\Phi_{32}^{6}\,\Phi_{28}^{6}\,\Phi_{16}^{6}\,\Phi_{14}^{6}\,\Phi_{8}^{6}\,\Phi_{7}^{5}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{6}$
68841	1170	504	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{504}^{3}\,\Phi_{252}^{3}\,\Phi_{168}^{3}\,\Phi_{126}^{3}\,\Phi_{84}^{3}\,\Phi_{63}^{3}\,\Phi_{42}^{3}\,\Phi_{28}\,\Phi_{21}^{3}\,\Phi_{14}$
68842	1170	84	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{19}{84}$	$\Phi_{84}^{18}\,\Phi_{42}^{18}\,\Phi_{28}^{18}\,\Phi_{14}^{18}\,\Phi_{12}^{18}\,\Phi_{7}^{5}\,\Phi_{6}^{18}\,\Phi_{4}^{18}\,\Phi_{2}^{18}\,\Phi_{1}^{6}$
68843	1170	224	$\frac{3}{28}$	$\frac{29}{224}$	$\frac{1}{7}$	$\frac{25}{112}$	$\Phi_{224}^{6}\,\Phi_{112}^{4}\,\Phi_{56}^{4}\,\Phi_{32}^{6}\,\Phi_{28}^{6}\,\Phi_{16}^{4}\,\Phi_{14}^{6}\,\Phi_{8}^{4}\,\Phi_{7}^{5}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{6}$
68844	1170	56	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{56}^{26}\,\Phi_{28}^{26}\,\Phi_{14}^{6}\,\Phi_{8}^{26}\,\Phi_{7}^{5}\,\Phi_{4}^{26}\,\Phi_{2}^{6}\,\Phi_{1}^{6}$
68845	1170	49	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{9}{49}$	$\frac{10}{49}$	$\Phi_{49}^{24}\,\Phi_{7}^{23}\,\Phi_{1}^{24}$
68846	1170	165	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{2}{11}$	$\frac{1}{5}$	$\Phi_{165}^{8}\,\Phi_{55}^{4}\,\Phi_{33}^{8}\,\Phi_{15}^{10}\,\Phi_{11}^{8}\,\Phi_{5}^{5}\,\Phi_{3}^{10}\,\Phi_{1}^{10}$
68847	1170	30	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{30}^{37}\,\Phi_{15}^{39}\,\Phi_{10}^{41}\,\Phi_{6}^{36}\,\Phi_{5}^{42}\,\Phi_{3}^{38}\,\Phi_{2}^{40}\,\Phi_{1}^{42}$
68848	1170	140	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{23}{140}$	$\frac{5}{28}$	$\Phi_{140}^{10}\,\Phi_{70}^{10}\,\Phi_{35}^{10}\,\Phi_{28}^{2}\,\Phi_{20}^{10}\,\Phi_{14}^{2}\,\Phi_{10}^{10}\,\Phi_{7}\,\Phi_{5}^{10}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
68849	1170	282	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{6}$	$\frac{8}{47}$	$\Phi_{282}^{5}\,\Phi_{141}^{5}\,\Phi_{94}^{5}\,\Phi_{6}^{4}\,\Phi_{3}^{4}\,\Phi_{2}^{4}$
68850	1171	1872	$\frac{1}{234}$	$\frac{235}{936}$	$\frac{701}{1872}$	$\frac{233}{468}$	$\Phi_{1872}\,\Phi_{624}\,\Phi_{468}\,\Phi_{208}\,\Phi_{156}\,\Phi_{144}\,\Phi_{52}\,\Phi_{48}\,\Phi_{36}\,\Phi_{16}\,\Phi_{12}\,\Phi_{4}\,\Phi_{1}$
68851	1171	2328	$\frac{7}{1164}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1157}{2328}$	$\Phi_{2328}\,\Phi_{776}\,\Phi_{24}\,\Phi_{12}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
68852	1171	2080	$\frac{1}{130}$	$\frac{131}{1040}$	$\frac{909}{2080}$	$\frac{129}{260}$	$\Phi_{2080}\,\Phi_{416}\,\Phi_{260}\,\Phi_{160}\,\Phi_{52}\,\Phi_{32}\,\Phi_{20}\,\Phi_{4}\,\Phi_{1}$
68853	1171	1560	$\frac{1}{130}$	$\frac{389}{1560}$	$\frac{131}{520}$	$\frac{129}{260}$	$\Phi_{1560}\,\Phi_{780}\,\Phi_{390}\,\Phi_{312}\,\Phi_{260}\,\Phi_{195}\,\Phi_{156}\,\Phi_{120}\,\Phi_{78}\,\Phi_{60}\,\Phi_{52}\,\Phi_{39}\,\Phi_{30}\,\Phi_{24}\,\Phi_{20}\,\Phi_{15}\,\Phi_{12}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
68854	1171	2320	$\frac{11}{1160}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1149}{2320}$	$\Phi_{2320}\,\Phi_{464}\,\Phi_{80}\,\Phi_{20}\,\Phi_{16}\,\Phi_{4}\,\Phi_{1}$
68855	1171	2160	$\frac{1}{90}$	$\frac{91}{1080}$	$\frac{989}{2160}$	$\frac{89}{180}$	$\Phi_{2160}\,\Phi_{720}\,\Phi_{432}\,\Phi_{240}\,\Phi_{180}\,\Phi_{144}\,\Phi_{80}\,\Phi_{60}\,\Phi_{48}\,\Phi_{36}\,\Phi_{20}\,\Phi_{16}\,\Phi_{12}\,\Phi_{4}\,\Phi_{1}$
68856	1171	1620	$\frac{1}{90}$	$\frac{91}{540}$	$\frac{449}{1620}$	$\frac{89}{180}$	$\Phi_{1620}\,\Phi_{810}\,\Phi_{405}\,\Phi_{324}\,\Phi_{180}\,\Phi_{162}\,\Phi_{81}\,\Phi_{60}\,\Phi_{36}\,\Phi_{20}\,\Phi_{12}\,\Phi_{4}\,\Phi_{1}$
68857	1171	1440	$\frac{1}{90}$	$\frac{269}{1440}$	$\frac{91}{360}$	$\frac{89}{180}$	$\Phi_{1440}\,\Phi_{720}\,\Phi_{480}\,\Phi_{288}\,\Phi_{240}\,\Phi_{180}\,\Phi_{160}\,\Phi_{144}\,\Phi_{96}\,\Phi_{80}\,\Phi_{60}\,\Phi_{48}\,\Phi_{36}\,\Phi_{32}\,\Phi_{20}\,\Phi_{16}\,\Phi_{12}\,\Phi_{4}\,\Phi_{1}$
68858	1171	2184	$\frac{1}{78}$	$\frac{79}{1092}$	$\frac{1013}{2184}$	$\frac{77}{156}$	$\Phi_{2184}\,\Phi_{728}\,\Phi_{312}\,\Phi_{168}\,\Phi_{156}\,\Phi_{104}\,\Phi_{56}\,\Phi_{52}\,\Phi_{24}\,\Phi_{12}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
68859	1171	2304	$\frac{19}{1152}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{1133}{2304}$	$\Phi_{2304}\,\Phi_{768}\,\Phi_{256}\,\Phi_{36}\,\Phi_{12}\,\Phi_{4}\,\Phi_{1}$
68860	1171	2304	$\frac{19}{1152}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1133}{2304}$	$\Phi_{2304}\,\Phi_{768}\,\Phi_{256}\,\Phi_{24}\,\Phi_{12}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
68861	1171	1410	$\frac{4}{235}$	$\frac{239}{1410}$	$\frac{1}{5}$	$\frac{231}{470}$	$\Phi_{1410}\,\Phi_{705}\,\Phi_{282}\,\Phi_{235}\,\Phi_{141}\,\Phi_{47}\,\Phi_{30}\,\Phi_{15}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
68862	1171	2300	$\frac{21}{1150}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1129}{2300}$	$\Phi_{2300}\,\Phi_{460}\,\Phi_{100}\,\Phi_{92}\,\Phi_{25}\,\Phi_{20}\,\Phi_{4}\,\Phi_{1}$
68863	1171	2288	$\frac{27}{1144}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{1117}{2288}$	$\Phi_{2288}\,\Phi_{208}\,\Phi_{176}\,\Phi_{52}\,\Phi_{16}\,\Phi_{4}\,\Phi_{1}$
68864	1171	2280	$\frac{31}{1140}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{1109}{2280}$	$\Phi_{2280}\,\Phi_{760}\,\Phi_{456}\,\Phi_{152}\,\Phi_{120}\,\Phi_{60}\,\Phi_{40}\,\Phi_{24}\,\Phi_{20}\,\Phi_{12}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
68865	1171	1242	$\frac{2}{69}$	$\frac{71}{1242}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{1242}\,\Phi_{621}\,\Phi_{414}\,\Phi_{207}\,\Phi_{69}\,\Phi_{54}\,\Phi_{27}\,\Phi_{23}\,\Phi_{18}\,\Phi_{9}\,\Phi_{1}$
68866	1171	1344	$\frac{5}{168}$	$\frac{173}{1344}$	$\frac{1}{6}$	$\frac{163}{336}$	$\Phi_{1344}\,\Phi_{672}\,\Phi_{448}\,\Phi_{224}\,\Phi_{192}\,\Phi_{168}\,\Phi_{96}\,\Phi_{84}\,\Phi_{64}\,\Phi_{56}\,\Phi_{42}\,\Phi_{32}\,\Phi_{28}\,\Phi_{24}\,\Phi_{21}\,\Phi_{14}\,\Phi_{12}\,\Phi_{8}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
68867	1171	2268	$\frac{37}{1134}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1097}{2268}$	$\Phi_{2268}\,\Phi_{756}\,\Phi_{324}\,\Phi_{252}\,\Phi_{108}\,\Phi_{84}\,\Phi_{54}\,\Phi_{36}\,\Phi_{28}\,\Phi_{27}\,\Phi_{12}\,\Phi_{4}\,\Phi_{1}$
68868	1171	2268	$\frac{37}{1134}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1097}{2268}$	$\Phi_{2268}\,\Phi_{756}\,\Phi_{324}\,\Phi_{252}\,\Phi_{108}\,\Phi_{84}\,\Phi_{42}\,\Phi_{36}\,\Phi_{28}\,\Phi_{21}\,\Phi_{14}\,\Phi_{12}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
68869	1171	1716	$\frac{1}{26}$	$\frac{27}{572}$	$\frac{545}{1716}$	$\frac{25}{52}$	$\Phi_{1716}\,\Phi_{858}\,\Phi_{429}\,\Phi_{156}\,\Phi_{132}\,\Phi_{78}\,\Phi_{66}\,\Phi_{52}\,\Phi_{39}\,\Phi_{33}\,\Phi_{12}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
68870	1171	1248	$\frac{1}{26}$	$\frac{77}{1248}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{1248}\,\Phi_{624}\,\Phi_{416}\,\Phi_{312}\,\Phi_{208}\,\Phi_{156}\,\Phi_{96}\,\Phi_{78}\,\Phi_{52}\,\Phi_{48}\,\Phi_{39}\,\Phi_{32}\,\Phi_{24}\,\Phi_{16}\,\Phi_{12}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
68871	1171	1224	$\frac{2}{51}$	$\frac{53}{1224}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{17}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
68872	1171	1584	$\frac{17}{396}$	$\frac{1}{18}$	$\frac{413}{1584}$	$\frac{379}{792}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
68873	1171	2244	$\frac{2}{51}$	$\frac{49}{1122}$	$\frac{1}{3}$	$\frac{1073}{2244}$	$\Phi_{2244}\ \Phi_{748}\ \Phi_{204}\ \Phi_{132}\ \Phi_{68}\ \Phi_{51}\ \Phi_{44}\ \Phi_{17}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
68874	1171	1728	$\frac{19}{576}$	$\frac{1}{18}$	$\frac{557}{1728}$	$\frac{17}{36}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
68875	1171	1224	$\frac{53}{1224}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
68876	1171	1440	$\frac{1}{18}$	$\frac{19}{288}$	$\frac{269}{1440}$	$\frac{17}{36}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
68877	1171	1296	$\frac{1}{18}$	$\frac{125}{1296}$	$\frac{19}{144}$	$\frac{17}{36}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
68878	1171	2208	$\frac{2}{69}$	$\frac{67}{1104}$	$\frac{1}{3}$	$\frac{1037}{2208}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{96}\ \Phi_{69}\ \Phi_{32}\ \Phi_{23}\ \Phi_{1}$
68879	1171	1352	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{181}{1352}$	$\frac{157}{338}$	$\Phi_{1352}\ \Phi_{676}\ \Phi_{169}\ \Phi_{104}\ \Phi_{52}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
68880	1171	2184	$\frac{5}{84}$	$\frac{79}{1092}$	$\frac{1}{6}$	$\frac{1013}{2184}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{168}\ \Phi_{104}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
68881	1171	2184	$\frac{79}{1092}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1013}{2184}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{168}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{24}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
68882	1171	2160	$\frac{1}{45}$	$\frac{91}{1080}$	$\frac{44}{135}$	$\frac{989}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{135}\ \Phi_{80}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
68883	1171	2160	$\frac{1}{30}$	$\frac{91}{1080}$	$\frac{29}{120}$	$\frac{989}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
68884	1171	2160	$\frac{1}{18}$	$\frac{91}{1080}$	$\frac{17}{108}$	$\frac{989}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{108}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
68885	1171	1740	$\frac{11}{580}$	$\frac{1}{10}$	$\frac{569}{1740}$	$\frac{9}{20}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
68886	1171	1200	$\frac{29}{1200}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
68887	1171	1620	$\frac{1}{45}$	$\frac{44}{405}$	$\frac{449}{1620}$	$\frac{361}{810}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
68888	1171	2100	$\frac{1}{30}$	$\frac{121}{1050}$	$\frac{29}{150}$	$\frac{929}{2100}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{150}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
68889	1171	1440	$\frac{1}{30}$	$\frac{29}{240}$	$\frac{269}{1440}$	$\frac{211}{480}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
68890	1171	1274	$\frac{1}{13}$	$\frac{103}{1274}$	$\frac{12}{91}$	$\frac{79}{182}$	$\Phi_{1274}\ \Phi_{637}\ \Phi_{98}\ \Phi_{91}\ \Phi_{49}\ \Phi_{7}\ \Phi_{1}$
68891	1171	2028	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{157}{1014}$	$\frac{857}{2028}$	$\Phi_{2028}\ \Phi_{676}\ \Phi_{169}\ \Phi_{156}\ \Phi_{52}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
68892	1171	1296	$\frac{1}{18}$	$\frac{125}{1296}$	$\frac{17}{108}$	$\frac{91}{216}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
68893	1171	1200	$\frac{29}{1200}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
68894	1171	2016	$\frac{5}{168}$	$\frac{163}{1008}$	$\frac{1}{6}$	$\frac{845}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
68895	1171	1980	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{181}{990}$	$\frac{809}{1980}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
68896	1171	1200	$\frac{29}{1200}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
68897	1171	1920	$\frac{1}{30}$	$\frac{29}{240}$	$\frac{211}{960}$	$\frac{749}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{240}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
68898	1171	1880	$\frac{4}{235}$	$\frac{1}{5}$	$\frac{231}{940}$	$\frac{709}{1880}$	$\Phi_{1880}\ \Phi_{376}\ \Phi_{235}\ \Phi_{47}\ \Phi_{40}\ \Phi_{8}\ \Phi_{1}$
68899	1171	1872	$\frac{1}{78}$	$\frac{77}{312}$	$\frac{235}{936}$	$\frac{701}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{104}\ \Phi_{52}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
68900	1171	1800	$\frac{1}{30}$	$\frac{29}{300}$	$\frac{271}{900}$	$\frac{629}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
68901	1171	1350	$\frac{1}{45}$	$\frac{179}{1350}$	$\frac{44}{135}$	$\frac{91}{270}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{135}\ \Phi_{75}\ \Phi_{50}\ \Phi_{27}\ \Phi_{25}\ \Phi_{1}$
68902	1171	1764	$\frac{5}{294}$	$\frac{1}{6}$	$\frac{289}{882}$	$\frac{593}{1764}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{49}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
68903	1171	1683	$\frac{2}{51}$	$\frac{49}{561}$	$\frac{512}{1683}$	$\frac{1}{3}$	$\Phi_{1683}\ \Phi_{153}\ \Phi_{99}\ \Phi_{51}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
68904	1171	1656	$\frac{2}{69}$	$\frac{67}{552}$	$\frac{485}{1656}$	$\frac{1}{3}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{414}\ \Phi_{207}\ \Phi_{72}\ \Phi_{69}\ \Phi_{36}\ \Phi_{23}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
68905	1171	1380	$\frac{2}{69}$	$\frac{209}{1380}$	$\frac{67}{276}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{230}\ \Phi_{115}\ \Phi_{69}\ \Phi_{60}\ \Phi_{30}\ \Phi_{23}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
68906	1171	1620	$\frac{1}{45}$	$\frac{91}{540}$	$\frac{449}{1620}$	$\frac{44}{135}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{162}\ \Phi_{135}\ \Phi_{81}\ \Phi_{27}\ \Phi_{1}$
68907	1171	1512	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{341}{1512}$	$\frac{163}{504}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
68908	1171	1728	$\frac{19}{576}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{557}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
68909	1171	1725	$\frac{21}{575}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{554}{1725}$	$\Phi_{1725}\ \Phi_{345}\ \Phi_{75}\ \Phi_{69}\ \Phi_{25}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
68910	1171	1296	$\frac{1}{18}$	$\frac{125}{1296}$	$\frac{37}{162}$	$\frac{17}{54}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
68911	1171	1512	$\frac{1}{18}$	$\frac{37}{378}$	$\frac{341}{1512}$	$\frac{17}{54}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{54}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
68912	1171	1521	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{350}{1521}$	$\frac{157}{507}$	$\Phi_{1521}\ \Phi_{169}\ \Phi_{117}\ \Phi_{9}\ \Phi_{1}$
68913	1171	1260	$\frac{89}{1260}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{126}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
68914	1171	1365	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{194}{1365}$	$\frac{79}{273}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}\ \Phi_{35}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
68915	1171	1638	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{79}{546}$	$\frac{467}{1638}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{234}\ \Phi_{126}\ \Phi_{117}\ \Phi_{91}\ \Phi_{63}\ \Phi_{18}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
68916	1171	1620	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{91}{540}$	$\frac{449}{1620}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
68917	1171	1224	$\frac{53}{1224}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
68918	1171	1440	$\frac{1}{30}$	$\frac{269}{1440}$	$\frac{29}{120}$	$\frac{91}{360}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
68919	1171	1536	$\frac{19}{384}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{365}{1536}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
68920	1171	1512	$\frac{37}{378}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{341}{1512}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
68921	1171	1456	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{285}{1456}$	$\frac{79}{364}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{208}\ \Phi_{112}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{16}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
68922	1171	1248	$\frac{77}{1248}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
68923	1171	1440	$\frac{19}{288}$	$\frac{1}{6}$	$\frac{269}{1440}$	$\frac{5}{24}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
68924	1171	1296	$\frac{125}{1296}$	$\frac{19}{144}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
68925	1171	1344	$\frac{19}{192}$	$\frac{173}{1344}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
68926	1172	1752	$\frac{1}{292}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{291}{584}$	$\Phi_{1752}\ \Phi_{584}^2\ \Phi_{24}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
68927	1172	2910	$\frac{2}{291}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{289}{582}$	$\Phi_{2910}\ \Phi_{970}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
68928	1172	1960	$\frac{1}{98}$	$\frac{1}{5}$	$\frac{99}{392}$	$\frac{97}{196}$	$\Phi_{1960}\ \Phi_{490}\ \Phi_{280}\ \Phi_{245}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{10}$
68929	1172	2880	$\frac{5}{288}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{283}{576}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{320}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
68930	1172	2870	$\frac{6}{287}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{281}{574}$	$\Phi_{2870}\ \Phi_{410}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
68931	1172	1680	$\frac{1}{42}$	$\frac{43}{336}$	$\frac{1}{5}$	$\frac{41}{84}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
68932	1172	560	$\frac{13}{280}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{267}{560}$	$\Phi_{560}^4\ \Phi_{112}^4\ \Phi_{80}^4\ \Phi_{70}\ \Phi_{35}\ \Phi_{16}^4\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
68933	1172	1540	$\frac{15}{308}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{220}\ \Phi_{110}\ \Phi_{70}\ \Phi_{55}\ \Phi_{35}\ \Phi_{10}$
68934	1172	2730	$\frac{1}{21}$	$\frac{20}{273}$	$\frac{1}{5}$	$\frac{253}{546}$	$\Phi_{2730}\ \Phi_{910}\ \Phi_{390}\ \Phi_{210}\ \Phi_{130}\ \Phi_{105}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
68935	1172	2520	$\frac{1}{42}$	$\frac{41}{252}$	$\frac{1}{5}$	$\frac{211}{504}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{360}\ \Phi_{280}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
68936	1172	300	$\frac{7}{300}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^4\ \Phi_{60}^3\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
68937	1172	490	$\frac{1}{49}$	$\frac{48}{245}$	$\frac{1}{5}$	$\frac{197}{490}$	$\Phi_{490}^4\ \Phi_{245}\ \Phi_{98}^4\ \Phi_{70}^4\ \Phi_{35}\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_{2}^4$
68938	1172	438	$\frac{1}{146}$	$\frac{145}{438}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{438}^3\ \Phi_{219}^3\ \Phi_{146}^2\ \Phi_{73}^2\ \Phi_{6}^3\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
68939	1172	888	$\frac{3}{296}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{888}\ \Phi_{444}\ \Phi_{296}^2\ \Phi_{222}\ \Phi_{148}^2\ \Phi_{111}\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{24}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
68940	1172	1095	$\frac{1}{73}$	$\frac{72}{365}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1095}\ \Phi_{365}^2\ \Phi_{15}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
68941	1172	1890	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{85}{378}$	$\frac{41}{126}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{270}\ \Phi_{210}\ \Phi_{135}\ \Phi_{105}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
68942	1172	2160	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{139}{432}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
68943	1172	420	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{5}$	$\frac{127}{420}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}\ \Phi_{30}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}\ \Phi_{6}^4\ \Phi_{3}^4$
68944	1172	1530	$\frac{13}{306}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{85}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
68945	1172	1920	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{91}{384}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{320}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
68946	1172	1680	$\frac{1}{14}$	$\frac{43}{336}$	$\frac{1}{5}$	$\frac{13}{56}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{240}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
68947	1172	1560	$\frac{19}{312}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{65}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
68948	1172	360	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{360}$	$\frac{1}{5}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^4\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{9}^4\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
68949	1172	350	$\frac{1}{14}$	$\frac{57}{350}$	$\frac{13}{70}$	$\frac{1}{5}$	$\Phi_{350}^4\ \Phi_{175}^4\ \Phi_{70}\ \Phi_{50}^4\ \Phi_{35}\ \Phi_{25}^4\ \Phi_{10}$
68950	1172	1620	$\frac{31}{324}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{270}\ \Phi_{135}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
68951	1172	1680	$\frac{5}{48}$	$\frac{43}{336}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
68952	1173	2336	$\frac{5}{1168}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1163}{2336}$	$\Phi_{2336}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
68953	1173	1568	$\frac{3}{392}$	$\frac{1}{4}$	$\frac{395}{1568}$	$\frac{389}{784}$	$\Phi_{1568}\ \Phi_{392}\ \Phi_{224}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
68954	1173	776	$\frac{3}{388}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{385}{776}$	$\Phi_{776}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
68955	1173	544	$\frac{1}{68}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{67}{136}$	$\Phi_{544}^4\ \Phi_{136}\ \Phi_{32}^5\ \Phi_{8}\ \Phi_{1}$
68956	1173	408	$\frac{1}{68}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{67}{136}$	$\Phi_{408}^4\ \Phi_{204}^4\ \Phi_{136}\ \Phi_{102}^4\ \Phi_{51}^4\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_{8}\ \Phi_{6}^5\ \Phi_{3}^5\ \Phi_{1}$
68957	1173	680	$\frac{1}{68}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{67}{136}$	$\Phi_{680}^4\ \Phi_{136}\ \Phi_{40}^4\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
68958	1173	1540	$\frac{6}{385}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{379}{770}$	$\Phi_{1540}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}\ \Phi_{77}\ \Phi_{55}\ \Phi_{44}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{14}\ \Phi_{11}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
68959	1173	448	$\frac{1}{56}$	$\frac{57}{448}$	$\frac{1}{4}$	$\frac{55}{112}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{64}^3\ \Phi_{56}^3\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{8}^3\ \Phi_{7}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
68960	1173	768	$\frac{7}{384}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{377}{768}$	$\Phi_{768}^3\ \Phi_{256}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
68961	1173	1100	$\frac{1}{50}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{49}{100}$	$\Phi_{550}^2\ \Phi_{275}^2\ \Phi_{110}^2\ \Phi_{100}\ \Phi_{55}^2\ \Phi_{50}^2\ \Phi_{44}\ \Phi_{25}^2\ \Phi_{22}^2\ \Phi_{20}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
68962	1173	3300	$\frac{1}{50}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{49}{100}$	$\Phi_{3300}\ \Phi_{660}\ \Phi_{300}\ \Phi_{132}\ \Phi_{100}\ \Phi_{60}\ \Phi_{33}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
68963	1173	2296	$\frac{25}{1148}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1123}{2296}$	$\Phi_{2296}\ \Phi_{328}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
68964	1173	756	$\frac{13}{378}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{365}{756}$	$\Phi_{756}\ \Phi_{378}^2\ \Phi_{252}\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^3\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_{12}\ \Phi_{9}^2\ \Phi_{7}^3\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^3$
68965	1173	1100	$\frac{1}{25}$	$\frac{1}{22}$	$\frac{8}{25}$	$\frac{21}{44}$	$\Phi_{1100}^2\ \Phi_{220}^2\ \Phi_{100}^2\ \Phi_{44}^3\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{5}^2\ \Phi_{4}^3\ \Phi_{1}^3$
68966	1173	396	$\frac{1}{22}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{396}^2\ \Phi_{198}^4\ \Phi_{132}^2\ \Phi_{99}^4\ \Phi_{66}^4\ \Phi_{44}\ \Phi_{36}^4\ \Phi_{33}^4\ \Phi_{22}^2\ \Phi_{18}^5\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_{9}^5\ \Phi_{6}^5\ \Phi_{4}^2\ \Phi_{3}^5\ \Phi_{2}^2\ \Phi_{1}^3$
68967	1173	220	$\frac{1}{22}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{220}^{10}\ \Phi_{55}\ \Phi_{44}^{11}\ \Phi_{20}^{10}\ \Phi_{11}\ \Phi_{4}^{11}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
68968	1173	220	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{21}{44}$	$\Phi_{220}^{4}\,\Phi_{110}^{6}\,\Phi_{55}^{6}\,\Phi_{44}^{5}\,\Phi_{22}^{6}\,\Phi_{20}^{7}\,\Phi_{11}^{6}\,\Phi_{10}^{8}\,\Phi_{5}^{8}\,\Phi_{4}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
68969	1173	2240	$\frac{53}{1120}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{1067}{2240}$	$\Phi_{2240}\,\Phi_{448}\,\Phi_{320}\,\Phi_{64}\,\Phi_{56}\,\Phi_{28}\,\Phi_{14}\,\Phi_{8}\,\Phi_{7}\,\Phi_{1}$
68970	1173	1232	$\frac{59}{1232}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{1232}\,\Phi_{616}\,\Phi_{308}\,\Phi_{176}\,\Phi_{154}\,\Phi_{88}\,\Phi_{77}\,\Phi_{56}\,\Phi_{44}\,\Phi_{28}\,\Phi_{22}\,\Phi_{14}\,\Phi_{11}\,\Phi_{8}\,\Phi_{7}\,\Phi_{1}$
68971	1173	1170	$\frac{1}{18}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{1170}\,\Phi_{585}\,\Phi_{390}\,\Phi_{234}\,\Phi_{195}\,\Phi_{117}\,\Phi_{90}^{2}\,\Phi_{78}\,\Phi_{65}\,\Phi_{45}^{2}\,\Phi_{39}\,\Phi_{30}^{2}\,\Phi_{18}\,\Phi_{15}^{2}\,\Phi_{13}\,\Phi_{10}\,\Phi_{9}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
68972	1173	544	$\frac{1}{34}$	$\frac{1}{16}$	$\frac{11}{34}$	$\frac{15}{32}$	$\Phi_{544}^{4}\,\Phi_{34}^{2}\,\Phi_{32}^{5}\,\Phi_{17}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
68973	1173	96	$\frac{1}{24}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{96}^{24}\,\Phi_{32}^{21}\,\Phi_{24}^{3}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
68974	1173	2720	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{16}{85}$	$\frac{15}{32}$	$\Phi_{2720}\,\Phi_{160}\,\Phi_{85}\,\Phi_{32}\,\Phi_{5}\,\Phi_{1}$
68975	1173	252	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{252}^{4}\,\Phi_{126}^{6}\,\Phi_{84}^{4}\,\Phi_{63}^{6}\,\Phi_{42}^{6}\,\Phi_{36}^{4}\,\Phi_{28}^{2}\,\Phi_{21}^{6}\,\Phi_{18}^{5}\,\Phi_{14}^{3}\,\Phi_{12}^{4}\,\Phi_{9}^{5}\,\Phi_{7}^{3}\,\Phi_{6}^{5}\,\Phi_{4}^{2}\,\Phi_{3}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
68976	1173	728	$\frac{1}{28}$	$\frac{27}{364}$	$\frac{1}{4}$	$\frac{337}{728}$	$\Phi_{728}^{3}\,\Phi_{104}^{3}\,\Phi_{56}^{3}\,\Phi_{28}^{3}\,\Phi_{14}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
68977	1173	1092	$\frac{1}{52}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1092}\,\Phi_{546}\,\Phi_{364}\,\Phi_{273}\,\Phi_{182}\,\Phi_{156}^{2}\,\Phi_{91}\,\Phi_{84}\,\Phi_{78}^{2}\,\Phi_{52}\,\Phi_{39}^{2}\,\Phi_{28}\,\Phi_{26}\,\Phi_{21}\,\Phi_{13}\,\Phi_{12}^{2}\,\Phi_{7}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
68978	1173	126	$\frac{1}{18}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{126}^{10}\,\Phi_{63}^{10}\,\Phi_{42}^{7}\,\Phi_{21}^{10}\,\Phi_{18}^{9}\,\Phi_{14}^{7}\,\Phi_{9}^{9}\,\Phi_{7}^{9}\,\Phi_{6}^{6}\,\Phi_{3}^{9}\,\Phi_{2}^{6}\,\Phi_{1}^{9}$
68979	1173	720	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{720}^{2}\,\Phi_{360}^{2}\,\Phi_{240}^{2}\,\Phi_{144}^{2}\,\Phi_{120}^{2}\,\Phi_{90}^{2}\,\Phi_{80}\,\Phi_{72}^{2}\,\Phi_{48}^{2}\,\Phi_{45}^{2}\,\Phi_{40}\,\Phi_{30}^{2}\,\Phi_{24}^{2}\,\Phi_{18}\,\Phi_{16}\,\Phi_{15}^{2}\,\Phi_{10}\,\Phi_{9}\,\Phi_{8}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
68980	1173	416	$\frac{1}{52}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{416}^{4}\,\Phi_{104}^{4}\,\Phi_{52}^{3}\,\Phi_{32}^{3}\,\Phi_{26}^{3}\,\Phi_{13}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
68981	1173	400	$\frac{9}{400}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{400}^{3}\,\Phi_{200}^{3}\,\Phi_{100}^{3}\,\Phi_{80}^{3}\,\Phi_{50}^{3}\,\Phi_{40}^{3}\,\Phi_{25}^{3}\,\Phi_{20}^{3}\,\Phi_{10}^{3}\,\Phi_{8}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
68982	1173	210	$\frac{1}{70}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{210}^{6}\,\Phi_{105}^{6}\,\Phi_{70}^{5}\,\Phi_{42}^{6}\,\Phi_{35}^{5}\,\Phi_{30}^{5}\,\Phi_{21}^{6}\,\Phi_{15}^{6}\,\Phi_{14}^{5}\,\Phi_{10}^{4}\,\Phi_{7}^{5}\,\Phi_{6}^{5}\,\Phi_{5}^{5}\,\Phi_{3}^{5}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
68983	1173	1372	$\frac{1}{49}$	$\frac{48}{343}$	$\frac{1}{4}$	$\frac{295}{686}$	$\Phi_{1372}\,\Phi_{343}\,\Phi_{196}^{2}\,\Phi_{98}\,\Phi_{49}\,\Phi_{28}^{2}\,\Phi_{14}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
68984	1173	520	$\frac{1}{52}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{520}^{4}\,\Phi_{104}^{4}\,\Phi_{52}^{3}\,\Phi_{40}^{3}\,\Phi_{26}^{3}\,\Phi_{13}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
68985	1173	360	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{360}^{6}\,\Phi_{120}^{6}\,\Phi_{90}^{2}\,\Phi_{72}^{6}\,\Phi_{45}^{2}\,\Phi_{40}^{3}\,\Phi_{30}^{2}\,\Phi_{24}^{6}\,\Phi_{18}\,\Phi_{15}^{2}\,\Phi_{10}\,\Phi_{9}\,\Phi_{8}^{3}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
68986	1173	672	$\frac{1}{56}$	$\frac{55}{336}$	$\frac{1}{4}$	$\frac{281}{672}$	$\Phi_{672}^{3}\,\Phi_{224}^{3}\,\Phi_{96}^{3}\,\Phi_{56}^{3}\,\Phi_{32}^{3}\,\Phi_{28}^{3}\,\Phi_{14}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
68987	1173	840	$\frac{1}{70}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{840}^{2}\,\Phi_{280}^{2}\,\Phi_{210}^{2}\,\Phi_{168}^{2}\,\Phi_{120}^{2}\,\Phi_{105}^{2}\,\Phi_{70}\,\Phi_{56}^{2}\,\Phi_{42}^{2}\,\Phi_{40}^{2}\,\Phi_{35}\,\Phi_{30}^{2}\,\Phi_{24}\,\Phi_{21}^{2}\,\Phi_{15}^{2}\,\Phi_{14}\,\Phi_{10}\,\Phi_{8}\,\Phi_{7}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
68988	1173	1960	$\frac{3}{196}$	$\frac{193}{980}$	$\frac{1}{4}$	$\frac{787}{1960}$	$\Phi_{1960}\,\Phi_{392}\,\Phi_{280}\,\Phi_{196}\,\Phi_{98}\,\Phi_{56}\,\Phi_{49}\,\Phi_{40}\,\Phi_{28}\,\Phi_{14}\,\Phi_{8}\,\Phi_{7}\,\Phi_{1}$
68989	1173	1008	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{1008}^{2}\,\Phi_{336}^{2}\,\Phi_{144}^{2}\,\Phi_{126}^{2}\,\Phi_{112}\,\Phi_{63}^{2}\,\Phi_{48}^{2}\,\Phi_{42}^{2}\,\Phi_{21}^{2}\,\Phi_{18}\,\Phi_{16}\,\Phi_{14}\,\Phi_{9}\,\Phi_{7}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
68990	1173	584	$\frac{5}{584}$	$\frac{1}{4}$	$\frac{193}{584}$	$\frac{3}{8}$	$\Phi_{584}^{2}\,\Phi_{292}^{2}\,\Phi_{146}^{2}\,\Phi_{73}^{2}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
68991	1173	1184	$\frac{11}{1184}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1184}\,\Phi_{592}\,\Phi_{296}\,\Phi_{148}\,\Phi_{74}\,\Phi_{37}\,\Phi_{32}\,\Phi_{8}\,\Phi_{1}$
68992	1173	168	$\frac{1}{24}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^{8}\,\Phi_{84}^{8}\,\Phi_{56}^{7}\,\Phi_{42}^{8}\,\Phi_{28}^{7}\,\Phi_{24}^{3}\,\Phi_{21}^{8}\,\Phi_{14}^{7}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{7}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
68993	1173	468	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{468}^{2}\,\Phi_{234}^{2}\,\Phi_{156}^{4}\,\Phi_{117}^{2}\,\Phi_{78}^{4}\,\Phi_{52}^{3}\,\Phi_{39}^{4}\,\Phi_{36}\,\Phi_{26}^{3}\,\Phi_{18}^{2}\,\Phi_{13}^{3}\,\Phi_{12}^{3}\,\Phi_{9}^{2}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
68994	1173	312	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{312}^{4}\,\Phi_{156}^{4}\,\Phi_{104}^{4}\,\Phi_{78}^{4}\,\Phi_{52}^{4}\,\Phi_{39}^{4}\,\Phi_{26}\,\Phi_{24}^{3}\,\Phi_{13}^{3}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
68995	1173	588	$\frac{1}{98}$	$\frac{1}{4}$	$\frac{97}{294}$	$\frac{197}{588}$	$\Phi_{588}\,\Phi_{294}^{2}\,\Phi_{196}^{3}\,\Phi_{147}^{2}\,\Phi_{98}^{3}\,\Phi_{84}\,\Phi_{49}^{3}\,\Phi_{42}^{2}\,\Phi_{28}^{3}\,\Phi_{21}^{2}\,\Phi_{14}^{3}\,\Phi_{12}\,\Phi_{7}^{3}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
68996	1173	423	$\frac{2}{47}$	$\frac{32}{423}$	$\frac{15}{47}$	$\frac{1}{3}$	$\Phi_{423}^{3}\,\Phi_{141}^{2}\,\Phi_{47}^{3}\,\Phi_{9}^{3}\,\Phi_{3}\,\Phi_{1}^{3}$
68997	1173	504	$\frac{1}{56}$	$\frac{113}{504}$	$\frac{1}{4}$	$\frac{55}{168}$	$\Phi_{504}^{3}\,\Phi_{252}^{3}\,\Phi_{126}^{3}\,\Phi_{72}^{3}\,\Phi_{63}^{3}\,\Phi_{56}^{3}\,\Phi_{36}^{3}\,\Phi_{28}^{3}\,\Phi_{18}^{3}\,\Phi_{14}^{3}\,\Phi_{9}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
68998	1173	408	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{11}{34}$	$\Phi_{408}^{4}\,\Phi_{204}^{4}\,\Phi_{102}^{4}\,\Phi_{51}^{4}\,\Phi_{34}^{2}\,\Phi_{24}^{5}\,\Phi_{17}^{2}\,\Phi_{12}^{5}\,\Phi_{6}^{5}\,\Phi_{3}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
68999	1173	340	$\frac{1}{34}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{11}{34}$	$\Phi_{340}^{4}\,\Phi_{170}^{4}\,\Phi_{85}^{4}\,\Phi_{34}^{2}\,\Phi_{20}^{5}\,\Phi_{17}^{2}\,\Phi_{10}^{5}\,\Phi_{5}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
69000	1173	576	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{185}{576}$	$\Phi_{576}^{3}\ \Phi_{288}^{3}\ \Phi_{144}^{3}\ \Phi_{72}^{3}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
69001	1173	825	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{8}{25}$	$\Phi_{825}^{2}\ \Phi_{165}^{2}\ \Phi_{75}^{2}\ \Phi_{33}^{3}\ \Phi_{25}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
69002	1173	420	$\frac{29}{420}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{3}\ \Phi_{105}^{3}\ \Phi_{84}\ \Phi_{70}^{3}\ \Phi_{60}^{3}\ \Phi_{42}^{2}\ \Phi_{35}^{3}\ \Phi_{30}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{2}$ $\Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{14}^{3}\ \Phi_{12}\ \Phi_{10}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
69003	1173	396	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{396}^{4}\ \Phi_{198}^{2}\ \Phi_{132}^{3}\ \Phi_{99}^{2}\ \Phi_{66}\ \Phi_{44}^{4}\ \Phi_{36}^{6}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{5}\ \Phi_{11}^{2}$ $\Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{5}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
69004	1173	165	$\frac{4}{55}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{165}^{10}\ \Phi_{55}\ \Phi_{33}^{11}\ \Phi_{15}^{10}\ \Phi_{11}\ \Phi_{3}^{11}\ \Phi_{1}$
69005	1173	660	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{10}{33}$	$\Phi_{660}^{3}\ \Phi_{330}^{2}\ \Phi_{165}^{2}\ \Phi_{132}^{3}\ \Phi_{66}^{2}\ \Phi_{60}^{3}\ \Phi_{33}^{3}\ \Phi_{30}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{2}$ $\Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{3}\ \Phi_{1}^{3}$
69006	1173	560	$\frac{3}{56}$	$\frac{53}{560}$	$\frac{1}{4}$	$\frac{169}{560}$	$\Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{140}^{2}\ \Phi_{112}^{2}\ \Phi_{80}^{2}\ \Phi_{70}^{2}\ \Phi_{56}^{3}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{3}\ \Phi_{20}^{2}\ \Phi_{16}^{2}$ $\Phi_{14}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
69007	1173	90	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{90}^{14}\ \Phi_{45}^{14}\ \Phi_{30}^{11}\ \Phi_{18}^{13}\ \Phi_{15}^{11}\ \Phi_{10}^{13}\ \Phi_{9}^{13}\ \Phi_{6}^{10}\ \Phi_{5}^{13}\ \Phi_{3}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
69008	1173	24	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{24}^{48}\ \Phi_{12}^{48}\ \Phi_{8}^{51}\ \Phi_{6}^{48}\ \Phi_{4}^{50}\ \Phi_{3}^{48}\ \Phi_{2}^{50}\ \Phi_{1}^{51}$
69009	1173	2040	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{16}{85}$	$\frac{7}{24}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{120}\ \Phi_{85}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}$ $\Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
69010	1173	252	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{252}^{6}\ \Phi_{126}^{4}\ \Phi_{84}^{6}\ \Phi_{63}^{4}\ \Phi_{42}^{4}\ \Phi_{36}^{6}\ \Phi_{28}^{3}\ \Phi_{21}^{4}\ \Phi_{18}^{3}\ \Phi_{14}\ \Phi_{12}^{6}\ \Phi_{9}^{3}$ $\Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
69011	1173	120	$\frac{1}{24}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^{12}\ \Phi_{30}^{12}\ \Phi_{24}^{3}\ \Phi_{20}^{9}\ \Phi_{15}^{12}\ \Phi_{12}^{3}\ \Phi_{10}^{9}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{9}\ \Phi_{4}^{2}$ $\Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
69012	1173	448	$\frac{3}{56}$	$\frac{57}{448}$	$\frac{53}{224}$	$\frac{1}{4}$	$\Phi_{448}^{3}\ \Phi_{224}^{2}\ \Phi_{112}^{2}\ \Phi_{64}^{3}\ \Phi_{56}^{3}\ \Phi_{32}^{2}\ \Phi_{28}^{3}\ \Phi_{16}^{2}\ \Phi_{14}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$ Φ_{1}^{3}
69013	1173	512	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{121}{512}$	$\frac{1}{4}$	$\Phi_{512}^{3}\ \Phi_{256}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
69014	1173	504	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{113}{504}$	$\frac{1}{4}$	$\Phi_{504}^{3}\ \Phi_{252}\ \Phi_{168}^{3}\ \Phi_{126}^{2}\ \Phi_{84}\ \Phi_{72}^{3}\ \Phi_{63}^{2}\ \Phi_{56}^{3}\ \Phi_{42}^{2}\ \Phi_{36}\ \Phi_{28}^{3}\ \Phi_{24}^{3}$ $\Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{3}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
69015	1173	416	$\frac{25}{416}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{416}^{3}\ \Phi_{208}^{3}\ \Phi_{104}^{3}\ \Phi_{52}^{3}\ \Phi_{26}^{3}\ \Phi_{13}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
69016	1173	192	$\frac{1}{24}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{192}^{8}\ \Phi_{96}^{8}\ \Phi_{64}^{7}\ \Phi_{32}^{7}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
69017	1173	1400	$\frac{3}{56}$	$\frac{227}{1400}$	$\frac{53}{280}$	$\frac{1}{4}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{200}\ \Phi_{175}\ \Phi_{100}\ \Phi_{56}\ \Phi_{50}\ \Phi_{28}\ \Phi_{25}\ \Phi_{14}$ $\Phi_{8}\ \Phi_{7}\ \Phi_{1}$
69018	1173	340	$\frac{1}{17}$	$\frac{3}{20}$	$\frac{16}{85}$	$\frac{1}{4}$	$\Phi_{340}^{3}\ \Phi_{170}^{3}\ \Phi_{85}^{4}\ \Phi_{68}^{4}\ \Phi_{34}^{4}\ \Phi_{20}^{4}\ \Phi_{17}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
69019	1173	480	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{480}$	$\frac{1}{4}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{3}\ \Phi_{120}^{3}\ \Phi_{80}^{3}\ \Phi_{60}^{3}\ \Phi_{40}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}$ $\Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
69020	1173	420	$\frac{29}{420}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{2}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{70}^{2}\ \Phi_{60}^{3}\ \Phi_{42}^{3}\ \Phi_{35}^{3}\ \Phi_{30}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{3}$ $\Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
69021	1173	924	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{462}$	$\frac{1}{4}$	$\Phi_{924}^{2}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{132}^{2}\ \Phi_{84}^{2}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}^{2}$ $\Phi_{21}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
69022	1173	432	$\frac{41}{432}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{4}$	$\Phi_{432}^{3}\ \Phi_{216}^{3}\ \Phi_{144}^{3}\ \Phi_{108}^{3}\ \Phi_{72}^{3}\ \Phi_{54}^{3}\ \Phi_{36}^{3}\ \Phi_{27}^{3}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}$ $\Phi_{2}^{2}\ \Phi_{1}^{3}$
69023	1173	448	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{448}$	$\frac{1}{4}$	$\Phi_{448}^{3}\ \Phi_{224}^{3}\ \Phi_{112}^{3}\ \Phi_{56}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
69024	1174	1170	$\frac{2}{585}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{583}{1170}$	$\Phi_{1170}^{2}\ \Phi_{390}^{2}\ \Phi_{234}^{2}\ \Phi_{130}^{2}\ \Phi_{90}^{2}\ \Phi_{78}^{2}\ \Phi_{30}^{2}\ \Phi_{26}^{2}\ \Phi_{18}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{3}$ $\Phi_{2}^{2}\ \Phi_{1}^{2}$
69025	1174	2352	$\frac{1}{196}$	$\frac{197}{784}$	$\frac{1}{3}$	$\frac{195}{392}$	$\Phi_{2352}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{147}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
69026	1174	3504	$\frac{3}{584}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{581}{1168}$	$\Phi_{3504}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
69027	1174	1164	$\frac{5}{582}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{577}{1164}$	$\Phi_{1164}^{2}\ \Phi_{388}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
69028	1174	3486	$\frac{6}{581}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{575}{1162}$	$\Phi_{3486}\ \Phi_{498}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
69029	1174	672	$\frac{1}{84}$	$\frac{85}{672}$	$\frac{1}{3}$	$\frac{83}{168}$	$\Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{224}^{2}\ \Phi_{112}^{2}\ \Phi_{96}^{2}\ \Phi_{84}^{2}\ \Phi_{48}^{2}\ \Phi_{42}^{2}\ \Phi_{32}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{16}^{2}$ $\Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
69030	1174	1104	$\frac{1}{69}$	$\frac{35}{552}$	$\frac{517}{1104}$	$\frac{34}{69}$	$\Phi_{1104}^{2}\ \Phi_{368}^{2}\ \Phi_{69}\ \Phi_{48}^{2}\ \Phi_{23}\ \Phi_{16}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
69031	1174	828	$\frac{1}{69}$	$\frac{35}{276}$	$\frac{241}{828}$	$\frac{34}{69}$	$\Phi_{828}^{2}\ \Phi_{414}^{2}\ \Phi_{207}^{2}\ \Phi_{69}\ \Phi_{36}^{2}\ \Phi_{23}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
69032	1174	690	$\frac{1}{69}$	$\frac{103}{690}$	$\frac{35}{138}$	$\frac{34}{69}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{69}\ \Phi_{30}^2\ \Phi_{23}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
69033	1174	1156	$\frac{9}{578}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{569}{1156}$	$\Phi_{1156}^2\ \Phi_{68}^2\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
69034	1174	1155	$\frac{19}{1155}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{568}{1155}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{11}\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
69035	1174	1152	$\frac{11}{576}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{565}{1152}$	$\Phi_{1152}^2\ \Phi_{384}^2\ \Phi_{128}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69036	1174	1122	$\frac{1}{51}$	$\frac{26}{561}$	$\frac{535}{1122}$	$\frac{25}{51}$	$\Phi_{1122}^2\ \Phi_{374}^2\ \Phi_{102}^2\ \Phi_{66}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{22}^2\ \Phi_{17}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69037	1174	1150	$\frac{12}{575}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{563}{1150}$	$\Phi_{1150}^2\ \Phi_{230}^2\ \Phi_{50}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{10}^2\ \Phi_2^2\ \Phi_1^2$
69038	1174	3444	$\frac{13}{574}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{561}{1148}$	$\Phi_{3444}\ \Phi_{492}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
69039	1174	1134	$\frac{20}{567}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{547}{1134}$	$\Phi_{1134}^2\ \Phi_{378}^2\ \Phi_{162}^2\ \Phi_{126}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69040	1174	1848	$\frac{1}{28}$	$\frac{29}{616}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
69041	1174	690	$\frac{1}{23}$	$\frac{12}{115}$	$\frac{103}{690}$	$\frac{11}{23}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{30}^2\ \Phi_{23}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
69042	1174	3360	$\frac{1}{28}$	$\frac{27}{560}$	$\frac{1}{3}$	$\frac{533}{1120}$	$\Phi_{3360}\ \Phi_{672}\ \Phi_{480}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
69043	1174	867	$\frac{9}{289}$	$\frac{1}{17}$	$\frac{280}{867}$	$\frac{8}{17}$	$\Phi_{867}^2\ \Phi_{51}^2\ \Phi_{17}\ \Phi_3^2\ \Phi_1^2$
69044	1174	612	$\frac{25}{612}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
69045	1174	1105	$\frac{1}{17}$	$\frac{69}{1105}$	$\frac{16}{85}$	$\frac{518}{1105}$	$\Phi_{1105}\ \Phi_{221}\ \Phi_{85}^2\ \Phi_{65}\ \Phi_{17}\ \Phi_{13}\ \Phi_5^2\ \Phi_1^2$
69046	1174	1104	$\frac{1}{23}$	$\frac{35}{552}$	$\frac{11}{46}$	$\frac{517}{1104}$	$\Phi_{1104}^2\ \Phi_{368}^2\ \Phi_{48}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_2^2\ \Phi_1^2$
69047	1174	714	$\frac{1}{17}$	$\frac{8}{119}$	$\frac{127}{714}$	$\frac{111}{238}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{119}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{17}\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
69048	1174	1092	$\frac{1}{42}$	$\frac{41}{546}$	$\frac{1}{3}$	$\frac{505}{1092}$	$\Phi_{1092}^2\ \Phi_{364}^2\ \Phi_{156}^2\ \Phi_{84}^2\ \Phi_{52}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69049	1174	600	$\frac{13}{600}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69050	1174	3234	$\frac{1}{49}$	$\frac{48}{539}$	$\frac{1}{3}$	$\frac{491}{1078}$	$\Phi_{3234}\ \Phi_{462}\ \Phi_{294}\ \Phi_{147}\ \Phi_{66}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
69051	1174	680	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{93}{680}$	$\frac{77}{170}$	$\Phi_{680}^2\ \Phi_{340}^2\ \Phi_{136}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
69052	1174	1071	$\frac{1}{51}$	$\frac{103}{1071}$	$\frac{50}{153}$	$\frac{484}{1071}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}^2\ \Phi_{119}\ \Phi_{63}\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
69053	1174	1071	$\frac{1}{17}$	$\frac{103}{1071}$	$\frac{16}{119}$	$\frac{484}{1071}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}\ \Phi_{119}^2\ \Phi_{63}\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
69054	1174	816	$\frac{1}{51}$	$\frac{25}{204}$	$\frac{229}{816}$	$\frac{179}{408}$	$\Phi_{816}^2\ \Phi_{272}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{48}^2\ \Phi_{34}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69055	1174	1035	$\frac{1}{69}$	$\frac{139}{1035}$	$\frac{68}{207}$	$\frac{448}{1035}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}^2\ \Phi_{115}\ \Phi_{69}\ \Phi_{45}\ \Phi_{23}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
69056	1174	1029	$\frac{2}{147}$	$\frac{145}{1029}$	$\frac{1}{3}$	$\frac{442}{1029}$	$\Phi_{1029}\ \Phi_{343}\ \Phi_{147}^2\ \Phi_{49}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
69057	1174	1020	$\frac{1}{51}$	$\frac{77}{510}$	$\frac{25}{102}$	$\frac{433}{1020}$	$\Phi_{1020}^2\ \Phi_{340}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69058	1174	1020	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{77}{510}$	$\frac{433}{1020}$	$\Phi_{1020}^2\ \Phi_{340}^2\ \Phi_{204}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
69059	1174	828	$\frac{1}{69}$	$\frac{34}{207}$	$\frac{241}{828}$	$\frac{173}{414}$	$\Phi_{828}^2\ \Phi_{276}^2\ \Phi_{207}^2\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{36}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
69060	1174	1008	$\frac{1}{84}$	$\frac{83}{504}$	$\frac{1}{3}$	$\frac{421}{1008}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69061	1174	2940	$\frac{1}{98}$	$\frac{97}{490}$	$\frac{1}{3}$	$\frac{393}{980}$	$\Phi_{2940}\ \Phi_{588}\ \Phi_{420}\ \Phi_{294}\ \Phi_{147}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
69062	1174	952	$\frac{1}{17}$	$\frac{8}{119}$	$\frac{111}{476}$	$\frac{365}{952}$	$\Phi_{952}^2\ \Phi_{136}^2\ \Phi_{119}^2\ \Phi_{56}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_7^2\ \Phi_1^2$
69063	1174	644	$\frac{1}{23}$	$\frac{57}{644}$	$\frac{11}{46}$	$\frac{35}{92}$	$\Phi_{644}^2\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{46}^2\ \Phi_{28}^2\ \Phi_{23}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_2^2\ \Phi_1^2$
69064	1174	1776	$\frac{5}{592}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{444}\ \Phi_{222}\ \Phi_{111}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
69065	1174	918	$\frac{1}{51}$	$\frac{25}{153}$	$\frac{128}{459}$	$\frac{331}{918}$	$\Phi_{918}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{54}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
69066	1174	897	$\frac{1}{23}$	$\frac{22}{299}$	$\frac{277}{897}$	$\frac{310}{897}$	$\Phi_{897}\ \Phi_{299}^2\ \Phi_{69}\ \Phi_{39}\ \Phi_{23}\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
69067	1174	882	$\frac{1}{147}$	$\frac{146}{441}$	$\frac{1}{3}$	$\frac{295}{882}$	$\Phi_{882}^2\ \Phi_{294}^2\ \Phi_{147}^2\ \Phi_{126}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69068	1174	780	$\frac{2}{195}$	$\frac{193}{780}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69069	1174	594	$\frac{7}{594}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69070	1174	702	$\frac{2}{117}$	$\frac{115}{702}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{234}^2\ \Phi_{78}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69071	1174	600	$\frac{13}{600}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69072	1174	630	$\frac{2}{45}$	$\frac{43}{630}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69073	1174	624	$\frac{2}{39}$	$\frac{37}{624}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{48}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69074	1174	876	$\frac{3}{292}$	$\frac{1}{4}$	$\frac{289}{876}$	$\frac{1}{3}$	$\Phi_{876}\ \Phi_{438}\ \Phi_{292}^2\ \Phi_{219}\ \Phi_{146}^2\ \Phi_{73}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69075	1174	756	$\frac{1}{84}$	$\frac{169}{756}$	$\frac{83}{252}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69076	1174	864	$\frac{11}{288}$	$\frac{1}{12}$	$\frac{277}{864}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69077	1174	630	$\frac{1}{21}$	$\frac{43}{630}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69078	1174	612	$\frac{25}{612}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69079	1174	840	$\frac{1}{28}$	$\frac{27}{280}$	$\frac{253}{840}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69080	1174	672	$\frac{1}{28}$	$\frac{85}{672}$	$\frac{27}{112}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}\ \Phi_{224}^2\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69081	1174	768	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{181}{768}$	$\frac{1}{3}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}^2\ \Phi_{128}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69082	1174	624	$\frac{37}{624}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69083	1174	756	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{169}{756}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69084	1174	2100	$\frac{1}{28}$	$\frac{113}{700}$	$\frac{27}{140}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{300}\ \Phi_{150}\ \Phi_{84}\ \Phi_{75}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
69085	1174	720	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{133}{720}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69086	1174	630	$\frac{43}{630}$	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69087	1174	693	$\frac{19}{231}$	$\frac{2}{21}$	$\frac{106}{693}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{231}\ \Phi_{99}^2\ \Phi_{77}\ \Phi_{63}^2\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
69088	1174	648	$\frac{1}{12}$	$\frac{61}{648}$	$\frac{11}{72}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69089	1174	672	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{85}{672}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69090	1174	765	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{178}{765}$	$\frac{77}{255}$	$\Phi_{765}^2\ \Phi_{153}^2\ \Phi_{85}^2\ \Phi_{45}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_5^2\ \Phi_1^2$
69091	1174	828	$\frac{1}{23}$	$\frac{35}{276}$	$\frac{11}{46}$	$\frac{241}{828}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{207}^2\ \Phi_{46}^2\ \Phi_{36}^2\ \Phi_{23}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
69092	1174	714	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{127}{714}$	$\frac{103}{357}$	$\Phi_{714}^2\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{42}^2\ \Phi_{34}^2\ \Phi_{21}\ \Phi_{17}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69093	1174	690	$\frac{1}{23}$	$\frac{103}{690}$	$\frac{11}{46}$	$\frac{35}{138}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{46}^2\ \Phi_{30}^2\ \Phi_{23}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
69094	1174	736	$\frac{1}{23}$	$\frac{35}{184}$	$\frac{149}{736}$	$\frac{11}{46}$	$\Phi_{736}^2\ \Phi_{368}^2\ \Phi_{46}^2\ \Phi_{32}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_2^2\ \Phi_1^2$
69095	1175	936	$\frac{1}{234}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{233}{468}$	$\Phi_{936}^2\ \Phi_{468}\ \Phi_{312}^2\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{72}^2\ \Phi_{52}\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
69096	1175	1392	$\frac{3}{232}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{229}{464}$	$\Phi_{1392}^2\ \Phi_{464}\ \Phi_{48}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
69097	1175	1104	$\frac{1}{46}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{45}{92}$	$\Phi_{1104}^2\ \Phi_{368}^2\ \Phi_{92}\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
69098	1175	2484	$\frac{1}{46}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{108}\ \Phi_{92}\ \Phi_{36}\ \Phi_{27}\ \Phi_9\ \Phi_4\ \Phi_1$
69099	1175	828	$\frac{1}{46}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{45}{92}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{207}^2\ \Phi_{92}\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_4\ \Phi_1$
69100	1175	644	$\frac{1}{46}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{45}{92}$	$\Phi_{644}^2\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{92}\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4\ \Phi_1$
69101	1175	736	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{45}{92}$	$\Phi_{736}^2\ \Phi_{368}^2\ \Phi_{92}\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
69102	1175	276	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{45}{92}$	$\Phi_{276}^8\ \Phi_{92}^9\ \Phi_{12}^8\ \Phi_6^4\ \Phi_4^9\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
69103	1175	1104	$\frac{1}{24}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{23}{48}$	$\Phi_{1104}^2\ \Phi_{368}^2\ \Phi_{69}\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_3\ \Phi_1$
69104	1175	1170	$\frac{1}{26}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{130}\ \Phi_{117}\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
69105	1175	832	$\frac{1}{26}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{832}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{64}\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_4\ \Phi_1$
69106	1175	1144	$\frac{1}{26}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{1144}^2\ \Phi_{104}^2\ \Phi_{88}\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_4\ \Phi_1$
69107	1175	1092	$\frac{1}{26}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{1092}^2\ \Phi_{364}^2\ \Phi_{156}^2\ \Phi_{84}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{28}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
69108	1175	1040	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{1040}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{80}\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_4\ \Phi_1$
69109	1175	1896	$\frac{2}{237}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1896}\ \Phi_{632}\ \Phi_{237}\ \Phi_{79}\ \Phi_8\ \Phi_1$
69110	1175	2808	$\frac{1}{117}$	$\frac{1}{4}$	$\frac{116}{351}$	$\frac{3}{8}$	$\Phi_{2808}\ \Phi_{351}\ \Phi_{216}\ \Phi_{27}\ \Phi_8\ \Phi_1$
69111	1175	312	$\frac{1}{78}$	$\frac{77}{312}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^3\ \Phi_{156}^5\ \Phi_{104}^3\ \Phi_{78}^4\ \Phi_{52}^5\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{24}^3\ \Phi_{13}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
69112	1175	936	$\frac{2}{117}$	$\frac{23}{117}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{936}^2\ \Phi_{312}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{72}^2\ \Phi_{39}^2\ \Phi_{24}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_8^3\ \Phi_3^2\ \Phi_1^3$
69113	1175	48	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{48}^{25}\ \Phi_{24}^{23}\ \Phi_{16}^{25}\ \Phi_{12}^{25}\ \Phi_8^{24}\ \Phi_6^{24}\ \Phi_4^{25}\ \Phi_3^{24}\ \Phi_2^{24}\ \Phi_1^{25}$
69114	1175	2184	$\frac{1}{39}$	$\frac{38}{273}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{273}\ \Phi_{168}\ \Phi_{91}\ \Phi_{56}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$
69115	1175	1944	$\frac{8}{243}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{243}\ \Phi_{216}\ \Phi_{81}\ \Phi_{27}\ \Phi_8\ \Phi_1$
69116	1175	104	$\frac{1}{26}$	$\frac{5}{52}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{104}^{18}\ \Phi_{52}^5\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_8^{19}\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
69117	1175	1976	$\frac{12}{247}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1976}\ \Phi_{247}\ \Phi_{152}\ \Phi_{19}\ \Phi_8\ \Phi_1$
69118	1175	504	$\frac{1}{18}$	$\frac{17}{252}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^4\ \Phi_{252}\ \Phi_{168}^4\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{56}^4\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
69119	1175	936	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{936}^2\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
69120	1175	354	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{58}{177}$	$\frac{119}{354}$	$\Phi_{354}^3\ \Phi_{177}^4\ \Phi_{118}^3\ \Phi_{59}^3\ \Phi_6^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
69121	1175	621	$\frac{1}{23}$	$\frac{2}{27}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{621}^2\ \Phi_{207}^2\ \Phi_{69}\ \Phi_{27}^3\ \Phi_9^3\ \Phi_3\ \Phi_1$
69122	1175	321	$\frac{2}{107}$	$\frac{21}{107}$	$\frac{86}{321}$	$\frac{1}{3}$	$\Phi_{321}^3\ \Phi_{107}^5\ \Phi_3^2\ \Phi_1^5$
69123	1175	702	$\frac{1}{26}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}^2\ \Phi_{54}\ \Phi_{39}^2\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
69124	1175	780	$\frac{1}{26}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{130}\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
69125	1175	348	$\frac{3}{116}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{113}{348}$	$\Phi_{348}^3\ \Phi_{174}^3\ \Phi_{116}^4\ \Phi_{87}^3\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
69126	1175	828	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{22}{69}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{207}^2\ \Phi_{69}\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_3\ \Phi_1$
69127	1175	1932	$\frac{1}{23}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{22}{69}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{483}\ \Phi_{84}\ \Phi_{69}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_3\ \Phi_1$
69128	1175	2208	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{22}{69}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{96}\ \Phi_{69}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_3\ \Phi_1$
69129	1175	138	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{22}{69}$	$\Phi_{138}^8\ \Phi_{69}^9\ \Phi_{46}^8\ \Phi_{23}^8\ \Phi_6^{12}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
69130	1176	879	$\frac{1}{293}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{146}{293}$	$\Phi_{879}\ \Phi_{293}^2\ \Phi_3^2\ \Phi_1^4$
69131	1176	235	$\frac{1}{235}$	$\frac{59}{235}$	$\frac{88}{235}$	$\frac{117}{235}$	$\Phi_{235}^5\ \Phi_{47}^5\ \Phi_5^5\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
69132	1176	1767	$\frac{3}{589}$	$\frac{148}{589}$	$\frac{1}{3}$	$\frac{293}{589}$	$\Phi_{1767}\ \Phi_{93}\ \Phi_{57}$
69133	1176	195	$\frac{1}{195}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{97}{195}$	$\Phi_{195}^6\ \Phi_{65}^6\ \Phi_{39}^6\ \Phi_{15}^6\ \Phi_{13}^6\ \Phi_5^7\ \Phi_3^6\ \Phi_1^8$
69134	1176	780	$\frac{1}{195}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{97}{195}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
69135	1176	1175	$\frac{7}{1175}$	$\frac{197}{1175}$	$\frac{489}{1175}$	$\frac{584}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
69136	1176	2004	$\frac{1}{167}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{83}{167}$	$\Phi_{2004}\ \Phi_{668}\ \Phi_{167}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
69137	1176	1503	$\frac{1}{167}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{83}{167}$	$\Phi_{1503}\ \Phi_{167}\ \Phi_9^2\ \Phi_1^2$
69138	1176	2044	$\frac{1}{146}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{145}{292}$	$\Phi_{2044}\ \Phi_{292}^2\ \Phi_{28}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
69139	1176	4380	$\frac{1}{146}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{145}{292}$	$\Phi_{4380}\ \Phi_{60}\ \Phi_{15}$
69140	1176	524	$\frac{1}{131}$	$\frac{1}{4}$	$\frac{33}{131}$	$\frac{65}{131}$	$\Phi_{524}^3\ \Phi_{262}^3\ \Phi_4^2\ \Phi_2^2$
69141	1176	1175	$\frac{9}{1175}$	$\frac{293}{1175}$	$\frac{296}{1175}$	$\frac{583}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
69142	1176	1767	$\frac{5}{589}$	$\frac{99}{589}$	$\frac{1}{3}$	$\frac{292}{589}$	$\Phi_{1767}\ \Phi_{93}\ \Phi_{57}$
69143	1176	1067	$\frac{1}{97}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{48}{97}$	$\Phi_{1067}\ \Phi_{97}^2\ \Phi_{11}^2\ \Phi_1^4$
69144	1176	2037	$\frac{1}{97}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{48}{97}$	$\Phi_{2037}\ \Phi_{21}^2$
69145	1176	1067	$\frac{1}{97}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{48}{97}$	$\Phi_{1067}\ \Phi_{97}^2\ \Phi_{11}^2\ \Phi_1^4$
69146	1176	1940	$\frac{1}{97}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{48}{97}$	$\Phi_{1940}\ \Phi_{970}\ \Phi_{20}^2\ \Phi_{10}^2$
69147	1176	1175	$\frac{13}{1175}$	$\frac{99}{1175}$	$\frac{538}{1175}$	$\frac{581}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
69148	1176	1079	$\frac{1}{83}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{41}{83}$	$\Phi_{1079}\ \Phi_{83}^2\ \Phi_{13}^2\ \Phi_1^4$
69149	1176	1992	$\frac{1}{83}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{41}{83}$	$\Phi_{1992}\ \Phi_{996}\ \Phi_{498}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
69150	1176	235	$\frac{3}{235}$	$\frac{17}{235}$	$\frac{109}{235}$	$\frac{116}{235}$	$\Phi_{235}^5\ \Phi_{47}^5\ \Phi_5^5\ \Phi_1^6$
69151	1176	290	$\frac{2}{145}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{143}{290}$	$\Phi_{290}^8\ \Phi_{58}^8\ \Phi_{10}^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
69152	1176	1175	$\frac{17}{1175}$	$\frac{149}{1175}$	$\frac{342}{1175}$	$\frac{579}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
69153	1176	1379	$\frac{3}{197}$	$\frac{1}{7}$	$\frac{50}{197}$	$\frac{97}{197}$	Φ_{1379}
69154	1176	1175	$\frac{19}{1175}$	$\frac{199}{1175}$	$\frac{244}{1175}$	$\frac{578}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
69155	1176	295	$\frac{1}{59}$	$\frac{10}{59}$	$\frac{1}{5}$	$\frac{29}{59}$	$\Phi_{295}^5\ \Phi_5^4$
69156	1176	1352	$\frac{3}{169}$	$\frac{1}{8}$	$\frac{43}{169}$	$\frac{83}{169}$	$\Phi_{1352}\ \Phi_{676}\ \Phi_{338}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
69157	1176	1572	$\frac{7}{393}$	$\frac{50}{393}$	$\frac{1}{4}$	$\frac{193}{393}$	$\Phi_{1572}\ \Phi_{786}\ \Phi_{524}\ \Phi_{262}\ \Phi_{12}\ \Phi_6$
69158	1176	1175	$\frac{21}{1175}$	$\frac{146}{1175}$	$\frac{299}{1175}$	$\frac{577}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
69159	1176	440	$\frac{1}{55}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{27}{55}$	$\Phi_{440}^5\ \Phi_{88}^5\ \Phi_{55}\ \Phi_{40}^6\ \Phi_{11}\ \Phi_8^6\ \Phi_5\ \Phi_1^2$
69160	1176	110	$\frac{1}{55}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{27}{55}$	$\Phi_{110}^{10}\ \Phi_{55}^{11}\ \Phi_{22}^{10}\ \Phi_{11}^{11}\ \Phi_{10}^{12}\ \Phi_5^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
69161	1176	440	$\frac{1}{55}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{27}{55}$	$\Phi_{440}^3\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{88}^3\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{40}^3\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_8^6\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
69162	1176	275	$\frac{1}{55}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{27}{55}$	$\Phi_{275}^5\ \Phi_{55}\ \Phi_{25}^6\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
69163	1176	1767	$\frac{11}{589}$	$\frac{50}{589}$	$\frac{1}{3}$	$\frac{289}{589}$	$\Phi_{1767}\ \Phi_{93}\ \Phi_{57}$
69164	1176	2208	$\frac{1}{48}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{47}{96}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{23}\ \Phi_1^2$
69165	1176	1248	$\frac{1}{48}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{1248}^2\ \Phi_{416}^2\ \Phi_{39}$
69166	1176	2208	$\frac{1}{48}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{47}{96}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{23}\ \Phi_1^2$
69167	1176	288	$\frac{1}{48}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{47}{96}$	$\Phi_{288}^9\ \Phi_{96}^6\ \Phi_{36}\ \Phi_{32}^6\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
69168	1176	2208	$\frac{1}{48}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{47}{96}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{23}\ \Phi_1^2$
69169	1176	3360	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{47}{96}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{35}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
69170	1176	94	$\frac{1}{47}$	$\frac{2}{47}$	$\frac{45}{94}$	$\frac{23}{47}$	$\Phi_{94}^{24}\ \Phi_{47}\ \Phi_{2}^{24}\ \Phi_{1}^{2}$
69171	1176	141	$\frac{1}{47}$	$\frac{4}{47}$	$\frac{43}{141}$	$\frac{23}{47}$	$\Phi_{141}^{12}\ \Phi_{47}\ \Phi_{3}^{12}\ \Phi_{1}^{2}$
69172	1176	47	$\frac{1}{47}$	$\frac{5}{47}$	$\frac{12}{47}$	$\frac{23}{47}$	$\Phi_{47}^{25}\ \Phi_{1}^{26}$
69173	1176	188	$\frac{1}{47}$	$\frac{6}{47}$	$\frac{41}{188}$	$\frac{23}{47}$	$\Phi_{188}^{8}\ \Phi_{94}^{8}\ \Phi_{47}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
69174	1176	235	$\frac{1}{47}$	$\frac{39}{235}$	$\frac{8}{47}$	$\frac{23}{47}$	$\Phi_{235}^{6}\ \Phi_{47}\ \Phi_{5}^{6}\ \Phi_{1}^{2}$
69175	1176	1767	$\frac{13}{589}$	$\frac{43}{589}$	$\frac{1}{3}$	$\frac{288}{589}$	$\Phi_{1767}\ \Phi_{93}\ \Phi_{57}$
69176	1176	575	$\frac{13}{575}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{281}{575}$	$\Phi_{575}^{2}\ \Phi_{115}^{2}\ \Phi_{25}^{3}\ \Phi_{23}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
69177	1176	1107	$\frac{1}{41}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{20}{41}$	$\Phi_{1107}\ \Phi_{369}\ \Phi_{123}\ \Phi_{41}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
69178	1176	615	$\frac{1}{41}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{615}^{2}\ \Phi_{205}^{2}\ \Phi_{123}\ \Phi_{41}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
69179	1176	369	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{20}{41}$	$\Phi_{369}^{3}\ \Phi_{123}^{3}\ \Phi_{41}^{4}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
69180	1176	1640	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{20}{41}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{410}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
69181	1176	1175	$\frac{29}{1175}$	$\frac{43}{1175}$	$\frac{566}{1175}$	$\frac{573}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
69182	1176	1175	$\frac{29}{1175}$	$\frac{86}{1175}$	$\frac{363}{1175}$	$\frac{573}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
69183	1176	1352	$\frac{5}{169}$	$\frac{1}{8}$	$\frac{29}{169}$	$\frac{82}{169}$	$\Phi_{1352}\ \Phi_{676}\ \Phi_{338}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
69184	1176	858	$\frac{1}{33}$	$\frac{1}{13}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{858}^{2}\ \Phi_{429}\ \Phi_{286}^{2}\ \Phi_{143}\ \Phi_{78}^{2}\ \Phi_{39}\ \Phi_{26}^{2}$
69185	1176	1175	$\frac{37}{1175}$	$\frac{139}{1175}$	$\frac{202}{1175}$	$\frac{569}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
69186	1176	285	$\frac{3}{95}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{46}{95}$	$\Phi_{285}^{6}\ \Phi_{57}^{7}\ \Phi_{15}^{6}\ \Phi_{3}^{6}$
69187	1176	465	$\frac{1}{31}$	$\frac{8}{155}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{465}^{4}\ \Phi_{93}^{3}\ \Phi_{15}^{4}\ \Phi_{3}^{2}$
69188	1176	1572	$\frac{13}{393}$	$\frac{29}{393}$	$\frac{1}{4}$	$\frac{190}{393}$	$\Phi_{1572}\ \Phi_{786}\ \Phi_{524}\ \Phi_{262}\ \Phi_{12}\ \Phi_{6}$
69189	1176	255	$\frac{3}{85}$	$\frac{1}{15}$	$\frac{22}{85}$	$\frac{41}{85}$	$\Phi_{255}^{5}\ \Phi_{85}^{4}\ \Phi_{51}^{5}\ \Phi_{17}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
69190	1176	1175	$\frac{43}{1175}$	$\frac{87}{1175}$	$\frac{272}{1175}$	$\frac{566}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
69191	1176	594	$\frac{1}{27}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{594}^{2}\ \Phi_{297}^{2}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{66}^{3}\ \Phi_{54}^{2}\ \Phi_{33}^{3}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
69192	1176	1107	$\frac{1}{27}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{13}{27}$	$\Phi_{1107}\ \Phi_{369}\ \Phi_{123}\ \Phi_{41}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
69193	1176	540	$\frac{1}{27}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{540}^{3}\ \Phi_{270}^{3}\ \Phi_{180}^{3}\ \Phi_{108}^{2}\ \Phi_{90}^{3}\ \Phi_{60}^{4}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
69194	1176	1107	$\frac{1}{27}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{13}{27}$	$\Phi_{1107}\ \Phi_{369}\ \Phi_{123}\ \Phi_{41}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
69195	1176	1512	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{13}{27}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
69196	1176	1352	$\frac{7}{169}$	$\frac{1}{8}$	$\frac{22}{169}$	$\frac{81}{169}$	$\Phi_{1352}\ \Phi_{676}\ \Phi_{338}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
69197	1176	1175	$\frac{49}{1175}$	$\frac{146}{1175}$	$\frac{153}{1175}$	$\frac{563}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
69198	1176	94	$\frac{2}{47}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{45}{94}$	$\Phi_{94}^{24}\ \Phi_{47}\ \Phi_{2}^{24}\ \Phi_{1}^{2}$
69199	1176	94	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{45}{94}$	$\Phi_{94}^{24}\ \Phi_{47}\ \Phi_{2}^{24}\ \Phi_{1}^{2}$
69200	1176	1173	$\frac{2}{51}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{1173}\ \Phi_{391}\ \Phi_{51}^{2}\ \Phi_{23}\ \Phi_{17}^{2}\ \Phi_{1}^{2}$
69201	1176	1656	$\frac{1}{24}$	$\frac{1}{23}$	$\frac{23}{72}$	$\frac{11}{23}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{414}\ \Phi_{207}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{23}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
69202	1176	1196	$\frac{1}{23}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{1196}\ \Phi_{598}\ \Phi_{299}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{23}\ \Phi_{13}^{2}\ \Phi_{1}^{2}$
69203	1176	1472	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{11}{23}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{23}\ \Phi_{1}^{2}$
69204	1176	1380	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{11}{23}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{230}\ \Phi_{115}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{23}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
69205	1176	1242	$\frac{1}{23}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{11}{23}$	$\Phi_{1242}\ \Phi_{621}\ \Phi_{414}\ \Phi_{207}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{23}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
69206	1176	184	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{11}{23}$	$\Phi_{184}^{6}\ \Phi_{92}^{6}\ \Phi_{46}^{6}\ \Phi_{23}^{7}\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
69207	1176	295	$\frac{13}{295}$	$\frac{22}{295}$	$\frac{1}{5}$	$\frac{141}{295}$	$\Phi_{295}^{4}\ \Phi_{59}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
69208	1176	1175	$\frac{53}{1175}$	$\frac{62}{1175}$	$\frac{307}{1175}$	$\frac{561}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
69209	1176	375	$\frac{1}{25}$	$\frac{17}{375}$	$\frac{8}{25}$	$\frac{179}{375}$	$\Phi_{375}^{3}\ \Phi_{125}^{3}\ \Phi_{75}^{3}\ \Phi_{25}^{5}\ \Phi_{15}^{3}\ \Phi_{5}^{5}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
69210	1176	1767	$\frac{22}{589}$	$\frac{27}{589}$	$\frac{1}{3}$	$\frac{281}{589}$	$\Phi_{1767}\ \Phi_{93}\ \Phi_{57}$
69211	1176	1175	$\frac{44}{1175}$	$\frac{57}{1175}$	$\frac{377}{1175}$	$\frac{559}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
69212	1176	3480	$\frac{1}{29}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{3480}\ \Phi_{696}\ \Phi_{87}$
69213	1176	440	$\frac{1}{20}$	$\frac{3}{55}$	$\frac{13}{55}$	$\frac{19}{40}$	$\Phi_{440}^{5}\ \Phi_{88}^{5}\ \Phi_{55}\ \Phi_{40}^{6}\ \Phi_{11}\ \Phi_{8}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
69214	1176	120	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{120}^{20}\ \Phi_{40}^{16}\ \Phi_{24}^{20}\ \Phi_{15}^{4}\ \Phi_{8}^{16}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
69215	1176	1320	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{19}{40}$	$\Phi_{1320}^{2}\ \Phi_{440}\ \Phi_{264}^{2}\ \Phi_{120}^{2}\ \Phi_{88}\ \Phi_{40}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
69216	1176	440	$\frac{1}{20}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{19}{40}$	$\Phi_{440}^{5}\ \Phi_{88}^{5}\ \Phi_{55}\ \Phi_{40}^{6}\ \Phi_{11}\ \Phi_{8}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
69217	1176	360	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{19}{40}$	$\Phi_{360}^{3}\ \Phi_{180}^{4}\ \Phi_{120}^{3}\ \Phi_{90}^{4}\ \Phi_{72}^{4}\ \Phi_{60}^{4}\ \Phi_{45}^{4}\ \Phi_{36}^{5}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{18}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{9}^{4}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
69218	1176	456	$\frac{5}{152}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{456}^{4}\ \Phi_{228}^{4}\ \Phi_{114}^{4}\ \Phi_{57}^{3}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}$
69219	1176	418	$\frac{1}{22}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{418}^{3}\ \Phi_{209}^{3}\ \Phi_{38}^{3}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{2}^{2}$
69220	1176	93	$\frac{1}{31}$	$\frac{5}{93}$	$\frac{1}{3}$	$\frac{44}{93}$	$\Phi_{93}^{13}\ \Phi_{31}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
69221	1176	255	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{255}^{5}\ \Phi_{85}^{5}\ \Phi_{51}^{5}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{4}$
69222	1176	200	$\frac{1}{25}$	$\frac{3}{50}$	$\frac{53}{200}$	$\frac{47}{100}$	$\Phi_{200}^{8}\ \Phi_{50}^{8}\ \Phi_{40}^{8}\ \Phi_{25}^{7}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{5}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
69223	1176	1175	$\frac{71}{1175}$	$\frac{89}{1175}$	$\frac{181}{1175}$	$\frac{552}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
69224	1176	1175	$\frac{73}{1175}$	$\frac{104}{1175}$	$\frac{153}{1175}$	$\frac{551}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
69225	1176	1352	$\frac{11}{169}$	$\frac{15}{169}$	$\frac{1}{8}$	$\frac{79}{169}$	$\Phi_{1352}\ \Phi_{676}\ \Phi_{338}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
69226	1176	1379	$\frac{13}{197}$	$\frac{15}{197}$	$\frac{1}{7}$	$\frac{92}{197}$	Φ_{1379}
69227	1176	1175	$\frac{69}{1175}$	$\frac{79}{1175}$	$\frac{209}{1175}$	$\frac{548}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
69228	1176	524	$\frac{5}{131}$	$\frac{9}{131}$	$\frac{1}{4}$	$\frac{61}{131}$	$\Phi_{524}^{3}\ \Phi_{262}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
69229	1176	1175	$\frac{41}{1175}$	$\frac{81}{1175}$	$\frac{314}{1175}$	$\frac{547}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
69230	1176	275	$\frac{1}{25}$	$\frac{19}{275}$	$\frac{6}{25}$	$\frac{128}{275}$	$\Phi_{275}^{4}\ \Phi_{55}^{4}\ \Phi_{25}^{7}\ \Phi_{11}^{4}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
69231	1176	1767	$\frac{15}{589}$	$\frac{41}{589}$	$\frac{1}{3}$	$\frac{274}{589}$	$\Phi_{1767}\ \Phi_{93}\ \Phi_{57}$
69232	1176	235	$\frac{17}{235}$	$\frac{18}{235}$	$\frac{31}{235}$	$\frac{109}{235}$	$\Phi_{235}^{5}\ \Phi_{47}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
69233	1176	1677	$\frac{1}{43}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1677}\ \Phi_{129}^{2}$
69234	1176	1079	$\frac{2}{83}$	$\frac{1}{13}$	$\frac{27}{83}$	$\frac{6}{13}$	$\Phi_{1079}\ \Phi_{83}^{2}\ \Phi_{13}^{2}\ \Phi_{1}^{4}$
69235	1176	1508	$\frac{1}{29}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{1508}\ \Phi_{754}\ \Phi_{116}^{2}\ \Phi_{58}^{2}$
69236	1176	1079	$\frac{3}{83}$	$\frac{1}{13}$	$\frac{20}{83}$	$\frac{6}{13}$	$\Phi_{1079}\ \Phi_{83}^{2}\ \Phi_{13}^{2}\ \Phi_{1}^{4}$
69237	1176	1430	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{1430}\ \Phi_{715}\ \Phi_{130}\ \Phi_{110}^{2}\ \Phi_{55}^{2}\ \Phi_{10}^{2}$
69238	1176	1079	$\frac{5}{83}$	$\frac{1}{13}$	$\frac{13}{83}$	$\frac{6}{13}$	$\Phi_{1079}\ \Phi_{83}^{2}\ \Phi_{13}^{2}\ \Phi_{1}^{4}$
69239	1176	1365	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{105}^{2}\ \Phi_{35}^{2}\ \Phi_{21}^{2}$
69240	1176	1079	$\frac{6}{83}$	$\frac{1}{13}$	$\frac{11}{83}$	$\frac{6}{13}$	$\Phi_{1079}\ \Phi_{83}^{2}\ \Phi_{13}^{2}\ \Phi_{1}^{4}$
69241	1176	104	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{6}{13}$	$\Phi_{104}^{13}\ \Phi_{52}^{13}\ \Phi_{26}^{13}\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}$
69242	1176	450	$\frac{1}{25}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{450}^{5}\ \Phi_{150}^{5}\ \Phi_{90}^{4}\ \Phi_{50}^{5}\ \Phi_{30}^{4}\ \Phi_{25}^{4}\ \Phi_{18}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
69243	1176	1170	$\frac{1}{13}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{90}$	$\Phi_{1170}^{2}\ \Phi_{390}^{2}\ \Phi_{234}^{2}\ \Phi_{130}^{2}\ \Phi_{117}\ \Phi_{78}^{2}\ \Phi_{39}\ \Phi_{26}^{2}$
69244	1176	1650	$\frac{1}{50}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{330}\ \Phi_{165}\ \Phi_{150}^{2}\ \Phi_{75}^{2}\ \Phi_{66}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}$
69245	1176	1067	$\frac{6}{97}$	$\frac{1}{11}$	$\frac{13}{97}$	$\frac{5}{11}$	$\Phi_{1067}\ \Phi_{97}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
69246	1176	1320	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{132}\ \Phi_{120}^2\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2$
69247	1176	715	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{5}{11}$	$\Phi_{715}^2\ \Phi_{143}\ \Phi_{65}^2$
69248	1176	1175	$\frac{23}{1175}$	$\frac{113}{1175}$	$\frac{384}{1175}$	$\frac{531}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
69249	1176	300	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{300}^5\ \Phi_{150}^5\ \Phi_{75}^5\ \Phi_{60}^4\ \Phi_{50}^5\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
69250	1176	1247	$\frac{1}{43}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	Φ_{1247}
69251	1176	1175	$\frac{31}{1175}$	$\frac{127}{1175}$	$\frac{286}{1175}$	$\frac{524}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
69252	1176	702	$\frac{1}{13}$	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{234}^2\ \Phi_{117}\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{26}^2$
69253	1176	1144	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{88}$	$\Phi_{1144}^2\ \Phi_{143}\ \Phi_{104}^2$
69254	1176	1247	$\frac{1}{29}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	Φ_{1247}
69255	1176	50	$\frac{1}{50}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{50}^{24}\ \Phi_{25}^{23}\ \Phi_{10}^{24}\ \Phi_5^{23}\ \Phi_2^{24}\ \Phi_1^{24}$
69256	1176	25	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{4}{25}$	$\frac{11}{25}$	$\Phi_{25}^{47}\ \Phi_5^{47}\ \Phi_1^{48}$
69257	1176	1254	$\frac{1}{22}$	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{25}{57}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}\ \Phi_{209}\ \Phi_{114}\ \Phi_{66}\ \Phi_{38}\ \Phi_{33}\ \Phi_6$
69258	1176	235	$\frac{11}{235}$	$\frac{29}{235}$	$\frac{32}{235}$	$\frac{103}{235}$	$\Phi_{235}^5\ \Phi_{47}^5\ \Phi_5^5\ \Phi_1^6$
69259	1176	255	$\frac{1}{15}$	$\frac{8}{85}$	$\frac{11}{85}$	$\frac{37}{85}$	$\Phi_{255}^5\ \Phi_{85}^4\ \Phi_{51}^5\ \Phi_{17}^4\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
69260	1176	1287	$\frac{1}{13}$	$\frac{8}{99}$	$\frac{13}{99}$	$\frac{43}{99}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}\ \Phi_{39}$
69261	1176	235	$\frac{18}{235}$	$\frac{19}{235}$	$\frac{31}{235}$	$\frac{102}{235}$	$\Phi_{235}^5\ \Phi_{47}^5\ \Phi_5^5\ \Phi_1^6$
69262	1176	1175	$\frac{76}{1175}$	$\frac{111}{1175}$	$\frac{157}{1175}$	$\frac{509}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
69263	1176	1352	$\frac{8}{169}$	$\frac{1}{8}$	$\frac{23}{169}$	$\frac{73}{169}$	$\Phi_{1352}\ \Phi_{676}\ \Phi_{338}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
69264	1176	1175	$\frac{48}{1175}$	$\frac{161}{1175}$	$\frac{167}{1175}$	$\frac{507}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
69265	1176	1379	$\frac{8}{197}$	$\frac{27}{197}$	$\frac{1}{7}$	$\frac{85}{197}$	Φ_{1379}
69266	1176	1175	$\frac{34}{1175}$	$\frac{163}{1175}$	$\frac{223}{1175}$	$\frac{506}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
69267	1176	295	$\frac{8}{295}$	$\frac{41}{295}$	$\frac{1}{5}$	$\frac{127}{295}$	$\Phi_{295}^4\ \Phi_{59}^4\ \Phi_5^3\ \Phi_1^4$
69268	1176	1572	$\frac{8}{393}$	$\frac{55}{393}$	$\frac{1}{4}$	$\frac{169}{393}$	$\Phi_{1572}\ \Phi_{786}\ \Phi_{524}\ \Phi_{262}\ \Phi_{12}\ \Phi_6$
69269	1176	235	$\frac{4}{235}$	$\frac{33}{235}$	$\frac{67}{235}$	$\frac{101}{235}$	$\Phi_{235}^5\ \Phi_{47}^5\ \Phi_5^5\ \Phi_1^6$
69270	1176	1767	$\frac{8}{589}$	$\frac{83}{589}$	$\frac{1}{3}$	$\frac{253}{589}$	$\Phi_{1767}\ \Phi_{93}\ \Phi_{57}$
69271	1176	511	$\frac{1}{73}$	$\frac{1}{7}$	$\frac{24}{73}$	$\frac{3}{7}$	$\Phi_{511}^2\ \Phi_{73}^4\ \Phi_7^3\ \Phi_1^6$
69272	1176	700	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{700}^2\ \Phi_{350}\ \Phi_{175}\ \Phi_{140}^2\ \Phi_{100}^4\ \Phi_{70}\ \Phi_{50}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}^2\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
69273	1176	511	$\frac{3}{73}$	$\frac{10}{73}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{511}^2\ \Phi_{73}^4\ \Phi_7^3\ \Phi_1^6$
69274	1176	616	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{616}^2\ \Phi_{308}^2\ \Phi_{154}\ \Phi_{88}^4\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}^4\ \Phi_{28}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
69275	1176	1175	$\frac{48}{1175}$	$\frac{161}{1175}$	$\frac{169}{1175}$	$\frac{503}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
69276	1176	255	$\frac{1}{15}$	$\frac{7}{85}$	$\frac{13}{85}$	$\frac{36}{85}$	$\Phi_{255}^5\ \Phi_{85}^4\ \Phi_{51}^5\ \Phi_{17}^4\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
69277	1176	1175	$\frac{77}{1175}$	$\frac{97}{1175}$	$\frac{183}{1175}$	$\frac{496}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
69278	1176	1352	$\frac{7}{169}$	$\frac{1}{8}$	$\frac{27}{169}$	$\frac{71}{169}$	$\Phi_{1352}\ \Phi_{676}\ \Phi_{338}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
69279	1176	1175	$\frac{17}{1175}$	$\frac{193}{1175}$	$\frac{342}{1175}$	$\frac{491}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
69280	1176	1767	$\frac{7}{589}$	$\frac{97}{589}$	$\frac{1}{3}$	$\frac{246}{589}$	$\Phi_{1767}\ \Phi_{93}\ \Phi_{57}$
69281	1176	1020	$\frac{1}{85}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{1020}^2\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{204}^2\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{51}\ \Phi_{20}^2\ \Phi_{15}$
69282	1176	2004	$\frac{2}{167}$	$\frac{1}{6}$	$\frac{55}{167}$	$\frac{5}{12}$	$\Phi_{2004}\ \Phi_{668}\ \Phi_{167}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
69283	1176	228	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{228}^4\ \Phi_{114}^7\ \Phi_{76}^4\ \Phi_{57}^6\ \Phi_{38}^7\ \Phi_{19}^6\ \Phi_{12}^3\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
69284	1176	2004	$\frac{3}{167}$	$\frac{1}{6}$	$\frac{41}{167}$	$\frac{5}{12}$	$\Phi_{2004}\ \Phi_{668}\ \Phi_{167}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
69285	1176	2580	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{215}$
69286	1176	2004	$\frac{5}{167}$	$\frac{27}{167}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2004}\ \Phi_{668}\ \Phi_{167}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
69287	1176	2436	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{203}$
69288	1176	2004	$\frac{6}{167}$	$\frac{23}{167}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2004}\ \Phi_{668}\ \Phi_{167}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
69289	1176	600	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{600}^2\ \Phi_{300}\ \Phi_{200}^3\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
69290	1176	2004	$\frac{7}{167}$	$\frac{20}{167}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2004}\ \Phi_{668}\ \Phi_{167}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
69291	1176	396	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{396}^6\ \Phi_{198}\ \Phi_{132}^4\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}^4\ \Phi_{36}^3\ \Phi_{33}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
69292	1176	2004	$\frac{11}{167}$	$\frac{13}{167}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2004}\ \Phi_{668}\ \Phi_{167}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
69293	1176	780	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{780}^3\ \Phi_{260}^3\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{39}$
69294	1176	1175	$\frac{14}{1175}$	$\frac{197}{1175}$	$\frac{387}{1175}$	$\frac{489}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
69295	1176	250	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{22}{125}$	$\frac{103}{250}$	$\Phi_{250}^8\ \Phi_{50}^8\ \Phi_{25}^7\ \Phi_{10}^8\ \Phi_5^7\ \Phi_2^8\ \Phi_1^8$
69296	1176	47	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{9}{47}$	$\frac{19}{47}$	$\Phi_{47}^{25}\ \Phi_1^{26}$
69297	1176	495	$\frac{1}{99}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{495}^2\ \Phi_{165}^2\ \Phi_{99}^4\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}^4\ \Phi_{15}\ \Phi_{11}^4\ \Phi_9^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
69298	1176	170	$\frac{1}{85}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{170}^{10}\ \Phi_{85}^4\ \Phi_{34}^{10}\ \Phi_{17}^4\ \Phi_{10}^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
69299	1176	65	$\frac{1}{65}$	$\frac{1}{5}$	$\frac{16}{65}$	$\frac{2}{5}$	$\Phi_{65}^{18}\ \Phi_{13}^{18}\ \Phi_5^{19}\ \Phi_1^{20}$
69300	1176	50	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{50}^{24}\ \Phi_{25}^{24}\ \Phi_{10}^{24}\ \Phi_5^{19}\ \Phi_2^{24}\ \Phi_1^{20}$
69301	1176	585	$\frac{1}{39}$	$\frac{19}{117}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{585}^2\ \Phi_{195}\ \Phi_{117}^4\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{39}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
69302	1176	65	$\frac{2}{65}$	$\frac{9}{65}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{65}^{18}\ \Phi_{13}^{18}\ \Phi_5^{19}\ \Phi_1^{20}$
69303	1176	1160	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{232}^2\ \Phi_{116}^2\ \Phi_{58}^2$
69304	1176	325	$\frac{3}{65}$	$\frac{31}{325}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{325}^4\ \Phi_{65}^2\ \Phi_{25}^4\ \Phi_{13}^2\ \Phi_5^3\ \Phi_1^4$
69305	1176	260	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{260}^4\ \Phi_{130}^4\ \Phi_{65}^3\ \Phi_{52}^8\ \Phi_{26}^8\ \Phi_{20}^4\ \Phi_{13}^6\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^8\ \Phi_2^8\ \Phi_1^8$
69306	1176	15	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{15}^{78}\ \Phi_5^{79}\ \Phi_3^{78}\ \Phi_1^{80}$
69307	1176	1175	$\frac{34}{1175}$	$\frac{163}{1175}$	$\frac{253}{1175}$	$\frac{461}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
69308	1176	400	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{400}^5\ \Phi_{80}^4\ \Phi_{50}^5\ \Phi_{25}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
69309	1176	1254	$\frac{1}{22}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}\ \Phi_{209}\ \Phi_{114}\ \Phi_{66}\ \Phi_{38}\ \Phi_{33}\ \Phi_6$
69310	1176	1287	$\frac{1}{99}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}\ \Phi_{39}$
69311	1176	510	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{510}^4\ \Phi_{255}\ \Phi_{170}^4\ \Phi_{102}^4\ \Phi_{85}\ \Phi_{51}\ \Phi_{30}^4\ \Phi_{10}^4\ \Phi_6^4$
69312	1176	1175	$\frac{51}{1175}$	$\frac{104}{1175}$	$\frac{281}{1175}$	$\frac{447}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
69313	1176	1352	$\frac{5}{169}$	$\frac{1}{8}$	$\frac{41}{169}$	$\frac{64}{169}$	$\Phi_{1352}\ \Phi_{676}\ \Phi_{338}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
69314	1176	1180	$\frac{1}{59}$	$\frac{1}{5}$	$\frac{29}{118}$	$\frac{89}{236}$	$\Phi_{1180}^2\ \Phi_{295}\ \Phi_{20}^2$
69315	1176	1175	$\frac{19}{1175}$	$\frac{244}{1175}$	$\frac{289}{1175}$	$\frac{443}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
69316	1176	1572	$\frac{5}{393}$	$\frac{97}{393}$	$\frac{1}{4}$	$\frac{148}{393}$	$\Phi_{1572}\ \Phi_{786}\ \Phi_{524}\ \Phi_{262}\ \Phi_{12}\ \Phi_6$
69317	1176	1368	$\frac{5}{152}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{57}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
69318	1176	235	$\frac{3}{235}$	$\frac{58}{235}$	$\frac{59}{235}$	$\frac{88}{235}$	$\Phi_{235}^5\ \Phi_{47}^5\ \Phi_5^5\ \Phi_1^6$
69319	1176	50	$\frac{1}{50}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{50}^{24}\ \Phi_{25}^{23}\ \Phi_{10}^{24}\ \Phi_5^{23}\ \Phi_2^{24}\ \Phi_1^{24}$
69320	1176	1175	$\frac{27}{1175}$	$\frac{164}{1175}$	$\frac{337}{1175}$	$\frac{419}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
69321	1176	1247	$\frac{1}{29}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	Φ_{1247}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
69322	1176	75	$\frac{1}{25}$	$\frac{2}{25}$	$\frac{23}{75}$	$\frac{26}{75}$	$\Phi_{75}^{12}\ \Phi_{25}^{23}\ \Phi_{15}^{12}\ \Phi_{5}^{23}\ \Phi_{3}^{12}\ \Phi_{1}^{24}$
69323	1176	235	$\frac{11}{235}$	$\frac{16}{235}$	$\frac{73}{235}$	$\frac{81}{235}$	$\Phi_{235}^{5}\ \Phi_{47}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
69324	1176	255	$\frac{4}{85}$	$\frac{1}{15}$	$\frac{27}{85}$	$\frac{29}{85}$	$\Phi_{255}^{5}\ \Phi_{85}^{4}\ \Phi_{51}^{5}\ \Phi_{17}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
69325	1176	1175	$\frac{38}{1175}$	$\frac{111}{1175}$	$\frac{379}{1175}$	$\frac{398}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
69326	1176	666	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{12}{37}$	$\frac{25}{74}$	$\Phi_{666}^{3}\ \Phi_{333}\ \Phi_{222}^{3}\ \Phi_{111}\ \Phi_{18}^{3}\ \Phi_{6}^{3}$
69327	1176	1352	$\frac{4}{169}$	$\frac{1}{8}$	$\frac{55}{169}$	$\frac{57}{169}$	$\Phi_{1352}\ \Phi_{676}\ \Phi_{338}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
69328	1176	235	$\frac{4}{235}$	$\frac{39}{235}$	$\frac{77}{235}$	$\frac{79}{235}$	$\Phi_{235}^{5}\ \Phi_{47}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
69329	1176	295	$\frac{4}{295}$	$\frac{1}{5}$	$\frac{97}{295}$	$\frac{99}{295}$	$\Phi_{295}^{4}\ \Phi_{59}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
69330	1176	1175	$\frac{8}{1175}$	$\frac{389}{1175}$	$\frac{391}{1175}$	$\frac{393}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
69331	1176	1767	$\frac{4}{589}$	$\frac{195}{589}$	$\frac{1}{3}$	$\frac{197}{589}$	$\Phi_{1767}\ \Phi_{93}\ \Phi_{57}$
69332	1176	444	$\frac{1}{148}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{444}^{3}\ \Phi_{222}^{3}\ \Phi_{148}^{2}\ \Phi_{111}^{3}\ \Phi_{74}^{2}\ \Phi_{37}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
69333	1176	879	$\frac{2}{293}$	$\frac{97}{293}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{879}\ \Phi_{293}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
69334	1176	396	$\frac{1}{99}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{396}^{4}\ \Phi_{198}^{4}\ \Phi_{132}^{4}\ \Phi_{66}^{4}\ \Phi_{44}^{4}\ \Phi_{36}^{4}\ \Phi_{22}^{4}\ \Phi_{18}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
69335	1176	765	$\frac{1}{85}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{765}^{2}\ \Phi_{255}\ \Phi_{153}^{2}\ \Phi_{51}\ \Phi_{45}^{2}\ \Phi_{15}$
69336	1176	879	$\frac{5}{293}$	$\frac{48}{293}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{879}\ \Phi_{293}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
69337	1176	1050	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}^{2}\ \Phi_{210}\ \Phi_{175}^{2}\ \Phi_{105}\ \Phi_{70}^{2}\ \Phi_{42}\ \Phi_{35}^{2}\ \Phi_{14}^{2}$
69338	1176	879	$\frac{6}{293}$	$\frac{41}{293}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{879}\ \Phi_{293}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
69339	1176	1032	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1032}\ \Phi_{516}\ \Phi_{344}^{2}\ \Phi_{258}\ \Phi_{172}^{2}\ \Phi_{86}^{2}$
69340	1176	663	$\frac{2}{51}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{663}^{2}\ \Phi_{221}^{2}\ \Phi_{39}$
69341	1176	879	$\frac{13}{293}$	$\frac{20}{293}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{879}\ \Phi_{293}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
69342	1176	330	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{330}^{4}\ \Phi_{165}^{4}\ \Phi_{110}^{4}\ \Phi_{66}^{3}\ \Phi_{55}^{4}\ \Phi_{33}^{3}\ \Phi_{30}^{4}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{10}^{4}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
69343	1176	2340	$\frac{2}{195}$	$\frac{1}{4}$	$\frac{193}{585}$	$\frac{1}{3}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{468}\ \Phi_{234}\ \Phi_{180}\ \Phi_{90}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
69344	1176	1503	$\frac{2}{167}$	$\frac{2}{9}$	$\frac{55}{167}$	$\frac{1}{3}$	$\Phi_{1503}\ \Phi_{167}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
69345	1176	1095	$\frac{1}{73}$	$\frac{1}{5}$	$\frac{24}{73}$	$\frac{1}{3}$	$\Phi_{1095}^{2}\ \Phi_{15}^{3}$
69346	1176	1767	$\frac{10}{589}$	$\frac{99}{589}$	$\frac{193}{589}$	$\frac{1}{3}$	$\Phi_{1767}\ \Phi_{93}\ \Phi_{57}$
69347	1176	1992	$\frac{2}{83}$	$\frac{1}{8}$	$\frac{27}{83}$	$\frac{1}{3}$	$\Phi_{1992}\ \Phi_{996}\ \Phi_{498}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
69348	1176	93	$\frac{1}{31}$	$\frac{3}{31}$	$\frac{10}{31}$	$\frac{1}{3}$	$\Phi_{93}^{19}\ \Phi_{3}^{18}$
69349	1176	936	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{234}^{2}\ \Phi_{117}^{2}\ \Phi_{39}$
69350	1176	615	$\frac{2}{41}$	$\frac{1}{15}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{615}^{2}\ \Phi_{205}^{2}\ \Phi_{123}\ \Phi_{41}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
69351	1176	627	$\frac{1}{19}$	$\frac{13}{209}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{627}^{3}\ \Phi_{57}\ \Phi_{33}^{3}$
69352	1176	285	$\frac{1}{19}$	$\frac{6}{95}$	$\frac{89}{285}$	$\frac{1}{3}$	$\Phi_{285}^{3}\ \Phi_{95}^{6}\ \Phi_{57}^{4}\ \Phi_{19}^{6}\ \Phi_{15}^{3}\ \Phi_{5}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
69353	1176	1767	$\frac{29}{589}$	$\frac{40}{589}$	$\frac{183}{589}$	$\frac{1}{3}$	$\Phi_{1767}\ \Phi_{93}\ \Phi_{57}$
69354	1176	1782	$\frac{1}{22}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{162}\ \Phi_{66}\ \Phi_{33}\ \Phi_{6}$
69355	1176	1173	$\frac{2}{51}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{1173}\ \Phi_{391}\ \Phi_{51}^{2}\ \Phi_{23}\ \Phi_{17}^{2}\ \Phi_{1}^{2}$
69356	1176	870	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{870}^{2}\ \Phi_{435}^{2}\ \Phi_{174}^{2}\ \Phi_{87}^{3}$
69357	1176	279	$\frac{1}{31}$	$\frac{10}{93}$	$\frac{83}{279}$	$\frac{1}{3}$	$\Phi_{279}^{6}\ \Phi_{93}\ \Phi_{9}^{6}$
69358	1176	1767	$\frac{15}{589}$	$\frac{82}{589}$	$\frac{169}{589}$	$\frac{1}{3}$	$\Phi_{1767}\ \Phi_{93}\ \Phi_{57}$
69359	1176	1650	$\frac{1}{50}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{330}\ \Phi_{165}\ \Phi_{150}^{2}\ \Phi_{75}^{2}\ \Phi_{66}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}$
69360	1176	1767	$\frac{9}{589}$	$\frac{145}{589}$	$\frac{148}{589}$	$\frac{1}{3}$	$\Phi_{1767}\ \Phi_{93}\ \Phi_{57}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
69361	1176	780	$\frac{1}{65}$	$\frac{16}{65}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{12}^4\ \Phi_{6}^4$
69362	1176	684	$\frac{1}{57}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{684}^3\ \Phi_{342}^3\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{38}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{6}$
69363	1176	300	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^8\ \Phi_{150}^4\ \Phi_{75}^4\ \Phi_{60}^7\ \Phi_{30}^3\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_{6}^4\ \Phi_{3}^4$
69364	1176	468	$\frac{1}{39}$	$\frac{19}{117}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{36}^4\ \Phi_{26}^2\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
69365	1176	780	$\frac{2}{65}$	$\frac{9}{65}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{12}^4\ \Phi_{6}^4$
69366	1176	1620	$\frac{13}{405}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{108}\ \Phi_{90}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
69367	1176	696	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{696}^3\ \Phi_{348}^2\ \Phi_{174}^2\ \Phi_{87}^3$
69368	1176	612	$\frac{2}{51}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{36}\ \Phi_{34}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
69369	1176	1716	$\frac{2}{39}$	$\frac{37}{429}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{286}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{22}\ \Phi_{12}\ \Phi_{6}$
69370	1176	156	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^{11}\ \Phi_{78}^{11}\ \Phi_{39}^{12}\ \Phi_{12}^{12}\ \Phi_{6}^{12}\ \Phi_{3}^{12}$
69371	1176	60	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^{26}\ \Phi_{30}^{26}\ \Phi_{20}^{26}\ \Phi_{12}^{27}\ \Phi_{10}^{26}\ \Phi_{6}^{27}\ \Phi_{4}^{26}\ \Phi_{2}^{26}$
69372	1176	1503	$\frac{3}{167}$	$\frac{2}{9}$	$\frac{41}{167}$	$\frac{1}{3}$	$\Phi_{1503}\ \Phi_{167}\ \Phi_{9}^2\ \Phi_{1}^2$
69373	1176	1992	$\frac{3}{83}$	$\frac{1}{8}$	$\frac{20}{83}$	$\frac{1}{3}$	$\Phi_{1992}\ \Phi_{996}\ \Phi_{498}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
69374	1176	1767	$\frac{25}{589}$	$\frac{64}{589}$	$\frac{141}{589}$	$\frac{1}{3}$	$\Phi_{1767}\ \Phi_{93}\ \Phi_{57}$
69375	1176	2496	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{39}$
69376	1176	570	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{43}{190}$	$\frac{1}{3}$	$\Phi_{570}^4\ \Phi_{285}^2\ \Phi_{114}^4\ \Phi_{57}^3\ \Phi_{30}^4\ \Phi_{15}^2\ \Phi_{6}^4\ \Phi_{3}^2$
69377	1176	465	$\frac{8}{155}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{465}^4\ \Phi_{93}^3\ \Phi_{15}^4\ \Phi_{3}^2$
69378	1176	1935	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1935}\ \Phi_{215}$
69379	1176	1503	$\frac{5}{167}$	$\frac{27}{167}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1503}\ \Phi_{167}\ \Phi_{9}^2\ \Phi_{1}^2$
69380	1176	1827	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1827}\ \Phi_{203}$
69381	1176	1503	$\frac{6}{167}$	$\frac{23}{167}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1503}\ \Phi_{167}\ \Phi_{9}^2\ \Phi_{1}^2$
69382	1176	1800	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{200}\ \Phi_{180}\ \Phi_{100}\ \Phi_{90}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
69383	1176	1503	$\frac{7}{167}$	$\frac{20}{167}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1503}\ \Phi_{167}\ \Phi_{9}^2\ \Phi_{1}^2$
69384	1176	198	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{198}^6\ \Phi_{99}^6\ \Phi_{66}^7\ \Phi_{33}^7\ \Phi_{22}^6\ \Phi_{18}^6\ \Phi_{11}^6\ \Phi_{6}^7\ \Phi_{2}^6$
69385	1176	1503	$\frac{11}{167}$	$\frac{13}{167}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1503}\ \Phi_{167}\ \Phi_{9}^2\ \Phi_{1}^2$
69386	1176	585	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{585}^3\ \Phi_{195}\ \Phi_{117}^2\ \Phi_{65}\ \Phi_{39}$
69387	1176	1173	$\frac{2}{51}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{1173}\ \Phi_{391}\ \Phi_{51}^2\ \Phi_{23}\ \Phi_{17}^2\ \Phi_{1}^2$
69388	1176	1767	$\frac{22}{589}$	$\frac{81}{589}$	$\frac{127}{589}$	$\frac{1}{3}$	$\Phi_{1767}\ \Phi_{93}\ \Phi_{57}$
69389	1176	456	$\frac{5}{152}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{456}^4\ \Phi_{228}^4\ \Phi_{114}^4\ \Phi_{57}^3\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_{6}^4\ \Phi_{3}^2$
69390	1176	186	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{13}{62}$	$\frac{1}{3}$	$\Phi_{186}^{12}\ \Phi_{93}^7\ \Phi_{6}^{12}\ \Phi_{3}^6$
69391	1176	2175	$\frac{1}{29}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2175}\ \Phi_{87}$
69392	1176	1785	$\frac{2}{51}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{35}$
69393	1176	1095	$\frac{3}{73}$	$\frac{10}{73}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1095}^2\ \Phi_{15}^3$
69394	1176	1320	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{330}\ \Phi_{165}\ \Phi_{120}\ \Phi_{60}\ \Phi_{15}$
69395	1176	285	$\frac{1}{19}$	$\frac{11}{95}$	$\frac{18}{95}$	$\frac{1}{3}$	$\Phi_{285}^6\ \Phi_{57}^7\ \Phi_{15}^6\ \Phi_{3}^6$
69396	1176	780	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{39}$
69397	1176	702	$\frac{1}{13}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{39}$
69398	1176	57	$\frac{1}{19}$	$\frac{8}{57}$	$\frac{3}{19}$	$\frac{1}{3}$	$\Phi_{57}^{19}\ \Phi_{19}^{24}\ \Phi_{3}^{18}\ \Phi_{1}^{24}$
69399	1176	1992	$\frac{5}{83}$	$\frac{1}{8}$	$\frac{13}{83}$	$\frac{1}{3}$	$\Phi_{1992}\ \Phi_{996}\ \Phi_{498}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
69400	1176	1767	$\frac{37}{589}$	$\frac{71}{589}$	$\frac{92}{589}$	$\frac{1}{3}$	$\Phi_{1767}\ \Phi_{93}\ \Phi_{57}$
69401	1176	615	$\frac{1}{15}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{3}$	$\Phi_{615}^2\ \Phi_{205}^2\ \Phi_{123}\ \Phi_{41}^2\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
69402	1176	1767	$\frac{36}{589}$	$\frac{79}{589}$	$\frac{85}{589}$	$\frac{1}{3}$	$\Phi_{1767}\ \Phi_{93}\ \Phi_{57}$
69403	1176	2037	$\frac{6}{97}$	$\frac{13}{97}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2037}\ \Phi_{21}^2$
69404	1176	840	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
69405	1176	1992	$\frac{6}{83}$	$\frac{1}{8}$	$\frac{11}{83}$	$\frac{1}{3}$	$\Phi_{1992}\ \Phi_{996}\ \Phi_{498}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
69406	1176	1767	$\frac{43}{589}$	$\frac{73}{589}$	$\frac{78}{589}$	$\frac{1}{3}$	$\Phi_{1767}\ \Phi_{93}\ \Phi_{57}$
69407	1176	312	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{312}^6\ \Phi_{156}^6\ \Phi_{78}^6\ \Phi_{39}^7$
69408	1176	145	$\frac{4}{145}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{47}{145}$	$\Phi_{145}^8\ \Phi_{29}^8\ \Phi_5^{11}\ \Phi_1^{12}$
69409	1176	225	$\frac{1}{25}$	$\frac{29}{225}$	$\frac{17}{75}$	$\frac{8}{25}$	$\Phi_{225}^6\ \Phi_{75}^3\ \Phi_{45}^6\ \Phi_{25}^5\ \Phi_{15}^3\ \Phi_9^6\ \Phi_5^5\ \Phi_3^3\ \Phi_1^6$
69410	1176	125	$\frac{1}{25}$	$\frac{17}{125}$	$\frac{27}{125}$	$\frac{8}{25}$	$\Phi_{125}^9\ \Phi_{25}^{11}\ \Phi_5^{11}\ \Phi_1^{12}$
69411	1176	1656	$\frac{1}{24}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{23}{72}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{414}\ \Phi_{207}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{23}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
69412	1176	72	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{23}{72}$	$\Phi_{72}^{15}\ \Phi_{36}^{16}\ \Phi_{24}^{18}\ \Phi_{18}^{16}\ \Phi_{12}^{19}\ \Phi_9^{15}\ \Phi_8^{18}\ \Phi_6^{19}\ \Phi_4^{18}\ \Phi_3^{18}\ \Phi_2^{18}\ \Phi_1^{18}$
69413	1176	1656	$\frac{1}{24}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{23}{72}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{414}\ \Phi_{207}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{23}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
69414	1176	2520	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{23}{72}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{315}\ \Phi_{35}$
69415	1176	369	$\frac{2}{41}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{13}{41}$	$\Phi_{369}^3\ \Phi_{123}^3\ \Phi_{41}^4\ \Phi_9^6\ \Phi_3^6\ \Phi_1^8$
69416	1176	1640	$\frac{2}{41}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{13}{41}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{410}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
69417	1176	235	$\frac{13}{235}$	$\frac{23}{235}$	$\frac{53}{235}$	$\frac{74}{235}$	$\Phi_{235}^5\ \Phi_{47}^5\ \Phi_5^5\ \Phi_1^6$
69418	1176	1352	$\frac{10}{169}$	$\frac{1}{8}$	$\frac{29}{169}$	$\frac{53}{169}$	$\Phi_{1352}\ \Phi_{676}\ \Phi_{338}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
69419	1176	1175	$\frac{74}{1175}$	$\frac{139}{1175}$	$\frac{202}{1175}$	$\frac{367}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
69420	1176	295	$\frac{19}{295}$	$\frac{29}{295}$	$\frac{1}{5}$	$\frac{92}{295}$	$\Phi_{295}^4\ \Phi_{59}^4\ \Phi_5^3\ \Phi_1^4$
69421	1176	520	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{9}{65}$	$\frac{4}{13}$	$\Phi_{520}^3\ \Phi_{260}^3\ \Phi_{130}^3\ \Phi_{104}\ \Phi_{52}\ \Phi_{40}^3\ \Phi_{26}\ \Phi_{20}^3\ \Phi_{10}^3$
69422	1176	141	$\frac{3}{47}$	$\frac{4}{47}$	$\frac{11}{47}$	$\frac{43}{141}$	$\Phi_{141}^{12}\ \Phi_{47}\ \Phi_3^{12}\ \Phi_1^2$
69423	1176	141	$\frac{4}{47}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{43}{141}$	$\Phi_{141}^{12}\ \Phi_{47}\ \Phi_3^{12}\ \Phi_1^2$
69424	1176	1196	$\frac{3}{52}$	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{1196}\ \Phi_{598}\ \Phi_{299}\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{23}\ \Phi_{13}^2\ \Phi_1^2$
69425	1176	1472	$\frac{1}{16}$	$\frac{2}{23}$	$\frac{15}{64}$	$\frac{7}{23}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{23}\ \Phi_1^2$
69426	1176	1380	$\frac{1}{12}$	$\frac{2}{23}$	$\frac{11}{60}$	$\frac{7}{23}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{230}\ \Phi_{115}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
69427	1176	1242	$\frac{2}{23}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{7}{23}$	$\Phi_{1242}\ \Phi_{621}\ \Phi_{414}\ \Phi_{207}\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{23}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
69428	1176	184	$\frac{2}{23}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{23}$	$\Phi_{184}^6\ \Phi_{92}^6\ \Phi_{46}^6\ \Phi_{23}^7\ \Phi_8^{12}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{14}$
69429	1176	110	$\frac{3}{55}$	$\frac{1}{10}$	$\frac{13}{55}$	$\frac{3}{10}$	$\Phi_{110}^{10}\ \Phi_{55}^{11}\ \Phi_{22}^{10}\ \Phi_{11}^{11}\ \Phi_{10}^{12}\ \Phi_5^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
69430	1176	30	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{30}^{40}\ \Phi_{15}^{44}\ \Phi_{10}^{32}\ \Phi_6^{40}\ \Phi_5^{35}\ \Phi_3^{44}\ \Phi_2^{32}\ \Phi_1^{36}$
69431	1176	330	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{33}$	$\frac{3}{10}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{110}^2\ \Phi_{66}^4\ \Phi_{55}^2\ \Phi_{33}^6\ \Phi_{30}^4\ \Phi_{22}^2\ \Phi_{15}^4\ \Phi_{11}^3\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
69432	1176	110	$\frac{1}{10}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{3}{10}$	$\Phi_{110}^{10}\ \Phi_{55}^{11}\ \Phi_{22}^{10}\ \Phi_{11}^{11}\ \Phi_{10}^{12}\ \Phi_5^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
69433	1176	360	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{3}{10}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^2\ \Phi_{72}^5\ \Phi_{60}^4\ \Phi_{45}^2\ \Phi_{36}^5\ \Phi_{30}^2\ \Phi_{24}^5\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}^5\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
69434	1176	1175	$\frac{59}{1175}$	$\frac{128}{1175}$	$\frac{279}{1175}$	$\frac{349}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
69435	1176	1175	$\frac{118}{1175}$	$\frac{128}{1175}$	$\frac{151}{1175}$	$\frac{349}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
69436	1176	1352	$\frac{17}{169}$	$\frac{19}{169}$	$\frac{1}{8}$	$\frac{50}{169}$	$\Phi_{1352}\ \Phi_{676}\ \Phi_{338}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
69437	1176	255	$\frac{1}{15}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{255}^5\ \Phi_{85}^5\ \Phi_{51}^5\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^4$
69438	1176	1175	$\frac{104}{1175}$	$\frac{146}{1175}$	$\frac{153}{1175}$	$\frac{343}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
69439	1176	1175	$\frac{119}{1175}$	$\frac{132}{1175}$	$\frac{149}{1175}$	$\frac{342}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
69440	1176	1332	$\frac{15}{148}$	$\frac{1}{9}$	$\frac{19}{148}$	$\frac{43}{148}$	$\Phi_{1332}\ \Phi_{666}\ \Phi_{444}\ \Phi_{333}\ \Phi_{222}\ \Phi_{111}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
69441	1176	1352	$\frac{15}{169}$	$\frac{1}{8}$	$\frac{22}{169}$	$\frac{49}{169}$	$\Phi_{1352}\ \Phi_{676}\ \Phi_{338}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
69442	1176	1175	$\frac{69}{1175}$	$\frac{158}{1175}$	$\frac{209}{1175}$	$\frac{339}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
69443	1176	295	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{1}{5}$	$\frac{17}{59}$	$\Phi_{295}^5\ \Phi_5^4$
69444	1176	312	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{2}{13}$	$\frac{11}{39}$	$\Phi_{312}^6\ \Phi_{156}^6\ \Phi_{104}\ \Phi_{78}^6\ \Phi_{52}\ \Phi_{26}\ \Phi_{24}^6\ \Phi_{12}^6\ \Phi_6^6$
69445	1176	1755	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{135}$	$\Phi_{1755}\ \Phi_{351}\ \Phi_{117}\ \Phi_{39}$
69446	1176	1067	$\frac{6}{97}$	$\frac{13}{97}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1067}\ \Phi_{97}^2\ \Phi_{11}^2\ \Phi_1^4$
69447	1176	1320	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{132}\ \Phi_{120}^2\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2$
69448	1176	300	$\frac{1}{25}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{300}^5\ \Phi_{150}^5\ \Phi_{100}^5\ \Phi_{60}^4\ \Phi_{50}^5\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
69449	1176	418	$\frac{1}{22}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{418}^3\ \Phi_{209}^3\ \Phi_{38}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_2^2$
69450	1176	1175	$\frac{62}{1175}$	$\frac{159}{1175}$	$\frac{254}{1175}$	$\frac{307}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
69451	1176	255	$\frac{1}{15}$	$\frac{9}{85}$	$\frac{19}{85}$	$\frac{22}{85}$	$\Phi_{255}^5\ \Phi_{85}^4\ \Phi_{51}^5\ \Phi_{17}^4\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
69452	1176	858	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{143}\ \Phi_{78}^2\ \Phi_{39}^2$
69453	1176	47	$\frac{3}{47}$	$\frac{5}{47}$	$\frac{11}{47}$	$\frac{12}{47}$	$\Phi_{47}^{25}\ \Phi_1^{26}$
69454	1176	1352	$\frac{9}{169}$	$\frac{1}{8}$	$\frac{40}{169}$	$\frac{43}{169}$	$\Phi_{1352}\ \Phi_{676}\ \Phi_{338}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
69455	1176	468	$\frac{3}{52}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{156}^3\ \Phi_{117}^3\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
69456	1176	440	$\frac{3}{55}$	$\frac{1}{8}$	$\frac{13}{55}$	$\frac{1}{4}$	$\Phi_{440}^3\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{88}^3\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{40}^3\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_8^6\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
69457	1176	576	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{15}{64}$	$\frac{1}{4}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
69458	1176	1572	$\frac{25}{393}$	$\frac{43}{393}$	$\frac{92}{393}$	$\frac{1}{4}$	$\Phi_{1572}\ \Phi_{786}\ \Phi_{524}\ \Phi_{262}\ \Phi_{12}\ \Phi_6$
69459	1176	180	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{180}^9\ \Phi_{90}^9\ \Phi_{60}^{10}\ \Phi_{36}^6\ \Phi_{30}^{10}\ \Phi_{20}^{10}\ \Phi_{18}^6\ \Phi_{12}^7\ \Phi_{10}^{10}\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
69460	1176	1196	$\frac{3}{52}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{1196}\ \Phi_{598}\ \Phi_{299}\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{23}\ \Phi_{13}^2\ \Phi_1^2$
69461	1176	1572	$\frac{22}{393}$	$\frac{53}{393}$	$\frac{85}{393}$	$\frac{1}{4}$	$\Phi_{1572}\ \Phi_{786}\ \Phi_{524}\ \Phi_{262}\ \Phi_{12}\ \Phi_6$
69462	1176	1820	$\frac{3}{52}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{35}$
69463	1176	1940	$\frac{6}{97}$	$\frac{13}{97}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1940}\ \Phi_{970}\ \Phi_{20}^2\ \Phi_{10}^2$
69464	1176	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{120}^{12}\ \Phi_{60}^8\ \Phi_{40}^9\ \Phi_{30}^8\ \Phi_{24}^{12}\ \Phi_{20}^6\ \Phi_{15}^{12}\ \Phi_{12}^8\ \Phi_{10}^6\ \Phi_8^{12}\ \Phi_6^8\ \Phi_5^9\ \Phi_4^8\ \Phi_3^{12}\ \Phi_2^8\ \Phi_1^{12}$
69465	1176	1440	$\frac{13}{160}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
69466	1176	180	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{60}$	$\frac{1}{4}$	$\Phi_{180}^9\ \Phi_{90}^9\ \Phi_{60}^6\ \Phi_{45}^9\ \Phi_{36}\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{18}\ \Phi_{15}^6\ \Phi_{12}\ \Phi_{10}^6\ \Phi_6\ \Phi_5^6$
69467	1176	108	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{108}^{16}\ \Phi_{54}^8\ \Phi_{36}^{11}\ \Phi_{27}^8\ \Phi_{18}^6\ \Phi_{12}^{13}\ \Phi_9^5\ \Phi_6^7\ \Phi_4^{12}\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
69468	1176	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{33}$	$\frac{1}{4}$	$\Phi_{264}^6\ \Phi_{132}^4\ \Phi_{88}^3\ \Phi_{66}^4\ \Phi_{44}^2\ \Phi_{33}^6\ \Phi_{24}^6\ \Phi_{22}^2\ \Phi_{12}^4\ \Phi_{11}^3\ \Phi_8^6\ \Phi_6^4\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
69469	1176	440	$\frac{6}{55}$	$\frac{1}{8}$	$\frac{7}{55}$	$\frac{1}{4}$	$\Phi_{440}^3\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{88}^3\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{40}^3\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_8^6\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
69470	1176	1572	$\frac{43}{393}$	$\frac{49}{393}$	$\frac{50}{393}$	$\frac{1}{4}$	$\Phi_{1572}\ \Phi_{786}\ \Phi_{524}\ \Phi_{262}\ \Phi_{12}\ \Phi_6$
69471	1176	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{72}^{18}\ \Phi_{36}^{19}\ \Phi_{24}^{18}\ \Phi_{18}^{19}\ \Phi_{12}^{19}\ \Phi_9^{18}\ \Phi_6^{19}\ \Phi_3^{18}$
69472	1176	275	$\frac{3}{55}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{13}{55}$	$\Phi_{275}^5\ \Phi_{55}\ \Phi_{25}^6\ \Phi_{11}\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
69473	1176	1472	$\frac{1}{16}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{15}{64}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{23}\ \Phi_1^2$
69474	1176	2240	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{15}{64}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{35}$
69475	1176	104	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{5}{26}$	$\frac{3}{13}$	$\Phi_{104}^{13}\ \Phi_{52}^{13}\ \Phi_{26}^5\ \Phi_{13}^8\ \Phi_8^{12}\ \Phi_4^{12}\ \Phi_2^4\ \Phi_1^8$
69476	1176	369	$\frac{1}{9}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{2}{9}$	$\Phi_{369}^3\ \Phi_{123}^3\ \Phi_{41}^4\ \Phi_9^6\ \Phi_3^6\ \Phi_1^8$
69477	1176	504	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{9}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{56}^4\ \Phi_{42}^3\ \Phi_{28}^4\ \Phi_{14}^4$
69478	1176	1175	$\frac{131}{1175}$	$\frac{143}{1175}$	$\frac{174}{1175}$	$\frac{258}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
69479	1176	1352	$\frac{21}{169}$	$\frac{1}{8}$	$\frac{22}{169}$	$\frac{37}{169}$	$\Phi_{1352}\ \Phi_{676}\ \Phi_{338}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
69480	1176	1175	$\frac{146}{1175}$	$\frac{147}{1175}$	$\frac{153}{1175}$	$\frac{257}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
69481	1176	1379	$\frac{22}{197}$	$\frac{25}{197}$	$\frac{1}{7}$	$\frac{43}{197}$	Φ_{1379}
69482	1176	188	$\frac{5}{47}$	$\frac{6}{47}$	$\frac{7}{47}$	$\frac{41}{188}$	$\Phi_{188}^8\ \Phi_{94}^8\ \Phi_{47}\ \Phi_4^8\ \Phi_2^8\ \Phi_1^2$
69483	1176	1380	$\frac{1}{12}$	$\frac{3}{23}$	$\frac{11}{60}$	$\frac{5}{23}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{230}\ \Phi_{115}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
69484	1176	1242	$\frac{5}{54}$	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{5}{23}$	$\Phi_{1242}\ \Phi_{621}\ \Phi_{414}\ \Phi_{207}\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{23}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
69485	1176	184	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{3}{23}$	$\frac{5}{23}$	$\Phi_{184}^6\ \Phi_{92}^6\ \Phi_{46}^6\ \Phi_{23}^7\ \Phi_8^{12}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{14}$
69486	1176	1175	$\frac{132}{1175}$	$\frac{149}{1175}$	$\frac{171}{1175}$	$\frac{251}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
69487	1176	1352	$\frac{19}{169}$	$\frac{1}{8}$	$\frac{25}{169}$	$\frac{36}{169}$	$\Phi_{1352}\ \Phi_{676}\ \Phi_{338}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
69488	1176	75	$\frac{1}{15}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{75}^{20}\ \Phi_{25}^{16}\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
69489	1176	275	$\frac{4}{55}$	$\frac{4}{25}$	$\frac{51}{275}$	$\frac{1}{5}$	$\Phi_{275}^4\ \Phi_{55}^5\ \Phi_{25}^5\ \Phi_{11}^5\ \Phi_5^5\ \Phi_1^6$
69490	1176	420	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{60}$	$\frac{1}{5}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{70}^3\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_7^4$
69491	1176	1890	$\frac{5}{54}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{35}$
69492	1176	825	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{825}^2\ \Phi_{275}\ \Phi_{75}^2\ \Phi_{33}^2\ \Phi_{25}^2\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
69493	1176	275	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{275}^5\ \Phi_{55}\ \Phi_{25}^6\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
69494	1176	1800	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{150}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
69495	1176	1640	$\frac{5}{41}$	$\frac{1}{8}$	$\frac{6}{41}$	$\frac{1}{5}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{410}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
69496	1176	295	$\frac{36}{295}$	$\frac{37}{295}$	$\frac{43}{295}$	$\frac{1}{5}$	$\Phi_{295}^4\ \Phi_{59}^4\ \Phi_5^3\ \Phi_1^4$
69497	1176	280	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{35}^7$
69498	1176	235	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{39}{235}$	$\frac{8}{47}$	$\Phi_{235}^6\ \Phi_{47}\ \Phi_5^6\ \Phi_1^2$
69499	1177	1572	$\frac{2}{393}$	$\frac{395}{1572}$	$\frac{1}{3}$	$\frac{391}{786}$	$\Phi_{1572}\ \Phi_{524}\ \Phi_{393}\ \Phi_{131}\ \Phi_{12}\ \Phi_4\ \Phi_1$
69500	1177	2016	$\frac{1}{168}$	$\frac{169}{1008}$	$\frac{839}{2016}$	$\frac{167}{336}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{112}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
69501	1177	2340	$\frac{7}{1170}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1163}{2340}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{180}\ \Phi_{156}\ \Phi_{60}\ \Phi_{52}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
69502	1177	2336	$\frac{9}{1168}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1159}{2336}$	$\Phi_{2336}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
69503	1177	1060	$\frac{1}{106}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{105}{212}$	$\Phi_{530}^2\ \Phi_{265}^2\ \Phi_{212}\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{20}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
69504	1177	3180	$\frac{1}{106}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{105}{212}$	$\Phi_{3180}\ \Phi_{636}\ \Phi_{212}\ \Phi_{60}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
69505	1177	1416	$\frac{3}{236}$	$\frac{239}{1416}$	$\frac{1}{4}$	$\frac{233}{472}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{354}\ \Phi_{236}\ \Phi_{177}\ \Phi_{118}\ \Phi_{59}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
69506	1177	2320	$\frac{17}{1160}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1143}{2320}$	$\Phi_{2320}\ \Phi_{464}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
69507	1177	2240	$\frac{1}{56}$	$\frac{57}{1120}$	$\frac{1063}{2240}$	$\frac{55}{112}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{112}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
69508	1177	1680	$\frac{1}{56}$	$\frac{57}{560}$	$\frac{503}{1680}$	$\frac{55}{112}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
69509	1177	1344	$\frac{1}{56}$	$\frac{167}{1344}$	$\frac{57}{224}$	$\frac{55}{112}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
69510	1177	420	$\frac{2}{105}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{103}{210}$	$\Phi_{420}^{3}\ \Phi_{210}^{2}\ \Phi_{140}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{70}^{2}\ \Phi_{60}^{3}\ \Phi_{42}^{2}\ \Phi_{35}^{3}\ \Phi_{30}^{2}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
69511	1177	210	$\frac{2}{105}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{103}{210}$	$\Phi_{210}^{4}\ \Phi_{105}^{7}\ \Phi_{70}^{4}\ \Phi_{42}^{4}\ \Phi_{35}^{7}\ \Phi_{30}^{4}\ \Phi_{21}^{7}\ \Phi_{15}^{7}\ \Phi_{14}^{6}\ \Phi_{10}^{4}\ \Phi_{7}^{8}\ \Phi_{6}^{4}\ \Phi_{5}^{7}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
69512	1177	2304	$\frac{25}{1152}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{1127}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
69513	1177	2304	$\frac{25}{1152}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1127}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
69514	1177	2304	$\frac{25}{1152}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1127}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
69515	1177	144	$\frac{1}{36}$	$\frac{1}{12}$	$\frac{37}{144}$	$\frac{35}{72}$	$\Phi_{144}^{11}\ \Phi_{48}^{11}\ \Phi_{36}^{11}\ \Phi_{18}^{11}\ \Phi_{16}^{11}\ \Phi_{12}^{10}\ \Phi_{9}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
69516	1177	624	$\frac{3}{104}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{101}{208}$	$\Phi_{624}^{4}\ \Phi_{208}^{3}\ \Phi_{48}^{4}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
69517	1177	2268	$\frac{43}{1134}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{1091}{2268}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{324}\ \Phi_{252}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
69518	1177	1728	$\frac{1}{24}$	$\frac{25}{576}$	$\frac{551}{1728}$	$\frac{23}{48}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
69519	1177	1248	$\frac{1}{24}$	$\frac{71}{1248}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
69520	1177	1536	$\frac{1}{24}$	$\frac{25}{384}$	$\frac{359}{1536}$	$\frac{23}{48}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
69521	1177	1440	$\frac{1}{24}$	$\frac{25}{288}$	$\frac{263}{1440}$	$\frac{23}{48}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
69522	1177	1296	$\frac{1}{24}$	$\frac{119}{1296}$	$\frac{25}{144}$	$\frac{23}{48}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
69523	1177	1344	$\frac{1}{24}$	$\frac{167}{1344}$	$\frac{25}{192}$	$\frac{23}{48}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
69524	1177	204	$\frac{5}{102}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{97}{204}$	$\Phi_{204}^{5}\ \Phi_{102}^{6}\ \Phi_{68}^{5}\ \Phi_{51}^{6}\ \Phi_{34}^{6}\ \Phi_{17}^{6}\ \Phi_{12}^{10}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
69525	1177	1596	$\frac{1}{21}$	$\frac{20}{399}$	$\frac{419}{1596}$	$\frac{379}{798}$	$\Phi_{1596}\ \Phi_{532}\ \Phi_{399}\ \Phi_{228}\ \Phi_{133}\ \Phi_{84}\ \Phi_{76}\ \Phi_{57}\ \Phi_{28}\ \Phi_{19}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
69526	1177	2240	$\frac{57}{1120}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1063}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{70}\ \Phi_{64}\ \Phi_{35}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
69527	1177	1428	$\frac{13}{238}$	$\frac{1}{14}$	$\frac{251}{1428}$	$\frac{225}{476}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{204}\ \Phi_{119}\ \Phi_{102}\ \Phi_{84}\ \Phi_{51}\ \Phi_{42}\ \Phi_{34}\ \Phi_{21}\ \Phi_{17}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
69528	1177	1274	$\frac{6}{91}$	$\frac{97}{1274}$	$\frac{1}{7}$	$\frac{85}{182}$	$\Phi_{1274}\ \Phi_{637}\ \Phi_{98}\ \Phi_{91}\ \Phi_{49}\ \Phi_{13}\ \Phi_{1}$
69529	1177	2184	$\frac{6}{91}$	$\frac{85}{1092}$	$\frac{1}{7}$	$\frac{1007}{2184}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{168}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{24}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
69530	1177	396	$\frac{8}{99}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{91}{198}$	$\Phi_{396}^{3}\ \Phi_{198}^{2}\ \Phi_{132}^{3}\ \Phi_{99}^{3}\ \Phi_{66}^{2}\ \Phi_{44}^{3}\ \Phi_{36}^{6}\ \Phi_{33}^{3}\ \Phi_{22}^{2}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{11}^{3}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
69531	1177	120	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{13}{120}$	$\frac{11}{24}$	$\Phi_{120}^{11}\ \Phi_{60}^{11}\ \Phi_{40}^{11}\ \Phi_{30}^{11}\ \Phi_{20}^{11}\ \Phi_{15}^{11}\ \Phi_{12}^{10}\ \Phi_{10}^{11}\ \Phi_{6}^{10}\ \Phi_{5}^{11}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
69532	1177	2160	$\frac{1}{24}$	$\frac{97}{1080}$	$\frac{23}{120}$	$\frac{983}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
69533	1177	2160	$\frac{1}{12}$	$\frac{97}{1080}$	$\frac{11}{108}$	$\frac{983}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{108}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
69534	1177	196	$\frac{4}{49}$	$\frac{9}{98}$	$\frac{5}{49}$	$\frac{89}{196}$	$\Phi_{196}^{11}\ \Phi_{49}^{2}\ \Phi_{28}^{11}\ \Phi_{7}^{2}\ \Phi_{4}^{11}\ \Phi_{1}^{3}$
69535	1177	1440	$\frac{1}{24}$	$\frac{23}{240}$	$\frac{263}{1440}$	$\frac{217}{480}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
69536	1177	3180	$\frac{1}{53}$	$\frac{1}{10}$	$\frac{52}{159}$	$\frac{9}{20}$	$\Phi_{3180}\ \Phi_{636}\ \Phi_{159}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
69537	1177	220	$\frac{3}{110}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{220}^{4}\ \Phi_{110}^{7}\ \Phi_{55}^{7}\ \Phi_{44}^{4}\ \Phi_{22}^{7}\ \Phi_{20}^{3}\ \Phi_{11}^{7}\ \Phi_{10}^{5}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
69538	1177	1296	$\frac{1}{12}$	$\frac{119}{1296}$	$\frac{11}{108}$	$\frac{97}{216}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
69539	1177	192	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{85}{192}$	$\Phi_{192}^{11}\ \Phi_{64}^{11}\ \Phi_{12}^{10}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
69540	1177	1200	$\frac{23}{1200}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
69541	1177	2016	$\frac{1}{84}$	$\frac{169}{1008}$	$\frac{83}{252}$	$\frac{839}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{126}\ \Phi_{96}\ \Phi_{63}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
69542	1177	1260	$\frac{83}{1260}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{57}{140}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
69543	1177	180	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{17}{90}$	$\frac{73}{180}$	$\Phi_{180}^{5}\ \Phi_{90}^{6}\ \Phi_{60}^{5}\ \Phi_{45}^{6}\ \Phi_{36}^{11}\ \Phi_{30}^{6}\ \Phi_{20}^{5}\ \Phi_{18}^{11}\ \Phi_{15}^{6}\ \Phi_{12}^{10}\ \Phi_{10}^{6}\ \Phi_{9}^{11}\ \Phi_{6}^{10}\ \Phi_{5}^{6}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
69544	1177	1470	$\frac{1}{49}$	$\frac{48}{245}$	$\frac{293}{1470}$	$\frac{197}{490}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{294}\ \Phi_{245}\ \Phi_{210}\ \Phi_{147}\ \Phi_{105}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
69545	1177	1680	$\frac{1}{84}$	$\frac{83}{420}$	$\frac{503}{1680}$	$\frac{337}{840}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
69546	1177	1960	$\frac{1}{49}$	$\frac{48}{245}$	$\frac{197}{980}$	$\frac{783}{1960}$	$\Phi_{1960}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
69547	1177	1216	$\frac{39}{1216}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{16}\ \Phi_{1}$
69548	1177	108	$\frac{1}{108}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{108}^{11}\ \Phi_{54}^{11}\ \Phi_{36}^{11}\ \Phi_{27}^{11}\ \Phi_{18}^{10}\ \Phi_{12}^{11}\ \Phi_{9}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{11}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
69549	1177	1920	$\frac{1}{24}$	$\frac{23}{240}$	$\frac{217}{960}$	$\frac{743}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{240}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
69550	1177	1904	$\frac{13}{238}$	$\frac{1}{14}$	$\frac{225}{952}$	$\frac{727}{1904}$	$\Phi_{1904}\ \Phi_{272}\ \Phi_{238}\ \Phi_{119}\ \Phi_{112}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{1}$
69551	1177	1888	$\frac{3}{236}$	$\frac{233}{944}$	$\frac{1}{4}$	$\frac{711}{1888}$	$\Phi_{1888}\ \Phi_{236}\ \Phi_{118}\ \Phi_{59}\ \Phi_{32}\ \Phi_{1}$
69552	1177	432	$\frac{1}{108}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{432}^{4}\ \Phi_{144}^{4}\ \Phi_{108}^{3}\ \Phi_{54}^{3}\ \Phi_{48}^{4}\ \Phi_{36}^{3}\ \Phi_{27}^{3}\ \Phi_{18}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
69553	1177	336	$\frac{5}{112}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{112}^{3}\ \Phi_{84}^{4}\ \Phi_{56}^{3}\ \Phi_{48}^{4}\ \Phi_{42}^{4}\ \Phi_{28}^{3}\ \Phi_{21}^{4}\ \Phi_{16}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
69554	1177	1224	$\frac{47}{1224}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
69555	1177	1260	$\frac{1}{21}$	$\frac{83}{1260}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
69556	1177	324	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{26}{81}$	$\frac{55}{162}$	$\Phi_{324}^{3}\ \Phi_{162}^{2}\ \Phi_{108}^{6}\ \Phi_{81}^{3}\ \Phi_{54}^{5}\ \Phi_{36}^{6}\ \Phi_{27}^{5}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
69557	1177	1776	$\frac{7}{296}$	$\frac{1}{8}$	$\frac{289}{888}$	$\frac{599}{1776}$	$\Phi_{1776}\ \Phi_{592}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}\ \Phi_{48}\ \Phi_{37}\ \Phi_{16}\ \Phi_{1}$
69558	1177	1512	$\frac{1}{84}$	$\frac{335}{1512}$	$\frac{83}{252}$	$\frac{169}{504}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{63}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
69559	1177	1764	$\frac{1}{147}$	$\frac{146}{441}$	$\frac{587}{1764}$	$\frac{295}{882}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{441}\ \Phi_{252}\ \Phi_{196}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
69560	1177	1755	$\frac{7}{585}$	$\frac{2}{9}$	$\frac{578}{1755}$	$\frac{1}{3}$	$\Phi_{1755}\ \Phi_{351}\ \Phi_{135}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
69561	1177	1404	$\frac{7}{234}$	$\frac{227}{1404}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{156}\ \Phi_{108}\ \Phi_{54}\ \Phi_{52}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
69562	1177	1215	$\frac{38}{1215}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}\ \Phi_{81}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
69563	1177	117	$\frac{7}{117}$	$\frac{10}{117}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{117}^{10}\ \Phi_{39}^{10}\ \Phi_{13}^{10}\ \Phi_{9}^{11}\ \Phi_{3}^{10}\ \Phi_{1}^{11}$
69564	1177	1260	$\frac{83}{1260}$	$\frac{7}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
69565	1177	252	$\frac{1}{12}$	$\frac{2}{21}$	$\frac{19}{126}$	$\frac{1}{3}$	$\Phi_{252}^{6}\ \Phi_{126}^{5}\ \Phi_{84}^{3}\ \Phi_{63}^{5}\ \Phi_{42}^{2}\ \Phi_{36}^{6}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{18}^{5}\ \Phi_{14}^{2}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
69566	1177	120	$\frac{1}{12}$	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{120}^{11}\ \Phi_{60}^{8}\ \Phi_{40}^{11}\ \Phi_{30}^{8}\ \Phi_{24}^{11}\ \Phi_{20}^{8}\ \Phi_{15}^{9}\ \Phi_{12}^{10}\ \Phi_{10}^{8}\ \Phi_{8}^{11}\ \Phi_{6}^{10}\ \Phi_{5}^{9}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
69567	1177	795	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{52}{159}$	$\Phi_{795}\ \Phi_{265}^{2}\ \Phi_{159}^{2}\ \Phi_{53}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
69568	1177	1740	$\frac{17}{580}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{563}{1740}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
69569	1177	1728	$\frac{25}{576}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{551}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
69570	1177	1728	$\frac{25}{576}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{551}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
69571	1177	1701	$\frac{1}{21}$	$\frac{43}{567}$	$\frac{524}{1701}$	$\frac{20}{63}$	$\Phi_{1701}\ \Phi_{243}\ \Phi_{63}\ \Phi_{9}\ \Phi_{1}$
69572	1177	1323	$\frac{1}{21}$	$\frac{146}{1323}$	$\frac{43}{189}$	$\frac{20}{63}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{147}\ \Phi_{63}\ \Phi_{49}\ \Phi_{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
69573	1177	1512	$\frac{1}{21}$	$\frac{43}{378}$	$\frac{335}{1512}$	$\frac{20}{63}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
69574	1177	156	$\frac{3}{52}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{49}{156}$	$\Phi_{156}^{7}\ \Phi_{78}^{7}\ \Phi_{52}^{8}\ \Phi_{39}^{7}\ \Phi_{26}^{8}\ \Phi_{13}^{8}\ \Phi_{12}^{10}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
69575	1177	1365	$\frac{6}{91}$	$\frac{188}{1365}$	$\frac{1}{7}$	$\frac{85}{273}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}\ \Phi_{35}\ \Phi_{15}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}$
69576	1177	1440	$\frac{1}{12}$	$\frac{25}{288}$	$\frac{263}{1440}$	$\frac{11}{36}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
69577	1177	1296	$\frac{1}{12}$	$\frac{119}{1296}$	$\frac{25}{144}$	$\frac{11}{36}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
69578	1177	1680	$\frac{1}{14}$	$\frac{57}{560}$	$\frac{13}{70}$	$\frac{503}{1680}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
69579	1177	112	$\frac{5}{112}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{112}^{11}\ \Phi_{56}^{11}\ \Phi_{28}^{11}\ \Phi_{16}^{11}\ \Phi_{14}^{6}\ \Phi_{8}^{11}\ \Phi_{7}^{8}\ \Phi_{4}^{11}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
69580	1177	1638	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{85}{546}$	$\frac{461}{1638}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{234}\ \Phi_{126}\ \Phi_{117}\ \Phi_{91}\ \Phi_{63}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
69581	1177	1620	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{540}$	$\frac{443}{1620}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
69582	1177	147	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{40}{147}$	$\Phi_{147}^{11}\ \Phi_{49}^{2}\ \Phi_{21}^{11}\ \Phi_{7}^{2}\ \Phi_{3}^{11}\ \Phi_{1}^{3}$
69583	1177	1440	$\frac{1}{24}$	$\frac{263}{1440}$	$\frac{23}{120}$	$\frac{97}{360}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
69584	1177	1248	$\frac{71}{1248}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
69585	1177	144	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{144}$	$\Phi_{144}^{11}\ \Phi_{72}^{11}\ \Phi_{36}^{11}\ \Phi_{18}^{11}\ \Phi_{12}^{10}\ \Phi_{9}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
69586	1177	140	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{33}{140}$	$\Phi_{140}^{11}\ \Phi_{70}^{4}\ \Phi_{35}^{7}\ \Phi_{28}^{11}\ \Phi_{20}^{11}\ \Phi_{14}^{6}\ \Phi_{10}^{4}\ \Phi_{7}^{8}\ \Phi_{5}^{7}\ \Phi_{4}^{11}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
69587	1177	1536	$\frac{25}{384}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{359}{1536}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
69588	1177	1456	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{279}{1456}$	$\frac{85}{364}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{208}\ \Phi_{112}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
69589	1177	1280	$\frac{103}{1280}$	$\frac{1}{8}$	$\frac{25}{128}$	$\frac{7}{32}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
69590	1177	1440	$\frac{25}{288}$	$\frac{1}{8}$	$\frac{263}{1440}$	$\frac{7}{32}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
69591	1177	1344	$\frac{167}{1344}$	$\frac{1}{8}$	$\frac{25}{192}$	$\frac{7}{32}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
69592	1177	126	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{126}$	$\frac{3}{14}$	$\Phi_{126}^{11}\ \Phi_{63}^{11}\ \Phi_{42}^{4}\ \Phi_{21}^{7}\ \Phi_{18}^{11}\ \Phi_{14}^{6}\ \Phi_{9}^{11}\ \Phi_{7}^{8}\ \Phi_{6}^{4}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
69593	1177	1400	$\frac{1}{14}$	$\frac{223}{1400}$	$\frac{13}{70}$	$\frac{57}{280}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{200}\ \Phi_{175}\ \Phi_{100}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{25}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
69594	1178	1170	$\frac{4}{585}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{581}{1170}$	$\Phi_{1170}^{2}\ \Phi_{390}^{2}\ \Phi_{234}^{2}\ \Phi_{130}^{2}\ \Phi_{90}^{2}\ \Phi_{78}^{2}\ \Phi_{30}^{2}\ \Phi_{26}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
69595	1178	708	$\frac{1}{118}$	$\frac{119}{708}$	$\frac{1}{3}$	$\frac{117}{236}$	$\Phi_{708}\ \Phi_{354}^{2}\ \Phi_{236}^{2}\ \Phi_{177}^{2}\ \Phi_{118}^{2}\ \Phi_{59}^{2}\ \Phi_{12}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
69596	1178	1070	$\frac{1}{107}$	$\frac{54}{535}$	$\frac{481}{1070}$	$\frac{53}{107}$	$\Phi_{1070}^{2}\ \Phi_{214}^{2}\ \Phi_{107}\ \Phi_{10}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
69597	1178	1166	$\frac{6}{583}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{577}{1166}$	$\Phi_{1166}^{2}\ \Phi_{106}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
69598	1178	3480	$\frac{9}{580}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{571}{1160}$	$\Phi_{3480}\ \Phi_{696}\ \Phi_{120}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{6}$
69599	1178	2196	$\frac{1}{61}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{30}{61}$	$\Phi_{2196}\ \Phi_{732}\ \Phi_{244}\ \Phi_{61}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
69600	1178	1281	$\frac{1}{61}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{30}{61}$	$\Phi_{1281}\ \Phi_{427}\ \Phi_{61}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
69601	1178	1647	$\frac{1}{61}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{30}{61}$	$\Phi_{1647}\ \Phi_{61}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$
69602	1178	1464	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{30}{61}$	$\Phi_{1464}\ \Phi_{732}\ \Phi_{488}\ \Phi_{244}\ \Phi_{61}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
69603	1178	1155	$\frac{23}{1155}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{566}{1155}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}\ \Phi_{33}^{2}\ \Phi_{21}\ \Phi_{15}\ \Phi_{11}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
69604	1178	792	$\frac{5}{198}$	$\frac{1}{11}$	$\frac{203}{792}$	$\frac{193}{396}$	$\Phi_{792}^{2}\ \Phi_{264}^{2}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{2}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
69605	1178	2220	$\frac{1}{37}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{18}{37}$	$\Phi_{2220}\ \Phi_{740}\ \Phi_{444}\ \Phi_{148}\ \Phi_{60}^{2}\ \Phi_{37}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
69606	1178	1221	$\frac{1}{37}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{1221}\ \Phi_{407}\ \Phi_{37}\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_1^2$
69607	1178	1665	$\frac{1}{37}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{18}{37}$	$\Phi_{1665}\ \Phi_{333}\ \Phi_{45}^2\ \Phi_{37}\ \Phi_9^2\ \Phi_1^2$
69608	1178	1480	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{18}{37}$	$\Phi_{1480}\ \Phi_{740}\ \Phi_{296}\ \Phi_{148}\ \Phi_{40}^2\ \Phi_{37}\ \Phi_{20}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
69609	1178	1295	$\frac{1}{37}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{18}{37}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{37}\ \Phi_{35}^2\ \Phi_7^2\ \Phi_1^2$
69610	1178	1332	$\frac{1}{37}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{18}{37}$	$\Phi_{1332}\ \Phi_{666}\ \Phi_{444}\ \Phi_{333}\ \Phi_{148}\ \Phi_{37}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_4^2\ \Phi_1^2$
69611	1178	1144	$\frac{17}{572}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{555}{1144}$	$\Phi_{1144}^2\ \Phi_{104}^2\ \Phi_{88}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
69612	1178	60	$\frac{1}{30}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{60}^{19}\ \Phi_{30}^{21}\ \Phi_{20}^{18}\ \Phi_{15}^{21}\ \Phi_{12}^{19}\ \Phi_{10}^{20}\ \Phi_6^{21}\ \Phi_5^{20}\ \Phi_4^{18}\ \Phi_3^{20}\ \Phi_2^{20}\ \Phi_1^{20}$
69613	1178	420	$\frac{1}{21}$	$\frac{1}{20}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{42}\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{14}\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
69614	1178	1122	$\frac{28}{561}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{533}{1122}$	$\Phi_{1122}^2\ \Phi_{374}^2\ \Phi_{102}^2\ \Phi_{66}^2\ \Phi_{34}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
69615	1178	288	$\frac{1}{32}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{288}^4\ \Phi_{144}^4\ \Phi_{96}^5\ \Phi_{72}^4\ \Phi_{48}^5\ \Phi_{36}^2\ \Phi_{32}^4\ \Phi_{24}^5\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{12}^3\ \Phi_9^4\ \Phi_8^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
69616	1178	660	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{71}{660}$	$\frac{61}{132}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
69617	1178	416	$\frac{1}{32}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{416}^3\ \Phi_{208}^3\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{32}^2\ \Phi_{26}\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
69618	1178	1089	$\frac{89}{1089}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{500}{1089}$	$\Phi_{1089}\ \Phi_{363}\ \Phi_{121}\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
69619	1178	66	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{66}^{22}\ \Phi_{33}^{16}\ \Phi_{22}^{18}\ \Phi_{11}^{13}\ \Phi_6^{22}\ \Phi_3^{16}\ \Phi_2^{18}\ \Phi_1^{14}$
69620	1178	600	$\frac{11}{600}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69621	1178	2184	$\frac{1}{39}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{168}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
69622	1178	280	$\frac{1}{20}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{280}^8\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}^6\ \Phi_{40}^8\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}\ \Phi_8^6$
69623	1178	1062	$\frac{1}{59}$	$\frac{58}{531}$	$\frac{1}{3}$	$\frac{473}{1062}$	$\Phi_{1062}^2\ \Phi_{354}^2\ \Phi_{177}\ \Phi_{118}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_2^2$
69624	1178	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{180}^7\ \Phi_{90}^7\ \Phi_{60}^7\ \Phi_{45}^7\ \Phi_{36}^5\ \Phi_{30}^7\ \Phi_{20}^6\ \Phi_{18}^5\ \Phi_{15}^7\ \Phi_{12}^5\ \Phi_{10}^6\ \Phi_9^6\ \Phi_6^5\ \Phi_5^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
69625	1178	1056	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{61}{528}$	$\frac{467}{1056}$	$\Phi_{1056}^2\ \Phi_{352}^2\ \Phi_{96}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{32}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
69626	1178	140	$\frac{1}{20}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{140}^9\ \Phi_{70}^9\ \Phi_{35}^7\ \Phi_{28}^9\ \Phi_{20}^8\ \Phi_{14}^9\ \Phi_{10}^8\ \Phi_7^8\ \Phi_5^6\ \Phi_4^8\ \Phi_2^8\ \Phi_1^8$
69627	1178	540	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^3\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
69628	1178	33	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{33}^{36}\ \Phi_{11}^{35}\ \Phi_3^{36}\ \Phi_1^{36}$
69629	1178	2016	$\frac{1}{63}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
69630	1178	990	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{94}{495}$	$\frac{401}{990}$	$\Phi_{990}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
69631	1178	963	$\frac{1}{107}$	$\frac{215}{963}$	$\frac{106}{321}$	$\frac{374}{963}$	$\Phi_{963}\ \Phi_{321}^2\ \Phi_{107}\ \Phi_9\ \Phi_3^2\ \Phi_1^2$
69632	1178	616	$\frac{27}{616}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{616}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{88}^2\ \Phi_{77}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_7^2\ \Phi_2^2\ \Phi_1^2$
69633	1178	856	$\frac{1}{107}$	$\frac{53}{214}$	$\frac{267}{856}$	$\frac{161}{428}$	$\Phi_{856}^2\ \Phi_{214}^2\ \Phi_{107}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
69634	1178	2832	$\frac{1}{118}$	$\frac{117}{472}$	$\frac{1}{3}$	$\frac{355}{944}$	$\Phi_{2832}\ \Phi_{354}\ \Phi_{177}\ \Phi_{48}\ \Phi_6$
69635	1178	504	$\frac{1}{63}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^2\ \Phi_{252}^3\ \Phi_{168}^2\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^3\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69636	1178	630	$\frac{1}{63}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{630}^3\ \Phi_{315}\ \Phi_{210}^3\ \Phi_{126}^3\ \Phi_{105}\ \Phi_{90}^3\ \Phi_{70}^3\ \Phi_{45}\ \Phi_{42}^3\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
69637	1178	624	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{624}^3\ \Phi_{312}\ \Phi_{208}^3\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}^2\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
69638	1178	891	$\frac{10}{297}$	$\frac{1}{11}$	$\frac{287}{891}$	$\frac{302}{891}$	$\Phi_{891}\ \Phi_{297}^2\ \Phi_{99}^2\ \Phi_{81}\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
69639	1178	672	$\frac{1}{32}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_6$
69640	1178	660	$\frac{1}{20}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
69641	1178	708	$\frac{1}{59}$	$\frac{119}{708}$	$\frac{58}{177}$	$\frac{1}{3}$	$\Phi_{708}^2\ \Phi_{354}^2\ \Phi_{236}^2\ \Phi_{177}\ \Phi_{118}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
69642	1178	870	$\frac{9}{290}$	$\frac{1}{10}$	$\frac{281}{870}$	$\frac{1}{3}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}^2\ \Phi_{174}\ \Phi_{145}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{30}^2\ \Phi_{29}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69643	1178	180	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}\ \Phi_{45}^8\ \Phi_{36}^{10}\ \Phi_{30}\ \Phi_{18}^{10}\ \Phi_{15}\ \Phi_{12}\ \Phi_9^8\ \Phi_6$
69644	1178	864	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{96}\ \Phi_{54}^2\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
69645	1178	600	$\frac{11}{600}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
69646	1178	780	$\frac{4}{195}$	$\frac{1}{5}$	$\frac{191}{780}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
69647	1178	120	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{120}^{19}\ \Phi_{60}^{10}\ \Phi_{30}^{11}\ \Phi_{24}^{19}\ \Phi_{15}^{11}\ \Phi_{12}^{10}\ \Phi_6^{11}\ \Phi_3^{10}$
69648	1178	1440	$\frac{1}{32}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
69649	1178	96	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{96}^{13}\ \Phi_{48}^{13}\ \Phi_{32}^{12}\ \Phi_{24}^{11}\ \Phi_{16}^{12}\ \Phi_{12}^{11}\ \Phi_8^{10}\ \Phi_6^{13}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
69650	1178	420	$\frac{1}{20}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{105}^4\ \Phi_{84}^5\ \Phi_{60}\ \Phi_{42}^5\ \Phi_{30}\ \Phi_{21}^4\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
69651	1178	1950	$\frac{4}{65}$	$\frac{61}{650}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{390}\ \Phi_{150}\ \Phi_{78}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
69652	1178	630	$\frac{41}{630}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_2^2$
69653	1178	300	$\frac{1}{20}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{300}^5\ \Phi_{150}^5\ \Phi_{100}^5\ \Phi_{75}^4\ \Phi_{60}\ \Phi_{50}^5\ \Phi_{30}\ \Phi_{25}^4\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
69654	1178	180	$\frac{1}{20}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^5\ \Phi_{45}^8\ \Phi_{36}^6\ \Phi_{30}^5\ \Phi_{20}^4\ \Phi_{18}^6\ \Phi_{15}^5\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_9^6\ \Phi_6^5\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
69655	1178	858	$\frac{17}{286}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{269}{858}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{78}^2\ \Phi_{66}^2\ \Phi_{39}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
69656	1178	693	$\frac{1}{11}$	$\frac{23}{231}$	$\frac{104}{693}$	$\frac{10}{33}$	$\Phi_{693}^2\ \Phi_{231}\ \Phi_{99}^2\ \Phi_{77}\ \Phi_{63}^2\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{11}\ \Phi_9^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
69657	1178	660	$\frac{1}{11}$	$\frac{71}{660}$	$\frac{23}{165}$	$\frac{10}{33}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
69658	1178	1620	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{162}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
69659	1178	420	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}\ \Phi_{60}^4\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^4\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{15}^4\ \Phi_{14}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
69660	1178	792	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{61}{264}$	$\frac{203}{792}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{72}^2\ \Phi_{66}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
69661	1179	1040	$\frac{1}{130}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{129}{260}$	$\Phi_{1040}^2\ \Phi_{260}\ \Phi_{208}^2\ \Phi_{80}^2\ \Phi_{52}\ \Phi_{20}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
69662	1179	260	$\frac{1}{130}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{129}{260}$	$\Phi_{260}^5\ \Phi_{130}^4\ \Phi_{65}^4\ \Phi_{52}^5\ \Phi_{26}^4\ \Phi_{20}^5\ \Phi_{13}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
69663	1179	1290	$\frac{2}{129}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{127}{258}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{430}\ \Phi_{215}\ \Phi_{129}\ \Phi_{43}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
69664	1179	248	$\frac{1}{62}$	$\frac{7}{124}$	$\frac{117}{248}$	$\frac{61}{124}$	$\Phi_{248}^9\ \Phi_{124}\ \Phi_8^9\ \Phi_4\ \Phi_1$
69665	1179	496	$\frac{1}{62}$	$\frac{21}{124}$	$\frac{103}{496}$	$\frac{61}{124}$	$\Phi_{496}^3\ \Phi_{248}^3\ \Phi_{124}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
69666	1179	880	$\frac{1}{44}$	$\frac{1}{10}$	$\frac{45}{176}$	$\frac{43}{88}$	$\Phi_{880}^2\ \Phi_{220}^2\ \Phi_{176}\ \Phi_{110}^2\ \Phi_{80}^2\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
69667	1179	1280	$\frac{3}{128}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{125}{256}$	$\Phi_{1280}^2\ \Phi_{256}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
69668	1179	760	$\frac{1}{38}$	$\frac{13}{380}$	$\frac{367}{760}$	$\frac{37}{76}$	$\Phi_{760}^3\ \Phi_{152}^3\ \Phi_{76}\ \Phi_{40}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
69669	1179	1520	$\frac{1}{38}$	$\frac{39}{380}$	$\frac{341}{1520}$	$\frac{37}{76}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{304}\ \Phi_{152}\ \Phi_{80}\ \Phi_{76}\ \Phi_{40}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
69670	1179	152	$\frac{1}{38}$	$\frac{21}{152}$	$\frac{13}{76}$	$\frac{37}{76}$	$\Phi_{152}^9\ \Phi_{76}^7\ \Phi_{38}^6\ \Phi_{19}^6\ \Phi_8^9\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
69671	1179	760	$\frac{13}{380}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{367}{760}$	$\Phi_{760}^3\ \Phi_{152}^3\ \Phi_{40}^3\ \Phi_{19}^2\ \Phi_8^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
69672	1179	1260	$\frac{5}{126}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{121}{252}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{84}\ \Phi_{60}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
69673	1179	532	$\frac{6}{133}$	$\frac{1}{19}$	$\frac{139}{532}$	$\frac{127}{266}$	$\Phi_{532}^3\ \Phi_{133}^3\ \Phi_{76}^3\ \Phi_{28}^3\ \Phi_{19}^2\ \Phi_7^3\ \Phi_4^3\ \Phi_1^3$
69674	1179	248	$\frac{1}{31}$	$\frac{7}{124}$	$\frac{10}{31}$	$\frac{117}{248}$	$\Phi_{248}^9\ \Phi_{31}^2\ \Phi_8^9\ \Phi_1^3$
69675	1179	248	$\frac{7}{124}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{117}{248}$	$\Phi_{248}^9\ \Phi_{31}^2\ \Phi_8^9\ \Phi_1^3$
69676	1179	1612	$\frac{1}{31}$	$\frac{30}{403}$	$\frac{433}{1612}$	$\frac{373}{806}$	$\Phi_{1612}\ \Phi_{403}\ \Phi_{124}\ \Phi_{52}\ \Phi_{13}\ \Phi_4\ \Phi_1$
69677	1179	1210	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{111}{242}$	$\Phi_{1210}\ \Phi_{605}\ \Phi_{121}\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{22}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
69678	1179	720	$\frac{1}{12}$	$\frac{13}{144}$	$\frac{1}{10}$	$\frac{11}{24}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
69679	1179	240	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{109}{240}$	$\Phi_{240}^9\ \Phi_{80}^9\ \Phi_{60}^2\ \Phi_{48}^9\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{16}^9\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
69680	1179	152	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{21}{152}$	$\frac{17}{38}$	$\Phi_{152}^9\ \Phi_{76}^9\ \Phi_{19}^8\ \Phi_8^9\ \Phi_4^9\ \Phi_1^9$
69681	1179	2128	$\frac{1}{38}$	$\frac{115}{1064}$	$\frac{37}{152}$	$\frac{949}{2128}$	$\Phi_{2128}\ \Phi_{304}\ \Phi_{152}\ \Phi_{112}\ \Phi_{76}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
69682	1179	2128	$\frac{1}{19}$	$\frac{115}{1064}$	$\frac{18}{133}$	$\frac{949}{2128}$	$\Phi_{2128}\ \Phi_{304}\ \Phi_{133}\ \Phi_{112}\ \Phi_{16}\ \Phi_7\ \Phi_1$
69683	1179	3120	$\frac{1}{65}$	$\frac{1}{8}$	$\frac{64}{195}$	$\frac{7}{16}$	$\Phi_{3120}\ \Phi_{624}\ \Phi_{240}\ \Phi_{195}\ \Phi_{48}\ \Phi_{39}\ \Phi_{16}\ \Phi_{15}\ \Phi_3\ \Phi_1$
69684	1179	2160	$\frac{4}{135}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{135}\ \Phi_{48}\ \Phi_{45}\ \Phi_{27}\ \Phi_{16}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
69685	1179	624	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{25}{156}$	$\frac{7}{16}$	$\Phi_{624}^4\ \Phi_{208}^2\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}^4\ \Phi_{39}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
69686	1179	560	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{560}^4\ \Phi_{140}\ \Phi_{112}^4\ \Phi_{80}^2\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
69687	1179	2288	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2288}\ \Phi_{176}\ \Phi_{143}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
69688	1179	1330	$\frac{1}{19}$	$\frac{151}{1330}$	$\frac{18}{133}$	$\frac{115}{266}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{190}\ \Phi_{133}\ \Phi_{95}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
69689	1179	228	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{17}{114}$	$\frac{97}{228}$	$\Phi_{228}^9\ \Phi_{76}^9\ \Phi_{19}^8\ \Phi_{12}^9\ \Phi_4^9\ \Phi_1^9$
69690	1179	1984	$\frac{1}{62}$	$\frac{187}{992}$	$\frac{61}{248}$	$\frac{805}{1984}$	$\Phi_{1984}\ \Phi_{248}\ \Phi_{124}\ \Phi_{64}\ \Phi_8\ \Phi_4\ \Phi_1$
69691	1179	220	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{21}{110}$	$\frac{89}{220}$	$\Phi_{220}^9\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{44}^9\ \Phi_{22}\ \Phi_{20}^9\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_4^9\ \Phi_1$
69692	1179	496	$\frac{1}{62}$	$\frac{103}{496}$	$\frac{61}{248}$	$\frac{187}{496}$	$\Phi_{496}^2\ \Phi_{248}^3\ \Phi_{124}^3\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{16}^2\ \Phi_8^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
69693	1179	680	$\frac{5}{136}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{680}^2\ \Phi_{340}^2\ \Phi_{170}^2\ \Phi_{136}\ \Phi_{85}^2\ \Phi_{68}\ \Phi_{34}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
69694	1179	133	$\frac{2}{133}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{133}^9\ \Phi_{19}^8\ \Phi_7^9\ \Phi_1^9$
69695	1179	620	$\frac{1}{62}$	$\frac{61}{310}$	$\frac{83}{310}$	$\frac{227}{620}$	$\Phi_{620}^3\ \Phi_{310}\ \Phi_{155}\ \Phi_{124}^3\ \Phi_{20}^3\ \Phi_{10}\ \Phi_5\ \Phi_4^3\ \Phi_1$
69696	1179	403	$\frac{10}{403}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{403}^3\ \Phi_{31}^2\ \Phi_{13}^3\ \Phi_1^3$
69697	1179	608	$\frac{1}{38}$	$\frac{37}{304}$	$\frac{89}{304}$	$\frac{215}{608}$	$\Phi_{608}^3\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{32}^3\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
69698	1179	418	$\frac{1}{19}$	$\frac{25}{418}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{418}^3\ \Phi_{209}^3\ \Phi_{22}^3\ \Phi_{19}^2\ \Phi_{11}^3\ \Phi_1^3$
69699	1179	434	$\frac{1}{31}$	$\frac{41}{434}$	$\frac{10}{31}$	$\frac{21}{62}$	$\Phi_{434}^3\ \Phi_{217}^3\ \Phi_{31}^2\ \Phi_{14}^3\ \Phi_7^3\ \Phi_1^3$
69700	1179	990	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{32}{99}$	$\frac{67}{198}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{55}^2\ \Phi_{45}\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{22}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
69701	1179	780	$\frac{1}{65}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{64}{195}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{195}^3\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{60}^2\ \Phi_{39}^3\ \Phi_{30}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
69702	1179	186	$\frac{1}{31}$	$\frac{7}{62}$	$\frac{55}{186}$	$\frac{10}{31}$	$\Phi_{186}^9\ \Phi_{93}^9\ \Phi_{31}^2\ \Phi_6^9\ \Phi_3^9\ \Phi_1^3$
69703	1179	155	$\frac{1}{31}$	$\frac{24}{155}$	$\frac{7}{31}$	$\frac{10}{31}$	$\Phi_{155}^9\ \Phi_{31}^2\ \Phi_5^9\ \Phi_1^3$
69704	1179	496	$\frac{1}{31}$	$\frac{21}{124}$	$\frac{103}{496}$	$\frac{10}{31}$	$\Phi_{496}^3\ \Phi_{248}^3\ \Phi_{31}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_1^3$
69705	1179	960	$\frac{3}{64}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{61}{192}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{240}^2\ \Phi_{192}\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
69706	1179	190	$\frac{1}{19}$	$\frac{13}{190}$	$\frac{59}{190}$	$\frac{6}{19}$	$\Phi_{190}^6\ \Phi_{95}^6\ \Phi_{38}^6\ \Phi_{19}^8\ \Phi_{10}^6\ \Phi_5^6\ \Phi_2^6\ \Phi_1^9$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
69707	1179	475	$\frac{1}{19}$	$\frac{13}{95}$	$\frac{82}{475}$	$\frac{6}{19}$	$\Phi_{475}^{3}\ \Phi_{25}^{3}\ \Phi_{19}^{2}\ \Phi_{1}^{3}$
69708	1179	152	$\frac{1}{19}$	$\frac{21}{152}$	$\frac{13}{76}$	$\frac{6}{19}$	$\Phi_{152}^{9}\ \Phi_{76}^{6}\ \Phi_{38}^{6}\ \Phi_{19}^{8}\ \Phi_{8}^{9}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
69709	1179	171	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{40}{171}$	$\frac{17}{57}$	$\Phi_{171}^{9}\ \Phi_{19}^{8}\ \Phi_{9}^{9}\ \Phi_{1}^{9}$
69710	1179	186	$\frac{3}{31}$	$\frac{7}{62}$	$\frac{4}{31}$	$\frac{55}{186}$	$\Phi_{186}^{9}\ \Phi_{93}^{9}\ \Phi_{31}^{2}\ \Phi_{6}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{3}$
69711	1179	720	$\frac{13}{144}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{180}^{2}\ \Phi_{144}\ \Phi_{120}^{2}\ \Phi_{80}^{2}\ \Phi_{72}\ \Phi_{60}^{2}\ \Phi_{48}\ \Phi_{40}^{2}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
69712	1179	180	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{49}{180}$	$\Phi_{180}^{9}\ \Phi_{90}^{9}\ \Phi_{60}^{2}\ \Phi_{45}^{9}\ \Phi_{36}^{9}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{9}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}^{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
69713	1179	532	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{115}{532}$	$\frac{139}{532}$	$\Phi_{532}^{2}\ \Phi_{266}^{2}\ \Phi_{133}^{3}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{28}^{2}\ \Phi_{19}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
69714	1179	540	$\frac{4}{135}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{180}^{2}\ \Phi_{135}^{3}\ \Phi_{108}^{2}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{54}^{2}\ \Phi_{45}^{3}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{27}^{3}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
69715	1179	156	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{156}^{9}\ \Phi_{78}^{9}\ \Phi_{52}^{5}\ \Phi_{39}^{9}\ \Phi_{26}^{4}\ \Phi_{13}^{4}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{7}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
69716	1179	140	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^{9}\ \Phi_{70}^{9}\ \Phi_{35}^{9}\ \Phi_{28}^{9}\ \Phi_{20}^{5}\ \Phi_{14}^{9}\ \Phi_{10}^{4}\ \Phi_{7}^{9}\ \Phi_{5}^{4}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
69717	1179	572	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{572}^{2}\ \Phi_{286}^{2}\ \Phi_{143}^{3}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
69718	1179	720	$\frac{13}{144}$	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{180}^{2}\ \Phi_{144}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{72}\ \Phi_{60}^{2}\ \Phi_{48}\ \Phi_{45}^{2}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
69719	1179	160	$\frac{3}{32}$	$\frac{1}{10}$	$\frac{29}{160}$	$\frac{1}{4}$	$\Phi_{160}^{7}\ \Phi_{80}^{7}\ \Phi_{40}^{7}\ \Phi_{32}^{8}\ \Phi_{20}^{9}\ \Phi_{16}^{8}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
69720	1179	155	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{24}{155}$	$\frac{7}{31}$	$\Phi_{155}^{9}\ \Phi_{31}^{2}\ \Phi_{5}^{9}\ \Phi_{1}^{3}$
69721	1179	840	$\frac{1}{10}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{168}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{168}\ \Phi_{140}^{2}\ \Phi_{120}^{2}\ \Phi_{84}\ \Phi_{60}^{2}\ \Phi_{56}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
69722	1180	588	$\frac{1}{294}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{293}{588}$	$\Phi_{588}^{4}\ \Phi_{196}^{4}\ \Phi_{84}^{4}\ \Phi_{28}^{4}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
69723	1180	1880	$\frac{1}{235}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{117}{235}$	$\Phi_{1880}\ \Phi_{376}\ \Phi_{235}\ \Phi_{47}\ \Phi_{40}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
69724	1180	1182	$\frac{1}{197}$	$\frac{99}{394}$	$\frac{1}{3}$	$\frac{98}{197}$	$\Phi_{1182}^{2}\ \Phi_{591}\ \Phi_{6}^{2}$
69725	1180	524	$\frac{1}{131}$	$\frac{33}{262}$	$\frac{229}{524}$	$\frac{65}{131}$	$\Phi_{524}^{4}\ \Phi_{131}\ \Phi_{4}^{4}\ \Phi_{1}^{2}$
69726	1180	393	$\frac{1}{131}$	$\frac{98}{393}$	$\frac{33}{131}$	$\frac{65}{131}$	$\Phi_{393}^{4}\ \Phi_{131}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
69727	1180	117	$\frac{1}{117}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{58}{117}$	$\Phi_{117}^{10}\ \Phi_{39}^{10}\ \Phi_{13}^{10}\ \Phi_{9}^{11}\ \Phi_{3}^{11}\ \Phi_{1}^{12}$
69728	1180	234	$\frac{1}{117}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{58}{117}$	$\Phi_{234}^{6}\ \Phi_{117}^{4}\ \Phi_{78}^{6}\ \Phi_{39}^{4}\ \Phi_{26}^{6}\ \Phi_{18}^{6}\ \Phi_{13}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
69729	1180	1179	$\frac{11}{1179}$	$\frac{119}{1179}$	$\frac{530}{1179}$	$\frac{584}{1179}$	$\Phi_{1179}\ \Phi_{393}\ \Phi_{131}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
69730	1180	2920	$\frac{3}{292}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{289}{584}$	$\Phi_{2920}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
69731	1180	474	$\frac{1}{79}$	$\frac{1}{6}$	$\frac{20}{79}$	$\frac{39}{79}$	$\Phi_{474}^{3}\ \Phi_{237}^{3}\ \Phi_{158}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
69732	1180	1179	$\frac{17}{1179}$	$\frac{176}{1179}$	$\frac{299}{1179}$	$\frac{581}{1179}$	$\Phi_{1179}\ \Phi_{393}\ \Phi_{131}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
69733	1180	591	$\frac{3}{197}$	$\frac{20}{197}$	$\frac{1}{3}$	$\frac{97}{197}$	$\Phi_{591}^{3}\ \Phi_{3}^{2}$
69734	1180	1161	$\frac{19}{1161}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{571}{1161}$	$\Phi_{1161}\ \Phi_{387}\ \Phi_{129}\ \Phi_{43}\ \Phi_{27}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
69735	1180	2204	$\frac{1}{58}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{57}{116}$	$\Phi_{2204}\ \Phi_{116}^{2}\ \Phi_{76}\ \Phi_{19}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
69736	1180	3828	$\frac{1}{58}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{57}{116}$	$\Phi_{3828}\ \Phi_{132}\ \Phi_{33}$
69737	1180	2204	$\frac{1}{58}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{57}{116}$	$\Phi_{2204}\ \Phi_{116}^{2}\ \Phi_{76}\ \Phi_{19}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
69738	1180	1740	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{57}{116}$	$\Phi_{1740}^{2}\ \Phi_{580}\ \Phi_{60}^{2}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
69739	1180	396	$\frac{2}{99}$	$\frac{1}{9}$	$\frac{101}{396}$	$\frac{97}{198}$	$\Phi_{396}^{4}\ \Phi_{132}^{4}\ \Phi_{99}^{4}\ \Phi_{44}^{4}\ \Phi_{36}^{4}\ \Phi_{33}^{4}\ \Phi_{12}^{4}\ \Phi_{11}^{4}\ \Phi_{9}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
69740	1180	576	$\frac{7}{288}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{281}{576}$	$\Phi_{576}^{4}\ \Phi_{192}^{4}\ \Phi_{64}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
69741	1180	2880	$\frac{7}{288}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{281}{576}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{320}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
69742	1180	798	$\frac{2}{57}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{798}^{3}\ \Phi_{266}^{3}\ \Phi_{114}^{2}\ \Phi_{42}^{3}\ \Phi_{38}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
69743	1180	567	$\frac{23}{567}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{272}{567}$	$\Phi_{567}^2\ \Phi_{189}^2\ \Phi_{81}^2\ \Phi_{63}^2\ \Phi_{27}^4\ \Phi_{21}^2\ \Phi_9^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^4$
69744	1180	1680	$\frac{1}{21}$	$\frac{1}{20}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}$ $\Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
69745	1180	1653	$\frac{1}{29}$	$\frac{1}{19}$	$\frac{28}{87}$	$\frac{9}{19}$	$\Phi_{1653}\ \Phi_{87}^2\ \Phi_{57}\ \Phi_{19}\ \Phi_3^2\ \Phi_1^2$
69746	1180	336	$\frac{1}{21}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{336}^7\ \Phi_{112}^6\ \Phi_{84}\ \Phi_{48}^7\ \Phi_{42}\ \Phi_{28}\ \Phi_{16}^6\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
69747	1180	1232	$\frac{3}{56}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{53}{112}$	$\Phi_{1232}^2\ \Phi_{176}^2\ \Phi_{77}$
69748	1180	748	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{9}{68}$	$\frac{8}{17}$	$\Phi_{748}^2\ \Phi_{374}^2\ \Phi_{187}\ \Phi_{44}^2\ \Phi_{22}^2$
69749	1180	131	$\frac{9}{131}$	$\frac{13}{131}$	$\frac{14}{131}$	$\frac{61}{131}$	$\Phi_{131}^9\ \Phi_1^{10}$
69750	1180	2310	$\frac{1}{21}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{2310}\ \Phi_{770}\ \Phi_{462}\ \Phi_{330}\ \Phi_{210}\ \Phi_{154}\ \Phi_{105}\ \Phi_{70}\ \Phi_{66}\ \Phi_{42}\ \Phi_{35}$ $\Phi_{30}\ \Phi_{15}\ \Phi_{14}\ \Phi_6$
69751	1180	324	$\frac{2}{27}$	$\frac{29}{324}$	$\frac{1}{9}$	$\frac{25}{54}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{108}^4\ \Phi_{81}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
69752	1180	504	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{72}^2\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{36}^2\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^3$ $\Phi_{12}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69753	1180	1089	$\frac{8}{99}$	$\frac{91}{1089}$	$\frac{1}{9}$	$\frac{499}{1089}$	$\Phi_{1089}\ \Phi_{363}\ \Phi_{121}\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
69754	1180	756	$\frac{1}{21}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{756}^3\ \Phi_{252}^3\ \Phi_{108}^2\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{36}^2\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2$ $\Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69755	1180	108	$\frac{2}{27}$	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{49}{108}$	$\Phi_{108}^{20}\ \Phi_{36}^{20}\ \Phi_{27}^4\ \Phi_{12}^{20}\ \Phi_9^3\ \Phi_4^{20}\ \Phi_3^3\ \Phi_1^4$
69756	1180	180	$\frac{1}{60}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^8\ \Phi_{45}^6\ \Phi_{36}^6\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{18}^6\ \Phi_{15}^8\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_9^4\ \Phi_6^8$ $\Phi_5^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
69757	1180	234	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{19}{78}$	$\frac{4}{9}$	$\Phi_{234}^6\ \Phi_{117}^3\ \Phi_{78}^8\ \Phi_{39}^4\ \Phi_{26}^8\ \Phi_{18}^6\ \Phi_{13}^4\ \Phi_9^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
69758	1180	351	$\frac{5}{117}$	$\frac{1}{9}$	$\frac{56}{351}$	$\frac{4}{9}$	$\Phi_{351}^4\ \Phi_{117}^2\ \Phi_{39}^2\ \Phi_{27}^4\ \Phi_{13}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
69759	1180	63	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{63}^{20}\ \Phi_{21}^{20}\ \Phi_9^{11}\ \Phi_7^{20}\ \Phi_3^{11}\ \Phi_1^{12}$
69760	1180	585	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{117}\ \Phi_{65}^4\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
69761	1180	1520	$\frac{9}{304}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
69762	1180	2590	$\frac{1}{37}$	$\frac{36}{259}$	$\frac{1}{5}$	$\frac{223}{518}$	$\Phi_{2590}\ \Phi_{370}\ \Phi_{185}\ \Phi_{70}\ \Phi_{10}$
69763	1180	420	$\frac{1}{60}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^3\ \Phi_{60}^2\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{28}^3\ \Phi_{21}^3$ $\Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2$
69764	1180	693	$\frac{4}{63}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}^2\ \Phi_{77}\ \Phi_{33}^2$
69765	1180	1122	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{8}{51}$	$\frac{43}{102}$	$\Phi_{1122}^2\ \Phi_{374}^2\ \Phi_{187}\ \Phi_{66}^2\ \Phi_{22}^2$
69766	1180	2100	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}$ $\Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
69767	1180	131	$\frac{6}{131}$	$\frac{13}{131}$	$\frac{25}{131}$	$\frac{53}{131}$	$\Phi_{131}^9\ \Phi_1^{10}$
69768	1180	99	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{19}{99}$	$\frac{40}{99}$	$\Phi_{99}^{12}\ \Phi_{33}^{12}\ \Phi_{11}^{12}\ \Phi_9^{11}\ \Phi_3^{11}\ \Phi_1^{12}$
69769	1180	1179	$\frac{14}{1179}$	$\frac{233}{1179}$	$\frac{353}{1179}$	$\frac{473}{1179}$	$\Phi_{1179}\ \Phi_{393}\ \Phi_{131}\ \Phi_9\ \Phi_3\ \Phi_1^2$
69770	1180	591	$\frac{2}{197}$	$\frac{39}{197}$	$\frac{1}{3}$	$\frac{79}{197}$	$\Phi_{591}^3\ \Phi_3^2$
69771	1180	306	$\frac{11}{306}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{306}^4\ \Phi_{153}^4\ \Phi_{102}^4\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
69772	1180	672	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{672}^3\ \Phi_{224}^3\ \Phi_{96}^2\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{32}^2\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2$ $\Phi_3\ \Phi_2^2\ \Phi_1^2$
69773	1180	2856	$\frac{1}{119}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2856}\ \Phi_{408}\ \Phi_{357}\ \Phi_{168}\ \Phi_{51}\ \Phi_{21}$
69774	1180	1880	$\frac{3}{235}$	$\frac{58}{235}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1880}\ \Phi_{376}\ \Phi_{235}\ \Phi_{47}\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
69775	1180	120	$\frac{1}{60}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^{16}\ \Phi_{60}^4\ \Phi_{40}^{15}\ \Phi_{30}^4\ \Phi_{24}^{16}\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^{16}\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4$ $\Phi_3^4\ \Phi_2^4\ \Phi_1^4$
69776	1180	1128	$\frac{1}{47}$	$\frac{23}{141}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1128}^2\ \Phi_{376}\ \Phi_{141}^2\ \Phi_{47}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_3^2\ \Phi_1^2$
69777	1180	1344	$\frac{1}{21}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}$ $\Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
69778	1180	630	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{630}^3\ \Phi_{210}^3\ \Phi_{126}^3\ \Phi_{105}^3\ \Phi_{90}^2\ \Phi_{70}^3\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69779	1180	891	$\frac{8}{297}$	$\frac{1}{9}$	$\frac{289}{891}$	$\frac{301}{891}$	$\Phi_{891}\ \Phi_{297}^2\ \Phi_{99}^2\ \Phi_{81}\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
69780	1180	2220	$\frac{1}{74}$	$\frac{1}{5}$	$\frac{73}{222}$	$\frac{149}{444}$	$\Phi_{2220}\ \Phi_{740}\ \Phi_{370}\ \Phi_{185}\ \Phi_{60}\ \Phi_{20}\ \Phi_{10}$
69781	1180	297	$\frac{2}{297}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{297}^4\ \Phi_{99}^4\ \Phi_{33}^4\ \Phi_{27}^4\ \Phi_{11}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
69782	1180	441	$\frac{1}{147}$	$\frac{146}{441}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{441}^4\ \Phi_{63}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
69783	1180	1176	$\frac{1}{98}$	$\frac{97}{392}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}^2\ \Phi_{196}^2\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
69784	1180	147	$\frac{2}{147}$	$\frac{29}{147}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{147}^8\ \Phi_{49}^8\ \Phi_{21}^8\ \Phi_7^8\ \Phi_3^9\ \Phi_1^{10}$
69785	1180	60	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{60}^{20}\ \Phi_{30}^{20}\ \Phi_{20}^{20}\ \Phi_{15}^{20}\ \Phi_{12}^{20}\ \Phi_{10}^{20}\ \Phi_6^{16}\ \Phi_5^{20}\ \Phi_4^{20}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
69786	1180	903	$\frac{6}{301}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{903}\ \Phi_{301}^2\ \Phi_{129}\ \Phi_{43}^2\ \Phi_3\ \Phi_1^2$
69787	1180	1029	$\frac{1}{49}$	$\frac{48}{343}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1029}\ \Phi_{343}^2\ \Phi_3\ \Phi_1^2$
69788	1180	336	$\frac{1}{42}$	$\frac{41}{336}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{48}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
69789	1180	609	$\frac{19}{609}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{609}^2\ \Phi_{203}^2\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_3\ \Phi_1^2$
69790	1180	924	$\frac{13}{308}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
69791	1180	63	$\frac{1}{21}$	$\frac{4}{63}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{63}^{20}\ \Phi_{21}^{16}\ \Phi_9^{20}\ \Phi_7^{16}\ \Phi_3^{17}\ \Phi_1^{18}$
69792	1180	702	$\frac{2}{117}$	$\frac{1}{6}$	$\frac{115}{351}$	$\frac{1}{3}$	$\Phi_{702}^3\ \Phi_{351}^2\ \Phi_{54}^3\ \Phi_{27}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69793	1180	957	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{28}{87}$	$\frac{1}{3}$	$\Phi_{957}\ \Phi_{319}^2\ \Phi_{33}^2\ \Phi_{11}^2$
69794	1180	540	$\frac{1}{60}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{60}^2\ \Phi_{54}^3\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69795	1180	78	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{19}{78}$	$\frac{1}{3}$	$\Phi_{78}^{14}\ \Phi_{39}^{16}\ \Phi_{26}^{14}\ \Phi_{13}^{16}\ \Phi_6^{16}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
69796	1180	486	$\frac{7}{243}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{486}^3\ \Phi_{243}^2\ \Phi_{162}^3\ \Phi_{81}^2\ \Phi_{54}^3\ \Phi_{27}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69797	1180	546	$\frac{2}{39}$	$\frac{37}{273}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{546}^3\ \Phi_{273}^2\ \Phi_{182}^3\ \Phi_{91}^2\ \Phi_{42}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69798	1180	126	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{126}^{12}\ \Phi_{63}^8\ \Phi_{42}^{12}\ \Phi_{21}^8\ \Phi_{18}^6\ \Phi_{14}^{12}\ \Phi_9^4\ \Phi_7^8\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
69799	1180	390	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{390}^4\ \Phi_{195}^2\ \Phi_{130}^4\ \Phi_{78}^2\ \Phi_{65}^4\ \Phi_{39}\ \Phi_{30}^4\ \Phi_{26}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
69800	1180	1653	$\frac{1}{29}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{28}{87}$	$\Phi_{1653}\ \Phi_{87}^2\ \Phi_{57}\ \Phi_{19}\ \Phi_3^2\ \Phi_1^2$
69801	1180	870	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{28}{87}$	$\Phi_{870}^2\ \Phi_{435}\ \Phi_{290}^2\ \Phi_{145}^2\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
69802	1180	432	$\frac{7}{144}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{137}{432}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{108}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
69803	1180	2160	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{137}{432}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
69804	1180	1683	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{35}{153}$	$\frac{16}{51}$	$\Phi_{1683}\ \Phi_{187}\ \Phi_{99}$
69805	1180	84	$\frac{1}{21}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{84}^{14}\ \Phi_{42}^{14}\ \Phi_{28}^{15}\ \Phi_{21}^{13}\ \Phi_{14}^{15}\ \Phi_{12}^{14}\ \Phi_7^{14}\ \Phi_6^{14}\ \Phi_4^{14}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
69806	1180	924	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{84}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{231}^2\ \Phi_{132}^2\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{33}^2$
69807	1180	1560	$\frac{17}{312}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{65}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
69808	1180	324	$\frac{29}{324}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{81}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{108}^4\ \Phi_{81}^2\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_6^4\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
69809	1180	504	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{84}^3\ \Phi_{72}^2\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{36}^2\ \Phi_{28}^3\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69810	1180	81	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{22}{81}$	$\Phi_{81}^{20}\ \Phi_{27}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
69811	1180	474	$\frac{3}{79}$	$\frac{1}{6}$	$\frac{19}{79}$	$\frac{20}{79}$	$\Phi_{474}^3\ \Phi_{237}^3\ \Phi_{158}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
69812	1180	364	$\frac{3}{91}$	$\frac{69}{364}$	$\frac{22}{91}$	$\frac{1}{4}$	$\Phi_{364}^3\ \Phi_{182}^3\ \Phi_{91}^4\ \Phi_{52}^3\ \Phi_{28}^3\ \Phi_{26}^3\ \Phi_{14}^3\ \Phi_{13}^4\ \Phi_7^4\ \Phi_4^2\ \Phi_2^2\ \Phi_1^4$
69813	1180	1920	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{89}{384}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{320}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
69814	1180	324	$\frac{29}{324}$	$\frac{1}{9}$	$\frac{7}{36}$	$\frac{2}{9}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{108}^4\ \Phi_{81}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
69815	1180	72	$\frac{7}{72}$	$\frac{1}{9}$	$\frac{13}{72}$	$\frac{2}{9}$	$\Phi_{72}^{16}\ \Phi_{36}^{16}\ \Phi_{24}^{16}\ \Phi_{18}^{16}\ \Phi_{12}^{16}\ \Phi_9^{19}\ \Phi_8^{16}\ \Phi_6^{16}\ \Phi_4^{16}\ \Phi_3^{19}\ \Phi_2^{16}\ \Phi_1^{20}$
69816	1180	378	$\frac{1}{9}$	$\frac{23}{189}$	$\frac{4}{27}$	$\frac{83}{378}$	$\Phi_{378}^4\ \Phi_{189}^2\ \Phi_{126}^4\ \Phi_{63}^2\ \Phi_{54}^4\ \Phi_{42}^4\ \Phi_{27}^4\ \Phi_{21}^2\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^3\ \Phi_7^2\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
69817	1180	320	$\frac{5}{64}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{320}^5\ \Phi_{160}^4\ \Phi_{80}^4\ \Phi_{40}^5\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^4$
69818	1180	770	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{3}{14}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{110}^2\ \Phi_{77}\ \Phi_{55}^2$
69819	1180	370	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{1}{5}$	$\frac{15}{74}$	$\Phi_{370}^5\ \Phi_{185}^3\ \Phi_{10}^5\ \Phi_5^2$
69820	1180	360	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{13}{72}$	$\frac{1}{5}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{40}^5\ \Phi_{30}^4\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{10}^5\ \Phi_5^4$
69821	1180	1680	$\frac{41}{336}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{5}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
69822	1181	1888	$\frac{1}{236}$	$\frac{237}{944}$	$\frac{707}{1888}$	$\frac{235}{472}$	$\Phi_{1888}\ \Phi_{472}\ \Phi_{32}\ \Phi_8\ \Phi_1$
69823	1181	2352	$\frac{5}{1176}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1171}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{112}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
69824	1181	2340	$\frac{11}{1170}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1159}{2340}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{180}\ \Phi_{156}\ \Phi_{60}\ \Phi_{52}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
69825	1181	1580	$\frac{4}{395}$	$\frac{1}{5}$	$\frac{399}{1580}$	$\frac{391}{790}$	$\Phi_{1580}\ \Phi_{395}\ \Phi_{316}\ \Phi_{79}\ \Phi_{20}\ \Phi_4\ \Phi_1$
69826	1181	2336	$\frac{13}{1168}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1155}{2336}$	$\Phi_{2336}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
69827	1181	2320	$\frac{21}{1160}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{1139}{2320}$	$\Phi_{2320}\ \Phi_{464}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_8\ \Phi_1$
69828	1181	2304	$\frac{29}{1152}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1123}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
69829	1181	2280	$\frac{41}{1140}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{1099}{2280}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{152}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
69830	1181	1600	$\frac{19}{400}$	$\frac{1}{20}$	$\frac{419}{1600}$	$\frac{381}{800}$	$\Phi_{1600}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{64}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{16}\ \Phi_8\ \Phi_1$
69831	1181	1360	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{179}{1360}$	$\frac{161}{340}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{272}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{80}\ \Phi_{40}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_1$
69832	1181	2240	$\frac{1}{20}$	$\frac{61}{1120}$	$\frac{19}{80}$	$\frac{1059}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{16}\ \Phi_8\ \Phi_1$
69833	1181	2240	$\frac{61}{1120}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1059}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{70}\ \Phi_{64}\ \Phi_{35}\ \Phi_{14}\ \Phi_7\ \Phi_1$
69834	1181	2200	$\frac{1}{20}$	$\frac{81}{1100}$	$\frac{19}{100}$	$\frac{1019}{2200}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{200}\ \Phi_{100}\ \Phi_{88}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_8\ \Phi_1$
69835	1181	1440	$\frac{1}{20}$	$\frac{19}{240}$	$\frac{259}{1440}$	$\frac{221}{480}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
69836	1181	2160	$\frac{1}{20}$	$\frac{101}{1080}$	$\frac{19}{120}$	$\frac{979}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
69837	1181	1216	$\frac{35}{1216}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{16}\ \Phi_8\ \Phi_1$
69838	1181	2124	$\frac{1}{59}$	$\frac{119}{1062}$	$\frac{58}{177}$	$\frac{943}{2124}$	$\Phi_{2124}\ \Phi_{708}\ \Phi_{236}\ \Phi_{177}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
69839	1181	1260	$\frac{79}{1260}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{140}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
69840	1181	2072	$\frac{3}{148}$	$\frac{145}{1036}$	$\frac{1}{4}$	$\frac{891}{2072}$	$\Phi_{2072}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}\ \Phi_{56}\ \Phi_{37}\ \Phi_8\ \Phi_1$
69841	1181	1652	$\frac{1}{59}$	$\frac{58}{413}$	$\frac{471}{1652}$	$\frac{355}{826}$	$\Phi_{1652}\ \Phi_{413}\ \Phi_{236}\ \Phi_{28}\ \Phi_7\ \Phi_4\ \Phi_1$
69842	1181	2040	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{161}{1020}$	$\frac{859}{2040}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{170}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{40}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_8\ \Phi_1$
69843	1181	2000	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{181}{1000}$	$\frac{819}{2000}$	$\Phi_{2000}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{16}\ \Phi_8\ \Phi_1$
69844	1181	1920	$\frac{1}{20}$	$\frac{19}{240}$	$\frac{221}{960}$	$\frac{739}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{240}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
69845	1181	1280	$\frac{1}{20}$	$\frac{99}{1280}$	$\frac{19}{80}$	$\frac{61}{160}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{16}\ \Phi_8\ \Phi_1$
69846	1181	1568	$\frac{5}{392}$	$\frac{387}{1568}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{224}\ \Phi_{112}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
69847	1181	1200	$\frac{19}{1200}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
69848	1181	1344	$\frac{5}{168}$	$\frac{163}{1344}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{112}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
69849	1181	1232	$\frac{51}{1232}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{176}\ \Phi_{154}\ \Phi_{112}\ \Phi_{88}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
69850	1181	1200	$\frac{19}{1200}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
69851	1181	1800	$\frac{1}{20}$	$\frac{19}{300}$	$\frac{281}{900}$	$\frac{619}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
69852	1181	1416	$\frac{1}{59}$	$\frac{235}{1416}$	$\frac{58}{177}$	$\frac{119}{354}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{472}\ \Phi_{236}\ \Phi_{177}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
69853	1181	1776	$\frac{3}{296}$	$\frac{1}{4}$	$\frac{293}{888}$	$\frac{595}{1776}$	$\Phi_{1776}\ \Phi_{592}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}\ \Phi_{48}\ \Phi_{37}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
69854	1181	1593	$\frac{1}{59}$	$\frac{119}{531}$	$\frac{412}{1593}$	$\frac{58}{177}$	$\Phi_{1593}\ \Phi_{177}\ \Phi_{27}\ \Phi_{3}\ \Phi_{1}$
69855	1181	1755	$\frac{11}{585}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{574}{1755}$	$\Phi_{1755}\ \Phi_{351}\ \Phi_{135}\ \Phi_{27}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
69856	1181	1728	$\frac{29}{576}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{547}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
69857	1181	1530	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{349}{1530}$	$\frac{161}{510}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{306}\ \Phi_{170}\ \Phi_{153}\ \Phi_{90}\ \Phi_{85}\ \Phi_{45}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
69858	1181	1248	$\frac{67}{1248}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
69859	1181	1680	$\frac{1}{20}$	$\frac{61}{560}$	$\frac{19}{80}$	$\frac{499}{1680}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
69860	1181	1680	$\frac{1}{10}$	$\frac{61}{560}$	$\frac{9}{70}$	$\frac{499}{1680}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
69861	1181	1440	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{259}{1440}$	$\frac{101}{360}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
69862	1181	1215	$\frac{34}{1215}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}\ \Phi_{81}\ \Phi_{27}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
69863	1181	1560	$\frac{11}{390}$	$\frac{1}{5}$	$\frac{379}{1560}$	$\frac{4}{15}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{312}\ \Phi_{260}\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
69864	1181	1365	$\frac{11}{195}$	$\frac{184}{1365}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{105}\ \Phi_{91}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
69865	1181	1260	$\frac{79}{1260}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
69866	1181	1536	$\frac{29}{384}$	$\frac{3}{32}$	$\frac{355}{1536}$	$\frac{1}{4}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
69867	1181	1280	$\frac{99}{1280}$	$\frac{3}{32}$	$\frac{29}{128}$	$\frac{1}{4}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
69868	1181	1440	$\frac{3}{32}$	$\frac{29}{288}$	$\frac{259}{1440}$	$\frac{1}{4}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
69869	1181	1344	$\frac{3}{32}$	$\frac{163}{1344}$	$\frac{29}{192}$	$\frac{1}{4}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
69870	1181	1400	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{219}{1400}$	$\frac{61}{280}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{200}\ \Phi_{175}\ \Phi_{100}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{25}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
69871	1182	1960	$\frac{1}{196}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{195}{392}$	$\Phi_{1960}\ \Phi_{392}^2\ \Phi_{280}\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{1}^2$
69872	1182	1176	$\frac{1}{196}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{195}{392}$	$\Phi_{1176}^3\ \Phi_{168}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_{6}$
69873	1182	2730	$\frac{2}{195}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{193}{390}$	$\Phi_{2730}\ \Phi_{910}\ \Phi_{546}\ \Phi_{210}\ \Phi_{182}\ \Phi_{70}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
69874	1182	780	$\frac{2}{195}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{193}{390}$	$\Phi_{780}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
69875	1182	3504	$\frac{7}{584}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{577}{1168}$	$\Phi_{3504}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
69876	1182	948	$\frac{1}{79}$	$\frac{40}{237}$	$\frac{1}{4}$	$\frac{39}{79}$	$\Phi_{948}^2\ \Phi_{474}^2\ \Phi_{316}\ \Phi_{158}\ \Phi_{12}^2\ \Phi_{6}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
69877	1182	1848	$\frac{1}{66}$	$\frac{1}{7}$	$\frac{67}{264}$	$\frac{65}{132}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{462}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{77}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
69878	1182	384	$\frac{5}{192}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{187}{384}$	$\Phi_{384}^6\ \Phi_{128}^6\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
69879	1182	2688	$\frac{5}{192}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{187}{384}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
69880	1182	378	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{181}{378}$	$\Phi_{378}^6\ \Phi_{126}^6\ \Phi_{63}\ \Phi_{54}^6\ \Phi_{42}^6\ \Phi_{21}\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_6^6\ \Phi_2^6$
69881	1182	1540	$\frac{1}{22}$	$\frac{23}{220}$	$\frac{1}{7}$	$\frac{21}{44}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{154}\ \Phi_{140}\ \Phi_{77}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
69882	1182	2618	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{177}{374}$	$\Phi_{2618}\ \Phi_{238}\ \Phi_{154}\ \Phi_{77}\ \Phi_{14}$
69883	1182	1512	$\frac{1}{18}$	$\frac{19}{216}$	$\frac{1}{7}$	$\frac{17}{36}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
69884	1182	1824	$\frac{17}{608}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
69885	1182	1110	$\frac{1}{37}$	$\frac{12}{185}$	$\frac{1}{3}$	$\frac{173}{370}$	$\Phi_{1110}^3\ \Phi_{222}^3\ \Phi_{111}\ \Phi_{30}^3\ \Phi_6^3$
69886	1182	2520	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{1}{7}$	$\frac{163}{360}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{280}\ \Phi_{168}\ \Phi_{126}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
69887	1182	2464	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{1}{7}$	$\frac{155}{352}$	$\Phi_{2464}\ \Phi_{224}\ \Phi_{154}\ \Phi_{77}\ \Phi_{14}$
69888	1182	3108	$\frac{1}{74}$	$\frac{73}{518}$	$\frac{1}{3}$	$\frac{445}{1036}$	$\Phi_{3108}\ \Phi_{444}\ \Phi_{222}\ \Phi_{111}\ \Phi_{84}\ \Phi_{12}\ \Phi_6$
69889	1182	1428	$\frac{7}{204}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{238}\ \Phi_{119}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
69890	1182	2310	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{32}{165}$	$\frac{133}{330}$	$\Phi_{2310}\ \Phi_{770}\ \Phi_{462}\ \Phi_{231}\ \Phi_{210}\ \Phi_{154}\ \Phi_{77}\ \Phi_{70}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
69891	1182	1470	$\frac{1}{98}$	$\frac{1}{5}$	$\frac{97}{294}$	$\frac{2}{5}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{294}^2\ \Phi_{210}\ \Phi_{147}^2\ \Phi_{105}\ \Phi_{42}^2\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
69892	1182	200	$\frac{3}{200}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{200}^6\ \Phi_{100}^6\ \Phi_{50}^6\ \Phi_{40}^6\ \Phi_{25}^6\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_8^6\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
69893	1182	245	$\frac{1}{49}$	$\frac{48}{245}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{245}^5\ \Phi_{49}^4\ \Phi_{35}^5\ \Phi_7^4\ \Phi_5^6\ \Phi_1^6$
69894	1182	1015	$\frac{6}{203}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1015}\ \Phi_{203}^2\ \Phi_{145}\ \Phi_{29}^2\ \Phi_5\ \Phi_1^2$
69895	1182	1120	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}^2\ \Phi_{160}\ \Phi_{112}^2\ \Phi_{80}\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
69896	1182	210	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^5\ \Phi_{42}^6\ \Phi_{35}^5\ \Phi_{30}^6\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_7^4\ \Phi_6^6\ \Phi_5^6\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
69897	1182	316	$\frac{1}{79}$	$\frac{39}{158}$	$\frac{1}{4}$	$\frac{119}{316}$	$\Phi_{316}^3\ \Phi_{158}^5\ \Phi_{79}^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
69898	1182	888	$\frac{1}{148}$	$\frac{49}{148}$	$\frac{1}{3}$	$\frac{99}{296}$	$\Phi_{888}^3\ \Phi_{444}\ \Phi_{222}\ \Phi_{111}\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
69899	1182	588	$\frac{1}{98}$	$\frac{1}{4}$	$\frac{97}{294}$	$\frac{1}{3}$	$\Phi_{588}^2\ \Phi_{294}\ \Phi_{196}^4\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{84}^2\ \Phi_{49}^2\ \Phi_{42}\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69900	1182	222	$\frac{1}{37}$	$\frac{25}{222}$	$\frac{12}{37}$	$\frac{1}{3}$	$\Phi_{222}^6\ \Phi_{111}^4\ \Phi_{74}^6\ \Phi_{37}^6\ \Phi_6^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
69901	1182	288	$\frac{5}{96}$	$\frac{1}{16}$	$\frac{91}{288}$	$\frac{1}{3}$	$\Phi_{288}^6\ \Phi_{144}^6\ \Phi_{72}^6\ \Phi_{48}\ \Phi_{36}^6\ \Phi_{24}\ \Phi_{18}^6\ \Phi_{12}\ \Phi_9^6\ \Phi_6$
69902	1182	624	$\frac{11}{208}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{48}\ \Phi_{39}^3\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
69903	1182	600	$\frac{3}{200}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
69904	1182	2352	$\frac{3}{196}$	$\frac{193}{784}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{336}\ \Phi_{168}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
69905	1182	2940	$\frac{1}{49}$	$\frac{48}{245}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{420}\ \Phi_{210}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}\ \Phi_6$
69906	1182	2436	$\frac{6}{203}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{348}\ \Phi_{174}\ \Phi_{12}\ \Phi_6$
69907	1182	672	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{168}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
69908	1182	1848	$\frac{25}{616}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
69909	1182	420	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^2\ \Phi_{140}^4\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^4\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
69910	1182	1920	$\frac{1}{16}$	$\frac{49}{640}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
69911	1182	768	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{59}{256}$	$\frac{1}{3}$	$\Phi_{768}^3\ \Phi_{384}^3\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
69912	1182	2220	$\frac{1}{37}$	$\frac{36}{185}$	$\frac{149}{740}$	$\frac{1}{3}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{444}\ \Phi_{222}\ \Phi_{111}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
69913	1182	240	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{43}{240}$	$\frac{1}{3}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^6\ \Phi_{60}^6\ \Phi_{48}\ \Phi_{40}^6\ \Phi_{30}^6\ \Phi_{24}\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{12}\ \Phi_{10}^6\ \Phi_6\ \Phi_5^6$
69914	1182	1638	$\frac{2}{39}$	$\frac{1}{7}$	$\frac{37}{234}$	$\frac{1}{3}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{182}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
69915	1182	672	$\frac{1}{16}$	$\frac{27}{224}$	$\frac{5}{32}$	$\frac{1}{3}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{168}^3\ \Phi_{84}^3\ \Phi_{48}\ \Phi_{42}^3\ \Phi_{24}\ \Phi_{21}^3\ \Phi_{12}\ \Phi_6$
69916	1182	210	$\frac{13}{210}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{210}^6\ \Phi_{105}^5\ \Phi_{70}^6\ \Phi_{42}^6\ \Phi_{35}^5\ \Phi_{30}^6\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7^5\ \Phi_6^6\ \Phi_5^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
69917	1182	2340	$\frac{4}{195}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{191}{585}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{468}\ \Phi_{234}\ \Phi_{180}\ \Phi_{90}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}$
69918	1182	2016	$\frac{5}{96}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{91}{288}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
69919	1182	1512	$\frac{19}{216}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{27}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
69920	1182	1890	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{17}{90}$	$\frac{73}{270}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
69921	1182	1620	$\frac{11}{405}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{108}\ \Phi_{90}\ \Phi_{54}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}$
69922	1182	1848	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{21}{88}$	$\frac{67}{264}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{84}\ \Phi_{77}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
69923	1182	260	$\frac{2}{65}$	$\frac{1}{5}$	$\frac{63}{260}$	$\frac{1}{4}$	$\Phi_{260}^4\ \Phi_{130}^4\ \Phi_{65}^6\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{20}^5\ \Phi_{13}^6\ \Phi_{10}^5\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
69924	1182	1820	$\frac{4}{65}$	$\frac{61}{455}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{364}\ \Phi_{182}\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
69925	1182	420	$\frac{13}{210}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^4\ \Phi_{210}^2\ \Phi_{140}^4\ \Phi_{105}^2\ \Phi_{84}^4\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
69926	1182	252	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{7}$	$\frac{55}{252}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^6\ \Phi_{63}\ \Phi_{42}^6\ \Phi_{36}^6\ \Phi_{28}^6\ \Phi_{21}\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_2^6$
69927	1182	1512	$\frac{19}{216}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
69928	1182	1680	$\frac{5}{48}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{43}{240}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
69929	1183	336	$\frac{1}{168}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{167}{336}$	$\Phi_{336}^7\ \Phi_{112}^7\ \Phi_{48}^7\ \Phi_{16}^7\ \Phi_{12}\ \Phi_4\ \Phi_1$
69930	1183	1008	$\frac{1}{168}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{167}{336}$	$\Phi_{1008}^3\ \Phi_{336}\ \Phi_{144}^3\ \Phi_{112}\ \Phi_{48}\ \Phi_{16}\ \Phi_9\ \Phi_1$
69931	1183	1422	$\frac{2}{237}$	$\frac{239}{1422}$	$\frac{1}{3}$	$\frac{235}{474}$	$\Phi_{1422}\ \Phi_{711}\ \Phi_{237}\ \Phi_{79}\ \Phi_{18}\ \Phi_9\ \Phi_1$
69932	1183	360	$\frac{1}{90}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{89}{180}$	$\Phi_{360}^6\ \Phi_{180}\ \Phi_{120}^6\ \Phi_{72}^6\ \Phi_{60}\ \Phi_{40}^6\ \Phi_{36}\ \Phi_{24}^7\ \Phi_{20}\ \Phi_{12}\ \Phi_8^7\ \Phi_4\ \Phi_1$
69933	1183	180	$\frac{1}{90}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{89}{180}$	$\Phi_{180}^{13}\ \Phi_{60}^{13}\ \Phi_{36}^{13}\ \Phi_{20}^{13}\ \Phi_{15}\ \Phi_{12}^{13}\ \Phi_5\ \Phi_4^{13}\ \Phi_1$
69934	1183	180	$\frac{1}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{89}{180}$	$\Phi_{180}^{13}\ \Phi_{60}^{13}\ \Phi_{36}^{13}\ \Phi_{20}^{13}\ \Phi_{18}\ \Phi_{12}^{13}\ \Phi_9\ \Phi_4^{13}\ \Phi_1$
69935	1183	720	$\frac{1}{90}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{89}{180}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
69936	1183	1584	$\frac{5}{396}$	$\frac{1}{6}$	$\frac{401}{1584}$	$\frac{391}{792}$	$\Phi_{1584}\ \Phi_{528}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_1$
69937	1183	1320	$\frac{4}{165}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{161}{330}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}^2\ \Phi_{33}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
69938	1183	2304	$\frac{31}{1152}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1121}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
69939	1183	408	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{35}{204}$	$\frac{33}{68}$	$\Phi_{408}^4\ \Phi_{204}^3\ \Phi_{136}^2\ \Phi_{102}^3\ \Phi_{68}^2\ \Phi_{51}^3\ \Phi_{34}\ \Phi_{24}^4\ \Phi_{17}\ \Phi_{12}^3\ \Phi_8\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
69940	1183	1232	$\frac{3}{88}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{85}{176}$	$\Phi_{1232}^2\ \Phi_{176}\ \Phi_{112}^2\ \Phi_{28}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
69941	1183	1320	$\frac{5}{132}$	$\frac{137}{1320}$	$\frac{1}{6}$	$\frac{127}{264}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
69942	1183	324	$\frac{7}{162}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{155}{324}$	$\Phi_{324}^7\ \Phi_{108}^7\ \Phi_{54}\ \Phi_{36}^7\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}^7\ \Phi_9\ \Phi_4^7\ \Phi_1$
69943	1183	1296	$\frac{5}{108}$	$\frac{113}{1296}$	$\frac{1}{6}$	$\frac{103}{216}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
69944	1183	2244	$\frac{61}{1122}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1061}{2244}$	$\Phi_{2244}\ \Phi_{748}\ \Phi_{204}\ \Phi_{132}\ \Phi_{68}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
69945	1183	320	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{151}{320}$	$\Phi_{320}^{7}\,\Phi_{64}^{7}\,\Phi_{40}^{2}\,\Phi_{20}^{2}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
69946	1183	744	$\frac{2}{93}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{744}^{3}\,\Phi_{248}^{3}\,\Phi_{93}\,\Phi_{31}\,\Phi_{24}\,\Phi_{8}\,\Phi_{1}$
69947	1183	1080	$\frac{1}{45}$	$\frac{1}{12}$	$\frac{44}{135}$	$\frac{11}{24}$	$\Phi_{1080}^{3}\,\Phi_{216}^{3}\,\Phi_{135}\,\Phi_{27}\,\Phi_{24}\,\Phi_{8}\,\Phi_{1}$
69948	1183	120	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{29}{120}$	$\frac{11}{24}$	$\Phi_{120}^{7}\,\Phi_{60}^{13}\,\Phi_{40}^{7}\,\Phi_{30}^{12}\,\Phi_{24}^{8}\,\Phi_{20}^{13}\,\Phi_{15}^{12}\,\Phi_{12}^{13}\,\Phi_{10}^{12}\,\Phi_{8}^{8}\,\Phi_{6}^{12}\,\Phi_{5}^{12}\,\Phi_{4}^{13}\,\Phi_{3}^{12}\,\Phi_{2}^{12}\,\Phi_{1}^{13}$
69949	1183	2280	$\frac{4}{95}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{2280}\,\Phi_{760}\,\Phi_{456}\,\Phi_{152}\,\Phi_{95}\,\Phi_{24}\,\Phi_{19}\,\Phi_{8}\,\Phi_{1}$
69950	1183	96	$\frac{5}{96}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{96}^{13}\,\Phi_{48}^{13}\,\Phi_{32}^{13}\,\Phi_{24}^{8}\,\Phi_{16}^{13}\,\Phi_{12}^{13}\,\Phi_{8}^{8}\,\Phi_{6}^{12}\,\Phi_{4}^{13}\,\Phi_{3}^{12}\,\Phi_{2}^{12}\,\Phi_{1}^{13}$
69951	1183	216	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{17}{108}$	$\frac{11}{24}$	$\Phi_{216}^{12}\,\Phi_{108}\,\Phi_{72}^{6}\,\Phi_{54}\,\Phi_{36}\,\Phi_{27}\,\Phi_{24}^{7}\,\Phi_{12}\,\Phi_{8}^{7}\,\Phi_{4}\,\Phi_{1}$
69952	1183	120	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{11}{24}$	$\Phi_{120}^{18}\,\Phi_{40}^{18}\,\Phi_{24}^{19}\,\Phi_{15}^{6}\,\Phi_{8}^{19}\,\Phi_{5}^{6}\,\Phi_{3}^{6}\,\Phi_{1}^{7}$
69953	1183	168	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{168}^{6}\,\Phi_{84}^{8}\,\Phi_{56}^{8}\,\Phi_{42}^{8}\,\Phi_{28}^{10}\,\Phi_{24}^{3}\,\Phi_{21}^{8}\,\Phi_{14}^{9}\,\Phi_{12}^{4}\,\Phi_{8}^{4}\,\Phi_{7}^{9}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
69954	1183	792	$\frac{8}{99}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{24}$	$\Phi_{792}^{3}\,\Phi_{264}^{3}\,\Phi_{99}\,\Phi_{88}^{3}\,\Phi_{33}\,\Phi_{24}\,\Phi_{11}\,\Phi_{8}\,\Phi_{1}$
69955	1183	600	$\frac{1}{12}$	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{11}{24}$	$\Phi_{600}^{4}\,\Phi_{200}^{4}\,\Phi_{120}^{2}\,\Phi_{100}\,\Phi_{50}\,\Phi_{40}^{2}\,\Phi_{25}\,\Phi_{24}^{3}\,\Phi_{20}\,\Phi_{8}^{3}\,\Phi_{4}\,\Phi_{1}$
69956	1183	2160	$\frac{5}{108}$	$\frac{103}{1080}$	$\frac{1}{6}$	$\frac{977}{2160}$	$\Phi_{2160}\,\Phi_{720}\,\Phi_{432}\,\Phi_{240}\,\Phi_{144}\,\Phi_{108}\,\Phi_{80}\,\Phi_{54}\,\Phi_{48}\,\Phi_{36}\,\Phi_{27}\,\Phi_{18}\,\Phi_{16}\,\Phi_{12}\,\Phi_{9}\,\Phi_{4}\,\Phi_{1}$
69957	1183	360	$\frac{11}{180}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{360}^{4}\,\Phi_{180}^{3}\,\Phi_{120}^{4}\,\Phi_{90}^{3}\,\Phi_{72}^{4}\,\Phi_{60}^{3}\,\Phi_{45}^{3}\,\Phi_{40}^{2}\,\Phi_{36}^{3}\,\Phi_{30}^{3}\,\Phi_{24}^{4}\,\Phi_{20}^{2}\,\Phi_{18}^{3}\,\Phi_{15}^{3}\,\Phi_{12}^{3}\,\Phi_{10}\,\Phi_{9}^{3}\,\Phi_{8}\,\Phi_{6}^{3}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}^{3}\,\Phi_{1}$
69958	1183	1224	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{1}{8}$	$\frac{137}{306}$	$\Phi_{1224}\,\Phi_{612}\,\Phi_{408}\,\Phi_{204}\,\Phi_{153}\,\Phi_{136}^{2}\,\Phi_{72}\,\Phi_{68}^{2}\,\Phi_{51}\,\Phi_{36}\,\Phi_{34}\,\Phi_{24}\,\Phi_{17}\,\Phi_{12}\,\Phi_{9}\,\Phi_{8}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
69959	1183	2112	$\frac{5}{132}$	$\frac{127}{1056}$	$\frac{1}{6}$	$\frac{929}{2112}$	$\Phi_{2112}\,\Phi_{704}\,\Phi_{192}\,\Phi_{132}\,\Phi_{66}\,\Phi_{64}\,\Phi_{44}\,\Phi_{33}\,\Phi_{22}\,\Phi_{12}\,\Phi_{11}\,\Phi_{4}\,\Phi_{1}$
69960	1183	1200	$\frac{17}{1200}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1200}\,\Phi_{600}\,\Phi_{400}\,\Phi_{300}\,\Phi_{240}\,\Phi_{200}\,\Phi_{150}\,\Phi_{120}\,\Phi_{100}\,\Phi_{80}\,\Phi_{75}\,\Phi_{60}\,\Phi_{50}\,\Phi_{48}\,\Phi_{40}\,\Phi_{25}\,\Phi_{24}\,\Phi_{20}\,\Phi_{16}\,\Phi_{15}\,\Phi_{12}\,\Phi_{8}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
69961	1183	1224	$\frac{41}{1224}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{1224}\,\Phi_{612}\,\Phi_{408}\,\Phi_{306}\,\Phi_{204}\,\Phi_{153}\,\Phi_{136}\,\Phi_{102}\,\Phi_{68}\,\Phi_{51}\,\Phi_{36}\,\Phi_{34}\,\Phi_{18}\,\Phi_{17}\,\Phi_{12}\,\Phi_{9}\,\Phi_{4}\,\Phi_{1}$
69962	1183	684	$\frac{2}{171}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{684}^{3}\,\Phi_{228}^{3}\,\Phi_{171}\,\Phi_{76}^{3}\,\Phi_{57}\,\Phi_{36}^{3}\,\Phi_{19}\,\Phi_{12}\,\Phi_{9}\,\Phi_{4}\,\Phi_{1}$
69963	1183	252	$\frac{1}{84}$	$\frac{1}{6}$	$\frac{83}{252}$	$\frac{5}{12}$	$\Phi_{252}^{7}\,\Phi_{126}^{7}\,\Phi_{63}^{7}\,\Phi_{36}^{7}\,\Phi_{18}^{7}\,\Phi_{12}\,\Phi_{9}^{7}\,\Phi_{4}\,\Phi_{1}$
69964	1183	1200	$\frac{17}{1200}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1200}\,\Phi_{600}\,\Phi_{400}\,\Phi_{300}\,\Phi_{240}\,\Phi_{200}\,\Phi_{150}\,\Phi_{120}\,\Phi_{100}\,\Phi_{80}\,\Phi_{75}\,\Phi_{60}\,\Phi_{50}\,\Phi_{48}\,\Phi_{40}\,\Phi_{30}\,\Phi_{25}\,\Phi_{20}\,\Phi_{16}\,\Phi_{15}\,\Phi_{12}\,\Phi_{10}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
69965	1183	516	$\frac{3}{172}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{516}^{2}\,\Phi_{258}^{2}\,\Phi_{172}^{3}\,\Phi_{129}^{2}\,\Phi_{86}^{3}\,\Phi_{43}^{3}\,\Phi_{12}\,\Phi_{4}\,\Phi_{1}$
69966	1183	672	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{55}{224}$	$\frac{5}{12}$	$\Phi_{672}^{2}\,\Phi_{336}^{2}\,\Phi_{224}^{3}\,\Phi_{112}^{3}\,\Phi_{96}^{2}\,\Phi_{48}^{2}\,\Phi_{32}^{3}\,\Phi_{16}^{3}\,\Phi_{12}\,\Phi_{4}\,\Phi_{1}$
69967	1183	420	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{41}{210}$	$\frac{5}{12}$	$\Phi_{420}^{6}\,\Phi_{210}\,\Phi_{140}^{6}\,\Phi_{105}\,\Phi_{70}\,\Phi_{60}^{6}\,\Phi_{35}\,\Phi_{30}\,\Phi_{20}^{6}\,\Phi_{15}\,\Phi_{12}\,\Phi_{10}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
69968	1183	348	$\frac{5}{174}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{348}^{6}\,\Phi_{174}\,\Phi_{116}^{6}\,\Phi_{87}\,\Phi_{58}\,\Phi_{29}\,\Phi_{12}\,\Phi_{4}\,\Phi_{1}$
69969	1183	2100	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2100}\,\Phi_{700}\,\Phi_{420}\,\Phi_{300}\,\Phi_{175}\,\Phi_{140}\,\Phi_{100}\,\Phi_{60}\,\Phi_{35}\,\Phi_{25}\,\Phi_{20}\,\Phi_{12}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
69970	1183	588	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{588}^{2}\,\Phi_{294}^{2}\,\Phi_{196}^{3}\,\Phi_{147}^{2}\,\Phi_{98}^{3}\,\Phi_{49}^{3}\,\Phi_{12}\,\Phi_{4}\,\Phi_{1}$
69971	1183	528	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{528}^{2}\,\Phi_{264}^{2}\,\Phi_{176}^{3}\,\Phi_{132}^{2}\,\Phi_{88}^{3}\,\Phi_{66}^{2}\,\Phi_{48}^{2}\,\Phi_{44}^{3}\,\Phi_{33}^{2}\,\Phi_{22}^{3}\,\Phi_{16}^{3}\,\Phi_{12}\,\Phi_{11}^{3}\,\Phi_{4}\,\Phi_{1}$
69972	1183	192	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{192}^{7}\,\Phi_{96}^{7}\,\Phi_{64}^{7}\,\Phi_{48}^{7}\,\Phi_{32}^{7}\,\Phi_{16}^{7}\,\Phi_{12}\,\Phi_{4}\,\Phi_{1}$
69973	1183	756	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{756}^{3}\,\Phi_{252}^{3}\,\Phi_{189}\,\Phi_{108}^{3}\,\Phi_{63}\,\Phi_{36}^{3}\,\Phi_{27}\,\Phi_{12}\,\Phi_{9}\,\Phi_{4}\,\Phi_{1}$
69974	1183	180	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{180}^{7}\,\Phi_{90}^{7}\,\Phi_{60}^{7}\,\Phi_{45}^{7}\,\Phi_{36}^{7}\,\Phi_{30}^{7}\,\Phi_{20}^{7}\,\Phi_{18}^{7}\,\Phi_{15}^{7}\,\Phi_{12}\,\Phi_{10}^{7}\,\Phi_{9}^{7}\,\Phi_{5}^{7}\,\Phi_{4}\,\Phi_{1}$
69975	1183	84	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{84}^{24}\,\Phi_{28}^{24}\,\Phi_{14}^{12}\,\Phi_{12}^{25}\,\Phi_{7}^{12}\,\Phi_{4}^{25}\,\Phi_{2}^{12}\,\Phi_{1}^{13}$
69976	1183	1980	$\frac{5}{198}$	$\frac{1}{6}$	$\frac{193}{990}$	$\frac{797}{1980}$	$\Phi_{1980}\,\Phi_{660}\,\Phi_{396}\,\Phi_{220}\,\Phi_{198}\,\Phi_{180}\,\Phi_{132}\,\Phi_{99}\,\Phi_{66}\,\Phi_{60}\,\Phi_{44}\,\Phi_{36}\,\Phi_{33}\,\Phi_{22}\,\Phi_{20}\,\Phi_{18}\,\Phi_{12}\,\Phi_{11}\,\Phi_{9}\,\Phi_{4}\,\Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
69977	1183	272	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{33}{136}$	$\frac{103}{272}$	$\Phi_{272}^{7}\ \Phi_{136}^{2}\ \Phi_{68}^{2}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}^{7}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
69978	1183	1896	$\frac{2}{237}$	$\frac{235}{948}$	$\frac{1}{3}$	$\frac{713}{1896}$	$\Phi_{1896}\ \Phi_{632}\ \Phi_{237}\ \Phi_{79}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
69979	1183	672	$\frac{5}{96}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{224}^{2}\ \Phi_{168}^{2}\ \Phi_{112}^{2}\ \Phi_{96}\ \Phi_{84}^{2}\ \Phi_{48}\ \Phi_{42}^{2}\ \Phi_{32}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
69980	1183	966	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{322}^{2}\ \Phi_{161}^{2}\ \Phi_{69}\ \Phi_{46}\ \Phi_{42}\ \Phi_{23}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
69981	1183	171	$\frac{2}{171}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{171}^{7}\ \Phi_{57}^{7}\ \Phi_{19}^{7}\ \Phi_{9}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
69982	1183	465	$\frac{2}{93}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{465}^{3}\ \Phi_{155}^{3}\ \Phi_{93}\ \Phi_{31}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
69983	1183	252	$\frac{1}{84}$	$\frac{2}{9}$	$\frac{83}{252}$	$\frac{1}{3}$	$\Phi_{252}^{4}\ \Phi_{126}^{4}\ \Phi_{84}^{6}\ \Phi_{63}^{4}\ \Phi_{42}^{6}\ \Phi_{36}^{4}\ \Phi_{28}^{6}\ \Phi_{21}^{6}\ \Phi_{18}^{4}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{9}^{5}\ \Phi_{7}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
69984	1183	135	$\frac{1}{45}$	$\frac{2}{15}$	$\frac{44}{135}$	$\frac{1}{3}$	$\Phi_{135}^{13}\ \Phi_{27}^{13}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
69985	1183	1215	$\frac{32}{1215}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}\ \Phi_{81}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
69986	1183	237	$\frac{2}{79}$	$\frac{11}{79}$	$\frac{68}{237}$	$\frac{1}{3}$	$\Phi_{237}^{4}\ \Phi_{79}^{7}\ \Phi_{3}^{3}\ \Phi_{1}^{7}$
69987	1183	558	$\frac{2}{93}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{558}^{3}\ \Phi_{279}^{3}\ \Phi_{93}\ \Phi_{31}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
69988	1183	1548	$\frac{3}{172}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1548}\ \Phi_{774}\ \Phi_{387}\ \Phi_{172}\ \Phi_{86}\ \Phi_{43}\ \Phi_{9}\ \Phi_{1}$
69989	1183	1488	$\frac{2}{93}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}\ \Phi_{248}\ \Phi_{93}\ \Phi_{31}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
69990	1183	2016	$\frac{1}{56}$	$\frac{2}{9}$	$\frac{55}{224}$	$\frac{1}{3}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{32}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
69991	1183	120	$\frac{1}{30}$	$\frac{2}{15}$	$\frac{29}{120}$	$\frac{1}{3}$	$\Phi_{120}^{13}\ \Phi_{60}^{13}\ \Phi_{40}^{13}\ \Phi_{24}^{13}\ \Phi_{20}^{13}\ \Phi_{15}\ \Phi_{12}^{13}\ \Phi_{8}^{13}\ \Phi_{5}\ \Phi_{4}^{13}\ \Phi_{1}$
69992	1183	630	$\frac{1}{42}$	$\frac{41}{210}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}\ \Phi_{105}\ \Phi_{90}^{3}\ \Phi_{70}\ \Phi_{45}^{3}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
69993	1183	522	$\frac{5}{174}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{522}^{3}\ \Phi_{261}^{3}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}\ \Phi_{29}\ \Phi_{9}\ \Phi_{1}$
69994	1183	1575	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1575}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{45}\ \Phi_{35}\ \Phi_{25}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
69995	1183	1764	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{441}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{9}\ \Phi_{1}$
69996	1183	1584	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
69997	1183	576	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{576}^{3}\ \Phi_{288}^{3}\ \Phi_{192}\ \Phi_{144}^{3}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
69998	1183	189	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{189}^{7}\ \Phi_{63}^{4}\ \Phi_{27}^{7}\ \Phi_{21}^{6}\ \Phi_{9}^{5}\ \Phi_{7}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
69999	1183	180	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^{7}\ \Phi_{90}^{7}\ \Phi_{60}^{7}\ \Phi_{45}^{7}\ \Phi_{36}^{4}\ \Phi_{30}^{7}\ \Phi_{20}^{7}\ \Phi_{18}^{4}\ \Phi_{15}^{7}\ \Phi_{12}^{6}\ \Phi_{10}^{7}\ \Phi_{9}^{5}\ \Phi_{6}^{6}\ \Phi_{5}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
70000	1183	126	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{126}^{12}\ \Phi_{63}^{12}\ \Phi_{18}^{12}\ \Phi_{14}^{12}\ \Phi_{9}^{13}\ \Phi_{7}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
70001	1183	285	$\frac{4}{95}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{285}^{4}\ \Phi_{95}^{5}\ \Phi_{57}^{4}\ \Phi_{19}^{5}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
70002	1183	480	$\frac{5}{96}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{3}\ \Phi_{120}^{3}\ \Phi_{96}\ \Phi_{80}^{3}\ \Phi_{60}^{3}\ \Phi_{48}\ \Phi_{40}^{3}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}^{3}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
70003	1183	540	$\frac{1}{18}$	$\frac{2}{15}$	$\frac{17}{108}$	$\frac{1}{3}$	$\Phi_{540}^{3}\ \Phi_{270}^{3}\ \Phi_{180}^{3}\ \Phi_{135}^{3}\ \Phi_{108}\ \Phi_{60}^{3}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}^{3}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
70004	1183	180	$\frac{11}{180}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{180}^{7}\ \Phi_{90}^{6}\ \Phi_{60}^{7}\ \Phi_{45}^{6}\ \Phi_{36}^{7}\ \Phi_{30}^{6}\ \Phi_{20}^{7}\ \Phi_{18}^{6}\ \Phi_{15}^{7}\ \Phi_{12}^{7}\ \Phi_{10}^{6}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{7}\ \Phi_{4}^{7}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
70005	1183	15	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{15}^{79}\ \Phi_{5}^{79}\ \Phi_{3}^{78}\ \Phi_{1}^{79}$
70006	1183	840	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}\ \Phi_{140}^{2}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}^{2}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
70007	1183	495	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{495}^{3}\ \Phi_{165}^{3}\ \Phi_{99}\ \Phi_{55}^{3}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}$
70008	1183	300	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{100}^{5}\ \Phi_{75}^{4}\ \Phi_{60}^{4}\ \Phi_{50}^{5}\ \Phi_{25}^{5}\ \Phi_{20}^{5}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{5}\ \Phi_{4}^{5}\ \Phi_{1}$
70009	1183	270	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{44}{135}$	$\Phi_{270}^{6}\ \Phi_{135}^{7}\ \Phi_{54}^{6}\ \Phi_{27}^{7}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
70010	1183	2160	$\frac{1}{45}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{44}{135}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{432}\ \Phi_{216}\ \Phi_{135}\ \Phi_{27}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
70011	1183	1728	$\frac{31}{576}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{545}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
70012	1183	408	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{35}{204}$	$\frac{16}{51}$	$\Phi_{408}^{3}\ \Phi_{204}^{2}\ \Phi_{136}^{4}\ \Phi_{102}^{2}\ \Phi_{68}^{3}\ \Phi_{51}^{3}\ \Phi_{34}^{3}\ \Phi_{24}^{3}\ \Phi_{17}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
70013	1183	924	$\frac{3}{44}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{231}^{2}\ \Phi_{132}\ \Phi_{84}^{2}\ \Phi_{66}\ \Phi_{42}^{2}\ \Phi_{33}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
70014	1183	1296	$\frac{113}{1296}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{162}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
70015	1183	240	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{71}{240}$	$\Phi_{240}^{7}\ \Phi_{120}^{7}\ \Phi_{60}^{7}\ \Phi_{48}^{7}\ \Phi_{40}^{2}\ \Phi_{30}^{7}\ \Phi_{24}^{7}\ \Phi_{20}^{2}\ \Phi_{15}^{7}\ \Phi_{12}^{7}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}^{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^{7}\ \Phi_{1}$
70016	1183	360	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{29}{120}$	$\frac{5}{18}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}\ \Phi_{72}^{6}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}^{6}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
70017	1183	1710	$\frac{4}{95}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{342}\ \Phi_{171}\ \Phi_{95}\ \Phi_{19}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
70018	1183	288	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{288}^{6}\ \Phi_{144}^{6}\ \Phi_{96}\ \Phi_{72}^{6}\ \Phi_{48}\ \Phi_{36}^{6}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
70019	1183	108	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{108}^{13}\ \Phi_{54}^{13}\ \Phi_{36}^{13}\ \Phi_{27}^{13}\ \Phi_{18}\ \Phi_{12}^{13}\ \Phi_{9}\ \Phi_{4}^{13}\ \Phi_{1}$
70020	1183	180	$\frac{11}{180}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{180}^{7}\ \Phi_{90}^{6}\ \Phi_{60}^{7}\ \Phi_{45}^{6}\ \Phi_{36}^{7}\ \Phi_{30}^{6}\ \Phi_{20}^{7}\ \Phi_{18}^{7}\ \Phi_{15}^{6}\ \Phi_{12}^{7}\ \Phi_{10}^{6}\ \Phi_{9}^{7}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{7}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
70021	1183	90	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{90}^{18}\ \Phi_{45}^{18}\ \Phi_{18}^{19}\ \Phi_{15}^{6}\ \Phi_{9}^{19}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
70022	1183	504	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{126}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{56}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
70023	1183	198	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{198}^{6}\ \Phi_{99}^{7}\ \Phi_{66}^{6}\ \Phi_{33}^{7}\ \Phi_{22}^{6}\ \Phi_{18}\ \Phi_{11}^{7}\ \Phi_{9}\ \Phi_{1}$
70024	1183	900	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{225}^{2}\ \Phi_{180}^{2}\ \Phi_{100}\ \Phi_{50}\ \Phi_{36}^{2}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
70025	1183	1620	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{103}{540}$	$\frac{437}{1620}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
70026	1183	360	$\frac{11}{180}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{360}^{4}\ \Phi_{180}^{3}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{72}^{4}\ \Phi_{60}^{2}\ \Phi_{45}^{3}\ \Phi_{40}^{4}\ \Phi_{36}^{3}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{18}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{3}\ \Phi_{1}^{3}$
70027	1183	1584	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{127}{528}$	$\frac{401}{1584}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
70028	1183	240	$\frac{1}{30}$	$\frac{3}{16}$	$\frac{29}{120}$	$\frac{1}{4}$	$\Phi_{240}^{6}\ \Phi_{120}^{3}\ \Phi_{80}^{6}\ \Phi_{60}^{5}\ \Phi_{48}^{6}\ \Phi_{40}^{3}\ \Phi_{30}^{4}\ \Phi_{24}^{3}\ \Phi_{20}^{5}\ \Phi_{16}^{7}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
70029	1183	1520	$\frac{4}{95}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{304}\ \Phi_{152}\ \Phi_{95}\ \Phi_{19}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
70030	1183	96	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{96}^{13}\ \Phi_{48}^{11}\ \Phi_{32}^{13}\ \Phi_{24}^{11}\ \Phi_{16}^{12}\ \Phi_{12}^{13}\ \Phi_{8}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{13}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
70031	1183	432	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{432}^{4}\ \Phi_{216}^{4}\ \Phi_{144}^{2}\ \Phi_{108}\ \Phi_{72}^{2}\ \Phi_{54}\ \Phi_{48}^{2}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}^{2}\ \Phi_{16}^{3}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
70032	1183	240	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{240}^{6}\ \Phi_{120}^{6}\ \Phi_{80}^{6}\ \Phi_{48}^{6}\ \Phi_{40}^{6}\ \Phi_{24}^{6}\ \Phi_{16}^{7}\ \Phi_{15}^{6}\ \Phi_{8}^{7}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
70033	1183	112	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{112}^{14}\ \Phi_{56}^{8}\ \Phi_{28}^{10}\ \Phi_{16}^{7}\ \Phi_{14}^{9}\ \Phi_{8}^{4}\ \Phi_{7}^{9}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
70034	1183	1584	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{99}\ \Phi_{88}\ \Phi_{33}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
70035	1183	400	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{400}^{4}\ \Phi_{200}^{4}\ \Phi_{100}\ \Phi_{80}^{2}\ \Phi_{50}\ \Phi_{40}^{2}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
70036	1183	440	$\frac{4}{55}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{51}{220}$	$\Phi_{440}^{3}\ \Phi_{220}^{2}\ \Phi_{110}^{2}\ \Phi_{88}^{3}\ \Phi_{55}^{3}\ \Phi_{44}^{2}\ \Phi_{40}^{4}\ \Phi_{22}^{2}\ \Phi_{20}^{3}\ \Phi_{11}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
70037	1183	200	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{31}{200}$	$\frac{9}{40}$	$\Phi_{200}^{7}\ \Phi_{100}^{7}\ \Phi_{50}^{7}\ \Phi_{40}^{2}\ \Phi_{25}^{7}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
70038	1183	216	$\frac{5}{54}$	$\frac{7}{54}$	$\frac{1}{6}$	$\frac{47}{216}$	$\Phi_{216}^{7}\ \Phi_{108}^{7}\ \Phi_{72}^{7}\ \Phi_{54}\ \Phi_{36}^{7}\ \Phi_{27}\ \Phi_{24}^{7}\ \Phi_{18}\ \Phi_{12}^{7}\ \Phi_{9}\ \Phi_{8}^{7}\ \Phi_{4}^{7}\ \Phi_{1}$
70039	1183	1296	$\frac{113}{1296}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{144}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
70040	1183	1440	$\frac{31}{288}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{257}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
70041	1184	885	$\frac{1}{295}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{147}{295}$	$\Phi_{885}\ \Phi_{295}^{2}\ \Phi_{177}\ \Phi_{59}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
70042	1184	1183	$\frac{5}{1183}$	$\frac{297}{1183}$	$\frac{443}{1183}$	$\frac{589}{1183}$	$\Phi_{1183}\ \Phi_{169}\ \Phi_{91}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}^{2}$
70043	1184	1779	$\frac{3}{593}$	$\frac{149}{593}$	$\frac{1}{3}$	$\frac{295}{593}$	Φ_{1779}
70044	1184	507	$\frac{1}{169}$	$\frac{85}{507}$	$\frac{211}{507}$	$\frac{84}{169}$	$\Phi_{507}^{2}\ \Phi_{169}^{3}\ \Phi_{39}^{2}\ \Phi_{13}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
70045	1184	147	$\frac{1}{147}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{73}{147}$	$\Phi_{147}^{8}\ \Phi_{49}^{8}\ \Phi_{21}^{8}\ \Phi_{7}^{9}\ \Phi_{3}^{8}\ \Phi_{1}^{10}$
70046	1184	735	$\frac{1}{147}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{73}{147}$	$\Phi_{735}^{2}\ \Phi_{245}^{2}\ \Phi_{105}^{2}\ \Phi_{35}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
70047	1184	1183	$\frac{9}{1183}$	$\frac{149}{1183}$	$\frac{517}{1183}$	$\frac{587}{1183}$	$\Phi_{1183}\ \Phi_{169}\ \Phi_{91}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}^{2}$
70048	1184	495	$\frac{1}{99}$	$\frac{1}{5}$	$\frac{25}{99}$	$\frac{49}{99}$	$\Phi_{495}^{3}\ \Phi_{165}^{3}\ \Phi_{55}^{3}\ \Phi_{45}^{3}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
70049	1184	273	$\frac{1}{91}$	$\frac{23}{273}$	$\frac{125}{273}$	$\frac{45}{91}$	$\Phi_{273}^{4}\ \Phi_{91}^{5}\ \Phi_{39}^{4}\ \Phi_{21}^{4}\ \Phi_{13}^{5}\ \Phi_{7}^{5}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
70050	1184	819	$\frac{1}{91}$	$\frac{46}{273}$	$\frac{227}{819}$	$\frac{45}{91}$	$\Phi_{819}^{2}\ \Phi_{117}^{2}\ \Phi_{91}\ \Phi_{63}^{2}\ \Phi_{13}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
70051	1184	91	$\frac{1}{91}$	$\frac{17}{91}$	$\frac{23}{91}$	$\frac{45}{91}$	$\Phi_{91}^{13}\ \Phi_{13}^{13}\ \Phi_{7}^{13}\ \Phi_{1}^{14}$
70052	1184	1779	$\frac{7}{593}$	$\frac{75}{593}$	$\frac{1}{3}$	$\frac{293}{593}$	Φ_{1779}
70053	1184	585	$\frac{7}{585}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{289}{585}$	$\Phi_{585}^{2}\ \Phi_{195}^{2}\ \Phi_{117}^{2}\ \Phi_{65}^{2}\ \Phi_{45}^{2}\ \Phi_{39}^{2}\ \Phi_{15}^{2}\ \Phi_{13}^{3}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
70054	1184	1095	$\frac{1}{73}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{36}{73}$	$\Phi_{1095}\ \Phi_{365}\ \Phi_{219}\ \Phi_{73}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
70055	1184	657	$\frac{1}{73}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{36}{73}$	$\Phi_{657}^{2}\ \Phi_{219}\ \Phi_{73}^{2}\ \Phi_{9}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
70056	1184	365	$\frac{1}{73}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{36}{73}$	$\Phi_{365}^{3}\ \Phi_{73}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
70057	1184	1183	$\frac{17}{1183}$	$\frac{75}{1183}$	$\frac{554}{1183}$	$\frac{583}{1183}$	$\Phi_{1183}\ \Phi_{169}\ \Phi_{91}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}^{2}$
70058	1184	1341	$\frac{3}{149}$	$\frac{1}{9}$	$\frac{38}{149}$	$\frac{73}{149}$	$\Phi_{1341}\ \Phi_{447}$
70059	1184	1183	$\frac{25}{1183}$	$\frac{151}{1183}$	$\frac{258}{1183}$	$\frac{579}{1183}$	$\Phi_{1183}\ \Phi_{169}\ \Phi_{91}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}^{2}$
70060	1184	1485	$\frac{7}{297}$	$\frac{38}{297}$	$\frac{1}{5}$	$\frac{145}{297}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{165}\ \Phi_{135}\ \Phi_{55}\ \Phi_{45}\ \Phi_{15}$
70061	1184	1183	$\frac{29}{1183}$	$\frac{110}{1183}$	$\frac{303}{1183}$	$\frac{577}{1183}$	$\Phi_{1183}\ \Phi_{169}\ \Phi_{91}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}^{2}$
70062	1184	1155	$\frac{29}{1155}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{563}{1155}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}^{2}\ \Phi_{33}\ \Phi_{21}\ \Phi_{15}\ \Phi_{11}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
70063	1184	357	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{61}{357}$	$\frac{58}{119}$	$\Phi_{357}^{4}\ \Phi_{119}^{2}\ \Phi_{51}^{4}\ \Phi_{21}^{4}\ \Phi_{17}^{2}\ \Phi_{7}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
70064	1184	1779	$\frac{15}{593}$	$\frac{38}{593}$	$\frac{1}{3}$	$\frac{289}{593}$	Φ_{1779}
70065	1184	2232	$\frac{1}{36}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{35}{72}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{248}\ \Phi_{72}^{2}\ \Phi_{31}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
70066	1184	1224	$\frac{1}{36}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{1224}^{2}\ \Phi_{408}^{2}\ \Phi_{136}^{2}\ \Phi_{51}$
70067	1184	2232	$\frac{1}{36}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{35}{72}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{248}\ \Phi_{72}^{2}\ \Phi_{31}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
70068	1184	360	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{35}{72}$	$\Phi_{360}^{8}\ \Phi_{120}^{8}\ \Phi_{45}\ \Phi_{40}^{8}\ \Phi_{15}$
70069	1184	165	$\frac{1}{33}$	$\frac{17}{165}$	$\frac{1}{5}$	$\frac{16}{33}$	$\Phi_{165}^{7}\ \Phi_{55}^{7}\ \Phi_{33}^{8}\ \Phi_{15}^{7}\ \Phi_{11}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
70070	1184	1209	$\frac{1}{31}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{1209}\ \Phi_{403}\ \Phi_{39}^{2}\ \Phi_{31}\ \Phi_{13}^{2}\ \Phi_{1}^{2}$
70071	1184	1674	$\frac{1}{31}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{15}{31}$	$\Phi_{1674}\ \Phi_{837}\ \Phi_{54}^{2}\ \Phi_{31}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$
70072	1184	1240	$\frac{1}{31}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{248}\ \Phi_{155}\ \Phi_{40}^{2}\ \Phi_{31}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
70073	1184	1488	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{15}{31}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}\ \Phi_{248}\ \Phi_{48}^{2}\ \Phi_{31}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
70074	1184	1395	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{15}{31}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{155}\ \Phi_{45}^{2}\ \Phi_{31}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
70075	1184	1302	$\frac{1}{31}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{15}{31}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}\ \Phi_{217}\ \Phi_{42}^{2}\ \Phi_{31}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
70076	1184	143	$\frac{5}{143}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{69}{143}$	$\Phi_{143}^{8}\ \Phi_{13}^{11}\ \Phi_{11}^{8}\ \Phi_{1}^{12}$
70077	1184	715	$\frac{5}{143}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{69}{143}$	$\Phi_{715}^{2}\ \Phi_{65}^{2}\ \Phi_{55}^{3}\ \Phi_{5}^{2}$
70078	1184	405	$\frac{1}{27}$	$\frac{7}{81}$	$\frac{1}{5}$	$\frac{13}{27}$	$\Phi_{405}^{4}\ \Phi_{135}^{3}\ \Phi_{45}^{3}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
70079	1184	850	$\frac{1}{25}$	$\frac{1}{17}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{850}^{2}\ \Phi_{425}\ \Phi_{170}^{2}\ \Phi_{85}\ \Phi_{34}^{2}$
70080	1184	91	$\frac{5}{91}$	$\frac{6}{91}$	$\frac{17}{91}$	$\frac{43}{91}$	$\Phi_{91}^{13}\ \Phi_{13}^{13}\ \Phi_{7}^{13}\ \Phi_{1}^{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
70081	1184	1190	$\frac{2}{35}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{1190}^2\ \Phi_{238}^2\ \Phi_{170}^2\ \Phi_{85}\ \Phi_{34}^2$
70082	1184	70	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{33}{70}$	$\Phi_{70}^{32}\ \Phi_{35}^2\ \Phi_{14}^{32}\ \Phi_{10}^{32}\ \Phi_7\ \Phi_5^2\ \Phi_2^{32}\ \Phi_1^2$
70083	1184	570	$\frac{1}{38}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{570}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{114}^3\ \Phi_{95}^2\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{19}^2\ \Phi_{10}^2\ \Phi_6^3\ \Phi_2^2$
70084	1184	765	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{765}^2\ \Phi_{255}\ \Phi_{153}^2\ \Phi_{85}\ \Phi_{51}$
70085	1184	195	$\frac{7}{195}$	$\frac{1}{13}$	$\frac{47}{195}$	$\frac{6}{13}$	$\Phi_{195}^6\ \Phi_{65}^6\ \Phi_{39}^6\ \Phi_{15}^6\ \Phi_{13}^7\ \Phi_5^6\ \Phi_3^6\ \Phi_1^8$
70086	1184	39	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{39}^{30}\ \Phi_{13}^{31}\ \Phi_3^{30}\ \Phi_1^{32}$
70087	1184	351	$\frac{7}{117}$	$\frac{1}{13}$	$\frac{55}{351}$	$\frac{6}{13}$	$\Phi_{351}^4\ \Phi_{117}^2\ \Phi_{39}^2\ \Phi_{27}^4\ \Phi_{13}^3\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
70088	1184	325	$\frac{1}{13}$	$\frac{29}{325}$	$\frac{7}{65}$	$\frac{6}{13}$	$\Phi_{325}^4\ \Phi_{65}^2\ \Phi_{25}^4\ \Phi_{13}^3\ \Phi_5^2\ \Phi_1^4$
70089	1184	273	$\frac{3}{91}$	$\frac{23}{273}$	$\frac{22}{91}$	$\frac{125}{273}$	$\Phi_{273}^4\ \Phi_{91}^5\ \Phi_{39}^4\ \Phi_{21}^4\ \Phi_{13}^5\ \Phi_7^5\ \Phi_3^4\ \Phi_1^6$
70090	1184	315	$\frac{19}{315}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{35}^2\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_7\ \Phi_5^2\ \Phi_3^4\ \Phi_1^2$
70091	1184	418	$\frac{1}{38}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{418}^3\ \Phi_{209}^3\ \Phi_{38}^2\ \Phi_{22}^3\ \Phi_{19}^2\ \Phi_2^2$
70092	1184	385	$\frac{3}{77}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{385}^4\ \Phi_{55}^3\ \Phi_{35}^4\ \Phi_5^2$
70093	1184	135	$\frac{1}{27}$	$\frac{13}{135}$	$\frac{1}{5}$	$\frac{61}{135}$	$\Phi_{135}^9\ \Phi_{45}^9\ \Phi_{27}^8\ \Phi_{15}^9\ \Phi_9^8\ \Phi_5^8\ \Phi_3^8\ \Phi_1^8$
70094	1184	1071	$\frac{6}{119}$	$\frac{113}{1071}$	$\frac{1}{7}$	$\frac{479}{1071}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}\ \Phi_{119}^2\ \Phi_{63}\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}^2\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
70095	1184	765	$\frac{5}{153}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{85}^2\ \Phi_{45}\ \Phi_{15}$
70096	1184	91	$\frac{3}{91}$	$\frac{11}{91}$	$\frac{17}{91}$	$\frac{40}{91}$	$\Phi_{91}^{13}\ \Phi_{13}^{13}\ \Phi_7^{13}\ \Phi_1^{14}$
70097	1184	330	$\frac{1}{33}$	$\frac{4}{33}$	$\frac{1}{5}$	$\frac{29}{66}$	$\Phi_{330}^8\ \Phi_{165}\ \Phi_{110}^8\ \Phi_{55}\ \Phi_{30}^8\ \Phi_{15}\ \Phi_{10}^8$
70098	1184	1183	$\frac{23}{1183}$	$\frac{145}{1183}$	$\frac{332}{1183}$	$\frac{519}{1183}$	$\Phi_{1183}\ \Phi_{169}\ \Phi_{91}\ \Phi_{13}\ \Phi_7\ \Phi_1^2$
70099	1184	1779	$\frac{9}{593}$	$\frac{73}{593}$	$\frac{1}{3}$	$\frac{260}{593}$	Φ_{1779}
70100	1184	525	$\frac{1}{75}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}^2\ \Phi_{75}^4\ \Phi_{35}^2\ \Phi_{25}^4\ \Phi_{21}\ \Phi_{15}^4\ \Phi_7^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
70101	1184	441	$\frac{2}{147}$	$\frac{1}{7}$	$\frac{145}{441}$	$\frac{3}{7}$	$\Phi_{441}^4\ \Phi_{63}^4\ \Phi_9^4\ \Phi_7\ \Phi_1^2$
70102	1184	301	$\frac{5}{301}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{301}^4\ \Phi_{43}^4\ \Phi_7\ \Phi_1^2$
70103	1184	49	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{12}{49}$	$\frac{3}{7}$	$\Phi_{49}^{24}\ \Phi_7^{25}\ \Phi_1^{26}$
70104	1184	1330	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{70}\ \Phi_{10}^2$
70105	1184	735	$\frac{4}{147}$	$\frac{1}{7}$	$\frac{143}{735}$	$\frac{3}{7}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
70106	1184	609	$\frac{17}{609}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{609}^2\ \Phi_{203}^2\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_7\ \Phi_1^2$
70107	1184	77	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{77}^{16}\ \Phi_{11}^{16}\ \Phi_7^9\ \Phi_1^{10}$
70108	1184	343	$\frac{2}{49}$	$\frac{47}{343}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{343}^4\ \Phi_7\ \Phi_1^2$
70109	1184	42	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{42}^{32}\ \Phi_{21}^{24}\ \Phi_{14}^{32}\ \Phi_7^{25}\ \Phi_6^{32}\ \Phi_3^{24}\ \Phi_2^{32}\ \Phi_1^{26}$
70110	1184	315	$\frac{19}{315}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{35}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_7\ \Phi_5^4\ \Phi_1^2$
70111	1184	637	$\frac{45}{637}$	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{637}^2\ \Phi_{91}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_1^2$
70112	1184	1275	$\frac{1}{75}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{255}\ \Phi_{85}\ \Phi_{51}$
70113	1184	1183	$\frac{19}{1183}$	$\frac{223}{1183}$	$\frac{291}{1183}$	$\frac{480}{1183}$	$\Phi_{1183}\ \Phi_{169}\ \Phi_{91}\ \Phi_{13}\ \Phi_7\ \Phi_1^2$
70114	1184	680	$\frac{1}{17}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{680}^2\ \Phi_{340}^2\ \Phi_{170}^2\ \Phi_{136}^2\ \Phi_{85}\ \Phi_{68}^2\ \Phi_{34}^2$
70115	1184	1254	$\frac{1}{38}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}\ \Phi_{209}\ \Phi_{114}\ \Phi_{66}\ \Phi_{57}\ \Phi_{22}\ \Phi_6$
70116	1184	39	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{39}^{32}\ \Phi_{13}^{27}\ \Phi_3^{32}\ \Phi_1^{28}$
70117	1184	1020	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{1020}^2\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{204}^2\ \Phi_{85}\ \Phi_{68}^2\ \Phi_{51}$
70118	1184	169	$\frac{5}{169}$	$\frac{21}{169}$	$\frac{41}{169}$	$\frac{64}{169}$	$\Phi_{169}^7\ \Phi_{13}^7\ \Phi_1^8$
70119	1184	119	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{29}{119}$	$\frac{45}{119}$	$\Phi_{119}^{10}\ \Phi_{17}^{10}\ \Phi_7^9\ \Phi_1^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
70120	1184	1183	$\frac{27}{1183}$	$\frac{184}{1183}$	$\frac{289}{1183}$	$\frac{447}{1183}$	$\Phi_{1183}\ \Phi_{169}\ \Phi_{91}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}^{2}$
70121	1184	1485	$\frac{5}{297}$	$\frac{1}{5}$	$\frac{73}{297}$	$\frac{112}{297}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{165}\ \Phi_{135}\ \Phi_{55}\ \Phi_{45}\ \Phi_{15}$
70122	1184	1183	$\frac{11}{1183}$	$\frac{293}{1183}$	$\frac{369}{1183}$	$\frac{445}{1183}$	$\Phi_{1183}\ \Phi_{169}\ \Phi_{91}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}^{2}$
70123	1184	1779	$\frac{5}{593}$	$\frac{147}{593}$	$\frac{1}{3}$	$\frac{223}{593}$	Φ_{1779}
70124	1184	897	$\frac{12}{299}$	$\frac{1}{13}$	$\frac{287}{897}$	$\frac{305}{897}$	$\Phi_{897}\ \Phi_{299}^{2}\ \Phi_{69}\ \Phi_{39}\ \Phi_{23}^{2}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
70125	1184	447	$\frac{1}{149}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{447}^{3}\ \Phi_{149}^{2}$
70126	1184	885	$\frac{3}{295}$	$\frac{73}{295}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{885}\ \Phi_{295}^{2}\ \Phi_{177}\ \Phi_{59}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
70127	1184	75	$\frac{1}{75}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{75}^{16}\ \Phi_{25}^{16}\ \Phi_{15}^{15}\ \Phi_{5}^{14}\ \Phi_{3}^{16}\ \Phi_{1}^{16}$
70128	1184	177	$\frac{1}{59}$	$\frac{29}{177}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{177}^{7}\ \Phi_{59}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
70129	1184	885	$\frac{7}{295}$	$\frac{36}{295}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{885}\ \Phi_{295}^{2}\ \Phi_{177}\ \Phi_{59}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
70130	1184	342	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{342}^{4}\ \Phi_{171}^{4}\ \Phi_{114}^{3}\ \Phi_{57}^{3}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{18}^{4}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
70131	1184	663	$\frac{2}{39}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{663}^{2}\ \Phi_{221}^{2}\ \Phi_{51}$
70132	1184	2205	$\frac{2}{147}$	$\frac{1}{5}$	$\frac{145}{441}$	$\frac{1}{3}$	$\Phi_{2205}\ \Phi_{315}\ \Phi_{45}\ \Phi_{15}$
70133	1184	918	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{918}^{2}\ \Phi_{459}^{2}\ \Phi_{51}$
70134	1184	1710	$\frac{1}{38}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{90}\ \Phi_{57}\ \Phi_{18}\ \Phi_{6}$
70135	1184	2040	$\frac{1}{17}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{51}$
70136	1184	735	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{12}{49}$	$\frac{1}{3}$	$\Phi_{735}^{3}\ \Phi_{105}^{3}\ \Phi_{15}^{4}$
70137	1184	1779	$\frac{13}{593}$	$\frac{112}{593}$	$\frac{145}{593}$	$\frac{1}{3}$	Φ_{1779}
70138	1184	816	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{816}^{2}\ \Phi_{408}^{2}\ \Phi_{272}^{2}\ \Phi_{136}^{2}\ \Phi_{51}$
70139	1184	1209	$\frac{2}{39}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{1209}\ \Phi_{403}\ \Phi_{39}^{2}\ \Phi_{31}\ \Phi_{13}^{2}\ \Phi_{1}^{2}$
70140	1184	1377	$\frac{1}{17}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1377}\ \Phi_{459}\ \Phi_{51}$
70141	1184	570	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{570}^{3}\ \Phi_{285}^{3}\ \Phi_{114}^{4}\ \Phi_{57}^{4}\ \Phi_{30}^{3}\ \Phi_{6}^{4}$
70142	1184	1155	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1155}^{2}\ \Phi_{165}^{2}\ \Phi_{105}\ \Phi_{15}^{2}$
70143	1184	210	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^{8}\ \Phi_{105}^{6}\ \Phi_{70}^{8}\ \Phi_{35}^{6}\ \Phi_{30}^{8}\ \Phi_{15}^{7}\ \Phi_{10}^{8}\ \Phi_{5}^{6}$
70144	1184	585	$\frac{2}{39}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{585}^{3}\ \Phi_{195}^{2}\ \Phi_{65}^{2}\ \Phi_{45}\ \Phi_{15}$
70145	1184	315	$\frac{19}{315}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{315}^{4}\ \Phi_{105}^{3}\ \Phi_{63}^{4}\ \Phi_{45}^{4}\ \Phi_{35}^{3}\ \Phi_{21}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
70146	1184	765	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{765}^{2}\ \Phi_{255}^{2}\ \Phi_{85}^{2}\ \Phi_{51}$
70147	1184	714	$\frac{1}{17}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{714}^{2}\ \Phi_{357}^{2}\ \Phi_{238}^{2}\ \Phi_{119}^{2}\ \Phi_{51}$
70148	1184	357	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{61}{357}$	$\frac{113}{357}$	$\Phi_{357}^{3}\ \Phi_{119}^{4}\ \Phi_{51}^{3}\ \Phi_{21}^{3}\ \Phi_{17}^{4}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
70149	1184	1674	$\frac{1}{18}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{17}{54}$	$\Phi_{1674}\ \Phi_{837}\ \Phi_{54}^{2}\ \Phi_{31}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$
70150	1184	270	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{17}{54}$	$\Phi_{270}^{8}\ \Phi_{135}^{8}\ \Phi_{45}\ \Phi_{15}$
70151	1184	429	$\frac{10}{143}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{133}{429}$	$\Phi_{429}^{4}\ \Phi_{39}^{4}\ \Phi_{33}^{4}\ \Phi_{13}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
70152	1184	2145	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{133}{429}$	$\Phi_{2145}\ \Phi_{195}\ \Phi_{165}\ \Phi_{55}\ \Phi_{15}$
70153	1184	1785	$\frac{1}{17}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{85}\ \Phi_{51}$
70154	1184	105	$\frac{3}{35}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{31}{105}$	$\Phi_{105}^{16}\ \Phi_{35}^{2}\ \Phi_{21}^{16}\ \Phi_{15}^{16}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{3}^{16}\ \Phi_{1}^{2}$
70155	1184	169	$\frac{15}{169}$	$\frac{21}{169}$	$\frac{22}{169}$	$\frac{49}{169}$	$\Phi_{169}^{7}\ \Phi_{13}^{7}\ \Phi_{1}^{8}$
70156	1184	231	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{231}^{7}\ \Phi_{77}^{2}\ \Phi_{33}^{7}\ \Phi_{21}^{4}\ \Phi_{11}^{2}\ \Phi_{7}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
70157	1184	210	$\frac{3}{35}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{210}^{7}\ \Phi_{105}^{7}\ \Phi_{70}^{7}\ \Phi_{42}^{4}\ \Phi_{35}^{2}\ \Phi_{30}^{7}\ \Phi_{21}^{4}\ \Phi_{15}^{7}\ \Phi_{14}^{4}\ \Phi_{10}^{7}\ \Phi_{7}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
70158	1184	315	$\frac{19}{315}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{315}^{4}\ \Phi_{105}^{3}\ \Phi_{63}^{4}\ \Phi_{45}^{4}\ \Phi_{35}^{4}\ \Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{9}^{4}\ \Phi_{7}^{3}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
70159	1184	405	$\frac{1}{27}$	$\frac{26}{135}$	$\frac{1}{5}$	$\frac{109}{405}$	$\Phi_{405}^{4}\ \Phi_{135}\ \Phi_{81}^{4}\ \Phi_{45}\ \Phi_{15}$
70160	1184	169	$\frac{9}{169}$	$\frac{21}{169}$	$\frac{40}{169}$	$\frac{43}{169}$	$\Phi_{169}^{7}\ \Phi_{13}^{7}\ \Phi_{1}^{8}$
70161	1184	91	$\frac{3}{91}$	$\frac{17}{91}$	$\frac{22}{91}$	$\frac{23}{91}$	$\Phi_{91}^{13}\ \Phi_{13}^{13}\ \Phi_{7}^{13}\ \Phi_{1}^{14}$
70162	1184	495	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{8}{33}$	$\frac{25}{99}$	$\Phi_{495}^{4}\ \Phi_{165}\ \Phi_{55}\ \Phi_{45}^{4}\ \Phi_{15}$
70163	1184	1240	$\frac{3}{40}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{4}$	$\Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{248}\ \Phi_{155}\ \Phi_{40}^{2}\ \Phi_{31}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
70164	1184	360	$\frac{3}{40}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{360}^{4}\ \Phi_{180}^{3}\ \Phi_{120}^{4}\ \Phi_{90}^{3}\ \Phi_{72}^{4}\ \Phi_{60}^{3}\ \Phi_{45}^{4}\ \Phi_{36}^{4}\ \Phi_{30}^{3}\ \Phi_{24}^{4}\ \Phi_{18}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}$
70165	1184	385	$\frac{29}{385}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{89}{385}$	$\Phi_{385}^{3}\ \Phi_{77}^{3}\ \Phi_{55}^{3}\ \Phi_{35}^{4}\ \Phi_{11}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
70166	1184	1488	$\frac{1}{12}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{11}{48}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}\ \Phi_{248}\ \Phi_{48}^{2}\ \Phi_{31}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
70167	1184	720	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{11}{48}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{2}\ \Phi_{120}^{2}\ \Phi_{80}^{2}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{15}$
70168	1184	175	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{27}{175}$	$\frac{8}{35}$	$\Phi_{175}^{8}\ \Phi_{35}^{2}\ \Phi_{25}^{8}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
70169	1184	1395	$\frac{3}{31}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{7}{31}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{155}\ \Phi_{45}^{2}\ \Phi_{31}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
70170	1184	1302	$\frac{3}{31}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{7}{31}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}\ \Phi_{217}\ \Phi_{42}^{2}\ \Phi_{31}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
70171	1184	405	$\frac{7}{81}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{405}^{4}\ \Phi_{135}^{4}\ \Phi_{45}\ \Phi_{15}$
70172	1184	45	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{5}$	$\Phi_{45}^{25}\ \Phi_{15}^{25}\ \Phi_{9}^{32}\ \Phi_{5}^{24}\ \Phi_{3}^{32}\ \Phi_{1}^{32}$
70173	1184	630	$\frac{1}{9}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}^{2}\ \Phi_{105}^{2}\ \Phi_{70}^{2}\ \Phi_{45}\ \Phi_{35}^{2}\ \Phi_{15}$
70174	1185	472	$\frac{1}{236}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{235}{472}$	$\Phi_{472}\ \Phi_{236}^{4}\ \Phi_{118}^{4}\ \Phi_{59}^{4}\ \Phi_{8}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
70175	1185	1572	$\frac{2}{393}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{391}{786}$	$\Phi_{1572}\ \Phi_{524}\ \Phi_{393}\ \Phi_{131}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
70176	1185	528	$\frac{1}{132}$	$\frac{1}{4}$	$\frac{133}{528}$	$\frac{131}{264}$	$\Phi_{528}^{3}\ \Phi_{176}^{3}\ \Phi_{132}^{3}\ \Phi_{66}^{3}\ \Phi_{48}^{3}\ \Phi_{44}^{3}\ \Phi_{33}^{3}\ \Phi_{22}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{11}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
70177	1185	784	$\frac{3}{392}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{389}{784}$	$\Phi_{784}^{3}\ \Phi_{112}^{3}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
70178	1185	1092	$\frac{1}{78}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{77}{156}$	$\Phi_{546}^{2}\ \Phi_{273}^{2}\ \Phi_{182}^{2}\ \Phi_{156}\ \Phi_{91}^{2}\ \Phi_{78}^{2}\ \Phi_{52}\ \Phi_{42}^{2}\ \Phi_{39}^{2}\ \Phi_{28}\ \Phi_{26}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{13}^{2}\ \Phi_{12}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
70179	1185	1092	$\frac{1}{78}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{77}{156}$	$\Phi_{1092}^{2}\ \Phi_{364}^{2}\ \Phi_{156}^{3}\ \Phi_{84}^{2}\ \Phi_{52}^{3}\ \Phi_{28}^{2}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
70180	1185	156	$\frac{1}{78}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{77}{156}$	$\Phi_{156}^{5}\ \Phi_{78}^{10}\ \Phi_{52}^{5}\ \Phi_{39}^{10}\ \Phi_{26}^{10}\ \Phi_{13}^{10}\ \Phi_{12}^{7}\ \Phi_{6}^{11}\ \Phi_{4}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
70181	1185	1548	$\frac{8}{387}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{379}{774}$	$\Phi_{1548}\ \Phi_{516}\ \Phi_{387}\ \Phi_{172}\ \Phi_{129}\ \Phi_{43}\ \Phi_{36}^{2}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
70182	1185	88	$\frac{1}{44}$	$\frac{9}{88}$	$\frac{1}{4}$	$\frac{43}{88}$	$\Phi_{88}^{12}\ \Phi_{44}^{15}\ \Phi_{22}^{15}\ \Phi_{11}^{15}\ \Phi_{8}^{12}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
70183	1185	308	$\frac{2}{77}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{75}{154}$	$\Phi_{308}^{5}\ \Phi_{77}^{5}\ \Phi_{44}^{6}\ \Phi_{28}^{5}\ \Phi_{22}\ \Phi_{11}^{5}\ \Phi_{7}^{5}\ \Phi_{4}^{5}\ \Phi_{1}^{5}$
70184	1185	462	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{75}{154}$	$\Phi_{462}^{3}\ \Phi_{231}^{3}\ \Phi_{77}^{3}\ \Phi_{66}^{3}\ \Phi_{42}^{4}\ \Phi_{33}^{3}\ \Phi_{21}^{4}\ \Phi_{14}\ \Phi_{11}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
70185	1185	432	$\frac{1}{36}$	$\frac{37}{432}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{432}^{3}\ \Phi_{216}^{3}\ \Phi_{144}^{3}\ \Phi_{108}^{3}\ \Phi_{54}^{3}\ \Phi_{48}^{3}\ \Phi_{36}^{3}\ \Phi_{27}^{3}\ \Phi_{18}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{3}\ \Phi_{1}^{3}$
70186	1185	768	$\frac{11}{384}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{373}{768}$	$\Phi_{768}^{3}\ \Phi_{256}^{3}\ \Phi_{64}\ \Phi_{1}$
70187	1185	768	$\frac{11}{384}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{373}{768}$	$\Phi_{768}^{3}\ \Phi_{256}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
70188	1185	768	$\frac{11}{384}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{373}{768}$	$\Phi_{768}^{3}\ \Phi_{256}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
70189	1185	816	$\frac{1}{34}$	$\frac{35}{272}$	$\frac{1}{6}$	$\frac{33}{68}$	$\Phi_{816}^{2}\ \Phi_{408}^{2}\ \Phi_{272}\ \Phi_{136}\ \Phi_{102}^{2}\ \Phi_{51}^{2}\ \Phi_{48}^{2}\ \Phi_{34}\ \Phi_{24}^{2}\ \Phi_{17}\ \Phi_{16}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
70190	1185	576	$\frac{1}{32}$	$\frac{11}{192}$	$\frac{181}{576}$	$\frac{31}{64}$	$\Phi_{576}^{3}\ \Phi_{288}^{3}\ \Phi_{144}^{3}\ \Phi_{72}^{3}\ \Phi_{64}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{1}$
70191	1185	256	$\frac{1}{32}$	$\frac{19}{256}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{256}^{5}\ \Phi_{128}^{4}\ \Phi_{64}^{5}\ \Phi_{32}^{4}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
70192	1185	512	$\frac{1}{32}$	$\frac{11}{128}$	$\frac{117}{512}$	$\frac{31}{64}$	$\Phi_{512}^{3}\ \Phi_{256}^{3}\ \Phi_{64}\ \Phi_{1}$
70193	1185	448	$\frac{1}{32}$	$\frac{53}{448}$	$\frac{11}{64}$	$\frac{31}{64}$	$\Phi_{448}^{3}\ \Phi_{224}^{3}\ \Phi_{112}^{3}\ \Phi_{64}\ \Phi_{56}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{1}$
70194	1185	2288	$\frac{41}{1144}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1103}{2288}$	$\Phi_{2288}\ \Phi_{208}\ \Phi_{176}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
70195	1185	320	$\frac{3}{80}$	$\frac{1}{16}$	$\frac{83}{320}$	$\frac{77}{160}$	$\Phi_{320}^{5}\ \Phi_{80}^{5}\ \Phi_{64}^{5}\ \Phi_{40}^{5}\ \Phi_{20}^{5}\ \Phi_{16}^{4}\ \Phi_{10}^{5}\ \Phi_{8}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
70196	1185	304	$\frac{3}{76}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{304}^4\ \Phi_{152}^3\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
70197	1185	756	$\frac{17}{378}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{361}{756}$	$\Phi_{756}\ \Phi_{378}^2\ \Phi_{252}\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
70198	1185	1200	$\frac{4}{75}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
70199	1185	748	$\frac{1}{22}$	$\frac{21}{374}$	$\frac{1}{4}$	$\frac{353}{748}$	$\Phi_{748}\ \Phi_{374}^2\ \Phi_{187}^2\ \Phi_{68}\ \Phi_{44}^3\ \Phi_{34}^2\ \Phi_{22}^3\ \Phi_{17}^2\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
70200	1185	448	$\frac{13}{224}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{211}{448}$	$\Phi_{448}^5\ \Phi_{64}^5\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
70201	1185	1344	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{211}{448}$	$\Phi_{1344}^2\ \Phi_{448}\ \Phi_{192}^2\ \Phi_{64}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
70202	1185	96	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{96}^{15}\ \Phi_{48}^{15}\ \Phi_{24}^{15}\ \Phi_{16}^{14}\ \Phi_{12}^{15}\ \Phi_8^{14}\ \Phi_6^{15}\ \Phi_4^{14}\ \Phi_3^{15}\ \Phi_2^{14}\ \Phi_1^{15}$
70203	1185	148	$\frac{1}{37}$	$\frac{5}{74}$	$\frac{12}{37}$	$\frac{69}{148}$	$\Phi_{148}^{15}\ \Phi_{37}^2\ \Phi_4^{15}\ \Phi_1^3$
70204	1185	148	$\frac{2}{37}$	$\frac{5}{74}$	$\frac{7}{37}$	$\frac{69}{148}$	$\Phi_{148}^{15}\ \Phi_{37}^2\ \Phi_4^{15}\ \Phi_1^3$
70205	1185	1232	$\frac{47}{1232}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{176}\ \Phi_{154}\ \Phi_{112}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{16}\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_1$
70206	1185	2268	$\frac{2}{81}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{324}\ \Phi_{252}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_9\ \Phi_4\ \Phi_1$
70207	1185	3276	$\frac{1}{39}$	$\frac{1}{14}$	$\frac{38}{117}$	$\frac{13}{28}$	$\Phi_{3276}\ \Phi_{468}\ \Phi_{252}\ \Phi_{117}\ \Phi_{36}\ \Phi_{28}\ \Phi_9\ \Phi_4\ \Phi_1$
70208	1185	728	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{25}{104}$	$\frac{13}{28}$	$\Phi_{728}^2\ \Phi_{182}^2\ \Phi_{104}^3\ \Phi_{91}^2\ \Phi_{56}^2\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
70209	1185	84	$\frac{5}{84}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{84}^{13}\ \Phi_{42}^{15}\ \Phi_{28}^{14}\ \Phi_{21}^{15}\ \Phi_{14}^{15}\ \Phi_{12}^{13}\ \Phi_7^{15}\ \Phi_6^{14}\ \Phi_4^{14}\ \Phi_3^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
70210	1185	364	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{13}{28}$	$\Phi_{364}^6\ \Phi_{91}\ \Phi_{52}^6\ \Phi_{28}^7\ \Phi_7\ \Phi_4^7\ \Phi_1$
70211	1185	1326	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{1}{6}$	$\frac{205}{442}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{221}\ \Phi_{102}^2\ \Phi_{78}\ \Phi_{51}^2\ \Phi_{39}\ \Phi_{34}\ \Phi_{17}\ \Phi_{13}\ \Phi_6\ \Phi_3\ \Phi_1$
70212	1185	408	$\frac{13}{408}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{408}^3\ \Phi_{204}^3\ \Phi_{136}^3\ \Phi_{102}^3\ \Phi_{68}^3\ \Phi_{51}^3\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
70213	1185	1452	$\frac{1}{33}$	$\frac{32}{363}$	$\frac{1}{4}$	$\frac{331}{726}$	$\Phi_{1452}\ \Phi_{484}\ \Phi_{363}\ \Phi_{132}^2\ \Phi_{121}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
70214	1185	1628	$\frac{1}{37}$	$\frac{36}{407}$	$\frac{443}{1628}$	$\frac{371}{814}$	$\Phi_{1628}\ \Phi_{407}\ \Phi_{148}\ \Phi_{44}\ \Phi_{11}\ \Phi_4\ \Phi_1$
70215	1185	144	$\frac{1}{36}$	$\frac{7}{72}$	$\frac{1}{4}$	$\frac{65}{144}$	$\Phi_{144}^{15}\ \Phi_{48}^{15}\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{16}^{15}\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
70216	1185	144	$\frac{1}{16}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{144}$	$\Phi_{144}^7\ \Phi_{72}^8\ \Phi_{48}^7\ \Phi_{36}^8\ \Phi_{24}^8\ \Phi_{18}^8\ \Phi_{16}^{14}\ \Phi_{12}^8\ \Phi_9^8\ \Phi_8^{14}\ \Phi_6^8\ \Phi_4^{14}\ \Phi_3^8\ \Phi_2^{14}\ \Phi_1^{15}$
70217	1185	704	$\frac{1}{44}$	$\frac{43}{352}$	$\frac{1}{4}$	$\frac{309}{704}$	$\Phi_{704}^3\ \Phi_{64}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
70218	1185	560	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{140}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}\ \Phi_{112}^2\ \Phi_{80}^4\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^4\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
70219	1185	408	$\frac{1}{34}$	$\frac{11}{68}$	$\frac{1}{6}$	$\frac{57}{136}$	$\Phi_{408}^6\ \Phi_{136}^3\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{24}^6\ \Phi_{17}\ \Phi_8^3\ \Phi_6\ \Phi_3\ \Phi_1$
70220	1185	256	$\frac{1}{16}$	$\frac{19}{256}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{256}^5\ \Phi_{128}^5\ \Phi_{64}^5\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
70221	1185	259	$\frac{2}{37}$	$\frac{22}{259}$	$\frac{7}{37}$	$\frac{15}{37}$	$\Phi_{259}^5\ \Phi_{37}^2\ \Phi_7^5\ \Phi_1^3$
70222	1185	132	$\frac{1}{66}$	$\frac{13}{66}$	$\frac{1}{4}$	$\frac{53}{132}$	$\Phi_{132}^7\ \Phi_{66}^{11}\ \Phi_{44}^7\ \Phi_{33}^{11}\ \Phi_{22}^{11}\ \Phi_{12}^7\ \Phi_{11}^{11}\ \Phi_6^{11}\ \Phi_4^6\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
70223	1185	128	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{128}^{15}\ \Phi_{16}^{14}\ \Phi_8^{14}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
70224	1185	472	$\frac{1}{118}$	$\frac{1}{4}$	$\frac{39}{118}$	$\frac{3}{8}$	$\Phi_{472}^4\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_8^5\ \Phi_2^2\ \Phi_1^3$
70225	1185	80	$\frac{1}{80}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{80}^{15}\ \Phi_{40}^{15}\ \Phi_{20}^{15}\ \Phi_{16}^{15}\ \Phi_{10}^{15}\ \Phi_8^{12}\ \Phi_5^{15}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
70226	1185	2360	$\frac{1}{59}$	$\frac{58}{295}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2360}\ \Phi_{295}\ \Phi_{40}\ \Phi_8\ \Phi_5\ \Phi_1$
70227	1185	416	$\frac{21}{416}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{416}^3\ \Phi_{208}^3\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{16}^2\ \Phi_{13}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
70228	1185	240	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{240}^4\ \Phi_{120}^3\ \Phi_{80}^8\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^7\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^7\ \Phi_{16}^7\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^7\ \Phi_8^6\ \Phi_6^4\ \Phi_5^7\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
70229	1185	444	$\frac{1}{37}$	$\frac{49}{444}$	$\frac{12}{37}$	$\frac{25}{74}$	$\Phi_{444}^3\ \Phi_{222}^3\ \Phi_{148}^3\ \Phi_{111}^3\ \Phi_{37}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
70230	1185	1188	$\frac{1}{99}$	$\frac{1}{4}$	$\frac{98}{297}$	$\frac{199}{594}$	$\Phi_{1188}\ \Phi_{396}^2\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}^2\ \Phi_{108}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
70231	1185	592	$\frac{1}{148}$	$\frac{49}{148}$	$\frac{197}{592}$	$\frac{99}{296}$	$\Phi_{592}^3\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
70232	1185	567	$\frac{2}{81}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{567}^2\ \Phi_{189}^2\ \Phi_{81}^3\ \Phi_{63}^2\ \Phi_{27}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_1^3$
70233	1185	324	$\frac{2}{81}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{324}^5\ \Phi_{162}^2\ \Phi_{108}^5\ \Phi_{81}^3\ \Phi_{54}^2\ \Phi_{36}^5\ \Phi_{27}^3\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
70234	1185	588	$\frac{3}{196}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{193}{588}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{147}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
70235	1185	819	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{38}{117}$	$\Phi_{819}^2\ \Phi_{117}^3\ \Phi_{63}^2\ \Phi_9^3\ \Phi_7^2\ \Phi_1^3$
70236	1185	468	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{38}{117}$	$\Phi_{468}^5\ \Phi_{234}^2\ \Phi_{117}^3\ \Phi_{36}^5\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
70237	1185	111	$\frac{1}{37}$	$\frac{5}{37}$	$\frac{32}{111}$	$\frac{12}{37}$	$\Phi_{111}^{15}\ \Phi_{37}^2\ \Phi_3^{15}\ \Phi_1^3$
70238	1185	102	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{23}{102}$	$\frac{11}{34}$	$\Phi_{102}^{11}\ \Phi_{51}^{11}\ \Phi_{34}^{13}\ \Phi_{17}^{13}\ \Phi_6^{10}\ \Phi_3^{10}\ \Phi_2^{12}\ \Phi_1^{13}$
70239	1185	432	$\frac{1}{18}$	$\frac{37}{432}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{108}\ \Phi_{72}^3\ \Phi_{54}^2\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
70240	1185	576	$\frac{11}{192}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{181}{576}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{144}^3\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_9^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
70241	1185	576	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{181}{576}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{144}^3\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
70242	1185	432	$\frac{1}{16}$	$\frac{37}{432}$	$\frac{11}{48}$	$\frac{5}{16}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_9^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
70243	1185	512	$\frac{1}{16}$	$\frac{11}{128}$	$\frac{117}{512}$	$\frac{5}{16}$	$\Phi_{512}^3\ \Phi_{256}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
70244	1185	96	$\frac{1}{16}$	$\frac{11}{96}$	$\frac{17}{96}$	$\frac{5}{16}$	$\Phi_{96}^{12}\ \Phi_{48}^{12}\ \Phi_{32}^{12}\ \Phi_{24}^{12}\ \Phi_{16}^{14}\ \Phi_{12}^{12}\ \Phi_8^{14}\ \Phi_6^{12}\ \Phi_4^{14}\ \Phi_3^{12}\ \Phi_2^{14}\ \Phi_1^{15}$
70245	1185	448	$\frac{1}{16}$	$\frac{53}{448}$	$\frac{11}{64}$	$\frac{5}{16}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_8^2\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
70246	1185	572	$\frac{3}{44}$	$\frac{41}{572}$	$\frac{1}{4}$	$\frac{177}{572}$	$\Phi_{572}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{52}^2\ \Phi_{44}^3\ \Phi_{26}^2\ \Phi_{22}^3\ \Phi_{13}^2\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
70247	1185	112	$\frac{1}{16}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{33}{112}$	$\Phi_{112}^{10}\ \Phi_{56}^{10}\ \Phi_{28}^{10}\ \Phi_{16}^{14}\ \Phi_{14}^{10}\ \Phi_8^{14}\ \Phi_7^{10}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
70248	1185	336	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{6}$	$\frac{33}{112}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^2\ \Phi_{84}^4\ \Phi_{56}^2\ \Phi_{48}^4\ \Phi_{42}^6\ \Phi_{28}^2\ \Phi_{24}^4\ \Phi_{21}^6\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_{12}^4\ \Phi_8^2\ \Phi_7^3\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
70249	1185	96	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{96}^{15}\ \Phi_{48}^7\ \Phi_{32}^{15}\ \Phi_{24}^8\ \Phi_{16}^{14}\ \Phi_{12}^8\ \Phi_8^{14}\ \Phi_6^8\ \Phi_4^{14}\ \Phi_3^8\ \Phi_2^{14}\ \Phi_1^{15}$
70250	1185	111	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{32}{111}$	$\Phi_{111}^{15}\ \Phi_{37}^2\ \Phi_3^{15}\ \Phi_1^3$
70251	1185	728	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{25}{104}$	$\frac{2}{7}$	$\Phi_{728}^2\ \Phi_{364}^2\ \Phi_{104}^3\ \Phi_{56}^2\ \Phi_{52}^3\ \Phi_{28}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
70252	1185	84	$\frac{5}{84}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{84}^{15}\ \Phi_{42}^{13}\ \Phi_{28}^{15}\ \Phi_{21}^{13}\ \Phi_{14}^{13}\ \Phi_{12}^{15}\ \Phi_7^{15}\ \Phi_6^{12}\ \Phi_4^{15}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{15}$
70253	1185	91	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{91}^{13}\ \Phi_{13}^{12}\ \Phi_7^{15}\ \Phi_1^{15}$
70254	1185	108	$\frac{1}{36}$	$\frac{7}{36}$	$\frac{1}{4}$	$\frac{29}{108}$	$\Phi_{108}^{15}\ \Phi_{54}^{15}\ \Phi_{36}^3\ \Phi_{27}^{15}\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
70255	1185	720	$\frac{1}{16}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
70256	1185	528	$\frac{1}{44}$	$\frac{43}{176}$	$\frac{1}{4}$	$\frac{133}{528}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{48}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^3\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
70257	1185	448	$\frac{3}{56}$	$\frac{53}{448}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
70258	1185	84	$\frac{5}{84}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{84}^{15}\ \Phi_{42}^{15}\ \Phi_{28}^{12}\ \Phi_{21}^{15}\ \Phi_{14}^{12}\ \Phi_{12}^{15}\ \Phi_7^{12}\ \Phi_6^{15}\ \Phi_4^{14}\ \Phi_3^{15}\ \Phi_2^{14}\ \Phi_1^{15}$
70259	1185	312	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{25}{104}$	$\frac{1}{4}$	$\Phi_{312}^6\ \Phi_{156}^2\ \Phi_{104}^3\ \Phi_{78}^4\ \Phi_{52}\ \Phi_{39}^4\ \Phi_{26}^2\ \Phi_{24}^6\ \Phi_{13}^2\ \Phi_{12}^4\ \Phi_8^3\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
70260	1185	432	$\frac{1}{12}$	$\frac{37}{432}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
70261	1185	504	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{109}{504}$	$\frac{1}{4}$	$\Phi_{504}^3\ \Phi_{252}\ \Phi_{168}^3\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{72}^3\ \Phi_{63}^2\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
70262	1185	88	$\frac{1}{11}$	$\frac{9}{88}$	$\frac{2}{11}$	$\frac{1}{4}$	$\Phi_{88}^{15}\ \Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_{11}^{15}\ \Phi_8^{15}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{15}$
70263	1185	96	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{17}{96}$	$\frac{1}{4}$	$\Phi_{96}^{12}\ \Phi_{48}^{12}\ \Phi_{32}^{12}\ \Phi_{24}^{12}\ \Phi_{16}^{12}\ \Phi_{12}^{15}\ \Phi_8^{12}\ \Phi_6^{15}\ \Phi_4^{14}\ \Phi_3^{15}\ \Phi_2^{14}\ \Phi_1^{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
70264	1185	84	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{84}^{15}\ \Phi_{42}^{15}\ \Phi_{28}^{15}\ \Phi_{21}^{15}\ \Phi_{14}^{15}\ \Phi_{12}^{7}\ \Phi_{7}^{15}\ \Phi_{6}^{11}\ \Phi_{4}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
70265	1185	468	$\frac{5}{78}$	$\frac{73}{468}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{156}\ \Phi_{117}^{3}\ \Phi_{78}^{2}\ \Phi_{52}\ \Phi_{39}^{2}\ \Phi_{36}^{3}\ \Phi_{26}^{2}\ \Phi_{18}^{3}\ \Phi_{13}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
70266	1185	1092	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1092}^{2}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{91}\ \Phi_{84}^{2}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
70267	1185	924	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{462}$	$\frac{1}{4}$	$\Phi_{924}^{2}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{132}^{2}\ \Phi_{84}^{2}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}^{2}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{22}\ \Phi_{21}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
70268	1185	840	$\frac{1}{14}$	$\frac{43}{280}$	$\frac{1}{6}$	$\frac{13}{56}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}\ \Phi_{210}^{2}\ \Phi_{140}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{70}\ \Phi_{60}^{2}\ \Phi_{42}^{2}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{21}^{2}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
70269	1185	924	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{71}{308}$	$\Phi_{924}^{2}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{132}^{2}\ \Phi_{84}^{2}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}^{2}\ \Phi_{33}\ \Phi_{28}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
70270	1185	400	$\frac{1}{16}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{400}^{3}\ \Phi_{200}^{3}\ \Phi_{100}^{2}\ \Phi_{80}^{4}\ \Phi_{50}^{2}\ \Phi_{40}^{4}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
70271	1185	296	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{59}{296}$	$\frac{15}{74}$	$\Phi_{296}^{5}\ \Phi_{148}^{5}\ \Phi_{37}^{2}\ \Phi_{8}^{5}\ \Phi_{4}^{5}\ \Phi_{1}^{3}$
70272	1186	1182	$\frac{2}{591}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{589}{1182}$	$\Phi_{1182}^{2}\ \Phi_{394}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
70273	1186	948	$\frac{1}{237}$	$\frac{119}{474}$	$\frac{355}{948}$	$\frac{118}{237}$	$\Phi_{948}^{2}\ \Phi_{316}^{2}\ \Phi_{237}\ \Phi_{79}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
70274	1186	792	$\frac{1}{198}$	$\frac{199}{792}$	$\frac{1}{3}$	$\frac{197}{396}$	$\Phi_{792}^{2}\ \Phi_{264}^{2}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{2}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
70275	1186	1180	$\frac{3}{590}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{587}{1180}$	$\Phi_{1180}^{2}\ \Phi_{236}^{2}\ \Phi_{20}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
70276	1186	1179	$\frac{7}{1179}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{586}{1179}$	$\Phi_{1179}\ \Phi_{393}\ \Phi_{131}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
70277	1186	1176	$\frac{5}{588}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{583}{1176}$	$\Phi_{1176}^{2}\ \Phi_{392}^{2}\ \Phi_{168}^{2}\ \Phi_{56}^{2}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
70278	1186	1106	$\frac{1}{79}$	$\frac{40}{553}$	$\frac{513}{1106}$	$\frac{39}{79}$	$\Phi_{1106}^{2}\ \Phi_{158}^{2}\ \Phi_{79}\ \Phi_{14}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
70279	1186	1170	$\frac{8}{585}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{577}{1170}$	$\Phi_{1170}^{2}\ \Phi_{390}^{2}\ \Phi_{234}^{2}\ \Phi_{130}^{2}\ \Phi_{90}^{2}\ \Phi_{78}^{2}\ \Phi_{30}^{2}\ \Phi_{26}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
70280	1186	1170	$\frac{8}{585}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{577}{1170}$	$\Phi_{1170}^{2}\ \Phi_{390}^{2}\ \Phi_{234}^{2}\ \Phi_{130}^{2}\ \Phi_{90}^{2}\ \Phi_{78}^{2}\ \Phi_{30}^{2}\ \Phi_{26}^{2}\ \Phi_{18}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
70281	1186	660	$\frac{1}{66}$	$\frac{67}{660}$	$\frac{1}{3}$	$\frac{65}{132}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{2}\ \Phi_{165}^{2}\ \Phi_{110}^{2}\ \Phi_{66}^{2}\ \Phi_{60}^{2}\ \Phi_{55}^{2}\ \Phi_{33}^{2}\ \Phi_{30}^{2}\ \Phi_{22}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
70282	1186	3498	$\frac{10}{583}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{573}{1166}$	$\Phi_{3498}\ \Phi_{318}\ \Phi_{66}\ \Phi_{33}\ \Phi_{6}$
70283	1186	648	$\frac{1}{54}$	$\frac{55}{648}$	$\frac{1}{3}$	$\frac{53}{108}$	$\Phi_{648}^{2}\ \Phi_{324}^{2}\ \Phi_{216}^{2}\ \Phi_{162}^{2}\ \Phi_{81}^{2}\ \Phi_{72}^{2}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
70284	1186	1161	$\frac{25}{1161}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{568}{1161}$	$\Phi_{1161}\ \Phi_{387}\ \Phi_{129}\ \Phi_{43}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
70285	1186	680	$\frac{2}{85}$	$\frac{87}{680}$	$\frac{1}{5}$	$\frac{83}{170}$	$\Phi_{680}^{2}\ \Phi_{340}^{2}\ \Phi_{136}^{2}\ \Phi_{85}^{2}\ \Phi_{68}^{2}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{17}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
70286	1186	1155	$\frac{31}{1155}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{562}{1155}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}\ \Phi_{33}^{2}\ \Phi_{21}\ \Phi_{15}\ \Phi_{11}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
70287	1186	1155	$\frac{31}{1155}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{562}{1155}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}^{2}\ \Phi_{33}\ \Phi_{21}\ \Phi_{15}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
70288	1186	1152	$\frac{17}{576}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{559}{1152}$	$\Phi_{1152}^{2}\ \Phi_{384}^{2}\ \Phi_{128}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
70289	1186	3432	$\frac{21}{572}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{551}{1144}$	$\Phi_{3432}\ \Phi_{312}\ \Phi_{264}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{6}$
70290	1186	1140	$\frac{23}{570}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{547}{1140}$	$\Phi_{1140}^{2}\ \Phi_{380}^{2}\ \Phi_{228}^{2}\ \Phi_{76}^{2}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
70291	1186	1848	$\frac{23}{616}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{84}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{24}\ \Phi_{21}\ \Phi_{6}$
70292	1186	1134	$\frac{1}{27}$	$\frac{26}{567}$	$\frac{1}{3}$	$\frac{541}{1134}$	$\Phi_{1134}^{2}\ \Phi_{378}^{2}\ \Phi_{162}^{2}\ \Phi_{126}^{2}\ \Phi_{54}^{2}\ \Phi_{42}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
70293	1186	1125	$\frac{61}{1125}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{532}{1125}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{225}\ \Phi_{125}\ \Phi_{75}^{2}\ \Phi_{45}\ \Phi_{25}^{2}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
70294	1186	612	$\frac{19}{612}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{204}^{2}\ \Phi_{153}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{2}\ \Phi_{18}^{2}\ \Phi_{17}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
70295	1186	1122	$\frac{1}{33}$	$\frac{32}{561}$	$\frac{1}{3}$	$\frac{529}{1122}$	$\Phi_{1122}^2\ \Phi_{374}^2\ \Phi_{102}^2\ \Phi_{66}^2\ \Phi_{34}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
70296	1186	630	$\frac{2}{35}$	$\frac{37}{630}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
70297	1186	720	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{127}{720}$	$\frac{113}{240}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
70298	1186	1120	$\frac{2}{35}$	$\frac{33}{560}$	$\frac{1}{5}$	$\frac{527}{1120}$	$\Phi_{1120}^2\ \Phi_{224}^2\ \Phi_{160}^2\ \Phi_{35}^2\ \Phi_{32}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
70299	1186	780	$\frac{8}{195}$	$\frac{1}{15}$	$\frac{187}{780}$	$\frac{7}{15}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
70300	1186	630	$\frac{37}{630}$	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
70301	1186	1105	$\frac{4}{85}$	$\frac{81}{1105}$	$\frac{1}{5}$	$\frac{512}{1105}$	$\Phi_{1105}\ \Phi_{221}\ \Phi_{85}^2\ \Phi_{65}\ \Phi_{17}^2\ \Phi_{13}\ \Phi_5\ \Phi_1^2$
70302	1186	1089	$\frac{2}{99}$	$\frac{97}{1089}$	$\frac{1}{3}$	$\frac{496}{1089}$	$\Phi_{1089}\ \Phi_{363}\ \Phi_{121}\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
70303	1186	1080	$\frac{1}{54}$	$\frac{53}{540}$	$\frac{1}{3}$	$\frac{487}{1080}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{40}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
70304	1186	1080	$\frac{1}{15}$	$\frac{53}{540}$	$\frac{7}{60}$	$\frac{487}{1080}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
70305	1186	1056	$\frac{1}{66}$	$\frac{65}{528}$	$\frac{1}{3}$	$\frac{463}{1056}$	$\Phi_{1056}^2\ \Phi_{352}^2\ \Phi_{96}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{32}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
70306	1186	1050	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{68}{525}$	$\frac{457}{1050}$	$\Phi_{1050}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
70307	1186	1020	$\frac{2}{85}$	$\frac{83}{510}$	$\frac{1}{5}$	$\frac{427}{1020}$	$\Phi_{1020}^2\ \Phi_{340}^2\ \Phi_{204}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{17}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
70308	1186	600	$\frac{7}{600}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
70309	1186	990	$\frac{1}{99}$	$\frac{98}{495}$	$\frac{1}{3}$	$\frac{397}{990}$	$\Phi_{990}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
70310	1186	885	$\frac{3}{295}$	$\frac{1}{5}$	$\frac{292}{885}$	$\frac{2}{5}$	$\Phi_{885}^2\ \Phi_{177}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
70311	1186	600	$\frac{7}{600}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
70312	1186	960	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{113}{480}$	$\frac{367}{960}$	$\Phi_{960}^2\ \Phi_{320}^2\ \Phi_{192}^2\ \Phi_{120}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
70313	1186	948	$\frac{1}{79}$	$\frac{39}{158}$	$\frac{119}{474}$	$\frac{355}{948}$	$\Phi_{948}^2\ \Phi_{316}^2\ \Phi_{158}^2\ \Phi_{79}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
70314	1186	900	$\frac{7}{150}$	$\frac{1}{15}$	$\frac{143}{450}$	$\frac{307}{900}$	$\Phi_{900}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
70315	1186	891	$\frac{2}{297}$	$\frac{295}{891}$	$\frac{1}{3}$	$\frac{298}{891}$	$\Phi_{891}\ \Phi_{297}^2\ \Phi_{99}^2\ \Phi_{81}\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
70316	1186	882	$\frac{5}{294}$	$\frac{1}{6}$	$\frac{289}{882}$	$\frac{1}{3}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
70317	1186	648	$\frac{1}{27}$	$\frac{55}{648}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
70318	1186	864	$\frac{1}{18}$	$\frac{17}{288}$	$\frac{271}{864}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
70319	1186	858	$\frac{1}{22}$	$\frac{21}{286}$	$\frac{265}{858}$	$\frac{1}{3}$	$\Phi_{858}\ \Phi_{429}\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{78}\ \Phi_{66}^2\ \Phi_{39}\ \Phi_{33}^2\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
70320	1186	810	$\frac{1}{54}$	$\frac{53}{270}$	$\frac{217}{810}$	$\frac{1}{3}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
70321	1186	792	$\frac{1}{66}$	$\frac{65}{264}$	$\frac{199}{792}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{72}^2\ \Phi_{66}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
70322	1186	648	$\frac{1}{18}$	$\frac{55}{648}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
70323	1186	756	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{163}{756}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
70324	1186	660	$\frac{2}{33}$	$\frac{67}{660}$	$\frac{31}{165}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
70325	1186	630	$\frac{37}{630}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
70326	1186	720	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{127}{720}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
70327	1186	630	$\frac{37}{630}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
70328	1186	672	$\frac{5}{84}$	$\frac{79}{672}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
70329	1186	702	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{109}{702}$	$\frac{1}{3}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{234}^2\ \Phi_{78}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
70330	1186	693	$\frac{2}{33}$	$\frac{31}{231}$	$\frac{100}{693}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{231}\ \Phi_{99}^2\ \Phi_{77}\ \Phi_{63}^2\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
70331	1186	765	$\frac{2}{85}$	$\frac{1}{5}$	$\frac{172}{765}$	$\frac{83}{255}$	$\Phi_{765}^2\ \Phi_{153}^2\ \Phi_{85}^2\ \Phi_{45}^2\ \Phi_{17}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
70332	1186	630	$\frac{37}{630}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
70333	1186	720	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{127}{720}$	$\frac{53}{180}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
70334	1186	840	$\frac{2}{35}$	$\frac{33}{280}$	$\frac{1}{5}$	$\frac{247}{840}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
70335	1186	675	$\frac{1}{15}$	$\frac{82}{675}$	$\frac{14}{75}$	$\frac{61}{225}$	$\Phi_{675}^2\ \Phi_{225}\ \Phi_{135}^2\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
70336	1186	700	$\frac{2}{35}$	$\frac{107}{700}$	$\frac{1}{5}$	$\frac{33}{140}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
70337	1186	770	$\frac{31}{385}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{177}{770}$	$\Phi_{770}^2\ \Phi_{385}\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}\ \Phi_{70}^2\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
70338	1186	750	$\frac{1}{15}$	$\frac{61}{375}$	$\frac{14}{75}$	$\frac{157}{750}$	$\Phi_{750}^2\ \Phi_{375}\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{125}\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
70339	1188	1776	$\frac{1}{296}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{295}{592}$	$\Phi_{1776}\ \Phi_{592}^2\ \Phi_{48}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
70340	1188	985	$\frac{1}{197}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{98}{197}$	$\Phi_{985}\ \Phi_{197}^2\ \Phi_5^2\ \Phi_1^4$
70341	1188	2364	$\frac{1}{197}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{98}{197}$	$\Phi_{2364}\ \Phi_{1182}\ \Phi_{12}^2\ \Phi_6^2$
70342	1188	1187	$\frac{7}{1187}$	$\frac{199}{1187}$	$\frac{494}{1187}$	$\frac{590}{1187}$	$\Phi_{1187}\ \Phi_1^2$
70343	1188	1770	$\frac{2}{295}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{293}{590}$	$\Phi_{1770}^2\ \Phi_{354}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
70344	1188	1588	$\frac{3}{397}$	$\frac{1}{4}$	$\frac{100}{397}$	$\frac{197}{397}$	$\Phi_{1588}\ \Phi_{794}$
70345	1188	1187	$\frac{9}{1187}$	$\frac{296}{1187}$	$\frac{299}{1187}$	$\frac{589}{1187}$	$\Phi_{1187}\ \Phi_1^2$
70346	1188	2096	$\frac{1}{131}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{65}{131}$	$\Phi_{2096}\ \Phi_{131}\ \Phi_{16}^2\ \Phi_1^2$
70347	1188	524	$\frac{1}{131}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{65}{131}$	$\Phi_{524}^2\ \Phi_{262}^2\ \Phi_{131}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
70348	1188	357	$\frac{1}{119}$	$\frac{20}{119}$	$\frac{1}{3}$	$\frac{59}{119}$	$\Phi_{357}^5\ \Phi_{51}^5\ \Phi_{21}^5\ \Phi_3^4$
70349	1188	2140	$\frac{1}{107}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{53}{107}$	$\Phi_{2140}\ \Phi_{428}\ \Phi_{107}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
70350	1188	1605	$\frac{1}{107}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{53}{107}$	$\Phi_{1605}\ \Phi_{321}\ \Phi_{107}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
70351	1188	2156	$\frac{1}{98}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{97}{196}$	$\Phi_{2156}\ \Phi_{308}\ \Phi_{196}^2\ \Phi_{44}\ \Phi_{28}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
70352	1188	588	$\frac{1}{98}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{97}{196}$	$\Phi_{588}^6\ \Phi_{84}^6\ \Phi_{21}\ \Phi_{12}^6$
70353	1188	2156	$\frac{1}{98}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{97}{196}$	$\Phi_{2156}\ \Phi_{308}\ \Phi_{196}^2\ \Phi_{44}\ \Phi_{28}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
70354	1188	980	$\frac{1}{98}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{97}{196}$	$\Phi_{980}\ \Phi_{490}^2\ \Phi_{245}^2\ \Phi_{140}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
70355	1188	1187	$\frac{13}{1187}$	$\frac{200}{1187}$	$\frac{329}{1187}$	$\frac{587}{1187}$	$\Phi_{1187}\ \Phi_1^2$
70356	1188	1020	$\frac{1}{85}$	$\frac{43}{340}$	$\frac{1}{3}$	$\frac{42}{85}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{255}\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{60}^2\ \Phi_{51}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
70357	1188	1588	$\frac{5}{397}$	$\frac{67}{397}$	$\frac{1}{4}$	$\frac{196}{397}$	$\Phi_{1588}\ \Phi_{794}$
70358	1188	1105	$\frac{1}{65}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{32}{65}$	$\Phi_{1105}\ \Phi_{221}\ \Phi_{85}\ \Phi_{65}^2\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
70359	1188	390	$\frac{1}{65}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{32}{65}$	$\Phi_{390}^5\ \Phi_{195}^4\ \Phi_{78}^5\ \Phi_{39}^4\ \Phi_{30}^6\ \Phi_{15}^5\ \Phi_6^6\ \Phi_3^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
70360	1188	1105	$\frac{1}{65}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{32}{65}$	$\Phi_{1105}\ \Phi_{221}\ \Phi_{85}\ \Phi_{65}^2\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
70361	1188	1820	$\frac{1}{65}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{32}{65}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{364}\ \Phi_{182}\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}^2\ \Phi_{14}^2$
70362	1188	1187	$\frac{19}{1187}$	$\frac{67}{1187}$	$\frac{560}{1187}$	$\frac{584}{1187}$	$\Phi_{1187}\ \Phi_1^2$
70363	1188	1113	$\frac{1}{53}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{26}{53}$	$\Phi_{1113}\ \Phi_{371}\ \Phi_{159}\ \Phi_{53}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
70364	1188	636	$\frac{1}{53}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{636}^2\ \Phi_{318}^2\ \Phi_{212}^2\ \Phi_{159}\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
70365	1188	742	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{26}{53}$	$\Phi_{742}^2\ \Phi_{371}\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
70366	1188	1187	$\frac{23}{1187}$	$\frac{55}{1187}$	$\frac{566}{1187}$	$\frac{582}{1187}$	$\Phi_{1187}\ \Phi_1^2$
70367	1188	1187	$\frac{25}{1187}$	$\frac{101}{1187}$	$\frac{362}{1187}$	$\frac{581}{1187}$	$\Phi_{1187}\ \Phi_1^2$
70368	1188	1330	$\frac{3}{133}$	$\frac{1}{10}$	$\frac{34}{133}$	$\frac{65}{133}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{266}\ \Phi_{190}\ \Phi_{95}\ \Phi_{70}\ \Phi_{38}\ \Phi_{35}\ \Phi_{14}$
70369	1188	2236	$\frac{1}{43}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{21}{43}$	$\Phi_{2236}\ \Phi_{172}\ \Phi_{52}^2\ \Phi_{43}\ \Phi_4^2\ \Phi_1^2$
70370	1188	559	$\frac{1}{43}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{21}{43}$	$\Phi_{559}^2\ \Phi_{43}^3\ \Phi_{13}^4\ \Phi_1^6$
70371	1188	860	$\frac{1}{43}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{21}{43}$	$\Phi_{860}^2\ \Phi_{430}\ \Phi_{215}\ \Phi_{172}\ \Phi_{43}\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
70372	1188	1393	$\frac{5}{199}$	$\frac{1}{7}$	$\frac{34}{199}$	$\frac{97}{199}$	Φ_{1393}
70373	1188	1187	$\frac{31}{1187}$	$\frac{164}{1187}$	$\frac{203}{1187}$	$\frac{578}{1187}$	$\Phi_{1187}\ \Phi_1^2$
70374	1188	1308	$\frac{3}{109}$	$\frac{1}{12}$	$\frac{28}{109}$	$\frac{53}{109}$	$\Phi_{1308}\ \Phi_{654}\ \Phi_{436}\ \Phi_{327}\ \Phi_{218}$
70375	1188	1734	$\frac{8}{289}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{281}{578}$	$\Phi_{1734}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_6^2$
70376	1188	1588	$\frac{11}{397}$	$\frac{34}{397}$	$\frac{1}{4}$	$\frac{193}{397}$	$\Phi_{1588}\ \Phi_{794}$
70377	1188	1187	$\frac{33}{1187}$	$\frac{98}{1187}$	$\frac{305}{1187}$	$\frac{577}{1187}$	$\Phi_{1187}\ \Phi_1^2$
70378	1188	2240	$\frac{1}{35}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{17}{35}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{64}^2\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
70379	1188	105	$\frac{1}{35}$	$\frac{2}{35}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{105}^{17}\ \Phi_{21}^{17}\ \Phi_{15}^{17}\ \Phi_3^{16}$
70380	1188	560	$\frac{1}{35}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{17}{35}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{16}^4$ $\Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^4\ \Phi_7^3\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
70381	1188	420	$\frac{1}{35}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^2\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}^2\ \Phi_{21}^3$ $\Phi_{20}^2\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}^6\ \Phi_{10}^2\ \Phi_7^3\ \Phi_6^6\ \Phi_5^3\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
70382	1188	280	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{17}{35}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^4\ \Phi_{40}^5\ \Phi_{35}^5\ \Phi_{28}^4\ \Phi_{20}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_8^4\ \Phi_7^5\ \Phi_5^6$ $\Phi_4^4\ \Phi_2^4\ \Phi_1^6$
70383	1188	1187	$\frac{37}{1187}$	$\frac{68}{1187}$	$\frac{373}{1187}$	$\frac{575}{1187}$	$\Phi_{1187}\ \Phi_1^2$
70384	1188	3648	$\frac{1}{32}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{3648}\ \Phi_{57}$
70385	1188	2240	$\frac{1}{32}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{31}{64}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{64}^2\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
70386	1188	832	$\frac{1}{32}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{832}^3\ \Phi_{52}\ \Phi_{26}$
70387	1188	2240	$\frac{1}{32}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{31}{64}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{64}^2\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
70388	1188	320	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{31}{64}$	$\Phi_{320}^7\ \Phi_{64}^8\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
70389	1188	448	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{31}{64}$	$\Phi_{448}^5\ \Phi_{64}^6\ \Phi_7^5\ \Phi_1^6$
70390	1188	1187	$\frac{41}{1187}$	$\frac{80}{1187}$	$\frac{307}{1187}$	$\frac{573}{1187}$	$\Phi_{1187}\ \Phi_1^2$
70391	1188	255	$\frac{3}{85}$	$\frac{4}{85}$	$\frac{1}{3}$	$\frac{41}{85}$	$\Phi_{255}^7\ \Phi_{51}^7\ \Phi_{15}^7\ \Phi_3^6$
70392	1188	1330	$\frac{5}{133}$	$\frac{1}{10}$	$\frac{23}{133}$	$\frac{64}{133}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{266}\ \Phi_{190}\ \Phi_{95}\ \Phi_{70}\ \Phi_{38}\ \Phi_{35}\ \Phi_{14}$
70393	1188	1187	$\frac{45}{1187}$	$\frac{56}{1187}$	$\frac{377}{1187}$	$\frac{571}{1187}$	$\Phi_{1187}\ \Phi_1^2$
70394	1188	3588	$\frac{1}{26}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{3588}\ \Phi_{276}\ \Phi_{69}$
70395	1188	2236	$\frac{1}{26}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{25}{52}$	$\Phi_{2236}\ \Phi_{172}\ \Phi_{52}^2\ \Phi_{43}\ \Phi_4^2\ \Phi_1^2$
70396	1188	780	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_5^2$
70397	1188	1187	$\frac{49}{1187}$	$\frac{109}{1187}$	$\frac{206}{1187}$	$\frac{569}{1187}$	$\Phi_{1187}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
70398	1188	2470	$\frac{4}{95}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{91}{190}$	$\Phi_{2470}\ \Phi_{494}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
70399	1188	1588	$\frac{17}{397}$	$\frac{23}{397}$	$\frac{1}{4}$	$\frac{190}{397}$	$\Phi_{1588}\ \Phi_{794}$
70400	1188	1308	$\frac{5}{109}$	$\frac{1}{12}$	$\frac{19}{109}$	$\frac{52}{109}$	$\Phi_{1308}\ \Phi_{654}\ \Phi_{436}\ \Phi_{327}\ \Phi_{218}$
70401	1188	84	$\frac{1}{28}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{84}^{15}\ \Phi_{42}^{15}\ \Phi_{28}^{14}\ \Phi_{21}^{13}\ \Phi_{14}^{14}\ \Phi_{12}^{15}\ \Phi_{7}^{12}\ \Phi_{6}^{15}\ \Phi_{4}^{14}\ \Phi_{3}^{12}\ \Phi_{2}^{14}\ \Phi_{1}^{12}$
70402	1188	1113	$\frac{2}{53}$	$\frac{1}{21}$	$\frac{17}{53}$	$\frac{10}{21}$	$\Phi_{1113}\ \Phi_{371}\ \Phi_{159}\ \Phi_{53}^2\ \Phi_{21}^2\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
70403	1188	1596	$\frac{1}{21}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{266}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{38}^2$
70404	1188	1113	$\frac{1}{21}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{10}{21}$	$\Phi_{1113}\ \Phi_{371}\ \Phi_{159}\ \Phi_{53}^2\ \Phi_{21}^2\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
70405	1188	210	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{10}{21}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^7\ \Phi_{42}^6\ \Phi_{35}^7\ \Phi_{30}^6\ \Phi_{15}^6\ \Phi_{14}^7\ \Phi_{10}^6\ \Phi_{6}^6\ \Phi_{5}^6\ \Phi_{2}^6$
70406	1188	520	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{7}{40}$	$\frac{19}{40}$	$\Phi_{520}^2\ \Phi_{260}^3\ \Phi_{130}^3\ \Phi_{104}^2\ \Phi_{65}^3\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{13}^2$
70407	1188	1187	$\frac{61}{1187}$	$\frac{89}{1187}$	$\frac{208}{1187}$	$\frac{563}{1187}$	$\Phi_{1187}\ \Phi_{1}^2$
70408	1188	190	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{5}{38}$	$\frac{9}{19}$	$\Phi_{190}^7\ \Phi_{95}^7\ \Phi_{38}^3\ \Phi_{19}^4\ \Phi_{10}^6\ \Phi_{5}^6\ \Phi_{2}^2\ \Phi_{1}^4$
70409	1188	1588	$\frac{19}{397}$	$\frac{21}{397}$	$\frac{1}{4}$	$\frac{188}{397}$	$\Phi_{1588}\ \Phi_{794}$
70410	1188	102	$\frac{1}{34}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{102}^{18}\ \Phi_{51}^{17}\ \Phi_{6}^{18}\ \Phi_{3}^{16}$
70411	1188	1105	$\frac{2}{65}$	$\frac{1}{17}$	$\frac{21}{65}$	$\frac{8}{17}$	$\Phi_{1105}\ \Phi_{221}\ \Phi_{85}\ \Phi_{65}^2\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_{5}^2\ \Phi_{1}^4$
70412	1188	1564	$\frac{1}{23}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{1564}\ \Phi_{782}\ \Phi_{92}^2\ \Phi_{46}^2$
70413	1188	595	$\frac{2}{35}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{595}^2\ \Phi_{119}^2\ \Phi_{85}\ \Phi_{35}^4\ \Phi_{17}^2\ \Phi_{7}^4\ \Phi_{5}^2\ \Phi_{1}^4$
70414	1188	221	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{8}{17}$	$\Phi_{221}^5\ \Phi_{17}^6\ \Phi_{13}^{10}\ \Phi_{1}^{12}$
70415	1188	1428	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{8}{17}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{238}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2$
70416	1188	1680	$\frac{1}{35}$	$\frac{17}{280}$	$\frac{1}{3}$	$\frac{263}{560}$	$\Phi_{1680}^2\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{105}\ \Phi_{48}^2\ \Phi_{21}\ \Phi_{15}$
70417	1188	1187	$\frac{35}{1187}$	$\frac{73}{1187}$	$\frac{384}{1187}$	$\frac{557}{1187}$	$\Phi_{1187}\ \Phi_{1}^2$
70418	1188	420	$\frac{1}{28}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
70419	1188	1273	$\frac{1}{19}$	$\frac{5}{67}$	$\frac{12}{67}$	$\frac{31}{67}$	Φ_{1273}
70420	1188	1187	$\frac{29}{1187}$	$\frac{89}{1187}$	$\frac{386}{1187}$	$\frac{549}{1187}$	$\Phi_{1187}\ \Phi_{1}^2$
70421	1188	1187	$\frac{71}{1187}$	$\frac{91}{1187}$	$\frac{186}{1187}$	$\frac{548}{1187}$	$\Phi_{1187}\ \Phi_{1}^2$
70422	1188	1150	$\frac{1}{23}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{1150}^2\ \Phi_{230}^2\ \Phi_{115}\ \Phi_{46}^2$
70423	1188	1258	$\frac{1}{34}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{1258}\ \Phi_{629}\ \Phi_{74}$
70424	1188	1187	$\frac{97}{1187}$	$\frac{107}{1187}$	$\frac{120}{1187}$	$\frac{545}{1187}$	$\Phi_{1187}\ \Phi_{1}^2$
70425	1188	1330	$\frac{11}{133}$	$\frac{12}{133}$	$\frac{1}{10}$	$\frac{61}{133}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{266}\ \Phi_{190}\ \Phi_{95}\ \Phi_{70}\ \Phi_{38}\ \Phi_{35}\ \Phi_{14}$
70426	1188	1393	$\frac{12}{199}$	$\frac{17}{199}$	$\frac{1}{7}$	$\frac{91}{199}$	Φ_{1393}
70427	1188	1187	$\frac{54}{1187}$	$\frac{103}{1187}$	$\frac{215}{1187}$	$\frac{542}{1187}$	$\Phi_{1187}\ \Phi_{1}^2$
70428	1188	1588	$\frac{12}{397}$	$\frac{35}{397}$	$\frac{1}{4}$	$\frac{181}{397}$	$\Phi_{1588}\ \Phi_{794}$
70429	1188	1187	$\frac{32}{1187}$	$\frac{105}{1187}$	$\frac{323}{1187}$	$\frac{541}{1187}$	$\Phi_{1187}\ \Phi_{1}^2$
70430	1188	1785	$\frac{12}{595}$	$\frac{53}{595}$	$\frac{1}{3}$	$\frac{271}{595}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{105}\ \Phi_{51}\ \Phi_{21}\ \Phi_{15}$
70431	1188	539	$\frac{1}{49}$	$\frac{1}{11}$	$\frac{16}{49}$	$\frac{5}{11}$	$\Phi_{539}^2\ \Phi_{77}^2\ \Phi_{49}^4\ \Phi_{11}^3\ \Phi_{7}^4\ \Phi_{1}^6$
70432	1188	748	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{748}^2\ \Phi_{374}\ \Phi_{187}\ \Phi_{68}^4\ \Phi_{44}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{11}\ \Phi_{4}^2\ \Phi_{1}^2$
70433	1188	253	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{253}^5\ \Phi_{23}^4$
70434	1188	385	$\frac{2}{35}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{385}^3\ \Phi_{77}^2\ \Phi_{55}^3\ \Phi_{35}^6\ \Phi_{11}^3\ \Phi_{7}^4\ \Phi_{5}^6\ \Phi_{1}^6$
70435	1188	1232	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{112}$	$\frac{5}{11}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{176}\ \Phi_{112}^2\ \Phi_{88}\ \Phi_{56}^2\ \Phi_{44}\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
70436	1188	539	$\frac{4}{49}$	$\frac{1}{11}$	$\frac{5}{49}$	$\frac{5}{11}$	$\Phi_{539}^2\ \Phi_{77}^2\ \Phi_{49}^4\ \Phi_{11}^3\ \Phi_{7}^4\ \Phi_{1}^6$
70437	1188	660	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{11}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}^4\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
70438	1188	1187	$\frac{59}{1187}$	$\frac{111}{1187}$	$\frac{188}{1187}$	$\frac{538}{1187}$	$\Phi_{1187}\ \Phi_{1}^2$
70439	1188	660	$\frac{1}{55}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{660}^5\ \Phi_{165}\ \Phi_{132}^5\ \Phi_{60}^4\ \Phi_{33}\ \Phi_{15}\ \Phi_{12}^4$
70440	1188	2140	$\frac{2}{107}$	$\frac{1}{10}$	$\frac{35}{107}$	$\frac{9}{20}$	$\Phi_{2140}\ \Phi_{428}\ \Phi_{107}\ \Phi_{20}^2\ \Phi_{4}^2\ \Phi_{1}^2$
70441	1188	740	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{740}\ \Phi_{370}^2\ \Phi_{185}^2\ \Phi_{148}^2\ \Phi_{74}^3\ \Phi_{37}^2$
70442	1188	2140	$\frac{3}{107}$	$\frac{1}{10}$	$\frac{26}{107}$	$\frac{9}{20}$	$\Phi_{2140}\ \Phi_{428}\ \Phi_{107}\ \Phi_{20}^2\ \Phi_{4}^2\ \Phi_{1}^2$
70443	1188	140	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{140}^9\ \Phi_{70}^9\ \Phi_{35}^9\ \Phi_{28}^8\ \Phi_{20}^5\ \Phi_{14}^8\ \Phi_{10}^9\ \Phi_{7}^8\ \Phi_{5}^8\ \Phi_{4}^4\ \Phi_{2}^8\ \Phi_{1}^8$
70444	1188	2140	$\frac{5}{107}$	$\frac{1}{10}$	$\frac{17}{107}$	$\frac{9}{20}$	$\Phi_{2140}\ \Phi_{428}\ \Phi_{107}\ \Phi_{20}^2\ \Phi_{4}^2\ \Phi_{1}^2$
70445	1188	2660	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{2660}\ \Phi_{532}\ \Phi_{133}$
70446	1188	2140	$\frac{8}{107}$	$\frac{1}{10}$	$\frac{11}{107}$	$\frac{9}{20}$	$\Phi_{2140}\ \Phi_{428}\ \Phi_{107}\ \Phi_{20}^2\ \Phi_{4}^2\ \Phi_{1}^2$
70447	1188	260	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{260}^9\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}^9\ \Phi_{26}$
70448	1188	1308	$\frac{1}{12}$	$\frac{10}{109}$	$\frac{11}{109}$	$\frac{49}{109}$	$\Phi_{1308}\ \Phi_{654}\ \Phi_{436}\ \Phi_{327}\ \Phi_{218}$
70449	1188	1187	$\frac{98}{1187}$	$\frac{109}{1187}$	$\frac{121}{1187}$	$\frac{533}{1187}$	$\Phi_{1187}\ \Phi_{1}^2$
70450	1188	1393	$\frac{10}{199}$	$\frac{21}{199}$	$\frac{1}{7}$	$\frac{89}{199}$	Φ_{1393}
70451	1188	1187	$\frac{44}{1187}$	$\frac{127}{1187}$	$\frac{219}{1187}$	$\frac{530}{1187}$	$\Phi_{1187}\ \Phi_{1}^2$
70452	1188	1588	$\frac{10}{397}$	$\frac{43}{397}$	$\frac{1}{4}$	$\frac{177}{397}$	$\Phi_{1588}\ \Phi_{794}$
70453	1188	1187	$\frac{26}{1187}$	$\frac{129}{1187}$	$\frac{329}{1187}$	$\frac{529}{1187}$	$\Phi_{1187}\ \Phi_{1}^2$
70454	1188	357	$\frac{2}{119}$	$\frac{13}{119}$	$\frac{1}{3}$	$\frac{53}{119}$	$\Phi_{357}^5\ \Phi_{51}^5\ \Phi_{21}^5\ \Phi_{3}^4$
70455	1188	756	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}\ \Phi_{189}^2\ \Phi_{126}\ \Phi_{108}^2\ \Phi_{84}\ \Phi_{63}\ \Phi_{54}^2\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
70456	1188	1187	$\frac{20}{1187}$	$\frac{133}{1187}$	$\frac{389}{1187}$	$\frac{527}{1187}$	$\Phi_{1187}\ \Phi_{1}^2$
70457	1188	3216	$\frac{1}{67}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{3216}\ \Phi_{201}$
70458	1188	2096	$\frac{2}{131}$	$\frac{1}{8}$	$\frac{43}{131}$	$\frac{7}{16}$	$\Phi_{2096}\ \Phi_{131}\ \Phi_{16}^2\ \Phi_{1}^2$
70459	1188	720	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{180}\ \Phi_{144}^3\ \Phi_{90}\ \Phi_{80}^3\ \Phi_{60}\ \Phi_{48}^3\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
70460	1188	2096	$\frac{3}{131}$	$\frac{1}{8}$	$\frac{32}{131}$	$\frac{7}{16}$	$\Phi_{2096}\ \Phi_{131}\ \Phi_{16}^2\ \Phi_{1}^2$
70461	1188	1360	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{1360}^2\ \Phi_{170}\ \Phi_{85}\ \Phi_{80}\ \Phi_{10}$
70462	1188	2096	$\frac{5}{131}$	$\frac{1}{8}$	$\frac{21}{131}$	$\frac{7}{16}$	$\Phi_{2096}\ \Phi_{131}\ \Phi_{16}^2\ \Phi_{1}^2$
70463	1188	2576	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{2576}\ \Phi_{161}$
70464	1188	2096	$\frac{10}{131}$	$\frac{11}{131}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2096}\ \Phi_{131}\ \Phi_{16}^2\ \Phi_{1}^2$
70465	1188	624	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{624}^4\ \Phi_{208}^3\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
70466	1188	1258	$\frac{1}{34}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{1258}\ \Phi_{629}\ \Phi_{74}$
70467	1188	903	$\frac{4}{301}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{903}^2\ \Phi_{129}^2\ \Phi_{21}$
70468	1188	70	$\frac{2}{35}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{70}^{19}\ \Phi_{35}^{15}\ \Phi_{14}^{19}\ \Phi_{10}^{18}\ \Phi_{7}^{16}\ \Phi_{5}^{14}\ \Phi_{2}^{18}\ \Phi_{1}^{16}$
70469	1188	1187	$\frac{62}{1187}$	$\frac{125}{1187}$	$\frac{177}{1187}$	$\frac{505}{1187}$	$\Phi_{1187}\ \Phi_{1}^2$
70470	1188	1187	$\frac{76}{1187}$	$\frac{101}{1187}$	$\frac{181}{1187}$	$\frac{503}{1187}$	$\Phi_{1187}\ \Phi_{1}^2$
70471	1188	1308	$\frac{7}{109}$	$\frac{1}{12}$	$\frac{17}{109}$	$\frac{46}{109}$	$\Phi_{1308}\ \Phi_{654}\ \Phi_{436}\ \Phi_{327}\ \Phi_{218}$
70472	1188	190	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{3}{19}$	$\frac{8}{19}$	$\Phi_{190}^7\ \Phi_{95}^7\ \Phi_{38}^7\ \Phi_{10}^6\ \Phi_{5}^6\ \Phi_{2}^6$
70473	1188	1187	$\frac{29}{1187}$	$\frac{193}{1187}$	$\frac{230}{1187}$	$\frac{497}{1187}$	$\Phi_{1187}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
70474	1188	1588	$\frac{7}{397}$	$\frac{65}{397}$	$\frac{1}{4}$	$\frac{166}{397}$	$\Phi_{1588}\ \Phi_{794}$
70475	1188	510	$\frac{1}{85}$	$\frac{14}{85}$	$\frac{1}{3}$	$\frac{71}{170}$	$\Phi_{510}^6\ \Phi_{255}\ \Phi_{102}^6\ \Phi_{51}\ \Phi_{30}^6\ \Phi_{15}\ \Phi_6^6$
70476	1188	300	$\frac{1}{100}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{75}^6\ \Phi_{60}^6\ \Phi_{30}^6\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^4$
70477	1188	985	$\frac{2}{197}$	$\frac{1}{5}$	$\frac{65}{197}$	$\frac{2}{5}$	$\Phi_{985}\ \Phi_{197}^2\ \Phi_5^2\ \Phi_1^4$
70478	1188	1340	$\frac{1}{67}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1340}\ \Phi_{670}\ \Phi_{268}^2\ \Phi_{134}^2$
70479	1188	985	$\frac{5}{197}$	$\frac{32}{197}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{985}\ \Phi_{197}^2\ \Phi_5^2\ \Phi_1^4$
70480	1188	1190	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{70}\ \Phi_{14}^2$
70481	1188	700	$\frac{1}{28}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{140}\ \Phi_{100}^2\ \Phi_{70}\ \Phi_{50}^2\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
70482	1188	985	$\frac{8}{197}$	$\frac{21}{197}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{985}\ \Phi_{197}^2\ \Phi_5^2\ \Phi_1^4$
70483	1188	230	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{230}^6\ \Phi_{115}^5\ \Phi_{46}^6\ \Phi_{23}^4$
70484	1188	985	$\frac{10}{197}$	$\frac{17}{197}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{985}\ \Phi_{197}^2\ \Phi_5^2\ \Phi_1^4$
70485	1188	1140	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}^2\ \Phi_{190}\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^2$
70486	1188	1962	$\frac{1}{109}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1962}\ \Phi_{654}\ \Phi_{327}\ \Phi_{218}$
70487	1188	252	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{252}^5\ \Phi_{126}^5\ \Phi_{84}^5\ \Phi_{63}^5\ \Phi_{42}^5\ \Phi_{36}^5\ \Phi_{28}^4\ \Phi_{21}^5\ \Phi_{18}\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_9^4\ \Phi_7^4\ \Phi_6\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
70488	1188	1187	$\frac{11}{1187}$	$\frac{265}{1187}$	$\frac{392}{1187}$	$\frac{461}{1187}$	$\Phi_{1187}\ \Phi_1^2$
70489	1188	1012	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{1012}^2\ \Phi_{253}\ \Phi_{92}^2$
70490	1188	1300	$\frac{1}{100}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{325}\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
70491	1188	2080	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{19}{80}$	$\frac{61}{160}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
70492	1188	1428	$\frac{1}{119}$	$\frac{59}{238}$	$\frac{1}{3}$	$\frac{179}{476}$	$\Phi_{1428}^2\ \Phi_{357}\ \Phi_{204}^2\ \Phi_{84}^2\ \Phi_{51}\ \Phi_{21}\ \Phi_{12}^2$
70493	1188	1744	$\frac{1}{109}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1744}\ \Phi_{436}\ \Phi_{218}$
70494	1188	1440	$\frac{1}{45}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
70495	1188	104	$\frac{5}{104}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{104}^{11}\ \Phi_{52}^{12}\ \Phi_{26}^{12}\ \Phi_{13}^{11}\ \Phi_8^{12}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
70496	1188	1273	$\frac{1}{67}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	Φ_{1273}
70497	1188	1187	$\frac{23}{1187}$	$\frac{194}{1187}$	$\frac{331}{1187}$	$\frac{428}{1187}$	$\Phi_{1187}\ \Phi_1^2$
70498	1188	630	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{630}^3\ \Phi_{315}\ \Phi_{210}^3\ \Phi_{126}^3\ \Phi_{105}\ \Phi_{90}^3\ \Phi_{70}^3\ \Phi_{63}\ \Phi_{42}^3\ \Phi_{35}\ \Phi_{30}^3\ \Phi_{21}\ \Phi_{18}^3\ \Phi_{10}^3\ \Phi_6^3$
70499	1188	1258	$\frac{1}{34}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{1258}\ \Phi_{629}\ \Phi_{74}$
70500	1188	1187	$\frac{35}{1187}$	$\frac{128}{1187}$	$\frac{353}{1187}$	$\frac{417}{1187}$	$\Phi_{1187}\ \Phi_1^2$
70501	1188	1187	$\frac{43}{1187}$	$\frac{104}{1187}$	$\frac{361}{1187}$	$\frac{413}{1187}$	$\Phi_{1187}\ \Phi_1^2$
70502	1188	1265	$\frac{1}{23}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{1265}\ \Phi_{253}\ \Phi_{115}$
70503	1188	1273	$\frac{1}{19}$	$\frac{4}{67}$	$\frac{21}{67}$	$\frac{23}{67}$	Φ_{1273}
70504	1188	1187	$\frac{62}{1187}$	$\frac{71}{1187}$	$\frac{375}{1187}$	$\frac{406}{1187}$	$\Phi_{1187}\ \Phi_1^2$
70505	1188	1187	$\frac{50}{1187}$	$\frac{87}{1187}$	$\frac{379}{1187}$	$\frac{404}{1187}$	$\Phi_{1187}\ \Phi_1^2$
70506	1188	650	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{8}{25}$	$\frac{17}{50}$	$\Phi_{650}^3\ \Phi_{325}\ \Phi_{130}^3\ \Phi_{65}\ \Phi_{26}^3$
70507	1188	1308	$\frac{4}{109}$	$\frac{1}{12}$	$\frac{35}{109}$	$\frac{37}{109}$	$\Phi_{1308}\ \Phi_{654}\ \Phi_{436}\ \Phi_{327}\ \Phi_{218}$
70508	1188	1330	$\frac{4}{133}$	$\frac{1}{10}$	$\frac{43}{133}$	$\frac{45}{133}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{266}\ \Phi_{190}\ \Phi_{95}\ \Phi_{70}\ \Phi_{38}\ \Phi_{35}\ \Phi_{14}$
70509	1188	1187	$\frac{32}{1187}$	$\frac{131}{1187}$	$\frac{385}{1187}$	$\frac{401}{1187}$	$\Phi_{1187}\ \Phi_1^2$
70510	1188	1393	$\frac{4}{199}$	$\frac{1}{7}$	$\frac{65}{199}$	$\frac{67}{199}$	Φ_{1393}
70511	1188	1187	$\frac{14}{1187}$	$\frac{263}{1187}$	$\frac{391}{1187}$	$\frac{398}{1187}$	$\Phi_{1187}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
70512	1188	1588	$\frac{4}{397}$	$\frac{1}{4}$	$\frac{131}{397}$	$\frac{133}{397}$	$\Phi_{1588}\ \Phi_{794}$
70513	1188	1187	$\frac{8}{1187}$	$\frac{393}{1187}$	$\frac{395}{1187}$	$\frac{397}{1187}$	$\Phi_{1187}\ \Phi_{1}^{2}$
70514	1188	1785	$\frac{4}{595}$	$\frac{197}{595}$	$\frac{1}{3}$	$\frac{199}{595}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{105}\ \Phi_{51}\ \Phi_{21}\ \Phi_{15}$
70515	1188	444	$\frac{1}{148}$	$\frac{49}{148}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{444}^{2}\ \Phi_{222}^{2}\ \Phi_{148}^{4}\ \Phi_{111}^{2}\ \Phi_{74}^{4}\ \Phi_{37}^{4}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
70516	1188	300	$\frac{1}{100}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{300}^{3}\ \Phi_{150}^{3}\ \Phi_{100}^{6}\ \Phi_{75}^{3}\ \Phi_{60}^{3}\ \Phi_{50}^{6}\ \Phi_{30}^{3}\ \Phi_{25}^{6}\ \Phi_{20}^{6}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{6}\ \Phi_{6}^{2}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
70517	1188	1110	$\frac{1}{74}$	$\frac{73}{370}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1110}\ \Phi_{555}\ \Phi_{370}^{2}\ \Phi_{185}^{2}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
70518	1188	912	$\frac{7}{304}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}^{2}\ \Phi_{228}\ \Phi_{152}^{2}\ \Phi_{114}\ \Phi_{76}^{2}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{16}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
70519	1188	111	$\frac{1}{37}$	$\frac{4}{37}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{111}^{8}\ \Phi_{37}^{16}\ \Phi_{3}^{9}\ \Phi_{1}^{18}$
70520	1188	510	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{510}^{2}\ \Phi_{255}^{2}\ \Phi_{170}^{4}\ \Phi_{102}\ \Phi_{85}^{4}\ \Phi_{51}\ \Phi_{34}^{2}\ \Phi_{30}\ \Phi_{17}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
70521	1188	444	$\frac{5}{148}$	$\frac{13}{148}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{444}^{2}\ \Phi_{222}^{2}\ \Phi_{148}^{4}\ \Phi_{111}^{2}\ \Phi_{74}^{4}\ \Phi_{37}^{4}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
70522	1188	84	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{84}^{15}\ \Phi_{42}^{15}\ \Phi_{28}^{14}\ \Phi_{21}^{15}\ \Phi_{14}^{14}\ \Phi_{12}^{11}\ \Phi_{7}^{14}\ \Phi_{6}^{11}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
70523	1188	2364	$\frac{2}{197}$	$\frac{1}{4}$	$\frac{65}{197}$	$\frac{1}{3}$	$\Phi_{2364}\ \Phi_{1182}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
70524	1188	255	$\frac{1}{85}$	$\frac{19}{85}$	$\frac{28}{85}$	$\frac{1}{3}$	$\Phi_{255}^{7}\ \Phi_{51}^{7}\ \Phi_{15}^{7}\ \Phi_{3}^{6}$
70525	1188	885	$\frac{4}{295}$	$\frac{1}{5}$	$\frac{97}{295}$	$\frac{1}{3}$	$\Phi_{885}^{2}\ \Phi_{177}^{2}\ \Phi_{15}^{3}\ \Phi_{3}^{2}$
70526	1188	147	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{16}{49}$	$\frac{1}{3}$	$\Phi_{147}^{12}\ \Phi_{21}^{13}\ \Phi_{3}^{12}$
70527	1188	1785	$\frac{16}{595}$	$\frac{67}{595}$	$\frac{193}{595}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{105}\ \Phi_{51}\ \Phi_{21}\ \Phi_{15}$
70528	1188	390	$\frac{2}{65}$	$\frac{1}{10}$	$\frac{21}{65}$	$\frac{1}{3}$	$\Phi_{390}^{5}\ \Phi_{195}^{4}\ \Phi_{78}^{5}\ \Phi_{39}^{4}\ \Phi_{30}^{6}\ \Phi_{15}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{4}$
70529	1188	636	$\frac{2}{53}$	$\frac{1}{12}$	$\frac{17}{53}$	$\frac{1}{3}$	$\Phi_{636}^{2}\ \Phi_{318}^{2}\ \Phi_{212}^{2}\ \Phi_{159}\ \Phi_{106}^{2}\ \Phi_{53}^{2}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
70530	1188	357	$\frac{5}{119}$	$\frac{9}{119}$	$\frac{38}{119}$	$\frac{1}{3}$	$\Phi_{357}^{5}\ \Phi_{51}^{5}\ \Phi_{21}^{5}\ \Phi_{3}^{4}$
70531	1188	1785	$\frac{31}{595}$	$\frac{37}{595}$	$\frac{188}{595}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{105}\ \Phi_{51}\ \Phi_{21}\ \Phi_{15}$
70532	1188	867	$\frac{16}{289}$	$\frac{1}{17}$	$\frac{91}{289}$	$\frac{1}{3}$	$\Phi_{867}^{2}\ \Phi_{51}^{3}\ \Phi_{3}^{2}$
70533	1188	912	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{912}^{2}\ \Phi_{456}^{2}\ \Phi_{228}^{2}\ \Phi_{114}^{2}\ \Phi_{57}^{3}$
70534	1188	897	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{897}^{2}\ \Phi_{69}^{3}$
70535	1188	1785	$\frac{23}{595}$	$\frac{52}{595}$	$\frac{181}{595}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{105}\ \Phi_{51}\ \Phi_{21}\ \Phi_{15}$
70536	1188	252	$\frac{1}{28}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{252}^{7}\ \Phi_{126}^{7}\ \Phi_{84}\ \Phi_{63}^{6}\ \Phi_{42}\ \Phi_{36}^{7}\ \Phi_{21}\ \Phi_{18}^{7}\ \Phi_{12}\ \Phi_{9}^{6}\ \Phi_{6}$
70537	1188	1785	$\frac{19}{595}$	$\frac{64}{595}$	$\frac{177}{595}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{105}\ \Phi_{51}\ \Phi_{21}\ \Phi_{15}$
70538	1188	102	$\frac{1}{34}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{102}^{18}\ \Phi_{51}^{17}\ \Phi_{6}^{18}\ \Phi_{3}^{16}$
70539	1188	420	$\frac{1}{35}$	$\frac{17}{140}$	$\frac{41}{140}$	$\frac{1}{3}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{105}^{5}\ \Phi_{84}^{4}\ \Phi_{60}^{4}\ \Phi_{42}^{4}\ \Phi_{30}^{4}\ \Phi_{21}^{5}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}$
70540	1188	609	$\frac{5}{203}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{609}^{3}\ \Phi_{87}^{3}\ \Phi_{21}$
70541	1188	1785	$\frac{13}{595}$	$\frac{97}{595}$	$\frac{166}{595}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{105}\ \Phi_{51}\ \Phi_{21}\ \Phi_{15}$
70542	1188	165	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{165}^{6}\ \Phi_{55}^{10}\ \Phi_{33}^{6}\ \Phi_{15}^{5}\ \Phi_{11}^{10}\ \Phi_{5}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
70543	1188	804	$\frac{1}{67}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{804}^{2}\ \Phi_{402}^{2}\ \Phi_{201}^{3}$
70544	1188	2364	$\frac{5}{197}$	$\frac{32}{197}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2364}\ \Phi_{1182}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
70545	1188	1428	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1428}^{2}\ \Phi_{714}\ \Phi_{357}\ \Phi_{84}\ \Phi_{21}$
70546	1188	2364	$\frac{8}{197}$	$\frac{21}{197}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2364}\ \Phi_{1182}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
70547	1188	1380	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1380}^{2}\ \Phi_{690}\ \Phi_{345}\ \Phi_{276}\ \Phi_{69}$
70548	1188	2364	$\frac{10}{197}$	$\frac{17}{197}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2364}\ \Phi_{1182}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
70549	1188	228	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^{5}\ \Phi_{114}^{5}\ \Phi_{76}^{6}\ \Phi_{57}^{6}\ \Phi_{38}^{6}\ \Phi_{19}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
70550	1188	1050	$\frac{1}{35}$	$\frac{53}{350}$	$\frac{17}{70}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{150}^2\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{21}\ \Phi_{15}$
70551	1188	1176	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{95}{392}$	$\frac{1}{3}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2$
70552	1188	255	$\frac{4}{85}$	$\frac{9}{85}$	$\frac{19}{85}$	$\frac{1}{3}$	$\Phi_{255}^7\ \Phi_{51}^7\ \Phi_{15}^7\ \Phi_3^6$
70553	1188	84	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{84}^{22}\ \Phi_{42}^{20}\ \Phi_{21}^{21}\ \Phi_{12}^{22}\ \Phi_6^{20}\ \Phi_3^{20}$
70554	1188	210	$\frac{2}{35}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^{10}\ \Phi_{105}^8\ \Phi_{42}^{10}\ \Phi_{30}^6\ \Phi_{21}^8\ \Phi_{15}^5\ \Phi_6^6\ \Phi_3^4$
70555	1188	735	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{47}{245}$	$\frac{1}{3}$	$\Phi_{735}^3\ \Phi_{105}^3\ \Phi_{21}\ \Phi_{15}^3$
70556	1188	2280	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{285}\ \Phi_{57}$
70557	1188	390	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{2}{13}$	$\frac{1}{3}$	$\Phi_{390}^5\ \Phi_{195}^5\ \Phi_{78}^5\ \Phi_{30}^6\ \Phi_{15}^6\ \Phi_6^6$
70558	1188	255	$\frac{7}{85}$	$\frac{8}{85}$	$\frac{13}{85}$	$\frac{1}{3}$	$\Phi_{255}^7\ \Phi_{51}^7\ \Phi_{15}^7\ \Phi_3^6$
70559	1188	636	$\frac{1}{12}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{3}$	$\Phi_{636}^2\ \Phi_{318}^2\ \Phi_{212}^2\ \Phi_{159}\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
70560	1188	1785	$\frac{46}{595}$	$\frac{61}{595}$	$\frac{89}{595}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{105}\ \Phi_{51}\ \Phi_{21}\ \Phi_{15}$
70561	1188	105	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{105}^{18}\ \Phi_{21}^{13}\ \Phi_{15}^{18}\ \Phi_3^{12}$
70562	1188	1029	$\frac{3}{49}$	$\frac{46}{343}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1029}^2\ \Phi_{21}$
70563	1188	1911	$\frac{43}{637}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1911}\ \Phi_{273}\ \Phi_{39}\ \Phi_{21}$
70564	1188	336	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{84}^6\ \Phi_{48}^6\ \Phi_{24}^6\ \Phi_{21}\ \Phi_{12}^6$
70565	1188	147	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{147}^{12}\ \Phi_{21}^{13}\ \Phi_3^{12}$
70566	1188	420	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^3\ \Phi_{140}^4\ \Phi_{105}^3\ \Phi_{84}^2\ \Phi_{70}^4\ \Phi_{42}\ \Phi_{35}^4\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2$
70567	1188	524	$\frac{2}{131}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{43}{131}$	$\Phi_{524}^2\ \Phi_{262}^2\ \Phi_{131}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
70568	1188	1187	$\frac{20}{1187}$	$\frac{266}{1187}$	$\frac{307}{1187}$	$\frac{389}{1187}$	$\Phi_{1187}\ \Phi_1^2$
70569	1188	1588	$\frac{7}{397}$	$\frac{89}{397}$	$\frac{1}{4}$	$\frac{130}{397}$	$\Phi_{1588}\ \Phi_{794}$
70570	1188	1605	$\frac{2}{107}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{35}{107}$	$\Phi_{1605}\ \Phi_{321}\ \Phi_{107}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
70571	1188	539	$\frac{1}{49}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{16}{49}$	$\Phi_{539}^2\ \Phi_{77}^2\ \Phi_{49}^4\ \Phi_{11}^3\ \Phi_7^4\ \Phi_1^6$
70572	1188	980	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{16}{49}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{20}^3\ \Phi_{10}^3$
70573	1188	1187	$\frac{26}{1187}$	$\frac{200}{1187}$	$\frac{329}{1187}$	$\frac{387}{1187}$	$\Phi_{1187}\ \Phi_1^2$
70574	1188	1490	$\frac{7}{298}$	$\frac{1}{5}$	$\frac{67}{298}$	$\frac{97}{298}$	$\Phi_{1490}\ \Phi_{745}\ \Phi_{10}$
70575	1188	1187	$\frac{29}{1187}$	$\frac{230}{1187}$	$\frac{267}{1187}$	$\frac{386}{1187}$	$\Phi_{1187}\ \Phi_1^2$
70576	1188	1588	$\frac{10}{397}$	$\frac{67}{397}$	$\frac{1}{4}$	$\frac{129}{397}$	$\Phi_{1588}\ \Phi_{794}$
70577	1188	1105	$\frac{2}{65}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{21}{65}$	$\Phi_{1105}\ \Phi_{221}\ \Phi_{85}\ \Phi_{65}^2\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
70578	1188	1820	$\frac{2}{65}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{21}{65}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{364}\ \Phi_{182}\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}^2\ \Phi_{14}^2$
70579	1188	1187	$\frac{38}{1187}$	$\frac{134}{1187}$	$\frac{351}{1187}$	$\frac{383}{1187}$	$\Phi_{1187}\ \Phi_1^2$
70580	1188	1393	$\frac{7}{199}$	$\frac{1}{7}$	$\frac{45}{199}$	$\frac{64}{199}$	Φ_{1393}
70581	1188	742	$\frac{2}{53}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{17}{53}$	$\Phi_{742}^2\ \Phi_{371}\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
70582	1188	1187	$\frac{47}{1187}$	$\frac{153}{1187}$	$\frac{269}{1187}$	$\frac{380}{1187}$	$\Phi_{1187}\ \Phi_1^2$
70583	1188	1588	$\frac{16}{397}$	$\frac{45}{397}$	$\frac{1}{4}$	$\frac{127}{397}$	$\Phi_{1588}\ \Phi_{794}$
70584	1188	570	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{13}{57}$	$\frac{6}{19}$	$\Phi_{570}^3\ \Phi_{285}^3\ \Phi_{190}\ \Phi_{114}^3\ \Phi_{95}\ \Phi_{38}\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_6^3$
70585	1188	560	$\frac{2}{35}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{11}{35}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{16}^4$ $\Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^4\ \Phi_7^3\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
70586	1188	420	$\frac{2}{35}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{35}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^2\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}^2\ \Phi_{21}^3$ $\Phi_{20}^2\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}^6\ \Phi_{10}^2\ \Phi_7^3\ \Phi_6^6\ \Phi_5^3\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
70587	1188	280	$\frac{2}{35}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{35}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^4\ \Phi_{40}^5\ \Phi_{35}^5\ \Phi_{28}^4\ \Phi_{20}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_8^4\ \Phi_7^5\ \Phi_5^6$ $\Phi_4^4\ \Phi_2^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
70588	1188	1187	$\frac{68}{1187}$	$\frac{74}{1187}$	$\frac{371}{1187}$	$\frac{373}{1187}$	$\Phi_{1187}\ \Phi_{1}^{2}$
70589	1188	208	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{208}^{6}\ \Phi_{104}^{6}\ \Phi_{52}^{7}\ \Phi_{26}^{7}\ \Phi_{13}^{6}$
70590	1188	560	$\frac{1}{16}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{5}{16}$	$\Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{140}^{2}\ \Phi_{112}^{2}\ \Phi_{80}^{2}\ \Phi_{70}^{2}\ \Phi_{56}^{2}\ \Phi_{40}^{2}\ \Phi_{35}^{3}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{4}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{4}\ \Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
70591	1188	80	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{5}{16}$	$\Phi_{80}^{14}\ \Phi_{40}^{14}\ \Phi_{20}^{14}\ \Phi_{16}^{16}\ \Phi_{10}^{18}\ \Phi_{8}^{16}\ \Phi_{5}^{17}\ \Phi_{4}^{16}\ \Phi_{2}^{20}\ \Phi_{1}^{20}$
70592	1188	112	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{5}{16}$	$\Phi_{112}^{10}\ \Phi_{56}^{10}\ \Phi_{28}^{10}\ \Phi_{16}^{12}\ \Phi_{14}^{10}\ \Phi_{8}^{12}\ \Phi_{7}^{15}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{18}$
70593	1188	1308	$\frac{7}{109}$	$\frac{1}{12}$	$\frac{25}{109}$	$\frac{34}{109}$	$\Phi_{1308}\ \Phi_{654}\ \Phi_{436}\ \Phi_{327}\ \Phi_{218}$
70594	1188	1187	$\frac{83}{1187}$	$\frac{91}{1187}$	$\frac{274}{1187}$	$\frac{368}{1187}$	$\Phi_{1187}\ \Phi_{1}^{2}$
70595	1188	1300	$\frac{7}{100}$	$\frac{1}{13}$	$\frac{23}{100}$	$\frac{31}{100}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{325}\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
70596	1188	1330	$\frac{10}{133}$	$\frac{1}{10}$	$\frac{23}{133}$	$\frac{41}{133}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{266}\ \Phi_{190}\ \Phi_{95}\ \Phi_{70}\ \Phi_{38}\ \Phi_{35}\ \Phi_{14}$
70597	1188	559	$\frac{3}{43}$	$\frac{1}{13}$	$\frac{10}{43}$	$\frac{4}{13}$	$\Phi_{559}^{2}\ \Phi_{43}^{3}\ \Phi_{13}^{4}\ \Phi_{1}^{6}$
70598	1188	780	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}^{2}\ \Phi_{130}^{2}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{3}$
70599	1188	1187	$\frac{83}{1187}$	$\frac{92}{1187}$	$\frac{274}{1187}$	$\frac{365}{1187}$	$\Phi_{1187}\ \Phi_{1}^{2}$
70600	1188	1187	$\frac{92}{1187}$	$\frac{137}{1187}$	$\frac{175}{1187}$	$\frac{365}{1187}$	$\Phi_{1187}\ \Phi_{1}^{2}$
70601	1188	1588	$\frac{25}{397}$	$\frac{31}{397}$	$\frac{1}{4}$	$\frac{122}{397}$	$\Phi_{1588}\ \Phi_{794}$
70602	1188	1393	$\frac{16}{199}$	$\frac{23}{199}$	$\frac{1}{7}$	$\frac{61}{199}$	Φ_{1393}
70603	1188	1187	$\frac{98}{1187}$	$\frac{109}{1187}$	$\frac{206}{1187}$	$\frac{363}{1187}$	$\Phi_{1187}\ \Phi_{1}^{2}$
70604	1188	1490	$\frac{23}{298}$	$\frac{25}{298}$	$\frac{1}{5}$	$\frac{91}{298}$	$\Phi_{1490}\ \Phi_{745}\ \Phi_{10}$
70605	1188	1187	$\frac{75}{1187}$	$\frac{101}{1187}$	$\frac{278}{1187}$	$\frac{362}{1187}$	$\Phi_{1187}\ \Phi_{1}^{2}$
70606	1188	1187	$\frac{76}{1187}$	$\frac{101}{1187}$	$\frac{275}{1187}$	$\frac{362}{1187}$	$\Phi_{1187}\ \Phi_{1}^{2}$
70607	1188	1588	$\frac{23}{397}$	$\frac{34}{397}$	$\frac{1}{4}$	$\frac{121}{397}$	$\Phi_{1588}\ \Phi_{794}$
70608	1188	1308	$\frac{1}{12}$	$\frac{10}{109}$	$\frac{19}{109}$	$\frac{33}{109}$	$\Phi_{1308}\ \Phi_{654}\ \Phi_{436}\ \Phi_{327}\ \Phi_{218}$
70609	1188	630	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{19}{63}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{126}^{3}\ \Phi_{90}^{3}\ \Phi_{70}\ \Phi_{45}^{3}\ \Phi_{35}\ \Phi_{18}^{3}\ \Phi_{14}$
70610	1188	520	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{520}^{3}\ \Phi_{260}^{3}\ \Phi_{130}\ \Phi_{104}^{3}\ \Phi_{65}\ \Phi_{52}^{3}\ \Phi_{26}$
70611	1188	1187	$\frac{89}{1187}$	$\frac{122}{1187}$	$\frac{208}{1187}$	$\frac{355}{1187}$	$\Phi_{1187}\ \Phi_{1}^{2}$
70612	1188	1490	$\frac{19}{298}$	$\frac{31}{298}$	$\frac{1}{5}$	$\frac{89}{298}$	$\Phi_{1490}\ \Phi_{745}\ \Phi_{10}$
70613	1188	1564	$\frac{1}{23}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{1564}\ \Phi_{782}\ \Phi_{92}^{2}\ \Phi_{46}^{2}$
70614	1188	595	$\frac{2}{35}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{595}^{2}\ \Phi_{119}^{2}\ \Phi_{85}\ \Phi_{35}^{4}\ \Phi_{17}^{2}\ \Phi_{7}^{4}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
70615	1188	221	$\frac{1}{13}$	$\frac{2}{17}$	$\frac{2}{13}$	$\frac{5}{17}$	$\Phi_{221}^{5}\ \Phi_{17}^{6}\ \Phi_{13}^{10}\ \Phi_{1}^{12}$
70616	1188	1428	$\frac{1}{12}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{5}{17}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{238}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}$
70617	1188	1265	$\frac{1}{23}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{1265}\ \Phi_{253}\ \Phi_{115}$
70618	1188	1187	$\frac{77}{1187}$	$\frac{167}{1187}$	$\frac{185}{1187}$	$\frac{340}{1187}$	$\Phi_{1187}\ \Phi_{1}^{2}$
70619	1188	490	$\frac{1}{10}$	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{490}^{3}\ \Phi_{245}^{3}\ \Phi_{98}^{3}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
70620	1188	1308	$\frac{1}{12}$	$\frac{13}{109}$	$\frac{16}{109}$	$\frac{31}{109}$	$\Phi_{1308}\ \Phi_{654}\ \Phi_{436}\ \Phi_{327}\ \Phi_{218}$
70621	1188	1187	$\frac{95}{1187}$	$\frac{142}{1187}$	$\frac{182}{1187}$	$\frac{335}{1187}$	$\Phi_{1187}\ \Phi_{1}^{2}$
70622	1188	1393	$\frac{13}{199}$	$\frac{1}{7}$	$\frac{31}{199}$	$\frac{56}{199}$	Φ_{1393}
70623	1188	575	$\frac{1}{23}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{575}^{2}\ \Phi_{115}^{3}\ \Phi_{23}^{2}$
70624	1188	1187	$\frac{41}{1187}$	$\frac{191}{1187}$	$\frac{285}{1187}$	$\frac{332}{1187}$	$\Phi_{1187}\ \Phi_{1}^{2}$
70625	1188	1588	$\frac{13}{397}$	$\frac{64}{397}$	$\frac{1}{4}$	$\frac{111}{397}$	$\Phi_{1588}\ \Phi_{794}$
70626	1188	748	$\frac{1}{34}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{748}^{2}\ \Phi_{374}\ \Phi_{187}\ \Phi_{68}^{4}\ \Phi_{44}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
70627	1188	385	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{385}^3\ \Phi_{77}^2\ \Phi_{55}^3\ \Phi_{35}^6\ \Phi_{11}^3\ \Phi_7^4\ \Phi_5^6\ \Phi_1^6$
70628	1188	1232	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{176}\ \Phi_{112}^2\ \Phi_{88}\ \Phi_{56}^2\ \Phi_{44}\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{11}$ $\Phi_8^2\ \Phi_4^2\ \Phi_1^2$
70629	1188	539	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{539}^2\ \Phi_{77}^2\ \Phi_{49}^4\ \Phi_{11}^3\ \Phi_7^4\ \Phi_1^6$
70630	1188	660	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}^4\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}$ $\Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
70631	1188	1258	$\frac{1}{34}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{1258}\ \Phi_{629}\ \Phi_{74}$
70632	1188	2220	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{74}$
70633	1188	1605	$\frac{3}{107}$	$\frac{1}{5}$	$\frac{26}{107}$	$\frac{4}{15}$	$\Phi_{1605}\ \Phi_{321}\ \Phi_{107}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
70634	1188	420	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}\ \Phi_{30}^4\ \Phi_{21}^4\ \Phi_{20}$ $\Phi_{12}^4\ \Phi_{10}\ \Phi_6^4$
70635	1188	1605	$\frac{5}{107}$	$\frac{17}{107}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1605}\ \Phi_{321}\ \Phi_{107}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
70636	1188	1995	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1995}\ \Phi_{399}\ \Phi_{133}$
70637	1188	1605	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1605}\ \Phi_{321}\ \Phi_{107}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
70638	1188	390	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{390}^5\ \Phi_{195}^4\ \Phi_{130}\ \Phi_{78}^5\ \Phi_{65}\ \Phi_{39}^4\ \Phi_{26}$
70639	1188	1187	$\frac{80}{1187}$	$\frac{123}{1187}$	$\frac{266}{1187}$	$\frac{307}{1187}$	$\Phi_{1187}\ \Phi_1^2$
70640	1188	1187	$\frac{98}{1187}$	$\frac{99}{1187}$	$\frac{272}{1187}$	$\frac{305}{1187}$	$\Phi_{1187}\ \Phi_1^2$
70641	1188	1308	$\frac{9}{109}$	$\frac{1}{12}$	$\frac{25}{109}$	$\frac{28}{109}$	$\Phi_{1308}\ \Phi_{654}\ \Phi_{436}\ \Phi_{327}\ \Phi_{218}$
70642	1188	1330	$\frac{9}{133}$	$\frac{1}{10}$	$\frac{31}{133}$	$\frac{34}{133}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{266}\ \Phi_{190}\ \Phi_{95}\ \Phi_{70}\ \Phi_{38}\ \Phi_{35}\ \Phi_{14}$
70643	1188	1187	$\frac{27}{1187}$	$\frac{290}{1187}$	$\frac{296}{1187}$	$\frac{299}{1187}$	$\Phi_{1187}\ \Phi_1^2$
70644	1188	1588	$\frac{9}{397}$	$\frac{97}{397}$	$\frac{1}{4}$	$\frac{100}{397}$	$\Phi_{1588}\ \Phi_{794}$
70645	1188	180	$\frac{1}{45}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{180}^7\ \Phi_{90}^7\ \Phi_{60}^7\ \Phi_{45}^6\ \Phi_{36}^7\ \Phi_{30}^7\ \Phi_{20}^7\ \Phi_{18}^7\ \Phi_{15}^6\ \Phi_{12}^7\ \Phi_{10}^7\ \Phi_9^6\ \Phi_6^7$ $\Phi_5^6\ \Phi_3^6$
70646	1188	524	$\frac{3}{131}$	$\frac{32}{131}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{524}^2\ \Phi_{262}^2\ \Phi_{131}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
70647	1188	340	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{340}^4\ \Phi_{170}^5\ \Phi_{85}^5\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
70648	1188	524	$\frac{5}{131}$	$\frac{21}{131}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{524}^2\ \Phi_{262}^2\ \Phi_{131}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
70649	1188	644	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{644}^2\ \Phi_{322}^2\ \Phi_{161}^3$
70650	1188	524	$\frac{10}{131}$	$\frac{11}{131}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{524}^2\ \Phi_{262}^2\ \Phi_{131}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
70651	1188	156	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{156}^9\ \Phi_{78}^9\ \Phi_{52}^7\ \Phi_{39}^9\ \Phi_{26}^7\ \Phi_{13}^6$
70652	1188	860	$\frac{3}{43}$	$\frac{1}{10}$	$\frac{10}{43}$	$\frac{1}{4}$	$\Phi_{860}^2\ \Phi_{430}\ \Phi_{215}\ \Phi_{172}\ \Phi_{43}\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
70653	1188	1588	$\frac{33}{397}$	$\frac{34}{397}$	$\frac{91}{397}$	$\frac{1}{4}$	$\Phi_{1588}\ \Phi_{794}$
70654	1188	420	$\frac{1}{12}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{4}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^2\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}^2\ \Phi_{21}^3$ $\Phi_{20}^2\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}^6\ \Phi_{10}^2\ \Phi_7^3\ \Phi_6^6\ \Phi_5^3\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
70655	1188	1664	$\frac{1}{13}$	$\frac{3}{32}$	$\frac{29}{128}$	$\frac{1}{4}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{52}\ \Phi_{26}$
70656	1188	1588	$\frac{28}{397}$	$\frac{41}{397}$	$\frac{89}{397}$	$\frac{1}{4}$	$\Phi_{1588}\ \Phi_{794}$
70657	1188	532	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{532}^3\ \Phi_{266}\ \Phi_{133}^2\ \Phi_{76}^4\ \Phi_{38}^2\ \Phi_{19}^2$
70658	1188	140	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^{11}\ \Phi_{70}^{11}\ \Phi_{28}^{12}\ \Phi_{20}^{12}\ \Phi_{14}^{12}\ \Phi_{10}^{12}\ \Phi_4^{12}\ \Phi_2^{12}$
70659	1188	560	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}\ \Phi_{80}^3\ \Phi_{70}^2\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
70660	1188	980	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{20}^3\ \Phi_{10}^3$
70661	1188	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{60}^{21}\ \Phi_{30}^{21}\ \Phi_{20}^{14}\ \Phi_{15}^{21}\ \Phi_{12}^{24}\ \Phi_{10}^{18}\ \Phi_6^{24}\ \Phi_5^{17}\ \Phi_4^{16}\ \Phi_3^{24}\ \Phi_2^{20}\ \Phi_1^{20}$
70662	1188	1456	$\frac{1}{13}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}$
70663	1188	520	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{520}^3\ \Phi_{260}^3\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{52}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
70664	1188	364	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{2}{13}$	$\frac{1}{4}$	$\Phi_{364}^5\ \Phi_{182}^5\ \Phi_{28}^6\ \Phi_{14}^6$
70665	1188	1588	$\frac{31}{397}$	$\frac{56}{397}$	$\frac{61}{397}$	$\frac{1}{4}$	$\Phi_{1588}\ \Phi_{794}$
70666	1188	84	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{84}^{15}\ \Phi_{42}^{15}\ \Phi_{28}^{10}\ \Phi_{21}^{15}\ \Phi_{14}^{10}\ \Phi_{12}^{18}\ \Phi_{7}^{15}\ \Phi_{6}^{18}\ \Phi_{4}^{12}\ \Phi_{3}^{18}\ \Phi_{2}^{12}\ \Phi_{1}^{18}$
70667	1188	280	$\frac{3}{35}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{8}{35}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^4\ \Phi_{40}^5\ \Phi_{35}^5\ \Phi_{28}^4\ \Phi_{20}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_{8}^4\ \Phi_{7}^5\ \Phi_{5}^6\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
70668	1188	742	$\frac{5}{53}$	$\frac{1}{7}$	$\frac{8}{53}$	$\frac{3}{14}$	$\Phi_{742}^2\ \Phi_{371}\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{14}^4\ \Phi_{7}^2\ \Phi_{2}^4\ \Phi_{1}^4$
70669	1188	70	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{70}^{19}\ \Phi_{35}^{19}\ \Phi_{14}^{7}\ \Phi_{10}^{18}\ \Phi_{7}^{12}\ \Phi_{5}^{18}\ \Phi_{2}^{6}\ \Phi_{1}^{12}$
70670	1188	190	$\frac{1}{10}$	$\frac{5}{38}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{190}^7\ \Phi_{95}^7\ \Phi_{38}^3\ \Phi_{19}^4\ \Phi_{10}^6\ \Phi_{5}^6\ \Phi_{2}^2\ \Phi_{1}^4$
70671	1188	40	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{5}$	$\Phi_{40}^{29}\ \Phi_{20}^{29}\ \Phi_{10}^{33}\ \Phi_{8}^{28}\ \Phi_{5}^{32}\ \Phi_{4}^{28}\ \Phi_{2}^{32}\ \Phi_{1}^{32}$
70672	1188	280	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{7}{40}$	$\Phi_{280}^5\ \Phi_{140}^5\ \Phi_{70}^5\ \Phi_{40}^6\ \Phi_{35}^5\ \Phi_{20}^6\ \Phi_{10}^6\ \Phi_{7}^5\ \Phi_{5}^6\ \Phi_{1}^6$
70673	1189	2368	$\frac{5}{1184}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1179}{2368}$	$\Phi_{2368}\ \Phi_{64}\ \Phi_{8}\ \Phi_{1}$
70674	1189	2112	$\frac{1}{132}$	$\frac{133}{1056}$	$\frac{923}{2112}$	$\frac{131}{264}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{264}\ \Phi_{192}\ \Phi_{88}\ \Phi_{64}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
70675	1189	1584	$\frac{1}{132}$	$\frac{395}{1584}$	$\frac{133}{528}$	$\frac{131}{264}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{144}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
70676	1189	2160	$\frac{1}{108}$	$\frac{109}{1080}$	$\frac{971}{2160}$	$\frac{107}{216}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
70677	1189	2352	$\frac{13}{1176}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1163}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{112}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
70678	1189	2288	$\frac{1}{44}$	$\frac{45}{1144}$	$\frac{1099}{2288}$	$\frac{43}{88}$	$\Phi_{2288}\ \Phi_{208}\ \Phi_{176}\ \Phi_{88}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
70679	1189	560	$\frac{1}{40}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{39}{80}$	$\Phi_{560}^4\ \Phi_{112}^4\ \Phi_{80}^5\ \Phi_{56}\ \Phi_{16}^5\ \Phi_{8}\ \Phi_{1}$
70680	1189	1680	$\frac{1}{40}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{39}{80}$	$\Phi_{1680}^2\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
70681	1189	160	$\frac{1}{40}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{39}{80}$	$\Phi_{160}^8\ \Phi_{80}^5\ \Phi_{40}^8\ \Phi_{32}^9\ \Phi_{20}^8\ \Phi_{16}^6\ \Phi_{10}^8\ \Phi_{8}^9\ \Phi_{5}^8\ \Phi_{4}^8\ \Phi_{2}^8\ \Phi_{1}^9$
70682	1189	560	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{39}{80}$	$\Phi_{560}^4\ \Phi_{112}^4\ \Phi_{80}^5\ \Phi_{35}\ \Phi_{16}^5\ \Phi_{5}\ \Phi_{1}$
70683	1189	2304	$\frac{1}{36}$	$\frac{37}{1152}$	$\frac{1115}{2304}$	$\frac{35}{72}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{72}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
70684	1189	1728	$\frac{1}{36}$	$\frac{37}{576}$	$\frac{539}{1728}$	$\frac{35}{72}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
70685	1189	1296	$\frac{1}{36}$	$\frac{107}{1296}$	$\frac{37}{144}$	$\frac{35}{72}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
70686	1189	1440	$\frac{1}{36}$	$\frac{37}{288}$	$\frac{251}{1440}$	$\frac{35}{72}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
70687	1189	2304	$\frac{37}{1152}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1115}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
70688	1189	840	$\frac{1}{28}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{27}{56}$	$\Phi_{840}^4\ \Phi_{168}^4\ \Phi_{120}^4\ \Phi_{60}\ \Phi_{56}\ \Phi_{30}\ \Phi_{24}^4\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
70689	1189	616	$\frac{1}{28}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{616}^4\ \Phi_{88}^4\ \Phi_{56}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
70690	1189	2520	$\frac{1}{28}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{27}{56}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{168}\ \Phi_{120}\ \Phi_{72}\ \Phi_{56}\ \Phi_{45}\ \Phi_{24}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
70691	1189	1400	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{27}{56}$	$\Phi_{1400}^2\ \Phi_{200}^2\ \Phi_{56}\ \Phi_{50}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
70692	1189	336	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{27}{56}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^4\ \Phi_{84}^4\ \Phi_{56}\ \Phi_{48}^5\ \Phi_{42}^4\ \Phi_{24}^5\ \Phi_{21}^4\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_{8}\ \Phi_{6}^5\ \Phi_{3}^5\ \Phi_{1}$
70693	1189	2280	$\frac{49}{1140}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1091}{2280}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{152}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
70694	1189	1440	$\frac{11}{240}$	$\frac{1}{12}$	$\frac{251}{1440}$	$\frac{229}{480}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
70695	1189	1368	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{179}{1368}$	$\frac{163}{342}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{228}\ \Phi_{171}\ \Phi_{152}\ \Phi_{76}\ \Phi_{72}\ \Phi_{57}\ \Phi_{36}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
70696	1189	2268	$\frac{1}{27}$	$\frac{55}{1134}$	$\frac{26}{81}$	$\frac{1079}{2268}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{324}\ \Phi_{252}\ \Phi_{108}\ \Phi_{84}\ \Phi_{81}\ \Phi_{36}\ \Phi_{28}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
70697	1189	2268	$\frac{55}{1134}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1079}{2268}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{324}\ \Phi_{252}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
70698	1189	390	$\frac{1}{30}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{390}^3\ \Phi_{195}^3\ \Phi_{130}^3\ \Phi_{78}^2\ \Phi_{65}^3\ \Phi_{39}^3\ \Phi_{30}^5\ \Phi_{26}^2\ \Phi_{15}^5\ \Phi_{13}^3\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
70699	1189	1620	$\frac{1}{27}$	$\frac{26}{405}$	$\frac{431}{1620}$	$\frac{379}{810}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
70700	1189	840	$\frac{1}{30}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
70701	1189	378	$\frac{1}{42}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{378}^3\ \Phi_{189}^3\ \Phi_{126}^3\ \Phi_{63}^3\ \Phi_{54}^2\ \Phi_{42}^5\ \Phi_{27}^3\ \Phi_{21}^5\ \Phi_{18}^2\ \Phi_{14}^5\ \Phi_9^3\ \Phi_7^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
70702	1189	54	$\frac{1}{27}$	$\frac{2}{27}$	$\frac{13}{54}$	$\frac{25}{54}$	$\Phi_{54}^{16}\ \Phi_{27}^{28}\ \Phi_{18}^{16}\ \Phi_9^{28}\ \Phi_6^{16}\ \Phi_3^{28}\ \Phi_2^{16}\ \Phi_1^{29}$
70703	1189	2200	$\frac{1}{22}$	$\frac{89}{1100}$	$\frac{21}{110}$	$\frac{1011}{2200}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{200}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
70704	1189	1344	$\frac{13}{168}$	$\frac{1}{12}$	$\frac{155}{1344}$	$\frac{11}{24}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{112}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
70705	1189	1452	$\frac{1}{22}$	$\frac{21}{242}$	$\frac{263}{1452}$	$\frac{221}{484}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{363}\ \Phi_{242}\ \Phi_{132}\ \Phi_{121}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
70706	1189	840	$\frac{1}{42}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
70707	1189	2160	$\frac{1}{27}$	$\frac{109}{1080}$	$\frac{26}{135}$	$\frac{971}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{135}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{16}\ \Phi_{15}\ \Phi_5\ \Phi_1$
70708	1189	2160	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{109}{1080}$	$\frac{971}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
70709	1189	1458	$\frac{1}{27}$	$\frac{26}{243}$	$\frac{269}{1458}$	$\frac{217}{486}$	$\Phi_{1458}\ \Phi_{729}\ \Phi_{243}\ \Phi_{81}\ \Phi_1$
70710	1189	2112	$\frac{1}{44}$	$\frac{133}{1056}$	$\frac{43}{176}$	$\frac{923}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{176}\ \Phi_{88}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
70711	1189	1260	$\frac{71}{1260}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
70712	1189	72	$\frac{1}{36}$	$\frac{5}{36}$	$\frac{7}{36}$	$\frac{31}{72}$	$\Phi_{72}^{29}\ \Phi_{36}^4\ \Phi_{24}^{29}\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^{29}\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
70713	1189	360	$\frac{1}{30}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{360}^6\ \Phi_{120}^6\ \Phi_{72}^5\ \Phi_{40}^6\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
70714	1189	2052	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{163}{1026}$	$\frac{863}{2052}$	$\Phi_{2052}\ \Phi_{684}\ \Phi_{228}\ \Phi_{171}\ \Phi_{108}\ \Phi_{76}\ \Phi_{57}\ \Phi_{36}\ \Phi_{19}\ \Phi_{12}\ \Phi_4\ \Phi_1$
70715	1189	1050	$\frac{1}{42}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}\ \Phi_{210}^2\ \Phi_{175}\ \Phi_{150}\ \Phi_{105}^2\ \Phi_{75}\ \Phi_{70}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
70716	1189	252	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{63}^6\ \Phi_{42}^5\ \Phi_{36}^5\ \Phi_{21}^5\ \Phi_{18}^5\ \Phi_{14}^5\ \Phi_9^5\ \Phi_7^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
70717	1189	240	$\frac{1}{30}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^6\ \Phi_{48}^5\ \Phi_{40}^6\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
70718	1189	210	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^5\ \Phi_{42}^6\ \Phi_{35}^6\ \Phi_{30}^5\ \Phi_{21}^6\ \Phi_{15}^5\ \Phi_{14}^5\ \Phi_{10}^4\ \Phi_7^5\ \Phi_6^5\ \Phi_5^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
70719	1189	1320	$\frac{1}{22}$	$\frac{131}{1320}$	$\frac{21}{110}$	$\frac{89}{220}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
70720	1189	1350	$\frac{1}{27}$	$\frac{161}{1350}$	$\frac{26}{135}$	$\frac{109}{270}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{135}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_1$
70721	1189	336	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{336}^6\ \Phi_{112}^6\ \Phi_{48}^5\ \Phi_{42}^5\ \Phi_{21}^5\ \Phi_{16}^5\ \Phi_{14}^5\ \Phi_7^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
70722	1189	1944	$\frac{1}{108}$	$\frac{217}{972}$	$\frac{107}{324}$	$\frac{755}{1944}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{24}\ \Phi_8\ \Phi_1$
70723	1189	1944	$\frac{1}{27}$	$\frac{26}{243}$	$\frac{217}{972}$	$\frac{755}{1944}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{243}\ \Phi_{216}\ \Phi_{81}\ \Phi_{72}\ \Phi_{24}\ \Phi_8\ \Phi_1$
70724	1189	1936	$\frac{1}{22}$	$\frac{21}{242}$	$\frac{221}{968}$	$\frac{747}{1936}$	$\Phi_{1936}\ \Phi_{242}\ \Phi_{176}\ \Phi_{121}\ \Phi_{16}\ \Phi_1$
70725	1189	1248	$\frac{59}{1248}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_1$
70726	1189	1920	$\frac{11}{240}$	$\frac{1}{12}$	$\frac{229}{960}$	$\frac{731}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{240}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
70727	1189	1408	$\frac{1}{44}$	$\frac{219}{1408}$	$\frac{43}{176}$	$\frac{133}{352}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{176}\ \Phi_{128}\ \Phi_{88}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
70728	1189	1728	$\frac{1}{108}$	$\frac{107}{432}$	$\frac{539}{1728}$	$\frac{325}{864}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
70729	1189	1776	$\frac{5}{592}$	$\frac{1}{4}$	$\frac{587}{1776}$	$\frac{3}{8}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{444}\ \Phi_{222}\ \Phi_{111}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
70730	1189	1200	$\frac{11}{1200}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
70731	1189	1480	$\frac{5}{296}$	$\frac{291}{1480}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1480}\ \Phi_{740}\ \Phi_{370}\ \Phi_{185}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
70732	1189	1216	$\frac{27}{1216}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{64}\ \Phi_{38}\ \Phi_{19}\ \Phi_8\ \Phi_1$
70733	1189	1848	$\frac{1}{44}$	$\frac{43}{308}$	$\frac{265}{924}$	$\frac{659}{1848}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{168}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
70734	1189	44	$\frac{1}{22}$	$\frac{3}{44}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{44}^{26}\ \Phi_{22}^{28}\ \Phi_{11}^{28}\ \Phi_4^{26}\ \Phi_2^{28}\ \Phi_1^{29}$
70735	1189	1296	$\frac{1}{27}$	$\frac{107}{1296}$	$\frac{26}{81}$	$\frac{55}{162}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
70736	1189	1800	$\frac{11}{300}$	$\frac{1}{12}$	$\frac{289}{900}$	$\frac{611}{1800}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
70737	1189	252	$\frac{1}{42}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{252}^6\ \Phi_{126}^3\ \Phi_{84}^6\ \Phi_{63}^3\ \Phi_{42}^5\ \Phi_{36}^5\ \Phi_{28}^6\ \Phi_{21}^5\ \Phi_{18}^2\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_9^3\ \Phi_7^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
70738	1189	1701	$\frac{1}{27}$	$\frac{55}{567}$	$\frac{512}{1701}$	$\frac{26}{81}$	$\Phi_{1701}\ \Phi_{243}\ \Phi_{81}\ \Phi_1$
70739	1189	1539	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{350}{1539}$	$\frac{163}{513}$	$\Phi_{1539}\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}\ \Phi_{19}\ \Phi_1$
70740	1189	420	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{19}{60}$	$\Phi_{420}^2\ \Phi_{210}^2\ \Phi_{140}^4\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^4\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{35}^4\ \Phi_{30}^3\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
70741	1189	480	$\frac{1}{20}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{19}{60}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{60}\ \Phi_{48}^4\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}^4\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
70742	1189	420	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{19}{60}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{60}^5\ \Phi_{42}^4\ \Phi_{35}\ \Phi_{30}^5\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_6^5\ \Phi_5\ \Phi_3^5\ \Phi_1$
70743	1189	1728	$\frac{37}{576}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{539}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
70744	1189	924	$\frac{3}{44}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{231}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{21}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
70745	1189	630	$\frac{1}{14}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^3\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^3\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
70746	1189	1050	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{13}{42}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{50}\ \Phi_{42}\ \Phi_{25}\ \Phi_{21}\ \Phi_6\ \Phi_3\ \Phi_1$
70747	1189	336	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{13}{42}$	$\Phi_{336}^4\ \Phi_{168}^2\ \Phi_{112}^4\ \Phi_{84}^2\ \Phi_{56}^4\ \Phi_{48}^5\ \Phi_{42}^3\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^5\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_8^4\ \Phi_7^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
70748	1189	1440	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{251}{1440}$	$\frac{109}{360}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
70749	1189	1701	$\frac{55}{567}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{512}{1701}$	$\Phi_{1701}\ \Phi_{243}\ \Phi_{63}\ \Phi_{21}\ \Phi_7\ \Phi_1$
70750	1189	135	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{19}{135}$	$\frac{8}{27}$	$\Phi_{135}^8\ \Phi_{45}^{10}\ \Phi_{27}^9\ \Phi_{15}^{10}\ \Phi_9^{10}\ \Phi_5^{10}\ \Phi_3^{10}\ \Phi_1^{11}$
70751	1189	1323	$\frac{134}{1323}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{189}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{147}\ \Phi_{63}\ \Phi_{49}\ \Phi_{21}\ \Phi_7\ \Phi_1$
70752	1189	1650	$\frac{1}{22}$	$\frac{89}{550}$	$\frac{21}{110}$	$\frac{461}{1650}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{330}\ \Phi_{165}\ \Phi_{150}\ \Phi_{110}\ \Phi_{75}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
70753	1189	270	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{270}^6\ \Phi_{135}^6\ \Phi_{54}^5\ \Phi_{30}^5\ \Phi_{27}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
70754	1189	1620	$\frac{1}{27}$	$\frac{26}{135}$	$\frac{109}{540}$	$\frac{431}{1620}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{162}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{15}\ \Phi_5\ \Phi_1$
70755	1189	1296	$\frac{107}{1296}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{144}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
70756	1189	1584	$\frac{1}{44}$	$\frac{43}{176}$	$\frac{395}{1584}$	$\frac{133}{528}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
70757	1189	352	$\frac{3}{44}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{352}^4\ \Phi_{176}^4\ \Phi_{88}^4\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
70758	1189	160	$\frac{3}{40}$	$\frac{3}{32}$	$\frac{37}{160}$	$\frac{1}{4}$	$\Phi_{160}^7\ \Phi_{80}^7\ \Phi_{40}^8\ \Phi_{32}^8\ \Phi_{20}^8\ \Phi_{16}^8\ \Phi_{10}^8\ \Phi_8^9\ \Phi_5^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
70759	1189	1440	$\frac{4}{45}$	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
70760	1189	800	$\frac{3}{32}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{4}$	$\Phi_{800}^2\ \Phi_{400}^2\ \Phi_{200}^2\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_8\ \Phi_1$
70761	1189	1540	$\frac{3}{44}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{35}\ \Phi_{22}\ \Phi_{11}\ \Phi_5\ \Phi_1$
70762	1189	96	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{4}$	$\Phi_{96}^{16}\ \Phi_{48}^{13}\ \Phi_{32}^9\ \Phi_{24}^{13}\ \Phi_{16}^6\ \Phi_{12}^{13}\ \Phi_8^9\ \Phi_6^{13}\ \Phi_4^8\ \Phi_3^{13}\ \Phi_2^8\ \Phi_1^9$
70763	1189	1536	$\frac{1}{12}$	$\frac{37}{384}$	$\frac{347}{1536}$	$\frac{11}{48}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
70764	1189	1344	$\frac{1}{12}$	$\frac{155}{1344}$	$\frac{37}{192}$	$\frac{11}{48}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
70765	1189	1440	$\frac{1}{12}$	$\frac{37}{288}$	$\frac{251}{1440}$	$\frac{11}{48}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
70766	1189	1512	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{378}$	$\frac{323}{1512}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
70767	1189	315	$\frac{4}{45}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{45}^5\ \Phi_{35}\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_9^5\ \Phi_5\ \Phi_3^5\ \Phi_1$
70768	1189	350	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{9}{50}$	$\Phi_{350}^4\ \Phi_{175}^4\ \Phi_{50}^5\ \Phi_{35}\ \Phi_{25}^5\ \Phi_5\ \Phi_1$
70769	1189	1680	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{48}$	$\frac{6}{35}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{240}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
70770	1190	1896	$\frac{1}{237}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{118}{237}$	$\Phi_{1896}\ \Phi_{632}\ \Phi_{237}\ \Phi_{79}\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
70771	1190	3552	$\frac{3}{592}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{589}{1184}$	$\Phi_{3552}\ \Phi_{96}\ \Phi_{12}\ \Phi_6$
70772	1190	2028	$\frac{1}{169}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{84}{169}$	$\Phi_{2028}\ \Phi_{676}\ \Phi_{169}\ \Phi_{156}\ \Phi_{52}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
70773	1190	1521	$\frac{1}{169}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{84}{169}$	$\Phi_{1521}\ \Phi_{169}\ \Phi_{117}\ \Phi_{13}\ \Phi_9^2\ \Phi_1^2$
70774	1190	2124	$\frac{1}{118}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{117}{236}$	$\Phi_{2124}\ \Phi_{708}\ \Phi_{236}^2\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
70775	1190	708	$\frac{1}{118}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{117}{236}$	$\Phi_{708}^3\ \Phi_{236}^4\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
70776	1190	2184	$\frac{1}{84}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{83}{168}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{168}^2\ \Phi_{104}\ \Phi_{56}^2\ \Phi_{24}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
70777	1190	168	$\frac{1}{84}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{83}{168}$	$\Phi_{168}^6\ \Phi_{84}^8\ \Phi_{56}^6\ \Phi_{42}^8\ \Phi_{28}^8\ \Phi_{24}^7\ \Phi_{21}^8\ \Phi_{14}^8\ \Phi_{12}^9\ \Phi_8^6\ \Phi_7^8\ \Phi_6^9\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
70778	1190	2208	$\frac{1}{69}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{34}{69}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{96}\ \Phi_{69}\ \Phi_{32}^2\ \Phi_{23}\ \Phi_3\ \Phi_1^2$
70779	1190	552	$\frac{1}{69}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{34}{69}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{184}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{24}^3\ \Phi_{23}^3\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
70780	1190	1380	$\frac{1}{69}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{34}{69}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{230}\ \Phi_{115}\ \Phi_{69}\ \Phi_{60}\ \Phi_{30}\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
70781	1190	2574	$\frac{2}{117}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{115}{234}$	$\Phi_{2574}\ \Phi_{858}\ \Phi_{286}\ \Phi_{198}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
70782	1190	456	$\frac{1}{57}$	$\frac{1}{8}$	$\frac{29}{114}$	$\frac{28}{57}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{152}^3\ \Phi_{114}\ \Phi_{76}^3\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{24}^3\ \Phi_{19}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
70783	1190	164	$\frac{1}{41}$	$\frac{3}{82}$	$\frac{79}{164}$	$\frac{20}{41}$	$\Phi_{164}^{14}\ \Phi_{41}\ \Phi_4^{14}\ \Phi_1^2$
70784	1190	123	$\frac{1}{41}$	$\frac{3}{41}$	$\frac{38}{123}$	$\frac{20}{41}$	$\Phi_{123}^{14}\ \Phi_{41}\ \Phi_3^{14}\ \Phi_1^2$
70785	1190	656	$\frac{1}{41}$	$\frac{61}{656}$	$\frac{21}{82}$	$\frac{20}{41}$	$\Phi_{656}^2\ \Phi_{328}^2\ \Phi_{164}^2\ \Phi_{41}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
70786	1190	1760	$\frac{1}{40}$	$\frac{1}{11}$	$\frac{41}{160}$	$\frac{39}{80}$	$\Phi_{1760}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
70787	1190	232	$\frac{3}{116}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{113}{232}$	$\Phi_{232}^{10}\ \Phi_{29}\ \Phi_8^{10}\ \Phi_1^2$
70788	1190	2552	$\frac{3}{116}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{113}{232}$	$\Phi_{2552}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
70789	1190	232	$\frac{3}{116}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{113}{232}$	$\Phi_{232}^{10}\ \Phi_{29}\ \Phi_8^{10}\ \Phi_1^2$
70790	1190	2244	$\frac{1}{34}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{33}{68}$	$\Phi_{2244}\ \Phi_{748}\ \Phi_{204}\ \Phi_{132}\ \Phi_{68}^2\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
70791	1190	612	$\frac{1}{34}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{612}^4\ \Phi_{204}^3\ \Phi_{68}^4\ \Phi_{36}^4\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
70792	1190	748	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{33}{68}$	$\Phi_{748}^3\ \Phi_{68}^4\ \Phi_{44}^3\ \Phi_{22}^2\ \Phi_{11}\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
70793	1190	561	$\frac{1}{33}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{16}{33}$	$\Phi_{561}^2\ \Phi_{187}^2\ \Phi_{51}^3\ \Phi_{33}^3\ \Phi_{17}^2\ \Phi_{11}^3\ \Phi_3^4\ \Phi_1^4$
70794	1190	561	$\frac{1}{33}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{16}{33}$	$\Phi_{561}^2\ \Phi_{187}^2\ \Phi_{51}^2\ \Phi_{33}^3\ \Phi_{17}^4\ \Phi_{11}^3\ \Phi_3^3\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
70795	1190	264	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{16}{33}$	$\Phi_{264}^5\ \Phi_{132}^5\ \Phi_{88}^5\ \Phi_{66}^2\ \Phi_{44}^5\ \Phi_{33}^3\ \Phi_{24}^7\ \Phi_{22}^2\ \Phi_{12}^7\ \Phi_{11}^3\ \Phi_{8}^6\ \Phi_{6}^3\ \Phi_{4}^6\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
70796	1190	174	$\frac{1}{29}$	$\frac{3}{58}$	$\frac{55}{174}$	$\frac{14}{29}$	$\Phi_{174}^{10}\ \Phi_{87}^{10}\ \Phi_{29}\ \Phi_{6}^{10}\ \Phi_{3}^{10}\ \Phi_{1}^2$
70797	1190	638	$\frac{1}{29}$	$\frac{43}{638}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{638}^2\ \Phi_{319}^2\ \Phi_{29}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{1}^2$
70798	1190	145	$\frac{1}{29}$	$\frac{3}{29}$	$\frac{26}{145}$	$\frac{14}{29}$	$\Phi_{145}^{10}\ \Phi_{29}\ \Phi_{5}^{10}\ \Phi_{1}^2$
70799	1190	696	$\frac{1}{29}$	$\frac{15}{116}$	$\frac{101}{696}$	$\frac{14}{29}$	$\Phi_{696}^2\ \Phi_{348}^2\ \Phi_{232}^2\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{29}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
70800	1190	2530	$\frac{4}{115}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{111}{230}$	$\Phi_{2530}\ \Phi_{506}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
70801	1190	164	$\frac{3}{82}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{79}{164}$	$\Phi_{164}^{14}\ \Phi_{41}\ \Phi_{4}^{14}\ \Phi_{1}^2$
70802	1190	1584	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{25}{144}$	$\frac{23}{48}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
70803	1190	2508	$\frac{5}{114}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{109}{228}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
70804	1190	1189	$\frac{57}{1189}$	$\frac{89}{1189}$	$\frac{220}{1189}$	$\frac{566}{1189}$	$\Phi_{1189}\ \Phi_{41}\ \Phi_{29}\ \Phi_{1}^2$
70805	1190	648	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{77}{162}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{12}^3\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{6}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
70806	1190	1189	$\frac{61}{1189}$	$\frac{125}{1189}$	$\frac{152}{1189}$	$\frac{564}{1189}$	$\Phi_{1189}\ \Phi_{41}\ \Phi_{29}\ \Phi_{1}^2$
70807	1190	1131	$\frac{1}{29}$	$\frac{59}{1131}$	$\frac{28}{87}$	$\frac{536}{1131}$	$\Phi_{1131}\ \Phi_{377}\ \Phi_{87}^2\ \Phi_{39}\ \Phi_{29}\ \Phi_{13}\ \Phi_{3}^2\ \Phi_{1}^2$
70808	1190	152	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{8}$	$\frac{9}{19}$	$\Phi_{152}^9\ \Phi_{76}^9\ \Phi_{38}^9\ \Phi_{8}^8\ \Phi_{4}^8\ \Phi_{2}^8$
70809	1190	1434	$\frac{13}{239}$	$\frac{18}{239}$	$\frac{1}{6}$	$\frac{113}{239}$	$\Phi_{1434}\ \Phi_{717}\ \Phi_{478}$
70810	1190	2310	$\frac{1}{35}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{2310}\ \Phi_{770}\ \Phi_{462}\ \Phi_{330}\ \Phi_{210}\ \Phi_{154}\ \Phi_{110}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
70811	1190	288	$\frac{1}{36}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{288}^8\ \Phi_{96}^7\ \Phi_{36}^2\ \Phi_{32}^8\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
70812	1190	736	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{11}{46}$	$\frac{15}{32}$	$\Phi_{736}^3\ \Phi_{46}^2\ \Phi_{32}^4\ \Phi_{23}\ \Phi_{2}^2\ \Phi_{1}^2$
70813	1190	2208	$\frac{4}{69}$	$\frac{1}{16}$	$\frac{13}{69}$	$\frac{15}{32}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{96}\ \Phi_{69}\ \Phi_{32}^2\ \Phi_{23}\ \Phi_{3}\ \Phi_{1}^2$
70814	1190	480	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{480}^5\ \Phi_{160}^5\ \Phi_{96}^3\ \Phi_{32}^4\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
70815	1190	736	$\frac{1}{16}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{15}{32}$	$\Phi_{736}^3\ \Phi_{32}^4\ \Phi_{23}^3\ \Phi_{1}^4$
70816	1190	352	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{15}{32}$	$\Phi_{352}^7\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
70817	1190	116	$\frac{1}{29}$	$\frac{2}{29}$	$\frac{31}{116}$	$\frac{27}{58}$	$\Phi_{116}^{14}\ \Phi_{29}^{13}\ \Phi_{4}^{14}\ \Phi_{1}^{14}$
70818	1190	1107	$\frac{1}{41}$	$\frac{83}{1107}$	$\frac{40}{123}$	$\frac{512}{1107}$	$\Phi_{1107}\ \Phi_{369}\ \Phi_{123}^2\ \Phi_{41}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}^2\ \Phi_{1}^2$
70819	1190	1131	$\frac{2}{87}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1131}\ \Phi_{377}\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{13}\ \Phi_{1}^2$
70820	1190	1638	$\frac{1}{42}$	$\frac{1}{13}$	$\frac{41}{126}$	$\frac{6}{13}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{234}\ \Phi_{126}^2\ \Phi_{117}\ \Phi_{63}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_{9}^2\ \Phi_{1}^2$
70821	1190	1144	$\frac{3}{88}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{1144}\ \Phi_{572}\ \Phi_{286}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{13}\ \Phi_{11}^2\ \Phi_{8}^2\ \Phi_{1}^2$
70822	1190	1456	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{27}{112}$	$\frac{6}{13}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{208}\ \Phi_{112}^2\ \Phi_{104}\ \Phi_{56}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{8}^2\ \Phi_{1}^2$
70823	1190	273	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{4}{21}$	$\frac{6}{13}$	$\Phi_{273}^4\ \Phi_{91}^4\ \Phi_{39}^4\ \Phi_{21}^8\ \Phi_{13}^5\ \Phi_{7}^8\ \Phi_{3}^8\ \Phi_{1}^{10}$
70824	1190	234	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{234}^5\ \Phi_{117}^5\ \Phi_{78}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{18}^{10}\ \Phi_{13}^5\ \Phi_{9}^{10}\ \Phi_{6}^8\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^{10}$
70825	1190	91	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{91}^{13}\ \Phi_{13}^{14}\ \Phi_{7}^{12}\ \Phi_{1}^{14}$
70826	1190	1274	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{13}{98}$	$\frac{6}{13}$	$\Phi_{1274}\ \Phi_{637}\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{13}\ \Phi_{1}^2$
70827	1190	1248	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{6}{13}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{104}\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{8}^2\ \Phi_{1}^2$
70828	1190	220	$\frac{9}{110}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{101}{220}$	$\Phi_{220}^{10}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}^{10}\ \Phi_{22}\ \Phi_{20}^{10}\ \Phi_{4}^{10}$
70829	1190	1680	$\frac{1}{35}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
70830	1190	2240	$\frac{1}{35}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
70831	1190	164	$\frac{1}{41}$	$\frac{4}{41}$	$\frac{45}{164}$	$\frac{37}{82}$	$\Phi_{164}^{10}\ \Phi_{41}^9\ \Phi_{4}^{10}\ \Phi_{1}^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
70832	1190	2376	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{108}$	$\frac{97}{216}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
70833	1190	87	$\frac{2}{87}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{87}^{14}\ \Phi_{29}^{13}\ \Phi_{3}^{14}\ \Phi_{1}^{14}$
70834	1190	531	$\frac{1}{59}$	$\frac{1}{9}$	$\frac{58}{177}$	$\frac{4}{9}$	$\Phi_{531}^{2}\ \Phi_{177}^{3}\ \Phi_{59}^{2}\ \Phi_{9}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
70835	1190	531	$\frac{3}{59}$	$\frac{1}{9}$	$\frac{8}{59}$	$\frac{4}{9}$	$\Phi_{531}^{2}\ \Phi_{177}^{2}\ \Phi_{59}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
70836	1190	72	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{72}^{19}\ \Phi_{36}^{19}\ \Phi_{24}^{19}\ \Phi_{18}^{9}\ \Phi_{12}^{19}\ \Phi_{9}^{10}\ \Phi_{8}^{18}\ \Phi_{6}^{9}\ \Phi_{4}^{18}\ \Phi_{3}^{10}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
70837	1190	1189	$\frac{39}{1189}$	$\frac{137}{1189}$	$\frac{230}{1189}$	$\frac{526}{1189}$	$\Phi_{1189}\ \Phi_{41}\ \Phi_{29}\ \Phi_{1}^{2}$
70838	1190	152	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{1}{8}$	$\frac{67}{152}$	$\Phi_{152}^{7}\ \Phi_{76}^{9}\ \Phi_{38}^{9}\ \Phi_{19}^{8}\ \Phi_{8}^{6}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
70839	1190	1408	$\frac{9}{128}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
70840	1190	1278	$\frac{1}{18}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{31}{71}$	$\Phi_{1278}\ \Phi_{639}\ \Phi_{426}\ \Phi_{213}\ \Phi_{142}$
70841	1190	2130	$\frac{1}{71}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{2130}\ \Phi_{710}\ \Phi_{426}\ \Phi_{213}\ \Phi_{142}$
70842	1190	180	$\frac{1}{36}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{180}^{7}\ \Phi_{90}^{7}\ \Phi_{60}^{7}\ \Phi_{45}^{7}\ \Phi_{36}^{6}\ \Phi_{30}^{5}\ \Phi_{20}^{7}\ \Phi_{18}^{6}\ \Phi_{15}^{7}\ \Phi_{12}^{6}\ \Phi_{10}^{5}\ \Phi_{9}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
70843	1190	330	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{13}{30}$	$\Phi_{330}^{7}\ \Phi_{165}\ \Phi_{110}^{7}\ \Phi_{66}^{7}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}^{7}$
70844	1190	1189	$\frac{62}{1189}$	$\frac{135}{1189}$	$\frac{161}{1189}$	$\frac{514}{1189}$	$\Phi_{1189}\ \Phi_{41}\ \Phi_{29}\ \Phi_{1}^{2}$
70845	1190	1434	$\frac{8}{239}$	$\frac{33}{239}$	$\frac{1}{6}$	$\frac{103}{239}$	$\Phi_{1434}\ \Phi_{717}\ \Phi_{478}$
70846	1190	1044	$\frac{1}{29}$	$\frac{73}{522}$	$\frac{14}{87}$	$\frac{449}{1044}$	$\Phi_{1044}^{2}\ \Phi_{348}^{2}\ \Phi_{116}^{2}\ \Phi_{87}^{2}\ \Phi_{36}^{2}\ \Phi_{29}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
70847	1190	252	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{252}^{5}\ \Phi_{126}^{5}\ \Phi_{84}^{5}\ \Phi_{63}^{5}\ \Phi_{42}^{5}\ \Phi_{36}^{4}\ \Phi_{28}^{5}\ \Phi_{21}^{3}\ \Phi_{18}^{4}\ \Phi_{14}^{5}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
70848	1190	696	$\frac{1}{29}$	$\frac{101}{696}$	$\frac{14}{87}$	$\frac{73}{174}$	$\Phi_{696}^{2}\ \Phi_{348}^{2}\ \Phi_{232}^{2}\ \Phi_{116}^{2}\ \Phi_{87}^{2}\ \Phi_{29}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
70849	1190	205	$\frac{1}{41}$	$\frac{33}{205}$	$\frac{8}{41}$	$\frac{86}{205}$	$\Phi_{205}^{5}\ \Phi_{41}^{9}\ \Phi_{5}^{5}\ \Phi_{1}^{10}$
70850	1190	738	$\frac{1}{41}$	$\frac{20}{123}$	$\frac{143}{738}$	$\frac{103}{246}$	$\Phi_{738}^{2}\ \Phi_{369}^{2}\ \Phi_{123}^{2}\ \Phi_{41}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
70851	1190	516	$\frac{1}{86}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{516}^{4}\ \Phi_{258}\ \Phi_{172}^{4}\ \Phi_{129}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}^{2}$
70852	1190	1704	$\frac{1}{71}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1704}\ \Phi_{568}\ \Phi_{426}\ \Phi_{213}\ \Phi_{142}$
70853	1190	2028	$\frac{4}{169}$	$\frac{1}{6}$	$\frac{33}{169}$	$\frac{5}{12}$	$\Phi_{2028}\ \Phi_{676}\ \Phi_{169}\ \Phi_{156}\ \Phi_{52}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
70854	1190	420	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}^{5}\ \Phi_{210}\ \Phi_{140}^{5}\ \Phi_{105}\ \Phi_{84}^{5}\ \Phi_{70}\ \Phi_{60}^{5}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}^{5}\ \Phi_{21}\ \Phi_{20}^{5}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
70855	1190	2028	$\frac{9}{169}$	$\frac{16}{169}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2028}\ \Phi_{676}\ \Phi_{169}\ \Phi_{156}\ \Phi_{52}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
70856	1190	396	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{396}^{6}\ \Phi_{198}\ \Phi_{132}^{5}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}^{5}\ \Phi_{33}\ \Phi_{22}$
70857	1190	1092	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1092}^{2}\ \Phi_{364}^{2}\ \Phi_{156}\ \Phi_{91}^{2}\ \Phi_{84}^{2}\ \Phi_{52}\ \Phi_{28}^{2}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
70858	1190	123	$\frac{4}{123}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{123}^{10}\ \Phi_{41}^{9}\ \Phi_{3}^{10}\ \Phi_{1}^{10}$
70859	1190	29	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{12}{29}$	$\Phi_{29}^{41}\ \Phi_{1}^{42}$
70860	1190	1278	$\frac{1}{18}$	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{29}{71}$	$\Phi_{1278}\ \Phi_{639}\ \Phi_{426}\ \Phi_{213}\ \Phi_{142}$
70861	1190	1189	$\frac{64}{1189}$	$\frac{101}{1189}$	$\frac{225}{1189}$	$\frac{482}{1189}$	$\Phi_{1189}\ \Phi_{41}\ \Phi_{29}\ \Phi_{1}^{2}$
70862	1190	2200	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{19}{100}$	$\frac{81}{200}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
70863	1190	456	$\frac{2}{57}$	$\frac{1}{8}$	$\frac{11}{57}$	$\frac{23}{57}$	$\Phi_{456}^{3}\ \Phi_{228}^{3}\ \Phi_{152}^{3}\ \Phi_{114}^{3}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
70864	1190	430	$\frac{1}{86}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{430}^{3}\ \Phi_{215}^{3}\ \Phi_{86}^{2}\ \Phi_{43}^{2}\ \Phi_{10}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
70865	1190	180	$\frac{1}{36}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{180}^{7}\ \Phi_{90}^{7}\ \Phi_{60}^{7}\ \Phi_{45}^{7}\ \Phi_{36}^{6}\ \Phi_{30}^{7}\ \Phi_{20}^{5}\ \Phi_{18}^{6}\ \Phi_{15}^{7}\ \Phi_{12}^{6}\ \Phi_{10}^{5}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
70866	1190	984	$\frac{1}{41}$	$\frac{20}{123}$	$\frac{103}{492}$	$\frac{389}{984}$	$\Phi_{984}^{2}\ \Phi_{328}^{2}\ \Phi_{123}^{2}\ \Phi_{41}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
70867	1190	252	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{252}^{5}\ \Phi_{126}^{5}\ \Phi_{84}^{5}\ \Phi_{63}^{5}\ \Phi_{42}^{5}\ \Phi_{36}^{4}\ \Phi_{28}^{3}\ \Phi_{21}^{5}\ \Phi_{18}^{4}\ \Phi_{14}^{5}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
70868	1190	123	$\frac{4}{123}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{123}^{10}\ \Phi_{41}^{9}\ \Phi_{3}^{10}\ \Phi_{1}^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
70869	1190	2112	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{23}{96}$	$\frac{73}{192}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
70870	1190	120	$\frac{1}{120}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{120}^{10}\ \Phi_{60}^{10}\ \Phi_{40}^{10}\ \Phi_{30}^{10}\ \Phi_{24}^{9}\ \Phi_{20}^{10}\ \Phi_{15}^{10}\ \Phi_{12}^{10}\ \Phi_{10}^{10}\ \Phi_{8}^{10}\ \Phi_{6}^{10}\ \Phi_{5}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{9}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
70871	1190	632	$\frac{1}{79}$	$\frac{39}{158}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{632}^{3}\ \Phi_{158}^{2}\ \Phi_{79}\ \Phi_{8}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
70872	1190	632	$\frac{2}{79}$	$\frac{11}{79}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{632}^{3}\ \Phi_{79}^{3}\ \Phi_{8}^{4}\ \Phi_{1}^{4}$
70873	1190	280	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^{4}\ \Phi_{140}^{5}\ \Phi_{70}^{5}\ \Phi_{56}^{4}\ \Phi_{40}^{4}\ \Phi_{35}^{4}\ \Phi_{28}^{5}\ \Phi_{20}^{5}\ \Phi_{14}^{5}\ \Phi_{10}^{5}\ \Phi_{7}^{4}\ \Phi_{5}^{4}$
70874	1190	1896	$\frac{13}{237}$	$\frac{16}{237}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1896}\ \Phi_{632}\ \Phi_{237}\ \Phi_{79}\ \Phi_{24}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
70875	1190	360	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^{6}\ \Phi_{120}^{5}\ \Phi_{90}^{3}\ \Phi_{72}^{4}\ \Phi_{45}^{3}\ \Phi_{40}^{5}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
70876	1190	1890	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{1890}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
70877	1190	1980	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{29}{90}$	$\frac{61}{180}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
70878	1190	894	$\frac{1}{149}$	$\frac{148}{447}$	$\frac{1}{3}$	$\frac{299}{894}$	$\Phi_{894}^{2}\ \Phi_{447}\ \Phi_{298}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
70879	1190	774	$\frac{1}{86}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{774}^{2}\ \Phi_{387}^{2}\ \Phi_{258}\ \Phi_{129}\ \Phi_{18}^{2}\ \Phi_{6}$
70880	1190	696	$\frac{2}{87}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{696}^{2}\ \Phi_{348}^{2}\ \Phi_{232}^{2}\ \Phi_{174}^{2}\ \Phi_{116}^{2}\ \Phi_{58}^{2}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
70881	1190	888	$\frac{3}{296}$	$\frac{1}{4}$	$\frac{293}{888}$	$\frac{1}{3}$	$\Phi_{888}\ \Phi_{444}\ \Phi_{296}^{2}\ \Phi_{222}\ \Phi_{148}^{2}\ \Phi_{111}\ \Phi_{74}^{2}\ \Phi_{37}^{2}\ \Phi_{24}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
70882	1190	354	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{58}{177}$	$\frac{1}{3}$	$\Phi_{354}^{4}\ \Phi_{177}^{3}\ \Phi_{118}^{4}\ \Phi_{59}^{2}\ \Phi_{6}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{4}$
70883	1190	504	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{41}{126}$	$\frac{1}{3}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{126}^{2}\ \Phi_{72}^{4}\ \Phi_{63}^{2}\ \Phi_{36}^{4}\ \Phi_{24}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{6}$
70884	1190	306	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{306}^{4}\ \Phi_{153}^{4}\ \Phi_{102}^{4}\ \Phi_{51}^{3}\ \Phi_{34}^{4}\ \Phi_{18}^{6}\ \Phi_{17}^{2}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{4}$
70885	1190	72	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{72}^{16}\ \Phi_{36}^{18}\ \Phi_{24}^{15}\ \Phi_{18}^{18}\ \Phi_{12}^{17}\ \Phi_{9}^{18}\ \Phi_{8}^{14}\ \Phi_{6}^{17}\ \Phi_{4}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
70886	1190	444	$\frac{3}{148}$	$\frac{29}{148}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{444}^{4}\ \Phi_{222}^{4}\ \Phi_{111}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
70887	1190	1824	$\frac{13}{608}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}\ \Phi_{57}\ \Phi_{12}\ \Phi_{6}$
70888	1190	180	$\frac{1}{36}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^{8}\ \Phi_{90}^{8}\ \Phi_{60}^{7}\ \Phi_{45}^{8}\ \Phi_{36}^{2}\ \Phi_{30}^{7}\ \Phi_{20}^{8}\ \Phi_{18}^{2}\ \Phi_{15}^{7}\ \Phi_{12}^{2}\ \Phi_{10}^{8}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{8}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
70889	1190	264	$\frac{3}{88}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{264}^{7}\ \Phi_{132}^{7}\ \Phi_{66}^{7}\ \Phi_{33}^{7}\ \Phi_{24}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
70890	1190	336	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{27}{112}$	$\frac{1}{3}$	$\Phi_{336}^{7}\ \Phi_{168}^{3}\ \Phi_{84}^{4}\ \Phi_{48}^{7}\ \Phi_{42}^{4}\ \Phi_{24}^{4}\ \Phi_{21}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
70891	1190	1716	$\frac{2}{39}$	$\frac{1}{11}$	$\frac{37}{156}$	$\frac{1}{3}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{286}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
70892	1190	1521	$\frac{4}{169}$	$\frac{33}{169}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1521}\ \Phi_{169}\ \Phi_{117}\ \Phi_{13}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
70893	1190	630	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{630}^{3}\ \Phi_{315}^{2}\ \Phi_{210}\ \Phi_{126}^{3}\ \Phi_{105}\ \Phi_{90}^{3}\ \Phi_{70}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
70894	1190	1521	$\frac{9}{169}$	$\frac{16}{169}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1521}\ \Phi_{169}\ \Phi_{117}\ \Phi_{13}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
70895	1190	198	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{198}^{7}\ \Phi_{99}^{6}\ \Phi_{66}^{7}\ \Phi_{33}^{7}\ \Phi_{22}^{7}\ \Phi_{11}^{6}$
70896	1190	819	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{819}^{2}\ \Phi_{117}\ \Phi_{91}^{2}\ \Phi_{63}^{2}\ \Phi_{13}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
70897	1190	168	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{4}{21}$	$\frac{1}{3}$	$\Phi_{168}^{8}\ \Phi_{84}^{8}\ \Phi_{56}^{8}\ \Phi_{42}^{8}\ \Phi_{28}^{8}\ \Phi_{24}^{9}\ \Phi_{14}^{8}\ \Phi_{12}^{9}\ \Phi_{8}^{8}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}$
70898	1190	1788	$\frac{31}{596}$	$\frac{69}{596}$	$\frac{113}{596}$	$\frac{1}{3}$	$\Phi_{1788}\ \Phi_{894}\ \Phi_{447}\ \Phi_{12}\ \Phi_{6}$
70899	1190	306	$\frac{1}{18}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{306}^{4}\ \Phi_{153}^{4}\ \Phi_{102}^{4}\ \Phi_{51}^{2}\ \Phi_{34}^{4}\ \Phi_{18}^{6}\ \Phi_{17}^{4}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
70900	1190	1788	$\frac{29}{596}$	$\frac{81}{596}$	$\frac{103}{596}$	$\frac{1}{3}$	$\Phi_{1788}\ \Phi_{894}\ \Phi_{447}\ \Phi_{12}\ \Phi_{6}$
70901	1190	354	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{354}^{4}\ \Phi_{177}^{2}\ \Phi_{118}^{4}\ \Phi_{59}^{4}\ \Phi_{6}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
70902	1190	72	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{72}^{20}\ \Phi_{36}^{20}\ \Phi_{24}^{17}\ \Phi_{18}^{10}\ \Phi_{12}^{17}\ \Phi_{9}^{10}\ \Phi_{8}^{16}\ \Phi_{6}^{9}\ \Phi_{4}^{16}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
70903	1190	2184	$\frac{6}{91}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
70904	1190	1176	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{98}$	$\frac{1}{3}$	$\Phi_{1176}^{2}\ \Phi_{588}^{2}\ \Phi_{294}\ \Phi_{147}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
70905	1190	96	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{96}^{14}\ \Phi_{48}^{14}\ \Phi_{32}^{14}\ \Phi_{24}^{7}\ \Phi_{16}^{14}\ \Phi_{12}^{9}\ \Phi_{8}^{6}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
70906	1190	1512	$\frac{2}{21}$	$\frac{19}{189}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{126}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
70907	1190	738	$\frac{1}{41}$	$\frac{143}{738}$	$\frac{83}{369}$	$\frac{40}{123}$	$\Phi_{738}^{2}\ \Phi_{369}\ \Phi_{246}^{2}\ \Phi_{123}^{2}\ \Phi_{82}^{2}\ \Phi_{41}\ \Phi_{18}^{2}\ \Phi_{9}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
70908	1190	123	$\frac{2}{41}$	$\frac{3}{41}$	$\frac{38}{123}$	$\frac{13}{41}$	$\Phi_{123}^{14}\ \Phi_{41}\ \Phi_{3}^{14}\ \Phi_{1}^{2}$
70909	1190	174	$\frac{3}{58}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{55}{174}$	$\Phi_{174}^{10}\ \Phi_{87}^{10}\ \Phi_{29}\ \Phi_{6}^{10}\ \Phi_{3}^{10}\ \Phi_{1}^{2}$
70910	1190	1122	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{16}{51}$	$\Phi_{1122}^{2}\ \Phi_{561}\ \Phi_{102}^{2}\ \Phi_{66}^{2}\ \Phi_{51}^{2}\ \Phi_{33}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
70911	1190	1584	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{25}{144}$	$\frac{11}{36}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
70912	1190	1944	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{73}{243}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
70913	1190	1512	$\frac{19}{189}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{27}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
70914	1190	552	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{11}{46}$	$\frac{7}{24}$	$\Phi_{552}^{3}\ \Phi_{276}^{3}\ \Phi_{138}^{3}\ \Phi_{69}^{3}\ \Phi_{46}^{2}\ \Phi_{24}^{4}\ \Phi_{23}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
70915	1190	552	$\frac{4}{69}$	$\frac{1}{8}$	$\frac{13}{69}$	$\frac{7}{24}$	$\Phi_{552}^{2}\ \Phi_{276}^{2}\ \Phi_{184}^{2}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{69}^{3}\ \Phi_{46}^{2}\ \Phi_{24}^{3}\ \Phi_{23}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
70916	1190	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{120}^{10}\ \Phi_{60}^{10}\ \Phi_{40}^{10}\ \Phi_{30}^{13}\ \Phi_{24}^{7}\ \Phi_{20}^{10}\ \Phi_{15}^{12}\ \Phi_{12}^{7}\ \Phi_{10}^{13}\ \Phi_{8}^{6}\ \Phi_{6}^{9}\ \Phi_{5}^{12}\ \Phi_{4}^{6}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
70917	1190	552	$\frac{2}{23}$	$\frac{1}{8}$	$\frac{3}{23}$	$\frac{7}{24}$	$\Phi_{552}^{3}\ \Phi_{276}^{3}\ \Phi_{138}^{3}\ \Phi_{69}^{3}\ \Phi_{24}^{4}\ \Phi_{23}^{3}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
70918	1190	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{264}^{7}\ \Phi_{132}^{7}\ \Phi_{88}\ \Phi_{66}^{7}\ \Phi_{44}\ \Phi_{33}^{7}\ \Phi_{22}$
70919	1190	783	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{188}{783}$	$\frac{73}{261}$	$\Phi_{783}^{2}\ \Phi_{87}^{2}\ \Phi_{29}\ \Phi_{27}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
70920	1190	1680	$\frac{1}{35}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
70921	1190	180	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{180}^{7}\ \Phi_{90}^{7}\ \Phi_{60}^{7}\ \Phi_{45}^{6}\ \Phi_{36}^{6}\ \Phi_{30}^{7}\ \Phi_{20}^{7}\ \Phi_{18}^{6}\ \Phi_{15}^{7}\ \Phi_{12}^{6}\ \Phi_{10}^{7}\ \Phi_{9}^{5}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
70922	1190	456	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{9}{38}$	$\frac{29}{114}$	$\Phi_{456}^{4}\ \Phi_{228}^{4}\ \Phi_{152}\ \Phi_{114}^{2}\ \Phi_{76}\ \Phi_{57}^{2}\ \Phi_{38}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
70923	1190	460	$\frac{1}{23}$	$\frac{3}{20}$	$\frac{11}{46}$	$\frac{1}{4}$	$\Phi_{460}^{3}\ \Phi_{230}^{3}\ \Phi_{115}^{3}\ \Phi_{46}^{2}\ \Phi_{23}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
70924	1190	1380	$\frac{4}{69}$	$\frac{3}{20}$	$\frac{13}{69}$	$\frac{1}{4}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{230}\ \Phi_{115}\ \Phi_{69}\ \Phi_{60}\ \Phi_{30}\ \Phi_{23}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
70925	1190	60	$\frac{1}{15}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{60}^{18}\ \Phi_{30}^{21}\ \Phi_{20}^{19}\ \Phi_{15}^{20}\ \Phi_{12}^{20}\ \Phi_{10}^{22}\ \Phi_{6}^{22}\ \Phi_{5}^{21}\ \Phi_{4}^{20}\ \Phi_{3}^{21}\ \Phi_{2}^{22}\ \Phi_{1}^{22}$
70926	1190	460	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{460}^{3}\ \Phi_{230}^{3}\ \Phi_{115}^{3}\ \Phi_{23}^{3}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
70927	1190	440	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{440}^{4}\ \Phi_{220}^{3}\ \Phi_{110}^{3}\ \Phi_{88}\ \Phi_{55}^{3}\ \Phi_{44}\ \Phi_{22}$
70928	1190	374	$\frac{1}{11}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{22}$	$\Phi_{374}^{4}\ \Phi_{187}^{2}\ \Phi_{34}^{4}\ \Phi_{22}^{6}\ \Phi_{17}^{4}\ \Phi_{11}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
70929	1190	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{22}$	$\Phi_{264}^{6}\ \Phi_{132}^{6}\ \Phi_{88}^{3}\ \Phi_{66}^{3}\ \Phi_{44}^{3}\ \Phi_{33}^{3}\ \Phi_{24}^{8}\ \Phi_{22}^{2}\ \Phi_{12}^{8}\ \Phi_{11}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
70930	1190	216	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{27}$	$\frac{23}{108}$	$\Phi_{216}^{6}\ \Phi_{108}^{4}\ \Phi_{72}^{7}\ \Phi_{54}^{4}\ \Phi_{36}^{5}\ \Phi_{27}^{6}\ \Phi_{24}^{7}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
70931	1190	145	$\frac{3}{29}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{26}{145}$	$\Phi_{145}^{10}\ \Phi_{29}\ \Phi_{5}^{10}\ \Phi_{1}^{2}$
70932	1191	1904	$\frac{1}{238}$	$\frac{239}{952}$	$\frac{713}{1904}$	$\frac{237}{476}$	$\Phi_{1904}\ \Phi_{476}\ \Phi_{272}\ \Phi_{112}\ \Phi_{68}\ \Phi_{28}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
70933	1191	680	$\frac{1}{170}$	$\frac{57}{340}$	$\frac{283}{680}$	$\frac{169}{340}$	$\Phi_{680}^{3}\ \Phi_{340}\ \Phi_{136}^{3}\ \Phi_{68}\ \Phi_{40}^{3}\ \Phi_{20}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
70934	1191	2360	$\frac{11}{1180}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1169}{2360}$	$\Phi_{2360}\ \Phi_{472}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
70935	1191	784	$\frac{5}{392}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{387}{784}$	$\Phi_{784}^{3}\ \Phi_{112}^{3}\ \Phi_{28}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
70936	1191	784	$\frac{5}{392}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{387}{784}$	$\Phi_{784}^{3}\ \Phi_{112}^{3}\ \Phi_{16}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
70937	1191	2240	$\frac{1}{70}$	$\frac{71}{1120}$	$\frac{1049}{2240}$	$\frac{69}{140}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{140}\ \Phi_{64}\ \Phi_{28}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
70938	1191	560	$\frac{1}{70}$	$\frac{71}{560}$	$\frac{163}{560}$	$\frac{69}{140}$	$\Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{140}^{3}\ \Phi_{112}^{2}\ \Phi_{80}^{2}\ \Phi_{70}^{2}\ \Phi_{56}^{2}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
70939	1191	1400	$\frac{1}{70}$	$\frac{209}{1400}$	$\frac{71}{280}$	$\frac{69}{140}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{200}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{50}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
70940	1191	532	$\frac{2}{133}$	$\frac{1}{7}$	$\frac{135}{532}$	$\frac{131}{266}$	$\Phi_{532}^3\ \Phi_{133}^3\ \Phi_{76}^3\ \Phi_{28}^3\ \Phi_{19}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
70941	1191	780	$\frac{7}{390}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{383}{780}$	$\Phi_{780}^3\ \Phi_{260}^3\ \Phi_{156}^3\ \Phi_{60}^3\ \Phi_{52}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
70942	1191	1600	$\frac{9}{400}$	$\frac{1}{10}$	$\frac{409}{1600}$	$\frac{391}{800}$	$\Phi_{1600}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{64}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
70943	1191	2320	$\frac{31}{1160}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1129}{2320}$	$\Phi_{2320}\ \Phi_{464}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
70944	1191	2312	$\frac{1}{34}$	$\frac{35}{1156}$	$\frac{1121}{2312}$	$\frac{33}{68}$	$\Phi_{2312}\ \Phi_{136}\ \Phi_{68}\ \Phi_8\ \Phi_4\ \Phi_1$
70945	1191	2300	$\frac{41}{1150}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1109}{2300}$	$\Phi_{2300}\ \Phi_{460}\ \Phi_{100}\ \Phi_{92}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
70946	1191	480	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{83}{480}$	$\frac{77}{160}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_6^3\ \Phi_5^2\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
70947	1191	760	$\frac{17}{380}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{363}{760}$	$\Phi_{760}^3\ \Phi_{152}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
70948	1191	1330	$\frac{6}{133}$	$\frac{139}{1330}$	$\frac{1}{7}$	$\frac{127}{266}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{190}\ \Phi_{133}\ \Phi_{95}\ \Phi_{70}\ \Phi_{35}\ \Phi_{19}\ \Phi_{10}\ \Phi_5\ \Phi_1$
70949	1191	756	$\frac{19}{378}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{359}{756}$	$\Phi_{756}^3\ \Phi_{252}^3\ \Phi_{108}^3\ \Phi_{84}^3\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
70950	1191	748	$\frac{1}{34}$	$\frac{23}{374}$	$\frac{11}{34}$	$\frac{351}{748}$	$\Phi_{748}^3\ \Phi_{68}^3\ \Phi_{44}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
70951	1191	2240	$\frac{71}{1120}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1049}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
70952	1191	588	$\frac{5}{196}$	$\frac{1}{14}$	$\frac{191}{588}$	$\frac{13}{28}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{147}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{28}\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
70953	1191	1232	$\frac{41}{1232}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{176}\ \Phi_{154}\ \Phi_{112}\ \Phi_{88}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_4\ \Phi_1$
70954	1191	1568	$\frac{15}{392}$	$\frac{1}{14}$	$\frac{377}{1568}$	$\frac{13}{28}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{224}\ \Phi_{112}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_4\ \Phi_1$
70955	1191	420	$\frac{23}{420}$	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}\ \Phi_{21}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
70956	1191	1372	$\frac{1}{14}$	$\frac{15}{196}$	$\frac{181}{1372}$	$\frac{13}{28}$	$\Phi_{1372}\ \Phi_{686}\ \Phi_{343}\ \Phi_{28}\ \Phi_4\ \Phi_1$
70957	1191	448	$\frac{1}{14}$	$\frac{5}{56}$	$\frac{51}{448}$	$\frac{13}{28}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{28}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
70958	1191	544	$\frac{1}{34}$	$\frac{11}{136}$	$\frac{147}{544}$	$\frac{125}{272}$	$\Phi_{544}^3\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{34}^2\ \Phi_{32}^3\ \Phi_{17}^2\ \Phi_8^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
70959	1191	2200	$\frac{91}{1100}$	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1009}{2200}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{200}\ \Phi_{100}\ \Phi_{88}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
70960	1191	2176	$\frac{1}{34}$	$\frac{103}{1088}$	$\frac{33}{136}$	$\frac{985}{2176}$	$\Phi_{2176}\ \Phi_{136}\ \Phi_{128}\ \Phi_{68}\ \Phi_8\ \Phi_4\ \Phi_1$
70961	1191	420	$\frac{23}{420}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
70962	1191	720	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{37}{360}$	$\frac{323}{720}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{144}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
70963	1191	1280	$\frac{89}{1280}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{160}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
70964	1191	2128	$\frac{6}{133}$	$\frac{127}{1064}$	$\frac{1}{7}$	$\frac{937}{2128}$	$\Phi_{2128}\ \Phi_{304}\ \Phi_{133}\ \Phi_{112}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
70965	1191	700	$\frac{1}{70}$	$\frac{47}{350}$	$\frac{23}{70}$	$\frac{303}{700}$	$\Phi_{700}^3\ \Phi_{140}^3\ \Phi_{100}^3\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
70966	1191	700	$\frac{1}{35}$	$\frac{47}{350}$	$\frac{34}{175}$	$\frac{303}{700}$	$\Phi_{700}^3\ \Phi_{175}\ \Phi_{140}^3\ \Phi_{100}^3\ \Phi_{28}^3\ \Phi_{25}\ \Phi_{20}^3\ \Phi_4^3\ \Phi_1$
70967	1191	700	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{47}{350}$	$\frac{303}{700}$	$\Phi_{700}^3\ \Phi_{140}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{28}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
70968	1191	490	$\frac{1}{35}$	$\frac{34}{245}$	$\frac{93}{490}$	$\frac{211}{490}$	$\Phi_{490}^2\ \Phi_{245}^3\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{49}^3\ \Phi_{35}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
70969	1191	560	$\frac{1}{70}$	$\frac{23}{140}$	$\frac{163}{560}$	$\frac{117}{280}$	$\Phi_{560}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
70970	1191	680	$\frac{1}{85}$	$\frac{57}{340}$	$\frac{28}{85}$	$\frac{283}{680}$	$\Phi_{680}^3\ \Phi_{136}^3\ \Phi_{85}^2\ \Phi_{40}^3\ \Phi_{17}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_1^3$
70971	1191	680	$\frac{1}{34}$	$\frac{11}{68}$	$\frac{57}{340}$	$\frac{283}{680}$	$\Phi_{680}^3\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{40}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_8^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
70972	1191	2000	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{191}{1000}$	$\frac{809}{2000}$	$\Phi_{2000}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
70973	1191	1400	$\frac{1}{35}$	$\frac{209}{1400}$	$\frac{34}{175}$	$\frac{141}{350}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
70974	1191	1700	$\frac{1}{85}$	$\frac{84}{425}$	$\frac{509}{1700}$	$\frac{341}{850}$	$\Phi_{1700}\ \Phi_{425}\ \Phi_{340}\ \Phi_{100}\ \Phi_{68}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
70975	1191	1960	$\frac{1}{35}$	$\frac{34}{245}$	$\frac{211}{980}$	$\frac{769}{1960}$	$\Phi_{1960}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{56}\ \Phi_{49}\ \Phi_{40}\ \Phi_{8}\ \Phi_{1}$
70976	1191	640	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{77}{320}$	$\frac{243}{640}$	$\Phi_{640}^3\ \Phi_{128}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_{8}^3\ \Phi_{5}^2\ \Phi_{4}^3\ \Phi_{2}^2\ \Phi_{1}^3$
70977	1191	1360	$\frac{1}{34}$	$\frac{169}{1360}$	$\frac{33}{136}$	$\frac{103}{272}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{80}\ \Phi_{68}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
70978	1191	406	$\frac{9}{406}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{406}^3\ \Phi_{203}^3\ \Phi_{58}^3\ \Phi_{29}^3\ \Phi_{7}^2\ \Phi_{1}^3$
70979	1191	612	$\frac{1}{34}$	$\frac{11}{102}$	$\frac{91}{306}$	$\frac{215}{612}$	$\Phi_{612}^3\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{68}^3\ \Phi_{51}^3\ \Phi_{36}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^3\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
70980	1191	600	$\frac{3}{100}$	$\frac{1}{10}$	$\frac{97}{300}$	$\frac{203}{600}$	$\Phi_{600}^3\ \Phi_{200}^3\ \Phi_{120}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{25}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_{8}^3\ \Phi_{5}^2\ \Phi_{4}^3\ \Phi_{2}^2\ \Phi_{1}^3$
70981	1191	510	$\frac{1}{85}$	$\frac{113}{510}$	$\frac{28}{85}$	$\frac{57}{170}$	$\Phi_{510}^3\ \Phi_{255}^3\ \Phi_{102}^3\ \Phi_{85}^2\ \Phi_{51}^3\ \Phi_{30}^3\ \Phi_{17}^2\ \Phi_{15}^3\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{3}^3\ \Phi_{1}^3$
70982	1191	595	$\frac{4}{595}$	$\frac{197}{595}$	$\frac{198}{595}$	$\frac{199}{595}$	$\Phi_{595}^2\ \Phi_{119}^2\ \Phi_{85}^2\ \Phi_{35}^2\ \Phi_{17}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^3$
70983	1191	588	$\frac{5}{196}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{191}{588}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{147}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{3}^3\ \Phi_{1}^3$
70984	1191	480	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{83}{480}$	$\frac{37}{120}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_{8}^3\ \Phi_{5}^2\ \Phi_{4}^3\ \Phi_{2}^2\ \Phi_{1}^3$
70985	1191	441	$\frac{2}{21}$	$\frac{44}{441}$	$\frac{1}{7}$	$\frac{19}{63}$	$\Phi_{441}^3\ \Phi_{147}^3\ \Phi_{49}^3\ \Phi_{21}^3\ \Phi_{7}^2\ \Phi_{3}^3\ \Phi_{1}^3$
70986	1191	520	$\frac{7}{130}$	$\frac{1}{10}$	$\frac{123}{520}$	$\frac{3}{10}$	$\Phi_{520}^3\ \Phi_{260}^3\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_{8}^3\ \Phi_{5}^2\ \Phi_{4}^3\ \Phi_{2}^2\ \Phi_{1}^3$
70987	1191	420	$\frac{23}{420}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{4}^3\ \Phi_{2}^2\ \Phi_{1}^3$
70988	1191	567	$\frac{2}{21}$	$\frac{19}{189}$	$\frac{1}{7}$	$\frac{170}{567}$	$\Phi_{567}^3\ \Phi_{81}^3\ \Phi_{21}^3\ \Phi_{7}^2\ \Phi_{3}^3\ \Phi_{1}^3$
70989	1191	560	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{560}$	$\frac{163}{560}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}^2\ \Phi_{80}^3\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{4}^3\ \Phi_{2}^2\ \Phi_{1}^3$
70990	1191	490	$\frac{5}{98}$	$\frac{1}{7}$	$\frac{93}{490}$	$\frac{2}{7}$	$\Phi_{490}^3\ \Phi_{245}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{10}^3\ \Phi_{7}^2\ \Phi_{5}^3\ \Phi_{1}^3$
70991	1191	420	$\frac{23}{420}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{21}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{3}^3\ \Phi_{1}^3$
70992	1191	448	$\frac{5}{56}$	$\frac{51}{448}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{7}^2\ \Phi_{1}^3$
70993	1191	441	$\frac{44}{441}$	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{441}^3\ \Phi_{147}^3\ \Phi_{63}^3\ \Phi_{21}^3\ \Phi_{9}^3\ \Phi_{7}^2\ \Phi_{3}^3\ \Phi_{1}^3$
70994	1191	544	$\frac{1}{34}$	$\frac{103}{544}$	$\frac{33}{136}$	$\frac{147}{544}$	$\Phi_{544}^2\ \Phi_{272}^2\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{34}^2\ \Phi_{32}^2\ \Phi_{17}^2\ \Phi_{16}^2\ \Phi_{8}^3\ \Phi_{4}^3\ \Phi_{2}^2\ \Phi_{1}^3$
70995	1191	525	$\frac{1}{35}$	$\frac{34}{175}$	$\frac{128}{525}$	$\frac{47}{175}$	$\Phi_{525}^3\ \Phi_{175}\ \Phi_{105}^3\ \Phi_{75}^3\ \Phi_{25}\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{3}^3\ \Phi_{1}$
70996	1191	532	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{127}{532}$	$\frac{135}{532}$	$\Phi_{532}^2\ \Phi_{266}^2\ \Phi_{133}^3\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{28}^2\ \Phi_{19}^3\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
70997	1191	504	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{126}$	$\frac{107}{504}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{84}^3\ \Phi_{72}^3\ \Phi_{56}^3\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{4}^3\ \Phi_{3}^3\ \Phi_{1}^3$
70998	1192	297	$\frac{1}{297}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{148}{297}$	$\Phi_{297}^4\ \Phi_{99}^4\ \Phi_{33}^4\ \Phi_{27}^4\ \Phi_{11}^4\ \Phi_{9}^4\ \Phi_{3}^5\ \Phi_{1}^6$
70999	1192	1191	$\frac{5}{1191}$	$\frac{299}{1191}$	$\frac{446}{1191}$	$\frac{593}{1191}$	$\Phi_{1191}\ \Phi_{397}\ \Phi_{3}\ \Phi_{1}^2$
71000	1192	597	$\frac{1}{199}$	$\frac{50}{199}$	$\frac{1}{3}$	$\frac{99}{199}$	$\Phi_{597}^3\ \Phi_{3}^2$
71001	1192	2072	$\frac{1}{148}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{147}{296}$	$\Phi_{2072}\ \Phi_{296}^2\ \Phi_{56}\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{1}^2$
71002	1192	4440	$\frac{1}{148}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{147}{296}$	$\Phi_{4440}\ \Phi_{120}\ \Phi_{15}$
71003	1192	882	$\frac{2}{147}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{145}{294}$	$\Phi_{882}^3\ \Phi_{294}^2\ \Phi_{126}^3\ \Phi_{98}^2\ \Phi_{42}^2\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
71004	1192	1800	$\frac{1}{50}$	$\frac{1}{9}$	$\frac{51}{200}$	$\frac{49}{100}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{150}\ \Phi_{120}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{45}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
71005	1192	2610	$\frac{4}{145}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{141}{290}$	$\Phi_{2610}\ \Phi_{870}\ \Phi_{522}\ \Phi_{174}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
71006	1192	180	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{31}{180}$	$\frac{29}{60}$	$\Phi_{180}^5\ \Phi_{90}^8\ \Phi_{60}^6\ \Phi_{45}^8\ \Phi_{36}^5\ \Phi_{30}^8\ \Phi_{20}^6\ \Phi_{18}^8\ \Phi_{15}^8\ \Phi_{12}^6\ \Phi_{10}^8\ \Phi_{9}^7\ \Phi_{6}^8\ \Phi_{5}^8\ \Phi_{4}^6\ \Phi_{3}^7\ \Phi_{2}^8\ \Phi_{1}^8$
71007	1192	288	$\frac{5}{144}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{139}{288}$	$\Phi_{288}^8\ \Phi_{96}^8\ \Phi_{32}^8\ \Phi_{18}^3\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
71008	1192	1430	$\frac{6}{143}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{137}{286}$	$\Phi_{1430}^2\ \Phi_{130}^2\ \Phi_{110}^2\ \Phi_{65}\ \Phi_{10}^2$
71009	1192	805	$\frac{1}{23}$	$\frac{12}{161}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{805}^2\ \Phi_{115}\ \Phi_{35}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
71010	1192	2520	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{131}{280}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{168}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
71011	1192	780	$\frac{7}{156}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2$
71012	1192	1380	$\frac{1}{23}$	$\frac{11}{138}$	$\frac{1}{5}$	$\frac{127}{276}$	$\Phi_{1380}^2\ \Phi_{460}^2\ \Phi_{115}\ \Phi_{60}^2\ \Phi_{20}^2$
71013	1192	1440	$\frac{11}{160}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
71014	1192	270	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{9}$	$\frac{121}{270}$	$\Phi_{270}^8\ \Phi_{90}^8\ \Phi_{54}^8\ \Phi_{45}^3\ \Phi_{30}^8\ \Phi_{18}^8\ \Phi_{15}^2\ \Phi_{10}^8\ \Phi_{9}^2\ \Phi_{6}^8\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^8\ \Phi_{1}^2$
71015	1192	1554	$\frac{1}{74}$	$\frac{1}{7}$	$\frac{73}{222}$	$\frac{3}{7}$	$\Phi_{1554}\ \Phi_{777}\ \Phi_{222}^2\ \Phi_{111}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
71016	1192	1064	$\frac{3}{152}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{152}^2\ \Phi_{133}\ \Phi_{76}^2\ \Phi_{56}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{1}^2$
71017	1192	1295	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{36}{185}$	$\frac{3}{7}$	$\Phi_{1295}\ \Phi_{185}^2\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{1}^2$
71018	1192	468	$\frac{7}{156}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{156}^2\ \Phi_{117}^3\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{18}^3\ \Phi_{13}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
71019	1192	2250	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{24}{125}$	$\frac{101}{250}$	$\Phi_{2250}\ \Phi_{750}\ \Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
71020	1192	720	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{29}{120}$	$\frac{91}{240}$	$\Phi_{720}^3\ \Phi_{240}^2\ \Phi_{144}^3\ \Phi_{90}^3\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
71021	1192	150	$\frac{1}{150}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{150}^8\ \Phi_{75}^8\ \Phi_{50}^8\ \Phi_{30}^8\ \Phi_{25}^8\ \Phi_{15}^8\ \Phi_{10}^8\ \Phi_{6}^8\ \Phi_{5}^8\ \Phi_{3}^5\ \Phi_{2}^8\ \Phi_{1}^6$
71022	1192	891	$\frac{2}{297}$	$\frac{295}{891}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{891}^2\ \Phi_{81}^2\ \Phi_{3}\ \Phi_{1}^2$
71023	1192	198	$\frac{1}{99}$	$\frac{49}{198}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{198}^8\ \Phi_{99}^4\ \Phi_{66}^8\ \Phi_{33}^4\ \Phi_{22}^8\ \Phi_{18}^8\ \Phi_{11}^4\ \Phi_{9}^4\ \Phi_{6}^8\ \Phi_{3}^5\ \Phi_{2}^8\ \Phi_{1}^6$
71024	1192	603	$\frac{7}{603}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{603}^2\ \Phi_{201}^2\ \Phi_{67}^2\ \Phi_{3}\ \Phi_{1}^2$
71025	1192	693	$\frac{2}{99}$	$\frac{97}{693}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_{7}^2\ \Phi_{3}\ \Phi_{1}^2$
71026	1192	153	$\frac{4}{153}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{153}^8\ \Phi_{51}^8\ \Phi_{17}^8\ \Phi_{9}^4\ \Phi_{3}^5\ \Phi_{1}^6$
71027	1192	165	$\frac{1}{33}$	$\frac{16}{165}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}^8\ \Phi_{55}^8\ \Phi_{33}^4\ \Phi_{15}^8\ \Phi_{11}^4\ \Phi_{5}^8\ \Phi_{3}^5\ \Phi_{1}^6$
71028	1192	462	$\frac{5}{154}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{22}^4\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_{11}^2\ \Phi_{7}^4\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
71029	1192	162	$\frac{1}{27}$	$\frac{13}{162}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{162}^8\ \Phi_{81}^8\ \Phi_{54}^8\ \Phi_{27}^4\ \Phi_{18}^8\ \Phi_{9}^4\ \Phi_{6}^8\ \Phi_{3}^5\ \Phi_{2}^8\ \Phi_{1}^6$
71030	1192	621	$\frac{25}{621}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{621}^2\ \Phi_{207}^2\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_{3}\ \Phi_{1}^2$
71031	1192	627	$\frac{31}{627}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{627}^2\ \Phi_{209}^2\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_{3}\ \Phi_{1}^2$
71032	1192	1110	$\frac{1}{74}$	$\frac{1}{5}$	$\frac{73}{222}$	$\frac{1}{3}$	$\Phi_{1110}\ \Phi_{555}\ \Phi_{370}^2\ \Phi_{185}^2\ \Phi_{30}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{5}^2$
71033	1192	597	$\frac{3}{199}$	$\frac{49}{199}$	$\frac{50}{199}$	$\frac{1}{3}$	$\Phi_{597}^3\ \Phi_{3}^2$
71034	1192	2280	$\frac{3}{152}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{285}\ \Phi_{120}\ \Phi_{15}$
71035	1192	555	$\frac{1}{37}$	$\frac{36}{185}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{555}^3\ \Phi_{111}^4\ \Phi_{15}^4\ \Phi_{3}^4$
71036	1192	504	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{19}{168}$	$\frac{1}{3}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^2\ \Phi_{126}^3\ \Phi_{84}^2\ \Phi_{72}^3\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
71037	1192	345	$\frac{1}{23}$	$\frac{47}{345}$	$\frac{1}{5}$	$\frac{22}{69}$	$\Phi_{345}^3\ \Phi_{115}^4\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_{15}^3\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{1}^4$
71038	1192	180	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{31}{180}$	$\frac{14}{45}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^8\ \Phi_{45}^3\ \Phi_{36}^8\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{18}^8\ \Phi_{15}^2\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_{9}^2\ \Phi_{6}^8\ \Phi_{5}^2\ \Phi_{4}^8\ \Phi_{3}\ \Phi_{2}^8\ \Phi_{1}^2$
71039	1192	216	$\frac{5}{72}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{67}{216}$	$\Phi_{216}^8\ \Phi_{108}^8\ \Phi_{54}^8\ \Phi_{27}^8\ \Phi_{18}^3\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
71040	1192	2145	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{5}$	$\frac{131}{429}$	$\Phi_{2145}\ \Phi_{195}\ \Phi_{165}\ \Phi_{65}\ \Phi_{15}$
71041	1192	630	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{70}$	$\frac{61}{210}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^3\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^3\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
71042	1192	1035	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{1}{5}$	$\frac{58}{207}$	$\Phi_{1035}^2\ \Phi_{115}\ \Phi_{45}^2$
71043	1192	162	$\frac{13}{162}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{162}^8\ \Phi_{81}^8\ \Phi_{54}^8\ \Phi_{27}^8\ \Phi_{18}^3\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
71044	1192	920	$\frac{1}{23}$	$\frac{35}{184}$	$\frac{1}{5}$	$\frac{11}{46}$	$\Phi_{920}^2\ \Phi_{460}^2\ \Phi_{115}\ \Phi_{40}^2\ \Phi_{20}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
71045	1192	576	$\frac{5}{48}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{43}{192}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
71046	1192	504	$\frac{1}{9}$	$\frac{19}{168}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^2\ \Phi_{126}^3\ \Phi_{84}^2\ \Phi_{63}^3\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
71047	1192	180	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{180}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^8\ \Phi_{45}^8\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{18}^3\ \Phi_{15}^8\ \Phi_{10}^8\ \Phi_9^2\ \Phi_6^2\ \Phi_5^8\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
71048	1193	2368	$\frac{9}{1184}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1175}{2368}$	$\Phi_{2368}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
71049	1193	2352	$\frac{17}{1176}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1159}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{112}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
71050	1193	1600	$\frac{7}{400}$	$\frac{1}{8}$	$\frac{407}{1600}$	$\frac{393}{800}$	$\Phi_{1600}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{64}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
71051	1193	2320	$\frac{33}{1160}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1127}{2320}$	$\Phi_{2320}\ \Phi_{464}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
71052	1193	1440	$\frac{7}{240}$	$\frac{1}{8}$	$\frac{247}{1440}$	$\frac{233}{480}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
71053	1193	1288	$\frac{3}{92}$	$\frac{95}{1288}$	$\frac{1}{4}$	$\frac{89}{184}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{322}\ \Phi_{161}\ \Phi_{92}\ \Phi_{56}\ \Phi_{46}\ \Phi_{28}\ \Phi_{23}\ \Phi_{14}\ \Phi_7\ \Phi_1$
71054	1193	2304	$\frac{41}{1152}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1111}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
71055	1193	2288	$\frac{49}{1144}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{1095}{2288}$	$\Phi_{2288}\ \Phi_{208}\ \Phi_{176}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
71056	1193	1248	$\frac{55}{1248}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{32}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
71057	1193	2240	$\frac{73}{1120}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1047}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
71058	1193	2208	$\frac{3}{92}$	$\frac{89}{1104}$	$\frac{1}{4}$	$\frac{1015}{2208}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{96}\ \Phi_{92}\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_1$
71059	1193	1280	$\frac{87}{1280}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{160}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
71060	1193	2160	$\frac{7}{120}$	$\frac{113}{1080}$	$\frac{1}{8}$	$\frac{967}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
71061	1193	1776	$\frac{9}{592}$	$\frac{1}{8}$	$\frac{583}{1776}$	$\frac{7}{16}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{444}\ \Phi_{222}\ \Phi_{111}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
71062	1193	1216	$\frac{23}{1216}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{64}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
71063	1193	1248	$\frac{55}{1248}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
71064	1193	2000	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{193}{1000}$	$\frac{807}{2000}$	$\Phi_{2000}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
71065	1193	1920	$\frac{7}{240}$	$\frac{1}{8}$	$\frac{233}{960}$	$\frac{727}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{240}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
71066	1193	1788	$\frac{1}{149}$	$\frac{148}{447}$	$\frac{595}{1788}$	$\frac{299}{894}$	$\Phi_{1788}\ \Phi_{596}\ \Phi_{447}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
71067	1193	1380	$\frac{3}{92}$	$\frac{187}{1380}$	$\frac{1}{4}$	$\frac{89}{276}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}\ \Phi_{60}\ \Phi_{46}\ \Phi_{30}\ \Phi_{23}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
71068	1193	1440	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{247}{1440}$	$\frac{113}{360}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
71069	1193	1728	$\frac{41}{576}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{535}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
71070	1193	1716	$\frac{3}{52}$	$\frac{49}{572}$	$\frac{1}{4}$	$\frac{523}{1716}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{429}\ \Phi_{156}\ \Phi_{132}\ \Phi_{78}\ \Phi_{66}\ \Phi_{52}\ \Phi_{39}\ \Phi_{33}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
71071	1193	1344	$\frac{17}{168}$	$\frac{151}{1344}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{112}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
71072	1193	1680	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{560}$	$\frac{487}{1680}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
71073	1193	1296	$\frac{103}{1296}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{144}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
71074	1193	1656	$\frac{3}{92}$	$\frac{89}{552}$	$\frac{1}{4}$	$\frac{463}{1656}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{414}\ \Phi_{207}\ \Phi_{92}\ \Phi_{72}\ \Phi_{46}\ \Phi_{36}\ \Phi_{23}\ \Phi_{18}\ \Phi_9\ \Phi_1$
71075	1193	1472	$\frac{3}{92}$	$\frac{279}{1472}$	$\frac{89}{368}$	$\frac{1}{4}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{92}\ \Phi_{64}\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
71076	1193	1536	$\frac{41}{384}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{343}{1536}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
71077	1193	1344	$\frac{151}{1344}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{192}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
71078	1193	1440	$\frac{1}{8}$	$\frac{41}{288}$	$\frac{7}{48}$	$\frac{247}{1440}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
71079	1194	1980	$\frac{1}{198}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{197}{396}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}^2\ \Phi_{220}\ \Phi_{180}\ \Phi_{132}^2\ \Phi_{60}\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
71080	1194	396	$\frac{1}{198}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{197}{396}$	$\Phi_{396}^2\ \Phi_{198}^4\ \Phi_{132}^2\ \Phi_{99}^4\ \Phi_{66}^4\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_{11}^4\ \Phi_9^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
71081	1194	532	$\frac{1}{133}$	$\frac{1}{4}$	$\frac{67}{266}$	$\frac{66}{133}$	$\Phi_{532}^3\ \Phi_{266}\ \Phi_{133}^2\ \Phi_{76}^3\ \Phi_{38}\ \Phi_{28}^3\ \Phi_{19}^2\ \Phi_{14}\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
71082	1194	392	$\frac{3}{196}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{193}{392}$	$\Phi_{392}^6\ \Phi_{56}^6\ \Phi_{28}\ \Phi_{14}\ \Phi_8^6$
71083	1194	228	$\frac{1}{57}$	$\frac{29}{228}$	$\frac{1}{4}$	$\frac{28}{57}$	$\Phi_{228}^5\ \Phi_{114}^5\ \Phi_{76}^5\ \Phi_{57}^6\ \Phi_{38}^5\ \Phi_{19}^6\ \Phi_{12}^5\ \Phi_6^5\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
71084	1194	390	$\frac{4}{195}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{191}{390}$	$\Phi_{390}^6\ \Phi_{130}^6\ \Phi_{78}^6\ \Phi_{39}\ \Phi_{30}^6\ \Phi_{26}^6\ \Phi_{10}^6\ \Phi_6^6\ \Phi_2^6$
71085	1194	2730	$\frac{4}{195}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{191}{390}$	$\Phi_{2730}\ \Phi_{910}\ \Phi_{546}\ \Phi_{210}\ \Phi_{182}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{14}$
71086	1194	1932	$\frac{1}{46}$	$\frac{47}{644}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{483}\ \Phi_{138}\ \Phi_{84}\ \Phi_{69}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
71087	1194	1680	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{41}{240}$	$\frac{39}{80}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
71088	1194	2688	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{185}{384}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
71089	1194	3450	$\frac{22}{575}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{553}{1150}$	$\Phi_{3450}\ \Phi_{690}\ \Phi_{150}\ \Phi_{138}\ \Phi_{69}\ \Phi_{30}\ \Phi_6$
71090	1194	624	$\frac{1}{26}$	$\frac{9}{208}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{156}^2\ \Phi_{78}^3\ \Phi_{48}^3\ \Phi_{39}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
71091	1194	3432	$\frac{1}{26}$	$\frac{25}{572}$	$\frac{1}{3}$	$\frac{547}{1144}$	$\Phi_{3432}\ \Phi_{312}\ \Phi_{264}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_6$
71092	1194	380	$\frac{9}{190}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{181}{380}$	$\Phi_{380}^2\ \Phi_{190}^4\ \Phi_{95}^4\ \Phi_{76}^3\ \Phi_{38}^5\ \Phi_{20}^2\ \Phi_{19}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
71093	1194	2660	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{181}{380}$	$\Phi_{2660}\ \Phi_{532}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
71094	1194	420	$\frac{1}{21}$	$\frac{11}{210}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{420}^4\ \Phi_{210}^2\ \Phi_{140}^4\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}^4\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
71095	1194	836	$\frac{10}{209}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{836}^2\ \Phi_{418}^2\ \Phi_{76}\ \Phi_{44}^2\ \Phi_{38}\ \Phi_{22}^2$
71096	1194	756	$\frac{1}{21}$	$\frac{10}{189}$	$\frac{1}{4}$	$\frac{179}{378}$	$\Phi_{756}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{108}^2\ \Phi_{84}^3\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^3\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^3\ \Phi_9^2\ \Phi_7^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
71097	1194	1104	$\frac{1}{46}$	$\frac{15}{184}$	$\frac{1}{3}$	$\frac{169}{368}$	$\Phi_{1104}^3\ \Phi_{138}\ \Phi_{69}\ \Phi_{48}^3\ \Phi_6$
71098	1194	2520	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{1}{7}$	$\frac{161}{360}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
71099	1194	1456	$\frac{9}{208}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{91}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
71100	1194	350	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{1}{7}$	$\frac{151}{350}$	$\Phi_{350}^6\ \Phi_{175}\ \Phi_{70}^6\ \Phi_{50}^6\ \Phi_{35}\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_2^6$
71101	1194	812	$\frac{4}{203}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{812}^2\ \Phi_{406}^2\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{28}\ \Phi_{14}$
71102	1194	684	$\frac{1}{57}$	$\frac{28}{171}$	$\frac{1}{4}$	$\frac{143}{342}$	$\Phi_{684}^2\ \Phi_{228}^3\ \Phi_{171}^2\ \Phi_{114}\ \Phi_{76}^3\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{36}^2\ \Phi_{19}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
71103	1194	1005	$\frac{2}{201}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1005}\ \Phi_{335}\ \Phi_{201}^2\ \Phi_{67}^2\ \Phi_5\ \Phi_1^2$
71104	1194	1485	$\frac{1}{99}$	$\frac{1}{5}$	$\frac{98}{297}$	$\frac{2}{5}$	$\Phi_{1485}\ \Phi_{297}^2\ \Phi_{135}\ \Phi_{27}^2\ \Phi_5\ \Phi_1^2$
71105	1194	1320	$\frac{1}{66}$	$\frac{1}{5}$	$\frac{65}{264}$	$\frac{2}{5}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{264}^2\ \Phi_{220}\ \Phi_{132}^2\ \Phi_{120}\ \Phi_{88}^2\ \Phi_{60}\ \Phi_{44}^2\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
71106	1194	1020	$\frac{5}{204}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}^2\ \Phi_{170}\ \Phi_{102}^2\ \Phi_{85}\ \Phi_{68}^2\ \Phi_{60}\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{20}\ \Phi_{17}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
71107	1194	1155	$\frac{1}{33}$	$\frac{32}{231}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}^2\ \Phi_{105}\ \Phi_{77}^2\ \Phi_{35}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
71108	1194	1035	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}^2\ \Phi_{115}\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_5\ \Phi_1^2$
71109	1194	220	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{220}^6\ \Phi_{110}^5\ \Phi_{55}^5\ \Phi_{44}^6\ \Phi_{22}^4\ \Phi_{20}^6\ \Phi_{11}^4\ \Phi_{10}^5\ \Phi_5^6\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
71110	1194	1045	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1045}\ \Phi_{209}^2\ \Phi_{95}\ \Phi_{19}^2\ \Phi_5\ \Phi_1^2$
71111	1194	1080	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}^2\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
71112	1194	2240	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{39}{160}$	$\frac{121}{320}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
71113	1194	2100	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{49}{150}$	$\frac{101}{300}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{350}\ \Phi_{175}\ \Phi_{140}\ \Phi_{84}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
71114	1194	804	$\frac{2}{201}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{804}^2\ \Phi_{402}^2\ \Phi_{268}^2\ \Phi_{134}^2\ \Phi_{12}\ \Phi_6$
71115	1194	1188	$\frac{1}{99}$	$\frac{1}{4}$	$\frac{98}{297}$	$\frac{1}{3}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{12}\ \Phi_6$
71116	1194	690	$\frac{1}{46}$	$\frac{31}{230}$	$\frac{15}{46}$	$\frac{1}{3}$	$\Phi_{690}^3\ \Phi_{345}^3\ \Phi_{138}\ \Phi_{69}\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_6$
71117	1194	624	$\frac{9}{208}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{48}^3\ \Phi_{39}\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3$
71118	1194	207	$\frac{8}{207}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{207}^6\ \Phi_{69}^5\ \Phi_{23}^6\ \Phi_9^6\ \Phi_3^4\ \Phi_1^6$
71119	1194	858	$\frac{1}{26}$	$\frac{25}{286}$	$\frac{87}{286}$	$\frac{1}{3}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{78}^3\ \Phi_{66}^2\ \Phi_{39}^3\ \Phi_{33}^2\ \Phi_6^3\ \Phi_3^2$
71120	1194	276	$\frac{1}{46}$	$\frac{15}{92}$	$\frac{77}{276}$	$\frac{1}{3}$	$\Phi_{276}^3\ \Phi_{138}^4\ \Phi_{92}^6\ \Phi_{69}^4\ \Phi_{46}^6\ \Phi_{23}^6\ \Phi_{12}^3\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
71121	1194	264	$\frac{1}{66}$	$\frac{65}{264}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{264}^6\ \Phi_{132}^2\ \Phi_{88}^6\ \Phi_{66}^4\ \Phi_{44}^2\ \Phi_{33}^4\ \Phi_{24}^6\ \Phi_{22}^4\ \Phi_{12}^3\ \Phi_{11}^4\ \Phi_8^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
71122	1194	1620	$\frac{7}{405}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
71123	1194	1980	$\frac{2}{99}$	$\frac{97}{495}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{110}\ \Phi_{90}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
71124	1194	204	$\frac{5}{204}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^6\ \Phi_{102}^6\ \Phi_{68}^6\ \Phi_{51}^6\ \Phi_{34}^6\ \Phi_{17}^6\ \Phi_{12}^3\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
71125	1194	924	$\frac{1}{33}$	$\frac{32}{231}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_6$
71126	1194	828	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{12}\ \Phi_6$
71127	1194	660	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{165}^3\ \Phi_{132}\ \Phi_{66}^2\ \Phi_{60}^3\ \Phi_{33}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
71128	1194	2508	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{228}\ \Phi_{114}\ \Phi_{12}\ \Phi_6$
71129	1194	216	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{216}^6\ \Phi_{108}^6\ \Phi_{72}^6\ \Phi_{54}^6\ \Phi_{36}^2\ \Phi_{27}^6\ \Phi_{24}^6\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_9^4\ \Phi_8^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
71130	1194	1716	$\frac{2}{33}$	$\frac{31}{429}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{286}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}\ \Phi_{12}\ \Phi_6$
71131	1194	2208	$\frac{1}{46}$	$\frac{139}{736}$	$\frac{45}{184}$	$\frac{1}{3}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{138}\ \Phi_{96}\ \Phi_{69}\ \Phi_{48}\ \Phi_6$
71132	1194	780	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{61}{260}$	$\frac{1}{3}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{60}^3\ \Phi_{39}\ \Phi_{30}^3\ \Phi_{12}^3\ \Phi_6^3$
71133	1194	690	$\frac{1}{23}$	$\frac{31}{230}$	$\frac{22}{115}$	$\frac{1}{3}$	$\Phi_{690}^3\ \Phi_{345}^2\ \Phi_{138}^3\ \Phi_{69}^3\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_6^3\ \Phi_3^2$
71134	1194	1950	$\frac{1}{13}$	$\frac{53}{650}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{390}\ \Phi_{150}\ \Phi_{78}\ \Phi_{75}\ \Phi_{39}\ \Phi_{30}\ \Phi_6$
71135	1194	234	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{35}{234}$	$\frac{1}{3}$	$\Phi_{234}^6\ \Phi_{117}^6\ \Phi_{78}^6\ \Phi_{39}\ \Phi_{26}^6\ \Phi_{18}^6\ \Phi_9^6\ \Phi_6^6\ \Phi_2^6$
71136	1194	2052	$\frac{1}{57}$	$\frac{115}{513}$	$\frac{1}{4}$	$\frac{56}{171}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{228}\ \Phi_{114}\ \Phi_{108}\ \Phi_{76}\ \Phi_{54}\ \Phi_{38}\ \Phi_{12}\ \Phi_6$
71137	1194	588	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{95}{294}$	$\Phi_{588}^4\ \Phi_{294}^2\ \Phi_{147}^2\ \Phi_{84}^4\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
71138	1194	1764	$\frac{1}{21}$	$\frac{43}{441}$	$\frac{1}{4}$	$\frac{20}{63}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{294}\ \Phi_{196}\ \Phi_{98}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
71139	1194	1680	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{41}{240}$	$\frac{19}{60}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
71140	1194	2016	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{89}{288}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{63}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
71141	1194	1140	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{1}{4}$	$\frac{86}{285}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}\ \Phi_{60}^2\ \Phi_{38}\ \Phi_{30}^2\ \Phi_{12}^2\ \Phi_6^2$
71142	1194	2268	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{1}{4}$	$\frac{169}{567}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{324}\ \Phi_{162}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
71143	1194	1512	$\frac{17}{216}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
71144	1194	210	$\frac{11}{210}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{210}^6\ \Phi_{105}^5\ \Phi_{70}^6\ \Phi_{42}^6\ \Phi_{35}^6\ \Phi_{30}^6\ \Phi_{21}^5\ \Phi_{15}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7^5\ \Phi_6^6\ \Phi_5^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
71145	1194	228	$\frac{1}{19}$	$\frac{29}{228}$	$\frac{9}{38}$	$\frac{1}{4}$	$\Phi_{228}^6\ \Phi_{114}^6\ \Phi_{76}^3\ \Phi_{57}^6\ \Phi_{38}^5\ \Phi_{19}^4\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
71146	1194	420	$\frac{11}{210}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{420}^4\ \Phi_{210}^2\ \Phi_{140}^4\ \Phi_{105}^2\ \Phi_{84}^4\ \Phi_{70}^2\ \Phi_{60}^4\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2$
71147	1194	252	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{53}{252}$	$\frac{1}{4}$	$\Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^5\ \Phi_{63}^6\ \Phi_{42}^5\ \Phi_{36}^4\ \Phi_{28}^5\ \Phi_{21}^6\ \Phi_{18}^4\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_9^6\ \Phi_7^6\ \Phi_6^5\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
71148	1194	1900	$\frac{1}{19}$	$\frac{77}{475}$	$\frac{18}{95}$	$\frac{1}{4}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{100}\ \Phi_{76}\ \Phi_{50}\ \Phi_{38}$
71149	1194	980	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{46}{245}$	$\frac{1}{4}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}^2$
71150	1194	1764	$\frac{43}{441}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{294}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
71151	1194	224	$\frac{3}{28}$	$\frac{25}{224}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{224}^6\ \Phi_{112}^6\ \Phi_{56}^6\ \Phi_{32}^6\ \Phi_{28}\ \Phi_{16}^6\ \Phi_{14}\ \Phi_8^6$
71152	1194	1820	$\frac{4}{65}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{61}{260}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{364}\ \Phi_{182}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
71153	1194	1792	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{57}{256}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
71154	1194	224	$\frac{25}{224}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{32}$	$\Phi_{224}^5\ \Phi_{112}^5\ \Phi_{56}^6\ \Phi_{32}^6\ \Phi_{28}^6\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
71155	1194	1680	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{48}$	$\frac{41}{240}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
71156	1195	952	$\frac{1}{238}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{237}{476}$	$\Phi_{952}^2\ \Phi_{476}\ \Phi_{136}^2\ \Phi_{68}\ \Phi_{56}^2\ \Phi_{28}\ \Phi_8^3\ \Phi_4\ \Phi_1$
71157	1195	1596	$\frac{2}{399}$	$\frac{401}{1596}$	$\frac{1}{3}$	$\frac{397}{798}$	$\Phi_{1596}\ \Phi_{532}\ \Phi_{399}\ \Phi_{228}\ \Phi_{133}\ \Phi_{84}\ \Phi_{76}\ \Phi_{57}\ \Phi_{28}\ \Phi_{21}\ \Phi_{19}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
71158	1195	2376	$\frac{7}{1188}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1181}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{88}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
71159	1195	2376	$\frac{7}{1188}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1181}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{88}\ \Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
71160	1195	474	$\frac{2}{237}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{235}{474}$	$\Phi_{474}^2\ \Phi_{237}^3\ \Phi_{158}^2\ \Phi_{79}^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
71161	1195	1368	$\frac{2}{171}$	$\frac{173}{1368}$	$\frac{1}{3}$	$\frac{169}{342}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{228}\ \Phi_{171}\ \Phi_{152}\ \Phi_{76}\ \Phi_{72}\ \Phi_{57}\ \Phi_{36}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
71162	1195	960	$\frac{1}{80}$	$\frac{1}{6}$	$\frac{81}{320}$	$\frac{79}{160}$	$\Phi_{960}^2\ \Phi_{320}\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{120}^2\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
71163	1195	1416	$\frac{3}{236}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{233}{472}$	$\Phi_{1416}^2\ \Phi_{472}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
71164	1195	2352	$\frac{19}{1176}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1157}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{112}\ \Phi_{48}\ \Phi_{21}\ \Phi_{16}\ \Phi_7\ \Phi_1$
71165	1195	2352	$\frac{19}{1176}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1157}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{112}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
71166	1195	1410	$\frac{4}{235}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{231}{470}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{282}\ \Phi_{235}\ \Phi_{141}\ \Phi_{47}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
71167	1195	288	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{49}{288}$	$\frac{47}{96}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
71168	1195	468	$\frac{5}{234}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{229}{468}$	$\Phi_{468}^5\ \Phi_{156}^5\ \Phi_{52}^5\ \Phi_{36}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
71169	1195	1392	$\frac{7}{232}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{225}{464}$	$\Phi_{1392}^2\ \Phi_{464}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
71170	1195	252	$\frac{2}{63}$	$\frac{13}{252}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{252}^5\ \Phi_{126}^4\ \Phi_{84}^5\ \Phi_{63}^5\ \Phi_{42}^4\ \Phi_{36}^5\ \Phi_{28}^5\ \Phi_{21}^5\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_9^5\ \Phi_7^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
71171	1195	1254	$\frac{2}{57}$	$\frac{59}{1254}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}\ \Phi_{209}\ \Phi_{66}\ \Phi_{57}\ \Phi_{33}\ \Phi_{22}\ \Phi_{19}\ \Phi_{11}\ \Phi_1$
71172	1195	2304	$\frac{43}{1152}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1109}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
71173	1195	1380	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{221}{460}$	$\Phi_{1380}^2\ \Phi_{460}\ \Phi_{276}^2\ \Phi_{92}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
71174	1195	456	$\frac{2}{57}$	$\frac{11}{228}$	$\frac{1}{3}$	$\frac{217}{456}$	$\Phi_{456}^5\ \Phi_{152}^5\ \Phi_{57}\ \Phi_{24}^5\ \Phi_{19}\ \Phi_8^5\ \Phi_1$
71175	1195	456	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{217}{456}$	$\Phi_{456}^5\ \Phi_{152}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
71176	1195	2268	$\frac{2}{63}$	$\frac{61}{1134}$	$\frac{1}{3}$	$\frac{1073}{2268}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{324}\ \Phi_{252}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
71177	1195	450	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{211}{450}$	$\Phi_{450}^2\ \Phi_{225}^3\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}^3\ \Phi_{50}^2\ \Phi_{45}^3\ \Phi_{30}^5\ \Phi_{25}^3\ \Phi_{18}^2\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_9^3\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
71178	1195	768	$\frac{1}{16}$	$\frac{17}{256}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}\ \Phi_{192}^2\ \Phi_{128}\ \Phi_{64}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
71179	1195	1344	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{1}{6}$	$\frac{209}{448}$	$\Phi_{1344}^2\,\Phi_{448}\,\Phi_{192}^2\,\Phi_{64}\,\Phi_{48}^2\,\Phi_{24}^2\,\Phi_{16}\,\Phi_{12}^2\,\Phi_8\,\Phi_6\,\Phi_4\,\Phi_3\,\Phi_1$
71180	1195	1320	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{1}{6}$	$\frac{201}{440}$	$\Phi_{1320}^2\,\Phi_{440}\,\Phi_{264}^2\,\Phi_{120}^2\,\Phi_{88}\,\Phi_{60}^2\,\Phi_{40}\,\Phi_{30}^2\,\Phi_{24}^2\,\Phi_{20}\,\Phi_{15}^2\,\Phi_{12}^2\,\Phi_{10}\,\Phi_8\,\Phi_6\,\Phi_5\,\Phi_4\,\Phi_3\,\Phi_1$
71181	1195	1218	$\frac{23}{1218}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1218}\,\Phi_{609}\,\Phi_{406}\,\Phi_{203}\,\Phi_{174}\,\Phi_{87}\,\Phi_{58}\,\Phi_{29}\,\Phi_{21}\,\Phi_7\,\Phi_1$
71182	1195	1248	$\frac{53}{1248}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{1248}\,\Phi_{624}\,\Phi_{416}\,\Phi_{312}\,\Phi_{208}\,\Phi_{156}\,\Phi_{104}\,\Phi_{78}\,\Phi_{52}\,\Phi_{48}\,\Phi_{39}\,\Phi_{26}\,\Phi_{24}\,\Phi_{16}\,\Phi_{13}\,\Phi_{12}\,\Phi_8\,\Phi_4\,\Phi_1$
71183	1195	432	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{1}{6}$	$\frac{193}{432}$	$\Phi_{432}^5\,\Phi_{144}^5\,\Phi_{48}^5\,\Phi_{24}^5\,\Phi_{16}^5\,\Phi_{12}^5\,\Phi_8^5\,\Phi_6^4\,\Phi_4^5\,\Phi_3^4\,\Phi_2^4\,\Phi_1^5$
71184	1195	420	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{1}{6}$	$\frac{181}{420}$	$\Phi_{420}^5\,\Phi_{140}^5\,\Phi_{84}^5\,\Phi_{60}^5\,\Phi_{30}^5\,\Phi_{28}^5\,\Phi_{20}^5\,\Phi_{15}^5\,\Phi_{12}^5\,\Phi_{10}^5\,\Phi_6^4\,\Phi_5^5\,\Phi_4^5\,\Phi_3^4\,\Phi_2^4\,\Phi_1^5$
71185	1195	2052	$\frac{2}{171}$	$\frac{169}{1026}$	$\frac{1}{3}$	$\frac{857}{2052}$	$\Phi_{2052}\,\Phi_{684}\,\Phi_{228}\,\Phi_{171}\,\Phi_{108}\,\Phi_{76}\,\Phi_{57}\,\Phi_{36}\,\Phi_{19}\,\Phi_{12}\,\Phi_9\,\Phi_4\,\Phi_1$
71186	1195	1584	$\frac{7}{396}$	$\frac{1}{6}$	$\frac{389}{1584}$	$\frac{5}{12}$	$\Phi_{1584}\,\Phi_{792}\,\Phi_{528}\,\Phi_{264}\,\Phi_{176}\,\Phi_{144}\,\Phi_{88}\,\Phi_{72}\,\Phi_{48}\,\Phi_{24}\,\Phi_{16}\,\Phi_{12}\,\Phi_8\,\Phi_4\,\Phi_1$
71187	1195	1224	$\frac{29}{1224}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1224}\,\Phi_{612}\,\Phi_{408}\,\Phi_{306}\,\Phi_{204}\,\Phi_{153}\,\Phi_{136}\,\Phi_{102}\,\Phi_{72}\,\Phi_{68}\,\Phi_{51}\,\Phi_{34}\,\Phi_{24}\,\Phi_{17}\,\Phi_{12}\,\Phi_8\,\Phi_4\,\Phi_1$
71188	1195	264	$\frac{7}{132}$	$\frac{25}{264}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{264}^5\,\Phi_{132}^4\,\Phi_{88}^5\,\Phi_{66}^4\,\Phi_{44}^4\,\Phi_{33}^4\,\Phi_{24}^5\,\Phi_{22}^4\,\Phi_{12}^5\,\Phi_{11}^4\,\Phi_8^5\,\Phi_6^4\,\Phi_4^5\,\Phi_3^4\,\Phi_2^4\,\Phi_1^5$
71189	1195	1296	$\frac{7}{108}$	$\frac{101}{1296}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1296}\,\Phi_{648}\,\Phi_{432}\,\Phi_{324}\,\Phi_{216}\,\Phi_{162}\,\Phi_{144}\,\Phi_{81}\,\Phi_{72}\,\Phi_{48}\,\Phi_{24}\,\Phi_{16}\,\Phi_{12}\,\Phi_8\,\Phi_4\,\Phi_1$
71190	1195	1200	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{39}{200}$	$\frac{161}{400}$	$\Phi_{1200}^2\,\Phi_{400}\,\Phi_{240}^2\,\Phi_{120}^2\,\Phi_{80}\,\Phi_{60}^2\,\Phi_{48}^2\,\Phi_{40}\,\Phi_{30}^2\,\Phi_{24}^2\,\Phi_{20}\,\Phi_{16}\,\Phi_{15}^2\,\Phi_{12}^2\,\Phi_{10}\,\Phi_8\,\Phi_6\,\Phi_5\,\Phi_4\,\Phi_3\,\Phi_1$
71191	1195	1206	$\frac{11}{1206}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1206}\,\Phi_{603}\,\Phi_{402}\,\Phi_{201}\,\Phi_{134}\,\Phi_{67}\,\Phi_9\,\Phi_1$
71192	1195	384	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{47}{192}$	$\frac{145}{384}$	$\Phi_{384}^5\,\Phi_{128}^5\,\Phi_{48}^5\,\Phi_{24}^5\,\Phi_{16}^5\,\Phi_{12}^5\,\Phi_8^5\,\Phi_6^4\,\Phi_4^5\,\Phi_3^4\,\Phi_2^4\,\Phi_1^5$
71193	1195	2856	$\frac{1}{119}$	$\frac{1}{4}$	$\frac{118}{357}$	$\frac{3}{8}$	$\Phi_{2856}\,\Phi_{408}\,\Phi_{357}\,\Phi_{168}\,\Phi_{51}\,\Phi_{24}\,\Phi_{21}\,\Phi_8\,\Phi_3\,\Phi_1$
71194	1195	1960	$\frac{6}{245}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1960}\,\Phi_{392}\,\Phi_{280}\,\Phi_{245}\,\Phi_{49}\,\Phi_{40}\,\Phi_{35}\,\Phi_8\,\Phi_5\,\Phi_1$
71195	1195	272	$\frac{1}{34}$	$\frac{33}{272}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{272}^5\,\Phi_{136}^3\,\Phi_{68}^5\,\Phi_{34}^4\,\Phi_{17}^4\,\Phi_{16}^5\,\Phi_8^4\,\Phi_4^5\,\Phi_2^4\,\Phi_1^5$
71196	1195	504	$\frac{13}{252}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^4\,\Phi_{252}\,\Phi_{168}^4\,\Phi_{126}\,\Phi_{84}\,\Phi_{72}^4\,\Phi_{63}\,\Phi_{56}^2\,\Phi_{42}\,\Phi_{36}\,\Phi_{28}\,\Phi_{24}^4\,\Phi_{21}\,\Phi_{18}\,\Phi_{12}\,\Phi_9\,\Phi_8^3\,\Phi_6\,\Phi_4\,\Phi_3\,\Phi_1$
71197	1195	2040	$\frac{1}{17}$	$\frac{16}{255}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2040}\,\Phi_{680}\,\Phi_{408}\,\Phi_{255}\,\Phi_{120}\,\Phi_{85}\,\Phi_{51}\,\Phi_{40}\,\Phi_{24}\,\Phi_{15}\,\Phi_8\,\Phi_5\,\Phi_3\,\Phi_1$
71198	1195	360	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{59}{180}$	$\frac{121}{360}$	$\Phi_{360}^5\,\Phi_{120}^5\,\Phi_{72}^5\,\Phi_{60}^5\,\Phi_{40}^5\,\Phi_{30}^5\,\Phi_{24}^5\,\Phi_{20}^5\,\Phi_{15}^5\,\Phi_{12}^5\,\Phi_{10}^5\,\Phi_8^5\,\Phi_6^4\,\Phi_5^5\,\Phi_4^5\,\Phi_3^4\,\Phi_2^4\,\Phi_1^5$
71199	1195	1539	$\frac{2}{171}$	$\frac{344}{1539}$	$\frac{169}{513}$	$\frac{1}{3}$	$\Phi_{1539}\,\Phi_{171}\,\Phi_{81}\,\Phi_{57}\,\Phi_{19}\,\Phi_9\,\Phi_1$
71200	1195	1782	$\frac{7}{594}$	$\frac{2}{9}$	$\frac{587}{1782}$	$\frac{1}{3}$	$\Phi_{1782}\,\Phi_{891}\,\Phi_{162}\,\Phi_{81}\,\Phi_9\,\Phi_1$
71201	1195	1323	$\frac{2}{63}$	$\frac{128}{1323}$	$\frac{61}{189}$	$\frac{1}{3}$	$\Phi_{1323}\,\Phi_{441}\,\Phi_{147}\,\Phi_{63}\,\Phi_{49}\,\Phi_{21}\,\Phi_9\,\Phi_7\,\Phi_1$
71202	1195	1764	$\frac{19}{588}$	$\frac{2}{21}$	$\frac{569}{1764}$	$\frac{1}{3}$	$\Phi_{1764}\,\Phi_{882}\,\Phi_{441}\,\Phi_{252}\,\Phi_{126}\,\Phi_{63}\,\Phi_{36}\,\Phi_{21}\,\Phi_{18}\,\Phi_9\,\Phi_7\,\Phi_1$
71203	1195	342	$\frac{2}{57}$	$\frac{11}{114}$	$\frac{103}{342}$	$\frac{1}{3}$	$\Phi_{342}^5\,\Phi_{171}^5\,\Phi_{57}\,\Phi_{19}\,\Phi_{18}^5\,\Phi_9^5\,\Phi_1$
71204	1195	1701	$\frac{2}{63}$	$\frac{61}{567}$	$\frac{506}{1701}$	$\frac{1}{3}$	$\Phi_{1701}\,\Phi_{243}\,\Phi_{63}\,\Phi_{21}\,\Phi_9\,\Phi_7\,\Phi_1$
71205	1195	243	$\frac{4}{243}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{243}^5\,\Phi_{81}^5\,\Phi_{27}^4\,\Phi_9^5\,\Phi_3^4\,\Phi_1^5$
71206	1195	1584	$\frac{7}{396}$	$\frac{2}{9}$	$\frac{389}{1584}$	$\frac{1}{3}$	$\Phi_{1584}\,\Phi_{792}\,\Phi_{528}\,\Phi_{264}\,\Phi_{176}\,\Phi_{144}\,\Phi_{88}\,\Phi_{72}\,\Phi_{48}\,\Phi_{24}\,\Phi_{16}\,\Phi_9\,\Phi_8\,\Phi_1$
71207	1195	1368	$\frac{2}{57}$	$\frac{173}{1368}$	$\frac{55}{228}$	$\frac{1}{3}$	$\Phi_{1368}\,\Phi_{684}\,\Phi_{456}\,\Phi_{342}\,\Phi_{171}\,\Phi_{152}\,\Phi_{72}\,\Phi_{57}\,\Phi_{36}\,\Phi_{24}\,\Phi_{19}\,\Phi_{18}\,\Phi_9\,\Phi_8\,\Phi_1$
71208	1195	252	$\frac{13}{252}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{252}^5\,\Phi_{126}^5\,\Phi_{84}^4\,\Phi_{63}^5\,\Phi_{42}^4\,\Phi_{36}^5\,\Phi_{28}^4\,\Phi_{21}^5\,\Phi_{18}^5\,\Phi_{14}^4\,\Phi_{12}^4\,\Phi_9^5\,\Phi_7^5\,\Phi_6^4\,\Phi_4^4\,\Phi_3^4\,\Phi_2^4\,\Phi_1^5$
71209	1195	297	$\frac{7}{297}$	$\frac{58}{297}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{297}^4\,\Phi_{99}^4\,\Phi_{33}^4\,\Phi_{27}^4\,\Phi_{11}^4\,\Phi_9^5\,\Phi_3^4\,\Phi_1^5$
71210	1195	1224	$\frac{29}{1224}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1224}\,\Phi_{612}\,\Phi_{408}\,\Phi_{306}\,\Phi_{204}\,\Phi_{153}\,\Phi_{136}\,\Phi_{102}\,\Phi_{72}\,\Phi_{68}\,\Phi_{51}\,\Phi_{34}\,\Phi_{24}\,\Phi_{17}\,\Phi_9\,\Phi_8\,\Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
71211	1195	1386	$\frac{7}{198}$	$\frac{191}{1386}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{126}\ \Phi_{77}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
71212	1195	1242	$\frac{47}{1242}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1242}\ \Phi_{621}\ \Phi_{414}\ \Phi_{207}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_9\ \Phi_1$
71213	1195	1296	$\frac{7}{108}$	$\frac{101}{1296}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
71214	1195	1287	$\frac{7}{99}$	$\frac{92}{1287}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}\ \Phi_{39}\ \Phi_{13}\ \Phi_9\ \Phi_1$
71215	1195	1512	$\frac{2}{63}$	$\frac{61}{378}$	$\frac{317}{1512}$	$\frac{1}{3}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
71216	1195	285	$\frac{2}{57}$	$\frac{46}{285}$	$\frac{11}{57}$	$\frac{1}{3}$	$\Phi_{285}^5\ \Phi_{95}^5\ \Phi_{57}\ \Phi_{19}\ \Phi_{15}^5\ \Phi_5^5\ \Phi_1$
71217	1195	294	$\frac{19}{294}$	$\frac{2}{21}$	$\frac{55}{294}$	$\frac{1}{3}$	$\Phi_{294}^4\ \Phi_{147}^4\ \Phi_{98}^4\ \Phi_{49}^4\ \Phi_{42}^4\ \Phi_{21}^5\ \Phi_{14}^4\ \Phi_7^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
71218	1195	1323	$\frac{2}{21}$	$\frac{128}{1323}$	$\frac{19}{147}$	$\frac{1}{3}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{189}\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$
71219	1195	1344	$\frac{2}{21}$	$\frac{149}{1344}$	$\frac{19}{168}$	$\frac{1}{3}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{112}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{21}\ \Phi_{16}\ \Phi_7\ \Phi_1$
71220	1195	288	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{49}{288}$	$\frac{23}{72}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^5\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
71221	1195	270	$\frac{1}{15}$	$\frac{31}{270}$	$\frac{1}{6}$	$\frac{14}{45}$	$\Phi_{270}^5\ \Phi_{135}^5\ \Phi_{90}^2\ \Phi_{54}^5\ \Phi_{45}^3\ \Phi_{30}^5\ \Phi_{27}^5\ \Phi_{18}^2\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_9^3\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
71222	1195	1728	$\frac{43}{576}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{533}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
71223	1195	1296	$\frac{101}{1296}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{144}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
71224	1195	336	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1}{6}$	$\frac{97}{336}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^4\ \Phi_{84}^3\ \Phi_{56}^4\ \Phi_{48}^5\ \Phi_{42}^3\ \Phi_{28}^4\ \Phi_{24}^5\ \Phi_{21}^3\ \Phi_{16}^5\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_8^5\ \Phi_7^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
71225	1195	252	$\frac{13}{252}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{252}^5\ \Phi_{126}^5\ \Phi_{84}^5\ \Phi_{63}^5\ \Phi_{42}^5\ \Phi_{36}^5\ \Phi_{28}^5\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_7^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
71226	1195	312	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{73}{312}$	$\Phi_{312}^5\ \Phi_{156}^5\ \Phi_{104}^5\ \Phi_{52}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
71227	1195	1344	$\frac{5}{48}$	$\frac{149}{1344}$	$\frac{1}{6}$	$\frac{43}{192}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
71228	1195	1536	$\frac{5}{48}$	$\frac{43}{384}$	$\frac{1}{6}$	$\frac{341}{1536}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
71229	1195	1344	$\frac{149}{1344}$	$\frac{19}{168}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{112}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
71230	1195	300	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{14}{75}$	$\frac{61}{300}$	$\Phi_{300}^5\ \Phi_{150}^2\ \Phi_{100}^5\ \Phi_{75}^3\ \Phi_{60}^5\ \Phi_{50}^2\ \Phi_{30}^5\ \Phi_{25}^3\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
71231	1195	288	$\frac{5}{48}$	$\frac{43}{288}$	$\frac{1}{6}$	$\frac{49}{288}$	$\Phi_{288}^4\ \Phi_{144}^4\ \Phi_{96}^4\ \Phi_{72}^4\ \Phi_{48}^5\ \Phi_{36}^4\ \Phi_{32}^4\ \Phi_{24}^5\ \Phi_{18}^4\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
71232	1196	1788	$\frac{1}{298}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{297}{596}$	$\Phi_{1788}\ \Phi_{596}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
71233	1196	478	$\frac{1}{239}$	$\frac{60}{239}$	$\frac{179}{478}$	$\frac{119}{239}$	$\Phi_{478}^4\ \Phi_{239}\ \Phi_2^4\ \Phi_1^2$
71234	1196	595	$\frac{3}{595}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{296}{595}$	$\Phi_{595}^2\ \Phi_{119}^2\ \Phi_{85}^2\ \Phi_{35}^2\ \Phi_{17}^2\ \Phi_7^2\ \Phi_5^3\ \Phi_1^4$
71235	1196	2970	$\frac{2}{297}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{295}{594}$	$\Phi_{2970}\ \Phi_{990}\ \Phi_{330}\ \Phi_{270}\ \Phi_{110}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
71236	1196	1185	$\frac{11}{1185}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{587}{1185}$	$\Phi_{1185}\ \Phi_{395}\ \Phi_{237}\ \Phi_{79}\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
71237	1196	400	$\frac{1}{100}$	$\frac{1}{5}$	$\frac{101}{400}$	$\frac{99}{200}$	$\Phi_{400}^4\ \Phi_{100}^4\ \Phi_{80}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
71238	1196	2960	$\frac{3}{296}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{293}{592}$	$\Phi_{2960}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
71239	1196	2184	$\frac{1}{91}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{45}{91}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{168}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{24}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
71240	1196	1365	$\frac{1}{91}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{45}{91}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}\ \Phi_{35}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
71241	1196	1638	$\frac{1}{91}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{45}{91}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{234}\ \Phi_{126}\ \Phi_{117}\ \Phi_{91}\ \Phi_{63}\ \Phi_{18}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
71242	1196	1456	$\frac{1}{91}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{45}{91}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{208}\ \Phi_{112}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{16}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
71243	1196	590	$\frac{4}{295}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{291}{590}$	$\Phi_{590}^4\ \Phi_{118}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
71244	1196	360	$\frac{1}{60}$	$\frac{61}{360}$	$\frac{1}{5}$	$\frac{59}{120}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{90}^{4}\ \Phi_{72}^{4}\ \Phi_{60}^{4}\ \Phi_{45}^{4}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{18}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
71245	1196	2940	$\frac{5}{294}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{289}{588}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{420}\ \Phi_{140}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
71246	1196	1175	$\frac{21}{1175}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{577}{1175}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}\ \Phi_{25}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
71247	1196	2244	$\frac{1}{51}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{25}{51}$	$\Phi_{2244}\ \Phi_{748}\ \Phi_{204}\ \Phi_{132}\ \Phi_{68}\ \Phi_{51}\ \Phi_{44}^{2}\ \Phi_{17}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
71248	1196	561	$\frac{1}{51}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{25}{51}$	$\Phi_{561}^{2}\ \Phi_{187}^{2}\ \Phi_{51}^{3}\ \Phi_{33}^{3}\ \Phi_{17}^{3}\ \Phi_{11}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
71249	1196	225	$\frac{1}{45}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{22}{45}$	$\Phi_{225}^{5}\ \Phi_{75}^{5}\ \Phi_{45}^{6}\ \Phi_{25}^{6}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
71250	1196	630	$\frac{1}{45}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{210}^{2}\ \Phi_{126}^{2}\ \Phi_{105}^{2}\ \Phi_{90}^{2}\ \Phi_{70}^{2}\ \Phi_{63}^{2}\ \Phi_{42}^{3}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{21}^{3}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
71251	1196	45	$\frac{1}{45}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{22}{45}$	$\Phi_{45}^{26}\ \Phi_{15}^{28}\ \Phi_{9}^{26}\ \Phi_{5}^{27}\ \Phi_{3}^{28}\ \Phi_{1}^{28}$
71252	1196	1195	$\frac{27}{1195}$	$\frac{47}{1195}$	$\frac{574}{1195}$	$\frac{584}{1195}$	$\Phi_{1195}\ \Phi_{239}\ \Phi_{5}\ \Phi_{1}^{2}$
71253	1196	580	$\frac{9}{290}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{281}{580}$	$\Phi_{580}^{4}\ \Phi_{116}^{4}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
71254	1196	434	$\frac{1}{31}$	$\frac{1}{14}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{434}^{3}\ \Phi_{217}^{3}\ \Phi_{62}^{3}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{2}^{2}$
71255	1196	2880	$\frac{11}{288}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{277}{576}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{320}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
71256	1196	600	$\frac{1}{25}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{600}^{2}\ \Phi_{300}^{2}\ \Phi_{200}^{2}\ \Phi_{150}^{2}\ \Phi_{120}^{2}\ \Phi_{100}^{2}\ \Phi_{75}\ \Phi_{60}^{2}\ \Phi_{50}^{2}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{25}^{2}\ \Phi_{24}^{4}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{10}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
71257	1196	150	$\frac{1}{25}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{12}{25}$	$\Phi_{150}^{10}\ \Phi_{75}^{5}\ \Phi_{50}^{10}\ \Phi_{30}^{12}\ \Phi_{25}^{6}\ \Phi_{15}^{6}\ \Phi_{10}^{12}\ \Phi_{6}^{12}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{8}$
71258	1196	25	$\frac{1}{25}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{25}^{48}\ \Phi_{5}^{47}\ \Phi_{1}^{48}$
71259	1196	675	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{12}{25}$	$\Phi_{675}^{2}\ \Phi_{225}\ \Phi_{135}^{2}\ \Phi_{75}\ \Phi_{45}\ \Phi_{27}^{4}\ \Phi_{25}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
71260	1196	1195	$\frac{49}{1195}$	$\frac{68}{1195}$	$\frac{311}{1195}$	$\frac{573}{1195}$	$\Phi_{1195}\ \Phi_{239}\ \Phi_{5}\ \Phi_{1}^{2}$
71261	1196	1797	$\frac{24}{599}$	$\frac{25}{599}$	$\frac{1}{3}$	$\frac{287}{599}$	Φ_{1797}
71262	1196	1188	$\frac{1}{27}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{1188}^{2}\ \Phi_{396}^{2}\ \Phi_{132}\ \Phi_{108}^{2}\ \Phi_{44}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
71263	1196	748	$\frac{1}{22}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{21}{44}$	$\Phi_{748}^{3}\ \Phi_{68}^{3}\ \Phi_{44}^{4}\ \Phi_{17}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
71264	1196	1540	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{1540}^{2}\ \Phi_{220}\ \Phi_{140}^{2}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
71265	1196	570	$\frac{14}{285}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{271}{570}$	$\Phi_{570}^{4}\ \Phi_{190}^{4}\ \Phi_{114}^{4}\ \Phi_{38}^{4}\ \Phi_{30}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
71266	1196	320	$\frac{1}{20}$	$\frac{21}{320}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{320}^{4}\ \Phi_{160}^{4}\ \Phi_{80}^{4}\ \Phi_{64}^{4}\ \Phi_{32}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
71267	1196	1272	$\frac{1}{24}$	$\frac{3}{53}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{1272}\ \Phi_{636}\ \Phi_{424}\ \Phi_{318}\ \Phi_{212}\ \Phi_{159}\ \Phi_{106}$
71268	1196	1125	$\frac{4}{75}$	$\frac{71}{1125}$	$\frac{1}{5}$	$\frac{527}{1125}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{225}\ \Phi_{125}\ \Phi_{75}^{2}\ \Phi_{45}\ \Phi_{25}^{2}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
71269	1196	560	$\frac{1}{20}$	$\frac{19}{280}$	$\frac{1}{5}$	$\frac{261}{560}$	$\Phi_{560}^{4}\ \Phi_{112}^{4}\ \Phi_{80}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
71270	1196	1195	$\frac{38}{1195}$	$\frac{89}{1195}$	$\frac{321}{1195}$	$\frac{553}{1195}$	$\Phi_{1195}\ \Phi_{239}\ \Phi_{5}\ \Phi_{1}^{2}$
71271	1196	1797	$\frac{14}{599}$	$\frac{45}{599}$	$\frac{1}{3}$	$\frac{277}{599}$	Φ_{1797}
71272	1196	1128	$\frac{1}{47}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{1128}^{2}\ \Phi_{376}^{2}\ \Phi_{141}$
71273	1196	2184	$\frac{3}{91}$	$\frac{1}{12}$	$\frac{22}{91}$	$\frac{11}{24}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{168}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{24}^{2}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
71274	1196	120	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{120}^{12}\ \Phi_{60}^{13}\ \Phi_{40}^{12}\ \Phi_{30}^{13}\ \Phi_{20}^{13}\ \Phi_{15}^{13}\ \Phi_{10}^{13}\ \Phi_{5}^{12}$
71275	1196	1176	$\frac{3}{49}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{1176}^{2}\ \Phi_{392}^{2}\ \Phi_{168}\ \Phi_{56}\ \Phi_{49}^{2}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
71276	1196	312	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{3}{26}$	$\frac{11}{24}$	$\Phi_{312}^{7}\ \Phi_{104}^{7}\ \Phi_{26}^{4}\ \Phi_{24}^{8}\ \Phi_{13}^{3}\ \Phi_{8}^{8}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
71277	1196	550	$\frac{1}{25}$	$\frac{24}{275}$	$\frac{1}{5}$	$\frac{251}{550}$	$\Phi_{550}^{4}\ \Phi_{110}^{4}\ \Phi_{50}^{4}\ \Phi_{25}^{4}\ \Phi_{22}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
71278	1196	2226	$\frac{1}{53}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{2226}\ \Phi_{742}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}$
71279	1196	540	$\frac{1}{30}$	$\frac{29}{270}$	$\frac{1}{5}$	$\frac{241}{540}$	$\Phi_{540}^{4}\ \Phi_{180}^{4}\ \Phi_{108}^{4}\ \Phi_{60}^{4}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
71280	1196	846	$\frac{1}{47}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{846}^{2}\ \Phi_{423}\ \Phi_{282}^{2}\ \Phi_{141}\ \Phi_{94}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
71281	1196	1696	$\frac{1}{53}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1696}\ \Phi_{424}\ \Phi_{212}\ \Phi_{106}$
71282	1196	525	$\frac{2}{75}$	$\frac{73}{525}$	$\frac{1}{5}$	$\frac{226}{525}$	$\Phi_{525}^2\ \Phi_{175}^2\ \Phi_{105}^2\ \Phi_{75}^4\ \Phi_{35}^2\ \Phi_{25}^4\ \Phi_{21}^2\ \Phi_{15}^4\ \Phi_7^2\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
71283	1196	2120	$\frac{1}{53}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{2120}\ \Phi_{424}\ \Phi_{212}\ \Phi_{106}$
71284	1196	500	$\frac{1}{50}$	$\frac{49}{250}$	$\frac{1}{5}$	$\frac{201}{500}$	$\Phi_{500}^4\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
71285	1196	340	$\frac{3}{85}$	$\frac{41}{340}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{340}^4\ \Phi_{170}^4\ \Phi_{85}^2\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{20}^4\ \Phi_{17}^2\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
71286	1196	315	$\frac{16}{315}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{35}^2\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_7^2\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
71287	1196	480	$\frac{1}{60}$	$\frac{1}{5}$	$\frac{59}{240}$	$\frac{181}{480}$	$\Phi_{480}^4\ \Phi_{160}^4\ \Phi_{96}^4\ \Phi_{60}^4\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
71288	1196	1520	$\frac{5}{304}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
71289	1196	1908	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1908}\ \Phi_{636}\ \Phi_{318}\ \Phi_{212}\ \Phi_{159}\ \Phi_{106}$
71290	1196	450	$\frac{1}{75}$	$\frac{1}{5}$	$\frac{74}{225}$	$\frac{151}{450}$	$\Phi_{450}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
71291	1196	447	$\frac{1}{149}$	$\frac{148}{447}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{447}^3\ \Phi_{149}^2\ \Phi_3^4\ \Phi_1^4$
71292	1196	705	$\frac{1}{47}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{705}^2\ \Phi_{235}^2\ \Phi_{141}$
71293	1196	447	$\frac{6}{149}$	$\frac{11}{149}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{447}^2\ \Phi_{149}^4\ \Phi_3^3\ \Phi_1^6$
71294	1196	168	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{168}^8\ \Phi_{84}^8\ \Phi_{56}^8\ \Phi_{42}^7\ \Phi_{28}^8\ \Phi_{24}^4\ \Phi_{21}^7\ \Phi_{14}^6\ \Phi_{12}^4\ \Phi_8^4\ \Phi_7^6\ \Phi_6^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
71295	1196	1890	$\frac{2}{45}$	$\frac{1}{14}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{189}\ \Phi_{54}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
71296	1196	297	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{297}^4\ \Phi_{99}^4\ \Phi_{33}^3\ \Phi_{27}^6\ \Phi_{11}^2\ \Phi_9^6\ \Phi_3^4\ \Phi_1^4$
71297	1196	846	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{846}^2\ \Phi_{423}^2\ \Phi_{141}$
71298	1196	2256	$\frac{1}{47}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{141}$
71299	1196	1980	$\frac{2}{99}$	$\frac{1}{5}$	$\frac{97}{396}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{110}\ \Phi_{90}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
71300	1196	1365	$\frac{3}{91}$	$\frac{2}{15}$	$\frac{22}{91}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}\ \Phi_{35}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
71301	1196	210	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^6\ \Phi_{42}^7\ \Phi_{35}^6\ \Phi_{30}^2\ \Phi_{21}^7\ \Phi_{15}^4\ \Phi_{14}^6\ \Phi_{10}^2\ \Phi_7^6\ \Phi_6^3\ \Phi_5^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
71302	1196	1530	$\frac{7}{306}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{90}\ \Phi_{85}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
71303	1196	1386	$\frac{7}{99}$	$\frac{1}{14}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{198}\ \Phi_{154}\ \Phi_{77}\ \Phi_{66}\ \Phi_{42}\ \Phi_{22}\ \Phi_{21}\ \Phi_6$
71304	1196	120	$\frac{1}{24}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{120}^{10}\ \Phi_{60}^{10}\ \Phi_{40}^{10}\ \Phi_{30}^{10}\ \Phi_{24}^{12}\ \Phi_{20}^{10}\ \Phi_{15}^7\ \Phi_{12}^{12}\ \Phi_{10}^{10}\ \Phi_8^{12}\ \Phi_6^{12}\ \Phi_5^6\ \Phi_4^{12}\ \Phi_3^8\ \Phi_2^{12}\ \Phi_1^8$
71305	1196	330	$\frac{2}{33}$	$\frac{31}{330}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{330}^4\ \Phi_{165}^3\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{55}^3\ \Phi_{33}^4\ \Phi_{30}^4\ \Phi_{22}^4\ \Phi_{15}^4\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
71306	1196	1050	$\frac{1}{14}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{210}\ \Phi_{150}^2\ \Phi_{105}\ \Phi_{42}^2\ \Phi_{30}\ \Phi_{21}^2\ \Phi_6^2$
71307	1196	1620	$\frac{2}{27}$	$\frac{25}{324}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{270}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
71308	1196	378	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{54}^4\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^3\ \Phi_2^2$
71309	1196	735	$\frac{3}{49}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{105}\ \Phi_{49}^2\ \Phi_{35}\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
71310	1196	210	$\frac{1}{14}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{210}^6\ \Phi_{105}^5\ \Phi_{70}^6\ \Phi_{42}^7\ \Phi_{35}^5\ \Phi_{30}^6\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7^5\ \Phi_6^7\ \Phi_5^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
71311	1196	390	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{390}^4\ \Phi_{195}^3\ \Phi_{130}^4\ \Phi_{65}^3\ \Phi_{30}^4\ \Phi_{26}^4\ \Phi_{15}^4\ \Phi_{13}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^4$
71312	1196	2220	$\frac{3}{148}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{145}{444}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{555}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
71313	1196	360	$\frac{1}{30}$	$\frac{61}{360}$	$\frac{1}{5}$	$\frac{29}{90}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
71314	1196	675	$\frac{4}{75}$	$\frac{77}{675}$	$\frac{1}{5}$	$\frac{71}{225}$	$\Phi_{675}^2\ \Phi_{225}\ \Phi_{135}^2\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
71315	1196	2160	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{133}{432}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
71316	1196	1620	$\frac{25}{324}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{270}\ \Phi_{135}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
71317	1196	561	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{4}{17}$	$\frac{10}{33}$	$\Phi_{561}^3\ \Phi_{51}^3\ \Phi_{33}^4\ \Phi_{17}^3\ \Phi_3^4\ \Phi_1^4$
71318	1196	2310	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{330}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{10}$
71319	1196	315	$\frac{16}{315}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{45}^2\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_9^2\ \Phi_7^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
71320	1196	420	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{1}{5}$	$\frac{121}{420}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{21}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
71321	1196	1638	$\frac{3}{91}$	$\frac{1}{6}$	$\frac{22}{91}$	$\frac{5}{18}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{234}\ \Phi_{126}\ \Phi_{117}\ \Phi_{91}\ \Phi_{63}\ \Phi_{18}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
71322	1196	360	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}\ \Phi_{90}^5\ \Phi_{60}\ \Phi_{45}^5\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
71323	1196	882	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{126}\ \Phi_{63}\ \Phi_{49}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
71324	1196	234	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{234}^7\ \Phi_{117}^7\ \Phi_{26}^4\ \Phi_{18}^8\ \Phi_{13}^3\ \Phi_9^8\ \Phi_2^4\ \Phi_1^4$
71325	1196	308	$\frac{9}{308}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{308}^4\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{44}^3\ \Phi_{28}^4\ \Phi_{22}^3\ \Phi_{14}^4\ \Phi_{11}^4\ \Phi_7^4\ \Phi_4^2\ \Phi_2^2\ \Phi_1^4$
71326	1196	434	$\frac{1}{14}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{434}^3\ \Phi_{217}^3\ \Phi_{62}^3\ \Phi_{14}^2\ \Phi_7^2\ \Phi_2^2$
71327	1196	1456	$\frac{3}{91}$	$\frac{3}{16}$	$\frac{22}{91}$	$\frac{1}{4}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{208}\ \Phi_{112}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{16}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
71328	1196	240	$\frac{1}{24}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{240}^8\ \Phi_{120}^5\ \Phi_{80}^7\ \Phi_{60}^5\ \Phi_{40}^4\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_5^4$
71329	1196	784	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{784}^2\ \Phi_{392}^2\ \Phi_{112}\ \Phi_{56}\ \Phi_{49}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
71330	1196	208	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{208}^7\ \Phi_{104}^7\ \Phi_{26}^4\ \Phi_{16}^8\ \Phi_{13}^3\ \Phi_8^8\ \Phi_2^4\ \Phi_1^4$
71331	1196	30	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{7}{30}$	$\Phi_{30}^{52}\ \Phi_{15}^{28}\ \Phi_{10}^{52}\ \Phi_6^{52}\ \Phi_5^{27}\ \Phi_3^{28}\ \Phi_2^{52}\ \Phi_1^{28}$
71332	1196	1680	$\frac{1}{12}$	$\frac{37}{336}$	$\frac{1}{5}$	$\frac{11}{48}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
71333	1196	1920	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{5}$	$\frac{85}{384}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{320}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
71334	1196	375	$\frac{4}{75}$	$\frac{71}{375}$	$\frac{1}{5}$	$\frac{76}{375}$	$\Phi_{375}^3\ \Phi_{125}^3\ \Phi_{75}^4\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
71335	1196	75	$\frac{2}{25}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{75}^{20}\ \Phi_{25}^{12}\ \Phi_{15}^{12}\ \Phi_5^7\ \Phi_3^{12}\ \Phi_1^8$
71336	1196	360	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{360}$	$\frac{1}{5}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{45}^3\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
71337	1196	1680	$\frac{37}{336}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{140}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
71338	1196	135	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{4}{27}$	$\frac{1}{5}$	$\Phi_{135}^{10}\ \Phi_{45}^5\ \Phi_{27}^{12}\ \Phi_{15}^7\ \Phi_9^6\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
71339	1197	2384	$\frac{5}{1192}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1187}{2384}$	$\Phi_{2384}\ \Phi_{16}\ \Phi_8\ \Phi_1$
71340	1197	1020	$\frac{1}{170}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{169}{340}$	$\Phi_{510}^2\ \Phi_{340}\ \Phi_{255}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
71341	1197	3060	$\frac{1}{170}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{169}{340}$	$\Phi_{3060}\ \Phi_{612}\ \Phi_{340}\ \Phi_{180}\ \Phi_{68}\ \Phi_{36}\ \Phi_{20}\ \Phi_9\ \Phi_4\ \Phi_1$
71342	1197	1600	$\frac{3}{400}$	$\frac{1}{4}$	$\frac{403}{1600}$	$\frac{397}{800}$	$\Phi_{1600}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{64}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
71343	1197	528	$\frac{1}{132}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{131}{264}$	$\Phi_{528}^4\ \Phi_{264}\ \Phi_{176}^4\ \Phi_{88}\ \Phi_{48}^4\ \Phi_{24}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
71344	1197	264	$\frac{1}{132}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{131}{264}$	$\Phi_{264}^9\ \Phi_{88}^9\ \Phi_{24}^9\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
71345	1197	1580	$\frac{4}{395}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{391}{790}$	$\Phi_{1580}\ \Phi_{395}\ \Phi_{316}\ \Phi_{79}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
71346	1197	736	$\frac{1}{92}$	$\frac{31}{368}$	$\frac{337}{736}$	$\frac{91}{184}$	$\Phi_{736}^3\ \Phi_{184}\ \Phi_{32}^3\ \Phi_8\ \Phi_1$
71347	1197	184	$\frac{1}{92}$	$\frac{31}{184}$	$\frac{51}{184}$	$\frac{91}{184}$	$\Phi_{184}^7\ \Phi_{92}^6\ \Phi_{46}^6\ \Phi_{23}^6\ \Phi_8^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
71348	1197	1472	$\frac{1}{92}$	$\frac{275}{1472}$	$\frac{93}{368}$	$\frac{91}{184}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{184}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_1$
71349	1197	2368	$\frac{13}{1184}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1171}{2368}$	$\Phi_{2368}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
71350	1197	160	$\frac{1}{80}$	$\frac{27}{160}$	$\frac{1}{4}$	$\frac{79}{160}$	$\Phi_{160}^6\ \Phi_{80}^9\ \Phi_{40}^9\ \Phi_{32}^6\ \Phi_{20}^9\ \Phi_{16}^9\ \Phi_{10}^9\ \Phi_8^9\ \Phi_5^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
71351	1197	2360	$\frac{17}{1180}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1163}{2360}$	$\Phi_{2360}\ \Phi_{472}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
71352	1197	1116	$\frac{1}{62}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{61}{124}$	$\Phi_{558}^2\ \Phi_{279}^2\ \Phi_{186}^2\ \Phi_{124}\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{36}\ \Phi_{31}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
71353	1197	2604	$\frac{1}{62}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{61}{124}$	$\Phi_{2604}\ \Phi_{868}\ \Phi_{124}\ \Phi_{84}\ \Phi_{28}\ \Phi_{21}\ \Phi_7\ \Phi_4\ \Phi_1$
71354	1197	3348	$\frac{1}{62}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{61}{124}$	$\Phi_{3348}\ \Phi_{124}\ \Phi_{108}\ \Phi_{27}\ \Phi_4\ \Phi_1$
71355	1197	744	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{61}{124}$	$\Phi_{744}^2\ \Phi_{248}^2\ \Phi_{186}^2\ \Phi_{124}\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{24}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
71356	1197	560	$\frac{1}{56}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{55}{112}$	$\Phi_{560}^4\ \Phi_{112}^5\ \Phi_{80}^4\ \Phi_{40}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
71357	1197	560	$\frac{1}{56}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{55}{112}$	$\Phi_{560}^4\ \Phi_{112}^5\ \Phi_{80}^4\ \Phi_{16}^5\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
71358	1197	112	$\frac{1}{56}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{55}{112}$	$\Phi_{112}^{21}\ \Phi_{16}^{21}\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
71359	1197	2800	$\frac{1}{56}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{55}{112}$	$\Phi_{2800}\ \Phi_{400}\ \Phi_{112}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
71360	1197	2288	$\frac{1}{52}$	$\frac{53}{1144}$	$\frac{1091}{2288}$	$\frac{51}{104}$	$\Phi_{2288}\ \Phi_{208}\ \Phi_{176}\ \Phi_{104}\ \Phi_{16}\ \Phi_8\ \Phi_1$
71361	1197	260	$\frac{3}{130}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{127}{260}$	$\Phi_{260}^9\ \Phi_{52}^9\ \Phi_{20}^9\ \Phi_{13}^2\ \Phi_4^9\ \Phi_1^3$
71362	1197	260	$\frac{3}{130}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{127}{260}$	$\Phi_{260}^3\ \Phi_{130}^6\ \Phi_{65}^6\ \Phi_{52}^3\ \Phi_{26}^6\ \Phi_{20}^5\ \Phi_{13}^6\ \Phi_{10}^7\ \Phi_5^7\ \Phi_4^4\ \Phi_2^6\ \Phi_1^7$
71363	1197	1612	$\frac{12}{403}$	$\frac{1}{13}$	$\frac{415}{1612}$	$\frac{391}{806}$	$\Phi_{1612}\ \Phi_{403}\ \Phi_{124}\ \Phi_{52}\ \Phi_{31}\ \Phi_4\ \Phi_1$
71364	1197	2320	$\frac{37}{1160}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1123}{2320}$	$\Phi_{2320}\ \Phi_{464}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
71365	1197	1280	$\frac{3}{80}$	$\frac{83}{1280}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
71366	1197	256	$\frac{5}{128}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{123}{256}$	$\Phi_{256}^9\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
71367	1197	23	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{4}{23}$	$\frac{11}{23}$	$\Phi_{23}^{52}\ \Phi_1^{53}$
71368	1197	280	$\frac{1}{28}$	$\frac{1}{20}$	$\frac{9}{28}$	$\frac{19}{40}$	$\Phi_{280}^8\ \Phi_{56}^8\ \Phi_{40}^9\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^9\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
71369	1197	40	$\frac{1}{20}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{40}^{57}\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^{57}\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
71370	1197	280	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{19}{40}$	$\Phi_{280}^8\ \Phi_{70}\ \Phi_{56}^8\ \Phi_{40}^9\ \Phi_{35}\ \Phi_{10}\ \Phi_8^9\ \Phi_5\ \Phi_1$
71371	1197	840	$\frac{1}{20}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{40}$	$\Phi_{840}^3\ \Phi_{280}^2\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{56}^2\ \Phi_{40}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
71372	1197	320	$\frac{1}{20}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{19}{40}$	$\Phi_{320}^4\ \Phi_{160}^4\ \Phi_{80}^4\ \Phi_{64}^5\ \Phi_{40}\ \Phi_{32}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
71373	1197	1116	$\frac{1}{31}$	$\frac{1}{18}$	$\frac{10}{31}$	$\frac{17}{36}$	$\Phi_{1116}^2\ \Phi_{372}^2\ \Phi_{124}^2\ \Phi_{36}^3\ \Phi_{31}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
71374	1197	396	$\frac{1}{22}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{396}^2\ \Phi_{198}^4\ \Phi_{132}^2\ \Phi_{99}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{36}\ \Phi_{33}^4\ \Phi_{22}^5\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{11}^5\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
71375	1197	1116	$\frac{1}{18}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{17}{36}$	$\Phi_{1116}^2\ \Phi_{372}^2\ \Phi_{124}^2\ \Phi_{36}^3\ \Phi_{31}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
71376	1197	360	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{17}{36}$	$\Phi_{360}^4\ \Phi_{180}^2\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^4\ \Phi_{40}^6\ \Phi_{36}\ \Phi_{30}^4\ \Phi_{24}^2\ \Phi_{20}^4\ \Phi_{18}^2\ \Phi_{15}^4\ \Phi_{12}\ \Phi_{10}^5\ \Phi_9^2\ \Phi_8^3\ \Phi_6^2\ \Phi_5^5\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
71377	1197	416	$\frac{17}{416}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{416}^3\ \Phi_{208}^3\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{16}^3\ \Phi_{13}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
71378	1197	500	$\frac{1}{25}$	$\frac{8}{125}$	$\frac{1}{4}$	$\frac{117}{250}$	$\Phi_{500}^3\ \Phi_{125}^3\ \Phi_{100}^4\ \Phi_{50}\ \Phi_{25}^3\ \Phi_{20}^4\ \Phi_{10}\ \Phi_5^3\ \Phi_4^3\ \Phi_1^3$
71379	1197	320	$\frac{3}{80}$	$\frac{11}{160}$	$\frac{1}{4}$	$\frac{149}{320}$	$\Phi_{320}^7\ \Phi_{80}\ \Phi_{64}^7\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
71380	1197	169	$\frac{4}{169}$	$\frac{1}{13}$	$\frac{55}{169}$	$\frac{6}{13}$	$\Phi_{169}^7\ \Phi_{13}^8\ \Phi_1^9$
71381	1197	736	$\frac{1}{46}$	$\frac{31}{368}$	$\frac{15}{46}$	$\frac{337}{736}$	$\Phi_{736}^3\ \Phi_{46}^2\ \Phi_{32}^3\ \Phi_{23}^2\ \Phi_2^2\ \Phi_1^3$
71382	1197	2200	$\frac{3}{100}$	$\frac{97}{1100}$	$\frac{1}{4}$	$\frac{1003}{2200}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{200}\ \Phi_{100}\ \Phi_{88}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
71383	1197	104	$\frac{1}{52}$	$\frac{5}{52}$	$\frac{17}{52}$	$\frac{47}{104}$	$\Phi_{104}^{21}\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_8^{21}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
71384	1197	104	$\frac{3}{52}$	$\frac{5}{52}$	$\frac{7}{52}$	$\frac{47}{104}$	$\Phi_{104}^{21}\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_8^{21}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
71385	1197	240	$\frac{1}{40}$	$\frac{13}{120}$	$\frac{1}{4}$	$\frac{107}{240}$	$\Phi_{240}^9\ \Phi_{80}^9\ \Phi_{48}^9\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^9\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
71386	1197	184	$\frac{1}{46}$	$\frac{5}{46}$	$\frac{51}{184}$	$\frac{41}{92}$	$\Phi_{184}^9\ \Phi_{46}^8\ \Phi_{23}^8\ \Phi_8^9\ \Phi_2^8\ \Phi_1^9$
71387	1197	1664	$\frac{1}{52}$	$\frac{51}{416}$	$\frac{467}{1664}$	$\frac{365}{832}$	$\Phi_{1664}\ \Phi_{416}\ \Phi_{208}\ \Phi_{128}\ \Phi_{104}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
71388	1197	2160	$\frac{2}{135}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{135}\ \Phi_{80}\ \Phi_{45}\ \Phi_{27}\ \Phi_{16}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
71389	1197	1584	$\frac{1}{66}$	$\frac{1}{8}$	$\frac{65}{198}$	$\frac{7}{16}$	$\Phi_{1584}^2\ \Phi_{198}\ \Phi_{144}^2\ \Phi_{99}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
71390	1197	272	$\frac{3}{136}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{272}^8\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
71391	1197	176	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{43}{176}$	$\frac{7}{16}$	$\Phi_{176}^5\ \Phi_{88}^9\ \Phi_{44}^8\ \Phi_{22}^8\ \Phi_{16}^6\ \Phi_{11}^8\ \Phi_8^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
71392	1197	2640	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{32}{165}$	$\frac{7}{16}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{240}\ \Phi_{165}\ \Phi_{80}\ \Phi_{55}\ \Phi_{16}\ \Phi_{15}\ \Phi_5\ \Phi_1$
71393	1197	1104	$\frac{5}{138}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{1104}^2\ \Phi_{368}^2\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_1$
71394	1197	176	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{3}{22}$	$\frac{7}{16}$	$\Phi_{176}^{12}\ \Phi_{22}^6\ \Phi_{16}^{13}\ \Phi_{11}^6\ \Phi_2^6\ \Phi_1^7$
71395	1197	80	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{80}^{28}\ \Phi_{40}^4\ \Phi_{20}^3\ \Phi_{16}^{21}\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
71396	1197	2288	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2288}\ \Phi_{208}\ \Phi_{143}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
71397	1197	144	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{144}^9\ \Phi_{72}^9\ \Phi_{48}^5\ \Phi_{36}^9\ \Phi_{24}^9\ \Phi_{18}^9\ \Phi_{16}^6\ \Phi_{12}^8\ \Phi_9^9\ \Phi_8^9\ \Phi_6^8\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
71398	1197	100	$\frac{1}{50}$	$\frac{7}{50}$	$\frac{1}{4}$	$\frac{43}{100}$	$\Phi_{100}^9\ \Phi_{50}^{15}\ \Phi_{25}^{15}\ \Phi_{20}^9\ \Phi_{10}^{15}\ \Phi_5^{15}\ \Phi_4^8\ \Phi_2^{14}\ \Phi_1^{15}$
71399	1197	2080	$\frac{1}{52}$	$\frac{157}{1040}$	$\frac{51}{208}$	$\frac{883}{2080}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{208}\ \Phi_{160}\ \Phi_{104}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
71400	1197	1020	$\frac{1}{85}$	$\frac{1}{6}$	$\frac{28}{85}$	$\frac{5}{12}$	$\Phi_{1020}^2\ \Phi_{340}^2\ \Phi_{204}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{17}^2\ \Phi_{12}^3\ \Phi_5^2\ \Phi_4^3\ \Phi_1^3$
71401	1197	348	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{348}^2\ \Phi_{174}^4\ \Phi_{116}^4\ \Phi_{87}^4\ \Phi_{58}^5\ \Phi_{29}^5\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
71402	1197	2100	$\frac{4}{175}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
71403	1197	204	$\frac{1}{34}$	$\frac{11}{68}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{204}^4\ \Phi_{102}^6\ \Phi_{68}^7\ \Phi_{51}^6\ \Phi_{34}^8\ \Phi_{17}^8\ \Phi_{12}^5\ \Phi_6^6\ \Phi_4^8\ \Phi_3^6\ \Phi_2^8\ \Phi_1^9$
71404	1197	1020	$\frac{4}{85}$	$\frac{9}{85}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1020}^2\ \Phi_{340}^2\ \Phi_{204}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{17}^2\ \Phi_{12}^3\ \Phi_5^2\ \Phi_4^3\ \Phi_1^3$
71405	1197	60	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{60}^{16}\ \Phi_{30}^{18}\ \Phi_{20}^{25}\ \Phi_{15}^{18}\ \Phi_{12}^{17}\ \Phi_{10}^{26}\ \Phi_6^{18}\ \Phi_5^{26}\ \Phi_4^{26}\ \Phi_3^{18}\ \Phi_2^{26}\ \Phi_1^{27}$
71406	1197	2244	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2244}\ \Phi_{748}\ \Phi_{187}\ \Phi_{132}\ \Phi_{44}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
71407	1197	64	$\frac{1}{64}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{64}^{19}\ \Phi_{32}^{18}\ \Phi_{16}^{19}\ \Phi_8^{19}\ \Phi_4^{18}\ \Phi_2^{18}\ \Phi_1^{19}$
71408	1197	2000	$\frac{3}{200}$	$\frac{197}{1000}$	$\frac{1}{4}$	$\frac{803}{2000}$	$\Phi_{2000}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
71409	1197	92	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{11}{46}$	$\frac{35}{92}$	$\Phi_{92}^{21}\ \Phi_{23}^{10}\ \Phi_4^{21}\ \Phi_1^{11}$
71410	1197	640	$\frac{1}{80}$	$\frac{79}{320}$	$\frac{1}{4}$	$\frac{241}{640}$	$\Phi_{640}^3\ \Phi_{128}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
71411	1197	192	$\frac{1}{64}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{192}^8\ \Phi_{96}^8\ \Phi_{64}^3\ \Phi_{48}^8\ \Phi_{32}^3\ \Phi_{24}^7\ \Phi_{16}^3\ \Phi_{12}^7\ \Phi_8^3\ \Phi_6^7\ \Phi_4^2\ \Phi_3^7\ \Phi_2^2\ \Phi_1^3$
71412	1197	176	$\frac{5}{176}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{176}^7\ \Phi_{88}^7\ \Phi_{44}^7\ \Phi_{22}^7\ \Phi_{16}^7\ \Phi_{11}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
71413	1197	960	$\frac{1}{64}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}^2\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
71414	1197	208	$\frac{1}{52}$	$\frac{17}{104}$	$\frac{29}{104}$	$\frac{75}{208}$	$\Phi_{208}^9\ \Phi_{104}^3\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{16}^9\ \Phi_{13}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
71415	1197	416	$\frac{17}{416}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{416}^3\ \Phi_{208}^3\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_4^3\ \Phi_1^3$
71416	1197	160	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{160}^{12}\ \Phi_{80}^4\ \Phi_{40}^4\ \Phi_{32}^9\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
71417	1197	344	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{14}{43}$	$\frac{29}{86}$	$\Phi_{344}^4\ \Phi_{172}^4\ \Phi_{86}\ \Phi_{43}^3\ \Phi_8^3\ \Phi_4^3\ \Phi_1^3$
71418	1197	460	$\frac{1}{46}$	$\frac{61}{460}$	$\frac{15}{46}$	$\frac{31}{92}$	$\Phi_{460}^3\ \Phi_{230}^3\ \Phi_{115}^3\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_2^2\ \Phi_1^3$
71419	1197	200	$\frac{1}{100}$	$\frac{1}{4}$	$\frac{33}{100}$	$\frac{67}{200}$	$\Phi_{200}^9\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{40}^9\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^9\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
71420	1197	765	$\frac{1}{85}$	$\frac{2}{9}$	$\frac{28}{85}$	$\frac{1}{3}$	$\Phi_{765}^2\ \Phi_{153}^2\ \Phi_{85}^2\ \Phi_{45}^2\ \Phi_{17}^2\ \Phi_9^3\ \Phi_5^2\ \Phi_1^3$
71421	1197	651	$\frac{1}{31}$	$\frac{2}{21}$	$\frac{10}{31}$	$\frac{1}{3}$	$\Phi_{651}^2\ \Phi_{217}^2\ \Phi_{31}^2\ \Phi_{21}^3\ \Phi_7^3\ \Phi_1^3$
71422	1197	540	$\frac{2}{135}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^3\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^3\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
71423	1197	1044	$\frac{1}{58}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1044}^2\ \Phi_{522}\ \Phi_{261}\ \Phi_{116}^2\ \Phi_{58}\ \Phi_{36}\ \Phi_{29}\ \Phi_9\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
71424	1197	924	$\frac{1}{22}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^{2}\,\Phi_{462}\,\Phi_{308}^{2}\,\Phi_{231}\,\Phi_{154}\,\Phi_{84}\,\Phi_{77}\,\Phi_{44}^{2}\,\Phi_{28}\,\Phi_{22}\,\Phi_{21}\,\Phi_{11}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
71425	1197	1575	$\frac{4}{175}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1575}\,\Phi_{315}\,\Phi_{225}\,\Phi_{175}\,\Phi_{63}\,\Phi_{35}\,\Phi_{25}\,\Phi_{9}\,\Phi_{7}\,\Phi_{1}$
71426	1197	612	$\frac{1}{34}$	$\frac{11}{68}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{612}^{3}\,\Phi_{306}^{2}\,\Phi_{153}^{2}\,\Phi_{68}^{3}\,\Phi_{36}^{3}\,\Phi_{34}^{2}\,\Phi_{18}^{2}\,\Phi_{17}^{2}\,\Phi_{9}^{3}\,\Phi_{4}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
71427	1197	765	$\frac{4}{85}$	$\frac{9}{85}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{765}^{2}\,\Phi_{153}^{2}\,\Phi_{85}^{2}\,\Phi_{45}^{2}\,\Phi_{17}^{2}\,\Phi_{9}^{3}\,\Phi_{5}^{2}\,\Phi_{1}^{3}$
71428	1197	180	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^{9}\,\Phi_{90}^{8}\,\Phi_{45}^{8}\,\Phi_{36}^{9}\,\Phi_{20}^{9}\,\Phi_{18}^{8}\,\Phi_{10}^{8}\,\Phi_{9}^{9}\,\Phi_{5}^{8}\,\Phi_{4}^{9}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
71429	1197	1683	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1683}\,\Phi_{187}\,\Phi_{99}\,\Phi_{11}\,\Phi_{9}\,\Phi_{1}$
71430	1197	651	$\frac{2}{21}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{3}$	$\Phi_{651}^{2}\,\Phi_{217}^{2}\,\Phi_{31}^{2}\,\Phi_{21}^{3}\,\Phi_{7}^{3}\,\Phi_{1}^{3}$
71431	1197	840	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{840}^{2}\,\Phi_{420}^{2}\,\Phi_{280}^{2}\,\Phi_{210}\,\Phi_{168}\,\Phi_{140}^{2}\,\Phi_{105}\,\Phi_{84}\,\Phi_{70}\,\Phi_{56}\,\Phi_{40}^{2}\,\Phi_{35}\,\Phi_{28}\,\Phi_{21}\,\Phi_{20}^{2}\,\Phi_{10}\,\Phi_{8}\,\Phi_{7}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
71432	1197	396	$\frac{1}{66}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{65}{198}$	$\Phi_{396}^{4}\,\Phi_{198}^{5}\,\Phi_{99}^{5}\,\Phi_{36}^{4}\,\Phi_{18}^{5}\,\Phi_{9}^{5}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
71433	1197	184	$\frac{1}{46}$	$\frac{31}{184}$	$\frac{51}{184}$	$\frac{15}{46}$	$\Phi_{184}^{6}\,\Phi_{92}^{6}\,\Phi_{46}^{8}\,\Phi_{23}^{8}\,\Phi_{8}^{6}\,\Phi_{4}^{6}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
71434	1197	592	$\frac{13}{592}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{193}{592}$	$\Phi_{592}^{2}\,\Phi_{296}^{2}\,\Phi_{148}^{2}\,\Phi_{74}^{2}\,\Phi_{37}^{2}\,\Phi_{16}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
71435	1197	160	$\frac{1}{40}$	$\frac{27}{160}$	$\frac{1}{4}$	$\frac{13}{40}$	$\Phi_{160}^{9}\,\Phi_{80}^{9}\,\Phi_{40}^{3}\,\Phi_{32}^{9}\,\Phi_{20}^{3}\,\Phi_{16}^{9}\,\Phi_{10}^{3}\,\Phi_{8}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
71436	1197	837	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{10}{31}$	$\Phi_{837}^{2}\,\Phi_{31}^{2}\,\Phi_{27}^{3}\,\Phi_{1}^{3}$
71437	1197	744	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{10}{31}$	$\Phi_{744}^{2}\,\Phi_{372}^{2}\,\Phi_{248}^{2}\,\Phi_{124}^{2}\,\Phi_{31}^{2}\,\Phi_{24}^{3}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
71438	1197	140	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{9}{28}$	$\Phi_{140}^{8}\,\Phi_{70}^{8}\,\Phi_{35}^{8}\,\Phi_{28}^{10}\,\Phi_{20}^{8}\,\Phi_{14}^{10}\,\Phi_{10}^{10}\,\Phi_{7}^{10}\,\Phi_{5}^{10}\,\Phi_{4}^{10}\,\Phi_{2}^{12}\,\Phi_{1}^{13}$
71439	1197	56	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{9}{28}$	$\Phi_{56}^{24}\,\Phi_{28}^{18}\,\Phi_{14}^{18}\,\Phi_{8}^{27}\,\Phi_{7}^{18}\,\Phi_{4}^{20}\,\Phi_{2}^{20}\,\Phi_{1}^{21}$
71440	1197	700	$\frac{1}{28}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{9}{28}$	$\Phi_{700}^{2}\,\Phi_{350}^{2}\,\Phi_{175}^{2}\,\Phi_{100}^{2}\,\Phi_{50}^{2}\,\Phi_{28}^{2}\,\Phi_{25}^{3}\,\Phi_{14}^{2}\,\Phi_{7}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
71441	1197	299	$\frac{11}{299}$	$\frac{29}{299}$	$\frac{90}{299}$	$\frac{96}{299}$	$\Phi_{299}^{4}\,\Phi_{23}^{4}\,\Phi_{13}^{4}\,\Phi_{1}^{5}$
71442	1197	300	$\frac{1}{25}$	$\frac{17}{150}$	$\frac{1}{4}$	$\frac{8}{25}$	$\Phi_{300}^{6}\,\Phi_{150}^{3}\,\Phi_{100}^{4}\,\Phi_{75}^{3}\,\Phi_{60}^{6}\,\Phi_{50}\,\Phi_{30}^{3}\,\Phi_{25}^{3}\,\Phi_{20}^{4}\,\Phi_{15}^{3}\,\Phi_{12}^{6}\,\Phi_{10}\,\Phi_{6}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
71443	1197	344	$\frac{7}{172}$	$\frac{1}{8}$	$\frac{39}{172}$	$\frac{55}{172}$	$\Phi_{344}^{4}\,\Phi_{172}^{3}\,\Phi_{86}^{3}\,\Phi_{43}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
71444	1197	391	$\frac{16}{391}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{125}{391}$	$\Phi_{391}^{3}\,\Phi_{23}^{4}\,\Phi_{17}^{3}\,\Phi_{1}^{5}$
71445	1197	195	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{62}{195}$	$\Phi_{195}^{9}\,\Phi_{39}^{9}\,\Phi_{15}^{9}\,\Phi_{13}^{2}\,\Phi_{3}^{9}\,\Phi_{1}^{3}$
71446	1197	299	$\frac{14}{299}$	$\frac{33}{299}$	$\frac{68}{299}$	$\frac{95}{299}$	$\Phi_{299}^{4}\,\Phi_{23}^{4}\,\Phi_{13}^{4}\,\Phi_{1}^{5}$
71447	1197	400	$\frac{19}{400}$	$\frac{39}{400}$	$\frac{1}{4}$	$\frac{127}{400}$	$\Phi_{400}^{3}\,\Phi_{200}^{3}\,\Phi_{100}^{3}\,\Phi_{80}^{3}\,\Phi_{50}^{3}\,\Phi_{40}^{3}\,\Phi_{25}^{3}\,\Phi_{20}^{3}\,\Phi_{16}^{3}\,\Phi_{10}^{3}\,\Phi_{8}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
71448	1197	144	$\frac{1}{16}$	$\frac{11}{144}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{144}^{9}\,\Phi_{72}^{9}\,\Phi_{48}^{9}\,\Phi_{36}^{9}\,\Phi_{24}^{9}\,\Phi_{18}^{3}\,\Phi_{16}^{9}\,\Phi_{12}^{9}\,\Phi_{9}^{9}\,\Phi_{8}^{3}\,\Phi_{6}^{9}\,\Phi_{4}^{2}\,\Phi_{3}^{9}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
71449	1197	520	$\frac{9}{130}$	$\frac{1}{13}$	$\frac{121}{520}$	$\frac{4}{13}$	$\Phi_{520}^{3}\,\Phi_{260}^{3}\,\Phi_{104}^{3}\,\Phi_{52}^{3}\,\Phi_{40}^{3}\,\Phi_{20}^{3}\,\Phi_{13}^{2}\,\Phi_{8}^{3}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
71450	1197	143	$\frac{10}{143}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{143}^{9}\,\Phi_{13}^{2}\,\Phi_{11}^{9}\,\Phi_{1}^{3}$
71451	1197	156	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{156}$	$\frac{4}{13}$	$\Phi_{156}^{9}\,\Phi_{78}^{9}\,\Phi_{52}^{9}\,\Phi_{39}^{9}\,\Phi_{13}^{2}\,\Phi_{12}^{9}\,\Phi_{6}^{9}\,\Phi_{4}^{9}\,\Phi_{3}^{9}\,\Phi_{1}^{3}$
71452	1197	65	$\frac{1}{13}$	$\frac{8}{65}$	$\frac{9}{65}$	$\frac{4}{13}$	$\Phi_{65}^{18}\,\Phi_{13}^{20}\,\Phi_{5}^{18}\,\Phi_{1}^{21}$
71453	1197	192	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{59}{192}$	$\Phi_{192}^{9}\,\Phi_{96}^{9}\,\Phi_{48}^{9}\,\Phi_{24}^{9}\,\Phi_{16}^{3}\,\Phi_{12}^{9}\,\Phi_{8}^{3}\,\Phi_{6}^{9}\,\Phi_{4}^{2}\,\Phi_{3}^{9}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
71454	1197	20	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{20}^{59}\,\Phi_{10}^{61}\,\Phi_{5}^{61}\,\Phi_{4}^{58}\,\Phi_{2}^{60}\,\Phi_{1}^{61}$
71455	1197	70	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{70}$	$\frac{3}{10}$	$\Phi_{70}^{17}\,\Phi_{35}^{17}\,\Phi_{14}^{16}\,\Phi_{10}^{19}\,\Phi_{7}^{16}\,\Phi_{5}^{19}\,\Phi_{2}^{18}\,\Phi_{1}^{19}$
71456	1197	210	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{10}$	$\Phi_{210}^{6}\,\Phi_{105}^{6}\,\Phi_{70}^{4}\,\Phi_{42}^{6}\,\Phi_{35}^{4}\,\Phi_{30}^{6}\,\Phi_{21}^{9}\,\Phi_{15}^{6}\,\Phi_{14}^{4}\,\Phi_{10}^{6}\,\Phi_{7}^{6}\,\Phi_{6}^{6}\,\Phi_{5}^{6}\,\Phi_{3}^{9}\,\Phi_{2}^{6}\,\Phi_{1}^{9}$
71457	1197	320	$\frac{1}{10}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{3}{10}$	$\Phi_{320}^{4}\,\Phi_{160}^{4}\,\Phi_{80}^{4}\,\Phi_{64}^{5}\,\Phi_{32}^{5}\,\Phi_{16}^{5}\,\Phi_{10}^{2}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
71458	1197	320	$\frac{1}{20}$	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{320}^{4}\,\Phi_{160}^{4}\,\Phi_{80}^{4}\,\Phi_{64}^{3}\,\Phi_{40}^{4}\,\Phi_{32}^{3}\,\Phi_{20}^{3}\,\Phi_{16}^{3}\,\Phi_{10}^{3}\,\Phi_{8}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
71459	1197	1188	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{1188}^{2}\,\Phi_{594}\,\Phi_{297}\,\Phi_{108}\,\Phi_{44}^{2}\,\Phi_{27}\,\Phi_{22}\,\Phi_{11}\,\Phi_{4}\,\Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
71460	1197	837	$\frac{3}{31}$	$\frac{1}{9}$	$\frac{4}{31}$	$\frac{8}{27}$	$\Phi_{837}^{2}\ \Phi_{31}^{2}\ \Phi_{27}^{3}\ \Phi_{1}^{3}$
71461	1197	1080	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{27}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{40}^{2}\ \Phi_{27}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
71462	1197	161	$\frac{2}{23}$	$\frac{20}{161}$	$\frac{3}{23}$	$\frac{47}{161}$	$\Phi_{161}^{7}\ \Phi_{23}^{10}\ \Phi_{7}^{7}\ \Phi_{1}^{11}$
71463	1197	299	$\frac{12}{299}$	$\frac{41}{299}$	$\frac{71}{299}$	$\frac{86}{299}$	$\Phi_{299}^{4}\ \Phi_{23}^{4}\ \Phi_{13}^{4}\ \Phi_{1}^{5}$
71464	1197	80	$\frac{3}{80}$	$\frac{11}{80}$	$\frac{1}{4}$	$\frac{23}{80}$	$\Phi_{80}^{15}\ \Phi_{40}^{15}\ \Phi_{20}^{15}\ \Phi_{16}^{15}\ \Phi_{10}^{15}\ \Phi_{8}^{15}\ \Phi_{5}^{15}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
71465	1197	138	$\frac{5}{138}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{138}^{9}\ \Phi_{69}^{9}\ \Phi_{46}^{8}\ \Phi_{23}^{8}\ \Phi_{6}^{9}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
71466	1197	136	$\frac{3}{136}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{136}^{9}\ \Phi_{68}^{9}\ \Phi_{34}^{9}\ \Phi_{17}^{9}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
71467	1197	176	$\frac{1}{44}$	$\frac{43}{176}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{176}^{9}\ \Phi_{88}^{9}\ \Phi_{16}^{9}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
71468	1197	660	$\frac{1}{33}$	$\frac{32}{165}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{2}\ \Phi_{165}^{3}\ \Phi_{110}^{2}\ \Phi_{60}^{2}\ \Phi_{55}^{3}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
71469	1197	276	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{276}^{4}\ \Phi_{138}^{5}\ \Phi_{92}^{4}\ \Phi_{69}^{5}\ \Phi_{46}^{5}\ \Phi_{23}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
71470	1197	44	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{44}^{24}\ \Phi_{22}^{30}\ \Phi_{11}^{30}\ \Phi_{4}^{26}\ \Phi_{2}^{32}\ \Phi_{1}^{33}$
71471	1197	40	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{40}^{36}\ \Phi_{20}^{27}\ \Phi_{10}^{27}\ \Phi_{8}^{27}\ \Phi_{5}^{27}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
71472	1197	440	$\frac{3}{44}$	$\frac{41}{440}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{440}^{3}\ \Phi_{220}^{3}\ \Phi_{110}^{3}\ \Phi_{88}^{3}\ \Phi_{55}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
71473	1197	572	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{572}^{2}\ \Phi_{286}^{2}\ \Phi_{143}^{3}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{13}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
71474	1197	144	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{144}^{9}\ \Phi_{72}^{9}\ \Phi_{48}^{9}\ \Phi_{36}^{9}\ \Phi_{24}^{9}\ \Phi_{18}^{9}\ \Phi_{16}^{9}\ \Phi_{9}^{9}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
71475	1197	224	$\frac{3}{56}$	$\frac{1}{8}$	$\frac{53}{224}$	$\frac{1}{4}$	$\Phi_{224}^{7}\ \Phi_{112}^{7}\ \Phi_{32}^{7}\ \Phi_{16}^{7}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
71476	1197	64	$\frac{1}{16}$	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{1}{4}$	$\Phi_{64}^{18}\ \Phi_{32}^{18}\ \Phi_{16}^{21}\ \Phi_{8}^{21}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
71477	1197	520	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{121}{520}$	$\frac{1}{4}$	$\Phi_{520}^{3}\ \Phi_{260}\ \Phi_{130}^{2}\ \Phi_{104}^{3}\ \Phi_{65}^{2}\ \Phi_{52}\ \Phi_{40}^{3}\ \Phi_{26}^{2}\ \Phi_{20}^{3}\ \Phi_{13}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
71478	1197	512	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{113}{512}$	$\frac{1}{4}$	$\Phi_{512}^{3}\ \Phi_{256}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
71479	1197	80	$\frac{1}{20}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{80}^{19}\ \Phi_{40}^{19}\ \Phi_{20}^{3}\ \Phi_{16}^{19}\ \Phi_{10}^{3}\ \Phi_{8}^{19}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
71480	1197	264	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{264}^{6}\ \Phi_{132}^{2}\ \Phi_{88}^{6}\ \Phi_{66}^{4}\ \Phi_{44}^{4}\ \Phi_{33}^{4}\ \Phi_{24}^{3}\ \Phi_{22}^{5}\ \Phi_{12}\ \Phi_{11}^{5}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
71481	1197	500	$\frac{1}{25}$	$\frac{24}{125}$	$\frac{101}{500}$	$\frac{1}{4}$	$\Phi_{500}^{2}\ \Phi_{250}^{2}\ \Phi_{125}^{3}\ \Phi_{100}^{3}\ \Phi_{50}^{3}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
71482	1197	100	$\frac{1}{20}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{100}^{14}\ \Phi_{50}^{14}\ \Phi_{25}^{15}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
71483	1197	280	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{70}$	$\frac{1}{4}$	$\Phi_{280}^{6}\ \Phi_{140}^{4}\ \Phi_{70}^{5}\ \Phi_{40}^{6}\ \Phi_{35}^{5}\ \Phi_{20}^{4}\ \Phi_{10}^{5}\ \Phi_{8}^{3}\ \Phi_{5}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
71484	1197	160	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{27}{160}$	$\frac{1}{4}$	$\Phi_{160}^{9}\ \Phi_{80}^{9}\ \Phi_{40}^{9}\ \Phi_{20}^{9}\ \Phi_{16}^{3}\ \Phi_{10}^{9}\ \Phi_{8}^{3}\ \Phi_{5}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
71485	1197	168	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{168}^{9}\ \Phi_{84}^{6}\ \Phi_{56}^{6}\ \Phi_{42}^{6}\ \Phi_{28}^{4}\ \Phi_{24}^{9}\ \Phi_{21}^{9}\ \Phi_{14}^{4}\ \Phi_{12}^{6}\ \Phi_{8}^{9}\ \Phi_{7}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
71486	1197	392	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{25}{196}$	$\frac{1}{4}$	$\Phi_{392}^{4}\ \Phi_{196}^{3}\ \Phi_{98}^{3}\ \Phi_{49}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
71487	1197	64	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{64}^{21}\ \Phi_{32}^{21}\ \Phi_{16}^{21}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
71488	1197	23	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{4}{23}$	$\frac{5}{23}$	$\Phi_{23}^{52}\ \Phi_{1}^{53}$
71489	1197	744	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{744}^{2}\ \Phi_{372}^{2}\ \Phi_{248}^{2}\ \Phi_{124}^{2}\ \Phi_{31}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
71490	1197	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{120}^{10}\ \Phi_{60}^{10}\ \Phi_{40}^{12}\ \Phi_{30}^{12}\ \Phi_{24}^{5}\ \Phi_{20}^{12}\ \Phi_{15}^{12}\ \Phi_{12}^{5}\ \Phi_{10}^{13}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{13}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
71491	1197	350	$\frac{1}{14}$	$\frac{4}{25}$	$\frac{13}{70}$	$\frac{1}{5}$	$\Phi_{350}^{4}\ \Phi_{175}^{4}\ \Phi_{70}\ \Phi_{50}^{4}\ \Phi_{35}\ \Phi_{25}^{5}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
71492	1197	525	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{525}^{3}\ \Phi_{175}^{2}\ \Phi_{75}^{3}\ \Phi_{25}^{3}\ \Phi_{21}^{3}\ \Phi_{7}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
71493	1197	1600	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{64}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_{1}$
71494	1198	1194	$\frac{2}{597}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{595}{1194}$	$\Phi_{1194}^{2}\ \Phi_{398}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
71495	1198	2400	$\frac{1}{200}$	$\frac{201}{800}$	$\frac{1}{3}$	$\frac{199}{400}$	$\Phi_{2400}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
71496	1198	3576	$\frac{3}{596}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{593}{1192}$	$\Phi_{3576}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
71497	1198	1026	$\frac{1}{171}$	$\frac{86}{513}$	$\frac{427}{1026}$	$\frac{85}{171}$	$\Phi_{1026}^2\ \Phi_{342}^2\ \Phi_{171}\ \Phi_{114}^2\ \Phi_{57}\ \Phi_{54}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_{9}\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
71498	1198	1190	$\frac{4}{595}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{591}{1190}$	$\Phi_{1190}^2\ \Phi_{238}^2\ \Phi_{170}^2\ \Phi_{70}^2\ \Phi_{34}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{7}\ \Phi_{2}^2\ \Phi_{1}^2$
71499	1198	3570	$\frac{4}{595}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{591}{1190}$	$\Phi_{3570}\ \Phi_{714}\ \Phi_{510}\ \Phi_{210}\ \Phi_{102}\ \Phi_{42}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
71500	1198	1064	$\frac{1}{133}$	$\frac{67}{532}$	$\frac{465}{1064}$	$\frac{66}{133}$	$\Phi_{1064}^2\ \Phi_{152}^2\ \Phi_{133}\ \Phi_{56}^2\ \Phi_{19}\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{1}^2$
71501	1198	798	$\frac{1}{133}$	$\frac{199}{798}$	$\frac{67}{266}$	$\frac{66}{133}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{133}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{19}\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
71502	1198	720	$\frac{1}{120}$	$\frac{121}{720}$	$\frac{1}{3}$	$\frac{119}{240}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
71503	1198	1188	$\frac{5}{594}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{589}{1188}$	$\Phi_{1188}^2\ \Phi_{396}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
71504	1198	1188	$\frac{5}{594}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{589}{1188}$	$\Phi_{1188}^2\ \Phi_{396}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
71505	1198	1185	$\frac{13}{1185}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{586}{1185}$	$\Phi_{1185}\ \Phi_{395}\ \Phi_{237}\ \Phi_{79}\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
71506	1198	3552	$\frac{7}{592}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{585}{1184}$	$\Phi_{3552}\ \Phi_{96}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
71507	1198	3540	$\frac{9}{590}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{581}{1180}$	$\Phi_{3540}\ \Phi_{708}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
71508	1198	1134	$\frac{1}{63}$	$\frac{32}{567}$	$\frac{535}{1134}$	$\frac{31}{63}$	$\Phi_{1134}^2\ \Phi_{378}^2\ \Phi_{162}^2\ \Phi_{126}^2\ \Phi_{63}\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
71509	1198	756	$\frac{1}{63}$	$\frac{32}{189}$	$\frac{157}{756}$	$\frac{31}{63}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
71510	1198	1178	$\frac{10}{589}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{579}{1178}$	$\Phi_{1178}^2\ \Phi_{62}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{2}^2\ \Phi_{1}^2$
71511	1198	1140	$\frac{1}{57}$	$\frac{29}{570}$	$\frac{541}{1140}$	$\frac{28}{57}$	$\Phi_{1140}^2\ \Phi_{380}^2\ \Phi_{228}^2\ \Phi_{76}^2\ \Phi_{60}^2\ \Phi_{57}\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
71512	1198	855	$\frac{1}{57}$	$\frac{29}{285}$	$\frac{256}{855}$	$\frac{28}{57}$	$\Phi_{855}^2\ \Phi_{171}^2\ \Phi_{57}\ \Phi_{45}^2\ \Phi_{19}\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
71513	1198	684	$\frac{1}{57}$	$\frac{85}{684}$	$\frac{29}{114}$	$\frac{28}{57}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}^2\ \Phi_{171}^2\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{36}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
71514	1198	1176	$\frac{11}{588}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{577}{1176}$	$\Phi_{1176}^2\ \Phi_{392}^2\ \Phi_{168}^2\ \Phi_{56}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^2$
71515	1198	1176	$\frac{11}{588}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{577}{1176}$	$\Phi_{1176}^2\ \Phi_{392}^2\ \Phi_{168}^2\ \Phi_{56}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
71516	1198	1176	$\frac{11}{588}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{577}{1176}$	$\Phi_{1176}^2\ \Phi_{392}^2\ \Phi_{168}^2\ \Phi_{56}^2\ \Phi_{24}^2\ \Phi_{14}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{2}^2\ \Phi_{1}^2$
71517	1198	1170	$\frac{14}{585}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{571}{1170}$	$\Phi_{1170}^2\ \Phi_{390}^2\ \Phi_{234}^2\ \Phi_{130}^2\ \Phi_{90}^2\ \Phi_{78}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
71518	1198	1920	$\frac{1}{40}$	$\frac{41}{640}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
71519	1198	3480	$\frac{19}{580}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{561}{1160}$	$\Phi_{3480}\ \Phi_{696}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
71520	1198	1152	$\frac{23}{576}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{553}{1152}$	$\Phi_{1152}^2\ \Phi_{384}^2\ \Phi_{128}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
71521	1198	624	$\frac{25}{624}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
71522	1198	3450	$\frac{1}{25}$	$\frac{24}{575}$	$\frac{1}{3}$	$\frac{551}{1150}$	$\Phi_{3450}\ \Phi_{690}\ \Phi_{150}\ \Phi_{138}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
71523	1198	882	$\frac{11}{294}$	$\frac{1}{21}$	$\frac{283}{882}$	$\frac{10}{21}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^2$
71524	1198	630	$\frac{1}{21}$	$\frac{31}{630}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
71525	1198	735	$\frac{1}{21}$	$\frac{11}{147}$	$\frac{136}{735}$	$\frac{10}{21}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
71526	1198	672	$\frac{1}{21}$	$\frac{73}{672}$	$\frac{11}{84}$	$\frac{10}{21}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^2$
71527	1198	1140	$\frac{1}{30}$	$\frac{29}{570}$	$\frac{1}{3}$	$\frac{541}{1140}$	$\Phi_{1140}^2\ \Phi_{380}^2\ \Phi_{228}^2\ \Phi_{76}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
71528	1198	1140	$\frac{29}{570}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{541}{1140}$	$\Phi_{1140}^2\ \Phi_{380}^2\ \Phi_{228}^2\ \Phi_{76}^2\ \Phi_{60}^2\ \Phi_{38}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
71529	1198	1125	$\frac{2}{75}$	$\frac{73}{1125}$	$\frac{1}{3}$	$\frac{526}{1125}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{225}\ \Phi_{125}\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{9}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
71530	1198	3360	$\frac{1}{40}$	$\frac{39}{560}$	$\frac{1}{3}$	$\frac{521}{1120}$	$\Phi_{3360}\ \Phi_{672}\ \Phi_{480}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
71531	1198	3300	$\frac{1}{50}$	$\frac{49}{550}$	$\frac{1}{3}$	$\frac{501}{1100}$	$\Phi_{3300}\ \Phi_{660}\ \Phi_{300}\ \Phi_{150}\ \Phi_{132}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
71532	1198	1080	$\frac{1}{60}$	$\frac{59}{540}$	$\frac{1}{3}$	$\frac{481}{1080}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
71533	1198	891	$\frac{5}{297}$	$\frac{1}{9}$	$\frac{292}{891}$	$\frac{4}{9}$	$\Phi_{891}^2\ \Phi_{81}^2\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
71534	1198	612	$\frac{13}{612}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{36}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
71535	1198	792	$\frac{5}{198}$	$\frac{1}{9}$	$\frac{193}{792}$	$\frac{4}{9}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
71536	1198	621	$\frac{22}{621}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{621}^2\ \Phi_{207}^2\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
71537	1198	693	$\frac{5}{99}$	$\frac{1}{9}$	$\frac{94}{693}$	$\frac{4}{9}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_{9}\ \Phi_{7}^2\ \Phi_{3}\ \Phi_{1}^2$
71538	1198	648	$\frac{49}{648}$	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
71539	1198	1824	$\frac{9}{608}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}\ \Phi_{57}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
71540	1198	1064	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{67}{532}$	$\frac{465}{1064}$	$\Phi_{1064}^2\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{56}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
71541	1198	1050	$\frac{1}{75}$	$\frac{74}{525}$	$\frac{1}{3}$	$\frac{451}{1050}$	$\Phi_{1050}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
71542	1198	714	$\frac{4}{119}$	$\frac{1}{7}$	$\frac{115}{714}$	$\frac{3}{7}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{238}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{42}^2\ \Phi_{34}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^2$
71543	1198	630	$\frac{31}{630}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^2$
71544	1198	1008	$\frac{1}{63}$	$\frac{95}{504}$	$\frac{31}{126}$	$\frac{409}{1008}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{63}\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
71545	1198	3000	$\frac{1}{100}$	$\frac{99}{500}$	$\frac{1}{3}$	$\frac{401}{1000}$	$\Phi_{3000}\ \Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
71546	1198	616	$\frac{17}{616}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{616}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{88}^2\ \Phi_{77}^2\ \Phi_{56}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{2}^2\ \Phi_{1}^2$
71547	1198	756	$\frac{1}{63}$	$\frac{157}{756}$	$\frac{31}{126}$	$\frac{95}{252}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{63}\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
71548	1198	960	$\frac{1}{120}$	$\frac{119}{480}$	$\frac{1}{3}$	$\frac{361}{960}$	$\Phi_{960}^2\ \Phi_{320}^2\ \Phi_{192}^2\ \Phi_{120}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
71549	1198	945	$\frac{1}{63}$	$\frac{62}{315}$	$\frac{253}{945}$	$\frac{346}{945}$	$\Phi_{945}\ \Phi_{315}^2\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}^2\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
71550	1198	912	$\frac{1}{19}$	$\frac{9}{152}$	$\frac{143}{456}$	$\frac{313}{912}$	$\Phi_{912}^2\ \Phi_{304}^2\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{48}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
71551	1198	903	$\frac{6}{301}$	$\frac{1}{7}$	$\frac{295}{903}$	$\frac{304}{903}$	$\Phi_{903}\ \Phi_{301}^2\ \Phi_{129}\ \Phi_{43}^2\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^2$
71552	1198	900	$\frac{1}{150}$	$\frac{149}{450}$	$\frac{1}{3}$	$\frac{301}{900}$	$\Phi_{900}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
71553	1198	720	$\frac{1}{60}$	$\frac{121}{720}$	$\frac{59}{180}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
71554	1198	888	$\frac{7}{296}$	$\frac{1}{8}$	$\frac{289}{888}$	$\frac{1}{3}$	$\Phi_{888}\ \Phi_{444}\ \Phi_{296}^2\ \Phi_{222}\ \Phi_{148}^2\ \Phi_{111}\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
71555	1198	675	$\frac{2}{75}$	$\frac{76}{675}$	$\frac{73}{225}$	$\frac{1}{3}$	$\Phi_{675}^2\ \Phi_{225}\ \Phi_{135}^2\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{9}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
71556	1198	648	$\frac{1}{24}$	$\frac{49}{648}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
71557	1198	630	$\frac{31}{630}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
71558	1198	864	$\frac{1}{24}$	$\frac{23}{288}$	$\frac{265}{864}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
71559	1198	840	$\frac{1}{40}$	$\frac{39}{280}$	$\frac{241}{840}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
71560	1198	612	$\frac{13}{612}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{36}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
71561	1198	792	$\frac{5}{198}$	$\frac{1}{6}$	$\frac{193}{792}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
71562	1198	672	$\frac{1}{24}$	$\frac{73}{672}$	$\frac{23}{96}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
71563	1198	780	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{181}{780}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
71564	1198	768	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{169}{768}$	$\frac{1}{3}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}^2\ \Phi_{128}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
71565	1198	750	$\frac{2}{75}$	$\frac{73}{375}$	$\frac{151}{750}$	$\frac{1}{3}$	$\Phi_{750}^2\ \Phi_{375}\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{125}\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
71566	1198	2040	$\frac{4}{85}$	$\frac{81}{680}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{204}\ \Phi_{120}\ \Phi_{102}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
71567	1198	630	$\frac{31}{630}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
71568	1198	720	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{121}{720}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
71569	1198	648	$\frac{49}{648}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
71570	1198	660	$\frac{5}{66}$	$\frac{61}{660}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
71571	1198	672	$\frac{1}{12}$	$\frac{73}{672}$	$\frac{11}{84}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
71572	1198	882	$\frac{11}{294}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{283}{882}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
71573	1198	630	$\frac{31}{630}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
71574	1198	684	$\frac{1}{19}$	$\frac{85}{684}$	$\frac{9}{38}$	$\frac{29}{114}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}^2\ \Phi_{171}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{36}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
71575	1198	760	$\frac{1}{19}$	$\frac{29}{190}$	$\frac{161}{760}$	$\frac{9}{38}$	$\Phi_{760}^2\ \Phi_{380}^2\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{40}^2\ \Phi_{38}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
71576	1198	784	$\frac{11}{196}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{185}{784}$	$\Phi_{784}^2\ \Phi_{392}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
71577	1198	672	$\frac{73}{672}$	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
71578	1198	686	$\frac{11}{98}$	$\frac{87}{686}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{686}^2\ \Phi_{343}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
71579	1199	1080	$\frac{1}{108}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{107}{216}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}^3\ \Phi_{120}^2\ \Phi_{72}^3\ \Phi_{40}^2\ \Phi_{24}^3\ \Phi_{20}\ \Phi_8^3\ \Phi_4\ \Phi_1$
71580	1199	1080	$\frac{1}{108}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{107}{216}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}^3\ \Phi_{120}^2\ \Phi_{72}^3\ \Phi_{40}^2\ \Phi_{24}^3\ \Phi_{15}\ \Phi_8^3\ \Phi_3\ \Phi_1$
71581	1199	420	$\frac{4}{105}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{101}{210}$	$\Phi_{420}^3\ \Phi_{210}^2\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}^4\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_7^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
71582	1199	132	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{23}{132}$	$\frac{21}{44}$	$\Phi_{132}^9\ \Phi_{66}^9\ \Phi_{44}^{10}\ \Phi_{33}^9\ \Phi_{22}^9\ \Phi_{12}^8\ \Phi_{11}^9\ \Phi_6^8\ \Phi_4^9\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
71583	1199	600	$\frac{1}{12}$	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{200}$	$\Phi_{600}^4\ \Phi_{200}^3\ \Phi_{120}^4\ \Phi_{60}^2\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{24}^4\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
71584	1199	2220	$\frac{2}{111}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{2220}\ \Phi_{740}\ \Phi_{444}\ \Phi_{148}\ \Phi_{111}\ \Phi_{37}\ \Phi_{20}\ \Phi_4\ \Phi_1$
71585	1199	1620	$\frac{1}{54}$	$\frac{1}{10}$	$\frac{53}{162}$	$\frac{9}{20}$	$\Phi_{1620}^2\ \Phi_{324}^2\ \Phi_{162}\ \Phi_{81}\ \Phi_{20}\ \Phi_4\ \Phi_1$
71586	1199	560	$\frac{3}{112}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}^3\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4\ \Phi_1$
71587	1199	720	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{35}{144}$	$\frac{9}{20}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{144}^3\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{40}^2\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
71588	1199	540	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{26}{135}$	$\frac{9}{20}$	$\Phi_{540}^4\ \Phi_{180}^4\ \Phi_{135}\ \Phi_{108}^4\ \Phi_{60}^4\ \Phi_{45}\ \Phi_{36}^4\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{12}^4\ \Phi_5\ \Phi_4^5\ \Phi_1$
71589	1199	1140	$\frac{5}{114}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{1140}^2\ \Phi_{380}^2\ \Phi_{228}^2\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_4\ \Phi_1$
71590	1199	1260	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{17}{126}$	$\frac{9}{20}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{140}^2\ \Phi_{126}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
71591	1199	2340	$\frac{8}{117}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{156}\ \Phi_{117}\ \Phi_{52}\ \Phi_{39}\ \Phi_{20}\ \Phi_{13}\ \Phi_4\ \Phi_1$
71592	1199	120	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{120}^{11}\ \Phi_{60}^9\ \Phi_{40}^{11}\ \Phi_{30}^9\ \Phi_{24}^{11}\ \Phi_{20}^{10}\ \Phi_{15}^9\ \Phi_{12}^8\ \Phi_{10}^9\ \Phi_8^{11}\ \Phi_6^8\ \Phi_5^9\ \Phi_4^9\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
71593	1199	396	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{198}$	$\Phi_{396}^3\ \Phi_{198}^2\ \Phi_{132}^4\ \Phi_{99}^3\ \Phi_{66}^3\ \Phi_{44}^4\ \Phi_{36}^3\ \Phi_{33}^4\ \Phi_{22}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_9^3\ \Phi_6^2\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
71594	1199	990	$\frac{1}{110}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}^2\ \Phi_{198}\ \Phi_{165}^2\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
71595	1199	528	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{21}{88}$	$\frac{67}{176}$	$\Phi_{528}^4\ \Phi_{176}^3\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{48}^4\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
71596	1199	880	$\frac{1}{110}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{880}^2\ \Phi_{220}^2\ \Phi_{176}^2\ \Phi_{110}\ \Phi_{80}^2\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
71597	1199	555	$\frac{2}{111}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{555}^2\ \Phi_{185}^2\ \Phi_{111}^3\ \Phi_{37}^3\ \Phi_{15}\ \Phi_3\ \Phi_1$
71598	1199	810	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{53}{162}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{162}^3\ \Phi_{81}^3\ \Phi_{15}\ \Phi_3\ \Phi_1$
71599	1199	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{23}{132}$	$\frac{10}{33}$	$\Phi_{132}^9\ \Phi_{66}^9\ \Phi_{44}^9\ \Phi_{33}^{10}\ \Phi_{22}^9\ \Phi_{12}^8\ \Phi_{11}^9\ \Phi_6^8\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
71600	1199	300	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{150}$	$\Phi_{300}^4\ \Phi_{150}^3\ \Phi_{100}^4\ \Phi_{75}^3\ \Phi_{60}^6\ \Phi_{50}^4\ \Phi_{30}^5\ \Phi_{25}^4\ \Phi_{20}^6\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
71601	1199	1680	$\frac{3}{112}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_3\ \Phi_1$
71602	1199	720	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{35}{144}$	$\frac{4}{15}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{144}^3\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{40}^2\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{15}\ \Phi_8^3\ \Phi_3\ \Phi_1$
71603	1199	135	$\frac{1}{27}$	$\frac{26}{135}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{135}^9\ \Phi_{45}^9\ \Phi_{27}^8\ \Phi_{15}^{10}\ \Phi_9^8\ \Phi_5^9\ \Phi_3^9\ \Phi_1^9$
71604	1199	570	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{570}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{114}^3\ \Phi_{95}^2\ \Phi_{57}^3\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_{15}\ \Phi_3\ \Phi_1$
71605	1199	630	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^3\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_{15}\ \Phi_{14}^3\ \Phi_7^3\ \Phi_3\ \Phi_1$
71606	1199	585	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{117}^3\ \Phi_{65}^2\ \Phi_{39}^3\ \Phi_{15}\ \Phi_{13}^3\ \Phi_3\ \Phi_1$
71607	1199	120	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{120}^{11}\ \Phi_{60}^9\ \Phi_{40}^{11}\ \Phi_{30}^9\ \Phi_{24}^{11}\ \Phi_{20}^9\ \Phi_{15}^{10}\ \Phi_{12}^8\ \Phi_{10}^9\ \Phi_8^{11}\ \Phi_6^8\ \Phi_5^9\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
71608	1199	420	$\frac{1}{12}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{140}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^2\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}^4\ \Phi_{42}^3\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
71609	1200	897	$\frac{1}{299}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{149}{299}$	$\Phi_{897}\ \Phi_{299}^2\ \Phi_{69}\ \Phi_{39}\ \Phi_{23}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
71610	1200	1199	$\frac{5}{1199}$	$\frac{301}{1199}$	$\frac{449}{1199}$	$\frac{597}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71611	1200	1912	$\frac{1}{239}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{119}{239}$	$\Phi_{1912}\ \Phi_{239}\ \Phi_8^2\ \Phi_1^2$
71612	1200	1803	$\frac{3}{601}$	$\frac{151}{601}$	$\frac{1}{3}$	$\frac{299}{601}$	Φ_{1803}
71613	1200	995	$\frac{1}{199}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{99}{199}$	$\Phi_{995}\ \Phi_{199}^2\ \Phi_5^2\ \Phi_1^4$
71614	1200	2388	$\frac{1}{199}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{99}{199}$	$\Phi_{2388}\ \Phi_{1194}\ \Phi_{12}^2\ \Phi_6^2$
71615	1200	1199	$\frac{7}{1199}$	$\frac{201}{1199}$	$\frac{499}{1199}$	$\frac{596}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71616	1200	1043	$\frac{1}{149}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{74}{149}$	$\Phi_{1043}\ \Phi_{149}^2\ \Phi_7^2\ \Phi_1^4$
71617	1200	2235	$\frac{1}{149}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{74}{149}$	$\Phi_{2235}\ \Phi_{15}^2$
71618	1200	1604	$\frac{3}{401}$	$\frac{1}{4}$	$\frac{101}{401}$	$\frac{199}{401}$	$\Phi_{1604}\ \Phi_{802}$
71619	1200	1199	$\frac{9}{1199}$	$\frac{151}{1199}$	$\frac{524}{1199}$	$\frac{595}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
71620	1200	1199	$\frac{9}{1199}$	$\frac{299}{1199}$	$\frac{302}{1199}$	$\frac{595}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
71621	1200	1803	$\frac{5}{601}$	$\frac{101}{601}$	$\frac{1}{3}$	$\frac{298}{601}$	Φ_{1803}
71622	1200	1071	$\frac{1}{119}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{59}{119}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}\ \Phi_{119}^{2}\ \Phi_{63}\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
71623	1200	714	$\frac{1}{119}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{59}{119}$	$\Phi_{714}^{2}\ \Phi_{357}\ \Phi_{238}^{2}\ \Phi_{119}^{2}\ \Phi_{102}^{2}\ \Phi_{51}\ \Phi_{42}^{2}\ \Phi_{34}^{2}\ \Phi_{21}\ \Phi_{17}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
71624	1200	109	$\frac{1}{109}$	$\frac{11}{109}$	$\frac{49}{109}$	$\frac{54}{109}$	$\Phi_{109}^{11}\ \Phi_{1}^{12}$
71625	1200	1505	$\frac{3}{301}$	$\frac{1}{5}$	$\frac{76}{301}$	$\frac{149}{301}$	$\Phi_{1505}\ \Phi_{215}\ \Phi_{35}$
71626	1200	99	$\frac{1}{99}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{49}{99}$	$\Phi_{99}^{12}\ \Phi_{33}^{12}\ \Phi_{11}^{13}\ \Phi_{9}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{14}$
71627	1200	693	$\frac{1}{99}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{49}{99}$	$\Phi_{693}^{2}\ \Phi_{231}^{2}\ \Phi_{77}^{2}\ \Phi_{63}^{2}\ \Phi_{21}^{3}\ \Phi_{7}^{2}$
71628	1200	99	$\frac{1}{99}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{49}{99}$	$\Phi_{99}^{12}\ \Phi_{33}^{12}\ \Phi_{11}^{13}\ \Phi_{9}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{14}$
71629	1200	1980	$\frac{1}{99}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{49}{99}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{110}\ \Phi_{90}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
71630	1200	1199	$\frac{13}{1199}$	$\frac{101}{1199}$	$\frac{549}{1199}$	$\frac{593}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
71631	1200	1199	$\frac{13}{1199}$	$\frac{224}{1199}$	$\frac{303}{1199}$	$\frac{593}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
71632	1200	1803	$\frac{7}{601}$	$\frac{76}{601}$	$\frac{1}{3}$	$\frac{297}{601}$	Φ_{1803}
71633	1200	1446	$\frac{3}{241}$	$\frac{1}{6}$	$\frac{61}{241}$	$\frac{119}{241}$	$\Phi_{1446}\ \Phi_{723}\ \Phi_{482}$
71634	1200	2212	$\frac{1}{79}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{39}{79}$	$\Phi_{2212}\ \Phi_{316}\ \Phi_{79}\ \Phi_{28}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
71635	1200	553	$\frac{1}{79}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{39}{79}$	$\Phi_{553}^{2}\ \Phi_{79}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
71636	1200	948	$\frac{1}{79}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{39}{79}$	$\Phi_{948}^{2}\ \Phi_{474}\ \Phi_{316}\ \Phi_{237}\ \Phi_{79}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
71637	1200	2220	$\frac{1}{74}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{73}{148}$	$\Phi_{2220}\ \Phi_{740}\ \Phi_{444}\ \Phi_{148}^{2}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
71638	1200	1332	$\frac{1}{74}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{73}{148}$	$\Phi_{1332}^{2}\ \Phi_{444}\ \Phi_{148}^{2}\ \Phi_{36}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
71639	1200	740	$\frac{1}{74}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{73}{148}$	$\Phi_{740}^{3}\ \Phi_{148}^{4}\ \Phi_{20}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
71640	1200	1199	$\frac{17}{1199}$	$\frac{152}{1199}$	$\frac{349}{1199}$	$\frac{591}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
71641	1200	1199	$\frac{17}{1199}$	$\frac{179}{1199}$	$\frac{304}{1199}$	$\frac{591}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
71642	1200	469	$\frac{1}{67}$	$\frac{1}{7}$	$\frac{17}{67}$	$\frac{33}{67}$	$\Phi_{469}^{3}\ \Phi_{7}^{2}$
71643	1200	1803	$\frac{9}{601}$	$\frac{61}{601}$	$\frac{1}{3}$	$\frac{296}{601}$	Φ_{1803}
71644	1200	1199	$\frac{19}{1199}$	$\frac{203}{1199}$	$\frac{249}{1199}$	$\frac{590}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
71645	1200	1505	$\frac{5}{301}$	$\frac{51}{301}$	$\frac{1}{5}$	$\frac{148}{301}$	$\Phi_{1505}\ \Phi_{215}\ \Phi_{35}$
71646	1200	1121	$\frac{1}{59}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{29}{59}$	$\Phi_{1121}\ \Phi_{59}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
71647	1200	1947	$\frac{1}{59}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{29}{59}$	$\Phi_{1947}\ \Phi_{33}^{2}$
71648	1200	1121	$\frac{1}{59}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{29}{59}$	$\Phi_{1121}\ \Phi_{59}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
71649	1200	1770	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{29}{59}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{590}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
71650	1200	1604	$\frac{7}{401}$	$\frac{51}{401}$	$\frac{1}{4}$	$\frac{197}{401}$	$\Phi_{1604}\ \Phi_{802}$
71651	1200	1199	$\frac{21}{1199}$	$\frac{61}{1199}$	$\frac{569}{1199}$	$\frac{589}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
71652	1200	1199	$\frac{21}{1199}$	$\frac{122}{1199}$	$\frac{359}{1199}$	$\frac{589}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
71653	1200	1199	$\frac{21}{1199}$	$\frac{149}{1199}$	$\frac{305}{1199}$	$\frac{589}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
71654	1200	1803	$\frac{11}{601}$	$\frac{51}{601}$	$\frac{1}{3}$	$\frac{295}{601}$	Φ_{1803}
71655	1200	1127	$\frac{1}{49}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{24}{49}$	$\Phi_{1127}\ \Phi_{161}\ \Phi_{49}^{2}\ \Phi_{23}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
71656	1200	1911	$\frac{1}{49}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{1911}\ \Phi_{273}\ \Phi_{39}^{2}$
71657	1200	1127	$\frac{1}{49}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{24}{49}$	$\Phi_{1127}\ \Phi_{161}\ \Phi_{49}^{2}\ \Phi_{23}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
71658	1200	1764	$\frac{1}{49}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{24}{49}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{294}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
71659	1200	1127	$\frac{1}{49}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{24}{49}$	$\Phi_{1127}\ \Phi_{161}\ \Phi_{49}^2\ \Phi_{23}^2\ \Phi_7^2\ \Phi_1^4$
71660	1200	245	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{24}{49}$	$\Phi_{245}^6\ \Phi_{35}^7\ \Phi_5^6$
71661	1200	1446	$\frac{5}{241}$	$\frac{1}{6}$	$\frac{41}{241}$	$\frac{118}{241}$	$\Phi_{1446}\ \Phi_{723}\ \Phi_{482}$
71662	1200	1199	$\frac{25}{1199}$	$\frac{51}{1199}$	$\frac{574}{1199}$	$\frac{587}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71663	1200	1199	$\frac{25}{1199}$	$\frac{199}{1199}$	$\frac{204}{1199}$	$\frac{587}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71664	1200	2256	$\frac{1}{47}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{23}{47}$	$\Phi_{2256}\ \Phi_{752}\ \Phi_{48}^2\ \Phi_{47}\ \Phi_{16}^2\ \Phi_1^2$
71665	1200	1269	$\frac{1}{47}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{1269}\ \Phi_{423}\ \Phi_{47}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_1^2$
71666	1200	1692	$\frac{1}{47}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{23}{47}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{423}\ \Phi_{47}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
71667	1200	1316	$\frac{1}{47}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{23}{47}$	$\Phi_{1316}\ \Phi_{658}\ \Phi_{329}\ \Phi_{47}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
71668	1200	1504	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{23}{47}$	$\Phi_{1504}\ \Phi_{752}\ \Phi_{47}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_1^2$
71669	1200	282	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{23}{47}$	$\Phi_{282}^4\ \Phi_{141}^4\ \Phi_{94}^4\ \Phi_{47}^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
71670	1200	1604	$\frac{9}{401}$	$\frac{41}{401}$	$\frac{1}{4}$	$\frac{196}{401}$	$\Phi_{1604}\ \Phi_{802}$
71671	1200	430	$\frac{1}{43}$	$\frac{11}{86}$	$\frac{1}{5}$	$\frac{21}{43}$	$\Phi_{430}^4\ \Phi_{215}^3\ \Phi_{10}^4\ \Phi_5^2$
71672	1200	121	$\frac{3}{121}$	$\frac{1}{11}$	$\frac{31}{121}$	$\frac{59}{121}$	$\Phi_{121}^{10}\ \Phi_{11}^9\ \Phi_1^{10}$
71673	1200	1131	$\frac{1}{39}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{19}{39}$	$\Phi_{1131}\ \Phi_{377}\ \Phi_{87}\ \Phi_{39}^2\ \Phi_{29}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
71674	1200	624	$\frac{1}{39}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{48}^3\ \Phi_{26}^2\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
71675	1200	1131	$\frac{1}{39}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{19}{39}$	$\Phi_{1131}\ \Phi_{377}\ \Phi_{87}\ \Phi_{39}^2\ \Phi_{29}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
71676	1200	1716	$\frac{1}{39}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{19}{39}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{286}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{22}^2$
71677	1200	1131	$\frac{1}{39}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{19}{39}$	$\Phi_{1131}\ \Phi_{377}\ \Phi_{87}\ \Phi_{39}^2\ \Phi_{29}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
71678	1200	546	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{19}{39}$	$\Phi_{546}^3\ \Phi_{273}^2\ \Phi_{182}^3\ \Phi_{91}^2\ \Phi_{42}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^2$
71679	1200	1199	$\frac{31}{1199}$	$\frac{41}{1199}$	$\frac{579}{1199}$	$\frac{584}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71680	1200	1199	$\frac{31}{1199}$	$\frac{123}{1199}$	$\frac{269}{1199}$	$\frac{584}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71681	1200	109	$\frac{3}{109}$	$\frac{7}{109}$	$\frac{34}{109}$	$\frac{53}{109}$	$\Phi_{109}^{11}\ \Phi_1^{12}$
71682	1200	109	$\frac{3}{109}$	$\frac{14}{109}$	$\frac{19}{109}$	$\frac{53}{109}$	$\Phi_{109}^{11}\ \Phi_1^{12}$
71683	1200	1446	$\frac{7}{241}$	$\frac{31}{241}$	$\frac{1}{6}$	$\frac{117}{241}$	$\Phi_{1446}\ \Phi_{723}\ \Phi_{482}$
71684	1200	1313	$\frac{3}{101}$	$\frac{1}{13}$	$\frac{26}{101}$	$\frac{49}{101}$	Φ_{1313}
71685	1200	1505	$\frac{9}{301}$	$\frac{31}{301}$	$\frac{1}{5}$	$\frac{146}{301}$	$\Phi_{1505}\ \Phi_{215}\ \Phi_{35}$
71686	1200	1199	$\frac{37}{1199}$	$\frac{89}{1199}$	$\frac{309}{1199}$	$\frac{581}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71687	1200	1199	$\frac{37}{1199}$	$\frac{103}{1199}$	$\frac{274}{1199}$	$\frac{581}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71688	1200	1803	$\frac{19}{601}$	$\frac{31}{601}$	$\frac{1}{3}$	$\frac{291}{601}$	Φ_{1803}
71689	1200	1359	$\frac{5}{151}$	$\frac{1}{9}$	$\frac{26}{151}$	$\frac{73}{151}$	$\Phi_{1359}\ \Phi_{453}$
71690	1200	1199	$\frac{41}{1199}$	$\frac{62}{1199}$	$\frac{379}{1199}$	$\frac{579}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71691	1200	1199	$\frac{41}{1199}$	$\frac{124}{1199}$	$\frac{215}{1199}$	$\frac{579}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71692	1200	1199	$\frac{41}{1199}$	$\frac{155}{1199}$	$\frac{174}{1199}$	$\frac{579}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71693	1200	609	$\frac{1}{29}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{609}^2\ \Phi_{203}^2\ \Phi_{87}\ \Phi_{29}^2\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
71694	1200	377	$\frac{1}{29}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{14}{29}$	$\Phi_{377}^3\ \Phi_{29}^4\ \Phi_{13}^6\ \Phi_1^8$
71695	1200	1595	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{14}{29}$	$\Phi_{1595}\ \Phi_{55}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
71696	1200	1131	$\frac{1}{29}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{14}{29}$	$\Phi_{1131}\ \Phi_{377}\ \Phi_{87}\ \Phi_{39}^2\ \Phi_{29}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
71697	1200	522	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{14}{29}$	$\Phi_{522}^3\ \Phi_{261}^2\ \Phi_{174}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{18}^6\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
71698	1200	1407	$\frac{7}{201}$	$\frac{26}{201}$	$\frac{1}{7}$	$\frac{97}{201}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{21}$
71699	1200	1199	$\frac{43}{1199}$	$\frac{124}{1199}$	$\frac{207}{1199}$	$\frac{578}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71700	1200	1505	$\frac{11}{301}$	$\frac{26}{301}$	$\frac{1}{5}$	$\frac{145}{301}$	$\Phi_{1505}\ \Phi_{215}\ \Phi_{35}$
71701	1200	432	$\frac{1}{27}$	$\frac{1}{16}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
71702	1200	1446	$\frac{9}{241}$	$\frac{25}{241}$	$\frac{1}{6}$	$\frac{116}{241}$	$\Phi_{1446}\ \Phi_{723}\ \Phi_{482}$
71703	1200	1604	$\frac{15}{401}$	$\frac{26}{401}$	$\frac{1}{4}$	$\frac{193}{401}$	$\Phi_{1604}\ \Phi_{802}$
71704	1200	1199	$\frac{45}{1199}$	$\frac{74}{1199}$	$\frac{311}{1199}$	$\frac{577}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71705	1200	1803	$\frac{23}{601}$	$\frac{26}{601}$	$\frac{1}{3}$	$\frac{289}{601}$	Φ_{1803}
71706	1200	77	$\frac{3}{77}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{37}{77}$	$\Phi_{77}^{15}\ \Phi_{11}^{19}\ \Phi_7^{15}\ \Phi_1^{20}$
71707	1200	1199	$\frac{49}{1199}$	$\frac{104}{1199}$	$\frac{219}{1199}$	$\frac{575}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71708	1200	121	$\frac{5}{121}$	$\frac{1}{11}$	$\frac{21}{121}$	$\frac{58}{121}$	$\Phi_{121}^{10}\ \Phi_{11}^9\ \Phi_1^{10}$
71709	1200	1200	$\frac{1}{25}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{1200}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{80}^2\ \Phi_{75}\ \Phi_{15}$
71710	1200	2256	$\frac{1}{24}$	$\frac{2}{47}$	$\frac{15}{47}$	$\frac{23}{48}$	$\Phi_{2256}\ \Phi_{752}\ \Phi_{48}^2\ \Phi_{47}\ \Phi_{16}^2\ \Phi_1^2$
71711	1200	816	$\frac{1}{24}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{816}^3\ \Phi_{272}^3\ \Phi_{68}\ \Phi_{34}$
71712	1200	2256	$\frac{1}{24}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{23}{48}$	$\Phi_{2256}\ \Phi_{752}\ \Phi_{48}^2\ \Phi_{47}\ \Phi_{16}^2\ \Phi_1^2$
71713	1200	3120	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{65}$
71714	1200	2256	$\frac{1}{24}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{23}{48}$	$\Phi_{2256}\ \Phi_{752}\ \Phi_{48}^2\ \Phi_{47}\ \Phi_{16}^2\ \Phi_1^2$
71715	1200	1008	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{23}{48}$	$\Phi_{1008}^3\ \Phi_{336}^2\ \Phi_{112}^2\ \Phi_{63}\ \Phi_{21}$
71716	1200	1199	$\frac{51}{1199}$	$\frac{125}{1199}$	$\frac{179}{1199}$	$\frac{574}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71717	1200	1794	$\frac{1}{26}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{1794}\ \Phi_{897}\ \Phi_{138}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_6^2$
71718	1200	1127	$\frac{1}{23}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{11}{23}$	$\Phi_{1127}\ \Phi_{161}\ \Phi_{49}^2\ \Phi_{23}^2\ \Phi_7^2\ \Phi_1^4$
71719	1200	1518	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{11}{23}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2$
71720	1200	644	$\frac{1}{23}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{11}{23}$	$\Phi_{644}^2\ \Phi_{322}^2\ \Phi_{161}\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{28}^4\ \Phi_{23}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
71721	1200	469	$\frac{3}{67}$	$\frac{7}{67}$	$\frac{1}{7}$	$\frac{32}{67}$	$\Phi_{469}^3\ \Phi_7^2$
71722	1200	1446	$\frac{11}{241}$	$\frac{21}{241}$	$\frac{1}{6}$	$\frac{115}{241}$	$\Phi_{1446}\ \Phi_{723}\ \Phi_{482}$
71723	1200	109	$\frac{5}{109}$	$\frac{9}{109}$	$\frac{19}{109}$	$\frac{52}{109}$	$\Phi_{109}^{11}\ \Phi_1^{12}$
71724	1200	1604	$\frac{19}{401}$	$\frac{21}{401}$	$\frac{1}{4}$	$\frac{191}{401}$	$\Phi_{1604}\ \Phi_{802}$
71725	1200	1199	$\frac{57}{1199}$	$\frac{59}{1199}$	$\frac{314}{1199}$	$\frac{571}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71726	1200	1803	$\frac{21}{601}$	$\frac{29}{601}$	$\frac{1}{3}$	$\frac{286}{601}$	Φ_{1803}
71727	1200	1281	$\frac{1}{21}$	$\frac{3}{61}$	$\frac{16}{61}$	$\frac{29}{61}$	$\Phi_{1281}\ \Phi_{427}\ \Phi_{183}$
71728	1200	1199	$\frac{61}{1199}$	$\frac{63}{1199}$	$\frac{284}{1199}$	$\frac{569}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71729	1200	1767	$\frac{1}{31}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{1767}\ \Phi_{93}^2$
71730	1200	1121	$\frac{2}{59}$	$\frac{1}{19}$	$\frac{19}{59}$	$\frac{9}{19}$	$\Phi_{1121}\ \Phi_{59}^2\ \Phi_{19}^2\ \Phi_1^4$
71731	1200	1596	$\frac{1}{21}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{266}\ \Phi_{228}\ \Phi_{114}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_6^2$
71732	1200	1121	$\frac{3}{59}$	$\frac{1}{19}$	$\frac{14}{59}$	$\frac{9}{19}$	$\Phi_{1121}\ \Phi_{59}^2\ \Phi_{19}^2\ \Phi_1^4$
71733	1200	1520	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
71734	1200	1121	$\frac{1}{19}$	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{9}{19}$	$\Phi_{1121}\ \Phi_{59}^2\ \Phi_{19}^2\ \Phi_1^4$
71735	1200	1482	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{494}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2$
71736	1200	1121	$\frac{1}{19}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{9}{19}$	$\Phi_{1121}\ \Phi_{59}^2\ \Phi_{19}^2\ \Phi_1^4$
71737	1200	1463	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{9}{19}$	$\Phi_{1463}\ \Phi_{77}^2$
71738	1200	1199	$\frac{65}{1199}$	$\frac{79}{1199}$	$\frac{224}{1199}$	$\frac{567}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71739	1200	121	$\frac{7}{121}$	$\frac{1}{11}$	$\frac{16}{121}$	$\frac{57}{121}$	$\Phi_{121}^{10}\ \Phi_{11}^9\ \Phi_1^{10}$
71740	1200	850	$\frac{1}{25}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{850}^2\ \Phi_{425}\ \Phi_{170}^2\ \Phi_{85}\ \Phi_{50}^2\ \Phi_{10}^2$
71741	1200	1199	$\frac{71}{1199}$	$\frac{127}{1199}$	$\frac{134}{1199}$	$\frac{564}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71742	1200	1359	$\frac{9}{151}$	$\frac{16}{151}$	$\frac{1}{9}$	$\frac{71}{151}$	$\Phi_{1359}\ \Phi_{453}$
71743	1200	1199	$\frac{73}{1199}$	$\frac{104}{1199}$	$\frac{159}{1199}$	$\frac{563}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71744	1200	1274	$\frac{1}{26}$	$\frac{3}{49}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{1274}\ \Phi_{637}\ \Phi_{182}\ \Phi_{98}\ \Phi_{91}\ \Phi_{14}$
71745	1200	1446	$\frac{15}{241}$	$\frac{16}{241}$	$\frac{1}{6}$	$\frac{113}{241}$	$\Phi_{1446}\ \Phi_{723}\ \Phi_{482}$
71746	1200	1505	$\frac{16}{301}$	$\frac{19}{301}$	$\frac{1}{5}$	$\frac{141}{301}$	$\Phi_{1505}\ \Phi_{215}\ \Phi_{35}$
71747	1200	109	$\frac{4}{109}$	$\frac{7}{109}$	$\frac{29}{109}$	$\frac{51}{109}$	$\Phi_{109}^{11}\ \Phi_1^{12}$
71748	1200	1803	$\frac{16}{601}$	$\frac{39}{601}$	$\frac{1}{3}$	$\frac{281}{601}$	Φ_{1803}
71749	1200	555	$\frac{1}{37}$	$\frac{1}{15}$	$\frac{12}{37}$	$\frac{7}{15}$	$\Phi_{555}^2\ \Phi_{185}^2\ \Phi_{111}^2\ \Phi_{37}^4\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^6$
71750	1200	780	$\frac{1}{26}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{780}^2\ \Phi_{390}\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}^4\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{12}\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
71751	1200	555	$\frac{2}{37}$	$\frac{1}{15}$	$\frac{7}{37}$	$\frac{7}{15}$	$\Phi_{555}^2\ \Phi_{185}^2\ \Phi_{111}^2\ \Phi_{37}^4\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^6$
71752	1200	240	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{60}^5\ \Phi_{48}^7\ \Phi_{40}^5\ \Phi_{30}^2\ \Phi_{24}^7\ \Phi_{20}^5\ \Phi_{16}^6\ \Phi_{15}^3\ \Phi_{12}^7\ \Phi_{10}^2\ \Phi_8^6\ \Phi_6^3\ \Phi_5^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
71753	1200	1199	$\frac{32}{1199}$	$\frac{81}{1199}$	$\frac{389}{1199}$	$\frac{559}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71754	1200	1199	$\frac{64}{1199}$	$\frac{81}{1199}$	$\frac{227}{1199}$	$\frac{559}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71755	1200	3444	$\frac{1}{41}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{3444}\ \Phi_{492}\ \Phi_{123}$
71756	1200	2212	$\frac{3}{79}$	$\frac{1}{14}$	$\frac{19}{79}$	$\frac{13}{28}$	$\Phi_{2212}\ \Phi_{316}\ \Phi_{79}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
71757	1200	420	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{420}^7\ \Phi_{140}^6\ \Phi_{105}\ \Phi_{60}^7\ \Phi_{35}\ \Phi_{20}^6\ \Phi_{15}$
71758	1200	2212	$\frac{4}{79}$	$\frac{1}{14}$	$\frac{15}{79}$	$\frac{13}{28}$	$\Phi_{2212}\ \Phi_{316}\ \Phi_{79}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
71759	1200	1428	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{1428}^2\ \Phi_{476}\ \Phi_{204}^2\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
71760	1200	2212	$\frac{1}{14}$	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{13}{28}$	$\Phi_{2212}\ \Phi_{316}\ \Phi_{79}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
71761	1200	2772	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{13}{28}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{132}\ \Phi_{99}\ \Phi_{33}$
71762	1200	1271	$\frac{1}{31}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	Φ_{1271}
71763	1200	121	$\frac{9}{121}$	$\frac{1}{11}$	$\frac{13}{121}$	$\frac{56}{121}$	$\Phi_{121}^{10}\ \Phi_{11}^9\ \Phi_1^{10}$
71764	1200	1199	$\frac{43}{1199}$	$\frac{91}{1199}$	$\frac{289}{1199}$	$\frac{554}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71765	1200	1199	$\frac{91}{1199}$	$\frac{107}{1199}$	$\frac{129}{1199}$	$\frac{554}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71766	1200	1446	$\frac{13}{241}$	$\frac{19}{241}$	$\frac{1}{6}$	$\frac{111}{241}$	$\Phi_{1446}\ \Phi_{723}\ \Phi_{482}$
71767	1200	1199	$\frac{35}{1199}$	$\frac{97}{1199}$	$\frac{324}{1199}$	$\frac{551}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71768	1200	1199	$\frac{54}{1199}$	$\frac{97}{1199}$	$\frac{229}{1199}$	$\frac{551}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71769	1200	1803	$\frac{13}{601}$	$\frac{49}{601}$	$\frac{1}{3}$	$\frac{276}{601}$	Φ_{1803}
71770	1200	1281	$\frac{1}{21}$	$\frac{5}{61}$	$\frac{11}{61}$	$\frac{28}{61}$	$\Phi_{1281}\ \Phi_{427}\ \Phi_{183}$
71771	1200	1199	$\frac{26}{1199}$	$\frac{101}{1199}$	$\frac{391}{1199}$	$\frac{549}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
71772	1200	1199	$\frac{65}{1199}$	$\frac{101}{1199}$	$\frac{189}{1199}$	$\frac{549}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
71773	1200	1296	$\frac{1}{16}$	$\frac{7}{81}$	$\frac{11}{81}$	$\frac{37}{81}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
71774	1200	1313	$\frac{1}{13}$	$\frac{9}{101}$	$\frac{11}{101}$	$\frac{46}{101}$	Φ_{1313}
71775	1200	561	$\frac{1}{51}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{561}^{2}\ \Phi_{187}^{2}\ \Phi_{51}^{4}\ \Phi_{33}\ \Phi_{17}^{4}\ \Phi_{11}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
71776	1200	297	$\frac{2}{99}$	$\frac{1}{11}$	$\frac{97}{297}$	$\frac{5}{11}$	$\Phi_{297}^{6}\ \Phi_{27}^{6}\ \Phi_{11}\ \Phi_{1}^{2}$
71777	1200	77	$\frac{2}{77}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{77}^{16}\ \Phi_{11}^{13}\ \Phi_{7}^{16}\ \Phi_{1}^{14}$
71778	1200	33	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{8}{33}$	$\frac{5}{11}$	$\Phi_{33}^{36}\ \Phi_{11}^{37}\ \Phi_{3}^{36}\ \Phi_{1}^{38}$
71779	1200	1430	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{1430}\ \Phi_{715}\ \Phi_{130}^{2}\ \Phi_{110}\ \Phi_{65}^{2}\ \Phi_{10}^{2}$
71780	1200	99	$\frac{4}{99}$	$\frac{1}{11}$	$\frac{19}{99}$	$\frac{5}{11}$	$\Phi_{99}^{12}\ \Phi_{33}^{12}\ \Phi_{11}^{13}\ \Phi_{9}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{14}$
71781	1200	209	$\frac{9}{209}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{209}^{6}\ \Phi_{19}^{6}\ \Phi_{11}\ \Phi_{1}^{2}$
71782	1200	462	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{462}^{3}\ \Phi_{231}^{2}\ \Phi_{154}^{3}\ \Phi_{77}^{2}\ \Phi_{66}^{2}\ \Phi_{42}^{6}\ \Phi_{33}\ \Phi_{22}^{2}\ \Phi_{21}^{4}\ \Phi_{14}^{6}\ \Phi_{11}^{2}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
71783	1200	231	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{31}{231}$	$\frac{5}{11}$	$\Phi_{231}^{6}\ \Phi_{77}^{6}\ \Phi_{21}^{6}\ \Phi_{11}\ \Phi_{7}^{6}\ \Phi_{1}^{2}$
71784	1200	297	$\frac{2}{27}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{11}$	$\Phi_{297}^{4}\ \Phi_{99}^{3}\ \Phi_{33}^{3}\ \Phi_{27}^{8}\ \Phi_{11}^{4}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
71785	1200	11	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{11}^{109}\ \Phi_{1}^{110}$
71786	1200	1199	$\frac{89}{1199}$	$\frac{111}{1199}$	$\frac{131}{1199}$	$\frac{544}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
71787	1200	1199	$\frac{69}{1199}$	$\frac{113}{1199}$	$\frac{164}{1199}$	$\frac{543}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
71788	1200	1407	$\frac{11}{201}$	$\frac{19}{201}$	$\frac{1}{7}$	$\frac{91}{201}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{21}$
71789	1200	1446	$\frac{11}{241}$	$\frac{23}{241}$	$\frac{1}{6}$	$\frac{109}{241}$	$\Phi_{1446}\ \Phi_{723}\ \Phi_{482}$
71790	1200	1199	$\frac{49}{1199}$	$\frac{115}{1199}$	$\frac{219}{1199}$	$\frac{542}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
71791	1200	1505	$\frac{11}{301}$	$\frac{29}{301}$	$\frac{1}{5}$	$\frac{136}{301}$	$\Phi_{1505}\ \Phi_{215}\ \Phi_{35}$
71792	1200	1604	$\frac{11}{401}$	$\frac{39}{401}$	$\frac{1}{4}$	$\frac{181}{401}$	$\Phi_{1604}\ \Phi_{802}$
71793	1200	1199	$\frac{29}{1199}$	$\frac{117}{1199}$	$\frac{329}{1199}$	$\frac{541}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
71794	1200	1803	$\frac{11}{601}$	$\frac{59}{601}$	$\frac{1}{3}$	$\frac{271}{601}$	Φ_{1803}
71795	1200	109	$\frac{4}{109}$	$\frac{11}{109}$	$\frac{21}{109}$	$\frac{49}{109}$	$\Phi_{109}^{11}\ \Phi_{1}^{12}$
71796	1200	109	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{11}{109}$	$\frac{49}{109}$	$\Phi_{109}^{11}\ \Phi_{1}^{12}$
71797	1200	363	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{37}{363}$	$\frac{163}{363}$	$\Phi_{363}^{3}\ \Phi_{121}^{4}\ \Phi_{33}^{3}\ \Phi_{11}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
71798	1200	1274	$\frac{1}{26}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{1274}\ \Phi_{637}\ \Phi_{182}\ \Phi_{98}\ \Phi_{91}\ \Phi_{14}$
71799	1200	549	$\frac{1}{61}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{549}^{2}\ \Phi_{183}^{3}\ \Phi_{61}^{2}$
71800	1200	1071	$\frac{2}{119}$	$\frac{1}{9}$	$\frac{39}{119}$	$\frac{4}{9}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}\ \Phi_{119}^{2}\ \Phi_{63}\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
71801	1200	1476	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{492}\ \Phi_{246}\ \Phi_{164}^{2}\ \Phi_{82}^{2}$
71802	1200	1071	$\frac{3}{119}$	$\frac{1}{9}$	$\frac{29}{119}$	$\frac{4}{9}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}\ \Phi_{119}^{2}\ \Phi_{63}\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
71803	1200	1395	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{155}^{2}$
71804	1200	1071	$\frac{4}{119}$	$\frac{1}{9}$	$\frac{23}{119}$	$\frac{4}{9}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}\ \Phi_{119}^{2}\ \Phi_{63}\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
71805	1200	450	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{450}^{3}\ \Phi_{225}^{2}\ \Phi_{150}^{4}\ \Phi_{90}^{3}\ \Phi_{75}^{3}\ \Phi_{50}^{4}\ \Phi_{45}^{2}\ \Phi_{30}^{4}\ \Phi_{25}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{2}$
71806	1200	1071	$\frac{5}{119}$	$\frac{1}{9}$	$\frac{19}{119}$	$\frac{4}{9}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}\ \Phi_{119}^{2}\ \Phi_{63}\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
71807	1200	63	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{63}^{17}\ \Phi_{21}^{23}\ \Phi_{9}^{18}\ \Phi_{7}^{22}\ \Phi_{3}^{24}\ \Phi_{1}^{24}$
71808	1200	153	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{4}{9}$	$\Phi_{153}^{7}\ \Phi_{51}^{7}\ \Phi_{17}^{14}\ \Phi_{9}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{16}$
71809	1200	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{144}^{9}\ \Phi_{72}^{9}\ \Phi_{48}^{9}\ \Phi_{36}^{9}\ \Phi_{24}^{9}\ \Phi_{18}^{9}\ \Phi_{16}^{8}\ \Phi_{12}^{9}\ \Phi_{8}^{8}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}$
71810	1200	1071	$\frac{9}{119}$	$\frac{11}{119}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}\ \Phi_{119}^{2}\ \Phi_{63}\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
71811	1200	1287	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}^2$
71812	1200	1199	$\frac{71}{1199}$	$\frac{134}{1199}$	$\frac{141}{1199}$	$\frac{529}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71813	1200	1275	$\frac{1}{51}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{255}\ \Phi_{85}\ \Phi_{75}\ \Phi_{15}$
71814	1200	1446	$\frac{9}{241}$	$\frac{29}{241}$	$\frac{1}{6}$	$\frac{106}{241}$	$\Phi_{1446}\ \Phi_{723}\ \Phi_{482}$
71815	1200	1199	$\frac{39}{1199}$	$\frac{145}{1199}$	$\frac{224}{1199}$	$\frac{527}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71816	1200	1604	$\frac{9}{401}$	$\frac{49}{401}$	$\frac{1}{4}$	$\frac{176}{401}$	$\Phi_{1604}\ \Phi_{802}$
71817	1200	1199	$\frac{27}{1199}$	$\frac{151}{1199}$	$\frac{293}{1199}$	$\frac{524}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71818	1200	1199	$\frac{17}{1199}$	$\frac{161}{1199}$	$\frac{394}{1199}$	$\frac{519}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71819	1200	1199	$\frac{34}{1199}$	$\frac{161}{1199}$	$\frac{233}{1199}$	$\frac{519}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71820	1200	1596	$\frac{1}{76}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{399}\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{84}\ \Phi_{57}^2\ \Phi_{42}\ \Phi_{12}^2\ \Phi_6^2$
71821	1200	1043	$\frac{2}{149}$	$\frac{1}{7}$	$\frac{49}{149}$	$\frac{3}{7}$	$\Phi_{1043}\ \Phi_{149}^2\ \Phi_7^2\ \Phi_1^4$
71822	1200	427	$\frac{1}{61}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{427}^3\ \Phi_{61}^2$
71823	1200	1428	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{238}\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{84}\ \Phi_{68}^2\ \Phi_{42}\ \Phi_{34}^2\ \Phi_{12}^2\ \Phi_6^2$
71824	1200	385	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{385}^4\ \Phi_{55}^4\ \Phi_{35}^3\ \Phi_5^2$
71825	1200	1043	$\frac{4}{149}$	$\frac{1}{7}$	$\frac{29}{149}$	$\frac{3}{7}$	$\Phi_{1043}\ \Phi_{149}^2\ \Phi_7^2\ \Phi_1^4$
71826	1200	1302	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{62}^2$
71827	1200	1043	$\frac{5}{149}$	$\frac{1}{7}$	$\frac{24}{149}$	$\frac{3}{7}$	$\Phi_{1043}\ \Phi_{149}^2\ \Phi_7^2\ \Phi_1^4$
71828	1200	182	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{182}^7\ \Phi_{91}^7\ \Phi_{26}^6\ \Phi_{14}^7\ \Phi_{13}^6\ \Phi_2^6$
71829	1200	1043	$\frac{9}{149}$	$\frac{14}{149}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1043}\ \Phi_{149}^2\ \Phi_7^2\ \Phi_1^4$
71830	1200	1232	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{176}^2\ \Phi_{154}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}^2$
71831	1200	1281	$\frac{1}{21}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{26}{61}$	$\Phi_{1281}\ \Phi_{427}\ \Phi_{183}$
71832	1200	1199	$\frac{23}{1199}$	$\frac{181}{1199}$	$\frac{294}{1199}$	$\frac{509}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71833	1200	1199	$\frac{69}{1199}$	$\frac{113}{1199}$	$\frac{181}{1199}$	$\frac{509}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71834	1200	109	$\frac{7}{109}$	$\frac{9}{109}$	$\frac{17}{109}$	$\frac{46}{109}$	$\Phi_{109}^{11}\ \Phi_1^{12}$
71835	1200	121	$\frac{7}{121}$	$\frac{1}{11}$	$\frac{19}{121}$	$\frac{51}{121}$	$\Phi_{121}^{10}\ \Phi_{11}^9\ \Phi_1^{10}$
71836	1200	1199	$\frac{53}{1199}$	$\frac{139}{1199}$	$\frac{191}{1199}$	$\frac{504}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71837	1200	1199	$\frac{29}{1199}$	$\frac{193}{1199}$	$\frac{234}{1199}$	$\frac{503}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71838	1200	1199	$\frac{41}{1199}$	$\frac{174}{1199}$	$\frac{193}{1199}$	$\frac{503}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71839	1200	1271	$\frac{1}{41}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	Φ_{1271}
71840	1200	1446	$\frac{7}{241}$	$\frac{39}{241}$	$\frac{1}{6}$	$\frac{101}{241}$	$\Phi_{1446}\ \Phi_{723}\ \Phi_{482}$
71841	1200	215	$\frac{1}{43}$	$\frac{7}{43}$	$\frac{1}{5}$	$\frac{18}{43}$	$\Phi_{215}^7\ \Phi_5^6$
71842	1200	1199	$\frac{17}{1199}$	$\frac{197}{1199}$	$\frac{349}{1199}$	$\frac{501}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71843	1200	1803	$\frac{7}{601}$	$\frac{99}{601}$	$\frac{1}{3}$	$\frac{251}{601}$	Φ_{1803}
71844	1200	1199	$\frac{14}{1199}$	$\frac{201}{1199}$	$\frac{395}{1199}$	$\frac{499}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71845	1200	1199	$\frac{35}{1199}$	$\frac{194}{1199}$	$\frac{201}{1199}$	$\frac{499}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71846	1200	1271	$\frac{1}{31}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	Φ_{1271}
71847	1200	1199	$\frac{47}{1199}$	$\frac{144}{1199}$	$\frac{211}{1199}$	$\frac{494}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71848	1200	1292	$\frac{1}{76}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1292}\ \Phi_{646}\ \Phi_{323}\ \Phi_{68}\ \Phi_{34}$
71849	1200	425	$\frac{1}{25}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{425}^3\ \Phi_{85}^3\ \Phi_{25}^2\ \Phi_5^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
71850	1200	1281	$\frac{1}{21}$	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{25}{61}$	$\Phi_{1281}\ \Phi_{427}\ \Phi_{183}$
71851	1200	1199	$\frac{59}{1199}$	$\frac{114}{1199}$	$\frac{217}{1199}$	$\frac{491}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
71852	1200	1199	$\frac{71}{1199}$	$\frac{94}{1199}$	$\frac{221}{1199}$	$\frac{489}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
71853	1200	432	$\frac{1}{16}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{432}^{3}\ \Phi_{216}^{3}\ \Phi_{144}^{3}\ \Phi_{108}^{3}\ \Phi_{72}^{3}\ \Phi_{54}^{3}\ \Phi_{48}^{3}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{16}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
71854	1200	1199	$\frac{74}{1199}$	$\frac{89}{1199}$	$\frac{225}{1199}$	$\frac{487}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
71855	1200	1313	$\frac{6}{101}$	$\frac{1}{13}$	$\frac{19}{101}$	$\frac{41}{101}$	Φ_{1313}
71856	1200	121	$\frac{6}{121}$	$\frac{1}{11}$	$\frac{23}{121}$	$\frac{49}{121}$	$\Phi_{121}^{10}\ \Phi_{11}^{9}\ \Phi_{1}^{10}$
71857	1200	1199	$\frac{54}{1199}$	$\frac{119}{1199}$	$\frac{229}{1199}$	$\frac{485}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
71858	1200	1359	$\frac{6}{151}$	$\frac{1}{9}$	$\frac{29}{151}$	$\frac{61}{151}$	$\Phi_{1359}\ \Phi_{453}$
71859	1200	109	$\frac{4}{109}$	$\frac{13}{109}$	$\frac{21}{109}$	$\frac{44}{109}$	$\Phi_{109}^{11}\ \Phi_{1}^{12}$
71860	1200	469	$\frac{2}{67}$	$\frac{1}{7}$	$\frac{13}{67}$	$\frac{27}{67}$	$\Phi_{469}^{3}\ \Phi_{7}^{2}$
71861	1200	1199	$\frac{34}{1199}$	$\frac{179}{1199}$	$\frac{233}{1199}$	$\frac{483}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
71862	1200	1446	$\frac{6}{241}$	$\frac{1}{6}$	$\frac{47}{241}$	$\frac{97}{241}$	$\Phi_{1446}\ \Phi_{723}\ \Phi_{482}$
71863	1200	1199	$\frac{24}{1199}$	$\frac{235}{1199}$	$\frac{239}{1199}$	$\frac{482}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
71864	1200	1505	$\frac{6}{301}$	$\frac{59}{301}$	$\frac{1}{5}$	$\frac{121}{301}$	$\Phi_{1505}\ \Phi_{215}\ \Phi_{35}$
71865	1200	1604	$\frac{6}{401}$	$\frac{79}{401}$	$\frac{1}{4}$	$\frac{161}{401}$	$\Phi_{1604}\ \Phi_{802}$
71866	1200	1199	$\frac{14}{1199}$	$\frac{237}{1199}$	$\frac{359}{1199}$	$\frac{481}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
71867	1200	1803	$\frac{6}{601}$	$\frac{119}{601}$	$\frac{1}{3}$	$\frac{241}{601}$	Φ_{1803}
71868	1200	1515	$\frac{1}{101}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1515}\ \Phi_{303}^{2}$
71869	1200	995	$\frac{3}{199}$	$\frac{1}{5}$	$\frac{49}{199}$	$\frac{2}{5}$	$\Phi_{995}\ \Phi_{199}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
71870	1200	255	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{255}^{5}\ \Phi_{85}^{5}\ \Phi_{51}^{4}\ \Phi_{17}^{4}\ \Phi_{15}^{5}\ \Phi_{3}^{4}$
71871	1200	995	$\frac{4}{199}$	$\frac{39}{199}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{995}\ \Phi_{199}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
71872	1200	1230	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{410}\ \Phi_{246}^{2}\ \Phi_{123}^{2}\ \Phi_{82}^{2}$
71873	1200	995	$\frac{7}{199}$	$\frac{24}{199}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{995}\ \Phi_{199}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
71874	1200	1170	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{234}^{2}\ \Phi_{195}\ \Phi_{117}^{2}\ \Phi_{90}\ \Phi_{78}^{2}\ \Phi_{39}^{2}\ \Phi_{30}\ \Phi_{18}^{2}\ \Phi_{6}^{2}$
71875	1200	995	$\frac{9}{199}$	$\frac{19}{199}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{995}\ \Phi_{199}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
71876	1200	1155	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}^{2}\ \Phi_{165}\ \Phi_{77}^{2}\ \Phi_{33}^{2}$
71877	1200	1199	$\frac{24}{1199}$	$\frac{235}{1199}$	$\frac{241}{1199}$	$\frac{479}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
71878	1200	1199	$\frac{29}{1199}$	$\frac{195}{1199}$	$\frac{251}{1199}$	$\frac{474}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
71879	1200	1271	$\frac{1}{31}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	Φ_{1271}
71880	1200	327	$\frac{1}{109}$	$\frac{73}{327}$	$\frac{36}{109}$	$\frac{127}{327}$	$\Phi_{327}^{3}\ \Phi_{109}^{5}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
71881	1200	1274	$\frac{1}{26}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{1274}\ \Phi_{637}\ \Phi_{182}\ \Phi_{98}\ \Phi_{91}\ \Phi_{14}$
71882	1200	1199	$\frac{49}{1199}$	$\frac{115}{1199}$	$\frac{271}{1199}$	$\frac{464}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
71883	1200	1313	$\frac{1}{101}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{1313}
71884	1200	1199	$\frac{74}{1199}$	$\frac{75}{1199}$	$\frac{281}{1199}$	$\frac{459}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
71885	1200	1296	$\frac{5}{81}$	$\frac{1}{16}$	$\frac{19}{81}$	$\frac{31}{81}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
71886	1200	121	$\frac{5}{121}$	$\frac{1}{11}$	$\frac{29}{121}$	$\frac{46}{121}$	$\Phi_{121}^{10}\ \Phi_{11}^{9}\ \Phi_{1}^{10}$
71887	1200	1199	$\frac{43}{1199}$	$\frac{124}{1199}$	$\frac{289}{1199}$	$\frac{455}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
71888	1200	1199	$\frac{35}{1199}$	$\frac{149}{1199}$	$\frac{291}{1199}$	$\frac{454}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71889	1200	1407	$\frac{5}{201}$	$\frac{1}{7}$	$\frac{49}{201}$	$\frac{76}{201}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{21}$
71890	1200	1446	$\frac{5}{241}$	$\frac{1}{6}$	$\frac{59}{241}$	$\frac{91}{241}$	$\Phi_{1446}\ \Phi_{723}\ \Phi_{482}$
71891	1200	1199	$\frac{19}{1199}$	$\frac{249}{1199}$	$\frac{295}{1199}$	$\frac{452}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71892	1200	1604	$\frac{5}{401}$	$\frac{99}{401}$	$\frac{1}{4}$	$\frac{151}{401}$	$\Phi_{1604}\ \Phi_{802}$
71893	1200	109	$\frac{1}{109}$	$\frac{27}{109}$	$\frac{34}{109}$	$\frac{41}{109}$	$\Phi_{109}^{11}\ \Phi_1^{12}$
71894	1200	1803	$\frac{5}{601}$	$\frac{149}{601}$	$\frac{1}{3}$	$\frac{226}{601}$	Φ_{1803}
71895	1200	2904	$\frac{1}{121}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2904}\ \Phi_{363}\ \Phi_{264}\ \Phi_{33}$
71896	1200	1912	$\frac{2}{239}$	$\frac{1}{4}$	$\frac{79}{239}$	$\frac{3}{8}$	$\Phi_{1912}\ \Phi_{239}\ \Phi_8^2\ \Phi_1^2$
71897	1200	648	$\frac{1}{81}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{648}^3\ \Phi_{324}\ \Phi_{216}^3\ \Phi_{162}\ \Phi_{108}\ \Phi_{72}^3\ \Phi_{54}\ \Phi_{36}\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
71898	1200	1912	$\frac{3}{239}$	$\frac{59}{239}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1912}\ \Phi_{239}\ \Phi_8^2\ \Phi_1^2$
71899	1200	2440	$\frac{1}{61}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2440}\ \Phi_{305}$
71900	1200	1912	$\frac{4}{239}$	$\frac{47}{239}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1912}\ \Phi_{239}\ \Phi_8^2\ \Phi_1^2$
71901	1200	1176	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1176}^2\ \Phi_{392}\ \Phi_{294}\ \Phi_{168}^2\ \Phi_{147}\ \Phi_{98}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
71902	1200	1912	$\frac{5}{239}$	$\frac{39}{239}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1912}\ \Phi_{239}\ \Phi_8^2\ \Phi_1^2$
71903	1200	2296	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2296}\ \Phi_{287}$
71904	1200	1912	$\frac{7}{239}$	$\frac{29}{239}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1912}\ \Phi_{239}\ \Phi_8^2\ \Phi_1^2$
71905	1200	2232	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{279}\ \Phi_{93}$
71906	1200	1912	$\frac{9}{239}$	$\frac{23}{239}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1912}\ \Phi_{239}\ \Phi_8^2\ \Phi_1^2$
71907	1200	2200	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{275}\ \Phi_{55}$
71908	1200	1912	$\frac{11}{239}$	$\frac{19}{239}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1912}\ \Phi_{239}\ \Phi_8^2\ \Phi_1^2$
71909	1200	2184	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{273}\ \Phi_{91}\ \Phi_{39}$
71910	1200	1912	$\frac{14}{239}$	$\frac{15}{239}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1912}\ \Phi_{239}\ \Phi_8^2\ \Phi_1^2$
71911	1200	272	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{272}^5\ \Phi_{136}^4\ \Phi_{68}^5\ \Phi_{34}^5\ \Phi_{17}^4$
71912	1200	1199	$\frac{15}{1199}$	$\frac{296}{1199}$	$\frac{301}{1199}$	$\frac{449}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71913	1200	1199	$\frac{19}{1199}$	$\frac{236}{1199}$	$\frac{321}{1199}$	$\frac{439}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71914	1200	1275	$\frac{1}{51}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{255}\ \Phi_{85}\ \Phi_{75}\ \Phi_{15}$
71915	1200	1271	$\frac{1}{41}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	Φ_{1271}
71916	1200	1199	$\frac{31}{1199}$	$\frac{146}{1199}$	$\frac{351}{1199}$	$\frac{424}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71917	1200	1199	$\frac{39}{1199}$	$\frac{116}{1199}$	$\frac{361}{1199}$	$\frac{419}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71918	1200	1274	$\frac{1}{26}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{1274}\ \Phi_{637}\ \Phi_{182}\ \Phi_{98}\ \Phi_{91}\ \Phi_{14}$
71919	1200	1281	$\frac{1}{21}$	$\frac{4}{61}$	$\frac{19}{61}$	$\frac{21}{61}$	$\Phi_{1281}\ \Phi_{427}\ \Phi_{183}$
71920	1200	646	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{646}^3\ \Phi_{323}\ \Phi_{34}^3$
71921	1200	1199	$\frac{56}{1199}$	$\frac{79}{1199}$	$\frac{381}{1199}$	$\frac{409}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71922	1200	109	$\frac{4}{109}$	$\frac{9}{109}$	$\frac{35}{109}$	$\frac{37}{109}$	$\Phi_{109}^{11}\ \Phi_1^{12}$
71923	1200	121	$\frac{4}{121}$	$\frac{1}{11}$	$\frac{39}{121}$	$\frac{41}{121}$	$\Phi_{121}^{10}\ \Phi_{11}^9\ \Phi_1^{10}$
71924	1200	1359	$\frac{4}{151}$	$\frac{1}{9}$	$\frac{49}{151}$	$\frac{51}{151}$	$\Phi_{1359}\ \Phi_{453}$
71925	1200	1199	$\frac{26}{1199}$	$\frac{159}{1199}$	$\frac{391}{1199}$	$\frac{404}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
71926	1200	1199	$\frac{20}{1199}$	$\frac{199}{1199}$	$\frac{393}{1199}$	$\frac{403}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
71927	1200	1446	$\frac{4}{241}$	$\frac{1}{6}$	$\frac{79}{241}$	$\frac{81}{241}$	$\Phi_{1446}\ \Phi_{723}\ \Phi_{482}$
71928	1200	1505	$\frac{4}{301}$	$\frac{1}{5}$	$\frac{99}{301}$	$\frac{101}{301}$	$\Phi_{1505}\ \Phi_{215}\ \Phi_{35}$
71929	1200	1199	$\frac{8}{1199}$	$\frac{397}{1199}$	$\frac{399}{1199}$	$\frac{401}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
71930	1200	1803	$\frac{4}{601}$	$\frac{199}{601}$	$\frac{1}{3}$	$\frac{201}{601}$	Φ_{1803}
71931	1200	453	$\frac{1}{151}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{453}^{3}\ \Phi_{151}^{2}$
71932	1200	897	$\frac{2}{299}$	$\frac{99}{299}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{897}\ \Phi_{299}^{2}\ \Phi_{69}\ \Phi_{39}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
71933	1200	1212	$\frac{1}{101}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1212}\ \Phi_{606}\ \Phi_{404}^{2}\ \Phi_{202}^{2}$
71934	1200	897	$\frac{3}{299}$	$\frac{74}{299}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{897}\ \Phi_{299}^{2}\ \Phi_{69}\ \Phi_{39}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
71935	1200	1140	$\frac{1}{76}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}^{2}\ \Phi_{285}\ \Phi_{190}^{2}\ \Phi_{95}^{2}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
71936	1200	897	$\frac{4}{299}$	$\frac{59}{299}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{897}\ \Phi_{299}^{2}\ \Phi_{69}\ \Phi_{39}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
71937	1200	366	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{366}^{4}\ \Phi_{183}^{3}\ \Phi_{122}^{4}\ \Phi_{61}^{2}$
71938	1200	897	$\frac{5}{299}$	$\frac{49}{299}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{897}\ \Phi_{299}^{2}\ \Phi_{69}\ \Phi_{39}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
71939	1200	357	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{357}^{4}\ \Phi_{119}^{4}\ \Phi_{21}^{3}\ \Phi_{7}^{2}$
71940	1200	897	$\frac{9}{299}$	$\frac{29}{299}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{897}\ \Phi_{299}^{2}\ \Phi_{69}\ \Phi_{39}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
71941	1200	1023	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1023}\ \Phi_{341}^{2}$
71942	1200	897	$\frac{11}{299}$	$\frac{24}{299}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{897}\ \Phi_{299}^{2}\ \Phi_{69}\ \Phi_{39}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
71943	1200	78	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{78}^{12}\ \Phi_{39}^{11}\ \Phi_{26}^{24}\ \Phi_{13}^{22}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{24}\ \Phi_{1}^{24}$
71944	1200	675	$\frac{1}{25}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{675}^{2}\ \Phi_{225}^{2}\ \Phi_{135}^{2}\ \Phi_{75}\ \Phi_{45}^{2}\ \Phi_{15}$
71945	1200	483	$\frac{1}{23}$	$\frac{11}{161}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{483}^{2}\ \Phi_{161}^{4}\ \Phi_{69}\ \Phi_{23}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
71946	1200	897	$\frac{14}{299}$	$\frac{19}{299}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{897}\ \Phi_{299}^{2}\ \Phi_{69}\ \Phi_{39}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
71947	1200	336	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{112}^{4}\ \Phi_{84}^{4}\ \Phi_{56}^{4}\ \Phi_{48}^{3}\ \Phi_{42}^{4}\ \Phi_{28}^{4}\ \Phi_{24}^{3}\ \Phi_{16}^{2}\ \Phi_{14}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
71948	1200	2235	$\frac{2}{149}$	$\frac{1}{5}$	$\frac{49}{149}$	$\frac{1}{3}$	$\Phi_{2235}\ \Phi_{15}^{2}$
71949	1200	1803	$\frac{10}{601}$	$\frac{101}{601}$	$\frac{197}{601}$	$\frac{1}{3}$	Φ_{1803}
71950	1200	714	$\frac{2}{119}$	$\frac{1}{6}$	$\frac{39}{119}$	$\frac{1}{3}$	$\Phi_{714}^{2}\ \Phi_{357}\ \Phi_{238}^{2}\ \Phi_{119}^{2}\ \Phi_{102}^{2}\ \Phi_{51}\ \Phi_{42}^{2}\ \Phi_{34}^{2}\ \Phi_{21}\ \Phi_{17}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
71951	1200	2079	$\frac{2}{99}$	$\frac{1}{7}$	$\frac{97}{297}$	$\frac{1}{3}$	$\Phi_{2079}\ \Phi_{189}\ \Phi_{21}$
71952	1200	1803	$\frac{13}{601}$	$\frac{81}{601}$	$\frac{196}{601}$	$\frac{1}{3}$	Φ_{1803}
71953	1200	333	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{12}{37}$	$\frac{1}{3}$	$\Phi_{333}^{4}\ \Phi_{111}^{2}\ \Phi_{37}^{4}\ \Phi_{9}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
71954	1200	1947	$\frac{2}{59}$	$\frac{1}{11}$	$\frac{19}{59}$	$\frac{1}{3}$	$\Phi_{1947}\ \Phi_{33}^{2}$
71955	1200	1803	$\frac{22}{601}$	$\frac{51}{601}$	$\frac{193}{601}$	$\frac{1}{3}$	Φ_{1803}
71956	1200	1269	$\frac{2}{47}$	$\frac{2}{27}$	$\frac{15}{47}$	$\frac{1}{3}$	$\Phi_{1269}\ \Phi_{423}\ \Phi_{47}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
71957	1200	1803	$\frac{28}{601}$	$\frac{41}{601}$	$\frac{191}{601}$	$\frac{1}{3}$	Φ_{1803}
71958	1200	1872	$\frac{2}{39}$	$\frac{1}{16}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
71959	1200	609	$\frac{1}{21}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{609}^{2}\ \Phi_{203}^{2}\ \Phi_{87}\ \Phi_{29}^{2}\ \Phi_{21}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
71960	1200	900	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{225}^{2}\ \Phi_{180}^{2}\ \Phi_{90}^{2}\ \Phi_{75}\ \Phi_{45}^{2}\ \Phi_{15}$
71961	1200	1794	$\frac{1}{26}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{1794}\ \Phi_{897}\ \Phi_{138}\ \Phi_{78}^{2}\ \Phi_{39}^{2}\ \Phi_{6}^{2}$
71962	1200	1803	$\frac{21}{601}$	$\frac{58}{601}$	$\frac{181}{601}$	$\frac{1}{3}$	Φ_{1803}
71963	1200	1803	$\frac{17}{601}$	$\frac{73}{601}$	$\frac{176}{601}$	$\frac{1}{3}$	Φ_{1803}
71964	1200	861	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{861}^{2}\ \Phi_{123}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
71965	1200	561	$\frac{1}{51}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{561}^2\ \Phi_{187}^2\ \Phi_{51}^4\ \Phi_{33}\ \Phi_{17}^4\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
71966	1200	1803	$\frac{11}{601}$	$\frac{118}{601}$	$\frac{161}{601}$	$\frac{1}{3}$	Φ_{1803}
71967	1200	1647	$\frac{1}{61}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1647}\ \Phi_{183}$
71968	1200	1803	$\frac{9}{601}$	$\frac{148}{601}$	$\frac{151}{601}$	$\frac{1}{3}$	Φ_{1803}
71969	1200	2388	$\frac{3}{199}$	$\frac{49}{199}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2388}\ \Phi_{1194}\ \Phi_{12}^2\ \Phi_6^2$
71970	1200	1020	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{170}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
71971	1200	2388	$\frac{4}{199}$	$\frac{39}{199}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2388}\ \Phi_{1194}\ \Phi_{12}^2\ \Phi_6^2$
71972	1200	492	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{492}^3\ \Phi_{246}\ \Phi_{164}^4\ \Phi_{123}^2\ \Phi_{82}^2\ \Phi_{41}^2$
71973	1200	2388	$\frac{7}{199}$	$\frac{24}{199}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2388}\ \Phi_{1194}\ \Phi_{12}^2\ \Phi_6^2$
71974	1200	468	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{468}^4\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{78}\ \Phi_{52}^4\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
71975	1200	2100	$\frac{1}{25}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{75}\ \Phi_{15}$
71976	1200	2388	$\frac{9}{199}$	$\frac{19}{199}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2388}\ \Phi_{1194}\ \Phi_{12}^2\ \Phi_6^2$
71977	1200	924	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{22}^2$
71978	1200	1836	$\frac{1}{17}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{306}\ \Phi_{68}\ \Phi_{34}$
71979	1200	714	$\frac{3}{119}$	$\frac{1}{6}$	$\frac{29}{119}$	$\frac{1}{3}$	$\Phi_{714}^2\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{42}^2\ \Phi_{34}^2\ \Phi_{21}\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
71980	1200	1803	$\frac{17}{601}$	$\frac{91}{601}$	$\frac{146}{601}$	$\frac{1}{3}$	Φ_{1803}
71981	1200	231	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{8}{33}$	$\frac{1}{3}$	$\Phi_{231}^6\ \Phi_{77}^6\ \Phi_{21}^7\ \Phi_7^6$
71982	1200	1803	$\frac{21}{601}$	$\frac{76}{601}$	$\frac{145}{601}$	$\frac{1}{3}$	Φ_{1803}
71983	1200	1947	$\frac{3}{59}$	$\frac{1}{11}$	$\frac{14}{59}$	$\frac{1}{3}$	$\Phi_{1947}\ \Phi_{33}^2$
71984	1200	1803	$\frac{37}{601}$	$\frac{46}{601}$	$\frac{141}{601}$	$\frac{1}{3}$	Φ_{1803}
71985	1200	1269	$\frac{3}{47}$	$\frac{2}{27}$	$\frac{11}{47}$	$\frac{1}{3}$	$\Phi_{1269}\ \Phi_{423}\ \Phi_{47}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_1^2$
71986	1200	624	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_6^4$
71987	1200	1803	$\frac{31}{601}$	$\frac{57}{601}$	$\frac{136}{601}$	$\frac{1}{3}$	Φ_{1803}
71988	1200	1449	$\frac{7}{207}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{161}\ \Phi_{21}$
71989	1200	2400	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{480}\ \Phi_{240}\ \Phi_{75}\ \Phi_{15}$
71990	1200	1794	$\frac{1}{26}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{1794}\ \Phi_{897}\ \Phi_{138}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_6^2$
71991	1200	1767	$\frac{1}{31}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{1767}\ \Phi_{93}^2$
71992	1200	1803	$\frac{19}{601}$	$\frac{97}{601}$	$\frac{126}{601}$	$\frac{1}{3}$	Φ_{1803}
71993	1200	1803	$\frac{16}{601}$	$\frac{117}{601}$	$\frac{121}{601}$	$\frac{1}{3}$	Φ_{1803}
71994	1200	2235	$\frac{4}{149}$	$\frac{29}{149}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2235}\ \Phi_{15}^2$
71995	1200	930	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{930}^2\ \Phi_{465}\ \Phi_{310}^2\ \Phi_{155}^2$
71996	1200	2235	$\frac{5}{149}$	$\frac{24}{149}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2235}\ \Phi_{15}^2$
71997	1200	2730	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{210}$
71998	1200	2235	$\frac{9}{149}$	$\frac{14}{149}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2235}\ \Phi_{15}^2$
71999	1200	2640	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{330}$
72000	1200	1755	$\frac{2}{27}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{65}$
72001	1200	714	$\frac{4}{119}$	$\frac{1}{6}$	$\frac{23}{119}$	$\frac{1}{3}$	$\Phi_{714}^2\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{42}^2\ \Phi_{34}^2\ \Phi_{21}\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
72002	1200	1803	$\frac{21}{601}$	$\frac{97}{601}$	$\frac{116}{601}$	$\frac{1}{3}$	Φ_{1803}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
72003	1200	693	$\frac{4}{99}$	$\frac{1}{7}$	$\frac{19}{99}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{21}^3\ \Phi_{7}^2$
72004	1200	1803	$\frac{26}{601}$	$\frac{81}{601}$	$\frac{115}{601}$	$\frac{1}{3}$	Φ_{1803}
72005	1200	333	$\frac{2}{37}$	$\frac{1}{9}$	$\frac{7}{37}$	$\frac{1}{3}$	$\Phi_{333}^4\ \Phi_{111}^2\ \Phi_{37}^4\ \Phi_{9}^6\ \Phi_{3}^3\ \Phi_{1}^6$
72006	1200	1803	$\frac{36}{601}$	$\frac{61}{601}$	$\frac{113}{601}$	$\frac{1}{3}$	Φ_{1803}
72007	1200	1947	$\frac{4}{59}$	$\frac{1}{11}$	$\frac{11}{59}$	$\frac{1}{3}$	$\Phi_{1947}\ \Phi_{33}^2$
72008	1200	1803	$\frac{46}{601}$	$\frac{49}{601}$	$\frac{111}{601}$	$\frac{1}{3}$	Φ_{1803}
72009	1200	1911	$\frac{1}{13}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{1}{3}$	$\Phi_{1911}\ \Phi_{273}\ \Phi_{39}^2$
72010	1200	1803	$\frac{41}{601}$	$\frac{56}{601}$	$\frac{109}{601}$	$\frac{1}{3}$	Φ_{1803}
72011	1200	624	$\frac{1}{16}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{48}^3\ \Phi_{26}^2\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
72012	1200	1803	$\frac{33}{601}$	$\frac{71}{601}$	$\frac{106}{601}$	$\frac{1}{3}$	Φ_{1803}
72013	1200	609	$\frac{1}{21}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{609}^2\ \Phi_{203}^2\ \Phi_{87}\ \Phi_{29}^2\ \Phi_{21}^4\ \Phi_{7}^4\ \Phi_{3}^2\ \Phi_{1}^4$
72014	1200	1803	$\frac{25}{601}$	$\frac{96}{601}$	$\frac{101}{601}$	$\frac{1}{3}$	Φ_{1803}
72015	1200	150	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{150}^8\ \Phi_{75}^9\ \Phi_{50}^8\ \Phi_{30}^8\ \Phi_{25}^8\ \Phi_{15}^9\ \Phi_{10}^8\ \Phi_{5}^8$
72016	1200	714	$\frac{5}{119}$	$\frac{19}{119}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{714}^2\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{42}^2\ \Phi_{34}^2\ \Phi_{21}\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
72017	1200	42	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{42}^{34}\ \Phi_{21}^{23}\ \Phi_{14}^{34}\ \Phi_{7}^{22}\ \Phi_{6}^{36}\ \Phi_{3}^{24}\ \Phi_{2}^{36}\ \Phi_{1}^{24}$
72018	1200	102	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{102}^{14}\ \Phi_{51}^{7}\ \Phi_{34}^{14}\ \Phi_{17}^{14}\ \Phi_{6}^{16}\ \Phi_{3}^{8}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
72019	1200	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{144}^{10}\ \Phi_{72}^{10}\ \Phi_{48}^{7}\ \Phi_{36}^{10}\ \Phi_{24}^{7}\ \Phi_{18}^{4}\ \Phi_{16}^{6}\ \Phi_{12}^{7}\ \Phi_{9}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{3}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
72020	1200	714	$\frac{9}{119}$	$\frac{11}{119}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{714}^2\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{42}^2\ \Phi_{34}^2\ \Phi_{21}\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
72021	1200	858	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{858}^2\ \Phi_{429}\ \Phi_{286}^2\ \Phi_{143}^2$
72022	1200	1947	$\frac{5}{59}$	$\frac{1}{11}$	$\frac{9}{59}$	$\frac{1}{3}$	$\Phi_{1947}\ \Phi_{33}^2$
72023	1200	1803	$\frac{51}{601}$	$\frac{55}{601}$	$\frac{91}{601}$	$\frac{1}{3}$	Φ_{1803}
72024	1200	1269	$\frac{2}{27}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{3}$	$\Phi_{1269}\ \Phi_{423}\ \Phi_{47}\ \Phi_{27}^2\ \Phi_{9}^2\ \Phi_{1}^2$
72025	1200	231	$\frac{2}{33}$	$\frac{31}{231}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{231}^5\ \Phi_{77}^5\ \Phi_{33}^6\ \Phi_{21}^6\ \Phi_{11}^6\ \Phi_{7}^5\ \Phi_{3}^6\ \Phi_{1}^6$
72026	1200	189	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{189}^8\ \Phi_{63}^6\ \Phi_{21}^7\ \Phi_{7}^6$
72027	1200	1092	$\frac{1}{13}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{273}\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{39}^2$
72028	1200	231	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{231}^9\ \Phi_{21}^{10}$
72029	1200	645	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{29}{129}$	$\frac{14}{43}$	$\Phi_{645}^3\ \Phi_{215}\ \Phi_{15}^3$
72030	1200	185	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{12}{37}$	$\Phi_{185}^6\ \Phi_{37}^8\ \Phi_{5}^9\ \Phi_{1}^{12}$
72031	1200	1199	$\frac{38}{1199}$	$\frac{203}{1199}$	$\frac{249}{1199}$	$\frac{387}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^2$
72032	1200	1505	$\frac{10}{301}$	$\frac{51}{301}$	$\frac{1}{5}$	$\frac{97}{301}$	$\Phi_{1505}\ \Phi_{215}\ \Phi_{35}$
72033	1200	1121	$\frac{2}{59}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{19}{59}$	$\Phi_{1121}\ \Phi_{59}^2\ \Phi_{19}^2\ \Phi_{1}^4$
72034	1200	1770	$\frac{2}{59}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{19}{59}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{590}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
72035	1200	1199	$\frac{47}{1199}$	$\frac{163}{1199}$	$\frac{259}{1199}$	$\frac{384}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^2$
72036	1200	735	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{47}{147}$	$\Phi_{735}^3\ \Phi_{105}^3\ \Phi_{35}\ \Phi_{15}^3$
72037	1200	1446	$\frac{10}{241}$	$\frac{1}{6}$	$\frac{41}{241}$	$\frac{77}{241}$	$\Phi_{1446}\ \Phi_{723}\ \Phi_{482}$
72038	1200	1199	$\frac{50}{1199}$	$\frac{199}{1199}$	$\frac{204}{1199}$	$\frac{383}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^2$
72039	1200	1692	$\frac{2}{47}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{15}{47}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{423}\ \Phi_{47}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
72040	1200	1316	$\frac{2}{47}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{15}{47}$	$\Phi_{1316}\ \Phi_{658}\ \Phi_{329}\ \Phi_{47}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
72041	1200	1504	$\frac{2}{47}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{15}{47}$	$\Phi_{1504}\ \Phi_{752}\ \Phi_{47}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_1^2$
72042	1200	282	$\frac{2}{47}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{15}{47}$	$\Phi_{282}^4\ \Phi_{141}^4\ \Phi_{94}^4\ \Phi_{47}^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
72043	1200	1505	$\frac{13}{301}$	$\frac{41}{301}$	$\frac{1}{5}$	$\frac{96}{301}$	$\Phi_{1505}\ \Phi_{215}\ \Phi_{35}$
72044	1200	1199	$\frac{62}{1199}$	$\frac{164}{1199}$	$\frac{207}{1199}$	$\frac{379}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
72045	1200	1446	$\frac{13}{241}$	$\frac{33}{241}$	$\frac{1}{6}$	$\frac{76}{241}$	$\Phi_{1446}\ \Phi_{723}\ \Phi_{482}$
72046	1200	377	$\frac{2}{29}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{9}{29}$	$\Phi_{377}^3\ \Phi_{29}^4\ \Phi_{13}^6\ \Phi_1^8$
72047	1200	1595	$\frac{2}{29}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{9}{29}$	$\Phi_{1595}\ \Phi_{55}^2$
72048	1200	1131	$\frac{2}{29}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{9}{29}$	$\Phi_{1131}\ \Phi_{377}\ \Phi_{87}\ \Phi_{39}^2\ \Phi_{29}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
72049	1200	522	$\frac{2}{29}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{9}{29}$	$\Phi_{522}^3\ \Phi_{261}^2\ \Phi_{174}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{18}^6\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
72050	1200	1199	$\frac{83}{1199}$	$\frac{92}{1199}$	$\frac{279}{1199}$	$\frac{369}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
72051	1200	1199	$\frac{98}{1199}$	$\frac{104}{1199}$	$\frac{219}{1199}$	$\frac{367}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
72052	1200	121	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{21}{121}$	$\frac{37}{121}$	$\Phi_{121}^{10}\ \Phi_{11}^9\ \Phi_1^{10}$
72053	1200	612	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{153}^3\ \Phi_{68}\ \Phi_{34}$
72054	1200	1692	$\frac{3}{47}$	$\frac{1}{12}$	$\frac{11}{47}$	$\frac{11}{36}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{423}\ \Phi_{47}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
72055	1200	2340	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{65}$
72056	1200	1692	$\frac{1}{12}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{11}{36}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{423}\ \Phi_{47}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
72057	1200	252	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{11}{36}$	$\Phi_{252}^5\ \Phi_{126}^5\ \Phi_{84}^6\ \Phi_{63}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{21}^7\ \Phi_{14}^6\ \Phi_7^6$
72058	1200	1359	$\frac{13}{151}$	$\frac{1}{9}$	$\frac{21}{151}$	$\frac{46}{151}$	$\Phi_{1359}\ \Phi_{453}$
72059	1200	1127	$\frac{4}{49}$	$\frac{2}{23}$	$\frac{9}{49}$	$\frac{7}{23}$	$\Phi_{1127}\ \Phi_{161}\ \Phi_{49}^2\ \Phi_{23}^2\ \Phi_7^2\ \Phi_1^4$
72060	1200	1518	$\frac{2}{23}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{7}{23}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2$
72061	1200	644	$\frac{2}{23}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{7}{23}$	$\Phi_{644}^2\ \Phi_{322}^2\ \Phi_{161}\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{28}^4\ \Phi_{23}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
72062	1200	1199	$\frac{107}{1199}$	$\frac{129}{1199}$	$\frac{167}{1199}$	$\frac{364}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
72063	1200	1446	$\frac{21}{241}$	$\frac{22}{241}$	$\frac{1}{6}$	$\frac{73}{241}$	$\Phi_{1446}\ \Phi_{723}\ \Phi_{482}$
72064	1200	109	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{19}{109}$	$\frac{33}{109}$	$\Phi_{109}^{11}\ \Phi_1^{12}$
72065	1200	215	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{1}{5}$	$\frac{13}{43}$	$\Phi_{215}^7\ \Phi_5^6$
72066	1200	1199	$\frac{84}{1199}$	$\frac{122}{1199}$	$\frac{223}{1199}$	$\frac{359}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
72067	1200	121	$\frac{1}{11}$	$\frac{13}{121}$	$\frac{17}{121}$	$\frac{36}{121}$	$\Phi_{121}^{10}\ \Phi_{11}^9\ \Phi_1^{10}$
72068	1200	1199	$\frac{103}{1199}$	$\frac{137}{1199}$	$\frac{169}{1199}$	$\frac{354}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
72069	1200	1446	$\frac{17}{241}$	$\frac{28}{241}$	$\frac{1}{6}$	$\frac{71}{241}$	$\Phi_{1446}\ \Phi_{723}\ \Phi_{482}$
72070	1200	553	$\frac{3}{79}$	$\frac{1}{7}$	$\frac{19}{79}$	$\frac{2}{7}$	$\Phi_{553}^2\ \Phi_{79}^3\ \Phi_7^4\ \Phi_1^6$
72071	1200	546	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{546}^3\ \Phi_{273}^3\ \Phi_{182}\ \Phi_{91}\ \Phi_{78}^3\ \Phi_{42}^3\ \Phi_{39}^3\ \Phi_{14}\ \Phi_6^3$
72072	1200	105	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{105}^{15}\ \Phi_{35}^{13}\ \Phi_{15}^{15}\ \Phi_5^{12}$
72073	1200	553	$\frac{4}{79}$	$\frac{1}{7}$	$\frac{15}{79}$	$\frac{2}{7}$	$\Phi_{553}^2\ \Phi_{79}^3\ \Phi_7^4\ \Phi_1^6$
72074	1200	714	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{238}^2\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{34}^3$
72075	1200	553	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{553}^2\ \Phi_{79}^3\ \Phi_7^4\ \Phi_1^6$
72076	1200	693	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}^3\ \Phi_{33}^3$
72077	1200	1199	$\frac{43}{1199}$	$\frac{182}{1199}$	$\frac{289}{1199}$	$\frac{339}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
72078	1200	1199	$\frac{54}{1199}$	$\frac{194}{1199}$	$\frac{229}{1199}$	$\frac{335}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
72079	1200	1281	$\frac{1}{21}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	$\Phi_{1281}\ \Phi_{427}\ \Phi_{183}$
72080	1200	1292	$\frac{1}{17}$	$\frac{11}{76}$	$\frac{13}{76}$	$\frac{21}{76}$	$\Phi_{1292}\ \Phi_{646}\ \Phi_{323}\ \Phi_{68}\ \Phi_{34}$
72081	1200	1199	$\frac{87}{1199}$	$\frac{139}{1199}$	$\frac{212}{1199}$	$\frac{329}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
72082	1200	33	$\frac{1}{33}$	$\frac{2}{11}$	$\frac{8}{33}$	$\frac{3}{11}$	$\Phi_{33}^{36}\ \Phi_{11}^{37}\ \Phi_{3}^{36}\ \Phi_{1}^{38}$
72083	1200	1430	$\frac{1}{26}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{1430}\ \Phi_{715}\ \Phi_{130}^{2}\ \Phi_{110}\ \Phi_{65}^{2}\ \Phi_{10}^{2}$
72084	1200	99	$\frac{4}{99}$	$\frac{2}{11}$	$\frac{19}{99}$	$\frac{3}{11}$	$\Phi_{99}^{12}\ \Phi_{33}^{12}\ \Phi_{11}^{13}\ \Phi_{9}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{14}$
72085	1200	462	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{462}^{3}\ \Phi_{231}^{2}\ \Phi_{154}^{3}\ \Phi_{77}^{2}\ \Phi_{66}^{2}\ \Phi_{42}^{6}\ \Phi_{33}\ \Phi_{22}^{2}\ \Phi_{21}^{4}\ \Phi_{14}^{6}\ \Phi_{11}^{2}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
72086	1200	297	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{297}^{4}\ \Phi_{99}^{3}\ \Phi_{33}^{3}\ \Phi_{27}^{8}\ \Phi_{11}^{4}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
72087	1200	11	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{11}^{109}\ \Phi_{1}^{110}$
72088	1200	1359	$\frac{11}{151}$	$\frac{1}{9}$	$\frac{28}{151}$	$\frac{41}{151}$	$\Phi_{1359}\ \Phi_{453}$
72089	1200	1199	$\frac{35}{1199}$	$\frac{227}{1199}$	$\frac{291}{1199}$	$\frac{324}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
72090	1200	1199	$\frac{64}{1199}$	$\frac{175}{1199}$	$\frac{227}{1199}$	$\frac{324}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
72091	1200	1446	$\frac{11}{241}$	$\frac{1}{6}$	$\frac{46}{241}$	$\frac{65}{241}$	$\Phi_{1446}\ \Phi_{723}\ \Phi_{482}$
72092	1200	1199	$\frac{49}{1199}$	$\frac{219}{1199}$	$\frac{230}{1199}$	$\frac{323}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
72093	1200	1505	$\frac{11}{301}$	$\frac{58}{301}$	$\frac{1}{5}$	$\frac{81}{301}$	$\Phi_{1505}\ \Phi_{215}\ \Phi_{35}$
72094	1200	109	$\frac{4}{109}$	$\frac{21}{109}$	$\frac{22}{109}$	$\frac{29}{109}$	$\Phi_{109}^{11}\ \Phi_{1}^{12}$
72095	1200	1274	$\frac{1}{26}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{1274}\ \Phi_{637}\ \Phi_{182}\ \Phi_{98}\ \Phi_{91}\ \Phi_{14}$
72096	1200	1281	$\frac{1}{21}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{1281}\ \Phi_{427}\ \Phi_{183}$
72097	1200	432	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{432}^{4}\ \Phi_{216}^{4}\ \Phi_{144}\ \Phi_{108}^{4}\ \Phi_{72}\ \Phi_{54}^{4}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
72098	1200	1199	$\frac{89}{1199}$	$\frac{111}{1199}$	$\frac{272}{1199}$	$\frac{309}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
72099	1200	121	$\frac{9}{121}$	$\frac{1}{11}$	$\frac{28}{121}$	$\frac{31}{121}$	$\Phi_{121}^{10}\ \Phi_{11}^{9}\ \Phi_{1}^{10}$
72100	1200	469	$\frac{3}{67}$	$\frac{1}{7}$	$\frac{16}{67}$	$\frac{17}{67}$	$\Phi_{469}^{3}\ \Phi_{7}^{2}$
72101	1200	1199	$\frac{51}{1199}$	$\frac{179}{1199}$	$\frac{287}{1199}$	$\frac{304}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
72102	1200	1446	$\frac{9}{241}$	$\frac{1}{6}$	$\frac{58}{241}$	$\frac{61}{241}$	$\Phi_{1446}\ \Phi_{723}\ \Phi_{482}$
72103	1200	1199	$\frac{39}{1199}$	$\frac{224}{1199}$	$\frac{290}{1199}$	$\frac{303}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_{1}^{2}$
72104	1200	1505	$\frac{9}{301}$	$\frac{1}{5}$	$\frac{73}{301}$	$\frac{76}{301}$	$\Phi_{1505}\ \Phi_{215}\ \Phi_{35}$
72105	1200	476	$\frac{1}{17}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{476}^{3}\ \Phi_{238}^{3}\ \Phi_{119}^{3}\ \Phi_{68}\ \Phi_{34}$
72106	1200	660	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{8}{33}$	$\frac{1}{4}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{220}^{3}\ \Phi_{110}^{3}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{4}\ \Phi_{10}^{4}$
72107	1200	1604	$\frac{13}{401}$	$\frac{76}{401}$	$\frac{97}{401}$	$\frac{1}{4}$	$\Phi_{1604}\ \Phi_{802}$
72108	1200	948	$\frac{3}{79}$	$\frac{1}{6}$	$\frac{19}{79}$	$\frac{1}{4}$	$\Phi_{948}^{2}\ \Phi_{474}\ \Phi_{316}\ \Phi_{237}\ \Phi_{79}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
72109	1200	1604	$\frac{17}{401}$	$\frac{61}{401}$	$\frac{96}{401}$	$\frac{1}{4}$	$\Phi_{1604}\ \Phi_{802}$
72110	1200	1316	$\frac{3}{47}$	$\frac{3}{28}$	$\frac{11}{47}$	$\frac{1}{4}$	$\Phi_{1316}\ \Phi_{658}\ \Phi_{329}\ \Phi_{47}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
72111	1200	572	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{572}^{3}\ \Phi_{286}^{3}\ \Phi_{44}^{4}\ \Phi_{22}^{4}$
72112	1200	1604	$\frac{31}{401}$	$\frac{37}{401}$	$\frac{91}{401}$	$\frac{1}{4}$	$\Phi_{1604}\ \Phi_{802}$
72113	1200	544	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{544}^{3}\ \Phi_{272}^{3}\ \Phi_{68}\ \Phi_{34}$
72114	1200	1596	$\frac{1}{21}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{266}\ \Phi_{228}\ \Phi_{114}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
72115	1200	1604	$\frac{16}{401}$	$\frac{77}{401}$	$\frac{81}{401}$	$\frac{1}{4}$	$\Phi_{1604}\ \Phi_{802}$
72116	1200	260	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{260}^{6}\ \Phi_{130}^{3}\ \Phi_{65}^{3}\ \Phi_{52}^{8}\ \Phi_{26}^{4}\ \Phi_{20}^{3}\ \Phi_{13}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
72117	1200	1980	$\frac{4}{99}$	$\frac{19}{99}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{110}\ \Phi_{90}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
72118	1200	420	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^5\ \Phi_{210}^2\ \Phi_{140}^5\ \Phi_{105}^3\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{35}^3\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
72119	1200	540	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{10}^4$
72120	1200	1820	$\frac{1}{13}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{65}$
72121	1200	220	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{220}^9\ \Phi_{110}^9\ \Phi_{20}^{10}\ \Phi_{10}^{10}$
72122	1200	948	$\frac{4}{79}$	$\frac{1}{6}$	$\frac{15}{79}$	$\frac{1}{4}$	$\Phi_{948}^2\ \Phi_{474}\ \Phi_{316}\ \Phi_{237}\ \Phi_{79}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
72123	1200	1604	$\frac{21}{401}$	$\frac{65}{401}$	$\frac{76}{401}$	$\frac{1}{4}$	$\Phi_{1604}\ \Phi_{802}$
72124	1200	1764	$\frac{4}{49}$	$\frac{1}{9}$	$\frac{9}{49}$	$\frac{1}{4}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{294}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
72125	1200	1604	$\frac{36}{401}$	$\frac{41}{401}$	$\frac{73}{401}$	$\frac{1}{4}$	$\Phi_{1604}\ \Phi_{802}$
72126	1200	1716	$\frac{1}{11}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{4}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{286}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{22}^2$
72127	1200	1604	$\frac{33}{401}$	$\frac{46}{401}$	$\frac{71}{401}$	$\frac{1}{4}$	$\Phi_{1604}\ \Phi_{802}$
72128	1200	204	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{204}^8\ \Phi_{102}^4\ \Phi_{68}^9\ \Phi_{51}^4\ \Phi_{34}^5\ \Phi_{17}^4$
72129	1200	948	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{948}^2\ \Phi_{474}\ \Phi_{316}\ \Phi_{237}\ \Phi_{79}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
72130	1200	396	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{396}^5\ \Phi_{198}^2\ \Phi_{132}^3\ \Phi_{99}^3\ \Phi_{66}\ \Phi_{44}^4\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2$
72131	1200	1316	$\frac{5}{47}$	$\frac{3}{28}$	$\frac{7}{47}$	$\frac{1}{4}$	$\Phi_{1316}\ \Phi_{658}\ \Phi_{329}\ \Phi_{47}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
72132	1200	252	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{252}^5\ \Phi_{126}^5\ \Phi_{84}^5\ \Phi_{63}^6\ \Phi_{42}^5\ \Phi_{36}^6\ \Phi_{21}^6\ \Phi_{18}^6\ \Phi_{12}^6\ \Phi_9^6\ \Phi_6^6\ \Phi_3^6$
72133	1200	1121	$\frac{3}{59}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{14}{59}$	$\Phi_{1121}\ \Phi_{59}^2\ \Phi_{19}^2\ \Phi_1^4$
72134	1200	1770	$\frac{3}{59}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{14}{59}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{590}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
72135	1200	1199	$\frac{63}{1199}$	$\frac{183}{1199}$	$\frac{254}{1199}$	$\frac{284}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
72136	1200	1446	$\frac{13}{241}$	$\frac{1}{6}$	$\frac{46}{241}$	$\frac{57}{241}$	$\Phi_{1446}\ \Phi_{723}\ \Phi_{482}$
72137	1200	1199	$\frac{67}{1199}$	$\frac{194}{1199}$	$\frac{229}{1199}$	$\frac{283}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
72138	1200	1505	$\frac{17}{301}$	$\frac{46}{301}$	$\frac{1}{5}$	$\frac{71}{301}$	$\Phi_{1505}\ \Phi_{215}\ \Phi_{35}$
72139	1200	490	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{23}{98}$	$\Phi_{490}^4\ \Phi_{245}^2\ \Phi_{70}^4\ \Phi_{35}^3\ \Phi_{10}^4\ \Phi_5^2$
72140	1200	1504	$\frac{3}{47}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{11}{47}$	$\Phi_{1504}\ \Phi_{752}\ \Phi_{47}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_1^2$
72141	1200	282	$\frac{3}{47}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{11}{47}$	$\Phi_{282}^4\ \Phi_{141}^4\ \Phi_{94}^4\ \Phi_{47}^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
72142	1200	1199	$\frac{83}{1199}$	$\frac{184}{1199}$	$\frac{203}{1199}$	$\frac{279}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
72143	1200	430	$\frac{3}{43}$	$\frac{11}{86}$	$\frac{1}{5}$	$\frac{10}{43}$	$\Phi_{430}^4\ \Phi_{215}^3\ \Phi_{10}^4\ \Phi_5^2$
72144	1200	1446	$\frac{17}{241}$	$\frac{37}{241}$	$\frac{1}{6}$	$\frac{56}{241}$	$\Phi_{1446}\ \Phi_{723}\ \Phi_{482}$
72145	1200	377	$\frac{1}{13}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{3}{13}$	$\Phi_{377}^3\ \Phi_{29}^4\ \Phi_{13}^6\ \Phi_1^8$
72146	1200	546	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{13}$	$\Phi_{546}^3\ \Phi_{273}^3\ \Phi_{182}^3\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{14}^4$
72147	1200	109	$\frac{9}{109}$	$\frac{14}{109}$	$\frac{19}{109}$	$\frac{25}{109}$	$\Phi_{109}^{11}\ \Phi_1^{12}$
72148	1200	1407	$\frac{17}{201}$	$\frac{1}{7}$	$\frac{31}{201}$	$\frac{46}{201}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{21}$
72149	1200	1199	$\frac{103}{1199}$	$\frac{169}{1199}$	$\frac{185}{1199}$	$\frac{274}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
72150	1200	1446	$\frac{21}{241}$	$\frac{31}{241}$	$\frac{1}{6}$	$\frac{55}{241}$	$\Phi_{1446}\ \Phi_{723}\ \Phi_{482}$
72151	1200	77	$\frac{1}{11}$	$\frac{9}{77}$	$\frac{2}{11}$	$\frac{17}{77}$	$\Phi_{77}^{15}\ \Phi_{11}^{19}\ \Phi_7^{15}\ \Phi_1^{20}$
72152	1200	2080	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{65}$
72153	1200	1504	$\frac{5}{47}$	$\frac{1}{8}$	$\frac{7}{47}$	$\frac{7}{32}$	$\Phi_{1504}\ \Phi_{752}\ \Phi_{47}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_1^2$
72154	1200	2016	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{32}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{63}\ \Phi_{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
72155	1200	1127	$\frac{4}{49}$	$\frac{3}{23}$	$\frac{9}{49}$	$\frac{5}{23}$	$\Phi_{1127}\ \Phi_{161}\ \Phi_{49}^2\ \Phi_{23}^2\ \Phi_7^2\ \Phi_1^4$
72156	1200	1518	$\frac{1}{11}$	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{5}{23}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2$
72157	1200	644	$\frac{3}{28}$	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{5}{23}$	$\Phi_{644}^2\ \Phi_{322}^2\ \Phi_{161}\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{28}^4\ \Phi_{23}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
72158	1200	1199	$\frac{94}{1199}$	$\frac{163}{1199}$	$\frac{221}{1199}$	$\frac{259}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
72159	1200	121	$\frac{1}{11}$	$\frac{17}{121}$	$\frac{19}{121}$	$\frac{26}{121}$	$\Phi_{121}^{10}\ \Phi_{11}^9\ \Phi_1^{10}$
72160	1200	1199	$\frac{101}{1199}$	$\frac{183}{1199}$	$\frac{189}{1199}$	$\frac{254}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
72161	1200	1446	$\frac{19}{241}$	$\frac{37}{241}$	$\frac{1}{6}$	$\frac{51}{241}$	$\Phi_{1446}\ \Phi_{723}\ \Phi_{482}$
72162	1200	1520	$\frac{1}{16}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
72163	1200	1121	$\frac{4}{59}$	$\frac{3}{19}$	$\frac{11}{59}$	$\frac{4}{19}$	$\Phi_{1121}\ \Phi_{59}^2\ \Phi_{19}^2\ \Phi_1^4$
72164	1200	1482	$\frac{1}{13}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{494}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2$
72165	1200	1121	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1121}\ \Phi_{59}^2\ \Phi_{19}^2\ \Phi_1^4$
72166	1200	1463	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1463}\ \Phi_{77}^2$
72167	1200	1296	$\frac{1}{16}$	$\frac{13}{81}$	$\frac{16}{81}$	$\frac{17}{81}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
72168	1200	1199	$\frac{79}{1199}$	$\frac{195}{1199}$	$\frac{224}{1199}$	$\frac{251}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
72169	1200	1313	$\frac{1}{13}$	$\frac{16}{101}$	$\frac{17}{101}$	$\frac{21}{101}$	Φ_{1313}
72170	1200	1199	$\frac{95}{1199}$	$\frac{184}{1199}$	$\frac{203}{1199}$	$\frac{249}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
72171	1200	121	$\frac{1}{11}$	$\frac{16}{121}$	$\frac{21}{121}$	$\frac{25}{121}$	$\Phi_{121}^{10}\ \Phi_{11}^9\ \Phi_1^{10}$
72172	1200	1199	$\frac{104}{1199}$	$\frac{159}{1199}$	$\frac{219}{1199}$	$\frac{245}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
72173	1200	1407	$\frac{16}{201}$	$\frac{1}{7}$	$\frac{37}{201}$	$\frac{41}{201}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{21}$
72174	1200	1199	$\frac{84}{1199}$	$\frac{191}{1199}$	$\frac{223}{1199}$	$\frac{244}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
72175	1200	1446	$\frac{16}{241}$	$\frac{1}{6}$	$\frac{45}{241}$	$\frac{49}{241}$	$\Phi_{1446}\ \Phi_{723}\ \Phi_{482}$
72176	1200	1199	$\frac{64}{1199}$	$\frac{227}{1199}$	$\frac{239}{1199}$	$\frac{243}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
72177	1200	1505	$\frac{16}{301}$	$\frac{57}{301}$	$\frac{1}{5}$	$\frac{61}{301}$	$\Phi_{1505}\ \Phi_{215}\ \Phi_{35}$
72178	1200	185	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{185}^6\ \Phi_{37}^8\ \Phi_5^9\ \Phi_1^{12}$
72179	1200	240	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^3\ \Phi_{60}^6\ \Phi_{48}^8\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^8\ \Phi_{20}^3\ \Phi_{16}^4\ \Phi_{15}^3\ \Phi_{12}^8\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
72180	1200	1770	$\frac{4}{59}$	$\frac{1}{6}$	$\frac{11}{59}$	$\frac{1}{5}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{590}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
72181	1200	215	$\frac{3}{43}$	$\frac{7}{43}$	$\frac{8}{43}$	$\frac{1}{5}$	$\Phi_{215}^7\ \Phi_5^6$
72182	1200	245	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{9}{49}$	$\frac{1}{5}$	$\Phi_{245}^6\ \Phi_{35}^7\ \Phi_5^6$
72183	1200	1505	$\frac{26}{301}$	$\frac{41}{301}$	$\frac{55}{301}$	$\frac{1}{5}$	$\Phi_{1505}\ \Phi_{215}\ \Phi_{35}$
72184	1200	1595	$\frac{1}{11}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{5}$	$\Phi_{1595}\ \Phi_{55}^2$
72185	1200	1505	$\frac{25}{301}$	$\frac{46}{301}$	$\frac{51}{301}$	$\frac{1}{5}$	$\Phi_{1505}\ \Phi_{215}\ \Phi_{35}$
72186	1200	390	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^4\ \Phi_{65}^5$
72187	1200	1770	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{590}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
72188	1200	2310	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}$
72189	1200	140	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{140}^{12}\ \Phi_{70}^{12}\ \Phi_{35}^7\ \Phi_{20}^{12}\ \Phi_{10}^{12}\ \Phi_5^6$
72190	1200	1715	$\frac{6}{49}$	$\frac{43}{343}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{1715}\ \Phi_{35}$
72191	1200	1131	$\frac{4}{39}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{7}{39}$	$\Phi_{1131}\ \Phi_{377}\ \Phi_{87}\ \Phi_{39}^2\ \Phi_{29}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
72192	1200	546	$\frac{4}{39}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{7}{39}$	$\Phi_{546}^3\ \Phi_{273}^2\ \Phi_{182}^3\ \Phi_{91}^2\ \Phi_{42}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^2$
72193	1200	1199	$\frac{124}{1199}$	$\frac{164}{1199}$	$\frac{207}{1199}$	$\frac{215}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
72194	1200	469	$\frac{7}{67}$	$\frac{1}{7}$	$\frac{11}{67}$	$\frac{12}{67}$	$\Phi_{469}^3\ \Phi_7^2$
72195	1200	1199	$\frac{129}{1199}$	$\frac{167}{1199}$	$\frac{197}{1199}$	$\frac{214}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
72196	1200	1446	$\frac{26}{241}$	$\frac{33}{241}$	$\frac{1}{6}$	$\frac{43}{241}$	$\Phi_{1446}\ \Phi_{723}\ \Phi_{482}$
72197	1200	522	$\frac{1}{9}$	$\frac{4}{29}$	$\frac{1}{6}$	$\frac{5}{29}$	$\Phi_{522}^3\ \Phi_{261}^2\ \Phi_{174}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{18}^6\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
72198	1200	1359	$\frac{1}{9}$	$\frac{21}{151}$	$\frac{25}{151}$	$\frac{26}{151}$	$\Phi_{1359}\ \Phi_{453}$
72199	1200	1199	$\frac{125}{1199}$	$\frac{179}{1199}$	$\frac{199}{1199}$	$\frac{204}{1199}$	$\Phi_{1199}\ \Phi_{109}\ \Phi_{11}\ \Phi_1^2$
72200	1200	1446	$\frac{25}{241}$	$\frac{36}{241}$	$\frac{1}{6}$	$\frac{41}{241}$	$\Phi_{1446}\ \Phi_{723}\ \Phi_{482}$
72201	1200	282	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{282}^4\ \Phi_{141}^4\ \Phi_{94}^4\ \Phi_{47}^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
72202	1200	126	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{126}^{12}\ \Phi_{63}^{13}\ \Phi_{42}^8\ \Phi_{21}^9\ \Phi_{14}^8\ \Phi_7^8$
72203	1201	1920	$\frac{1}{240}$	$\frac{241}{960}$	$\frac{719}{1920}$	$\frac{239}{480}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{32}\ \Phi_1$
72204	1201	2376	$\frac{13}{1188}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1175}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{88}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
72205	1201	1608	$\frac{5}{402}$	$\frac{1}{6}$	$\frac{407}{1608}$	$\frac{397}{804}$	$\Phi_{1608}\ \Phi_{536}\ \Phi_{402}\ \Phi_{201}\ \Phi_{134}\ \Phi_{67}\ \Phi_{24}\ \Phi_8\ \Phi_1$
72206	1201	2240	$\frac{1}{80}$	$\frac{81}{1120}$	$\frac{1039}{2240}$	$\frac{79}{160}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{160}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
72207	1201	2368	$\frac{17}{1184}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{1167}{2368}$	$\Phi_{2368}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
72208	1201	1376	$\frac{3}{172}$	$\frac{175}{1376}$	$\frac{1}{4}$	$\frac{169}{344}$	$\Phi_{1376}\ \Phi_{688}\ \Phi_{172}\ \Phi_{86}\ \Phi_{43}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
72209	1201	2304	$\frac{1}{48}$	$\frac{49}{1152}$	$\frac{1103}{2304}$	$\frac{47}{96}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{96}\ \Phi_{32}\ \Phi_1$
72210	1201	1728	$\frac{1}{48}$	$\frac{49}{576}$	$\frac{527}{1728}$	$\frac{47}{96}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_1$
72211	1201	1344	$\frac{1}{48}$	$\frac{143}{1344}$	$\frac{49}{192}$	$\frac{47}{96}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
72212	1201	1536	$\frac{1}{48}$	$\frac{49}{384}$	$\frac{335}{1536}$	$\frac{47}{96}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_{96}\ \Phi_{32}\ \Phi_1$
72213	1201	1440	$\frac{1}{48}$	$\frac{239}{1440}$	$\frac{49}{288}$	$\frac{47}{96}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
72214	1201	2352	$\frac{25}{1176}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1151}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{112}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
72215	1201	2340	$\frac{31}{1170}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1139}{2340}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{180}\ \Phi_{156}\ \Phi_{60}\ \Phi_{52}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
72216	1201	1620	$\frac{14}{405}$	$\frac{1}{15}$	$\frac{419}{1620}$	$\frac{391}{810}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
72217	1201	2304	$\frac{1}{24}$	$\frac{49}{1152}$	$\frac{23}{72}$	$\frac{1103}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
72218	1201	2304	$\frac{49}{1152}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1103}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
72219	1201	1632	$\frac{1}{24}$	$\frac{23}{408}$	$\frac{431}{1632}$	$\frac{385}{816}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{96}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_1$
72220	1201	1320	$\frac{9}{110}$	$\frac{119}{1320}$	$\frac{1}{10}$	$\frac{101}{220}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{22}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
72221	1201	2200	$\frac{9}{110}$	$\frac{101}{1100}$	$\frac{1}{10}$	$\frac{999}{2200}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{200}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
72222	1201	1350	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{149}{1350}$	$\frac{121}{270}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{135}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}\ \Phi_9\ \Phi_1$
72223	1201	1232	$\frac{31}{1232}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{176}\ \Phi_{154}\ \Phi_{112}\ \Phi_{88}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{16}\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_1$
72224	1201	2160	$\frac{1}{60}$	$\frac{121}{1080}$	$\frac{59}{180}$	$\frac{959}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
72225	1201	2160	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{121}{1080}$	$\frac{959}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{135}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{27}\ \Phi_{16}\ \Phi_9\ \Phi_1$
72226	1201	1400	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{199}{1400}$	$\frac{151}{350}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
72227	1201	1680	$\frac{1}{60}$	$\frac{59}{420}$	$\frac{479}{1680}$	$\frac{361}{840}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
72228	1201	2100	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{151}{1050}$	$\frac{899}{2100}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
72229	1201	2064	$\frac{3}{172}$	$\frac{169}{1032}$	$\frac{1}{4}$	$\frac{863}{2064}$	$\Phi_{2064}\ \Phi_{688}\ \Phi_{172}\ \Phi_{86}\ \Phi_{48}\ \Phi_{43}\ \Phi_{16}\ \Phi_{1}$
72230	1201	1500	$\frac{1}{50}$	$\frac{49}{250}$	$\frac{299}{1500}$	$\frac{201}{500}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{375}\ \Phi_{300}\ \Phi_{250}\ \Phi_{150}\ \Phi_{125}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
72231	1201	2000	$\frac{1}{50}$	$\frac{49}{250}$	$\frac{201}{1000}$	$\frac{799}{2000}$	$\Phi_{2000}\ \Phi_{400}\ \Phi_{250}\ \Phi_{125}\ \Phi_{80}\ \Phi_{16}\ \Phi_{1}$
72232	1201	1280	$\frac{79}{1280}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
72233	1201	1920	$\frac{1}{80}$	$\frac{79}{320}$	$\frac{241}{960}$	$\frac{719}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
72234	1201	1224	$\frac{23}{1224}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{136}\ \Phi_{102}\ \Phi_{72}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{24}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
72235	1201	1260	$\frac{59}{1260}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
72236	1201	1824	$\frac{15}{304}$	$\frac{1}{16}$	$\frac{289}{912}$	$\frac{623}{1824}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{96}\ \Phi_{76}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{1}$
72237	1201	1296	$\frac{1}{24}$	$\frac{95}{1296}$	$\frac{23}{72}$	$\frac{49}{144}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
72238	1201	1440	$\frac{1}{60}$	$\frac{239}{1440}$	$\frac{59}{180}$	$\frac{121}{360}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
72239	1201	1800	$\frac{1}{150}$	$\frac{149}{450}$	$\frac{599}{1800}$	$\frac{301}{900}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
72240	1201	1620	$\frac{1}{60}$	$\frac{121}{540}$	$\frac{419}{1620}$	$\frac{59}{180}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{162}\ \Phi_{90}\ \Phi_{81}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
72241	1201	1548	$\frac{3}{172}$	$\frac{347}{1548}$	$\frac{1}{4}$	$\frac{169}{516}$	$\Phi_{1548}\ \Phi_{774}\ \Phi_{387}\ \Phi_{172}\ \Phi_{86}\ \Phi_{43}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
72242	1201	1782	$\frac{13}{594}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{581}{1782}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{162}\ \Phi_{81}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
72243	1201	1728	$\frac{1}{24}$	$\frac{49}{576}$	$\frac{527}{1728}$	$\frac{23}{72}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
72244	1201	1440	$\frac{1}{24}$	$\frac{239}{1440}$	$\frac{49}{288}$	$\frac{23}{72}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
72245	1201	1764	$\frac{25}{588}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{563}{1764}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{441}\ \Phi_{252}\ \Phi_{126}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
72246	1201	1755	$\frac{31}{585}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{554}{1755}$	$\Phi_{1755}\ \Phi_{351}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
72247	1201	1728	$\frac{1}{16}$	$\frac{49}{576}$	$\frac{15}{64}$	$\frac{527}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{64}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{1}$
72248	1201	1260	$\frac{59}{1260}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
72249	1201	1575	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{374}{1575}$	$\frac{151}{525}$	$\Phi_{1575}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
72250	1201	1584	$\frac{13}{396}$	$\frac{1}{6}$	$\frac{383}{1584}$	$\frac{5}{18}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{88}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
72251	1201	1242	$\frac{41}{1242}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{1242}\ \Phi_{621}\ \Phi_{414}\ \Phi_{207}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
72252	1201	1386	$\frac{13}{198}$	$\frac{185}{1386}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{126}\ \Phi_{77}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
72253	1201	1296	$\frac{95}{1296}$	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
72254	1201	1650	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{550}$	$\frac{449}{1650}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{330}\ \Phi_{165}\ \Phi_{150}\ \Phi_{110}\ \Phi_{75}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
72255	1201	1620	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{121}{540}$	$\frac{419}{1620}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{162}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
72256	1201	1344	$\frac{1}{16}$	$\frac{143}{1344}$	$\frac{15}{64}$	$\frac{49}{192}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
72257	1201	1568	$\frac{25}{392}$	$\frac{3}{28}$	$\frac{367}{1568}$	$\frac{1}{4}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{224}\ \Phi_{112}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
72258	1201	1344	$\frac{143}{1344}$	$\frac{3}{28}$	$\frac{25}{168}$	$\frac{1}{4}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{112}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
72259	1201	1372	$\frac{3}{28}$	$\frac{171}{1372}$	$\frac{25}{196}$	$\frac{1}{4}$	$\Phi_{1372}\ \Phi_{686}\ \Phi_{343}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
72260	1201	1536	$\frac{1}{16}$	$\frac{49}{384}$	$\frac{335}{1536}$	$\frac{15}{64}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
72261	1202	3570	$\frac{6}{595}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{589}{1190}$	$\Phi_{3570}\ \Phi_{714}\ \Phi_{510}\ \Phi_{210}\ \Phi_{102}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{6}$
72262	1202	2064	$\frac{1}{86}$	$\frac{87}{688}$	$\frac{1}{3}$	$\frac{85}{172}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{258}\ \Phi_{129}\ \Phi_{48}\ \Phi_{24}\ \Phi_{6}$
72263	1202	1176	$\frac{13}{588}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{575}{1176}$	$\Phi_{1176}^2\ \Phi_{392}^2\ \Phi_{168}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{8}^2\ \Phi_{6}$
72264	1202	1848	$\frac{15}{616}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{24}\ \Phi_{21}\ \Phi_{6}$
72265	1202	3354	$\frac{1}{43}$	$\frac{42}{559}$	$\frac{1}{3}$	$\frac{517}{1118}$	$\Phi_{3354}\ \Phi_{258}\ \Phi_{129}\ \Phi_{78}\ \Phi_{6}$
72266	1202	1032	$\frac{1}{86}$	$\frac{85}{516}$	$\frac{1}{3}$	$\frac{431}{1032}$	$\Phi_{1032}^2\ \Phi_{344}^2\ \Phi_{258}\ \Phi_{129}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{6}$
72267	1202	774	$\frac{1}{86}$	$\frac{173}{774}$	$\frac{85}{258}$	$\frac{1}{3}$	$\Phi_{774}^2\ \Phi_{387}^2\ \Phi_{258}\ \Phi_{129}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{6}$
72268	1202	882	$\frac{13}{294}$	$\frac{1}{14}$	$\frac{281}{882}$	$\frac{1}{3}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{6}$
72269	1202	630	$\frac{29}{630}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{9}^2\ \Phi_{6}\ \Phi_{5}^2$
72270	1202	2352	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{183}{784}$	$\frac{1}{3}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{336}\ \Phi_{168}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{6}$
72271	1202	630	$\frac{29}{630}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
72272	1202	714	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{113}{714}$	$\frac{1}{3}$	$\Phi_{714}^2\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{42}^2\ \Phi_{34}^2\ \Phi_{21}^2\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
72273	1202	672	$\frac{1}{14}$	$\frac{71}{672}$	$\frac{13}{84}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{6}$
72274	1202	2058	$\frac{1}{14}$	$\frac{85}{686}$	$\frac{13}{98}$	$\frac{1}{3}$	$\Phi_{2058}\ \Phi_{1029}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
72275	1203	1596	$\frac{2}{399}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{397}{798}$	$\Phi_{1596}\ \Phi_{532}\ \Phi_{399}\ \Phi_{228}\ \Phi_{133}\ \Phi_{84}\ \Phi_{76}\ \Phi_{57}\ \Phi_{28}\ \Phi_{21}\ \Phi_{19}\ \Phi_{12}^2\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
72276	1203	536	$\frac{1}{134}$	$\frac{1}{4}$	$\frac{135}{536}$	$\frac{133}{268}$	$\Phi_{536}^3\ \Phi_{268}^2\ \Phi_{134}\ \Phi_{67}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
72277	1203	792	$\frac{5}{396}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{391}{792}$	$\Phi_{792}^3\ \Phi_{264}^3\ \Phi_{88}^3\ \Phi_{72}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_{8}^3\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
72278	1203	408	$\frac{7}{408}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{408}^3\ \Phi_{204}^3\ \Phi_{136}^3\ \Phi_{102}^3\ \Phi_{68}^3\ \Phi_{51}^3\ \Phi_{34}^3\ \Phi_{24}^3\ \Phi_{17}^3\ \Phi_{12}^2\ \Phi_{8}^3\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
72279	1203	1340	$\frac{1}{67}$	$\frac{66}{335}$	$\frac{1}{4}$	$\frac{269}{670}$	$\Phi_{1340}\ \Phi_{335}\ \Phi_{268}^2\ \Phi_{134}\ \Phi_{67}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
72280	1203	405	$\frac{4}{405}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{405}^3\ \Phi_{135}^3\ \Phi_{81}^3\ \Phi_{45}^3\ \Phi_{27}^3\ \Phi_{15}^2\ \Phi_{9}^3\ \Phi_{5}^3\ \Phi_{3}\ \Phi_{1}^3$
72281	1203	456	$\frac{2}{57}$	$\frac{55}{456}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{456}^3\ \Phi_{228}^2\ \Phi_{152}^3\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{24}^3\ \Phi_{19}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
72282	1203	420	$\frac{19}{420}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^2\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_{7}^3\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
72283	1203	1188	$\frac{5}{198}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{193}{594}$	$\Phi_{1188}^2\ \Phi_{594}\ \Phi_{297}\ \Phi_{108}^2\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
72284	1203	828	$\frac{13}{414}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{828}^2\ \Phi_{414}\ \Phi_{276}^2\ \Phi_{207}\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
72285	1203	528	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{127}{528}$	$\frac{1}{4}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{88}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_{8}^3\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
72286	1203	432	$\frac{31}{432}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{48}^3\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_{8}^3\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
72287	1203	924	$\frac{5}{66}$	$\frac{61}{462}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{924}^2\ \Phi_{462}\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}\ \Phi_{84}^2\ \Phi_{77}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
72288	1204	600	$\frac{1}{300}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{299}{600}$	$\Phi_{600}^4\ \Phi_{200}^4\ \Phi_{120}^4\ \Phi_{40}^4\ \Phi_{24}^4\ \Phi_{8}^4\ \Phi_{3}\ \Phi_{1}^2$
72289	1204	402	$\frac{1}{201}$	$\frac{101}{402}$	$\frac{1}{3}$	$\frac{100}{201}$	$\Phi_{402}^4\ \Phi_{201}^2\ \Phi_{134}^4\ \Phi_{67}^2\ \Phi_{6}^4\ \Phi_{3}\ \Phi_{2}^4\ \Phi_{1}^2$
72290	1204	684	$\frac{1}{171}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{85}{171}$	$\Phi_{684}^3\ \Phi_{228}^3\ \Phi_{171}\ \Phi_{76}^3\ \Phi_{57}\ \Phi_{36}^3\ \Phi_{19}\ \Phi_{12}^4\ \Phi_{9}\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{1}^2$
72291	1204	171	$\frac{1}{171}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{85}{171}$	$\Phi_{171}^7\ \Phi_{57}^7\ \Phi_{19}^7\ \Phi_{9}^8\ \Phi_{3}^7\ \Phi_{1}^8$
72292	1204	401	$\frac{3}{401}$	$\frac{100}{401}$	$\frac{101}{401}$	$\frac{199}{401}$	$\Phi_{401}^3\ \Phi_{1}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
72293	1204	1105	$\frac{1}{85}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{42}{85}$	$\Phi_{1105}\ \Phi_{221}\ \Phi_{85}^2\ \Phi_{65}\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
72294	1204	2040	$\frac{1}{85}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{42}{85}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{204}\ \Phi_{120}\ \Phi_{102}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
72295	1204	401	$\frac{5}{401}$	$\frac{29}{401}$	$\frac{186}{401}$	$\frac{198}{401}$	$\Phi_{401}^3\ \Phi_1^4$
72296	1204	594	$\frac{4}{297}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{293}{594}$	$\Phi_{594}^4\ \Phi_{198}^4\ \Phi_{66}^4\ \Phi_{54}^4\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
72297	1204	1005	$\frac{1}{67}$	$\frac{34}{335}$	$\frac{1}{3}$	$\frac{33}{67}$	$\Phi_{1005}^2\ \Phi_{201}\ \Phi_{15}^2$
72298	1204	1384	$\frac{3}{173}$	$\frac{1}{8}$	$\frac{44}{173}$	$\frac{85}{173}$	$\Phi_{1384}\ \Phi_{692}\ \Phi_{346}$
72299	1204	1203	$\frac{25}{1203}$	$\frac{128}{1203}$	$\frac{307}{1203}$	$\frac{589}{1203}$	$\Phi_{1203}\ \Phi_{401}\ \Phi_3\ \Phi_1^2$
72300	1204	603	$\frac{13}{603}$	$\frac{44}{603}$	$\frac{1}{3}$	$\frac{295}{603}$	$\Phi_{603}^2\ \Phi_{201}^2\ \Phi_{67}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
72301	1204	756	$\frac{1}{42}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{41}{84}$	$\Phi_{756}^3\ \Phi_{252}^3\ \Phi_{108}^3\ \Phi_{84}^4\ \Phi_{36}^3\ \Phi_{28}^4\ \Phi_{27}\ \Phi_{12}^4\ \Phi_9\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
72302	1204	420	$\frac{1}{42}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{420}^6\ \Phi_{140}^6\ \Phi_{84}^4\ \Phi_{60}^6\ \Phi_{28}^4\ \Phi_{20}^6\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
72303	1204	252	$\frac{1}{42}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{41}{84}$	$\Phi_{252}^9\ \Phi_{84}^{10}\ \Phi_{36}^9\ \Phi_{28}^{10}\ \Phi_{12}^{10}\ \Phi_9^3\ \Phi_4^{10}\ \Phi_3^3\ \Phi_1^4$
72304	1204	840	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{41}{84}$	$\Phi_{840}^2\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
72305	1204	870	$\frac{1}{29}$	$\frac{1}{15}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{870}^2\ \Phi_{435}\ \Phi_{290}^2\ \Phi_{174}^2\ \Phi_{145}\ \Phi_{87}\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6^2$
72306	1204	135	$\frac{1}{27}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{135}^9\ \Phi_{45}^{10}\ \Phi_{27}^7\ \Phi_{15}^{10}\ \Phi_9^8\ \Phi_5^{10}\ \Phi_3^7\ \Phi_1^8$
72307	1204	189	$\frac{1}{27}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{13}{27}$	$\Phi_{189}^6\ \Phi_{63}^7\ \Phi_{27}^7\ \Phi_{21}^6\ \Phi_9^8\ \Phi_7^6\ \Phi_3^7\ \Phi_1^8$
72308	1204	1512	$\frac{1}{27}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{13}{27}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
72309	1204	432	$\frac{1}{27}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{13}{27}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{48}^4\ \Phi_{36}^3\ \Phi_{27}\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_9\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
72310	1204	1323	$\frac{1}{27}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{13}{27}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{147}\ \Phi_{49}^2\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
72311	1204	2320	$\frac{1}{29}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{2320}\ \Phi_{464}\ \Phi_{116}\ \Phi_{58}$
72312	1204	1716	$\frac{1}{44}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{429}\ \Phi_{156}\ \Phi_{132}^2\ \Phi_{78}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{12}^2\ \Phi_6^2$
72313	1204	585	$\frac{2}{45}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{117}^2\ \Phi_{65}\ \Phi_{45}^4\ \Phi_{39}^2\ \Phi_{15}^4\ \Phi_{13}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
72314	1204	663	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{8}{51}$	$\frac{6}{13}$	$\Phi_{663}^2\ \Phi_{221}\ \Phi_{51}^4\ \Phi_{39}^2\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_3^4\ \Phi_1^4$
72315	1204	1276	$\frac{1}{44}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{1276}\ \Phi_{638}\ \Phi_{319}\ \Phi_{116}\ \Phi_{58}$
72316	1204	306	$\frac{5}{306}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{306}^4\ \Phi_{153}^4\ \Phi_{102}^4\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{18}^4\ \Phi_{17}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
72317	1204	1608	$\frac{1}{67}$	$\frac{33}{268}$	$\frac{1}{3}$	$\frac{235}{536}$	$\Phi_{1608}^2\ \Phi_{201}\ \Phi_{24}^2$
72318	1204	1203	$\frac{20}{1203}$	$\frac{169}{1203}$	$\frac{343}{1203}$	$\frac{517}{1203}$	$\Phi_{1203}\ \Phi_{401}\ \Phi_3\ \Phi_1^2$
72319	1204	603	$\frac{8}{603}$	$\frac{85}{603}$	$\frac{1}{3}$	$\frac{259}{603}$	$\Phi_{603}^2\ \Phi_{201}^2\ \Phi_{67}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
72320	1204	348	$\frac{1}{87}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{348}^6\ \Phi_{116}^6\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
72321	1204	228	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{14}{57}$	$\frac{5}{12}$	$\Phi_{228}^9\ \Phi_{76}^9\ \Phi_{57}^3\ \Phi_{19}^3\ \Phi_{12}^{10}\ \Phi_4^{10}\ \Phi_3^3\ \Phi_1^4$
72322	1204	660	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^3\ \Phi_{165}^2\ \Phi_{110}^3\ \Phi_{60}\ \Phi_{55}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
72323	1204	180	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{180}^{12}\ \Phi_{60}^{12}\ \Phi_{45}^4\ \Phi_{36}^9\ \Phi_{20}^{12}\ \Phi_{15}^4\ \Phi_{12}^{10}\ \Phi_9^3\ \Phi_5^4\ \Phi_4^{10}\ \Phi_3^3\ \Phi_1^4$
72324	1204	1140	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1140}^2\ \Phi_{380}^2\ \Phi_{228}\ \Phi_{95}^2\ \Phi_{76}\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
72325	1204	1005	$\frac{2}{201}$	$\frac{199}{1005}$	$\frac{1}{3}$	$\frac{403}{1005}$	$\Phi_{1005}\ \Phi_{335}\ \Phi_{201}^2\ \Phi_{67}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
72326	1204	870	$\frac{1}{87}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{870}^2\ \Phi_{435}\ \Phi_{290}^2\ \Phi_{174}^2\ \Phi_{145}\ \Phi_{58}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
72327	1204	1392	$\frac{1}{29}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}$
72328	1204	1914	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{1914}\ \Phi_{638}\ \Phi_{319}\ \Phi_{174}\ \Phi_{58}$
72329	1204	303	$\frac{2}{303}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{303}^4\ \Phi_{101}^4\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
72330	1204	450	$\frac{1}{150}$	$\frac{149}{450}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{90}^4\ \Phi_{45}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
72331	1204	912	$\frac{3}{304}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}^2\ \Phi_{228}\ \Phi_{152}^2\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}^2\ \Phi_{24}\ \Phi_{19}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
72332	1204	1200	$\frac{1}{100}$	$\frac{99}{400}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}^2\ \Phi_{240}\ \Phi_{200}^2\ \Phi_{120}\ \Phi_{80}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
72333	1204	261	$\frac{1}{87}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{261}^6\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
72334	1204	915	$\frac{4}{305}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{915}\ \Phi_{305}^2\ \Phi_{183}\ \Phi_{61}^2\ \Phi_3\ \Phi_1^2$
72335	1204	375	$\frac{1}{75}$	$\frac{74}{375}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{375}^4\ \Phi_{125}^4\ \Phi_3\ \Phi_1^2$
72336	1204	306	$\frac{5}{306}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{306}^4\ \Phi_{153}^4\ \Phi_{102}^4\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{18}^4\ \Phi_{17}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
72337	1204	360	$\frac{1}{60}$	$\frac{59}{360}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
72338	1204	150	$\frac{1}{50}$	$\frac{7}{50}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{150}^6\ \Phi_{75}^6\ \Phi_{50}^{12}\ \Phi_{30}^6\ \Phi_{25}^{12}\ \Phi_{15}^6\ \Phi_{10}^{12}\ \Phi_6^6\ \Phi_5^{12}\ \Phi_3^7\ \Phi_2^{12}\ \Phi_1^{14}$
72339	1204	615	$\frac{13}{615}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{615}^2\ \Phi_{205}^2\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_3\ \Phi_1^2$
72340	1204	264	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{264}^4\ \Phi_{132}^3\ \Phi_{88}^8\ \Phi_{66}^3\ \Phi_{44}^6\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^6\ \Phi_{12}^2\ \Phi_{11}^6\ \Phi_8^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
72341	1204	675	$\frac{2}{75}$	$\frac{73}{675}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
72342	1204	930	$\frac{9}{310}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{930}\ \Phi_{465}\ \Phi_{310}^2\ \Phi_{186}\ \Phi_{155}^2\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_3\ \Phi_1^2$
72343	1204	330	$\frac{1}{30}$	$\frac{29}{330}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{55}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_3\ \Phi_1^2$
72344	1204	312	$\frac{11}{312}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{312}^4\ \Phi_{156}^4\ \Phi_{104}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{24}^4\ \Phi_{13}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
72345	1204	975	$\frac{1}{25}$	$\frac{24}{325}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{975}\ \Phi_{325}^2\ \Phi_{195}\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
72346	1204	45	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{45}^{28}\ \Phi_{15}^{24}\ \Phi_9^{28}\ \Phi_5^{24}\ \Phi_3^{25}\ \Phi_1^{26}$
72347	1204	960	$\frac{1}{20}$	$\frac{19}{320}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}^2\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
72348	1204	891	$\frac{8}{297}$	$\frac{1}{9}$	$\frac{289}{891}$	$\frac{1}{3}$	$\Phi_{891}^2\ \Phi_{81}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
72349	1204	315	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{315}^6\ \Phi_{63}^4\ \Phi_{45}^6\ \Phi_{15}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
72350	1204	621	$\frac{19}{621}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{621}^2\ \Phi_{207}^2\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
72351	1204	402	$\frac{1}{67}$	$\frac{33}{134}$	$\frac{101}{402}$	$\frac{1}{3}$	$\Phi_{402}^2\ \Phi_{201}^3\ \Phi_{134}^4\ \Phi_{67}^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
72352	1204	171	$\frac{1}{57}$	$\frac{2}{9}$	$\frac{14}{57}$	$\frac{1}{3}$	$\Phi_{171}^9\ \Phi_{57}^3\ \Phi_{19}^3\ \Phi_9^{10}\ \Phi_3^3\ \Phi_1^4$
72353	1204	396	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{95}{396}$	$\frac{1}{3}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{36}^4\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
72354	1204	840	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{84}\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
72355	1204	1980	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{220}\ \Phi_{180}\ \Phi_{110}\ \Phi_{90}\ \Phi_{55}\ \Phi_{20}\ \Phi_{10}$
72356	1204	342	$\frac{7}{171}$	$\frac{41}{342}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{342}^4\ \Phi_{171}^3\ \Phi_{114}^4\ \Phi_{57}^3\ \Phi_{38}^4\ \Phi_{19}^3\ \Phi_{18}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
72357	1204	45	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{45}^{28}\ \Phi_{15}^{28}\ \Phi_9^{22}\ \Phi_5^{28}\ \Phi_3^{21}\ \Phi_1^{22}$
72358	1204	855	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{855}^2\ \Phi_{171}\ \Phi_{95}^2\ \Phi_{45}^2\ \Phi_{19}\ \Phi_9^2\ \Phi_5^2\ \Phi_1^2$
72359	1204	360	$\frac{2}{45}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^3\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^3\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
72360	1204	105	$\frac{1}{15}$	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{105}^{11}\ \Phi_{35}^{11}\ \Phi_{21}^{12}\ \Phi_{15}^{13}\ \Phi_7^{12}\ \Phi_5^{13}\ \Phi_3^{13}\ \Phi_1^{14}$
72361	1204	240	$\frac{1}{15}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^6\ \Phi_{60}^6\ \Phi_{48}^4\ \Phi_{40}^6\ \Phi_{24}^4\ \Phi_{20}^6\ \Phi_{16}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_8^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
72362	1204	408	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{8}{51}$	$\frac{1}{3}$	$\Phi_{408}^3\ \Phi_{204}^3\ \Phi_{136}^4\ \Phi_{102}^3\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
72363	1204	324	$\frac{23}{324}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{108}^4\ \Phi_{81}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
72364	1204	735	$\frac{1}{15}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}\ \Phi_{49}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
72365	1204	99	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{13}{99}$	$\frac{1}{3}$	$\Phi_{99}^{12}\ \Phi_{33}^{12}\ \Phi_{11}^{12}\ \Phi_{9}^{14}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
72366	1204	63	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{20}{63}$	$\Phi_{63}^{19}\ \Phi_{21}^{18}\ \Phi_{9}^{22}\ \Phi_{7}^{18}\ \Phi_{3}^{21}\ \Phi_{1}^{22}$
72367	1204	2520	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{20}{63}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
72368	1204	1740	$\frac{1}{29}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}$
72369	1204	504	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{13}{56}$	$\Phi_{504}^{3}\ \Phi_{252}^{3}\ \Phi_{168}^{3}\ \Phi_{84}^{3}\ \Phi_{72}^{3}\ \Phi_{56}^{4}\ \Phi_{36}^{3}\ \Phi_{28}^{4}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
72370	1204	280	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{13}{56}$	$\Phi_{280}^{5}\ \Phi_{140}^{5}\ \Phi_{70}^{6}\ \Phi_{40}^{6}\ \Phi_{35}^{6}\ \Phi_{20}^{6}\ \Phi_{10}^{7}\ \Phi_{5}^{6}$
72371	1204	144	$\frac{5}{48}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{2}{9}$	$\Phi_{144}^{9}\ \Phi_{72}^{9}\ \Phi_{48}^{10}\ \Phi_{36}^{9}\ \Phi_{24}^{10}\ \Phi_{16}^{10}\ \Phi_{12}^{10}\ \Phi_{9}^{3}\ \Phi_{8}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
72372	1204	441	$\frac{1}{9}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{2}{9}$	$\Phi_{441}^{3}\ \Phi_{147}^{3}\ \Phi_{49}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
72373	1204	240	$\frac{5}{48}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{240}^{7}\ \Phi_{120}^{5}\ \Phi_{80}^{7}\ \Phi_{60}^{5}\ \Phi_{40}^{6}\ \Phi_{30}^{6}\ \Phi_{20}^{6}\ \Phi_{15}^{6}\ \Phi_{10}^{7}\ \Phi_{5}^{6}$
72374	1204	1960	$\frac{6}{49}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
72375	1205	480	$\frac{1}{240}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{239}{480}$	$\Phi_{480}^{5}\ \Phi_{160}^{5}\ \Phi_{96}^{5}\ \Phi_{32}^{5}\ \Phi_{8}\ \Phi_{1}$
72376	1205	2064	$\frac{1}{172}$	$\frac{173}{1032}$	$\frac{859}{2064}$	$\frac{171}{344}$	$\Phi_{2064}\ \Phi_{688}\ \Phi_{344}\ \Phi_{48}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
72377	1205	476	$\frac{3}{238}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{235}{476}$	$\Phi_{476}^{5}\ \Phi_{68}^{5}\ \Phi_{28}^{5}\ \Phi_{7}^{2}\ \Phi_{4}^{5}\ \Phi_{1}^{3}$
72378	1205	2352	$\frac{29}{1176}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{1147}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
72379	1205	2352	$\frac{29}{1176}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1147}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{112}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
72380	1205	1624	$\frac{13}{406}$	$\frac{1}{14}$	$\frac{419}{1624}$	$\frac{393}{812}$	$\Phi_{1624}\ \Phi_{406}\ \Phi_{232}\ \Phi_{203}\ \Phi_{58}\ \Phi_{56}\ \Phi_{29}\ \Phi_{8}\ \Phi_{1}$
72381	1205	1568	$\frac{1}{28}$	$\frac{29}{392}$	$\frac{363}{1568}$	$\frac{27}{56}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
72382	1205	1344	$\frac{1}{28}$	$\frac{139}{1344}$	$\frac{29}{168}$	$\frac{27}{56}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{112}\ \Phi_{96}\ \Phi_{64}\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
72383	1205	462	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{221}{462}$	$\Phi_{462}^{2}\ \Phi_{231}^{3}\ \Phi_{154}^{2}\ \Phi_{77}^{3}\ \Phi_{66}^{3}\ \Phi_{42}^{2}\ \Phi_{33}^{4}\ \Phi_{22}^{3}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{11}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
72384	1205	264	$\frac{1}{22}$	$\frac{23}{264}$	$\frac{1}{6}$	$\frac{21}{44}$	$\Phi_{264}^{5}\ \Phi_{132}^{3}\ \Phi_{88}^{5}\ \Phi_{66}^{5}\ \Phi_{44}^{4}\ \Phi_{33}^{5}\ \Phi_{24}^{5}\ \Phi_{22}^{5}\ \Phi_{12}^{3}\ \Phi_{11}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
72385	1205	448	$\frac{1}{28}$	$\frac{17}{224}$	$\frac{27}{112}$	$\frac{207}{448}$	$\Phi_{448}^{5}\ \Phi_{112}\ \Phi_{64}^{5}\ \Phi_{56}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
72386	1205	1320	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{1}{6}$	$\frac{199}{440}$	$\Phi_{1320}^{2}\ \Phi_{440}\ \Phi_{264}^{2}\ \Phi_{120}^{2}\ \Phi_{88}\ \Phi_{66}^{2}\ \Phi_{40}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
72387	1205	245	$\frac{4}{245}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{245}^{5}\ \Phi_{49}^{5}\ \Phi_{35}^{5}\ \Phi_{7}^{2}\ \Phi_{5}^{5}\ \Phi_{1}^{3}$
72388	1205	2064	$\frac{1}{86}$	$\frac{173}{1032}$	$\frac{85}{258}$	$\frac{859}{2064}$	$\Phi_{2064}\ \Phi_{688}\ \Phi_{258}\ \Phi_{129}\ \Phi_{48}\ \Phi_{16}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
72389	1205	344	$\frac{1}{86}$	$\frac{17}{86}$	$\frac{103}{344}$	$\frac{69}{172}$	$\Phi_{344}^{5}\ \Phi_{86}^{4}\ \Phi_{43}^{4}\ \Phi_{8}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
72390	1205	1344	$\frac{1}{28}$	$\frac{139}{1344}$	$\frac{27}{112}$	$\frac{85}{224}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
72391	1205	1944	$\frac{2}{243}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{243}\ \Phi_{216}\ \Phi_{81}\ \Phi_{72}\ \Phi_{27}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
72392	1205	360	$\frac{1}{120}$	$\frac{1}{4}$	$\frac{119}{360}$	$\frac{3}{8}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{90}^{5}\ \Phi_{72}^{5}\ \Phi_{45}^{5}\ \Phi_{36}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{8}\ \Phi_{1}$
72393	1205	1216	$\frac{11}{1216}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{64}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
72394	1205	488	$\frac{3}{244}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{488}^{4}\ \Phi_{244}\ \Phi_{122}\ \Phi_{61}\ \Phi_{8}\ \Phi_{1}$
72395	1205	320	$\frac{1}{80}$	$\frac{79}{320}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{320}^{5}\ \Phi_{160}^{5}\ \Phi_{64}^{5}\ \Phi_{32}^{5}\ \Phi_{8}\ \Phi_{1}$
72396	1205	1224	$\frac{19}{1224}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{136}\ \Phi_{102}\ \Phi_{72}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
72397	1205	1960	$\frac{4}{245}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1960}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{56}\ \Phi_{49}\ \Phi_{35}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
72398	1205	600	$\frac{1}{60}$	$\frac{59}{300}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{600}^{4}\ \Phi_{300}\ \Phi_{200}^{4}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
72399	1205	984	$\frac{5}{246}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{984}^{2}\ \Phi_{328}^{2}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_{8}\ \Phi_{1}$
72400	1205	288	$\frac{1}{48}$	$\frac{47}{288}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{288}^{5}\ \Phi_{144}^{5}\ \Phi_{96}^{5}\ \Phi_{72}^{5}\ \Phi_{36}^{5}\ \Phi_{32}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
72401	1205	280	$\frac{1}{40}$	$\frac{39}{280}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^5\ \Phi_{140}^5\ \Phi_{70}^5\ \Phi_{56}^5\ \Phi_{35}^5\ \Phi_{28}^5\ \Phi_{14}^5\ \Phi_8\ \Phi_7^5\ \Phi_1$
72402	1205	248	$\frac{7}{248}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{248}^5\ \Phi_{124}^5\ \Phi_{62}^5\ \Phi_{31}^5\ \Phi_8\ \Phi_1$
72403	1205	1080	$\frac{1}{30}$	$\frac{29}{270}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{270}\ \Phi_{216}^2\ \Phi_{135}\ \Phi_{90}\ \Phi_{72}^2\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
72404	1205	1248	$\frac{43}{1248}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
72405	1205	1000	$\frac{9}{250}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1000}^2\ \Phi_{250}\ \Phi_{200}^2\ \Phi_{125}\ \Phi_{50}\ \Phi_{25}\ \Phi_8\ \Phi_1$
72406	1205	264	$\frac{1}{24}$	$\frac{23}{264}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^5\ \Phi_{132}^5\ \Phi_{88}^5\ \Phi_{66}^5\ \Phi_{44}^5\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{11}^5\ \Phi_8\ \Phi_1$
72407	1205	504	$\frac{11}{252}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^4\ \Phi_{252}\ \Phi_{168}^4\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}^4\ \Phi_{63}\ \Phi_{56}^4\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
72408	1205	520	$\frac{1}{20}$	$\frac{19}{260}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}^4\ \Phi_{260}\ \Phi_{130}\ \Phi_{104}^4\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
72409	1205	2040	$\frac{14}{255}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{255}\ \Phi_{136}\ \Phi_{85}\ \Phi_{51}\ \Phi_{17}\ \Phi_8\ \Phi_1$
72410	1205	256	$\frac{15}{256}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{256}^5\ \Phi_{128}^5\ \Phi_{64}^5\ \Phi_{32}^5\ \Phi_8\ \Phi_1$
72411	1205	1848	$\frac{1}{28}$	$\frac{27}{308}$	$\frac{281}{924}$	$\frac{643}{1848}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{168}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
72412	1205	252	$\frac{11}{252}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{252}^5\ \Phi_{126}^5\ \Phi_{84}^4\ \Phi_{63}^5\ \Phi_{42}^5\ \Phi_{36}^5\ \Phi_{28}^4\ \Phi_{21}^5\ \Phi_{18}^5\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_9^5\ \Phi_7^4\ \Phi_6^5\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
72413	1205	1548	$\frac{1}{86}$	$\frac{343}{1548}$	$\frac{85}{258}$	$\frac{173}{516}$	$\Phi_{1548}\ \Phi_{774}\ \Phi_{387}\ \Phi_{258}\ \Phi_{129}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
72414	1205	255	$\frac{14}{255}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{255}^5\ \Phi_{85}^5\ \Phi_{51}^3\ \Phi_{17}^5\ \Phi_{15}^5\ \Phi_5^5\ \Phi_3^2\ \Phi_1^5$
72415	1205	357	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{116}{357}$	$\Phi_{357}^5\ \Phi_{51}^5\ \Phi_{21}^5\ \Phi_7^2\ \Phi_3^5\ \Phi_1^3$
72416	1205	1764	$\frac{29}{588}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{559}{1764}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{441}\ \Phi_{252}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
72417	1205	294	$\frac{1}{14}$	$\frac{29}{294}$	$\frac{53}{294}$	$\frac{13}{42}$	$\Phi_{294}^4\ \Phi_{147}^4\ \Phi_{98}^4\ \Phi_{49}^4\ \Phi_{42}^5\ \Phi_{21}^5\ \Phi_{14}^4\ \Phi_7^4\ \Phi_6^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
72418	1205	1344	$\frac{1}{14}$	$\frac{139}{1344}$	$\frac{29}{168}$	$\frac{13}{42}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{112}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{21}\ \Phi_{16}\ \Phi_6\ \Phi_3\ \Phi_1$
72419	1205	264	$\frac{23}{264}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{264}^5\ \Phi_{132}^5\ \Phi_{88}^5\ \Phi_{66}^3\ \Phi_{44}^5\ \Phi_{33}^4\ \Phi_{24}^5\ \Phi_{22}^3\ \Phi_{12}^5\ \Phi_{11}^3\ \Phi_8^5\ \Phi_6^2\ \Phi_4^5\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
72420	1205	252	$\frac{11}{252}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{252}^5\ \Phi_{126}^5\ \Phi_{84}^5\ \Phi_{63}^5\ \Phi_{42}^5\ \Phi_{36}^5\ \Phi_{28}^5\ \Phi_{21}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_7^2\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_1^3$
72421	1205	336	$\frac{1}{28}$	$\frac{17}{112}$	$\frac{27}{112}$	$\frac{95}{336}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}\ \Phi_{84}^5\ \Phi_{56}\ \Phi_{48}^5\ \Phi_{42}^5\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{16}\ \Phi_{12}^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
72422	1205	330	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{21}{110}$	$\frac{89}{330}$	$\Phi_{330}^3\ \Phi_{165}^3\ \Phi_{110}^4\ \Phi_{66}^5\ \Phi_{55}^4\ \Phi_{33}^5\ \Phi_{30}^3\ \Phi_{22}^5\ \Phi_{15}^3\ \Phi_{11}^5\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
72423	1205	924	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{6}$	$\frac{67}{308}$	$\Phi_{924}^2\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}^2\ \Phi_{28}\ \Phi_{22}\ \Phi_{21}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
72424	1205	301	$\frac{16}{301}$	$\frac{57}{301}$	$\frac{60}{301}$	$\frac{61}{301}$	$\Phi_{301}^4\ \Phi_{43}^4\ \Phi_7^4\ \Phi_1^5$
72425	1206	964	$\frac{1}{241}$	$\frac{121}{482}$	$\frac{361}{964}$	$\frac{120}{241}$	$\Phi_{964}^2\ \Phi_{241}\ \Phi_4^2\ \Phi_1^2$
72426	1206	400	$\frac{1}{200}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{199}{400}$	$\Phi_{400}^6\ \Phi_{80}^6\ \Phi_{16}^6\ \Phi_5\ \Phi_1^2$
72427	1206	1200	$\frac{1}{200}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{199}{400}$	$\Phi_{1200}^3\ \Phi_{240}^3\ \Phi_{48}^3\ \Phi_{12}\ \Phi_6$
72428	1206	2128	$\frac{1}{133}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{66}{133}$	$\Phi_{2128}\ \Phi_{304}\ \Phi_{133}\ \Phi_{112}\ \Phi_{19}\ \Phi_{16}^2\ \Phi_7\ \Phi_1^2$
72429	1206	532	$\frac{1}{133}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{66}{133}$	$\Phi_{532}^2\ \Phi_{266}^2\ \Phi_{133}^3\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{28}^2\ \Phi_{19}^3\ \Phi_{14}^2\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
72430	1206	1205	$\frac{13}{1205}$	$\frac{203}{1205}$	$\frac{334}{1205}$	$\frac{596}{1205}$	$\Phi_{1205}\ \Phi_{241}\ \Phi_5\ \Phi_1^2$
72431	1206	1612	$\frac{5}{403}$	$\frac{68}{403}$	$\frac{1}{4}$	$\frac{199}{403}$	$\Phi_{1612}\ \Phi_{806}\ \Phi_{124}\ \Phi_{62}\ \Phi_{52}\ \Phi_{26}$
72432	1206	2244	$\frac{1}{66}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{65}{132}$	$\Phi_{2244}\ \Phi_{748}\ \Phi_{204}\ \Phi_{132}^2\ \Phi_{68}\ \Phi_{44}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
72433	1206	660	$\frac{1}{66}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{65}{132}$	$\Phi_{660}^4\ \Phi_{220}^4\ \Phi_{132}^2\ \Phi_{60}^4\ \Phi_{44}^2\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
72434	1206	2244	$\frac{1}{66}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{65}{132}$	$\Phi_{2244}\ \Phi_{748}\ \Phi_{204}\ \Phi_{132}^2\ \Phi_{68}\ \Phi_{44}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
72435	1206	924	$\frac{1}{66}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{65}{132}$	$\Phi_{924}\ \Phi_{462}^2\ \Phi_{308}\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{84}\ \Phi_{77}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2$
72436	1206	90	$\frac{1}{45}$	$\frac{1}{10}$	$\frac{23}{90}$	$\frac{22}{45}$	$\Phi_{90}^{13}\ \Phi_{45}^{14}\ \Phi_{30}^{13}\ \Phi_{18}^{13}\ \Phi_{15}^{14}\ \Phi_{10}^{12}\ \Phi_9^{14}\ \Phi_6^{13}\ \Phi_5^{13}\ \Phi_3^{14}\ \Phi_2^{12}\ \Phi_1^{14}$
72437	1206	260	$\frac{2}{65}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{63}{130}$	$\Phi_{260}^6\ \Phi_{65}^6\ \Phi_{52}^7\ \Phi_{26}\ \Phi_{20}^6\ \Phi_{13}^6\ \Phi_5^6\ \Phi_4^6\ \Phi_1^6$
72438	1206	130	$\frac{2}{65}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{63}{130}$	$\Phi_{130}^8\ \Phi_{65}^{10}\ \Phi_{26}^8\ \Phi_{13}^{10}\ \Phi_{10}^{12}\ \Phi_5^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
72439	1206	868	$\frac{1}{31}$	$\frac{16}{217}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{868}^2\ \Phi_{434}^2\ \Phi_{124}\ \Phi_{62}\ \Phi_{28}^2\ \Phi_{14}^2$
72440	1206	220	$\frac{2}{55}$	$\frac{19}{220}$	$\frac{1}{5}$	$\frac{53}{110}$	$\Phi_{220}^6\ \Phi_{110}^4\ \Phi_{55}^6\ \Phi_{44}^6\ \Phi_{22}^4\ \Phi_{20}^6\ \Phi_{11}^6\ \Phi_{10}^4\ \Phi_5^5\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
72441	1206	810	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{14}{81}$	$\frac{13}{27}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}\ \Phi_{162}^2\ \Phi_{135}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
72442	1206	385	$\frac{17}{385}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{184}{385}$	$\Phi_{385}^3\ \Phi_{77}^3\ \Phi_{55}^4\ \Phi_{35}^3\ \Phi_{11}^4\ \Phi_7^3\ \Phi_5^3\ \Phi_1^4$
72443	1206	2432	$\frac{3}{64}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{2432}\ \Phi_{76}\ \Phi_{38}$
72444	1206	1173	$\frac{2}{69}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{1173}\ \Phi_{391}\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_{17}\ \Phi_1^2$
72445	1206	1683	$\frac{1}{33}$	$\frac{1}{17}$	$\frac{32}{99}$	$\frac{8}{17}$	$\Phi_{1683}\ \Phi_{153}\ \Phi_{99}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_1^2$
72446	1206	1496	$\frac{1}{22}$	$\frac{1}{17}$	$\frac{21}{88}$	$\frac{8}{17}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{136}\ \Phi_{88}^2\ \Phi_{68}\ \Phi_{44}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
72447	1206	1224	$\frac{1}{17}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}^2\ \Phi_{68}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
72448	1206	1309	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{8}{17}$	$\Phi_{1309}\ \Phi_{119}\ \Phi_{77}^2\ \Phi_{17}\ \Phi_7^2\ \Phi_1^2$
72449	1206	630	$\frac{4}{63}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{59}{126}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{90}^3\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^3\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
72450	1206	150	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{8}{75}$	$\frac{7}{15}$	$\Phi_{150}^{10}\ \Phi_{75}^8\ \Phi_{50}^{10}\ \Phi_{30}^5\ \Phi_{25}^8\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
72451	1206	208	$\frac{7}{208}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{208}^6\ \Phi_{104}^6\ \Phi_{52}^5\ \Phi_{26}^5\ \Phi_{16}^6\ \Phi_{13}^6\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
72452	1206	124	$\frac{1}{31}$	$\frac{5}{62}$	$\frac{1}{4}$	$\frac{57}{124}$	$\Phi_{124}^7\ \Phi_{62}^{13}\ \Phi_{31}^{12}\ \Phi_4^6\ \Phi_2^{12}\ \Phi_1^{12}$
72453	1206	1100	$\frac{2}{55}$	$\frac{53}{550}$	$\frac{1}{5}$	$\frac{497}{1100}$	$\Phi_{1100}^2\ \Phi_{220}^2\ \Phi_{100}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{20}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
72454	1206	360	$\frac{5}{72}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^3\ \Phi_{72}^2\ \Phi_{60}^4\ \Phi_{45}^3\ \Phi_{40}^4\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{20}^4\ \Phi_{18}\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
72455	1206	120	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{7}{60}$	$\frac{53}{120}$	$\Phi_{120}^{18}\ \Phi_{40}^{18}\ \Phi_{30}^5\ \Phi_{24}^{18}\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_8^{18}\ \Phi_6^5\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
72456	1206	816	$\frac{1}{68}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{816}^4\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}^3\ \Phi_{12}\ \Phi_6$
72457	1206	560	$\frac{3}{70}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{560}^4\ \Phi_{112}^3\ \Phi_{80}^4\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
72458	1206	304	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{304}^7\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{16}^8\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
72459	1206	100	$\frac{1}{100}$	$\frac{1}{5}$	$\frac{33}{100}$	$\frac{2}{5}$	$\Phi_{100}^{12}\ \Phi_{50}^{12}\ \Phi_{25}^{12}\ \Phi_{20}^{12}\ \Phi_{10}^{12}\ \Phi_5^{13}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{14}$
72460	1206	610	$\frac{7}{610}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{610}^2\ \Phi_{305}^2\ \Phi_{122}^2\ \Phi_{61}^2\ \Phi_5\ \Phi_1^2$
72461	1206	340	$\frac{1}{68}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{340}^3\ \Phi_{170}^3\ \Phi_{85}^3\ \Phi_{68}^6\ \Phi_{34}^6\ \Phi_{20}^2\ \Phi_{17}^6\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
72462	1206	800	$\frac{3}{200}$	$\frac{1}{5}$	$\frac{197}{800}$	$\frac{2}{5}$	$\Phi_{800}^2\ \Phi_{400}^2\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
72463	1206	205	$\frac{4}{205}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{205}^6\ \Phi_{41}^6\ \Phi_5\ \Phi_1^2$
72464	1206	250	$\frac{1}{50}$	$\frac{49}{250}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{250}^6\ \Phi_{125}^6\ \Phi_5\ \Phi_1^2$
72465	1206	80	$\frac{1}{40}$	$\frac{13}{80}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{80}^{18}\ \Phi_{40}^{12}\ \Phi_{20}^{12}\ \Phi_{16}^{18}\ \Phi_{10}^{12}\ \Phi_8^{12}\ \Phi_5^{13}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{14}$
72466	1206	620	$\frac{17}{620}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{620}^2\ \Phi_{310}^2\ \Phi_{155}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_5\ \Phi_1^2$
72467	1206	700	$\frac{3}{100}$	$\frac{97}{700}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
72468	1206	1040	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}^2\ \Phi_{130}\ \Phi_{104}^2\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_5\ \Phi_1^2$
72469	1206	625	$\frac{22}{625}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{625}^2\ \Phi_{125}^2\ \Phi_5\ \Phi_1^2$
72470	1206	75	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{75}^{18}\ \Phi_{25}^{12}\ \Phi_{15}^{18}\ \Phi_5^{13}\ \Phi_3^{18}\ \Phi_1^{14}$
72471	1206	70	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{70}^{18}\ \Phi_{35}^{18}\ \Phi_{14}^{18}\ \Phi_{10}^{12}\ \Phi_7^{18}\ \Phi_5^{13}\ \Phi_2^{12}\ \Phi_1^{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
72472	1206	220	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{220}^6\ \Phi_{110}^6\ \Phi_{55}^6\ \Phi_{44}^6\ \Phi_{22}^6\ \Phi_{11}^6\ \Phi_5\ \Phi_1^2$
72473	1206	640	$\frac{37}{640}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{640}^2\ \Phi_{320}^2\ \Phi_{160}^2\ \Phi_{128}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
72474	1206	650	$\frac{3}{50}$	$\frac{47}{650}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{650}^2\ \Phi_{325}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_5\ \Phi_1^2$
72475	1206	1205	$\frac{11}{1205}$	$\frac{269}{1205}$	$\frac{398}{1205}$	$\frac{468}{1205}$	$\Phi_{1205}\ \Phi_{241}\ \Phi_5\ \Phi_1^2$
72476	1206	540	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{13}{54}$	$\frac{41}{108}$	$\Phi_{540}^4\ \Phi_{270}\ \Phi_{180}^4\ \Phi_{135}\ \Phi_{108}^2\ \Phi_{90}\ \Phi_{60}^4\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
72477	1206	1824	$\frac{5}{608}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}\ \Phi_{57}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
72478	1206	1368	$\frac{1}{19}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
72479	1206	1292	$\frac{1}{68}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1292}\ \Phi_{646}\ \Phi_{323}\ \Phi_{76}\ \Phi_{38}$
72480	1206	1938	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{1938}\ \Phi_{646}\ \Phi_{323}\ \Phi_{114}\ \Phi_{38}$
72481	1206	1205	$\frac{14}{1205}$	$\frac{267}{1205}$	$\frac{397}{1205}$	$\frac{404}{1205}$	$\Phi_{1205}\ \Phi_{241}\ \Phi_5\ \Phi_1^2$
72482	1206	1612	$\frac{4}{403}$	$\frac{1}{4}$	$\frac{133}{403}$	$\frac{135}{403}$	$\Phi_{1612}\ \Phi_{806}\ \Phi_{124}\ \Phi_{62}\ \Phi_{52}\ \Phi_{26}$
72483	1206	906	$\frac{1}{151}$	$\frac{50}{151}$	$\frac{1}{3}$	$\frac{101}{302}$	$\Phi_{906}^3\ \Phi_{453}\ \Phi_6^3$
72484	1206	690	$\frac{2}{69}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{115}^2\ \Phi_{46}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
72485	1206	300	$\frac{1}{100}$	$\frac{1}{4}$	$\frac{33}{100}$	$\frac{1}{3}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{75}^6\ \Phi_{60}^6\ \Phi_{30}^6\ \Phi_{15}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
72486	1206	1812	$\frac{7}{604}$	$\frac{135}{604}$	$\frac{199}{604}$	$\frac{1}{3}$	$\Phi_{1812}\ \Phi_{906}\ \Phi_{453}\ \Phi_{12}\ \Phi_6$
72487	1206	990	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{32}{99}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{198}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_6$
72488	1206	1173	$\frac{2}{69}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{1173}\ \Phi_{391}\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_{17}\ \Phi_1^2$
72489	1206	204	$\frac{1}{68}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^9\ \Phi_{102}^9\ \Phi_{51}^9\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
72490	1206	2400	$\frac{3}{200}$	$\frac{197}{800}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{480}\ \Phi_{240}\ \Phi_{96}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
72491	1206	2460	$\frac{4}{205}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{492}\ \Phi_{246}\ \Phi_{12}\ \Phi_6$
72492	1206	1500	$\frac{1}{50}$	$\frac{49}{250}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1500}^2\ \Phi_{750}\ \Phi_{375}\ \Phi_{12}\ \Phi_6$
72493	1206	240	$\frac{1}{40}$	$\frac{13}{80}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^9\ \Phi_{120}^6\ \Phi_{60}^6\ \Phi_{48}^9\ \Phi_{30}^6\ \Phi_{24}^6\ \Phi_{15}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
72494	1206	1860	$\frac{17}{620}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{465}\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{12}\ \Phi_6$
72495	1206	1932	$\frac{2}{69}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{322}\ \Phi_{28}\ \Phi_{14}$
72496	1206	2100	$\frac{3}{100}$	$\frac{97}{700}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
72497	1206	624	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{48}^3\ \Phi_{39}^3\ \Phi_{12}\ \Phi_6$
72498	1206	300	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^5\ \Phi_{150}^5\ \Phi_{100}^6\ \Phi_{60}^5\ \Phi_{50}^6\ \Phi_{30}^5\ \Phi_{20}^6\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_2^6$
72499	1206	420	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^6\ \Phi_{210}^3\ \Phi_{105}^3\ \Phi_{84}^6\ \Phi_{60}^4\ \Phi_{42}^3\ \Phi_{30}^2\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_{12}^5\ \Phi_6^3\ \Phi_3^2$
72500	1206	660	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{12}\ \Phi_6$
72501	1206	1920	$\frac{37}{640}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
72502	1206	1320	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{21}{88}$	$\frac{1}{3}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{264}\ \Phi_{132}\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
72503	1206	330	$\frac{2}{33}$	$\frac{1}{10}$	$\frac{31}{165}$	$\frac{1}{3}$	$\Phi_{330}^4\ \Phi_{165}^3\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{55}^3\ \Phi_{33}^4\ \Phi_{30}^5\ \Phi_{22}^4\ \Phi_{15}^4\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
72504	1206	360	$\frac{5}{72}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^2\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^4\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2$
72505	1206	2310	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{10}{77}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{210}\ \Phi_{105}\ \Phi_{42}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
72506	1206	1683	$\frac{1}{33}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{32}{99}$	$\Phi_{1683}\ \Phi_{153}\ \Phi_{99}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_1^2$
72507	1206	2772	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{32}{99}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{252}\ \Phi_{126}\ \Phi_{28}\ \Phi_{14}$
72508	1206	620	$\frac{1}{31}$	$\frac{21}{155}$	$\frac{1}{4}$	$\frac{10}{31}$	$\Phi_{620}^3\ \Phi_{310}^3\ \Phi_{124}\ \Phi_{62}\ \Phi_{20}^3\ \Phi_{10}^3$
72509	1206	780	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{61}{195}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{60}^3\ \Phi_{52}\ \Phi_{30}^3\ \Phi_{26}\ \Phi_{12}^3\ \Phi_6^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
72510	1206	390	$\frac{4}{65}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{61}{195}$	$\Phi_{390}^{5}\ \Phi_{195}^{4}\ \Phi_{78}^{5}\ \Phi_{39}^{4}\ \Phi_{30}^{5}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
72511	1206	220	$\frac{4}{55}$	$\frac{19}{220}$	$\frac{1}{5}$	$\frac{17}{55}$	$\Phi_{220}^{6}\ \Phi_{110}^{6}\ \Phi_{55}^{4}\ \Phi_{44}^{6}\ \Phi_{22}^{6}\ \Phi_{20}^{6}\ \Phi_{11}^{4}\ \Phi_{10}^{6}\ \Phi_{5}^{3}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{4}$
72512	1206	572	$\frac{9}{143}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{572}^{3}\ \Phi_{286}^{3}\ \Phi_{52}\ \Phi_{44}^{3}\ \Phi_{26}\ \Phi_{22}^{3}$
72513	1206	1824	$\frac{1}{19}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
72514	1206	1496	$\frac{1}{22}$	$\frac{2}{17}$	$\frac{21}{88}$	$\frac{5}{17}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{136}\ \Phi_{88}^{2}\ \Phi_{68}\ \Phi_{44}^{2}\ \Phi_{17}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
72515	1206	1224	$\frac{5}{72}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}^{2}\ \Phi_{68}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{17}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
72516	1206	1309	$\frac{1}{11}$	$\frac{2}{17}$	$\frac{10}{77}$	$\frac{5}{17}$	$\Phi_{1309}\ \Phi_{119}\ \Phi_{77}^{2}\ \Phi_{17}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
72517	1206	1890	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{189}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
72518	1206	372	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{1}{4}$	$\frac{26}{93}$	$\Phi_{372}^{6}\ \Phi_{186}^{6}\ \Phi_{124}\ \Phi_{62}\ \Phi_{12}^{6}\ \Phi_{6}^{6}$
72519	1206	275	$\frac{2}{55}$	$\frac{53}{275}$	$\frac{1}{5}$	$\frac{74}{275}$	$\Phi_{275}^{4}\ \Phi_{55}^{6}\ \Phi_{25}^{4}\ \Phi_{11}^{6}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
72520	1206	90	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{23}{90}$	$\Phi_{90}^{18}\ \Phi_{45}^{18}\ \Phi_{30}^{5}\ \Phi_{18}^{18}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{18}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
72521	1206	140	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^{8}\ \Phi_{70}^{10}\ \Phi_{35}^{10}\ \Phi_{28}^{6}\ \Phi_{20}^{8}\ \Phi_{14}^{8}\ \Phi_{10}^{10}\ \Phi_{7}^{7}\ \Phi_{5}^{10}\ \Phi_{4}^{8}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
72522	1206	76	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{76}^{16}\ \Phi_{38}^{16}\ \Phi_{19}^{15}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
72523	1206	248	$\frac{1}{31}$	$\frac{47}{248}$	$\frac{15}{62}$	$\frac{1}{4}$	$\Phi_{248}^{6}\ \Phi_{124}^{3}\ \Phi_{62}^{5}\ \Phi_{31}^{4}\ \Phi_{8}^{6}\ \Phi_{4}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
72524	1206	616	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{21}{88}$	$\frac{1}{4}$	$\Phi_{616}^{3}\ \Phi_{308}\ \Phi_{154}^{2}\ \Phi_{77}^{2}\ \Phi_{56}^{3}\ \Phi_{28}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
72525	1206	260	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{59}{260}$	$\frac{1}{4}$	$\Phi_{260}^{4}\ \Phi_{130}^{4}\ \Phi_{65}^{6}\ \Phi_{52}^{5}\ \Phi_{26}^{5}\ \Phi_{20}^{4}\ \Phi_{13}^{6}\ \Phi_{10}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
72526	1206	1520	$\frac{1}{19}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}$
72527	1206	1820	$\frac{1}{13}$	$\frac{53}{455}$	$\frac{12}{65}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{364}\ \Phi_{182}\ \Phi_{140}\ \Phi_{70}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$
72528	1206	504	$\frac{5}{72}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{504}^{3}\ \Phi_{252}^{3}\ \Phi_{168}^{3}\ \Phi_{126}^{3}\ \Phi_{84}\ \Phi_{63}^{3}\ \Phi_{56}^{3}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
72529	1206	156	$\frac{1}{13}$	$\frac{11}{78}$	$\frac{2}{13}$	$\frac{1}{4}$	$\Phi_{156}^{12}\ \Phi_{78}^{6}\ \Phi_{52}^{7}\ \Phi_{39}^{6}\ \Phi_{26}\ \Phi_{13}^{6}\ \Phi_{12}^{12}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
72530	1206	308	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{308}^{5}\ \Phi_{154}^{5}\ \Phi_{44}^{6}\ \Phi_{28}^{6}\ \Phi_{22}^{6}\ \Phi_{14}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
72531	1206	770	$\frac{4}{55}$	$\frac{51}{385}$	$\frac{1}{5}$	$\frac{167}{770}$	$\Phi_{770}^{2}\ \Phi_{385}\ \Phi_{154}^{2}\ \Phi_{110}^{2}\ \Phi_{77}\ \Phi_{70}^{2}\ \Phi_{55}^{2}\ \Phi_{35}\ \Phi_{22}^{2}\ \Phi_{14}^{2}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72532	1206	241	$\frac{25}{241}$	$\frac{36}{241}$	$\frac{40}{241}$	$\frac{41}{241}$	$\Phi_{241}^{5}\ \Phi_{1}^{6}$
72533	1207	2400	$\frac{7}{1200}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1193}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
72534	1207	2144	$\frac{1}{134}$	$\frac{135}{1072}$	$\frac{937}{2144}$	$\frac{133}{268}$	$\Phi_{2144}\ \Phi_{268}\ \Phi_{32}\ \Phi_{4}\ \Phi_{1}$
72535	1207	1608	$\frac{1}{134}$	$\frac{401}{1608}$	$\frac{135}{536}$	$\frac{133}{268}$	$\Phi_{1608}\ \Phi_{804}\ \Phi_{402}\ \Phi_{268}\ \Phi_{201}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
72536	1207	1120	$\frac{1}{70}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{69}{140}$	$\Phi_{1120}^{2}\ \Phi_{224}^{2}\ \Phi_{160}^{2}\ \Phi_{140}\ \Phi_{32}^{3}\ \Phi_{28}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
72537	1207	840	$\frac{1}{70}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{69}{140}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{140}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{60}^{2}\ \Phi_{42}^{2}\ \Phi_{30}^{2}\ \Phi_{28}\ \Phi_{24}^{3}\ \Phi_{21}^{2}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
72538	1207	140	$\frac{1}{70}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{69}{140}$	$\Phi_{140}^{9}\ \Phi_{70}^{8}\ \Phi_{35}^{8}\ \Phi_{28}^{9}\ \Phi_{20}^{10}\ \Phi_{14}^{8}\ \Phi_{10}^{9}\ \Phi_{7}^{8}\ \Phi_{5}^{9}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
72539	1207	2376	$\frac{19}{1188}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{1169}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{88}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
72540	1207	2376	$\frac{19}{1188}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1169}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{88}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
72541	1207	1620	$\frac{8}{405}$	$\frac{1}{9}$	$\frac{413}{1620}$	$\frac{397}{810}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
72542	1207	1302	$\frac{2}{93}$	$\frac{95}{1302}$	$\frac{1}{3}$	$\frac{91}{186}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}\ \Phi_{217}\ \Phi_{93}\ \Phi_{42}\ \Phi_{31}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
72543	1207	414	$\frac{2}{69}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{414}^{3}\ \Phi_{207}^{3}\ \Phi_{138}^{2}\ \Phi_{69}^{3}\ \Phi_{46}^{2}\ \Phi_{23}^{3}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
72544	1207	2340	$\frac{37}{1170}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1133}{2340}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{180}\ \Phi_{156}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{20}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
72545	1207	2340	$\frac{37}{1170}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1133}{2340}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{180}\ \Phi_{156}\ \Phi_{60}\ \Phi_{52}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
72546	1207	1458	$\frac{8}{243}$	$\frac{1}{9}$	$\frac{251}{1458}$	$\frac{235}{486}$	$\Phi_{1458}\ \Phi_{729}\ \Phi_{243}\ \Phi_{81}\ \Phi_{27}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
72547	1207	288	$\frac{1}{24}$	$\frac{1}{18}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{288}^{6}\,\Phi_{96}^{5}\,\Phi_{72}^{6}\,\Phi_{36}^{6}\,\Phi_{32}^{5}\,\Phi_{24}^{5}\,\Phi_{18}^{5}\,\Phi_{12}^{5}\,\Phi_{9}^{5}\,\Phi_{8}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
72548	1207	1224	$\frac{3}{68}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{1224}^{2}\,\Phi_{408}^{2}\,\Phi_{136}\,\Phi_{72}^{2}\,\Phi_{36}^{2}\,\Phi_{24}^{2}\,\Phi_{18}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{8}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
72549	1207	2304	$\frac{55}{1152}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{1097}{2304}$	$\Phi_{2304}\,\Phi_{768}\,\Phi_{256}\,\Phi_{72}\,\Phi_{36}\,\Phi_{24}\,\Phi_{12}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
72550	1207	1248	$\frac{41}{1248}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{1248}\,\Phi_{624}\,\Phi_{416}\,\Phi_{312}\,\Phi_{208}\,\Phi_{156}\,\Phi_{104}\,\Phi_{96}\,\Phi_{52}\,\Phi_{48}\,\Phi_{39}\,\Phi_{32}\,\Phi_{24}\,\Phi_{16}\,\Phi_{13}\,\Phi_{12}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
72551	1207	1584	$\frac{19}{396}$	$\frac{1}{18}$	$\frac{377}{1584}$	$\frac{17}{36}$	$\Phi_{1584}\,\Phi_{792}\,\Phi_{528}\,\Phi_{264}\,\Phi_{176}\,\Phi_{144}\,\Phi_{88}\,\Phi_{72}\,\Phi_{48}\,\Phi_{36}\,\Phi_{24}\,\Phi_{16}\,\Phi_{12}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
72552	1207	1296	$\frac{1}{18}$	$\frac{89}{1296}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{1296}\,\Phi_{648}\,\Phi_{432}\,\Phi_{324}\,\Phi_{216}\,\Phi_{162}\,\Phi_{144}\,\Phi_{81}\,\Phi_{72}\,\Phi_{48}\,\Phi_{36}\,\Phi_{24}\,\Phi_{16}\,\Phi_{12}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
72553	1207	1350	$\frac{8}{135}$	$\frac{143}{1350}$	$\frac{1}{9}$	$\frac{127}{270}$	$\Phi_{1350}\,\Phi_{675}\,\Phi_{450}\,\Phi_{225}\,\Phi_{150}\,\Phi_{135}\,\Phi_{75}\,\Phi_{50}\,\Phi_{45}\,\Phi_{27}\,\Phi_{25}\,\Phi_{15}\,\Phi_{5}\,\Phi_{1}$
72554	1207	134	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{15}{134}$	$\frac{63}{134}$	$\Phi_{134}^{8}\,\Phi_{67}^{10}\,\Phi_{2}^{8}\,\Phi_{1}^{11}$
72555	1207	3360	$\frac{1}{35}$	$\frac{1}{16}$	$\frac{34}{105}$	$\frac{15}{32}$	$\Phi_{3360}\,\Phi_{672}\,\Phi_{480}\,\Phi_{105}\,\Phi_{96}\,\Phi_{32}\,\Phi_{21}\,\Phi_{15}\,\Phi_{3}\,\Phi_{1}$
72556	1207	2400	$\frac{4}{75}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{2400}\,\Phi_{800}\,\Phi_{480}\,\Phi_{96}\,\Phi_{75}\,\Phi_{32}\,\Phi_{25}\,\Phi_{15}\,\Phi_{3}\,\Phi_{1}$
72557	1207	672	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{15}{32}$	$\Phi_{672}^{4}\,\Phi_{224}^{2}\,\Phi_{96}^{4}\,\Phi_{84}\,\Phi_{42}\,\Phi_{32}^{3}\,\Phi_{28}\,\Phi_{21}\,\Phi_{12}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
72558	1207	2464	$\frac{1}{16}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{2464}\,\Phi_{352}\,\Phi_{77}\,\Phi_{32}\,\Phi_{11}\,\Phi_{1}$
72559	1207	160	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{15}{32}$	$\Phi_{160}^{14}\,\Phi_{80}\,\Phi_{40}\,\Phi_{32}^{15}\,\Phi_{20}\,\Phi_{16}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
72560	1207	2268	$\frac{73}{1134}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1061}{2268}$	$\Phi_{2268}\,\Phi_{756}\,\Phi_{324}\,\Phi_{252}\,\Phi_{108}\,\Phi_{84}\,\Phi_{81}\,\Phi_{36}\,\Phi_{28}\,\Phi_{27}\,\Phi_{12}\,\Phi_{4}\,\Phi_{1}$
72561	1207	396	$\frac{1}{18}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{396}^{6}\,\Phi_{132}^{5}\,\Phi_{44}^{5}\,\Phi_{36}^{6}\,\Phi_{18}^{5}\,\Phi_{12}^{5}\,\Phi_{9}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
72562	1207	2232	$\frac{2}{93}$	$\frac{91}{1116}$	$\frac{1}{3}$	$\frac{1025}{2232}$	$\Phi_{2232}\,\Phi_{744}\,\Phi_{248}\,\Phi_{93}\,\Phi_{72}\,\Phi_{31}\,\Phi_{24}\,\Phi_{8}\,\Phi_{1}$
72563	1207	1296	$\frac{89}{1296}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{162}$	$\Phi_{1296}\,\Phi_{648}\,\Phi_{432}\,\Phi_{324}\,\Phi_{216}\,\Phi_{144}\,\Phi_{108}\,\Phi_{81}\,\Phi_{72}\,\Phi_{48}\,\Phi_{36}\,\Phi_{27}\,\Phi_{24}\,\Phi_{16}\,\Phi_{12}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
72564	1207	1152	$\frac{1}{18}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{1152}^{2}\,\Phi_{384}^{2}\,\Phi_{128}\,\Phi_{72}^{2}\,\Phi_{36}^{2}\,\Phi_{24}^{2}\,\Phi_{18}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{8}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
72565	1207	2160	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{127}{1080}$	$\frac{953}{2160}$	$\Phi_{2160}\,\Phi_{720}\,\Phi_{432}\,\Phi_{240}\,\Phi_{144}\,\Phi_{135}\,\Phi_{80}\,\Phi_{48}\,\Phi_{45}\,\Phi_{27}\,\Phi_{16}\,\Phi_{15}\,\Phi_{5}\,\Phi_{1}$
72566	1207	720	$\frac{1}{18}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{720}^{2}\,\Phi_{360}^{2}\,\Phi_{240}^{2}\,\Phi_{180}^{2}\,\Phi_{120}^{2}\,\Phi_{90}^{2}\,\Phi_{80}\,\Phi_{72}^{2}\,\Phi_{60}^{2}\,\Phi_{45}^{2}\,\Phi_{40}\,\Phi_{36}^{2}\,\Phi_{30}^{2}\,\Phi_{24}^{2}\,\Phi_{20}\,\Phi_{18}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{10}\,\Phi_{9}\,\Phi_{8}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
72567	1207	126	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{126}^{8}\,\Phi_{63}^{9}\,\Phi_{42}^{8}\,\Phi_{21}^{9}\,\Phi_{18}^{16}\,\Phi_{14}^{8}\,\Phi_{9}^{16}\,\Phi_{7}^{9}\,\Phi_{6}^{16}\,\Phi_{3}^{16}\,\Phi_{2}^{16}\,\Phi_{1}^{17}$
72568	1207	360	$\frac{1}{72}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{360}^{3}\,\Phi_{180}^{3}\,\Phi_{120}^{3}\,\Phi_{90}^{3}\,\Phi_{72}^{5}\,\Phi_{60}^{3}\,\Phi_{45}^{3}\,\Phi_{40}^{3}\,\Phi_{36}^{5}\,\Phi_{30}^{2}\,\Phi_{24}^{5}\,\Phi_{20}^{3}\,\Phi_{18}^{5}\,\Phi_{15}^{3}\,\Phi_{12}^{5}\,\Phi_{10}^{2}\,\Phi_{9}^{5}\,\Phi_{8}^{5}\,\Phi_{6}^{4}\,\Phi_{5}^{3}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
72569	1207	1800	$\frac{7}{600}$	$\frac{1}{6}$	$\frac{593}{1800}$	$\frac{5}{12}$	$\Phi_{1800}\,\Phi_{900}\,\Phi_{450}\,\Phi_{360}\,\Phi_{225}\,\Phi_{180}\,\Phi_{90}\,\Phi_{72}\,\Phi_{45}\,\Phi_{36}\,\Phi_{18}\,\Phi_{12}\,\Phi_{9}\,\Phi_{4}\,\Phi_{1}$
72570	1207	72	$\frac{1}{72}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{72}^{17}\,\Phi_{36}^{17}\,\Phi_{24}^{16}\,\Phi_{18}^{17}\,\Phi_{12}^{17}\,\Phi_{9}^{17}\,\Phi_{8}^{16}\,\Phi_{6}^{16}\,\Phi_{4}^{17}\,\Phi_{3}^{16}\,\Phi_{2}^{16}\,\Phi_{1}^{17}$
72571	1207	1500	$\frac{7}{300}$	$\frac{1}{6}$	$\frac{293}{1500}$	$\frac{5}{12}$	$\Phi_{1500}\,\Phi_{750}\,\Phi_{500}\,\Phi_{375}\,\Phi_{250}\,\Phi_{125}\,\Phi_{12}\,\Phi_{4}\,\Phi_{1}$
72572	1207	1440	$\frac{7}{240}$	$\frac{233}{1440}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1440}\,\Phi_{720}\,\Phi_{480}\,\Phi_{360}\,\Phi_{288}\,\Phi_{180}\,\Phi_{160}\,\Phi_{144}\,\Phi_{96}\,\Phi_{90}\,\Phi_{72}\,\Phi_{45}\,\Phi_{36}\,\Phi_{32}\,\Phi_{18}\,\Phi_{12}\,\Phi_{9}\,\Phi_{4}\,\Phi_{1}$
72573	1207	1248	$\frac{41}{1248}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1248}\,\Phi_{624}\,\Phi_{416}\,\Phi_{312}\,\Phi_{208}\,\Phi_{156}\,\Phi_{104}\,\Phi_{96}\,\Phi_{78}\,\Phi_{52}\,\Phi_{39}\,\Phi_{32}\,\Phi_{26}\,\Phi_{13}\,\Phi_{12}\,\Phi_{4}\,\Phi_{1}$
72574	1207	1260	$\frac{53}{1260}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1260}\,\Phi_{630}\,\Phi_{420}\,\Phi_{315}\,\Phi_{252}\,\Phi_{210}\,\Phi_{180}\,\Phi_{140}\,\Phi_{126}\,\Phi_{105}\,\Phi_{90}\,\Phi_{84}\,\Phi_{70}\,\Phi_{63}\,\Phi_{45}\,\Phi_{42}\,\Phi_{36}\,\Phi_{35}\,\Phi_{28}\,\Phi_{21}\,\Phi_{18}\,\Phi_{14}\,\Phi_{12}\,\Phi_{9}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
72575	1207	1320	$\frac{7}{120}$	$\frac{113}{1320}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1320}\,\Phi_{660}\,\Phi_{440}\,\Phi_{330}\,\Phi_{264}\,\Phi_{220}\,\Phi_{165}\,\Phi_{132}\,\Phi_{110}\,\Phi_{88}\,\Phi_{66}\,\Phi_{55}\,\Phi_{44}\,\Phi_{33}\,\Phi_{22}\,\Phi_{12}\,\Phi_{11}\,\Phi_{4}\,\Phi_{1}$
72576	1207	1260	$\frac{53}{1260}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{1260}\,\Phi_{630}\,\Phi_{420}\,\Phi_{315}\,\Phi_{252}\,\Phi_{210}\,\Phi_{180}\,\Phi_{140}\,\Phi_{126}\,\Phi_{105}\,\Phi_{84}\,\Phi_{70}\,\Phi_{63}\,\Phi_{60}\,\Phi_{45}\,\Phi_{42}\,\Phi_{36}\,\Phi_{35}\,\Phi_{28}\,\Phi_{21}\,\Phi_{20}\,\Phi_{15}\,\Phi_{14}\,\Phi_{12}\,\Phi_{7}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
72577	1207	360	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{360}^{6}\,\Phi_{120}^{5}\,\Phi_{72}^{6}\,\Phi_{40}^{5}\,\Phi_{36}^{6}\,\Phi_{24}^{5}\,\Phi_{18}^{5}\,\Phi_{12}^{5}\,\Phi_{9}^{5}\,\Phi_{8}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
72578	1207	1296	$\frac{1}{18}$	$\frac{89}{1296}$	$\frac{17}{72}$	$\frac{55}{144}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
72579	1207	1944	$\frac{8}{243}$	$\frac{1}{9}$	$\frac{235}{972}$	$\frac{737}{1944}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{243}\ \Phi_{216}\ \Phi_{81}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
72580	1207	1242	$\frac{35}{1242}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{1242}\ \Phi_{621}\ \Phi_{414}\ \Phi_{207}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{27}\ \Phi_{23}\ \Phi_{1}$
72581	1207	108	$\frac{1}{18}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{108}^{17}\ \Phi_{36}^{17}\ \Phi_{18}^{16}\ \Phi_{12}^{17}\ \Phi_{9}^{16}\ \Phi_{6}^{16}\ \Phi_{4}^{17}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
72582	1207	1395	$\frac{2}{93}$	$\frac{188}{1395}$	$\frac{91}{279}$	$\frac{1}{3}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{155}\ \Phi_{93}\ \Phi_{45}\ \Phi_{31}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
72583	1207	1287	$\frac{2}{39}$	$\frac{80}{1287}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{99}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}$
72584	1207	1755	$\frac{2}{39}$	$\frac{37}{585}$	$\frac{548}{1755}$	$\frac{1}{3}$	$\Phi_{1755}\ \Phi_{351}\ \Phi_{135}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_{1}$
72585	1207	1674	$\frac{2}{93}$	$\frac{91}{558}$	$\frac{467}{1674}$	$\frac{1}{3}$	$\Phi_{1674}\ \Phi_{837}\ \Phi_{93}\ \Phi_{54}\ \Phi_{31}\ \Phi_{27}\ \Phi_{1}$
72586	1207	1488	$\frac{2}{93}$	$\frac{281}{1488}$	$\frac{91}{372}$	$\frac{1}{3}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}\ \Phi_{248}\ \Phi_{93}\ \Phi_{48}\ \Phi_{31}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
72587	1207	93	$\frac{5}{93}$	$\frac{8}{93}$	$\frac{22}{93}$	$\frac{1}{3}$	$\Phi_{93}^{13}\ \Phi_{31}^{13}\ \Phi_{3}^{12}\ \Phi_{1}^{13}$
72588	1207	1560	$\frac{2}{39}$	$\frac{37}{390}$	$\frac{353}{1560}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{312}\ \Phi_{260}\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{24}\ \Phi_{20}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
72589	1207	1365	$\frac{2}{39}$	$\frac{158}{1365}$	$\frac{37}{195}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{105}\ \Phi_{91}\ \Phi_{39}\ \Phi_{35}\ \Phi_{21}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}$
72590	1207	1404	$\frac{2}{39}$	$\frac{197}{1404}$	$\frac{37}{234}$	$\frac{1}{3}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{156}\ \Phi_{108}\ \Phi_{54}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{27}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
72591	1207	840	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{34}{105}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}^{2}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}^{2}\ \Phi_{120}\ \Phi_{105}^{2}\ \Phi_{84}\ \Phi_{70}^{2}\ \Phi_{60}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
72592	1207	420	$\frac{1}{35}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{34}{105}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{105}^{5}\ \Phi_{84}^{4}\ \Phi_{60}^{4}\ \Phi_{42}^{4}\ \Phi_{30}^{4}\ \Phi_{21}^{5}\ \Phi_{20}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{3}^{5}\ \Phi_{1}$
72593	1207	1782	$\frac{19}{594}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{575}{1782}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_{1}$
72594	1207	1755	$\frac{37}{585}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{548}{1755}$	$\Phi_{1755}\ \Phi_{351}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
72595	1207	1728	$\frac{1}{18}$	$\frac{55}{576}$	$\frac{17}{72}$	$\frac{521}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
72596	1207	1485	$\frac{19}{297}$	$\frac{1}{9}$	$\frac{278}{1485}$	$\frac{8}{27}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{165}\ \Phi_{135}\ \Phi_{55}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
72597	1207	1296	$\frac{89}{1296}$	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
72598	1207	600	$\frac{4}{75}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{600}^{2}\ \Phi_{300}^{2}\ \Phi_{200}^{2}\ \Phi_{150}^{2}\ \Phi_{120}\ \Phi_{100}^{2}\ \Phi_{75}^{3}\ \Phi_{60}\ \Phi_{50}^{2}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{25}^{3}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
72599	1207	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{84}$	$\frac{7}{24}$	$\Phi_{168}^{6}\ \Phi_{84}^{7}\ \Phi_{56}^{8}\ \Phi_{42}^{7}\ \Phi_{28}^{9}\ \Phi_{24}^{7}\ \Phi_{21}^{7}\ \Phi_{14}^{8}\ \Phi_{12}^{8}\ \Phi_{8}^{8}\ \Phi_{7}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{9}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
72600	1207	1848	$\frac{6}{77}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{132}\ \Phi_{77}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
72601	1207	240	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{240}^{8}\ \Phi_{120}^{6}\ \Phi_{80}\ \Phi_{60}^{6}\ \Phi_{48}^{8}\ \Phi_{40}\ \Phi_{30}^{6}\ \Phi_{24}^{7}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}^{6}\ \Phi_{12}^{7}\ \Phi_{8}\ \Phi_{6}^{7}\ \Phi_{4}\ \Phi_{3}^{7}\ \Phi_{1}$
72602	1207	1701	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{567}$	$\frac{494}{1701}$	$\Phi_{1701}\ \Phi_{243}\ \Phi_{81}\ \Phi_{27}\ \Phi_{1}$
72603	1207	288	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{288}^{4}\ \Phi_{144}^{4}\ \Phi_{96}^{3}\ \Phi_{72}^{6}\ \Phi_{48}^{3}\ \Phi_{36}^{6}\ \Phi_{32}^{4}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{16}^{4}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
72604	1207	1620	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{127}{540}$	$\frac{413}{1620}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{162}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
72605	1207	300	$\frac{4}{75}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{100}^{4}\ \Phi_{75}^{5}\ \Phi_{60}^{4}\ \Phi_{50}^{4}\ \Phi_{30}^{4}\ \Phi_{25}^{5}\ \Phi_{20}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{3}^{5}\ \Phi_{1}$
72606	1207	420	$\frac{1}{14}$	$\frac{3}{20}$	$\frac{13}{84}$	$\frac{1}{4}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{2}\ \Phi_{105}^{4}\ \Phi_{84}\ \Phi_{70}^{2}\ \Phi_{60}^{4}\ \Phi_{42}\ \Phi_{35}^{2}\ \Phi_{30}^{4}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^{3}\ \Phi_{15}^{4}\ \Phi_{12}\ \Phi_{10}^{3}\ \Phi_{6}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
72607	1207	1540	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{220}\ \Phi_{110}\ \Phi_{77}\ \Phi_{55}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
72608	1207	80	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{80}^{17}\ \Phi_{40}^{17}\ \Phi_{20}^{10}\ \Phi_{16}^{17}\ \Phi_{10}^{9}\ \Phi_{8}^{17}\ \Phi_{5}^{9}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
72609	1207	1440	$\frac{1}{18}$	$\frac{233}{1440}$	$\frac{55}{288}$	$\frac{17}{72}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
72610	1208	903	$\frac{1}{301}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{150}{301}$	$\Phi_{903}\ \Phi_{301}^2\ \Phi_{129}\ \Phi_{43}^2\ \Phi_{21}\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
72611	1208	1207	$\frac{5}{1207}$	$\frac{303}{1207}$	$\frac{452}{1207}$	$\frac{601}{1207}$	$\Phi_{1207}\ \Phi_{71}\ \Phi_{17}\ \Phi_{1}^2$
72612	1208	1815	$\frac{3}{605}$	$\frac{152}{605}$	$\frac{1}{3}$	$\frac{301}{605}$	$\Phi_{1815}\ \Phi_{363}\ \Phi_{165}\ \Phi_{33}\ \Phi_{15}$
72613	1208	2100	$\frac{1}{150}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{149}{300}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}^2\ \Phi_{140}\ \Phi_{100}^2\ \Phi_{84}\ \Phi_{60}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
72614	1208	300	$\frac{1}{150}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{149}{300}$	$\Phi_{300}^8\ \Phi_{100}^8\ \Phi_{60}^8\ \Phi_{20}^8\ \Phi_{15}\ \Phi_{12}^8\ \Phi_{4}^8$
72615	1208	363	$\frac{1}{121}$	$\frac{61}{363}$	$\frac{1}{3}$	$\frac{60}{121}$	$\Phi_{363}^3\ \Phi_{121}^4\ \Phi_{33}^3\ \Phi_{11}^4\ \Phi_{3}^2\ \Phi_{1}^4$
72616	1208	1010	$\frac{1}{101}$	$\frac{1}{5}$	$\frac{51}{202}$	$\frac{50}{101}$	$\Phi_{1010}^2\ \Phi_{505}\ \Phi_{10}^2$
72617	1208	284	$\frac{1}{71}$	$\frac{9}{142}$	$\frac{133}{284}$	$\frac{35}{71}$	$\Phi_{284}^8\ \Phi_{71}\ \Phi_{4}^8\ \Phi_{1}^2$
72618	1208	213	$\frac{1}{71}$	$\frac{9}{71}$	$\frac{62}{213}$	$\frac{35}{71}$	$\Phi_{213}^8\ \Phi_{71}\ \Phi_{3}^8\ \Phi_{1}^2$
72619	1208	355	$\frac{1}{71}$	$\frac{53}{355}$	$\frac{18}{71}$	$\frac{35}{71}$	$\Phi_{355}^4\ \Phi_{71}\ \Phi_{5}^4\ \Phi_{1}^2$
72620	1208	595	$\frac{9}{595}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{293}{595}$	$\Phi_{595}^2\ \Phi_{119}^2\ \Phi_{85}^2\ \Phi_{35}^2\ \Phi_{17}^3\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
72621	1208	297	$\frac{5}{297}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{146}{297}$	$\Phi_{297}^4\ \Phi_{99}^4\ \Phi_{33}^5\ \Phi_{27}^4\ \Phi_{11}^4\ \Phi_{9}^4\ \Phi_{3}^4\ \Phi_{1}^4$
72622	1208	165	$\frac{1}{55}$	$\frac{14}{165}$	$\frac{1}{3}$	$\frac{27}{55}$	$\Phi_{165}^7\ \Phi_{55}^8\ \Phi_{33}^7\ \Phi_{15}^7\ \Phi_{11}^8\ \Phi_{5}^8\ \Phi_{3}^6\ \Phi_{1}^8$
72623	1208	2664	$\frac{3}{148}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{145}{296}$	$\Phi_{2664}\ \Phi_{888}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
72624	1208	1173	$\frac{35}{1173}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{569}{1173}$	$\Phi_{1173}\ \Phi_{391}\ \Phi_{69}\ \Phi_{51}^2\ \Phi_{23}\ \Phi_{17}\ \Phi_{3}^2\ \Phi_{1}^2$
72625	1208	204	$\frac{2}{51}$	$\frac{1}{17}$	$\frac{53}{204}$	$\frac{49}{102}$	$\Phi_{204}^8\ \Phi_{68}^8\ \Phi_{51}^8\ \Phi_{17}^7\ \Phi_{12}^8\ \Phi_{4}^8\ \Phi_{3}^8\ \Phi_{1}^8$
72626	1208	289	$\frac{13}{289}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{138}{289}$	$\Phi_{289}^4\ \Phi_{17}^7\ \Phi_{1}^8$
72627	1208	288	$\frac{7}{144}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{137}{288}$	$\Phi_{288}^8\ \Phi_{96}^8\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}^8\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
72628	1208	357	$\frac{1}{17}$	$\frac{9}{119}$	$\frac{55}{357}$	$\frac{8}{17}$	$\Phi_{357}^4\ \Phi_{119}^2\ \Phi_{51}^4\ \Phi_{21}^4\ \Phi_{17}^3\ \Phi_{7}^2\ \Phi_{3}^4\ \Phi_{1}^4$
72629	1208	170	$\frac{1}{17}$	$\frac{9}{85}$	$\frac{19}{170}$	$\frac{8}{17}$	$\Phi_{170}^8\ \Phi_{85}^6\ \Phi_{34}^8\ \Phi_{17}^7\ \Phi_{10}^8\ \Phi_{5}^6\ \Phi_{2}^8\ \Phi_{1}^8$
72630	1208	284	$\frac{9}{142}$	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{133}{284}$	$\Phi_{284}^8\ \Phi_{71}\ \Phi_{4}^8\ \Phi_{1}^2$
72631	1208	561	$\frac{1}{17}$	$\frac{43}{561}$	$\frac{8}{51}$	$\frac{259}{561}$	$\Phi_{561}^2\ \Phi_{187}^2\ \Phi_{51}^4\ \Phi_{33}^2\ \Phi_{17}^3\ \Phi_{11}^2\ \Phi_{3}^4\ \Phi_{1}^4$
72632	1208	462	$\frac{3}{154}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{66}^4\ \Phi_{42}^4\ \Phi_{33}^3\ \Phi_{21}^4\ \Phi_{6}^4\ \Phi_{3}^2$
72633	1208	825	$\frac{1}{55}$	$\frac{27}{275}$	$\frac{1}{3}$	$\frac{124}{275}$	$\Phi_{825}^2\ \Phi_{165}^3\ \Phi_{75}^2\ \Phi_{33}^3\ \Phi_{15}^3\ \Phi_{3}^2$
72634	1208	272	$\frac{1}{17}$	$\frac{15}{136}$	$\frac{2}{17}$	$\frac{121}{272}$	$\Phi_{272}^8\ \Phi_{17}^7\ \Phi_{16}^8\ \Phi_{1}^8$
72635	1208	170	$\frac{1}{17}$	$\frac{19}{170}$	$\frac{2}{17}$	$\frac{15}{34}$	$\Phi_{170}^8\ \Phi_{85}^8\ \Phi_{17}^7\ \Phi_{10}^8\ \Phi_{5}^8\ \Phi_{1}^8$
72636	1208	1440	$\frac{9}{160}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
72637	1208	1071	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{137}{1071}$	$\frac{467}{1071}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}^2\ \Phi_{119}\ \Phi_{63}\ \Phi_{51}^2\ \Phi_{21}\ \Phi_{17}\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{3}^2\ \Phi_{1}^2$
72638	1208	1065	$\frac{1}{71}$	$\frac{143}{1065}$	$\frac{70}{213}$	$\frac{461}{1065}$	$\Phi_{1065}\ \Phi_{355}\ \Phi_{213}^2\ \Phi_{71}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
72639	1208	2394	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{18}{133}$	$\frac{115}{266}$	$\Phi_{2394}\ \Phi_{798}\ \Phi_{342}\ \Phi_{171}\ \Phi_{126}\ \Phi_{114}\ \Phi_{57}\ \Phi_{42}\ \Phi_{18}\ \Phi_{6}$
72640	1208	1071	$\frac{2}{153}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}^2\ \Phi_{119}\ \Phi_{63}\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
72641	1208	1575	$\frac{1}{75}$	$\frac{1}{7}$	$\frac{74}{225}$	$\frac{3}{7}$	$\Phi_{1575}\ \Phi_{315}\ \Phi_{225}^2\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
72642	1208	1400	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{49}{200}$	$\frac{3}{7}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{280}\ \Phi_{200}^2\ \Phi_{140}\ \Phi_{100}^2\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
72643	1208	1085	$\frac{4}{155}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1085}\ \Phi_{217}\ \Phi_{155}^2\ \Phi_{31}^2\ \Phi_{7}\ \Phi_{1}^2$
72644	1208	1092	$\frac{5}{156}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}^2\ \Phi_{91}\ \Phi_{84}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{28}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
72645	1208	1260	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{29}{180}$	$\frac{3}{7}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}^2\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
72646	1208	175	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{175}^7\ \Phi_{35}^7\ \Phi_{25}^6\ \Phi_7^8\ \Phi_5^6\ \Phi_1^8$
72647	1208	1120	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}^2\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}^2\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
72648	1208	1155	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}^2\ \Phi_{77}\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_1^2$
72649	1208	213	$\frac{1}{71}$	$\frac{35}{213}$	$\frac{62}{213}$	$\frac{89}{213}$	$\Phi_{213}^6\ \Phi_{71}^5\ \Phi_3^6\ \Phi_1^6$
72650	1208	153	$\frac{2}{153}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{153}^8\ \Phi_{51}^8\ \Phi_{17}^7\ \Phi_9^8\ \Phi_3^8\ \Phi_1^8$
72651	1208	255	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{47}{255}$	$\frac{104}{255}$	$\Phi_{255}^4\ \Phi_{85}^4\ \Phi_{51}^8\ \Phi_{17}^7\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^8\ \Phi_1^8$
72652	1208	915	$\frac{3}{305}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{915}^2\ \Phi_{183}^2\ \Phi_{15}$
72653	1208	726	$\frac{1}{121}$	$\frac{30}{121}$	$\frac{1}{3}$	$\frac{91}{242}$	$\Phi_{726}^4\ \Phi_{363}\ \Phi_{66}^4\ \Phi_{33}\ \Phi_6^4$
72654	1208	459	$\frac{8}{153}$	$\frac{1}{17}$	$\frac{145}{459}$	$\frac{157}{459}$	$\Phi_{459}^2\ \Phi_{153}^4\ \Phi_{51}^4\ \Phi_{27}^2\ \Phi_{17}^3\ \Phi_9^4\ \Phi_3^4\ \Phi_1^4$
72655	1208	684	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{37}{114}$	$\frac{77}{228}$	$\Phi_{684}^3\ \Phi_{342}\ \Phi_{228}^2\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{36}^3\ \Phi_{18}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
72656	1208	456	$\frac{1}{152}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{152}^2\ \Phi_{114}^3\ \Phi_{76}^2\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{24}^3\ \Phi_{19}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
72657	1208	765	$\frac{2}{153}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{85}^2\ \Phi_{45}^2\ \Phi_{15}$
72658	1208	462	$\frac{3}{154}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{22}^4\ \Phi_{21}\ \Phi_{14}^4\ \Phi_{11}^4\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
72659	1208	516	$\frac{1}{43}$	$\frac{21}{172}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{516}^2\ \Phi_{258}^2\ \Phi_{172}^4\ \Phi_{129}\ \Phi_{86}^4\ \Phi_{43}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
72660	1208	225	$\frac{1}{75}$	$\frac{1}{5}$	$\frac{74}{225}$	$\frac{1}{3}$	$\Phi_{225}^8\ \Phi_{45}^8\ \Phi_{15}\ \Phi_9^8$
72661	1208	891	$\frac{10}{297}$	$\frac{1}{11}$	$\frac{287}{891}$	$\frac{1}{3}$	$\Phi_{891}^2\ \Phi_{81}^2\ \Phi_{33}$
72662	1208	627	$\frac{23}{627}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{627}^2\ \Phi_{209}^2\ \Phi_{57}^2\ \Phi_{33}\ \Phi_{19}^2$
72663	1208	825	$\frac{1}{55}$	$\frac{54}{275}$	$\frac{221}{825}$	$\frac{1}{3}$	$\Phi_{825}\ \Phi_{275}^2\ \Phi_{165}^2\ \Phi_{75}\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
72664	1208	615	$\frac{11}{615}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{615}^2\ \Phi_{205}^2\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_{15}$
72665	1208	600	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{49}{200}$	$\frac{1}{3}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{120}^4\ \Phi_{60}^4\ \Phi_{24}^4\ \Phi_{15}\ \Phi_{12}^4$
72666	1208	198	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{47}{198}$	$\frac{1}{3}$	$\Phi_{198}^8\ \Phi_{99}^4\ \Phi_{66}^8\ \Phi_{33}^5\ \Phi_{22}^8\ \Phi_{18}^8\ \Phi_{11}^4\ \Phi_9^4\ \Phi_6^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^4$
72667	1208	165	$\frac{3}{55}$	$\frac{14}{165}$	$\frac{13}{55}$	$\frac{1}{3}$	$\Phi_{165}^7\ \Phi_{55}^8\ \Phi_{33}^7\ \Phi_{15}^7\ \Phi_{11}^8\ \Phi_5^8\ \Phi_3^6\ \Phi_1^8$
72668	1208	465	$\frac{4}{155}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{465}^4\ \Phi_{93}^4\ \Phi_{15}$
72669	1208	375	$\frac{2}{75}$	$\frac{73}{375}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{375}^4\ \Phi_{125}^4\ \Phi_{15}$
72670	1208	780	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}$
72671	1208	180	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^8\ \Phi_{45}^8\ \Phi_{36}^8\ \Phi_{20}^8\ \Phi_{18}^8\ \Phi_{15}\ \Phi_{12}^8\ \Phi_9^8\ \Phi_4^8$
72672	1208	1875	$\frac{21}{625}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1875}\ \Phi_{375}\ \Phi_{15}$
72673	1208	525	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{525}^4\ \Phi_{105}^4\ \Phi_{21}^4\ \Phi_{15}$
72674	1208	315	$\frac{13}{315}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}\ \Phi_9^4\ \Phi_7^4$
72675	1208	675	$\frac{4}{75}$	$\frac{71}{675}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}\ \Phi_9^2$
72676	1208	480	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{15}\ \Phi_{12}^4$
72677	1208	165	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{165}^8\ \Phi_{55}^8\ \Phi_{33}^8\ \Phi_{15}\ \Phi_{11}^8$
72678	1208	975	$\frac{23}{325}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{975}^2\ \Phi_{195}^2\ \Phi_{39}^2\ \Phi_{15}$
72679	1208	165	$\frac{14}{165}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{3}$	$\Phi_{165}^8\ \Phi_{55}^8\ \Phi_{33}^5\ \Phi_{15}^8\ \Phi_{11}^4\ \Phi_5^8\ \Phi_3^4\ \Phi_1^4$
72680	1208	693	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{693}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{33}\ \Phi_{21}^2\ \Phi_7^2$
72681	1208	216	$\frac{7}{72}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{65}{216}$	$\Phi_{216}^8\ \Phi_{108}^8\ \Phi_{72}\ \Phi_{54}^8\ \Phi_{36}\ \Phi_{27}^8\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
72682	1208	504	$\frac{17}{168}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^2\ \Phi_{126}^3\ \Phi_{84}^2\ \Phi_{72}\ \Phi_{63}^3\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_6$
72683	1208	213	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{62}{213}$	$\Phi_{213}^8\ \Phi_{71}\ \Phi_3^8\ \Phi_1^2$
72684	1208	204	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{15}{68}$	$\frac{53}{204}$	$\Phi_{204}^8\ \Phi_{102}^8\ \Phi_{51}^8\ \Phi_{17}^7\ \Phi_{12}^8\ \Phi_6^8\ \Phi_3^8\ \Phi_1^8$
72685	1208	576	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{192}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^2\ \Phi_{96}^2\ \Phi_{72}\ \Phi_{64}^2\ \Phi_{36}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
72686	1209	1616	$\frac{3}{404}$	$\frac{1}{4}$	$\frac{407}{1616}$	$\frac{401}{808}$	$\Phi_{1616}\ \Phi_{404}\ \Phi_{202}\ \Phi_{101}\ \Phi_{16}\ \Phi_1$
72687	1209	800	$\frac{3}{400}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{397}{800}$	$\Phi_{800}^3\ \Phi_{160}^3\ \Phi_{32}^3\ \Phi_{16}\ \Phi_1$
72688	1209	800	$\frac{3}{400}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{397}{800}$	$\Phi_{800}^3\ \Phi_{160}^3\ \Phi_{32}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
72689	1209	552	$\frac{1}{92}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{91}{184}$	$\Phi_{276}^4\ \Phi_{184}\ \Phi_{138}^4\ \Phi_{92}^4\ \Phi_{69}^4\ \Phi_{46}^4\ \Phi_{24}\ \Phi_{23}^4\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
72690	1209	2760	$\frac{1}{92}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{91}{184}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{184}\ \Phi_{120}\ \Phi_{40}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
72691	1209	1656	$\frac{1}{92}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{91}{184}$	$\Phi_{1656}^2\ \Phi_{184}\ \Phi_{72}^2\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
72692	1209	368	$\frac{1}{92}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{91}{184}$	$\Phi_{368}^4\ \Phi_{184}\ \Phi_{92}^4\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{16}^5\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
72693	1209	2368	$\frac{25}{1184}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1159}{2368}$	$\Phi_{2368}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
72694	1209	1140	$\frac{1}{38}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{37}{76}$	$\Phi_{570}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
72695	1209	2508	$\frac{1}{38}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{132}\ \Phi_{76}\ \Phi_{44}\ \Phi_{33}\ \Phi_{11}\ \Phi_4\ \Phi_1$
72696	1209	3420	$\frac{1}{38}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{37}{76}$	$\Phi_{3420}\ \Phi_{684}\ \Phi_{180}\ \Phi_{76}\ \Phi_{45}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
72697	1209	760	$\frac{1}{38}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{37}{76}$	$\Phi_{760}^2\ \Phi_{190}^2\ \Phi_{152}^2\ \Phi_{95}^2\ \Phi_{76}\ \Phi_{40}^3\ \Phi_{38}^2\ \Phi_{20}\ \Phi_{19}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
72698	1209	2660	$\frac{1}{38}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{37}{76}$	$\Phi_{2660}\ \Phi_{532}\ \Phi_{140}\ \Phi_{76}\ \Phi_{35}\ \Phi_{28}\ \Phi_7\ \Phi_4\ \Phi_1$
72699	1209	684	$\frac{1}{38}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{37}{76}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{76}\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{36}^3\ \Phi_{19}^2\ \Phi_{18}^3\ \Phi_{12}\ \Phi_9^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
72700	1209	1140	$\frac{1}{30}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{29}{60}$	$\Phi_{1140}^2\ \Phi_{380}^2\ \Phi_{228}^2\ \Phi_{76}^2\ \Phi_{60}^3\ \Phi_{20}^3\ \Phi_{19}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
72701	1209	420	$\frac{1}{30}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{420}^2\ \Phi_{210}^4\ \Phi_{140}^2\ \Phi_{105}^4\ \Phi_{84}^2\ \Phi_{70}^4\ \Phi_{60}\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^2\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{14}^5\ \Phi_{12}\ \Phi_{10}^2\ \Phi_7^5\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
72702	1209	768	$\frac{19}{384}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{365}{768}$	$\Phi_{768}^3\ \Phi_{256}^3\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
72703	1209	552	$\frac{1}{46}$	$\frac{1}{12}$	$\frac{15}{46}$	$\frac{11}{24}$	$\Phi_{552}^4\ \Phi_{184}^4\ \Phi_{46}^2\ \Phi_{24}^5\ \Phi_{23}^2\ \Phi_8^5\ \Phi_2^2\ \Phi_1^3$
72704	1209	96	$\frac{1}{32}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{96}^{12}\ \Phi_{48}^{12}\ \Phi_{32}^{15}\ \Phi_{24}^9\ \Phi_{16}^{15}\ \Phi_{12}^{12}\ \Phi_8^{12}\ \Phi_6^{12}\ \Phi_4^{14}\ \Phi_3^{12}\ \Phi_2^{14}\ \Phi_1^{15}$
72705	1209	2760	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{22}{115}$	$\frac{11}{24}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{120}\ \Phi_{115}\ \Phi_{40}\ \Phi_{24}\ \Phi_8\ \Phi_5\ \Phi_1$
72706	1209	280	$\frac{1}{40}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^3\ \Phi_{40}^7\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{20}^7\ \Phi_{14}^4\ \Phi_{10}^7\ \Phi_8^6\ \Phi_7^4\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
72707	1209	1280	$\frac{71}{1280}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
72708	1209	1120	$\frac{1}{32}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}^2\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}^2\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
72709	1209	1600	$\frac{9}{400}$	$\frac{1}{8}$	$\frac{391}{1600}$	$\frac{7}{16}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{320}\ \Phi_{160}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
72710	1209	32	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{32}^{39}\ \Phi_{16}^{37}\ \Phi_8^{36}\ \Phi_4^{36}\ \Phi_2^{36}\ \Phi_1^{37}$
72711	1209	480	$\frac{3}{80}$	$\frac{1}{8}$	$\frac{77}{480}$	$\frac{7}{16}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{16}\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
72712	1209	1280	$\frac{71}{1280}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
72713	1209	2128	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{145}{1064}$	$\frac{919}{2128}$	$\Phi_{2128}\ \Phi_{304}\ \Phi_{152}\ \Phi_{112}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
72714	1209	64	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{64}^{31}\ \Phi_{32}^7\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
72715	1209	408	$\frac{5}{408}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^3\ \Phi_{204}^3\ \Phi_{136}^3\ \Phi_{102}^3\ \Phi_{68}^3\ \Phi_{51}^3\ \Phi_{34}^3\ \Phi_{24}^3\ \Phi_{17}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
72716	1209	240	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{240}^{8}\ \Phi_{80}^{8}\ \Phi_{48}^{7}\ \Phi_{40}^{7}\ \Phi_{20}^{7}\ \Phi_{16}^{7}\ \Phi_{10}^{7}\ \Phi_{8}^{6}\ \Phi_{5}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
72717	1209	160	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{160}^{8}\ \Phi_{80}^{8}\ \Phi_{40}^{8}\ \Phi_{32}^{7}\ \Phi_{20}^{5}\ \Phi_{16}^{7}\ \Phi_{10}^{7}\ \Phi_{8}^{7}\ \Phi_{5}^{7}\ \Phi_{4}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
72718	1209	453	$\frac{4}{151}$	$\frac{50}{453}$	$\frac{49}{151}$	$\frac{51}{151}$	$\Phi_{453}^{3}\ \Phi_{151}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
72719	1209	608	$\frac{7}{304}$	$\frac{1}{8}$	$\frac{99}{304}$	$\frac{205}{608}$	$\Phi_{608}^{3}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}\ \Phi_{32}^{3}\ \Phi_{19}\ \Phi_{16}\ \Phi_{1}$
72720	1209	1212	$\frac{1}{101}$	$\frac{1}{4}$	$\frac{100}{303}$	$\frac{203}{606}$	$\Phi_{1212}\ \Phi_{404}^{2}\ \Phi_{303}\ \Phi_{202}\ \Phi_{101}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
72721	1209	604	$\frac{1}{151}$	$\frac{50}{151}$	$\frac{201}{604}$	$\frac{101}{302}$	$\Phi_{604}^{3}\ \Phi_{151}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
72722	1209	519	$\frac{2}{173}$	$\frac{116}{519}$	$\frac{57}{173}$	$\frac{1}{3}$	$\Phi_{519}^{2}\ \Phi_{173}^{3}\ \Phi_{3}\ \Phi_{1}^{3}$
72723	1209	690	$\frac{1}{46}$	$\frac{2}{15}$	$\frac{15}{46}$	$\frac{1}{3}$	$\Phi_{690}^{2}\ \Phi_{345}^{2}\ \Phi_{230}^{2}\ \Phi_{115}^{2}\ \Phi_{46}^{2}\ \Phi_{30}^{2}\ \Phi_{23}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
72724	1209	627	$\frac{1}{19}$	$\frac{2}{33}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{627}^{2}\ \Phi_{209}^{2}\ \Phi_{33}^{3}\ \Phi_{19}^{2}\ \Phi_{11}^{3}\ \Phi_{1}^{3}$
72725	1209	480	$\frac{1}{32}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{3}\ \Phi_{120}^{3}\ \Phi_{80}^{3}\ \Phi_{60}^{2}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
72726	1209	924	$\frac{2}{33}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^{2}\ \Phi_{462}\ \Phi_{308}^{2}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{77}\ \Phi_{44}\ \Phi_{33}\ \Phi_{28}^{2}\ \Phi_{14}\ \Phi_{11}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
72727	1209	345	$\frac{1}{23}$	$\frac{2}{15}$	$\frac{22}{115}$	$\frac{1}{3}$	$\Phi_{345}^{3}\ \Phi_{115}^{4}\ \Phi_{69}^{4}\ \Phi_{23}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
72728	1209	600	$\frac{3}{200}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{197}{600}$	$\Phi_{600}^{3}\ \Phi_{300}^{3}\ \Phi_{150}^{3}\ \Phi_{120}^{3}\ \Phi_{75}^{3}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
72729	1209	414	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{15}{46}$	$\Phi_{414}^{4}\ \Phi_{207}^{4}\ \Phi_{46}^{2}\ \Phi_{23}^{2}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
72730	1209	368	$\frac{1}{46}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{15}{46}$	$\Phi_{368}^{4}\ \Phi_{184}^{4}\ \Phi_{46}^{2}\ \Phi_{23}^{2}\ \Phi_{16}^{5}\ \Phi_{8}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
72731	1209	855	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{6}{19}$	$\Phi_{855}^{2}\ \Phi_{171}^{2}\ \Phi_{45}^{3}\ \Phi_{19}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
72732	1209	760	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{6}{19}$	$\Phi_{760}^{2}\ \Phi_{380}^{2}\ \Phi_{152}^{2}\ \Phi_{76}^{2}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{19}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
72733	1209	665	$\frac{1}{19}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{6}{19}$	$\Phi_{665}^{2}\ \Phi_{133}^{2}\ \Phi_{35}^{3}\ \Phi_{19}^{2}\ \Phi_{7}^{3}\ \Phi_{1}^{3}$
72734	1209	684	$\frac{1}{19}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{6}{19}$	$\Phi_{684}^{2}\ \Phi_{342}^{2}\ \Phi_{228}^{2}\ \Phi_{171}^{2}\ \Phi_{76}^{2}\ \Phi_{36}^{3}\ \Phi_{19}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
72735	1209	1260	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{1260}^{2}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}^{2}\ \Phi_{180}\ \Phi_{126}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}^{2}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
72736	1209	576	$\frac{19}{192}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{173}{576}$	$\Phi_{576}^{3}\ \Phi_{288}^{3}\ \Phi_{144}^{3}\ \Phi_{72}^{3}\ \Phi_{64}\ \Phi_{36}^{3}\ \Phi_{32}\ \Phi_{18}^{3}\ \Phi_{16}\ \Phi_{9}^{3}\ \Phi_{1}$
72737	1209	448	$\frac{45}{448}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{19}{64}$	$\Phi_{448}^{3}\ \Phi_{224}^{3}\ \Phi_{112}^{3}\ \Phi_{64}\ \Phi_{56}^{3}\ \Phi_{32}\ \Phi_{28}^{3}\ \Phi_{16}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{1}$
72738	1209	288	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{288}^{6}\ \Phi_{144}^{6}\ \Phi_{72}^{6}\ \Phi_{36}^{4}\ \Phi_{32}^{3}\ \Phi_{18}^{5}\ \Phi_{16}^{3}\ \Phi_{9}^{5}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
72739	1209	2070	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{22}{115}$	$\frac{5}{18}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{115}\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
72740	1209	500	$\frac{3}{100}$	$\frac{97}{500}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{500}^{3}\ \Phi_{250}^{3}\ \Phi_{125}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
72741	1209	32	$\frac{1}{32}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{32}^{39}\ \Phi_{16}^{36}\ \Phi_{8}^{36}\ \Phi_{4}^{38}\ \Phi_{2}^{38}\ \Phi_{1}^{39}$
72742	1209	480	$\frac{3}{80}$	$\frac{77}{480}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{3}\ \Phi_{120}^{3}\ \Phi_{96}^{3}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
72743	1209	420	$\frac{17}{420}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{70}^{3}\ \Phi_{60}^{3}\ \Phi_{42}^{3}\ \Phi_{35}^{3}\ \Phi_{30}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
72744	1209	440	$\frac{3}{40}$	$\frac{37}{440}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{440}^{3}\ \Phi_{220}^{3}\ \Phi_{110}^{3}\ \Phi_{88}^{3}\ \Phi_{55}^{3}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{11}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
72745	1209	368	$\frac{3}{92}$	$\frac{3}{16}$	$\frac{89}{368}$	$\frac{1}{4}$	$\Phi_{368}^{3}\ \Phi_{184}^{3}\ \Phi_{92}^{4}\ \Phi_{46}^{4}\ \Phi_{23}^{4}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
72746	1209	280	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{280}^{6}\ \Phi_{140}^{2}\ \Phi_{70}^{4}\ \Phi_{56}^{6}\ \Phi_{40}^{3}\ \Phi_{35}^{4}\ \Phi_{28}^{4}\ \Phi_{20}\ \Phi_{14}^{5}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{5}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
72747	1209	140	$\frac{1}{14}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^{11}\ \Phi_{70}^{5}\ \Phi_{35}^{6}\ \Phi_{28}^{13}\ \Phi_{20}^{12}\ \Phi_{14}^{6}\ \Phi_{10}^{6}\ \Phi_{7}^{7}\ \Phi_{5}^{6}\ \Phi_{4}^{13}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
72748	1209	1840	$\frac{1}{23}$	$\frac{3}{16}$	$\frac{22}{115}$	$\frac{1}{4}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{115}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
72749	1209	252	$\frac{1}{14}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{84}^{2}\ \Phi_{63}^{6}\ \Phi_{42}^{4}\ \Phi_{36}^{3}\ \Phi_{28}^{4}\ \Phi_{21}^{4}\ \Phi_{18}^{3}\ \Phi_{14}^{5}\ \Phi_{12}\ \Phi_{9}^{3}\ \Phi_{7}^{5}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
72750	1209	512	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{19}{128}$	$\frac{109}{512}$	$\Phi_{512}^{3}\ \Phi_{256}^{3}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
72751	1209	105	$\frac{4}{35}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{105}^{13}\ \Phi_{35}^{8}\ \Phi_{21}^{13}\ \Phi_{15}^{15}\ \Phi_{7}^{7}\ \Phi_{5}^{9}\ \Phi_{3}^{15}\ \Phi_{1}^{9}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
72752	1210	1206	$\frac{2}{603}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{601}{1206}$	$\Phi_{1206}^2\ \Phi_{402}^2\ \Phi_{134}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
72753	1210	1928	$\frac{1}{241}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{120}{241}$	$\Phi_{1928}\ \Phi_{241}\ \Phi_8^2\ \Phi_1^2$
72754	1210	2424	$\frac{1}{202}$	$\frac{203}{808}$	$\frac{1}{3}$	$\frac{201}{404}$	$\Phi_{2424}\ \Phi_{606}\ \Phi_{303}\ \Phi_{24}\ \Phi_6$
72755	1210	720	$\frac{1}{120}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{119}{240}$	$\Phi_{720}^3\ \Phi_{240}^4\ \Phi_{144}^3\ \Phi_{80}^4\ \Phi_{48}^4\ \Phi_{16}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
72756	1210	240	$\frac{1}{120}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{119}{240}$	$\Phi_{240}^{10}\ \Phi_{80}^{10}\ \Phi_{48}^{10}\ \Phi_{16}^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
72757	1210	2180	$\frac{1}{109}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{54}{109}$	$\Phi_{2180}\ \Phi_{436}\ \Phi_{109}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
72758	1210	1635	$\frac{1}{109}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{54}{109}$	$\Phi_{1635}\ \Phi_{327}\ \Phi_{109}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
72759	1210	1116	$\frac{1}{93}$	$\frac{47}{558}$	$\frac{511}{1116}$	$\frac{46}{93}$	$\Phi_{1116}^2\ \Phi_{372}^2\ \Phi_{124}^2\ \Phi_{93}\ \Phi_{36}^2\ \Phi_{31}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
72760	1210	837	$\frac{1}{93}$	$\frac{47}{279}$	$\frac{232}{837}$	$\frac{46}{93}$	$\Phi_{837}^2\ \Phi_{93}\ \Phi_{31}\ \Phi_{27}^2\ \Phi_3\ \Phi_1^2$
72761	1210	744	$\frac{1}{93}$	$\frac{139}{744}$	$\frac{47}{186}$	$\frac{46}{93}$	$\Phi_{744}^2\ \Phi_{372}^2\ \Phi_{248}^2\ \Phi_{124}^2\ \Phi_{93}\ \Phi_{31}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
72762	1210	1196	$\frac{7}{598}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{591}{1196}$	$\Phi_{1196}^2\ \Phi_{92}^2\ \Phi_{52}^2\ \Phi_{13}\ \Phi_4^2\ \Phi_1^2$
72763	1210	162	$\frac{1}{81}$	$\frac{1}{6}$	$\frac{41}{162}$	$\frac{40}{81}$	$\Phi_{162}^7\ \Phi_{81}^8\ \Phi_{54}^7\ \Phi_{27}^8\ \Phi_{18}^7\ \Phi_9^8\ \Phi_6^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
72764	1210	756	$\frac{1}{54}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{53}{108}$	$\Phi_{756}^3\ \Phi_{252}^3\ \Phi_{108}^4\ \Phi_{84}^3\ \Phi_{36}^4\ \Phi_{28}^3\ \Phi_{21}\ \Phi_{12}^4\ \Phi_7\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
72765	1210	108	$\frac{1}{54}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{53}{108}$	$\Phi_{108}^{10}\ \Phi_{54}^{12}\ \Phi_{36}^{10}\ \Phi_{27}^{12}\ \Phi_{18}^{12}\ \Phi_{12}^{12}\ \Phi_9^{12}\ \Phi_6^{14}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
72766	1210	756	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{53}{108}$	$\Phi_{756}^3\ \Phi_{252}^3\ \Phi_{108}^4\ \Phi_{84}^3\ \Phi_{36}^4\ \Phi_{28}^3\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_7\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
72767	1210	234	$\frac{1}{39}$	$\frac{4}{117}$	$\frac{113}{234}$	$\frac{19}{39}$	$\Phi_{234}^{10}\ \Phi_{78}^{10}\ \Phi_{39}\ \Phi_{26}^{10}\ \Phi_{18}^{10}\ \Phi_{13}\ \Phi_6^{10}\ \Phi_3\ \Phi_2^{10}\ \Phi_1^2$
72768	1210	156	$\frac{1}{39}$	$\frac{4}{39}$	$\frac{35}{156}$	$\frac{19}{39}$	$\Phi_{156}^{10}\ \Phi_{78}^{10}\ \Phi_{52}^{10}\ \Phi_{39}\ \Phi_{26}^{10}\ \Phi_{13}\ \Phi_{12}^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3\ \Phi_2^{10}\ \Phi_1^2$
72769	1210	702	$\frac{1}{39}$	$\frac{97}{702}$	$\frac{20}{117}$	$\frac{19}{39}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{234}^2\ \Phi_{78}^2\ \Phi_{54}^2\ \Phi_{39}\ \Phi_{27}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
72770	1210	444	$\frac{1}{37}$	$\frac{1}{12}$	$\frac{19}{74}$	$\frac{18}{37}$	$\Phi_{444}^3\ \Phi_{222}^3\ \Phi_{148}^3\ \Phi_{111}^3\ \Phi_{74}\ \Phi_{37}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
72771	1210	1178	$\frac{16}{589}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{573}{1178}$	$\Phi_{1178}^2\ \Phi_{62}^2\ \Phi_{38}^2\ \Phi_{31}\ \Phi_2^2\ \Phi_1^2$
72772	1210	234	$\frac{4}{117}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{113}{234}$	$\Phi_{234}^{10}\ \Phi_{78}^{10}\ \Phi_{26}^{10}\ \Phi_{18}^{10}\ \Phi_{13}^3\ \Phi_6^{10}\ \Phi_2^{10}\ \Phi_1^4$
72773	1210	234	$\frac{4}{117}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{113}{234}$	$\Phi_{234}^4\ \Phi_{117}^6\ \Phi_{78}^4\ \Phi_{39}^6\ \Phi_{26}^4\ \Phi_{18}^7\ \Phi_{13}^6\ \Phi_9^8\ \Phi_6^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
72774	1210	270	$\frac{1}{27}$	$\frac{14}{135}$	$\frac{1}{6}$	$\frac{13}{27}$	$\Phi_{270}^6\ \Phi_{135}^4\ \Phi_{90}^6\ \Phi_{54}^3\ \Phi_{45}^4\ \Phi_{30}^6\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_9^2\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
72775	1210	399	$\frac{2}{57}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{399}^3\ \Phi_{133}^3\ \Phi_{57}^4\ \Phi_{21}\ \Phi_{19}^4\ \Phi_7\ \Phi_3\ \Phi_1^2$
72776	1210	567	$\frac{1}{27}$	$\frac{1}{21}$	$\frac{26}{81}$	$\frac{10}{21}$	$\Phi_{567}^3\ \Phi_{81}^4\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
72777	1210	504	$\frac{1}{21}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{10}{21}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{84}^3\ \Phi_{72}^4\ \Phi_{56}^3\ \Phi_{36}^4\ \Phi_{28}^3\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{12}^4\ \Phi_8^4\ \Phi_7\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
72778	1210	189	$\frac{1}{21}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{10}{21}$	$\Phi_{189}^6\ \Phi_{63}^6\ \Phi_{27}^8\ \Phi_{21}^7\ \Phi_9^8\ \Phi_7^7\ \Phi_3^9\ \Phi_1^{10}$
72779	1210	84	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{10}{21}$	$\Phi_{84}^{15}\ \Phi_{42}^{12}\ \Phi_{28}^{15}\ \Phi_{21}^{13}\ \Phi_{14}^{12}\ \Phi_{12}^{20}\ \Phi_7^{13}\ \Phi_6^{16}\ \Phi_4^{20}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
72780	1210	63	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{10}{21}$	$\Phi_{63}^{19}\ \Phi_{21}^{20}\ \Phi_9^{18}\ \Phi_7^{20}\ \Phi_3^{19}\ \Phi_1^{20}$
72781	1210	2392	$\frac{1}{23}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{2392}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}$
72782	1210	104	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{49}{104}$	$\Phi_{104}^{22}\ \Phi_{13}^5\ \Phi_8^{22}\ \Phi_1^6$
72783	1210	1209	$\frac{59}{1209}$	$\frac{89}{1209}$	$\frac{230}{1209}$	$\frac{560}{1209}$	$\Phi_{1209}\ \Phi_{403}\ \Phi_{93}\ \Phi_{39}\ \Phi_{31}\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
72784	1210	897	$\frac{7}{299}$	$\frac{1}{13}$	$\frac{292}{897}$	$\frac{6}{13}$	$\Phi_{897}^2\ \Phi_{69}^2\ \Phi_{39}^2\ \Phi_{13}\ \Phi_3^2\ \Phi_1^2$
72785	1210	624	$\frac{19}{624}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{48}^2\ \Phi_{39}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
72786	1210	444	$\frac{3}{37}$	$\frac{1}{12}$	$\frac{4}{37}$	$\frac{17}{37}$	$\Phi_{444}^3\ \Phi_{222}^3\ \Phi_{148}^3\ \Phi_{111}^3\ \Phi_{74}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2$
72787	1210	1209	$\frac{98}{1209}$	$\frac{101}{1209}$	$\frac{131}{1209}$	$\frac{554}{1209}$	$\Phi_{1209}\ \Phi_{403}\ \Phi_{93}\ \Phi_{39}\ \Phi_{31}\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
72788	1210	1116	$\frac{1}{31}$	$\frac{47}{558}$	$\frac{15}{62}$	$\frac{511}{1116}$	$\Phi_{1116}^2\ \Phi_{372}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{36}^2\ \Phi_{31}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
72789	1210	162	$\frac{4}{81}$	$\frac{7}{81}$	$\frac{1}{6}$	$\frac{37}{81}$	$\Phi_{162}^{9}\ \Phi_{81}^{6}\ \Phi_{54}^{9}\ \Phi_{27}^{6}\ \Phi_{18}^{9}\ \Phi_{9}^{6}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
72790	1210	840	$\frac{1}{56}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{3}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{3}\ \Phi_{60}\ \Phi_{42}^{3}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
72791	1210	2180	$\frac{4}{109}$	$\frac{1}{10}$	$\frac{21}{109}$	$\frac{9}{20}$	$\Phi_{2180}\ \Phi_{436}\ \Phi_{109}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
72792	1210	1380	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{1380}^{2}\ \Phi_{460}\ \Phi_{276}^{2}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
72793	1210	2180	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{2180}\ \Phi_{436}\ \Phi_{109}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
72794	1210	660	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}\ \Phi_{165}^{2}\ \Phi_{132}^{3}\ \Phi_{110}^{2}\ \Phi_{66}^{3}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{3}\ \Phi_{22}^{3}\ \Phi_{11}^{2}$
72795	1210	1092	$\frac{1}{39}$	$\frac{59}{546}$	$\frac{19}{78}$	$\frac{487}{1092}$	$\Phi_{1092}^{2}\ \Phi_{364}^{2}\ \Phi_{156}^{2}\ \Phi_{84}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{28}^{2}\ \Phi_{26}^{2}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72796	1210	369	$\frac{2}{123}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{369}^{3}\ \Phi_{123}^{4}\ \Phi_{41}^{4}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
72797	1210	180	$\frac{1}{60}$	$\frac{1}{9}$	$\frac{59}{180}$	$\frac{4}{9}$	$\Phi_{180}^{7}\ \Phi_{90}^{7}\ \Phi_{60}^{6}\ \Phi_{45}^{7}\ \Phi_{36}^{7}\ \Phi_{30}^{6}\ \Phi_{20}^{6}\ \Phi_{18}^{7}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{10}^{6}\ \Phi_{9}^{8}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
72798	1210	1116	$\frac{3}{124}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1116}\ \Phi_{558}\ \Phi_{372}\ \Phi_{279}\ \Phi_{186}\ \Phi_{124}^{2}\ \Phi_{93}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
72799	1210	1440	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{39}{160}$	$\frac{4}{9}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}^{2}\ \Phi_{144}\ \Phi_{96}\ \Phi_{80}^{2}\ \Phi_{48}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
72800	1210	1125	$\frac{4}{125}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{225}\ \Phi_{125}^{2}\ \Phi_{75}\ \Phi_{25}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
72801	1210	450	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{29}{150}$	$\frac{4}{9}$	$\Phi_{450}^{3}\ \Phi_{225}^{3}\ \Phi_{150}^{4}\ \Phi_{75}^{4}\ \Phi_{50}^{4}\ \Phi_{25}^{4}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
72802	1210	126	$\frac{5}{126}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{126}^{10}\ \Phi_{63}^{10}\ \Phi_{42}^{10}\ \Phi_{21}^{10}\ \Phi_{18}^{7}\ \Phi_{14}^{10}\ \Phi_{9}^{8}\ \Phi_{7}^{10}\ \Phi_{6}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
72803	1210	144	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{23}{144}$	$\frac{4}{9}$	$\Phi_{144}^{10}\ \Phi_{72}^{7}\ \Phi_{48}^{10}\ \Phi_{36}^{7}\ \Phi_{24}^{6}\ \Phi_{18}^{7}\ \Phi_{16}^{10}\ \Phi_{12}^{6}\ \Phi_{9}^{8}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
72804	1210	1260	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{19}{140}$	$\frac{4}{9}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}^{2}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^{2}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{14}^{2}\ \Phi_{9}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
72805	1210	1152	$\frac{7}{128}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}^{2}\ \Phi_{96}\ \Phi_{64}^{2}\ \Phi_{48}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
72806	1210	135	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{135}^{10}\ \Phi_{45}^{7}\ \Phi_{27}^{10}\ \Phi_{15}^{6}\ \Phi_{9}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
72807	1210	1170	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{130}^{2}\ \Phi_{117}\ \Phi_{78}\ \Phi_{65}^{2}\ \Phi_{39}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
72808	1210	36	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{36}^{30}\ \Phi_{18}^{30}\ \Phi_{12}^{40}\ \Phi_{9}^{31}\ \Phi_{6}^{40}\ \Phi_{4}^{40}\ \Phi_{3}^{41}\ \Phi_{2}^{40}\ \Phi_{1}^{42}$
72809	1210	217	$\frac{1}{31}$	$\frac{25}{217}$	$\frac{6}{31}$	$\frac{96}{217}$	$\Phi_{217}^{5}\ \Phi_{31}^{9}\ \Phi_{7}^{5}\ \Phi_{1}^{10}$
72810	1210	216	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{95}{216}$	$\Phi_{216}^{10}\ \Phi_{72}^{10}\ \Phi_{54}^{3}\ \Phi_{27}^{2}\ \Phi_{24}^{10}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{10}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72811	1210	744	$\frac{1}{31}$	$\frac{15}{124}$	$\frac{139}{744}$	$\frac{109}{248}$	$\Phi_{744}^{2}\ \Phi_{372}^{2}\ \Phi_{186}^{2}\ \Phi_{124}^{2}\ \Phi_{93}^{2}\ \Phi_{62}^{2}\ \Phi_{31}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72812	1210	2254	$\frac{1}{23}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{2254}\ \Phi_{322}\ \Phi_{161}\ \Phi_{46}$
72813	1210	1472	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}$
72814	1210	2208	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}$
72815	1210	612	$\frac{7}{612}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{204}^{2}\ \Phi_{153}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{51}^{2}\ \Phi_{36}^{2}\ \Phi_{34}^{2}\ \Phi_{18}^{2}\ \Phi_{17}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72816	1210	93	$\frac{5}{93}$	$\frac{8}{93}$	$\frac{17}{93}$	$\frac{38}{93}$	$\Phi_{93}^{13}\ \Phi_{31}^{13}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
72817	1210	444	$\frac{2}{37}$	$\frac{1}{12}$	$\frac{7}{37}$	$\frac{15}{37}$	$\Phi_{444}^{3}\ \Phi_{222}^{3}\ \Phi_{148}^{3}\ \Phi_{111}^{3}\ \Phi_{74}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
72818	1210	606	$\frac{1}{101}$	$\frac{20}{101}$	$\frac{1}{3}$	$\frac{81}{202}$	$\Phi_{606}^{5}\ \Phi_{303}\ \Phi_{6}^{5}$
72819	1210	992	$\frac{1}{31}$	$\frac{15}{124}$	$\frac{109}{496}$	$\frac{387}{992}$	$\Phi_{992}^{2}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{32}^{2}\ \Phi_{31}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72820	1210	666	$\frac{1}{111}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{666}^{3}\ \Phi_{222}^{3}\ \Phi_{111}^{2}\ \Phi_{74}^{3}\ \Phi_{37}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72821	1210	1464	$\frac{1}{122}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1464}^{2}\ \Phi_{366}\ \Phi_{183}\ \Phi_{24}\ \Phi_{6}$
72822	1210	1776	$\frac{1}{111}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1776}\ \Phi_{592}\ \Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{74}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
72823	1210	1928	$\frac{10}{241}$	$\frac{21}{241}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1928}\ \Phi_{241}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
72824	1210	552	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{552}^{4}\ \Phi_{276}\ \Phi_{184}^{3}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
72825	1210	936	$\frac{1}{39}$	$\frac{19}{156}$	$\frac{137}{468}$	$\frac{331}{936}$	$\Phi_{936}^{2}\ \Phi_{312}^{2}\ \Phi_{156}^{2}\ \Phi_{104}^{2}\ \Phi_{78}^{2}\ \Phi_{72}^{2}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{26}^{2}\ \Phi_{24}^{2}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72826	1210	186	$\frac{1}{31}$	$\frac{3}{31}$	$\frac{28}{93}$	$\frac{65}{186}$	$\Phi_{186}^{10}\ \Phi_{62}^{10}\ \Phi_{31}^{9}\ \Phi_{6}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
72827	1210	1932	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{322}\ \Phi_{276}\ \Phi_{161}\ \Phi_{92}\ \Phi_{46}$
72828	1210	909	$\frac{2}{303}$	$\frac{301}{909}$	$\frac{1}{3}$	$\frac{304}{909}$	$\Phi_{909}\ \Phi_{303}^{2}\ \Phi_{101}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
72829	1210	804	$\frac{2}{201}$	$\frac{199}{804}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{804}^{2}\ \Phi_{402}^{2}\ \Phi_{268}^{2}\ \Phi_{134}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72830	1210	612	$\frac{7}{612}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{204}^{2}\ \Phi_{153}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{51}^{2}\ \Phi_{36}^{2}\ \Phi_{34}^{2}\ \Phi_{18}^{2}\ \Phi_{17}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72831	1210	246	$\frac{2}{123}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{246}^{6}\ \Phi_{123}^{4}\ \Phi_{82}^{6}\ \Phi_{41}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72832	1210	228	$\frac{2}{57}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{228}^{6}\ \Phi_{114}^{6}\ \Phi_{76}^{6}\ \Phi_{57}^{4}\ \Phi_{38}^{6}\ \Phi_{19}^{4}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72833	1210	180	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{59}{180}$	$\frac{1}{3}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{45}^{10}\ \Phi_{36}^{10}\ \Phi_{18}^{10}\ \Phi_{9}^{10}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72834	1210	324	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{324}^{6}\ \Phi_{162}^{6}\ \Phi_{81}^{4}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72835	1210	840	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}^{2}\ \Phi_{210}\ \Phi_{168}^{2}\ \Phi_{140}^{2}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{20}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
72836	1210	372	$\frac{3}{124}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{372}^{3}\ \Phi_{186}^{3}\ \Phi_{124}^{4}\ \Phi_{93}^{3}\ \Phi_{62}^{4}\ \Phi_{31}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72837	1210	480	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{39}{160}$	$\frac{1}{3}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{4}\ \Phi_{96}^{3}\ \Phi_{80}^{4}\ \Phi_{48}^{3}\ \Phi_{32}^{4}\ \Phi_{16}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72838	1210	72	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{72}^{22}\ \Phi_{36}^{10}\ \Phi_{24}^{22}\ \Phi_{18}^{12}\ \Phi_{12}^{12}\ \Phi_{9}^{12}\ \Phi_{8}^{22}\ \Phi_{6}^{14}\ \Phi_{4}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
72839	1210	468	$\frac{7}{117}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{156}^{3}\ \Phi_{117}^{2}\ \Phi_{78}^{3}\ \Phi_{52}^{3}\ \Phi_{39}^{2}\ \Phi_{26}^{3}\ \Phi_{13}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72840	1210	798	$\frac{2}{57}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{798}^{2}\ \Phi_{399}\ \Phi_{266}^{2}\ \Phi_{133}\ \Phi_{114}^{2}\ \Phi_{57}^{2}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72841	1210	624	$\frac{19}{624}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{624}^{2}\ \Phi_{312}^{2}\ \Phi_{208}^{2}\ \Phi_{156}^{2}\ \Phi_{104}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{48}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{2}\ \Phi_{16}^{2}\ \Phi_{13}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72842	1210	750	$\frac{4}{125}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{750}^{2}\ \Phi_{375}\ \Phi_{250}^{2}\ \Phi_{150}^{2}\ \Phi_{125}^{2}\ \Phi_{75}\ \Phi_{50}^{2}\ \Phi_{25}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72843	1210	150	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{29}{150}$	$\frac{1}{3}$	$\Phi_{150}^{10}\ \Phi_{75}^{10}\ \Phi_{50}^{10}\ \Phi_{25}^{10}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72844	1210	108	$\frac{2}{27}$	$\frac{1}{12}$	$\frac{5}{27}$	$\frac{1}{3}$	$\Phi_{108}^{12}\ \Phi_{54}^{12}\ \Phi_{36}^{12}\ \Phi_{27}^{8}\ \Phi_{18}^{12}\ \Phi_{12}^{14}\ \Phi_{9}^{8}\ \Phi_{6}^{14}\ \Phi_{4}^{14}\ \Phi_{3}^{9}\ \Phi_{2}^{14}\ \Phi_{1}^{10}$
72845	1210	606	$\frac{15}{202}$	$\frac{17}{202}$	$\frac{37}{202}$	$\frac{1}{3}$	$\Phi_{606}^{3}\ \Phi_{303}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
72846	1210	126	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{126}^{10}\ \Phi_{63}^{10}\ \Phi_{42}^{10}\ \Phi_{21}^{10}\ \Phi_{18}^{10}\ \Phi_{14}^{10}\ \Phi_{9}^{10}\ \Phi_{7}^{10}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72847	1210	144	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{144}^{10}\ \Phi_{72}^{10}\ \Phi_{48}^{10}\ \Phi_{36}^{10}\ \Phi_{18}^{10}\ \Phi_{16}^{10}\ \Phi_{9}^{10}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72848	1210	420	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{4}\ \Phi_{105}^{3}\ \Phi_{84}^{4}\ \Phi_{70}^{4}\ \Phi_{42}^{3}\ \Phi_{35}^{4}\ \Phi_{28}^{4}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72849	1210	510	$\frac{13}{255}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{510}^{3}\ \Phi_{255}^{2}\ \Phi_{170}^{3}\ \Phi_{102}^{3}\ \Phi_{85}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{3}\ \Phi_{17}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72850	1210	384	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{384}^{3}\ \Phi_{192}^{3}\ \Phi_{128}^{4}\ \Phi_{96}^{3}\ \Phi_{64}^{4}\ \Phi_{48}^{3}\ \Phi_{32}^{4}\ \Phi_{16}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72851	1210	270	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{270}^{6}\ \Phi_{135}^{4}\ \Phi_{90}^{6}\ \Phi_{54}^{6}\ \Phi_{45}^{4}\ \Phi_{27}^{4}\ \Phi_{18}^{6}\ \Phi_{9}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72852	1210	390	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{390}^{3}\ \Phi_{195}^{3}\ \Phi_{130}^{4}\ \Phi_{78}^{3}\ \Phi_{65}^{4}\ \Phi_{39}^{3}\ \Phi_{26}^{4}\ \Phi_{13}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72853	1210	12	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{12}^{100}\ \Phi_{6}^{102}\ \Phi_{4}^{100}\ \Phi_{3}^{101}\ \Phi_{2}^{102}\ \Phi_{1}^{102}$
72854	1210	252	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{3}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{84}^{6}\ \Phi_{63}^{4}\ \Phi_{42}^{6}\ \Phi_{28}^{6}\ \Phi_{21}^{4}\ \Phi_{14}^{6}\ \Phi_{12}^{2}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72855	1210	1134	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{26}{81}$	$\Phi_{1134}^{2}\ \Phi_{567}\ \Phi_{162}^{2}\ \Phi_{81}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72856	1210	702	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{109}{351}$	$\Phi_{702}^{3}\ \Phi_{351}^{2}\ \Phi_{54}^{3}\ \Phi_{27}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72857	1210	130	$\frac{9}{130}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{130}^{10}\ \Phi_{65}^{10}\ \Phi_{26}^{10}\ \Phi_{13}^{3}\ \Phi_{10}^{10}\ \Phi_{5}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
72858	1210	78	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{2}{13}$	$\frac{23}{78}$	$\Phi_{78}^{22}\ \Phi_{39}^{22}\ \Phi_{13}^{5}\ \Phi_{6}^{22}\ \Phi_{3}^{22}\ \Phi_{1}^{6}$
72859	1210	1656	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{414}\ \Phi_{207}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}$
72860	1210	322	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{322}^{5}\ \Phi_{161}^{3}\ \Phi_{46}^{5}\ \Phi_{23}^{2}$
72861	1210	1635	$\frac{4}{109}$	$\frac{21}{109}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1635}\ \Phi_{327}\ \Phi_{109}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
72862	1210	690	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{690}^{2}\ \Phi_{345}\ \Phi_{230}^{2}\ \Phi_{138}^{3}\ \Phi_{115}^{2}\ \Phi_{69}^{2}\ \Phi_{46}^{3}\ \Phi_{23}^{2}$
72863	1210	1635	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1635}\ \Phi_{327}\ \Phi_{109}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
72864	1210	660	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{2}\ \Phi_{165}\ \Phi_{132}^{3}\ \Phi_{110}^{2}\ \Phi_{66}^{3}\ \Phi_{55}^{2}\ \Phi_{44}^{3}\ \Phi_{33}^{2}\ \Phi_{22}^{3}\ \Phi_{11}^{2}$
72865	1210	162	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{41}{162}$	$\Phi_{162}^{10}\ \Phi_{81}^{10}\ \Phi_{54}^{3}\ \Phi_{27}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72866	1210	744	$\frac{1}{31}$	$\frac{139}{744}$	$\frac{15}{62}$	$\frac{47}{186}$	$\Phi_{744}^{2}\ \Phi_{372}^{2}\ \Phi_{248}^{2}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{31}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72867	1210	504	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{17}{72}$	$\Phi_{504}^{3}\ \Phi_{252}^{3}\ \Phi_{168}^{3}\ \Phi_{84}^{3}\ \Phi_{72}^{4}\ \Phi_{56}^{3}\ \Phi_{36}^{4}\ \Phi_{28}^{3}\ \Phi_{24}^{4}\ \Phi_{14}^{2}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{7}\ \Phi_{4}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
72868	1210	156	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{35}{156}$	$\frac{3}{13}$	$\Phi_{156}^{10}\ \Phi_{78}^{10}\ \Phi_{52}^{10}\ \Phi_{26}^{10}\ \Phi_{13}^{3}\ \Phi_{12}^{10}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{4}$
72869	1210	13	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{2}{13}$	$\frac{3}{13}$	$\Phi_{13}^{93}\ \Phi_{1}^{94}$
72870	1210	378	$\frac{2}{27}$	$\frac{1}{7}$	$\frac{5}{27}$	$\frac{3}{14}$	$\Phi_{378}^{4}\ \Phi_{189}^{2}\ \Phi_{126}^{4}\ \Phi_{63}^{2}\ \Phi_{54}^{4}\ \Phi_{42}^{4}\ \Phi_{27}^{4}\ \Phi_{21}^{2}\ \Phi_{18}^{4}\ \Phi_{14}^{6}\ \Phi_{9}^{4}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
72871	1210	84	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{84}^{15}\ \Phi_{42}^{12}\ \Phi_{28}^{15}\ \Phi_{21}^{12}\ \Phi_{14}^{14}\ \Phi_{12}^{20}\ \Phi_{7}^{13}\ \Phi_{6}^{16}\ \Phi_{4}^{20}\ \Phi_{3}^{16}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
72872	1210	126	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{126}^{12}\ \Phi_{63}^{7}\ \Phi_{42}^{12}\ \Phi_{21}^{7}\ \Phi_{18}^{12}\ \Phi_{14}^{14}\ \Phi_{9}^{6}\ \Phi_{7}^{8}\ \Phi_{6}^{12}\ \Phi_{3}^{6}\ \Phi_{2}^{14}\ \Phi_{1}^{8}$
72873	1211	1936	$\frac{1}{242}$	$\frac{243}{968}$	$\frac{725}{1936}$	$\frac{241}{484}$	$\Phi_{1936}\ \Phi_{484}\ \Phi_{176}\ \Phi_{44}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
72874	1211	1032	$\frac{1}{172}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{171}{344}$	$\Phi_{1032}^{2}\ \Phi_{344}^{3}\ \Phi_{24}^{2}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
72875	1211	3096	$\frac{1}{172}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{171}{344}$	$\Phi_{3096}\ \Phi_{344}\ \Phi_{72}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
72876	1211	2200	$\frac{1}{110}$	$\frac{111}{1100}$	$\frac{989}{2200}$	$\frac{109}{220}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{220}\ \Phi_{200}\ \Phi_{88}\ \Phi_{44}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
72877	1211	2400	$\frac{11}{1200}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1189}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
72878	1211	2400	$\frac{11}{1200}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1189}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
72879	1211	1620	$\frac{4}{405}$	$\frac{1}{5}$	$\frac{409}{1620}$	$\frac{401}{810}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
72880	1211	1368	$\frac{2}{171}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{169}{342}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{228}\ \Phi_{171}\ \Phi_{152}\ \Phi_{76}\ \Phi_{72}\ \Phi_{57}\ \Phi_{36}\ \Phi_{24}^{2}\ \Phi_{19}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
72881	1211	232	$\frac{1}{58}$	$\frac{1}{8}$	$\frac{59}{232}$	$\frac{57}{116}$	$\Phi_{232}^{5}\ \Phi_{116}^{6}\ \Phi_{58}^{5}\ \Phi_{29}^{5}\ \Phi_{8}^{4}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
72882	1211	2376	$\frac{23}{1188}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{1165}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{24}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
72883	1211	2376	$\frac{23}{1188}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1165}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{88}\ \Phi_{72}\ \Phi_{33}\ \Phi_{24}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
72884	1211	1628	$\frac{10}{407}$	$\frac{1}{11}$	$\frac{417}{1628}$	$\frac{397}{814}$	$\Phi_{1628}\ \Phi_{407}\ \Phi_{148}\ \Phi_{44}\ \Phi_{37}\ \Phi_{4}\ \Phi_{1}$
72885	1211	1350	$\frac{4}{135}$	$\frac{139}{1350}$	$\frac{1}{5}$	$\frac{131}{270}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{135}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
72886	1211	336	$\frac{5}{168}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{163}{336}$	$\Phi_{336}^{7}\ \Phi_{112}^{7}\ \Phi_{48}^{7}\ \Phi_{24}^{2}\ \Phi_{16}^{7}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
72887	1211	2340	$\frac{41}{1170}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1129}{2340}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{180}\ \Phi_{156}\ \Phi_{60}\ \Phi_{52}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
72888	1211	1584	$\frac{1}{22}$	$\frac{23}{396}$	$\frac{373}{1584}$	$\frac{21}{44}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{88}\ \Phi_{72}\ \Phi_{48}\ \Phi_{44}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
72889	1211	1320	$\frac{1}{22}$	$\frac{109}{1320}$	$\frac{23}{132}$	$\frac{21}{44}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
72890	1211	2288	$\frac{1}{22}$	$\frac{67}{1144}$	$\frac{21}{88}$	$\frac{1077}{2288}$	$\Phi_{2288}\ \Phi_{208}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
72891	1211	180	$\frac{7}{180}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{180}^{7}\ \Phi_{90}^{6}\ \Phi_{60}^{7}\ \Phi_{45}^{7}\ \Phi_{36}^{7}\ \Phi_{30}^{6}\ \Phi_{20}^{7}\ \Phi_{18}^{6}\ \Phi_{15}^{7}\ \Phi_{12}^{7}\ \Phi_{10}^{6}\ \Phi_{9}^{7}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{7}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
72892	1211	1800	$\frac{11}{600}$	$\frac{1}{10}$	$\frac{589}{1800}$	$\frac{9}{20}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
72893	1211	1240	$\frac{29}{1240}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{248}\ \Phi_{155}\ \Phi_{124}\ \Phi_{62}\ \Phi_{31}\ \Phi_{20}\ \Phi_4\ \Phi_1$
72894	1211	1600	$\frac{11}{400}$	$\frac{1}{10}$	$\frac{389}{1600}$	$\frac{9}{20}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{320}\ \Phi_{160}\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}\ \Phi_4\ \Phi_1$
72895	1211	1500	$\frac{11}{300}$	$\frac{1}{10}$	$\frac{289}{1500}$	$\frac{9}{20}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{20}\ \Phi_4\ \Phi_1$
72896	1211	180	$\frac{7}{180}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{180}^7\ \Phi_{90}^7\ \Phi_{60}^6\ \Phi_{45}^7\ \Phi_{36}^7\ \Phi_{30}^6\ \Phi_{20}^7\ \Phi_{18}^7\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_9^7\ \Phi_6^6\ \Phi_5^6\ \Phi_4^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
72897	1211	1440	$\frac{11}{240}$	$\frac{1}{10}$	$\frac{229}{1440}$	$\frac{9}{20}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
72898	1211	1280	$\frac{69}{1280}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}\ \Phi_4\ \Phi_1$
72899	1211	200	$\frac{11}{200}$	$\frac{1}{10}$	$\frac{27}{200}$	$\frac{9}{20}$	$\Phi_{200}^6\ \Phi_{100}^6\ \Phi_{50}^6\ \Phi_{40}^6\ \Phi_{25}^6\ \Phi_{20}^7\ \Phi_{10}^6\ \Phi_8^6\ \Phi_5^6\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
72900	1211	1300	$\frac{89}{1300}$	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{9}{20}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{325}\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_4\ \Phi_1$
72901	1211	1320	$\frac{109}{1320}$	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_4\ \Phi_1$
72902	1211	1408	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{197}{1408}$	$\frac{155}{352}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{176}\ \Phi_{128}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
72903	1211	2160	$\frac{4}{135}$	$\frac{131}{1080}$	$\frac{1}{5}$	$\frac{949}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{135}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{27}\ \Phi_{16}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
72904	1211	308	$\frac{1}{22}$	$\frac{19}{154}$	$\frac{3}{22}$	$\frac{135}{308}$	$\Phi_{308}^7\ \Phi_{44}^7\ \Phi_{28}^7\ \Phi_{22}^6\ \Phi_{11}^6\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
72905	1211	2112	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{155}{1056}$	$\frac{901}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{176}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
72906	1211	516	$\frac{1}{86}$	$\frac{1}{6}$	$\frac{85}{258}$	$\frac{5}{12}$	$\Phi_{516}^4\ \Phi_{258}\ \Phi_{172}^4\ \Phi_{129}\ \Phi_{12}^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
72907	1211	528	$\frac{3}{176}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^3\ \Phi_{132}^2\ \Phi_{88}^3\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{44}^3\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^3\ \Phi_{16}^3\ \Phi_{12}\ \Phi_{11}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
72908	1211	2580	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{42}{215}$	$\frac{5}{12}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{215}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
72909	1211	360	$\frac{7}{180}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{360}^4\ \Phi_{180}^3\ \Phi_{120}^4\ \Phi_{90}^3\ \Phi_{72}^4\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^4\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_9^3\ \Phi_8\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
72910	1211	1160	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{28}{145}$	$\frac{117}{290}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{232}^2\ \Phi_{145}\ \Phi_{116}^2\ \Phi_{58}\ \Phi_{40}\ \Phi_{29}\ \Phi_{20}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
72911	1211	1980	$\frac{1}{110}$	$\frac{221}{990}$	$\frac{109}{330}$	$\frac{769}{1980}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
72912	1211	1760	$\frac{1}{110}$	$\frac{109}{440}$	$\frac{549}{1760}$	$\frac{331}{880}$	$\Phi_{1760}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{160}\ \Phi_{88}\ \Phi_{44}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
72913	1211	1230	$\frac{19}{1230}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{410}\ \Phi_{246}\ \Phi_{205}\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_{15}\ \Phi_3\ \Phi_1$
72914	1211	1254	$\frac{43}{1254}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}\ \Phi_{209}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}\ \Phi_{33}\ \Phi_{19}\ \Phi_3\ \Phi_1$
72915	1211	264	$\frac{1}{22}$	$\frac{3}{44}$	$\frac{41}{132}$	$\frac{91}{264}$	$\Phi_{264}^7\ \Phi_{88}^7\ \Phi_{44}^7\ \Phi_{24}^7\ \Phi_{22}^6\ \Phi_{11}^6\ \Phi_8^7\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
72916	1211	774	$\frac{1}{86}$	$\frac{2}{9}$	$\frac{85}{258}$	$\frac{1}{3}$	$\Phi_{774}^2\ \Phi_{387}^2\ \Phi_{258}\ \Phi_{129}\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
72917	1211	1584	$\frac{3}{176}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_9\ \Phi_8\ \Phi_1$
72918	1211	456	$\frac{2}{57}$	$\frac{1}{8}$	$\frac{55}{228}$	$\frac{1}{3}$	$\Phi_{456}^3\ \Phi_{228}^2\ \Phi_{152}^3\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{24}^4\ \Phi_{19}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
72919	1211	1935	$\frac{1}{43}$	$\frac{42}{215}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1935}\ \Phi_{215}\ \Phi_{45}\ \Phi_9\ \Phi_5\ \Phi_1$
72920	1211	360	$\frac{7}{180}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^3\ \Phi_{120}^4\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^4\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
72921	1211	1800	$\frac{11}{600}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{589}{1800}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
72922	1211	1782	$\frac{23}{594}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{571}{1782}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{162}\ \Phi_{81}\ \Phi_{33}\ \Phi_3\ \Phi_1$
72923	1211	504	$\frac{5}{84}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{79}{252}$	$\Phi_{504}^4\ \Phi_{252}^3\ \Phi_{126}^3\ \Phi_{72}^4\ \Phi_{63}^3\ \Phi_{36}^3\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
72924	1211	1755	$\frac{41}{585}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{544}{1755}$	$\Phi_{1755}\ \Phi_{351}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
72925	1211	1584	$\frac{23}{396}$	$\frac{1}{11}$	$\frac{373}{1584}$	$\frac{10}{33}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{88}\ \Phi_{72}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
72926	1211	1287	$\frac{76}{1287}$	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}$
72927	1211	1485	$\frac{23}{297}$	$\frac{1}{11}$	$\frac{274}{1485}$	$\frac{10}{33}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{165}\ \Phi_{135}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
72928	1211	1320	$\frac{109}{1320}$	$\frac{1}{11}$	$\frac{23}{132}$	$\frac{10}{33}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{60}\ \Phi_{55}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
72929	1211	198	$\frac{1}{11}$	$\frac{23}{198}$	$\frac{25}{198}$	$\frac{10}{33}$	$\Phi_{198}^{6}\ \Phi_{99}^{6}\ \Phi_{66}^{6}\ \Phi_{33}^{7}\ \Phi_{22}^{6}\ \Phi_{18}^{6}\ \Phi_{11}^{6}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
72930	1211	1584	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{373}{1584}$	$\frac{155}{528}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
72931	1211	1500	$\frac{11}{300}$	$\frac{289}{1500}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
72932	1211	180	$\frac{7}{180}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{180}^{7}\ \Phi_{90}^{7}\ \Phi_{60}^{6}\ \Phi_{45}^{7}\ \Phi_{36}^{7}\ \Phi_{30}^{6}\ \Phi_{20}^{6}\ \Phi_{18}^{7}\ \Phi_{15}^{7}\ \Phi_{12}^{6}\ \Phi_{10}^{6}\ \Phi_{9}^{7}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
72933	1211	1440	$\frac{11}{240}$	$\frac{229}{1440}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
72934	1211	1275	$\frac{64}{1275}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{255}\ \Phi_{85}\ \Phi_{51}\ \Phi_{17}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
72935	1211	1350	$\frac{11}{150}$	$\frac{139}{1350}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{270}\ \Phi_{225}\ \Phi_{135}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
72936	1211	1320	$\frac{109}{1320}$	$\frac{11}{120}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}$
72937	1211	1620	$\frac{4}{135}$	$\frac{1}{5}$	$\frac{131}{540}$	$\frac{409}{1620}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{162}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
72938	1211	192	$\frac{19}{192}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{192}^{7}\ \Phi_{96}^{7}\ \Phi_{64}^{7}\ \Phi_{48}^{7}\ \Phi_{32}^{7}\ \Phi_{24}^{2}\ \Phi_{16}^{7}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
72939	1211	840	$\frac{5}{42}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{37}{210}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}\ \Phi_{140}^{2}\ \Phi_{120}^{2}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}^{2}\ \Phi_{40}^{2}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
72940	1212	1812	$\frac{1}{302}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{301}{604}$	$\Phi_{1812}\ \Phi_{604}^{2}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
72941	1212	1005	$\frac{1}{201}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{100}{201}$	$\Phi_{1005}\ \Phi_{335}\ \Phi_{201}^{2}\ \Phi_{67}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
72942	1212	804	$\frac{1}{201}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{100}{201}$	$\Phi_{804}^{2}\ \Phi_{402}^{2}\ \Phi_{268}^{2}\ \Phi_{134}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
72943	1212	173	$\frac{1}{173}$	$\frac{29}{173}$	$\frac{72}{173}$	$\frac{86}{173}$	$\Phi_{173}^{7}\ \Phi_{1}^{8}$
72944	1212	602	$\frac{2}{301}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{299}{602}$	$\Phi_{602}^{4}\ \Phi_{86}^{4}\ \Phi_{14}^{4}\ \Phi_{7}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
72945	1212	540	$\frac{1}{135}$	$\frac{1}{4}$	$\frac{34}{135}$	$\frac{67}{135}$	$\Phi_{540}^{3}\ \Phi_{270}^{3}\ \Phi_{180}^{3}\ \Phi_{108}^{3}\ \Phi_{90}^{3}\ \Phi_{60}^{3}\ \Phi_{54}^{3}\ \Phi_{36}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
72946	1212	1211	$\frac{9}{1211}$	$\frac{302}{1211}$	$\frac{305}{1211}$	$\frac{601}{1211}$	$\Phi_{1211}\ \Phi_{173}\ \Phi_{7}\ \Phi_{1}^{2}$
72947	1212	1821	$\frac{5}{607}$	$\frac{102}{607}$	$\frac{1}{3}$	$\frac{301}{607}$	Φ_{1821}
72948	1212	2200	$\frac{1}{100}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{99}{200}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{200}^{2}\ \Phi_{88}\ \Phi_{40}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
72949	1212	4200	$\frac{1}{100}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{99}{200}$	$\Phi_{4200}\ \Phi_{840}\ \Phi_{168}\ \Phi_{21}$
72950	1212	2200	$\frac{1}{100}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{99}{200}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{200}^{2}\ \Phi_{88}\ \Phi_{40}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
72951	1212	200	$\frac{1}{100}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{99}{200}$	$\Phi_{200}^{12}\ \Phi_{40}^{12}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}^{12}$
72952	1212	972	$\frac{1}{81}$	$\frac{41}{243}$	$\frac{1}{4}$	$\frac{40}{81}$	$\Phi_{972}^{2}\ \Phi_{486}^{2}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
72953	1212	399	$\frac{5}{399}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{197}{399}$	$\Phi_{399}^{3}\ \Phi_{133}^{3}\ \Phi_{57}^{3}\ \Phi_{21}^{3}\ \Phi_{19}^{3}\ \Phi_{7}^{5}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
72954	1212	406	$\frac{3}{203}$	$\frac{1}{7}$	$\frac{103}{406}$	$\frac{100}{203}$	$\Phi_{406}^{4}\ \Phi_{203}^{2}\ \Phi_{58}^{4}\ \Phi_{29}^{2}\ \Phi_{14}^{4}\ \Phi_{7}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
72955	1212	346	$\frac{3}{173}$	$\frac{43}{346}$	$\frac{44}{173}$	$\frac{85}{173}$	$\Phi_{346}^{4}\ \Phi_{173}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
72956	1212	2574	$\frac{2}{99}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{97}{198}$	$\Phi_{2574}\ \Phi_{858}\ \Phi_{286}\ \Phi_{234}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
72957	1212	396	$\frac{2}{99}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{97}{198}$	$\Phi_{396}^{4}\ \Phi_{132}^{4}\ \Phi_{99}^{4}\ \Phi_{44}^{4}\ \Phi_{36}^{5}\ \Phi_{33}^{4}\ \Phi_{18}\ \Phi_{12}^{5}\ \Phi_{11}^{4}\ \Phi_{9}^{4}\ \Phi_{6}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
72958	1212	900	$\frac{1}{45}$	$\frac{23}{225}$	$\frac{1}{4}$	$\frac{22}{45}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}^{2}\ \Phi_{180}\ \Phi_{150}^{2}\ \Phi_{100}^{2}\ \Phi_{90}\ \Phi_{60}\ \Phi_{50}^{2}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
72959	1212	2960	$\frac{7}{296}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{289}{592}$	$\Phi_{2960}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
72960	1212	1768	$\frac{1}{34}$	$\frac{1}{13}$	$\frac{35}{136}$	$\frac{33}{68}$	$\Phi_{1768}\ \Phi_{442}\ \Phi_{221}\ \Phi_{104}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
72961	1212	196	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{95}{196}$	$\Phi_{196}^{12}\ \Phi_{28}^{12}\ \Phi_{7}^{5}\ \Phi_{4}^{12}\ \Phi_{1}^{6}$
72962	1212	812	$\frac{1}{29}$	$\frac{15}{116}$	$\frac{1}{7}$	$\frac{14}{29}$	$\Phi_{812}^{2}\ \Phi_{406}^{2}\ \Phi_{203}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
72963	1212	780	$\frac{7}{195}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{94}{195}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{156}^{2}\ \Phi_{130}^{2}\ \Phi_{78}^{2}\ \Phi_{60}^{3}\ \Phi_{52}^{2}\ \Phi_{30}^{3}\ \Phi_{26}^{2}\ \Phi_{20}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
72964	1212	108	$\frac{1}{27}$	$\frac{7}{108}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{108}^{11}\ \Phi_{54}^{11}\ \Phi_{36}^{11}\ \Phi_{27}^{12}\ \Phi_{18}^{11}\ \Phi_{12}^{11}\ \Phi_{9}^{12}\ \Phi_{6}^{11}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
72965	1212	960	$\frac{5}{96}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{91}{192}$	$\Phi_{960}^{3}\ \Phi_{320}^{3}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
72966	1212	2496	$\frac{5}{96}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{91}{192}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
72967	1212	320	$\frac{17}{320}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{320}^{4}\ \Phi_{160}^{3}\ \Phi_{80}^{4}\ \Phi_{64}^{4}\ \Phi_{40}^{4}\ \Phi_{32}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
72968	1212	190	$\frac{1}{19}$	$\frac{6}{95}$	$\frac{1}{5}$	$\frac{89}{190}$	$\Phi_{190}^{12}\ \Phi_{95}\ \Phi_{38}^{12}\ \Phi_{10}^{12}\ \Phi_{2}^{12}$
72969	1212	420	$\frac{4}{105}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{84}^{4}\ \Phi_{70}^{4}\ \Phi_{60}^{3}\ \Phi_{42}^{4}\ \Phi_{30}^{3}\ \Phi_{28}^{4}\ \Phi_{20}^{3}\ \Phi_{14}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
72970	1212	756	$\frac{1}{27}$	$\frac{13}{189}$	$\frac{1}{4}$	$\frac{88}{189}$	$\Phi_{756}^{2}\ \Phi_{378}^{2}\ \Phi_{252}^{2}\ \Phi_{126}^{2}\ \Phi_{108}^{3}\ \Phi_{84}^{2}\ \Phi_{54}^{3}\ \Phi_{42}^{2}\ \Phi_{36}^{3}\ \Phi_{28}^{2}\ \Phi_{18}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
72971	1212	1650	$\frac{1}{50}$	$\frac{1}{11}$	$\frac{49}{150}$	$\frac{5}{11}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{330}\ \Phi_{165}\ \Phi_{150}^{2}\ \Phi_{75}^{2}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
72972	1212	1144	$\frac{3}{104}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{1144}\ \Phi_{572}\ \Phi_{286}\ \Phi_{143}\ \Phi_{104}^{2}\ \Phi_{88}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
72973	1212	1155	$\frac{4}{105}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}^{2}\ \Phi_{77}\ \Phi_{35}^{2}\ \Phi_{33}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
72974	1212	1375	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{24}{125}$	$\frac{5}{11}$	$\Phi_{1375}\ \Phi_{125}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
72975	1212	1320	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{19}{120}$	$\frac{5}{11}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}^{2}\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}^{2}\ \Phi_{40}^{2}\ \Phi_{33}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
72976	1212	110	$\frac{9}{110}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{11}$	$\Phi_{110}^{11}\ \Phi_{55}^{11}\ \Phi_{22}^{11}\ \Phi_{11}^{12}\ \Phi_{10}^{10}\ \Phi_{5}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
72977	1212	828	$\frac{5}{207}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{828}^{2}\ \Phi_{414}^{2}\ \Phi_{276}^{2}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
72978	1212	180	$\frac{1}{45}$	$\frac{11}{90}$	$\frac{1}{4}$	$\frac{79}{180}$	$\Phi_{180}^{5}\ \Phi_{90}^{9}\ \Phi_{60}^{5}\ \Phi_{45}^{8}\ \Phi_{36}^{5}\ \Phi_{30}^{9}\ \Phi_{20}^{5}\ \Phi_{18}^{9}\ \Phi_{15}^{8}\ \Phi_{12}^{5}\ \Phi_{10}^{9}\ \Phi_{9}^{8}\ \Phi_{6}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{4}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
72979	1212	2660	$\frac{1}{38}$	$\frac{37}{266}$	$\frac{1}{5}$	$\frac{229}{532}$	$\Phi_{2660}\ \Phi_{380}\ \Phi_{190}\ \Phi_{140}\ \Phi_{95}\ \Phi_{20}\ \Phi_{10}$
72980	1212	301	$\frac{4}{301}$	$\frac{1}{7}$	$\frac{99}{301}$	$\frac{3}{7}$	$\Phi_{301}^{4}\ \Phi_{43}^{4}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
72981	1212	308	$\frac{5}{308}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{308}^{4}\ \Phi_{154}^{4}\ \Phi_{77}^{4}\ \Phi_{44}^{4}\ \Phi_{28}^{4}\ \Phi_{22}^{4}\ \Phi_{14}^{4}\ \Phi_{11}^{4}\ \Phi_{7}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
72982	1212	105	$\frac{4}{105}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{105}^{12}\ \Phi_{35}^{12}\ \Phi_{21}^{12}\ \Phi_{15}^{12}\ \Phi_{7}^{5}\ \Phi_{5}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{6}$
72983	1212	1218	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{14}{87}$	$\frac{73}{174}$	$\Phi_{1218}^{2}\ \Phi_{406}^{2}\ \Phi_{203}\ \Phi_{42}^{2}\ \Phi_{14}^{2}$
72984	1212	1404	$\frac{7}{108}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
72985	1212	173	$\frac{2}{173}$	$\frac{29}{173}$	$\frac{57}{173}$	$\frac{72}{173}$	$\Phi_{173}^{7}\ \Phi_{1}^{8}$
72986	1212	173	$\frac{5}{173}$	$\frac{28}{173}$	$\frac{29}{173}$	$\frac{72}{173}$	$\Phi_{173}^{7}\ \Phi_{1}^{8}$
72987	1212	2210	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{16}{85}$	$\frac{69}{170}$	$\Phi_{2210}\ \Phi_{442}\ \Phi_{221}\ \Phi_{130}\ \Phi_{26}$
72988	1212	1015	$\frac{6}{203}$	$\frac{1}{7}$	$\frac{197}{1015}$	$\frac{409}{1015}$	$\Phi_{1015}\ \Phi_{203}^{2}\ \Phi_{145}\ \Phi_{35}\ \Phi_{29}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
72989	1212	510	$\frac{1}{102}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{510}^{2}\ \Phi_{255}^{2}\ \Phi_{170}^{2}\ \Phi_{102}^{4}\ \Phi_{85}^{2}\ \Phi_{51}^{4}\ \Phi_{34}^{4}\ \Phi_{30}^{2}\ \Phi_{17}^{4}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
72990	1212	820	$\frac{3}{205}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{820}^{2}\ \Phi_{410}^{2}\ \Phi_{164}^{2}\ \Phi_{82}^{2}\ \Phi_{20}\ \Phi_{10}$
72991	1212	670	$\frac{1}{67}$	$\frac{1}{5}$	$\frac{33}{134}$	$\frac{2}{5}$	$\Phi_{670}^{2}\ \Phi_{335}\ \Phi_{134}^{4}\ \Phi_{67}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
72992	1212	1326	$\frac{1}{102}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{442}\ \Phi_{221}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
72993	1212	324	$\frac{1}{81}$	$\frac{20}{81}$	$\frac{1}{4}$	$\frac{61}{162}$	$\Phi_{324}^{5}\ \Phi_{162}\ \Phi_{108}^{5}\ \Phi_{81}^{4}\ \Phi_{54}\ \Phi_{36}^{5}\ \Phi_{27}^{4}\ \Phi_{18}\ \Phi_{12}^{5}\ \Phi_{9}^{4}\ \Phi_{6}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
72994	1212	760	$\frac{1}{76}$	$\frac{1}{5}$	$\frac{25}{76}$	$\frac{51}{152}$	$\Phi_{760}^{3}\ \Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{40}^{3}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
72995	1212	1211	$\frac{8}{1211}$	$\frac{401}{1211}$	$\frac{403}{1211}$	$\frac{405}{1211}$	$\Phi_{1211}\ \Phi_{173}\ \Phi_{7}\ \Phi_{1}^{2}$
72996	1212	1821	$\frac{4}{607}$	$\frac{201}{607}$	$\frac{1}{3}$	$\frac{203}{607}$	Φ_{1821}
72997	1212	453	$\frac{1}{151}$	$\frac{50}{151}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{453}^{2}\ \Phi_{151}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
72998	1212	204	$\frac{1}{102}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{204}^{8}\ \Phi_{102}^{4}\ \Phi_{68}^{8}\ \Phi_{51}^{4}\ \Phi_{34}^{4}\ \Phi_{17}^{4}\ \Phi_{12}^{7}\ \Phi_{6}^{3}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
72999	1212	2412	$\frac{2}{201}$	$\frac{1}{4}$	$\frac{199}{603}$	$\frac{1}{3}$	$\Phi_{2412}\ \Phi_{1206}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
73000	1212	1050	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{49}{150}$	$\frac{1}{3}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}^{2}\ \Phi_{210}\ \Phi_{175}^{2}\ \Phi_{105}\ \Phi_{70}^{2}\ \Phi_{42}\ \Phi_{35}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}$
73001	1212	804	$\frac{1}{67}$	$\frac{33}{134}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{804}^{3}\ \Phi_{402}\ \Phi_{201}^{2}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
73002	1212	2184	$\frac{3}{104}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{273}\ \Phi_{168}\ \Phi_{21}$
73003	1212	1716	$\frac{2}{33}$	$\frac{1}{13}$	$\frac{31}{132}$	$\frac{1}{3}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{286}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
73004	1212	1404	$\frac{7}{108}$	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{234}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
73005	1212	105	$\frac{4}{105}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^{11}\ \Phi_{35}^{12}\ \Phi_{21}^{12}\ \Phi_{15}^{12}\ \Phi_{7}^{12}\ \Phi_{5}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
73006	1212	2625	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{24}{125}$	$\frac{1}{3}$	$\Phi_{2625}\ \Phi_{21}$
73007	1212	840	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{19}{120}$	$\frac{1}{3}$	$\Phi_{840}^{2}\ \Phi_{420}\ \Phi_{280}^{2}\ \Phi_{210}\ \Phi_{168}^{2}\ \Phi_{140}^{2}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^{2}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}$
73008	1212	2310	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{231}\ \Phi_{21}$
73009	1212	1650	$\frac{1}{50}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{49}{150}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{330}\ \Phi_{165}\ \Phi_{150}^{2}\ \Phi_{75}^{2}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
73010	1212	300	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{49}{150}$	$\Phi_{300}^{8}\ \Phi_{150}^{4}\ \Phi_{75}^{4}\ \Phi_{60}^{8}\ \Phi_{30}^{4}\ \Phi_{20}\ \Phi_{15}^{4}\ \Phi_{12}^{8}\ \Phi_{10}\ \Phi_{6}^{4}\ \Phi_{3}^{4}$
73011	1212	1827	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{59}{261}$	$\frac{28}{87}$	$\Phi_{1827}\ \Phi_{203}\ \Phi_{63}$
73012	1212	1188	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{95}{297}$	$\Phi_{1188}^{2}\ \Phi_{594}^{2}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
73013	1212	570	$\frac{1}{19}$	$\frac{13}{114}$	$\frac{1}{5}$	$\frac{6}{19}$	$\Phi_{570}^{3}\ \Phi_{285}^{3}\ \Phi_{190}^{3}\ \Phi_{95}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{3}$
73014	1212	147	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{46}{147}$	$\Phi_{147}^{12}\ \Phi_{21}^{12}\ \Phi_{7}^{5}\ \Phi_{3}^{12}\ \Phi_{1}^{6}$
73015	1212	560	$\frac{1}{16}$	$\frac{11}{112}$	$\frac{1}{5}$	$\frac{5}{16}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{80}\ \Phi_{70}^{3}\ \Phi_{40}\ \Phi_{35}^{3}\ \Phi_{20}\ \Phi_{10}$
73016	1212	2340	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{1}{4}$	$\frac{181}{585}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{468}\ \Phi_{234}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
73017	1212	720	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{5}$	$\frac{43}{144}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{90}^{3}\ \Phi_{80}\ \Phi_{45}^{3}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
73018	1212	1872	$\frac{1}{13}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{144}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
73019	1212	2268	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{1}{4}$	$\frac{163}{567}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
73020	1212	133	$\frac{5}{133}$	$\frac{1}{7}$	$\frac{32}{133}$	$\frac{2}{7}$	$\Phi_{133}^{9}\ \Phi_{19}^{9}\ \Phi_{7}^{11}\ \Phi_{1}^{12}$
73021	1212	105	$\frac{4}{105}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{105}^{12}\ \Phi_{35}^{12}\ \Phi_{21}^{9}\ \Phi_{15}^{12}\ \Phi_{7}^{11}\ \Phi_{5}^{12}\ \Phi_{3}^{9}\ \Phi_{1}^{12}$
73022	1212	1144	$\frac{3}{104}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{1144}\ \Phi_{572}\ \Phi_{286}\ \Phi_{143}\ \Phi_{104}^{2}\ \Phi_{88}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
73023	1212	1155	$\frac{4}{105}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}^{2}\ \Phi_{77}\ \Phi_{35}^{2}\ \Phi_{33}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
73024	1212	1375	$\frac{1}{25}$	$\frac{2}{11}$	$\frac{24}{125}$	$\frac{3}{11}$	$\Phi_{1375}\ \Phi_{125}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
73025	1212	1320	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}^{2}\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}^{2}\ \Phi_{40}^{2}\ \Phi_{33}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
73026	1212	110	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{110}^{11}\ \Phi_{55}^{11}\ \Phi_{22}^{11}\ \Phi_{11}^{12}\ \Phi_{10}^{10}\ \Phi_{5}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
73027	1212	540	$\frac{1}{45}$	$\frac{11}{45}$	$\frac{1}{4}$	$\frac{34}{135}$	$\Phi_{540}^{4}\ \Phi_{270}^{4}\ \Phi_{180}\ \Phi_{108}^{4}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}^{4}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
73028	1212	520	$\frac{3}{104}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{520}^{3}\ \Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{65}^{3}\ \Phi_{40}^{3}\ \Phi_{20}\ \Phi_{10}$
73029	1212	400	$\frac{3}{100}$	$\frac{1}{5}$	$\frac{97}{400}$	$\frac{1}{4}$	$\Phi_{400}^{4}\ \Phi_{200}^{4}\ \Phi_{80}^{4}\ \Phi_{40}^{4}\ \Phi_{20}\ \Phi_{16}^{4}\ \Phi_{10}\ \Phi_{8}^{4}$
73030	1212	108	$\frac{7}{108}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{108}^{12}\ \Phi_{54}^{12}\ \Phi_{36}^{9}\ \Phi_{27}^{12}\ \Phi_{18}^{9}\ \Phi_{12}^{9}\ \Phi_{9}^{12}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{3}^{12}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
73031	1212	420	$\frac{4}{105}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{20}\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^4$
73032	1212	500	$\frac{1}{25}$	$\frac{24}{125}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{500}^4\ \Phi_{250}^4\ \Phi_{20}\ \Phi_{10}$
73033	1212	1700	$\frac{21}{425}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{340}\ \Phi_{170}\ \Phi_{68}\ \Phi_{34}\ \Phi_{20}\ \Phi_{10}$
73034	1212	120	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^{12}\ \Phi_{30}^{12}\ \Phi_{24}^{12}\ \Phi_{20}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_{10}\ \Phi_8^{12}\ \Phi_6^{12}\ \Phi_3^{12}$
73035	1212	320	$\frac{17}{320}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{320}^4\ \Phi_{160}^4\ \Phi_{80}^4\ \Phi_{64}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{10}\ \Phi_8^4$
73036	1212	900	$\frac{2}{25}$	$\frac{23}{225}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6^2$
73037	1212	220	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{220}^8\ \Phi_{110}^4\ \Phi_{55}^4\ \Phi_{44}^8\ \Phi_{22}^4\ \Phi_{20}\ \Phi_{11}^4\ \Phi_{10}$
73038	1212	1980	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{495}$	$\frac{1}{4}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{110}\ \Phi_{90}\ \Phi_{60}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
73039	1212	112	$\frac{11}{112}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{112}^{12}\ \Phi_{56}^{12}\ \Phi_{28}^{12}\ \Phi_{16}^{12}\ \Phi_8^{12}\ \Phi_7^5\ \Phi_4^{12}\ \Phi_1^6$
73040	1212	640	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{1}{5}$	$\frac{27}{128}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
73041	1212	1560	$\frac{1}{13}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}$
73042	1212	380	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{1}{5}$	$\frac{77}{380}$	$\Phi_{380}^4\ \Phi_{190}^4\ \Phi_{95}\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_4^4\ \Phi_2^4$
73043	1212	245	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{43}{245}$	$\Phi_{245}^6\ \Phi_{35}^6\ \Phi_7^5\ \Phi_5^6\ \Phi_1^6$
73044	1213	2416	$\frac{5}{1208}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1203}{2416}$	$\Phi_{2416}\ \Phi_{16}\ \Phi_8\ \Phi_1$
73045	1213	1620	$\frac{2}{405}$	$\frac{407}{1620}$	$\frac{1}{3}$	$\frac{403}{810}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
73046	1213	2412	$\frac{7}{1206}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1199}{2412}$	$\Phi_{2412}\ \Phi_{804}\ \Phi_{268}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
73047	1213	1458	$\frac{2}{243}$	$\frac{245}{1458}$	$\frac{1}{3}$	$\frac{241}{486}$	$\Phi_{1458}\ \Phi_{729}\ \Phi_{243}\ \Phi_{81}\ \Phi_{27}\ \Phi_9\ \Phi_1$
73048	1213	2400	$\frac{13}{1200}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1187}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
73049	1213	2400	$\frac{13}{1200}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1187}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{15}\ \Phi_5\ \Phi_1$
73050	1213	2400	$\frac{13}{1200}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1187}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
73051	1213	1350	$\frac{2}{135}$	$\frac{137}{1350}$	$\frac{1}{3}$	$\frac{133}{270}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{135}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
73052	1213	2376	$\frac{25}{1188}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1163}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{88}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
73053	1213	2376	$\frac{25}{1188}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1163}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{88}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
73054	1213	2368	$\frac{29}{1184}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1155}{2368}$	$\Phi_{2368}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
73055	1213	1296	$\frac{2}{81}$	$\frac{83}{1296}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
73056	1213	1632	$\frac{11}{408}$	$\frac{1}{12}$	$\frac{419}{1632}$	$\frac{397}{816}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{96}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{32}\ \Phi_{24}\ \Phi_{17}\ \Phi_8\ \Phi_1$
73057	1213	1392	$\frac{5}{174}$	$\frac{179}{1392}$	$\frac{1}{6}$	$\frac{169}{348}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{232}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}\ \Phi_{48}\ \Phi_{29}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
73058	1213	2352	$\frac{37}{1176}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1139}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{112}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
73059	1213	2340	$\frac{43}{1170}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{1127}{2340}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{180}\ \Phi_{156}\ \Phi_{60}\ \Phi_{52}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
73060	1213	1260	$\frac{47}{1260}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
73061	1213	1280	$\frac{3}{64}$	$\frac{67}{1280}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
73062	1213	2304	$\frac{3}{64}$	$\frac{61}{1152}$	$\frac{1}{4}$	$\frac{1091}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
73063	1213	2304	$\frac{61}{1152}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1091}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
73064	1213	2280	$\frac{3}{76}$	$\frac{73}{1140}$	$\frac{1}{4}$	$\frac{1067}{2280}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{152}\ \Phi_{120}\ \Phi_{76}\ \Phi_{40}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
73065	1213	2268	$\frac{2}{81}$	$\frac{79}{1134}$	$\frac{1}{3}$	$\frac{1055}{2268}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{324}\ \Phi_{252}\ \Phi_{108}\ \Phi_{84}\ \Phi_{81}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
73066	1213	1242	$\frac{29}{1242}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1242}\ \Phi_{621}\ \Phi_{414}\ \Phi_{207}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{27}\ \Phi_{23}\ \Phi_9\ \Phi_1$
73067	1213	1800	$\frac{13}{600}$	$\frac{1}{12}$	$\frac{587}{1800}$	$\frac{11}{24}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
73068	1213	1248	$\frac{35}{1248}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{32}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_8\ \Phi_1$
73069	1213	1440	$\frac{13}{240}$	$\frac{1}{12}$	$\frac{227}{1440}$	$\frac{11}{24}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
73070	1213	1320	$\frac{107}{1320}$	$\frac{1}{12}$	$\frac{13}{120}$	$\frac{11}{24}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
73071	1213	1260	$\frac{47}{1260}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_1$
73072	1213	2160	$\frac{2}{135}$	$\frac{133}{1080}$	$\frac{1}{3}$	$\frac{947}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{135}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{27}\ \Phi_{16}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
73073	1213	1230	$\frac{17}{1230}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{410}\ \Phi_{246}\ \Phi_{205}\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_{15}\ \Phi_5\ \Phi_1$
73074	1213	2128	$\frac{3}{152}$	$\frac{149}{1064}$	$\frac{1}{4}$	$\frac{915}{2128}$	$\Phi_{2128}\ \Phi_{304}\ \Phi_{152}\ \Phi_{112}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_8\ \Phi_1$
73075	1213	1296	$\frac{83}{1296}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{144}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
73076	1213	2088	$\frac{5}{174}$	$\frac{169}{1044}$	$\frac{1}{6}$	$\frac{875}{2088}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{232}\ \Phi_{174}\ \Phi_{87}\ \Phi_{72}\ \Phi_{58}\ \Phi_{29}\ \Phi_{24}\ \Phi_8\ \Phi_1$
73077	1213	2040	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{193}{1020}$	$\frac{827}{2040}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{40}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_8\ \Phi_1$
73078	1213	1224	$\frac{11}{1224}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{136}\ \Phi_{102}\ \Phi_{72}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
73079	1213	1944	$\frac{2}{243}$	$\frac{241}{972}$	$\frac{1}{3}$	$\frac{731}{1944}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{243}\ \Phi_{216}\ \Phi_{81}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
73080	1213	1824	$\frac{3}{304}$	$\frac{1}{4}$	$\frac{301}{912}$	$\frac{611}{1824}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{96}\ \Phi_{76}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{16}\ \Phi_8\ \Phi_1$
73081	1213	1809	$\frac{7}{603}$	$\frac{2}{9}$	$\frac{596}{1809}$	$\frac{1}{3}$	$\Phi_{1809}\ \Phi_{27}\ \Phi_9\ \Phi_1$
73082	1213	1800	$\frac{13}{600}$	$\frac{2}{15}$	$\frac{587}{1800}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
73083	1213	1782	$\frac{25}{594}$	$\frac{2}{27}$	$\frac{569}{1782}$	$\frac{1}{3}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_9\ \Phi_1$
73084	1213	1755	$\frac{2}{45}$	$\frac{43}{585}$	$\frac{542}{1755}$	$\frac{1}{3}$	$\Phi_{1755}\ \Phi_{351}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
73085	1213	1701	$\frac{2}{81}$	$\frac{79}{567}$	$\frac{488}{1701}$	$\frac{1}{3}$	$\Phi_{1701}\ \Phi_{243}\ \Phi_{81}\ \Phi_{27}\ \Phi_9\ \Phi_1$
73086	1213	1620	$\frac{2}{135}$	$\frac{133}{540}$	$\frac{407}{1620}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{162}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
73087	1213	1296	$\frac{83}{1296}$	$\frac{2}{27}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
73088	1213	1260	$\frac{47}{1260}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_1$
73089	1213	1500	$\frac{13}{300}$	$\frac{2}{15}$	$\frac{287}{1500}$	$\frac{1}{3}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{15}\ \Phi_5\ \Phi_1$
73090	1213	1485	$\frac{2}{27}$	$\frac{25}{297}$	$\frac{272}{1485}$	$\frac{1}{3}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{165}\ \Phi_{135}\ \Phi_{55}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
73091	1213	1275	$\frac{62}{1275}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{255}\ \Phi_{85}\ \Phi_{51}\ \Phi_{17}\ \Phi_{15}\ \Phi_5\ \Phi_1$
73092	1213	1440	$\frac{13}{240}$	$\frac{2}{15}$	$\frac{227}{1440}$	$\frac{1}{3}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
73093	1213	1320	$\frac{107}{1320}$	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_5\ \Phi_1$
73094	1213	1350	$\frac{13}{150}$	$\frac{137}{1350}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{270}\ \Phi_{225}\ \Phi_{135}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
73095	1213	1566	$\frac{5}{174}$	$\frac{1}{6}$	$\frac{353}{1566}$	$\frac{169}{522}$	$\Phi_{1566}\ \Phi_{783}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}\ \Phi_{54}\ \Phi_{29}\ \Phi_{27}\ \Phi_1$
73096	1213	1368	$\frac{3}{76}$	$\frac{155}{1368}$	$\frac{1}{4}$	$\frac{73}{228}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{171}\ \Phi_{152}\ \Phi_{76}\ \Phi_{72}\ \Phi_{38}\ \Phi_{36}\ \Phi_{24}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
73097	1213	1344	$\frac{3}{64}$	$\frac{131}{1344}$	$\frac{1}{4}$	$\frac{61}{192}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
73098	1213	1764	$\frac{37}{588}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{551}{1764}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{441}\ \Phi_{252}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
73099	1213	1584	$\frac{25}{396}$	$\frac{1}{12}$	$\frac{371}{1584}$	$\frac{11}{36}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{88}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
73100	1213	1296	$\frac{83}{1296}$	$\frac{1}{12}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
73101	1213	1728	$\frac{3}{64}$	$\frac{61}{576}$	$\frac{1}{4}$	$\frac{515}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{64}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
73102	1213	1728	$\frac{1}{12}$	$\frac{61}{576}$	$\frac{11}{72}$	$\frac{515}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
73103	1213	1248	$\frac{35}{1248}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
73104	1213	1600	$\frac{13}{400}$	$\frac{3}{16}$	$\frac{387}{1600}$	$\frac{1}{4}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{320}\ \Phi_{160}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
73105	1213	1536	$\frac{3}{64}$	$\frac{61}{384}$	$\frac{323}{1536}$	$\frac{1}{4}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
73106	1213	1520	$\frac{3}{76}$	$\frac{73}{380}$	$\frac{307}{1520}$	$\frac{1}{4}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{304}\ \Phi_{152}\ \Phi_{80}\ \Phi_{76}\ \Phi_{40}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
73107	1213	1280	$\frac{67}{1280}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
73108	1213	1440	$\frac{13}{240}$	$\frac{227}{1440}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
73109	1213	1344	$\frac{131}{1344}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{168}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{112}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
73110	1213	1440	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{227}{1440}$	$\frac{61}{288}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
73111	1213	1470	$\frac{5}{42}$	$\frac{37}{294}$	$\frac{1}{6}$	$\frac{257}{1470}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{245}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
73112	1214	3624	$\frac{3}{604}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{601}{1208}$	$\Phi_{3624}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
73113	1214	1200	$\frac{7}{600}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{593}{1200}$	$\Phi_{1200}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_{6}$
73114	1214	3552	$\frac{15}{592}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{577}{1184}$	$\Phi_{3552}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
73115	1214	3534	$\frac{18}{589}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{571}{1178}$	$\Phi_{3534}\ \Phi_{186}\ \Phi_{114}\ \Phi_{57}\ \Phi_{6}$
73116	1214	1920	$\frac{1}{32}$	$\frac{33}{640}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
73117	1214	1152	$\frac{1}{32}$	$\frac{31}{576}$	$\frac{1}{3}$	$\frac{545}{1152}$	$\Phi_{1152}^2\ \Phi_{384}^2\ \Phi_{128}^2\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
73118	1214	1140	$\frac{1}{38}$	$\frac{37}{570}$	$\frac{1}{3}$	$\frac{533}{1140}$	$\Phi_{1140}^2\ \Phi_{380}^2\ \Phi_{228}^2\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{60}^2\ \Phi_{57}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}^2$
73119	1214	3192	$\frac{1}{76}$	$\frac{75}{532}$	$\frac{1}{3}$	$\frac{457}{1064}$	$\Phi_{3192}\ \Phi_{456}\ \Phi_{228}\ \Phi_{168}\ \Phi_{114}\ \Phi_{57}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
73120	1214	912	$\frac{1}{152}$	$\frac{151}{456}$	$\frac{1}{3}$	$\frac{305}{912}$	$\Phi_{912}^2\ \Phi_{456}\ \Phi_{304}^2\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_{6}$
73121	1214	684	$\frac{1}{38}$	$\frac{77}{684}$	$\frac{37}{114}$	$\frac{1}{3}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}^2\ \Phi_{171}^2\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{6}\ \Phi_{4}^2$
73122	1214	672	$\frac{1}{32}$	$\frac{65}{672}$	$\frac{31}{96}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{7}^2\ \Phi_{6}$
73123	1214	864	$\frac{1}{32}$	$\frac{31}{288}$	$\frac{257}{864}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{96}\ \Phi_{54}^2\ \Phi_{48}\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
73124	1214	624	$\frac{17}{624}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{48}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_{12}\ \Phi_{6}$
73125	1214	2400	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{193}{800}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{480}\ \Phi_{240}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
73126	1214	768	$\frac{1}{32}$	$\frac{31}{192}$	$\frac{161}{768}$	$\frac{1}{3}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}^2\ \Phi_{128}^2\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
73127	1214	2280	$\frac{1}{38}$	$\frac{37}{190}$	$\frac{153}{760}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{456}\ \Phi_{228}\ \Phi_{120}\ \Phi_{114}\ \Phi_{60}\ \Phi_{57}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
73128	1214	1920	$\frac{33}{640}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
73129	1214	720	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{113}{720}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_{9}^2\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
73130	1215	968	$\frac{1}{242}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{241}{484}$	$\Phi_{968}^2\ \Phi_{484}\ \Phi_{88}^2\ \Phi_{44}\ \Phi_8^3\ \Phi_4\ \Phi_1$
73131	1215	1072	$\frac{1}{134}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{133}{268}$	$\Phi_{1072}^2\ \Phi_{268}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
73132	1215	268	$\frac{1}{134}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{133}{268}$	$\Phi_{268}^5\ \Phi_{134}^4\ \Phi_{67}^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
73133	1215	1120	$\frac{1}{80}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{79}{160}$	$\Phi_{1120}^2\ \Phi_{224}^2\ \Phi_{160}^3\ \Phi_{32}^3\ \Phi_{28}\ \Phi_4\ \Phi_1$
73134	1215	1120	$\frac{1}{80}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{79}{160}$	$\Phi_{1120}^2\ \Phi_{224}^2\ \Phi_{160}^3\ \Phi_{32}^3\ \Phi_7^2\ \Phi_1^3$
73135	1215	480	$\frac{1}{80}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{79}{160}$	$\Phi_{480}^6\ \Phi_{160}^3\ \Phi_{96}^6\ \Phi_{32}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
73136	1215	532	$\frac{2}{133}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{131}{266}$	$\Phi_{532}^3\ \Phi_{133}^3\ \Phi_{76}^3\ \Phi_{28}^4\ \Phi_{19}^3\ \Phi_{14}\ \Phi_7^3\ \Phi_4^3\ \Phi_1^3$
73137	1215	464	$\frac{1}{58}$	$\frac{59}{464}$	$\frac{1}{4}$	$\frac{57}{116}$	$\Phi_{464}^3\ \Phi_{232}^3\ \Phi_{116}^2\ \Phi_{58}\ \Phi_{29}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
73138	1215	1144	$\frac{1}{44}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{43}{88}$	$\Phi_{1144}^2\ \Phi_{104}^2\ \Phi_{88}^3\ \Phi_{52}\ \Phi_8^3\ \Phi_4\ \Phi_1$
73139	1215	1144	$\frac{1}{44}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{43}{88}$	$\Phi_{1144}^2\ \Phi_{104}^2\ \Phi_{88}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_1^3$
73140	1215	440	$\frac{1}{44}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{43}{88}$	$\Phi_{440}^6\ \Phi_{88}^3\ \Phi_{40}^6\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
73141	1215	784	$\frac{13}{392}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{379}{784}$	$\Phi_{784}^3\ \Phi_{112}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
73142	1215	572	$\frac{1}{26}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{25}{52}$	$\Phi_{572}^4\ \Phi_{52}^5\ \Phi_{44}^4\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
73143	1215	208	$\frac{1}{26}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{208}^6\ \Phi_{104}^6\ \Phi_{52}^5\ \Phi_{26}^4\ \Phi_{16}^9\ \Phi_{13}^4\ \Phi_8^9\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
73144	1215	572	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{25}{52}$	$\Phi_{572}^4\ \Phi_{52}^5\ \Phi_{44}^4\ \Phi_{11}^4\ \Phi_4^5\ \Phi_1^5$
73145	1215	780	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{25}{52}$	$\Phi_{780}^4\ \Phi_{260}^2\ \Phi_{156}^2\ \Phi_{60}^4\ \Phi_{52}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
73146	1215	1280	$\frac{7}{128}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{121}{256}$	$\Phi_{1280}^2\ \Phi_{256}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
73147	1215	280	$\frac{1}{40}$	$\frac{1}{14}$	$\frac{13}{40}$	$\frac{13}{28}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^4\ \Phi_{40}^6\ \Phi_{35}^4\ \Phi_{28}^5\ \Phi_{20}^6\ \Phi_{14}^4\ \Phi_{10}^6\ \Phi_8^6\ \Phi_7^4\ \Phi_5^6\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
73148	1215	28	$\frac{1}{28}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{28}^{44}\ \Phi_{14}^{43}\ \Phi_7^{43}\ \Phi_4^{43}\ \Phi_2^{42}\ \Phi_1^{43}$
73149	1215	2380	$\frac{4}{85}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{2380}\ \Phi_{476}\ \Phi_{340}\ \Phi_{85}\ \Phi_{68}\ \Phi_{28}\ \Phi_{17}\ \Phi_4\ \Phi_1$
73150	1215	700	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{19}{100}$	$\frac{13}{28}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{28}\ \Phi_{25}^3\ \Phi_4\ \Phi_1$
73151	1215	224	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{5}{32}$	$\frac{13}{28}$	$\Phi_{224}^6\ \Phi_{112}^4\ \Phi_{56}^4\ \Phi_{32}^9\ \Phi_{28}^5\ \Phi_{16}^6\ \Phi_{14}^4\ \Phi_8^6\ \Phi_7^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
73152	1215	616	$\frac{1}{14}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{13}{28}$	$\Phi_{616}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{88}^3\ \Phi_{77}^2\ \Phi_{44}^3\ \Phi_{28}\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_4\ \Phi_1$
73153	1215	140	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{13}{28}$	$\Phi_{140}^{16}\ \Phi_{28}^{17}\ \Phi_{20}^{16}\ \Phi_{10}^8\ \Phi_5^8\ \Phi_4^{17}\ \Phi_2^8\ \Phi_1^9$
73154	1215	1508	$\frac{1}{29}$	$\frac{28}{377}$	$\frac{1}{4}$	$\frac{349}{754}$	$\Phi_{1508}\ \Phi_{377}\ \Phi_{116}^2\ \Phi_{58}\ \Phi_{52}\ \Phi_{29}\ \Phi_{13}\ \Phi_4\ \Phi_1$
73155	1215	1072	$\frac{1}{67}$	$\frac{1}{8}$	$\frac{22}{67}$	$\frac{7}{16}$	$\Phi_{1072}^2\ \Phi_{67}^2\ \Phi_{16}^3\ \Phi_1^3$
73156	1215	368	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{368}^6\ \Phi_{92}^2\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
73157	1215	1072	$\frac{2}{67}$	$\frac{1}{8}$	$\frac{13}{67}$	$\frac{7}{16}$	$\Phi_{1072}^2\ \Phi_{67}^2\ \Phi_{16}^3\ \Phi_1^3$
73158	1215	336	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{336}^8\ \Phi_{112}^4\ \Phi_{84}^2\ \Phi_{48}^6\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{16}^3\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
73159	1215	1072	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1072}^2\ \Phi_{67}^2\ \Phi_{16}^3\ \Phi_1^3$
73160	1215	80	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{80}^{16}\ \Phi_{40}^{18}\ \Phi_{20}^{18}\ \Phi_{16}^8\ \Phi_{10}^{17}\ \Phi_8^9\ \Phi_5^{17}\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
73161	1215	1190	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{16}{119}$	$\frac{103}{238}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{170}^2\ \Phi_{119}\ \Phi_{85}^2\ \Phi_{70}\ \Phi_{35}\ \Phi_{34}\ \Phi_{17}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
73162	1215	232	$\frac{1}{58}$	$\frac{19}{116}$	$\frac{1}{4}$	$\frac{97}{232}$	$\Phi_{232}^9\ \Phi_{116}^2\ \Phi_{58}\ \Phi_{29}\ \Phi_8^9\ \Phi_4\ \Phi_1$
73163	1215	968	$\frac{1}{121}$	$\frac{1}{4}$	$\frac{40}{121}$	$\frac{3}{8}$	$\Phi_{968}^2\ \Phi_{121}^2\ \Phi_{88}^2\ \Phi_{11}^2\ \Phi_8^3\ \Phi_1^3$
73164	1215	328	$\frac{1}{82}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{328}^6\ \Phi_{164}^2\ \Phi_{82}\ \Phi_{41}\ \Phi_8^3\ \Phi_4\ \Phi_1$
73165	1215	744	$\frac{5}{248}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{744}^2\ \Phi_{372}^2\ \Phi_{248}\ \Phi_{186}^2\ \Phi_{124}\ \Phi_{93}^2\ \Phi_{62}\ \Phi_{31}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
73166	1215	736	$\frac{1}{46}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{736}^2\ \Phi_{368}^2\ \Phi_{92}^2\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_{16}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
73167	1215	968	$\frac{4}{121}$	$\frac{13}{121}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{968}^2\ \Phi_{121}^2\ \Phi_{88}^2\ \Phi_{11}^2\ \Phi_8^3\ \Phi_1^3$
73168	1215	280	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^8\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^4\ \Phi_{40}^6\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_8^3\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
73169	1215	2024	$\frac{10}{253}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2024}\ \Phi_{253}\ \Phi_{184}\ \Phi_{23}\ \Phi_8\ \Phi_1$
73170	1215	88	$\frac{1}{22}$	$\frac{7}{88}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{88}^{13}\ \Phi_{44}^{15}\ \Phi_{22}^{14}\ \Phi_{11}^{14}\ \Phi_8^{14}\ \Phi_4^{15}\ \Phi_2^{14}\ \Phi_1^{15}$
73171	1215	322	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{322}^4\ \Phi_{161}^4\ \Phi_{46}^3\ \Phi_{23}^3\ \Phi_{14}\ \Phi_7^3\ \Phi_1^3$
73172	1215	340	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{11}{34}$	$\frac{23}{68}$	$\Phi_{340}^6\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{68}^3\ \Phi_{34}\ \Phi_{20}^6\ \Phi_{17}\ \Phi_{10}\ \Phi_5\ \Phi_4^3\ \Phi_1$
73173	1215	366	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{20}{61}$	$\frac{41}{122}$	$\Phi_{366}^4\ \Phi_{183}^4\ \Phi_{122}\ \Phi_{61}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
73174	1215	607	$\frac{4}{607}$	$\frac{201}{607}$	$\frac{202}{607}$	$\frac{203}{607}$	$\Phi_{607}^2\ \Phi_1^3$
73175	1215	268	$\frac{1}{67}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{22}{67}$	$\Phi_{268}^4\ \Phi_{134}^4\ \Phi_{67}^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
73176	1215	607	$\frac{10}{607}$	$\frac{136}{607}$	$\frac{157}{607}$	$\frac{199}{607}$	$\Phi_{607}^2\ \Phi_1^3$
73177	1215	116	$\frac{1}{58}$	$\frac{13}{58}$	$\frac{1}{4}$	$\frac{19}{58}$	$\Phi_{116}^{14}\ \Phi_{58}^7\ \Phi_{29}^7\ \Phi_4^{13}\ \Phi_2^6\ \Phi_1^7$
73178	1215	280	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{13}{40}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^4\ \Phi_{40}^6\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{20}^6\ \Phi_{14}^4\ \Phi_{10}^6\ \Phi_8^6\ \Phi_7^6\ \Phi_5^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
73179	1215	120	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{13}{40}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^6\ \Phi_{30}^{12}\ \Phi_{24}^{12}\ \Phi_{20}^6\ \Phi_{15}^{12}\ \Phi_{12}^{14}\ \Phi_{10}^6\ \Phi_8^6\ \Phi_6^{13}\ \Phi_5^6\ \Phi_4^7\ \Phi_3^{13}\ \Phi_2^6\ \Phi_1^7$
73180	1215	607	$\frac{16}{607}$	$\frac{82}{607}$	$\frac{175}{607}$	$\frac{197}{607}$	$\Phi_{607}^2\ \Phi_1^3$
73181	1215	732	$\frac{7}{244}$	$\frac{1}{6}$	$\frac{55}{244}$	$\frac{79}{244}$	$\Phi_{732}^2\ \Phi_{366}^2\ \Phi_{244}\ \Phi_{183}^2\ \Phi_{122}\ \Phi_{61}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
73182	1215	607	$\frac{19}{607}$	$\frac{94}{607}$	$\frac{137}{607}$	$\frac{196}{607}$	$\Phi_{607}^2\ \Phi_1^3$
73183	1215	812	$\frac{13}{406}$	$\frac{55}{406}$	$\frac{1}{4}$	$\frac{131}{406}$	$\Phi_{812}^2\ \Phi_{406}\ \Phi_{203}\ \Phi_{116}^2\ \Phi_{58}\ \Phi_{29}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
73184	1215	286	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{7}{22}$	$\Phi_{286}^4\ \Phi_{143}^4\ \Phi_{26}^4\ \Phi_{22}^6\ \Phi_{13}^6\ \Phi_{11}^6\ \Phi_2^6\ \Phi_1^9$
73185	1215	220	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{7}{22}$	$\Phi_{220}^8\ \Phi_{110}^4\ \Phi_{55}^4\ \Phi_{44}^4\ \Phi_{22}^2\ \Phi_{20}^{10}\ \Phi_{11}^2\ \Phi_{10}^5\ \Phi_5^5\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
73186	1215	607	$\frac{28}{607}$	$\frac{46}{607}$	$\frac{187}{607}$	$\frac{193}{607}$	$\Phi_{607}^2\ \Phi_1^3$
73187	1215	680	$\frac{7}{136}$	$\frac{1}{10}$	$\frac{31}{136}$	$\frac{43}{136}$	$\Phi_{680}^2\ \Phi_{340}^2\ \Phi_{170}^2\ \Phi_{136}\ \Phi_{85}^2\ \Phi_{68}\ \Phi_{40}^2\ \Phi_{34}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
73188	1215	607	$\frac{37}{607}$	$\frac{52}{607}$	$\frac{139}{607}$	$\frac{190}{607}$	$\Phi_{607}^2\ \Phi_1^3$
73189	1215	812	$\frac{25}{406}$	$\frac{31}{406}$	$\frac{1}{4}$	$\frac{127}{406}$	$\Phi_{812}^2\ \Phi_{406}\ \Phi_{203}\ \Phi_{116}^2\ \Phi_{58}\ \Phi_{29}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
73190	1215	196	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{61}{196}$	$\Phi_{196}^6\ \Phi_{98}^6\ \Phi_{49}^6\ \Phi_{28}^8\ \Phi_{14}^7\ \Phi_7^7\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
73191	1215	208	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{208}^6\ \Phi_{104}^6\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{16}^9\ \Phi_{13}^6\ \Phi_8^9\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
73192	1215	143	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{4}{13}$	$\Phi_{143}^8\ \Phi_{13}^{10}\ \Phi_{11}^{12}\ \Phi_1^{15}$
73193	1215	390	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{4}{13}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{30}^6\ \Phi_{15}^6\ \Phi_{13}^2\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^3$
73194	1215	656	$\frac{1}{16}$	$\frac{7}{82}$	$\frac{19}{82}$	$\frac{25}{82}$	$\Phi_{656}^2\ \Phi_{328}^2\ \Phi_{164}^2\ \Phi_{82}\ \Phi_{41}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
73195	1215	607	$\frac{47}{607}$	$\frac{55}{607}$	$\frac{112}{607}$	$\frac{184}{607}$	$\Phi_{607}^2\ \Phi_1^3$
73196	1215	680	$\frac{13}{136}$	$\frac{1}{10}$	$\frac{19}{136}$	$\frac{41}{136}$	$\Phi_{680}^2\ \Phi_{340}^2\ \Phi_{170}^2\ \Phi_{136}\ \Phi_{85}^2\ \Phi_{68}\ \Phi_{40}^2\ \Phi_{34}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
73197	1215	607	$\frac{58}{607}$	$\frac{61}{607}$	$\frac{85}{607}$	$\frac{182}{607}$	$\Phi_{607}^2\ \Phi_1^3$
73198	1215	732	$\frac{19}{244}$	$\frac{25}{244}$	$\frac{1}{6}$	$\frac{73}{244}$	$\Phi_{732}^2\ \Phi_{366}^2\ \Phi_{244}\ \Phi_{183}^2\ \Phi_{122}\ \Phi_{61}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
73199	1215	607	$\frac{31}{607}$	$\frac{64}{607}$	$\frac{142}{607}$	$\frac{181}{607}$	$\Phi_{607}^2\ \Phi_1^3$
73200	1215	812	$\frac{19}{406}$	$\frac{43}{406}$	$\frac{1}{4}$	$\frac{121}{406}$	$\Phi_{812}^2\ \Phi_{406}\ \Phi_{203}\ \Phi_{116}^2\ \Phi_{58}\ \Phi_{29}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
73201	1215	320	$\frac{1}{10}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{19}{64}$	$\Phi_{320}^4\ \Phi_{160}^4\ \Phi_{80}^4\ \Phi_{64}^2\ \Phi_{40}^6\ \Phi_{32}^2\ \Phi_{20}^6\ \Phi_{16}^2\ \Phi_{10}^5\ \Phi_8^3\ \Phi_5^5\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
73202	1215	28	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{28}^{43}\ \Phi_{14}^{43}\ \Phi_7^{45}\ \Phi_4^{42}\ \Phi_2^{42}\ \Phi_1^{45}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
73203	1215	595	$\frac{4}{85}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{595}^2\ \Phi_{119}^2\ \Phi_{85}^3\ \Phi_{17}^3\ \Phi_7^2\ \Phi_1^3$
73204	1215	700	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{19}{100}$	$\frac{2}{7}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_7^2\ \Phi_1^3$
73205	1215	224	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{5}{32}$	$\frac{2}{7}$	$\Phi_{224}^6\ \Phi_{112}^4\ \Phi_{56}^4\ \Phi_{32}^9\ \Phi_{28}^4\ \Phi_{16}^6\ \Phi_{14}^4\ \Phi_8^6\ \Phi_7^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
73206	1215	616	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{616}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{88}^3\ \Phi_{77}^2\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_7^2\ \Phi_1^3$
73207	1215	70	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{70}^{16}\ \Phi_{35}^{16}\ \Phi_{14}^{16}\ \Phi_{10}^{24}\ \Phi_7^{18}\ \Phi_5^{24}\ \Phi_2^{24}\ \Phi_1^{27}$
73208	1215	644	$\frac{1}{28}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{644}^2\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{92}^2\ \Phi_{46}\ \Phi_{28}\ \Phi_{23}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
73209	1215	607	$\frac{49}{607}$	$\frac{62}{607}$	$\frac{109}{607}$	$\frac{166}{607}$	$\Phi_{607}^2\ \Phi_1^3$
73210	1215	680	$\frac{11}{136}$	$\frac{1}{10}$	$\frac{25}{136}$	$\frac{37}{136}$	$\Phi_{680}^2\ \Phi_{340}^2\ \Phi_{170}^2\ \Phi_{136}\ \Phi_{85}^2\ \Phi_{68}\ \Phi_{40}^2\ \Phi_{34}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
73211	1215	607	$\frac{17}{607}$	$\frac{118}{607}$	$\frac{148}{607}$	$\frac{163}{607}$	$\Phi_{607}^2\ \Phi_1^3$
73212	1215	812	$\frac{11}{406}$	$\frac{79}{406}$	$\frac{1}{4}$	$\frac{109}{406}$	$\Phi_{812}^2\ \Phi_{406}\ \Phi_{203}\ \Phi_{116}^2\ \Phi_{58}\ \Phi_{29}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
73213	1215	92	$\frac{1}{46}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{92}^{14}\ \Phi_{46}^{13}\ \Phi_{23}^{13}\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
73214	1215	268	$\frac{2}{67}$	$\frac{13}{67}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{268}^4\ \Phi_{134}^4\ \Phi_{67}^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
73215	1215	84	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{84}^{18}\ \Phi_{42}^{18}\ \Phi_{28}^9\ \Phi_{21}^{18}\ \Phi_{14}^9\ \Phi_{12}^{14}\ \Phi_7^9\ \Phi_6^{13}\ \Phi_4^7\ \Phi_3^{13}\ \Phi_2^6\ \Phi_1^7$
73216	1215	268	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{268}^4\ \Phi_{134}^4\ \Phi_{67}^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
73217	1215	80	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{80}^{18}\ \Phi_{40}^{18}\ \Phi_{20}^{14}\ \Phi_{16}^9\ \Phi_{10}^{13}\ \Phi_8^9\ \Phi_5^{13}\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
73218	1215	960	$\frac{3}{80}$	$\frac{1}{6}$	$\frac{77}{320}$	$\frac{1}{4}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}\ \Phi_{192}^2\ \Phi_{160}\ \Phi_{96}^2\ \Phi_{64}\ \Phi_{32}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
73219	1215	532	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{127}{532}$	$\frac{1}{4}$	$\Phi_{532}^2\ \Phi_{266}^2\ \Phi_{133}^3\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{28}^3\ \Phi_{19}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
73220	1215	880	$\frac{3}{44}$	$\frac{1}{10}$	$\frac{41}{176}$	$\frac{1}{4}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{176}\ \Phi_{88}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
73221	1215	448	$\frac{1}{14}$	$\frac{43}{448}$	$\frac{13}{56}$	$\frac{1}{4}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
73222	1215	116	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{13}{58}$	$\frac{1}{4}$	$\Phi_{116}^{14}\ \Phi_{58}^5\ \Phi_{29}^9\ \Phi_4^{13}\ \Phi_2^4\ \Phi_1^9$
73223	1215	1020	$\frac{4}{85}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1020}^2\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}^2\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{51}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
73224	1215	300	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{19}{100}$	$\frac{1}{4}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^3\ \Phi_{75}^6\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
73225	1215	768	$\frac{13}{256}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}\ \Phi_{192}^2\ \Phi_{128}\ \Phi_{96}^2\ \Phi_{64}\ \Phi_{32}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
73226	1215	220	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{1}{4}$	$\Phi_{220}^8\ \Phi_{110}^4\ \Phi_{55}^4\ \Phi_{44}^4\ \Phi_{20}^{10}\ \Phi_{11}^4\ \Phi_{10}^5\ \Phi_5^5\ \Phi_4^5\ \Phi_1^5$
73227	1215	812	$\frac{37}{406}$	$\frac{41}{406}$	$\frac{73}{406}$	$\frac{1}{4}$	$\Phi_{812}^2\ \Phi_{406}\ \Phi_{203}\ \Phi_{116}^2\ \Phi_{58}\ \Phi_{29}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
73228	1215	196	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{17}{98}$	$\frac{1}{4}$	$\Phi_{196}^8\ \Phi_{98}^4\ \Phi_{49}^4\ \Phi_{28}^{10}\ \Phi_{14}^5\ \Phi_7^5\ \Phi_4^9\ \Phi_2^4\ \Phi_1^5$
73229	1215	96	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{96}^{18}\ \Phi_{48}^{12}\ \Phi_{32}^9\ \Phi_{24}^{12}\ \Phi_{16}^6\ \Phi_{12}^{14}\ \Phi_8^6\ \Phi_6^{13}\ \Phi_4^7\ \Phi_3^{13}\ \Phi_2^6\ \Phi_1^7$
73230	1215	780	$\frac{17}{260}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
73231	1215	840	$\frac{3}{40}$	$\frac{37}{280}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
73232	1215	264	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{264}^6\ \Phi_{132}^6\ \Phi_{88}^3\ \Phi_{66}^6\ \Phi_{44}^3\ \Phi_{33}^6\ \Phi_{22}^3\ \Phi_{12}^2\ \Phi_{11}^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
73233	1215	60	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{60}^{32}\ \Phi_{30}^{16}\ \Phi_{20}^{16}\ \Phi_{15}^{16}\ \Phi_{12}^{34}\ \Phi_{10}^8\ \Phi_6^{17}\ \Phi_5^8\ \Phi_4^{17}\ \Phi_3^{17}\ \Phi_2^8\ \Phi_1^9$
73234	1215	160	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{7}{32}$	$\Phi_{160}^8\ \Phi_{80}^8\ \Phi_{40}^{10}\ \Phi_{32}^4\ \Phi_{20}^{10}\ \Phi_{16}^4\ \Phi_{10}^9\ \Phi_8^5\ \Phi_5^9\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
73235	1215	170	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{34}$	$\Phi_{170}^8\ \Phi_{85}^8\ \Phi_{34}^3\ \Phi_{17}^5\ \Phi_{10}^7\ \Phi_5^7\ \Phi_2^2\ \Phi_1^5$
73236	1216	303	$\frac{1}{303}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{151}{303}$	$\Phi_{303}^4\ \Phi_{101}^4\ \Phi_3^5\ \Phi_1^6$
73237	1216	243	$\frac{1}{243}$	$\frac{61}{243}$	$\frac{91}{243}$	$\frac{121}{243}$	$\Phi_{243}^5\ \Phi_{81}^5\ \Phi_{27}^5\ \Phi_9^5\ \Phi_3^5\ \Phi_1^6$
73238	1216	609	$\frac{1}{203}$	$\frac{51}{203}$	$\frac{1}{3}$	$\frac{101}{203}$	$\Phi_{609}^3\ \Phi_{87}^3\ \Phi_{21}^3\ \Phi_3^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
73239	1216	605	$\frac{3}{605}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{301}{605}$	$\Phi_{605}^2\ \Phi_{121}^2\ \Phi_{55}^2\ \Phi_{11}^2\ \Phi_5^3\ \Phi_1^4$
73240	1216	1057	$\frac{1}{151}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{75}{151}$	$\Phi_{1057}\ \Phi_{151}^2\ \Phi_7^2\ \Phi_1^4$
73241	1216	2265	$\frac{1}{151}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{75}{151}$	$\Phi_{2265}\ \Phi_{15}^2$
73242	1216	135	$\frac{1}{135}$	$\frac{17}{135}$	$\frac{59}{135}$	$\frac{67}{135}$	$\Phi_{135}^9\ \Phi_{45}^9\ \Phi_{27}^9\ \Phi_{15}^9\ \Phi_9^9\ \Phi_5^9\ \Phi_3^9\ \Phi_1^{10}$
73243	1216	405	$\frac{1}{135}$	$\frac{101}{405}$	$\frac{34}{135}$	$\frac{67}{135}$	$\Phi_{405}^4\ \Phi_{135}\ \Phi_{81}^4\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
73244	1216	603	$\frac{5}{603}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{299}{603}$	$\Phi_{603}^2\ \Phi_{201}^2\ \Phi_{67}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
73245	1216	305	$\frac{3}{305}$	$\frac{1}{5}$	$\frac{77}{305}$	$\frac{151}{305}$	$\Phi_{305}^4\ \Phi_{61}^4\ \Phi_5^3\ \Phi_1^4$
73246	1216	903	$\frac{3}{301}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{149}{301}$	$\Phi_{903}^2\ \Phi_{129}^2\ \Phi_{21}^3\ \Phi_3^2$
73247	1216	1215	$\frac{13}{1215}$	$\frac{227}{1215}$	$\frac{307}{1215}$	$\frac{601}{1215}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
73248	1216	87	$\frac{1}{87}$	$\frac{11}{87}$	$\frac{1}{3}$	$\frac{43}{87}$	$\Phi_{87}^{14}\ \Phi_{29}^{14}\ \Phi_3^{13}\ \Phi_1^{14}$
73249	1216	567	$\frac{1}{81}$	$\frac{41}{567}$	$\frac{263}{567}$	$\frac{40}{81}$	$\Phi_{567}^2\ \Phi_{189}^2\ \Phi_{81}^3\ \Phi_{63}^2\ \Phi_{27}^3\ \Phi_{21}^2\ \Phi_9^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^4$
73250	1216	75	$\frac{1}{75}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{37}{75}$	$\Phi_{75}^{16}\ \Phi_{25}^{16}\ \Phi_{15}^{17}\ \Phi_5^{17}\ \Phi_3^{17}\ \Phi_1^{18}$
73251	1216	225	$\frac{1}{75}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{37}{75}$	$\Phi_{225}^6\ \Phi_{75}^4\ \Phi_{45}^6\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_9^8\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
73252	1216	75	$\frac{1}{75}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{37}{75}$	$\Phi_{75}^{16}\ \Phi_{25}^{16}\ \Phi_{15}^{16}\ \Phi_5^{19}\ \Phi_3^{16}\ \Phi_1^{20}$
73253	1216	1215	$\frac{17}{1215}$	$\frac{77}{1215}$	$\frac{569}{1215}$	$\frac{599}{1215}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
73254	1216	252	$\frac{1}{63}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{31}{63}$	$\Phi_{252}^9\ \Phi_{84}^9\ \Phi_{63}\ \Phi_{36}^{10}\ \Phi_{28}^9\ \Phi_{21}\ \Phi_{12}^{10}\ \Phi_9\ \Phi_7\ \Phi_4^{10}\ \Phi_3\ \Phi_1^2$
73255	1216	63	$\frac{1}{63}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{31}{63}$	$\Phi_{63}^{19}\ \Phi_{21}^{20}\ \Phi_9^{19}\ \Phi_7^{20}\ \Phi_3^{19}\ \Phi_1^{20}$
73256	1216	189	$\frac{1}{63}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{31}{63}$	$\Phi_{189}^9\ \Phi_{63}\ \Phi_{27}^{10}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
73257	1216	504	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{31}{63}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{84}^3\ \Phi_{72}^3\ \Phi_{63}\ \Phi_{56}^3\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{12}^4\ \Phi_9\ \Phi_8^4\ \Phi_7\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
73258	1216	915	$\frac{1}{61}$	$\frac{31}{183}$	$\frac{1}{5}$	$\frac{30}{61}$	$\Phi_{915}^2\ \Phi_{305}\ \Phi_{15}^2$
73259	1216	153	$\frac{1}{51}$	$\frac{1}{9}$	$\frac{13}{51}$	$\frac{25}{51}$	$\Phi_{153}^9\ \Phi_{51}^6\ \Phi_{17}^6\ \Phi_9^8\ \Phi_3^5\ \Phi_1^6$
73260	1216	243	$\frac{5}{243}$	$\frac{31}{243}$	$\frac{53}{243}$	$\frac{119}{243}$	$\Phi_{243}^5\ \Phi_{81}^5\ \Phi_{27}^5\ \Phi_9^5\ \Phi_3^5\ \Phi_1^6$
73261	1216	585	$\frac{1}{45}$	$\frac{23}{585}$	$\frac{281}{585}$	$\frac{22}{45}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{117}^2\ \Phi_{65}^2\ \Phi_{45}^3\ \Phi_{39}^2\ \Phi_{15}^3\ \Phi_{13}^2\ \Phi_9^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
73262	1216	305	$\frac{7}{305}$	$\frac{39}{305}$	$\frac{1}{5}$	$\frac{149}{305}$	$\Phi_{305}^4\ \Phi_{61}^4\ \Phi_5^3\ \Phi_1^4$
73263	1216	297	$\frac{7}{297}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{145}{297}$	$\Phi_{297}^4\ \Phi_{99}^4\ \Phi_{33}^4\ \Phi_{27}^5\ \Phi_{11}^4\ \Phi_9^5\ \Phi_3^5\ \Phi_1^6$
73264	1216	297	$\frac{7}{297}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{145}{297}$	$\Phi_{297}^4\ \Phi_{99}^4\ \Phi_{33}^4\ \Phi_{27}^4\ \Phi_{11}^4\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
73265	1216	1215	$\frac{29}{1215}$	$\frac{113}{1215}$	$\frac{311}{1215}$	$\frac{593}{1215}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
73266	1216	609	$\frac{5}{203}$	$\frac{13}{203}$	$\frac{1}{3}$	$\frac{99}{203}$	$\Phi_{609}^3\ \Phi_{87}^3\ \Phi_{21}^3\ \Phi_3^2$
73267	1216	1147	$\frac{1}{37}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{18}{37}$	$\Phi_{1147}\ \Phi_{37}^2\ \Phi_{31}^2\ \Phi_1^4$
73268	1216	1887	$\frac{1}{37}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{1887}\ \Phi_{51}^2$
73269	1216	1147	$\frac{1}{37}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{18}{37}$	$\Phi_{1147}\ \Phi_{37}^2\ \Phi_{31}^2\ \Phi_1^4$
73270	1216	1665	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{18}{37}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{45}^2\ \Phi_{15}^2$
73271	1216	405	$\frac{11}{405}$	$\frac{13}{405}$	$\frac{196}{405}$	$\frac{197}{405}$	$\Phi_{405}^3\ \Phi_{135}^3\ \Phi_{81}^3\ \Phi_{45}^3\ \Phi_{27}^3\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
73272	1216	1860	$\frac{1}{31}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{465}\ \Phi_{372}\ \Phi_{186}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2$
73273	1216	147	$\frac{5}{147}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{71}{147}$	$\Phi_{147}^8\ \Phi_{49}^8\ \Phi_{21}^{10}\ \Phi_7^{10}\ \Phi_3^9\ \Phi_1^{10}$
73274	1216	957	$\frac{1}{29}$	$\frac{15}{319}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{957}^2\ \Phi_{87}\ \Phi_{33}^2$
73275	1216	891	$\frac{1}{27}$	$\frac{14}{297}$	$\frac{283}{891}$	$\frac{13}{27}$	$\Phi_{891}^2\ \Phi_{81}^2\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
73276	1216	81	$\frac{1}{27}$	$\frac{5}{81}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{81}^{16}\ \Phi_{27}^{13}\ \Phi_9^{13}\ \Phi_3^{13}\ \Phi_1^{14}$
73277	1216	1309	$\frac{3}{77}$	$\frac{1}{17}$	$\frac{20}{77}$	$\frac{37}{77}$	$\Phi_{1309}\ \Phi_{187}\ \Phi_{119}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
73278	1216	1215	$\frac{49}{1215}$	$\frac{79}{1215}$	$\frac{284}{1215}$	$\frac{583}{1215}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
73279	1216	153	$\frac{7}{153}$	$\frac{1}{9}$	$\frac{20}{153}$	$\frac{73}{153}$	$\Phi_{153}^{8}\ \Phi_{51}^{8}\ \Phi_{17}^{8}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
73280	1216	260	$\frac{3}{65}$	$\frac{1}{20}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{260}^{5}\ \Phi_{130}^{5}\ \Phi_{65}^{4}\ \Phi_{52}^{5}\ \Phi_{26}^{5}\ \Phi_{20}^{4}\ \Phi_{13}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
73281	1216	405	$\frac{19}{405}$	$\frac{44}{405}$	$\frac{53}{405}$	$\frac{193}{405}$	$\Phi_{405}^{3}\ \Phi_{135}^{3}\ \Phi_{81}^{3}\ \Phi_{45}^{3}\ \Phi_{27}^{3}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
73282	1216	315	$\frac{11}{315}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{315}^{4}\ \Phi_{105}^{4}\ \Phi_{63}^{4}\ \Phi_{45}^{4}\ \Phi_{35}^{4}\ \Phi_{21}^{2}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{2}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
73283	1216	435	$\frac{1}{29}$	$\frac{7}{145}$	$\frac{1}{3}$	$\frac{69}{145}$	$\Phi_{435}^{4}\ \Phi_{87}^{5}\ \Phi_{15}^{4}\ \Phi_{3}^{4}$
73284	1216	305	$\frac{3}{61}$	$\frac{4}{61}$	$\frac{1}{5}$	$\frac{29}{61}$	$\Phi_{305}^{5}\ \Phi_{5}^{4}$
73285	1216	1215	$\frac{56}{1215}$	$\frac{61}{1215}$	$\frac{319}{1215}$	$\frac{577}{1215}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
73286	1216	609	$\frac{20}{609}$	$\frac{31}{609}$	$\frac{1}{3}$	$\frac{289}{609}$	$\Phi_{609}^{2}\ \Phi_{203}^{2}\ \Phi_{87}^{2}\ \Phi_{29}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
73287	1216	396	$\frac{1}{33}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{396}^{6}\ \Phi_{132}^{6}\ \Phi_{44}^{6}\ \Phi_{36}^{4}\ \Phi_{33}^{2}\ \Phi_{12}^{4}\ \Phi_{11}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
73288	1216	252	$\frac{1}{21}$	$\frac{1}{18}$	$\frac{5}{21}$	$\frac{17}{36}$	$\Phi_{252}^{9}\ \Phi_{84}^{9}\ \Phi_{36}^{10}\ \Phi_{28}^{9}\ \Phi_{21}^{3}\ \Phi_{12}^{10}\ \Phi_{7}^{3}\ \Phi_{4}^{10}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
73289	1216	3060	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{340}\ \Phi_{85}$
73290	1216	1260	$\frac{1}{18}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{17}{36}$	$\Phi_{1260}^{2}\ \Phi_{420}^{2}\ \Phi_{252}\ \Phi_{180}^{2}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}^{2}\ \Phi_{36}^{2}\ \Phi_{35}^{2}\ \Phi_{28}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
73291	1216	36	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{17}{36}$	$\Phi_{36}^{64}\ \Phi_{12}^{64}\ \Phi_{9}^{7}\ \Phi_{4}^{64}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
73292	1216	765	$\frac{1}{17}$	$\frac{9}{85}$	$\frac{1}{9}$	$\frac{8}{17}$	$\Phi_{765}^{2}\ \Phi_{255}^{2}\ \Phi_{153}\ \Phi_{51}\ \Phi_{45}^{2}\ \Phi_{15}^{2}$
73293	1216	1215	$\frac{47}{1215}$	$\frac{73}{1215}$	$\frac{322}{1215}$	$\frac{571}{1215}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
73294	1216	609	$\frac{17}{609}$	$\frac{37}{609}$	$\frac{1}{3}$	$\frac{286}{609}$	$\Phi_{609}^{2}\ \Phi_{203}^{2}\ \Phi_{87}^{2}\ \Phi_{29}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
73295	1216	195	$\frac{1}{39}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{195}^{6}\ \Phi_{65}^{6}\ \Phi_{39}^{8}\ \Phi_{15}^{4}\ \Phi_{13}^{8}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
73296	1216	225	$\frac{2}{75}$	$\frac{1}{15}$	$\frac{73}{225}$	$\frac{7}{15}$	$\Phi_{225}^{8}\ \Phi_{45}^{8}\ \Phi_{15}\ \Phi_{9}^{8}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
73297	1216	315	$\frac{11}{315}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{315}^{4}\ \Phi_{105}^{4}\ \Phi_{63}^{4}\ \Phi_{45}^{4}\ \Phi_{35}^{4}\ \Phi_{21}^{4}\ \Phi_{15}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
73298	1216	75	$\frac{1}{25}$	$\frac{1}{15}$	$\frac{6}{25}$	$\frac{7}{15}$	$\Phi_{75}^{15}\ \Phi_{25}^{18}\ \Phi_{15}^{16}\ \Phi_{5}^{19}\ \Phi_{3}^{16}\ \Phi_{1}^{20}$
73299	1216	60	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{60}^{20}\ \Phi_{30}^{20}\ \Phi_{20}^{24}\ \Phi_{15}^{16}\ \Phi_{12}^{20}\ \Phi_{10}^{24}\ \Phi_{6}^{20}\ \Phi_{5}^{19}\ \Phi_{4}^{24}\ \Phi_{3}^{16}\ \Phi_{2}^{24}\ \Phi_{1}^{20}$
73300	1216	375	$\frac{4}{75}$	$\frac{1}{15}$	$\frac{71}{375}$	$\frac{7}{15}$	$\Phi_{375}^{4}\ \Phi_{125}^{4}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
73301	1216	45	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{7}{15}$	$\Phi_{45}^{32}\ \Phi_{15}^{17}\ \Phi_{9}^{32}\ \Phi_{5}^{17}\ \Phi_{3}^{17}\ \Phi_{1}^{18}$
73302	1216	165	$\frac{1}{15}$	$\frac{13}{165}$	$\frac{2}{15}$	$\frac{7}{15}$	$\Phi_{165}^{8}\ \Phi_{55}^{8}\ \Phi_{33}^{8}\ \Phi_{15}\ \Phi_{11}^{8}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
73303	1216	675	$\frac{1}{15}$	$\frac{67}{675}$	$\frac{8}{75}$	$\frac{7}{15}$	$\Phi_{675}^{2}\ \Phi_{225}^{2}\ \Phi_{135}^{2}\ \Phi_{45}^{2}\ \Phi_{27}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
73304	1216	1131	$\frac{2}{87}$	$\frac{85}{1131}$	$\frac{1}{3}$	$\frac{523}{1131}$	$\Phi_{1131}\ \Phi_{377}\ \Phi_{87}^{2}\ \Phi_{39}\ \Phi_{29}^{2}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
73305	1216	858	$\frac{1}{33}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{858}^{2}\ \Phi_{429}\ \Phi_{286}^{2}\ \Phi_{143}\ \Phi_{78}^{2}\ \Phi_{66}^{2}\ \Phi_{39}\ \Phi_{22}^{2}\ \Phi_{6}^{2}$
73306	1216	780	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}\ \Phi_{195}^{2}\ \Phi_{156}^{2}\ \Phi_{130}\ \Phi_{78}^{2}\ \Phi_{65}\ \Phi_{60}^{2}\ \Phi_{52}\ \Phi_{30}^{2}\ \Phi_{26}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
73307	1216	595	$\frac{1}{17}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{595}^{2}\ \Phi_{119}^{3}\ \Phi_{85}^{2}\ \Phi_{17}^{2}$
73308	1216	81	$\frac{5}{81}$	$\frac{7}{81}$	$\frac{11}{81}$	$\frac{37}{81}$	$\Phi_{81}^{15}\ \Phi_{27}^{15}\ \Phi_{9}^{15}\ \Phi_{3}^{15}\ \Phi_{1}^{16}$
73309	1216	429	$\frac{1}{39}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{429}^{3}\ \Phi_{143}^{3}\ \Phi_{39}^{2}\ \Phi_{33}^{3}\ \Phi_{13}^{2}\ \Phi_{3}^{2}$
73310	1216	374	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{374}^{4}\ \Phi_{187}^{3}\ \Phi_{34}^{4}\ \Phi_{17}^{2}$
73311	1216	243	$\frac{7}{243}$	$\frac{23}{243}$	$\frac{59}{243}$	$\frac{110}{243}$	$\Phi_{243}^{5}\ \Phi_{81}^{5}\ \Phi_{27}^{5}\ \Phi_{9}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
73312	1216	260	$\frac{1}{20}$	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{29}{65}$	$\Phi_{260}^{5}\ \Phi_{130}^{5}\ \Phi_{65}^{4}\ \Phi_{52}^{5}\ \Phi_{26}^{5}\ \Phi_{20}^{4}\ \Phi_{13}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
73313	1216	81	$\frac{5}{81}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{81}^{16}\ \Phi_{27}^{16}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
73314	1216	306	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{15}{34}$	$\Phi_{306}^{8}\ \Phi_{153}\ \Phi_{102}^{8}\ \Phi_{51}\ \Phi_{18}^{8}\ \Phi_{6}^{8}$
73315	1216	243	$\frac{11}{243}$	$\frac{29}{243}$	$\frac{34}{243}$	$\frac{107}{243}$	$\Phi_{243}^{5}\ \Phi_{81}^{5}\ \Phi_{27}^{5}\ \Phi_{9}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
73316	1216	305	$\frac{9}{305}$	$\frac{37}{305}$	$\frac{1}{5}$	$\frac{134}{305}$	$\Phi_{305}^{4}\ \Phi_{61}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
73317	1216	1215	$\frac{23}{1215}$	$\frac{149}{1215}$	$\frac{341}{1215}$	$\frac{533}{1215}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
73318	1216	609	$\frac{3}{203}$	$\frac{25}{203}$	$\frac{1}{3}$	$\frac{89}{203}$	$\Phi_{609}^{3}\ \Phi_{87}^{3}\ \Phi_{21}^{3}\ \Phi_{3}^{2}$
73319	1216	135	$\frac{1}{45}$	$\frac{17}{135}$	$\frac{11}{45}$	$\frac{59}{135}$	$\Phi_{135}^{8}\ \Phi_{45}^{11}\ \Phi_{27}^{8}\ \Phi_{15}^{11}\ \Phi_{9}^{11}\ \Phi_{5}^{11}\ \Phi_{3}^{11}\ \Phi_{1}^{12}$
73320	1216	135	$\frac{7}{135}$	$\frac{16}{135}$	$\frac{17}{135}$	$\frac{59}{135}$	$\Phi_{135}^{9}\ \Phi_{45}^{9}\ \Phi_{27}^{9}\ \Phi_{15}^{9}\ \Phi_{9}^{9}\ \Phi_{5}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
73321	1216	1071	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{145}{1071}$	$\frac{463}{1071}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}^{2}\ \Phi_{119}\ \Phi_{63}\ \Phi_{51}^{2}\ \Phi_{21}\ \Phi_{17}^{2}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
73322	1216	231	$\frac{1}{77}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{231}^{8}\ \Phi_{33}^{8}\ \Phi_{21}^{7}\ \Phi_{3}^{6}$
73323	1216	1057	$\frac{3}{151}$	$\frac{1}{7}$	$\frac{37}{151}$	$\frac{3}{7}$	$\Phi_{1057}\ \Phi_{151}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
73324	1216	1365	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{195}^{2}\ \Phi_{105}\ \Phi_{65}^{2}\ \Phi_{15}^{2}$
73325	1216	1057	$\frac{7}{151}$	$\frac{18}{151}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1057}\ \Phi_{151}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
73326	1216	1260	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}^{2}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}^{2}$ $\Phi_{84}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{42}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
73327	1216	357	$\frac{1}{17}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{357}^{4}\ \Phi_{119}^{3}\ \Phi_{51}^{4}\ \Phi_{17}^{2}$
73328	1216	561	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{561}^{2}\ \Phi_{187}^{3}\ \Phi_{51}^{2}\ \Phi_{17}^{2}$
73329	1216	261	$\frac{1}{87}$	$\frac{43}{261}$	$\frac{1}{3}$	$\frac{109}{261}$	$\Phi_{261}^{4}\ \Phi_{87}^{6}\ \Phi_{29}^{6}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
73330	1216	1309	$\frac{1}{77}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1309}\ \Phi_{187}\ \Phi_{119}$
73331	1216	2080	$\frac{1}{65}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{260}\ \Phi_{160}\ \Phi_{130}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
73332	1216	1215	$\frac{19}{1215}$	$\frac{229}{1215}$	$\frac{299}{1215}$	$\frac{493}{1215}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
73333	1216	155	$\frac{3}{155}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{155}^{8}\ \Phi_{31}^{8}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
73334	1216	140	$\frac{1}{20}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{140}^{10}\ \Phi_{70}^{10}\ \Phi_{35}^{8}\ \Phi_{28}^{10}\ \Phi_{20}^{4}\ \Phi_{14}^{10}\ \Phi_{10}^{4}\ \Phi_{7}^{8}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
73335	1216	165	$\frac{3}{55}$	$\frac{13}{165}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{165}^{8}\ \Phi_{55}^{6}\ \Phi_{33}^{8}\ \Phi_{15}^{8}\ \Phi_{11}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
73336	1216	429	$\frac{1}{39}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{429}^{3}\ \Phi_{143}^{3}\ \Phi_{39}^{2}\ \Phi_{33}^{2}\ \Phi_{13}^{2}\ \Phi_{11}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
73337	1216	405	$\frac{13}{405}$	$\frac{49}{405}$	$\frac{89}{405}$	$\frac{158}{405}$	$\Phi_{405}^{3}\ \Phi_{135}^{3}\ \Phi_{81}^{3}\ \Phi_{45}^{3}\ \Phi_{27}^{3}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
73338	1216	260	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{260}^{5}\ \Phi_{130}^{5}\ \Phi_{65}^{5}\ \Phi_{52}^{5}\ \Phi_{26}^{5}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
73339	1216	1215	$\frac{59}{1215}$	$\frac{94}{1215}$	$\frac{289}{1215}$	$\frac{463}{1215}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
73340	1216	153	$\frac{5}{153}$	$\frac{1}{9}$	$\frac{37}{153}$	$\frac{58}{153}$	$\Phi_{153}^{8}\ \Phi_{51}^{8}\ \Phi_{17}^{8}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
73341	1216	45	$\frac{1}{45}$	$\frac{7}{45}$	$\frac{11}{45}$	$\frac{17}{45}$	$\Phi_{45}^{27}\ \Phi_{15}^{27}\ \Phi_{9}^{27}\ \Phi_{5}^{27}\ \Phi_{3}^{27}\ \Phi_{1}^{28}$
73342	1216	305	$\frac{1}{61}$	$\frac{1}{5}$	$\frac{15}{61}$	$\frac{23}{61}$	$\Phi_{305}^{5}\ \Phi_{5}^{4}$
73343	1216	1215	$\frac{11}{1215}$	$\frac{301}{1215}$	$\frac{379}{1215}$	$\frac{457}{1215}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
73344	1216	609	$\frac{5}{609}$	$\frac{151}{609}$	$\frac{1}{3}$	$\frac{229}{609}$	$\Phi_{609}^{2}\ \Phi_{203}^{2}\ \Phi_{87}^{2}\ \Phi_{29}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
73345	1216	1560	$\frac{1}{65}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{120}\ \Phi_{78}$ $\Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
73346	1216	243	$\frac{1}{81}$	$\frac{20}{81}$	$\frac{61}{243}$	$\frac{91}{243}$	$\Phi_{243}^{4}\ \Phi_{81}^{7}\ \Phi_{27}^{7}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
73347	1216	390	$\frac{1}{65}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{390}^{5}\ \Phi_{130}^{5}\ \Phi_{78}^{5}\ \Phi_{65}^{4}\ \Phi_{30}^{4}\ \Phi_{26}^{5}\ \Phi_{13}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
73348	1216	945	$\frac{1}{45}$	$\frac{44}{315}$	$\frac{271}{945}$	$\frac{337}{945}$	$\Phi_{945}\ \Phi_{315}^{2}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}^{2}\ \Phi_{63}^{2}\ \Phi_{45}\ \Phi_{35}^{2}\ \Phi_{27}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{9}$ $\Phi_{7}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
73349	1216	459	$\frac{4}{153}$	$\frac{1}{9}$	$\frac{149}{459}$	$\frac{155}{459}$	$\Phi_{459}^{2}\ \Phi_{153}^{4}\ \Phi_{51}^{4}\ \Phi_{27}^{2}\ \Phi_{17}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
73350	1216	915	$\frac{4}{305}$	$\frac{1}{5}$	$\frac{301}{915}$	$\frac{307}{915}$	$\Phi_{915}\ \Phi_{305}^{2}\ \Phi_{183}\ \Phi_{61}^{2}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
73351	1216	153	$\frac{1}{153}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{153}^{8}\ \Phi_{51}^{8}\ \Phi_{17}^{8}\ \Phi_{9}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
73352	1216	909	$\frac{2}{303}$	$\frac{301}{909}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{909}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
73353	1216	303	$\frac{1}{101}$	$\frac{25}{101}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{303}^{3}\ \Phi_{101}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
73354	1216	1155	$\frac{1}{77}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}^2\ \Phi_{165}\ \Phi_{105}\ \Phi_{55}^2\ \Phi_{35}^2$
73355	1216	303	$\frac{7}{303}$	$\frac{37}{303}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{303}^4\ \Phi_{101}^4\ \Phi_3^5\ \Phi_1^6$
73356	1216	117	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{117}^{12}\ \Phi_{39}^8\ \Phi_{13}^8\ \Phi_9^8\ \Phi_3^5\ \Phi_1^6$
73357	1216	231	$\frac{1}{33}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}^6\ \Phi_{77}^6\ \Phi_{33}^2\ \Phi_{21}^4\ \Phi_{11}^2\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
73358	1216	303	$\frac{5}{101}$	$\frac{6}{101}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{303}^3\ \Phi_{101}^6\ \Phi_3^4\ \Phi_1^8$
73359	1216	1020	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}^2\ \Phi_{102}\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{34}^2$
73360	1216	783	$\frac{1}{87}$	$\frac{175}{783}$	$\frac{86}{261}$	$\frac{1}{3}$	$\Phi_{783}^2\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{27}^2\ \Phi_3\ \Phi_1^2$
73361	1216	903	$\frac{6}{301}$	$\frac{1}{7}$	$\frac{295}{903}$	$\frac{1}{3}$	$\Phi_{903}\ \Phi_{301}^2\ \Phi_{129}\ \Phi_{43}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
73362	1216	225	$\frac{2}{75}$	$\frac{1}{9}$	$\frac{73}{225}$	$\frac{1}{3}$	$\Phi_{225}^5\ \Phi_{75}^6\ \Phi_{45}^5\ \Phi_{25}^6\ \Phi_{15}^6\ \Phi_9^7\ \Phi_5^6\ \Phi_3^7\ \Phi_1^8$
73363	1216	441	$\frac{1}{21}$	$\frac{10}{147}$	$\frac{137}{441}$	$\frac{1}{3}$	$\Phi_{441}^4\ \Phi_{63}^4\ \Phi_{21}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
73364	1216	315	$\frac{11}{315}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^3\ \Phi_{45}^4\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_9^3\ \Phi_7^4\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
73365	1216	435	$\frac{1}{29}$	$\frac{14}{145}$	$\frac{131}{435}$	$\frac{1}{3}$	$\Phi_{435}^2\ \Phi_{145}^4\ \Phi_{87}^3\ \Phi_{29}^4\ \Phi_{15}^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
73366	1216	297	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{297}^6\ \Phi_{33}^2\ \Phi_{27}^4\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
73367	1216	585	$\frac{1}{39}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{585}^3\ \Phi_{117}^3\ \Phi_{45}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
73368	1216	2265	$\frac{3}{151}$	$\frac{1}{5}$	$\frac{37}{151}$	$\frac{1}{3}$	$\Phi_{2265}\ \Phi_{15}^2$
73369	1216	609	$\frac{13}{609}$	$\frac{115}{609}$	$\frac{149}{609}$	$\frac{1}{3}$	$\Phi_{609}^2\ \Phi_{203}^2\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
73370	1216	87	$\frac{1}{29}$	$\frac{11}{87}$	$\frac{7}{29}$	$\frac{1}{3}$	$\Phi_{87}^{13}\ \Phi_{29}^{16}\ \Phi_3^{12}\ \Phi_1^{16}$
73371	1216	225	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{6}{25}$	$\frac{1}{3}$	$\Phi_{225}^6\ \Phi_{75}^3\ \Phi_{45}^6\ \Phi_{25}^6\ \Phi_{15}^3\ \Phi_9^8\ \Phi_5^6\ \Phi_3^4\ \Phi_1^8$
73372	1216	21	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{5}{21}$	$\frac{1}{3}$	$\Phi_{21}^{58}\ \Phi_7^{58}\ \Phi_3^{57}\ \Phi_1^{58}$
73373	1216	1860	$\frac{1}{20}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{465}\ \Phi_{372}\ \Phi_{186}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2$
73374	1216	495	$\frac{1}{33}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{495}^3\ \Phi_{165}^3\ \Phi_{55}^3\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
73375	1216	609	$\frac{25}{609}$	$\frac{73}{609}$	$\frac{134}{609}$	$\frac{1}{3}$	$\Phi_{609}^2\ \Phi_{203}^2\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
73376	1216	264	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{264}^6\ \Phi_{132}^6\ \Phi_{88}^6\ \Phi_{44}^6\ \Phi_{33}^2\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
73377	1216	195	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{195}^6\ \Phi_{65}^6\ \Phi_{39}^8\ \Phi_{15}^3\ \Phi_{13}^8\ \Phi_5^6\ \Phi_3^4\ \Phi_1^8$
73378	1216	2265	$\frac{7}{151}$	$\frac{18}{151}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2265}\ \Phi_{15}^2$
73379	1216	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^4\ \Phi_{45}^6\ \Phi_{36}^8\ \Phi_{30}^4\ \Phi_{20}^8\ \Phi_{18}^8\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_{10}^8\ \Phi_9^8\ \Phi_6^4\ \Phi_5^6\ \Phi_4^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
73380	1216	1785	$\frac{1}{17}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{85}$
73381	1216	2175	$\frac{1}{29}$	$\frac{117}{725}$	$\frac{28}{145}$	$\frac{1}{3}$	$\Phi_{2175}\ \Phi_{87}\ \Phi_{75}$
73382	1216	735	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{127}{735}$	$\frac{1}{3}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
73383	1216	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{7}{45}$	$\frac{1}{3}$	$\Phi_{45}^{26}\ \Phi_{15}^{28}\ \Phi_9^{28}\ \Phi_5^{28}\ \Phi_3^{29}\ \Phi_1^{30}$
73384	1216	105	$\frac{3}{35}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{105}^{12}\ \Phi_{35}^{14}\ \Phi_{21}^7\ \Phi_{15}^{12}\ \Phi_7^8\ \Phi_5^{14}\ \Phi_3^6\ \Phi_1^8$
73385	1216	495	$\frac{13}{165}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{495}^3\ \Phi_{165}^2\ \Phi_{99}^3\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
73386	1216	87	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{11}{87}$	$\frac{1}{3}$	$\Phi_{87}^{14}\ \Phi_{29}^{14}\ \Phi_3^{13}\ \Phi_1^{14}$
73387	1216	63	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{63}^{21}\ \Phi_{21}^{22}\ \Phi_9^7\ \Phi_7^{22}\ \Phi_3^7\ \Phi_1^8$
73388	1216	225	$\frac{2}{75}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{73}{225}$	$\Phi_{225}^8\ \Phi_{45}^8\ \Phi_9^8\ \Phi_5^3\ \Phi_1^4$
73389	1216	189	$\frac{2}{63}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{61}{189}$	$\Phi_{189}^5\ \Phi_{63}^9\ \Phi_{27}^6\ \Phi_{21}^9\ \Phi_9^9\ \Phi_7^9\ \Phi_3^9\ \Phi_1^{10}$
73390	1216	1683	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{1683}\ \Phi_{187}\ \Phi_{153}$
73391	1216	189	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{5}{21}$	$\frac{8}{27}$	$\Phi_{189}^9\ \Phi_{27}^{10}\ \Phi_{21}^3\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
73392	1216	2295	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{2295}\ \Phi_{85}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
73393	1216	945	$\frac{3}{35}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{27}$	$\Phi_{945}^{2}\ \Phi_{189}\ \Phi_{135}^{2}\ \Phi_{35}^{2}\ \Phi_{27}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
73394	1216	27	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{27}^{64}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
73395	1216	180	$\frac{1}{20}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{45}^{8}\ \Phi_{36}^{10}\ \Phi_{20}^{4}\ \Phi_{18}^{10}\ \Phi_{10}^{4}\ \Phi_{9}^{8}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
73396	1216	45	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{7}{45}$	$\frac{13}{45}$	$\Phi_{45}^{25}\ \Phi_{15}^{31}\ \Phi_{9}^{25}\ \Phi_{5}^{31}\ \Phi_{3}^{31}\ \Phi_{1}^{32}$
73397	1216	1785	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{51}$
73398	1216	315	$\frac{11}{315}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{315}^{4}\ \Phi_{105}^{4}\ \Phi_{63}^{4}\ \Phi_{45}^{4}\ \Phi_{35}^{4}\ \Phi_{21}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
73399	1216	300	$\frac{1}{20}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{300}^{5}\ \Phi_{150}^{5}\ \Phi_{100}^{5}\ \Phi_{75}^{4}\ \Phi_{50}^{5}\ \Phi_{25}^{4}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
73400	1216	81	$\frac{5}{81}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{81}^{16}\ \Phi_{27}^{12}\ \Phi_{9}^{15}\ \Phi_{3}^{15}\ \Phi_{1}^{16}$
73401	1216	153	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{4}{17}$	$\frac{13}{51}$	$\Phi_{153}^{9}\ \Phi_{51}^{5}\ \Phi_{17}^{8}\ \Phi_{9}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
73402	1216	405	$\frac{1}{45}$	$\frac{11}{45}$	$\frac{101}{405}$	$\frac{34}{135}$	$\Phi_{405}^{4}\ \Phi_{81}^{4}\ \Phi_{45}^{3}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
73403	1216	25	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{6}{25}$	$\Phi_{25}^{48}\ \Phi_{5}^{51}\ \Phi_{1}^{52}$
73404	1216	405	$\frac{17}{405}$	$\frac{77}{405}$	$\frac{82}{405}$	$\frac{97}{405}$	$\Phi_{405}^{3}\ \Phi_{135}^{3}\ \Phi_{81}^{3}\ \Phi_{45}^{3}\ \Phi_{27}^{3}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
73405	1216	305	$\frac{13}{305}$	$\frac{58}{305}$	$\frac{1}{5}$	$\frac{73}{305}$	$\Phi_{305}^{4}\ \Phi_{61}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
73406	1216	168	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{5}{21}$	$\Phi_{168}^{9}\ \Phi_{84}^{9}\ \Phi_{56}^{9}\ \Phi_{28}^{9}\ \Phi_{24}^{10}\ \Phi_{21}^{3}\ \Phi_{12}^{10}\ \Phi_{8}^{10}\ \Phi_{7}^{3}\ \Phi_{4}^{10}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
73407	1216	99	$\frac{7}{99}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{23}{99}$	$\Phi_{99}^{12}\ \Phi_{33}^{12}\ \Phi_{11}^{12}\ \Phi_{9}^{15}\ \Phi_{3}^{15}\ \Phi_{1}^{16}$
73408	1216	45	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{7}{45}$	$\frac{2}{9}$	$\Phi_{45}^{32}\ \Phi_{15}^{32}\ \Phi_{9}^{7}\ \Phi_{5}^{32}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
73409	1216	81	$\frac{5}{81}$	$\frac{13}{81}$	$\frac{16}{81}$	$\frac{17}{81}$	$\Phi_{81}^{15}\ \Phi_{27}^{15}\ \Phi_{9}^{15}\ \Phi_{3}^{15}\ \Phi_{1}^{16}$
73410	1216	2040	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{340}\ \Phi_{85}$
73411	1216	840	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{168}\ \Phi_{140}^{2}\ \Phi_{120}^{2}\ \Phi_{84}\ \Phi_{60}^{2}\ \Phi_{56}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{28}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
73412	1216	72	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{72}^{21}\ \Phi_{36}^{21}\ \Phi_{24}^{22}\ \Phi_{12}^{22}\ \Phi_{9}^{7}\ \Phi_{8}^{22}\ \Phi_{4}^{22}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
73413	1216	20	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{20}^{64}\ \Phi_{10}^{64}\ \Phi_{5}^{51}\ \Phi_{4}^{64}\ \Phi_{2}^{64}\ \Phi_{1}^{52}$
73414	1216	375	$\frac{4}{75}$	$\frac{71}{375}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{375}^{4}\ \Phi_{125}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
73415	1216	325	$\frac{21}{325}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{325}^{4}\ \Phi_{65}^{4}\ \Phi_{13}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
73416	1216	45	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{45}^{32}\ \Phi_{15}^{16}\ \Phi_{9}^{32}\ \Phi_{5}^{19}\ \Phi_{3}^{16}\ \Phi_{1}^{20}$
73417	1216	165	$\frac{13}{165}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{165}^{8}\ \Phi_{55}^{8}\ \Phi_{33}^{8}\ \Phi_{11}^{8}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
73418	1216	175	$\frac{2}{25}$	$\frac{23}{175}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{175}^{8}\ \Phi_{35}^{8}\ \Phi_{7}^{8}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
73419	1217	1464	$\frac{3}{244}$	$\frac{247}{1464}$	$\frac{1}{4}$	$\frac{241}{488}$	$\Phi_{1464}\ \Phi_{732}\ \Phi_{366}\ \Phi_{244}\ \Phi_{183}\ \Phi_{122}\ \Phi_{61}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
73420	1217	2400	$\frac{17}{1200}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1183}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
73421	1217	2400	$\frac{17}{1200}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1183}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
73422	1217	2304	$\frac{1}{64}$	$\frac{65}{1152}$	$\frac{1087}{2304}$	$\frac{63}{128}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{128}\ \Phi_{1}$
73423	1217	1536	$\frac{1}{64}$	$\frac{65}{384}$	$\frac{319}{1536}$	$\frac{63}{128}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{1}$
73424	1217	1632	$\frac{7}{408}$	$\frac{1}{8}$	$\frac{415}{1632}$	$\frac{401}{816}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{96}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{32}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
73425	1217	1360	$\frac{7}{136}$	$\frac{143}{1360}$	$\frac{1}{8}$	$\frac{129}{272}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{80}\ \Phi_{68}\ \Phi_{40}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
73426	1217	2304	$\frac{1}{32}$	$\frac{65}{1152}$	$\frac{31}{96}$	$\frac{1087}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
73427	1217	2304	$\frac{65}{1152}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1087}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
73428	1217	2280	$\frac{1}{38}$	$\frac{77}{1140}$	$\frac{37}{114}$	$\frac{1063}{2280}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{152}\ \Phi_{120}\ \Phi_{114}\ \Phi_{57}\ \Phi_{40}\ \Phi_{24}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
73429	1217	2280	$\frac{1}{19}$	$\frac{77}{1140}$	$\frac{18}{95}$	$\frac{1063}{2280}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{40}\ \Phi_{24}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
73430	1217	1482	$\frac{1}{19}$	$\frac{18}{247}$	$\frac{265}{1482}$	$\frac{229}{494}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{247}\ \Phi_{114}\ \Phi_{78}\ \Phi_{57}\ \Phi_{39}\ \Phi_{13}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
73431	1217	1664	$\frac{1}{32}$	$\frac{31}{416}$	$\frac{447}{1664}$	$\frac{385}{832}$	$\Phi_{1664}\ \Phi_{416}\ \Phi_{208}\ \Phi_{128}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
73432	1217	1408	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{191}{1408}$	$\frac{161}{352}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{176}\ \Phi_{128}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
73433	1217	2240	$\frac{1}{16}$	$\frac{97}{1120}$	$\frac{15}{112}$	$\frac{1023}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
73434	1217	1672	$\frac{1}{38}$	$\frac{37}{418}$	$\frac{455}{1672}$	$\frac{381}{836}$	$\Phi_{1672}\ \Phi_{418}\ \Phi_{209}\ \Phi_{152}\ \Phi_{88}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
73435	1217	1296	$\frac{79}{1296}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{144}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
73436	1217	2176	$\frac{7}{136}$	$\frac{129}{1088}$	$\frac{1}{8}$	$\frac{959}{2176}$	$\Phi_{2176}\ \Phi_{136}\ \Phi_{128}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_1$
73437	1217	1344	$\frac{1}{16}$	$\frac{127}{1344}$	$\frac{15}{112}$	$\frac{97}{224}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
73438	1217	1240	$\frac{23}{1240}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{248}\ \Phi_{155}\ \Phi_{124}\ \Phi_{62}\ \Phi_{31}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
73439	1217	2112	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{161}{1056}$	$\frac{895}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{176}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
73440	1217	2048	$\frac{1}{64}$	$\frac{193}{1024}$	$\frac{63}{256}$	$\frac{831}{2048}$	$\Phi_{2048}\ \Phi_{256}\ \Phi_{128}\ \Phi_1$
73441	1217	1330	$\frac{1}{19}$	$\frac{113}{1330}$	$\frac{18}{95}$	$\frac{77}{190}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{266}\ \Phi_{133}\ \Phi_{95}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}\ \Phi_7\ \Phi_5\ \Phi_1$
73442	1217	1976	$\frac{1}{19}$	$\frac{18}{247}$	$\frac{229}{988}$	$\frac{759}{1976}$	$\Phi_{1976}\ \Phi_{247}\ \Phi_{152}\ \Phi_{104}\ \Phi_{13}\ \Phi_8\ \Phi_1$
73443	1217	1536	$\frac{1}{64}$	$\frac{319}{1536}$	$\frac{63}{256}$	$\frac{193}{512}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
73444	1217	1952	$\frac{3}{244}$	$\frac{241}{976}$	$\frac{1}{4}$	$\frac{735}{1952}$	$\Phi_{1952}\ \Phi_{244}\ \Phi_{122}\ \Phi_{61}\ \Phi_{32}\ \Phi_1$
73445	1217	1920	$\frac{1}{64}$	$\frac{63}{320}$	$\frac{257}{960}$	$\frac{703}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
73446	1217	1248	$\frac{31}{1248}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{32}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
73447	1217	1344	$\frac{1}{32}$	$\frac{127}{1344}$	$\frac{31}{96}$	$\frac{65}{192}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
73448	1217	1368	$\frac{1}{38}$	$\frac{151}{1368}$	$\frac{37}{114}$	$\frac{77}{228}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{171}\ \Phi_{152}\ \Phi_{114}\ \Phi_{72}\ \Phi_{57}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
73449	1217	1824	$\frac{1}{152}$	$\frac{151}{456}$	$\frac{607}{1824}$	$\frac{305}{912}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}\ \Phi_{57}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
73450	1217	1710	$\frac{1}{38}$	$\frac{77}{570}$	$\frac{493}{1710}$	$\frac{37}{114}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{90}\ \Phi_{57}\ \Phi_{45}\ \Phi_{18}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
73451	1217	1800	$\frac{17}{600}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{583}{1800}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
73452	1217	1800	$\frac{17}{600}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{583}{1800}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
73453	1217	1728	$\frac{1}{32}$	$\frac{65}{576}$	$\frac{511}{1728}$	$\frac{31}{96}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
73454	1217	1440	$\frac{1}{32}$	$\frac{223}{1440}$	$\frac{65}{288}$	$\frac{31}{96}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
73455	1217	1536	$\frac{1}{32}$	$\frac{65}{384}$	$\frac{319}{1536}$	$\frac{31}{96}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
73456	1217	1584	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{367}{1584}$	$\frac{161}{528}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
73457	1217	1728	$\frac{7}{72}$	$\frac{65}{576}$	$\frac{1}{8}$	$\frac{511}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
73458	1217	1440	$\frac{17}{240}$	$\frac{1}{8}$	$\frac{223}{1440}$	$\frac{7}{24}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
73459	1217	1320	$\frac{103}{1320}$	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{7}{24}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
73460	1217	1710	$\frac{1}{19}$	$\frac{77}{570}$	$\frac{18}{95}$	$\frac{493}{1710}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{342}\ \Phi_{171}\ \Phi_{95}\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}\ \Phi_9\ \Phi_5\ \Phi_1$
73461	1217	1260	$\frac{43}{1260}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{18}\ \Phi_{14}\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
73462	1217	1680	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{97}{560}$	$\frac{463}{1680}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
73463	1217	1425	$\frac{1}{19}$	$\frac{208}{1425}$	$\frac{18}{95}$	$\frac{77}{285}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{95}\ \Phi_{75}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}$
73464	1217	1632	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{129}{544}$	$\frac{415}{1632}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{96}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
73465	1217	1600	$\frac{17}{400}$	$\frac{3}{20}$	$\frac{383}{1600}$	$\frac{1}{4}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{320}\ \Phi_{160}\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
73466	1217	1280	$\frac{63}{1280}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
73467	1217	1500	$\frac{17}{300}$	$\frac{3}{20}$	$\frac{283}{1500}$	$\frac{1}{4}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
73468	1217	1300	$\frac{83}{1300}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{325}\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
73469	1217	1440	$\frac{17}{240}$	$\frac{3}{20}$	$\frac{223}{1440}$	$\frac{1}{4}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
73470	1217	1320	$\frac{103}{1320}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
73471	1217	1400	$\frac{17}{200}$	$\frac{183}{1400}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{175}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
73472	1217	1440	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{223}{1440}$	$\frac{65}{288}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
73473	1217	1520	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{303}{1520}$	$\frac{77}{380}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{304}\ \Phi_{152}\ \Phi_{95}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
73474	1218	2020	$\frac{1}{202}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{201}{404}$	$\Phi_{2020}\ \Phi_{404}^2\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
73475	1218	1212	$\frac{1}{202}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{201}{404}$	$\Phi_{1212}\ \Phi_{606}^2\ \Phi_{303}^2\ \Phi_{12}^2\ \Phi_{6}^3\ \Phi_{3}^2$
73476	1218	2076	$\frac{1}{173}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{86}{173}$	$\Phi_{2076}\ \Phi_{692}\ \Phi_{173}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
73477	1218	1557	$\frac{1}{173}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{86}{173}$	$\Phi_{1557}\ \Phi_{173}\ \Phi_{9}^2\ \Phi_{1}^2$
73478	1218	3630	$\frac{4}{605}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{601}{1210}$	$\Phi_{3630}\ \Phi_{726}\ \Phi_{330}\ \Phi_{66}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
73479	1218	732	$\frac{1}{122}$	$\frac{41}{244}$	$\frac{1}{3}$	$\frac{121}{244}$	$\Phi_{732}^2\ \Phi_{366}^3\ \Phi_{183}^3\ \Phi_{12}^2\ \Phi_{6}^3\ \Phi_{3}^2$
73480	1218	2814	$\frac{2}{201}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{199}{402}$	$\Phi_{2814}\ \Phi_{938}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
73481	1218	2236	$\frac{1}{86}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{85}{172}$	$\Phi_{2236}\ \Phi_{172}^2\ \Phi_{52}\ \Phi_{13}\ \Phi_{4}^2\ \Phi_{1}^2$
73482	1218	1032	$\frac{1}{86}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{85}{172}$	$\Phi_{1032}^2\ \Phi_{516}\ \Phi_{258}^2\ \Phi_{129}^2\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_{6}^3\ \Phi_{3}^2$
73483	1218	1904	$\frac{1}{68}$	$\frac{1}{7}$	$\frac{69}{272}$	$\frac{67}{136}$	$\Phi_{1904}\ \Phi_{476}\ \Phi_{238}\ \Phi_{119}\ \Phi_{112}\ \Phi_{28}\ \Phi_{14}$
73484	1218	1200	$\frac{3}{200}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{197}{400}$	$\Phi_{1200}^3\ \Phi_{240}^3\ \Phi_{48}^3\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
73485	1218	2800	$\frac{3}{200}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{197}{400}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{112}\ \Phi_{28}\ \Phi_{14}$
73486	1218	2280	$\frac{1}{57}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{28}{57}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{152}\ \Phi_{120}\ \Phi_{57}\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{19}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
73487	1218	570	$\frac{1}{57}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{28}{57}$	$\Phi_{570}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{19}^3\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_{6}^2\ \Phi_{5}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
73488	1218	456	$\frac{1}{57}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{28}{57}$	$\Phi_{456}^3\ \Phi_{228}^2\ \Phi_{152}^3\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{24}^3\ \Phi_{19}^3\ \Phi_{12}^2\ \Phi_{8}^6\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
73489	1218	1425	$\frac{1}{57}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{28}{57}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{75}\ \Phi_{57}\ \Phi_{25}^2\ \Phi_{19}\ \Phi_{3}\ \Phi_{1}^2$
73490	1218	680	$\frac{2}{85}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{83}{170}$	$\Phi_{680}^2\ \Phi_{340}^2\ \Phi_{136}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{17}^2\ \Phi_{10}\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
73491	1218	1217	$\frac{29}{1217}$	$\frac{89}{1217}$	$\frac{376}{1217}$	$\frac{594}{1217}$	$\Phi_{1217}\ \Phi_{1}^2$
73492	1218	2296	$\frac{1}{41}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{20}{41}$	$\Phi_{2296}\ \Phi_{328}\ \Phi_{56}^2\ \Phi_{41}\ \Phi_{8}^2\ \Phi_{1}^2$
73493	1218	1722	$\frac{1}{41}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{20}{41}$	$\Phi_{1722}\ \Phi_{861}\ \Phi_{246}\ \Phi_{123}\ \Phi_{42}^2\ \Phi_{41}\ \Phi_{21}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
73494	1218	1312	$\frac{1}{41}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{20}{41}$	$\Phi_{1312}\ \Phi_{656}\ \Phi_{328}\ \Phi_{41}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
73495	1218	1435	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{20}{41}$	$\Phi_{1435}\ \Phi_{205}\ \Phi_{41}\ \Phi_{35}^2\ \Phi_{5}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
73496	1218	396	$\frac{5}{198}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{193}{396}$	$\Phi_{396}^2\ \Phi_{198}^4\ \Phi_{132}^2\ \Phi_{99}^4\ \Phi_{66}^4\ \Phi_{44}^3\ \Phi_{36}^2\ \Phi_{33}^4\ \Phi_{22}^5\ \Phi_{18}^4\ \Phi_{12}^2\ \Phi_{11}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
73497	1218	2772	$\frac{5}{198}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{193}{396}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{308}\ \Phi_{252}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
73498	1218	444	$\frac{1}{37}$	$\frac{19}{222}$	$\frac{1}{4}$	$\frac{18}{37}$	$\Phi_{444}^4\ \Phi_{222}^2\ \Phi_{148}^3\ \Phi_{111}^2\ \Phi_{74}\ \Phi_{37}^2\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
73499	1218	280	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{6}{35}$	$\frac{17}{35}$	$\Phi_{280}^5\ \Phi_{140}^5\ \Phi_{70}^5\ \Phi_{56}^5\ \Phi_{40}^5\ \Phi_{28}^5\ \Phi_{20}^5\ \Phi_{14}^5\ \Phi_{10}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4$
73500	1218	1217	$\frac{37}{1217}$	$\frac{144}{1217}$	$\frac{209}{1217}$	$\frac{590}{1217}$	$\Phi_{1217}\ \Phi_1^2$
73501	1218	1628	$\frac{13}{407}$	$\frac{30}{407}$	$\frac{1}{4}$	$\frac{197}{407}$	$\Phi_{1628}\ \Phi_{814}\ \Phi_{148}\ \Phi_{74}\ \Phi_{44}\ \Phi_{22}$
73502	1218	1848	$\frac{1}{28}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{1848}^2\ \Phi_{264}^2\ \Phi_{168}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_6$
73503	1218	2296	$\frac{1}{28}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{27}{56}$	$\Phi_{2296}\ \Phi_{328}\ \Phi_{56}^2\ \Phi_{41}\ \Phi_8^2\ \Phi_1^2$
73504	1218	840	$\frac{1}{28}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{60}\ \Phi_{40}^3\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
73505	1218	2296	$\frac{1}{28}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{27}{56}$	$\Phi_{2296}\ \Phi_{328}\ \Phi_{56}^2\ \Phi_{41}\ \Phi_8^2\ \Phi_1^2$
73506	1218	56	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{27}{56}$	$\Phi_{56}^{19}\ \Phi_{28}^{25}\ \Phi_{14}^{25}\ \Phi_8^{18}\ \Phi_7^{24}\ \Phi_4^{24}\ \Phi_2^{24}\ \Phi_1^{24}$
73507	1218	200	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{13}{100}$	$\frac{12}{25}$	$\Phi_{200}^7\ \Phi_{100}^5\ \Phi_{50}^5\ \Phi_{40}^7\ \Phi_{25}^6\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_8^6\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
73508	1218	120	$\frac{1}{30}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{120}^{19}\ \Phi_{40}^{20}\ \Phi_{30}^2\ \Phi_{24}^{19}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^{20}\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
73509	1218	760	$\frac{1}{20}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{19}{40}$	$\Phi_{760}^3\ \Phi_{152}^3\ \Phi_{40}^4\ \Phi_{38}^2\ \Phi_{19}\ \Phi_8^4\ \Phi_2^2\ \Phi_1^2$
73510	1218	2688	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{181}{384}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
73511	1218	2322	$\frac{1}{43}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{2322}\ \Phi_{774}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}$
73512	1218	559	$\frac{1}{43}$	$\frac{1}{13}$	$\frac{14}{43}$	$\frac{6}{13}$	$\Phi_{559}^2\ \Phi_{43}^4\ \Phi_{13}^3\ \Phi_1^6$
73513	1218	780	$\frac{1}{30}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{780}^2\ \Phi_{390}\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}^4\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
73514	1218	1512	$\frac{13}{216}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
73515	1218	2618	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{1}{7}$	$\frac{171}{374}$	$\Phi_{2618}\ \Phi_{238}\ \Phi_{154}\ \Phi_{119}\ \Phi_{14}$
73516	1218	480	$\frac{1}{15}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{160}$	$\Phi_{480}^5\ \Phi_{160}^4\ \Phi_{120}\ \Phi_{96}^5\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}^4\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
73517	1218	836	$\frac{6}{209}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{836}^2\ \Phi_{418}^2\ \Phi_{76}^2\ \Phi_{44}\ \Phi_{38}^2\ \Phi_{22}$
73518	1218	1217	$\frac{23}{1217}$	$\frac{117}{1217}$	$\frac{398}{1217}$	$\frac{550}{1217}$	$\Phi_{1217}\ \Phi_1^2$
73519	1218	740	$\frac{1}{37}$	$\frac{18}{185}$	$\frac{1}{4}$	$\frac{167}{370}$	$\Phi_{740}^2\ \Phi_{185}^2\ \Phi_{148}^3\ \Phi_{74}\ \Phi_{37}^2\ \Phi_{20}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
73520	1218	1860	$\frac{11}{620}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{465}\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
73521	1218	1720	$\frac{1}{43}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1720}\ \Phi_{430}\ \Phi_{344}\ \Phi_{215}\ \Phi_{86}$
73522	1218	366	$\frac{1}{61}$	$\frac{20}{183}$	$\frac{1}{3}$	$\frac{163}{366}$	$\Phi_{366}^6\ \Phi_{183}\ \Phi_{122}^6\ \Phi_6^6\ \Phi_2^6$
73523	1218	1290	$\frac{1}{30}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{430}\ \Phi_{258}\ \Phi_{215}\ \Phi_{129}\ \Phi_{86}$
73524	1218	480	$\frac{1}{15}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{480}^3\ \Phi_{240}^2\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^2\ \Phi_{60}^3\ \Phi_{48}^2\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^2\ \Phi_3^2$
73525	1218	2310	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{154}$	$\Phi_{2310}\ \Phi_{770}\ \Phi_{462}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{110}\ \Phi_{70}\ \Phi_{66}\ \Phi_{55}\ \Phi_{42}\ \Phi_{33}\ \Phi_{30}\ \Phi_{10}\ \Phi_6$
73526	1218	1217	$\frac{34}{1217}$	$\frac{169}{1217}$	$\frac{231}{1217}$	$\frac{524}{1217}$	$\Phi_{1217}\ \Phi_1^2$
73527	1218	1628	$\frac{8}{407}$	$\frac{57}{407}$	$\frac{1}{4}$	$\frac{175}{407}$	$\Phi_{1628}\ \Phi_{814}\ \Phi_{148}\ \Phi_{74}\ \Phi_{44}\ \Phi_{22}$
73528	1218	728	$\frac{4}{91}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{728}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{104}^2\ \Phi_{56}\ \Phi_{52}^2\ \Phi_{28}\ \Phi_{26}^2\ \Phi_{14}$
73529	1218	2150	$\frac{1}{43}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{2150}\ \Phi_{430}\ \Phi_{215}\ \Phi_{86}$
73530	1218	200	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{21}{50}$	$\Phi_{200}^7\ \Phi_{100}^7\ \Phi_{50}\ \Phi_{40}^7\ \Phi_{25}^6\ \Phi_{20}^7\ \Phi_{10}\ \Phi_8^6\ \Phi_5^6\ \Phi_4^6\ \Phi_1^6$
73531	1218	264	$\frac{1}{88}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{264}^5\ \Phi_{132}^5\ \Phi_{88}^4\ \Phi_{66}^5\ \Phi_{44}^4\ \Phi_{33}^5\ \Phi_{24}^5\ \Phi_{22}^4\ \Phi_{12}^3\ \Phi_{11}^4\ \Phi_8^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
73532	1218	2076	$\frac{2}{173}$	$\frac{1}{6}$	$\frac{57}{173}$	$\frac{5}{12}$	$\Phi_{2076}\ \Phi_{692}\ \Phi_{173}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
73533	1218	708	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{708}\ \Phi_{354}^2\ \Phi_{236}^2\ \Phi_{177}^2\ \Phi_{118}^3\ \Phi_{59}^2$
73534	1218	1548	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1548}\ \Phi_{774}\ \Phi_{387}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}$
73535	1218	2076	$\frac{5}{173}$	$\frac{28}{173}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2076}\ \Phi_{692}\ \Phi_{173}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
73536	1218	420	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}^6\ \Phi_{210}\ \Phi_{140}^6\ \Phi_{105}\ \Phi_{84}^5\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}^5\ \Phi_{21}\ \Phi_{14}$
73537	1218	2380	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{33}{170}$	$\frac{137}{340}$	$\Phi_{2380}\ \Phi_{476}\ \Phi_{238}\ \Phi_{140}\ \Phi_{119}\ \Phi_{28}\ \Phi_{14}$
73538	1218	1515	$\frac{1}{101}$	$\frac{1}{5}$	$\frac{100}{303}$	$\frac{2}{5}$	$\Phi_{1515}\ \Phi_{303}^2\ \Phi_{15}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
73539	1218	440	$\frac{1}{88}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{88}^2\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{40}^3\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{11}^2\ \Phi_{10}\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
73540	1218	505	$\frac{3}{101}$	$\frac{14}{101}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{505}^2\ \Phi_{101}^4\ \Phi_5^3\ \Phi_1^6$
73541	1218	120	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^{11}\ \Phi_{30}^6\ \Phi_{24}^{12}\ \Phi_{20}^{11}\ \Phi_{15}^6\ \Phi_{12}^{12}\ \Phi_{10}^5\ \Phi_8^{10}\ \Phi_6^6\ \Phi_5^6\ \Phi_4^{10}\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
73542	1218	2064	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{2064}\ \Phi_{688}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}$
73543	1218	280	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{17}{70}$	$\frac{53}{140}$	$\Phi_{280}^5\ \Phi_{140}^3\ \Phi_{70}^5\ \Phi_{56}^5\ \Phi_{40}^5\ \Phi_{35}^4\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^5\ \Phi_{10}^5\ \Phi_8^4\ \Phi_7^4\ \Phi_5^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
73544	1218	2928	$\frac{1}{122}$	$\frac{121}{488}$	$\frac{1}{3}$	$\frac{367}{976}$	$\Phi_{2928}\ \Phi_{366}\ \Phi_{183}\ \Phi_{48}\ \Phi_6$
73545	1218	1456	$\frac{5}{208}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{112}\ \Phi_{91}\ \Phi_{28}\ \Phi_{14}$
73546	1218	1217	$\frac{27}{1217}$	$\frac{170}{1217}$	$\frac{349}{1217}$	$\frac{434}{1217}$	$\Phi_{1217}\ \Phi_1^2$
73547	1218	1290	$\frac{1}{30}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{430}\ \Phi_{258}\ \Phi_{215}\ \Phi_{129}\ \Phi_{86}$
73548	1218	660	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{660}^3\ \Phi_{330}\ \Phi_{220}^3\ \Phi_{165}\ \Phi_{132}^3\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}^3\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_6$
73549	1218	1217	$\frac{38}{1217}$	$\frac{115}{1217}$	$\frac{393}{1217}$	$\frac{412}{1217}$	$\Phi_{1217}\ \Phi_1^2$
73550	1218	1400	$\frac{4}{175}$	$\frac{1}{8}$	$\frac{57}{175}$	$\frac{59}{175}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{200}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{56}\ \Phi_{50}\ \Phi_{40}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
73551	1218	2142	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{50}{153}$	$\frac{103}{306}$	$\Phi_{2142}\ \Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{126}\ \Phi_{119}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
73552	1218	792	$\frac{1}{88}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{99}^2\ \Phi_{72}^2\ \Phi_{66}\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
73553	1218	1212	$\frac{1}{101}$	$\frac{1}{4}$	$\frac{100}{303}$	$\frac{1}{3}$	$\Phi_{1212}\ \Phi_{606}\ \Phi_{404}^2\ \Phi_{202}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
73554	1218	1557	$\frac{2}{173}$	$\frac{2}{9}$	$\frac{57}{173}$	$\frac{1}{3}$	$\Phi_{1557}\ \Phi_{173}\ \Phi_9^2\ \Phi_1^2$
73555	1218	732	$\frac{1}{61}$	$\frac{41}{244}$	$\frac{20}{61}$	$\frac{1}{3}$	$\Phi_{732}^3\ \Phi_{366}^3\ \Phi_{183}\ \Phi_{12}^3\ \Phi_6^3$
73556	1218	1032	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{14}{43}$	$\frac{1}{3}$	$\Phi_{1032}^2\ \Phi_{516}^2\ \Phi_{258}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3$
73557	1218	300	$\frac{3}{100}$	$\frac{1}{10}$	$\frac{97}{300}$	$\frac{1}{3}$	$\Phi_{300}^3\ \Phi_{150}^3\ \Phi_{100}^6\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^6\ \Phi_{30}^4\ \Phi_{25}^6\ \Phi_{20}^6\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
73558	1218	1830	$\frac{19}{610}$	$\frac{59}{610}$	$\frac{197}{610}$	$\frac{1}{3}$	$\Phi_{1830}\ \Phi_{915}\ \Phi_{366}\ \Phi_{183}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
73559	1218	462	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}^3\ \Phi_{42}\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{11}^4\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
73560	1218	30	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{30}^{40}\ \Phi_{15}^{40}\ \Phi_{10}^{42}\ \Phi_6^{40}\ \Phi_5^{42}\ \Phi_3^{39}\ \Phi_2^{42}\ \Phi_1^{42}$
73561	1218	366	$\frac{3}{122}$	$\frac{17}{122}$	$\frac{35}{122}$	$\frac{1}{3}$	$\Phi_{366}^5\ \Phi_{183}^5\ \Phi_6^5\ \Phi_3^4$
73562	1218	2124	$\frac{1}{59}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2124}\ \Phi_{1062}\ \Phi_{236}\ \Phi_{118}$
73563	1218	1212	$\frac{3}{101}$	$\frac{14}{101}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1212}^2\ \Phi_{606}^2\ \Phi_{12}^3\ \Phi_6^3$
73564	1218	120	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^{12}\ \Phi_{60}^8\ \Phi_{40}^{12}\ \Phi_{30}^{10}\ \Phi_{24}^9\ \Phi_{20}^8\ \Phi_{15}^{10}\ \Phi_{12}^6\ \Phi_{10}^{10}\ \Phi_8^{12}\ \Phi_6^8\ \Phi_5^{10}\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
73565	1218	1056	$\frac{1}{22}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{264}^2\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_6$
73566	1218	2400	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{191}{800}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{480}\ \Phi_{240}\ \Phi_{96}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
73567	1218	1920	$\frac{31}{640}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
73568	1218	1548	$\frac{1}{43}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1548}\ \Phi_{774}\ \Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}$
73569	1218	1557	$\frac{5}{173}$	$\frac{28}{173}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1557}\ \Phi_{173}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
73570	1218	630	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}\ \Phi_{126}^{3}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}^{2}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
73571	1218	150	$\frac{1}{30}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{150}^{10}\ \Phi_{75}^{9}\ \Phi_{50}^{10}\ \Phi_{30}^{2}\ \Phi_{25}^{10}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
73572	1218	660	$\frac{4}{55}$	$\frac{17}{220}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{165}^{2}\ \Phi_{132}^{3}\ \Phi_{66}^{3}\ \Phi_{60}^{3}\ \Phi_{33}^{2}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
73573	1218	750	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{47}{250}$	$\frac{1}{3}$	$\Phi_{750}^{3}\ \Phi_{375}^{3}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
73574	1218	1950	$\frac{41}{650}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{390}\ \Phi_{195}\ \Phi_{78}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
73575	1218	2310	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{6}$
73576	1218	240	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{37}{240}$	$\frac{1}{3}$	$\Phi_{240}^{6}\ \Phi_{120}^{3}\ \Phi_{80}^{6}\ \Phi_{60}^{3}\ \Phi_{48}^{6}\ \Phi_{40}^{6}\ \Phi_{30}^{4}\ \Phi_{24}^{3}\ \Phi_{20}^{6}\ \Phi_{16}^{6}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
73577	1218	660	$\frac{17}{220}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{3}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{165}^{3}\ \Phi_{132}^{3}\ \Phi_{66}^{3}\ \Phi_{33}^{3}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
73578	1218	300	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{13}{100}$	$\frac{1}{3}$	$\Phi_{300}^{6}\ \Phi_{150}^{6}\ \Phi_{75}^{6}\ \Phi_{60}^{6}\ \Phi_{30}^{7}\ \Phi_{15}^{7}\ \Phi_{12}^{6}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
73579	1218	2100	$\frac{3}{100}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{97}{300}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
73580	1218	600	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{17}{75}$	$\frac{8}{25}$	$\Phi_{600}^{3}\ \Phi_{300}^{3}\ \Phi_{200}\ \Phi_{150}^{3}\ \Phi_{120}^{3}\ \Phi_{100}\ \Phi_{60}^{3}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}\ \Phi_{12}^{3}\ \Phi_{10}\ \Phi_{6}^{3}$
73581	1218	235	$\frac{2}{47}$	$\frac{32}{235}$	$\frac{1}{5}$	$\frac{15}{47}$	$\Phi_{235}^{5}\ \Phi_{47}^{6}\ \Phi_{5}^{4}\ \Phi_{1}^{6}$
73582	1218	680	$\frac{4}{85}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{27}{85}$	$\Phi_{680}^{2}\ \Phi_{340}^{2}\ \Phi_{170}^{2}\ \Phi_{136}^{2}\ \Phi_{68}^{2}\ \Phi_{40}^{3}\ \Phi_{34}^{2}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
73583	1218	1722	$\frac{2}{41}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{13}{41}$	$\Phi_{1722}\ \Phi_{861}\ \Phi_{246}\ \Phi_{123}\ \Phi_{42}^{2}\ \Phi_{41}\ \Phi_{21}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
73584	1218	1312	$\frac{2}{41}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{13}{41}$	$\Phi_{1312}\ \Phi_{656}\ \Phi_{328}\ \Phi_{41}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
73585	1218	1435	$\frac{2}{41}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{13}{41}$	$\Phi_{1435}\ \Phi_{205}\ \Phi_{41}\ \Phi_{35}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
73586	1218	1188	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{94}{297}$	$\Phi_{1188}^{2}\ \Phi_{594}^{2}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{44}\ \Phi_{22}$
73587	1218	420	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{420}^{4}\ \Phi_{210}^{2}\ \Phi_{140}^{4}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{5}\ \Phi_{42}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{28}^{4}\ \Phi_{21}\ \Phi_{20}^{5}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
73588	1218	1722	$\frac{1}{14}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{13}{42}$	$\Phi_{1722}\ \Phi_{861}\ \Phi_{246}\ \Phi_{123}\ \Phi_{42}^{2}\ \Phi_{41}\ \Phi_{21}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
73589	1218	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{13}{42}$	$\Phi_{168}^{12}\ \Phi_{84}^{12}\ \Phi_{56}\ \Phi_{42}^{6}\ \Phi_{28}\ \Phi_{24}^{12}\ \Phi_{21}^{6}\ \Phi_{14}\ \Phi_{12}^{12}\ \Phi_{6}^{6}\ \Phi_{3}^{6}$
73590	1218	1716	$\frac{23}{429}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{286}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{44}\ \Phi_{26}\ \Phi_{22}$
73591	1218	190	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{9}{38}$	$\frac{3}{10}$	$\Phi_{190}^{6}\ \Phi_{95}^{6}\ \Phi_{38}^{8}\ \Phi_{19}^{7}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
73592	1218	2016	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{7}$	$\frac{85}{288}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
73593	1218	504	$\frac{5}{63}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{504}^{3}\ \Phi_{252}^{3}\ \Phi_{168}^{3}\ \Phi_{126}^{3}\ \Phi_{84}^{3}\ \Phi_{72}^{3}\ \Phi_{56}\ \Phi_{42}^{3}\ \Phi_{36}^{3}\ \Phi_{28}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{14}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
73594	1218	1512	$\frac{13}{216}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
73595	1218	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{120}^{11}\ \Phi_{60}^{11}\ \Phi_{40}^{9}\ \Phi_{30}^{11}\ \Phi_{24}^{11}\ \Phi_{20}^{9}\ \Phi_{15}^{10}\ \Phi_{12}^{11}\ \Phi_{10}^{9}\ \Phi_{8}^{8}\ \Phi_{6}^{11}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{10}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
73596	1218	2220	$\frac{1}{37}$	$\frac{36}{185}$	$\frac{1}{4}$	$\frac{149}{555}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{74}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}\ \Phi_{6}$
73597	1218	480	$\frac{1}{15}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{3}\ \Phi_{120}^{3}\ \Phi_{96}^{3}\ \Phi_{80}^{3}\ \Phi_{60}\ \Phi_{48}^{3}\ \Phi_{40}^{3}\ \Phi_{30}\ \Phi_{24}^{3}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
73598	1218	152	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{9}{38}$	$\frac{1}{4}$	$\Phi_{152}^{9}\ \Phi_{76}^{6}\ \Phi_{38}^{8}\ \Phi_{19}^{7}\ \Phi_{8}^{12}\ \Phi_{4}^{8}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
73599	1218	264	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{61}{264}$	$\frac{1}{4}$	$\Phi_{264}^{6}\ \Phi_{132}^{2}\ \Phi_{88}^{6}\ \Phi_{66}^{4}\ \Phi_{44}^{3}\ \Phi_{33}^{4}\ \Phi_{24}^{6}\ \Phi_{22}^{5}\ \Phi_{12}^{2}\ \Phi_{11}^{4}\ \Phi_{8}^{6}\ \Phi_{6}^{4}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
73600	1218	220	$\frac{17}{220}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{220}^{6}\ \Phi_{110}^{6}\ \Phi_{55}^{6}\ \Phi_{44}^{3}\ \Phi_{22}^{5}\ \Phi_{20}^{6}\ \Phi_{11}^{4}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
73601	1218	1680	$\frac{1}{15}$	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
73602	1218	1980	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{495}$	$\frac{1}{4}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{110}\ \Phi_{90}\ \Phi_{60}\ \Phi_{44}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
73603	1218	420	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^3\ \Phi_{84}^4\ \Phi_{70}^3\ \Phi_{60}^5\ \Phi_{42}^4\ \Phi_{30}^5\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_{6}^5\ \Phi_{4}^4\ \Phi_{2}^4$
73604	1218	1680	$\frac{3}{40}$	$\frac{1}{7}$	$\frac{37}{240}$	$\frac{1}{4}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{210}\ \Phi_{168}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
73605	1218	132	$\frac{1}{11}$	$\frac{4}{33}$	$\frac{5}{33}$	$\frac{1}{4}$	$\Phi_{132}^{12}\ \Phi_{66}^{12}\ \Phi_{44}^{13}\ \Phi_{22}^{13}\ \Phi_{12}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}$
73606	1218	1540	$\frac{17}{220}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{154}\ \Phi_{77}\ \Phi_{28}\ \Phi_{14}$
73607	1218	1312	$\frac{3}{32}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{4}$	$\Phi_{1312}\ \Phi_{656}\ \Phi_{328}\ \Phi_{41}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
73608	1218	224	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{224}^7\ \Phi_{112}^7\ \Phi_{56}^4\ \Phi_{28}^5\ \Phi_{14}^5\ \Phi_{7}^4$
73609	1218	950	$\frac{1}{19}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{9}{38}$	$\Phi_{950}^2\ \Phi_{475}\ \Phi_{50}^2\ \Phi_{38}^2\ \Phi_{25}^2\ \Phi_{19}\ \Phi_{2}^2\ \Phi_{1}^2$
73610	1218	1848	$\frac{5}{66}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{61}{264}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
73611	1218	1680	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{37}{240}$	$\frac{11}{48}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
73612	1218	112	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{25}{112}$	$\Phi_{112}^{14}\ \Phi_{56}^7\ \Phi_{28}^9\ \Phi_{16}^{14}\ \Phi_{14}^9\ \Phi_{8}^6\ \Phi_{7}^8\ \Phi_{4}^8\ \Phi_{2}^8\ \Phi_{1}^8$
73613	1218	392	$\frac{11}{98}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{392}^4\ \Phi_{196}^4\ \Phi_{98}^2\ \Phi_{56}\ \Phi_{49}^2\ \Phi_{28}\ \Phi_{14}$
73614	1218	238	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{5}{34}$	$\frac{3}{17}$	$\Phi_{238}^7\ \Phi_{119}^5\ \Phi_{14}^7\ \Phi_{7}^4$
73615	1218	1435	$\frac{5}{41}$	$\frac{1}{7}$	$\frac{6}{41}$	$\frac{6}{35}$	$\Phi_{1435}\ \Phi_{205}\ \Phi_{41}\ \Phi_{35}^2\ \Phi_{5}^2\ \Phi_{1}^2$
73616	1218	280	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{56}\ \Phi_{40}^6\ \Phi_{28}\ \Phi_{20}^6\ \Phi_{14}\ \Phi_{10}^6$
73617	1219	2088	$\frac{1}{174}$	$\frac{175}{1044}$	$\frac{869}{2088}$	$\frac{173}{348}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{116}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
73618	1219	2424	$\frac{7}{1212}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1205}{2424}$	$\Phi_{2424}\ \Phi_{808}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
73619	1219	2412	$\frac{13}{1206}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1193}{2412}$	$\Phi_{2412}\ \Phi_{804}\ \Phi_{268}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
73620	1219	1632	$\frac{5}{408}$	$\frac{1}{6}$	$\frac{413}{1632}$	$\frac{403}{816}$	$\Phi_{1632}\ \Phi_{544}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{96}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{32}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
73621	1219	2408	$\frac{15}{1204}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{1189}{2408}$	$\Phi_{2408}\ \Phi_{344}\ \Phi_{56}\ \Phi_{28}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
73622	1219	2400	$\frac{19}{1200}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1181}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
73623	1219	2320	$\frac{1}{58}$	$\frac{59}{1160}$	$\frac{1101}{2320}$	$\frac{57}{116}$	$\Phi_{2320}\ \Phi_{464}\ \Phi_{116}\ \Phi_{80}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
73624	1219	1740	$\frac{1}{58}$	$\frac{59}{580}$	$\frac{521}{1740}$	$\frac{57}{116}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
73625	1219	1392	$\frac{1}{58}$	$\frac{173}{1392}$	$\frac{59}{232}$	$\frac{57}{116}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
73626	1219	1332	$\frac{2}{111}$	$\frac{113}{1332}$	$\frac{1}{3}$	$\frac{109}{222}$	$\Phi_{1332}\ \Phi_{666}\ \Phi_{444}\ \Phi_{333}\ \Phi_{148}\ \Phi_{111}\ \Phi_{37}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
73627	1219	1144	$\frac{1}{52}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{51}{104}$	$\Phi_{1144}^2\ \Phi_{104}^3\ \Phi_{88}^2\ \Phi_{44}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
73628	1219	3432	$\frac{1}{52}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{51}{104}$	$\Phi_{3432}\ \Phi_{312}\ \Phi_{264}\ \Phi_{104}\ \Phi_{33}\ \Phi_{24}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
73629	1219	2352	$\frac{1}{42}$	$\frac{43}{1176}$	$\frac{1133}{2352}$	$\frac{41}{84}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
73630	1219	1764	$\frac{1}{42}$	$\frac{43}{588}$	$\frac{545}{1764}$	$\frac{41}{84}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{441}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
73631	1219	1344	$\frac{1}{42}$	$\frac{125}{1344}$	$\frac{43}{168}$	$\frac{41}{84}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
73632	1219	2380	$\frac{29}{1190}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1161}{2380}$	$\Phi_{2380}\ \Phi_{476}\ \Phi_{340}\ \Phi_{140}\ \Phi_{68}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
73633	1219	1470	$\frac{6}{245}$	$\frac{1}{7}$	$\frac{251}{1470}$	$\frac{239}{490}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{294}\ \Phi_{245}\ \Phi_{210}\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
73634	1219	2376	$\frac{31}{1188}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1157}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{88}\ \Phi_{72}\ \Phi_{33}\ \Phi_{24}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
73635	1219	2376	$\frac{31}{1188}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1157}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{88}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
73636	1219	1400	$\frac{6}{175}$	$\frac{181}{1400}$	$\frac{1}{7}$	$\frac{169}{350}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
73637	1219	2352	$\frac{43}{1176}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1133}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
73638	1219	2352	$\frac{43}{1176}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1133}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{112}\ \Phi_{49}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
73639	1219	408	$\frac{2}{51}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{408}^3\ \Phi_{204}^3\ \Phi_{136}^3\ \Phi_{102}^2\ \Phi_{68}^3\ \Phi_{51}^3\ \Phi_{34}^2\ \Phi_{24}^5\ \Phi_{17}^3\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
73640	1219	1716	$\frac{1}{26}$	$\frac{1}{22}$	$\frac{25}{78}$	$\frac{21}{44}$	$\Phi_{1716}^2\ \Phi_{156}^2\ \Phi_{132}^2\ \Phi_{78}\ \Phi_{44}\ \Phi_{39}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
73641	1219	616	$\frac{1}{22}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{616}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{88}^2\ \Phi_{77}^2\ \Phi_{56}^3\ \Phi_{44}\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4\ \Phi_1$
73642	1219	2860	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{21}{44}$	$\Phi_{2860}\ \Phi_{260}\ \Phi_{220}\ \Phi_{65}\ \Phi_{44}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
73643	1219	72	$\frac{1}{24}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{72}^{17}\ \Phi_{36}^{18}\ \Phi_{24}^{16}\ \Phi_{18}^{17}\ \Phi_{12}^{17}\ \Phi_9^{17}\ \Phi_8^{16}\ \Phi_6^{16}\ \Phi_4^{17}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
73644	1219	2304	$\frac{67}{1152}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1085}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
73645	1219	1254	$\frac{35}{1254}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}\ \Phi_{209}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}\ \Phi_{33}\ \Phi_{19}\ \Phi_{11}\ \Phi_1$
73646	1219	1296	$\frac{77}{1296}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
73647	1219	56	$\frac{3}{56}$	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{56}^{23}\ \Phi_{28}^{21}\ \Phi_{14}^{20}\ \Phi_8^{23}\ \Phi_7^{20}\ \Phi_4^{21}\ \Phi_2^{20}\ \Phi_1^{21}$
73648	1219	2268	$\frac{1}{42}$	$\frac{85}{1134}$	$\frac{41}{126}$	$\frac{1049}{2268}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{324}\ \Phi_{252}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
73649	1219	2244	$\frac{5}{102}$	$\frac{97}{1122}$	$\frac{1}{6}$	$\frac{1025}{2244}$	$\Phi_{2244}\ \Phi_{748}\ \Phi_{204}\ \Phi_{132}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{44}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
73650	1219	2240	$\frac{1}{14}$	$\frac{99}{1120}$	$\frac{13}{112}$	$\frac{1021}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
73651	1219	378	$\frac{1}{54}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{378}^3\ \Phi_{189}^3\ \Phi_{126}^3\ \Phi_{63}^3\ \Phi_{54}^5\ \Phi_{42}^2\ \Phi_{27}^5\ \Phi_{21}^3\ \Phi_{18}^5\ \Phi_{14}^2\ \Phi_9^5\ \Phi_7^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
73652	1219	168	$\frac{3}{56}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{168}^7\ \Phi_{84}^7\ \Phi_{56}^9\ \Phi_{42}^4\ \Phi_{28}^9\ \Phi_{24}^7\ \Phi_{21}^7\ \Phi_{14}^6\ \Phi_{12}^7\ \Phi_8^9\ \Phi_7^8\ \Phi_6^4\ \Phi_4^9\ \Phi_3^7\ \Phi_2^6\ \Phi_1^9$
73653	1219	1680	$\frac{1}{42}$	$\frac{41}{420}$	$\frac{461}{1680}$	$\frac{379}{840}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
73654	1219	2220	$\frac{2}{111}$	$\frac{109}{1110}$	$\frac{1}{3}$	$\frac{1001}{2220}$	$\Phi_{2220}\ \Phi_{740}\ \Phi_{444}\ \Phi_{148}\ \Phi_{111}\ \Phi_{60}\ \Phi_{37}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
73655	1219	96	$\frac{1}{24}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{96}^{23}\ \Phi_{32}^{23}\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
73656	1219	1344	$\frac{1}{14}$	$\frac{125}{1344}$	$\frac{13}{112}$	$\frac{99}{224}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
73657	1219	1274	$\frac{55}{1274}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{1274}\ \Phi_{637}\ \Phi_{182}\ \Phi_{91}\ \Phi_{49}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
73658	1219	864	$\frac{1}{54}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{864}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
73659	1219	2156	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{141}{1078}$	$\frac{937}{2156}$	$\Phi_{2156}\ \Phi_{308}\ \Phi_{196}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{11}\ \Phi_4\ \Phi_1$
73660	1219	1080	$\frac{1}{54}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
73661	1219	2100	$\frac{1}{42}$	$\frac{169}{1050}$	$\frac{41}{210}$	$\frac{881}{2100}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
73662	1219	2100	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{169}{1050}$	$\frac{881}{2100}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
73663	1219	1512	$\frac{1}{42}$	$\frac{41}{252}$	$\frac{293}{1512}$	$\frac{211}{504}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{54}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
73664	1219	120	$\frac{1}{24}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{120}^{12}\ \Phi_{60}^{11}\ \Phi_{40}^{12}\ \Phi_{30}^{11}\ \Phi_{24}^5\ \Phi_{20}^{11}\ \Phi_{15}^{11}\ \Phi_{12}^5\ \Phi_{10}^{11}\ \Phi_8^5\ \Phi_6^4\ \Phi_5^{11}\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
73665	1219	2088	$\frac{1}{87}$	$\frac{175}{1044}$	$\frac{86}{261}$	$\frac{869}{2088}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{261}\ \Phi_{232}\ \Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
73666	1219	1260	$\frac{41}{1260}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
73667	1219	360	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^2\ \Phi_{72}^6\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^6\ \Phi_{30}^2\ \Phi_{24}^5\ \Phi_{20}^3\ \Phi_{18}^5\ \Phi_{15}^3\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_9^5\ \Phi_8^5\ \Phi_6^4\ \Phi_5^3\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
73668	1219	2040	$\frac{5}{204}$	$\frac{1}{6}$	$\frac{199}{1020}$	$\frac{821}{2040}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{40}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
73669	1219	1740	$\frac{1}{87}$	$\frac{86}{435}$	$\frac{521}{1740}$	$\frac{349}{870}$	$\Phi_{1740}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{145}\ \Phi_{116}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
73670	1219	1248	$\frac{29}{1248}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{32}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
73671	1219	2016	$\frac{1}{42}$	$\frac{41}{252}$	$\frac{211}{1008}$	$\frac{797}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
73672	1219	1960	$\frac{6}{245}$	$\frac{1}{7}$	$\frac{239}{980}$	$\frac{741}{1960}$	$\Phi_{1960}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{56}\ \Phi_{49}\ \Phi_{40}\ \Phi_{35}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
73673	1219	108	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{108}^{18}\ \Phi_{54}^{5}\ \Phi_{36}^{17}\ \Phi_{27}^{5}\ \Phi_{18}^{5}\ \Phi_{12}^{17}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{17}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
73674	1219	1848	$\frac{13}{308}$	$\frac{1}{14}$	$\frac{295}{924}$	$\frac{629}{1848}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{168}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{28}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
73675	1219	1836	$\frac{5}{306}$	$\frac{1}{6}$	$\frac{301}{918}$	$\frac{617}{1836}$	$\Phi_{1836}\ \Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{108}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
73676	1219	1566	$\frac{1}{87}$	$\frac{347}{1566}$	$\frac{86}{261}$	$\frac{175}{522}$	$\Phi_{1566}\ \Phi_{783}\ \Phi_{261}\ \Phi_{54}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
73677	1219	1782	$\frac{31}{594}$	$\frac{2}{33}$	$\frac{563}{1782}$	$\frac{1}{3}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{162}\ \Phi_{81}\ \Phi_{33}\ \Phi_{11}\ \Phi_{1}$
73678	1219	1287	$\frac{68}{1287}$	$\frac{2}{33}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}$
73679	1219	165	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{165}^{6}\ \Phi_{55}^{11}\ \Phi_{33}^{5}\ \Phi_{15}^{6}\ \Phi_{11}^{9}\ \Phi_{5}^{11}\ \Phi_{3}^{4}\ \Phi_{1}^{9}$
73680	1219	1665	$\frac{2}{111}$	$\frac{109}{555}$	$\frac{446}{1665}$	$\frac{1}{3}$	$\Phi_{1665}\ \Phi_{333}\ \Phi_{111}\ \Phi_{45}\ \Phi_{37}\ \Phi_{9}\ \Phi_{1}$
73681	1219	1320	$\frac{2}{33}$	$\frac{101}{1320}$	$\frac{31}{132}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{60}\ \Phi_{55}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
73682	1219	1584	$\frac{2}{33}$	$\frac{31}{396}$	$\frac{365}{1584}$	$\frac{1}{3}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{88}\ \Phi_{72}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
73683	1219	1485	$\frac{2}{33}$	$\frac{31}{297}$	$\frac{266}{1485}$	$\frac{1}{3}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{165}\ \Phi_{135}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}$
73684	1219	1386	$\frac{2}{33}$	$\frac{167}{1386}$	$\frac{31}{198}$	$\frac{1}{3}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{126}\ \Phi_{77}\ \Phi_{63}\ \Phi_{42}\ \Phi_{33}\ \Phi_{21}\ \Phi_{14}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
73685	1219	1512	$\frac{1}{42}$	$\frac{293}{1512}$	$\frac{85}{378}$	$\frac{41}{126}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
73686	1219	1800	$\frac{19}{600}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{581}{1800}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
73687	1219	1575	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{356}{1575}$	$\frac{169}{525}$	$\Phi_{1575}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{25}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
73688	1219	858	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{25}{78}$	$\Phi_{858}\ \Phi_{429}\ \Phi_{286}^{2}\ \Phi_{143}^{2}\ \Phi_{78}^{2}\ \Phi_{66}\ \Phi_{39}^{2}\ \Phi_{33}^{2}\ \Phi_{26}^{2}\ \Phi_{22}^{2}\ \Phi_{13}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
73689	1219	1785	$\frac{29}{595}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{566}{1785}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{105}\ \Phi_{51}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
73690	1219	1764	$\frac{43}{588}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{545}{1764}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{441}\ \Phi_{252}\ \Phi_{126}\ \Phi_{63}\ \Phi_{49}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
73691	1219	1848	$\frac{3}{56}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
73692	1219	2145	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{12}{65}$	$\frac{10}{33}$	$\Phi_{2145}\ \Phi_{195}\ \Phi_{165}\ \Phi_{65}\ \Phi_{33}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
73693	1219	1728	$\frac{5}{72}$	$\frac{67}{576}$	$\frac{1}{6}$	$\frac{509}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
73694	1219	1323	$\frac{104}{1323}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{147}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{189}\ \Phi_{63}\ \Phi_{49}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
73695	1219	1296	$\frac{77}{1296}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
73696	1219	56	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{56}^{23}\ \Phi_{28}^{20}\ \Phi_{14}^{20}\ \Phi_{8}^{23}\ \Phi_{7}^{22}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{23}$
73697	1219	1680	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{99}{560}$	$\frac{461}{1680}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
73698	1219	63	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{4}{21}$	$\frac{17}{63}$	$\Phi_{63}^{18}\ \Phi_{21}^{22}\ \Phi_{9}^{18}\ \Phi_{7}^{22}\ \Phi_{3}^{22}\ \Phi_{1}^{23}$
73699	1219	72	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{72}^{23}\ \Phi_{36}^{23}\ \Phi_{24}^{5}\ \Phi_{18}^{23}\ \Phi_{12}^{5}\ \Phi_{9}^{23}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
73700	1219	1344	$\frac{1}{14}$	$\frac{125}{1344}$	$\frac{13}{56}$	$\frac{43}{168}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{112}\ \Phi_{96}\ \Phi_{64}\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
73701	1219	1440	$\frac{5}{72}$	$\frac{221}{1440}$	$\frac{1}{6}$	$\frac{67}{288}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
73702	1219	1568	$\frac{1}{14}$	$\frac{43}{392}$	$\frac{349}{1568}$	$\frac{13}{56}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
73703	1219	1584	$\frac{31}{396}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{365}{1584}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{88}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
73704	1219	1568	$\frac{43}{392}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{349}{1568}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{224}\ \Phi_{112}\ \Phi_{49}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
73705	1219	1372	$\frac{153}{1372}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{196}$	$\Phi_{1372}\ \Phi_{686}\ \Phi_{343}\ \Phi_{49}\ \Phi_{1}$
73706	1219	1320	$\frac{101}{1320}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
73707	1219	1440	$\frac{19}{240}$	$\frac{221}{1440}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
73708	1219	1470	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{294}$	$\frac{251}{1470}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{245}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{49}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
73709	1220	1824	$\frac{1}{304}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{303}{608}$	$\Phi_{1824}\ \Phi_{608}^2\ \Phi_{96}\ \Phi_{32}^2\ \Phi_{3}\ \Phi_{1}^2$
73710	1220	1944	$\frac{1}{243}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{121}{243}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{243}\ \Phi_{216}\ \Phi_{81}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
73711	1220	3030	$\frac{2}{303}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{301}{606}$	$\Phi_{3030}\ \Phi_{1010}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
73712	1220	1089	$\frac{1}{121}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{60}{121}$	$\Phi_{1089}\ \Phi_{363}\ \Phi_{121}^2\ \Phi_{99}\ \Phi_{33}\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
73713	1220	726	$\frac{1}{121}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{60}{121}$	$\Phi_{726}^2\ \Phi_{363}\ \Phi_{242}^2\ \Phi_{121}^2\ \Phi_{66}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
73714	1220	1219	$\frac{11}{1219}$	$\frac{123}{1219}$	$\frac{548}{1219}$	$\frac{604}{1219}$	$\Phi_{1219}\ \Phi_{53}\ \Phi_{23}\ \Phi_{1}^2$
73715	1220	2040	$\frac{1}{102}$	$\frac{1}{5}$	$\frac{103}{408}$	$\frac{101}{204}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{120}\ \Phi_{85}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
73716	1220	1470	$\frac{3}{245}$	$\frac{1}{6}$	$\frac{62}{245}$	$\frac{121}{245}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{294}\ \Phi_{210}\ \Phi_{147}\ \Phi_{105}\ \Phi_{98}\ \Phi_{70}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
73717	1220	1219	$\frac{17}{1219}$	$\frac{182}{1219}$	$\frac{309}{1219}$	$\frac{601}{1219}$	$\Phi_{1219}\ \Phi_{53}\ \Phi_{23}\ \Phi_{1}^2$
73718	1220	1833	$\frac{9}{611}$	$\frac{62}{611}$	$\frac{1}{3}$	$\frac{301}{611}$	$\Phi_{1833}\ \Phi_{141}\ \Phi_{39}$
73719	1220	2280	$\frac{1}{60}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{59}{120}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{152}\ \Phi_{120}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{8}^2\ \Phi_{1}^2$
73720	1220	1320	$\frac{1}{60}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{59}{120}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{88}^2\ \Phi_{33}$
73721	1220	2280	$\frac{1}{60}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{59}{120}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{152}\ \Phi_{120}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{8}^2\ \Phi_{1}^2$
73722	1220	120	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{59}{120}$	$\Phi_{120}^{20}\ \Phi_{40}^{20}\ \Phi_{30}\ \Phi_{24}^{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}^{20}$
73723	1220	583	$\frac{1}{53}$	$\frac{27}{583}$	$\frac{278}{583}$	$\frac{26}{53}$	$\Phi_{583}^2\ \Phi_{53}^3\ \Phi_{11}^2\ \Phi_{1}^4$
73724	1220	598	$\frac{6}{299}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{293}{598}$	$\Phi_{598}^4\ \Phi_{46}^4\ \Phi_{26}^4\ \Phi_{23}\ \Phi_{2}^4\ \Phi_{1}^2$
73725	1220	1794	$\frac{6}{299}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{293}{598}$	$\Phi_{1794}^2\ \Phi_{138}^2\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{6}^2$
73726	1220	294	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{25}{147}$	$\frac{24}{49}$	$\Phi_{294}^5\ \Phi_{147}^3\ \Phi_{98}^5\ \Phi_{49}^4\ \Phi_{42}^5\ \Phi_{21}^3\ \Phi_{14}^5\ \Phi_{7}^4\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
73727	1220	987	$\frac{1}{47}$	$\frac{24}{329}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{987}^2\ \Phi_{141}\ \Phi_{21}^2$
73728	1220	902	$\frac{1}{41}$	$\frac{1}{11}$	$\frac{21}{82}$	$\frac{20}{41}$	$\Phi_{902}^2\ \Phi_{451}\ \Phi_{22}^2$
73729	1220	714	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{58}{119}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{238}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{42}^3\ \Phi_{34}^2\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{2}^2$
73730	1220	2970	$\frac{8}{297}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{289}{594}$	$\Phi_{2970}\ \Phi_{990}\ \Phi_{330}\ \Phi_{270}\ \Phi_{110}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
73731	1220	210	$\frac{1}{35}$	$\frac{9}{70}$	$\frac{1}{6}$	$\frac{17}{35}$	$\Phi_{210}^7\ \Phi_{105}^7\ \Phi_{70}^3\ \Phi_{42}^7\ \Phi_{35}^4\ \Phi_{30}^7\ \Phi_{21}^7\ \Phi_{15}^7\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_{7}^4\ \Phi_{6}^6\ \Phi_{5}^4\ \Phi_{3}^6\ \Phi_{2}^2\ \Phi_{1}^4$
73732	1220	340	$\frac{1}{34}$	$\frac{7}{68}$	$\frac{1}{5}$	$\frac{33}{68}$	$\Phi_{340}^4\ \Phi_{170}^5\ \Phi_{85}^5\ \Phi_{20}^4\ \Phi_{10}^5\ \Phi_{5}^4$
73733	1220	1173	$\frac{47}{1173}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{563}{1173}$	$\Phi_{1173}\ \Phi_{391}\ \Phi_{69}^2\ \Phi_{51}\ \Phi_{23}\ \Phi_{17}\ \Phi_{3}^2\ \Phi_{1}^2$
73734	1220	897	$\frac{12}{299}$	$\frac{1}{23}$	$\frac{287}{897}$	$\frac{11}{23}$	$\Phi_{897}^2\ \Phi_{69}^2\ \Phi_{39}^2\ \Phi_{23}\ \Phi_{3}^2\ \Phi_{1}^2$
73735	1220	322	$\frac{1}{23}$	$\frac{17}{322}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{322}^4\ \Phi_{161}^4\ \Phi_{46}^4\ \Phi_{23}\ \Phi_{14}^4\ \Phi_{7}^4\ \Phi_{2}^4\ \Phi_{1}^2$
73736	1220	1197	$\frac{2}{63}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{171}\ \Phi_{133}\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_{19}\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
73737	1220	1710	$\frac{1}{30}$	$\frac{1}{19}$	$\frac{29}{90}$	$\frac{9}{19}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{342}\ \Phi_{171}\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
73738	1220	1216	$\frac{3}{64}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
73739	1220	1520	$\frac{1}{20}$	$\frac{1}{19}$	$\frac{19}{80}$	$\frac{9}{19}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{304}\ \Phi_{152}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
73740	1220	1235	$\frac{1}{19}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{1235}\ \Phi_{247}\ \Phi_{65}^2\ \Phi_{19}\ \Phi_{13}^2\ \Phi_1^2$
73741	1220	1425	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{9}{19}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{19}\ \Phi_1^2$
73742	1220	1254	$\frac{1}{19}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}\ \Phi_{209}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{19}\ \Phi_{11}^2\ \Phi_1^2$
73743	1220	1368	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{9}{19}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{171}\ \Phi_{152}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_1^2$
73744	1220	1330	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{9}{19}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{266}\ \Phi_{133}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{19}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
73745	1220	414	$\frac{1}{23}$	$\frac{11}{207}$	$\frac{109}{414}$	$\frac{98}{207}$	$\Phi_{414}^4\ \Phi_{207}^2\ \Phi_{138}^4\ \Phi_{69}^2\ \Phi_{46}^4\ \Phi_{23}\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^2$
73746	1220	2890	$\frac{16}{289}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{273}{578}$	$\Phi_{2890}\ \Phi_{170}\ \Phi_{85}\ \Phi_{10}$
73747	1220	1620	$\frac{1}{18}$	$\frac{19}{324}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
73748	1220	318	$\frac{13}{318}$	$\frac{3}{53}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{318}^4\ \Phi_{159}^4\ \Phi_{106}^4\ \Phi_{53}^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
73749	1220	2880	$\frac{1}{18}$	$\frac{17}{288}$	$\frac{1}{5}$	$\frac{271}{576}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{320}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
73750	1220	115	$\frac{7}{115}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{54}{115}$	$\Phi_{115}^{10}\ \Phi_{23}^{13}\ \Phi_5^{10}\ \Phi_1^{14}$
73751	1220	312	$\frac{7}{312}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{312}^4\ \Phi_{156}^4\ \Phi_{104}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{24}^4\ \Phi_{13}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
73752	1220	564	$\frac{1}{47}$	$\frac{23}{282}$	$\frac{1}{3}$	$\frac{259}{564}$	$\Phi_{564}^4\ \Phi_{188}^4\ \Phi_{141}\ \Phi_{12}^4\ \Phi_4^4$
73753	1220	1113	$\frac{1}{53}$	$\frac{107}{1113}$	$\frac{52}{159}$	$\frac{503}{1113}$	$\Phi_{1113}\ \Phi_{371}\ \Phi_{159}^2\ \Phi_{53}\ \Phi_{21}\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
73754	1220	552	$\frac{1}{23}$	$\frac{29}{276}$	$\frac{11}{69}$	$\frac{247}{552}$	$\Phi_{552}^4\ \Phi_{184}^4\ \Phi_{69}^2\ \Phi_{24}^4\ \Phi_{23}\ \Phi_8^4\ \Phi_3^2\ \Phi_1^2$
73755	1220	558	$\frac{1}{62}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{558}^2\ \Phi_{279}^2\ \Phi_{186}^3\ \Phi_{93}^3\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{18}^2\ \Phi_6^3\ \Phi_2^2$
73756	1220	198	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{198}^6\ \Phi_{99}^5\ \Phi_{66}^8\ \Phi_{33}^7\ \Phi_{22}^8\ \Phi_{18}^6\ \Phi_{11}^6\ \Phi_9^6\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
73757	1220	2720	$\frac{1}{34}$	$\frac{33}{272}$	$\frac{1}{5}$	$\frac{239}{544}$	$\Phi_{2720}\ \Phi_{170}\ \Phi_{160}\ \Phi_{85}\ \Phi_{10}$
73758	1220	424	$\frac{1}{53}$	$\frac{13}{106}$	$\frac{119}{424}$	$\frac{93}{212}$	$\Phi_{424}^4\ \Phi_{106}^4\ \Phi_{53}^3\ \Phi_8^4\ \Phi_2^4\ \Phi_1^4$
73759	1220	434	$\frac{1}{62}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{434}^3\ \Phi_{217}^3\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{14}^3\ \Phi_2^2$
73760	1220	126	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{126}^{12}\ \Phi_{63}^8\ \Phi_{42}^{11}\ \Phi_{21}^7\ \Phi_{18}^{12}\ \Phi_{14}^{11}\ \Phi_9^8\ \Phi_7^8\ \Phi_6^{10}\ \Phi_3^6\ \Phi_2^{10}\ \Phi_1^8$
73761	1220	106	$\frac{1}{53}$	$\frac{8}{53}$	$\frac{13}{53}$	$\frac{45}{106}$	$\Phi_{106}^{20}\ \Phi_{53}^3\ \Phi_2^{20}\ \Phi_1^4$
73762	1220	106	$\frac{3}{53}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{45}{106}$	$\Phi_{106}^{20}\ \Phi_{53}^3\ \Phi_2^{20}\ \Phi_1^4$
73763	1220	69	$\frac{1}{23}$	$\frac{8}{69}$	$\frac{11}{69}$	$\frac{29}{69}$	$\Phi_{69}^{18}\ \Phi_{23}^{17}\ \Phi_3^{18}\ \Phi_1^{18}$
73764	1220	210	$\frac{1}{35}$	$\frac{17}{105}$	$\frac{1}{6}$	$\frac{44}{105}$	$\Phi_{210}^7\ \Phi_{105}^5\ \Phi_{70}^7\ \Phi_{42}^7\ \Phi_{35}^4\ \Phi_{30}^7\ \Phi_{21}^5\ \Phi_{15}^5\ \Phi_{14}^7\ \Phi_{10}^7\ \Phi_7^4\ \Phi_6^6\ \Phi_5^4\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
73765	1220	1560	$\frac{7}{312}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}\ \Phi_{65}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
73766	1220	207	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{37}{207}$	$\frac{85}{207}$	$\Phi_{207}^6\ \Phi_{69}^6\ \Phi_{23}^5\ \Phi_9^6\ \Phi_3^6\ \Phi_1^6$
73767	1220	510	$\frac{1}{51}$	$\frac{10}{51}$	$\frac{1}{5}$	$\frac{41}{102}$	$\Phi_{510}^5\ \Phi_{255}^5\ \Phi_{170}^5\ \Phi_{85}\ \Phi_{30}^5\ \Phi_{15}\ \Phi_{10}^5$
73768	1220	1219	$\frac{14}{1219}$	$\frac{241}{1219}$	$\frac{365}{1219}$	$\frac{489}{1219}$	$\Phi_{1219}\ \Phi_{53}\ \Phi_{23}\ \Phi_1^2$
73769	1220	1833	$\frac{6}{611}$	$\frac{121}{611}$	$\frac{1}{3}$	$\frac{245}{611}$	$\Phi_{1833}\ \Phi_{141}\ \Phi_{39}$
73770	1220	750	$\frac{3}{125}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{750}^2\ \Phi_{375}^2\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
73771	1220	294	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{12}{49}$	$\frac{37}{98}$	$\Phi_{294}^5\ \Phi_{147}^5\ \Phi_{98}\ \Phi_{49}^4\ \Phi_{42}^5\ \Phi_{21}^5\ \Phi_{14}\ \Phi_7^4\ \Phi_6^4\ \Phi_3^4\ \Phi_1^4$
73772	1220	984	$\frac{1}{123}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{984}^2\ \Phi_{328}^2\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
73773	1220	648	$\frac{1}{81}$	$\frac{20}{81}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{648}^3\ \Phi_{216}^3\ \Phi_{81}^3\ \Phi_{72}^3\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_9^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
73774	1220	1240	$\frac{1}{62}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1240}^2\ \Phi_{310}\ \Phi_{155}\ \Phi_{40}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
73775	1220	504	$\frac{2}{63}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^4\ \Phi_{168}^4\ \Phi_{72}^3\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{24}^3\ \Phi_{21}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
73776	1220	1080	$\frac{1}{27}$	$\frac{13}{135}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{72}\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{27}\ \Phi_{24}\ \Phi_{15}^2\ \Phi_9\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
73777	1220	477	$\frac{1}{53}$	$\frac{26}{159}$	$\frac{133}{477}$	$\frac{172}{477}$	$\Phi_{477}^2\ \Phi_{159}^4\ \Phi_{53}^3\ \Phi_9^2\ \Phi_3^4\ \Phi_1^4$
73778	1220	456	$\frac{1}{152}$	$\frac{151}{456}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{152}^2\ \Phi_{114}^3\ \Phi_{76}^2\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{24}^3\ \Phi_{19}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
73779	1220	924	$\frac{3}{308}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
73780	1220	228	$\frac{1}{76}$	$\frac{15}{76}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{228}^4\ \Phi_{114}^4\ \Phi_{76}^8\ \Phi_{57}^4\ \Phi_{38}^8\ \Phi_{19}^8\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^{10}$
73781	1220	186	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{186}^7\ \Phi_{93}^7\ \Phi_{62}^6\ \Phi_{31}^6\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
73782	1220	312	$\frac{7}{312}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{312}^4\ \Phi_{156}^4\ \Phi_{104}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{24}^3\ \Phi_{13}^4\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
73783	1220	342	$\frac{1}{38}$	$\frac{37}{342}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{342}^4\ \Phi_{171}^4\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{18}^4\ \Phi_9^4\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
73784	1220	693	$\frac{2}{63}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}^2\ \Phi_{77}^2\ \Phi_{33}$
73785	1220	192	$\frac{3}{64}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{192}^5\ \Phi_{96}^5\ \Phi_{64}^{10}\ \Phi_{48}^4\ \Phi_{32}^{10}\ \Phi_{24}^4\ \Phi_{16}^8\ \Phi_{12}^4\ \Phi_8^8\ \Phi_6^4\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^{10}$
73786	1220	969	$\frac{1}{19}$	$\frac{18}{323}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{969}\ \Phi_{323}^2\ \Phi_{51}\ \Phi_{17}^2\ \Phi_3\ \Phi_1^2$
73787	1220	141	$\frac{1}{47}$	$\frac{19}{141}$	$\frac{46}{141}$	$\frac{1}{3}$	$\Phi_{141}^9\ \Phi_{47}^8\ \Phi_3^8\ \Phi_1^8$
73788	1220	990	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{29}{90}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{33}$
73789	1220	897	$\frac{12}{299}$	$\frac{1}{13}$	$\frac{287}{897}$	$\frac{1}{3}$	$\Phi_{897}\ \Phi_{299}^2\ \Phi_{69}\ \Phi_{39}^2\ \Phi_{23}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
73790	1220	423	$\frac{1}{47}$	$\frac{23}{141}$	$\frac{118}{423}$	$\frac{1}{3}$	$\Phi_{423}^4\ \Phi_{141}\ \Phi_9^4$
73791	1220	1674	$\frac{1}{62}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1674}\ \Phi_{837}\ \Phi_{186}\ \Phi_{93}\ \Phi_{54}\ \Phi_6$
73792	1220	2112	$\frac{3}{64}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{33}$
73793	1220	1128	$\frac{1}{47}$	$\frac{71}{376}$	$\frac{23}{94}$	$\frac{1}{3}$	$\Phi_{1128}^2\ \Phi_{564}^2\ \Phi_{141}\ \Phi_{24}^2\ \Phi_{12}^2$
73794	1220	2640	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{19}{80}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{528}\ \Phi_{264}\ \Phi_{33}$
73795	1220	195	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{195}^{10}\ \Phi_{39}^7\ \Phi_{15}^{10}\ \Phi_3^6$
73796	1220	1197	$\frac{2}{63}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{171}\ \Phi_{133}\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_{19}\ \Phi_9^2\ \Phi_7^2\ \Phi_1^2$
73797	1220	630	$\frac{2}{63}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{630}^3\ \Phi_{315}^2\ \Phi_{210}^3\ \Phi_{105}^2\ \Phi_{90}^3\ \Phi_{70}^3\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
73798	1220	2145	$\frac{4}{65}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{33}$
73799	1220	141	$\frac{2}{47}$	$\frac{19}{141}$	$\frac{9}{47}$	$\frac{1}{3}$	$\Phi_{141}^8\ \Phi_{47}^{10}\ \Phi_3^7\ \Phi_1^{10}$
73800	1220	825	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{14}{75}$	$\frac{1}{3}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{33}$
73801	1220	66	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{66}^{18}\ \Phi_{33}^{19}\ \Phi_{22}^{18}\ \Phi_{11}^{18}\ \Phi_6^{20}\ \Phi_3^{20}\ \Phi_2^{20}\ \Phi_1^{20}$
73802	1220	792	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{72}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{33}$
73803	1220	1485	$\frac{1}{11}$	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{99}\ \Phi_{33}$
73804	1220	2310	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{231}\ \Phi_{33}$
73805	1220	630	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{71}{315}$	$\frac{34}{105}$	$\Phi_{630}^3\ \Phi_{315}^2\ \Phi_{210}\ \Phi_{126}^3\ \Phi_{105}\ \Phi_{90}^3\ \Phi_{70}\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_9^2$
73806	1220	1710	$\frac{1}{30}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{29}{90}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{342}\ \Phi_{171}\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
73807	1220	90	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{29}{90}$	$\Phi_{90}^{20}\ \Phi_{45}^{20}\ \Phi_{30}\ \Phi_{18}^{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_9^{20}$
73808	1220	714	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{113}{357}$	$\Phi_{714}^2\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{42}^3\ \Phi_{34}^2\ \Phi_{21}^2\ \Phi_{17}^2\ \Phi_{14}^3\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
73809	1220	69	$\frac{2}{23}$	$\frac{8}{69}$	$\frac{3}{23}$	$\frac{7}{23}$	$\Phi_{69}^{20}\ \Phi_{23}^{13}\ \Phi_3^{20}\ \Phi_1^{14}$
73810	1220	159	$\frac{3}{53}$	$\frac{5}{53}$	$\frac{37}{159}$	$\frac{16}{53}$	$\Phi_{159}^{10}\ \Phi_{53}^3\ \Phi_3^{10}\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
73811	1220	1620	$\frac{19}{324}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{270}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
73812	1220	2160	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{1}{5}$	$\frac{127}{432}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
73813	1220	510	$\frac{11}{255}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{510}^3\ \Phi_{255}^2\ \Phi_{170}^3\ \Phi_{102}^3\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{34}^3\ \Phi_{30}\ \Phi_{17}^2\ \Phi_{15}\ \Phi_{10}$
73814	1220	414	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{29}{138}$	$\frac{109}{414}$	$\Phi_{414}^4\ \Phi_{207}^4\ \Phi_{69}^2\ \Phi_{23}\ \Phi_{18}^4\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^2$
73815	1220	2040	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{33}{136}$	$\frac{103}{408}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{120}\ \Phi_{85}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
73816	1220	1216	$\frac{3}{64}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{1216}\ \Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
73817	1220	960	$\frac{3}{64}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}\ \Phi_{240}^2\ \Phi_{160}\ \Phi_{120}^2\ \Phi_{80}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
73818	1220	1520	$\frac{1}{20}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{19}{80}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{304}\ \Phi_{152}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
73819	1220	240	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{19}{80}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{80}^4\ \Phi_{48}^8\ \Phi_{40}^4\ \Phi_{30}\ \Phi_{24}^8\ \Phi_{16}^4\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}^4$
73820	1220	360	$\frac{1}{18}$	$\frac{11}{72}$	$\frac{1}{5}$	$\frac{17}{72}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^5\ \Phi_{60}^4\ \Phi_{45}^5\ \Phi_{40}^4\ \Phi_{30}^5\ \Phi_{20}^4\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_{5}^4$
73821	1220	1980	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{91}{396}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{110}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
73822	1220	1235	$\frac{4}{65}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{1235}\ \Phi_{247}\ \Phi_{65}^2\ \Phi_{19}\ \Phi_{13}^2\ \Phi_{1}^2$
73823	1220	1425	$\frac{1}{15}$	$\frac{3}{19}$	$\frac{14}{75}$	$\frac{4}{19}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{19}\ \Phi_{1}^2$
73824	1220	1254	$\frac{5}{66}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}\ \Phi_{209}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{19}\ \Phi_{11}^2\ \Phi_{1}^2$
73825	1220	1368	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{171}\ \Phi_{152}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{1}^2$
73826	1220	1330	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{266}\ \Phi_{133}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{19}\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{1}^2$
73827	1220	390	$\frac{4}{65}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{39}^4\ \Phi_{30}\ \Phi_{26}^4\ \Phi_{15}\ \Phi_{10}$
73828	1220	150	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{14}{75}$	$\frac{1}{5}$	$\Phi_{150}^{12}\ \Phi_{75}^8\ \Phi_{50}^{12}\ \Phi_{30}\ \Phi_{25}^8\ \Phi_{15}\ \Phi_{10}$
73829	1220	340	$\frac{7}{68}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{5}$	$\Phi_{340}^5\ \Phi_{170}^5\ \Phi_{85}^3\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_{5}^2$
73830	1220	330	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{330}^5\ \Phi_{165}^5\ \Phi_{110}^5\ \Phi_{55}^5\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
73831	1220	360	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^5\ \Phi_{45}^5\ \Phi_{40}^5\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
73832	1220	270	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{270}^6\ \Phi_{135}^4\ \Phi_{90}^6\ \Phi_{54}^6\ \Phi_{45}^4\ \Phi_{30}\ \Phi_{27}^4\ \Phi_{18}^6\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}^4$
73833	1220	210	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{210}^8\ \Phi_{105}^8\ \Phi_{70}^4\ \Phi_{42}^8\ \Phi_{35}^4\ \Phi_{30}\ \Phi_{21}^8\ \Phi_{15}\ \Phi_{14}^4\ \Phi_{10}\ \Phi_{7}^4$
73834	1221	1952	$\frac{1}{244}$	$\frac{245}{976}$	$\frac{731}{1952}$	$\frac{243}{488}$	$\Phi_{1952}\ \Phi_{488}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
73835	1221	2432	$\frac{5}{1216}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1211}{2432}$	$\Phi_{2432}\ \Phi_{128}\ \Phi_{8}\ \Phi_{1}$
73836	1221	1620	$\frac{2}{405}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{403}{810}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
73837	1221	544	$\frac{1}{136}$	$\frac{1}{4}$	$\frac{137}{544}$	$\frac{135}{272}$	$\Phi_{544}^3\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{32}^3\ \Phi_{17}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
73838	1221	808	$\frac{3}{404}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{401}{808}$	$\Phi_{808}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
73839	1221	220	$\frac{1}{110}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{109}{220}$	$\Phi_{220}\ \Phi_{110}^{10}\ \Phi_{55}^{10}\ \Phi_{44}\ \Phi_{22}^{10}\ \Phi_{20}^2\ \Phi_{11}^{10}\ \Phi_{10}^{10}\ \Phi_{5}^{10}\ \Phi_{4}^2\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
73840	1221	660	$\frac{1}{110}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{109}{220}$	$\Phi_{660}^5\ \Phi_{220}\ \Phi_{132}^5\ \Phi_{60}^5\ \Phi_{44}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^5\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
73841	1221	804	$\frac{5}{402}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{397}{804}$	$\Phi_{804}\ \Phi_{402}^2\ \Phi_{268}\ \Phi_{201}^2\ \Phi_{134}^2\ \Phi_{67}^2\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
73842	1221	490	$\frac{4}{245}$	$\frac{83}{490}$	$\frac{1}{5}$	$\frac{241}{490}$	$\Phi_{490}^2\ \Phi_{245}^3\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{49}^3\ \Phi_{35}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{7}^3\ \Phi_{5}^2\ \Phi_{2}^2\ \Phi_{1}^3$
73843	1221	800	$\frac{7}{400}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{393}{800}$	$\Phi_{800}^3\ \Phi_{160}^3\ \Phi_{40}\ \Phi_{32}^3\ \Phi_{8}\ \Phi_{1}$
73844	1221	800	$\frac{7}{400}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{393}{800}$	$\Phi_{800}^3\ \Phi_{160}^3\ \Phi_{32}^3\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{2}^2\ \Phi_{1}^3$
73845	1221	800	$\frac{7}{400}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{393}{800}$	$\Phi_{800}^3\ \Phi_{160}^3\ \Phi_{32}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
73846	1221	800	$\frac{7}{400}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{393}{800}$	$\Phi_{800}^3\ \Phi_{160}^3\ \Phi_{32}^3\ \Phi_{25}\ \Phi_{1}$
73847	1221	1640	$\frac{9}{410}$	$\frac{1}{10}$	$\frac{419}{1640}$	$\frac{401}{820}$	$\Phi_{1640}\ \Phi_{410}\ \Phi_{328}\ \Phi_{205}\ \Phi_{82}\ \Phi_{41}\ \Phi_{40}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
73848	1221	1360	$\frac{3}{136}$	$\frac{139}{1360}$	$\frac{1}{4}$	$\frac{133}{272}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{80}\ \Phi_{68}\ \Phi_{40}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
73849	1221	1400	$\frac{4}{175}$	$\frac{179}{1400}$	$\frac{1}{5}$	$\frac{171}{350}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
73850	1221	2380	$\frac{31}{1190}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1159}{2380}$	$\Phi_{2380}\ \Phi_{476}\ \Phi_{340}\ \Phi_{140}\ \Phi_{68}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_4\ \Phi_1$
73851	1221	576	$\frac{1}{36}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{35}{72}$	$\Phi_{576}^4\ \Phi_{192}^4\ \Phi_{72}\ \Phi_{64}^5\ \Phi_{24}\ \Phi_8\ \Phi_1$
73852	1221	144	$\frac{1}{36}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{35}{72}$	$\Phi_{144}^8\ \Phi_{72}^9\ \Phi_{48}^8\ \Phi_{36}^8\ \Phi_{24}^9\ \Phi_{18}^8\ \Phi_{16}^{10}\ \Phi_{12}^8\ \Phi_9^8\ \Phi_8^{11}\ \Phi_6^8\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^{10}\ \Phi_1^{11}$
73853	1221	72	$\frac{1}{36}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{72}^{33}\ \Phi_{24}^{33}\ \Phi_{12}^3\ \Phi_8^{33}\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
73854	1221	360	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{35}{72}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{40}^5\ \Phi_{30}^4\ \Phi_{24}\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{10}^5\ \Phi_8\ \Phi_5^5\ \Phi_1$
73855	1221	2496	$\frac{1}{32}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{64}\ \Phi_{39}\ \Phi_{13}\ \Phi_1$
73856	1221	1728	$\frac{1}{32}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{31}{64}$	$\Phi_{1728}^2\ \Phi_{64}\ \Phi_{54}\ \Phi_{27}\ \Phi_1$
73857	1221	320	$\frac{1}{32}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{320}^8\ \Phi_{64}^5\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
73858	1221	192	$\frac{1}{32}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{31}{64}$	$\Phi_{192}^{12}\ \Phi_{64}^{13}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
73859	1221	2880	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{31}{64}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{320}\ \Phi_{64}\ \Phi_{45}\ \Phi_{15}\ \Phi_5\ \Phi_1$
73860	1221	1344	$\frac{1}{32}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{31}{64}$	$\Phi_{1344}^2\ \Phi_{448}^2\ \Phi_{64}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
73861	1221	1564	$\frac{16}{391}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{375}{782}$	$\Phi_{1564}\ \Phi_{391}\ \Phi_{92}\ \Phi_{68}^2\ \Phi_{34}\ \Phi_{23}\ \Phi_{17}\ \Phi_4\ \Phi_1$
73862	1221	432	$\frac{1}{24}$	$\frac{25}{432}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
73863	1221	600	$\frac{7}{200}$	$\frac{1}{20}$	$\frac{193}{600}$	$\frac{19}{40}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{40}\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_8\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
73864	1221	1280	$\frac{59}{1280}$	$\frac{1}{20}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{128}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_8\ \Phi_1$
73865	1221	1600	$\frac{1}{20}$	$\frac{21}{400}$	$\frac{379}{1600}$	$\frac{19}{40}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{320}\ \Phi_{160}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_8\ \Phi_1$
73866	1221	40	$\frac{1}{20}$	$\frac{3}{40}$	$\frac{7}{40}$	$\frac{19}{40}$	$\Phi_{40}^{31}\ \Phi_{20}^{30}\ \Phi_{10}^{30}\ \Phi_8^{31}\ \Phi_5^{30}\ \Phi_4^{30}\ \Phi_2^{30}\ \Phi_1^{31}$
73867	1221	480	$\frac{1}{20}$	$\frac{7}{80}$	$\frac{73}{480}$	$\frac{19}{40}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}\ \Phi_{32}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_8\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
73868	1221	1400	$\frac{1}{20}$	$\frac{21}{200}$	$\frac{179}{1400}$	$\frac{19}{40}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{175}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
73869	1221	2312	$\frac{3}{68}$	$\frac{65}{1156}$	$\frac{1}{4}$	$\frac{1091}{2312}$	$\Phi_{2312}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_8\ \Phi_1$
73870	1221	420	$\frac{2}{35}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{33}{70}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{60}^3\ \Phi_{42}^4\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{14}\ \Phi_{12}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
73871	1221	768	$\frac{1}{24}$	$\frac{23}{384}$	$\frac{1}{4}$	$\frac{361}{768}$	$\Phi_{768}^3\ \Phi_{256}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
73872	1221	384	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{17}{128}$	$\frac{15}{32}$	$\Phi_{384}^4\ \Phi_{192}^4\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
73873	1221	624	$\frac{7}{104}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{97}{208}$	$\Phi_{624}^4\ \Phi_{208}^3\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
73874	1221	68	$\frac{1}{34}$	$\frac{3}{34}$	$\frac{1}{4}$	$\frac{31}{68}$	$\Phi_{68}^{13}\ \Phi_{34}^{23}\ \Phi_{17}^{23}\ \Phi_4^{12}\ \Phi_2^{22}\ \Phi_1^{23}$
73875	1221	220	$\frac{1}{55}$	$\frac{1}{10}$	$\frac{18}{55}$	$\frac{9}{20}$	$\Phi_{220}^{10}\ \Phi_{55}^2\ \Phi_{44}^{10}\ \Phi_{20}^{11}\ \Phi_{11}^2\ \Phi_5^2\ \Phi_4^{11}\ \Phi_1^3$
73876	1221	380	$\frac{1}{38}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{380}^2\ \Phi_{190}^4\ \Phi_{95}^4\ \Phi_{76}^4\ \Phi_{38}^5\ \Phi_{20}\ \Phi_{19}^5\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
73877	1221	460	$\frac{4}{115}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{460}^5\ \Phi_{115}\ \Phi_{92}^5\ \Phi_{23}\ \Phi_{20}\ \Phi_4\ \Phi_1$
73878	1221	220	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{7}{44}$	$\frac{9}{20}$	$\Phi_{220}^4\ \Phi_{110}^6\ \Phi_{55}^6\ \Phi_{44}^7\ \Phi_{22}^8\ \Phi_{20}^5\ \Phi_{11}^8\ \Phi_{10}^6\ \Phi_5^6\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
73879	1221	40	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{40}^{33}\ \Phi_{20}^{24}\ \Phi_{10}^{32}\ \Phi_8^{33}\ \Phi_5^{32}\ \Phi_4^{24}\ \Phi_2^{32}\ \Phi_1^{33}$
73880	1221	2420	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{2420}\ \Phi_{484}\ \Phi_{121}\ \Phi_{20}\ \Phi_4\ \Phi_1$
73881	1221	732	$\frac{1}{61}$	$\frac{41}{366}$	$\frac{20}{61}$	$\frac{325}{732}$	$\Phi_{732}^3\ \Phi_{244}^3\ \Phi_{61}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
73882	1221	420	$\frac{13}{420}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}^3\ \Phi_{21}^3$ $\Phi_{20}^3\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_7^3\ \Phi_6^3\ \Phi_5^2\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
73883	1221	2176	$\frac{3}{136}$	$\frac{133}{1088}$	$\frac{1}{4}$	$\frac{955}{2176}$	$\Phi_{2176}\ \Phi_{136}\ \Phi_{128}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_8\ \Phi_1$
73884	1221	416	$\frac{9}{416}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{416}^3\ \Phi_{208}^3\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{32}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
73885	1221	588	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{98}$	$\frac{85}{196}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{84}^4\ \Phi_{49}^2\ \Phi_{42}^4\ \Phi_{28}^3\ \Phi_{21}^4\ \Phi_{14}^3\ \Phi_{12}^3$ $\Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
73886	1221	1428	$\frac{1}{51}$	$\frac{50}{357}$	$\frac{1}{4}$	$\frac{307}{714}$	$\Phi_{1428}\ \Phi_{476}\ \Phi_{357}\ \Phi_{204}^2\ \Phi_{119}\ \Phi_{102}\ \Phi_{84}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}\ \Phi_{28}$ $\Phi_{21}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
73887	1221	1708	$\frac{1}{61}$	$\frac{60}{427}$	$\frac{487}{1708}$	$\frac{367}{854}$	$\Phi_{1708}\ \Phi_{427}\ \Phi_{244}\ \Phi_{28}\ \Phi_7\ \Phi_4\ \Phi_1$
73888	1221	192	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{5}{32}$	$\frac{27}{64}$	$\Phi_{192}^{12}\ \Phi_{64}^9\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
73889	1221	1250	$\frac{29}{1250}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1250}\ \Phi_{625}\ \Phi_{250}\ \Phi_{125}\ \Phi_{25}\ \Phi_1$
73890	1221	700	$\frac{4}{175}$	$\frac{57}{350}$	$\frac{1}{5}$	$\frac{293}{700}$	$\Phi_{700}^3\ \Phi_{175}\ \Phi_{140}^3\ \Phi_{100}^3\ \Phi_{35}\ \Phi_{28}^3\ \Phi_{25}\ \Phi_{20}^3\ \Phi_7\ \Phi_4^3\ \Phi_1$
73891	1221	680	$\frac{1}{68}$	$\frac{67}{340}$	$\frac{1}{4}$	$\frac{273}{680}$	$\Phi_{680}^3\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{40}^3\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
73892	1221	1008	$\frac{1}{112}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}^2\ \Phi_{252}\ \Phi_{168}^2\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}^2\ \Phi_{72}\ \Phi_{63}$ $\Phi_{56}\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_7$ $\Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
73893	1221	1960	$\frac{4}{245}$	$\frac{1}{5}$	$\frac{241}{980}$	$\frac{739}{1960}$	$\Phi_{1960}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{56}\ \Phi_{49}\ \Phi_{40}\ \Phi_{35}\ \Phi_8\ \Phi_7\ \Phi_1$
73894	1221	608	$\frac{5}{608}$	$\frac{1}{4}$	$\frac{201}{608}$	$\frac{3}{8}$	$\Phi_{608}^2\ \Phi_{304}^2\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{32}^2\ \Phi_{19}^2\ \Phi_{16}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
73895	1221	112	$\frac{1}{112}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{112}^{11}\ \Phi_{56}^{11}\ \Phi_{28}^{11}\ \Phi_{16}^{10}\ \Phi_{14}^{11}\ \Phi_8^{11}\ \Phi_7^{11}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
73896	1221	1520	$\frac{5}{304}$	$\frac{299}{1520}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
73897	1221	416	$\frac{9}{416}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{416}^3\ \Phi_{208}^3\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{32}^2\ \Phi_{26}^3\ \Phi_{16}^2\ \Phi_{13}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
73898	1221	456	$\frac{5}{152}$	$\frac{49}{456}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{152}^2\ \Phi_{114}^3\ \Phi_{76}^2\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{24}^3\ \Phi_{19}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3$ $\Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
73899	1221	1280	$\frac{59}{1280}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8$ $\Phi_5\ \Phi_1$
73900	1221	420	$\frac{13}{420}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}^3\ \Phi_{21}^3$ $\Phi_{15}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_7^3\ \Phi_6^3\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
73901	1221	168	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{9}{28}$	$\frac{19}{56}$	$\Phi_{168}^{12}\ \Phi_{84}^4\ \Phi_{56}^9\ \Phi_{42}^4\ \Phi_{28}^3\ \Phi_{24}^{12}\ \Phi_{21}^4\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_8^9\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2$ $\Phi_3^3\ \Phi_2^2\ \Phi_1^3$
73902	1221	488	$\frac{1}{61}$	$\frac{81}{488}$	$\frac{20}{61}$	$\frac{41}{122}$	$\Phi_{488}^3\ \Phi_{244}^3\ \Phi_{61}^2\ \Phi_8^3\ \Phi_4^3\ \Phi_1^3$
73903	1221	612	$\frac{1}{102}$	$\frac{1}{4}$	$\frac{101}{306}$	$\frac{205}{612}$	$\Phi_{612}\ \Phi_{306}^2\ \Phi_{204}^3\ \Phi_{153}^2\ \Phi_{102}^3\ \Phi_{68}^3\ \Phi_{51}^3\ \Phi_{36}\ \Phi_{34}^3\ \Phi_{18}^2\ \Phi_{17}^3\ \Phi_{12}^3$ $\Phi_9^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
73904	1221	624	$\frac{2}{39}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{16}^2\ \Phi_{13}^3\ \Phi_8^2$ $\Phi_4^2\ \Phi_2^2\ \Phi_1^3$
73905	1221	540	$\frac{2}{135}$	$\frac{133}{540}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^3\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^3$ $\Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
73906	1221	828	$\frac{7}{414}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{828}^2\ \Phi_{414}\ \Phi_{276}^2\ \Phi_{207}\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}\ \Phi_{36}\ \Phi_{23}\ \Phi_{12}^2\ \Phi_9$ $\Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
73907	1221	972	$\frac{2}{81}$	$\frac{79}{486}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{972}^2\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4$ $\Phi_3\ \Phi_1$
73908	1221	420	$\frac{13}{420}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^3\ \Phi_{60}^2\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{28}^3\ \Phi_{21}^3$ $\Phi_{20}^2\ \Phi_{15}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_7^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
73909	1221	900	$\frac{2}{45}$	$\frac{43}{450}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}\ \Phi_{300}^2\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}$ $\Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
73910	1221	156	$\frac{2}{39}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^8\ \Phi_{78}^8\ \Phi_{52}^8\ \Phi_{39}^9\ \Phi_{26}^8\ \Phi_{13}^9\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
73911	1221	432	$\frac{25}{432}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{108}^2\ \Phi_{72}^3\ \Phi_{54}^2\ \Phi_{48}^3\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{16}^3$ $\Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
73912	1221	1560	$\frac{2}{39}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{65}\ \Phi_{40}\ \Phi_{39}\ \Phi_{20}$ $\Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
73913	1221	549	$\frac{1}{61}$	$\frac{41}{183}$	$\frac{142}{549}$	$\frac{20}{61}$	$\Phi_{549}^{3}\ \Phi_{61}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
73914	1221	165	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{18}{55}$	$\Phi_{165}^{10}\ \Phi_{55}^{2}\ \Phi_{33}^{10}\ \Phi_{15}^{11}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{11}\ \Phi_{1}^{3}$
73915	1221	525	$\frac{4}{175}$	$\frac{1}{5}$	$\frac{118}{525}$	$\frac{57}{175}$	$\Phi_{525}^{3}\ \Phi_{175}\ \Phi_{105}^{3}\ \Phi_{75}^{3}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{7}\ \Phi_{3}^{3}\ \Phi_{1}$
73916	1221	600	$\frac{7}{200}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{193}{600}$	$\Phi_{600}^{3}\ \Phi_{300}^{3}\ \Phi_{150}^{3}\ \Phi_{120}^{3}\ \Phi_{75}^{3}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
73917	1221	600	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{193}{600}$	$\Phi_{600}^{3}\ \Phi_{300}^{3}\ \Phi_{150}^{3}\ \Phi_{120}^{3}\ \Phi_{75}^{3}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
73918	1221	600	$\frac{7}{200}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{193}{600}$	$\Phi_{600}^{3}\ \Phi_{300}^{3}\ \Phi_{150}^{3}\ \Phi_{120}^{3}\ \Phi_{75}^{3}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{25}\ \Phi_{24}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}$
73919	1221	595	$\frac{31}{595}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{188}{595}$	$\Phi_{595}^{2}\ \Phi_{119}^{2}\ \Phi_{85}^{2}\ \Phi_{35}^{3}\ \Phi_{17}^{2}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
73920	1221	432	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{17}{54}$	$\Phi_{432}^{4}\ \Phi_{216}^{4}\ \Phi_{108}^{4}\ \Phi_{54}^{5}\ \Phi_{27}^{5}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
73921	1221	108	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{108}^{16}\ \Phi_{54}^{17}\ \Phi_{27}^{17}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
73922	1221	1080	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{17}{54}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{135}^{2}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
73923	1221	80	$\frac{1}{16}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{80}^{16}\ \Phi_{40}^{17}\ \Phi_{20}^{17}\ \Phi_{16}^{10}\ \Phi_{10}^{17}\ \Phi_{8}^{11}\ \Phi_{5}^{17}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
73924	1221	48	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{5}{16}$	$\Phi_{48}^{25}\ \Phi_{24}^{25}\ \Phi_{16}^{27}\ \Phi_{12}^{24}\ \Phi_{8}^{27}\ \Phi_{6}^{24}\ \Phi_{4}^{26}\ \Phi_{3}^{24}\ \Phi_{2}^{26}\ \Phi_{1}^{27}$
73925	1221	720	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{5}{16}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{80}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{3}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
73926	1221	336	$\frac{1}{16}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{5}{16}$	$\Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{112}^{4}\ \Phi_{84}^{4}\ \Phi_{56}^{5}\ \Phi_{42}^{5}\ \Phi_{28}^{4}\ \Phi_{21}^{5}\ \Phi_{16}^{2}\ \Phi_{14}^{5}\ \Phi_{8}^{2}\ \Phi_{7}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
73927	1221	432	$\frac{25}{432}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{432}^{3}\ \Phi_{216}^{3}\ \Phi_{144}^{3}\ \Phi_{108}^{3}\ \Phi_{72}^{3}\ \Phi_{54}^{3}\ \Phi_{48}^{3}\ \Phi_{27}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
73928	1221	500	$\frac{7}{100}$	$\frac{1}{10}$	$\frac{93}{500}$	$\frac{3}{10}$	$\Phi_{500}^{3}\ \Phi_{250}^{3}\ \Phi_{125}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
73929	1221	40	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{40}^{30}\ \Phi_{20}^{30}\ \Phi_{10}^{32}\ \Phi_{8}^{30}\ \Phi_{5}^{32}\ \Phi_{4}^{30}\ \Phi_{2}^{32}\ \Phi_{1}^{33}$
73930	1221	480	$\frac{7}{80}$	$\frac{1}{10}$	$\frac{73}{480}$	$\frac{3}{10}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{3}\ \Phi_{120}^{3}\ \Phi_{96}^{3}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
73931	1221	450	$\frac{43}{450}$	$\frac{1}{10}$	$\frac{7}{50}$	$\frac{3}{10}$	$\Phi_{450}^{3}\ \Phi_{225}^{3}\ \Phi_{150}^{3}\ \Phi_{90}^{3}\ \Phi_{75}^{3}\ \Phi_{45}^{3}\ \Phi_{30}^{3}\ \Phi_{18}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
73932	1221	576	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{1}{4}$	$\frac{169}{576}$	$\Phi_{576}^{3}\ \Phi_{288}^{3}\ \Phi_{144}^{3}\ \Phi_{72}^{3}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
73933	1221	84	$\frac{1}{12}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{84}^{16}\ \Phi_{42}^{13}\ \Phi_{28}^{16}\ \Phi_{21}^{13}\ \Phi_{14}^{13}\ \Phi_{12}^{15}\ \Phi_{7}^{15}\ \Phi_{6}^{12}\ \Phi_{4}^{15}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{15}$
73934	1221	425	$\frac{18}{425}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{425}^{3}\ \Phi_{85}^{3}\ \Phi_{25}\ \Phi_{17}^{3}\ \Phi_{1}$
73935	1221	1140	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1140}^{2}\ \Phi_{570}\ \Phi_{285}\ \Phi_{228}^{2}\ \Phi_{114}\ \Phi_{76}^{2}\ \Phi_{60}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
73936	1221	345	$\frac{4}{115}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{345}^{5}\ \Phi_{115}\ \Phi_{69}^{5}\ \Phi_{23}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
73937	1221	660	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{660}^{3}\ \Phi_{330}^{2}\ \Phi_{165}^{2}\ \Phi_{132}^{3}\ \Phi_{66}^{2}\ \Phi_{60}^{3}\ \Phi_{44}^{3}\ \Phi_{33}^{2}\ \Phi_{30}^{3}\ \Phi_{22}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
73938	1221	165	$\frac{4}{55}$	$\frac{17}{165}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{165}^{7}\ \Phi_{55}^{8}\ \Phi_{33}^{7}\ \Phi_{15}^{8}\ \Phi_{11}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{9}$
73939	1221	120	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{120}^{15}\ \Phi_{60}^{15}\ \Phi_{40}^{3}\ \Phi_{30}^{10}\ \Phi_{24}^{15}\ \Phi_{20}^{3}\ \Phi_{15}^{11}\ \Phi_{12}^{15}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{10}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{11}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
73940	1221	1815	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1815}\ \Phi_{363}\ \Phi_{121}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
73941	1221	544	$\frac{3}{136}$	$\frac{133}{544}$	$\frac{1}{4}$	$\frac{137}{544}$	$\Phi_{544}^{2}\ \Phi_{272}^{2}\ \Phi_{136}^{3}\ \Phi_{68}^{3}\ \Phi_{34}^{3}\ \Phi_{32}^{2}\ \Phi_{17}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
73942	1221	120	$\frac{3}{40}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^{9}\ \Phi_{30}^{12}\ \Phi_{24}^{12}\ \Phi_{20}^{9}\ \Phi_{15}^{12}\ \Phi_{12}^{3}\ \Phi_{10}^{9}\ \Phi_{8}^{9}\ \Phi_{6}^{3}\ \Phi_{5}^{9}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
73943	1221	480	$\frac{1}{24}$	$\frac{73}{480}$	$\frac{23}{96}$	$\frac{1}{4}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{3}\ \Phi_{120}^{3}\ \Phi_{80}^{3}\ \Phi_{60}^{3}\ \Phi_{40}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
73944	1221	48	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{48}^{33}\ \Phi_{24}^{33}\ \Phi_{16}^{33}\ \Phi_{12}^{3}\ \Phi_{8}^{33}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
73945	1221	180	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{180}^{8}\ \Phi_{90}^{8}\ \Phi_{60}^{8}\ \Phi_{45}^{9}\ \Phi_{30}^{8}\ \Phi_{20}^{8}\ \Phi_{15}^{9}\ \Phi_{12}^{3}\ \Phi_{10}^{8}\ \Phi_{6}^{3}\ \Phi_{5}^{9}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
73946	1221	40	$\frac{3}{40}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{40}^{30}\ \Phi_{20}^{30}\ \Phi_{10}^{30}\ \Phi_{8}^{33}\ \Phi_{5}^{30}\ \Phi_{4}^{32}\ \Phi_{2}^{32}\ \Phi_{1}^{33}$
73947	1221	84	$\frac{1}{12}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{84}^{16}\ \Phi_{42}^{17}\ \Phi_{28}^{16}\ \Phi_{21}^{17}\ \Phi_{14}^{17}\ \Phi_{12}^{3}\ \Phi_{7}^{17}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
73948	1221	480	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{480}$	$\frac{1}{4}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{3}\ \Phi_{120}^{3}\ \Phi_{96}^{3}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
73949	1221	1600	$\frac{21}{400}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{379}{1600}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{320}\ \Phi_{160}\ \Phi_{64}\ \Phi_{32}\ \Phi_{25}\ \Phi_{1}$
73950	1221	240	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{48}$	$\Phi_{240}^{8}\ \Phi_{120}^{4}\ \Phi_{80}^{8}\ \Phi_{60}^{4}\ \Phi_{48}\ \Phi_{40}^{5}\ \Phi_{30}^{4}\ \Phi_{24}\ \Phi_{20}^{5}\ \Phi_{16}\ \Phi_{15}^{4}\ \Phi_{10}^{5}\ \Phi_{8}\ \Phi_{5}^{5}\ \Phi_{1}$
73951	1221	1300	$\frac{79}{1300}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{325}\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}\ \Phi_{25}\ \Phi_{13}\ \Phi_{1}$
73952	1221	420	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{140}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{2}\ \Phi_{105}^{3}\ \Phi_{84}^{4}\ \Phi_{70}^{2}\ \Phi_{60}^{3}\ \Phi_{42}^{4}\ \Phi_{35}^{3}\ \Phi_{30}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{4}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
73953	1221	500	$\frac{7}{100}$	$\frac{4}{25}$	$\frac{93}{500}$	$\frac{1}{5}$	$\Phi_{500}^{3}\ \Phi_{250}^{3}\ \Phi_{125}^{3}\ \Phi_{25}\ \Phi_{1}$
73954	1221	450	$\frac{43}{450}$	$\frac{7}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{450}^{3}\ \Phi_{225}^{3}\ \Phi_{150}^{3}\ \Phi_{90}^{3}\ \Phi_{75}^{3}\ \Phi_{45}^{3}\ \Phi_{30}^{3}\ \Phi_{25}\ \Phi_{18}^{3}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}$
73955	1221	1400	$\frac{21}{200}$	$\frac{179}{1400}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{175}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
73956	1221	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{8}{45}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{72}^{4}\ \Phi_{60}^{3}\ \Phi_{45}^{4}\ \Phi_{40}^{4}\ \Phi_{36}^{4}\ \Phi_{30}^{3}\ \Phi_{24}^{4}\ \Phi_{20}^{4}\ \Phi_{18}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
73957	1221	840	$\frac{5}{42}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{40}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{105}^{2}\ \Phi_{70}^{2}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}^{2}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
73958	1222	1218	$\frac{2}{609}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{607}{1218}$	$\Phi_{1218}^{2}\ \Phi_{406}^{2}\ \Phi_{174}^{2}\ \Phi_{58}^{2}\ \Phi_{42}^{2}\ \Phi_{14}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
73959	1222	816	$\frac{1}{204}$	$\frac{205}{816}$	$\frac{1}{3}$	$\frac{203}{408}$	$\Phi_{816}^{2}\ \Phi_{272}^{2}\ \Phi_{204}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{51}^{2}\ \Phi_{48}^{2}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
73960	1222	3648	$\frac{3}{608}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{605}{1216}$	$\Phi_{3648}\ \Phi_{192}\ \Phi_{12}\ \Phi_{6}$
73961	1222	1215	$\frac{7}{1215}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{604}{1215}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
73962	1222	1212	$\frac{5}{606}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{601}{1212}$	$\Phi_{1212}^{2}\ \Phi_{404}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
73963	1222	1110	$\frac{1}{111}$	$\frac{56}{555}$	$\frac{499}{1110}$	$\frac{55}{111}$	$\Phi_{1110}^{2}\ \Phi_{370}^{2}\ \Phi_{222}^{2}\ \Phi_{111}\ \Phi_{74}^{2}\ \Phi_{37}\ \Phi_{30}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
73964	1222	1210	$\frac{6}{605}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{599}{1210}$	$\Phi_{1210}^{2}\ \Phi_{242}^{2}\ \Phi_{110}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
73965	1222	744	$\frac{1}{93}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{46}{93}$	$\Phi_{744}^{3}\ \Phi_{248}^{3}\ \Phi_{93}\ \Phi_{31}\ \Phi_{24}^{4}\ \Phi_{8}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
73966	1222	465	$\frac{1}{93}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{46}{93}$	$\Phi_{465}^{3}\ \Phi_{155}^{3}\ \Phi_{93}\ \Phi_{31}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
73967	1222	558	$\frac{1}{93}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{46}{93}$	$\Phi_{558}^{3}\ \Phi_{279}^{3}\ \Phi_{93}\ \Phi_{31}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
73968	1222	1488	$\frac{1}{93}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{46}{93}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}\ \Phi_{248}\ \Phi_{93}\ \Phi_{48}\ \Phi_{31}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
73969	1222	1206	$\frac{8}{603}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{595}{1206}$	$\Phi_{1206}^{2}\ \Phi_{402}^{2}\ \Phi_{134}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
73970	1222	2040	$\frac{1}{68}$	$\frac{69}{680}$	$\frac{1}{3}$	$\frac{67}{136}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{255}\ \Phi_{204}\ \Phi_{120}\ \Phi_{102}\ \Phi_{60}\ \Phi_{51}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
73971	1222	1200	$\frac{11}{600}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{589}{1200}$	$\Phi_{1200}^{2}\ \Phi_{400}^{2}\ \Phi_{240}^{2}\ \Phi_{80}^{2}\ \Phi_{48}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
73972	1222	2300	$\frac{1}{46}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{45}{92}$	$\Phi_{2300}\ \Phi_{460}\ \Phi_{100}\ \Phi_{92}^{2}\ \Phi_{25}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
73973	1222	1932	$\frac{1}{46}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{1932}^{2}\ \Phi_{276}\ \Phi_{84}^{2}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
73974	1222	1380	$\frac{1}{46}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{45}{92}$	$\Phi_{1380}^{2}\ \Phi_{460}\ \Phi_{276}^{2}\ \Phi_{92}^{2}\ \Phi_{60}^{2}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
73975	1222	3570	$\frac{16}{595}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{579}{1190}$	$\Phi_{3570}\ \Phi_{714}\ \Phi_{510}\ \Phi_{210}\ \Phi_{102}\ \Phi_{51}\ \Phi_{42}\ \Phi_{30}\ \Phi_{6}$
73976	1222	1184	$\frac{1}{37}$	$\frac{19}{592}$	$\frac{573}{1184}$	$\frac{18}{37}$	$\Phi_{1184}^{2}\ \Phi_{37}\ \Phi_{32}^{2}\ \Phi_{1}^{2}$
73977	1222	888	$\frac{1}{37}$	$\frac{19}{296}$	$\frac{277}{888}$	$\frac{18}{37}$	$\Phi_{888}^{2}\ \Phi_{444}^{2}\ \Phi_{222}^{2}\ \Phi_{111}^{2}\ \Phi_{37}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
73978	1222	666	$\frac{1}{37}$	$\frac{55}{666}$	$\frac{19}{74}$	$\frac{18}{37}$	$\Phi_{666}^{2}\ \Phi_{333}^{2}\ \Phi_{222}^{2}\ \Phi_{111}^{2}\ \Phi_{37}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
73979	1222	740	$\frac{1}{37}$	$\frac{19}{148}$	$\frac{129}{740}$	$\frac{18}{37}$	$\Phi_{740}^{2}\ \Phi_{370}^{2}\ \Phi_{185}^{2}\ \Phi_{37}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
73980	1222	648	$\frac{1}{36}$	$\frac{37}{648}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
73981	1222	1188	$\frac{17}{594}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{577}{1188}$	$\Phi_{1188}^2\ \Phi_{396}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
73982	1222	1188	$\frac{17}{594}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{577}{1188}$	$\Phi_{1188}^2\ \Phi_{396}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
73983	1222	1188	$\frac{17}{594}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{577}{1188}$	$\Phi_{1188}^2\ \Phi_{396}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
73984	1222	891	$\frac{1}{33}$	$\frac{17}{297}$	$\frac{280}{891}$	$\frac{16}{33}$	$\Phi_{891}^2\ \Phi_{81}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
73985	1222	660	$\frac{1}{33}$	$\frac{49}{660}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
73986	1222	792	$\frac{1}{33}$	$\frac{17}{198}$	$\frac{181}{792}$	$\frac{16}{33}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
73987	1222	693	$\frac{1}{33}$	$\frac{82}{693}$	$\frac{17}{99}$	$\frac{16}{33}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
73988	1222	1725	$\frac{1}{25}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{12}{25}$	$\Phi_{1725}\ \Phi_{345}\ \Phi_{75}\ \Phi_{69}^2\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
73989	1222	1173	$\frac{2}{51}$	$\frac{49}{1173}$	$\frac{1}{3}$	$\frac{562}{1173}$	$\Phi_{1173}\ \Phi_{391}\ \Phi_{69}\ \Phi_{51}^2\ \Phi_{23}\ \Phi_{17}^2\ \Phi_3\ \Phi_1^2$
73990	1222	270	$\frac{1}{27}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{270}^9\ \Phi_{90}^8\ \Phi_{54}^9\ \Phi_{30}^8\ \Phi_{27}^2\ \Phi_{18}^8\ \Phi_{10}^8\ \Phi_9^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
73991	1222	630	$\frac{2}{45}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{43}{90}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{70}^3\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}\ \Phi_9^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
73992	1222	798	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}\ \Phi_{133}\ \Phi_{114}^2\ \Phi_{42}^2\ \Phi_{38}\ \Phi_{21}^2\ \Phi_6^2$
73993	1222	704	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{93}{704}$	$\frac{83}{176}$	$\Phi_{704}^2\ \Phi_{352}^2\ \Phi_{88}^2\ \Phi_{64}^2\ \Phi_{44}^2\ \Phi_{32}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
73994	1222	3468	$\frac{1}{34}$	$\frac{33}{578}$	$\frac{1}{3}$	$\frac{545}{1156}$	$\Phi_{3468}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{12}\ \Phi_6$
73995	1222	1155	$\frac{67}{1155}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{544}{1155}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}^2\ \Phi_{55}\ \Phi_{35}\ \Phi_{33}\ \Phi_{21}\ \Phi_{15}\ \Phi_{11}\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
73996	1222	1152	$\frac{1}{36}$	$\frac{35}{576}$	$\frac{1}{3}$	$\frac{541}{1152}$	$\Phi_{1152}^2\ \Phi_{384}^2\ \Phi_{128}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
73997	1222	1728	$\frac{1}{27}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
73998	1222	2376	$\frac{1}{27}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
73999	1222	88	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{41}{88}$	$\Phi_{88}^{26}\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_8^{26}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
74000	1222	48	$\frac{1}{48}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{48}^{26}\ \Phi_{24}^{24}\ \Phi_{16}^{26}\ \Phi_{12}^{26}\ \Phi_8^{24}\ \Phi_6^{26}\ \Phi_4^{26}\ \Phi_3^{25}\ \Phi_2^{26}\ \Phi_1^{26}$
74001	1222	744	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{15}{62}$	$\frac{11}{24}$	$\Phi_{744}^3\ \Phi_{248}^3\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{24}^4\ \Phi_8^4\ \Phi_2^2\ \Phi_1^2$
74002	1222	1122	$\frac{1}{51}$	$\frac{50}{561}$	$\frac{1}{3}$	$\frac{511}{1122}$	$\Phi_{1122}^2\ \Phi_{374}^2\ \Phi_{102}^2\ \Phi_{66}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{22}^2\ \Phi_{17}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
74003	1222	726	$\frac{6}{121}$	$\frac{1}{11}$	$\frac{115}{726}$	$\frac{5}{11}$	$\Phi_{726}^2\ \Phi_{363}^2\ \Phi_{242}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
74004	1222	660	$\frac{49}{660}$	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{5}{11}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
74005	1222	144	$\frac{1}{48}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{144}^9\ \Phi_{72}^9\ \Phi_{48}^8\ \Phi_{36}^9\ \Phi_{24}^8\ \Phi_{18}^7\ \Phi_{16}^8\ \Phi_{12}^8\ \Phi_9^8\ \Phi_8^8\ \Phi_6^6\ \Phi_4^8\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
74006	1222	756	$\frac{1}{27}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{756}^3\ \Phi_{252}^3\ \Phi_{108}^3\ \Phi_{84}^2\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
74007	1222	3264	$\frac{1}{68}$	$\frac{67}{544}$	$\frac{1}{3}$	$\frac{477}{1088}$	$\Phi_{3264}\ \Phi_{204}\ \Phi_{192}\ \Phi_{102}\ \Phi_{51}\ \Phi_{12}\ \Phi_6$
74008	1222	1078	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{72}{539}$	$\frac{467}{1078}$	$\Phi_{1078}^2\ \Phi_{154}^2\ \Phi_{98}^2\ \Phi_{77}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_2^2\ \Phi_1^2$
74009	1222	1071	$\frac{2}{153}$	$\frac{151}{1071}$	$\frac{1}{3}$	$\frac{460}{1071}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}^2\ \Phi_{119}\ \Phi_{63}\ \Phi_{51}^2\ \Phi_{21}\ \Phi_{17}^2\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
74010	1222	1056	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{83}{528}$	$\frac{445}{1056}$	$\Phi_{1056}^2\ \Phi_{352}^2\ \Phi_{96}^2\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{32}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
74011	1222	2160	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
74012	1222	198	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{198}^{11}\ \Phi_{99}^2\ \Phi_{66}^{11}\ \Phi_{33}^2\ \Phi_{22}^6\ \Phi_{18}^{11}\ \Phi_{11}\ \Phi_9^2\ \Phi_6^{11}\ \Phi_3^2\ \Phi_2^6\ \Phi_1^2$
74013	1222	1020	$\frac{1}{102}$	$\frac{101}{510}$	$\frac{1}{3}$	$\frac{409}{1020}$	$\Phi_{1020}^2\ \Phi_{340}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{20}^2\ \Phi_{17}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
74014	1222	350	$\frac{3}{50}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{350}^4\ \Phi_{175}^4\ \Phi_{70}^3\ \Phi_{50}^2\ \Phi_{35}^3\ \Phi_{25}^2\ \Phi_{14}^2\ \Phi_{10}\ \Phi_7^2\ \Phi_5^2\ \Phi_1^2$
74015	1222	999	$\frac{1}{111}$	$\frac{223}{999}$	$\frac{110}{333}$	$\frac{388}{999}$	$\Phi_{999}\ \Phi_{333}^2\ \Phi_{111}\ \Phi_{37}\ \Phi_{27}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
74016	1222	532	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{9}{38}$	$\frac{29}{76}$	$\Phi_{532}^4\ \Phi_{266}\ \Phi_{133}\ \Phi_{76}^2\ \Phi_{38}\ \Phi_{28}^4\ \Phi_4^2$
74017	1222	888	$\frac{1}{111}$	$\frac{55}{222}$	$\frac{277}{888}$	$\frac{167}{444}$	$\Phi_{888}^2\ \Phi_{296}^2\ \Phi_{222}^2\ \Phi_{111}\ \Phi_{74}^2\ \Phi_{37}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
74018	1222	1848	$\frac{5}{616}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
74019	1222	216	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{216}^9\ \Phi_{108}^3\ \Phi_{72}^8\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{24}^8\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^8\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
74020	1222	924	$\frac{5}{154}$	$\frac{1}{11}$	$\frac{149}{462}$	$\frac{313}{924}$	$\Phi_{924}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
74021	1222	918	$\frac{1}{153}$	$\frac{152}{459}$	$\frac{1}{3}$	$\frac{307}{918}$	$\Phi_{918}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{54}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{17}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
74022	1222	240	$\frac{1}{48}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^6\ \Phi_{60}^6\ \Phi_{48}^2\ \Phi_{40}^6\ \Phi_{30}^6\ \Phi_{24}^2\ \Phi_{20}^6\ \Phi_{16}^2\ \Phi_{15}^4\ \Phi_{12}^2\ \Phi_{10}^6\ \Phi_8^2\ \Phi_6^2\ \Phi_5^4\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
74023	1222	696	$\frac{2}{87}$	$\frac{85}{696}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{696}^2\ \Phi_{348}^2\ \Phi_{232}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
74024	1222	630	$\frac{19}{630}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
74025	1222	912	$\frac{3}{304}$	$\frac{1}{4}$	$\frac{301}{912}$	$\frac{1}{3}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}^2\ \Phi_{228}\ \Phi_{152}^2\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}^2\ \Phi_{24}\ \Phi_{19}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
74026	1222	900	$\frac{11}{300}$	$\frac{1}{12}$	$\frac{289}{900}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
74027	1222	966	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{138}\ \Phi_{46}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_2^2$
74028	1222	648	$\frac{1}{18}$	$\frac{37}{648}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
74029	1222	864	$\frac{1}{36}$	$\frac{35}{288}$	$\frac{253}{864}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
74030	1222	144	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{144}^{12}\ \Phi_{72}^{12}\ \Phi_{48}^2\ \Phi_{36}^{12}\ \Phi_{24}^2\ \Phi_{18}^{10}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^{10}\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
74031	1222	621	$\frac{10}{621}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{621}^2\ \Phi_{207}^2\ \Phi_{69}^2\ \Phi_{27}\ \Phi_{23}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
74032	1222	816	$\frac{1}{68}$	$\frac{67}{272}$	$\frac{205}{816}$	$\frac{1}{3}$	$\Phi_{816}\ \Phi_{408}\ \Phi_{272}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{48}\ \Phi_{34}^2\ \Phi_{24}\ \Phi_{17}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
74033	1222	2280	$\frac{3}{152}$	$\frac{149}{760}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{285}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
74034	1222	48	$\frac{1}{48}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{48}^{25}\ \Phi_{24}^{25}\ \Phi_{16}^{26}\ \Phi_{12}^{26}\ \Phi_8^{26}\ \Phi_6^{26}\ \Phi_4^{26}\ \Phi_3^{25}\ \Phi_2^{26}\ \Phi_1^{26}$
74035	1222	684	$\frac{3}{76}$	$\frac{73}{684}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}\ \Phi_{171}^2\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{36}^2\ \Phi_{19}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
74036	1222	1920	$\frac{29}{640}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
74037	1222	810	$\frac{7}{405}$	$\frac{2}{9}$	$\frac{199}{810}$	$\frac{1}{3}$	$\Phi_{810}^2\ \Phi_{405}\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}\ \Phi_{90}^2\ \Phi_{81}\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
74038	1222	720	$\frac{1}{36}$	$\frac{109}{720}$	$\frac{35}{144}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
74039	1222	930	$\frac{1}{31}$	$\frac{2}{15}$	$\frac{15}{62}$	$\frac{1}{3}$	$\Phi_{930}^2\ \Phi_{465}\ \Phi_{310}^2\ \Phi_{155}\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
74040	1222	792	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{181}{792}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
74041	1222	729	$\frac{7}{243}$	$\frac{118}{729}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{729}^2\ \Phi_{243}\ \Phi_{81}\ \Phi_{27}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
74042	1222	630	$\frac{19}{630}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
74043	1222	54	$\frac{1}{27}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{54}^{26}\ \Phi_{27}^{19}\ \Phi_{18}^{26}\ \Phi_9^{20}\ \Phi_6^{26}\ \Phi_3^{19}\ \Phi_2^{26}\ \Phi_1^{20}$
74044	1222	675	$\frac{7}{135}$	$\frac{64}{675}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
74045	1222	648	$\frac{37}{648}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
74046	1222	540	$\frac{1}{27}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{108}^3\ \Phi_{90}^3\ \Phi_{60}^2\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
74047	1222	2040	$\frac{1}{17}$	$\frac{69}{680}$	$\frac{16}{85}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{204}\ \Phi_{120}\ \Phi_{102}\ \Phi_{60}\ \Phi_{51}\ \Phi_{30}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
74048	1222	660	$\frac{49}{660}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
74049	1222	720	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{109}{720}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
74050	1222	714	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{103}{714}$	$\frac{1}{3}$	$\Phi_{714}^2\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{42}^2\ \Phi_{34}^2\ \Phi_{21}\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
74051	1222	345	$\frac{1}{23}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{22}{69}$	$\Phi_{345}^3\ \Phi_{115}^4\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_{15}^5\ \Phi_5^5\ \Phi_3^6\ \Phi_1^6$
74052	1222	792	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{181}{792}$	$\frac{83}{264}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
74053	1222	1890	$\frac{1}{14}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{135}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{189}\ \Phi_{70}\ \Phi_{54}\ \Phi_{35}\ \Phi_{10}$
74054	1222	693	$\frac{1}{11}$	$\frac{82}{693}$	$\frac{10}{77}$	$\frac{67}{231}$	$\Phi_{693}^2\ \Phi_{231}\ \Phi_{99}^2\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
74055	1222	558	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{15}{62}$	$\frac{5}{18}$	$\Phi_{558}^3\ \Phi_{279}^3\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{18}^4\ \Phi_9^4\ \Phi_2^2\ \Phi_1^2$
74056	1222	210	$\frac{1}{14}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{210}^6\ \Phi_{105}^5\ \Phi_{70}^7\ \Phi_{42}^6\ \Phi_{35}^6\ \Phi_{30}^6\ \Phi_{21}^5\ \Phi_{15}^6\ \Phi_{14}^6\ \Phi_{10}^7\ \Phi_7^5\ \Phi_6^6\ \Phi_5^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
74057	1222	660	$\frac{49}{660}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
74058	1222	496	$\frac{1}{31}$	$\frac{3}{16}$	$\frac{15}{62}$	$\frac{1}{4}$	$\Phi_{496}^3\ \Phi_{248}^3\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{16}^4\ \Phi_8^4\ \Phi_2^2\ \Phi_1^2$
74059	1222	792	$\frac{17}{198}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{181}{792}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
74060	1222	420	$\frac{1}{14}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{420}^4\ \Phi_{210}^2\ \Phi_{140}^4\ \Phi_{105}^2\ \Phi_{84}^4\ \Phi_{70}^3\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
74061	1222	770	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{385}$	$\frac{159}{770}$	$\Phi_{770}^2\ \Phi_{385}\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}^2\ \Phi_{70}^2\ \Phi_{55}\ \Phi_{35}\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
74062	1223	2256	$\frac{1}{94}$	$\frac{95}{1128}$	$\frac{1033}{2256}$	$\frac{93}{188}$	$\Phi_{2256}\ \Phi_{752}\ \Phi_{188}\ \Phi_{48}\ \Phi_{16}\ \Phi_4\ \Phi_1$
74063	1223	1692	$\frac{1}{94}$	$\frac{95}{564}$	$\frac{469}{1692}$	$\frac{93}{188}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{423}\ \Phi_{188}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
74064	1223	1504	$\frac{1}{94}$	$\frac{281}{1504}$	$\frac{95}{376}$	$\frac{93}{188}$	$\Phi_{1504}\ \Phi_{752}\ \Phi_{188}\ \Phi_{32}\ \Phi_{16}\ \Phi_4\ \Phi_1$
74065	1223	2392	$\frac{27}{1196}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{1169}{2392}$	$\Phi_{2392}\ \Phi_{184}\ \Phi_{104}\ \Phi_{52}\ \Phi_8\ \Phi_4\ \Phi_1$
74066	1223	2340	$\frac{1}{26}$	$\frac{53}{1170}$	$\frac{25}{78}$	$\frac{1117}{2340}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{180}\ \Phi_{156}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
74067	1223	2340	$\frac{53}{1170}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1117}{2340}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{180}\ \Phi_{156}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
74068	1223	1482	$\frac{12}{247}$	$\frac{1}{13}$	$\frac{259}{1482}$	$\frac{235}{494}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{247}\ \Phi_{114}\ \Phi_{78}\ \Phi_{57}\ \Phi_{39}\ \Phi_{19}\ \Phi_6\ \Phi_3\ \Phi_1$
74069	1223	1664	$\frac{1}{26}$	$\frac{25}{416}$	$\frac{441}{1664}$	$\frac{391}{832}$	$\Phi_{1664}\ \Phi_{416}\ \Phi_{208}\ \Phi_{128}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
74070	1223	2288	$\frac{1}{26}$	$\frac{79}{1144}$	$\frac{25}{104}$	$\frac{1065}{2288}$	$\Phi_{2288}\ \Phi_{208}\ \Phi_{176}\ \Phi_{104}\ \Phi_{52}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
74071	1223	2256	$\frac{1}{47}$	$\frac{95}{1128}$	$\frac{46}{141}$	$\frac{1033}{2256}$	$\Phi_{2256}\ \Phi_{752}\ \Phi_{141}\ \Phi_{48}\ \Phi_{16}\ \Phi_3\ \Phi_1$
74072	1223	1692	$\frac{1}{47}$	$\frac{46}{423}$	$\frac{469}{1692}$	$\frac{377}{846}$	$\Phi_{1692}\ \Phi_{564}\ \Phi_{423}\ \Phi_{188}\ \Phi_{141}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
74073	1223	2184	$\frac{1}{26}$	$\frac{131}{1092}$	$\frac{25}{156}$	$\frac{961}{2184}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{168}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{56}\ \Phi_{52}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
74074	1223	2080	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{183}{1040}$	$\frac{857}{2080}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{208}\ \Phi_{160}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
74075	1223	1300	$\frac{77}{1300}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{325}\ \Phi_{260}\ \Phi_{100}\ \Phi_{65}\ \Phi_{52}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
74076	1223	1976	$\frac{12}{247}$	$\frac{1}{13}$	$\frac{235}{988}$	$\frac{753}{1976}$	$\Phi_{1976}\ \Phi_{247}\ \Phi_{152}\ \Phi_{104}\ \Phi_{19}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
74077	1223	1872	$\frac{1}{26}$	$\frac{25}{312}$	$\frac{287}{936}$	$\frac{649}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
74078	1223	1410	$\frac{1}{47}$	$\frac{187}{1410}$	$\frac{46}{141}$	$\frac{95}{282}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{470}\ \Phi_{235}\ \Phi_{141}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
74079	1223	1692	$\frac{1}{47}$	$\frac{95}{564}$	$\frac{469}{1692}$	$\frac{46}{141}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{423}\ \Phi_{141}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
74080	1223	1404	$\frac{1}{26}$	$\frac{181}{1404}$	$\frac{53}{234}$	$\frac{25}{78}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{156}\ \Phi_{108}\ \Phi_{78}\ \Phi_{54}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
74081	1223	1560	$\frac{1}{26}$	$\frac{53}{390}$	$\frac{337}{1560}$	$\frac{25}{78}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{312}\ \Phi_{260}\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
74082	1223	1755	$\frac{1}{13}$	$\frac{53}{585}$	$\frac{12}{65}$	$\frac{532}{1755}$	$\Phi_{1755}\ \Phi_{351}\ \Phi_{135}\ \Phi_{65}\ \Phi_{27}\ \Phi_{5}\ \Phi_{1}$
74083	1223	1365	$\frac{1}{13}$	$\frac{142}{1365}$	$\frac{12}{65}$	$\frac{53}{195}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}\ \Phi_{35}\ \Phi_{21}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
74084	1223	1560	$\frac{1}{13}$	$\frac{53}{390}$	$\frac{12}{65}$	$\frac{337}{1560}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{312}\ \Phi_{260}\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
74085	1224	915	$\frac{1}{305}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{152}{305}$	$\Phi_{915}\ \Phi_{305}^2\ \Phi_{183}\ \Phi_{61}^2\ \Phi_{15}\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
74086	1224	1223	$\frac{5}{1223}$	$\frac{307}{1223}$	$\frac{458}{1223}$	$\frac{609}{1223}$	$\Phi_{1223}\ \Phi_{1}^2$
74087	1224	1839	$\frac{3}{613}$	$\frac{154}{613}$	$\frac{1}{3}$	$\frac{305}{613}$	Φ_{1839}
74088	1224	1015	$\frac{1}{203}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{101}{203}$	$\Phi_{1015}\ \Phi_{203}^2\ \Phi_{145}\ \Phi_{35}\ \Phi_{29}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
74089	1224	2436	$\frac{1}{203}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{101}{203}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{348}\ \Phi_{174}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_{6}^2$
74090	1224	1223	$\frac{7}{1223}$	$\frac{205}{1223}$	$\frac{509}{1223}$	$\frac{608}{1223}$	$\Phi_{1223}\ \Phi_{1}^2$
74091	1224	2128	$\frac{1}{152}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{151}{304}$	$\Phi_{2128}\ \Phi_{304}^2\ \Phi_{112}\ \Phi_{16}^2\ \Phi_{7}\ \Phi_{1}^2$
74092	1224	4560	$\frac{1}{152}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{151}{304}$	$\Phi_{4560}\ \Phi_{240}\ \Phi_{15}$
74093	1224	1636	$\frac{3}{409}$	$\frac{1}{4}$	$\frac{103}{409}$	$\frac{203}{409}$	$\Phi_{1636}\ \Phi_{818}$
74094	1224	1223	$\frac{9}{1223}$	$\frac{305}{1223}$	$\frac{308}{1223}$	$\frac{607}{1223}$	$\Phi_{1223}\ \Phi_{1}^2$
74095	1224	2160	$\frac{1}{135}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{67}{135}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{135}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{27}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
74096	1224	540	$\frac{1}{135}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{67}{135}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^3\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^3\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{9}^3\ \Phi_{6}^2\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^6$
74097	1224	1839	$\frac{5}{613}$	$\frac{103}{613}$	$\frac{1}{3}$	$\frac{304}{613}$	Φ_{1839}
74098	1224	1111	$\frac{1}{101}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{50}{101}$	$\Phi_{1111}\ \Phi_{101}^2\ \Phi_{11}^2\ \Phi_{1}^4$
74099	1224	2121	$\frac{1}{101}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{50}{101}$	$\Phi_{2121}\ \Phi_{21}^2$
74100	1224	1111	$\frac{1}{101}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{50}{101}$	$\Phi_{1111}\ \Phi_{101}^2\ \Phi_{11}^2\ \Phi_{1}^4$
74101	1224	2020	$\frac{1}{101}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{50}{101}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{20}^2\ \Phi_{10}^2$
74102	1224	1223	$\frac{13}{1223}$	$\frac{103}{1223}$	$\frac{560}{1223}$	$\frac{605}{1223}$	$\Phi_{1223}\ \Phi_{1}^2$
74103	1224	1223	$\frac{13}{1223}$	$\frac{206}{1223}$	$\frac{339}{1223}$	$\frac{605}{1223}$	$\Phi_{1223}\ \Phi_{1}^2$
74104	1224	1636	$\frac{5}{409}$	$\frac{69}{409}$	$\frac{1}{4}$	$\frac{202}{409}$	$\Phi_{1636}\ \Phi_{818}$
74105	1224	1223	$\frac{17}{1223}$	$\frac{155}{1223}$	$\frac{356}{1223}$	$\frac{603}{1223}$	$\Phi_{1223}\ \Phi_{1}^2$
74106	1224	2272	$\frac{1}{71}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{35}{71}$	$\Phi_{2272}\ \Phi_{71}\ \Phi_{32}^2\ \Phi_{1}^2$
74107	1224	1704	$\frac{1}{71}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{35}{71}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{426}\ \Phi_{213}\ \Phi_{71}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
74108	1224	1420	$\frac{1}{71}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{35}{71}$	$\Phi_{1420}\ \Phi_{710}\ \Phi_{355}\ \Phi_{71}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{1}^2$
74109	1224	1435	$\frac{3}{205}$	$\frac{1}{7}$	$\frac{52}{205}$	$\frac{101}{205}$	$\Phi_{1435}\ \Phi_{287}\ \Phi_{35}$
74110	1224	1139	$\frac{1}{67}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{33}{67}$	$\Phi_{1139}\ \Phi_{67}^2\ \Phi_{17}^2\ \Phi_{1}^4$
74111	1224	2010	$\frac{1}{67}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{33}{67}$	$\Phi_{2010}\ \Phi_{1005}\ \Phi_{402}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
74112	1224	1139	$\frac{1}{67}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{33}{67}$	$\Phi_{1139}\ \Phi_{67}^2\ \Phi_{17}^2\ \Phi_{1}^4$
74113	1224	1876	$\frac{1}{67}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{33}{67}$	$\Phi_{1876}\ \Phi_{938}\ \Phi_{28}^2\ \Phi_{14}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
74114	1224	1223	$\frac{19}{1223}$	$\frac{69}{1223}$	$\frac{577}{1223}$	$\frac{602}{1223}$	$\Phi_{1223}\ \Phi_1^2$
74115	1224	1223	$\frac{19}{1223}$	$\frac{207}{1223}$	$\frac{254}{1223}$	$\frac{602}{1223}$	$\Phi_{1223}\ \Phi_1^2$
74116	1224	1535	$\frac{5}{307}$	$\frac{52}{307}$	$\frac{1}{5}$	$\frac{151}{307}$	Φ_{1535}
74117	1224	1636	$\frac{7}{409}$	$\frac{52}{409}$	$\frac{1}{4}$	$\frac{201}{409}$	$\Phi_{1636}\ \Phi_{818}$
74118	1224	1223	$\frac{21}{1223}$	$\frac{152}{1223}$	$\frac{311}{1223}$	$\frac{601}{1223}$	$\Phi_{1223}\ \Phi_1^2$
74119	1224	1839	$\frac{11}{613}$	$\frac{52}{613}$	$\frac{1}{3}$	$\frac{301}{613}$	Φ_{1839}
74120	1224	2300	$\frac{1}{50}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{49}{100}$	$\Phi_{2300}\ \Phi_{460}\ \Phi_{100}^2\ \Phi_{92}\ \Phi_{23}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
74121	1224	3900	$\frac{1}{50}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{3900}\ \Phi_{780}\ \Phi_{156}\ \Phi_{39}$
74122	1224	2300	$\frac{1}{50}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{49}{100}$	$\Phi_{2300}\ \Phi_{460}\ \Phi_{100}^2\ \Phi_{92}\ \Phi_{23}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
74123	1224	900	$\frac{1}{50}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{49}{100}$	$\Phi_{900}\ \Phi_{450}^2\ \Phi_{300}\ \Phi_{225}^2\ \Phi_{180}\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{36}^2$ $\Phi_{30}^2\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
74124	1224	2300	$\frac{1}{50}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{49}{100}$	$\Phi_{2300}\ \Phi_{460}\ \Phi_{100}^2\ \Phi_{92}\ \Phi_{23}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
74125	1224	700	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{49}{100}$	$\Phi_{700}^4\ \Phi_{140}^4\ \Phi_{35}\ \Phi_{28}^4$
74126	1224	1223	$\frac{25}{1223}$	$\frac{104}{1223}$	$\frac{373}{1223}$	$\frac{599}{1223}$	$\Phi_{1223}\ \Phi_1^2$
74127	1224	1370	$\frac{3}{137}$	$\frac{1}{10}$	$\frac{35}{137}$	$\frac{67}{137}$	$\Phi_{1370}\ \Phi_{685}\ \Phi_{274}$
74128	1224	287	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{7}{41}$	$\frac{20}{41}$	$\Phi_{287}^5\ \Phi_7^4$
74129	1224	1223	$\frac{31}{1223}$	$\frac{169}{1223}$	$\frac{209}{1223}$	$\frac{596}{1223}$	$\Phi_{1223}\ \Phi_1^2$
74130	1224	1636	$\frac{11}{409}$	$\frac{35}{409}$	$\frac{1}{4}$	$\frac{199}{409}$	$\Phi_{1636}\ \Phi_{818}$
74131	1224	1223	$\frac{33}{1223}$	$\frac{101}{1223}$	$\frac{314}{1223}$	$\frac{595}{1223}$	$\Phi_{1223}\ \Phi_1^2$
74132	1224	1839	$\frac{17}{613}$	$\frac{35}{613}$	$\frac{1}{3}$	$\frac{298}{613}$	Φ_{1839}
74133	1224	1155	$\frac{1}{35}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{17}{35}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{15}$ $\Phi_{11}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
74134	1224	630	$\frac{1}{35}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2$ $\Phi_{21}\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
74135	1224	770	$\frac{1}{35}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{35}$	$\Phi_{770}^2\ \Phi_{385}\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}\ \Phi_{70}^2\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{22}^4\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_{10}^2$ $\Phi_7^2\ \Phi_5^2\ \Phi_2^4\ \Phi_1^4$
74136	1224	1223	$\frac{35}{1223}$	$\frac{37}{1223}$	$\frac{593}{1223}$	$\frac{594}{1223}$	$\Phi_{1223}\ \Phi_1^2$
74137	1224	627	$\frac{1}{33}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{627}^2\ \Phi_{209}^2\ \Phi_{57}^3\ \Phi_{19}^2$
74138	1224	1155	$\frac{1}{33}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{16}{33}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{15}$ $\Phi_{11}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
74139	1224	1716	$\frac{1}{33}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{286}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{26}^2$
74140	1224	1155	$\frac{1}{33}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{16}{33}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{15}$ $\Phi_{11}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
74141	1224	330	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{16}{33}$	$\Phi_{330}^4\ \Phi_{165}^3\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{55}^3\ \Phi_{33}^4\ \Phi_{30}^4\ \Phi_{22}^4\ \Phi_{15}^3\ \Phi_{11}^4\ \Phi_{10}^8\ \Phi_6^4$ $\Phi_5^6\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
74142	1224	231	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{16}{33}$	$\Phi_{231}^5\ \Phi_{77}^5\ \Phi_{33}^6\ \Phi_{21}^5\ \Phi_{11}^6\ \Phi_7^{10}\ \Phi_3^6\ \Phi_1^{12}$
74143	1224	1223	$\frac{49}{1223}$	$\frac{53}{1223}$	$\frac{390}{1223}$	$\frac{587}{1223}$	$\Phi_{1223}\ \Phi_1^2$
74144	1224	882	$\frac{2}{49}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{47}{98}$	$\Phi_{882}^3\ \Phi_{294}^3\ \Phi_{126}^3\ \Phi_{63}\ \Phi_{42}^3\ \Phi_{21}\ \Phi_{18}^3\ \Phi_6^3$
74145	1224	1314	$\frac{3}{73}$	$\frac{1}{18}$	$\frac{19}{73}$	$\frac{35}{73}$	$\Phi_{1314}\ \Phi_{657}\ \Phi_{438}\ \Phi_{219}\ \Phi_{146}$
74146	1224	575	$\frac{1}{25}$	$\frac{1}{23}$	$\frac{8}{25}$	$\frac{11}{23}$	$\Phi_{575}^2\ \Phi_{115}^2\ \Phi_{25}^4\ \Phi_{23}^3\ \Phi_5^4\ \Phi_1^6$
74147	1224	437	$\frac{1}{23}$	$\frac{1}{19}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{437}^3\ \Phi_{19}^2$
74148	1224	828	$\frac{1}{23}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{828}^2\ \Phi_{414}\ \Phi_{276}^2\ \Phi_{207}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{36}^4\ \Phi_{23}\ \Phi_{18}^2\ \Phi_{12}^4\ \Phi_9^2$ $\Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
74149	1224	1265	$\frac{1}{23}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{1265}\ \Phi_{253}\ \Phi_{55}^2\ \Phi_{23}\ \Phi_{11}^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
74150	1224	460	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{11}{23}$	$\Phi_{460}^{3}\ \Phi_{230}^{2}\ \Phi_{115}^{2}\ \Phi_{92}^{3}\ \Phi_{46}^{2}\ \Phi_{23}^{3}\ \Phi_{20}^{6}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
74151	1224	1223	$\frac{55}{1223}$	$\frac{71}{1223}$	$\frac{288}{1223}$	$\frac{584}{1223}$	$\Phi_{1223}\ \Phi_{1}^{2}$
74152	1224	1584	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{23}{176}$	$\frac{21}{44}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{198}\ \Phi_{144}\ \Phi_{99}\ \Phi_{72}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{18}\ \Phi_{6}$
74153	1224	1339	$\frac{5}{103}$	$\frac{1}{13}$	$\frac{18}{103}$	$\frac{49}{103}$	Φ_{1339}
74154	1224	1223	$\frac{61}{1223}$	$\frac{107}{1223}$	$\frac{186}{1223}$	$\frac{581}{1223}$	$\Phi_{1223}\ \Phi_{1}^{2}$
74155	1224	1370	$\frac{7}{137}$	$\frac{1}{10}$	$\frac{18}{137}$	$\frac{65}{137}$	$\Phi_{1370}\ \Phi_{685}\ \Phi_{274}$
74156	1224	1223	$\frac{53}{1223}$	$\frac{65}{1223}$	$\frac{322}{1223}$	$\frac{579}{1223}$	$\Phi_{1223}\ \Phi_{1}^{2}$
74157	1224	1223	$\frac{65}{1223}$	$\frac{118}{1223}$	$\frac{161}{1223}$	$\frac{579}{1223}$	$\Phi_{1223}\ \Phi_{1}^{2}$
74158	1224	1435	$\frac{11}{205}$	$\frac{18}{205}$	$\frac{1}{7}$	$\frac{97}{205}$	$\Phi_{1435}\ \Phi_{287}\ \Phi_{35}$
74159	1224	1839	$\frac{19}{613}$	$\frac{33}{613}$	$\frac{1}{3}$	$\frac{290}{613}$	Φ_{1839}
74160	1224	1223	$\frac{67}{1223}$	$\frac{84}{1223}$	$\frac{215}{1223}$	$\frac{578}{1223}$	$\Phi_{1223}\ \Phi_{1}^{2}$
74161	1224	1535	$\frac{17}{307}$	$\frac{18}{307}$	$\frac{1}{5}$	$\frac{145}{307}$	Φ_{1535}
74162	1224	1636	$\frac{18}{409}$	$\frac{23}{409}$	$\frac{1}{4}$	$\frac{193}{409}$	$\Phi_{1636}\ \Phi_{818}$
74163	1224	1223	$\frac{38}{1223}$	$\frac{69}{1223}$	$\frac{395}{1223}$	$\frac{577}{1223}$	$\Phi_{1223}\ \Phi_{1}^{2}$
74164	1224	1223	$\frac{50}{1223}$	$\frac{69}{1223}$	$\frac{323}{1223}$	$\frac{577}{1223}$	$\Phi_{1223}\ \Phi_{1}^{2}$
74165	1224	1839	$\frac{18}{613}$	$\frac{35}{613}$	$\frac{1}{3}$	$\frac{289}{613}$	Φ_{1839}
74166	1224	1785	$\frac{1}{35}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{105}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}$
74167	1224	1139	$\frac{3}{67}$	$\frac{1}{17}$	$\frac{16}{67}$	$\frac{8}{17}$	$\Phi_{1139}\ \Phi_{67}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
74168	1224	1530	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
74169	1224	3552	$\frac{1}{37}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{3552}\ \Phi_{111}$
74170	1224	2272	$\frac{2}{71}$	$\frac{1}{16}$	$\frac{23}{71}$	$\frac{15}{32}$	$\Phi_{2272}\ \Phi_{71}\ \Phi_{32}^{2}\ \Phi_{1}^{2}$
74171	1224	800	$\frac{1}{25}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{800}^{3}\ \Phi_{160}^{3}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
74172	1224	2272	$\frac{3}{71}$	$\frac{1}{16}$	$\frac{17}{71}$	$\frac{15}{32}$	$\Phi_{2272}\ \Phi_{71}\ \Phi_{32}^{2}\ \Phi_{1}^{2}$
74173	1224	3040	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{3040}\ \Phi_{95}$
74174	1224	2272	$\frac{1}{16}$	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{15}{32}$	$\Phi_{2272}\ \Phi_{71}\ \Phi_{32}^{2}\ \Phi_{1}^{2}$
74175	1224	2912	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{2912}\ \Phi_{91}$
74176	1224	2272	$\frac{1}{16}$	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{15}{32}$	$\Phi_{2272}\ \Phi_{71}\ \Phi_{32}^{2}\ \Phi_{1}^{2}$
74177	1224	1440	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{15}{32}$	$\Phi_{1440}^{2}\ \Phi_{480}^{2}\ \Phi_{288}\ \Phi_{96}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
74178	1224	1314	$\frac{1}{18}$	$\frac{5}{73}$	$\frac{13}{73}$	$\frac{34}{73}$	$\Phi_{1314}\ \Phi_{657}\ \Phi_{438}\ \Phi_{219}\ \Phi_{146}$
74179	1224	2574	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{133}{286}$	$\Phi_{2574}\ \Phi_{858}\ \Phi_{234}\ \Phi_{198}\ \Phi_{99}\ \Phi_{78}\ \Phi_{66}\ \Phi_{33}\ \Phi_{18}\ \Phi_{6}$
74180	1224	504	$\frac{1}{14}$	$\frac{5}{56}$	$\frac{1}{9}$	$\frac{13}{28}$	$\Phi_{504}^{3}\ \Phi_{252}^{2}\ \Phi_{168}^{3}\ \Phi_{126}^{3}\ \Phi_{84}^{2}\ \Phi_{72}^{3}\ \Phi_{63}^{3}\ \Phi_{42}^{3}\ \Phi_{36}^{2}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
74181	1224	1223	$\frac{59}{1223}$	$\frac{97}{1223}$	$\frac{220}{1223}$	$\frac{563}{1223}$	$\Phi_{1223}\ \Phi_{1}^{2}$
74182	1224	1636	$\frac{13}{409}$	$\frac{33}{409}$	$\frac{1}{4}$	$\frac{188}{409}$	$\Phi_{1636}\ \Phi_{818}$
74183	1224	1295	$\frac{1}{35}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}$
74184	1224	1223	$\frac{39}{1223}$	$\frac{103}{1223}$	$\frac{296}{1223}$	$\frac{560}{1223}$	$\Phi_{1223}\ \Phi_{1}^{2}$
74185	1224	1716	$\frac{1}{52}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{429}\ \Phi_{156}^{2}\ \Phi_{132}\ \Phi_{78}^{2}\ \Phi_{66}\ \Phi_{39}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
74186	1224	1111	$\frac{2}{101}$	$\frac{1}{11}$	$\frac{33}{101}$	$\frac{5}{11}$	$\Phi_{1111}\ \Phi_{101}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
74187	1224	1540	$\frac{1}{35}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{140}^{2}\ \Phi_{110}\ \Phi_{70}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
74188	1224	1111	$\frac{5}{101}$	$\frac{1}{11}$	$\frac{16}{101}$	$\frac{5}{11}$	$\Phi_{1111}\ \Phi_{101}^2\ \Phi_{11}^2\ \Phi_1^4$
74189	1224	1386	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
74190	1224	2520	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{9}$	$\frac{127}{280}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{168}\ \Phi_{126}\ \Phi_{120}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_6$
74191	1224	1314	$\frac{1}{18}$	$\frac{7}{73}$	$\frac{10}{73}$	$\frac{33}{73}$	$\Phi_{1314}\ \Phi_{657}\ \Phi_{438}\ \Phi_{219}\ \Phi_{146}$
74192	1224	1223	$\frac{62}{1223}$	$\frac{129}{1223}$	$\frac{169}{1223}$	$\frac{547}{1223}$	$\Phi_{1223}\ \Phi_1^2$
74193	1224	1535	$\frac{10}{307}$	$\frac{33}{307}$	$\frac{1}{5}$	$\frac{137}{307}$	Φ_{1535}
74194	1224	1223	$\frac{26}{1223}$	$\frac{133}{1223}$	$\frac{339}{1223}$	$\frac{545}{1223}$	$\Phi_{1223}\ \Phi_1^2$
74195	1224	1839	$\frac{10}{613}$	$\frac{67}{613}$	$\frac{1}{3}$	$\frac{273}{613}$	Φ_{1839}
74196	1224	1223	$\frac{20}{1223}$	$\frac{137}{1223}$	$\frac{401}{1223}$	$\frac{543}{1223}$	$\Phi_{1223}\ \Phi_1^2$
74197	1224	1300	$\frac{1}{52}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{325}\ \Phi_{260}\ \Phi_{130}\ \Phi_{100}\ \Phi_{65}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
74198	1224	1104	$\frac{1}{69}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1104}^2\ \Phi_{368}^2\ \Phi_{69}^2\ \Phi_{48}\ \Phi_{23}^2\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
74199	1224	720	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{11}{45}$	$\frac{7}{16}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{144}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{45}^3\ \Phi_{16}^4\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
74200	1224	560	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{560}^4\ \Phi_{112}^4\ \Phi_{80}^3\ \Phi_{35}^4\ \Phi_{16}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
74201	1224	1296	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{13}{81}$	$\frac{7}{16}$	$\Phi_{1296}^2\ \Phi_{432}\ \Phi_{144}\ \Phi_{81}^2\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
74202	1224	2160	$\frac{7}{135}$	$\frac{16}{135}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{144}\ \Phi_{135}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{27}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
74203	1224	144	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{144}^{15}\ \Phi_{48}^{15}\ \Phi_{18}^8\ \Phi_{16}^{16}\ \Phi_9^7\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
74204	1224	1200	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1200}^2\ \Phi_{400}^2\ \Phi_{240}\ \Phi_{80}\ \Phi_{75}^2\ \Phi_{48}\ \Phi_{25}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
74205	1224	2190	$\frac{1}{73}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{2190}\ \Phi_{730}\ \Phi_{438}\ \Phi_{219}\ \Phi_{146}$
74206	1224	1110	$\frac{1}{37}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{1110}^2\ \Phi_{370}^2\ \Phi_{222}^2\ \Phi_{185}\ \Phi_{74}^2$
74207	1224	1295	$\frac{1}{35}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}$
74208	1224	1223	$\frac{41}{1223}$	$\frac{171}{1223}$	$\frac{197}{1223}$	$\frac{526}{1223}$	$\Phi_{1223}\ \Phi_1^2$
74209	1224	532	$\frac{1}{76}$	$\frac{1}{7}$	$\frac{25}{76}$	$\frac{3}{7}$	$\Phi_{532}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{28}^2\ \Phi_{19}^4\ \Phi_{14}^2\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
74210	1224	364	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{364}^3\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{52}^6\ \Phi_{28}^2\ \Phi_{26}^6\ \Phi_{14}^2\ \Phi_{13}^6\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
74211	1224	1330	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{37}{190}$	$\frac{3}{7}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
74212	1224	777	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{777}^2\ \Phi_{259}\ \Phi_{111}^2$
74213	1224	1120	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}^2\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}^2\ \Phi_{70}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{32}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
74214	1224	133	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{133}^8\ \Phi_{19}^{16}\ \Phi_7^9\ \Phi_1^{18}$
74215	1224	630	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}\ \Phi_{105}^2\ \Phi_{90}^4\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}^4\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}^4\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{15}^4\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
74216	1224	1314	$\frac{1}{18}$	$\frac{7}{73}$	$\frac{11}{73}$	$\frac{31}{73}$	$\Phi_{1314}\ \Phi_{657}\ \Phi_{438}\ \Phi_{219}\ \Phi_{146}$
74217	1224	1223	$\frac{65}{1223}$	$\frac{118}{1223}$	$\frac{193}{1223}$	$\frac{515}{1223}$	$\Phi_{1223}\ \Phi_1^2$
74218	1224	792	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{7}{44}$	$\frac{37}{88}$	$\Phi_{792}^3\ \Phi_{264}^3\ \Phi_{198}\ \Phi_{99}\ \Phi_{72}^3\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}^3\ \Phi_{18}\ \Phi_6$
74219	1224	1435	$\frac{7}{205}$	$\frac{1}{7}$	$\frac{33}{205}$	$\frac{86}{205}$	$\Phi_{1435}\ \Phi_{287}\ \Phi_{35}$
74220	1224	1223	$\frac{29}{1223}$	$\frac{199}{1223}$	$\frac{237}{1223}$	$\frac{512}{1223}$	$\Phi_{1223}\ \Phi_1^2$
74221	1224	1636	$\frac{7}{409}$	$\frac{67}{409}$	$\frac{1}{4}$	$\frac{171}{409}$	$\Phi_{1636}\ \Phi_{818}$
74222	1224	1223	$\frac{17}{1223}$	$\frac{201}{1223}$	$\frac{356}{1223}$	$\frac{511}{1223}$	$\Phi_{1223}\ \Phi_1^2$
74223	1224	1839	$\frac{7}{613}$	$\frac{101}{613}$	$\frac{1}{3}$	$\frac{256}{613}$	Φ_{1839}
74224	1224	1752	$\frac{1}{73}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1752}\ \Phi_{584}\ \Phi_{438}\ \Phi_{219}\ \Phi_{146}$
74225	1224	1223	$\frac{14}{1223}$	$\frac{205}{1223}$	$\frac{403}{1223}$	$\frac{509}{1223}$	$\Phi_{1223}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
74226	1224	1545	$\frac{1}{103}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1545}\ \Phi_{309}^2$
74227	1224	1015	$\frac{2}{203}$	$\frac{1}{5}$	$\frac{67}{203}$	$\frac{2}{5}$	$\Phi_{1015}\ \Phi_{203}^2\ \Phi_{145}\ \Phi_{35}\ \Phi_{29}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
74228	1224	1380	$\frac{1}{69}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{276}^2\ \Phi_{230}\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{60}\ \Phi_{46}^2\ \Phi_{30}\ \Phi_{12}^2\ \Phi_{6}^2$
74229	1224	1015	$\frac{3}{203}$	$\frac{1}{5}$	$\frac{50}{203}$	$\frac{2}{5}$	$\Phi_{1015}\ \Phi_{203}^2\ \Phi_{145}\ \Phi_{35}\ \Phi_{29}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
74230	1224	260	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{260}^5\ \Phi_{130}^5\ \Phi_{65}^5\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{20}^5\ \Phi_{13}^4\ \Phi_{10}^5\ \Phi_{4}^4\ \Phi_{2}^4$
74231	1224	1015	$\frac{5}{203}$	$\frac{33}{203}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1015}\ \Phi_{203}^2\ \Phi_{145}\ \Phi_{35}\ \Phi_{29}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
74232	1224	740	$\frac{1}{37}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{740}^2\ \Phi_{370}^2\ \Phi_{185}\ \Phi_{148}^2\ \Phi_{74}^2$
74233	1224	35	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{35}^{35}\ \Phi_{7}^{34}\ \Phi_{5}^{36}\ \Phi_{1}^{36}$
74234	1224	290	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{290}^4\ \Phi_{145}^3\ \Phi_{58}^8\ \Phi_{29}^6\ \Phi_{10}^4\ \Phi_{5}^4\ \Phi_{2}^8\ \Phi_{1}^8$
74235	1224	1015	$\frac{11}{203}$	$\frac{16}{203}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1015}\ \Phi_{203}^2\ \Phi_{145}\ \Phi_{35}\ \Phi_{29}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
74236	1224	1170	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{234}^2\ \Phi_{195}\ \Phi_{130}\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2$
74237	1224	1036	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{1036}^2\ \Phi_{259}\ \Phi_{148}^2$
74238	1224	1223	$\frac{11}{1223}$	$\frac{273}{1223}$	$\frac{404}{1223}$	$\frac{475}{1223}$	$\Phi_{1223}\ \Phi_{1}^2$
74239	1224	1223	$\frac{44}{1223}$	$\frac{131}{1223}$	$\frac{273}{1223}$	$\frac{475}{1223}$	$\Phi_{1223}\ \Phi_{1}^2$
74240	1224	1339	$\frac{1}{103}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{1339}
74241	1224	1314	$\frac{1}{18}$	$\frac{5}{73}$	$\frac{17}{73}$	$\frac{28}{73}$	$\Phi_{1314}\ \Phi_{657}\ \Phi_{438}\ \Phi_{219}\ \Phi_{146}$
74242	1224	1223	$\frac{67}{1223}$	$\frac{84}{1223}$	$\frac{289}{1223}$	$\frac{467}{1223}$	$\Phi_{1223}\ \Phi_{1}^2$
74243	1224	1370	$\frac{5}{137}$	$\frac{1}{10}$	$\frac{33}{137}$	$\frac{52}{137}$	$\Phi_{1370}\ \Phi_{685}\ \Phi_{274}$
74244	1224	574	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{10}{41}$	$\frac{31}{82}$	$\Phi_{574}^4\ \Phi_{287}\ \Phi_{14}^4$
74245	1224	1223	$\frac{19}{1223}$	$\frac{254}{1223}$	$\frac{301}{1223}$	$\frac{461}{1223}$	$\Phi_{1223}\ \Phi_{1}^2$
74246	1224	1636	$\frac{5}{409}$	$\frac{101}{409}$	$\frac{1}{4}$	$\frac{154}{409}$	$\Phi_{1636}\ \Phi_{818}$
74247	1224	1400	$\frac{1}{25}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
74248	1224	1223	$\frac{15}{1223}$	$\frac{302}{1223}$	$\frac{307}{1223}$	$\frac{458}{1223}$	$\Phi_{1223}\ \Phi_{1}^2$
74249	1224	1311	$\frac{1}{69}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1311}\ \Phi_{437}\ \Phi_{57}$
74250	1224	1223	$\frac{23}{1223}$	$\frac{200}{1223}$	$\frac{341}{1223}$	$\frac{441}{1223}$	$\Phi_{1223}\ \Phi_{1}^2$
74251	1224	1300	$\frac{1}{52}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{325}\ \Phi_{260}\ \Phi_{130}\ \Phi_{100}\ \Phi_{65}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
74252	1224	1295	$\frac{1}{35}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}$
74253	1224	1223	$\frac{47}{1223}$	$\frac{98}{1223}$	$\frac{375}{1223}$	$\frac{424}{1223}$	$\Phi_{1223}\ \Phi_{1}^2$
74254	1224	650	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{650}^3\ \Phi_{325}\ \Phi_{130}^3\ \Phi_{65}\ \Phi_{50}^3\ \Phi_{10}^3$
74255	1224	1223	$\frac{67}{1223}$	$\frac{68}{1223}$	$\frac{385}{1223}$	$\frac{419}{1223}$	$\Phi_{1223}\ \Phi_{1}^2$
74256	1224	1314	$\frac{4}{73}$	$\frac{1}{18}$	$\frac{23}{73}$	$\frac{25}{73}$	$\Phi_{1314}\ \Phi_{657}\ \Phi_{438}\ \Phi_{219}\ \Phi_{146}$
74257	1224	1339	$\frac{4}{103}$	$\frac{1}{13}$	$\frac{33}{103}$	$\frac{35}{103}$	Φ_{1339}
74258	1224	1223	$\frac{32}{1223}$	$\frac{135}{1223}$	$\frac{397}{1223}$	$\frac{413}{1223}$	$\Phi_{1223}\ \Phi_{1}^2$
74259	1224	1435	$\frac{4}{205}$	$\frac{1}{7}$	$\frac{67}{205}$	$\frac{69}{205}$	$\Phi_{1435}\ \Phi_{287}\ \Phi_{35}$
74260	1224	1223	$\frac{20}{1223}$	$\frac{203}{1223}$	$\frac{401}{1223}$	$\frac{411}{1223}$	$\Phi_{1223}\ \Phi_{1}^2$
74261	1224	1535	$\frac{4}{307}$	$\frac{1}{5}$	$\frac{101}{307}$	$\frac{103}{307}$	Φ_{1535}
74262	1224	1223	$\frac{14}{1223}$	$\frac{271}{1223}$	$\frac{403}{1223}$	$\frac{410}{1223}$	$\Phi_{1223}\ \Phi_{1}^2$
74263	1224	1636	$\frac{4}{409}$	$\frac{1}{4}$	$\frac{135}{409}$	$\frac{137}{409}$	$\Phi_{1636}\ \Phi_{818}$
74264	1224	1223	$\frac{8}{1223}$	$\frac{405}{1223}$	$\frac{407}{1223}$	$\frac{409}{1223}$	$\Phi_{1223}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
74265	1224	1839	$\frac{4}{613}$	$\frac{203}{613}$	$\frac{1}{3}$	$\frac{205}{613}$	Φ_{1839}
74266	1224	462	$\frac{1}{154}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{462}^3\ \Phi_{231}^3\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}^3\ \Phi_{42}^3\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_6^3\ \Phi_2^2$
74267	1224	915	$\frac{2}{305}$	$\frac{101}{305}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{915}\ \Phi_{305}^2\ \Phi_{183}\ \Phi_{61}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
74268	1224	1236	$\frac{1}{103}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1236}\ \Phi_{618}\ \Phi_{412}^2\ \Phi_{206}^2$
74269	1224	465	$\frac{2}{155}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{465}^2\ \Phi_{155}^4\ \Phi_{93}^2\ \Phi_{31}^4\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
74270	1224	183	$\frac{1}{61}$	$\frac{10}{61}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{183}^5\ \Phi_{61}^{10}\ \Phi_3^6\ \Phi_1^{12}$
74271	1224	1092	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
74272	1224	915	$\frac{8}{305}$	$\frac{33}{305}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{915}\ \Phi_{305}^2\ \Phi_{183}\ \Phi_{61}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
74273	1224	210	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^5\ \Phi_{105}^4\ \Phi_{70}^{10}\ \Phi_{42}^5\ \Phi_{35}^8\ \Phi_{30}^4\ \Phi_{21}^4\ \Phi_{15}^3\ \Phi_{14}^{10}\ \Phi_{10}^8\ \Phi_7^8\ \Phi_6^4\ \Phi_5^6\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
74274	1224	915	$\frac{16}{305}$	$\frac{17}{305}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{915}\ \Phi_{305}^2\ \Phi_{183}\ \Phi_{61}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
74275	1224	342	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{342}^4\ \Phi_{171}^4\ \Phi_{114}^4\ \Phi_{57}^3\ \Phi_{38}^4\ \Phi_{19}^2$
74276	1224	2436	$\frac{2}{203}$	$\frac{1}{4}$	$\frac{67}{203}$	$\frac{1}{3}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{348}\ \Phi_{174}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_6^2$
74277	1224	1839	$\frac{7}{613}$	$\frac{137}{613}$	$\frac{202}{613}$	$\frac{1}{3}$	Φ_{1839}
74278	1224	1140	$\frac{1}{76}$	$\frac{1}{5}$	$\frac{25}{76}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{285}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^3$
74279	1224	1839	$\frac{10}{613}$	$\frac{103}{613}$	$\frac{201}{613}$	$\frac{1}{3}$	Φ_{1839}
74280	1224	2121	$\frac{2}{101}$	$\frac{1}{7}$	$\frac{33}{101}$	$\frac{1}{3}$	$\Phi_{2121}\ \Phi_{21}^2$
74281	1224	1839	$\frac{16}{613}$	$\frac{69}{613}$	$\frac{199}{613}$	$\frac{1}{3}$	Φ_{1839}
74282	1224	975	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{975}^2\ \Phi_{195}^2\ \Phi_{39}^3$
74283	1224	1839	$\frac{34}{613}$	$\frac{35}{613}$	$\frac{193}{613}$	$\frac{1}{3}$	Φ_{1839}
74284	1224	630	$\frac{1}{18}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
74285	1224	1881	$\frac{1}{19}$	$\frac{2}{33}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{1881}\ \Phi_{171}\ \Phi_{57}$
74286	1224	1839	$\frac{25}{613}$	$\frac{49}{613}$	$\frac{188}{613}$	$\frac{1}{3}$	Φ_{1839}
74287	1224	1785	$\frac{1}{35}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{105}^2\ \Phi_{21}^2\ \Phi_{15}^2$
74288	1224	888	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{888}\ \Phi_{444}\ \Phi_{296}^2\ \Phi_{222}\ \Phi_{148}^2\ \Phi_{111}^2\ \Phi_{74}^2\ \Phi_{37}^2$
74289	1224	1839	$\frac{13}{613}$	$\frac{100}{613}$	$\frac{171}{613}$	$\frac{1}{3}$	Φ_{1839}
74290	1224	1716	$\frac{1}{52}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{429}\ \Phi_{156}^2\ \Phi_{132}\ \Phi_{78}^2\ \Phi_{66}\ \Phi_{39}^2\ \Phi_{12}^2\ \Phi_6^2$
74291	1224	1839	$\frac{9}{613}$	$\frac{151}{613}$	$\frac{154}{613}$	$\frac{1}{3}$	Φ_{1839}
74292	1224	276	$\frac{1}{69}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{276}^4\ \Phi_{138}^4\ \Phi_{92}^4\ \Phi_{69}^6\ \Phi_{46}^4\ \Phi_{23}^6\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
74293	1224	2436	$\frac{3}{203}$	$\frac{50}{203}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{348}\ \Phi_{174}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_6^2$
74294	1224	780	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{195}^3\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^3$
74295	1224	2436	$\frac{5}{203}$	$\frac{33}{203}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{348}\ \Phi_{174}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_6^2$
74296	1224	2220	$\frac{1}{37}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{555}\ \Phi_{111}$
74297	1224	420	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^6\ \Phi_{210}^6\ \Phi_{84}^5\ \Phi_{60}^6\ \Phi_{42}^5\ \Phi_{30}^6\ \Phi_{12}^6\ \Phi_6^6$
74298	1224	348	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{348}^7\ \Phi_{174}^3\ \Phi_{87}^4\ \Phi_{12}^8\ \Phi_6^4\ \Phi_3^4$
74299	1224	2436	$\frac{11}{203}$	$\frac{16}{203}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{348}\ \Phi_{174}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_6^2$
74300	1224	468	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{468}^4\ \Phi_{234}^2\ \Phi_{156}^3\ \Phi_{117}^2\ \Phi_{78}\ \Phi_{52}^4\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2$
74301	1224	2010	$\frac{3}{67}$	$\frac{1}{10}$	$\frac{16}{67}$	$\frac{1}{3}$	$\Phi_{2010}\ \Phi_{1005}\ \Phi_{402}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
74302	1224	1839	$\frac{33}{613}$	$\frac{52}{613}$	$\frac{145}{613}$	$\frac{1}{3}$	Φ_{1839}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
74303	1224	630	$\frac{1}{18}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2$ $\Phi_{21}\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
74304	1224	1254	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{1254}^2\ \Phi_{627}\ \Phi_{114}^2\ \Phi_{57}^2$
74305	1224	1839	$\frac{28}{613}$	$\frac{65}{613}$	$\frac{137}{613}$	$\frac{1}{3}$	Φ_{1839}
74306	1224	570	$\frac{1}{38}$	$\frac{37}{190}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{570}^3\ \Phi_{285}^3\ \Phi_{114}^4\ \Phi_{57}^4\ \Phi_{30}^3\ \Phi_{15}^4\ \Phi_6^4\ \Phi_3^4$
74307	1224	480	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{120}^3\ \Phi_{96}^4\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4$
74308	1224	285	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{285}^8\ \Phi_{15}^9$
74309	1224	90	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{90}^{14}\ \Phi_{45}^{14}\ \Phi_{30}^{10}\ \Phi_{18}^{16}\ \Phi_{15}^{11}\ \Phi_{10}^{14}\ \Phi_9^{16}\ \Phi_6^{12}\ \Phi_5^{14}\ \Phi_3^{12}\ \Phi_2^{16}\ \Phi_1^{16}$
74310	1224	2145	$\frac{4}{55}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{39}$
74311	1224	2121	$\frac{5}{101}$	$\frac{1}{7}$	$\frac{16}{101}$	$\frac{1}{3}$	$\Phi_{2121}\ \Phi_{21}^2$
74312	1224	1839	$\frac{31}{613}$	$\frac{86}{613}$	$\frac{97}{613}$	$\frac{1}{3}$	Φ_{1839}
74313	1224	780	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{3}$	$\Phi_{780}^3\ \Phi_{390}^2\ \Phi_{195}^2\ \Phi_{156}^3\ \Phi_{78}^2\ \Phi_{39}^3$
74314	1224	126	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{126}^{10}\ \Phi_{63}^{10}\ \Phi_{42}^{10}\ \Phi_{21}^5\ \Phi_{18}^{12}\ \Phi_{14}^{10}\ \Phi_9^{12}\ \Phi_7^{10}\ \Phi_6^{12}\ \Phi_3^6\ \Phi_2^{12}\ \Phi_1^{12}$
74315	1224	1111	$\frac{2}{101}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{33}{101}$	$\Phi_{1111}\ \Phi_{101}^2\ \Phi_{11}^2\ \Phi_1^4$
74316	1224	2020	$\frac{2}{101}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{33}{101}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{20}^2\ \Phi_{10}^2$
74317	1224	1223	$\frac{26}{1223}$	$\frac{206}{1223}$	$\frac{339}{1223}$	$\frac{399}{1223}$	$\Phi_{1223}\ \Phi_1^2$
74318	1224	1535	$\frac{7}{307}$	$\frac{1}{5}$	$\frac{69}{307}$	$\frac{100}{307}$	Φ_{1535}
74319	1224	1223	$\frac{29}{1223}$	$\frac{237}{1223}$	$\frac{275}{1223}$	$\frac{398}{1223}$	$\Phi_{1223}\ \Phi_1^2$
74320	1224	1636	$\frac{10}{409}$	$\frac{69}{409}$	$\frac{1}{4}$	$\frac{133}{409}$	$\Phi_{1636}\ \Phi_{818}$
74321	1224	1704	$\frac{2}{71}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{23}{71}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{426}\ \Phi_{213}\ \Phi_{71}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
74322	1224	1420	$\frac{2}{71}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{23}{71}$	$\Phi_{1420}\ \Phi_{710}\ \Phi_{355}\ \Phi_{71}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
74323	1224	575	$\frac{1}{25}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{8}{25}$	$\Phi_{575}^2\ \Phi_{115}^2\ \Phi_{25}^4\ \Phi_{23}^3\ \Phi_5^4\ \Phi_1^6$
74324	1224	900	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{25}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_6^3$
74325	1224	575	$\frac{1}{25}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{8}{25}$	$\Phi_{575}^2\ \Phi_{115}^2\ \Phi_{25}^4\ \Phi_{23}^3\ \Phi_5^4\ \Phi_1^6$
74326	1224	175	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{8}{25}$	$\Phi_{175}^8\ \Phi_{35}^9\ \Phi_7^8$
74327	1224	1223	$\frac{50}{1223}$	$\frac{104}{1223}$	$\frac{373}{1223}$	$\frac{391}{1223}$	$\Phi_{1223}\ \Phi_1^2$
74328	1224	198	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{5}{22}$	$\frac{7}{22}$	$\Phi_{198}^7\ \Phi_{99}^7\ \Phi_{66}^7\ \Phi_{33}^7\ \Phi_{18}^7\ \Phi_9^6\ \Phi_6^7\ \Phi_3^6$
74329	1224	1223	$\frac{56}{1223}$	$\frac{139}{1223}$	$\frac{271}{1223}$	$\frac{389}{1223}$	$\Phi_{1223}\ \Phi_1^2$
74330	1224	287	$\frac{2}{41}$	$\frac{1}{7}$	$\frac{7}{41}$	$\frac{13}{41}$	$\Phi_{287}^5\ \Phi_7^4$
74331	1224	1223	$\frac{62}{1223}$	$\frac{169}{1223}$	$\frac{209}{1223}$	$\frac{387}{1223}$	$\Phi_{1223}\ \Phi_1^2$
74332	1224	1535	$\frac{16}{307}$	$\frac{35}{307}$	$\frac{1}{5}$	$\frac{97}{307}$	Φ_{1535}
74333	1224	1223	$\frac{65}{1223}$	$\frac{118}{1223}$	$\frac{279}{1223}$	$\frac{386}{1223}$	$\Phi_{1223}\ \Phi_1^2$
74334	1224	1636	$\frac{22}{409}$	$\frac{35}{409}$	$\frac{1}{4}$	$\frac{129}{409}$	$\Phi_{1636}\ \Phi_{818}$
74335	1224	770	$\frac{2}{35}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{11}{35}$	$\Phi_{770}^2\ \Phi_{385}\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}\ \Phi_{70}^2\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{22}^4\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_{10}^2$ $\Phi_7^2\ \Phi_5^2\ \Phi_2^4\ \Phi_1^4$
74336	1224	828	$\frac{1}{18}$	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{828}^2\ \Phi_{414}\ \Phi_{276}^2\ \Phi_{207}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{36}^4\ \Phi_{23}\ \Phi_{18}^2\ \Phi_{12}^4\ \Phi_9^2$ $\Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
74337	1224	1265	$\frac{4}{55}$	$\frac{2}{23}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{1265}\ \Phi_{253}\ \Phi_{55}^2\ \Phi_{23}\ \Phi_{11}^2\ \Phi_1^2$
74338	1224	460	$\frac{2}{23}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{7}{23}$	$\Phi_{460}^3\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{92}^3\ \Phi_{46}^2\ \Phi_{23}^3\ \Phi_{20}^6\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
74339	1224	1314	$\frac{1}{18}$	$\frac{7}{73}$	$\frac{17}{73}$	$\frac{22}{73}$	$\Phi_{1314}\ \Phi_{657}\ \Phi_{438}\ \Phi_{219}\ \Phi_{146}$
74340	1224	1139	$\frac{3}{67}$	$\frac{2}{17}$	$\frac{16}{67}$	$\frac{5}{17}$	$\Phi_{1139}\ \Phi_{67}^2\ \Phi_{17}^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
74341	1224	1530	$\frac{1}{18}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
74342	1224	1223	$\frac{55}{1223}$	$\frac{146}{1223}$	$\frac{288}{1223}$	$\frac{359}{1223}$	$\Phi_{1223}\ \Phi_1^2$
74343	1224	1636	$\frac{17}{409}$	$\frac{49}{409}$	$\frac{1}{4}$	$\frac{120}{409}$	$\Phi_{1636}\ \Phi_{818}$
74344	1224	600	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}\ \Phi_{30}^3\ \Phi_{20}\ \Phi_{15}^3\ \Phi_{10}$
74345	1224	1704	$\frac{3}{71}$	$\frac{1}{8}$	$\frac{17}{71}$	$\frac{7}{24}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{426}\ \Phi_{213}\ \Phi_{71}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
74346	1224	2280	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{285}\ \Phi_{95}$
74347	1224	1704	$\frac{5}{71}$	$\frac{1}{8}$	$\frac{11}{71}$	$\frac{7}{24}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{426}\ \Phi_{213}\ \Phi_{71}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
74348	1224	2184	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{273}\ \Phi_{91}$
74349	1224	1704	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{426}\ \Phi_{213}\ \Phi_{71}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
74350	1224	360	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^2\ \Phi_{90}^5\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^5\ \Phi_{40}^4\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{24}\ \Phi_{20}^4\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}\ \Phi_{10}^4\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^4\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
74351	1224	1223	$\frac{51}{1223}$	$\frac{155}{1223}$	$\frac{293}{1223}$	$\frac{356}{1223}$	$\Phi_{1223}\ \Phi_1^2$
74352	1224	1314	$\frac{1}{18}$	$\frac{10}{73}$	$\frac{13}{73}$	$\frac{21}{73}$	$\Phi_{1314}\ \Phi_{657}\ \Phi_{438}\ \Phi_{219}\ \Phi_{146}$
74353	1224	504	$\frac{5}{56}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{72}^3\ \Phi_{63}\ \Phi_{42}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_6^3$
74354	1224	1223	$\frac{59}{1223}$	$\frac{194}{1223}$	$\frac{220}{1223}$	$\frac{343}{1223}$	$\Phi_{1223}\ \Phi_1^2$
74355	1224	1535	$\frac{13}{307}$	$\frac{49}{307}$	$\frac{1}{5}$	$\frac{86}{307}$	Φ_{1535}
74356	1224	1540	$\frac{1}{35}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{140}^2\ \Phi_{110}\ \Phi_{70}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2$
74357	1224	1111	$\frac{5}{101}$	$\frac{16}{101}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1111}\ \Phi_{101}^2\ \Phi_{11}^2\ \Phi_1^4$
74358	1224	1386	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
74359	1224	630	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{70}$	$\frac{19}{70}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^3\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{63}^3\ \Phi_{45}^2\ \Phi_{42}^3\ \Phi_{30}^2\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
74360	1224	1295	$\frac{1}{35}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}$
74361	1224	1665	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{1665}\ \Phi_{333}\ \Phi_{185}$
74362	1224	1223	$\frac{53}{1223}$	$\frac{195}{1223}$	$\frac{257}{1223}$	$\frac{322}{1223}$	$\Phi_{1223}\ \Phi_1^2$
74363	1224	1314	$\frac{1}{18}$	$\frac{9}{73}$	$\frac{16}{73}$	$\frac{19}{73}$	$\Phi_{1314}\ \Phi_{657}\ \Phi_{438}\ \Phi_{219}\ \Phi_{146}$
74364	1224	1223	$\frac{63}{1223}$	$\frac{152}{1223}$	$\frac{290}{1223}$	$\frac{311}{1223}$	$\Phi_{1223}\ \Phi_1^2$
74365	1224	1435	$\frac{9}{205}$	$\frac{1}{7}$	$\frac{49}{205}$	$\frac{52}{205}$	$\Phi_{1435}\ \Phi_{287}\ \Phi_{35}$
74366	1224	1223	$\frac{27}{1223}$	$\frac{299}{1223}$	$\frac{305}{1223}$	$\frac{308}{1223}$	$\Phi_{1223}\ \Phi_1^2$
74367	1224	1636	$\frac{9}{409}$	$\frac{100}{409}$	$\frac{1}{4}$	$\frac{103}{409}$	$\Phi_{1636}\ \Phi_{818}$
74368	1224	180	$\frac{1}{45}$	$\frac{11}{45}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^6\ \Phi_{45}^9\ \Phi_{36}^6\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{18}^6\ \Phi_{15}^9\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_9^9\ \Phi_6^6\ \Phi_5^9\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^{12}$
74369	1224	140	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^8\ \Phi_{70}^8\ \Phi_{35}^{12}\ \Phi_{28}^8\ \Phi_{20}^6\ \Phi_{14}^8\ \Phi_{10}^6\ \Phi_7^{12}\ \Phi_5^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{12}$
74370	1224	324	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{108}^2\ \Phi_{81}^6\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
74371	1224	100	$\frac{1}{25}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{100}^{13}\ \Phi_{50}^{13}\ \Phi_{25}^{12}\ \Phi_{20}^{10}\ \Phi_{10}^{10}\ \Phi_5^9\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
74372	1224	540	$\frac{7}{135}$	$\frac{16}{135}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^3\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^3\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
74373	1224	36	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{36}^{30}\ \Phi_{18}^{38}\ \Phi_{12}^{30}\ \Phi_9^{37}\ \Phi_6^{38}\ \Phi_4^{32}\ \Phi_3^{37}\ \Phi_2^{40}\ \Phi_1^{40}$
74374	1224	300	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^6\ \Phi_{60}^2\ \Phi_{50}^4\ \Phi_{30}^2\ \Phi_{25}^6\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^3\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
74375	1224	1420	$\frac{3}{71}$	$\frac{3}{20}$	$\frac{17}{71}$	$\frac{1}{4}$	$\Phi_{1420}\ \Phi_{710}\ \Phi_{355}\ \Phi_{71}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
74376	1224	1876	$\frac{3}{67}$	$\frac{1}{7}$	$\frac{16}{67}$	$\frac{1}{4}$	$\Phi_{1876}\ \Phi_{938}\ \Phi_{28}^2\ \Phi_{14}^2$
74377	1224	1636	$\frac{21}{409}$	$\frac{52}{409}$	$\frac{97}{409}$	$\frac{1}{4}$	$\Phi_{1636}\ \Phi_{818}$
74378	1224	572	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{572}^3\ \Phi_{286}\ \Phi_{143}^2\ \Phi_{52}^4\ \Phi_{26}^2\ \Phi_{13}^2$
74379	1224	828	$\frac{1}{18}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{828}^2\ \Phi_{414}\ \Phi_{276}^2\ \Phi_{207}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{36}^4\ \Phi_{23}\ \Phi_{18}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
74380	1224	1636	$\frac{19}{409}$	$\frac{65}{409}$	$\frac{86}{409}$	$\frac{1}{4}$	$\Phi_{1636}\ \Phi_{818}$
74381	1224	1600	$\frac{1}{25}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{320}\ \Phi_{160}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
74382	1224	2020	$\frac{5}{101}$	$\frac{16}{101}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{20}^2\ \Phi_{10}^2$
74383	1224	380	$\frac{1}{19}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{380}^3\ \Phi_{190}^3\ \Phi_{95}^4\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{19}^4$
74384	1224	1260	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{35}$
74385	1224	1980	$\frac{4}{55}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{396}\ \Phi_{330}\ \Phi_{198}\ \Phi_{132}\ \Phi_{66}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
74386	1224	1420	$\frac{5}{71}$	$\frac{3}{20}$	$\frac{11}{71}$	$\frac{1}{4}$	$\Phi_{1420}\ \Phi_{710}\ \Phi_{355}\ \Phi_{71}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
74387	1224	1820	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{91}$
74388	1224	1420	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1420}\ \Phi_{710}\ \Phi_{355}\ \Phi_{71}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
74389	1224	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{180}^7\ \Phi_{90}^8\ \Phi_{60}^7\ \Phi_{45}^8\ \Phi_{36}^8\ \Phi_{30}^8\ \Phi_{18}^9\ \Phi_{15}^8\ \Phi_{12}^8\ \Phi_9^8\ \Phi_6^9\ \Phi_3^8$
74390	1224	770	$\frac{3}{35}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{8}{35}$	$\Phi_{770}^2\ \Phi_{385}\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}\ \Phi_{70}^2\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{22}^4\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_2^4\ \Phi_1^4$
74391	1224	110	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{5}{22}$	$\Phi_{110}^{10}\ \Phi_{55}^{11}\ \Phi_{22}^{12}\ \Phi_{11}^{12}\ \Phi_{10}^{14}\ \Phi_5^{14}\ \Phi_2^{16}\ \Phi_1^{16}$
74392	1224	198	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{5}{22}$	$\Phi_{198}^9\ \Phi_{99}^5\ \Phi_{66}^9\ \Phi_{33}^5\ \Phi_{18}^9\ \Phi_9^4\ \Phi_6^9\ \Phi_3^4$
74393	1224	154	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{5}{22}$	$\Phi_{154}^{10}\ \Phi_{77}^5\ \Phi_{22}^{12}\ \Phi_{14}^{10}\ \Phi_{11}^6\ \Phi_7^{10}\ \Phi_2^{12}\ \Phi_1^{12}$
74394	1224	1764	$\frac{1}{9}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{196}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{294}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
74395	1224	1265	$\frac{4}{55}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{5}{23}$	$\Phi_{1265}\ \Phi_{253}\ \Phi_{55}^2\ \Phi_{23}\ \Phi_{11}^2\ \Phi_1^2$
74396	1224	460	$\frac{1}{10}$	$\frac{3}{23}$	$\frac{3}{20}$	$\frac{5}{23}$	$\Phi_{460}^3\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{92}^3\ \Phi_{46}^2\ \Phi_{23}^3\ \Phi_{20}^6\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
74397	1224	385	$\frac{4}{55}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{385}^4\ \Phi_{77}^4\ \Phi_{35}$
74398	1224	875	$\frac{2}{25}$	$\frac{1}{7}$	$\frac{23}{125}$	$\frac{1}{5}$	$\Phi_{875}^2\ \Phi_{35}$
74399	1224	525	$\frac{7}{75}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{525}^3\ \Phi_{175}^2\ \Phi_{105}^3\ \Phi_{35}^3\ \Phi_{21}^3\ \Phi_7^2$
74400	1224	140	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{5}$	$\Phi_{140}^{12}\ \Phi_{70}^8\ \Phi_{35}^9\ \Phi_{28}^{12}\ \Phi_{14}^8\ \Phi_7^8$
74401	1224	287	$\frac{5}{41}$	$\frac{1}{7}$	$\frac{6}{41}$	$\frac{7}{41}$	$\Phi_{287}^5\ \Phi_7^4$
74402	1225	488	$\frac{1}{244}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{243}{488}$	$\Phi_{488}\ \Phi_{244}^4\ \Phi_{122}^4\ \Phi_{61}^4\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
74403	1225	348	$\frac{1}{174}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{173}{348}$	$\Phi_{348}\ \Phi_{174}^6\ \Phi_{116}\ \Phi_{87}^6\ \Phi_{58}^6\ \Phi_{29}^6\ \Phi_{12}^2\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
74404	1225	1044	$\frac{1}{174}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{173}{348}$	$\Phi_{1044}^3\ \Phi_{348}\ \Phi_{116}\ \Phi_{36}^3\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
74405	1225	2176	$\frac{1}{136}$	$\frac{137}{1088}$	$\frac{951}{2176}$	$\frac{135}{272}$	$\Phi_{2176}\ \Phi_{272}\ \Phi_{128}\ \Phi_{16}\ \Phi_1$
74406	1225	1632	$\frac{1}{136}$	$\frac{407}{1632}$	$\frac{137}{544}$	$\frac{135}{272}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{102}\ \Phi_{96}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
74407	1225	2432	$\frac{9}{1216}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1207}{2432}$	$\Phi_{2432}\ \Phi_{128}\ \Phi_{16}\ \Phi_1$
74408	1225	486	$\frac{2}{243}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{241}{486}$	$\Phi_{486}^2\ \Phi_{243}^3\ \Phi_{162}^2\ \Phi_{81}^3\ \Phi_{54}^2\ \Phi_{27}^3\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
74409	1225	984	$\frac{1}{82}$	$\frac{1}{6}$	$\frac{83}{328}$	$\frac{81}{164}$	$\Phi_{984}^2\ \Phi_{328}\ \Phi_{246}^2\ \Phi_{123}^2\ \Phi_{82}\ \Phi_{41}\ \Phi_{24}^2\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
74410	1225	2304	$\frac{1}{72}$	$\frac{73}{1152}$	$\frac{1079}{2304}$	$\frac{71}{144}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
74411	1225	1728	$\frac{1}{72}$	$\frac{73}{576}$	$\frac{503}{1728}$	$\frac{71}{144}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
74412	1225	288	$\frac{1}{72}$	$\frac{43}{288}$	$\frac{73}{288}$	$\frac{71}{144}$	$\Phi_{288}^4\ \Phi_{144}^5\ \Phi_{96}^4\ \Phi_{72}^4\ \Phi_{48}^5\ \Phi_{36}^4\ \Phi_{32}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
74413	1225	344	$\frac{3}{172}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{169}{344}$	$\Phi_{344}^{3}\ \Phi_{172}^{4}\ \Phi_{86}^{4}\ \Phi_{43}^{4}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
74414	1225	1476	$\frac{5}{246}$	$\frac{1}{6}$	$\frac{251}{1476}$	$\frac{241}{492}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{369}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
74415	1225	96	$\frac{1}{48}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{47}{96}$	$\Phi_{96}^{25}\ \Phi_{48}\ \Phi_{32}^{25}\ \Phi_{16}\ \Phi_{1}$
74416	1225	864	$\frac{1}{48}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{864}^{3}\ \Phi_{288}^{3}\ \Phi_{96}\ \Phi_{32}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
74417	1225	288	$\frac{1}{48}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{47}{96}$	$\Phi_{288}^{12}\ \Phi_{96}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
74418	1225	672	$\frac{1}{48}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{47}{96}$	$\Phi_{672}^{4}\ \Phi_{224}^{4}\ \Phi_{96}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
74419	1225	96	$\frac{1}{48}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{47}{96}$	$\Phi_{96}^{9}\ \Phi_{48}^{16}\ \Phi_{32}^{10}\ \Phi_{24}^{16}\ \Phi_{16}^{17}\ \Phi_{12}^{16}\ \Phi_{8}^{16}\ \Phi_{6}^{16}\ \Phi_{4}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
74420	1225	96	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{47}{96}$	$\Phi_{96}^{25}\ \Phi_{32}^{25}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
74421	1225	68	$\frac{1}{34}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{33}{68}$	$\Phi_{68}^{2}\ \Phi_{34}^{34}\ \Phi_{17}^{34}\ \Phi_{4}^{2}\ \Phi_{2}^{34}\ \Phi_{1}^{35}$
74422	1225	204	$\frac{1}{34}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{33}{68}$	$\Phi_{204}^{17}\ \Phi_{68}\ \Phi_{51}\ \Phi_{12}^{17}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
74423	1225	68	$\frac{1}{34}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{33}{68}$	$\Phi_{68}^{35}\ \Phi_{17}^{2}\ \Phi_{4}^{35}\ \Phi_{1}^{3}$
74424	1225	408	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{33}{68}$	$\Phi_{408}^{4}\ \Phi_{204}^{2}\ \Phi_{136}^{2}\ \Phi_{102}^{4}\ \Phi_{68}\ \Phi_{51}^{4}\ \Phi_{34}^{2}\ \Phi_{24}^{6}\ \Phi_{17}^{2}\ \Phi_{12}^{4}\ \Phi_{8}^{3}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
74425	1225	2376	$\frac{37}{1188}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1151}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{88}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
74426	1225	1408	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{183}{1408}$	$\frac{169}{352}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{176}\ \Phi_{128}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
74427	1225	1656	$\frac{17}{414}$	$\frac{1}{18}$	$\frac{431}{1656}$	$\frac{397}{828}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{414}\ \Phi_{207}\ \Phi_{184}\ \Phi_{138}\ \Phi_{72}\ \Phi_{69}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{8}\ \Phi_{1}$
74428	1225	816	$\frac{2}{51}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{816}^{3}\ \Phi_{272}^{3}\ \Phi_{51}\ \Phi_{48}\ \Phi_{17}\ \Phi_{16}\ \Phi_{1}$
74429	1225	144	$\frac{1}{24}$	$\frac{1}{24}$	$\frac{23}{72}$	$\frac{23}{48}$	$\Phi_{144}^{24}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
74430	1225	624	$\frac{1}{24}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{624}^{4}\ \Phi_{208}^{4}\ \Phi_{52}\ \Phi_{48}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
74431	1225	192	$\frac{1}{24}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{23}{48}$	$\Phi_{192}^{8}\ \Phi_{96}^{8}\ \Phi_{64}^{9}\ \Phi_{48}\ \Phi_{32}^{9}\ \Phi_{16}\ \Phi_{1}$
74432	1225	240	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{23}{48}$	$\Phi_{240}^{12}\ \Phi_{80}^{12}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
74433	1225	432	$\frac{1}{24}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{23}{48}$	$\Phi_{432}^{6}\ \Phi_{144}^{6}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
74434	1225	288	$\frac{1}{24}$	$\frac{5}{48}$	$\frac{43}{288}$	$\frac{23}{48}$	$\Phi_{288}^{5}\ \Phi_{144}^{5}\ \Phi_{96}^{5}\ \Phi_{72}^{5}\ \Phi_{48}\ \Phi_{36}^{5}\ \Phi_{32}^{5}\ \Phi_{18}^{5}\ \Phi_{16}\ \Phi_{9}^{5}\ \Phi_{1}$
74435	1225	48	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{23}{48}$	$\Phi_{48}^{49}\ \Phi_{16}^{49}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
74436	1225	396	$\frac{1}{36}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{396}^{3}\ \Phi_{198}^{3}\ \Phi_{132}^{3}\ \Phi_{99}^{3}\ \Phi_{66}^{2}\ \Phi_{44}^{3}\ \Phi_{36}^{5}\ \Phi_{33}^{3}\ \Phi_{22}^{2}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{11}^{3}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
74437	1225	264	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{31}{66}$	$\Phi_{264}^{5}\ \Phi_{132}^{5}\ \Phi_{88}^{6}\ \Phi_{44}^{6}\ \Phi_{33}^{5}\ \Phi_{24}^{5}\ \Phi_{22}\ \Phi_{12}^{5}\ \Phi_{11}^{5}\ \Phi_{8}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
74438	1225	192	$\frac{1}{16}$	$\frac{17}{192}$	$\frac{1}{8}$	$\frac{15}{32}$	$\Phi_{192}^{7}\ \Phi_{96}^{7}\ \Phi_{64}^{7}\ \Phi_{48}^{7}\ \Phi_{24}^{7}\ \Phi_{16}^{7}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
74439	1225	2304	$\frac{1}{24}$	$\frac{73}{1152}$	$\frac{23}{96}$	$\frac{1079}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
74440	1225	2288	$\frac{81}{1144}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1063}{2288}$	$\Phi_{2288}\ \Phi_{208}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
74441	1225	144	$\frac{1}{36}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{144}^{12}\ \Phi_{48}^{11}\ \Phi_{36}^{11}\ \Phi_{18}^{11}\ \Phi_{16}^{11}\ \Phi_{12}^{10}\ \Phi_{9}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
74442	1225	1170	$\frac{1}{26}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{130}^{2}\ \Phi_{117}\ \Phi_{78}\ \Phi_{65}^{2}\ \Phi_{45}\ \Phi_{39}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
74443	1225	576	$\frac{1}{36}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{576}^{4}\ \Phi_{192}^{4}\ \Phi_{64}^{3}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
74444	1225	64	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{29}{64}$	$\Phi_{64}^{35}\ \Phi_{16}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
74445	1225	780	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{195}^{2}\ \Phi_{156}^{2}\ \Phi_{130}^{2}\ \Phi_{78}^{2}\ \Phi_{65}^{2}\ \Phi_{60}\ \Phi_{39}^{2}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
74446	1225	243	$\frac{8}{243}$	$\frac{1}{9}$	$\frac{47}{243}$	$\frac{4}{9}$	$\Phi_{243}^{5}\ \Phi_{81}^{5}\ \Phi_{27}^{5}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
74447	1225	1824	$\frac{9}{608}$	$\frac{1}{8}$	$\frac{599}{1824}$	$\frac{7}{16}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}\ \Phi_{57}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
74448	1225	1248	$\frac{23}{1248}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
74449	1225	304	$\frac{9}{304}$	$\frac{1}{8}$	$\frac{59}{304}$	$\frac{7}{16}$	$\Phi_{304}^4\ \Phi_{152}^4\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{16}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
74450	1225	256	$\frac{11}{256}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{256}^5\ \Phi_{128}^5\ \Phi_{64}^4\ \Phi_{32}^4\ \Phi_{16}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
74451	1225	432	$\frac{1}{72}$	$\frac{29}{216}$	$\frac{71}{216}$	$\frac{187}{432}$	$\Phi_{432}^5\ \Phi_{216}\ \Phi_{144}^5\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}^5\ \Phi_{27}\ \Phi_{16}^5\ \Phi_1$
74452	1225	432	$\frac{1}{36}$	$\frac{29}{216}$	$\frac{7}{36}$	$\frac{187}{432}$	$\Phi_{432}^5\ \Phi_{144}^5\ \Phi_{48}^5\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
74453	1225	88	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{3}{22}$	$\frac{19}{44}$	$\Phi_{88}^{16}\ \Phi_{44}^9\ \Phi_{22}^{15}\ \Phi_{11}^{15}\ \Phi_8^{15}\ \Phi_4^8\ \Phi_2^{14}\ \Phi_1^{15}$
74454	1225	216	$\frac{1}{36}$	$\frac{5}{36}$	$\frac{41}{216}$	$\frac{31}{72}$	$\Phi_{216}^7\ \Phi_{108}^7\ \Phi_{54}^7\ \Phi_{36}^6\ \Phi_{27}^7\ \Phi_{18}^6\ \Phi_{12}^6\ \Phi_9^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
74455	1225	2112	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{169}{1056}$	$\frac{887}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{176}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
74456	1225	1728	$\frac{1}{72}$	$\frac{71}{432}$	$\frac{503}{1728}$	$\frac{361}{864}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
74457	1225	708	$\frac{2}{177}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{708}^3\ \Phi_{236}^3\ \Phi_{177}\ \Phi_{59}\ \Phi_{12}\ \Phi_4\ \Phi_1$
74458	1225	1044	$\frac{1}{87}$	$\frac{1}{6}$	$\frac{86}{261}$	$\frac{5}{12}$	$\Phi_{1044}^3\ \Phi_{261}\ \Phi_{36}^3\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
74459	1225	696	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{57}{232}$	$\frac{5}{12}$	$\Phi_{696}^2\ \Phi_{232}^3\ \Phi_{174}^2\ \Phi_{116}\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
74460	1225	348	$\frac{2}{87}$	$\frac{1}{6}$	$\frac{17}{87}$	$\frac{5}{12}$	$\Phi_{348}^6\ \Phi_{116}^6\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{12}^7\ \Phi_4^7\ \Phi_3^2\ \Phi_1^3$
74461	1225	36	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{36}^{35}\ \Phi_{18}^{35}\ \Phi_{12}^{30}\ \Phi_9^{35}\ \Phi_6^{34}\ \Phi_4^{30}\ \Phi_3^{34}\ \Phi_2^{34}\ \Phi_1^{35}$
74462	1225	348	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{348}^6\ \Phi_{116}^6\ \Phi_{29}^6\ \Phi_{12}^7\ \Phi_4^7\ \Phi_1^7$
74463	1225	312	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{312}^4\ \Phi_{156}^2\ \Phi_{104}^6\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^4\ \Phi_{26}^5\ \Phi_{24}^2\ \Phi_{13}^5\ \Phi_{12}\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
74464	1225	51	$\frac{2}{51}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{51}^{25}\ \Phi_{17}^{22}\ \Phi_3^{25}\ \Phi_1^{23}$
74465	1225	288	$\frac{1}{36}$	$\frac{43}{288}$	$\frac{7}{36}$	$\frac{29}{72}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^5\ \Phi_{48}^5\ \Phi_{36}^4\ \Phi_{32}^5\ \Phi_{18}^4\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
74466	1225	246	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{8}{41}$	$\frac{33}{82}$	$\Phi_{246}^6\ \Phi_{123}^6\ \Phi_{82}\ \Phi_{41}^5\ \Phi_6^5\ \Phi_3^5\ \Phi_1^5$
74467	1225	306	$\frac{1}{51}$	$\frac{10}{51}$	$\frac{61}{306}$	$\frac{41}{102}$	$\Phi_{306}^5\ \Phi_{153}^5\ \Phi_{51}^4\ \Phi_{18}^5\ \Phi_{17}^4\ \Phi_9^5\ \Phi_3^4\ \Phi_1^5$
74468	1225	408	$\frac{1}{51}$	$\frac{10}{51}$	$\frac{41}{204}$	$\frac{163}{408}$	$\Phi_{408}^5\ \Phi_{136}^5\ \Phi_{51}^4\ \Phi_{24}^5\ \Phi_{17}^4\ \Phi_8^5\ \Phi_3^4\ \Phi_1^5$
74469	1225	288	$\frac{1}{36}$	$\frac{5}{36}$	$\frac{31}{144}$	$\frac{113}{288}$	$\Phi_{288}^7\ \Phi_{96}^7\ \Phi_{36}^6\ \Phi_{32}^7\ \Phi_{18}^6\ \Phi_{12}^6\ \Phi_9^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
74470	1225	1040	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{1040}^2\ \Phi_{208}^2\ \Phi_{130}^2\ \Phi_{80}\ \Phi_{65}^2\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_1$
74471	1225	192	$\frac{1}{24}$	$\frac{17}{192}$	$\frac{23}{96}$	$\frac{73}{192}$	$\Phi_{192}^6\ \Phi_{96}^7\ \Phi_{64}^6\ \Phi_{48}^7\ \Phi_{32}^7\ \Phi_{24}^6\ \Phi_{16}^7\ \Phi_{12}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
74472	1225	1968	$\frac{5}{246}$	$\frac{1}{6}$	$\frac{241}{984}$	$\frac{743}{1968}$	$\Phi_{1968}\ \Phi_{656}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}\ \Phi_{48}\ \Phi_{41}\ \Phi_{16}\ \Phi_1$
74473	1225	1464	$\frac{1}{122}$	$\frac{1}{4}$	$\frac{121}{366}$	$\frac{3}{8}$	$\Phi_{1464}^2\ \Phi_{366}\ \Phi_{183}\ \Phi_{24}^2\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
74474	1225	248	$\frac{3}{248}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{248}^5\ \Phi_{124}^5\ \Phi_{62}^5\ \Phi_{31}^5\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
74475	1225	488	$\frac{1}{61}$	$\frac{12}{61}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{488}^4\ \Phi_{61}^4\ \Phi_8^5\ \Phi_1^5$
74476	1225	600	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{600}^4\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^4\ \Phi_{75}^2\ \Phi_{50}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
74477	1225	488	$\frac{3}{122}$	$\frac{17}{122}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{488}^4\ \Phi_{122}^2\ \Phi_{61}^2\ \Phi_8^5\ \Phi_2^2\ \Phi_1^3$
74478	1225	72	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^{16}\ \Phi_{36}^{19}\ \Phi_{24}^{16}\ \Phi_{18}^{19}\ \Phi_{12}^{19}\ \Phi_9^{19}\ \Phi_8^{12}\ \Phi_6^{19}\ \Phi_4^{14}\ \Phi_3^{19}\ \Phi_2^{14}\ \Phi_1^{15}$
74479	1225	108	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{108}^9\ \Phi_{54}^8\ \Phi_{36}^{17}\ \Phi_{27}^9\ \Phi_{18}^{16}\ \Phi_{12}^{17}\ \Phi_9^{16}\ \Phi_6^{16}\ \Phi_4^{17}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
74480	1225	1872	$\frac{1}{24}$	$\frac{23}{312}$	$\frac{289}{936}$	$\frac{647}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
74481	1225	1296	$\frac{71}{1296}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
74482	1225	264	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{43}{132}$	$\frac{89}{264}$	$\Phi_{264}^3\ \Phi_{132}^4\ \Phi_{88}^7\ \Phi_{66}^4\ \Phi_{44}^7\ \Phi_{33}^4\ \Phi_{24}^3\ \Phi_{22}^7\ \Phi_{12}^4\ \Phi_{11}^7\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
74483	1225	1836	$\frac{1}{153}$	$\frac{152}{459}$	$\frac{611}{1836}$	$\frac{307}{918}$	$\Phi_{1836}\ \Phi_{612}\ \Phi_{459}\ \Phi_{204}\ \Phi_{108}\ \Phi_{68}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
74484	1225	531	$\frac{2}{177}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{531}^3\ \Phi_{177}\ \Phi_{59}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
74485	1225	459	$\frac{2}{51}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{459}^{3}\ \Phi_{153}^{3}\ \Phi_{51}\ \Phi_{27}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
74486	1225	261	$\frac{1}{87}$	$\frac{2}{9}$	$\frac{86}{261}$	$\frac{1}{3}$	$\Phi_{261}^{4}\ \Phi_{87}^{6}\ \Phi_{29}^{6}\ \Phi_{9}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
74487	1225	216	$\frac{1}{24}$	$\frac{2}{27}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{216}^{6}\ \Phi_{108}^{6}\ \Phi_{72}^{4}\ \Phi_{54}^{6}\ \Phi_{36}^{4}\ \Phi_{27}^{7}\ \Phi_{24}^{6}\ \Phi_{18}^{4}\ \Phi_{12}^{6}\ \Phi_{9}^{5}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
74488	1225	612	$\frac{2}{51}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{612}^{3}\ \Phi_{306}^{3}\ \Phi_{153}^{3}\ \Phi_{51}\ \Phi_{36}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
74489	1225	1428	$\frac{2}{51}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{238}\ \Phi_{119}\ \Phi_{51}\ \Phi_{28}\ \Phi_{17}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
74490	1225	1404	$\frac{3}{52}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{234}\ \Phi_{117}\ \Phi_{52}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
74491	1225	2088	$\frac{1}{58}$	$\frac{2}{9}$	$\frac{57}{232}$	$\frac{1}{3}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{232}\ \Phi_{116}\ \Phi_{72}\ \Phi_{36}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
74492	1225	324	$\frac{2}{81}$	$\frac{1}{6}$	$\frac{79}{324}$	$\frac{1}{3}$	$\Phi_{324}^{5}\ \Phi_{162}^{2}\ \Phi_{108}^{5}\ \Phi_{81}^{3}\ \Phi_{54}^{2}\ \Phi_{36}^{5}\ \Phi_{27}^{3}\ \Phi_{18}^{2}\ \Phi_{12}^{5}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
74493	1225	1728	$\frac{1}{16}$	$\frac{2}{27}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{64}\ \Phi_{32}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
74494	1225	261	$\frac{2}{87}$	$\frac{17}{87}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{261}^{6}\ \Phi_{87}^{2}\ \Phi_{29}^{2}\ \Phi_{9}^{7}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
74495	1225	36	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{36}^{35}\ \Phi_{18}^{32}\ \Phi_{12}^{35}\ \Phi_{9}^{33}\ \Phi_{6}^{34}\ \Phi_{4}^{35}\ \Phi_{3}^{34}\ \Phi_{2}^{34}\ \Phi_{1}^{35}$
74496	1225	261	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{261}^{6}\ \Phi_{29}^{6}\ \Phi_{9}^{7}\ \Phi_{1}^{7}$
74497	1225	936	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{234}\ \Phi_{117}\ \Phi_{104}^{2}\ \Phi_{72}\ \Phi_{52}^{2}\ \Phi_{36}\ \Phi_{26}\ \Phi_{13}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
74498	1225	1632	$\frac{2}{51}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{272}\ \Phi_{51}\ \Phi_{32}\ \Phi_{17}\ \Phi_{16}\ \Phi_{1}$
74499	1225	540	$\frac{2}{27}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{540}^{3}\ \Phi_{270}^{3}\ \Phi_{180}^{3}\ \Phi_{135}^{3}\ \Phi_{90}^{3}\ \Phi_{60}\ \Phi_{45}^{3}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
74500	1225	102	$\frac{2}{51}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{102}^{12}\ \Phi_{51}^{13}\ \Phi_{34}^{12}\ \Phi_{17}^{13}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
74501	1225	54	$\frac{2}{27}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{54}^{22}\ \Phi_{27}^{23}\ \Phi_{18}^{22}\ \Phi_{9}^{23}\ \Phi_{6}^{24}\ \Phi_{3}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
74502	1225	216	$\frac{2}{27}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{216}^{6}\ \Phi_{108}^{6}\ \Phi_{72}^{6}\ \Phi_{54}^{6}\ \Phi_{36}^{6}\ \Phi_{27}^{7}\ \Phi_{18}^{6}\ \Phi_{9}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
74503	1225	1584	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{359}{1584}$	$\frac{169}{528}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}\ \Phi_{16}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
74504	1225	72	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{23}{72}$	$\Phi_{72}^{13}\ \Phi_{36}^{14}\ \Phi_{24}^{24}\ \Phi_{18}^{14}\ \Phi_{12}^{24}\ \Phi_{9}^{14}\ \Phi_{8}^{24}\ \Phi_{6}^{24}\ \Phi_{4}^{24}\ \Phi_{3}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
74505	1225	504	$\frac{1}{24}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{23}{72}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{126}^{4}\ \Phi_{72}\ \Phi_{63}^{4}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
74506	1225	288	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{23}{72}$	$\Phi_{288}^{8}\ \Phi_{144}^{8}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
74507	1225	72	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{23}{72}$	$\Phi_{72}^{25}\ \Phi_{36}^{25}\ \Phi_{18}^{25}\ \Phi_{9}^{25}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
74508	1225	1782	$\frac{1}{18}$	$\frac{37}{594}$	$\frac{557}{1782}$	$\frac{17}{54}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{1}$
74509	1225	51	$\frac{1}{17}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{16}{51}$	$\Phi_{51}^{19}\ \Phi_{17}^{34}\ \Phi_{3}^{19}\ \Phi_{1}^{35}$
74510	1225	51	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{16}{51}$	$\Phi_{51}^{35}\ \Phi_{17}^{2}\ \Phi_{3}^{35}\ \Phi_{1}^{3}$
74511	1225	408	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{16}{51}$	$\Phi_{408}^{3}\ \Phi_{204}^{3}\ \Phi_{136}^{4}\ \Phi_{102}\ \Phi_{68}^{4}\ \Phi_{51}^{2}\ \Phi_{34}^{2}\ \Phi_{24}^{5}\ \Phi_{17}^{2}\ \Phi_{12}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{2}\ \Phi_{4}^{5}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
74512	1225	468	$\frac{3}{52}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{468}^{4}\ \Phi_{234}^{4}\ \Phi_{117}^{4}\ \Phi_{52}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
74513	1225	576	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{15}{64}$	$\frac{11}{36}$	$\Phi_{576}^{4}\ \Phi_{288}^{4}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
74514	1225	180	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{11}{36}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}\ \Phi_{45}^{12}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
74515	1225	108	$\frac{1}{12}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{11}{36}$	$\Phi_{108}^{12}\ \Phi_{54}^{13}\ \Phi_{36}^{7}\ \Phi_{27}^{13}\ \Phi_{18}^{8}\ \Phi_{12}^{12}\ \Phi_{9}^{8}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
74516	1225	72	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{11}{36}$	$\Phi_{72}^{24}\ \Phi_{36}^{25}\ \Phi_{18}^{25}\ \Phi_{9}^{25}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
74517	1225	792	$\frac{1}{11}$	$\frac{23}{198}$	$\frac{1}{8}$	$\frac{10}{33}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}^{2}\ \Phi_{72}^{2}\ \Phi_{44}^{2}\ \Phi_{36}^{2}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
74518	1225	187	$\frac{12}{187}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{187}^{7}\ \Phi_{17}^{2}\ \Phi_{11}^{7}\ \Phi_{1}^{3}$
74519	1225	192	$\frac{17}{192}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{192}^{7}\ \Phi_{96}^{7}\ \Phi_{64}^{7}\ \Phi_{48}^{7}\ \Phi_{32}^{7}\ \Phi_{16}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
74520	1225	1728	$\frac{1}{24}$	$\frac{73}{576}$	$\frac{23}{96}$	$\frac{503}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
74521	1225	68	$\frac{3}{68}$	$\frac{11}{68}$	$\frac{13}{68}$	$\frac{19}{68}$	$\Phi_{68}^{18}\ \Phi_{34}^{18}\ \Phi_{17}^{18}\ \Phi_4^{18}\ \Phi_2^{18}\ \Phi_1^{19}$
74522	1225	135	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{135}$	$\Phi_{135}^{8}\ \Phi_{45}^{9}\ \Phi_{27}^{12}\ \Phi_{15}^{9}\ \Phi_{9}^{12}\ \Phi_{5}^{9}\ \Phi_{3}^{12}\ \Phi_{1}^{13}$
74523	1225	144	$\frac{1}{36}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{144}^{8}\ \Phi_{72}^{8}\ \Phi_{48}^{7}\ \Phi_{36}^{11}\ \Phi_{24}^{7}\ \Phi_{18}^{11}\ \Phi_{16}^{8}\ \Phi_{12}^{10}\ \Phi_{9}^{11}\ \Phi_{8}^{8}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
74524	1225	48	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{13}{48}$	$\Phi_{48}^{35}\ \Phi_{24}^{35}\ \Phi_{16}^{7}\ \Phi_{12}^{35}\ \Phi_{8}^{6}\ \Phi_{6}^{35}\ \Phi_{4}^{6}\ \Phi_{3}^{35}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
74525	1225	324	$\frac{1}{36}$	$\frac{7}{36}$	$\frac{79}{324}$	$\frac{29}{108}$	$\Phi_{324}^{5}\ \Phi_{162}^{5}\ \Phi_{81}^{5}\ \Phi_{36}^{4}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
74526	1225	780	$\frac{1}{26}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{780}^{2}\ \Phi_{390}\ \Phi_{260}^{2}\ \Phi_{195}\ \Phi_{156}^{2}\ \Phi_{130}^{2}\ \Phi_{78}\ \Phi_{65}^{2}\ \Phi_{60}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{26}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_1$
74527	1225	288	$\frac{1}{24}$	$\frac{43}{288}$	$\frac{23}{96}$	$\frac{73}{288}$	$\Phi_{288}^{4}\ \Phi_{144}^{4}\ \Phi_{96}^{5}\ \Phi_{72}^{4}\ \Phi_{48}^{5}\ \Phi_{36}^{4}\ \Phi_{32}^{5}\ \Phi_{24}^{4}\ \Phi_{18}^{4}\ \Phi_{16}^{5}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
74528	1225	364	$\frac{3}{52}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{364}^{4}\ \Phi_{182}^{4}\ \Phi_{91}^{4}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}\ \Phi_{13}\ \Phi_{7}\ \Phi_1$
74529	1225	448	$\frac{1}{16}$	$\frac{3}{28}$	$\frac{15}{64}$	$\frac{1}{4}$	$\Phi_{448}^{4}\ \Phi_{224}^{4}\ \Phi_{64}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_1$
74530	1225	416	$\frac{3}{52}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{416}^{4}\ \Phi_{208}^{4}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
74531	1225	420	$\frac{1}{12}$	$\frac{3}{28}$	$\frac{11}{60}$	$\frac{1}{4}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{4}\ \Phi_{70}^{4}\ \Phi_{60}\ \Phi_{35}^{4}\ \Phi_{30}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_1$
74532	1225	156	$\frac{3}{52}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{156}^{8}\ \Phi_{78}^{8}\ \Phi_{52}^{9}\ \Phi_{39}^{8}\ \Phi_{26}^{9}\ \Phi_{13}^{9}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
74533	1225	756	$\frac{5}{54}$	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{756}^{2}\ \Phi_{378}^{2}\ \Phi_{252}^{2}\ \Phi_{189}^{2}\ \Phi_{126}^{2}\ \Phi_{63}^{2}\ \Phi_{54}\ \Phi_{28}\ \Phi_{27}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_1$
74534	1225	56	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{56}^{24}\ \Phi_{28}^{25}\ \Phi_{14}^{25}\ \Phi_{8}^{6}\ \Phi_{7}^{25}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
74535	1225	1536	$\frac{1}{24}$	$\frac{73}{384}$	$\frac{311}{1536}$	$\frac{23}{96}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
74536	1225	64	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{15}{64}$	$\Phi_{64}^{25}\ \Phi_{32}^{10}\ \Phi_{16}^{17}\ \Phi_{8}^{16}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
74537	1225	192	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{15}{64}$	$\Phi_{192}^{8}\ \Phi_{96}^{8}\ \Phi_{64}^{9}\ \Phi_{32}^{9}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
74538	1225	480	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{60}$	$\frac{7}{32}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{4}\ \Phi_{80}^{4}\ \Phi_{60}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_1$
74539	1225	864	$\frac{5}{54}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{32}$	$\Phi_{864}^{2}\ \Phi_{432}^{2}\ \Phi_{288}^{2}\ \Phi_{144}^{2}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_1$
74540	1225	32	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{32}$	$\Phi_{32}^{49}\ \Phi_{16}^{49}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
74541	1225	264	$\frac{19}{264}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{264}^{5}\ \Phi_{132}^{5}\ \Phi_{88}^{5}\ \Phi_{66}^{5}\ \Phi_{44}^{5}\ \Phi_{33}^{5}\ \Phi_{22}^{5}\ \Phi_{11}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
74542	1225	272	$\frac{27}{272}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{34}$	$\Phi_{272}^{5}\ \Phi_{136}^{5}\ \Phi_{68}^{5}\ \Phi_{17}^{2}\ \Phi_{16}^{5}\ \Phi_{8}^{5}\ \Phi_{4}^{5}\ \Phi_{1}^{3}$
74543	1225	88	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{9}{44}$	$\Phi_{88}^{16}\ \Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_{11}^{15}\ \Phi_{8}^{15}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{15}$
74544	1225	60	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{11}{60}$	$\Phi_{60}^{25}\ \Phi_{30}^{25}\ \Phi_{20}^{25}\ \Phi_{15}^{25}\ \Phi_{10}^{25}\ \Phi_{6}^{4}\ \Phi_{5}^{25}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
74545	1225	17	$\frac{2}{17}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{3}{17}$	$\Phi_{17}^{72}\ \Phi_{1}^{73}$
74546	1225	408	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{3}{17}$	$\Phi_{408}^{4}\ \Phi_{204}^{4}\ \Phi_{136}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{51}^{2}\ \Phi_{24}^{6}\ \Phi_{17}^{2}\ \Phi_{12}^{6}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
74547	1225	204	$\frac{2}{17}$	$\frac{29}{204}$	$\frac{5}{34}$	$\frac{3}{17}$	$\Phi_{204}^{7}\ \Phi_{102}^{7}\ \Phi_{68}^{7}\ \Phi_{51}^{7}\ \Phi_{17}^{2}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{4}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{3}$
74548	1225	176	$\frac{21}{176}$	$\frac{1}{8}$	$\frac{29}{176}$	$\frac{31}{176}$	$\Phi_{176}^{7}\ \Phi_{88}^{7}\ \Phi_{44}^{7}\ \Phi_{22}^{7}\ \Phi_{16}^{7}\ \Phi_{11}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
74549	1225	612	$\frac{73}{612}$	$\frac{77}{612}$	$\frac{101}{612}$	$\frac{107}{612}$	$\Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{204}^{2}\ \Phi_{153}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{51}^{2}\ \Phi_{36}^{2}\ \Phi_{34}^{2}\ \Phi_{18}^{2}\ \Phi_{17}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
74550	1225	246	$\frac{29}{246}$	$\frac{31}{246}$	$\frac{1}{6}$	$\frac{43}{246}$	$\Phi_{246}^{5}\ \Phi_{123}^{5}\ \Phi_{82}^{5}\ \Phi_{41}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
74551	1225	54	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{54}^{25}\ \Phi_{27}^{25}\ \Phi_{18}^{25}\ \Phi_{9}^{25}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
74552	1225	288	$\frac{5}{48}$	$\frac{43}{288}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{288}^{5}\ \Phi_{144}^{5}\ \Phi_{96}^{5}\ \Phi_{72}^{5}\ \Phi_{36}^{5}\ \Phi_{32}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
74553	1225	24	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{24}^{48}\ \Phi_{12}^{48}\ \Phi_{8}^{54}\ \Phi_{6}^{52}\ \Phi_{4}^{54}\ \Phi_{3}^{52}\ \Phi_{2}^{58}\ \Phi_{1}^{59}$
74554	1226	980	$\frac{1}{245}$	$\frac{123}{490}$	$\frac{367}{980}$	$\frac{122}{245}$	$\Phi_{980}^{2}\ \Phi_{245}\ \Phi_{196}^{2}\ \Phi_{140}^{2}\ \Phi_{49}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
74555	1226	1220	$\frac{3}{610}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{607}{1220}$	$\Phi_{1220}^2\ \Phi_{244}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
74556	1226	1050	$\frac{1}{175}$	$\frac{88}{525}$	$\frac{437}{1050}$	$\frac{87}{175}$	$\Phi_{1050}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}\ \Phi_{150}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
74557	1226	1218	$\frac{4}{609}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{605}{1218}$	$\Phi_{1218}^2\ \Phi_{406}^2\ \Phi_{174}^2\ \Phi_{58}^2\ \Phi_{42}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
74558	1226	1215	$\frac{11}{1215}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{602}{1215}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}^2\ \Phi_9\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
74559	1226	820	$\frac{2}{205}$	$\frac{1}{5}$	$\frac{207}{820}$	$\frac{203}{410}$	$\Phi_{820}^2\ \Phi_{205}^2\ \Phi_{164}^2\ \Phi_{41}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
74560	1226	1204	$\frac{11}{602}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{591}{1204}$	$\Phi_{1204}^2\ \Phi_{172}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
74561	1226	1176	$\frac{1}{49}$	$\frac{25}{588}$	$\frac{563}{1176}$	$\frac{24}{49}$	$\Phi_{1176}^2\ \Phi_{392}^2\ \Phi_{168}^2\ \Phi_{56}^2\ \Phi_{49}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
74562	1226	882	$\frac{1}{49}$	$\frac{25}{294}$	$\frac{269}{882}$	$\frac{24}{49}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{49}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
74563	1226	686	$\frac{1}{49}$	$\frac{73}{686}$	$\frac{25}{98}$	$\frac{24}{49}$	$\Phi_{686}^2\ \Phi_{343}^2\ \Phi_{49}\ \Phi_7\ \Phi_1^2$
74564	1226	784	$\frac{1}{49}$	$\frac{25}{196}$	$\frac{171}{784}$	$\frac{24}{49}$	$\Phi_{784}^2\ \Phi_{392}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{49}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
74565	1226	735	$\frac{1}{49}$	$\frac{122}{735}$	$\frac{25}{147}$	$\frac{24}{49}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{105}^2\ \Phi_{49}\ \Phi_{35}^2\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
74566	1226	1200	$\frac{13}{600}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{587}{1200}$	$\Phi_{1200}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{25}\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
74567	1226	1200	$\frac{13}{600}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{587}{1200}$	$\Phi_{1200}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
74568	1226	1190	$\frac{1}{35}$	$\frac{18}{595}$	$\frac{577}{1190}$	$\frac{17}{35}$	$\Phi_{1190}^2\ \Phi_{238}^2\ \Phi_{170}^2\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{34}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
74569	1226	900	$\frac{1}{25}$	$\frac{13}{300}$	$\frac{287}{900}$	$\frac{12}{25}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{25}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
74570	1226	650	$\frac{1}{25}$	$\frac{37}{650}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{650}^2\ \Phi_{325}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{26}^2\ \Phi_{25}\ \Phi_{13}^2\ \Phi_5\ \Phi_1^2$
74571	1226	800	$\frac{1}{25}$	$\frac{13}{200}$	$\frac{187}{800}$	$\frac{12}{25}$	$\Phi_{800}^2\ \Phi_{400}^2\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{32}^2\ \Phi_{25}\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
74572	1226	750	$\frac{1}{25}$	$\frac{13}{150}$	$\frac{137}{750}$	$\frac{12}{25}$	$\Phi_{750}^2\ \Phi_{375}^2\ \Phi_{250}^2\ \Phi_{125}^2\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
74573	1226	675	$\frac{1}{25}$	$\frac{62}{675}$	$\frac{13}{75}$	$\frac{12}{25}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{25}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
74574	1226	700	$\frac{1}{25}$	$\frac{87}{700}$	$\frac{13}{100}$	$\frac{12}{25}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{25}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
74575	1226	1176	$\frac{25}{588}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{563}{1176}$	$\Phi_{1176}^2\ \Phi_{392}^2\ \Phi_{168}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
74576	1226	672	$\frac{3}{56}$	$\frac{59}{672}$	$\frac{1}{7}$	$\frac{53}{112}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
74577	1226	1155	$\frac{1}{35}$	$\frac{71}{1155}$	$\frac{34}{105}$	$\frac{542}{1155}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}^2\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
74578	1226	1155	$\frac{71}{1155}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{542}{1155}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}^2\ \Phi_{55}\ \Phi_{35}\ \Phi_{33}\ \Phi_{21}\ \Phi_{15}\ \Phi_{11}^2\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
74579	1226	840	$\frac{1}{35}$	$\frac{17}{210}$	$\frac{227}{840}$	$\frac{193}{420}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
74580	1226	1125	$\frac{1}{25}$	$\frac{101}{1125}$	$\frac{24}{125}$	$\frac{512}{1125}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{225}\ \Phi_{125}^2\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
74581	1226	1120	$\frac{1}{35}$	$\frac{53}{560}$	$\frac{17}{70}$	$\frac{507}{1120}$	$\Phi_{1120}^2\ \Phi_{224}^2\ \Phi_{160}^2\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{32}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
74582	1226	1120	$\frac{3}{56}$	$\frac{53}{560}$	$\frac{1}{7}$	$\frac{507}{1120}$	$\Phi_{1120}^2\ \Phi_{224}^2\ \Phi_{160}^2\ \Phi_{56}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
74583	1226	750	$\frac{1}{25}$	$\frac{12}{125}$	$\frac{137}{750}$	$\frac{113}{250}$	$\Phi_{750}^2\ \Phi_{375}^2\ \Phi_{150}^2\ \Phi_{125}^2\ \Phi_{75}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
74584	1226	630	$\frac{17}{630}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
74585	1226	1078	$\frac{3}{77}$	$\frac{74}{539}$	$\frac{1}{7}$	$\frac{465}{1078}$	$\Phi_{1078}^2\ \Phi_{154}^2\ \Phi_{98}^2\ \Phi_{77}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
74586	1226	812	$\frac{4}{203}$	$\frac{1}{7}$	$\frac{199}{812}$	$\frac{3}{7}$	$\Phi_{812}^2\ \Phi_{406}^2\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
74587	1226	630	$\frac{17}{630}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
74588	1226	1050	$\frac{1}{35}$	$\frac{17}{105}$	$\frac{88}{525}$	$\frac{437}{1050}$	$\Phi_{1050}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{150}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
74589	1226	1025	$\frac{4}{205}$	$\frac{201}{1025}$	$\frac{1}{5}$	$\frac{412}{1025}$	$\Phi_{1025}\ \Phi_{205}^2\ \Phi_{41}^2\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
74590	1226	915	$\frac{3}{305}$	$\frac{1}{5}$	$\frac{302}{915}$	$\frac{2}{5}$	$\Phi_{915}^2\ \Phi_{183}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
74591	1226	620	$\frac{7}{620}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{620}^2\ \Phi_{310}^2\ \Phi_{155}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
74592	1226	1000	$\frac{1}{25}$	$\frac{12}{125}$	$\frac{113}{500}$	$\frac{387}{1000}$	$\Phi_{1000}^2\ \Phi_{200}^2\ \Phi_{125}^2\ \Phi_{40}^2\ \Phi_{25}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
74593	1226	700	$\frac{1}{35}$	$\frac{87}{700}$	$\frac{17}{70}$	$\frac{53}{140}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{100}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{35}\ \Phi_{25}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
74594	1226	945	$\frac{1}{35}$	$\frac{34}{315}$	$\frac{281}{945}$	$\frac{332}{945}$	$\Phi_{945}\ \Phi_{315}^2\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
74595	1226	924	$\frac{3}{154}$	$\frac{1}{7}$	$\frac{151}{462}$	$\frac{311}{924}$	$\Phi_{924}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
74596	1226	900	$\frac{13}{300}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{287}{900}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
74597	1226	693	$\frac{6}{77}$	$\frac{80}{693}$	$\frac{1}{7}$	$\frac{71}{231}$	$\Phi_{693}^2\ \Phi_{231}\ \Phi_{99}^2\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
74598	1226	672	$\frac{59}{672}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{84}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
74599	1226	840	$\frac{1}{35}$	$\frac{53}{280}$	$\frac{17}{70}$	$\frac{227}{840}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
74600	1226	840	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{53}{280}$	$\frac{227}{840}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
74601	1226	750	$\frac{1}{25}$	$\frac{137}{750}$	$\frac{24}{125}$	$\frac{101}{375}$	$\Phi_{750}^2\ \Phi_{375}\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{125}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
74602	1226	630	$\frac{17}{630}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
74603	1226	810	$\frac{11}{405}$	$\frac{1}{5}$	$\frac{197}{810}$	$\frac{4}{15}$	$\Phi_{810}^2\ \Phi_{405}\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}\ \Phi_{90}^2\ \Phi_{81}\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
74604	1226	675	$\frac{11}{135}$	$\frac{62}{675}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
74605	1226	784	$\frac{3}{28}$	$\frac{25}{196}$	$\frac{1}{7}$	$\frac{171}{784}$	$\Phi_{784}^2\ \Phi_{392}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
74606	1226	660	$\frac{47}{660}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
74607	1226	770	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{385}$	$\frac{157}{770}$	$\Phi_{770}^2\ \Phi_{385}\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}^2\ \Phi_{70}^2\ \Phi_{55}\ \Phi_{35}\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
74608	1226	750	$\frac{13}{150}$	$\frac{2}{15}$	$\frac{137}{750}$	$\frac{1}{5}$	$\Phi_{750}^2\ \Phi_{375}^2\ \Phi_{250}^2\ \Phi_{125}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
74609	1226	675	$\frac{62}{675}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{5}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
74610	1226	720	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{107}{720}$	$\frac{1}{5}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
74611	1227	1620	$\frac{4}{405}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{401}{810}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
74612	1227	492	$\frac{1}{82}$	$\frac{83}{492}$	$\frac{1}{4}$	$\frac{81}{164}$	$\Phi_{492}^3\ \Phi_{246}^3\ \Phi_{164}^2\ \Phi_{123}^3\ \Phi_{82}\ \Phi_{41}\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
74613	1227	800	$\frac{9}{400}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{391}{800}$	$\Phi_{800}^3\ \Phi_{160}^3\ \Phi_{32}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
74614	1227	420	$\frac{11}{420}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_7^3\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
74615	1227	1476	$\frac{1}{41}$	$\frac{40}{369}$	$\frac{1}{4}$	$\frac{329}{738}$	$\Phi_{1476}\ \Phi_{492}\ \Phi_{369}\ \Phi_{164}^2\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
74616	1227	656	$\frac{1}{82}$	$\frac{81}{328}$	$\frac{1}{4}$	$\frac{247}{656}$	$\Phi_{656}^3\ \Phi_{164}^2\ \Phi_{82}\ \Phi_{41}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
74617	1227	492	$\frac{1}{41}$	$\frac{83}{492}$	$\frac{1}{4}$	$\frac{40}{123}$	$\Phi_{492}^2\ \Phi_{246}^2\ \Phi_{164}^3\ \Phi_{123}^3\ \Phi_{82}^3\ \Phi_{41}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
74618	1227	600	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{191}{600}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
74619	1227	420	$\frac{11}{420}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^3\ \Phi_{60}^2\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_7^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
74620	1227	540	$\frac{4}{135}$	$\frac{1}{5}$	$\frac{131}{540}$	$\frac{1}{4}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^3\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^3\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
74621	1227	440	$\frac{31}{440}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{88}^3\ \Phi_{55}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{20}^2\ \Phi_{11}^3\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
74622	1227	900	$\frac{4}{45}$	$\frac{41}{450}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{900}^2\ \Phi_{450}\ \Phi_{300}^2\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
74623	1227	500	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{500}$	$\frac{1}{4}$	$\Phi_{500}^3\ \Phi_{250}^3\ \Phi_{125}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
74624	1227	900	$\frac{41}{450}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{4}$	$\Phi_{900}^2\ \Phi_{450}\ \Phi_{300}^2\ \Phi_{225}\ \Phi_{180}^2\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
74625	1227	480	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{480}$	$\frac{1}{4}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
74626	1228	612	$\frac{1}{306}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{305}{612}$	$\Phi_{612}^4\ \Phi_{204}^4\ \Phi_{68}^4\ \Phi_{36}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
74627	1228	1230	$\frac{1}{205}$	$\frac{103}{410}$	$\frac{1}{3}$	$\frac{102}{205}$	$\Phi_{1230}^2\ \Phi_{615}\ \Phi_{246}^2\ \Phi_{123}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
74628	1228	1830	$\frac{2}{305}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{303}{610}$	$\Phi_{1830}^2\ \Phi_{366}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
74629	1228	369	$\frac{1}{123}$	$\frac{62}{369}$	$\frac{1}{3}$	$\frac{61}{123}$	$\Phi_{369}^4\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
74630	1228	3040	$\frac{3}{304}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{301}{608}$	$\Phi_{3040}\ \Phi_{160}\ \Phi_{20}\ \Phi_{10}$
74631	1228	1215	$\frac{13}{1215}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{601}{1215}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
74632	1228	3010	$\frac{6}{301}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{295}{602}$	$\Phi_{3010}\ \Phi_{430}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
74633	1228	1760	$\frac{1}{44}$	$\frac{45}{352}$	$\frac{1}{5}$	$\frac{43}{88}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{20}\ \Phi_{10}$
74634	1228	600	$\frac{7}{300}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{293}{600}$	$\Phi_{600}^4\ \Phi_{200}^4\ \Phi_{120}^4\ \Phi_{40}^4\ \Phi_{24}^4\ \Phi_{15}^2\ \Phi_8^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
74635	1228	984	$\frac{1}{41}$	$\frac{21}{328}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{984}^2\ \Phi_{492}^2\ \Phi_{246}^2\ \Phi_{123}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
74636	1228	2970	$\frac{10}{297}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{287}{594}$	$\Phi_{2970}\ \Phi_{990}\ \Phi_{330}\ \Phi_{270}\ \Phi_{110}\ \Phi_{90}\ \Phi_{55}\ \Phi_{30}\ \Phi_{10}$
74637	1228	1680	$\frac{1}{28}$	$\frac{29}{336}$	$\frac{1}{5}$	$\frac{27}{56}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
74638	1228	2940	$\frac{13}{294}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{281}{588}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{420}\ \Phi_{140}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
74639	1228	315	$\frac{8}{315}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}^2\ \Phi_9^4\ \Phi_7^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
74640	1228	1722	$\frac{1}{41}$	$\frac{20}{287}$	$\frac{1}{3}$	$\frac{267}{574}$	$\Phi_{1722}^2\ \Phi_{246}^2\ \Phi_{123}\ \Phi_{42}^2\ \Phi_6^2$
74641	1228	2860	$\frac{1}{22}$	$\frac{21}{286}$	$\frac{1}{5}$	$\frac{265}{572}$	$\Phi_{2860}\ \Phi_{260}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{20}\ \Phi_{10}$
74642	1228	560	$\frac{1}{28}$	$\frac{27}{280}$	$\frac{1}{5}$	$\frac{253}{560}$	$\Phi_{560}^4\ \Phi_{140}\ \Phi_{112}^4\ \Phi_{80}^4\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{10}$
74643	1228	1107	$\frac{2}{123}$	$\frac{121}{1107}$	$\frac{1}{3}$	$\frac{493}{1107}$	$\Phi_{1107}\ \Phi_{369}\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
74644	1228	2640	$\frac{1}{44}$	$\frac{43}{264}$	$\frac{1}{5}$	$\frac{221}{528}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{240}\ \Phi_{220}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{20}\ \Phi_{10}$
74645	1228	930	$\frac{3}{310}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
74646	1228	492	$\frac{1}{123}$	$\frac{61}{246}$	$\frac{1}{3}$	$\frac{185}{492}$	$\Phi_{492}^4\ \Phi_{164}^4\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
74647	1228	1560	$\frac{5}{312}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}\ \Phi_{65}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
74648	1228	2310	$\frac{1}{77}$	$\frac{1}{5}$	$\frac{76}{231}$	$\frac{155}{462}$	$\Phi_{2310}\ \Phi_{770}\ \Phi_{385}\ \Phi_{330}\ \Phi_{210}\ \Phi_{110}\ \Phi_{70}\ \Phi_{55}\ \Phi_{35}\ \Phi_{30}\ \Phi_{10}$
74649	1228	309	$\frac{2}{309}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{309}^4\ \Phi_{103}^4\ \Phi_3\ \Phi_1^2$
74650	1228	459	$\frac{1}{153}$	$\frac{152}{459}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{459}^4\ \Phi_{27}^4\ \Phi_3\ \Phi_1^2$
74651	1228	408	$\frac{1}{102}$	$\frac{101}{408}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{408}^4\ \Phi_{204}^4\ \Phi_{136}^4\ \Phi_{68}^4\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
74652	1228	621	$\frac{7}{621}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{621}^2\ \Phi_{207}^2\ \Phi_{69}^2\ \Phi_{27}^2\ \Phi_{23}^2\ \Phi_3\ \Phi_1^2$
74653	1228	765	$\frac{2}{153}$	$\frac{151}{765}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{85}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
74654	1228	312	$\frac{5}{312}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{312}^4\ \Phi_{156}^4\ \Phi_{104}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{24}^4\ \Phi_{13}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
74655	1228	357	$\frac{1}{51}$	$\frac{50}{357}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{357}^4\ \Phi_{119}^4\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
74656	1228	315	$\frac{8}{315}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_7^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
74657	1228	1020	$\frac{1}{34}$	$\frac{33}{340}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
74658	1228	663	$\frac{2}{51}$	$\frac{49}{663}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{663}^2\ \Phi_{221}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
74659	1228	969	$\frac{16}{323}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{969}\ \Phi_{323}^2\ \Phi_{57}\ \Phi_{19}^2\ \Phi_3\ \Phi_1^2$
74660	1228	324	$\frac{17}{324}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{108}^4\ \Phi_{81}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
74661	1228	915	$\frac{4}{305}$	$\frac{1}{5}$	$\frac{301}{915}$	$\frac{1}{3}$	$\Phi_{915}\ \Phi_{305}^2\ \Phi_{183}\ \Phi_{61}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
74662	1228	369	$\frac{2}{123}$	$\frac{62}{369}$	$\frac{121}{369}$	$\frac{1}{3}$	$\Phi_{369}^3\ \Phi_{123}^4\ \Phi_{41}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
74663	1228	450	$\frac{7}{150}$	$\frac{1}{15}$	$\frac{143}{450}$	$\frac{1}{3}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{90}^4\ \Phi_{45}^4\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
74664	1228	315	$\frac{8}{315}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{45}^3\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_9^3\ \Phi_7^4\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
74665	1228	861	$\frac{1}{41}$	$\frac{40}{287}$	$\frac{247}{861}$	$\frac{1}{3}$	$\Phi_{861}\ \Phi_{287}^2\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
74666	1228	405	$\frac{13}{405}$	$\frac{2}{15}$	$\frac{98}{405}$	$\frac{1}{3}$	$\Phi_{405}^3\ \Phi_{135}^3\ \Phi_{81}^3\ \Phi_{45}^3\ \Phi_{27}^3\ \Phi_{15}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
74667	1228	330	$\frac{1}{15}$	$\frac{23}{330}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{55}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{15}^2\ \Phi_{11}^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
74668	1228	675	$\frac{1}{15}$	$\frac{61}{675}$	$\frac{14}{75}$	$\frac{1}{3}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
74669	1228	375	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{68}{375}$	$\frac{1}{3}$	$\Phi_{375}^4\ \Phi_{125}^4\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
74670	1228	360	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{53}{360}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_9^4\ \Phi_8^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
74671	1228	675	$\frac{61}{675}$	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
74672	1228	2280	$\frac{3}{152}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{149}{456}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{285}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
74673	1228	1980	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{89}{396}$	$\frac{43}{132}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{220}\ \Phi_{180}\ \Phi_{110}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{20}\ \Phi_{10}$
74674	1228	1680	$\frac{1}{14}$	$\frac{29}{336}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{140}\ \Phi_{120}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
74675	1228	330	$\frac{23}{330}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{330}^4\ \Phi_{165}^3\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{55}^4\ \Phi_{33}^4\ \Phi_{30}^4\ \Phi_{22}^4\ \Phi_{15}^3\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
74676	1228	420	$\frac{1}{28}$	$\frac{27}{140}$	$\frac{1}{5}$	$\frac{113}{420}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}\ \Phi_{30}^4\ \Phi_{21}^4\ \Phi_{20}\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^4\ \Phi_3^4$
74677	1228	409	$\frac{9}{409}$	$\frac{100}{409}$	$\frac{102}{409}$	$\frac{103}{409}$	$\Phi_{409}^3\ \Phi_1^4$
74678	1228	380	$\frac{3}{76}$	$\frac{73}{380}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{380}^3\ \Phi_{190}^3\ \Phi_{95}^3\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{20}^4\ \Phi_{19}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
74679	1228	320	$\frac{13}{320}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{320}^4\ \Phi_{160}^4\ \Phi_{80}^3\ \Phi_{64}^4\ \Phi_{40}^3\ \Phi_{32}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
74680	1228	1980	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{5}$	$\frac{89}{396}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{110}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
74681	1228	1960	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{5}$	$\frac{85}{392}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
74682	1229	2448	$\frac{5}{1224}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1219}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
74683	1229	2432	$\frac{13}{1216}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1203}{2432}$	$\Phi_{2432}\ \Phi_{128}\ \Phi_{16}\ \Phi_8\ \Phi_1$
74684	1229	1408	$\frac{3}{176}$	$\frac{179}{1408}$	$\frac{1}{4}$	$\frac{173}{352}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{176}\ \Phi_{128}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
74685	1229	2408	$\frac{25}{1204}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1179}{2408}$	$\Phi_{2408}\ \Phi_{344}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
74686	1229	1344	$\frac{3}{112}$	$\frac{115}{1344}$	$\frac{1}{4}$	$\frac{109}{224}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
74687	1229	2376	$\frac{41}{1188}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1147}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
74688	1229	2352	$\frac{53}{1176}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{1123}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
74689	1229	2288	$\frac{3}{88}$	$\frac{85}{1144}$	$\frac{1}{4}$	$\frac{1059}{2288}$	$\Phi_{2288}\ \Phi_{208}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
74690	1229	2240	$\frac{3}{112}$	$\frac{109}{1120}$	$\frac{1}{4}$	$\frac{1011}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
74691	1229	2112	$\frac{3}{176}$	$\frac{173}{1056}$	$\frac{1}{4}$	$\frac{883}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{192}\ \Phi_{176}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
74692	1229	1248	$\frac{19}{1248}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
74693	1229	1632	$\frac{5}{408}$	$\frac{403}{1632}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{272}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
74694	1229	1248	$\frac{19}{1248}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_1$
74695	1229	1360	$\frac{5}{136}$	$\frac{131}{1360}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{272}\ \Phi_{170}\ \Phi_{85}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
74696	1229	1296	$\frac{67}{1296}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_8\ \Phi_1$
74697	1229	1848	$\frac{3}{308}$	$\frac{1}{4}$	$\frac{305}{924}$	$\frac{619}{1848}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{168}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{28}\ \Phi_{24}\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_8\ \Phi_7\ \Phi_1$
74698	1229	1584	$\frac{3}{176}$	$\frac{355}{1584}$	$\frac{1}{4}$	$\frac{173}{528}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}\ \Phi_{16}\ \Phi_{11}\ \Phi_9\ \Phi_8\ \Phi_1$
74699	1229	1824	$\frac{13}{608}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{595}{1824}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}\ \Phi_{57}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
74700	1229	1344	$\frac{3}{56}$	$\frac{115}{1344}$	$\frac{1}{4}$	$\frac{53}{168}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{112}\ \Phi_{96}\ \Phi_{64}\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
74701	1229	1320	$\frac{3}{44}$	$\frac{91}{1320}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
74702	1229	1680	$\frac{3}{112}$	$\frac{109}{560}$	$\frac{1}{4}$	$\frac{451}{1680}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
74703	1229	1584	$\frac{3}{44}$	$\frac{41}{396}$	$\frac{355}{1584}$	$\frac{1}{4}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{88}\ \Phi_{72}\ \Phi_{48}\ \Phi_{44}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
74704	1229	1568	$\frac{3}{56}$	$\frac{53}{392}$	$\frac{339}{1568}$	$\frac{1}{4}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
74705	1229	1280	$\frac{51}{1280}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
74706	1229	1520	$\frac{13}{304}$	$\frac{3}{16}$	$\frac{291}{1520}$	$\frac{1}{4}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
74707	1230	1960	$\frac{1}{245}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{122}{245}$	$\Phi_{1960}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{56}\ \Phi_{49}\ \Phi_{40}\ \Phi_{35}\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
74708	1230	2040	$\frac{1}{204}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{203}{408}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}^2\ \Phi_{136}^2\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
74709	1230	408	$\frac{1}{204}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{203}{408}$	$\Phi_{408}^6\ \Phi_{136}^6\ \Phi_{24}^6\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
74710	1230	548	$\frac{1}{137}$	$\frac{1}{4}$	$\frac{69}{274}$	$\frac{68}{137}$	$\Phi_{548}^3\ \Phi_{274}\ \Phi_{137}^2\ \Phi_4^2\ \Phi_1^2$
74711	1230	2196	$\frac{1}{122}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{121}{244}$	$\Phi_{2196}\ \Phi_{732}\ \Phi_{244}^2\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
74712	1230	732	$\frac{1}{122}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{121}{244}$	$\Phi_{732}^3\ \Phi_{244}^4\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
74713	1230	1218	$\frac{2}{203}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{201}{406}$	$\Phi_{1218}^3\ \Phi_{174}^3\ \Phi_{42}^3\ \Phi_{21}\ \Phi_6^3$
74714	1230	2112	$\frac{1}{88}$	$\frac{89}{704}$	$\frac{1}{3}$	$\frac{87}{176}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
74715	1230	3648	$\frac{7}{608}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{601}{1216}$	$\Phi_{3648}\ \Phi_{192}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
74716	1230	2268	$\frac{1}{81}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{40}{81}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{324}\ \Phi_{252}\ \Phi_{108}\ \Phi_{84}\ \Phi_{81}\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
74717	1230	567	$\frac{1}{81}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{40}{81}$	$\Phi_{567}^2\ \Phi_{189}^2\ \Phi_{81}^3\ \Phi_{63}^2\ \Phi_{27}^3\ \Phi_{21}^2\ \Phi_9^3\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
74718	1230	324	$\frac{1}{81}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{40}{81}$	$\Phi_{324}^5\ \Phi_{162}^2\ \Phi_{108}^5\ \Phi_{81}^3\ \Phi_{54}^2\ \Phi_{36}^5\ \Phi_{27}^3\ \Phi_{18}^2\ \Phi_{12}^7\ \Phi_9^3\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
74719	1230	726	$\frac{2}{121}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{119}{242}$	$\Phi_{726}^5\ \Phi_{66}^5\ \Phi_{33}\ \Phi_6^5$
74720	1230	1229	$\frac{21}{1229}$	$\frac{125}{1229}$	$\frac{368}{1229}$	$\frac{604}{1229}$	$\Phi_{1229}\ \Phi_1^2$
74721	1230	672	$\frac{1}{56}$	$\frac{19}{224}$	$\frac{1}{3}$	$\frac{55}{112}$	$\Phi_{672}^3\ \Phi_{336}^2\ \Phi_{168}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{48}^2\ \Phi_{42}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
74722	1230	1482	$\frac{5}{247}$	$\frac{1}{6}$	$\frac{42}{247}$	$\frac{121}{247}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{494}\ \Phi_{114}\ \Phi_{78}\ \Phi_{57}\ \Phi_{39}\ \Phi_{38}\ \Phi_{26}$
74723	1230	1229	$\frac{25}{1229}$	$\frac{204}{1229}$	$\frac{209}{1229}$	$\frac{602}{1229}$	$\Phi_{1229}\ \Phi_1^2$
74724	1230	3612	$\frac{13}{602}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{589}{1204}$	$\Phi_{3612}\ \Phi_{516}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
74725	1230	548	$\frac{3}{137}$	$\frac{14}{137}$	$\frac{1}{4}$	$\frac{67}{137}$	$\Phi_{548}^3\ \Phi_{274}^3\ \Phi_4^2\ \Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
74726	1230	2320	$\frac{1}{40}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{39}{80}$	$\Phi_{2320}\ \Phi_{464}\ \Phi_{80}^2\ \Phi_{29}\ \Phi_{16}^2\ \Phi_1^2$
74727	1230	240	$\frac{1}{40}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{240}^7\ \Phi_{120}^8\ \Phi_{60}^8\ \Phi_{48}^8\ \Phi_{30}^8\ \Phi_{24}^9\ \Phi_{15}^8\ \Phi_{12}^9\ \Phi_6^9\ \Phi_3^8$
74728	1230	2320	$\frac{1}{40}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{39}{80}$	$\Phi_{2320}\ \Phi_{464}\ \Phi_{80}^2\ \Phi_{29}\ \Phi_{16}^2\ \Phi_1^2$
74729	1230	880	$\frac{1}{40}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{39}{80}$	$\Phi_{880}^3\ \Phi_{176}^3\ \Phi_{44}\ \Phi_{22}$
74730	1230	2320	$\frac{1}{40}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{39}{80}$	$\Phi_{2320}\ \Phi_{464}\ \Phi_{80}^2\ \Phi_{29}\ \Phi_{16}^2\ \Phi_1^2$
74731	1230	1680	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{39}{80}$	$\Phi_{1680}^2\ \Phi_{560}\ \Phi_{336}^2\ \Phi_{112}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
74732	1230	1740	$\frac{1}{29}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{14}{29}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{29}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
74733	1230	1276	$\frac{1}{29}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{1276}\ \Phi_{638}\ \Phi_{319}\ \Phi_{44}^2\ \Phi_{29}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_1^2$
74734	1230	1305	$\frac{1}{29}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{14}{29}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{87}\ \Phi_{45}^2\ \Phi_{29}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
74735	1230	1450	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{14}{29}$	$\Phi_{1450}\ \Phi_{725}\ \Phi_{50}^2\ \Phi_{29}\ \Phi_{25}^2\ \Phi_1^2$
74736	1230	1392	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{14}{29}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{48}^2\ \Phi_{29}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
74737	1230	396	$\frac{7}{198}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{191}{396}$	$\Phi_{396}^6\ \Phi_{132}^6\ \Phi_{66}\ \Phi_{44}^6\ \Phi_{36}^6\ \Phi_{33}\ \Phi_{12}^6\ \Phi_6\ \Phi_4^6$
74738	1230	1176	$\frac{1}{28}$	$\frac{9}{196}$	$\frac{1}{3}$	$\frac{187}{392}$	$\Phi_{1176}^3\ \Phi_{168}^3\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
74739	1230	2418	$\frac{1}{31}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{2418}\ \Phi_{806}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
74740	1230	78	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{37}{78}$	$\Phi_{78}^{13}\ \Phi_{39}^{19}\ \Phi_{26}^{13}\ \Phi_{13}^{18}\ \Phi_6^{12}\ \Phi_3^{18}\ \Phi_2^{12}\ \Phi_1^{18}$
74741	1230	798	$\frac{1}{19}$	$\frac{10}{133}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}^2\ \Phi_{114}\ \Phi_{57}\ \Phi_{42}^2\ \Phi_{38}\ \Phi_{21}^2\ \Phi_{14}^2$
74742	1230	84	$\frac{1}{42}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{84}^{27}\ \Phi_{42}^2\ \Phi_{28}^{28}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^{27}\ \Phi_7^2\ \Phi_6^2\ \Phi_4^{28}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
74743	1230	1736	$\frac{1}{31}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{1736}\ \Phi_{434}\ \Phi_{248}\ \Phi_{217}\ \Phi_{62}$
74744	1230	756	$\frac{1}{27}$	$\frac{1}{14}$	$\frac{13}{54}$	$\frac{13}{28}$	$\Phi_{756}^3\ \Phi_{252}^3\ \Phi_{108}^3\ \Phi_{84}^3\ \Phi_{54}^2\ \Phi_{36}^3\ \Phi_{28}^4\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
74745	1230	1260	$\frac{1}{14}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{13}{28}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{84}\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_9\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
74746	1230	3432	$\frac{1}{44}$	$\frac{43}{572}$	$\frac{1}{3}$	$\frac{529}{1144}$	$\Phi_{3432}\ \Phi_{312}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
74747	1230	390	$\frac{7}{130}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^2\ \Phi_{78}^3\ \Phi_{65}^2\ \Phi_{39}^3\ \Phi_{30}^4\ \Phi_{26}\ \Phi_{15}^4\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
74748	1230	228	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{1}{6}$	$\frac{35}{76}$	$\Phi_{228}^{12}\ \Phi_{114}\ \Phi_{76}^6\ \Phi_{57}\ \Phi_{38}\ \Phi_{12}^{12}\ \Phi_4^6$
74749	1230	672	$\frac{1}{56}$	$\frac{11}{112}$	$\frac{1}{3}$	$\frac{101}{224}$	$\Phi_{672}^5\ \Phi_{168}\ \Phi_{96}^5\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
74750	1230	549	$\frac{1}{61}$	$\frac{1}{9}$	$\frac{20}{61}$	$\frac{4}{9}$	$\Phi_{549}^2\ \Phi_{183}^2\ \Phi_{61}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^6$
74751	1230	252	$\frac{1}{42}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{252}^6\ \Phi_{126}^3\ \Phi_{84}^8\ \Phi_{63}^3\ \Phi_{42}^4\ \Phi_{36}^5\ \Phi_{28}^8\ \Phi_{21}^4\ \Phi_{18}^2\ \Phi_{14}^4\ \Phi_{12}^7\ \Phi_9^3\ \Phi_7^4\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
74752	1230	624	$\frac{3}{208}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{48}^2\ \Phi_{39}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
74753	1230	1229	$\frac{17}{1229}$	$\frac{165}{1229}$	$\frac{404}{1229}$	$\frac{532}{1229}$	$\Phi_{1229}\ \Phi_1^2$
74754	1230	2232	$\frac{1}{31}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{248}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
74755	1230	3234	$\frac{1}{77}$	$\frac{76}{539}$	$\frac{1}{3}$	$\frac{463}{1078}$	$\Phi_{3234}\ \Phi_{462}\ \Phi_{294}\ \Phi_{231}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{21}\ \Phi_6$
74756	1230	1302	$\frac{1}{42}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}\ \Phi_{217}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
74757	1230	1056	$\frac{1}{88}$	$\frac{29}{176}$	$\frac{1}{3}$	$\frac{147}{352}$	$\Phi_{1056}^3\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}^3\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
74758	1230	1488	$\frac{1}{31}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}\ \Phi_{248}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
74759	1230	2170	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{2170}\ \Phi_{434}\ \Phi_{310}\ \Phi_{217}\ \Phi_{62}$
74760	1230	1229	$\frac{24}{1229}$	$\frac{241}{1229}$	$\frac{245}{1229}$	$\frac{494}{1229}$	$\Phi_{1229}\ \Phi_1^2$
74761	1230	548	$\frac{2}{137}$	$\frac{27}{137}$	$\frac{1}{4}$	$\frac{55}{137}$	$\Phi_{548}^3\ \Phi_{274}^3\ \Phi_4^2\ \Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
74762	1230	1035	$\frac{2}{207}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}^2\ \Phi_{115}\ \Phi_{69}^2\ \Phi_{45}\ \Phi_{23}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
74763	1230	1530	$\frac{1}{102}$	$\frac{1}{5}$	$\frac{101}{306}$	$\frac{2}{5}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
74764	1230	1040	$\frac{3}{208}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}^2\ \Phi_{130}\ \Phi_{104}^2\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{40}\ \Phi_{26}^2\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
74765	1230	1360	$\frac{1}{68}$	$\frac{1}{5}$	$\frac{67}{272}$	$\frac{2}{5}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{272}^2\ \Phi_{136}^2\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
74766	1230	255	$\frac{1}{51}$	$\frac{10}{51}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{255}^4\ \Phi_{85}^4\ \Phi_{51}^8\ \Phi_{17}^8\ \Phi_{15}^4\ \Phi_5^5\ \Phi_3^8\ \Phi_1^{10}$
74767	1230	210	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{210}^5\ \Phi_{105}^5\ \Phi_{70}^5\ \Phi_{42}^{10}\ \Phi_{35}^5\ \Phi_{30}^4\ \Phi_{21}^{10}\ \Phi_{15}^4\ \Phi_{14}^{10}\ \Phi_{10}^4\ \Phi_7^{10}\ \Phi_6^8\ \Phi_5^5\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
74768	1230	1190	$\frac{1}{34}$	$\frac{33}{238}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
74769	1230	1080	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}^2\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}^2\ \Phi_{90}\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
74770	1230	1105	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1105}\ \Phi_{221}^2\ \Phi_{65}\ \Phi_{13}^2\ \Phi_5\ \Phi_1^2$
74771	1230	744	$\frac{1}{124}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{744}^4\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
74772	1230	1960	$\frac{2}{245}$	$\frac{1}{4}$	$\frac{81}{245}$	$\frac{3}{8}$	$\Phi_{1960}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{56}\ \Phi_{49}\ \Phi_{40}\ \Phi_{35}\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
74773	1230	664	$\frac{1}{83}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{664}^3\ \Phi_{332}\ \Phi_{166}$
74774	1230	1000	$\frac{2}{125}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1000}^2\ \Phi_{200}^2\ \Phi_{125}^2\ \Phi_{40}\ \Phi_{25}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
74775	1230	392	$\frac{1}{49}$	$\frac{8}{49}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{392}^5\ \Phi_{56}^5\ \Phi_{49}^5\ \Phi_8^6\ \Phi_7^5\ \Phi_1^6$
74776	1230	168	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^{12}\ \Phi_{56}^{11}\ \Phi_{42}^6\ \Phi_{24}^{12}\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_8^{12}\ \Phi_7^5\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
74777	1230	280	$\frac{1}{35}$	$\frac{17}{140}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^7\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^7\ \Phi_{40}^7\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^8\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
74778	1230	1408	$\frac{5}{128}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{44}\ \Phi_{22}$
74779	1230	1229	$\frac{19}{1229}$	$\frac{242}{1229}$	$\frac{329}{1229}$	$\frac{450}{1229}$	$\Phi_{1229}\ \Phi_1^2$
74780	1230	1302	$\frac{1}{42}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}\ \Phi_{217}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
74781	1230	682	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{10}{31}$	$\frac{21}{62}$	$\Phi_{682}^3\ \Phi_{341}\ \Phi_{22}^3$
74782	1230	1229	$\frac{26}{1229}$	$\frac{163}{1229}$	$\frac{401}{1229}$	$\frac{414}{1229}$	$\Phi_{1229}\ \Phi_1^2$
74783	1230	1482	$\frac{4}{247}$	$\frac{1}{6}$	$\frac{81}{247}$	$\frac{83}{247}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{494}\ \Phi_{114}\ \Phi_{78}\ \Phi_{57}\ \Phi_{39}\ \Phi_{38}\ \Phi_{26}$
74784	1230	924	$\frac{1}{154}$	$\frac{51}{154}$	$\frac{1}{3}$	$\frac{103}{308}$	$\Phi_{924}^3\ \Phi_{462}\ \Phi_{231}\ \Phi_{132}^3\ \Phi_{84}^3\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{21}\ \Phi_{12}^3\ \Phi_6$
74785	1230	828	$\frac{2}{207}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
74786	1230	612	$\frac{1}{102}$	$\frac{1}{4}$	$\frac{101}{306}$	$\frac{1}{3}$	$\Phi_{612}^4\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{36}^4\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
74787	1230	264	$\frac{1}{88}$	$\frac{59}{264}$	$\frac{29}{88}$	$\frac{1}{3}$	$\Phi_{264}^4\ \Phi_{132}^4\ \Phi_{88}^6\ \Phi_{66}^4\ \Phi_{44}^6\ \Phi_{33}^4\ \Phi_{24}^4\ \Phi_{22}^6\ \Phi_{12}^4\ \Phi_{11}^6\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
74788	1230	366	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{20}{61}$	$\frac{1}{3}$	$\Phi_{366}^4\ \Phi_{183}^2\ \Phi_{122}^4\ \Phi_{61}^4\ \Phi_6^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
74789	1230	1848	$\frac{13}{616}$	$\frac{83}{616}$	$\frac{201}{616}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
74790	1230	912	$\frac{7}{304}$	$\frac{1}{8}$	$\frac{99}{304}$	$\frac{1}{3}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{48}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
74791	1230	231	$\frac{2}{77}$	$\frac{26}{231}$	$\frac{25}{77}$	$\frac{1}{3}$	$\Phi_{231}^5\ \Phi_{77}^6\ \Phi_{33}^5\ \Phi_{21}^5\ \Phi_{11}^6\ \Phi_7^6\ \Phi_3^4\ \Phi_1^6$
74792	1230	672	$\frac{1}{28}$	$\frac{19}{224}$	$\frac{9}{28}$	$\frac{1}{3}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{168}^3\ \Phi_{96}^3\ \Phi_{84}\ \Phi_{48}^3\ \Phi_{42}\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
74793	1230	132	$\frac{1}{22}$	$\frac{3}{44}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{132}^{15}\ \Phi_{66}^{13}\ \Phi_{33}^{13}\ \Phi_{12}^{15}\ \Phi_6^{13}\ \Phi_3^{12}$
74794	1230	240	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^8\ \Phi_{60}^3\ \Phi_{48}^5\ \Phi_{40}^8\ \Phi_{30}^3\ \Phi_{24}^5\ \Phi_{20}^6\ \Phi_{16}^8\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_{10}^6\ \Phi_8^8\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
74795	1230	42	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{42}^{30}\ \Phi_{21}^{28}\ \Phi_{14}^{30}\ \Phi_7^{30}\ \Phi_6^{30}\ \Phi_3^{27}\ \Phi_2^{30}\ \Phi_1^{30}$
74796	1230	168	$\frac{1}{56}$	$\frac{11}{56}$	$\frac{15}{56}$	$\frac{1}{3}$	$\Phi_{168}^{11}\ \Phi_{84}^{11}\ \Phi_{42}^{11}\ \Phi_{24}^{11}\ \Phi_{21}^{11}\ \Phi_{12}^{11}\ \Phi_6^{11}\ \Phi_3^{10}$
74797	1230	624	$\frac{3}{208}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{48}^3\ \Phi_{39}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
74798	1230	816	$\frac{1}{68}$	$\frac{67}{272}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{816}^{3}\ \Phi_{408}^{3}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{12}\ \Phi_{6}$
74799	1230	204	$\frac{1}{51}$	$\frac{10}{51}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^{8}\ \Phi_{102}^{8}\ \Phi_{68}^{8}\ \Phi_{34}^{8}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}$
74800	1230	84	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^{20}\ \Phi_{42}^{10}\ \Phi_{28}^{20}\ \Phi_{21}^{10}\ \Phi_{14}^{10}\ \Phi_{12}^{17}\ \Phi_{7}^{10}\ \Phi_{6}^{9}\ \Phi_{4}^{16}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
74801	1230	1428	$\frac{1}{34}$	$\frac{33}{238}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1428}^{2}\ \Phi_{714}\ \Phi_{357}\ \Phi_{84}^{2}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
74802	1230	1836	$\frac{2}{51}$	$\frac{49}{459}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{306}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
74803	1230	408	$\frac{3}{68}$	$\frac{13}{136}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{408}^{5}\ \Phi_{204}^{4}\ \Phi_{102}^{4}\ \Phi_{51}^{4}\ \Phi_{24}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
74804	1230	216	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{216}^{6}\ \Phi_{108}^{6}\ \Phi_{72}^{6}\ \Phi_{54}^{6}\ \Phi_{36}^{6}\ \Phi_{27}^{6}\ \Phi_{24}^{6}\ \Phi_{18}^{6}\ \Phi_{12}\ \Phi_{9}^{6}\ \Phi_{8}^{6}\ \Phi_{6}$
74805	1230	2652	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{156}\ \Phi_{78}\ \Phi_{12}\ \Phi_{6}$
74806	1230	528	$\frac{1}{16}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{528}^{4}\ \Phi_{264}^{4}\ \Phi_{132}^{3}\ \Phi_{66}^{3}\ \Phi_{48}\ \Phi_{33}^{3}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
74807	1230	2436	$\frac{6}{203}$	$\frac{1}{7}$	$\frac{197}{812}$	$\frac{1}{3}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{348}\ \Phi_{174}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
74808	1230	264	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{59}{264}$	$\frac{1}{3}$	$\Phi_{264}^{6}\ \Phi_{132}^{6}\ \Phi_{88}^{6}\ \Phi_{66}\ \Phi_{44}^{6}\ \Phi_{33}\ \Phi_{24}^{6}\ \Phi_{12}^{6}\ \Phi_{8}^{6}\ \Phi_{6}\ \Phi_{4}^{6}$
74809	1230	384	$\frac{5}{128}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{384}^{5}\ \Phi_{192}^{5}\ \Phi_{96}^{4}\ \Phi_{48}^{4}\ \Phi_{24}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
74810	1230	2352	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{169}{784}$	$\frac{1}{3}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
74811	1230	462	$\frac{2}{77}$	$\frac{15}{77}$	$\frac{31}{154}$	$\frac{1}{3}$	$\Phi_{462}^{5}\ \Phi_{231}^{3}\ \Phi_{66}^{5}\ \Phi_{42}^{5}\ \Phi_{33}^{3}\ \Phi_{21}^{3}\ \Phi_{6}^{5}\ \Phi_{3}^{2}$
74812	1230	720	$\frac{1}{16}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}\ \Phi_{180}^{2}\ \Phi_{144}^{2}\ \Phi_{120}\ \Phi_{90}^{2}\ \Phi_{80}^{2}\ \Phi_{72}^{2}\ \Phi_{60}\ \Phi_{48}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
74813	1230	456	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{29}{152}$	$\frac{1}{3}$	$\Phi_{456}^{4}\ \Phi_{228}^{4}\ \Phi_{114}^{4}\ \Phi_{57}^{4}\ \Phi_{24}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
74814	1230	132	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{132}^{15}\ \Phi_{66}^{15}\ \Phi_{33}^{11}\ \Phi_{12}^{15}\ \Phi_{6}^{15}\ \Phi_{3}^{10}$
74815	1230	1200	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{1200}^{2}\ \Phi_{600}^{2}\ \Phi_{300}^{2}\ \Phi_{150}\ \Phi_{75}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
74816	1230	726	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{37}{242}$	$\frac{1}{3}$	$\Phi_{726}^{3}\ \Phi_{363}^{2}\ \Phi_{66}^{3}\ \Phi_{33}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
74817	1230	48	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{48}^{23}\ \Phi_{24}^{24}\ \Phi_{16}^{30}\ \Phi_{12}^{24}\ \Phi_{8}^{30}\ \Phi_{6}^{24}\ \Phi_{4}^{30}\ \Phi_{3}^{23}\ \Phi_{2}^{30}\ \Phi_{1}^{30}$
74818	1230	1740	$\frac{1}{20}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{19}{60}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{29}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
74819	1230	660	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{19}{60}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{165}^{3}\ \Phi_{132}^{3}\ \Phi_{66}^{3}\ \Phi_{44}\ \Phi_{33}^{3}\ \Phi_{22}$
74820	1230	1740	$\frac{1}{20}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{19}{60}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{29}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
74821	1230	420	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{19}{60}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{4}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{70}^{4}\ \Phi_{42}^{4}\ \Phi_{35}^{4}\ \Phi_{28}^{4}\ \Phi_{21}^{4}\ \Phi_{14}^{5}\ \Phi_{7}^{4}$
74822	1230	570	$\frac{1}{19}$	$\frac{13}{95}$	$\frac{1}{6}$	$\frac{6}{19}$	$\Phi_{570}^{3}\ \Phi_{285}^{3}\ \Phi_{190}^{3}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{3}$
74823	1230	1276	$\frac{3}{44}$	$\frac{2}{29}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{1276}\ \Phi_{638}\ \Phi_{319}\ \Phi_{44}^{2}\ \Phi_{29}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
74824	1230	1305	$\frac{2}{29}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{9}{29}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{87}\ \Phi_{45}^{2}\ \Phi_{29}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
74825	1230	1450	$\frac{2}{29}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{9}{29}$	$\Phi_{1450}\ \Phi_{725}\ \Phi_{50}^{2}\ \Phi_{29}\ \Phi_{25}^{2}\ \Phi_{1}^{2}$
74826	1230	1392	$\frac{2}{29}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{9}{29}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{48}^{2}\ \Phi_{29}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
74827	1230	546	$\frac{1}{13}$	$\frac{9}{91}$	$\frac{1}{6}$	$\frac{4}{13}$	$\Phi_{546}^{3}\ \Phi_{273}^{3}\ \Phi_{182}^{3}\ \Phi_{78}\ \Phi_{42}^{3}\ \Phi_{39}\ \Phi_{26}\ \Phi_{21}^{3}\ \Phi_{14}^{3}$
74828	1230	234	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{6}$	$\frac{35}{117}$	$\Phi_{234}^{9}\ \Phi_{117}^{6}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}\ \Phi_{18}^{9}\ \Phi_{9}^{6}$
74829	1230	378	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{13}{54}$	$\frac{2}{7}$	$\Phi_{378}^{4}\ \Phi_{189}^{2}\ \Phi_{126}^{4}\ \Phi_{63}^{2}\ \Phi_{54}^{6}\ \Phi_{42}^{4}\ \Phi_{27}^{3}\ \Phi_{21}^{2}\ \Phi_{18}^{6}\ \Phi_{14}^{4}\ \Phi_{9}^{3}\ \Phi_{7}^{4}\ \Phi_{6}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
74830	1230	315	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{315}^{4}\ \Phi_{105}^{4}\ \Phi_{63}^{2}\ \Phi_{45}^{6}\ \Phi_{35}^{4}\ \Phi_{21}^{2}\ \Phi_{15}^{6}\ \Phi_{9}^{3}\ \Phi_{7}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
74831	1230	114	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{16}{57}$	$\Phi_{114}^{13}\ \Phi_{57}^{7}\ \Phi_{38}^{13}\ \Phi_{19}^{12}\ \Phi_{6}^{12}\ \Phi_{3}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
74832	1230	1674	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{1674}\ \Phi_{837}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
74833	1230	44	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{44}^{28}\ \Phi_{22}^{28}\ \Phi_{11}^{27}\ \Phi_{4}^{30}\ \Phi_{2}^{30}\ \Phi_{1}^{30}$
74834	1230	108	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{1}{4}$	$\Phi_{108}^{15}\ \Phi_{54}^{8}\ \Phi_{36}^{15}\ \Phi_{27}^{7}\ \Phi_{18}^{8}\ \Phi_{12}^{17}\ \Phi_{9}^{7}\ \Phi_{6}^{9}\ \Phi_{4}^{16}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
74835	1230	1760	$\frac{3}{40}$	$\frac{1}{11}$	$\frac{37}{160}$	$\frac{1}{4}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{352}\ \Phi_{176}\ \Phi_{44}\ \Phi_{22}$
74836	1230	1980	$\frac{4}{45}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{396}\ \Phi_{330}\ \Phi_{198}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{22}$
74837	1230	1100	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{4}$	$\Phi_{1100}^2\ \Phi_{550}\ \Phi_{275}\ \Phi_{44}\ \Phi_{22}$
74838	1230	1276	$\frac{3}{44}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\Phi_{1276}\ \Phi_{638}\ \Phi_{319}\ \Phi_{44}^2\ \Phi_{29}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_1^2$
74839	1230	924	$\frac{3}{44}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}\ \Phi_{231}^2\ \Phi_{154}\ \Phi_{77}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
74840	1230	180	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{180}^{10}\ \Phi_{90}^4\ \Phi_{60}^{10}\ \Phi_{45}^6\ \Phi_{36}^5\ \Phi_{30}^4\ \Phi_{20}^{10}\ \Phi_{18}^2\ \Phi_{15}^6\ \Phi_{12}^7\ \Phi_{10}^4\ \Phi_9^3\ \Phi_6^3\ \Phi_5^6\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
74841	1230	1540	$\frac{1}{11}$	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}$
74842	1230	528	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{4}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{44}\ \Phi_{33}^3\ \Phi_{22}$
74843	1230	456	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{29}{152}$	$\frac{9}{38}$	$\Phi_{456}^4\ \Phi_{228}^4\ \Phi_{152}^2\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{38}\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^2\ \Phi_4^2$
74844	1230	156	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{6}$	$\frac{11}{52}$	$\Phi_{156}^{12}\ \Phi_{78}^7\ \Phi_{52}^6\ \Phi_{39}^7\ \Phi_{26}\ \Phi_{13}^6\ \Phi_{12}^{12}\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_1^6$
74845	1230	1305	$\frac{4}{45}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{5}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{87}\ \Phi_{45}^2\ \Phi_{29}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
74846	1230	630	$\frac{4}{45}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{630}^3\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^3\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2$
74847	1230	1450	$\frac{1}{10}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{9}{50}$	$\Phi_{1450}\ \Phi_{725}\ \Phi_{50}^2\ \Phi_{29}\ \Phi_{25}^2\ \Phi_1^2$
74848	1230	1050	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{9}{50}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}\ \Phi_{175}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
74849	1230	1392	$\frac{1}{8}$	$\frac{4}{29}$	$\frac{7}{48}$	$\frac{5}{29}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{48}^2\ \Phi_{29}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
74850	1230	336	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{48}$	$\frac{1}{6}$	$\Phi_{336}^5\ \Phi_{168}^3\ \Phi_{112}^5\ \Phi_{84}^3\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{14}^5\ \Phi_7^4$
74851	1231	1968	$\frac{1}{246}$	$\frac{247}{984}$	$\frac{737}{1968}$	$\frac{245}{492}$	$\Phi_{1968}\ \Phi_{656}\ \Phi_{492}\ \Phi_{164}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
74852	1231	1644	$\frac{2}{411}$	$\frac{413}{1644}$	$\frac{1}{3}$	$\frac{409}{822}$	$\Phi_{1644}\ \Phi_{548}\ \Phi_{411}\ \Phi_{137}\ \Phi_{12}\ \Phi_4\ \Phi_1$
74853	1231	2448	$\frac{7}{1224}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1217}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
74854	1231	2448	$\frac{7}{1224}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1217}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_9\ \Phi_1$
74855	1231	2440	$\frac{11}{1220}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1209}{2440}$	$\Phi_{2440}\ \Phi_{488}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
74856	1231	2296	$\frac{1}{82}$	$\frac{83}{1148}$	$\frac{1065}{2296}$	$\frac{81}{164}$	$\Phi_{2296}\ \Phi_{328}\ \Phi_{164}\ \Phi_{56}\ \Phi_8\ \Phi_4\ \Phi_1$
74857	1231	2400	$\frac{31}{1200}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{1169}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{60}\ \Phi_{32}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
74858	1231	2400	$\frac{31}{1200}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1169}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
74859	1231	1800	$\frac{1}{30}$	$\frac{31}{600}$	$\frac{569}{1800}$	$\frac{29}{60}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
74860	1231	1320	$\frac{1}{30}$	$\frac{89}{1320}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
74861	1231	1500	$\frac{1}{30}$	$\frac{31}{300}$	$\frac{269}{1500}$	$\frac{29}{60}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
74862	1231	1440	$\frac{1}{30}$	$\frac{31}{240}$	$\frac{209}{1440}$	$\frac{29}{60}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
74863	1231	1330	$\frac{4}{95}$	$\frac{99}{1330}$	$\frac{1}{5}$	$\frac{91}{190}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{266}\ \Phi_{133}\ \Phi_{95}\ \Phi_{70}\ \Phi_{35}\ \Phi_{19}\ \Phi_{14}\ \Phi_7\ \Phi_1$
74864	1231	2340	$\frac{1}{30}$	$\frac{61}{1170}$	$\frac{29}{90}$	$\frac{1109}{2340}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{180}\ \Phi_{156}\ \Phi_{90}\ \Phi_{60}\ \Phi_{52}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
74865	1231	2340	$\frac{61}{1170}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{1109}{2340}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{180}\ \Phi_{156}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{36}\ \Phi_{20}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
74866	1231	1300	$\frac{69}{1300}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{325}\ \Phi_{260}\ \Phi_{100}\ \Phi_{65}\ \Phi_{52}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{13}\ \Phi_4\ \Phi_1$
74867	1231	1680	$\frac{1}{30}$	$\frac{29}{420}$	$\frac{449}{1680}$	$\frac{391}{840}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
74868	1231	2280	$\frac{4}{95}$	$\frac{91}{1140}$	$\frac{1}{5}$	$\frac{1049}{2280}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{40}\ \Phi_{24}\ \Phi_{19}\ \Phi_8\ \Phi_1$
74869	1231	2160	$\frac{1}{30}$	$\frac{151}{1080}$	$\frac{29}{180}$	$\frac{929}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
74870	1231	1440	$\frac{1}{30}$	$\frac{209}{1440}$	$\frac{29}{180}$	$\frac{151}{360}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
74871	1231	1836	$\frac{7}{612}$	$\frac{1}{6}$	$\frac{605}{1836}$	$\frac{5}{12}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{459}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
74872	1231	1248	$\frac{17}{1248}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
74873	1231	1632	$\frac{7}{408}$	$\frac{1}{6}$	$\frac{401}{1632}$	$\frac{5}{12}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{272}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
74874	1231	1260	$\frac{29}{1260}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
74875	1231	1428	$\frac{7}{204}$	$\frac{197}{1428}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{238}\ \Phi_{119}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
74876	1231	1296	$\frac{65}{1296}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
74877	1231	2100	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{181}{1050}$	$\frac{869}{2100}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
74878	1231	1242	$\frac{11}{1242}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1242}\ \Phi_{621}\ \Phi_{414}\ \Phi_{207}\ \Phi_{138}\ \Phi_{69}\ \Phi_{54}\ \Phi_{46}\ \Phi_{27}\ \Phi_{23}\ \Phi_{9}\ \Phi_{1}$
74879	1231	1280	$\frac{49}{1280}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{128}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
74880	1231	1968	$\frac{1}{82}$	$\frac{81}{328}$	$\frac{247}{984}$	$\frac{737}{1968}$	$\Phi_{1968}\ \Phi_{656}\ \Phi_{328}\ \Phi_{164}\ \Phi_{48}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
74881	1231	1860	$\frac{9}{310}$	$\frac{1}{10}$	$\frac{301}{930}$	$\frac{629}{1860}$	$\Phi_{1860}\ \Phi_{620}\ \Phi_{372}\ \Phi_{310}\ \Phi_{155}\ \Phi_{124}\ \Phi_{62}\ \Phi_{60}\ \Phi_{31}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
74882	1231	1836	$\frac{7}{612}$	$\frac{2}{9}$	$\frac{605}{1836}$	$\frac{1}{3}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{459}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
74883	1231	1530	$\frac{7}{306}$	$\frac{299}{1530}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{90}\ \Phi_{85}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
74884	1231	1260	$\frac{29}{1260}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
74885	1231	1377	$\frac{7}{153}$	$\frac{146}{1377}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1377}\ \Phi_{459}\ \Phi_{81}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
74886	1231	1296	$\frac{65}{1296}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
74887	1231	1425	$\frac{4}{95}$	$\frac{194}{1425}$	$\frac{1}{5}$	$\frac{91}{285}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{95}\ \Phi_{75}\ \Phi_{25}\ \Phi_{19}\ \Phi_{1}$
74888	1231	1800	$\frac{31}{600}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{569}{1800}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
74889	1231	1365	$\frac{4}{65}$	$\frac{134}{1365}$	$\frac{1}{5}$	$\frac{61}{195}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}\ \Phi_{35}\ \Phi_{21}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}$
74890	1231	1755	$\frac{4}{65}$	$\frac{61}{585}$	$\frac{1}{5}$	$\frac{524}{1755}$	$\Phi_{1755}\ \Phi_{351}\ \Phi_{135}\ \Phi_{65}\ \Phi_{27}\ \Phi_{13}\ \Phi_{1}$
74891	1231	1710	$\frac{4}{95}$	$\frac{91}{570}$	$\frac{1}{5}$	$\frac{479}{1710}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{342}\ \Phi_{171}\ \Phi_{95}\ \Phi_{90}\ \Phi_{45}\ \Phi_{19}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
74892	1231	1620	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{389}{1620}$	$\frac{151}{540}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{162}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
74893	1231	1320	$\frac{89}{1320}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
74894	1231	1520	$\frac{4}{95}$	$\frac{289}{1520}$	$\frac{1}{5}$	$\frac{91}{380}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{304}\ \Phi_{152}\ \Phi_{95}\ \Phi_{80}\ \Phi_{40}\ \Phi_{19}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
74895	1231	1600	$\frac{31}{400}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{369}{1600}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{320}\ \Phi_{160}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
74896	1231	1400	$\frac{1}{10}$	$\frac{169}{1400}$	$\frac{31}{200}$	$\frac{9}{40}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{175}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
74897	1231	1440	$\frac{1}{10}$	$\frac{31}{240}$	$\frac{209}{1440}$	$\frac{9}{40}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{20}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
74898	1231	1560	$\frac{4}{65}$	$\frac{61}{390}$	$\frac{1}{5}$	$\frac{329}{1560}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{312}\ \Phi_{260}\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
74899	1232	921	$\frac{1}{307}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{153}{307}$	$\Phi_{921}\ \Phi_{307}^2\ \Phi_{3}^2\ \Phi_{1}^4$
74900	1232	1231	$\frac{5}{1231}$	$\frac{309}{1231}$	$\frac{461}{1231}$	$\frac{613}{1231}$	$\Phi_{1231}\ \Phi_{1}^2$
74901	1232	1851	$\frac{3}{617}$	$\frac{155}{617}$	$\frac{1}{3}$	$\frac{307}{617}$	Φ_{1851}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
74902	1232	2100	$\frac{1}{175}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{87}{175}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
74903	1232	1575	$\frac{1}{175}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{87}{175}$	$\Phi_{1575}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{25}\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
74904	1232	1071	$\frac{1}{153}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{76}{153}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}^2\ \Phi_{119}\ \Phi_{63}\ \Phi_{51}^2\ \Phi_{21}\ \Phi_{17}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
74905	1232	765	$\frac{1}{153}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{76}{153}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{85}^2\ \Phi_{45}^2\ \Phi_{15}^3\ \Phi_5^2$
74906	1232	1231	$\frac{9}{1231}$	$\frac{155}{1231}$	$\frac{538}{1231}$	$\frac{611}{1231}$	$\Phi_{1231}\ \Phi_1^2$
74907	1232	2220	$\frac{1}{111}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{55}{111}$	$\Phi_{2220}\ \Phi_{740}\ \Phi_{444}\ \Phi_{148}\ \Phi_{111}\ \Phi_{60}\ \Phi_{37}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
74908	1232	555	$\frac{1}{111}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{55}{111}$	$\Phi_{555}^2\ \Phi_{185}^2\ \Phi_{111}^3\ \Phi_{37}^3\ \Phi_{15}^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
74909	1232	515	$\frac{1}{103}$	$\frac{1}{5}$	$\frac{26}{103}$	$\frac{51}{103}$	$\Phi_{515}^3\ \Phi_5^2$
74910	1232	1231	$\frac{13}{1231}$	$\frac{230}{1231}$	$\frac{311}{1231}$	$\frac{609}{1231}$	$\Phi_{1231}\ \Phi_1^2$
74911	1232	1851	$\frac{7}{617}$	$\frac{78}{617}$	$\frac{1}{3}$	$\frac{305}{617}$	Φ_{1851}
74912	1232	1131	$\frac{1}{87}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{43}{87}$	$\Phi_{1131}\ \Phi_{377}\ \Phi_{87}^2\ \Phi_{39}\ \Phi_{29}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
74913	1232	696	$\frac{1}{87}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{43}{87}$	$\Phi_{696}^2\ \Phi_{348}^2\ \Phi_{232}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
74914	1232	1231	$\frac{15}{1231}$	$\frac{89}{1231}$	$\frac{571}{1231}$	$\frac{608}{1231}$	$\Phi_{1231}\ \Phi_1^2$
74915	1232	2280	$\frac{1}{76}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{75}{152}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{152}^2\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
74916	1232	1368	$\frac{1}{76}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{75}{152}$	$\Phi_{1368}^2\ \Phi_{456}\ \Phi_{152}^2\ \Phi_{72}^2\ \Phi_{24}\ \Phi_9^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
74917	1232	760	$\frac{1}{76}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{75}{152}$	$\Phi_{760}^3\ \Phi_{152}^4\ \Phi_{40}^3\ \Phi_8^4\ \Phi_5^3\ \Phi_1^4$
74918	1232	472	$\frac{1}{59}$	$\frac{1}{8}$	$\frac{15}{59}$	$\frac{29}{59}$	$\Phi_{472}^3\ \Phi_{236}^3\ \Phi_{118}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
74919	1232	1155	$\frac{1}{55}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{27}{55}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}\ \Phi_{55}^2\ \Phi_{35}\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
74920	1232	660	$\frac{1}{55}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{27}{55}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
74921	1232	770	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{27}{55}$	$\Phi_{770}^2\ \Phi_{385}\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}\ \Phi_{70}^2\ \Phi_{55}^2\ \Phi_{35}\ \Phi_{22}^2\ \Phi_{14}^4\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_2^4\ \Phi_1^4$
74922	1232	1231	$\frac{23}{1231}$	$\frac{57}{1231}$	$\frac{587}{1231}$	$\frac{604}{1231}$	$\Phi_{1231}\ \Phi_1^2$
74923	1232	1231	$\frac{25}{1231}$	$\frac{131}{1231}$	$\frac{314}{1231}$	$\frac{603}{1231}$	$\Phi_{1231}\ \Phi_1^2$
74924	1232	1851	$\frac{13}{617}$	$\frac{45}{617}$	$\frac{1}{3}$	$\frac{302}{617}$	Φ_{1851}
74925	1232	1161	$\frac{1}{43}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{21}{43}$	$\Phi_{1161}\ \Phi_{387}\ \Phi_{129}\ \Phi_{43}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
74926	1232	645	$\frac{1}{43}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{645}^2\ \Phi_{215}^2\ \Phi_{129}\ \Phi_{43}^2\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
74927	1232	387	$\frac{1}{43}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{21}{43}$	$\Phi_{387}^3\ \Phi_{129}^3\ \Phi_{43}^4\ \Phi_9^6\ \Phi_3^6\ \Phi_1^8$
74928	1232	1720	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{21}{43}$	$\Phi_{1720}\ \Phi_{860}\ \Phi_{430}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
74929	1232	1231	$\frac{29}{1231}$	$\frac{45}{1231}$	$\frac{593}{1231}$	$\frac{601}{1231}$	$\Phi_{1231}\ \Phi_1^2$
74930	1232	1356	$\frac{3}{113}$	$\frac{1}{12}$	$\frac{29}{113}$	$\frac{55}{113}$	$\Phi_{1356}\ \Phi_{678}\ \Phi_{452}\ \Phi_{339}\ \Phi_{226}$
74931	1232	2550	$\frac{2}{75}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{2550}\ \Phi_{850}\ \Phi_{510}\ \Phi_{170}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
74932	1232	450	$\frac{2}{75}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{73}{150}$	$\Phi_{450}^6\ \Phi_{150}^4\ \Phi_{90}^6\ \Phi_{50}^4\ \Phi_{45}\ \Phi_{30}^4\ \Phi_{18}^6\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
74933	1232	279	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{16}{93}$	$\frac{15}{31}$	$\Phi_{279}^5\ \Phi_{93}^3\ \Phi_{31}^4\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
74934	1232	1231	$\frac{41}{1231}$	$\frac{83}{1231}$	$\frac{318}{1231}$	$\frac{595}{1231}$	$\Phi_{1231}\ \Phi_1^2$
74935	1232	1335	$\frac{3}{89}$	$\frac{1}{15}$	$\frac{23}{89}$	$\frac{43}{89}$	$\Phi_{1335}\ \Phi_{445}\ \Phi_{267}$
74936	1232	1851	$\frac{21}{617}$	$\frac{29}{617}$	$\frac{1}{3}$	$\frac{298}{617}$	Φ_{1851}
74937	1232	1231	$\frac{43}{1231}$	$\frac{91}{1231}$	$\frac{285}{1231}$	$\frac{594}{1231}$	$\Phi_{1231}\ \Phi_1^2$
74938	1232	621	$\frac{1}{27}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{621}^2\ \Phi_{207}^2\ \Phi_{69}^3\ \Phi_{23}^2$
74939	1232	1161	$\frac{1}{27}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{13}{27}$	$\Phi_{1161}\ \Phi_{387}\ \Phi_{129}\ \Phi_{43}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
74940	1232	540	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{13}{27}$	$\Phi_{540}^{3}\ \Phi_{270}^{3}\ \Phi_{180}^{3}\ \Phi_{135}^{2}\ \Phi_{90}^{3}\ \Phi_{60}^{4}\ \Phi_{45}^{2}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{2}$
74941	1232	1768	$\frac{1}{26}$	$\frac{1}{17}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{1768}\ \Phi_{442}\ \Phi_{221}\ \Phi_{136}\ \Phi_{34}$
74942	1232	1416	$\frac{7}{177}$	$\frac{1}{8}$	$\frac{23}{177}$	$\frac{85}{177}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{472}\ \Phi_{354}\ \Phi_{236}\ \Phi_{118}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
74943	1232	1231	$\frac{49}{1231}$	$\frac{153}{1231}$	$\frac{160}{1231}$	$\frac{591}{1231}$	$\Phi_{1231}\ \Phi_{1}^{2}$
74944	1232	1545	$\frac{13}{309}$	$\frac{23}{309}$	$\frac{1}{5}$	$\frac{148}{309}$	$\Phi_{1545}\ \Phi_{515}\ \Phi_{15}$
74945	1232	1231	$\frac{53}{1231}$	$\frac{65}{1231}$	$\frac{321}{1231}$	$\frac{589}{1231}$	$\Phi_{1231}\ \Phi_{1}^{2}$
74946	1232	1851	$\frac{23}{617}$	$\frac{27}{617}$	$\frac{1}{3}$	$\frac{295}{617}$	Φ_{1851}
74947	1232	609	$\frac{1}{29}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{609}^{2}\ \Phi_{203}^{2}\ \Phi_{87}^{3}\ \Phi_{29}^{2}$
74948	1232	1155	$\frac{1}{21}$	$\frac{3}{55}$	$\frac{13}{55}$	$\frac{10}{21}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}\ \Phi_{55}^{2}\ \Phi_{35}\ \Phi_{33}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
74949	1232	105	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{105}^{11}\ \Phi_{35}^{11}\ \Phi_{21}^{12}\ \Phi_{15}^{15}\ \Phi_{7}^{12}\ \Phi_{5}^{14}\ \Phi_{3}^{16}\ \Phi_{1}^{16}$
74950	1232	231	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{10}{21}$	$\Phi_{231}^{5}\ \Phi_{77}^{5}\ \Phi_{33}^{7}\ \Phi_{21}^{6}\ \Phi_{11}^{6}\ \Phi_{7}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
74951	1232	1155	$\frac{1}{21}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{10}{21}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}\ \Phi_{55}^{2}\ \Phi_{35}\ \Phi_{33}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
74952	1232	504	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{10}{21}$	$\Phi_{504}^{3}\ \Phi_{252}^{3}\ \Phi_{168}^{2}\ \Phi_{126}^{3}\ \Phi_{84}^{2}\ \Phi_{72}^{4}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{4}\ \Phi_{28}^{2}\ \Phi_{24}^{3}\ \Phi_{18}^{4}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
74953	1232	437	$\frac{1}{23}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{437}^{3}\ \Phi_{23}^{2}$
74954	1232	1231	$\frac{59}{1231}$	$\frac{67}{1231}$	$\frac{293}{1231}$	$\frac{582}{1231}$	$\Phi_{1231}\ \Phi_{1}^{2}$
74955	1232	1356	$\frac{7}{113}$	$\frac{1}{12}$	$\frac{15}{113}$	$\frac{53}{113}$	$\Phi_{1356}\ \Phi_{678}\ \Phi_{452}\ \Phi_{339}\ \Phi_{226}$
74956	1232	1231	$\frac{81}{1231}$	$\frac{97}{1231}$	$\frac{164}{1231}$	$\frac{575}{1231}$	$\Phi_{1231}\ \Phi_{1}^{2}$
74957	1232	570	$\frac{1}{38}$	$\frac{1}{15}$	$\frac{37}{114}$	$\frac{7}{15}$	$\Phi_{570}^{2}\ \Phi_{285}^{2}\ \Phi_{190}^{2}\ \Phi_{114}^{3}\ \Phi_{95}^{2}\ \Phi_{57}^{3}\ \Phi_{38}^{2}\ \Phi_{30}^{2}\ \Phi_{19}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
74958	1232	435	$\frac{1}{29}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{435}^{3}\ \Phi_{145}^{3}\ \Phi_{87}^{3}\ \Phi_{29}^{2}$
74959	1232	240	$\frac{3}{80}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{240}^{5}\ \Phi_{120}^{5}\ \Phi_{80}^{6}\ \Phi_{60}^{4}\ \Phi_{48}^{5}\ \Phi_{40}^{6}\ \Phi_{30}^{4}\ \Phi_{24}^{5}\ \Phi_{20}^{5}\ \Phi_{16}^{6}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{10}^{5}\ \Phi_{8}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
74960	1232	285	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{18}{95}$	$\frac{7}{15}$	$\Phi_{285}^{4}\ \Phi_{95}^{5}\ \Phi_{57}^{4}\ \Phi_{19}^{4}\ \Phi_{15}^{5}\ \Phi_{5}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
74961	1232	570	$\frac{1}{15}$	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{7}{15}$	$\Phi_{570}^{2}\ \Phi_{285}^{2}\ \Phi_{190}^{2}\ \Phi_{114}^{2}\ \Phi_{95}^{2}\ \Phi_{57}^{2}\ \Phi_{38}^{4}\ \Phi_{30}^{2}\ \Phi_{19}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
74962	1232	120	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{15}$	$\Phi_{120}^{11}\ \Phi_{60}^{8}\ \Phi_{40}^{11}\ \Phi_{30}^{8}\ \Phi_{24}^{15}\ \Phi_{20}^{8}\ \Phi_{15}^{9}\ \Phi_{12}^{11}\ \Phi_{10}^{8}\ \Phi_{8}^{14}\ \Phi_{6}^{11}\ \Phi_{5}^{9}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
74963	1232	515	$\frac{5}{103}$	$\frac{7}{103}$	$\frac{1}{5}$	$\frac{48}{103}$	$\Phi_{515}^{3}\ \Phi_{5}^{2}$
74964	1232	1231	$\frac{41}{1231}$	$\frac{85}{1231}$	$\frac{329}{1231}$	$\frac{573}{1231}$	$\Phi_{1231}\ \Phi_{1}^{2}$
74965	1232	1231	$\frac{47}{1231}$	$\frac{85}{1231}$	$\frac{296}{1231}$	$\frac{573}{1231}$	$\Phi_{1231}\ \Phi_{1}^{2}$
74966	1232	2448	$\frac{1}{17}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
74967	1232	1851	$\frac{15}{617}$	$\frac{43}{617}$	$\frac{1}{3}$	$\frac{287}{617}$	Φ_{1851}
74968	1232	585	$\frac{1}{45}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{585}^{2}\ \Phi_{195}^{2}\ \Phi_{117}^{2}\ \Phi_{65}^{2}\ \Phi_{45}^{4}\ \Phi_{39}\ \Phi_{15}^{4}\ \Phi_{13}^{2}\ \Phi_{9}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
74969	1232	377	$\frac{1}{29}$	$\frac{1}{13}$	$\frac{7}{29}$	$\frac{6}{13}$	$\Phi_{377}^{3}\ \Phi_{29}^{6}\ \Phi_{13}^{4}\ \Phi_{1}^{8}$
74970	1232	1495	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{1495}\ \Phi_{115}^{2}$
74971	1232	1131	$\frac{1}{13}$	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{6}{13}$	$\Phi_{1131}\ \Phi_{377}\ \Phi_{87}^{2}\ \Phi_{39}\ \Phi_{29}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
74972	1232	468	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{6}{13}$	$\Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{156}^{2}\ \Phi_{117}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{36}^{6}\ \Phi_{26}^{2}\ \Phi_{18}^{6}\ \Phi_{13}^{2}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
74973	1232	1335	$\frac{1}{15}$	$\frac{7}{89}$	$\frac{12}{89}$	$\frac{41}{89}$	$\Phi_{1335}\ \Phi_{445}\ \Phi_{267}$
74974	1232	1231	$\frac{83}{1231}$	$\frac{97}{1231}$	$\frac{164}{1231}$	$\frac{567}{1231}$	$\Phi_{1231}\ \Phi_{1}^{2}$
74975	1232	1231	$\frac{95}{1231}$	$\frac{99}{1231}$	$\frac{142}{1231}$	$\frac{566}{1231}$	$\Phi_{1231}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
74976	1232	1395	$\frac{12}{155}$	$\frac{13}{155}$	$\frac{1}{9}$	$\frac{71}{155}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}\ \Phi_{93}\ \Phi_{45}\ \Phi_{15}$
74977	1232	472	$\frac{4}{59}$	$\frac{5}{59}$	$\frac{1}{8}$	$\frac{27}{59}$	$\Phi_{472}^3\ \Phi_{236}^3\ \Phi_{118}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
74978	1232	1231	$\frac{76}{1231}$	$\frac{105}{1231}$	$\frac{167}{1231}$	$\frac{563}{1231}$	$\Phi_{1231}\ \Phi_1^2$
74979	1232	515	$\frac{4}{103}$	$\frac{9}{103}$	$\frac{1}{5}$	$\frac{47}{103}$	$\Phi_{515}^3\ \Phi_5^2$
74980	1232	1231	$\frac{32}{1231}$	$\frac{109}{1231}$	$\frac{335}{1231}$	$\frac{561}{1231}$	$\Phi_{1231}\ \Phi_1^2$
74981	1232	1851	$\frac{12}{617}$	$\frac{55}{617}$	$\frac{1}{3}$	$\frac{281}{617}$	Φ_{1851}
74982	1232	1140	$\frac{1}{57}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1140}^2\ \Phi_{380}^2\ \Phi_{228}^2\ \Phi_{76}^2\ \Phi_{60}\ \Phi_{57}^2\ \Phi_{20}^2\ \Phi_{19}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
74983	1232	740	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{9}{37}$	$\frac{9}{20}$	$\Phi_{740}^3\ \Phi_{148}^3\ \Phi_{37}^3\ \Phi_{20}^4\ \Phi_4^4\ \Phi_1^4$
74984	1232	580	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{580}^4\ \Phi_{145}\ \Phi_{116}^4$
74985	1232	740	$\frac{2}{37}$	$\frac{1}{10}$	$\frac{5}{37}$	$\frac{9}{20}$	$\Phi_{740}^3\ \Phi_{148}^3\ \Phi_{37}^3\ \Phi_{20}^4\ \Phi_4^4\ \Phi_1^4$
74986	1232	680	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{680}^2\ \Phi_{340}\ \Phi_{170}^2\ \Phi_{136}^3\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{34}^3\ \Phi_{17}^2$
74987	1232	2220	$\frac{7}{111}$	$\frac{1}{10}$	$\frac{13}{111}$	$\frac{9}{20}$	$\Phi_{2220}\ \Phi_{740}\ \Phi_{444}\ \Phi_{148}\ \Phi_{111}\ \Phi_{60}\ \Phi_{37}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
74988	1232	180	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{180}^{14}\ \Phi_{60}^9\ \Phi_{45}^3\ \Phi_{36}^{14}\ \Phi_{20}^{10}\ \Phi_{15}^2\ \Phi_{12}^9\ \Phi_9^2\ \Phi_5^2\ \Phi_4^{10}\ \Phi_3\ \Phi_1^2$
74989	1232	1305	$\frac{1}{45}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{145}\ \Phi_{87}$
74990	1232	1231	$\frac{31}{1231}$	$\frac{133}{1231}$	$\frac{300}{1231}$	$\frac{549}{1231}$	$\Phi_{1231}\ \Phi_1^2$
74991	1232	1231	$\frac{62}{1231}$	$\frac{133}{1231}$	$\frac{167}{1231}$	$\frac{549}{1231}$	$\Phi_{1231}\ \Phi_1^2$
74992	1232	783	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{783}^2\ \Phi_{261}\ \Phi_{87}$
74993	1232	1231	$\frac{98}{1231}$	$\frac{103}{1231}$	$\frac{141}{1231}$	$\frac{545}{1231}$	$\Phi_{1231}\ \Phi_1^2$
74994	1232	1356	$\frac{9}{113}$	$\frac{1}{12}$	$\frac{13}{113}$	$\frac{50}{113}$	$\Phi_{1356}\ \Phi_{678}\ \Phi_{452}\ \Phi_{339}\ \Phi_{226}$
74995	1232	472	$\frac{3}{59}$	$\frac{7}{59}$	$\frac{1}{8}$	$\frac{26}{59}$	$\Phi_{472}^3\ \Phi_{236}^3\ \Phi_{118}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
74996	1232	1311	$\frac{1}{23}$	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{25}{57}$	$\Phi_{1311}\ \Phi_{437}\ \Phi_{69}$
74997	1232	1231	$\frac{63}{1231}$	$\frac{146}{1231}$	$\frac{155}{1231}$	$\frac{538}{1231}$	$\Phi_{1231}\ \Phi_1^2$
74998	1232	1231	$\frac{87}{1231}$	$\frac{104}{1231}$	$\frac{161}{1231}$	$\frac{535}{1231}$	$\Phi_{1231}\ \Phi_1^2$
74999	1232	1356	$\frac{8}{113}$	$\frac{1}{12}$	$\frac{15}{113}$	$\frac{49}{113}$	$\Phi_{1356}\ \Phi_{678}\ \Phi_{452}\ \Phi_{339}\ \Phi_{226}$
75000	1232	1395	$\frac{8}{155}$	$\frac{1}{9}$	$\frac{21}{155}$	$\frac{67}{155}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}\ \Phi_{93}\ \Phi_{45}\ \Phi_{15}$
75001	1232	1231	$\frac{48}{1231}$	$\frac{169}{1231}$	$\frac{175}{1231}$	$\frac{531}{1231}$	$\Phi_{1231}\ \Phi_1^2$
75002	1232	1545	$\frac{8}{309}$	$\frac{43}{309}$	$\frac{1}{5}$	$\frac{133}{309}$	$\Phi_{1545}\ \Phi_{515}\ \Phi_{15}$
75003	1232	1231	$\frac{20}{1231}$	$\frac{173}{1231}$	$\frac{351}{1231}$	$\frac{529}{1231}$	$\Phi_{1231}\ \Phi_1^2$
75004	1232	1851	$\frac{8}{617}$	$\frac{87}{617}$	$\frac{1}{3}$	$\frac{265}{617}$	Φ_{1851}
75005	1232	546	$\frac{1}{78}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{78}^4\ \Phi_{42}^2\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{13}^4\ \Phi_7^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
75006	1232	714	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{25}{102}$	$\frac{3}{7}$	$\Phi_{714}^2\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{119}\ \Phi_{102}^4\ \Phi_{51}^2\ \Phi_{42}^2\ \Phi_{34}^4\ \Phi_{21}\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
75007	1232	357	$\frac{2}{51}$	$\frac{7}{51}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{357}^3\ \Phi_{119}^3\ \Phi_{51}^6\ \Phi_{21}^3\ \Phi_{17}^6\ \Phi_7^4\ \Phi_3^6\ \Phi_1^8$
75008	1232	1288	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{322}\ \Phi_{184}^2\ \Phi_{92}^2\ \Phi_{46}^2$
75009	1232	567	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{567}^2\ \Phi_{189}^2\ \Phi_{81}^4\ \Phi_{63}\ \Phi_{27}^4\ \Phi_{21}\ \Phi_9^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
75010	1232	595	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{595}^2\ \Phi_{119}\ \Phi_{85}^4\ \Phi_{35}^2\ \Phi_{17}^2\ \Phi_7^2\ \Phi_5^4\ \Phi_1^4$
75011	1232	1071	$\frac{10}{153}$	$\frac{13}{153}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1071}\ \Phi_{357}\ \Phi_{153}^2\ \Phi_{119}\ \Phi_{63}\ \Phi_{51}^2\ \Phi_{21}\ \Phi_{17}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
75012	1232	420	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^3\ \Phi_{60}^6\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^6\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^6\ \Phi_{15}^4\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_{10}^6\ \Phi_7^2\ \Phi_6^4\ \Phi_5^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
75013	1232	1068	$\frac{1}{89}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{1068}^2\ \Phi_{356}^2\ \Phi_{267}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
75014	1232	2100	$\frac{3}{175}$	$\frac{1}{6}$	$\frac{43}{175}$	$\frac{5}{12}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
75015	1232	180	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{180}^{12}\ \Phi_{60}^{11}\ \Phi_{45}^4\ \Phi_{36}^{12}\ \Phi_{20}^{11}\ \Phi_{15}^4\ \Phi_{12}^{12}\ \Phi_9^4\ \Phi_5^3\ \Phi_4^{12}\ \Phi_3^4\ \Phi_1^4$
75016	1232	420	$\frac{1}{35}$	$\frac{17}{105}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}^5\ \Phi_{140}^5\ \Phi_{105}^2\ \Phi_{84}^5\ \Phi_{60}^5\ \Phi_{35}\ \Phi_{28}^5\ \Phi_{21}^2\ \Phi_{20}^5\ \Phi_{15}^2\ \Phi_{12}^6\ \Phi_7\ \Phi_5\ \Phi_4^6\ \Phi_3^2\ \Phi_1^2$
75017	1232	1092	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1092}^2\ \Phi_{364}^2\ \Phi_{156}^2\ \Phi_{91}^2\ \Phi_{84}\ \Phi_{52}^2\ \Phi_{28}\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
75018	1232	300	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{300}^7\ \Phi_{100}^7\ \Phi_{60}^7\ \Phi_{25}^7\ \Phi_{20}^7\ \Phi_{12}^8\ \Phi_5^7\ \Phi_4^8\ \Phi_1^8$
75019	1232	828	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{828}^3\ \Phi_{276}^2\ \Phi_{207}\ \Phi_{92}^2\ \Phi_{69}$
75020	1232	420	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}^5\ \Phi_{140}^5\ \Phi_{84}^5\ \Phi_{60}^5\ \Phi_{35}^5\ \Phi_{28}^5\ \Phi_{20}^5\ \Phi_{12}^6\ \Phi_7^5\ \Phi_5^5\ \Phi_4^6\ \Phi_1^6$
75021	1232	204	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{204}^6\ \Phi_{102}^7\ \Phi_{68}^6\ \Phi_{51}^7\ \Phi_{34}^7\ \Phi_{17}^6$
75022	1232	1326	$\frac{1}{78}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{442}\ \Phi_{221}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
75023	1232	2210	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{2210}\ \Phi_{442}\ \Phi_{221}\ \Phi_{170}\ \Phi_{34}$
75024	1232	890	$\frac{1}{89}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{890}^2\ \Phi_{445}\ \Phi_{178}^2$
75025	1232	725	$\frac{1}{29}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{725}^2\ \Phi_{145}$
75026	1232	720	$\frac{3}{80}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
75027	1232	1231	$\frac{34}{1231}$	$\frac{171}{1231}$	$\frac{265}{1231}$	$\frac{483}{1231}$	$\Phi_{1231}\ \Phi_1^2$
75028	1232	2034	$\frac{1}{113}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{2034}\ \Phi_{678}\ \Phi_{339}\ \Phi_{226}$
75029	1232	522	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{522}^4\ \Phi_{261}\ \Phi_{174}^4\ \Phi_{87}\ \Phi_{58}^4$
75030	1232	1311	$\frac{1}{23}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{1311}\ \Phi_{437}\ \Phi_{69}$
75031	1232	1231	$\frac{54}{1231}$	$\frac{107}{1231}$	$\frac{281}{1231}$	$\frac{475}{1231}$	$\Phi_{1231}\ \Phi_1^2$
75032	1232	1231	$\frac{69}{1231}$	$\frac{83}{1231}$	$\frac{287}{1231}$	$\frac{472}{1231}$	$\Phi_{1231}\ \Phi_1^2$
75033	1232	1335	$\frac{5}{89}$	$\frac{1}{15}$	$\frac{21}{89}$	$\frac{34}{89}$	$\Phi_{1335}\ \Phi_{445}\ \Phi_{267}$
75034	1232	1356	$\frac{5}{113}$	$\frac{1}{12}$	$\frac{27}{113}$	$\frac{43}{113}$	$\Phi_{1356}\ \Phi_{678}\ \Phi_{452}\ \Phi_{339}\ \Phi_{226}$
75035	1232	1231	$\frac{51}{1231}$	$\frac{109}{1231}$	$\frac{295}{1231}$	$\frac{468}{1231}$	$\Phi_{1231}\ \Phi_1^2$
75036	1232	1116	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{15}{62}$	$\frac{47}{124}$	$\Phi_{1116}^2\ \Phi_{372}^2\ \Phi_{279}\ \Phi_{93}\ \Phi_{36}^2\ \Phi_{12}^2$
75037	1232	1416	$\frac{5}{177}$	$\frac{1}{8}$	$\frac{43}{177}$	$\frac{67}{177}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{472}\ \Phi_{354}\ \Phi_{236}\ \Phi_{118}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
75038	1232	1231	$\frac{11}{1231}$	$\frac{305}{1231}$	$\frac{384}{1231}$	$\frac{463}{1231}$	$\Phi_{1231}\ \Phi_1^2$
75039	1232	1851	$\frac{5}{617}$	$\frac{153}{617}$	$\frac{1}{3}$	$\frac{232}{617}$	Φ_{1851}
75040	1232	1808	$\frac{1}{113}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1808}\ \Phi_{452}\ \Phi_{226}$
75041	1232	465	$\frac{1}{155}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{465}^3\ \Phi_{155}^2\ \Phi_{93}^3\ \Phi_{31}^2\ \Phi_{15}^3\ \Phi_5^2$
75042	1232	921	$\frac{3}{307}$	$\frac{76}{307}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{921}\ \Phi_{307}^2\ \Phi_3^2\ \Phi_1^4$
75043	1232	801	$\frac{1}{89}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{801}^2\ \Phi_{267}$
75044	1232	390	$\frac{1}{78}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^4\ \Phi_{65}^4\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
75045	1232	921	$\frac{6}{307}$	$\frac{43}{307}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{921}\ \Phi_{307}^2\ \Phi_3^2\ \Phi_1^4$
75046	1232	360	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
75047	1232	921	$\frac{10}{307}$	$\frac{27}{307}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{921}\ \Phi_{307}^2\ \Phi_3^2\ \Phi_1^4$
75048	1232	348	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{348}^4\ \Phi_{174}^4\ \Phi_{116}^4\ \Phi_{87}^3\ \Phi_{58}^4\ \Phi_{29}^2$
75049	1232	921	$\frac{13}{307}$	$\frac{21}{307}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{921}\ \Phi_{307}^2\ \Phi_3^2\ \Phi_1^4$
75050	1232	345	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{345}^4\ \Phi_{115}^4\ \Phi_{69}^3\ \Phi_{23}^2$
75051	1232	2295	$\frac{2}{153}$	$\frac{1}{5}$	$\frac{151}{459}$	$\frac{1}{3}$	$\Phi_{2295}\ \Phi_{135}\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
75052	1232	2088	$\frac{2}{87}$	$\frac{1}{8}$	$\frac{85}{261}$	$\frac{1}{3}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{522}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
75053	1232	342	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{37}{114}$	$\frac{1}{3}$	$\Phi_{342}^{4}\ \Phi_{171}^{4}\ \Phi_{114}^{3}\ \Phi_{57}^{3}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{18}^{4}\ \Phi_{9}^{6}\ \Phi_{6}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
75054	1232	1863	$\frac{1}{23}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{1863}\ \Phi_{69}$
75055	1232	1827	$\frac{1}{29}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{1827}\ \Phi_{261}\ \Phi_{87}$
75056	1232	285	$\frac{1}{57}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{285}^{4}\ \Phi_{95}^{4}\ \Phi_{57}^{6}\ \Phi_{19}^{6}\ \Phi_{15}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
75057	1232	720	$\frac{3}{80}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}\ \Phi_{180}^{2}\ \Phi_{144}^{2}\ \Phi_{120}\ \Phi_{90}^{2}\ \Phi_{80}^{2}\ \Phi_{72}^{2}\ \Phi_{60}\ \Phi_{48}$ $\Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
75058	1232	1575	$\frac{3}{175}$	$\frac{2}{9}$	$\frac{43}{175}$	$\frac{1}{3}$	$\Phi_{1575}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{25}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
75059	1232	510	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{25}{102}$	$\frac{1}{3}$	$\Phi_{510}^{4}\ \Phi_{255}^{2}\ \Phi_{170}^{4}\ \Phi_{85}^{2}\ \Phi_{30}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{2}$
75060	1232	696	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{7}{29}$	$\frac{1}{3}$	$\Phi_{696}^{3}\ \Phi_{348}^{3}\ \Phi_{174}^{3}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}$
75061	1232	1851	$\frac{25}{617}$	$\frac{67}{617}$	$\frac{148}{617}$	$\frac{1}{3}$	Φ_{1851}
75062	1232	660	$\frac{3}{55}$	$\frac{1}{12}$	$\frac{13}{55}$	$\frac{1}{3}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{2}\ \Phi_{165}\ \Phi_{132}^{2}\ \Phi_{110}^{2}\ \Phi_{66}^{2}\ \Phi_{60}^{2}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{33}$ $\Phi_{30}^{2}\ \Phi_{22}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
75063	1232	1851	$\frac{41}{617}$	$\frac{43}{617}$	$\frac{144}{617}$	$\frac{1}{3}$	Φ_{1851}
75064	1232	645	$\frac{1}{15}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{645}^{2}\ \Phi_{215}^{2}\ \Phi_{129}\ \Phi_{43}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
75065	1232	1851	$\frac{34}{617}$	$\frac{53}{617}$	$\frac{141}{617}$	$\frac{1}{3}$	Φ_{1851}
75066	1232	45	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{45}^{27}\ \Phi_{15}^{28}\ \Phi_{9}^{28}\ \Phi_{5}^{27}\ \Phi_{3}^{28}\ \Phi_{1}^{28}$
75067	1232	315	$\frac{1}{35}$	$\frac{17}{105}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{315}^{5}\ \Phi_{105}^{2}\ \Phi_{63}^{5}\ \Phi_{45}^{5}\ \Phi_{35}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{6}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
75068	1232	819	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{819}^{2}\ \Phi_{117}^{2}\ \Phi_{91}^{2}\ \Phi_{63}\ \Phi_{13}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
75069	1232	225	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{225}^{7}\ \Phi_{45}^{7}\ \Phi_{25}^{7}\ \Phi_{9}^{8}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
75070	1232	207	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{207}^{6}\ \Phi_{69}^{7}\ \Phi_{23}^{6}$
75071	1232	315	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{315}^{5}\ \Phi_{63}^{5}\ \Phi_{45}^{5}\ \Phi_{35}^{5}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
75072	1232	612	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{612}^{3}\ \Phi_{306}^{3}\ \Phi_{204}\ \Phi_{153}^{2}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
75073	1232	1851	$\frac{22}{617}$	$\frac{85}{617}$	$\frac{133}{617}$	$\frac{1}{3}$	Φ_{1851}
75074	1232	1218	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{1218}^{2}\ \Phi_{609}\ \Phi_{174}^{2}\ \Phi_{87}^{2}$
75075	1232	255	$\frac{2}{51}$	$\frac{7}{51}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{255}^{6}\ \Phi_{85}^{6}\ \Phi_{15}^{7}\ \Phi_{5}^{6}$
75076	1232	2760	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}$
75077	1232	405	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{405}^{4}\ \Phi_{135}^{4}\ \Phi_{45}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
75078	1232	255	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{255}^{7}\ \Phi_{51}^{8}\ \Phi_{15}^{8}\ \Phi_{3}^{8}$
75079	1232	765	$\frac{10}{153}$	$\frac{13}{153}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{765}^{2}\ \Phi_{255}^{2}\ \Phi_{85}^{2}\ \Phi_{45}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
75080	1232	60	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{60}^{22}\ \Phi_{30}^{22}\ \Phi_{20}^{22}\ \Phi_{15}^{15}\ \Phi_{12}^{24}\ \Phi_{10}^{22}\ \Phi_{6}^{24}\ \Phi_{5}^{14}\ \Phi_{4}^{24}\ \Phi_{3}^{16}\ \Phi_{2}^{24}\ \Phi_{1}^{16}$
75081	1232	855	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{18}{95}$	$\frac{1}{3}$	$\Phi_{855}^{2}\ \Phi_{285}\ \Phi_{95}^{2}\ \Phi_{45}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
75082	1232	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{3}$	$\Phi_{132}^{10}\ \Phi_{66}^{10}\ \Phi_{44}^{10}\ \Phi_{33}^{7}\ \Phi_{22}^{10}\ \Phi_{12}^{12}\ \Phi_{11}^{6}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{8}\ \Phi_{2}^{12}\ \Phi_{1}^{8}$
75083	1232	1530	$\frac{1}{17}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}\ \Phi_{170}\ \Phi_{153}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
75084	1232	342	$\frac{3}{38}$	$\frac{1}{9}$	$\frac{5}{38}$	$\frac{1}{3}$	$\Phi_{342}^{4}\ \Phi_{171}^{4}\ \Phi_{114}^{2}\ \Phi_{57}^{2}\ \Phi_{38}^{4}\ \Phi_{19}^{4}\ \Phi_{18}^{4}\ \Phi_{9}^{6}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
75085	1232	1851	$\frac{50}{617}$	$\frac{67}{617}$	$\frac{81}{617}$	$\frac{1}{3}$	Φ_{1851}
75086	1232	660	$\frac{1}{12}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{3}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{2}\ \Phi_{165}\ \Phi_{132}^{2}\ \Phi_{110}^{2}\ \Phi_{66}^{2}\ \Phi_{60}^{2}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{33}$ $\Phi_{30}^{2}\ \Phi_{22}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
75087	1232	1851	$\frac{49}{617}$	$\frac{71}{617}$	$\frac{78}{617}$	$\frac{1}{3}$	Φ_{1851}
75088	1232	696	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{696}^{2}\ \Phi_{348}^{2}\ \Phi_{232}^{2}\ \Phi_{174}^{2}\ \Phi_{116}^{2}\ \Phi_{58}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
75089	1232	72	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{72}^{22}\ \Phi_{36}^{16}\ \Phi_{24}^{15}\ \Phi_{18}^{16}\ \Phi_{12}^{11}\ \Phi_{9}^{18}\ \Phi_{8}^{14}\ \Phi_{6}^{11}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
75090	1232	570	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{37}{114}$	$\Phi_{570}^{3}\ \Phi_{285}^{3}\ \Phi_{114}^{4}\ \Phi_{57}^{4}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
75091	1232	225	$\frac{4}{75}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{71}{225}$	$\Phi_{225}^{5}\ \Phi_{75}^{6}\ \Phi_{45}^{6}\ \Phi_{25}^{6}\ \Phi_{15}^{7}\ \Phi_{9}^{5}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
75092	1232	1836	$\frac{1}{17}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{459}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
75093	1232	1530	$\frac{1}{17}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{51}\ \Phi_{34}$
75094	1232	555	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{9}{37}$	$\frac{4}{15}$	$\Phi_{555}^{3}\ \Phi_{111}^{3}\ \Phi_{37}^{3}\ \Phi_{15}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
75095	1232	435	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{435}^{4}\ \Phi_{145}\ \Phi_{87}^{4}$
75096	1232	555	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{555}^{3}\ \Phi_{111}^{3}\ \Phi_{37}^{3}\ \Phi_{15}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
75097	1232	2040	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{34}$
75098	1232	555	$\frac{7}{111}$	$\frac{13}{111}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{555}^{2}\ \Phi_{185}^{2}\ \Phi_{111}^{3}\ \Phi_{37}^{3}\ \Phi_{15}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
75099	1232	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{45}^{31}\ \Phi_{15}^{21}\ \Phi_{9}^{30}\ \Phi_{5}^{20}\ \Phi_{3}^{20}\ \Phi_{1}^{20}$
75100	1232	437	$\frac{1}{23}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{437}^{3}\ \Phi_{23}^{2}$
75101	1232	515	$\frac{3}{103}$	$\frac{1}{5}$	$\frac{25}{103}$	$\frac{26}{103}$	$\Phi_{515}^{3}\ \Phi_{5}^{2}$
75102	1232	80	$\frac{3}{80}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{80}^{16}\ \Phi_{40}^{16}\ \Phi_{20}^{13}\ \Phi_{16}^{16}\ \Phi_{10}^{13}\ \Phi_{8}^{16}\ \Phi_{5}^{16}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{16}$
75103	1232	770	$\frac{3}{55}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{13}{55}$	$\Phi_{770}^{2}\ \Phi_{385}\ \Phi_{154}^{2}\ \Phi_{110}^{2}\ \Phi_{77}\ \Phi_{70}^{2}\ \Phi_{55}^{2}\ \Phi_{35}\ \Phi_{22}^{2}\ \Phi_{14}^{4}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
75104	1232	387	$\frac{3}{43}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{10}{43}$	$\Phi_{387}^{3}\ \Phi_{129}^{3}\ \Phi_{43}^{4}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
75105	1232	1720	$\frac{3}{43}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{10}{43}$	$\Phi_{1720}\ \Phi_{860}\ \Phi_{430}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
75106	1232	1231	$\frac{87}{1231}$	$\frac{135}{1231}$	$\frac{274}{1231}$	$\frac{286}{1231}$	$\Phi_{1231}\ \Phi_{1}^{2}$
75107	1232	1416	$\frac{13}{177}$	$\frac{1}{8}$	$\frac{34}{177}$	$\frac{41}{177}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{472}\ \Phi_{354}\ \Phi_{236}\ \Phi_{118}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
75108	1232	900	$\frac{2}{25}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{23}{100}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}^{2}\ \Phi_{180}^{2}\ \Phi_{150}^{2}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{45}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
75109	1232	1231	$\frac{99}{1231}$	$\frac{142}{1231}$	$\frac{237}{1231}$	$\frac{283}{1231}$	$\Phi_{1231}\ \Phi_{1}^{2}$
75110	1232	1545	$\frac{25}{309}$	$\frac{34}{309}$	$\frac{1}{5}$	$\frac{71}{309}$	$\Phi_{1545}\ \Phi_{515}\ \Phi_{15}$
75111	1232	180	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{180}^{9}\ \Phi_{90}^{9}\ \Phi_{60}^{10}\ \Phi_{45}^{6}\ \Phi_{30}^{10}\ \Phi_{20}^{10}\ \Phi_{15}^{7}\ \Phi_{10}^{10}\ \Phi_{5}^{6}$
75112	1232	1356	$\frac{1}{12}$	$\frac{13}{113}$	$\frac{22}{113}$	$\frac{25}{113}$	$\Phi_{1356}\ \Phi_{678}\ \Phi_{452}\ \Phi_{339}\ \Phi_{226}$
75113	1232	1231	$\frac{90}{1231}$	$\frac{163}{1231}$	$\frac{241}{1231}$	$\frac{267}{1231}$	$\Phi_{1231}\ \Phi_{1}^{2}$
75114	1232	1545	$\frac{22}{309}$	$\frac{41}{309}$	$\frac{1}{5}$	$\frac{67}{309}$	$\Phi_{1545}\ \Phi_{515}\ \Phi_{15}$
75115	1232	210	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{210}^{8}\ \Phi_{105}^{4}\ \Phi_{70}^{6}\ \Phi_{42}^{8}\ \Phi_{35}^{3}\ \Phi_{30}^{8}\ \Phi_{21}^{4}\ \Phi_{15}^{8}\ \Phi_{14}^{8}\ \Phi_{10}^{6}\ \Phi_{7}^{4}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
75116	1232	462	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{33}$	$\frac{3}{14}$	$\Phi_{462}^{4}\ \Phi_{231}^{2}\ \Phi_{154}^{2}\ \Phi_{77}\ \Phi_{66}^{4}\ \Phi_{42}^{4}\ \Phi_{33}^{4}\ \Phi_{22}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{4}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
75117	1232	770	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{770}^{2}\ \Phi_{385}\ \Phi_{154}^{2}\ \Phi_{110}^{2}\ \Phi_{77}\ \Phi_{70}^{2}\ \Phi_{55}^{2}\ \Phi_{35}\ \Phi_{22}^{2}\ \Phi_{14}^{4}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
75118	1232	504	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{504}^{3}\ \Phi_{252}^{3}\ \Phi_{168}^{3}\ \Phi_{126}\ \Phi_{84}^{3}\ \Phi_{72}^{4}\ \Phi_{63}^{2}\ \Phi_{42}\ \Phi_{36}^{4}\ \Phi_{24}^{4}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
75119	1232	1632	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{272}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
75120	1232	95	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{95}^{13}\ \Phi_{19}^{12}\ \Phi_{5}^{16}\ \Phi_{1}^{16}$
75121	1232	190	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{190}^{6}\ \Phi_{95}^{6}\ \Phi_{38}^{8}\ \Phi_{19}^{8}\ \Phi_{10}^{6}\ \Phi_{5}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
75122	1232	120	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{120}^{12}\ \Phi_{60}^{9}\ \Phi_{40}^{9}\ \Phi_{30}^{9}\ \Phi_{24}^{16}\ \Phi_{20}^{6}\ \Phi_{15}^{9}\ \Phi_{12}^{12}\ \Phi_{10}^{6}\ \Phi_{8}^{12}\ \Phi_{6}^{12}\ \Phi_{5}^{9}\ \Phi_{4}^{8}\ \Phi_{3}^{12}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
75123	1232	225	$\frac{1}{9}$	$\frac{3}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{225}^{6}\ \Phi_{75}^{6}\ \Phi_{45}^{7}\ \Phi_{15}^{7}\ \Phi_{9}^{6}\ \Phi_{3}^{6}$
75124	1232	90	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{5}$	$\Phi_{90}^{16}\ \Phi_{45}^{11}\ \Phi_{30}^{16}\ \Phi_{18}^{16}\ \Phi_{15}^{13}\ \Phi_{10}^{16}\ \Phi_{9}^{10}\ \Phi_{6}^{16}\ \Phi_{5}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{16}\ \Phi_{1}^{12}$
75125	1233	704	$\frac{1}{176}$	$\frac{59}{352}$	$\frac{293}{704}$	$\frac{175}{352}$	$\Phi_{704}^{3}\ \Phi_{352}\ \Phi_{64}^{3}\ \Phi_{32}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
75126	1233	1648	$\frac{3}{412}$	$\frac{1}{4}$	$\frac{415}{1648}$	$\frac{409}{824}$	$\Phi_{1648}\ \Phi_{412}\ \Phi_{206}\ \Phi_{103}\ \Phi_{16}\ \Phi_1$
75127	1233	272	$\frac{1}{136}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{135}{272}$	$\Phi_{272}\ \Phi_{136}^8\ \Phi_{68}^8\ \Phi_{34}^8\ \Phi_{17}^8\ \Phi_{16}^2\ \Phi_8^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
75128	1233	272	$\frac{1}{136}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{135}{272}$	$\Phi_{272}^9\ \Phi_{16}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
75129	1233	2240	$\frac{1}{112}$	$\frac{113}{1120}$	$\frac{1007}{2240}$	$\frac{111}{224}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
75130	1233	812	$\frac{5}{406}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{401}{812}$	$\Phi_{812}^3\ \Phi_{116}^3\ \Phi_{28}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
75131	1233	2432	$\frac{17}{1216}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{1199}{2432}$	$\Phi_{2432}\ \Phi_{128}\ \Phi_{32}\ \Phi_1$
75132	1233	1652	$\frac{6}{413}$	$\frac{1}{7}$	$\frac{419}{1652}$	$\frac{407}{826}$	$\Phi_{1652}\ \Phi_{413}\ \Phi_{236}\ \Phi_{59}\ \Phi_{28}\ \Phi_4\ \Phi_1$
75133	1233	270	$\frac{2}{135}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{133}{270}$	$\Phi_{270}^4\ \Phi_{135}^5\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^5\ \Phi_{30}^5\ \Phi_{27}^5\ \Phi_{18}^4\ \Phi_{15}^6\ \Phi_{10}^4\ \Phi_9^5\ \Phi_6^5\ \Phi_5^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
75134	1233	920	$\frac{1}{46}$	$\frac{1}{10}$	$\frac{47}{184}$	$\frac{45}{92}$	$\Phi_{920}^2\ \Phi_{230}^2\ \Phi_{184}\ \Phi_{115}^2\ \Phi_{46}\ \Phi_{40}^2\ \Phi_{23}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
75135	1233	800	$\frac{11}{400}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{389}{800}$	$\Phi_{800}^3\ \Phi_{160}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
75136	1233	800	$\frac{11}{400}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{389}{800}$	$\Phi_{800}^3\ \Phi_{160}^3\ \Phi_{40}\ \Phi_{32}^3\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
75137	1233	496	$\frac{7}{248}$	$\frac{1}{8}$	$\frac{85}{496}$	$\frac{241}{496}$	$\Phi_{496}^2\ \Phi_{248}^3\ \Phi_{124}^3\ \Phi_{62}^3\ \Phi_{31}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
75138	1233	1664	$\frac{15}{416}$	$\frac{1}{16}$	$\frac{431}{1664}$	$\frac{401}{832}$	$\Phi_{1664}\ \Phi_{416}\ \Phi_{208}\ \Phi_{128}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
75139	1233	264	$\frac{5}{132}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{127}{264}$	$\Phi_{264}^9\ \Phi_{88}^9\ \Phi_{24}^9\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^9\ \Phi_2^2\ \Phi_1^3$
75140	1233	264	$\frac{5}{132}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{127}{264}$	$\Phi_{264}^9\ \Phi_{88}^9\ \Phi_{24}^9\ \Phi_{11}^4\ \Phi_8^9\ \Phi_1^5$
75141	1233	1320	$\frac{5}{132}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{127}{264}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}\ \Phi_{120}^2\ \Phi_{88}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
75142	1233	784	$\frac{1}{28}$	$\frac{19}{392}$	$\frac{9}{28}$	$\frac{373}{784}$	$\Phi_{784}^3\ \Phi_{112}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
75143	1233	1672	$\frac{1}{22}$	$\frac{21}{418}$	$\frac{439}{1672}$	$\frac{397}{836}$	$\Phi_{1672}\ \Phi_{418}\ \Phi_{209}\ \Phi_{152}\ \Phi_{88}\ \Phi_{38}\ \Phi_{19}\ \Phi_8\ \Phi_1$
75144	1233	153	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{1}{9}$	$\frac{8}{17}$	$\Phi_{153}^8\ \Phi_{51}^8\ \Phi_{17}^9\ \Phi_9^7\ \Phi_3^7\ \Phi_1^9$
75145	1233	608	$\frac{17}{608}$	$\frac{1}{16}$	$\frac{197}{608}$	$\frac{15}{32}$	$\Phi_{608}^2\ \Phi_{304}^2\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{32}^3\ \Phi_{19}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
75146	1233	1280	$\frac{47}{1280}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
75147	1233	560	$\frac{1}{28}$	$\frac{9}{140}$	$\frac{149}{560}$	$\frac{131}{280}$	$\Phi_{560}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
75148	1233	256	$\frac{1}{16}$	$\frac{9}{128}$	$\frac{5}{32}$	$\frac{119}{256}$	$\Phi_{256}^9\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
75149	1233	143	$\frac{6}{143}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{143}^9\ \Phi_{13}^9\ \Phi_{11}^4\ \Phi_1^5$
75150	1233	2240	$\frac{1}{28}$	$\frac{113}{1120}$	$\frac{27}{140}$	$\frac{1007}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{140}\ \Phi_{70}\ \Phi_{64}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
75151	1233	168	$\frac{1}{28}$	$\frac{3}{28}$	$\frac{31}{168}$	$\frac{25}{56}$	$\Phi_{168}^9\ \Phi_{84}^9\ \Phi_{42}^9\ \Phi_{28}^8\ \Phi_{24}^9\ \Phi_{21}^9\ \Phi_{14}^8\ \Phi_{12}^9\ \Phi_7^8\ \Phi_6^9\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
75152	1233	816	$\frac{1}{68}$	$\frac{1}{8}$	$\frac{67}{204}$	$\frac{7}{16}$	$\Phi_{816}^4\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}^4\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
75153	1233	560	$\frac{3}{140}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{560}^4\ \Phi_{140}\ \Phi_{112}^4\ \Phi_{80}^4\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
75154	1233	1360	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{33}{170}$	$\frac{7}{16}$	$\Phi_{1360}^2\ \Phi_{170}\ \Phi_{85}\ \Phi_{80}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
75155	1233	144	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{144}^9\ \Phi_{72}^9\ \Phi_{48}^9\ \Phi_{36}^9\ \Phi_{24}^9\ \Phi_{18}^9\ \Phi_{16}^2\ \Phi_{12}^9\ \Phi_9^9\ \Phi_8^8\ \Phi_6^9\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
75156	1233	2448	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{153}\ \Phi_{144}\ \Phi_{51}\ \Phi_{48}\ \Phi_{16}\ \Phi_9\ \Phi_3\ \Phi_1$
75157	1233	448	$\frac{1}{16}$	$\frac{37}{448}$	$\frac{5}{32}$	$\frac{27}{64}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_8^2\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
75158	1233	720	$\frac{7}{144}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
75159	1233	704	$\frac{1}{88}$	$\frac{59}{352}$	$\frac{29}{88}$	$\frac{293}{704}$	$\Phi_{704}^3\ \Phi_{88}^2\ \Phi_{64}^3\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
75160	1233	1280	$\frac{47}{1280}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{128}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
75161	1233	2080	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{193}{1040}$	$\frac{847}{2080}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{208}\ \Phi_{160}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
75162	1233	230	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{22}{115}$	$\frac{93}{230}$	$\Phi_{230}^5\ \Phi_{115}^6\ \Phi_{46}^5\ \Phi_{23}^5\ \Phi_{10}^4\ \Phi_5^5\ \Phi_2^4\ \Phi_1^5$
75163	1233	1400	$\frac{1}{28}$	$\frac{167}{1400}$	$\frac{27}{140}$	$\frac{113}{280}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{200}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
75164	1233	1760	$\frac{1}{88}$	$\frac{87}{440}$	$\frac{527}{1760}$	$\frac{353}{880}$	$\Phi_{1760}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
75165	1233	224	$\frac{1}{112}$	$\frac{25}{112}$	$\frac{37}{112}$	$\frac{87}{224}$	$\Phi_{224}^9\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{32}^9\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
75166	1233	224	$\frac{1}{28}$	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{87}{224}$	$\Phi_{224}^9\ \Phi_{32}^9\ \Phi_{28}^8\ \Phi_{14}^8\ \Phi_7^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
75167	1233	1984	$\frac{7}{248}$	$\frac{1}{8}$	$\frac{241}{992}$	$\frac{751}{1984}$	$\Phi_{1984}\ \Phi_{248}\ \Phi_{124}\ \Phi_{64}\ \Phi_{62}\ \Phi_{31}\ \Phi_1$
75168	1233	1792	$\frac{1}{112}$	$\frac{111}{448}$	$\frac{559}{1792}$	$\frac{337}{896}$	$\Phi_{1792}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
75169	1233	416	$\frac{5}{416}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{416}^3\ \Phi_{208}^3\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{32}^3\ \Phi_{26}^3\ \Phi_{16}^3\ \Phi_{13}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
75170	1233	140	$\frac{3}{140}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{140}^9\ \Phi_{70}^9\ \Phi_{35}^9\ \Phi_{28}^9\ \Phi_{20}^9\ \Phi_{14}^6\ \Phi_{10}^9\ \Phi_7^8\ \Phi_5^9\ \Phi_4^9\ \Phi_2^6\ \Phi_1^9$
75171	1233	440	$\frac{1}{22}$	$\frac{29}{440}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{88}^3\ \Phi_{55}^3\ \Phi_{40}^3\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{11}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_2^2\ \Phi_1^3$
75172	1233	448	$\frac{1}{28}$	$\frac{37}{448}$	$\frac{9}{28}$	$\frac{19}{56}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
75173	1233	176	$\frac{1}{88}$	$\frac{39}{176}$	$\frac{29}{88}$	$\frac{59}{176}$	$\Phi_{176}^6\ \Phi_{88}^8\ \Phi_{44}^8\ \Phi_{22}^8\ \Phi_{16}^6\ \Phi_{11}^8\ \Phi_8^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
75174	1233	412	$\frac{1}{103}$	$\frac{1}{4}$	$\frac{34}{103}$	$\frac{69}{206}$	$\Phi_{412}^4\ \Phi_{206}\ \Phi_{103}^3\ \Phi_4^3\ \Phi_1^3$
75175	1233	616	$\frac{1}{154}$	$\frac{51}{154}$	$\frac{205}{616}$	$\frac{103}{308}$	$\Phi_{616}^3\ \Phi_{154}^2\ \Phi_{88}^3\ \Phi_{77}^2\ \Phi_{56}^3\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_2^2\ \Phi_1^3$
75176	1233	195	$\frac{2}{65}$	$\frac{7}{65}$	$\frac{58}{195}$	$\frac{1}{3}$	$\Phi_{195}^5\ \Phi_{65}^9\ \Phi_{39}^5\ \Phi_{15}^5\ \Phi_{13}^9\ \Phi_5^9\ \Phi_3^4\ \Phi_1^9$
75177	1233	180	$\frac{2}{45}$	$\frac{1}{10}$	$\frac{43}{180}$	$\frac{1}{3}$	$\Phi_{180}^9\ \Phi_{90}^4\ \Phi_{60}^9\ \Phi_{45}^5\ \Phi_{36}^9\ \Phi_{30}^5\ \Phi_{20}^9\ \Phi_{18}^4\ \Phi_{15}^6\ \Phi_{12}^9\ \Phi_{10}^4\ \Phi_9^5\ \Phi_6^5\ \Phi_5^5\ \Phi_4^9\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
75178	1233	720	$\frac{7}{144}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}\ \Phi_{120}^2\ \Phi_{90}\ \Phi_{80}^2\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
75179	1233	810	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{25}{162}$	$\frac{1}{3}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{90}\ \Phi_{81}\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
75180	1233	150	$\frac{13}{150}$	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{150}^9\ \Phi_{75}^9\ \Phi_{50}^9\ \Phi_{30}^5\ \Phi_{25}^9\ \Phi_{15}^6\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
75181	1233	204	$\frac{1}{68}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{67}{204}$	$\Phi_{204}^9\ \Phi_{102}^9\ \Phi_{51}^9\ \Phi_{12}^9\ \Phi_6^9\ \Phi_4^2\ \Phi_3^9\ \Phi_2^2\ \Phi_1^3$
75182	1233	407	$\frac{8}{407}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{133}{407}$	$\Phi_{407}^3\ \Phi_{37}^3\ \Phi_{11}^4\ \Phi_1^5$
75183	1233	203	$\frac{5}{203}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{66}{203}$	$\Phi_{203}^6\ \Phi_{29}^6\ \Phi_7^8\ \Phi_1^9$
75184	1233	385	$\frac{2}{77}$	$\frac{52}{385}$	$\frac{111}{385}$	$\frac{25}{77}$	$\Phi_{385}^3\ \Phi_{77}^4\ \Phi_{55}^3\ \Phi_{35}^3\ \Phi_{11}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_1^5$
75185	1233	196	$\frac{1}{28}$	$\frac{19}{196}$	$\frac{59}{196}$	$\frac{9}{28}$	$\Phi_{196}^6\ \Phi_{98}^6\ \Phi_{49}^6\ \Phi_{28}^8\ \Phi_{14}^8\ \Phi_7^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
75186	1233	198	$\frac{1}{22}$	$\frac{5}{66}$	$\frac{61}{198}$	$\frac{7}{22}$	$\Phi_{198}^9\ \Phi_{99}^9\ \Phi_{22}^2\ \Phi_{18}^9\ \Phi_{11}^2\ \Phi_9^9\ \Phi_2^2\ \Phi_1^3$
75187	1233	154	$\frac{1}{22}$	$\frac{17}{154}$	$\frac{5}{22}$	$\frac{7}{22}$	$\Phi_{154}^9\ \Phi_{77}^9\ \Phi_{22}^2\ \Phi_{14}^9\ \Phi_{11}^2\ \Phi_7^9\ \Phi_2^2\ \Phi_1^3$
75188	1233	176	$\frac{1}{22}$	$\frac{5}{44}$	$\frac{39}{176}$	$\frac{7}{22}$	$\Phi_{176}^9\ \Phi_{88}^9\ \Phi_{22}^2\ \Phi_{16}^9\ \Phi_{11}^2\ \Phi_8^9\ \Phi_2^2\ \Phi_1^3$
75189	1233	200	$\frac{11}{200}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{63}{200}$	$\Phi_{200}^6\ \Phi_{100}^6\ \Phi_{50}^6\ \Phi_{40}^7\ \Phi_{25}^6\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_8^6\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
75190	1233	160	$\frac{1}{16}$	$\frac{11}{80}$	$\frac{23}{160}$	$\frac{5}{16}$	$\Phi_{160}^9\ \Phi_{80}^6\ \Phi_{40}^6\ \Phi_{32}^9\ \Phi_{20}^6\ \Phi_{16}^8\ \Phi_{10}^6\ \Phi_8^8\ \Phi_5^6\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
75191	1233	198	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{61}{198}$	$\Phi_{198}^9\ \Phi_{99}^9\ \Phi_{18}^9\ \Phi_{11}^4\ \Phi_9^9\ \Phi_1^5$
75192	1233	990	$\frac{5}{66}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{61}{198}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{198}\ \Phi_{99}\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
75193	1233	192	$\frac{1}{16}$	$\frac{9}{64}$	$\frac{5}{32}$	$\frac{55}{192}$	$\Phi_{192}^9\ \Phi_{96}^9\ \Phi_{48}^9\ \Phi_{32}^3\ \Phi_{24}^9\ \Phi_{16}^2\ \Phi_{12}^9\ \Phi_8^2\ \Phi_6^9\ \Phi_4^2\ \Phi_3^9\ \Phi_2^2\ \Phi_1^3$
75194	1233	160	$\frac{1}{16}$	$\frac{23}{160}$	$\frac{5}{32}$	$\frac{9}{32}$	$\Phi_{160}^9\ \Phi_{80}^9\ \Phi_{40}^9\ \Phi_{32}^3\ \Phi_{20}^9\ \Phi_{16}^2\ \Phi_{10}^9\ \Phi_8^2\ \Phi_5^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
75195	1233	440	$\frac{29}{440}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{88}^3\ \Phi_{55}^3\ \Phi_{44}^3\ \Phi_{40}\ \Phi_{22}^3\ \Phi_{20}\ \Phi_{11}^3\ \Phi_{10}\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
75196	1233	560	$\frac{1}{28}$	$\frac{27}{140}$	$\frac{113}{560}$	$\frac{149}{560}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^3\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{70}^3\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_7^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
75197	1233	140	$\frac{3}{140}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^9\ \Phi_{70}^9\ \Phi_{35}^9\ \Phi_{28}^9\ \Phi_{20}^9\ \Phi_{14}^9\ \Phi_{10}^9\ \Phi_7^9\ \Phi_5^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
75198	1233	544	$\frac{3}{136}$	$\frac{133}{544}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{544}^3\ \Phi_{272}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
75199	1233	340	$\frac{1}{34}$	$\frac{33}{170}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{340}^4\ \Phi_{170}^5\ \Phi_{85}^5\ \Phi_{20}^4\ \Phi_{10}^5\ \Phi_5^5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
75200	1233	476	$\frac{3}{68}$	$\frac{65}{476}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{476}^3\ \Phi_{238}^3\ \Phi_{119}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
75201	1233	144	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{144}^9\ \Phi_{72}^9\ \Phi_{48}^9\ \Phi_{36}^9\ \Phi_{24}^9\ \Phi_{18}^9\ \Phi_{16}^9\ \Phi_{12}^9\ \Phi_9^9\ \Phi_6^9\ \Phi_4^2\ \Phi_3^9\ \Phi_2^2\ \Phi_1^3$
75202	1233	612	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{153}^3\ \Phi_{102}^2\ \Phi_{51}^3\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
75203	1233	1600	$\frac{33}{400}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{367}{1600}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{320}\ \Phi_{160}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
75204	1233	154	$\frac{1}{11}$	$\frac{17}{154}$	$\frac{2}{11}$	$\frac{5}{22}$	$\Phi_{154}^9\ \Phi_{77}^9\ \Phi_{14}^9\ \Phi_{11}^4\ \Phi_7^9\ \Phi_1^5$
75205	1233	176	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{2}{11}$	$\frac{39}{176}$	$\Phi_{176}^9\ \Phi_{88}^9\ \Phi_{16}^9\ \Phi_{11}^4\ \Phi_8^9\ \Phi_1^5$
75206	1233	512	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{101}{512}$	$\frac{27}{128}$	$\Phi_{512}^3\ \Phi_{256}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
75207	1233	165	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{28}{165}$	$\frac{2}{11}$	$\Phi_{165}^9\ \Phi_{55}^9\ \Phi_{15}^9\ \Phi_{11}^4\ \Phi_5^9\ \Phi_1^5$
75208	1233	1400	$\frac{167}{1400}$	$\frac{1}{8}$	$\frac{33}{200}$	$\frac{7}{40}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{175}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
75209	1233	160	$\frac{1}{8}$	$\frac{11}{80}$	$\frac{23}{160}$	$\frac{7}{40}$	$\Phi_{160}^9\ \Phi_{80}^6\ \Phi_{40}^7\ \Phi_{32}^9\ \Phi_{20}^7\ \Phi_{16}^6\ \Phi_{10}^7\ \Phi_8^6\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
75210	1234	1230	$\frac{2}{615}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{613}{1230}$	$\Phi_{1230}^2\ \Phi_{410}^2\ \Phi_{246}^2\ \Phi_{82}^2\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
75211	1234	2472	$\frac{1}{206}$	$\frac{207}{824}$	$\frac{1}{3}$	$\frac{205}{412}$	$\Phi_{2472}\ \Phi_{618}\ \Phi_{309}\ \Phi_{24}\ \Phi_6$
75212	1234	1096	$\frac{1}{137}$	$\frac{69}{548}$	$\frac{479}{1096}$	$\frac{68}{137}$	$\Phi_{1096}^2\ \Phi_{137}\ \Phi_8^2\ \Phi_1^2$
75213	1234	822	$\frac{1}{137}$	$\frac{205}{822}$	$\frac{69}{274}$	$\frac{68}{137}$	$\Phi_{822}^2\ \Phi_{411}^2\ \Phi_{137}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
75214	1234	1224	$\frac{5}{612}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{607}{1224}$	$\Phi_{1224}^2\ \Phi_{408}^2\ \Phi_{136}^2\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
75215	1234	1224	$\frac{5}{612}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{607}{1224}$	$\Phi_{1224}^2\ \Phi_{408}^2\ \Phi_{136}^2\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
75216	1234	1215	$\frac{19}{1215}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{598}{1215}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
75217	1234	828	$\frac{4}{207}$	$\frac{1}{9}$	$\frac{211}{828}$	$\frac{203}{414}$	$\Phi_{828}^2\ \Phi_{276}^2\ \Phi_{207}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{36}^2\ \Phi_{23}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
75218	1234	1188	$\frac{23}{594}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{571}{1188}$	$\Phi_{1188}^2\ \Phi_{396}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
75219	1234	918	$\frac{5}{306}$	$\frac{1}{9}$	$\frac{301}{918}$	$\frac{4}{9}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
75220	1234	630	$\frac{13}{630}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
75221	1234	765	$\frac{5}{153}$	$\frac{1}{9}$	$\frac{148}{765}$	$\frac{4}{9}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{85}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
75222	1234	648	$\frac{31}{648}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
75223	1234	648	$\frac{31}{648}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
75224	1234	624	$\frac{7}{624}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{48}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
75225	1234	1035	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{199}{1035}$	$\frac{418}{1035}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}^2\ \Phi_{115}\ \Phi_{69}^2\ \Phi_{45}\ \Phi_{23}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
75226	1234	3090	$\frac{1}{103}$	$\frac{102}{515}$	$\frac{1}{3}$	$\frac{413}{1030}$	$\Phi_{3090}\ \Phi_{618}\ \Phi_{309}\ \Phi_{30}\ \Phi_6$
75227	1234	927	$\frac{2}{309}$	$\frac{307}{927}$	$\frac{1}{3}$	$\frac{310}{927}$	$\Phi_{927}\ \Phi_{309}^2\ \Phi_{103}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
75228	1234	738	$\frac{2}{123}$	$\frac{121}{738}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{738}^2\ \Phi_{369}^2\ \Phi_{246}^2\ \Phi_{82}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
75229	1234	630	$\frac{13}{630}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
75230	1234	918	$\frac{5}{306}$	$\frac{1}{6}$	$\frac{301}{918}$	$\frac{1}{3}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
75231	1234	630	$\frac{13}{630}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
75232	1234	816	$\frac{5}{204}$	$\frac{1}{6}$	$\frac{199}{816}$	$\frac{1}{3}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^2\ \Phi_{136}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
75233	1234	648	$\frac{31}{648}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
75234	1234	714	$\frac{5}{102}$	$\frac{97}{714}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
75235	1234	891	$\frac{23}{297}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{274}{891}$	$\Phi_{891}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
75236	1234	810	$\frac{19}{405}$	$\frac{1}{9}$	$\frac{193}{810}$	$\frac{8}{27}$	$\Phi_{810}^2\ \Phi_{405}\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}\ \Phi_{90}^2\ \Phi_{81}\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
75237	1234	648	$\frac{31}{648}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
75238	1234	729	$\frac{19}{243}$	$\frac{1}{9}$	$\frac{112}{729}$	$\frac{8}{27}$	$\Phi_{729}^2\ \Phi_{243}\ \Phi_{81}\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
75239	1234	675	$\frac{58}{675}$	$\frac{1}{9}$	$\frac{19}{135}$	$\frac{8}{27}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
75240	1235	984	$\frac{1}{246}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{245}{492}$	$\Phi_{984}^2\ \Phi_{492}\ \Phi_{328}^2\ \Phi_{164}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
75241	1235	1128	$\frac{1}{94}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{93}{188}$	$\Phi_{1128}^2\ \Phi_{376}^2\ \Phi_{188}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
75242	1235	2820	$\frac{1}{94}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{93}{188}$	$\Phi_{2820}\ \Phi_{940}\ \Phi_{188}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_5\ \Phi_4\ \Phi_1$
75243	1235	1692	$\frac{1}{94}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{93}{188}$	$\Phi_{1692}^2\ \Phi_{188}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
75244	1235	752	$\frac{1}{94}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{93}{188}$	$\Phi_{752}^2\ \Phi_{376}^2\ \Phi_{188}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
75245	1235	1464	$\frac{3}{244}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{241}{488}$	$\Phi_{1464}^2\ \Phi_{488}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
75246	1235	1152	$\frac{1}{64}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{63}{128}$	$\Phi_{1152}^2\ \Phi_{384}^2\ \Phi_{128}^3\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
75247	1235	2688	$\frac{1}{64}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{63}{128}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{128}\ \Phi_{21}\ \Phi_7\ \Phi_1$
75248	1235	3456	$\frac{1}{64}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{63}{128}$	$\Phi_{3456}\ \Phi_{128}\ \Phi_{27}\ \Phi_1$
75249	1235	384	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{63}{128}$	$\Phi_{384}^6\ \Phi_{128}^7\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
75250	1235	1302	$\frac{2}{93}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{91}{186}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}\ \Phi_{217}\ \Phi_{93}\ \Phi_{42}^2\ \Phi_{31}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
75251	1235	480	$\frac{7}{240}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{233}{480}$	$\Phi_{480}^5\ \Phi_{160}^5\ \Phi_{96}^5\ \Phi_{32}^5\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
75252	1235	896	$\frac{1}{32}$	$\frac{1}{14}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{896}^2\ \Phi_{224}^2\ \Phi_{128}\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{32}\ \Phi_{28}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
75253	1235	1260	$\frac{2}{63}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
75254	1235	1288	$\frac{3}{92}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{89}{184}$	$\Phi_{1288}^2\ \Phi_{184}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
75255	1235	440	$\frac{1}{22}$	$\frac{1}{20}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{440}^4\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{88}^3\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^4\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
75256	1235	288	$\frac{1}{32}$	$\frac{1}{18}$	$\frac{31}{96}$	$\frac{17}{36}$	$\Phi_{288}^4\ \Phi_{144}^4\ \Phi_{96}^5\ \Phi_{72}^4\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{32}^4\ \Phi_{24}^5\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{12}^6\ \Phi_9^4\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
75257	1235	612	$\frac{3}{68}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{68}^3\ \Phi_{51}^2\ \Phi_{36}\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
75258	1235	144	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{17}{36}$	$\Phi_{144}^8\ \Phi_{72}^8\ \Phi_{48}^8\ \Phi_{36}^9\ \Phi_{24}^8\ \Phi_{18}^8\ \Phi_{16}^{12}\ \Phi_{12}^9\ \Phi_9^8\ \Phi_8^{12}\ \Phi_6^8\ \Phi_4^{13}\ \Phi_3^8\ \Phi_2^{12}\ \Phi_1^{13}$
75259	1235	252	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{252}^{10}\ \Phi_{84}^{10}\ \Phi_{42}^2\ \Phi_{36}^5\ \Phi_{28}^{10}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^5\ \Phi_7\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
75260	1235	72	$\frac{1}{18}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{17}{36}$	$\Phi_{72}^{17}\ \Phi_{36}^{18}\ \Phi_{24}^{17}\ \Phi_{18}^{17}\ \Phi_{12}^{18}\ \Phi_9^{17}\ \Phi_8^{16}\ \Phi_6^{17}\ \Phi_4^{17}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{17}$
75261	1235	1232	$\frac{1}{14}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{81}{176}$	$\Phi_{1232}^2\ \Phi_{176}\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
75262	1235	1128	$\frac{1}{47}$	$\frac{1}{12}$	$\frac{46}{141}$	$\frac{11}{24}$	$\Phi_{1128}^2\ \Phi_{376}^2\ \Phi_{141}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_3\ \Phi_1$
75263	1235	1128	$\frac{2}{47}$	$\frac{1}{12}$	$\frac{9}{47}$	$\frac{11}{24}$	$\Phi_{1128}^2\ \Phi_{376}^2\ \Phi_{47}^2\ \Phi_{24}^3\ \Phi_8^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
75264	1235	120	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{120}^{20}\ \Phi_{60}^{2}\ \Phi_{40}^{20}\ \Phi_{30}^{2}\ \Phi_{24}^{15}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{8}^{15}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
75265	1235	768	$\frac{9}{256}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{768}^{2}\ \Phi_{384}^{2}\ \Phi_{256}\ \Phi_{192}^{2}\ \Phi_{128}\ \Phi_{96}^{2}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
75266	1235	168	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{168}$	$\Phi_{168}^{13}\ \Phi_{84}^{2}\ \Phi_{56}^{13}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{13}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}^{13}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
75267	1235	1302	$\frac{1}{31}$	$\frac{30}{217}$	$\frac{1}{6}$	$\frac{187}{434}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{217}\ \Phi_{186}^{2}\ \Phi_{93}^{2}\ \Phi_{62}\ \Phi_{42}\ \Phi_{31}\ \Phi_{21}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75268	1235	360	$\frac{1}{20}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{4}\ \Phi_{90}^{4}\ \Phi_{72}^{3}\ \Phi_{60}^{2}\ \Phi_{45}^{4}\ \Phi_{40}^{4}\ \Phi_{36}^{3}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{20}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
75269	1235	220	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{220}^{6}\ \Phi_{110}^{6}\ \Phi_{55}^{6}\ \Phi_{44}^{6}\ \Phi_{22}\ \Phi_{20}^{5}\ \Phi_{11}^{5}\ \Phi_{10}^{5}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{1}^{5}$
75270	1235	1056	$\frac{1}{66}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1056}^{2}\ \Phi_{352}^{2}\ \Phi_{132}^{2}\ \Phi_{96}^{2}\ \Phi_{66}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
75271	1235	224	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{224}^{10}\ \Phi_{112}^{2}\ \Phi_{56}^{2}\ \Phi_{32}^{5}\ \Phi_{28}^{2}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
75272	1235	1992	$\frac{2}{249}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1992}\ \Phi_{664}\ \Phi_{249}\ \Phi_{83}\ \Phi_{8}\ \Phi_{1}$
75273	1235	2952	$\frac{1}{123}$	$\frac{1}{4}$	$\frac{122}{369}$	$\frac{3}{8}$	$\Phi_{2952}\ \Phi_{369}\ \Phi_{72}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
75274	1235	328	$\frac{1}{82}$	$\frac{81}{328}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{328}^{3}\ \Phi_{164}^{5}\ \Phi_{82}^{4}\ \Phi_{41}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
75275	1235	264	$\frac{1}{66}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^{4}\ \Phi_{132}^{6}\ \Phi_{88}^{4}\ \Phi_{66}^{5}\ \Phi_{44}^{6}\ \Phi_{33}^{5}\ \Phi_{24}^{3}\ \Phi_{22}^{5}\ \Phi_{12}^{5}\ \Phi_{11}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
75276	1235	504	$\frac{5}{252}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^{4}\ \Phi_{252}\ \Phi_{168}^{4}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}^{4}\ \Phi_{63}\ \Phi_{56}^{4}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}^{3}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
75277	1235	2296	$\frac{1}{41}$	$\frac{40}{287}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2296}\ \Phi_{287}\ \Phi_{56}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
75278	1235	328	$\frac{2}{41}$	$\frac{3}{41}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{328}^{6}\ \Phi_{41}^{6}\ \Phi_{8}^{7}\ \Phi_{1}^{7}$
75279	1235	280	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^{8}\ \Phi_{140}^{2}\ \Phi_{70}^{2}\ \Phi_{56}^{6}\ \Phi_{40}^{4}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
75280	1235	330	$\frac{1}{66}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{330}^{4}\ \Phi_{165}^{4}\ \Phi_{110}^{4}\ \Phi_{66}^{3}\ \Phi_{55}^{4}\ \Phi_{33}^{3}\ \Phi_{30}^{3}\ \Phi_{22}^{3}\ \Phi_{15}^{4}\ \Phi_{11}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
75281	1235	1008	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{23}{72}$	$\frac{49}{144}$	$\Phi_{1008}^{2}\ \Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{144}\ \Phi_{112}^{2}\ \Phi_{84}^{2}\ \Phi_{56}^{2}\ \Phi_{48}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
75282	1235	372	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{61}{186}$	$\frac{125}{372}$	$\Phi_{372}^{5}\ \Phi_{186}^{2}\ \Phi_{124}^{5}\ \Phi_{93}^{2}\ \Phi_{62}\ \Phi_{31}\ \Phi_{12}^{5}\ \Phi_{6}\ \Phi_{4}^{5}\ \Phi_{3}\ \Phi_{1}$
75283	1235	705	$\frac{1}{47}$	$\frac{2}{15}$	$\frac{46}{141}$	$\frac{1}{3}$	$\Phi_{705}^{2}\ \Phi_{235}^{2}\ \Phi_{141}\ \Phi_{15}^{3}\ \Phi_{5}^{3}\ \Phi_{3}\ \Phi_{1}$
75284	1235	672	$\frac{1}{32}$	$\frac{2}{21}$	$\frac{31}{96}$	$\frac{1}{3}$	$\Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{224}^{2}\ \Phi_{168}^{2}\ \Phi_{112}^{2}\ \Phi_{96}\ \Phi_{84}^{2}\ \Phi_{56}^{2}\ \Phi_{48}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{7}^{3}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75285	1235	1428	$\frac{3}{68}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{238}\ \Phi_{119}\ \Phi_{68}\ \Phi_{34}\ \Phi_{21}\ \Phi_{17}\ \Phi_{7}\ \Phi_{1}$
75286	1235	420	$\frac{1}{20}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{2}\ \Phi_{70}^{3}\ \Phi_{60}^{4}\ \Phi_{42}^{2}\ \Phi_{35}^{3}\ \Phi_{30}^{4}\ \Phi_{28}^{2}\ \Phi_{21}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{4}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
75287	1235	360	$\frac{1}{20}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}^{4}\ \Phi_{180}^{3}\ \Phi_{120}^{4}\ \Phi_{90}^{3}\ \Phi_{72}^{3}\ \Phi_{60}^{4}\ \Phi_{45}^{3}\ \Phi_{40}^{4}\ \Phi_{36}^{2}\ \Phi_{30}^{4}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{18}^{2}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
75288	1235	705	$\frac{2}{47}$	$\frac{2}{15}$	$\frac{9}{47}$	$\frac{1}{3}$	$\Phi_{705}^{2}\ \Phi_{235}^{2}\ \Phi_{47}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
75289	1235	336	$\frac{1}{16}$	$\frac{2}{21}$	$\frac{3}{16}$	$\frac{1}{3}$	$\Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{112}^{4}\ \Phi_{84}^{4}\ \Phi_{56}^{4}\ \Phi_{42}^{4}\ \Phi_{28}^{4}\ \Phi_{21}^{5}\ \Phi_{16}^{4}\ \Phi_{14}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
75290	1235	60	$\frac{1}{20}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{60}^{22}\ \Phi_{30}^{19}\ \Phi_{20}^{21}\ \Phi_{15}^{20}\ \Phi_{12}^{22}\ \Phi_{10}^{18}\ \Phi_{6}^{21}\ \Phi_{5}^{19}\ \Phi_{4}^{21}\ \Phi_{3}^{21}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
75291	1235	42	$\frac{1}{14}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{42}^{29}\ \Phi_{21}^{30}\ \Phi_{14}^{28}\ \Phi_{7}^{29}\ \Phi_{6}^{31}\ \Phi_{3}^{31}\ \Phi_{2}^{30}\ \Phi_{1}^{31}$
75292	1235	504	$\frac{2}{21}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{504}^{3}\ \Phi_{252}^{3}\ \Phi_{168}^{2}\ \Phi_{126}^{3}\ \Phi_{84}^{2}\ \Phi_{72}\ \Phi_{63}^{3}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{36}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}^{3}\ \Phi_{18}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}^{3}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75293	1235	846	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{46}{141}$	$\Phi_{846}^{2}\ \Phi_{423}^{2}\ \Phi_{141}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$
75294	1235	2256	$\frac{1}{47}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{46}{141}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{141}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
75295	1235	864	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{31}{96}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{96}\ \Phi_{54}^2\ \Phi_{48}\ \Phi_{27}^3\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
75296	1235	96	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{31}{96}$	$\Phi_{96}^{13}\ \Phi_{48}^{13}\ \Phi_{32}^{12}\ \Phi_{24}^{14}\ \Phi_{16}^{12}\ \Phi_{12}^{14}\ \Phi_8^{13}\ \Phi_6^{13}\ \Phi_4^{13}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
75297	1235	360	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{113}{360}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{90}^5\ \Phi_{72}^5\ \Phi_{45}^5\ \Phi_{36}^5\ \Phi_{24}^2\ \Phi_{18}^5\ \Phi_{12}^2\ \Phi_9^5\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
75298	1235	1836	$\frac{3}{68}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{459}\ \Phi_{68}\ \Phi_{34}\ \Phi_{27}\ \Phi_{17}\ \Phi_1$
75299	1235	432	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{8}{27}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{108}^4\ \Phi_{54}^4\ \Phi_{27}^5\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
75300	1235	378	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{378}^5\ \Phi_{189}^5\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{27}^3\ \Phi_{21}^2\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
75301	1235	216	$\frac{7}{72}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{27}$	$\Phi_{216}^8\ \Phi_{108}^8\ \Phi_{72}\ \Phi_{54}^8\ \Phi_{36}\ \Phi_{27}^9\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
75302	1235	264	$\frac{17}{264}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{264}^5\ \Phi_{132}^5\ \Phi_{88}^5\ \Phi_{66}^5\ \Phi_{44}^5\ \Phi_{33}^5\ \Phi_{24}^2\ \Phi_{22}^5\ \Phi_{12}^2\ \Phi_{11}^5\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
75303	1235	846	$\frac{2}{47}$	$\frac{1}{6}$	$\frac{9}{47}$	$\frac{5}{18}$	$\Phi_{846}^2\ \Phi_{423}^2\ \Phi_{47}^2\ \Phi_{18}^3\ \Phi_9^3\ \Phi_1^3$
75304	1235	180	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^2\ \Phi_{45}^{10}\ \Phi_{36}^{10}\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{18}^5\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9^5\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
75305	1235	756	$\frac{1}{14}$	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{108}\ \Phi_{84}^2\ \Phi_{54}\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
75306	1235	408	$\frac{3}{68}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{408}^4\ \Phi_{204}^2\ \Phi_{136}^4\ \Phi_{102}^2\ \Phi_{68}^3\ \Phi_{51}^2\ \Phi_{34}^3\ \Phi_{24}\ \Phi_{17}^3\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
75307	1235	752	$\frac{2}{47}$	$\frac{3}{16}$	$\frac{9}{47}$	$\frac{1}{4}$	$\Phi_{752}^2\ \Phi_{376}^2\ \Phi_{47}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_1^3$
75308	1235	240	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{80}^4\ \Phi_{60}^2\ \Phi_{48}^6\ \Phi_{40}^4\ \Phi_{30}^2\ \Phi_{24}^6\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
75309	1235	960	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{73}{320}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}\ \Phi_{192}^2\ \Phi_{160}\ \Phi_{96}^2\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
75310	1235	48	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{5}{24}$	$\Phi_{48}^{24}\ \Phi_{24}^{25}\ \Phi_{16}^{28}\ \Phi_{12}^{25}\ \Phi_8^{29}\ \Phi_6^{24}\ \Phi_4^{29}\ \Phi_3^{24}\ \Phi_2^{28}\ \Phi_1^{29}$
75311	1235	168	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{168}^{10}\ \Phi_{84}^{10}\ \Phi_{56}^{10}\ \Phi_{42}^2\ \Phi_{28}^{10}\ \Phi_{24}^5\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^5\ \Phi_8^5\ \Phi_7\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
75312	1235	72	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{72}^{19}\ \Phi_{36}^{19}\ \Phi_{24}^{14}\ \Phi_{18}^{19}\ \Phi_{12}^{14}\ \Phi_9^{19}\ \Phi_8^{13}\ \Phi_6^{13}\ \Phi_4^{13}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
75313	1235	295	$\frac{4}{59}$	$\frac{48}{295}$	$\frac{11}{59}$	$\frac{1}{5}$	$\Phi_{295}^4\ \Phi_{59}^5\ \Phi_5^3\ \Phi_1^5$
75314	1235	840	$\frac{33}{280}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{40}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
75315	1235	288	$\frac{1}{8}$	$\frac{41}{288}$	$\frac{7}{48}$	$\frac{1}{6}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^5\ \Phi_{72}^5\ \Phi_{36}^5\ \Phi_{32}^5\ \Phi_{24}^2\ \Phi_{18}^5\ \Phi_{12}^2\ \Phi_9^5\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
75316	1236	1848	$\frac{1}{308}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{307}{616}$	$\Phi_{1848}\ \Phi_{616}^2\ \Phi_{264}\ \Phi_{168}\ \Phi_{88}^2\ \Phi_{56}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
75317	1236	494	$\frac{1}{247}$	$\frac{62}{247}$	$\frac{185}{494}$	$\frac{123}{247}$	$\Phi_{494}^4\ \Phi_{247}\ \Phi_{38}^4\ \Phi_{26}^4\ \Phi_{19}\ \Phi_{13}\ \Phi_2^4\ \Phi_1^2$
75318	1236	205	$\frac{1}{205}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{102}{205}$	$\Phi_{205}^6\ \Phi_{41}^6\ \Phi_5^7\ \Phi_1^8$
75319	1236	2460	$\frac{1}{205}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{102}{205}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{492}\ \Phi_{246}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
75320	1236	1235	$\frac{7}{1235}$	$\frac{207}{1235}$	$\frac{514}{1235}$	$\frac{614}{1235}$	$\Phi_{1235}\ \Phi_{247}\ \Phi_{95}\ \Phi_{65}\ \Phi_{19}\ \Phi_{13}\ \Phi_5\ \Phi_1^2$
75321	1236	1652	$\frac{3}{413}$	$\frac{1}{4}$	$\frac{104}{413}$	$\frac{205}{413}$	$\Phi_{1652}\ \Phi_{826}\ \Phi_{236}\ \Phi_{118}\ \Phi_{28}\ \Phi_{14}$
75322	1236	1235	$\frac{9}{1235}$	$\frac{308}{1235}$	$\frac{311}{1235}$	$\frac{613}{1235}$	$\Phi_{1235}\ \Phi_{247}\ \Phi_{95}\ \Phi_{65}\ \Phi_{19}\ \Phi_{13}\ \Phi_5\ \Phi_1^2$
75323	1236	1857	$\frac{5}{619}$	$\frac{104}{619}$	$\frac{1}{3}$	$\frac{307}{619}$	Φ_{1857}
75324	1236	2244	$\frac{1}{102}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{101}{204}$	$\Phi_{2244}\ \Phi_{748}\ \Phi_{204}^2\ \Phi_{132}\ \Phi_{68}^2\ \Phi_{44}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
75325	1236	1428	$\frac{1}{102}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{101}{204}$	$\Phi_{1428}^2\ \Phi_{476}^2\ \Phi_{84}^2\ \Phi_{28}^2\ \Phi_{21}$
75326	1236	2244	$\frac{1}{102}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{101}{204}$	$\Phi_{2244}\ \Phi_{748}\ \Phi_{204}^2\ \Phi_{132}\ \Phi_{68}^2\ \Phi_{44}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
75327	1236	1020	$\frac{1}{102}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{101}{204}$	$\Phi_{1020}\ \Phi_{510}^2\ \Phi_{340}\ \Phi_{255}^2\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{60}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
75328	1236	190	$\frac{1}{95}$	$\frac{8}{95}$	$\frac{87}{190}$	$\frac{47}{95}$	$\Phi_{190}^{12}\ \Phi_{95}\ \Phi_{38}^{12}\ \Phi_{19}\ \Phi_{10}^{12}\ \Phi_5\ \Phi_2^{12}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
75329	1236	285	$\frac{1}{95}$	$\frac{16}{95}$	$\frac{79}{285}$	$\frac{47}{95}$	$\Phi_{285}^{6}\ \Phi_{95}\ \Phi_{57}^{6}\ \Phi_{19}\ \Phi_{15}^{6}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
75330	1236	380	$\frac{1}{95}$	$\frac{71}{380}$	$\frac{24}{95}$	$\frac{47}{95}$	$\Phi_{380}^{4}\ \Phi_{190}^{4}\ \Phi_{95}\ \Phi_{76}^{4}\ \Phi_{38}^{4}\ \Phi_{20}^{4}\ \Phi_{19}\ \Phi_{10}^{4}\ \Phi_{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
75331	1236	611	$\frac{7}{611}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{302}{611}$	$\Phi_{611}^{2}\ \Phi_{47}^{2}\ \Phi_{13}^{3}\ \Phi_{1}^{4}$
75332	1236	610	$\frac{4}{305}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{301}{610}$	$\Phi_{610}^{4}\ \Phi_{122}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
75333	1236	966	$\frac{1}{69}$	$\frac{1}{7}$	$\frac{35}{138}$	$\frac{34}{69}$	$\Phi_{966}^{2}\ \Phi_{483}\ \Phi_{322}^{2}\ \Phi_{161}\ \Phi_{42}^{2}\ \Phi_{21}\ \Phi_{14}^{2}$
75334	1236	812	$\frac{3}{203}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{100}{203}$	$\Phi_{812}^{2}\ \Phi_{406}^{2}\ \Phi_{116}^{2}\ \Phi_{58}^{2}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
75335	1236	195	$\frac{1}{65}$	$\frac{11}{195}$	$\frac{92}{195}$	$\frac{32}{65}$	$\Phi_{195}^{6}\ \Phi_{65}^{7}\ \Phi_{39}^{6}\ \Phi_{15}^{6}\ \Phi_{13}^{7}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
75336	1236	130	$\frac{1}{65}$	$\frac{11}{65}$	$\frac{27}{130}$	$\frac{32}{65}$	$\Phi_{130}^{12}\ \Phi_{65}^{7}\ \Phi_{26}^{12}\ \Phi_{13}^{7}\ \Phi_{10}^{12}\ \Phi_{5}^{7}\ \Phi_{2}^{12}\ \Phi_{1}^{8}$
75337	1236	620	$\frac{1}{62}$	$\frac{21}{124}$	$\frac{1}{5}$	$\frac{61}{124}$	$\Phi_{620}^{2}\ \Phi_{310}^{3}\ \Phi_{155}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
75338	1236	608	$\frac{5}{304}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{299}{608}$	$\Phi_{608}^{4}\ \Phi_{32}^{4}\ \Phi_{19}\ \Phi_{1}^{2}$
75339	1236	608	$\frac{5}{304}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{299}{608}$	$\Phi_{608}^{4}\ \Phi_{32}^{4}\ \Phi_{19}\ \Phi_{1}^{2}$
75340	1236	236	$\frac{1}{59}$	$\frac{15}{118}$	$\frac{1}{4}$	$\frac{29}{59}$	$\Phi_{236}^{7}\ \Phi_{118}^{3}\ \Phi_{59}^{4}\ \Phi_{4}^{6}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
75341	1236	247	$\frac{5}{247}$	$\frac{41}{247}$	$\frac{42}{247}$	$\frac{121}{247}$	$\Phi_{247}^{5}\ \Phi_{19}^{5}\ \Phi_{13}^{5}\ \Phi_{1}^{6}$
75342	1236	403	$\frac{9}{403}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{197}{403}$	$\Phi_{403}^{3}\ \Phi_{31}^{3}\ \Phi_{13}^{5}\ \Phi_{1}^{6}$
75343	1236	416	$\frac{3}{104}$	$\frac{1}{13}$	$\frac{107}{416}$	$\frac{101}{208}$	$\Phi_{416}^{4}\ \Phi_{104}^{4}\ \Phi_{52}^{4}\ \Phi_{32}^{4}\ \Phi_{26}^{4}\ \Phi_{13}^{3}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
75344	1236	2600	$\frac{3}{100}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{97}{200}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
75345	1236	200	$\frac{3}{100}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{97}{200}$	$\Phi_{200}^{12}\ \Phi_{40}^{12}\ \Phi_{10}^{4}\ \Phi_{8}^{12}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
75346	1236	399	$\frac{13}{399}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{193}{399}$	$\Phi_{399}^{3}\ \Phi_{133}^{3}\ \Phi_{57}^{3}\ \Phi_{21}^{3}\ \Phi_{19}^{5}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
75347	1236	598	$\frac{10}{299}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{289}{598}$	$\Phi_{598}^{4}\ \Phi_{46}^{4}\ \Phi_{26}^{4}\ \Phi_{13}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
75348	1236	1386	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{95}{198}$	$\Phi_{1386}^{2}\ \Phi_{462}^{2}\ \Phi_{154}^{2}\ \Phi_{126}^{2}\ \Phi_{63}\ \Phi_{42}^{2}\ \Phi_{21}\ \Phi_{14}^{2}$
75349	1236	418	$\frac{9}{209}$	$\frac{1}{19}$	$\frac{109}{418}$	$\frac{100}{209}$	$\Phi_{418}^{4}\ \Phi_{209}^{2}\ \Phi_{38}^{4}\ \Phi_{22}^{4}\ \Phi_{19}\ \Phi_{11}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
75350	1236	805	$\frac{1}{23}$	$\frac{12}{115}$	$\frac{1}{7}$	$\frac{11}{23}$	$\Phi_{805}^{2}\ \Phi_{161}\ \Phi_{35}^{2}$
75351	1236	325	$\frac{3}{65}$	$\frac{16}{325}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{325}^{4}\ \Phi_{65}^{3}\ \Phi_{25}^{4}\ \Phi_{13}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
75352	1236	152	$\frac{5}{152}$	$\frac{1}{19}$	$\frac{49}{152}$	$\frac{9}{19}$	$\Phi_{152}^{8}\ \Phi_{76}^{8}\ \Phi_{38}^{8}\ \Phi_{19}^{9}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
75353	1236	323	$\frac{14}{323}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{323}^{4}\ \Phi_{19}\ \Phi_{17}^{4}\ \Phi_{1}^{2}$
75354	1236	380	$\frac{1}{19}$	$\frac{5}{76}$	$\frac{71}{380}$	$\frac{9}{19}$	$\Phi_{380}^{4}\ \Phi_{190}^{4}\ \Phi_{95}^{4}\ \Phi_{20}^{4}\ \Phi_{19}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{2}$
75355	1236	114	$\frac{1}{19}$	$\frac{11}{114}$	$\frac{5}{38}$	$\frac{9}{19}$	$\Phi_{114}^{12}\ \Phi_{57}^{12}\ \Phi_{38}^{8}\ \Phi_{19}^{9}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
75356	1236	195	$\frac{2}{65}$	$\frac{11}{195}$	$\frac{21}{65}$	$\frac{92}{195}$	$\Phi_{195}^{6}\ \Phi_{65}^{7}\ \Phi_{39}^{6}\ \Phi_{15}^{6}\ \Phi_{13}^{7}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
75357	1236	195	$\frac{11}{195}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{92}{195}$	$\Phi_{195}^{6}\ \Phi_{65}^{6}\ \Phi_{39}^{6}\ \Phi_{15}^{6}\ \Phi_{13}^{11}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
75358	1236	2496	$\frac{7}{96}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{89}{192}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
75359	1236	572	$\frac{1}{13}$	$\frac{23}{286}$	$\frac{3}{26}$	$\frac{263}{572}$	$\Phi_{572}^{4}\ \Phi_{52}^{4}\ \Phi_{44}^{4}\ \Phi_{26}^{4}\ \Phi_{13}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
75360	1236	190	$\frac{3}{95}$	$\frac{8}{95}$	$\frac{23}{95}$	$\frac{87}{190}$	$\Phi_{190}^{12}\ \Phi_{95}\ \Phi_{38}^{12}\ \Phi_{19}\ \Phi_{10}^{12}\ \Phi_{5}\ \Phi_{2}^{12}\ \Phi_{1}^{2}$
75361	1236	190	$\frac{1}{19}$	$\frac{8}{95}$	$\frac{3}{19}$	$\frac{87}{190}$	$\Phi_{190}^{12}\ \Phi_{38}^{12}\ \Phi_{19}^{5}\ \Phi_{10}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{6}$
75362	1236	190	$\frac{7}{95}$	$\frac{8}{95}$	$\frac{11}{95}$	$\frac{87}{190}$	$\Phi_{190}^{12}\ \Phi_{95}\ \Phi_{38}^{12}\ \Phi_{19}\ \Phi_{10}^{12}\ \Phi_{5}\ \Phi_{2}^{12}\ \Phi_{1}^{2}$
75363	1236	1155	$\frac{2}{105}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}^{2}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
75364	1236	1683	$\frac{1}{51}$	$\frac{1}{11}$	$\frac{50}{153}$	$\frac{5}{11}$	$\Phi_{1683}\ \Phi_{153}^{2}\ \Phi_{99}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
75365	1236	1496	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{33}{136}$	$\frac{5}{11}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{136}^{2}\ \Phi_{88}\ \Phi_{68}^{2}\ \Phi_{44}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
75366	1236	1188	$\frac{5}{108}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}^{2}\ \Phi_{99}\ \Phi_{54}^{2}\ \Phi_{44}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
75367	1236	1309	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{16}{119}$	$\frac{5}{11}$	$\Phi_{1309}\ \Phi_{119}^2\ \Phi_{77}\ \Phi_{11}\ \Phi_7^2\ \Phi_1^2$
75368	1236	320	$\frac{11}{320}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{320}^4\ \Phi_{160}^4\ \Phi_{80}^4\ \Phi_{64}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
75369	1236	930	$\frac{1}{31}$	$\frac{10}{93}$	$\frac{1}{5}$	$\frac{83}{186}$	$\Phi_{930}^3\ \Phi_{310}^3\ \Phi_{155}\ \Phi_{30}^3\ \Phi_{10}^3$
75370	1236	756	$\frac{5}{108}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2$
75371	1236	1288	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{1}{7}$	$\frac{81}{184}$	$\Phi_{1288}^2\ \Phi_{161}\ \Phi_{56}^2$
75372	1236	1456	$\frac{1}{13}$	$\frac{9}{112}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{104}\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}$
75373	1236	182	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{79}{182}$	$\Phi_{182}^{12}\ \Phi_{26}^{12}\ \Phi_{14}^{12}\ \Phi_{13}^{11}\ \Phi_2^{12}\ \Phi_1^{12}$
75374	1236	1085	$\frac{4}{155}$	$\frac{151}{1085}$	$\frac{1}{5}$	$\frac{467}{1085}$	$\Phi_{1085}\ \Phi_{217}\ \Phi_{155}^2\ \Phi_{35}\ \Phi_{31}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
75375	1236	420	$\frac{2}{105}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{28}^3\ \Phi_{20}^4\ \Phi_{14}^3\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_4^2\ \Phi_2^2$
75376	1236	114	$\frac{1}{19}$	$\frac{11}{114}$	$\frac{3}{19}$	$\frac{8}{19}$	$\Phi_{114}^{12}\ \Phi_{57}^{12}\ \Phi_{38}^{12}\ \Phi_{19}^5\ \Phi_6^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^6$
75377	1236	708	$\frac{1}{59}$	$\frac{29}{177}$	$\frac{1}{4}$	$\frac{74}{177}$	$\Phi_{708}^2\ \Phi_{354}^2\ \Phi_{236}^3\ \Phi_{118}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
75378	1236	1045	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{191}{1045}$	$\frac{427}{1045}$	$\Phi_{1045}\ \Phi_{209}^2\ \Phi_{95}\ \Phi_{55}\ \Phi_{19}\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
75379	1236	520	$\frac{1}{65}$	$\frac{49}{260}$	$\frac{16}{65}$	$\frac{211}{520}$	$\Phi_{520}^4\ \Phi_{104}^4\ \Phi_{65}^3\ \Phi_{40}^4\ \Phi_{13}^3\ \Phi_8^4\ \Phi_5^3\ \Phi_1^4$
75380	1236	520	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{49}{260}$	$\frac{211}{520}$	$\Phi_{520}^4\ \Phi_{104}^4\ \Phi_{52}^4\ \Phi_{40}^4\ \Phi_{26}^4\ \Phi_{13}^3\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
75381	1236	1560	$\frac{1}{104}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}^2\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{120}\ \Phi_{78}^2\ \Phi_{60}\ \Phi_{39}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
75382	1236	410	$\frac{3}{205}$	$\frac{1}{5}$	$\frac{101}{410}$	$\frac{2}{5}$	$\Phi_{410}^4\ \Phi_{205}^2\ \Phi_{82}^4\ \Phi_{41}^2\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
75383	1236	105	$\frac{2}{105}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{105}^{12}\ \Phi_{35}^{12}\ \Phi_{21}^{12}\ \Phi_{15}^{12}\ \Phi_7^{12}\ \Phi_5^7\ \Phi_3^{12}\ \Phi_1^8$
75384	1236	615	$\frac{1}{41}$	$\frac{20}{123}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{615}^2\ \Phi_{205}\ \Phi_{123}^4\ \Phi_{41}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
75385	1236	104	$\frac{1}{104}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{104}^{12}\ \Phi_{52}^{12}\ \Phi_{26}^{12}\ \Phi_{13}^{11}\ \Phi_8^{12}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
75386	1236	2480	$\frac{1}{62}$	$\frac{1}{5}$	$\frac{61}{248}$	$\frac{187}{496}$	$\Phi_{2480}\ \Phi_{310}\ \Phi_{155}\ \Phi_{80}\ \Phi_{10}$
75387	1236	130	$\frac{1}{65}$	$\frac{27}{130}$	$\frac{16}{65}$	$\frac{49}{130}$	$\Phi_{130}^8\ \Phi_{65}^{11}\ \Phi_{26}^8\ \Phi_{13}^{11}\ \Phi_{10}^8\ \Phi_5^{11}\ \Phi_2^8\ \Phi_1^{12}$
75388	1236	494	$\frac{3}{247}$	$\frac{61}{247}$	$\frac{62}{247}$	$\frac{185}{494}$	$\Phi_{494}^4\ \Phi_{247}\ \Phi_{38}^4\ \Phi_{26}^4\ \Phi_{19}\ \Phi_{13}\ \Phi_2^4\ \Phi_1^2$
75389	1236	209	$\frac{3}{209}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{209}^6\ \Phi_{19}^5\ \Phi_{11}^6\ \Phi_1^6$
75390	1236	325	$\frac{1}{65}$	$\frac{64}{325}$	$\frac{87}{325}$	$\frac{119}{325}$	$\Phi_{325}^4\ \Phi_{65}^3\ \Phi_{25}^4\ \Phi_{13}^3\ \Phi_5^3\ \Phi_1^4$
75391	1236	156	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{25}{78}$	$\frac{53}{156}$	$\Phi_{156}^{12}\ \Phi_{52}^{12}\ \Phi_{26}^{12}\ \Phi_{13}^{11}\ \Phi_{12}^{12}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
75392	1236	247	$\frac{4}{247}$	$\frac{41}{247}$	$\frac{81}{247}$	$\frac{83}{247}$	$\Phi_{247}^5\ \Phi_{19}^5\ \Phi_{13}^5\ \Phi_1^6$
75393	1236	155	$\frac{2}{155}$	$\frac{1}{5}$	$\frac{51}{155}$	$\frac{52}{155}$	$\Phi_{155}^8\ \Phi_{31}^8\ \Phi_5^7\ \Phi_1^8$
75394	1236	1235	$\frac{8}{1235}$	$\frac{409}{1235}$	$\frac{411}{1235}$	$\frac{413}{1235}$	$\Phi_{1235}\ \Phi_{247}\ \Phi_{95}\ \Phi_{65}\ \Phi_{19}\ \Phi_{13}\ \Phi_5\ \Phi_1^2$
75395	1236	1857	$\frac{4}{619}$	$\frac{205}{619}$	$\frac{1}{3}$	$\frac{207}{619}$	Φ_{1857}
75396	1236	462	$\frac{1}{154}$	$\frac{51}{154}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{22}^4\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_{11}^4\ \Phi_7^4\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
75397	1236	312	$\frac{1}{104}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{104}^6\ \Phi_{78}^3\ \Phi_{52}^6\ \Phi_{39}^3\ \Phi_{26}^6\ \Phi_{24}^3\ \Phi_{13}^6\ \Phi_{12}^2\ \Phi_8^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
75398	1236	1155	$\frac{1}{77}$	$\frac{76}{385}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}^2\ \Phi_{165}\ \Phi_{105}\ \Phi_{55}^2\ \Phi_{35}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
75399	1236	105	$\frac{2}{105}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^{12}\ \Phi_{35}^{12}\ \Phi_{21}^{11}\ \Phi_{15}^{12}\ \Phi_7^{10}\ \Phi_5^{12}\ \Phi_3^{12}\ \Phi_1^{12}$
75400	1236	1056	$\frac{1}{44}$	$\frac{43}{352}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}^2\ \Phi_{264}\ \Phi_{176}^2\ \Phi_{96}\ \Phi_{88}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
75401	1236	957	$\frac{10}{319}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{957}\ \Phi_{319}^2\ \Phi_{87}\ \Phi_{29}^2\ \Phi_3\ \Phi_1^2$
75402	1236	336	$\frac{1}{28}$	$\frac{9}{112}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^6\ \Phi_{84}^2\ \Phi_{56}^6\ \Phi_{48}^3\ \Phi_{42}^2\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{16}^6\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_8^6\ \Phi_7^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
75403	1236	966	$\frac{13}{322}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_3\ \Phi_1^2$
75404	1236	330	$\frac{1}{22}$	$\frac{7}{110}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{330}^3\ \Phi_{165}^3\ \Phi_{110}^6\ \Phi_{66}^2\ \Phi_{55}^6\ \Phi_{33}^2\ \Phi_{30}^3\ \Phi_{22}^4\ \Phi_{15}^3\ \Phi_{11}^4\ \Phi_{10}^6\ \Phi_6^2\ \Phi_5^6\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
75405	1236	1071	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{50}{153}$	$\frac{1}{3}$	$\Phi_{1071}^2\ \Phi_{63}^2\ \Phi_{21}$
75406	1236	1155	$\frac{2}{105}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}^2\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_5^2\ \Phi_1^2$
75407	1236	420	$\frac{2}{105}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^3\ \Phi_{42}^4\ \Phi_{30}^3\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
75408	1236	492	$\frac{1}{41}$	$\frac{20}{123}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{492}^3\ \Phi_{246}^3\ \Phi_{164}^4\ \Phi_{82}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
75409	1236	2856	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{33}{136}$	$\frac{1}{3}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{168}\ \Phi_{84}\ \Phi_{21}$
75410	1236	1785	$\frac{2}{51}$	$\frac{1}{7}$	$\frac{49}{255}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
75411	1236	756	$\frac{5}{108}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{28}^2\ \Phi_{21}$
75412	1236	357	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{357}^5\ \Phi_{51}^6\ \Phi_{21}^6\ \Phi_3^6$
75413	1236	2124	$\frac{1}{59}$	$\frac{119}{531}$	$\frac{1}{4}$	$\frac{58}{177}$	$\Phi_{2124}\ \Phi_{1062}\ \Phi_{236}\ \Phi_{118}\ \Phi_{36}\ \Phi_{18}$
75414	1236	1683	$\frac{1}{51}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{50}{153}$	$\Phi_{1683}\ \Phi_{153}^2\ \Phi_{99}\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
75415	1236	3060	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{50}{153}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{180}\ \Phi_{90}\ \Phi_{20}\ \Phi_{10}$
75416	1236	2436	$\frac{6}{203}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{197}{609}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{348}\ \Phi_{174}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
75417	1236	130	$\frac{2}{65}$	$\frac{11}{65}$	$\frac{27}{130}$	$\frac{21}{65}$	$\Phi_{130}^{12}\ \Phi_{65}^7\ \Phi_{26}^{12}\ \Phi_{13}^7\ \Phi_{10}^{12}\ \Phi_5^7\ \Phi_2^{12}\ \Phi_1^8$
75418	1236	620	$\frac{1}{31}$	$\frac{21}{124}$	$\frac{1}{5}$	$\frac{10}{31}$	$\Phi_{620}^3\ \Phi_{310}^3\ \Phi_{155}\ \Phi_{20}^3\ \Phi_{10}^3$
75419	1236	152	$\frac{5}{152}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{49}{152}$	$\Phi_{152}^8\ \Phi_{76}^8\ \Phi_{38}^8\ \Phi_{19}^9\ \Phi_8^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{10}$
75420	1236	114	$\frac{1}{19}$	$\frac{11}{114}$	$\frac{13}{57}$	$\frac{6}{19}$	$\Phi_{114}^{12}\ \Phi_{57}^9\ \Phi_{38}^{12}\ \Phi_{19}^{11}\ \Phi_6^{12}\ \Phi_3^9\ \Phi_2^{12}\ \Phi_1^{12}$
75421	1236	133	$\frac{1}{19}$	$\frac{13}{133}$	$\frac{30}{133}$	$\frac{6}{19}$	$\Phi_{133}^9\ \Phi_{19}^{11}\ \Phi_7^9\ \Phi_1^{12}$
75422	1236	150	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{47}{150}$	$\Phi_{150}^{12}\ \Phi_{75}^{12}\ \Phi_{30}^{12}\ \Phi_{15}^{12}\ \Phi_{10}^4\ \Phi_6^{12}\ \Phi_5^3\ \Phi_3^{12}\ \Phi_2^4\ \Phi_1^4$
75423	1236	2079	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{91}{297}$	$\Phi_{2079}\ \Phi_{189}\ \Phi_{63}\ \Phi_{21}$
75424	1236	110	$\frac{7}{110}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{110}^{12}\ \Phi_{55}^{12}\ \Phi_{22}^{12}\ \Phi_{11}^{12}\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
75425	1236	1560	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{7}{24}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
75426	1236	1872	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{144}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{117}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
75427	1236	117	$\frac{1}{13}$	$\frac{14}{117}$	$\frac{2}{13}$	$\frac{11}{39}$	$\Phi_{117}^{12}\ \Phi_{39}^6\ \Phi_{13}^{11}\ \Phi_9^{12}\ \Phi_3^6\ \Phi_1^{12}$
75428	1236	285	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{16}{95}$	$\frac{79}{285}$	$\Phi_{285}^6\ \Phi_{57}^6\ \Phi_{19}^5\ \Phi_{15}^6\ \Phi_3^6\ \Phi_1^6$
75429	1236	1496	$\frac{1}{34}$	$\frac{2}{11}$	$\frac{33}{136}$	$\frac{3}{11}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{136}^2\ \Phi_{88}\ \Phi_{68}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
75430	1236	1188	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}^2\ \Phi_{99}\ \Phi_{54}^2\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_4^2\ \Phi_1^2$
75431	1236	1309	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1309}\ \Phi_{119}^2\ \Phi_{77}\ \Phi_{11}\ \Phi_7^2\ \Phi_1^2$
75432	1236	323	$\frac{14}{323}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{323}^4\ \Phi_{19}\ \Phi_{17}^4\ \Phi_1^2$
75433	1236	966	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{11}{46}$	$\frac{35}{138}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{161}\ \Phi_{42}^2\ \Phi_{21}^2$
75434	1236	680	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{33}{136}$	$\frac{1}{4}$	$\Phi_{680}^3\ \Phi_{340}\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{40}^3\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
75435	1236	540	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{90}^3\ \Phi_{60}\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
75436	1236	2380	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{140}\ \Phi_{70}\ \Phi_{20}\ \Phi_{10}$
75437	1236	1560	$\frac{1}{13}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
75438	1236	400	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{91}{400}$	$\Phi_{400}^4\ \Phi_{200}^4\ \Phi_{80}^4\ \Phi_{40}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
75439	1236	1664	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{25}{128}$	$\frac{7}{32}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
75440	1236	380	$\frac{5}{76}$	$\frac{3}{19}$	$\frac{71}{380}$	$\frac{4}{19}$	$\Phi_{380}^4\ \Phi_{190}^4\ \Phi_{95}^4\ \Phi_{20}^4\ \Phi_{19}\ \Phi_{10}^4\ \Phi_5^4\ \Phi_1^2$
75441	1236	114	$\frac{11}{114}$	$\frac{5}{38}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{114}^{12}\ \Phi_{57}^{12}\ \Phi_{38}^8\ \Phi_{19}^9\ \Phi_6^{12}\ \Phi_3^{12}\ \Phi_2^8\ \Phi_1^{10}$
75442	1236	130	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{65}$	$\frac{27}{130}$	$\Phi_{130}^{12}\ \Phi_{65}^6\ \Phi_{26}^{12}\ \Phi_{13}^{11}\ \Phi_{10}^{12}\ \Phi_5^6\ \Phi_2^{12}\ \Phi_1^{12}$
75443	1236	350	$\frac{1}{10}$	$\frac{41}{350}$	$\frac{9}{50}$	$\frac{1}{5}$	$\Phi_{350}^4\ \Phi_{175}^4\ \Phi_{70}^4\ \Phi_{35}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
75444	1236	120	$\frac{1}{10}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{5}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^{12}\ \Phi_{30}^{12}\ \Phi_{24}^{12}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_{10}^4\ \Phi_8^{12}\ \Phi_6^{12}\ \Phi_5^3\ \Phi_3^{12}\ \Phi_2^4\ \Phi_1^4$
75445	1237	2464	$\frac{5}{1232}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1227}{2464}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{224}\ \Phi_{32}\ \Phi_8\ \Phi_1$
75446	1237	2448	$\frac{13}{1224}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1211}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{144}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
75447	1237	2448	$\frac{13}{1224}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1211}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{144}\ \Phi_{48}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
75448	1237	1416	$\frac{2}{177}$	$\frac{179}{1416}$	$\frac{1}{3}$	$\frac{175}{354}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{472}\ \Phi_{236}\ \Phi_{177}\ \Phi_{59}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
75449	1237	1656	$\frac{5}{414}$	$\frac{1}{6}$	$\frac{419}{1656}$	$\frac{409}{828}$	$\Phi_{1656}\ \Phi_{552}\ \Phi_{414}\ \Phi_{207}\ \Phi_{184}\ \Phi_{138}\ \Phi_{72}\ \Phi_{69}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
75450	1237	1488	$\frac{3}{248}$	$\frac{251}{1488}$	$\frac{1}{4}$	$\frac{245}{496}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{372}\ \Phi_{248}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{48}\ \Phi_{31}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
75451	1237	2440	$\frac{17}{1220}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1203}{2440}$	$\Phi_{2440}\ \Phi_{488}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
75452	1237	2436	$\frac{19}{1218}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1199}{2436}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{348}\ \Phi_{116}\ \Phi_{84}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
75453	1237	2400	$\frac{37}{1200}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1163}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
75454	1237	2400	$\frac{37}{1200}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1163}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
75455	1237	1380	$\frac{5}{138}$	$\frac{143}{1380}$	$\frac{1}{6}$	$\frac{133}{276}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{230}\ \Phi_{138}\ \Phi_{115}\ \Phi_{69}\ \Phi_{60}\ \Phi_{46}\ \Phi_{30}\ \Phi_{23}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
75456	1237	2376	$\frac{49}{1188}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1139}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{88}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
75457	1237	2304	$\frac{85}{1152}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1067}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
75458	1237	1280	$\frac{43}{1280}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{128}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
75459	1237	1632	$\frac{13}{408}$	$\frac{1}{12}$	$\frac{395}{1632}$	$\frac{11}{24}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{272}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
75460	1237	1296	$\frac{59}{1296}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
75461	1237	1296	$\frac{59}{1296}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
75462	1237	1260	$\frac{23}{1260}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
75463	1237	2232	$\frac{3}{124}$	$\frac{121}{1116}$	$\frac{1}{4}$	$\frac{995}{2232}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{248}\ \Phi_{124}\ \Phi_{72}\ \Phi_{62}\ \Phi_{31}\ \Phi_{24}\ \Phi_8\ \Phi_1$
75464	1237	1344	$\frac{107}{1344}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{85}{192}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
75465	1237	2208	$\frac{5}{138}$	$\frac{133}{1104}$	$\frac{1}{6}$	$\frac{971}{2208}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{138}\ \Phi_{96}\ \Phi_{69}\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_1$
75466	1237	2184	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{145}{1092}$	$\frac{947}{2184}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{168}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{56}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_8\ \Phi_1$
75467	1237	2124	$\frac{2}{177}$	$\frac{175}{1062}$	$\frac{1}{3}$	$\frac{887}{2124}$	$\Phi_{2124}\ \Phi_{708}\ \Phi_{236}\ \Phi_{177}\ \Phi_{59}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
75468	1237	1984	$\frac{3}{248}$	$\frac{245}{992}$	$\frac{1}{4}$	$\frac{747}{1984}$	$\Phi_{1984}\ \Phi_{248}\ \Phi_{124}\ \Phi_{64}\ \Phi_{62}\ \Phi_{31}\ \Phi_8\ \Phi_1$
75469	1237	1848	$\frac{5}{616}$	$\frac{1}{4}$	$\frac{611}{1848}$	$\frac{3}{8}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
75470	1237	1248	$\frac{11}{1248}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{32}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
75471	1237	1408	$\frac{5}{176}$	$\frac{171}{1408}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_1$
75472	1237	1288	$\frac{51}{1288}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{322}\ \Phi_{184}\ \Phi_{161}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_8\ \Phi_1$
75473	1237	1344	$\frac{5}{112}$	$\frac{107}{1344}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
75474	1237	1320	$\frac{5}{88}$	$\frac{83}{1320}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
75475	1237	1260	$\frac{23}{1260}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
75476	1237	1872	$\frac{11}{312}$	$\frac{1}{12}$	$\frac{301}{936}$	$\frac{635}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
75477	1237	1593	$\frac{2}{177}$	$\frac{356}{1593}$	$\frac{175}{531}$	$\frac{1}{3}$	$\Phi_{1593}\ \Phi_{177}\ \Phi_{59}\ \Phi_{27}\ \Phi_{1}$
75478	1237	1827	$\frac{19}{609}$	$\frac{2}{21}$	$\frac{590}{1827}$	$\frac{1}{3}$	$\Phi_{1827}\ \Phi_{261}\ \Phi_{63}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
75479	1237	1836	$\frac{13}{612}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{599}{1836}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{459}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
75480	1237	1488	$\frac{3}{124}$	$\frac{251}{1488}$	$\frac{1}{4}$	$\frac{121}{372}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{48}\ \Phi_{31}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
75481	1237	1800	$\frac{37}{600}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{563}{1800}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
75482	1237	1320	$\frac{83}{1320}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
75483	1237	1782	$\frac{49}{594}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{545}{1782}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
75484	1237	1440	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{203}{1440}$	$\frac{85}{288}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
75485	1237	1728	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{85}{576}$	$\frac{491}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
75486	1237	1530	$\frac{13}{306}$	$\frac{1}{6}$	$\frac{293}{1530}$	$\frac{5}{18}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{90}\ \Phi_{85}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
75487	1237	1296	$\frac{59}{1296}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
75488	1237	1656	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{133}{552}$	$\frac{419}{1656}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{414}\ \Phi_{207}\ \Phi_{138}\ \Phi_{72}\ \Phi_{69}\ \Phi_{46}\ \Phi_{36}\ \Phi_{23}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
75489	1237	1600	$\frac{3}{40}$	$\frac{37}{400}$	$\frac{363}{1600}$	$\frac{1}{4}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{320}\ \Phi_{160}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
75490	1237	1400	$\frac{3}{40}$	$\frac{163}{1400}$	$\frac{37}{200}$	$\frac{1}{4}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{175}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
75491	1237	1440	$\frac{3}{40}$	$\frac{203}{1440}$	$\frac{37}{240}$	$\frac{1}{4}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
75492	1237	1440	$\frac{1}{12}$	$\frac{203}{1440}$	$\frac{37}{240}$	$\frac{11}{48}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
75493	1237	1536	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{299}{1536}$	$\frac{85}{384}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
75494	1238	3696	$\frac{3}{616}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{613}{1232}$	$\Phi_{3696}\ \Phi_{528}\ \Phi_{336}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
75495	1238	1230	$\frac{4}{615}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{611}{1230}$	$\Phi_{1230}^2\ \Phi_{410}^2\ \Phi_{246}^2\ \Phi_{82}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{2}^2$
75496	1238	744	$\frac{1}{124}$	$\frac{125}{744}$	$\frac{1}{3}$	$\frac{123}{248}$	$\Phi_{744}\ \Phi_{372}^2\ \Phi_{248}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{24}\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
75497	1238	3660	$\frac{9}{610}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{601}{1220}$	$\Phi_{3660}\ \Phi_{732}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
75498	1238	1200	$\frac{19}{600}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{581}{1200}$	$\Phi_{1200}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{30}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
75499	1238	1920	$\frac{21}{640}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
75500	1238	3534	$\frac{1}{31}$	$\frac{30}{589}$	$\frac{1}{3}$	$\frac{559}{1178}$	$\Phi_{3534}\ \Phi_{186}\ \Phi_{114}\ \Phi_{93}\ \Phi_{6}$
75501	1238	1116	$\frac{1}{62}$	$\frac{61}{558}$	$\frac{1}{3}$	$\frac{497}{1116}$	$\Phi_{1116}^2\ \Phi_{372}^2\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{93}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}^2$
75502	1238	2976	$\frac{1}{124}$	$\frac{123}{496}$	$\frac{1}{3}$	$\frac{373}{992}$	$\Phi_{2976}\ \Phi_{372}\ \Phi_{186}\ \Phi_{96}\ \Phi_{93}\ \Phi_{12}\ \Phi_{6}$
75503	1238	624	$\frac{5}{624}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{48}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
75504	1238	930	$\frac{1}{155}$	$\frac{154}{465}$	$\frac{1}{3}$	$\frac{311}{930}$	$\Phi_{930}^2\ \Phi_{465}\ \Phi_{310}^2\ \Phi_{186}^2\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{2}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
75505	1238	924	$\frac{3}{308}$	$\frac{1}{4}$	$\frac{305}{924}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
75506	1238	744	$\frac{1}{62}$	$\frac{125}{744}$	$\frac{61}{186}$	$\frac{1}{3}$	$\Phi_{744}^2\ \Phi_{372}^2\ \Phi_{248}^2\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{93}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2$
75507	1238	660	$\frac{1}{20}$	$\frac{41}{660}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}^2\ \Phi_6$
75508	1238	900	$\frac{1}{20}$	$\frac{19}{300}$	$\frac{281}{900}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
75509	1238	630	$\frac{11}{630}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_2^2$
75510	1238	2112	$\frac{3}{88}$	$\frac{85}{704}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
75511	1238	1932	$\frac{25}{644}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{483}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{12}\ \Phi_6$
75512	1238	672	$\frac{3}{56}$	$\frac{53}{672}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
75513	1238	660	$\frac{41}{660}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
75514	1238	2460	$\frac{4}{205}$	$\frac{1}{5}$	$\frac{201}{820}$	$\frac{1}{3}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{492}\ \Phi_{246}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
75515	1238	2400	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{181}{800}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{480}\ \Phi_{240}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
75516	1238	2100	$\frac{1}{20}$	$\frac{81}{700}$	$\frac{19}{100}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
75517	1238	720	$\frac{1}{20}$	$\frac{101}{720}$	$\frac{19}{120}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
75518	1239	1644	$\frac{2}{411}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{409}{822}$	$\Phi_{1644}\ \Phi_{548}\ \Phi_{411}\ \Phi_{137}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
75519	1239	1056	$\frac{1}{176}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{175}{352}$	$\Phi_{1056}^2\ \Phi_{352}^3\ \Phi_{96}^2\ \Phi_{32}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
75520	1239	3168	$\frac{1}{176}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{175}{352}$	$\Phi_{3168}\ \Phi_{352}\ \Phi_{288}\ \Phi_{32}\ \Phi_9\ \Phi_1$
75521	1239	552	$\frac{1}{138}$	$\frac{1}{4}$	$\frac{139}{552}$	$\frac{137}{276}$	$\Phi_{552}^3\ \Phi_{276}^2\ \Phi_{184}^3\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}\ \Phi_{24}^3\ \Phi_{23}\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
75522	1239	816	$\frac{5}{408}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{403}{816}$	$\Phi_{816}^3\ \Phi_{272}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
75523	1239	1160	$\frac{1}{58}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{57}{116}$	$\Phi_{1160}^2\ \Phi_{232}^2\ \Phi_{116}\ \Phi_{40}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
75524	1239	580	$\frac{1}{58}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{57}{116}$	$\Phi_{580}^4\ \Phi_{116}^5\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
75525	1239	232	$\frac{1}{58}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{57}{116}$	$\Phi_{232}^6\ \Phi_{116}^5\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_8^9\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
75526	1239	2900	$\frac{1}{58}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{57}{116}$	$\Phi_{2900}\ \Phi_{116}\ \Phi_{100}\ \Phi_{25}\ \Phi_4\ \Phi_1$
75527	1239	1620	$\frac{8}{405}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{397}{810}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
75528	1239	460	$\frac{1}{46}$	$\frac{47}{460}$	$\frac{1}{4}$	$\frac{45}{92}$	$\Phi_{460}^3\ \Phi_{230}^3\ \Phi_{115}^3\ \Phi_{92}^2\ \Phi_{46}\ \Phi_{23}\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
75529	1239	1254	$\frac{2}{57}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}\ \Phi_{209}\ \Phi_{66}^2\ \Phi_{57}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{19}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
75530	1239	792	$\frac{17}{396}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{379}{792}$	$\Phi_{792}^3\ \Phi_{264}^3\ \Phi_{88}^3\ \Phi_{72}^3\ \Phi_{36}^2\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
75531	1239	3480	$\frac{1}{29}$	$\frac{1}{20}$	$\frac{28}{87}$	$\frac{19}{40}$	$\Phi_{3480}\ \Phi_{696}\ \Phi_{120}\ \Phi_{87}\ \Phi_{40}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
75532	1239	880	$\frac{1}{22}$	$\frac{1}{20}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{880}^2\ \Phi_{220}^2\ \Phi_{176}^2\ \Phi_{110}^2\ \Phi_{80}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{20}\ \Phi_{16}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
75533	1239	1232	$\frac{1}{22}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{1232}^2\ \Phi_{176}^2\ \Phi_{112}\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_4\ \Phi_1$
75534	1239	432	$\frac{19}{432}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{48}^3\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_9\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
75535	1239	1564	$\frac{1}{23}$	$\frac{22}{391}$	$\frac{1}{4}$	$\frac{369}{782}$	$\Phi_{1564}\ \Phi_{391}\ \Phi_{92}^2\ \Phi_{68}\ \Phi_{46}\ \Phi_{23}\ \Phi_{17}\ \Phi_4\ \Phi_1$
75536	1239	110	$\frac{1}{22}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{110}^{11}\ \Phi_{55}^{12}\ \Phi_{22}^{10}\ \Phi_{11}^{11}\ \Phi_{10}^{11}\ \Phi_5^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
75537	1239	792	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{72}\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
75538	1239	1188	$\frac{1}{22}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{1188}^2\ \Phi_{396}^2\ \Phi_{132}^2\ \Phi_{108}\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
75539	1239	736	$\frac{1}{46}$	$\frac{45}{368}$	$\frac{1}{4}$	$\frac{323}{736}$	$\Phi_{736}^3\ \Phi_{92}^2\ \Phi_{46}\ \Phi_{32}^3\ \Phi_{23}\ \Phi_4\ \Phi_1$
75540	1239	264	$\frac{1}{88}$	$\frac{1}{6}$	$\frac{29}{88}$	$\frac{5}{12}$	$\Phi_{264}^4\ \Phi_{132}^4\ \Phi_{88}^6\ \Phi_{66}^4\ \Phi_{44}^6\ \Phi_{33}^4\ \Phi_{24}^4\ \Phi_{22}^6\ \Phi_{12}^5\ \Phi_{11}^6\ \Phi_8^6\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
75541	1239	60	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{60}^{21}\ \Phi_{30}^{21}\ \Phi_{20}^{21}\ \Phi_{15}^{21}\ \Phi_{12}^{20}\ \Phi_{10}^{21}\ \Phi_6^{19}\ \Phi_5^{21}\ \Phi_4^{19}\ \Phi_3^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
75542	1239	660	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{43}{220}$	$\frac{5}{12}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^3\ \Phi_{165}^2\ \Phi_{110}^3\ \Phi_{60}^2\ \Phi_{55}^3\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
75543	1239	552	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{184}^3\ \Phi_{138}^2\ \Phi_{92}^3\ \Phi_{69}^2\ \Phi_{46}^3\ \Phi_{23}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
75544	1239	132	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{132}^{16}\ \Phi_{66}^3\ \Phi_{44}^{16}\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{12}^{17}\ \Phi_{11}^2\ \Phi_6^3\ \Phi_4^{17}\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
75545	1239	2244	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2244}\ \Phi_{748}\ \Phi_{204}\ \Phi_{187}\ \Phi_{68}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
75546	1239	192	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{192}^6\ \Phi_{96}^6\ \Phi_{64}^9\ \Phi_{48}^4\ \Phi_{32}^9\ \Phi_{24}^4\ \Phi_{16}^6\ \Phi_{12}^5\ \Phi_8^6\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
75547	1239	1100	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{1100}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{100}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
75548	1239	1380	$\frac{1}{69}$	$\frac{68}{345}$	$\frac{1}{4}$	$\frac{277}{690}$	$\Phi_{1380}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}^2\ \Phi_{138}\ \Phi_{115}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{60}\ \Phi_{46}\ \Phi_{23}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
75549	1239	1056	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{1056}^2\ \Phi_{352}^2\ \Phi_{132}^2\ \Phi_{96}\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{32}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
75550	1239	704	$\frac{1}{22}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{704}^2\ \Phi_{352}^2\ \Phi_{176}^2\ \Phi_{64}\ \Phi_{44}^2\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_4\ \Phi_1$
75551	1239	990	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{990}\ \Phi_{495}\ \Phi_{330}^2\ \Phi_{198}\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
75552	1239	619	$\frac{4}{619}$	$\frac{205}{619}$	$\frac{206}{619}$	$\frac{207}{619}$	$\Phi_{619}^2\ \Phi_1^3$
75553	1239	792	$\frac{1}{88}$	$\frac{2}{9}$	$\frac{29}{88}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_9^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
75554	1239	180	$\frac{1}{60}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^9\ \Phi_{90}^9\ \Phi_{60}^3\ \Phi_{45}^9\ \Phi_{36}^8\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{18}^8\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^9\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
75555	1239	1980	$\frac{1}{44}$	$\frac{43}{220}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{220}\ \Phi_{180}\ \Phi_{110}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{20}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
75556	1239	1656	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{414}\ \Phi_{207}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_9\ \Phi_1$
75557	1239	198	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{198}^8\ \Phi_{99}^8\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}^8\ \Phi_{11}^2\ \Phi_9^9\ \Phi_6^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
75558	1239	1683	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1683}\ \Phi_{187}\ \Phi_{153}\ \Phi_{17}\ \Phi_9\ \Phi_1$
75559	1239	576	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{64}^3\ \Phi_{36}^2\ \Phi_{32}^3\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
75560	1239	612	$\frac{5}{204}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{199}{612}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{153}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
75561	1239	870	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{28}{87}$	$\Phi_{870}^2\ \Phi_{435}^2\ \Phi_{174}^2\ \Phi_{87}^3\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
75562	1239	696	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{28}{87}$	$\Phi_{696}^3\ \Phi_{348}^2\ \Phi_{174}^2\ \Phi_{87}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
75563	1239	2175	$\frac{1}{29}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{28}{87}$	$\Phi_{2175}\ \Phi_{87}\ \Phi_{75}\ \Phi_{25}\ \Phi_3\ \Phi_1$
75564	1239	1188	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{1}{4}$	$\frac{181}{594}$	$\Phi_{1188}^2\ \Phi_{594}\ \Phi_{297}\ \Phi_{108}^2\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
75565	1239	924	$\frac{1}{22}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{231}^2\ \Phi_{132}^2\ \Phi_{84}\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{21}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
75566	1239	432	$\frac{19}{432}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{108}^2\ \Phi_{72}^3\ \Phi_{54}^2\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
75567	1239	792	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{72}\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
75568	1239	552	$\frac{1}{46}$	$\frac{45}{184}$	$\frac{1}{4}$	$\frac{139}{552}$	$\Phi_{552}^3\ \Phi_{276}^3\ \Phi_{138}^3\ \Phi_{92}^2\ \Phi_{69}^3\ \Phi_{46}\ \Phi_{24}^3\ \Phi_{23}\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
75569	1239	540	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{127}{540}$	$\frac{1}{4}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^3\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{27}^3\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
75570	1239	432	$\frac{19}{432}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
75571	1239	1020	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{97}{510}$	$\frac{1}{4}$	$\Phi_{1020}^2\ \Phi_{510}\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{170}\ \Phi_{85}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
75572	1239	900	$\frac{37}{450}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{900}^2\ \Phi_{450}\ \Phi_{300}^2\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
75573	1239	972	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{486}$	$\frac{1}{4}$	$\Phi_{972}^2\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
75574	1240	309	$\frac{1}{309}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{154}{309}$	$\Phi_{309}^4\ \Phi_{103}^4\ \Phi_3^5\ \Phi_1^6$
75575	1240	1239	$\frac{5}{1239}$	$\frac{311}{1239}$	$\frac{464}{1239}$	$\frac{617}{1239}$	$\Phi_{1239}\ \Phi_{413}\ \Phi_{177}\ \Phi_{59}\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
75576	1240	1976	$\frac{1}{247}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{123}{247}$	$\Phi_{1976}\ \Phi_{247}\ \Phi_{152}\ \Phi_{104}\ \Phi_{19}\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
75577	1240	207	$\frac{1}{207}$	$\frac{52}{207}$	$\frac{1}{3}$	$\frac{103}{207}$	$\Phi_{207}^6\ \Phi_{69}^6\ \Phi_{23}^6\ \Phi_9^6\ \Phi_3^5\ \Phi_1^6$
75578	1240	531	$\frac{1}{177}$	$\frac{89}{531}$	$\frac{221}{531}$	$\frac{88}{177}$	$\Phi_{531}^2\ \Phi_{177}^3\ \Phi_{59}^3\ \Phi_9^2\ \Phi_3^3\ \Phi_1^4$
75579	1240	1233	$\frac{7}{1233}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{613}{1233}$	$\Phi_{1233}\ \Phi_{411}\ \Phi_{137}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
75580	1240	308	$\frac{1}{154}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{153}{308}$	$\Phi_{308}^8\ \Phi_{44}^8\ \Phi_{28}^8\ \Phi_7\ \Phi_4^8\ \Phi_1^2$
75581	1240	4620	$\frac{1}{154}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{153}{308}$	$\Phi_{4620}\ \Phi_{660}\ \Phi_{420}\ \Phi_{60}\ \Phi_{15}$
75582	1240	413	$\frac{3}{413}$	$\frac{103}{413}$	$\frac{104}{413}$	$\frac{205}{413}$	$\Phi_{413}^3\ \Phi_{59}^3\ \Phi_7^3\ \Phi_1^4$
75583	1240	369	$\frac{1}{123}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{61}{123}$	$\Phi_{369}^3\ \Phi_{123}^4\ \Phi_{41}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
75584	1240	246	$\frac{1}{123}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{61}{123}$	$\Phi_{246}^6\ \Phi_{123}^4\ \Phi_{82}^6\ \Phi_{41}^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
75585	1240	1239	$\frac{11}{1239}$	$\frac{125}{1239}$	$\frac{557}{1239}$	$\frac{614}{1239}$	$\Phi_{1239}\ \Phi_{413}\ \Phi_{177}\ \Phi_{59}\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
75586	1240	498	$\frac{1}{83}$	$\frac{1}{6}$	$\frac{21}{83}$	$\frac{41}{83}$	$\Phi_{498}^3\ \Phi_{249}^3\ \Phi_{166}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
75587	1240	245	$\frac{3}{245}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{121}{245}$	$\Phi_{245}^5\ \Phi_{49}^5\ \Phi_{35}^5\ \Phi_7^7\ \Phi_5^5\ \Phi_1^8$
75588	1240	306	$\frac{2}{153}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{151}{306}$	$\Phi_{306}^8\ \Phi_{102}^8\ \Phi_{34}^8\ \Phi_{18}^8\ \Phi_9^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
75589	1240	1239	$\frac{17}{1239}$	$\frac{185}{1239}$	$\frac{314}{1239}$	$\frac{611}{1239}$	$\Phi_{1239}\ \Phi_{413}\ \Phi_{177}\ \Phi_{59}\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
75590	1240	69	$\frac{1}{69}$	$\frac{7}{69}$	$\frac{1}{3}$	$\frac{34}{69}$	$\Phi_{69}^{18}\ \Phi_{23}^{18}\ \Phi_3^{17}\ \Phi_1^{18}$
75591	1240	1159	$\frac{1}{61}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{30}{61}$	$\Phi_{1159}\ \Phi_{61}^2\ \Phi_{19}^2\ \Phi_1^4$
75592	1240	2013	$\frac{1}{61}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{30}{61}$	$\Phi_{2013}\ \Phi_{33}^2$
75593	1240	1159	$\frac{1}{61}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{30}{61}$	$\Phi_{1159}\ \Phi_{61}^2\ \Phi_{19}^2\ \Phi_1^4$
75594	1240	1830	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{30}{61}$	$\Phi_{1830}\ \Phi_{915}\ \Phi_{610}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
75595	1240	59	$\frac{1}{59}$	$\frac{3}{59}$	$\frac{28}{59}$	$\frac{29}{59}$	$\Phi_{59}^{21}\ \Phi_1^{22}$
75596	1240	177	$\frac{1}{59}$	$\frac{6}{59}$	$\frac{53}{177}$	$\frac{29}{59}$	$\Phi_{177}^{10}\ \Phi_{59}\ \Phi_3^{10}\ \Phi_1^2$
75597	1240	177	$\frac{1}{59}$	$\frac{22}{177}$	$\frac{15}{59}$	$\frac{29}{59}$	$\Phi_{177}^8\ \Phi_{59}^5\ \Phi_3^8\ \Phi_1^6$
75598	1240	609	$\frac{11}{609}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{299}{609}$	$\Phi_{609}^2\ \Phi_{203}^2\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{21}^3\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
75599	1240	1872	$\frac{1}{52}$	$\frac{1}{9}$	$\frac{53}{208}$	$\frac{51}{104}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
75600	1240	2736	$\frac{3}{152}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{149}{304}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
75601	1240	243	$\frac{5}{243}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{119}{243}$	$\Phi_{243}^5\ \Phi_{81}^5\ \Phi_{27}^6\ \Phi_9^6\ \Phi_3^5\ \Phi_1^6$
75602	1240	1375	$\frac{3}{125}$	$\frac{1}{11}$	$\frac{32}{125}$	$\frac{61}{125}$	$\Phi_{1375}\ \Phi_{275}\ \Phi_{55}$
75603	1240	1239	$\frac{31}{1239}$	$\frac{127}{1239}$	$\frac{278}{1239}$	$\frac{604}{1239}$	$\Phi_{1239}\ \Phi_{413}\ \Phi_{177}\ \Phi_{59}\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
75604	1240	780	$\frac{1}{39}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{19}{39}$	$\Phi_{780}^3\ \Phi_{260}^3\ \Phi_{156}^3\ \Phi_{60}^4\ \Phi_{52}^3\ \Phi_{39}\ \Phi_{20}^4\ \Phi_{13}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
75605	1240	429	$\frac{1}{39}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{429}^3\ \Phi_{143}^3\ \Phi_{39}\ \Phi_{33}^4\ \Phi_{13}\ \Phi_{11}^4\ \Phi_3\ \Phi_1^2$
75606	1240	585	$\frac{1}{39}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{19}{39}$	$\Phi_{585}^3\ \Phi_{117}^3\ \Phi_{45}^4\ \Phi_{39}\ \Phi_{13}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
75607	1240	1560	$\frac{1}{39}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{19}{39}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{312}\ \Phi_{260}\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}^2\ \Phi_{39}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
75608	1240	1365	$\frac{1}{39}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{19}{39}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{105}\ \Phi_{91}\ \Phi_{39}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{13}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
75609	1240	468	$\frac{1}{39}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{19}{39}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{156}^3\ \Phi_{117}^3\ \Phi_{52}^3\ \Phi_{39}\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{13}\ \Phi_{12}^4\ \Phi_9^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
75610	1240	413	$\frac{11}{413}$	$\frac{53}{413}$	$\frac{72}{413}$	$\frac{201}{413}$	$\Phi_{413}^3\ \Phi_{59}^3\ \Phi_7^3\ \Phi_1^4$
75611	1240	498	$\frac{7}{249}$	$\frac{32}{249}$	$\frac{1}{6}$	$\frac{121}{249}$	$\Phi_{498}^3\ \Phi_{249}^2\ \Phi_{166}^3\ \Phi_{83}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
75612	1240	1555	$\frac{9}{311}$	$\frac{32}{311}$	$\frac{1}{5}$	$\frac{151}{311}$	Φ_{1555}
75613	1240	1239	$\frac{37}{1239}$	$\frac{92}{1239}$	$\frac{319}{1239}$	$\frac{601}{1239}$	$\Phi_{1239}\ \Phi_{413}\ \Phi_{177}\ \Phi_{59}\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
75614	1240	621	$\frac{19}{621}$	$\frac{32}{621}$	$\frac{1}{3}$	$\frac{301}{621}$	$\Phi_{621}^2\ \Phi_{207}^2\ \Phi_{69}^2\ \Phi_{27}^2\ \Phi_{23}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
75615	1240	420	$\frac{1}{30}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{420}^6\ \Phi_{140}^6\ \Phi_{84}^6\ \Phi_{60}^4\ \Phi_{28}^6\ \Phi_{21}^2\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_7^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
75616	1240	780	$\frac{1}{30}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{29}{60}$	$\Phi_{780}^3\ \Phi_{260}^3\ \Phi_{156}^3\ \Phi_{60}^4\ \Phi_{52}^3\ \Phi_{20}^4\ \Phi_{13}^3\ \Phi_{12}^4\ \Phi_4^4\ \Phi_1^4$
75617	1240	660	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{29}{60}$	$\Phi_{660}^4\ \Phi_{220}^4\ \Phi_{132}^4\ \Phi_{55}\ \Phi_{44}^4$
75618	1240	780	$\frac{1}{30}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{29}{60}$	$\Phi_{780}^3\ \Phi_{260}^3\ \Phi_{156}^3\ \Phi_{60}^4\ \Phi_{52}^3\ \Phi_{39}\ \Phi_{20}^4\ \Phi_{13}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
75619	1240	180	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{29}{60}$	$\Phi_{180}^{15}\ \Phi_{60}^{10}\ \Phi_{36}^{15}\ \Phi_{20}^{10}\ \Phi_{18}^3\ \Phi_{12}^{10}\ \Phi_9^2\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
75620	1240	1197	$\frac{43}{1197}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{577}{1197}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{171}\ \Phi_{133}\ \Phi_{63}^2\ \Phi_{57}\ \Phi_{21}\ \Phi_{19}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
75621	1240	897	$\frac{11}{299}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{144}{299}$	$\Phi_{897}^2\ \Phi_{69}^3\ \Phi_{39}^2\ \Phi_3^2$
75622	1240	162	$\frac{1}{27}$	$\frac{7}{162}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{162}^8\ \Phi_{81}^8\ \Phi_{54}^8\ \Phi_{27}^6\ \Phi_{18}^8\ \Phi_9^6\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
75623	1240	177	$\frac{7}{177}$	$\frac{22}{177}$	$\frac{23}{177}$	$\frac{85}{177}$	$\Phi_{177}^7\ \Phi_{59}^7\ \Phi_3^7\ \Phi_1^8$
75624	1240	825	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{13}{75}$	$\frac{12}{25}$	$\Phi_{825}^2\ \Phi_{275}\ \Phi_{165}^2\ \Phi_{55}\ \Phi_{33}^2$
75625	1240	483	$\frac{6}{161}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{483}^4\ \Phi_{69}^3\ \Phi_{21}^4\ \Phi_3^2$
75626	1240	297	$\frac{1}{27}$	$\frac{13}{297}$	$\frac{1}{3}$	$\frac{142}{297}$	$\Phi_{297}^4\ \Phi_{99}^4\ \Phi_{33}^4\ \Phi_{27}^6\ \Phi_{11}^4\ \Phi_9^6\ \Phi_3^5\ \Phi_1^6$
75627	1240	42	$\frac{1}{21}$	$\frac{1}{21}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{42}^{40}\ \Phi_{21}^{19}\ \Phi_{14}^{40}\ \Phi_7^{19}\ \Phi_6^{40}\ \Phi_3^{19}\ \Phi_2^{40}\ \Phi_1^{20}$
75628	1240	59	$\frac{2}{59}$	$\frac{3}{59}$	$\frac{19}{59}$	$\frac{28}{59}$	$\Phi_{59}^{21}\ \Phi_1^{22}$
75629	1240	59	$\frac{3}{59}$	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{28}{59}$	$\Phi_{59}^{21}\ \Phi_1^{22}$
75630	1240	1824	$\frac{1}{32}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
75631	1240	294	$\frac{1}{21}$	$\frac{8}{147}$	$\frac{5}{21}$	$\frac{139}{294}$	$\Phi_{294}^8\ \Phi_{98}^8\ \Phi_{42}^8\ \Phi_{21}^3\ \Phi_{14}^8\ \Phi_7^3\ \Phi_6^8\ \Phi_3^3\ \Phi_2^8\ \Phi_1^4$
75632	1240	1173	$\frac{2}{69}$	$\frac{67}{1173}$	$\frac{1}{3}$	$\frac{553}{1173}$	$\Phi_{1173}\ \Phi_{391}\ \Phi_{69}^2\ \Phi_{51}\ \Phi_{23}^2\ \Phi_{17}\ \Phi_3\ \Phi_1^2$
75633	1240	1312	$\frac{1}{32}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{1312}\ \Phi_{656}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}$
75634	1240	231	$\frac{1}{21}$	$\frac{17}{231}$	$\frac{4}{21}$	$\frac{107}{231}$	$\Phi_{231}^5\ \Phi_{77}^5\ \Phi_{33}^5\ \Phi_{21}^9\ \Phi_{11}^5\ \Phi_7^9\ \Phi_3^9\ \Phi_1^{10}$
75635	1240	288	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{133}{288}$	$\Phi_{288}^8\ \Phi_{96}^8\ \Phi_{36}^3\ \Phi_{32}^8\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
75636	1240	189	$\frac{1}{21}$	$\frac{5}{63}$	$\frac{34}{189}$	$\frac{29}{63}$	$\Phi_{189}^8\ \Phi_{63}^4\ \Phi_{27}^8\ \Phi_{21}^3\ \Phi_9^4\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
75637	1240	504	$\frac{13}{168}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{24}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^2\ \Phi_{126}^3\ \Phi_{84}^2\ \Phi_{63}^3\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
75638	1240	2574	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{9}$	$\frac{131}{286}$	$\Phi_{2574}\ \Phi_{858}\ \Phi_{234}\ \Phi_{198}\ \Phi_{117}\ \Phi_{78}\ \Phi_{66}\ \Phi_{39}\ \Phi_{18}\ \Phi_6$
75639	1240	567	$\frac{1}{21}$	$\frac{53}{567}$	$\frac{10}{63}$	$\frac{257}{567}$	$\Phi_{567}^2\ \Phi_{189}^2\ \Phi_{81}^2\ \Phi_{63}^4\ \Phi_{27}^2\ \Phi_{21}^3\ \Phi_9^4\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
75640	1240	1239	$\frac{29}{1239}$	$\frac{121}{1239}$	$\frac{340}{1239}$	$\frac{559}{1239}$	$\Phi_{1239}\ \Phi_{413}\ \Phi_{177}\ \Phi_{59}\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
75641	1240	621	$\frac{11}{621}$	$\frac{61}{621}$	$\frac{1}{3}$	$\frac{280}{621}$	$\Phi_{621}^2\ \Phi_{207}^2\ \Phi_{69}^2\ \Phi_{27}^2\ \Phi_{23}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
75642	1240	2296	$\frac{1}{41}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{2296}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}$
75643	1240	168	$\frac{1}{21}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{168}^{14}\ \Phi_{56}^{12}\ \Phi_{24}^{14}\ \Phi_{21}^6\ \Phi_8^{12}\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
75644	1240	63	$\frac{1}{63}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{63}^{20}\ \Phi_{21}^{20}\ \Phi_9^{18}\ \Phi_7^{20}\ \Phi_3^{17}\ \Phi_1^{18}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
75645	1240	369	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{10}{41}$	$\frac{4}{9}$	$\Phi_{369}^{3}\ \Phi_{123}^{3}\ \Phi_{41}^{6}\ \Phi_{9}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
75646	1240	1440	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}^{2}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}^{2}\ \Phi_{60}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
75647	1240	252	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{84}^{6}\ \Phi_{63}^{3}\ \Phi_{42}^{6}\ \Phi_{36}^{4}\ \Phi_{28}^{6}\ \Phi_{21}^{2}\ \Phi_{18}^{4}\ \Phi_{14}^{6}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
75648	1240	276	$\frac{1}{69}$	$\frac{17}{138}$	$\frac{1}{3}$	$\frac{121}{276}$	$\Phi_{276}^{8}\ \Phi_{92}^{8}\ \Phi_{69}^{2}\ \Phi_{23}^{2}\ \Phi_{12}^{8}\ \Phi_{4}^{8}\ \Phi_{3}\ \Phi_{1}^{2}$
75649	1240	231	$\frac{1}{77}$	$\frac{1}{7}$	$\frac{76}{231}$	$\frac{3}{7}$	$\Phi_{231}^{8}\ \Phi_{33}^{8}\ \Phi_{21}^{8}\ \Phi_{7}\ \Phi_{3}^{8}\ \Phi_{1}^{2}$
75650	1240	63	$\frac{1}{63}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{63}^{20}\ \Phi_{21}^{20}\ \Phi_{9}^{20}\ \Phi_{7}^{17}\ \Phi_{3}^{20}\ \Phi_{1}^{18}$
75651	1240	77	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{15}{77}$	$\frac{3}{7}$	$\Phi_{77}^{16}\ \Phi_{11}^{16}\ \Phi_{7}^{17}\ \Phi_{1}^{18}$
75652	1240	672	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{224}\ \Phi_{168}^{2}\ \Phi_{112}\ \Phi_{96}^{4}\ \Phi_{84}^{2}\ \Phi_{56}\ \Phi_{48}^{4}\ \Phi_{42}\ \Phi_{32}^{2}\ \Phi_{28}\ \Phi_{24}^{4}\ \Phi_{21}\ \Phi_{16}^{2}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
75653	1240	161	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{161}^{8}\ \Phi_{23}^{8}\ \Phi_{7}\ \Phi_{1}^{2}$
75654	1240	1232	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{176}^{2}\ \Phi_{112}\ \Phi_{88}^{2}\ \Phi_{56}\ \Phi_{44}^{2}\ \Phi_{28}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
75655	1240	105	$\frac{1}{21}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{105}^{14}\ \Phi_{35}^{12}\ \Phi_{21}^{6}\ \Phi_{15}^{14}\ \Phi_{7}^{5}\ \Phi_{5}^{12}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
75656	1240	693	$\frac{4}{77}$	$\frac{73}{693}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{693}^{2}\ \Phi_{231}^{2}\ \Phi_{99}^{2}\ \Phi_{63}^{2}\ \Phi_{33}^{2}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
75657	1240	231	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{231}^{5}\ \Phi_{77}^{4}\ \Phi_{33}^{10}\ \Phi_{21}^{5}\ \Phi_{11}^{8}\ \Phi_{7}^{5}\ \Phi_{3}^{10}\ \Phi_{1}^{10}$
75658	1240	168	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{168}^{8}\ \Phi_{84}^{8}\ \Phi_{56}^{8}\ \Phi_{42}^{8}\ \Phi_{28}^{8}\ \Phi_{24}^{8}\ \Phi_{21}^{8}\ \Phi_{12}^{8}\ \Phi_{8}^{8}\ \Phi_{7}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{2}$
75659	1240	378	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{378}^{6}\ \Phi_{126}^{6}\ \Phi_{63}^{3}\ \Phi_{54}^{4}\ \Phi_{42}^{6}\ \Phi_{21}^{2}\ \Phi_{18}^{4}\ \Phi_{14}^{6}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
75660	1240	1239	$\frac{23}{1239}$	$\frac{187}{1239}$	$\frac{304}{1239}$	$\frac{526}{1239}$	$\Phi_{1239}\ \Phi_{413}\ \Phi_{177}\ \Phi_{59}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
75661	1240	1312	$\frac{1}{32}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{1312}\ \Phi_{656}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}$
75662	1240	105	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{43}{105}$	$\Phi_{105}^{10}\ \Phi_{35}^{10}\ \Phi_{21}^{19}\ \Phi_{15}^{10}\ \Phi_{7}^{19}\ \Phi_{5}^{10}\ \Phi_{3}^{19}\ \Phi_{1}^{20}$
75663	1240	468	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{5}{26}$	$\frac{21}{52}$	$\Phi_{468}^{5}\ \Phi_{234}\ \Phi_{156}^{5}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{36}^{5}\ \Phi_{18}\ \Phi_{12}^{5}\ \Phi_{6}$
75664	1240	1239	$\frac{34}{1239}$	$\frac{185}{1239}$	$\frac{241}{1239}$	$\frac{499}{1239}$	$\Phi_{1239}\ \Phi_{413}\ \Phi_{177}\ \Phi_{59}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
75665	1240	1555	$\frac{6}{311}$	$\frac{61}{311}$	$\frac{1}{5}$	$\frac{125}{311}$	Φ_{1555}
75666	1240	177	$\frac{2}{177}$	$\frac{35}{177}$	$\frac{53}{177}$	$\frac{71}{177}$	$\Phi_{177}^{7}\ \Phi_{59}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
75667	1240	207	$\frac{2}{207}$	$\frac{41}{207}$	$\frac{1}{3}$	$\frac{83}{207}$	$\Phi_{207}^{6}\ \Phi_{69}^{6}\ \Phi_{23}^{6}\ \Phi_{9}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
75668	1240	715	$\frac{3}{65}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{715}^{2}\ \Phi_{143}^{2}\ \Phi_{55}$
75669	1240	413	$\frac{8}{413}$	$\frac{81}{413}$	$\frac{83}{413}$	$\frac{165}{413}$	$\Phi_{413}^{3}\ \Phi_{59}^{3}\ \Phi_{7}^{3}\ \Phi_{1}^{4}$
75670	1240	1312	$\frac{1}{32}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{1312}\ \Phi_{656}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}$
75671	1240	252	$\frac{1}{21}$	$\frac{5}{63}$	$\frac{29}{126}$	$\frac{97}{252}$	$\Phi_{252}^{8}\ \Phi_{84}^{8}\ \Phi_{63}^{4}\ \Phi_{36}^{8}\ \Phi_{28}^{8}\ \Phi_{21}^{3}\ \Phi_{12}^{8}\ \Phi_{9}^{4}\ \Phi_{7}^{3}\ \Phi_{4}^{8}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
75672	1240	168	$\frac{1}{21}$	$\frac{13}{168}$	$\frac{5}{21}$	$\frac{8}{21}$	$\Phi_{168}^{8}\ \Phi_{84}^{8}\ \Phi_{56}^{8}\ \Phi_{42}^{8}\ \Phi_{28}^{8}\ \Phi_{24}^{8}\ \Phi_{21}^{3}\ \Phi_{14}^{8}\ \Phi_{12}^{8}\ \Phi_{8}^{8}\ \Phi_{7}^{3}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{3}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
75673	1240	550	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{6}{25}$	$\frac{19}{50}$	$\Phi_{550}^{4}\ \Phi_{275}\ \Phi_{110}^{4}\ \Phi_{55}\ \Phi_{22}^{4}$
75674	1240	177	$\frac{5}{177}$	$\frac{22}{177}$	$\frac{43}{177}$	$\frac{67}{177}$	$\Phi_{177}^{7}\ \Phi_{59}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
75675	1240	498	$\frac{5}{249}$	$\frac{1}{6}$	$\frac{61}{249}$	$\frac{94}{249}$	$\Phi_{498}^{3}\ \Phi_{249}^{2}\ \Phi_{166}^{3}\ \Phi_{83}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
75676	1240	3000	$\frac{1}{125}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{3000}\ \Phi_{600}\ \Phi_{375}\ \Phi_{120}\ \Phi_{75}\ \Phi_{15}$
75677	1240	1976	$\frac{3}{247}$	$\frac{61}{247}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1976}\ \Phi_{247}\ \Phi_{152}\ \Phi_{104}\ \Phi_{19}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
75678	1240	2520	$\frac{1}{63}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{120}\ \Phi_{105}\ \Phi_{45}\ \Phi_{35}\ \Phi_{15}$
75679	1240	1976	$\frac{7}{247}$	$\frac{30}{247}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1976}\ \Phi_{247}\ \Phi_{152}\ \Phi_{104}\ \Phi_{19}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
75680	1240	288	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{288}^{5}\ \Phi_{144}^{5}\ \Phi_{96}^{5}\ \Phi_{72}^{4}\ \Phi_{48}^{5}\ \Phi_{36}^{5}\ \Phi_{24}^{4}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{4}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
75681	1240	520	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}^4\ \Phi_{104}^3\ \Phi_{65}^4\ \Phi_{40}^4\ \Phi_{13}^3\ \Phi_8^4\ \Phi_5^4\ \Phi_1^4$
75682	1240	1064	$\frac{1}{19}$	$\frac{9}{133}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1064}^2\ \Phi_{152}\ \Phi_{133}^2\ \Phi_{56}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_7^2\ \Phi_1^2$
75683	1240	1968	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1968}\ \Phi_{656}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}$
75684	1240	189	$\frac{1}{21}$	$\frac{4}{63}$	$\frac{59}{189}$	$\frac{65}{189}$	$\Phi_{189}^5\ \Phi_{63}^{10}\ \Phi_{27}^5\ \Phi_{21}^9\ \Phi_9^{10}\ \Phi_7^9\ \Phi_3^9\ \Phi_1^{10}$
75685	1240	234	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{38}{117}$	$\frac{79}{234}$	$\Phi_{234}^8\ \Phi_{117}^3\ \Phi_{78}^8\ \Phi_{39}^2\ \Phi_{26}^8\ \Phi_{18}^8\ \Phi_{13}^2\ \Phi_9^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
75686	1240	156	$\frac{1}{156}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{156}^8\ \Phi_{78}^8\ \Phi_{52}^8\ \Phi_{39}^8\ \Phi_{26}^8\ \Phi_{13}^8\ \Phi_{12}^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
75687	1240	927	$\frac{2}{309}$	$\frac{307}{927}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{927}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
75688	1240	618	$\frac{1}{103}$	$\frac{51}{206}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{618}^2\ \Phi_{309}\ \Phi_{206}^4\ \Phi_{103}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
75689	1240	309	$\frac{4}{309}$	$\frac{61}{309}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{309}^4\ \Phi_{103}^4\ \Phi_3^5\ \Phi_1^6$
75690	1240	126	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{126}^{12}\ \Phi_{63}^8\ \Phi_{42}^{12}\ \Phi_{21}^8\ \Phi_{18}^{12}\ \Phi_{14}^{12}\ \Phi_9^8\ \Phi_7^8\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
75691	1240	309	$\frac{3}{103}$	$\frac{10}{103}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{309}^3\ \Phi_{103}^6\ \Phi_3^4\ \Phi_1^8$
75692	1240	1056	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}^2\ \Phi_{264}\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{22}^2$
75693	1240	231	$\frac{1}{21}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}^6\ \Phi_{77}^6\ \Phi_{33}^4\ \Phi_{21}^2\ \Phi_{11}^4\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
75694	1240	1155	$\frac{1}{77}$	$\frac{1}{5}$	$\frac{76}{231}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}^2\ \Phi_{165}\ \Phi_{105}\ \Phi_{55}^2\ \Phi_{35}^2\ \Phi_{15}^2\ \Phi_5^2$
75695	1240	738	$\frac{2}{123}$	$\frac{1}{6}$	$\frac{121}{369}$	$\frac{1}{3}$	$\Phi_{738}^3\ \Phi_{369}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
75696	1240	459	$\frac{4}{153}$	$\frac{1}{9}$	$\frac{149}{459}$	$\frac{1}{3}$	$\Phi_{459}^4\ \Phi_{27}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
75697	1240	315	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{315}^6\ \Phi_{63}^6\ \Phi_{45}^4\ \Phi_{21}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
75698	1240	897	$\frac{1}{23}$	$\frac{22}{299}$	$\frac{277}{897}$	$\frac{1}{3}$	$\Phi_{897}\ \Phi_{299}^2\ \Phi_{69}^2\ \Phi_{39}\ \Phi_{23}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
75699	1240	162	$\frac{7}{162}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{162}^8\ \Phi_{81}^7\ \Phi_{54}^8\ \Phi_{27}^8\ \Phi_{18}^8\ \Phi_9^8\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
75700	1240	891	$\frac{1}{27}$	$\frac{26}{297}$	$\frac{271}{891}$	$\frac{1}{3}$	$\Phi_{891}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
75701	1240	189	$\frac{1}{63}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{189}^9\ \Phi_{63}^2\ \Phi_{27}^8\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
75702	1240	207	$\frac{1}{69}$	$\frac{17}{69}$	$\frac{52}{207}$	$\frac{1}{3}$	$\Phi_{207}^8\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_9^8\ \Phi_3\ \Phi_1^2$
75703	1240	246	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{10}{41}$	$\frac{1}{3}$	$\Phi_{246}^6\ \Phi_{123}^3\ \Phi_{82}^6\ \Phi_{41}^6\ \Phi_6^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
75704	1240	621	$\frac{17}{621}$	$\frac{94}{621}$	$\frac{151}{621}$	$\frac{1}{3}$	$\Phi_{621}^2\ \Phi_{207}^2\ \Phi_{69}^2\ \Phi_{27}^2\ \Phi_{23}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
75705	1240	612	$\frac{2}{51}$	$\frac{1}{9}$	$\frac{49}{204}$	$\frac{1}{3}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{36}^3\ \Phi_{34}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
75706	1240	81	$\frac{5}{81}$	$\frac{2}{27}$	$\frac{19}{81}$	$\frac{1}{3}$	$\Phi_{81}^{15}\ \Phi_{27}^{16}\ \Phi_9^{16}\ \Phi_3^{15}\ \Phi_1^{16}$
75707	1240	429	$\frac{2}{33}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{429}^3\ \Phi_{143}^3\ \Phi_{33}^4\ \Phi_{13}^3\ \Phi_{11}^4\ \Phi_1^4$
75708	1240	840	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{84}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
75709	1240	162	$\frac{7}{162}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{162}^8\ \Phi_{81}^8\ \Phi_{54}^8\ \Phi_{27}^8\ \Phi_{18}^8\ \Phi_9^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
75710	1240	1824	$\frac{1}{32}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
75711	1240	621	$\frac{16}{621}$	$\frac{121}{621}$	$\frac{125}{621}$	$\frac{1}{3}$	$\Phi_{621}^2\ \Phi_{207}^2\ \Phi_{69}^2\ \Phi_{27}^2\ \Phi_{23}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
75712	1240	1155	$\frac{2}{77}$	$\frac{15}{77}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1155}^2\ \Phi_{165}^2\ \Phi_{105}^2\ \Phi_{15}^3$
75713	1240	480	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^4\ \Phi_{120}^3\ \Phi_{80}^4\ \Phi_{60}^3\ \Phi_{40}^4\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
75714	1240	2415	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{345}\ \Phi_{15}$
75715	1240	2640	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{15}$
75716	1240	105	$\frac{1}{21}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^{11}\ \Phi_{35}^{12}\ \Phi_{21}^{13}\ \Phi_{15}^{12}\ \Phi_7^{14}\ \Phi_5^{12}\ \Phi_3^{13}\ \Phi_1^{14}$
75717	1240	165	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{165}^9\ \Phi_{55}^{10}\ \Phi_{15}^{10}\ \Phi_5^{10}$
75718	1240	840	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
75719	1240	153	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{29}{153}$	$\frac{1}{3}$	$\Phi_{153}^{8}\ \Phi_{51}^{8}\ \Phi_{17}^{8}\ \Phi_{9}^{10}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
75720	1240	69	$\frac{4}{69}$	$\frac{7}{69}$	$\frac{13}{69}$	$\frac{1}{3}$	$\Phi_{69}^{18}\ \Phi_{23}^{18}\ \Phi_{3}^{17}\ \Phi_{1}^{18}$
75721	1240	135	$\frac{2}{27}$	$\frac{11}{135}$	$\frac{5}{27}$	$\frac{1}{3}$	$\Phi_{135}^{10}\ \Phi_{45}^{10}\ \Phi_{27}^{6}\ \Phi_{15}^{10}\ \Phi_{9}^{6}\ \Phi_{5}^{10}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
75722	1240	429	$\frac{2}{33}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{429}^{3}\ \Phi_{143}^{3}\ \Phi_{39}\ \Phi_{33}^{4}\ \Phi_{13}\ \Phi_{11}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
75723	1240	525	$\frac{1}{21}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{525}^{3}\ \Phi_{175}^{3}\ \Phi_{75}^{2}\ \Phi_{25}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
75724	1240	252	$\frac{1}{21}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{84}^{6}\ \Phi_{63}^{6}\ \Phi_{36}^{4}\ \Phi_{28}^{6}\ \Phi_{21}^{2}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
75725	1240	198	$\frac{2}{33}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{198}^{9}\ \Phi_{99}^{6}\ \Phi_{66}^{6}\ \Phi_{33}^{4}\ \Phi_{22}^{6}\ \Phi_{18}^{3}\ \Phi_{11}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
75726	1240	729	$\frac{2}{27}$	$\frac{25}{243}$	$\frac{109}{729}$	$\frac{1}{3}$	$\Phi_{729}^{2}\ \Phi_{243}\ \Phi_{81}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
75727	1240	69	$\frac{2}{23}$	$\frac{7}{69}$	$\frac{3}{23}$	$\frac{1}{3}$	$\Phi_{69}^{17}\ \Phi_{23}^{20}\ \Phi_{3}^{16}\ \Phi_{1}^{20}$
75728	1240	684	$\frac{3}{76}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{73}{228}$	$\Phi_{684}^{2}\ \Phi_{342}^{2}\ \Phi_{228}\ \Phi_{171}^{2}\ \Phi_{114}\ \Phi_{76}^{2}\ \Phi_{57}\ \Phi_{38}^{2}\ \Phi_{36}^{3}\ \Phi_{19}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
75729	1240	585	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{14}{45}$	$\Phi_{585}^{3}\ \Phi_{117}^{3}\ \Phi_{45}^{4}\ \Phi_{13}^{3}\ \Phi_{9}^{4}\ \Phi_{1}^{4}$
75730	1240	495	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{14}{45}$	$\Phi_{495}^{4}\ \Phi_{99}^{4}\ \Phi_{55}$
75731	1240	585	$\frac{1}{15}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{14}{45}$	$\Phi_{585}^{3}\ \Phi_{117}^{3}\ \Phi_{45}^{4}\ \Phi_{39}\ \Phi_{13}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
75732	1240	90	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{14}{45}$	$\Phi_{90}^{15}\ \Phi_{45}^{10}\ \Phi_{30}^{18}\ \Phi_{18}^{18}\ \Phi_{15}^{12}\ \Phi_{10}^{18}\ \Phi_{9}^{12}\ \Phi_{6}^{20}\ \Phi_{5}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{20}\ \Phi_{1}^{14}$
75733	1240	36	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{11}{36}$	$\Phi_{36}^{35}\ \Phi_{18}^{35}\ \Phi_{12}^{34}\ \Phi_{9}^{34}\ \Phi_{6}^{34}\ \Phi_{4}^{34}\ \Phi_{3}^{33}\ \Phi_{2}^{34}\ \Phi_{1}^{34}$
75734	1240	441	$\frac{1}{21}$	$\frac{16}{147}$	$\frac{5}{21}$	$\frac{131}{441}$	$\Phi_{441}^{4}\ \Phi_{63}^{4}\ \Phi_{21}^{3}\ \Phi_{9}^{4}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
75735	1240	567	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{567}^{3}\ \Phi_{81}^{2}\ \Phi_{63}^{3}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
75736	1240	147	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{23}{147}$	$\frac{2}{7}$	$\Phi_{147}^{10}\ \Phi_{49}^{5}\ \Phi_{21}^{10}\ \Phi_{7}^{7}\ \Phi_{3}^{10}\ \Phi_{1}^{8}$
75737	1240	35	$\frac{3}{35}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{35}^{35}\ \Phi_{7}^{37}\ \Phi_{5}^{35}\ \Phi_{1}^{38}$
75738	1240	216	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{72}$	$\frac{61}{216}$	$\Phi_{216}^{8}\ \Phi_{108}^{8}\ \Phi_{54}^{8}\ \Phi_{36}^{3}\ \Phi_{27}^{8}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
75739	1240	189	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{34}{189}$	$\frac{53}{189}$	$\Phi_{189}^{6}\ \Phi_{63}^{8}\ \Phi_{27}^{6}\ \Phi_{21}^{7}\ \Phi_{9}^{8}\ \Phi_{7}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
75740	1240	1485	$\frac{11}{135}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{99}\ \Phi_{55}$
75741	1240	42	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{42}^{26}\ \Phi_{21}^{32}\ \Phi_{14}^{28}\ \Phi_{7}^{33}\ \Phi_{6}^{26}\ \Phi_{3}^{32}\ \Phi_{2}^{28}\ \Phi_{1}^{34}$
75742	1240	520	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{3}{13}$	$\Phi_{520}^{3}\ \Phi_{260}^{3}\ \Phi_{104}^{3}\ \Phi_{52}^{3}\ \Phi_{40}^{4}\ \Phi_{20}^{4}\ \Phi_{13}^{3}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
75743	1240	455	$\frac{1}{13}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{3}{13}$	$\Phi_{455}^{3}\ \Phi_{91}^{3}\ \Phi_{35}^{4}\ \Phi_{13}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{4}$
75744	1240	468	$\frac{1}{13}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{3}{13}$	$\Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{156}^{3}\ \Phi_{117}^{3}\ \Phi_{52}^{3}\ \Phi_{36}^{4}\ \Phi_{18}^{4}\ \Phi_{13}^{3}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
75745	1240	576	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{37}{192}$	$\frac{11}{48}$	$\Phi_{576}^{3}\ \Phi_{288}^{3}\ \Phi_{192}^{2}\ \Phi_{96}^{2}\ \Phi_{64}^{2}\ \Phi_{36}^{3}\ \Phi_{32}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
75746	1240	440	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{40}$	$\Phi_{440}^{4}\ \Phi_{220}^{4}\ \Phi_{88}^{4}\ \Phi_{55}\ \Phi_{44}^{4}$
75747	1240	1560	$\frac{1}{10}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{9}{40}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{312}\ \Phi_{260}\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}^{2}\ \Phi_{39}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
75748	1240	360	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{9}{40}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}^{3}\ \Phi_{72}^{5}\ \Phi_{60}^{3}\ \Phi_{40}^{4}\ \Phi_{36}^{5}\ \Phi_{24}^{3}\ \Phi_{20}^{4}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
75749	1240	385	$\frac{1}{11}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{385}^{4}\ \Phi_{77}^{4}\ \Phi_{55}$
75750	1240	1365	$\frac{4}{39}$	$\frac{4}{35}$	$\frac{7}{39}$	$\frac{1}{5}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{105}\ \Phi_{91}\ \Phi_{39}\ \Phi_{35}^{2}\ \Phi_{21}\ \Phi_{13}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
75751	1240	825	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{5}$	$\Phi_{825}^{2}\ \Phi_{275}^{2}\ \Phi_{55}$
75752	1240	1980	$\frac{1}{11}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{220}\ \Phi_{55}$
75753	1240	630	$\frac{1}{9}$	$\frac{4}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{630}^{3}\ \Phi_{315}^{2}\ \Phi_{210}^{2}\ \Phi_{126}^{3}\ \Phi_{105}\ \Phi_{70}^{2}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{21}\ \Phi_{18}^{3}\ \Phi_{14}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
75754	1240	468	$\frac{4}{39}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{7}{39}$	$\Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{156}^{3}\ \Phi_{117}^{3}\ \Phi_{52}^{3}\ \Phi_{39}\ \Phi_{36}^{4}\ \Phi_{18}^{4}\ \Phi_{13}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
75755	1240	36	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{36}^{40}\ \Phi_{18}^{28}\ \Phi_{12}^{40}\ \Phi_{9}^{27}\ \Phi_{6}^{32}\ \Phi_{4}^{40}\ \Phi_{3}^{31}\ \Phi_{2}^{32}\ \Phi_{1}^{32}$
75756	1241	1984	$\frac{1}{248}$	$\frac{249}{992}$	$\frac{743}{1984}$	$\frac{247}{496}$	$\Phi_{1984}\ \Phi_{496}\ \Phi_{64}\ \Phi_{16}\ \Phi_{1}$
75757	1241	2464	$\frac{9}{1232}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1223}{2464}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{224}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
75758	1241	2460	$\frac{11}{1230}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1219}{2460}$	$\Phi_{2460}\ \Phi_{820}\ \Phi_{492}\ \Phi_{164}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
75759	1241	1660	$\frac{4}{415}$	$\frac{1}{5}$	$\frac{419}{1660}$	$\frac{411}{830}$	$\Phi_{1660}\ \Phi_{415}\ \Phi_{332}\ \Phi_{83}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
75760	1241	288	$\frac{1}{72}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{71}{144}$	$\Phi_{288}^{8}\ \Phi_{144}\ \Phi_{96}^{8}\ \Phi_{48}\ \Phi_{32}^{9}\ \Phi_{16}\ \Phi_{1}$
75761	1241	144	$\frac{1}{72}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{71}{144}$	$\Phi_{144}^{17}\ \Phi_{48}^{17}\ \Phi_{24}\ \Phi_{16}^{17}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75762	1241	720	$\frac{1}{72}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{71}{144}$	$\Phi_{720}^{4}\ \Phi_{240}^{4}\ \Phi_{144}\ \Phi_{80}^{4}\ \Phi_{48}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
75763	1241	1664	$\frac{7}{416}$	$\frac{1}{8}$	$\frac{423}{1664}$	$\frac{409}{832}$	$\Phi_{1664}\ \Phi_{416}\ \Phi_{208}\ \Phi_{128}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
75764	1241	2432	$\frac{25}{1216}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1191}{2432}$	$\Phi_{2432}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
75765	1241	2400	$\frac{1}{40}$	$\frac{41}{1200}$	$\frac{1159}{2400}$	$\frac{39}{80}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
75766	1241	1600	$\frac{1}{40}$	$\frac{41}{400}$	$\frac{359}{1600}$	$\frac{39}{80}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
75767	1241	1440	$\frac{1}{40}$	$\frac{199}{1440}$	$\frac{41}{240}$	$\frac{39}{80}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
75768	1241	2400	$\frac{41}{1200}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{1159}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{60}\ \Phi_{32}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75769	1241	2400	$\frac{41}{1200}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1159}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{1}$
75770	1241	2400	$\frac{41}{1200}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1159}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75771	1241	1500	$\frac{9}{250}$	$\frac{1}{10}$	$\frac{259}{1500}$	$\frac{241}{500}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{375}\ \Phi_{300}\ \Phi_{250}\ \Phi_{150}\ \Phi_{125}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75772	1241	1680	$\frac{19}{420}$	$\frac{1}{20}$	$\frac{439}{1680}$	$\frac{401}{840}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75773	1241	2400	$\frac{2}{75}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{75}\ \Phi_{32}\ \Phi_{25}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
75774	1241	864	$\frac{1}{36}$	$\frac{1}{16}$	$\frac{35}{108}$	$\frac{15}{32}$	$\Phi_{864}^{4}\ \Phi_{108}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{1}$
75775	1241	608	$\frac{3}{76}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{608}^{4}\ \Phi_{76}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{1}$
75776	1241	96	$\frac{1}{24}$	$\frac{1}{16}$	$\frac{23}{96}$	$\frac{15}{32}$	$\Phi_{96}^{9}\ \Phi_{48}^{17}\ \Phi_{32}^{10}\ \Phi_{24}^{16}\ \Phi_{16}^{17}\ \Phi_{12}^{16}\ \Phi_{8}^{16}\ \Phi_{6}^{16}\ \Phi_{4}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
75777	1241	1440	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{17}{90}$	$\frac{15}{32}$	$\Phi_{1440}^{2}\ \Phi_{480}^{2}\ \Phi_{160}^{2}\ \Phi_{90}\ \Phi_{45}\ \Phi_{32}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
75778	1241	1248	$\frac{1}{16}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{1248}^{2}\ \Phi_{416}^{2}\ \Phi_{78}\ \Phi_{39}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
75779	1241	672	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{15}{32}$	$\Phi_{672}^{4}\ \Phi_{224}^{4}\ \Phi_{84}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
75780	1241	160	$\frac{1}{16}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{15}{32}$	$\Phi_{160}^{16}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}^{9}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
75781	1241	2592	$\frac{1}{16}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{15}{32}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{81}\ \Phi_{32}\ \Phi_{27}\ \Phi_{1}$
75782	1241	1344	$\frac{7}{96}$	$\frac{103}{1344}$	$\frac{1}{8}$	$\frac{89}{192}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75783	1241	2304	$\frac{7}{96}$	$\frac{89}{1152}$	$\frac{1}{8}$	$\frac{1063}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75784	1241	2288	$\frac{7}{104}$	$\frac{97}{1144}$	$\frac{1}{8}$	$\frac{1047}{2288}$	$\Phi_{2288}\ \Phi_{208}\ \Phi_{176}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
75785	1241	1440	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{199}{1440}$	$\frac{161}{360}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75786	1241	2240	$\frac{1}{40}$	$\frac{121}{1120}$	$\frac{39}{160}$	$\frac{999}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
75787	1241	2240	$\frac{1}{20}$	$\frac{121}{1120}$	$\frac{19}{140}$	$\frac{999}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{140}\ \Phi_{70}\ \Phi_{64}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
75788	1241	2232	$\frac{1}{62}$	$\frac{125}{1116}$	$\frac{61}{186}$	$\frac{991}{2232}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{248}\ \Phi_{186}\ \Phi_{93}\ \Phi_{72}\ \Phi_{24}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75789	1241	1408	$\frac{9}{176}$	$\frac{167}{1408}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
75790	1241	1344	$\frac{103}{1344}$	$\frac{9}{112}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75791	1241	1110	$\frac{1}{74}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1110}\ \Phi_{555}\ \Phi_{370}\ \Phi_{222}^2\ \Phi_{185}\ \Phi_{111}^2\ \Phi_{74}\ \Phi_{37}\ \Phi_{15}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
75792	1241	1400	$\frac{1}{20}$	$\frac{159}{1400}$	$\frac{19}{140}$	$\frac{121}{280}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{200}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
75793	1241	1736	$\frac{1}{62}$	$\frac{61}{434}$	$\frac{495}{1736}$	$\frac{373}{868}$	$\Phi_{1736}\ \Phi_{434}\ \Phi_{248}\ \Phi_{217}\ \Phi_{56}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
75794	1241	2160	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{161}{1080}$	$\frac{919}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75795	1241	888	$\frac{1}{74}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{888}^2\ \Phi_{296}^2\ \Phi_{222}^2\ \Phi_{111}^2\ \Phi_{74}\ \Phi_{37}\ \Phi_{24}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75796	1241	1300	$\frac{59}{1300}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{325}\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{50}\ \Phi_{26}\ \Phi_{25}\ \Phi_{13}\ \Phi_{1}$
75797	1241	2080	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{201}{1040}$	$\frac{839}{2080}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{208}\ \Phi_{160}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
75798	1241	1280	$\frac{39}{1280}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
75799	1241	2000	$\frac{9}{250}$	$\frac{1}{10}$	$\frac{241}{1000}$	$\frac{759}{2000}$	$\Phi_{2000}\ \Phi_{400}\ \Phi_{250}\ \Phi_{125}\ \Phi_{80}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_{1}$
75800	1241	1260	$\frac{19}{1260}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
75801	1241	1920	$\frac{1}{40}$	$\frac{39}{320}$	$\frac{281}{960}$	$\frac{679}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
75802	1241	1320	$\frac{1}{20}$	$\frac{79}{1320}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75803	1241	1872	$\frac{7}{312}$	$\frac{1}{8}$	$\frac{305}{936}$	$\frac{631}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75804	1241	1488	$\frac{1}{62}$	$\frac{247}{1488}$	$\frac{61}{186}$	$\frac{125}{372}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}\ \Phi_{248}\ \Phi_{186}\ \Phi_{93}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75805	1241	1860	$\frac{1}{155}$	$\frac{154}{465}$	$\frac{619}{1860}$	$\frac{311}{930}$	$\Phi_{1860}\ \Phi_{620}\ \Phi_{465}\ \Phi_{372}\ \Phi_{124}\ \Phi_{93}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
75806	1241	600	$\frac{2}{75}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{75}^3\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}\ \Phi_{10}^2\ \Phi_{6}\ \Phi_{5}^3\ \Phi_{3}\ \Phi_{1}$
75807	1241	300	$\frac{2}{75}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^5\ \Phi_{60}^3\ \Phi_{50}^4\ \Phi_{30}^3\ \Phi_{25}^5\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
75808	1241	1674	$\frac{1}{62}$	$\frac{125}{558}$	$\frac{433}{1674}$	$\frac{61}{186}$	$\Phi_{1674}\ \Phi_{837}\ \Phi_{186}\ \Phi_{93}\ \Phi_{54}\ \Phi_{27}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75809	1241	1845	$\frac{11}{615}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{604}{1845}$	$\Phi_{1845}\ \Phi_{369}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
75810	1241	216	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{35}{108}$	$\Phi_{216}^8\ \Phi_{108}^9\ \Phi_{54}^9\ \Phi_{27}^9\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75811	1241	540	$\frac{1}{36}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{35}{108}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{135}^4\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
75812	1241	1824	$\frac{25}{608}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{583}{1824}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}\ \Phi_{57}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75813	1241	1800	$\frac{1}{20}$	$\frac{41}{600}$	$\frac{559}{1800}$	$\frac{19}{60}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75814	1241	1500	$\frac{1}{20}$	$\frac{41}{300}$	$\frac{259}{1500}$	$\frac{19}{60}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75815	1241	1440	$\frac{1}{20}$	$\frac{199}{1440}$	$\frac{41}{240}$	$\frac{19}{60}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75816	1241	1800	$\frac{41}{600}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{559}{1800}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
75817	1241	1440	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{199}{1440}$	$\frac{89}{288}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
75818	1241	1620	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{379}{1620}$	$\frac{161}{540}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{162}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75819	1241	456	$\frac{3}{76}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{456}^4\ \Phi_{228}^4\ \Phi_{114}^4\ \Phi_{76}\ \Phi_{57}^4\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75820	1241	96	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{23}{96}$	$\frac{7}{24}$	$\Phi_{96}^{17}\ \Phi_{48}^{17}\ \Phi_{32}^{17}\ \Phi_{24}\ \Phi_{16}^{17}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
75821	1241	1296	$\frac{55}{1296}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75822	1241	360	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{17}{90}$	$\frac{7}{24}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{4}\ \Phi_{90}^{5}\ \Phi_{60}^{4}\ \Phi_{45}^{5}\ \Phi_{40}^{4}\ \Phi_{30}^{5}\ \Phi_{24}\ \Phi_{20}^{4}\ \Phi_{15}^{5}\ \Phi_{12}\ \Phi_{10}^{5}\ \Phi_{6}\ \Phi_{5}^{5}\ \Phi_{3}\ \Phi_{1}$
75823	1241	312	$\frac{5}{78}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{312}^{4}\ \Phi_{156}^{4}\ \Phi_{104}^{4}\ \Phi_{78}^{5}\ \Phi_{52}^{4}\ \Phi_{39}^{5}\ \Phi_{26}^{5}\ \Phi_{24}\ \Phi_{13}^{5}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75824	1241	168	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{84}$	$\frac{7}{24}$	$\Phi_{168}^{8}\ \Phi_{84}^{9}\ \Phi_{56}^{8}\ \Phi_{42}^{9}\ \Phi_{28}^{9}\ \Phi_{24}\ \Phi_{21}^{9}\ \Phi_{14}^{9}\ \Phi_{12}\ \Phi_{7}^{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75825	1241	240	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}\ \Phi_{60}^{8}\ \Phi_{48}^{8}\ \Phi_{40}\ \Phi_{30}^{8}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}^{8}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
75826	1241	648	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{648}^{2}\ \Phi_{324}^{2}\ \Phi_{216}^{2}\ \Phi_{162}^{2}\ \Phi_{108}^{2}\ \Phi_{81}^{3}\ \Phi_{54}^{2}\ \Phi_{27}^{3}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75827	1241	1728	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{576}$	$\frac{487}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75828	1241	1350	$\frac{109}{1350}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{150}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{270}\ \Phi_{225}\ \Phi_{135}\ \Phi_{90}\ \Phi_{54}\ \Phi_{50}\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
75829	1241	1680	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{121}{560}$	$\frac{439}{1680}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75830	1241	380	$\frac{3}{76}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{380}^{4}\ \Phi_{190}^{4}\ \Phi_{95}^{4}\ \Phi_{76}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
75831	1241	480	$\frac{1}{24}$	$\frac{3}{20}$	$\frac{23}{96}$	$\frac{1}{4}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{4}\ \Phi_{96}\ \Phi_{80}^{4}\ \Phi_{48}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
75832	1241	180	$\frac{1}{18}$	$\frac{3}{20}$	$\frac{17}{90}$	$\frac{1}{4}$	$\Phi_{180}^{6}\ \Phi_{90}^{7}\ \Phi_{60}^{6}\ \Phi_{45}^{7}\ \Phi_{36}^{8}\ \Phi_{30}^{7}\ \Phi_{20}^{7}\ \Phi_{18}^{8}\ \Phi_{15}^{7}\ \Phi_{12}^{8}\ \Phi_{10}^{8}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
75833	1241	780	$\frac{5}{78}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}^{2}\ \Phi_{130}^{2}\ \Phi_{78}\ \Phi_{65}^{2}\ \Phi_{39}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
75834	1241	420	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{4}\ \Phi_{84}\ \Phi_{70}^{4}\ \Phi_{42}\ \Phi_{35}^{4}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
75835	1241	80	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{80}^{17}\ \Phi_{40}^{13}\ \Phi_{20}^{14}\ \Phi_{16}^{17}\ \Phi_{10}^{14}\ \Phi_{8}^{16}\ \Phi_{5}^{14}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
75836	1241	1620	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{270}\ \Phi_{135}\ \Phi_{81}\ \Phi_{27}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
75837	1241	1536	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{295}{1536}$	$\frac{89}{384}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75838	1241	1600	$\frac{1}{10}$	$\frac{41}{400}$	$\frac{9}{50}$	$\frac{359}{1600}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{320}\ \Phi_{160}\ \Phi_{64}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{1}$
75839	1241	1400	$\frac{1}{10}$	$\frac{159}{1400}$	$\frac{9}{50}$	$\frac{41}{200}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{175}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{50}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
75840	1241	1500	$\frac{1}{10}$	$\frac{41}{300}$	$\frac{259}{1500}$	$\frac{9}{50}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{50}\ \Phi_{25}\ \Phi_{1}$
75841	1241	1440	$\frac{1}{8}$	$\frac{199}{1440}$	$\frac{7}{48}$	$\frac{41}{240}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
75842	1242	2060	$\frac{1}{206}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{205}{412}$	$\Phi_{2060}\ \Phi_{412}^{2}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
75843	1242	1236	$\frac{1}{206}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{205}{412}$	$\Phi_{1236}\ \Phi_{618}^{2}\ \Phi_{309}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
75844	1242	2192	$\frac{1}{137}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{68}{137}$	$\Phi_{2192}\ \Phi_{137}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
75845	1242	548	$\frac{1}{137}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{68}{137}$	$\Phi_{548}^{2}\ \Phi_{274}^{2}\ \Phi_{137}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
75846	1242	820	$\frac{2}{205}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{203}{410}$	$\Phi_{820}^{2}\ \Phi_{205}^{2}\ \Phi_{164}^{2}\ \Phi_{41}^{2}\ \Phi_{20}^{3}\ \Phi_{10}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
75847	1242	1241	$\frac{13}{1241}$	$\frac{209}{1241}$	$\frac{344}{1241}$	$\frac{614}{1241}$	$\Phi_{1241}\ \Phi_{73}\ \Phi_{17}\ \Phi_{1}^{2}$
75848	1242	332	$\frac{1}{83}$	$\frac{14}{83}$	$\frac{1}{4}$	$\frac{41}{83}$	$\Phi_{332}^{5}\ \Phi_{166}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
75849	1242	1168	$\frac{1}{73}$	$\frac{37}{584}$	$\frac{547}{1168}$	$\frac{36}{73}$	$\Phi_{1168}^{2}\ \Phi_{73}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
75850	1242	292	$\frac{1}{73}$	$\frac{37}{292}$	$\frac{85}{292}$	$\frac{36}{73}$	$\Phi_{292}^{4}\ \Phi_{146}^{4}\ \Phi_{73}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
75851	1242	730	$\frac{1}{73}$	$\frac{109}{730}$	$\frac{37}{146}$	$\frac{36}{73}$	$\Phi_{730}^{2}\ \Phi_{365}^{2}\ \Phi_{73}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
75852	1242	136	$\frac{1}{68}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{67}{136}$	$\Phi_{136}^{18}\ \Phi_{17}\ \Phi_{8}^{18}\ \Phi_{1}^{2}$
75853	1242	2040	$\frac{1}{68}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{67}{136}$	$\Phi_{2040}^{2}\ \Phi_{408}\ \Phi_{120}^{2}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
75854	1242	136	$\frac{1}{68}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{67}{136}$	$\Phi_{136}^{18}\ \Phi_{17}\ \Phi_{8}^{18}\ \Phi_{1}^{2}$
75855	1242	952	$\frac{1}{68}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{67}{136}$	$\Phi_{952}^{3}\ \Phi_{56}^{3}\ \Phi_{28}\ \Phi_{14}$
75856	1242	2332	$\frac{1}{53}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{26}{53}$	$\Phi_{2332}\ \Phi_{212}\ \Phi_{53}\ \Phi_{44}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
75857	1242	1749	$\frac{1}{53}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{26}{53}$	$\Phi_{1749}\ \Phi_{159}\ \Phi_{53}\ \Phi_{33}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
75858	1242	2340	$\frac{1}{45}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{22}{45}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{180}\ \Phi_{156}\ \Phi_{60}\ \Phi_{52}^{2}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
75859	1242	585	$\frac{1}{45}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{22}{45}$	$\Phi_{585}^{2}\ \Phi_{195}^{2}\ \Phi_{117}^{2}\ \Phi_{65}^{2}\ \Phi_{45}^{3}\ \Phi_{39}^{2}\ \Phi_{15}^{3}\ \Phi_{13}^{4}\ \Phi_{9}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
75860	1242	180	$\frac{1}{45}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{22}{45}$	$\Phi_{180}^{9}\ \Phi_{90}^{4}\ \Phi_{60}^{9}\ \Phi_{45}^{5}\ \Phi_{36}^{9}\ \Phi_{30}^{4}\ \Phi_{20}^{11}\ \Phi_{18}^{4}\ \Phi_{15}^{5}\ \Phi_{12}^{9}\ \Phi_{10}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{10}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
75861	1242	1241	$\frac{37}{1241}$	$\frac{71}{1241}$	$\frac{390}{1241}$	$\frac{602}{1241}$	$\Phi_{1241}\ \Phi_{73}\ \Phi_{17}\ \Phi_{1}^{2}$
75862	1242	2800	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{193}{400}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
75863	1242	1390	$\frac{5}{139}$	$\frac{1}{10}$	$\frac{24}{139}$	$\frac{67}{139}$	$\Phi_{1390}\ \Phi_{695}\ \Phi_{278}$
75864	1242	312	$\frac{1}{26}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{312}^{4}\ \Phi_{156}^{3}\ \Phi_{104}^{4}\ \Phi_{78}^{4}\ \Phi_{52}^{4}\ \Phi_{39}^{4}\ \Phi_{26}^{4}\ \Phi_{24}^{6}\ \Phi_{13}^{4}\ \Phi_{12}^{5}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
75865	1242	780	$\frac{1}{26}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{25}{52}$	$\Phi_{780}^{3}\ \Phi_{260}^{3}\ \Phi_{156}^{3}\ \Phi_{60}^{3}\ \Phi_{52}^{4}\ \Phi_{30}^{2}\ \Phi_{20}^{3}\ \Phi_{15}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
75866	1242	1300	$\frac{1}{26}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{1300}^{2}\ \Phi_{260}\ \Phi_{100}^{2}\ \Phi_{52}^{2}\ \Phi_{25}^{2}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
75867	1242	1404	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{25}{52}$	$\Phi_{1404}^{2}\ \Phi_{468}\ \Phi_{156}\ \Phi_{108}^{2}\ \Phi_{52}^{2}\ \Phi_{36}\ \Phi_{27}^{2}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
75868	1242	1241	$\frac{49}{1241}$	$\frac{114}{1241}$	$\frac{215}{1241}$	$\frac{596}{1241}$	$\Phi_{1241}\ \Phi_{73}\ \Phi_{17}\ \Phi_{1}^{2}$
75869	1242	1660	$\frac{17}{415}$	$\frac{24}{415}$	$\frac{1}{4}$	$\frac{199}{415}$	$\Phi_{1660}\ \Phi_{830}\ \Phi_{332}\ \Phi_{166}\ \Phi_{20}\ \Phi_{10}$
75870	1242	924	$\frac{1}{28}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{231}^{2}\ \Phi_{132}\ \Phi_{84}^{3}\ \Phi_{66}^{2}\ \Phi_{42}^{3}\ \Phi_{33}^{2}\ \Phi_{21}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
75871	1242	2332	$\frac{2}{53}$	$\frac{1}{22}$	$\frac{17}{53}$	$\frac{21}{44}$	$\Phi_{2332}\ \Phi_{212}\ \Phi_{53}\ \Phi_{44}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
75872	1242	836	$\frac{1}{22}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{836}\ \Phi_{418}^{2}\ \Phi_{209}^{2}\ \Phi_{76}^{2}\ \Phi_{38}^{3}\ \Phi_{19}^{2}$
75873	1242	2332	$\frac{1}{22}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{21}{44}$	$\Phi_{2332}\ \Phi_{212}\ \Phi_{53}\ \Phi_{44}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
75874	1242	1540	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{21}{44}$	$\Phi_{1540}^{2}\ \Phi_{308}\ \Phi_{140}^{2}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
75875	1242	34	$\frac{1}{34}$	$\frac{1}{17}$	$\frac{11}{34}$	$\frac{8}{17}$	$\Phi_{34}^{36}\ \Phi_{17}^{37}\ \Phi_{2}^{36}\ \Phi_{1}^{38}$
75876	1242	646	$\frac{25}{646}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{646}^{2}\ \Phi_{323}^{2}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{17}\ \Phi_{1}^{2}$
75877	1242	408	$\frac{1}{24}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{408}^{3}\ \Phi_{204}^{3}\ \Phi_{136}^{3}\ \Phi_{102}^{3}\ \Phi_{68}^{2}\ \Phi_{51}^{3}\ \Phi_{34}^{2}\ \Phi_{24}^{6}\ \Phi_{17}^{3}\ \Phi_{12}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
75878	1242	272	$\frac{3}{68}$	$\frac{1}{17}$	$\frac{65}{272}$	$\frac{8}{17}$	$\Phi_{272}^{6}\ \Phi_{136}^{6}\ \Phi_{17}\ \Phi_{16}^{6}\ \Phi_{8}^{6}\ \Phi_{1}^{2}$
75879	1242	85	$\frac{1}{17}$	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{8}{17}$	$\Phi_{85}^{18}\ \Phi_{17}\ \Phi_{5}^{18}\ \Phi_{1}^{2}$
75880	1242	221	$\frac{1}{17}$	$\frac{14}{221}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{221}^{6}\ \Phi_{17}\ \Phi_{13}^{6}\ \Phi_{1}^{2}$
75881	1242	680	$\frac{1}{17}$	$\frac{59}{680}$	$\frac{9}{68}$	$\frac{8}{17}$	$\Phi_{680}^{2}\ \Phi_{340}^{2}\ \Phi_{170}^{2}\ \Phi_{136}^{2}\ \Phi_{85}^{2}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{17}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
75882	1242	238	$\frac{1}{17}$	$\frac{3}{34}$	$\frac{31}{238}$	$\frac{8}{17}$	$\Phi_{238}^{6}\ \Phi_{119}^{6}\ \Phi_{17}\ \Phi_{14}^{6}\ \Phi_{7}^{6}\ \Phi_{1}^{2}$
75883	1242	2470	$\frac{1}{19}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{2470}\ \Phi_{494}\ \Phi_{190}\ \Phi_{95}\ \Phi_{38}$
75884	1242	910	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{61}{130}$	$\Phi_{910}^{3}\ \Phi_{182}^{3}\ \Phi_{91}\ \Phi_{70}^{3}\ \Phi_{14}^{3}$
75885	1242	224	$\frac{1}{16}$	$\frac{17}{224}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{224}^{5}\ \Phi_{112}^{6}\ \Phi_{56}^{6}\ \Phi_{32}^{6}\ \Phi_{28}^{6}\ \Phi_{16}^{6}\ \Phi_{14}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
75886	1242	73	$\frac{4}{73}$	$\frac{5}{73}$	$\frac{13}{73}$	$\frac{34}{73}$	$\Phi_{73}^{17}\ \Phi_{1}^{18}$
75887	1242	532	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{532}^{2}\ \Phi_{266}^{3}\ \Phi_{133}^{3}\ \Phi_{76}^{2}\ \Phi_{38}^{3}\ \Phi_{19}^{2}$
75888	1242	1241	$\frac{29}{1241}$	$\frac{93}{1241}$	$\frac{404}{1241}$	$\frac{574}{1241}$	$\Phi_{1241}\ \Phi_{73}\ \Phi_{17}\ \Phi_{1}^{2}$
75889	1242	896	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{1}{7}$	$\frac{59}{128}$	$\Phi_{896}^{3}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
75890	1242	600	$\frac{1}{24}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^3\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
75891	1242	264	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{264}^5\ \Phi_{132}^5\ \Phi_{88}^5\ \Phi_{66}^5\ \Phi_{44}^5\ \Phi_{33}^5\ \Phi_{24}^4\ \Phi_{22}^5\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4$
75892	1242	2310	$\frac{1}{55}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{2310}\ \Phi_{770}\ \Phi_{462}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{154}\ \Phi_{110}\ \Phi_{70}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{10}$
75893	1242	798	$\frac{1}{19}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{798}^3\ \Phi_{266}^3\ \Phi_{133}\ \Phi_{114}^3\ \Phi_{38}^3$
75894	1242	73	$\frac{4}{73}$	$\frac{7}{73}$	$\frac{10}{73}$	$\frac{33}{73}$	$\Phi_{73}^{17}\ \Phi_1^{18}$
75895	1242	1520	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{304}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{38}$
75896	1242	1241	$\frac{44}{1241}$	$\frac{133}{1241}$	$\frac{229}{1241}$	$\frac{554}{1241}$	$\Phi_{1241}\ \Phi_{73}\ \Phi_{17}\ \Phi_1^2$
75897	1242	332	$\frac{2}{83}$	$\frac{9}{83}$	$\frac{1}{4}$	$\frac{37}{83}$	$\Phi_{332}^5\ \Phi_{166}^5\ \Phi_4^4\ \Phi_2^4$
75898	1242	1680	$\frac{1}{70}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1680}^2\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{210}\ \Phi_{105}\ \Phi_{48}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
75899	1242	2192	$\frac{2}{137}$	$\frac{1}{8}$	$\frac{45}{137}$	$\frac{7}{16}$	$\Phi_{2192}\ \Phi_{137}\ \Phi_{16}^2\ \Phi_1^2$
75900	1242	1760	$\frac{1}{55}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1760}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
75901	1242	752	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{752}^3\ \Phi_{188}\ \Phi_{94}$
75902	1242	2192	$\frac{5}{137}$	$\frac{1}{8}$	$\frac{22}{137}$	$\frac{7}{16}$	$\Phi_{2192}\ \Phi_{137}\ \Phi_{16}^2\ \Phi_1^2$
75903	1242	336	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{336}^8\ \Phi_{168}\ \Phi_{112}^7\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
75904	1242	365	$\frac{1}{73}$	$\frac{49}{365}$	$\frac{24}{73}$	$\frac{158}{365}$	$\Phi_{365}^3\ \Phi_{73}^5\ \Phi_5^3\ \Phi_1^6$
75905	1242	364	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{1}{7}$	$\frac{157}{364}$	$\Phi_{364}^6\ \Phi_{182}\ \Phi_{91}\ \Phi_{52}^6\ \Phi_{28}^6\ \Phi_{14}\ \Phi_4^6$
75906	1242	440	$\frac{1}{55}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{440}^5\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}^5\ \Phi_{44}\ \Phi_{40}^4\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}\ \Phi_8^4$
75907	1242	760	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{760}^3\ \Phi_{190}\ \Phi_{152}^3\ \Phi_{95}\ \Phi_{38}$
75908	1242	292	$\frac{1}{73}$	$\frac{12}{73}$	$\frac{85}{292}$	$\frac{61}{146}$	$\Phi_{292}^6\ \Phi_{73}^5\ \Phi_4^6\ \Phi_1^6$
75909	1242	515	$\frac{1}{103}$	$\frac{1}{5}$	$\frac{34}{103}$	$\frac{2}{5}$	$\Phi_{515}^2\ \Phi_{103}^4\ \Phi_5^3\ \Phi_1^6$
75910	1242	140	$\frac{1}{70}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{140}^{12}\ \Phi_{70}^6\ \Phi_{35}^6\ \Phi_{28}^{12}\ \Phi_{20}^{11}\ \Phi_{14}^6\ \Phi_{10}^5\ \Phi_7^6\ \Phi_5^6\ \Phi_4^{10}\ \Phi_2^4\ \Phi_1^6$
75911	1242	515	$\frac{4}{103}$	$\frac{11}{103}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{515}^2\ \Phi_{103}^4\ \Phi_5^3\ \Phi_1^6$
75912	1242	120	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{120}^{11}\ \Phi_{60}^{11}\ \Phi_{40}^{11}\ \Phi_{30}^{11}\ \Phi_{24}^{10}\ \Phi_{20}^{11}\ \Phi_{15}^{11}\ \Phi_{12}^{10}\ \Phi_{10}^5\ \Phi_8^{10}\ \Phi_6^{10}\ \Phi_5^6\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^4\ \Phi_1^6$
75913	1242	1241	$\frac{11}{1241}$	$\frac{277}{1241}$	$\frac{410}{1241}$	$\frac{482}{1241}$	$\Phi_{1241}\ \Phi_{73}\ \Phi_{17}\ \Phi_1^2$
75914	1242	264	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{264}^5\ \Phi_{132}^5\ \Phi_{88}^5\ \Phi_{66}^5\ \Phi_{44}^3\ \Phi_{33}^5\ \Phi_{24}^4\ \Phi_{22}^5\ \Phi_{12}^4\ \Phi_{11}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
75915	1242	2128	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{2128}\ \Phi_{304}\ \Phi_{266}\ \Phi_{133}\ \Phi_{38}$
75916	1242	73	$\frac{4}{73}$	$\frac{5}{73}$	$\frac{17}{73}$	$\frac{28}{73}$	$\Phi_{73}^{17}\ \Phi_1^{18}$
75917	1242	332	$\frac{1}{83}$	$\frac{41}{166}$	$\frac{1}{4}$	$\frac{125}{332}$	$\Phi_{332}^3\ \Phi_{166}^5\ \Phi_{83}^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
75918	1242	1504	$\frac{1}{47}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1504}\ \Phi_{752}\ \Phi_{188}\ \Phi_{94}$
75919	1242	1330	$\frac{1}{70}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{266}\ \Phi_{190}\ \Phi_{133}\ \Phi_{95}\ \Phi_{38}$
75920	1242	1980	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
75921	1242	658	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{658}^3\ \Phi_{329}\ \Phi_{94}^3$
75922	1242	1241	$\frac{35}{1241}$	$\frac{134}{1241}$	$\frac{369}{1241}$	$\frac{436}{1241}$	$\Phi_{1241}\ \Phi_{73}\ \Phi_{17}\ \Phi_1^2$
75923	1242	1320	$\frac{1}{24}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
75924	1242	1241	$\frac{50}{1241}$	$\frac{91}{1241}$	$\frac{397}{1241}$	$\frac{422}{1241}$	$\Phi_{1241}\ \Phi_{73}\ \Phi_{17}\ \Phi_1^2$
75925	1242	1390	$\frac{4}{139}$	$\frac{1}{10}$	$\frac{45}{139}$	$\frac{47}{139}$	$\Phi_{1390}\ \Phi_{695}\ \Phi_{278}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
75926	1242	728	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{17}{52}$	$\frac{35}{104}$	$\Phi_{728}^3\ \Phi_{364}\ \Phi_{182}\ \Phi_{91}\ \Phi_{56}^3\ \Phi_{28}\ \Phi_{14}$
75927	1242	1241	$\frac{14}{1241}$	$\frac{275}{1241}$	$\frac{409}{1241}$	$\frac{416}{1241}$	$\Phi_{1241}\ \Phi_{73}\ \Phi_{17}\ \Phi_1^2$
75928	1242	1660	$\frac{4}{415}$	$\frac{1}{4}$	$\frac{137}{415}$	$\frac{139}{415}$	$\Phi_{1660}\ \Phi_{830}\ \Phi_{332}\ \Phi_{166}\ \Phi_{20}\ \Phi_{10}$
75929	1242	1236	$\frac{1}{103}$	$\frac{1}{4}$	$\frac{34}{103}$	$\frac{1}{3}$	$\Phi_{1236}^2\ \Phi_{618}^2\ \Phi_{12}^3\ \Phi_6^3$
75930	1242	1866	$\frac{7}{622}$	$\frac{139}{622}$	$\frac{205}{622}$	$\frac{1}{3}$	$\Phi_{1866}\ \Phi_{933}\ \Phi_6$
75931	1242	510	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{11}{34}$	$\frac{1}{3}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{30}^5\ \Phi_{15}^5\ \Phi_6^3\ \Phi_3^2$
75932	1242	1866	$\frac{25}{622}$	$\frac{47}{622}$	$\frac{199}{622}$	$\frac{1}{3}$	$\Phi_{1866}\ \Phi_{933}\ \Phi_6$
75933	1242	312	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{312}^4\ \Phi_{156}^4\ \Phi_{104}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^2\ \Phi_{26}^4\ \Phi_{24}^6\ \Phi_{13}^4\ \Phi_{12}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
75934	1242	924	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
75935	1242	1866	$\frac{19}{622}$	$\frac{67}{622}$	$\frac{185}{622}$	$\frac{1}{3}$	$\Phi_{1866}\ \Phi_{933}\ \Phi_6$
75936	1242	420	$\frac{1}{70}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^5\ \Phi_{105}^5\ \Phi_{84}^4\ \Phi_{60}^4\ \Phi_{42}^5\ \Phi_{30}^5\ \Phi_{21}^5\ \Phi_{15}^5\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
75937	1242	1236	$\frac{4}{103}$	$\frac{11}{103}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1236}^2\ \Phi_{618}^2\ \Phi_{12}^3\ \Phi_6^3$
75938	1242	120	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^{12}\ \Phi_{60}^{10}\ \Phi_{40}^{12}\ \Phi_{30}^{11}\ \Phi_{24}^6\ \Phi_{20}^{12}\ \Phi_{15}^{11}\ \Phi_{12}^5\ \Phi_{10}^{12}\ \Phi_8^6\ \Phi_6^6\ \Phi_5^{12}\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
75939	1242	510	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{16}{85}$	$\frac{1}{3}$	$\Phi_{510}^4\ \Phi_{255}^3\ \Phi_{102}^4\ \Phi_{51}^4\ \Phi_{30}^5\ \Phi_{15}^4\ \Phi_6^5\ \Phi_3^4$
75940	1242	548	$\frac{2}{137}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{45}{137}$	$\Phi_{548}^2\ \Phi_{274}^2\ \Phi_{137}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
75941	1242	1241	$\frac{20}{1241}$	$\frac{278}{1241}$	$\frac{321}{1241}$	$\frac{407}{1241}$	$\Phi_{1241}\ \Phi_{73}\ \Phi_{17}\ \Phi_1^2$
75942	1242	1660	$\frac{7}{415}$	$\frac{93}{415}$	$\frac{1}{4}$	$\frac{136}{415}$	$\Phi_{1660}\ \Phi_{830}\ \Phi_{332}\ \Phi_{166}\ \Phi_{20}\ \Phi_{10}$
75943	1242	820	$\frac{4}{205}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{67}{205}$	$\Phi_{820}^2\ \Phi_{410}^2\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_4^2\ \Phi_2^2$
75944	1242	34	$\frac{1}{34}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{11}{34}$	$\Phi_{34}^{36}\ \Phi_{17}^{37}\ \Phi_2^{36}\ \Phi_1^{38}$
75945	1242	476	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{11}{34}$	$\Phi_{476}^4\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{28}^5\ \Phi_{14}^3\ \Phi_7^2$
75946	1242	1241	$\frac{38}{1241}$	$\frac{140}{1241}$	$\frac{367}{1241}$	$\frac{401}{1241}$	$\Phi_{1241}\ \Phi_{73}\ \Phi_{17}\ \Phi_1^2$
75947	1242	1456	$\frac{7}{208}$	$\frac{1}{7}$	$\frac{47}{208}$	$\frac{67}{208}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{112}\ \Phi_{91}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
75948	1242	1749	$\frac{2}{53}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{17}{53}$	$\Phi_{1749}\ \Phi_{159}\ \Phi_{53}\ \Phi_{33}^2\ \Phi_3^2\ \Phi_1^2$
75949	1242	1241	$\frac{47}{1241}$	$\frac{160}{1241}$	$\frac{281}{1241}$	$\frac{398}{1241}$	$\Phi_{1241}\ \Phi_{73}\ \Phi_{17}\ \Phi_1^2$
75950	1242	1660	$\frac{16}{415}$	$\frac{47}{415}$	$\frac{1}{4}$	$\frac{133}{415}$	$\Phi_{1660}\ \Phi_{830}\ \Phi_{332}\ \Phi_{166}\ \Phi_{20}\ \Phi_{10}$
75951	1242	560	$\frac{1}{16}$	$\frac{11}{80}$	$\frac{1}{7}$	$\frac{5}{16}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}\ \Phi_{70}^3\ \Phi_{56}\ \Phi_{35}^3\ \Phi_{28}\ \Phi_{14}$
75952	1242	390	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{7}{30}$	$\frac{4}{13}$	$\Phi_{390}^4\ \Phi_{195}^2\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{30}^6\ \Phi_{26}^4\ \Phi_{15}^3\ \Phi_{13}^4\ \Phi_{10}^6\ \Phi_6^6\ \Phi_5^3\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
75953	1242	325	$\frac{1}{13}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{325}^4\ \Phi_{65}^2\ \Phi_{25}^6\ \Phi_{13}^4\ \Phi_5^3\ \Phi_1^6$
75954	1242	351	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{4}{13}$	$\Phi_{351}^4\ \Phi_{117}^2\ \Phi_{39}^2\ \Phi_{27}^6\ \Phi_{13}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^6$
75955	1242	182	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{7}$	$\frac{4}{13}$	$\Phi_{182}^9\ \Phi_{91}^7\ \Phi_{14}^9\ \Phi_7^6$
75956	1242	2508	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{38}$
75957	1242	1749	$\frac{1}{11}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{10}{33}$	$\Phi_{1749}\ \Phi_{159}\ \Phi_{53}\ \Phi_{33}^2\ \Phi_3^2\ \Phi_1^2$
75958	1242	2310	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{10}{33}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{14}$
75959	1242	73	$\frac{4}{73}$	$\frac{7}{73}$	$\frac{17}{73}$	$\frac{22}{73}$	$\Phi_{73}^{17}\ \Phi_1^{18}$
75960	1242	570	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{570}^3\ \Phi_{285}^3\ \Phi_{190}\ \Phi_{114}^3\ \Phi_{95}\ \Phi_{57}^3\ \Phi_{38}$
75961	1242	408	$\frac{1}{24}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{408}^3\ \Phi_{204}^3\ \Phi_{136}^3\ \Phi_{102}^3\ \Phi_{68}^2\ \Phi_{51}^3\ \Phi_{34}^2\ \Phi_{24}^6\ \Phi_{17}^3\ \Phi_{12}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
75962	1242	272	$\frac{3}{68}$	$\frac{2}{17}$	$\frac{65}{272}$	$\frac{5}{17}$	$\Phi_{272}^6\ \Phi_{136}^6\ \Phi_{17}\ \Phi_{16}^6\ \Phi_8^6\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
75963	1242	85	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{16}{85}$	$\frac{5}{17}$	$\Phi_{85}^{18}\ \Phi_{17}\ \Phi_{5}^{18}\ \Phi_{1}^{2}$
75964	1242	221	$\frac{14}{221}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{221}^{6}\ \Phi_{17}\ \Phi_{13}^{6}\ \Phi_{1}^{2}$
75965	1242	238	$\frac{3}{34}$	$\frac{2}{17}$	$\frac{31}{238}$	$\frac{5}{17}$	$\Phi_{238}^{6}\ \Phi_{119}^{6}\ \Phi_{17}\ \Phi_{14}^{6}\ \Phi_{7}^{6}\ \Phi_{1}^{2}$
75966	1242	1320	$\frac{1}{24}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
75967	1242	73	$\frac{4}{73}$	$\frac{10}{73}$	$\frac{13}{73}$	$\frac{21}{73}$	$\Phi_{73}^{17}\ \Phi_{1}^{18}$
75968	1242	532	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{532}^{3}\ \Phi_{266}^{3}\ \Phi_{133}\ \Phi_{76}^{3}\ \Phi_{38}^{3}$
75969	1242	224	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{5}{32}$	$\frac{9}{32}$	$\Phi_{224}^{6}\ \Phi_{112}^{7}\ \Phi_{56}^{7}\ \Phi_{28}^{7}\ \Phi_{14}^{7}\ \Phi_{7}^{6}$
75970	1242	600	$\frac{1}{24}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{600}^{2}\ \Phi_{300}^{2}\ \Phi_{200}^{2}\ \Phi_{150}^{2}\ \Phi_{120}^{3}\ \Phi_{100}^{2}\ \Phi_{75}^{2}\ \Phi_{60}^{3}\ \Phi_{50}^{2}\ \Phi_{40}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
75971	1242	1241	$\frac{41}{1241}$	$\frac{200}{1241}$	$\frac{298}{1241}$	$\frac{347}{1241}$	$\Phi_{1241}\ \Phi_{73}\ \Phi_{17}\ \Phi_{1}^{2}$
75972	1242	1660	$\frac{13}{415}$	$\frac{67}{415}$	$\frac{1}{4}$	$\frac{116}{415}$	$\Phi_{1660}\ \Phi_{830}\ \Phi_{332}\ \Phi_{166}\ \Phi_{20}\ \Phi_{10}$
75973	1242	188	$\frac{1}{47}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{188}^{7}\ \Phi_{94}^{7}\ \Phi_{47}^{6}$
75974	1242	548	$\frac{5}{137}$	$\frac{22}{137}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{548}^{2}\ \Phi_{274}^{2}\ \Phi_{137}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
75975	1242	168	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{168}^{9}\ \Phi_{84}^{9}\ \Phi_{56}^{9}\ \Phi_{42}^{9}\ \Phi_{28}^{7}\ \Phi_{21}^{9}\ \Phi_{14}^{7}\ \Phi_{7}^{6}$
75976	1242	1904	$\frac{3}{68}$	$\frac{1}{7}$	$\frac{65}{272}$	$\frac{1}{4}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
75977	1242	60	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{1}{4}$	$\Phi_{60}^{27}\ \Phi_{30}^{14}\ \Phi_{20}^{29}\ \Phi_{15}^{13}\ \Phi_{12}^{27}\ \Phi_{10}^{15}\ \Phi_{6}^{14}\ \Phi_{5}^{14}\ \Phi_{4}^{28}\ \Phi_{3}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
75978	1242	100	$\frac{2}{25}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{100}^{18}\ \Phi_{50}^{8}\ \Phi_{25}^{10}\ \Phi_{20}^{11}\ \Phi_{10}^{5}\ \Phi_{5}^{6}\ \Phi_{4}^{10}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
75979	1242	2380	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{16}{85}$	$\frac{1}{4}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}\ \Phi_{14}$
75980	1242	332	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{14}{83}$	$\frac{1}{4}$	$\Phi_{332}^{5}\ \Phi_{166}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
75981	1242	540	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{4}$	$\Phi_{540}^{4}\ \Phi_{270}^{2}\ \Phi_{180}^{2}\ \Phi_{135}^{2}\ \Phi_{108}^{2}\ \Phi_{90}\ \Phi_{60}^{2}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}^{2}\ \Phi_{20}^{4}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
75982	1242	85	$\frac{1}{17}$	$\frac{13}{85}$	$\frac{16}{85}$	$\frac{4}{17}$	$\Phi_{85}^{14}\ \Phi_{17}^{17}\ \Phi_{5}^{14}\ \Phi_{1}^{18}$
75983	1242	1792	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{49}{256}$	$\frac{15}{64}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
75984	1242	102	$\frac{5}{51}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{34}$	$\Phi_{102}^{17}\ \Phi_{51}^{10}\ \Phi_{34}^{12}\ \Phi_{17}^{7}\ \Phi_{6}^{17}\ \Phi_{3}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{8}$
75985	1242	1820	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{12}{65}$	$\frac{53}{260}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{364}\ \Phi_{182}\ \Phi_{140}\ \Phi_{91}\ \Phi_{70}\ \Phi_{28}\ \Phi_{14}$
75986	1242	560	$\frac{1}{8}$	$\frac{11}{80}$	$\frac{1}{7}$	$\frac{7}{40}$	$\Phi_{560}^{3}\ \Phi_{280}^{2}\ \Phi_{140}^{2}\ \Phi_{112}^{3}\ \Phi_{70}^{2}\ \Phi_{56}^{3}\ \Phi_{35}^{2}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
75987	1243	2472	$\frac{7}{1236}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1229}{2472}$	$\Phi_{2472}\ \Phi_{824}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
75988	1243	2208	$\frac{1}{138}$	$\frac{139}{1104}$	$\frac{965}{2208}$	$\frac{137}{276}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{276}\ \Phi_{96}\ \Phi_{92}\ \Phi_{32}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
75989	1243	1656	$\frac{1}{138}$	$\frac{413}{1656}$	$\frac{139}{552}$	$\frac{137}{276}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{92}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
75990	1243	1494	$\frac{2}{249}$	$\frac{251}{1494}$	$\frac{1}{3}$	$\frac{247}{498}$	$\Phi_{1494}\ \Phi_{747}\ \Phi_{249}\ \Phi_{83}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
75991	1243	1120	$\frac{1}{112}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{111}{224}$	$\Phi_{1120}^{2}\ \Phi_{224}^{3}\ \Phi_{160}^{2}\ \Phi_{32}^{3}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
75992	1243	3360	$\frac{1}{112}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{111}{224}$	$\Phi_{3360}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{96}\ \Phi_{32}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
75993	1243	2460	$\frac{13}{1230}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1217}{2460}$	$\Phi_{2460}\ \Phi_{820}\ \Phi_{492}\ \Phi_{164}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
75994	1243	2448	$\frac{19}{1224}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{1205}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
75995	1243	2448	$\frac{19}{1224}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1205}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{144}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
75996	1243	444	$\frac{2}{111}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{109}{222}$	$\Phi_{444}^{3}\ \Phi_{222}^{2}\ \Phi_{148}^{3}\ \Phi_{111}^{3}\ \Phi_{74}^{2}\ \Phi_{37}^{3}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
75997	1243	216	$\frac{1}{54}$	$\frac{5}{108}$	$\frac{103}{216}$	$\frac{53}{108}$	$\Phi_{216}^{11}\ \Phi_{108}\ \Phi_{72}^{11}\ \Phi_{36}\ \Phi_{24}^{11}\ \Phi_{12}\ \Phi_{8}^{11}\ \Phi_{4}\ \Phi_{1}$
75998	1243	2392	$\frac{1}{46}$	$\frac{47}{1196}$	$\frac{1149}{2392}$	$\frac{45}{92}$	$\Phi_{2392}\ \Phi_{184}\ \Phi_{104}\ \Phi_{92}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
75999	1243	456	$\frac{1}{38}$	$\frac{1}{12}$	$\frac{39}{152}$	$\frac{37}{76}$	$\Phi_{456}^{4}\ \Phi_{228}^{2}\ \Phi_{152}^{3}\ \Phi_{114}^{2}\ \Phi_{76}^{2}\ \Phi_{57}^{2}\ \Phi_{38}\ \Phi_{24}^{4}\ \Phi_{19}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
76000	1243	2400	$\frac{43}{1200}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1157}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
76001	1243	216	$\frac{5}{108}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{103}{216}$	$\Phi_{216}^{11}\ \Phi_{72}^{11}\ \Phi_{24}^{11}\ \Phi_{12}^{5}\ \Phi_{8}^{11}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
76002	1243	1344	$\frac{5}{96}$	$\frac{101}{1344}$	$\frac{1}{6}$	$\frac{91}{192}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
76003	1243	1836	$\frac{19}{612}$	$\frac{1}{18}$	$\frac{593}{1836}$	$\frac{17}{36}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{459}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
76004	1243	1296	$\frac{53}{1296}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
76005	1243	2340	$\frac{1}{18}$	$\frac{73}{1170}$	$\frac{17}{90}$	$\frac{1097}{2340}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{180}\ \Phi_{156}\ \Phi_{90}\ \Phi_{60}\ \Phi_{52}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
76006	1243	2340	$\frac{73}{1170}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1097}{2340}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{180}\ \Phi_{156}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
76007	1243	1512	$\frac{1}{18}$	$\frac{17}{252}$	$\frac{269}{1512}$	$\frac{235}{504}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
76008	1243	2304	$\frac{5}{96}$	$\frac{91}{1152}$	$\frac{1}{6}$	$\frac{1061}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
76009	1243	2300	$\frac{1}{23}$	$\frac{93}{1150}$	$\frac{22}{115}$	$\frac{1057}{2300}$	$\Phi_{2300}\ \Phi_{460}\ \Phi_{115}\ \Phi_{100}\ \Phi_{92}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
76010	1243	138	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{25}{138}$	$\frac{21}{46}$	$\Phi_{138}^{11}\ \Phi_{69}^{11}\ \Phi_{23}^{10}\ \Phi_{6}^{11}\ \Phi_{3}^{11}\ \Phi_{1}^{11}$
76011	1243	1440	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{197}{1440}$	$\frac{163}{360}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
76012	1243	2268	$\frac{1}{54}$	$\frac{109}{1134}$	$\frac{53}{162}$	$\frac{1025}{2268}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{324}\ \Phi_{252}\ \Phi_{162}\ \Phi_{108}\ \Phi_{84}\ \Phi_{81}\ \Phi_{36}\ \Phi_{28}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
76013	1243	2268	$\frac{1}{18}$	$\frac{109}{1134}$	$\frac{17}{126}$	$\frac{1025}{2268}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{324}\ \Phi_{252}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
76014	1243	840	$\frac{1}{56}$	$\frac{1}{10}$	$\frac{55}{168}$	$\frac{9}{20}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{3}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{3}\ \Phi_{60}^{2}\ \Phi_{42}^{3}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
76015	1243	580	$\frac{3}{116}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{580}^{2}\ \Phi_{290}^{2}\ \Phi_{145}^{2}\ \Phi_{116}^{3}\ \Phi_{58}^{3}\ \Phi_{29}^{3}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
76016	1243	140	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{27}{140}$	$\frac{9}{20}$	$\Phi_{140}^{9}\ \Phi_{70}^{9}\ \Phi_{35}^{9}\ \Phi_{28}^{8}\ \Phi_{20}^{10}\ \Phi_{14}^{8}\ \Phi_{10}^{9}\ \Phi_{7}^{8}\ \Phi_{5}^{9}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
76017	1243	2380	$\frac{6}{119}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{2380}\ \Phi_{476}\ \Phi_{340}\ \Phi_{119}\ \Phi_{68}\ \Phi_{20}\ \Phi_{17}\ \Phi_{4}\ \Phi_{1}$
76018	1243	120	$\frac{7}{120}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{120}^{11}\ \Phi_{60}^{11}\ \Phi_{40}^{9}\ \Phi_{30}^{11}\ \Phi_{24}^{11}\ \Phi_{20}^{10}\ \Phi_{15}^{11}\ \Phi_{12}^{11}\ \Phi_{10}^{9}\ \Phi_{8}^{8}\ \Phi_{6}^{11}\ \Phi_{5}^{9}\ \Phi_{4}^{9}\ \Phi_{3}^{11}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
76019	1243	640	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{15}{128}$	$\frac{9}{20}$	$\Phi_{640}^{2}\ \Phi_{320}^{2}\ \Phi_{160}^{2}\ \Phi_{128}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
76020	1243	1260	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{126}$	$\frac{9}{20}$	$\Phi_{1260}^{2}\ \Phi_{420}^{2}\ \Phi_{252}^{2}\ \Phi_{180}^{2}\ \Phi_{126}\ \Phi_{84}^{2}\ \Phi_{63}\ \Phi_{60}^{2}\ \Phi_{42}\ \Phi_{36}^{2}\ \Phi_{21}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
76021	1243	1728	$\frac{1}{54}$	$\frac{53}{432}$	$\frac{485}{1728}$	$\frac{379}{864}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
76022	1243	2208	$\frac{1}{46}$	$\frac{139}{1104}$	$\frac{45}{184}$	$\frac{965}{2208}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{184}\ \Phi_{96}\ \Phi_{92}\ \Phi_{32}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
76023	1243	1260	$\frac{17}{1260}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
76024	1243	2184	$\frac{5}{156}$	$\frac{151}{1092}$	$\frac{1}{6}$	$\frac{941}{2184}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{168}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{56}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
76025	1243	2160	$\frac{1}{54}$	$\frac{163}{1080}$	$\frac{53}{216}$	$\frac{917}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
76026	1243	2160	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{163}{1080}$	$\frac{917}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
76027	1243	120	$\frac{7}{120}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{120}^{11}\ \Phi_{60}^{11}\ \Phi_{40}^{11}\ \Phi_{30}^{11}\ \Phi_{24}^{11}\ \Phi_{20}^{11}\ \Phi_{15}^{11}\ \Phi_{12}^{5}\ \Phi_{10}^{11}\ \Phi_{8}^{11}\ \Phi_{6}^{4}\ \Phi_{5}^{11}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
76028	1243	1140	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{18}{95}$	$\frac{77}{190}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}^{2}\ \Phi_{114}^{2}\ \Phi_{95}\ \Phi_{76}^{2}\ \Phi_{60}\ \Phi_{57}^{2}\ \Phi_{38}\ \Phi_{30}\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
76029	1243	1380	$\frac{1}{23}$	$\frac{137}{1380}$	$\frac{22}{115}$	$\frac{93}{230}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{115}\ \Phi_{92}\ \Phi_{69}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
76030	1243	342	$\frac{1}{114}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{342}^3\ \Phi_{171}^3\ \Phi_{114}^5\ \Phi_{57}^5\ \Phi_{38}^5\ \Phi_{19}^5\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
76031	1243	184	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{21}{92}$	$\frac{71}{184}$	$\Phi_{184}^{11}\ \Phi_{23}^{10}\ \Phi_8^{11}\ \Phi_1^{11}$
76032	1243	2016	$\frac{1}{18}$	$\frac{17}{252}$	$\frac{235}{1008}$	$\frac{773}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
76033	1243	1472	$\frac{1}{46}$	$\frac{229}{1472}$	$\frac{45}{184}$	$\frac{139}{368}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{184}\ \Phi_{92}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
76034	1243	1992	$\frac{2}{249}$	$\frac{247}{996}$	$\frac{1}{3}$	$\frac{749}{1992}$	$\Phi_{1992}\ \Phi_{664}\ \Phi_{249}\ \Phi_{83}\ \Phi_{24}\ \Phi_8\ \Phi_1$
76035	1243	912	$\frac{1}{114}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{912}^2\ \Phi_{304}^2\ \Phi_{228}^2\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{48}^2\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
76036	1243	1944	$\frac{1}{54}$	$\frac{53}{324}$	$\frac{271}{972}$	$\frac{701}{1944}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
76037	1243	1932	$\frac{1}{46}$	$\frac{45}{322}$	$\frac{277}{966}$	$\frac{689}{1932}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{322}\ \Phi_{276}\ \Phi_{161}\ \Phi_{92}\ \Phi_{84}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
76038	1243	1872	$\frac{5}{312}$	$\frac{1}{6}$	$\frac{307}{936}$	$\frac{629}{1872}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
76039	1243	1845	$\frac{13}{615}$	$\frac{2}{15}$	$\frac{602}{1845}$	$\frac{1}{3}$	$\Phi_{1845}\ \Phi_{369}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
76040	1243	345	$\frac{2}{115}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{345}^3\ \Phi_{115}^5\ \Phi_{69}^3\ \Phi_{23}^5\ \Phi_{15}^2\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
76041	1243	840	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{55}{168}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
76042	1243	1440	$\frac{5}{96}$	$\frac{197}{1440}$	$\frac{1}{6}$	$\frac{91}{288}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
76043	1243	1404	$\frac{5}{78}$	$\frac{161}{1404}$	$\frac{1}{6}$	$\frac{73}{234}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{156}\ \Phi_{108}\ \Phi_{78}\ \Phi_{54}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
76044	1243	324	$\frac{1}{12}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{162}$	$\Phi_{324}^6\ \Phi_{162}^5\ \Phi_{81}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
76045	1243	1620	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{377}{1620}$	$\frac{163}{540}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{162}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
76046	1243	1512	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{269}{1512}$	$\frac{109}{378}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
76047	1243	1728	$\frac{5}{96}$	$\frac{91}{576}$	$\frac{1}{6}$	$\frac{485}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
76048	1243	1725	$\frac{1}{23}$	$\frac{93}{575}$	$\frac{22}{115}$	$\frac{482}{1725}$	$\Phi_{1725}\ \Phi_{345}\ \Phi_{115}\ \Phi_{75}\ \Phi_{69}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1$
76049	1243	252	$\frac{1}{12}$	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{252}^6\ \Phi_{126}^5\ \Phi_{84}^6\ \Phi_{63}^5\ \Phi_{42}^5\ \Phi_{28}^6\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_7^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
76050	1243	1740	$\frac{3}{116}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}\ \Phi_{29}\ \Phi_{15}\ \Phi_3\ \Phi_1$
76051	1243	420	$\frac{1}{28}$	$\frac{27}{140}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}\ \Phi_{30}^4\ \Phi_{21}^4\ \Phi_{20}\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^4\ \Phi_5\ \Phi_3^5\ \Phi_1$
76052	1243	1785	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{51}\ \Phi_{17}\ \Phi_{15}\ \Phi_3\ \Phi_1$
76053	1243	120	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{120}^{10}\ \Phi_{60}^{10}\ \Phi_{40}^{11}\ \Phi_{30}^{10}\ \Phi_{24}^{10}\ \Phi_{20}^{11}\ \Phi_{15}^{11}\ \Phi_{12}^{10}\ \Phi_{10}^{11}\ \Phi_8^{10}\ \Phi_6^{10}\ \Phi_5^{11}\ \Phi_4^{10}\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
76054	1243	1920	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{15}\ \Phi_3\ \Phi_1$
76055	1243	630	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}\ \Phi_{126}^3\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^3\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^3\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
76056	1243	1296	$\frac{53}{1296}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
76057	1243	1656	$\frac{1}{46}$	$\frac{45}{184}$	$\frac{413}{1656}$	$\frac{139}{552}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{414}\ \Phi_{207}\ \Phi_{184}\ \Phi_{92}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
76058	1243	1632	$\frac{19}{408}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{389}{1632}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{272}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
76059	1243	1536	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{293}{1536}$	$\frac{91}{384}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
76060	1243	144	$\frac{1}{12}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{144}$	$\Phi_{144}^{11}\ \Phi_{72}^{11}\ \Phi_{48}^{11}\ \Phi_{24}^{11}\ \Phi_{16}^{11}\ \Phi_{12}^{5}\ \Phi_{8}^{11}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
76061	1243	1560	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{73}{390}$	$\frac{317}{1560}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{312}\ \Phi_{260}\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{20}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
76062	1243	1440	$\frac{5}{48}$	$\frac{197}{1440}$	$\frac{1}{6}$	$\frac{43}{240}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
76063	1244	1860	$\frac{1}{310}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{309}{620}$	$\Phi_{1860}\ \Phi_{620}^{2}\ \Phi_{372}\ \Phi_{124}^{2}\ \Phi_{60}\ \Phi_{20}^{2}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
76064	1244	3090	$\frac{2}{309}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{307}{618}$	$\Phi_{3090}\ \Phi_{1030}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
76065	1244	565	$\frac{1}{113}$	$\frac{57}{565}$	$\frac{254}{565}$	$\frac{56}{113}$	$\Phi_{565}^{2}\ \Phi_{113}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
76066	1244	2080	$\frac{1}{104}$	$\frac{1}{5}$	$\frac{105}{416}$	$\frac{103}{208}$	$\Phi_{2080}\ \Phi_{520}\ \Phi_{260}\ \Phi_{160}\ \Phi_{130}\ \Phi_{65}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
76067	1244	616	$\frac{3}{308}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{305}{616}$	$\Phi_{616}^{4}\ \Phi_{88}^{4}\ \Phi_{56}^{4}\ \Phi_{11}\ \Phi_{8}^{4}\ \Phi_{1}^{2}$
76068	1244	1848	$\frac{3}{308}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{305}{616}$	$\Phi_{1848}^{2}\ \Phi_{264}^{2}\ \Phi_{168}^{2}\ \Phi_{24}^{2}\ \Phi_{21}$
76069	1244	3080	$\frac{3}{308}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{305}{616}$	$\Phi_{3080}\ \Phi_{440}\ \Phi_{280}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
76070	1244	1068	$\frac{1}{89}$	$\frac{45}{356}$	$\frac{1}{3}$	$\frac{44}{89}$	$\Phi_{1068}^{2}\ \Phi_{534}^{2}\ \Phi_{267}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
76071	1244	3060	$\frac{5}{306}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{301}{612}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{340}\ \Phi_{180}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
76072	1244	1221	$\frac{23}{1221}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{599}{1221}$	$\Phi_{1221}\ \Phi_{407}\ \Phi_{111}\ \Phi_{37}\ \Phi_{33}^{2}\ \Phi_{11}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
76073	1244	3040	$\frac{7}{304}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{297}{608}$	$\Phi_{3040}\ \Phi_{160}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
76074	1244	418	$\frac{5}{209}$	$\frac{1}{11}$	$\frac{107}{418}$	$\frac{102}{209}$	$\Phi_{418}^{4}\ \Phi_{209}^{2}\ \Phi_{38}^{4}\ \Phi_{22}^{4}\ \Phi_{19}^{2}\ \Phi_{11}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
76075	1244	339	$\frac{3}{113}$	$\frac{28}{339}$	$\frac{29}{113}$	$\frac{55}{113}$	$\Phi_{339}^{4}\ \Phi_{113}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
76076	1244	600	$\frac{11}{300}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{289}{600}$	$\Phi_{600}^{4}\ \Phi_{200}^{4}\ \Phi_{120}^{4}\ \Phi_{60}\ \Phi_{40}^{4}\ \Phi_{30}\ \Phi_{24}^{4}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}^{4}$
76077	1244	2990	$\frac{12}{299}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{287}{598}$	$\Phi_{2990}\ \Phi_{230}\ \Phi_{130}\ \Phi_{65}\ \Phi_{10}$
76078	1244	1680	$\frac{1}{24}$	$\frac{25}{336}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
76079	1244	594	$\frac{14}{297}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{283}{594}$	$\Phi_{594}^{4}\ \Phi_{198}^{4}\ \Phi_{66}^{4}\ \Phi_{54}^{4}\ \Phi_{33}^{2}\ \Phi_{22}^{4}\ \Phi_{18}^{4}\ \Phi_{11}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
76080	1244	2880	$\frac{1}{24}$	$\frac{23}{288}$	$\frac{1}{5}$	$\frac{265}{576}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{320}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
76081	1244	2860	$\frac{1}{26}$	$\frac{25}{286}$	$\frac{1}{5}$	$\frac{261}{572}$	$\Phi_{2860}\ \Phi_{260}\ \Phi_{220}\ \Phi_{130}\ \Phi_{65}\ \Phi_{20}\ \Phi_{10}$
76082	1244	462	$\frac{3}{154}$	$\frac{1}{11}$	$\frac{151}{462}$	$\frac{5}{11}$	$\Phi_{462}^{4}\ \Phi_{231}^{4}\ \Phi_{66}^{4}\ \Phi_{42}^{4}\ \Phi_{33}^{4}\ \Phi_{21}^{4}\ \Phi_{11}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
76083	1244	319	$\frac{8}{319}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{319}^{4}\ \Phi_{29}^{4}\ \Phi_{11}\ \Phi_{1}^{2}$
76084	1244	385	$\frac{3}{77}$	$\frac{1}{11}$	$\frac{74}{385}$	$\frac{5}{11}$	$\Phi_{385}^{4}\ \Phi_{55}^{4}\ \Phi_{35}^{4}\ \Phi_{11}\ \Phi_{5}^{4}\ \Phi_{1}^{2}$
76085	1244	330	$\frac{19}{330}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{330}^{4}\ \Phi_{165}^{4}\ \Phi_{110}^{4}\ \Phi_{66}^{4}\ \Phi_{55}^{4}\ \Phi_{33}^{4}\ \Phi_{30}^{4}\ \Phi_{15}^{4}\ \Phi_{11}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
76086	1244	352	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{41}{352}$	$\frac{5}{11}$	$\Phi_{352}^{4}\ \Phi_{176}^{4}\ \Phi_{88}^{4}\ \Phi_{32}^{4}\ \Phi_{16}^{4}\ \Phi_{11}\ \Phi_{8}^{4}\ \Phi_{1}^{2}$
76087	1244	693	$\frac{6}{77}$	$\frac{1}{11}$	$\frac{71}{693}$	$\frac{5}{11}$	$\Phi_{693}^{2}\ \Phi_{231}^{2}\ \Phi_{99}^{2}\ \Phi_{63}^{2}\ \Phi_{33}^{2}\ \Phi_{21}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
76088	1244	320	$\frac{9}{320}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{320}^{4}\ \Phi_{160}^{4}\ \Phi_{80}^{3}\ \Phi_{64}^{4}\ \Phi_{40}^{4}\ \Phi_{32}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
76089	1244	2730	$\frac{1}{39}$	$\frac{38}{273}$	$\frac{1}{5}$	$\frac{235}{546}$	$\Phi_{2730}\ \Phi_{910}\ \Phi_{390}\ \Phi_{210}\ \Phi_{195}\ \Phi_{130}\ \Phi_{70}\ \Phi_{65}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
76090	1244	315	$\frac{4}{315}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{315}^{4}\ \Phi_{105}^{4}\ \Phi_{63}^{4}\ \Phi_{45}^{4}\ \Phi_{35}^{4}\ \Phi_{21}^{3}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
76091	1244	330	$\frac{19}{330}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{330}^{4}\ \Phi_{165}^{4}\ \Phi_{110}^{4}\ \Phi_{66}^{4}\ \Phi_{55}^{4}\ \Phi_{33}^{2}\ \Phi_{30}^{4}\ \Phi_{22}^{4}\ \Phi_{15}^{4}\ \Phi_{11}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
76092	1244	534	$\frac{1}{89}$	$\frac{44}{267}$	$\frac{1}{3}$	$\frac{223}{534}$	$\Phi_{534}^{4}\ \Phi_{267}\ \Phi_{178}^{4}\ \Phi_{6}^{4}\ \Phi_{2}^{4}$
76093	1244	1045	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{199}{1045}$	$\frac{423}{1045}$	$\Phi_{1045}\ \Phi_{209}^{2}\ \Phi_{95}\ \Phi_{55}\ \Phi_{19}^{2}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
76094	1244	520	$\frac{1}{52}$	$\frac{51}{260}$	$\frac{1}{5}$	$\frac{209}{520}$	$\Phi_{520}^{4}\ \Phi_{260}\ \Phi_{130}\ \Phi_{104}^{4}\ \Phi_{65}\ \Phi_{40}^{4}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}^{4}$
76095	1244	1017	$\frac{1}{113}$	$\frac{227}{1017}$	$\frac{112}{339}$	$\frac{395}{1017}$	$\Phi_{1017}\ \Phi_{339}^{2}\ \Phi_{113}\ \Phi_{9}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
76096	1244	452	$\frac{1}{113}$	$\frac{28}{113}$	$\frac{141}{452}$	$\frac{85}{226}$	$\Phi_{452}^{4}\ \Phi_{113}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
76097	1244	2340	$\frac{1}{78}$	$\frac{1}{5}$	$\frac{77}{234}$	$\frac{157}{468}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{130}\ \Phi_{65}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
76098	1244	465	$\frac{1}{155}$	$\frac{154}{465}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{465}^3\ \Phi_{155}^2\ \Phi_{93}^3\ \Phi_{31}^2\ \Phi_{15}^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
76099	1244	315	$\frac{4}{315}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}^3\ \Phi_9^4\ \Phi_7^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
76100	1244	372	$\frac{1}{62}$	$\frac{61}{372}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{372}^4\ \Phi_{186}^3\ \Phi_{124}^4\ \Phi_{93}^3\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{12}^4\ \Phi_6^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
76101	1244	960	$\frac{9}{320}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}^2\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
76102	1244	1023	$\frac{1}{31}$	$\frac{30}{341}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1023}\ \Phi_{341}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
76103	1244	801	$\frac{1}{89}$	$\frac{179}{801}$	$\frac{88}{267}$	$\frac{1}{3}$	$\Phi_{801}^2\ \Phi_{267}\ \Phi_9^2$
76104	1244	462	$\frac{3}{154}$	$\frac{1}{7}$	$\frac{151}{462}$	$\frac{1}{3}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{22}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{11}^4\ \Phi_7^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
76105	1244	966	$\frac{11}{322}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{21}$
76106	1244	1155	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{74}{385}$	$\frac{1}{3}$	$\Phi_{1155}^2\ \Phi_{165}^2\ \Phi_{105}^2\ \Phi_{21}\ \Phi_{15}^2$
76107	1244	336	$\frac{25}{336}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^4\ \Phi_{84}^2\ \Phi_{56}^4\ \Phi_{48}^4\ \Phi_{42}^2\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{16}^4\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_8^4\ \Phi_7^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
76108	1244	693	$\frac{6}{77}$	$\frac{71}{693}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{231}\ \Phi_{99}^2\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
76109	1244	360	$\frac{1}{24}$	$\frac{49}{360}$	$\frac{1}{5}$	$\frac{23}{72}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^4\ \Phi_{90}^3\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{45}^3\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
76110	1244	2280	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{145}{456}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{285}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
76111	1244	891	$\frac{1}{11}$	$\frac{28}{297}$	$\frac{5}{33}$	$\frac{269}{891}$	$\Phi_{891}^2\ \Phi_{81}^2\ \Phi_{33}^2\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
76112	1244	693	$\frac{1}{11}$	$\frac{71}{693}$	$\frac{5}{33}$	$\frac{28}{99}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^2$
76113	1244	2160	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{1}{5}$	$\frac{121}{432}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
76114	1244	1620	$\frac{13}{324}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
76115	1244	344	$\frac{3}{43}$	$\frac{33}{344}$	$\frac{10}{43}$	$\frac{1}{4}$	$\Phi_{344}^4\ \Phi_{172}^3\ \Phi_{86}^3\ \Phi_{43}^4\ \Phi_8^4\ \Phi_4^2\ \Phi_2^2\ \Phi_1^4$
76116	1244	1760	$\frac{3}{44}$	$\frac{41}{352}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
76117	1244	1680	$\frac{25}{336}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
76118	1244	1920	$\frac{1}{24}$	$\frac{73}{384}$	$\frac{1}{5}$	$\frac{23}{96}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{320}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
76119	1244	2040	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{97}{408}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{340}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
76120	1244	396	$\frac{1}{11}$	$\frac{14}{99}$	$\frac{5}{33}$	$\frac{85}{396}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{36}^4\ \Phi_{33}^2\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{11}\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^2$
76121	1244	360	$\frac{1}{12}$	$\frac{49}{360}$	$\frac{11}{60}$	$\frac{1}{5}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}\ \Phi_9^4\ \Phi_8^4$
76122	1245	496	$\frac{1}{248}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{247}{496}$	$\Phi_{496}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
76123	1245	1664	$\frac{3}{416}$	$\frac{1}{4}$	$\frac{419}{1664}$	$\frac{413}{832}$	$\Phi_{1664}\ \Phi_{416}\ \Phi_{208}\ \Phi_{128}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_1$
76124	1245	824	$\frac{3}{412}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{409}{824}$	$\Phi_{824}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
76125	1245	2464	$\frac{13}{1232}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1219}{2464}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{224}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
76126	1245	1148	$\frac{1}{82}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{81}{164}$	$\Phi_{574}^2\ \Phi_{287}^2\ \Phi_{164}\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{28}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
76127	1245	1148	$\frac{1}{82}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{81}{164}$	$\Phi_{1148}^2\ \Phi_{164}^3\ \Phi_{28}^2\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
76128	1245	492	$\frac{1}{82}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{81}{164}$	$\Phi_{492}^2\ \Phi_{246}^4\ \Phi_{164}\ \Phi_{123}^4\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{12}^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
76129	1245	1470	$\frac{4}{245}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{241}{490}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{294}\ \Phi_{245}\ \Phi_{210}\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
76130	1245	816	$\frac{7}{408}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{401}{816}$	$\Phi_{816}^3\ \Phi_{272}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
76131	1245	300	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{17}{100}$	$\frac{49}{100}$	$\Phi_{300}^4\ \Phi_{150}^6\ \Phi_{100}^2\ \Phi_{75}^6\ \Phi_{60}^4\ \Phi_{50}^3\ \Phi_{30}^6\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{15}^6\ \Phi_{12}^4\ \Phi_{10}^3\ \Phi_6^5\ \Phi_5^3\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
76132	1245	2432	$\frac{29}{1216}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1187}{2432}$	$\Phi_{2432}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
76133	1245	1296	$\frac{2}{81}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
76134	1245	1612	$\frac{12}{403}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{391}{806}$	$\Phi_{1612}\ \Phi_{403}\ \Phi_{124}\ \Phi_{52}^2\ \Phi_{31}\ \Phi_{26}\ \Phi_{13}\ \Phi_4\ \Phi_1$
76135	1245	448	$\frac{1}{32}$	$\frac{33}{448}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
76136	1245	87	$\frac{1}{29}$	$\frac{4}{87}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{87}^{14}\ \Phi_{29}^{15}\ \Phi_3^{13}\ \Phi_1^{15}$
76137	1245	112	$\frac{1}{28}$	$\frac{1}{16}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{112}^{11}\ \Phi_{56}^{12}\ \Phi_{28}^{11}\ \Phi_{16}^{10}\ \Phi_{14}^{11}\ \Phi_8^{11}\ \Phi_7^{11}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
76138	1245	160	$\frac{3}{80}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{160}^{15}\ \Phi_{32}^{15}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
76139	1245	480	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{77}{160}$	$\Phi_{480}^6\ \Phi_{160}^3\ \Phi_{96}^6\ \Phi_{32}^3\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
76140	1245	2392	$\frac{49}{1196}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{1147}{2392}$	$\Phi_{2392}\ \Phi_{184}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
76141	1245	156	$\frac{1}{26}$	$\frac{5}{78}$	$\frac{1}{4}$	$\frac{73}{156}$	$\Phi_{156}^5\ \Phi_{78}^{10}\ \Phi_{52}^7\ \Phi_{39}^{10}\ \Phi_{26}^{11}\ \Phi_{13}^{11}\ \Phi_{12}^5\ \Phi_6^{10}\ \Phi_4^6\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
76142	1245	624	$\frac{1}{16}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{73}{156}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{48}^4\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}^4\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
76143	1245	3444	$\frac{1}{41}$	$\frac{1}{14}$	$\frac{40}{123}$	$\frac{13}{28}$	$\Phi_{3444}\ \Phi_{492}\ \Phi_{123}\ \Phi_{84}\ \Phi_{28}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
76144	1245	1232	$\frac{1}{16}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{154}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{176}\ \Phi_{112}^2\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}^2\ \Phi_{44}\ \Phi_{28}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_{11}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
76145	1245	768	$\frac{1}{32}$	$\frac{31}{384}$	$\frac{1}{4}$	$\frac{353}{768}$	$\Phi_{768}^3\ \Phi_{256}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
76146	1245	96	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{11}{24}$	$\Phi_{96}^{15}\ \Phi_{48}^{11}\ \Phi_{32}^{15}\ \Phi_{24}^{12}\ \Phi_{16}^{10}\ \Phi_{12}^{11}\ \Phi_8^{11}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
76147	1245	2288	$\frac{3}{104}$	$\frac{101}{1144}$	$\frac{1}{4}$	$\frac{1043}{2288}$	$\Phi_{2288}\ \Phi_{208}\ \Phi_{176}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_1$
76148	1245	256	$\frac{7}{256}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{256}^5\ \Phi_{128}^5\ \Phi_{64}^4\ \Phi_{32}^5\ \Phi_{16}^5\ \Phi_8^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
76149	1245	780	$\frac{11}{260}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
76150	1245	150	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{1}{6}$	$\frac{67}{150}$	$\Phi_{150}^7\ \Phi_{75}^{10}\ \Phi_{50}^7\ \Phi_{30}^7\ \Phi_{25}^9\ \Phi_{15}^{10}\ \Phi_{10}^7\ \Phi_6^6\ \Phi_5^9\ \Phi_3^9\ \Phi_2^6\ \Phi_1^9$
76151	1245	728	$\frac{1}{52}$	$\frac{51}{364}$	$\frac{1}{4}$	$\frac{313}{728}$	$\Phi_{728}^3\ \Phi_{104}^3\ \Phi_{56}^3\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
76152	1245	144	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{144}$	$\Phi_{144}^7\ \Phi_{72}^8\ \Phi_{48}^{11}\ \Phi_{36}^8\ \Phi_{24}^{12}\ \Phi_{18}^8\ \Phi_{16}^{10}\ \Phi_{12}^{11}\ \Phi_9^8\ \Phi_8^{11}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
76153	1245	560	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{57}{140}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}\ \Phi_{112}^4\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{56}^4\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
76154	1245	311	$\frac{6}{311}$	$\frac{61}{311}$	$\frac{62}{311}$	$\frac{125}{311}$	$\Phi_{311}^4\ \Phi_1^5$
76155	1245	416	$\frac{3}{208}$	$\frac{41}{208}$	$\frac{1}{4}$	$\frac{167}{416}$	$\Phi_{416}^5\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}^5\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_1$
76156	1245	1200	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{49}{200}$	$\frac{151}{400}$	$\Phi_{1200}^2\ \Phi_{400}\ \Phi_{240}^2\ \Phi_{150}^2\ \Phi_{80}\ \Phi_{75}^2\ \Phi_{50}\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
76157	1245	248	$\frac{1}{124}$	$\frac{1}{4}$	$\frac{41}{124}$	$\frac{3}{8}$	$\Phi_{248}^8\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
76158	1245	168	$\frac{1}{84}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^{12}\ \Phi_{84}^3\ \Phi_{56}^{12}\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{24}^{12}\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_8^9\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
76159	1245	1240	$\frac{1}{62}$	$\frac{61}{310}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1240}^2\ \Phi_{310}\ \Phi_{155}\ \Phi_{40}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
76160	1245	496	$\frac{5}{248}$	$\frac{81}{496}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{496}^3\ \Phi_{248}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
76161	1245	256	$\frac{7}{256}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{256}^5\ \Phi_{128}^5\ \Phi_{64}^5\ \Phi_{32}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
76162	1245	744	$\frac{1}{31}$	$\frac{10}{93}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{744}^3\ \Phi_{248}^2\ \Phi_{93}^3\ \Phi_{31}^2\ \Phi_{24}^3\ \Phi_8^3\ \Phi_3^3\ \Phi_1^3$
76163	1245	176	$\frac{5}{88}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{176}^8\ \Phi_{88}^7\ \Phi_{44}^7\ \Phi_{22}^7\ \Phi_{16}^3\ \Phi_{11}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
76164	1245	1008	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{1008}\ \Phi_{504}\ \Phi_{336}^2\ \Phi_{252}\ \Phi_{168}^2\ \Phi_{144}\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
76165	1245	624	$\frac{1}{104}$	$\frac{1}{4}$	$\frac{103}{312}$	$\frac{209}{624}$	$\Phi_{624}^3\ \Phi_{208}^3\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{48}^3\ \Phi_{26}^3\ \Phi_{16}^3\ \Phi_{13}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
76166	1245	87	$\frac{4}{87}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{87}^{14}\ \Phi_{29}^{15}\ \Phi_3^{13}\ \Phi_1^{15}$
76167	1245	432	$\frac{1}{16}$	$\frac{2}{27}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{108}^2\ \Phi_{72}^3\ \Phi_{54}^2\ \Phi_{48}^4\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{24}^4\ \Phi_{18}^2\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
76168	1245	720	$\frac{1}{16}$	$\frac{7}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}\ \Phi_{120}^2\ \Phi_{90}\ \Phi_{80}^2\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
76169	1245	861	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{40}{123}$	$\Phi_{861}^2\ \Phi_{123}^3\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
76170	1245	492	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{40}{123}$	$\Phi_{492}^3\ \Phi_{246}\ \Phi_{164}^4\ \Phi_{123}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{12}^5\ \Phi_6^2\ \Phi_4^5\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
76171	1245	96	$\frac{1}{32}$	$\frac{13}{96}$	$\frac{1}{4}$	$\frac{31}{96}$	$\Phi_{96}^{12}\ \Phi_{48}^{12}\ \Phi_{32}^{15}\ \Phi_{24}^{12}\ \Phi_{16}^{15}\ \Phi_{12}^{12}\ \Phi_8^{15}\ \Phi_6^{12}\ \Phi_4^{14}\ \Phi_3^{12}\ \Phi_2^{14}\ \Phi_1^{15}$
76172	1245	468	$\frac{1}{26}$	$\frac{53}{468}$	$\frac{1}{4}$	$\frac{25}{78}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{156}\ \Phi_{117}^3\ \Phi_{78}^2\ \Phi_{52}^3\ \Phi_{39}^2\ \Phi_{36}^3\ \Phi_{26}^3\ \Phi_{18}^3\ \Phi_{13}^3\ \Phi_{12}\ \Phi_9^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
76173	1245	300	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{17}{100}$	$\frac{8}{25}$	$\Phi_{300}^6\ \Phi_{150}^4\ \Phi_{100}^3\ \Phi_{75}^4\ \Phi_{60}^6\ \Phi_{50}\ \Phi_{30}^4\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{12}^6\ \Phi_{10}\ \Phi_6^3\ \Phi_5^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
76174	1245	608	$\frac{29}{608}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{193}{608}$	$\Phi_{608}^2\ \Phi_{304}^2\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{32}^3\ \Phi_{19}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
76175	1245	240	$\frac{1}{16}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{240}^8\ \Phi_{120}^7\ \Phi_{60}^7\ \Phi_{48}^8\ \Phi_{30}^7\ \Phi_{24}^7\ \Phi_{16}^3\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_8^3\ \Phi_6^7\ \Phi_4^2\ \Phi_3^7\ \Phi_2^2\ \Phi_1^3$
76176	1245	120	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{37}{120}$	$\Phi_{120}^9\ \Phi_{60}^9\ \Phi_{40}^{12}\ \Phi_{30}^{11}\ \Phi_{24}^9\ \Phi_{20}^{12}\ \Phi_{15}^{11}\ \Phi_{12}^9\ \Phi_{10}^{13}\ \Phi_8^{12}\ \Phi_6^{10}\ \Phi_5^{13}\ \Phi_4^{12}\ \Phi_3^{10}\ \Phi_2^{12}\ \Phi_1^{13}$
76177	1245	432	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{48}^4\ \Phi_{27}^3\ \Phi_{24}^4\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
76178	1245	90	$\frac{7}{90}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{90}^{15}\ \Phi_{45}^{15}\ \Phi_{30}^{11}\ \Phi_{18}^{15}\ \Phi_{15}^{11}\ \Phi_{10}^{13}\ \Phi_9^{15}\ \Phi_6^{10}\ \Phi_5^{13}\ \Phi_3^{10}\ \Phi_2^{12}\ \Phi_1^{13}$
76179	1245	432	$\frac{17}{432}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
76180	1245	576	$\frac{1}{32}$	$\frac{31}{192}$	$\frac{1}{4}$	$\frac{161}{576}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{144}^3\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
76181	1245	512	$\frac{1}{32}$	$\frac{97}{512}$	$\frac{31}{128}$	$\frac{1}{4}$	$\Phi_{512}^3\ \Phi_{256}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
76182	1245	544	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{129}{544}$	$\frac{1}{4}$	$\Phi_{544}^3\ \Phi_{272}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
76183	1245	104	$\frac{1}{26}$	$\frac{5}{26}$	$\frac{21}{104}$	$\frac{1}{4}$	$\Phi_{104}^{15}\ \Phi_{52}^7\ \Phi_{26}^{11}\ \Phi_{13}^{11}\ \Phi_8^{15}\ \Phi_4^6\ \Phi_2^{10}\ \Phi_1^{11}$
76184	1245	96	$\frac{1}{16}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{96}^{15}\ \Phi_{48}^{15}\ \Phi_{32}^{15}\ \Phi_{24}^{15}\ \Phi_{16}^3\ \Phi_{12}^{15}\ \Phi_8^3\ \Phi_6^{15}\ \Phi_4^2\ \Phi_3^{15}\ \Phi_2^2\ \Phi_1^3$
76185	1245	448	$\frac{33}{448}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}^2\ \Phi_{64}^3\ \Phi_{56}^2\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
76186	1245	1408	$\frac{13}{176}$	$\frac{163}{1408}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
76187	1245	400	$\frac{1}{16}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{400}^4\ \Phi_{200}^4\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
76188	1245	840	$\frac{1}{10}$	$\frac{31}{280}$	$\frac{1}{6}$	$\frac{9}{40}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
76189	1245	960	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{6}$	$\frac{71}{320}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}\ \Phi_{192}^2\ \Phi_{160}\ \Phi_{96}^2\ \Phi_{64}\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
76190	1245	840	$\frac{31}{280}$	$\frac{4}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
76191	1245	300	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{17}{100}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^3\ \Phi_{75}^6\ \Phi_{50}^3\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
76192	1246	1242	$\frac{2}{621}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{619}{1242}$	$\Phi_{1242}^2\ \Phi_{414}^2\ \Phi_{138}^2\ \Phi_{54}^2\ \Phi_{46}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76193	1246	996	$\frac{1}{249}$	$\frac{125}{498}$	$\frac{373}{996}$	$\frac{124}{249}$	$\Phi_{996}^2\ \Phi_{332}^2\ \Phi_{249}\ \Phi_{83}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
76194	1246	2496	$\frac{1}{208}$	$\frac{209}{832}$	$\frac{1}{3}$	$\frac{207}{416}$	$\Phi_{2496}\ \Phi_{624}\ \Phi_{312}\ \Phi_{192}\ \Phi_{156}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
76195	1246	1240	$\frac{3}{620}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{617}{1240}$	$\Phi_{1240}^2\ \Phi_{248}^2\ \Phi_{40}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
76196	1246	3720	$\frac{3}{620}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{617}{1240}$	$\Phi_{3720}\ \Phi_{744}\ \Phi_{120}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
76197	1246	708	$\frac{1}{177}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{88}{177}$	$\Phi_{708}^3\ \Phi_{236}^3\ \Phi_{177}\ \Phi_{59}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
76198	1246	531	$\frac{1}{177}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{88}{177}$	$\Phi_{531}^3\ \Phi_{177}\ \Phi_{59}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
76199	1246	1236	$\frac{5}{618}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{613}{1236}$	$\Phi_{1236}^2\ \Phi_{412}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76200	1246	2288	$\frac{1}{88}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{87}{176}$	$\Phi_{2288}\ \Phi_{208}\ \Phi_{176}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_1^2$
76201	1246	528	$\frac{1}{88}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{87}{176}$	$\Phi_{528}^7\ \Phi_{48}^7\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
76202	1246	166	$\frac{1}{83}$	$\frac{6}{83}$	$\frac{77}{166}$	$\frac{41}{83}$	$\Phi_{166}^{14}\ \Phi_{83}\ \Phi_2^{14}\ \Phi_1^2$
76203	1246	1230	$\frac{8}{615}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{607}{1230}$	$\Phi_{1230}^2\ \Phi_{410}^2\ \Phi_{246}^2\ \Phi_{82}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76204	1246	750	$\frac{2}{125}$	$\frac{127}{750}$	$\frac{1}{5}$	$\frac{123}{250}$	$\Phi_{750}^2\ \Phi_{375}^2\ \Phi_{150}^2\ \Phi_{125}^2\ \Phi_{75}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
76205	1246	175	$\frac{3}{175}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{86}{175}$	$\Phi_{175}^7\ \Phi_{35}^7\ \Phi_{25}^8\ \Phi_7^7\ \Phi_5^7\ \Phi_1^8$
76206	1246	1224	$\frac{11}{612}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{601}{1224}$	$\Phi_{1224}^2\ \Phi_{408}^2\ \Phi_{136}^2\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76207	1246	3666	$\frac{12}{611}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{599}{1222}$	$\Phi_{3666}\ \Phi_{282}\ \Phi_{78}\ \Phi_{39}\ \Phi_6$
76208	1246	96	$\frac{1}{48}$	$\frac{7}{96}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{96}^{12}\ \Phi_{48}^{14}\ \Phi_{32}^{12}\ \Phi_{24}^{14}\ \Phi_{16}^{14}\ \Phi_{12}^{14}\ \Phi_8^{14}\ \Phi_6^{14}\ \Phi_4^{14}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
76209	1246	870	$\frac{2}{87}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{870}^3\ \Phi_{290}^3\ \Phi_{174}^2\ \Phi_{58}^2\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76210	1246	3648	$\frac{15}{608}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{593}{1216}$	$\Phi_{3648}\ \Phi_{192}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
76211	1246	1215	$\frac{31}{1215}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{592}{1215}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}^2\ \Phi_{27}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
76212	1246	1209	$\frac{37}{1209}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{586}{1209}$	$\Phi_{1209}\ \Phi_{403}\ \Phi_{93}\ \Phi_{39}^2\ \Phi_{31}\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
76213	1246	120	$\frac{1}{30}$	$\frac{1}{15}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{120}^{14}\ \Phi_{40}^{14}\ \Phi_{30}^{14}\ \Phi_{24}^{14}\ \Phi_{15}^{13}\ \Phi_{10}^{14}\ \Phi_8^{14}\ \Phi_6^{14}\ \Phi_5^{13}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
76214	1246	1200	$\frac{23}{600}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{577}{1200}$	$\Phi_{1200}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76215	1246	1200	$\frac{23}{600}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{577}{1200}$	$\Phi_{1200}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76216	1246	1200	$\frac{23}{600}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{577}{1200}$	$\Phi_{1200}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{25}^2\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
76217	1246	3588	$\frac{1}{26}$	$\frac{25}{598}$	$\frac{1}{3}$	$\frac{573}{1196}$	$\Phi_{3588}\ \Phi_{276}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
76218	1246	510	$\frac{4}{85}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{81}{170}$	$\Phi_{510}^5\ \Phi_{170}^4\ \Phi_{102}^5\ \Phi_{34}^4\ \Phi_{30}^5\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
76219	1246	540	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{135}^3\ \Phi_{108}^2\ \Phi_{90}^3\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{30}^3\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76220	1246	840	$\frac{5}{84}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{79}{168}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{168}^2\ \Phi_{120}^3\ \Phi_{56}^2\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76221	1246	1920	$\frac{17}{640}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
76222	1246	1170	$\frac{1}{39}$	$\frac{38}{585}$	$\frac{1}{3}$	$\frac{547}{1170}$	$\Phi_{1170}^2\ \Phi_{390}^2\ \Phi_{234}^2\ \Phi_{130}^2\ \Phi_{90}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76223	1246	1170	$\frac{38}{585}$	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{547}{1170}$	$\Phi_{1170}^2\ \Phi_{390}^2\ \Phi_{234}^2\ \Phi_{130}^2\ \Phi_{90}^2\ \Phi_{78}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76224	1246	166	$\frac{5}{83}$	$\frac{6}{83}$	$\frac{13}{83}$	$\frac{77}{166}$	$\Phi_{166}^{14}\ \Phi_{83}\ \Phi_2^{14}\ \Phi_1^2$
76225	1246	1716	$\frac{1}{44}$	$\frac{1}{13}$	$\frac{43}{132}$	$\frac{6}{13}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{429}\ \Phi_{156}\ \Phi_{132}^2\ \Phi_{78}\ \Phi_{66}^2\ \Phi_{39}\ \Phi_{33}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
76226	1246	1196	$\frac{3}{92}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{1196}\ \Phi_{598}\ \Phi_{299}\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{13}\ \Phi_1^2$
76227	1246	1430	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{21}{110}$	$\frac{6}{13}$	$\Phi_{1430}\ \Phi_{715}\ \Phi_{130}\ \Phi_{110}^2\ \Phi_{65}\ \Phi_{55}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
76228	1246	1248	$\frac{7}{96}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{6}{13}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{96}^2\ \Phi_{78}\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
76229	1246	1287	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{6}{13}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{117}\ \Phi_{99}^2\ \Phi_{39}\ \Phi_{33}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
76230	1246	720	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{97}{720}$	$\frac{83}{180}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76231	1246	165	$\frac{1}{15}$	$\frac{13}{165}$	$\frac{2}{15}$	$\frac{76}{165}$	$\Phi_{165}^7\ \Phi_{55}^7\ \Phi_{33}^7\ \Phi_{15}^{13}\ \Phi_{11}^7\ \Phi_5^{13}\ \Phi_3^{13}\ \Phi_1^{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
76232	1246	650	$\frac{27}{650}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{650}^2\ \Phi_{325}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{26}^2\ \Phi_{25}^2\ \Phi_{13}^2\ \Phi_5\ \Phi_1^2$
76233	1246	1152	$\frac{1}{48}$	$\frac{47}{576}$	$\frac{1}{3}$	$\frac{529}{1152}$	$\Phi_{1152}^2\ \Phi_{384}^2\ \Phi_{128}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76234	1246	3432	$\frac{1}{52}$	$\frac{51}{572}$	$\frac{1}{3}$	$\frac{521}{1144}$	$\Phi_{3432}\ \Phi_{312}\ \Phi_{264}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
76235	1246	810	$\frac{1}{15}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{162}$	$\Phi_{810}^3\ \Phi_{270}^3\ \Phi_{162}^2\ \Phi_{90}^3\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{30}^3\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76236	1246	300	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{9}{20}$	$\Phi_{300}^5\ \Phi_{150}^5\ \Phi_{100}^4\ \Phi_{75}^5\ \Phi_{50}^4\ \Phi_{30}^5\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
76237	1246	1125	$\frac{4}{125}$	$\frac{121}{1125}$	$\frac{1}{5}$	$\frac{502}{1125}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{225}\ \Phi_{125}^2\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
76238	1246	480	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{160}$	$\Phi_{480}^5\ \Phi_{160}^4\ \Phi_{96}^5\ \Phi_{32}^4\ \Phi_{30}^5\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
76239	1246	156	$\frac{1}{78}$	$\frac{11}{78}$	$\frac{1}{3}$	$\frac{67}{156}$	$\Phi_{156}^{14}\ \Phi_{78}^2\ \Phi_{52}^{14}\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{12}^{14}\ \Phi_6^2\ \Phi_4^{14}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76240	1246	1080	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{83}{540}$	$\frac{457}{1080}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76241	1246	180	$\frac{1}{90}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{180}^{12}\ \Phi_{90}^2\ \Phi_{60}^{12}\ \Phi_{45}^2\ \Phi_{36}^{12}\ \Phi_{30}^2\ \Phi_{20}^{12}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^{10}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76242	1246	708	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{29}{118}$	$\frac{5}{12}$	$\Phi_{708}^3\ \Phi_{236}^3\ \Phi_{118}^2\ \Phi_{59}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
76243	1246	480	$\frac{1}{15}$	$\frac{7}{96}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^2\ \Phi_{80}^3\ \Phi_{48}^2\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76244	1246	150	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{61}{150}$	$\Phi_{150}^{14}\ \Phi_{50}^{14}\ \Phi_{30}^{14}\ \Phi_{15}^{13}\ \Phi_{10}^{14}\ \Phi_6^{14}\ \Phi_5^{13}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
76245	1246	3120	$\frac{1}{104}$	$\frac{103}{520}$	$\frac{1}{3}$	$\frac{417}{1040}$	$\Phi_{3120}\ \Phi_{624}\ \Phi_{312}\ \Phi_{240}\ \Phi_{156}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
76246	1246	930	$\frac{3}{310}$	$\frac{1}{5}$	$\frac{307}{930}$	$\frac{2}{5}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
76247	1246	90	$\frac{1}{90}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{90}^{14}\ \Phi_{45}^{14}\ \Phi_{30}^{14}\ \Phi_{18}^{14}\ \Phi_{15}^{14}\ \Phi_{10}^{12}\ \Phi_9^{14}\ \Phi_6^{14}\ \Phi_5^{13}\ \Phi_3^{14}\ \Phi_2^{12}\ \Phi_1^{14}$
76248	1246	775	$\frac{3}{155}$	$\frac{152}{775}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{775}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
76249	1246	640	$\frac{17}{640}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{640}^2\ \Phi_{320}^2\ \Phi_{160}^2\ \Phi_{128}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
76250	1246	660	$\frac{37}{660}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76251	1246	720	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{17}{72}$	$\frac{55}{144}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{144}^2\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{48}^2\ \Phi_{45}^3\ \Phi_{30}^3\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76252	1246	1000	$\frac{2}{125}$	$\frac{1}{5}$	$\frac{123}{500}$	$\frac{377}{1000}$	$\Phi_{1000}^2\ \Phi_{200}^2\ \Phi_{125}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
76253	1246	996	$\frac{1}{83}$	$\frac{41}{166}$	$\frac{125}{498}$	$\frac{373}{996}$	$\Phi_{996}^2\ \Phi_{332}^2\ \Phi_{166}^2\ \Phi_{83}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
76254	1246	135	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{43}{135}$	$\frac{46}{135}$	$\Phi_{135}^7\ \Phi_{45}^{14}\ \Phi_{27}^7\ \Phi_{15}^{13}\ \Phi_9^{14}\ \Phi_5^{13}\ \Phi_3^{13}\ \Phi_1^{14}$
76255	1246	936	$\frac{1}{156}$	$\frac{155}{468}$	$\frac{1}{3}$	$\frac{313}{936}$	$\Phi_{936}^2\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76256	1246	828	$\frac{2}{207}$	$\frac{205}{828}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76257	1246	90	$\frac{1}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{90}^{14}\ \Phi_{45}^{14}\ \Phi_{30}^{14}\ \Phi_{18}^{14}\ \Phi_{15}^{14}\ \Phi_{10}^{14}\ \Phi_9^{12}\ \Phi_6^{14}\ \Phi_5^{14}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
76258	1246	690	$\frac{2}{69}$	$\frac{67}{690}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{115}^2\ \Phi_{46}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76259	1246	648	$\frac{25}{648}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76260	1246	531	$\frac{2}{177}$	$\frac{2}{9}$	$\frac{175}{531}$	$\frac{1}{3}$	$\Phi_{531}^2\ \Phi_{177}^3\ \Phi_{59}^3\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
76261	1246	720	$\frac{1}{48}$	$\frac{97}{720}$	$\frac{47}{144}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76262	1246	264	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{43}{132}$	$\frac{1}{3}$	$\Phi_{264}^4\ \Phi_{132}^3\ \Phi_{88}^8\ \Phi_{66}^3\ \Phi_{44}^6\ \Phi_{33}^3\ \Phi_{24}^5\ \Phi_{22}^6\ \Phi_{12}^4\ \Phi_{11}^6\ \Phi_8^8\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
76263	1246	702	$\frac{1}{39}$	$\frac{79}{702}$	$\frac{38}{117}$	$\frac{1}{3}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{234}^2\ \Phi_{78}^2\ \Phi_{54}^2\ \Phi_{39}^2\ \Phi_{27}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
76264	1246	912	$\frac{15}{304}$	$\frac{1}{16}$	$\frac{289}{912}$	$\frac{1}{3}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}^2\ \Phi_{228}\ \Phi_{152}^2\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{48}^2\ \Phi_{38}^2\ \Phi_{24}^2\ \Phi_{19}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76265	1246	648	$\frac{25}{648}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76266	1246	864	$\frac{1}{48}$	$\frac{47}{288}$	$\frac{241}{864}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76267	1246	744	$\frac{3}{124}$	$\frac{121}{744}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{744}^2\ \Phi_{372}\ \Phi_{248}^2\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76268	1246	1920	$\frac{17}{640}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
76269	1246	552	$\frac{3}{92}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{552}^4\ \Phi_{276}^3\ \Phi_{138}^3\ \Phi_{69}^3\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
76270	1246	1062	$\frac{1}{59}$	$\frac{2}{9}$	$\frac{29}{118}$	$\frac{1}{3}$	$\Phi_{1062}^2\ \Phi_{531}\ \Phi_{118}^2\ \Phi_{59}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
76271	1246	768	$\frac{1}{48}$	$\frac{145}{768}$	$\frac{47}{192}$	$\frac{1}{3}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}^2\ \Phi_{128}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76272	1246	816	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{193}{816}$	$\frac{1}{3}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^2\ \Phi_{136}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76273	1246	780	$\frac{1}{39}$	$\frac{38}{195}$	$\frac{157}{780}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76274	1246	720	$\frac{1}{24}$	$\frac{97}{720}$	$\frac{23}{120}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76275	1246	1320	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{21}{110}$	$\frac{1}{3}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{330}\ \Phi_{165}\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
76276	1246	96	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{96}^{14}\ \Phi_{48}^{14}\ \Phi_{32}^{14}\ \Phi_{24}^8\ \Phi_{16}^{14}\ \Phi_{12}^8\ \Phi_8^{14}\ \Phi_6^8\ \Phi_4^{14}\ \Phi_3^7\ \Phi_2^{14}\ \Phi_1^{14}$
76277	1246	2112	$\frac{7}{88}$	$\frac{81}{704}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
76278	1246	792	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
76279	1246	750	$\frac{4}{125}$	$\frac{127}{750}$	$\frac{1}{5}$	$\frac{121}{375}$	$\Phi_{750}^2\ \Phi_{375}\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{125}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76280	1246	810	$\frac{1}{15}$	$\frac{31}{405}$	$\frac{187}{810}$	$\frac{14}{45}$	$\Phi_{810}^2\ \Phi_{405}\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}\ \Phi_{90}^2\ \Phi_{81}\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76281	1246	675	$\frac{1}{15}$	$\frac{52}{675}$	$\frac{31}{135}$	$\frac{14}{45}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{27}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
76282	1246	900	$\frac{1}{15}$	$\frac{23}{300}$	$\frac{7}{30}$	$\frac{277}{900}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76283	1246	900	$\frac{23}{300}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{277}{900}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
76284	1246	810	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{187}{810}$	$\frac{83}{270}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{162}^2\ \Phi_{90}^2\ \Phi_{81}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76285	1246	675	$\frac{52}{675}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{75}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{25}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
76286	1246	540	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{108}^2\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76287	1246	630	$\frac{1}{15}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{126}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{126}^2\ \Phi_{90}^3\ \Phi_{63}^2\ \Phi_{45}^3\ \Phi_{30}^3\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76288	1246	120	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{120}^9\ \Phi_{60}^9\ \Phi_{40}^{10}\ \Phi_{30}^{14}\ \Phi_{24}^9\ \Phi_{20}^{10}\ \Phi_{15}^{13}\ \Phi_{12}^9\ \Phi_{10}^{14}\ \Phi_8^{10}\ \Phi_6^{14}\ \Phi_5^{13}\ \Phi_4^{10}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
76289	1246	720	$\frac{1}{15}$	$\frac{97}{720}$	$\frac{23}{120}$	$\frac{7}{30}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76290	1246	750	$\frac{1}{15}$	$\frac{23}{150}$	$\frac{127}{750}$	$\frac{7}{30}$	$\Phi_{750}^2\ \Phi_{375}^2\ \Phi_{250}^2\ \Phi_{125}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76291	1246	100	$\frac{2}{25}$	$\frac{11}{100}$	$\frac{1}{5}$	$\frac{23}{100}$	$\Phi_{100}^{12}\ \Phi_{50}^{12}\ \Phi_{25}^{14}\ \Phi_{20}^{12}\ \Phi_{10}^{12}\ \Phi_5^{13}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{14}$
76292	1246	800	$\frac{2}{25}$	$\frac{23}{200}$	$\frac{1}{5}$	$\frac{177}{800}$	$\Phi_{800}^2\ \Phi_{400}^2\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{32}^2\ \Phi_{25}^2\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
76293	1246	750	$\frac{2}{25}$	$\frac{23}{150}$	$\frac{127}{750}$	$\frac{1}{5}$	$\Phi_{750}^2\ \Phi_{375}^2\ \Phi_{250}^2\ \Phi_{125}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
76294	1246	100	$\frac{11}{100}$	$\frac{3}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{100}^{14}\ \Phi_{50}^{14}\ \Phi_{25}^8\ \Phi_{20}^{14}\ \Phi_{10}^{14}\ \Phi_5^7\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
76295	1247	2136	$\frac{1}{178}$	$\frac{179}{1068}$	$\frac{889}{2136}$	$\frac{177}{356}$	$\Phi_{2136}\ \Phi_{712}\ \Phi_{356}\ \Phi_{24}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
76296	1247	2464	$\frac{15}{1232}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{1217}{2464}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{224}\ \Phi_{32}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
76297	1247	168	$\frac{1}{42}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{41}{84}$	$\Phi_{168}^{14}\ \Phi_{84}\ \Phi_{56}^{15}\ \Phi_{28}\ \Phi_{24}^{14}\ \Phi_{12}\ \Phi_{8}^{15}\ \Phi_{4}\ \Phi_{1}$
76298	1247	84	$\frac{1}{42}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{41}{84}$	$\Phi_{84}^{29}\ \Phi_{42}\ \Phi_{28}^{29}\ \Phi_{21}\ \Phi_{12}^{29}\ \Phi_{6}\ \Phi_{4}^{29}\ \Phi_{3}\ \Phi_{1}$
76299	1247	672	$\frac{1}{42}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{41}{84}$	$\Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{224}^{2}\ \Phi_{168}^{2}\ \Phi_{112}^{2}\ \Phi_{96}^{2}\ \Phi_{84}\ \Phi_{56}^{2}\ \Phi_{48}^{2}\ \Phi_{32}^{3}\ \Phi_{28}\ \Phi_{24}^{2}\ \Phi_{16}^{3}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
76300	1247	420	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{41}{84}$	$\Phi_{420}^{7}\ \Phi_{140}^{7}\ \Phi_{84}\ \Phi_{60}^{7}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}^{7}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
76301	1247	1680	$\frac{13}{420}$	$\frac{1}{14}$	$\frac{433}{1680}$	$\frac{407}{840}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
76302	1247	2520	$\frac{1}{28}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{120}\ \Phi_{72}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
76303	1247	504	$\frac{1}{28}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{27}{56}$	$\Phi_{504}^{7}\ \Phi_{72}^{7}\ \Phi_{63}\ \Phi_{56}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
76304	1247	56	$\frac{1}{28}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{27}{56}$	$\Phi_{56}^{16}\ \Phi_{28}^{29}\ \Phi_{14}^{28}\ \Phi_{8}^{16}\ \Phi_{7}^{28}\ \Phi_{4}^{29}\ \Phi_{2}^{28}\ \Phi_{1}^{29}$
76305	1247	336	$\frac{1}{28}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{27}{56}$	$\Phi_{336}^{4}\ \Phi_{168}^{2}\ \Phi_{112}^{4}\ \Phi_{84}^{4}\ \Phi_{56}^{3}\ \Phi_{48}^{5}\ \Phi_{42}^{4}\ \Phi_{28}^{4}\ \Phi_{24}^{3}\ \Phi_{21}^{4}\ \Phi_{16}^{5}\ \Phi_{14}^{4}\ \Phi_{12}^{5}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
76306	1247	392	$\frac{1}{28}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{27}{56}$	$\Phi_{392}^{7}\ \Phi_{56}\ \Phi_{49}\ \Phi_{8}\ \Phi_{1}$
76307	1247	2380	$\frac{57}{1190}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1133}{2380}$	$\Phi_{2380}\ \Phi_{476}\ \Phi_{340}\ \Phi_{140}\ \Phi_{70}\ \Phi_{68}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
76308	1247	1512	$\frac{13}{252}$	$\frac{1}{14}$	$\frac{265}{1512}$	$\frac{239}{504}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
76309	1247	2352	$\frac{71}{1176}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1105}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
76310	1247	1848	$\frac{15}{616}$	$\frac{1}{14}$	$\frac{601}{1848}$	$\frac{13}{28}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
76311	1247	1288	$\frac{41}{1288}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{322}\ \Phi_{184}\ \Phi_{161}\ \Phi_{92}\ \Phi_{46}\ \Phi_{28}\ \Phi_{23}\ \Phi_{4}\ \Phi_{1}$
76312	1247	1540	$\frac{15}{308}$	$\frac{1}{14}$	$\frac{293}{1540}$	$\frac{13}{28}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{220}\ \Phi_{140}\ \Phi_{110}\ \Phi_{70}\ \Phi_{55}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
76313	1247	1344	$\frac{1}{14}$	$\frac{97}{1344}$	$\frac{15}{112}$	$\frac{13}{28}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
76314	1247	1188	$\frac{1}{44}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}^{2}\ \Phi_{108}\ \Phi_{99}\ \Phi_{66}^{2}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}^{2}\ \Phi_{27}\ \Phi_{22}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
76315	1247	240	$\frac{1}{30}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{240}^{10}\ \Phi_{80}^{9}\ \Phi_{60}^{2}\ \Phi_{48}^{10}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{16}^{9}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
76316	1247	1400	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{153}{1400}$	$\frac{127}{280}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{200}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
76317	1247	2268	$\frac{1}{14}$	$\frac{113}{1134}$	$\frac{13}{126}$	$\frac{1021}{2268}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{324}\ \Phi_{252}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
76318	1247	440	$\frac{1}{44}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{440}^{4}\ \Phi_{220}^{2}\ \Phi_{110}^{2}\ \Phi_{88}^{4}\ \Phi_{55}^{2}\ \Phi_{44}\ \Phi_{40}^{3}\ \Phi_{22}\ \Phi_{20}^{2}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
76319	1247	2240	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{127}{1120}$	$\frac{993}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{140}\ \Phi_{70}\ \Phi_{64}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
76320	1247	1344	$\frac{1}{14}$	$\frac{97}{1344}$	$\frac{13}{84}$	$\frac{71}{168}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
76321	1247	1100	$\frac{1}{44}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{220}^{2}\ \Phi_{110}^{2}\ \Phi_{100}\ \Phi_{55}^{2}\ \Phi_{44}\ \Phi_{25}\ \Phi_{22}\ \Phi_{20}^{2}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
76322	1247	396	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{396}^{4}\ \Phi_{198}^{4}\ \Phi_{132}^{2}\ \Phi_{99}^{4}\ \Phi_{66}^{2}\ \Phi_{44}\ \Phi_{36}^{3}\ \Phi_{33}^{2}\ \Phi_{22}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
76323	1247	2136	$\frac{1}{89}$	$\frac{179}{1068}$	$\frac{88}{267}$	$\frac{889}{2136}$	$\Phi_{2136}\ \Phi_{712}\ \Phi_{267}\ \Phi_{24}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
76324	1247	2100	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{197}{1050}$	$\frac{853}{2100}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
76325	1247	1780	$\frac{1}{89}$	$\frac{88}{445}$	$\frac{533}{1780}$	$\frac{357}{890}$	$\Phi_{1780}\ \Phi_{445}\ \Phi_{356}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
76326	1247	528	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{528}^4\ \Phi_{176}^4\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{48}^3\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
76327	1247	2016	$\frac{13}{252}$	$\frac{1}{14}$	$\frac{239}{1008}$	$\frac{769}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
76328	1247	240	$\frac{1}{30}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{240}^6\ \Phi_{120}^4\ \Phi_{80}^6\ \Phi_{60}^6\ \Phi_{48}^5\ \Phi_{40}^4\ \Phi_{30}^5\ \Phi_{24}^3\ \Phi_{20}^6\ \Phi_{16}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
76329	1247	330	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{110}^4\ \Phi_{66}^3\ \Phi_{55}^4\ \Phi_{33}^4\ \Phi_{30}^3\ \Phi_{22}^3\ \Phi_{15}^3\ \Phi_{11}^3\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
76330	1247	1602	$\frac{1}{89}$	$\frac{355}{1602}$	$\frac{88}{267}$	$\frac{179}{534}$	$\Phi_{1602}\ \Phi_{801}\ \Phi_{267}\ \Phi_{18}\ \Phi_9\ \Phi_3\ \Phi_1$
76331	1247	630	$\frac{2}{45}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^3\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_6\ \Phi_5^3\ \Phi_3\ \Phi_1$
76332	1247	1440	$\frac{2}{45}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
76333	1247	396	$\frac{1}{44}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^4\ \Phi_{99}^3\ \Phi_{66}^4\ \Phi_{44}^3\ \Phi_{36}^2\ \Phi_{33}^4\ \Phi_{22}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
76334	1247	315	$\frac{2}{45}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{315}^4\ \Phi_{105}^3\ \Phi_{63}^4\ \Phi_{45}^5\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_9^5\ \Phi_7^4\ \Phi_5^5\ \Phi_3^4\ \Phi_1^5$
76335	1247	126	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{20}{63}$	$\Phi_{126}^{14}\ \Phi_{63}^{15}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}^{14}\ \Phi_9^{15}\ \Phi_6\ \Phi_3\ \Phi_1$
76336	1247	2016	$\frac{1}{21}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{20}{63}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{63}\ \Phi_{32}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
76337	1247	315	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{20}{63}$	$\Phi_{315}^7\ \Phi_{63}\ \Phi_{45}^7\ \Phi_{35}\ \Phi_9\ \Phi_5\ \Phi_1$
76338	1247	168	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{13}{42}$	$\Phi_{168}^{14}\ \Phi_{84}^{14}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}^{14}\ \Phi_{21}\ \Phi_{12}^{14}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
76339	1247	336	$\frac{1}{14}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{13}{42}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{48}^5\ \Phi_{42}\ \Phi_{28}^4\ \Phi_{24}^5\ \Phi_{21}\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
76340	1247	294	$\frac{1}{14}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{13}{42}$	$\Phi_{294}^7\ \Phi_{147}^7\ \Phi_{49}\ \Phi_{42}\ \Phi_{21}\ \Phi_6\ \Phi_3\ \Phi_1$
76341	1247	1512	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{265}{1512}$	$\frac{113}{378}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
76342	1247	1764	$\frac{1}{14}$	$\frac{71}{588}$	$\frac{13}{84}$	$\frac{517}{1764}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{441}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
76343	1247	60	$\frac{1}{30}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{60}^{21}\ \Phi_{30}^{20}\ \Phi_{20}^{22}\ \Phi_{15}^{20}\ \Phi_{12}^{21}\ \Phi_{10}^{21}\ \Phi_6^{20}\ \Phi_5^{21}\ \Phi_4^{21}\ \Phi_3^{20}\ \Phi_2^{20}\ \Phi_1^{21}$
76344	1247	1680	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{127}{560}$	$\frac{433}{1680}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
76345	1247	224	$\frac{1}{14}$	$\frac{3}{32}$	$\frac{13}{56}$	$\frac{1}{4}$	$\Phi_{224}^6\ \Phi_{112}^6\ \Phi_{56}^3\ \Phi_{32}^7\ \Phi_{28}^5\ \Phi_{16}^7\ \Phi_{14}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
76346	1247	96	$\frac{3}{32}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{96}^{14}\ \Phi_{48}^{11}\ \Phi_{32}^{15}\ \Phi_{24}^{11}\ \Phi_{16}^{12}\ \Phi_{12}^{13}\ \Phi_8^{12}\ \Phi_6^{12}\ \Phi_4^{13}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
76347	1247	1568	$\frac{3}{32}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{49}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
76348	1247	280	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{13}{56}$	$\Phi_{280}^7\ \Phi_{140}^7\ \Phi_{56}\ \Phi_{40}^7\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}^7\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
76349	1247	98	$\frac{11}{98}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{98}^{12}\ \Phi_{49}^{13}\ \Phi_{14}^{14}\ \Phi_7^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
76350	1247	105	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{19}{105}$	$\Phi_{105}^{11}\ \Phi_{35}^{12}\ \Phi_{21}^{14}\ \Phi_{15}^{11}\ \Phi_7^{14}\ \Phi_5^{12}\ \Phi_3^{14}\ \Phi_1^{15}$
76351	1247	1680	$\frac{5}{48}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{35}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{140}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
76352	1247	245	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{245}^7\ \Phi_{49}\ \Phi_{35}\ \Phi_5\ \Phi_1$
76353	1248	933	$\frac{1}{311}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{155}{311}$	$\Phi_{933}\ \Phi_{311}^2\ \Phi_3^2\ \Phi_1^4$
76354	1248	1247	$\frac{5}{1247}$	$\frac{313}{1247}$	$\frac{467}{1247}$	$\frac{621}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76355	1248	1875	$\frac{3}{625}$	$\frac{157}{625}$	$\frac{1}{3}$	$\frac{311}{625}$	$\Phi_{1875}\ \Phi_{375}\ \Phi_{75}\ \Phi_{15}$
76356	1248	1035	$\frac{1}{207}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{103}{207}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}^2\ \Phi_{115}\ \Phi_{69}^2\ \Phi_{45}\ \Phi_{23}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
76357	1248	828	$\frac{1}{207}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{103}{207}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
76358	1248	1247	$\frac{7}{1247}$	$\frac{209}{1247}$	$\frac{519}{1247}$	$\frac{620}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76359	1248	1085	$\frac{1}{155}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{77}{155}$	$\Phi_{1085}\ \Phi_{217}\ \Phi_{155}^2\ \Phi_{35}\ \Phi_{31}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
76360	1248	465	$\frac{1}{155}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{77}{155}$	$\Phi_{465}^4\ \Phi_{93}^4\ \Phi_{15}^5\ \Phi_3^4$
76361	1248	556	$\frac{1}{139}$	$\frac{1}{4}$	$\frac{35}{139}$	$\frac{69}{139}$	$\Phi_{556}^3\ \Phi_{278}^3\ \Phi_4^2\ \Phi_2^2$
76362	1248	1247	$\frac{9}{1247}$	$\frac{157}{1247}$	$\frac{545}{1247}$	$\frac{619}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76363	1248	1247	$\frac{9}{1247}$	$\frac{311}{1247}$	$\frac{314}{1247}$	$\frac{619}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76364	1248	375	$\frac{1}{125}$	$\frac{21}{125}$	$\frac{1}{3}$	$\frac{62}{125}$	$\Phi_{375}^5\ \Phi_{75}^5\ \Phi_{15}^5\ \Phi_3^4$
76365	1248	1565	$\frac{3}{313}$	$\frac{1}{5}$	$\frac{79}{313}$	$\frac{155}{313}$	Φ_{1565}
76366	1248	1133	$\frac{1}{103}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{51}{103}$	$\Phi_{1133}\ \Phi_{103}^2\ \Phi_{11}^2\ \Phi_1^4$
76367	1248	2163	$\frac{1}{103}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{51}{103}$	$\Phi_{2163}\ \Phi_{21}^2$
76368	1248	1133	$\frac{1}{103}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{51}{103}$	$\Phi_{1133}\ \Phi_{103}^2\ \Phi_{11}^2\ \Phi_1^4$
76369	1248	2060	$\frac{1}{103}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{51}{103}$	$\Phi_{2060}\ \Phi_{1030}\ \Phi_{20}^2\ \Phi_{10}^2$
76370	1248	1247	$\frac{13}{1247}$	$\frac{105}{1247}$	$\frac{571}{1247}$	$\frac{617}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76371	1248	1247	$\frac{13}{1247}$	$\frac{233}{1247}$	$\frac{315}{1247}$	$\frac{617}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76372	1248	2280	$\frac{1}{95}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{47}{95}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
76373	1248	285	$\frac{1}{95}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{47}{95}$	$\Phi_{285}^4\ \Phi_{95}^5\ \Phi_{57}^4\ \Phi_{19}^5\ \Phi_{15}^5\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
76374	1248	1710	$\frac{1}{95}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{47}{95}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{342}\ \Phi_{171}\ \Phi_{95}\ \Phi_{90}\ \Phi_{45}\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
76375	1248	1520	$\frac{1}{95}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{47}{95}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{304}\ \Phi_{152}\ \Phi_{95}\ \Phi_{80}\ \Phi_{40}\ \Phi_{19}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
76376	1248	1875	$\frac{7}{625}$	$\frac{79}{625}$	$\frac{1}{3}$	$\frac{309}{625}$	$\Phi_{1875}\ \Phi_{375}\ \Phi_{75}\ \Phi_{15}$
76377	1248	1155	$\frac{1}{77}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{38}{77}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}^2\ \Phi_{55}\ \Phi_{35}\ \Phi_{33}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
76378	1248	693	$\frac{1}{77}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{38}{77}$	$\Phi_{693}^2\ \Phi_{231}\ \Phi_{99}^2\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
76379	1248	385	$\frac{1}{77}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{38}{77}$	$\Phi_{385}^3\ \Phi_{77}^4\ \Phi_{55}^3\ \Phi_{35}^3\ \Phi_{11}^4\ \Phi_7^4\ \Phi_5^6\ \Phi_1^8$
76380	1248	1247	$\frac{17}{1247}$	$\frac{79}{1247}$	$\frac{584}{1247}$	$\frac{615}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76381	1248	1247	$\frac{17}{1247}$	$\frac{158}{1247}$	$\frac{363}{1247}$	$\frac{615}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76382	1248	1463	$\frac{3}{209}$	$\frac{1}{7}$	$\frac{53}{209}$	$\frac{103}{209}$	$\Phi_{1463}\ \Phi_{133}\ \Phi_{77}$
76383	1248	1247	$\frac{19}{1247}$	$\frac{211}{1247}$	$\frac{259}{1247}$	$\frac{614}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76384	1248	1565	$\frac{5}{313}$	$\frac{53}{313}$	$\frac{1}{5}$	$\frac{154}{313}$	Φ_{1565}
76385	1248	1668	$\frac{7}{417}$	$\frac{53}{417}$	$\frac{1}{4}$	$\frac{205}{417}$	$\Phi_{1668}\ \Phi_{834}\ \Phi_{556}\ \Phi_{278}\ \Phi_{12}\ \Phi_6$
76386	1248	1247	$\frac{21}{1247}$	$\frac{155}{1247}$	$\frac{317}{1247}$	$\frac{613}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76387	1248	1875	$\frac{11}{625}$	$\frac{53}{625}$	$\frac{1}{3}$	$\frac{307}{625}$	$\Phi_{1875}\ \Phi_{375}\ \Phi_{75}\ \Phi_{15}$
76388	1248	1413	$\frac{3}{157}$	$\frac{1}{9}$	$\frac{40}{157}$	$\frac{77}{157}$	$\Phi_{1413}\ \Phi_{471}$
76389	1248	1173	$\frac{1}{51}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{25}{51}$	$\Phi_{1173}\ \Phi_{391}\ \Phi_{69}\ \Phi_{51}^2\ \Phi_{23}^2\ \Phi_{17}^2\ \Phi_3^2\ \Phi_1^4$
76390	1248	663	$\frac{1}{51}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{663}^2\ \Phi_{221}^2\ \Phi_{39}^3\ \Phi_{13}^2$
76391	1248	1173	$\frac{1}{51}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{25}{51}$	$\Phi_{1173}\ \Phi_{391}\ \Phi_{69}\ \Phi_{51}^2\ \Phi_{23}^2\ \Phi_{17}^2\ \Phi_3^2\ \Phi_1^4$
76392	1248	612	$\frac{1}{51}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{25}{51}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{36}^4\ \Phi_{34}^2\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
76393	1248	1173	$\frac{1}{51}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{25}{51}$	$\Phi_{1173}\ \Phi_{391}\ \Phi_{69}\ \Phi_{51}^2\ \Phi_{23}^2\ \Phi_{17}^2\ \Phi_3^2\ \Phi_1^4$
76394	1248	1785	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{25}{51}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{105}\ \Phi_{35}^2$
76395	1248	1247	$\frac{25}{1247}$	$\frac{53}{1247}$	$\frac{597}{1247}$	$\frac{611}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76396	1248	1247	$\frac{25}{1247}$	$\frac{159}{1247}$	$\frac{272}{1247}$	$\frac{611}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
76397	1248	1175	$\frac{1}{47}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{23}{47}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}^2\ \Phi_{25}^2\ \Phi_5^2\ \Phi_1^4$
76398	1248	1974	$\frac{1}{47}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{1974}\ \Phi_{987}\ \Phi_{282}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
76399	1248	705	$\frac{1}{47}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{23}{47}$	$\Phi_{705}^2\ \Phi_{235}\ \Phi_{141}^2\ \Phi_{47}^2\ \Phi_{15}^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
76400	1248	1247	$\frac{27}{1247}$	$\frac{49}{1247}$	$\frac{599}{1247}$	$\frac{610}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76401	1248	1565	$\frac{7}{313}$	$\frac{40}{313}$	$\frac{1}{5}$	$\frac{153}{313}$	Φ_{1565}
76402	1248	301	$\frac{1}{43}$	$\frac{11}{301}$	$\frac{145}{301}$	$\frac{21}{43}$	$\Phi_{301}^4\ \Phi_{43}^5\ \Phi_7^4\ \Phi_1^6$
76403	1248	301	$\frac{1}{43}$	$\frac{22}{301}$	$\frac{93}{301}$	$\frac{21}{43}$	$\Phi_{301}^4\ \Phi_{43}^5\ \Phi_7^4\ \Phi_1^6$
76404	1248	43	$\frac{1}{43}$	$\frac{4}{43}$	$\frac{11}{43}$	$\frac{21}{43}$	$\Phi_{43}^{29}\ \Phi_1^{30}$
76405	1248	375	$\frac{3}{125}$	$\frac{8}{125}$	$\frac{1}{3}$	$\frac{61}{125}$	$\Phi_{375}^5\ \Phi_{75}^5\ \Phi_{15}^5\ \Phi_3^4$
76406	1248	203	$\frac{5}{203}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{99}{203}$	$\Phi_{203}^6\ \Phi_{29}^7\ \Phi_7^6\ \Phi_1^8$
76407	1248	203	$\frac{5}{203}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{99}{203}$	$\Phi_{203}^6\ \Phi_{29}^7\ \Phi_7^6\ \Phi_1^8$
76408	1248	2356	$\frac{1}{38}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{37}{76}$	$\Phi_{2356}\ \Phi_{124}\ \Phi_{76}^2\ \Phi_{31}\ \Phi_4^2\ \Phi_1^2$
76409	1248	3876	$\frac{1}{38}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{3876}\ \Phi_{204}\ \Phi_{51}$
76410	1248	2356	$\frac{1}{38}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{37}{76}$	$\Phi_{2356}\ \Phi_{124}\ \Phi_{76}^2\ \Phi_{31}\ \Phi_4^2\ \Phi_1^2$
76411	1248	3420	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{37}{76}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{180}\ \Phi_{60}\ \Phi_{45}\ \Phi_{15}$
76412	1248	1247	$\frac{33}{1247}$	$\frac{80}{1247}$	$\frac{389}{1247}$	$\frac{607}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76413	1248	455	$\frac{1}{35}$	$\frac{1}{13}$	$\frac{9}{35}$	$\frac{17}{35}$	$\Phi_{455}^3\ \Phi_{91}^3\ \Phi_{65}^3\ \Phi_{13}^2$
76414	1248	1247	$\frac{37}{1247}$	$\frac{107}{1247}$	$\frac{285}{1247}$	$\frac{605}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76415	1248	1358	$\frac{3}{97}$	$\frac{1}{14}$	$\frac{25}{97}$	$\frac{47}{97}$	$\Phi_{1358}\ \Phi_{679}\ \Phi_{194}$
76416	1248	1413	$\frac{5}{157}$	$\frac{1}{9}$	$\frac{27}{157}$	$\frac{76}{157}$	$\Phi_{1413}\ \Phi_{471}$
76417	1248	589	$\frac{1}{31}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{15}{31}$	$\Phi_{589}^2\ \Phi_{31}^3\ \Phi_{19}^4\ \Phi_1^6$
76418	1248	868	$\frac{1}{31}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{868}^2\ \Phi_{434}\ \Phi_{217}\ \Phi_{124}\ \Phi_{31}\ \Phi_{28}^4\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
76419	1248	1247	$\frac{41}{1247}$	$\frac{161}{1247}$	$\frac{181}{1247}$	$\frac{603}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76420	1248	1463	$\frac{7}{209}$	$\frac{27}{209}$	$\frac{1}{7}$	$\frac{101}{209}$	$\Phi_{1463}\ \Phi_{133}\ \Phi_{77}$
76421	1248	203	$\frac{1}{29}$	$\frac{15}{203}$	$\frac{47}{203}$	$\frac{14}{29}$	$\Phi_{203}^6\ \Phi_{29}^7\ \Phi_7^6\ \Phi_1^8$
76422	1248	29	$\frac{1}{29}$	$\frac{3}{29}$	$\frac{5}{29}$	$\frac{14}{29}$	$\Phi_{29}^{43}\ \Phi_1^{44}$
76423	1248	1565	$\frac{11}{313}$	$\frac{27}{313}$	$\frac{1}{5}$	$\frac{151}{313}$	Φ_{1565}
76424	1248	556	$\frac{5}{139}$	$\frac{9}{139}$	$\frac{1}{4}$	$\frac{67}{139}$	$\Phi_{556}^3\ \Phi_{278}^3\ \Phi_4^2\ \Phi_2^2$
76425	1248	1247	$\frac{45}{1247}$	$\frac{77}{1247}$	$\frac{323}{1247}$	$\frac{601}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76426	1248	301	$\frac{11}{301}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{145}{301}$	$\Phi_{301}^4\ \Phi_{43}^5\ \Phi_7^4\ \Phi_1^6$
76427	1248	1875	$\frac{23}{625}$	$\frac{27}{625}$	$\frac{1}{3}$	$\frac{301}{625}$	$\Phi_{1875}\ \Phi_{375}\ \Phi_{75}\ \Phi_{15}$
76428	1248	1247	$\frac{49}{1247}$	$\frac{71}{1247}$	$\frac{324}{1247}$	$\frac{599}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76429	1248	75	$\frac{1}{25}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{75}^{25}\ \Phi_{15}^{25}\ \Phi_3^{24}$
76430	1248	1175	$\frac{1}{25}$	$\frac{2}{47}$	$\frac{15}{47}$	$\frac{12}{25}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}^2\ \Phi_{25}^2\ \Phi_5^2\ \Phi_1^4$
76431	1248	1700	$\frac{1}{25}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{340}\ \Phi_{170}\ \Phi_{68}^2\ \Phi_{34}^2$
76432	1248	1175	$\frac{1}{25}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{12}{25}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}^2\ \Phi_{25}^2\ \Phi_5^2\ \Phi_1^4$
76433	1248	325	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{325}^4\ \Phi_{65}^5\ \Phi_{13}^4$
76434	1248	1175	$\frac{1}{25}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{12}{25}$	$\Phi_{1175}\ \Phi_{235}\ \Phi_{47}^2\ \Phi_{25}^2\ \Phi_5^2\ \Phi_1^4$
76435	1248	1575	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{12}{25}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{21}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
76436	1248	1247	$\frac{50}{1247}$	$\frac{53}{1247}$	$\frac{399}{1247}$	$\frac{597}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_{1}^{2}$
76437	1248	621	$\frac{1}{27}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{621}^{2}\ \Phi_{207}^{2}\ \Phi_{69}\ \Phi_{27}^{4}\ \Phi_{23}^{2}\ \Phi_{9}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
76438	1248	391	$\frac{1}{23}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{11}{23}$	$\Phi_{391}^{3}\ \Phi_{23}^{4}\ \Phi_{17}^{6}\ \Phi_{1}^{8}$
76439	1248	1610	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{230}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{10}^{2}$
76440	1248	819	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{11}{63}$	$\frac{10}{21}$	$\Phi_{819}^{2}\ \Phi_{273}\ \Phi_{117}^{2}\ \Phi_{91}\ \Phi_{39}$
76441	1248	693	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{47}{99}$	$\Phi_{693}^{2}\ \Phi_{231}^{2}\ \Phi_{77}^{3}\ \Phi_{63}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}$
76442	1248	1358	$\frac{5}{97}$	$\frac{1}{14}$	$\frac{17}{97}$	$\frac{46}{97}$	$\Phi_{1358}\ \Phi_{679}\ \Phi_{194}$
76443	1248	1247	$\frac{41}{1247}$	$\frac{65}{1247}$	$\frac{402}{1247}$	$\frac{591}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_{1}^{2}$
76444	1248	399	$\frac{1}{19}$	$\frac{5}{57}$	$\frac{1}{7}$	$\frac{9}{19}$	$\Phi_{399}^{4}\ \Phi_{133}^{3}\ \Phi_{21}^{4}\ \Phi_{7}^{2}$
76445	1248	1325	$\frac{1}{25}$	$\frac{3}{53}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{1325}\ \Phi_{265}$
76446	1248	1247	$\frac{55}{1247}$	$\frac{73}{1247}$	$\frac{298}{1247}$	$\frac{587}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_{1}^{2}$
76447	1248	1247	$\frac{73}{1247}$	$\frac{79}{1247}$	$\frac{220}{1247}$	$\frac{587}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_{1}^{2}$
76448	1248	1668	$\frac{17}{417}$	$\frac{25}{417}$	$\frac{1}{4}$	$\frac{196}{417}$	$\Phi_{1668}\ \Phi_{834}\ \Phi_{556}\ \Phi_{278}\ \Phi_{12}\ \Phi_{6}$
76449	1248	1323	$\frac{1}{27}$	$\frac{3}{49}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{189}\ \Phi_{147}\ \Phi_{63}\ \Phi_{21}$
76450	1248	637	$\frac{3}{49}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{23}{49}$	$\Phi_{637}^{2}\ \Phi_{91}^{3}\ \Phi_{13}^{2}$
76451	1248	1343	$\frac{1}{17}$	$\frac{5}{79}$	$\frac{14}{79}$	$\frac{37}{79}$	Φ_{1343}
76452	1248	1247	$\frac{51}{1247}$	$\frac{79}{1247}$	$\frac{299}{1247}$	$\frac{584}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_{1}^{2}$
76453	1248	1247	$\frac{81}{1247}$	$\frac{83}{1247}$	$\frac{194}{1247}$	$\frac{583}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_{1}^{2}$
76454	1248	120	$\frac{1}{40}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{120}^{11}\ \Phi_{60}^{11}\ \Phi_{40}^{10}\ \Phi_{30}^{11}\ \Phi_{24}^{11}\ \Phi_{20}^{10}\ \Phi_{15}^{9}\ \Phi_{12}^{11}\ \Phi_{10}^{10}\ \Phi_{8}^{10}\ \Phi_{6}^{11}\ \Phi_{5}^{8}\ \Phi_{4}^{10}\ \Phi_{3}^{8}\ \Phi_{2}^{10}\ \Phi_{1}^{8}$
76455	1248	1155	$\frac{2}{77}$	$\frac{1}{15}$	$\frac{25}{77}$	$\frac{7}{15}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}^{2}\ \Phi_{55}\ \Phi_{35}\ \Phi_{33}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
76456	1248	540	$\frac{1}{27}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{540}^{3}\ \Phi_{270}^{3}\ \Phi_{180}^{3}\ \Phi_{108}^{4}\ \Phi_{90}^{3}\ \Phi_{60}^{2}\ \Phi_{54}^{4}\ \Phi_{36}^{4}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
76457	1248	1155	$\frac{5}{77}$	$\frac{1}{15}$	$\frac{12}{77}$	$\frac{7}{15}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}^{2}\ \Phi_{55}\ \Phi_{35}\ \Phi_{33}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
76458	1248	210	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{210}^{6}\ \Phi_{105}^{5}\ \Phi_{70}^{6}\ \Phi_{42}^{6}\ \Phi_{35}^{5}\ \Phi_{30}^{6}\ \Phi_{21}^{5}\ \Phi_{15}^{6}\ \Phi_{14}^{12}\ \Phi_{10}^{6}\ \Phi_{7}^{10}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
76459	1248	195	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{7}{15}$	$\Phi_{195}^{7}\ \Phi_{65}^{7}\ \Phi_{39}^{7}\ \Phi_{13}^{6}$
76460	1248	660	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{7}{15}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{2}\ \Phi_{165}\ \Phi_{132}^{2}\ \Phi_{110}^{2}\ \Phi_{66}^{2}\ \Phi_{60}^{2}\ \Phi_{55}\ \Phi_{44}^{4}\ \Phi_{33}\ \Phi_{30}^{2}\ \Phi_{22}^{4}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
76461	1248	1247	$\frac{85}{1247}$	$\frac{111}{1247}$	$\frac{142}{1247}$	$\frac{581}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_{1}^{2}$
76462	1248	1413	$\frac{11}{157}$	$\frac{14}{157}$	$\frac{1}{9}$	$\frac{73}{157}$	$\Phi_{1413}\ \Phi_{471}$
76463	1248	1247	$\frac{89}{1247}$	$\frac{90}{1247}$	$\frac{167}{1247}$	$\frac{579}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_{1}^{2}$
76464	1248	1463	$\frac{14}{209}$	$\frac{15}{209}$	$\frac{1}{7}$	$\frac{97}{209}$	$\Phi_{1463}\ \Phi_{133}\ \Phi_{77}$
76465	1248	1358	$\frac{1}{14}$	$\frac{7}{97}$	$\frac{13}{97}$	$\frac{45}{97}$	$\Phi_{1358}\ \Phi_{679}\ \Phi_{194}$
76466	1248	1247	$\frac{64}{1247}$	$\frac{91}{1247}$	$\frac{223}{1247}$	$\frac{578}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_{1}^{2}$
76467	1248	1565	$\frac{14}{313}$	$\frac{23}{313}$	$\frac{1}{5}$	$\frac{145}{313}$	Φ_{1565}
76468	1248	1668	$\frac{14}{417}$	$\frac{31}{417}$	$\frac{1}{4}$	$\frac{193}{417}$	$\Phi_{1668}\ \Phi_{834}\ \Phi_{556}\ \Phi_{278}\ \Phi_{12}\ \Phi_{6}$
76469	1248	1247	$\frac{38}{1247}$	$\frac{93}{1247}$	$\frac{335}{1247}$	$\frac{577}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_{1}^{2}$
76470	1248	387	$\frac{1}{43}$	$\frac{29}{387}$	$\frac{14}{43}$	$\frac{179}{387}$	$\Phi_{387}^{3}\ \Phi_{129}^{3}\ \Phi_{43}^{5}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
76471	1248	1875	$\frac{14}{625}$	$\frac{47}{625}$	$\frac{1}{3}$	$\frac{289}{625}$	$\Phi_{1875}\ \Phi_{375}\ \Phi_{75}\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
76472	1248	145	$\frac{1}{29}$	$\frac{11}{145}$	$\frac{7}{29}$	$\frac{67}{145}$	$\Phi_{145}^{8}\ \Phi_{29}^{11}\ \Phi_{5}^{8}\ \Phi_{1}^{12}$
76473	1248	1247	$\frac{83}{1247}$	$\frac{97}{1247}$	$\frac{168}{1247}$	$\frac{575}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_{1}^{2}$
76474	1248	1565	$\frac{13}{313}$	$\frac{25}{313}$	$\frac{1}{5}$	$\frac{144}{313}$	Φ_{1565}
76475	1248	1247	$\frac{35}{1247}$	$\frac{101}{1247}$	$\frac{337}{1247}$	$\frac{573}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_{1}^{2}$
76476	1248	1875	$\frac{13}{625}$	$\frac{51}{625}$	$\frac{1}{3}$	$\frac{287}{625}$	$\Phi_{1875}\ \Phi_{375}\ \Phi_{75}\ \Phi_{15}$
76477	1248	1176	$\frac{1}{49}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{1176}^{2}\ \Phi_{392}^{2}\ \Phi_{168}^{2}\ \Phi_{147}\ \Phi_{56}^{2}\ \Phi_{21}$
76478	1248	2280	$\frac{2}{95}$	$\frac{1}{12}$	$\frac{31}{95}$	$\frac{11}{24}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{40}\ \Phi_{24}^{2}\ \Phi_{19}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
76479	1248	264	$\frac{1}{33}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{264}^{9}\ \Phi_{132}\ \Phi_{88}^{9}\ \Phi_{66}\ \Phi_{44}\ \Phi_{24}^{6}\ \Phi_{22}\ \Phi_{12}\ \Phi_{8}^{6}\ \Phi_{6}$
76480	1248	2280	$\frac{3}{95}$	$\frac{1}{12}$	$\frac{23}{95}$	$\frac{11}{24}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{40}\ \Phi_{24}^{2}\ \Phi_{19}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
76481	1248	600	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{600}^{4}\ \Phi_{200}^{4}\ \Phi_{120}^{3}\ \Phi_{40}^{3}\ \Phi_{25}^{4}\ \Phi_{24}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
76482	1248	456	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{3}{19}$	$\frac{11}{24}$	$\Phi_{456}^{5}\ \Phi_{152}^{5}\ \Phi_{24}^{6}\ \Phi_{19}^{5}\ \Phi_{8}^{6}\ \Phi_{1}^{6}$
76483	1248	2856	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{119}$
76484	1248	2280	$\frac{7}{95}$	$\frac{1}{12}$	$\frac{11}{95}$	$\frac{11}{24}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{40}\ \Phi_{24}^{2}\ \Phi_{19}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
76485	1248	936	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{24}$	$\Phi_{936}^{3}\ \Phi_{312}^{2}\ \Phi_{117}\ \Phi_{104}^{2}\ \Phi_{39}$
76486	1248	1247	$\frac{26}{1247}$	$\frac{105}{1247}$	$\frac{407}{1247}$	$\frac{571}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_{1}^{2}$
76487	1248	1749	$\frac{1}{53}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1749}\ \Phi_{159}^{2}$
76488	1248	440	$\frac{1}{40}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{440}^{3}\ \Phi_{220}^{3}\ \Phi_{110}^{3}\ \Phi_{88}^{3}\ \Phi_{55}^{3}\ \Phi_{44}^{3}\ \Phi_{40}^{2}\ \Phi_{22}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
76489	1248	1133	$\frac{3}{103}$	$\frac{1}{11}$	$\frac{25}{103}$	$\frac{5}{11}$	$\Phi_{1133}\ \Phi_{103}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
76490	1248	1485	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{165}\ \Phi_{135}^{2}\ \Phi_{45}^{2}\ \Phi_{15}^{2}$
76491	1248	385	$\frac{3}{55}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{385}^{4}\ \Phi_{77}^{3}\ \Phi_{35}^{4}\ \Phi_{7}^{2}$
76492	1248	1133	$\frac{7}{103}$	$\frac{1}{11}$	$\frac{12}{103}$	$\frac{5}{11}$	$\Phi_{1133}\ \Phi_{103}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
76493	1248	1386	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{11}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{198}\ \Phi_{126}^{2}\ \Phi_{66}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}$
76494	1248	665	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{1}{7}$	$\frac{43}{95}$	$\Phi_{665}^{2}\ \Phi_{133}^{3}\ \Phi_{35}^{2}\ \Phi_{7}^{2}$
76495	1248	215	$\frac{1}{43}$	$\frac{21}{215}$	$\frac{59}{215}$	$\frac{97}{215}$	$\Phi_{215}^{6}\ \Phi_{43}^{5}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
76496	1248	1323	$\frac{1}{27}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{189}\ \Phi_{147}\ \Phi_{63}\ \Phi_{21}$
76497	1248	319	$\frac{7}{319}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{319}^{4}\ \Phi_{29}^{3}\ \Phi_{11}^{4}\ \Phi_{1}^{4}$
76498	1248	1247	$\frac{53}{1247}$	$\frac{131}{1247}$	$\frac{199}{1247}$	$\frac{558}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_{1}^{2}$
76499	1248	882	$\frac{1}{49}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{882}^{2}\ \Phi_{441}\ \Phi_{294}^{2}\ \Phi_{147}\ \Phi_{126}^{2}\ \Phi_{98}^{2}\ \Phi_{63}\ \Phi_{42}^{2}\ \Phi_{21}\ \Phi_{14}^{2}$
76500	1248	1358	$\frac{1}{14}$	$\frac{9}{97}$	$\frac{11}{97}$	$\frac{43}{97}$	$\Phi_{1358}\ \Phi_{679}\ \Phi_{194}$
76501	1248	2310	$\frac{1}{33}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{2310}\ \Phi_{770}\ \Phi_{462}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{154}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{42}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{6}$
76502	1248	215	$\frac{7}{215}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{215}^{6}\ \Phi_{43}^{5}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
76503	1248	43	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{5}{43}$	$\frac{19}{43}$	$\Phi_{43}^{29}\ \Phi_{1}^{30}$
76504	1248	1463	$\frac{9}{209}$	$\frac{25}{209}$	$\frac{1}{7}$	$\frac{92}{209}$	$\Phi_{1463}\ \Phi_{133}\ \Phi_{77}$
76505	1248	1325	$\frac{1}{53}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1325}\ \Phi_{265}$
76506	1248	1247	$\frac{39}{1247}$	$\frac{151}{1247}$	$\frac{233}{1247}$	$\frac{548}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_{1}^{2}$
76507	1248	556	$\frac{3}{139}$	$\frac{17}{139}$	$\frac{1}{4}$	$\frac{61}{139}$	$\Phi_{556}^{3}\ \Phi_{278}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
76508	1248	1247	$\frac{23}{1247}$	$\frac{153}{1247}$	$\frac{350}{1247}$	$\frac{547}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_{1}^{2}$
76509	1248	1875	$\frac{9}{625}$	$\frac{77}{625}$	$\frac{1}{3}$	$\frac{274}{625}$	$\Phi_{1875}\ \Phi_{375}\ \Phi_{75}\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
76510	1248	528	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{528}^2\ \Phi_{264}^3\ \Phi_{176}^2\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{66}^3\ \Phi_{48}^2\ \Phi_{44}^3\ \Phi_{33}^2\ \Phi_{24}^3\ \Phi_{22}^3\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_{6}^3\ \Phi_{3}^2$
76511	1248	1247	$\frac{27}{1247}$	$\frac{157}{1247}$	$\frac{305}{1247}$	$\frac{545}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_{1}^2$
76512	1248	1659	$\frac{1}{79}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1659}\ \Phi_{237}^2$
76513	1248	1085	$\frac{2}{155}$	$\frac{1}{7}$	$\frac{51}{155}$	$\frac{3}{7}$	$\Phi_{1085}\ \Phi_{217}\ \Phi_{155}^2\ \Phi_{35}\ \Phi_{31}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
76514	1248	1484	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1484}\ \Phi_{742}\ \Phi_{212}^2\ \Phi_{106}^2$
76515	1248	1085	$\frac{3}{155}$	$\frac{1}{7}$	$\frac{38}{155}$	$\frac{3}{7}$	$\Phi_{1085}\ \Phi_{217}\ \Phi_{155}^2\ \Phi_{35}\ \Phi_{31}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
76516	1248	280	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^4\ \Phi_{40}^8\ \Phi_{35}^3\ \Phi_{28}^4\ \Phi_{20}^8\ \Phi_{14}^4\ \Phi_{10}^8\ \Phi_{8}^8\ \Phi_{7}^4\ \Phi_{5}^6\ \Phi_{4}^8\ \Phi_{2}^8\ \Phi_{1}^8$
76517	1248	217	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{5}{31}$	$\frac{3}{7}$	$\Phi_{217}^5\ \Phi_{31}^{10}\ \Phi_{7}^6\ \Phi_{1}^{12}$
76518	1248	189	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{189}^7\ \Phi_{63}^7\ \Phi_{27}^6\ \Phi_{21}^7\ \Phi_{9}^6\ \Phi_{3}^6$
76519	1248	1085	$\frac{11}{155}$	$\frac{12}{155}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1085}\ \Phi_{217}\ \Phi_{155}^2\ \Phi_{35}\ \Phi_{31}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
76520	1248	182	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{182}^8\ \Phi_{91}^7\ \Phi_{26}^8\ \Phi_{13}^6$
76521	1248	1247	$\frac{55}{1247}$	$\frac{149}{1247}$	$\frac{183}{1247}$	$\frac{532}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_{1}^2$
76522	1248	1358	$\frac{1}{14}$	$\frac{7}{97}$	$\frac{15}{97}$	$\frac{41}{97}$	$\Phi_{1358}\ \Phi_{679}\ \Phi_{194}$
76523	1248	1247	$\frac{89}{1247}$	$\frac{90}{1247}$	$\frac{193}{1247}$	$\frac{527}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_{1}^2$
76524	1248	585	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{7}{45}$	$\frac{19}{45}$	$\Phi_{585}^2\ \Phi_{195}^3\ \Phi_{117}^2\ \Phi_{65}^3\ \Phi_{39}^3\ \Phi_{13}^2$
76525	1248	1413	$\frac{7}{157}$	$\frac{1}{9}$	$\frac{25}{157}$	$\frac{66}{157}$	$\Phi_{1413}\ \Phi_{471}$
76526	1248	1075	$\frac{1}{43}$	$\frac{173}{1075}$	$\frac{42}{215}$	$\frac{451}{1075}$	$\Phi_{1075}\ \Phi_{215}^2\ \Phi_{43}\ \Phi_{25}\ \Phi_{5}^2\ \Phi_{1}^2$
76527	1248	1247	$\frac{41}{1247}$	$\frac{181}{1247}$	$\frac{201}{1247}$	$\frac{523}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_{1}^2$
76528	1248	129	$\frac{1}{43}$	$\frac{7}{43}$	$\frac{25}{129}$	$\frac{18}{43}$	$\Phi_{129}^{12}\ \Phi_{43}^5\ \Phi_{3}^{12}\ \Phi_{1}^6$
76529	1248	1565	$\frac{7}{313}$	$\frac{51}{313}$	$\frac{1}{5}$	$\frac{131}{313}$	Φ_{1565}
76530	1248	1247	$\frac{17}{1247}$	$\frac{205}{1247}$	$\frac{363}{1247}$	$\frac{521}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_{1}^2$
76531	1248	1875	$\frac{7}{625}$	$\frac{103}{625}$	$\frac{1}{3}$	$\frac{261}{625}$	$\Phi_{1875}\ \Phi_{375}\ \Phi_{75}\ \Phi_{15}$
76532	1248	1247	$\frac{14}{1247}$	$\frac{209}{1247}$	$\frac{411}{1247}$	$\frac{519}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_{1}^2$
76533	1248	1343	$\frac{1}{79}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	Φ_{1343}
76534	1248	1247	$\frac{19}{1247}$	$\frac{235}{1247}$	$\frac{307}{1247}$	$\frac{506}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_{1}^2$
76535	1248	105	$\frac{1}{105}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{105}^{12}\ \Phi_{35}^{12}\ \Phi_{21}^{12}\ \Phi_{15}^{11}\ \Phi_{7}^{12}\ \Phi_{5}^{12}\ \Phi_{3}^{10}\ \Phi_{1}^{12}$
76536	1248	345	$\frac{1}{69}$	$\frac{1}{5}$	$\frac{17}{69}$	$\frac{2}{5}$	$\Phi_{345}^3\ \Phi_{115}^3\ \Phi_{69}^6\ \Phi_{23}^6\ \Phi_{15}^3\ \Phi_{5}^4\ \Phi_{3}^6\ \Phi_{1}^8$
76537	1248	265	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{265}^5\ \Phi_{53}^4$
76538	1248	1035	$\frac{7}{207}$	$\frac{25}{207}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1035}\ \Phi_{345}\ \Phi_{207}^2\ \Phi_{115}\ \Phi_{69}^2\ \Phi_{45}\ \Phi_{23}^2\ \Phi_{15}\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
76539	1248	135	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{135}^8\ \Phi_{45}^7\ \Phi_{27}^{16}\ \Phi_{15}^7\ \Phi_{9}^{14}\ \Phi_{5}^8\ \Phi_{3}^{14}\ \Phi_{1}^{16}$
76540	1248	115	$\frac{1}{23}$	$\frac{11}{115}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{115}^{11}\ \Phi_{23}^{10}\ \Phi_{5}^{12}\ \Phi_{1}^{12}$
76541	1248	715	$\frac{3}{55}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{715}^2\ \Phi_{143}^2\ \Phi_{65}$
76542	1248	345	$\frac{4}{69}$	$\frac{5}{69}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{345}^3\ \Phi_{115}^3\ \Phi_{69}^6\ \Phi_{23}^6\ \Phi_{15}^3\ \Phi_{5}^4\ \Phi_{3}^6\ \Phi_{1}^8$
76543	1248	1190	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{238}^2\ \Phi_{170}\ \Phi_{119}^2\ \Phi_{34}^2$
76544	1248	43	$\frac{1}{43}$	$\frac{7}{43}$	$\frac{9}{43}$	$\frac{17}{43}$	$\Phi_{43}^{29}\ \Phi_{1}^{30}$
76545	1248	1320	$\frac{1}{40}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{30}\ \Phi_{24}\ \Phi_{22}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
76546	1248	2112	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{6}$
76547	1248	1323	$\frac{1}{27}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{189}\ \Phi_{147}\ \Phi_{63}\ \Phi_{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
76548	1248	1247	$\frac{59}{1247}$	$\frac{99}{1247}$	$\frac{287}{1247}$	$\frac{480}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76549	1248	1365	$\frac{1}{105}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{91}\ \Phi_{65}\ \Phi_{39}$
76550	1248	1247	$\frac{64}{1247}$	$\frac{91}{1247}$	$\frac{289}{1247}$	$\frac{479}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76551	1248	1358	$\frac{5}{97}$	$\frac{1}{14}$	$\frac{23}{97}$	$\frac{37}{97}$	$\Phi_{1358}\ \Phi_{679}\ \Phi_{194}$
76552	1248	273	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{5}{21}$	$\frac{8}{21}$	$\Phi_{273}^5\ \Phi_{91}^5\ \Phi_{39}^5\ \Phi_{13}^4$
76553	1248	29	$\frac{1}{29}$	$\frac{3}{29}$	$\frac{7}{29}$	$\frac{11}{29}$	$\Phi_{29}^{43}\ \Phi_1^{44}$
76554	1248	1463	$\frac{5}{209}$	$\frac{1}{7}$	$\frac{51}{209}$	$\frac{79}{209}$	$\Phi_{1463}\ \Phi_{133}\ \Phi_{77}$
76555	1248	1247	$\frac{27}{1247}$	$\frac{194}{1247}$	$\frac{305}{1247}$	$\frac{471}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76556	1248	1565	$\frac{5}{313}$	$\frac{1}{5}$	$\frac{77}{313}$	$\frac{118}{313}$	Φ_{1565}
76557	1248	1247	$\frac{19}{1247}$	$\frac{259}{1247}$	$\frac{307}{1247}$	$\frac{470}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76558	1248	1668	$\frac{5}{417}$	$\frac{103}{417}$	$\frac{1}{4}$	$\frac{157}{417}$	$\Phi_{1668}\ \Phi_{834}\ \Phi_{556}\ \Phi_{278}\ \Phi_{12}\ \Phi_6$
76559	1248	1247	$\frac{11}{1247}$	$\frac{309}{1247}$	$\frac{389}{1247}$	$\frac{469}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76560	1248	375	$\frac{1}{125}$	$\frac{31}{125}$	$\frac{1}{3}$	$\frac{47}{125}$	$\Phi_{375}^5\ \Phi_{75}^5\ \Phi_{15}^5\ \Phi_3^4$
76561	1248	1247	$\frac{15}{1247}$	$\frac{308}{1247}$	$\frac{313}{1247}$	$\frac{467}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76562	1248	1325	$\frac{1}{53}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1325}\ \Phi_{265}$
76563	1248	1247	$\frac{31}{1247}$	$\frac{152}{1247}$	$\frac{365}{1247}$	$\frac{441}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76564	1248	660	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{660}^3\ \Phi_{330}\ \Phi_{220}^3\ \Phi_{165}\ \Phi_{132}^3\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}^3\ \Phi_{55}\ \Phi_{44}^3\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{12}^3\ \Phi_6$
76565	1248	215	$\frac{7}{215}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{215}^6\ \Phi_{43}^5\ \Phi_5^6\ \Phi_1^6$
76566	1248	319	$\frac{1}{29}$	$\frac{28}{319}$	$\frac{97}{319}$	$\frac{111}{319}$	$\Phi_{319}^4\ \Phi_{29}^3\ \Phi_{11}^4\ \Phi_1^4$
76567	1248	1323	$\frac{1}{27}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{189}\ \Phi_{147}\ \Phi_{63}\ \Phi_{21}$
76568	1248	1247	$\frac{51}{1247}$	$\frac{92}{1247}$	$\frac{385}{1247}$	$\frac{431}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76569	1248	1247	$\frac{63}{1247}$	$\frac{74}{1247}$	$\frac{391}{1247}$	$\frac{428}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76570	1248	1343	$\frac{4}{79}$	$\frac{1}{17}$	$\frac{25}{79}$	$\frac{27}{79}$	Φ_{1343}
76571	1248	1358	$\frac{4}{97}$	$\frac{1}{14}$	$\frac{31}{97}$	$\frac{33}{97}$	$\Phi_{1358}\ \Phi_{679}\ \Phi_{194}$
76572	1248	1247	$\frac{44}{1247}$	$\frac{103}{1247}$	$\frac{401}{1247}$	$\frac{423}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76573	1248	1413	$\frac{4}{157}$	$\frac{1}{9}$	$\frac{51}{157}$	$\frac{53}{157}$	$\Phi_{1413}\ \Phi_{471}$
76574	1248	1247	$\frac{20}{1247}$	$\frac{207}{1247}$	$\frac{409}{1247}$	$\frac{419}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76575	1248	1565	$\frac{4}{313}$	$\frac{1}{5}$	$\frac{103}{313}$	$\frac{105}{313}$	Φ_{1565}
76576	1248	1247	$\frac{8}{1247}$	$\frac{413}{1247}$	$\frac{415}{1247}$	$\frac{417}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76577	1248	1875	$\frac{4}{625}$	$\frac{207}{625}$	$\frac{1}{3}$	$\frac{209}{625}$	$\Phi_{1875}\ \Phi_{375}\ \Phi_{75}\ \Phi_{15}$
76578	1248	471	$\frac{1}{157}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{471}^3\ \Phi_{157}^2$
76579	1248	933	$\frac{2}{311}$	$\frac{103}{311}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{933}\ \Phi_{311}^2\ \Phi_3^2\ \Phi_1^4$
76580	1248	420	$\frac{1}{105}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
76581	1248	933	$\frac{3}{311}$	$\frac{77}{311}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{933}\ \Phi_{311}^2\ \Phi_3^2\ \Phi_1^4$
76582	1248	1185	$\frac{1}{79}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1185}\ \Phi_{395}^2$
76583	1248	933	$\frac{5}{311}$	$\frac{51}{311}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{933}\ \Phi_{311}^2\ \Phi_3^2\ \Phi_1^4$
76584	1248	1113	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1113}\ \Phi_{371}^2$
76585	1248	735	$\frac{1}{49}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
76586	1248	933	$\frac{7}{311}$	$\frac{38}{311}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{933}\ \Phi_{311}^2\ \Phi_3^2\ \Phi_1^4$
76587	1248	360	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^3\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^3\ \Phi_{45}^4\ \Phi_{40}^2\ \Phi_{36}^4\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
76588	1248	933	$\frac{11}{311}$	$\frac{25}{311}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{933}\ \Phi_{311}^2\ \Phi_3^2\ \Phi_1^4$
76589	1248	351	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{351}^4\ \Phi_{117}^4\ \Phi_{39}^3\ \Phi_{13}^2$
76590	1248	933	$\frac{12}{311}$	$\frac{23}{311}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{933}\ \Phi_{311}^2\ \Phi_3^2\ \Phi_1^4$
76591	1248	1050	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}^2\ \Phi_{210}\ \Phi_{175}^2\ \Phi_{150}\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{10}^2$
76592	1248	2484	$\frac{2}{207}$	$\frac{1}{4}$	$\frac{205}{621}$	$\frac{1}{3}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{108}\ \Phi_{54}\ \Phi_{12}\ \Phi_6$
76593	1248	465	$\frac{2}{155}$	$\frac{1}{5}$	$\frac{51}{155}$	$\frac{1}{3}$	$\Phi_{465}^4\ \Phi_{93}^4\ \Phi_{15}^5\ \Phi_3^4$
76594	1248	375	$\frac{2}{125}$	$\frac{21}{125}$	$\frac{41}{125}$	$\frac{1}{3}$	$\Phi_{375}^5\ \Phi_{75}^5\ \Phi_{15}^5\ \Phi_3^4$
76595	1248	285	$\frac{2}{95}$	$\frac{2}{15}$	$\frac{31}{95}$	$\frac{1}{3}$	$\Phi_{285}^4\ \Phi_{95}^5\ \Phi_{57}^4\ \Phi_{19}^5\ \Phi_{15}^5\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
76596	1248	693	$\frac{2}{77}$	$\frac{1}{9}$	$\frac{25}{77}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{231}\ \Phi_{99}^2\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
76597	1248	1875	$\frac{22}{625}$	$\frac{53}{625}$	$\frac{201}{625}$	$\frac{1}{3}$	$\Phi_{1875}\ \Phi_{375}\ \Phi_{75}\ \Phi_{15}$
76598	1248	1989	$\frac{2}{51}$	$\frac{1}{13}$	$\frac{49}{153}$	$\frac{1}{3}$	$\Phi_{1989}\ \Phi_{117}\ \Phi_{39}$
76599	1248	225	$\frac{1}{25}$	$\frac{17}{225}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{225}^6\ \Phi_{75}^4\ \Phi_{45}^6\ \Phi_{25}^6\ \Phi_{15}^4\ \Phi_9^6\ \Phi_5^6\ \Phi_3^3\ \Phi_1^6$
76600	1248	1974	$\frac{2}{47}$	$\frac{1}{14}$	$\frac{15}{47}$	$\frac{1}{3}$	$\Phi_{1974}\ \Phi_{987}\ \Phi_{282}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
76601	1248	969	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{969}^2\ \Phi_{51}^3$
76602	1248	1875	$\frac{33}{625}$	$\frac{37}{625}$	$\frac{196}{625}$	$\frac{1}{3}$	$\Phi_{1875}\ \Phi_{375}\ \Phi_{75}\ \Phi_{15}$
76603	1248	1875	$\frac{27}{625}$	$\frac{46}{625}$	$\frac{193}{625}$	$\frac{1}{3}$	$\Phi_{1875}\ \Phi_{375}\ \Phi_{75}\ \Phi_{15}$
76604	1248	75	$\frac{1}{25}$	$\frac{2}{25}$	$\frac{23}{75}$	$\frac{1}{3}$	$\Phi_{75}^{13}\ \Phi_{25}^{24}\ \Phi_{15}^{13}\ \Phi_5^{24}\ \Phi_3^{12}\ \Phi_1^{24}$
76605	1248	621	$\frac{1}{27}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{621}^2\ \Phi_{207}^2\ \Phi_{69}\ \Phi_{27}^4\ \Phi_{23}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
76606	1248	1875	$\frac{17}{625}$	$\frac{76}{625}$	$\frac{183}{625}$	$\frac{1}{3}$	$\Phi_{1875}\ \Phi_{375}\ \Phi_{75}\ \Phi_{15}$
76607	1248	360	$\frac{1}{40}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}\ \Phi_{90}^5\ \Phi_{72}^5\ \Phi_{60}\ \Phi_{45}^4\ \Phi_{36}^5\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}^5\ \Phi_{15}\ \Phi_{12}\ \Phi_9^4\ \Phi_6$
76608	1248	882	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{147}\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{21}$
76609	1248	1749	$\frac{1}{53}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{1749}\ \Phi_{159}^2$
76610	1248	1875	$\frac{9}{625}$	$\frac{154}{625}$	$\frac{157}{625}$	$\frac{1}{3}$	$\Phi_{1875}\ \Phi_{375}\ \Phi_{75}\ \Phi_{15}$
76611	1248	276	$\frac{1}{69}$	$\frac{17}{69}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{276}^6\ \Phi_{138}^6\ \Phi_{92}^6\ \Phi_{46}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
76612	1248	1692	$\frac{7}{423}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{564}\ \Phi_{282}\ \Phi_{188}\ \Phi_{94}\ \Phi_{12}\ \Phi_6$
76613	1248	3180	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3180}\ \Phi_{1590}$
76614	1248	2352	$\frac{1}{49}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{336}\ \Phi_{168}\ \Phi_{147}\ \Phi_{21}$
76615	1248	1932	$\frac{2}{69}$	$\frac{67}{483}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{322}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
76616	1248	660	$\frac{1}{33}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{132}\ \Phi_{110}^3\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{44}\ \Phi_{30}^2\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
76617	1248	828	$\frac{7}{207}$	$\frac{25}{207}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
76618	1248	108	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{108}^{16}\ \Phi_{54}^{16}\ \Phi_{36}^{14}\ \Phi_{18}^{14}\ \Phi_{12}^{15}\ \Phi_6^{15}\ \Phi_4^{14}\ \Phi_2^{14}$
76619	1248	1380	$\frac{1}{23}$	$\frac{11}{115}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1380}^2\ \Phi_{690}^2\ \Phi_{276}\ \Phi_{138}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{12}^2\ \Phi_6^2$
76620	1248	276	$\frac{4}{69}$	$\frac{5}{69}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{276}^6\ \Phi_{138}^6\ \Phi_{92}^6\ \Phi_{46}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
76621	1248	1428	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1428}^2\ \Phi_{714}\ \Phi_{357}\ \Phi_{204}\ \Phi_{51}$
76622	1248	465	$\frac{3}{155}$	$\frac{1}{5}$	$\frac{38}{155}$	$\frac{1}{3}$	$\Phi_{465}^4\ \Phi_{93}^4\ \Phi_{15}^5\ \Phi_3^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
76623	1248	1875	$\frac{13}{625}$	$\frac{118}{625}$	$\frac{153}{625}$	$\frac{1}{3}$	$\Phi_{1875}\ \Phi_{375}\ \Phi_{75}\ \Phi_{15}$
76624	1248	2163	$\frac{3}{103}$	$\frac{1}{7}$	$\frac{25}{103}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{21}^2$
76625	1248	285	$\frac{3}{95}$	$\frac{2}{15}$	$\frac{23}{95}$	$\frac{1}{3}$	$\Phi_{285}^4\ \Phi_{95}^5\ \Phi_{57}^4\ \Phi_{19}^5\ \Phi_{15}^5\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
76626	1248	1875	$\frac{21}{625}$	$\frac{79}{625}$	$\frac{151}{625}$	$\frac{1}{3}$	$\Phi_{1875}\ \Phi_{375}\ \Phi_{75}\ \Phi_{15}$
76627	1248	525	$\frac{1}{25}$	$\frac{19}{175}$	$\frac{6}{25}$	$\frac{1}{3}$	$\Phi_{525}^4\ \Phi_{105}^4\ \Phi_{75}\ \Phi_{21}^4\ \Phi_{15}$
76628	1248	663	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{663}^3\ \Phi_{39}^4$
76629	1248	1974	$\frac{3}{47}$	$\frac{1}{14}$	$\frac{11}{47}$	$\frac{1}{3}$	$\Phi_{1974}\ \Phi_{987}\ \Phi_{282}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
76630	1248	375	$\frac{8}{125}$	$\frac{9}{125}$	$\frac{29}{125}$	$\frac{1}{3}$	$\Phi_{375}^5\ \Phi_{75}^5\ \Phi_{15}^5\ \Phi_3^4$
76631	1248	1875	$\frac{37}{625}$	$\frac{49}{625}$	$\frac{144}{625}$	$\frac{1}{3}$	$\Phi_{1875}\ \Phi_{375}\ \Phi_{75}\ \Phi_{15}$
76632	1248	150	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{11}{50}$	$\frac{1}{3}$	$\Phi_{150}^{16}\ \Phi_{75}^9\ \Phi_{30}^{16}\ \Phi_{15}^9\ \Phi_6^{16}\ \Phi_3^8$
76633	1248	621	$\frac{1}{27}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{621}^2\ \Phi_{207}^2\ \Phi_{69}\ \Phi_{27}^4\ \Phi_{23}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
76634	1248	1875	$\frac{19}{625}$	$\frac{101}{625}$	$\frac{131}{625}$	$\frac{1}{3}$	$\Phi_{1875}\ \Phi_{375}\ \Phi_{75}\ \Phi_{15}$
76635	1248	120	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{120}^{16}\ \Phi_{60}^{16}\ \Phi_{30}^{16}\ \Phi_{24}^{16}\ \Phi_{15}^{13}\ \Phi_{12}^{16}\ \Phi_6^{16}\ \Phi_3^{12}$
76636	1248	2325	$\frac{4}{155}$	$\frac{151}{775}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2325}\ \Phi_{75}\ \Phi_{15}$
76637	1248	465	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{465}^5\ \Phi_{15}^6$
76638	1248	945	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{105}\ \Phi_{35}^2$
76639	1248	75	$\frac{1}{25}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{75}^{16}\ \Phi_{25}^{20}\ \Phi_{15}^{13}\ \Phi_5^{16}\ \Phi_3^{12}\ \Phi_1^{16}$
76640	1248	465	$\frac{11}{155}$	$\frac{12}{155}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{465}^4\ \Phi_{93}^4\ \Phi_{15}^5\ \Phi_3^4$
76641	1248	2730	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{390}$
76642	1248	375	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{3}$	$\Phi_{375}^6\ \Phi_{75}\ \Phi_{15}$
76643	1248	285	$\frac{1}{19}$	$\frac{2}{15}$	$\frac{3}{19}$	$\frac{1}{3}$	$\Phi_{285}^5\ \Phi_{95}^5\ \Phi_{19}^5\ \Phi_{15}^6\ \Phi_5^6\ \Phi_1^6$
76644	1248	693	$\frac{5}{77}$	$\frac{1}{9}$	$\frac{12}{77}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{231}\ \Phi_{99}^2\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
76645	1248	1875	$\frac{43}{625}$	$\frac{66}{625}$	$\frac{97}{625}$	$\frac{1}{3}$	$\Phi_{1875}\ \Phi_{375}\ \Phi_{75}\ \Phi_{15}$
76646	1248	1974	$\frac{1}{14}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{3}$	$\Phi_{1974}\ \Phi_{987}\ \Phi_{282}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
76647	1248	1875	$\frac{41}{625}$	$\frac{73}{625}$	$\frac{92}{625}$	$\frac{1}{3}$	$\Phi_{1875}\ \Phi_{375}\ \Phi_{75}\ \Phi_{15}$
76648	1248	1785	$\frac{1}{17}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{119}$
76649	1248	2163	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{21}^2$
76650	1248	126	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{126}^{12}\ \Phi_{63}^{10}\ \Phi_{42}^6\ \Phi_{21}^5\ \Phi_{18}^{12}\ \Phi_{14}^{12}\ \Phi_9^{12}\ \Phi_7^{10}\ \Phi_6^6\ \Phi_3^6\ \Phi_2^{12}\ \Phi_1^{12}$
76651	1248	285	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{285}^4\ \Phi_{95}^5\ \Phi_{57}^4\ \Phi_{19}^5\ \Phi_{15}^5\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
76652	1248	585	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{585}^3\ \Phi_{195}^2\ \Phi_{117}\ \Phi_{65}^2\ \Phi_{39}$
76653	1248	396	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{44}$	$\frac{1}{3}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{44}^4\ \Phi_{36}^4\ \Phi_{33}\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{12}^2\ \Phi_{11}^2$ $\Phi_9^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
76654	1248	1710	$\frac{2}{95}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{31}{95}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{342}\ \Phi_{171}\ \Phi_{95}\ \Phi_{90}\ \Phi_{45}\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
76655	1248	1520	$\frac{2}{95}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{31}{95}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{304}\ \Phi_{152}\ \Phi_{95}\ \Phi_{80}\ \Phi_{40}\ \Phi_{19}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
76656	1248	129	$\frac{1}{43}$	$\frac{25}{129}$	$\frac{29}{129}$	$\frac{14}{43}$	$\Phi_{129}^9\ \Phi_{43}^{11}\ \Phi_3^9\ \Phi_1^{12}$
76657	1248	385	$\frac{2}{77}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{25}{77}$	$\Phi_{385}^3\ \Phi_{77}^4\ \Phi_{55}^3\ \Phi_{35}^3\ \Phi_{11}^4\ \Phi_7^4\ \Phi_5^6\ \Phi_1^8$
76658	1248	1247	$\frac{38}{1247}$	$\frac{211}{1247}$	$\frac{259}{1247}$	$\frac{403}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76659	1248	1565	$\frac{10}{313}$	$\frac{53}{313}$	$\frac{1}{5}$	$\frac{101}{313}$	Φ_{1565}
76660	1248	705	$\frac{2}{47}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{15}{47}$	$\Phi_{705}^2\ \Phi_{235}\ \Phi_{141}^2\ \Phi_{47}^2\ \Phi_{15}^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
76661	1248	589	$\frac{1}{19}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{6}{19}$	$\Phi_{589}^2\ \Phi_{31}^3\ \Phi_{19}^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
76662	1248	855	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{6}{19}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{45}^3\ \Phi_{15}^3$
76663	1248	1247	$\frac{74}{1247}$	$\frac{107}{1247}$	$\frac{285}{1247}$	$\frac{391}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76664	1248	1413	$\frac{10}{157}$	$\frac{1}{9}$	$\frac{27}{157}$	$\frac{49}{157}$	$\Phi_{1413}\ \Phi_{471}$
76665	1248	1755	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{31}{135}$	$\frac{14}{45}$	$\Phi_{1755}\ \Phi_{351}\ \Phi_{195}\ \Phi_{65}\ \Phi_{39}$
76666	1248	29	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{5}{29}$	$\frac{9}{29}$	$\Phi_{29}^{43}\ \Phi_1^{44}$
76667	1248	1565	$\frac{22}{313}$	$\frac{27}{313}$	$\frac{1}{5}$	$\frac{97}{313}$	Φ_{1565}
76668	1248	975	$\frac{1}{13}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{75}$	$\Phi_{975}^2\ \Phi_{195}^2\ \Phi_{65}\ \Phi_{39}^2$
76669	1248	391	$\frac{1}{17}$	$\frac{2}{23}$	$\frac{4}{17}$	$\frac{7}{23}$	$\Phi_{391}^3\ \Phi_{23}^4\ \Phi_{17}^6\ \Phi_1^8$
76670	1248	1610	$\frac{1}{14}$	$\frac{2}{23}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{230}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{10}^2$
76671	1248	231	$\frac{1}{11}$	$\frac{23}{231}$	$\frac{1}{7}$	$\frac{10}{33}$	$\Phi_{231}^5\ \Phi_{77}^6\ \Phi_{33}^6\ \Phi_{21}^5\ \Phi_{11}^6\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
76672	1248	1247	$\frac{67}{1247}$	$\frac{119}{1247}$	$\frac{295}{1247}$	$\frac{376}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76673	1248	2079	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{7}$	$\frac{89}{297}$	$\Phi_{2079}\ \Phi_{189}\ \Phi_{77}$
76674	1248	1358	$\frac{1}{14}$	$\frac{10}{97}$	$\frac{17}{97}$	$\frac{29}{97}$	$\Phi_{1358}\ \Phi_{679}\ \Phi_{194}$
76675	1248	1247	$\frac{79}{1247}$	$\frac{146}{1247}$	$\frac{220}{1247}$	$\frac{367}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76676	1248	1565	$\frac{17}{313}$	$\frac{37}{313}$	$\frac{1}{5}$	$\frac{92}{313}$	Φ_{1565}
76677	1248	1911	$\frac{1}{13}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{147}$	$\Phi_{1911}\ \Phi_{273}\ \Phi_{91}\ \Phi_{39}$
76678	1248	189	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{189}^7\ \Phi_{63}^7\ \Phi_{27}^6\ \Phi_{21}^4\ \Phi_9^6\ \Phi_7^6\ \Phi_3^3\ \Phi_1^6$
76679	1248	145	$\frac{1}{29}$	$\frac{22}{145}$	$\frac{7}{29}$	$\frac{41}{145}$	$\Phi_{145}^8\ \Phi_{29}^{11}\ \Phi_5^8\ \Phi_1^{12}$
76680	1248	396	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{396}^6\ \Phi_{198}^3\ \Phi_{132}\ \Phi_{99}^3\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}^4\ \Phi_{22}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
76681	1248	1710	$\frac{3}{95}$	$\frac{1}{6}$	$\frac{23}{95}$	$\frac{5}{18}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{342}\ \Phi_{171}\ \Phi_{95}\ \Phi_{90}\ \Phi_{45}\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
76682	1248	450	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{90}^3\ \Phi_{45}^3\ \Phi_{25}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_1^4$
76683	1248	342	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{342}^5\ \Phi_{171}^5\ \Phi_{19}^5\ \Phi_{18}^6\ \Phi_9^6\ \Phi_1^6$
76684	1248	2142	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{119}$
76685	1248	1710	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{342}\ \Phi_{171}\ \Phi_{95}\ \Phi_{90}\ \Phi_{45}\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
76686	1248	234	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{234}^5\ \Phi_{117}^6\ \Phi_{78}^6\ \Phi_{39}^7\ \Phi_{26}^6\ \Phi_{13}^6$
76687	1248	1133	$\frac{3}{103}$	$\frac{2}{11}$	$\frac{25}{103}$	$\frac{3}{11}$	$\Phi_{1133}\ \Phi_{103}^2\ \Phi_{11}^2\ \Phi_1^4$
76688	1248	1485	$\frac{1}{27}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{165}\ \Phi_{135}^2\ \Phi_{45}^2\ \Phi_{15}^2$
76689	1248	1133	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1133}\ \Phi_{103}^2\ \Phi_{11}^2\ \Phi_1^4$
76690	1248	1386	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{198}\ \Phi_{126}^2\ \Phi_{66}\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_6^2$
76691	1248	1247	$\frac{35}{1247}$	$\frac{236}{1247}$	$\frac{303}{1247}$	$\frac{337}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76692	1248	1995	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{18}{95}$	$\frac{77}{285}$	$\Phi_{1995}\ \Phi_{399}\ \Phi_{133}\ \Phi_{105}\ \Phi_{21}$
76693	1248	1323	$\frac{1}{27}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{189}\ \Phi_{147}\ \Phi_{63}\ \Phi_{21}$
76694	1248	1247	$\frac{71}{1247}$	$\frac{147}{1247}$	$\frac{275}{1247}$	$\frac{324}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76695	1248	1358	$\frac{1}{14}$	$\frac{9}{97}$	$\frac{22}{97}$	$\frac{25}{97}$	$\Phi_{1358}\ \Phi_{679}\ \Phi_{194}$
76696	1248	43	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{10}{43}$	$\frac{11}{43}$	$\Phi_{43}^{29}\ \Phi_1^{30}$
76697	1248	1413	$\frac{9}{157}$	$\frac{1}{9}$	$\frac{37}{157}$	$\frac{40}{157}$	$\Phi_{1413}\ \Phi_{471}$
76698	1248	1247	$\frac{39}{1247}$	$\frac{233}{1247}$	$\frac{302}{1247}$	$\frac{315}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76699	1248	1565	$\frac{9}{313}$	$\frac{1}{5}$	$\frac{76}{313}$	$\frac{79}{313}$	Φ_{1565}
76700	1248	556	$\frac{3}{139}$	$\frac{34}{139}$	$\frac{1}{4}$	$\frac{35}{139}$	$\Phi_{556}^3\ \Phi_{278}^3\ \Phi_4^2\ \Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
76701	1248	528	$\frac{1}{33}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{132}\ \Phi_{88}^3\ \Phi_{66}\ \Phi_{48}^3\ \Phi_{44}\ \Phi_{24}^3\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
76702	1248	2060	$\frac{3}{103}$	$\frac{1}{5}$	$\frac{25}{103}$	$\frac{1}{4}$	$\Phi_{2060}\ \Phi_{1030}\ \Phi_{20}^2\ \Phi_{10}^2$
76703	1248	1668	$\frac{13}{417}$	$\frac{79}{417}$	$\frac{101}{417}$	$\frac{1}{4}$	$\Phi_{1668}\ \Phi_{834}\ \Phi_{556}\ \Phi_{278}\ \Phi_{12}\ \Phi_6$
76704	1248	1520	$\frac{3}{95}$	$\frac{3}{16}$	$\frac{23}{95}$	$\frac{1}{4}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{304}\ \Phi_{152}\ \Phi_{95}\ \Phi_{80}\ \Phi_{40}\ \Phi_{19}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
76705	1248	612	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{4}{17}$	$\frac{1}{4}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_6^4$
76706	1248	1668	$\frac{29}{417}$	$\frac{40}{417}$	$\frac{97}{417}$	$\frac{1}{4}$	$\Phi_{1668}\ \Phi_{834}\ \Phi_{556}\ \Phi_{278}\ \Phi_{12}\ \Phi_6$
76707	1248	868	$\frac{1}{14}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{4}$	$\Phi_{868}^2\ \Phi_{434}\ \Phi_{217}\ \Phi_{124}\ \Phi_{31}\ \Phi_{28}^4\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
76708	1248	1668	$\frac{25}{417}$	$\frac{49}{417}$	$\frac{92}{417}$	$\frac{1}{4}$	$\Phi_{1668}\ \Phi_{834}\ \Phi_{556}\ \Phi_{278}\ \Phi_{12}\ \Phi_6$
76709	1248	540	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{108}^4\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{30}^3\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_6^4$
76710	1248	400	$\frac{1}{25}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{400}^4\ \Phi_{200}^4\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{25}^4\ \Phi_{16}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_1^4$
76711	1248	1020	$\frac{1}{17}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}\ \Phi_{204}^2\ \Phi_{170}\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{34}^2$
76712	1248	2060	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2060}\ \Phi_{1030}\ \Phi_{20}^2\ \Phi_{10}^2$
76713	1248	1260	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{105}\ \Phi_{60}\ \Phi_{45}\ \Phi_{15}$
76714	1248	304	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{304}^5\ \Phi_{152}^5\ \Phi_{19}^5\ \Phi_{16}^6\ \Phi_8^6\ \Phi_1^6$
76715	1248	1904	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{119}$
76716	1248	1520	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{304}\ \Phi_{152}\ \Phi_{95}\ \Phi_{80}\ \Phi_{40}\ \Phi_{19}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
76717	1248	1872	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{312}\ \Phi_{117}\ \Phi_{39}$
76718	1248	391	$\frac{1}{17}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{4}{17}$	$\Phi_{391}^3\ \Phi_{23}^4\ \Phi_{17}^6\ \Phi_1^8$
76719	1248	595	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{17}$	$\Phi_{595}^3\ \Phi_{35}^4$
76720	1248	1247	$\frac{75}{1247}$	$\frac{159}{1247}$	$\frac{272}{1247}$	$\frac{293}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76721	1248	1463	$\frac{13}{209}$	$\frac{1}{7}$	$\frac{40}{209}$	$\frac{49}{209}$	$\Phi_{1463}\ \Phi_{133}\ \Phi_{77}$
76722	1248	705	$\frac{3}{47}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{11}{47}$	$\Phi_{705}^2\ \Phi_{235}\ \Phi_{141}^2\ \Phi_{47}^2\ \Phi_{15}^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
76723	1248	1247	$\frac{83}{1247}$	$\frac{168}{1247}$	$\frac{239}{1247}$	$\frac{291}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76724	1248	1565	$\frac{21}{313}$	$\frac{40}{313}$	$\frac{1}{5}$	$\frac{73}{313}$	Φ_{1565}
76725	1248	301	$\frac{3}{43}$	$\frac{33}{301}$	$\frac{67}{301}$	$\frac{10}{43}$	$\Phi_{301}^4\ \Phi_{43}^5\ \Phi_7^4\ \Phi_1^6$
76726	1248	1610	$\frac{1}{14}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{5}{23}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{230}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{10}^2$
76727	1248	1358	$\frac{1}{14}$	$\frac{13}{97}$	$\frac{19}{97}$	$\frac{21}{97}$	$\Phi_{1358}\ \Phi_{679}\ \Phi_{194}$
76728	1248	231	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{33}$	$\frac{7}{33}$	$\Phi_{231}^6\ \Phi_{77}^7\ \Phi_{21}^6\ \Phi_7^6$
76729	1248	1247	$\frac{77}{1247}$	$\frac{195}{1247}$	$\frac{246}{1247}$	$\frac{263}{1247}$	$\Phi_{1247}\ \Phi_{43}\ \Phi_{29}\ \Phi_1^2$
76730	1248	1565	$\frac{19}{313}$	$\frac{49}{313}$	$\frac{1}{5}$	$\frac{66}{313}$	Φ_{1565}
76731	1248	399	$\frac{5}{57}$	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{399}^4\ \Phi_{133}^3\ \Phi_{21}^4\ \Phi_7^2$
76732	1248	385	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{385}^3\ \Phi_{77}^4\ \Phi_{55}^3\ \Phi_{35}^3\ \Phi_{11}^4\ \Phi_7^4\ \Phi_5^6\ \Phi_1^8$
76733	1248	70	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{70}^{18}\ \Phi_{35}^{15}\ \Phi_{14}^{24}\ \Phi_{10}^{18}\ \Phi_7^{20}\ \Phi_5^{18}\ \Phi_2^{24}\ \Phi_1^{24}$
76734	1248	195	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{195}^8\ \Phi_{65}^5\ \Phi_{39}^8\ \Phi_{13}^4$
76735	1248	220	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{220}^6\ \Phi_{110}^6\ \Phi_{55}^3\ \Phi_{44}^8\ \Phi_{22}^8\ \Phi_{20}^6\ \Phi_{11}^4\ \Phi_{10}^6\ \Phi_5^6\ \Phi_4^8\ \Phi_2^8\ \Phi_1^8$
76736	1248	1625	$\frac{1}{13}$	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\Phi_{1625}\ \Phi_{65}$
76737	1248	705	$\frac{5}{47}$	$\frac{2}{15}$	$\frac{7}{47}$	$\frac{1}{5}$	$\Phi_{705}^2\ \Phi_{235}\ \Phi_{141}^2\ \Phi_{47}^2\ \Phi_{15}^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
76738	1248	315	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{315}^5\ \Phi_{105}^3\ \Phi_{63}^6\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_7^4$
76739	1249	1668	$\frac{2}{417}$	$\frac{419}{1668}$	$\frac{1}{3}$	$\frac{415}{834}$	$\Phi_{1668}\ \Phi_{556}\ \Phi_{417}\ \Phi_{139}\ \Phi_{12}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
76740	1249	2484	$\frac{7}{1242}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1235}{2484}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{276}\ \Phi_{108}\ \Phi_{92}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
76741	1249	2304	$\frac{1}{96}$	$\frac{97}{1152}$	$\frac{1055}{2304}$	$\frac{95}{192}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{192}\ \Phi_{64}\ \Phi_{1}$
76742	1249	1728	$\frac{1}{96}$	$\frac{97}{576}$	$\frac{479}{1728}$	$\frac{95}{192}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{64}\ \Phi_{54}\ \Phi_{27}\ \Phi_{1}$
76743	1249	1536	$\frac{1}{96}$	$\frac{287}{1536}$	$\frac{97}{384}$	$\frac{95}{192}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_{192}\ \Phi_{64}\ \Phi_{1}$
76744	1249	2448	$\frac{25}{1224}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1199}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
76745	1249	1680	$\frac{11}{420}$	$\frac{1}{12}$	$\frac{431}{1680}$	$\frac{409}{840}$	$\Phi_{1680}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
76746	1249	2432	$\frac{33}{1216}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{1183}{2432}$	$\Phi_{2432}\ \Phi_{128}\ \Phi_{64}\ \Phi_{1}$
76747	1249	2400	$\frac{49}{1200}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1151}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{60}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
76748	1249	1512	$\frac{11}{252}$	$\frac{1}{12}$	$\frac{263}{1512}$	$\frac{241}{504}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
76749	1249	1368	$\frac{5}{114}$	$\frac{119}{1368}$	$\frac{1}{6}$	$\frac{109}{228}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{171}\ \Phi_{152}\ \Phi_{114}\ \Phi_{72}\ \Phi_{57}\ \Phi_{38}\ \Phi_{36}\ \Phi_{24}\ \Phi_{19}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
76750	1249	2376	$\frac{61}{1188}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1127}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
76751	1249	1440	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{191}{1440}$	$\frac{169}{360}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
76752	1249	2352	$\frac{73}{1176}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1103}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
76753	1249	2340	$\frac{1}{39}$	$\frac{79}{1170}$	$\frac{38}{117}$	$\frac{1091}{2340}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{180}\ \Phi_{156}\ \Phi_{117}\ \Phi_{60}\ \Phi_{52}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
76754	1249	1320	$\frac{71}{1320}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
76755	1249	2304	$\frac{1}{48}$	$\frac{97}{1152}$	$\frac{47}{144}$	$\frac{1055}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
76756	1249	2304	$\frac{1}{32}$	$\frac{97}{1152}$	$\frac{31}{128}$	$\frac{1055}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{1}$
76757	1249	1716	$\frac{1}{39}$	$\frac{38}{429}$	$\frac{467}{1716}$	$\frac{391}{858}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{429}\ \Phi_{156}\ \Phi_{143}\ \Phi_{132}\ \Phi_{52}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
76758	1249	2280	$\frac{5}{114}$	$\frac{109}{1140}$	$\frac{1}{6}$	$\frac{1031}{2280}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{152}\ \Phi_{120}\ \Phi_{114}\ \Phi_{57}\ \Phi_{40}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
76759	1249	1728	$\frac{1}{48}$	$\frac{47}{432}$	$\frac{479}{1728}$	$\frac{385}{864}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
76760	1249	2240	$\frac{1}{32}$	$\frac{129}{1120}$	$\frac{31}{160}$	$\frac{991}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
76761	1249	1536	$\frac{1}{32}$	$\frac{31}{256}$	$\frac{287}{1536}$	$\frac{225}{512}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
76762	1249	1344	$\frac{95}{1344}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{168}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
76763	1249	1456	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{207}{1456}$	$\frac{157}{364}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{208}\ \Phi_{182}\ \Phi_{112}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
76764	1249	2184	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{157}{1092}$	$\frac{935}{2184}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{182}\ \Phi_{168}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{24}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
76765	1249	2160	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{169}{1080}$	$\frac{911}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
76766	1249	1320	$\frac{71}{1320}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
76767	1249	1560	$\frac{1}{52}$	$\frac{51}{260}$	$\frac{311}{1560}$	$\frac{209}{520}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{120}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
76768	1249	2080	$\frac{1}{52}$	$\frac{51}{260}$	$\frac{209}{1040}$	$\frac{831}{2080}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{260}\ \Phi_{160}\ \Phi_{130}\ \Phi_{65}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
76769	1249	2048	$\frac{1}{32}$	$\frac{31}{256}$	$\frac{225}{1024}$	$\frac{799}{2048}$	$\Phi_{2048}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
76770	1249	1260	$\frac{11}{1260}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
76771	1249	2016	$\frac{11}{252}$	$\frac{1}{12}$	$\frac{241}{1008}$	$\frac{767}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
76772	1249	1920	$\frac{1}{32}$	$\frac{31}{320}$	$\frac{289}{960}$	$\frac{671}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
76773	1249	1296	$\frac{47}{1296}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
76774	1249	1404	$\frac{1}{39}$	$\frac{155}{1404}$	$\frac{38}{117}$	$\frac{79}{234}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{156}\ \Phi_{117}\ \Phi_{108}\ \Phi_{54}\ \Phi_{52}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
76775	1249	1440	$\frac{1}{48}$	$\frac{191}{1440}$	$\frac{47}{144}$	$\frac{97}{288}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
76776	1249	1872	$\frac{1}{156}$	$\frac{155}{468}$	$\frac{623}{1872}$	$\frac{313}{936}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
76777	1249	1863	$\frac{7}{621}$	$\frac{2}{9}$	$\frac{614}{1863}$	$\frac{1}{3}$	$\Phi_{1863}\ \Phi_{81}\ \Phi_{9}\ \Phi_{1}$
76778	1249	1269	$\frac{20}{1269}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1269}\ \Phi_{423}\ \Phi_{141}\ \Phi_{47}\ \Phi_{9}\ \Phi_{1}$
76779	1249	1656	$\frac{7}{414}$	$\frac{2}{9}$	$\frac{407}{1656}$	$\frac{1}{3}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{92}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
76780	1249	1449	$\frac{7}{207}$	$\frac{200}{1449}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{161}\ \Phi_{63}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
76781	1249	1296	$\frac{47}{1296}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
76782	1249	1728	$\frac{1}{48}$	$\frac{97}{576}$	$\frac{479}{1728}$	$\frac{47}{144}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
76783	1249	1755	$\frac{1}{39}$	$\frac{79}{585}$	$\frac{506}{1755}$	$\frac{38}{117}$	$\Phi_{1755}\ \Phi_{351}\ \Phi_{135}\ \Phi_{117}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
76784	1249	1836	$\frac{25}{612}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{587}{1836}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{459}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
76785	1249	1620	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{371}{1620}$	$\frac{169}{540}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{162}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
76786	1249	1386	$\frac{5}{66}$	$\frac{137}{1386}$	$\frac{1}{6}$	$\frac{61}{198}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{126}\ \Phi_{77}\ \Phi_{66}\ \Phi_{63}\ \Phi_{42}\ \Phi_{33}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
76787	1249	1800	$\frac{49}{600}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{551}{1800}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
76788	1249	1782	$\frac{5}{66}$	$\frac{61}{594}$	$\frac{1}{6}$	$\frac{533}{1782}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{162}\ \Phi_{81}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
76789	1249	1764	$\frac{1}{12}$	$\frac{73}{588}$	$\frac{11}{84}$	$\frac{515}{1764}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{441}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
76790	1249	1638	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{389}{1638}$	$\frac{157}{546}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{234}\ \Phi_{182}\ \Phi_{126}\ \Phi_{117}\ \Phi_{91}\ \Phi_{63}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
76791	1249	1710	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{109}{570}$	$\frac{461}{1710}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{90}\ \Phi_{57}\ \Phi_{45}\ \Phi_{38}\ \Phi_{19}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
76792	1249	1536	$\frac{1}{32}$	$\frac{287}{1536}$	$\frac{31}{128}$	$\frac{97}{384}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{1}$
76793	1249	1584	$\frac{5}{66}$	$\frac{61}{396}$	$\frac{1}{6}$	$\frac{335}{1584}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
76794	1249	1440	$\frac{1}{12}$	$\frac{191}{1440}$	$\frac{11}{60}$	$\frac{49}{240}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
76795	1249	1500	$\frac{1}{12}$	$\frac{49}{300}$	$\frac{251}{1500}$	$\frac{11}{60}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
76796	1250	1992	$\frac{1}{249}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{124}{249}$	$\Phi_{1992}\ \Phi_{664}\ \Phi_{249}\ \Phi_{83}\ \Phi_{24}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
76797	1250	2232	$\frac{1}{124}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{123}{248}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{248}^2\ \Phi_{72}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
76798	1250	744	$\frac{1}{124}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{123}{248}$	$\Phi_{744}^3\ \Phi_{248}^4\ \Phi_{24}^3\ \Phi_{8}^4\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
76799	1250	2706	$\frac{2}{123}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{121}{246}$	$\Phi_{2706}\ \Phi_{902}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
76800	1250	2352	$\frac{1}{49}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{24}{49}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{112}\ \Phi_{49}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{7}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
76801	1250	1323	$\frac{1}{49}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{189}\ \Phi_{63}\ \Phi_{49}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
76802	1250	1764	$\frac{1}{49}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{24}{49}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{441}\ \Phi_{252}\ \Phi_{126}\ \Phi_{63}\ \Phi_{49}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
76803	1250	196	$\frac{1}{49}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{24}{49}$	$\Phi_{196}^6\ \Phi_{98}^6\ \Phi_{49}^7\ \Phi_{28}^7\ \Phi_{14}^7\ \Phi_7^8\ \Phi_4^6\ \Phi_2^6\ \Phi_1^8$
76804	1250	1568	$\frac{1}{49}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{24}{49}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{224}\ \Phi_{112}\ \Phi_{49}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_7\ \Phi_1^2$
76805	1250	294	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{24}{49}$	$\Phi_{294}^4\ \Phi_{147}^4\ \Phi_{98}^4\ \Phi_{49}^5\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_7^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
76806	1250	1848	$\frac{1}{42}$	$\frac{1}{11}$	$\frac{43}{168}$	$\frac{41}{84}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
76807	1250	1249	$\frac{41}{1249}$	$\frac{129}{1249}$	$\frac{224}{1249}$	$\frac{604}{1249}$	$\Phi_{1249}\ \Phi_1^2$
76808	1250	1506	$\frac{9}{251}$	$\frac{26}{251}$	$\frac{1}{6}$	$\frac{121}{251}$	$\Phi_{1506}\ \Phi_{753}\ \Phi_{502}$
76809	1250	624	$\frac{1}{26}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{624}^4\ \Phi_{208}^4\ \Phi_{78}\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{16}^2\ \Phi_6$
76810	1250	2352	$\frac{1}{24}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{23}{48}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{112}\ \Phi_{49}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_7\ \Phi_1^2$
76811	1250	528	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{23}{48}$	$\Phi_{528}^5\ \Phi_{176}^5\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
76812	1250	336	$\frac{1}{24}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{23}{48}$	$\Phi_{336}^7\ \Phi_{112}^7\ \Phi_{48}^8\ \Phi_{28}^2\ \Phi_{16}^8\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
76813	1250	2618	$\frac{6}{119}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{113}{238}$	$\Phi_{2618}\ \Phi_{374}\ \Phi_{154}\ \Phi_{77}\ \Phi_{22}$
76814	1250	1584	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{19}{144}$	$\frac{17}{36}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
76815	1250	442	$\frac{1}{26}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{442}^3\ \Phi_{221}^3\ \Phi_{34}\ \Phi_{26}^2\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_1^2$
76816	1250	2574	$\frac{8}{117}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{109}{234}$	$\Phi_{2574}\ \Phi_{858}\ \Phi_{286}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
76817	1250	308	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{13}{28}$	$\Phi_{308}^4\ \Phi_{154}^5\ \Phi_{77}^5\ \Phi_{44}^4\ \Phi_{22}^5\ \Phi_{11}^4$
76818	1250	558	$\frac{1}{62}$	$\frac{1}{9}$	$\frac{61}{186}$	$\frac{4}{9}$	$\Phi_{558}^2\ \Phi_{279}^2\ \Phi_{186}^3\ \Phi_{93}^3\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
76819	1250	1152	$\frac{3}{128}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}^2\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
76820	1250	279	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{6}{31}$	$\frac{4}{9}$	$\Phi_{279}^4\ \Phi_{93}^4\ \Phi_{31}^8\ \Phi_9^5\ \Phi_3^5\ \Phi_1^{10}$
76821	1250	234	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{234}^5\ \Phi_{117}^5\ \Phi_{78}^7\ \Phi_{39}^7\ \Phi_{26}^6\ \Phi_{18}^2\ \Phi_{13}^6\ \Phi_9^3\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
76822	1250	2464	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{112}$	$\frac{99}{224}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{154}\ \Phi_{77}\ \Phi_{22}$
76823	1250	2376	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{17}{108}$	$\frac{91}{216}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
76824	1250	1249	$\frac{29}{1249}$	$\frac{201}{1249}$	$\frac{244}{1249}$	$\frac{524}{1249}$	$\Phi_{1249}\ \Phi_1^2$
76825	1250	132	$\frac{7}{132}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{132}^9\ \Phi_{66}^{10}\ \Phi_{44}^9\ \Phi_{33}^{10}\ \Phi_{22}^{10}\ \Phi_{12}^{10}\ \Phi_{11}^9\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{10}$
76826	1250	442	$\frac{1}{26}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{442}^3\ \Phi_{221}^3\ \Phi_{34}^3\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_2^2$
76827	1250	462	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{4}{21}$	$\frac{17}{42}$	$\Phi_{462}^5\ \Phi_{231}\ \Phi_{154}^5\ \Phi_{77}\ \Phi_{66}^5\ \Phi_{33}\ \Phi_{22}^5$
76828	1250	1249	$\frac{44}{1249}$	$\frac{149}{1249}$	$\frac{241}{1249}$	$\frac{504}{1249}$	$\Phi_{1249}\ \Phi_1^2$
76829	1250	1506	$\frac{6}{251}$	$\frac{1}{6}$	$\frac{49}{251}$	$\frac{101}{251}$	$\Phi_{1506}\ \Phi_{753}\ \Phi_{502}$
76830	1250	504	$\frac{1}{126}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{504}^4\ \Phi_{168}^4\ \Phi_{126}^2\ \Phi_{72}^4\ \Phi_{63}^2\ \Phi_{56}^4\ \Phi_{42}^2\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_8^4\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76831	1250	664	$\frac{1}{83}$	$\frac{41}{166}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{664}^3\ \Phi_{166}^2\ \Phi_{83}\ \Phi_8^4\ \Phi_2^2\ \Phi_1^2$
76832	1250	1992	$\frac{4}{249}$	$\frac{49}{249}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1992}\ \Phi_{664}\ \Phi_{249}\ \Phi_{83}\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
76833	1250	408	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^5\ \Phi_{136}^5\ \Phi_{102}^3\ \Phi_{51}^2\ \Phi_{34}^3\ \Phi_{24}^3\ \Phi_{17}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
76834	1250	664	$\frac{3}{83}$	$\frac{8}{83}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{664}^3\ \Phi_{83}^3\ \Phi_8^4\ \Phi_1^4$
76835	1250	1144	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1144}^2\ \Phi_{286}\ \Phi_{143}\ \Phi_{88}\ \Phi_{22}$
76836	1250	702	$\frac{1}{26}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}\ \Phi_{54}^2\ \Phi_{39}\ \Phi_{18}^2\ \Phi_6$
76837	1250	186	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{61}{186}$	$\frac{1}{3}$	$\Phi_{186}^7\ \Phi_{93}^7\ \Phi_{62}^6\ \Phi_{31}^6\ \Phi_6^9\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
76838	1250	468	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{117}^4\ \Phi_{78}\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
76839	1250	384	$\frac{3}{128}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^4\ \Phi_{96}^3\ \Phi_{64}^4\ \Phi_{48}^3\ \Phi_{32}^4\ \Phi_{24}^3\ \Phi_{16}^4\ \Phi_{8}^4\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
76840	1250	1092	$\frac{1}{26}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{273}^2\ \Phi_{84}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{21}\ \Phi_{6}$
76841	1250	1248	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{1248}^2\ \Phi_{624}^2\ \Phi_{96}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{6}$
76842	1250	186	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{6}{31}$	$\frac{1}{3}$	$\Phi_{186}^8\ \Phi_{93}^4\ \Phi_{62}^8\ \Phi_{31}^8\ \Phi_{6}^{10}\ \Phi_{3}^5\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
76843	1250	1878	$\frac{21}{626}$	$\frac{101}{626}$	$\frac{121}{626}$	$\frac{1}{3}$	$\Phi_{1878}\ \Phi_{939}\ \Phi_{6}$
76844	1250	1323	$\frac{2}{27}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{1}{3}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{189}\ \Phi_{63}\ \Phi_{49}\ \Phi_{27}^2\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
76845	1250	78	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{78}^{17}\ \Phi_{39}^{17}\ \Phi_{26}^{16}\ \Phi_{13}^{16}\ \Phi_{6}^9\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^8$
76846	1250	594	$\frac{2}{27}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{594}^3\ \Phi_{297}^2\ \Phi_{198}^3\ \Phi_{99}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
76847	1250	756	$\frac{2}{27}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{63}\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
76848	1250	1782	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{37}{162}$	$\frac{17}{54}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
76849	1250	1764	$\frac{4}{49}$	$\frac{1}{12}$	$\frac{9}{49}$	$\frac{11}{36}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{441}\ \Phi_{252}\ \Phi_{126}\ \Phi_{63}\ \Phi_{49}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
76850	1250	396	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{11}{36}$	$\Phi_{396}^5\ \Phi_{198}^5\ \Phi_{99}^5\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
76851	1250	252	$\frac{1}{12}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{11}{36}$	$\Phi_{252}^7\ \Phi_{126}^7\ \Phi_{63}^7\ \Phi_{36}^8\ \Phi_{28}^2\ \Phi_{18}^8\ \Phi_{14}^2\ \Phi_{9}^8\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
76852	1250	308	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{308}^5\ \Phi_{154}^5\ \Phi_{77}^3\ \Phi_{44}^5\ \Phi_{22}^5\ \Phi_{11}^2$
76853	1250	1848	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{56}$	$\frac{43}{168}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{77}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
76854	1250	196	$\frac{4}{49}$	$\frac{3}{28}$	$\frac{9}{49}$	$\frac{1}{4}$	$\Phi_{196}^6\ \Phi_{98}^6\ \Phi_{49}^7\ \Phi_{28}^7\ \Phi_{14}^7\ \Phi_{7}^8\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^8$
76855	1250	924	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}\ \Phi_{231}^2\ \Phi_{154}\ \Phi_{77}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
76856	1250	28	$\frac{3}{28}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{28}^{45}\ \Phi_{14}^{45}\ \Phi_{7}^{44}\ \Phi_{4}^{44}\ \Phi_{2}^{44}\ \Phi_{1}^{44}$
76857	1250	1568	$\frac{4}{49}$	$\frac{1}{8}$	$\frac{9}{49}$	$\frac{7}{32}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{224}\ \Phi_{112}\ \Phi_{49}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{7}\ \Phi_{1}^2$
76858	1250	1056	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{32}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}\ \Phi_{176}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
76859	1250	224	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{32}$	$\Phi_{224}^7\ \Phi_{112}^7\ \Phi_{32}^8\ \Phi_{28}^2\ \Phi_{16}^8\ \Phi_{14}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
76860	1250	1584	$\frac{1}{11}$	$\frac{19}{144}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
76861	1250	294	$\frac{4}{49}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{9}{49}$	$\Phi_{294}^4\ \Phi_{147}^4\ \Phi_{98}^4\ \Phi_{49}^5\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{7}^5\ \Phi_{6}^8\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^{10}$
76862	1250	1249	$\frac{104}{1249}$	$\frac{204}{1249}$	$\frac{209}{1249}$	$\frac{229}{1249}$	$\Phi_{1249}\ \Phi_{1}^2$
76863	1250	1506	$\frac{21}{251}$	$\frac{41}{251}$	$\frac{1}{6}$	$\frac{46}{251}$	$\Phi_{1506}\ \Phi_{753}\ \Phi_{502}$
76864	1250	66	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{66}^{21}\ \Phi_{33}^{21}\ \Phi_{22}^{21}\ \Phi_{11}^{20}$
76865	1250	84	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{84}^{16}\ \Phi_{42}^{12}\ \Phi_{28}^{18}\ \Phi_{21}^{12}\ \Phi_{14}^{14}\ \Phi_{12}^{16}\ \Phi_{7}^{13}\ \Phi_{6}^{16}\ \Phi_{4}^{18}\ \Phi_{3}^{16}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
76866	1251	2000	$\frac{1}{250}$	$\frac{251}{1000}$	$\frac{749}{2000}$	$\frac{249}{500}$	$\Phi_{2000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{100}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
76867	1251	1104	$\frac{1}{138}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{137}{276}$	$\Phi_{1104}^2\ \Phi_{368}^2\ \Phi_{276}\ \Phi_{92}\ \Phi_{48}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
76868	1251	276	$\frac{1}{138}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{137}{276}$	$\Phi_{276}^5\ \Phi_{138}^4\ \Phi_{92}^5\ \Phi_{69}^4\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{12}^5\ \Phi_{6}^4\ \Phi_{4}^7\ \Phi_{3}^4\ \Phi_{2}^6\ \Phi_{1}^7$
76869	1251	2480	$\frac{11}{1240}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1229}{2480}$	$\Phi_{2480}\ \Phi_{496}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
76870	1251	820	$\frac{7}{410}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{403}{820}$	$\Phi_{820}^3\ \Phi_{164}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^3\ \Phi_{2}^2\ \Phi_{1}^3$
76871	1251	800	$\frac{1}{50}$	$\frac{17}{400}$	$\frac{383}{800}$	$\frac{49}{100}$	$\Phi_{800}^3\ \Phi_{160}^3\ \Phi_{100}\ \Phi_{32}^3\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
76872	1251	200	$\frac{1}{50}$	$\frac{17}{200}$	$\frac{61}{200}$	$\frac{49}{100}$	$\Phi_{200}^6\ \Phi_{100}^7\ \Phi_{50}^6\ \Phi_{40}^6\ \Phi_{25}^6\ \Phi_{20}^7\ \Phi_{10}^6\ \Phi_{8}^6\ \Phi_{5}^6\ \Phi_{4}^7\ \Phi_{2}^6\ \Phi_{1}^7$
76873	1251	1400	$\frac{1}{50}$	$\frac{149}{1400}$	$\frac{51}{200}$	$\frac{49}{100}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
76874	1251	1600	$\frac{1}{50}$	$\frac{51}{400}$	$\frac{349}{1600}$	$\frac{49}{100}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{320}\ \Phi_{160}\ \Phi_{100}\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
76875	1251	500	$\frac{1}{50}$	$\frac{83}{500}$	$\frac{17}{100}$	$\frac{49}{100}$	$\Phi_{500}^3\ \Phi_{250}^3\ \Phi_{125}^3\ \Phi_{100}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
76876	1251	560	$\frac{3}{140}$	$\frac{1}{10}$	$\frac{143}{560}$	$\frac{137}{280}$	$\Phi_{560}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_{7}^3\ \Phi_{5}^2\ \Phi_{4}^3\ \Phi_{2}^2\ \Phi_{1}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
76877	1251	1360	$\frac{3}{136}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{133}{272}$	$\Phi_{1360}^2\ \Phi_{272}\ \Phi_{80}^2\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
76878	1251	1628	$\frac{10}{407}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{397}{814}$	$\Phi_{1628}\ \Phi_{407}\ \Phi_{148}\ \Phi_{44}^2\ \Phi_{37}\ \Phi_{22}\ \Phi_{11}\ \Phi_4\ \Phi_1$
76879	1251	152	$\frac{1}{38}$	$\frac{13}{152}$	$\frac{1}{4}$	$\frac{37}{76}$	$\Phi_{152}^9\ \Phi_{76}^8\ \Phi_{38}^7\ \Phi_{19}^7\ \Phi_8^9\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
76880	1251	270	$\frac{4}{135}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{131}{270}$	$\Phi_{270}^4\ \Phi_{135}^5\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^5\ \Phi_{30}^4\ \Phi_{27}^5\ \Phi_{18}^4\ \Phi_{15}^5\ \Phi_{10}^8\ \Phi_9^5\ \Phi_6^4\ \Phi_5^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^9$
76881	1251	840	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{29}{168}$	$\frac{27}{56}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
76882	1251	800	$\frac{1}{25}$	$\frac{17}{400}$	$\frac{8}{25}$	$\frac{383}{800}$	$\Phi_{800}^3\ \Phi_{160}^3\ \Phi_{32}^3\ \Phi_{25}^2\ \Phi_5^2\ \Phi_1^3$
76883	1251	800	$\frac{17}{400}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{383}{800}$	$\Phi_{800}^3\ \Phi_{160}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
76884	1251	532	$\frac{6}{133}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{127}{266}$	$\Phi_{532}^3\ \Phi_{133}^3\ \Phi_{76}^4\ \Phi_{38}\ \Phi_{28}^3\ \Phi_{19}^3\ \Phi_7^3\ \Phi_4^3\ \Phi_1^3$
76885	1251	1330	$\frac{6}{133}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{127}{266}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{190}\ \Phi_{133}\ \Phi_{95}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{19}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
76886	1251	440	$\frac{1}{22}$	$\frac{23}{440}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{88}^3\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{40}^3\ \Phi_{22}\ \Phi_{20}^3\ \Phi_{11}\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
76887	1251	160	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{21}{160}$	$\frac{19}{40}$	$\Phi_{160}^9\ \Phi_{80}^9\ \Phi_{32}^9\ \Phi_{20}^9\ \Phi_{16}^9\ \Phi_{10}^8\ \Phi_5^8\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
76888	1251	2380	$\frac{61}{1190}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1129}{2380}$	$\Phi_{2380}\ \Phi_{476}\ \Phi_{340}\ \Phi_{140}\ \Phi_{70}\ \Phi_{68}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
76889	1251	264	$\frac{1}{22}$	$\frac{7}{132}$	$\frac{1}{4}$	$\frac{125}{264}$	$\Phi_{264}^9\ \Phi_{88}^9\ \Phi_{44}^2\ \Phi_{24}^9\ \Phi_{22}\ \Phi_{11}\ \Phi_8^9\ \Phi_4\ \Phi_1$
76890	1251	1700	$\frac{1}{25}$	$\frac{24}{425}$	$\frac{449}{1700}$	$\frac{401}{850}$	$\Phi_{1700}\ \Phi_{425}\ \Phi_{340}\ \Phi_{100}\ \Phi_{85}\ \Phi_{68}\ \Phi_{20}\ \Phi_{17}\ \Phi_4\ \Phi_1$
76891	1251	1400	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{149}{1400}$	$\frac{131}{280}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{200}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
76892	1251	260	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{121}{260}$	$\Phi_{260}^9\ \Phi_{52}^9\ \Phi_{20}^9\ \Phi_{10}^8\ \Phi_5^8\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
76893	1251	760	$\frac{1}{38}$	$\frac{37}{380}$	$\frac{1}{4}$	$\frac{343}{760}$	$\Phi_{760}^3\ \Phi_{152}^3\ \Phi_{76}^2\ \Phi_{40}^3\ \Phi_{38}\ \Phi_{19}\ \Phi_8^3\ \Phi_4\ \Phi_1$
76894	1251	620	$\frac{11}{620}$	$\frac{1}{10}$	$\frac{203}{620}$	$\frac{9}{20}$	$\Phi_{620}^2\ \Phi_{310}^2\ \Phi_{155}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
76895	1251	1280	$\frac{29}{1280}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
76896	1251	1260	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{126}$	$\frac{113}{252}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{36}\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
76897	1251	2240	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{131}{1120}$	$\frac{989}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{140}\ \Phi_{70}\ \Phi_{64}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
76898	1251	2256	$\frac{2}{141}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2256}\ \Phi_{752}\ \Phi_{141}\ \Phi_{47}\ \Phi_{16}\ \Phi_1$
76899	1251	3312	$\frac{1}{69}$	$\frac{1}{8}$	$\frac{68}{207}$	$\frac{7}{16}$	$\Phi_{3312}\ \Phi_{207}\ \Phi_{144}\ \Phi_{16}\ \Phi_9\ \Phi_1$
76900	1251	368	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{45}{184}$	$\frac{7}{16}$	$\Phi_{368}^6\ \Phi_{184}\ \Phi_{92}\ \Phi_{16}^7\ \Phi_8\ \Phi_4\ \Phi_1$
76901	1251	144	$\frac{5}{144}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{144}^9\ \Phi_{72}^9\ \Phi_{48}^7\ \Phi_{36}^9\ \Phi_{24}^9\ \Phi_{18}^9\ \Phi_{16}^8\ \Phi_{12}^9\ \Phi_9^9\ \Phi_8^9\ \Phi_6^8\ \Phi_4^9\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
76902	1251	2576	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{22}{161}$	$\frac{7}{16}$	$\Phi_{2576}\ \Phi_{161}\ \Phi_{112}\ \Phi_{16}\ \Phi_7\ \Phi_1$
76903	1251	440	$\frac{23}{440}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{88}^3\ \Phi_{55}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{20}^3\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
76904	1251	240	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{19}{120}$	$\frac{101}{240}$	$\Phi_{240}^9\ \Phi_{80}^9\ \Phi_{48}^9\ \Phi_{20}^9\ \Phi_{16}^9\ \Phi_{10}^8\ \Phi_5^8\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
76905	1251	700	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{67}{350}$	$\frac{283}{700}$	$\Phi_{700}^3\ \Phi_{140}^3\ \Phi_{100}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
76906	1251	415	$\frac{4}{415}$	$\frac{1}{5}$	$\frac{137}{415}$	$\frac{2}{5}$	$\Phi_{415}^3\ \Phi_{83}^3\ \Phi_5^4\ \Phi_1^5$
76907	1251	1120	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{27}{112}$	$\frac{85}{224}$	$\Phi_{1120}^2\ \Phi_{224}\ \Phi_{160}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
76908	1251	720	$\frac{5}{144}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
76909	1251	150	$\frac{1}{25}$	$\frac{11}{150}$	$\frac{8}{25}$	$\frac{17}{50}$	$\Phi_{150}^{9}\,\Phi_{75}^{9}\,\Phi_{50}^{6}\,\Phi_{30}^{9}\,\Phi_{25}^{8}\,\Phi_{15}^{9}\,\Phi_{10}^{6}\,\Phi_{6}^{9}\,\Phi_{5}^{8}\,\Phi_{3}^{9}\,\Phi_{2}^{6}\,\Phi_{1}^{9}$
76910	1251	210	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{34}{105}$	$\frac{71}{210}$	$\Phi_{210}^{4}\,\Phi_{105}^{5}\,\Phi_{70}^{9}\,\Phi_{42}^{4}\,\Phi_{35}^{9}\,\Phi_{30}^{4}\,\Phi_{21}^{5}\,\Phi_{15}^{5}\,\Phi_{14}^{9}\,\Phi_{10}^{8}\,\Phi_{7}^{9}\,\Phi_{6}^{4}\,\Phi_{5}^{8}\,\Phi_{3}^{5}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
76911	1251	564	$\frac{2}{141}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{564}^{2}\,\Phi_{282}^{2}\,\Phi_{188}^{2}\,\Phi_{141}^{3}\,\Phi_{94}^{2}\,\Phi_{47}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
76912	1251	828	$\frac{1}{69}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{68}{207}$	$\Phi_{828}^{2}\,\Phi_{414}^{2}\,\Phi_{207}^{3}\,\Phi_{36}^{2}\,\Phi_{18}^{2}\,\Phi_{9}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
76913	1251	200	$\frac{1}{25}$	$\frac{17}{200}$	$\frac{61}{200}$	$\frac{8}{25}$	$\Phi_{200}^{6}\,\Phi_{100}^{6}\,\Phi_{50}^{6}\,\Phi_{40}^{6}\,\Phi_{25}^{8}\,\Phi_{20}^{6}\,\Phi_{10}^{6}\,\Phi_{8}^{6}\,\Phi_{5}^{8}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{9}$
76914	1251	500	$\frac{1}{25}$	$\frac{83}{500}$	$\frac{17}{100}$	$\frac{8}{25}$	$\Phi_{500}^{3}\,\Phi_{250}^{3}\,\Phi_{125}^{3}\,\Phi_{25}^{2}\,\Phi_{5}^{2}\,\Phi_{1}^{3}$
76915	1251	1020	$\frac{3}{68}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{65}{204}$	$\Phi_{1020}^{2}\,\Phi_{510}^{2}\,\Phi_{255}^{2}\,\Phi_{204}\,\Phi_{102}\,\Phi_{60}^{2}\,\Phi_{51}\,\Phi_{30}^{2}\,\Phi_{20}^{2}\,\Phi_{15}^{2}\,\Phi_{12}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
76916	1251	308	$\frac{1}{22}$	$\frac{15}{154}$	$\frac{1}{4}$	$\frac{7}{22}$	$\Phi_{308}^{6}\,\Phi_{154}^{3}\,\Phi_{77}^{3}\,\Phi_{44}^{2}\,\Phi_{28}^{6}\,\Phi_{22}\,\Phi_{14}^{3}\,\Phi_{11}\,\Phi_{7}^{3}\,\Phi_{4}\,\Phi_{1}$
76917	1251	180	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{41}{180}$	$\frac{19}{60}$	$\Phi_{180}^{9}\,\Phi_{90}^{9}\,\Phi_{45}^{9}\,\Phi_{36}^{9}\,\Phi_{20}^{9}\,\Phi_{18}^{9}\,\Phi_{10}^{8}\,\Phi_{9}^{9}\,\Phi_{5}^{8}\,\Phi_{4}^{9}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
76918	1251	152	$\frac{1}{19}$	$\frac{13}{152}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{152}^{9}\,\Phi_{76}^{7}\,\Phi_{38}^{7}\,\Phi_{19}^{9}\,\Phi_{8}^{9}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{9}$
76919	1251	840	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{29}{168}$	$\frac{13}{42}$	$\Phi_{840}^{2}\,\Phi_{420}^{2}\,\Phi_{280}^{2}\,\Phi_{168}\,\Phi_{140}^{2}\,\Phi_{120}^{2}\,\Phi_{84}\,\Phi_{70}^{2}\,\Phi_{60}^{2}\,\Phi_{56}\,\Phi_{40}^{2}\,\Phi_{35}^{2}\,\Phi_{28}\,\Phi_{24}\,\Phi_{20}^{2}\,\Phi_{14}\,\Phi_{12}\,\Phi_{10}\,\Phi_{8}\,\Phi_{7}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
76920	1251	200	$\frac{17}{200}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{61}{200}$	$\Phi_{200}^{6}\,\Phi_{100}^{6}\,\Phi_{50}^{6}\,\Phi_{40}^{6}\,\Phi_{25}^{6}\,\Phi_{20}^{9}\,\Phi_{10}^{8}\,\Phi_{8}^{6}\,\Phi_{5}^{8}\,\Phi_{4}^{9}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
76921	1251	396	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{1}{4}$	$\frac{59}{198}$	$\Phi_{396}^{6}\,\Phi_{198}^{3}\,\Phi_{99}^{3}\,\Phi_{44}^{2}\,\Phi_{36}^{6}\,\Phi_{22}\,\Phi_{18}^{3}\,\Phi_{11}\,\Phi_{9}^{3}\,\Phi_{4}\,\Phi_{1}$
76922	1251	380	$\frac{1}{38}$	$\frac{37}{190}$	$\frac{1}{4}$	$\frac{51}{190}$	$\Phi_{380}^{4}\,\Phi_{190}^{2}\,\Phi_{95}^{2}\,\Phi_{76}^{6}\,\Phi_{38}^{3}\,\Phi_{20}^{4}\,\Phi_{19}^{3}\,\Phi_{10}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
76923	1251	150	$\frac{11}{150}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{150}^{9}\,\Phi_{75}^{9}\,\Phi_{50}^{9}\,\Phi_{30}^{4}\,\Phi_{25}^{5}\,\Phi_{15}^{8}\,\Phi_{10}^{4}\,\Phi_{6}^{8}\,\Phi_{5}^{3}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
76924	1251	560	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{131}{560}$	$\frac{143}{560}$	$\Phi_{560}^{2}\,\Phi_{280}^{2}\,\Phi_{140}^{3}\,\Phi_{112}^{2}\,\Phi_{80}^{2}\,\Phi_{70}^{3}\,\Phi_{56}^{2}\,\Phi_{40}^{2}\,\Phi_{35}^{3}\,\Phi_{28}^{3}\,\Phi_{20}^{3}\,\Phi_{16}^{2}\,\Phi_{14}^{3}\,\Phi_{10}^{2}\,\Phi_{8}^{2}\,\Phi_{7}^{3}\,\Phi_{5}^{2}\,\Phi_{4}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
76925	1251	184	$\frac{1}{46}$	$\frac{45}{184}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{184}^{9}\,\Phi_{92}^{5}\,\Phi_{46}^{4}\,\Phi_{23}^{4}\,\Phi_{8}^{9}\,\Phi_{4}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
76926	1251	144	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{144}^{9}\,\Phi_{72}^{9}\,\Phi_{48}^{9}\,\Phi_{36}^{9}\,\Phi_{24}^{9}\,\Phi_{18}^{9}\,\Phi_{16}^{9}\,\Phi_{12}^{5}\,\Phi_{9}^{9}\,\Phi_{8}^{9}\,\Phi_{6}^{4}\,\Phi_{4}^{7}\,\Phi_{3}^{4}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
76927	1251	644	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{644}^{2}\,\Phi_{322}^{2}\,\Phi_{161}^{3}\,\Phi_{28}^{2}\,\Phi_{14}^{2}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
76928	1251	532	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{115}{532}$	$\frac{1}{4}$	$\Phi_{532}^{2}\,\Phi_{266}^{2}\,\Phi_{133}^{3}\,\Phi_{76}^{3}\,\Phi_{38}^{3}\,\Phi_{28}^{2}\,\Phi_{19}^{3}\,\Phi_{14}^{2}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
76929	1251	176	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{37}{176}$	$\frac{1}{4}$	$\Phi_{176}^{9}\,\Phi_{88}^{9}\,\Phi_{44}^{2}\,\Phi_{22}\,\Phi_{16}^{9}\,\Phi_{11}\,\Phi_{8}^{9}\,\Phi_{4}\,\Phi_{1}$
76930	1251	180	$\frac{4}{45}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{41}{180}$	$\Phi_{180}^{9}\,\Phi_{90}^{4}\,\Phi_{60}^{9}\,\Phi_{45}^{5}\,\Phi_{36}^{9}\,\Phi_{30}^{4}\,\Phi_{20}^{9}\,\Phi_{18}^{4}\,\Phi_{15}^{5}\,\Phi_{12}^{9}\,\Phi_{10}^{8}\,\Phi_{9}^{5}\,\Phi_{6}^{4}\,\Phi_{5}^{8}\,\Phi_{4}^{9}\,\Phi_{3}^{5}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
76931	1251	160	$\frac{1}{10}$	$\frac{21}{160}$	$\frac{3}{20}$	$\frac{17}{80}$	$\Phi_{160}^{9}\,\Phi_{80}^{6}\,\Phi_{40}^{6}\,\Phi_{32}^{9}\,\Phi_{20}^{9}\,\Phi_{16}^{6}\,\Phi_{10}^{8}\,\Phi_{8}^{6}\,\Phi_{5}^{8}\,\Phi_{4}^{9}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
76932	1251	500	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{83}{500}$	$\frac{17}{100}$	$\Phi_{500}^{3}\,\Phi_{250}^{3}\,\Phi_{125}^{3}\,\Phi_{20}^{3}\,\Phi_{10}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
76933	1252	624	$\frac{1}{312}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{311}{624}$	$\Phi_{624}^{4}\,\Phi_{208}^{4}\,\Phi_{48}^{4}\,\Phi_{16}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
76934	1252	1254	$\frac{1}{209}$	$\frac{105}{418}$	$\frac{1}{3}$	$\frac{104}{209}$	$\Phi_{1254}^{2}\,\Phi_{627}\,\Phi_{114}^{2}\,\Phi_{66}^{2}\,\Phi_{57}\,\Phi_{33}\,\Phi_{6}^{2}$
76935	1252	556	$\frac{1}{139}$	$\frac{35}{278}$	$\frac{243}{556}$	$\frac{69}{139}$	$\Phi_{556}^{4}\,\Phi_{139}\,\Phi_{4}^{4}\,\Phi_{1}^{2}$
76936	1252	417	$\frac{1}{139}$	$\frac{104}{417}$	$\frac{35}{139}$	$\frac{69}{139}$	$\Phi_{417}^{4}\,\Phi_{139}\,\Phi_{3}^{4}\,\Phi_{1}^{2}$
76937	1252	621	$\frac{5}{621}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{308}{621}$	$\Phi_{621}^{2}\,\Phi_{207}^{2}\,\Phi_{69}^{2}\,\Phi_{27}^{2}\,\Phi_{23}^{2}\,\Phi_{9}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
76938	1252	1848	$\frac{5}{308}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{303}{616}$	$\Phi_{1848}^{2}\,\Phi_{264}^{2}\,\Phi_{168}^{2}\,\Phi_{33}\,\Phi_{24}^{2}$
76939	1252	342	$\frac{1}{57}$	$\frac{29}{342}$	$\frac{1}{3}$	$\frac{28}{57}$	$\Phi_{342}^{4}\,\Phi_{171}^{4}\,\Phi_{114}^{4}\,\Phi_{57}^{2}\,\Phi_{38}^{4}\,\Phi_{19}^{2}\,\Phi_{18}^{4}\,\Phi_{9}^{4}\,\Phi_{6}^{4}\,\Phi_{3}\,\Phi_{2}^{4}\,\Phi_{1}^{2}$
76940	1252	612	$\frac{7}{306}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{299}{612}$	$\Phi_{612}^{4}\,\Phi_{204}^{4}\,\Phi_{68}^{4}\,\Phi_{36}^{4}\,\Phi_{12}^{4}\,\Phi_{9}^{3}\,\Phi_{4}^{4}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
76941	1252	1221	$\frac{31}{1221}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{595}{1221}$	$\Phi_{1221}\,\Phi_{407}\,\Phi_{111}\,\Phi_{37}\,\Phi_{33}^{2}\,\Phi_{11}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
76942	1252	1824	$\frac{9}{304}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{295}{608}$	$\Phi_{1824}^{2}\,\Phi_{96}^{2}\,\Phi_{57}$
76943	1252	330	$\frac{1}{33}$	$\frac{17}{330}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{330}^{4}\,\Phi_{165}^{4}\,\Phi_{110}^{4}\,\Phi_{66}^{4}\,\Phi_{55}^{4}\,\Phi_{33}^{2}\,\Phi_{30}^{4}\,\Phi_{22}^{4}\,\Phi_{15}^{4}\,\Phi_{11}^{2}\,\Phi_{10}^{4}\,\Phi_{6}^{4}\,\Phi_{5}^{4}\,\Phi_{3}\,\Phi_{2}^{4}\,\Phi_{1}^{2}$
76944	1252	1215	$\frac{37}{1215}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{589}{1215}$	$\Phi_{1215}\,\Phi_{405}\,\Phi_{243}\,\Phi_{135}\,\Phi_{81}\,\Phi_{45}^{2}\,\Phi_{27}\,\Phi_{15}^{2}\,\Phi_{9}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
76945	1252	378	$\frac{2}{63}$	$\frac{1}{9}$	$\frac{65}{378}$	$\frac{61}{126}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{63}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_{21}^4\ \Phi_9^3\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
76946	1252	360	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{47}{360}$	$\frac{43}{90}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_5^4\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
76947	1252	1197	$\frac{2}{57}$	$\frac{55}{1197}$	$\frac{1}{3}$	$\frac{571}{1197}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{171}\ \Phi_{133}\ \Phi_{63}\ \Phi_{57}^2\ \Phi_{21}\ \Phi_{19}^2\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
76948	1252	1197	$\frac{55}{1197}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{571}{1197}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{171}\ \Phi_{133}\ \Phi_{63}^2\ \Phi_{57}\ \Phi_{21}^2\ \Phi_{19}\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
76949	1252	969	$\frac{10}{323}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{969}^2\ \Phi_{57}\ \Phi_{51}^2$
76950	1252	594	$\frac{1}{33}$	$\frac{16}{297}$	$\frac{1}{3}$	$\frac{281}{594}$	$\Phi_{594}^4\ \Phi_{198}^4\ \Phi_{66}^4\ \Phi_{54}^4\ \Phi_{33}^2\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{11}^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
76951	1252	585	$\frac{41}{585}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{272}{585}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{117}^2\ \Phi_{65}^2\ \Phi_{45}^4\ \Phi_{39}^2\ \Phi_{15}^4\ \Phi_{13}^2\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
76952	1252	957	$\frac{6}{319}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{957}^2\ \Phi_{87}^2\ \Phi_{33}$
76953	1252	570	$\frac{1}{57}$	$\frac{28}{285}$	$\frac{1}{3}$	$\frac{257}{570}$	$\Phi_{570}^4\ \Phi_{190}^4\ \Phi_{114}^4\ \Phi_{57}^2\ \Phi_{38}^4\ \Phi_{30}^4\ \Phi_{19}^2\ \Phi_{10}^4\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
76954	1252	567	$\frac{4}{63}$	$\frac{59}{567}$	$\frac{1}{9}$	$\frac{254}{567}$	$\Phi_{567}^2\ \Phi_{189}^2\ \Phi_{81}^2\ \Phi_{63}^4\ \Phi_{27}^2\ \Phi_{21}^4\ \Phi_9^3\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
76955	1252	414	$\frac{5}{207}$	$\frac{1}{9}$	$\frac{101}{414}$	$\frac{4}{9}$	$\Phi_{414}^4\ \Phi_{207}^2\ \Phi_{138}^4\ \Phi_{69}^2\ \Phi_{46}^4\ \Phi_{23}^2\ \Phi_{18}^4\ \Phi_9^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
76956	1252	324	$\frac{11}{324}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{108}^4\ \Phi_{81}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^2\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_6^4\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
76957	1252	556	$\frac{3}{139}$	$\frac{35}{278}$	$\frac{34}{139}$	$\frac{243}{556}$	$\Phi_{556}^4\ \Phi_{139}\ \Phi_4^4\ \Phi_1^2$
76958	1252	540	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{43}{270}$	$\frac{227}{540}$	$\Phi_{540}^4\ \Phi_{180}^4\ \Phi_{108}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
76959	1252	324	$\frac{11}{324}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{108}^4\ \Phi_{81}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
76960	1252	504	$\frac{2}{63}$	$\frac{1}{9}$	$\frac{61}{252}$	$\frac{191}{504}$	$\Phi_{504}^4\ \Phi_{168}^4\ \Phi_{72}^4\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
76961	1252	945	$\frac{8}{315}$	$\frac{1}{9}$	$\frac{307}{945}$	$\frac{319}{945}$	$\Phi_{945}\ \Phi_{315}^2\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
76962	1252	315	$\frac{2}{315}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
76963	1252	468	$\frac{1}{156}$	$\frac{155}{468}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{117}^4\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
76964	1252	948	$\frac{3}{316}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{948}\ \Phi_{474}\ \Phi_{316}^2\ \Phi_{237}\ \Phi_{158}^2\ \Phi_{79}^2\ \Phi_3\ \Phi_1^2$
76965	1252	1248	$\frac{1}{104}$	$\frac{103}{416}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}^2\ \Phi_{208}^2\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
76966	1252	390	$\frac{1}{78}$	$\frac{77}{390}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^4\ \Phi_{65}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
76967	1252	318	$\frac{5}{318}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{318}^4\ \Phi_{159}^4\ \Phi_{106}^4\ \Phi_{53}^4\ \Phi_3\ \Phi_1^2$
76968	1252	1092	$\frac{1}{52}$	$\frac{51}{364}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
76969	1252	960	$\frac{7}{320}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}^2\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
76970	1252	351	$\frac{1}{39}$	$\frac{38}{351}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{351}^4\ \Phi_{117}^4\ \Phi_{27}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
76971	1252	324	$\frac{11}{324}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{108}^4\ \Phi_{81}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
76972	1252	975	$\frac{12}{325}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{975}\ \Phi_{325}^2\ \Phi_{195}\ \Phi_{75}\ \Phi_{65}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
76973	1252	1014	$\frac{1}{26}$	$\frac{25}{338}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1014}\ \Phi_{507}\ \Phi_{338}^2\ \Phi_{169}^2\ \Phi_3\ \Phi_1^2$
76974	1252	336	$\frac{1}{24}$	$\frac{23}{336}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{48}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{16}^4\ \Phi_{14}^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
76975	1252	663	$\frac{2}{39}$	$\frac{37}{663}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{663}^2\ \Phi_{221}^2\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_3\ \Phi_1^2$
76976	1252	693	$\frac{1}{33}$	$\frac{67}{693}$	$\frac{32}{99}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
76977	1252	462	$\frac{5}{154}$	$\frac{1}{11}$	$\frac{149}{462}$	$\frac{1}{3}$	$\Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_{11}^4\ \Phi_7^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
76978	1252	342	$\frac{2}{57}$	$\frac{29}{342}$	$\frac{55}{171}$	$\frac{1}{3}$	$\Phi_{342}^4\ \Phi_{171}^3\ \Phi_{114}^4\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{18}^4\ \Phi_9^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
76979	1252	456	$\frac{1}{19}$	$\frac{9}{152}$	$\frac{143}{456}$	$\frac{1}{3}$	$\Phi_{456}^2\ \Phi_{228}^2\ \Phi_{152}^4\ \Phi_{114}^2\ \Phi_{76}^4\ \Phi_{57}^3\ \Phi_{38}^4\ \Phi_{24}^2\ \Phi_{19}^4\ \Phi_{12}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
76980	1252	891	$\frac{1}{33}$	$\frac{32}{297}$	$\frac{265}{891}$	$\frac{1}{3}$	$\Phi_{891}^2\ \Phi_{81}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
76981	1252	855	$\frac{1}{57}$	$\frac{56}{285}$	$\frac{229}{855}$	$\frac{1}{3}$	$\Phi_{855}^2\ \Phi_{171}^2\ \Phi_{57}^2\ \Phi_{45}^2\ \Phi_{19}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
76982	1252	342	$\frac{1}{19}$	$\frac{29}{342}$	$\frac{9}{38}$	$\frac{1}{3}$	$\Phi_{342}^4\ \Phi_{171}^4\ \Phi_{114}^2\ \Phi_{57}^3\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
76983	1252	330	$\frac{17}{330}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{110}^4\ \Phi_{66}^2\ \Phi_{55}^4\ \Phi_{33}^3\ \Phi_{30}^4\ \Phi_{22}^4\ \Phi_{15}^4\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
76984	1252	399	$\frac{2}{57}$	$\frac{55}{399}$	$\frac{86}{399}$	$\frac{1}{3}$	$\Phi_{399}^3\ \Phi_{133}^3\ \Phi_{57}^4\ \Phi_{21}^3\ \Phi_{19}^4\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
76985	1252	396	$\frac{1}{33}$	$\frac{16}{99}$	$\frac{83}{396}$	$\frac{1}{3}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{36}^4\ \Phi_{33}^2\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
76986	1252	1155	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{72}{385}$	$\frac{1}{3}$	$\Phi_{1155}^2\ \Phi_{165}^2\ \Phi_{105}^2\ \Phi_{33}\ \Phi_{15}^2$
76987	1252	1140	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{67}{380}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{285}^2\ \Phi_{60}^2\ \Phi_{57}\ \Phi_{30}^2\ \Phi_{15}^2$
76988	1252	693	$\frac{1}{11}$	$\frac{67}{693}$	$\frac{10}{77}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{231}\ \Phi_{99}^2\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
76989	1252	1056	$\frac{1}{11}$	$\frac{39}{352}$	$\frac{5}{44}$	$\frac{1}{3}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{264}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{33}\ \Phi_{24}^2$
76990	1252	405	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{92}{405}$	$\frac{43}{135}$	$\Phi_{405}^4\ \Phi_{81}^4\ \Phi_{45}^4\ \Phi_{15}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
76991	1252	459	$\frac{7}{153}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{146}{459}$	$\Phi_{459}^4\ \Phi_{27}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
76992	1252	378	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{65}{378}$	$\frac{59}{189}$	$\Phi_{378}^4\ \Phi_{189}^2\ \Phi_{126}^4\ \Phi_{63}^4\ \Phi_{54}^4\ \Phi_{42}^4\ \Phi_{27}^2\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^3\ \Phi_7^4\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
76993	1252	675	$\frac{49}{675}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{135}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{27}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
76994	1252	417	$\frac{3}{139}$	$\frac{34}{139}$	$\frac{104}{417}$	$\frac{35}{139}$	$\Phi_{417}^4\ \Phi_{139}\ \Phi_3^4\ \Phi_1^2$
76995	1252	405	$\frac{37}{405}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{92}{405}$	$\Phi_{405}^3\ \Phi_{135}^3\ \Phi_{81}^3\ \Phi_{45}^4\ \Phi_{27}^3\ \Phi_{15}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
76996	1253	2496	$\frac{5}{1248}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1243}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{192}\ \Phi_{64}\ \Phi_8\ \Phi_1$
76997	1253	1068	$\frac{1}{178}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{177}{356}$	$\Phi_{534}^2\ \Phi_{356}\ \Phi_{267}^2\ \Phi_{178}^2\ \Phi_{89}^2\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
76998	1253	3204	$\frac{1}{178}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{177}{356}$	$\Phi_{3204}\ \Phi_{356}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
76999	1253	1416	$\frac{2}{177}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{175}{354}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{472}\ \Phi_{236}\ \Phi_{177}\ \Phi_{59}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
77000	1253	240	$\frac{1}{60}$	$\frac{1}{8}$	$\frac{61}{240}$	$\frac{59}{120}$	$\Phi_{240}^7\ \Phi_{120}^4\ \Phi_{80}^7\ \Phi_{60}^3\ \Phi_{48}^7\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{16}^7\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
77001	1253	352	$\frac{3}{176}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{173}{352}$	$\Phi_{352}^7\ \Phi_{32}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
77002	1253	1400	$\frac{4}{175}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{171}{350}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
77003	1253	216	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{37}{216}$	$\frac{35}{72}$	$\Phi_{216}^7\ \Phi_{108}^7\ \Phi_{72}^4\ \Phi_{54}^7\ \Phi_{36}^3\ \Phi_{27}^7\ \Phi_{24}^4\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^3\ \Phi_1^3$
77004	1253	696	$\frac{5}{174}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{169}{348}$	$\Phi_{696}^2\ \Phi_{348}\ \Phi_{232}^2\ \Phi_{174}^2\ \Phi_{116}\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
77005	1253	1368	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{163}{342}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{228}\ \Phi_{171}\ \Phi_{152}\ \Phi_{76}\ \Phi_{72}^2\ \Phi_{57}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
77006	1253	200	$\frac{1}{20}$	$\frac{21}{200}$	$\frac{1}{8}$	$\frac{19}{40}$	$\Phi_{200}^7\ \Phi_{100}^7\ \Phi_{50}^7\ \Phi_{40}^4\ \Phi_{25}^7\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
77007	1253	680	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{161}{340}$	$\Phi_{680}^2\ \Phi_{340}\ \Phi_{170}^2\ \Phi_{136}^2\ \Phi_{85}^2\ \Phi_{68}\ \Phi_{40}^4\ \Phi_{34}^2\ \Phi_{20}^3\ \Phi_{17}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
77008	1253	336	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{157}{336}$	$\Phi_{336}^7\ \Phi_{112}^7\ \Phi_{48}^7\ \Phi_{24}^4\ \Phi_{16}^7\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
77009	1253	192	$\frac{13}{192}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{192}^7\ \Phi_{96}^7\ \Phi_{64}^7\ \Phi_{48}^7\ \Phi_{32}^7\ \Phi_{24}^4\ \Phi_{16}^7\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
77010	1253	1320	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{1}{8}$	$\frac{151}{330}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}^2\ \Phi_{88}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}^2\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
77011	1253	648	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{1}{8}$	$\frac{145}{324}$	$\Phi_{648}^2\ \Phi_{324}\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}\ \Phi_{81}^2\ \Phi_{72}^4\ \Phi_{54}^2\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{24}^4\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
77012	1253	320	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{1}{8}$	$\frac{141}{320}$	$\Phi_{320}^7\ \Phi_{64}^7\ \Phi_{40}^4\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
77013	1253	1068	$\frac{1}{89}$	$\frac{1}{6}$	$\frac{88}{267}$	$\frac{5}{12}$	$\Phi_{1068}^2\ \Phi_{356}^2\ \Phi_{267}\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
77014	1253	600	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{29}{150}$	$\frac{121}{300}$	$\Phi_{600}^2\ \Phi_{300}\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^4\ \Phi_{100}\ \Phi_{75}^2\ \Phi_{60}^3\ \Phi_{50}^2\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
77015	1253	288	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{35}{144}$	$\frac{109}{288}$	$\Phi_{288}^7\ \Phi_{96}^7\ \Phi_{72}^4\ \Phi_{36}^3\ \Phi_{32}^7\ \Phi_{24}^4\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
77016	1253	1872	$\frac{5}{624}$	$\frac{1}{4}$	$\frac{619}{1872}$	$\frac{3}{8}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{144}\ \Phi_{117}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
77017	1253	1264	$\frac{11}{1264}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1264}\ \Phi_{632}\ \Phi_{316}\ \Phi_{158}\ \Phi_{79}\ \Phi_8\ \Phi_1$
77018	1253	1664	$\frac{5}{416}$	$\frac{411}{1664}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{128}\ \Phi_{64}\ \Phi_8\ \Phi_1$
77019	1253	1272	$\frac{19}{1272}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1272}\ \Phi_{636}\ \Phi_{424}\ \Phi_{318}\ \Phi_{212}\ \Phi_{159}\ \Phi_{106}\ \Phi_{53}\ \Phi_8\ \Phi_1$
77020	1253	1560	$\frac{5}{312}$	$\frac{307}{1560}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}\ \Phi_{65}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
77021	1253	1280	$\frac{27}{1280}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
77022	1253	208	$\frac{5}{208}$	$\frac{29}{208}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{208}^6\ \Phi_{104}^6\ \Phi_{52}^6\ \Phi_{26}^6\ \Phi_{16}^6\ \Phi_{13}^6\ \Phi_8^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
77023	1253	184	$\frac{5}{184}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{184}^7\ \Phi_{92}^7\ \Phi_{46}^7\ \Phi_{23}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
77024	1253	1296	$\frac{43}{1296}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
77025	1253	1352	$\frac{5}{104}$	$\frac{99}{1352}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1352}\ \Phi_{676}\ \Phi_{338}\ \Phi_{169}\ \Phi_8\ \Phi_1$
77026	1253	192	$\frac{5}{96}$	$\frac{13}{192}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{192}^7\ \Phi_{96}^6\ \Phi_{64}^7\ \Phi_{48}^6\ \Phi_{32}^6\ \Phi_{24}^6\ \Phi_{16}^6\ \Phi_{12}^6\ \Phi_8^7\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
77027	1253	1080	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{44}{135}$	$\frac{91}{270}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}^2\ \Phi_{216}\ \Phi_{180}^2\ \Phi_{135}\ \Phi_{120}^2\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
77028	1253	801	$\frac{1}{89}$	$\frac{2}{9}$	$\frac{88}{267}$	$\frac{1}{3}$	$\Phi_{801}^2\ \Phi_{267}\ \Phi_9^3\ \Phi_3\ \Phi_1$
77029	1253	264	$\frac{3}{88}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{85}{264}$	$\Phi_{264}^7\ \Phi_{132}^7\ \Phi_{66}^7\ \Phi_{33}^7\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_8^3\ \Phi_6^7\ \Phi_4^2\ \Phi_3^7\ \Phi_2^2\ \Phi_1^3$
77030	1253	216	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{37}{216}$	$\frac{17}{54}$	$\Phi_{216}^5\ \Phi_{108}^5\ \Phi_{72}^7\ \Phi_{54}^6\ \Phi_{36}^7\ \Phi_{27}^6\ \Phi_{24}^7\ \Phi_{18}^7\ \Phi_{12}^7\ \Phi_9^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
77031	1253	504	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{84}$	$\frac{73}{252}$	$\Phi_{504}^4\ \Phi_{252}^3\ \Phi_{126}^3\ \Phi_{72}^4\ \Phi_{63}^3\ \Phi_{36}^3\ \Phi_{24}^4\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
77032	1253	240	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{19}{80}$	$\frac{61}{240}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{60}^7\ \Phi_{48}^7\ \Phi_{40}^4\ \Phi_{30}^7\ \Phi_{24}^7\ \Phi_{20}^3\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^7\ \Phi_5^3\ \Phi_4^2\ \Phi_3^7\ \Phi_2^2\ \Phi_1^3$
77033	1253	192	$\frac{13}{192}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{192}^7\ \Phi_{96}^7\ \Phi_{64}^7\ \Phi_{48}^7\ \Phi_{32}^7\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_8^3\ \Phi_6^7\ \Phi_4^2\ \Phi_3^7\ \Phi_2^2\ \Phi_1^3$
77034	1253	440	$\frac{3}{44}$	$\frac{1}{8}$	$\frac{41}{220}$	$\frac{1}{4}$	$\Phi_{440}^4\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{55}^3\ \Phi_{40}^4\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
77035	1253	200	$\frac{21}{200}$	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{200}^6\ \Phi_{100}^6\ \Phi_{50}^6\ \Phi_{40}^7\ \Phi_{25}^7\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_8^6\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
77036	1253	840	$\frac{4}{35}$	$\frac{1}{8}$	$\frac{31}{210}$	$\frac{1}{5}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
77037	1254	2080	$\frac{1}{208}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{207}{416}$	$\Phi_{2080}\ \Phi_{416}^2\ \Phi_{160}\ \Phi_{32}^2\ \Phi_5\ \Phi_1^2$
77038	1254	1248	$\frac{1}{208}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{207}{416}$	$\Phi_{1248}^3\ \Phi_{96}^3\ \Phi_{12}\ \Phi_6$
77039	1254	358	$\frac{1}{179}$	$\frac{30}{179}$	$\frac{149}{358}$	$\frac{89}{179}$	$\Phi_{358}^6\ \Phi_{179}\ \Phi_2^6\ \Phi_1^2$
77040	1254	1246	$\frac{4}{623}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{619}{1246}$	$\Phi_{1246}^2\ \Phi_{178}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
77041	1254	2260	$\frac{1}{113}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{56}{113}$	$\Phi_{2260}\ \Phi_{452}\ \Phi_{113}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
77042	1254	1695	$\frac{1}{113}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{56}{113}$	$\Phi_{1695}\ \Phi_{339}\ \Phi_{113}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
77043	1254	2898	$\frac{2}{207}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{205}{414}$	$\Phi_{2898}\ \Phi_{966}\ \Phi_{322}\ \Phi_{126}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
77044	1254	413	$\frac{5}{413}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{204}{413}$	$\Phi_{413}^3\ \Phi_{59}^3\ \Phi_7^5\ \Phi_1^6$
77045	1254	280	$\frac{1}{70}$	$\frac{1}{7}$	$\frac{71}{280}$	$\frac{69}{140}$	$\Phi_{280}^6\ \Phi_{70}^6\ \Phi_{56}^6\ \Phi_{40}^6\ \Phi_{35}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_5^6\ \Phi_2^6\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
77046	1254	2340	$\frac{1}{65}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{32}{65}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{180}\ \Phi_{156}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
77047	1254	1365	$\frac{1}{65}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{32}{65}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
77048	1254	1755	$\frac{1}{65}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{32}{65}$	$\Phi_{1755}\ \Phi_{351}\ \Phi_{135}\ \Phi_{65}\ \Phi_{27}^2\ \Phi_{13}\ \Phi_5\ \Phi_1^2$
77049	1254	1560	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{32}{65}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{312}\ \Phi_{260}\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
77050	1254	336	$\frac{1}{56}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{55}{112}$	$\Phi_{336}^7\ \Phi_{112}^8\ \Phi_{48}^7\ \Phi_{21}\ \Phi_{16}^8\ \Phi_7\ \Phi_3\ \Phi_1^2$
77051	1254	336	$\frac{1}{56}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{55}{112}$	$\Phi_{336}^7\ \Phi_{112}^8\ \Phi_{48}^7\ \Phi_{16}^8\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77052	1254	112	$\frac{1}{56}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{55}{112}$	$\Phi_{112}^{22}\ \Phi_{16}^{22}\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
77053	1254	2870	$\frac{4}{205}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{201}{410}$	$\Phi_{2870}\ \Phi_{574}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
77054	1254	1225	$\frac{29}{1225}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{598}{1225}$	$\Phi_{1225}\ \Phi_{245}\ \Phi_{175}\ \Phi_{49}\ \Phi_{35}^2\ \Phi_{25}\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
77055	1254	252	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{43}{252}$	$\frac{41}{84}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{63}^6\ \Phi_{42}^6\ \Phi_{36}^6\ \Phi_{21}^6\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_9^6\ \Phi_7^5\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
77056	1254	2856	$\frac{5}{204}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{199}{408}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{168}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
77057	1254	2368	$\frac{1}{37}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{18}{37}$	$\Phi_{2368}\ \Phi_{64}^2\ \Phi_{37}\ \Phi_1^2$
77058	1254	592	$\frac{1}{37}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{18}{37}$	$\Phi_{592}^2\ \Phi_{296}^2\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{37}^3\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
77059	1254	444	$\frac{1}{37}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{18}{37}$	$\Phi_{444}^3\ \Phi_{222}^3\ \Phi_{148}^2\ \Phi_{111}^3\ \Phi_{74}^2\ \Phi_{37}^3\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
77060	1254	1480	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{18}{37}$	$\Phi_{1480}\ \Phi_{740}\ \Phi_{370}\ \Phi_{185}\ \Phi_{40}^2\ \Phi_{37}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
77061	1254	406	$\frac{6}{203}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{197}{406}$	$\Phi_{406}^6\ \Phi_{58}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
77062	1254	960	$\frac{1}{32}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{960}^4\ \Phi_{192}^3\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
77063	1254	1680	$\frac{1}{30}$	$\frac{31}{240}$	$\frac{1}{7}$	$\frac{29}{60}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{112}\ \Phi_{105}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
77064	1254	1253	$\frac{45}{1253}$	$\frac{59}{1253}$	$\frac{398}{1253}$	$\frac{604}{1253}$	$\Phi_{1253}\ \Phi_{179}\ \Phi_7\ \Phi_1^2$
77065	1254	660	$\frac{2}{55}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{53}{110}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{60}^3\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
77066	1254	700	$\frac{3}{70}$	$\frac{73}{700}$	$\frac{1}{7}$	$\frac{67}{140}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{100}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
77067	1254	276	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{4}{23}$	$\frac{11}{23}$	$\Phi_{276}^5\ \Phi_{138}^5\ \Phi_{92}^5\ \Phi_{69}^5\ \Phi_{46}^5\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4$
77068	1254	2800	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{191}{400}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{112}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
77069	1254	84	$\frac{1}{28}$	$\frac{1}{21}$	$\frac{9}{28}$	$\frac{10}{21}$	$\Phi_{84}^{14}\ \Phi_{42}^{14}\ \Phi_{28}^{16}\ \Phi_{21}^{15}\ \Phi_{14}^{16}\ \Phi_{12}^{14}\ \Phi_7^{17}\ \Phi_6^{14}\ \Phi_4^{16}\ \Phi_3^{15}\ \Phi_2^{16}\ \Phi_1^{18}$
77070	1254	420	$\frac{1}{21}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^2\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{20}^6\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^6\ \Phi_7^3\ \Phi_6^2\ \Phi_5^6\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
77071	1254	210	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{10}{21}$	$\Phi_{210}^7\ \Phi_{105}^7\ \Phi_{70}^8\ \Phi_{35}^8\ \Phi_{30}^7\ \Phi_{21}\ \Phi_{15}^7\ \Phi_{10}^8\ \Phi_7\ \Phi_5^8\ \Phi_3\ \Phi_1^2$
77072	1254	21	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{10}{21}$	$\Phi_{21}^{60}\ \Phi_7^{59}\ \Phi_3^{60}\ \Phi_1^{60}$
77073	1254	1344	$\frac{1}{21}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{10}{21}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{112}\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
77074	1254	1253	$\frac{61}{1253}$	$\frac{94}{1253}$	$\frac{219}{1253}$	$\frac{596}{1253}$	$\Phi_{1253}\ \Phi_{179}\ \Phi_7\ \Phi_1^2$
77075	1254	1676	$\frac{20}{419}$	$\frac{21}{419}$	$\frac{1}{4}$	$\frac{199}{419}$	$\Phi_{1676}\ \Phi_{838}$
77076	1254	1190	$\frac{32}{595}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{563}{1190}$	$\Phi_{1190}^2\ \Phi_{238}^2\ \Phi_{170}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{34}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
77077	1254	612	$\frac{1}{34}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{612}^4\ \Phi_{204}^4\ \Phi_{102}\ \Phi_{68}^4\ \Phi_{51}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
77078	1254	2340	$\frac{2}{65}$	$\frac{1}{18}$	$\frac{21}{65}$	$\frac{17}{36}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{180}\ \Phi_{156}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
77079	1254	828	$\frac{1}{23}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{828}\ \Phi_{414}^2\ \Phi_{276}\ \Phi_{207}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{46}^3\ \Phi_{23}^2$
77080	1254	1260	$\frac{1}{18}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{180}\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
77081	1254	468	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{17}{36}$	$\Phi_{468}^{5}\ \Phi_{156}^{5}\ \Phi_{52}^{5}\ \Phi_{36}^{6}\ \Phi_{13}^{5}\ \Phi_{12}^{6}\ \Phi_{4}^{6}\ \Phi_{1}^{6}$
77082	1254	252	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{17}{36}$	$\Phi_{252}^{5}\ \Phi_{126}^{6}\ \Phi_{84}^{6}\ \Phi_{63}^{6}\ \Phi_{42}^{7}\ \Phi_{28}^{6}\ \Phi_{21}^{7}\ \Phi_{14}^{7}\ \Phi_{7}^{6}$
77083	1254	179	$\frac{5}{179}$	$\frac{11}{179}$	$\frac{58}{179}$	$\frac{84}{179}$	$\Phi_{179}^{7}\ \Phi_{1}^{8}$
77084	1254	392	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{183}{392}$	$\Phi_{392}^{6}\ \Phi_{56}^{6}\ \Phi_{14}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
77085	1254	224	$\frac{15}{224}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{224}^{6}\ \Phi_{112}^{6}\ \Phi_{56}^{6}\ \Phi_{32}^{6}\ \Phi_{16}^{6}\ \Phi_{14}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
77086	1254	2730	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{1}{7}$	$\frac{181}{390}$	$\Phi_{2730}\ \Phi_{910}\ \Phi_{546}\ \Phi_{210}\ \Phi_{182}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
77087	1254	1340	$\frac{1}{20}$	$\frac{5}{67}$	$\frac{12}{67}$	$\frac{31}{67}$	$\Phi_{1340}\ \Phi_{670}\ \Phi_{335}\ \Phi_{268}\ \Phi_{134}$
77088	1254	442	$\frac{1}{34}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{442}^{3}\ \Phi_{221}^{3}\ \Phi_{34}^{2}\ \Phi_{26}\ \Phi_{17}^{2}\ \Phi_{13}^{2}\ \Phi_{1}^{2}$
77089	1254	35	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{35}^{36}\ \Phi_{7}^{35}\ \Phi_{5}^{36}\ \Phi_{1}^{36}$
77090	1254	1253	$\frac{54}{1253}$	$\frac{109}{1253}$	$\frac{227}{1253}$	$\frac{572}{1253}$	$\Phi_{1253}\ \Phi_{179}\ \Phi_{7}\ \Phi_{1}^{2}$
77091	1254	1676	$\frac{12}{419}$	$\frac{37}{419}$	$\frac{1}{4}$	$\frac{191}{419}$	$\Phi_{1676}\ \Phi_{838}$
77092	1254	1740	$\frac{1}{58}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1740}^{2}\ \Phi_{348}^{2}\ \Phi_{174}\ \Phi_{87}\ \Phi_{60}\ \Phi_{12}\ \Phi_{6}$
77093	1254	2260	$\frac{2}{113}$	$\frac{1}{10}$	$\frac{37}{113}$	$\frac{9}{20}$	$\Phi_{2260}\ \Phi_{452}\ \Phi_{113}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
77094	1254	780	$\frac{1}{39}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{780}\ \Phi_{390}^{2}\ \Phi_{260}\ \Phi_{195}^{2}\ \Phi_{156}^{2}\ \Phi_{130}^{2}\ \Phi_{78}^{3}\ \Phi_{65}^{2}\ \Phi_{60}\ \Phi_{52}^{2}\ \Phi_{39}^{2}\ \Phi_{30}^{2}\ \Phi_{26}^{3}\ \Phi_{15}^{2}\ \Phi_{13}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
77095	1254	2260	$\frac{5}{113}$	$\frac{1}{10}$	$\frac{18}{113}$	$\frac{9}{20}$	$\Phi_{2260}\ \Phi_{452}\ \Phi_{113}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
77096	1254	140	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{140}^{10}\ \Phi_{70}^{11}\ \Phi_{35}^{11}\ \Phi_{28}^{10}\ \Phi_{14}^{11}\ \Phi_{7}^{10}$
77097	1254	378	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{1}{7}$	$\frac{169}{378}$	$\Phi_{378}^{6}\ \Phi_{126}^{6}\ \Phi_{54}^{6}\ \Phi_{42}^{6}\ \Phi_{21}^{6}\ \Phi_{18}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
77098	1254	1120	$\frac{3}{70}$	$\frac{67}{560}$	$\frac{1}{7}$	$\frac{493}{1120}$	$\Phi_{1120}^{2}\ \Phi_{224}^{2}\ \Phi_{160}^{2}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{32}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
77099	1254	105	$\frac{2}{35}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{105}^{14}\ \Phi_{35}^{10}\ \Phi_{21}^{10}\ \Phi_{15}^{14}\ \Phi_{7}^{7}\ \Phi_{5}^{10}\ \Phi_{3}^{10}\ \Phi_{1}^{8}$
77100	1254	2520	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{29}{180}$	$\frac{151}{360}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
77101	1254	1512	$\frac{7}{216}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
77102	1254	2144	$\frac{1}{67}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{2144}\ \Phi_{268}\ \Phi_{134}$
77103	1254	350	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{34}{175}$	$\frac{141}{350}$	$\Phi_{350}^{6}\ \Phi_{70}^{6}\ \Phi_{50}^{6}\ \Phi_{35}^{6}\ \Phi_{14}^{6}\ \Phi_{10}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
77104	1254	1560	$\frac{1}{104}$	$\frac{1}{5}$	$\frac{103}{312}$	$\frac{2}{5}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}^{2}\ \Phi_{195}\ \Phi_{156}^{2}\ \Phi_{120}\ \Phi_{78}^{2}\ \Phi_{60}\ \Phi_{39}^{2}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
77105	1254	1060	$\frac{3}{212}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1060}\ \Phi_{530}\ \Phi_{265}\ \Phi_{212}^{2}\ \Phi_{106}^{2}\ \Phi_{53}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
77106	1254	260	$\frac{1}{52}$	$\frac{51}{260}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{260}^{5}\ \Phi_{130}^{5}\ \Phi_{65}^{5}\ \Phi_{52}^{4}\ \Phi_{26}^{4}\ \Phi_{20}^{5}\ \Phi_{13}^{4}\ \Phi_{10}^{5}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
77107	1254	1080	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}^{2}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}^{2}\ \Phi_{90}\ \Phi_{72}^{2}\ \Phi_{60}\ \Phi_{54}^{2}\ \Phi_{45}\ \Phi_{36}^{2}\ \Phi_{30}\ \Phi_{27}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
77108	1254	1170	$\frac{1}{26}$	$\frac{25}{234}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{234}^{2}\ \Phi_{195}\ \Phi_{117}^{2}\ \Phi_{90}\ \Phi_{78}^{2}\ \Phi_{45}\ \Phi_{39}^{2}\ \Phi_{30}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
77109	1254	520	$\frac{5}{104}$	$\frac{9}{104}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{520}^{2}\ \Phi_{260}^{2}\ \Phi_{130}^{2}\ \Phi_{104}^{4}\ \Phi_{65}^{2}\ \Phi_{52}^{4}\ \Phi_{40}^{2}\ \Phi_{26}^{4}\ \Phi_{20}^{2}\ \Phi_{13}^{4}\ \Phi_{10}^{2}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
77110	1254	60	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{60}^{23}\ \Phi_{30}^{23}\ \Phi_{20}^{17}\ \Phi_{15}^{23}\ \Phi_{12}^{22}\ \Phi_{10}^{17}\ \Phi_{6}^{22}\ \Phi_{5}^{18}\ \Phi_{4}^{16}\ \Phi_{3}^{22}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
77111	1254	1105	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1105}\ \Phi_{221}^{2}\ \Phi_{85}\ \Phi_{17}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
77112	1254	1120	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}^{2}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}^{2}\ \Phi_{70}\ \Phi_{56}^{2}\ \Phi_{35}\ \Phi_{32}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
77113	1254	644	$\frac{17}{644}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{644}^{2}\ \Phi_{322}^{2}\ \Phi_{161}^{2}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{23}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
77114	1254	2070	$\frac{1}{115}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{2070}\ \Phi_{690}\ \Phi_{414}\ \Phi_{345}\ \Phi_{230}\ \Phi_{138}\ \Phi_{90}\ \Phi_{69}\ \Phi_{46}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
77115	1254	276	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{11}{46}$	$\frac{35}{92}$	$\Phi_{276}^{5}\ \Phi_{138}^{5}\ \Phi_{92}^{3}\ \Phi_{69}^{5}\ \Phi_{46}^{5}\ \Phi_{23}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
77116	1254	336	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{41}{168}$	$\frac{127}{336}$	$\Phi_{336}^6\ \Phi_{112}^6\ \Phi_{48}^6\ \Phi_{42}^6\ \Phi_{21}^6\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
77117	1254	1896	$\frac{5}{632}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1896}\ \Phi_{948}\ \Phi_{474}\ \Phi_{237}\ \Phi_{12}\ \Phi_6$
77118	1254	1840	$\frac{1}{115}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1840}\ \Phi_{460}\ \Phi_{368}\ \Phi_{230}\ \Phi_{92}\ \Phi_{80}\ \Phi_{46}\ \Phi_{20}\ \Phi_{10}$
77119	1254	1608	$\frac{1}{67}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1608}\ \Phi_{804}\ \Phi_{402}\ \Phi_{268}\ \Phi_{201}\ \Phi_{134}$
77120	1254	2010	$\frac{1}{67}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{2010}\ \Phi_{670}\ \Phi_{402}\ \Phi_{335}\ \Phi_{134}$
77121	1254	1253	$\frac{43}{1253}$	$\frac{110}{1253}$	$\frac{381}{1253}$	$\frac{436}{1253}$	$\Phi_{1253}\ \Phi_{179}\ \Phi_7\ \Phi_1^2$
77122	1254	1340	$\frac{1}{20}$	$\frac{4}{67}$	$\frac{21}{67}$	$\frac{23}{67}$	$\Phi_{1340}\ \Phi_{670}\ \Phi_{335}\ \Phi_{268}\ \Phi_{134}$
77123	1254	1253	$\frac{62}{1253}$	$\frac{75}{1253}$	$\frac{397}{1253}$	$\frac{428}{1253}$	$\Phi_{1253}\ \Phi_{179}\ \Phi_7\ \Phi_1^2$
77124	1254	1380	$\frac{4}{115}$	$\frac{1}{12}$	$\frac{37}{115}$	$\frac{39}{115}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}\ \Phi_{230}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{60}\ \Phi_{46}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
77125	1254	315	$\frac{2}{105}$	$\frac{1}{7}$	$\frac{103}{315}$	$\frac{106}{315}$	$\Phi_{315}^3\ \Phi_{105}^6\ \Phi_{63}^3\ \Phi_{45}^3\ \Phi_{35}^6\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_9^3\ \Phi_7^5\ \Phi_5^6\ \Phi_3^6\ \Phi_1^6$
77126	1254	942	$\frac{1}{157}$	$\frac{52}{157}$	$\frac{1}{3}$	$\frac{105}{314}$	$\Phi_{942}^3\ \Phi_{471}\ \Phi_6^3$
77127	1254	714	$\frac{1}{34}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{102}\ \Phi_{51}\ \Phi_{42}^2\ \Phi_{14}^2\ \Phi_6$
77128	1254	312	$\frac{1}{104}$	$\frac{1}{4}$	$\frac{103}{312}$	$\frac{1}{3}$	$\Phi_{312}^3\ \Phi_{156}^3\ \Phi_{104}^6\ \Phi_{78}^3\ \Phi_{52}^6\ \Phi_{39}^3\ \Phi_{26}^6\ \Phi_{24}^3\ \Phi_{13}^6\ \Phi_{12}^4\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
77129	1254	1365	$\frac{2}{65}$	$\frac{2}{21}$	$\frac{21}{65}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
77130	1254	84	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{9}{28}$	$\frac{1}{3}$	$\Phi_{84}^{14}\ \Phi_{42}^{14}\ \Phi_{28}^{16}\ \Phi_{21}^{14}\ \Phi_{14}^{16}\ \Phi_{12}^{16}\ \Phi_7^{16}\ \Phi_6^{16}\ \Phi_4^{18}\ \Phi_3^{15}\ \Phi_2^{18}\ \Phi_1^{18}$
77131	1254	1884	$\frac{31}{628}$	$\frac{39}{628}$	$\frac{199}{628}$	$\frac{1}{3}$	$\Phi_{1884}\ \Phi_{942}\ \Phi_{471}\ \Phi_{12}\ \Phi_6$
77132	1254	240	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{60}^9\ \Phi_{48}^6\ \Phi_{30}^9\ \Phi_{24}^6\ \Phi_{15}^9\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
77133	1254	1884	$\frac{23}{628}$	$\frac{55}{628}$	$\frac{191}{628}$	$\frac{1}{3}$	$\Phi_{1884}\ \Phi_{942}\ \Phi_{471}\ \Phi_{12}\ \Phi_6$
77134	1254	918	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{102}\ \Phi_{54}^2\ \Phi_{51}\ \Phi_6$
77135	1254	870	$\frac{1}{58}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{870}\ \Phi_{435}\ \Phi_{290}^2\ \Phi_{174}^2\ \Phi_{145}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{30}\ \Phi_{29}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
77136	1254	636	$\frac{3}{212}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{636}^3\ \Phi_{318}^3\ \Phi_{159}^3\ \Phi_{12}\ \Phi_6$
77137	1254	2496	$\frac{3}{208}$	$\frac{205}{832}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{192}\ \Phi_{96}\ \Phi_{12}\ \Phi_6$
77138	1254	780	$\frac{1}{52}$	$\frac{51}{260}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{195}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
77139	1254	1920	$\frac{13}{640}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
77140	1254	2184	$\frac{3}{104}$	$\frac{101}{728}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{273}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
77141	1254	216	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{216}^6\ \Phi_{108}^6\ \Phi_{72}^6\ \Phi_{54}^6\ \Phi_{36}^6\ \Phi_{27}^6\ \Phi_{24}^3\ \Phi_{18}^6\ \Phi_{12}^4\ \Phi_9^6\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
77142	1254	468	$\frac{1}{26}$	$\frac{25}{234}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{468}^4\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{78}\ \Phi_{52}^4\ \Phi_{39}\ \Phi_{36}^4\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77143	1254	1932	$\frac{1}{23}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{322}\ \Phi_{92}\ \Phi_{46}$
77144	1254	312	$\frac{5}{104}$	$\frac{9}{104}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{312}^6\ \Phi_{156}^6\ \Phi_{78}^6\ \Phi_{39}^6\ \Phi_{24}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
77145	1254	60	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^{21}\ \Phi_{30}^{21}\ \Phi_{20}^{24}\ \Phi_{15}^{21}\ \Phi_{12}^{16}\ \Phi_{10}^{24}\ \Phi_6^{16}\ \Phi_5^{24}\ \Phi_4^{18}\ \Phi_3^{15}\ \Phi_2^{18}\ \Phi_1^{18}$
77146	1254	2652	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{204}\ \Phi_{102}\ \Phi_{12}\ \Phi_6$
77147	1254	2028	$\frac{3}{52}$	$\frac{49}{676}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{507}\ \Phi_{12}\ \Phi_6$
77148	1254	672	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{168}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{12}\ \Phi_6$
77149	1254	1932	$\frac{2}{69}$	$\frac{1}{7}$	$\frac{67}{276}$	$\frac{1}{3}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{322}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
77150	1254	1530	$\frac{1}{34}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{102}\ \Phi_{90}\ \Phi_{85}\ \Phi_{51}\ \Phi_{30}\ \Phi_{10}\ \Phi_6$
77151	1254	1512	$\frac{7}{216}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
77152	1254	408	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{408}^4\ \Phi_{204}^4\ \Phi_{136}^4\ \Phi_{102}\ \Phi_{68}^4\ \Phi_{51}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
77153	1254	105	$\frac{2}{35}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^{11}\ \Phi_{35}^{13}\ \Phi_{21}^{12}\ \Phi_{15}^{12}\ \Phi_{7}^{14}\ \Phi_{5}^{13}\ \Phi_{3}^{12}\ \Phi_{1}^{14}$
77154	1254	420	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{70}$	$\frac{1}{3}$	$\Phi_{420}^{4}\ \Phi_{210}^{3}\ \Phi_{140}^{4}\ \Phi_{105}^{3}\ \Phi_{70}^{4}\ \Phi_{60}^{4}\ \Phi_{35}^{4}\ \Phi_{30}^{3}\ \Phi_{20}^{4}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
77155	1254	120	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{120}^{15}\ \Phi_{60}^{16}\ \Phi_{30}^{16}\ \Phi_{24}^{16}\ \Phi_{15}^{16}\ \Phi_{12}^{17}\ \Phi_{6}^{17}\ \Phi_{3}^{16}$
77156	1254	273	$\frac{1}{13}$	$\frac{2}{21}$	$\frac{2}{13}$	$\frac{1}{3}$	$\Phi_{273}^{5}\ \Phi_{91}^{5}\ \Phi_{21}^{6}\ \Phi_{13}^{5}\ \Phi_{7}^{6}\ \Phi_{1}^{6}$
77157	1254	84	$\frac{1}{12}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{84}^{16}\ \Phi_{42}^{16}\ \Phi_{28}^{16}\ \Phi_{21}^{11}\ \Phi_{14}^{16}\ \Phi_{12}^{18}\ \Phi_{7}^{10}\ \Phi_{6}^{18}\ \Phi_{4}^{18}\ \Phi_{3}^{12}\ \Phi_{2}^{18}\ \Phi_{1}^{12}$
77158	1254	192	$\frac{1}{12}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{192}^{7}\ \Phi_{96}^{7}\ \Phi_{64}^{8}\ \Phi_{48}^{7}\ \Phi_{32}^{8}\ \Phi_{16}^{8}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
77159	1254	1695	$\frac{2}{113}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{37}{113}$	$\Phi_{1695}\ \Phi_{339}\ \Phi_{113}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
77160	1254	1755	$\frac{2}{65}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{21}{65}$	$\Phi_{1755}\ \Phi_{351}\ \Phi_{135}\ \Phi_{65}\ \Phi_{27}^{2}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}^{2}$
77161	1254	1560	$\frac{2}{65}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{21}{65}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{312}\ \Phi_{260}\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
77162	1254	1890	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{61}{270}$	$\frac{29}{90}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{210}\ \Phi_{189}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
77163	1254	28	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{9}{28}$	$\Phi_{28}^{44}\ \Phi_{14}^{46}\ \Phi_{7}^{45}\ \Phi_{4}^{44}\ \Phi_{2}^{46}\ \Phi_{1}^{46}$
77164	1254	252	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{43}{252}$	$\frac{20}{63}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{84}^{6}\ \Phi_{42}^{6}\ \Phi_{36}^{6}\ \Phi_{28}^{6}\ \Phi_{21}^{6}\ \Phi_{18}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
77165	1254	2142	$\frac{5}{102}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{97}{306}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
77166	1254	660	$\frac{4}{55}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{17}{55}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{2}\ \Phi_{165}^{2}\ \Phi_{132}^{2}\ \Phi_{110}^{2}\ \Phi_{66}^{2}\ \Phi_{60}^{3}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{30}^{3}\ \Phi_{22}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
77167	1254	2100	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{91}{300}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
77168	1254	2484	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{92}\ \Phi_{46}$
77169	1254	945	$\frac{2}{35}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{945}^{2}\ \Phi_{189}^{2}\ \Phi_{135}\ \Phi_{35}^{2}\ \Phi_{27}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
77170	1254	351	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{2}{13}$	$\frac{8}{27}$	$\Phi_{351}^{5}\ \Phi_{27}^{6}\ \Phi_{13}^{5}\ \Phi_{1}^{6}$
77171	1254	756	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{27}$	$\Phi_{756}^{3}\ \Phi_{378}^{3}\ \Phi_{189}^{2}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
77172	1254	294	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{7}$	$\frac{85}{294}$	$\Phi_{294}^{6}\ \Phi_{147}^{6}\ \Phi_{42}^{6}\ \Phi_{21}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
77173	1254	238	$\frac{5}{119}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{238}^{7}\ \Phi_{119}^{4}\ \Phi_{34}^{7}\ \Phi_{17}^{4}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
77174	1254	780	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{156}^{3}\ \Phi_{130}^{2}\ \Phi_{78}^{3}\ \Phi_{60}\ \Phi_{52}^{3}\ \Phi_{30}\ \Phi_{26}^{3}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
77175	1254	1695	$\frac{5}{113}$	$\frac{18}{113}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1695}\ \Phi_{339}\ \Phi_{113}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
77176	1254	420	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{140}\ \Phi_{105}^{4}\ \Phi_{84}^{5}\ \Phi_{70}\ \Phi_{42}^{5}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}^{4}\ \Phi_{14}$
77177	1254	280	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{67}{280}$	$\frac{71}{280}$	$\Phi_{280}^{4}\ \Phi_{140}^{4}\ \Phi_{70}^{6}\ \Phi_{56}^{4}\ \Phi_{40}^{4}\ \Phi_{35}^{6}\ \Phi_{28}^{4}\ \Phi_{20}^{4}\ \Phi_{14}^{6}\ \Phi_{10}^{6}\ \Phi_{8}^{4}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
77178	1254	140	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{140}^{9}\ \Phi_{70}^{9}\ \Phi_{35}^{9}\ \Phi_{28}^{6}\ \Phi_{20}^{12}\ \Phi_{14}^{8}\ \Phi_{10}^{12}\ \Phi_{7}^{7}\ \Phi_{5}^{12}\ \Phi_{4}^{8}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
77179	1254	552	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{552}^{3}\ \Phi_{276}\ \Phi_{184}^{3}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{69}^{2}\ \Phi_{46}^{3}\ \Phi_{23}^{2}$
77180	1254	1680	$\frac{1}{10}$	$\frac{31}{240}$	$\frac{1}{7}$	$\frac{9}{40}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{210}\ \Phi_{168}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
77181	1254	276	$\frac{1}{12}$	$\frac{3}{23}$	$\frac{4}{23}$	$\frac{5}{23}$	$\Phi_{276}^{5}\ \Phi_{138}^{5}\ \Phi_{92}^{5}\ \Phi_{69}^{5}\ \Phi_{46}^{5}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
77182	1254	224	$\frac{15}{224}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{224}^{6}\ \Phi_{112}^{6}\ \Phi_{56}^{4}\ \Phi_{32}^{6}\ \Phi_{28}^{4}\ \Phi_{16}^{6}\ \Phi_{14}^{6}\ \Phi_{8}^{4}\ \Phi_{7}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
77183	1254	70	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{70}$	$\frac{3}{14}$	$\Phi_{70}^{22}\ \Phi_{35}^{22}\ \Phi_{14}^{2}\ \Phi_{10}^{22}\ \Phi_{7}\ \Phi_{5}^{22}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
77184	1254	42	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{42}^{42}\ \Phi_{21}^{24}\ \Phi_{14}^{30}\ \Phi_{7}^{17}\ \Phi_{6}^{42}\ \Phi_{3}^{24}\ \Phi_{2}^{30}\ \Phi_{1}^{18}$
77185	1254	448	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{448}^{3}\ \Phi_{224}^{3}\ \Phi_{112}^{3}\ \Phi_{64}^{4}\ \Phi_{32}^{4}\ \Phi_{16}^{4}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
77186	1254	840	$\frac{2}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{168}^{2}\ \Phi_{140}^{2}\ \Phi_{120}\ \Phi_{84}^{2}\ \Phi_{60}\ \Phi_{56}^{2}\ \Phi_{40}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
77187	1254	312	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{312}^{5}\ \Phi_{156}^{5}\ \Phi_{104}^{5}\ \Phi_{52}^{5}\ \Phi_{24}^{6}\ \Phi_{13}^{5}\ \Phi_{12}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
77188	1254	168	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{168}^{11}\ \Phi_{84}^{6}\ \Phi_{56}^{11}\ \Phi_{42}^{7}\ \Phi_{28}^{6}\ \Phi_{21}^{7}\ \Phi_{14}^{7}\ \Phi_{7}^{6}$
77189	1254	1750	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{41}{250}$	$\frac{9}{50}$	$\Phi_{1750}\ \Phi_{875}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
77190	1254	700	$\frac{73}{700}$	$\frac{1}{7}$	$\frac{29}{175}$	$\frac{6}{35}$	$\Phi_{700}^{2}\ \Phi_{350}^{2}\ \Phi_{175}\ \Phi_{140}^{2}\ \Phi_{100}^{2}\ \Phi_{70}^{2}\ \Phi_{50}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
77191	1254	245	$\frac{29}{245}$	$\frac{1}{7}$	$\frac{36}{245}$	$\frac{6}{35}$	$\Phi_{245}^{5}\ \Phi_{49}^{5}\ \Phi_{35}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
77192	1255	1000	$\frac{1}{250}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{249}{500}$	$\Phi_{1000}^{2}\ \Phi_{500}\ \Phi_{200}^{2}\ \Phi_{100}\ \Phi_{40}^{2}\ \Phi_{20}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
77193	1255	2496	$\frac{7}{1248}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1241}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{192}\ \Phi_{64}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
77194	1255	498	$\frac{2}{249}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{247}{498}$	$\Phi_{498}^{2}\ \Phi_{249}^{3}\ \Phi_{166}^{2}\ \Phi_{83}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
77195	1255	456	$\frac{1}{114}$	$\frac{23}{228}$	$\frac{205}{456}$	$\frac{113}{228}$	$\Phi_{456}^{5}\ \Phi_{228}\ \Phi_{152}^{5}\ \Phi_{76}\ \Phi_{24}^{5}\ \Phi_{12}\ \Phi_{8}^{5}\ \Phi_{4}\ \Phi_{1}$
77196	1255	2484	$\frac{13}{1242}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1229}{2484}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{276}\ \Phi_{108}\ \Phi_{92}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
77197	1255	336	$\frac{1}{84}$	$\frac{1}{6}$	$\frac{85}{336}$	$\frac{83}{168}$	$\Phi_{336}^{5}\ \Phi_{112}^{5}\ \Phi_{84}^{5}\ \Phi_{48}^{5}\ \Phi_{42}^{5}\ \Phi_{28}^{5}\ \Phi_{21}^{5}\ \Phi_{16}^{5}\ \Phi_{14}^{5}\ \Phi_{12}^{5}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
77198	1255	1488	$\frac{3}{248}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{245}{496}$	$\Phi_{1488}^{2}\ \Phi_{496}\ \Phi_{48}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
77199	1255	2376	$\frac{1}{66}$	$\frac{67}{1188}$	$\frac{1121}{2376}$	$\frac{65}{132}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{132}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
77200	1255	1584	$\frac{1}{66}$	$\frac{67}{396}$	$\frac{329}{1584}$	$\frac{65}{132}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{88}\ \Phi_{72}\ \Phi_{48}\ \Phi_{44}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
77201	1255	2464	$\frac{23}{1232}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{1209}{2464}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{224}\ \Phi_{44}\ \Phi_{32}\ \Phi_{4}\ \Phi_{1}$
77202	1255	1512	$\frac{5}{252}$	$\frac{1}{6}$	$\frac{257}{1512}$	$\frac{247}{504}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
77203	1255	492	$\frac{5}{246}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{241}{492}$	$\Phi_{492}^{5}\ \Phi_{164}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
77204	1255	1470	$\frac{6}{245}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{239}{490}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{294}\ \Phi_{245}\ \Phi_{210}\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{14}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
77205	1255	2448	$\frac{31}{1224}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1193}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
77206	1255	2432	$\frac{1}{38}$	$\frac{39}{1216}$	$\frac{1177}{2432}$	$\frac{37}{76}$	$\Phi_{2432}\ \Phi_{128}\ \Phi_{76}\ \Phi_{4}\ \Phi_{1}$
77207	1255	1824	$\frac{1}{38}$	$\frac{39}{608}$	$\frac{569}{1824}$	$\frac{37}{76}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
77208	1255	1368	$\frac{1}{38}$	$\frac{113}{1368}$	$\frac{39}{152}$	$\frac{37}{76}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}\ \Phi_{72}\ \Phi_{57}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
77209	1255	304	$\frac{1}{38}$	$\frac{39}{304}$	$\frac{53}{304}$	$\frac{37}{76}$	$\Phi_{304}^{4}\ \Phi_{152}^{4}\ \Phi_{76}^{5}\ \Phi_{38}^{4}\ \Phi_{19}^{4}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
77210	1255	288	$\frac{1}{36}$	$\frac{37}{288}$	$\frac{1}{6}$	$\frac{35}{72}$	$\Phi_{288}^{5}\ \Phi_{144}^{5}\ \Phi_{96}^{5}\ \Phi_{48}^{5}\ \Phi_{36}^{5}\ \Phi_{32}^{5}\ \Phi_{18}^{5}\ \Phi_{16}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
77211	1255	2436	$\frac{37}{1218}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1181}{2436}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{348}\ \Phi_{116}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
77212	1255	486	$\frac{8}{243}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{235}{486}$	$\Phi_{486}^{2}\ \Phi_{243}^{3}\ \Phi_{162}^{2}\ \Phi_{81}^{3}\ \Phi_{54}^{2}\ \Phi_{27}^{3}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
77213	1255	840	$\frac{1}{28}$	$\frac{29}{280}$	$\frac{1}{6}$	$\frac{27}{56}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}\ \Phi_{210}^{2}\ \Phi_{140}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{70}\ \Phi_{60}^{2}\ \Phi_{42}^{2}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{28}\ \Phi_{21}^{2}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
77214	1255	484	$\frac{9}{242}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{233}{484}$	$\Phi_{484}^{5}\ \Phi_{44}^{5}\ \Phi_{11}^{4}\ \Phi_{4}^{5}\ \Phi_{1}^{5}$
77215	1255	1518	$\frac{10}{253}$	$\frac{1}{11}$	$\frac{263}{1518}$	$\frac{243}{506}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{253}\ \Phi_{138}\ \Phi_{69}\ \Phi_{66}\ \Phi_{33}\ \Phi_{23}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
77216	1255	1848	$\frac{23}{616}$	$\frac{1}{22}$	$\frac{593}{1848}$	$\frac{21}{44}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
77217	1255	264	$\frac{1}{22}$	$\frac{13}{264}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{264}^{5}\ \Phi_{132}^{5}\ \Phi_{88}^{4}\ \Phi_{66}^{5}\ \Phi_{44}^{5}\ \Phi_{33}^{5}\ \Phi_{24}^{5}\ \Phi_{22}^{4}\ \Phi_{12}^{5}\ \Phi_{11}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
77218	1255	308	$\frac{1}{22}$	$\frac{23}{308}$	$\frac{57}{308}$	$\frac{21}{44}$	$\Phi_{308}^{4}\ \Phi_{154}^{4}\ \Phi_{77}^{4}\ \Phi_{44}^{5}\ \Phi_{28}^{4}\ \Phi_{22}^{4}\ \Phi_{14}^{4}\ \Phi_{11}^{4}\ \Phi_{7}^{4}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
77219	1255	1408	$\frac{1}{22}$	$\frac{153}{1408}$	$\frac{23}{176}$	$\frac{21}{44}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{128}\ \Phi_{64}\ \Phi_{44}\ \Phi_{32}\ \Phi_{4}\ \Phi_{1}$
77220	1255	480	$\frac{11}{240}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{229}{480}$	$\Phi_{480}^{5}\ \Phi_{160}^{5}\ \Phi_{96}^{5}\ \Phi_{32}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
77221	1255	1428	$\frac{13}{238}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{225}{476}$	$\Phi_{1428}^2\ \Phi_{476}\ \Phi_{204}^2\ \Phi_{84}^2\ \Phi_{68}\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
77222	1255	2376	$\frac{1}{33}$	$\frac{67}{1188}$	$\frac{32}{99}$	$\frac{1121}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
77223	1255	1344	$\frac{5}{84}$	$\frac{89}{1344}$	$\frac{1}{6}$	$\frac{79}{168}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
77224	1255	2352	$\frac{5}{84}$	$\frac{79}{1176}$	$\frac{1}{6}$	$\frac{1097}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
77225	1255	468	$\frac{1}{18}$	$\frac{17}{234}$	$\frac{1}{6}$	$\frac{217}{468}$	$\Phi_{468}^5\ \Phi_{156}^5\ \Phi_{52}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
77226	1255	1716	$\frac{1}{33}$	$\frac{32}{429}$	$\frac{461}{1716}$	$\frac{397}{858}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{429}\ \Phi_{156}\ \Phi_{143}\ \Phi_{132}\ \Phi_{52}\ \Phi_{44}\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
77227	1255	264	$\frac{13}{264}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{264}^5\ \Phi_{132}^5\ \Phi_{88}^5\ \Phi_{66}^5\ \Phi_{44}^5\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{12}^5\ \Phi_{11}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
77228	1255	462	$\frac{1}{21}$	$\frac{20}{231}$	$\frac{1}{6}$	$\frac{211}{462}$	$\Phi_{462}^2\ \Phi_{231}^3\ \Phi_{154}^2\ \Phi_{77}^3\ \Phi_{66}^2\ \Phi_{42}^5\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{11}^3\ \Phi_7^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
77229	1255	456	$\frac{2}{57}$	$\frac{23}{228}$	$\frac{11}{57}$	$\frac{205}{456}$	$\Phi_{456}^5\ \Phi_{152}^5\ \Phi_{57}^2\ \Phi_{24}^5\ \Phi_{19}^2\ \Phi_8^5\ \Phi_3^2\ \Phi_1^3$
77230	1255	2268	$\frac{5}{126}$	$\frac{121}{1134}$	$\frac{1}{6}$	$\frac{1013}{2268}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{324}\ \Phi_{252}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
77231	1255	1344	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{1}{6}$	$\frac{197}{448}$	$\Phi_{1344}^2\ \Phi_{448}\ \Phi_{192}^2\ \Phi_{84}^2\ \Phi_{64}\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
77232	1255	1296	$\frac{41}{1296}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
77233	1255	432	$\frac{1}{36}$	$\frac{35}{216}$	$\frac{1}{6}$	$\frac{181}{432}$	$\Phi_{432}^5\ \Phi_{144}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
77234	1255	1872	$\frac{7}{624}$	$\frac{1}{6}$	$\frac{617}{1872}$	$\frac{5}{12}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{144}\ \Phi_{117}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
77235	1255	1272	$\frac{17}{1272}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1272}\ \Phi_{636}\ \Phi_{424}\ \Phi_{318}\ \Phi_{212}\ \Phi_{159}\ \Phi_{106}\ \Phi_{53}\ \Phi_{12}\ \Phi_4\ \Phi_1$
77236	1255	312	$\frac{7}{312}$	$\frac{1}{6}$	$\frac{61}{312}$	$\frac{5}{12}$	$\Phi_{312}^4\ \Phi_{156}^4\ \Phi_{104}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{24}^4\ \Phi_{13}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
77237	1255	1296	$\frac{41}{1296}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
77238	1255	1404	$\frac{7}{156}$	$\frac{149}{1404}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{234}\ \Phi_{117}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
77239	1255	1344	$\frac{89}{1344}$	$\frac{7}{96}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
77240	1255	264	$\frac{13}{264}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{264}^5\ \Phi_{132}^5\ \Phi_{88}^5\ \Phi_{66}^5\ \Phi_{44}^5\ \Phi_{33}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_8^5\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_1^5$
77241	1255	2112	$\frac{1}{66}$	$\frac{199}{1056}$	$\frac{65}{264}$	$\frac{857}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
77242	1255	285	$\frac{2}{57}$	$\frac{34}{285}$	$\frac{11}{57}$	$\frac{23}{57}$	$\Phi_{285}^5\ \Phi_{95}^5\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_{15}^5\ \Phi_5^5\ \Phi_3^2\ \Phi_1^3$
77243	1255	420	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{41}{210}$	$\frac{169}{420}$	$\Phi_{420}^5\ \Phi_{140}^5\ \Phi_{84}^5\ \Phi_{60}^5\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{21}^5\ \Phi_{20}^5\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_7^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
77244	1255	2052	$\frac{1}{114}$	$\frac{229}{1026}$	$\frac{113}{342}$	$\frac{797}{2052}$	$\Phi_{2052}\ \Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{108}\ \Phi_{76}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
77245	1255	2024	$\frac{10}{253}$	$\frac{1}{11}$	$\frac{243}{1012}$	$\frac{769}{2024}$	$\Phi_{2024}\ \Phi_{253}\ \Phi_{184}\ \Phi_{88}\ \Phi_{23}\ \Phi_8\ \Phi_1$
77246	1255	2016	$\frac{5}{252}$	$\frac{1}{6}$	$\frac{247}{1008}$	$\frac{761}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
77247	1255	1584	$\frac{1}{66}$	$\frac{329}{1584}$	$\frac{65}{264}$	$\frac{199}{528}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
77248	1255	1824	$\frac{1}{114}$	$\frac{113}{456}$	$\frac{569}{1824}$	$\frac{343}{912}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{96}\ \Phi_{76}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
77249	1255	3000	$\frac{1}{125}$	$\frac{1}{4}$	$\frac{124}{375}$	$\frac{3}{8}$	$\Phi_{3000}\ \Phi_{600}\ \Phi_{375}\ \Phi_{120}\ \Phi_{75}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
77250	1255	2040	$\frac{4}{255}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{255}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{51}\ \Phi_{24}\ \Phi_{17}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
77251	1255	768	$\frac{5}{256}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}\ \Phi_{192}^2\ \Phi_{128}\ \Phi_{96}^2\ \Phi_{64}\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
77252	1255	600	$\frac{1}{50}$	$\frac{49}{300}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{600}^4\ \Phi_{300}\ \Phi_{200}^2\ \Phi_{150}\ \Phi_{120}^4\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
77253	1255	520	$\frac{9}{260}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}^4\ \Phi_{260}\ \Phi_{130}\ \Phi_{104}^4\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}^2\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_8^3\ \Phi_4\ \Phi_1$
77254	1255	2200	$\frac{1}{25}$	$\frac{24}{275}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{275}\ \Phi_{88}\ \Phi_{55}\ \Phi_{11}\ \Phi_8\ \Phi_1$
77255	1255	396	$\frac{1}{66}$	$\frac{13}{66}$	$\frac{53}{198}$	$\frac{145}{396}$	$\Phi_{396}^5\ \Phi_{132}^5\ \Phi_{66}^4\ \Phi_{44}^5\ \Phi_{36}^5\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
77256	1255	1386	$\frac{1}{33}$	$\frac{131}{1386}$	$\frac{32}{99}$	$\frac{67}{198}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{126}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
77257	1255	378	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{62}{189}$	$\frac{127}{378}$	$\Phi_{378}^2\ \Phi_{189}^3\ \Phi_{126}^5\ \Phi_{63}^5\ \Phi_{54}^2\ \Phi_{42}^5\ \Phi_{27}^3\ \Phi_{21}^5\ \Phi_{18}^5\ \Phi_{14}^5\ \Phi_9^5\ \Phi_7^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
77258	1255	372	$\frac{3}{124}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{121}{372}$	$\Phi_{372}^3\ \Phi_{186}^3\ \Phi_{124}^4\ \Phi_{93}^3\ \Phi_{62}^4\ \Phi_{31}^4\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
77259	1255	324	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{73}{324}$	$\frac{35}{108}$	$\Phi_{324}^5\ \Phi_{162}^5\ \Phi_{81}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
77260	1255	1782	$\frac{1}{33}$	$\frac{67}{594}$	$\frac{527}{1782}$	$\frac{32}{99}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{162}\ \Phi_{99}\ \Phi_{81}\ \Phi_9\ \Phi_1$
77261	1255	297	$\frac{1}{33}$	$\frac{46}{297}$	$\frac{67}{297}$	$\frac{32}{99}$	$\Phi_{297}^4\ \Phi_{99}^5\ \Phi_{33}^4\ \Phi_{27}^4\ \Phi_{11}^4\ \Phi_9^5\ \Phi_3^4\ \Phi_1^5$
77262	1255	1584	$\frac{1}{33}$	$\frac{67}{396}$	$\frac{329}{1584}$	$\frac{32}{99}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
77263	1255	1512	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{257}{1512}$	$\frac{121}{378}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
77264	1255	1836	$\frac{31}{612}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{581}{1836}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{459}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
77265	1255	363	$\frac{9}{121}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{112}{363}$	$\Phi_{363}^5\ \Phi_{33}^5\ \Phi_{11}^4\ \Phi_3^5\ \Phi_1^5$
77266	1255	360	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{6}$	$\frac{109}{360}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{90}^5\ \Phi_{72}^5\ \Phi_{45}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
77267	1255	270	$\frac{19}{270}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{270}^5\ \Phi_{135}^5\ \Phi_{90}^5\ \Phi_{54}^2\ \Phi_{45}^5\ \Phi_{30}^5\ \Phi_{27}^3\ \Phi_{18}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
77268	1255	1764	$\frac{5}{84}$	$\frac{79}{588}$	$\frac{1}{6}$	$\frac{509}{1764}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{441}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
77269	1255	1656	$\frac{13}{414}$	$\frac{1}{6}$	$\frac{401}{1656}$	$\frac{5}{18}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{92}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
77270	1255	1296	$\frac{41}{1296}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
77271	1255	342	$\frac{2}{57}$	$\frac{11}{57}$	$\frac{23}{114}$	$\frac{91}{342}$	$\Phi_{342}^5\ \Phi_{171}^5\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_{18}^5\ \Phi_9^5\ \Phi_3^2\ \Phi_1^3$
77272	1255	336	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{27}{112}$	$\frac{85}{336}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^4\ \Phi_{84}^5\ \Phi_{56}^4\ \Phi_{48}^3\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{24}^3\ \Phi_{21}^5\ \Phi_{16}^4\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_8^4\ \Phi_7^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
77273	1255	288	$\frac{1}{12}$	$\frac{37}{288}$	$\frac{1}{6}$	$\frac{11}{48}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^5\ \Phi_{72}^5\ \Phi_{36}^5\ \Phi_{32}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
77274	1255	324	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{73}{324}$	$\Phi_{324}^5\ \Phi_{162}^2\ \Phi_{108}^5\ \Phi_{81}^3\ \Phi_{54}^2\ \Phi_{36}^5\ \Phi_{27}^3\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
77275	1255	300	$\frac{1}{12}$	$\frac{49}{300}$	$\frac{1}{6}$	$\frac{11}{60}$	$\Phi_{300}^5\ \Phi_{150}^5\ \Phi_{100}^5\ \Phi_{75}^5\ \Phi_{50}^5\ \Phi_{25}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
77276	1255	840	$\frac{29}{280}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{35}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
77277	1255	294	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{294}$	$\frac{1}{6}$	$\Phi_{294}^4\ \Phi_{147}^4\ \Phi_{98}^4\ \Phi_{49}^5\ \Phi_{42}^5\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_7^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
77278	1256	939	$\frac{1}{313}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{156}{313}$	$\Phi_{939}\ \Phi_{313}^2\ \Phi_3^2\ \Phi_1^4$
77279	1256	251	$\frac{1}{251}$	$\frac{63}{251}$	$\frac{94}{251}$	$\frac{125}{251}$	$\Phi_{251}^5\ \Phi_1^6$
77280	1256	1887	$\frac{3}{629}$	$\frac{158}{629}$	$\frac{1}{3}$	$\frac{313}{629}$	$\Phi_{1887}\ \Phi_{111}\ \Phi_{51}$
77281	1256	625	$\frac{3}{625}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{311}{625}$	$\Phi_{625}^2\ \Phi_{125}^2\ \Phi_{25}^2\ \Phi_5^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
77282	1256	2184	$\frac{1}{156}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{155}{312}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}^2\ \Phi_{168}\ \Phi_{104}^2\ \Phi_{56}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{1}^2$
77283	1256	1560	$\frac{1}{156}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{155}{312}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{120}^2\ \Phi_{40}^2\ \Phi_{15}$
77284	1256	1245	$\frac{11}{1245}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{617}{1245}$	$\Phi_{1245}\ \Phi_{415}\ \Phi_{249}\ \Phi_{83}\ \Phi_{15}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
77285	1256	210	$\frac{1}{105}$	$\frac{1}{5}$	$\frac{53}{210}$	$\frac{52}{105}$	$\Phi_{210}^8\ \Phi_{105}^4\ \Phi_{70}^8\ \Phi_{42}^8\ \Phi_{35}^4\ \Phi_{30}^8\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_{7}^4\ \Phi_{6}^8\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^8\ \Phi_{1}^4$
77286	1256	310	$\frac{2}{155}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{153}{310}$	$\Phi_{310}^8\ \Phi_{62}^8\ \Phi_{10}^8\ \Phi_{5}^3\ \Phi_{2}^8\ \Phi_{1}^4$
77287	1256	945	$\frac{1}{63}$	$\frac{32}{189}$	$\frac{1}{5}$	$\frac{31}{63}$	$\Phi_{945}^2\ \Phi_{315}\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{45}\ \Phi_{35}\ \Phi_{15}$
77288	1256	1540	$\frac{3}{154}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{151}{308}$	$\Phi_{1540}^2\ \Phi_{220}^2\ \Phi_{140}^2\ \Phi_{35}\ \Phi_{20}^2$
77289	1256	615	$\frac{13}{615}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{301}{615}$	$\Phi_{615}^2\ \Phi_{205}^2\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_{15}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{1}^4$
77290	1256	180	$\frac{1}{45}$	$\frac{23}{180}$	$\frac{1}{5}$	$\frac{22}{45}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^8\ \Phi_{45}^4\ \Phi_{36}^8\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{18}^8\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_{9}^4\ \Phi_{6}^8\ \Phi_{5}^3\ \Phi_{4}^8\ \Phi_{3}^4\ \Phi_{2}^8\ \Phi_{1}^4$
77291	1256	1225	$\frac{31}{1225}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{597}{1225}$	$\Phi_{1225}\ \Phi_{245}\ \Phi_{175}\ \Phi_{49}\ \Phi_{35}^2\ \Phi_{25}\ \Phi_{7}^2\ \Phi_{5}\ \Phi_{1}^2$
77292	1256	306	$\frac{4}{153}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{149}{306}$	$\Phi_{306}^8\ \Phi_{102}^8\ \Phi_{51}\ \Phi_{34}^8\ \Phi_{18}^8\ \Phi_{6}^8\ \Phi_{2}^8$
77293	1256	1530	$\frac{4}{153}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{149}{306}$	$\Phi_{1530}^2\ \Phi_{510}^2\ \Phi_{170}^2\ \Phi_{90}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
77294	1256	333	$\frac{1}{37}$	$\frac{19}{333}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{333}^4\ \Phi_{111}^3\ \Phi_{37}^4\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^4$
77295	1256	175	$\frac{1}{35}$	$\frac{18}{175}$	$\frac{1}{5}$	$\frac{17}{35}$	$\Phi_{175}^8\ \Phi_{35}^4\ \Phi_{25}^8\ \Phi_{7}^4\ \Phi_{5}^3\ \Phi_{1}^4$
77296	1256	1215	$\frac{41}{1215}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{587}{1215}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}^2\ \Phi_{27}\ \Phi_{15}^2\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
77297	1256	300	$\frac{7}{150}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{143}{300}$	$\Phi_{300}^8\ \Phi_{100}^8\ \Phi_{60}^8\ \Phi_{20}^8\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_{5}^3\ \Phi_{4}^8\ \Phi_{3}^4\ \Phi_{1}^4$
77298	1256	840	$\frac{1}{21}$	$\frac{11}{168}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2$
77299	1256	595	$\frac{33}{595}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{281}{595}$	$\Phi_{595}^2\ \Phi_{119}^2\ \Phi_{85}^2\ \Phi_{35}^4\ \Phi_{17}^2\ \Phi_{7}^4\ \Phi_{5}^3\ \Phi_{1}^4$
77300	1256	969	$\frac{9}{323}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{969}^2\ \Phi_{57}^2\ \Phi_{51}$
77301	1256	888	$\frac{1}{37}$	$\frac{9}{148}$	$\frac{1}{3}$	$\frac{139}{296}$	$\Phi_{888}^4\ \Phi_{111}\ \Phi_{24}^4$
77302	1256	165	$\frac{8}{165}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{165}^8\ \Phi_{55}^8\ \Phi_{33}^8\ \Phi_{15}^4\ \Phi_{11}^8\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{1}^4$
77303	1256	1470	$\frac{1}{21}$	$\frac{10}{147}$	$\frac{1}{5}$	$\frac{137}{294}$	$\Phi_{1470}^2\ \Phi_{490}^2\ \Phi_{210}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
77304	1256	585	$\frac{2}{45}$	$\frac{43}{585}$	$\frac{1}{5}$	$\frac{271}{585}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{117}^2\ \Phi_{65}^2\ \Phi_{45}^4\ \Phi_{39}^2\ \Phi_{15}^4\ \Phi_{13}^2\ \Phi_{9}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{1}^4$
77305	1256	1155	$\frac{4}{105}$	$\frac{101}{1155}$	$\frac{1}{5}$	$\frac{527}{1155}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}^2\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{7}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
77306	1256	810	$\frac{5}{162}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
77307	1256	280	$\frac{1}{35}$	$\frac{17}{140}$	$\frac{1}{5}$	$\frac{123}{280}$	$\Phi_{280}^8\ \Phi_{56}^8\ \Phi_{40}^8\ \Phi_{35}^4\ \Phi_{8}^8\ \Phi_{7}^4\ \Phi_{5}^3\ \Phi_{1}^4$
77308	1256	1113	$\frac{2}{159}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1113}\ \Phi_{371}\ \Phi_{159}^2\ \Phi_{53}^2\ \Phi_{7}\ \Phi_{1}^2$
77309	1256	1638	$\frac{1}{78}$	$\frac{1}{7}$	$\frac{77}{234}$	$\frac{3}{7}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{234}^2\ \Phi_{126}\ \Phi_{117}^2\ \Phi_{63}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
77310	1256	1120	$\frac{3}{160}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}^2\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}^2\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{32}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{1}^2$
77311	1256	1456	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{51}{208}$	$\frac{3}{7}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{208}^2\ \Phi_{112}\ \Phi_{104}^2\ \Phi_{56}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{1}^2$
77312	1256	805	$\frac{4}{161}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{805}^2\ \Phi_{115}^2\ \Phi_{35}$
77313	1256	1365	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{38}{195}$	$\frac{3}{7}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{195}^2\ \Phi_{105}\ \Phi_{65}^2\ \Phi_{35}\ \Phi_{15}^2\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{1}^2$
77314	1256	1134	$\frac{5}{162}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{162}^2\ \Phi_{126}\ \Phi_{81}^2\ \Phi_{63}\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
77315	1256	182	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{182}^7\ \Phi_{91}^7\ \Phi_{26}^6\ \Phi_{14}^7\ \Phi_{13}^6\ \Phi_{7}^8\ \Phi_{2}^6\ \Phi_{1}^8$
77316	1256	168	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{168}^8\ \Phi_{84}^7\ \Phi_{56}^8\ \Phi_{42}^7\ \Phi_{28}^7\ \Phi_{24}^8\ \Phi_{21}^7\ \Phi_{14}^7\ \Phi_{12}^6\ \Phi_{8}^8\ \Phi_{7}^8\ \Phi_{6}^6\ \Phi_{4}^6\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^8$
77317	1256	1183	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1183}\ \Phi_{169}^2\ \Phi_{7}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
77318	1256	270	$\frac{1}{45}$	$\frac{22}{135}$	$\frac{1}{5}$	$\frac{113}{270}$	$\Phi_{270}^{8}\,\Phi_{90}^{8}\,\Phi_{54}^{8}\,\Phi_{45}^{4}\,\Phi_{30}^{8}\,\Phi_{18}^{8}\,\Phi_{15}^{4}\,\Phi_{10}^{8}\,\Phi_{9}^{4}\,\Phi_{6}^{8}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{2}^{8}\,\Phi_{1}^{4}$
77319	1256	525	$\frac{2}{105}$	$\frac{103}{525}$	$\frac{1}{5}$	$\frac{211}{525}$	$\Phi_{525}^{2}\,\Phi_{175}^{2}\,\Phi_{105}^{4}\,\Phi_{75}^{2}\,\Phi_{35}^{4}\,\Phi_{25}^{2}\,\Phi_{21}^{4}\,\Phi_{15}^{4}\,\Phi_{7}^{4}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
77320	1256	160	$\frac{3}{160}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{160}^{8}\,\Phi_{80}^{8}\,\Phi_{40}^{8}\,\Phi_{32}^{8}\,\Phi_{20}^{8}\,\Phi_{16}^{8}\,\Phi_{10}^{8}\,\Phi_{8}^{8}\,\Phi_{5}^{3}\,\Phi_{4}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{4}$
77321	1256	375	$\frac{3}{125}$	$\frac{61}{375}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{375}^{4}\,\Phi_{125}^{2}\,\Phi_{75}^{4}\,\Phi_{25}^{2}\,\Phi_{15}^{4}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
77322	1256	325	$\frac{11}{325}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{325}^{4}\,\Phi_{65}^{4}\,\Phi_{25}^{2}\,\Phi_{13}^{4}\,\Phi_{5}^{3}\,\Phi_{1}^{4}$
77323	1256	1260	$\frac{1}{63}$	$\frac{1}{5}$	$\frac{31}{126}$	$\frac{95}{252}$	$\Phi_{1260}^{2}\,\Phi_{420}^{2}\,\Phi_{315}\,\Phi_{180}^{2}\,\Phi_{140}^{2}\,\Phi_{105}\,\Phi_{60}^{2}\,\Phi_{45}\,\Phi_{35}\,\Phi_{20}^{2}\,\Phi_{15}$
77324	1256	945	$\frac{4}{315}$	$\frac{1}{5}$	$\frac{311}{945}$	$\frac{317}{945}$	$\Phi_{945}\,\Phi_{315}^{2}\,\Phi_{189}\,\Phi_{135}\,\Phi_{105}^{2}\,\Phi_{63}^{2}\,\Phi_{45}^{2}\,\Phi_{35}^{2}\,\Phi_{27}\,\Phi_{21}^{2}\,\Phi_{15}^{2}\,\Phi_{9}^{2}\,\Phi_{7}^{2}\,\Phi_{5}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
77325	1256	474	$\frac{1}{158}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{474}^{3}\,\Phi_{237}^{3}\,\Phi_{158}^{2}\,\Phi_{79}^{2}\,\Phi_{6}^{3}\,\Phi_{2}^{2}$
77326	1256	795	$\frac{2}{159}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{795}^{2}\,\Phi_{265}^{2}\,\Phi_{15}$
77327	1256	1170	$\frac{1}{78}$	$\frac{1}{5}$	$\frac{77}{234}$	$\frac{1}{3}$	$\Phi_{1170}^{2}\,\Phi_{585}^{2}\,\Phi_{90}^{2}\,\Phi_{45}^{2}\,\Phi_{15}$
77328	1256	459	$\frac{8}{153}$	$\frac{1}{17}$	$\frac{145}{459}$	$\frac{1}{3}$	$\Phi_{459}^{4}\,\Phi_{51}\,\Phi_{27}^{4}$
77329	1256	663	$\frac{35}{663}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{663}^{2}\,\Phi_{221}^{2}\,\Phi_{51}\,\Phi_{39}^{2}\,\Phi_{13}^{2}$
77330	1256	222	$\frac{1}{37}$	$\frac{9}{74}$	$\frac{65}{222}$	$\frac{1}{3}$	$\Phi_{222}^{4}\,\Phi_{111}^{5}\,\Phi_{74}^{8}\,\Phi_{37}^{8}\,\Phi_{6}^{4}\,\Phi_{3}^{4}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
77331	1256	480	$\frac{3}{160}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{480}^{4}\,\Phi_{240}^{4}\,\Phi_{120}^{4}\,\Phi_{96}^{4}\,\Phi_{60}^{3}\,\Phi_{48}^{4}\,\Phi_{30}^{3}\,\Phi_{24}^{4}\,\Phi_{15}^{4}\,\Phi_{12}^{4}\,\Phi_{6}^{4}\,\Phi_{3}^{4}$
77332	1256	3120	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{51}{208}$	$\frac{1}{3}$	$\Phi_{3120}\,\Phi_{1560}\,\Phi_{240}\,\Phi_{120}\,\Phi_{15}$
77333	1256	555	$\frac{1}{37}$	$\frac{28}{185}$	$\frac{9}{37}$	$\frac{1}{3}$	$\Phi_{555}^{4}\,\Phi_{111}\,\Phi_{15}^{4}$
77334	1256	510	$\frac{1}{17}$	$\frac{13}{170}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{510}^{4}\,\Phi_{255}^{4}\,\Phi_{102}^{4}\,\Phi_{51}\,\Phi_{30}^{4}\,\Phi_{15}^{4}\,\Phi_{6}^{4}$
77335	1256	204	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{47}{204}$	$\frac{1}{3}$	$\Phi_{204}^{8}\,\Phi_{102}^{8}\,\Phi_{68}^{8}\,\Phi_{51}\,\Phi_{34}^{8}\,\Phi_{12}^{8}\,\Phi_{6}^{8}\,\Phi_{4}^{8}\,\Phi_{2}^{8}$
77336	1256	195	$\frac{1}{39}$	$\frac{38}{195}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{195}^{6}\,\Phi_{65}^{6}\,\Phi_{39}^{8}\,\Phi_{15}^{7}\,\Phi_{13}^{8}\,\Phi_{5}^{6}\,\Phi_{3}^{8}\,\Phi_{1}^{8}$
77337	1256	810	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{810}^{2}\,\Phi_{405}^{2}\,\Phi_{270}^{2}\,\Phi_{135}^{2}\,\Phi_{90}^{2}\,\Phi_{45}^{2}\,\Phi_{15}$
77338	1256	2730	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2730}\,\Phi_{1365}\,\Phi_{210}\,\Phi_{105}\,\Phi_{15}$
77339	1256	1755	$\frac{2}{39}$	$\frac{37}{351}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1755}\,\Phi_{585}\,\Phi_{135}\,\Phi_{45}\,\Phi_{15}$
77340	1256	840	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{840}^{2}\,\Phi_{420}^{2}\,\Phi_{280}^{2}\,\Phi_{210}^{2}\,\Phi_{140}^{2}\,\Phi_{120}^{2}\,\Phi_{105}^{2}\,\Phi_{70}^{2}\,\Phi_{40}^{2}\,\Phi_{35}^{2}\,\Phi_{15}$
77341	1256	2535	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2535}\,\Phi_{15}$
77342	1256	765	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{137}{765}$	$\frac{1}{3}$	$\Phi_{765}^{2}\,\Phi_{255}^{2}\,\Phi_{85}^{2}\,\Phi_{51}\,\Phi_{45}^{2}\,\Phi_{15}^{2}\,\Phi_{5}^{2}$
77343	1256	357	$\frac{1}{17}$	$\frac{43}{357}$	$\frac{8}{51}$	$\frac{1}{3}$	$\Phi_{357}^{4}\,\Phi_{119}^{4}\,\Phi_{51}\,\Phi_{21}^{4}\,\Phi_{7}^{4}$
77344	1256	405	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{91}{405}$	$\frac{44}{135}$	$\Phi_{405}^{4}\,\Phi_{81}^{4}\,\Phi_{45}^{4}\,\Phi_{15}^{4}\,\Phi_{9}^{4}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
77345	1256	465	$\frac{4}{155}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{151}{465}$	$\Phi_{465}^{4}\,\Phi_{93}^{4}\,\Phi_{15}^{4}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
77346	1256	1155	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{74}{231}$	$\Phi_{1155}^{2}\,\Phi_{165}^{2}\,\Phi_{105}^{2}\,\Phi_{35}\,\Phi_{15}^{2}$
77347	1256	2295	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{145}{459}$	$\Phi_{2295}\,\Phi_{135}\,\Phi_{45}\,\Phi_{15}$
77348	1256	675	$\frac{47}{675}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{135}$	$\Phi_{675}^{2}\,\Phi_{225}^{2}\,\Phi_{135}\,\Phi_{75}^{2}\,\Phi_{45}^{2}\,\Phi_{27}\,\Phi_{25}^{2}\,\Phi_{15}^{2}\,\Phi_{9}^{2}\,\Phi_{5}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
77349	1256	225	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{1}{5}$	$\frac{68}{225}$	$\Phi_{225}^{8}\,\Phi_{45}^{8}\,\Phi_{15}^{4}\,\Phi_{9}^{8}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
77350	1256	2205	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{1}{5}$	$\frac{127}{441}$	$\Phi_{2205}\,\Phi_{315}\,\Phi_{105}\,\Phi_{45}\,\Phi_{35}\,\Phi_{15}$
77351	1256	210	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{17}{70}$	$\frac{53}{210}$	$\Phi_{210}^{8}\,\Phi_{105}^{8}\,\Phi_{42}^{8}\,\Phi_{35}^{4}\,\Phi_{30}^{8}\,\Phi_{21}^{8}\,\Phi_{15}^{8}\,\Phi_{7}^{4}\,\Phi_{6}^{8}\,\Phi_{5}^{3}\,\Phi_{3}^{8}\,\Phi_{1}^{4}$
77352	1256	180	$\frac{1}{15}$	$\frac{23}{180}$	$\frac{1}{5}$	$\frac{7}{30}$	$\Phi_{180}^{8}\,\Phi_{90}^{8}\,\Phi_{60}^{8}\,\Phi_{45}^{8}\,\Phi_{36}^{8}\,\Phi_{20}^{8}\,\Phi_{18}^{8}\,\Phi_{15}^{4}\,\Phi_{12}^{8}\,\Phi_{9}^{8}\,\Phi_{5}^{3}\,\Phi_{4}^{8}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
77353	1256	405	$\frac{4}{45}$	$\frac{41}{405}$	$\frac{1}{5}$	$\frac{91}{405}$	$\Phi_{405}^{3}\,\Phi_{135}^{3}\,\Phi_{81}^{3}\,\Phi_{45}^{4}\,\Phi_{27}^{3}\,\Phi_{15}^{4}\,\Phi_{9}^{4}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
77354	1256	840	$\frac{11}{168}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{840}^{2}\,\Phi_{420}^{2}\,\Phi_{280}^{2}\,\Phi_{210}^{2}\,\Phi_{140}^{2}\,\Phi_{120}^{2}\,\Phi_{105}^{2}\,\Phi_{60}^{2}\,\Phi_{40}^{2}\,\Phi_{35}\,\Phi_{30}^{2}\,\Phi_{20}^{2}\,\Phi_{15}^{2}$
77355	1256	375	$\frac{1}{15}$	$\frac{61}{375}$	$\frac{14}{75}$	$\frac{1}{5}$	$\Phi_{375}^{4}\,\Phi_{125}^{4}\,\Phi_{15}^{4}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
77356	1256	385	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{385}$	$\frac{1}{5}$	$\Phi_{385}^3\ \Phi_{77}^4\ \Phi_{55}^3\ \Phi_{35}^4\ \Phi_{11}^4\ \Phi_{7}^4\ \Phi_{5}^3\ \Phi_{1}^4$
77357	1256	175	$\frac{18}{175}$	$\frac{4}{35}$	$\frac{31}{175}$	$\frac{1}{5}$	$\Phi_{175}^7\ \Phi_{35}^8\ \Phi_{25}^7\ \Phi_{7}^8\ \Phi_{5}^7\ \Phi_{1}^8$
77358	1256	735	$\frac{4}{35}$	$\frac{31}{245}$	$\frac{107}{735}$	$\frac{1}{5}$	$\Phi_{735}^2\ \Phi_{245}\ \Phi_{147}^2\ \Phi_{105}^2\ \Phi_{49}\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{7}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
77359	1257	1668	$\frac{2}{417}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{415}{834}$	$\Phi_{1668}\ \Phi_{556}\ \Phi_{417}\ \Phi_{139}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
77360	1257	560	$\frac{1}{140}$	$\frac{1}{4}$	$\frac{141}{560}$	$\frac{139}{280}$	$\Phi_{560}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_{7}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
77361	1257	832	$\frac{3}{416}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{413}{832}$	$\Phi_{832}^3\ \Phi_{64}^3\ \Phi_{16}\ \Phi_{1}$
77362	1257	832	$\frac{3}{416}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{413}{832}$	$\Phi_{832}^3\ \Phi_{64}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
77363	1257	1660	$\frac{4}{415}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{411}{830}$	$\Phi_{1660}\ \Phi_{415}\ \Phi_{332}\ \Phi_{83}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
77364	1257	504	$\frac{1}{84}$	$\frac{85}{504}$	$\frac{1}{4}$	$\frac{83}{168}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{9}^3\ \Phi_{7}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
77365	1257	828	$\frac{5}{414}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{409}{828}$	$\Phi_{828}\ \Phi_{414}^2\ \Phi_{276}\ \Phi_{207}^2\ \Phi_{138}^2\ \Phi_{92}\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{36}\ \Phi_{23}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{9}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
77366	1257	2480	$\frac{17}{1240}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1223}{2480}$	$\Phi_{2480}\ \Phi_{496}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
77367	1257	1652	$\frac{6}{413}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{407}{826}$	$\Phi_{1652}\ \Phi_{413}\ \Phi_{236}\ \Phi_{59}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
77368	1257	480	$\frac{1}{60}$	$\frac{61}{480}$	$\frac{1}{4}$	$\frac{59}{120}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
77369	1257	2464	$\frac{25}{1232}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1207}{2464}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{224}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
77370	1257	1400	$\frac{3}{140}$	$\frac{143}{1400}$	$\frac{1}{4}$	$\frac{137}{280}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{200}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
77371	1257	820	$\frac{9}{410}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{401}{820}$	$\Phi_{820}\ \Phi_{410}^2\ \Phi_{205}^2\ \Phi_{164}\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
77372	1257	816	$\frac{11}{408}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{397}{816}$	$\Phi_{816}^3\ \Phi_{272}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
77373	1257	812	$\frac{13}{406}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{393}{812}$	$\Phi_{812}\ \Phi_{406}^2\ \Phi_{203}^2\ \Phi_{116}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{7}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
77374	1257	1620	$\frac{14}{405}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{391}{810}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
77375	1257	448	$\frac{1}{28}$	$\frac{29}{448}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{7}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
77376	1257	800	$\frac{19}{400}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{381}{800}$	$\Phi_{800}^3\ \Phi_{160}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
77377	1257	440	$\frac{21}{440}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{88}^3\ \Phi_{55}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{20}^3\ \Phi_{11}^3\ \Phi_{10}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
77378	1257	1596	$\frac{1}{21}$	$\frac{20}{399}$	$\frac{1}{4}$	$\frac{379}{798}$	$\Phi_{1596}\ \Phi_{532}\ \Phi_{399}\ \Phi_{228}\ \Phi_{133}\ \Phi_{84}^2\ \Phi_{76}\ \Phi_{57}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{19}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
77379	1257	784	$\frac{1}{28}$	$\frac{27}{392}$	$\frac{1}{4}$	$\frac{365}{784}$	$\Phi_{784}^3\ \Phi_{112}^3\ \Phi_{28}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{7}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
77380	1257	780	$\frac{1}{30}$	$\frac{29}{390}$	$\frac{1}{4}$	$\frac{361}{780}$	$\Phi_{780}\ \Phi_{390}^2\ \Phi_{260}\ \Phi_{195}^2\ \Phi_{156}\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}^3\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{30}^3\ \Phi_{26}^2\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
77381	1257	432	$\frac{13}{432}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{9}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
77382	1257	1540	$\frac{1}{35}$	$\frac{34}{385}$	$\frac{1}{4}$	$\frac{351}{770}$	$\Phi_{1540}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}^2\ \Phi_{77}\ \Phi_{70}\ \Phi_{55}\ \Phi_{44}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{11}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
77383	1257	1288	$\frac{31}{1288}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{322}\ \Phi_{184}\ \Phi_{161}\ \Phi_{92}\ \Phi_{46}\ \Phi_{28}\ \Phi_{23}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
77384	1257	756	$\frac{1}{42}$	$\frac{41}{378}$	$\frac{1}{4}$	$\frac{337}{756}$	$\Phi_{756}\ \Phi_{378}^2\ \Phi_{252}\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}\ \Phi_{84}^3\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^3\ \Phi_{36}\ \Phi_{28}^3\ \Phi_{27}^2\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{9}^2\ \Phi_{7}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
77385	1257	2240	$\frac{3}{140}$	$\frac{137}{1120}$	$\frac{1}{4}$	$\frac{983}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{140}\ \Phi_{70}\ \Phi_{64}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
77386	1257	624	$\frac{3}{208}$	$\frac{1}{8}$	$\frac{205}{624}$	$\frac{7}{16}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{48}^3\ \Phi_{39}^3\ \Phi_{24}^3\ \Phi_{16}\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{3}^3\ \Phi_{1}$
77387	1257	1280	$\frac{23}{1280}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
77388	1257	1664	$\frac{9}{416}$	$\frac{1}{8}$	$\frac{407}{1664}$	$\frac{7}{16}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
77389	1257	432	$\frac{13}{432}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
77390	1257	1456	$\frac{9}{208}$	$\frac{1}{8}$	$\frac{199}{1456}$	$\frac{7}{16}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{112}\ \Phi_{91}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
77391	1257	448	$\frac{29}{448}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{64}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{16}\ \Phi_{14}^3\ \Phi_7^3\ \Phi_1$
77392	1257	1280	$\frac{23}{1280}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
77393	1257	720	$\frac{1}{60}$	$\frac{59}{360}$	$\frac{1}{4}$	$\frac{301}{720}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{144}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
77394	1257	700	$\frac{1}{70}$	$\frac{69}{350}$	$\frac{1}{4}$	$\frac{281}{700}$	$\Phi_{700}\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{140}^3\ \Phi_{100}\ \Phi_{70}^3\ \Phi_{50}^2\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_7^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
77395	1257	672	$\frac{1}{84}$	$\frac{83}{336}$	$\frac{1}{4}$	$\frac{253}{672}$	$\Phi_{672}^3\ \Phi_{224}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
77396	1257	424	$\frac{5}{424}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{424}^3\ \Phi_{212}^3\ \Phi_{106}^3\ \Phi_{53}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
77397	1257	1260	$\frac{1}{105}$	$\frac{1}{4}$	$\frac{104}{315}$	$\frac{211}{630}$	$\Phi_{1260}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
77398	1257	628	$\frac{1}{157}$	$\frac{52}{157}$	$\frac{209}{628}$	$\frac{105}{314}$	$\Phi_{628}^3\ \Phi_{157}^2\ \Phi_4^3\ \Phi_1^3$
77399	1257	624	$\frac{3}{208}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{205}{624}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{48}^3\ \Phi_{39}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
77400	1257	540	$\frac{1}{60}$	$\frac{121}{540}$	$\frac{1}{4}$	$\frac{59}{180}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{60}^3\ \Phi_{54}^3\ \Phi_{30}^3\ \Phi_{27}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
77401	1257	504	$\frac{1}{42}$	$\frac{85}{504}$	$\frac{1}{4}$	$\frac{41}{126}$	$\Phi_{504}^3\ \Phi_{252}\ \Phi_{168}^3\ \Phi_{126}^2\ \Phi_{84}^3\ \Phi_{72}^3\ \Phi_{63}^2\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{36}\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
77402	1257	620	$\frac{17}{620}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{201}{620}$	$\Phi_{620}^2\ \Phi_{310}^2\ \Phi_{155}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
77403	1257	616	$\frac{25}{616}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{197}{616}$	$\Phi_{616}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{88}^2\ \Phi_{77}^2\ \Phi_{56}^2\ \Phi_{44}^2\ \Phi_{28}^3\ \Phi_{22}^2\ \Phi_{14}^3\ \Phi_{11}^2\ \Phi_8^2\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
77404	1257	612	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{193}{612}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{153}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
77405	1257	900	$\frac{1}{15}$	$\frac{31}{450}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{900}^2\ \Phi_{450}\ \Phi_{300}^2\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
77406	1257	600	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{1}{4}$	$\frac{181}{600}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
77407	1257	588	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{1}{4}$	$\frac{169}{588}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{147}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
77408	1257	432	$\frac{13}{432}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{48}^3\ \Phi_{36}\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
77409	1257	560	$\frac{3}{140}$	$\frac{137}{560}$	$\frac{1}{4}$	$\frac{141}{560}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^3\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{70}^3\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_8^2\ \Phi_7^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
77410	1257	520	$\frac{3}{104}$	$\frac{101}{520}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{520}^3\ \Phi_{260}^3\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
77411	1257	432	$\frac{13}{432}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
77412	1257	468	$\frac{3}{52}$	$\frac{49}{468}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{156}^3\ \Phi_{117}^3\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
77413	1257	448	$\frac{29}{448}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{64}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
77414	1257	552	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{133}{552}$	$\frac{1}{4}$	$\Phi_{552}^3\ \Phi_{276}\ \Phi_{184}^3\ \Phi_{138}^2\ \Phi_{92}\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{24}^3\ \Phi_{23}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
77415	1257	480	$\frac{1}{20}$	$\frac{61}{480}$	$\frac{19}{80}$	$\frac{1}{4}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
77416	1257	540	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{121}{540}$	$\frac{1}{4}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^3\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^3\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{27}^3\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
77417	1257	448	$\frac{29}{448}$	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}^2\ \Phi_{64}^3\ \Phi_{56}^2\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_8^2\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
77418	1257	500	$\frac{1}{20}$	$\frac{81}{500}$	$\frac{19}{100}$	$\frac{1}{4}$	$\Phi_{500}^3\ \Phi_{250}^3\ \Phi_{125}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
77419	1257	1540	$\frac{25}{308}$	$\frac{3}{28}$	$\frac{283}{1540}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{220}\ \Phi_{140}\ \Phi_{110}\ \Phi_{70}\ \Phi_{55}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
77420	1258	1254	$\frac{2}{627}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{625}{1254}$	$\Phi_{1254}^2\ \Phi_{418}^2\ \Phi_{114}^2\ \Phi_{66}^2\ \Phi_{38}^2\ \Phi_{22}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77421	1258	840	$\frac{1}{210}$	$\frac{211}{840}$	$\frac{1}{3}$	$\frac{209}{420}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77422	1258	1251	$\frac{7}{1251}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{622}{1251}$	$\Phi_{1251}\ \Phi_{417}\ \Phi_{139}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
77423	1258	3750	$\frac{4}{625}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{621}{1250}$	$\Phi_{3750}\ \Phi_{750}\ \Phi_{150}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
77424	1258	756	$\frac{1}{126}$	$\frac{127}{756}$	$\frac{1}{3}$	$\frac{125}{252}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77425	1258	1248	$\frac{5}{624}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{619}{1248}$	$\Phi_{1248}^2\ \Phi_{416}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77426	1258	3738	$\frac{6}{623}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{617}{1246}$	$\Phi_{3738}\ \Phi_{534}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
77427	1258	1245	$\frac{13}{1245}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{616}{1245}$	$\Phi_{1245}\ \Phi_{415}\ \Phi_{249}\ \Phi_{83}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
77428	1258	720	$\frac{1}{90}$	$\frac{91}{720}$	$\frac{1}{3}$	$\frac{89}{180}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77429	1258	1242	$\frac{8}{621}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{613}{1242}$	$\Phi_{1242}^2\ \Phi_{414}^2\ \Phi_{138}^2\ \Phi_{54}^2\ \Phi_{46}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77430	1258	2336	$\frac{1}{73}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{36}{73}$	$\Phi_{2336}\ \Phi_{73}\ \Phi_{32}^2\ \Phi_1^2$
77431	1258	1752	$\frac{1}{73}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{36}{73}$	$\Phi_{1752}\ \Phi_{876}\ \Phi_{438}\ \Phi_{219}\ \Phi_{73}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
77432	1258	1460	$\frac{1}{73}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{36}{73}$	$\Phi_{1460}\ \Phi_{730}\ \Phi_{365}\ \Phi_{73}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
77433	1258	2100	$\frac{1}{70}$	$\frac{71}{700}$	$\frac{1}{3}$	$\frac{69}{140}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{105}\ \Phi_{75}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
77434	1258	3720	$\frac{9}{620}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{611}{1240}$	$\Phi_{3720}\ \Phi_{744}\ \Phi_{120}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
77435	1258	1239	$\frac{19}{1239}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{610}{1239}$	$\Phi_{1239}\ \Phi_{413}\ \Phi_{177}\ \Phi_{59}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
77436	1258	3696	$\frac{13}{616}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{603}{1232}$	$\Phi_{3696}\ \Phi_{528}\ \Phi_{336}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
77437	1258	1230	$\frac{14}{615}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{601}{1230}$	$\Phi_{1230}^2\ \Phi_{410}^2\ \Phi_{246}^2\ \Phi_{82}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77438	1258	672	$\frac{1}{42}$	$\frac{43}{672}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77439	1258	792	$\frac{1}{36}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{35}{72}$	$\Phi_{792}^3\ \Phi_{264}^3\ \Phi_{88}^3\ \Phi_{72}^4\ \Phi_{33}\ \Phi_{24}^4\ \Phi_{11}\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
77440	1258	72	$\frac{1}{36}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{72}^{34}\ \Phi_{24}^{34}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^{34}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77441	1258	792	$\frac{1}{36}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{35}{72}$	$\Phi_{792}^3\ \Phi_{264}^3\ \Phi_{88}^3\ \Phi_{72}^4\ \Phi_{24}^4\ \Phi_{22}^2\ \Phi_{11}\ \Phi_8^4\ \Phi_2^2\ \Phi_1^2$
77442	1258	429	$\frac{1}{33}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{429}^3\ \Phi_{143}^3\ \Phi_{39}^4\ \Phi_{33}\ \Phi_{13}^4\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
77443	1258	594	$\frac{1}{33}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{16}{33}$	$\Phi_{594}^3\ \Phi_{297}^3\ \Phi_{54}^4\ \Phi_{33}\ \Phi_{27}^4\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
77444	1258	1320	$\frac{1}{33}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{60}\ \Phi_{55}\ \Phi_{40}^2\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
77445	1258	528	$\frac{1}{33}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{16}{33}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{88}^3\ \Phi_{48}^4\ \Phi_{33}\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{11}\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
77446	1258	495	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{16}{33}$	$\Phi_{495}^3\ \Phi_{165}^3\ \Phi_{55}^3\ \Phi_{45}^4\ \Phi_{33}\ \Phi_{15}^4\ \Phi_{11}\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
77447	1258	462	$\frac{1}{33}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{16}{33}$	$\Phi_{462}^3\ \Phi_{231}^3\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{42}^4\ \Phi_{33}\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{11}\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
77448	1258	1218	$\frac{20}{609}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{589}{1218}$	$\Phi_{1218}^2\ \Phi_{406}^2\ \Phi_{174}^2\ \Phi_{58}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77449	1258	660	$\frac{1}{30}$	$\frac{31}{660}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77450	1258	1215	$\frac{43}{1215}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{586}{1215}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}^2\ \Phi_{27}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
77451	1258	450	$\frac{1}{25}$	$\frac{1}{18}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{450}^3\ \Phi_{225}^3\ \Phi_{150}^3\ \Phi_{90}^3\ \Phi_{75}^3\ \Phi_{50}\ \Phi_{45}^3\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{10}\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
77452	1258	1200	$\frac{1}{30}$	$\frac{29}{600}$	$\frac{1}{3}$	$\frac{571}{1200}$	$\Phi_{1200}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77453	1258	1197	$\frac{2}{63}$	$\frac{61}{1197}$	$\frac{1}{3}$	$\frac{568}{1197}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{171}\ \Phi_{133}\ \Phi_{63}^2\ \Phi_{57}\ \Phi_{21}^2\ \Phi_{19}\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
77454	1258	648	$\frac{19}{648}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77455	1258	210	$\frac{1}{35}$	$\frac{2}{35}$	$\frac{1}{3}$	$\frac{33}{70}$	$\Phi_{210}^{17}\ \Phi_{105}\ \Phi_{42}^{17}\ \Phi_{30}^{17}\ \Phi_{21}\ \Phi_{15}\ \Phi_6^{17}$
77456	1258	630	$\frac{1}{18}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^3\ \Phi_{63}^2\ \Phi_{45}^3\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{10}\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
77457	1258	1824	$\frac{1}{38}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{1824}^2\ \Phi_{114}\ \Phi_{96}\ \Phi_{57}\ \Phi_6$
77458	1258	90	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{90}^{15}\ \Phi_{45}^{13}\ \Phi_{30}^{15}\ \Phi_{18}^{14}\ \Phi_{15}^{14}\ \Phi_{10}^{15}\ \Phi_9^{12}\ \Phi_6^{14}\ \Phi_5^{14}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
77459	1258	1176	$\frac{1}{42}$	$\frac{41}{588}$	$\frac{1}{3}$	$\frac{547}{1176}$	$\Phi_{1176}^2\ \Phi_{392}^2\ \Phi_{168}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77460	1258	1932	$\frac{15}{644}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{483}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
77461	1258	1170	$\frac{1}{45}$	$\frac{44}{585}$	$\frac{1}{3}$	$\frac{541}{1170}$	$\Phi_{1170}^2\ \Phi_{390}^2\ \Phi_{234}^2\ \Phi_{130}^2\ \Phi_{90}^2\ \Phi_{78}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77462	1258	1155	$\frac{2}{105}$	$\frac{103}{1155}$	$\frac{1}{3}$	$\frac{526}{1155}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}^2\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
77463	1258	1920	$\frac{11}{640}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
77464	1258	1134	$\frac{1}{63}$	$\frac{62}{567}$	$\frac{1}{3}$	$\frac{505}{1134}$	$\Phi_{1134}^2\ \Phi_{378}^2\ \Phi_{162}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77465	1258	3360	$\frac{1}{70}$	$\frac{69}{560}$	$\frac{1}{3}$	$\frac{491}{1120}$	$\Phi_{3360}\ \Phi_{672}\ \Phi_{480}\ \Phi_{210}\ \Phi_{105}\ \Phi_{96}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
77466	1258	150	$\frac{1}{75}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{150}^{15}\ \Phi_{75}^2\ \Phi_{50}^{15}\ \Phi_{30}^{14}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{10}^{14}\ \Phi_6^{14}\ \Phi_5^2\ \Phi_3\ \Phi_2^{14}\ \Phi_1^2$
77467	1258	570	$\frac{1}{38}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{570}^2\ \Phi_{285}^2\ \Phi_{190}^3\ \Phi_{114}^2\ \Phi_{95}^3\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
77468	1258	798	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}\ \Phi_{133}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{42}^2\ \Phi_{14}\ \Phi_6^2$
77469	1258	1080	$\frac{1}{90}$	$\frac{89}{540}$	$\frac{1}{3}$	$\frac{451}{1080}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77470	1258	636	$\frac{7}{636}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{636}^2\ \Phi_{318}^2\ \Phi_{212}^2\ \Phi_{159}^2\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77471	1258	600	$\frac{1}{75}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{600}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{75}^2\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77472	1258	1050	$\frac{1}{105}$	$\frac{104}{525}$	$\frac{1}{3}$	$\frac{421}{1050}$	$\Phi_{1050}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{150}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77473	1258	380	$\frac{1}{38}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{380}^4\ \Phi_{190}^3\ \Phi_{95}^3\ \Phi_{76}^4\ \Phi_{38}^2\ \Phi_{20}^2\ \Phi_{19}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
77474	1258	360	$\frac{1}{18}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^3\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{45}^3\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_{10}\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
77475	1258	532	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{532}^4\ \Phi_{266}\ \Phi_{133}\ \Phi_{76}^4\ \Phi_{28}^2\ \Phi_{14}\ \Phi_4^2$
77476	1258	180	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{180}^{12}\ \Phi_{90}^3\ \Phi_{60}^{10}\ \Phi_{45}^3\ \Phi_{36}^{12}\ \Phi_{30}^3\ \Phi_{20}^{10}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^{10}\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77477	1258	1008	$\frac{1}{126}$	$\frac{125}{504}$	$\frac{1}{3}$	$\frac{379}{1008}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{63}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77478	1258	945	$\frac{2}{315}$	$\frac{313}{945}$	$\frac{1}{3}$	$\frac{316}{945}$	$\Phi_{945}\ \Phi_{315}^2\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
77479	1258	684	$\frac{2}{57}$	$\frac{55}{684}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77480	1258	660	$\frac{31}{660}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77481	1258	234	$\frac{2}{39}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{234}^6\ \Phi_{117}^6\ \Phi_{78}^6\ \Phi_{39}^4\ \Phi_{26}^6\ \Phi_{18}^2\ \Phi_{13}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
77482	1258	810	$\frac{1}{90}$	$\frac{181}{810}$	$\frac{89}{270}$	$\frac{1}{3}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{162}^2\ \Phi_{90}^2\ \Phi_{81}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77483	1258	756	$\frac{1}{63}$	$\frac{127}{756}$	$\frac{62}{189}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77484	1258	936	$\frac{5}{312}$	$\frac{1}{6}$	$\frac{307}{936}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77485	1258	930	$\frac{9}{310}$	$\frac{1}{10}$	$\frac{301}{930}$	$\frac{1}{3}$	$\Phi_{930}\ \Phi_{465}\ \Phi_{310}^2\ \Phi_{186}\ \Phi_{155}^2\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77486	1258	924	$\frac{13}{308}$	$\frac{1}{14}$	$\frac{295}{924}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77487	1258	675	$\frac{2}{45}$	$\frac{46}{675}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{27}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
77488	1258	54	$\frac{1}{18}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{54}^{34}\ \Phi_{27}^{34}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77489	1258	900	$\frac{1}{30}$	$\frac{29}{300}$	$\frac{271}{900}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77490	1258	648	$\frac{19}{648}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77491	1258	456	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{456}^2\ \Phi_{228}^2\ \Phi_{152}^4\ \Phi_{114}^3\ \Phi_{76}^4\ \Phi_{57}^3\ \Phi_{38}^4\ \Phi_{24}\ \Phi_{19}^4\ \Phi_{12}\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77492	1258	882	$\frac{1}{42}$	$\frac{41}{294}$	$\frac{253}{882}$	$\frac{1}{3}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77493	1258	840	$\frac{1}{70}$	$\frac{69}{280}$	$\frac{211}{840}$	$\frac{1}{3}$	$\Phi_{840}\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77494	1258	1140	$\frac{1}{38}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{285}^2\ \Phi_{114}\ \Phi_{60}\ \Phi_{57}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
77495	1258	360	$\frac{1}{18}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^3\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^3\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77496	1258	720	$\frac{1}{30}$	$\frac{91}{720}$	$\frac{29}{120}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77497	1258	828	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{199}{828}$	$\frac{1}{3}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77498	1258	672	$\frac{43}{672}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77499	1258	144	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{144}^{12}\ \Phi_{72}^{12}\ \Phi_{48}^{10}\ \Phi_{24}^{10}\ \Phi_{18}^2\ \Phi_{16}^{10}\ \Phi_9^2\ \Phi_8^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77500	1258	858	$\frac{2}{39}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{858}^2\ \Phi_{429}\ \Phi_{286}^2\ \Phi_{143}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{13}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
77501	1258	810	$\frac{2}{45}$	$\frac{43}{405}$	$\frac{181}{810}$	$\frac{1}{3}$	$\Phi_{810}^2\ \Phi_{405}\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}\ \Phi_{90}^2\ \Phi_{81}\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77502	1258	162	$\frac{1}{18}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{162}^9\ \Phi_{81}^8\ \Phi_{54}^9\ \Phi_{27}^8\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77503	1258	648	$\frac{19}{648}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77504	1258	750	$\frac{4}{125}$	$\frac{121}{750}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{750}^2\ \Phi_{375}\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{125}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77505	1258	1950	$\frac{21}{650}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{390}\ \Phi_{195}\ \Phi_{150}\ \Phi_{78}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
77506	1258	780	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{151}{780}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77507	1258	750	$\frac{1}{30}$	$\frac{121}{750}$	$\frac{29}{150}$	$\frac{1}{3}$	$\Phi_{750}^2\ \Phi_{375}^2\ \Phi_{250}^2\ \Phi_{125}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77508	1258	42	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{4}{21}$	$\frac{1}{3}$	$\Phi_{42}^{34}\ \Phi_{21}^{26}\ \Phi_{14}^{34}\ \Phi_7^{26}\ \Phi_6^{34}\ \Phi_3^{25}\ \Phi_2^{34}\ \Phi_1^{26}$
77509	1258	2310	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{141}{770}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{105}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
77510	1258	90	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{90}^{18}\ \Phi_{45}^{16}\ \Phi_{30}^{18}\ \Phi_{18}^2\ \Phi_{15}^{16}\ \Phi_{10}^{18}\ \Phi_9^2\ \Phi_6^2\ \Phi_5^{16}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77511	1258	126	$\frac{1}{18}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{126}^{12}\ \Phi_{63}^{12}\ \Phi_{42}^{10}\ \Phi_{21}^{10}\ \Phi_{18}^2\ \Phi_{14}^{10}\ \Phi_9^2\ \Phi_7^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
77512	1258	672	$\frac{43}{672}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77513	1258	702	$\frac{5}{78}$	$\frac{73}{702}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77514	1258	594	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{54}$	$\Phi_{594}^3\ \Phi_{297}^3\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_{22}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
77515	1258	630	$\frac{1}{18}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^3\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^3\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
77516	1258	1710	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{342}\ \Phi_{190}\ \Phi_{171}\ \Phi_{95}\ \Phi_{90}\ \Phi_{18}\ \Phi_{10}$
77517	1258	440	$\frac{3}{40}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{88}^3\ \Phi_{55}^3\ \Phi_{40}^4\ \Phi_{22}^2\ \Phi_{20}^4\ \Phi_{11}\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^4\ \Phi_2^2\ \Phi_1^2$
77518	1258	528	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{11}{48}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{88}^3\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{22}^2\ \Phi_{16}^4\ \Phi_{11}\ \Phi_8^4\ \Phi_2^2\ \Phi_1^2$
77519	1258	990	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{5}{22}$	$\Phi_{990}^2\ \Phi_{495}\ \Phi_{330}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{90}^2\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
77520	1258	462	$\frac{1}{11}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{5}{22}$	$\Phi_{462}^3\ \Phi_{231}^3\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{42}^4\ \Phi_{22}^2\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{11}\ \Phi_7^4\ \Phi_2^2\ \Phi_1^2$
77521	1259	2368	$\frac{1}{74}$	$\frac{75}{1184}$	$\frac{1109}{2368}$	$\frac{73}{148}$	$\Phi_{2368}\ \Phi_{148}\ \Phi_{64}\ \Phi_4\ \Phi_1$
77522	1259	1776	$\frac{1}{74}$	$\frac{75}{592}$	$\frac{517}{1776}$	$\frac{73}{148}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
77523	1259	1480	$\frac{1}{74}$	$\frac{221}{1480}$	$\frac{75}{296}$	$\frac{73}{148}$	$\Phi_{1480}\ \Phi_{740}\ \Phi_{370}\ \Phi_{185}\ \Phi_{148}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
77524	1259	2448	$\frac{35}{1224}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{1189}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{144}\ \Phi_{68}\ \Phi_{48}\ \Phi_{16}\ \Phi_4\ \Phi_1$
77525	1259	2448	$\frac{35}{1224}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1189}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{144}\ \Phi_{51}\ \Phi_{48}\ \Phi_{16}\ \Phi_3\ \Phi_1$
77526	1259	1836	$\frac{1}{34}$	$\frac{35}{612}$	$\frac{577}{1836}$	$\frac{33}{68}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{459}\ \Phi_{108}\ \Phi_{68}\ \Phi_{54}\ \Phi_{27}\ \Phi_4\ \Phi_1$
77527	1259	1360	$\frac{1}{34}$	$\frac{101}{1360}$	$\frac{35}{136}$	$\frac{33}{68}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{272}\ \Phi_{170}\ \Phi_{85}\ \Phi_{80}\ \Phi_{68}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
77528	1259	1632	$\frac{1}{34}$	$\frac{35}{408}$	$\frac{373}{1632}$	$\frac{33}{68}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{272}\ \Phi_{96}\ \Phi_{68}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_4\ \Phi_1$
77529	1259	1428	$\frac{1}{34}$	$\frac{169}{1428}$	$\frac{35}{204}$	$\frac{33}{68}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{238}\ \Phi_{119}\ \Phi_{84}\ \Phi_{68}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
77530	1259	1700	$\frac{16}{425}$	$\frac{1}{17}$	$\frac{441}{1700}$	$\frac{409}{850}$	$\Phi_{1700}\ \Phi_{425}\ \Phi_{340}\ \Phi_{100}\ \Phi_{85}\ \Phi_{68}\ \Phi_{25}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
77531	1259	2380	$\frac{69}{1190}$	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{1121}{2380}$	$\Phi_{2380}\ \Phi_{476}\ \Phi_{340}\ \Phi_{140}\ \Phi_{85}\ \Phi_{68}\ \Phi_{28}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
77532	1259	1530	$\frac{1}{17}$	$\frac{16}{255}$	$\frac{271}{1530}$	$\frac{239}{510}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{306}\ \Phi_{255}\ \Phi_{153}\ \Phi_{90}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1$
77533	1259	2220	$\frac{1}{74}$	$\frac{149}{1110}$	$\frac{73}{222}$	$\frac{961}{2220}$	$\Phi_{2220}\ \Phi_{740}\ \Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
77534	1259	2220	$\frac{1}{37}$	$\frac{149}{1110}$	$\frac{36}{185}$	$\frac{961}{2220}$	$\Phi_{2220}\ \Phi_{740}\ \Phi_{444}\ \Phi_{185}\ \Phi_{148}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
77535	1259	1554	$\frac{1}{37}$	$\frac{36}{259}$	$\frac{295}{1554}$	$\frac{223}{518}$	$\Phi_{1554}\ \Phi_{777}\ \Phi_{259}\ \Phi_{222}\ \Phi_{111}\ \Phi_{42}\ \Phi_{21}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
77536	1259	1776	$\frac{1}{74}$	$\frac{73}{444}$	$\frac{517}{1776}$	$\frac{371}{888}$	$\Phi_{1776}\ \Phi_{592}\ \Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
77537	1259	1360	$\frac{1}{17}$	$\frac{101}{1360}$	$\frac{16}{85}$	$\frac{69}{170}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{272}\ \Phi_{136}\ \Phi_{85}\ \Phi_{80}\ \Phi_{68}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
77538	1259	1480	$\frac{1}{37}$	$\frac{221}{1480}$	$\frac{36}{185}$	$\frac{149}{370}$	$\Phi_{1480}\ \Phi_{740}\ \Phi_{296}\ \Phi_{185}\ \Phi_{148}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
77539	1259	2072	$\frac{1}{37}$	$\frac{36}{259}$	$\frac{223}{1036}$	$\frac{813}{2072}$	$\Phi_{2072}\ \Phi_{296}\ \Phi_{259}\ \Phi_{56}\ \Phi_8\ \Phi_7\ \Phi_1$
77540	1259	2040	$\frac{1}{17}$	$\frac{16}{255}$	$\frac{239}{1020}$	$\frac{781}{2040}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{255}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{51}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_3\ \Phi_1$
77541	1259	1326	$\frac{67}{1326}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{442}\ \Phi_{221}\ \Phi_{78}\ \Phi_{51}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_3\ \Phi_1$
77542	1259	1836	$\frac{35}{612}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{577}{1836}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{459}\ \Phi_{108}\ \Phi_{54}\ \Phi_{51}\ \Phi_{27}\ \Phi_3\ \Phi_1$
77543	1259	1377	$\frac{1}{17}$	$\frac{118}{1377}$	$\frac{35}{153}$	$\frac{16}{51}$	$\Phi_{1377}\ \Phi_{459}\ \Phi_{81}\ \Phi_{51}\ \Phi_{27}\ \Phi_3\ \Phi_1$
77544	1259	1632	$\frac{1}{17}$	$\frac{35}{408}$	$\frac{373}{1632}$	$\frac{16}{51}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{272}\ \Phi_{96}\ \Phi_{51}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_3\ \Phi_1$
77545	1259	1530	$\frac{1}{17}$	$\frac{35}{306}$	$\frac{271}{1530}$	$\frac{16}{51}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{90}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
77546	1259	1428	$\frac{1}{17}$	$\frac{169}{1428}$	$\frac{35}{204}$	$\frac{16}{51}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{238}\ \Phi_{119}\ \Phi_{84}\ \Phi_{51}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
77547	1259	1785	$\frac{1}{17}$	$\frac{69}{595}$	$\frac{16}{85}$	$\frac{526}{1785}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{105}\ \Phi_{85}\ \Phi_{51}\ \Phi_{21}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
77548	1259	1665	$\frac{1}{37}$	$\frac{36}{185}$	$\frac{406}{1665}$	$\frac{149}{555}$	$\Phi_{1665}\ \Phi_{333}\ \Phi_{185}\ \Phi_{45}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
77549	1260	1884	$\frac{1}{314}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{313}{628}$	$\Phi_{1884}\ \Phi_{628}^2\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
77550	1260	2008	$\frac{1}{251}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{125}{251}$	$\Phi_{2008}\ \Phi_{251}\ \Phi_{8}^2\ \Phi_{1}^2$
77551	1260	1045	$\frac{1}{209}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{104}{209}$	$\Phi_{1045}\ \Phi_{209}^2\ \Phi_{95}\ \Phi_{55}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_{5}^2\ \Phi_{1}^4$
77552	1260	2508	$\frac{1}{209}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{104}{209}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{228}\ \Phi_{132}\ \Phi_{114}\ \Phi_{66}\ \Phi_{12}^2\ \Phi_{6}^2$
77553	1260	1259	$\frac{7}{1259}$	$\frac{211}{1259}$	$\frac{524}{1259}$	$\frac{626}{1259}$	$\Phi_{1259}\ \Phi_{1}^2$
77554	1260	2148	$\frac{1}{179}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{89}{179}$	$\Phi_{2148}\ \Phi_{716}\ \Phi_{179}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
77555	1260	1611	$\frac{1}{179}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{89}{179}$	$\Phi_{1611}\ \Phi_{179}\ \Phi_{9}^2\ \Phi_{1}^2$
77556	1260	1684	$\frac{3}{421}$	$\frac{1}{4}$	$\frac{106}{421}$	$\frac{209}{421}$	$\Phi_{1684}\ \Phi_{842}$
77557	1260	1259	$\frac{9}{1259}$	$\frac{314}{1259}$	$\frac{317}{1259}$	$\frac{625}{1259}$	$\Phi_{1259}\ \Phi_{1}^2$
77558	1260	2224	$\frac{1}{139}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{69}{139}$	$\Phi_{2224}\ \Phi_{139}\ \Phi_{16}^2\ \Phi_{1}^2$
77559	1260	556	$\frac{1}{139}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{69}{139}$	$\Phi_{556}^2\ \Phi_{278}^2\ \Phi_{139}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
77560	1260	1893	$\frac{5}{631}$	$\frac{106}{631}$	$\frac{1}{3}$	$\frac{313}{631}$	Φ_{1893}
77561	1260	1125	$\frac{1}{125}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{62}{125}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{225}\ \Phi_{125}^2\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
77562	1260	750	$\frac{1}{125}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{62}{125}$	$\Phi_{750}^2\ \Phi_{375}\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{125}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{6}^4\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
77563	1260	1259	$\frac{11}{1259}$	$\frac{127}{1259}$	$\frac{566}{1259}$	$\frac{624}{1259}$	$\Phi_{1259}\ \Phi_{1}^2$
77564	1260	2288	$\frac{1}{104}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{103}{208}$	$\Phi_{2288}\ \Phi_{208}^2\ \Phi_{176}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_{1}^2$
77565	1260	4368	$\frac{1}{104}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{103}{208}$	$\Phi_{4368}\ \Phi_{336}\ \Phi_{21}$
77566	1260	2288	$\frac{1}{104}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{103}{208}$	$\Phi_{2288}\ \Phi_{208}^2\ \Phi_{176}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_{1}^2$
77567	1260	1040	$\frac{1}{104}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{103}{208}$	$\Phi_{1040}^3\ \Phi_{80}^3\ \Phi_{20}\ \Phi_{10}$
77568	1260	1259	$\frac{13}{1259}$	$\frac{212}{1259}$	$\frac{349}{1259}$	$\frac{623}{1259}$	$\Phi_{1259}\ \Phi_{1}^2$
77569	1260	1157	$\frac{1}{89}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{44}{89}$	$\Phi_{1157}\ \Phi_{89}^2\ \Phi_{13}^2\ \Phi_{1}^4$
77570	1260	2136	$\frac{1}{89}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{44}{89}$	$\Phi_{2136}\ \Phi_{1068}\ \Phi_{534}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
77571	1260	1518	$\frac{3}{253}$	$\frac{1}{6}$	$\frac{64}{253}$	$\frac{125}{253}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{138}\ \Phi_{69}\ \Phi_{66}\ \Phi_{46}\ \Phi_{33}\ \Phi_{22}$
77572	1260	1684	$\frac{5}{421}$	$\frac{71}{421}$	$\frac{1}{4}$	$\frac{208}{421}$	$\Phi_{1684}\ \Phi_{842}$
77573	1260	1259	$\frac{15}{1259}$	$\frac{91}{1259}$	$\frac{584}{1259}$	$\frac{622}{1259}$	$\Phi_{1259}\ \Phi_{1}^2$
77574	1260	2324	$\frac{1}{83}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{41}{83}$	$\Phi_{2324}\ \Phi_{332}\ \Phi_{83}\ \Phi_{28}^2\ \Phi_{4}^2\ \Phi_{1}^2$
77575	1260	581	$\frac{1}{83}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{41}{83}$	$\Phi_{581}^2\ \Phi_{83}^3\ \Phi_{7}^4\ \Phi_{1}^6$
77576	1260	996	$\frac{1}{83}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{41}{83}$	$\Phi_{996}^2\ \Phi_{498}\ \Phi_{332}\ \Phi_{249}\ \Phi_{83}\ \Phi_{12}^4\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
77577	1260	1259	$\frac{17}{1259}$	$\frac{188}{1259}$	$\frac{319}{1259}$	$\frac{621}{1259}$	$\Phi_{1259}\ \Phi_{1}^2$
77578	1260	1893	$\frac{9}{631}$	$\frac{64}{631}$	$\frac{1}{3}$	$\frac{311}{631}$	Φ_{1893}
77579	1260	1173	$\frac{1}{69}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{34}{69}$	$\Phi_{1173}\ \Phi_{391}\ \Phi_{69}^2\ \Phi_{51}\ \Phi_{23}^2\ \Phi_{17}^2\ \Phi_{3}^2\ \Phi_{1}^4$
77580	1260	690	$\frac{1}{69}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{34}{69}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{115}^2\ \Phi_{46}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{2}^2$
77581	1260	1173	$\frac{1}{69}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{34}{69}$	$\Phi_{1173}\ \Phi_{391}\ \Phi_{69}^2\ \Phi_{51}\ \Phi_{23}^2\ \Phi_{17}^2\ \Phi_{3}^2\ \Phi_{1}^4$
77582	1260	1932	$\frac{1}{69}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{34}{69}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{322}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
77583	1260	1259	$\frac{19}{1259}$	$\frac{71}{1259}$	$\frac{594}{1259}$	$\frac{620}{1259}$	$\Phi_{1259}\ \Phi_{1}^2$
77584	1260	2356	$\frac{1}{62}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{61}{124}$	$\Phi_{2356}\ \Phi_{124}^2\ \Phi_{76}\ \Phi_{19}\ \Phi_{4}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
77585	1260	4092	$\frac{1}{62}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{61}{124}$	$\Phi_{4092}\ \Phi_{132}\ \Phi_{33}$
77586	1260	2356	$\frac{1}{62}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{61}{124}$	$\Phi_{2356}\ \Phi_{124}^2\ \Phi_{76}\ \Phi_{19}\ \Phi_4^2\ \Phi_1^2$
77587	1260	1860	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{61}{124}$	$\Phi_{1860}^2\ \Phi_{620}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
77588	1260	1448	$\frac{3}{181}$	$\frac{1}{8}$	$\frac{46}{181}$	$\frac{89}{181}$	$\Phi_{1448}\ \Phi_{724}\ \Phi_{362}$
77589	1260	1259	$\frac{21}{1259}$	$\frac{128}{1259}$	$\frac{377}{1259}$	$\frac{619}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77590	1260	2360	$\frac{1}{59}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{29}{59}$	$\Phi_{2360}\ \Phi_{472}\ \Phi_{59}\ \Phi_{40}^2\ \Phi_8^2\ \Phi_1^2$
77591	1260	590	$\frac{1}{59}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{29}{59}$	$\Phi_{590}^2\ \Phi_{295}^2\ \Phi_{118}^2\ \Phi_{59}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
77592	1260	472	$\frac{1}{59}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{29}{59}$	$\Phi_{472}^3\ \Phi_{236}^2\ \Phi_{118}^2\ \Phi_{59}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
77593	1260	1475	$\frac{1}{59}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{29}{59}$	$\Phi_{1475}\ \Phi_{59}\ \Phi_{25}^2\ \Phi_1^2$
77594	1260	1518	$\frac{5}{253}$	$\frac{1}{6}$	$\frac{43}{253}$	$\frac{124}{253}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{138}\ \Phi_{69}\ \Phi_{66}\ \Phi_{46}\ \Phi_{33}\ \Phi_{22}$
77595	1260	1259	$\frac{25}{1259}$	$\frac{107}{1259}$	$\frac{384}{1259}$	$\frac{617}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77596	1260	1259	$\frac{25}{1259}$	$\frac{134}{1259}$	$\frac{321}{1259}$	$\frac{617}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77597	1260	1259	$\frac{25}{1259}$	$\frac{209}{1259}$	$\frac{214}{1259}$	$\frac{617}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77598	1260	1893	$\frac{13}{631}$	$\frac{46}{631}$	$\frac{1}{3}$	$\frac{309}{631}$	Φ_{1893}
77599	1260	470	$\frac{1}{47}$	$\frac{1}{10}$	$\frac{12}{47}$	$\frac{23}{47}$	$\Phi_{470}^3\ \Phi_{235}^3\ \Phi_{94}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2$
77600	1260	1684	$\frac{9}{421}$	$\frac{43}{421}$	$\frac{1}{4}$	$\frac{206}{421}$	$\Phi_{1684}\ \Phi_{842}$
77601	1260	2376	$\frac{1}{44}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{43}{88}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{88}^2\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
77602	1260	1320	$\frac{1}{44}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}\ \Phi_{120}^2\ \Phi_{88}^2\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
77603	1260	792	$\frac{1}{44}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{43}{88}$	$\Phi_{792}^3\ \Phi_{264}^3\ \Phi_{88}^4\ \Phi_{72}^3\ \Phi_{24}^3\ \Phi_9^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
77604	1260	440	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{43}{88}$	$\Phi_{440}^3\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{55}^4\ \Phi_{40}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^4$
77605	1260	1259	$\frac{29}{1259}$	$\frac{92}{1259}$	$\frac{389}{1259}$	$\frac{615}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77606	1260	1477	$\frac{5}{211}$	$\frac{1}{7}$	$\frac{36}{211}$	$\frac{103}{211}$	Φ_{1477}
77607	1260	1189	$\frac{1}{41}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{20}{41}$	$\Phi_{1189}\ \Phi_{41}^2\ \Phi_{29}^2\ \Phi_1^4$
77608	1260	1968	$\frac{1}{41}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{492}\ \Phi_{246}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
77609	1260	1189	$\frac{1}{41}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{20}{41}$	$\Phi_{1189}\ \Phi_{41}^2\ \Phi_{29}^2\ \Phi_1^4$
77610	1260	1804	$\frac{1}{41}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{20}{41}$	$\Phi_{1804}\ \Phi_{902}\ \Phi_{44}^2\ \Phi_{22}^2$
77611	1260	1189	$\frac{1}{41}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{20}{41}$	$\Phi_{1189}\ \Phi_{41}^2\ \Phi_{29}^2\ \Phi_1^4$
77612	1260	1722	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{20}{41}$	$\Phi_{1722}\ \Phi_{861}\ \Phi_{574}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
77613	1260	1259	$\frac{31}{1259}$	$\frac{43}{1259}$	$\frac{608}{1259}$	$\frac{614}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77614	1260	1259	$\frac{31}{1259}$	$\frac{174}{1259}$	$\frac{215}{1259}$	$\frac{614}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77615	1260	1684	$\frac{11}{421}$	$\frac{36}{421}$	$\frac{1}{4}$	$\frac{205}{421}$	$\Phi_{1684}\ \Phi_{842}$
77616	1260	1259	$\frac{33}{1259}$	$\frac{104}{1259}$	$\frac{323}{1259}$	$\frac{613}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77617	1260	1893	$\frac{17}{631}$	$\frac{36}{631}$	$\frac{1}{3}$	$\frac{307}{631}$	Φ_{1893}
77618	1260	1448	$\frac{5}{181}$	$\frac{1}{8}$	$\frac{31}{181}$	$\frac{88}{181}$	$\Phi_{1448}\ \Phi_{724}\ \Phi_{362}$
77619	1260	2380	$\frac{1}{35}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{17}{35}$	$\Phi_{2380}\ \Phi_{476}\ \Phi_{340}\ \Phi_{140}\ \Phi_{68}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
77620	1260	1785	$\frac{1}{35}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{17}{35}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{105}\ \Phi_{51}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
77621	1260	595	$\frac{1}{35}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{17}{35}$	$\Phi_{595}^2\ \Phi_{119}^2\ \Phi_{85}^2\ \Phi_{35}^3\ \Phi_{17}^4\ \Phi_7^3\ \Phi_5^3\ \Phi_1^6$
77622	1260	840	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{17}{35}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^4\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
77623	1260	1259	$\frac{37}{1259}$	$\frac{149}{1259}$	$\frac{216}{1259}$	$\frac{611}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77624	1260	3876	$\frac{1}{34}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{3876}\ \Phi_{228}\ \Phi_{57}$
77625	1260	2380	$\frac{1}{34}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{33}{68}$	$\Phi_{2380}\ \Phi_{476}\ \Phi_{340}\ \Phi_{140}\ \Phi_{68}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
77626	1260	884	$\frac{1}{34}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{884}\ \Phi_{442}^2\ \Phi_{221}^2\ \Phi_{52}^2\ \Phi_{26}^3\ \Phi_{13}^2$
77627	1260	2380	$\frac{1}{34}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{33}{68}$	$\Phi_{2380}\ \Phi_{476}\ \Phi_{340}\ \Phi_{140}\ \Phi_{68}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
77628	1260	340	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{33}{68}$	$\Phi_{340}^7\ \Phi_{68}^8\ \Phi_{20}^7\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^8\ \Phi_2^4\ \Phi_1^4$
77629	1260	476	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{33}{68}$	$\Phi_{476}^5\ \Phi_{68}^6\ \Phi_{28}^5\ \Phi_7^5\ \Phi_4^6\ \Phi_1^6$
77630	1260	1684	$\frac{13}{421}$	$\frac{31}{421}$	$\frac{1}{4}$	$\frac{204}{421}$	$\Phi_{1684}\ \Phi_{842}$
77631	1260	1259	$\frac{41}{1259}$	$\frac{65}{1259}$	$\frac{398}{1259}$	$\frac{609}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77632	1260	1914	$\frac{1}{29}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{1914}\ \Phi_{957}\ \Phi_{174}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_6^2$
77633	1260	1189	$\frac{1}{29}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{14}{29}$	$\Phi_{1189}\ \Phi_{41}^2\ \Phi_{29}^2\ \Phi_1^4$
77634	1260	1740	$\frac{1}{29}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{348}\ \Phi_{290}\ \Phi_{174}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2$
77635	1260	1189	$\frac{1}{29}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{14}{29}$	$\Phi_{1189}\ \Phi_{41}^2\ \Phi_{29}^2\ \Phi_1^4$
77636	1260	1624	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{14}{29}$	$\Phi_{1624}\ \Phi_{812}\ \Phi_{406}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2$
77637	1260	1360	$\frac{3}{85}$	$\frac{1}{16}$	$\frac{22}{85}$	$\frac{41}{85}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{272}\ \Phi_{170}\ \Phi_{136}\ \Phi_{80}\ \Phi_{68}\ \Phi_{40}\ \Phi_{34}\ \Phi_{20}\ \Phi_{10}$
77638	1260	594	$\frac{1}{27}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{13}{27}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{33}^2\ \Phi_{27}^3\ \Phi_{22}^4\ \Phi_{18}^2\ \Phi_{11}^4\ \Phi_9^3\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
77639	1260	432	$\frac{1}{27}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{108}^2\ \Phi_{72}^3\ \Phi_{54}^2\ \Phi_{48}^3\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{16}^6\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
77640	1260	297	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{13}{27}$	$\Phi_{297}^4\ \Phi_{99}^4\ \Phi_{33}^4\ \Phi_{27}^5\ \Phi_{11}^8\ \Phi_9^5\ \Phi_3^5\ \Phi_1^{10}$
77641	1260	270	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{13}{27}$	$\Phi_{270}^5\ \Phi_{135}^5\ \Phi_{90}^5\ \Phi_{54}^2\ \Phi_{45}^5\ \Phi_{30}^7\ \Phi_{27}^3\ \Phi_{18}^2\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_9^3\ \Phi_6^3\ \Phi_5^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
77642	1260	1259	$\frac{49}{1259}$	$\frac{109}{1259}$	$\frac{230}{1259}$	$\frac{605}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77643	1260	1397	$\frac{5}{127}$	$\frac{1}{11}$	$\frac{22}{127}$	$\frac{61}{127}$	Φ_{1397}
77644	1260	1259	$\frac{51}{1259}$	$\frac{131}{1259}$	$\frac{188}{1259}$	$\frac{604}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77645	1260	726	$\frac{5}{121}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{58}{121}$	$\Phi_{726}^2\ \Phi_{363}^2\ \Phi_{242}^2\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
77646	1260	1477	$\frac{9}{211}$	$\frac{22}{211}$	$\frac{1}{7}$	$\frac{101}{211}$	Φ_{1477}
77647	1260	138	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{1}{6}$	$\frac{11}{23}$	$\Phi_{138}^{11}\ \Phi_{69}^{11}\ \Phi_{46}^{11}\ \Phi_6^{10}\ \Phi_3^{10}\ \Phi_2^{10}$
77648	1260	1259	$\frac{55}{1259}$	$\frac{104}{1259}$	$\frac{219}{1259}$	$\frac{602}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77649	1260	1684	$\frac{19}{421}$	$\frac{22}{421}$	$\frac{1}{4}$	$\frac{201}{421}$	$\Phi_{1684}\ \Phi_{842}$
77650	1260	1259	$\frac{47}{1259}$	$\frac{57}{1259}$	$\frac{404}{1259}$	$\frac{601}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77651	1260	1259	$\frac{57}{1259}$	$\frac{62}{1259}$	$\frac{329}{1259}$	$\frac{601}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77652	1260	1259	$\frac{57}{1259}$	$\frac{94}{1259}$	$\frac{233}{1259}$	$\frac{601}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77653	1260	1893	$\frac{22}{631}$	$\frac{29}{631}$	$\frac{1}{3}$	$\frac{301}{631}$	Φ_{1893}
77654	1260	1259	$\frac{44}{1259}$	$\frac{61}{1259}$	$\frac{405}{1259}$	$\frac{599}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77655	1260	1259	$\frac{61}{1259}$	$\frac{132}{1259}$	$\frac{161}{1259}$	$\frac{599}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77656	1260	1342	$\frac{1}{22}$	$\frac{3}{61}$	$\frac{16}{61}$	$\frac{29}{61}$	$\Phi_{1342}\ \Phi_{671}\ \Phi_{122}$
77657	1260	1448	$\frac{9}{181}$	$\frac{19}{181}$	$\frac{1}{8}$	$\frac{86}{181}$	$\Phi_{1448}\ \Phi_{724}\ \Phi_{362}$
77658	1260	3720	$\frac{1}{31}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{3720}\ \Phi_{744}\ \Phi_{93}$
77659	1260	2360	$\frac{2}{59}$	$\frac{1}{20}$	$\frac{19}{59}$	$\frac{19}{40}$	$\Phi_{2360}\ \Phi_{472}\ \Phi_{59}\ \Phi_{40}^2\ \Phi_8^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
77660	1260	840	$\frac{1}{21}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{84}\ \Phi_{56}^3\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
77661	1260	2360	$\frac{1}{20}$	$\frac{3}{59}$	$\frac{14}{59}$	$\frac{19}{40}$	$\Phi_{2360}\ \Phi_{472}\ \Phi_{59}\ \Phi_{40}^2\ \Phi_8^2\ \Phi_1^2$
77662	1260	80	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{80}^{17}\ \Phi_{40}^{13}\ \Phi_{20}^{17}\ \Phi_{16}^{16}\ \Phi_{10}^{17}\ \Phi_8^{12}\ \Phi_5^{16}\ \Phi_4^{16}\ \Phi_2^{16}\ \Phi_1^{16}$
77663	1260	2360	$\frac{1}{20}$	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{19}{40}$	$\Phi_{2360}\ \Phi_{472}\ \Phi_{59}\ \Phi_{40}^2\ \Phi_8^2\ \Phi_1^2$
77664	1260	1560	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{1560}^2\ \Phi_{520}\ \Phi_{312}^2\ \Phi_{104}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
77665	1260	2360	$\frac{1}{20}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{19}{40}$	$\Phi_{2360}\ \Phi_{472}\ \Phi_{59}\ \Phi_{40}^2\ \Phi_8^2\ \Phi_1^2$
77666	1260	3080	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{19}{40}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{77}$
77667	1260	1518	$\frac{13}{253}$	$\frac{19}{253}$	$\frac{1}{6}$	$\frac{120}{253}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{138}\ \Phi_{69}\ \Phi_{66}\ \Phi_{46}\ \Phi_{33}\ \Phi_{22}$
77668	1260	589	$\frac{1}{31}$	$\frac{1}{19}$	$\frac{10}{31}$	$\frac{9}{19}$	$\Phi_{589}^2\ \Phi_{31}^4\ \Phi_{19}^3\ \Phi_1^6$
77669	1260	836	$\frac{1}{22}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{836}^2\ \Phi_{418}\ \Phi_{209}\ \Phi_{76}\ \Phi_{44}^4\ \Phi_{22}^2\ \Phi_{19}\ \Phi_{11}^2\ \Phi_4^2\ \Phi_1^2$
77670	1260	589	$\frac{1}{19}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{9}{19}$	$\Phi_{589}^2\ \Phi_{31}^4\ \Phi_{19}^3\ \Phi_1^6$
77671	1260	760	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{19}$	$\Phi_{760}^2\ \Phi_{380}^2\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{76}\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{19}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
77672	1260	1365	$\frac{5}{91}$	$\frac{1}{15}$	$\frac{16}{91}$	$\frac{43}{91}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{65}\ \Phi_{39}\ \Phi_{35}\ \Phi_{21}$
77673	1260	1259	$\frac{71}{1259}$	$\frac{95}{1259}$	$\frac{194}{1259}$	$\frac{594}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77674	1260	1259	$\frac{73}{1259}$	$\frac{74}{1259}$	$\frac{237}{1259}$	$\frac{593}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77675	1260	1259	$\frac{73}{1259}$	$\frac{111}{1259}$	$\frac{164}{1259}$	$\frac{593}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77676	1260	612	$\frac{1}{36}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{36}^4\ \Phi_{34}^2\ \Phi_{18}^4\ \Phi_{17}^2\ \Phi_{12}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
77677	1260	782	$\frac{1}{23}$	$\frac{1}{17}$	$\frac{11}{46}$	$\frac{8}{17}$	$\Phi_{782}^2\ \Phi_{391}\ \Phi_{46}^4\ \Phi_{34}^2\ \Phi_{23}^2\ \Phi_{17}^2\ \Phi_2^4\ \Phi_1^4$
77678	1260	1173	$\frac{4}{69}$	$\frac{1}{17}$	$\frac{13}{69}$	$\frac{8}{17}$	$\Phi_{1173}\ \Phi_{391}\ \Phi_{69}^2\ \Phi_{51}\ \Phi_{23}^2\ \Phi_{17}^2\ \Phi_3^2\ \Phi_1^4$
77679	1260	272	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{272}^5\ \Phi_{136}^5\ \Phi_{68}^5\ \Phi_{34}^5\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4$
77680	1260	510	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{510}^3\ \Phi_{255}^2\ \Phi_{170}^3\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{30}^6\ \Phi_{17}^2\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
77681	1260	391	$\frac{1}{17}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{8}{17}$	$\Phi_{391}^3\ \Phi_{23}^6\ \Phi_{17}^4\ \Phi_1^8$
77682	1260	1496	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{8}{17}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{374}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}^2$
77683	1260	2442	$\frac{1}{37}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{2442}\ \Phi_{814}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
77684	1260	1448	$\frac{11}{181}$	$\frac{16}{181}$	$\frac{1}{8}$	$\frac{85}{181}$	$\Phi_{1448}\ \Phi_{724}\ \Phi_{362}$
77685	1260	1477	$\frac{13}{211}$	$\frac{16}{211}$	$\frac{1}{7}$	$\frac{99}{211}$	Φ_{1477}
77686	1260	1259	$\frac{74}{1259}$	$\frac{79}{1259}$	$\frac{223}{1259}$	$\frac{590}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77687	1260	470	$\frac{3}{47}$	$\frac{1}{10}$	$\frac{5}{47}$	$\frac{22}{47}$	$\Phi_{470}^3\ \Phi_{235}^3\ \Phi_{94}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2$
77688	1260	1684	$\frac{16}{421}$	$\frac{27}{421}$	$\frac{1}{4}$	$\frac{197}{421}$	$\Phi_{1684}\ \Phi_{842}$
77689	1260	1259	$\frac{44}{1259}$	$\frac{81}{1259}$	$\frac{335}{1259}$	$\frac{589}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77690	1260	1259	$\frac{81}{1259}$	$\frac{125}{1259}$	$\frac{134}{1259}$	$\frac{589}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77691	1260	1893	$\frac{16}{631}$	$\frac{41}{631}$	$\frac{1}{3}$	$\frac{295}{631}$	Φ_{1893}
77692	1260	1518	$\frac{15}{253}$	$\frac{17}{253}$	$\frac{1}{6}$	$\frac{118}{253}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{138}\ \Phi_{69}\ \Phi_{66}\ \Phi_{46}\ \Phi_{33}\ \Phi_{22}$
77693	1260	1259	$\frac{32}{1259}$	$\frac{85}{1259}$	$\frac{409}{1259}$	$\frac{587}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77694	1260	1259	$\frac{69}{1259}$	$\frac{85}{1259}$	$\frac{224}{1259}$	$\frac{587}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77695	1260	1684	$\frac{15}{421}$	$\frac{29}{421}$	$\frac{1}{4}$	$\frac{196}{421}$	$\Phi_{1684}\ \Phi_{842}$
77696	1260	3612	$\frac{1}{43}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{3612}\ \Phi_{516}\ \Phi_{129}$
77697	1260	2324	$\frac{2}{83}$	$\frac{1}{14}$	$\frac{27}{83}$	$\frac{13}{28}$	$\Phi_{2324}\ \Phi_{332}\ \Phi_{83}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
77698	1260	812	$\frac{1}{29}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{812}\ \Phi_{406}^2\ \Phi_{203}^2\ \Phi_{116}^2\ \Phi_{58}^3\ \Phi_{29}^2$
77699	1260	2324	$\frac{3}{83}$	$\frac{1}{14}$	$\frac{20}{83}$	$\frac{13}{28}$	$\Phi_{2324}\ \Phi_{332}\ \Phi_{83}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
77700	1260	1540	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{1540}^2\ \Phi_{220}^2\ \Phi_{140}\ \Phi_{110}\ \Phi_{55}\ \Phi_{20}\ \Phi_{10}$
77701	1260	2324	$\frac{5}{83}$	$\frac{1}{14}$	$\frac{13}{83}$	$\frac{13}{28}$	$\Phi_{2324}\ \Phi_{332}\ \Phi_{83}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
77702	1260	420	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{420}^6\ \Phi_{140}^6\ \Phi_{105}\ \Phi_{84}^6\ \Phi_{60}^6\ \Phi_{35}\ \Phi_{21}\ \Phi_{20}^6\ \Phi_{12}^6$
77703	1260	2324	$\frac{1}{14}$	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{13}{28}$	$\Phi_{2324}\ \Phi_{332}\ \Phi_{83}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
77704	1260	728	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{13}{28}$	$\Phi_{728}^2\ \Phi_{364}\ \Phi_{182}^2\ \Phi_{104}^3\ \Phi_{91}^2\ \Phi_{52}^2\ \Phi_{26}^3\ \Phi_{13}^2$
77705	1260	1794	$\frac{1}{46}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1794}\ \Phi_{897}\ \Phi_{138}^2\ \Phi_{78}\ \Phi_{69}^2\ \Phi_6^2$
77706	1260	1157	$\frac{2}{89}$	$\frac{1}{13}$	$\frac{29}{89}$	$\frac{6}{13}$	$\Phi_{1157}\ \Phi_{89}^2\ \Phi_{13}^2\ \Phi_1^4$
77707	1260	1612	$\frac{1}{31}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{1612}\ \Phi_{806}\ \Phi_{124}^2\ \Phi_{62}^2$
77708	1260	1157	$\frac{4}{89}$	$\frac{1}{13}$	$\frac{17}{89}$	$\frac{6}{13}$	$\Phi_{1157}\ \Phi_{89}^2\ \Phi_{13}^2\ \Phi_1^4$
77709	1260	1482	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{494}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2$
77710	1260	1157	$\frac{5}{89}$	$\frac{1}{13}$	$\frac{14}{89}$	$\frac{6}{13}$	$\Phi_{1157}\ \Phi_{89}^2\ \Phi_{13}^2\ \Phi_1^4$
77711	1260	1456	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2$
77712	1260	780	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{6}{13}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2$
77713	1260	1157	$\frac{1}{13}$	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{6}{13}$	$\Phi_{1157}\ \Phi_{89}^2\ \Phi_{13}^2\ \Phi_1^4$
77714	1260	1430	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{6}{13}$	$\Phi_{1430}\ \Phi_{715}\ \Phi_{286}\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{22}^2$
77715	1260	1332	$\frac{1}{36}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{1332}\ \Phi_{666}\ \Phi_{444}\ \Phi_{333}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}$
77716	1260	1342	$\frac{1}{22}$	$\frac{5}{61}$	$\frac{11}{61}$	$\frac{28}{61}$	$\Phi_{1342}\ \Phi_{671}\ \Phi_{122}$
77717	1260	1776	$\frac{1}{37}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{1776}\ \Phi_{592}\ \Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}$
77718	1260	1259	$\frac{76}{1259}$	$\frac{109}{1259}$	$\frac{169}{1259}$	$\frac{575}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77719	1260	1259	$\frac{49}{1259}$	$\frac{113}{1259}$	$\frac{242}{1259}$	$\frac{573}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77720	1260	1259	$\frac{98}{1259}$	$\frac{113}{1259}$	$\frac{129}{1259}$	$\frac{573}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77721	1260	572	$\frac{1}{52}$	$\frac{1}{11}$	$\frac{17}{52}$	$\frac{5}{11}$	$\Phi_{572}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{52}^4\ \Phi_{44}^2\ \Phi_{26}^4\ \Phi_{22}^2\ \Phi_{13}^4\ \Phi_{11}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
77722	1260	396	$\frac{1}{36}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^3\ \Phi_{99}^3\ \Phi_{66}^3\ \Phi_{44}^2\ \Phi_{36}^6\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}^6\ \Phi_{12}^6\ \Phi_{11}^3\ \Phi_9^6\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
77723	1260	286	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{5}{26}$	$\frac{5}{11}$	$\Phi_{286}^4\ \Phi_{143}^4\ \Phi_{26}^8\ \Phi_{22}^4\ \Phi_{13}^8\ \Phi_{11}^5\ \Phi_2^8\ \Phi_1^{10}$
77724	1260	66	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{66}^{23}\ \Phi_{33}^{23}\ \Phi_{22}^{11}\ \Phi_{11}^{12}\ \Phi_6^{22}\ \Phi_3^{22}\ \Phi_2^{10}\ \Phi_1^{12}$
77725	1260	572	$\frac{3}{52}$	$\frac{1}{11}$	$\frac{7}{52}$	$\frac{5}{11}$	$\Phi_{572}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{52}^4\ \Phi_{44}^2\ \Phi_{26}^4\ \Phi_{22}^2\ \Phi_{13}^4\ \Phi_{11}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
77726	1260	176	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{176}^7\ \Phi_{88}^6\ \Phi_{44}^6\ \Phi_{22}^6\ \Phi_{16}^{14}\ \Phi_{11}^7\ \Phi_8^{12}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{14}$
77727	1260	429	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{4}{39}$	$\frac{5}{11}$	$\Phi_{429}^3\ \Phi_{143}^2\ \Phi_{39}^6\ \Phi_{33}^3\ \Phi_{13}^4\ \Phi_{11}^3\ \Phi_3^6\ \Phi_1^6$
77728	1260	1410	$\frac{11}{141}$	$\frac{13}{141}$	$\frac{1}{10}$	$\frac{64}{141}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{470}\ \Phi_{282}\ \Phi_{235}\ \Phi_{94}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
77729	1260	2368	$\frac{1}{37}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{2368}\ \Phi_{148}\ \Phi_{74}$
77730	1260	1448	$\frac{11}{181}$	$\frac{17}{181}$	$\frac{1}{8}$	$\frac{82}{181}$	$\Phi_{1448}\ \Phi_{724}\ \Phi_{362}$
77731	1260	690	$\frac{1}{23}$	$\frac{11}{115}$	$\frac{1}{6}$	$\frac{52}{115}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{230}^2\ \Phi_{138}^3\ \Phi_{69}^3\ \Phi_{46}^3\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
77732	1260	1259	$\frac{23}{1259}$	$\frac{121}{1259}$	$\frac{412}{1259}$	$\frac{569}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77733	1260	1259	$\frac{49}{1259}$	$\frac{121}{1259}$	$\frac{230}{1259}$	$\frac{569}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77734	1260	1259	$\frac{69}{1259}$	$\frac{121}{1259}$	$\frac{170}{1259}$	$\frac{569}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77735	1260	1684	$\frac{11}{421}$	$\frac{41}{421}$	$\frac{1}{4}$	$\frac{190}{421}$	$\Phi_{1684}\ \Phi_{842}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
77736	1260	1365	$\frac{1}{15}$	$\frac{9}{91}$	$\frac{10}{91}$	$\frac{41}{91}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{65}\ \Phi_{39}\ \Phi_{35}\ \Phi_{21}$
77737	1260	1259	$\frac{99}{1259}$	$\frac{116}{1259}$	$\frac{127}{1259}$	$\frac{566}{1259}$	$\Phi_{1259}\ \Phi_{1}^{2}$
77738	1260	1397	$\frac{10}{127}$	$\frac{1}{11}$	$\frac{13}{127}$	$\frac{57}{127}$	Φ_{1397}
77739	1260	1334	$\frac{1}{46}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{1334}\ \Phi_{667}\ \Phi_{58}$
77740	1260	1259	$\frac{80}{1259}$	$\frac{131}{1259}$	$\frac{139}{1259}$	$\frac{564}{1259}$	$\Phi_{1259}\ \Phi_{1}^{2}$
77741	1260	1448	$\frac{10}{181}$	$\frac{19}{181}$	$\frac{1}{8}$	$\frac{81}{181}$	$\Phi_{1448}\ \Phi_{724}\ \Phi_{362}$
77742	1260	1518	$\frac{10}{253}$	$\frac{27}{253}$	$\frac{1}{6}$	$\frac{113}{253}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{138}\ \Phi_{69}\ \Phi_{66}\ \Phi_{46}\ \Phi_{33}\ \Phi_{22}$
77743	1260	1259	$\frac{26}{1259}$	$\frac{137}{1259}$	$\frac{349}{1259}$	$\frac{561}{1259}$	$\Phi_{1259}\ \Phi_{1}^{2}$
77744	1260	1893	$\frac{10}{631}$	$\frac{69}{631}$	$\frac{1}{3}$	$\frac{281}{631}$	Φ_{1893}
77745	1260	576	$\frac{1}{64}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{576}^{2}\ \Phi_{288}^{2}\ \Phi_{192}^{3}\ \Phi_{144}^{2}\ \Phi_{96}^{3}\ \Phi_{72}^{2}\ \Phi_{64}^{2}\ \Phi_{48}^{3}\ \Phi_{36}^{2}\ \Phi_{32}^{2}\ \Phi_{24}^{3}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
77746	1260	1125	$\frac{2}{125}$	$\frac{1}{9}$	$\frac{41}{125}$	$\frac{4}{9}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{225}\ \Phi_{125}^{2}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
77747	1260	1548	$\frac{1}{43}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1548}\ \Phi_{774}\ \Phi_{516}\ \Phi_{258}\ \Phi_{172}^{2}\ \Phi_{86}^{2}$
77748	1260	585	$\frac{2}{65}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{585}^{2}\ \Phi_{195}^{2}\ \Phi_{117}^{2}\ \Phi_{65}^{4}\ \Phi_{45}\ \Phi_{39}^{2}\ \Phi_{15}\ \Phi_{13}^{4}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
77749	1260	225	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{4}{25}$	$\frac{4}{9}$	$\Phi_{225}^{5}\ \Phi_{75}^{5}\ \Phi_{45}^{5}\ \Phi_{25}^{10}\ \Phi_{15}^{5}\ \Phi_{9}^{6}\ \Phi_{5}^{10}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
77750	1260	1386	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{154}^{2}\ \Phi_{126}\ \Phi_{77}^{2}\ \Phi_{42}\ \Phi_{14}^{2}$
77751	1260	1125	$\frac{6}{125}$	$\frac{1}{9}$	$\frac{17}{125}$	$\frac{4}{9}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{225}\ \Phi_{125}^{2}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
77752	1260	1368	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{152}^{2}\ \Phi_{114}\ \Phi_{76}^{2}\ \Phi_{38}^{2}$
77753	1260	1125	$\frac{8}{125}$	$\frac{13}{125}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{225}\ \Phi_{125}^{2}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
77754	1260	90	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{90}^{14}\ \Phi_{45}^{11}\ \Phi_{30}^{19}\ \Phi_{18}^{14}\ \Phi_{15}^{15}\ \Phi_{10}^{18}\ \Phi_{9}^{12}\ \Phi_{6}^{19}\ \Phi_{5}^{14}\ \Phi_{3}^{16}\ \Phi_{2}^{18}\ \Phi_{1}^{16}$
77755	1260	1259	$\frac{20}{1259}$	$\frac{141}{1259}$	$\frac{413}{1259}$	$\frac{559}{1259}$	$\Phi_{1259}\ \Phi_{1}^{2}$
77756	1260	1259	$\frac{39}{1259}$	$\frac{145}{1259}$	$\frac{244}{1259}$	$\frac{557}{1259}$	$\Phi_{1259}\ \Phi_{1}^{2}$
77757	1260	1333	$\frac{1}{31}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	Φ_{1333}
77758	1260	1259	$\frac{47}{1259}$	$\frac{151}{1259}$	$\frac{202}{1259}$	$\frac{554}{1259}$	$\Phi_{1259}\ \Phi_{1}^{2}$
77759	1260	3408	$\frac{1}{71}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{3408}\ \Phi_{213}$
77760	1260	2224	$\frac{3}{139}$	$\frac{1}{8}$	$\frac{34}{139}$	$\frac{7}{16}$	$\Phi_{2224}\ \Phi_{139}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
77761	1260	720	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{720}^{4}\ \Phi_{240}^{4}\ \Phi_{180}\ \Phi_{90}\ \Phi_{80}^{3}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
77762	1260	2224	$\frac{4}{139}$	$\frac{1}{8}$	$\frac{27}{139}$	$\frac{7}{16}$	$\Phi_{2224}\ \Phi_{139}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
77763	1260	1392	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{1392}^{2}\ \Phi_{464}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
77764	1260	2224	$\frac{6}{139}$	$\frac{1}{8}$	$\frac{19}{139}$	$\frac{7}{16}$	$\Phi_{2224}\ \Phi_{139}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
77765	1260	336	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{336}^{7}\ \Phi_{168}\ \Phi_{112}^{7}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}^{7}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
77766	1260	2224	$\frac{9}{139}$	$\frac{13}{139}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2224}\ \Phi_{139}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
77767	1260	2640	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}$
77768	1260	1349	$\frac{1}{19}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{31}{71}$	Φ_{1349}
77769	1260	1259	$\frac{71}{1259}$	$\frac{132}{1259}$	$\frac{161}{1259}$	$\frac{549}{1259}$	$\Phi_{1259}\ \Phi_{1}^{2}$
77770	1260	1360	$\frac{1}{16}$	$\frac{8}{85}$	$\frac{11}{85}$	$\frac{37}{85}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{272}\ \Phi_{170}\ \Phi_{136}\ \Phi_{80}\ \Phi_{68}\ \Phi_{40}\ \Phi_{34}\ \Phi_{20}\ \Phi_{10}$
77771	1260	1259	$\frac{79}{1259}$	$\frac{118}{1259}$	$\frac{163}{1259}$	$\frac{548}{1259}$	$\Phi_{1259}\ \Phi_{1}^{2}$
77772	1260	1397	$\frac{8}{127}$	$\frac{1}{11}$	$\frac{17}{127}$	$\frac{55}{127}$	Φ_{1397}
77773	1260	1259	$\frac{17}{1259}$	$\frac{169}{1259}$	$\frac{414}{1259}$	$\frac{545}{1259}$	$\Phi_{1259}\ \Phi_{1}^{2}$
77774	1260	1259	$\frac{34}{1259}$	$\frac{169}{1259}$	$\frac{245}{1259}$	$\frac{545}{1259}$	$\Phi_{1259}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
77775	1260	1259	$\frac{76}{1259}$	$\frac{119}{1259}$	$\frac{169}{1259}$	$\frac{545}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77776	1260	1410	$\frac{8}{141}$	$\frac{1}{10}$	$\frac{19}{141}$	$\frac{61}{141}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{470}\ \Phi_{282}\ \Phi_{235}\ \Phi_{94}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
77777	1260	1332	$\frac{1}{36}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{1332}\ \Phi_{666}\ \Phi_{444}\ \Phi_{333}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}$
77778	1260	1259	$\frac{62}{1259}$	$\frac{143}{1259}$	$\frac{171}{1259}$	$\frac{544}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77779	1260	1477	$\frac{8}{211}$	$\frac{29}{211}$	$\frac{1}{7}$	$\frac{91}{211}$	Φ_{1477}
77780	1260	1518	$\frac{8}{253}$	$\frac{35}{253}$	$\frac{1}{6}$	$\frac{109}{253}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{138}\ \Phi_{69}\ \Phi_{66}\ \Phi_{46}\ \Phi_{33}\ \Phi_{22}$
77781	1260	1259	$\frac{34}{1259}$	$\frac{175}{1259}$	$\frac{239}{1259}$	$\frac{542}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77782	1260	1684	$\frac{8}{421}$	$\frac{59}{421}$	$\frac{1}{4}$	$\frac{181}{421}$	$\Phi_{1684}\ \Phi_{842}$
77783	1260	1259	$\frac{20}{1259}$	$\frac{177}{1259}$	$\frac{359}{1259}$	$\frac{541}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77784	1260	1893	$\frac{8}{631}$	$\frac{89}{631}$	$\frac{1}{3}$	$\frac{271}{631}$	Φ_{1893}
77785	1260	448	$\frac{1}{64}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{64}^2\ \Phi_{56}^3\ \Phi_{32}^2\ \Phi_{28}^3\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
77786	1260	735	$\frac{1}{15}$	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}^2\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
77787	1260	1259	$\frac{48}{1259}$	$\frac{173}{1259}$	$\frac{181}{1259}$	$\frac{539}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77788	1260	1342	$\frac{1}{22}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{26}{61}$	$\Phi_{1342}\ \Phi_{671}\ \Phi_{122}$
77789	1260	1360	$\frac{1}{16}$	$\frac{7}{85}$	$\frac{13}{85}$	$\frac{36}{85}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{272}\ \Phi_{170}\ \Phi_{136}\ \Phi_{80}\ \Phi_{68}\ \Phi_{40}\ \Phi_{34}\ \Phi_{20}\ \Phi_{10}$
77790	1260	390	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{26}$	$\Phi_{390}^6\ \Phi_{195}\ \Phi_{130}^6\ \Phi_{78}^6\ \Phi_{65}\ \Phi_{39}\ \Phi_{30}^6\ \Phi_{10}^6\ \Phi_6^6$
77791	1260	1259	$\frac{77}{1259}$	$\frac{104}{1259}$	$\frac{197}{1259}$	$\frac{531}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77792	1260	1259	$\frac{53}{1259}$	$\frac{146}{1259}$	$\frac{201}{1259}$	$\frac{529}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77793	1260	1448	$\frac{7}{181}$	$\frac{1}{8}$	$\frac{29}{181}$	$\frac{76}{181}$	$\Phi_{1448}\ \Phi_{724}\ \Phi_{362}$
77794	1260	1333	$\frac{1}{43}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	Φ_{1333}
77795	1260	1518	$\frac{7}{253}$	$\frac{41}{253}$	$\frac{1}{6}$	$\frac{106}{253}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{138}\ \Phi_{69}\ \Phi_{66}\ \Phi_{46}\ \Phi_{33}\ \Phi_{22}$
77796	1260	1259	$\frac{29}{1259}$	$\frac{205}{1259}$	$\frac{244}{1259}$	$\frac{527}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77797	1260	1684	$\frac{7}{421}$	$\frac{69}{421}$	$\frac{1}{4}$	$\frac{176}{421}$	$\Phi_{1684}\ \Phi_{842}$
77798	1260	1092	$\frac{1}{91}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{1092}^2\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{156}^2\ \Phi_{84}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{28}^2\ \Phi_{21}$
77799	1260	2148	$\frac{2}{179}$	$\frac{1}{6}$	$\frac{59}{179}$	$\frac{5}{12}$	$\Phi_{2148}\ \Phi_{716}\ \Phi_{179}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
77800	1260	732	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{732}\ \Phi_{366}^2\ \Phi_{244}^2\ \Phi_{183}^2\ \Phi_{122}^3\ \Phi_{61}^2$
77801	1260	2148	$\frac{3}{179}$	$\frac{1}{6}$	$\frac{44}{179}$	$\frac{5}{12}$	$\Phi_{2148}\ \Phi_{716}\ \Phi_{179}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
77802	1260	1380	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1380}^2\ \Phi_{460}^2\ \Phi_{230}\ \Phi_{115}\ \Phi_{60}\ \Phi_{20}\ \Phi_{10}$
77803	1260	2148	$\frac{4}{179}$	$\frac{1}{6}$	$\frac{35}{179}$	$\frac{5}{12}$	$\Phi_{2148}\ \Phi_{716}\ \Phi_{179}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
77804	1260	444	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{444}^5\ \Phi_{222}\ \Phi_{148}^5\ \Phi_{111}\ \Phi_{74}$
77805	1260	2148	$\frac{5}{179}$	$\frac{29}{179}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2148}\ \Phi_{716}\ \Phi_{179}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
77806	1260	2604	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2604}\ \Phi_{868}\ \Phi_{217}$
77807	1260	2148	$\frac{8}{179}$	$\frac{19}{179}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2148}\ \Phi_{716}\ \Phi_{179}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
77808	1260	420	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}^6\ \Phi_{210}\ \Phi_{140}^6\ \Phi_{105}\ \Phi_{84}^3\ \Phi_{70}\ \Phi_{60}^4\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^3\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
77809	1260	2148	$\frac{9}{179}$	$\frac{17}{179}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2148}\ \Phi_{716}\ \Phi_{179}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
77810	1260	2508	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{209}$
77811	1260	2148	$\frac{11}{179}$	$\frac{14}{179}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2148}\ \Phi_{716}\ \Phi_{179}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
77812	1260	624	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^3\ \Phi_{156}\ \Phi_{104}^3\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{13}^2$
77813	1260	1259	$\frac{35}{1259}$	$\frac{204}{1259}$	$\frac{211}{1259}$	$\frac{524}{1259}$	$\Phi_{1259}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
77814	1260	1259	$\frac{41}{1259}$	$\frac{174}{1259}$	$\frac{217}{1259}$	$\frac{521}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77815	1260	1259	$\frac{53}{1259}$	$\frac{134}{1259}$	$\frac{225}{1259}$	$\frac{517}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77816	1260	1342	$\frac{1}{22}$	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{25}{61}$	$\Phi_{1342}\ \Phi_{671}\ \Phi_{122}$
77817	1260	1349	$\frac{1}{19}$	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{29}{71}$	Φ_{1349}
77818	1260	1259	$\frac{83}{1259}$	$\frac{84}{1259}$	$\frac{235}{1259}$	$\frac{512}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77819	1260	1365	$\frac{6}{91}$	$\frac{1}{15}$	$\frac{17}{91}$	$\frac{37}{91}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{65}\ \Phi_{39}\ \Phi_{35}\ \Phi_{21}$
77820	1260	1259	$\frac{64}{1259}$	$\frac{107}{1259}$	$\frac{239}{1259}$	$\frac{510}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77821	1260	1259	$\frac{54}{1259}$	$\frac{125}{1259}$	$\frac{241}{1259}$	$\frac{509}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77822	1260	470	$\frac{2}{47}$	$\frac{1}{10}$	$\frac{9}{47}$	$\frac{19}{47}$	$\Phi_{470}^3\ \Phi_{235}^3\ \Phi_{94}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2$
77823	1260	1448	$\frac{6}{181}$	$\frac{1}{8}$	$\frac{35}{181}$	$\frac{73}{181}$	$\Phi_{1448}\ \Phi_{724}\ \Phi_{362}$
77824	1260	1477	$\frac{6}{211}$	$\frac{1}{7}$	$\frac{41}{211}$	$\frac{85}{211}$	Φ_{1477}
77825	1260	1259	$\frac{24}{1259}$	$\frac{247}{1259}$	$\frac{251}{1259}$	$\frac{506}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77826	1260	1684	$\frac{6}{421}$	$\frac{83}{421}$	$\frac{1}{4}$	$\frac{169}{421}$	$\Phi_{1684}\ \Phi_{842}$
77827	1260	1259	$\frac{14}{1259}$	$\frac{249}{1259}$	$\frac{377}{1259}$	$\frac{505}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77828	1260	1893	$\frac{6}{631}$	$\frac{125}{631}$	$\frac{1}{3}$	$\frac{253}{631}$	Φ_{1893}
77829	1260	1590	$\frac{1}{106}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{318}^2\ \Phi_{159}^2\ \Phi_{30}\ \Phi_6^2$
77830	1260	1045	$\frac{2}{209}$	$\frac{1}{5}$	$\frac{69}{209}$	$\frac{2}{5}$	$\Phi_{1045}\ \Phi_{209}^2\ \Phi_{95}\ \Phi_{55}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
77831	1260	910	$\frac{1}{91}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{910}^2\ \Phi_{455}\ \Phi_{182}^2\ \Phi_{130}^2\ \Phi_{70}^2\ \Phi_{65}\ \Phi_{35}\ \Phi_{26}^2\ \Phi_{14}^2$
77832	1260	1420	$\frac{1}{71}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1420}\ \Phi_{710}\ \Phi_{284}^2\ \Phi_{142}^2$
77833	1260	1045	$\frac{4}{209}$	$\frac{41}{209}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1045}\ \Phi_{209}^2\ \Phi_{95}\ \Phi_{55}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
77834	1260	1290	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{430}\ \Phi_{258}^2\ \Phi_{129}^2\ \Phi_{86}^2$
77835	1260	1045	$\frac{5}{209}$	$\frac{34}{209}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1045}\ \Phi_{209}^2\ \Phi_{95}\ \Phi_{55}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
77836	1260	1260	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2$
77837	1260	1045	$\frac{6}{209}$	$\frac{29}{209}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1045}\ \Phi_{209}^2\ \Phi_{95}\ \Phi_{55}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
77838	1260	1240	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{248}^2\ \Phi_{124}^2\ \Phi_{62}^2$
77839	1260	1045	$\frac{9}{209}$	$\frac{20}{209}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1045}\ \Phi_{209}^2\ \Phi_{95}\ \Phi_{55}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
77840	1260	110	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{110}^{10}\ \Phi_{55}^9\ \Phi_{22}^{20}\ \Phi_{11}^{18}\ \Phi_{10}^{10}\ \Phi_5^{10}\ \Phi_2^{20}\ \Phi_1^{20}$
77841	1260	190	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{190}^6\ \Phi_{95}^5\ \Phi_{38}^{12}\ \Phi_{19}^{10}\ \Phi_{10}^6\ \Phi_5^6\ \Phi_2^{12}\ \Phi_1^{12}$
77842	1260	1045	$\frac{13}{209}$	$\frac{14}{209}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1045}\ \Phi_{209}^2\ \Phi_{95}\ \Phi_{55}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
77843	1260	240	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^5\ \Phi_{60}^6\ \Phi_{48}^6\ \Phi_{40}^5\ \Phi_{30}^6\ \Phi_{24}^6\ \Phi_{20}^5\ \Phi_{16}^4\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^6\ \Phi_4^4\ \Phi_2^4$
77844	1260	1259	$\frac{11}{1259}$	$\frac{281}{1259}$	$\frac{416}{1259}$	$\frac{489}{1259}$	$\Phi_{1259}\ \Phi_1^2$
77845	1260	1378	$\frac{1}{106}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1378}\ \Phi_{689}\ \Phi_{26}$
77846	1260	272	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{272}^5\ \Phi_{136}^5\ \Phi_{68}^5\ \Phi_{34}\ \Phi_{17}^4\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_1^4$
77847	1260	3048	$\frac{1}{127}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{3048}\ \Phi_{381}$
77848	1260	2008	$\frac{2}{251}$	$\frac{1}{4}$	$\frac{83}{251}$	$\frac{3}{8}$	$\Phi_{2008}\ \Phi_{251}\ \Phi_8^2\ \Phi_1^2$
77849	1260	680	$\frac{1}{85}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{680}^3\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}^3\ \Phi_{68}\ \Phi_{40}^3\ \Phi_{34}\ \Phi_{20}\ \Phi_{10}$
77850	1260	2008	$\frac{3}{251}$	$\frac{62}{251}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2008}\ \Phi_{251}\ \Phi_8^2\ \Phi_1^2$
77851	1260	320	$\frac{1}{64}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{320}^5\ \Phi_{160}^5\ \Phi_{80}^5\ \Phi_{40}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
77852	1260	2008	$\frac{5}{251}$	$\frac{41}{251}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2008}\ \Phi_{251}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
77853	1260	2408	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2408}\ \Phi_{301}$
77854	1260	2008	$\frac{6}{251}$	$\frac{35}{251}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2008}\ \Phi_{251}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
77855	1260	296	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{296}^{4}\ \Phi_{148}^{5}\ \Phi_{74}^{5}\ \Phi_{37}^{4}$
77856	1260	2008	$\frac{8}{251}$	$\frac{27}{251}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2008}\ \Phi_{251}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
77857	1260	1160	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1160}^{2}\ \Phi_{290}\ \Phi_{232}\ \Phi_{145}\ \Phi_{58}$
77858	1260	2008	$\frac{11}{251}$	$\frac{20}{251}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2008}\ \Phi_{251}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
77859	1260	1144	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1144}^{2}\ \Phi_{286}\ \Phi_{143}\ \Phi_{104}\ \Phi_{26}$
77860	1260	2008	$\frac{13}{251}$	$\frac{17}{251}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2008}\ \Phi_{251}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
77861	1260	2280	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{285}\ \Phi_{95}\ \Phi_{57}$
77862	1260	1349	$\frac{1}{71}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	Φ_{1349}
77863	1260	1259	$\frac{19}{1259}$	$\frac{248}{1259}$	$\frac{337}{1259}$	$\frac{461}{1259}$	$\Phi_{1259}\ \Phi_{1}^{2}$
77864	1260	1259	$\frac{23}{1259}$	$\frac{206}{1259}$	$\frac{351}{1259}$	$\frac{454}{1259}$	$\Phi_{1259}\ \Phi_{1}^{2}$
77865	1260	1259	$\frac{27}{1259}$	$\frac{176}{1259}$	$\frac{361}{1259}$	$\frac{449}{1259}$	$\Phi_{1259}\ \Phi_{1}^{2}$
77866	1260	1333	$\frac{1}{43}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	Φ_{1333}
77867	1260	1998	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{1998}\ \Phi_{666}\ \Phi_{333}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
77868	1260	1332	$\frac{1}{36}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{1332}\ \Phi_{666}\ \Phi_{444}\ \Phi_{333}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}$
77869	1260	1259	$\frac{39}{1259}$	$\frac{122}{1259}$	$\frac{379}{1259}$	$\frac{440}{1259}$	$\Phi_{1259}\ \Phi_{1}^{2}$
77870	1260	1333	$\frac{1}{31}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	Φ_{1333}
77871	1260	1259	$\frac{55}{1259}$	$\frac{86}{1259}$	$\frac{391}{1259}$	$\frac{434}{1259}$	$\Phi_{1259}\ \Phi_{1}^{2}$
77872	1260	1342	$\frac{1}{22}$	$\frac{4}{61}$	$\frac{19}{61}$	$\frac{21}{61}$	$\Phi_{1342}\ \Phi_{671}\ \Phi_{122}$
77873	1260	1259	$\frac{59}{1259}$	$\frac{80}{1259}$	$\frac{393}{1259}$	$\frac{433}{1259}$	$\Phi_{1259}\ \Phi_{1}^{2}$
77874	1260	672	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{672}^{3}\ \Phi_{336}\ \Phi_{224}^{3}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}^{3}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
77875	1260	1360	$\frac{4}{85}$	$\frac{1}{16}$	$\frac{27}{85}$	$\frac{29}{85}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{272}\ \Phi_{170}\ \Phi_{136}\ \Phi_{80}\ \Phi_{68}\ \Phi_{40}\ \Phi_{34}\ \Phi_{20}\ \Phi_{10}$
77876	1260	1259	$\frac{56}{1259}$	$\frac{83}{1259}$	$\frac{401}{1259}$	$\frac{429}{1259}$	$\Phi_{1259}\ \Phi_{1}^{2}$
77877	1260	1365	$\frac{4}{91}$	$\frac{1}{15}$	$\frac{29}{91}$	$\frac{31}{91}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{65}\ \Phi_{39}\ \Phi_{35}\ \Phi_{21}$
77878	1260	1397	$\frac{4}{127}$	$\frac{1}{11}$	$\frac{41}{127}$	$\frac{43}{127}$	Φ_{1397}
77879	1260	1259	$\frac{38}{1259}$	$\frac{119}{1259}$	$\frac{407}{1259}$	$\frac{426}{1259}$	$\Phi_{1259}\ \Phi_{1}^{2}$
77880	1260	1259	$\frac{32}{1259}$	$\frac{139}{1259}$	$\frac{409}{1259}$	$\frac{425}{1259}$	$\Phi_{1259}\ \Phi_{1}^{2}$
77881	1260	1448	$\frac{4}{181}$	$\frac{1}{8}$	$\frac{59}{181}$	$\frac{61}{181}$	$\Phi_{1448}\ \Phi_{724}\ \Phi_{362}$
77882	1260	1259	$\frac{26}{1259}$	$\frac{167}{1259}$	$\frac{411}{1259}$	$\frac{424}{1259}$	$\Phi_{1259}\ \Phi_{1}^{2}$
77883	1260	1477	$\frac{4}{211}$	$\frac{1}{7}$	$\frac{69}{211}$	$\frac{71}{211}$	Φ_{1477}
77884	1260	1518	$\frac{4}{253}$	$\frac{1}{6}$	$\frac{83}{253}$	$\frac{85}{253}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{138}\ \Phi_{69}\ \Phi_{66}\ \Phi_{46}\ \Phi_{33}\ \Phi_{22}$
77885	1260	790	$\frac{1}{79}$	$\frac{1}{5}$	$\frac{26}{79}$	$\frac{53}{158}$	$\Phi_{790}^{3}\ \Phi_{395}\ \Phi_{10}^{3}$
77886	1260	1259	$\frac{14}{1259}$	$\frac{279}{1259}$	$\frac{415}{1259}$	$\frac{422}{1259}$	$\Phi_{1259}\ \Phi_{1}^{2}$
77887	1260	1684	$\frac{4}{421}$	$\frac{1}{4}$	$\frac{139}{421}$	$\frac{141}{421}$	$\Phi_{1684}\ \Phi_{842}$
77888	1260	1259	$\frac{8}{1259}$	$\frac{417}{1259}$	$\frac{419}{1259}$	$\frac{421}{1259}$	$\Phi_{1259}\ \Phi_{1}^{2}$
77889	1260	1893	$\frac{4}{631}$	$\frac{209}{631}$	$\frac{1}{3}$	$\frac{211}{631}$	Φ_{1893}
77890	1260	471	$\frac{1}{157}$	$\frac{52}{157}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{471}^{2}\ \Phi_{157}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
77891	1260	636	$\frac{1}{106}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{636}^2\ \Phi_{318}\ \Phi_{212}^4\ \Phi_{159}\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
77892	1260	819	$\frac{1}{91}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{819}^2\ \Phi_{273}\ \Phi_{117}^2\ \Phi_{63}^2\ \Phi_{39}\ \Phi_{21}$
77893	1260	471	$\frac{2}{157}$	$\frac{31}{157}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{471}^2\ \Phi_{157}^4\ \Phi_3^3\ \Phi_1^6$
77894	1260	192	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{192}^7\ \Phi_{96}^7\ \Phi_{64}^6\ \Phi_{48}^7\ \Phi_{32}^6\ \Phi_{24}^7\ \Phi_{16}^6\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
77895	1260	471	$\frac{3}{157}$	$\frac{22}{157}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{471}^2\ \Phi_{157}^4\ \Phi_3^3\ \Phi_1^6$
77896	1260	552	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{184}^4\ \Phi_{138}\ \Phi_{92}^4\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{24}\ \Phi_{23}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
77897	1260	471	$\frac{4}{157}$	$\frac{17}{157}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{471}^2\ \Phi_{157}^4\ \Phi_3^3\ \Phi_1^6$
77898	1260	180	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^8\ \Phi_{45}^8\ \Phi_{36}^4\ \Phi_{30}^7\ \Phi_{20}^8\ \Phi_{18}^4\ \Phi_{15}^7\ \Phi_{12}^4\ \Phi_{10}^6\ \Phi_9^4\ \Phi_6^3\ \Phi_5^6\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
77899	1260	471	$\frac{7}{157}$	$\frac{10}{157}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{471}^2\ \Phi_{157}^4\ \Phi_3^3\ \Phi_1^6$
77900	1260	528	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^4\ \Phi_{132}^2\ \Phi_{88}^4\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}^4\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
77901	1260	2508	$\frac{2}{209}$	$\frac{1}{4}$	$\frac{69}{209}$	$\frac{1}{3}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{228}\ \Phi_{132}\ \Phi_{114}\ \Phi_{66}\ \Phi_{12}^2\ \Phi_6^2$
77902	1260	1893	$\frac{7}{631}$	$\frac{141}{631}$	$\frac{208}{631}$	$\frac{1}{3}$	Φ_{1893}
77903	1260	1611	$\frac{2}{179}$	$\frac{2}{9}$	$\frac{59}{179}$	$\frac{1}{3}$	$\Phi_{1611}\ \Phi_{179}\ \Phi_9^2\ \Phi_1^2$
77904	1260	750	$\frac{2}{125}$	$\frac{1}{6}$	$\frac{41}{125}$	$\frac{1}{3}$	$\Phi_{750}^2\ \Phi_{375}\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{125}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
77905	1260	1092	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{17}{52}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{273}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{21}^3$
77906	1260	1893	$\frac{13}{631}$	$\frac{85}{631}$	$\frac{206}{631}$	$\frac{1}{3}$	Φ_{1893}
77907	1260	2136	$\frac{2}{89}$	$\frac{1}{8}$	$\frac{29}{89}$	$\frac{1}{3}$	$\Phi_{2136}\ \Phi_{1068}\ \Phi_{534}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
77908	1260	1893	$\frac{16}{631}$	$\frac{71}{631}$	$\frac{205}{631}$	$\frac{1}{3}$	Φ_{1893}
77909	1260	2070	$\frac{2}{69}$	$\frac{1}{10}$	$\frac{67}{207}$	$\frac{1}{3}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{414}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
77910	1260	1893	$\frac{19}{631}$	$\frac{61}{631}$	$\frac{204}{631}$	$\frac{1}{3}$	Φ_{1893}
77911	1260	1023	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{10}{31}$	$\frac{1}{3}$	$\Phi_{1023}^2\ \Phi_{33}^3$
77912	1260	1893	$\frac{28}{631}$	$\frac{43}{631}$	$\frac{201}{631}$	$\frac{1}{3}$	Φ_{1893}
77913	1260	330	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{110}^4\ \Phi_{66}^2\ \Phi_{55}^4\ \Phi_{33}^2\ \Phi_{30}^4\ \Phi_{22}^4\ \Phi_{15}^6\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^6\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
77914	1260	1968	$\frac{2}{41}$	$\frac{1}{16}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{492}\ \Phi_{246}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
77915	1260	969	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{969}\ \Phi_{323}^2\ \Phi_{57}^2\ \Phi_{19}^2$
77916	1260	1893	$\frac{31}{631}$	$\frac{40}{631}$	$\frac{197}{631}$	$\frac{1}{3}$	Φ_{1893}
77917	1260	1893	$\frac{29}{631}$	$\frac{43}{631}$	$\frac{196}{631}$	$\frac{1}{3}$	Φ_{1893}
77918	1260	1914	$\frac{1}{22}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{1914}\ \Phi_{957}\ \Phi_{174}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_6^2$
77919	1260	1893	$\frac{21}{631}$	$\frac{61}{631}$	$\frac{190}{631}$	$\frac{1}{3}$	Φ_{1893}
77920	1260	930	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{186}^2\ \Phi_{93}^3$
77921	1260	612	$\frac{1}{36}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{36}^4\ \Phi_{34}^2\ \Phi_{18}^4\ \Phi_{17}^2\ \Phi_{12}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
77922	1260	1893	$\frac{15}{631}$	$\frac{88}{631}$	$\frac{181}{631}$	$\frac{1}{3}$	Φ_{1893}
77923	1260	903	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{903}^2\ \Phi_{129}^3$
77924	1260	1893	$\frac{13}{631}$	$\frac{103}{631}$	$\frac{176}{631}$	$\frac{1}{3}$	Φ_{1893}
77925	1260	1893	$\frac{11}{631}$	$\frac{124}{631}$	$\frac{169}{631}$	$\frac{1}{3}$	Φ_{1893}
77926	1260	1728	$\frac{1}{64}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
77927	1260	852	$\frac{1}{71}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{852}^2\ \Phi_{426}^2\ \Phi_{213}^3$
77928	1260	2196	$\frac{1}{61}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2196}\ \Phi_{1098}\ \Phi_{244}\ \Phi_{122}$
77929	1260	2508	$\frac{4}{209}$	$\frac{41}{209}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{228}\ \Phi_{132}\ \Phi_{114}\ \Phi_{66}\ \Phi_{12}^2\ \Phi_{6}^2$
77930	1260	516	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{516}^3\ \Phi_{258}\ \Phi_{172}^4\ \Phi_{129}^2\ \Phi_{86}^2\ \Phi_{43}^2$
77931	1260	2508	$\frac{5}{209}$	$\frac{34}{209}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{228}\ \Phi_{132}\ \Phi_{114}\ \Phi_{66}\ \Phi_{12}^2\ \Phi_{6}^2$
77932	1260	252	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^5\ \Phi_{63}^6\ \Phi_{42}^5\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{7}^6$
77933	1260	2508	$\frac{6}{209}$	$\frac{29}{209}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{228}\ \Phi_{132}\ \Phi_{114}\ \Phi_{66}\ \Phi_{12}^2\ \Phi_{6}^2$
77934	1260	744	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{744}^3\ \Phi_{372}^2\ \Phi_{186}^2\ \Phi_{93}^3$
77935	1260	2508	$\frac{9}{209}$	$\frac{20}{209}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{228}\ \Phi_{132}\ \Phi_{114}\ \Phi_{66}\ \Phi_{12}^2\ \Phi_{6}^2$
77936	1260	132	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^{19}\ \Phi_{66}^9\ \Phi_{33}^{10}\ \Phi_{12}^{20}\ \Phi_{6}^{10}\ \Phi_{3}^{10}$
77937	1260	228	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^{11}\ \Phi_{114}^5\ \Phi_{57}^6\ \Phi_{12}^{12}\ \Phi_{6}^6\ \Phi_{3}^6$
77938	1260	2508	$\frac{13}{209}$	$\frac{14}{209}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{228}\ \Phi_{132}\ \Phi_{114}\ \Phi_{66}\ \Phi_{12}^2\ \Phi_{6}^2$
77939	1260	240	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^6\ \Phi_{60}^4\ \Phi_{48}^3\ \Phi_{40}^6\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{16}^6\ \Phi_{15}^6\ \Phi_{12}^2\ \Phi_{10}^4\ \Phi_{8}^6\ \Phi_{6}^2\ \Phi_{5}^6\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
77940	1260	1611	$\frac{3}{179}$	$\frac{2}{9}$	$\frac{44}{179}$	$\frac{1}{3}$	$\Phi_{1611}\ \Phi_{179}\ \Phi_{9}^2\ \Phi_{1}^2$
77941	1260	690	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{11}{46}$	$\frac{1}{3}$	$\Phi_{690}^3\ \Phi_{345}^3\ \Phi_{138}\ \Phi_{69}^2\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{6}^2\ \Phi_{3}^2$
77942	1260	2070	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{230}\ \Phi_{115}\ \Phi_{90}\ \Phi_{10}$
77943	1260	1611	$\frac{4}{179}$	$\frac{35}{179}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1611}\ \Phi_{179}\ \Phi_{9}^2\ \Phi_{1}^2$
77944	1260	666	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{666}^3\ \Phi_{333}^2\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
77945	1260	1611	$\frac{5}{179}$	$\frac{29}{179}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1611}\ \Phi_{179}\ \Phi_{9}^2\ \Phi_{1}^2$
77946	1260	1953	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1953}\ \Phi_{217}$
77947	1260	1611	$\frac{8}{179}$	$\frac{19}{179}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1611}\ \Phi_{179}\ \Phi_{9}^2\ \Phi_{1}^2$
77948	1260	630	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}\ \Phi_{126}^3\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}\ \Phi_{45}^2\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{6}$
77949	1260	1611	$\frac{9}{179}$	$\frac{17}{179}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1611}\ \Phi_{179}\ \Phi_{9}^2\ \Phi_{1}^2$
77950	1260	1881	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1881}\ \Phi_{209}$
77951	1260	1611	$\frac{11}{179}$	$\frac{14}{179}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1611}\ \Phi_{179}\ \Phi_{9}^2\ \Phi_{1}^2$
77952	1260	1872	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
77953	1260	390	$\frac{2}{65}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{390}^4\ \Phi_{195}^2\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{65}^4\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^4\ \Phi_{15}\ \Phi_{13}^4\ \Phi_{10}^2\ \Phi_{6}^4\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
77954	1260	2325	$\frac{1}{31}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2325}\ \Phi_{93}$
77955	1260	546	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{5}{26}$	$\frac{1}{3}$	$\Phi_{546}^4\ \Phi_{273}^4\ \Phi_{42}^4\ \Phi_{21}^5$
77956	1260	1893	$\frac{26}{631}$	$\frac{85}{631}$	$\frac{121}{631}$	$\frac{1}{3}$	Φ_{1893}
77957	1260	2136	$\frac{4}{89}$	$\frac{1}{8}$	$\frac{17}{89}$	$\frac{1}{3}$	$\Phi_{2136}\ \Phi_{1068}\ \Phi_{534}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
77958	1260	1893	$\frac{31}{631}$	$\frac{73}{631}$	$\frac{120}{631}$	$\frac{1}{3}$	Φ_{1893}
77959	1260	690	$\frac{4}{69}$	$\frac{1}{10}$	$\frac{13}{69}$	$\frac{1}{3}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{115}^2\ \Phi_{46}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{2}^2$
77960	1260	1893	$\frac{41}{631}$	$\frac{57}{631}$	$\frac{118}{631}$	$\frac{1}{3}$	Φ_{1893}
77961	1260	165	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{165}^8\ \Phi_{55}^8\ \Phi_{33}^4\ \Phi_{15}^{10}\ \Phi_{11}^8\ \Phi_{5}^{10}\ \Phi_{3}^5\ \Phi_{1}^{10}$
77962	1260	1893	$\frac{37}{631}$	$\frac{66}{631}$	$\frac{113}{631}$	$\frac{1}{3}$	Φ_{1893}
77963	1260	969	$\frac{1}{19}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{969}^2\ \Phi_{57}^3$
77964	1260	1893	$\frac{29}{631}$	$\frac{86}{631}$	$\frac{109}{631}$	$\frac{1}{3}$	Φ_{1893}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
77965	1260	1914	$\frac{1}{22}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{1914}\ \Phi_{957}\ \Phi_{174}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{6}^2$
77966	1260	1893	$\frac{25}{631}$	$\frac{101}{631}$	$\frac{106}{631}$	$\frac{1}{3}$	Φ_{1893}
77967	1260	150	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{150}^{10}\ \Phi_{75}^{5}\ \Phi_{50}^{10}\ \Phi_{30}^{10}\ \Phi_{25}^{10}\ \Phi_{15}^{5}\ \Phi_{10}^{10}\ \Phi_{6}^{12}\ \Phi_{5}^{10}\ \Phi_{3}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
77968	1260	462	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{462}^3\ \Phi_{231}^3\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{42}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{7}^2$
77969	1260	750	$\frac{6}{125}$	$\frac{17}{125}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{750}^2\ \Phi_{375}\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{125}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{6}^4\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
77970	1260	456	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{152}^4\ \Phi_{114}\ \Phi_{76}^4\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2$
77971	1260	750	$\frac{8}{125}$	$\frac{13}{125}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{750}^2\ \Phi_{375}\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{125}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{6}^4\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
77972	1260	30	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{30}^{41}\ \Phi_{15}^{43}\ \Phi_{10}^{40}\ \Phi_{6}^{43}\ \Phi_{5}^{42}\ \Phi_{3}^{44}\ \Phi_{2}^{42}\ \Phi_{1}^{44}$
77973	1260	2136	$\frac{5}{89}$	$\frac{1}{8}$	$\frac{14}{89}$	$\frac{1}{3}$	$\Phi_{2136}\ \Phi_{1068}\ \Phi_{534}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
77974	1260	1893	$\frac{37}{631}$	$\frac{76}{631}$	$\frac{99}{631}$	$\frac{1}{3}$	Φ_{1893}
77975	1260	1968	$\frac{1}{16}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{3}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{492}\ \Phi_{246}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
77976	1260	1893	$\frac{36}{631}$	$\frac{85}{631}$	$\frac{91}{631}$	$\frac{1}{3}$	Φ_{1893}
77977	1260	1092	$\frac{3}{52}$	$\frac{7}{52}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{273}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{21}^3$
77978	1260	336	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{336}^7\ \Phi_{168}^6\ \Phi_{84}^6\ \Phi_{42}^6\ \Phi_{21}^7$
77979	1260	273	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{273}^5\ \Phi_{91}^6\ \Phi_{21}^6\ \Phi_{7}^6$
77980	1260	690	$\frac{2}{23}$	$\frac{1}{10}$	$\frac{3}{23}$	$\frac{1}{3}$	$\Phi_{690}^3\ \Phi_{345}^3\ \Phi_{138}^3\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{6}^4$
77981	1260	1893	$\frac{57}{631}$	$\frac{61}{631}$	$\frac{82}{631}$	$\frac{1}{3}$	Φ_{1893}
77982	1260	1023	$\frac{1}{11}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{3}$	$\Phi_{1023}^2\ \Phi_{33}^3$
77983	1260	1893	$\frac{55}{631}$	$\frac{64}{631}$	$\frac{81}{631}$	$\frac{1}{3}$	Φ_{1893}
77984	1260	2136	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{2136}\ \Phi_{1068}\ \Phi_{534}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
77985	1260	1320	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{33}$
77986	1260	572	$\frac{1}{52}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{17}{52}$	$\Phi_{572}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{52}^4\ \Phi_{44}^2\ \Phi_{26}^4\ \Phi_{22}^2\ \Phi_{13}^4\ \Phi_{11}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
77987	1260	260	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{17}{52}$	$\Phi_{260}^6\ \Phi_{130}^6\ \Phi_{65}^6\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_{5}^6$
77988	1260	1259	$\frac{26}{1259}$	$\frac{212}{1259}$	$\frac{349}{1259}$	$\frac{411}{1259}$	$\Phi_{1259}\ \Phi_{1}^2$
77989	1260	1580	$\frac{7}{316}$	$\frac{1}{5}$	$\frac{71}{316}$	$\frac{103}{316}$	$\Phi_{1580}\ \Phi_{790}\ \Phi_{395}\ \Phi_{20}\ \Phi_{10}$
77990	1260	1259	$\frac{29}{1259}$	$\frac{244}{1259}$	$\frac{283}{1259}$	$\frac{410}{1259}$	$\Phi_{1259}\ \Phi_{1}^2$
77991	1260	1684	$\frac{10}{421}$	$\frac{71}{421}$	$\frac{1}{4}$	$\frac{137}{421}$	$\Phi_{1684}\ \Phi_{842}$
77992	1260	581	$\frac{2}{83}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{27}{83}$	$\Phi_{581}^2\ \Phi_{83}^3\ \Phi_{7}^4\ \Phi_{1}^6$
77993	1260	996	$\frac{2}{83}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{27}{83}$	$\Phi_{996}^2\ \Phi_{498}\ \Phi_{332}\ \Phi_{249}\ \Phi_{83}\ \Phi_{12}^4\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
77994	1260	1259	$\frac{32}{1259}$	$\frac{170}{1259}$	$\frac{363}{1259}$	$\frac{409}{1259}$	$\Phi_{1259}\ \Phi_{1}^2$
77995	1260	1518	$\frac{7}{253}$	$\frac{1}{6}$	$\frac{57}{253}$	$\frac{82}{253}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{138}\ \Phi_{69}\ \Phi_{66}\ \Phi_{46}\ \Phi_{33}\ \Phi_{22}$
77996	1260	1259	$\frac{38}{1259}$	$\frac{195}{1259}$	$\frac{284}{1259}$	$\frac{407}{1259}$	$\Phi_{1259}\ \Phi_{1}^2$
77997	1260	1684	$\frac{13}{421}$	$\frac{57}{421}$	$\frac{1}{4}$	$\frac{136}{421}$	$\Phi_{1684}\ \Phi_{842}$
77998	1260	589	$\frac{1}{31}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{10}{31}$	$\Phi_{589}^2\ \Phi_{31}^4\ \Phi_{19}^3\ \Phi_{1}^6$
77999	1260	930	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{10}{31}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{310}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^3$
78000	1260	590	$\frac{2}{59}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{19}{59}$	$\Phi_{590}^2\ \Phi_{295}^2\ \Phi_{118}^2\ \Phi_{59}^3\ \Phi_{10}^4\ \Phi_{5}^4\ \Phi_{2}^4\ \Phi_{1}^6$
78001	1260	472	$\frac{2}{59}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{19}{59}$	$\Phi_{472}^3\ \Phi_{236}^2\ \Phi_{118}^2\ \Phi_{59}^3\ \Phi_{8}^6\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
78002	1260	1475	$\frac{2}{59}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{19}{59}$	$\Phi_{1475}\ \Phi_{59}\ \Phi_{25}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
78003	1260	1259	$\frac{44}{1259}$	$\frac{122}{1259}$	$\frac{379}{1259}$	$\frac{405}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78004	1260	1259	$\frac{47}{1259}$	$\frac{171}{1259}$	$\frac{272}{1259}$	$\frac{404}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78005	1260	1448	$\frac{7}{181}$	$\frac{1}{8}$	$\frac{41}{181}$	$\frac{58}{181}$	$\Phi_{1448}\ \Phi_{724}\ \Phi_{362}$
78006	1260	1518	$\frac{10}{253}$	$\frac{1}{6}$	$\frac{43}{253}$	$\frac{81}{253}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{138}\ \Phi_{69}\ \Phi_{66}\ \Phi_{46}\ \Phi_{33}\ \Phi_{22}$
78007	1260	1259	$\frac{50}{1259}$	$\frac{209}{1259}$	$\frac{214}{1259}$	$\frac{403}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78008	1260	1580	$\frac{13}{316}$	$\frac{43}{316}$	$\frac{1}{5}$	$\frac{101}{316}$	$\Phi_{1580}\ \Phi_{790}\ \Phi_{395}\ \Phi_{20}\ \Phi_{10}$
78009	1260	1259	$\frac{56}{1259}$	$\frac{139}{1259}$	$\frac{286}{1259}$	$\frac{401}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78010	1260	1684	$\frac{19}{421}$	$\frac{41}{421}$	$\frac{1}{4}$	$\frac{134}{421}$	$\Phi_{1684}\ \Phi_{842}$
78011	1260	198	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{22}$	$\Phi_{198}^6\ \Phi_{99}^6\ \Phi_{66}^6\ \Phi_{33}^6\ \Phi_{22}^8\ \Phi_{18}^6\ \Phi_{11}^8\ \Phi_9^9\ \Phi_6^6\ \Phi_3^9\ \Phi_2^8\ \Phi_1^{12}$
78012	1260	440	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{22}$	$\Phi_{440}^4\ \Phi_{220}^4\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{40}^5\ \Phi_{20}^5\ \Phi_{10}^3\ \Phi_5^2$
78013	1260	1189	$\frac{2}{41}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{13}{41}$	$\Phi_{1189}\ \Phi_{41}^2\ \Phi_{29}^2\ \Phi_1^4$
78014	1260	1804	$\frac{2}{41}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{13}{41}$	$\Phi_{1804}\ \Phi_{902}\ \Phi_{44}^2\ \Phi_{22}^2$
78015	1260	1189	$\frac{2}{41}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{13}{41}$	$\Phi_{1189}\ \Phi_{41}^2\ \Phi_{29}^2\ \Phi_1^4$
78016	1260	1722	$\frac{2}{41}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{13}{41}$	$\Phi_{1722}\ \Phi_{861}\ \Phi_{574}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
78017	1260	1259	$\frac{62}{1259}$	$\frac{86}{1259}$	$\frac{391}{1259}$	$\frac{399}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78018	1260	1259	$\frac{65}{1259}$	$\frac{123}{1259}$	$\frac{284}{1259}$	$\frac{398}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78019	1260	1397	$\frac{7}{127}$	$\frac{1}{11}$	$\frac{29}{127}$	$\frac{40}{127}$	Φ_{1397}
78020	1260	1448	$\frac{10}{181}$	$\frac{1}{8}$	$\frac{31}{181}$	$\frac{57}{181}$	$\Phi_{1448}\ \Phi_{724}\ \Phi_{362}$
78021	1260	1785	$\frac{2}{35}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{11}{35}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{105}\ \Phi_{51}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
78022	1260	595	$\frac{2}{35}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{11}{35}$	$\Phi_{595}^2\ \Phi_{119}^2\ \Phi_{85}^2\ \Phi_{35}^3\ \Phi_{17}^4\ \Phi_7^3\ \Phi_5^3\ \Phi_1^6$
78023	1260	840	$\frac{2}{35}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{11}{35}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^4\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
78024	1260	1259	$\frac{74}{1259}$	$\frac{144}{1259}$	$\frac{223}{1259}$	$\frac{395}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78025	1260	1259	$\frac{74}{1259}$	$\frac{149}{1259}$	$\frac{216}{1259}$	$\frac{395}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78026	1260	2652	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}$
78027	1260	1785	$\frac{1}{17}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{16}{51}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{105}\ \Phi_{51}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
78028	1260	510	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{16}{51}$	$\Phi_{510}^4\ \Phi_{255}^3\ \Phi_{102}^4\ \Phi_{51}^4\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
78029	1260	357	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{16}{51}$	$\Phi_{357}^5\ \Phi_{51}^6\ \Phi_{21}^5\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
78030	1260	1580	$\frac{19}{316}$	$\frac{31}{316}$	$\frac{1}{5}$	$\frac{99}{316}$	$\Phi_{1580}\ \Phi_{790}\ \Phi_{395}\ \Phi_{20}\ \Phi_{10}$
78031	1260	1259	$\frac{77}{1259}$	$\frac{173}{1259}$	$\frac{181}{1259}$	$\frac{394}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78032	1260	1477	$\frac{13}{211}$	$\frac{29}{211}$	$\frac{1}{7}$	$\frac{66}{211}$	Φ_{1477}
78033	1260	1518	$\frac{16}{253}$	$\frac{29}{253}$	$\frac{1}{6}$	$\frac{79}{253}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{138}\ \Phi_{69}\ \Phi_{66}\ \Phi_{46}\ \Phi_{33}\ \Phi_{22}$
78034	1260	1259	$\frac{83}{1259}$	$\frac{97}{1259}$	$\frac{289}{1259}$	$\frac{392}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78035	1260	1684	$\frac{28}{421}$	$\frac{29}{421}$	$\frac{1}{4}$	$\frac{131}{421}$	$\Phi_{1684}\ \Phi_{842}$
78036	1260	1259	$\frac{86}{1259}$	$\frac{124}{1259}$	$\frac{227}{1259}$	$\frac{391}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78037	1260	1740	$\frac{1}{15}$	$\frac{2}{29}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{348}\ \Phi_{290}\ \Phi_{174}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2$
78038	1260	1189	$\frac{2}{29}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{9}{29}$	$\Phi_{1189}\ \Phi_{41}^2\ \Phi_{29}^2\ \Phi_1^4$
78039	1260	1624	$\frac{2}{29}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{9}{29}$	$\Phi_{1624}\ \Phi_{812}\ \Phi_{406}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2$
78040	1260	1448	$\frac{13}{181}$	$\frac{1}{8}$	$\frac{25}{181}$	$\frac{56}{181}$	$\Phi_{1448}\ \Phi_{724}\ \Phi_{362}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
78041	1260	1259	$\frac{92}{1259}$	$\frac{155}{1259}$	$\frac{174}{1259}$	$\frac{389}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78042	1260	1518	$\frac{19}{253}$	$\frac{25}{253}$	$\frac{1}{6}$	$\frac{78}{253}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{138}\ \Phi_{69}\ \Phi_{66}\ \Phi_{46}\ \Phi_{33}\ \Phi_{22}$
78043	1260	195	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{195}^7\ \Phi_{65}^7\ \Phi_{39}^7\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^6$
78044	1260	726	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{37}{121}$	$\Phi_{726}^2\ \Phi_{363}^2\ \Phi_{242}^2\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
78045	1260	1259	$\frac{107}{1259}$	$\frac{125}{1259}$	$\frac{189}{1259}$	$\frac{384}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78046	1260	1259	$\frac{110}{1259}$	$\frac{146}{1259}$	$\frac{159}{1259}$	$\frac{383}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78047	1260	1448	$\frac{16}{181}$	$\frac{21}{181}$	$\frac{1}{8}$	$\frac{55}{181}$	$\Phi_{1448}\ \Phi_{724}\ \Phi_{362}$
78048	1260	1477	$\frac{19}{211}$	$\frac{21}{211}$	$\frac{1}{7}$	$\frac{64}{211}$	Φ_{1477}
78049	1260	1259	$\frac{69}{1259}$	$\frac{119}{1259}$	$\frac{293}{1259}$	$\frac{380}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78050	1260	1684	$\frac{21}{421}$	$\frac{40}{421}$	$\frac{1}{4}$	$\frac{127}{421}$	$\Phi_{1684}\ \Phi_{842}$
78051	1260	420	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{420}^4\ \Phi_{210}^2\ \Phi_{140}^4\ \Phi_{105}^2\ \Phi_{84}^5\ \Phi_{70}^2\ \Phi_{60}^4\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^5\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^3\ \Phi_{12}^5\ \Phi_7^2\ \Phi_6^3\ \Phi_3^2$
78052	1260	590	$\frac{3}{59}$	$\frac{1}{10}$	$\frac{14}{59}$	$\frac{3}{10}$	$\Phi_{590}^2\ \Phi_{295}^2\ \Phi_{118}^2\ \Phi_{59}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
78053	1260	80	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{80}^{17}\ \Phi_{40}^{17}\ \Phi_{20}^{17}\ \Phi_{16}^{16}\ \Phi_{10}^9\ \Phi_8^{16}\ \Phi_5^8\ \Phi_4^{16}\ \Phi_2^8\ \Phi_1^8$
78054	1260	590	$\frac{4}{59}$	$\frac{1}{10}$	$\frac{11}{59}$	$\frac{3}{10}$	$\Phi_{590}^2\ \Phi_{295}^2\ \Phi_{118}^2\ \Phi_{59}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
78055	1260	390	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^2\ \Phi_{78}^5\ \Phi_{65}^2\ \Phi_{39}^5\ \Phi_{26}^3\ \Phi_{13}^2$
78056	1260	590	$\frac{5}{59}$	$\frac{1}{10}$	$\frac{9}{59}$	$\frac{3}{10}$	$\Phi_{590}^2\ \Phi_{295}^2\ \Phi_{118}^2\ \Phi_{59}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
78057	1260	770	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{10}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{77}^3$
78058	1260	1259	$\frac{59}{1259}$	$\frac{137}{1259}$	$\frac{300}{1259}$	$\frac{374}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78059	1260	1344	$\frac{1}{21}$	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
78060	1260	1259	$\frac{74}{1259}$	$\frac{146}{1259}$	$\frac{237}{1259}$	$\frac{371}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78061	1260	782	$\frac{1}{23}$	$\frac{2}{17}$	$\frac{11}{46}$	$\frac{5}{17}$	$\Phi_{782}^2\ \Phi_{391}\ \Phi_{46}^4\ \Phi_{34}^2\ \Phi_{23}^2\ \Phi_{17}^2\ \Phi_2^4\ \Phi_1^4$
78062	1260	1173	$\frac{4}{69}$	$\frac{2}{17}$	$\frac{13}{69}$	$\frac{5}{17}$	$\Phi_{1173}\ \Phi_{391}\ \Phi_{69}^2\ \Phi_{51}\ \Phi_{23}^2\ \Phi_{17}^2\ \Phi_3^2\ \Phi_1^4$
78063	1260	272	$\frac{1}{16}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{272}^5\ \Phi_{136}^5\ \Phi_{68}^5\ \Phi_{34}^5\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4$
78064	1260	510	$\frac{1}{15}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{510}^3\ \Phi_{255}^2\ \Phi_{170}^3\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{30}^6\ \Phi_{17}^2\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
78065	1260	391	$\frac{2}{23}$	$\frac{2}{17}$	$\frac{3}{23}$	$\frac{5}{17}$	$\Phi_{391}^3\ \Phi_{23}^6\ \Phi_{17}^4\ \Phi_1^8$
78066	1260	1496	$\frac{1}{11}$	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{5}{17}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{374}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}^2$
78067	1260	1259	$\frac{89}{1259}$	$\frac{152}{1259}$	$\frac{195}{1259}$	$\frac{369}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78068	1260	1378	$\frac{1}{13}$	$\frac{13}{106}$	$\frac{15}{106}$	$\frac{31}{106}$	$\Phi_{1378}\ \Phi_{689}\ \Phi_{26}$
78069	1260	1397	$\frac{1}{11}$	$\frac{15}{127}$	$\frac{16}{127}$	$\frac{37}{127}$	Φ_{1397}
78070	1260	1259	$\frac{111}{1259}$	$\frac{149}{1259}$	$\frac{164}{1259}$	$\frac{365}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78071	1260	1259	$\frac{90}{1259}$	$\frac{167}{1259}$	$\frac{179}{1259}$	$\frac{364}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78072	1260	1477	$\frac{15}{211}$	$\frac{28}{211}$	$\frac{1}{7}$	$\frac{61}{211}$	Φ_{1477}
78073	1260	1518	$\frac{15}{253}$	$\frac{34}{253}$	$\frac{1}{6}$	$\frac{73}{253}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{138}\ \Phi_{69}\ \Phi_{66}\ \Phi_{46}\ \Phi_{33}\ \Phi_{22}$
78074	1260	1259	$\frac{64}{1259}$	$\frac{170}{1259}$	$\frac{239}{1259}$	$\frac{363}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78075	1260	1259	$\frac{69}{1259}$	$\frac{170}{1259}$	$\frac{224}{1259}$	$\frac{363}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78076	1260	1580	$\frac{15}{316}$	$\frac{43}{316}$	$\frac{1}{5}$	$\frac{91}{316}$	$\Phi_{1580}\ \Phi_{790}\ \Phi_{395}\ \Phi_{20}\ \Phi_{10}$
78077	1260	1259	$\frac{48}{1259}$	$\frac{173}{1259}$	$\frac{299}{1259}$	$\frac{362}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78078	1260	1684	$\frac{15}{421}$	$\frac{58}{421}$	$\frac{1}{4}$	$\frac{121}{421}$	$\Phi_{1684}\ \Phi_{842}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
78079	1260	812	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{812}^2\ \Phi_{406}^2\ \Phi_{116}^3\ \Phi_{58}^3$
78080	1260	581	$\frac{3}{83}$	$\frac{1}{7}$	$\frac{20}{83}$	$\frac{2}{7}$	$\Phi_{581}^2\ \Phi_{83}^3\ \Phi_{7}^4\ \Phi_{1}^6$
78081	1260	770	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{110}^3\ \Phi_{70}^2\ \Phi_{55}^3\ \Phi_{10}^3$
78082	1260	581	$\frac{5}{83}$	$\frac{1}{7}$	$\frac{13}{83}$	$\frac{2}{7}$	$\Phi_{581}^2\ \Phi_{83}^3\ \Phi_{7}^4\ \Phi_{1}^6$
78083	1260	105	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{105}^{13}\ \Phi_{35}^{13}\ \Phi_{21}^{13}\ \Phi_{15}^{12}\ \Phi_{5}^{12}\ \Phi_{3}^{12}$
78084	1260	581	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{581}^2\ \Phi_{83}^3\ \Phi_{7}^4\ \Phi_{1}^6$
78085	1260	728	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{728}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{26}^3$
78086	1260	1259	$\frac{90}{1259}$	$\frac{167}{1259}$	$\frac{182}{1259}$	$\frac{359}{1259}$	$\Phi_{1259}\ \Phi_{1}^2$
78087	1260	1397	$\frac{1}{11}$	$\frac{13}{127}$	$\frac{19}{127}$	$\frac{36}{127}$	Φ_{1397}
78088	1260	1259	$\frac{43}{1259}$	$\frac{191}{1259}$	$\frac{304}{1259}$	$\frac{356}{1259}$	$\Phi_{1259}\ \Phi_{1}^2$
78089	1260	1259	$\frac{113}{1259}$	$\frac{129}{1259}$	$\frac{191}{1259}$	$\frac{356}{1259}$	$\Phi_{1259}\ \Phi_{1}^2$
78090	1260	1334	$\frac{1}{29}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{1334}\ \Phi_{667}\ \Phi_{58}$
78091	1260	1448	$\frac{13}{181}$	$\frac{1}{8}$	$\frac{28}{181}$	$\frac{51}{181}$	$\Phi_{1448}\ \Phi_{724}\ \Phi_{362}$
78092	1260	1259	$\frac{77}{1259}$	$\frac{181}{1259}$	$\frac{197}{1259}$	$\frac{354}{1259}$	$\Phi_{1259}\ \Phi_{1}^2$
78093	1260	1518	$\frac{13}{253}$	$\frac{40}{253}$	$\frac{1}{6}$	$\frac{71}{253}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{138}\ \Phi_{69}\ \Phi_{66}\ \Phi_{46}\ \Phi_{33}\ \Phi_{22}$
78094	1260	1342	$\frac{1}{22}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	$\Phi_{1342}\ \Phi_{671}\ \Phi_{122}$
78095	1260	1259	$\frac{65}{1259}$	$\frac{199}{1259}$	$\frac{212}{1259}$	$\frac{349}{1259}$	$\Phi_{1259}\ \Phi_{1}^2$
78096	1260	1259	$\frac{76}{1259}$	$\frac{169}{1259}$	$\frac{218}{1259}$	$\frac{347}{1259}$	$\Phi_{1259}\ \Phi_{1}^2$
78097	1260	1365	$\frac{1}{15}$	$\frac{11}{91}$	$\frac{16}{91}$	$\frac{25}{91}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{65}\ \Phi_{39}\ \Phi_{35}\ \Phi_{21}$
78098	1260	1378	$\frac{1}{13}$	$\frac{11}{106}$	$\frac{19}{106}$	$\frac{29}{106}$	$\Phi_{1378}\ \Phi_{689}\ \Phi_{26}$
78099	1260	396	$\frac{1}{36}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^3\ \Phi_{99}^3\ \Phi_{66}^3\ \Phi_{44}^2\ \Phi_{36}^6\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}^6\ \Phi_{12}^6\ \Phi_{11}^3\ \Phi_{9}^6\ \Phi_{6}^6\ \Phi_{4}^4\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
78100	1260	286	$\frac{1}{26}$	$\frac{2}{11}$	$\frac{5}{26}$	$\frac{3}{11}$	$\Phi_{286}^4\ \Phi_{143}^4\ \Phi_{26}^8\ \Phi_{22}^4\ \Phi_{13}^8\ \Phi_{11}^5\ \Phi_{2}^8\ \Phi_{1}^{10}$
78101	1260	66	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{66}^{23}\ \Phi_{33}^{23}\ \Phi_{22}^{11}\ \Phi_{11}^{12}\ \Phi_{6}^{22}\ \Phi_{3}^{22}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
78102	1260	572	$\frac{3}{52}$	$\frac{7}{52}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{572}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{52}^4\ \Phi_{44}^2\ \Phi_{26}^4\ \Phi_{22}^2\ \Phi_{13}^4\ \Phi_{11}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
78103	1260	176	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{176}^7\ \Phi_{88}^6\ \Phi_{44}^6\ \Phi_{22}^6\ \Phi_{16}^{14}\ \Phi_{11}^7\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
78104	1260	429	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{429}^3\ \Phi_{143}^2\ \Phi_{39}^6\ \Phi_{33}^3\ \Phi_{13}^4\ \Phi_{11}^3\ \Phi_{3}^6\ \Phi_{1}^6$
78105	1260	1259	$\frac{94}{1259}$	$\frac{131}{1259}$	$\frac{233}{1259}$	$\frac{342}{1259}$	$\Phi_{1259}\ \Phi_{1}^2$
78106	1260	1259	$\frac{79}{1259}$	$\frac{153}{1259}$	$\frac{236}{1259}$	$\frac{341}{1259}$	$\Phi_{1259}\ \Phi_{1}^2$
78107	1260	1776	$\frac{1}{37}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}$
78108	1260	1448	$\frac{11}{181}$	$\frac{1}{8}$	$\frac{34}{181}$	$\frac{49}{181}$	$\Phi_{1448}\ \Phi_{724}\ \Phi_{362}$
78109	1260	1332	$\frac{1}{36}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{1332}\ \Phi_{666}\ \Phi_{444}\ \Phi_{333}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}$
78110	1260	1477	$\frac{11}{211}$	$\frac{1}{7}$	$\frac{40}{211}$	$\frac{57}{211}$	Φ_{1477}
78111	1260	690	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{22}{115}$	$\frac{31}{115}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{230}^2\ \Phi_{138}^3\ \Phi_{69}^3\ \Phi_{46}^3\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{2}^2$
78112	1260	1259	$\frac{49}{1259}$	$\frac{230}{1259}$	$\frac{242}{1259}$	$\frac{339}{1259}$	$\Phi_{1259}\ \Phi_{1}^2$
78113	1260	1580	$\frac{11}{316}$	$\frac{61}{316}$	$\frac{1}{5}$	$\frac{85}{316}$	$\Phi_{1580}\ \Phi_{790}\ \Phi_{395}\ \Phi_{20}\ \Phi_{10}$
78114	1260	1259	$\frac{34}{1259}$	$\frac{245}{1259}$	$\frac{307}{1259}$	$\frac{338}{1259}$	$\Phi_{1259}\ \Phi_{1}^2$
78115	1260	1684	$\frac{11}{421}$	$\frac{82}{421}$	$\frac{1}{4}$	$\frac{113}{421}$	$\Phi_{1684}\ \Phi_{842}$
78116	1260	1259	$\frac{44}{1259}$	$\frac{243}{1259}$	$\frac{254}{1259}$	$\frac{335}{1259}$	$\Phi_{1259}\ \Phi_{1}^2$
78117	1260	1342	$\frac{1}{22}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{1342}\ \Phi_{671}\ \Phi_{122}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
78118	1260	1259	$\frac{62}{1259}$	$\frac{171}{1259}$	$\frac{272}{1259}$	$\frac{329}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78119	1260	1360	$\frac{1}{16}$	$\frac{9}{85}$	$\frac{19}{85}$	$\frac{22}{85}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{272}\ \Phi_{170}\ \Phi_{136}\ \Phi_{80}\ \Phi_{68}\ \Phi_{40}\ \Phi_{34}\ \Phi_{20}\ \Phi_{10}$
78120	1260	1259	$\frac{75}{1259}$	$\frac{134}{1259}$	$\frac{296}{1259}$	$\frac{321}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78121	1260	1448	$\frac{9}{181}$	$\frac{1}{8}$	$\frac{43}{181}$	$\frac{46}{181}$	$\Phi_{1448}\ \Phi_{724}\ \Phi_{362}$
78122	1260	1259	$\frac{51}{1259}$	$\frac{188}{1259}$	$\frac{302}{1259}$	$\frac{319}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78123	1260	1518	$\frac{9}{253}$	$\frac{1}{6}$	$\frac{61}{253}$	$\frac{64}{253}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{138}\ \Phi_{69}\ \Phi_{66}\ \Phi_{46}\ \Phi_{33}\ \Phi_{22}$
78124	1260	1259	$\frac{27}{1259}$	$\frac{308}{1259}$	$\frac{314}{1259}$	$\frac{317}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78125	1260	1684	$\frac{9}{421}$	$\frac{103}{421}$	$\frac{1}{4}$	$\frac{106}{421}$	$\Phi_{1684}\ \Phi_{842}$
78126	1260	556	$\frac{3}{139}$	$\frac{34}{139}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{556}^2\ \Phi_{278}^2\ \Phi_{139}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
78127	1260	180	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{180}^9\ \Phi_{90}^9\ \Phi_{60}^9\ \Phi_{45}^9\ \Phi_{30}^9\ \Phi_{20}^7\ \Phi_{15}^9\ \Phi_{10}^7\ \Phi_5^6$
78128	1260	556	$\frac{4}{139}$	$\frac{27}{139}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{556}^2\ \Phi_{278}^2\ \Phi_{139}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
78129	1260	348	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{348}^4\ \Phi_{174}^5\ \Phi_{116}^2\ \Phi_{87}^5\ \Phi_{58}^3\ \Phi_{29}^2$
78130	1260	556	$\frac{6}{139}$	$\frac{19}{139}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{556}^2\ \Phi_{278}^2\ \Phi_{139}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
78131	1260	168	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{168}^9\ \Phi_{84}^7\ \Phi_{56}^9\ \Phi_{42}^7\ \Phi_{28}^7\ \Phi_{24}^9\ \Phi_{21}^6\ \Phi_{14}^7\ \Phi_{12}^7\ \Phi_7^6\ \Phi_6^7\ \Phi_3^6$
78132	1260	556	$\frac{9}{139}$	$\frac{13}{139}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{556}^2\ \Phi_{278}^2\ \Phi_{139}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
78133	1260	660	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^3\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}^3\ \Phi_{33}^3$
78134	1260	2080	$\frac{3}{104}$	$\frac{1}{5}$	$\frac{101}{416}$	$\frac{1}{4}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{160}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
78135	1260	996	$\frac{3}{83}$	$\frac{1}{6}$	$\frac{20}{83}$	$\frac{1}{4}$	$\Phi_{996}^2\ \Phi_{498}\ \Phi_{332}\ \Phi_{249}\ \Phi_{83}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
78136	1260	1684	$\frac{17}{421}$	$\frac{64}{421}$	$\frac{101}{421}$	$\frac{1}{4}$	$\Phi_{1684}\ \Phi_{842}$
78137	1260	644	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{11}{46}$	$\frac{1}{4}$	$\Phi_{644}^3\ \Phi_{322}\ \Phi_{161}^2\ \Phi_{28}^4\ \Phi_{14}^2\ \Phi_7^2$
78138	1260	472	$\frac{3}{59}$	$\frac{1}{8}$	$\frac{14}{59}$	$\frac{1}{4}$	$\Phi_{472}^3\ \Phi_{236}^2\ \Phi_{118}^2\ \Phi_{59}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
78139	1260	1684	$\frac{25}{421}$	$\frac{46}{421}$	$\frac{99}{421}$	$\frac{1}{4}$	$\Phi_{1684}\ \Phi_{842}$
78140	1260	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{144}^9\ \Phi_{72}^9\ \Phi_{48}^9\ \Phi_{36}^6\ \Phi_{24}^9\ \Phi_{18}^6\ \Phi_{16}^{12}\ \Phi_{12}^6\ \Phi_9^9\ \Phi_8^{12}\ \Phi_6^6\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^{12}$
78141	1260	1684	$\frac{22}{421}$	$\frac{57}{421}$	$\frac{91}{421}$	$\frac{1}{4}$	$\Phi_{1684}\ \Phi_{842}$
78142	1260	1680	$\frac{1}{21}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
78143	1260	836	$\frac{1}{22}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{836}^2\ \Phi_{418}\ \Phi_{209}\ \Phi_{76}\ \Phi_{44}^4\ \Phi_{22}^2\ \Phi_{19}\ \Phi_{11}^2\ \Phi_4^2\ \Phi_1^2$
78144	1260	1684	$\frac{16}{421}$	$\frac{81}{421}$	$\frac{85}{421}$	$\frac{1}{4}$	$\Phi_{1684}\ \Phi_{842}$
78145	1260	260	$\frac{1}{26}$	$\frac{5}{26}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{260}^8\ \Phi_{130}^4\ \Phi_{65}^4\ \Phi_{20}^9\ \Phi_{10}^5\ \Phi_5^4$
78146	1260	660	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{660}^4\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{110}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
78147	1260	2100	$\frac{1}{21}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{350}\ \Phi_{300}\ \Phi_{150}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
78148	1260	260	$\frac{3}{52}$	$\frac{7}{52}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{260}^6\ \Phi_{130}^6\ \Phi_{65}^6\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_5^6$
78149	1260	80	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{80}^{21}\ \Phi_{40}^{18}\ \Phi_{20}^{19}\ \Phi_{10}^{19}\ \Phi_5^{18}$
78150	1260	780	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{10}^3$
78151	1260	1932	$\frac{4}{69}$	$\frac{1}{7}$	$\frac{13}{69}$	$\frac{1}{4}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{322}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
78152	1260	1684	$\frac{26}{421}$	$\frac{57}{421}$	$\frac{79}{421}$	$\frac{1}{4}$	$\Phi_{1684}\ \Phi_{842}$
78153	1260	472	$\frac{4}{59}$	$\frac{1}{8}$	$\frac{11}{59}$	$\frac{1}{4}$	$\Phi_{472}^3\ \Phi_{236}^2\ \Phi_{118}^2\ \Phi_{59}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
78154	1260	1684	$\frac{31}{421}$	$\frac{49}{421}$	$\frac{78}{421}$	$\frac{1}{4}$	$\Phi_{1684}\ \Phi_{842}$
78155	1260	884	$\frac{1}{13}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{884}^2\ \Phi_{442}^2\ \Phi_{52}^3\ \Phi_{26}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
78156	1260	1684	$\frac{29}{421}$	$\frac{56}{421}$	$\frac{73}{421}$	$\frac{1}{4}$	$\Phi_{1684}\ \Phi_{842}$
78157	1260	1740	$\frac{1}{15}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{348}\ \Phi_{290}\ \Phi_{174}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2$
78158	1260	1684	$\frac{25}{421}$	$\frac{66}{421}$	$\frac{71}{421}$	$\frac{1}{4}$	$\Phi_{1684}\ \Phi_{842}$
78159	1260	996	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{996}^2\ \Phi_{498}\ \Phi_{332}\ \Phi_{249}\ \Phi_{83}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
78160	1260	420	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{420}^5\ \Phi_{210}^2\ \Phi_{140}^5\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{42}\ \Phi_{35}^3\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2$
78161	1260	996	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{996}^2\ \Phi_{498}\ \Phi_{332}\ \Phi_{249}\ \Phi_{83}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
78162	1260	312	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{312}^6\ \Phi_{156}^4\ \Phi_{104}^3\ \Phi_{78}^5\ \Phi_{52}^2\ \Phi_{39}^5\ \Phi_{26}^3\ \Phi_{13}^2$
78163	1260	472	$\frac{5}{59}$	$\frac{1}{8}$	$\frac{9}{59}$	$\frac{1}{4}$	$\Phi_{472}^3\ \Phi_{236}^2\ \Phi_{118}^2\ \Phi_{59}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
78164	1260	1684	$\frac{37}{421}$	$\frac{51}{421}$	$\frac{64}{421}$	$\frac{1}{4}$	$\Phi_{1684}\ \Phi_{842}$
78165	1260	1804	$\frac{1}{11}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{4}$	$\Phi_{1804}\ \Phi_{902}\ \Phi_{44}^2\ \Phi_{22}^2$
78166	1260	1684	$\frac{36}{421}$	$\frac{55}{421}$	$\frac{61}{421}$	$\frac{1}{4}$	$\Phi_{1684}\ \Phi_{842}$
78167	1260	644	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{644}^3\ \Phi_{322}^3\ \Phi_{28}^4\ \Phi_{14}^4$
78168	1260	616	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{616}^3\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{77}^3$
78169	1260	1475	$\frac{3}{59}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{14}{59}$	$\Phi_{1475}\ \Phi_{59}\ \Phi_{25}^2\ \Phi_1^2$
78170	1260	595	$\frac{3}{35}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{8}{35}$	$\Phi_{595}^2\ \Phi_{119}^2\ \Phi_{85}^2\ \Phi_{35}^3\ \Phi_{17}^4\ \Phi_7^3\ \Phi_5^3\ \Phi_1^6$
78171	1260	840	$\frac{3}{35}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{8}{35}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^4\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
78172	1260	1259	$\frac{115}{1259}$	$\frac{139}{1259}$	$\frac{224}{1259}$	$\frac{286}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78173	1260	1448	$\frac{17}{181}$	$\frac{1}{8}$	$\frac{28}{181}$	$\frac{41}{181}$	$\Phi_{1448}\ \Phi_{724}\ \Phi_{362}$
78174	1260	1259	$\frac{123}{1259}$	$\frac{152}{1259}$	$\frac{195}{1259}$	$\frac{284}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78175	1260	1518	$\frac{25}{253}$	$\frac{28}{253}$	$\frac{1}{6}$	$\frac{57}{253}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{138}\ \Phi_{69}\ \Phi_{66}\ \Phi_{46}\ \Phi_{33}\ \Phi_{22}$
78176	1260	99	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{2}{9}$	$\Phi_{99}^{12}\ \Phi_{33}^{12}\ \Phi_{11}^{16}\ \Phi_9^{15}\ \Phi_3^{15}\ \Phi_1^{20}$
78177	1260	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{2}{9}$	$\Phi_{90}^{15}\ \Phi_{45}^{15}\ \Phi_{30}^{17}\ \Phi_{18}^6\ \Phi_{15}^{17}\ \Phi_{10}^{16}\ \Phi_9^9\ \Phi_6^7\ \Phi_5^{16}\ \Phi_3^{10}\ \Phi_2^6\ \Phi_1^{10}$
78178	1260	1259	$\frac{109}{1259}$	$\frac{147}{1259}$	$\frac{230}{1259}$	$\frac{278}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78179	1260	1410	$\frac{1}{10}$	$\frac{17}{141}$	$\frac{22}{141}$	$\frac{31}{141}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{470}\ \Phi_{282}\ \Phi_{235}\ \Phi_{94}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
78180	1260	1259	$\frac{118}{1259}$	$\frac{163}{1259}$	$\frac{197}{1259}$	$\frac{274}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78181	1260	138	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{5}{23}$	$\Phi_{138}^{11}\ \Phi_{69}^{11}\ \Phi_{46}^{11}\ \Phi_6^{10}\ \Phi_3^{10}\ \Phi_2^{10}$
78182	1260	840	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{12}^2$
78183	1260	589	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{589}^2\ \Phi_{31}^4\ \Phi_{19}^3\ \Phi_1^6$
78184	1260	760	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{760}^2\ \Phi_{380}^2\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{76}\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{19}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
78185	1260	1259	$\frac{111}{1259}$	$\frac{164}{1259}$	$\frac{219}{1259}$	$\frac{260}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78186	1260	1410	$\frac{1}{10}$	$\frac{16}{141}$	$\frac{25}{141}$	$\frac{29}{141}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{470}\ \Phi_{282}\ \Phi_{235}\ \Phi_{94}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
78187	1260	1259	$\frac{124}{1259}$	$\frac{143}{1259}$	$\frac{227}{1259}$	$\frac{258}{1259}$	$\Phi_{1259}\ \Phi_1^2$
78188	1260	1448	$\frac{16}{181}$	$\frac{1}{8}$	$\frac{33}{181}$	$\frac{37}{181}$	$\Phi_{1448}\ \Phi_{724}\ \Phi_{362}$
78189	1260	400	$\frac{1}{16}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{400}^4\ \Phi_{200}^4\ \Phi_{100}^4\ \Phi_{80}\ \Phi_{50}^4\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
78190	1260	1475	$\frac{4}{59}$	$\frac{4}{25}$	$\frac{11}{59}$	$\frac{1}{5}$	$\Phi_{1475}\ \Phi_{59}\ \Phi_{25}^2\ \Phi_1^2$
78191	1260	440	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{1}{5}$	$\Phi_{440}^4\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{40}^5\ \Phi_{20}^5\ \Phi_{10}^5$
78192	1260	1580	$\frac{31}{316}$	$\frac{37}{316}$	$\frac{57}{316}$	$\frac{1}{5}$	$\Phi_{1580}\ \Phi_{790}\ \Phi_{395}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
78193	1260	170	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{5}$	$\Phi_{170}^{8}\ \Phi_{85}^{6}\ \Phi_{34}^{8}\ \Phi_{17}^{8}\ \Phi_{10}^{12}\ \Phi_{5}^{9}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
78194	1260	1580	$\frac{29}{316}$	$\frac{41}{316}$	$\frac{55}{316}$	$\frac{1}{5}$	$\Phi_{1580}\ \Phi_{790}\ \Phi_{395}\ \Phi_{20}\ \Phi_{10}$
78195	1260	1950	$\frac{1}{13}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
78196	1260	930	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{930}^{2}\ \Phi_{465}^{2}\ \Phi_{310}^{2}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{3}$
78197	1260	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{120}^{14}\ \Phi_{60}^{14}\ \Phi_{40}^{7}\ \Phi_{30}^{7}\ \Phi_{24}^{16}\ \Phi_{20}^{7}\ \Phi_{15}^{7}\ \Phi_{12}^{16}\ \Phi_{10}^{4}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{3}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
78198	1260	1475	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1475}\ \Phi_{59}\ \Phi_{25}^{2}\ \Phi_{1}^{2}$
78199	1260	1925	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1925}\ \Phi_{77}$
78200	1260	66	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{6}$	$\frac{2}{11}$	$\Phi_{66}^{23}\ \Phi_{33}^{14}\ \Phi_{22}^{23}\ \Phi_{11}^{18}\ \Phi_{6}^{22}\ \Phi_{3}^{13}\ \Phi_{2}^{22}\ \Phi_{1}^{18}$
78201	1260	119	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{17}$	$\Phi_{119}^{10}\ \Phi_{17}^{12}\ \Phi_{7}^{15}\ \Phi_{1}^{18}$
78202	1260	1259	$\frac{154}{1259}$	$\frac{173}{1259}$	$\frac{181}{1259}$	$\frac{221}{1259}$	$\Phi_{1259}\ \Phi_{1}^{2}$
78203	1260	1477	$\frac{26}{211}$	$\frac{29}{211}$	$\frac{1}{7}$	$\frac{37}{211}$	Φ_{1477}
78204	1260	1189	$\frac{5}{41}$	$\frac{4}{29}$	$\frac{6}{41}$	$\frac{5}{29}$	$\Phi_{1189}\ \Phi_{41}^{2}\ \Phi_{29}^{2}\ \Phi_{1}^{4}$
78205	1260	1624	$\frac{1}{8}$	$\frac{4}{29}$	$\frac{1}{7}$	$\frac{5}{29}$	$\Phi_{1624}\ \Phi_{812}\ \Phi_{406}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
78206	1260	1259	$\frac{149}{1259}$	$\frac{179}{1259}$	$\frac{185}{1259}$	$\frac{216}{1259}$	$\Phi_{1259}\ \Phi_{1}^{2}$
78207	1260	1448	$\frac{1}{8}$	$\frac{25}{181}$	$\frac{26}{181}$	$\frac{31}{181}$	$\Phi_{1448}\ \Phi_{724}\ \Phi_{362}$
78208	1260	1259	$\frac{155}{1259}$	$\frac{174}{1259}$	$\frac{184}{1259}$	$\frac{215}{1259}$	$\Phi_{1259}\ \Phi_{1}^{2}$
78209	1260	1477	$\frac{25}{211}$	$\frac{1}{7}$	$\frac{31}{211}$	$\frac{36}{211}$	Φ_{1477}
78210	1260	1722	$\frac{5}{41}$	$\frac{1}{7}$	$\frac{6}{41}$	$\frac{1}{6}$	$\Phi_{1722}\ \Phi_{861}\ \Phi_{574}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}$
78211	1260	1518	$\frac{31}{253}$	$\frac{36}{253}$	$\frac{37}{253}$	$\frac{1}{6}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{138}\ \Phi_{69}\ \Phi_{66}\ \Phi_{46}\ \Phi_{33}\ \Phi_{22}$
78212	1260	168	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{168}^{10}\ \Phi_{84}^{10}\ \Phi_{56}^{5}\ \Phi_{42}^{5}\ \Phi_{28}^{5}\ \Phi_{24}^{12}\ \Phi_{21}^{5}\ \Phi_{12}^{12}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
78213	1261	2016	$\frac{1}{252}$	$\frac{253}{1008}$	$\frac{755}{2016}$	$\frac{251}{504}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{96}\ \Phi_{72}\ \Phi_{56}\ \Phi_{32}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
78214	1261	2512	$\frac{5}{1256}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1251}{2512}$	$\Phi_{2512}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
78215	1261	2160	$\frac{1}{180}$	$\frac{181}{1080}$	$\frac{899}{2160}$	$\frac{179}{360}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
78216	1261	2240	$\frac{1}{140}$	$\frac{141}{1120}$	$\frac{979}{2240}$	$\frac{139}{280}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{280}\ \Phi_{64}\ \Phi_{56}\ \Phi_{40}\ \Phi_{8}\ \Phi_{1}$
78217	1261	1680	$\frac{1}{140}$	$\frac{419}{1680}$	$\frac{141}{560}$	$\frac{139}{280}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
78218	1261	192	$\frac{1}{96}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{95}{192}$	$\Phi_{192}^{13}\ \Phi_{64}^{13}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
78219	1261	960	$\frac{1}{96}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{95}{192}$	$\Phi_{960}^{3}\ \Phi_{320}^{3}\ \Phi_{192}\ \Phi_{64}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
78220	1261	576	$\frac{1}{96}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{95}{192}$	$\Phi_{576}^{6}\ \Phi_{192}\ \Phi_{64}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
78221	1261	192	$\frac{1}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{95}{192}$	$\Phi_{192}^{13}\ \Phi_{64}^{13}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
78222	1261	2352	$\frac{1}{84}$	$\frac{85}{1176}$	$\frac{1091}{2352}$	$\frac{83}{168}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
78223	1261	2484	$\frac{19}{1242}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1223}{2484}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{276}\ \Phi_{108}\ \Phi_{92}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
78224	1261	2400	$\frac{1}{60}$	$\frac{61}{1200}$	$\frac{1139}{2400}$	$\frac{59}{120}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
78225	1261	1800	$\frac{1}{60}$	$\frac{61}{600}$	$\frac{539}{1800}$	$\frac{59}{120}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
78226	1261	1440	$\frac{1}{60}$	$\frac{179}{1440}$	$\frac{61}{240}$	$\frac{59}{120}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
78227	1261	2480	$\frac{21}{1240}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{1219}{2480}$	$\Phi_{2480}\ \Phi_{496}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
78228	1261	1692	$\frac{8}{423}$	$\frac{1}{9}$	$\frac{431}{1692}$	$\frac{415}{846}$	$\Phi_{1692}\ \Phi_{564}\ \Phi_{423}\ \Phi_{188}\ \Phi_{141}\ \Phi_{47}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
78229	1261	2464	$\frac{29}{1232}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{1203}{2464}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{224}\ \Phi_{56}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
78230	1261	2448	$\frac{1}{36}$	$\frac{37}{1224}$	$\frac{1187}{2448}$	$\frac{35}{72}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
78231	1261	1380	$\frac{4}{115}$	$\frac{119}{1380}$	$\frac{1}{5}$	$\frac{111}{230}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{115}\ \Phi_{92}\ \Phi_{69}\ \Phi_{60}\ \Phi_{30}\ \Phi_{23}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
78232	1261	1848	$\frac{1}{28}$	$\frac{29}{616}$	$\frac{587}{1848}$	$\frac{27}{56}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{56}\ \Phi_{42}\ \Phi_{33}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
78233	1261	1344	$\frac{1}{28}$	$\frac{83}{1344}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
78234	1261	2420	$\frac{51}{1210}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1159}{2420}$	$\Phi_{2420}\ \Phi_{484}\ \Phi_{220}\ \Phi_{55}\ \Phi_{44}\ \Phi_{20}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
78235	1261	2400	$\frac{1}{20}$	$\frac{61}{1200}$	$\frac{19}{80}$	$\frac{1139}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
78236	1261	2400	$\frac{61}{1200}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{1139}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{75}\ \Phi_{32}\ \Phi_{25}\ \Phi_{1}$
78237	1261	1530	$\frac{14}{255}$	$\frac{1}{15}$	$\frac{269}{1530}$	$\frac{241}{510}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{306}\ \Phi_{255}\ \Phi_{153}\ \Phi_{90}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
78238	1261	2376	$\frac{1}{36}$	$\frac{73}{1188}$	$\frac{35}{108}$	$\frac{1115}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{108}\ \Phi_{88}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
78239	1261	182	$\frac{6}{91}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{85}{182}$	$\Phi_{182}^{6}\ \Phi_{91}^{7}\ \Phi_{26}^{6}\ \Phi_{14}^{12}\ \Phi_{13}^{7}\ \Phi_{7}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
78240	1261	105	$\frac{1}{15}$	$\frac{8}{105}$	$\frac{2}{15}$	$\frac{7}{15}$	$\Phi_{105}^{13}\ \Phi_{35}^{13}\ \Phi_{21}^{13}\ \Phi_{15}^{6}\ \Phi_{7}^{13}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
78241	1261	112	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{15}{112}$	$\frac{13}{28}$	$\Phi_{112}^{13}\ \Phi_{56}^{13}\ \Phi_{16}^{13}\ \Phi_{14}^{12}\ \Phi_{8}^{13}\ \Phi_{7}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
78242	1261	2352	$\frac{1}{14}$	$\frac{85}{1176}$	$\frac{13}{98}$	$\frac{1091}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{112}\ \Phi_{98}\ \Phi_{49}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
78243	1261	1320	$\frac{59}{1320}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
78244	1261	180	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{2}{15}$	$\frac{83}{180}$	$\Phi_{180}^{13}\ \Phi_{60}^{13}\ \Phi_{36}^{13}\ \Phi_{20}^{13}\ \Phi_{15}^{6}\ \Phi_{12}^{13}\ \Phi_{5}^{6}\ \Phi_{4}^{13}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
78245	1261	1728	$\frac{1}{36}$	$\frac{35}{432}$	$\frac{467}{1728}$	$\frac{397}{864}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
78246	1261	792	$\frac{2}{99}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{792}^{3}\ \Phi_{264}^{3}\ \Phi_{99}\ \Phi_{88}^{3}\ \Phi_{72}^{3}\ \Phi_{33}\ \Phi_{24}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
78247	1261	144	$\frac{1}{48}$	$\frac{1}{12}$	$\frac{47}{144}$	$\frac{11}{24}$	$\Phi_{144}^{13}\ \Phi_{72}^{13}\ \Phi_{36}^{13}\ \Phi_{24}\ \Phi_{18}^{13}\ \Phi_{9}^{13}\ \Phi_{8}\ \Phi_{1}$
78248	1261	1296	$\frac{35}{1296}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
78249	1261	600	$\frac{3}{100}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{600}^{4}\ \Phi_{200}^{4}\ \Phi_{120}^{4}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}^{4}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
78250	1261	384	$\frac{1}{32}$	$\frac{1}{12}$	$\frac{31}{128}$	$\frac{11}{24}$	$\Phi_{384}^{4}\ \Phi_{192}^{4}\ \Phi_{128}^{5}\ \Phi_{64}^{5}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
78251	1261	120	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{23}{120}$	$\frac{11}{24}$	$\Phi_{120}^{13}\ \Phi_{60}^{13}\ \Phi_{40}^{13}\ \Phi_{30}^{13}\ \Phi_{24}\ \Phi_{20}^{13}\ \Phi_{15}^{13}\ \Phi_{10}^{13}\ \Phi_{8}\ \Phi_{5}^{13}\ \Phi_{1}$
78252	1261	408	$\frac{5}{102}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{408}^{6}\ \Phi_{136}^{6}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
78253	1261	1344	$\frac{83}{1344}$	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{11}{24}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
78254	1261	336	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{15}{112}$	$\frac{11}{24}$	$\Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{112}^{5}\ \Phi_{84}^{4}\ \Phi_{56}^{5}\ \Phi_{42}^{4}\ \Phi_{28}^{5}\ \Phi_{24}\ \Phi_{21}^{4}\ \Phi_{14}^{5}\ \Phi_{8}\ \Phi_{7}^{5}\ \Phi_{1}$
78255	1261	312	$\frac{7}{104}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{312}^{4}\ \Phi_{156}^{4}\ \Phi_{104}^{5}\ \Phi_{78}^{4}\ \Phi_{52}^{5}\ \Phi_{39}^{4}\ \Phi_{26}^{5}\ \Phi_{24}\ \Phi_{13}^{5}\ \Phi_{8}\ \Phi_{1}$
78256	1261	216	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{11}{24}$	$\Phi_{216}^{12}\ \Phi_{108}\ \Phi_{72}^{12}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
78257	1261	2304	$\frac{1}{36}$	$\frac{109}{1152}$	$\frac{35}{144}$	$\frac{1043}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
78258	1261	2300	$\frac{4}{115}$	$\frac{111}{1150}$	$\frac{1}{5}$	$\frac{1039}{2300}$	$\Phi_{2300}\ \Phi_{460}\ \Phi_{115}\ \Phi_{100}\ \Phi_{92}\ \Phi_{23}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
78259	1261	2268	$\frac{1}{63}$	$\frac{127}{1134}$	$\frac{62}{189}$	$\frac{1007}{2268}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{324}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
78260	1261	2240	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{141}{1120}$	$\frac{979}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
78261	1261	1372	$\frac{1}{14}$	$\frac{111}{1372}$	$\frac{13}{98}$	$\frac{85}{196}$	$\Phi_{1372}\ \Phi_{686}\ \Phi_{343}\ \Phi_{98}\ \Phi_{49}\ \Phi_{1}$
78262	1261	1764	$\frac{1}{63}$	$\frac{62}{441}$	$\frac{503}{1764}$	$\frac{379}{882}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{441}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{84}\ \Phi_{49}\ \Phi_{36}\ \Phi_{28}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
78263	1261	168	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{71}{168}$	$\Phi_{168}^{13}\ \Phi_{56}^{13}\ \Phi_{24}^{13}\ \Phi_{14}^{12}\ \Phi_{8}^{13}\ \Phi_{7}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
78264	1261	2160	$\frac{1}{90}$	$\frac{181}{1080}$	$\frac{89}{270}$	$\frac{899}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{144}\ \Phi_{135}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
78265	1261	2160	$\frac{1}{36}$	$\frac{35}{216}$	$\frac{181}{1080}$	$\frac{899}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
78266	1261	1350	$\frac{89}{1350}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{61}{150}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{270}\ \Phi_{225}\ \Phi_{135}\ \Phi_{90}\ \Phi_{75}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
78267	1261	1280	$\frac{19}{1280}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
78268	1261	1800	$\frac{1}{90}$	$\frac{89}{450}$	$\frac{539}{1800}$	$\frac{361}{900}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
78269	1261	2040	$\frac{14}{255}$	$\frac{1}{15}$	$\frac{241}{1020}$	$\frac{779}{2040}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{255}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{51}\ \Phi_{40}\ \Phi_{24}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
78270	1261	1440	$\frac{1}{36}$	$\frac{179}{1440}$	$\frac{35}{144}$	$\frac{109}{288}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
78271	1261	2016	$\frac{1}{84}$	$\frac{83}{336}$	$\frac{253}{1008}$	$\frac{755}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
78272	1261	1296	$\frac{35}{1296}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
78273	1261	1944	$\frac{1}{36}$	$\frac{35}{324}$	$\frac{289}{972}$	$\frac{683}{1944}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
78274	1261	1920	$\frac{1}{20}$	$\frac{19}{320}$	$\frac{301}{960}$	$\frac{659}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
78275	1261	1512	$\frac{1}{63}$	$\frac{251}{1512}$	$\frac{62}{189}$	$\frac{127}{378}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
78276	1261	1620	$\frac{1}{90}$	$\frac{359}{1620}$	$\frac{89}{270}$	$\frac{181}{540}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{1}$
78277	1261	1896	$\frac{3}{316}$	$\frac{1}{4}$	$\frac{313}{948}$	$\frac{635}{1896}$	$\Phi_{1896}\ \Phi_{632}\ \Phi_{316}\ \Phi_{158}\ \Phi_{79}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
78278	1261	495	$\frac{2}{99}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{495}^{3}\ \Phi_{165}^{3}\ \Phi_{99}\ \Phi_{55}^{3}\ \Phi_{45}^{3}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
78279	1261	720	$\frac{1}{48}$	$\frac{2}{15}$	$\frac{47}{144}$	$\frac{1}{3}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{144}\ \Phi_{90}^{3}\ \Phi_{72}\ \Phi_{45}^{3}\ \Phi_{36}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
78280	1261	198	$\frac{2}{99}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{198}^{6}\ \Phi_{99}^{7}\ \Phi_{66}^{6}\ \Phi_{33}^{7}\ \Phi_{22}^{6}\ \Phi_{18}^{4}\ \Phi_{11}^{7}\ \Phi_{9}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
78281	1261	1584	$\frac{2}{99}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{33}\ \Phi_{16}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
78282	1261	300	$\frac{3}{100}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{100}^{5}\ \Phi_{75}^{4}\ \Phi_{60}^{3}\ \Phi_{50}^{5}\ \Phi_{30}^{3}\ \Phi_{25}^{5}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
78283	1261	1920	$\frac{1}{32}$	$\frac{2}{15}$	$\frac{31}{128}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{320}\ \Phi_{128}\ \Phi_{64}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
78284	1261	120	$\frac{1}{24}$	$\frac{2}{15}$	$\frac{23}{120}$	$\frac{1}{3}$	$\Phi_{120}^{10}\ \Phi_{60}^{10}\ \Phi_{40}^{10}\ \Phi_{30}^{10}\ \Phi_{24}^{12}\ \Phi_{20}^{10}\ \Phi_{15}^{11}\ \Phi_{12}^{12}\ \Phi_{10}^{10}\ \Phi_{8}^{12}\ \Phi_{6}^{12}\ \Phi_{5}^{11}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
78285	1261	510	$\frac{5}{102}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{510}^{3}\ \Phi_{255}^{3}\ \Phi_{170}^{3}\ \Phi_{102}\ \Phi_{85}^{3}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
78286	1261	1680	$\frac{1}{16}$	$\frac{2}{15}$	$\frac{15}{112}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{15}\ \Phi_{14}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
78287	1261	1560	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}$
78288	1261	540	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{540}^{3}\ \Phi_{270}^{3}\ \Phi_{180}^{3}\ \Phi_{135}^{3}\ \Phi_{108}\ \Phi_{90}^{3}\ \Phi_{54}\ \Phi_{45}^{3}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
78289	1261	1701	$\frac{1}{63}$	$\frac{127}{567}$	$\frac{440}{1701}$	$\frac{62}{189}$	$\Phi_{1701}\ \Phi_{243}\ \Phi_{189}\ \Phi_{27}\ \Phi_{1}$
78290	1261	144	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{47}{144}$	$\Phi_{144}^{7}\ \Phi_{72}^{7}\ \Phi_{48}^{12}\ \Phi_{36}^{7}\ \Phi_{24}^{12}\ \Phi_{18}^{8}\ \Phi_{16}^{12}\ \Phi_{12}^{12}\ \Phi_{9}^{8}\ \Phi_{8}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
78291	1261	144	$\frac{1}{48}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{47}{144}$	$\Phi_{144}^{13}\ \Phi_{72}^{13}\ \Phi_{36}^{13}\ \Phi_{18}^{13}\ \Phi_{16}\ \Phi_{9}^{13}\ \Phi_{8}\ \Phi_{1}$
78292	1261	1863	$\frac{19}{621}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{602}{1863}$	$\Phi_{1863}\ \Phi_{81}\ \Phi_{27}\ \Phi_{1}$
78293	1261	285	$\frac{4}{95}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{91}{285}$	$\Phi_{285}^{4}\ \Phi_{95}^{5}\ \Phi_{57}^{4}\ \Phi_{19}^{5}\ \Phi_{15}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
78294	1261	126	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{29}{126}$	$\frac{13}{42}$	$\Phi_{126}^{13}\ \Phi_{63}^{13}\ \Phi_{18}^{13}\ \Phi_{14}^{12}\ \Phi_{9}^{13}\ \Phi_{7}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
78295	1261	1815	$\frac{4}{55}$	$\frac{51}{605}$	$\frac{1}{5}$	$\frac{554}{1815}$	$\Phi_{1815}\ \Phi_{363}\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}$
78296	1261	1800	$\frac{1}{15}$	$\frac{61}{600}$	$\frac{14}{75}$	$\frac{539}{1800}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{180}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
78297	1261	1470	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{209}{1470}$	$\frac{85}{294}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{245}\ \Phi_{210}\ \Phi_{105}\ \Phi_{98}\ \Phi_{70}\ \Phi_{49}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
78298	1261	1764	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{85}{588}$	$\frac{503}{1764}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{441}\ \Phi_{252}\ \Phi_{126}\ \Phi_{98}\ \Phi_{63}\ \Phi_{49}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
78299	1261	135	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{7}{45}$	$\frac{38}{135}$	$\Phi_{135}^{13}\ \Phi_{27}^{13}\ \Phi_{15}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
78300	1261	900	$\frac{3}{100}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{225}^{2}\ \Phi_{180}^{2}\ \Phi_{100}\ \Phi_{90}^{2}\ \Phi_{50}\ \Phi_{45}^{2}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
78301	1261	1152	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{31}{128}$	$\frac{5}{18}$	$\Phi_{1152}^{2}\ \Phi_{576}^{2}\ \Phi_{128}\ \Phi_{64}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
78302	1261	360	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{23}{120}$	$\frac{5}{18}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}\ \Phi_{90}^{6}\ \Phi_{60}\ \Phi_{45}^{6}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
78303	1261	306	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{306}^{6}\ \Phi_{153}^{6}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
78304	1261	1008	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{126}^{2}\ \Phi_{112}\ \Phi_{63}^{2}\ \Phi_{56}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
78305	1261	936	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{234}^{2}\ \Phi_{117}^{2}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
78306	1261	108	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{108}^{13}\ \Phi_{54}^{13}\ \Phi_{36}^{7}\ \Phi_{27}^{13}\ \Phi_{18}^{8}\ \Phi_{12}^{12}\ \Phi_{9}^{8}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
78307	1261	1296	$\frac{35}{1296}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
78308	1261	1728	$\frac{1}{36}$	$\frac{109}{576}$	$\frac{35}{144}$	$\frac{467}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
78309	1261	1725	$\frac{4}{115}$	$\frac{111}{575}$	$\frac{1}{5}$	$\frac{464}{1725}$	$\Phi_{1725}\ \Phi_{345}\ \Phi_{115}\ \Phi_{75}\ \Phi_{69}\ \Phi_{23}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
78310	1261	1440	$\frac{1}{20}$	$\frac{179}{1440}$	$\frac{19}{80}$	$\frac{61}{240}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
78311	1261	400	$\frac{3}{100}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{400}^{4}\ \Phi_{200}^{4}\ \Phi_{100}\ \Phi_{80}^{4}\ \Phi_{50}\ \Phi_{40}^{4}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
78312	1261	128	$\frac{1}{32}$	$\frac{3}{16}$	$\frac{31}{128}$	$\frac{1}{4}$	$\Phi_{128}^{13}\ \Phi_{64}^{13}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
78313	1261	240	$\frac{1}{24}$	$\frac{3}{16}$	$\frac{23}{120}$	$\frac{1}{4}$	$\Phi_{240}^{8}\ \Phi_{120}^{5}\ \Phi_{80}^{8}\ \Phi_{60}^{5}\ \Phi_{40}^{5}\ \Phi_{30}^{5}\ \Phi_{20}^{5}\ \Phi_{16}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{8}\ \Phi_{5}^{5}\ \Phi_{1}$
78314	1261	816	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{816}^{2}\ \Phi_{408}^{2}\ \Phi_{272}^{2}\ \Phi_{136}^{2}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
78315	1261	1344	$\frac{83}{1344}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
78316	1261	112	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{112}^{13}\ \Phi_{56}^{13}\ \Phi_{28}^{13}\ \Phi_{16}\ \Phi_{14}^{13}\ \Phi_{8}\ \Phi_{7}^{13}\ \Phi_{1}$
78317	1261	208	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{208}^{8}\ \Phi_{104}^{5}\ \Phi_{52}^{5}\ \Phi_{26}^{5}\ \Phi_{16}\ \Phi_{13}^{5}\ \Phi_{8}\ \Phi_{1}$
78318	1261	432	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{432}^{4}\ \Phi_{216}^{4}\ \Phi_{144}^{4}\ \Phi_{108}\ \Phi_{72}^{4}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
78319	1261	1600	$\frac{1}{20}$	$\frac{61}{400}$	$\frac{339}{1600}$	$\frac{19}{80}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
78320	1261	120	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{23}{120}$	$\frac{7}{30}$	$\Phi_{120}^{13}\ \Phi_{60}^{13}\ \Phi_{40}^{13}\ \Phi_{24}^{13}\ \Phi_{20}^{13}\ \Phi_{15}^{6}\ \Phi_{12}^{13}\ \Phi_{8}^{13}\ \Phi_{5}^{6}\ \Phi_{4}^{13}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
78321	1261	1568	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{307}{1568}$	$\frac{85}{392}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{224}\ \Phi_{112}\ \Phi_{98}\ \Phi_{49}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
78322	1261	1500	$\frac{1}{15}$	$\frac{239}{1500}$	$\frac{14}{75}$	$\frac{61}{300}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{75}\ \Phi_{25}\ \Phi_{1}$
78323	1262	3768	$\frac{3}{628}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{625}{1256}$	$\Phi_{3768}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
78324	1262	1164	$\frac{1}{97}$	$\frac{49}{582}$	$\frac{533}{1164}$	$\frac{48}{97}$	$\Phi_{1164}^{2}\ \Phi_{388}^{2}\ \Phi_{97}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
78325	1262	873	$\frac{1}{97}$	$\frac{49}{291}$	$\frac{242}{873}$	$\frac{48}{97}$	$\Phi_{873}^{2}\ \Phi_{97}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
78326	1262	776	$\frac{1}{97}$	$\frac{145}{776}$	$\frac{49}{194}$	$\frac{48}{97}$	$\Phi_{776}^{2}\ \Phi_{388}^{2}\ \Phi_{97}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
78327	1262	1248	$\frac{7}{624}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{617}{1248}$	$\Phi_{1248}^{2}\ \Phi_{416}^{2}\ \Phi_{96}^{2}\ \Phi_{32}^{2}\ \Phi_{13}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
78328	1262	1248	$\frac{7}{624}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{617}{1248}$	$\Phi_{1248}^2\ \Phi_{416}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
78329	1262	728	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{97}{728}$	$\frac{85}{182}$	$\Phi_{728}^2\ \Phi_{364}^2\ \Phi_{104}^2\ \Phi_{91}^2\ \Phi_{56}^2\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
78330	1262	1183	$\frac{79}{1183}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{552}{1183}$	$\Phi_{1183}\ \Phi_{169}\ \Phi_{91}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_1^2$
78331	1262	936	$\frac{7}{312}$	$\frac{1}{13}$	$\frac{305}{936}$	$\frac{6}{13}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_1^2$
78332	1262	650	$\frac{19}{650}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{650}^2\ \Phi_{325}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
78333	1262	832	$\frac{7}{208}$	$\frac{1}{13}$	$\frac{201}{832}$	$\frac{6}{13}$	$\Phi_{832}^2\ \Phi_{416}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{13}\ \Phi_1^2$
78334	1262	780	$\frac{7}{156}$	$\frac{1}{13}$	$\frac{149}{780}$	$\frac{6}{13}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
78335	1262	663	$\frac{32}{663}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{663}^2\ \Phi_{221}^2\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_{13}\ \Phi_1^2$
78336	1262	676	$\frac{45}{676}$	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{6}{13}$	$\Phi_{676}^2\ \Phi_{338}^2\ \Phi_{169}^2\ \Phi_{13}\ \Phi_1^2$
78337	1262	728	$\frac{7}{104}$	$\frac{1}{13}$	$\frac{97}{728}$	$\frac{6}{13}$	$\Phi_{728}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_1^2$
78338	1262	702	$\frac{1}{13}$	$\frac{7}{78}$	$\frac{71}{702}$	$\frac{6}{13}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_1^2$
78339	1262	1920	$\frac{9}{640}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
78340	1262	3318	$\frac{1}{79}$	$\frac{78}{553}$	$\frac{1}{3}$	$\frac{475}{1106}$	$\Phi_{3318}\ \Phi_{474}\ \Phi_{237}\ \Phi_{42}\ \Phi_6$
78341	1262	1092	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{85}{546}$	$\frac{461}{1092}$	$\Phi_{1092}^2\ \Phi_{364}^2\ \Phi_{156}^2\ \Phi_{91}^2\ \Phi_{84}^2\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
78342	1262	948	$\frac{1}{158}$	$\frac{157}{474}$	$\frac{1}{3}$	$\frac{317}{948}$	$\Phi_{948}^2\ \Phi_{474}\ \Phi_{316}^2\ \Phi_{237}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
78343	1262	936	$\frac{7}{312}$	$\frac{1}{8}$	$\frac{305}{936}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
78344	1262	648	$\frac{17}{648}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
78345	1262	2496	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{201}{832}$	$\frac{1}{3}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{192}\ \Phi_{96}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
78346	1262	672	$\frac{41}{672}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_6$
78347	1262	2184	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{97}{728}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{273}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
78348	1262	819	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{188}{819}$	$\frac{85}{273}$	$\Phi_{819}^2\ \Phi_{117}^2\ \Phi_{91}^2\ \Phi_{63}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_7^2\ \Phi_1^2$
78349	1263	631	$\frac{4}{631}$	$\frac{209}{631}$	$\frac{210}{631}$	$\frac{211}{631}$	$\Phi_{631}^2\ \Phi_1^3$
78350	1263	429	$\frac{8}{429}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{429}^3\ \Phi_{143}^3\ \Phi_{39}^3\ \Phi_{33}^2\ \Phi_{13}^3\ \Phi_{11}^3\ \Phi_3\ \Phi_1^3$
78351	1264	315	$\frac{1}{315}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{157}{315}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
78352	1264	1263	$\frac{5}{1263}$	$\frac{317}{1263}$	$\frac{473}{1263}$	$\frac{629}{1263}$	$\Phi_{1263}\ \Phi_{421}\ \Phi_3\ \Phi_1^2$
78353	1264	633	$\frac{1}{211}$	$\frac{53}{211}$	$\frac{1}{3}$	$\frac{105}{211}$	$\Phi_{633}^3\ \Phi_3^2$
78354	1264	1099	$\frac{1}{157}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{78}{157}$	$\Phi_{1099}\ \Phi_{157}^2\ \Phi_7^2\ \Phi_1^4$
78355	1264	2355	$\frac{1}{157}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{78}{157}$	$\Phi_{2355}\ \Phi_{15}^2$
78356	1264	421	$\frac{3}{421}$	$\frac{53}{421}$	$\frac{184}{421}$	$\frac{209}{421}$	$\Phi_{421}^3\ \Phi_1^4$
78357	1264	1585	$\frac{3}{317}$	$\frac{1}{5}$	$\frac{80}{317}$	$\frac{157}{317}$	Φ_{1585}
78358	1264	1263	$\frac{13}{1263}$	$\frac{236}{1263}$	$\frac{319}{1263}$	$\frac{625}{1263}$	$\Phi_{1263}\ \Phi_{421}\ \Phi_3\ \Phi_1^2$
78359	1264	633	$\frac{7}{633}$	$\frac{80}{633}$	$\frac{1}{3}$	$\frac{313}{633}$	$\Phi_{633}^2\ \Phi_{211}^2\ \Phi_3\ \Phi_1^2$
78360	1264	780	$\frac{1}{78}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{77}{156}$	$\Phi_{780}^3\ \Phi_{260}^3\ \Phi_{156}^4\ \Phi_{60}^3\ \Phi_{52}^4\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
78361	1264	468	$\frac{1}{78}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{77}{156}$	$\Phi_{468}^6\ \Phi_{156}^4\ \Phi_{52}^4\ \Phi_{36}^6\ \Phi_{12}^4\ \Phi_9^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
78362	1264	780	$\frac{1}{78}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{77}{156}$	$\Phi_{780}^3\ \Phi_{260}^3\ \Phi_{156}^4\ \Phi_{60}^3\ \Phi_{52}^4\ \Phi_{20}^3\ \Phi_{12}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
78363	1264	954	$\frac{1}{53}$	$\frac{1}{9}$	$\frac{27}{106}$	$\frac{26}{53}$	$\Phi_{954}^2\ \Phi_{477}\ \Phi_{318}^2\ \Phi_{159}\ \Phi_{18}^2\ \Phi_6^2$
78364	1264	2584	$\frac{3}{76}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{2584}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
78365	1264	2550	$\frac{4}{75}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{2550}\ \Phi_{850}\ \Phi_{510}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{34}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
78366	1264	1632	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
78367	1264	405	$\frac{2}{81}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{405}^3\ \Phi_{135}^3\ \Phi_{81}^4\ \Phi_{45}^3\ \Phi_{27}^4\ \Phi_{15}\ \Phi_9^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
78368	1264	585	$\frac{1}{39}$	$\frac{1}{15}$	$\frac{38}{117}$	$\frac{7}{15}$	$\Phi_{585}^3\ \Phi_{117}^4\ \Phi_{45}^3\ \Phi_{15}\ \Phi_9^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
78369	1264	1560	$\frac{1}{26}$	$\frac{1}{15}$	$\frac{25}{104}$	$\frac{7}{15}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{312}\ \Phi_{260}\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}^2\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{40}$ $\Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
78370	1264	420	$\frac{5}{84}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{42}^4\ \Phi_{35}^3\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^3$ $\Phi_{15}\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_7^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
78371	1264	1365	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{7}{15}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{105}\ \Phi_{91}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
78372	1264	2448	$\frac{1}{17}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{144}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
78373	1264	2380	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{140}$	$\Phi_{2380}\ \Phi_{476}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}$
78374	1264	1680	$\frac{1}{80}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}^2\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}$ $\Phi_{60}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2$
78375	1264	1360	$\frac{1}{80}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{272}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}$
78376	1264	2176	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{2176}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
78377	1264	1263	$\frac{11}{1263}$	$\frac{313}{1263}$	$\frac{394}{1263}$	$\frac{475}{1263}$	$\Phi_{1263}\ \Phi_{421}\ \Phi_3\ \Phi_1^2$
78378	1264	633	$\frac{5}{633}$	$\frac{157}{633}$	$\frac{1}{3}$	$\frac{238}{633}$	$\Phi_{633}^2\ \Phi_{211}^2\ \Phi_3\ \Phi_1^2$
78379	1264	2040	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}$
78380	1264	159	$\frac{1}{159}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{159}^8\ \Phi_{53}^8\ \Phi_3^5\ \Phi_1^6$
78381	1264	945	$\frac{2}{315}$	$\frac{313}{945}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{27}^2\ \Phi_3\ \Phi_1^2$
78382	1264	105	$\frac{1}{105}$	$\frac{26}{105}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^{12}\ \Phi_{35}^{12}\ \Phi_{21}^{12}\ \Phi_{15}^{12}\ \Phi_7^{12}\ \Phi_5^{12}\ \Phi_3^{13}\ \Phi_1^{14}$
78383	1264	639	$\frac{7}{639}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{639}^2\ \Phi_{213}^2\ \Phi_{71}^2\ \Phi_3\ \Phi_1^2$
78384	1264	240	$\frac{1}{80}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}^4\ \Phi_{120}^4\ \Phi_{80}^8\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^8\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^8\ \Phi_{16}^8\ \Phi_{15}^3\ \Phi_{12}^4$ $\Phi_{10}^8\ \Phi_8^8\ \Phi_6^4\ \Phi_5^6\ \Phi_4^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
78385	1264	189	$\frac{1}{63}$	$\frac{31}{189}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{189}^8\ \Phi_{63}^4\ \Phi_{27}^8\ \Phi_{21}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_3^5\ \Phi_1^6$
78386	1264	483	$\frac{3}{161}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{483}^2\ \Phi_{161}^4\ \Phi_{69}^2\ \Phi_{23}^4\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
78387	1264	735	$\frac{2}{105}$	$\frac{103}{735}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}^2\ \Phi_{49}^2\ \Phi_3\ \Phi_1^2$
78388	1264	645	$\frac{13}{645}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{645}^2\ \Phi_{215}^2\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_3\ \Phi_1^2$
78389	1264	90	$\frac{1}{45}$	$\frac{11}{90}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{90}^{16}\ \Phi_{45}^{12}\ \Phi_{30}^{16}\ \Phi_{18}^{16}\ \Phi_{15}^{12}\ \Phi_{10}^{16}\ \Phi_9^{12}\ \Phi_6^{16}\ \Phi_5^{12}\ \Phi_3^{13}\ \Phi_2^{16}\ \Phi_1^{14}$
78390	1264	81	$\frac{2}{81}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{81}^{16}\ \Phi_{27}^{16}\ \Phi_9^{12}\ \Phi_3^{13}\ \Phi_1^{14}$
78391	1264	525	$\frac{1}{35}$	$\frac{17}{175}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{175}^4\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{35}^2\ \Phi_{25}^4\ \Phi_{21}\ \Phi_{15}\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
78392	1264	651	$\frac{19}{651}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{651}^2\ \Phi_{217}^2\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_3\ \Phi_1^2$
78393	1264	693	$\frac{2}{63}$	$\frac{61}{693}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}^2\ \Phi_{77}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
78394	1264	165	$\frac{7}{165}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}^8\ \Phi_{55}^8\ \Phi_{33}^8\ \Phi_{15}^4\ \Phi_{11}^8\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
78395	1264	675	$\frac{2}{45}$	$\frac{43}{675}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}^2\ \Phi_{75}^2\ \Phi_{27}^2\ \Phi_{25}^2\ \Phi_3\ \Phi_1^2$
78396	1264	84	$\frac{1}{21}$	$\frac{5}{84}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{84}^{16}\ \Phi_{42}^{16}\ \Phi_{28}^{16}\ \Phi_{21}^{12}\ \Phi_{14}^{16}\ \Phi_{12}^{16}\ \Phi_7^{12}\ \Phi_6^{16}\ \Phi_4^{16}\ \Phi_3^{13}\ \Phi_2^{16}\ \Phi_1^{14}$
78397	1264	117	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{38}{117}$	$\frac{1}{3}$	$\Phi_{117}^{10}\ \Phi_{39}^{12}\ \Phi_{13}^{12}\ \Phi_9^{12}\ \Phi_3^{13}\ \Phi_1^{14}$
78398	1264	405	$\frac{2}{81}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{405}^3\ \Phi_{135}^3\ \Phi_{81}^4\ \Phi_{45}^2\ \Phi_{27}^4\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
78399	1264	633	$\frac{3}{211}$	$\frac{52}{211}$	$\frac{53}{211}$	$\frac{1}{3}$	$\Phi_{633}^3\ \Phi_3^2$
78400	1264	936	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{25}{104}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_9^2\ \Phi_8^2$ $\Phi_4^2\ \Phi_3\ \Phi_1^2$
78401	1264	405	$\frac{2}{81}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{405}^3\ \Phi_{135}^3\ \Phi_{81}^4\ \Phi_{45}^3\ \Phi_{27}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_1^4$
78402	1264	585	$\frac{2}{39}$	$\frac{1}{9}$	$\frac{37}{195}$	$\frac{1}{3}$	$\Phi_{585}^3\ \Phi_{195}^2\ \Phi_{65}^2\ \Phi_{45}^3\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
78403	1264	252	$\frac{5}{84}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{84}^{4}\ \Phi_{63}^{6}\ \Phi_{42}^{4}\ \Phi_{36}^{6}\ \Phi_{28}^{4}\ \Phi_{21}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{7}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
78404	1264	819	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{12}{91}$	$\frac{1}{3}$	$\Phi_{819}^{2}\ \Phi_{273}\ \Phi_{91}^{2}\ \Phi_{63}^{2}\ \Phi_{21}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
78405	1264	585	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{38}{117}$	$\Phi_{585}^{3}\ \Phi_{117}^{4}\ \Phi_{45}^{3}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
78406	1264	1632	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
78407	1264	1530	$\frac{1}{17}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}\ \Phi_{170}\ \Phi_{153}\ \Phi_{102}\ \Phi_{85}\ \Phi_{34}$
78408	1264	421	$\frac{9}{421}$	$\frac{103}{421}$	$\frac{105}{421}$	$\frac{106}{421}$	$\Phi_{421}^{3}\ \Phi_{1}^{4}$
78409	1264	520	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{25}{104}$	$\Phi_{520}^{3}\ \Phi_{260}^{3}\ \Phi_{104}^{4}\ \Phi_{52}^{4}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
78410	1264	1700	$\frac{1}{17}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}$
78411	1264	420	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{4}\ \Phi_{70}^{3}\ \Phi_{60}^{3}\ \Phi_{42}^{4}\ \Phi_{35}^{3}\ \Phi_{28}^{4}\ \Phi_{21}^{4}\ \Phi_{20}^{3}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
78412	1264	455	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{455}^{3}\ \Phi_{91}^{4}\ \Phi_{35}^{3}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
78413	1265	504	$\frac{1}{252}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{251}{504}$	$\Phi_{504}\ \Phi_{252}^{4}\ \Phi_{168}\ \Phi_{126}^{4}\ \Phi_{84}^{4}\ \Phi_{72}\ \Phi_{63}^{4}\ \Phi_{56}\ \Phi_{42}^{4}\ \Phi_{36}^{4}\ \Phi_{28}^{4}\ \Phi_{24}\ \Phi_{21}^{4}\ \Phi_{18}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{2}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
78414	1265	1140	$\frac{1}{114}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{113}{228}$	$\Phi_{570}^{2}\ \Phi_{285}^{2}\ \Phi_{228}\ \Phi_{190}^{2}\ \Phi_{114}^{2}\ \Phi_{95}^{2}\ \Phi_{76}\ \Phi_{57}^{2}\ \Phi_{38}^{2}\ \Phi_{30}^{2}\ \Phi_{20}\ \Phi_{19}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
78415	1265	1140	$\frac{1}{114}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{113}{228}$	$\Phi_{1140}^{2}\ \Phi_{380}^{2}\ \Phi_{228}^{3}\ \Phi_{76}^{3}\ \Phi_{60}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
78416	1265	2496	$\frac{17}{1248}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{1231}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{192}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
78417	1265	2496	$\frac{17}{1248}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1231}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{192}\ \Phi_{64}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
78418	1265	1696	$\frac{7}{424}$	$\frac{1}{8}$	$\frac{431}{1696}$	$\frac{417}{848}$	$\Phi_{1696}\ \Phi_{424}\ \Phi_{212}\ \Phi_{106}\ \Phi_{53}\ \Phi_{32}\ \Phi_{1}$
78419	1265	1188	$\frac{1}{54}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{53}{108}$	$\Phi_{594}^{2}\ \Phi_{297}^{2}\ \Phi_{198}^{2}\ \Phi_{108}\ \Phi_{99}^{2}\ \Phi_{66}^{2}\ \Phi_{54}^{2}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}^{2}\ \Phi_{27}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
78420	1265	1188	$\frac{1}{54}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{53}{108}$	$\Phi_{1188}^{2}\ \Phi_{396}^{2}\ \Phi_{132}^{2}\ \Phi_{108}^{3}\ \Phi_{44}^{2}\ \Phi_{36}^{3}\ \Phi_{33}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
78421	1265	224	$\frac{3}{112}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{109}{224}$	$\Phi_{224}^{11}\ \Phi_{32}^{11}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
78422	1265	672	$\frac{3}{112}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{109}{224}$	$\Phi_{672}^{4}\ \Phi_{224}^{3}\ \Phi_{96}^{4}\ \Phi_{32}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
78423	1265	2432	$\frac{49}{1216}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1167}{2432}$	$\Phi_{2432}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
78424	1265	2508	$\frac{2}{57}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{228}\ \Phi_{76}\ \Phi_{57}\ \Phi_{44}\ \Phi_{19}\ \Phi_{4}\ \Phi_{1}$
78425	1265	3564	$\frac{1}{27}$	$\frac{1}{22}$	$\frac{26}{81}$	$\frac{21}{44}$	$\Phi_{3564}\ \Phi_{324}\ \Phi_{81}\ \Phi_{44}\ \Phi_{4}\ \Phi_{1}$
78426	1265	792	$\frac{1}{22}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{21}{44}$	$\Phi_{792}^{2}\ \Phi_{264}^{2}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{3}\ \Phi_{66}^{2}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}^{2}\ \Phi_{24}^{3}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
78427	1265	1188	$\frac{1}{22}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{21}{44}$	$\Phi_{1188}^{2}\ \Phi_{396}^{2}\ \Phi_{132}^{2}\ \Phi_{108}^{2}\ \Phi_{44}^{3}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
78428	1265	132	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{21}{44}$	$\Phi_{132}^{8}\ \Phi_{66}^{10}\ \Phi_{44}^{9}\ \Phi_{33}^{10}\ \Phi_{22}^{10}\ \Phi_{12}^{13}\ \Phi_{11}^{10}\ \Phi_{6}^{14}\ \Phi_{4}^{14}\ \Phi_{3}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
78429	1265	2772	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{21}{44}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{308}\ \Phi_{252}\ \Phi_{84}\ \Phi_{63}\ \Phi_{44}\ \Phi_{28}\ \Phi_{21}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
78430	1265	480	$\frac{13}{240}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{227}{480}$	$\Phi_{480}^{5}\ \Phi_{160}^{5}\ \Phi_{96}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
78431	1265	312	$\frac{1}{24}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{312}^{4}\ \Phi_{156}^{4}\ \Phi_{104}^{3}\ \Phi_{78}^{4}\ \Phi_{52}^{4}\ \Phi_{39}^{4}\ \Phi_{26}^{4}\ \Phi_{24}^{7}\ \Phi_{13}^{4}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
78432	1265	1536	$\frac{15}{256}$	$\frac{1}{16}$	$\frac{271}{1536}$	$\frac{241}{512}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
78433	1265	1664	$\frac{17}{416}$	$\frac{1}{16}$	$\frac{399}{1664}$	$\frac{15}{32}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
78434	1265	1344	$\frac{79}{1344}$	$\frac{1}{16}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
78435	1265	168	$\frac{1}{56}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{168}^{8}\ \Phi_{84}^{8}\ \Phi_{56}^{7}\ \Phi_{42}^{7}\ \Phi_{28}^{8}\ \Phi_{24}^{8}\ \Phi_{21}^{8}\ \Phi_{14}^{6}\ \Phi_{12}^{8}\ \Phi_{8}^{7}\ \Phi_{7}^{7}\ \Phi_{6}^{7}\ \Phi_{4}^{7}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
78436	1265	2304	$\frac{1}{16}$	$\frac{113}{1152}$	$\frac{15}{128}$	$\frac{1039}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
78437	1265	2340	$\frac{2}{117}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{180}\ \Phi_{156}\ \Phi_{117}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{20}\ \Phi_{13}\ \Phi_9\ \Phi_4\ \Phi_1$
78438	1265	3420	$\frac{1}{57}$	$\frac{1}{10}$	$\frac{56}{171}$	$\frac{9}{20}$	$\Phi_{3420}\ \Phi_{684}\ \Phi_{180}\ \Phi_{171}\ \Phi_{36}\ \Phi_{20}\ \Phi_9\ \Phi_4\ \Phi_1$
78439	1265	760	$\frac{1}{38}$	$\frac{1}{10}$	$\frac{37}{152}$	$\frac{9}{20}$	$\Phi_{760}^2\ \Phi_{190}^2\ \Phi_{152}^3\ \Phi_{95}^2\ \Phi_{76}\ \Phi_{40}^2\ \Phi_{38}^2\ \Phi_{20}\ \Phi_{19}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
78440	1265	1140	$\frac{2}{57}$	$\frac{1}{10}$	$\frac{11}{57}$	$\frac{9}{20}$	$\Phi_{1140}^2\ \Phi_{380}^2\ \Phi_{228}^2\ \Phi_{76}^2\ \Phi_{60}^2\ \Phi_{57}^2\ \Phi_{20}^3\ \Phi_{19}^2\ \Phi_{12}^2\ \Phi_4^3\ \Phi_3^2\ \Phi_1^3$
78441	1265	120	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{120}^{10}\ \Phi_{60}^8\ \Phi_{40}^{10}\ \Phi_{30}^{10}\ \Phi_{24}^{15}\ \Phi_{20}^9\ \Phi_{15}^{10}\ \Phi_{12}^{13}\ \Phi_{10}^{10}\ \Phi_8^{15}\ \Phi_6^{14}\ \Phi_5^{10}\ \Phi_4^{14}\ \Phi_3^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
78442	1265	2660	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{18}{133}$	$\frac{9}{20}$	$\Phi_{2660}\ \Phi_{532}\ \Phi_{140}\ \Phi_{133}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_4\ \Phi_1$
78443	1265	1176	$\frac{1}{24}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{168}^2\ \Phi_{147}\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{49}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
78444	1265	224	$\frac{1}{56}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{224}^8\ \Phi_{56}^7\ \Phi_{32}^7\ \Phi_{28}^7\ \Phi_{14}^7\ \Phi_8^6\ \Phi_7^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
78445	1265	192	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{192}^8\ \Phi_{96}^8\ \Phi_{64}^7\ \Phi_{32}^7\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
78446	1265	448	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{29}{224}$	$\frac{195}{448}$	$\Phi_{448}^5\ \Phi_{64}^5\ \Phi_{32}^5\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
78447	1265	96	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{96}^{23}\ \Phi_{32}^{23}\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
78448	1265	280	$\frac{1}{56}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^7\ \Phi_{40}^3\ \Phi_{35}^4\ \Phi_{28}^7\ \Phi_{20}^4\ \Phi_{14}^7\ \Phi_{10}^4\ \Phi_8^6\ \Phi_7^7\ \Phi_5^4\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
78449	1265	1044	$\frac{1}{116}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1044}\ \Phi_{522}\ \Phi_{348}^2\ \Phi_{261}\ \Phi_{174}^2\ \Phi_{116}\ \Phi_{87}^2\ \Phi_{58}\ \Phi_{36}\ \Phi_{29}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
78450	1265	2048	$\frac{15}{256}$	$\frac{1}{16}$	$\frac{241}{1024}$	$\frac{783}{2048}$	$\Phi_{2048}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
78451	1265	2040	$\frac{2}{255}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{255}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{51}\ \Phi_{40}\ \Phi_{17}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
78452	1265	1512	$\frac{1}{126}$	$\frac{1}{4}$	$\frac{125}{378}$	$\frac{3}{8}$	$\Phi_{1512}^2\ \Phi_{378}\ \Phi_{216}^2\ \Phi_{189}\ \Phi_{54}\ \Phi_{27}\ \Phi_8\ \Phi_1$
78453	1265	464	$\frac{1}{116}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{464}^4\ \Phi_{116}^3\ \Phi_{58}^3\ \Phi_{29}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
78454	1265	256	$\frac{3}{256}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{256}^5\ \Phi_{128}^5\ \Phi_{64}^5\ \Phi_{32}^5\ \Phi_{16}^5\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
78455	1265	336	$\frac{1}{84}$	$\frac{83}{336}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{336}^5\ \Phi_{168}\ \Phi_{112}^5\ \Phi_{84}^4\ \Phi_{56}\ \Phi_{48}^5\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}\ \Phi_{21}^4\ \Phi_{16}^5\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_8^2\ \Phi_7^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
78456	1265	2520	$\frac{1}{63}$	$\frac{62}{315}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{120}\ \Phi_{105}\ \Phi_{45}\ \Phi_{40}\ \Phi_{35}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
78457	1265	1032	$\frac{5}{258}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1032}^2\ \Phi_{344}^2\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}\ \Phi_{43}\ \Phi_8\ \Phi_1$
78458	1265	2072	$\frac{6}{259}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2072}\ \Phi_{296}\ \Phi_{259}\ \Phi_{37}\ \Phi_8\ \Phi_1$
78459	1265	1176	$\frac{1}{42}$	$\frac{41}{294}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1176}^2\ \Phi_{392}^2\ \Phi_{294}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_8\ \Phi_1$
78460	1265	288	$\frac{1}{36}$	$\frac{35}{288}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^5\ \Phi_{72}\ \Phi_{48}^5\ \Phi_{36}^4\ \Phi_{32}^5\ \Phi_{24}\ \Phi_{18}^4\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
78461	1265	2088	$\frac{8}{261}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{261}\ \Phi_{232}\ \Phi_{87}\ \Phi_{29}\ \Phi_8\ \Phi_1$
78462	1265	280	$\frac{1}{28}$	$\frac{27}{280}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^5\ \Phi_{140}^5\ \Phi_{70}^5\ \Phi_{56}\ \Phi_{40}^5\ \Phi_{35}^5\ \Phi_{28}^4\ \Phi_{20}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_8^2\ \Phi_7^4\ \Phi_5^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
78463	1265	504	$\frac{5}{126}$	$\frac{11}{126}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^4\ \Phi_{168}^4\ \Phi_{126}^2\ \Phi_{72}^4\ \Phi_{63}^2\ \Phi_{56}^4\ \Phi_{42}^2\ \Phi_{24}^4\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_8^5\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
78464	1265	24	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{24}^{51}\ \Phi_{12}^{54}\ \Phi_8^{52}\ \Phi_6^{54}\ \Phi_4^{54}\ \Phi_3^{54}\ \Phi_2^{54}\ \Phi_1^{55}$
78465	1265	2184	$\frac{1}{21}$	$\frac{20}{273}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{273}\ \Phi_{104}\ \Phi_{91}\ \Phi_{39}\ \Phi_{13}\ \Phi_8\ \Phi_1$
78466	1265	1064	$\frac{13}{266}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1064}^2\ \Phi_{266}\ \Phi_{152}^2\ \Phi_{133}\ \Phi_{38}\ \Phi_{19}\ \Phi_8\ \Phi_1$
78467	1265	1080	$\frac{1}{18}$	$\frac{17}{270}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{270}\ \Phi_{216}^2\ \Phi_{135}\ \Phi_{120}^2\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
78468	1265	504	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^4\ \Phi_{126}^2\ \Phi_{84}^4\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^3\ \Phi_{42}^4\ \Phi_{36}\ \Phi_{28}^3\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
78469	1265	1296	$\frac{31}{1296}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
78470	1265	168	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{168}^{8}\ \Phi_{84}^{7}\ \Phi_{56}^{8}\ \Phi_{42}^{8}\ \Phi_{28}^{7}\ \Phi_{24}^{7}\ \Phi_{21}^{8}\ \Phi_{14}^{7}\ \Phi_{12}^{6}\ \Phi_{8}^{7}\ \Phi_{7}^{7}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
78471	1265	384	$\frac{3}{64}$	$\frac{1}{16}$	$\frac{61}{192}$	$\frac{131}{384}$	$\Phi_{384}^{5}\ \Phi_{128}^{5}\ \Phi_{64}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
78472	1265	348	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{28}{87}$	$\frac{59}{174}$	$\Phi_{348}^{4}\ \Phi_{174}^{3}\ \Phi_{116}^{4}\ \Phi_{87}^{4}\ \Phi_{58}^{3}\ \Phi_{29}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
78473	1265	1896	$\frac{1}{158}$	$\frac{157}{474}$	$\frac{631}{1896}$	$\frac{317}{948}$	$\Phi_{1896}\ \Phi_{632}\ \Phi_{474}\ \Phi_{237}\ \Phi_{24}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
78474	1265	627	$\frac{2}{57}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{627}^{2}\ \Phi_{209}^{2}\ \Phi_{57}^{3}\ \Phi_{33}\ \Phi_{19}^{3}\ \Phi_{3}\ \Phi_{1}$
78475	1265	585	$\frac{2}{117}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{585}^{2}\ \Phi_{195}^{2}\ \Phi_{117}^{3}\ \Phi_{65}^{2}\ \Phi_{45}^{2}\ \Phi_{39}^{3}\ \Phi_{15}\ \Phi_{13}^{3}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$
78476	1265	855	$\frac{1}{57}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{56}{171}$	$\Phi_{855}^{2}\ \Phi_{171}^{3}\ \Phi_{45}^{2}\ \Phi_{15}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$
78477	1265	1872	$\frac{17}{624}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{607}{1872}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{144}\ \Phi_{117}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
78478	1265	891	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{26}{81}$	$\Phi_{891}^{2}\ \Phi_{81}^{3}\ \Phi_{33}\ \Phi_{3}\ \Phi_{1}$
78479	1265	168	$\frac{3}{56}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{53}{168}$	$\Phi_{168}^{7}\ \Phi_{84}^{7}\ \Phi_{56}^{8}\ \Phi_{42}^{7}\ \Phi_{28}^{8}\ \Phi_{24}^{7}\ \Phi_{21}^{7}\ \Phi_{14}^{8}\ \Phi_{12}^{10}\ \Phi_{8}^{8}\ \Phi_{7}^{8}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
78480	1265	128	$\frac{1}{16}$	$\frac{13}{128}$	$\frac{3}{16}$	$\frac{5}{16}$	$\Phi_{128}^{11}\ \Phi_{64}^{11}\ \Phi_{32}^{11}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
78481	1265	79	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{10}{79}$	$\frac{24}{79}$	$\Phi_{79}^{16}\ \Phi_{1}^{17}$
78482	1265	792	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{17}{72}$	$\frac{10}{33}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{132}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{3}\ \Phi_{44}^{2}\ \Phi_{36}^{3}\ \Phi_{33}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
78483	1265	297	$\frac{2}{27}$	$\frac{1}{11}$	$\frac{5}{27}$	$\frac{10}{33}$	$\Phi_{297}^{4}\ \Phi_{99}^{4}\ \Phi_{33}^{5}\ \Phi_{27}^{6}\ \Phi_{11}^{4}\ \Phi_{9}^{6}\ \Phi_{3}^{7}\ \Phi_{1}^{7}$
78484	1265	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{132}^{10}\ \Phi_{66}^{8}\ \Phi_{44}^{10}\ \Phi_{33}^{9}\ \Phi_{22}^{8}\ \Phi_{12}^{15}\ \Phi_{11}^{8}\ \Phi_{6}^{12}\ \Phi_{4}^{15}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
78485	1265	693	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{10}{33}$	$\Phi_{693}^{2}\ \Phi_{231}^{2}\ \Phi_{77}^{2}\ \Phi_{63}^{3}\ \Phi_{33}\ \Phi_{21}^{3}\ \Phi_{7}^{3}\ \Phi_{3}\ \Phi_{1}$
78486	1265	1536	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{271}{1536}$	$\frac{113}{384}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
78487	1265	72	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{72}^{23}\ \Phi_{36}^{23}\ \Phi_{24}^{7}\ \Phi_{18}^{23}\ \Phi_{12}^{7}\ \Phi_{9}^{23}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
78488	1265	312	$\frac{17}{312}$	$\frac{1}{8}$	$\frac{59}{312}$	$\frac{7}{24}$	$\Phi_{312}^{4}\ \Phi_{156}^{4}\ \Phi_{104}^{4}\ \Phi_{78}^{4}\ \Phi_{52}^{4}\ \Phi_{39}^{4}\ \Phi_{26}^{4}\ \Phi_{24}^{5}\ \Phi_{13}^{4}\ \Phi_{12}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
78489	1265	1344	$\frac{79}{1344}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
78490	1265	168	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{168}^{8}\ \Phi_{84}^{8}\ \Phi_{56}^{8}\ \Phi_{42}^{8}\ \Phi_{28}^{8}\ \Phi_{24}^{7}\ \Phi_{21}^{8}\ \Phi_{14}^{3}\ \Phi_{12}^{7}\ \Phi_{8}^{7}\ \Phi_{7}^{5}\ \Phi_{6}^{7}\ \Phi_{4}^{7}\ \Phi_{3}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{5}$
78491	1265	288	$\frac{1}{16}$	$\frac{35}{288}$	$\frac{3}{16}$	$\frac{13}{48}$	$\Phi_{288}^{5}\ \Phi_{144}^{5}\ \Phi_{96}^{5}\ \Phi_{72}^{5}\ \Phi_{36}^{5}\ \Phi_{32}^{5}\ \Phi_{18}^{5}\ \Phi_{16}^{4}\ \Phi_{9}^{5}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
78492	1265	2280	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{37}{152}$	$\frac{4}{15}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{120}\ \Phi_{76}\ \Phi_{60}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
78493	1265	285	$\frac{2}{57}$	$\frac{11}{57}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{285}^{4}\ \Phi_{95}^{4}\ \Phi_{57}^{6}\ \Phi_{19}^{6}\ \Phi_{15}^{5}\ \Phi_{5}^{4}\ \Phi_{3}^{7}\ \Phi_{1}^{7}$
78494	1265	120	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{120}^{10}\ \Phi_{60}^{10}\ \Phi_{40}^{10}\ \Phi_{30}^{8}\ \Phi_{24}^{15}\ \Phi_{20}^{10}\ \Phi_{15}^{9}\ \Phi_{12}^{15}\ \Phi_{10}^{8}\ \Phi_{8}^{15}\ \Phi_{6}^{12}\ \Phi_{5}^{8}\ \Phi_{4}^{15}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
78495	1265	1995	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1995}\ \Phi_{399}\ \Phi_{133}\ \Phi_{105}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
78496	1265	384	$\frac{1}{12}$	$\frac{13}{128}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{384}^{4}\ \Phi_{192}^{4}\ \Phi_{128}^{3}\ \Phi_{96}^{4}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
78497	1265	84	$\frac{1}{12}$	$\frac{3}{28}$	$\frac{5}{28}$	$\frac{1}{4}$	$\Phi_{84}^{16}\ \Phi_{42}^{16}\ \Phi_{28}^{12}\ \Phi_{21}^{16}\ \Phi_{14}^{12}\ \Phi_{12}^{19}\ \Phi_{7}^{12}\ \Phi_{6}^{19}\ \Phi_{4}^{14}\ \Phi_{3}^{19}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
78498	1265	320	$\frac{1}{16}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{67}{320}$	$\Phi_{320}^{5}\ \Phi_{160}^{5}\ \Phi_{64}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
78499	1266	1012	$\frac{1}{253}$	$\frac{127}{506}$	$\frac{379}{1012}$	$\frac{126}{253}$	$\Phi_{1012}^{2}\ \Phi_{253}\ \Phi_{92}^{2}\ \Phi_{44}^{2}\ \Phi_{23}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
78500	1266	420	$\frac{1}{210}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{209}{420}$	$\Phi_{420}^{6}\ \Phi_{140}^{6}\ \Phi_{84}^{6}\ \Phi_{60}^{6}\ \Phi_{28}^{6}\ \Phi_{20}^{6}\ \Phi_{12}^{6}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
78501	1266	420	$\frac{1}{210}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{209}{420}$	$\Phi_{420}^{2}\ \Phi_{210}^{4}\ \Phi_{140}^{2}\ \Phi_{105}^{4}\ \Phi_{84}^{2}\ \Phi_{70}^{4}\ \Phi_{60}^{2}\ \Phi_{42}^{4}\ \Phi_{35}^{4}\ \Phi_{30}^{4}\ \Phi_{28}^{2}\ \Phi_{21}^{4}\ \Phi_{20}^{2}\ \Phi_{15}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{4}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
78502	1266	564	$\frac{1}{141}$	$\frac{1}{4}$	$\frac{71}{282}$	$\frac{70}{141}$	$\Phi_{564}^{3}\ \Phi_{282}\ \Phi_{188}^{3}\ \Phi_{141}^{2}\ \Phi_{94}\ \Phi_{47}^{2}\ \Phi_{12}^{3}\ \Phi_{6}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
78503	1266	1150	$\frac{1}{115}$	$\frac{58}{575}$	$\frac{517}{1150}$	$\frac{57}{115}$	$\Phi_{1150}^{2}\ \Phi_{230}^{2}\ \Phi_{115}\ \Phi_{50}^{2}\ \Phi_{46}^{2}\ \Phi_{23}\ \Phi_{10}^{2}\ \Phi_{5}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
78504	1266	418	$\frac{2}{209}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{207}{418}$	$\Phi_{418}^{6}\ \Phi_{38}^{6}\ \Phi_{22}^{6}\ \Phi_{11}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
78505	1266	2912	$\frac{3}{208}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{205}{416}$	$\Phi_{2912}\ \Phi_{224}\ \Phi_{28}\ \Phi_{14}$
78506	1266	1210	$\frac{1}{55}$	$\frac{28}{605}$	$\frac{577}{1210}$	$\frac{27}{55}$	$\Phi_{1210}^2\ \Phi_{242}^2\ \Phi_{110}^2\ \Phi_{55}\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
78507	1266	414	$\frac{4}{207}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{203}{414}$	$\Phi_{414}^6\ \Phi_{138}^6\ \Phi_{46}^6\ \Phi_{23}\ \Phi_{18}^6\ \Phi_6^6\ \Phi_2^6\ \Phi_1^2$
78508	1266	828	$\frac{4}{207}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{203}{414}$	$\Phi_{828}^2\ \Phi_{276}^2\ \Phi_{207}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{36}^3\ \Phi_{23}^2\ \Phi_{18}\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
78509	1266	414	$\frac{4}{207}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{203}{414}$	$\Phi_{414}^6\ \Phi_{138}^6\ \Phi_{46}^6\ \Phi_{23}\ \Phi_{18}^6\ \Phi_6^6\ \Phi_2^6\ \Phi_1^2$
78510	1266	253	$\frac{5}{253}$	$\frac{42}{253}$	$\frac{43}{253}$	$\frac{124}{253}$	$\Phi_{253}^5\ \Phi_{23}^5\ \Phi_{11}^5\ \Phi_1^6$
78511	1266	940	$\frac{1}{47}$	$\frac{24}{235}$	$\frac{1}{4}$	$\frac{23}{47}$	$\Phi_{940}^2\ \Phi_{470}^2\ \Phi_{188}\ \Phi_{94}\ \Phi_{20}^2\ \Phi_{10}^2$
78512	1266	1232	$\frac{17}{616}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{599}{1232}$	$\Phi_{1232}^2\ \Phi_{176}^2\ \Phi_{112}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
78513	1266	276	$\frac{1}{23}$	$\frac{4}{69}$	$\frac{65}{276}$	$\frac{11}{23}$	$\Phi_{276}^6\ \Phi_{138}^6\ \Phi_{92}^6\ \Phi_{46}^6\ \Phi_{23}\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^2$
78514	1266	230	$\frac{1}{23}$	$\frac{19}{230}$	$\frac{4}{23}$	$\frac{11}{23}$	$\Phi_{230}^6\ \Phi_{115}^6\ \Phi_{46}^6\ \Phi_{23}\ \Phi_{10}^6\ \Phi_5^6\ \Phi_2^6\ \Phi_1^2$
78515	1266	1196	$\frac{1}{23}$	$\frac{35}{598}$	$\frac{11}{46}$	$\frac{563}{1196}$	$\Phi_{1196}^2\ \Phi_{92}^2\ \Phi_{52}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
78516	1266	836	$\frac{6}{209}$	$\frac{1}{11}$	$\frac{203}{836}$	$\frac{5}{11}$	$\Phi_{836}^2\ \Phi_{418}^2\ \Phi_{76}^2\ \Phi_{44}^2\ \Phi_{38}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
78517	1266	220	$\frac{9}{220}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{220}^6\ \Phi_{110}^6\ \Phi_{55}^6\ \Phi_{44}^6\ \Phi_{22}^6\ \Phi_{20}^6\ \Phi_{11}\ \Phi_{10}^6\ \Phi_5^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^2$
78518	1266	385	$\frac{1}{55}$	$\frac{37}{385}$	$\frac{18}{55}$	$\frac{174}{385}$	$\Phi_{385}^3\ \Phi_{77}^3\ \Phi_{55}^5\ \Phi_{35}^3\ \Phi_{11}^5\ \Phi_7^3\ \Phi_5^5\ \Phi_1^6$
78519	1266	216	$\frac{5}{216}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{216}^6\ \Phi_{108}^6\ \Phi_{72}^6\ \Phi_{54}^6\ \Phi_{36}^5\ \Phi_{27}^6\ \Phi_{24}^6\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^6\ \Phi_8^6\ \Phi_6^5\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
78520	1266	736	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{103}{736}$	$\frac{81}{184}$	$\Phi_{736}^2\ \Phi_{368}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{32}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
78521	1266	376	$\frac{1}{47}$	$\frac{23}{188}$	$\frac{1}{4}$	$\frac{165}{376}$	$\Phi_{376}^6\ \Phi_{188}\ \Phi_{94}\ \Phi_8^6$
78522	1266	880	$\frac{1}{55}$	$\frac{27}{220}$	$\frac{247}{880}$	$\frac{193}{440}$	$\Phi_{880}^2\ \Phi_{220}^2\ \Phi_{176}^2\ \Phi_{110}^2\ \Phi_{80}^2\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
78523	1266	1127	$\frac{1}{23}$	$\frac{139}{1127}$	$\frac{22}{161}$	$\frac{494}{1127}$	$\Phi_{1127}\ \Phi_{161}^2\ \Phi_{49}\ \Phi_{23}\ \Phi_7^2\ \Phi_1^2$
78524	1266	368	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{27}{184}$	$\frac{157}{368}$	$\Phi_{368}^6\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{16}^6\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
78525	1266	1100	$\frac{1}{55}$	$\frac{83}{550}$	$\frac{27}{110}$	$\frac{467}{1100}$	$\Phi_{1100}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{100}^2\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
78526	1266	1065	$\frac{2}{213}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1065}\ \Phi_{355}\ \Phi_{213}^2\ \Phi_{71}^2\ \Phi_5\ \Phi_1^2$
78527	1266	315	$\frac{1}{105}$	$\frac{1}{5}$	$\frac{104}{315}$	$\frac{2}{5}$	$\Phi_{315}^6\ \Phi_{63}^6\ \Phi_{45}^6\ \Phi_9^6\ \Phi_5\ \Phi_1^2$
78528	1266	640	$\frac{7}{640}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{640}^2\ \Phi_{320}^2\ \Phi_{160}^2\ \Phi_{128}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
78529	1266	280	$\frac{1}{70}$	$\frac{1}{5}$	$\frac{69}{280}$	$\frac{2}{5}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{56}^6\ \Phi_{40}^6\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_8^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
78530	1266	215	$\frac{4}{215}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{215}^6\ \Phi_{43}^6\ \Phi_5\ \Phi_1^2$
78531	1266	1080	$\frac{5}{216}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}^2\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}^2\ \Phi_{90}\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
78532	1266	1260	$\frac{1}{42}$	$\frac{41}{252}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}^2\ \Phi_{90}\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
78533	1266	1085	$\frac{6}{217}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1085}\ \Phi_{217}^2\ \Phi_{155}\ \Phi_{31}^2\ \Phi_5\ \Phi_1^2$
78534	1266	245	$\frac{1}{35}$	$\frac{34}{245}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{245}^6\ \Phi_{49}^6\ \Phi_5\ \Phi_1^2$
78535	1266	240	$\frac{1}{30}$	$\frac{29}{240}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^6\ \Phi_{60}^6\ \Phi_{48}^6\ \Phi_{40}^6\ \Phi_{24}^6\ \Phi_{20}^6\ \Phi_{16}^6\ \Phi_{12}^6\ \Phi_8^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
78536	1266	220	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{220}^6\ \Phi_{110}^6\ \Phi_{55}^6\ \Phi_{44}^6\ \Phi_{22}^6\ \Phi_{20}^6\ \Phi_{11}^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
78537	1266	700	$\frac{3}{70}$	$\frac{67}{700}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{28}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
78538	1266	1155	$\frac{1}{21}$	$\frac{20}{231}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}^2\ \Phi_{165}\ \Phi_{77}^2\ \Phi_{55}\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
78539	1266	665	$\frac{32}{665}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{665}^2\ \Phi_{133}^2\ \Phi_{95}^2\ \Phi_{19}^2\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
78540	1266	1120	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}^2\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}^2\ \Phi_{80}\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
78541	1266	225	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{225}^6\ \Phi_{75}^6\ \Phi_{45}^6\ \Phi_{25}^6\ \Phi_9^6\ \Phi_5\ \Phi_1^2$
78542	1266	345	$\frac{1}{115}$	$\frac{77}{345}$	$\frac{38}{115}$	$\frac{134}{345}$	$\Phi_{345}^3\ \Phi_{115}^5\ \Phi_{69}^3\ \Phi_{23}^5\ \Phi_{15}^3\ \Phi_5^5\ \Phi_3^3\ \Phi_1^6$
78543	1266	220	$\frac{9}{220}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{220}^6\ \Phi_{110}^6\ \Phi_{55}^6\ \Phi_{44}^4\ \Phi_{22}^6\ \Phi_{20}^6\ \Phi_{11}^5\ \Phi_{10}^6\ \Phi_5^6\ \Phi_4^4\ \Phi_2^6\ \Phi_1^6$
78544	1266	920	$\frac{1}{115}$	$\frac{57}{230}$	$\frac{287}{920}$	$\frac{173}{460}$	$\Phi_{920}^2\ \Phi_{230}^2\ \Phi_{184}^2\ \Phi_{115}\ \Phi_{46}^2\ \Phi_{40}^2\ \Phi_{23}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
78545	1266	1512	$\frac{5}{216}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
78546	1266	330	$\frac{1}{55}$	$\frac{9}{55}$	$\frac{46}{165}$	$\frac{119}{330}$	$\Phi_{330}^6\ \Phi_{110}^6\ \Phi_{66}^6\ \Phi_{55}^5\ \Phi_{30}^6\ \Phi_{22}^6\ \Phi_{11}^5\ \Phi_{10}^6\ \Phi_6^6\ \Phi_5^5\ \Phi_2^6\ \Phi_1^6$
78547	1266	220	$\frac{9}{220}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{220}^6\ \Phi_{110}^6\ \Phi_{55}^5\ \Phi_{44}^6\ \Phi_{22}^6\ \Phi_{20}^6\ \Phi_{11}^5\ \Phi_{10}^6\ \Phi_5^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
78548	1266	322	$\frac{1}{23}$	$\frac{11}{161}$	$\frac{50}{161}$	$\frac{111}{322}$	$\Phi_{322}^6\ \Phi_{161}^2\ \Phi_{46}^6\ \Phi_{23}\ \Phi_{14}^6\ \Phi_7^2\ \Phi_2^6\ \Phi_1^2$
78549	1266	230	$\frac{4}{115}$	$\frac{19}{230}$	$\frac{37}{115}$	$\frac{39}{115}$	$\Phi_{230}^6\ \Phi_{115}^5\ \Phi_{46}^6\ \Phi_{23}^5\ \Phi_{10}^6\ \Phi_5^5\ \Phi_2^6\ \Phi_1^6$
78550	1266	319	$\frac{10}{319}$	$\frac{1}{11}$	$\frac{103}{319}$	$\frac{108}{319}$	$\Phi_{319}^4\ \Phi_{29}^4\ \Phi_{11}^3\ \Phi_1^4$
78551	1266	2226	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{52}{159}$	$\frac{107}{318}$	$\Phi_{2226}\ \Phi_{742}\ \Phi_{371}\ \Phi_{42}\ \Phi_{14}$
78552	1266	253	$\frac{4}{253}$	$\frac{42}{253}$	$\frac{83}{253}$	$\frac{85}{253}$	$\Phi_{253}^5\ \Phi_{23}^5\ \Phi_{11}^5\ \Phi_1^6$
78553	1266	852	$\frac{2}{213}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{852}^2\ \Phi_{426}^2\ \Phi_{284}^2\ \Phi_{142}^2\ \Phi_{12}\ \Phi_6$
78554	1266	1260	$\frac{1}{105}$	$\frac{1}{4}$	$\frac{104}{315}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
78555	1266	840	$\frac{1}{70}$	$\frac{69}{280}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{840}^3\ \Phi_{420}\ \Phi_{210}^2\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
78556	1266	2580	$\frac{4}{215}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{516}\ \Phi_{258}\ \Phi_{12}\ \Phi_6$
78557	1266	2100	$\frac{2}{105}$	$\frac{103}{525}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{350}\ \Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{50}\ \Phi_{12}\ \Phi_6$
78558	1266	216	$\frac{5}{216}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{216}^6\ \Phi_{108}^6\ \Phi_{72}^6\ \Phi_{54}^6\ \Phi_{36}^6\ \Phi_{27}^6\ \Phi_{24}^6\ \Phi_{18}^6\ \Phi_{12}^3\ \Phi_9^6\ \Phi_8^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
78559	1266	252	$\frac{1}{42}$	$\frac{41}{252}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^2\ \Phi_{63}^6\ \Phi_{42}^4\ \Phi_{36}^6\ \Phi_{28}^2\ \Phi_{21}^4\ \Phi_{18}^6\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_9^6\ \Phi_7^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
78560	1266	2604	$\frac{6}{217}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2604}\ \Phi_{1302}\ \Phi_{372}\ \Phi_{186}\ \Phi_{12}\ \Phi_6$
78561	1266	2940	$\frac{1}{35}$	$\frac{34}{245}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{588}\ \Phi_{294}\ \Phi_{12}\ \Phi_6$
78562	1266	1740	$\frac{13}{435}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{348}\ \Phi_{290}\ \Phi_{174}\ \Phi_{116}\ \Phi_{58}\ \Phi_{12}\ \Phi_6$
78563	1266	240	$\frac{1}{30}$	$\frac{29}{240}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^6\ \Phi_{60}^2\ \Phi_{48}^6\ \Phi_{40}^6\ \Phi_{30}^4\ \Phi_{24}^6\ \Phi_{20}^2\ \Phi_{16}^6\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_8^6\ \Phi_6^5\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
78564	1266	660	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{60}\ \Phi_{33}^3\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
78565	1266	1764	$\frac{19}{441}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{126}\ \Phi_{98}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
78566	1266	924	$\frac{1}{21}$	$\frac{20}{231}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{12}\ \Phi_6$
78567	1266	672	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{168}^3\ \Phi_{96}^3\ \Phi_{84}\ \Phi_{48}^3\ \Phi_{42}^2\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
78568	1266	900	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{50}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
78569	1266	2184	$\frac{3}{104}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{101}{312}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{273}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
78570	1266	2484	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{199}{621}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
78571	1266	253	$\frac{10}{253}$	$\frac{42}{253}$	$\frac{43}{253}$	$\frac{81}{253}$	$\Phi_{253}^5\ \Phi_{23}^5\ \Phi_{11}^5\ \Phi_1^6$
78572	1266	308	$\frac{17}{308}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{97}{308}$	$\Phi_{308}^4\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{44}^4\ \Phi_{28}^4\ \Phi_{22}^6\ \Phi_{14}^4\ \Phi_{11}^5\ \Phi_7^4\ \Phi_4^4\ \Phi_2^6\ \Phi_1^6$
78573	1266	276	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{65}{276}$	$\frac{27}{92}$	$\Phi_{276}^6\ \Phi_{138}^6\ \Phi_{92}^2\ \Phi_{69}^6\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^2\ \Phi_1^2$
78574	1266	564	$\frac{1}{47}$	$\frac{23}{94}$	$\frac{1}{4}$	$\frac{71}{282}$	$\Phi_{564}^4\ \Phi_{282}^2\ \Phi_{188}\ \Phi_{141}^2\ \Phi_{94}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
78575	1266	1820	$\frac{3}{52}$	$\frac{1}{7}$	$\frac{49}{260}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
78576	1266	224	$\frac{13}{224}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{224}^6\ \Phi_{112}^5\ \Phi_{56}^5\ \Phi_{32}^6\ \Phi_{28}^6\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
78577	1266	276	$\frac{4}{69}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{65}{276}$	$\Phi_{276}^6\ \Phi_{138}^6\ \Phi_{92}^6\ \Phi_{46}^6\ \Phi_{23}\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^2$
78578	1266	704	$\frac{1}{11}$	$\frac{71}{704}$	$\frac{17}{88}$	$\frac{5}{22}$	$\Phi_{704}^2\ \Phi_{352}^2\ \Phi_{176}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
78579	1266	770	$\frac{1}{11}$	$\frac{17}{154}$	$\frac{137}{770}$	$\frac{5}{22}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{110}^2\ \Phi_{70}^2\ \Phi_{55}^2\ \Phi_{35}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
78580	1266	230	$\frac{19}{230}$	$\frac{3}{23}$	$\frac{4}{23}$	$\frac{5}{23}$	$\Phi_{230}^6\ \Phi_{115}^6\ \Phi_{46}^6\ \Phi_{23}\ \Phi_{10}^6\ \Phi_5^6\ \Phi_2^6\ \Phi_1^2$
78581	1266	246	$\frac{5}{41}$	$\frac{35}{246}$	$\frac{6}{41}$	$\frac{1}{6}$	$\Phi_{246}^5\ \Phi_{123}^5\ \Phi_{82}^5\ \Phi_{41}^6\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^6$
78582	1267	1692	$\frac{2}{423}$	$\frac{425}{1692}$	$\frac{1}{3}$	$\frac{421}{846}$	$\Phi_{1692}\ \Phi_{564}\ \Phi_{423}\ \Phi_{188}\ \Phi_{141}\ \Phi_{47}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
78583	1267	360	$\frac{1}{180}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{179}{360}$	$\Phi_{360}^7\ \Phi_{120}^7\ \Phi_{72}^7\ \Phi_{40}^7\ \Phi_{24}^7\ \Phi_{12}\ \Phi_8^7\ \Phi_4\ \Phi_1$
78584	1267	360	$\frac{1}{180}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{179}{360}$	$\Phi_{360}^7\ \Phi_{120}^7\ \Phi_{72}^7\ \Phi_{40}^7\ \Phi_{24}^7\ \Phi_9\ \Phi_8^7\ \Phi_1$
78585	1267	1410	$\frac{2}{141}$	$\frac{143}{1410}$	$\frac{1}{3}$	$\frac{139}{282}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{470}\ \Phi_{235}\ \Phi_{141}\ \Phi_{47}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
78586	1267	2496	$\frac{19}{1248}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1229}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{192}\ \Phi_{64}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
78587	1267	2484	$\frac{25}{1242}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1217}{2484}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{276}\ \Phi_{108}\ \Phi_{92}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
78588	1267	1400	$\frac{6}{175}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{169}{350}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
78589	1267	208	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{27}{208}$	$\frac{25}{52}$	$\Phi_{208}^7\ \Phi_{104}^5\ \Phi_{52}^6\ \Phi_{26}^5\ \Phi_{16}^7\ \Phi_{13}^5\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
78590	1267	1352	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{157}{338}$	$\Phi_{1352}\ \Phi_{676}\ \Phi_{169}\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_4\ \Phi_1$
78591	1267	392	$\frac{1}{14}$	$\frac{15}{196}$	$\frac{1}{8}$	$\frac{13}{28}$	$\Phi_{392}^4\ \Phi_{196}^3\ \Phi_{98}^3\ \Phi_{56}^2\ \Phi_{49}^3\ \Phi_{28}^2\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
78592	1267	1296	$\frac{29}{1296}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
78593	1267	336	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{1}{8}$	$\frac{155}{336}$	$\Phi_{336}^7\ \Phi_{112}^7\ \Phi_{56}^2\ \Phi_{48}^7\ \Phi_{28}^2\ \Phi_{16}^7\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
78594	1267	2256	$\frac{2}{141}$	$\frac{139}{1128}$	$\frac{1}{3}$	$\frac{989}{2256}$	$\Phi_{2256}\ \Phi_{752}\ \Phi_{141}\ \Phi_{48}\ \Phi_{47}\ \Phi_{16}\ \Phi_1$
78595	1267	211	$\frac{8}{211}$	$\frac{29}{211}$	$\frac{30}{211}$	$\frac{91}{211}$	$\Phi_{211}^6\ \Phi_1^7$
78596	1267	312	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{25}{156}$	$\frac{131}{312}$	$\Phi_{312}^3\ \Phi_{156}^4\ \Phi_{104}^5\ \Phi_{78}^4\ \Phi_{52}^6\ \Phi_{39}^4\ \Phi_{26}^5\ \Phi_{24}^3\ \Phi_{13}^5\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
78597	1267	732	$\frac{2}{183}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{732}^3\ \Phi_{244}^3\ \Phi_{183}\ \Phi_{61}\ \Phi_{12}\ \Phi_4\ \Phi_1$
78598	1267	540	$\frac{1}{90}$	$\frac{1}{6}$	$\frac{89}{270}$	$\frac{5}{12}$	$\Phi_{540}^6\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}^6\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
78599	1267	552	$\frac{3}{184}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{184}^3\ \Phi_{138}^2\ \Phi_{92}^3\ \Phi_{69}^2\ \Phi_{46}^3\ \Phi_{24}^2\ \Phi_{23}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
78600	1267	240	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{59}{240}$	$\frac{5}{12}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{80}^7\ \Phi_{48}^7\ \Phi_{40}^7\ \Phi_{24}^7\ \Phi_{16}^7\ \Phi_{12}\ \Phi_8^7\ \Phi_4\ \Phi_1$
78601	1267	2220	$\frac{4}{185}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{2220}\ \Phi_{740}\ \Phi_{444}\ \Phi_{185}\ \Phi_{148}\ \Phi_{37}\ \Phi_{12}\ \Phi_4\ \Phi_1$
78602	1267	900	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{44}{225}$	$\frac{5}{12}$	$\Phi_{900}^3\ \Phi_{300}^3\ \Phi_{225}\ \Phi_{100}^3\ \Phi_{75}\ \Phi_{25}\ \Phi_{12}\ \Phi_4\ \Phi_1$
78603	1267	1296	$\frac{29}{1296}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
78604	1267	372	$\frac{5}{186}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{372}^6\ \Phi_{186}\ \Phi_{124}^6\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{12}\ \Phi_4\ \Phi_1$
78605	1267	216	$\frac{1}{36}$	$\frac{35}{216}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{216}^7\ \Phi_{108}^7\ \Phi_{72}^7\ \Phi_{54}^7\ \Phi_{27}^7\ \Phi_{24}^7\ \Phi_{12}\ \Phi_8^7\ \Phi_4\ \Phi_1$
78606	1267	420	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}^6\ \Phi_{210}\ \Phi_{140}^6\ \Phi_{105}\ \Phi_{84}^6\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}^6\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
78607	1267	1440	$\frac{7}{180}$	$\frac{173}{1440}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
78608	1267	1320	$\frac{53}{1320}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
78609	1267	756	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{756}^3\ \Phi_{252}^3\ \Phi_{189}\ \Phi_{108}^3\ \Phi_{84}^3\ \Phi_{63}\ \Phi_{28}^3\ \Phi_{27}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
78610	1267	1140	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1140}^2\ \Phi_{380}^2\ \Phi_{228}^2\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}^2\ \Phi_{38}\ \Phi_{19}\ \Phi_{12}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
78611	1267	600	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^3\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}^3\ \Phi_{75}^2\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{25}^3\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
78612	1267	396	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{396}^6\ \Phi_{198}\ \Phi_{132}^6\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}^6\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
78613	1267	192	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{192}^7\ \Phi_{96}^7\ \Phi_{64}^7\ \Phi_{48}^7\ \Phi_{32}^7\ \Phi_{24}^7\ \Phi_{16}^7\ \Phi_{12}\ \Phi_8^7\ \Phi_4\ \Phi_1$
78614	1267	780	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{780}^3\ \Phi_{260}^3\ \Phi_{195}\ \Phi_{156}^3\ \Phi_{65}\ \Phi_{52}^3\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
78615	1267	1296	$\frac{29}{1296}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
78616	1267	1278	$\frac{11}{1278}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1278}\ \Phi_{639}\ \Phi_{426}\ \Phi_{213}\ \Phi_{142}\ \Phi_{71}\ \Phi_9\ \Phi_1$
78617	1267	1908	$\frac{5}{318}$	$\frac{1}{6}$	$\frac{313}{954}$	$\frac{641}{1908}$	$\Phi_{1908}\ \Phi_{636}\ \Phi_{318}\ \Phi_{212}\ \Phi_{159}\ \Phi_{106}\ \Phi_{53}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
78618	1267	549	$\frac{2}{183}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{549}^3\ \Phi_{183}\ \Phi_{61}\ \Phi_9\ \Phi_1$
78619	1267	270	$\frac{1}{90}$	$\frac{2}{9}$	$\frac{89}{270}$	$\frac{1}{3}$	$\Phi_{270}^7\ \Phi_{135}^7\ \Phi_{54}^7\ \Phi_{27}^7\ \Phi_9\ \Phi_1$
78620	1267	1863	$\frac{25}{621}$	$\frac{2}{27}$	$\frac{596}{1863}$	$\frac{1}{3}$	$\Phi_{1863}\ \Phi_{81}\ \Phi_{27}\ \Phi_9\ \Phi_1$
78621	1267	1692	$\frac{2}{141}$	$\frac{139}{564}$	$\frac{425}{1692}$	$\frac{1}{3}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{423}\ \Phi_{141}\ \Phi_{47}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
78622	1267	1656	$\frac{3}{184}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{414}\ \Phi_{207}\ \Phi_{184}\ \Phi_{92}\ \Phi_{72}\ \Phi_{46}\ \Phi_{23}\ \Phi_9\ \Phi_8\ \Phi_1$
78623	1267	720	$\frac{1}{60}$	$\frac{2}{9}$	$\frac{59}{240}$	$\frac{1}{3}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}\ \Phi_{144}^3\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}^3\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
78624	1267	1665	$\frac{4}{185}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1665}\ \Phi_{333}\ \Phi_{185}\ \Phi_{37}\ \Phi_9\ \Phi_1$
78625	1267	225	$\frac{1}{45}$	$\frac{44}{225}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{225}^7\ \Phi_{75}^7\ \Phi_{25}^7\ \Phi_9\ \Phi_1$
78626	1267	1296	$\frac{29}{1296}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
78627	1267	558	$\frac{5}{186}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{558}^3\ \Phi_{279}^3\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_9\ \Phi_1$
78628	1267	216	$\frac{1}{36}$	$\frac{35}{216}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{216}^7\ \Phi_{108}^7\ \Phi_{72}^7\ \Phi_{54}^7\ \Phi_{27}^7\ \Phi_{24}^7\ \Phi_9\ \Phi_8^7\ \Phi_1$
78629	1267	1305	$\frac{38}{1305}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{145}\ \Phi_{87}\ \Phi_{29}\ \Phi_9\ \Phi_1$
78630	1267	630	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}\ \Phi_{126}^3\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}^3\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
78631	1267	1440	$\frac{7}{180}$	$\frac{173}{1440}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
78632	1267	189	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{189}^7\ \Phi_{63}^7\ \Phi_{27}^7\ \Phi_{21}^7\ \Phi_9\ \Phi_7^7\ \Phi_1$
78633	1267	1710	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{342}\ \Phi_{190}\ \Phi_{171}\ \Phi_{95}\ \Phi_{38}\ \Phi_{19}\ \Phi_9\ \Phi_1$
78634	1267	1800	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{100}\ \Phi_{72}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_9\ \Phi_8\ \Phi_1$
78635	1267	198	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{198}^7\ \Phi_{99}^7\ \Phi_{66}^7\ \Phi_{33}^7\ \Phi_{22}^7\ \Phi_{11}^7\ \Phi_9\ \Phi_1$
78636	1267	576	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}\ \Phi_{144}^3\ \Phi_{96}\ \Phi_{72}^3\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
78637	1267	1350	$\frac{83}{1350}$	$\frac{7}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{270}\ \Phi_{225}\ \Phi_{150}\ \Phi_{135}\ \Phi_{75}\ \Phi_{54}\ \Phi_{50}\ \Phi_{27}\ \Phi_{25}\ \Phi_9\ \Phi_1$
78638	1267	585	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{585}^3\ \Phi_{195}\ \Phi_{117}^3\ \Phi_{65}\ \Phi_{39}\ \Phi_{13}\ \Phi_9\ \Phi_1$
78639	1267	1872	$\frac{19}{624}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{605}{1872}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{144}\ \Phi_{117}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
78640	1267	936	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{53}{234}$	$\frac{25}{78}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{234}\ \Phi_{117}\ \Phi_{104}^2\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{36}^2\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
78641	1267	840	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{29}{210}$	$\frac{13}{42}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
78642	1267	504	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{84}$	$\frac{71}{252}$	$\Phi_{504}^4\ \Phi_{252}^3\ \Phi_{126}^3\ \Phi_{72}^4\ \Phi_{63}^3\ \Phi_{56}^2\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{18}^3\ \Phi_{14}\ \Phi_9^3\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
78643	1267	224	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{43}{224}$	$\frac{13}{56}$	$\Phi_{224}^7\ \Phi_{112}^7\ \Phi_{56}^2\ \Phi_{32}^7\ \Phi_{28}^2\ \Phi_{16}^7\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
78644	1267	192	$\frac{11}{192}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{192}^7\ \Phi_{96}^6\ \Phi_{64}^7\ \Phi_{48}^6\ \Phi_{32}^6\ \Phi_{24}^7\ \Phi_{16}^6\ \Phi_{12}^7\ \Phi_8^7\ \Phi_6^6\ \Phi_4^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
78645	1267	1560	$\frac{19}{312}$	$\frac{1}{6}$	$\frac{293}{1560}$	$\frac{5}{24}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}\ \Phi_{65}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
78646	1267	840	$\frac{1}{8}$	$\frac{29}{210}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
78647	1267	211	$\frac{25}{211}$	$\frac{30}{211}$	$\frac{31}{211}$	$\frac{36}{211}$	$\Phi_{211}^6\ \Phi_{1}^7$
78648	1268	1896	$\frac{1}{316}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{315}{632}$	$\Phi_{1896}\ \Phi_{632}^2\ \Phi_{24}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
78649	1268	543	$\frac{1}{181}$	$\frac{91}{543}$	$\frac{226}{543}$	$\frac{90}{181}$	$\Phi_{543}^2\ \Phi_{181}^3\ \Phi_{3}^2\ \Phi_{1}^4$
78650	1268	630	$\frac{2}{315}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{313}{630}$	$\Phi_{630}^4\ \Phi_{210}^4\ \Phi_{126}^4\ \Phi_{90}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_{7}\ \Phi_{6}^4\ \Phi_{2}^4\ \Phi_{1}^2$
78651	1268	630	$\frac{2}{315}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{313}{630}$	$\Phi_{630}^4\ \Phi_{210}^4\ \Phi_{126}^4\ \Phi_{90}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{2}^4$
78652	1268	381	$\frac{1}{127}$	$\frac{64}{381}$	$\frac{1}{3}$	$\frac{63}{127}$	$\Phi_{381}^3\ \Phi_{127}^4\ \Phi_{3}^2\ \Phi_{1}^4$
78653	1268	2120	$\frac{1}{106}$	$\frac{1}{5}$	$\frac{107}{424}$	$\frac{105}{212}$	$\Phi_{2120}\ \Phi_{530}\ \Phi_{265}\ \Phi_{40}\ \Phi_{10}$
78654	1268	3120	$\frac{5}{312}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{307}{624}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{240}\ \Phi_{80}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
78655	1268	364	$\frac{3}{91}$	$\frac{47}{364}$	$\frac{1}{7}$	$\frac{44}{91}$	$\Phi_{364}^4\ \Phi_{182}^4\ \Phi_{91}^2\ \Phi_{52}^4\ \Phi_{28}^4\ \Phi_{26}^4\ \Phi_{14}^4\ \Phi_{13}^2\ \Phi_{7}\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^2$
78656	1268	1225	$\frac{43}{1225}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{591}{1225}$	$\Phi_{1225}\ \Phi_{245}\ \Phi_{175}\ \Phi_{49}^2\ \Phi_{35}\ \Phi_{25}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
78657	1268	343	$\frac{3}{49}$	$\frac{26}{343}$	$\frac{1}{7}$	$\frac{23}{49}$	$\Phi_{343}^4\ \Phi_{49}^2\ \Phi_{7}\ \Phi_{1}^2$
78658	1268	1183	$\frac{6}{91}$	$\frac{85}{1183}$	$\frac{1}{7}$	$\frac{549}{1183}$	$\Phi_{1183}\ \Phi_{169}\ \Phi_{91}^2\ \Phi_{13}^2\ \Phi_{7}\ \Phi_{1}^2$
78659	1268	588	$\frac{3}{49}$	$\frac{23}{294}$	$\frac{1}{7}$	$\frac{271}{588}$	$\Phi_{588}^4\ \Phi_{196}^4\ \Phi_{84}^4\ \Phi_{49}^2\ \Phi_{28}^4\ \Phi_{12}^4\ \Phi_{7}\ \Phi_{4}^4\ \Phi_{1}^2$
78660	1268	945	$\frac{4}{315}$	$\frac{1}{7}$	$\frac{311}{945}$	$\frac{3}{7}$	$\Phi_{945}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{27}^2\ \Phi_{7}\ \Phi_{1}^2$
78661	1268	322	$\frac{5}{322}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{322}^4\ \Phi_{161}^4\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{14}^4\ \Phi_{7}\ \Phi_{2}^4\ \Phi_{1}^2$
78662	1268	420	$\frac{2}{105}$	$\frac{1}{7}$	$\frac{103}{420}$	$\frac{3}{7}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{7}\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^2$
78663	1268	651	$\frac{17}{651}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{651}^2\ \Phi_{217}^2\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{7}\ \Phi_{1}^2$
78664	1268	378	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{61}{378}$	$\frac{3}{7}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{126}^4\ \Phi_{54}^4\ \Phi_{42}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{7}\ \Phi_{6}^4\ \Phi_{2}^4\ \Phi_{1}^2$
78665	1268	735	$\frac{4}{105}$	$\frac{101}{735}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}^2\ \Phi_{49}^2\ \Phi_{7}\ \Phi_{1}^2$
78666	1268	665	$\frac{31}{665}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{665}^2\ \Phi_{133}^2\ \Phi_{95}^2\ \Phi_{19}^2\ \Phi_{7}\ \Phi_{1}^2$
78667	1268	336	$\frac{19}{336}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{48}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{8}^4\ \Phi_{7}\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^2$
78668	1268	350	$\frac{2}{35}$	$\frac{33}{350}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{350}^4\ \Phi_{175}^4\ \Phi_{70}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_{7}\ \Phi_{2}^4\ \Phi_{1}^2$
78669	1268	693	$\frac{4}{63}$	$\frac{59}{693}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}^2\ \Phi_{77}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_{7}\ \Phi_{1}^2$
78670	1268	546	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{44}{273}$	$\frac{229}{546}$	$\Phi_{546}^4\ \Phi_{182}^4\ \Phi_{91}^2\ \Phi_{78}^4\ \Phi_{42}^4\ \Phi_{26}^4\ \Phi_{14}^4\ \Phi_{13}^2\ \Phi_{7}\ \Phi_{6}^4\ \Phi_{2}^4\ \Phi_{1}^2$
78671	1268	1620	$\frac{7}{324}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
78672	1268	530	$\frac{1}{53}$	$\frac{52}{265}$	$\frac{1}{5}$	$\frac{213}{530}$	$\Phi_{530}^4\ \Phi_{265}\ \Phi_{106}^4\ \Phi_{10}^4\ \Phi_{2}^4$
78673	1268	960	$\frac{3}{320}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{6}^2$
78674	1268	1524	$\frac{1}{127}$	$\frac{63}{254}$	$\frac{1}{3}$	$\frac{191}{508}$	$\Phi_{1524}^2\ \Phi_{381}\ \Phi_{12}^2$
78675	1268	474	$\frac{1}{158}$	$\frac{157}{474}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{474}^3\ \Phi_{237}^3\ \Phi_{158}^2\ \Phi_{79}^2\ \Phi_{6}^3\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
78676	1268	960	$\frac{3}{320}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}^2\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
78677	1268	1185	$\frac{1}{79}$	$\frac{78}{395}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1185}\ \Phi_{395}^2\ \Phi_{15}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
78678	1268	945	$\frac{4}{315}$	$\frac{1}{5}$	$\frac{311}{945}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{27}^2\ \Phi_{15}$
78679	1268	645	$\frac{11}{645}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{645}^2\ \Phi_{215}^2\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
78680	1268	420	$\frac{2}{105}$	$\frac{1}{5}$	$\frac{103}{420}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
78681	1268	1620	$\frac{7}{324}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
78682	1268	1890	$\frac{2}{63}$	$\frac{61}{378}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{270}\ \Phi_{210}\ \Phi_{135}\ \Phi_{90}\ \Phi_{70}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
78683	1268	735	$\frac{4}{105}$	$\frac{101}{735}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}^2\ \Phi_{49}^2\ \Phi_{15}$
78684	1268	330	$\frac{13}{330}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{55}^4\ \Phi_{33}^4\ \Phi_{30}^4\ \Phi_{22}^4\ \Phi_{15}\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
78685	1268	360	$\frac{2}{45}$	$\frac{43}{360}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
78686	1268	1995	$\frac{31}{665}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{399}\ \Phi_{285}\ \Phi_{57}\ \Phi_{15}$
78687	1268	1680	$\frac{19}{336}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
78688	1268	1050	$\frac{2}{35}$	$\frac{33}{350}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{210}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
78689	1268	675	$\frac{41}{675}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}^2\ \Phi_{75}^2\ \Phi_{27}^2\ \Phi_{25}^2\ \Phi_{15}$
78690	1268	2340	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{151}{468}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
78691	1268	819	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{185}{819}$	$\frac{88}{273}$	$\Phi_{819}^2\ \Phi_{117}^2\ \Phi_{91}^2\ \Phi_{63}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
78692	1268	735	$\frac{3}{49}$	$\frac{101}{735}$	$\frac{1}{7}$	$\frac{46}{147}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{105}^2\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
78693	1268	441	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{23}{147}$	$\frac{124}{441}$	$\Phi_{441}^4\ \Phi_{63}^4\ \Phi_{49}^2\ \Phi_9^4\ \Phi_7\ \Phi_1^2$
78694	1268	392	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{75}{392}$	$\frac{23}{98}$	$\Phi_{392}^4\ \Phi_{196}^4\ \Phi_{56}^4\ \Phi_{49}^2\ \Phi_{28}^4\ \Phi_8^4\ \Phi_7\ \Phi_4^4\ \Phi_1^2$
78695	1268	1680	$\frac{19}{336}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
78696	1268	390	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{73}{390}$	$\frac{1}{5}$	$\Phi_{390}^3\ \Phi_{195}^3\ \Phi_{130}^3\ \Phi_{78}^4\ \Phi_{65}^3\ \Phi_{39}^4\ \Phi_{30}^4\ \Phi_{26}^4\ \Phi_{15}^4\ \Phi_{13}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
78697	1268	735	$\frac{6}{49}$	$\frac{101}{735}$	$\frac{1}{7}$	$\frac{43}{245}$	$\Phi_{735}^2\ \Phi_{245}\ \Phi_{147}^2\ \Phi_{105}^2\ \Phi_{49}^2\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
78698	1269	2528	$\frac{5}{1264}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1259}{2528}$	$\Phi_{2528}\ \Phi_{32}\ \Phi_8\ \Phi_1$
78699	1269	1696	$\frac{3}{424}$	$\frac{1}{4}$	$\frac{427}{1696}$	$\frac{421}{848}$	$\Phi_{1696}\ \Phi_{424}\ \Phi_{212}\ \Phi_{106}\ \Phi_{53}\ \Phi_{32}\ \Phi_8\ \Phi_1$
78700	1269	560	$\frac{1}{140}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{139}{280}$	$\Phi_{560}^4\ \Phi_{280}\ \Phi_{112}^4\ \Phi_{80}^4\ \Phi_{56}\ \Phi_{40}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
78701	1269	280	$\frac{1}{140}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{139}{280}$	$\Phi_{280}^9\ \Phi_{56}^9\ \Phi_{40}^9\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
78702	1269	832	$\frac{7}{416}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{409}{832}$	$\Phi_{832}^3\ \Phi_{64}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
78703	1269	1196	$\frac{1}{46}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{45}{92}$	$\Phi_{598}^2\ \Phi_{299}^2\ \Phi_{92}\ \Phi_{52}\ \Phi_{46}^2\ \Phi_{26}^2\ \Phi_{23}^2\ \Phi_{13}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
78704	1269	1196	$\frac{1}{46}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{45}{92}$	$\Phi_{1196}^2\ \Phi_{92}^3\ \Phi_{52}^2\ \Phi_{13}^2\ \Phi_4^3\ \Phi_1^3$
78705	1269	460	$\frac{1}{46}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{45}{92}$	$\Phi_{460}^2\ \Phi_{230}^4\ \Phi_{115}^4\ \Phi_{92}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{20}^4\ \Phi_{10}^5\ \Phi_5^5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
78706	1269	3588	$\frac{1}{26}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{25}{52}$	$\Phi_{3588}\ \Phi_{276}\ \Phi_{156}\ \Phi_{69}\ \Phi_{52}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
78707	1269	1260	$\frac{1}{28}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
78708	1269	448	$\frac{1}{28}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{448}^4\ \Phi_{112}^4\ \Phi_{64}^3\ \Phi_{56}^4\ \Phi_{28}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
78709	1269	616	$\frac{1}{28}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{616}^4\ \Phi_{88}^3\ \Phi_{56}^4\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
78710	1269	84	$\frac{1}{28}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{84}^{15}\ \Phi_{42}^{16}\ \Phi_{28}^{14}\ \Phi_{21}^{16}\ \Phi_{14}^{15}\ \Phi_{12}^{15}\ \Phi_7^{15}\ \Phi_6^{15}\ \Phi_4^{14}\ \Phi_3^{15}\ \Phi_2^{14}\ \Phi_1^{15}$
78711	1269	560	$\frac{1}{70}$	$\frac{1}{8}$	$\frac{23}{70}$	$\frac{7}{16}$	$\Phi_{560}^4\ \Phi_{112}^4\ \Phi_{80}^4\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{16}^5\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
78712	1269	48	$\frac{1}{48}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{48}^{27}\ \Phi_{24}^{27}\ \Phi_{16}^{24}\ \Phi_{12}^{27}\ \Phi_8^{27}\ \Phi_6^{27}\ \Phi_4^{26}\ \Phi_3^{27}\ \Phi_2^{26}\ \Phi_1^{27}$
78713	1269	2320	$\frac{4}{145}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{2320}\ \Phi_{464}\ \Phi_{145}\ \Phi_{29}\ \Phi_{16}\ \Phi_1$
78714	1269	2800	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{34}{175}$	$\frac{7}{16}$	$\Phi_{2800}\ \Phi_{400}\ \Phi_{175}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
78715	1269	112	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{9}{56}$	$\frac{7}{16}$	$\Phi_{112}^{20}\ \Phi_{56}^{3}\ \Phi_{28}^{2}\ \Phi_{16}^{21}\ \Phi_{14}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
78716	1269	784	$\frac{2}{49}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{784}^{3}\ \Phi_{112}^{2}\ \Phi_{49}^{3}\ \Phi_{16}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
78717	1269	160	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{160}^{9}\ \Phi_{80}^{5}\ \Phi_{40}^{9}\ \Phi_{32}^{9}\ \Phi_{20}^{8}\ \Phi_{16}^{6}\ \Phi_{10}^{8}\ \Phi_{8}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
78718	1269	400	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{400}^{6}\ \Phi_{80}^{4}\ \Phi_{50}^{3}\ \Phi_{25}^{3}\ \Phi_{16}^{5}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
78719	1269	1232	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1232}^{2}\ \Phi_{176}^{2}\ \Phi_{154}\ \Phi_{77}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
78720	1269	1484	$\frac{1}{53}$	$\frac{52}{371}$	$\frac{1}{4}$	$\frac{319}{742}$	$\Phi_{1484}\ \Phi_{371}\ \Phi_{212}^{2}\ \Phi_{106}\ \Phi_{53}\ \Phi_{28}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
78721	1269	560	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{560}^{4}\ \Phi_{112}^{4}\ \Phi_{80}^{3}\ \Phi_{56}^{4}\ \Phi_{28}^{3}\ \Phi_{16}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
78722	1269	2120	$\frac{3}{212}$	$\frac{209}{1060}$	$\frac{1}{4}$	$\frac{851}{2120}$	$\Phi_{2120}\ \Phi_{424}\ \Phi_{212}\ \Phi_{106}\ \Phi_{53}\ \Phi_{40}\ \Phi_{8}\ \Phi_{1}$
78723	1269	632	$\frac{5}{632}$	$\frac{1}{4}$	$\frac{209}{632}$	$\frac{3}{8}$	$\Phi_{632}^{2}\ \Phi_{316}^{2}\ \Phi_{158}^{2}\ \Phi_{79}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
78724	1269	1280	$\frac{11}{1280}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
78725	1269	96	$\frac{1}{48}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{96}^{16}\ \Phi_{48}^{11}\ \Phi_{32}^{15}\ \Phi_{24}^{11}\ \Phi_{16}^{10}\ \Phi_{12}^{11}\ \Phi_{8}^{11}\ \Phi_{6}^{11}\ \Phi_{4}^{10}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
78726	1269	336	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{112}^{4}\ \Phi_{84}^{4}\ \Phi_{56}^{4}\ \Phi_{48}^{3}\ \Phi_{42}^{4}\ \Phi_{28}^{4}\ \Phi_{24}^{3}\ \Phi_{21}^{4}\ \Phi_{16}^{3}\ \Phi_{14}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
78727	1269	504	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{504}^{4}\ \Phi_{168}^{4}\ \Phi_{84}^{4}\ \Phi_{72}^{3}\ \Phi_{56}^{4}\ \Phi_{42}^{4}\ \Phi_{28}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{4}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
78728	1269	212	$\frac{1}{106}$	$\frac{1}{4}$	$\frac{35}{106}$	$\frac{71}{212}$	$\Phi_{212}^{5}\ \Phi_{106}^{7}\ \Phi_{53}^{7}\ \Phi_{4}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
78729	1269	756	$\frac{1}{28}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{756}^{2}\ \Phi_{378}^{2}\ \Phi_{252}\ \Phi_{189}^{2}\ \Phi_{126}\ \Phi_{108}^{2}\ \Phi_{84}^{2}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}^{2}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
78730	1269	420	$\frac{1}{28}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{4}\ \Phi_{70}^{3}\ \Phi_{60}^{2}\ \Phi_{42}^{4}\ \Phi_{35}^{3}\ \Phi_{30}^{2}\ \Phi_{28}^{3}\ \Phi_{21}^{4}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
78731	1269	140	$\frac{1}{70}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{23}{70}$	$\Phi_{140}^{8}\ \Phi_{70}^{10}\ \Phi_{35}^{10}\ \Phi_{28}^{8}\ \Phi_{20}^{8}\ \Phi_{14}^{10}\ \Phi_{10}^{10}\ \Phi_{7}^{10}\ \Phi_{5}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
78732	1269	317	$\frac{5}{317}$	$\frac{71}{317}$	$\frac{82}{317}$	$\frac{104}{317}$	$\Phi_{317}^{4}\ \Phi_{1}^{5}$
78733	1269	424	$\frac{7}{424}$	$\frac{95}{424}$	$\frac{1}{4}$	$\frac{139}{424}$	$\Phi_{424}^{3}\ \Phi_{212}^{3}\ \Phi_{106}^{3}\ \Phi_{53}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
78734	1269	208	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{67}{208}$	$\Phi_{208}^{6}\ \Phi_{104}^{6}\ \Phi_{52}^{6}\ \Phi_{26}^{6}\ \Phi_{16}^{6}\ \Phi_{13}^{6}\ \Phi_{8}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
78735	1269	897	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{22}{69}$	$\Phi_{897}^{2}\ \Phi_{69}^{3}\ \Phi_{39}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
78736	1269	1380	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{22}{69}$	$\Phi_{1380}^{2}\ \Phi_{690}\ \Phi_{345}\ \Phi_{276}\ \Phi_{69}\ \Phi_{60}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
78737	1269	48	$\frac{1}{48}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{48}^{27}\ \Phi_{24}^{27}\ \Phi_{16}^{27}\ \Phi_{12}^{27}\ \Phi_{8}^{27}\ \Phi_{6}^{27}\ \Phi_{4}^{20}\ \Phi_{3}^{27}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
78738	1269	560	$\frac{3}{140}$	$\frac{137}{560}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{112}^{3}\ \Phi_{80}^{3}\ \Phi_{56}^{3}\ \Phi_{40}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
78739	1269	580	$\frac{4}{145}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{580}^{2}\ \Phi_{290}^{2}\ \Phi_{145}^{3}\ \Phi_{116}^{2}\ \Phi_{58}^{2}\ \Phi_{29}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
78740	1269	700	$\frac{1}{35}$	$\frac{34}{175}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{700}^{2}\ \Phi_{350}^{2}\ \Phi_{175}^{3}\ \Phi_{100}^{2}\ \Phi_{50}^{2}\ \Phi_{25}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
78741	1269	56	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{56}^{27}\ \Phi_{28}^{18}\ \Phi_{14}^{18}\ \Phi_{8}^{27}\ \Phi_{7}^{18}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
78742	1269	440	$\frac{17}{440}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{440}^{3}\ \Phi_{220}^{3}\ \Phi_{110}^{3}\ \Phi_{88}^{3}\ \Phi_{55}^{3}\ \Phi_{44}^{3}\ \Phi_{40}^{3}\ \Phi_{22}^{3}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
78743	1269	196	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{196}^{6}\ \Phi_{98}^{6}\ \Phi_{49}^{9}\ \Phi_{28}^{4}\ \Phi_{14}^{4}\ \Phi_{7}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
78744	1269	160	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{160}^{9}\ \Phi_{80}^{9}\ \Phi_{40}^{9}\ \Phi_{32}^{9}\ \Phi_{16}^{9}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
78745	1269	448	$\frac{25}{448}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{448}^{3}\ \Phi_{224}^{3}\ \Phi_{112}^{3}\ \Phi_{64}^{3}\ \Phi_{56}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
78746	1269	100	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{100}^{12}\ \Phi_{50}^{15}\ \Phi_{25}^{15}\ \Phi_{20}^{8}\ \Phi_{10}^{10}\ \Phi_{5}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
78747	1269	308	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{308}^{4}\ \Phi_{154}^{5}\ \Phi_{77}^{5}\ \Phi_{44}^{4}\ \Phi_{22}^{5}\ \Phi_{11}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
78748	1269	448	$\frac{25}{448}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{448}^{3}\ \Phi_{224}^{3}\ \Phi_{112}^{3}\ \Phi_{64}^{3}\ \Phi_{56}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
78749	1269	520	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{97}{520}$	$\frac{1}{4}$	$\Phi_{520}^{3}\ \Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{65}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
78750	1270	1266	$\frac{2}{633}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{631}{1266}$	$\Phi_{1266}^{2}\ \Phi_{422}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
78751	1270	2024	$\frac{1}{253}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{126}{253}$	$\Phi_{2024}\ \Phi_{253}\ \Phi_{184}\ \Phi_{88}\ \Phi_{23}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
78752	1270	2544	$\frac{1}{212}$	$\frac{213}{848}$	$\frac{1}{3}$	$\frac{211}{424}$	$\Phi_{2544}\ \Phi_{636}\ \Phi_{318}\ \Phi_{159}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
78753	1270	3792	$\frac{3}{632}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{629}{1264}$	$\Phi_{3792}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
78754	1270	1128	$\frac{1}{141}$	$\frac{71}{564}$	$\frac{493}{1128}$	$\frac{70}{141}$	$\Phi_{1128}^2\ \Phi_{376}^2\ \Phi_{141}\ \Phi_{47}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
78755	1270	846	$\frac{1}{141}$	$\frac{211}{846}$	$\frac{71}{282}$	$\frac{70}{141}$	$\Phi_{846}^2\ \Phi_{423}^2\ \Phi_{141}\ \Phi_{47}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
78756	1270	252	$\frac{1}{126}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{125}{252}$	$\Phi_{252}^{10}\ \Phi_{84}^{10}\ \Phi_{36}^{10}\ \Phi_{28}^{10}\ \Phi_{12}^{10}\ \Phi_9\ \Phi_4^{10}\ \Phi_3\ \Phi_1^2$
78757	1270	252	$\frac{1}{126}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{125}{252}$	$\Phi_{252}^{10}\ \Phi_{84}^{10}\ \Phi_{36}^{10}\ \Phi_{28}^{10}\ \Phi_{12}^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
78758	1270	510	$\frac{1}{85}$	$\frac{1}{6}$	$\frac{43}{170}$	$\frac{42}{85}$	$\Phi_{510}^3\ \Phi_{255}^3\ \Phi_{170}\ \Phi_{102}^3\ \Phi_{85}^2\ \Phi_{51}^3\ \Phi_{34}\ \Phi_{30}^3\ \Phi_{17}^2\ \Phi_{15}^3\ \Phi_{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
78759	1270	750	$\frac{2}{125}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{123}{250}$	$\Phi_{750}^2\ \Phi_{375}^2\ \Phi_{150}^2\ \Phi_{125}^2\ \Phi_{75}^2\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{15}^3\ \Phi_{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
78760	1270	1248	$\frac{11}{624}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{613}{1248}$	$\Phi_{1248}^2\ \Phi_{416}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
78761	1270	306	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{26}{153}$	$\frac{25}{51}$	$\Phi_{306}^6\ \Phi_{153}^4\ \Phi_{102}^3\ \Phi_{51}^2\ \Phi_{34}^3\ \Phi_{18}^6\ \Phi_{17}^2\ \Phi_9^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
78762	1270	1222	$\frac{1}{47}$	$\frac{24}{611}$	$\frac{587}{1222}$	$\frac{23}{47}$	$\Phi_{1222}^2\ \Phi_{94}^2\ \Phi_{47}\ \Phi_{26}^2\ \Phi_2^2\ \Phi_1^2$
78763	1270	1242	$\frac{14}{621}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{607}{1242}$	$\Phi_{1242}^2\ \Phi_{414}^2\ \Phi_{138}^2\ \Phi_{54}^2\ \Phi_{46}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
78764	1270	2728	$\frac{3}{124}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{121}{248}$	$\Phi_{2728}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
78765	1270	243	$\frac{1}{27}$	$\frac{11}{243}$	$\frac{26}{81}$	$\frac{116}{243}$	$\Phi_{243}^5\ \Phi_{81}^6\ \Phi_{27}^5\ \Phi_9^5\ \Phi_3^5\ \Phi_1^6$
78766	1270	243	$\frac{11}{243}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{116}{243}$	$\Phi_{243}^5\ \Phi_{81}^5\ \Phi_{27}^7\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
78767	1270	240	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{113}{240}$	$\Phi_{240}^{10}\ \Phi_{80}^{10}\ \Phi_{48}^{10}\ \Phi_{30}^3\ \Phi_{16}^{10}\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
78768	1270	2640	$\frac{7}{120}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{113}{240}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
78769	1270	408	$\frac{1}{17}$	$\frac{9}{136}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{408}^4\ \Phi_{204}^4\ \Phi_{136}^2\ \Phi_{102}^3\ \Phi_{68}^2\ \Phi_{51}^3\ \Phi_{34}\ \Phi_{24}^4\ \Phi_{17}^2\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
78770	1270	864	$\frac{1}{27}$	$\frac{13}{216}$	$\frac{229}{864}$	$\frac{203}{432}$	$\Phi_{864}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
78771	1270	141	$\frac{3}{47}$	$\frac{14}{141}$	$\frac{5}{47}$	$\frac{22}{47}$	$\Phi_{141}^{10}\ \Phi_{47}^7\ \Phi_3^{10}\ \Phi_1^8$
78772	1270	270	$\frac{8}{135}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{270}^6\ \Phi_{135}^4\ \Phi_{90}^6\ \Phi_{54}^6\ \Phi_{45}^4\ \Phi_{30}^3\ \Phi_{27}^4\ \Phi_{18}^6\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_9^4\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
78773	1270	714	$\frac{1}{17}$	$\frac{8}{119}$	$\frac{1}{6}$	$\frac{111}{238}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{119}^2\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{42}^2\ \Phi_{34}\ \Phi_{21}^2\ \Phi_{17}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
78774	1270	1188	$\frac{1}{27}$	$\frac{41}{594}$	$\frac{13}{54}$	$\frac{553}{1188}$	$\Phi_{1188}^2\ \Phi_{396}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
78775	1270	235	$\frac{2}{47}$	$\frac{19}{235}$	$\frac{9}{47}$	$\frac{108}{235}$	$\Phi_{235}^5\ \Phi_{47}^7\ \Phi_5^5\ \Phi_1^8$
78776	1270	648	$\frac{13}{648}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
78777	1270	3498	$\frac{1}{53}$	$\frac{52}{583}$	$\frac{1}{3}$	$\frac{531}{1166}$	$\Phi_{3498}\ \Phi_{318}\ \Phi_{159}\ \Phi_{66}\ \Phi_6$
78778	1270	387	$\frac{2}{129}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{387}^3\ \Phi_{129}^4\ \Phi_{43}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
78779	1270	189	$\frac{1}{63}$	$\frac{1}{9}$	$\frac{62}{189}$	$\frac{4}{9}$	$\Phi_{189}^{10}\ \Phi_{27}^{10}\ \Phi_9\ \Phi_3\ \Phi_1^2$
78780	1270	648	$\frac{13}{648}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
78781	1270	504	$\frac{1}{42}$	$\frac{1}{9}$	$\frac{41}{168}$	$\frac{4}{9}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^4\ \Phi_{84}^4\ \Phi_{72}^3\ \Phi_{56}^4\ \Phi_{36}^3\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_9\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
78782	1270	396	$\frac{5}{132}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^4\ \Phi_{99}^3\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{36}^3\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{12}^4\ \Phi_{11}^4\ \Phi_9\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
78783	1270	756	$\frac{5}{126}$	$\frac{1}{9}$	$\frac{121}{756}$	$\frac{4}{9}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
78784	1270	1197	$\frac{6}{133}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{171}\ \Phi_{133}^2\ \Phi_{57}\ \Phi_{19}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
78785	1270	441	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{20}{147}$	$\frac{4}{9}$	$\Phi_{441}^{3}\ \Phi_{147}^{4}\ \Phi_{49}^{4}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
78786	1270	144	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{17}{144}$	$\frac{4}{9}$	$\Phi_{144}^{10}\ \Phi_{72}^{10}\ \Phi_{48}^{10}\ \Phi_{36}^{10}\ \Phi_{24}^{10}\ \Phi_{16}^{10}\ \Phi_{12}^{10}\ \Phi_{9}\ \Phi_{8}^{10}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{1}^{2}$
78787	1270	135	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{135}^{10}\ \Phi_{45}^{10}\ \Phi_{27}^{10}\ \Phi_{15}^{10}\ \Phi_{9}\ \Phi_{5}^{10}\ \Phi_{3}\ \Phi_{1}^{2}$
78788	1270	1260	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}^{2}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}^{2}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
78789	1270	693	$\frac{5}{63}$	$\frac{58}{693}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{693}^{2}\ \Phi_{231}^{2}\ \Phi_{99}^{2}\ \Phi_{77}^{2}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
78790	1270	1134	$\frac{1}{27}$	$\frac{68}{567}$	$\frac{13}{81}$	$\frac{499}{1134}$	$\Phi_{1134}^{2}\ \Phi_{378}^{2}\ \Phi_{162}^{2}\ \Phi_{126}^{2}\ \Phi_{81}^{2}\ \Phi_{54}^{2}\ \Phi_{42}^{2}\ \Phi_{27}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{9}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
78791	1270	1128	$\frac{1}{47}$	$\frac{71}{564}$	$\frac{23}{94}$	$\frac{493}{1128}$	$\Phi_{1128}^{2}\ \Phi_{376}^{2}\ \Phi_{94}^{2}\ \Phi_{47}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
78792	1270	2464	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{15}{112}$	$\frac{97}{224}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
78793	1270	1113	$\frac{2}{159}$	$\frac{157}{1113}$	$\frac{1}{3}$	$\frac{478}{1113}$	$\Phi_{1113}\ \Phi_{371}\ \Phi_{159}^{2}\ \Phi_{53}^{2}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
78794	1270	216	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{19}{108}$	$\frac{89}{216}$	$\Phi_{216}^{10}\ \Phi_{108}^{2}\ \Phi_{72}^{10}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{27}\ \Phi_{24}^{10}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}^{10}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
78795	1270	135	$\frac{8}{135}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{135}^{10}\ \Phi_{45}^{10}\ \Phi_{27}^{7}\ \Phi_{15}^{10}\ \Phi_{9}^{7}\ \Phi_{5}^{10}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
78796	1270	141	$\frac{2}{47}$	$\frac{14}{141}$	$\frac{9}{47}$	$\frac{19}{47}$	$\Phi_{141}^{10}\ \Phi_{47}^{7}\ \Phi_{3}^{10}\ \Phi_{1}^{8}$
78797	1270	636	$\frac{1}{106}$	$\frac{21}{106}$	$\frac{1}{3}$	$\frac{85}{212}$	$\Phi_{636}^{5}\ \Phi_{318}\ \Phi_{159}\ \Phi_{12}^{5}\ \Phi_{6}$
78798	1270	390	$\frac{3}{130}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{390}^{4}\ \Phi_{195}^{4}\ \Phi_{130}^{2}\ \Phi_{78}^{4}\ \Phi_{65}^{2}\ \Phi_{39}^{4}\ \Phi_{30}^{3}\ \Phi_{26}^{2}\ \Phi_{15}^{3}\ \Phi_{13}^{2}\ \Phi_{10}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
78799	1270	752	$\frac{1}{47}$	$\frac{117}{752}$	$\frac{23}{94}$	$\frac{71}{188}$	$\Phi_{752}^{2}\ \Phi_{376}^{2}\ \Phi_{94}^{2}\ \Phi_{47}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
78800	1270	204	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{25}{102}$	$\frac{77}{204}$	$\Phi_{204}^{10}\ \Phi_{102}^{3}\ \Phi_{68}^{10}\ \Phi_{51}^{2}\ \Phi_{34}^{3}\ \Phi_{17}^{2}\ \Phi_{12}^{10}\ \Phi_{6}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
78801	1270	384	$\frac{1}{128}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{384}^{5}\ \Phi_{192}^{5}\ \Phi_{96}^{5}\ \Phi_{48}^{5}\ \Phi_{24}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
78802	1270	264	$\frac{5}{132}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^{8}\ \Phi_{132}^{2}\ \Phi_{88}^{7}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{8}\ \Phi_{22}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{8}^{8}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
78803	1270	552	$\frac{1}{23}$	$\frac{11}{138}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{552}^{4}\ \Phi_{184}^{3}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{24}^{4}\ \Phi_{23}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
78804	1270	987	$\frac{1}{47}$	$\frac{46}{329}$	$\frac{283}{987}$	$\frac{352}{987}$	$\Phi_{987}\ \Phi_{329}^{2}\ \Phi_{141}\ \Phi_{47}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
78805	1270	972	$\frac{1}{27}$	$\frac{13}{162}$	$\frac{149}{486}$	$\frac{337}{972}$	$\Phi_{972}^{2}\ \Phi_{324}^{2}\ \Phi_{162}^{2}\ \Phi_{108}^{2}\ \Phi_{81}^{2}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{27}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
78806	1270	2112	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{31}{96}$	$\frac{65}{192}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
78807	1270	954	$\frac{1}{159}$	$\frac{158}{477}$	$\frac{1}{3}$	$\frac{319}{954}$	$\Phi_{954}^{2}\ \Phi_{318}^{2}\ \Phi_{159}^{2}\ \Phi_{106}^{2}\ \Phi_{53}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
78808	1270	258	$\frac{2}{129}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{258}^{6}\ \Phi_{129}^{4}\ \Phi_{86}^{6}\ \Phi_{43}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
78809	1270	948	$\frac{3}{316}$	$\frac{1}{4}$	$\frac{313}{948}$	$\frac{1}{3}$	$\Phi_{948}\ \Phi_{474}\ \Phi_{316}^{2}\ \Phi_{237}\ \Phi_{158}^{2}\ \Phi_{79}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
78810	1270	378	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{62}{189}$	$\frac{1}{3}$	$\Phi_{378}^{6}\ \Phi_{189}^{4}\ \Phi_{54}^{6}\ \Phi_{27}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
78811	1270	936	$\frac{11}{312}$	$\frac{1}{12}$	$\frac{301}{936}$	$\frac{1}{3}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{234}^{2}\ \Phi_{117}^{2}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
78812	1270	648	$\frac{13}{648}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{648}^{2}\ \Phi_{324}^{2}\ \Phi_{216}^{2}\ \Phi_{162}^{2}\ \Phi_{108}^{2}\ \Phi_{81}^{2}\ \Phi_{72}^{2}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
78813	1270	168	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{41}{168}$	$\frac{1}{3}$	$\Phi_{168}^{10}\ \Phi_{84}^{10}\ \Phi_{56}^{10}\ \Phi_{28}^{10}\ \Phi_{24}^{10}\ \Phi_{12}^{10}\ \Phi_{8}^{10}\ \Phi_{6}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
78814	1270	672	$\frac{37}{672}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{224}^{2}\ \Phi_{168}^{2}\ \Phi_{112}^{2}\ \Phi_{96}^{2}\ \Phi_{84}^{2}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{32}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
78815	1270	522	$\frac{7}{261}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{522}^{3}\ \Phi_{261}^{2}\ \Phi_{174}^{3}\ \Phi_{87}^{2}\ \Phi_{58}^{3}\ \Phi_{29}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
78816	1270	630	$\frac{2}{63}$	$\frac{1}{6}$	$\frac{61}{315}$	$\frac{1}{3}$	$\Phi_{630}^{3}\ \Phi_{315}^{2}\ \Phi_{210}^{3}\ \Phi_{105}^{2}\ \Phi_{90}^{3}\ \Phi_{70}^{3}\ \Phi_{45}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
78817	1270	156	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{29}{156}$	$\frac{1}{3}$	$\Phi_{156}^{8}\ \Phi_{78}^{8}\ \Phi_{52}^{8}\ \Phi_{39}^{8}\ \Phi_{26}^{8}\ \Phi_{13}^{8}\ \Phi_{12}^{10}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{9}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
78818	1270	132	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{132}^{10}\ \Phi_{66}^{10}\ \Phi_{44}^{10}\ \Phi_{33}^{10}\ \Phi_{22}^{10}\ \Phi_{12}^{10}\ \Phi_{11}^{10}\ \Phi_{6}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
78819	1270	756	$\frac{5}{126}$	$\frac{121}{756}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
78820	1270	798	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{798}^2\ \Phi_{399}\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{114}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
78821	1270	294	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{294}^6\ \Phi_{147}^4\ \Phi_{98}^6\ \Phi_{49}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
78822	1270	672	$\frac{37}{672}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
78823	1270	144	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{144}^{10}\ \Phi_{72}^{10}\ \Phi_{48}^{10}\ \Phi_{36}^{10}\ \Phi_{24}^{10}\ \Phi_{16}^{10}\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
78824	1270	270	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{270}^6\ \Phi_{135}^4\ \Phi_{90}^6\ \Phi_{54}^6\ \Phi_{45}^4\ \Phi_{30}^6\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
78825	1270	546	$\frac{19}{273}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{546}^3\ \Phi_{273}^2\ \Phi_{182}^3\ \Phi_{91}^2\ \Phi_{78}^3\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
78826	1270	420	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^4\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^4\ \Phi_{60}^3\ \Phi_{35}^4\ \Phi_{30}^3\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^4\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
78827	1270	750	$\frac{4}{125}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{121}{375}$	$\Phi_{750}^2\ \Phi_{375}\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{125}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
78828	1270	729	$\frac{1}{27}$	$\frac{94}{729}$	$\frac{55}{243}$	$\frac{26}{81}$	$\Phi_{729}^2\ \Phi_{243}\ \Phi_{81}^2\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
78829	1270	162	$\frac{1}{27}$	$\frac{11}{81}$	$\frac{35}{162}$	$\frac{26}{81}$	$\Phi_{162}^{10}\ \Phi_{81}^6\ \Phi_{54}^{10}\ \Phi_{27}^5\ \Phi_{18}^{10}\ \Phi_9^5\ \Phi_6^{10}\ \Phi_3^5\ \Phi_2^{10}\ \Phi_1^6$
78830	1270	180	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{53}{180}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{45}^{10}\ \Phi_{36}^{10}\ \Phi_{30}^3\ \Phi_{18}^{10}\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_9^{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
78831	1270	1584	$\frac{1}{11}$	$\frac{17}{144}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{99}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
78832	1270	714	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{1}{6}$	$\frac{103}{357}$	$\Phi_{714}^2\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{102}^3\ \Phi_{51}^2\ \Phi_{42}^2\ \Phi_{34}^3\ \Phi_{21}\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
78833	1270	135	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{135}^{10}\ \Phi_{45}^{10}\ \Phi_{27}^6\ \Phi_{15}^{10}\ \Phi_9^9\ \Phi_5^{10}\ \Phi_3^9\ \Phi_1^{10}$
78834	1270	846	$\frac{1}{47}$	$\frac{23}{94}$	$\frac{211}{846}$	$\frac{71}{282}$	$\Phi_{846}^2\ \Phi_{423}^2\ \Phi_{94}^2\ \Phi_{47}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
78835	1270	150	$\frac{1}{15}$	$\frac{23}{150}$	$\frac{1}{6}$	$\frac{7}{30}$	$\Phi_{150}^{10}\ \Phi_{75}^{10}\ \Phi_{50}^{10}\ \Phi_{30}^3\ \Phi_{25}^{10}\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
78836	1270	162	$\frac{2}{27}$	$\frac{11}{81}$	$\frac{5}{27}$	$\frac{35}{162}$	$\Phi_{162}^{10}\ \Phi_{81}^5\ \Phi_{54}^{10}\ \Phi_{27}^7\ \Phi_{18}^{10}\ \Phi_9^7\ \Phi_6^{10}\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^8$
78837	1270	1760	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{160}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
78838	1270	141	$\frac{14}{141}$	$\frac{16}{141}$	$\frac{25}{141}$	$\frac{29}{141}$	$\Phi_{141}^9\ \Phi_{47}^9\ \Phi_3^9\ \Phi_1^{10}$
78839	1270	1650	$\frac{21}{275}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{10}$
78840	1270	150	$\frac{2}{25}$	$\frac{23}{150}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{150}^8\ \Phi_{75}^8\ \Phi_{50}^8\ \Phi_{30}^9\ \Phi_{25}^{10}\ \Phi_{15}^9\ \Phi_{10}^9\ \Phi_6^8\ \Phi_5^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
78841	1271	2032	$\frac{1}{254}$	$\frac{255}{1016}$	$\frac{761}{2032}$	$\frac{253}{508}$	$\Phi_{2032}\ \Phi_{508}\ \Phi_{16}\ \Phi_4\ \Phi_1$
78842	1271	2520	$\frac{11}{1260}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1249}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{72}\ \Phi_{56}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
78843	1271	2520	$\frac{11}{1260}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1249}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{72}\ \Phi_{56}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
78844	1271	1700	$\frac{4}{425}$	$\frac{1}{5}$	$\frac{429}{1700}$	$\frac{421}{850}$	$\Phi_{1700}\ \Phi_{425}\ \Phi_{340}\ \Phi_{100}\ \Phi_{85}\ \Phi_{68}\ \Phi_{25}\ \Phi_{20}\ \Phi_{17}\ \Phi_4\ \Phi_1$
78845	1271	1530	$\frac{4}{255}$	$\frac{259}{1530}$	$\frac{1}{5}$	$\frac{251}{510}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{306}\ \Phi_{255}\ \Phi_{153}\ \Phi_{90}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}\ \Phi_{18}\ \Phi_{17}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
78846	1271	2500	$\frac{21}{1250}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1229}{2500}$	$\Phi_{2500}\ \Phi_{500}\ \Phi_{100}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
78847	1271	240	$\frac{1}{40}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{39}{80}$	$\Phi_{240}^{10}\ \Phi_{80}^{11}\ \Phi_{60}\ \Phi_{48}^{10}\ \Phi_{20}\ \Phi_{16}^{11}\ \Phi_{12}\ \Phi_4\ \Phi_1$
78848	1271	2640	$\frac{1}{40}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{176}\ \Phi_{80}\ \Phi_{33}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
78849	1271	720	$\frac{1}{40}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{39}{80}$	$\Phi_{720}^5\ \Phi_{144}^5\ \Phi_{80}\ \Phi_{45}\ \Phi_{16}\ \Phi_9\ \Phi_1$
78850	1271	80	$\frac{1}{40}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{39}{80}$	$\Phi_{80}^{31}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}^{31}\ \Phi_8\ \Phi_4\ \Phi_1$
78851	1271	560	$\frac{1}{40}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{39}{80}$	$\Phi_{560}^5\ \Phi_{112}^5\ \Phi_{80}\ \Phi_{35}\ \Phi_{16}\ \Phi_7\ \Phi_1$
78852	1271	720	$\frac{1}{40}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{39}{80}$	$\Phi_{720}^4\ \Phi_{240}^2\ \Phi_{144}^4\ \Phi_{80}^3\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
78853	1271	60	$\frac{1}{30}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{29}{60}$	$\Phi_{60}^{22}\ \Phi_{30}^{21}\ \Phi_{20}^{21}\ \Phi_{15}^{21}\ \Phi_{12}^{22}\ \Phi_{10}^{20}\ \Phi_6^{21}\ \Phi_5^{20}\ \Phi_4^{21}\ \Phi_3^{21}\ \Phi_2^{20}\ \Phi_1^{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
78854	1271	660	$\frac{1}{30}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{44}^3\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{20}\ \Phi_{12}\ \Phi_{11}^3\ \Phi_4\ \Phi_1$
78855	1271	180	$\frac{1}{30}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{29}{60}$	$\Phi_{180}^{15}\ \Phi_{60}^{11}\ \Phi_{45}\ \Phi_{36}^{15}\ \Phi_{20}^{11}\ \Phi_{15}\ \Phi_{12}^{11}\ \Phi_9\ \Phi_4^{11}\ \Phi_3\ \Phi_1$
78856	1271	300	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{29}{60}$	$\Phi_{300}^{10}\ \Phi_{100}^{10}\ \Phi_{60}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
78857	1271	240	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{29}{60}$	$\Phi_{240}^6\ \Phi_{120}^4\ \Phi_{80}^6\ \Phi_{60}^5\ \Phi_{48}^7\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{16}^7\ \Phi_{15}^4\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^5\ \Phi_5^4\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
78858	1271	1360	$\frac{4}{85}$	$\frac{89}{1360}$	$\frac{1}{5}$	$\frac{81}{170}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{272}\ \Phi_{136}\ \Phi_{85}\ \Phi_{80}\ \Phi_{68}\ \Phi_{40}\ \Phi_{20}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
78859	1271	1248	$\frac{1}{32}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}^2\ \Phi_{52}\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
78860	1271	1350	$\frac{4}{75}$	$\frac{79}{1350}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{270}\ \Phi_{225}\ \Phi_{135}\ \Phi_{90}\ \Phi_{75}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
78861	1271	2400	$\frac{4}{75}$	$\frac{71}{1200}$	$\frac{1}{5}$	$\frac{1129}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{75}\ \Phi_{32}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
78862	1271	2400	$\frac{71}{1200}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1129}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
78863	1271	2380	$\frac{4}{85}$	$\frac{81}{1190}$	$\frac{1}{5}$	$\frac{1109}{2380}$	$\Phi_{2380}\ \Phi_{476}\ \Phi_{340}\ \Phi_{140}\ \Phi_{85}\ \Phi_{68}\ \Phi_{28}\ \Phi_{20}\ \Phi_{17}\ \Phi_4\ \Phi_1$
78864	1271	224	$\frac{1}{32}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{224}^6\ \Phi_{112}^6\ \Phi_{56}^5\ \Phi_{32}^5\ \Phi_{28}^6\ \Phi_{16}^5\ \Phi_{14}^5\ \Phi_8^4\ \Phi_7^5\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
78865	1271	1680	$\frac{11}{420}$	$\frac{1}{10}$	$\frac{409}{1680}$	$\frac{9}{20}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
78866	1271	1320	$\frac{49}{1320}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
78867	1271	1440	$\frac{11}{180}$	$\frac{1}{10}$	$\frac{169}{1440}$	$\frac{9}{20}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
78868	1271	1400	$\frac{11}{140}$	$\frac{129}{1400}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{100}\ \Phi_{56}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
78869	1271	168	$\frac{1}{42}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{168}^{14}\ \Phi_{84}^2\ \Phi_{56}^{13}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}^{14}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8^{13}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
78870	1271	2240	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{151}{1120}$	$\frac{969}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
78871	1271	288	$\frac{1}{32}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{288}^4\ \Phi_{144}^4\ \Phi_{96}^6\ \Phi_{72}^3\ \Phi_{48}^6\ \Phi_{36}^4\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{18}^4\ \Phi_{16}^5\ \Phi_{12}^6\ \Phi_9^4\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
78872	1271	1300	$\frac{29}{1300}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{325}\ \Phi_{260}\ \Phi_{130}\ \Phi_{100}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}\ \Phi_{25}\ \Phi_{20}\ \Phi_{13}\ \Phi_4\ \Phi_1$
78873	1271	96	$\frac{1}{32}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{96}^{14}\ \Phi_{48}^{13}\ \Phi_{32}^{13}\ \Phi_{24}^{13}\ \Phi_{16}^{12}\ \Phi_{12}^{14}\ \Phi_8^{12}\ \Phi_6^{13}\ \Phi_4^{13}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
78874	1271	1120	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}^2\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}^2\ \Phi_{80}\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
78875	1271	2040	$\frac{4}{255}$	$\frac{1}{5}$	$\frac{251}{1020}$	$\frac{769}{2040}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{255}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{51}\ \Phi_{40}\ \Phi_{24}\ \Phi_{17}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
78876	1271	1290	$\frac{19}{1290}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{430}\ \Phi_{258}\ \Phi_{215}\ \Phi_{129}\ \Phi_{86}\ \Phi_{43}\ \Phi_{15}\ \Phi_3\ \Phi_1$
78877	1271	336	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{336}^6\ \Phi_{168}^2\ \Phi_{112}^6\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^5\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}^5\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
78878	1271	1920	$\frac{9}{320}$	$\frac{1}{10}$	$\frac{311}{960}$	$\frac{649}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
78879	1271	660	$\frac{1}{20}$	$\frac{2}{33}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}^3\ \Phi_6\ \Phi_3\ \Phi_1$
78880	1271	132	$\frac{2}{33}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^9\ \Phi_{66}^9\ \Phi_{44}^{10}\ \Phi_{33}^{10}\ \Phi_{22}^{10}\ \Phi_{12}^{10}\ \Phi_{11}^{11}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
78881	1271	495	$\frac{2}{33}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{495}^3\ \Phi_{165}^2\ \Phi_{99}^3\ \Phi_{55}^2\ \Phi_{45}\ \Phi_{33}^3\ \Phi_{15}\ \Phi_{11}^3\ \Phi_9\ \Phi_3\ \Phi_1$
78882	1271	1650	$\frac{2}{33}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{275}\ \Phi_{50}\ \Phi_{33}\ \Phi_{25}\ \Phi_{11}\ \Phi_1$
78883	1271	528	$\frac{2}{33}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{528}^3\ \Phi_{264}^2\ \Phi_{176}^3\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}^3\ \Phi_6\ \Phi_3\ \Phi_1$
78884	1271	1890	$\frac{11}{630}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{619}{1890}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{54}\ \Phi_{27}\ \Phi_{15}\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
78885	1271	1875	$\frac{21}{625}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{604}{1875}$	$\Phi_{1875}\ \Phi_{375}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
78886	1271	180	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{19}{60}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}\ \Phi_{45}^{11}\ \Phi_{36}^{10}\ \Phi_{30}\ \Phi_{18}^{10}\ \Phi_{15}\ \Phi_{12}\ \Phi_9^{11}\ \Phi_6\ \Phi_3\ \Phi_1$
78887	1271	120	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{19}{60}$	$\Phi_{120}^{20}\ \Phi_{60}^{11}\ \Phi_{40}\ \Phi_{30}^{11}\ \Phi_{24}^{20}\ \Phi_{20}\ \Phi_{15}^{11}\ \Phi_{12}^{11}\ \Phi_8\ \Phi_6^{11}\ \Phi_4\ \Phi_3^{11}\ \Phi_1$
78888	1271	420	$\frac{1}{20}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{19}{60}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{105}^{5}\ \Phi_{84}^{5}\ \Phi_{60}\ \Phi_{42}^{5}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}^{5}\ \Phi_{15}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
78889	1271	180	$\frac{1}{20}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{19}{60}$	$\Phi_{180}^{8}\ \Phi_{90}^{8}\ \Phi_{60}^{5}\ \Phi_{45}^{8}\ \Phi_{36}^{9}\ \Phi_{30}^{5}\ \Phi_{20}^{4}\ \Phi_{18}^{9}\ \Phi_{15}^{5}\ \Phi_{12}^{6}\ \Phi_{10}^{4}\ \Phi_9^{9}\ \Phi_6^{5}\ \Phi_5^{4}\ \Phi_4^{5}\ \Phi_3^{5}\ \Phi_2^{4}\ \Phi_1^{5}$
78890	1271	1980	$\frac{1}{15}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{45}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_9\ \Phi_1$
78891	1271	45	$\frac{1}{15}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{14}{45}$	$\Phi_{45}^{27}\ \Phi_{15}^{31}\ \Phi_9^{27}\ \Phi_5^{30}\ \Phi_3^{31}\ \Phi_1^{31}$
78892	1271	450	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{14}{45}$	$\Phi_{450}^{5}\ \Phi_{225}^{5}\ \Phi_{50}\ \Phi_{45}\ \Phi_{25}\ \Phi_9\ \Phi_1$
78893	1271	720	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{14}{45}$	$\Phi_{720}^{3}\ \Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{144}^{3}\ \Phi_{90}^{2}\ \Phi_{72}^{2}\ \Phi_{48}\ \Phi_{45}^{3}\ \Phi_{36}^{2}\ \Phi_{24}\ \Phi_{18}^{2}\ \Phi_{16}\ \Phi_{12}\ \Phi_9^{3}\ \Phi_6\ \Phi_3\ \Phi_1$
78894	1271	1440	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{169}{1440}$	$\frac{71}{240}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
78895	1271	1800	$\frac{4}{75}$	$\frac{71}{600}$	$\frac{1}{5}$	$\frac{529}{1800}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{180}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
78896	1271	1785	$\frac{4}{85}$	$\frac{81}{595}$	$\frac{1}{5}$	$\frac{514}{1785}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{105}\ \Phi_{85}\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}\ \Phi_{15}\ \Phi_3\ \Phi_1$
78897	1271	864	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{864}^{2}\ \Phi_{432}^{2}\ \Phi_{216}^{2}\ \Phi_{108}^{2}\ \Phi_{96}^{2}\ \Phi_{54}\ \Phi_{48}^{2}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
78898	1271	1305	$\frac{34}{1305}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{145}\ \Phi_{87}\ \Phi_{29}\ \Phi_{15}\ \Phi_3\ \Phi_1$
78899	1271	1680	$\frac{11}{420}$	$\frac{1}{5}$	$\frac{409}{1680}$	$\frac{4}{15}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
78900	1271	1575	$\frac{11}{315}$	$\frac{304}{1575}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{225}\ \Phi_{175}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
78901	1271	1320	$\frac{49}{1320}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_8\ \Phi_3\ \Phi_1$
78902	1271	1470	$\frac{11}{210}$	$\frac{199}{1470}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{294}\ \Phi_{245}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{15}\ \Phi_3\ \Phi_1$
78903	1271	1350	$\frac{79}{1350}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{270}\ \Phi_{225}\ \Phi_{150}\ \Phi_{135}\ \Phi_{75}\ \Phi_{54}\ \Phi_{50}\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
78904	1271	1440	$\frac{11}{180}$	$\frac{169}{1440}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
78905	1271	1365	$\frac{94}{1365}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{91}\ \Phi_{65}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_3\ \Phi_1$
78906	1271	440	$\frac{3}{44}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{440}^{4}\ \Phi_{220}^{2}\ \Phi_{110}^{2}\ \Phi_{88}^{4}\ \Phi_{55}^{2}\ \Phi_{44}^{3}\ \Phi_{40}\ \Phi_{22}^{3}\ \Phi_{20}\ \Phi_{11}^{3}\ \Phi_8\ \Phi_4\ \Phi_1$
78907	1271	1540	$\frac{3}{44}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}\ \Phi_{35}\ \Phi_{22}\ \Phi_{11}\ \Phi_7\ \Phi_1$
78908	1271	396	$\frac{3}{44}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{396}^{4}\ \Phi_{198}^{4}\ \Phi_{132}^{2}\ \Phi_{99}^{4}\ \Phi_{66}^{2}\ \Phi_{44}^{3}\ \Phi_{36}\ \Phi_{33}^{2}\ \Phi_{22}^{3}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}^{3}\ \Phi_9\ \Phi_4\ \Phi_1$
78909	1271	1500	$\frac{4}{75}$	$\frac{229}{1500}$	$\frac{1}{5}$	$\frac{71}{300}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
78910	1271	360	$\frac{4}{45}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{40}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}^{5}\ \Phi_{72}^{5}\ \Phi_{60}^{5}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}^{5}\ \Phi_{24}^{5}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^{5}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
78911	1271	200	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{9}{40}$	$\Phi_{200}^{10}\ \Phi_{100}^{10}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
78912	1271	240	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{9}{40}$	$\Phi_{240}^{6}\ \Phi_{120}^{6}\ \Phi_{80}^{6}\ \Phi_{60}^{6}\ \Phi_{48}^{7}\ \Phi_{40}\ \Phi_{30}^{6}\ \Phi_{24}^{7}\ \Phi_{20}\ \Phi_{16}^{7}\ \Phi_{15}^{6}\ \Phi_{12}^{7}\ \Phi_8\ \Phi_6^{7}\ \Phi_4\ \Phi_3^{7}\ \Phi_1$
78913	1271	1600	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{400}$	$\frac{329}{1600}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
78914	1271	315	$\frac{4}{45}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{315}^{5}\ \Phi_{105}^{5}\ \Phi_{63}^{5}\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}^{5}\ \Phi_{15}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1$
78915	1271	350	$\frac{1}{10}$	$\frac{4}{35}$	$\frac{9}{50}$	$\frac{1}{5}$	$\Phi_{350}^{5}\ \Phi_{175}^{5}\ \Phi_{50}\ \Phi_{35}\ \Phi_{25}\ \Phi_7\ \Phi_1$
78916	1271	1375	$\frac{104}{1375}$	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\Phi_{1375}\ \Phi_{275}\ \Phi_{55}\ \Phi_{25}\ \Phi_{11}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
78917	1271	180	$\frac{4}{45}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{180}^{8}\ \Phi_{90}^{5}\ \Phi_{60}^{8}\ \Phi_{45}^{6}\ \Phi_{36}^{9}\ \Phi_{30}^{6}\ \Phi_{20}^{8}\ \Phi_{18}^{6}\ \Phi_{15}^{7}\ \Phi_{12}^{9}\ \Phi_{10}^{6}\ \Phi_{9}^{7}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{9}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
78918	1271	1500	$\frac{21}{250}$	$\frac{229}{1500}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
78919	1271	1680	$\frac{4}{35}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{5}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{210}\ \Phi_{168}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
78920	1271	900	$\frac{1}{10}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{9}{50}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}^{2}\ \Phi_{225}^{2}\ \Phi_{100}^{2}\ \Phi_{50}\ \Phi_{36}\ \Phi_{25}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
78921	1271	144	$\frac{1}{8}$	$\frac{5}{36}$	$\frac{7}{48}$	$\frac{1}{6}$	$\Phi_{144}^{12}\ \Phi_{72}^{8}\ \Phi_{48}^{7}\ \Phi_{36}^{9}\ \Phi_{24}^{5}\ \Phi_{18}^{9}\ \Phi_{16}^{7}\ \Phi_{12}^{6}\ \Phi_{9}^{9}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
78922	1272	951	$\frac{1}{317}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{158}{317}$	$\Phi_{951}\ \Phi_{317}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
78923	1272	1271	$\frac{5}{1271}$	$\frac{319}{1271}$	$\frac{476}{1271}$	$\frac{633}{1271}$	$\Phi_{1271}\ \Phi_{41}\ \Phi_{31}\ \Phi_{1}^{2}$
78924	1272	1911	$\frac{3}{637}$	$\frac{160}{637}$	$\frac{1}{3}$	$\frac{317}{637}$	$\Phi_{1911}\ \Phi_{273}\ \Phi_{147}\ \Phi_{39}\ \Phi_{21}$
78925	1272	1055	$\frac{1}{211}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{105}{211}$	$\Phi_{1055}\ \Phi_{211}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
78926	1272	2532	$\frac{1}{211}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{105}{211}$	$\Phi_{2532}\ \Phi_{1266}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
78927	1272	1271	$\frac{7}{1271}$	$\frac{213}{1271}$	$\frac{529}{1271}$	$\frac{632}{1271}$	$\Phi_{1271}\ \Phi_{41}\ \Phi_{31}\ \Phi_{1}^{2}$
78928	1272	2212	$\frac{1}{158}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{157}{316}$	$\Phi_{2212}\ \Phi_{316}^{2}\ \Phi_{28}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
78929	1272	4740	$\frac{1}{158}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{157}{316}$	$\Phi_{4740}\ \Phi_{60}\ \Phi_{15}$
78930	1272	1700	$\frac{3}{425}$	$\frac{1}{4}$	$\frac{107}{425}$	$\frac{211}{425}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{340}\ \Phi_{170}\ \Phi_{100}\ \Phi_{68}\ \Phi_{50}\ \Phi_{34}\ \Phi_{20}\ \Phi_{10}$
78931	1272	1271	$\frac{9}{1271}$	$\frac{317}{1271}$	$\frac{320}{1271}$	$\frac{631}{1271}$	$\Phi_{1271}\ \Phi_{41}\ \Phi_{31}\ \Phi_{1}^{2}$
78932	1272	1911	$\frac{5}{637}$	$\frac{107}{637}$	$\frac{1}{3}$	$\frac{316}{637}$	$\Phi_{1911}\ \Phi_{273}\ \Phi_{147}\ \Phi_{39}\ \Phi_{21}$
78933	1272	1155	$\frac{1}{105}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{52}{105}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}^{2}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}^{2}\ \Phi_{33}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
78934	1272	105	$\frac{1}{105}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{52}{105}$	$\Phi_{105}^{12}\ \Phi_{35}^{12}\ \Phi_{21}^{13}\ \Phi_{15}^{12}\ \Phi_{7}^{12}\ \Phi_{5}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
78935	1272	1155	$\frac{1}{105}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{52}{105}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}^{2}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}^{2}\ \Phi_{33}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
78936	1272	420	$\frac{1}{105}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{52}{105}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{84}^{4}\ \Phi_{70}^{4}\ \Phi_{60}^{4}\ \Phi_{42}^{4}\ \Phi_{30}^{4}\ \Phi_{28}^{4}\ \Phi_{20}^{5}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
78937	1272	1271	$\frac{13}{1271}$	$\frac{107}{1271}$	$\frac{582}{1271}$	$\frac{629}{1271}$	$\Phi_{1271}\ \Phi_{41}\ \Phi_{31}\ \Phi_{1}^{2}$
78938	1272	546	$\frac{1}{91}$	$\frac{23}{182}$	$\frac{1}{3}$	$\frac{45}{91}$	$\Phi_{546}^{4}\ \Phi_{273}^{3}\ \Phi_{78}^{4}\ \Phi_{42}^{4}\ \Phi_{39}^{3}\ \Phi_{21}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{2}$
78939	1272	1020	$\frac{1}{85}$	$\frac{43}{255}$	$\frac{1}{4}$	$\frac{42}{85}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{340}\ \Phi_{204}^{2}\ \Phi_{170}\ \Phi_{102}^{2}\ \Phi_{68}\ \Phi_{60}^{2}\ \Phi_{34}\ \Phi_{30}^{2}\ \Phi_{20}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}^{2}$
78940	1272	1271	$\frac{17}{1271}$	$\frac{161}{1271}$	$\frac{370}{1271}$	$\frac{627}{1271}$	$\Phi_{1271}\ \Phi_{41}\ \Phi_{31}\ \Phi_{1}^{2}$
78941	1272	497	$\frac{1}{71}$	$\frac{1}{7}$	$\frac{18}{71}$	$\frac{35}{71}$	$\Phi_{497}^{3}\ \Phi_{7}^{2}$
78942	1272	1271	$\frac{19}{1271}$	$\frac{215}{1271}$	$\frac{264}{1271}$	$\frac{626}{1271}$	$\Phi_{1271}\ \Phi_{41}\ \Phi_{31}\ \Phi_{1}^{2}$
78943	1272	1595	$\frac{5}{319}$	$\frac{54}{319}$	$\frac{1}{5}$	$\frac{157}{319}$	$\Phi_{1595}\ \Phi_{145}\ \Phi_{55}$
78944	1272	1700	$\frac{7}{425}$	$\frac{54}{425}$	$\frac{1}{4}$	$\frac{209}{425}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{340}\ \Phi_{170}\ \Phi_{100}\ \Phi_{68}\ \Phi_{50}\ \Phi_{34}\ \Phi_{20}\ \Phi_{10}$
78945	1272	1271	$\frac{21}{1271}$	$\frac{158}{1271}$	$\frac{323}{1271}$	$\frac{625}{1271}$	$\Phi_{1271}\ \Phi_{41}\ \Phi_{31}\ \Phi_{1}^{2}$
78946	1272	1911	$\frac{11}{637}$	$\frac{54}{637}$	$\frac{1}{3}$	$\frac{313}{637}$	$\Phi_{1911}\ \Phi_{273}\ \Phi_{147}\ \Phi_{39}\ \Phi_{21}$
78947	1272	2392	$\frac{1}{52}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{51}{104}$	$\Phi_{2392}\ \Phi_{184}\ \Phi_{104}^{2}\ \Phi_{23}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
78948	1272	312	$\frac{1}{52}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{312}^{12}\ \Phi_{39}\ \Phi_{24}^{12}$
78949	1272	2392	$\frac{1}{52}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{51}{104}$	$\Phi_{2392}\ \Phi_{184}\ \Phi_{104}^{2}\ \Phi_{23}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
78950	1272	936	$\frac{1}{52}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{51}{104}$	$\Phi_{936}^{3}\ \Phi_{312}^{3}\ \Phi_{72}^{3}\ \Phi_{36}\ \Phi_{24}^{3}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
78951	1272	2392	$\frac{1}{52}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{51}{104}$	$\Phi_{2392}\ \Phi_{184}\ \Phi_{104}^{2}\ \Phi_{23}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
78952	1272	3640	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{51}{104}$	$\Phi_{3640}\ \Phi_{280}\ \Phi_{35}$
78953	1272	1029	$\frac{1}{49}$	$\frac{25}{343}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{1029}^2\ \Phi_{147}\ \Phi_{21}$
78954	1272	205	$\frac{1}{41}$	$\frac{7}{205}$	$\frac{99}{205}$	$\frac{20}{41}$	$\Phi_{205}^6\ \Phi_{41}^7\ \Phi_5^6\ \Phi_1^8$
78955	1272	205	$\frac{1}{41}$	$\frac{21}{205}$	$\frac{46}{205}$	$\frac{20}{41}$	$\Phi_{205}^6\ \Phi_{41}^7\ \Phi_5^6\ \Phi_1^8$
78956	1272	123	$\frac{1}{41}$	$\frac{17}{123}$	$\frac{7}{41}$	$\frac{20}{41}$	$\Phi_{123}^{12}\ \Phi_{41}^7\ \Phi_3^{12}\ \Phi_1^8$
78957	1272	310	$\frac{4}{155}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{151}{310}$	$\Phi_{310}^8\ \Phi_{62}^8\ \Phi_{31}\ \Phi_{10}^8\ \Phi_2^8\ \Phi_1^2$
78958	1272	310	$\frac{4}{155}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{151}{310}$	$\Phi_{310}^8\ \Phi_{62}^8\ \Phi_{31}\ \Phi_{10}^8\ \Phi_2^8\ \Phi_1^2$
78959	1272	2790	$\frac{4}{155}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{151}{310}$	$\Phi_{2790}\ \Phi_{930}\ \Phi_{558}\ \Phi_{186}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
78960	1272	576	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{11}{64}$	$\frac{31}{64}$	$\Phi_{576}^2\ \Phi_{288}^3\ \Phi_{192}^2\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
78961	1272	155	$\frac{1}{31}$	$\frac{8}{155}$	$\frac{49}{155}$	$\frac{15}{31}$	$\Phi_{155}^8\ \Phi_{31}^9\ \Phi_5^8\ \Phi_1^{10}$
78962	1272	341	$\frac{1}{31}$	$\frac{23}{341}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{341}^4\ \Phi_{31}\ \Phi_{11}^4\ \Phi_1^2$
78963	1272	775	$\frac{1}{31}$	$\frac{16}{155}$	$\frac{139}{775}$	$\frac{15}{31}$	$\Phi_{775}^2\ \Phi_{31}\ \Phi_{25}^2\ \Phi_1^2$
78964	1272	62	$\frac{1}{31}$	$\frac{4}{31}$	$\frac{9}{62}$	$\frac{15}{31}$	$\Phi_{62}^{24}\ \Phi_{31}^{17}\ \Phi_2^{24}\ \Phi_1^{18}$
78965	1272	1540	$\frac{5}{154}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{149}{308}$	$\Phi_{1540}^2\ \Phi_{220}^2\ \Phi_{140}^2\ \Phi_{55}\ \Phi_{20}^2$
78966	1272	205	$\frac{7}{205}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{99}{205}$	$\Phi_{205}^6\ \Phi_{41}^7\ \Phi_5^6\ \Phi_1^8$
78967	1272	205	$\frac{7}{205}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{99}{205}$	$\Phi_{205}^6\ \Phi_{41}^7\ \Phi_5^6\ \Phi_1^8$
78968	1272	290	$\frac{1}{29}$	$\frac{5}{58}$	$\frac{1}{5}$	$\frac{14}{29}$	$\Phi_{290}^6\ \Phi_{145}^5\ \Phi_{10}^6\ \Phi_5^4$
78969	1272	2550	$\frac{2}{51}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{2550}\ \Phi_{850}\ \Phi_{510}\ \Phi_{170}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
78970	1272	204	$\frac{2}{51}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{49}{102}$	$\Phi_{204}^8\ \Phi_{68}^9\ \Phi_{51}^8\ \Phi_{34}\ \Phi_{17}^8\ \Phi_{12}^8\ \Phi_4^8\ \Phi_3^8\ \Phi_1^8$
78971	1272	900	$\frac{1}{25}$	$\frac{13}{225}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{50}\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6^2$
78972	1272	1794	$\frac{1}{26}$	$\frac{1}{23}$	$\frac{25}{78}$	$\frac{11}{23}$	$\Phi_{1794}\ \Phi_{897}\ \Phi_{138}\ \Phi_{78}^2\ \Phi_{69}\ \Phi_{39}^2\ \Phi_{23}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
78973	1272	1288	$\frac{1}{23}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{322}\ \Phi_{184}\ \Phi_{161}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{23}\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_1^2$
78974	1272	1495	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{11}{23}$	$\Phi_{1495}\ \Phi_{115}\ \Phi_{65}^2\ \Phi_{23}\ \Phi_5^2\ \Phi_1^2$
78975	1272	2736	$\frac{7}{152}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{145}{304}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
78976	1272	403	$\frac{1}{31}$	$\frac{21}{403}$	$\frac{10}{31}$	$\frac{191}{403}$	$\Phi_{403}^3\ \Phi_{31}^5\ \Phi_{13}^3\ \Phi_1^6$
78977	1272	1800	$\frac{1}{25}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
78978	1272	884	$\frac{9}{221}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{884}^2\ \Phi_{442}^2\ \Phi_{68}\ \Phi_{52}^2\ \Phi_{34}\ \Phi_{26}^2$
78979	1272	100	$\frac{1}{25}$	$\frac{3}{50}$	$\frac{1}{4}$	$\frac{47}{100}$	$\Phi_{100}^9\ \Phi_{50}^{17}\ \Phi_{25}^{16}\ \Phi_{20}^9\ \Phi_{10}^{17}\ \Phi_5^{16}\ \Phi_4^8\ \Phi_2^{16}\ \Phi_1^{16}$
78980	1272	900	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{47}{100}$	$\Phi_{900}^3\ \Phi_{300}^3\ \Phi_{180}^3\ \Phi_{90}\ \Phi_{60}^3\ \Phi_{45}\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^3\ \Phi_6$
78981	1272	217	$\frac{1}{31}$	$\frac{15}{217}$	$\frac{58}{217}$	$\frac{101}{217}$	$\Phi_{217}^6\ \Phi_{31}^5\ \Phi_7^6\ \Phi_1^6$
78982	1272	164	$\frac{5}{164}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{164}^8\ \Phi_{82}^8\ \Phi_{41}^7\ \Phi_4^8\ \Phi_2^8\ \Phi_1^8$
78983	1272	975	$\frac{7}{325}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{975}^2\ \Phi_{195}^2\ \Phi_{75}^2\ \Phi_{39}\ \Phi_{15}^2$
78984	1272	294	$\frac{1}{49}$	$\frac{4}{49}$	$\frac{1}{3}$	$\frac{45}{98}$	$\Phi_{294}^{12}\ \Phi_{147}\ \Phi_{42}^{12}\ \Phi_{21}\ \Phi_6^{12}$
78985	1272	594	$\frac{1}{54}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{54}^4\ \Phi_{33}\ \Phi_{27}^4\ \Phi_{22}^2\ \Phi_{18}^4\ \Phi_{11}^2\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
78986	1272	770	$\frac{1}{35}$	$\frac{1}{11}$	$\frac{17}{70}$	$\frac{5}{11}$	$\Phi_{770}^2\ \Phi_{385}\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}\ \Phi_{70}^4\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{22}^2\ \Phi_{14}^4\ \Phi_{11}^2\ \Phi_{10}^4\ \Phi_7^2\ \Phi_5^2\ \Phi_2^4\ \Phi_1^4$
78987	1272	55	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{55}^{23}\ \Phi_{11}^{24}\ \Phi_5^{22}\ \Phi_1^{24}$
78988	1272	693	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{10}{63}$	$\frac{5}{11}$	$\Phi_{693}^2\ \Phi_{231}\ \Phi_{99}^2\ \Phi_{77}\ \Phi_{63}^4\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{11}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
78989	1272	616	$\frac{3}{56}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{616}^{2}\ \Phi_{308}^{2}\ \Phi_{154}^{2}\ \Phi_{88}^{2}\ \Phi_{77}\ \Phi_{56}^{4}\ \Phi_{44}^{2}\ \Phi_{28}^{4}\ \Phi_{22}^{2}\ \Phi_{14}^{4}\ \Phi_{11}^{2}\ \Phi_{8}^{4}\ \Phi_{7}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
78990	1272	660	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{7}{60}$	$\frac{5}{11}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{2}\ \Phi_{165}\ \Phi_{132}^{2}\ \Phi_{110}^{2}\ \Phi_{66}^{2}\ \Phi_{60}^{4}\ \Phi_{55}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{30}^{4}\ \Phi_{22}^{2}\ \Phi_{20}^{4}\ \Phi_{15}^{2}\ \Phi_{12}^{4}\ \Phi_{11}^{2}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
78991	1272	290	$\frac{1}{29}$	$\frac{14}{145}$	$\frac{1}{5}$	$\frac{131}{290}$	$\Phi_{290}^{8}\ \Phi_{145}\ \Phi_{58}^{8}\ \Phi_{10}^{8}\ \Phi_{2}^{8}$
78992	1272	2400	$\frac{1}{25}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
78993	1272	288	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{9}$	$\frac{43}{96}$	$\Phi_{288}^{9}\ \Phi_{144}\ \Phi_{96}^{6}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}^{6}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
78994	1272	287	$\frac{1}{41}$	$\frac{31}{287}$	$\frac{10}{41}$	$\frac{128}{287}$	$\Phi_{287}^{4}\ \Phi_{41}^{7}\ \Phi_{7}^{4}\ \Phi_{1}^{8}$
78995	1272	1350	$\frac{1}{54}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{270}\ \Phi_{225}\ \Phi_{150}\ \Phi_{135}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
78996	1272	2520	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{19}{140}$	$\frac{121}{280}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{180}\ \Phi_{168}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
78997	1272	93	$\frac{1}{31}$	$\frac{13}{93}$	$\frac{5}{31}$	$\frac{40}{93}$	$\Phi_{93}^{12}\ \Phi_{31}^{17}\ \Phi_{3}^{12}\ \Phi_{1}^{18}$
78998	1272	483	$\frac{2}{161}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{483}^{4}\ \Phi_{69}^{4}\ \Phi_{21}^{3}\ \Phi_{3}^{2}$
78999	1272	553	$\frac{1}{79}$	$\frac{1}{7}$	$\frac{26}{79}$	$\frac{3}{7}$	$\Phi_{553}^{2}\ \Phi_{79}^{4}\ \Phi_{7}^{3}\ \Phi_{1}^{6}$
79000	1272	756	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{756}^{2}\ \Phi_{378}\ \Phi_{252}^{2}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}^{4}\ \Phi_{84}^{2}\ \Phi_{63}\ \Phi_{54}^{2}\ \Phi_{42}\ \Phi_{36}^{4}\ \Phi_{28}\ \Phi_{27}^{2}\ \Phi_{21}\ \Phi_{18}^{2}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
79001	1272	62	$\frac{1}{31}$	$\frac{9}{62}$	$\frac{5}{31}$	$\frac{13}{31}$	$\Phi_{62}^{24}\ \Phi_{31}^{17}\ \Phi_{2}^{24}\ \Phi_{1}^{18}$
79002	1272	1271	$\frac{17}{1271}$	$\frac{209}{1271}$	$\frac{370}{1271}$	$\frac{531}{1271}$	$\Phi_{1271}\ \Phi_{41}\ \Phi_{31}\ \Phi_{1}^{2}$
79003	1272	273	$\frac{1}{91}$	$\frac{15}{91}$	$\frac{1}{3}$	$\frac{38}{91}$	$\Phi_{273}^{7}\ \Phi_{39}^{7}\ \Phi_{21}^{7}\ \Phi_{3}^{6}$
79004	1272	300	$\frac{1}{25}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{300}^{4}\ \Phi_{150}^{5}\ \Phi_{100}^{4}\ \Phi_{75}^{5}\ \Phi_{60}^{3}\ \Phi_{50}^{5}\ \Phi_{30}^{4}\ \Phi_{25}^{4}\ \Phi_{20}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
79005	1272	1271	$\frac{14}{1271}$	$\frac{213}{1271}$	$\frac{419}{1271}$	$\frac{529}{1271}$	$\Phi_{1271}\ \Phi_{41}\ \Phi_{31}\ \Phi_{1}^{2}$
79006	1272	164	$\frac{5}{164}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{164}^{8}\ \Phi_{82}^{8}\ \Phi_{41}^{7}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
79007	1272	1085	$\frac{1}{31}$	$\frac{30}{217}$	$\frac{187}{1085}$	$\frac{449}{1085}$	$\Phi_{1085}\ \Phi_{217}^{2}\ \Phi_{155}\ \Phi_{35}\ \Phi_{31}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
79008	1272	450	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{450}^{5}\ \Phi_{225}\ \Phi_{150}^{5}\ \Phi_{90}^{4}\ \Phi_{75}\ \Phi_{50}^{5}\ \Phi_{45}\ \Phi_{30}^{4}\ \Phi_{18}^{4}\ \Phi_{15}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{2}^{4}$
79009	1272	1605	$\frac{1}{107}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1605}\ \Phi_{321}^{2}$
79010	1272	860	$\frac{3}{215}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{860}^{2}\ \Phi_{430}^{2}\ \Phi_{172}^{2}\ \Phi_{86}^{2}\ \Phi_{20}\ \Phi_{10}$
79011	1272	1055	$\frac{3}{211}$	$\frac{1}{5}$	$\frac{52}{211}$	$\frac{2}{5}$	$\Phi_{1055}\ \Phi_{211}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
79012	1272	270	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{270}^{5}\ \Phi_{135}^{5}\ \Phi_{90}^{5}\ \Phi_{54}^{4}\ \Phi_{45}^{5}\ \Phi_{30}^{5}\ \Phi_{27}^{4}\ \Phi_{18}^{4}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
79013	1272	1391	$\frac{1}{107}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{1391}
79014	1272	2304	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{31}{128}$	$\frac{97}{256}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
79015	1272	1271	$\frac{19}{1271}$	$\frac{264}{1271}$	$\frac{313}{1271}$	$\frac{479}{1271}$	$\Phi_{1271}\ \Phi_{41}\ \Phi_{31}\ \Phi_{1}^{2}$
79016	1272	340	$\frac{1}{85}$	$\frac{21}{85}$	$\frac{1}{4}$	$\frac{32}{85}$	$\Phi_{340}^{5}\ \Phi_{170}^{5}\ \Phi_{68}^{5}\ \Phi_{34}^{5}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
79017	1272	1271	$\frac{15}{1271}$	$\frac{314}{1271}$	$\frac{319}{1271}$	$\frac{476}{1271}$	$\Phi_{1271}\ \Phi_{41}\ \Phi_{31}\ \Phi_{1}^{2}$
79018	1272	1350	$\frac{1}{54}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{270}\ \Phi_{225}\ \Phi_{150}\ \Phi_{135}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
79019	1272	217	$\frac{5}{217}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{217}^{6}\ \Phi_{31}^{5}\ \Phi_{7}^{6}\ \Phi_{1}^{6}$
79020	1272	82	$\frac{1}{41}$	$\frac{5}{41}$	$\frac{12}{41}$	$\frac{29}{82}$	$\Phi_{82}^{24}\ \Phi_{41}^{7}\ \Phi_{2}^{24}\ \Phi_{1}^{8}$
79021	1272	720	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{13}{40}$	$\frac{27}{80}$	$\Phi_{720}^{3}\ \Phi_{360}\ \Phi_{240}^{3}\ \Phi_{180}\ \Phi_{144}^{3}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}^{3}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
79022	1272	1271	$\frac{20}{1271}$	$\frac{211}{1271}$	$\frac{417}{1271}$	$\frac{427}{1271}$	$\Phi_{1271}\ \Phi_{41}\ \Phi_{31}\ \Phi_{1}^{2}$
79023	1272	1595	$\frac{4}{319}$	$\frac{1}{5}$	$\frac{105}{319}$	$\frac{107}{319}$	$\Phi_{1595}\ \Phi_{145}\ \Phi_{55}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
79024	1272	1271	$\frac{8}{1271}$	$\frac{421}{1271}$	$\frac{423}{1271}$	$\frac{425}{1271}$	$\Phi_{1271}\ \Phi_{41}\ \Phi_{31}\ \Phi_{1}^{2}$
79025	1272	1911	$\frac{4}{637}$	$\frac{211}{637}$	$\frac{1}{3}$	$\frac{213}{637}$	$\Phi_{1911}\ \Phi_{273}\ \Phi_{147}\ \Phi_{39}\ \Phi_{21}$
79026	1272	480	$\frac{1}{160}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{2}\ \Phi_{120}^{3}\ \Phi_{96}^{3}\ \Phi_{80}^{2}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
79027	1272	951	$\frac{2}{317}$	$\frac{105}{317}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{951}\ \Phi_{317}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
79028	1272	1284	$\frac{1}{107}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1284}\ \Phi_{642}\ \Phi_{428}^{2}\ \Phi_{214}^{2}$
79029	1272	951	$\frac{5}{317}$	$\frac{52}{317}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{951}\ \Phi_{317}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
79030	1272	378	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{378}^{4}\ \Phi_{189}^{4}\ \Phi_{126}^{4}\ \Phi_{63}^{4}\ \Phi_{42}^{4}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{2}$
79031	1272	273	$\frac{1}{91}$	$\frac{61}{273}$	$\frac{30}{91}$	$\frac{1}{3}$	$\Phi_{273}^{4}\ \Phi_{91}^{6}\ \Phi_{39}^{4}\ \Phi_{21}^{4}\ \Phi_{13}^{6}\ \Phi_{7}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
79032	1272	1185	$\frac{1}{79}$	$\frac{1}{5}$	$\frac{26}{79}$	$\frac{1}{3}$	$\Phi_{1185}^{2}\ \Phi_{15}^{3}$
79033	1272	1911	$\frac{10}{637}$	$\frac{107}{637}$	$\frac{209}{637}$	$\frac{1}{3}$	$\Phi_{1911}\ \Phi_{273}\ \Phi_{147}\ \Phi_{39}\ \Phi_{21}$
79034	1272	315	$\frac{2}{105}$	$\frac{1}{7}$	$\frac{103}{315}$	$\frac{1}{3}$	$\Phi_{315}^{6}\ \Phi_{63}^{6}\ \Phi_{45}^{6}\ \Phi_{21}\ \Phi_{9}^{6}$
79035	1272	735	$\frac{1}{49}$	$\frac{33}{245}$	$\frac{16}{49}$	$\frac{1}{3}$	$\Phi_{735}^{3}\ \Phi_{147}\ \Phi_{105}^{3}\ \Phi_{21}\ \Phi_{15}^{3}$
79036	1272	78	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{78}^{12}\ \Phi_{39}^{13}\ \Phi_{26}^{24}\ \Phi_{13}^{24}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{24}\ \Phi_{1}^{24}$
79037	1272	663	$\frac{9}{221}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{663}^{3}\ \Phi_{51}^{3}\ \Phi_{39}$
79038	1272	651	$\frac{5}{217}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{651}^{3}\ \Phi_{93}^{3}\ \Phi_{21}$
79039	1272	147	$\frac{1}{49}$	$\frac{8}{49}$	$\frac{41}{147}$	$\frac{1}{3}$	$\Phi_{147}^{7}\ \Phi_{49}^{12}\ \Phi_{21}^{7}\ \Phi_{7}^{12}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
79040	1272	594	$\frac{1}{54}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{594}^{2}\ \Phi_{297}^{2}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{66}^{2}\ \Phi_{54}^{4}\ \Phi_{33}\ \Phi_{27}^{4}\ \Phi_{22}^{2}\ \Phi_{18}^{4}\ \Phi_{11}^{2}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
79041	1272	1911	$\frac{9}{637}$	$\frac{157}{637}$	$\frac{160}{637}$	$\frac{1}{3}$	$\Phi_{1911}\ \Phi_{273}\ \Phi_{147}\ \Phi_{39}\ \Phi_{21}$
79042	1272	2532	$\frac{3}{211}$	$\frac{52}{211}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2532}\ \Phi_{1266}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
79043	1272	540	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^{4}\ \Phi_{270}^{2}\ \Phi_{180}^{4}\ \Phi_{135}^{2}\ \Phi_{90}^{2}\ \Phi_{60}^{3}\ \Phi_{45}^{2}\ \Phi_{30}\ \Phi_{20}^{4}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$
79044	1272	2184	$\frac{3}{56}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{39}$
79045	1272	588	$\frac{1}{49}$	$\frac{37}{196}$	$\frac{12}{49}$	$\frac{1}{3}$	$\Phi_{588}^{4}\ \Phi_{294}^{4}\ \Phi_{147}\ \Phi_{84}^{4}\ \Phi_{42}^{4}\ \Phi_{21}\ \Phi_{12}^{4}\ \Phi_{6}^{4}$
79046	1272	210	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{17}{70}$	$\frac{1}{3}$	$\Phi_{210}^{12}\ \Phi_{105}^{6}\ \Phi_{42}^{12}\ \Phi_{30}^{12}\ \Phi_{21}^{7}\ \Phi_{15}^{6}\ \Phi_{6}^{12}\ \Phi_{3}^{6}$
79047	1272	546	$\frac{3}{91}$	$\frac{23}{182}$	$\frac{22}{91}$	$\frac{1}{3}$	$\Phi_{546}^{4}\ \Phi_{273}^{3}\ \Phi_{78}^{4}\ \Phi_{42}^{4}\ \Phi_{39}^{3}\ \Phi_{21}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{2}$
79048	1272	624	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{49}{208}$	$\frac{1}{3}$	$\Phi_{624}^{4}\ \Phi_{312}^{4}\ \Phi_{48}^{4}\ \Phi_{39}\ \Phi_{24}^{4}$
79049	1272	507	$\frac{10}{169}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{507}^{4}\ \Phi_{39}$
79050	1272	1155	$\frac{2}{55}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1155}^{2}\ \Phi_{231}^{2}\ \Phi_{105}\ \Phi_{21}^{2}$
79051	1272	195	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{195}^{12}\ \Phi_{39}\ \Phi_{15}^{12}$
79052	1272	1995	$\frac{29}{665}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{399}\ \Phi_{285}\ \Phi_{57}\ \Phi_{21}$
79053	1272	63	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{10}{63}$	$\frac{1}{3}$	$\Phi_{63}^{24}\ \Phi_{21}^{13}\ \Phi_{9}^{24}\ \Phi_{7}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
79054	1272	117	$\frac{1}{13}$	$\frac{11}{117}$	$\frac{2}{13}$	$\frac{1}{3}$	$\Phi_{117}^{12}\ \Phi_{39}^{7}\ \Phi_{13}^{12}\ \Phi_{9}^{12}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
79055	1272	168	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{168}^{12}\ \Phi_{84}^{12}\ \Phi_{42}^{12}\ \Phi_{24}^{12}\ \Phi_{21}^{7}\ \Phi_{12}^{12}\ \Phi_{6}^{12}\ \Phi_{3}^{6}$
79056	1272	735	$\frac{2}{35}$	$\frac{33}{245}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{735}^{3}\ \Phi_{147}^{3}\ \Phi_{21}$
79057	1272	1575	$\frac{13}{225}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{175}\ \Phi_{63}\ \Phi_{21}$
79058	1272	420	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{2}\ \Phi_{84}^{4}\ \Phi_{70}^{4}\ \Phi_{42}^{4}\ \Phi_{35}^{2}\ \Phi_{28}^{4}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{2}$
79059	1272	231	$\frac{19}{231}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{231}^{6}\ \Phi_{77}^{6}\ \Phi_{33}^{6}\ \Phi_{21}\ \Phi_{11}^{6}$
79060	1272	525	$\frac{3}{35}$	$\frac{16}{175}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{525}^{4}\ \Phi_{105}^{2}\ \Phi_{75}^{4}\ \Phi_{21}^{3}\ \Phi_{15}^{2}\ \Phi_{3}^{2}$
79061	1272	546	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{182}$	$\frac{1}{3}$	$\Phi_{546}^{4}\ \Phi_{273}^{4}\ \Phi_{42}^{4}\ \Phi_{39}\ \Phi_{21}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
79062	1272	1260	$\frac{2}{105}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{103}{315}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{10}$
79063	1272	1794	$\frac{1}{26}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{25}{78}$	$\Phi_{1794}\ \Phi_{897}\ \Phi_{138}\ \Phi_{78}^2\ \Phi_{69}\ \Phi_{39}^2\ \Phi_{23}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
79064	1272	468	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{25}{78}$	$\Phi_{468}^4\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{78}\ \Phi_{52}^4\ \Phi_{39}\ \Phi_{36}^5\ \Phi_{26}^2\ \Phi_{18}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
79065	1272	1794	$\frac{1}{26}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{25}{78}$	$\Phi_{1794}\ \Phi_{897}\ \Phi_{138}\ \Phi_{78}^2\ \Phi_{69}\ \Phi_{39}^2\ \Phi_{23}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
79066	1272	2730	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{25}{78}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{210}\ \Phi_{105}\ \Phi_{35}$
79067	1272	123	$\frac{2}{41}$	$\frac{17}{123}$	$\frac{7}{41}$	$\frac{13}{41}$	$\Phi_{123}^{12}\ \Phi_{41}^7\ \Phi_{3}^{12}\ \Phi_{1}^8$
79068	1272	155	$\frac{8}{155}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{49}{155}$	$\Phi_{155}^8\ \Phi_{31}^9\ \Phi_{5}^8\ \Phi_{1}^{10}$
79069	1272	1836	$\frac{1}{17}$	$\frac{35}{459}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{306}\ \Phi_{108}\ \Phi_{68}\ \Phi_{54}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}$
79070	1272	576	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{11}{64}$	$\frac{5}{16}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}\ \Phi_{96}^3\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
79071	1272	385	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{24}{77}$	$\Phi_{385}^4\ \Phi_{55}^5\ \Phi_{35}^4\ \Phi_{5}^4$
79072	1272	290	$\frac{2}{29}$	$\frac{5}{58}$	$\frac{1}{5}$	$\frac{9}{29}$	$\Phi_{290}^6\ \Phi_{145}^5\ \Phi_{10}^6\ \Phi_{5}^4$
79073	1272	612	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{1}{4}$	$\frac{47}{153}$	$\Phi_{612}^4\ \Phi_{306}^4\ \Phi_{68}\ \Phi_{36}^4\ \Phi_{34}\ \Phi_{18}^4$
79074	1272	1288	$\frac{3}{56}$	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{322}\ \Phi_{184}\ \Phi_{161}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{23}\ \Phi_{14}^2\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{1}^2$
79075	1272	1495	$\frac{1}{13}$	$\frac{2}{23}$	$\frac{12}{65}$	$\frac{7}{23}$	$\Phi_{1495}\ \Phi_{115}\ \Phi_{65}^2\ \Phi_{23}\ \Phi_{5}^2\ \Phi_{1}^2$
79076	1272	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{7}{60}$	$\frac{3}{10}$	$\Phi_{180}^9\ \Phi_{90}^7\ \Phi_{60}^6\ \Phi_{45}^7\ \Phi_{36}^9\ \Phi_{30}^4\ \Phi_{20}^6\ \Phi_{18}^7\ \Phi_{15}^4\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_{9}^6\ \Phi_{6}^4\ \Phi_{5}^6\ \Phi_{4}^6\ \Phi_{3}^3\ \Phi_{2}^6\ \Phi_{1}^6$
79077	1272	300	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{1}{4}$	$\frac{22}{75}$	$\Phi_{300}^8\ \Phi_{150}^8\ \Phi_{100}\ \Phi_{60}^8\ \Phi_{50}\ \Phi_{30}^8\ \Phi_{20}\ \Phi_{12}^8\ \Phi_{10}\ \Phi_{6}^8$
79078	1272	279	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{67}{279}$	$\frac{26}{93}$	$\Phi_{279}^6\ \Phi_{31}^5\ \Phi_{9}^6\ \Phi_{1}^6$
79079	1272	770	$\frac{1}{35}$	$\frac{2}{11}$	$\frac{17}{70}$	$\frac{3}{11}$	$\Phi_{770}^2\ \Phi_{385}\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}\ \Phi_{70}^4\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{22}^2\ \Phi_{14}^4\ \Phi_{11}^2\ \Phi_{10}^4\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{2}^4\ \Phi_{1}^4$
79080	1272	55	$\frac{2}{55}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{55}^{23}\ \Phi_{11}^{24}\ \Phi_{5}^{22}\ \Phi_{1}^{24}$
79081	1272	693	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{693}^2\ \Phi_{231}\ \Phi_{99}^2\ \Phi_{77}\ \Phi_{63}^4\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{11}^2\ \Phi_{9}^4\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
79082	1272	616	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{616}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{88}^2\ \Phi_{77}\ \Phi_{56}^4\ \Phi_{44}^2\ \Phi_{28}^4\ \Phi_{22}^2\ \Phi_{14}^4\ \Phi_{11}^2\ \Phi_{8}^4\ \Phi_{7}^2\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
79083	1272	660	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^4\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{30}^4\ \Phi_{22}^2\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^2\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
79084	1272	145	$\frac{1}{29}$	$\frac{28}{145}$	$\frac{1}{5}$	$\frac{39}{145}$	$\Phi_{145}^9\ \Phi_{29}^8\ \Phi_{5}^8\ \Phi_{1}^8$
79085	1272	1740	$\frac{11}{435}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{348}\ \Phi_{290}\ \Phi_{174}\ \Phi_{116}\ \Phi_{58}\ \Phi_{20}\ \Phi_{10}$
79086	1272	1800	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
79087	1272	341	$\frac{23}{341}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{341}^4\ \Phi_{31}\ \Phi_{11}^4\ \Phi_{1}^2$
79088	1272	504	$\frac{3}{56}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{36}\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
79089	1272	140	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{17}{70}$	$\frac{1}{4}$	$\Phi_{140}^{12}\ \Phi_{70}^4\ \Phi_{35}^8\ \Phi_{28}^{12}\ \Phi_{20}^{13}\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_{7}^8\ \Phi_{5}^8\ \Phi_{4}^{12}\ \Phi_{2}^4\ \Phi_{1}^8$
79090	1272	500	$\frac{1}{25}$	$\frac{19}{125}$	$\frac{6}{25}$	$\frac{1}{4}$	$\Phi_{500}^4\ \Phi_{250}^4\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
79091	1272	1872	$\frac{3}{52}$	$\frac{1}{9}$	$\frac{49}{208}$	$\frac{1}{4}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{312}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
79092	1272	476	$\frac{1}{17}$	$\frac{13}{119}$	$\frac{4}{17}$	$\frac{1}{4}$	$\Phi_{476}^4\ \Phi_{238}^4\ \Phi_{68}\ \Phi_{34}\ \Phi_{28}^4\ \Phi_{14}^4$
79093	1272	68	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{15}{68}$	$\frac{1}{4}$	$\Phi_{68}^{17}\ \Phi_{34}^{17}\ \Phi_{17}^{24}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{24}$
79094	1272	1288	$\frac{3}{56}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{322}\ \Phi_{184}\ \Phi_{161}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{23}\ \Phi_{14}^2\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{1}^2$
79095	1272	220	$\frac{2}{55}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{220}^8\ \Phi_{110}^8\ \Phi_{44}^8\ \Phi_{22}^8\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_{4}^4\ \Phi_{2}^4$
79096	1272	2100	$\frac{4}{105}$	$\frac{101}{525}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{350}\ \Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
79097	1272	1260	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{90}^2\ \Phi_{70}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
79098	1272	280	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{280}^6\ \Phi_{140}^5\ \Phi_{70}^5\ \Phi_{40}^6\ \Phi_{35}^6\ \Phi_{20}^6\ \Phi_{10}^6\ \Phi_5^6$
79099	1272	980	$\frac{2}{35}$	$\frac{33}{245}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{20}\ \Phi_{10}$
79100	1272	900	$\frac{13}{225}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{50}^2\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{10}$
79101	1272	60	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{60}^{20}\ \Phi_{30}^{20}\ \Phi_{20}^{21}\ \Phi_{15}^{24}\ \Phi_{12}^{20}\ \Phi_{10}^{21}\ \Phi_6^{20}\ \Phi_5^{24}\ \Phi_4^{20}\ \Phi_3^{24}\ \Phi_2^{20}\ \Phi_1^{24}$
79102	1272	1820	$\frac{31}{455}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{364}\ \Phi_{260}\ \Phi_{182}\ \Phi_{130}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
79103	1272	2340	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{12}{65}$	$\frac{1}{4}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{390}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
79104	1272	1020	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{43}{255}$	$\frac{1}{4}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{170}^2\ \Phi_{68}\ \Phi_{60}^2\ \Phi_{34}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{10}^2$
79105	1272	880	$\frac{1}{11}$	$\frac{17}{176}$	$\frac{1}{5}$	$\frac{5}{22}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{80}^2\ \Phi_{55}\ \Phi_{40}^2\ \Phi_{20}^2$
79106	1272	62	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{9}{62}$	$\frac{7}{31}$	$\Phi_{62}^{24}\ \Phi_{31}^{17}\ \Phi_2^{24}\ \Phi_1^{18}$
79107	1272	1495	$\frac{1}{13}$	$\frac{3}{23}$	$\frac{12}{65}$	$\frac{5}{23}$	$\Phi_{1495}\ \Phi_{115}\ \Phi_{65}^2\ \Phi_{23}\ \Phi_5^2\ \Phi_1^2$
79108	1272	1800	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{50}$	$\frac{41}{200}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
79109	1272	455	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{12}{65}$	$\frac{1}{5}$	$\Phi_{455}^3\ \Phi_{91}^4\ \Phi_{35}^4\ \Phi_7^4$
79110	1272	385	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{385}$	$\frac{1}{5}$	$\Phi_{385}^3\ \Phi_{77}^4\ \Phi_{55}^4\ \Phi_{35}^3\ \Phi_{11}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
79111	1272	123	$\frac{5}{41}$	$\frac{17}{123}$	$\frac{6}{41}$	$\frac{7}{41}$	$\Phi_{123}^{12}\ \Phi_{41}^7\ \Phi_3^{12}\ \Phi_1^8$
79112	1273	2528	$\frac{9}{1264}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1255}{2528}$	$\Phi_{2528}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
79113	1273	1530	$\frac{2}{255}$	$\frac{257}{1530}$	$\frac{1}{3}$	$\frac{253}{510}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{306}\ \Phi_{255}\ \Phi_{153}\ \Phi_{90}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}\ \Phi_{18}\ \Phi_{17}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
79114	1273	2520	$\frac{13}{1260}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1247}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{72}\ \Phi_{56}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
79115	1273	2520	$\frac{13}{1260}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1247}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{72}\ \Phi_{56}\ \Phi_{40}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
79116	1273	1704	$\frac{5}{426}$	$\frac{1}{6}$	$\frac{431}{1704}$	$\frac{421}{852}$	$\Phi_{1704}\ \Phi_{568}\ \Phi_{426}\ \Phi_{213}\ \Phi_{142}\ \Phi_{71}\ \Phi_{24}\ \Phi_8\ \Phi_1$
79117	1273	396	$\frac{1}{66}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{65}{132}$	$\Phi_{198}^6\ \Phi_{132}\ \Phi_{99}^6\ \Phi_{66}^6\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}^6\ \Phi_{22}^6\ \Phi_{18}^6\ \Phi_{12}^2\ \Phi_{11}^6\ \Phi_9^6\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
79118	1273	924	$\frac{1}{66}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{65}{132}$	$\Phi_{924}^3\ \Phi_{308}^3\ \Phi_{132}\ \Phi_{84}^3\ \Phi_{44}\ \Phi_{28}^3\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
79119	1273	1188	$\frac{1}{66}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{65}{132}$	$\Phi_{1188}^3\ \Phi_{132}\ \Phi_{108}^3\ \Phi_{44}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
79120	1273	264	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{65}{132}$	$\Phi_{264}^6\ \Phi_{132}\ \Phi_{88}^6\ \Phi_{66}^6\ \Phi_{44}\ \Phi_{33}^6\ \Phi_{24}^7\ \Phi_{22}^6\ \Phi_{12}^2\ \Phi_{11}^6\ \Phi_8^7\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
79121	1273	2496	$\frac{25}{1248}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{1223}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
79122	1273	2496	$\frac{25}{1248}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1223}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{192}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
79123	1273	1392	$\frac{3}{116}$	$\frac{119}{1392}$	$\frac{1}{4}$	$\frac{113}{232}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}\ \Phi_{48}\ \Phi_{29}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
79124	1273	2480	$\frac{33}{1240}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1207}{2480}$	$\Phi_{2480}\ \Phi_{496}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
79125	1273	1350	$\frac{2}{75}$	$\frac{77}{1350}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{270}\ \Phi_{225}\ \Phi_{135}\ \Phi_{90}\ \Phi_{75}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
79126	1273	1536	$\frac{7}{256}$	$\frac{1}{8}$	$\frac{263}{1536}$	$\frac{249}{512}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
79127	1273	2464	$\frac{41}{1232}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1191}{2464}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{224}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
79128	1273	1326	$\frac{2}{51}$	$\frac{53}{1326}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{442}\ \Phi_{221}\ \Phi_{78}\ \Phi_{51}\ \Phi_{39}\ \Phi_{26}\ \Phi_{17}\ \Phi_{13}\ \Phi_1$
79129	1273	2448	$\frac{2}{51}$	$\frac{49}{1224}$	$\frac{1}{3}$	$\frac{1175}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{144}\ \Phi_{51}\ \Phi_{48}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
79130	1273	2448	$\frac{49}{1224}$	$\frac{1}{24}$	$\frac{23}{72}$	$\frac{1175}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
79131	1273	1872	$\frac{25}{624}$	$\frac{1}{24}$	$\frac{599}{1872}$	$\frac{23}{48}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{144}\ \Phi_{117}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
79132	1273	1344	$\frac{1}{24}$	$\frac{71}{1344}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
79133	1273	640	$\frac{3}{64}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{640}^4\ \Phi_{128}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
79134	1273	128	$\frac{3}{64}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{61}{128}$	$\Phi_{128}^{19}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
79135	1273	1728	$\frac{1}{24}$	$\frac{23}{432}$	$\frac{455}{1728}$	$\frac{409}{864}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
79136	1273	828	$\frac{2}{69}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{828}^3\ \Phi_{276}^3\ \Phi_{92}^3\ \Phi_{69}\ \Phi_{36}\ \Phi_{23}\ \Phi_{12}\ \Phi_4\ \Phi_1$
79137	1273	396	$\frac{1}{33}$	$\frac{1}{18}$	$\frac{32}{99}$	$\frac{17}{36}$	$\Phi_{396}^6\ \Phi_{132}^6\ \Phi_{99}\ \Phi_{44}^6\ \Phi_{36}^7\ \Phi_{12}^7\ \Phi_9\ \Phi_4^7\ \Phi_1$
79138	1273	792	$\frac{1}{22}$	$\frac{1}{18}$	$\frac{21}{88}$	$\frac{17}{36}$	$\Phi_{792}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{88}^3\ \Phi_{72}^2\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
79139	1273	72	$\frac{1}{18}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{72}^{19}\ \Phi_{36}^{14}\ \Phi_{24}^{19}\ \Phi_{18}^{19}\ \Phi_{12}^{14}\ \Phi_9^{19}\ \Phi_8^{19}\ \Phi_6^{18}\ \Phi_4^{14}\ \Phi_3^{18}\ \Phi_2^{18}\ \Phi_1^{19}$
79140	1273	2772	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{17}{36}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{308}\ \Phi_{252}\ \Phi_{84}\ \Phi_{77}\ \Phi_{36}\ \Phi_{28}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
79141	1273	2400	$\frac{2}{75}$	$\frac{73}{1200}$	$\frac{1}{3}$	$\frac{1127}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{75}\ \Phi_{32}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_1$
79142	1273	2400	$\frac{73}{1200}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1127}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
79143	1273	1320	$\frac{47}{1320}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
79144	1273	2320	$\frac{3}{116}$	$\frac{113}{1160}$	$\frac{1}{4}$	$\frac{1047}{2320}$	$\Phi_{2320}\ \Phi_{464}\ \Phi_{116}\ \Phi_{80}\ \Phi_{58}\ \Phi_{29}\ \Phi_{16}\ \Phi_1$
79145	1273	2304	$\frac{1}{24}$	$\frac{121}{1152}$	$\frac{23}{144}$	$\frac{1031}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
79146	1273	2304	$\frac{7}{128}$	$\frac{121}{1152}$	$\frac{1}{8}$	$\frac{1031}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
79147	1273	1290	$\frac{17}{1290}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{430}\ \Phi_{258}\ \Phi_{215}\ \Phi_{129}\ \Phi_{86}\ \Phi_{43}\ \Phi_{15}\ \Phi_5\ \Phi_1$
79148	1273	2240	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{153}{1120}$	$\frac{967}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
79149	1273	1440	$\frac{1}{24}$	$\frac{167}{1440}$	$\frac{23}{144}$	$\frac{121}{288}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
79150	1273	2160	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{193}{1080}$	$\frac{887}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
79151	1273	544	$\frac{1}{68}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{544}^4\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{32}^3\ \Phi_{17}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
79152	1273	1590	$\frac{1}{53}$	$\frac{52}{265}$	$\frac{317}{1590}$	$\frac{213}{530}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{318}\ \Phi_{265}\ \Phi_{159}\ \Phi_{30}\ \Phi_{15}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
79153	1273	2120	$\frac{1}{53}$	$\frac{52}{265}$	$\frac{213}{1060}$	$\frac{847}{2120}$	$\Phi_{2120}\ \Phi_{424}\ \Phi_{265}\ \Phi_{40}\ \Phi_8\ \Phi_5\ \Phi_1$
79154	1273	2048	$\frac{7}{256}$	$\frac{1}{8}$	$\frac{249}{1024}$	$\frac{775}{2048}$	$\Phi_{2048}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
79155	1273	2040	$\frac{2}{255}$	$\frac{253}{1020}$	$\frac{1}{3}$	$\frac{767}{2040}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{255}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{51}\ \Phi_{40}\ \Phi_{24}\ \Phi_{17}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
79156	1273	408	$\frac{1}{68}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^4\ \Phi_{204}^4\ \Phi_{102}^4\ \Phi_{68}^3\ \Phi_{51}^4\ \Phi_{34}^3\ \Phi_{24}^3\ \Phi_{17}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
79157	1273	360	$\frac{1}{20}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^3\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{36}^3\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
79158	1273	1020	$\frac{1}{68}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}^2\ \Phi_{102}\ \Phi_{85}^2\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{34}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
79159	1273	1296	$\frac{23}{1296}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
79160	1273	1020	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{60}\ \Phi_{51}\ \Phi_{34}\ \Phi_{30}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
79161	1273	1920	$\frac{7}{320}$	$\frac{1}{8}$	$\frac{313}{960}$	$\frac{647}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
79162	1273	1908	$\frac{1}{159}$	$\frac{158}{477}$	$\frac{635}{1908}$	$\frac{319}{954}$	$\Phi_{1908}\ \Phi_{636}\ \Phi_{477}\ \Phi_{212}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
79163	1273	483	$\frac{2}{69}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{483}^3\ \Phi_{161}^3\ \Phi_{69}\ \Phi_{23}\ \Phi_{21}\ \Phi_7\ \Phi_1$
79164	1273	1890	$\frac{13}{630}$	$\frac{2}{15}$	$\frac{617}{1890}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{54}\ \Phi_{27}\ \Phi_{15}\ \Phi_5\ \Phi_1$
79165	1273	693	$\frac{1}{33}$	$\frac{2}{21}$	$\frac{32}{99}$	$\frac{1}{3}$	$\Phi_{693}^3\ \Phi_{99}\ \Phi_{63}^3\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$
79166	1273	1377	$\frac{2}{51}$	$\frac{104}{1377}$	$\frac{49}{153}$	$\frac{1}{3}$	$\Phi_{1377}\ \Phi_{459}\ \Phi_{81}\ \Phi_{51}\ \Phi_{27}\ \Phi_{17}\ \Phi_1$
79167	1273	1836	$\frac{2}{51}$	$\frac{49}{612}$	$\frac{563}{1836}$	$\frac{1}{3}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{459}\ \Phi_{108}\ \Phi_{54}\ \Phi_{51}\ \Phi_{27}\ \Phi_{17}\ \Phi_1$
79168	1273	621	$\frac{2}{69}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{621}^3\ \Phi_{69}\ \Phi_{27}\ \Phi_{23}\ \Phi_1$
79169	1273	1800	$\frac{2}{75}$	$\frac{73}{600}$	$\frac{527}{1800}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{180}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
79170	1273	1305	$\frac{32}{1305}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{145}\ \Phi_{87}\ \Phi_{29}\ \Phi_{15}\ \Phi_5\ \Phi_1$
79171	1273	1500	$\frac{2}{75}$	$\frac{227}{1500}$	$\frac{73}{300}$	$\frac{1}{3}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_1$
79172	1273	1680	$\frac{13}{420}$	$\frac{2}{15}$	$\frac{407}{1680}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
79173	1273	1428	$\frac{2}{51}$	$\frac{155}{1428}$	$\frac{49}{204}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{238}\ \Phi_{119}\ \Phi_{84}\ \Phi_{51}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{17}\ \Phi_{14}\ \Phi_7\ \Phi_1$
79174	1273	75	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{6}{25}$	$\frac{1}{3}$	$\Phi_{75}^{16}\ \Phi_{25}^{19}\ \Phi_{15}^{16}\ \Phi_5^{19}\ \Phi_3^{15}\ \Phi_1^{19}$
79175	1273	1848	$\frac{1}{22}$	$\frac{2}{21}$	$\frac{21}{88}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{168}\ \Phi_{88}\ \Phi_{84}\ \Phi_{56}\ \Phi_{44}\ \Phi_{28}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
79176	1273	1632	$\frac{2}{51}$	$\frac{49}{408}$	$\frac{359}{1632}$	$\frac{1}{3}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{272}\ \Phi_{96}\ \Phi_{51}\ \Phi_{48}\ \Phi_{32}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
79177	1273	1320	$\frac{47}{1320}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_8\ \Phi_5\ \Phi_1$
79178	1273	552	$\frac{2}{69}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{552}^3\ \Phi_{276}^3\ \Phi_{184}^3\ \Phi_{92}^3\ \Phi_{69}\ \Phi_{24}\ \Phi_{23}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
79179	1273	1575	$\frac{13}{315}$	$\frac{2}{15}$	$\frac{302}{1575}$	$\frac{1}{3}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{225}\ \Phi_{175}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_1$
79180	1273	1530	$\frac{2}{51}$	$\frac{49}{306}$	$\frac{257}{1530}$	$\frac{1}{3}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{90}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}\ \Phi_{30}\ \Phi_{17}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
79181	1273	504	$\frac{5}{72}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{72}\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{36}\ \Phi_{28}^3\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
79182	1273	1350	$\frac{77}{1350}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{270}\ \Phi_{225}\ \Phi_{150}\ \Phi_{135}\ \Phi_{75}\ \Phi_{54}\ \Phi_{50}\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_1$
79183	1273	1470	$\frac{13}{210}$	$\frac{2}{15}$	$\frac{197}{1470}$	$\frac{1}{3}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{294}\ \Phi_{245}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{15}\ \Phi_5\ \Phi_1$
79184	1273	1365	$\frac{92}{1365}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{91}\ \Phi_{65}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_5\ \Phi_1$
79185	1273	1440	$\frac{13}{180}$	$\frac{167}{1440}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
79186	1273	231	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{10}{77}$	$\frac{1}{3}$	$\Phi_{231}^5\ \Phi_{77}^6\ \Phi_{33}^6\ \Phi_{21}^6\ \Phi_{11}^6\ \Phi_7^7\ \Phi_3^6\ \Phi_1^7$
79187	1273	1890	$\frac{13}{630}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{617}{1890}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
79188	1273	297	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{32}{99}$	$\Phi_{297}^6\ \Phi_{99}\ \Phi_{27}^7\ \Phi_9\ \Phi_1$
79189	1273	792	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{32}{99}$	$\Phi_{792}^3\ \Phi_{396}^3\ \Phi_{99}\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
79190	1273	1536	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{263}{1536}$	$\frac{121}{384}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
79191	1273	1848	$\frac{41}{616}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{575}{1848}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{21}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
79192	1273	1440	$\frac{7}{80}$	$\frac{167}{1440}$	$\frac{1}{8}$	$\frac{73}{240}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
79193	1273	480	$\frac{1}{20}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{120}^4\ \Phi_{96}^3\ \Phi_{60}^4\ \Phi_{48}^3\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
79194	1273	2376	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{21}{88}$	$\frac{8}{27}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{216}\ \Phi_{108}\ \Phi_{88}\ \Phi_{44}\ \Phi_{27}\ \Phi_8\ \Phi_4\ \Phi_1$
79195	1273	216	$\frac{5}{72}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{216}^9\ \Phi_{108}^9\ \Phi_{72}\ \Phi_{54}^6\ \Phi_{36}\ \Phi_{27}^7\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
79196	1273	2079	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{10}{77}$	$\frac{8}{27}$	$\Phi_{2079}\ \Phi_{189}\ \Phi_{77}\ \Phi_{27}\ \Phi_7\ \Phi_1$
79197	1273	1512	$\frac{13}{252}$	$\frac{239}{1512}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{72}\ \Phi_{56}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
79198	1273	1350	$\frac{77}{1350}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{270}\ \Phi_{225}\ \Phi_{150}\ \Phi_{135}\ \Phi_{75}\ \Phi_{54}\ \Phi_{50}\ \Phi_{27}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
79199	1273	1440	$\frac{13}{180}$	$\frac{167}{1440}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
79200	1273	1386	$\frac{113}{1386}$	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{198}\ \Phi_{154}\ \Phi_{99}\ \Phi_{77}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
79201	1273	1740	$\frac{3}{116}$	$\frac{113}{580}$	$\frac{1}{4}$	$\frac{467}{1740}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{60}\ \Phi_{58}\ \Phi_{30}\ \Phi_{29}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
79202	1273	1728	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{121}{576}$	$\frac{455}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
79203	1273	1344	$\frac{71}{1344}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
79204	1273	88	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{21}{88}$	$\frac{1}{4}$	$\Phi_{88}^{19}\ \Phi_{44}^{7}\ \Phi_{22}^{13}\ \Phi_{11}^{13}\ \Phi_{8}^{19}\ \Phi_{4}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
79205	1273	1408	$\frac{3}{44}$	$\frac{135}{1408}$	$\frac{41}{176}$	$\frac{1}{4}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{128}\ \Phi_{64}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
79206	1273	80	$\frac{1}{20}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{80}^{15}\ \Phi_{40}^{15}\ \Phi_{20}^{18}\ \Phi_{16}^{16}\ \Phi_{10}^{18}\ \Phi_{8}^{16}\ \Phi_{5}^{18}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
79207	1273	1540	$\frac{3}{44}$	$\frac{41}{308}$	$\frac{267}{1540}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{220}\ \Phi_{140}\ \Phi_{110}\ \Phi_{70}\ \Phi_{55}\ \Phi_{44}\ \Phi_{35}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
79208	1273	264	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{21}{88}$	$\Phi_{264}^{4}\ \Phi_{132}^{4}\ \Phi_{88}^{5}\ \Phi_{66}^{6}\ \Phi_{44}^{5}\ \Phi_{33}^{6}\ \Phi_{24}^{5}\ \Phi_{22}^{6}\ \Phi_{12}^{5}\ \Phi_{11}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
79209	1273	1664	$\frac{25}{416}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{391}{1664}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
79210	1273	72	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{72}^{19}\ \Phi_{36}^{19}\ \Phi_{24}^{14}\ \Phi_{18}^{19}\ \Phi_{12}^{14}\ \Phi_{9}^{19}\ \Phi_{8}^{14}\ \Phi_{6}^{18}\ \Phi_{4}^{14}\ \Phi_{3}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
79211	1273	1848	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{168}\ \Phi_{84}\ \Phi_{77}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
79212	1273	1600	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{400}$	$\frac{327}{1600}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
79213	1274	2172	$\frac{1}{181}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{90}{181}$	$\Phi_{2172}\ \Phi_{724}\ \Phi_{181}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
79214	1274	1629	$\frac{1}{181}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{90}{181}$	$\Phi_{1629}\ \Phi_{181}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
79215	1274	2328	$\frac{1}{97}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{48}{97}$	$\Phi_{2328}\ \Phi_{776}\ \Phi_{97}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
79216	1274	1455	$\frac{1}{97}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{48}{97}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{97}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
79217	1274	1746	$\frac{1}{97}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{48}{97}$	$\Phi_{1746}\ \Phi_{873}\ \Phi_{97}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
79218	1274	1552	$\frac{1}{97}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{48}{97}$	$\Phi_{1552}\ \Phi_{776}\ \Phi_{97}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
79219	1274	2340	$\frac{1}{90}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{89}{180}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{180}^{2}\ \Phi_{156}\ \Phi_{60}^{2}\ \Phi_{52}\ \Phi_{36}^{2}\ \Phi_{20}^{2}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
79220	1274	360	$\frac{1}{90}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{89}{180}$	$\Phi_{360}^{4}\ \Phi_{180}^{2}\ \Phi_{120}^{4}\ \Phi_{90}^{4}\ \Phi_{72}^{4}\ \Phi_{60}^{2}\ \Phi_{45}^{4}\ \Phi_{40}^{4}\ \Phi_{36}^{2}\ \Phi_{30}^{4}\ \Phi_{24}^{5}\ \Phi_{20}^{2}\ \Phi_{18}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{4}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
79221	1274	1206	$\frac{1}{67}$	$\frac{34}{603}$	$\frac{569}{1206}$	$\frac{33}{67}$	$\Phi_{1206}^{2}\ \Phi_{402}^{2}\ \Phi_{134}^{2}\ \Phi_{67}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
79222	1274	804	$\frac{1}{67}$	$\frac{34}{201}$	$\frac{167}{804}$	$\frac{33}{67}$	$\Phi_{804}^{2}\ \Phi_{402}^{2}\ \Phi_{268}^{2}\ \Phi_{134}^{2}\ \Phi_{67}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
79223	1274	1254	$\frac{10}{627}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{617}{1254}$	$\Phi_{1254}^{2}\ \Phi_{418}^{2}\ \Phi_{114}^{2}\ \Phi_{66}^{2}\ \Phi_{38}^{2}\ \Phi_{22}^{2}\ \Phi_{19}\ \Phi_{6}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
79224	1274	1254	$\frac{10}{627}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{617}{1254}$	$\Phi_{1254}^{2}\ \Phi_{418}^{2}\ \Phi_{114}^{2}\ \Phi_{66}^{2}\ \Phi_{38}^{2}\ \Phi_{33}\ \Phi_{22}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
79225	1274	488	$\frac{1}{61}$	$\frac{1}{8}$	$\frac{31}{122}$	$\frac{30}{61}$	$\Phi_{488}^{3}\ \Phi_{244}^{3}\ \Phi_{122}\ \Phi_{61}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
79226	1274	696	$\frac{1}{58}$	$\frac{59}{696}$	$\frac{1}{3}$	$\frac{57}{116}$	$\Phi_{696}^{2}\ \Phi_{348}\ \Phi_{232}^{2}\ \Phi_{174}^{2}\ \Phi_{116}^{2}\ \Phi_{87}^{2}\ \Phi_{58}^{2}\ \Phi_{29}^{2}\ \Phi_{24}^{2}\ \Phi_{12}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
79227	1274	2400	$\frac{1}{48}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{47}{96}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}^{2}\ \Phi_{32}^{2}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
79228	1274	672	$\frac{1}{48}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{672}^{4}\ \Phi_{224}^{4}\ \Phi_{96}^{2}\ \Phi_{42}\ \Phi_{32}^{2}\ \Phi_{21}\ \Phi_{6}$
79229	1274	480	$\frac{1}{48}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{47}{96}$	$\Phi_{480}^{5}\ \Phi_{160}^{5}\ \Phi_{96}^{6}\ \Phi_{32}^{6}\ \Phi_{15}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
79230	1274	462	$\frac{1}{33}$	$\frac{1}{14}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{462}^{3}\ \Phi_{231}^{3}\ \Phi_{154}^{3}\ \Phi_{77}^{3}\ \Phi_{66}\ \Phi_{42}^{3}\ \Phi_{33}^{2}\ \Phi_{22}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{6}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
79231	1274	528	$\frac{3}{88}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{85}{176}$	$\Phi_{528}^{7}\ \Phi_{66}\ \Phi_{48}^{7}\ \Phi_{33}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
79232	1274	2640	$\frac{3}{88}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{85}{176}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
79233	1274	1275	$\frac{2}{51}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{255}\ \Phi_{85}\ \Phi_{51}^2\ \Phi_{25}\ \Phi_{17}^2\ \Phi_{5}\ \Phi_{1}^2$
79234	1274	1800	$\frac{1}{25}$	$\frac{1}{24}$	$\frac{23}{72}$	$\frac{12}{25}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{25}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{1}^2$
79235	1274	1300	$\frac{1}{25}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{325}\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{25}\ \Phi_{13}^2\ \Phi_{5}\ \Phi_{1}^2$
79236	1274	1600	$\frac{1}{25}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{12}{25}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{320}\ \Phi_{160}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^2$
79237	1274	300	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{12}{25}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^4\ \Phi_{60}^5\ \Phi_{50}^4\ \Phi_{30}^5\ \Phi_{25}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_{6}^4\ \Phi_{5}^6\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^6$
79238	1274	1350	$\frac{1}{25}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{12}{25}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{270}\ \Phi_{225}\ \Phi_{135}\ \Phi_{90}\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{25}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{1}^2$
79239	1274	200	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{12}{25}$	$\Phi_{200}^6\ \Phi_{100}^6\ \Phi_{50}^6\ \Phi_{40}^6\ \Phi_{25}^7\ \Phi_{20}^6\ \Phi_{10}^6\ \Phi_{8}^{12}\ \Phi_{5}^7\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
79240	1274	660	$\frac{23}{660}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
79241	1274	174	$\frac{1}{29}$	$\frac{4}{87}$	$\frac{1}{3}$	$\frac{83}{174}$	$\Phi_{174}^{14}\ \Phi_{87}\ \Phi_{58}^{14}\ \Phi_{6}^{14}\ \Phi_{2}^{14}$
79242	1274	1216	$\frac{29}{608}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{579}{1216}$	$\Phi_{1216}^2\ \Phi_{64}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{2}^2\ \Phi_{1}^2$
79243	1274	836	$\frac{10}{209}$	$\frac{1}{19}$	$\frac{199}{836}$	$\frac{9}{19}$	$\Phi_{836}^2\ \Phi_{418}^2\ \Phi_{76}^2\ \Phi_{44}^2\ \Phi_{38}^2\ \Phi_{22}^2\ \Phi_{19}\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
79244	1274	684	$\frac{1}{19}$	$\frac{47}{684}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{36}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
79245	1274	1273	$\frac{85}{1273}$	$\frac{97}{1273}$	$\frac{168}{1273}$	$\frac{594}{1273}$	$\Phi_{1273}\ \Phi_{67}\ \Phi_{19}\ \Phi_{1}^2$
79246	1274	1464	$\frac{13}{183}$	$\frac{14}{183}$	$\frac{1}{8}$	$\frac{85}{183}$	$\Phi_{1464}\ \Phi_{732}\ \Phi_{488}\ \Phi_{366}\ \Phi_{244}\ \Phi_{122}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
79247	1274	67	$\frac{2}{67}$	$\frac{5}{67}$	$\frac{18}{67}$	$\frac{31}{67}$	$\Phi_{67}^{19}\ \Phi_{1}^{20}$
79248	1274	1209	$\frac{2}{93}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1209}\ \Phi_{403}\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{13}\ \Phi_{1}^2$
79249	1274	1755	$\frac{1}{45}$	$\frac{1}{13}$	$\frac{44}{135}$	$\frac{6}{13}$	$\Phi_{1755}\ \Phi_{351}\ \Phi_{135}^2\ \Phi_{27}^2\ \Phi_{13}\ \Phi_{1}^2$
79250	1274	1560	$\frac{1}{30}$	$\frac{1}{13}$	$\frac{29}{120}$	$\frac{6}{13}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{312}\ \Phi_{260}\ \Phi_{156}\ \Phi_{120}^2\ \Phi_{104}\ \Phi_{60}^2\ \Phi_{52}\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{1}^2$
79251	1274	1235	$\frac{4}{95}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{1235}\ \Phi_{247}\ \Phi_{95}^2\ \Phi_{19}^2\ \Phi_{13}\ \Phi_{1}^2$
79252	1274	1248	$\frac{5}{96}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}^2\ \Phi_{52}\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{1}^2$
79253	1274	1404	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{17}{108}$	$\frac{6}{13}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{156}\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{52}\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
79254	1274	195	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{6}{13}$	$\Phi_{195}^6\ \Phi_{65}^6\ \Phi_{39}^6\ \Phi_{15}^{12}\ \Phi_{13}^7\ \Phi_{5}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{14}$
79255	1274	728	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{6}{13}$	$\Phi_{728}^2\ \Phi_{364}^2\ \Phi_{182}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}^4\ \Phi_{52}\ \Phi_{28}^4\ \Phi_{14}^2\ \Phi_{13}\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{1}^2$
79256	1274	1287	$\frac{1}{13}$	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{6}{13}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{13}\ \Phi_{11}^2\ \Phi_{1}^2$
79257	1274	1300	$\frac{1}{13}$	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{6}{13}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{325}\ \Phi_{260}\ \Phi_{100}^2\ \Phi_{52}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{4}^2\ \Phi_{1}^2$
79258	1274	600	$\frac{1}{50}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{600}^4\ \Phi_{200}^4\ \Phi_{150}\ \Phi_{120}^4\ \Phi_{75}\ \Phi_{40}^4\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{8}^2\ \Phi_{6}$
79259	1274	2328	$\frac{6}{97}$	$\frac{1}{12}$	$\frac{13}{97}$	$\frac{11}{24}$	$\Phi_{2328}\ \Phi_{776}\ \Phi_{97}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{1}^2$
79260	1274	120	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{120}^{10}\ \Phi_{60}^{13}\ \Phi_{40}^{10}\ \Phi_{30}^{13}\ \Phi_{24}^7\ \Phi_{20}^{13}\ \Phi_{15}^{12}\ \Phi_{12}^9\ \Phi_{10}^{13}\ \Phi_{8}^6\ \Phi_{6}^9\ \Phi_{5}^{12}\ \Phi_{4}^8\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^8$
79261	1274	270	$\frac{1}{27}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{270}^9\ \Phi_{135}\ \Phi_{90}^8\ \Phi_{54}^9\ \Phi_{45}\ \Phi_{30}^8\ \Phi_{18}^8\ \Phi_{15}\ \Phi_{10}^8\ \Phi_{6}^8\ \Phi_{2}^8$
79262	1274	630	$\frac{1}{14}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{90}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^3\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{63}^3\ \Phi_{45}^2\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{6}\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^2$
79263	1274	770	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{5}{11}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}\ \Phi_{110}^2\ \Phi_{77}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{22}\ \Phi_{10}^2$
79264	1274	3480	$\frac{1}{58}$	$\frac{57}{580}$	$\frac{1}{3}$	$\frac{523}{1160}$	$\Phi_{3480}\ \Phi_{696}\ \Phi_{174}\ \Phi_{120}\ \Phi_{87}\ \Phi_{24}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
79265	1274	540	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{540}^{2}\,\Phi_{270}^{3}\,\Phi_{180}^{2}\,\Phi_{135}^{3}\,\Phi_{108}^{2}\,\Phi_{90}^{3}\,\Phi_{60}\,\Phi_{54}^{3}\,\Phi_{45}^{3}\,\Phi_{36}^{2}\,\Phi_{30}^{2}\,\Phi_{27}^{2}\,\Phi_{20}^{2}\,\Phi_{18}^{3}\,\Phi_{15}^{2}\,\Phi_{12}\,\Phi_{10}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
79266	1274	450	$\frac{1}{50}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{450}^{3}\,\Phi_{225}^{3}\,\Phi_{150}^{3}\,\Phi_{90}^{3}\,\Phi_{75}^{3}\,\Phi_{50}^{2}\,\Phi_{45}^{3}\,\Phi_{30}^{3}\,\Phi_{25}^{2}\,\Phi_{18}\,\Phi_{15}^{3}\,\Phi_{10}^{2}\,\Phi_{9}^{2}\,\Phi_{6}\,\Phi_{5}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
79267	1274	378	$\frac{1}{14}$	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{378}^{4}\,\Phi_{189}^{4}\,\Phi_{126}^{3}\,\Phi_{63}^{3}\,\Phi_{54}^{2}\,\Phi_{42}^{3}\,\Phi_{27}^{2}\,\Phi_{21}^{3}\,\Phi_{18}\,\Phi_{14}^{2}\,\Phi_{9}^{2}\,\Phi_{7}^{2}\,\Phi_{6}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
79268	1274	616	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{88}$	$\Phi_{616}^{4}\,\Phi_{154}\,\Phi_{88}^{2}\,\Phi_{77}\,\Phi_{56}^{4}\,\Phi_{22}\,\Phi_{8}^{2}$
79269	1274	1273	$\frac{55}{1273}$	$\frac{157}{1273}$	$\frac{174}{1273}$	$\frac{558}{1273}$	$\Phi_{1273}\,\Phi_{67}\,\Phi_{19}\,\Phi_{1}^{2}$
79270	1274	1386	$\frac{1}{14}$	$\frac{8}{99}$	$\frac{13}{99}$	$\frac{43}{99}$	$\Phi_{1386}\,\Phi_{693}\,\Phi_{462}\,\Phi_{231}\,\Phi_{198}\,\Phi_{154}\,\Phi_{126}\,\Phi_{77}\,\Phi_{66}\,\Phi_{63}\,\Phi_{42}\,\Phi_{22}\,\Phi_{21}\,\Phi_{18}\,\Phi_{6}$
79271	1274	1273	$\frac{90}{1273}$	$\frac{103}{1273}$	$\frac{169}{1273}$	$\frac{552}{1273}$	$\Phi_{1273}\,\Phi_{67}\,\Phi_{19}\,\Phi_{1}^{2}$
79272	1274	1464	$\frac{8}{183}$	$\frac{1}{8}$	$\frac{25}{183}$	$\frac{79}{183}$	$\Phi_{1464}\,\Phi_{732}\,\Phi_{488}\,\Phi_{366}\,\Phi_{244}\,\Phi_{122}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}$
79273	1274	276	$\frac{1}{92}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{276}^{5}\,\Phi_{138}^{5}\,\Phi_{92}^{4}\,\Phi_{69}^{5}\,\Phi_{46}^{4}\,\Phi_{23}^{4}\,\Phi_{12}^{3}\,\Phi_{6}^{5}\,\Phi_{4}^{2}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
79274	1274	2172	$\frac{6}{181}$	$\frac{25}{181}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2172}\,\Phi_{724}\,\Phi_{181}\,\Phi_{12}^{2}\,\Phi_{4}^{2}\,\Phi_{1}^{2}$
79275	1274	216	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{216}^{7}\,\Phi_{108}^{4}\,\Phi_{72}^{7}\,\Phi_{54}^{7}\,\Phi_{36}^{4}\,\Phi_{27}^{6}\,\Phi_{24}^{5}\,\Phi_{18}^{7}\,\Phi_{12}^{3}\,\Phi_{9}^{6}\,\Phi_{8}^{4}\,\Phi_{6}^{5}\,\Phi_{4}^{2}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
79276	1274	2172	$\frac{12}{181}$	$\frac{13}{181}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2172}\,\Phi_{724}\,\Phi_{181}\,\Phi_{12}^{2}\,\Phi_{4}^{2}\,\Phi_{1}^{2}$
79277	1274	420	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}^{6}\,\Phi_{210}\,\Phi_{140}^{6}\,\Phi_{105}\,\Phi_{84}^{4}\,\Phi_{70}\,\Phi_{60}^{3}\,\Phi_{42}\,\Phi_{35}\,\Phi_{30}\,\Phi_{28}^{4}\,\Phi_{21}\,\Phi_{20}^{3}\,\Phi_{12}^{2}\,\Phi_{10}\,\Phi_{6}\,\Phi_{4}^{2}$
79278	1274	1072	$\frac{1}{67}$	$\frac{101}{536}$	$\frac{33}{134}$	$\frac{435}{1072}$	$\Phi_{1072}^{2}\,\Phi_{134}^{2}\,\Phi_{67}\,\Phi_{16}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
79279	1274	460	$\frac{1}{92}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{460}^{3}\,\Phi_{230}^{3}\,\Phi_{115}^{3}\,\Phi_{92}^{2}\,\Phi_{46}^{2}\,\Phi_{23}^{2}\,\Phi_{20}^{3}\,\Phi_{10}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{1}^{2}$
79280	1274	2160	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{2160}\,\Phi_{720}\,\Phi_{432}\,\Phi_{270}\,\Phi_{240}\,\Phi_{144}\,\Phi_{135}\,\Phi_{90}\,\Phi_{54}\,\Phi_{48}\,\Phi_{45}\,\Phi_{30}\,\Phi_{18}\,\Phi_{15}\,\Phi_{6}$
79281	1274	684	$\frac{1}{19}$	$\frac{47}{684}$	$\frac{9}{38}$	$\frac{29}{76}$	$\Phi_{684}^{2}\,\Phi_{342}^{2}\,\Phi_{228}^{2}\,\Phi_{171}^{2}\,\Phi_{114}^{2}\,\Phi_{57}^{2}\,\Phi_{38}^{2}\,\Phi_{36}^{2}\,\Phi_{19}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
79282	1274	804	$\frac{1}{67}$	$\frac{167}{804}$	$\frac{33}{134}$	$\frac{101}{268}$	$\Phi_{804}^{2}\,\Phi_{402}^{2}\,\Phi_{201}^{2}\,\Phi_{134}^{2}\,\Phi_{67}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
79283	1274	480	$\frac{5}{96}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{480}^{3}\,\Phi_{240}^{3}\,\Phi_{160}^{3}\,\Phi_{120}^{2}\,\Phi_{96}^{2}\,\Phi_{80}^{3}\,\Phi_{60}^{3}\,\Phi_{48}^{2}\,\Phi_{40}^{2}\,\Phi_{32}^{2}\,\Phi_{30}^{3}\,\Phi_{24}\,\Phi_{20}^{3}\,\Phi_{16}^{2}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{10}^{3}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
79284	1274	1005	$\frac{1}{67}$	$\frac{66}{335}$	$\frac{269}{1005}$	$\frac{368}{1005}$	$\Phi_{1005}\,\Phi_{335}^{2}\,\Phi_{201}\,\Phi_{67}\,\Phi_{15}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
79285	1274	969	$\frac{1}{19}$	$\frac{18}{323}$	$\frac{305}{969}$	$\frac{332}{969}$	$\Phi_{969}\,\Phi_{323}^{2}\,\Phi_{57}\,\Phi_{51}\,\Phi_{19}\,\Phi_{17}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
79286	1274	690	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{690}^{3}\,\Phi_{345}\,\Phi_{230}^{3}\,\Phi_{138}^{2}\,\Phi_{115}\,\Phi_{69}\,\Phi_{46}^{2}\,\Phi_{30}^{3}\,\Phi_{10}^{3}\,\Phi_{6}^{2}\,\Phi_{2}^{2}$
79287	1274	828	$\frac{1}{92}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{828}^{2}\,\Phi_{414}^{2}\,\Phi_{276}\,\Phi_{207}^{2}\,\Phi_{138}\,\Phi_{69}\,\Phi_{36}^{2}\,\Phi_{18}^{2}\,\Phi_{12}\,\Phi_{6}$
79288	1274	150	$\frac{1}{50}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{150}^{9}\,\Phi_{75}^{9}\,\Phi_{50}^{8}\,\Phi_{30}^{9}\,\Phi_{25}^{8}\,\Phi_{15}^{7}\,\Phi_{10}^{8}\,\Phi_{6}^{9}\,\Phi_{5}^{6}\,\Phi_{3}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
79289	1274	744	$\frac{2}{93}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{744}^{2}\,\Phi_{372}^{2}\,\Phi_{248}^{2}\,\Phi_{186}^{2}\,\Phi_{124}^{2}\,\Phi_{62}^{2}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}$
79290	1274	714	$\frac{2}{51}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{714}^{2}\,\Phi_{357}^{2}\,\Phi_{238}^{2}\,\Phi_{119}^{2}\,\Phi_{102}^{2}\,\Phi_{42}\,\Phi_{34}^{2}\,\Phi_{21}\,\Phi_{6}$
79291	1274	1080	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{44}{135}$	$\frac{1}{3}$	$\Phi_{1080}^{2}\,\Phi_{540}^{2}\,\Phi_{270}^{2}\,\Phi_{216}^{2}\,\Phi_{108}^{2}\,\Phi_{54}^{2}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}$
79292	1274	696	$\frac{1}{29}$	$\frac{59}{696}$	$\frac{28}{87}$	$\frac{1}{3}$	$\Phi_{696}^{2}\,\Phi_{348}^{2}\,\Phi_{232}^{2}\,\Phi_{174}^{2}\,\Phi_{116}^{2}\,\Phi_{87}\,\Phi_{58}^{2}\,\Phi_{24}^{2}\,\Phi_{12}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}$
79293	1274	504	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{504}^{4}\,\Phi_{252}^{4}\,\Phi_{126}^{4}\,\Phi_{72}^{2}\,\Phi_{63}^{4}\,\Phi_{42}\,\Phi_{36}^{2}\,\Phi_{21}\,\Phi_{18}^{2}\,\Phi_{9}^{2}\,\Phi_{6}$
79294	1274	132	$\frac{1}{22}$	$\frac{3}{44}$	$\frac{41}{132}$	$\frac{1}{3}$	$\Phi_{132}^{7}\,\Phi_{66}^{8}\,\Phi_{44}^{14}\,\Phi_{33}^{8}\,\Phi_{22}^{14}\,\Phi_{12}^{7}\,\Phi_{11}^{14}\,\Phi_{6}^{8}\,\Phi_{4}^{14}\,\Phi_{3}^{7}\,\Phi_{2}^{14}\,\Phi_{1}^{14}$
79295	1274	660	$\frac{23}{660}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{660}^{2}\,\Phi_{330}^{2}\,\Phi_{220}^{2}\,\Phi_{165}^{2}\,\Phi_{132}^{2}\,\Phi_{110}^{2}\,\Phi_{66}^{2}\,\Phi_{60}^{2}\,\Phi_{55}^{2}\,\Phi_{44}^{2}\,\Phi_{33}\,\Phi_{30}^{2}\,\Phi_{22}^{2}\,\Phi_{20}^{2}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{10}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}$
79296	1274	450	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{450}^{4}\,\Phi_{225}^{4}\,\Phi_{150}\,\Phi_{90}^{4}\,\Phi_{75}\,\Phi_{45}^{4}\,\Phi_{30}\,\Phi_{18}^{2}\,\Phi_{15}\,\Phi_{9}^{2}\,\Phi_{6}$
79297	1274	870	$\frac{1}{58}$	$\frac{57}{290}$	$\frac{233}{870}$	$\frac{1}{3}$	$\Phi_{870}\,\Phi_{435}\,\Phi_{290}^{2}\,\Phi_{174}^{2}\,\Phi_{145}^{2}\,\Phi_{87}^{2}\,\Phi_{58}^{2}\,\Phi_{30}\,\Phi_{29}^{2}\,\Phi_{15}\,\Phi_{10}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
79298	1274	1200	$\frac{1}{50}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1200}^{2}\,\Phi_{600}^{2}\,\Phi_{240}^{2}\,\Phi_{150}\,\Phi_{120}^{2}\,\Phi_{75}\,\Phi_{48}\,\Phi_{30}\,\Phi_{24}\,\Phi_{15}\,\Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
79299	1274	1092	$\frac{3}{52}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{273}^2\ \Phi_{156}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{21}\ \Phi_6$
79300	1274	120	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{29}{120}$	$\frac{1}{3}$	$\Phi_{120}^{10}\ \Phi_{60}^{10}\ \Phi_{40}^{10}\ \Phi_{30}^{12}\ \Phi_{24}^{11}\ \Phi_{20}^{10}\ \Phi_{15}^{12}\ \Phi_{12}^{11}\ \Phi_{10}^{12}\ \Phi_8^{10}\ \Phi_6^{13}\ \Phi_5^{12}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
79301	1274	2112	$\frac{1}{22}$	$\frac{67}{704}$	$\frac{21}{88}$	$\frac{1}{3}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{192}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_6$
79302	1274	2508	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{199}{836}$	$\frac{1}{3}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{228}\ \Phi_{132}\ \Phi_{114}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
79303	1274	1344	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{1344}^2\ \Phi_{672}^2\ \Phi_{192}\ \Phi_{96}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
79304	1274	1629	$\frac{6}{181}$	$\frac{25}{181}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1629}\ \Phi_{181}\ \Phi_9^2\ \Phi_1^2$
79305	1274	216	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{216}^7\ \Phi_{108}^7\ \Phi_{72}^6\ \Phi_{54}^7\ \Phi_{36}^6\ \Phi_{24}^7\ \Phi_{18}^6\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
79306	1274	1629	$\frac{12}{181}$	$\frac{13}{181}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1629}\ \Phi_{181}\ \Phi_9^2\ \Phi_1^2$
79307	1274	630	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^3\ \Phi_{70}\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{10}\ \Phi_6$
79308	1274	348	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{25}{116}$	$\frac{1}{3}$	$\Phi_{348}^7\ \Phi_{174}^7\ \Phi_{87}\ \Phi_{12}^7\ \Phi_6^7$
79309	1274	255	$\frac{2}{51}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{255}^5\ \Phi_{85}^5\ \Phi_{51}^6\ \Phi_{17}^6\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
79310	1274	2280	$\frac{4}{95}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
79311	1274	1800	$\frac{2}{45}$	$\frac{1}{8}$	$\frac{43}{225}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{50}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
79312	1274	420	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{35}^4\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
79313	1274	330	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{19}{110}$	$\frac{1}{3}$	$\Phi_{330}^7\ \Phi_{165}^7\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}^7\ \Phi_{15}^7\ \Phi_6$
79314	1274	96	$\frac{5}{96}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{96}^{14}\ \Phi_{48}^{14}\ \Phi_{32}^{14}\ \Phi_{24}^{11}\ \Phi_{16}^{14}\ \Phi_{12}^{11}\ \Phi_8^{10}\ \Phi_6^{13}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
79315	1274	378	$\frac{1}{14}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{126}^4\ \Phi_{63}^4\ \Phi_{54}^2\ \Phi_{42}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6$
79316	1274	216	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{17}{108}$	$\frac{1}{3}$	$\Phi_{216}^8\ \Phi_{108}^6\ \Phi_{72}^4\ \Phi_{54}^6\ \Phi_{36}^2\ \Phi_{27}^6\ \Phi_{24}^5\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_9^4\ \Phi_8^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
79317	1274	1455	$\frac{6}{97}$	$\frac{2}{15}$	$\frac{13}{97}$	$\frac{1}{3}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{97}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
79318	1274	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^{12}\ \Phi_{30}^{12}\ \Phi_{24}^{13}\ \Phi_{20}^{12}\ \Phi_{12}^{13}\ \Phi_{10}^{12}\ \Phi_8^{12}\ \Phi_6^{13}\ \Phi_4^{12}\ \Phi_2^{12}$
79319	1274	1914	$\frac{43}{638}$	$\frac{79}{638}$	$\frac{85}{638}$	$\frac{1}{3}$	$\Phi_{1914}\ \Phi_{957}\ \Phi_{174}\ \Phi_{87}\ \Phi_{66}\ \Phi_{33}\ \Phi_6$
79320	1274	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{168}^{12}\ \Phi_{84}^{12}\ \Phi_{42}^{13}\ \Phi_{24}^6\ \Phi_{21}^{13}\ \Phi_{12}^6\ \Phi_6^7\ \Phi_3^6$
79321	1274	792	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{12}\ \Phi_6$
79322	1274	600	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{600}^4\ \Phi_{300}^3\ \Phi_{150}^3\ \Phi_{120}^2\ \Phi_{75}^3\ \Phi_{60}\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
79323	1274	360	$\frac{1}{24}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{23}{72}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{90}^5\ \Phi_{72}^6\ \Phi_{45}^5\ \Phi_{36}^6\ \Phi_{18}^6\ \Phi_{15}^2\ \Phi_9^6\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
79324	1274	95	$\frac{1}{19}$	$\frac{11}{95}$	$\frac{18}{95}$	$\frac{6}{19}$	$\Phi_{95}^{13}\ \Phi_{19}^{15}\ \Phi_5^{13}\ \Phi_1^{16}$
79325	1274	660	$\frac{1}{15}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{60}^3\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{30}^3\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
79326	1274	912	$\frac{1}{19}$	$\frac{29}{304}$	$\frac{9}{38}$	$\frac{275}{912}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{48}^2\ \Phi_{38}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
79327	1274	1746	$\frac{6}{97}$	$\frac{13}{97}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1746}\ \Phi_{873}\ \Phi_{97}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
79328	1274	360	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}\ \Phi_{90}^3\ \Phi_{72}^4\ \Phi_{60}\ \Phi_{45}^3\ \Phi_{40}\ \Phi_{36}^4\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9^2\ \Phi_6$
79329	1274	1890	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{135}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_6$
79330	1274	540	$\frac{1}{27}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}\ \Phi_{108}^3\ \Phi_{90}^3\ \Phi_{60}^2\ \Phi_{54}^3\ \Phi_{45}\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
79331	1274	462	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{42}^4\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{21}^4\ \Phi_6^2\ \Phi_3^2$
79332	1274	780	$\frac{3}{52}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
79333	1274	1552	$\frac{6}{97}$	$\frac{13}{97}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1552}\ \Phi_{776}\ \Phi_{97}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
79334	1274	240	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{240}^7\ \Phi_{120}^4\ \Phi_{80}^7\ \Phi_{60}^5\ \Phi_{48}^7\ \Phi_{40}^4\ \Phi_{30}^5\ \Phi_{24}^4\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_6^5\ \Phi_5^4\ \Phi_3^4$
79335	1274	760	$\frac{1}{19}$	$\frac{123}{760}$	$\frac{29}{152}$	$\frac{9}{38}$	$\Phi_{760}^2\ \Phi_{380}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{40}^2\ \Phi_{38}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
79336	1274	960	$\frac{1}{16}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{15}{64}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}\ \Phi_{192}^2\ \Phi_{160}\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
79337	1274	57	$\frac{5}{57}$	$\frac{8}{57}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{57}^{22}\ \Phi_{19}^{23}\ \Phi_3^{22}\ \Phi_1^{24}$
79338	1274	60	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{11}{60}$	$\frac{1}{5}$	$\Phi_{60}^{21}\ \Phi_{30}^{21}\ \Phi_{20}^{21}\ \Phi_{15}^{23}\ \Phi_{12}^{20}\ \Phi_{10}^{21}\ \Phi_6^{20}\ \Phi_5^{22}\ \Phi_4^{20}\ \Phi_3^{22}\ \Phi_2^{20}\ \Phi_1^{22}$
79339	1274	270	$\frac{5}{54}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{270}^5\ \Phi_{135}^5\ \Phi_{90}^5\ \Phi_{54}^6\ \Phi_{45}^5\ \Phi_{27}^6\ \Phi_{18}^6\ \Phi_{15}^2\ \Phi_9^6\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
79340	1274	120	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^6\ \Phi_{30}^{12}\ \Phi_{24}^{12}\ \Phi_{20}^6\ \Phi_{15}^{14}\ \Phi_{12}^{12}\ \Phi_{10}^6\ \Phi_8^{12}\ \Phi_6^{12}\ \Phi_5^7\ \Phi_4^{12}\ \Phi_3^{14}\ \Phi_2^{12}\ \Phi_1^{14}$
79341	1275	1016	$\frac{1}{254}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{253}{508}$	$\Phi_{1016}^2\ \Phi_{508}\ \Phi_8^3\ \Phi_4\ \Phi_1$
79342	1275	1692	$\frac{2}{423}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{421}{846}$	$\Phi_{1692}\ \Phi_{564}\ \Phi_{423}\ \Phi_{188}\ \Phi_{141}\ \Phi_{47}\ \Phi_{36}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
79343	1275	728	$\frac{1}{182}$	$\frac{61}{364}$	$\frac{303}{728}$	$\frac{181}{364}$	$\Phi_{728}^3\ \Phi_{364}\ \Phi_{104}^3\ \Phi_{56}^3\ \Phi_{52}\ \Phi_{28}\ \Phi_8^3\ \Phi_4\ \Phi_1$
79344	1275	568	$\frac{1}{142}$	$\frac{1}{4}$	$\frac{143}{568}$	$\frac{141}{284}$	$\Phi_{568}^3\ \Phi_{284}^2\ \Phi_{142}\ \Phi_{71}\ \Phi_8^3\ \Phi_4\ \Phi_1$
79345	1275	784	$\frac{1}{98}$	$\frac{33}{392}$	$\frac{359}{784}$	$\frac{97}{196}$	$\Phi_{784}^3\ \Phi_{196}\ \Phi_{112}^3\ \Phi_{28}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
79346	1275	588	$\frac{1}{98}$	$\frac{33}{196}$	$\frac{163}{588}$	$\frac{97}{196}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{196}\ \Phi_{147}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{28}\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
79347	1275	1568	$\frac{1}{98}$	$\frac{293}{1568}$	$\frac{99}{392}$	$\frac{97}{196}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{224}\ \Phi_{196}\ \Phi_{112}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_4\ \Phi_1$
79348	1275	168	$\frac{1}{84}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{83}{168}$	$\Phi_{168}^{15}\ \Phi_{56}^{15}\ \Phi_{28}\ \Phi_{24}^{15}\ \Phi_8^{15}\ \Phi_4\ \Phi_1$
79349	1275	168	$\frac{1}{84}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{83}{168}$	$\Phi_{168}^{15}\ \Phi_{56}^{15}\ \Phi_{24}^{15}\ \Phi_8^{15}\ \Phi_7^2\ \Phi_1^3$
79350	1275	168	$\frac{1}{84}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{83}{168}$	$\Phi_{168}^{15}\ \Phi_{56}^{15}\ \Phi_{24}^{15}\ \Phi_{12}^2\ \Phi_8^{15}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
79351	1275	1184	$\frac{1}{74}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{73}{148}$	$\Phi_{1184}^2\ \Phi_{148}\ \Phi_{32}^3\ \Phi_4\ \Phi_1$
79352	1275	888	$\frac{1}{74}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{73}{148}$	$\Phi_{888}^2\ \Phi_{444}^2\ \Phi_{222}^2\ \Phi_{148}\ \Phi_{111}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
79353	1275	740	$\frac{1}{74}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{73}{148}$	$\Phi_{740}^2\ \Phi_{370}^2\ \Phi_{185}^2\ \Phi_{148}\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
79354	1275	1708	$\frac{6}{427}$	$\frac{1}{7}$	$\frac{433}{1708}$	$\frac{421}{854}$	$\Phi_{1708}\ \Phi_{427}\ \Phi_{244}\ \Phi_{61}\ \Phi_{28}\ \Phi_4\ \Phi_1$
79355	1275	1200	$\frac{1}{50}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{49}{100}$	$\Phi_{1200}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{100}\ \Phi_{80}^2\ \Phi_{48}^3\ \Phi_{20}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
79356	1275	2700	$\frac{1}{50}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{180}\ \Phi_{108}\ \Phi_{100}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_9\ \Phi_4\ \Phi_1$
79357	1275	900	$\frac{1}{50}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{49}{100}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{100}\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{20}\ \Phi_{18}^3\ \Phi_9^3\ \Phi_4\ \Phi_1$
79358	1275	700	$\frac{1}{50}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{49}{100}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{140}^2\ \Phi_{100}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{20}\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4\ \Phi_1$
79359	1275	800	$\frac{1}{50}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{49}{100}$	$\Phi_{800}^2\ \Phi_{400}^2\ \Phi_{160}^2\ \Phi_{100}\ \Phi_{80}^2\ \Phi_{32}^3\ \Phi_{20}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
79360	1275	300	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{49}{100}$	$\Phi_{300}^8\ \Phi_{100}^9\ \Phi_{60}^8\ \Phi_{20}^9\ \Phi_{12}^8\ \Phi_6^4\ \Phi_4^9\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
79361	1275	832	$\frac{9}{416}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{407}{832}$	$\Phi_{832}^3\ \Phi_{64}^3\ \Phi_{52}\ \Phi_4\ \Phi_1$
79362	1275	832	$\frac{9}{416}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{407}{832}$	$\Phi_{832}^3\ \Phi_{64}^3\ \Phi_{13}^2\ \Phi_1^3$
79363	1275	572	$\frac{4}{143}$	$\frac{1}{13}$	$\frac{147}{572}$	$\frac{139}{286}$	$\Phi_{572}^3\ \Phi_{143}^3\ \Phi_{52}^3\ \Phi_{44}^3\ \Phi_{13}^2\ \Phi_{11}^3\ \Phi_4^3\ \Phi_1^3$
79364	1275	1488	$\frac{7}{248}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{241}{496}$	$\Phi_{1488}^2\ \Phi_{496}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
79365	1275	2464	$\frac{43}{1232}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1189}{2464}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{224}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
79366	1275	624	$\frac{1}{26}$	$\frac{9}{208}$	$\frac{199}{624}$	$\frac{25}{52}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{52}\ \Phi_{48}^3\ \Phi_{39}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
79367	1275	1352	$\frac{1}{26}$	$\frac{77}{1352}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{1352}\ \Phi_{676}\ \Phi_{338}\ \Phi_{169}\ \Phi_{52}\ \Phi_4\ \Phi_1$
79368	1275	1664	$\frac{1}{26}$	$\frac{27}{416}$	$\frac{389}{1664}$	$\frac{25}{52}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{128}\ \Phi_{64}\ \Phi_{52}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
79369	1275	104	$\frac{1}{26}$	$\frac{9}{104}$	$\frac{19}{104}$	$\frac{25}{52}$	$\Phi_{104}^{12}\ \Phi_{52}^{13}\ \Phi_{26}^{12}\ \Phi_{13}^{12}\ \Phi_{8}^{12}\ \Phi_{4}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
79370	1275	468	$\frac{1}{26}$	$\frac{43}{468}$	$\frac{9}{52}$	$\frac{25}{52}$	$\Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{156}^{3}\ \Phi_{117}^{3}\ \Phi_{78}^{3}\ \Phi_{52}\ \Phi_{39}^{3}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
79371	1275	1456	$\frac{1}{26}$	$\frac{181}{1456}$	$\frac{27}{208}$	$\frac{25}{52}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{112}\ \Phi_{91}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
79372	1275	196	$\frac{2}{49}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{47}{98}$	$\Phi_{196}^{7}\ \Phi_{98}^{4}\ \Phi_{49}^{7}\ \Phi_{28}^{9}\ \Phi_{14}^{6}\ \Phi_{7}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
79373	1275	1200	$\frac{1}{25}$	$\frac{1}{24}$	$\frac{8}{25}$	$\frac{23}{48}$	$\Phi_{1200}^{2}\ \Phi_{400}^{2}\ \Phi_{240}^{2}\ \Phi_{80}^{2}\ \Phi_{48}^{3}\ \Phi_{25}^{2}\ \Phi_{16}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
79374	1275	144	$\frac{1}{24}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{144}^{18}\ \Phi_{48}^{15}\ \Phi_{36}^{2}\ \Phi_{18}\ \Phi_{16}^{15}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
79375	1275	2640	$\frac{1}{24}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{176}\ \Phi_{55}\ \Phi_{48}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
79376	1275	240	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{23}{48}$	$\Phi_{240}^{10}\ \Phi_{80}^{10}\ \Phi_{48}^{11}\ \Phi_{20}^{3}\ \Phi_{16}^{11}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
79377	1275	91	$\frac{5}{91}$	$\frac{6}{91}$	$\frac{16}{91}$	$\frac{43}{91}$	$\Phi_{91}^{14}\ \Phi_{13}^{14}\ \Phi_{7}^{14}\ \Phi_{1}^{15}$
79378	1275	1184	$\frac{1}{37}$	$\frac{1}{16}$	$\frac{12}{37}$	$\frac{15}{32}$	$\Phi_{1184}^{2}\ \Phi_{37}^{2}\ \Phi_{32}^{3}\ \Phi_{1}^{3}$
79379	1275	416	$\frac{1}{26}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{416}^{6}\ \Phi_{52}^{2}\ \Phi_{32}^{3}\ \Phi_{26}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
79380	1275	1184	$\frac{2}{37}$	$\frac{1}{16}$	$\frac{7}{37}$	$\frac{15}{32}$	$\Phi_{1184}^{2}\ \Phi_{37}^{2}\ \Phi_{32}^{3}\ \Phi_{1}^{3}$
79381	1275	96	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{96}^{30}\ \Phi_{48}^{2}\ \Phi_{32}^{15}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
79382	1275	2436	$\frac{2}{87}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{348}\ \Phi_{116}\ \Phi_{87}\ \Phi_{29}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
79383	1275	252	$\frac{1}{42}$	$\frac{1}{14}$	$\frac{41}{126}$	$\frac{13}{28}$	$\Phi_{252}^{14}\ \Phi_{126}\ \Phi_{63}\ \Phi_{36}^{14}\ \Phi_{28}\ \Phi_{18}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
79384	1275	616	$\frac{3}{88}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{616}^{2}\ \Phi_{308}^{2}\ \Phi_{154}^{2}\ \Phi_{88}^{3}\ \Phi_{77}^{2}\ \Phi_{56}^{2}\ \Phi_{44}^{3}\ \Phi_{28}\ \Phi_{22}^{3}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
79385	1275	112	$\frac{1}{28}$	$\frac{1}{14}$	$\frac{27}{112}$	$\frac{13}{28}$	$\Phi_{112}^{15}\ \Phi_{56}^{15}\ \Phi_{28}\ \Phi_{16}^{15}\ \Phi_{8}^{15}\ \Phi_{4}\ \Phi_{1}$
79386	1275	84	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{4}{21}$	$\frac{13}{28}$	$\Phi_{84}^{28}\ \Phi_{28}^{29}\ \Phi_{21}^{4}\ \Phi_{12}^{28}\ \Phi_{7}^{4}\ \Phi_{4}^{29}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
79387	1275	448	$\frac{23}{448}$	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{448}^{3}\ \Phi_{224}^{3}\ \Phi_{112}^{3}\ \Phi_{64}^{3}\ \Phi_{56}^{3}\ \Phi_{32}^{3}\ \Phi_{28}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
79388	1275	252	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{252}^{10}\ \Phi_{84}^{8}\ \Phi_{36}^{10}\ \Phi_{28}^{9}\ \Phi_{18}^{5}\ \Phi_{12}^{8}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{9}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
79389	1275	504	$\frac{5}{84}$	$\frac{1}{14}$	$\frac{79}{504}$	$\frac{13}{28}$	$\Phi_{504}^{3}\ \Phi_{252}^{3}\ \Phi_{168}^{3}\ \Phi_{126}^{3}\ \Phi_{72}^{3}\ \Phi_{63}^{3}\ \Phi_{56}^{3}\ \Phi_{36}^{3}\ \Phi_{28}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
79390	1275	364	$\frac{6}{91}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{364}^{7}\ \Phi_{91}\ \Phi_{52}^{7}\ \Phi_{28}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
79391	1275	196	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{13}{28}$	$\Phi_{196}^{14}\ \Phi_{98}\ \Phi_{49}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
79392	1275	672	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{13}{28}$	$\Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{224}^{2}\ \Phi_{168}^{2}\ \Phi_{112}^{2}\ \Phi_{96}^{3}\ \Phi_{56}^{2}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{28}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
79393	1275	56	$\frac{1}{14}$	$\frac{5}{56}$	$\frac{3}{28}$	$\frac{13}{28}$	$\Phi_{56}^{25}\ \Phi_{28}^{21}\ \Phi_{14}^{20}\ \Phi_{8}^{25}\ \Phi_{7}^{20}\ \Phi_{4}^{21}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
79394	1275	286	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{31}{286}$	$\frac{131}{286}$	$\Phi_{286}^{4}\ \Phi_{143}^{5}\ \Phi_{26}^{4}\ \Phi_{22}^{4}\ \Phi_{13}^{4}\ \Phi_{11}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
79395	1275	784	$\frac{1}{49}$	$\frac{33}{392}$	$\frac{16}{49}$	$\frac{359}{784}$	$\Phi_{784}^{3}\ \Phi_{112}^{3}\ \Phi_{49}^{2}\ \Phi_{16}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
79396	1275	156	$\frac{1}{26}$	$\frac{7}{78}$	$\frac{5}{26}$	$\frac{71}{156}$	$\Phi_{156}^{15}\ \Phi_{52}^{15}\ \Phi_{26}^{4}\ \Phi_{13}^{4}\ \Phi_{12}^{15}\ \Phi_{4}^{15}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
79397	1275	156	$\frac{1}{13}$	$\frac{7}{78}$	$\frac{4}{39}$	$\frac{71}{156}$	$\Phi_{156}^{15}\ \Phi_{52}^{15}\ \Phi_{39}^{3}\ \Phi_{13}^{2}\ \Phi_{12}^{15}\ \Phi_{4}^{15}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
79398	1275	104	$\frac{1}{26}$	$\frac{5}{52}$	$\frac{19}{104}$	$\frac{47}{104}$	$\Phi_{104}^{10}\ \Phi_{52}^{15}\ \Phi_{26}^{14}\ \Phi_{13}^{14}\ \Phi_{8}^{10}\ \Phi_{4}^{15}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
79399	1275	468	$\frac{1}{13}$	$\frac{43}{468}$	$\frac{4}{39}$	$\frac{35}{78}$	$\Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{156}^{3}\ \Phi_{117}^{3}\ \Phi_{52}^{3}\ \Phi_{39}^{3}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{13}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
79400	1275	588	$\frac{1}{49}$	$\frac{16}{147}$	$\frac{163}{588}$	$\frac{131}{294}$	$\Phi_{588}^{3}\ \Phi_{196}^{3}\ \Phi_{147}^{3}\ \Phi_{84}^{3}\ \Phi_{49}^{2}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
79401	1275	2288	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{131}{1144}$	$\frac{1013}{2288}$	$\Phi_{2288}\ \Phi_{208}\ \Phi_{176}\ \Phi_{143}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
79402	1275	91	$\frac{3}{91}$	$\frac{11}{91}$	$\frac{16}{91}$	$\frac{40}{91}$	$\Phi_{91}^{14}\ \Phi_{13}^{14}\ \Phi_{7}^{14}\ \Phi_{1}^{15}$
79403	1275	1140	$\frac{1}{76}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}^{2}\ \Phi_{190}\ \Phi_{114}^{2}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}^{2}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
79404	1275	1344	$\frac{1}{32}$	$\frac{31}{224}$	$\frac{1}{6}$	$\frac{193}{448}$	$\Phi_{1344}^{2}\ \Phi_{448}\ \Phi_{192}^{2}\ \Phi_{96}^{2}\ \Phi_{64}\ \Phi_{48}^{2}\ \Phi_{32}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
79405	1275	259	$\frac{4}{259}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{259}^{5}\ \Phi_{37}^{5}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
79406	1275	231	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{231}^{7}\ \Phi_{77}^{3}\ \Phi_{33}^{7}\ \Phi_{21}^{5}\ \Phi_{11}^{3}\ \Phi_{7}^{2}\ \Phi_{3}^{5}\ \Phi_{1}^{3}$
79407	1275	456	$\frac{1}{76}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{456}^{4}\ \Phi_{228}^{2}\ \Phi_{152}^{4}\ \Phi_{114}^{2}\ \Phi_{76}\ \Phi_{57}^{2}\ \Phi_{38}\ \Phi_{24}^{3}\ \Phi_{19}\ \Phi_{12}^{2}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
79408	1275	432	$\frac{7}{432}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{432}^{3}\ \Phi_{216}^{3}\ \Phi_{144}^{3}\ \Phi_{108}^{3}\ \Phi_{72}^{3}\ \Phi_{54}^{3}\ \Phi_{48}^{3}\ \Phi_{36}^{3}\ \Phi_{27}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
79409	1275	728	$\frac{1}{91}$	$\frac{61}{364}$	$\frac{30}{91}$	$\frac{303}{728}$	$\Phi_{728}^{3}\ \Phi_{104}^{3}\ \Phi_{91}^{2}\ \Phi_{56}^{3}\ \Phi_{13}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
79410	1275	284	$\frac{1}{71}$	$\frac{14}{71}$	$\frac{1}{4}$	$\frac{57}{142}$	$\Phi_{284}^{6}\ \Phi_{142}\ \Phi_{71}^{5}\ \Phi_{4}^{5}\ \Phi_{1}^{5}$
79411	1275	364	$\frac{1}{91}$	$\frac{18}{91}$	$\frac{109}{364}$	$\frac{73}{182}$	$\Phi_{364}^{5}\ \Phi_{91}^{4}\ \Phi_{52}^{5}\ \Phi_{28}^{5}\ \Phi_{13}^{4}\ \Phi_{7}^{4}\ \Phi_{4}^{5}\ \Phi_{1}^{5}$
79412	1275	308	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{308}^{7}\ \Phi_{77}^{3}\ \Phi_{44}^{7}\ \Phi_{28}^{5}\ \Phi_{11}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{5}\ \Phi_{1}^{3}$
79413	1275	416	$\frac{1}{26}$	$\frac{5}{52}$	$\frac{47}{208}$	$\frac{161}{416}$	$\Phi_{416}^{5}\ \Phi_{52}^{5}\ \Phi_{32}^{5}\ \Phi_{26}^{4}\ \Phi_{13}^{4}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
79414	1275	448	$\frac{23}{448}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{448}^{3}\ \Phi_{224}^{3}\ \Phi_{112}^{2}\ \Phi_{64}^{3}\ \Phi_{56}^{3}\ \Phi_{32}^{3}\ \Phi_{28}^{3}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
79415	1275	1016	$\frac{1}{127}$	$\frac{1}{4}$	$\frac{42}{127}$	$\frac{3}{8}$	$\Phi_{1016}^{2}\ \Phi_{127}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
79416	1275	344	$\frac{1}{86}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{344}^{6}\ \Phi_{172}^{2}\ \Phi_{86}\ \Phi_{43}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
79417	1275	1016	$\frac{2}{127}$	$\frac{25}{127}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1016}^{2}\ \Phi_{127}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
79418	1275	312	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^{8}\ \Phi_{156}^{2}\ \Phi_{104}^{4}\ \Phi_{78}^{2}\ \Phi_{52}\ \Phi_{39}^{2}\ \Phi_{26}\ \Phi_{24}^{6}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
79419	1275	728	$\frac{1}{26}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{728}^{2}\ \Phi_{364}^{2}\ \Phi_{182}^{2}\ \Phi_{91}^{2}\ \Phi_{56}\ \Phi_{52}^{2}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}\ \Phi_{13}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
79420	1275	1016	$\frac{7}{127}$	$\frac{8}{127}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1016}^{2}\ \Phi_{127}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
79421	1275	144	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{144}^{10}\ \Phi_{72}^{8}\ \Phi_{48}^{10}\ \Phi_{36}^{10}\ \Phi_{24}^{8}\ \Phi_{18}^{9}\ \Phi_{16}^{5}\ \Phi_{12}^{10}\ \Phi_{9}^{9}\ \Phi_{8}^{4}\ \Phi_{6}^{9}\ \Phi_{4}^{5}\ \Phi_{3}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
79422	1275	434	$\frac{9}{434}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{434}^{3}\ \Phi_{217}^{3}\ \Phi_{62}^{3}\ \Phi_{31}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
79423	1275	26	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{26}^{48}\ \Phi_{13}^{50}\ \Phi_{2}^{48}\ \Phi_{1}^{51}$
79424	1275	342	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{342}^{4}\ \Phi_{171}^{4}\ \Phi_{114}^{4}\ \Phi_{57}^{4}\ \Phi_{38}\ \Phi_{19}^{3}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
79425	1275	91	$\frac{4}{91}$	$\frac{6}{91}$	$\frac{29}{91}$	$\frac{31}{91}$	$\Phi_{91}^{14}\ \Phi_{13}^{14}\ \Phi_{7}^{14}\ \Phi_{1}^{15}$
79426	1275	644	$\frac{13}{322}$	$\frac{1}{14}$	$\frac{103}{322}$	$\frac{219}{644}$	$\Phi_{644}^{3}\ \Phi_{322}\ \Phi_{161}\ \Phi_{92}^{3}\ \Phi_{46}\ \Phi_{28}^{3}\ \Phi_{23}\ \Phi_{4}^{3}\ \Phi_{1}$
79427	1275	98	$\frac{1}{49}$	$\frac{13}{98}$	$\frac{16}{49}$	$\frac{33}{98}$	$\Phi_{98}^{12}\ \Phi_{49}^{14}\ \Phi_{14}^{12}\ \Phi_{7}^{14}\ \Phi_{2}^{12}\ \Phi_{1}^{15}$
79428	1275	384	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{21}{64}$	$\frac{43}{128}$	$\Phi_{384}^{6}\ \Phi_{192}^{2}\ \Phi_{128}^{3}\ \Phi_{96}^{2}\ \Phi_{64}\ \Phi_{48}^{2}\ \Phi_{32}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
79429	1275	546	$\frac{1}{91}$	$\frac{121}{546}$	$\frac{30}{91}$	$\frac{61}{182}$	$\Phi_{546}^{3}\ \Phi_{273}^{3}\ \Phi_{91}^{2}\ \Phi_{78}^{3}\ \Phi_{42}^{3}\ \Phi_{39}^{3}\ \Phi_{21}^{3}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
79430	1275	675	$\frac{1}{25}$	$\frac{2}{27}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{675}^{2}\ \Phi_{225}^{2}\ \Phi_{135}^{2}\ \Phi_{45}^{2}\ \Phi_{27}^{3}\ \Phi_{25}^{2}\ \Phi_{9}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
79431	1275	609	$\frac{2}{87}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{609}^{2}\ \Phi_{203}^{2}\ \Phi_{87}^{3}\ \Phi_{29}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
79432	1275	564	$\frac{2}{141}$	$\frac{139}{564}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{564}^{2}\ \Phi_{282}^{2}\ \Phi_{188}^{2}\ \Phi_{141}^{3}\ \Phi_{94}^{2}\ \Phi_{47}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
79433	1275	432	$\frac{7}{432}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{432}^{3}\ \Phi_{216}^{3}\ \Phi_{144}^{3}\ \Phi_{108}^{3}\ \Phi_{72}^{3}\ \Phi_{54}^{3}\ \Phi_{48}^{3}\ \Phi_{36}^{2}\ \Phi_{27}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{2}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
79434	1275	348	$\frac{2}{87}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{348}^{5}\ \Phi_{174}^{2}\ \Phi_{116}^{5}\ \Phi_{87}^{3}\ \Phi_{58}^{2}\ \Phi_{29}^{3}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
79435	1275	108	$\frac{1}{18}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{108}^{17}\ \Phi_{54}^{8}\ \Phi_{36}^{13}\ \Phi_{27}^{9}\ \Phi_{18}^{6}\ \Phi_{12}^{14}\ \Phi_{9}^{7}\ \Phi_{6}^{7}\ \Phi_{4}^{13}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
79436	1275	1485	$\frac{4}{55}$	$\frac{2}{27}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{99}\ \Phi_{55}\ \Phi_{27}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
79437	1275	540	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{3}$	$\Phi_{540}^{3}\ \Phi_{270}^{2}\ \Phi_{180}^{3}\ \Phi_{135}^{2}\ \Phi_{108}^{3}\ \Phi_{90}^{2}\ \Phi_{54}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{3}\ \Phi_{27}^{3}\ \Phi_{20}^{3}\ \Phi_{18}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
79438	1275	588	$\frac{1}{49}$	$\frac{33}{196}$	$\frac{163}{588}$	$\frac{16}{49}$	$\Phi_{588}^{3}\ \Phi_{294}^{3}\ \Phi_{147}^{3}\ \Phi_{84}^{3}\ \Phi_{49}^{2}\ \Phi_{42}^{3}\ \Phi_{21}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
79439	1275	126	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{41}{126}$	$\Phi_{126}^{15}\ \Phi_{63}^{15}\ \Phi_{18}^{15}\ \Phi_{9}^{15}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
79440	1275	252	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{41}{126}$	$\Phi_{252}^{10}\ \Phi_{126}^{5}\ \Phi_{63}^{5}\ \Phi_{36}^{10}\ \Phi_{18}^{5}\ \Phi_{12}^{2}\ \Phi_{9}^{5}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
79441	1275	888	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{12}{37}$	$\Phi_{888}^{2}\ \Phi_{444}^{2}\ \Phi_{222}^{2}\ \Phi_{111}^{2}\ \Phi_{37}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
79442	1275	740	$\frac{1}{37}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{12}{37}$	$\Phi_{740}^{2}\ \Phi_{370}^{2}\ \Phi_{185}^{2}\ \Phi_{37}^{2}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
79443	1275	900	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{8}{25}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{225}^{2}\ \Phi_{180}^{2}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{3}\ \Phi_{25}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
79444	1275	700	$\frac{1}{25}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{8}{25}$	$\Phi_{700}^{2}\ \Phi_{350}^{2}\ \Phi_{175}^{2}\ \Phi_{140}^{2}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{3}\ \Phi_{25}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
79445	1275	800	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{8}{25}$	$\Phi_{800}^{2}\ \Phi_{400}^{2}\ \Phi_{160}^{2}\ \Phi_{80}^{2}\ \Phi_{32}^{3}\ \Phi_{25}^{2}\ \Phi_{16}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
79446	1275	150	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{8}{25}$	$\Phi_{150}^{8}\ \Phi_{75}^{8}\ \Phi_{50}^{8}\ \Phi_{30}^{8}\ \Phi_{25}^{10}\ \Phi_{15}^{8}\ \Phi_{10}^{8}\ \Phi_{6}^{12}\ \Phi_{5}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{15}$
79447	1275	624	$\frac{9}{208}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{199}{624}$	$\Phi_{624}^{3}\ \Phi_{312}^{3}\ \Phi_{156}^{3}\ \Phi_{78}^{3}\ \Phi_{48}^{3}\ \Phi_{39}^{3}\ \Phi_{24}^{3}\ \Phi_{13}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
79448	1275	637	$\frac{31}{637}$	$\frac{87}{637}$	$\frac{110}{637}$	$\frac{202}{637}$	$\Phi_{637}^{2}\ \Phi_{91}^{2}\ \Phi_{49}^{2}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
79449	1275	768	$\frac{13}{256}$	$\frac{35}{256}$	$\frac{1}{6}$	$\frac{81}{256}$	$\Phi_{768}^{2}\ \Phi_{384}^{2}\ \Phi_{256}\ \Phi_{192}^{2}\ \Phi_{128}\ \Phi_{96}^{2}\ \Phi_{64}\ \Phi_{48}^{2}\ \Phi_{32}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
79450	1275	96	$\frac{1}{16}$	$\frac{11}{96}$	$\frac{1}{6}$	$\frac{5}{16}$	$\Phi_{96}^{15}\ \Phi_{48}^{11}\ \Phi_{32}^{15}\ \Phi_{24}^{11}\ \Phi_{16}^{13}\ \Phi_{12}^{11}\ \Phi_{8}^{13}\ \Phi_{6}^{10}\ \Phi_{4}^{13}\ \Phi_{3}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
79451	1275	616	$\frac{43}{616}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{191}{616}$	$\Phi_{616}^{2}\ \Phi_{308}^{2}\ \Phi_{154}^{2}\ \Phi_{88}^{2}\ \Phi_{77}^{2}\ \Phi_{56}^{3}\ \Phi_{44}^{2}\ \Phi_{28}^{3}\ \Phi_{22}^{2}\ \Phi_{14}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
79452	1275	91	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{91}^{15}\ \Phi_{13}^{8}\ \Phi_{7}^{15}\ \Phi_{1}^{9}$
79453	1275	104	$\frac{1}{13}$	$\frac{9}{104}$	$\frac{19}{104}$	$\frac{4}{13}$	$\Phi_{104}^{12}\ \Phi_{52}^{12}\ \Phi_{26}^{12}\ \Phi_{13}^{14}\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{15}$
79454	1275	468	$\frac{1}{13}$	$\frac{43}{468}$	$\frac{9}{52}$	$\frac{4}{13}$	$\Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{156}^{3}\ \Phi_{117}^{3}\ \Phi_{78}^{3}\ \Phi_{39}^{3}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{13}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
79455	1275	36	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{36}^{35}\ \Phi_{18}^{34}\ \Phi_{12}^{38}\ \Phi_{9}^{34}\ \Phi_{6}^{37}\ \Phi_{4}^{37}\ \Phi_{3}^{37}\ \Phi_{2}^{36}\ \Phi_{1}^{37}$
79456	1275	1980	$\frac{4}{55}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{55}\ \Phi_{36}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
79457	1275	180	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{11}{36}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{45}^{10}\ \Phi_{36}^{11}\ \Phi_{20}^{3}\ \Phi_{18}^{11}\ \Phi_{10}^{2}\ \Phi_{9}^{11}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
79458	1275	312	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{312}^{6}\ \Phi_{156}^{6}\ \Phi_{78}^{6}\ \Phi_{52}^{2}\ \Phi_{39}^{6}\ \Phi_{26}\ \Phi_{24}^{3}\ \Phi_{13}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
79459	1275	888	$\frac{2}{37}$	$\frac{1}{8}$	$\frac{7}{37}$	$\frac{7}{24}$	$\Phi_{888}^{2}\ \Phi_{444}^{2}\ \Phi_{222}^{2}\ \Phi_{111}^{2}\ \Phi_{37}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
79460	1275	48	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{48}^{26}\ \Phi_{24}^{23}\ \Phi_{16}^{33}\ \Phi_{12}^{23}\ \Phi_{8}^{29}\ \Phi_{6}^{22}\ \Phi_{4}^{29}\ \Phi_{3}^{22}\ \Phi_{2}^{28}\ \Phi_{1}^{29}$
79461	1275	616	$\frac{3}{88}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{616}^{2}\ \Phi_{308}^{2}\ \Phi_{154}^{2}\ \Phi_{88}^{3}\ \Phi_{77}^{2}\ \Phi_{56}^{2}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
79462	1275	112	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{27}{112}$	$\frac{2}{7}$	$\Phi_{112}^{15}\ \Phi_{56}^{15}\ \Phi_{16}^{15}\ \Phi_{8}^{15}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
79463	1275	441	$\frac{16}{441}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{441}^{3}\ \Phi_{147}^{3}\ \Phi_{63}^{3}\ \Phi_{49}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
79464	1275	266	$\frac{11}{266}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{266}^{5}\ \Phi_{133}^{5}\ \Phi_{38}^{5}\ \Phi_{19}^{5}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
79465	1275	21	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{2}{7}$	$\Phi_{21}^{60}\ \Phi_{7}^{62}\ \Phi_{3}^{60}\ \Phi_{1}^{63}$
79466	1275	448	$\frac{23}{448}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{448}^{3}\ \Phi_{224}^{3}\ \Phi_{112}^{3}\ \Phi_{64}^{3}\ \Phi_{56}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
79467	1275	126	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{126}^{10}\ \Phi_{63}^{10}\ \Phi_{42}^{8}\ \Phi_{21}^{8}\ \Phi_{18}^{15}\ \Phi_{14}^{8}\ \Phi_{9}^{15}\ \Phi_{7}^{10}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{15}$
79468	1275	504	$\frac{5}{84}$	$\frac{1}{7}$	$\frac{79}{504}$	$\frac{2}{7}$	$\Phi_{504}^{3}\ \Phi_{252}^{3}\ \Phi_{168}^{3}\ \Phi_{126}^{3}\ \Phi_{72}^{3}\ \Phi_{63}^{3}\ \Phi_{56}^{3}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
79469	1275	91	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{91}^{15}\ \Phi_{13}^{15}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
79470	1275	98	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{98}^{15}\ \Phi_{49}^{15}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
79471	1275	462	$\frac{37}{462}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{462}^{3}\ \Phi_{231}^{3}\ \Phi_{154}^{3}\ \Phi_{77}^{3}\ \Phi_{66}^{3}\ \Phi_{33}^{3}\ \Phi_{22}^{3}\ \Phi_{11}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
79472	1275	672	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{224}^{2}\ \Phi_{168}^{2}\ \Phi_{112}^{2}\ \Phi_{96}^{3}\ \Phi_{56}^{2}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
79473	1275	56	$\frac{5}{56}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{56}^{25}\ \Phi_{28}^{20}\ \Phi_{14}^{20}\ \Phi_{8}^{25}\ \Phi_{7}^{22}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{23}$
79474	1275	637	$\frac{27}{637}$	$\frac{103}{637}$	$\frac{122}{637}$	$\frac{178}{637}$	$\Phi_{637}^{2}\ \Phi_{91}^{2}\ \Phi_{49}^{2}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
79475	1275	684	$\frac{1}{18}$	$\frac{11}{76}$	$\frac{13}{76}$	$\frac{21}{76}$	$\Phi_{684}^{2}\ \Phi_{342}^{2}\ \Phi_{228}^{2}\ \Phi_{171}^{2}\ \Phi_{114}^{2}\ \Phi_{76}\ \Phi_{57}^{2}\ \Phi_{38}\ \Phi_{36}^{2}\ \Phi_{19}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
79476	1275	91	$\frac{6}{91}$	$\frac{11}{91}$	$\frac{16}{91}$	$\frac{25}{91}$	$\Phi_{91}^{14}\ \Phi_{13}^{14}\ \Phi_{7}^{14}\ \Phi_{1}^{15}$
79477	1275	117	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{32}{117}$	$\Phi_{117}^{15}\ \Phi_{39}^{3}\ \Phi_{13}^{2}\ \Phi_{9}^{15}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
79478	1275	637	$\frac{32}{637}$	$\frac{93}{637}$	$\frac{121}{637}$	$\frac{172}{637}$	$\Phi_{637}^{2}\ \Phi_{91}^{2}\ \Phi_{49}^{2}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
79479	1275	768	$\frac{11}{256}$	$\frac{1}{6}$	$\frac{49}{256}$	$\frac{69}{256}$	$\Phi_{768}^{2}\ \Phi_{384}^{2}\ \Phi_{256}\ \Phi_{192}^{2}\ \Phi_{128}\ \Phi_{96}^{2}\ \Phi_{64}\ \Phi_{48}^{2}\ \Phi_{32}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
79480	1275	104	$\frac{1}{26}$	$\frac{19}{104}$	$\frac{5}{26}$	$\frac{7}{26}$	$\Phi_{104}^{15}\ \Phi_{52}^{15}\ \Phi_{26}^{4}\ \Phi_{13}^{4}\ \Phi_{8}^{15}\ \Phi_{4}^{15}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
79481	1275	572	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{131}{572}$	$\frac{147}{572}$	$\Phi_{572}^{2}\ \Phi_{286}^{2}\ \Phi_{143}^{3}\ \Phi_{52}^{2}\ \Phi_{44}^{2}\ \Phi_{26}^{2}\ \Phi_{22}^{2}\ \Phi_{13}^{3}\ \Phi_{11}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
79482	1275	264	$\frac{3}{88}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{264}^{6}\ \Phi_{132}^{6}\ \Phi_{88}^{3}\ \Phi_{66}^{6}\ \Phi_{44}^{3}\ \Phi_{33}^{6}\ \Phi_{24}^{6}\ \Phi_{22}^{3}\ \Phi_{12}^{2}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
79483	1275	260	$\frac{1}{26}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{260}^{6}\ \Phi_{130}^{6}\ \Phi_{65}^{6}\ \Phi_{52}^{2}\ \Phi_{26}\ \Phi_{20}^{3}\ \Phi_{13}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
79484	1275	252	$\frac{1}{18}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{84}^{6}\ \Phi_{63}^{6}\ \Phi_{42}^{6}\ \Phi_{36}^{2}\ \Phi_{28}^{3}\ \Phi_{21}^{6}\ \Phi_{18}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{7}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
79485	1275	336	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{27}{112}$	$\frac{1}{4}$	$\Phi_{336}^{6}\ \Phi_{168}^{6}\ \Phi_{112}^{3}\ \Phi_{56}^{3}\ \Phi_{48}^{6}\ \Phi_{24}^{6}\ \Phi_{16}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
79486	1275	288	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{288}^{6}\ \Phi_{144}^{6}\ \Phi_{96}^{6}\ \Phi_{48}^{6}\ \Phi_{36}^{2}\ \Phi_{32}^{3}\ \Phi_{18}\ \Phi_{16}^{3}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
79487	1275	832	$\frac{1}{26}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{832}^{2}\ \Phi_{416}^{2}\ \Phi_{64}\ \Phi_{52}^{2}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
79488	1275	1540	$\frac{4}{55}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{154}\ \Phi_{77}\ \Phi_{55}\ \Phi_{28}\ \Phi_{14}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
79489	1275	84	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{4}{21}$	$\frac{1}{4}$	$\Phi_{84}^{20}\ \Phi_{42}^{8}\ \Phi_{28}^{20}\ \Phi_{21}^{12}\ \Phi_{14}^{8}\ \Phi_{12}^{22}\ \Phi_{7}^{12}\ \Phi_{6}^{9}\ \Phi_{4}^{21}\ \Phi_{3}^{13}\ \Phi_{2}^{8}\ \Phi_{1}^{13}$
79490	1275	284	$\frac{7}{142}$	$\frac{23}{142}$	$\frac{27}{142}$	$\frac{1}{4}$	$\Phi_{284}^{6}\ \Phi_{142}^{3}\ \Phi_{71}^{3}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
79491	1275	740	$\frac{2}{37}$	$\frac{3}{20}$	$\frac{7}{37}$	$\frac{1}{4}$	$\Phi_{740}^{2}\ \Phi_{370}^{2}\ \Phi_{185}^{2}\ \Phi_{37}^{2}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
79492	1275	36	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{36}^{50}\ \Phi_{18}^{25}\ \Phi_{12}^{42}\ \Phi_{9}^{25}\ \Phi_{6}^{21}\ \Phi_{4}^{41}\ \Phi_{3}^{21}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
79493	1275	504	$\frac{5}{84}$	$\frac{79}{504}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{504}^{3}\ \Phi_{252}^{3}\ \Phi_{168}^{3}\ \Phi_{126}^{3}\ \Phi_{72}^{3}\ \Phi_{63}^{3}\ \Phi_{56}^{3}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
79494	1275	240	$\frac{1}{16}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}^{4}\ \Phi_{60}^{6}\ \Phi_{48}^{2}\ \Phi_{40}^{4}\ \Phi_{30}^{6}\ \Phi_{24}^{2}\ \Phi_{20}^{3}\ \Phi_{16}\ \Phi_{15}^{6}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
79495	1275	1092	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1092}^{2}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{156}^{2}\ \Phi_{91}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
79496	1275	588	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{588}^{4}\ \Phi_{294}^{2}\ \Phi_{196}^{2}\ \Phi_{147}^{2}\ \Phi_{98}\ \Phi_{49}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
79497	1275	924	$\frac{37}{462}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{924}^{2}\ \Phi_{462}\ \Phi_{308}^{2}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}^{2}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
79498	1275	96	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{96}^{15}\ \Phi_{48}^{15}\ \Phi_{32}^{15}\ \Phi_{24}^{15}\ \Phi_{16}^{15}\ \Phi_{12}^{2}\ \Phi_{8}^{15}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
79499	1275	168	$\frac{5}{56}$	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{168}^{10}\ \Phi_{84}^{8}\ \Phi_{56}^{5}\ \Phi_{42}^{8}\ \Phi_{28}^{4}\ \Phi_{24}^{10}\ \Phi_{21}^{8}\ \Phi_{14}^{4}\ \Phi_{12}^{10}\ \Phi_{8}^{5}\ \Phi_{7}^{4}\ \Phi_{6}^{9}\ \Phi_{4}^{5}\ \Phi_{3}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
79500	1275	140	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{140}^{10}\ \Phi_{70}^{10}\ \Phi_{35}^{10}\ \Phi_{28}^{11}\ \Phi_{20}^{3}\ \Phi_{14}^{11}\ \Phi_{10}^{2}\ \Phi_{7}^{11}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
79501	1275	196	$\frac{3}{28}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{196}$	$\Phi_{196}^{6}\ \Phi_{98}^{6}\ \Phi_{49}^{7}\ \Phi_{28}^{8}\ \Phi_{14}^{8}\ \Phi_{7}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
79502	1275	1760	$\frac{4}{55}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{352}\ \Phi_{176}\ \Phi_{55}\ \Phi_{32}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
79503	1275	160	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{7}{32}$	$\Phi_{160}^{10}\ \Phi_{80}^{10}\ \Phi_{32}^{11}\ \Phi_{20}^{3}\ \Phi_{16}^{11}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
79504	1275	192	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{13}{64}$	$\Phi_{192}^{10}\ \Phi_{96}^{10}\ \Phi_{64}^{5}\ \Phi_{48}^{2}\ \Phi_{32}^{5}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
79505	1275	330	$\frac{4}{55}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{330}^{4}\ \Phi_{165}^{4}\ \Phi_{110}^{4}\ \Phi_{66}^{4}\ \Phi_{55}^{5}\ \Phi_{33}^{4}\ \Phi_{22}^{4}\ \Phi_{11}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
79506	1275	60	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{60}^{24}\ \Phi_{30}^{16}\ \Phi_{20}^{27}\ \Phi_{15}^{16}\ \Phi_{12}^{24}\ \Phi_{10}^{18}\ \Phi_{6}^{20}\ \Phi_{5}^{18}\ \Phi_{4}^{27}\ \Phi_{3}^{20}\ \Phi_{2}^{22}\ \Phi_{1}^{23}$
79507	1276	636	$\frac{1}{318}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{317}{636}$	$\Phi_{636}^{4}\ \Phi_{212}^{4}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
79508	1276	510	$\frac{1}{255}$	$\frac{64}{255}$	$\frac{191}{510}$	$\frac{127}{255}$	$\Phi_{510}^{4}\ \Phi_{255}\ \Phi_{170}^{4}\ \Phi_{102}^{4}\ \Phi_{85}\ \Phi_{51}\ \Phi_{34}^{4}\ \Phi_{30}^{4}\ \Phi_{17}\ \Phi_{15}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
79509	1276	426	$\frac{1}{213}$	$\frac{107}{426}$	$\frac{1}{3}$	$\frac{106}{213}$	$\Phi_{426}^{4}\ \Phi_{213}^{2}\ \Phi_{142}^{4}\ \Phi_{71}^{2}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
79510	1276	635	$\frac{3}{635}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{316}{635}$	$\Phi_{635}^{2}\ \Phi_{127}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
79511	1276	1269	$\frac{7}{1269}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{631}{1269}$	$\Phi_{1269}\ \Phi_{423}\ \Phi_{141}\ \Phi_{47}\ \Phi_{27}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
79512	1276	425	$\frac{3}{425}$	$\frac{106}{425}$	$\frac{107}{425}$	$\frac{211}{425}$	$\Phi_{425}^{3}\ \Phi_{85}^{3}\ \Phi_{25}^{3}\ \Phi_{17}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
79513	1276	460	$\frac{1}{115}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{57}{115}$	$\Phi_{460}^{5}\ \Phi_{115}\ \Phi_{92}^{5}\ \Phi_{23}\ \Phi_{20}^{6}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
79514	1276	345	$\frac{1}{115}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{57}{115}$	$\Phi_{345}^{5}\ \Phi_{115}\ \Phi_{69}^{5}\ \Phi_{23}\ \Phi_{15}^{6}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
79515	1276	3160	$\frac{3}{316}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{313}{632}$	$\Phi_{3160}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
79516	1276	595	$\frac{1}{85}$	$\frac{43}{595}$	$\frac{276}{595}$	$\frac{42}{85}$	$\Phi_{595}^{2}\ \Phi_{119}^{2}\ \Phi_{85}^{3}\ \Phi_{35}^{2}\ \Phi_{17}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
79517	1276	630	$\frac{4}{315}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{311}{630}$	$\Phi_{630}^{4}\ \Phi_{210}^{4}\ \Phi_{126}^{4}\ \Phi_{90}^{4}\ \Phi_{70}^{4}\ \Phi_{42}^{4}\ \Phi_{30}^{4}\ \Phi_{18}^{4}\ \Phi_{15}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
79518	1276	630	$\frac{4}{315}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{311}{630}$	$\Phi_{630}^{4}\ \Phi_{210}^{4}\ \Phi_{126}^{4}\ \Phi_{90}^{4}\ \Phi_{70}^{4}\ \Phi_{42}^{4}\ \Phi_{30}^{4}\ \Phi_{18}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
79519	1276	630	$\frac{4}{315}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{311}{630}$	$\Phi_{630}^{4}\ \Phi_{210}^{4}\ \Phi_{126}^{4}\ \Phi_{90}^{4}\ \Phi_{70}^{4}\ \Phi_{42}^{4}\ \Phi_{30}^{4}\ \Phi_{18}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
79520	1276	600	$\frac{1}{75}$	$\frac{19}{300}$	$\frac{281}{600}$	$\frac{37}{75}$	$\Phi_{600}^{4}\ \Phi_{200}^{4}\ \Phi_{120}^{4}\ \Phi_{75}\ \Phi_{40}^{4}\ \Phi_{25}\ \Phi_{24}^{4}\ \Phi_{15}\ \Phi_{8}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
79521	1276	450	$\frac{1}{75}$	$\frac{19}{150}$	$\frac{131}{450}$	$\frac{37}{75}$	$\Phi_{450}^{4}\ \Phi_{225}^{4}\ \Phi_{90}^{4}\ \Phi_{75}\ \Phi_{45}^{4}\ \Phi_{25}\ \Phi_{18}^{4}\ \Phi_{15}\ \Phi_{9}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
79522	1276	375	$\frac{1}{75}$	$\frac{56}{375}$	$\frac{19}{75}$	$\frac{37}{75}$	$\Phi_{375}^{4}\ \Phi_{125}^{4}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
79523	1276	1065	$\frac{1}{71}$	$\frac{36}{355}$	$\frac{1}{3}$	$\frac{35}{71}$	$\Phi_{1065}^{2}\ \Phi_{213}\ \Phi_{15}^{2}$
79524	1276	629	$\frac{9}{629}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{310}{629}$	$\Phi_{629}^{2}\ \Phi_{37}^{2}\ \Phi_{17}^{3}\ \Phi_{1}^{4}$
79525	1276	1920	$\frac{1}{64}$	$\frac{65}{384}$	$\frac{1}{5}$	$\frac{63}{128}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
79526	1276	399	$\frac{1}{57}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{28}{57}$	$\Phi_{399}^{3}\ \Phi_{133}^{3}\ \Phi_{57}^{4}\ \Phi_{21}^{4}\ \Phi_{19}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
79527	1276	228	$\frac{1}{57}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{28}{57}$	$\Phi_{228}^{6}\ \Phi_{114}^{6}\ \Phi_{76}^{6}\ \Phi_{57}^{4}\ \Phi_{38}^{6}\ \Phi_{19}^{4}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
79528	1276	798	$\frac{1}{57}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{28}{57}$	$\Phi_{798}^{2}\ \Phi_{399}\ \Phi_{266}^{2}\ \Phi_{133}\ \Phi_{114}^{2}\ \Phi_{57}^{2}\ \Phi_{42}^{2}\ \Phi_{38}^{2}\ \Phi_{21}\ \Phi_{19}^{2}\ \Phi_{14}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
79529	1276	1275	$\frac{23}{1275}$	$\frac{59}{1275}$	$\frac{608}{1275}$	$\frac{626}{1275}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{255}\ \Phi_{85}\ \Phi_{75}\ \Phi_{51}\ \Phi_{25}\ \Phi_{17}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
79530	1276	612	$\frac{1}{51}$	$\frac{13}{306}$	$\frac{293}{612}$	$\frac{25}{51}$	$\Phi_{612}^{4}\ \Phi_{204}^{4}\ \Phi_{68}^{4}\ \Phi_{51}\ \Phi_{36}^{4}\ \Phi_{17}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
79531	1276	459	$\frac{1}{51}$	$\frac{13}{153}$	$\frac{140}{459}$	$\frac{25}{51}$	$\Phi_{459}^{4}\ \Phi_{51}\ \Phi_{27}^{4}\ \Phi_{17}\ \Phi_{3}\ \Phi_{1}^{2}$
79532	1276	357	$\frac{1}{51}$	$\frac{38}{357}$	$\frac{13}{51}$	$\frac{25}{51}$	$\Phi_{357}^{4}\ \Phi_{119}^{4}\ \Phi_{51}\ \Phi_{21}^{4}\ \Phi_{17}\ \Phi_{7}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
79533	1276	408	$\frac{1}{51}$	$\frac{13}{102}$	$\frac{89}{408}$	$\frac{25}{51}$	$\Phi_{408}^{4}\ \Phi_{204}^{4}\ \Phi_{136}^{4}\ \Phi_{68}^{4}\ \Phi_{51}\ \Phi_{24}^{4}\ \Phi_{17}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
79534	1276	765	$\frac{1}{51}$	$\frac{127}{765}$	$\frac{26}{153}$	$\frac{25}{51}$	$\Phi_{765}^{2}\ \Phi_{255}^{2}\ \Phi_{85}^{2}\ \Phi_{51}\ \Phi_{45}^{2}\ \Phi_{17}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
79535	1276	625	$\frac{13}{625}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{306}{625}$	$\Phi_{625}^{2}\ \Phi_{125}^{2}\ \Phi_{25}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
79536	1276	3120	$\frac{7}{312}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{305}{624}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{240}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
79537	1276	2408	$\frac{1}{43}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{21}{43}$	$\Phi_{2408}\ \Phi_{344}\ \Phi_{56}^{2}\ \Phi_{43}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
79538	1276	1806	$\frac{1}{43}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{21}{43}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{258}\ \Phi_{129}\ \Phi_{43}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
79539	1276	1376	$\frac{1}{43}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{21}{43}$	$\Phi_{1376}\ \Phi_{688}\ \Phi_{344}\ \Phi_{43}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
79540	1276	1505	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{21}{43}$	$\Phi_{1505}\ \Phi_{215}\ \Phi_{43}\ \Phi_{35}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
79541	1276	156	$\frac{1}{39}$	$\frac{1}{12}$	$\frac{10}{39}$	$\frac{19}{39}$	$\Phi_{156}^{9}\ \Phi_{78}^{9}\ \Phi_{52}^{9}\ \Phi_{39}^{6}\ \Phi_{26}^{9}\ \Phi_{13}^{6}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
79542	1276	620	$\frac{9}{310}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{301}{620}$	$\Phi_{620}^{4}\ \Phi_{124}^{4}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
79543	1276	1275	$\frac{41}{1275}$	$\frac{86}{1275}$	$\frac{329}{1275}$	$\frac{617}{1275}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{255}\ \Phi_{85}\ \Phi_{75}\ \Phi_{51}\ \Phi_{25}\ \Phi_{17}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
79544	1276	213	$\frac{7}{213}$	$\frac{10}{213}$	$\frac{1}{3}$	$\frac{103}{213}$	$\Phi_{213}^{6}\ \Phi_{71}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
79545	1276	3864	$\frac{1}{28}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{3864}\ \Phi_{552}\ \Phi_{69}$
79546	1276	2408	$\frac{1}{28}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{27}{56}$	$\Phi_{2408}\ \Phi_{344}\ \Phi_{56}^{2}\ \Phi_{43}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
79547	1276	840	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{27}{56}$	$\Phi_{840}^{4}\ \Phi_{280}^{3}\ \Phi_{120}^{4}\ \Phi_{60}\ \Phi_{40}^{3}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
79548	1276	375	$\frac{1}{25}$	$\frac{13}{125}$	$\frac{56}{375}$	$\frac{12}{25}$	$\Phi_{375}^{4}\ \Phi_{125}^{2}\ \Phi_{75}^{4}\ \Phi_{25}^{3}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
79549	1276	612	$\frac{13}{306}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{293}{612}$	$\Phi_{612}^{4}\ \Phi_{204}^{4}\ \Phi_{68}^{4}\ \Phi_{36}^{4}\ \Phi_{17}^{3}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
79550	1276	210	$\frac{1}{30}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{210}^{6}\ \Phi_{105}^{6}\ \Phi_{70}^{6}\ \Phi_{42}^{6}\ \Phi_{35}^{6}\ \Phi_{30}^{8}\ \Phi_{21}^{4}\ \Phi_{15}^{8}\ \Phi_{14}^{6}\ \Phi_{10}^{8}\ \Phi_{7}^{4}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
79551	1276	798	$\frac{1}{21}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{10}{21}$	$\Phi_{798}^{2}\ \Phi_{399}\ \Phi_{266}^{2}\ \Phi_{133}\ \Phi_{114}^{2}\ \Phi_{57}\ \Phi_{42}^{2}\ \Phi_{38}^{4}\ \Phi_{21}^{2}\ \Phi_{19}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
79552	1276	3040	$\frac{15}{304}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{289}{608}$	$\Phi_{3040}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
79553	1276	600	$\frac{1}{25}$	$\frac{19}{300}$	$\frac{6}{25}$	$\frac{281}{600}$	$\Phi_{600}^{4}\ \Phi_{200}^{4}\ \Phi_{120}^{4}\ \Phi_{40}^{4}\ \Phi_{25}^{3}\ \Phi_{24}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
79554	1276	600	$\frac{1}{20}$	$\frac{19}{300}$	$\frac{1}{5}$	$\frac{281}{600}$	$\Phi_{600}^{4}\ \Phi_{200}^{4}\ \Phi_{120}^{4}\ \Phi_{40}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
79555	1276	945	$\frac{8}{315}$	$\frac{1}{15}$	$\frac{307}{945}$	$\frac{7}{15}$	$\Phi_{945}^{2}\ \Phi_{189}^{2}\ \Phi_{135}^{2}\ \Phi_{27}^{2}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
79556	1276	30	$\frac{1}{30}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{30}^{44}\ \Phi_{15}^{41}\ \Phi_{10}^{44}\ \Phi_{6}^{44}\ \Phi_{5}^{41}\ \Phi_{3}^{41}\ \Phi_{2}^{44}\ \Phi_{1}^{42}$
79557	1276	420	$\frac{4}{105}$	$\frac{1}{15}$	$\frac{101}{420}$	$\frac{7}{15}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{84}^{4}\ \Phi_{70}^{4}\ \Phi_{60}^{4}\ \Phi_{42}^{4}\ \Phi_{30}^{4}\ \Phi_{28}^{4}\ \Phi_{20}^{4}\ \Phi_{15}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
79558	1276	675	$\frac{37}{675}$	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{675}^{2}\ \Phi_{225}^{2}\ \Phi_{135}^{2}\ \Phi_{75}^{2}\ \Phi_{27}^{2}\ \Phi_{25}^{2}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
79559	1276	735	$\frac{1}{15}$	$\frac{8}{105}$	$\frac{97}{735}$	$\frac{7}{15}$	$\Phi_{735}^{2}\ \Phi_{245}^{2}\ \Phi_{147}^{2}\ \Phi_{49}^{2}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
79560	1276	360	$\frac{1}{15}$	$\frac{4}{45}$	$\frac{41}{360}$	$\frac{7}{15}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{4}\ \Phi_{90}^{4}\ \Phi_{72}^{4}\ \Phi_{60}^{4}\ \Phi_{40}^{4}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{4}\ \Phi_{18}^{4}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
79561	1276	270	$\frac{1}{45}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{270}^{9}\ \Phi_{90}^{9}\ \Phi_{54}^{8}\ \Phi_{45}^{2}\ \Phi_{30}^{9}\ \Phi_{18}^{8}\ \Phi_{15}^{2}\ \Phi_{10}^{9}\ \Phi_{9}^{2}\ \Phi_{6}^{8}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
79562	1276	108	$\frac{2}{27}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{25}{54}$	$\Phi_{108}^{12}\ \Phi_{54}^{8}\ \Phi_{36}^{15}\ \Phi_{27}^{12}\ \Phi_{18}^{11}\ \Phi_{12}^{14}\ \Phi_{9}^{14}\ \Phi_{6}^{10}\ \Phi_{4}^{14}\ \Phi_{3}^{13}\ \Phi_{2}^{10}\ \Phi_{1}^{14}$
79563	1276	780	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{7}{65}$	$\frac{6}{13}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}^{2}\ \Phi_{156}\ \Phi_{130}^{2}\ \Phi_{78}\ \Phi_{60}^{2}\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}^{2}\ \Phi_{26}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
79564	1276	1275	$\frac{32}{1275}$	$\frac{113}{1275}$	$\frac{347}{1275}$	$\frac{581}{1275}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{255}\ \Phi_{85}\ \Phi_{75}\ \Phi_{51}\ \Phi_{25}\ \Phi_{17}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
79565	1276	213	$\frac{4}{213}$	$\frac{19}{213}$	$\frac{1}{3}$	$\frac{97}{213}$	$\Phi_{213}^{6}\ \Phi_{71}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
79566	1276	3540	$\frac{1}{59}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{3540}\ \Phi_{708}\ \Phi_{177}$
79567	1276	360	$\frac{1}{45}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{360}^{5}\ \Phi_{120}^{5}\ \Phi_{90}^{5}\ \Phi_{72}^{5}\ \Phi_{45}^{4}\ \Phi_{40}^{4}\ \Phi_{30}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
79568	1276	460	$\frac{3}{115}$	$\frac{1}{10}$	$\frac{28}{115}$	$\frac{9}{20}$	$\Phi_{460}^{5}\ \Phi_{115}\ \Phi_{92}^{5}\ \Phi_{23}\ \Phi_{20}^{6}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
79569	1276	60	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{60}^{40}\ \Phi_{30}^{4}\ \Phi_{20}^{36}\ \Phi_{15}^{4}\ \Phi_{12}^{40}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{36}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
79570	1276	1380	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{11}{69}$	$\frac{9}{20}$	$\Phi_{1380}^{2}\ \Phi_{460}\ \Phi_{276}^{2}\ \Phi_{92}\ \Phi_{69}^{2}\ \Phi_{60}^{2}\ \Phi_{23}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
79571	1276	2880	$\frac{1}{32}$	$\frac{31}{288}$	$\frac{1}{5}$	$\frac{257}{576}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
79572	1276	324	$\frac{5}{324}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{324}^{4}\ \Phi_{162}^{4}\ \Phi_{108}^{4}\ \Phi_{81}^{4}\ \Phi_{54}^{4}\ \Phi_{36}^{4}\ \Phi_{27}^{4}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
79573	1276	270	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{270}^{6}\ \Phi_{135}^{6}\ \Phi_{90}^{3}\ \Phi_{54}^{6}\ \Phi_{45}^{3}\ \Phi_{30}^{2}\ \Phi_{27}^{4}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
79574	1276	252	$\frac{5}{63}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{84}^{6}\ \Phi_{63}^{4}\ \Phi_{42}^{6}\ \Phi_{36}^{3}\ \Phi_{28}^{6}\ \Phi_{21}^{4}\ \Phi_{18}^{3}\ \Phi_{14}^{6}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
79575	1276	156	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{3}{26}$	$\frac{23}{52}$	$\Phi_{156}^{9}\ \Phi_{78}^{9}\ \Phi_{52}^{5}\ \Phi_{39}^{9}\ \Phi_{26}^{9}\ \Phi_{13}^{8}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{4}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
79576	1276	1704	$\frac{1}{71}$	$\frac{35}{284}$	$\frac{1}{3}$	$\frac{249}{568}$	$\Phi_{1704}^{2}\ \Phi_{213}\ \Phi_{24}^{2}$
79577	1276	1125	$\frac{1}{75}$	$\frac{151}{1125}$	$\frac{74}{225}$	$\frac{487}{1125}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{225}^{2}\ \Phi_{125}\ \Phi_{75}\ \Phi_{45}^{2}\ \Phi_{25}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
79578	1276	560	$\frac{1}{40}$	$\frac{39}{280}$	$\frac{1}{5}$	$\frac{241}{560}$	$\Phi_{560}^{4}\ \Phi_{112}^{4}\ \Phi_{80}^{4}\ \Phi_{40}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
79579	1276	450	$\frac{1}{45}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{450}^{5}\ \Phi_{150}^{5}\ \Phi_{90}^{5}\ \Phi_{50}^{4}\ \Phi_{45}^{4}\ \Phi_{30}^{5}\ \Phi_{18}^{5}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
79580	1276	50	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{4}{25}$	$\frac{21}{50}$	$\Phi_{50}^{44}\ \Phi_{25}^{7}\ \Phi_{10}^{44}\ \Phi_{5}^{7}\ \Phi_{2}^{44}\ \Phi_{1}^{8}$
79581	1276	450	$\frac{1}{75}$	$\frac{37}{225}$	$\frac{131}{450}$	$\frac{94}{225}$	$\Phi_{450}^{4}\ \Phi_{225}^{2}\ \Phi_{150}^{4}\ \Phi_{90}^{4}\ \Phi_{75}\ \Phi_{50}^{4}\ \Phi_{45}^{2}\ \Phi_{30}^{4}\ \Phi_{25}\ \Phi_{18}^{4}\ \Phi_{15}\ \Phi_{10}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
79582	1276	180	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{180}^{6}\ \Phi_{90}^{9}\ \Phi_{60}^{6}\ \Phi_{45}^{8}\ \Phi_{36}^{5}\ \Phi_{30}^{9}\ \Phi_{20}^{6}\ \Phi_{18}^{8}\ \Phi_{15}^{8}\ \Phi_{12}^{6}\ \Phi_{10}^{9}\ \Phi_{9}^{7}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
79583	1276	323	$\frac{4}{323}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{323}^{4}\ \Phi_{19}^{4}\ \Phi_{17}^{3}\ \Phi_{1}^{4}$
79584	1276	1065	$\frac{2}{213}$	$\frac{211}{1065}$	$\frac{1}{3}$	$\frac{427}{1065}$	$\Phi_{1065}\ \Phi_{355}\ \Phi_{213}^{2}\ \Phi_{71}^{2}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
79585	1276	150	$\frac{1}{30}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{150}^{10}\ \Phi_{75}^{10}\ \Phi_{50}^{10}\ \Phi_{30}^{4}\ \Phi_{25}^{8}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
79586	1276	720	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{720}^{3}\ \Phi_{240}^{3}\ \Phi_{144}^{3}\ \Phi_{90}^{3}\ \Phi_{80}^{3}\ \Phi_{48}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{3}\ \Phi_{18}^{3}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
79587	1276	234	$\frac{1}{117}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{234}^{9}\ \Phi_{117}^{2}\ \Phi_{78}^{9}\ \Phi_{39}^{2}\ \Phi_{26}^{9}\ \Phi_{18}^{8}\ \Phi_{13}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{8}\ \Phi_{3}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
79588	1276	90	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{90}^{15}\ \Phi_{45}^{15}\ \Phi_{30}^{14}\ \Phi_{18}^{11}\ \Phi_{15}^{14}\ \Phi_{10}^{14}\ \Phi_{9}^{14}\ \Phi_{6}^{10}\ \Phi_{5}^{14}\ \Phi_{3}^{13}\ \Phi_{2}^{10}\ \Phi_{1}^{14}$
79589	1276	340	$\frac{1}{17}$	$\frac{21}{340}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{340}^{4}\ \Phi_{170}^{4}\ \Phi_{85}^{4}\ \Phi_{68}^{4}\ \Phi_{20}^{4}\ \Phi_{17}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
79590	1276	350	$\frac{1}{25}$	$\frac{31}{350}$	$\frac{6}{25}$	$\frac{19}{50}$	$\Phi_{350}^{4}\ \Phi_{175}^{4}\ \Phi_{70}^{4}\ \Phi_{35}^{4}\ \Phi_{25}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
79591	1276	2560	$\frac{1}{64}$	$\frac{1}{5}$	$\frac{63}{256}$	$\frac{193}{512}$	$\Phi_{2560}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
79592	1276	1872	$\frac{1}{117}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
79593	1276	510	$\frac{1}{85}$	$\frac{21}{85}$	$\frac{64}{255}$	$\frac{191}{510}$	$\Phi_{510}^{4}\ \Phi_{170}^{4}\ \Phi_{102}^{4}\ \Phi_{85}^{3}\ \Phi_{34}^{4}\ \Phi_{30}^{4}\ \Phi_{17}^{3}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
79594	1276	325	$\frac{6}{325}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{325}^{4}\ \Phi_{65}^{4}\ \Phi_{25}^{3}\ \Phi_{13}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
79595	1276	975	$\frac{1}{25}$	$\frac{24}{325}$	$\frac{301}{975}$	$\frac{337}{975}$	$\Phi_{975}\ \Phi_{325}^{2}\ \Phi_{195}\ \Phi_{75}\ \Phi_{65}^{2}\ \Phi_{39}\ \Phi_{25}\ \Phi_{15}\ \Phi_{13}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
79596	1276	969	$\frac{16}{323}$	$\frac{1}{17}$	$\frac{307}{969}$	$\frac{331}{969}$	$\Phi_{969}\ \Phi_{323}^{2}\ \Phi_{57}\ \Phi_{51}\ \Phi_{19}^{2}\ \Phi_{17}\ \Phi_{3}\ \Phi_{1}^{2}$
79597	1276	480	$\frac{1}{80}$	$\frac{1}{5}$	$\frac{79}{240}$	$\frac{161}{480}$	$\Phi_{480}^{4}\ \Phi_{160}^{4}\ \Phi_{96}^{4}\ \Phi_{80}^{4}\ \Phi_{40}^{4}\ \Phi_{32}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
79598	1276	321	$\frac{2}{321}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{321}^{4}\ \Phi_{107}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
79599	1276	477	$\frac{1}{159}$	$\frac{158}{477}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{477}^{4}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
79600	1276	1272	$\frac{1}{106}$	$\frac{105}{424}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1272}\ \Phi_{636}\ \Phi_{424}^{2}\ \Phi_{212}^{2}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
79601	1276	795	$\frac{2}{159}$	$\frac{157}{795}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{795}^{2}\ \Phi_{265}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
79602	1276	324	$\frac{5}{324}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{324}^{4}\ \Phi_{162}^{4}\ \Phi_{108}^{4}\ \Phi_{81}^{4}\ \Phi_{54}^{4}\ \Phi_{36}^{4}\ \Phi_{27}^{4}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
79603	1276	1113	$\frac{1}{53}$	$\frac{52}{371}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1113}\ \Phi_{371}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
79604	1276	159	$\frac{5}{159}$	$\frac{14}{159}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{159}^{8}\ \Phi_{53}^{8}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
79605	1276	60	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{60}^{24}\ \Phi_{30}^{20}\ \Phi_{20}^{24}\ \Phi_{15}^{20}\ \Phi_{12}^{20}\ \Phi_{10}^{20}\ \Phi_{6}^{16}\ \Phi_{5}^{20}\ \Phi_{4}^{20}\ \Phi_{3}^{17}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
79606	1276	945	$\frac{8}{315}$	$\frac{1}{9}$	$\frac{307}{945}$	$\frac{1}{3}$	$\Phi_{945}^{2}\ \Phi_{189}^{2}\ \Phi_{135}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
79607	1276	684	$\frac{2}{57}$	$\frac{1}{12}$	$\frac{55}{171}$	$\frac{1}{3}$	$\Phi_{684}^{3}\ \Phi_{342}^{3}\ \Phi_{171}^{2}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
79608	1276	966	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{322}^{2}\ \Phi_{161}^{2}\ \Phi_{138}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{23}^{2}$
79609	1276	630	$\frac{1}{30}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{126}^{3}\ \Phi_{90}^{3}\ \Phi_{63}^{2}\ \Phi_{45}^{3}\ \Phi_{30}^{2}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
79610	1276	885	$\frac{1}{59}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{885}\ \Phi_{295}^{2}\ \Phi_{177}^{2}\ \Phi_{59}^{2}$
79611	1276	324	$\frac{5}{324}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{324}^{4}\ \Phi_{162}^{4}\ \Phi_{108}^{4}\ \Phi_{81}^{4}\ \Phi_{54}^{4}\ \Phi_{36}^{4}\ \Phi_{27}^{3}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
79612	1276	426	$\frac{1}{71}$	$\frac{35}{142}$	$\frac{107}{426}$	$\frac{1}{3}$	$\Phi_{426}^{2}\ \Phi_{213}^{3}\ \Phi_{142}^{4}\ \Phi_{71}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
79613	1276	2208	$\frac{1}{23}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{69}$
79614	1276	423	$\frac{7}{423}$	$\frac{2}{9}$	$\frac{104}{423}$	$\frac{1}{3}$	$\Phi_{423}^{3}\ \Phi_{141}^{3}\ \Phi_{47}^{3}\ \Phi_{9}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
79615	1276	228	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{9}{38}$	$\frac{1}{3}$	$\Phi_{228}^{6}\ \Phi_{114}^{4}\ \Phi_{76}^{6}\ \Phi_{57}^{5}\ \Phi_{38}^{6}\ \Phi_{19}^{6}\ \Phi_{12}^{8}\ \Phi_{6}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
79616	1276	180	$\frac{1}{45}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^{9}\ \Phi_{90}^{9}\ \Phi_{60}^{9}\ \Phi_{45}^{2}\ \Phi_{36}^{8}\ \Phi_{30}^{9}\ \Phi_{20}^{9}\ \Phi_{18}^{8}\ \Phi_{15}^{2}\ \Phi_{12}^{8}\ \Phi_{10}^{9}\ \Phi_{9}^{2}\ \Phi_{6}^{8}\ \Phi_{5}^{2}\ \Phi_{4}^{8}\ \Phi_{3}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
79617	1276	210	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{210}^{6}\ \Phi_{105}^{6}\ \Phi_{70}^{6}\ \Phi_{42}^{4}\ \Phi_{35}^{6}\ \Phi_{30}^{8}\ \Phi_{21}^{5}\ \Phi_{15}^{8}\ \Phi_{14}^{6}\ \Phi_{10}^{8}\ \Phi_{7}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{8}\ \Phi_{3}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
79618	1276	213	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{1}{3}$	$\Phi_{213}^{9}\ \Phi_{3}^{8}$
79619	1276	675	$\frac{37}{675}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{675}^{2}\ \Phi_{225}^{2}\ \Phi_{135}^{2}\ \Phi_{75}^{2}\ \Phi_{27}^{2}\ \Phi_{25}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
79620	1276	2415	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{345}\ \Phi_{69}$
79621	1276	378	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{59}{378}$	$\frac{1}{3}$	$\Phi_{378}^{4}\ \Phi_{189}^{4}\ \Phi_{126}^{4}\ \Phi_{54}^{4}\ \Phi_{42}^{4}\ \Phi_{27}^{4}\ \Phi_{18}^{4}\ \Phi_{14}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
79622	1276	63	$\frac{5}{63}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{3}$	$\Phi_{63}^{20}\ \Phi_{21}^{20}\ \Phi_{9}^{22}\ \Phi_{7}^{20}\ \Phi_{3}^{21}\ \Phi_{1}^{22}$
79623	1276	360	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{360}$	$\frac{1}{3}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{4}\ \Phi_{90}^{4}\ \Phi_{72}^{4}\ \Phi_{60}^{4}\ \Phi_{40}^{4}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{4}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
79624	1276	345	$\frac{2}{115}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{113}{345}$	$\Phi_{345}^{3}\ \Phi_{115}^{5}\ \Phi_{69}^{3}\ \Phi_{23}^{5}\ \Phi_{15}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
79625	1276	1920	$\frac{1}{32}$	$\frac{65}{384}$	$\frac{1}{5}$	$\frac{31}{96}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
79626	1276	75	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{17}{75}$	$\frac{8}{25}$	$\Phi_{75}^{22}\ \Phi_{25}^{7}\ \Phi_{15}^{22}\ \Phi_{5}^{7}\ \Phi_{3}^{22}\ \Phi_{1}^{8}$
79627	1276	360	$\frac{1}{20}$	$\frac{41}{360}$	$\frac{1}{5}$	$\frac{19}{60}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{4}\ \Phi_{90}^{4}\ \Phi_{72}^{4}\ \Phi_{45}^{4}\ \Phi_{40}^{4}\ \Phi_{36}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{4}\ \Phi_{18}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
79628	1276	160	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{5}{16}$	$\Phi_{160}^{11}\ \Phi_{80}^{9}\ \Phi_{40}^{9}\ \Phi_{20}^{9}\ \Phi_{10}^{9}\ \Phi_{5}^{8}$
79629	1276	1806	$\frac{3}{43}$	$\frac{1}{14}$	$\frac{10}{43}$	$\frac{13}{42}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{258}\ \Phi_{129}\ \Phi_{43}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
79630	1276	420	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{420}^{4}\ \Phi_{210}^{3}\ \Phi_{140}^{4}\ \Phi_{105}^{3}\ \Phi_{70}^{4}\ \Phi_{60}^{5}\ \Phi_{35}^{4}\ \Phi_{30}^{4}\ \Phi_{20}^{5}\ \Phi_{15}^{4}\ \Phi_{10}^{5}\ \Phi_{5}^{4}$
79631	1276	459	$\frac{1}{17}$	$\frac{13}{153}$	$\frac{4}{17}$	$\frac{140}{459}$	$\Phi_{459}^{4}\ \Phi_{27}^{4}\ \Phi_{17}^{3}\ \Phi_{1}^{4}$
79632	1276	540	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{19}{135}$	$\frac{8}{27}$	$\Phi_{540}^{3}\ \Phi_{270}^{3}\ \Phi_{180}^{3}\ \Phi_{135}^{2}\ \Phi_{90}^{3}\ \Phi_{60}^{3}\ \Phi_{45}^{2}\ \Phi_{36}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
79633	1276	1680	$\frac{17}{336}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
79634	1276	450	$\frac{1}{25}$	$\frac{19}{150}$	$\frac{6}{25}$	$\frac{131}{450}$	$\Phi_{450}^{4}\ \Phi_{225}^{4}\ \Phi_{90}^{4}\ \Phi_{45}^{4}\ \Phi_{25}^{3}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
79635	1276	324	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{81}$	$\Phi_{324}^{6}\ \Phi_{162}^{6}\ \Phi_{81}^{4}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
79636	1276	345	$\frac{3}{115}$	$\frac{1}{5}$	$\frac{28}{115}$	$\frac{4}{15}$	$\Phi_{345}^{5}\ \Phi_{115}\ \Phi_{69}^{5}\ \Phi_{23}\ \Phi_{15}^{6}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
79637	1276	30	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{30}^{44}\ \Phi_{15}^{40}\ \Phi_{10}^{44}\ \Phi_{6}^{44}\ \Phi_{5}^{43}\ \Phi_{3}^{40}\ \Phi_{2}^{44}\ \Phi_{1}^{44}$
79638	1276	345	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{345}^{3}\ \Phi_{115}^{4}\ \Phi_{69}^{5}\ \Phi_{23}^{5}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
79639	1276	340	$\frac{21}{340}$	$\frac{9}{85}$	$\frac{19}{85}$	$\frac{22}{85}$	$\Phi_{340}^{4}\ \Phi_{170}^{4}\ \Phi_{85}^{3}\ \Phi_{68}^{4}\ \Phi_{34}^{4}\ \Phi_{20}^{4}\ \Phi_{17}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
79640	1276	156	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{3}{13}$	$\frac{10}{39}$	$\Phi_{156}^{9}\ \Phi_{78}^{9}\ \Phi_{52}^{9}\ \Phi_{39}^{5}\ \Phi_{26}^{9}\ \Phi_{13}^{8}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
79641	1276	357	$\frac{1}{17}$	$\frac{38}{357}$	$\frac{4}{17}$	$\frac{13}{51}$	$\Phi_{357}^{4}\ \Phi_{119}^{4}\ \Phi_{21}^{4}\ \Phi_{17}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{4}$
79642	1276	375	$\frac{1}{25}$	$\frac{56}{375}$	$\frac{6}{25}$	$\frac{19}{75}$	$\Phi_{375}^{4}\ \Phi_{125}^{4}\ \Phi_{25}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
79643	1276	1376	$\frac{3}{43}$	$\frac{3}{32}$	$\frac{10}{43}$	$\frac{1}{4}$	$\Phi_{1376}\ \Phi_{688}\ \Phi_{344}\ \Phi_{43}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
79644	1276	480	$\frac{1}{12}$	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{3}\ \Phi_{120}^{4}\ \Phi_{80}^{3}\ \Phi_{60}\ \Phi_{40}^{3}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
79645	1276	420	$\frac{4}{105}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{101}{420}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{84}^{4}\ \Phi_{70}^{4}\ \Phi_{60}^{4}\ \Phi_{42}^{4}\ \Phi_{30}^{4}\ \Phi_{28}^{4}\ \Phi_{20}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
79646	1276	400	$\frac{1}{25}$	$\frac{19}{100}$	$\frac{81}{400}$	$\frac{6}{25}$	$\Phi_{400}^{4}\ \Phi_{200}^{4}\ \Phi_{80}^{4}\ \Phi_{40}^{4}\ \Phi_{25}^{3}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
79647	1276	266	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{9}{38}$	$\Phi_{266}^{4}\ \Phi_{133}^{5}\ \Phi_{38}^{6}\ \Phi_{19}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
79648	1276	408	$\frac{1}{17}$	$\frac{13}{102}$	$\frac{89}{408}$	$\frac{4}{17}$	$\Phi_{408}^{4}\ \Phi_{204}^{4}\ \Phi_{136}^{4}\ \Phi_{68}^{4}\ \Phi_{24}^{4}\ \Phi_{17}^{3}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
79649	1276	2080	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{97}{416}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
79650	1276	1505	$\frac{3}{43}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{10}{43}$	$\Phi_{1505}\ \Phi_{215}\ \Phi_{43}\ \Phi_{35}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
79651	1276	36	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{7}{36}$	$\frac{2}{9}$	$\Phi_{36}^{35}\ \Phi_{18}^{35}\ \Phi_{12}^{34}\ \Phi_{9}^{38}\ \Phi_{6}^{34}\ \Phi_{4}^{34}\ \Phi_{3}^{37}\ \Phi_{2}^{34}\ \Phi_{1}^{38}$
79652	1276	400	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{1}{5}$	$\frac{81}{400}$	$\Phi_{400}^{4}\ \Phi_{200}^{4}\ \Phi_{80}^{4}\ \Phi_{40}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
79653	1276	350	$\frac{31}{350}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{350}^{4}\ \Phi_{175}^{4}\ \Phi_{70}^{4}\ \Phi_{50}^{4}\ \Phi_{25}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
79654	1276	360	$\frac{4}{45}$	$\frac{41}{360}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
79655	1276	420	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{70}^3\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4$
79656	1276	102	$\frac{2}{17}$	$\frac{7}{51}$	$\frac{5}{34}$	$\frac{3}{17}$	$\Phi_{102}^{17}\ \Phi_{51}^{12}\ \Phi_{34}^{10}\ \Phi_{17}^7\ \Phi_6^{17}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^8$
79657	1277	2544	$\frac{5}{1272}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1267}{2544}$	$\Phi_{2544}\ \Phi_{848}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
79658	1277	2320	$\frac{1}{116}$	$\frac{117}{1160}$	$\frac{1043}{2320}$	$\frac{115}{232}$	$\Phi_{2320}\ \Phi_{464}\ \Phi_{232}\ \Phi_{80}\ \Phi_{16}\ \Phi_8\ \Phi_1$
79659	1277	2528	$\frac{13}{1264}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1251}{2528}$	$\Phi_{2528}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
79660	1277	1536	$\frac{3}{256}$	$\frac{259}{1536}$	$\frac{1}{4}$	$\frac{253}{512}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
79661	1277	2520	$\frac{17}{1260}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1243}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{72}\ \Phi_{56}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
79662	1277	2508	$\frac{23}{1254}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1231}{2508}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{228}\ \Phi_{132}\ \Phi_{76}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
79663	1277	2464	$\frac{1}{44}$	$\frac{45}{1232}$	$\frac{1187}{2464}$	$\frac{43}{88}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{224}\ \Phi_{88}\ \Phi_{32}\ \Phi_8\ \Phi_1$
79664	1277	1848	$\frac{1}{44}$	$\frac{45}{616}$	$\frac{571}{1848}$	$\frac{43}{88}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
79665	1277	1408	$\frac{1}{44}$	$\frac{131}{1408}$	$\frac{45}{176}$	$\frac{43}{88}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{128}\ \Phi_{88}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_1$
79666	1277	2496	$\frac{29}{1248}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1219}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{192}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
79667	1277	1716	$\frac{10}{429}$	$\frac{1}{11}$	$\frac{439}{1716}$	$\frac{419}{858}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{429}\ \Phi_{156}\ \Phi_{143}\ \Phi_{132}\ \Phi_{52}\ \Phi_{44}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
79668	1277	2480	$\frac{37}{1240}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1203}{2480}$	$\Phi_{2480}\ \Phi_{496}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
79669	1277	2436	$\frac{1}{29}$	$\frac{59}{1218}$	$\frac{28}{87}$	$\frac{1159}{2436}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{348}\ \Phi_{116}\ \Phi_{87}\ \Phi_{84}\ \Phi_{28}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
79670	1277	2432	$\frac{3}{64}$	$\frac{61}{1216}$	$\frac{1}{4}$	$\frac{1155}{2432}$	$\Phi_{2432}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
79671	1277	2400	$\frac{3}{80}$	$\frac{77}{1200}$	$\frac{1}{4}$	$\frac{1123}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
79672	1277	1740	$\frac{1}{29}$	$\frac{28}{435}$	$\frac{463}{1740}$	$\frac{407}{870}$	$\Phi_{1740}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{145}\ \Phi_{116}\ \Phi_{87}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
79673	1277	1430	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{153}{1430}$	$\frac{133}{286}$	$\Phi_{1430}\ \Phi_{715}\ \Phi_{143}\ \Phi_{130}\ \Phi_{110}\ \Phi_{65}\ \Phi_{55}\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_1$
79674	1277	2376	$\frac{1}{44}$	$\frac{89}{1188}$	$\frac{43}{132}$	$\frac{1099}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{132}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
79675	1277	2376	$\frac{89}{1188}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1099}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{33}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
79676	1277	1760	$\frac{1}{44}$	$\frac{43}{440}$	$\frac{483}{1760}$	$\frac{397}{880}$	$\Phi_{1760}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
79677	1277	2320	$\frac{1}{29}$	$\frac{117}{1160}$	$\frac{28}{145}$	$\frac{1043}{2320}$	$\Phi_{2320}\ \Phi_{464}\ \Phi_{145}\ \Phi_{80}\ \Phi_{16}\ \Phi_5\ \Phi_1$
79678	1277	1386	$\frac{109}{1386}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{198}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{126}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{42}\ \Phi_{33}\ \Phi_{21}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1$
79679	1277	1566	$\frac{1}{29}$	$\frac{28}{261}$	$\frac{289}{1566}$	$\frac{233}{522}$	$\Phi_{1566}\ \Phi_{783}\ \Phi_{261}\ \Phi_{87}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1$
79680	1277	2304	$\frac{3}{128}$	$\frac{125}{1152}$	$\frac{1}{4}$	$\frac{1027}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
79681	1277	2288	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{133}{1144}$	$\frac{1011}{2288}$	$\Phi_{2288}\ \Phi_{208}\ \Phi_{176}\ \Phi_{143}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
79682	1277	2240	$\frac{3}{160}$	$\frac{157}{1120}$	$\frac{1}{4}$	$\frac{963}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
79683	1277	2200	$\frac{1}{44}$	$\frac{177}{1100}$	$\frac{43}{220}$	$\frac{923}{2200}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{220}\ \Phi_{200}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
79684	1277	1584	$\frac{1}{44}$	$\frac{43}{264}$	$\frac{307}{1584}$	$\frac{221}{528}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
79685	1277	1450	$\frac{1}{29}$	$\frac{173}{1450}$	$\frac{28}{145}$	$\frac{117}{290}$	$\Phi_{1450}\ \Phi_{725}\ \Phi_{145}\ \Phi_{50}\ \Phi_{25}\ \Phi_5\ \Phi_1$
79686	1277	2112	$\frac{1}{44}$	$\frac{43}{264}$	$\frac{221}{1056}$	$\frac{835}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{64}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
79687	1277	2088	$\frac{1}{116}$	$\frac{233}{1044}$	$\frac{115}{348}$	$\frac{811}{2088}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{87}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
79688	1277	2088	$\frac{1}{29}$	$\frac{28}{261}$	$\frac{233}{1044}$	$\frac{811}{2088}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{261}\ \Phi_{232}\ \Phi_{87}\ \Phi_{72}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
79689	1277	2048	$\frac{3}{256}$	$\frac{253}{1024}$	$\frac{1}{4}$	$\frac{771}{2048}$	$\Phi_{2048}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
79690	1277	1856	$\frac{1}{116}$	$\frac{115}{464}$	$\frac{579}{1856}$	$\frac{349}{928}$	$\Phi_{1856}\ \Phi_{464}\ \Phi_{232}\ \Phi_{64}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
79691	1277	1696	$\frac{5}{424}$	$\frac{419}{1696}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1696}\ \Phi_{848}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
79692	1277	1296	$\frac{19}{1296}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
79693	1277	1320	$\frac{43}{1320}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
79694	1277	1392	$\frac{1}{29}$	$\frac{115}{1392}$	$\frac{28}{87}$	$\frac{59}{174}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{348}\ \Phi_{232}\ \Phi_{116}\ \Phi_{87}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
79695	1277	1920	$\frac{3}{320}$	$\frac{1}{4}$	$\frac{317}{960}$	$\frac{643}{1920}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
79696	1277	1584	$\frac{1}{44}$	$\frac{307}{1584}$	$\frac{89}{396}$	$\frac{43}{132}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
79697	1277	1536	$\frac{3}{128}$	$\frac{259}{1536}$	$\frac{1}{4}$	$\frac{125}{384}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
79698	1277	1827	$\frac{1}{29}$	$\frac{59}{609}$	$\frac{550}{1827}$	$\frac{28}{87}$	$\Phi_{1827}\ \Phi_{261}\ \Phi_{87}\ \Phi_{63}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
79699	1277	1881	$\frac{23}{627}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{604}{1881}$	$\Phi_{1881}\ \Phi_{171}\ \Phi_{99}\ \Phi_{33}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
79700	1277	1440	$\frac{3}{80}$	$\frac{163}{1440}$	$\frac{1}{4}$	$\frac{77}{240}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
79701	1277	1344	$\frac{67}{1344}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
79702	1277	1485	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{208}{1485}$	$\frac{89}{297}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{165}\ \Phi_{135}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
79703	1277	1782	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{594}$	$\frac{505}{1782}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{162}\ \Phi_{99}\ \Phi_{81}\ \Phi_{33}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
79704	1277	1320	$\frac{43}{1320}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
79705	1277	1740	$\frac{1}{29}$	$\frac{28}{145}$	$\frac{117}{580}$	$\frac{463}{1740}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{348}\ \Phi_{174}\ \Phi_{145}\ \Phi_{87}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
79706	1277	1716	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{133}{572}$	$\frac{439}{1716}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{429}\ \Phi_{156}\ \Phi_{143}\ \Phi_{132}\ \Phi_{78}\ \Phi_{66}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
79707	1277	1680	$\frac{17}{420}$	$\frac{3}{20}$	$\frac{403}{1680}$	$\frac{1}{4}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
79708	1277	1664	$\frac{29}{416}$	$\frac{3}{32}$	$\frac{387}{1664}$	$\frac{1}{4}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
79709	1277	1600	$\frac{3}{80}$	$\frac{77}{400}$	$\frac{323}{1600}$	$\frac{1}{4}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
79710	1277	1400	$\frac{123}{1400}$	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{100}\ \Phi_{56}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
79711	1277	1440	$\frac{17}{180}$	$\frac{163}{1440}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
79712	1277	1584	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{307}{1584}$	$\frac{89}{396}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
79713	1278	2120	$\frac{1}{212}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{211}{424}$	$\Phi_{2120}\ \Phi_{424}^2\ \Phi_{40}\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{1}^2$
79714	1278	1272	$\frac{1}{212}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{211}{424}$	$\Phi_{1272}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_{6}$
79715	1278	3810	$\frac{4}{635}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{631}{1270}$	$\Phi_{3810}\ \Phi_{762}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
79716	1278	2256	$\frac{1}{141}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{70}{141}$	$\Phi_{2256}\ \Phi_{752}\ \Phi_{141}\ \Phi_{48}\ \Phi_{47}\ \Phi_{16}^2\ \Phi_{3}\ \Phi_{1}^2$
79717	1278	564	$\frac{1}{141}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{70}{141}$	$\Phi_{564}^2\ \Phi_{282}^2\ \Phi_{188}^2\ \Phi_{141}^3\ \Phi_{94}^2\ \Phi_{47}^3\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
79718	1278	768	$\frac{1}{128}$	$\frac{43}{256}$	$\frac{1}{3}$	$\frac{127}{256}$	$\Phi_{768}^2\ \Phi_{384}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{3}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
79719	1278	1277	$\frac{13}{1277}$	$\frac{215}{1277}$	$\frac{354}{1277}$	$\frac{632}{1277}$	$\Phi_{1277}\ \Phi_1^2$
79720	1278	3792	$\frac{7}{632}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{625}{1264}$	$\Phi_{3792}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
79721	1278	1708	$\frac{5}{427}$	$\frac{72}{427}$	$\frac{1}{4}$	$\frac{211}{427}$	$\Phi_{1708}\ \Phi_{854}\ \Phi_{244}\ \Phi_{122}\ \Phi_{28}\ \Phi_{14}$
79722	1278	2380	$\frac{1}{70}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{69}{140}$	$\Phi_{2380}\ \Phi_{476}\ \Phi_{340}\ \Phi_{140}^2\ \Phi_{68}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
79723	1278	420	$\frac{1}{70}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{69}{140}$	$\Phi_{420}^9\ \Phi_{84}^9\ \Phi_{60}^9\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^9\ \Phi_6$
79724	1278	2380	$\frac{1}{70}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{69}{140}$	$\Phi_{2380}\ \Phi_{476}\ \Phi_{340}\ \Phi_{140}^2\ \Phi_{68}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
79725	1278	140	$\frac{1}{70}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{69}{140}$	$\Phi_{140}^6\ \Phi_{70}^{12}\ \Phi_{35}^{12}\ \Phi_{28}^7\ \Phi_{20}^6\ \Phi_{14}^{13}\ \Phi_{10}^{12}\ \Phi_7^{12}\ \Phi_5^{12}\ \Phi_4^6\ \Phi_2^{12}\ \Phi_1^{12}$
79726	1278	244	$\frac{1}{61}$	$\frac{31}{244}$	$\frac{1}{4}$	$\frac{30}{61}$	$\Phi_{244}^5\ \Phi_{122}^5\ \Phi_{61}^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
79727	1278	1248	$\frac{5}{208}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{203}{416}$	$\Phi_{1248}^3\ \Phi_{96}^3\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
79728	1278	2622	$\frac{2}{69}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{2622}\ \Phi_{874}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
79729	1278	3720	$\frac{19}{620}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{601}{1240}$	$\Phi_{3720}\ \Phi_{744}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
79730	1278	1824	$\frac{1}{24}$	$\frac{1}{19}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
79731	1278	2584	$\frac{3}{68}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{2584}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
79732	1278	3648	$\frac{1}{32}$	$\frac{31}{608}$	$\frac{1}{3}$	$\frac{577}{1216}$	$\Phi_{3648}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
79733	1278	1785	$\frac{1}{35}$	$\frac{1}{17}$	$\frac{34}{105}$	$\frac{8}{17}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{105}^2\ \Phi_{51}\ \Phi_{21}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
79734	1278	1275	$\frac{4}{75}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{255}\ \Phi_{75}^2\ \Phi_{51}\ \Phi_{25}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
79735	1278	1428	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{8}{17}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{204}\ \Phi_{102}\ \Phi_{84}^2\ \Phi_{68}\ \Phi_{51}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
79736	1278	1309	$\frac{1}{17}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{8}{17}$	$\Phi_{1309}\ \Phi_{187}\ \Phi_{77}^2\ \Phi_{17}\ \Phi_{11}^2\ \Phi_1^2$
79737	1278	1360	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{8}{17}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{272}\ \Phi_{136}\ \Phi_{80}^2\ \Phi_{68}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
79738	1278	1200	$\frac{1}{40}$	$\frac{13}{200}$	$\frac{1}{3}$	$\frac{187}{400}$	$\Phi_{1200}^3\ \Phi_{240}^3\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}^3\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
79739	1278	2508	$\frac{1}{19}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
79740	1278	660	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{61}{132}$	$\Phi_{660}^4\ \Phi_{220}^4\ \Phi_{132}^2\ \Phi_{110}\ \Phi_{60}^4\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{20}^4\ \Phi_{12}^2\ \Phi_4^2$
79741	1278	390	$\frac{1}{13}$	$\frac{7}{78}$	$\frac{1}{10}$	$\frac{6}{13}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^3\ \Phi_{78}^2\ \Phi_{65}^3\ \Phi_{39}^2\ \Phi_{30}^4\ \Phi_{26}\ \Phi_{15}^4\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
79742	1278	770	$\frac{6}{77}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{11}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{110}\ \Phi_{70}^2\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{22}\ \Phi_{14}^2$
79743	1278	130	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{10}$	$\frac{59}{130}$	$\Phi_{130}^9\ \Phi_{65}^{11}\ \Phi_{26}^9\ \Phi_{13}^{10}\ \Phi_{10}^8\ \Phi_5^{10}\ \Phi_2^8\ \Phi_1^{10}$
79744	1278	384	$\frac{1}{64}$	$\frac{7}{64}$	$\frac{1}{3}$	$\frac{57}{128}$	$\Phi_{384}^9\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
79745	1278	2432	$\frac{1}{19}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{2432}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
79746	1278	144	$\frac{1}{72}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{144}^{16}\ \Phi_{72}^2\ \Phi_{48}^{15}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^{16}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
79747	1278	752	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{23}{94}$	$\frac{7}{16}$	$\Phi_{752}^3\ \Phi_{94}^2\ \Phi_{47}\ \Phi_{16}^4\ \Phi_2^2\ \Phi_1^2$
79748	1278	1520	$\frac{1}{19}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}$
79749	1278	2394	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{2394}\ \Phi_{798}\ \Phi_{342}\ \Phi_{266}\ \Phi_{171}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
79750	1278	3360	$\frac{1}{80}$	$\frac{79}{560}$	$\frac{1}{3}$	$\frac{481}{1120}$	$\Phi_{3360}\ \Phi_{672}\ \Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
79751	1278	868	$\frac{4}{217}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{868}^2\ \Phi_{434}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{28}\ \Phi_{14}$
79752	1278	244	$\frac{1}{61}$	$\frac{10}{61}$	$\frac{1}{4}$	$\frac{51}{122}$	$\Phi_{244}^7\ \Phi_{122}\ \Phi_{61}^6\ \Phi_4^6\ \Phi_1^6$
79753	1278	2280	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
79754	1278	530	$\frac{1}{106}$	$\frac{1}{5}$	$\frac{35}{106}$	$\frac{2}{5}$	$\Phi_{530}^2\ \Phi_{265}^2\ \Phi_{106}^4\ \Phi_{53}^4\ \Phi_{10}^2\ \Phi_5^3\ \Phi_2^4\ \Phi_1^6$
79755	1278	360	$\frac{1}{72}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^6\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^6\ \Phi_{36}^6\ \Phi_{30}^3\ \Phi_{24}^6\ \Phi_{20}^2\ \Phi_{18}^6\ \Phi_{15}^3\ \Phi_{12}^6\ \Phi_{10}^2\ \Phi_9^6\ \Phi_8^6\ \Phi_6^6\ \Phi_5^3\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
79756	1278	265	$\frac{1}{53}$	$\frac{52}{265}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{265}^{5}\ \Phi_{53}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
79757	1278	1277	$\frac{11}{1277}$	$\frac{285}{1277}$	$\frac{422}{1277}$	$\frac{496}{1277}$	$\Phi_{1277}\ \Phi_{1}^{2}$
79758	1278	3072	$\frac{1}{128}$	$\frac{127}{512}$	$\frac{1}{3}$	$\frac{385}{1024}$	$\Phi_{3072}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
79759	1278	1368	$\frac{1}{72}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
79760	1278	2052	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{2052}\ \Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
79761	1278	1277	$\frac{14}{1277}$	$\frac{283}{1277}$	$\frac{421}{1277}$	$\frac{428}{1277}$	$\Phi_{1277}\ \Phi_{1}^{2}$
79762	1278	1708	$\frac{4}{427}$	$\frac{1}{4}$	$\frac{141}{427}$	$\frac{143}{427}$	$\Phi_{1708}\ \Phi_{854}\ \Phi_{244}\ \Phi_{122}\ \Phi_{28}\ \Phi_{14}$
79763	1278	960	$\frac{1}{160}$	$\frac{53}{160}$	$\frac{1}{3}$	$\frac{107}{320}$	$\Phi_{960}^{3}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}^{3}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
79764	1278	636	$\frac{1}{106}$	$\frac{1}{4}$	$\frac{35}{106}$	$\frac{1}{3}$	$\Phi_{636}^{4}\ \Phi_{318}^{2}\ \Phi_{159}^{2}\ \Phi_{12}^{5}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
79765	1278	1920	$\frac{7}{640}$	$\frac{143}{640}$	$\frac{211}{640}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
79766	1278	768	$\frac{1}{64}$	$\frac{43}{256}$	$\frac{21}{64}$	$\frac{1}{3}$	$\Phi_{768}^{3}\ \Phi_{384}^{3}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
79767	1278	240	$\frac{1}{40}$	$\frac{9}{80}$	$\frac{13}{40}$	$\frac{1}{3}$	$\Phi_{240}^{9}\ \Phi_{120}^{7}\ \Phi_{60}^{7}\ \Phi_{48}^{9}\ \Phi_{30}^{7}\ \Phi_{24}^{7}\ \Phi_{15}^{7}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
79768	1278	210	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{34}{105}$	$\frac{1}{3}$	$\Phi_{210}^{5}\ \Phi_{105}^{4}\ \Phi_{70}^{10}\ \Phi_{42}^{5}\ \Phi_{35}^{8}\ \Phi_{30}^{6}\ \Phi_{21}^{4}\ \Phi_{15}^{5}\ \Phi_{14}^{10}\ \Phi_{10}^{10}\ \Phi_{7}^{8}\ \Phi_{6}^{6}\ \Phi_{5}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{10}\ \Phi_{1}^{8}$
79769	1278	672	$\frac{11}{224}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{168}^{3}\ \Phi_{96}^{3}\ \Phi_{84}^{3}\ \Phi_{48}\ \Phi_{42}^{3}\ \Phi_{24}\ \Phi_{21}^{3}\ \Phi_{12}\ \Phi_{6}$
79770	1278	660	$\frac{7}{220}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{165}^{3}\ \Phi_{132}^{3}\ \Phi_{66}^{3}\ \Phi_{60}^{3}\ \Phi_{33}^{3}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^{3}\ \Phi_{6}$
79771	1278	72	$\frac{1}{72}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{72}^{18}\ \Phi_{36}^{18}\ \Phi_{24}^{18}\ \Phi_{18}^{18}\ \Phi_{12}^{16}\ \Phi_{9}^{18}\ \Phi_{8}^{18}\ \Phi_{6}^{16}\ \Phi_{4}^{18}\ \Phi_{3}^{15}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
79772	1278	2544	$\frac{3}{212}$	$\frac{209}{848}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2544}\ \Phi_{1272}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
79773	1278	3180	$\frac{1}{53}$	$\frac{52}{265}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3180}\ \Phi_{1590}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}\ \Phi_{6}$
79774	1278	840	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{67}{280}$	$\frac{1}{3}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{168}^{3}\ \Phi_{120}^{3}\ \Phi_{84}^{3}\ \Phi_{60}^{3}\ \Phi_{30}\ \Phi_{24}^{3}\ \Phi_{15}\ \Phi_{12}^{3}\ \Phi_{6}$
79775	1278	2496	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{193}{832}$	$\frac{1}{3}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
79776	1278	2400	$\frac{1}{40}$	$\frac{39}{200}$	$\frac{161}{800}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
79777	1278	150	$\frac{4}{75}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{150}^{10}\ \Phi_{75}^{8}\ \Phi_{50}^{10}\ \Phi_{30}^{6}\ \Phi_{25}^{8}\ \Phi_{15}^{5}\ \Phi_{10}^{10}\ \Phi_{6}^{6}\ \Phi_{5}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{10}\ \Phi_{1}^{8}$
79778	1278	420	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{84}$	$\frac{1}{3}$	$\Phi_{420}^{4}\ \Phi_{210}^{2}\ \Phi_{140}^{4}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{70}^{4}\ \Phi_{60}^{4}\ \Phi_{42}\ \Phi_{35}^{4}\ \Phi_{30}^{3}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{20}^{4}\ \Phi_{15}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
79779	1278	2310	$\frac{6}{77}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{165}\ \Phi_{66}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
79780	1278	2100	$\frac{61}{700}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{150}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
79781	1278	240	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{3}$	$\Phi_{240}^{9}\ \Phi_{120}^{9}\ \Phi_{60}^{9}\ \Phi_{48}^{9}\ \Phi_{30}\ \Phi_{24}^{9}\ \Phi_{15}\ \Phi_{12}^{9}\ \Phi_{6}$
79782	1278	732	$\frac{1}{61}$	$\frac{41}{183}$	$\frac{1}{4}$	$\frac{20}{61}$	$\Phi_{732}^{3}\ \Phi_{366}^{3}\ \Phi_{244}\ \Phi_{122}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
79783	1278	1785	$\frac{1}{35}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{34}{105}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{105}^{2}\ \Phi_{51}\ \Phi_{21}^{2}\ \Phi_{17}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
79784	1278	420	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{34}{105}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{84}^{6}\ \Phi_{60}^{6}\ \Phi_{42}^{6}\ \Phi_{30}^{6}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}^{6}\ \Phi_{6}^{6}$
79785	1278	330	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{23}{165}$	$\frac{10}{33}$	$\Phi_{330}^{4}\ \Phi_{165}^{3}\ \Phi_{110}^{5}\ \Phi_{66}^{4}\ \Phi_{55}^{4}\ \Phi_{33}^{4}\ \Phi_{30}^{4}\ \Phi_{22}^{5}\ \Phi_{15}^{3}\ \Phi_{11}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
79786	1278	1275	$\frac{4}{75}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{255}\ \Phi_{75}^{2}\ \Phi_{51}\ \Phi_{25}^{2}\ \Phi_{17}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
79787	1278	1428	$\frac{1}{14}$	$\frac{2}{17}$	$\frac{13}{84}$	$\frac{5}{17}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{204}\ \Phi_{102}\ \Phi_{84}^{2}\ \Phi_{68}\ \Phi_{51}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{17}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
79788	1278	1309	$\frac{6}{77}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{5}{17}$	$\Phi_{1309}\ \Phi_{187}\ \Phi_{77}^{2}\ \Phi_{17}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
79789	1278	1360	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{272}\ \Phi_{136}\ \Phi_{80}^{2}\ \Phi_{68}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
79790	1278	588	$\frac{5}{147}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{588}^{3}\ \Phi_{294}^{3}\ \Phi_{196}^{3}\ \Phi_{98}^{3}\ \Phi_{84}^{3}\ \Phi_{42}^{3}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
79791	1278	990	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{33}$	$\frac{28}{99}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{198}^2\ \Phi_{110}\ \Phi_{90}^2\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{22}\ \Phi_{18}^2$
79792	1278	390	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{12}{65}$	$\frac{53}{195}$	$\Phi_{390}^5\ \Phi_{195}^4\ \Phi_{130}\ \Phi_{78}^5\ \Phi_{65}\ \Phi_{39}^4\ \Phi_{30}^5\ \Phi_{26}\ \Phi_{15}^4\ \Phi_{6}^5\ \Phi_{3}^4$
79793	1278	1824	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
79794	1278	188	$\frac{1}{47}$	$\frac{23}{94}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{188}^6\ \Phi_{94}^8\ \Phi_{47}^7\ \Phi_{4}^8\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
79795	1278	280	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{67}{280}$	$\frac{1}{4}$	$\Phi_{280}^6\ \Phi_{140}^2\ \Phi_{70}^4\ \Phi_{56}^6\ \Phi_{40}^6\ \Phi_{35}^4\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{14}^5\ \Phi_{10}^4\ \Phi_{8}^6\ \Phi_{7}^4\ \Phi_{5}^4\ \Phi_{4}^2\ \Phi_{2}^4\ \Phi_{1}^4$
79796	1278	224	$\frac{11}{224}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{224}^6\ \Phi_{112}^6\ \Phi_{56}^6\ \Phi_{32}^6\ \Phi_{28}^3\ \Phi_{16}^6\ \Phi_{14}^5\ \Phi_{8}^6\ \Phi_{7}^4\ \Phi_{4}^2\ \Phi_{2}^4\ \Phi_{1}^4$
79797	1278	2100	$\frac{4}{75}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}$
79798	1278	700	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{33}{175}$	$\frac{1}{4}$	$\Phi_{700}^3\ \Phi_{350}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{28}\ \Phi_{14}$
79799	1278	1820	$\frac{29}{455}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{364}\ \Phi_{260}\ \Phi_{182}\ \Phi_{130}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$
79800	1278	84	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{84}$	$\frac{1}{4}$	$\Phi_{84}^{18}\ \Phi_{42}^{18}\ \Phi_{28}^7\ \Phi_{21}^{18}\ \Phi_{14}^{13}\ \Phi_{12}^{18}\ \Phi_{7}^{12}\ \Phi_{6}^{18}\ \Phi_{4}^6\ \Phi_{3}^{18}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
79801	1278	308	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{308}^6\ \Phi_{154}^6\ \Phi_{44}^6\ \Phi_{28}\ \Phi_{22}^6\ \Phi_{14}$
79802	1278	980	$\frac{3}{35}$	$\frac{32}{245}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{28}\ \Phi_{14}$
79803	1278	560	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}\ \Phi_{112}^3\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{14}^3\ \Phi_{7}^2$
79804	1278	440	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{17}{88}$	$\frac{5}{22}$	$\Phi_{440}^4\ \Phi_{220}^4\ \Phi_{110}\ \Phi_{88}^2\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{40}^4\ \Phi_{22}\ \Phi_{20}^4\ \Phi_{8}^2\ \Phi_{4}^2$
79805	1279	2544	$\frac{7}{1272}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1265}{2544}$	$\Phi_{2544}\ \Phi_{848}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
79806	1279	2272	$\frac{1}{142}$	$\frac{143}{1136}$	$\frac{993}{2272}$	$\frac{141}{284}$	$\Phi_{2272}\ \Phi_{284}\ \Phi_{32}\ \Phi_{4}\ \Phi_{1}$
79807	1279	1704	$\frac{1}{142}$	$\frac{425}{1704}$	$\frac{143}{568}$	$\frac{141}{284}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{426}\ \Phi_{284}\ \Phi_{213}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
79808	1279	1464	$\frac{2}{183}$	$\frac{185}{1464}$	$\frac{1}{3}$	$\frac{181}{366}$	$\Phi_{1464}\ \Phi_{732}\ \Phi_{488}\ \Phi_{244}\ \Phi_{183}\ \Phi_{61}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
79809	1279	2520	$\frac{19}{1260}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{1241}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{72}\ \Phi_{56}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
79810	1279	2520	$\frac{19}{1260}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1241}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{72}\ \Phi_{56}\ \Phi_{40}\ \Phi_{24}\ \Phi_{21}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
79811	1279	2484	$\frac{37}{1242}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1205}{2484}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{276}\ \Phi_{108}\ \Phi_{92}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
79812	1279	1728	$\frac{17}{432}$	$\frac{1}{18}$	$\frac{449}{1728}$	$\frac{415}{864}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
79813	1279	2448	$\frac{55}{1224}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{1169}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
79814	1279	1512	$\frac{1}{18}$	$\frac{19}{252}$	$\frac{233}{1512}$	$\frac{17}{36}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{72}\ \Phi_{56}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
79815	1279	1440	$\frac{1}{18}$	$\frac{19}{180}$	$\frac{161}{1440}$	$\frac{17}{36}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
79816	1279	1404	$\frac{8}{117}$	$\frac{125}{1404}$	$\frac{1}{9}$	$\frac{109}{234}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{156}\ \Phi_{117}\ \Phi_{108}\ \Phi_{54}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{27}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
79817	1279	2376	$\frac{1}{18}$	$\frac{91}{1188}$	$\frac{17}{108}$	$\frac{1097}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{108}\ \Phi_{88}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
79818	1279	2376	$\frac{91}{1188}$	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1097}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{33}\ \Phi_{24}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
79819	1279	1386	$\frac{107}{1386}$	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{198}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{126}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{42}\ \Phi_{33}\ \Phi_{21}\ \Phi_{14}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
79820	1279	2340	$\frac{8}{117}$	$\frac{109}{1170}$	$\frac{1}{9}$	$\frac{1061}{2340}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{180}\ \Phi_{156}\ \Phi_{117}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{20}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
79821	1279	1302	$\frac{23}{1302}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}\ \Phi_{217}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
79822	1279	2304	$\frac{1}{18}$	$\frac{127}{1152}$	$\frac{17}{144}$	$\frac{1025}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
79823	1279	1440	$\frac{1}{18}$	$\frac{161}{1440}$	$\frac{17}{144}$	$\frac{127}{288}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
79824	1279	2268	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{145}{1134}$	$\frac{989}{2268}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{324}\ \Phi_{252}\ \Phi_{162}\ \Phi_{108}\ \Phi_{84}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
79825	1279	2196	$\frac{2}{183}$	$\frac{181}{1098}$	$\frac{1}{3}$	$\frac{917}{2196}$	$\Phi_{2196}\ \Phi_{732}\ \Phi_{244}\ \Phi_{183}\ \Phi_{61}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
79826	1279	1908	$\frac{7}{636}$	$\frac{1}{6}$	$\frac{629}{1908}$	$\frac{5}{12}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{477}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
79827	1279	1296	$\frac{17}{1296}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
79828	1279	2160	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{199}{1080}$	$\frac{881}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
79829	1279	1944	$\frac{17}{324}$	$\frac{1}{18}$	$\frac{307}{972}$	$\frac{665}{1944}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
79830	1279	1647	$\frac{2}{183}$	$\frac{368}{1647}$	$\frac{181}{549}$	$\frac{1}{3}$	$\Phi_{1647}\ \Phi_{183}\ \Phi_{61}\ \Phi_{27}\ \Phi_1$
79831	1279	1890	$\frac{19}{630}$	$\frac{2}{21}$	$\frac{611}{1890}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{54}\ \Phi_{27}\ \Phi_{21}\ \Phi_7\ \Phi_1$
79832	1279	1323	$\frac{44}{1323}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{189}\ \Phi_{147}\ \Phi_{49}\ \Phi_{27}\ \Phi_{21}\ \Phi_7\ \Phi_1$
79833	1279	1680	$\frac{19}{420}$	$\frac{2}{21}$	$\frac{401}{1680}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_8\ \Phi_7\ \Phi_1$
79834	1279	1344	$\frac{65}{1344}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{64}\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_8\ \Phi_7\ \Phi_1$
79835	1279	1575	$\frac{19}{315}$	$\frac{2}{21}$	$\frac{296}{1575}$	$\frac{1}{3}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{225}\ \Phi_{175}\ \Phi_{75}\ \Phi_{25}\ \Phi_{21}\ \Phi_7\ \Phi_1$
79836	1279	1365	$\frac{86}{1365}$	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{91}\ \Phi_{65}\ \Phi_{39}\ \Phi_{21}\ \Phi_{13}\ \Phi_7\ \Phi_1$
79837	1279	1512	$\frac{19}{252}$	$\frac{2}{21}$	$\frac{233}{1512}$	$\frac{1}{3}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{72}\ \Phi_{56}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$
79838	1279	1386	$\frac{107}{1386}$	$\frac{2}{21}$	$\frac{19}{126}$	$\frac{1}{3}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{198}\ \Phi_{154}\ \Phi_{99}\ \Phi_{77}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{21}\ \Phi_{11}\ \Phi_7\ \Phi_1$
79839	1279	1470	$\frac{19}{210}$	$\frac{2}{21}$	$\frac{191}{1470}$	$\frac{1}{3}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{294}\ \Phi_{245}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{21}\ \Phi_7\ \Phi_1$
79840	1279	1485	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{206}{1485}$	$\frac{91}{297}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{165}\ \Phi_{135}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_5\ \Phi_1$
79841	1279	1782	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{594}$	$\frac{503}{1782}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{162}\ \Phi_{99}\ \Phi_{81}\ \Phi_{33}\ \Phi_{11}\ \Phi_1$
79842	1279	1755	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{109}{585}$	$\frac{476}{1755}$	$\Phi_{1755}\ \Phi_{351}\ \Phi_{135}\ \Phi_{117}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_1$
79843	1279	1728	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{127}{576}$	$\frac{449}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
79844	1279	1584	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{305}{1584}$	$\frac{91}{396}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
79845	1280	957	$\frac{1}{319}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{159}{319}$	$\Phi_{957}\ \Phi_{319}^2\ \Phi_{87}\ \Phi_{33}\ \Phi_{29}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
79846	1280	1279	$\frac{5}{1279}$	$\frac{321}{1279}$	$\frac{479}{1279}$	$\frac{637}{1279}$	$\Phi_{1279}\ \Phi_1^2$
79847	1280	2040	$\frac{1}{255}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{127}{255}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{255}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{51}\ \Phi_{40}\ \Phi_{24}\ \Phi_{17}\ \Phi_{15}\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
79848	1280	1923	$\frac{3}{641}$	$\frac{161}{641}$	$\frac{1}{3}$	$\frac{319}{641}$	Φ_{1923}
79849	1280	1113	$\frac{1}{159}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{79}{159}$	$\Phi_{1113}\ \Phi_{371}\ \Phi_{159}^2\ \Phi_{53}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
79850	1280	795	$\frac{1}{159}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{79}{159}$	$\Phi_{795}^2\ \Phi_{265}^2\ \Phi_{15}^3\ \Phi_5^2$
79851	1280	1279	$\frac{9}{1279}$	$\frac{161}{1279}$	$\frac{559}{1279}$	$\frac{635}{1279}$	$\Phi_{1279}\ \Phi_1^2$
79852	1280	1143	$\frac{1}{127}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{63}{127}$	$\Phi_{1143}\ \Phi_{381}\ \Phi_{127}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
79853	1280	762	$\frac{1}{127}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{63}{127}$	$\Phi_{762}^2\ \Phi_{381}\ \Phi_{254}^2\ \Phi_{127}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
79854	1280	1279	$\frac{11}{1279}$	$\frac{129}{1279}$	$\frac{575}{1279}$	$\frac{634}{1279}$	$\Phi_{1279}\ \Phi_1^2$
79855	1280	535	$\frac{1}{107}$	$\frac{1}{5}$	$\frac{27}{107}$	$\frac{53}{107}$	$\Phi_{535}^3\ \Phi_5^2$
79856	1280	1279	$\frac{13}{1279}$	$\frac{239}{1279}$	$\frac{323}{1279}$	$\frac{633}{1279}$	$\Phi_{1279}\ \Phi_1^2$
79857	1280	1923	$\frac{7}{641}$	$\frac{81}{641}$	$\frac{1}{3}$	$\frac{317}{641}$	Φ_{1923}
79858	1280	1542	$\frac{3}{257}$	$\frac{1}{6}$	$\frac{65}{257}$	$\frac{127}{257}$	$\Phi_{1542}\ \Phi_{771}\ \Phi_{514}$
79859	1280	1185	$\frac{1}{79}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{39}{79}$	$\Phi_{1185}\ \Phi_{395}\ \Phi_{237}\ \Phi_{79}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
79860	1280	711	$\frac{1}{79}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{39}{79}$	$\Phi_{711}^2\ \Phi_{237}\ \Phi_{79}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
79861	1280	395	$\frac{1}{79}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{39}{79}$	$\Phi_{395}^3\ \Phi_{79}^4\ \Phi_5^6\ \Phi_1^8$
79862	1280	1279	$\frac{17}{1279}$	$\frac{81}{1279}$	$\frac{599}{1279}$	$\frac{631}{1279}$	$\Phi_{1279}\ \Phi_1^2$
79863	1280	1279	$\frac{17}{1279}$	$\frac{191}{1279}$	$\frac{324}{1279}$	$\frac{631}{1279}$	$\Phi_{1279}\ \Phi_1^2$
79864	1280	1923	$\frac{9}{641}$	$\frac{65}{641}$	$\frac{1}{3}$	$\frac{316}{641}$	Φ_{1923}
79865	1280	1197	$\frac{1}{63}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{31}{63}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{171}\ \Phi_{133}\ \Phi_{63}^2\ \Phi_{57}\ \Phi_{21}^2\ \Phi_{19}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
79866	1280	693	$\frac{1}{63}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{31}{63}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}^2\ \Phi_{77}^2\ \Phi_{33}^3\ \Phi_{11}^2$
79867	1280	1197	$\frac{1}{63}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{31}{63}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{171}\ \Phi_{133}\ \Phi_{63}^2\ \Phi_{57}\ \Phi_{21}^2\ \Phi_{19}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
79868	1280	630	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{31}{63}$	$\Phi_{630}^3\ \Phi_{315}^2\ \Phi_{210}^3\ \Phi_{105}^2\ \Phi_{90}^3\ \Phi_{70}^3\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
79869	1280	1279	$\frac{21}{1279}$	$\frac{65}{1279}$	$\frac{607}{1279}$	$\frac{629}{1279}$	$\Phi_{1279}\ \Phi_1^2$
79870	1280	1449	$\frac{3}{161}$	$\frac{1}{9}$	$\frac{41}{161}$	$\frac{79}{161}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{69}\ \Phi_{63}\ \Phi_{21}$
79871	1280	1279	$\frac{25}{1279}$	$\frac{163}{1279}$	$\frac{279}{1279}$	$\frac{627}{1279}$	$\Phi_{1279}\ \Phi_1^2$
79872	1280	1605	$\frac{7}{321}$	$\frac{41}{321}$	$\frac{1}{5}$	$\frac{157}{321}$	$\Phi_{1605}\ \Phi_{535}\ \Phi_{15}$
79873	1280	1279	$\frac{29}{1279}$	$\frac{119}{1279}$	$\frac{327}{1279}$	$\frac{625}{1279}$	$\Phi_{1279}\ \Phi_1^2$
79874	1280	473	$\frac{1}{43}$	$\frac{1}{11}$	$\frac{11}{43}$	$\frac{21}{43}$	$\Phi_{473}^3\ \Phi_{11}^2$
79875	1280	1923	$\frac{15}{641}$	$\frac{41}{641}$	$\frac{1}{3}$	$\frac{313}{641}$	Φ_{1923}
79876	1280	1279	$\frac{31}{1279}$	$\frac{131}{1279}$	$\frac{287}{1279}$	$\frac{624}{1279}$	$\Phi_{1279}\ \Phi_1^2$
79877	1280	1209	$\frac{1}{39}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{19}{39}$	$\Phi_{1209}\ \Phi_{403}\ \Phi_{93}\ \Phi_{39}^2\ \Phi_{31}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
79878	1280	663	$\frac{1}{39}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{663}^2\ \Phi_{221}^2\ \Phi_{51}^3\ \Phi_{17}^2$
79879	1280	1209	$\frac{1}{39}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{19}{39}$	$\Phi_{1209}\ \Phi_{403}\ \Phi_{93}\ \Phi_{39}^2\ \Phi_{31}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
79880	1280	585	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{19}{39}$	$\Phi_{585}^3\ \Phi_{195}^2\ \Phi_{65}^2\ \Phi_{45}^4\ \Phi_{15}^3\ \Phi_5^2$
79881	1280	1279	$\frac{33}{1279}$	$\frac{41}{1279}$	$\frac{619}{1279}$	$\frac{623}{1279}$	$\Phi_{1279}\ \Phi_1^2$
79882	1280	1279	$\frac{33}{1279}$	$\frac{164}{1279}$	$\frac{223}{1279}$	$\frac{623}{1279}$	$\Phi_{1279}\ \Phi_1^2$
79883	1280	1542	$\frac{7}{257}$	$\frac{33}{257}$	$\frac{1}{6}$	$\frac{125}{257}$	$\Phi_{1542}\ \Phi_{771}\ \Phi_{514}$
79884	1280	535	$\frac{3}{107}$	$\frac{11}{107}$	$\frac{1}{5}$	$\frac{52}{107}$	$\Phi_{535}^3\ \Phi_5^2$
79885	1280	1279	$\frac{37}{1279}$	$\frac{95}{1279}$	$\frac{329}{1279}$	$\frac{621}{1279}$	$\Phi_{1279}\ \Phi_1^2$
79886	1280	1923	$\frac{19}{641}$	$\frac{33}{641}$	$\frac{1}{3}$	$\frac{311}{641}$	Φ_{1923}
79887	1280	651	$\frac{1}{31}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{651}^2\ \Phi_{217}^2\ \Phi_{93}\ \Phi_{31}^2\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
79888	1280	403	$\frac{1}{31}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{15}{31}$	$\Phi_{403}^3\ \Phi_{31}^4\ \Phi_{13}^6\ \Phi_1^8$
79889	1280	1705	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{15}{31}$	$\Phi_{1705}\ \Phi_{55}^2$
79890	1280	1209	$\frac{1}{31}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{15}{31}$	$\Phi_{1209}\ \Phi_{403}\ \Phi_{93}\ \Phi_{39}^2\ \Phi_{31}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
79891	1280	558	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{15}{31}$	$\Phi_{558}^3\ \Phi_{279}^2\ \Phi_{186}^2\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{18}^6\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
79892	1280	459	$\frac{1}{27}$	$\frac{1}{17}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{459}^3\ \Phi_{153}^3\ \Phi_{51}^3\ \Phi_{17}^2$
79893	1280	1279	$\frac{49}{1279}$	$\frac{83}{1279}$	$\frac{299}{1279}$	$\frac{615}{1279}$	$\Phi_{1279}\ \Phi_1^2$
79894	1280	693	$\frac{3}{77}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{37}{77}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}^2\ \Phi_{63}^3\ \Phi_{33}^2\ \Phi_{21}^3\ \Phi_9^2\ \Phi_3^2$
79895	1280	207	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{3}{23}$	$\frac{11}{23}$	$\Phi_{207}^7\ \Phi_{69}^7\ \Phi_9^6\ \Phi_3^6$
79896	1280	1279	$\frac{57}{1279}$	$\frac{139}{1279}$	$\frac{167}{1279}$	$\frac{611}{1279}$	$\Phi_{1279}\ \Phi_1^2$
79897	1280	1365	$\frac{3}{65}$	$\frac{1}{21}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}\ \Phi_{39}\ \Phi_{35}\ \Phi_{15}$
79898	1280	535	$\frac{5}{107}$	$\frac{7}{107}$	$\frac{1}{5}$	$\frac{51}{107}$	$\Phi_{535}^3\ \Phi_5^2$
79899	1280	1279	$\frac{59}{1279}$	$\frac{61}{1279}$	$\frac{335}{1279}$	$\frac{609}{1279}$	$\Phi_{1279}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
79900	1280	1279	$\frac{61}{1279}$	$\frac{67}{1279}$	$\frac{303}{1279}$	$\frac{609}{1279}$	$\Phi_{1279}\ \Phi_1^2$
79901	1280	1923	$\frac{21}{641}$	$\frac{31}{641}$	$\frac{1}{3}$	$\frac{305}{641}$	Φ_{1923}
79902	1280	1279	$\frac{65}{1279}$	$\frac{84}{1279}$	$\frac{239}{1279}$	$\frac{607}{1279}$	$\Phi_{1279}\ \Phi_1^2$
79903	1280	627	$\frac{1}{33}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{627}^2\ \Phi_{209}^2\ \Phi_{57}\ \Phi_{33}^4\ \Phi_{19}^2\ \Phi_{11}^4\ \Phi_3^2\ \Phi_1^4$
79904	1280	399	$\frac{1}{21}$	$\frac{1}{19}$	$\frac{5}{21}$	$\frac{9}{19}$	$\Phi_{399}^3\ \Phi_{133}^3\ \Phi_{57}^3\ \Phi_{21}^6\ \Phi_{19}^4\ \Phi_7^6\ \Phi_3^6\ \Phi_1^8$
79905	1280	1615	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{1615}\ \Phi_{85}^2$
79906	1280	665	$\frac{1}{19}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{9}{19}$	$\Phi_{665}^2\ \Phi_{133}\ \Phi_{95}^2\ \Phi_{35}^4\ \Phi_{19}^2\ \Phi_7^2\ \Phi_5^4\ \Phi_1^4$
79907	1280	171	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{9}{19}$	$\Phi_{171}^7\ \Phi_{57}^7\ \Phi_{19}^8\ \Phi_9^{14}\ \Phi_3^{14}\ \Phi_1^{16}$
79908	1280	1419	$\frac{7}{129}$	$\frac{1}{11}$	$\frac{17}{129}$	$\frac{61}{129}$	$\Phi_{1419}\ \Phi_{473}\ \Phi_{33}$
79909	1280	1279	$\frac{71}{1279}$	$\frac{135}{1279}$	$\frac{143}{1279}$	$\frac{604}{1279}$	$\Phi_{1279}\ \Phi_1^2$
79910	1280	1449	$\frac{9}{161}$	$\frac{17}{161}$	$\frac{1}{9}$	$\frac{76}{161}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{69}\ \Phi_{63}\ \Phi_{21}$
79911	1280	1279	$\frac{73}{1279}$	$\frac{111}{1279}$	$\frac{169}{1279}$	$\frac{603}{1279}$	$\Phi_{1279}\ \Phi_1^2$
79912	1280	1542	$\frac{15}{257}$	$\frac{17}{257}$	$\frac{1}{6}$	$\frac{121}{257}$	$\Phi_{1542}\ \Phi_{771}\ \Phi_{514}$
79913	1280	1605	$\frac{17}{321}$	$\frac{19}{321}$	$\frac{1}{5}$	$\frac{151}{321}$	$\Phi_{1605}\ \Phi_{535}\ \Phi_{15}$
79914	1280	1279	$\frac{47}{1279}$	$\frac{77}{1279}$	$\frac{339}{1279}$	$\frac{601}{1279}$	$\Phi_{1279}\ \Phi_1^2$
79915	1280	1923	$\frac{17}{641}$	$\frac{39}{641}$	$\frac{1}{3}$	$\frac{301}{641}$	Φ_{1923}
79916	1280	615	$\frac{1}{41}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{615}^2\ \Phi_{205}^2\ \Phi_{123}^3\ \Phi_{41}^2$
79917	1280	1185	$\frac{3}{79}$	$\frac{1}{15}$	$\frac{19}{79}$	$\frac{7}{15}$	$\Phi_{1185}\ \Phi_{395}\ \Phi_{237}\ \Phi_{79}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
79918	1280	105	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{105}^{13}\ \Phi_{35}^{13}\ \Phi_{21}^{12}\ \Phi_{15}^9\ \Phi_7^{12}\ \Phi_5^8\ \Phi_3^8\ \Phi_1^8$
79919	1280	1185	$\frac{4}{79}$	$\frac{1}{15}$	$\frac{15}{79}$	$\frac{7}{15}$	$\Phi_{1185}\ \Phi_{395}\ \Phi_{237}\ \Phi_{79}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
79920	1280	510	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{510}^3\ \Phi_{255}^2\ \Phi_{170}^3\ \Phi_{102}^4\ \Phi_{85}^2\ \Phi_{51}^3\ \Phi_{34}^4\ \Phi_{17}^2$
79921	1280	1185	$\frac{1}{15}$	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{7}{15}$	$\Phi_{1185}\ \Phi_{395}\ \Phi_{237}\ \Phi_{79}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
79922	1280	495	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{7}{15}$	$\Phi_{495}^3\ \Phi_{165}^2\ \Phi_{99}^4\ \Phi_{55}^2\ \Phi_{33}^3\ \Phi_{11}^2$
79923	1280	1353	$\frac{1}{33}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{1353}\ \Phi_{451}\ \Phi_{123}$
79924	1280	1279	$\frac{43}{1279}$	$\frac{97}{1279}$	$\frac{309}{1279}$	$\frac{591}{1279}$	$\Phi_{1279}\ \Phi_1^2$
79925	1280	273	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{273}^5\ \Phi_{91}^5\ \Phi_{39}^3\ \Phi_{21}^4\ \Phi_{13}^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
79926	1280	1377	$\frac{1}{17}$	$\frac{7}{81}$	$\frac{11}{81}$	$\frac{37}{81}$	$\Phi_{1377}\ \Phi_{459}\ \Phi_{153}\ \Phi_{51}$
79927	1280	1279	$\frac{87}{1279}$	$\frac{113}{1279}$	$\frac{149}{1279}$	$\frac{583}{1279}$	$\Phi_{1279}\ \Phi_1^2$
79928	1280	451	$\frac{1}{41}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{451}^3\ \Phi_{41}^2$
79929	1280	1449	$\frac{11}{161}$	$\frac{15}{161}$	$\frac{1}{9}$	$\frac{73}{161}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{69}\ \Phi_{63}\ \Phi_{21}$
79930	1280	1279	$\frac{35}{1279}$	$\frac{121}{1279}$	$\frac{311}{1279}$	$\frac{579}{1279}$	$\Phi_{1279}\ \Phi_1^2$
79931	1280	1279	$\frac{69}{1279}$	$\frac{121}{1279}$	$\frac{175}{1279}$	$\frac{579}{1279}$	$\Phi_{1279}\ \Phi_1^2$
79932	1280	1605	$\frac{11}{321}$	$\frac{31}{321}$	$\frac{1}{5}$	$\frac{145}{321}$	$\Phi_{1605}\ \Phi_{535}\ \Phi_{15}$
79933	1280	1279	$\frac{29}{1279}$	$\frac{125}{1279}$	$\frac{351}{1279}$	$\frac{577}{1279}$	$\Phi_{1279}\ \Phi_1^2$
79934	1280	1923	$\frac{11}{641}$	$\frac{63}{641}$	$\frac{1}{3}$	$\frac{289}{641}$	Φ_{1923}
79935	1280	1279	$\frac{44}{1279}$	$\frac{129}{1279}$	$\frac{247}{1279}$	$\frac{575}{1279}$	$\Phi_{1279}\ \Phi_1^2$
79936	1280	1365	$\frac{1}{21}$	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{29}{65}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}\ \Phi_{39}\ \Phi_{35}\ \Phi_{15}$
79937	1280	1279	$\frac{71}{1279}$	$\frac{141}{1279}$	$\frac{151}{1279}$	$\frac{569}{1279}$	$\Phi_{1279}\ \Phi_1^2$
79938	1280	585	$\frac{1}{65}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{585}^2\ \Phi_{195}^3\ \Phi_{117}^2\ \Phi_{65}^2\ \Phi_{45}^2\ \Phi_{39}^3\ \Phi_{15}^3\ \Phi_{13}^2\ \Phi_5^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
79939	1280	1143	$\frac{3}{127}$	$\frac{1}{9}$	$\frac{31}{127}$	$\frac{4}{9}$	$\Phi_{1143}\ \Phi_{381}\ \Phi_{127}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
79940	1280	495	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{495}^3\ \Phi_{165}^4\ \Phi_{55}^4\ \Phi_{45}^2\ \Phi_{15}^3\ \Phi_{5}^2$
79941	1280	1143	$\frac{7}{127}$	$\frac{1}{9}$	$\frac{15}{127}$	$\frac{4}{9}$	$\Phi_{1143}\ \Phi_{381}\ \Phi_{127}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
79942	1280	153	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{153}^9\ \Phi_{51}^9\ \Phi_{17}^8$
79943	1280	1279	$\frac{89}{1279}$	$\frac{119}{1279}$	$\frac{145}{1279}$	$\frac{567}{1279}$	$\Phi_{1279}\ \Phi_{1}^2$
79944	1280	473	$\frac{3}{43}$	$\frac{1}{11}$	$\frac{5}{43}$	$\frac{19}{43}$	$\Phi_{473}^3\ \Phi_{11}^2$
79945	1280	1449	$\frac{9}{161}$	$\frac{1}{9}$	$\frac{19}{161}$	$\frac{71}{161}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{69}\ \Phi_{63}\ \Phi_{21}$
79946	1280	1279	$\frac{71}{1279}$	$\frac{143}{1279}$	$\frac{151}{1279}$	$\frac{564}{1279}$	$\Phi_{1279}\ \Phi_{1}^2$
79947	1280	1279	$\frac{55}{1279}$	$\frac{153}{1279}$	$\frac{179}{1279}$	$\frac{563}{1279}$	$\Phi_{1279}\ \Phi_{1}^2$
79948	1280	1542	$\frac{9}{257}$	$\frac{31}{257}$	$\frac{1}{6}$	$\frac{113}{257}$	$\Phi_{1542}\ \Phi_{771}\ \Phi_{514}$
79949	1280	535	$\frac{3}{107}$	$\frac{13}{107}$	$\frac{1}{5}$	$\frac{47}{107}$	$\Phi_{535}^3\ \Phi_{5}^2$
79950	1280	1279	$\frac{23}{1279}$	$\frac{157}{1279}$	$\frac{359}{1279}$	$\frac{561}{1279}$	$\Phi_{1279}\ \Phi_{1}^2$
79951	1280	1923	$\frac{9}{641}$	$\frac{79}{641}$	$\frac{1}{3}$	$\frac{281}{641}$	Φ_{1923}
79952	1280	567	$\frac{1}{81}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{567}^2\ \Phi_{189}^2\ \Phi_{81}^4\ \Phi_{63}^2\ \Phi_{27}^4\ \Phi_{21}\ \Phi_{9}^4\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
79953	1280	455	$\frac{1}{65}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{455}^3\ \Phi_{91}^3\ \Phi_{65}^2\ \Phi_{35}^3\ \Phi_{13}^2\ \Phi_{5}^2$
79954	1280	371	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{13}{53}$	$\frac{3}{7}$	$\Phi_{371}^3\ \Phi_{53}^6\ \Phi_{7}^4\ \Phi_{1}^8$
79955	1280	1435	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1435}\ \Phi_{205}^2$
79956	1280	1113	$\frac{4}{159}$	$\frac{1}{7}$	$\frac{31}{159}$	$\frac{3}{7}$	$\Phi_{1113}\ \Phi_{371}\ \Phi_{159}^2\ \Phi_{53}^2\ \Phi_{21}\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
79957	1280	462	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{462}^3\ \Phi_{231}^2\ \Phi_{154}^3\ \Phi_{77}^2\ \Phi_{66}^6\ \Phi_{42}^2\ \Phi_{33}^4\ \Phi_{22}^6\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{11}^4\ \Phi_{7}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
79958	1280	1113	$\frac{7}{159}$	$\frac{19}{159}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1113}\ \Phi_{371}\ \Phi_{159}^2\ \Phi_{53}^2\ \Phi_{21}\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
79959	1280	63	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{63}^{23}\ \Phi_{21}^{15}\ \Phi_{9}^{22}\ \Phi_{7}^{16}\ \Phi_{3}^{14}\ \Phi_{1}^{16}$
79960	1280	371	$\frac{3}{53}$	$\frac{5}{53}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{371}^3\ \Phi_{53}^6\ \Phi_{7}^4\ \Phi_{1}^8$
79961	1280	1309	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1309}\ \Phi_{187}^2$
79962	1280	1279	$\frac{23}{1279}$	$\frac{193}{1279}$	$\frac{314}{1279}$	$\frac{543}{1279}$	$\Phi_{1279}\ \Phi_{1}^2$
79963	1280	207	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{11}{69}$	$\frac{29}{69}$	$\Phi_{207}^7\ \Phi_{69}^5\ \Phi_{23}^4\ \Phi_{9}^6\ \Phi_{3}^4\ \Phi_{1}^4$
79964	1280	1353	$\frac{1}{33}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{1353}\ \Phi_{451}\ \Phi_{123}$
79965	1280	1279	$\frac{47}{1279}$	$\frac{154}{1279}$	$\frac{225}{1279}$	$\frac{527}{1279}$	$\Phi_{1279}\ \Phi_{1}^2$
79966	1280	1377	$\frac{1}{81}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1377}\ \Phi_{459}\ \Phi_{153}\ \Phi_{51}$
79967	1280	459	$\frac{1}{17}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{459}^3\ \Phi_{153}^3\ \Phi_{51}^3\ \Phi_{17}^2$
79968	1280	1279	$\frac{19}{1279}$	$\frac{241}{1279}$	$\frac{315}{1279}$	$\frac{519}{1279}$	$\Phi_{1279}\ \Phi_{1}^2$
79969	1280	1279	$\frac{74}{1279}$	$\frac{95}{1279}$	$\frac{241}{1279}$	$\frac{519}{1279}$	$\Phi_{1279}\ \Phi_{1}^2$
79970	1280	1449	$\frac{6}{161}$	$\frac{1}{9}$	$\frac{31}{161}$	$\frac{65}{161}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{69}\ \Phi_{63}\ \Phi_{21}$
79971	1280	1279	$\frac{34}{1279}$	$\frac{191}{1279}$	$\frac{249}{1279}$	$\frac{515}{1279}$	$\Phi_{1279}\ \Phi_{1}^2$
79972	1280	535	$\frac{2}{107}$	$\frac{21}{107}$	$\frac{1}{5}$	$\frac{43}{107}$	$\Phi_{535}^3\ \Phi_{5}^2$
79973	1280	1279	$\frac{14}{1279}$	$\frac{253}{1279}$	$\frac{383}{1279}$	$\frac{513}{1279}$	$\Phi_{1279}\ \Phi_{1}^2$
79974	1280	1923	$\frac{6}{641}$	$\frac{127}{641}$	$\frac{1}{3}$	$\frac{257}{641}$	Φ_{1923}
79975	1280	105	$\frac{1}{21}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{105}^{13}\ \Phi_{35}^{11}\ \Phi_{21}^{12}\ \Phi_{15}^{13}\ \Phi_{7}^{10}\ \Phi_{5}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
79976	1280	1279	$\frac{24}{1279}$	$\frac{251}{1279}$	$\frac{257}{1279}$	$\frac{511}{1279}$	$\Phi_{1279}\ \Phi_{1}^2$
79977	1280	1353	$\frac{1}{41}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{1353}\ \Phi_{451}\ \Phi_{123}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
79978	1280	1353	$\frac{1}{33}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{1353}\ \Phi_{451}\ \Phi_{123}$
79979	1280	1279	$\frac{39}{1279}$	$\frac{155}{1279}$	$\frac{281}{1279}$	$\frac{499}{1279}$	$\Phi_{1279}\ \Phi_{1}^{2}$
79980	1280	1279	$\frac{49}{1279}$	$\frac{123}{1279}$	$\frac{289}{1279}$	$\frac{495}{1279}$	$\Phi_{1279}\ \Phi_{1}^{2}$
79981	1280	273	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{273}^{5}\ \Phi_{91}^{5}\ \Phi_{39}^{5}\ \Phi_{21}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{4}$
79982	1280	1377	$\frac{1}{17}$	$\frac{5}{81}$	$\frac{19}{81}$	$\frac{31}{81}$	$\Phi_{1377}\ \Phi_{459}\ \Phi_{153}\ \Phi_{51}$
79983	1280	1279	$\frac{75}{1279}$	$\frac{79}{1279}$	$\frac{301}{1279}$	$\frac{489}{1279}$	$\Phi_{1279}\ \Phi_{1}^{2}$
79984	1280	1279	$\frac{59}{1279}$	$\frac{99}{1279}$	$\frac{305}{1279}$	$\frac{487}{1279}$	$\Phi_{1279}\ \Phi_{1}^{2}$
79985	1280	1419	$\frac{5}{129}$	$\frac{1}{11}$	$\frac{31}{129}$	$\frac{49}{129}$	$\Phi_{1419}\ \Phi_{473}\ \Phi_{33}$
79986	1280	1449	$\frac{5}{161}$	$\frac{1}{9}$	$\frac{39}{161}$	$\frac{61}{161}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{69}\ \Phi_{63}\ \Phi_{21}$
79987	1280	1279	$\frac{35}{1279}$	$\frac{159}{1279}$	$\frac{311}{1279}$	$\frac{484}{1279}$	$\Phi_{1279}\ \Phi_{1}^{2}$
79988	1280	1279	$\frac{27}{1279}$	$\frac{199}{1279}$	$\frac{313}{1279}$	$\frac{483}{1279}$	$\Phi_{1279}\ \Phi_{1}^{2}$
79989	1280	1542	$\frac{5}{257}$	$\frac{1}{6}$	$\frac{63}{257}$	$\frac{97}{257}$	$\Phi_{1542}\ \Phi_{771}\ \Phi_{514}$
79990	1280	1605	$\frac{5}{321}$	$\frac{1}{5}$	$\frac{79}{321}$	$\frac{121}{321}$	$\Phi_{1605}\ \Phi_{535}\ \Phi_{15}$
79991	1280	1279	$\frac{11}{1279}$	$\frac{317}{1279}$	$\frac{399}{1279}$	$\frac{481}{1279}$	$\Phi_{1279}\ \Phi_{1}^{2}$
79992	1280	1923	$\frac{5}{641}$	$\frac{159}{641}$	$\frac{1}{3}$	$\frac{241}{641}$	Φ_{1923}
79993	1280	1032	$\frac{1}{129}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1032}^{2}\ \Phi_{344}^{2}\ \Phi_{129}^{2}\ \Phi_{43}^{2}\ \Phi_{24}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
79994	1280	680	$\frac{1}{85}$	$\frac{21}{85}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{680}^{3}\ \Phi_{136}^{3}\ \Phi_{85}^{3}\ \Phi_{40}^{3}\ \Phi_{17}^{3}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
79995	1280	520	$\frac{1}{65}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}^{4}\ \Phi_{104}^{4}\ \Phi_{65}^{4}\ \Phi_{40}^{3}\ \Phi_{13}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
79996	1280	1224	$\frac{1}{51}$	$\frac{25}{153}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1224}^{2}\ \Phi_{408}\ \Phi_{153}^{2}\ \Phi_{136}\ \Phi_{72}^{2}\ \Phi_{51}\ \Phi_{24}\ \Phi_{17}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
79997	1280	2040	$\frac{7}{255}$	$\frac{31}{255}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{255}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{51}\ \Phi_{40}\ \Phi_{24}\ \Phi_{17}\ \Phi_{15}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
79998	1280	792	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}^{3}\ \Phi_{264}^{2}\ \Phi_{99}^{3}\ \Phi_{88}^{2}\ \Phi_{72}^{2}\ \Phi_{33}^{2}\ \Phi_{24}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
79999	1280	1080	$\frac{7}{135}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1080}^{2}\ \Phi_{360}^{2}\ \Phi_{216}^{2}\ \Phi_{135}^{2}\ \Phi_{120}\ \Phi_{72}^{2}\ \Phi_{45}^{2}\ \Phi_{40}\ \Phi_{27}^{2}\ \Phi_{24}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
80000	1280	136	$\frac{1}{17}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{136}^{15}\ \Phi_{17}^{15}\ \Phi_{8}^{16}\ \Phi_{1}^{16}$
80001	1280	483	$\frac{1}{161}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{483}^{3}\ \Phi_{161}^{2}\ \Phi_{69}^{3}\ \Phi_{23}^{2}\ \Phi_{21}^{3}\ \Phi_{7}^{2}$
80002	1280	957	$\frac{3}{319}$	$\frac{79}{319}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{957}\ \Phi_{319}^{2}\ \Phi_{87}\ \Phi_{33}\ \Phi_{29}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
80003	1280	405	$\frac{1}{81}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{405}^{4}\ \Phi_{135}^{4}\ \Phi_{45}^{4}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
80004	1280	957	$\frac{4}{319}$	$\frac{63}{319}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{957}\ \Phi_{319}^{2}\ \Phi_{87}\ \Phi_{33}\ \Phi_{29}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
80005	1280	390	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{390}^{4}\ \Phi_{195}^{3}\ \Phi_{130}^{4}\ \Phi_{78}^{4}\ \Phi_{65}^{2}\ \Phi_{39}^{3}\ \Phi_{30}^{4}\ \Phi_{26}^{4}\ \Phi_{15}^{3}\ \Phi_{13}^{2}\ \Phi_{10}^{4}\ \Phi_{5}^{2}$
80006	1280	957	$\frac{7}{319}$	$\frac{39}{319}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{957}\ \Phi_{319}^{2}\ \Phi_{87}\ \Phi_{33}\ \Phi_{29}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
80007	1280	369	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{369}^{4}\ \Phi_{123}^{3}\ \Phi_{41}^{2}$
80008	1280	957	$\frac{9}{319}$	$\frac{31}{319}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{957}\ \Phi_{319}^{2}\ \Phi_{87}\ \Phi_{33}\ \Phi_{29}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
80009	1280	33	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{33}^{39}\ \Phi_{11}^{38}\ \Phi_{3}^{40}\ \Phi_{1}^{40}$
80010	1280	87	$\frac{1}{29}$	$\frac{7}{87}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{87}^{15}\ \Phi_{29}^{14}\ \Phi_{3}^{16}\ \Phi_{1}^{16}$
80011	1280	957	$\frac{15}{319}$	$\frac{19}{319}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{957}\ \Phi_{319}^{2}\ \Phi_{87}\ \Phi_{33}\ \Phi_{29}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
80012	1280	357	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{357}^{4}\ \Phi_{119}^{4}\ \Phi_{51}^{3}\ \Phi_{17}^{2}$
80013	1280	2385	$\frac{2}{159}$	$\frac{1}{5}$	$\frac{157}{477}$	$\frac{1}{3}$	$\Phi_{2385}\ \Phi_{45}\ \Phi_{15}$
80014	1280	2079	$\frac{2}{63}$	$\frac{1}{11}$	$\frac{61}{189}$	$\frac{1}{3}$	$\Phi_{2079}\ \Phi_{297}\ \Phi_{33}$
80015	1280	1989	$\frac{2}{39}$	$\frac{1}{17}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{1989}\ \Phi_{153}\ \Phi_{51}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
80016	1280	1845	$\frac{1}{41}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{1845}\ \Phi_{369}\ \Phi_{123}$
80017	1280	1755	$\frac{1}{65}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1755}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}\ \Phi_{39}\ \Phi_{15}$
80018	1280	795	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{13}{53}$	$\frac{1}{3}$	$\Phi_{795}^3\ \Phi_{15}^4$
80019	1280	1923	$\frac{13}{641}$	$\frac{121}{641}$	$\frac{157}{641}$	$\frac{1}{3}$	Φ_{1923}
80020	1280	762	$\frac{3}{127}$	$\frac{1}{6}$	$\frac{31}{127}$	$\frac{1}{3}$	$\Phi_{762}^2\ \Phi_{381}\ \Phi_{254}^2\ \Phi_{127}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
80021	1280	1923	$\frac{17}{641}$	$\frac{97}{641}$	$\frac{156}{641}$	$\frac{1}{3}$	Φ_{1923}
80022	1280	711	$\frac{3}{79}$	$\frac{1}{9}$	$\frac{19}{79}$	$\frac{1}{3}$	$\Phi_{711}^2\ \Phi_{237}\ \Phi_{79}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
80023	1280	1923	$\frac{29}{641}$	$\frac{61}{641}$	$\frac{153}{641}$	$\frac{1}{3}$	Φ_{1923}
80024	1280	231	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{5}{21}$	$\frac{1}{3}$	$\Phi_{231}^6\ \Phi_{77}^6\ \Phi_{33}^7\ \Phi_{11}^6$
80025	1280	1923	$\frac{37}{641}$	$\frac{49}{641}$	$\frac{151}{641}$	$\frac{1}{3}$	Φ_{1923}
80026	1280	663	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{663}^3\ \Phi_{51}^4$
80027	1280	1923	$\frac{31}{641}$	$\frac{61}{641}$	$\frac{145}{641}$	$\frac{1}{3}$	Φ_{1923}
80028	1280	651	$\frac{1}{21}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{651}^2\ \Phi_{217}^2\ \Phi_{93}\ \Phi_{31}^2\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
80029	1280	1485	$\frac{7}{135}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}$
80030	1280	1923	$\frac{25}{641}$	$\frac{77}{641}$	$\frac{141}{641}$	$\frac{1}{3}$	Φ_{1923}
80031	1280	627	$\frac{1}{33}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{627}^2\ \Phi_{209}^2\ \Phi_{57}\ \Phi_{33}^4\ \Phi_{19}^2\ \Phi_{11}^4\ \Phi_3^2\ \Phi_1^4$
80032	1280	1923	$\frac{16}{641}$	$\frac{125}{641}$	$\frac{129}{641}$	$\frac{1}{3}$	Φ_{1923}
80033	1280	615	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{615}^3\ \Phi_{123}^4$
80034	1280	795	$\frac{4}{159}$	$\frac{31}{159}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{795}^2\ \Phi_{265}^2\ \Phi_{15}^3\ \Phi_5^2$
80035	1280	330	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{330}^6\ \Phi_{165}^4\ \Phi_{110}^6\ \Phi_{55}^4\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
80036	1280	795	$\frac{7}{159}$	$\frac{19}{159}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{795}^2\ \Phi_{265}^2\ \Phi_{15}^3\ \Phi_5^2$
80037	1280	315	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{315}^6\ \Phi_{105}^4\ \Phi_{45}^4\ \Phi_{35}^4\ \Phi_{15}^3\ \Phi_5^2$
80038	1280	795	$\frac{3}{53}$	$\frac{5}{53}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{795}^3\ \Phi_{15}^4$
80039	1280	2805	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	Φ_{2805}
80040	1280	711	$\frac{4}{79}$	$\frac{1}{9}$	$\frac{15}{79}$	$\frac{1}{3}$	$\Phi_{711}^2\ \Phi_{237}\ \Phi_{79}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
80041	1280	1923	$\frac{36}{641}$	$\frac{65}{641}$	$\frac{121}{641}$	$\frac{1}{3}$	Φ_{1923}
80042	1280	663	$\frac{1}{17}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{663}^2\ \Phi_{221}^2\ \Phi_{51}^3\ \Phi_{17}^2$
80043	1280	1923	$\frac{33}{641}$	$\frac{76}{641}$	$\frac{113}{641}$	$\frac{1}{3}$	Φ_{1923}
80044	1280	762	$\frac{7}{127}$	$\frac{15}{127}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{762}^2\ \Phi_{381}\ \Phi_{254}^2\ \Phi_{127}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
80045	1280	306	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{306}^6\ \Phi_{153}^4\ \Phi_{102}^4\ \Phi_{51}^3\ \Phi_{34}^4\ \Phi_{17}^2$
80046	1280	1155	$\frac{3}{35}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1155}^2\ \Phi_{231}\ \Phi_{165}^2\ \Phi_{33}^2$
80047	1280	1617	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{1}{3}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{33}$
80048	1280	711	$\frac{7}{79}$	$\frac{1}{9}$	$\frac{9}{79}$	$\frac{1}{3}$	$\Phi_{711}^2\ \Phi_{237}\ \Phi_{79}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
80049	1280	1923	$\frac{57}{641}$	$\frac{71}{641}$	$\frac{73}{641}$	$\frac{1}{3}$	Φ_{1923}
80050	1280	99	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{99}^{14}\ \Phi_{33}^{15}\ \Phi_{11}^{14}$
80051	1280	207	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{47}{207}$	$\frac{22}{69}$	$\Phi_{207}^6\ \Phi_{69}^7\ \Phi_{23}^6\ \Phi_9^5\ \Phi_3^6\ \Phi_1^6$
80052	1280	693	$\frac{6}{77}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{71}{231}$	$\Phi_{693}^2\ \Phi_{231}\ \Phi_{99}^2\ \Phi_{77}^2\ \Phi_{63}^3\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
80053	1280	207	$\frac{2}{23}$	$\frac{1}{9}$	$\frac{3}{23}$	$\frac{7}{23}$	$\Phi_{207}^7\ \Phi_{69}^7\ \Phi_9^6\ \Phi_3^6$
80054	1280	315	$\frac{1}{21}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{315}^6\ \Phi_{105}\ \Phi_{63}^6\ \Phi_{45}^4\ \Phi_{35}\ \Phi_{15}\ \Phi_9^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
80055	1280	315	$\frac{3}{35}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{315}^{5}\ \Phi_{105}^{5}\ \Phi_{63}^{3}\ \Phi_{45}^{5}\ \Phi_{21}^{3}\ \Phi_{15}^{5}\ \Phi_{9}^{2}\ \Phi_{3}^{2}$
80056	1280	525	$\frac{1}{21}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{525}^{3}\ \Phi_{175}^{3}\ \Phi_{105}\ \Phi_{75}^{2}\ \Phi_{35}\ \Phi_{25}^{2}\ \Phi_{15}$
80057	1280	459	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{459}^{4}\ \Phi_{153}\ \Phi_{51}$
80058	1280	473	$\frac{3}{43}$	$\frac{1}{11}$	$\frac{10}{43}$	$\frac{11}{43}$	$\Phi_{473}^{3}\ \Phi_{11}^{2}$
80059	1280	395	$\frac{3}{79}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{19}{79}$	$\Phi_{395}^{3}\ \Phi_{79}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
80060	1280	1279	$\frac{51}{1279}$	$\frac{243}{1279}$	$\frac{259}{1279}$	$\frac{307}{1279}$	$\Phi_{1279}\ \Phi_{1}^{2}$
80061	1280	1605	$\frac{13}{321}$	$\frac{61}{321}$	$\frac{1}{5}$	$\frac{77}{321}$	$\Phi_{1605}\ \Phi_{535}\ \Phi_{15}$
80062	1280	399	$\frac{1}{21}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{21}$	$\Phi_{399}^{3}\ \Phi_{133}^{3}\ \Phi_{57}^{3}\ \Phi_{21}^{6}\ \Phi_{19}^{4}\ \Phi_{7}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
80063	1280	210	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{21}$	$\Phi_{210}^{9}\ \Phi_{105}^{6}\ \Phi_{70}^{9}\ \Phi_{35}^{6}\ \Phi_{30}^{10}\ \Phi_{15}^{7}\ \Phi_{10}^{10}\ \Phi_{5}^{6}$
80064	1280	1279	$\frac{63}{1279}$	$\frac{195}{1279}$	$\frac{271}{1279}$	$\frac{304}{1279}$	$\Phi_{1279}\ \Phi_{1}^{2}$
80065	1280	1542	$\frac{13}{257}$	$\frac{1}{6}$	$\frac{49}{257}$	$\frac{61}{257}$	$\Phi_{1542}\ \Phi_{771}\ \Phi_{514}$
80066	1280	1279	$\frac{67}{1279}$	$\frac{207}{1279}$	$\frac{244}{1279}$	$\frac{303}{1279}$	$\Phi_{1279}\ \Phi_{1}^{2}$
80067	1280	1605	$\frac{17}{321}$	$\frac{49}{321}$	$\frac{1}{5}$	$\frac{76}{321}$	$\Phi_{1605}\ \Phi_{535}\ \Phi_{15}$
80068	1280	403	$\frac{1}{13}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{3}{13}$	$\Phi_{403}^{3}\ \Phi_{31}^{4}\ \Phi_{13}^{6}\ \Phi_{1}^{8}$
80069	1280	585	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{3}{13}$	$\Phi_{585}^{3}\ \Phi_{195}^{3}\ \Phi_{45}^{4}\ \Phi_{15}^{4}$
80070	1280	1279	$\frac{99}{1279}$	$\frac{123}{1279}$	$\frac{289}{1279}$	$\frac{295}{1279}$	$\Phi_{1279}\ \Phi_{1}^{2}$
80071	1280	1449	$\frac{13}{161}$	$\frac{1}{9}$	$\frac{31}{161}$	$\frac{37}{161}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{69}\ \Phi_{63}\ \Phi_{21}$
80072	1280	1279	$\frac{115}{1279}$	$\frac{129}{1279}$	$\frac{247}{1279}$	$\frac{291}{1279}$	$\Phi_{1279}\ \Phi_{1}^{2}$
80073	1280	1605	$\frac{29}{321}$	$\frac{31}{321}$	$\frac{1}{5}$	$\frac{73}{321}$	$\Phi_{1605}\ \Phi_{535}\ \Phi_{15}$
80074	1280	1705	$\frac{1}{11}$	$\frac{3}{31}$	$\frac{1}{5}$	$\frac{7}{31}$	$\Phi_{1705}\ \Phi_{55}^{2}$
80075	1280	1209	$\frac{3}{31}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{7}{31}$	$\Phi_{1209}\ \Phi_{403}\ \Phi_{93}\ \Phi_{39}^{2}\ \Phi_{31}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
80076	1280	558	$\frac{3}{31}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{7}{31}$	$\Phi_{558}^{3}\ \Phi_{279}^{2}\ \Phi_{186}^{2}\ \Phi_{93}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{18}^{6}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
80077	1280	1419	$\frac{1}{11}$	$\frac{13}{129}$	$\frac{25}{129}$	$\frac{29}{129}$	$\Phi_{1419}\ \Phi_{473}\ \Phi_{33}$
80078	1280	1279	$\frac{124}{1279}$	$\frac{131}{1279}$	$\frac{231}{1279}$	$\frac{287}{1279}$	$\Phi_{1279}\ \Phi_{1}^{2}$
80079	1280	1449	$\frac{17}{161}$	$\frac{1}{9}$	$\frac{25}{161}$	$\frac{36}{161}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{69}\ \Phi_{63}\ \Phi_{21}$
80080	1280	1279	$\frac{135}{1279}$	$\frac{143}{1279}$	$\frac{199}{1279}$	$\frac{284}{1279}$	$\Phi_{1279}\ \Phi_{1}^{2}$
80081	1280	1542	$\frac{25}{257}$	$\frac{29}{257}$	$\frac{1}{6}$	$\frac{57}{257}$	$\Phi_{1542}\ \Phi_{771}\ \Phi_{514}$
80082	1280	1279	$\frac{103}{1279}$	$\frac{147}{1279}$	$\frac{249}{1279}$	$\frac{283}{1279}$	$\Phi_{1279}\ \Phi_{1}^{2}$
80083	1280	1605	$\frac{25}{321}$	$\frac{37}{321}$	$\frac{1}{5}$	$\frac{71}{321}$	$\Phi_{1605}\ \Phi_{535}\ \Phi_{15}$
80084	1280	1615	$\frac{1}{17}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{1615}\ \Phi_{85}^{2}$
80085	1280	665	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{665}^{2}\ \Phi_{133}\ \Phi_{95}^{2}\ \Phi_{35}^{4}\ \Phi_{19}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
80086	1280	171	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{171}^{7}\ \Phi_{57}^{7}\ \Phi_{19}^{8}\ \Phi_{9}^{14}\ \Phi_{3}^{14}\ \Phi_{1}^{16}$
80087	1280	1377	$\frac{1}{17}$	$\frac{13}{81}$	$\frac{16}{81}$	$\frac{17}{81}$	$\Phi_{1377}\ \Phi_{459}\ \Phi_{153}\ \Phi_{51}$
80088	1280	1279	$\frac{127}{1279}$	$\frac{144}{1279}$	$\frac{227}{1279}$	$\frac{263}{1279}$	$\Phi_{1279}\ \Phi_{1}^{2}$
80089	1280	1449	$\frac{16}{161}$	$\frac{1}{9}$	$\frac{29}{161}$	$\frac{33}{161}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{69}\ \Phi_{63}\ \Phi_{21}$
80090	1280	1279	$\frac{64}{1279}$	$\frac{243}{1279}$	$\frac{255}{1279}$	$\frac{259}{1279}$	$\Phi_{1279}\ \Phi_{1}^{2}$
80091	1280	1605	$\frac{16}{321}$	$\frac{61}{321}$	$\frac{1}{5}$	$\frac{65}{321}$	$\Phi_{1605}\ \Phi_{535}\ \Phi_{15}$
80092	1280	105	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{105}^{13}\ \Phi_{35}^{13}\ \Phi_{21}^{12}\ \Phi_{15}^{13}\ \Phi_{7}^{12}\ \Phi_{3}^{12}$
80093	1280	395	$\frac{4}{79}$	$\frac{15}{79}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{395}^{3}\ \Phi_{79}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
80094	1280	510	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{510}^{3}\ \Phi_{255}^{3}\ \Phi_{170}^{3}\ \Phi_{102}^{4}\ \Phi_{51}^{4}\ \Phi_{34}^{4}$
80095	1280	395	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{395}^{3}\ \Phi_{79}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
80096	1280	495	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{495}^{3}\ \Phi_{165}^{3}\ \Phi_{99}^{4}\ \Phi_{33}^{4}$
80097	1280	585	$\frac{4}{39}$	$\frac{1}{9}$	$\frac{7}{39}$	$\frac{1}{5}$	$\Phi_{585}^{3}\ \Phi_{195}^{2}\ \Phi_{65}^{2}\ \Phi_{45}^{4}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
80098	1280	535	$\frac{11}{107}$	$\frac{12}{107}$	$\frac{19}{107}$	$\frac{1}{5}$	$\Phi_{535}^{3}\ \Phi_{5}^{2}$
80099	1280	210	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{210}^{7}\ \Phi_{105}^{7}\ \Phi_{70}^{7}\ \Phi_{42}^{8}\ \Phi_{30}^{8}\ \Phi_{21}^{8}\ \Phi_{15}^{8}\ \Phi_{14}^{8}\ \Phi_{10}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}$
80100	1280	90	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{90}^{21}\ \Phi_{45}^{14}\ \Phi_{30}^{22}\ \Phi_{15}^{15}\ \Phi_{10}^{22}\ \Phi_{5}^{14}$
80101	1281	2048	$\frac{1}{256}$	$\frac{257}{1024}$	$\frac{767}{2048}$	$\frac{255}{512}$	$\Phi_{2048}\ \Phi_{512}\ \Phi_{1}$
80102	1281	1092	$\frac{1}{182}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{181}{364}$	$\Phi_{546}^{2}\ \Phi_{364}\ \Phi_{273}^{2}\ \Phi_{182}^{2}\ \Phi_{91}^{2}\ \Phi_{78}^{2}\ \Phi_{52}\ \Phi_{42}^{2}\ \Phi_{39}^{2}\ \Phi_{28}\ \Phi_{26}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{13}^{2}\ \Phi_{12}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
80103	1281	3276	$\frac{1}{182}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{181}{364}$	$\Phi_{3276}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}\ \Phi_{52}\ \Phi_{36}\ \Phi_{28}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
80104	1281	1712	$\frac{3}{428}$	$\frac{1}{4}$	$\frac{431}{1712}$	$\frac{425}{856}$	$\Phi_{1712}\ \Phi_{428}\ \Phi_{214}\ \Phi_{107}\ \Phi_{16}\ \Phi_{1}$
80105	1281	848	$\frac{3}{424}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{421}{848}$	$\Phi_{848}^{3}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
80106	1281	120	$\frac{1}{60}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{59}{120}$	$\Phi_{120}\ \Phi_{60}^{20}\ \Phi_{40}^{2}\ \Phi_{30}^{20}\ \Phi_{24}\ \Phi_{20}^{20}\ \Phi_{15}^{20}\ \Phi_{12}^{20}\ \Phi_{10}^{20}\ \Phi_{8}^{2}\ \Phi_{6}^{20}\ \Phi_{5}^{20}\ \Phi_{4}^{20}\ \Phi_{3}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
80107	1281	120	$\frac{1}{60}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{59}{120}$	$\Phi_{120}^{21}\ \Phi_{40}^{21}\ \Phi_{24}^{21}\ \Phi_{10}^{2}\ \Phi_{8}^{21}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
80108	1281	120	$\frac{1}{60}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{59}{120}$	$\Phi_{120}^{9}\ \Phi_{60}^{12}\ \Phi_{40}^{9}\ \Phi_{30}^{12}\ \Phi_{24}^{9}\ \Phi_{20}^{12}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_{10}^{12}\ \Phi_{8}^{12}\ \Phi_{6}^{12}\ \Phi_{5}^{12}\ \Phi_{4}^{14}\ \Phi_{3}^{12}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
80109	1281	600	$\frac{1}{60}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{59}{120}$	$\Phi_{600}^{5}\ \Phi_{200}^{5}\ \Phi_{120}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
80110	1281	1720	$\frac{9}{430}$	$\frac{1}{10}$	$\frac{439}{1720}$	$\frac{421}{860}$	$\Phi_{1720}\ \Phi_{430}\ \Phi_{344}\ \Phi_{215}\ \Phi_{86}\ \Phi_{43}\ \Phi_{40}\ \Phi_{8}\ \Phi_{1}$
80111	1281	832	$\frac{11}{416}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{405}{832}$	$\Phi_{832}^{3}\ \Phi_{64}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
80112	1281	576	$\frac{5}{144}$	$\frac{1}{16}$	$\frac{149}{576}$	$\frac{139}{288}$	$\Phi_{576}^{3}\ \Phi_{192}^{3}\ \Phi_{144}^{3}\ \Phi_{72}^{3}\ \Phi_{64}^{3}\ \Phi_{48}^{3}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{16}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
80113	1281	1472	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{191}{1472}$	$\frac{177}{368}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{184}\ \Phi_{92}\ \Phi_{64}\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_{1}$
80114	1281	352	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{169}{352}$	$\Phi_{352}^{7}\ \Phi_{32}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
80115	1281	2520	$\frac{2}{63}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{40}\ \Phi_{21}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
80116	1281	360	$\frac{1}{30}$	$\frac{1}{20}$	$\frac{29}{90}$	$\frac{19}{40}$	$\Phi_{360}^{10}\ \Phi_{90}\ \Phi_{72}^{10}\ \Phi_{45}\ \Phi_{40}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
80117	1281	320	$\frac{3}{64}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{320}^{4}\ \Phi_{160}^{4}\ \Phi_{80}^{4}\ \Phi_{64}^{5}\ \Phi_{40}\ \Phi_{32}^{5}\ \Phi_{20}^{4}\ \Phi_{16}^{5}\ \Phi_{10}^{4}\ \Phi_{8}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
80118	1281	80	$\frac{1}{20}$	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{19}{40}$	$\Phi_{80}^{21}\ \Phi_{40}^{2}\ \Phi_{20}^{20}\ \Phi_{16}^{21}\ \Phi_{10}^{20}\ \Phi_{8}^{2}\ \Phi_{5}^{20}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
80119	1281	520	$\frac{1}{20}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{520}^{5}\ \Phi_{104}^{5}\ \Phi_{65}\ \Phi_{40}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
80120	1281	600	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{19}{40}$	$\Phi_{600}^{5}\ \Phi_{200}^{5}\ \Phi_{75}\ \Phi_{40}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
80121	1281	1320	$\frac{1}{20}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{1320}^{2}\ \Phi_{440}^{2}\ \Phi_{264}^{2}\ \Phi_{88}^{2}\ \Phi_{66}\ \Phi_{40}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
80122	1281	360	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{19}{40}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{90}^{4}\ \Phi_{72}^{5}\ \Phi_{60}^{4}\ \Phi_{45}^{4}\ \Phi_{40}\ \Phi_{36}^{5}\ \Phi_{30}^{4}\ \Phi_{24}\ \Phi_{20}^{4}\ \Phi_{18}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{5}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
80123	1281	280	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{19}{40}$	$\Phi_{280}^{10}\ \Phi_{70}\ \Phi_{56}^{10}\ \Phi_{40}\ \Phi_{35}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
80124	1281	800	$\frac{1}{40}$	$\frac{27}{400}$	$\frac{13}{40}$	$\frac{373}{800}$	$\Phi_{800}^{3}\ \Phi_{160}^{3}\ \Phi_{40}^{2}\ \Phi_{32}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
80125	1281	800	$\frac{1}{20}$	$\frac{27}{400}$	$\frac{19}{100}$	$\frac{373}{800}$	$\Phi_{800}^{3}\ \Phi_{160}^{3}\ \Phi_{100}\ \Phi_{50}\ \Phi_{32}^{3}\ \Phi_{25}\ \Phi_{1}$
80126	1281	520	$\frac{1}{20}$	$\frac{19}{260}$	$\frac{93}{520}$	$\frac{241}{520}$	$\Phi_{520}^{2}\ \Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{104}^{2}\ \Phi_{65}^{3}\ \Phi_{52}^{3}\ \Phi_{40}^{2}\ \Phi_{26}^{3}\ \Phi_{20}^{2}\ \Phi_{13}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
80127	1281	1760	$\frac{1}{40}$	$\frac{39}{440}$	$\frac{479}{1760}$	$\frac{401}{880}$	$\Phi_{1760}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
80128	1281	480	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{53}{480}$	$\frac{43}{96}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{3}\ \Phi_{120}^{3}\ \Phi_{80}^{3}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{40}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
80129	1281	768	$\frac{1}{64}$	$\frac{43}{384}$	$\frac{21}{64}$	$\frac{341}{768}$	$\Phi_{768}^3\ \Phi_{256}^3\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
80130	1281	768	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{43}{384}$	$\frac{341}{768}$	$\Phi_{768}^3\ \Phi_{256}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
80131	1281	64	$\frac{3}{64}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{64}^{21}\ \Phi_{32}^{21}\ \Phi_{16}^{14}\ \Phi_8^{20}\ \Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^{21}$
80132	1281	1288	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{22}{161}$	$\frac{139}{322}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{184}^2\ \Phi_{161}\ \Phi_{92}^2\ \Phi_{56}\ \Phi_{46}\ \Phi_{28}\ \Phi_{23}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
80133	1281	256	$\frac{1}{64}$	$\frac{9}{64}$	$\frac{73}{256}$	$\frac{55}{128}$	$\Phi_{256}^7\ \Phi_{64}^6\ \Phi_{32}^6\ \Phi_{16}^6\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
80134	1281	320	$\frac{3}{80}$	$\frac{11}{80}$	$\frac{23}{160}$	$\frac{137}{320}$	$\Phi_{320}^7\ \Phi_{80}^2\ \Phi_{64}^7\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
80135	1281	736	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{59}{368}$	$\frac{309}{736}$	$\Phi_{736}^3\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}\ \Phi_{32}^3\ \Phi_{23}\ \Phi_1$
80136	1281	1092	$\frac{1}{91}$	$\frac{1}{6}$	$\frac{30}{91}$	$\frac{5}{12}$	$\Phi_{1092}^2\ \Phi_{364}^2\ \Phi_{156}^2\ \Phi_{91}^2\ \Phi_{84}^2\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
80137	1281	372	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{372}^2\ \Phi_{186}^4\ \Phi_{124}^4\ \Phi_{93}^4\ \Phi_{62}^5\ \Phi_{31}^5\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
80138	1281	252	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{252}^9\ \Phi_{84}^8\ \Phi_{63}^3\ \Phi_{36}^9\ \Phi_{28}^8\ \Phi_{21}^3\ \Phi_{12}^9\ \Phi_9^3\ \Phi_7^2\ \Phi_4^9\ \Phi_3^3\ \Phi_1^3$
80139	1281	624	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^3\ \Phi_{104}^3\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{48}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
80140	1281	780	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{780}^3\ \Phi_{260}^3\ \Phi_{156}^2\ \Phi_{65}^3\ \Phi_{60}^3\ \Phi_{52}^2\ \Phi_{20}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_5^3\ \Phi_4^3\ \Phi_1^3$
80141	1281	588	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^3\ \Phi_{147}^2\ \Phi_{98}^3\ \Phi_{49}^3\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
80142	1281	200	$\frac{1}{20}$	$\frac{17}{200}$	$\frac{19}{100}$	$\frac{81}{200}$	$\Phi_{200}^6\ \Phi_{100}^7\ \Phi_{50}^7\ \Phi_{40}^6\ \Phi_{25}^7\ \Phi_{20}^6\ \Phi_{10}^6\ \Phi_8^6\ \Phi_5^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
80143	1281	2080	$\frac{1}{20}$	$\frac{19}{260}$	$\frac{241}{1040}$	$\frac{799}{2080}$	$\Phi_{2080}\ \Phi_{416}\ \Phi_{260}\ \Phi_{160}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
80144	1281	432	$\frac{5}{432}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
80145	1281	440	$\frac{13}{440}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{88}^3\ \Phi_{55}^3\ \Phi_{44}^3\ \Phi_{40}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
80146	1281	64	$\frac{3}{64}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{64}^{21}\ \Phi_{32}^{18}\ \Phi_{16}^{20}\ \Phi_8^{20}\ \Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^{21}$
80147	1281	480	$\frac{1}{40}$	$\frac{53}{480}$	$\frac{13}{40}$	$\frac{27}{80}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
80148	1281	184	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{15}{46}$	$\frac{31}{92}$	$\Phi_{184}^8\ \Phi_{92}^5\ \Phi_{46}^7\ \Phi_{23}^7\ \Phi_8^7\ \Phi_4^4\ \Phi_2^6\ \Phi_1^7$
80149	1281	512	$\frac{1}{64}$	$\frac{85}{512}$	$\frac{21}{64}$	$\frac{43}{128}$	$\Phi_{512}^3\ \Phi_{256}^3\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
80150	1281	1284	$\frac{1}{107}$	$\frac{1}{4}$	$\frac{106}{321}$	$\frac{215}{642}$	$\Phi_{1284}\ \Phi_{428}^2\ \Phi_{321}\ \Phi_{214}\ \Phi_{107}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
80151	1281	640	$\frac{1}{160}$	$\frac{53}{160}$	$\frac{213}{640}$	$\frac{107}{320}$	$\Phi_{640}^3\ \Phi_{160}^2\ \Phi_{128}^3\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
80152	1281	819	$\frac{1}{91}$	$\frac{2}{9}$	$\frac{30}{91}$	$\frac{1}{3}$	$\Phi_{819}^2\ \Phi_{117}^2\ \Phi_{91}^2\ \Phi_{63}^2\ \Phi_{13}^2\ \Phi_9^3\ \Phi_7^2\ \Phi_1^3$
80153	1281	630	$\frac{2}{63}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^3\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^3\ \Phi_7^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
80154	1281	1116	$\frac{1}{62}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1116}^2\ \Phi_{558}\ \Phi_{279}\ \Phi_{124}^2\ \Phi_{62}\ \Phi_{36}\ \Phi_{31}\ \Phi_9\ \Phi_4\ \Phi_1$
80155	1281	504	$\frac{2}{63}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{504}^3\ \Phi_{252}^2\ \Phi_{168}^3\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
80156	1281	63	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{63}^{20}\ \Phi_{21}^{21}\ \Phi_9^{21}\ \Phi_7^{20}\ \Phi_3^{21}\ \Phi_1^{21}$
80157	1281	1872	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{208}\ \Phi_{144}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{36}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
80158	1281	585	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{585}^3\ \Phi_{117}^2\ \Phi_{65}^3\ \Phi_{45}^3\ \Phi_{13}^2\ \Phi_9^3\ \Phi_5^3\ \Phi_1^3$
80159	1281	1764	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{441}\ \Phi_{252}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{36}\ \Phi_{28}\ \Phi_9\ \Phi_4\ \Phi_1$
80160	1281	1575	$\frac{2}{63}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{225}\ \Phi_{175}\ \Phi_{63}\ \Phi_{25}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$
80161	1281	636	$\frac{3}{212}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{209}{636}$	$\Phi_{636}^3\ \Phi_{318}^3\ \Phi_{159}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
80162	1281	576	$\frac{1}{64}$	$\frac{43}{192}$	$\frac{149}{576}$	$\frac{21}{64}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{144}^3\ \Phi_{72}^3\ \Phi_{64}^2\ \Phi_{36}^3\ \Phi_{32}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_9^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
80163	1281	600	$\frac{1}{40}$	$\frac{27}{200}$	$\frac{173}{600}$	$\frac{13}{40}$	$\Phi_{600}^{3}\,\Phi_{300}^{3}\,\Phi_{150}^{3}\,\Phi_{120}^{3}\,\Phi_{75}^{3}\,\Phi_{60}^{3}\,\Phi_{40}^{2}\,\Phi_{30}^{3}\,\Phi_{24}^{3}\,\Phi_{20}^{2}\,\Phi_{15}^{3}\,\Phi_{12}^{3}\,\Phi_{10}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{3}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
80164	1281	90	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{29}{90}$	$\Phi_{90}^{21}\,\Phi_{45}^{21}\,\Phi_{18}^{21}\,\Phi_{10}^{2}\,\Phi_{9}^{21}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
80165	1281	360	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{29}{90}$	$\Phi_{360}^{6}\,\Phi_{180}^{4}\,\Phi_{90}^{5}\,\Phi_{72}^{6}\,\Phi_{45}^{5}\,\Phi_{36}^{4}\,\Phi_{18}^{5}\,\Phi_{9}^{5}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
80166	1281	450	$\frac{1}{30}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{29}{90}$	$\Phi_{450}^{5}\,\Phi_{225}^{5}\,\Phi_{90}\,\Phi_{45}\,\Phi_{25}\,\Phi_{18}\,\Phi_{9}\,\Phi_{1}$
80167	1281	552	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{125}{552}$	$\frac{59}{184}$	$\Phi_{552}^{3}\,\Phi_{276}^{3}\,\Phi_{184}\,\Phi_{138}^{3}\,\Phi_{92}\,\Phi_{69}^{3}\,\Phi_{46}\,\Phi_{24}^{3}\,\Phi_{23}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{3}^{3}\,\Phi_{1}$
80168	1281	624	$\frac{11}{208}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{197}{624}$	$\Phi_{624}^{3}\,\Phi_{312}^{3}\,\Phi_{156}^{3}\,\Phi_{78}^{3}\,\Phi_{48}^{3}\,\Phi_{39}^{3}\,\Phi_{24}^{3}\,\Phi_{16}^{2}\,\Phi_{12}^{3}\,\Phi_{8}^{2}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
80169	1281	88	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{27}{88}$	$\Phi_{88}^{14}\,\Phi_{44}^{14}\,\Phi_{22}^{14}\,\Phi_{11}^{14}\,\Phi_{8}^{20}\,\Phi_{4}^{20}\,\Phi_{2}^{20}\,\Phi_{1}^{21}$
80170	1281	320	$\frac{3}{64}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{320}^{4}\,\Phi_{160}^{4}\,\Phi_{80}^{4}\,\Phi_{64}^{5}\,\Phi_{40}^{4}\,\Phi_{32}^{5}\,\Phi_{16}^{5}\,\Phi_{10}^{2}\,\Phi_{8}^{5}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
80171	1281	80	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{19}{80}$	$\frac{3}{10}$	$\Phi_{80}^{21}\,\Phi_{40}^{21}\,\Phi_{16}^{21}\,\Phi_{10}^{2}\,\Phi_{8}^{21}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
80172	1281	450	$\frac{23}{450}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{450}^{3}\,\Phi_{225}^{3}\,\Phi_{150}^{3}\,\Phi_{90}^{3}\,\Phi_{75}^{3}\,\Phi_{50}^{3}\,\Phi_{45}^{3}\,\Phi_{25}^{3}\,\Phi_{18}^{3}\,\Phi_{10}^{2}\,\Phi_{9}^{3}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
80173	1281	130	$\frac{4}{65}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{130}^{10}\,\Phi_{65}^{11}\,\Phi_{26}^{10}\,\Phi_{13}^{11}\,\Phi_{10}^{2}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
80174	1281	150	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{14}{75}$	$\frac{3}{10}$	$\Phi_{150}^{10}\,\Phi_{75}^{11}\,\Phi_{50}^{10}\,\Phi_{25}^{11}\,\Phi_{10}^{2}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
80175	1281	330	$\frac{5}{66}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{330}^{4}\,\Phi_{165}^{4}\,\Phi_{110}^{4}\,\Phi_{66}^{5}\,\Phi_{55}^{4}\,\Phi_{33}^{5}\,\Phi_{22}^{5}\,\Phi_{11}^{5}\,\Phi_{10}^{2}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
80176	1281	360	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{72}$	$\frac{3}{10}$	$\Phi_{360}^{4}\,\Phi_{180}^{4}\,\Phi_{120}^{4}\,\Phi_{90}^{4}\,\Phi_{72}^{5}\,\Phi_{45}^{4}\,\Phi_{40}^{4}\,\Phi_{36}^{5}\,\Phi_{24}^{5}\,\Phi_{18}^{5}\,\Phi_{10}^{2}\,\Phi_{9}^{5}\,\Phi_{8}^{5}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
80177	1281	70	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{3}{10}$	$\Phi_{70}^{21}\,\Phi_{35}^{21}\,\Phi_{14}^{21}\,\Phi_{10}^{2}\,\Phi_{7}^{21}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
80178	1281	480	$\frac{1}{10}$	$\frac{53}{480}$	$\frac{7}{60}$	$\frac{3}{10}$	$\Phi_{480}^{3}\,\Phi_{240}^{3}\,\Phi_{160}^{3}\,\Phi_{120}^{3}\,\Phi_{96}^{3}\,\Phi_{80}^{3}\,\Phi_{48}^{3}\,\Phi_{40}^{3}\,\Phi_{32}^{3}\,\Phi_{24}^{3}\,\Phi_{16}^{3}\,\Phi_{10}^{2}\,\Phi_{8}^{3}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
80179	1281	64	$\frac{3}{64}$	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{64}^{20}\,\Phi_{32}^{20}\,\Phi_{16}^{20}\,\Phi_{8}^{20}\,\Phi_{4}^{20}\,\Phi_{2}^{20}\,\Phi_{1}^{21}$
80180	1281	600	$\frac{1}{20}$	$\frac{27}{200}$	$\frac{19}{100}$	$\frac{173}{600}$	$\Phi_{600}^{3}\,\Phi_{300}^{3}\,\Phi_{150}^{3}\,\Phi_{120}^{3}\,\Phi_{100}\,\Phi_{75}^{3}\,\Phi_{60}^{3}\,\Phi_{50}\,\Phi_{30}^{3}\,\Phi_{25}\,\Phi_{24}^{3}\,\Phi_{15}^{3}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{3}^{3}\,\Phi_{1}$
80181	1281	80	$\frac{3}{80}$	$\frac{11}{80}$	$\frac{19}{80}$	$\frac{23}{80}$	$\Phi_{80}^{16}\,\Phi_{40}^{16}\,\Phi_{20}^{16}\,\Phi_{16}^{16}\,\Phi_{10}^{16}\,\Phi_{8}^{16}\,\Phi_{5}^{16}\,\Phi_{4}^{16}\,\Phi_{2}^{16}\,\Phi_{1}^{17}$
80182	1281	500	$\frac{1}{20}$	$\frac{73}{500}$	$\frac{19}{100}$	$\frac{27}{100}$	$\Phi_{500}^{3}\,\Phi_{250}^{3}\,\Phi_{125}^{3}\,\Phi_{100}\,\Phi_{50}\,\Phi_{25}\,\Phi_{1}$
80183	1281	576	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{43}{192}$	$\frac{149}{576}$	$\Phi_{576}^{3}\,\Phi_{288}^{3}\,\Phi_{144}^{3}\,\Phi_{72}^{3}\,\Phi_{48}^{3}\,\Phi_{36}^{3}\,\Phi_{24}^{3}\,\Phi_{18}^{3}\,\Phi_{16}^{2}\,\Phi_{12}^{3}\,\Phi_{9}^{3}\,\Phi_{8}^{2}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
80184	1281	64	$\frac{3}{64}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{64}^{21}\,\Phi_{32}^{21}\,\Phi_{16}^{21}\,\Phi_{8}^{12}\,\Phi_{4}^{14}\,\Phi_{2}^{14}\,\Phi_{1}^{15}$
80185	1281	80	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{19}{80}$	$\frac{1}{4}$	$\Phi_{80}^{21}\,\Phi_{40}^{9}\,\Phi_{20}^{12}\,\Phi_{16}^{21}\,\Phi_{10}^{12}\,\Phi_{8}^{12}\,\Phi_{5}^{12}\,\Phi_{4}^{14}\,\Phi_{2}^{14}\,\Phi_{1}^{15}$
80186	1281	320	$\frac{3}{64}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{320}^{4}\,\Phi_{160}^{4}\,\Phi_{80}^{3}\,\Phi_{64}^{5}\,\Phi_{40}^{3}\,\Phi_{32}^{5}\,\Phi_{20}^{4}\,\Phi_{16}^{4}\,\Phi_{10}^{4}\,\Phi_{8}^{4}\,\Phi_{5}^{4}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
80187	1281	1600	$\frac{3}{64}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1600}\,\Phi_{800}\,\Phi_{400}\,\Phi_{200}\,\Phi_{64}\,\Phi_{32}\,\Phi_{25}\,\Phi_{16}\,\Phi_{8}\,\Phi_{1}$
80188	1281	520	$\frac{4}{65}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{520}^{3}\,\Phi_{260}^{2}\,\Phi_{130}^{2}\,\Phi_{104}^{3}\,\Phi_{65}^{3}\,\Phi_{52}^{2}\,\Phi_{26}^{2}\,\Phi_{13}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
80189	1281	600	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{14}{75}$	$\frac{1}{4}$	$\Phi_{600}^{3}\,\Phi_{300}^{2}\,\Phi_{200}^{3}\,\Phi_{150}^{2}\,\Phi_{100}^{2}\,\Phi_{75}^{3}\,\Phi_{50}^{2}\,\Phi_{25}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
80190	1281	264	$\frac{5}{66}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{264}^{6}\,\Phi_{132}^{4}\,\Phi_{88}^{6}\,\Phi_{66}^{5}\,\Phi_{44}^{4}\,\Phi_{33}^{5}\,\Phi_{22}^{5}\,\Phi_{11}^{5}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
80191	1281	72	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{72}$	$\frac{1}{4}$	$\Phi_{72}^{21}\,\Phi_{36}^{21}\,\Phi_{24}^{9}\,\Phi_{18}^{21}\,\Phi_{12}^{12}\,\Phi_{9}^{21}\,\Phi_{8}^{12}\,\Phi_{6}^{12}\,\Phi_{4}^{14}\,\Phi_{3}^{12}\,\Phi_{2}^{14}\,\Phi_{1}^{15}$
80192	1281	200	$\frac{17}{200}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{200}^{7}\,\Phi_{100}^{7}\,\Phi_{50}^{7}\,\Phi_{40}^{3}\,\Phi_{25}^{7}\,\Phi_{20}^{4}\,\Phi_{10}^{4}\,\Phi_{8}^{6}\,\Phi_{5}^{4}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
80193	1281	280	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{70}$	$\frac{1}{4}$	$\Phi_{280}^{6}\,\Phi_{140}^{4}\,\Phi_{70}^{5}\,\Phi_{56}^{6}\,\Phi_{35}^{5}\,\Phi_{28}^{4}\,\Phi_{14}^{5}\,\Phi_{8}^{3}\,\Phi_{7}^{5}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
80194	1281	400	$\frac{1}{20}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{19}{80}$	$\Phi_{400}^{5}\,\Phi_{200}^{5}\,\Phi_{80}\,\Phi_{40}\,\Phi_{25}\,\Phi_{16}\,\Phi_{8}\,\Phi_{1}$
80195	1281	1600	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{319}{1600}$	$\frac{81}{400}$	$\Phi_{1600}\,\Phi_{800}\,\Phi_{320}\,\Phi_{160}\,\Phi_{100}\,\Phi_{64}\,\Phi_{50}\,\Phi_{32}\,\Phi_{25}\,\Phi_{1}$
80196	1281	325	$\frac{4}{65}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{325}^{5}\,\Phi_{65}\,\Phi_{25}\,\Phi_{13}\,\Phi_{1}$
80197	1281	75	$\frac{1}{15}$	$\frac{4}{25}$	$\frac{14}{75}$	$\frac{1}{5}$	$\Phi_{75}^{16}\,\Phi_{25}^{17}\,\Phi_{15}^{20}\,\Phi_{5}^{20}\,\Phi_{3}^{20}\,\Phi_{1}^{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
80198	1281	1650	$\frac{5}{66}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{275}\ \Phi_{66}\ \Phi_{33}\ \Phi_{25}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
80199	1281	1800	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{225}\ \Phi_{200}\ \Phi_{72}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
80200	1281	350	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{350}^5\ \Phi_{175}^5\ \Phi_{70}\ \Phi_{35}\ \Phi_{25}\ \Phi_{14}\ \Phi_7\ \Phi_1$
80201	1282	1278	$\frac{2}{639}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{637}{1278}$	$\Phi_{1278}^2\ \Phi_{426}^2\ \Phi_{142}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
80202	1282	2568	$\frac{1}{214}$	$\frac{215}{856}$	$\frac{1}{3}$	$\frac{213}{428}$	$\Phi_{2568}\ \Phi_{642}\ \Phi_{321}\ \Phi_{24}\ \Phi_6$
80203	1282	1098	$\frac{1}{183}$	$\frac{92}{549}$	$\frac{457}{1098}$	$\frac{91}{183}$	$\Phi_{1098}^2\ \Phi_{366}^2\ \Phi_{183}\ \Phi_{122}^2\ \Phi_{61}\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
80204	1282	1274	$\frac{4}{637}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{633}{1274}$	$\Phi_{1274}^2\ \Phi_{182}^2\ \Phi_{98}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
80205	1282	1272	$\frac{5}{636}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{631}{1272}$	$\Phi_{1272}^2\ \Phi_{424}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
80206	1282	1220	$\frac{1}{61}$	$\frac{31}{610}$	$\frac{579}{1220}$	$\frac{30}{61}$	$\Phi_{1220}^2\ \Phi_{244}^2\ \Phi_{61}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
80207	1282	915	$\frac{1}{61}$	$\frac{31}{305}$	$\frac{274}{915}$	$\frac{30}{61}$	$\Phi_{915}^2\ \Phi_{183}^2\ \Phi_{61}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
80208	1282	732	$\frac{1}{61}$	$\frac{91}{732}$	$\frac{31}{122}$	$\frac{30}{61}$	$\Phi_{732}^2\ \Phi_{366}^2\ \Phi_{244}^2\ \Phi_{183}^2\ \Phi_{61}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
80209	1282	1260	$\frac{11}{630}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{619}{1260}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
80210	1282	1260	$\frac{11}{630}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{619}{1260}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
80211	1282	1232	$\frac{25}{616}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{591}{1232}$	$\Phi_{1232}^2\ \Phi_{176}^2\ \Phi_{112}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
80212	1282	945	$\frac{11}{315}$	$\frac{1}{21}$	$\frac{304}{945}$	$\frac{10}{21}$	$\Phi_{945}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
80213	1282	672	$\frac{31}{672}$	$\frac{1}{21}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
80214	1282	840	$\frac{1}{21}$	$\frac{11}{210}$	$\frac{199}{840}$	$\frac{10}{21}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
80215	1282	693	$\frac{1}{21}$	$\frac{52}{693}$	$\frac{11}{63}$	$\frac{10}{21}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}^2\ \Phi_{77}^2\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{11}^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
80216	1282	756	$\frac{1}{21}$	$\frac{11}{126}$	$\frac{115}{756}$	$\frac{10}{21}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
80217	1282	735	$\frac{1}{21}$	$\frac{11}{105}$	$\frac{94}{735}$	$\frac{10}{21}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}^2\ \Phi_{49}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
80218	1282	672	$\frac{31}{672}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
80219	1282	1127	$\frac{6}{161}$	$\frac{155}{1127}$	$\frac{1}{7}$	$\frac{486}{1127}$	$\Phi_{1127}\ \Phi_{161}^2\ \Phi_{49}\ \Phi_{23}^2\ \Phi_7\ \Phi_1^2$
80220	1282	728	$\frac{4}{91}$	$\frac{87}{728}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{728}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{104}^2\ \Phi_{56}^2\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
80221	1282	686	$\frac{45}{686}$	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{686}^2\ \Phi_{343}^2\ \Phi_{98}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
80222	1282	648	$\frac{7}{648}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
80223	1282	3210	$\frac{1}{107}$	$\frac{106}{535}$	$\frac{1}{3}$	$\frac{429}{1070}$	$\Phi_{3210}\ \Phi_{642}\ \Phi_{321}\ \Phi_{30}\ \Phi_6$
80224	1282	966	$\frac{3}{161}$	$\frac{1}{7}$	$\frac{158}{483}$	$\frac{325}{966}$	$\Phi_{966}^2\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{138}^2\ \Phi_{46}^2\ \Phi_{42}^2\ \Phi_{23}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
80225	1282	963	$\frac{2}{321}$	$\frac{319}{963}$	$\frac{1}{3}$	$\frac{322}{963}$	$\Phi_{963}\ \Phi_{321}^2\ \Phi_{107}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
80226	1282	852	$\frac{2}{213}$	$\frac{211}{852}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{852}^2\ \Phi_{426}^2\ \Phi_{284}^2\ \Phi_{142}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
80227	1282	648	$\frac{7}{648}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
80228	1282	954	$\frac{5}{318}$	$\frac{1}{6}$	$\frac{313}{954}$	$\frac{1}{3}$	$\Phi_{954}^2\ \Phi_{477}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
80229	1282	924	$\frac{25}{308}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{283}{924}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{231}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
80230	1282	672	$\frac{31}{672}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
80231	1282	840	$\frac{11}{210}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{199}{840}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
80232	1282	700	$\frac{59}{700}$	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{3}{14}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{28}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
80233	1282	756	$\frac{11}{126}$	$\frac{1}{7}$	$\frac{115}{756}$	$\frac{3}{14}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
80234	1284	1920	$\frac{1}{320}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{319}{640}$	$\Phi_{1920}\ \Phi_{640}^2\ \Phi_{384}\ \Phi_{128}^2\ \Phi_3\ \Phi_1^2$
80235	1284	1065	$\frac{1}{213}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{106}{213}$	$\Phi_{1065}\ \Phi_{355}\ \Phi_{213}^2\ \Phi_{71}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
80236	1284	852	$\frac{1}{213}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{106}{213}$	$\Phi_{852}^2\ \Phi_{426}^2\ \Phi_{284}^2\ \Phi_{142}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
80237	1284	1283	$\frac{7}{1283}$	$\frac{215}{1283}$	$\frac{534}{1283}$	$\frac{638}{1283}$	$\Phi_{1283}\ \Phi_1^2$
80238	1284	572	$\frac{1}{143}$	$\frac{1}{4}$	$\frac{36}{143}$	$\frac{71}{143}$	$\Phi_{572}^3\ \Phi_{286}^3\ \Phi_{52}^3\ \Phi_{44}^3\ \Phi_{26}^3\ \Phi_{22}^3\ \Phi_4^2\ \Phi_2^2$
80239	1284	1283	$\frac{9}{1283}$	$\frac{320}{1283}$	$\frac{323}{1283}$	$\frac{637}{1283}$	$\Phi_{1283}\ \Phi_1^2$
80240	1284	1929	$\frac{5}{643}$	$\frac{108}{643}$	$\frac{1}{3}$	$\frac{319}{643}$	Φ_{1929}
80241	1284	2332	$\frac{1}{106}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{105}{212}$	$\Phi_{2332}\ \Phi_{212}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
80242	1284	4452	$\frac{1}{106}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{105}{212}$	$\Phi_{4452}\ \Phi_{84}\ \Phi_{21}$
80243	1284	2332	$\frac{1}{106}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{105}{212}$	$\Phi_{2332}\ \Phi_{212}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
80244	1284	1060	$\frac{1}{106}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{105}{212}$	$\Phi_{1060}\ \Phi_{530}^2\ \Phi_{265}^2\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
80245	1284	2730	$\frac{2}{105}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{103}{210}$	$\Phi_{2730}\ \Phi_{910}\ \Phi_{546}\ \Phi_{390}\ \Phi_{182}\ \Phi_{130}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
80246	1284	210	$\frac{2}{105}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{103}{210}$	$\Phi_{210}^{12}\ \Phi_{70}^{12}\ \Phi_{42}^{12}\ \Phi_{35}\ \Phi_{30}^{12}\ \Phi_{14}^{12}\ \Phi_{10}^{12}\ \Phi_6^{12}\ \Phi_2^{12}$
80247	1284	1840	$\frac{1}{46}$	$\frac{47}{368}$	$\frac{1}{5}$	$\frac{45}{92}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{230}\ \Phi_{115}\ \Phi_{80}\ \Phi_{40}\ \Phi_{10}$
80248	1284	903	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{22}{129}$	$\frac{21}{43}$	$\Phi_{903}^2\ \Phi_{301}\ \Phi_{21}^2$
80249	1284	836	$\frac{5}{209}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{102}{209}$	$\Phi_{836}^2\ \Phi_{418}^2\ \Phi_{76}^2\ \Phi_{44}^3\ \Phi_{38}^2\ \Phi_{22}^3\ \Phi_4^2\ \Phi_2^2$
80250	1284	468	$\frac{1}{39}$	$\frac{10}{117}$	$\frac{1}{4}$	$\frac{19}{39}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{36}^4\ \Phi_{26}^3\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
80251	1284	1872	$\frac{1}{36}$	$\frac{1}{13}$	$\frac{37}{144}$	$\frac{35}{72}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
80252	1284	208	$\frac{3}{104}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{101}{208}$	$\Phi_{208}^{12}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}^{12}$
80253	1284	924	$\frac{1}{33}$	$\frac{17}{231}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{22}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_6$
80254	1284	3080	$\frac{13}{308}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{295}{616}$	$\Phi_{3080}\ \Phi_{440}\ \Phi_{280}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{10}$
80255	1284	2652	$\frac{5}{102}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{97}{204}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
80256	1284	560	$\frac{5}{112}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^2\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
80257	1284	2990	$\frac{1}{23}$	$\frac{22}{299}$	$\frac{1}{5}$	$\frac{277}{598}$	$\Phi_{2990}\ \Phi_{230}\ \Phi_{130}\ \Phi_{115}\ \Phi_{10}$
80258	1284	884	$\frac{7}{221}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{884}^2\ \Phi_{442}^2\ \Phi_{68}^2\ \Phi_{52}\ \Phi_{34}^2\ \Phi_{26}$
80259	1284	396	$\frac{1}{33}$	$\frac{8}{99}$	$\frac{1}{4}$	$\frac{91}{198}$	$\Phi_{396}^4\ \Phi_{132}^5\ \Phi_{99}^4\ \Phi_{66}\ \Phi_{44}^5\ \Phi_{36}^4\ \Phi_{33}^4\ \Phi_{22}\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_9^4\ \Phi_6\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
80260	1284	2574	$\frac{1}{13}$	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{198}$	$\Phi_{2574}\ \Phi_{858}\ \Phi_{286}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
80261	1284	1560	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{13}{120}$	$\frac{11}{24}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
80262	1284	1749	$\frac{1}{53}$	$\frac{1}{11}$	$\frac{52}{159}$	$\frac{5}{11}$	$\Phi_{1749}\ \Phi_{159}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
80263	1284	220	$\frac{3}{110}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{220}^8\ \Phi_{110}^4\ \Phi_{55}^4\ \Phi_{44}^7\ \Phi_{22}^3\ \Phi_{20}^8\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^6\ \Phi_2^2\ \Phi_1^4$
80264	1284	780	$\frac{1}{39}$	$\frac{19}{195}$	$\frac{1}{4}$	$\frac{88}{195}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{156}^3\ \Phi_{130}^2\ \Phi_{78}^3\ \Phi_{60}^2\ \Phi_{52}^3\ \Phi_{30}^2\ \Phi_{26}^3\ \Phi_{20}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
80265	1284	2496	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{85}{192}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
80266	1284	920	$\frac{1}{46}$	$\frac{15}{92}$	$\frac{1}{5}$	$\frac{77}{184}$	$\Phi_{920}^3\ \Phi_{230}\ \Phi_{115}\ \Phi_{40}^3\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
80267	1284	2340	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{17}{90}$	$\frac{73}{180}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
80268	1284	540	$\frac{1}{108}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^4\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^4\ \Phi_{45}^2\ \Phi_{36}^4\ \Phi_{30}^2\ \Phi_{27}^4\ \Phi_{20}^2\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_9^4\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
80269	1284	710	$\frac{1}{71}$	$\frac{1}{5}$	$\frac{35}{142}$	$\frac{2}{5}$	$\Phi_{710}^2\ \Phi_{355}\ \Phi_{142}^4\ \Phi_{71}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^4\ \Phi_1^4$
80270	1284	770	$\frac{3}{110}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{14}^2$
80271	1284	1404	$\frac{1}{108}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
80272	1284	1204	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{21}{86}$	$\frac{65}{172}$	$\Phi_{1204}^2\ \Phi_{301}\ \Phi_{28}^2$
80273	1284	1456	$\frac{5}{112}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{208}\ \Phi_{182}\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}$
80274	1284	2106	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{26}{81}$	$\frac{55}{162}$	$\Phi_{2106}\ \Phi_{702}\ \Phi_{351}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
80275	1284	1283	$\frac{8}{1283}$	$\frac{425}{1283}$	$\frac{427}{1283}$	$\frac{429}{1283}$	$\Phi_{1283}\ \Phi_1^2$
80276	1284	1929	$\frac{4}{643}$	$\frac{213}{643}$	$\frac{1}{3}$	$\frac{215}{643}$	Φ_{1929}
80277	1284	480	$\frac{1}{160}$	$\frac{53}{160}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^4\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^4\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^2\ \Phi_5^4\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
80278	1284	108	$\frac{1}{108}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{108}^{12}\ \Phi_{54}^{12}\ \Phi_{36}^{12}\ \Phi_{27}^{12}\ \Phi_{18}^{12}\ \Phi_{12}^{11}\ \Phi_9^{12}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
80279	1284	975	$\frac{4}{325}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{975}\ \Phi_{325}^2\ \Phi_{195}\ \Phi_{75}\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{25}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
80280	1284	1200	$\frac{1}{80}$	$\frac{79}{400}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}^2\ \Phi_{300}\ \Phi_{200}^2\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_3\ \Phi_1^2$
80281	1284	384	$\frac{1}{64}$	$\frac{21}{128}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{384}^3\ \Phi_{192}^2\ \Phi_{128}^6\ \Phi_{96}^2\ \Phi_{64}^4\ \Phi_{48}^2\ \Phi_{32}^4\ \Phi_{24}^2\ \Phi_{16}^4\ \Phi_{12}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
80282	1284	984	$\frac{7}{328}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{328}^2\ \Phi_{246}\ \Phi_{164}^2\ \Phi_{123}\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_3\ \Phi_1^2$
80283	1284	120	$\frac{1}{40}$	$\frac{13}{120}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^{11}\ \Phi_{60}^{11}\ \Phi_{40}^{10}\ \Phi_{30}^{11}\ \Phi_{24}^{11}\ \Phi_{20}^{10}\ \Phi_{15}^{11}\ \Phi_{12}^{11}\ \Phi_{10}^{10}\ \Phi_8^{10}\ \Phi_6^{11}\ \Phi_5^{10}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
80284	1284	330	$\frac{3}{110}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{330}^3\ \Phi_{165}^3\ \Phi_{110}^6\ \Phi_{66}^3\ \Phi_{55}^6\ \Phi_{33}^3\ \Phi_{30}^2\ \Phi_{22}^6\ \Phi_{15}^2\ \Phi_{11}^6\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
80285	1284	1056	$\frac{1}{32}$	$\frac{31}{352}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}^2\ \Phi_{264}\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
80286	1284	336	$\frac{5}{112}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^6\ \Phi_{84}^3\ \Phi_{56}^6\ \Phi_{48}^2\ \Phi_{42}^3\ \Phi_{28}^6\ \Phi_{24}^2\ \Phi_{21}^3\ \Phi_{16}^4\ \Phi_{14}^6\ \Phi_{12}^2\ \Phi_8^4\ \Phi_7^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
80287	1284	1020	$\frac{1}{20}$	$\frac{19}{340}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}^2\ \Phi_{102}\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_3\ \Phi_1^2$
80288	1284	2556	$\frac{2}{213}$	$\frac{1}{4}$	$\frac{211}{639}$	$\frac{1}{3}$	$\Phi_{2556}\ \Phi_{1278}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
80289	1284	1113	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{52}{159}$	$\frac{1}{3}$	$\Phi_{1113}\ \Phi_{371}^2\ \Phi_{21}^2\ \Phi_7^2$
80290	1284	852	$\frac{1}{71}$	$\frac{35}{142}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{852}^3\ \Phi_{426}\ \Phi_{213}^2\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
80291	1284	1638	$\frac{1}{13}$	$\frac{2}{21}$	$\frac{19}{126}$	$\frac{1}{3}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{234}\ \Phi_{182}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
80292	1284	1560	$\frac{1}{13}$	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{156}\ \Phi_{130}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
80293	1284	1749	$\frac{1}{53}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{52}{159}$	$\Phi_{1749}\ \Phi_{159}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
80294	1284	3180	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{52}{159}$	$\Phi_{3180}\ \Phi_{1590}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
80295	1284	690	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{31}{138}$	$\frac{15}{46}$	$\Phi_{690}^3\ \Phi_{345}^3\ \Phi_{230}\ \Phi_{115}\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}$
80296	1284	1980	$\frac{1}{33}$	$\frac{67}{495}$	$\frac{1}{4}$	$\frac{32}{99}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{132}\ \Phi_{110}\ \Phi_{90}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
80297	1284	315	$\frac{4}{105}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{101}{315}$	$\Phi_{315}^6\ \Phi_{63}^6\ \Phi_{45}^6\ \Phi_{35}\ \Phi_9^6$
80298	1284	2508	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{199}{627}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{228}\ \Phi_{132}\ \Phi_{114}\ \Phi_{66}\ \Phi_{44}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
80299	1284	156	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{49}{156}$	$\Phi_{156}^{12}\ \Phi_{78}^{12}\ \Phi_{52}\ \Phi_{39}^{12}\ \Phi_{26}\ \Phi_{12}^{12}\ \Phi_6^{12}\ \Phi_3^{12}$
80300	1284	770	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{5}$	$\frac{47}{154}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{110}^2\ \Phi_{70}^3\ \Phi_{55}^2\ \Phi_{35}^3\ \Phi_{10}^3\ \Phi_5^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
80301	1284	115	$\frac{8}{115}$	$\frac{2}{23}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{115}^{11}\ \Phi_{23}^{12}\ \Phi_{5}^{10}\ \Phi_{1}^{12}$
80302	1284	560	$\frac{5}{112}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{80}^{3}\ \Phi_{70}^{3}\ \Phi_{40}^{3}\ \Phi_{35}\ \Phi_{20}^{3}\ \Phi_{10}^{3}$
80303	1284	1188	$\frac{1}{33}$	$\frac{16}{99}$	$\frac{1}{4}$	$\frac{83}{297}$	$\Phi_{1188}^{2}\ \Phi_{594}^{2}\ \Phi_{132}\ \Phi_{108}^{2}\ \Phi_{66}\ \Phi_{54}^{2}\ \Phi_{44}\ \Phi_{22}\ \Phi_{12}\ \Phi_{6}$
80304	1284	2340	$\frac{1}{39}$	$\frac{38}{195}$	$\frac{1}{4}$	$\frac{157}{585}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{468}\ \Phi_{234}\ \Phi_{180}\ \Phi_{156}\ \Phi_{90}\ \Phi_{78}\ \Phi_{52}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
80305	1284	1575	$\frac{11}{225}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{175}\ \Phi_{63}\ \Phi_{35}$
80306	1284	1872	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{144}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
80307	1284	132	$\frac{1}{33}$	$\frac{25}{132}$	$\frac{8}{33}$	$\frac{1}{4}$	$\Phi_{132}^{9}\ \Phi_{66}^{9}\ \Phi_{44}^{9}\ \Phi_{33}^{12}\ \Phi_{22}^{9}\ \Phi_{12}^{9}\ \Phi_{11}^{12}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{3}^{12}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
80308	1284	468	$\frac{1}{13}$	$\frac{10}{117}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{468}^{4}\ \Phi_{234}^{4}\ \Phi_{156}^{4}\ \Phi_{78}^{4}\ \Phi_{52}\ \Phi_{36}^{4}\ \Phi_{26}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}$
80309	1284	260	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{130}$	$\frac{1}{4}$	$\Phi_{260}^{8}\ \Phi_{130}^{4}\ \Phi_{65}^{4}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}^{8}\ \Phi_{10}^{4}\ \Phi_{5}^{4}$
80310	1284	140	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{33}{140}$	$\Phi_{140}^{12}\ \Phi_{70}^{12}\ \Phi_{35}\ \Phi_{28}^{12}\ \Phi_{20}^{12}\ \Phi_{14}^{12}\ \Phi_{10}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}$
80311	1284	350	$\frac{29}{350}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{350}^{4}\ \Phi_{175}^{4}\ \Phi_{70}^{4}\ \Phi_{50}^{4}\ \Phi_{35}\ \Phi_{25}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{2}^{4}$
80312	1284	630	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{126}$	$\frac{1}{5}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}^{3}\ \Phi_{90}^{3}\ \Phi_{70}^{3}\ \Phi_{45}^{3}\ \Phi_{35}\ \Phi_{30}^{3}\ \Phi_{10}^{3}$
80313	1284	840	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{140}^{2}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
80314	1284	245	$\frac{4}{35}$	$\frac{31}{245}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{245}^{6}\ \Phi_{49}^{6}\ \Phi_{35}$
80315	1285	512	$\frac{1}{256}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{255}{512}$	$\Phi_{512}^{5}\ \Phi_{8}\ \Phi_{1}$
80316	1285	1716	$\frac{2}{429}$	$\frac{431}{1716}$	$\frac{1}{3}$	$\frac{427}{858}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{429}\ \Phi_{156}\ \Phi_{143}\ \Phi_{132}\ \Phi_{52}\ \Phi_{44}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
80317	1285	2556	$\frac{7}{1278}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1271}{2556}$	$\Phi_{2556}\ \Phi_{852}\ \Phi_{284}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
80318	1285	510	$\frac{2}{255}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{253}{510}$	$\Phi_{510}^{2}\ \Phi_{255}^{3}\ \Phi_{170}^{2}\ \Phi_{102}^{2}\ \Phi_{85}^{3}\ \Phi_{51}^{3}\ \Phi_{34}^{2}\ \Phi_{30}^{2}\ \Phi_{17}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
80319	1285	2544	$\frac{13}{1272}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1259}{2544}$	$\Phi_{2544}\ \Phi_{848}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
80320	1285	1032	$\frac{1}{86}$	$\frac{1}{6}$	$\frac{87}{344}$	$\frac{85}{172}$	$\Phi_{1032}^{2}\ \Phi_{344}\ \Phi_{258}^{2}\ \Phi_{129}^{2}\ \Phi_{86}\ \Phi_{43}\ \Phi_{24}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
80321	1285	1472	$\frac{3}{184}$	$\frac{187}{1472}$	$\frac{1}{4}$	$\frac{181}{368}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{184}\ \Phi_{92}\ \Phi_{64}\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_{8}\ \Phi_{1}$
80322	1285	1404	$\frac{2}{117}$	$\frac{119}{1404}$	$\frac{1}{3}$	$\frac{115}{234}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{156}\ \Phi_{117}\ \Phi_{108}\ \Phi_{54}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{27}\ \Phi_{13}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
80323	1285	1548	$\frac{5}{258}$	$\frac{1}{6}$	$\frac{263}{1548}$	$\frac{253}{516}$	$\Phi_{1548}\ \Phi_{774}\ \Phi_{387}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}\ \Phi_{43}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
80324	1285	504	$\frac{5}{252}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{247}{504}$	$\Phi_{504}^{5}\ \Phi_{168}^{5}\ \Phi_{72}^{5}\ \Phi_{56}^{5}\ \Phi_{36}\ \Phi_{24}^{5}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}^{5}\ \Phi_{1}$
80325	1285	504	$\frac{5}{252}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{247}{504}$	$\Phi_{504}^{5}\ \Phi_{168}^{5}\ \Phi_{72}^{5}\ \Phi_{56}^{5}\ \Phi_{28}\ \Phi_{24}^{5}\ \Phi_{14}\ \Phi_{8}^{5}\ \Phi_{7}\ \Phi_{1}$
80326	1285	504	$\frac{5}{252}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{247}{504}$	$\Phi_{504}^{5}\ \Phi_{168}^{5}\ \Phi_{72}^{5}\ \Phi_{56}^{5}\ \Phi_{24}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
80327	1285	1386	$\frac{2}{99}$	$\frac{101}{1386}$	$\frac{1}{3}$	$\frac{97}{198}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{126}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{42}\ \Phi_{33}\ \Phi_{21}\ \Phi_{14}\ \Phi_{11}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
80328	1285	2508	$\frac{31}{1254}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1223}{2508}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{228}\ \Phi_{132}\ \Phi_{76}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
80329	1285	1728	$\frac{11}{432}$	$\frac{1}{12}$	$\frac{443}{1728}$	$\frac{421}{864}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
80330	1285	2496	$\frac{37}{1248}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1211}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{192}\ \Phi_{64}\ \Phi_{39}\ \Phi_{13}\ \Phi_{1}$
80331	1285	2496	$\frac{37}{1248}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1211}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
80332	1285	2464	$\frac{53}{1232}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{1179}{2464}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{224}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
80333	1285	2448	$\frac{61}{1224}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1163}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
80334	1285	1326	$\frac{41}{1326}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{442}\ \Phi_{221}\ \Phi_{102}\ \Phi_{51}\ \Phi_{39}\ \Phi_{34}\ \Phi_{17}\ \Phi_{13}\ \Phi_{1}$
80335	1285	1344	$\frac{59}{1344}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
80336	1285	264	$\frac{7}{264}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{264}^5\ \Phi_{132}^5\ \Phi_{88}^5\ \Phi_{66}^4\ \Phi_{44}^5\ \Phi_{33}^5\ \Phi_{24}^5\ \Phi_{22}^4\ \Phi_{12}^5\ \Phi_{11}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
80337	1285	2392	$\frac{3}{92}$	$\frac{89}{1196}$	$\frac{1}{4}$	$\frac{1107}{2392}$	$\Phi_{2392}\ \Phi_{184}\ \Phi_{104}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_8\ \Phi_1$
80338	1285	288	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{31}{288}$	$\frac{133}{288}$	$\Phi_{288}^4\ \Phi_{144}^5\ \Phi_{96}^4\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{32}^4\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_9^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
80339	1285	2376	$\frac{2}{99}$	$\frac{97}{1188}$	$\frac{1}{3}$	$\frac{1091}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{33}\ \Phi_{24}\ \Phi_{11}\ \Phi_9\ \Phi_8\ \Phi_1$
80340	1285	2376	$\frac{97}{1188}$	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1091}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{108}\ \Phi_{88}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
80341	1285	468	$\frac{2}{117}$	$\frac{23}{234}$	$\frac{1}{3}$	$\frac{211}{468}$	$\Phi_{468}^5\ \Phi_{156}^5\ \Phi_{117}\ \Phi_{52}^5\ \Phi_{39}\ \Phi_{36}^5\ \Phi_{13}\ \Phi_{12}^5\ \Phi_9\ \Phi_4^5\ \Phi_1$
80342	1285	2304	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{133}{1152}$	$\frac{1019}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
80343	1285	2208	$\frac{3}{184}$	$\frac{181}{1104}$	$\frac{1}{4}$	$\frac{923}{2208}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{184}\ \Phi_{96}\ \Phi_{92}\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_8\ \Phi_1$
80344	1285	264	$\frac{7}{264}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{264}^5\ \Phi_{132}^5\ \Phi_{88}^5\ \Phi_{66}^5\ \Phi_{44}^5\ \Phi_{33}^5\ \Phi_{24}^5\ \Phi_{22}^5\ \Phi_{11}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
80345	1285	432	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{41}{216}$	$\frac{175}{432}$	$\Phi_{432}^5\ \Phi_{216}\ \Phi_{144}^5\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}^5\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}^5\ \Phi_9\ \Phi_8\ \Phi_1$
80346	1285	1290	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{42}{215}$	$\frac{173}{430}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{258}^2\ \Phi_{215}\ \Phi_{129}^2\ \Phi_{86}\ \Phi_{43}\ \Phi_{30}\ \Phi_{15}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
80347	1285	321	$\frac{2}{107}$	$\frac{21}{107}$	$\frac{64}{321}$	$\frac{43}{107}$	$\Phi_{321}^5\ \Phi_{107}^2\ \Phi_3^5\ \Phi_1^3$
80348	1285	428	$\frac{2}{107}$	$\frac{21}{107}$	$\frac{43}{214}$	$\frac{171}{428}$	$\Phi_{428}^5\ \Phi_{107}^2\ \Phi_4^5\ \Phi_1^3$
80349	1285	1296	$\frac{11}{1296}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
80350	1285	1344	$\frac{59}{1344}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
80351	1285	2064	$\frac{5}{258}$	$\frac{1}{6}$	$\frac{253}{1032}$	$\frac{779}{2064}$	$\Phi_{2064}\ \Phi_{688}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}\ \Phi_{48}\ \Phi_{43}\ \Phi_{16}\ \Phi_1$
80352	1285	384	$\frac{1}{128}$	$\frac{1}{4}$	$\frac{127}{384}$	$\frac{3}{8}$	$\Phi_{384}^5\ \Phi_{192}^5\ \Phi_{96}^5\ \Phi_{48}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
80353	1285	1296	$\frac{11}{1296}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{144}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
80354	1285	520	$\frac{3}{260}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}^4\ \Phi_{260}\ \Phi_{130}\ \Phi_{104}^4\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}^4\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
80355	1285	320	$\frac{1}{64}$	$\frac{63}{320}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{320}^5\ \Phi_{160}^5\ \Phi_{80}^5\ \Phi_{40}^5\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_8\ \Phi_5^5\ \Phi_1$
80356	1285	1536	$\frac{5}{256}$	$\frac{251}{1536}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
80357	1285	1312	$\frac{27}{1312}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1312}\ \Phi_{656}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}\ \Phi_{41}\ \Phi_8\ \Phi_1$
80358	1285	264	$\frac{7}{264}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^5\ \Phi_{132}^5\ \Phi_{88}^5\ \Phi_{66}^5\ \Phi_{44}^5\ \Phi_{33}^5\ \Phi_{24}^5\ \Phi_{22}^5\ \Phi_{12}^5\ \Phi_{11}^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
80359	1285	288	$\frac{1}{32}$	$\frac{31}{288}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
80360	1285	1408	$\frac{5}{128}$	$\frac{123}{1408}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
80361	1285	1344	$\frac{59}{1344}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
80362	1285	272	$\frac{15}{272}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{272}^5\ \Phi_{136}^5\ \Phi_{68}^5\ \Phi_{34}^5\ \Phi_{17}^5\ \Phi_8\ \Phi_1$
80363	1285	1944	$\frac{11}{324}$	$\frac{1}{12}$	$\frac{313}{972}$	$\frac{659}{1944}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
80364	1285	1917	$\frac{7}{639}$	$\frac{2}{9}$	$\frac{632}{1917}$	$\frac{1}{3}$	$\Phi_{1917}\ \Phi_{27}\ \Phi_9\ \Phi_1$
80365	1285	297	$\frac{2}{99}$	$\frac{40}{297}$	$\frac{97}{297}$	$\frac{1}{3}$	$\Phi_{297}^4\ \Phi_{99}^5\ \Phi_{33}^5\ \Phi_{27}^4\ \Phi_{11}^5\ \Phi_9^5\ \Phi_3^4\ \Phi_1^5$
80366	1285	1881	$\frac{31}{627}$	$\frac{2}{33}$	$\frac{596}{1881}$	$\frac{1}{3}$	$\Phi_{1881}\ \Phi_{171}\ \Phi_{99}\ \Phi_{33}\ \Phi_{11}\ \Phi_9\ \Phi_1$
80367	1285	1872	$\frac{2}{39}$	$\frac{37}{624}$	$\frac{587}{1872}$	$\frac{1}{3}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{144}\ \Phi_{117}\ \Phi_{72}\ \Phi_{39}\ \Phi_{36}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
80368	1285	1782	$\frac{2}{99}$	$\frac{97}{594}$	$\frac{497}{1782}$	$\frac{1}{3}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{162}\ \Phi_{99}\ \Phi_{81}\ \Phi_{33}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
80369	1285	351	$\frac{2}{117}$	$\frac{23}{117}$	$\frac{94}{351}$	$\frac{1}{3}$	$\Phi_{351}^{5}\ \Phi_{117}\ \Phi_{39}\ \Phi_{27}^{5}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
80370	1285	1584	$\frac{2}{99}$	$\frac{299}{1584}$	$\frac{97}{396}$	$\frac{1}{3}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
80371	1285	1404	$\frac{2}{39}$	$\frac{119}{1404}$	$\frac{37}{156}$	$\frac{1}{3}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{234}\ \Phi_{117}\ \Phi_{108}\ \Phi_{54}\ \Phi_{39}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
80372	1285	312	$\frac{2}{39}$	$\frac{37}{312}$	$\frac{55}{312}$	$\frac{1}{3}$	$\Phi_{312}^{4}\ \Phi_{156}^{4}\ \Phi_{104}^{4}\ \Phi_{78}^{4}\ \Phi_{52}^{4}\ \Phi_{39}^{5}\ \Phi_{26}^{4}\ \Phi_{24}^{4}\ \Phi_{13}^{5}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
80373	1285	306	$\frac{2}{51}$	$\frac{49}{306}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{306}^{5}\ \Phi_{153}^{5}\ \Phi_{102}^{2}\ \Phi_{51}^{3}\ \Phi_{34}^{2}\ \Phi_{18}^{5}\ \Phi_{17}^{3}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
80374	1285	270	$\frac{13}{270}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{270}^{5}\ \Phi_{135}^{5}\ \Phi_{90}^{5}\ \Phi_{54}^{5}\ \Phi_{45}^{5}\ \Phi_{30}^{2}\ \Phi_{27}^{5}\ \Phi_{18}^{5}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
80375	1285	1656	$\frac{3}{184}$	$\frac{371}{1656}$	$\frac{1}{4}$	$\frac{181}{552}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{414}\ \Phi_{207}\ \Phi_{184}\ \Phi_{92}\ \Phi_{72}\ \Phi_{46}\ \Phi_{36}\ \Phi_{23}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
80376	1285	378	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{121}{378}$	$\Phi_{378}^{5}\ \Phi_{189}^{5}\ \Phi_{54}^{5}\ \Phi_{27}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
80377	1285	1872	$\frac{37}{624}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{587}{1872}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{144}\ \Phi_{117}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
80378	1285	1512	$\frac{1}{12}$	$\frac{25}{252}$	$\frac{227}{1512}$	$\frac{11}{36}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{72}\ \Phi_{56}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
80379	1285	288	$\frac{1}{12}$	$\frac{31}{288}$	$\frac{5}{36}$	$\frac{11}{36}$	$\Phi_{288}^{5}\ \Phi_{144}^{5}\ \Phi_{96}^{5}\ \Phi_{72}^{5}\ \Phi_{48}^{5}\ \Phi_{36}\ \Phi_{32}^{5}\ \Phi_{24}^{5}\ \Phi_{18}\ \Phi_{16}^{5}\ \Phi_{9}\ \Phi_{8}^{5}\ \Phi_{1}$
80380	1285	1848	$\frac{3}{56}$	$\frac{53}{616}$	$\frac{1}{4}$	$\frac{563}{1848}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{56}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
80381	1285	1344	$\frac{59}{1344}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{64}\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
80382	1285	270	$\frac{13}{270}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{270}^{5}\ \Phi_{135}^{5}\ \Phi_{90}^{5}\ \Phi_{54}^{5}\ \Phi_{45}^{5}\ \Phi_{30}^{5}\ \Phi_{27}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
80383	1285	1728	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{133}{576}$	$\frac{443}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
80384	1285	336	$\frac{5}{84}$	$\frac{3}{28}$	$\frac{79}{336}$	$\frac{1}{4}$	$\Phi_{336}^{5}\ \Phi_{168}^{5}\ \Phi_{112}^{5}\ \Phi_{56}^{5}\ \Phi_{48}^{5}\ \Phi_{28}\ \Phi_{24}^{5}\ \Phi_{16}^{5}\ \Phi_{14}\ \Phi_{8}^{5}\ \Phi_{7}\ \Phi_{1}$
80385	1285	280	$\frac{23}{280}$	$\frac{3}{28}$	$\frac{5}{28}$	$\frac{1}{4}$	$\Phi_{280}^{5}\ \Phi_{140}^{5}\ \Phi_{70}^{5}\ \Phi_{56}^{5}\ \Phi_{40}^{5}\ \Phi_{35}^{5}\ \Phi_{28}\ \Phi_{20}^{5}\ \Phi_{14}\ \Phi_{10}^{5}\ \Phi_{8}^{5}\ \Phi_{7}\ \Phi_{5}^{5}\ \Phi_{1}$
80386	1285	1512	$\frac{25}{252}$	$\frac{3}{28}$	$\frac{227}{1512}$	$\frac{1}{4}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{72}\ \Phi_{56}\ \Phi_{54}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
80387	1285	336	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{79}{336}$	$\Phi_{336}^{5}\ \Phi_{168}^{5}\ \Phi_{112}^{5}\ \Phi_{56}^{5}\ \Phi_{48}^{5}\ \Phi_{24}^{5}\ \Phi_{16}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
80388	1285	288	$\frac{31}{288}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{288}^{5}\ \Phi_{144}^{5}\ \Phi_{96}^{5}\ \Phi_{72}^{5}\ \Phi_{48}^{5}\ \Phi_{32}^{5}\ \Phi_{24}^{5}\ \Phi_{16}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
80389	1285	294	$\frac{5}{42}$	$\frac{37}{294}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{294}^{5}\ \Phi_{147}^{5}\ \Phi_{98}^{5}\ \Phi_{49}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
80390	1286	1028	$\frac{1}{257}$	$\frac{129}{514}$	$\frac{385}{1028}$	$\frac{128}{257}$	$\Phi_{1028}^{2}\ \Phi_{257}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
80391	1286	1280	$\frac{3}{640}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{637}{1280}$	$\Phi_{1280}^{2}\ \Phi_{256}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
80392	1286	3840	$\frac{3}{640}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{637}{1280}$	$\Phi_{3840}\ \Phi_{768}\ \Phi_{12}\ \Phi_{6}$
80393	1286	1275	$\frac{11}{1275}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{632}{1275}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{255}\ \Phi_{85}\ \Phi_{75}\ \Phi_{51}\ \Phi_{25}\ \Phi_{17}\ \Phi_{15}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
80394	1286	860	$\frac{2}{215}$	$\frac{1}{5}$	$\frac{217}{860}$	$\frac{213}{430}$	$\Phi_{860}^{2}\ \Phi_{215}^{2}\ \Phi_{172}^{2}\ \Phi_{43}^{2}\ \Phi_{20}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
80395	1286	3822	$\frac{6}{637}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{631}{1274}$	$\Phi_{3822}\ \Phi_{546}\ \Phi_{294}\ \Phi_{78}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
80396	1286	2208	$\frac{1}{92}$	$\frac{93}{736}$	$\frac{1}{3}$	$\frac{91}{184}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}\ \Phi_{69}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
80397	1286	1260	$\frac{13}{630}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{617}{1260}$	$\Phi_{1260}^{2}\ \Phi_{420}^{2}\ \Phi_{252}^{2}\ \Phi_{180}^{2}\ \Phi_{140}^{2}\ \Phi_{84}^{2}\ \Phi_{60}^{2}\ \Phi_{42}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}^{2}$
80398	1286	1260	$\frac{13}{630}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{617}{1260}$	$\Phi_{1260}^{2}\ \Phi_{420}^{2}\ \Phi_{252}^{2}\ \Phi_{180}^{2}\ \Phi_{140}^{2}\ \Phi_{84}^{2}\ \Phi_{60}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
80399	1286	1242	$\frac{22}{621}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{599}{1242}$	$\Phi_{1242}^{2}\ \Phi_{414}^{2}\ \Phi_{138}^{2}\ \Phi_{69}\ \Phi_{54}^{2}\ \Phi_{46}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
80400	1286	672	$\frac{1}{28}$	$\frac{29}{672}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{224}^{2}\ \Phi_{168}\ \Phi_{112}^{2}\ \Phi_{96}^{2}\ \Phi_{84}^{2}\ \Phi_{56}^{2}\ \Phi_{48}^{2}\ \Phi_{42}^{2}\ \Phi_{32}^{2}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
80401	1286	3696	$\frac{1}{28}$	$\frac{27}{616}$	$\frac{1}{3}$	$\frac{589}{1232}$	$\Phi_{3696}\ \Phi_{528}\ \Phi_{336}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
80402	1286	3588	$\frac{1}{46}$	$\frac{45}{598}$	$\frac{1}{3}$	$\frac{553}{1196}$	$\Phi_{3588}\ \Phi_{276}\ \Phi_{156}\ \Phi_{138}\ \Phi_{69}\ \Phi_{12}\ \Phi_{6}$
80403	1286	660	$\frac{17}{660}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
80404	1286	1104	$\frac{1}{92}$	$\frac{91}{552}$	$\frac{1}{3}$	$\frac{461}{1104}$	$\Phi_{1104}^2\ \Phi_{368}^2\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_{6}$
80405	1286	1075	$\frac{4}{215}$	$\frac{211}{1075}$	$\frac{1}{5}$	$\frac{432}{1075}$	$\Phi_{1075}\ \Phi_{215}^2\ \Phi_{43}^2\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^2$
80406	1286	960	$\frac{3}{320}$	$\frac{1}{5}$	$\frac{317}{960}$	$\frac{2}{5}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
80407	1286	650	$\frac{7}{650}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{650}^2\ \Phi_{325}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{50}^2\ \Phi_{26}^2\ \Phi_{25}^2\ \Phi_{13}^2\ \Phi_{5}\ \Phi_{1}^2$
80408	1286	800	$\frac{3}{160}$	$\frac{157}{800}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{800}^2\ \Phi_{400}^2\ \Phi_{200}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{5}\ \Phi_{1}^2$
80409	1286	660	$\frac{17}{660}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
80410	1286	720	$\frac{3}{80}$	$\frac{77}{720}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
80411	1286	680	$\frac{37}{680}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{680}^2\ \Phi_{340}^2\ \Phi_{170}^2\ \Phi_{136}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{5}\ \Phi_{1}^2$
80412	1286	648	$\frac{5}{648}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
80413	1286	966	$\frac{1}{161}$	$\frac{160}{483}$	$\frac{1}{3}$	$\frac{323}{966}$	$\Phi_{966}^2\ \Phi_{483}\ \Phi_{322}^2\ \Phi_{138}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{6}^2\ \Phi_{2}^2$
80414	1286	960	$\frac{3}{320}$	$\frac{1}{4}$	$\frac{317}{960}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}^2\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
80415	1286	828	$\frac{1}{92}$	$\frac{185}{828}$	$\frac{91}{276}$	$\frac{1}{3}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}\ \Phi_{207}^2\ \Phi_{138}\ \Phi_{69}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{9}^2\ \Phi_{6}$
80416	1286	690	$\frac{1}{23}$	$\frac{47}{690}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{115}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{2}^2$
80417	1286	672	$\frac{29}{672}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}\ \Phi_{4}^2$
80418	1286	924	$\frac{1}{28}$	$\frac{27}{308}$	$\frac{281}{924}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
80419	1286	2400	$\frac{3}{160}$	$\frac{157}{800}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{12}\ \Phi_{6}$
80420	1286	1968	$\frac{13}{656}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{12}\ \Phi_{6}$
80421	1286	768	$\frac{3}{128}$	$\frac{125}{768}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{768}^2\ \Phi_{384}\ \Phi_{256}^2\ \Phi_{192}\ \Phi_{128}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
80422	1286	660	$\frac{17}{660}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
80423	1286	720	$\frac{3}{80}$	$\frac{77}{720}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}\ \Phi_{180}^2\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
80424	1286	672	$\frac{29}{672}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
80425	1286	2112	$\frac{3}{64}$	$\frac{61}{704}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_{6}$
80426	1286	2040	$\frac{37}{680}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{12}\ \Phi_{6}$
80427	1286	840	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{197}{840}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}\ \Phi_{4}^2$
80428	1286	828	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{185}{828}$	$\frac{1}{3}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{2}^2$
80429	1286	2100	$\frac{1}{14}$	$\frac{57}{700}$	$\frac{13}{70}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{150}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
80430	1286	756	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{113}{756}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{54}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
80431	1286	2058	$\frac{43}{686}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2058}\ \Phi_{1029}\ \Phi_{294}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
80432	1286	2184	$\frac{6}{91}$	$\frac{85}{728}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}\ \Phi_{168}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
80433	1286	945	$\frac{13}{315}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{302}{945}$	$\Phi_{945}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
80434	1286	675	$\frac{32}{675}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}^2\ \Phi_{75}^2\ \Phi_{27}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
80435	1286	765	$\frac{11}{255}$	$\frac{122}{765}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{765}^2\ \Phi_{255}\ \Phi_{153}^2\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
80436	1286	675	$\frac{32}{675}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}^2\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
80437	1286	840	$\frac{13}{210}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{197}{840}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
80438	1286	720	$\frac{77}{720}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{5}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
80439	1286	735	$\frac{13}{105}$	$\frac{92}{735}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}^2\ \Phi_{49}^2\ \Phi_{15}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
80440	1287	1136	$\frac{1}{142}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{141}{284}$	$\Phi_{1136}^2\ \Phi_{284}\ \Phi_{16}^3\ \Phi_{4}\ \Phi_{1}$
80441	1287	284	$\frac{1}{142}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{141}{284}$	$\Phi_{284}^5\ \Phi_{142}^4\ \Phi_{71}^4\ \Phi_{4}^7\ \Phi_{2}^6\ \Phi_{1}^7$
80442	1287	1160	$\frac{1}{116}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{115}{232}$	$\Phi_{1160}^2\ \Phi_{232}^3\ \Phi_{40}^2\ \Phi_{20}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
80443	1287	3480	$\frac{1}{116}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{115}{232}$	$\Phi_{3480}\ \Phi_{696}\ \Phi_{232}\ \Phi_{120}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
80444	1287	1700	$\frac{4}{425}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{421}{850}$	$\Phi_{1700}\ \Phi_{425}\ \Phi_{340}\ \Phi_{100}\ \Phi_{85}\ \Phi_{68}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
80445	1287	1176	$\frac{1}{98}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{97}{196}$	$\Phi_{1176}^2\ \Phi_{392}^2\ \Phi_{196}\ \Phi_{168}^2\ \Phi_{56}^2\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
80446	1287	2940	$\frac{1}{98}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{97}{196}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{420}\ \Phi_{196}\ \Phi_{140}\ \Phi_{60}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
80447	1287	1764	$\frac{1}{98}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{97}{196}$	$\Phi_{1764}^2\ \Phi_{252}^2\ \Phi_{196}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{18}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
80448	1287	784	$\frac{1}{98}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{97}{196}$	$\Phi_{784}^2\ \Phi_{392}^2\ \Phi_{196}\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{28}\ \Phi_{16}^3\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
80449	1287	172	$\frac{1}{86}$	$\frac{29}{172}$	$\frac{1}{4}$	$\frac{85}{172}$	$\Phi_{172}^8\ \Phi_{86}^7\ \Phi_{43}^7\ \Phi_{4}^7\ \Phi_{2}^6\ \Phi_{1}^7$
80450	1287	1410	$\frac{2}{141}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{139}{282}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{470}\ \Phi_{235}\ \Phi_{141}\ \Phi_{47}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
80451	1287	960	$\frac{1}{48}$	$\frac{1}{10}$	$\frac{49}{192}$	$\frac{47}{96}$	$\Phi_{960}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{64}\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
80452	1287	280	$\frac{3}{140}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{137}{280}$	$\Phi_{280}^9\ \Phi_{56}^9\ \Phi_{40}^9\ \Phi_{20}^2\ \Phi_{10}\ \Phi_{8}^9\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
80453	1287	1216	$\frac{1}{38}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{37}{76}$	$\Phi_{1216}^2\ \Phi_{76}\ \Phi_{64}^3\ \Phi_{4}\ \Phi_{1}$
80454	1287	304	$\frac{1}{38}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{37}{76}$	$\Phi_{304}^4\ \Phi_{152}^4\ \Phi_{76}^5\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{16}^6\ \Phi_{8}^6\ \Phi_{4}^7\ \Phi_{2}^6\ \Phi_{1}^7$
80455	1287	228	$\frac{1}{38}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{37}{76}$	$\Phi_{228}^6\ \Phi_{114}^6\ \Phi_{76}^5\ \Phi_{57}^6\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{12}^9\ \Phi_{6}^9\ \Phi_{4}^7\ \Phi_{3}^9\ \Phi_{2}^6\ \Phi_{1}^7$
80456	1287	760	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{37}{76}$	$\Phi_{760}^2\ \Phi_{380}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{76}\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_{5}^3\ \Phi_{4}\ \Phi_{1}$
80457	1287	1216	$\frac{1}{32}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{31}{64}$	$\Phi_{1216}^2\ \Phi_{64}^3\ \Phi_{19}^2\ \Phi_{1}^3$
80458	1287	448	$\frac{1}{32}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{448}^6\ \Phi_{64}^3\ \Phi_{28}^2\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
80459	1287	1380	$\frac{5}{138}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{133}{276}$	$\Phi_{1380}^2\ \Phi_{460}^2\ \Phi_{276}\ \Phi_{92}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
80460	1287	1330	$\frac{4}{95}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{91}{190}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{266}\ \Phi_{133}\ \Phi_{95}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{19}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
80461	1287	280	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{7}{40}$	$\frac{19}{40}$	$\Phi_{280}^4\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{56}^4\ \Phi_{40}^2\ \Phi_{35}^6\ \Phi_{28}^6\ \Phi_{20}^3\ \Phi_{14}^5\ \Phi_{10}^3\ \Phi_{8}^2\ \Phi_{7}^5\ \Phi_{5}^3\ \Phi_{4}^3\ \Phi_{2}^2\ \Phi_{1}^3$
80462	1287	1360	$\frac{7}{136}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{129}{272}$	$\Phi_{1360}^2\ \Phi_{272}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
80463	1287	270	$\frac{8}{135}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{127}{270}$	$\Phi_{270}^4\ \Phi_{135}^5\ \Phi_{90}^5\ \Phi_{54}^4\ \Phi_{45}^6\ \Phi_{30}^5\ \Phi_{27}^5\ \Phi_{18}^5\ \Phi_{15}^6\ \Phi_{10}^4\ \Phi_{9}^5\ \Phi_{6}^5\ \Phi_{5}^5\ \Phi_{3}^5\ \Phi_{2}^4\ \Phi_{1}^5$
80464	1287	160	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{17}{160}$	$\frac{15}{32}$	$\Phi_{160}^7\ \Phi_{80}^9\ \Phi_{40}^9\ \Phi_{32}^8\ \Phi_{20}^9\ \Phi_{16}^9\ \Phi_{10}^8\ \Phi_{8}^9\ \Phi_{5}^8\ \Phi_{4}^9\ \Phi_{2}^8\ \Phi_{1}^9$
80465	1287	1176	$\frac{1}{49}$	$\frac{1}{12}$	$\frac{16}{49}$	$\frac{11}{24}$	$\Phi_{1176}^2\ \Phi_{392}^2\ \Phi_{168}^2\ \Phi_{56}^2\ \Phi_{49}^2\ \Phi_{24}^3\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{1}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
80466	1287	408	$\frac{1}{34}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{408}^{6}\,\Phi_{136}^{6}\,\Phi_{68}^{2}\,\Phi_{34}\,\Phi_{24}^{3}\,\Phi_{17}\,\Phi_{8}^{3}\,\Phi_{4}\,\Phi_{1}$
80467	1287	840	$\frac{2}{35}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{840}^{3}\,\Phi_{280}^{3}\,\Phi_{168}^{2}\,\Phi_{120}^{3}\,\Phi_{56}^{2}\,\Phi_{40}^{3}\,\Phi_{35}^{3}\,\Phi_{24}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{5}^{3}\,\Phi_{1}^{3}$
80468	1287	336	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{112}$	$\frac{11}{24}$	$\Phi_{336}^{4}\,\Phi_{168}^{2}\,\Phi_{112}^{5}\,\Phi_{84}^{4}\,\Phi_{56}^{3}\,\Phi_{48}^{4}\,\Phi_{42}^{4}\,\Phi_{28}^{5}\,\Phi_{24}^{3}\,\Phi_{21}^{4}\,\Phi_{16}^{5}\,\Phi_{14}^{4}\,\Phi_{12}^{4}\,\Phi_{8}^{4}\,\Phi_{7}^{4}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
80469	1287	1176	$\frac{4}{49}$	$\frac{1}{12}$	$\frac{5}{49}$	$\frac{11}{24}$	$\Phi_{1176}^{2}\,\Phi_{392}^{2}\,\Phi_{168}^{2}\,\Phi_{56}^{2}\,\Phi_{49}^{2}\,\Phi_{24}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
80470	1287	120	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{24}$	$\Phi_{120}^{22}\,\Phi_{60}^{2}\,\Phi_{40}^{22}\,\Phi_{30}^{2}\,\Phi_{24}^{11}\,\Phi_{20}^{2}\,\Phi_{15}^{2}\,\Phi_{12}\,\Phi_{10}\,\Phi_{8}^{11}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
80471	1287	580	$\frac{1}{58}$	$\frac{1}{10}$	$\frac{19}{58}$	$\frac{9}{20}$	$\Phi_{580}^{4}\,\Phi_{116}^{4}\,\Phi_{58}^{2}\,\Phi_{29}^{2}\,\Phi_{20}^{5}\,\Phi_{4}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
80472	1287	40	$\frac{1}{40}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{40}^{33}\,\Phi_{20}^{32}\,\Phi_{10}^{31}\,\Phi_{8}^{33}\,\Phi_{5}^{31}\,\Phi_{4}^{31}\,\Phi_{2}^{30}\,\Phi_{1}^{31}$
80473	1287	580	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{28}{145}$	$\frac{9}{20}$	$\Phi_{580}^{4}\,\Phi_{145}\,\Phi_{116}^{4}\,\Phi_{20}^{5}\,\Phi_{5}\,\Phi_{4}^{5}\,\Phi_{1}$
80474	1287	580	$\frac{2}{29}$	$\frac{1}{10}$	$\frac{3}{29}$	$\frac{9}{20}$	$\Phi_{580}^{4}\,\Phi_{116}^{4}\,\Phi_{29}^{4}\,\Phi_{20}^{5}\,\Phi_{4}^{5}\,\Phi_{1}^{5}$
80475	1287	140	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{140}^{18}\,\Phi_{70}^{2}\,\Phi_{35}^{2}\,\Phi_{28}^{18}\,\Phi_{20}^{9}\,\Phi_{14}\,\Phi_{10}\,\Phi_{7}\,\Phi_{5}\,\Phi_{4}^{9}\,\Phi_{1}$
80476	1287	516	$\frac{1}{43}$	$\frac{14}{129}$	$\frac{1}{4}$	$\frac{115}{258}$	$\Phi_{516}^{3}\,\Phi_{172}^{4}\,\Phi_{129}^{3}\,\Phi_{86}\,\Phi_{43}^{3}\,\Phi_{12}^{3}\,\Phi_{4}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
80477	1287	1190	$\frac{1}{34}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{1190}\,\Phi_{595}\,\Phi_{238}\,\Phi_{170}^{2}\,\Phi_{119}\,\Phi_{85}^{2}\,\Phi_{35}\,\Phi_{34}\,\Phi_{17}\,\Phi_{10}\,\Phi_{7}\,\Phi_{5}\,\Phi_{1}$
80478	1287	1280	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{15}{128}$	$\frac{113}{256}$	$\Phi_{1280}^{2}\,\Phi_{256}\,\Phi_{80}^{2}\,\Phi_{40}^{2}\,\Phi_{20}^{2}\,\Phi_{16}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
80479	1287	3408	$\frac{1}{71}$	$\frac{1}{8}$	$\frac{70}{213}$	$\frac{7}{16}$	$\Phi_{3408}\,\Phi_{213}\,\Phi_{48}\,\Phi_{16}\,\Phi_{3}\,\Phi_{1}$
80480	1287	272	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{272}^{4}\,\Phi_{136}^{6}\,\Phi_{68}^{6}\,\Phi_{34}^{5}\,\Phi_{17}^{5}\,\Phi_{16}^{2}\,\Phi_{8}^{3}\,\Phi_{4}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
80481	1287	1136	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1136}^{2}\,\Phi_{71}^{2}\,\Phi_{16}^{3}\,\Phi_{1}^{3}$
80482	1287	336	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{336}^{8}\,\Phi_{112}^{6}\,\Phi_{84}^{2}\,\Phi_{48}^{4}\,\Phi_{42}^{2}\,\Phi_{28}^{2}\,\Phi_{21}^{2}\,\Phi_{16}^{3}\,\Phi_{14}\,\Phi_{12}\,\Phi_{7}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
80483	1287	1260	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{17}{126}$	$\frac{109}{252}$	$\Phi_{1260}^{2}\,\Phi_{420}^{2}\,\Phi_{252}\,\Phi_{180}^{2}\,\Phi_{140}^{2}\,\Phi_{90}^{2}\,\Phi_{84}\,\Phi_{60}^{2}\,\Phi_{45}^{2}\,\Phi_{36}\,\Phi_{30}^{2}\,\Phi_{28}\,\Phi_{20}^{2}\,\Phi_{18}\,\Phi_{15}^{2}\,\Phi_{12}\,\Phi_{10}\,\Phi_{9}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
80484	1287	240	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{23}{120}$	$\frac{97}{240}$	$\Phi_{240}^{9}\,\Phi_{120}^{2}\,\Phi_{80}^{9}\,\Phi_{60}^{2}\,\Phi_{48}^{9}\,\Phi_{40}^{2}\,\Phi_{30}^{2}\,\Phi_{24}\,\Phi_{20}^{2}\,\Phi_{16}^{9}\,\Phi_{15}^{2}\,\Phi_{12}\,\Phi_{10}\,\Phi_{8}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
80485	1287	1088	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{1088}^{2}\,\Phi_{136}^{2}\,\Phi_{68}^{2}\,\Phi_{64}\,\Phi_{34}\,\Phi_{17}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
80486	1287	1062	$\frac{1}{118}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1062}\,\Phi_{531}\,\Phi_{354}^{2}\,\Phi_{177}^{2}\,\Phi_{118}\,\Phi_{59}\,\Phi_{9}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
80487	1287	1120	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{19}{80}$	$\frac{61}{160}$	$\Phi_{1120}^{2}\,\Phi_{224}^{2}\,\Phi_{160}\,\Phi_{140}^{2}\,\Phi_{70}^{2}\,\Phi_{35}^{2}\,\Phi_{32}\,\Phi_{28}^{2}\,\Phi_{20}\,\Phi_{14}\,\Phi_{10}\,\Phi_{7}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
80488	1287	688	$\frac{1}{86}$	$\frac{85}{344}$	$\frac{1}{4}$	$\frac{259}{688}$	$\Phi_{688}^{3}\,\Phi_{172}^{2}\,\Phi_{86}\,\Phi_{43}\,\Phi_{16}^{3}\,\Phi_{4}\,\Phi_{1}$
80489	1287	944	$\frac{1}{118}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{944}^{2}\,\Phi_{236}^{2}\,\Phi_{118}\,\Phi_{59}\,\Phi_{16}\,\Phi_{4}\,\Phi_{1}$
80490	1287	728	$\frac{5}{104}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{728}^{2}\,\Phi_{364}^{2}\,\Phi_{182}^{2}\,\Phi_{104}\,\Phi_{91}^{2}\,\Phi_{52}\,\Phi_{28}^{2}\,\Phi_{26}\,\Phi_{14}\,\Phi_{13}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
80491	1287	340	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{340}^{6}\,\Phi_{170}^{2}\,\Phi_{85}^{2}\,\Phi_{68}^{6}\,\Phi_{34}\,\Phi_{20}^{3}\,\Phi_{17}\,\Phi_{10}\,\Phi_{5}\,\Phi_{4}^{3}\,\Phi_{1}$
80492	1287	350	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{8}{25}$	$\frac{17}{50}$	$\Phi_{350}^{4}\,\Phi_{175}^{4}\,\Phi_{70}^{4}\,\Phi_{50}\,\Phi_{35}^{4}\,\Phi_{25}^{3}\,\Phi_{14}^{3}\,\Phi_{10}\,\Phi_{7}^{3}\,\Phi_{5}^{3}\,\Phi_{1}^{3}$
80493	1287	1080	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{35}{108}$	$\frac{73}{216}$	$\Phi_{1080}^{2}\,\Phi_{360}^{2}\,\Phi_{216}\,\Phi_{180}^{2}\,\Phi_{120}^{2}\,\Phi_{90}^{2}\,\Phi_{72}\,\Phi_{60}^{2}\,\Phi_{45}^{2}\,\Phi_{40}^{2}\,\Phi_{36}\,\Phi_{30}^{2}\,\Phi_{24}\,\Phi_{20}^{2}\,\Phi_{18}\,\Phi_{15}^{2}\,\Phi_{12}\,\Phi_{10}\,\Phi_{9}\,\Phi_{8}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
80494	1287	643	$\frac{4}{643}$	$\frac{213}{643}$	$\frac{214}{643}$	$\frac{215}{643}$	$\Phi_{643}^{2}\,\Phi_{1}^{3}$
80495	1287	735	$\frac{1}{49}$	$\frac{2}{15}$	$\frac{16}{49}$	$\frac{1}{3}$	$\Phi_{735}^{2}\,\Phi_{245}^{2}\,\Phi_{105}^{2}\,\Phi_{49}^{2}\,\Phi_{35}^{2}\,\Phi_{15}^{3}\,\Phi_{7}^{2}\,\Phi_{5}^{3}\,\Phi_{1}^{3}$
80496	1287	1020	$\frac{1}{34}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^{2}\,\Phi_{510}\,\Phi_{340}^{2}\,\Phi_{255}\,\Phi_{170}\,\Phi_{85}\,\Phi_{68}^{2}\,\Phi_{60}\,\Phi_{34}\,\Phi_{20}\,\Phi_{17}\,\Phi_{15}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
80497	1287	105	$\frac{2}{35}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{105}^{11}\,\Phi_{35}^{14}\,\Phi_{21}^{12}\,\Phi_{15}^{12}\,\Phi_{7}^{14}\,\Phi_{5}^{15}\,\Phi_{3}^{12}\,\Phi_{1}^{15}$
80498	1287	1680	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1680}\,\Phi_{840}\,\Phi_{560}\,\Phi_{420}\,\Phi_{280}\,\Phi_{240}\,\Phi_{140}\,\Phi_{120}\,\Phi_{112}\,\Phi_{80}\,\Phi_{60}\,\Phi_{56}\,\Phi_{40}\,\Phi_{28}\,\Phi_{20}\,\Phi_{16}\,\Phi_{15}\,\Phi_{8}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
80499	1287	735	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{735}^{2}\,\Phi_{245}^{2}\,\Phi_{105}^{2}\,\Phi_{49}^{2}\,\Phi_{35}^{2}\,\Phi_{15}^{3}\,\Phi_{7}^{2}\,\Phi_{5}^{3}\,\Phi_{1}^{3}$
80500	1287	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{60}^{23}\,\Phi_{30}^{19}\,\Phi_{20}^{23}\,\Phi_{15}^{20}\,\Phi_{12}^{25}\,\Phi_{10}^{18}\,\Phi_{6}^{21}\,\Phi_{5}^{19}\,\Phi_{4}^{25}\,\Phi_{3}^{21}\,\Phi_{2}^{20}\,\Phi_{1}^{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
80501	1287	852	$\frac{1}{71}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{70}{213}$	$\Phi_{852}^2\ \Phi_{426}^2\ \Phi_{213}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
80502	1287	870	$\frac{1}{58}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{19}{58}$	$\Phi_{870}^2\ \Phi_{435}^2\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{30}^2\ \Phi_{29}^2\ \Phi_{15}^3\ \Phi_6^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
80503	1287	882	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{16}{49}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{49}^2\ \Phi_{18}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_1^3$
80504	1287	784	$\frac{1}{49}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{16}{49}$	$\Phi_{784}^2\ \Phi_{392}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{49}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
80505	1287	172	$\frac{1}{43}$	$\frac{29}{172}$	$\frac{1}{4}$	$\frac{14}{43}$	$\Phi_{172}^7\ \Phi_{86}^7\ \Phi_{43}^9\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
80506	1287	420	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{67}{210}$	$\Phi_{420}^6\ \Phi_{210}^3\ \Phi_{105}^3\ \Phi_{84}^6\ \Phi_{60}^6\ \Phi_{42}^3\ \Phi_{30}^3\ \Phi_{21}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^6\ \Phi_{10}\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
80507	1287	304	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{6}{19}$	$\Phi_{304}^4\ \Phi_{152}^4\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{19}^6\ \Phi_{16}^6\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
80508	1287	228	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{228}^6\ \Phi_{114}^6\ \Phi_{76}^4\ \Phi_{57}^6\ \Phi_{38}^4\ \Phi_{19}^6\ \Phi_{12}^9\ \Phi_6^9\ \Phi_4^6\ \Phi_3^9\ \Phi_2^6\ \Phi_1^9$
80509	1287	760	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{6}{19}$	$\Phi_{760}^2\ \Phi_{380}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{19}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1^3$
80510	1287	643	$\frac{34}{643}$	$\frac{40}{643}$	$\frac{201}{643}$	$\frac{203}{643}$	$\Phi_{643}^2\ \Phi_1^3$
80511	1287	708	$\frac{7}{118}$	$\frac{1}{12}$	$\frac{27}{118}$	$\frac{37}{118}$	$\Phi_{708}^2\ \Phi_{354}^2\ \Phi_{236}^2\ \Phi_{177}^2\ \Phi_{118}\ \Phi_{59}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
80512	1287	112	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{112}^{12}\ \Phi_{56}^{12}\ \Phi_{28}^{14}\ \Phi_{16}^6\ \Phi_{14}^{13}\ \Phi_8^6\ \Phi_7^{13}\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
80513	1287	80	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{5}{16}$	$\Phi_{80}^{18}\ \Phi_{40}^{18}\ \Phi_{20}^{18}\ \Phi_{16}^9\ \Phi_{10}^{17}\ \Phi_8^9\ \Phi_5^{17}\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
80514	1287	700	$\frac{7}{100}$	$\frac{1}{14}$	$\frac{23}{100}$	$\frac{31}{100}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{140}^2\ \Phi_{100}\ \Phi_{70}^2\ \Phi_{50}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
80515	1287	643	$\frac{45}{643}$	$\frac{46}{643}$	$\frac{148}{643}$	$\frac{199}{643}$	$\Phi_{643}^2\ \Phi_1^3$
80516	1287	860	$\frac{27}{430}$	$\frac{31}{430}$	$\frac{1}{4}$	$\frac{133}{430}$	$\Phi_{860}^2\ \Phi_{430}\ \Phi_{215}\ \Phi_{172}^2\ \Phi_{86}\ \Phi_{43}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
80517	1287	643	$\frac{38}{643}$	$\frac{55}{643}$	$\frac{149}{643}$	$\frac{196}{643}$	$\Phi_{643}^2\ \Phi_1^3$
80518	1287	860	$\frac{23}{430}$	$\frac{37}{430}$	$\frac{1}{4}$	$\frac{131}{430}$	$\Phi_{860}^2\ \Phi_{430}\ \Phi_{215}\ \Phi_{172}^2\ \Phi_{86}\ \Phi_{43}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
80519	1287	300	$\frac{7}{150}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{300}^6\ \Phi_{150}^3\ \Phi_{100}^6\ \Phi_{75}^3\ \Phi_{60}^6\ \Phi_{50}^3\ \Phi_{30}^3\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^6\ \Phi_{10}\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
80520	1287	280	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^2\ \Phi_{56}^6\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{28}^6\ \Phi_{20}^3\ \Phi_{14}\ \Phi_{10}\ \Phi_8^3\ \Phi_7\ \Phi_5\ \Phi_4^3\ \Phi_1$
80521	1287	810	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{19}{162}$	$\frac{8}{27}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{90}^2\ \Phi_{81}\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
80522	1287	612	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{612}^4\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{68}^2\ \Phi_{36}^2\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_9\ \Phi_4\ \Phi_1$
80523	1287	630	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{126}^2\ \Phi_{90}^3\ \Phi_{63}^2\ \Phi_{45}^3\ \Phi_{35}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
80524	1287	1008	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{252}^2\ \Phi_{144}^2\ \Phi_{112}\ \Phi_{72}^2\ \Phi_{56}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
80525	1287	882	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{49}^2\ \Phi_{18}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_1^3$
80526	1287	180	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{180}^{12}\ \Phi_{90}^{10}\ \Phi_{60}^2\ \Phi_{45}^{10}\ \Phi_{36}^6\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^5\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9^5\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
80527	1287	120	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{120}^{15}\ \Phi_{60}^{14}\ \Phi_{40}^3\ \Phi_{30}^{14}\ \Phi_{24}^{15}\ \Phi_{20}^3\ \Phi_{15}^{15}\ \Phi_{12}^{14}\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^{14}\ \Phi_5^3\ \Phi_4^2\ \Phi_3^{15}\ \Phi_2^2\ \Phi_1^3$
80528	1287	435	$\frac{1}{29}$	$\frac{28}{145}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{435}^4\ \Phi_{145}\ \Phi_{87}^4\ \Phi_{15}^5\ \Phi_5\ \Phi_3^5\ \Phi_1$
80529	1287	435	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{435}^4\ \Phi_{87}^4\ \Phi_{29}^4\ \Phi_{15}^5\ \Phi_3^5\ \Phi_1^5$
80530	1287	210	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{210}^9\ \Phi_{105}^9\ \Phi_{70}^2\ \Phi_{42}^9\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{21}^9\ \Phi_{15}^5\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_6^4\ \Phi_5\ \Phi_3^5\ \Phi_1$
80531	1287	960	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{15}{64}$	$\frac{49}{192}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{240}^2\ \Phi_{192}\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
80532	1287	272	$\frac{1}{34}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{272}^6\ \Phi_{136}^6\ \Phi_{68}^2\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
80533	1287	284	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{284}^4\ \Phi_{142}^4\ \Phi_{71}^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
80534	1287	84	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{84}^{18}\ \Phi_{42}^{18}\ \Phi_{28}^{14}\ \Phi_{21}^{18}\ \Phi_{14}^{13}\ \Phi_{12}^9\ \Phi_7^{13}\ \Phi_6^9\ \Phi_4^7\ \Phi_3^9\ \Phi_2^6\ \Phi_1^7$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
80535	1287	560	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{131}{560}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
80536	1287	896	$\frac{1}{14}$	$\frac{3}{32}$	$\frac{29}{128}$	$\frac{1}{4}$	$\Phi_{896}^2\ \Phi_{448}^2\ \Phi_{128}\ \Phi_{64}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
80537	1287	300	$\frac{7}{150}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{300}^6\ \Phi_{150}^3\ \Phi_{100}^5\ \Phi_{75}^3\ \Phi_{60}^6\ \Phi_{50}^2\ \Phi_{30}^3\ \Phi_{25}^3\ \Phi_{20}^6\ \Phi_{15}^3\ \Phi_{12}^6\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^5\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
80538	1287	340	$\frac{4}{85}$	$\frac{27}{170}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{340}^5\ \Phi_{170}^2\ \Phi_{85}^3\ \Phi_{68}^5\ \Phi_{34}^2\ \Phi_{20}^6\ \Phi_{17}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
80539	1287	560	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{112}^2\ \Phi_{80}^3\ \Phi_{56}^2\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
80540	1287	112	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{112}^{11}\ \Phi_{56}^{11}\ \Phi_{28}^{13}\ \Phi_{16}^{12}\ \Phi_{14}^{12}\ \Phi_8^{12}\ \Phi_7^{12}\ \Phi_4^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
80541	1287	784	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{784}^2\ \Phi_{392}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{49}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
80542	1287	240	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{80}^6\ \Phi_{60}^2\ \Phi_{48}^4\ \Phi_{40}^6\ \Phi_{30}^2\ \Phi_{24}^4\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
80543	1287	280	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{40}^3\ \Phi_{35}^6\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{14}\ \Phi_{10}^3\ \Phi_7\ \Phi_5^3\ \Phi_4\ \Phi_1$
80544	1287	160	$\frac{1}{10}$	$\frac{17}{160}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{160}^9\ \Phi_{80}^9\ \Phi_{40}^9\ \Phi_{32}^9\ \Phi_{20}^2\ \Phi_{16}^9\ \Phi_{10}\ \Phi_8^9\ \Phi_5\ \Phi_4\ \Phi_1$
80545	1287	840	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{25}{168}$	$\frac{1}{4}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{60}^2\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
80546	1287	980	$\frac{1}{10}$	$\frac{61}{490}$	$\frac{9}{70}$	$\frac{1}{4}$	$\Phi_{980}^2\ \Phi_{490}\ \Phi_{245}\ \Phi_{196}^2\ \Phi_{98}\ \Phi_{49}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
80547	1287	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{180}$	$\Phi_{180}^9\ \Phi_{90}^5\ \Phi_{60}^9\ \Phi_{45}^6\ \Phi_{36}^9\ \Phi_{30}^5\ \Phi_{20}^9\ \Phi_{18}^5\ \Phi_{15}^6\ \Phi_{12}^9\ \Phi_{10}^4\ \Phi_9^5\ \Phi_6^5\ \Phi_5^5\ \Phi_4^9\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
80548	1288	321	$\frac{1}{321}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{160}{321}$	$\Phi_{321}^4\ \Phi_{107}^4\ \Phi_3^5\ \Phi_1^6$
80549	1288	1287	$\frac{5}{1287}$	$\frac{323}{1287}$	$\frac{482}{1287}$	$\frac{641}{1287}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}\ \Phi_{11}\ \Phi_9\ \Phi_3\ \Phi_1^2$
80550	1288	645	$\frac{1}{215}$	$\frac{54}{215}$	$\frac{1}{3}$	$\frac{107}{215}$	$\Phi_{645}^3\ \Phi_{129}^3\ \Phi_{15}^3\ \Phi_3^2$
80551	1288	732	$\frac{1}{183}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{91}{183}$	$\Phi_{732}^3\ \Phi_{244}^3\ \Phi_{183}\ \Phi_{61}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
80552	1288	549	$\frac{1}{183}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{91}{183}$	$\Phi_{549}^3\ \Phi_{183}\ \Phi_{61}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
80553	1288	2240	$\frac{1}{160}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{159}{320}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}^2\ \Phi_{64}^2\ \Phi_7\ \Phi_1^2$
80554	1288	960	$\frac{1}{160}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{159}{320}$	$\Phi_{960}^4\ \Phi_{192}^4\ \Phi_{15}$
80555	1288	286	$\frac{1}{143}$	$\frac{18}{143}$	$\frac{125}{286}$	$\frac{71}{143}$	$\Phi_{286}^8\ \Phi_{143}\ \Phi_{26}^8\ \Phi_{22}^8\ \Phi_{13}\ \Phi_{11}\ \Phi_2^8\ \Phi_1^2$
80556	1288	429	$\frac{1}{143}$	$\frac{107}{429}$	$\frac{36}{143}$	$\frac{71}{143}$	$\Phi_{429}^4\ \Phi_{143}\ \Phi_{39}^4\ \Phi_{33}^4\ \Phi_{13}\ \Phi_{11}\ \Phi_3^4\ \Phi_1^2$
80557	1288	387	$\frac{1}{129}$	$\frac{65}{387}$	$\frac{1}{3}$	$\frac{64}{129}$	$\Phi_{387}^4\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
80558	1288	639	$\frac{5}{639}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{317}{639}$	$\Phi_{639}^2\ \Phi_{213}^2\ \Phi_{71}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
80559	1288	585	$\frac{1}{117}$	$\frac{59}{585}$	$\frac{263}{585}$	$\frac{58}{117}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{117}^3\ \Phi_{65}^2\ \Phi_{45}^2\ \Phi_{39}^3\ \Phi_{15}^2\ \Phi_{13}^3\ \Phi_9^3\ \Phi_5^2\ \Phi_3^3\ \Phi_1^4$
80560	1288	319	$\frac{3}{319}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{158}{319}$	$\Phi_{319}^4\ \Phi_{29}^4\ \Phi_{11}^5\ \Phi_1^6$
80561	1288	297	$\frac{1}{99}$	$\frac{25}{297}$	$\frac{136}{297}$	$\frac{49}{99}$	$\Phi_{297}^4\ \Phi_{99}^5\ \Phi_{33}^5\ \Phi_{27}^4\ \Phi_{11}^5\ \Phi_9^5\ \Phi_3^5\ \Phi_1^6$
80562	1288	891	$\frac{1}{99}$	$\frac{50}{297}$	$\frac{247}{891}$	$\frac{49}{99}$	$\Phi_{891}^2\ \Phi_{99}\ \Phi_{81}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_9\ \Phi_3\ \Phi_1^2$
80563	1288	198	$\frac{1}{99}$	$\frac{37}{198}$	$\frac{25}{99}$	$\frac{49}{99}$	$\Phi_{198}^8\ \Phi_{99}^5\ \Phi_{66}^8\ \Phi_{33}^5\ \Phi_{22}^8\ \Phi_{18}^8\ \Phi_{11}^5\ \Phi_9^5\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
80564	1288	1275	$\frac{13}{1275}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{631}{1275}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{255}\ \Phi_{85}\ \Phi_{75}\ \Phi_{51}\ \Phi_{25}\ \Phi_{17}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
80565	1288	91	$\frac{1}{91}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{45}{91}$	$\Phi_{91}^{14}\ \Phi_{13}^{15}\ \Phi_7^{14}\ \Phi_1^{16}$
80566	1288	2184	$\frac{1}{91}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{45}{91}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}\ \Phi_{168}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
80567	1288	429	$\frac{5}{429}$	$\frac{31}{429}$	$\frac{199}{429}$	$\frac{212}{429}$	$\Phi_{429}^3\ \Phi_{143}^3\ \Phi_{39}^3\ \Phi_{33}^3\ \Phi_{13}^3\ \Phi_{11}^3\ \Phi_3^3\ \Phi_1^4$
80568	1288	954	$\frac{2}{159}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{157}{318}$	$\Phi_{954}^3\ \Phi_{318}^2\ \Phi_{106}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
80569	1288	1269	$\frac{19}{1269}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{625}{1269}$	$\Phi_{1269}\ \Phi_{423}\ \Phi_{141}\ \Phi_{47}\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
80570	1288	1480	$\frac{3}{185}$	$\frac{1}{8}$	$\frac{47}{185}$	$\frac{91}{185}$	$\Phi_{1480}\ \Phi_{740}\ \Phi_{370}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
80571	1288	220	$\frac{1}{55}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{27}{55}$	$\Phi_{220}^{11}\ \Phi_{55}\ \Phi_{44}^{12}\ \Phi_{20}^{11}\ \Phi_{11}\ \Phi_{5}\ \Phi_{4}^{12}\ \Phi_{1}^{2}$
80572	1288	165	$\frac{1}{55}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{27}{55}$	$\Phi_{165}^{11}\ \Phi_{55}\ \Phi_{33}^{12}\ \Phi_{15}^{11}\ \Phi_{11}\ \Phi_{5}\ \Phi_{3}^{12}\ \Phi_{1}^{2}$
80573	1288	216	$\frac{1}{54}$	$\frac{1}{9}$	$\frac{55}{216}$	$\frac{53}{108}$	$\Phi_{216}^{8}\ \Phi_{72}^{8}\ \Phi_{54}^{8}\ \Phi_{27}^{8}\ \Phi_{24}^{8}\ \Phi_{18}^{8}\ \Phi_{9}^{7}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
80574	1288	1287	$\frac{25}{1287}$	$\frac{137}{1287}$	$\frac{328}{1287}$	$\frac{631}{1287}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}\ \Phi_{11}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
80575	1288	645	$\frac{13}{645}$	$\frac{47}{645}$	$\frac{1}{3}$	$\frac{316}{645}$	$\Phi_{645}^{2}\ \Phi_{215}^{2}\ \Phi_{129}^{2}\ \Phi_{43}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
80576	1288	135	$\frac{1}{45}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{22}{45}$	$\Phi_{135}^{9}\ \Phi_{45}^{10}\ \Phi_{27}^{10}\ \Phi_{15}^{10}\ \Phi_{9}^{11}\ \Phi_{5}^{10}\ \Phi_{3}^{11}\ \Phi_{1}^{12}$
80577	1288	45	$\frac{1}{45}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{45}^{28}\ \Phi_{15}^{30}\ \Phi_{9}^{28}\ \Phi_{5}^{30}\ \Phi_{3}^{29}\ \Phi_{1}^{30}$
80578	1288	45	$\frac{1}{45}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{22}{45}$	$\Phi_{45}^{28}\ \Phi_{15}^{28}\ \Phi_{9}^{31}\ \Phi_{5}^{28}\ \Phi_{3}^{31}\ \Phi_{1}^{32}$
80579	1288	360	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{22}{45}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{4}\ \Phi_{90}^{4}\ \Phi_{72}^{4}\ \Phi_{60}^{4}\ \Phi_{40}^{5}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{5}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
80580	1288	1287	$\frac{29}{1287}$	$\frac{47}{1287}$	$\frac{620}{1287}$	$\frac{629}{1287}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}\ \Phi_{11}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
80581	1288	516	$\frac{1}{43}$	$\frac{11}{172}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{516}^{4}\ \Phi_{258}^{4}\ \Phi_{129}^{3}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}$
80582	1288	312	$\frac{1}{39}$	$\frac{5}{156}$	$\frac{151}{312}$	$\frac{19}{39}$	$\Phi_{312}^{8}\ \Phi_{104}^{8}\ \Phi_{39}\ \Phi_{24}^{8}\ \Phi_{13}\ \Phi_{8}^{8}\ \Phi_{3}\ \Phi_{1}^{2}$
80583	1288	234	$\frac{1}{39}$	$\frac{5}{78}$	$\frac{73}{234}$	$\frac{19}{39}$	$\Phi_{234}^{8}\ \Phi_{117}^{8}\ \Phi_{39}\ \Phi_{18}^{8}\ \Phi_{13}\ \Phi_{9}^{8}\ \Phi_{3}\ \Phi_{1}^{2}$
80584	1288	351	$\frac{1}{39}$	$\frac{29}{351}$	$\frac{10}{39}$	$\frac{19}{39}$	$\Phi_{351}^{4}\ \Phi_{117}^{4}\ \Phi_{39}\ \Phi_{27}^{4}\ \Phi_{13}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
80585	1288	195	$\frac{1}{39}$	$\frac{5}{39}$	$\frac{34}{195}$	$\frac{19}{39}$	$\Phi_{195}^{8}\ \Phi_{65}^{8}\ \Phi_{39}\ \Phi_{15}^{8}\ \Phi_{13}\ \Phi_{5}^{8}\ \Phi_{3}\ \Phi_{1}^{2}$
80586	1288	888	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{19}{111}$	$\frac{18}{37}$	$\Phi_{888}^{2}\ \Phi_{444}^{2}\ \Phi_{296}\ \Phi_{222}^{2}\ \Phi_{148}\ \Phi_{74}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
80587	1288	627	$\frac{17}{627}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{305}{627}$	$\Phi_{627}^{2}\ \Phi_{209}^{2}\ \Phi_{57}^{2}\ \Phi_{33}^{3}\ \Phi_{19}^{2}\ \Phi_{11}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
80588	1288	312	$\frac{5}{156}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{151}{312}$	$\Phi_{312}^{8}\ \Phi_{104}^{8}\ \Phi_{24}^{8}\ \Phi_{13}^{3}\ \Phi_{8}^{8}\ \Phi_{1}^{4}$
80589	1288	312	$\frac{5}{156}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{151}{312}$	$\Phi_{312}^{8}\ \Phi_{104}^{8}\ \Phi_{39}\ \Phi_{24}^{8}\ \Phi_{13}\ \Phi_{8}^{8}\ \Phi_{3}\ \Phi_{1}^{2}$
80590	1288	936	$\frac{5}{156}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{151}{312}$	$\Phi_{936}^{3}\ \Phi_{312}^{2}\ \Phi_{104}^{2}\ \Phi_{72}^{3}\ \Phi_{24}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
80591	1288	465	$\frac{1}{31}$	$\frac{1}{15}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{465}^{3}\ \Phi_{155}^{3}\ \Phi_{93}^{3}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}$
80592	1288	1287	$\frac{43}{1287}$	$\frac{95}{1287}$	$\frac{298}{1287}$	$\frac{622}{1287}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}\ \Phi_{11}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
80593	1288	216	$\frac{1}{27}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{216}^{6}\ \Phi_{108}^{6}\ \Phi_{72}^{6}\ \Phi_{54}^{6}\ \Phi_{36}^{6}\ \Phi_{27}^{4}\ \Phi_{24}^{8}\ \Phi_{18}^{6}\ \Phi_{12}^{8}\ \Phi_{9}^{4}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
80594	1288	270	$\frac{1}{27}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{13}{27}$	$\Phi_{270}^{6}\ \Phi_{135}^{3}\ \Phi_{90}^{6}\ \Phi_{54}^{6}\ \Phi_{45}^{3}\ \Phi_{30}^{8}\ \Phi_{27}^{4}\ \Phi_{18}^{6}\ \Phi_{15}^{4}\ \Phi_{10}^{8}\ \Phi_{9}^{4}\ \Phi_{6}^{8}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
80595	1288	675	$\frac{1}{27}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{13}{27}$	$\Phi_{675}^{2}\ \Phi_{225}^{2}\ \Phi_{135}\ \Phi_{75}^{2}\ \Phi_{45}\ \Phi_{27}^{2}\ \Phi_{25}^{4}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
80596	1288	27	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{13}{27}$	$\Phi_{27}^{48}\ \Phi_{9}^{47}\ \Phi_{3}^{47}\ \Phi_{1}^{48}$
80597	1288	1480	$\frac{7}{185}$	$\frac{1}{8}$	$\frac{24}{185}$	$\frac{89}{185}$	$\Phi_{1480}\ \Phi_{740}\ \Phi_{370}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
80598	1288	1287	$\frac{49}{1287}$	$\frac{160}{1287}$	$\frac{167}{1287}$	$\frac{619}{1287}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}\ \Phi_{11}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
80599	1288	1615	$\frac{13}{323}$	$\frac{24}{323}$	$\frac{1}{5}$	$\frac{155}{323}$	$\Phi_{1615}\ \Phi_{95}\ \Phi_{85}$
80600	1288	1287	$\frac{53}{1287}$	$\frac{68}{1287}$	$\frac{335}{1287}$	$\frac{617}{1287}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}\ \Phi_{11}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
80601	1288	645	$\frac{8}{215}$	$\frac{9}{215}$	$\frac{1}{3}$	$\frac{103}{215}$	$\Phi_{645}^{3}\ \Phi_{129}^{3}\ \Phi_{15}^{3}\ \Phi_{3}^{2}$
80602	1288	1235	$\frac{53}{1235}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{591}{1235}$	$\Phi_{1235}\ \Phi_{247}\ \Phi_{95}\ \Phi_{65}^{2}\ \Phi_{19}\ \Phi_{13}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
80603	1288	3828	$\frac{1}{29}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{3828}\ \Phi_{348}\ \Phi_{87}$
80604	1288	220	$\frac{1}{22}$	$\frac{3}{55}$	$\frac{13}{55}$	$\frac{21}{44}$	$\Phi_{220}^{11}\ \Phi_{55}\ \Phi_{44}^{12}\ \Phi_{20}^{11}\ \Phi_{11}\ \Phi_{5}\ \Phi_{4}^{12}\ \Phi_{1}^{2}$
80605	1288	660	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{660}^{4}\ \Phi_{220}^{3}\ \Phi_{132}^{4}\ \Phi_{60}^{4}\ \Phi_{44}^{4}\ \Phi_{20}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
80606	1288	132	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{21}{44}$	$\Phi_{132}^{22}\ \Phi_{44}^{12}\ \Phi_{33}^{2}\ \Phi_{12}^{22}\ \Phi_{11}\ \Phi_{4}^{12}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
80607	1288	220	$\frac{1}{22}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{21}{44}$	$\Phi_{220}^{11}\ \Phi_{55}\ \Phi_{44}^{12}\ \Phi_{20}^{11}\ \Phi_{11}\ \Phi_{5}\ \Phi_{4}^{12}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
80608	1288	792	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{21}{44}$	$\Phi_{792}^2\ \Phi_{396}\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{99}^2\ \Phi_{72}^3\ \Phi_{66}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
80609	1288	195	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{34}{195}$	$\frac{31}{65}$	$\Phi_{195}^8\ \Phi_{65}^4\ \Phi_{39}^8\ \Phi_{15}^8\ \Phi_{13}^3\ \Phi_5^4\ \Phi_3^8\ \Phi_1^4$
80610	1288	1530	$\frac{8}{153}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{145}{306}$	$\Phi_{1530}^2\ \Phi_{510}^2\ \Phi_{170}^2\ \Phi_{90}^2\ \Phi_{85}\ \Phi_{30}^2\ \Phi_{10}^2$
80611	1288	306	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{145}{306}$	$\Phi_{306}^8\ \Phi_{102}^8\ \Phi_{34}^8\ \Phi_{18}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
80612	1288	456	$\frac{1}{24}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{152}^3\ \Phi_{114}^3\ \Phi_{76}^3\ \Phi_{57}^3\ \Phi_{38}^3\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2$
80613	1288	855	$\frac{1}{19}$	$\frac{10}{171}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{95}\ \Phi_{45}^2\ \Phi_{15}^2$
80614	1288	180	$\frac{1}{18}$	$\frac{19}{180}$	$\frac{1}{9}$	$\frac{17}{36}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^8\ \Phi_{45}^8\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{18}^8\ \Phi_{15}^8\ \Phi_{10}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_5^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
80615	1288	170	$\frac{9}{170}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{170}^8\ \Phi_{85}^7\ \Phi_{34}^8\ \Phi_{17}^8\ \Phi_{10}^8\ \Phi_5^6\ \Phi_2^8\ \Phi_1^8$
80616	1288	1520	$\frac{1}{19}$	$\frac{9}{152}$	$\frac{1}{5}$	$\frac{143}{304}$	$\Phi_{1520}^2\ \Phi_{95}\ \Phi_{80}^2$
80617	1288	1215	$\frac{73}{1215}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{571}{1215}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}\ \Phi_{81}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
80618	1288	165	$\frac{4}{165}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{165}^8\ \Phi_{55}^8\ \Phi_{33}^8\ \Phi_{15}^6\ \Phi_{11}^8\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
80619	1288	1287	$\frac{41}{1287}$	$\frac{89}{1287}$	$\frac{344}{1287}$	$\frac{599}{1287}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}\ \Phi_{11}\ \Phi_9\ \Phi_3\ \Phi_1^2$
80620	1288	129	$\frac{1}{43}$	$\frac{3}{43}$	$\frac{1}{3}$	$\frac{20}{43}$	$\Phi_{129}^{15}\ \Phi_3^{14}$
80621	1288	1833	$\frac{1}{47}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1833}\ \Phi_{141}^2$
80622	1288	91	$\frac{3}{91}$	$\frac{1}{13}$	$\frac{22}{91}$	$\frac{6}{13}$	$\Phi_{91}^{14}\ \Phi_{13}^{15}\ \Phi_7^{14}\ \Phi_1^{16}$
80623	1288	1560	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2$
80624	1288	637	$\frac{3}{49}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{637}^2\ \Phi_{91}\ \Phi_{49}^4\ \Phi_{13}^2\ \Phi_7^2\ \Phi_1^4$
80625	1288	26	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{6}{13}$	$\Phi_{26}^{56}\ \Phi_{13}^{43}\ \Phi_2^{56}\ \Phi_1^{44}$
80626	1288	297	$\frac{1}{33}$	$\frac{25}{297}$	$\frac{8}{33}$	$\frac{136}{297}$	$\Phi_{297}^4\ \Phi_{99}^4\ \Phi_{33}^7\ \Phi_{27}^4\ \Phi_{11}^7\ \Phi_9^4\ \Phi_3^7\ \Phi_1^8$
80627	1288	297	$\frac{2}{27}$	$\frac{25}{297}$	$\frac{1}{9}$	$\frac{136}{297}$	$\Phi_{297}^4\ \Phi_{99}^4\ \Phi_{33}^4\ \Phi_{27}^8\ \Phi_{11}^4\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
80628	1288	957	$\frac{6}{319}$	$\frac{1}{11}$	$\frac{313}{957}$	$\frac{5}{11}$	$\Phi_{957}^2\ \Phi_{87}^2\ \Phi_{33}^2\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
80629	1288	165	$\frac{4}{165}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{165}^8\ \Phi_{55}^8\ \Phi_{33}^8\ \Phi_{15}^8\ \Phi_{11}^5\ \Phi_5^8\ \Phi_3^8\ \Phi_1^6$
80630	1288	798	$\frac{1}{57}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{798}^3\ \Phi_{266}^3\ \Phi_{114}^3\ \Phi_{57}^2\ \Phi_{42}^2\ \Phi_{38}^3\ \Phi_{19}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
80631	1288	585	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{59}{585}$	$\frac{263}{585}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{117}^2\ \Phi_{65}^4\ \Phi_{45}^2\ \Phi_{39}^2\ \Phi_{15}^2\ \Phi_{13}^3\ \Phi_9^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
80632	1288	1363	$\frac{1}{47}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	Φ_{1363}
80633	1288	1287	$\frac{31}{1287}$	$\frac{139}{1287}$	$\frac{314}{1287}$	$\frac{574}{1287}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}\ \Phi_{11}\ \Phi_9\ \Phi_3\ \Phi_1^2$
80634	1288	1161	$\frac{2}{129}$	$\frac{127}{1161}$	$\frac{1}{3}$	$\frac{517}{1161}$	$\Phi_{1161}\ \Phi_{387}\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
80635	1288	165	$\frac{1}{33}$	$\frac{19}{165}$	$\frac{32}{165}$	$\frac{73}{165}$	$\Phi_{165}^8\ \Phi_{55}^8\ \Phi_{33}^7\ \Phi_{15}^8\ \Phi_{11}^7\ \Phi_5^8\ \Phi_3^7\ \Phi_1^8$
80636	1288	288	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{17}{144}$	$\frac{127}{288}$	$\Phi_{288}^8\ \Phi_{96}^8\ \Phi_{32}^8\ \Phi_{18}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
80637	1288	198	$\frac{1}{33}$	$\frac{4}{33}$	$\frac{37}{198}$	$\frac{29}{66}$	$\Phi_{198}^8\ \Phi_{99}^8\ \Phi_{33}^7\ \Phi_{18}^8\ \Phi_{11}^7\ \Phi_9^8\ \Phi_3^7\ \Phi_1^8$
80638	1288	456	$\frac{1}{24}$	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{25}{57}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{152}^3\ \Phi_{114}^3\ \Phi_{76}^3\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{24}^2\ \Phi_{19}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
80639	1288	1824	$\frac{1}{57}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{38}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
80640	1288	286	$\frac{7}{143}$	$\frac{17}{143}$	$\frac{18}{143}$	$\frac{125}{286}$	$\Phi_{286}^8\ \Phi_{143}\ \Phi_{26}^8\ \Phi_{22}^8\ \Phi_{13}\ \Phi_{11}\ \Phi_2^8\ \Phi_1^2$
80641	1288	99	$\frac{7}{99}$	$\frac{8}{99}$	$\frac{13}{99}$	$\frac{43}{99}$	$\Phi_{99}^{13}\ \Phi_{33}^{13}\ \Phi_{11}^{13}\ \Phi_9^{13}\ \Phi_3^{13}\ \Phi_1^{14}$
80642	1288	81	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{11}{81}$	$\frac{35}{81}$	$\Phi_{81}^{16}\ \Phi_{27}^{16}\ \Phi_9^{15}\ \Phi_3^{15}\ \Phi_1^{16}$
80643	1288	429	$\frac{16}{429}$	$\frac{59}{429}$	$\frac{61}{429}$	$\frac{185}{429}$	$\Phi_{429}^3\ \Phi_{143}^3\ \Phi_{39}^3\ \Phi_{33}^3\ \Phi_{13}^3\ \Phi_{11}^3\ \Phi_3^3\ \Phi_1^4$
80644	1288	1615	$\frac{8}{323}$	$\frac{45}{323}$	$\frac{1}{5}$	$\frac{139}{323}$	$\Phi_{1615}\ \Phi_{95}\ \Phi_{85}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
80645	1288	1287	$\frac{20}{1287}$	$\frac{181}{1287}$	$\frac{367}{1287}$	$\frac{553}{1287}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}\ \Phi_{11}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
80646	1288	645	$\frac{8}{645}$	$\frac{91}{645}$	$\frac{1}{3}$	$\frac{277}{645}$	$\Phi_{645}^2\ \Phi_{215}^2\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
80647	1288	1680	$\frac{1}{80}$	$\frac{1}{7}$	$\frac{79}{240}$	$\frac{3}{7}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}^2\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
80648	1288	1148	$\frac{3}{164}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1148}\ \Phi_{574}\ \Phi_{287}\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{7}\ \Phi_{1}^2$
80649	1288	1155	$\frac{4}{165}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}^2\ \Phi_{105}\ \Phi_{77}\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{7}\ \Phi_{3}^2\ \Phi_{1}^2$
80650	1288	1400	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{39}{200}$	$\frac{3}{7}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{200}^2\ \Phi_{175}\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{7}\ \Phi_{1}^2$
80651	1288	1344	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{31}{192}$	$\frac{3}{7}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{192}^2\ \Phi_{168}\ \Phi_{96}^2\ \Phi_{84}\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
80652	1288	560	$\frac{3}{80}$	$\frac{11}{80}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}^2\ \Phi_{80}^4\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^4\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{7}^3\ \Phi_{5}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
80653	1288	168	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{168}^7\ \Phi_{84}^7\ \Phi_{56}^6\ \Phi_{42}^7\ \Phi_{28}^6\ \Phi_{24}^{14}\ \Phi_{21}^7\ \Phi_{14}^6\ \Phi_{12}^{14}\ \Phi_{8}^{12}\ \Phi_{7}^7\ \Phi_{6}^{14}\ \Phi_{4}^{12}\ \Phi_{3}^{14}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
80654	1288	1260	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
80655	1288	1190	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{238}\ \Phi_{170}^2\ \Phi_{119}\ \Phi_{85}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{7}\ \Phi_{1}^2$
80656	1288	1232	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{176}^2\ \Phi_{154}\ \Phi_{88}^2\ \Phi_{77}\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{7}\ \Phi_{1}^2$
80657	1288	2280	$\frac{1}{57}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{120}\ \Phi_{114}\ \Phi_{76}\ \Phi_{38}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
80658	1288	372	$\frac{1}{93}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{372}^6\ \Phi_{124}^6\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{12}^4\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{1}^2$
80659	1288	732	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{15}{61}$	$\frac{5}{12}$	$\Phi_{732}^3\ \Phi_{244}^3\ \Phi_{61}^3\ \Phi_{12}^4\ \Phi_{4}^4\ \Phi_{1}^4$
80660	1288	2820	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{2820}\ \Phi_{940}\ \Phi_{235}$
80661	1288	732	$\frac{7}{183}$	$\frac{22}{183}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{732}^3\ \Phi_{244}^3\ \Phi_{183}\ \Phi_{61}\ \Phi_{12}^4\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{1}^2$
80662	1288	72	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{72}^{21}\ \Phi_{36}^{18}\ \Phi_{24}^{14}\ \Phi_{18}^{21}\ \Phi_{12}^{12}\ \Phi_{9}^{20}\ \Phi_{8}^{14}\ \Phi_{6}^{14}\ \Phi_{4}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
80663	1288	270	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{26}{135}$	$\frac{109}{270}$	$\Phi_{270}^8\ \Phi_{90}^8\ \Phi_{54}^8\ \Phi_{30}^8\ \Phi_{27}^8\ \Phi_{18}^8\ \Phi_{10}^8\ \Phi_{9}^7\ \Phi_{6}^8\ \Phi_{3}^7\ \Phi_{2}^8\ \Phi_{1}^8$
80664	1288	975	$\frac{3}{325}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{975}^2\ \Phi_{195}^2\ \Phi_{75}^2\ \Phi_{39}^2\ \Phi_{15}$
80665	1288	930	$\frac{1}{93}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{930}^2\ \Phi_{465}\ \Phi_{310}^2\ \Phi_{186}^2\ \Phi_{155}\ \Phi_{62}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{6}^2$
80666	1288	760	$\frac{3}{95}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{760}^2\ \Phi_{380}^2\ \Phi_{190}^2\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{40}\ \Phi_{38}^2\ \Phi_{20}\ \Phi_{10}$
80667	1288	165	$\frac{4}{165}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{165}^8\ \Phi_{55}^8\ \Phi_{33}^7\ \Phi_{15}^8\ \Phi_{11}^7\ \Phi_{5}^8\ \Phi_{3}^7\ \Phi_{1}^8$
80668	1288	1287	$\frac{34}{1287}$	$\frac{179}{1287}$	$\frac{277}{1287}$	$\frac{505}{1287}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}\ \Phi_{11}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
80669	1288	264	$\frac{1}{33}$	$\frac{4}{33}$	$\frac{29}{132}$	$\frac{103}{264}$	$\Phi_{264}^8\ \Phi_{88}^8\ \Phi_{33}^7\ \Phi_{24}^8\ \Phi_{11}^7\ \Phi_{8}^8\ \Phi_{3}^7\ \Phi_{1}^8$
80670	1288	1053	$\frac{1}{117}$	$\frac{235}{1053}$	$\frac{116}{351}$	$\frac{409}{1053}$	$\Phi_{1053}\ \Phi_{351}^2\ \Phi_{117}\ \Phi_{81}\ \Phi_{39}\ \Phi_{27}^2\ \Phi_{13}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
80671	1288	456	$\frac{1}{24}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{152}^3\ \Phi_{114}^3\ \Phi_{76}^3\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{24}^2\ \Phi_{19}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
80672	1288	169	$\frac{8}{169}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{169}^8\ \Phi_{13}^3\ \Phi_{1}^4$
80673	1288	260	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{31}{130}$	$\frac{99}{260}$	$\Phi_{260}^8\ \Phi_{65}^4\ \Phi_{52}^8\ \Phi_{20}^8\ \Phi_{13}^3\ \Phi_{5}^4\ \Phi_{4}^8\ \Phi_{1}^4$
80674	1288	429	$\frac{17}{429}$	$\frac{38}{429}$	$\frac{103}{429}$	$\frac{163}{429}$	$\Phi_{429}^3\ \Phi_{143}^3\ \Phi_{39}^3\ \Phi_{33}^3\ \Phi_{13}^3\ \Phi_{11}^3\ \Phi_{3}^3\ \Phi_{1}^4$
80675	1288	296	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{9}{37}$	$\frac{14}{37}$	$\Phi_{296}^5\ \Phi_{148}^5\ \Phi_{74}^5\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{2}^4$
80676	1288	234	$\frac{1}{117}$	$\frac{29}{117}$	$\frac{73}{234}$	$\frac{44}{117}$	$\Phi_{234}^8\ \Phi_{117}^3\ \Phi_{78}^8\ \Phi_{39}^3\ \Phi_{26}^8\ \Phi_{18}^8\ \Phi_{13}^3\ \Phi_{9}^3\ \Phi_{6}^8\ \Phi_{3}^3\ \Phi_{2}^8\ \Phi_{1}^4$
80677	1288	258	$\frac{1}{129}$	$\frac{32}{129}$	$\frac{1}{3}$	$\frac{97}{258}$	$\Phi_{258}^8\ \Phi_{129}^2\ \Phi_{86}^8\ \Phi_{43}^2\ \Phi_{6}^8\ \Phi_{3}\ \Phi_{2}^8\ \Phi_{1}^2$
80678	1288	684	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{684}^3\ \Phi_{228}^3\ \Phi_{114}^3\ \Phi_{76}^3\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{36}^2\ \Phi_{19}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
80679	1288	143	$\frac{3}{143}$	$\frac{20}{143}$	$\frac{41}{143}$	$\frac{51}{143}$	$\Phi_{143}^{9}\ \Phi_{13}^{9}\ \Phi_{11}^{9}\ \Phi_{1}^{10}$
80680	1288	495	$\frac{1}{33}$	$\frac{16}{165}$	$\frac{149}{495}$	$\frac{173}{495}$	$\Phi_{495}^{2}\ \Phi_{165}^{4}\ \Phi_{99}^{2}\ \Phi_{55}^{4}\ \Phi_{45}^{2}\ \Phi_{33}^{3}\ \Phi_{15}^{4}\ \Phi_{11}^{3}\ \Phi_{9}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
80681	1288	975	$\frac{12}{325}$	$\frac{1}{13}$	$\frac{313}{975}$	$\frac{331}{975}$	$\Phi_{975}\ \Phi_{325}^{2}\ \Phi_{195}\ \Phi_{75}\ \Phi_{65}^{2}\ \Phi_{39}\ \Phi_{25}^{2}\ \Phi_{15}\ \Phi_{13}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
80682	1288	243	$\frac{2}{81}$	$\frac{1}{9}$	$\frac{79}{243}$	$\frac{82}{243}$	$\Phi_{243}^{4}\ \Phi_{81}^{8}\ \Phi_{27}^{8}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
80683	1288	162	$\frac{1}{162}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{162}^{8}\ \Phi_{81}^{8}\ \Phi_{54}^{8}\ \Phi_{27}^{8}\ \Phi_{18}^{8}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
80684	1288	963	$\frac{2}{321}$	$\frac{319}{963}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{963}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
80685	1288	642	$\frac{1}{107}$	$\frac{53}{214}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{642}^{2}\ \Phi_{321}\ \Phi_{214}^{4}\ \Phi_{107}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
80686	1288	279	$\frac{1}{93}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{279}^{6}\ \Phi_{93}^{2}\ \Phi_{31}^{2}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
80687	1288	321	$\frac{2}{107}$	$\frac{15}{107}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{321}^{3}\ \Phi_{107}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
80688	1288	1128	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{376}^{2}\ \Phi_{282}\ \Phi_{188}^{2}\ \Phi_{94}^{2}$
80689	1288	321	$\frac{13}{321}$	$\frac{22}{321}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{321}^{4}\ \Phi_{107}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
80690	1288	120	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^{12}\ \Phi_{30}^{12}\ \Phi_{24}^{8}\ \Phi_{20}^{12}\ \Phi_{15}^{8}\ \Phi_{12}^{8}\ \Phi_{10}^{12}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
80691	1288	549	$\frac{2}{183}$	$\frac{2}{9}$	$\frac{181}{549}$	$\frac{1}{3}$	$\Phi_{549}^{2}\ \Phi_{183}^{3}\ \Phi_{61}^{3}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
80692	1288	240	$\frac{1}{80}$	$\frac{1}{5}$	$\frac{79}{240}$	$\frac{1}{3}$	$\Phi_{240}^{4}\ \Phi_{120}^{4}\ \Phi_{80}^{8}\ \Phi_{60}^{4}\ \Phi_{48}^{4}\ \Phi_{40}^{8}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{8}\ \Phi_{16}^{8}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{6}^{4}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
80693	1288	387	$\frac{2}{129}$	$\frac{65}{387}$	$\frac{127}{387}$	$\frac{1}{3}$	$\Phi_{387}^{3}\ \Phi_{129}^{4}\ \Phi_{43}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
80694	1288	135	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{135}^{14}\ \Phi_{27}^{14}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
80695	1288	675	$\frac{31}{675}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{675}^{2}\ \Phi_{225}^{2}\ \Phi_{135}^{2}\ \Phi_{75}^{2}\ \Phi_{27}^{2}\ \Phi_{25}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
80696	1288	648	$\frac{1}{24}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{648}^{3}\ \Phi_{324}^{3}\ \Phi_{162}^{3}\ \Phi_{81}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
80697	1288	957	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{957}\ \Phi_{319}^{2}\ \Phi_{87}^{2}\ \Phi_{29}^{2}$
80698	1288	129	$\frac{1}{43}$	$\frac{6}{43}$	$\frac{37}{129}$	$\frac{1}{3}$	$\Phi_{129}^{8}\ \Phi_{43}^{14}\ \Phi_{3}^{7}\ \Phi_{1}^{14}$
80699	1288	2460	$\frac{3}{164}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{615}\ \Phi_{15}$
80700	1288	549	$\frac{1}{61}$	$\frac{2}{9}$	$\frac{15}{61}$	$\frac{1}{3}$	$\Phi_{549}^{3}\ \Phi_{61}^{3}\ \Phi_{9}^{4}\ \Phi_{1}^{4}$
80701	1288	2184	$\frac{3}{91}$	$\frac{1}{8}$	$\frac{22}{91}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}\ \Phi_{168}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{42}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
80702	1288	129	$\frac{5}{129}$	$\frac{14}{129}$	$\frac{31}{129}$	$\frac{1}{3}$	$\Phi_{129}^{10}\ \Phi_{43}^{10}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
80703	1288	30	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{30}^{56}\ \Phi_{15}^{30}\ \Phi_{10}^{56}\ \Phi_{6}^{56}\ \Phi_{5}^{30}\ \Phi_{3}^{29}\ \Phi_{2}^{56}\ \Phi_{1}^{30}$
80704	1288	516	$\frac{11}{172}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{516}^{4}\ \Phi_{258}^{4}\ \Phi_{129}^{3}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}$
80705	1288	2115	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2115}\ \Phi_{235}$
80706	1288	549	$\frac{7}{183}$	$\frac{22}{183}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{549}^{3}\ \Phi_{183}\ \Phi_{61}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
80707	1288	72	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{72}^{18}\ \Phi_{36}^{18}\ \Phi_{24}^{20}\ \Phi_{18}^{18}\ \Phi_{12}^{20}\ \Phi_{9}^{12}\ \Phi_{8}^{20}\ \Phi_{6}^{20}\ \Phi_{4}^{20}\ \Phi_{3}^{13}\ \Phi_{2}^{20}\ \Phi_{1}^{14}$
80708	1288	495	$\frac{1}{15}$	$\frac{7}{99}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{495}^{3}\ \Phi_{165}^{3}\ \Phi_{99}^{2}\ \Phi_{55}^{3}\ \Phi_{33}^{2}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
80709	1288	645	$\frac{22}{645}$	$\frac{89}{645}$	$\frac{139}{645}$	$\frac{1}{3}$	$\Phi_{645}^{2}\ \Phi_{215}^{2}\ \Phi_{129}^{2}\ \Phi_{43}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
80710	1288	165	$\frac{4}{165}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{165}^{8}\ \Phi_{55}^{8}\ \Phi_{33}^{8}\ \Phi_{15}^{5}\ \Phi_{11}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
80711	1288	600	$\frac{1}{40}$	$\frac{39}{200}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{600}^{4}\ \Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{75}^{4}\ \Phi_{15}$
80712	1288	960	$\frac{1}{32}$	$\frac{31}{192}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{960}^{2}\ \Phi_{480}\ \Phi_{320}^{2}\ \Phi_{240}\ \Phi_{160}^{2}\ \Phi_{120}\ \Phi_{80}^{2}\ \Phi_{60}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$
80713	1288	240	$\frac{3}{80}$	$\frac{11}{80}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{60}^{8}\ \Phi_{48}^{8}\ \Phi_{30}^{8}\ \Phi_{24}^{8}\ \Phi_{15}^{9}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{8}$
80714	1288	120	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{120}^{13}\ \Phi_{60}^{13}\ \Phi_{40}^{14}\ \Phi_{30}^{13}\ \Phi_{20}^{14}\ \Phi_{15}^{14}\ \Phi_{10}^{14}\ \Phi_{5}^{14}$
80715	1288	180	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{180}^{8}\ \Phi_{90}^{8}\ \Phi_{60}^{4}\ \Phi_{45}^{8}\ \Phi_{36}^{8}\ \Phi_{30}^{4}\ \Phi_{20}^{8}\ \Phi_{18}^{8}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{10}^{8}\ \Phi_{9}^{8}\ \Phi_{6}^{4}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
80716	1288	510	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{102}^4\ \Phi_{51}^4\ \Phi_{15}$
80717	1288	2640	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{15}$
80718	1288	75	$\frac{1}{15}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{75}^{18}\ \Phi_{25}^{20}\ \Phi_{15}^{11}\ \Phi_{5}^{12}\ \Phi_{3}^{10}\ \Phi_{1}^{12}$
80719	1288	675	$\frac{31}{675}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}^2\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
80720	1288	765	$\frac{13}{255}$	$\frac{2}{15}$	$\frac{121}{765}$	$\frac{1}{3}$	$\Phi_{765}^2\ \Phi_{255}\ \Phi_{153}^2\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
80721	1288	180	$\frac{1}{15}$	$\frac{19}{180}$	$\frac{7}{45}$	$\frac{1}{3}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^8\ \Phi_{45}^4\ \Phi_{36}^8\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{18}^8\ \Phi_{15}^6\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_{9}^4\ \Phi_{6}^8\ \Phi_{5}^6\ \Phi_{4}^8\ \Phi_{3}^5\ \Phi_{2}^8\ \Phi_{1}^6$
80722	1288	135	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{135}^{12}\ \Phi_{45}^6\ \Phi_{27}^8\ \Phi_{15}^8\ \Phi_{9}^4\ \Phi_{5}^8\ \Phi_{3}^5\ \Phi_{1}^6$
80723	1288	1176	$\frac{3}{49}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{294}^2\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
80724	1288	105	$\frac{1}{15}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{105}^{14}\ \Phi_{35}^{14}\ \Phi_{21}^{14}\ \Phi_{15}^2\ \Phi_{7}^{14}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
80725	1288	312	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{312}^7\ \Phi_{156}^7\ \Phi_{78}^3\ \Phi_{39}^4\ \Phi_{24}^8\ \Phi_{12}^8\ \Phi_{6}^4\ \Phi_{3}^4$
80726	1288	165	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{53}{165}$	$\Phi_{165}^6\ \Phi_{55}^{11}\ \Phi_{33}^7\ \Phi_{15}^6\ \Phi_{11}^{11}\ \Phi_{5}^{11}\ \Phi_{3}^7\ \Phi_{1}^{12}$
80727	1288	1080	$\frac{2}{45}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{43}{135}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
80728	1288	255	$\frac{1}{17}$	$\frac{5}{51}$	$\frac{1}{5}$	$\frac{16}{51}$	$\Phi_{255}^6\ \Phi_{85}^7\ \Phi_{15}^6\ \Phi_{5}^6$
80729	1288	234	$\frac{5}{78}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{73}{234}$	$\Phi_{234}^8\ \Phi_{117}^8\ \Phi_{18}^8\ \Phi_{13}^3\ \Phi_{9}^8\ \Phi_{1}^4$
80730	1288	234	$\frac{5}{78}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{73}{234}$	$\Phi_{234}^8\ \Phi_{117}^8\ \Phi_{39}\ \Phi_{18}^8\ \Phi_{13}\ \Phi_{9}^8\ \Phi_{3}\ \Phi_{1}^2$
80731	1288	234	$\frac{5}{78}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{73}{234}$	$\Phi_{234}^5\ \Phi_{117}^5\ \Phi_{78}^6\ \Phi_{39}^6\ \Phi_{26}^6\ \Phi_{18}^8\ \Phi_{13}^6\ \Phi_{9}^7\ \Phi_{6}^8\ \Phi_{3}^7\ \Phi_{2}^8\ \Phi_{1}^8$
80732	1288	130	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{9}{65}$	$\frac{4}{13}$	$\Phi_{130}^{13}\ \Phi_{65}^{10}\ \Phi_{26}^4\ \Phi_{13}^3\ \Phi_{10}^{13}\ \Phi_{5}^{10}\ \Phi_{2}^4\ \Phi_{1}^4$
80733	1288	165	$\frac{3}{55}$	$\frac{1}{11}$	$\frac{13}{55}$	$\frac{10}{33}$	$\Phi_{165}^{11}\ \Phi_{55}\ \Phi_{33}^{12}\ \Phi_{15}^{11}\ \Phi_{11}\ \Phi_{5}\ \Phi_{3}^{12}\ \Phi_{1}^2$
80734	1288	165	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{165}^7\ \Phi_{55}^8\ \Phi_{33}^8\ \Phi_{15}^{11}\ \Phi_{11}^8\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
80735	1288	33	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{10}{33}$	$\Phi_{33}^{36}\ \Phi_{11}^{45}\ \Phi_{3}^{36}\ \Phi_{1}^{46}$
80736	1288	165	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{10}{33}$	$\Phi_{165}^{11}\ \Phi_{55}\ \Phi_{33}^{12}\ \Phi_{15}^{11}\ \Phi_{11}\ \Phi_{5}\ \Phi_{3}^{12}\ \Phi_{1}^2$
80737	1288	792	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{10}{33}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{72}^3\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{36}^3\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{2}^2$
80738	1288	195	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{34}{195}$	$\frac{59}{195}$	$\Phi_{195}^6\ \Phi_{65}^8\ \Phi_{39}^6\ \Phi_{15}^6\ \Phi_{13}^7\ \Phi_{5}^8\ \Phi_{3}^6\ \Phi_{1}^8$
80739	1288	729	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{85}{729}$	$\frac{73}{243}$	$\Phi_{729}^2\ \Phi_{243}\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
80740	1288	2295	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{1}{5}$	$\frac{137}{459}$	$\Phi_{2295}\ \Phi_{135}\ \Phi_{85}$
80741	1288	1140	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{1}{5}$	$\frac{67}{228}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{285}^2\ \Phi_{95}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^2$
80742	1288	78	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{2}{13}$	$\frac{11}{39}$	$\Phi_{78}^{26}\ \Phi_{39}^{20}\ \Phi_{26}^4\ \Phi_{13}^3\ \Phi_{6}^{26}\ \Phi_{3}^{20}\ \Phi_{2}^4\ \Phi_{1}^4$
80743	1288	1560	$\frac{11}{195}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{156}\ \Phi_{130}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
80744	1288	456	$\frac{1}{24}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{152}^3\ \Phi_{114}^3\ \Phi_{76}^3\ \Phi_{57}^3\ \Phi_{38}^3\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{2}^2$
80745	1288	465	$\frac{1}{15}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{465}^3\ \Phi_{155}^3\ \Phi_{93}^3\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{3}^2$
80746	1288	351	$\frac{1}{13}$	$\frac{29}{351}$	$\frac{3}{13}$	$\frac{10}{39}$	$\Phi_{351}^4\ \Phi_{117}^4\ \Phi_{27}^4\ \Phi_{13}^3\ \Phi_{9}^4\ \Phi_{1}^4$
80747	1288	216	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{17}{72}$	$\frac{55}{216}$	$\Phi_{216}^8\ \Phi_{108}^8\ \Phi_{54}^8\ \Phi_{27}^8\ \Phi_{18}^8\ \Phi_{9}^7\ \Phi_{6}^8\ \Phi_{3}^7\ \Phi_{2}^8\ \Phi_{1}^8$
80748	1288	198	$\frac{1}{33}$	$\frac{37}{198}$	$\frac{8}{33}$	$\frac{25}{99}$	$\Phi_{198}^8\ \Phi_{99}^4\ \Phi_{66}^8\ \Phi_{33}^7\ \Phi_{22}^8\ \Phi_{18}^8\ \Phi_{11}^7\ \Phi_{9}^4\ \Phi_{6}^8\ \Phi_{3}^7\ \Phi_{2}^8\ \Phi_{1}^8$
80749	1288	190	$\frac{1}{19}$	$\frac{29}{190}$	$\frac{1}{5}$	$\frac{9}{38}$	$\Phi_{190}^6\ \Phi_{95}^7\ \Phi_{38}^8\ \Phi_{19}^8\ \Phi_{10}^6\ \Phi_{5}^6\ \Phi_{2}^8\ \Phi_{1}^8$
80750	1288	90	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{30}$	$\Phi_{90}^{18}\ \Phi_{45}^9\ \Phi_{30}^{20}\ \Phi_{18}^{18}\ \Phi_{15}^{10}\ \Phi_{10}^{20}\ \Phi_{9}^{12}\ \Phi_{6}^{20}\ \Phi_{5}^{10}\ \Phi_{3}^{13}\ \Phi_{2}^{20}\ \Phi_{1}^{14}$
80751	1288	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{30}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^{13}\ \Phi_{30}^4\ \Phi_{24}^{12}\ \Phi_{20}^{13}\ \Phi_{15}^8\ \Phi_{12}^{12}\ \Phi_{10}^5\ \Phi_{8}^{12}\ \Phi_{6}^4\ \Phi_{5}^8\ \Phi_{4}^{12}\ \Phi_{3}^8\ \Phi_{2}^4\ \Phi_{1}^8$
80752	1288	208	$\frac{1}{13}$	$\frac{5}{52}$	$\frac{47}{208}$	$\frac{3}{13}$	$\Phi_{208}^8\ \Phi_{104}^8\ \Phi_{16}^8\ \Phi_{13}^3\ \Phi_{8}^8\ \Phi_{1}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
80753	1288	26	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{5}{26}$	$\frac{3}{13}$	$\Phi_{26}^{48}\ \Phi_{13}^{51}\ \Phi_{2}^{48}\ \Phi_{1}^{52}$
80754	1288	195	$\frac{1}{13}$	$\frac{5}{39}$	$\frac{34}{195}$	$\frac{3}{13}$	$\Phi_{195}^{8}\ \Phi_{65}^{8}\ \Phi_{15}^{8}\ \Phi_{13}^{3}\ \Phi_{5}^{8}\ \Phi_{1}^{4}$
80755	1288	225	$\frac{2}{25}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{225}^{6}\ \Phi_{75}^{6}\ \Phi_{45}^{3}\ \Phi_{25}^{8}\ \Phi_{15}^{3}\ \Phi_{9}^{6}\ \Phi_{5}^{4}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
80756	1288	180	$\frac{19}{180}$	$\frac{1}{9}$	$\frac{7}{45}$	$\frac{2}{9}$	$\Phi_{180}^{8}\ \Phi_{90}^{8}\ \Phi_{60}^{8}\ \Phi_{45}^{4}\ \Phi_{36}^{8}\ \Phi_{30}^{8}\ \Phi_{20}^{8}\ \Phi_{18}^{8}\ \Phi_{15}^{4}\ \Phi_{12}^{8}\ \Phi_{10}^{8}\ \Phi_{9}^{7}\ \Phi_{6}^{8}\ \Phi_{5}^{4}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
80757	1288	27	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{2}{9}$	$\Phi_{27}^{56}\ \Phi_{9}^{31}\ \Phi_{3}^{31}\ \Phi_{1}^{32}$
80758	1288	1020	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{1}{5}$	$\frac{43}{204}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{340}^{2}\ \Phi_{170}^{2}\ \Phi_{85}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
80759	1288	405	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{405}$	$\frac{83}{405}$	$\Phi_{405}^{3}\ \Phi_{135}^{3}\ \Phi_{81}^{4}\ \Phi_{45}^{3}\ \Phi_{27}^{4}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
80760	1288	200	$\frac{2}{25}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{200}^{8}\ \Phi_{100}^{8}\ \Phi_{50}^{8}\ \Phi_{40}^{5}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
80761	1288	1800	$\frac{4}{45}$	$\frac{1}{8}$	$\frac{41}{225}$	$\frac{1}{5}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
80762	1288	255	$\frac{5}{51}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{5}$	$\Phi_{255}^{7}\ \Phi_{85}^{5}\ \Phi_{15}^{7}\ \Phi_{5}^{4}$
80763	1288	1080	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{27}$	$\frac{1}{5}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}\ \Phi_{270}^{2}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
80764	1288	840	$\frac{13}{105}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{140}^{2}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{40}\ \Phi_{28}^{2}\ \Phi_{20}\ \Phi_{14}^{2}\ \Phi_{10}$
80765	1288	165	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{9}{55}$	$\frac{2}{11}$	$\Phi_{165}^{11}\ \Phi_{55}^{6}\ \Phi_{33}^{2}\ \Phi_{15}^{11}\ \Phi_{11}\ \Phi_{5}^{6}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
80766	1288	195	$\frac{4}{39}$	$\frac{5}{39}$	$\frac{34}{195}$	$\frac{7}{39}$	$\Phi_{195}^{8}\ \Phi_{65}^{8}\ \Phi_{39}\ \Phi_{15}^{8}\ \Phi_{13}\ \Phi_{5}^{8}\ \Phi_{3}\ \Phi_{1}^{2}$
80767	1289	2208	$\frac{1}{184}$	$\frac{185}{1104}$	$\frac{919}{2208}$	$\frac{183}{368}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{368}\ \Phi_{96}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
80768	1289	2560	$\frac{9}{1280}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1271}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{16}\ \Phi_{1}$
80769	1289	2544	$\frac{17}{1272}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1255}{2544}$	$\Phi_{2544}\ \Phi_{848}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
80770	1289	1728	$\frac{7}{432}$	$\frac{1}{8}$	$\frac{439}{1728}$	$\frac{425}{864}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
80771	1289	2464	$\frac{1}{56}$	$\frac{57}{1232}$	$\frac{1175}{2464}$	$\frac{55}{112}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{224}\ \Phi_{112}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
80772	1289	2520	$\frac{29}{1260}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1231}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{72}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{24}\ \Phi_{21}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
80773	1289	2520	$\frac{29}{1260}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1231}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{72}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
80774	1289	1554	$\frac{6}{259}$	$\frac{1}{7}$	$\frac{265}{1554}$	$\frac{253}{518}$	$\Phi_{1554}\ \Phi_{777}\ \Phi_{259}\ \Phi_{222}\ \Phi_{111}\ \Phi_{42}\ \Phi_{37}\ \Phi_{21}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
80775	1289	1736	$\frac{13}{434}$	$\frac{1}{14}$	$\frac{447}{1736}$	$\frac{421}{868}$	$\Phi_{1736}\ \Phi_{434}\ \Phi_{248}\ \Phi_{217}\ \Phi_{62}\ \Phi_{56}\ \Phi_{31}\ \Phi_{8}\ \Phi_{1}$
80776	1289	2496	$\frac{41}{1248}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1207}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
80777	1289	2484	$\frac{47}{1242}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{1195}{2484}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{276}\ \Phi_{108}\ \Phi_{92}\ \Phi_{69}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
80778	1289	1368	$\frac{3}{76}$	$\frac{79}{1368}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}\ \Phi_{72}\ \Phi_{57}\ \Phi_{38}\ \Phi_{36}\ \Phi_{24}\ \Phi_{19}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
80779	1289	1360	$\frac{3}{68}$	$\frac{71}{1360}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{272}\ \Phi_{170}\ \Phi_{85}\ \Phi_{80}\ \Phi_{68}\ \Phi_{40}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
80780	1289	1440	$\frac{7}{144}$	$\frac{151}{1440}$	$\frac{1}{8}$	$\frac{137}{288}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
80781	1289	1748	$\frac{1}{23}$	$\frac{22}{437}$	$\frac{459}{1748}$	$\frac{415}{874}$	$\Phi_{1748}\ \Phi_{437}\ \Phi_{92}\ \Phi_{76}\ \Phi_{19}\ \Phi_{4}\ \Phi_{1}$
80782	1289	2448	$\frac{3}{68}$	$\frac{65}{1224}$	$\frac{1}{4}$	$\frac{1159}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{144}\ \Phi_{68}\ \Phi_{48}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{1}$
80783	1289	2448	$\frac{65}{1224}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1159}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
80784	1289	2432	$\frac{3}{76}$	$\frac{73}{1216}$	$\frac{1}{4}$	$\frac{1143}{2432}$	$\Phi_{2432}\ \Phi_{128}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{1}$
80785	1289	2352	$\frac{1}{56}$	$\frac{113}{1176}$	$\frac{55}{168}$	$\frac{1063}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
80786	1289	2304	$\frac{7}{144}$	$\frac{137}{1152}$	$\frac{1}{8}$	$\frac{1015}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
80787	1289	1792	$\frac{1}{56}$	$\frac{55}{448}$	$\frac{503}{1792}$	$\frac{393}{896}$	$\Phi_{1792}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
80788	1289	1920	$\frac{9}{640}$	$\frac{1}{8}$	$\frac{631}{1920}$	$\frac{7}{16}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
80789	1289	1312	$\frac{23}{1312}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1312}\ \Phi_{656}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}\ \Phi_{41}\ \Phi_{16}\ \Phi_1$
80790	1289	1600	$\frac{9}{320}$	$\frac{1}{8}$	$\frac{311}{1600}$	$\frac{7}{16}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
80791	1289	1536	$\frac{9}{256}$	$\frac{1}{8}$	$\frac{247}{1536}$	$\frac{7}{16}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
80792	1289	1344	$\frac{55}{1344}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
80793	1289	1360	$\frac{71}{1360}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{272}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
80794	1289	1440	$\frac{9}{160}$	$\frac{151}{1440}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
80795	1289	1408	$\frac{9}{128}$	$\frac{119}{1408}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
80796	1289	1344	$\frac{55}{1344}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
80797	1289	2240	$\frac{1}{56}$	$\frac{169}{1120}$	$\frac{55}{224}$	$\frac{951}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
80798	1289	2208	$\frac{1}{92}$	$\frac{185}{1104}$	$\frac{91}{276}$	$\frac{919}{2208}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}\ \Phi_{69}\ \Phi_{32}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
80799	1289	1330	$\frac{41}{1330}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{266}\ \Phi_{190}\ \Phi_{133}\ \Phi_{95}\ \Phi_{38}\ \Phi_{35}\ \Phi_{19}\ \Phi_5\ \Phi_1$
80800	1289	2160	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{209}{1080}$	$\frac{871}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
80801	1289	1840	$\frac{1}{92}$	$\frac{91}{460}$	$\frac{551}{1840}$	$\frac{369}{920}$	$\Phi_{1840}\ \Phi_{460}\ \Phi_{368}\ \Phi_{230}\ \Phi_{115}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
80802	1289	2072	$\frac{6}{259}$	$\frac{1}{7}$	$\frac{253}{1036}$	$\frac{783}{2072}$	$\Phi_{2072}\ \Phi_{296}\ \Phi_{259}\ \Phi_{56}\ \Phi_{37}\ \Phi_8\ \Phi_1$
80803	1289	2016	$\frac{1}{56}$	$\frac{55}{336}$	$\frac{281}{1008}$	$\frac{727}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
80804	1289	1344	$\frac{55}{1344}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{64}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
80805	1289	1380	$\frac{1}{23}$	$\frac{91}{1380}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}\ \Phi_{69}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
80806	1289	1656	$\frac{1}{92}$	$\frac{367}{1656}$	$\frac{91}{276}$	$\frac{185}{552}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{138}\ \Phi_{72}\ \Phi_{69}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
80807	1289	1932	$\frac{1}{161}$	$\frac{160}{483}$	$\frac{643}{1932}$	$\frac{323}{966}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{483}\ \Phi_{276}\ \Phi_{92}\ \Phi_{84}\ \Phi_{69}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
80808	1289	1863	$\frac{1}{23}$	$\frac{47}{621}$	$\frac{574}{1863}$	$\frac{22}{69}$	$\Phi_{1863}\ \Phi_{81}\ \Phi_{69}\ \Phi_3\ \Phi_1$
80809	1289	1449	$\frac{1}{23}$	$\frac{160}{1449}$	$\frac{47}{207}$	$\frac{22}{69}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{161}\ \Phi_{69}\ \Phi_{63}\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1$
80810	1289	1656	$\frac{1}{23}$	$\frac{47}{414}$	$\frac{367}{1656}$	$\frac{22}{69}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{92}\ \Phi_{72}\ \Phi_{69}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
80811	1289	1428	$\frac{3}{68}$	$\frac{139}{1428}$	$\frac{1}{4}$	$\frac{65}{204}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{238}\ \Phi_{119}\ \Phi_{84}\ \Phi_{68}\ \Phi_{42}\ \Phi_{34}\ \Phi_{28}\ \Phi_{21}\ \Phi_{17}\ \Phi_{14}\ \Phi_7\ \Phi_1$
80812	1289	1890	$\frac{29}{630}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{601}{1890}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_6\ \Phi_3\ \Phi_1$
80813	1289	1890	$\frac{29}{630}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{601}{1890}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{54}\ \Phi_{35}\ \Phi_{27}\ \Phi_5\ \Phi_1$
80814	1289	1872	$\frac{41}{624}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{583}{1872}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{144}\ \Phi_{117}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
80815	1289	1680	$\frac{29}{420}$	$\frac{1}{14}$	$\frac{391}{1680}$	$\frac{13}{42}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
80816	1289	1386	$\frac{97}{1386}$	$\frac{1}{14}$	$\frac{29}{126}$	$\frac{13}{42}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{198}\ \Phi_{154}\ \Phi_{99}\ \Phi_{77}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{22}\ \Phi_{21}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
80817	1289	1512	$\frac{1}{14}$	$\frac{29}{252}$	$\frac{223}{1512}$	$\frac{13}{42}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{72}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
80818	1289	1470	$\frac{1}{14}$	$\frac{181}{1470}$	$\frac{29}{210}$	$\frac{13}{42}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{294}\ \Phi_{245}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{42}\ \Phi_{21}\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
80819	1289	1836	$\frac{3}{68}$	$\frac{65}{612}$	$\frac{1}{4}$	$\frac{547}{1836}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{459}\ \Phi_{108}\ \Phi_{68}\ \Phi_{54}\ \Phi_{34}\ \Phi_{27}\ \Phi_{17}\ \Phi_1$
80820	1289	1824	$\frac{3}{76}$	$\frac{73}{608}$	$\frac{1}{4}$	$\frac{535}{1824}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
80821	1289	1365	$\frac{76}{1365}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{91}\ \Phi_{65}\ \Phi_{39}\ \Phi_{35}\ \Phi_{13}\ \Phi_5\ \Phi_1$
80822	1289	1728	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{137}{576}$	$\frac{439}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
80823	1289	1520	$\frac{3}{76}$	$\frac{231}{1520}$	$\frac{73}{304}$	$\frac{1}{4}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{80}\ \Phi_{76}\ \Phi_{40}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{10}\ \Phi_5\ \Phi_1$
80824	1289	1632	$\frac{3}{68}$	$\frac{65}{408}$	$\frac{343}{1632}$	$\frac{1}{4}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{272}\ \Phi_{96}\ \Phi_{68}\ \Phi_{48}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
80825	1289	1680	$\frac{29}{420}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{391}{1680}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_5\ \Phi_1$
80826	1289	1400	$\frac{111}{1400}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{140}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{100}\ \Phi_{56}\ \Phi_{50}\ \Phi_{40}\ \Phi_{35}\ \Phi_{25}\ \Phi_8\ \Phi_5\ \Phi_1$
80827	1289	1575	$\frac{29}{315}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{286}{1575}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{225}\ \Phi_{175}\ \Phi_{75}\ \Phi_{35}\ \Phi_{25}\ \Phi_5\ \Phi_1$
80828	1289	1470	$\frac{181}{1470}$	$\frac{29}{210}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{294}\ \Phi_{245}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{35}\ \Phi_5\ \Phi_1$
80829	1290	2056	$\frac{1}{257}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{128}{257}$	$\Phi_{2056}\ \Phi_{257}\ \Phi_8^2\ \Phi_1^2$
80830	1290	2140	$\frac{1}{214}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{213}{428}$	$\Phi_{2140}\ \Phi_{428}^2\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
80831	1290	1284	$\frac{1}{214}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{213}{428}$	$\Phi_{1284}\ \Phi_{642}^2\ \Phi_{321}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
80832	1290	2304	$\frac{1}{128}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{127}{256}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
80833	1290	768	$\frac{1}{128}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{127}{256}$	$\Phi_{768}^3\ \Phi_{256}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
80834	1290	2982	$\frac{2}{213}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{211}{426}$	$\Phi_{2982}\ \Phi_{994}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
80835	1290	2380	$\frac{1}{85}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{42}{85}$	$\Phi_{2380}\ \Phi_{476}\ \Phi_{340}\ \Phi_{140}\ \Phi_{85}\ \Phi_{68}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{17}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
80836	1290	595	$\frac{1}{85}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{42}{85}$	$\Phi_{595}^2\ \Phi_{119}^2\ \Phi_{85}^3\ \Phi_{35}^2\ \Phi_{17}^3\ \Phi_7^4\ \Phi_5^3\ \Phi_1^6$
80837	1290	1020	$\frac{1}{85}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{42}{85}$	$\Phi_{1020}^2\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}^2\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}^2\ \Phi_{51}\ \Phi_{30}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
80838	1290	2016	$\frac{1}{72}$	$\frac{1}{7}$	$\frac{73}{288}$	$\frac{71}{144}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{504}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
80839	1290	2968	$\frac{3}{212}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{209}{424}$	$\Phi_{2968}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
80840	1290	1289	$\frac{21}{1289}$	$\frac{131}{1289}$	$\frac{386}{1289}$	$\frac{634}{1289}$	$\Phi_{1289}\ \Phi_1^2$
80841	1290	1554	$\frac{5}{259}$	$\frac{1}{6}$	$\frac{44}{259}$	$\frac{127}{259}$	$\Phi_{1554}\ \Phi_{777}\ \Phi_{518}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
80842	1290	1289	$\frac{25}{1289}$	$\frac{214}{1289}$	$\frac{219}{1289}$	$\frac{632}{1289}$	$\Phi_{1289}\ \Phi_1^2$
80843	1290	1724	$\frac{9}{431}$	$\frac{44}{431}$	$\frac{1}{4}$	$\frac{211}{431}$	$\Phi_{1724}\ \Phi_{862}$
80844	1290	2436	$\frac{1}{42}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{41}{84}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{348}\ \Phi_{116}\ \Phi_{84}^2\ \Phi_{29}\ \Phi_{28}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
80845	1290	336	$\frac{1}{42}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^4\ \Phi_{84}^2\ \Phi_{56}^4\ \Phi_{48}^5\ \Phi_{42}^4\ \Phi_{28}^2\ \Phi_{24}^5\ \Phi_{21}^4\ \Phi_{16}^4\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_8^4\ \Phi_7^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
80846	1290	2436	$\frac{1}{42}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{41}{84}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{348}\ \Phi_{116}\ \Phi_{84}^2\ \Phi_{29}\ \Phi_{28}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
80847	1290	924	$\frac{1}{42}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{41}{84}$	$\Phi_{924}\ \Phi_{462}^2\ \Phi_{308}\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{11}^2$
80848	1290	2436	$\frac{1}{42}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{41}{84}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{348}\ \Phi_{116}\ \Phi_{84}^2\ \Phi_{29}\ \Phi_{28}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
80849	1290	84	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{41}{84}$	$\Phi_{84}^{30}\ \Phi_{42}\ \Phi_{28}^{30}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^{30}\ \Phi_4^{30}$
80850	1290	3774	$\frac{16}{629}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{613}{1258}$	$\Phi_{3774}\ \Phi_{222}\ \Phi_{102}\ \Phi_{51}\ \Phi_6$
80851	1290	228	$\frac{1}{38}$	$\frac{13}{228}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{228}^5\ \Phi_{114}^6\ \Phi_{76}^6\ \Phi_{57}^6\ \Phi_{38}^6\ \Phi_{19}^6\ \Phi_{12}^5\ \Phi_6^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
80852	1290	444	$\frac{1}{37}$	$\frac{19}{148}$	$\frac{1}{6}$	$\frac{18}{37}$	$\Phi_{444}^4\ \Phi_{222}^3\ \Phi_{148}^2\ \Phi_{111}^3\ \Phi_{74}\ \Phi_{37}^2\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
80853	1290	1254	$\frac{6}{209}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{203}{418}$	$\Phi_{1254}^3\ \Phi_{114}^3\ \Phi_{66}^3\ \Phi_{57}\ \Phi_6^3$
80854	1290	408	$\frac{1}{34}$	$\frac{7}{136}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{408}^5\ \Phi_{204}^4\ \Phi_{102}^5\ \Phi_{51}^5\ \Phi_{24}^5\ \Phi_{12}^4\ \Phi_6^5\ \Phi_3^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
80855	1290	2750	$\frac{4}{125}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{121}{250}$	$\Phi_{2750}\ \Phi_{550}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
80856	1290	2912	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{201}{416}$	$\Phi_{2912}\ \Phi_{224}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
80857	1290	1305	$\frac{1}{29}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{145}\ \Phi_{45}^2\ \Phi_{29}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_1^2$
80858	1290	1827	$\frac{1}{29}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{14}{29}$	$\Phi_{1827}\ \Phi_{261}\ \Phi_{63}^2\ \Phi_{29}\ \Phi_9^2\ \Phi_1^2$
80859	1290	464	$\frac{1}{29}$	$\frac{1}{16}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{464}^3\ \Phi_{232}^3\ \Phi_{116}^3\ \Phi_{58}\ \Phi_{29}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
80860	1290	1624	$\frac{1}{29}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{14}{29}$	$\Phi_{1624}\ \Phi_{812}\ \Phi_{232}\ \Phi_{116}\ \Phi_{56}^2\ \Phi_{29}\ \Phi_{28}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
80861	1290	1392	$\frac{1}{29}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{14}{29}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{348}\ \Phi_{232}\ \Phi_{116}\ \Phi_{48}^2\ \Phi_{29}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
80862	1290	1421	$\frac{1}{29}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{14}{29}$	$\Phi_{1421}\ \Phi_{49}^2\ \Phi_{29}\ \Phi_1^2$
80863	1290	572	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{9}{52}$	$\frac{25}{52}$	$\Phi_{572}^2\ \Phi_{286}^3\ \Phi_{143}^3\ \Phi_{44}^2\ \Phi_{22}^3\ \Phi_{11}^2$
80864	1290	2898	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{199}{414}$	$\Phi_{2898}\ \Phi_{966}\ \Phi_{322}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
80865	1290	336	$\frac{1}{24}$	$\frac{5}{48}$	$\frac{1}{7}$	$\frac{23}{48}$	$\Phi_{336}^4\ \Phi_{168}^5\ \Phi_{112}^4\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_7^4$
80866	1290	408	$\frac{1}{34}$	$\frac{11}{204}$	$\frac{1}{3}$	$\frac{193}{408}$	$\Phi_{408}^6\ \Phi_{136}^6\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}^6\ \Phi_8^6\ \Phi_6$
80867	1290	2856	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{193}{408}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
80868	1290	3648	$\frac{1}{38}$	$\frac{37}{608}$	$\frac{1}{3}$	$\frac{571}{1216}$	$\Phi_{3648}\ \Phi_{192}\ \Phi_{114}\ \Phi_{57}\ \Phi_6$
80869	1290	924	$\frac{1}{44}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{231}^2\ \Phi_{132}^3\ \Phi_{84}\ \Phi_{66}^3\ \Phi_{42}^2\ \Phi_{33}^3\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
80870	1290	1260	$\frac{2}{45}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
80871	1290	1428	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{8}{51}$	$\frac{13}{28}$	$\Phi_{1428}^2\ \Phi_{476}\ \Phi_{204}^2\ \Phi_{84}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{28}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
80872	1290	2480	$\frac{1}{31}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{2480}\ \Phi_{496}\ \Phi_{124}\ \Phi_{62}$
80873	1290	880	$\frac{3}{40}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{37}{80}$	$\Phi_{880}^3\ \Phi_{176}^3\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
80874	1290	2772	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{1}{7}$	$\frac{181}{396}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{308}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
80875	1290	1540	$\frac{11}{140}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{154}\ \Phi_{110}\ \Phi_{77}\ \Phi_{55}\ \Phi_{22}$
80876	1290	858	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{4}{39}$	$\frac{35}{78}$	$\Phi_{858}^3\ \Phi_{286}^3\ \Phi_{143}\ \Phi_{66}^3\ \Phi_{22}^3$
80877	1290	576	$\frac{1}{64}$	$\frac{1}{9}$	$\frac{21}{64}$	$\frac{4}{9}$	$\Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{64}^4\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^4\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^4\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
80878	1290	396	$\frac{1}{44}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^3\ \Phi_{99}^3\ \Phi_{66}^3\ \Phi_{44}^6\ \Phi_{36}^2\ \Phi_{33}^3\ \Phi_{22}^6\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}^6\ \Phi_9^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
80879	1290	1440	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{31}{160}$	$\frac{4}{9}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
80880	1290	1224	$\frac{7}{136}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{136}^2\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
80881	1290	144	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{144}^8\ \Phi_{72}^8\ \Phi_{48}^{11}\ \Phi_{36}^8\ \Phi_{24}^{11}\ \Phi_{18}^8\ \Phi_{16}^{10}\ \Phi_{12}^{11}\ \Phi_9^9\ \Phi_8^{10}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
80882	1290	2688	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{1}{7}$	$\frac{169}{384}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
80883	1290	224	$\frac{9}{224}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{224}^6\ \Phi_{112}^5\ \Phi_{56}^6\ \Phi_{32}^6\ \Phi_{28}^6\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
80884	1290	1289	$\frac{17}{1289}$	$\frac{173}{1289}$	$\frac{424}{1289}$	$\frac{558}{1289}$	$\Phi_{1289}\ \Phi_1^2$
80885	1290	378	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{1}{7}$	$\frac{163}{378}$	$\Phi_{378}^6\ \Phi_{189}\ \Phi_{126}^6\ \Phi_{63}\ \Phi_{54}^6\ \Phi_{42}^6\ \Phi_{21}\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_6^6\ \Phi_2^6$
80886	1290	798	$\frac{4}{133}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{42}\ \Phi_{38}^2\ \Phi_{21}\ \Phi_{14}$
80887	1290	1364	$\frac{1}{44}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{1364}\ \Phi_{682}\ \Phi_{341}\ \Phi_{124}\ \Phi_{62}$
80888	1290	222	$\frac{1}{37}$	$\frac{6}{37}$	$\frac{1}{6}$	$\frac{31}{74}$	$\Phi_{222}^7\ \Phi_{111}^7\ \Phi_{74}\ \Phi_{37}^6\ \Phi_6^6\ \Phi_3^6\ \Phi_1^6$
80889	1290	504	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{7}{36}$	$\frac{29}{72}$	$\Phi_{504}^5\ \Phi_{252}\ \Phi_{168}^5\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}^5\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
80890	1290	1289	$\frac{24}{1289}$	$\frac{253}{1289}$	$\frac{257}{1289}$	$\frac{518}{1289}$	$\Phi_{1289}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
80891	1290	1724	$\frac{6}{431}$	$\frac{85}{431}$	$\frac{1}{4}$	$\frac{173}{431}$	$\Phi_{1724}\ \Phi_{862}$
80892	1290	1605	$\frac{1}{107}$	$\frac{1}{5}$	$\frac{106}{321}$	$\frac{2}{5}$	$\Phi_{1605}\ \Phi_{321}^2\ \Phi_{15}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
80893	1290	535	$\frac{2}{107}$	$\frac{21}{107}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{535}^2\ \Phi_{107}^4\ \Phi_5^3\ \Phi_1^6$
80894	1290	660	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}\ \Phi_{165}^2\ \Phi_{132}^4\ \Phi_{110}\ \Phi_{66}^4\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{33}^4\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
80895	1290	2288	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{25}{104}$	$\frac{79}{208}$	$\Phi_{2288}\ \Phi_{286}\ \Phi_{176}\ \Phi_{143}\ \Phi_{22}$
80896	1290	1560	$\frac{1}{130}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1560}^2\ \Phi_{390}\ \Phi_{312}^2\ \Phi_{195}\ \Phi_{120}^2\ \Phi_{78}\ \Phi_{39}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
80897	1290	2056	$\frac{2}{257}$	$\frac{1}{4}$	$\frac{85}{257}$	$\frac{3}{8}$	$\Phi_{2056}\ \Phi_{257}\ \Phi_8^2\ \Phi_1^2$
80898	1290	696	$\frac{1}{87}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{696}^3\ \Phi_{348}\ \Phi_{232}^3\ \Phi_{174}\ \Phi_{116}\ \Phi_{58}\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
80899	1290	2056	$\frac{5}{257}$	$\frac{42}{257}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2056}\ \Phi_{257}\ \Phi_8^2\ \Phi_1^2$
80900	1290	616	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}^4\ \Phi_{308}\ \Phi_{154}\ \Phi_{77}\ \Phi_{56}^3\ \Phi_{28}\ \Phi_{14}$
80901	1290	1488	$\frac{1}{31}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}$
80902	1290	1289	$\frac{19}{1289}$	$\frac{254}{1289}$	$\frac{345}{1289}$	$\frac{472}{1289}$	$\Phi_{1289}\ \Phi_1^2$
80903	1290	1364	$\frac{1}{44}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{1364}\ \Phi_{682}\ \Phi_{341}\ \Phi_{124}\ \Phi_{62}$
80904	1290	2046	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{2046}\ \Phi_{682}\ \Phi_{341}\ \Phi_{186}\ \Phi_{62}$
80905	1290	1289	$\frac{26}{1289}$	$\frac{171}{1289}$	$\frac{421}{1289}$	$\frac{434}{1289}$	$\Phi_{1289}\ \Phi_1^2$
80906	1290	2268	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{53}{162}$	$\frac{109}{324}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
80907	1290	1554	$\frac{4}{259}$	$\frac{1}{6}$	$\frac{85}{259}$	$\frac{87}{259}$	$\Phi_{1554}\ \Phi_{777}\ \Phi_{518}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
80908	1290	720	$\frac{2}{45}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
80909	1290	1284	$\frac{1}{107}$	$\frac{1}{4}$	$\frac{106}{321}$	$\frac{1}{3}$	$\Phi_{1284}\ \Phi_{642}\ \Phi_{428}^2\ \Phi_{214}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
80910	1290	192	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{21}{64}$	$\frac{1}{3}$	$\Phi_{192}^6\ \Phi_{96}^6\ \Phi_{64}^8\ \Phi_{48}^6\ \Phi_{32}^8\ \Phi_{24}^6\ \Phi_{16}^8\ \Phi_{12}^6\ \Phi_8^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
80911	1290	1938	$\frac{13}{646}$	$\frac{87}{646}$	$\frac{211}{646}$	$\frac{1}{3}$	$\Phi_{1938}\ \Phi_{969}\ \Phi_{114}\ \Phi_{102}\ \Phi_{57}\ \Phi_{51}\ \Phi_6$
80912	1290	714	$\frac{1}{34}$	$\frac{23}{238}$	$\frac{11}{34}$	$\frac{1}{3}$	$\Phi_{714}^3\ \Phi_{357}^3\ \Phi_{102}\ \Phi_{51}\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_6$
80913	1290	1008	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{252}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{48}\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
80914	1290	228	$\frac{1}{19}$	$\frac{13}{228}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{228}^6\ \Phi_{114}^6\ \Phi_{76}^6\ \Phi_{57}^4\ \Phi_{38}^6\ \Phi_{19}^6\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
80915	1290	1305	$\frac{2}{45}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{145}\ \Phi_{45}^2\ \Phi_{29}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_1^2$
80916	1290	306	$\frac{1}{34}$	$\frac{11}{102}$	$\frac{91}{306}$	$\frac{1}{3}$	$\Phi_{306}^6\ \Phi_{153}^6\ \Phi_{102}\ \Phi_{51}\ \Phi_{18}^6\ \Phi_9^6\ \Phi_6$
80917	1290	912	$\frac{1}{38}$	$\frac{37}{304}$	$\frac{89}{304}$	$\frac{1}{3}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{228}^2\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
80918	1290	924	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{231}^2\ \Phi_{132}^3\ \Phi_{84}^2\ \Phi_{66}^3\ \Phi_{42}^2\ \Phi_{33}^3\ \Phi_{12}^3\ \Phi_6^3$
80919	1290	1938	$\frac{11}{646}$	$\frac{127}{646}$	$\frac{173}{646}$	$\frac{1}{3}$	$\Phi_{1938}\ \Phi_{969}\ \Phi_{114}\ \Phi_{102}\ \Phi_{57}\ \Phi_{51}\ \Phi_6$
80920	1290	1284	$\frac{2}{107}$	$\frac{21}{107}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1284}^2\ \Phi_{642}^2\ \Phi_{12}^3\ \Phi_6^3$
80921	1290	132	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^9\ \Phi_{66}^9\ \Phi_{44}^{12}\ \Phi_{33}^9\ \Phi_{22}^{12}\ \Phi_{12}^6\ \Phi_{11}^{12}\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
80922	1290	1980	$\frac{2}{45}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{110}\ \Phi_{44}\ \Phi_{22}$
80923	1290	456	$\frac{1}{38}$	$\frac{23}{152}$	$\frac{37}{152}$	$\frac{1}{3}$	$\Phi_{456}^4\ \Phi_{228}^4\ \Phi_{114}^5\ \Phi_{57}^5\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_6^5\ \Phi_3^4$
80924	1290	336	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{336}^6\ \Phi_{168}^5\ \Phi_{84}^5\ \Phi_{48}^7\ \Phi_{42}^6\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{12}^6\ \Phi_6^7\ \Phi_3^6$
80925	1290	2508	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{191}{836}$	$\frac{1}{3}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{228}\ \Phi_{132}\ \Phi_{114}\ \Phi_{66}\ \Phi_{57}\ \Phi_{12}\ \Phi_6$
80926	1290	816	$\frac{1}{34}$	$\frac{11}{68}$	$\frac{57}{272}$	$\frac{1}{3}$	$\Phi_{816}^3\ \Phi_{408}^3\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_6$
80927	1290	480	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{31}{160}$	$\frac{1}{3}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^4\ \Phi_{120}^3\ \Phi_{80}^4\ \Phi_{60}^3\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
80928	1290	1680	$\frac{1}{16}$	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
80929	1290	408	$\frac{7}{136}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{408}^{5}\ \Phi_{204}^{5}\ \Phi_{102}^{5}\ \Phi_{51}^{3}\ \Phi_{24}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{2}$
80930	1290	1305	$\frac{2}{45}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{145}\ \Phi_{45}^{2}\ \Phi_{29}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
80931	1290	630	$\frac{2}{45}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{630}^{3}\ \Phi_{315}^{2}\ \Phi_{210}^{3}\ \Phi_{126}^{3}\ \Phi_{105}^{2}\ \Phi_{70}^{3}\ \Phi_{63}^{2}\ \Phi_{42}\ \Phi_{35}^{2}\ \Phi_{21}\ \Phi_{14}$
80932	1290	408	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{408}^{3}\ \Phi_{204}^{3}\ \Phi_{136}^{4}\ \Phi_{102}^{3}\ \Phi_{68}^{4}\ \Phi_{51}^{3}\ \Phi_{34}^{4}\ \Phi_{17}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
80933	1290	48	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{48}^{27}\ \Phi_{24}^{27}\ \Phi_{16}^{26}\ \Phi_{12}^{27}\ \Phi_{8}^{26}\ \Phi_{6}^{29}\ \Phi_{4}^{26}\ \Phi_{3}^{28}\ \Phi_{2}^{28}\ \Phi_{1}^{28}$
80934	1290	51	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{8}{51}$	$\frac{1}{3}$	$\Phi_{51}^{23}\ \Phi_{17}^{30}\ \Phi_{3}^{22}\ \Phi_{1}^{30}$
80935	1290	2352	$\frac{1}{16}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{294}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
80936	1290	222	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{25}{111}$	$\frac{12}{37}$	$\Phi_{222}^{7}\ \Phi_{111}^{4}\ \Phi_{74}^{7}\ \Phi_{37}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
80937	1290	1827	$\frac{1}{21}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{20}{63}$	$\Phi_{1827}\ \Phi_{261}\ \Phi_{63}^{2}\ \Phi_{29}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
80938	1290	2772	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{20}{63}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{396}\ \Phi_{198}\ \Phi_{44}\ \Phi_{22}$
80939	1290	1827	$\frac{1}{21}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{20}{63}$	$\Phi_{1827}\ \Phi_{261}\ \Phi_{63}^{2}\ \Phi_{29}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
80940	1290	126	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{20}{63}$	$\Phi_{126}^{18}\ \Phi_{63}^{12}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}^{18}\ \Phi_{14}\ \Phi_{9}^{12}$
80941	1290	2184	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{97}{312}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{273}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
80942	1290	1624	$\frac{2}{29}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{9}{29}$	$\Phi_{1624}\ \Phi_{812}\ \Phi_{232}\ \Phi_{116}\ \Phi_{56}^{2}\ \Phi_{29}\ \Phi_{28}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
80943	1290	1392	$\frac{2}{29}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{9}{29}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{348}\ \Phi_{232}\ \Phi_{116}\ \Phi_{48}^{2}\ \Phi_{29}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
80944	1290	1421	$\frac{2}{29}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{9}{29}$	$\Phi_{1421}\ \Phi_{49}^{2}\ \Phi_{29}\ \Phi_{1}^{2}$
80945	1290	572	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{9}{52}$	$\frac{4}{13}$	$\Phi_{572}^{3}\ \Phi_{286}^{3}\ \Phi_{143}\ \Phi_{44}^{3}\ \Phi_{22}^{3}$
80946	1290	550	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{7}{50}$	$\frac{3}{10}$	$\Phi_{550}^{3}\ \Phi_{275}^{3}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
80947	1290	315	$\frac{2}{45}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{315}^{4}\ \Phi_{105}^{4}\ \Phi_{63}^{4}\ \Phi_{45}^{6}\ \Phi_{35}^{2}\ \Phi_{21}^{4}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
80948	1290	546	$\frac{5}{91}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{546}^{3}\ \Phi_{273}^{3}\ \Phi_{182}^{3}\ \Phi_{78}^{3}\ \Phi_{42}\ \Phi_{39}^{3}\ \Phi_{26}^{3}\ \Phi_{21}\ \Phi_{14}$
80949	1290	357	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{8}{51}$	$\frac{2}{7}$	$\Phi_{357}^{4}\ \Phi_{119}^{2}\ \Phi_{51}^{6}\ \Phi_{21}^{4}\ \Phi_{17}^{3}\ \Phi_{7}^{4}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
80950	1290	1860	$\frac{1}{31}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{465}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}$
80951	1290	660	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{60}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{165}^{3}\ \Phi_{132}^{3}\ \Phi_{110}\ \Phi_{66}^{3}\ \Phi_{55}\ \Phi_{33}^{3}\ \Phi_{22}$
80952	1290	2016	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{23}{96}$	$\frac{73}{288}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
80953	1290	616	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{56}$	$\frac{1}{4}$	$\Phi_{616}^{3}\ \Phi_{308}\ \Phi_{154}^{2}\ \Phi_{88}^{3}\ \Phi_{77}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{3}\ \Phi_{11}^{2}$
80954	1290	180	$\frac{2}{45}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^{10}\ \Phi_{90}^{4}\ \Phi_{60}^{8}\ \Phi_{45}^{6}\ \Phi_{36}^{10}\ \Phi_{30}^{3}\ \Phi_{20}^{9}\ \Phi_{18}^{4}\ \Phi_{15}^{5}\ \Phi_{12}^{10}\ \Phi_{10}^{4}\ \Phi_{9}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{10}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
80955	1290	204	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{204}^{8}\ \Phi_{102}^{3}\ \Phi_{68}^{9}\ \Phi_{51}^{5}\ \Phi_{34}^{4}\ \Phi_{17}^{5}\ \Phi_{12}^{10}\ \Phi_{6}^{4}\ \Phi_{4}^{10}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
80956	1290	528	$\frac{1}{11}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{176}^{3}\ \Phi_{132}\ \Phi_{88}^{3}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{3}\ \Phi_{11}^{2}$
80957	1290	2156	$\frac{1}{11}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2156}\ \Phi_{1078}\ \Phi_{44}\ \Phi_{22}$
80958	1290	1624	$\frac{1}{14}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{13}{56}$	$\Phi_{1624}\ \Phi_{812}\ \Phi_{232}\ \Phi_{116}\ \Phi_{56}^{2}\ \Phi_{29}\ \Phi_{28}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
80959	1290	168	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{13}{56}$	$\Phi_{168}^{12}\ \Phi_{84}^{12}\ \Phi_{56}^{6}\ \Phi_{42}\ \Phi_{28}^{6}\ \Phi_{24}^{12}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^{12}\ \Phi_{8}^{6}\ \Phi_{4}^{6}$
80960	1290	1760	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{31}{160}$	$\frac{9}{40}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{352}\ \Phi_{176}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
80961	1290	420	$\frac{11}{140}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{2}\ \Phi_{105}^{4}\ \Phi_{84}^{4}\ \Phi_{70}^{2}\ \Phi_{60}^{4}\ \Phi_{42}\ \Phi_{35}^{2}\ \Phi_{30}^{4}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{15}^{4}\ \Phi_{14}\ \Phi_{12}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}$
80962	1290	378	$\frac{2}{27}$	$\frac{1}{7}$	$\frac{5}{27}$	$\frac{11}{54}$	$\Phi_{378}^{5}\ \Phi_{189}^{3}\ \Phi_{126}^{5}\ \Phi_{63}^{3}\ \Phi_{42}^{5}\ \Phi_{21}^{3}\ \Phi_{14}^{5}\ \Phi_{7}^{2}$
80963	1290	550	$\frac{1}{11}$	$\frac{7}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{550}^{3}\ \Phi_{275}^{2}\ \Phi_{110}^{3}\ \Phi_{55}^{3}\ \Phi_{22}^{3}\ \Phi_{11}^{2}$
80964	1290	210	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{19}{105}$	$\Phi_{210}^{9}\ \Phi_{105}^{6}\ \Phi_{70}^{9}\ \Phi_{42}\ \Phi_{35}^{6}\ \Phi_{30}^{9}\ \Phi_{21}\ \Phi_{15}^{6}\ \Phi_{14}\ \Phi_{10}^{9}\ \Phi_{5}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
80965	1290	1392	$\frac{5}{48}$	$\frac{4}{29}$	$\frac{1}{6}$	$\frac{5}{29}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{348}\ \Phi_{232}\ \Phi_{116}\ \Phi_{48}^2\ \Phi_{29}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
80966	1290	1421	$\frac{6}{49}$	$\frac{4}{29}$	$\frac{1}{7}$	$\frac{5}{29}$	$\Phi_{1421}\ \Phi_{49}^2\ \Phi_{29}\ \Phi_1^2$
80967	1290	336	$\frac{5}{48}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{42}\ \Phi_{28}^5\ \Phi_{21}\ \Phi_{14}$
80968	1290	252	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{37}{252}$	$\frac{1}{6}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^6\ \Phi_{63}^6\ \Phi_{42}\ \Phi_{36}^6\ \Phi_{28}^6\ \Phi_{21}\ \Phi_{18}^6\ \Phi_{14}\ \Phi_{12}^6\ \Phi_9^6\ \Phi_4^6$
80969	1290	294	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{294}^6\ \Phi_{147}^6\ \Phi_{98}^6\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
80970	1291	2064	$\frac{1}{258}$	$\frac{259}{1032}$	$\frac{773}{2064}$	$\frac{257}{516}$	$\Phi_{2064}\ \Phi_{688}\ \Phi_{516}\ \Phi_{172}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
80971	1291	2568	$\frac{7}{1284}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1277}{2568}$	$\Phi_{2568}\ \Phi_{856}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
80972	1291	2560	$\frac{11}{1280}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1269}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{20}\ \Phi_4\ \Phi_1$
80973	1291	2556	$\frac{13}{1278}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1265}{2556}$	$\Phi_{2556}\ \Phi_{852}\ \Phi_{284}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
80974	1291	1728	$\frac{5}{432}$	$\frac{1}{6}$	$\frac{437}{1728}$	$\frac{427}{864}$	$\Phi_{1728}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
80975	1291	2408	$\frac{1}{86}$	$\frac{87}{1204}$	$\frac{1117}{2408}$	$\frac{85}{172}$	$\Phi_{2408}\ \Phi_{344}\ \Phi_{172}\ \Phi_{56}\ \Phi_8\ \Phi_4\ \Phi_1$
80976	1291	2544	$\frac{19}{1272}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1253}{2544}$	$\Phi_{2544}\ \Phi_{848}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
80977	1291	1480	$\frac{4}{185}$	$\frac{189}{1480}$	$\frac{1}{5}$	$\frac{181}{370}$	$\Phi_{1480}\ \Phi_{740}\ \Phi_{296}\ \Phi_{185}\ \Phi_{148}\ \Phi_{40}\ \Phi_{37}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
80978	1291	2520	$\frac{31}{1260}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{1229}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{72}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
80979	1291	2520	$\frac{31}{1260}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1229}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{72}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
80980	1291	2520	$\frac{31}{1260}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1229}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{72}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_8\ \Phi_7\ \Phi_1$
80981	1291	2520	$\frac{31}{1260}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1229}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{72}\ \Phi_{56}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
80982	1291	1740	$\frac{14}{435}$	$\frac{1}{15}$	$\frac{449}{1740}$	$\frac{421}{870}$	$\Phi_{1740}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{145}\ \Phi_{116}\ \Phi_{87}\ \Phi_{60}\ \Phi_{29}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
80983	1291	2500	$\frac{41}{1250}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1209}{2500}$	$\Phi_{2500}\ \Phi_{500}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
80984	1291	1680	$\frac{1}{30}$	$\frac{31}{420}$	$\frac{389}{1680}$	$\frac{29}{60}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{80}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
80985	1291	1440	$\frac{1}{30}$	$\frac{149}{1440}$	$\frac{31}{180}$	$\frac{29}{60}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
80986	1291	2496	$\frac{43}{1248}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1205}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
80987	1291	1560	$\frac{9}{260}$	$\frac{1}{10}$	$\frac{269}{1560}$	$\frac{251}{520}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{120}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
80988	1291	1440	$\frac{5}{144}$	$\frac{149}{1440}$	$\frac{1}{6}$	$\frac{139}{288}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
80989	1291	2484	$\frac{49}{1242}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1193}{2484}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{276}\ \Phi_{108}\ \Phi_{92}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
80990	1291	2448	$\frac{67}{1224}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1157}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
80991	1291	2400	$\frac{1}{30}$	$\frac{91}{1200}$	$\frac{29}{120}$	$\frac{1109}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
80992	1291	2400	$\frac{91}{1200}$	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1109}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{100}\ \Phi_{96}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
80993	1291	2376	$\frac{5}{108}$	$\frac{103}{1188}$	$\frac{1}{6}$	$\frac{1085}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{108}\ \Phi_{88}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
80994	1291	1400	$\frac{109}{1400}$	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{200}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{56}\ \Phi_{50}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
80995	1291	1920	$\frac{11}{640}$	$\frac{1}{10}$	$\frac{629}{1920}$	$\frac{9}{20}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
80996	1291	1320	$\frac{29}{1320}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	Φ_{1320} Φ_{660} Φ_{440} Φ_{330} Φ_{264} Φ_{220} Φ_{165} Φ_{132} Φ_{120} Φ_{110} Φ_{88} Φ_{66} Φ_{60} Φ_{55} Φ_{44} Φ_{33} Φ_{30} Φ_{24} Φ_{22} Φ_{20} Φ_{15} Φ_{12} Φ_{11} Φ_6 Φ_4 Φ_3 Φ_1
80997	1291	1600	$\frac{11}{320}$	$\frac{1}{10}$	$\frac{309}{1600}$	$\frac{9}{20}$	Φ_{1600} Φ_{800} Φ_{400} Φ_{200} Φ_{100} Φ_{50} Φ_{25} Φ_{20} Φ_4 Φ_1
80998	1291	1360	$\frac{69}{1360}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	Φ_{1360} Φ_{680} Φ_{340} Φ_{272} Φ_{170} Φ_{136} Φ_{85} Φ_{68} Φ_{34} Φ_{20} Φ_{17} Φ_4 Φ_1
80999	1291	1440	$\frac{11}{160}$	$\frac{1}{10}$	$\frac{149}{1440}$	$\frac{9}{20}$	Φ_{1440} Φ_{720} Φ_{480} Φ_{360} Φ_{288} Φ_{240} Φ_{180} Φ_{144} Φ_{120} Φ_{96} Φ_{90} Φ_{72} Φ_{60} Φ_{48} Φ_{45} Φ_{36} Φ_{30} Φ_{24} Φ_{20} Φ_{18} Φ_{15} Φ_{12} Φ_9 Φ_6 Φ_4 Φ_3 Φ_1
81000	1291	2340	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{121}{1170}$	$\frac{1049}{2340}$	Φ_{2340} Φ_{780} Φ_{468} Φ_{260} Φ_{180} Φ_{156} Φ_{130} Φ_{65} Φ_{60} Φ_{52} Φ_{36} Φ_{26} Φ_{20} Φ_{13} Φ_{12} Φ_4 Φ_1
81001	1291	1344	$\frac{53}{1344}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	Φ_{1344} Φ_{672} Φ_{448} Φ_{336} Φ_{224} Φ_{192} Φ_{168} Φ_{112} Φ_{84} Φ_{64} Φ_{56} Φ_{48} Φ_{42} Φ_{28} Φ_{24} Φ_{21} Φ_{16} Φ_{14} Φ_{12} Φ_8 Φ_7 Φ_4 Φ_1
81002	1291	1330	$\frac{39}{1330}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	Φ_{1330} Φ_{665} Φ_{266} Φ_{190} Φ_{133} Φ_{95} Φ_{38} Φ_{35} Φ_{19} Φ_7 Φ_1
81003	1291	2304	$\frac{5}{144}$	$\frac{139}{1152}$	$\frac{1}{6}$	$\frac{1013}{2304}$	Φ_{2304} Φ_{768} Φ_{256} Φ_{144} Φ_{72} Φ_{48} Φ_{36} Φ_{24} Φ_{18} Φ_{16} Φ_{12} Φ_9 Φ_8 Φ_4 Φ_1
81004	1291	2268	$\frac{5}{162}$	$\frac{157}{1134}$	$\frac{1}{6}$	$\frac{977}{2268}$	Φ_{2268} Φ_{756} Φ_{324} Φ_{252} Φ_{162} Φ_{108} Φ_{84} Φ_{81} Φ_{54} Φ_{36} Φ_{28} Φ_{27} Φ_{18} Φ_{12} Φ_9 Φ_4 Φ_1
81005	1291	2220	$\frac{4}{185}$	$\frac{181}{1110}$	$\frac{1}{5}$	$\frac{929}{2220}$	Φ_{2220} Φ_{740} Φ_{444} Φ_{185} Φ_{148} Φ_{60} Φ_{37} Φ_{20} Φ_{12} Φ_4 Φ_1
81006	1291	2160	$\frac{5}{216}$	$\frac{1}{6}$	$\frac{211}{1080}$	$\frac{869}{2160}$	Φ_{2160} Φ_{720} Φ_{432} Φ_{240} Φ_{216} Φ_{144} Φ_{108} Φ_{80} Φ_{72} Φ_{54} Φ_{48} Φ_{36} Φ_{27} Φ_{24} Φ_{18} Φ_{16} Φ_{12} Φ_9 Φ_8 Φ_4 Φ_1
81007	1291	2080	$\frac{9}{260}$	$\frac{1}{10}$	$\frac{251}{1040}$	$\frac{789}{2080}$	Φ_{2080} Φ_{416} Φ_{260} Φ_{160} Φ_{130} Φ_{65} Φ_{52} Φ_{32} Φ_{26} Φ_{20} Φ_{13} Φ_4 Φ_1
81008	1291	1440	$\frac{1}{30}$	$\frac{149}{1440}$	$\frac{29}{120}$	$\frac{91}{240}$	Φ_{1440} Φ_{720} Φ_{480} Φ_{360} Φ_{288} Φ_{180} Φ_{160} Φ_{144} Φ_{120} Φ_{96} Φ_{90} Φ_{72} Φ_{60} Φ_{45} Φ_{40} Φ_{36} Φ_{32} Φ_{24} Φ_{20} Φ_{18} Φ_{12} Φ_9 Φ_8 Φ_4 Φ_1
81009	1291	2064	$\frac{1}{86}$	$\frac{85}{344}$	$\frac{259}{1032}$	$\frac{773}{2064}$	Φ_{2064} Φ_{688} Φ_{344} Φ_{172} Φ_{48} Φ_{16} Φ_8 Φ_4 Φ_1
81010	1291	1980	$\frac{1}{30}$	$\frac{29}{330}$	$\frac{301}{990}$	$\frac{689}{1980}$	Φ_{1980} Φ_{660} Φ_{396} Φ_{330} Φ_{220} Φ_{180} Φ_{165} Φ_{132} Φ_{110} Φ_{66} Φ_{60} Φ_{55} Φ_{44} Φ_{36} Φ_{33} Φ_{22} Φ_{20} Φ_{12} Φ_{11} Φ_4 Φ_1
81011	1291	1350	$\frac{59}{1350}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	Φ_{1350} Φ_{675} Φ_{450} Φ_{270} Φ_{225} Φ_{150} Φ_{135} Φ_{75} Φ_{54} Φ_{50} Φ_{45} Φ_{27} Φ_{25} Φ_9 Φ_1
81012	1291	1944	$\frac{5}{324}$	$\frac{1}{6}$	$\frac{319}{972}$	$\frac{653}{1944}$	Φ_{1944} Φ_{648} Φ_{324} Φ_{216} Φ_{162} Φ_{108} Φ_{81} Φ_{72} Φ_{54} Φ_{36} Φ_{27} Φ_{24} Φ_{18} Φ_{12} Φ_9 Φ_8 Φ_4 Φ_1
81013	1291	1665	$\frac{4}{185}$	$\frac{1}{5}$	$\frac{374}{1665}$	$\frac{181}{555}$	Φ_{1665} Φ_{333} Φ_{185} Φ_{45} Φ_{37} Φ_9 Φ_1
81014	1291	1890	$\frac{31}{630}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{599}{1890}$	Φ_{1890} Φ_{945} Φ_{378} Φ_{270} Φ_{189} Φ_{135} Φ_{54} Φ_{45} Φ_{27} Φ_9 Φ_1
81015	1291	1890	$\frac{31}{630}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{599}{1890}$	Φ_{1890} Φ_{945} Φ_{378} Φ_{270} Φ_{189} Φ_{135} Φ_{54} Φ_{35} Φ_{27} Φ_7 Φ_1
81016	1291	1575	$\frac{1}{15}$	$\frac{31}{315}$	$\frac{284}{1575}$	$\frac{14}{45}$	Φ_{1575} Φ_{525} Φ_{225} Φ_{175} Φ_{75} Φ_{45} Φ_{25} Φ_9 Φ_1
81017	1291	1440	$\frac{1}{15}$	$\frac{149}{1440}$	$\frac{31}{180}$	$\frac{14}{45}$	Φ_{1440} Φ_{720} Φ_{480} Φ_{360} Φ_{288} Φ_{240} Φ_{160} Φ_{144} Φ_{120} Φ_{96} Φ_{80} Φ_{72} Φ_{48} Φ_{45} Φ_{40} Φ_{32} Φ_{24} Φ_{16} Φ_9 Φ_8 Φ_1
81018	1291	1872	$\frac{43}{624}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{581}{1872}$	Φ_{1872} Φ_{936} Φ_{468} Φ_{234} Φ_{144} Φ_{117} Φ_{72} Φ_{48} Φ_{36} Φ_{24} Φ_{18} Φ_{16} Φ_{12} Φ_9 Φ_8 Φ_4 Φ_1
81019	1291	1560	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{269}{1560}$	$\frac{121}{390}$	Φ_{1560} Φ_{780} Φ_{520} Φ_{312} Φ_{260} Φ_{156} Φ_{130} Φ_{120} Φ_{104} Φ_{65} Φ_{60} Φ_{52} Φ_{40} Φ_{26} Φ_{24} Φ_{20} Φ_{13} Φ_{12} Φ_8 Φ_4 Φ_1
81020	1291	1500	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{209}{1500}$	$\frac{91}{300}$	Φ_{1500} Φ_{750} Φ_{500} Φ_{375} Φ_{250} Φ_{125} Φ_{100} Φ_{50} Φ_{25} Φ_{20} Φ_4 Φ_1
81021	1291	1365	$\frac{74}{1365}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	Φ_{1365} Φ_{455} Φ_{273} Φ_{195} Φ_{91} Φ_{65} Φ_{39} Φ_{35} Φ_{13} Φ_7 Φ_1
81022	1291	1800	$\frac{1}{30}$	$\frac{91}{600}$	$\frac{29}{120}$	$\frac{509}{1800}$	Φ_{1800} Φ_{900} Φ_{450} Φ_{360} Φ_{225} Φ_{180} Φ_{120} Φ_{90} Φ_{72} Φ_{60} Φ_{45} Φ_{40} Φ_{36} Φ_{24} Φ_{20} Φ_{18} Φ_{12} Φ_9 Φ_8 Φ_4 Φ_1
81023	1291	1800	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{600}$	$\frac{509}{1800}$	Φ_{1800} Φ_{900} Φ_{450} Φ_{360} Φ_{225} Φ_{180} Φ_{100} Φ_{90} Φ_{72} Φ_{50} Φ_{45} Φ_{36} Φ_{25} Φ_{20} Φ_{18} Φ_9 Φ_4 Φ_1
81024	1291	1728	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{139}{576}$	$\frac{437}{1728}$	Φ_{1728} Φ_{864} Φ_{432} Φ_{216} Φ_{144} Φ_{108} Φ_{72} Φ_{54} Φ_{48} Φ_{36} Φ_{27} Φ_{24} Φ_{18} Φ_{16} Φ_{12} Φ_9 Φ_8 Φ_4 Φ_1
81025	1291	1680	$\frac{31}{420}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{389}{1680}$	Φ_{1680} Φ_{840} Φ_{560} Φ_{336} Φ_{280} Φ_{240} Φ_{168} Φ_{120} Φ_{112} Φ_{80} Φ_{56} Φ_{48} Φ_{40} Φ_{35} Φ_{24} Φ_{16} Φ_8 Φ_7 Φ_1

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
81026	1291	1600	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{309}{1600}$	$\frac{91}{400}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{320}\ \Phi_{160}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
81027	1291	1400	$\frac{109}{1400}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{140}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{100}\ \Phi_{56}\ \Phi_{50}\ \Phi_{40}\ \Phi_{35}\ \Phi_{25}\ \Phi_8\ \Phi_7\ \Phi_1$
81028	1291	1575	$\frac{31}{315}$	$\frac{4}{35}$	$\frac{284}{1575}$	$\frac{1}{5}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{225}\ \Phi_{175}\ \Phi_{75}\ \Phi_{35}\ \Phi_{25}\ \Phi_7\ \Phi_1$
81029	1291	1470	$\frac{4}{35}$	$\frac{179}{1470}$	$\frac{31}{210}$	$\frac{1}{5}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{294}\ \Phi_{245}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{35}\ \Phi_7\ \Phi_1$
81030	1291	1500	$\frac{1}{10}$	$\frac{209}{1500}$	$\frac{41}{250}$	$\frac{9}{50}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
81031	1291	1440	$\frac{149}{1440}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{180}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
81032	1291	1512	$\frac{31}{252}$	$\frac{5}{36}$	$\frac{221}{1512}$	$\frac{1}{6}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{72}\ \Phi_{56}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
81033	1292	1932	$\frac{1}{322}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{321}{644}$	$\Phi_{1932}\ \Phi_{644}^2\ \Phi_{276}\ \Phi_{92}^2\ \Phi_{84}\ \Phi_{28}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
81034	1292	3210	$\frac{2}{321}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{319}{642}$	$\Phi_{3210}\ \Phi_{1070}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
81035	1292	2160	$\frac{1}{108}$	$\frac{1}{5}$	$\frac{109}{432}$	$\frac{107}{216}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{540}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
81036	1292	640	$\frac{3}{320}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{317}{640}$	$\Phi_{640}^4\ \Phi_{128}^4\ \Phi_{20}\ \Phi_{10}$
81037	1292	2400	$\frac{1}{75}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{37}{75}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{75}\ \Phi_{32}^2\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
81038	1292	600	$\frac{1}{75}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{37}{75}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{75}^3\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
81039	1292	300	$\frac{1}{75}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{37}{75}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^5\ \Phi_{60}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^6\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^6$
81040	1292	2412	$\frac{1}{67}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{33}{67}$	$\Phi_{2412}\ \Phi_{804}\ \Phi_{268}\ \Phi_{67}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
81041	1292	1407	$\frac{1}{67}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{33}{67}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{67}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
81042	1292	1809	$\frac{1}{67}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{33}{67}$	$\Phi_{1809}\ \Phi_{67}\ \Phi_{27}^2\ \Phi_1^2$
81043	1292	1608	$\frac{1}{67}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{33}{67}$	$\Phi_{1608}\ \Phi_{804}\ \Phi_{536}\ \Phi_{268}\ \Phi_{67}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
81044	1292	3180	$\frac{5}{318}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{313}{636}$	$\Phi_{3180}\ \Phi_{1060}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
81045	1292	630	$\frac{8}{315}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{307}{630}$	$\Phi_{630}^4\ \Phi_{210}^4\ \Phi_{126}^4\ \Phi_{90}^4\ \Phi_{70}^4\ \Phi_{45}\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
81046	1292	1221	$\frac{1}{37}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{18}{37}$	$\Phi_{1221}\ \Phi_{407}\ \Phi_{111}\ \Phi_{37}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
81047	1292	666	$\frac{1}{37}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{666}^2\ \Phi_{333}^2\ \Phi_{222}^2\ \Phi_{111}\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{18}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
81048	1292	814	$\frac{1}{37}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{18}{37}$	$\Phi_{814}^2\ \Phi_{407}\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{22}^4\ \Phi_{11}^2\ \Phi_2^4\ \Phi_1^4$
81049	1292	1291	$\frac{35}{1291}$	$\frac{39}{1291}$	$\frac{626}{1291}$	$\frac{628}{1291}$	$\Phi_{1291}\ \Phi_1^2$
81050	1292	360	$\frac{1}{36}$	$\frac{37}{360}$	$\frac{1}{5}$	$\frac{35}{72}$	$\Phi_{360}^3\ \Phi_{180}^4\ \Phi_{120}^3\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{40}^3\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
81051	1292	660	$\frac{1}{33}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^3\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{30}^3\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
81052	1292	3120	$\frac{11}{312}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{301}{624}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{240}\ \Phi_{80}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
81053	1292	1386	$\frac{3}{77}$	$\frac{1}{18}$	$\frac{20}{77}$	$\frac{37}{77}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{198}\ \Phi_{154}\ \Phi_{126}\ \Phi_{99}\ \Phi_{66}\ \Phi_{63}\ \Phi_{42}\ \Phi_{33}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}$
81054	1292	460	$\frac{1}{23}$	$\frac{1}{20}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{460}^3\ \Phi_{230}^3\ \Phi_{115}^3\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
81055	1292	1291	$\frac{56}{1291}$	$\frac{65}{1291}$	$\frac{339}{1291}$	$\frac{613}{1291}$	$\Phi_{1291}\ \Phi_1^2$
81056	1292	1941	$\frac{20}{647}$	$\frac{33}{647}$	$\frac{1}{3}$	$\frac{307}{647}$	Φ_{1941}
81057	1292	1260	$\frac{1}{35}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}$
81058	1292	2412	$\frac{3}{67}$	$\frac{1}{18}$	$\frac{16}{67}$	$\frac{17}{36}$	$\Phi_{2412}\ \Phi_{804}\ \Phi_{268}\ \Phi_{67}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
81059	1292	180	$\frac{1}{18}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{180}^{17}\ \Phi_{90}\ \Phi_{60}^{17}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}^{17}\ \Phi_{15}\ \Phi_{10}$
81060	1292	1291	$\frac{50}{1291}$	$\frac{73}{1291}$	$\frac{341}{1291}$	$\frac{609}{1291}$	$\Phi_{1291}\ \Phi_1^2$
81061	1292	1941	$\frac{18}{647}$	$\frac{37}{647}$	$\frac{1}{3}$	$\frac{305}{647}$	Φ_{1941}
81062	1292	1248	$\frac{1}{39}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{1248}^2\ \Phi_{416}^2\ \Phi_{96}\ \Phi_{39}^2\ \Phi_{32}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
81063	1292	800	$\frac{1}{25}$	$\frac{1}{16}$	$\frac{6}{25}$	$\frac{15}{32}$	$\Phi_{800}^3\ \Phi_{160}^3\ \Phi_{32}^4\ \Phi_{25}^3\ \Phi_5^3\ \Phi_1^4$
81064	1292	160	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{160}^{15}\ \Phi_{32}^{16}\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
81065	1292	1440	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{15}{32}$	$\Phi_{1440}^2\ \Phi_{480}\ \Phi_{288}^2\ \Phi_{160}\ \Phi_{96}\ \Phi_{45}^2\ \Phi_{32}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
81066	1292	910	$\frac{1}{35}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{910}^2\ \Phi_{455}\ \Phi_{182}^2\ \Phi_{130}^2\ \Phi_{91}\ \Phi_{70}^2\ \Phi_{65}\ \Phi_{14}^2\ \Phi_{10}^2$
81067	1292	1680	$\frac{13}{336}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{80}$ $\Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
81068	1292	630	$\frac{1}{18}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^3\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^3\ \Phi_{45}^2\ \Phi_{42}^3\ \Phi_{30}^2\ \Phi_{21}^3$ $\Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
81069	1292	2970	$\frac{1}{27}$	$\frac{26}{297}$	$\frac{1}{5}$	$\frac{271}{594}$	$\Phi_{2970}\ \Phi_{990}\ \Phi_{330}\ \Phi_{270}\ \Phi_{135}\ \Phi_{110}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
81070	1292	198	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{198}^7\ \Phi_{99}^7\ \Phi_{66}^7\ \Phi_{33}^7\ \Phi_{22}^3\ \Phi_{18}^6\ \Phi_{11}^4\ \Phi_9^6\ \Phi_6^6\ \Phi_3^6\ \Phi_2^2\ \Phi_1^4$
81071	1292	2880	$\frac{1}{36}$	$\frac{35}{288}$	$\frac{1}{5}$	$\frac{253}{576}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{320}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
81072	1292	2310	$\frac{1}{77}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{2310}\ \Phi_{770}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{154}\ \Phi_{110}\ \Phi_{70}\ \Phi_{66}\ \Phi_{42}$ $\Phi_{33}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}$
81073	1292	390	$\frac{1}{39}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{390}^6\ \Phi_{195}\ \Phi_{130}^6\ \Phi_{78}^6\ \Phi_{65}\ \Phi_{30}^4\ \Phi_{26}^6\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
81074	1292	273	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{273}^5\ \Phi_{91}^5\ \Phi_{39}^4\ \Phi_{21}^3\ \Phi_{13}^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
81075	1292	126	$\frac{1}{18}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{126}^{11}\ \Phi_{63}^{11}\ \Phi_{42}^{11}\ \Phi_{21}^7\ \Phi_{18}^{10}\ \Phi_{14}^{11}\ \Phi_9^{10}\ \Phi_7^8\ \Phi_6^{10}\ \Phi_3^6\ \Phi_2^{10}\ \Phi_1^8$
81076	1292	198	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{198}^7\ \Phi_{99}^7\ \Phi_{66}^7\ \Phi_{33}^5\ \Phi_{22}^7\ \Phi_{18}^6\ \Phi_{11}^4\ \Phi_9^6\ \Phi_6^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
81077	1292	1848	$\frac{1}{77}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{88}\ \Phi_{66}\ \Phi_{56}\ \Phi_{42}$ $\Phi_{33}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}$
81078	1292	2208	$\frac{1}{69}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}\ \Phi_{92}\ \Phi_{46}\ \Phi_{12}\ \Phi_6$
81079	1292	540	$\frac{1}{54}$	$\frac{53}{270}$	$\frac{1}{5}$	$\frac{217}{540}$	$\Phi_{540}^4\ \Phi_{270}\ \Phi_{180}^4\ \Phi_{135}\ \Phi_{108}^4\ \Phi_{90}\ \Phi_{60}^4\ \Phi_{45}\ \Phi_{36}^4\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}$ $\Phi_{12}^4\ \Phi_{10}\ \Phi_4^4$
81080	1292	780	$\frac{1}{39}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{30}^2$ $\Phi_{26}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
81081	1292	1092	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{1092}^2\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{156}^2\ \Phi_{91}\ \Phi_{84}^2\ \Phi_{52}^2\ \Phi_{21}\ \Phi_{12}^2$
81082	1292	552	$\frac{1}{69}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{552}^2\ \Phi_{276}^3\ \Phi_{184}^2\ \Phi_{138}^3\ \Phi_{92}^3\ \Phi_{69}^2\ \Phi_{46}^3\ \Phi_{24}\ \Phi_{23}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2$ $\Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
81083	1292	1640	$\frac{5}{328}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{410}\ \Phi_{205}\ \Phi_{20}\ \Phi_{10}$
81084	1292	690	$\frac{1}{69}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{690}^3\ \Phi_{345}\ \Phi_{230}^3\ \Phi_{138}^3\ \Phi_{115}\ \Phi_{46}^3\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
81085	1292	2430	$\frac{1}{81}$	$\frac{1}{5}$	$\frac{80}{243}$	$\frac{163}{486}$	$\Phi_{2430}\ \Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
81086	1292	483	$\frac{1}{161}$	$\frac{160}{483}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{483}^3\ \Phi_{161}^2\ \Phi_{69}^3\ \Phi_{23}^2\ \Phi_{21}^3\ \Phi_7^2\ \Phi_3^4\ \Phi_1^4$
81087	1292	987	$\frac{6}{329}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{987}\ \Phi_{329}^2\ \Phi_{141}\ \Phi_{47}^2\ \Phi_3\ \Phi_1^2$
81088	1292	1104	$\frac{1}{46}$	$\frac{45}{368}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}^2\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{92}^2\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2$ $\Phi_3\ \Phi_1^2$
81089	1292	105	$\frac{1}{35}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^{13}\ \Phi_{35}^{12}\ \Phi_{21}^{11}\ \Phi_{15}^{13}\ \Phi_7^{10}\ \Phi_5^{12}\ \Phi_3^{12}\ \Phi_1^{12}$
81090	1292	336	$\frac{13}{336}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{48}^4\ \Phi_{42}^3\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{16}^4\ \Phi_{14}^2$ $\Phi_{12}^4\ \Phi_8^4\ \Phi_7^2\ \Phi_6^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
81091	1292	345	$\frac{1}{23}$	$\frac{22}{345}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{345}^4\ \Phi_{115}^4\ \Phi_{69}^3\ \Phi_{23}^2\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^4\ \Phi_1^4$
81092	1292	483	$\frac{8}{161}$	$\frac{9}{161}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{483}^2\ \Phi_{161}^4\ \Phi_{69}^2\ \Phi_{23}^4\ \Phi_{21}^2\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
81093	1292	180	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^7\ \Phi_{45}^8\ \Phi_{36}^8\ \Phi_{30}^7\ \Phi_{20}^6\ \Phi_{18}^4\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}^6\ \Phi_9^4\ \Phi_6^3$ $\Phi_5^6\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
81094	1292	1980	$\frac{1}{20}$	$\frac{2}{33}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{198}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
81095	1292	945	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{945}^{2}\ \Phi_{189}^{2}\ \Phi_{135}^{2}\ \Phi_{105}\ \Phi_{21}\ \Phi_{15}$
81096	1292	312	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{312}^{4}\ \Phi_{156}^{4}\ \Phi_{104}^{4}\ \Phi_{78}^{4}\ \Phi_{52}^{4}\ \Phi_{39}^{6}\ \Phi_{26}^{4}\ \Phi_{24}^{3}\ \Phi_{13}^{6}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
81097	1292	780	$\frac{1}{39}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}^{2}\ \Phi_{130}^{2}\ \Phi_{65}^{2}\ \Phi_{60}\ \Phi_{39}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{13}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
81098	1292	1407	$\frac{3}{67}$	$\frac{2}{21}$	$\frac{16}{67}$	$\frac{1}{3}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{67}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
81099	1292	660	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{165}^{3}\ \Phi_{132}^{3}\ \Phi_{66}\ \Phi_{60}^{4}\ \Phi_{33}^{2}\ \Phi_{30}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
81100	1292	315	$\frac{1}{35}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{315}^{4}\ \Phi_{105}^{5}\ \Phi_{63}^{4}\ \Phi_{45}^{3}\ \Phi_{35}^{4}\ \Phi_{21}^{5}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
81101	1292	840	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{168}^{2}\ \Phi_{140}^{2}\ \Phi_{120}^{2}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{60}^{2}\ \Phi_{56}^{2}\ \Phi_{40}^{2}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{15}$
81102	1292	630	$\frac{1}{18}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}^{3}\ \Phi_{105}^{2}\ \Phi_{90}\ \Phi_{70}^{3}\ \Phi_{45}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
81103	1292	480	$\frac{3}{160}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{157}{480}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{120}^{4}\ \Phi_{96}^{4}\ \Phi_{60}^{4}\ \Phi_{48}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{6}^{4}\ \Phi_{3}^{4}$
81104	1292	2340	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{145}{468}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
81105	1292	198	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{198}^{7}\ \Phi_{99}^{6}\ \Phi_{66}^{7}\ \Phi_{33}^{7}\ \Phi_{22}^{7}\ \Phi_{18}^{6}\ \Phi_{11}^{6}\ \Phi_{9}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
81106	1292	1809	$\frac{3}{67}$	$\frac{1}{9}$	$\frac{16}{67}$	$\frac{8}{27}$	$\Phi_{1809}\ \Phi_{67}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$
81107	1292	270	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{270}^{9}\ \Phi_{135}^{8}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
81108	1292	600	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{6}{25}$	$\frac{7}{24}$	$\Phi_{600}^{3}\ \Phi_{300}^{3}\ \Phi_{150}^{3}\ \Phi_{120}^{3}\ \Phi_{75}^{3}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{25}^{3}\ \Phi_{24}^{4}\ \Phi_{15}^{3}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
81109	1292	120	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{120}^{15}\ \Phi_{60}^{15}\ \Phi_{30}^{15}\ \Phi_{24}^{16}\ \Phi_{20}^{4}\ \Phi_{15}^{15}\ \Phi_{12}^{16}\ \Phi_{10}^{4}\ \Phi_{6}^{16}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{16}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
81110	1292	360	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{45}$	$\frac{7}{24}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{2}\ \Phi_{90}^{4}\ \Phi_{72}^{4}\ \Phi_{60}^{2}\ \Phi_{45}^{6}\ \Phi_{40}^{2}\ \Phi_{36}^{4}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{20}^{2}\ \Phi_{18}^{4}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{9}^{6}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
81111	1292	630	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{210}^{2}\ \Phi_{126}^{3}\ \Phi_{105}\ \Phi_{90}^{2}\ \Phi_{70}^{2}\ \Phi_{63}^{3}\ \Phi_{45}^{2}\ \Phi_{42}^{3}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{14}^{3}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
81112	1292	585	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{585}^{3}\ \Phi_{195}\ \Phi_{117}^{3}\ \Phi_{65}\ \Phi_{45}^{2}\ \Phi_{15}\ \Phi_{9}^{2}$
81113	1292	2160	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{35}{144}$	$\frac{109}{432}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
81114	1292	100	$\frac{1}{25}$	$\frac{3}{20}$	$\frac{6}{25}$	$\frac{1}{4}$	$\Phi_{100}^{12}\ \Phi_{50}^{12}\ \Phi_{25}^{15}\ \Phi_{20}^{13}\ \Phi_{10}^{13}\ \Phi_{5}^{16}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{16}$
81115	1292	400	$\frac{3}{80}$	$\frac{77}{400}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{400}^{4}\ \Phi_{200}^{4}\ \Phi_{100}^{4}\ \Phi_{50}^{4}\ \Phi_{25}^{4}\ \Phi_{20}\ \Phi_{10}$
81116	1292	1680	$\frac{13}{336}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
81117	1292	1920	$\frac{3}{64}$	$\frac{61}{384}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
81118	1292	20	$\frac{1}{20}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{20}^{65}\ \Phi_{10}^{65}\ \Phi_{5}^{64}\ \Phi_{4}^{64}\ \Phi_{2}^{64}\ \Phi_{1}^{64}$
81119	1292	360	$\frac{3}{40}$	$\frac{37}{360}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{4}\ \Phi_{90}^{4}\ \Phi_{72}^{4}\ \Phi_{60}^{4}\ \Phi_{45}^{4}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}\ \Phi_{18}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}$
81120	1292	1760	$\frac{29}{352}$	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{20}\ \Phi_{10}$
81121	1292	180	$\frac{1}{15}$	$\frac{3}{20}$	$\frac{7}{45}$	$\frac{1}{4}$	$\Phi_{180}^{8}\ \Phi_{90}^{8}\ \Phi_{60}^{4}\ \Phi_{45}^{10}\ \Phi_{36}^{8}\ \Phi_{30}^{4}\ \Phi_{20}^{5}\ \Phi_{18}^{8}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{10}^{5}\ \Phi_{9}^{10}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
81122	1292	1608	$\frac{3}{67}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{16}{67}$	$\Phi_{1608}\ \Phi_{804}\ \Phi_{536}\ \Phi_{268}\ \Phi_{67}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
81123	1292	360	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{5}\ \Phi_{90}\ \Phi_{60}^{5}\ \Phi_{45}\ \Phi_{40}^{5}\ \Phi_{30}\ \Phi_{20}^{5}\ \Phi_{15}\ \Phi_{10}$
81124	1292	360	$\frac{37}{360}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{5}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{4}\ \Phi_{90}^{4}\ \Phi_{72}^{4}\ \Phi_{60}^{4}\ \Phi_{45}\ \Phi_{40}^{4}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{4}\ \Phi_{18}^{4}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
81125	1292	1890	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{378}$	$\frac{1}{5}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{270}\ \Phi_{210}\ \Phi_{135}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
81126	1293	2576	$\frac{5}{1288}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1283}{2576}$	$\Phi_{2576}\ \Phi_{368}\ \Phi_{112}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
81127	1293	1716	$\frac{2}{429}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{427}{858}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{429}\ \Phi_{156}\ \Phi_{143}\ \Phi_{132}\ \Phi_{52}\ \Phi_{44}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
81128	1293	576	$\frac{1}{144}$	$\frac{1}{4}$	$\frac{145}{576}$	$\frac{143}{288}$	$\Phi_{576}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{72}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
81129	1293	856	$\frac{3}{428}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{425}{856}$	$\Phi_{856}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
81130	1293	2560	$\frac{13}{1280}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1267}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{16}\ \Phi_8\ \Phi_1$
81131	1293	852	$\frac{5}{426}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{421}{852}$	$\Phi_{852}\ \Phi_{426}^2\ \Phi_{284}\ \Phi_{213}^2\ \Phi_{142}^2\ \Phi_{71}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
81132	1293	2432	$\frac{1}{76}$	$\frac{77}{1216}$	$\frac{1139}{2432}$	$\frac{75}{152}$	$\Phi_{2432}\ \Phi_{152}\ \Phi_{128}\ \Phi_8\ \Phi_1$
81133	1293	608	$\frac{1}{76}$	$\frac{77}{608}$	$\frac{177}{608}$	$\frac{75}{152}$	$\Phi_{608}^2\ \Phi_{304}^2\ \Phi_{152}^3\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{32}^2\ \Phi_{19}^2\ \Phi_{16}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
81134	1293	1520	$\frac{1}{76}$	$\frac{227}{1520}$	$\frac{77}{304}$	$\frac{75}{152}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
81135	1293	816	$\frac{1}{68}$	$\frac{23}{408}$	$\frac{385}{816}$	$\frac{67}{136}$	$\Phi_{816}^3\ \Phi_{272}^3\ \Phi_{136}\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_8\ \Phi_1$
81136	1293	544	$\frac{1}{68}$	$\frac{23}{136}$	$\frac{113}{544}$	$\frac{67}{136}$	$\Phi_{544}^3\ \Phi_{272}^3\ \Phi_{136}\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8\ \Phi_1$
81137	1293	848	$\frac{7}{424}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{417}{848}$	$\Phi_{848}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
81138	1293	1692	$\frac{8}{423}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{415}{846}$	$\Phi_{1692}\ \Phi_{564}\ \Phi_{423}\ \Phi_{188}\ \Phi_{141}\ \Phi_{47}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
81139	1293	480	$\frac{1}{48}$	$\frac{49}{480}$	$\frac{1}{4}$	$\frac{47}{96}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
81140	1293	840	$\frac{11}{420}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{409}{840}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
81141	1293	836	$\frac{13}{418}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{405}{836}$	$\Phi_{836}^3\ \Phi_{76}^3\ \Phi_{44}^3\ \Phi_{19}^2\ \Phi_4^3\ \Phi_1^3$
81142	1293	832	$\frac{15}{416}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{401}{832}$	$\Phi_{832}^3\ \Phi_{64}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
81143	1293	828	$\frac{17}{414}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{397}{828}$	$\Phi_{828}\ \Phi_{414}^2\ \Phi_{276}\ \Phi_{207}^2\ \Phi_{138}^2\ \Phi_{92}\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{36}^3\ \Phi_{23}^2\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
81144	1293	1748	$\frac{18}{437}$	$\frac{1}{19}$	$\frac{455}{1748}$	$\frac{419}{874}$	$\Phi_{1748}\ \Phi_{437}\ \Phi_{92}\ \Phi_{76}\ \Phi_{23}\ \Phi_4\ \Phi_1$
81145	1293	816	$\frac{1}{34}$	$\frac{23}{408}$	$\frac{11}{34}$	$\frac{385}{816}$	$\Phi_{816}^3\ \Phi_{272}^3\ \Phi_{48}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{16}^3\ \Phi_2^2\ \Phi_1^3$
81146	1293	816	$\frac{1}{24}$	$\frac{23}{408}$	$\frac{1}{4}$	$\frac{385}{816}$	$\Phi_{816}^3\ \Phi_{272}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
81147	1293	448	$\frac{17}{448}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{64}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
81148	1293	1620	$\frac{1}{27}$	$\frac{26}{405}$	$\frac{1}{4}$	$\frac{379}{810}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}^2\ \Phi_{81}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
81149	1293	1768	$\frac{1}{34}$	$\frac{33}{442}$	$\frac{475}{1768}$	$\frac{409}{884}$	$\Phi_{1768}\ \Phi_{442}\ \Phi_{221}\ \Phi_{136}\ \Phi_{104}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
81150	1293	1496	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{203}{1496}$	$\frac{171}{374}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{187}\ \Phi_{136}\ \Phi_{88}\ \Phi_{68}\ \Phi_{44}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
81151	1293	2380	$\frac{1}{17}$	$\frac{103}{1190}$	$\frac{16}{119}$	$\frac{1087}{2380}$	$\Phi_{2380}\ \Phi_{476}\ \Phi_{340}\ \Phi_{140}\ \Phi_{119}\ \Phi_{68}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_4\ \Phi_1$
81152	1293	792	$\frac{1}{36}$	$\frac{35}{396}$	$\frac{1}{4}$	$\frac{361}{792}$	$\Phi_{792}^3\ \Phi_{264}^3\ \Phi_{88}^3\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
81153	1293	768	$\frac{1}{48}$	$\frac{47}{384}$	$\frac{1}{4}$	$\frac{337}{768}$	$\Phi_{768}^3\ \Phi_{256}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
81154	1293	760	$\frac{1}{76}$	$\frac{51}{380}$	$\frac{25}{76}$	$\frac{329}{760}$	$\Phi_{760}^3\ \Phi_{152}^3\ \Phi_{76}^2\ \Phi_{40}^3\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
81155	1293	760	$\frac{1}{38}$	$\frac{51}{380}$	$\frac{37}{190}$	$\frac{329}{760}$	$\Phi_{760}^3\ \Phi_{190}\ \Phi_{152}^3\ \Phi_{95}\ \Phi_{40}^3\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_1$
81156	1293	476	$\frac{1}{17}$	$\frac{45}{476}$	$\frac{16}{119}$	$\frac{103}{238}$	$\Phi_{476}^3\ \Phi_{238}^2\ \Phi_{119}^3\ \Phi_{68}^3\ \Phi_{34}^2\ \Phi_{28}^3\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_7^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
81157	1293	532	$\frac{1}{38}$	$\frac{37}{266}$	$\frac{101}{532}$	$\frac{229}{532}$	$\Phi_{532}^2\ \Phi_{266}^3\ \Phi_{133}^3\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{28}^2\ \Phi_{19}^2\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
81158	1293	756	$\frac{1}{54}$	$\frac{53}{378}$	$\frac{1}{4}$	$\frac{325}{756}$	$\Phi_{756}\ \Phi_{378}^2\ \Phi_{252}\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^3\ \Phi_{84}\ \Phi_{63}^2\ \Phi_{54}^3\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{27}^3\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
81159	1293	748	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{57}{374}$	$\frac{317}{748}$	$\Phi_{748}^3\ \Phi_{187}\ \Phi_{68}^3\ \Phi_{44}^3\ \Phi_{11}\ \Phi_4^3\ \Phi_1$
81160	1293	608	$\frac{1}{76}$	$\frac{25}{152}$	$\frac{177}{608}$	$\frac{127}{304}$	$\Phi_{608}^3\ \Phi_{152}^3\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{32}^3\ \Phi_{19}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
81161	1293	1312	$\frac{19}{1312}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1312}\ \Phi_{656}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}\ \Phi_{41}\ \Phi_{16}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
81162	1293	2176	$\frac{1}{68}$	$\frac{205}{1088}$	$\frac{67}{272}$	$\frac{883}{2176}$	$\Phi_{2176}\ \Phi_{272}\ \Phi_{136}\ \Phi_{128}\ \Phi_{16}\ \Phi_8\ \Phi_1$
81163	1293	1520	$\frac{1}{38}$	$\frac{227}{1520}$	$\frac{37}{190}$	$\frac{153}{380}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{304}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
81164	1293	720	$\frac{1}{72}$	$\frac{71}{360}$	$\frac{1}{4}$	$\frac{289}{720}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{144}^3\ \Phi_{80}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
81165	1293	435	$\frac{4}{435}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{435}^3\ \Phi_{145}^3\ \Phi_{87}^3\ \Phi_{29}^3\ \Phi_{15}^2\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
81166	1293	2128	$\frac{1}{38}$	$\frac{37}{266}$	$\frac{229}{1064}$	$\frac{835}{2128}$	$\Phi_{2128}\ \Phi_{304}\ \Phi_{266}\ \Phi_{133}\ \Phi_{112}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
81167	1293	544	$\frac{1}{68}$	$\frac{113}{544}$	$\frac{67}{272}$	$\frac{205}{544}$	$\Phi_{544}^2\ \Phi_{272}^3\ \Phi_{136}^3\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{32}^2\ \Phi_{17}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
81168	1293	1472	$\frac{5}{184}$	$\frac{179}{1472}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{368}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
81169	1293	448	$\frac{17}{448}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{64}^3\ \Phi_{56}^2\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
81170	1293	437	$\frac{6}{437}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{437}^3\ \Phi_{23}^3\ \Phi_{19}^2\ \Phi_1^3$
81171	1293	680	$\frac{1}{68}$	$\frac{67}{340}$	$\frac{91}{340}$	$\frac{249}{680}$	$\Phi_{680}^3\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}^3\ \Phi_{85}\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_1$
81172	1293	456	$\frac{1}{19}$	$\frac{25}{456}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{152}^3\ \Phi_{114}^3\ \Phi_{76}^3\ \Phi_{57}^3\ \Phi_{24}^3\ \Phi_{19}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
81173	1293	476	$\frac{1}{34}$	$\frac{45}{476}$	$\frac{11}{34}$	$\frac{23}{68}$	$\Phi_{476}^3\ \Phi_{238}^3\ \Phi_{119}^3\ \Phi_{34}^2\ \Phi_{28}^3\ \Phi_{17}^2\ \Phi_{14}^3\ \Phi_7^3\ \Phi_2^2\ \Phi_1^3$
81174	1293	648	$\frac{1}{108}$	$\frac{1}{4}$	$\frac{107}{324}$	$\frac{217}{648}$	$\Phi_{648}^3\ \Phi_{216}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
81175	1293	555	$\frac{2}{185}$	$\frac{124}{555}$	$\frac{61}{185}$	$\frac{1}{3}$	$\Phi_{555}^2\ \Phi_{185}^3\ \Phi_{111}^2\ \Phi_{37}^3\ \Phi_{15}^2\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
81176	1293	468	$\frac{2}{39}$	$\frac{37}{468}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{156}^2\ \Phi_{117}^3\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{36}^3\ \Phi_{26}^2\ \Phi_{18}^3\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
81177	1293	924	$\frac{2}{33}$	$\frac{31}{462}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{77}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
81178	1293	640	$\frac{13}{640}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{209}{640}$	$\Phi_{640}^2\ \Phi_{320}^2\ \Phi_{160}^2\ \Phi_{128}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
81179	1293	612	$\frac{1}{34}$	$\frac{23}{204}$	$\frac{181}{612}$	$\frac{11}{34}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{153}^3\ \Phi_{36}^3\ \Phi_{34}^2\ \Phi_{18}^3\ \Phi_{17}^2\ \Phi_9^3\ \Phi_2^2\ \Phi_1^3$
81180	1293	510	$\frac{1}{34}$	$\frac{79}{510}$	$\frac{23}{102}$	$\frac{11}{34}$	$\Phi_{510}^3\ \Phi_{255}^3\ \Phi_{170}^3\ \Phi_{85}^3\ \Phi_{34}^2\ \Phi_{30}^3\ \Phi_{17}^2\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_2^2\ \Phi_1^3$
81181	1293	544	$\frac{1}{34}$	$\frac{23}{136}$	$\frac{113}{544}$	$\frac{11}{34}$	$\Phi_{544}^3\ \Phi_{272}^3\ \Phi_{34}^2\ \Phi_{32}^3\ \Phi_{17}^2\ \Phi_{16}^3\ \Phi_2^2\ \Phi_1^3$
81182	1293	972	$\frac{1}{27}$	$\frac{55}{486}$	$\frac{1}{4}$	$\frac{26}{81}$	$\Phi_{972}^2\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{108}^2\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
81183	1293	627	$\frac{1}{19}$	$\frac{13}{209}$	$\frac{196}{627}$	$\frac{6}{19}$	$\Phi_{627}^3\ \Phi_{57}^3\ \Phi_{33}^3\ \Phi_{19}^2\ \Phi_3^3\ \Phi_1^3$
81184	1293	624	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{1}{4}$	$\frac{193}{624}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{48}^3\ \Phi_{39}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
81185	1293	561	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{130}{561}$	$\frac{57}{187}$	$\Phi_{561}^3\ \Phi_{187}\ \Phi_{51}^3\ \Phi_{33}^3\ \Phi_{11}\ \Phi_3^3\ \Phi_1$
81186	1293	595	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{103}{595}$	$\frac{164}{595}$	$\Phi_{595}^2\ \Phi_{119}^3\ \Phi_{85}^2\ \Phi_{35}^2\ \Phi_{17}^2\ \Phi_7^3\ \Phi_5^2\ \Phi_1^3$
81187	1293	570	$\frac{1}{38}$	$\frac{37}{190}$	$\frac{139}{570}$	$\frac{51}{190}$	$\Phi_{570}^3\ \Phi_{285}^3\ \Phi_{190}\ \Phi_{114}^3\ \Phi_{95}\ \Phi_{57}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}\ \Phi_6^3\ \Phi_5\ \Phi_3^3\ \Phi_1$
81188	1293	576	$\frac{1}{48}$	$\frac{47}{192}$	$\frac{1}{4}$	$\frac{145}{576}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{144}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
81189	1293	448	$\frac{17}{448}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{64}^2\ \Phi_{56}^3\ \Phi_{32}^2\ \Phi_{28}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
81190	1293	540	$\frac{1}{27}$	$\frac{26}{135}$	$\frac{109}{540}$	$\frac{1}{4}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{27}^3\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
81191	1293	1600	$\frac{13}{320}$	$\frac{3}{16}$	$\frac{307}{1600}$	$\frac{1}{4}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_8\ \Phi_1$
81192	1293	1360	$\frac{67}{1360}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{272}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_1$
81193	1293	512	$\frac{13}{256}$	$\frac{81}{512}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{512}^3\ \Phi_{256}^2\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
81194	1293	480	$\frac{13}{160}$	$\frac{49}{480}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^2\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^2\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
81195	1293	1408	$\frac{115}{1408}$	$\frac{13}{128}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
81196	1293	480	$\frac{1}{12}$	$\frac{49}{480}$	$\frac{11}{60}$	$\frac{1}{4}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
81197	1293	504	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{504}$	$\frac{1}{4}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
81198	1294	1290	$\frac{2}{645}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{643}{1290}$	$\Phi_{1290}^2\ \Phi_{430}^2\ \Phi_{258}^2\ \Phi_{86}^2\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
81199	1294	864	$\frac{1}{216}$	$\frac{217}{864}$	$\frac{1}{3}$	$\frac{215}{432}$	$\Phi_{864}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
81200	1294	3864	$\frac{3}{644}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{641}{1288}$	$\Phi_{3864}\ \Phi_{552}\ \Phi_{168}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
81201	1294	1287	$\frac{7}{1287}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{640}{1287}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}\ \Phi_{11}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
81202	1294	1284	$\frac{5}{642}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{637}{1284}$	$\Phi_{1284}^2\ \Phi_{428}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
81203	1294	3840	$\frac{7}{640}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{633}{1280}$	$\Phi_{3840}\ \Phi_{768}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
81204	1294	1278	$\frac{8}{639}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{631}{1278}$	$\Phi_{1278}^2\ \Phi_{426}^2\ \Phi_{142}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
81205	1294	720	$\frac{1}{72}$	$\frac{73}{720}$	$\frac{1}{3}$	$\frac{71}{144}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
81206	1294	1272	$\frac{11}{636}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{625}{1272}$	$\Phi_{1272}^2\ \Phi_{424}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
81207	1294	1269	$\frac{25}{1269}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{622}{1269}$	$\Phi_{1269}\ \Phi_{423}\ \Phi_{141}\ \Phi_{47}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
81208	1294	1260	$\frac{17}{630}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{613}{1260}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
81209	1294	1248	$\frac{23}{624}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{601}{1248}$	$\Phi_{1248}^2\ \Phi_{416}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
81210	1294	672	$\frac{25}{672}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
81211	1294	1242	$\frac{1}{27}$	$\frac{26}{621}$	$\frac{1}{3}$	$\frac{595}{1242}$	$\Phi_{1242}^2\ \Phi_{414}^2\ \Phi_{138}^2\ \Phi_{54}^2\ \Phi_{46}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
81212	1294	1224	$\frac{1}{36}$	$\frac{35}{612}$	$\frac{1}{3}$	$\frac{577}{1224}$	$\Phi_{1224}^2\ \Phi_{408}^2\ \Phi_{136}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
81213	1294	1215	$\frac{2}{81}$	$\frac{79}{1215}$	$\frac{1}{3}$	$\frac{568}{1215}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}\ \Phi_{81}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
81214	1294	1188	$\frac{1}{54}$	$\frac{53}{594}$	$\frac{1}{3}$	$\frac{541}{1188}$	$\Phi_{1188}^2\ \Phi_{396}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
81215	1294	1152	$\frac{1}{72}$	$\frac{71}{576}$	$\frac{1}{3}$	$\frac{505}{1152}$	$\Phi_{1152}^2\ \Phi_{384}^2\ \Phi_{128}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
81216	1294	1968	$\frac{9}{656}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
81217	1294	1134	$\frac{1}{81}$	$\frac{80}{567}$	$\frac{1}{3}$	$\frac{487}{1134}$	$\Phi_{1134}^2\ \Phi_{378}^2\ \Phi_{162}^2\ \Phi_{126}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
81218	1294	1080	$\frac{1}{108}$	$\frac{107}{540}$	$\frac{1}{3}$	$\frac{433}{1080}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
81219	1294	972	$\frac{1}{162}$	$\frac{161}{486}$	$\frac{1}{3}$	$\frac{325}{972}$	$\Phi_{972}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
81220	1294	774	$\frac{2}{129}$	$\frac{127}{774}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{774}^2\ \Phi_{387}^2\ \Phi_{258}^2\ \Phi_{86}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
81221	1294	660	$\frac{13}{660}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
81222	1294	960	$\frac{7}{320}$	$\frac{1}{8}$	$\frac{313}{960}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}^2\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
81223	1294	729	$\frac{2}{81}$	$\frac{82}{729}$	$\frac{79}{243}$	$\frac{1}{3}$	$\Phi_{729}^2\ \Phi_{243}\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
81224	1294	936	$\frac{1}{24}$	$\frac{23}{312}$	$\frac{289}{936}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
81225	1294	864	$\frac{1}{72}$	$\frac{71}{288}$	$\frac{217}{864}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
81226	1294	2208	$\frac{3}{92}$	$\frac{89}{736}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
81227	1294	672	$\frac{25}{672}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
81228	1294	702	$\frac{7}{117}$	$\frac{55}{702}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{234}^2\ \Phi_{117}\ \Phi_{78}^2\ \Phi_{54}^2\ \Phi_{39}\ \Phi_{27}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
81229	1294	693	$\frac{46}{693}$	$\frac{7}{99}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
81230	1294	672	$\frac{25}{672}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
81231	1294	810	$\frac{2}{81}$	$\frac{79}{405}$	$\frac{163}{810}$	$\frac{1}{3}$	$\Phi_{810}^2\ \Phi_{405}\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}\ \Phi_{90}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
81232	1294	2400	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{153}{800}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
81233	1294	720	$\frac{1}{18}$	$\frac{73}{720}$	$\frac{17}{90}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
81234	1294	2040	$\frac{33}{680}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
81235	1294	768	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{121}{768}$	$\frac{1}{3}$	$\Phi_{768}^2\ \Phi_{384}\ \Phi_{256}^2\ \Phi_{192}\ \Phi_{128}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
81236	1294	756	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{109}{756}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
81237	1294	2112	$\frac{57}{704}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
81238	1294	720	$\frac{7}{80}$	$\frac{73}{720}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
81239	1295	1032	$\frac{1}{258}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{257}{516}$	$\Phi_{1032}^2\ \Phi_{516}\ \Phi_{344}^2\ \Phi_{172}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
81240	1295	1104	$\frac{1}{184}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{183}{368}$	$\Phi_{1104}^2\ \Phi_{368}^3\ \Phi_{48}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
81241	1295	3312	$\frac{1}{184}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{183}{368}$	$\Phi_{3312}\ \Phi_{368}\ \Phi_{144}\ \Phi_{16}\ \Phi_9\ \Phi_1$
81242	1295	1464	$\frac{2}{183}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{181}{366}$	$\Phi_{1464}\ \Phi_{732}\ \Phi_{488}\ \Phi_{244}\ \Phi_{183}\ \Phi_{61}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
81243	1295	1536	$\frac{3}{256}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{253}{512}$	$\Phi_{1536}^2\ \Phi_{512}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
81244	1295	510	$\frac{4}{255}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{251}{510}$	$\Phi_{510}^2\ \Phi_{255}^3\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^3\ \Phi_{51}^3\ \Phi_{34}^2\ \Phi_{30}^3\ \Phi_{17}^3\ \Phi_{15}^4\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
81245	1295	248	$\frac{1}{62}$	$\frac{1}{8}$	$\frac{63}{248}$	$\frac{61}{124}$	$\Phi_{248}^5\ \Phi_{124}^6\ \Phi_{62}^5\ \Phi_{31}^5\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
81246	1295	312	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{53}{312}$	$\frac{51}{104}$	$\Phi_{312}^3\ \Phi_{156}^5\ \Phi_{104}^4\ \Phi_{78}^5\ \Phi_{52}^5\ \Phi_{39}^5\ \Phi_{26}^5\ \Phi_{24}^3\ \Phi_{13}^5\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
81247	1295	1224	$\frac{1}{36}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{35}{72}$	$\Phi_{1224}^2\ \Phi_{408}^2\ \Phi_{136}^2\ \Phi_{72}^3\ \Phi_{68}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
81248	1295	1224	$\frac{1}{36}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{35}{72}$	$\Phi_{1224}^2\ \Phi_{408}^2\ \Phi_{136}^2\ \Phi_{72}^3\ \Phi_{51}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_3\ \Phi_1$
81249	1295	1224	$\frac{1}{36}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{35}{72}$	$\Phi_{1224}^2\ \Phi_{408}^2\ \Phi_{136}^2\ \Phi_{72}^3\ \Phi_{24}^3\ \Phi_{17}^2\ \Phi_8^3\ \Phi_1^3$
81250	1295	72	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{35}{72}$	$\Phi_{72}^{15}\ \Phi_{36}^{20}\ \Phi_{24}^{17}\ \Phi_{18}^{20}\ \Phi_{12}^{22}\ \Phi_9^{20}\ \Phi_8^{16}\ \Phi_6^{21}\ \Phi_4^{21}\ \Phi_3^{21}\ \Phi_2^{20}\ \Phi_1^{21}$
81251	1295	2652	$\frac{1}{34}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{156}\ \Phi_{68}\ \Phi_{52}\ \Phi_{39}\ \Phi_{13}\ \Phi_4\ \Phi_1$
81252	1295	1836	$\frac{1}{34}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{33}{68}$	$\Phi_{1836}^2\ \Phi_{108}^2\ \Phi_{68}\ \Phi_{54}\ \Phi_{27}\ \Phi_4\ \Phi_1$
81253	1295	680	$\frac{1}{34}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{680}^2\ \Phi_{340}^2\ \Phi_{170}^2\ \Phi_{136}^2\ \Phi_{85}^2\ \Phi_{68}\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
81254	1295	816	$\frac{1}{34}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{33}{68}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^2\ \Phi_{136}^2\ \Phi_{68}\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
81255	1295	3060	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{33}{68}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{340}\ \Phi_{180}\ \Phi_{68}\ \Phi_{60}\ \Phi_{45}\ \Phi_{20}\ \Phi_{15}\ \Phi_5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
81256	1295	1428	$\frac{1}{34}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{33}{68}$	$\Phi_{1428}^2\ \Phi_{476}^2\ \Phi_{84}^2\ \Phi_{68}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
81257	1295	1500	$\frac{9}{250}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{241}{500}$	$\Phi_{1500}^2\ \Phi_{500}\ \Phi_{300}^2\ \Phi_{100}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
81258	1295	1482	$\frac{12}{247}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{235}{494}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{247}\ \Phi_{114}\ \Phi_{78}^2\ \Phi_{57}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{19}\ \Phi_{13}\ \Phi_6\ \Phi_3\ \Phi_1$
81259	1295	120	$\frac{1}{20}$	$\frac{3}{40}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{120}^{12}\ \Phi_{60}^{14}\ \Phi_{40}^6\ \Phi_{30}^{14}\ \Phi_{24}^{12}\ \Phi_{20}^7\ \Phi_{15}^{14}\ \Phi_{12}^{14}\ \Phi_{10}^7\ \Phi_8^6\ \Phi_6^{13}\ \Phi_5^7\ \Phi_4^7\ \Phi_3^{13}\ \Phi_2^6\ \Phi_1^7$
81260	1295	1254	$\frac{1}{38}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}\ \Phi_{209}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{33}\ \Phi_{19}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
81261	1295	480	$\frac{1}{20}$	$\frac{19}{240}$	$\frac{1}{6}$	$\frac{221}{480}$	$\Phi_{480}^5\ \Phi_{160}^5\ \Phi_{96}^5\ \Phi_{60}^2\ \Phi_{32}^5\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
81262	1295	912	$\frac{1}{38}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{912}^2\ \Phi_{304}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{48}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
81263	1295	1216	$\frac{1}{38}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{1216}^2\ \Phi_{76}^2\ \Phi_{64}\ \Phi_{38}\ \Phi_{19}\ \Phi_4\ \Phi_1$
81264	1295	468	$\frac{1}{26}$	$\frac{25}{234}$	$\frac{1}{6}$	$\frac{209}{468}$	$\Phi_{468}^5\ \Phi_{156}^5\ \Phi_{78}^2\ \Phi_{52}^5\ \Phi_{39}^2\ \Phi_{36}^5\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
81265	1295	276	$\frac{1}{92}$	$\frac{1}{6}$	$\frac{91}{276}$	$\frac{5}{12}$	$\Phi_{276}^5\ \Phi_{138}^5\ \Phi_{92}^4\ \Phi_{69}^5\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{12}^6\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
81266	1295	564	$\frac{3}{188}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{564}^2\ \Phi_{282}^2\ \Phi_{188}^3\ \Phi_{141}^2\ \Phi_{94}^3\ \Phi_{47}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
81267	1295	276	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{9}{46}$	$\frac{5}{12}$	$\Phi_{276}^8\ \Phi_{92}^8\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{12}^9\ \Phi_4^9\ \Phi_2^4\ \Phi_1^5$
81268	1295	228	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{228}^{10}\ \Phi_{114}^2\ \Phi_{76}^{10}\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{19}\ \Phi_{12}^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
81269	1295	192	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{192}^7\ \Phi_{96}^7\ \Phi_{64}^7\ \Phi_{48}^7\ \Phi_{32}^7\ \Phi_{24}^5\ \Phi_{16}^7\ \Phi_{12}^6\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
81270	1295	828	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{828}^3\ \Phi_{276}^2\ \Phi_{207}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{36}^3\ \Phi_{12}^3\ \Phi_9\ \Phi_4^3\ \Phi_3\ \Phi_1$
81271	1295	248	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{6}{31}$	$\frac{25}{62}$	$\Phi_{248}^6\ \Phi_{124}^6\ \Phi_{62}\ \Phi_{31}^5\ \Phi_8^5\ \Phi_4^5\ \Phi_1^5$
81272	1295	1248	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{51}{208}$	$\frac{157}{416}$	$\Phi_{1248}^2\ \Phi_{416}\ \Phi_{156}^2\ \Phi_{96}^2\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
81273	1295	2088	$\frac{2}{261}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{261}\ \Phi_{232}\ \Phi_{87}\ \Phi_{72}\ \Phi_{29}\ \Phi_9\ \Phi_8\ \Phi_1$
81274	1295	3096	$\frac{1}{129}$	$\frac{1}{4}$	$\frac{128}{387}$	$\frac{3}{8}$	$\Phi_{3096}\ \Phi_{387}\ \Phi_{72}\ \Phi_9\ \Phi_8\ \Phi_1$
81275	1295	344	$\frac{1}{86}$	$\frac{85}{344}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{344}^3\ \Phi_{172}^5\ \Phi_{86}^4\ \Phi_{43}^4\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
81276	1295	264	$\frac{5}{264}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^5\ \Phi_{132}^5\ \Phi_{88}^5\ \Phi_{66}^5\ \Phi_{44}^5\ \Phi_{33}^5\ \Phi_{24}^3\ \Phi_{22}^5\ \Phi_{12}^5\ \Phi_{11}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
81277	1295	344	$\frac{1}{43}$	$\frac{6}{43}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{344}^6\ \Phi_{43}^6\ \Phi_8^7\ \Phi_1^7$
81278	1295	152	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{152}^8\ \Phi_{76}^{10}\ \Phi_{38}^9\ \Phi_{19}^9\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
81279	1295	1026	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{1026}\ \Phi_{513}\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{27}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
81280	1295	390	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{64}{195}$	$\frac{131}{390}$	$\Phi_{390}^3\ \Phi_{195}^4\ \Phi_{130}^3\ \Phi_{78}^3\ \Phi_{65}^3\ \Phi_{39}^4\ \Phi_{30}^3\ \Phi_{26}^3\ \Phi_{15}^4\ \Phi_{13}^3\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
81281	1295	828	$\frac{1}{92}$	$\frac{2}{9}$	$\frac{91}{276}$	$\frac{1}{3}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}\ \Phi_{207}^2\ \Phi_{138}\ \Phi_{69}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
81282	1295	663	$\frac{2}{39}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{663}^2\ \Phi_{221}^2\ \Phi_{51}\ \Phi_{39}^3\ \Phi_{13}^3\ \Phi_3\ \Phi_1$
81283	1295	1692	$\frac{3}{188}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{423}\ \Phi_{188}\ \Phi_{94}\ \Phi_{47}\ \Phi_9\ \Phi_1$
81284	1295	414	$\frac{1}{46}$	$\frac{9}{46}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{414}^4\ \Phi_{207}^4\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{18}^4\ \Phi_9^5\ \Phi_2^4\ \Phi_1^5$
81285	1295	342	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{342}^5\ \Phi_{171}^5\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
81286	1295	576	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}\ \Phi_{144}^3\ \Phi_{96}\ \Phi_{72}^2\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}^2\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{16}\ \Phi_{12}\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
81287	1295	207	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{207}^6\ \Phi_{69}^7\ \Phi_{23}^6\ \Phi_9^7\ \Phi_3^7\ \Phi_1^7$
81288	1295	663	$\frac{2}{39}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{663}^2\ \Phi_{221}^2\ \Phi_{39}^3\ \Phi_{17}^2\ \Phi_{13}^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
81289	1295	312	$\frac{2}{39}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{312}^5\ \Phi_{156}^5\ \Phi_{104}^5\ \Phi_{78}^2\ \Phi_{52}^5\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{13}^3\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
81290	1295	384	$\frac{3}{128}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{125}{384}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^4\ \Phi_{96}^3\ \Phi_{64}^4\ \Phi_{48}^3\ \Phi_{32}^4\ \Phi_{24}^3\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
81291	1295	312	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{53}{312}$	$\frac{25}{78}$	$\Phi_{312}^5\ \Phi_{156}^5\ \Phi_{104}^5\ \Phi_{78}^2\ \Phi_{52}^5\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{24}^5\ \Phi_{13}\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
81292	1295	300	$\frac{1}{20}$	$\frac{41}{300}$	$\frac{1}{6}$	$\frac{19}{60}$	$\Phi_{300}^5\ \Phi_{150}^5\ \Phi_{100}^5\ \Phi_{75}^5\ \Phi_{60}^2\ \Phi_{50}^5\ \Phi_{30}^2\ \Phi_{25}^5\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
81293	1295	918	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{17}{54}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{54}^3\ \Phi_{51}\ \Phi_{27}^3\ \Phi_3\ \Phi_1$
81294	1295	918	$\frac{1}{18}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{17}{54}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{17}^2\ \Phi_1^3$
81295	1295	216	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{17}{54}$	$\Phi_{216}^{10}\ \Phi_{108}^{10}\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
81296	1295	2040	$\frac{1}{17}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{120}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_3\ \Phi_1$
81297	1295	816	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{16}{51}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^2\ \Phi_{136}^2\ \Phi_{51}\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_3\ \Phi_1$
81298	1295	765	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{16}{51}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{85}^2\ \Phi_{51}\ \Phi_{45}^3\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3\ \Phi_1$
81299	1295	714	$\frac{1}{17}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{16}{51}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{51}\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_3\ \Phi_1$
81300	1295	360	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{101}{360}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{90}^5\ \Phi_{72}^5\ \Phi_{60}^2\ \Phi_{45}^5\ \Phi_{36}^5\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{18}^5\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9^5\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
81301	1295	792	$\frac{13}{198}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}\ \Phi_{132}^2\ \Phi_{99}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
81302	1295	912	$\frac{1}{38}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{48}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
81303	1295	270	$\frac{11}{270}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{270}^5\ \Phi_{135}^5\ \Phi_{90}^5\ \Phi_{54}^5\ \Phi_{45}^5\ \Phi_{30}^3\ \Phi_{27}^5\ \Phi_{18}^5\ \Phi_{15}^4\ \Phi_{10}^3\ \Phi_9^5\ \Phi_6^2\ \Phi_5^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
81304	1295	236	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{51}{236}$	$\frac{1}{4}$	$\Phi_{236}^5\ \Phi_{118}^5\ \Phi_{59}^7\ \Phi_4^4\ \Phi_2^4\ \Phi_1^7$
81305	1295	960	$\frac{3}{64}$	$\frac{1}{6}$	$\frac{61}{320}$	$\frac{1}{4}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}\ \Phi_{240}^2\ \Phi_{160}\ \Phi_{120}^2\ \Phi_{80}\ \Phi_{60}^2\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
81306	1295	816	$\frac{13}{272}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}\ \Phi_{204}^2\ \Phi_{136}\ \Phi_{102}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
81307	1295	680	$\frac{3}{40}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{680}^2\ \Phi_{340}^2\ \Phi_{170}^2\ \Phi_{136}^2\ \Phi_{85}^2\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{17}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_1^3$
81308	1295	120	$\frac{3}{40}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{120}^{14}\ \Phi_{60}^{14}\ \Phi_{40}^7\ \Phi_{30}^{14}\ \Phi_{24}^8\ \Phi_{20}^7\ \Phi_{15}^{14}\ \Phi_{12}^{10}\ \Phi_{10}^7\ \Phi_8^4\ \Phi_6^9\ \Phi_5^7\ \Phi_4^5\ \Phi_3^9\ \Phi_2^4\ \Phi_1^5$
81309	1295	288	$\frac{3}{32}$	$\frac{29}{288}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^3\ \Phi_{72}^5\ \Phi_{48}^3\ \Phi_{36}^5\ \Phi_{32}^4\ \Phi_{24}^3\ \Phi_{18}^5\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
81310	1295	1020	$\frac{4}{85}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{81}{340}$	$\Phi_{1020}^2\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}^2\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}^2\ \Phi_{51}\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
81311	1295	960	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{61}{320}$	$\frac{19}{80}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}\ \Phi_{192}^2\ \Phi_{160}\ \Phi_{96}^2\ \Phi_{64}\ \Phi_{60}^2\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
81312	1295	816	$\frac{1}{12}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{11}{48}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^2\ \Phi_{136}^2\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{17}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_1^3$
81313	1295	48	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{11}{48}$	$\Phi_{48}^{35}\ \Phi_{24}^{17}\ \Phi_{16}^{35}\ \Phi_{12}^{22}\ \Phi_8^{16}\ \Phi_6^{21}\ \Phi_4^{21}\ \Phi_3^{21}\ \Phi_2^{20}\ \Phi_1^{21}$
81314	1295	300	$\frac{1}{10}$	$\frac{41}{300}$	$\frac{1}{6}$	$\frac{9}{50}$	$\Phi_{300}^5\ \Phi_{150}^3\ \Phi_{100}^5\ \Phi_{75}^3\ \Phi_{60}^5\ \Phi_{50}^4\ \Phi_{30}^5\ \Phi_{25}^4\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
81315	1295	765	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{8}{45}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{85}^2\ \Phi_{45}^3\ \Phi_{17}^2\ \Phi_{15}^3\ \Phi_5^3\ \Phi_1^3$
81316	1295	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{8}{45}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^2\ \Phi_{60}^5\ \Phi_{45}^3\ \Phi_{40}^5\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^5\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
81317	1295	714	$\frac{2}{17}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{3}{17}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{17}^2\ \Phi_{14}^3\ \Phi_7^3\ \Phi_1^3$
81318	1295	168	$\frac{5}{42}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{168}^{10}\ \Phi_{84}^{10}\ \Phi_{56}^{10}\ \Phi_{42}^5\ \Phi_{28}^{10}\ \Phi_{24}^2\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{12}^2\ \Phi_8\ \Phi_7^5\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
81319	1295	216	$\frac{1}{8}$	$\frac{5}{36}$	$\frac{31}{216}$	$\frac{1}{6}$	$\Phi_{216}^7\ \Phi_{108}^7\ \Phi_{72}^3\ \Phi_{54}^7\ \Phi_{36}^4\ \Phi_{27}^7\ \Phi_{24}^5\ \Phi_{18}^4\ \Phi_{12}^6\ \Phi_9^4\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
81320	1296	969	$\frac{1}{323}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{161}{323}$	$\Phi_{969}\ \Phi_{323}^2\ \Phi_{57}\ \Phi_{51}\ \Phi_{19}^2\ \Phi_{17}^2\ \Phi_{3}^2\ \Phi_{1}^4$
81321	1296	259	$\frac{1}{259}$	$\frac{65}{259}$	$\frac{97}{259}$	$\frac{129}{259}$	$\Phi_{259}^5\ \Phi_{37}^5\ \Phi_{7}^5\ \Phi_{1}^6$
81322	1296	1947	$\frac{3}{649}$	$\frac{163}{649}$	$\frac{1}{3}$	$\frac{323}{649}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{33}$
81323	1296	215	$\frac{1}{215}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{107}{215}$	$\Phi_{215}^6\ \Phi_{43}^6\ \Phi_{5}^7\ \Phi_{1}^8$
81324	1296	2580	$\frac{1}{215}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{107}{215}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{516}\ \Phi_{258}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_{6}^2$
81325	1296	185	$\frac{1}{185}$	$\frac{31}{185}$	$\frac{77}{185}$	$\frac{92}{185}$	$\Phi_{185}^7\ \Phi_{37}^7\ \Phi_{5}^7\ \Phi_{1}^8$
81326	1296	161	$\frac{1}{161}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{80}{161}$	$\Phi_{161}^8\ \Phi_{23}^8\ \Phi_{7}^9\ \Phi_{1}^{10}$
81327	1296	2415	$\frac{1}{161}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{80}{161}$	$\Phi_{2415}\ \Phi_{345}\ \Phi_{105}\ \Phi_{15}^2$
81328	1296	1732	$\frac{3}{433}$	$\frac{1}{4}$	$\frac{109}{433}$	$\frac{215}{433}$	$\Phi_{1732}\ \Phi_{866}$
81329	1296	1295	$\frac{9}{1295}$	$\frac{163}{1295}$	$\frac{566}{1295}$	$\frac{643}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
81330	1296	1295	$\frac{9}{1295}$	$\frac{323}{1295}$	$\frac{326}{1295}$	$\frac{643}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
81331	1296	2288	$\frac{1}{143}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{71}{143}$	$\Phi_{2288}\ \Phi_{208}\ \Phi_{176}\ \Phi_{143}\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^2$
81332	1296	572	$\frac{1}{143}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{71}{143}$	$\Phi_{572}^2\ \Phi_{286}^2\ \Phi_{143}^3\ \Phi_{52}^2\ \Phi_{44}^2\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{13}^3\ \Phi_{11}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
81333	1296	1947	$\frac{5}{649}$	$\frac{109}{649}$	$\frac{1}{3}$	$\frac{322}{649}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{33}$
81334	1296	325	$\frac{3}{325}$	$\frac{1}{5}$	$\frac{82}{325}$	$\frac{161}{325}$	$\Phi_{325}^4\ \Phi_{65}^4\ \Phi_{25}^4\ \Phi_{13}^4\ \Phi_{5}^3\ \Phi_{1}^4$
81335	1296	1177	$\frac{1}{107}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{53}{107}$	$\Phi_{1177}\ \Phi_{107}^2\ \Phi_{11}^2\ \Phi_{1}^4$
81336	1296	2247	$\frac{1}{107}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{53}{107}$	$\Phi_{2247}\ \Phi_{21}^2$
81337	1296	1177	$\frac{1}{107}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{53}{107}$	$\Phi_{1177}\ \Phi_{107}^2\ \Phi_{11}^2\ \Phi_{1}^4$
81338	1296	2140	$\frac{1}{107}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{53}{107}$	$\Phi_{2140}\ \Phi_{1070}\ \Phi_{20}^2\ \Phi_{10}^2$
81339	1296	1295	$\frac{13}{1295}$	$\frac{109}{1295}$	$\frac{593}{1295}$	$\frac{641}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
81340	1296	1295	$\frac{13}{1295}$	$\frac{218}{1295}$	$\frac{359}{1295}$	$\frac{641}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
81341	1296	1295	$\frac{13}{1295}$	$\frac{242}{1295}$	$\frac{327}{1295}$	$\frac{641}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
81342	1296	1947	$\frac{7}{649}$	$\frac{82}{649}$	$\frac{1}{3}$	$\frac{321}{649}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{33}$
81343	1296	1732	$\frac{5}{433}$	$\frac{73}{433}$	$\frac{1}{4}$	$\frac{214}{433}$	$\Phi_{1732}\ \Phi_{866}$
81344	1296	427	$\frac{5}{427}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{211}{427}$	$\Phi_{427}^3\ \Phi_{61}^3\ \Phi_{7}^5\ \Phi_{1}^6$
81345	1296	480	$\frac{1}{80}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{79}{160}$	$\Phi_{480}^5\ \Phi_{160}^6\ \Phi_{96}^5\ \Phi_{32}^6\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
81346	1296	1440	$\frac{1}{80}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{79}{160}$	$\Phi_{1440}^2\ \Phi_{480}\ \Phi_{288}^2\ \Phi_{160}^2\ \Phi_{96}\ \Phi_{32}^2\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
81347	1296	160	$\frac{1}{80}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{79}{160}$	$\Phi_{160}^{16}\ \Phi_{32}^{16}\ \Phi_{5}^3\ \Phi_{1}^4$
81348	1296	1295	$\frac{17}{1295}$	$\frac{164}{1295}$	$\frac{377}{1295}$	$\frac{639}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
81349	1296	217	$\frac{3}{217}$	$\frac{1}{7}$	$\frac{55}{217}$	$\frac{107}{217}$	$\Phi_{217}^6\ \Phi_{31}^6\ \Phi_{7}^5\ \Phi_{1}^6$
81350	1296	1207	$\frac{1}{71}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{35}{71}$	$\Phi_{1207}\ \Phi_{71}^2\ \Phi_{17}^2\ \Phi_{1}^4$
81351	1296	2130	$\frac{1}{71}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{35}{71}$	$\Phi_{2130}\ \Phi_{1065}\ \Phi_{426}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
81352	1296	1207	$\frac{1}{71}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{35}{71}$	$\Phi_{1207}\ \Phi_{71}^2\ \Phi_{17}^2\ \Phi_{1}^4$
81353	1296	1988	$\frac{1}{71}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{35}{71}$	$\Phi_{1988}\ \Phi_{994}\ \Phi_{28}^2\ \Phi_{14}^2$
81354	1296	1295	$\frac{19}{1295}$	$\frac{73}{1295}$	$\frac{611}{1295}$	$\frac{638}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
81355	1296	1295	$\frac{19}{1295}$	$\frac{219}{1295}$	$\frac{269}{1295}$	$\frac{638}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
81356	1296	65	$\frac{1}{65}$	$\frac{11}{65}$	$\frac{1}{5}$	$\frac{32}{65}$	$\Phi_{65}^{20}\ \Phi_{13}^{20}\ \Phi_{5}^{19}\ \Phi_{1}^{20}$
81357	1296	957	$\frac{5}{319}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{157}{319}$	$\Phi_{957}^2\ \Phi_{87}^2\ \Phi_{33}^3\ \Phi_{3}^2$
81358	1296	1732	$\frac{7}{433}$	$\frac{55}{433}$	$\frac{1}{4}$	$\frac{213}{433}$	$\Phi_{1732}\ \Phi_{866}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
81359	1296	185	$\frac{3}{185}$	$\frac{23}{185}$	$\frac{47}{185}$	$\frac{91}{185}$	$\Phi_{185}^{7}\ \Phi_{37}^{7}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
81360	1296	425	$\frac{7}{425}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{209}{425}$	$\Phi_{425}^{3}\ \Phi_{85}^{3}\ \Phi_{25}^{4}\ \Phi_{17}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
81361	1296	177	$\frac{1}{59}$	$\frac{5}{59}$	$\frac{1}{3}$	$\frac{29}{59}$	$\Phi_{177}^{11}\ \Phi_{3}^{10}$
81362	1296	1219	$\frac{1}{53}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{26}{53}$	$\Phi_{1219}\ \Phi_{53}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$
81363	1296	2067	$\frac{1}{53}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{2067}\ \Phi_{39}^{2}$
81364	1296	1219	$\frac{1}{53}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{26}{53}$	$\Phi_{1219}\ \Phi_{53}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$
81365	1296	1908	$\frac{1}{53}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{26}{53}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{636}\ \Phi_{318}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
81366	1296	1219	$\frac{1}{53}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{26}{53}$	$\Phi_{1219}\ \Phi_{53}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$
81367	1296	1855	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{26}{53}$	$\Phi_{1855}\ \Phi_{35}^{2}$
81368	1296	259	$\frac{5}{259}$	$\frac{11}{259}$	$\frac{124}{259}$	$\frac{127}{259}$	$\Phi_{259}^{5}\ \Phi_{37}^{5}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
81369	1296	259	$\frac{5}{259}$	$\frac{22}{259}$	$\frac{79}{259}$	$\frac{127}{259}$	$\Phi_{259}^{5}\ \Phi_{37}^{5}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
81370	1296	259	$\frac{5}{259}$	$\frac{43}{259}$	$\frac{44}{259}$	$\frac{127}{259}$	$\Phi_{259}^{5}\ \Phi_{37}^{5}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
81371	1296	290	$\frac{3}{145}$	$\frac{1}{10}$	$\frac{37}{145}$	$\frac{71}{145}$	$\Phi_{290}^{5}\ \Phi_{145}^{4}\ \Phi_{58}^{5}\ \Phi_{29}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
81372	1296	2444	$\frac{1}{47}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{23}{47}$	$\Phi_{2444}\ \Phi_{188}\ \Phi_{52}^{2}\ \Phi_{47}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
81373	1296	611	$\frac{1}{47}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{23}{47}$	$\Phi_{611}^{2}\ \Phi_{47}^{3}\ \Phi_{13}^{4}\ \Phi_{1}^{6}$
81374	1296	940	$\frac{1}{47}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{23}{47}$	$\Phi_{940}^{2}\ \Phi_{470}\ \Phi_{235}\ \Phi_{188}\ \Phi_{47}\ \Phi_{20}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
81375	1296	217	$\frac{5}{217}$	$\frac{1}{7}$	$\frac{37}{217}$	$\frac{106}{217}$	$\Phi_{217}^{6}\ \Phi_{31}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
81376	1296	1295	$\frac{31}{1295}$	$\frac{179}{1295}$	$\frac{221}{1295}$	$\frac{632}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81377	1296	1732	$\frac{11}{433}$	$\frac{37}{433}$	$\frac{1}{4}$	$\frac{211}{433}$	$\Phi_{1732}\ \Phi_{866}$
81378	1296	1295	$\frac{33}{1295}$	$\frac{83}{1295}$	$\frac{404}{1295}$	$\frac{631}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81379	1296	1295	$\frac{33}{1295}$	$\frac{107}{1295}$	$\frac{332}{1295}$	$\frac{631}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81380	1296	1947	$\frac{17}{649}$	$\frac{37}{649}$	$\frac{1}{3}$	$\frac{316}{649}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{33}$
81381	1296	629	$\frac{1}{37}$	$\frac{19}{629}$	$\frac{305}{629}$	$\frac{18}{37}$	$\Phi_{629}^{2}\ \Phi_{37}^{3}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
81382	1296	1417	$\frac{3}{109}$	$\frac{1}{13}$	$\frac{28}{109}$	$\frac{53}{109}$	Φ_{1417}
81383	1296	35	$\frac{1}{35}$	$\frac{1}{35}$	$\frac{17}{35}$	$\frac{17}{35}$	$\Phi_{35}^{37}\ \Phi_{7}^{37}\ \Phi_{5}^{37}\ \Phi_{1}^{38}$
81384	1296	1995	$\frac{1}{35}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{1995}\ \Phi_{399}\ \Phi_{285}\ \Phi_{57}^{2}$
81385	1296	35	$\frac{1}{35}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{17}{35}$	$\Phi_{35}^{37}\ \Phi_{7}^{37}\ \Phi_{5}^{37}\ \Phi_{1}^{38}$
81386	1296	175	$\frac{1}{35}$	$\frac{13}{175}$	$\frac{9}{35}$	$\frac{17}{35}$	$\Phi_{175}^{8}\ \Phi_{35}^{5}\ \Phi_{25}^{8}\ \Phi_{7}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
81387	1296	1820	$\frac{1}{35}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{364}\ \Phi_{260}\ \Phi_{182}\ \Phi_{130}\ \Phi_{52}^{2}\ \Phi_{26}^{2}$
81388	1296	35	$\frac{1}{35}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{17}{35}$	$\Phi_{35}^{37}\ \Phi_{7}^{37}\ \Phi_{5}^{37}\ \Phi_{1}^{38}$
81389	1296	70	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{17}{35}$	$\Phi_{70}^{20}\ \Phi_{35}^{16}\ \Phi_{14}^{20}\ \Phi_{10}^{24}\ \Phi_{7}^{16}\ \Phi_{5}^{19}\ \Phi_{2}^{24}\ \Phi_{1}^{20}$
81390	1296	245	$\frac{1}{35}$	$\frac{29}{245}$	$\frac{6}{35}$	$\frac{17}{35}$	$\Phi_{245}^{6}\ \Phi_{49}^{6}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81391	1296	35	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{17}{35}$	$\Phi_{35}^{36}\ \Phi_{7}^{41}\ \Phi_{5}^{36}\ \Phi_{1}^{42}$
81392	1296	1467	$\frac{5}{163}$	$\frac{1}{9}$	$\frac{28}{163}$	$\frac{79}{163}$	$\Phi_{1467}\ \Phi_{489}$
81393	1296	1295	$\frac{41}{1295}$	$\frac{167}{1295}$	$\frac{188}{1295}$	$\frac{627}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81394	1296	217	$\frac{1}{31}$	$\frac{4}{31}$	$\frac{1}{7}$	$\frac{15}{31}$	$\Phi_{217}^{7}\ \Phi_{7}^{6}$
81395	1296	1295	$\frac{43}{1295}$	$\frac{134}{1295}$	$\frac{223}{1295}$	$\frac{626}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81396	1296	325	$\frac{11}{325}$	$\frac{28}{325}$	$\frac{1}{5}$	$\frac{157}{325}$	$\Phi_{325}^{4}\ \Phi_{65}^{4}\ \Phi_{25}^{4}\ \Phi_{13}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
81397	1296	290	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{5}{29}$	$\frac{14}{29}$	$\Phi_{290}^{5}\ \Phi_{145}^{5}\ \Phi_{58}^{5}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
81398	1296	1732	$\frac{15}{433}$	$\frac{28}{433}$	$\frac{1}{4}$	$\frac{209}{433}$	$\Phi_{1732}\ \Phi_{866}$
81399	1296	259	$\frac{9}{259}$	$\frac{16}{259}$	$\frac{67}{259}$	$\frac{125}{259}$	$\Phi_{259}^5\ \Phi_{37}^5\ \Phi_7^5\ \Phi_1^6$
81400	1296	1947	$\frac{23}{649}$	$\frac{28}{649}$	$\frac{1}{3}$	$\frac{313}{649}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{33}$
81401	1296	625	$\frac{23}{625}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{301}{625}$	$\Phi_{625}^2\ \Phi_{125}^2\ \Phi_{25}^4\ \Phi_5^3\ \Phi_1^4$
81402	1296	185	$\frac{7}{185}$	$\frac{8}{185}$	$\frac{59}{185}$	$\frac{89}{185}$	$\Phi_{185}^7\ \Phi_{37}^7\ \Phi_5^7\ \Phi_1^8$
81403	1296	185	$\frac{7}{185}$	$\frac{17}{185}$	$\frac{32}{185}$	$\frac{89}{185}$	$\Phi_{185}^7\ \Phi_{37}^7\ \Phi_5^7\ \Phi_1^8$
81404	1296	185	$\frac{7}{185}$	$\frac{23}{185}$	$\frac{24}{185}$	$\frac{89}{185}$	$\Phi_{185}^7\ \Phi_{37}^7\ \Phi_5^7\ \Phi_1^8$
81405	1296	3900	$\frac{1}{26}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{3900}\ \Phi_{780}\ \Phi_{300}\ \Phi_{75}\ \Phi_{60}\ \Phi_{15}$
81406	1296	2444	$\frac{1}{26}$	$\frac{2}{47}$	$\frac{15}{47}$	$\frac{25}{52}$	$\Phi_{2444}\ \Phi_{188}\ \Phi_{52}^2\ \Phi_{47}\ \Phi_4^2\ \Phi_1^2$
81407	1296	884	$\frac{1}{26}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{884}\ \Phi_{442}^2\ \Phi_{221}^2\ \Phi_{68}^2\ \Phi_{34}^3\ \Phi_{17}^2$
81408	1296	2444	$\frac{1}{26}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{25}{52}$	$\Phi_{2444}\ \Phi_{188}\ \Phi_{52}^2\ \Phi_{47}\ \Phi_4^2\ \Phi_1^2$
81409	1296	260	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{260}^{12}\ \Phi_{65}\ \Phi_{20}^{12}$
81410	1296	2444	$\frac{1}{26}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{25}{52}$	$\Phi_{2444}\ \Phi_{188}\ \Phi_{52}^2\ \Phi_{47}\ \Phi_4^2\ \Phi_1^2$
81411	1296	3276	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{25}{52}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{252}\ \Phi_{84}\ \Phi_{63}\ \Phi_{21}$
81412	1296	1732	$\frac{17}{433}$	$\frac{25}{433}$	$\frac{1}{4}$	$\frac{208}{433}$	$\Phi_{1732}\ \Phi_{866}$
81413	1296	175	$\frac{1}{25}$	$\frac{13}{175}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{175}^8\ \Phi_{35}^8\ \Phi_{25}^4\ \Phi_7^8\ \Phi_5^3\ \Phi_1^4$
81414	1296	1387	$\frac{3}{73}$	$\frac{1}{19}$	$\frac{19}{73}$	$\frac{35}{73}$	Φ_{1387}
81415	1296	259	$\frac{11}{259}$	$\frac{15}{259}$	$\frac{61}{259}$	$\frac{124}{259}$	$\Phi_{259}^5\ \Phi_{37}^5\ \Phi_7^5\ \Phi_1^6$
81416	1296	1932	$\frac{1}{28}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{483}\ \Phi_{276}\ \Phi_{138}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_6^2$
81417	1296	1219	$\frac{2}{53}$	$\frac{1}{23}$	$\frac{17}{53}$	$\frac{11}{23}$	$\Phi_{1219}\ \Phi_{53}^2\ \Phi_{23}^2\ \Phi_1^4$
81418	1296	1748	$\frac{1}{23}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{1748}\ \Phi_{874}\ \Phi_{76}^2\ \Phi_{38}^2$
81419	1296	1219	$\frac{1}{23}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{11}{23}$	$\Phi_{1219}\ \Phi_{53}^2\ \Phi_{23}^2\ \Phi_1^4$
81420	1296	1610	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{11}{23}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{322}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{14}^2$
81421	1296	1417	$\frac{5}{109}$	$\frac{1}{13}$	$\frac{19}{109}$	$\frac{52}{109}$	Φ_{1417}
81422	1296	1295	$\frac{61}{1295}$	$\frac{113}{1295}$	$\frac{197}{1295}$	$\frac{617}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
81423	1296	290	$\frac{7}{145}$	$\frac{1}{10}$	$\frac{19}{145}$	$\frac{69}{145}$	$\Phi_{290}^5\ \Phi_{145}^4\ \Phi_{58}^5\ \Phi_{29}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
81424	1296	1235	$\frac{61}{1235}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{587}{1235}$	$\Phi_{1235}\ \Phi_{247}\ \Phi_{95}\ \Phi_{65}^2\ \Phi_{19}\ \Phi_{13}^2\ \Phi_5\ \Phi_1^2$
81425	1296	259	$\frac{13}{259}$	$\frac{25}{259}$	$\frac{34}{259}$	$\frac{123}{259}$	$\Phi_{259}^5\ \Phi_{37}^5\ \Phi_7^5\ \Phi_1^6$
81426	1296	217	$\frac{11}{217}$	$\frac{19}{217}$	$\frac{1}{7}$	$\frac{103}{217}$	$\Phi_{217}^6\ \Phi_{31}^6\ \Phi_7^5\ \Phi_1^6$
81427	1296	1295	$\frac{67}{1295}$	$\frac{89}{1295}$	$\frac{227}{1295}$	$\frac{614}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
81428	1296	325	$\frac{17}{325}$	$\frac{19}{325}$	$\frac{1}{5}$	$\frac{154}{325}$	$\Phi_{325}^4\ \Phi_{65}^4\ \Phi_{25}^4\ \Phi_{13}^4\ \Phi_5^3\ \Phi_1^4$
81429	1296	1732	$\frac{19}{433}$	$\frac{23}{433}$	$\frac{1}{4}$	$\frac{205}{433}$	$\Phi_{1732}\ \Phi_{866}$
81430	1296	1295	$\frac{53}{1295}$	$\frac{69}{1295}$	$\frac{341}{1295}$	$\frac{613}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
81431	1296	1947	$\frac{19}{649}$	$\frac{35}{649}$	$\frac{1}{3}$	$\frac{307}{649}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{33}$
81432	1296	1295	$\frac{38}{1295}$	$\frac{73}{1295}$	$\frac{419}{1295}$	$\frac{611}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
81433	1296	1887	$\frac{1}{37}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{1887}\ \Phi_{111}^2$
81434	1296	1207	$\frac{2}{71}$	$\frac{1}{17}$	$\frac{23}{71}$	$\frac{8}{17}$	$\Phi_{1207}\ \Phi_{71}^2\ \Phi_{17}^2\ \Phi_1^4$
81435	1296	1700	$\frac{1}{25}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{340}\ \Phi_{170}\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{20}^2\ \Phi_{10}^2$
81436	1296	1207	$\frac{3}{71}$	$\frac{1}{17}$	$\frac{17}{71}$	$\frac{8}{17}$	$\Phi_{1207}\ \Phi_{71}^2\ \Phi_{17}^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
81437	1296	1615	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{1615}\ \Phi_{95}^2$
81438	1296	1207	$\frac{1}{17}$	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{8}{17}$	$\Phi_{1207}\ \Phi_{71}^2\ \Phi_{17}^2\ \Phi_1^4$
81439	1296	1547	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{8}{17}$	$\Phi_{1547}\ \Phi_{91}^2$
81440	1296	1207	$\frac{1}{17}$	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{8}{17}$	$\Phi_{1207}\ \Phi_{71}^2\ \Phi_{17}^2\ \Phi_1^4$
81441	1296	1530	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{8}{17}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}\ \Phi_{255}\ \Phi_{102}\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_6^2$
81442	1296	196	$\frac{1}{28}$	$\frac{3}{49}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{196}^7\ \Phi_{98}^7\ \Phi_{49}^6\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
81443	1296	407	$\frac{1}{37}$	$\frac{25}{407}$	$\frac{12}{37}$	$\frac{191}{407}$	$\Phi_{407}^3\ \Phi_{37}^5\ \Phi_{11}^3\ \Phi_1^6$
81444	1296	120	$\frac{1}{40}$	$\frac{1}{15}$	$\frac{13}{40}$	$\frac{7}{15}$	$\Phi_{120}^{10}\ \Phi_{60}^{10}\ \Phi_{40}^{12}\ \Phi_{30}^{10}\ \Phi_{24}^{10}\ \Phi_{20}^{12}\ \Phi_{15}^{11}\ \Phi_{12}^{10}\ \Phi_{10}^{12}\ \Phi_8^{12}\ \Phi_6^{10}\ \Phi_5^{13}\ \Phi_4^{12}\ \Phi_3^{11}\ \Phi_2^{12}\ \Phi_1^{14}$
81445	1296	420	$\frac{1}{28}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^3\ \Phi_{60}^2\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{28}^6\ \Phi_{21}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{14}^6\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7^6\ \Phi_6^2\ \Phi_5^3\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
81446	1296	255	$\frac{4}{85}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{255}^5\ \Phi_{85}^6\ \Phi_{51}^5\ \Phi_{17}^6\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
81447	1296	300	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{19}{100}$	$\frac{7}{15}$	$\Phi_{300}^5\ \Phi_{150}^5\ \Phi_{100}^6\ \Phi_{75}^5\ \Phi_{50}^6\ \Phi_{25}^6\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
81448	1296	480	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{5}{32}$	$\frac{7}{15}$	$\Phi_{480}^3\ \Phi_{240}^2\ \Phi_{160}^3\ \Phi_{120}^2\ \Phi_{96}^3\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^6\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^4\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_5^3\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
81449	1296	1320	$\frac{1}{15}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{7}{15}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
81450	1296	30	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{7}{15}$	$\Phi_{30}^{40}\ \Phi_{15}^{41}\ \Phi_{10}^{48}\ \Phi_6^{40}\ \Phi_5^{49}\ \Phi_3^{41}\ \Phi_2^{48}\ \Phi_1^{50}$
81451	1296	1387	$\frac{1}{19}$	$\frac{5}{73}$	$\frac{13}{73}$	$\frac{34}{73}$	Φ_{1387}
81452	1296	185	$\frac{11}{185}$	$\frac{13}{185}$	$\frac{29}{185}$	$\frac{86}{185}$	$\Phi_{185}^7\ \Phi_{37}^7\ \Phi_5^7\ \Phi_1^8$
81453	1296	1295	$\frac{29}{1295}$	$\frac{97}{1295}$	$\frac{422}{1295}$	$\frac{599}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
81454	1296	1295	$\frac{97}{1295}$	$\frac{116}{1295}$	$\frac{131}{1295}$	$\frac{599}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
81455	1296	290	$\frac{11}{145}$	$\frac{13}{145}$	$\frac{1}{10}$	$\frac{67}{145}$	$\Phi_{290}^5\ \Phi_{145}^4\ \Phi_{58}^5\ \Phi_{29}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
81456	1296	845	$\frac{7}{169}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{845}^2\ \Phi_{65}$
81457	1296	217	$\frac{13}{217}$	$\frac{17}{217}$	$\frac{1}{7}$	$\frac{100}{217}$	$\Phi_{217}^6\ \Phi_{31}^6\ \Phi_7^5\ \Phi_1^6$
81458	1296	1295	$\frac{59}{1295}$	$\frac{103}{1295}$	$\frac{233}{1295}$	$\frac{596}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
81459	1296	50	$\frac{1}{25}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{50}^{48}\ \Phi_{25}^4\ \Phi_{10}^{48}\ \Phi_5^3\ \Phi_2^{48}\ \Phi_1^4$
81460	1296	1732	$\frac{13}{433}$	$\frac{35}{433}$	$\frac{1}{4}$	$\frac{199}{433}$	$\Phi_{1732}\ \Phi_{866}$
81461	1296	37	$\frac{1}{37}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{37}^{35}\ \Phi_1^{36}$
81462	1296	1947	$\frac{13}{649}$	$\frac{53}{649}$	$\frac{1}{3}$	$\frac{298}{649}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{33}$
81463	1296	1295	$\frac{26}{1295}$	$\frac{109}{1295}$	$\frac{423}{1295}$	$\frac{593}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
81464	1296	1295	$\frac{39}{1295}$	$\frac{109}{1295}$	$\frac{314}{1295}$	$\frac{593}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
81465	1296	165	$\frac{1}{55}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{165}^{12}\ \Phi_{33}^{11}\ \Phi_{15}^{12}\ \Phi_3^{10}$
81466	1296	1177	$\frac{2}{107}$	$\frac{1}{11}$	$\frac{35}{107}$	$\frac{5}{11}$	$\Phi_{1177}\ \Phi_{107}^2\ \Phi_{11}^2\ \Phi_1^4$
81467	1296	1628	$\frac{1}{37}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{1628}\ \Phi_{814}\ \Phi_{148}^2\ \Phi_{74}^2$
81468	1296	1177	$\frac{3}{107}$	$\frac{1}{11}$	$\frac{26}{107}$	$\frac{5}{11}$	$\Phi_{1177}\ \Phi_{107}^2\ \Phi_{11}^2\ \Phi_1^4$
81469	1296	1540	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{220}\ \Phi_{140}^2\ \Phi_{110}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{20}^2\ \Phi_{10}^2$
81470	1296	275	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{275}^5\ \Phi_{55}^5\ \Phi_{25}^4\ \Phi_5^4$
81471	1296	1177	$\frac{5}{107}$	$\frac{1}{11}$	$\frac{17}{107}$	$\frac{5}{11}$	$\Phi_{1177}\ \Phi_{107}^2\ \Phi_{11}^2\ \Phi_1^4$
81472	1296	1463	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{1463}\ \Phi_{133}^2$
81473	1296	1177	$\frac{8}{107}$	$\frac{1}{11}$	$\frac{11}{107}$	$\frac{5}{11}$	$\Phi_{1177}\ \Phi_{107}^2\ \Phi_{11}^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
81474	1296	1430	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{11}$	$\Phi_{1430}\ \Phi_{715}\ \Phi_{286}\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{26}^2$
81475	1296	1295	$\frac{59}{1295}$	$\frac{121}{1295}$	$\frac{206}{1295}$	$\frac{587}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
81476	1296	148	$\frac{1}{37}$	$\frac{7}{74}$	$\frac{9}{37}$	$\frac{67}{148}$	$\Phi_{148}^{16}\ \Phi_{37}^3\ \Phi_4^{16}\ \Phi_1^4$
81477	1296	148	$\frac{2}{37}$	$\frac{7}{74}$	$\frac{5}{37}$	$\frac{67}{148}$	$\Phi_{148}^{16}\ \Phi_{37}^3\ \Phi_4^{16}\ \Phi_1^4$
81478	1296	1387	$\frac{1}{19}$	$\frac{7}{73}$	$\frac{10}{73}$	$\frac{33}{73}$	Φ_{1387}
81479	1296	1295	$\frac{79}{1295}$	$\frac{127}{1295}$	$\frac{152}{1295}$	$\frac{584}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
81480	1296	885	$\frac{1}{59}$	$\frac{29}{295}$	$\frac{1}{3}$	$\frac{133}{295}$	$\Phi_{885}^2\ \Phi_{177}^3\ \Phi_{15}^2\ \Phi_3^2$
81481	1296	1295	$\frac{89}{1295}$	$\frac{129}{1295}$	$\frac{134}{1295}$	$\frac{583}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
81482	1296	1417	$\frac{1}{13}$	$\frac{10}{109}$	$\frac{11}{109}$	$\frac{49}{109}$	Φ_{1417}
81483	1296	196	$\frac{1}{28}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{196}^7\ \Phi_{98}^7\ \Phi_{49}^6\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
81484	1296	185	$\frac{14}{185}$	$\frac{17}{185}$	$\frac{19}{185}$	$\frac{83}{185}$	$\Phi_{185}^7\ \Phi_{37}^7\ \Phi_5^7\ \Phi_1^8$
81485	1296	290	$\frac{2}{29}$	$\frac{1}{10}$	$\frac{3}{29}$	$\frac{13}{29}$	$\Phi_{290}^5\ \Phi_{145}^5\ \Phi_{58}^5\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4$
81486	1296	1467	$\frac{10}{163}$	$\frac{17}{163}$	$\frac{1}{9}$	$\frac{73}{163}$	$\Phi_{1467}\ \Phi_{489}$
81487	1296	1295	$\frac{62}{1295}$	$\frac{137}{1295}$	$\frac{179}{1295}$	$\frac{579}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
81488	1296	217	$\frac{10}{217}$	$\frac{23}{217}$	$\frac{1}{7}$	$\frac{97}{217}$	$\Phi_{217}^6\ \Phi_{31}^6\ \Phi_7^5\ \Phi_1^6$
81489	1296	1295	$\frac{44}{1295}$	$\frac{139}{1295}$	$\frac{239}{1295}$	$\frac{578}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
81490	1296	65	$\frac{2}{65}$	$\frac{7}{65}$	$\frac{1}{5}$	$\frac{29}{65}$	$\Phi_{65}^{20}\ \Phi_{13}^{20}\ \Phi_5^{19}\ \Phi_1^{20}$
81491	1296	1732	$\frac{10}{433}$	$\frac{47}{433}$	$\frac{1}{4}$	$\frac{193}{433}$	$\Phi_{1732}\ \Phi_{866}$
81492	1296	1295	$\frac{26}{1295}$	$\frac{141}{1295}$	$\frac{359}{1295}$	$\frac{577}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
81493	1296	1947	$\frac{10}{649}$	$\frac{71}{649}$	$\frac{1}{3}$	$\frac{289}{649}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{33}$
81494	1296	259	$\frac{4}{259}$	$\frac{29}{259}$	$\frac{85}{259}$	$\frac{115}{259}$	$\Phi_{259}^5\ \Phi_{37}^5\ \Phi_7^5\ \Phi_1^6$
81495	1296	259	$\frac{16}{259}$	$\frac{27}{259}$	$\frac{29}{259}$	$\frac{115}{259}$	$\Phi_{259}^5\ \Phi_{37}^5\ \Phi_7^5\ \Phi_1^6$
81496	1296	290	$\frac{9}{145}$	$\frac{1}{10}$	$\frac{17}{145}$	$\frac{64}{145}$	$\Phi_{290}^5\ \Phi_{145}^4\ \Phi_{58}^5\ \Phi_{29}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
81497	1296	275	$\frac{1}{55}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{275}^5\ \Phi_{55}^4\ \Phi_{25}^4\ \Phi_{11}^4\ \Phi_5^3\ \Phi_1^4$
81498	1296	1295	$\frac{39}{1295}$	$\frac{157}{1295}$	$\frac{242}{1295}$	$\frac{569}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
81499	1296	1732	$\frac{9}{433}$	$\frac{53}{433}$	$\frac{1}{4}$	$\frac{190}{433}$	$\Phi_{1732}\ \Phi_{866}$
81500	1296	3504	$\frac{1}{73}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{3504}\ \Phi_{219}$
81501	1296	2288	$\frac{2}{143}$	$\frac{1}{8}$	$\frac{47}{143}$	$\frac{7}{16}$	$\Phi_{2288}\ \Phi_{208}\ \Phi_{176}\ \Phi_{143}\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{11}\ \Phi_1^2$
81502	1296	784	$\frac{1}{49}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{784}^3\ \Phi_{196}\ \Phi_{112}^3\ \Phi_{98}\ \Phi_{28}\ \Phi_{14}$
81503	1296	2288	$\frac{3}{143}$	$\frac{1}{8}$	$\frac{35}{143}$	$\frac{7}{16}$	$\Phi_{2288}\ \Phi_{208}\ \Phi_{176}\ \Phi_{143}\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{11}\ \Phi_1^2$
81504	1296	2960	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{2960}\ \Phi_{185}$
81505	1296	2288	$\frac{5}{143}$	$\frac{1}{8}$	$\frac{23}{143}$	$\frac{7}{16}$	$\Phi_{2288}\ \Phi_{208}\ \Phi_{176}\ \Phi_{143}\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{11}\ \Phi_1^2$
81506	1296	2800	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{175}\ \Phi_{35}$
81507	1296	2288	$\frac{7}{143}$	$\frac{17}{143}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2288}\ \Phi_{208}\ \Phi_{176}\ \Phi_{143}\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{11}\ \Phi_1^2$
81508	1296	2736	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{171}\ \Phi_{57}$
81509	1296	2288	$\frac{8}{143}$	$\frac{15}{143}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2288}\ \Phi_{208}\ \Phi_{176}\ \Phi_{143}\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{11}\ \Phi_1^2$
81510	1296	1360	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1360}^2\ \Phi_{272}\ \Phi_{170}\ \Phi_{85}\ \Phi_{34}$
81511	1296	1232	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1232}^2\ \Phi_{176}\ \Phi_{112}^2\ \Phi_{77}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_1^2$
81512	1296	208	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{208}^{11}\ \Phi_{16}^{12}\ \Phi_{13}^{11}\ \Phi_1^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
81513	1296	1295	$\frac{27}{1295}$	$\frac{163}{1295}$	$\frac{317}{1295}$	$\frac{566}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81514	1296	37	$\frac{1}{37}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{37}^{35}\ \Phi_{1}^{36}$
81515	1296	1295	$\frac{41}{1295}$	$\frac{181}{1295}$	$\frac{209}{1295}$	$\frac{557}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81516	1296	1722	$\frac{1}{82}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1722}\ \Phi_{861}\ \Phi_{246}^{2}\ \Phi_{123}^{2}\ \Phi_{42}\ \Phi_{6}^{2}$
81517	1296	161	$\frac{2}{161}$	$\frac{1}{7}$	$\frac{53}{161}$	$\frac{3}{7}$	$\Phi_{161}^{8}\ \Phi_{23}^{8}\ \Phi_{7}^{9}\ \Phi_{1}^{10}$
81518	1296	329	$\frac{5}{329}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{329}^{4}\ \Phi_{47}^{4}\ \Phi_{7}\ \Phi_{1}^{2}$
81519	1296	1540	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{308}\ \Phi_{220}^{2}\ \Phi_{154}\ \Phi_{140}\ \Phi_{110}^{2}\ \Phi_{70}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
81520	1296	805	$\frac{4}{161}$	$\frac{1}{7}$	$\frac{157}{805}$	$\frac{3}{7}$	$\Phi_{805}^{2}\ \Phi_{115}^{2}\ \Phi_{35}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
81521	1296	161	$\frac{5}{161}$	$\frac{1}{7}$	$\frac{26}{161}$	$\frac{3}{7}$	$\Phi_{161}^{8}\ \Phi_{23}^{8}\ \Phi_{7}^{9}\ \Phi_{1}^{10}$
81522	1296	28	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{28}^{48}\ \Phi_{14}^{48}\ \Phi_{7}^{41}\ \Phi_{4}^{48}\ \Phi_{2}^{48}\ \Phi_{1}^{42}$
81523	1296	644	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{644}^{2}\ \Phi_{322}^{2}\ \Phi_{161}\ \Phi_{92}^{4}\ \Phi_{46}^{4}\ \Phi_{28}^{2}\ \Phi_{23}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
81524	1296	161	$\frac{8}{161}$	$\frac{17}{161}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{161}^{8}\ \Phi_{23}^{8}\ \Phi_{7}^{9}\ \Phi_{1}^{10}$
81525	1296	1330	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{266}\ \Phi_{190}^{2}\ \Phi_{95}^{2}\ \Phi_{38}^{2}$
81526	1296	1295	$\frac{62}{1295}$	$\frac{137}{1295}$	$\frac{193}{1295}$	$\frac{551}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81527	1296	1387	$\frac{1}{19}$	$\frac{7}{73}$	$\frac{11}{73}$	$\frac{31}{73}$	Φ_{1387}
81528	1296	1295	$\frac{83}{1295}$	$\frac{101}{1295}$	$\frac{199}{1295}$	$\frac{548}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81529	1296	1417	$\frac{7}{109}$	$\frac{1}{13}$	$\frac{17}{109}$	$\frac{46}{109}$	Φ_{1417}
81530	1296	140	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{11}{70}$	$\frac{59}{140}$	$\Phi_{140}^{16}\ \Phi_{35}^{5}\ \Phi_{28}^{16}\ \Phi_{20}^{16}\ \Phi_{7}^{5}\ \Phi_{5}^{5}\ \Phi_{4}^{16}\ \Phi_{1}^{6}$
81531	1296	259	$\frac{13}{259}$	$\frac{25}{259}$	$\frac{41}{259}$	$\frac{109}{259}$	$\Phi_{259}^{5}\ \Phi_{37}^{5}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
81532	1296	290	$\frac{7}{145}$	$\frac{1}{10}$	$\frac{23}{145}$	$\frac{61}{145}$	$\Phi_{290}^{5}\ \Phi_{145}^{4}\ \Phi_{58}^{5}\ \Phi_{29}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
81533	1296	217	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{5}{31}$	$\frac{13}{31}$	$\Phi_{217}^{7}\ \Phi_{7}^{6}$
81534	1296	1295	$\frac{41}{1295}$	$\frac{188}{1295}$	$\frac{209}{1295}$	$\frac{543}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81535	1296	1295	$\frac{29}{1295}$	$\frac{211}{1295}$	$\frac{251}{1295}$	$\frac{542}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81536	1296	325	$\frac{7}{325}$	$\frac{53}{325}$	$\frac{1}{5}$	$\frac{136}{325}$	$\Phi_{325}^{4}\ \Phi_{65}^{4}\ \Phi_{25}^{4}\ \Phi_{13}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
81537	1296	1732	$\frac{7}{433}$	$\frac{71}{433}$	$\frac{1}{4}$	$\frac{181}{433}$	$\Phi_{1732}\ \Phi_{866}$
81538	1296	1295	$\frac{17}{1295}$	$\frac{213}{1295}$	$\frac{377}{1295}$	$\frac{541}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81539	1296	1947	$\frac{7}{649}$	$\frac{107}{649}$	$\frac{1}{3}$	$\frac{271}{649}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{33}$
81540	1296	185	$\frac{2}{185}$	$\frac{31}{185}$	$\frac{61}{185}$	$\frac{77}{185}$	$\Phi_{185}^{7}\ \Phi_{37}^{7}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
81541	1296	185	$\frac{1}{37}$	$\frac{6}{37}$	$\frac{31}{185}$	$\frac{77}{185}$	$\Phi_{185}^{6}\ \Phi_{37}^{11}\ \Phi_{5}^{6}\ \Phi_{1}^{12}$
81542	1296	1394	$\frac{1}{82}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1394}\ \Phi_{697}\ \Phi_{34}$
81543	1296	1085	$\frac{6}{217}$	$\frac{1}{7}$	$\frac{211}{1085}$	$\frac{437}{1085}$	$\Phi_{1085}\ \Phi_{217}^{2}\ \Phi_{155}\ \Phi_{35}\ \Phi_{31}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81544	1296	1635	$\frac{1}{109}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1635}\ \Phi_{327}^{2}$
81545	1296	215	$\frac{2}{215}$	$\frac{1}{5}$	$\frac{71}{215}$	$\frac{2}{5}$	$\Phi_{215}^{6}\ \Phi_{43}^{6}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
81546	1296	1460	$\frac{1}{73}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1460}\ \Phi_{730}\ \Phi_{292}^{2}\ \Phi_{146}^{2}$
81547	1296	215	$\frac{3}{215}$	$\frac{1}{5}$	$\frac{53}{215}$	$\frac{2}{5}$	$\Phi_{215}^{6}\ \Phi_{43}^{6}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
81548	1296	55	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{55}^{24}\ \Phi_{11}^{24}\ \Phi_{5}^{19}\ \Phi_{1}^{20}$
81549	1296	215	$\frac{1}{43}$	$\frac{7}{43}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{215}^{5}\ \Phi_{43}^{10}\ \Phi_{5}^{6}\ \Phi_{1}^{12}$
81550	1296	1295	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1295}\ \Phi_{259}^{2}$
81551	1296	215	$\frac{7}{215}$	$\frac{26}{215}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{215}^{6}\ \Phi_{43}^{6}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
81552	1296	1260	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
81553	1296	215	$\frac{8}{215}$	$\frac{23}{215}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{215}^6\ \Phi_{43}^6\ \Phi_5^7\ \Phi_1^8$
81554	1296	50	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{50}^{30}\ \Phi_{25}^{24}\ \Phi_{10}^{24}\ \Phi_5^{19}\ \Phi_2^{24}\ \Phi_1^{20}$
81555	1296	215	$\frac{11}{215}$	$\frac{17}{215}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{215}^6\ \Phi_{43}^6\ \Phi_5^7\ \Phi_1^8$
81556	1296	1235	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1235}\ \Phi_{247}^2$
81557	1296	1295	$\frac{29}{1295}$	$\frac{211}{1295}$	$\frac{271}{1295}$	$\frac{512}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
81558	1296	1295	$\frac{11}{1295}$	$\frac{289}{1295}$	$\frac{428}{1295}$	$\frac{503}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
81559	1296	1295	$\frac{44}{1295}$	$\frac{139}{1295}$	$\frac{289}{1295}$	$\frac{503}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
81560	1296	196	$\frac{1}{28}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{196}^7\ \Phi_{98}^7\ \Phi_{49}^6\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
81561	1296	1100	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{1100}^2\ \Phi_{275}\ \Phi_{220}^2\ \Phi_{100}^2\ \Phi_{55}\ \Phi_{20}^2$
81562	1296	1417	$\frac{1}{109}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{1417}
81563	1296	1387	$\frac{1}{19}$	$\frac{5}{73}$	$\frac{17}{73}$	$\frac{28}{73}$	Φ_{1387}
81564	1296	1295	$\frac{67}{1295}$	$\frac{89}{1295}$	$\frac{307}{1295}$	$\frac{494}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
81565	1296	290	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{7}{29}$	$\frac{11}{29}$	$\Phi_{290}^5\ \Phi_{145}^5\ \Phi_{58}^5\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4$
81566	1296	1295	$\frac{43}{1295}$	$\frac{134}{1295}$	$\frac{313}{1295}$	$\frac{491}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
81567	1296	185	$\frac{1}{37}$	$\frac{23}{185}$	$\frac{9}{37}$	$\frac{14}{37}$	$\Phi_{185}^8\ \Phi_{37}^3\ \Phi_5^8\ \Phi_1^4$
81568	1296	217	$\frac{5}{217}$	$\frac{1}{7}$	$\frac{53}{217}$	$\frac{82}{217}$	$\Phi_{217}^6\ \Phi_{31}^6\ \Phi_7^5\ \Phi_1^6$
81569	1296	130	$\frac{1}{65}$	$\frac{1}{5}$	$\frac{16}{65}$	$\frac{49}{130}$	$\Phi_{130}^{16}\ \Phi_{65}^4\ \Phi_{26}^{16}\ \Phi_{13}^4\ \Phi_{10}^{16}\ \Phi_5^3\ \Phi_2^{16}\ \Phi_1^4$
81570	1296	1295	$\frac{19}{1295}$	$\frac{269}{1295}$	$\frac{319}{1295}$	$\frac{488}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
81571	1296	1732	$\frac{5}{433}$	$\frac{107}{433}$	$\frac{1}{4}$	$\frac{163}{433}$	$\Phi_{1732}\ \Phi_{866}$
81572	1296	1295	$\frac{11}{1295}$	$\frac{321}{1295}$	$\frac{404}{1295}$	$\frac{487}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
81573	1296	1947	$\frac{5}{649}$	$\frac{161}{649}$	$\frac{1}{3}$	$\frac{244}{649}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{33}$
81574	1296	1568	$\frac{1}{49}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{224}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{28}\ \Phi_{14}$
81575	1296	259	$\frac{3}{259}$	$\frac{64}{259}$	$\frac{65}{259}$	$\frac{97}{259}$	$\Phi_{259}^5\ \Phi_{37}^5\ \Phi_7^5\ \Phi_1^6$
81576	1296	1387	$\frac{1}{73}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	Φ_{1387}
81577	1296	1295	$\frac{23}{1295}$	$\frac{212}{1295}$	$\frac{361}{1295}$	$\frac{467}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
81578	1296	275	$\frac{1}{55}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{275}^5\ \Phi_{55}^4\ \Phi_{25}^4\ \Phi_{11}^4\ \Phi_5^3\ \Phi_1^4$
81579	1296	98	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{98}^{21}\ \Phi_{49}^6\ \Phi_{14}^{18}\ \Phi_7^5\ \Phi_2^{18}\ \Phi_1^6$
81580	1296	1295	$\frac{31}{1295}$	$\frac{158}{1295}$	$\frac{379}{1295}$	$\frac{458}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
81581	1296	37	$\frac{1}{37}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{37}^{35}\ \Phi_1^{36}$
81582	1296	196	$\frac{1}{28}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{196}^7\ \Phi_{98}^7\ \Phi_{49}^6\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
81583	1296	1295	$\frac{47}{1295}$	$\frac{104}{1295}$	$\frac{397}{1295}$	$\frac{449}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
81584	1296	275	$\frac{1}{25}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{275}^5\ \Phi_{55}^4\ \Phi_{25}^4\ \Phi_{11}^4\ \Phi_5^3\ \Phi_1^4$
81585	1296	1387	$\frac{1}{19}$	$\frac{4}{73}$	$\frac{23}{73}$	$\frac{25}{73}$	Φ_{1387}
81586	1296	1295	$\frac{68}{1295}$	$\frac{71}{1295}$	$\frac{409}{1295}$	$\frac{443}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
81587	1296	259	$\frac{10}{259}$	$\frac{19}{259}$	$\frac{83}{259}$	$\frac{88}{259}$	$\Phi_{259}^5\ \Phi_{37}^5\ \Phi_7^5\ \Phi_1^6$
81588	1296	1417	$\frac{4}{109}$	$\frac{1}{13}$	$\frac{35}{109}$	$\frac{37}{109}$	Φ_{1417}
81589	1296	1295	$\frac{44}{1295}$	$\frac{107}{1295}$	$\frac{417}{1295}$	$\frac{439}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
81590	1296	290	$\frac{4}{145}$	$\frac{1}{10}$	$\frac{47}{145}$	$\frac{49}{145}$	$\Phi_{290}^5\ \Phi_{145}^4\ \Phi_{58}^5\ \Phi_{29}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
81591	1296	1295	$\frac{32}{1295}$	$\frac{143}{1295}$	$\frac{421}{1295}$	$\frac{437}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81592	1296	1467	$\frac{4}{163}$	$\frac{1}{9}$	$\frac{53}{163}$	$\frac{55}{163}$	$\Phi_{1467}\ \Phi_{489}$
81593	1296	217	$\frac{4}{217}$	$\frac{1}{7}$	$\frac{71}{217}$	$\frac{73}{217}$	$\Phi_{217}^{6}\ \Phi_{31}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
81594	1296	259	$\frac{4}{259}$	$\frac{43}{259}$	$\frac{85}{259}$	$\frac{87}{259}$	$\Phi_{259}^{5}\ \Phi_{37}^{5}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
81595	1296	325	$\frac{4}{325}$	$\frac{1}{5}$	$\frac{107}{325}$	$\frac{109}{325}$	$\Phi_{325}^{4}\ \Phi_{65}^{4}\ \Phi_{25}^{4}\ \Phi_{13}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
81596	1296	185	$\frac{2}{185}$	$\frac{41}{185}$	$\frac{61}{185}$	$\frac{62}{185}$	$\Phi_{185}^{7}\ \Phi_{37}^{7}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
81597	1296	1732	$\frac{4}{433}$	$\frac{1}{4}$	$\frac{143}{433}$	$\frac{145}{433}$	$\Phi_{1732}\ \Phi_{866}$
81598	1296	1295	$\frac{8}{1295}$	$\frac{429}{1295}$	$\frac{431}{1295}$	$\frac{433}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81599	1296	1947	$\frac{4}{649}$	$\frac{215}{649}$	$\frac{1}{3}$	$\frac{217}{649}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{33}$
81600	1296	489	$\frac{1}{163}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{489}^{3}\ \Phi_{163}^{2}$
81601	1296	969	$\frac{2}{323}$	$\frac{107}{323}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{969}\ \Phi_{323}^{2}\ \Phi_{57}\ \Phi_{51}\ \Phi_{19}^{2}\ \Phi_{17}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
81602	1296	1308	$\frac{1}{109}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1308}\ \Phi_{654}\ \Phi_{436}^{2}\ \Phi_{218}^{2}$
81603	1296	969	$\frac{3}{323}$	$\frac{80}{323}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{969}\ \Phi_{323}^{2}\ \Phi_{57}\ \Phi_{51}\ \Phi_{19}^{2}\ \Phi_{17}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
81604	1296	1230	$\frac{1}{82}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{410}^{2}\ \Phi_{205}^{2}\ \Phi_{30}\ \Phi_{10}^{2}$
81605	1296	969	$\frac{5}{323}$	$\frac{53}{323}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{969}\ \Phi_{323}^{2}\ \Phi_{57}\ \Phi_{51}\ \Phi_{19}^{2}\ \Phi_{17}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
81606	1296	1155	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}^{2}\ \Phi_{231}\ \Phi_{105}\ \Phi_{77}^{2}\ \Phi_{35}^{2}$
81607	1296	969	$\frac{8}{323}$	$\frac{35}{323}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{969}\ \Phi_{323}^{2}\ \Phi_{57}\ \Phi_{51}\ \Phi_{19}^{2}\ \Phi_{17}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
81608	1296	1110	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1110}\ \Phi_{555}\ \Phi_{370}^{2}\ \Phi_{222}\ \Phi_{185}^{2}\ \Phi_{74}^{2}$
81609	1296	969	$\frac{11}{323}$	$\frac{26}{323}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{969}\ \Phi_{323}^{2}\ \Phi_{57}\ \Phi_{51}\ \Phi_{19}^{2}\ \Phi_{17}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
81610	1296	1092	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}^{2}\ \Phi_{273}\ \Phi_{182}^{2}\ \Phi_{156}\ \Phi_{91}^{2}\ \Phi_{78}\ \Phi_{52}^{2}\ \Phi_{26}^{2}$
81611	1296	255	$\frac{4}{85}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{255}^{4}\ \Phi_{85}^{8}\ \Phi_{51}^{3}\ \Phi_{17}^{6}\ \Phi_{15}^{4}\ \Phi_{5}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
81612	1296	57	$\frac{1}{19}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{57}^{17}\ \Phi_{19}^{34}\ \Phi_{3}^{18}\ \Phi_{1}^{36}$
81613	1296	2580	$\frac{2}{215}$	$\frac{1}{4}$	$\frac{71}{215}$	$\frac{1}{3}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{516}\ \Phi_{258}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
81614	1296	1947	$\frac{7}{649}$	$\frac{145}{649}$	$\frac{214}{649}$	$\frac{1}{3}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{33}$
81615	1296	2415	$\frac{2}{161}$	$\frac{1}{5}$	$\frac{53}{161}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{345}\ \Phi_{105}\ \Phi_{15}^{2}$
81616	1296	1947	$\frac{10}{649}$	$\frac{109}{649}$	$\frac{213}{649}$	$\frac{1}{3}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{33}$
81617	1296	2247	$\frac{2}{107}$	$\frac{1}{7}$	$\frac{35}{107}$	$\frac{1}{3}$	$\Phi_{2247}\ \Phi_{21}^{2}$
81618	1296	1947	$\frac{16}{649}$	$\frac{73}{649}$	$\frac{211}{649}$	$\frac{1}{3}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{33}$
81619	1296	360	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{13}{40}$	$\frac{1}{3}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{2}\ \Phi_{90}^{4}\ \Phi_{72}^{4}\ \Phi_{60}^{2}\ \Phi_{45}^{4}\ \Phi_{40}^{4}\ \Phi_{36}^{4}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{4}$ $\Phi_{18}^{4}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{4}\ \Phi_{9}^{6}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
81620	1296	2130	$\frac{2}{71}$	$\frac{1}{10}$	$\frac{23}{71}$	$\frac{1}{3}$	$\Phi_{2130}\ \Phi_{1065}\ \Phi_{426}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}$
81621	1296	957	$\frac{10}{319}$	$\frac{1}{11}$	$\frac{103}{319}$	$\frac{1}{3}$	$\Phi_{957}^{2}\ \Phi_{87}^{2}\ \Phi_{33}^{3}\ \Phi_{3}^{2}$
81622	1296	177	$\frac{2}{59}$	$\frac{5}{59}$	$\frac{19}{59}$	$\frac{1}{3}$	$\Phi_{177}^{11}\ \Phi_{3}^{10}$
81623	1296	2067	$\frac{2}{53}$	$\frac{1}{13}$	$\frac{17}{53}$	$\frac{1}{3}$	$\Phi_{2067}\ \Phi_{39}^{2}$
81624	1296	1947	$\frac{25}{649}$	$\frac{49}{649}$	$\frac{208}{649}$	$\frac{1}{3}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{33}$
81625	1296	1947	$\frac{34}{649}$	$\frac{37}{649}$	$\frac{205}{649}$	$\frac{1}{3}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{33}$
81626	1296	1995	$\frac{1}{19}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{399}\ \Phi_{285}\ \Phi_{57}^{2}$
81627	1296	975	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{975}^{2}\ \Phi_{195}^{2}\ \Phi_{75}^{3}\ \Phi_{15}^{3}$
81628	1296	1947	$\frac{25}{649}$	$\frac{52}{649}$	$\frac{199}{649}$	$\frac{1}{3}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{33}$
81629	1296	1932	$\frac{1}{28}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{483}\ \Phi_{276}\ \Phi_{138}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
81630	1296	1947	$\frac{19}{649}$	$\frac{70}{649}$	$\frac{193}{649}$	$\frac{1}{3}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{33}$
81631	1296	1887	$\frac{1}{37}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{1887}\ \Phi_{111}^2$
81632	1296	1947	$\frac{17}{649}$	$\frac{79}{649}$	$\frac{190}{649}$	$\frac{1}{3}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{33}$
81633	1296	1947	$\frac{13}{649}$	$\frac{106}{649}$	$\frac{181}{649}$	$\frac{1}{3}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{33}$
81634	1296	165	$\frac{1}{55}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{165}^{12}\ \Phi_{33}^{11}\ \Phi_{15}^{12}\ \Phi_{3}^{10}$
81635	1296	885	$\frac{1}{59}$	$\frac{58}{295}$	$\frac{79}{295}$	$\frac{1}{3}$	$\Phi_{885}^2\ \Phi_{177}^3\ \Phi_{15}^2\ \Phi_{3}^2$
81636	1296	1947	$\frac{9}{649}$	$\frac{160}{649}$	$\frac{163}{649}$	$\frac{1}{3}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{33}$
81637	1296	876	$\frac{1}{73}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{876}^2\ \Phi_{438}^2\ \Phi_{219}^3$
81638	1296	2580	$\frac{3}{215}$	$\frac{53}{215}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{516}\ \Phi_{258}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_{6}^2$
81639	1296	660	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{12}^4\ \Phi_{6}^4$
81640	1296	516	$\frac{1}{43}$	$\frac{7}{43}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{516}^5\ \Phi_{258}^5\ \Phi_{12}^6\ \Phi_{6}^6$
81641	1296	3108	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3108}\ \Phi_{1554}$
81642	1296	2580	$\frac{7}{215}$	$\frac{26}{215}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{516}\ \Phi_{258}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_{6}^2$
81643	1296	252	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^3\ \Phi_{63}^6\ \Phi_{42}^3\ \Phi_{36}^4\ \Phi_{28}^6\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^6\ \Phi_{12}^2\ \Phi_{9}^6\ \Phi_{7}^6\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
81644	1296	2580	$\frac{8}{215}$	$\frac{23}{215}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{516}\ \Phi_{258}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_{6}^2$
81645	1296	300	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^9\ \Phi_{150}^4\ \Phi_{75}^5\ \Phi_{60}^7\ \Phi_{30}^3\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_{6}^4\ \Phi_{3}^4$
81646	1296	2580	$\frac{11}{215}$	$\frac{17}{215}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{516}\ \Phi_{258}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_{6}^2$
81647	1296	2964	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2964}\ \Phi_{1482}$
81648	1296	2247	$\frac{3}{107}$	$\frac{1}{7}$	$\frac{26}{107}$	$\frac{1}{3}$	$\Phi_{2247}\ \Phi_{21}^2$
81649	1296	1947	$\frac{21}{649}$	$\frac{82}{649}$	$\frac{157}{649}$	$\frac{1}{3}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{33}$
81650	1296	2130	$\frac{3}{71}$	$\frac{1}{10}$	$\frac{17}{71}$	$\frac{1}{3}$	$\Phi_{2130}\ \Phi_{1065}\ \Phi_{426}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
81651	1296	177	$\frac{3}{59}$	$\frac{5}{59}$	$\frac{14}{59}$	$\frac{1}{3}$	$\Phi_{177}^{11}\ \Phi_{3}^{10}$
81652	1296	1995	$\frac{1}{19}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{399}\ \Phi_{285}\ \Phi_{57}^2$
81653	1296	1947	$\frac{28}{649}$	$\frac{69}{649}$	$\frac{145}{649}$	$\frac{1}{3}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{33}$
81654	1296	1932	$\frac{1}{28}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{483}\ \Phi_{276}\ \Phi_{138}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_{6}^2$
81655	1296	1947	$\frac{19}{649}$	$\frac{105}{649}$	$\frac{136}{649}$	$\frac{1}{3}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{33}$
81656	1296	2415	$\frac{5}{161}$	$\frac{26}{161}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{345}\ \Phi_{105}\ \Phi_{15}^2$
81657	1296	420	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{420}^6\ \Phi_{210}^6\ \Phi_{105}^5\ \Phi_{60}^6\ \Phi_{30}^6\ \Phi_{15}^6$
81658	1296	1380	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1380}^2\ \Phi_{690}^2\ \Phi_{345}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^2$
81659	1296	765	$\frac{4}{85}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{765}^2\ \Phi_{255}\ \Phi_{153}^2\ \Phi_{85}^2\ \Phi_{51}\ \Phi_{17}^2\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
81660	1296	2415	$\frac{8}{161}$	$\frac{17}{161}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{345}\ \Phi_{105}\ \Phi_{15}^2$
81661	1296	570	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{570}^4\ \Phi_{285}^3\ \Phi_{114}^4\ \Phi_{57}^4$
81662	1296	900	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{19}{100}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}\ \Phi_{225}^2\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
81663	1296	177	$\frac{4}{59}$	$\frac{5}{59}$	$\frac{11}{59}$	$\frac{1}{3}$	$\Phi_{177}^{11}\ \Phi_{3}^{10}$
81664	1296	231	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{231}^9\ \Phi_{33}^5\ \Phi_{21}^9\ \Phi_{3}^4$
81665	1296	2247	$\frac{5}{107}$	$\frac{1}{7}$	$\frac{17}{107}$	$\frac{1}{3}$	$\Phi_{2247}\ \Phi_{21}^2$
81666	1296	1947	$\frac{31}{649}$	$\frac{91}{649}$	$\frac{103}{649}$	$\frac{1}{3}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{33}$
81667	1296	288	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{5}{32}$	$\frac{1}{3}$	$\Phi_{288}^6\ \Phi_{144}^4\ \Phi_{96}^3\ \Phi_{72}^4\ \Phi_{48}^2\ \Phi_{36}^4\ \Phi_{32}^6\ \Phi_{24}^2\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{12}^2\ \Phi_{9}^6\ \Phi_{8}^4\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
81668	1296	2130	$\frac{5}{71}$	$\frac{1}{10}$	$\frac{11}{71}$	$\frac{1}{3}$	$\Phi_{2130}\ \Phi_{1065}\ \Phi_{426}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
81669	1296	1947	$\frac{49}{649}$	$\frac{61}{649}$	$\frac{100}{649}$	$\frac{1}{3}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{33}$
81670	1296	2067	$\frac{1}{13}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{3}$	$\Phi_{2067}\ \Phi_{39}^2$
81671	1296	1947	$\frac{46}{649}$	$\frac{67}{649}$	$\frac{97}{649}$	$\frac{1}{3}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{33}$
81672	1296	399	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{399}^5\ \Phi_{57}^6$
81673	1296	2247	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2247}\ \Phi_{21}^2$
81674	1296	2730	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}$
81675	1296	792	$\frac{7}{88}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
81676	1296	2130	$\frac{7}{71}$	$\frac{1}{10}$	$\frac{8}{71}$	$\frac{1}{3}$	$\Phi_{2130}\ \Phi_{1065}\ \Phi_{426}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
81677	1296	1947	$\frac{64}{649}$	$\frac{65}{649}$	$\frac{73}{649}$	$\frac{1}{3}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{33}$
81678	1296	90	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{90}^{16}\ \Phi_{45}^{16}\ \Phi_{30}^8\ \Phi_{18}^{16}\ \Phi_{15}^8\ \Phi_{10}^{16}\ \Phi_{9}^{18}\ \Phi_{6}^8\ \Phi_{5}^{16}\ \Phi_{3}^9\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
81679	1296	572	$\frac{2}{143}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{47}{143}$	$\Phi_{572}^2\ \Phi_{286}^2\ \Phi_{143}^3\ \Phi_{52}^2\ \Phi_{44}^2\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{13}^3\ \Phi_{11}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
81680	1296	259	$\frac{4}{259}$	$\frac{58}{259}$	$\frac{67}{259}$	$\frac{85}{259}$	$\Phi_{259}^5\ \Phi_{37}^5\ \Phi_{7}^5\ \Phi_{1}^6$
81681	1296	1732	$\frac{7}{433}$	$\frac{97}{433}$	$\frac{1}{4}$	$\frac{142}{433}$	$\Phi_{1732}\ \Phi_{866}$
81682	1296	1177	$\frac{2}{107}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{35}{107}$	$\Phi_{1177}\ \Phi_{107}^2\ \Phi_{11}^2\ \Phi_{1}^4$
81683	1296	2140	$\frac{2}{107}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{35}{107}$	$\Phi_{2140}\ \Phi_{1070}\ \Phi_{20}^2\ \Phi_{10}^2$
81684	1296	1295	$\frac{26}{1295}$	$\frac{218}{1295}$	$\frac{359}{1295}$	$\frac{423}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
81685	1296	325	$\frac{7}{325}$	$\frac{1}{5}$	$\frac{73}{325}$	$\frac{106}{325}$	$\Phi_{325}^4\ \Phi_{65}^4\ \Phi_{25}^4\ \Phi_{13}^4\ \Phi_{5}^3\ \Phi_{1}^4$
81686	1296	1295	$\frac{29}{1295}$	$\frac{251}{1295}$	$\frac{291}{1295}$	$\frac{422}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
81687	1296	1732	$\frac{10}{433}$	$\frac{73}{433}$	$\frac{1}{4}$	$\frac{141}{433}$	$\Phi_{1732}\ \Phi_{866}$
81688	1296	40	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{13}{40}$	$\Phi_{40}^{32}\ \Phi_{20}^{32}\ \Phi_{10}^{32}\ \Phi_{8}^{32}\ \Phi_{5}^{35}\ \Phi_{4}^{32}\ \Phi_{2}^{32}\ \Phi_{1}^{36}$
81689	1296	1207	$\frac{2}{71}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{23}{71}$	$\Phi_{1207}\ \Phi_{71}^2\ \Phi_{17}^2\ \Phi_{1}^4$
81690	1296	1988	$\frac{2}{71}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{23}{71}$	$\Phi_{1988}\ \Phi_{994}\ \Phi_{28}^2\ \Phi_{14}^2$
81691	1296	1295	$\frac{38}{1295}$	$\frac{146}{1295}$	$\frac{383}{1295}$	$\frac{419}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
81692	1296	1295	$\frac{38}{1295}$	$\frac{219}{1295}$	$\frac{269}{1295}$	$\frac{419}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
81693	1296	65	$\frac{2}{65}$	$\frac{11}{65}$	$\frac{1}{5}$	$\frac{21}{65}$	$\Phi_{65}^{20}\ \Phi_{13}^{20}\ \Phi_{5}^{19}\ \Phi_{1}^{20}$
81694	1296	217	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{7}{31}$	$\frac{10}{31}$	$\Phi_{217}^7\ \Phi_{7}^6$
81695	1296	1295	$\frac{47}{1295}$	$\frac{167}{1295}$	$\frac{293}{1295}$	$\frac{416}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
81696	1296	1732	$\frac{16}{433}$	$\frac{49}{433}$	$\frac{1}{4}$	$\frac{139}{433}$	$\Phi_{1732}\ \Phi_{866}$
81697	1296	1219	$\frac{2}{53}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{17}{53}$	$\Phi_{1219}\ \Phi_{53}^2\ \Phi_{23}^2\ \Phi_{1}^4$
81698	1296	1908	$\frac{2}{53}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{17}{53}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{636}\ \Phi_{318}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{6}^2$
81699	1296	1219	$\frac{2}{53}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{17}{53}$	$\Phi_{1219}\ \Phi_{53}^2\ \Phi_{23}^2\ \Phi_{1}^4$
81700	1296	1855	$\frac{2}{53}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{17}{53}$	$\Phi_{1855}\ \Phi_{35}^2$
81701	1296	259	$\frac{10}{259}$	$\frac{22}{259}$	$\frac{79}{259}$	$\frac{83}{259}$	$\Phi_{259}^5\ \Phi_{37}^5\ \Phi_{7}^5\ \Phi_{1}^6$
81702	1296	125	$\frac{1}{25}$	$\frac{17}{125}$	$\frac{1}{5}$	$\frac{8}{25}$	$\Phi_{125}^{12}\ \Phi_{25}^4\ \Phi_{5}^3\ \Phi_{1}^4$
81703	1296	611	$\frac{2}{47}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{15}{47}$	$\Phi_{611}^2\ \Phi_{47}^3\ \Phi_{13}^4\ \Phi_{1}^6$
81704	1296	940	$\frac{2}{47}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{15}{47}$	$\Phi_{940}^2\ \Phi_{470}\ \Phi_{235}\ \Phi_{188}\ \Phi_{47}\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
81705	1296	1467	$\frac{7}{163}$	$\frac{1}{9}$	$\frac{37}{163}$	$\frac{52}{163}$	$\Phi_{1467}\ \Phi_{489}$
81706	1296	185	$\frac{8}{185}$	$\frac{14}{185}$	$\frac{57}{185}$	$\frac{59}{185}$	$\Phi_{185}^7\ \Phi_{37}^7\ \Phi_{5}^7\ \Phi_{1}^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
81707	1296	185	$\frac{8}{185}$	$\frac{21}{185}$	$\frac{41}{185}$	$\frac{59}{185}$	$\Phi_{185}^{7}\ \Phi_{37}^{7}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
81708	1296	217	$\frac{10}{217}$	$\frac{1}{7}$	$\frac{37}{217}$	$\frac{69}{217}$	$\Phi_{217}^{6}\ \Phi_{31}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
81709	1296	1295	$\frac{62}{1295}$	$\frac{179}{1295}$	$\frac{221}{1295}$	$\frac{411}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81710	1296	290	$\frac{7}{145}$	$\frac{1}{10}$	$\frac{33}{145}$	$\frac{46}{145}$	$\Phi_{290}^{5}\ \Phi_{145}^{4}\ \Phi_{58}^{5}\ \Phi_{29}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
81711	1296	325	$\frac{16}{325}$	$\frac{37}{325}$	$\frac{1}{5}$	$\frac{103}{325}$	$\Phi_{325}^{4}\ \Phi_{65}^{4}\ \Phi_{25}^{4}\ \Phi_{13}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
81712	1296	259	$\frac{13}{259}$	$\frac{25}{259}$	$\frac{59}{259}$	$\frac{82}{259}$	$\Phi_{259}^{5}\ \Phi_{37}^{5}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
81713	1296	1732	$\frac{22}{433}$	$\frac{37}{433}$	$\frac{1}{4}$	$\frac{137}{433}$	$\Phi_{1732}\ \Phi_{866}$
81714	1296	35	$\frac{2}{35}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{11}{35}$	$\Phi_{35}^{37}\ \Phi_{7}^{37}\ \Phi_{5}^{37}\ \Phi_{1}^{38}$
81715	1296	1820	$\frac{2}{35}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{11}{35}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{364}\ \Phi_{260}\ \Phi_{182}\ \Phi_{130}\ \Phi_{52}^{2}\ \Phi_{26}^{2}$
81716	1296	35	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{11}{35}$	$\Phi_{35}^{37}\ \Phi_{7}^{37}\ \Phi_{5}^{37}\ \Phi_{1}^{38}$
81717	1296	70	$\frac{2}{35}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{11}{35}$	$\Phi_{70}^{20}\ \Phi_{35}^{16}\ \Phi_{14}^{20}\ \Phi_{10}^{24}\ \Phi_{7}^{16}\ \Phi_{5}^{19}\ \Phi_{2}^{24}\ \Phi_{1}^{20}$
81718	1296	35	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{11}{35}$	$\Phi_{35}^{36}\ \Phi_{7}^{41}\ \Phi_{5}^{36}\ \Phi_{1}^{42}$
81719	1296	1732	$\frac{25}{433}$	$\frac{33}{433}$	$\frac{1}{4}$	$\frac{136}{433}$	$\Phi_{1732}\ \Phi_{866}$
81720	1296	1295	$\frac{83}{1295}$	$\frac{99}{1295}$	$\frac{299}{1295}$	$\frac{404}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81721	1296	1417	$\frac{7}{109}$	$\frac{1}{13}$	$\frac{25}{109}$	$\frac{34}{109}$	Φ_{1417}
81722	1296	290	$\frac{2}{29}$	$\frac{1}{10}$	$\frac{5}{29}$	$\frac{9}{29}$	$\Phi_{290}^{5}\ \Phi_{145}^{5}\ \Phi_{58}^{5}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}$
81723	1296	1295	$\frac{92}{1295}$	$\frac{149}{1295}$	$\frac{191}{1295}$	$\frac{401}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81724	1296	217	$\frac{16}{217}$	$\frac{25}{217}$	$\frac{1}{7}$	$\frac{67}{217}$	$\Phi_{217}^{6}\ \Phi_{31}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
81725	1296	185	$\frac{14}{185}$	$\frac{17}{185}$	$\frac{32}{185}$	$\frac{57}{185}$	$\Phi_{185}^{7}\ \Phi_{37}^{7}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
81726	1296	884	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{884}^{2}\ \Phi_{442}^{2}\ \Phi_{68}^{3}\ \Phi_{34}^{3}$
81727	1296	611	$\frac{3}{47}$	$\frac{1}{13}$	$\frac{11}{47}$	$\frac{4}{13}$	$\Phi_{611}^{2}\ \Phi_{47}^{3}\ \Phi_{13}^{4}\ \Phi_{1}^{6}$
81728	1296	65	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{65}^{25}\ \Phi_{5}^{24}$
81729	1296	611	$\frac{1}{13}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{4}{13}$	$\Phi_{611}^{2}\ \Phi_{47}^{3}\ \Phi_{13}^{4}\ \Phi_{1}^{6}$
81730	1296	819	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{13}$	$\Phi_{819}^{2}\ \Phi_{273}^{2}\ \Phi_{63}^{3}\ \Phi_{21}^{3}$
81731	1296	1295	$\frac{83}{1295}$	$\frac{101}{1295}$	$\frac{299}{1295}$	$\frac{398}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81732	1296	1732	$\frac{25}{433}$	$\frac{34}{433}$	$\frac{1}{4}$	$\frac{133}{433}$	$\Phi_{1732}\ \Phi_{866}$
81733	1296	259	$\frac{15}{259}$	$\frac{22}{259}$	$\frac{61}{259}$	$\frac{79}{259}$	$\Phi_{259}^{5}\ \Phi_{37}^{5}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
81734	1296	1394	$\frac{1}{17}$	$\frac{7}{82}$	$\frac{19}{82}$	$\frac{25}{82}$	$\Phi_{1394}\ \Phi_{697}\ \Phi_{34}$
81735	1296	1748	$\frac{1}{19}$	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{1748}\ \Phi_{874}\ \Phi_{76}^{2}\ \Phi_{38}^{2}$
81736	1296	1219	$\frac{2}{23}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{7}{23}$	$\Phi_{1219}\ \Phi_{53}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$
81737	1296	1610	$\frac{2}{23}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{7}{23}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{322}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{14}^{2}$
81738	1296	1417	$\frac{1}{13}$	$\frac{10}{109}$	$\frac{19}{109}$	$\frac{33}{109}$	Φ_{1417}
81739	1296	1295	$\frac{113}{1295}$	$\frac{122}{1295}$	$\frac{197}{1295}$	$\frac{391}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81740	1296	1387	$\frac{1}{19}$	$\frac{7}{73}$	$\frac{17}{73}$	$\frac{22}{73}$	Φ_{1387}
81741	1296	1467	$\frac{16}{163}$	$\frac{1}{9}$	$\frac{19}{163}$	$\frac{49}{163}$	$\Phi_{1467}\ \Phi_{489}$
81742	1296	1295	$\frac{128}{1295}$	$\frac{143}{1295}$	$\frac{151}{1295}$	$\frac{389}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81743	1296	217	$\frac{19}{217}$	$\frac{22}{217}$	$\frac{1}{7}$	$\frac{65}{217}$	$\Phi_{217}^{6}\ \Phi_{31}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
81744	1296	1295	$\frac{89}{1295}$	$\frac{134}{1295}$	$\frac{227}{1295}$	$\frac{387}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81745	1296	325	$\frac{19}{325}$	$\frac{34}{325}$	$\frac{1}{5}$	$\frac{97}{325}$	$\Phi_{325}^{4}\ \Phi_{65}^{4}\ \Phi_{25}^{4}\ \Phi_{13}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
81746	1296	1295	$\frac{62}{1295}$	$\frac{137}{1295}$	$\frac{303}{1295}$	$\frac{386}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81747	1296	1295	$\frac{101}{1295}$	$\frac{137}{1295}$	$\frac{199}{1295}$	$\frac{386}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81748	1296	1732	$\frac{19}{433}$	$\frac{46}{433}$	$\frac{1}{4}$	$\frac{129}{433}$	$\Phi_{1732}\ \Phi_{866}$
81749	1296	290	$\frac{1}{10}$	$\frac{16}{145}$	$\frac{17}{145}$	$\frac{43}{145}$	$\Phi_{290}^{5}\ \Phi_{145}^{4}\ \Phi_{58}^{5}\ \Phi_{29}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
81750	1296	1295	$\frac{127}{1295}$	$\frac{146}{1295}$	$\frac{152}{1295}$	$\frac{383}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81751	1296	217	$\frac{17}{217}$	$\frac{25}{217}$	$\frac{1}{7}$	$\frac{64}{217}$	$\Phi_{217}^{6}\ \Phi_{31}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
81752	1296	1700	$\frac{1}{25}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{340}\ \Phi_{170}\ \Phi_{100}^{2}\ \Phi_{50}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
81753	1296	1207	$\frac{3}{71}$	$\frac{2}{17}$	$\frac{17}{71}$	$\frac{5}{17}$	$\Phi_{1207}\ \Phi_{71}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
81754	1296	1615	$\frac{1}{19}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{1615}\ \Phi_{95}^{2}$
81755	1296	1207	$\frac{5}{71}$	$\frac{2}{17}$	$\frac{11}{71}$	$\frac{5}{17}$	$\Phi_{1207}\ \Phi_{71}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
81756	1296	1547	$\frac{1}{13}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{5}{17}$	$\Phi_{1547}\ \Phi_{91}^{2}$
81757	1296	1207	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{1207}\ \Phi_{71}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
81758	1296	1530	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}\ \Phi_{255}\ \Phi_{102}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}$
81759	1296	259	$\frac{11}{259}$	$\frac{31}{259}$	$\frac{61}{259}$	$\frac{76}{259}$	$\Phi_{259}^{5}\ \Phi_{37}^{5}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
81760	1296	1732	$\frac{17}{433}$	$\frac{52}{433}$	$\frac{1}{4}$	$\frac{127}{433}$	$\Phi_{1732}\ \Phi_{866}$
81761	1296	1295	$\frac{51}{1295}$	$\frac{164}{1295}$	$\frac{311}{1295}$	$\frac{377}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81762	1296	275	$\frac{1}{25}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{275}^{5}\ \Phi_{55}^{4}\ \Phi_{25}^{4}\ \Phi_{11}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
81763	1296	1387	$\frac{1}{19}$	$\frac{10}{73}$	$\frac{13}{73}$	$\frac{21}{73}$	Φ_{1387}
81764	1296	185	$\frac{11}{185}$	$\frac{26}{185}$	$\frac{29}{185}$	$\frac{53}{185}$	$\Phi_{185}^{7}\ \Phi_{37}^{7}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
81765	1296	84	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{84}^{21}\ \Phi_{42}^{21}\ \Phi_{28}^{6}\ \Phi_{21}^{18}\ \Phi_{14}^{6}\ \Phi_{12}^{21}\ \Phi_{7}^{5}\ \Phi_{6}^{21}\ \Phi_{4}^{6}\ \Phi_{3}^{18}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
81766	1296	77	$\frac{5}{77}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{77}^{18}\ \Phi_{11}^{18}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
81767	1296	1417	$\frac{1}{13}$	$\frac{13}{109}$	$\frac{16}{109}$	$\frac{31}{109}$	Φ_{1417}
81768	1296	1295	$\frac{103}{1295}$	$\frac{149}{1295}$	$\frac{191}{1295}$	$\frac{368}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81769	1296	1295	$\frac{116}{1295}$	$\frac{131}{1295}$	$\frac{194}{1295}$	$\frac{367}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81770	1296	290	$\frac{13}{145}$	$\frac{1}{10}$	$\frac{22}{145}$	$\frac{41}{145}$	$\Phi_{290}^{5}\ \Phi_{145}^{4}\ \Phi_{58}^{5}\ \Phi_{29}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
81771	1296	1467	$\frac{13}{163}$	$\frac{1}{9}$	$\frac{25}{163}$	$\frac{46}{163}$	$\Phi_{1467}\ \Phi_{489}$
81772	1296	259	$\frac{19}{259}$	$\frac{31}{259}$	$\frac{40}{259}$	$\frac{73}{259}$	$\Phi_{259}^{5}\ \Phi_{37}^{5}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
81773	1296	217	$\frac{13}{217}$	$\frac{1}{7}$	$\frac{34}{217}$	$\frac{61}{217}$	$\Phi_{217}^{6}\ \Phi_{31}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
81774	1296	1295	$\frac{59}{1295}$	$\frac{206}{1295}$	$\frac{233}{1295}$	$\frac{363}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81775	1296	25	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{25}^{52}\ \Phi_{5}^{51}\ \Phi_{1}^{52}$
81776	1296	1295	$\frac{41}{1295}$	$\frac{209}{1295}$	$\frac{311}{1295}$	$\frac{362}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81777	1296	1732	$\frac{13}{433}$	$\frac{70}{433}$	$\frac{1}{4}$	$\frac{121}{433}$	$\Phi_{1732}\ \Phi_{866}$
81778	1296	1628	$\frac{1}{37}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{1628}\ \Phi_{814}\ \Phi_{148}^{2}\ \Phi_{74}^{2}$
81779	1296	1177	$\frac{3}{107}$	$\frac{2}{11}$	$\frac{26}{107}$	$\frac{3}{11}$	$\Phi_{1177}\ \Phi_{107}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
81780	1296	1540	$\frac{1}{28}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{220}\ \Phi_{140}^{2}\ \Phi_{110}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
81781	1296	1177	$\frac{5}{107}$	$\frac{17}{107}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1177}\ \Phi_{107}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
81782	1296	1463	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1463}\ \Phi_{133}^{2}$
81783	1296	1177	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1177}\ \Phi_{107}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
81784	1296	1430	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1430}\ \Phi_{715}\ \Phi_{286}\ \Phi_{130}^{2}\ \Phi_{65}^{2}\ \Phi_{26}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
81785	1296	37	$\frac{1}{37}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{37}^{35}\ \Phi_{1}^{36}$
81786	1296	37	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{10}{37}$	$\Phi_{37}^{35}\ \Phi_{1}^{36}$
81787	1296	196	$\frac{1}{28}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{196}^{7}\ \Phi_{98}^{7}\ \Phi_{49}^{6}\ \Phi_{28}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
81788	1296	1295	$\frac{53}{1295}$	$\frac{207}{1295}$	$\frac{272}{1295}$	$\frac{341}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81789	1296	1387	$\frac{1}{19}$	$\frac{9}{73}$	$\frac{16}{73}$	$\frac{19}{73}$	Φ_{1387}
81790	1296	259	$\frac{16}{259}$	$\frac{27}{259}$	$\frac{58}{259}$	$\frac{67}{259}$	$\Phi_{259}^{5}\ \Phi_{37}^{5}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
81791	1296	1417	$\frac{1}{13}$	$\frac{9}{109}$	$\frac{25}{109}$	$\frac{28}{109}$	Φ_{1417}
81792	1296	1295	$\frac{99}{1295}$	$\frac{107}{1295}$	$\frac{299}{1295}$	$\frac{332}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81793	1296	290	$\frac{9}{145}$	$\frac{1}{10}$	$\frac{34}{145}$	$\frac{37}{145}$	$\Phi_{290}^{5}\ \Phi_{145}^{4}\ \Phi_{58}^{5}\ \Phi_{29}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
81794	1296	185	$\frac{9}{185}$	$\frac{23}{185}$	$\frac{44}{185}$	$\frac{47}{185}$	$\Phi_{185}^{7}\ \Phi_{37}^{7}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
81795	1296	217	$\frac{9}{217}$	$\frac{1}{7}$	$\frac{52}{217}$	$\frac{55}{217}$	$\Phi_{217}^{6}\ \Phi_{31}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
81796	1296	1295	$\frac{39}{1295}$	$\frac{242}{1295}$	$\frac{314}{1295}$	$\frac{327}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81797	1296	325	$\frac{9}{325}$	$\frac{1}{5}$	$\frac{79}{325}$	$\frac{82}{325}$	$\Phi_{325}^{4}\ \Phi_{65}^{4}\ \Phi_{25}^{4}\ \Phi_{13}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
81798	1296	1295	$\frac{27}{1295}$	$\frac{317}{1295}$	$\frac{323}{1295}$	$\frac{326}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
81799	1296	1732	$\frac{9}{433}$	$\frac{106}{433}$	$\frac{1}{4}$	$\frac{109}{433}$	$\Phi_{1732}\ \Phi_{866}$
81800	1296	196	$\frac{1}{49}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{196}^{7}\ \Phi_{98}^{7}\ \Phi_{49}^{6}\ \Phi_{28}^{7}\ \Phi_{14}^{7}\ \Phi_{7}^{6}$
81801	1296	572	$\frac{3}{143}$	$\frac{35}{143}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{572}^{2}\ \Phi_{286}^{2}\ \Phi_{143}^{3}\ \Phi_{52}^{2}\ \Phi_{44}^{2}\ \Phi_{26}^{2}\ \Phi_{22}^{2}\ \Phi_{13}^{3}\ \Phi_{11}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
81802	1296	740	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{740}^{2}\ \Phi_{370}^{2}\ \Phi_{185}^{3}$
81803	1296	572	$\frac{5}{143}$	$\frac{23}{143}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{572}^{2}\ \Phi_{286}^{2}\ \Phi_{143}^{3}\ \Phi_{52}^{2}\ \Phi_{44}^{2}\ \Phi_{26}^{2}\ \Phi_{22}^{2}\ \Phi_{13}^{3}\ \Phi_{11}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
81804	1296	700	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{700}^{2}\ \Phi_{350}^{2}\ \Phi_{175}^{3}\ \Phi_{140}^{2}\ \Phi_{70}^{2}\ \Phi_{35}^{3}$
81805	1296	572	$\frac{7}{143}$	$\frac{17}{143}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{572}^{2}\ \Phi_{286}^{2}\ \Phi_{143}^{3}\ \Phi_{52}^{2}\ \Phi_{44}^{2}\ \Phi_{26}^{2}\ \Phi_{22}^{2}\ \Phi_{13}^{3}\ \Phi_{11}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
81806	1296	684	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{684}^{2}\ \Phi_{342}^{2}\ \Phi_{228}^{2}\ \Phi_{171}^{3}\ \Phi_{114}^{2}\ \Phi_{57}^{3}$
81807	1296	572	$\frac{8}{143}$	$\frac{15}{143}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{572}^{2}\ \Phi_{286}^{2}\ \Phi_{143}^{3}\ \Phi_{52}^{2}\ \Phi_{44}^{2}\ \Phi_{26}^{2}\ \Phi_{22}^{2}\ \Phi_{13}^{3}\ \Phi_{11}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
81808	1296	340	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{340}^{4}\ \Phi_{170}^{5}\ \Phi_{85}^{5}\ \Phi_{68}^{2}\ \Phi_{34}^{3}\ \Phi_{17}^{2}$
81809	1296	308	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{308}^{4}\ \Phi_{154}^{4}\ \Phi_{77}^{6}\ \Phi_{44}^{2}\ \Phi_{28}^{4}\ \Phi_{22}^{2}\ \Phi_{14}^{4}\ \Phi_{11}^{3}\ \Phi_{7}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
81810	1296	52	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{52}^{22}\ \Phi_{26}^{22}\ \Phi_{13}^{33}\ \Phi_{4}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{36}$
81811	1296	2140	$\frac{3}{107}$	$\frac{1}{5}$	$\frac{26}{107}$	$\frac{1}{4}$	$\Phi_{2140}\ \Phi_{1070}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
81812	1296	1732	$\frac{13}{433}$	$\frac{82}{433}$	$\frac{105}{433}$	$\frac{1}{4}$	$\Phi_{1732}\ \Phi_{866}$
81813	1296	1988	$\frac{3}{71}$	$\frac{1}{7}$	$\frac{17}{71}$	$\frac{1}{4}$	$\Phi_{1988}\ \Phi_{994}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
81814	1296	1732	$\frac{21}{433}$	$\frac{55}{433}$	$\frac{103}{433}$	$\frac{1}{4}$	$\Phi_{1732}\ \Phi_{866}$
81815	1296	940	$\frac{3}{47}$	$\frac{1}{10}$	$\frac{11}{47}$	$\frac{1}{4}$	$\Phi_{940}^{2}\ \Phi_{470}\ \Phi_{235}\ \Phi_{188}\ \Phi_{47}\ \Phi_{20}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
81816	1296	1732	$\frac{33}{433}$	$\frac{37}{433}$	$\frac{100}{433}$	$\frac{1}{4}$	$\Phi_{1732}\ \Phi_{866}$
81817	1296	1820	$\frac{1}{13}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{364}\ \Phi_{260}\ \Phi_{182}\ \Phi_{130}\ \Phi_{52}^{2}\ \Phi_{26}^{2}$
81818	1296	1732	$\frac{28}{433}$	$\frac{45}{433}$	$\frac{97}{433}$	$\frac{1}{4}$	$\Phi_{1732}\ \Phi_{866}$
81819	1296	1748	$\frac{1}{19}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{1748}\ \Phi_{874}\ \Phi_{76}^{2}\ \Phi_{38}^{2}$
81820	1296	1732	$\frac{19}{433}$	$\frac{69}{433}$	$\frac{91}{433}$	$\frac{1}{4}$	$\Phi_{1732}\ \Phi_{866}$
81821	1296	140	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^{9}\ \Phi_{70}^{9}\ \Phi_{35}^{9}\ \Phi_{28}^{12}\ \Phi_{20}^{6}\ \Phi_{14}^{12}\ \Phi_{10}^{6}\ \Phi_{7}^{12}\ \Phi_{5}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
81822	1296	2140	$\frac{5}{107}$	$\frac{17}{107}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2140}\ \Phi_{1070}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
81823	1296	2660	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2660}\ \Phi_{1330}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
81824	1296	2140	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2140}\ \Phi_{1070}\ \Phi_{20}^2\ \Phi_{10}^2$
81825	1296	260	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{260}^7\ \Phi_{130}^3\ \Phi_{65}^4\ \Phi_{52}^8\ \Phi_{26}^4\ \Phi_{13}^4$
81826	1296	1988	$\frac{5}{71}$	$\frac{1}{7}$	$\frac{11}{71}$	$\frac{1}{4}$	$\Phi_{1988}\ \Phi_{994}\ \Phi_{28}^2\ \Phi_{14}^2$
81827	1296	1732	$\frac{31}{433}$	$\frac{61}{433}$	$\frac{67}{433}$	$\frac{1}{4}$	$\Phi_{1732}\ \Phi_{866}$
81828	1296	1908	$\frac{5}{53}$	$\frac{1}{9}$	$\frac{8}{53}$	$\frac{1}{4}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{636}\ \Phi_{318}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{6}^2$
81829	1296	1732	$\frac{43}{433}$	$\frac{46}{433}$	$\frac{65}{433}$	$\frac{1}{4}$	$\Phi_{1732}\ \Phi_{866}$
81830	1296	940	$\frac{1}{10}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{4}$	$\Phi_{940}^2\ \Phi_{470}\ \Phi_{235}\ \Phi_{188}\ \Phi_{47}\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
81831	1296	1732	$\frac{41}{433}$	$\frac{49}{433}$	$\frac{64}{433}$	$\frac{1}{4}$	$\Phi_{1732}\ \Phi_{866}$
81832	1296	364	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{364}^5\ \Phi_{182}^5\ \Phi_{52}^6\ \Phi_{26}^6$
81833	1296	1988	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{1988}\ \Phi_{994}\ \Phi_{28}^2\ \Phi_{14}^2$
81834	1296	1260	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}\ \Phi_{63}\ \Phi_{21}$
81835	1296	100	$\frac{1}{25}$	$\frac{19}{100}$	$\frac{1}{5}$	$\frac{6}{25}$	$\Phi_{100}^{16}\ \Phi_{50}^{16}\ \Phi_{25}^4\ \Phi_{20}^{16}\ \Phi_{10}^{16}\ \Phi_{5}^3\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^4$
81836	1296	425	$\frac{21}{425}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{101}{425}$	$\Phi_{425}^3\ \Phi_{85}^3\ \Phi_{25}^4\ \Phi_{17}^3\ \Phi_{5}^3\ \Phi_{1}^4$
81837	1296	455	$\frac{1}{13}$	$\frac{10}{91}$	$\frac{1}{5}$	$\frac{3}{13}$	$\Phi_{455}^4\ \Phi_{65}\ \Phi_{35}^4$
81838	1296	35	$\frac{3}{35}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{8}{35}$	$\Phi_{35}^{37}\ \Phi_{7}^{37}\ \Phi_{5}^{37}\ \Phi_{1}^{38}$
81839	1296	70	$\frac{3}{35}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{8}{35}$	$\Phi_{70}^{20}\ \Phi_{35}^{16}\ \Phi_{14}^{20}\ \Phi_{10}^{24}\ \Phi_{7}^{16}\ \Phi_{5}^{19}\ \Phi_{2}^{24}\ \Phi_{1}^{20}$
81840	1296	35	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{8}{35}$	$\Phi_{35}^{36}\ \Phi_{7}^{41}\ \Phi_{5}^{36}\ \Phi_{1}^{42}$
81841	1296	290	$\frac{13}{145}$	$\frac{1}{10}$	$\frac{28}{145}$	$\frac{33}{145}$	$\Phi_{290}^5\ \Phi_{145}^4\ \Phi_{58}^5\ \Phi_{29}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
81842	1296	1295	$\frac{123}{1295}$	$\frac{167}{1295}$	$\frac{188}{1295}$	$\frac{293}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
81843	1296	217	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{7}$	$\frac{7}{31}$	$\Phi_{217}^7\ \Phi_{7}^6$
81844	1296	1295	$\frac{116}{1295}$	$\frac{131}{1295}$	$\frac{251}{1295}$	$\frac{291}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
81845	1296	325	$\frac{28}{325}$	$\frac{33}{325}$	$\frac{1}{5}$	$\frac{73}{325}$	$\Phi_{325}^4\ \Phi_{65}^4\ \Phi_{25}^4\ \Phi_{13}^4\ \Phi_{5}^3\ \Phi_{1}^4$
81846	1296	520	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{5}$	$\frac{23}{104}$	$\Phi_{520}^4\ \Phi_{260}^4\ \Phi_{65}\ \Phi_{40}^4\ \Phi_{20}^4$
81847	1296	1219	$\frac{5}{53}$	$\frac{3}{23}$	$\frac{8}{53}$	$\frac{5}{23}$	$\Phi_{1219}\ \Phi_{53}^2\ \Phi_{23}^2\ \Phi_{1}^4$
81848	1296	1610	$\frac{1}{10}$	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{5}{23}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{322}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{14}^2$
81849	1296	1295	$\frac{113}{1295}$	$\frac{183}{1295}$	$\frac{197}{1295}$	$\frac{278}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
81850	1296	290	$\frac{1}{10}$	$\frac{19}{145}$	$\frac{21}{145}$	$\frac{31}{145}$	$\Phi_{290}^5\ \Phi_{145}^4\ \Phi_{58}^5\ \Phi_{29}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
81851	1296	259	$\frac{25}{259}$	$\frac{34}{259}$	$\frac{39}{259}$	$\frac{55}{259}$	$\Phi_{259}^5\ \Phi_{37}^5\ \Phi_{7}^5\ \Phi_{1}^6$
81852	1296	217	$\frac{19}{217}$	$\frac{1}{7}$	$\frac{33}{217}$	$\frac{46}{217}$	$\Phi_{217}^6\ \Phi_{31}^6\ \Phi_{7}^5\ \Phi_{1}^6$
81853	1296	85	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{85}^{16}\ \Phi_{17}^{16}\ \Phi_{5}^3\ \Phi_{1}^4$
81854	1296	100	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{100}^{16}\ \Phi_{50}^{16}\ \Phi_{25}^{16}\ \Phi_{5}^3\ \Phi_{1}^4$
81855	1296	160	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{160}^9\ \Phi_{80}^6\ \Phi_{40}^6\ \Phi_{32}^{12}\ \Phi_{20}^6\ \Phi_{16}^8\ \Phi_{10}^6\ \Phi_{8}^8\ \Phi_{5}^9\ \Phi_{4}^8\ \Phi_{2}^8\ \Phi_{1}^{12}$
81856	1296	440	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{88}^4\ \Phi_{55}^3\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_{5}^3\ \Phi_{1}^4$
81857	1296	10	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{10}^{128}\ \Phi_{5}^{131}\ \Phi_{2}^{128}\ \Phi_{1}^{132}$
81858	1296	125	$\frac{2}{25}$	$\frac{17}{125}$	$\frac{23}{125}$	$\frac{1}{5}$	$\Phi_{125}^{10}\ \Phi_{25}^{12}\ \Phi_{5}^{11}\ \Phi_{1}^{12}$
81859	1296	350	$\frac{1}{10}$	$\frac{4}{35}$	$\frac{31}{175}$	$\frac{1}{5}$	$\Phi_{350}^5\ \Phi_{175}^4\ \Phi_{50}^5\ \Phi_{25}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
81860	1296	65	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{65}$	$\frac{1}{5}$	$\Phi_{65}^{19}\ \Phi_{13}^{24}\ \Phi_{5}^{18}\ \Phi_{1}^{24}$
81861	1296	1855	$\frac{5}{53}$	$\frac{1}{7}$	$\frac{8}{53}$	$\frac{1}{5}$	$\Phi_{1855}\ \Phi_{35}^2$
81862	1296	325	$\frac{31}{325}$	$\frac{46}{325}$	$\frac{49}{325}$	$\frac{1}{5}$	$\Phi_{325}^4\ \Phi_{65}^4\ \Phi_{25}^4\ \Phi_{13}^4\ \Phi_{5}^3\ \Phi_{1}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
81863	1296	70	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{70}^{20}\ \Phi_{35}^{15}\ \Phi_{14}^{20}\ \Phi_{10}^{24}\ \Phi_{7}^{20}\ \Phi_{5}^{18}\ \Phi_{2}^{24}\ \Phi_{1}^{24}$
81864	1296	245	$\frac{29}{245}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{245}^{6}\ \Phi_{49}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
81865	1296	7	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\Phi_{7}^{185}\ \Phi_{1}^{186}$
81866	1297	2304	$\frac{1}{144}$	$\frac{145}{1152}$	$\frac{1007}{2304}$	$\frac{143}{288}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{288}\ \Phi_{256}\ \Phi_{96}\ \Phi_{32}\ \Phi_{1}$
81867	1297	1728	$\frac{1}{144}$	$\frac{431}{1728}$	$\frac{145}{576}$	$\frac{143}{288}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{1}$
81868	1297	1560	$\frac{3}{260}$	$\frac{263}{1560}$	$\frac{1}{4}$	$\frac{257}{520}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{120}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
81869	1297	2560	$\frac{17}{1280}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{1263}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{32}\ \Phi_{1}$
81870	1297	2560	$\frac{17}{1280}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1263}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
81871	1297	2496	$\frac{1}{48}$	$\frac{49}{1248}$	$\frac{1199}{2496}$	$\frac{47}{96}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
81872	1297	1488	$\frac{5}{186}$	$\frac{191}{1488}$	$\frac{1}{6}$	$\frac{181}{372}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}\ \Phi_{248}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{48}\ \Phi_{31}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
81873	1297	2520	$\frac{37}{1260}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1223}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{72}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
81874	1297	2520	$\frac{37}{1260}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1223}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{72}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
81875	1297	1400	$\frac{3}{100}$	$\frac{103}{1400}$	$\frac{1}{4}$	$\frac{97}{200}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{56}\ \Phi_{50}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
81876	1297	1566	$\frac{8}{261}$	$\frac{1}{9}$	$\frac{269}{1566}$	$\frac{253}{522}$	$\Phi_{1566}\ \Phi_{783}\ \Phi_{261}\ \Phi_{87}\ \Phi_{54}\ \Phi_{29}\ \Phi_{27}\ \Phi_{1}$
81877	1297	2496	$\frac{49}{1248}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{1199}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{192}\ \Phi_{64}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
81878	1297	1352	$\frac{55}{1352}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{1352}\ \Phi_{676}\ \Phi_{338}\ \Phi_{169}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
81879	1297	1920	$\frac{17}{640}$	$\frac{1}{16}$	$\frac{623}{1920}$	$\frac{15}{32}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
81880	1297	1344	$\frac{47}{1344}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
81881	1297	1600	$\frac{17}{320}$	$\frac{1}{16}$	$\frac{303}{1600}$	$\frac{15}{32}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{1}$
81882	1297	1536	$\frac{1}{16}$	$\frac{17}{256}$	$\frac{239}{1536}$	$\frac{15}{32}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
81883	1297	1408	$\frac{1}{16}$	$\frac{111}{1408}$	$\frac{17}{128}$	$\frac{15}{32}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
81884	1297	1440	$\frac{1}{16}$	$\frac{143}{1440}$	$\frac{17}{160}$	$\frac{15}{32}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
81885	1297	2400	$\frac{3}{100}$	$\frac{97}{1200}$	$\frac{1}{4}$	$\frac{1103}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{100}\ \Phi_{96}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
81886	1297	2400	$\frac{1}{24}$	$\frac{97}{1200}$	$\frac{23}{120}$	$\frac{1103}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
81887	1297	1584	$\frac{1}{24}$	$\frac{23}{264}$	$\frac{287}{1584}$	$\frac{241}{528}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
81888	1297	1344	$\frac{47}{1344}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{64}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
81889	1297	2304	$\frac{1}{48}$	$\frac{145}{1152}$	$\frac{47}{192}$	$\frac{1007}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
81890	1297	1512	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{215}{1512}$	$\frac{163}{378}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
81891	1297	2268	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{163}{1134}$	$\frac{971}{2268}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{324}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
81892	1297	1320	$\frac{23}{1320}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
81893	1297	2232	$\frac{5}{186}$	$\frac{181}{1116}$	$\frac{1}{6}$	$\frac{935}{2232}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{248}\ \Phi_{186}\ \Phi_{93}\ \Phi_{72}\ \Phi_{62}\ \Phi_{31}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
81894	1297	1350	$\frac{53}{1350}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	Φ_{1350} Φ_{675} Φ_{450} Φ_{270} Φ_{225} Φ_{150} Φ_{135} Φ_{75} Φ_{54} Φ_{50} Φ_{45} Φ_{27} Φ_{25} Φ_{15} Φ_5 Φ_1
81895	1297	1440	$\frac{1}{24}$	$\frac{143}{1440}$	$\frac{23}{120}$	$\frac{97}{240}$	Φ_{1440} Φ_{720} Φ_{480} Φ_{360} Φ_{288} Φ_{180} Φ_{160} Φ_{144} Φ_{120} Φ_{96} Φ_{90} Φ_{72} Φ_{60} Φ_{45} Φ_{40} Φ_{36} Φ_{32} Φ_{30} Φ_{20} Φ_{18} Φ_{15} Φ_{10} Φ_9 Φ_5 Φ_1
81896	1297	1620	$\frac{1}{54}$	$\frac{53}{270}$	$\frac{323}{1620}$	$\frac{217}{540}$	Φ_{1620} Φ_{810} Φ_{405} Φ_{324} Φ_{270} Φ_{162} Φ_{135} Φ_{90} Φ_{81} Φ_{45} Φ_{30} Φ_{15} Φ_{10} Φ_5 Φ_1
81897	1297	2160	$\frac{1}{54}$	$\frac{53}{270}$	$\frac{217}{1080}$	$\frac{863}{2160}$	Φ_{2160} Φ_{720} Φ_{432} Φ_{270} Φ_{240} Φ_{144} Φ_{135} Φ_{90} Φ_{80} Φ_{48} Φ_{45} Φ_{30} Φ_{16} Φ_{15} Φ_{10} Φ_5 Φ_1
81898	1297	2112	$\frac{1}{24}$	$\frac{23}{264}$	$\frac{241}{1056}$	$\frac{815}{2112}$	Φ_{2112} Φ_{704} Φ_{264} Φ_{192} Φ_{132} Φ_{88} Φ_{66} Φ_{64} Φ_{44} Φ_{33} Φ_{22} Φ_{11} Φ_1
81899	1297	2088	$\frac{8}{261}$	$\frac{1}{9}$	$\frac{253}{1044}$	$\frac{791}{2088}$	Φ_{2088} Φ_{696} Φ_{261} Φ_{232} Φ_{87} Φ_{72} Φ_{29} Φ_{24} Φ_8 Φ_1
81900	1297	1536	$\frac{1}{48}$	$\frac{239}{1536}$	$\frac{47}{192}$	$\frac{145}{384}$	Φ_{1536} Φ_{768} Φ_{512} Φ_{256} Φ_{192} Φ_{96} Φ_{64} Φ_{32} Φ_1
81901	1297	2080	$\frac{3}{260}$	$\frac{257}{1040}$	$\frac{1}{4}$	$\frac{783}{2080}$	Φ_{2080} Φ_{416} Φ_{260} Φ_{160} Φ_{130} Φ_{65} Φ_{52} Φ_{32} Φ_{26} Φ_{20} Φ_{13} Φ_{10} Φ_5 Φ_1
81902	1297	2016	$\frac{1}{48}$	$\frac{47}{336}$	$\frac{289}{1008}$	$\frac{719}{2016}$	Φ_{2016} Φ_{672} Φ_{336} Φ_{288} Φ_{224} Φ_{168} Φ_{112} Φ_{96} Φ_{84} Φ_{56} Φ_{42} Φ_{32} Φ_{28} Φ_{21} Φ_{14} Φ_7 Φ_1
81903	1297	1944	$\frac{1}{162}$	$\frac{161}{486}$	$\frac{647}{1944}$	$\frac{325}{972}$	Φ_{1944} Φ_{648} Φ_{486} Φ_{243} Φ_{216} Φ_{72} Φ_{24} Φ_8 Φ_1
81904	1297	1920	$\frac{17}{640}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{623}{1920}$	Φ_{1920} Φ_{960} Φ_{480} Φ_{384} Φ_{240} Φ_{192} Φ_{120} Φ_{96} Φ_{60} Φ_{48} Φ_{30} Φ_{24} Φ_{20} Φ_{15} Φ_{12} Φ_{10} Φ_6 Φ_5 Φ_3 Φ_1
81905	1297	1674	$\frac{5}{186}$	$\frac{1}{6}$	$\frac{377}{1674}$	$\frac{181}{558}$	Φ_{1674} Φ_{837} Φ_{186} Φ_{93} Φ_{62} Φ_{54} Φ_{31} Φ_{27} Φ_1
81906	1297	1500	$\frac{3}{100}$	$\frac{203}{1500}$	$\frac{1}{4}$	$\frac{97}{300}$	Φ_{1500} Φ_{750} Φ_{500} Φ_{375} Φ_{250} Φ_{125} Φ_{100} Φ_{50} Φ_{25} Φ_{20} Φ_{10} Φ_5 Φ_1
81907	1297	1404	$\frac{3}{52}$	$\frac{107}{1404}$	$\frac{1}{4}$	$\frac{49}{156}$	Φ_{1404} Φ_{702} Φ_{468} Φ_{351} Φ_{234} Φ_{117} Φ_{108} Φ_{54} Φ_{52} Φ_{36} Φ_{27} Φ_{26} Φ_{18} Φ_{13} Φ_9 Φ_1
81908	1297	1890	$\frac{37}{630}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{593}{1890}$	Φ_{1890} Φ_{945} Φ_{378} Φ_{270} Φ_{189} Φ_{135} Φ_{54} Φ_{45} Φ_{27} Φ_{15} Φ_5 Φ_1
81909	1297	1890	$\frac{37}{630}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{593}{1890}$	Φ_{1890} Φ_{945} Φ_{378} Φ_{270} Φ_{189} Φ_{135} Φ_{54} Φ_{42} Φ_{27} Φ_{21} Φ_{14} Φ_7 Φ_1
81910	1297	1872	$\frac{3}{52}$	$\frac{49}{624}$	$\frac{1}{4}$	$\frac{575}{1872}$	Φ_{1872} Φ_{936} Φ_{468} Φ_{234} Φ_{144} Φ_{117} Φ_{72} Φ_{52} Φ_{36} Φ_{26} Φ_{18} Φ_{13} Φ_9 Φ_1
81911	1297	1386	$\frac{89}{1386}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{126}$	Φ_{1386} Φ_{693} Φ_{462} Φ_{231} Φ_{198} Φ_{154} Φ_{99} Φ_{77} Φ_{66} Φ_{42} Φ_{33} Φ_{22} Φ_{21} Φ_{14} Φ_{11} Φ_7 Φ_1
81912	1297	1701	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{404}{1701}$	$\frac{163}{567}$	Φ_{1701} Φ_{243} Φ_{189} Φ_{63} Φ_{21} Φ_7 Φ_1
81913	1297	1800	$\frac{3}{100}$	$\frac{97}{600}$	$\frac{1}{4}$	$\frac{503}{1800}$	Φ_{1800} Φ_{900} Φ_{450} Φ_{360} Φ_{225} Φ_{180} Φ_{100} Φ_{90} Φ_{72} Φ_{50} Φ_{45} Φ_{36} Φ_{25} Φ_{20} Φ_{18} Φ_{10} Φ_9 Φ_5 Φ_1
81914	1297	1800	$\frac{1}{24}$	$\frac{97}{600}$	$\frac{23}{120}$	$\frac{503}{1800}$	Φ_{1800} Φ_{900} Φ_{450} Φ_{360} Φ_{225} Φ_{180} Φ_{120} Φ_{90} Φ_{72} Φ_{60} Φ_{45} Φ_{40} Φ_{36} Φ_{30} Φ_{20} Φ_{18} Φ_{15} Φ_{10} Φ_9 Φ_5 Φ_1
81915	1297	1728	$\frac{1}{48}$	$\frac{47}{192}$	$\frac{431}{1728}$	$\frac{145}{576}$	Φ_{1728} Φ_{864} Φ_{432} Φ_{216} Φ_{192} Φ_{108} Φ_{96} Φ_{64} Φ_{54} Φ_{32} Φ_{27} Φ_1
81916	1297	1600	$\frac{3}{100}$	$\frac{303}{1600}$	$\frac{97}{400}$	$\frac{1}{4}$	Φ_{1600} Φ_{800} Φ_{320} Φ_{160} Φ_{100} Φ_{64} Φ_{50} Φ_{32} Φ_{25} Φ_{20} Φ_{10} Φ_5 Φ_1
81917	1297	1456	$\frac{3}{52}$	$\frac{159}{1456}$	$\frac{49}{208}$	$\frac{1}{4}$	Φ_{1456} Φ_{728} Φ_{364} Φ_{182} Φ_{112} Φ_{91} Φ_{56} Φ_{52} Φ_{28} Φ_{26} Φ_{14} Φ_{13} Φ_7 Φ_1
81918	1297	1664	$\frac{3}{52}$	$\frac{49}{416}$	$\frac{367}{1664}$	$\frac{1}{4}$	Φ_{1664} Φ_{832} Φ_{128} Φ_{64} Φ_{52} Φ_{26} Φ_{13} Φ_1
81919	1297	1360	$\frac{63}{1360}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	Φ_{1360} Φ_{680} Φ_{340} Φ_{272} Φ_{170} Φ_{136} Φ_{85} Φ_{68} Φ_{34} Φ_{20} Φ_{17} Φ_{10} Φ_5 Φ_1
81920	1297	1600	$\frac{17}{320}$	$\frac{3}{20}$	$\frac{303}{1600}$	$\frac{1}{4}$	Φ_{1600} Φ_{800} Φ_{400} Φ_{200} Φ_{100} Φ_{50} Φ_{25} Φ_{20} Φ_{10} Φ_5 Φ_1
81921	1297	1560	$\frac{3}{52}$	$\frac{49}{312}$	$\frac{263}{1560}$	$\frac{1}{4}$	Φ_{1560} Φ_{780} Φ_{520} Φ_{390} Φ_{260} Φ_{195} Φ_{130} Φ_{120} Φ_{65} Φ_{60} Φ_{52} Φ_{40} Φ_{30} Φ_{26} Φ_{20} Φ_{15} Φ_{13} Φ_{10} Φ_5 Φ_1
81922	1297	1440	$\frac{143}{1440}$	$\frac{17}{160}$	$\frac{3}{20}$	$\frac{1}{4}$	Φ_{1440} Φ_{720} Φ_{480} Φ_{360} Φ_{288} Φ_{240} Φ_{180} Φ_{144} Φ_{120} Φ_{96} Φ_{90} Φ_{72} Φ_{60} Φ_{48} Φ_{45} Φ_{36} Φ_{30} Φ_{24} Φ_{20} Φ_{18} Φ_{15} Φ_{12} Φ_{10} Φ_9 Φ_6 Φ_5 Φ_3 Φ_1
81923	1297	1680	$\frac{37}{420}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{383}{1680}$	Φ_{1680} Φ_{840} Φ_{560} Φ_{336} Φ_{280} Φ_{240} Φ_{168} Φ_{120} Φ_{112} Φ_{80} Φ_{56} Φ_{48} Φ_{42} Φ_{40} Φ_{24} Φ_{21} Φ_{16} Φ_{14} Φ_8 Φ_7 Φ_1

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
81924	1297	1440	$\frac{143}{1440}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{180}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
81925	1297	1575	$\frac{1}{9}$	$\frac{37}{315}$	$\frac{278}{1575}$	$\frac{8}{45}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{225}\ \Phi_{175}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
81926	1297	1470	$\frac{173}{1470}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{210}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{294}\ \Phi_{245}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
81927	1297	1512	$\frac{5}{42}$	$\frac{215}{1512}$	$\frac{37}{252}$	$\frac{1}{6}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{72}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
81928	1298	1290	$\frac{4}{645}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{641}{1290}$	$\Phi_{1290}^2\ \Phi_{430}^2\ \Phi_{258}^2\ \Phi_{86}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{2}^2$
81929	1298	780	$\frac{1}{130}$	$\frac{131}{780}$	$\frac{1}{3}$	$\frac{129}{260}$	$\Phi_{780}\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
81930	1298	2340	$\frac{1}{117}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{58}{117}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{180}\ \Phi_{156}\ \Phi_{117}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
81931	1298	585	$\frac{1}{117}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{58}{117}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{117}^3\ \Phi_{65}^2\ \Phi_{45}^2\ \Phi_{39}^3\ \Phi_{15}^3\ \Phi_{13}^3\ \Phi_{9}^3\ \Phi_{5}^2\ \Phi_{3}^4\ \Phi_{1}^4$
81932	1298	3840	$\frac{9}{640}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{631}{1280}$	$\Phi_{3840}\ \Phi_{768}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
81933	1298	2436	$\frac{1}{58}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{57}{116}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{348}\ \Phi_{116}^2\ \Phi_{84}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
81934	1298	348	$\frac{1}{58}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{57}{116}$	$\Phi_{348}^3\ \Phi_{174}^4\ \Phi_{116}^4\ \Phi_{87}^4\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_{12}^5\ \Phi_{6}^6\ \Phi_{4}^6\ \Phi_{3}^5\ \Phi_{2}^6\ \Phi_{1}^6$
81935	1298	812	$\frac{1}{58}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{57}{116}$	$\Phi_{812}^3\ \Phi_{116}^4\ \Phi_{28}^3\ \Phi_{14}^2\ \Phi_{7}\ \Phi_{4}^4\ \Phi_{2}^2\ \Phi_{1}^2$
81936	1298	3822	$\frac{12}{637}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{625}{1274}$	$\Phi_{3822}\ \Phi_{546}\ \Phi_{294}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{6}$
81937	1298	2100	$\frac{1}{50}$	$\frac{51}{700}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{210}\ \Phi_{150}\ \Phi_{105}\ \Phi_{84}\ \Phi_{75}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{6}$
81938	1298	2622	$\frac{2}{57}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{2622}\ \Phi_{874}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
81939	1298	3750	$\frac{24}{625}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{601}{1250}$	$\Phi_{3750}\ \Phi_{750}\ \Phi_{150}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
81940	1298	2028	$\frac{1}{26}$	$\frac{27}{676}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{507}\ \Phi_{78}\ \Phi_{39}\ \Phi_{6}$
81941	1298	1248	$\frac{1}{26}$	$\frac{25}{624}$	$\frac{1}{3}$	$\frac{599}{1248}$	$\Phi_{1248}^2\ \Phi_{416}^2\ \Phi_{96}^2\ \Phi_{78}\ \Phi_{39}\ \Phi_{32}^2\ \Phi_{6}$
81942	1298	609	$\frac{1}{29}$	$\frac{1}{21}$	$\frac{28}{87}$	$\frac{10}{21}$	$\Phi_{609}^2\ \Phi_{203}^2\ \Phi_{87}^3\ \Phi_{29}^2\ \Phi_{21}^3\ \Phi_{7}^3\ \Phi_{3}^4\ \Phi_{1}^4$
81943	1298	1840	$\frac{1}{23}$	$\frac{1}{20}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{1840}\ \Phi_{460}\ \Phi_{368}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}\ \Phi_{46}$
81944	1298	2576	$\frac{1}{23}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{2576}\ \Phi_{368}\ \Phi_{92}\ \Phi_{46}$
81945	1298	336	$\frac{3}{56}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{53}{112}$	$\Phi_{336}^8\ \Phi_{112}^6\ \Phi_{84}\ \Phi_{48}^8\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}^6\ \Phi_{14}$
81946	1298	204	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{9}{68}$	$\frac{8}{17}$	$\Phi_{204}^7\ \Phi_{102}^7\ \Phi_{68}^5\ \Phi_{51}^7\ \Phi_{34}^5\ \Phi_{17}^6\ \Phi_{12}^6\ \Phi_{6}^6\ \Phi_{4}^4\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
81947	1298	2530	$\frac{1}{23}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{2530}\ \Phi_{506}\ \Phi_{230}\ \Phi_{115}\ \Phi_{46}$
81948	1298	1200	$\frac{1}{50}$	$\frac{49}{600}$	$\frac{1}{3}$	$\frac{551}{1200}$	$\Phi_{1200}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{150}\ \Phi_{80}^2\ \Phi_{75}\ \Phi_{48}^2\ \Phi_{30}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{6}$
81949	1298	1656	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
81950	1298	2484	$\frac{1}{23}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
81951	1298	60	$\frac{1}{60}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{60}^{21}\ \Phi_{30}^{22}\ \Phi_{20}^{22}\ \Phi_{15}^{22}\ \Phi_{12}^{21}\ \Phi_{10}^{22}\ \Phi_{6}^{22}\ \Phi_{5}^{22}\ \Phi_{4}^{22}\ \Phi_{3}^{21}\ \Phi_{2}^{22}\ \Phi_{1}^{22}$
81952	1298	780	$\frac{1}{39}$	$\frac{1}{10}$	$\frac{19}{78}$	$\frac{9}{20}$	$\Phi_{780}^3\ \Phi_{260}^3\ \Phi_{156}^3\ \Phi_{78}^2\ \Phi_{60}^3\ \Phi_{52}^3\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{20}^4\ \Phi_{13}\ \Phi_{12}^3\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
81953	1298	1260	$\frac{4}{63}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{180}\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{60}\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
81954	1298	260	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{260}^9\ \Phi_{65}^2\ \Phi_{52}^9\ \Phi_{20}^{10}\ \Phi_{13}\ \Phi_{5}^2\ \Phi_{4}^{10}\ \Phi_{1}^2$
81955	1298	1170	$\frac{1}{65}$	$\frac{64}{585}$	$\frac{1}{3}$	$\frac{521}{1170}$	$\Phi_{1170}^2\ \Phi_{390}^2\ \Phi_{234}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{90}^2\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{2}^2$
81956	1298	252	$\frac{4}{63}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^5\ \Phi_{63}^4\ \Phi_{42}^5\ \Phi_{36}^6\ \Phi_{28}^5\ \Phi_{21}^3\ \Phi_{18}^6\ \Phi_{14}^5\ \Phi_{12}^4\ \Phi_{9}^4\ \Phi_{7}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
81957	1298	204	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{8}{51}$	$\frac{43}{102}$	$\Phi_{204}^7\ \Phi_{102}^5\ \Phi_{68}^7\ \Phi_{51}^7\ \Phi_{34}^5\ \Phi_{17}^6\ \Phi_{12}^6\ \Phi_{6}^4\ \Phi_{4}^6\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
81958	1298	2300	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{2300}\ \Phi_{460}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}\ \Phi_{46}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
81959	1298	2142	$\frac{1}{119}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{2142}\ \Phi_{714}\ \Phi_{357}\ \Phi_{306}\ \Phi_{238}\ \Phi_{126}\ \Phi_{102}\ \Phi_{51}\ \Phi_{42}\ \Phi_{34}\ \Phi_{21}\ \Phi_{14}$
81960	1298	2208	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
81961	1298	3120	$\frac{1}{130}$	$\frac{129}{520}$	$\frac{1}{3}$	$\frac{391}{1040}$	$\Phi_{3120}\ \Phi_{624}\ \Phi_{390}\ \Phi_{240}\ \Phi_{195}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
81962	1298	1904	$\frac{1}{119}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1904}\ \Phi_{476}\ \Phi_{272}\ \Phi_{238}\ \Phi_{112}\ \Phi_{68}\ \Phi_{34}\ \Phi_{28}\ \Phi_{14}$
81963	1298	1472	$\frac{1}{23}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{368}\ \Phi_{92}\ \Phi_{46}$
81964	1298	2070	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{2070}\ \Phi_{690}\ \Phi_{414}\ \Phi_{345}\ \Phi_{230}\ \Phi_{138}\ \Phi_{115}\ \Phi_{69}\ \Phi_{46}$
81965	1298	780	$\frac{1}{65}$	$\frac{131}{780}$	$\frac{64}{195}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{2}^2$
81966	1298	750	$\frac{1}{50}$	$\frac{101}{750}$	$\frac{49}{150}$	$\frac{1}{3}$	$\Phi_{750}^2\ \Phi_{375}^2\ \Phi_{250}^2\ \Phi_{150}\ \Phi_{125}^2\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
81967	1298	960	$\frac{9}{320}$	$\frac{1}{10}$	$\frac{311}{960}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}^2\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
81968	1298	348	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{28}{87}$	$\frac{1}{3}$	$\Phi_{348}^4\ \Phi_{174}^4\ \Phi_{116}^4\ \Phi_{87}^3\ \Phi_{58}^4\ \Phi_{29}^2\ \Phi_{12}^6\ \Phi_{6}^6\ \Phi_{4}^6\ \Phi_{3}^4\ \Phi_{2}^6\ \Phi_{1}^4$
81969	1298	702	$\frac{1}{26}$	$\frac{53}{702}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}\ \Phi_{54}^2\ \Phi_{39}\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{6}$
81970	1298	936	$\frac{1}{26}$	$\frac{25}{312}$	$\frac{287}{936}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}\ \Phi_{72}^2\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{6}$
81971	1298	900	$\frac{1}{50}$	$\frac{49}{300}$	$\frac{251}{900}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}\ \Phi_{90}^2\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{9}^2\ \Phi_{6}$
81972	1298	60	$\frac{1}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{60}^{22}\ \Phi_{30}^{22}\ \Phi_{20}^{22}\ \Phi_{15}^{21}\ \Phi_{12}^{22}\ \Phi_{10}^{22}\ \Phi_{6}^{22}\ \Phi_{5}^{20}\ \Phi_{4}^{22}\ \Phi_{3}^{20}\ \Phi_{2}^{22}\ \Phi_{1}^{20}$
81973	1298	2580	$\frac{4}{215}$	$\frac{1}{5}$	$\frac{211}{860}$	$\frac{1}{3}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{516}\ \Phi_{258}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
81974	1298	2400	$\frac{1}{50}$	$\frac{151}{800}$	$\frac{49}{200}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{480}\ \Phi_{240}\ \Phi_{150}\ \Phi_{96}\ \Phi_{75}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
81975	1298	2184	$\frac{1}{26}$	$\frac{79}{728}$	$\frac{25}{104}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{273}\ \Phi_{168}\ \Phi_{84}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{21}\ \Phi_{6}$
81976	1298	2040	$\frac{31}{680}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
81977	1298	2496	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{183}{832}$	$\frac{1}{3}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{192}\ \Phi_{96}\ \Phi_{78}\ \Phi_{39}\ \Phi_{6}$
81978	1298	750	$\frac{1}{25}$	$\frac{101}{750}$	$\frac{24}{125}$	$\frac{1}{3}$	$\Phi_{750}^2\ \Phi_{375}\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{125}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
81979	1298	2400	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{151}{800}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
81980	1298	780	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{131}{780}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{6}\ \Phi_{5}^2$
81981	1298	2184	$\frac{1}{13}$	$\frac{79}{728}$	$\frac{12}{91}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}\ \Phi_{168}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
81982	1298	720	$\frac{71}{720}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
81983	1298	1218	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{28}{87}$	$\Phi_{1218}^2\ \Phi_{609}\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^2$
81984	1298	612	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{35}{153}$	$\frac{16}{51}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{204}\ \Phi_{153}^2\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}^3\ \Phi_{34}\ \Phi_{18}^3\ \Phi_{9}^2$
81985	1298	1932	$\frac{1}{23}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{483}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
81986	1298	84	$\frac{1}{12}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{84}$	$\Phi_{84}^{15}\ \Phi_{42}^{15}\ \Phi_{28}^{17}\ \Phi_{21}^{15}\ \Phi_{14}^{17}\ \Phi_{12}^{14}\ \Phi_{7}^{16}\ \Phi_{6}^{14}\ \Phi_{4}^{16}\ \Phi_{3}^{14}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
81987	1298	1656	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
81988	1298	390	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{19}{78}$	$\frac{4}{15}$	$\Phi_{390}^4\ \Phi_{195}^2\ \Phi_{130}^4\ \Phi_{78}^6\ \Phi_{65}^2\ \Phi_{39}^3\ \Phi_{30}^4\ \Phi_{26}^6\ \Phi_{15}^3\ \Phi_{13}^3\ \Phi_{10}^4\ \Phi_{6}^6\ \Phi_{5}^2\ \Phi_{3}^4\ \Phi_{2}^6\ \Phi_{1}^4$
81989	1298	315	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^6\ \Phi_{45}^2\ \Phi_{35}^4\ \Phi_{21}^6\ \Phi_{15}^3\ \Phi_{9}^3\ \Phi_{7}^6\ \Phi_{5}^2\ \Phi_{3}^4\ \Phi_{1}^4$
81990	1298	195	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{195}^9\ \Phi_{65}^2\ \Phi_{39}^9\ \Phi_{15}^{10}\ \Phi_{13}\ \Phi_{5}^2\ \Phi_{3}^{10}\ \Phi_{1}^2$
81991	1298	420	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{3}{14}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^4\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}\ \Phi_{10}^2\ \Phi_{5}^2$
81992	1299	2360	$\frac{1}{118}$	$\frac{119}{1180}$	$\frac{1061}{2360}$	$\frac{117}{236}$	$\Phi_{2360}\ \Phi_{472}\ \Phi_{236}\ \Phi_{40}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
81993	1299	1708	$\frac{6}{427}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{421}{854}$	$\Phi_{1708}\ \Phi_{427}\ \Phi_{244}\ \Phi_{61}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
81994	1299	496	$\frac{1}{62}$	$\frac{63}{496}$	$\frac{1}{4}$	$\frac{61}{124}$	$\Phi_{496}^3\ \Phi_{248}^3\ \Phi_{124}^2\ \Phi_{62}\ \Phi_{31}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
81995	1299	2552	$\frac{23}{1276}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{1253}{2552}$	$\Phi_{2552}\ \Phi_{232}\ \Phi_{88}\ \Phi_{44}\ \Phi_8\ \Phi_4\ \Phi_1$
81996	1299	840	$\frac{13}{420}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{407}{840}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{14}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
81997	1299	836	$\frac{15}{418}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{403}{836}$	$\Phi_{836}^3\ \Phi_{76}^3\ \Phi_{44}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
81998	1299	1760	$\frac{1}{22}$	$\frac{21}{440}$	$\frac{461}{1760}$	$\frac{419}{880}$	$\Phi_{1760}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
81999	1299	1496	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{197}{1496}$	$\frac{177}{374}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{187}\ \Phi_{136}\ \Phi_{88}\ \Phi_{68}\ \Phi_{44}\ \Phi_{17}\ \Phi_8\ \Phi_4\ \Phi_1$
82000	1299	2464	$\frac{1}{22}$	$\frac{67}{1232}$	$\frac{21}{88}$	$\frac{1165}{2464}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{224}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
82001	1299	2464	$\frac{67}{1232}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1165}{2464}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{224}\ \Phi_{77}\ \Phi_{32}\ \Phi_7\ \Phi_1$
82002	1299	448	$\frac{15}{448}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{64}^3\ \Phi_{56}^3\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
82003	1299	2420	$\frac{1}{22}$	$\frac{89}{1210}$	$\frac{21}{110}$	$\frac{1121}{2420}$	$\Phi_{2420}\ \Phi_{484}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
82004	1299	1612	$\frac{1}{31}$	$\frac{30}{403}$	$\frac{1}{4}$	$\frac{373}{806}$	$\Phi_{1612}\ \Phi_{403}\ \Phi_{124}^2\ \Phi_{62}\ \Phi_{52}\ \Phi_{31}\ \Phi_{13}\ \Phi_4\ \Phi_1$
82005	1299	528	$\frac{1}{22}$	$\frac{7}{88}$	$\frac{95}{528}$	$\frac{81}{176}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{66}^3\ \Phi_{48}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_8^3\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
82006	1299	792	$\frac{1}{22}$	$\frac{37}{396}$	$\frac{7}{44}$	$\frac{359}{792}$	$\Phi_{792}^3\ \Phi_{264}^3\ \Phi_{88}^3\ \Phi_{72}^3\ \Phi_{44}^3\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
82007	1299	462	$\frac{29}{462}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{154}$	$\Phi_{462}^3\ \Phi_{231}^3\ \Phi_{154}^2\ \Phi_{77}^3\ \Phi_{66}^3\ \Phi_{42}^3\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_7^3\ \Phi_6^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
82008	1299	748	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{59}{374}$	$\frac{315}{748}$	$\Phi_{748}^3\ \Phi_{187}\ \Phi_{68}^3\ \Phi_{44}^3\ \Phi_{17}\ \Phi_4^3\ \Phi_1$
82009	1299	744	$\frac{1}{62}$	$\frac{61}{372}$	$\frac{1}{4}$	$\frac{311}{744}$	$\Phi_{744}^3\ \Phi_{248}^3\ \Phi_{124}^2\ \Phi_{62}\ \Phi_{31}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
82010	1299	2200	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{199}{1100}$	$\frac{901}{2200}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{220}\ \Phi_{200}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
82011	1299	708	$\frac{1}{118}$	$\frac{79}{354}$	$\frac{39}{118}$	$\frac{275}{708}$	$\Phi_{708}^3\ \Phi_{236}^3\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
82012	1299	704	$\frac{1}{22}$	$\frac{7}{88}$	$\frac{81}{352}$	$\frac{271}{704}$	$\Phi_{704}^3\ \Phi_{88}^3\ \Phi_{64}^3\ \Phi_{44}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
82013	1299	1408	$\frac{1}{22}$	$\frac{109}{1408}$	$\frac{21}{88}$	$\frac{67}{176}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{128}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
82014	1299	1888	$\frac{1}{118}$	$\frac{117}{472}$	$\frac{589}{1888}$	$\frac{355}{944}$	$\Phi_{1888}\ \Phi_{472}\ \Phi_{236}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
82015	1299	660	$\frac{1}{22}$	$\frac{7}{110}$	$\frac{103}{330}$	$\frac{227}{660}$	$\Phi_{660}^3\ \Phi_{220}^3\ \Phi_{132}^3\ \Phi_{110}^3\ \Phi_{60}^3\ \Phi_{55}^3\ \Phi_{44}^3\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
82016	1299	1116	$\frac{1}{62}$	$\frac{125}{558}$	$\frac{1}{4}$	$\frac{61}{186}$	$\Phi_{1116}^2\ \Phi_{558}\ \Phi_{279}\ \Phi_{124}^2\ \Phi_{62}\ \Phi_{36}^2\ \Phi_{31}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
82017	1299	561	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{128}{561}$	$\frac{59}{187}$	$\Phi_{561}^3\ \Phi_{187}\ \Phi_{51}^3\ \Phi_{33}^3\ \Phi_{17}\ \Phi_3^3\ \Phi_1$
82018	1299	1260	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{197}{630}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
82019	1299	924	$\frac{29}{462}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{924}^2\ \Phi_{462}\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}^2\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_4\ \Phi_1$
82020	1299	616	$\frac{1}{22}$	$\frac{67}{616}$	$\frac{21}{88}$	$\frac{183}{616}$	$\Phi_{616}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{88}^3\ \Phi_{77}^2\ \Phi_{56}^2\ \Phi_{44}^3\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
82021	1299	616	$\frac{1}{11}$	$\frac{67}{616}$	$\frac{10}{77}$	$\frac{183}{616}$	$\Phi_{616}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{88}^2\ \Phi_{77}^3\ \Phi_{56}^2\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
82022	1299	528	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{95}{528}$	$\frac{37}{132}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{88}^3\ \Phi_{48}^3\ \Phi_{44}^3\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{16}^3\ \Phi_{11}^2\ \Phi_8^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
82023	1299	560	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{127}{560}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
82024	1299	980	$\frac{1}{14}$	$\frac{57}{490}$	$\frac{13}{70}$	$\frac{1}{4}$	$\Phi_{980}^2\ \Phi_{490}\ \Phi_{245}\ \Phi_{196}^2\ \Phi_{98}\ \Phi_{49}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
82025	1299	504	$\frac{1}{14}$	$\frac{71}{504}$	$\frac{13}{84}$	$\frac{1}{4}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{14}\ \Phi_9^3\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
82026	1299	1540	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{241}{1540}$	$\frac{67}{308}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{220}\ \Phi_{140}\ \Phi_{110}\ \Phi_{77}\ \Phi_{70}\ \Phi_{55}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
82027	1300	648	$\frac{1}{324}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{323}{648}$	$\Phi_{648}^4\ \Phi_{216}^4\ \Phi_{72}^4\ \Phi_{24}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
82028	1300	2072	$\frac{1}{259}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{129}{259}$	$\Phi_{2072}\ \Phi_{296}\ \Phi_{259}\ \Phi_{56}\ \Phi_{37}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
82029	1300	1302	$\frac{1}{217}$	$\frac{109}{434}$	$\frac{1}{3}$	$\frac{108}{217}$	$\Phi_{1302}^2\ \Phi_{651}\ \Phi_{186}^2\ \Phi_{93}\ \Phi_{42}^2\ \Phi_{21}\ \Phi_6^2$
82030	1300	387	$\frac{1}{129}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{64}{129}$	$\Phi_{387}^3\ \Phi_{129}^4\ \Phi_{43}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
82031	1300	258	$\frac{1}{129}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{64}{129}$	$\Phi_{258}^6\ \Phi_{129}^4\ \Phi_{86}^6\ \Phi_{43}^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
82032	1300	1299	$\frac{11}{1299}$	$\frac{131}{1299}$	$\frac{584}{1299}$	$\frac{644}{1299}$	$\Phi_{1299}\ \Phi_{433}\ \Phi_3\ \Phi_1^2$
82033	1300	1932	$\frac{3}{322}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{319}{644}$	$\Phi_{1932}^2\ \Phi_{276}^2\ \Phi_{84}^2\ \Phi_{21}\ \Phi_{12}^2$
82034	1300	792	$\frac{1}{99}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{49}{99}$	$\Phi_{792}^3\ \Phi_{264}^3\ \Phi_{99}\ \Phi_{88}^3\ \Phi_{72}^3\ \Phi_{33}\ \Phi_{24}^4\ \Phi_{11}\ \Phi_9\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
82035	1300	495	$\frac{1}{99}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{49}{99}$	$\Phi_{495}^3\ \Phi_{165}^3\ \Phi_{99}\ \Phi_{55}^3\ \Phi_{45}^3\ \Phi_{33}\ \Phi_{15}^4\ \Phi_{11}\ \Phi_9\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
82036	1300	198	$\frac{1}{99}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{49}{99}$	$\Phi_{198}^6\ \Phi_{99}^7\ \Phi_{66}^6\ \Phi_{33}^7\ \Phi_{22}^6\ \Phi_{18}^7\ \Phi_{11}^7\ \Phi_9^8\ \Phi_6^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
82037	1300	1584	$\frac{1}{99}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{49}{99}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
82038	1300	372	$\frac{1}{93}$	$\frac{47}{372}$	$\frac{1}{3}$	$\frac{46}{93}$	$\Phi_{372}^4\ \Phi_{186}^4\ \Phi_{124}^4\ \Phi_{93}^2\ \Phi_{62}^4\ \Phi_{31}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
82039	1300	174	$\frac{1}{87}$	$\frac{1}{6}$	$\frac{22}{87}$	$\frac{43}{87}$	$\Phi_{174}^9\ \Phi_{87}^6\ \Phi_{58}^9\ \Phi_{29}^6\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
82040	1300	1299	$\frac{17}{1299}$	$\frac{194}{1299}$	$\frac{329}{1299}$	$\frac{641}{1299}$	$\Phi_{1299}\ \Phi_{433}\ \Phi_3\ \Phi_1^2$
82041	1300	651	$\frac{3}{217}$	$\frac{22}{217}$	$\frac{1}{3}$	$\frac{107}{217}$	$\Phi_{651}^3\ \Phi_{93}^3\ \Phi_{21}^3\ \Phi_3^2$
82042	1300	1281	$\frac{19}{1281}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{631}{1281}$	$\Phi_{1281}\ \Phi_{427}\ \Phi_{183}\ \Phi_{61}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
82043	1300	2432	$\frac{1}{64}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{63}{128}$	$\Phi_{2432}\ \Phi_{128}^2\ \Phi_{19}\ \Phi_1^2$
82044	1300	4224	$\frac{1}{64}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{63}{128}$	$\Phi_{4224}\ \Phi_{33}$
82045	1300	2432	$\frac{1}{64}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{63}{128}$	$\Phi_{2432}\ \Phi_{128}^2\ \Phi_{19}\ \Phi_1^2$
82046	1300	1920	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{63}{128}$	$\Phi_{1920}^2\ \Phi_{640}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
82047	1300	816	$\frac{1}{51}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{25}{51}$	$\Phi_{816}^3\ \Phi_{272}^3\ \Phi_{51}\ \Phi_{48}^4\ \Phi_{17}\ \Phi_{16}^4\ \Phi_3\ \Phi_1^2$
82048	1300	459	$\frac{1}{51}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{459}^3\ \Phi_{153}^3\ \Phi_{51}\ \Phi_{27}^4\ \Phi_{17}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
82049	1300	612	$\frac{1}{51}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{51}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{153}^3\ \Phi_{51}\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{17}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
82050	1300	1428	$\frac{1}{51}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{51}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{238}\ \Phi_{119}\ \Phi_{84}\ \Phi_{51}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{17}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
82051	1300	1632	$\frac{1}{51}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{51}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{272}\ \Phi_{96}\ \Phi_{51}\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
82052	1300	102	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{25}{51}$	$\Phi_{102}^{12}\ \Phi_{51}^{13}\ \Phi_{34}^{12}\ \Phi_{17}^{13}\ \Phi_6^{16}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
82053	1300	1225	$\frac{1}{49}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{24}{49}$	$\Phi_{1225}\ \Phi_{245}\ \Phi_{175}\ \Phi_{49}^2\ \Phi_{35}\ \Phi_{25}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
82054	1300	294	$\frac{1}{49}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{294}^7\ \Phi_{147}^6\ \Phi_{42}^8\ \Phi_{21}^7\ \Phi_6^8\ \Phi_3^6$
82055	1300	735	$\frac{1}{49}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{24}{49}$	$\Phi_{735}^2\ \Phi_{245}\ \Phi_{147}^2\ \Phi_{105}^2\ \Phi_{49}^2\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{15}^4\ \Phi_7^2\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
82056	1300	433	$\frac{9}{433}$	$\frac{17}{433}$	$\frac{208}{433}$	$\frac{212}{433}$	$\Phi_{433}^3\ \Phi_1^4$
82057	1300	1414	$\frac{3}{101}$	$\frac{1}{14}$	$\frac{26}{101}$	$\frac{49}{101}$	$\Phi_{1414}\ \Phi_{707}\ \Phi_{202}$
82058	1300	1299	$\frac{41}{1299}$	$\frac{134}{1299}$	$\frac{233}{1299}$	$\frac{629}{1299}$	$\Phi_{1299}\ \Phi_{433}\ \Phi_3\ \Phi_1^2$
82059	1300	126	$\frac{2}{63}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{126}^{20}\ \Phi_{42}^{20}\ \Phi_{21}^2\ \Phi_{18}^{20}\ \Phi_{14}^{20}\ \Phi_7^2\ \Phi_6^{20}\ \Phi_3\ \Phi_2^{20}\ \Phi_1^2$
82060	1300	126	$\frac{2}{63}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{61}{126}$	$\Phi_{126}^8\ \Phi_{63}^{12}\ \Phi_{42}^8\ \Phi_{21}^{12}\ \Phi_{18}^{11}\ \Phi_{14}^8\ \Phi_9^{14}\ \Phi_7^{12}\ \Phi_6^{10}\ \Phi_3^{13}\ \Phi_2^{10}\ \Phi_1^{14}$
82061	1300	1023	$\frac{1}{31}$	$\frac{16}{341}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{1023}^2\ \Phi_{93}\ \Phi_{33}^2$
82062	1300	174	$\frac{1}{29}$	$\frac{3}{29}$	$\frac{1}{6}$	$\frac{14}{29}$	$\Phi_{174}^9\ \Phi_{87}^9\ \Phi_{58}^9\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8$
82063	1300	1299	$\frac{49}{1299}$	$\frac{74}{1299}$	$\frac{337}{1299}$	$\frac{625}{1299}$	$\Phi_{1299}\ \Phi_{433}\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
82064	1300	651	$\frac{25}{651}$	$\frac{26}{651}$	$\frac{1}{3}$	$\frac{313}{651}$	$\Phi_{651}^2\ \Phi_{217}^2\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
82065	1300	1950	$\frac{1}{26}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{390}\ \Phi_{195}\ \Phi_{150}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{30}\ \Phi_6^2$
82066	1300	1225	$\frac{1}{25}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{12}{25}$	$\Phi_{1225}\ \Phi_{245}\ \Phi_{175}\ \Phi_{49}^2\ \Phi_{35}\ \Phi_{25}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
82067	1300	1650	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{12}{25}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2$
82068	1300	700	$\frac{1}{25}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{12}{25}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{35}\ \Phi_{28}^4\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{14}^4\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
82069	1300	432	$\frac{1}{27}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{432}^6\ \Phi_{144}^6\ \Phi_{48}^4\ \Phi_{27}^2\ \Phi_{16}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
82070	1300	816	$\frac{1}{24}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{23}{48}$	$\Phi_{816}^3\ \Phi_{272}^3\ \Phi_{48}^4\ \Phi_{17}^3\ \Phi_{16}^4\ \Phi_1^4$
82071	1300	1680	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{240}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
82072	1300	1848	$\frac{1}{22}$	$\frac{1}{21}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{77}\ \Phi_{66}\ \Phi_{56}\ \Phi_{42}\ \Phi_{33}\ \Phi_{24}\ \Phi_{14}\ \Phi_6$
82073	1300	336	$\frac{11}{336}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{48}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^2\ \Phi_{16}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_7^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
82074	1300	372	$\frac{1}{31}$	$\frac{3}{62}$	$\frac{1}{3}$	$\frac{59}{124}$	$\Phi_{372}^{10}\ \Phi_{93}\ \Phi_{12}^{10}$
82075	1300	1824	$\frac{1}{32}$	$\frac{1}{19}$	$\frac{31}{96}$	$\frac{9}{19}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}^2\ \Phi_{57}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
82076	1300	1292	$\frac{3}{68}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{1292}\ \Phi_{646}\ \Phi_{323}\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{19}\ \Phi_{17}^2\ \Phi_1^2$
82077	1300	304	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{9}{19}$	$\Phi_{304}^4\ \Phi_{152}^4\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{19}^5\ \Phi_{16}^8\ \Phi_8^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{10}$
82078	1300	798	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}\ \Phi_{133}\ \Phi_{114}\ \Phi_{57}\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{19}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
82079	1300	1368	$\frac{1}{19}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{9}{19}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{72}^2\ \Phi_{57}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
82080	1300	1378	$\frac{1}{26}$	$\frac{3}{53}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{1378}\ \Phi_{689}\ \Phi_{106}$
82081	1300	918	$\frac{1}{27}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{918}^2\ \Phi_{459}\ \Phi_{306}^2\ \Phi_{153}\ \Phi_{102}^2\ \Phi_{54}^2\ \Phi_{51}\ \Phi_{18}^2\ \Phi_6^2$
82082	1300	433	$\frac{23}{433}$	$\frac{27}{433}$	$\frac{82}{433}$	$\frac{203}{433}$	$\Phi_{433}^3\ \Phi_1^4$
82083	1300	1441	$\frac{9}{131}$	$\frac{1}{11}$	$\frac{14}{131}$	$\frac{61}{131}$	Φ_{1441}
82084	1300	1299	$\frac{91}{1299}$	$\frac{116}{1299}$	$\frac{139}{1299}$	$\frac{604}{1299}$	$\Phi_{1299}\ \Phi_{433}\ \Phi_3\ \Phi_1^2$
82085	1300	522	$\frac{14}{261}$	$\frac{19}{261}$	$\frac{1}{6}$	$\frac{121}{261}$	$\Phi_{522}^3\ \Phi_{261}^2\ \Phi_{174}^3\ \Phi_{87}^2\ \Phi_{58}^3\ \Phi_{29}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
82086	1300	1299	$\frac{38}{1299}$	$\frac{97}{1299}$	$\frac{349}{1299}$	$\frac{601}{1299}$	$\Phi_{1299}\ \Phi_{433}\ \Phi_3\ \Phi_1^2$
82087	1300	93	$\frac{2}{93}$	$\frac{7}{93}$	$\frac{1}{3}$	$\frac{43}{93}$	$\Phi_{93}^{14}\ \Phi_{31}^{14}\ \Phi_3^{13}\ \Phi_1^{14}$
82088	1300	433	$\frac{18}{433}$	$\frac{35}{433}$	$\frac{83}{433}$	$\frac{199}{433}$	$\Phi_{433}^3\ \Phi_1^4$
82089	1300	408	$\frac{1}{51}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{408}^6\ \Phi_{136}^6\ \Phi_{51}^2\ \Phi_{24}^4\ \Phi_{17}^2\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
82090	1300	264	$\frac{1}{33}$	$\frac{1}{12}$	$\frac{8}{33}$	$\frac{11}{24}$	$\Phi_{264}^9\ \Phi_{88}^9\ \Phi_{33}^3\ \Phi_{24}^{10}\ \Phi_{11}^3\ \Phi_8^{10}\ \Phi_3^3\ \Phi_1^4$
82091	1300	1560	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{130}\ \Phi_{120}\ \Phi_{65}\ \Phi_{40}\ \Phi_{10}$
82092	1300	792	$\frac{4}{99}$	$\frac{1}{12}$	$\frac{19}{99}$	$\frac{11}{24}$	$\Phi_{792}^3\ \Phi_{264}^3\ \Phi_{99}\ \Phi_{88}^3\ \Phi_{72}^3\ \Phi_{33}\ \Phi_{24}^4\ \Phi_{11}\ \Phi_9\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
82093	1300	168	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{168}^{15}\ \Phi_{56}^{15}\ \Phi_{42}^3\ \Phi_{24}^{10}\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_8^{10}\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
82094	1300	216	$\frac{2}{27}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{24}$	$\Phi_{216}^{12}\ \Phi_{72}^9\ \Phi_{27}^4\ \Phi_{24}^{10}\ \Phi_9^3\ \Phi_8^{10}\ \Phi_3^3\ \Phi_1^4$
82095	1300	264	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{11}{24}$	$\Phi_{264}^9\ \Phi_{88}^9\ \Phi_{24}^{10}\ \Phi_{11}^9\ \Phi_8^{10}\ \Phi_1^{10}$
82096	1300	1414	$\frac{1}{14}$	$\frac{9}{101}$	$\frac{11}{101}$	$\frac{46}{101}$	$\Phi_{1414}\ \Phi_{707}\ \Phi_{202}$
82097	1300	1299	$\frac{89}{1299}$	$\frac{121}{1299}$	$\frac{142}{1299}$	$\frac{589}{1299}$	$\Phi_{1299}\ \Phi_{433}\ \Phi_3\ \Phi_1^2$
82098	1300	522	$\frac{11}{261}$	$\frac{25}{261}$	$\frac{1}{6}$	$\frac{118}{261}$	$\Phi_{522}^3\ \Phi_{261}^2\ \Phi_{174}^3\ \Phi_{87}^2\ \Phi_{58}^3\ \Phi_{29}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
82099	1300	198	$\frac{1}{66}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{198}^6\ \Phi_{99}^6\ \Phi_{66}^8\ \Phi_{33}^8\ \Phi_{22}^8\ \Phi_{18}^6\ \Phi_{11}^8\ \Phi_9^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
82100	1300	306	$\frac{1}{51}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{306}^6\ \Phi_{153}^3\ \Phi_{102}^6\ \Phi_{51}^2\ \Phi_{34}^6\ \Phi_{18}^4\ \Phi_{17}^2\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
82101	1300	774	$\frac{1}{43}$	$\frac{1}{9}$	$\frac{21}{86}$	$\frac{4}{9}$	$\Phi_{774}^2\ \Phi_{387}\ \Phi_{258}^2\ \Phi_{129}\ \Phi_{86}^4\ \Phi_{43}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
82102	1300	387	$\frac{4}{129}$	$\frac{1}{9}$	$\frac{25}{129}$	$\frac{4}{9}$	$\Phi_{387}^3\ \Phi_{129}^4\ \Phi_{43}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
82103	1300	54	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{54}^{30}\ \Phi_{27}^{20}\ \Phi_{18}^{27}\ \Phi_9^{18}\ \Phi_6^{26}\ \Phi_3^{17}\ \Phi_2^{26}\ \Phi_1^{18}$
82104	1300	387	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{387}^3\ \Phi_{129}^3\ \Phi_{43}^6\ \Phi_9^4\ \Phi_3^4\ \Phi_1^8$
82105	1300	1386	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{198}\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}\ \Phi_{22}^2$
82106	1300	348	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{1}{6}$	$\frac{51}{116}$	$\Phi_{348}^8\ \Phi_{174}\ \Phi_{116}^4\ \Phi_{87}\ \Phi_{58}\ \Phi_{12}^8\ \Phi_4^4$
82107	1300	987	$\frac{4}{329}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{987}^2\ \Phi_{141}^2\ \Phi_{21}$
82108	1300	462	$\frac{1}{66}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{462}^3\ \Phi_{231}^3\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{66}^2\ \Phi_{42}^3\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
82109	1300	1299	$\frac{29}{1299}$	$\frac{209}{1299}$	$\frac{254}{1299}$	$\frac{545}{1299}$	$\Phi_{1299}\ \Phi_{433}\ \Phi_3\ \Phi_1^2$
82110	1300	558	$\frac{1}{93}$	$\frac{46}{279}$	$\frac{1}{3}$	$\frac{233}{558}$	$\Phi_{558}^4\ \Phi_{186}^4\ \Phi_{93}^2\ \Phi_{62}^4\ \Phi_{31}^2\ \Phi_{18}^4\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
82111	1300	504	$\frac{1}{21}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{72}^2\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
82112	1300	459	$\frac{1}{27}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{459}^3\ \Phi_{153}^3\ \Phi_{51}^3\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3^2$
82113	1300	1299	$\frac{59}{1299}$	$\frac{124}{1299}$	$\frac{235}{1299}$	$\frac{532}{1299}$	$\Phi_{1299}\ \Phi_{433}\ \Phi_3\ \Phi_1^2$
82114	1300	462	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{462}^5\ \Phi_{231}\ \Phi_{154}^5\ \Phi_{77}\ \Phi_{66}^5\ \Phi_{42}^5\ \Phi_{33}\ \Phi_{14}^5\ \Phi_6^5$
82115	1300	1299	$\frac{77}{1299}$	$\frac{94}{1299}$	$\frac{241}{1299}$	$\frac{529}{1299}$	$\Phi_{1299}\ \Phi_{433}\ \Phi_3\ \Phi_1^2$
82116	1300	1414	$\frac{6}{101}$	$\frac{1}{14}$	$\frac{19}{101}$	$\frac{41}{101}$	$\Phi_{1414}\ \Phi_{707}\ \Phi_{202}$
82117	1300	1441	$\frac{6}{131}$	$\frac{1}{11}$	$\frac{25}{131}$	$\frac{53}{131}$	Φ_{1441}
82118	1300	1299	$\frac{44}{1299}$	$\frac{155}{1299}$	$\frac{251}{1299}$	$\frac{524}{1299}$	$\Phi_{1299}\ \Phi_{433}\ \Phi_3\ \Phi_1^2$
82119	1300	174	$\frac{2}{87}$	$\frac{1}{6}$	$\frac{17}{87}$	$\frac{35}{87}$	$\Phi_{174}^9\ \Phi_{87}^6\ \Phi_{58}^9\ \Phi_{29}^6\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
82120	1300	1299	$\frac{14}{1299}$	$\frac{257}{1299}$	$\frac{389}{1299}$	$\frac{521}{1299}$	$\Phi_{1299}\ \Phi_{433}\ \Phi_3\ \Phi_1^2$
82121	1300	651	$\frac{2}{217}$	$\frac{43}{217}$	$\frac{1}{3}$	$\frac{87}{217}$	$\Phi_{651}^3\ \Phi_{93}^3\ \Phi_{21}^3\ \Phi_3^2$
82122	1300	3144	$\frac{1}{131}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{3144}\ \Phi_{393}$
82123	1300	2072	$\frac{3}{259}$	$\frac{64}{259}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2072}\ \Phi_{296}\ \Phi_{259}\ \Phi_{56}\ \Phi_{37}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
82124	1300	1320	$\frac{1}{66}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{330}\ \Phi_{165}\ \Phi_{120}^2\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
82125	1300	2072	$\frac{4}{259}$	$\frac{51}{259}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2072}\ \Phi_{296}\ \Phi_{259}\ \Phi_{56}\ \Phi_{37}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
82126	1300	1272	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1272}^2\ \Phi_{424}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}$
82127	1300	1064	$\frac{3}{133}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1064}^2\ \Phi_{152}^2\ \Phi_{133}^2\ \Phi_{56}\ \Phi_{19}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
82128	1300	296	$\frac{1}{37}$	$\frac{9}{74}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{296}^7\ \Phi_{74}^4\ \Phi_{37}^3\ \Phi_8^8\ \Phi_2^4\ \Phi_1^4$
82129	1300	2072	$\frac{9}{259}$	$\frac{25}{259}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2072}\ \Phi_{296}\ \Phi_{259}\ \Phi_{56}\ \Phi_{37}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
82130	1300	2376	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{297}\ \Phi_{264}\ \Phi_{99}\ \Phi_{33}$
82131	1300	2072	$\frac{12}{259}$	$\frac{19}{259}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2072}\ \Phi_{296}\ \Phi_{259}\ \Phi_{56}\ \Phi_{37}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
82132	1300	168	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^{13}\ \Phi_{56}^{11}\ \Phi_{42}^7\ \Phi_{24}^{13}\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_8^{12}\ \Phi_7^5\ \Phi_6^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
82133	1300	327	$\frac{2}{327}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{327}^4\ \Phi_{109}^4\ \Phi_3\ \Phi_1^2$
82134	1300	486	$\frac{1}{162}$	$\frac{161}{486}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{486}^4\ \Phi_{243}^4\ \Phi_3\ \Phi_1^2$
82135	1300	984	$\frac{3}{328}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{328}^2\ \Phi_{246}\ \Phi_{164}^2\ \Phi_{123}\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
82136	1300	432	$\frac{1}{108}$	$\frac{107}{432}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
82137	1300	657	$\frac{7}{657}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{657}^2\ \Phi_{219}^2\ \Phi_{73}^2\ \Phi_3\ \Phi_1^2$
82138	1300	81	$\frac{1}{81}$	$\frac{16}{81}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{81}^{16}\ \Phi_{27}^{16}\ \Phi_9^{16}\ \Phi_3^{17}\ \Phi_1^{18}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
82139	1300	66	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{66}^{20}\ \Phi_{33}^{20}\ \Phi_{22}^{20}\ \Phi_{11}^{20}\ \Phi_{6}^{16}\ \Phi_{3}^{17}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
82140	1300	378	$\frac{1}{54}$	$\frac{53}{378}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{378}^{4}\ \Phi_{189}^{4}\ \Phi_{126}^{4}\ \Phi_{63}^{4}\ \Phi_{42}^{4}\ \Phi_{21}^{4}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
82141	1300	255	$\frac{1}{51}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{255}^{6}\ \Phi_{85}^{6}\ \Phi_{51}^{2}\ \Phi_{17}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
82142	1300	333	$\frac{8}{333}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{333}^{4}\ \Phi_{111}^{4}\ \Phi_{37}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
82143	1300	729	$\frac{2}{81}$	$\frac{79}{729}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{729}^{2}\ \Phi_{243}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
82144	1300	72	$\frac{1}{36}$	$\frac{7}{72}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{72}^{20}\ \Phi_{36}^{16}\ \Phi_{24}^{20}\ \Phi_{18}^{16}\ \Phi_{12}^{16}\ \Phi_{9}^{16}\ \Phi_{8}^{20}\ \Phi_{6}^{16}\ \Phi_{4}^{16}\ \Phi_{3}^{17}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
82145	1300	336	$\frac{11}{336}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{112}^{4}\ \Phi_{84}^{4}\ \Phi_{56}^{4}\ \Phi_{48}^{4}\ \Phi_{42}^{4}\ \Phi_{28}^{4}\ \Phi_{24}^{4}\ \Phi_{21}^{4}\ \Phi_{16}^{4}\ \Phi_{14}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
82146	1300	27	$\frac{1}{27}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{27}^{48}\ \Phi_{9}^{48}\ \Phi_{3}^{49}\ \Phi_{1}^{50}$
82147	1300	546	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{546}^{2}\ \Phi_{273}^{2}\ \Phi_{182}^{4}\ \Phi_{91}^{4}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{26}^{2}\ \Phi_{21}\ \Phi_{14}^{2}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
82148	1300	342	$\frac{17}{342}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{342}^{4}\ \Phi_{171}^{4}\ \Phi_{114}^{4}\ \Phi_{57}^{4}\ \Phi_{38}^{4}\ \Phi_{19}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
82149	1300	837	$\frac{1}{93}$	$\frac{187}{837}$	$\frac{92}{279}$	$\frac{1}{3}$	$\Phi_{837}^{2}\ \Phi_{93}^{2}\ \Phi_{31}^{2}\ \Phi_{27}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
82150	1300	774	$\frac{2}{129}$	$\frac{1}{6}$	$\frac{127}{387}$	$\frac{1}{3}$	$\Phi_{774}^{3}\ \Phi_{387}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
82151	1300	483	$\frac{3}{161}$	$\frac{1}{7}$	$\frac{158}{483}$	$\frac{1}{3}$	$\Phi_{483}^{2}\ \Phi_{161}^{4}\ \Phi_{69}^{2}\ \Phi_{23}^{4}\ \Phi_{21}^{3}\ \Phi_{7}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
82152	1300	1056	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{31}{96}$	$\frac{1}{3}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}^{2}\ \Phi_{264}\ \Phi_{176}^{2}\ \Phi_{132}\ \Phi_{88}^{2}\ \Phi_{66}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{2}$
82153	1300	459	$\frac{2}{51}$	$\frac{2}{27}$	$\frac{49}{153}$	$\frac{1}{3}$	$\Phi_{459}^{3}\ \Phi_{153}^{2}\ \Phi_{51}^{3}\ \Phi_{27}^{4}\ \Phi_{17}^{3}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
82154	1300	693	$\frac{1}{21}$	$\frac{43}{693}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{693}^{2}\ \Phi_{231}^{2}\ \Phi_{99}^{2}\ \Phi_{77}^{2}\ \Phi_{33}^{2}\ \Phi_{21}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
82155	1300	189	$\frac{1}{21}$	$\frac{4}{63}$	$\frac{59}{189}$	$\frac{1}{3}$	$\Phi_{189}^{10}\ \Phi_{27}^{10}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
82156	1300	108	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{108}^{12}\ \Phi_{54}^{12}\ \Phi_{36}^{10}\ \Phi_{27}^{14}\ \Phi_{18}^{10}\ \Phi_{12}^{12}\ \Phi_{9}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
82157	1300	93	$\frac{1}{31}$	$\frac{3}{31}$	$\frac{28}{93}$	$\frac{1}{3}$	$\Phi_{93}^{11}\ \Phi_{31}^{20}\ \Phi_{3}^{10}\ \Phi_{1}^{20}$
82158	1300	399	$\frac{3}{133}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{399}^{5}\ \Phi_{57}^{5}\ \Phi_{21}^{3}\ \Phi_{3}^{2}$
82159	1300	306	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{306}^{6}\ \Phi_{153}^{6}\ \Phi_{51}^{2}\ \Phi_{18}^{4}\ \Phi_{17}^{2}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
82160	1300	594	$\frac{1}{66}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{594}^{3}\ \Phi_{297}^{3}\ \Phi_{66}^{2}\ \Phi_{54}^{3}\ \Phi_{33}^{2}\ \Phi_{27}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
82161	1300	816	$\frac{1}{51}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{816}^{2}\ \Phi_{408}^{2}\ \Phi_{272}^{2}\ \Phi_{136}^{2}\ \Phi_{51}^{2}\ \Phi_{48}\ \Phi_{24}\ \Phi_{17}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
82162	1300	756	$\frac{1}{27}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{756}^{2}\ \Phi_{378}^{2}\ \Phi_{252}^{2}\ \Phi_{189}^{2}\ \Phi_{126}^{2}\ \Phi_{84}\ \Phi_{63}^{2}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{27}^{2}\ \Phi_{21}\ \Phi_{14}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
82163	1300	2244	$\frac{3}{68}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{561}\ \Phi_{33}$
82164	1300	258	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{21}{86}$	$\frac{1}{3}$	$\Phi_{258}^{4}\ \Phi_{129}^{5}\ \Phi_{86}^{6}\ \Phi_{43}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
82165	1300	165	$\frac{1}{33}$	$\frac{2}{15}$	$\frac{8}{33}$	$\frac{1}{3}$	$\Phi_{165}^{9}\ \Phi_{55}^{9}\ \Phi_{33}^{3}\ \Phi_{15}^{10}\ \Phi_{11}^{3}\ \Phi_{5}^{10}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
82166	1300	372	$\frac{1}{31}$	$\frac{47}{372}$	$\frac{15}{62}$	$\frac{1}{3}$	$\Phi_{372}^{4}\ \Phi_{186}^{2}\ \Phi_{124}^{4}\ \Phi_{93}^{3}\ \Phi_{62}^{4}\ \Phi_{31}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
82167	1300	459	$\frac{1}{17}$	$\frac{2}{27}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{459}^{3}\ \Phi_{153}^{3}\ \Phi_{27}^{4}\ \Phi_{17}^{3}\ \Phi_{9}^{4}\ \Phi_{1}^{4}$
82168	1300	84	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{84}^{20}\ \Phi_{42}^{20}\ \Phi_{28}^{20}\ \Phi_{21}^{2}\ \Phi_{14}^{20}\ \Phi_{12}^{20}\ \Phi_{7}^{2}\ \Phi_{6}^{20}\ \Phi_{4}^{20}\ \Phi_{3}\ \Phi_{2}^{20}\ \Phi_{1}^{2}$
82169	1300	504	$\frac{1}{21}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{504}^{3}\ \Phi_{252}^{3}\ \Phi_{168}^{3}\ \Phi_{126}^{3}\ \Phi_{84}^{3}\ \Phi_{72}^{2}\ \Phi_{56}^{3}\ \Phi_{42}^{3}\ \Phi_{36}^{2}\ \Phi_{28}^{3}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
82170	1300	864	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{864}^{2}\ \Phi_{432}^{2}\ \Phi_{288}^{2}\ \Phi_{144}^{2}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}^{2}\ \Phi_{27}^{2}\ \Phi_{16}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
82171	1300	336	$\frac{11}{336}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{112}^{4}\ \Phi_{84}^{4}\ \Phi_{56}^{4}\ \Phi_{48}^{4}\ \Phi_{42}^{2}\ \Phi_{28}^{4}\ \Phi_{24}^{4}\ \Phi_{21}^{3}\ \Phi_{16}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
82172	1300	390	$\frac{1}{26}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{390}^{3}\ \Phi_{195}^{3}\ \Phi_{130}^{4}\ \Phi_{78}^{4}\ \Phi_{65}^{4}\ \Phi_{39}^{4}\ \Phi_{30}^{3}\ \Phi_{26}^{4}\ \Phi_{13}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{2}^{4}$
82173	1300	1890	$\frac{1}{14}$	$\frac{2}{27}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}\ \Phi_{90}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
82174	1300	258	$\frac{4}{129}$	$\frac{1}{6}$	$\frac{25}{129}$	$\frac{1}{3}$	$\Phi_{258}^{6}\ \Phi_{129}^{4}\ \Phi_{86}^{6}\ \Phi_{43}^{4}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
82175	1300	93	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{1}{3}$	$\Phi_{93}^{21}\ \Phi_{3}^{20}$
82176	1300	483	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{31}{161}$	$\frac{1}{3}$	$\Phi_{483}^{4}\ \Phi_{69}^{4}\ \Phi_{21}^{5}\ \Phi_{3}^{4}$
82177	1300	495	$\frac{4}{99}$	$\frac{2}{15}$	$\frac{19}{99}$	$\frac{1}{3}$	$\Phi_{495}^{3}\ \Phi_{165}^{3}\ \Phi_{99}\ \Phi_{55}^{3}\ \Phi_{45}^{3}\ \Phi_{33}\ \Phi_{15}^{4}\ \Phi_{11}\ \Phi_{9}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
82178	1300	147	$\frac{1}{21}$	$\frac{17}{147}$	$\frac{4}{21}$	$\frac{1}{3}$	$\Phi_{147}^{10}\ \Phi_{49}^{10}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
82179	1300	528	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{3}{16}$	$\frac{1}{3}$	$\Phi_{528}^{4}\ \Phi_{264}^{4}\ \Phi_{132}^{4}\ \Phi_{66}^{4}\ \Phi_{33}^{5}$
82180	1300	651	$\frac{46}{651}$	$\frac{53}{651}$	$\frac{121}{651}$	$\frac{1}{3}$	$\Phi_{651}^{2}\ \Phi_{217}^{2}\ \Phi_{93}^{2}\ \Phi_{31}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
82181	1300	294	$\frac{1}{14}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{1}{3}$	$\Phi_{294}^{7}\ \Phi_{147}^{6}\ \Phi_{42}^{8}\ \Phi_{21}^{7}\ \Phi_{6}^{8}\ \Phi_{3}^{6}$
82182	1300	651	$\frac{41}{651}$	$\frac{61}{651}$	$\frac{118}{651}$	$\frac{1}{3}$	$\Phi_{651}^{2}\ \Phi_{217}^{2}\ \Phi_{93}^{2}\ \Phi_{31}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
82183	1300	54	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{54}^{24}\ \Phi_{27}^{26}\ \Phi_{18}^{24}\ \Phi_{9}^{26}\ \Phi_{6}^{16}\ \Phi_{3}^{17}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
82184	1300	210	$\frac{1}{21}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{210}^{9}\ \Phi_{105}^{6}\ \Phi_{70}^{9}\ \Phi_{42}^{3}\ \Phi_{35}^{6}\ \Phi_{30}^{6}\ \Phi_{21}^{2}\ \Phi_{15}^{4}\ \Phi_{14}^{3}\ \Phi_{10}^{6}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
82185	1300	258	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{258}^{6}\ \Phi_{129}^{3}\ \Phi_{86}^{6}\ \Phi_{43}^{6}\ \Phi_{6}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
82186	1300	462	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{462}^{3}\ \Phi_{231}^{3}\ \Phi_{154}^{4}\ \Phi_{77}^{4}\ \Phi_{66}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{2}$
82187	1300	378	$\frac{1}{21}$	$\frac{53}{378}$	$\frac{10}{63}$	$\frac{1}{3}$	$\Phi_{378}^{4}\ \Phi_{189}^{4}\ \Phi_{126}^{4}\ \Phi_{54}^{4}\ \Phi_{42}^{4}\ \Phi_{27}^{4}\ \Phi_{21}^{2}\ \Phi_{18}^{4}\ \Phi_{14}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
82188	1300	84	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{84}^{26}\ \Phi_{42}^{20}\ \Phi_{21}^{21}\ \Phi_{12}^{26}\ \Phi_{6}^{20}\ \Phi_{3}^{20}$
82189	1300	135	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{135}^{12}\ \Phi_{45}^{9}\ \Phi_{27}^{4}\ \Phi_{15}^{10}\ \Phi_{9}^{3}\ \Phi_{5}^{10}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
82190	1300	165	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{165}^{9}\ \Phi_{55}^{9}\ \Phi_{15}^{10}\ \Phi_{11}^{9}\ \Phi_{5}^{10}\ \Phi_{1}^{10}$
82191	1300	792	$\frac{1}{11}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}\ \Phi_{198}^{2}\ \Phi_{132}\ \Phi_{99}^{2}\ \Phi_{88}^{2}\ \Phi_{66}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{2}$
82192	1300	1824	$\frac{1}{32}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{31}{96}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}^{2}\ \Phi_{57}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{19}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
82193	1300	480	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{31}{96}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{4}\ \Phi_{120}^{3}\ \Phi_{80}^{4}\ \Phi_{60}^{3}\ \Phi_{40}^{4}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{5}\ \Phi_{5}^{4}$
82194	1300	378	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{59}{189}$	$\Phi_{378}^{6}\ \Phi_{189}^{4}\ \Phi_{54}^{6}\ \Phi_{27}^{4}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
82195	1300	612	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{4}{17}$	$\frac{11}{36}$	$\Phi_{612}^{3}\ \Phi_{306}^{3}\ \Phi_{153}^{3}\ \Phi_{36}^{4}\ \Phi_{18}^{4}\ \Phi_{17}^{3}\ \Phi_{9}^{4}\ \Phi_{1}^{4}$
82196	1300	1260	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{180}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{35}\ \Phi_{10}$
82197	1300	198	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{8}{33}$	$\frac{5}{18}$	$\Phi_{198}^{9}\ \Phi_{99}^{9}\ \Phi_{33}^{3}\ \Phi_{18}^{10}\ \Phi_{11}^{3}\ \Phi_{9}^{10}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
82198	1300	1170	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{1170}^{2}\ \Phi_{585}^{2}\ \Phi_{130}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{10}$
82199	1300	198	$\frac{4}{99}$	$\frac{1}{6}$	$\frac{19}{99}$	$\frac{5}{18}$	$\Phi_{198}^{6}\ \Phi_{99}^{7}\ \Phi_{66}^{6}\ \Phi_{33}^{7}\ \Phi_{22}^{6}\ \Phi_{18}^{7}\ \Phi_{11}^{7}\ \Phi_{9}^{8}\ \Phi_{6}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
82200	1300	126	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{126}^{15}\ \Phi_{63}^{15}\ \Phi_{42}^{3}\ \Phi_{21}^{2}\ \Phi_{18}^{10}\ \Phi_{14}^{3}\ \Phi_{9}^{10}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
82201	1300	54	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{54}^{24}\ \Phi_{27}^{28}\ \Phi_{18}^{19}\ \Phi_{9}^{22}\ \Phi_{6}^{18}\ \Phi_{3}^{21}\ \Phi_{2}^{18}\ \Phi_{1}^{22}$
82202	1300	198	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{198}^{9}\ \Phi_{99}^{9}\ \Phi_{18}^{10}\ \Phi_{11}^{9}\ \Phi_{9}^{10}\ \Phi_{1}^{10}$
82203	1300	174	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{7}{29}$	$\frac{22}{87}$	$\Phi_{174}^{9}\ \Phi_{87}^{5}\ \Phi_{58}^{9}\ \Phi_{29}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
82204	1300	528	$\frac{1}{33}$	$\frac{3}{16}$	$\frac{8}{33}$	$\frac{1}{4}$	$\Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{176}^{3}\ \Phi_{88}^{3}\ \Phi_{48}^{3}\ \Phi_{33}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{4}\ \Phi_{11}^{3}\ \Phi_{8}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
82205	1300	476	$\frac{1}{17}$	$\frac{3}{28}$	$\frac{4}{17}$	$\frac{1}{4}$	$\Phi_{476}^{3}\ \Phi_{238}^{3}\ \Phi_{119}^{3}\ \Phi_{28}^{4}\ \Phi_{17}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{1}^{4}$
82206	1300	1292	$\frac{3}{68}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{1292}\ \Phi_{646}\ \Phi_{323}\ \Phi_{68}^{2}\ \Phi_{34}^{2}\ \Phi_{19}\ \Phi_{17}^{2}\ \Phi_{1}^{2}$
82207	1300	1040	$\frac{1}{26}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1040}^{2}\ \Phi_{520}^{2}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{40}\ \Phi_{10}$
82208	1300	1020	$\frac{3}{68}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{340}\ \Phi_{255}^{2}\ \Phi_{170}\ \Phi_{85}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
82209	1300	140	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^{11}\ \Phi_{70}^{12}\ \Phi_{35}^{12}\ \Phi_{20}^{12}\ \Phi_{10}^{13}\ \Phi_{5}^{12}$
82210	1300	1584	$\frac{4}{99}$	$\frac{3}{16}$	$\frac{19}{99}$	$\frac{1}{4}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
82211	1300	336	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{336}^{5}\ \Phi_{168}^{5}\ \Phi_{112}^{5}\ \Phi_{56}^{5}\ \Phi_{48}^{3}\ \Phi_{42}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{2}\ \Phi_{16}^{4}\ \Phi_{14}^{3}\ \Phi_{8}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
82212	1300	432	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{27}^4\ \Phi_{24}^3\ \Phi_{16}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
82213	1300	176	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{176}^9\ \Phi_{88}^9\ \Phi_{16}^{10}\ \Phi_{11}^9\ \Phi_8^{10}\ \Phi_1^{10}$
82214	1300	544	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{4}{17}$	$\Phi_{544}^3\ \Phi_{272}^3\ \Phi_{32}^4\ \Phi_{17}^3\ \Phi_{16}^4\ \Phi_1^4$
82215	1300	102	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{4}{17}$	$\Phi_{102}^{12}\ \Phi_{51}^{12}\ \Phi_{34}^{12}\ \Phi_{17}^{15}\ \Phi_6^{16}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{20}$
82216	1300	1299	$\frac{83}{1299}$	$\frac{199}{1299}$	$\frac{220}{1299}$	$\frac{304}{1299}$	$\Phi_{1299}\ \Phi_{433}\ \Phi_3\ \Phi_1^2$
82217	1300	522	$\frac{17}{261}$	$\frac{40}{261}$	$\frac{1}{6}$	$\frac{61}{261}$	$\Phi_{522}^3\ \Phi_{261}^2\ \Phi_{174}^3\ \Phi_{87}^2\ \Phi_{58}^3\ \Phi_{29}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
82218	1300	72	$\frac{7}{72}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{2}{9}$	$\Phi_{72}^{20}\ \Phi_{36}^{20}\ \Phi_{24}^{20}\ \Phi_{18}^{11}\ \Phi_{12}^{20}\ \Phi_9^{14}\ \Phi_8^{20}\ \Phi_6^{10}\ \Phi_4^{20}\ \Phi_3^{13}\ \Phi_2^{10}\ \Phi_1^{14}$
82219	1300	1120	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{160}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
82220	1300	304	$\frac{1}{16}$	$\frac{3}{19}$	$\frac{3}{16}$	$\frac{4}{19}$	$\Phi_{304}^4\ \Phi_{152}^4\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{19}^5\ \Phi_{16}^8\ \Phi_8^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{10}$
82221	1300	798	$\frac{1}{14}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}\ \Phi_{133}\ \Phi_{114}\ \Phi_{57}\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{19}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
82222	1300	1368	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{72}^2\ \Phi_{57}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
82223	1300	1299	$\frac{79}{1299}$	$\frac{211}{1299}$	$\frac{244}{1299}$	$\frac{272}{1299}$	$\Phi_{1299}\ \Phi_{433}\ \Phi_3\ \Phi_1^2$
82224	1300	1414	$\frac{1}{14}$	$\frac{16}{101}$	$\frac{17}{101}$	$\frac{21}{101}$	$\Phi_{1414}\ \Phi_{707}\ \Phi_{202}$
82225	1300	433	$\frac{28}{433}$	$\frac{69}{433}$	$\frac{81}{433}$	$\frac{88}{433}$	$\Phi_{433}^3\ \Phi_1^4$
82226	1300	522	$\frac{16}{261}$	$\frac{1}{6}$	$\frac{49}{261}$	$\frac{53}{261}$	$\Phi_{522}^3\ \Phi_{261}^2\ \Phi_{174}^3\ \Phi_{87}^2\ \Phi_{58}^3\ \Phi_{29}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
82227	1300	240	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{5}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{80}^4\ \Phi_{60}^8\ \Phi_{40}^4\ \Phi_{30}^9\ \Phi_{20}^4\ \Phi_{15}^9\ \Phi_{10}^5\ \Phi_5^4$
82228	1300	1630	$\frac{21}{326}$	$\frac{53}{326}$	$\frac{61}{326}$	$\frac{1}{5}$	$\Phi_{1630}\ \Phi_{815}\ \Phi_{10}$
82229	1300	735	$\frac{4}{49}$	$\frac{2}{15}$	$\frac{9}{49}$	$\frac{1}{5}$	$\Phi_{735}^2\ \Phi_{245}\ \Phi_{147}^2\ \Phi_{105}^2\ \Phi_{49}^2\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{15}^4\ \Phi_7^2\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
82230	1300	210	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{210}^8\ \Phi_{105}^8\ \Phi_{70}^9\ \Phi_{35}^9\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^5\ \Phi_5^4$
82231	1300	330	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{330}^5\ \Phi_{165}^3\ \Phi_{110}^5\ \Phi_{66}^6\ \Phi_{55}^4\ \Phi_{33}^4\ \Phi_{22}^6\ \Phi_{11}^4$
82232	1300	360	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^3\ \Phi_{90}^5\ \Phi_{60}^3\ \Phi_{45}^5\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{10}^5\ \Phi_5^4$
82233	1300	420	$\frac{3}{28}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^4\ \Phi_{70}^2\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
82234	1300	126	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{6}$	$\frac{11}{63}$	$\Phi_{126}^{12}\ \Phi_{63}^8\ \Phi_{42}^{12}\ \Phi_{21}^8\ \Phi_{18}^{15}\ \Phi_{14}^{12}\ \Phi_9^{10}\ \Phi_7^8\ \Phi_6^{14}\ \Phi_3^9\ \Phi_2^{14}\ \Phi_1^{10}$
82235	1300	174	$\frac{3}{29}$	$\frac{4}{29}$	$\frac{1}{6}$	$\frac{5}{29}$	$\Phi_{174}^9\ \Phi_{87}^9\ \Phi_{58}^9\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8$
82236	1301	2080	$\frac{1}{260}$	$\frac{261}{1040}$	$\frac{779}{2080}$	$\frac{259}{520}$	$\Phi_{2080}\ \Phi_{520}\ \Phi_{416}\ \Phi_{160}\ \Phi_{104}\ \Phi_{40}\ \Phi_{32}\ \Phi_8\ \Phi_1$
82237	1301	2592	$\frac{5}{1296}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1291}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_8\ \Phi_1$
82238	1301	2580	$\frac{11}{1290}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1279}{2580}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{516}\ \Phi_{172}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
82239	1301	1740	$\frac{4}{435}$	$\frac{1}{5}$	$\frac{439}{1740}$	$\frac{431}{870}$	$\Phi_{1740}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{145}\ \Phi_{116}\ \Phi_{87}\ \Phi_{60}\ \Phi_{29}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
82240	1301	2400	$\frac{1}{100}$	$\frac{101}{1200}$	$\frac{1099}{2400}$	$\frac{99}{200}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{200}\ \Phi_{160}\ \Phi_{96}\ \Phi_{40}\ \Phi_{32}\ \Phi_8\ \Phi_1$
82241	1301	1800	$\frac{1}{100}$	$\frac{101}{600}$	$\frac{499}{1800}$	$\frac{99}{200}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
82242	1301	1600	$\frac{1}{100}$	$\frac{299}{1600}$	$\frac{101}{400}$	$\frac{99}{200}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_8\ \Phi_1$
82243	1301	2560	$\frac{21}{1280}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{1259}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{40}\ \Phi_8\ \Phi_1$
82244	1301	2496	$\frac{1}{52}$	$\frac{53}{1248}$	$\frac{1195}{2496}$	$\frac{51}{104}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{192}\ \Phi_{104}\ \Phi_{64}\ \Phi_8\ \Phi_1$
82245	1301	1872	$\frac{1}{52}$	$\frac{53}{624}$	$\frac{571}{1872}$	$\frac{51}{104}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
82246	1301	1456	$\frac{1}{52}$	$\frac{155}{1456}$	$\frac{53}{208}$	$\frac{51}{104}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{112}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
82247	1301	1664	$\frac{1}{52}$	$\frac{53}{416}$	$\frac{363}{1664}$	$\frac{51}{104}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{128}\ \Phi_{104}\ \Phi_{64}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
82248	1301	1560	$\frac{1}{52}$	$\frac{259}{1560}$	$\frac{53}{312}$	$\frac{51}{104}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
82249	1301	1450	$\frac{4}{145}$	$\frac{149}{1450}$	$\frac{1}{5}$	$\frac{141}{290}$	$\Phi_{1450}\ \Phi_{725}\ \Phi_{145}\ \Phi_{50}\ \Phi_{29}\ \Phi_{25}\ \Phi_1$
82250	1301	2520	$\frac{41}{1260}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{1219}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{72}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
82251	1301	2520	$\frac{41}{1260}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1219}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{72}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
82252	1301	2496	$\frac{1}{26}$	$\frac{53}{1248}$	$\frac{25}{78}$	$\frac{1195}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{192}\ \Phi_{78}\ \Phi_{64}\ \Phi_{39}\ \Phi_6\ \Phi_3\ \Phi_1$
82253	1301	1760	$\frac{19}{440}$	$\frac{1}{20}$	$\frac{459}{1760}$	$\frac{421}{880}$	$\Phi_{1760}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
82254	1301	1920	$\frac{21}{640}$	$\frac{1}{20}$	$\frac{619}{1920}$	$\frac{19}{40}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
82255	1301	1360	$\frac{59}{1360}$	$\frac{1}{20}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{272}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{68}\ \Phi_{40}\ \Phi_{34}\ \Phi_{17}\ \Phi_8\ \Phi_1$
82256	1301	1600	$\frac{1}{20}$	$\frac{21}{320}$	$\frac{299}{1600}$	$\frac{19}{40}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_8\ \Phi_1$
82257	1301	1440	$\frac{1}{20}$	$\frac{139}{1440}$	$\frac{21}{160}$	$\frac{19}{40}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
82258	1301	1768	$\frac{1}{26}$	$\frac{25}{442}$	$\frac{467}{1768}$	$\frac{417}{884}$	$\Phi_{1768}\ \Phi_{442}\ \Phi_{221}\ \Phi_{136}\ \Phi_{104}\ \Phi_{34}\ \Phi_{17}\ \Phi_8\ \Phi_1$
82259	1301	2400	$\frac{1}{50}$	$\frac{101}{1200}$	$\frac{49}{150}$	$\frac{1099}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{150}\ \Phi_{96}\ \Phi_{75}\ \Phi_{32}\ \Phi_{30}\ \Phi_{15}\ \Phi_6\ \Phi_3\ \Phi_1$
82260	1301	2400	$\frac{1}{20}$	$\frac{101}{1200}$	$\frac{19}{120}$	$\frac{1099}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
82261	1301	1350	$\frac{49}{1350}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{270}\ \Phi_{225}\ \Phi_{150}\ \Phi_{135}\ \Phi_{75}\ \Phi_{54}\ \Phi_{50}\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
82262	1301	1800	$\frac{1}{50}$	$\frac{49}{450}$	$\frac{499}{1800}$	$\frac{401}{900}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
82263	1301	2340	$\frac{1}{65}$	$\frac{131}{1170}$	$\frac{64}{195}$	$\frac{1039}{2340}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{156}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
82264	1301	2320	$\frac{4}{145}$	$\frac{141}{1160}$	$\frac{1}{5}$	$\frac{1019}{2320}$	$\Phi_{2320}\ \Phi_{464}\ \Phi_{145}\ \Phi_{80}\ \Phi_{29}\ \Phi_{16}\ \Phi_1$
82265	1301	1820	$\frac{1}{65}$	$\frac{64}{455}$	$\frac{519}{1820}$	$\frac{391}{910}$	$\Phi_{1820}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{140}\ \Phi_{91}\ \Phi_{52}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_4\ \Phi_1$
82266	1301	1440	$\frac{1}{20}$	$\frac{139}{1440}$	$\frac{19}{120}$	$\frac{101}{240}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
82267	1301	2200	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{201}{1100}$	$\frac{899}{2200}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{220}\ \Phi_{200}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
82268	1301	1944	$\frac{5}{648}$	$\frac{1}{4}$	$\frac{643}{1944}$	$\frac{3}{8}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_8\ \Phi_1$
82269	1301	1312	$\frac{11}{1312}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1312}\ \Phi_{656}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}\ \Phi_{41}\ \Phi_{32}\ \Phi_8\ \Phi_1$
82270	1301	1728	$\frac{5}{432}$	$\frac{427}{1728}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_1$
82271	1301	1320	$\frac{19}{1320}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
82272	1301	1512	$\frac{5}{216}$	$\frac{211}{1512}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
82273	1301	1344	$\frac{43}{1344}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
82274	1301	1440	$\frac{5}{144}$	$\frac{139}{1440}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
82275	1301	1368	$\frac{67}{1368}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_8\ \Phi_1$
82276	1301	1320	$\frac{19}{1320}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
82277	1301	1404	$\frac{1}{26}$	$\frac{103}{1404}$	$\frac{25}{78}$	$\frac{53}{156}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{234}\ \Phi_{117}\ \Phi_{108}\ \Phi_{78}\ \Phi_{54}\ \Phi_{39}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
82278	1301	1500	$\frac{1}{50}$	$\frac{199}{1500}$	$\frac{49}{150}$	$\frac{101}{300}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{250}\ \Phi_{150}\ \Phi_{125}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
82279	1301	1560	$\frac{1}{65}$	$\frac{259}{1560}$	$\frac{64}{195}$	$\frac{131}{390}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
82280	1301	1755	$\frac{1}{65}$	$\frac{131}{585}$	$\frac{454}{1755}$	$\frac{64}{195}$	$\Phi_{1755}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}\ \Phi_{39}\ \Phi_{27}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
82281	1301	1935	$\frac{11}{645}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{634}{1935}$	$\Phi_{1935}\ \Phi_{387}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
82282	1301	1800	$\frac{1}{50}$	$\frac{101}{600}$	$\frac{499}{1800}$	$\frac{49}{150}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
82283	1301	1872	$\frac{1}{26}$	$\frac{53}{624}$	$\frac{571}{1872}$	$\frac{25}{78}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{144}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}\ \Phi_{39}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
82284	1301	1560	$\frac{1}{26}$	$\frac{259}{1560}$	$\frac{53}{312}$	$\frac{25}{78}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{40}\ \Phi_{39}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
82285	1301	1440	$\frac{1}{20}$	$\frac{139}{1440}$	$\frac{41}{180}$	$\frac{19}{60}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
82286	1301	1680	$\frac{1}{20}$	$\frac{41}{420}$	$\frac{379}{1680}$	$\frac{19}{60}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{80}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
82287	1301	1890	$\frac{41}{630}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{589}{1890}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
82288	1301	1800	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{101}{600}$	$\frac{499}{1800}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
82289	1301	1740	$\frac{4}{145}$	$\frac{1}{5}$	$\frac{141}{580}$	$\frac{439}{1740}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{348}\ \Phi_{174}\ \Phi_{145}\ \Phi_{87}\ \Phi_{60}\ \Phi_{30}\ \Phi_{29}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
82290	1301	1440	$\frac{4}{45}$	$\frac{139}{1440}$	$\frac{1}{5}$	$\frac{41}{180}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
82291	1301	1575	$\frac{4}{45}$	$\frac{41}{315}$	$\frac{274}{1575}$	$\frac{1}{5}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{225}\ \Phi_{175}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
82292	1302	2160	$\frac{1}{216}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{215}{432}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}^2\ \Phi_{240}\ \Phi_{144}^2\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{5}\ \Phi_{1}^2$
82293	1302	432	$\frac{1}{216}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{215}{432}$	$\Phi_{432}^6\ \Phi_{144}^6\ \Phi_{48}^6\ \Phi_{16}^6\ \Phi_{12}\ \Phi_{6}$
82294	1302	2220	$\frac{1}{185}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{92}{185}$	$\Phi_{2220}\ \Phi_{740}\ \Phi_{444}\ \Phi_{185}\ \Phi_{148}\ \Phi_{60}\ \Phi_{37}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
82295	1302	1665	$\frac{1}{185}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{92}{185}$	$\Phi_{1665}\ \Phi_{333}\ \Phi_{185}\ \Phi_{45}\ \Phi_{37}\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{1}^2$
82296	1302	580	$\frac{1}{145}$	$\frac{1}{4}$	$\frac{73}{290}$	$\frac{72}{145}$	$\Phi_{580}^3\ \Phi_{290}\ \Phi_{145}^2\ \Phi_{116}^3\ \Phi_{58}\ \Phi_{29}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
82297	1302	860	$\frac{2}{215}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{213}{430}$	$\Phi_{860}^2\ \Phi_{215}^2\ \Phi_{172}^2\ \Phi_{43}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
82298	1302	2392	$\frac{1}{92}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{91}{184}$	$\Phi_{2392}\ \Phi_{184}^2\ \Phi_{104}\ \Phi_{13}\ \Phi_{8}^2\ \Phi_{1}^2$
82299	1302	552	$\frac{1}{92}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{91}{184}$	$\Phi_{552}^3\ \Phi_{276}^4\ \Phi_{138}^4\ \Phi_{69}^4\ \Phi_{24}^4\ \Phi_{12}^5\ \Phi_{6}^5\ \Phi_{3}^4$
82300	1302	1044	$\frac{1}{87}$	$\frac{44}{261}$	$\frac{1}{4}$	$\frac{43}{87}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{58}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{6}$
82301	1302	2440	$\frac{1}{61}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{30}{61}$	$\Phi_{2440}\ \Phi_{488}\ \Phi_{61}\ \Phi_{40}^2\ \Phi_{8}^2\ \Phi_{1}^2$
82302	1302	610	$\frac{1}{61}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{30}{61}$	$\Phi_{610}^2\ \Phi_{305}^2\ \Phi_{122}^2\ \Phi_{61}^3\ \Phi_{10}^4\ \Phi_{5}^4\ \Phi_{2}^4\ \Phi_{1}^6$
82303	1302	488	$\frac{1}{61}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{30}{61}$	$\Phi_{488}^3\ \Phi_{244}^2\ \Phi_{122}^2\ \Phi_{61}^3\ \Phi_{8}^6\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
82304	1302	1525	$\frac{1}{61}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{30}{61}$	$\Phi_{1525}\ \Phi_{61}\ \Phi_{25}^2\ \Phi_{1}^2$
82305	1302	1301	$\frac{29}{1301}$	$\frac{95}{1301}$	$\frac{402}{1301}$	$\frac{636}{1301}$	$\Phi_{1301}\ \Phi_{1}^2$
82306	1302	2460	$\frac{1}{41}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{20}{41}$	$\Phi_{2460}\ \Phi_{820}\ \Phi_{492}\ \Phi_{164}\ \Phi_{60}^2\ \Phi_{41}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
82307	1302	1353	$\frac{1}{41}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{1353}\ \Phi_{451}\ \Phi_{41}\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_{1}^2$
82308	1302	1845	$\frac{1}{41}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{20}{41}$	$\Phi_{1845}\ \Phi_{369}\ \Phi_{45}^2\ \Phi_{41}\ \Phi_{9}^2\ \Phi_{1}^2$
82309	1302	1640	$\frac{1}{41}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{20}{41}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{328}\ \Phi_{164}\ \Phi_{41}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{1}^2$
82310	1302	1435	$\frac{1}{41}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{20}{41}$	$\Phi_{1435}\ \Phi_{287}\ \Phi_{41}\ \Phi_{35}^2\ \Phi_{7}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
82311	1302	1476	$\frac{1}{41}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{20}{41}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{492}\ \Phi_{369}\ \Phi_{164}\ \Phi_{41}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_4^2\ \Phi_1^2$
82312	1302	1496	$\frac{5}{187}$	$\frac{1}{8}$	$\frac{32}{187}$	$\frac{91}{187}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{374}\ \Phi_{136}\ \Phi_{88}\ \Phi_{68}\ \Phi_{44}\ \Phi_{34}\ \Phi_{22}$
82313	1302	1301	$\frac{37}{1301}$	$\frac{154}{1301}$	$\frac{223}{1301}$	$\frac{632}{1301}$	$\Phi_{1301}\ \Phi_1^2$
82314	1302	1740	$\frac{13}{435}$	$\frac{32}{435}$	$\frac{1}{4}$	$\frac{211}{435}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{348}\ \Phi_{290}\ \Phi_{174}\ \Phi_{116}\ \Phi_{60}\ \Phi_{58}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
82315	1302	660	$\frac{1}{30}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{660}^4\ \Phi_{220}^4\ \Phi_{132}^4\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{44}^4\ \Phi_{33}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
82316	1302	2460	$\frac{1}{30}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{29}{60}$	$\Phi_{2460}\ \Phi_{820}\ \Phi_{492}\ \Phi_{164}\ \Phi_{60}^2\ \Phi_{41}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
82317	1302	60	$\frac{1}{30}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{60}^{15}\ \Phi_{30}^{29}\ \Phi_{20}^{15}\ \Phi_{15}^{28}\ \Phi_{12}^{15}\ \Phi_{10}^{29}\ \Phi_6^{29}\ \Phi_5^{28}\ \Phi_4^{14}\ \Phi_3^{28}\ \Phi_2^{28}\ \Phi_1^{28}$
82318	1302	2460	$\frac{1}{30}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{29}{60}$	$\Phi_{2460}\ \Phi_{820}\ \Phi_{492}\ \Phi_{164}\ \Phi_{60}^2\ \Phi_{41}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
82319	1302	840	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{29}{60}$	$\Phi_{840}^2\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2$
82320	1302	232	$\frac{1}{29}$	$\frac{15}{232}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{232}^6\ \Phi_{116}^5\ \Phi_{58}^5\ \Phi_{29}^6\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
82321	1302	462	$\frac{1}{22}$	$\frac{1}{21}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{462}^3\ \Phi_{231}^3\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{66}^3\ \Phi_{42}\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{11}^2\ \Phi_7^2\ \Phi_6\ \Phi_3^2\ \Phi_1^2$
82322	1302	480	$\frac{1}{32}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{120}^3\ \Phi_{96}^5\ \Phi_{60}^4\ \Phi_{48}^5\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
82323	1302	176	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{83}{176}$	$\Phi_{176}^{14}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}^{14}$
82324	1302	136	$\frac{1}{17}$	$\frac{3}{34}$	$\frac{1}{8}$	$\frac{8}{17}$	$\Phi_{136}^{11}\ \Phi_{68}^{11}\ \Phi_{34}^5\ \Phi_{17}^6\ \Phi_8^{10}\ \Phi_4^{10}\ \Phi_2^4\ \Phi_1^6$
82325	1302	900	$\frac{8}{225}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
82326	1302	116	$\frac{1}{29}$	$\frac{2}{29}$	$\frac{1}{4}$	$\frac{27}{58}$	$\Phi_{116}^{15}\ \Phi_{58}\ \Phi_{29}^{14}\ \Phi_4^{14}\ \Phi_1^{14}$
82327	1302	598	$\frac{1}{46}$	$\frac{1}{13}$	$\frac{15}{46}$	$\frac{6}{13}$	$\Phi_{598}^2\ \Phi_{299}^2\ \Phi_{46}^4\ \Phi_{26}^2\ \Phi_{23}^4\ \Phi_{13}^3\ \Phi_2^4\ \Phi_1^6$
82328	1302	416	$\frac{1}{32}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{416}^3\ \Phi_{208}^3\ \Phi_{104}^3\ \Phi_{52}^2\ \Phi_{32}^6\ \Phi_{26}^2\ \Phi_{16}^6\ \Phi_{13}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
82329	1302	1495	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{22}{115}$	$\frac{6}{13}$	$\Phi_{1495}\ \Phi_{115}^2\ \Phi_{65}\ \Phi_{13}\ \Phi_5^2\ \Phi_1^2$
82330	1302	264	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{264}^6\ \Phi_{132}^6\ \Phi_{88}^5\ \Phi_{66}^6\ \Phi_{44}^5\ \Phi_{24}^6\ \Phi_{22}^5\ \Phi_{12}^6\ \Phi_8^4\ \Phi_6^6\ \Phi_4^4\ \Phi_2^4$
82331	1302	680	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{1}{8}$	$\frac{77}{170}$	$\Phi_{680}^2\ \Phi_{340}^2\ \Phi_{136}^3\ \Phi_{85}^2\ \Phi_{68}^3\ \Phi_{40}^2\ \Phi_{34}\ \Phi_{20}^2\ \Phi_{17}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
82332	1302	1301	$\frac{23}{1301}$	$\frac{125}{1301}$	$\frac{426}{1301}$	$\frac{588}{1301}$	$\Phi_{1301}\ \Phi_1^2$
82333	1302	2408	$\frac{1}{43}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{2408}\ \Phi_{344}\ \Phi_{172}\ \Phi_{86}$
82334	1302	616	$\frac{1}{22}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{616}^4\ \Phi_{154}\ \Phi_{88}^4\ \Phi_{77}\ \Phi_{56}^2\ \Phi_{14}\ \Phi_8^2$
82335	1302	396	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{396}^4\ \Phi_{198}^3\ \Phi_{132}^4\ \Phi_{99}^3\ \Phi_{66}^3\ \Phi_{44}^4\ \Phi_{36}^2\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
82336	1302	1376	$\frac{1}{32}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{1376}\ \Phi_{688}\ \Phi_{344}\ \Phi_{172}\ \Phi_{86}$
82337	1302	1301	$\frac{34}{1301}$	$\frac{181}{1301}$	$\frac{247}{1301}$	$\frac{560}{1301}$	$\Phi_{1301}\ \Phi_1^2$
82338	1302	1740	$\frac{8}{435}$	$\frac{61}{435}$	$\frac{1}{4}$	$\frac{187}{435}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{348}\ \Phi_{290}\ \Phi_{174}\ \Phi_{116}\ \Phi_{60}\ \Phi_{58}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
82339	1302	770	$\frac{1}{22}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}\ \Phi_{110}^2\ \Phi_{77}\ \Phi_{70}^2\ \Phi_{55}^2\ \Phi_{14}\ \Phi_{10}^2$
82340	1302	594	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{594}^2\ \Phi_{297}^2\ \Phi_{198}^3\ \Phi_{99}^3\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{18}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6\ \Phi_3^2\ \Phi_1^2$
82341	1302	564	$\frac{1}{94}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{564}^4\ \Phi_{282}\ \Phi_{188}^4\ \Phi_{141}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
82342	1302	2220	$\frac{2}{185}$	$\frac{1}{6}$	$\frac{61}{185}$	$\frac{5}{12}$	$\Phi_{2220}\ \Phi_{740}\ \Phi_{444}\ \Phi_{185}\ \Phi_{148}\ \Phi_{60}\ \Phi_{37}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
82343	1302	252	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{252}^4\ \Phi_{126}^7\ \Phi_{84}^4\ \Phi_{63}^6\ \Phi_{42}^7\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{21}^6\ \Phi_{18}^7\ \Phi_{14}^7\ \Phi_{12}^3\ \Phi_9^6\ \Phi_7^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
82344	1302	1140	$\frac{2}{95}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1140}^2\ \Phi_{380}^2\ \Phi_{228}^2\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{60}\ \Phi_{20}\ \Phi_{19}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
82345	1302	444	$\frac{1}{37}$	$\frac{6}{37}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{444}^5\ \Phi_{148}^5\ \Phi_{37}^5\ \Phi_{12}^6\ \Phi_4^6\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
82346	1302	672	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^3\ \Phi_{168}^2\ \Phi_{112}^3\ \Phi_{84}\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{7}^2$
82347	1302	1095	$\frac{2}{219}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1095}\ \Phi_{365}\ \Phi_{219}^2\ \Phi_{73}^2\ \Phi_{5}\ \Phi_{1}^2$
82348	1302	1620	$\frac{1}{108}$	$\frac{1}{5}$	$\frac{107}{324}$	$\frac{2}{5}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{5}\ \Phi_{1}^2$
82349	1302	470	$\frac{1}{94}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{470}^3\ \Phi_{235}^3\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{10}\ \Phi_{5}^2\ \Phi_{1}^2$
82350	1302	220	$\frac{3}{220}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{220}^6\ \Phi_{110}^6\ \Phi_{55}^6\ \Phi_{44}^6\ \Phi_{22}^6\ \Phi_{20}^5\ \Phi_{11}^6\ \Phi_{10}^5\ \Phi_{5}^6\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
82351	1302	1440	$\frac{1}{72}$	$\frac{1}{5}$	$\frac{71}{288}$	$\frac{2}{5}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{288}^2\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{5}\ \Phi_{1}^2$
82352	1302	270	$\frac{1}{54}$	$\frac{53}{270}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{270}^5\ \Phi_{135}^5\ \Phi_{90}^5\ \Phi_{54}^4\ \Phi_{45}^5\ \Phi_{30}^5\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{5}^6\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^6$
82353	1302	1110	$\frac{5}{222}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1110}\ \Phi_{555}\ \Phi_{370}\ \Phi_{222}^2\ \Phi_{185}\ \Phi_{111}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{5}\ \Phi_{1}^2$
82354	1302	180	$\frac{1}{36}$	$\frac{5}{36}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^6\ \Phi_{45}^6\ \Phi_{36}^{12}\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{18}^{12}\ \Phi_{15}^6\ \Phi_{12}^{12}\ \Phi_{10}^6\ \Phi_{9}^{12}\ \Phi_{6}^{12}\ \Phi_{5}^7\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
82355	1302	160	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{160}^7\ \Phi_{80}^7\ \Phi_{40}^6\ \Phi_{32}^{14}\ \Phi_{20}^6\ \Phi_{16}^{14}\ \Phi_{10}^6\ \Phi_{8}^{12}\ \Phi_{5}^7\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
82356	1302	225	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{225}^6\ \Phi_{75}^6\ \Phi_{45}^5\ \Phi_{25}^6\ \Phi_{15}^5\ \Phi_{9}^4\ \Phi_{5}^6\ \Phi_{3}^4\ \Phi_{1}^6$
82357	1302	1215	$\frac{1}{27}$	$\frac{26}{243}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}^2\ \Phi_{81}^2\ \Phi_{5}\ \Phi_{1}^2$
82358	1302	240	$\frac{1}{24}$	$\frac{23}{240}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{240}^6\ \Phi_{120}^5\ \Phi_{80}^6\ \Phi_{60}^5\ \Phi_{48}^6\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^4\ \Phi_{20}^5\ \Phi_{16}^6\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{5}^6\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^6$
82359	1302	1140	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}^2\ \Phi_{190}\ \Phi_{114}^2\ \Phi_{95}\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{5}\ \Phi_{1}^2$
82360	1302	1170	$\frac{1}{18}$	$\frac{17}{234}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{234}^2\ \Phi_{195}\ \Phi_{130}\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{5}\ \Phi_{1}^2$
82361	1302	348	$\frac{1}{87}$	$\frac{43}{174}$	$\frac{1}{4}$	$\frac{131}{348}$	$\Phi_{348}^3\ \Phi_{174}^5\ \Phi_{116}^3\ \Phi_{87}^4\ \Phi_{58}^5\ \Phi_{29}^4\ \Phi_{12}^3\ \Phi_{6}^5\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
82362	1302	1968	$\frac{5}{656}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
82363	1302	1301	$\frac{27}{1301}$	$\frac{182}{1301}$	$\frac{373}{1301}$	$\frac{464}{1301}$	$\Phi_{1301}\ \Phi_{1}^2$
82364	1302	2064	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{2064}\ \Phi_{688}\ \Phi_{344}\ \Phi_{172}\ \Phi_{86}$
82365	1302	1376	$\frac{1}{32}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{1376}\ \Phi_{688}\ \Phi_{344}\ \Phi_{172}\ \Phi_{86}$
82366	1302	1301	$\frac{38}{1301}$	$\frac{123}{1301}$	$\frac{421}{1301}$	$\frac{440}{1301}$	$\Phi_{1301}\ \Phi_{1}^2$
82367	1302	1496	$\frac{4}{187}$	$\frac{1}{8}$	$\frac{61}{187}$	$\frac{63}{187}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{374}\ \Phi_{136}\ \Phi_{88}\ \Phi_{68}\ \Phi_{44}\ \Phi_{34}\ \Phi_{22}$
82368	1302	978	$\frac{1}{163}$	$\frac{54}{163}$	$\frac{1}{3}$	$\frac{109}{326}$	$\Phi_{978}^3\ \Phi_{489}\ \Phi_{6}^3$
82369	1302	876	$\frac{2}{219}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{876}^2\ \Phi_{438}^2\ \Phi_{292}^2\ \Phi_{146}^2\ \Phi_{12}\ \Phi_{6}$
82370	1302	846	$\frac{1}{94}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{846}^2\ \Phi_{423}^2\ \Phi_{282}\ \Phi_{141}\ \Phi_{18}^2\ \Phi_{6}$
82371	1302	66	$\frac{1}{22}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{66}^{21}\ \Phi_{33}^{19}\ \Phi_{22}^{20}\ \Phi_{11}^{18}\ \Phi_{6}^{21}\ \Phi_{3}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{20}$
82372	1302	324	$\frac{1}{108}$	$\frac{1}{4}$	$\frac{107}{324}$	$\frac{1}{3}$	$\Phi_{324}^6\ \Phi_{162}^6\ \Phi_{81}^6\ \Phi_{12}\ \Phi_{6}$
82373	1302	1665	$\frac{2}{185}$	$\frac{2}{9}$	$\frac{61}{185}$	$\frac{1}{3}$	$\Phi_{1665}\ \Phi_{333}\ \Phi_{185}\ \Phi_{45}\ \Phi_{37}\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{1}^2$
82374	1302	552	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{15}{46}$	$\frac{1}{3}$	$\Phi_{552}^4\ \Phi_{276}^4\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_{6}^3\ \Phi_{3}^2$
82375	1302	1956	$\frac{19}{652}$	$\frac{63}{652}$	$\frac{211}{652}$	$\frac{1}{3}$	$\Phi_{1956}\ \Phi_{978}\ \Phi_{489}\ \Phi_{12}\ \Phi_{6}$
82376	1302	1353	$\frac{2}{41}$	$\frac{2}{33}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{1353}\ \Phi_{451}\ \Phi_{41}\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_{1}^2$
82377	1302	990	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{18}^2\ \Phi_{6}$
82378	1302	480	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{120}^4\ \Phi_{96}^5\ \Phi_{60}^4\ \Phi_{48}^5\ \Phi_{30}^2\ \Phi_{24}^5\ \Phi_{15}^2\ \Phi_{12}^5\ \Phi_{6}^3\ \Phi_{3}^2$
82379	1302	1956	$\frac{15}{652}$	$\frac{91}{652}$	$\frac{187}{652}$	$\frac{1}{3}$	$\Phi_{1956}\ \Phi_{978}\ \Phi_{489}\ \Phi_{12}\ \Phi_{6}$
82380	1302	660	$\frac{3}{220}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{60}^3\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}\ \Phi_{6}$
82381	1302	288	$\frac{1}{72}$	$\frac{71}{288}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{288}^6\ \Phi_{144}^6\ \Phi_{96}^6\ \Phi_{48}^6\ \Phi_{32}^6\ \Phi_{16}^6\ \Phi_{12}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
82382	1302	252	$\frac{1}{63}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^7\ \Phi_{126}^7\ \Phi_{84}^7\ \Phi_{42}^7\ \Phi_{36}^6\ \Phi_{28}^7\ \Phi_{18}^6\ \Phi_{14}^7\ \Phi_{12}^7\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
82383	1302	540	$\frac{1}{54}$	$\frac{53}{270}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^2\ \Phi_{180}^4\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{60}^4\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
82384	1302	444	$\frac{5}{222}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{444}^4\ \Phi_{222}^2\ \Phi_{148}^4\ \Phi_{111}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{12}\ \Phi_6$
82385	1302	36	$\frac{1}{36}$	$\frac{5}{36}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{36}^{36}\ \Phi_{18}^{36}\ \Phi_{12}^{37}\ \Phi_9^{36}\ \Phi_6^{37}\ \Phi_4^{36}\ \Phi_3^{36}\ \Phi_2^{36}\ \Phi_1^{36}$
82386	1302	96	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{96}^{21}\ \Phi_{48}^{21}\ \Phi_{24}^{18}\ \Phi_{12}^{19}\ \Phi_6^{19}\ \Phi_3^{18}$
82387	1302	900	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
82388	1302	972	$\frac{1}{27}$	$\frac{26}{243}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{12}\ \Phi_6$
82389	1302	240	$\frac{1}{24}$	$\frac{23}{240}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^6\ \Phi_{60}^6\ \Phi_{48}^6\ \Phi_{40}^6\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{16}^6\ \Phi_{15}^6\ \Phi_{12}\ \Phi_{10}^6\ \Phi_6\ \Phi_5^6$
82390	1302	228	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^6\ \Phi_{114}^6\ \Phi_{76}^6\ \Phi_{57}^6\ \Phi_{38}^6\ \Phi_{19}^6\ \Phi_{12}\ \Phi_6$
82391	1302	1836	$\frac{25}{459}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{34}\ \Phi_{12}\ \Phi_6$
82392	1302	468	$\frac{1}{18}$	$\frac{17}{234}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{468}^4\ \Phi_{234}^2\ \Phi_{156}^4\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{52}^4\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{12}\ \Phi_6$
82393	1302	660	$\frac{2}{33}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{132}^2\ \Phi_{110}^3\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{44}^2\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
82394	1302	1320	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
82395	1302	855	$\frac{2}{95}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{855}^2\ \Phi_{171}^2\ \Phi_{95}^2\ \Phi_{45}\ \Phi_{19}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
82396	1302	333	$\frac{1}{37}$	$\frac{6}{37}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{333}^5\ \Phi_{37}^5\ \Phi_9^6\ \Phi_1^6$
82397	1302	2016	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{224}\ \Phi_{126}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
82398	1302	2400	$\frac{1}{32}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
82399	1302	2310	$\frac{1}{22}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{231}\ \Phi_{210}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_6$
82400	1302	2760	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{22}{115}$	$\frac{1}{3}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
82401	1302	1650	$\frac{1}{22}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{275}\ \Phi_{150}\ \Phi_{66}\ \Phi_{50}\ \Phi_{33}\ \Phi_6$
82402	1302	396	$\frac{1}{22}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^4\ \Phi_{99}^4\ \Phi_{66}\ \Phi_{44}^4\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6\ \Phi_4^2$
82403	1302	1353	$\frac{2}{33}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{3}$	$\Phi_{1353}\ \Phi_{451}\ \Phi_{41}\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_1^2$
82404	1302	1848	$\frac{2}{33}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{154}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
82405	1302	2580	$\frac{4}{215}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{211}{645}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{516}\ \Phi_{258}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
82406	1302	1845	$\frac{2}{41}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{13}{41}$	$\Phi_{1845}\ \Phi_{369}\ \Phi_{45}^2\ \Phi_{41}\ \Phi_9^2\ \Phi_1^2$
82407	1302	1640	$\frac{2}{41}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{13}{41}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{328}\ \Phi_{164}\ \Phi_{41}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
82408	1302	1435	$\frac{2}{41}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{13}{41}$	$\Phi_{1435}\ \Phi_{287}\ \Phi_{41}\ \Phi_{35}^2\ \Phi_7^2\ \Phi_1^2$
82409	1302	1476	$\frac{2}{41}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{13}{41}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{492}\ \Phi_{369}\ \Phi_{164}\ \Phi_{41}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_4^2\ \Phi_1^2$
82410	1302	180	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{180}^{14}\ \Phi_{90}^{14}\ \Phi_{60}\ \Phi_{36}^{14}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
82411	1302	1845	$\frac{1}{15}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{14}{45}$	$\Phi_{1845}\ \Phi_{369}\ \Phi_{45}^2\ \Phi_{41}\ \Phi_9^2\ \Phi_1^2$
82412	1302	2520	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{14}{45}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{252}\ \Phi_{126}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
82413	1302	1782	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{198}\ \Phi_{162}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{18}\ \Phi_6$
82414	1302	88	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{8}$	$\frac{13}{44}$	$\Phi_{88}^{17}\ \Phi_{44}^{13}\ \Phi_{22}^{13}\ \Phi_{11}^{12}\ \Phi_8^{16}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
82415	1302	136	$\frac{3}{34}$	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{5}{17}$	$\Phi_{136}^{11}\ \Phi_{68}^{11}\ \Phi_{34}^5\ \Phi_{17}^6\ \Phi_8^{10}\ \Phi_4^{10}\ \Phi_2^4\ \Phi_1^6$
82416	1302	348	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{1}{4}$	$\frac{25}{87}$	$\Phi_{348}^7\ \Phi_{174}^7\ \Phi_{116}\ \Phi_{58}\ \Phi_{12}^7\ \Phi_6^7$
82417	1302	680	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{16}{85}$	$\frac{23}{85}$	$\Phi_{680}^2\ \Phi_{340}^2\ \Phi_{170}^2\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{40}^2\ \Phi_{34}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
82418	1302	462	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}\ \Phi_{77}\ \Phi_{66}^4\ \Phi_{42}^2\ \Phi_{33}^4\ \Phi_{21}^2\ \Phi_{14}\ \Phi_6^2\ \Phi_3^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
82419	1302	240	$\frac{1}{15}$	$\frac{23}{240}$	$\frac{7}{30}$	$\frac{1}{4}$	$\Phi_{240}^{6}\ \Phi_{120}^{6}\ \Phi_{80}^{6}\ \Phi_{60}^{3}\ \Phi_{48}^{6}\ \Phi_{40}^{6}\ \Phi_{30}^{5}\ \Phi_{24}^{6}\ \Phi_{20}^{3}\ \Phi_{16}^{6}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{5}\ \Phi_{8}^{6}\ \Phi_{6}^{5}\ \Phi_{5}^{4}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
82420	1302	120	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{120}^{15}\ \Phi_{60}^{6}\ \Phi_{40}^{12}\ \Phi_{30}^{11}\ \Phi_{24}^{15}\ \Phi_{20}^{5}\ \Phi_{15}^{10}\ \Phi_{12}^{6}\ \Phi_{10}^{9}\ \Phi_{8}^{12}\ \Phi_{6}^{11}\ \Phi_{5}^{8}\ \Phi_{4}^{4}\ \Phi_{3}^{10}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
82421	1302	420	$\frac{1}{15}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{140}^{4}\ \Phi_{84}^{5}\ \Phi_{70}^{4}\ \Phi_{60}\ \Phi_{42}^{5}\ \Phi_{30}\ \Phi_{28}^{4}\ \Phi_{20}\ \Phi_{14}^{4}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
82422	1302	300	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{4}$	$\Phi_{300}^{7}\ \Phi_{150}^{7}\ \Phi_{100}^{7}\ \Phi_{60}\ \Phi_{50}^{7}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
82423	1302	180	$\frac{1}{15}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{180}^{9}\ \Phi_{90}^{9}\ \Phi_{60}^{4}\ \Phi_{45}^{9}\ \Phi_{36}^{6}\ \Phi_{30}^{7}\ \Phi_{20}^{4}\ \Phi_{18}^{6}\ \Phi_{15}^{6}\ \Phi_{12}^{3}\ \Phi_{10}^{7}\ \Phi_{9}^{6}\ \Phi_{6}^{5}\ \Phi_{5}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
82424	1302	440	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{17}{110}$	$\frac{5}{22}$	$\Phi_{440}^{4}\ \Phi_{220}^{4}\ \Phi_{110}^{2}\ \Phi_{88}\ \Phi_{55}^{2}\ \Phi_{44}\ \Phi_{40}^{4}\ \Phi_{22}\ \Phi_{20}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$
82425	1302	1640	$\frac{1}{10}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{9}{40}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{328}\ \Phi_{164}\ \Phi_{41}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
82426	1302	280	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{9}{40}$	$\Phi_{280}^{5}\ \Phi_{140}^{5}\ \Phi_{70}^{6}\ \Phi_{56}^{6}\ \Phi_{35}^{6}\ \Phi_{28}^{6}\ \Phi_{14}^{7}\ \Phi_{7}^{6}$
82427	1302	1435	$\frac{4}{35}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{5}$	$\Phi_{1435}\ \Phi_{287}\ \Phi_{41}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
82428	1302	280	$\frac{4}{35}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{280}^{5}\ \Phi_{140}^{5}\ \Phi_{70}^{5}\ \Phi_{56}^{6}\ \Phi_{40}^{6}\ \Phi_{28}^{6}\ \Phi_{20}^{6}\ \Phi_{14}^{6}\ \Phi_{10}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
82429	1302	1476	$\frac{5}{41}$	$\frac{5}{36}$	$\frac{6}{41}$	$\frac{1}{6}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{492}\ \Phi_{369}\ \Phi_{164}\ \Phi_{41}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
82430	1302	504	$\frac{1}{8}$	$\frac{5}{36}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{504}^{4}\ \Phi_{252}^{3}\ \Phi_{168}^{2}\ \Phi_{126}^{3}\ \Phi_{84}\ \Phi_{63}^{3}\ \Phi_{56}^{3}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
82431	1303	1740	$\frac{2}{435}$	$\frac{437}{1740}$	$\frac{1}{3}$	$\frac{433}{870}$	$\Phi_{1740}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{145}\ \Phi_{116}\ \Phi_{87}\ \Phi_{60}\ \Phi_{29}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
82432	1303	2232	$\frac{1}{186}$	$\frac{187}{1116}$	$\frac{929}{2232}$	$\frac{185}{372}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{372}\ \Phi_{248}\ \Phi_{124}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
82433	1303	2592	$\frac{7}{1296}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1289}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
82434	1303	2592	$\frac{7}{1296}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1289}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{9}\ \Phi_{1}$
82435	1303	1566	$\frac{2}{261}$	$\frac{263}{1566}$	$\frac{1}{3}$	$\frac{259}{522}$	$\Phi_{1566}\ \Phi_{783}\ \Phi_{261}\ \Phi_{87}\ \Phi_{54}\ \Phi_{29}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
82436	1303	2580	$\frac{13}{1290}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1277}{2580}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{516}\ \Phi_{172}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
82437	1303	2576	$\frac{15}{1288}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{1273}{2576}$	$\Phi_{2576}\ \Phi_{368}\ \Phi_{112}\ \Phi_{28}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
82438	1303	2480	$\frac{1}{62}$	$\frac{63}{1240}$	$\frac{1177}{2480}$	$\frac{61}{124}$	$\Phi_{2480}\ \Phi_{496}\ \Phi_{124}\ \Phi_{80}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
82439	1303	1860	$\frac{1}{62}$	$\frac{63}{620}$	$\frac{557}{1860}$	$\frac{61}{124}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{465}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
82440	1303	1488	$\frac{1}{62}$	$\frac{185}{1488}$	$\frac{63}{248}$	$\frac{61}{124}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
82441	1303	1392	$\frac{2}{87}$	$\frac{89}{1392}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{348}\ \Phi_{232}\ \Phi_{116}\ \Phi_{87}\ \Phi_{48}\ \Phi_{29}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
82442	1303	2520	$\frac{1}{42}$	$\frac{43}{1260}$	$\frac{1217}{2520}$	$\frac{41}{84}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
82443	1303	1680	$\frac{1}{42}$	$\frac{43}{420}$	$\frac{377}{1680}$	$\frac{41}{84}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{84}\ \Phi_{80}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
82444	1303	1512	$\frac{1}{42}$	$\frac{209}{1512}$	$\frac{43}{252}$	$\frac{41}{84}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{54}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
82445	1303	2520	$\frac{43}{1260}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{1217}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{72}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
82446	1303	2520	$\frac{43}{1260}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{1217}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{40}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
82447	1303	1350	$\frac{47}{1350}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{270}\ \Phi_{225}\ \Phi_{150}\ \Phi_{135}\ \Phi_{75}\ \Phi_{54}\ \Phi_{50}\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
82448	1303	1764	$\frac{20}{441}$	$\frac{1}{21}$	$\frac{461}{1764}$	$\frac{421}{882}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{441}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{84}\ \Phi_{63}\ \Phi_{49}\ \Phi_{36}\ \Phi_{28}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
82449	1303	1428	$\frac{6}{119}$	$\frac{125}{1428}$	$\frac{1}{7}$	$\frac{113}{238}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{204}\ \Phi_{119}\ \Phi_{102}\ \Phi_{84}\ \Phi_{68}\ \Phi_{51}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{17}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
82450	1303	2464	$\frac{71}{1232}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1161}{2464}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{224}\ \Phi_{77}\ \Phi_{32}\ \Phi_{11}\ \Phi_{1}$
82451	1303	2436	$\frac{2}{87}$	$\frac{85}{1218}$	$\frac{1}{3}$	$\frac{1133}{2436}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{348}\ \Phi_{116}\ \Phi_{87}\ \Phi_{84}\ \Phi_{29}\ \Phi_{28}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
82452	1303	1932	$\frac{15}{644}$	$\frac{1}{14}$	$\frac{629}{1932}$	$\frac{13}{28}$	Φ_{1932} Φ_{966} Φ_{483} Φ_{276} Φ_{138} Φ_{84} Φ_{69} Φ_{42} Φ_{28} Φ_{21} Φ_{12} Φ_6 Φ_4 Φ_3 Φ_1
82453	1303	1344	$\frac{41}{1344}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	Φ_{1344} Φ_{672} Φ_{448} Φ_{336} Φ_{224} Φ_{192} Φ_{168} Φ_{112} Φ_{96} Φ_{84} Φ_{64} Φ_{48} Φ_{42} Φ_{32} Φ_{28} Φ_{24} Φ_{21} Φ_{16} Φ_{12} Φ_6 Φ_4 Φ_3 Φ_1
82454	1303	1386	$\frac{83}{1386}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{154}$	Φ_{1386} Φ_{693} Φ_{462} Φ_{231} Φ_{198} Φ_{126} Φ_{99} Φ_{77} Φ_{66} Φ_{63} Φ_{42} Φ_{33} Φ_{21} Φ_{18} Φ_{11} Φ_9 Φ_6 Φ_3 Φ_1
82455	1303	2380	$\frac{6}{119}$	$\frac{113}{1190}$	$\frac{1}{7}$	$\frac{1077}{2380}$	Φ_{2380} Φ_{476} Φ_{340} Φ_{140} Φ_{119} Φ_{68} Φ_{28} Φ_{20} Φ_{17} Φ_4 Φ_1
82456	1303	1512	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{209}{1512}$	$\frac{169}{378}$	Φ_{1512} Φ_{756} Φ_{504} Φ_{252} Φ_{216} Φ_{189} Φ_{168} Φ_{108} Φ_{84} Φ_{72} Φ_{63} Φ_{56} Φ_{36} Φ_{28} Φ_{27} Φ_{24} Φ_{12} Φ_9 Φ_8 Φ_4 Φ_1
82457	1303	2352	$\frac{1}{42}$	$\frac{127}{1176}$	$\frac{41}{168}$	$\frac{1049}{2352}$	Φ_{2352} Φ_{784} Φ_{336} Φ_{168} Φ_{112} Φ_{84} Φ_{56} Φ_{48} Φ_{28} Φ_{24} Φ_{16} Φ_{12} Φ_8 Φ_4 Φ_1
82458	1303	2352	$\frac{1}{21}$	$\frac{127}{1176}$	$\frac{20}{147}$	$\frac{1049}{2352}$	Φ_{2352} Φ_{784} Φ_{336} Φ_{147} Φ_{112} Φ_{49} Φ_{48} Φ_{16} Φ_1
82459	1303	1320	$\frac{17}{1320}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	Φ_{1320} Φ_{660} Φ_{440} Φ_{330} Φ_{264} Φ_{220} Φ_{165} Φ_{132} Φ_{120} Φ_{110} Φ_{88} Φ_{66} Φ_{60} Φ_{55} Φ_{44} Φ_{40} Φ_{33} Φ_{24} Φ_{22} Φ_{20} Φ_{15} Φ_{12} Φ_{11} Φ_8 Φ_5 Φ_4 Φ_1
82460	1303	1470	$\frac{1}{21}$	$\frac{167}{1470}$	$\frac{20}{147}$	$\frac{127}{294}$	Φ_{1470} Φ_{735} Φ_{490} Φ_{245} Φ_{210} Φ_{147} Φ_{105} Φ_{70} Φ_{49} Φ_{35} Φ_{30} Φ_{15} Φ_{10} Φ_5 Φ_1
82461	1303	2268	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{169}{1134}$	$\frac{965}{2268}$	Φ_{2268} Φ_{756} Φ_{324} Φ_{252} Φ_{189} Φ_{108} Φ_{84} Φ_{63} Φ_{36} Φ_{28} Φ_{27} Φ_{12} Φ_9 Φ_4 Φ_1
82462	1303	1944	$\frac{7}{648}$	$\frac{1}{6}$	$\frac{641}{1944}$	$\frac{5}{12}$	Φ_{1944} Φ_{972} Φ_{486} Φ_{243} Φ_{12} Φ_4 Φ_1
82463	1303	1320	$\frac{17}{1320}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	Φ_{1320} Φ_{660} Φ_{440} Φ_{330} Φ_{264} Φ_{220} Φ_{165} Φ_{132} Φ_{120} Φ_{110} Φ_{88} Φ_{66} Φ_{60} Φ_{55} Φ_{44} Φ_{40} Φ_{33} Φ_{30} Φ_{22} Φ_{20} Φ_{15} Φ_{12} Φ_{11} Φ_{10} Φ_5 Φ_4 Φ_1
82464	1303	1728	$\frac{7}{432}$	$\frac{1}{6}$	$\frac{425}{1728}$	$\frac{5}{12}$	Φ_{1728} Φ_{864} Φ_{576} Φ_{288} Φ_{192} Φ_{96} Φ_{64} Φ_{32} Φ_{12} Φ_4 Φ_1
82465	1303	1620	$\frac{7}{324}$	$\frac{1}{6}$	$\frac{317}{1620}$	$\frac{5}{12}$	Φ_{1620} Φ_{810} Φ_{540} Φ_{405} Φ_{270} Φ_{180} Φ_{135} Φ_{90} Φ_{60} Φ_{45} Φ_{30} Φ_{20} Φ_{15} Φ_{12} Φ_{10} Φ_5 Φ_4 Φ_1
82466	1303	1332	$\frac{29}{1332}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	Φ_{1332} Φ_{666} Φ_{444} Φ_{333} Φ_{222} Φ_{148} Φ_{111} Φ_{74} Φ_{37} Φ_{12} Φ_4 Φ_1
82467	1303	1344	$\frac{41}{1344}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	Φ_{1344} Φ_{672} Φ_{448} Φ_{336} Φ_{224} Φ_{192} Φ_{168} Φ_{112} Φ_{96} Φ_{84} Φ_{64} Φ_{56} Φ_{42} Φ_{32} Φ_{28} Φ_{21} Φ_{14} Φ_{12} Φ_7 Φ_4 Φ_1
82468	1303	1512	$\frac{7}{216}$	$\frac{209}{1512}$	$\frac{1}{6}$	$\frac{5}{12}$	Φ_{1512} Φ_{756} Φ_{504} Φ_{378} Φ_{252} Φ_{189} Φ_{168} Φ_{126} Φ_{84} Φ_{63} Φ_{56} Φ_{42} Φ_{28} Φ_{21} Φ_{14} Φ_{12} Φ_7 Φ_4 Φ_1
82469	1303	1368	$\frac{65}{1368}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	Φ_{1368} Φ_{684} Φ_{456} Φ_{342} Φ_{228} Φ_{171} Φ_{152} Φ_{114} Φ_{76} Φ_{57} Φ_{38} Φ_{19} Φ_{12} Φ_4 Φ_1
82470	1303	1440	$\frac{7}{144}$	$\frac{137}{1440}$	$\frac{1}{6}$	$\frac{5}{12}$	Φ_{1440} Φ_{720} Φ_{480} Φ_{360} Φ_{288} Φ_{240} Φ_{180} Φ_{160} Φ_{120} Φ_{96} Φ_{90} Φ_{80} Φ_{60} Φ_{45} Φ_{40} Φ_{32} Φ_{30} Φ_{20} Φ_{15} Φ_{12} Φ_{10} Φ_5 Φ_4 Φ_1
82471	1303	1404	$\frac{7}{108}$	$\frac{101}{1404}$	$\frac{1}{6}$	$\frac{5}{12}$	Φ_{1404} Φ_{702} Φ_{468} Φ_{351} Φ_{234} Φ_{156} Φ_{117} Φ_{78} Φ_{52} Φ_{39} Φ_{26} Φ_{13} Φ_{12} Φ_4 Φ_1
82472	1303	2232	$\frac{1}{93}$	$\frac{187}{1116}$	$\frac{92}{279}$	$\frac{929}{2232}$	Φ_{2232} Φ_{744} Φ_{279} Φ_{248} Φ_{72} Φ_{24} Φ_9 Φ_8 Φ_1
82473	1303	1860	$\frac{1}{93}$	$\frac{92}{465}$	$\frac{557}{1860}$	$\frac{373}{930}$	Φ_{1860} Φ_{620} Φ_{465} Φ_{372} Φ_{155} Φ_{124} Φ_{60} Φ_{20} Φ_{15} Φ_{12} Φ_5 Φ_4 Φ_1
82474	1303	1314	$\frac{11}{1314}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	Φ_{1314} Φ_{657} Φ_{438} Φ_{219} Φ_{146} Φ_{73} Φ_9 Φ_1
82475	1303	2088	$\frac{2}{261}$	$\frac{259}{1044}$	$\frac{1}{3}$	$\frac{785}{2088}$	Φ_{2088} Φ_{696} Φ_{261} Φ_{232} Φ_{87} Φ_{72} Φ_{29} Φ_{24} Φ_9 Φ_8 Φ_1
82476	1303	2016	$\frac{1}{42}$	$\frac{41}{336}$	$\frac{295}{1008}$	$\frac{713}{2016}$	Φ_{2016} Φ_{672} Φ_{336} Φ_{288} Φ_{224} Φ_{168} Φ_{112} Φ_{96} Φ_{84} Φ_{56} Φ_{48} Φ_{32} Φ_{28} Φ_{24} Φ_{16} Φ_{12} Φ_8 Φ_4 Φ_1
82477	1303	1386	$\frac{1}{21}$	$\frac{83}{1386}$	$\frac{20}{63}$	$\frac{43}{126}$	Φ_{1386} Φ_{693} Φ_{462} Φ_{231} Φ_{198} Φ_{154} Φ_{99} Φ_{77} Φ_{66} Φ_{63} Φ_{33} Φ_{22} Φ_{11} Φ_9 Φ_1
82478	1303	1674	$\frac{1}{93}$	$\frac{371}{1674}$	$\frac{92}{279}$	$\frac{187}{558}$	Φ_{1674} Φ_{837} Φ_{279} Φ_{54} Φ_{27} Φ_9 Φ_1
82479	1303	1944	$\frac{7}{648}$	$\frac{2}{9}$	$\frac{641}{1944}$	$\frac{1}{3}$	Φ_{1944} Φ_{972} Φ_{486} Φ_{243} Φ_9 Φ_1
82480	1303	1935	$\frac{13}{645}$	$\frac{2}{15}$	$\frac{632}{1935}$	$\frac{1}{3}$	Φ_{1935} Φ_{387} Φ_{45} Φ_{15} Φ_9 Φ_5 Φ_1
82481	1303	1890	$\frac{2}{45}$	$\frac{43}{630}$	$\frac{587}{1890}$	$\frac{1}{3}$	Φ_{1890} Φ_{945} Φ_{378} Φ_{270} Φ_{189} Φ_{135} Φ_{54} Φ_{45} Φ_{27} Φ_{15} Φ_9 Φ_5 Φ_1

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
82482	1303	1827	$\frac{2}{87}$	$\frac{85}{609}$	$\frac{524}{1827}$	$\frac{1}{3}$	$\Phi_{1827}\ \Phi_{261}\ \Phi_{87}\ \Phi_{63}\ \Phi_{29}\ \Phi_{9}\ \Phi_{1}$
82483	1303	1323	$\frac{20}{1323}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{189}\ \Phi_{147}\ \Phi_{63}\ \Phi_{49}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
82484	1303	1728	$\frac{7}{432}$	$\frac{2}{9}$	$\frac{425}{1728}$	$\frac{1}{3}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{9}\ \Phi_{1}$
82485	1303	1440	$\frac{2}{45}$	$\frac{137}{1440}$	$\frac{43}{180}$	$\frac{1}{3}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
82486	1303	1620	$\frac{7}{324}$	$\frac{317}{1620}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
82487	1303	1332	$\frac{29}{1332}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1332}\ \Phi_{666}\ \Phi_{444}\ \Phi_{333}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{9}\ \Phi_{1}$
82488	1303	1512	$\frac{7}{216}$	$\frac{209}{1512}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
82489	1303	1350	$\frac{47}{1350}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{270}\ \Phi_{225}\ \Phi_{150}\ \Phi_{135}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
82490	1303	1458	$\frac{7}{162}$	$\frac{155}{1458}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1458}\ \Phi_{729}\ \Phi_{486}\ \Phi_{243}\ \Phi_{9}\ \Phi_{1}$
82491	1303	1368	$\frac{65}{1368}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{9}\ \Phi_{1}$
82492	1303	1440	$\frac{7}{144}$	$\frac{137}{1440}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
82493	1303	1377	$\frac{74}{1377}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1377}\ \Phi_{459}\ \Phi_{153}\ \Phi_{51}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
82494	1303	1404	$\frac{7}{108}$	$\frac{101}{1404}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
82495	1303	1575	$\frac{2}{45}$	$\frac{43}{315}$	$\frac{272}{1575}$	$\frac{1}{3}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{225}\ \Phi_{175}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
82496	1303	1890	$\frac{1}{21}$	$\frac{43}{630}$	$\frac{587}{1890}$	$\frac{20}{63}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{63}\ \Phi_{54}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
82497	1303	1575	$\frac{1}{21}$	$\frac{43}{315}$	$\frac{272}{1575}$	$\frac{20}{63}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{225}\ \Phi_{175}\ \Phi_{75}\ \Phi_{63}\ \Phi_{25}\ \Phi_{9}\ \Phi_{1}$
82498	1303	1512	$\frac{1}{21}$	$\frac{209}{1512}$	$\frac{43}{252}$	$\frac{20}{63}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
82499	1303	1701	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{398}{1701}$	$\frac{169}{567}$	$\Phi_{1701}\ \Phi_{243}\ \Phi_{189}\ \Phi_{63}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
82500	1303	1848	$\frac{6}{77}$	$\frac{71}{616}$	$\frac{1}{7}$	$\frac{545}{1848}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
82501	1303	1785	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{113}{595}$	$\frac{482}{1785}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
82502	1303	1764	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{127}{588}$	$\frac{461}{1764}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{441}\ \Phi_{252}\ \Phi_{147}\ \Phi_{126}\ \Phi_{63}\ \Phi_{49}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
82503	1303	1540	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{237}{1540}$	$\frac{71}{308}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{220}\ \Phi_{140}\ \Phi_{110}\ \Phi_{77}\ \Phi_{70}\ \Phi_{55}\ \Phi_{35}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
82504	1304	975	$\frac{1}{325}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{162}{325}$	$\Phi_{975}\ \Phi_{325}^2\ \Phi_{195}\ \Phi_{75}\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
82505	1304	1303	$\frac{5}{1303}$	$\frac{327}{1303}$	$\frac{488}{1303}$	$\frac{649}{1303}$	$\Phi_{1303}\ \Phi_{1}^2$
82506	1304	1959	$\frac{3}{653}$	$\frac{164}{653}$	$\frac{1}{3}$	$\frac{325}{653}$	Φ_{1959}
82507	1304	2268	$\frac{1}{162}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{161}{324}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{324}^2\ \Phi_{252}\ \Phi_{108}^2\ \Phi_{84}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{12}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
82508	1304	1620	$\frac{1}{162}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{161}{324}$	$\Phi_{1620}^2\ \Phi_{540}^2\ \Phi_{180}^2\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}$
82509	1304	1090	$\frac{1}{109}$	$\frac{1}{5}$	$\frac{55}{218}$	$\frac{54}{109}$	$\Phi_{1090}^2\ \Phi_{545}\ \Phi_{10}^2$
82510	1304	2880	$\frac{3}{160}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{157}{320}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{192}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
82511	1304	1155	$\frac{2}{165}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}^2\ \Phi_{105}\ \Phi_{77}\ \Phi_{55}^2\ \Phi_{35}\ \Phi_{33}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{1}^2$
82512	1304	1701	$\frac{1}{81}$	$\frac{1}{7}$	$\frac{80}{243}$	$\frac{3}{7}$	$\Phi_{1701}\ \Phi_{243}^2\ \Phi_{7}\ \Phi_{1}^2$
82513	1304	1512	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{53}{216}$	$\frac{3}{7}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}^2\ \Phi_{168}\ \Phi_{108}^2\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{56}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
82514	1304	168	$\frac{5}{168}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{168}^8\ \Phi_{84}^8\ \Phi_{56}^8\ \Phi_{42}^7\ \Phi_{28}^8\ \Phi_{24}^8\ \Phi_{21}^7\ \Phi_{14}^7\ \Phi_{12}^8\ \Phi_{8}^8\ \Phi_{7}^8\ \Phi_{6}^6\ \Phi_{4}^8\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^8$
82515	1304	189	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{189}^7\ \Phi_{63}^7\ \Phi_{27}^6\ \Phi_{21}^7\ \Phi_{9}^6\ \Phi_{7}^8\ \Phi_{3}^6\ \Phi_{1}^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
82516	1304	1197	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{171}^2\ \Phi_{133}\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_7\ \Phi_1^2$
82517	1304	1260	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
82518	1304	504	$\frac{5}{168}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^2\ \Phi_{126}^3\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^3\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
82519	1304	738	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{40}{123}$	$\frac{83}{246}$	$\Phi_{738}^3\ \Phi_{369}\ \Phi_{246}^2\ \Phi_{123}\ \Phi_{82}^2\ \Phi_{18}^3\ \Phi_6^2\ \Phi_2^2$
82520	1304	492	$\frac{1}{164}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{492}^3\ \Phi_{246}^3\ \Phi_{164}^2\ \Phi_{123}^3\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
82521	1304	165	$\frac{2}{165}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}^8\ \Phi_{55}^8\ \Phi_{33}^8\ \Phi_{15}^7\ \Phi_{11}^8\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
82522	1304	195	$\frac{1}{65}$	$\frac{32}{195}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^7\ \Phi_{65}^6\ \Phi_{39}^7\ \Phi_{15}^7\ \Phi_{13}^6\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
82523	1304	507	$\frac{6}{169}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{507}^2\ \Phi_{169}^4\ \Phi_{39}\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
82524	1304	525	$\frac{1}{25}$	$\frac{12}{175}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{175}^4\ \Phi_{105}^2\ \Phi_{75}\ \Phi_{35}^4\ \Phi_{25}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
82525	1304	1215	$\frac{1}{81}$	$\frac{1}{5}$	$\frac{80}{243}$	$\frac{1}{3}$	$\Phi_{1215}^2\ \Phi_{15}$
82526	1304	1080	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{53}{216}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{15}$
82527	1304	1665	$\frac{7}{333}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{185}\ \Phi_{15}$
82528	1304	405	$\frac{2}{81}$	$\frac{79}{405}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{405}^3\ \Phi_{135}^3\ \Phi_{81}^4\ \Phi_{45}^3\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
82529	1304	840	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{20}^2\ \Phi_{15}$
82530	1304	945	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{15}$
82531	1304	855	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{95}^2\ \Phi_{15}$
82532	1304	180	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{180}^8\ \Phi_{90}^6\ \Phi_{60}^8\ \Phi_{45}^6\ \Phi_{36}^8\ \Phi_{30}^6\ \Phi_{20}^8\ \Phi_{18}^8\ \Phi_{15}^7\ \Phi_{12}^8\ \Phi_{10}^6\ \Phi_9^8\ \Phi_6^8\ \Phi_5^6\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
82533	1304	1755	$\frac{25}{351}$	$\frac{2}{27}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{195}\ \Phi_{65}\ \Phi_{15}$
82534	1304	720	$\frac{3}{80}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{77}{240}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
82535	1304	184	$\frac{2}{23}$	$\frac{21}{184}$	$\frac{1}{8}$	$\frac{7}{23}$	$\Phi_{184}^7\ \Phi_{92}^7\ \Phi_{46}^7\ \Phi_{23}^8\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^8$
82536	1304	1584	$\frac{13}{176}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
82537	1304	1800	$\frac{3}{40}$	$\frac{1}{9}$	$\frac{37}{200}$	$\frac{1}{4}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{150}\ \Phi_{75}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
82538	1304	576	$\frac{3}{32}$	$\frac{1}{9}$	$\frac{29}{192}$	$\frac{1}{4}$	$\Phi_{576}^3\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}\ \Phi_{72}^2\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{36}^3\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
82539	1304	180	$\frac{17}{180}$	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{180}^7\ \Phi_{90}^7\ \Phi_{60}^7\ \Phi_{45}^7\ \Phi_{36}^8\ \Phi_{30}^7\ \Phi_{20}^8\ \Phi_{18}^8\ \Phi_{15}^7\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_5^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
82540	1305	520	$\frac{1}{260}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{259}{520}$	$\Phi_{520}\ \Phi_{260}^4\ \Phi_{130}^4\ \Phi_{104}\ \Phi_{65}^4\ \Phi_{52}^4\ \Phi_{40}\ \Phi_{26}^4\ \Phi_{20}^4\ \Phi_{13}^4\ \Phi_{10}^4\ \Phi_8^2\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
82541	1305	1744	$\frac{3}{436}$	$\frac{1}{4}$	$\frac{439}{1744}$	$\frac{433}{872}$	$\Phi_{1744}\ \Phi_{436}\ \Phi_{218}\ \Phi_{109}\ \Phi_{16}\ \Phi_1$
82542	1305	288	$\frac{1}{144}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{143}{288}$	$\Phi_{288}^9\ \Phi_{96}^9\ \Phi_{32}^9\ \Phi_{16}\ \Phi_1$
82543	1305	288	$\frac{1}{144}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{143}{288}$	$\Phi_{288}^9\ \Phi_{96}^9\ \Phi_{32}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
82544	1305	1204	$\frac{1}{86}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{85}{172}$	$\Phi_{602}^2\ \Phi_{301}^2\ \Phi_{172}\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{28}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
82545	1305	1204	$\frac{1}{86}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{85}{172}$	$\Phi_{1204}^2\ \Phi_{172}^3\ \Phi_{28}^2\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
82546	1305	516	$\frac{1}{86}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{85}{172}$	$\Phi_{516}^2\ \Phi_{258}^4\ \Phi_{172}\ \Phi_{129}^4\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{12}^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
82547	1305	512	$\frac{5}{256}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{251}{512}$	$\Phi_{512}^5\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
82548	1305	616	$\frac{1}{44}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{43}{88}$	$\Phi_{308}^4\ \Phi_{154}^4\ \Phi_{88}\ \Phi_{77}^4\ \Phi_{56}\ \Phi_{44}^4\ \Phi_{28}^4\ \Phi_{22}^4\ \Phi_{14}^4\ \Phi_{11}^4\ \Phi_8^2\ \Phi_7^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
82549	1305	1848	$\frac{1}{44}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{43}{88}$	$\Phi_{1848}^2\ \Phi_{264}^2\ \Phi_{168}^2\ \Phi_{88}\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
82550	1305	352	$\frac{1}{44}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{43}{88}$	$\Phi_{352}^4\ \Phi_{176}^4\ \Phi_{88}\ \Phi_{44}^4\ \Phi_{32}^5\ \Phi_{22}^4\ \Phi_{16}^5\ \Phi_{11}^4\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
82551	1305	3080	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{43}{88}$	$\Phi_{3080}\ \Phi_{440}\ \Phi_{280}\ \Phi_{88}\ \Phi_{40}\ \Phi_{35}\ \Phi_8\ \Phi_5\ \Phi_1$
82552	1305	616	$\frac{1}{28}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{27}{56}$	$\Phi_{616}^4\ \Phi_{88}^4\ \Phi_{56}^5\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^5\ \Phi_2^2\ \Phi_1^3$
82553	1305	112	$\frac{1}{28}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{112}^{12}\ \Phi_{56}^9\ \Phi_{28}^{12}\ \Phi_{16}^{15}\ \Phi_{14}^{12}\ \Phi_8^{12}\ \Phi_7^{12}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
82554	1305	616	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{27}{56}$	$\Phi_{616}^4\ \Phi_{88}^4\ \Phi_{56}^5\ \Phi_{11}^4\ \Phi_8^5\ \Phi_1^5$
82555	1305	840	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{27}{56}$	$\Phi_{840}^4\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{120}^4\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
82556	1305	163	$\frac{8}{163}$	$\frac{11}{163}$	$\frac{31}{163}$	$\frac{76}{163}$	$\Phi_{163}^8\ \Phi_1^9$
82557	1305	1204	$\frac{1}{43}$	$\frac{1}{14}$	$\frac{14}{43}$	$\frac{13}{28}$	$\Phi_{1204}^2\ \Phi_{172}^2\ \Phi_{43}^2\ \Phi_{28}^3\ \Phi_4^3\ \Phi_1^3$
82558	1305	420	$\frac{1}{30}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{420}^2\ \Phi_{210}^4\ \Phi_{140}^2\ \Phi_{105}^4\ \Phi_{84}^2\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^5\ \Phi_{28}\ \Phi_{21}^4\ \Phi_{20}^4\ \Phi_{15}^5\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_7^2\ \Phi_6^5\ \Phi_5^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
82559	1305	1242	$\frac{1}{46}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1242}\ \Phi_{621}\ \Phi_{414}\ \Phi_{207}\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}\ \Phi_{27}\ \Phi_{23}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
82560	1305	160	$\frac{1}{16}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{160}$	$\Phi_{160}^{15}\ \Phi_{32}^{15}\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
82561	1305	920	$\frac{1}{46}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{920}^2\ \Phi_{230}^2\ \Phi_{184}^2\ \Phi_{115}^2\ \Phi_{46}\ \Phi_{40}\ \Phi_{23}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
82562	1305	163	$\frac{10}{163}$	$\frac{17}{163}$	$\frac{18}{163}$	$\frac{73}{163}$	$\Phi_{163}^8\ \Phi_1^9$
82563	1305	2352	$\frac{2}{147}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{147}\ \Phi_{112}\ \Phi_{49}\ \Phi_{21}\ \Phi_{16}\ \Phi_7\ \Phi_1$
82564	1305	432	$\frac{1}{72}$	$\frac{1}{8}$	$\frac{71}{216}$	$\frac{7}{16}$	$\Phi_{432}^8\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
82565	1305	592	$\frac{3}{148}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{592}^4\ \Phi_{148}\ \Phi_{74}\ \Phi_{37}\ \Phi_{16}\ \Phi_1$
82566	1305	192	$\frac{1}{48}$	$\frac{1}{8}$	$\frac{47}{192}$	$\frac{7}{16}$	$\Phi_{192}^9\ \Phi_{96}^9\ \Phi_{64}^9\ \Phi_{32}^9\ \Phi_{16}\ \Phi_1$
82567	1305	144	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{7}{36}$	$\frac{7}{16}$	$\Phi_{144}^{16}\ \Phi_{48}^{16}\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{16}^{17}\ \Phi_{12}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
82568	1305	448	$\frac{13}{448}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{64}^3\ \Phi_{56}^3\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{16}\ \Phi_{14}^3\ \Phi_7^3\ \Phi_1$
82569	1305	240	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{240}^{10}\ \Phi_{80}^{10}\ \Phi_{48}^8\ \Phi_{30}^5\ \Phi_{16}^9\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
82570	1305	336	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{23}{168}$	$\frac{7}{16}$	$\Phi_{336}^8\ \Phi_{168}\ \Phi_{112}^8\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
82571	1305	304	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{304}^8\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
82572	1305	2448	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{153}\ \Phi_{51}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
82573	1305	1296	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1296}^2\ \Phi_{432}^2\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
82574	1305	32	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{32}^{45}\ \Phi_{16}^{37}\ \Phi_8^{36}\ \Phi_4^{36}\ \Phi_2^{36}\ \Phi_1^{37}$
82575	1305	624	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{624}^4\ \Phi_{208}^4\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
82576	1305	1232	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{154}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{176}^2\ \Phi_{112}\ \Phi_{88}^2\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}^2\ \Phi_{28}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
82577	1305	1150	$\frac{1}{46}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1150}\ \Phi_{575}\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{46}\ \Phi_{25}\ \Phi_{23}\ \Phi_{10}\ \Phi_5\ \Phi_1$
82578	1305	828	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{207}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}\ \Phi_{36}\ \Phi_{23}\ \Phi_{18}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
82579	1305	1104	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1104}^2\ \Phi_{368}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{48}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_6\ \Phi_3\ \Phi_1$
82580	1305	448	$\frac{13}{448}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{64}^2\ \Phi_{56}^3\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_8^2\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
82581	1305	520	$\frac{1}{130}$	$\frac{1}{4}$	$\frac{43}{130}$	$\frac{3}{8}$	$\Phi_{520}^4\ \Phi_{130}^2\ \Phi_{104}^4\ \Phi_{65}^2\ \Phi_{40}^4\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_8^5\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
82582	1305	88	$\frac{1}{88}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{88}^{15}\ \Phi_{44}^{15}\ \Phi_{22}^{15}\ \Phi_{11}^{15}\ \Phi_8^{12}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
82583	1305	2120	$\frac{4}{265}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2120}\ \Phi_{424}\ \Phi_{265}\ \Phi_{53}\ \Phi_8\ \Phi_1$
82584	1305	2600	$\frac{1}{65}$	$\frac{64}{325}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2600}\ \Phi_{325}\ \Phi_{200}\ \Phi_{25}\ \Phi_8\ \Phi_1$
82585	1305	104	$\frac{1}{52}$	$\frac{17}{104}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{104}^{11}\ \Phi_{52}^{14}\ \Phi_{26}^{14}\ \Phi_{13}^{14}\ \Phi_8^{12}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
82586	1305	520	$\frac{2}{65}$	$\frac{7}{65}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}^4\ \Phi_{104}^4\ \Phi_{65}^4\ \Phi_{40}^4\ \Phi_{13}^4\ \Phi_8^5\ \Phi_5^4\ \Phi_1^5$
82587	1305	120	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^{18}\ \Phi_{40}^{16}\ \Phi_{30}^9\ \Phi_{24}^{18}\ \Phi_{15}^9\ \Phi_{10}^8\ \Phi_8^{17}\ \Phi_6^9\ \Phi_5^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
82588	1305	1144	$\frac{1}{26}$	$\frac{25}{286}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1144}^2\ \Phi_{286}\ \Phi_{143}\ \Phi_{88}^2\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
82589	1305	728	$\frac{4}{91}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{728}^3\ \Phi_{104}^2\ \Phi_{91}^3\ \Phi_{56}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_1^3$
82590	1305	280	$\frac{1}{20}$	$\frac{19}{280}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^5\ \Phi_{140}^5\ \Phi_{70}^5\ \Phi_{56}^5\ \Phi_{40}\ \Phi_{35}^5\ \Phi_{28}^5\ \Phi_{20}^4\ \Phi_{14}^5\ \Phi_{10}^4\ \Phi_8^2\ \Phi_7^5\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
82591	1305	176	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{176}^8\ \Phi_{88}^8\ \Phi_{44}^5\ \Phi_{22}^7\ \Phi_{16}^7\ \Phi_{11}^7\ \Phi_8^7\ \Phi_4^4\ \Phi_2^6\ \Phi_1^7$
82592	1305	163	$\frac{4}{163}$	$\frac{18}{163}$	$\frac{53}{163}$	$\frac{55}{163}$	$\Phi_{163}^8\ \Phi_1^9$
82593	1305	656	$\frac{7}{328}$	$\frac{1}{8}$	$\frac{107}{328}$	$\frac{221}{656}$	$\Phi_{656}^3\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}\ \Phi_{41}\ \Phi_{16}^3\ \Phi_1$
82594	1305	436	$\frac{1}{109}$	$\frac{1}{4}$	$\frac{36}{109}$	$\frac{73}{218}$	$\Phi_{436}^4\ \Phi_{218}\ \Phi_{109}^3\ \Phi_4^3\ \Phi_1^3$
82595	1305	652	$\frac{1}{163}$	$\frac{54}{163}$	$\frac{217}{652}$	$\frac{109}{326}$	$\Phi_{652}^3\ \Phi_{163}^2\ \Phi_4^3\ \Phi_1^3$
82596	1305	588	$\frac{2}{147}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{147}^3\ \Phi_{98}^2\ \Phi_{84}^2\ \Phi_{49}^3\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
82597	1305	828	$\frac{1}{46}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{828}^2\ \Phi_{414}\ \Phi_{276}^2\ \Phi_{207}\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{46}\ \Phi_{36}\ \Phi_{23}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
82598	1305	216	$\frac{1}{72}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{71}{216}$	$\Phi_{216}^9\ \Phi_{108}^9\ \Phi_{54}^9\ \Phi_{27}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
82599	1305	301	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{14}{43}$	$\Phi_{301}^4\ \Phi_{43}^6\ \Phi_7^6\ \Phi_1^9$
82600	1305	516	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{14}{43}$	$\Phi_{516}^4\ \Phi_{258}^2\ \Phi_{172}^2\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_{12}^6\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
82601	1305	163	$\frac{4}{163}$	$\frac{22}{163}$	$\frac{47}{163}$	$\frac{53}{163}$	$\Phi_{163}^8\ \Phi_1^9$
82602	1305	786	$\frac{7}{262}$	$\frac{1}{6}$	$\frac{59}{262}$	$\frac{85}{262}$	$\Phi_{786}^2\ \Phi_{393}^2\ \Phi_{262}\ \Phi_{131}\ \Phi_6\ \Phi_3\ \Phi_1$
82603	1305	652	$\frac{19}{652}$	$\frac{101}{652}$	$\frac{147}{652}$	$\frac{211}{652}$	$\Phi_{652}^2\ \Phi_{326}^2\ \Phi_{163}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
82604	1305	436	$\frac{13}{436}$	$\frac{59}{436}$	$\frac{1}{4}$	$\frac{141}{436}$	$\Phi_{436}^3\ \Phi_{218}^3\ \Phi_{109}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
82605	1305	128	$\frac{5}{128}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{41}{128}$	$\Phi_{128}^{10}\ \Phi_{64}^{10}\ \Phi_{32}^{11}\ \Phi_{16}^{11}\ \Phi_8^{10}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
82606	1305	163	$\frac{7}{163}$	$\frac{18}{163}$	$\frac{37}{163}$	$\frac{52}{163}$	$\Phi_{163}^8\ \Phi_1^9$
82607	1305	462	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{7}{22}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{66}^4\ \Phi_{42}^5\ \Phi_{33}^4\ \Phi_{22}^2\ \Phi_{21}^5\ \Phi_{11}^2\ \Phi_6^5\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
82608	1305	352	$\frac{1}{22}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{7}{22}$	$\Phi_{352}^4\ \Phi_{176}^4\ \Phi_{88}^4\ \Phi_{32}^5\ \Phi_{22}^2\ \Phi_{16}^5\ \Phi_{11}^2\ \Phi_8^5\ \Phi_2^2\ \Phi_1^3$
82609	1305	770	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{7}{22}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{110}^2\ \Phi_{70}^2\ \Phi_{55}^2\ \Phi_{35}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_5^3\ \Phi_2^2\ \Phi_1^3$
82610	1305	336	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{84}^4\ \Phi_{48}^6\ \Phi_{42}^5\ \Phi_{24}^6\ \Phi_{21}^5\ \Phi_{16}^3\ \Phi_{12}^4\ \Phi_8^3\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
82611	1305	462	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{13}{42}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{66}^4\ \Phi_{42}^5\ \Phi_{33}^4\ \Phi_{21}^5\ \Phi_{11}^4\ \Phi_6^5\ \Phi_3^5\ \Phi_1^5$
82612	1305	210	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{13}{42}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^8\ \Phi_{42}^3\ \Phi_{35}^8\ \Phi_{30}^8\ \Phi_{21}^3\ \Phi_{15}^8\ \Phi_{14}^4\ \Phi_{10}^9\ \Phi_7^4\ \Phi_6^4\ \Phi_5^9\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
82613	1305	161	$\frac{2}{23}$	$\frac{16}{161}$	$\frac{1}{7}$	$\frac{7}{23}$	$\Phi_{161}^8\ \Phi_{23}^9\ \Phi_7^7\ \Phi_1^9$
82614	1305	163	$\frac{16}{163}$	$\frac{18}{163}$	$\frac{19}{163}$	$\frac{49}{163}$	$\Phi_{163}^8\ \Phi_1^9$
82615	1305	420	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{420}^4\ \Phi_{210}^2\ \Phi_{140}^4\ \Phi_{105}^2\ \Phi_{84}^4\ \Phi_{70}^2\ \Phi_{60}^6\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^6\ \Phi_{15}^3\ \Phi_{12}^6\ \Phi_{10}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_5^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
82616	1305	690	$\frac{1}{30}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{115}^2\ \Phi_{69}^2\ \Phi_{46}\ \Phi_{30}\ \Phi_{23}\ \Phi_{15}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
82617	1305	80	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{80}^{16}\ \Phi_{40}^{14}\ \Phi_{20}^{14}\ \Phi_{16}^{23}\ \Phi_{10}^{14}\ \Phi_8^{20}\ \Phi_5^{14}\ \Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^{21}$
82618	1305	652	$\frac{17}{652}$	$\frac{127}{652}$	$\frac{159}{652}$	$\frac{175}{652}$	$\Phi_{652}^2\ \Phi_{326}^2\ \Phi_{163}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
82619	1305	436	$\frac{11}{436}$	$\frac{85}{436}$	$\frac{1}{4}$	$\frac{117}{436}$	$\Phi_{436}^3\ \Phi_{218}^3\ \Phi_{109}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
82620	1305	148	$\frac{3}{148}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{148}^9\ \Phi_{74}^9\ \Phi_{37}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
82621	1305	192	$\frac{1}{48}$	$\frac{47}{192}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{192}^9\ \Phi_{96}^9\ \Phi_{64}^9\ \Phi_{32}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
82622	1305	36	$\frac{1}{36}$	$\frac{7}{36}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{36}^{36}\ \Phi_{18}^{36}\ \Phi_{12}^{36}\ \Phi_{9}^{36}\ \Phi_{6}^{36}\ \Phi_{4}^{38}\ \Phi_{3}^{36}\ \Phi_{2}^{38}\ \Phi_{1}^{39}$
82623	1305	448	$\frac{13}{448}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{448}^{3}\ \Phi_{224}^{3}\ \Phi_{112}^{3}\ \Phi_{64}^{3}\ \Phi_{56}^{3}\ \Phi_{32}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
82624	1305	60	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{60}^{20}\ \Phi_{30}^{25}\ \Phi_{20}^{20}\ \Phi_{15}^{25}\ \Phi_{12}^{16}\ \Phi_{10}^{25}\ \Phi_{6}^{20}\ \Phi_{5}^{25}\ \Phi_{4}^{18}\ \Phi_{3}^{20}\ \Phi_{2}^{22}\ \Phi_{1}^{23}$
82625	1305	168	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{168}^{9}\ \Phi_{84}^{9}\ \Phi_{56}^{9}\ \Phi_{42}^{9}\ \Phi_{28}^{9}\ \Phi_{21}^{9}\ \Phi_{14}^{9}\ \Phi_{7}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
82626	1305	152	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{152}^{9}\ \Phi_{76}^{9}\ \Phi_{38}^{9}\ \Phi_{19}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
82627	1305	612	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{204}^{3}\ \Phi_{153}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{3}\ \Phi_{51}^{2}\ \Phi_{34}^{3}\ \Phi_{17}^{4}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
82628	1305	324	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{324}^{4}\ \Phi_{162}^{5}\ \Phi_{108}^{4}\ \Phi_{81}^{5}\ \Phi_{54}^{5}\ \Phi_{27}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
82629	1305	32	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{32}^{45}\ \Phi_{16}^{36}\ \Phi_{8}^{36}\ \Phi_{4}^{38}\ \Phi_{2}^{38}\ \Phi_{1}^{39}$
82630	1305	156	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{156}^{9}\ \Phi_{78}^{9}\ \Phi_{52}^{9}\ \Phi_{39}^{9}\ \Phi_{26}^{9}\ \Phi_{13}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
82631	1305	352	$\frac{3}{44}$	$\frac{3}{32}$	$\frac{41}{176}$	$\frac{1}{4}$	$\Phi_{352}^{4}\ \Phi_{176}^{3}\ \Phi_{88}^{3}\ \Phi_{44}^{4}\ \Phi_{32}^{5}\ \Phi_{22}^{4}\ \Phi_{16}^{4}\ \Phi_{11}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
82632	1305	112	$\frac{1}{16}$	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{112}^{11}\ \Phi_{56}^{11}\ \Phi_{28}^{12}\ \Phi_{16}^{14}\ \Phi_{14}^{12}\ \Phi_{8}^{14}\ \Phi_{7}^{12}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
82633	1305	352	$\frac{1}{11}$	$\frac{3}{32}$	$\frac{2}{11}$	$\frac{1}{4}$	$\Phi_{352}^{4}\ \Phi_{176}^{4}\ \Phi_{88}^{4}\ \Phi_{32}^{5}\ \Phi_{16}^{5}\ \Phi_{11}^{4}\ \Phi_{8}^{5}\ \Phi_{1}^{5}$
82634	1305	560	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{140}^{2}\ \Phi_{80}^{3}\ \Phi_{70}^{2}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
82635	1305	480	$\frac{3}{32}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{2}\ \Phi_{120}^{4}\ \Phi_{96}^{2}\ \Phi_{80}^{2}\ \Phi_{48}^{2}\ \Phi_{40}^{2}\ \Phi_{32}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
82636	1305	1408	$\frac{103}{1408}$	$\frac{1}{8}$	$\frac{25}{128}$	$\frac{7}{32}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
82637	1305	320	$\frac{5}{64}$	$\frac{1}{8}$	$\frac{59}{320}$	$\frac{7}{32}$	$\Phi_{320}^{5}\ \Phi_{160}^{5}\ \Phi_{80}^{5}\ \Phi_{40}^{5}\ \Phi_{32}\ \Phi_{20}^{5}\ \Phi_{16}\ \Phi_{10}^{5}\ \Phi_{5}^{5}\ \Phi_{1}$
82638	1305	32	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{7}{32}$	$\Phi_{32}^{41}\ \Phi_{16}^{41}\ \Phi_{8}^{40}\ \Phi_{4}^{40}\ \Phi_{2}^{40}\ \Phi_{1}^{41}$
82639	1305	512	$\frac{25}{256}$	$\frac{1}{8}$	$\frac{77}{512}$	$\frac{7}{32}$	$\Phi_{512}^{3}\ \Phi_{256}^{2}\ \Phi_{128}^{2}\ \Phi_{64}^{2}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
82640	1305	385	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{2}{11}$	$\Phi_{385}^{4}\ \Phi_{55}^{4}\ \Phi_{35}^{5}\ \Phi_{11}^{4}\ \Phi_{5}^{5}\ \Phi_{1}^{5}$
82641	1305	210	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{35}$	$\Phi_{210}^{7}\ \Phi_{105}^{7}\ \Phi_{70}^{3}\ \Phi_{42}^{8}\ \Phi_{35}^{4}\ \Phi_{30}^{9}\ \Phi_{21}^{8}\ \Phi_{15}^{9}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{9}\ \Phi_{5}^{5}\ \Phi_{3}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
82642	1306	1302	$\frac{2}{651}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{649}{1302}$	$\Phi_{1302}^{2}\ \Phi_{434}^{2}\ \Phi_{186}^{2}\ \Phi_{62}^{2}\ \Phi_{42}^{2}\ \Phi_{14}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
82643	1306	1044	$\frac{1}{261}$	$\frac{131}{522}$	$\frac{391}{1044}$	$\frac{130}{261}$	$\Phi_{1044}^{2}\ \Phi_{348}^{2}\ \Phi_{261}\ \Phi_{116}^{2}\ \Phi_{87}\ \Phi_{36}^{2}\ \Phi_{29}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
82644	1306	2616	$\frac{1}{218}$	$\frac{219}{872}$	$\frac{1}{3}$	$\frac{217}{436}$	$\Phi_{2616}\ \Phi_{654}\ \Phi_{327}\ \Phi_{24}\ \Phi_{6}$
82645	1306	1300	$\frac{3}{650}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{647}{1300}$	$\Phi_{1300}^{2}\ \Phi_{260}^{2}\ \Phi_{100}^{2}\ \Phi_{52}^{2}\ \Phi_{20}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
82646	1306	1160	$\frac{1}{145}$	$\frac{73}{580}$	$\frac{507}{1160}$	$\frac{72}{145}$	$\Phi_{1160}^{2}\ \Phi_{232}^{2}\ \Phi_{145}\ \Phi_{40}^{2}\ \Phi_{29}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
82647	1306	870	$\frac{1}{145}$	$\frac{217}{870}$	$\frac{73}{290}$	$\frac{72}{145}$	$\Phi_{870}^{2}\ \Phi_{435}^{2}\ \Phi_{174}^{2}\ \Phi_{145}\ \Phi_{87}^{2}\ \Phi_{30}^{2}\ \Phi_{29}\ \Phi_{15}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
82648	1306	1296	$\frac{5}{648}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{643}{1296}$	$\Phi_{1296}^{2}\ \Phi_{432}^{2}\ \Phi_{144}^{2}\ \Phi_{48}^{2}\ \Phi_{16}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
82649	1306	1296	$\frac{5}{648}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{643}{1296}$	$\Phi_{1296}^{2}\ \Phi_{432}^{2}\ \Phi_{144}^{2}\ \Phi_{48}^{2}\ \Phi_{16}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
82650	1306	1218	$\frac{1}{87}$	$\frac{44}{609}$	$\frac{565}{1218}$	$\frac{43}{87}$	$\Phi_{1218}^{2}\ \Phi_{406}^{2}\ \Phi_{174}^{2}\ \Phi_{87}\ \Phi_{58}^{2}\ \Phi_{42}^{2}\ \Phi_{29}\ \Phi_{14}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
82651	1306	1290	$\frac{8}{645}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{637}{1290}$	$\Phi_{1290}^{2}\ \Phi_{430}^{2}\ \Phi_{258}^{2}\ \Phi_{86}^{2}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
82652	1306	1260	$\frac{1}{45}$	$\frac{23}{630}$	$\frac{607}{1260}$	$\frac{22}{45}$	$\Phi_{1260}^{2}\ \Phi_{420}^{2}\ \Phi_{252}^{2}\ \Phi_{180}^{2}\ \Phi_{140}^{2}\ \Phi_{84}^{2}\ \Phi_{60}^{2}\ \Phi_{45}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
82653	1306	945	$\frac{1}{45}$	$\frac{23}{315}$	$\frac{292}{945}$	$\frac{22}{45}$	$\Phi_{945}^{2}\ \Phi_{189}^{2}\ \Phi_{135}^{2}\ \Phi_{45}\ \Phi_{27}^{2}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
82654	1306	720	$\frac{1}{45}$	$\frac{67}{720}$	$\frac{23}{90}$	$\frac{22}{45}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{180}^{2}\ \Phi_{144}^{2}\ \Phi_{120}^{2}\ \Phi_{80}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
82655	1306	1276	$\frac{15}{638}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{623}{1276}$	$\Phi_{1276}^{2}\ \Phi_{116}^{2}\ \Phi_{44}^{2}\ \Phi_{29}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
82656	1306	957	$\frac{1}{29}$	$\frac{15}{319}$	$\frac{304}{957}$	$\frac{14}{29}$	$\Phi_{957}^{2}\ \Phi_{87}^{2}\ \Phi_{33}^{2}\ \Phi_{29}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
82657	1306	696	$\frac{1}{29}$	$\frac{43}{696}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{696}^{2}\ \Phi_{348}^{2}\ \Phi_{232}^{2}\ \Phi_{174}^{2}\ \Phi_{116}^{2}\ \Phi_{87}^{2}\ \Phi_{29}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
82658	1306	1260	$\frac{23}{630}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{607}{1260}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
82659	1306	1215	$\frac{1}{45}$	$\frac{91}{1215}$	$\frac{44}{135}$	$\frac{562}{1215}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}^2\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
82660	1306	1200	$\frac{1}{15}$	$\frac{53}{600}$	$\frac{7}{60}$	$\frac{547}{1200}$	$\Phi_{1200}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
82661	1306	900	$\frac{1}{45}$	$\frac{22}{225}$	$\frac{247}{900}$	$\frac{203}{450}$	$\Phi_{900}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
82662	1306	972	$\frac{5}{324}$	$\frac{1}{9}$	$\frac{319}{972}$	$\frac{4}{9}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{243}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
82663	1306	666	$\frac{13}{666}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{666}^2\ \Phi_{333}^2\ \Phi_{222}^2\ \Phi_{111}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
82664	1306	864	$\frac{5}{216}$	$\frac{1}{9}$	$\frac{211}{864}$	$\frac{4}{9}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
82665	1306	810	$\frac{5}{162}$	$\frac{1}{9}$	$\frac{157}{810}$	$\frac{4}{9}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
82666	1306	675	$\frac{22}{675}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}^2\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
82667	1306	684	$\frac{31}{684}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
82668	1306	756	$\frac{5}{108}$	$\frac{1}{9}$	$\frac{103}{756}$	$\frac{4}{9}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
82669	1306	729	$\frac{5}{81}$	$\frac{76}{729}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{729}^2\ \Phi_{243}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
82670	1306	720	$\frac{5}{72}$	$\frac{67}{720}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
82671	1306	702	$\frac{49}{702}$	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
82672	1306	720	$\frac{1}{15}$	$\frac{67}{720}$	$\frac{7}{60}$	$\frac{53}{120}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
82673	1306	1155	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{151}{1155}$	$\frac{502}{1155}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}^2\ \Phi_{105}\ \Phi_{77}\ \Phi_{55}^2\ \Phi_{35}\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{11}^2\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
82674	1306	1125	$\frac{1}{45}$	$\frac{181}{1125}$	$\frac{44}{225}$	$\frac{472}{1125}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{225}^2\ \Phi_{125}\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
82675	1306	810	$\frac{1}{45}$	$\frac{22}{135}$	$\frac{157}{810}$	$\frac{113}{270}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{162}^2\ \Phi_{135}^2\ \Phi_{81}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
82676	1306	660	$\frac{7}{660}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
82677	1306	3270	$\frac{1}{109}$	$\frac{108}{545}$	$\frac{1}{3}$	$\frac{437}{1090}$	$\Phi_{3270}\ \Phi_{654}\ \Phi_{327}\ \Phi_{30}\ \Phi_6$
82678	1306	975	$\frac{3}{325}$	$\frac{1}{5}$	$\frac{322}{975}$	$\frac{2}{5}$	$\Phi_{975}^2\ \Phi_{195}^2\ \Phi_{75}^2\ \Phi_{39}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
82679	1306	660	$\frac{7}{660}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
82680	1306	780	$\frac{3}{130}$	$\frac{127}{780}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
82681	1306	675	$\frac{22}{675}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}^2\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
82682	1306	715	$\frac{3}{65}$	$\frac{62}{715}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{715}^2\ \Phi_{143}^2\ \Phi_{55}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
82683	1306	700	$\frac{3}{50}$	$\frac{47}{700}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
82684	1306	1080	$\frac{1}{45}$	$\frac{22}{135}$	$\frac{113}{540}$	$\frac{427}{1080}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_9\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
82685	1306	1044	$\frac{1}{87}$	$\frac{43}{174}$	$\frac{131}{522}$	$\frac{391}{1044}$	$\Phi_{1044}^2\ \Phi_{348}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{36}^2\ \Phi_{29}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
82686	1306	990	$\frac{7}{165}$	$\frac{1}{15}$	$\frac{158}{495}$	$\frac{337}{990}$	$\Phi_{990}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
82687	1306	981	$\frac{2}{327}$	$\frac{325}{981}$	$\frac{1}{3}$	$\frac{328}{981}$	$\Phi_{981}\ \Phi_{327}^2\ \Phi_{109}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
82688	1306	744	$\frac{2}{93}$	$\frac{91}{744}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{744}^2\ \Phi_{372}^2\ \Phi_{248}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
82689	1306	672	$\frac{19}{672}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{672}^2\,\Phi_{336}^2\,\Phi_{224}^2\,\Phi_{168}^2\,\Phi_{112}^2\,\Phi_{96}^2\,\Phi_{84}^2\,\Phi_{56}^2\,\Phi_{48}^2\,\Phi_{42}^2\,\Phi_{32}^2\,\Phi_{28}^2\,\Phi_{24}^2\,\Phi_{16}^2\,\Phi_{14}^2\,\Phi_{12}^2\,\Phi_8^2\,\Phi_6^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
82690	1306	972	$\frac{5}{324}$	$\frac{1}{6}$	$\frac{319}{972}$	$\frac{1}{3}$	$\Phi_{972}^2\,\Phi_{486}^2\,\Phi_{243}^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
82691	1306	666	$\frac{13}{666}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{666}^2\,\Phi_{333}^2\,\Phi_{222}^2\,\Phi_{111}^2\,\Phi_{74}^2\,\Phi_{37}^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
82692	1306	864	$\frac{5}{216}$	$\frac{1}{6}$	$\frac{211}{864}$	$\frac{1}{3}$	$\Phi_{864}^2\,\Phi_{432}^2\,\Phi_{288}^2\,\Phi_{144}^2\,\Phi_{96}^2\,\Phi_{48}^2\,\Phi_{32}^2\,\Phi_{16}^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
82693	1306	672	$\frac{19}{672}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{672}^2\,\Phi_{336}^2\,\Phi_{224}^2\,\Phi_{168}^2\,\Phi_{112}^2\,\Phi_{96}^2\,\Phi_{84}^2\,\Phi_{56}^2\,\Phi_{48}^2\,\Phi_{42}^2\,\Phi_{32}^2\,\Phi_{28}^2\,\Phi_{21}^2\,\Phi_{16}^2\,\Phi_{14}^2\,\Phi_7^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
82694	1306	810	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{157}{810}$	$\frac{1}{3}$	$\Phi_{810}^2\,\Phi_{405}^2\,\Phi_{270}^2\,\Phi_{135}^2\,\Phi_{90}^2\,\Phi_{45}^2\,\Phi_{30}^2\,\Phi_{15}^2\,\Phi_{10}^2\,\Phi_6^2\,\Phi_5^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
82695	1306	684	$\frac{31}{684}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{684}^2\,\Phi_{342}^2\,\Phi_{228}^2\,\Phi_{171}^2\,\Phi_{114}^2\,\Phi_{76}^2\,\Phi_{57}^2\,\Phi_{38}^2\,\Phi_{19}^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
82696	1306	756	$\frac{5}{108}$	$\frac{103}{756}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{756}^2\,\Phi_{378}^2\,\Phi_{252}^2\,\Phi_{189}^2\,\Phi_{126}^2\,\Phi_{84}^2\,\Phi_{63}^2\,\Phi_{42}^2\,\Phi_{28}^2\,\Phi_{21}^2\,\Phi_{14}^2\,\Phi_7^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
82697	1306	720	$\frac{5}{72}$	$\frac{67}{720}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{720}^2\,\Phi_{360}^2\,\Phi_{240}^2\,\Phi_{180}^2\,\Phi_{144}^2\,\Phi_{120}^2\,\Phi_{90}^2\,\Phi_{80}^2\,\Phi_{60}^2\,\Phi_{48}^2\,\Phi_{45}^2\,\Phi_{40}^2\,\Phi_{30}^2\,\Phi_{20}^2\,\Phi_{16}^2\,\Phi_{15}^2\,\Phi_{10}^2\,\Phi_6^2\,\Phi_5^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
82698	1306	702	$\frac{49}{702}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{702}^2\,\Phi_{351}^2\,\Phi_{234}^2\,\Phi_{117}^2\,\Phi_{78}^2\,\Phi_{39}^2\,\Phi_{26}^2\,\Phi_{13}^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
82699	1306	810	$\frac{1}{45}$	$\frac{157}{810}$	$\frac{91}{405}$	$\frac{44}{135}$	$\Phi_{810}^2\,\Phi_{405}\,\Phi_{270}^2\,\Phi_{162}^2\,\Phi_{135}^2\,\Phi_{90}^2\,\Phi_{81}\,\Phi_{54}^2\,\Phi_{45}\,\Phi_{30}^2\,\Phi_{27}^2\,\Phi_{18}^2\,\Phi_{15}\,\Phi_{10}^2\,\Phi_9\,\Phi_6^2\,\Phi_5\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
82700	1306	900	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{53}{300}$	$\frac{247}{900}$	$\Phi_{900}^2\,\Phi_{450}^2\,\Phi_{225}^2\,\Phi_{180}^2\,\Phi_{90}^2\,\Phi_{60}^2\,\Phi_{45}^2\,\Phi_{36}^2\,\Phi_{30}^2\,\Phi_{20}^2\,\Phi_{18}^2\,\Phi_{15}\,\Phi_{12}^2\,\Phi_{10}^2\,\Phi_9^2\,\Phi_6^2\,\Phi_5\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
82701	1306	720	$\frac{1}{15}$	$\frac{67}{720}$	$\frac{7}{30}$	$\frac{23}{90}$	$\Phi_{720}^2\,\Phi_{360}^2\,\Phi_{240}^2\,\Phi_{180}^2\,\Phi_{144}^2\,\Phi_{120}^2\,\Phi_{80}^2\,\Phi_{72}^2\,\Phi_{60}^2\,\Phi_{48}^2\,\Phi_{40}^2\,\Phi_{36}^2\,\Phi_{30}^2\,\Phi_{24}^2\,\Phi_{20}^2\,\Phi_{16}^2\,\Phi_{15}\,\Phi_{12}^2\,\Phi_{10}^2\,\Phi_8^2\,\Phi_6^2\,\Phi_5\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
82702	1306	840	$\frac{1}{15}$	$\frac{23}{210}$	$\frac{187}{840}$	$\frac{7}{30}$	$\Phi_{840}^2\,\Phi_{420}^2\,\Phi_{280}^2\,\Phi_{168}^2\,\Phi_{140}^2\,\Phi_{120}^2\,\Phi_{84}^2\,\Phi_{60}^2\,\Phi_{56}^2\,\Phi_{40}^2\,\Phi_{30}^2\,\Phi_{28}^2\,\Phi_{24}^2\,\Phi_{20}^2\,\Phi_{15}\,\Phi_{12}^2\,\Phi_{10}^2\,\Phi_8^2\,\Phi_6^2\,\Phi_5\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
82703	1308	1956	$\frac{1}{326}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{325}{652}$	$\Phi_{1956}\,\Phi_{652}^2\,\Phi_{12}\,\Phi_4^2\,\Phi_3\,\Phi_1^2$
82704	1308	1085	$\frac{1}{217}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{108}{217}$	$\Phi_{1085}\,\Phi_{217}^2\,\Phi_{155}\,\Phi_{35}\,\Phi_{31}^2\,\Phi_7^2\,\Phi_5^2\,\Phi_1^4$
82705	1308	2604	$\frac{1}{217}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{108}{217}$	$\Phi_{2604}\,\Phi_{1302}\,\Phi_{372}\,\Phi_{186}\,\Phi_{84}\,\Phi_{42}\,\Phi_{12}^2\,\Phi_6^2$
82706	1308	1307	$\frac{7}{1307}$	$\frac{219}{1307}$	$\frac{544}{1307}$	$\frac{650}{1307}$	$\Phi_{1307}\,\Phi_1^2$
82707	1308	1950	$\frac{2}{325}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{323}{650}$	$\Phi_{1950}^2\,\Phi_{390}^2\,\Phi_{150}^2\,\Phi_{78}^2\,\Phi_{30}^2\,\Phi_{15}\,\Phi_6^2$
82708	1308	1748	$\frac{3}{437}$	$\frac{1}{4}$	$\frac{110}{437}$	$\frac{217}{437}$	$\Phi_{1748}\,\Phi_{874}\,\Phi_{92}\,\Phi_{76}\,\Phi_{46}\,\Phi_{38}$
82709	1308	1307	$\frac{9}{1307}$	$\frac{326}{1307}$	$\frac{329}{1307}$	$\frac{649}{1307}$	$\Phi_{1307}\,\Phi_1^2$
82710	1308	393	$\frac{1}{131}$	$\frac{22}{131}$	$\frac{1}{3}$	$\frac{65}{131}$	$\Phi_{393}^5\,\Phi_3^4$
82711	1308	2376	$\frac{1}{108}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{107}{216}$	$\Phi_{2376}\,\Phi_{792}\,\Phi_{264}\,\Phi_{216}^2\,\Phi_{88}\,\Phi_{72}^2\,\Phi_{24}^2\,\Phi_{11}\,\Phi_8^2\,\Phi_1^2$
82712	1308	1512	$\frac{1}{108}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{107}{216}$	$\Phi_{1512}^2\,\Phi_{504}^2\,\Phi_{168}^2\,\Phi_{56}^2\,\Phi_{21}$
82713	1308	2376	$\frac{1}{108}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{107}{216}$	$\Phi_{2376}\,\Phi_{792}\,\Phi_{264}\,\Phi_{216}^2\,\Phi_{88}\,\Phi_{72}^2\,\Phi_{24}^2\,\Phi_{11}\,\Phi_8^2\,\Phi_1^2$
82714	1308	1080	$\frac{1}{108}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{107}{216}$	$\Phi_{1080}^3\,\Phi_{360}^3\,\Phi_{120}^3\,\Phi_{40}^3\,\Phi_{20}\,\Phi_{10}$
82715	1308	1022	$\frac{1}{73}$	$\frac{1}{7}$	$\frac{37}{146}$	$\frac{36}{73}$	$\Phi_{1022}^2\,\Phi_{511}\,\Phi_{14}^2$
82716	1308	640	$\frac{7}{320}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{313}{640}$	$\Phi_{640}^4\,\Phi_{128}^4\,\Phi_{40}\,\Phi_{20}\,\Phi_{10}$
82717	1308	2730	$\frac{4}{105}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{101}{210}$	$\Phi_{2730}\,\Phi_{910}\,\Phi_{546}\,\Phi_{390}\,\Phi_{182}\,\Phi_{130}\,\Phi_{78}\,\Phi_{65}\,\Phi_{26}$
82718	1308	836	$\frac{9}{209}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{100}{209}$	$\Phi_{836}^2\,\Phi_{418}^2\,\Phi_{76}^3\,\Phi_{44}^2\,\Phi_{38}^3\,\Phi_{22}^2\,\Phi_4^2\,\Phi_2^2$
82719	1308	460	$\frac{1}{23}$	$\frac{6}{115}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{460}^4\,\Phi_{230}^4\,\Phi_{92}^3\,\Phi_{46}^3\,\Phi_{20}^4\,\Phi_{10}^4\,\Phi_4^2\,\Phi_2^2$
82720	1308	1716	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{23}{132}$	$\frac{21}{44}$	$\Phi_{1716}\,\Phi_{858}\,\Phi_{429}\,\Phi_{286}\,\Phi_{156}\,\Phi_{143}\,\Phi_{78}\,\Phi_{39}\,\Phi_{26}$
82721	1308	228	$\frac{5}{114}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{228}^8\,\Phi_{114}^4\,\Phi_{76}^7\,\Phi_{57}^4\,\Phi_{38}^3\,\Phi_{19}^4\,\Phi_{12}^8\,\Phi_6^4\,\Phi_4^6\,\Phi_3^4\,\Phi_2^2\,\Phi_1^4$
82722	1308	828	$\frac{1}{23}$	$\frac{11}{207}$	$\frac{1}{4}$	$\frac{98}{207}$	$\Phi_{828}^2\,\Phi_{414}^2\,\Phi_{276}^2\,\Phi_{138}^2\,\Phi_{92}^3\,\Phi_{46}^3\,\Phi_{36}^2\,\Phi_{18}^2\,\Phi_{12}^2\,\Phi_6^2\,\Phi_4^2\,\Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
82723	1308	2600	$\frac{1}{13}$	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{200}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{26}$
82724	1308	1221	$\frac{2}{111}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1221}\ \Phi_{407}\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_{11}\ \Phi_1^2$
82725	1308	1782	$\frac{1}{54}$	$\frac{1}{11}$	$\frac{53}{162}$	$\frac{5}{11}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{11}\ \Phi_1^2$
82726	1308	1232	$\frac{3}{112}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{176}\ \Phi_{154}\ \Phi_{112}^2\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_7^2\ \Phi_1^2$
82727	1308	1584	$\frac{1}{36}$	$\frac{1}{11}$	$\frac{35}{144}$	$\frac{5}{11}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}^2\ \Phi_{88}\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
82728	1308	1485	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{26}{135}$	$\frac{5}{11}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{165}\ \Phi_{135}^2\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_5^2\ \Phi_1^2$
82729	1308	1254	$\frac{5}{114}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}\ \Phi_{209}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{11}\ \Phi_1^2$
82730	1308	1386	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{17}{126}$	$\frac{5}{11}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{126}^2\ \Phi_{77}\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_1^2$
82731	1308	1287	$\frac{8}{117}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{11}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_{11}\ \Phi_1^2$
82732	1308	1320	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{120}$	$\frac{5}{11}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{120}^2\ \Phi_{110}\ \Phi_{88}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_1^2$
82733	1308	1560	$\frac{1}{13}$	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}$
82734	1308	2574	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{198}$	$\Phi_{2574}\ \Phi_{858}\ \Phi_{286}\ \Phi_{234}\ \Phi_{143}\ \Phi_{78}\ \Phi_{26}$
82735	1308	560	$\frac{3}{112}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{80}^2\ \Phi_{70}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^2$
82736	1308	2870	$\frac{1}{41}$	$\frac{40}{287}$	$\frac{1}{5}$	$\frac{247}{574}$	$\Phi_{2870}\ \Phi_{410}\ \Phi_{205}\ \Phi_{70}\ \Phi_{10}$
82737	1308	330	$\frac{1}{110}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{330}^6\ \Phi_{165}^6\ \Phi_{66}^6\ \Phi_{33}^6\ \Phi_{30}^6\ \Phi_{15}^5\ \Phi_6^6\ \Phi_3^4$
82738	1308	560	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}^4\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{56}^4\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{28}^4\ \Phi_{20}^2\ \Phi_{16}^4\ \Phi_{14}^4\ \Phi_{10}^2\ \Phi_8^4\ \Phi_7^2\ \Phi_5^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
82739	1308	620	$\frac{1}{31}$	$\frac{15}{124}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{620}^2\ \Phi_{310}^2\ \Phi_{155}\ \Phi_{124}^4\ \Phi_{62}^4\ \Phi_{31}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
82740	1308	1430	$\frac{1}{110}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1430}\ \Phi_{715}\ \Phi_{286}\ \Phi_{143}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
82741	1308	2288	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{21}{88}$	$\frac{67}{176}$	$\Phi_{2288}\ \Phi_{286}\ \Phi_{208}\ \Phi_{143}\ \Phi_{26}$
82742	1308	1572	$\frac{1}{131}$	$\frac{65}{262}$	$\frac{1}{3}$	$\frac{197}{524}$	$\Phi_{1572}^2\ \Phi_{393}\ \Phi_{12}^2$
82743	1308	820	$\frac{1}{82}$	$\frac{1}{5}$	$\frac{27}{82}$	$\frac{55}{164}$	$\Phi_{820}^3\ \Phi_{410}\ \Phi_{205}\ \Phi_{20}^3\ \Phi_{10}$
82744	1308	1307	$\frac{8}{1307}$	$\frac{433}{1307}$	$\frac{435}{1307}$	$\frac{437}{1307}$	$\Phi_{1307}\ \Phi_1^2$
82745	1308	1965	$\frac{4}{655}$	$\frac{217}{655}$	$\frac{1}{3}$	$\frac{219}{655}$	$\Phi_{1965}\ \Phi_{393}\ \Phi_{15}$
82746	1308	489	$\frac{1}{163}$	$\frac{54}{163}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{489}^2\ \Phi_{163}^4\ \Phi_3^3\ \Phi_1^6$
82747	1308	660	$\frac{1}{110}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}\ \Phi_{220}^4\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}^4\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
82748	1308	777	$\frac{2}{111}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{777}^2\ \Phi_{259}^2\ \Phi_{21}$
82749	1308	975	$\frac{4}{325}$	$\frac{1}{5}$	$\frac{107}{325}$	$\frac{1}{3}$	$\Phi_{975}^2\ \Phi_{195}^2\ \Phi_{75}^2\ \Phi_{39}^2\ \Phi_{15}^3\ \Phi_3^2$
82750	1308	1134	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{53}{162}$	$\frac{1}{3}$	$\Phi_{1134}^2\ \Phi_{567}^2\ \Phi_{21}$
82751	1308	1221	$\frac{2}{111}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{1221}\ \Phi_{407}\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_{11}\ \Phi_1^2$
82752	1308	2220	$\frac{2}{111}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{740}\ \Phi_{370}\ \Phi_{20}\ \Phi_{10}$
82753	1308	336	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{84}^5\ \Phi_{48}^6\ \Phi_{42}^5\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^6$
82754	1308	372	$\frac{1}{31}$	$\frac{15}{124}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{372}^5\ \Phi_{186}^5\ \Phi_{93}^6\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^6$
82755	1308	1008	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{35}{144}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{21}$
82756	1308	1575	$\frac{7}{225}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{175}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
82757	1308	390	$\frac{2}{65}$	$\frac{21}{130}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{390}^6\ \Phi_{195}^4\ \Phi_{78}^6\ \Phi_{39}^4\ \Phi_{30}^6\ \Phi_{15}^5\ \Phi_6^6\ \Phi_3^4$
82758	1308	225	$\frac{7}{225}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{225}^6\ \Phi_{75}^5\ \Phi_{45}^6\ \Phi_{25}^6\ \Phi_{15}^6\ \Phi_9^6\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
82759	1308	2145	$\frac{4}{65}$	$\frac{61}{715}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{165}\ \Phi_{33}\ \Phi_{15}$
82760	1308	1050	$\frac{23}{350}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{210}^2\ \Phi_{150}^2\ \Phi_{105}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_6^2$
82761	1308	945	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{26}{135}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{21}$
82762	1308	393	$\frac{5}{131}$	$\frac{21}{131}$	$\frac{22}{131}$	$\frac{1}{3}$	$\Phi_{393}^5\ \Phi_3^4$
82763	1308	798	$\frac{5}{114}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{21}$
82764	1308	126	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{126}^{10}\ \Phi_{63}^{10}\ \Phi_{42}^{10}\ \Phi_{21}^{11}\ \Phi_{18}^{12}\ \Phi_{14}^{10}\ \Phi_9^{12}\ \Phi_7^{10}\ \Phi_6^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
82765	1308	819	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{819}^2\ \Phi_{273}^2\ \Phi_{91}^2\ \Phi_{21}$
82766	1308	1701	$\frac{2}{27}$	$\frac{25}{243}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{21}$
82767	1308	840	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{35}^2\ \Phi_{21}$
82768	1308	1782	$\frac{1}{54}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{53}{162}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{11}\ \Phi_1^2$
82769	1308	1620	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{53}{162}$	$\Phi_{1620}^2\ \Phi_{810}\ \Phi_{405}\ \Phi_{20}\ \Phi_{10}$
82770	1308	1932	$\frac{1}{23}$	$\frac{47}{483}$	$\frac{1}{4}$	$\frac{22}{69}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{322}\ \Phi_{92}\ \Phi_{84}\ \Phi_{46}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}$
82771	1308	160	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{51}{160}$	$\Phi_{160}^8\ \Phi_{80}^8\ \Phi_{40}^9\ \Phi_{32}^8\ \Phi_{20}^9\ \Phi_{16}^8\ \Phi_{10}^9\ \Phi_8^8\ \Phi_5^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^8$
82772	1308	2508	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{1}{4}$	$\frac{191}{627}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{228}\ \Phi_{132}\ \Phi_{114}\ \Phi_{76}\ \Phi_{66}\ \Phi_{38}\ \Phi_{12}\ \Phi_6$
82773	1308	1716	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{23}{132}$	$\frac{10}{33}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{286}\ \Phi_{156}\ \Phi_{143}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}$
82774	1308	2484	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{1}{4}$	$\frac{185}{621}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{108}\ \Phi_{92}\ \Phi_{54}\ \Phi_{46}$
82775	1308	1950	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{150}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}$
82776	1308	1232	$\frac{3}{112}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{176}\ \Phi_{154}\ \Phi_{112}^2\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_7^2\ \Phi_1^2$
82777	1308	1584	$\frac{1}{36}$	$\frac{2}{11}$	$\frac{35}{144}$	$\frac{3}{11}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}^2\ \Phi_{88}\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
82778	1308	1485	$\frac{1}{27}$	$\frac{2}{11}$	$\frac{26}{135}$	$\frac{3}{11}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{165}\ \Phi_{135}^2\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_5^2\ \Phi_1^2$
82779	1308	1254	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}\ \Phi_{209}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{11}\ \Phi_1^2$
82780	1308	1386	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{126}^2\ \Phi_{77}\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_1^2$
82781	1308	1287	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_{11}\ \Phi_1^2$
82782	1308	1320	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{120}^2\ \Phi_{110}\ \Phi_{88}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_1^2$
82783	1308	1560	$\frac{1}{13}$	$\frac{11}{120}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{156}\ \Phi_{130}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
82784	1308	560	$\frac{3}{112}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{20}\ \Phi_{10}$
82785	1308	720	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{35}{144}$	$\frac{1}{4}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
82786	1308	228	$\frac{5}{114}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{228}^8\ \Phi_{114}^4\ \Phi_{76}^7\ \Phi_{57}^4\ \Phi_{38}^3\ \Phi_{19}^4\ \Phi_{12}^8\ \Phi_6^4\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
82787	1308	276	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{29}{138}$	$\frac{1}{4}$	$\Phi_{276}^6\ \Phi_{138}^2\ \Phi_{92}^7\ \Phi_{69}^4\ \Phi_{46}^3\ \Phi_{23}^4\ \Phi_{12}^6\ \Phi_6^2\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
82788	1308	540	$\frac{1}{27}$	$\frac{26}{135}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{108}^4\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
82789	1308	1140	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1140}^2\ \Phi_{570}\ \Phi_{380}^2\ \Phi_{285}\ \Phi_{190}\ \Phi_{95}\ \Phi_{20}\ \Phi_{10}$
82790	1308	1260	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
82791	1308	2340	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{130}\ \Phi_{20}\ \Phi_{10}$
82792	1308	120	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{120}^{12}\ \Phi_{60}^9\ \Phi_{40}^{12}\ \Phi_{30}^9\ \Phi_{24}^{12}\ \Phi_{20}^{10}\ \Phi_{15}^9\ \Phi_{12}^{12}\ \Phi_{10}^{10}\ \Phi_8^{12}\ \Phi_6^{12}\ \Phi_5^9\ \Phi_4^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
82793	1308	1820	$\frac{1}{13}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{140}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{364}\ \Phi_{260}\ \Phi_{182}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
82794	1308	1760	$\frac{25}{352}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
82795	1308	400	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{400}$	$\frac{1}{5}$	$\Phi_{400}^4\ \Phi_{200}^4\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{40}\ \Phi_{25}^4\ \Phi_{20}\ \Phi_{10}$
82796	1308	120	$\frac{11}{120}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{5}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^9\ \Phi_{30}^{12}\ \Phi_{24}^{12}\ \Phi_{20}^9\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_{10}^9\ \Phi_8^8\ \Phi_6^{12}\ \Phi_5^8\ \Phi_4^8\ \Phi_3^{12}\ \Phi_2^8\ \Phi_1^8$
82797	1308	640	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{19}{128}$	$\frac{1}{5}$	$\Phi_{640}^3\ \Phi_{320}^2\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^2$
82798	1309	2608	$\frac{5}{1304}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1299}{2608}$	$\Phi_{2608}\ \Phi_{16}\ \Phi_8\ \Phi_1$
82799	1309	372	$\frac{1}{186}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{185}{372}$	$\Phi_{372}\ \Phi_{186}^6\ \Phi_{124}\ \Phi_{93}^6\ \Phi_{62}^6\ \Phi_{31}^6\ \Phi_{12}^2\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
82800	1309	1116	$\frac{1}{186}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{185}{372}$	$\Phi_{1116}^3\ \Phi_{372}\ \Phi_{124}\ \Phi_{36}^3\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
82801	1309	1180	$\frac{1}{118}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{117}{236}$	$\Phi_{590}^2\ \Phi_{295}^2\ \Phi_{236}\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_{20}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
82802	1309	3540	$\frac{1}{118}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{117}{236}$	$\Phi_{3540}\ \Phi_{708}\ \Phi_{236}\ \Phi_{60}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
82803	1309	2592	$\frac{13}{1296}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1283}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
82804	1309	2592	$\frac{13}{1296}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1283}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
82805	1309	2592	$\frac{13}{1296}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1283}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
82806	1309	1752	$\frac{5}{438}$	$\frac{1}{6}$	$\frac{443}{1752}$	$\frac{433}{876}$	$\Phi_{1752}\ \Phi_{584}\ \Phi_{438}\ \Phi_{219}\ \Phi_{146}\ \Phi_{73}\ \Phi_{24}\ \Phi_8\ \Phi_1$
82807	1309	608	$\frac{1}{76}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{75}{152}$	$\Phi_{608}^4\ \Phi_{152}\ \Phi_{32}^5\ \Phi_8\ \Phi_1$
82808	1309	456	$\frac{1}{76}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{75}{152}$	$\Phi_{456}^4\ \Phi_{228}^4\ \Phi_{152}\ \Phi_{114}^4\ \Phi_{57}^4\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
82809	1309	760	$\frac{1}{76}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{75}{152}$	$\Phi_{760}^4\ \Phi_{152}\ \Phi_{40}^4\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
82810	1309	368	$\frac{3}{184}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{181}{368}$	$\Phi_{368}^7\ \Phi_{16}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
82811	1309	468	$\frac{2}{117}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{115}{234}$	$\Phi_{468}^3\ \Phi_{234}^2\ \Phi_{156}^3\ \Phi_{117}^3\ \Phi_{78}^2\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{36}^3\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^3\ \Phi_{12}^5\ \Phi_9^3\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
82812	1309	2560	$\frac{29}{1280}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1251}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
82813	1309	480	$\frac{1}{40}$	$\frac{1}{12}$	$\frac{41}{160}$	$\frac{39}{80}$	$\Phi_{480}^4\ \Phi_{160}^3\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{60}^4\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
82814	1309	696	$\frac{3}{116}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{113}{232}$	$\Phi_{696}^4\ \Phi_{232}^3\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
82815	1309	450	$\frac{2}{75}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{450}^3\ \Phi_{225}^3\ \Phi_{150}^2\ \Phi_{90}^3\ \Phi_{75}^3\ \Phi_{50}^2\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{18}^5\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_9^5\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
82816	1309	1380	$\frac{2}{69}$	$\frac{71}{1380}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}\ \Phi_{69}\ \Phi_{60}\ \Phi_{30}\ \Phi_{23}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
82817	1309	1380	$\frac{4}{115}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{111}{230}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{115}\ \Phi_{92}\ \Phi_{69}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
82818	1309	1368	$\frac{2}{57}$	$\frac{59}{1368}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{152}\ \Phi_{76}\ \Phi_{72}\ \Phi_{57}\ \Phi_{36}\ \Phi_{24}\ \Phi_{19}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
82819	1309	936	$\frac{1}{26}$	$\frac{1}{18}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{936}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{104}\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
82820	1309	360	$\frac{7}{180}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{173}{360}$	$\Phi_{360}^7\ \Phi_{120}^7\ \Phi_{72}^7\ \Phi_{60}\ \Phi_{40}^7\ \Phi_{30}\ \Phi_{24}^7\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8^7\ \Phi_5\ \Phi_1$
82821	1309	144	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{25}{144}$	$\frac{23}{48}$	$\Phi_{144}^{11}\ \Phi_{72}^{11}\ \Phi_{36}^{11}\ \Phi_{24}^{11}\ \Phi_{18}^{11}\ \Phi_{12}^{10}\ \Phi_9^{11}\ \Phi_8^{11}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
82822	1309	228	$\frac{2}{57}$	$\frac{5}{114}$	$\frac{1}{3}$	$\frac{109}{228}$	$\Phi_{228}^{11}\ \Phi_{76}^{11}\ \Phi_{57}\ \Phi_{19}\ \Phi_{12}^{11}\ \Phi_4^{11}\ \Phi_1$
82823	1309	228	$\frac{5}{114}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{109}{228}$	$\Phi_{228}^5\ \Phi_{114}^6\ \Phi_{76}^5\ \Phi_{57}^6\ \Phi_{38}^6\ \Phi_{19}^6\ \Phi_{12}^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
82824	1309	2484	$\frac{2}{69}$	$\frac{67}{1242}$	$\frac{1}{3}$	$\frac{1175}{2484}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{276}\ \Phi_{108}\ \Phi_{92}\ \Phi_{69}\ \Phi_{36}\ \Phi_{23}\ \Phi_{12}\ \Phi_4\ \Phi_1$
82825	1309	1824	$\frac{1}{38}$	$\frac{1}{16}$	$\frac{37}{114}$	$\frac{15}{32}$	$\Phi_{1824}^2\ \Phi_{114}\ \Phi_{96}^2\ \Phi_{57}\ \Phi_{32}\ \Phi_6\ \Phi_3\ \Phi_1$
82826	1309	160	$\frac{3}{80}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{160}^{16}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}^{13}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
82827	1309	3040	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{18}{95}$	$\frac{15}{32}$	$\Phi_{3040}\ \Phi_{160}\ \Phi_{95}\ \Phi_{32}\ \Phi_5\ \Phi_1$
82828	1309	608	$\frac{1}{16}$	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{15}{32}$	$\Phi_{608}^4\ \Phi_{38}^2\ \Phi_{32}^5\ \Phi_{19}^2\ \Phi_2^2\ \Phi_1^3$
82829	1309	96	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{15}{32}$	$\Phi_{96}^{28}\ \Phi_{32}^{21}\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
82830	1309	144	$\frac{1}{18}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{144}^{17}\ \Phi_{48}^{17}\ \Phi_{18}^{5}\ \Phi_{16}^{17}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
82831	1309	660	$\frac{9}{110}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{101}{220}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}\ \Phi_{165}^{2}\ \Phi_{132}^{2}\ \Phi_{110}^{2}\ \Phi_{66}^{2}\ \Phi_{60}^{4}\ \Phi_{55}^{2}\ \Phi_{44}\ \Phi_{33}^{2}\ \Phi_{30}^{4}\ \Phi_{22}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{11}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
82832	1309	1944	$\frac{13}{648}$	$\frac{1}{12}$	$\frac{635}{1944}$	$\frac{11}{24}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
82833	1309	192	$\frac{5}{192}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{192}^{7}\ \Phi_{96}^{7}\ \Phi_{64}^{7}\ \Phi_{48}^{6}\ \Phi_{32}^{7}\ \Phi_{24}^{7}\ \Phi_{16}^{6}\ \Phi_{12}^{6}\ \Phi_{8}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
82834	1309	1728	$\frac{13}{432}$	$\frac{1}{12}$	$\frac{419}{1728}$	$\frac{11}{24}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
82835	1309	1368	$\frac{59}{1368}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
82836	1309	216	$\frac{13}{216}$	$\frac{1}{12}$	$\frac{29}{216}$	$\frac{11}{24}$	$\Phi_{216}^{6}\ \Phi_{108}^{6}\ \Phi_{72}^{6}\ \Phi_{54}^{6}\ \Phi_{36}^{6}\ \Phi_{27}^{6}\ \Phi_{24}^{7}\ \Phi_{18}^{6}\ \Phi_{12}^{6}\ \Phi_{9}^{6}\ \Phi_{8}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
82837	1309	1440	$\frac{1}{12}$	$\frac{13}{144}$	$\frac{131}{1440}$	$\frac{11}{24}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
82838	1309	2400	$\frac{1}{12}$	$\frac{109}{1200}$	$\frac{11}{120}$	$\frac{1091}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
82839	1309	1440	$\frac{1}{12}$	$\frac{131}{1440}$	$\frac{11}{120}$	$\frac{109}{240}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
82840	1309	192	$\frac{5}{192}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{192}^{7}\ \Phi_{96}^{7}\ \Phi_{64}^{6}\ \Phi_{48}^{7}\ \Phi_{32}^{7}\ \Phi_{24}^{7}\ \Phi_{16}^{7}\ \Phi_{12}^{7}\ \Phi_{8}^{7}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
82841	1309	3540	$\frac{1}{59}$	$\frac{1}{10}$	$\frac{58}{177}$	$\frac{9}{20}$	$\Phi_{3540}\ \Phi_{708}\ \Phi_{177}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
82842	1309	1180	$\frac{3}{59}$	$\frac{1}{10}$	$\frac{8}{59}$	$\frac{9}{20}$	$\Phi_{1180}^{2}\ \Phi_{236}^{2}\ \Phi_{59}^{2}\ \Phi_{20}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
82843	1309	360	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{360}^{4}\ \Phi_{180}^{2}\ \Phi_{120}^{4}\ \Phi_{90}^{4}\ \Phi_{72}^{6}\ \Phi_{60}^{2}\ \Phi_{45}^{4}\ \Phi_{40}^{2}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{6}\ \Phi_{20}\ \Phi_{18}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{2}\ \Phi_{9}^{5}\ \Phi_{8}^{3}\ \Phi_{6}^{5}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{3}\ \Phi_{1}^{3}$
82844	1309	216	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{216}$	$\Phi_{216}^{11}\ \Phi_{72}^{11}\ \Phi_{24}^{11}\ \Phi_{12}^{10}\ \Phi_{8}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
82845	1309	384	$\frac{9}{128}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{384}^{4}\ \Phi_{192}^{4}\ \Phi_{128}^{3}\ \Phi_{96}^{4}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
82846	1309	390	$\frac{1}{78}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{390}^{3}\ \Phi_{195}^{3}\ \Phi_{130}^{3}\ \Phi_{78}^{5}\ \Phi_{65}^{3}\ \Phi_{39}^{5}\ \Phi_{30}^{2}\ \Phi_{26}^{5}\ \Phi_{15}^{3}\ \Phi_{13}^{5}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
82847	1309	60	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{13}{30}$	$\Phi_{60}^{24}\ \Phi_{30}^{17}\ \Phi_{20}^{24}\ \Phi_{15}^{23}\ \Phi_{12}^{23}\ \Phi_{10}^{17}\ \Phi_{6}^{16}\ \Phi_{5}^{23}\ \Phi_{4}^{23}\ \Phi_{3}^{22}\ \Phi_{2}^{16}\ \Phi_{1}^{23}$
82848	1309	328	$\frac{3}{164}$	$\frac{23}{164}$	$\frac{1}{4}$	$\frac{141}{328}$	$\Phi_{328}^{7}\ \Phi_{164}\ \Phi_{82}\ \Phi_{41}\ \Phi_{8}^{7}\ \Phi_{1}$
82849	1309	756	$\frac{2}{189}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{756}^{3}\ \Phi_{252}^{3}\ \Phi_{189}\ \Phi_{108}^{3}\ \Phi_{84}^{3}\ \Phi_{63}\ \Phi_{36}^{3}\ \Phi_{28}^{3}\ \Phi_{27}\ \Phi_{21}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
82850	1309	1116	$\frac{1}{93}$	$\frac{1}{6}$	$\frac{92}{279}$	$\frac{5}{12}$	$\Phi_{1116}^{3}\ \Phi_{279}\ \Phi_{36}^{3}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
82851	1309	312	$\frac{1}{78}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{312}^{6}\ \Phi_{104}^{6}\ \Phi_{78}^{5}\ \Phi_{39}^{5}\ \Phi_{26}^{5}\ \Phi_{24}^{5}\ \Phi_{13}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
82852	1309	744	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{61}{248}$	$\frac{5}{12}$	$\Phi_{744}^{2}\ \Phi_{248}^{3}\ \Phi_{186}^{2}\ \Phi_{124}\ \Phi_{93}^{2}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{24}^{2}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
82853	1309	192	$\frac{5}{192}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{192}^{7}\ \Phi_{96}^{7}\ \Phi_{64}^{7}\ \Phi_{48}^{7}\ \Phi_{32}^{7}\ \Phi_{24}^{7}\ \Phi_{16}^{7}\ \Phi_{12}^{2}\ \Phi_{8}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
82854	1309	2604	$\frac{1}{31}$	$\frac{30}{217}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2604}\ \Phi_{868}\ \Phi_{217}\ \Phi_{84}\ \Phi_{28}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
82855	1309	372	$\frac{5}{93}$	$\frac{8}{93}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{372}^{6}\ \Phi_{124}^{6}\ \Phi_{93}^{2}\ \Phi_{31}^{2}\ \Phi_{12}^{7}\ \Phi_{4}^{7}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
82856	1309	36	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{36}^{36}\ \Phi_{18}^{41}\ \Phi_{12}^{30}\ \Phi_{9}^{41}\ \Phi_{6}^{34}\ \Phi_{4}^{30}\ \Phi_{3}^{34}\ \Phi_{2}^{34}\ \Phi_{1}^{35}$
82857	1309	1170	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{234}^{2}\ \Phi_{195}\ \Phi_{117}^{2}\ \Phi_{90}\ \Phi_{78}^{2}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}^{2}\ \Phi_{30}\ \Phi_{26}\ \Phi_{18}\ \Phi_{15}\ \Phi_{13}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
82858	1309	600	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{19}{100}$	$\frac{81}{200}$	$\Phi_{600}^{4}\ \Phi_{200}^{3}\ \Phi_{120}^{4}\ \Phi_{60}^{4}\ \Phi_{40}^{3}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
82859	1309	360	$\frac{1}{120}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{5}\ \Phi_{90}^{3}\ \Phi_{72}^{3}\ \Phi_{60}^{5}\ \Phi_{45}^{3}\ \Phi_{40}^{5}\ \Phi_{36}^{3}\ \Phi_{30}^{5}\ \Phi_{24}^{5}\ \Phi_{20}^{5}\ \Phi_{18}^{2}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{3}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
82860	1309	192	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{23}{96}$	$\frac{73}{192}$	$\Phi_{192}^{11}\ \Phi_{64}^{11}\ \Phi_{24}^{11}\ \Phi_{12}^{10}\ \Phi_{8}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
82861	1309	240	$\frac{1}{120}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{240}^{8}\ \Phi_{120}^{3}\ \Phi_{80}^{8}\ \Phi_{60}^{3}\ \Phi_{48}^{8}\ \Phi_{40}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{7}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
82862	1309	192	$\frac{5}{192}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{192}^{7}\ \Phi_{96}^{7}\ \Phi_{64}^{7}\ \Phi_{48}^{7}\ \Phi_{32}^{7}\ \Phi_{24}^{7}\ \Phi_{16}^{7}\ \Phi_{12}^{7}\ \Phi_{8}^{3}\ \Phi_{6}^{7}\ \Phi_{4}^{2}\ \Phi_{3}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
82863	1309	1332	$\frac{23}{1332}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1332}\ \Phi_{666}\ \Phi_{444}\ \Phi_{333}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
82864	1309	180	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{29}{90}$	$\frac{61}{180}$	$\Phi_{180}^{5}\ \Phi_{90}^{6}\ \Phi_{60}^{11}\ \Phi_{45}^{6}\ \Phi_{36}^{5}\ \Phi_{30}^{11}\ \Phi_{20}^{11}\ \Phi_{18}^{6}\ \Phi_{15}^{11}\ \Phi_{12}^{10}\ \Phi_{10}^{11}\ \Phi_{9}^{6}\ \Phi_{6}^{10}\ \Phi_{5}^{11}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
82865	1309	1128	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{46}{141}$	$\frac{95}{282}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{376}^{2}\ \Phi_{188}^{2}\ \Phi_{141}\ \Phi_{94}\ \Phi_{47}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
82866	1309	1968	$\frac{3}{328}$	$\frac{1}{4}$	$\frac{325}{984}$	$\frac{659}{1968}$	$\Phi_{1968}\ \Phi_{656}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}\ \Phi_{48}\ \Phi_{41}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
82867	1309	189	$\frac{2}{189}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{189}^{7}\ \Phi_{63}^{7}\ \Phi_{27}^{7}\ \Phi_{21}^{7}\ \Phi_{9}^{5}\ \Phi_{7}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
82868	1309	279	$\frac{1}{93}$	$\frac{2}{9}$	$\frac{92}{279}$	$\frac{1}{3}$	$\Phi_{279}^{4}\ \Phi_{93}^{6}\ \Phi_{31}^{6}\ \Phi_{9}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
82869	1309	207	$\frac{2}{69}$	$\frac{20}{207}$	$\frac{67}{207}$	$\frac{1}{3}$	$\Phi_{207}^{6}\ \Phi_{69}^{7}\ \Phi_{23}^{7}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
82870	1309	171	$\frac{2}{57}$	$\frac{5}{57}$	$\frac{52}{171}$	$\frac{1}{3}$	$\Phi_{171}^{11}\ \Phi_{57}\ \Phi_{19}\ \Phi_{9}^{11}\ \Phi_{1}$
82871	1309	1863	$\frac{2}{69}$	$\frac{67}{621}$	$\frac{554}{1863}$	$\frac{1}{3}$	$\Phi_{1863}\ \Phi_{81}\ \Phi_{69}\ \Phi_{23}\ \Phi_{1}$
82872	1309	2232	$\frac{1}{62}$	$\frac{2}{9}$	$\frac{61}{248}$	$\frac{1}{3}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{248}\ \Phi_{124}\ \Phi_{72}\ \Phi_{36}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
82873	1309	156	$\frac{2}{39}$	$\frac{1}{12}$	$\frac{37}{156}$	$\frac{1}{3}$	$\Phi_{156}^{8}\ \Phi_{78}^{8}\ \Phi_{52}^{8}\ \Phi_{39}^{9}\ \Phi_{26}^{8}\ \Phi_{13}^{9}\ \Phi_{12}^{10}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
82874	1309	576	$\frac{5}{192}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{576}^{3}\ \Phi_{288}^{3}\ \Phi_{192}\ \Phi_{144}^{3}\ \Phi_{96}\ \Phi_{72}^{3}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}^{3}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
82875	1309	1953	$\frac{1}{31}$	$\frac{30}{217}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1953}\ \Phi_{217}\ \Phi_{63}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
82876	1309	279	$\frac{5}{93}$	$\frac{8}{93}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{279}^{6}\ \Phi_{93}^{2}\ \Phi_{31}^{2}\ \Phi_{9}^{7}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
82877	1309	36	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{36}^{39}\ \Phi_{18}^{32}\ \Phi_{12}^{41}\ \Phi_{9}^{33}\ \Phi_{6}^{34}\ \Phi_{4}^{41}\ \Phi_{3}^{34}\ \Phi_{2}^{34}\ \Phi_{1}^{35}$
82878	1309	1656	$\frac{2}{69}$	$\frac{67}{414}$	$\frac{347}{1656}$	$\frac{1}{3}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{92}\ \Phi_{72}\ \Phi_{69}\ \Phi_{36}\ \Phi_{24}\ \Phi_{23}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
82879	1309	90	$\frac{1}{18}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{90}^{14}\ \Phi_{45}^{14}\ \Phi_{30}^{14}\ \Phi_{18}^{16}\ \Phi_{15}^{15}\ \Phi_{10}^{14}\ \Phi_{9}^{16}\ \Phi_{6}^{16}\ \Phi_{5}^{15}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
82880	1309	207	$\frac{2}{23}$	$\frac{20}{207}$	$\frac{3}{23}$	$\frac{1}{3}$	$\Phi_{207}^{7}\ \Phi_{69}^{4}\ \Phi_{23}^{7}\ \Phi_{9}^{7}\ \Phi_{3}^{3}\ \Phi_{1}^{7}$
82881	1309	885	$\frac{1}{59}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{58}{177}$	$\Phi_{885}\ \Phi_{295}^{2}\ \Phi_{177}^{2}\ \Phi_{59}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
82882	1309	1944	$\frac{13}{648}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{635}{1944}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
82883	1309	456	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{37}{114}$	$\Phi_{456}^{2}\ \Phi_{228}^{2}\ \Phi_{152}^{4}\ \Phi_{114}^{3}\ \Phi_{76}^{4}\ \Phi_{57}^{3}\ \Phi_{38}^{4}\ \Phi_{24}^{3}\ \Phi_{19}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
82884	1309	1140	$\frac{1}{38}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{37}{114}$	$\Phi_{1140}^{2}\ \Phi_{570}^{2}\ \Phi_{285}^{2}\ \Phi_{114}\ \Phi_{60}^{2}\ \Phi_{57}\ \Phi_{30}^{2}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
82885	1309	552	$\frac{3}{92}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{89}{276}$	$\Phi_{552}^{4}\ \Phi_{276}^{3}\ \Phi_{138}^{3}\ \Phi_{69}^{3}\ \Phi_{24}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
82886	1309	1920	$\frac{29}{640}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{611}{1920}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
82887	1309	144	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{25}{144}$	$\frac{11}{36}$	$\Phi_{144}^{11}\ \Phi_{72}^{11}\ \Phi_{48}^{11}\ \Phi_{24}^{11}\ \Phi_{16}^{11}\ \Phi_{12}^{10}\ \Phi_{8}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
82888	1309	109	$\frac{5}{109}$	$\frac{13}{109}$	$\frac{24}{109}$	$\frac{32}{109}$	$\Phi_{109}^{12}\ \Phi_{1}^{13}$
82889	1309	240	$\frac{3}{80}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}\ \Phi_{60}^{8}\ \Phi_{48}^{8}\ \Phi_{40}\ \Phi_{30}^{8}\ \Phi_{24}^{5}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}^{8}\ \Phi_{12}^{5}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}^{5}\ \Phi_{5}\ \Phi_{3}^{5}\ \Phi_{1}$
82890	1309	2280	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{18}{95}$	$\frac{7}{24}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{285}\ \Phi_{120}\ \Phi_{95}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
82891	1309	456	$\frac{3}{38}$	$\frac{1}{8}$	$\frac{5}{38}$	$\frac{7}{24}$	$\Phi_{456}^{4}\ \Phi_{228}^{4}\ \Phi_{114}^{4}\ \Phi_{57}^{4}\ \Phi_{38}^{2}\ \Phi_{24}^{5}\ \Phi_{19}^{2}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
82892	1309	24	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{24}^{53}\ \Phi_{12}^{52}\ \Phi_{8}^{59}\ \Phi_{6}^{52}\ \Phi_{4}^{58}\ \Phi_{3}^{52}\ \Phi_{2}^{58}\ \Phi_{1}^{59}$
82893	1309	108	$\frac{1}{18}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{108}^{17}\ \Phi_{54}^{17}\ \Phi_{27}^{17}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
82894	1309	1728	$\frac{13}{432}$	$\frac{1}{6}$	$\frac{419}{1728}$	$\frac{5}{18}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
82895	1309	1350	$\frac{41}{1350}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{270}\ \Phi_{225}\ \Phi_{150}\ \Phi_{135}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{30}\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
82896	1309	1620	$\frac{13}{324}$	$\frac{1}{6}$	$\frac{311}{1620}$	$\frac{5}{18}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
82897	1309	1368	$\frac{59}{1368}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
82898	1309	90	$\frac{1}{18}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{90}^{17}\ \Phi_{45}^{17}\ \Phi_{30}^{17}\ \Phi_{18}^{5}\ \Phi_{15}^{17}\ \Phi_{10}^{17}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{17}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
82899	1309	216	$\frac{13}{216}$	$\frac{29}{216}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{216}^{6}\ \Phi_{108}^{6}\ \Phi_{72}^{6}\ \Phi_{54}^{6}\ \Phi_{36}^{6}\ \Phi_{27}^{6}\ \Phi_{24}^{6}\ \Phi_{18}^{7}\ \Phi_{12}^{6}\ \Phi_{9}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
82900	1309	1404	$\frac{95}{1404}$	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
82901	1309	1458	$\frac{13}{162}$	$\frac{149}{1458}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1458}\ \Phi_{729}\ \Phi_{486}\ \Phi_{243}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
82902	1309	1440	$\frac{13}{144}$	$\frac{131}{1440}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
82903	1309	1800	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{109}{600}$	$\frac{491}{1800}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
82904	1309	1440	$\frac{1}{12}$	$\frac{131}{1440}$	$\frac{11}{60}$	$\frac{49}{180}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
82905	1309	192	$\frac{5}{192}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{192}^{7}\ \Phi_{96}^{7}\ \Phi_{64}^{7}\ \Phi_{48}^{6}\ \Phi_{32}^{7}\ \Phi_{24}^{6}\ \Phi_{16}^{7}\ \Phi_{12}^{6}\ \Phi_{8}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
82906	1309	885	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{885}^{2}\ \Phi_{177}^{2}\ \Phi_{59}^{2}\ \Phi_{15}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
82907	1309	360	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{3}\ \Phi_{90}^{2}\ \Phi_{72}^{6}\ \Phi_{60}^{3}\ \Phi_{45}^{2}\ \Phi_{40}^{4}\ \Phi_{36}^{6}\ \Phi_{30}\ \Phi_{24}^{5}\ \Phi_{20}^{4}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{5}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{5}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
82908	1309	80	$\frac{3}{80}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{80}^{17}\ \Phi_{40}^{17}\ \Phi_{20}^{14}\ \Phi_{16}^{17}\ \Phi_{10}^{14}\ \Phi_{8}^{17}\ \Phi_{5}^{14}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
82909	1309	1728	$\frac{13}{432}$	$\frac{3}{16}$	$\frac{419}{1728}$	$\frac{1}{4}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
82910	1309	128	$\frac{9}{128}$	$\frac{3}{32}$	$\frac{29}{128}$	$\frac{1}{4}$	$\Phi_{128}^{10}\ \Phi_{64}^{10}\ \Phi_{32}^{11}\ \Phi_{16}^{11}\ \Phi_{8}^{11}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
82911	1309	380	$\frac{1}{19}$	$\frac{3}{20}$	$\frac{18}{95}$	$\frac{1}{4}$	$\Phi_{380}^{3}\ \Phi_{190}^{3}\ \Phi_{95}^{4}\ \Phi_{76}^{4}\ \Phi_{38}^{4}\ \Phi_{20}^{4}\ \Phi_{19}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
82912	1309	1440	$\frac{13}{144}$	$\frac{131}{1440}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
82913	1309	1600	$\frac{29}{320}$	$\frac{3}{32}$	$\frac{291}{1600}$	$\frac{1}{4}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
82914	1309	1440	$\frac{131}{1440}$	$\frac{3}{32}$	$\frac{29}{160}$	$\frac{1}{4}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
82915	1309	380	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{380}^{4}\ \Phi_{190}^{4}\ \Phi_{95}^{4}\ \Phi_{38}^{2}\ \Phi_{20}^{5}\ \Phi_{19}^{2}\ \Phi_{10}^{5}\ \Phi_{5}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
82916	1309	120	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{120}^{16}\ \Phi_{60}^{12}\ \Phi_{40}^{12}\ \Phi_{30}^{12}\ \Phi_{24}^{4}\ \Phi_{20}^{9}\ \Phi_{15}^{12}\ \Phi_{12}^{3}\ \Phi_{10}^{9}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{9}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
82917	1309	1536	$\frac{3}{32}$	$\frac{29}{256}$	$\frac{227}{1536}$	$\frac{1}{4}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
82918	1309	240	$\frac{1}{12}$	$\frac{7}{60}$	$\frac{11}{60}$	$\frac{53}{240}$	$\Phi_{240}^{7}\ \Phi_{120}^{7}\ \Phi_{80}^{7}\ \Phi_{60}\ \Phi_{48}^{7}\ \Phi_{40}^{7}\ \Phi_{30}\ \Phi_{24}^{7}\ \Phi_{20}\ \Phi_{16}^{7}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}^{7}\ \Phi_{5}\ \Phi_{1}$
82919	1309	288	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{288}^{6}\ \Phi_{144}^{6}\ \Phi_{96}^{5}\ \Phi_{48}^{5}\ \Phi_{32}^{5}\ \Phi_{18}^{5}\ \Phi_{16}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
82920	1310	2088	$\frac{1}{261}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{130}{261}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{261}\ \Phi_{232}\ \Phi_{87}\ \Phi_{72}\ \Phi_{29}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
82921	1310	3912	$\frac{3}{652}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{649}{1304}$	$\Phi_{3912}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
82922	1310	1122	$\frac{1}{187}$	$\frac{94}{561}$	$\frac{467}{1122}$	$\frac{93}{187}$	$\Phi_{1122}^{2}\ \Phi_{374}^{2}\ \Phi_{187}\ \Phi_{102}^{2}\ \Phi_{66}^{2}\ \Phi_{34}^{2}\ \Phi_{22}^{2}\ \Phi_{17}\ \Phi_{11}\ \Phi_{6}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
82923	1310	1302	$\frac{4}{651}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{647}{1302}$	$\Phi_{1302}^{2}\ \Phi_{434}^{2}\ \Phi_{186}^{2}\ \Phi_{62}^{2}\ \Phi_{42}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
82924	1310	2340	$\frac{1}{130}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{129}{260}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}^{2}\ \Phi_{180}\ \Phi_{156}\ \Phi_{60}\ \Phi_{52}^{2}\ \Phi_{36}\ \Phi_{20}^{2}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
82925	1310	780	$\frac{1}{130}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{129}{260}$	$\Phi_{780}^{3}\ \Phi_{260}^{4}\ \Phi_{156}^{3}\ \Phi_{60}^{3}\ \Phi_{52}^{4}\ \Phi_{20}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
82926	1310	238	$\frac{1}{119}$	$\frac{12}{119}$	$\frac{107}{238}$	$\frac{59}{119}$	$\Phi_{238}^{10}\ \Phi_{119}\ \Phi_{34}^{10}\ \Phi_{17}\ \Phi_{14}^{10}\ \Phi_{7}\ \Phi_{2}^{10}\ \Phi_{1}^{2}$
82927	1310	1298	$\frac{6}{649}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{643}{1298}$	$\Phi_{1298}^{2}\ \Phi_{118}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
82928	1310	1296	$\frac{7}{648}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{641}{1296}$	$\Phi_{1296}^{2}\ \Phi_{432}^{2}\ \Phi_{144}^{2}\ \Phi_{48}^{2}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{12}\ \Phi_{6}$
82929	1310	259	$\frac{3}{259}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{128}{259}$	$\Phi_{259}^{5}\ \Phi_{37}^{5}\ \Phi_{7}^{7}\ \Phi_{1}^{8}$
82930	1310	1232	$\frac{1}{77}$	$\frac{39}{616}$	$\frac{577}{1232}$	$\frac{38}{77}$	$\Phi_{1232}^{2}\ \Phi_{176}^{2}\ \Phi_{112}^{2}\ \Phi_{77}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^{2}$
82931	1310	924	$\frac{1}{77}$	$\frac{39}{308}$	$\frac{269}{924}$	$\frac{38}{77}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{231}^{2}\ \Phi_{132}^{2}\ \Phi_{84}^{2}\ \Phi_{77}\ \Phi_{66}^{2}\ \Phi_{42}^{2}\ \Phi_{33}^{2}\ \Phi_{21}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
82932	1310	154	$\frac{1}{77}$	$\frac{23}{154}$	$\frac{39}{154}$	$\frac{38}{77}$	$\Phi_{154}^{8}\ \Phi_{77}^{9}\ \Phi_{22}^{8}\ \Phi_{14}^{8}\ \Phi_{11}^{9}\ \Phi_{7}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
82933	1310	1292	$\frac{9}{646}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{637}{1292}$	$\Phi_{1292}^{2}\ \Phi_{76}^{2}\ \Phi_{68}^{2}\ \Phi_{17}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
82934	1310	2838	$\frac{2}{129}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{127}{258}$	$\Phi_{2838}\ \Phi_{946}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
82935	1310	187	$\frac{3}{187}$	$\frac{19}{187}$	$\frac{56}{187}$	$\frac{92}{187}$	$\Phi_{187}^{7}\ \Phi_{17}^{7}\ \Phi_{11}^{7}\ \Phi_{1}^{8}$
82936	1310	1288	$\frac{11}{644}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{633}{1288}$	$\Phi_{1288}^{2}\ \Phi_{184}^{2}\ \Phi_{56}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
82937	1310	1287	$\frac{23}{1287}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{632}{1287}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{39}\ \Phi_{33}^{2}\ \Phi_{13}\ \Phi_{11}\ \Phi_{9}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
82938	1310	176	$\frac{1}{44}$	$\frac{1}{11}$	$\frac{45}{176}$	$\frac{43}{88}$	$\Phi_{176}^{10}\ \Phi_{44}^{10}\ \Phi_{22}^{10}\ \Phi_{16}^{10}\ \Phi_{11}^{9}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
82939	1310	768	$\frac{3}{128}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{125}{256}$	$\Phi_{768}^{5}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
82940	1310	2816	$\frac{3}{128}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{125}{256}$	$\Phi_{2816}\ \Phi_{44}\ \Phi_{22}$
82941	1310	1276	$\frac{17}{638}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{621}{1276}$	$\Phi_{1276}^{2}\ \Phi_{116}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
82942	1310	255	$\frac{7}{255}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{124}{255}$	$\Phi_{255}^{5}\ \Phi_{85}^{5}\ \Phi_{51}^{6}\ \Phi_{17}^{5}\ \Phi_{15}^{5}\ \Phi_{5}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
82943	1310	255	$\frac{7}{255}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{124}{255}$	$\Phi_{255}^{5}\ \Phi_{85}^{5}\ \Phi_{51}^{5}\ \Phi_{17}^{7}\ \Phi_{15}^{5}\ \Phi_{5}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{8}$
82944	1310	253	$\frac{9}{253}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{122}{253}$	$\Phi_{253}^{5}\ \Phi_{23}^{5}\ \Phi_{11}^{9}\ \Phi_{1}^{10}$
82945	1310	884	$\frac{8}{221}$	$\frac{1}{17}$	$\frac{229}{884}$	$\frac{213}{442}$	$\Phi_{884}^{2}\ \Phi_{221}^{2}\ \Phi_{68}^{2}\ \Phi_{52}^{2}\ \Phi_{17}\ \Phi_{13}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
82946	1310	792	$\frac{5}{132}$	$\frac{1}{11}$	$\frac{137}{792}$	$\frac{127}{264}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{99}^{2}\ \Phi_{72}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{36}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
82947	1310	154	$\frac{3}{77}$	$\frac{8}{77}$	$\frac{23}{154}$	$\frac{37}{77}$	$\Phi_{154}^{10}\ \Phi_{77}^{7}\ \Phi_{22}^{10}\ \Phi_{14}^{10}\ \Phi_{11}^{7}\ \Phi_{7}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{8}$
82948	1310	2772	$\frac{5}{126}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{121}{252}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
82949	1310	1254	$\frac{28}{627}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{599}{1254}$	$\Phi_{1254}^{2}\ \Phi_{418}^{2}\ \Phi_{114}^{2}\ \Phi_{66}^{2}\ \Phi_{38}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
82950	1310	969	$\frac{9}{323}$	$\frac{1}{17}$	$\frac{314}{969}$	$\frac{8}{17}$	$\Phi_{969}^{2}\ \Phi_{57}^{2}\ \Phi_{51}^{2}\ \Phi_{17}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
82951	1310	136	$\frac{5}{136}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{136}^{10}\ \Phi_{68}^{10}\ \Phi_{34}^{8}\ \Phi_{17}^{9}\ \Phi_{8}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
82952	1310	672	$\frac{17}{672}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{224}^{2}\ \Phi_{168}^{2}\ \Phi_{112}^{2}\ \Phi_{96}\ \Phi_{84}^{2}\ \Phi_{56}^{2}\ \Phi_{48}^{2}\ \Phi_{42}^{2}\ \Phi_{32}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
82953	1310	1232	$\frac{39}{616}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{577}{1232}$	$\Phi_{1232}^{2}\ \Phi_{176}^{2}\ \Phi_{112}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
82954	1310	246	$\frac{1}{41}$	$\frac{8}{123}$	$\frac{1}{3}$	$\frac{115}{246}$	$\Phi_{246}^{10}\ \Phi_{123}\ \Phi_{82}^{10}\ \Phi_{6}^{10}\ \Phi_{2}^{10}$
82955	1310	1224	$\frac{1}{17}$	$\frac{43}{612}$	$\frac{8}{51}$	$\frac{569}{1224}$	$\Phi_{1224}^{2}\ \Phi_{408}^{2}\ \Phi_{136}^{2}\ \Phi_{72}^{2}\ \Phi_{51}^{2}\ \Phi_{24}^{2}\ \Phi_{17}\ \Phi_{8}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
82956	1310	242	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{111}{242}$	$\Phi_{242}^{10}\ \Phi_{22}^{10}\ \Phi_{11}^{9}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
82957	1310	1584	$\frac{1}{12}$	$\frac{13}{144}$	$\frac{1}{11}$	$\frac{11}{24}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
82958	1310	2640	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{120}$	$\frac{109}{240}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{176}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
82959	1310	1188	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{61}{594}$	$\frac{533}{1188}$	$\Phi_{1188}^{2}\ \Phi_{396}^{2}\ \Phi_{132}^{2}\ \Phi_{108}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{36}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
82960	1310	585	$\frac{1}{65}$	$\frac{1}{9}$	$\frac{64}{195}$	$\frac{4}{9}$	$\Phi_{585}^{2}\ \Phi_{195}^{3}\ \Phi_{117}^{2}\ \Phi_{65}^{2}\ \Phi_{45}^{2}\ \Phi_{39}^{3}\ \Phi_{15}^{3}\ \Phi_{13}^{2}\ \Phi_{9}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
82961	1310	135	$\frac{4}{135}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{135}^{10}\ \Phi_{45}^{9}\ \Phi_{27}^{10}\ \Phi_{15}^{9}\ \Phi_{9}^{10}\ \Phi_{5}^{8}\ \Phi_{3}^{10}\ \Phi_{1}^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
82962	1310	468	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{25}{156}$	$\frac{4}{9}$	$\Phi_{468}^3\ \Phi_{234}^2\ \Phi_{156}^4\ \Phi_{117}^2\ \Phi_{78}^3\ \Phi_{52}^4\ \Phi_{39}^3\ \Phi_{36}^3\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_{12}^4\ \Phi_9^3\ \Phi_6^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
82963	1310	1260	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}^2\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{63}\ \Phi_{60}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_9\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
82964	1310	1287	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}^2\ \Phi_{99}\ \Phi_{33}\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
82965	1310	704	$\frac{49}{704}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{88}$	$\Phi_{704}^2\ \Phi_{352}^2\ \Phi_{176}^2\ \Phi_{64}^2\ \Phi_{44}^2\ \Phi_{32}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
82966	1310	231	$\frac{1}{77}$	$\frac{31}{231}$	$\frac{76}{231}$	$\frac{100}{231}$	$\Phi_{231}^6\ \Phi_{77}^5\ \Phi_{33}^6\ \Phi_{21}^6\ \Phi_{11}^5\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
82967	1310	231	$\frac{2}{77}$	$\frac{31}{231}$	$\frac{15}{77}$	$\frac{100}{231}$	$\Phi_{231}^5\ \Phi_{77}^7\ \Phi_{33}^5\ \Phi_{21}^5\ \Phi_{11}^7\ \Phi_7^7\ \Phi_3^5\ \Phi_1^8$
82968	1310	231	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{31}{231}$	$\frac{100}{231}$	$\Phi_{231}^5\ \Phi_{77}^5\ \Phi_{33}^{10}\ \Phi_{21}^5\ \Phi_{11}^9\ \Phi_7^5\ \Phi_3^{10}\ \Phi_1^{10}$
82969	1310	3444	$\frac{1}{82}$	$\frac{81}{574}$	$\frac{1}{3}$	$\frac{493}{1148}$	$\Phi_{3444}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{84}\ \Phi_{12}\ \Phi_6$
82970	1310	133	$\frac{2}{133}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{133}^{10}\ \Phi_{19}^{10}\ \Phi_7^7\ \Phi_1^8$
82971	1310	868	$\frac{4}{217}$	$\frac{1}{7}$	$\frac{213}{868}$	$\frac{3}{7}$	$\Phi_{868}^2\ \Phi_{434}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
82972	1310	672	$\frac{17}{672}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
82973	1310	714	$\frac{1}{17}$	$\frac{59}{714}$	$\frac{8}{51}$	$\frac{43}{102}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{51}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{17}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^2$
82974	1310	924	$\frac{1}{77}$	$\frac{38}{231}$	$\frac{269}{924}$	$\frac{193}{462}$	$\Phi_{924}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{77}\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_7\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
82975	1310	136	$\frac{5}{136}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{136}^{10}\ \Phi_{68}^{10}\ \Phi_{34}^{10}\ \Phi_{17}^7\ \Phi_8^{10}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^8$
82976	1310	221	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{41}{221}$	$\frac{90}{221}$	$\Phi_{221}^6\ \Phi_{17}^5\ \Phi_{13}^6\ \Phi_1^6$
82977	1310	220	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{21}{110}$	$\frac{89}{220}$	$\Phi_{220}^{10}\ \Phi_{44}^{10}\ \Phi_{22}^{10}\ \Phi_{20}^{10}\ \Phi_{11}^9\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{10}$
82978	1310	154	$\frac{2}{77}$	$\frac{23}{154}$	$\frac{15}{77}$	$\frac{31}{77}$	$\Phi_{154}^{10}\ \Phi_{77}^7\ \Phi_{22}^{10}\ \Phi_{14}^{10}\ \Phi_{11}^7\ \Phi_7^7\ \Phi_2^{10}\ \Phi_1^8$
82979	1310	187	$\frac{2}{187}$	$\frac{37}{187}$	$\frac{56}{187}$	$\frac{75}{187}$	$\Phi_{187}^7\ \Phi_{17}^7\ \Phi_{11}^7\ \Phi_1^8$
82980	1310	672	$\frac{17}{672}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
82981	1310	1071	$\frac{1}{119}$	$\frac{239}{1071}$	$\frac{118}{357}$	$\frac{416}{1071}$	$\Phi_{1071}\ \Phi_{357}^2\ \Phi_{153}\ \Phi_{119}\ \Phi_{63}\ \Phi_{51}^2\ \Phi_{21}^2\ \Phi_{17}\ \Phi_9\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
82982	1310	1056	$\frac{5}{132}$	$\frac{1}{11}$	$\frac{127}{528}$	$\frac{401}{1056}$	$\Phi_{1056}^2\ \Phi_{352}^2\ \Phi_{132}^2\ \Phi_{96}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{32}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
82983	1310	952	$\frac{1}{119}$	$\frac{59}{238}$	$\frac{297}{952}$	$\frac{179}{476}$	$\Phi_{952}^2\ \Phi_{238}^2\ \Phi_{136}^2\ \Phi_{119}\ \Phi_{56}^2\ \Phi_{34}^2\ \Phi_{17}\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
82984	1310	264	$\frac{1}{132}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{264}^8\ \Phi_{132}^2\ \Phi_{88}^8\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}^7\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^8\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
82985	1310	696	$\frac{1}{87}$	$\frac{43}{174}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{696}^3\ \Phi_{232}^3\ \Phi_{174}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{29}\ \Phi_{24}^3\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
82986	1310	1080	$\frac{4}{135}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{72}\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{15}^2\ \Phi_9\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
82987	1310	1160	$\frac{1}{29}$	$\frac{14}{145}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1160}^2\ \Phi_{232}\ \Phi_{145}^2\ \Phi_{40}^2\ \Phi_{29}\ \Phi_8^2\ \Phi_5^2\ \Phi_1^2$
82988	1310	1496	$\frac{5}{136}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{374}\ \Phi_{187}\ \Phi_{44}\ \Phi_{22}$
82989	1310	198	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{32}{99}$	$\frac{67}{198}$	$\Phi_{198}^{10}\ \Phi_{66}^{10}\ \Phi_{33}^{10}\ \Phi_{22}^{10}\ \Phi_{18}^{10}\ \Phi_{11}^9\ \Phi_6^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{10}$
82990	1310	987	$\frac{6}{329}$	$\frac{1}{7}$	$\frac{323}{987}$	$\frac{332}{987}$	$\Phi_{987}\ \Phi_{329}^2\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
82991	1310	984	$\frac{1}{164}$	$\frac{163}{492}$	$\frac{1}{3}$	$\frac{329}{984}$	$\Phi_{984}^2\ \Phi_{492}\ \Phi_{328}^2\ \Phi_{246}\ \Phi_{123}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_6$
82992	1310	390	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{64}{195}$	$\frac{1}{3}$	$\Phi_{390}^4\ \Phi_{195}^3\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{65}^2\ \Phi_{39}^3\ \Phi_{30}^4\ \Phi_{26}^4\ \Phi_{15}^3\ \Phi_{13}^2\ \Phi_{10}^4\ \Phi_6^6\ \Phi_5^2\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
82993	1310	738	$\frac{1}{41}$	$\frac{83}{738}$	$\frac{40}{123}$	$\frac{1}{3}$	$\Phi_{738}^2\ \Phi_{369}^2\ \Phi_{246}^2\ \Phi_{123}\ \Phi_{82}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_2^2$
82994	1310	192	$\frac{3}{64}$	$\frac{1}{16}$	$\frac{61}{192}$	$\frac{1}{3}$	$\Phi_{192}^5\ \Phi_{96}^5\ \Phi_{64}^{10}\ \Phi_{48}^6\ \Phi_{32}^{10}\ \Phi_{24}^6\ \Phi_{16}^{10}\ \Phi_{12}^6\ \Phi_8^{10}\ \Phi_6^6\ \Phi_4^{10}\ \Phi_3^5\ \Phi_2^{10}\ \Phi_1^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
82995	1310	672	$\frac{17}{672}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{672}^2\,\Phi_{336}^2\,\Phi_{224}^2\,\Phi_{168}^2\,\Phi_{112}^2\,\Phi_{96}^2\,\Phi_{84}^2\,\Phi_{56}^2\,\Phi_{48}^2\,\Phi_{42}^2\,\Phi_{32}^2\,\Phi_{28}^2\,\Phi_{24}\,\Phi_{21}^2\,\Phi_{16}^2\,\Phi_{14}^2\,\Phi_{12}\,\Phi_7^2\,\Phi_6$
82996	1310	864	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{209}{864}$	$\frac{1}{3}$	$\Phi_{864}^2\,\Phi_{432}^2\,\Phi_{288}^2\,\Phi_{144}^2\,\Phi_{96}^2\,\Phi_{48}^2\,\Phi_{32}^2\,\Phi_{24}\,\Phi_{16}^2\,\Phi_{12}\,\Phi_6$
82997	1310	2112	$\frac{1}{16}$	$\frac{49}{704}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{2112}\,\Phi_{1056}\,\Phi_{528}\,\Phi_{264}\,\Phi_{132}\,\Phi_{66}\,\Phi_{48}\,\Phi_{33}\,\Phi_{24}\,\Phi_{12}\,\Phi_6$
82998	1310	492	$\frac{1}{41}$	$\frac{8}{41}$	$\frac{33}{164}$	$\frac{1}{3}$	$\Phi_{492}^5\,\Phi_{246}^5\,\Phi_{123}\,\Phi_{12}^5\,\Phi_6^5$
82999	1310	270	$\frac{4}{135}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{270}^6\,\Phi_{135}^4\,\Phi_{90}^6\,\Phi_{54}^6\,\Phi_{45}^4\,\Phi_{30}^4\,\Phi_{27}^4\,\Phi_{18}^6\,\Phi_{15}^3\,\Phi_{10}^4\,\Phi_9^4\,\Phi_6^6\,\Phi_5^2\,\Phi_3^4\,\Phi_2^6\,\Phi_1^4$
83000	1310	144	$\frac{1}{16}$	$\frac{13}{144}$	$\frac{3}{16}$	$\frac{1}{3}$	$\Phi_{144}^{10}\,\Phi_{72}^{10}\,\Phi_{48}^6\,\Phi_{36}^{10}\,\Phi_{24}^6\,\Phi_{18}^{10}\,\Phi_{16}^{10}\,\Phi_{12}^6\,\Phi_9^{10}\,\Phi_8^{10}\,\Phi_6^6\,\Phi_4^{10}\,\Phi_3^5\,\Phi_2^{10}\,\Phi_1^{10}$
83001	1310	480	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{29}{160}$	$\frac{1}{3}$	$\Phi_{480}^5\,\Phi_{240}^5\,\Phi_{120}^5\,\Phi_{60}^5\,\Phi_{48}\,\Phi_{30}^5\,\Phi_{24}\,\Phi_{15}^5\,\Phi_{12}\,\Phi_6$
83002	1310	156	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{156}^{10}\,\Phi_{78}^7\,\Phi_{52}^{10}\,\Phi_{39}^7\,\Phi_{26}^6\,\Phi_{13}^6\,\Phi_{12}^{10}\,\Phi_6^9\,\Phi_4^{10}\,\Phi_3^8\,\Phi_2^8\,\Phi_1^8$
83003	1310	420	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{420}^3\,\Phi_{210}^3\,\Phi_{140}^4\,\Phi_{105}^3\,\Phi_{84}^3\,\Phi_{70}^4\,\Phi_{60}^3\,\Phi_{42}^3\,\Phi_{35}^4\,\Phi_{28}^4\,\Phi_{21}^3\,\Phi_{20}^4\,\Phi_{14}^4\,\Phi_{12}^3\,\Phi_7^4\,\Phi_6^2\,\Phi_4^4\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
83004	1310	858	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{858}^2\,\Phi_{429}\,\Phi_{286}^2\,\Phi_{143}^2\,\Phi_{66}^2\,\Phi_{33}\,\Phi_{22}^2\,\Phi_{11}^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
83005	1310	768	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{113}{768}$	$\frac{1}{3}$	$\Phi_{768}^2\,\Phi_{384}\,\Phi_{256}^2\,\Phi_{192}\,\Phi_{128}^2\,\Phi_{96}\,\Phi_{64}^2\,\Phi_{48}^2\,\Phi_{32}^2\,\Phi_{24}^2\,\Phi_{16}^2\,\Phi_{12}^2\,\Phi_8^2\,\Phi_6^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
83006	1310	144	$\frac{13}{144}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{144}^{10}\,\Phi_{72}^8\,\Phi_{48}^{10}\,\Phi_{36}^8\,\Phi_{24}^9\,\Phi_{18}^8\,\Phi_{16}^{10}\,\Phi_{12}^9\,\Phi_9^8\,\Phi_8^8\,\Phi_6^9\,\Phi_4^8\,\Phi_3^8\,\Phi_2^8\,\Phi_1^8$
83007	1310	966	$\frac{11}{322}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{311}{966}$	$\Phi_{966}^2\,\Phi_{483}^2\,\Phi_{138}^2\,\Phi_{69}^2\,\Phi_{42}^2\,\Phi_{21}^2\,\Phi_{14}^2\,\Phi_7\,\Phi_6^2\,\Phi_3^2\,\Phi_2^2\,\Phi_1^2$
83008	1310	2112	$\frac{3}{64}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{61}{192}$	$\Phi_{2112}\,\Phi_{1056}\,\Phi_{528}\,\Phi_{264}\,\Phi_{132}\,\Phi_{66}\,\Phi_{44}\,\Phi_{33}\,\Phi_{22}$
83009	1310	153	$\frac{1}{17}$	$\frac{7}{51}$	$\frac{22}{153}$	$\frac{16}{51}$	$\Phi_{153}^{10}\,\Phi_{51}^6\,\Phi_{17}^5\,\Phi_9^{10}\,\Phi_3^6\,\Phi_1^6$
83010	1310	792	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{137}{792}$	$\frac{61}{198}$	$\Phi_{792}^2\,\Phi_{396}^2\,\Phi_{264}^2\,\Phi_{132}^2\,\Phi_{88}^2\,\Phi_{72}^2\,\Phi_{66}^2\,\Phi_{44}^2\,\Phi_{36}^2\,\Phi_{33}^2\,\Phi_{24}^2\,\Phi_{22}^2\,\Phi_{12}^2\,\Phi_{11}\,\Phi_8^2\,\Phi_6^2\,\Phi_4^2\,\Phi_3^2\,\Phi_2^2\,\Phi_1^2$
83011	1310	858	$\frac{23}{429}$	$\frac{1}{11}$	$\frac{203}{858}$	$\frac{10}{33}$	$\Phi_{858}^2\,\Phi_{429}\,\Phi_{286}^2\,\Phi_{143}\,\Phi_{78}^2\,\Phi_{66}^2\,\Phi_{39}\,\Phi_{33}^2\,\Phi_{26}^2\,\Phi_{22}^2\,\Phi_{13}\,\Phi_{11}\,\Phi_6^2\,\Phi_3^2\,\Phi_2^2\,\Phi_1^2$
83012	1310	693	$\frac{38}{693}$	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{693}^2\,\Phi_{231}^2\,\Phi_{99}\,\Phi_{77}^2\,\Phi_{63}^2\,\Phi_{33}^2\,\Phi_{21}^2\,\Phi_{11}\,\Phi_9\,\Phi_7^2\,\Phi_3^2\,\Phi_1^2$
83013	1310	187	$\frac{12}{187}$	$\frac{19}{187}$	$\frac{35}{187}$	$\frac{56}{187}$	$\Phi_{187}^7\,\Phi_{17}^7\,\Phi_{11}^7\,\Phi_1^8$
83014	1310	924	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{308}$	$\frac{269}{924}$	$\Phi_{924}^2\,\Phi_{462}^2\,\Phi_{231}^2\,\Phi_{132}^2\,\Phi_{84}^2\,\Phi_{66}^2\,\Phi_{44}^2\,\Phi_{42}^2\,\Phi_{33}^2\,\Phi_{22}^2\,\Phi_{21}^2\,\Phi_{12}^2\,\Phi_{11}\,\Phi_6^2\,\Phi_4^2\,\Phi_3^2\,\Phi_2^2\,\Phi_1^2$
83015	1310	918	$\frac{1}{17}$	$\frac{43}{306}$	$\frac{8}{51}$	$\frac{263}{918}$	$\Phi_{918}^2\,\Phi_{459}^2\,\Phi_{54}^2\,\Phi_{51}^2\,\Phi_{27}^2\,\Phi_{17}\,\Phi_3^2\,\Phi_1^2$
83016	1310	153	$\frac{1}{17}$	$\frac{22}{153}$	$\frac{8}{51}$	$\frac{43}{153}$	$\Phi_{153}^8\,\Phi_{51}^{10}\,\Phi_{17}^9\,\Phi_9^8\,\Phi_3^{10}\,\Phi_1^{10}$
83017	1310	1584	$\frac{13}{144}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1584}\,\Phi_{792}\,\Phi_{528}\,\Phi_{396}\,\Phi_{264}\,\Phi_{176}\,\Phi_{132}\,\Phi_{88}\,\Phi_{66}\,\Phi_{44}\,\Phi_{33}\,\Phi_{22}$
83018	1310	1980	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{60}$	$\frac{49}{180}$	$\Phi_{1980}\,\Phi_{990}\,\Phi_{495}\,\Phi_{396}\,\Phi_{198}\,\Phi_{132}\,\Phi_{99}\,\Phi_{66}\,\Phi_{44}\,\Phi_{33}\,\Phi_{22}$
83019	1310	1584	$\frac{13}{144}$	$\frac{1}{11}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1584}\,\Phi_{792}\,\Phi_{528}\,\Phi_{396}\,\Phi_{264}\,\Phi_{198}\,\Phi_{132}\,\Phi_{99}\,\Phi_{66}\,\Phi_{44}\,\Phi_{33}\,\Phi_{22}$
83020	1310	1760	$\frac{1}{11}$	$\frac{3}{32}$	$\frac{29}{160}$	$\frac{1}{4}$	$\Phi_{1760}\,\Phi_{880}\,\Phi_{440}\,\Phi_{220}\,\Phi_{110}\,\Phi_{55}\,\Phi_{44}\,\Phi_{22}$
83021	1310	170	$\frac{7}{85}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{39}{170}$	$\Phi_{170}^{10}\,\Phi_{85}^5\,\Phi_{34}^{10}\,\Phi_{17}^7\,\Phi_{10}^{10}\,\Phi_5^5\,\Phi_2^{10}\,\Phi_1^8$
83022	1310	1848	$\frac{1}{11}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{168}$	$\Phi_{1848}\,\Phi_{924}\,\Phi_{616}\,\Phi_{308}\,\Phi_{264}\,\Phi_{132}\,\Phi_{88}\,\Phi_{66}\,\Phi_{44}\,\Phi_{33}\,\Phi_{22}$
83023	1310	816	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{161}{816}$	$\frac{43}{204}$	$\Phi_{816}^2\,\Phi_{408}^2\,\Phi_{272}^2\,\Phi_{136}^2\,\Phi_{51}^2\,\Phi_{48}^2\,\Phi_{24}^2\,\Phi_{17}\,\Phi_{16}^2\,\Phi_8^2\,\Phi_3^2\,\Phi_1^2$
83024	1310	153	$\frac{2}{17}$	$\frac{7}{51}$	$\frac{22}{153}$	$\frac{3}{17}$	$\Phi_{153}^{10}\,\Phi_{51}^5\,\Phi_{17}^7\,\Phi_9^{10}\,\Phi_3^5\,\Phi_1^8$
83025	1311	2096	$\frac{1}{262}$	$\frac{263}{1048}$	$\frac{785}{2096}$	$\frac{261}{524}$	$\Phi_{2096}\,\Phi_{524}\,\Phi_{16}\,\Phi_4\,\Phi_1$
83026	1311	1740	$\frac{2}{435}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{433}{870}$	$\Phi_{1740}\,\Phi_{580}\,\Phi_{435}\,\Phi_{348}\,\Phi_{145}\,\Phi_{116}\,\Phi_{87}\,\Phi_{60}\,\Phi_{29}\,\Phi_{20}\,\Phi_{15}\,\Phi_{12}^2\,\Phi_6\,\Phi_5\,\Phi_4\,\Phi_3\,\Phi_1$
83027	1311	584	$\frac{1}{146}$	$\frac{1}{4}$	$\frac{147}{584}$	$\frac{145}{292}$	$\Phi_{584}^3\,\Phi_{292}^2\,\Phi_{146}\,\Phi_{73}\,\Phi_8^3\,\Phi_4\,\Phi_1$
83028	1311	2600	$\frac{11}{1300}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1289}{2600}$	$\Phi_{2600}\,\Phi_{520}\,\Phi_{200}\,\Phi_{104}\,\Phi_{40}\,\Phi_{20}\,\Phi_8\,\Phi_4\,\Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
83029	1311	864	$\frac{5}{432}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{427}{864}$	$\Phi_{864}^{3}\ \Phi_{288}^{3}\ \Phi_{96}^{3}\ \Phi_{32}^{3}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
83030	1311	1224	$\frac{1}{68}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{67}{136}$	$\Phi_{1224}^{2}\ \Phi_{408}^{2}\ \Phi_{136}^{3}\ \Phi_{72}^{2}\ \Phi_{36}\ \Phi_{24}^{2}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
83031	1311	2856	$\frac{1}{68}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{67}{136}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{168}\ \Phi_{136}\ \Phi_{56}\ \Phi_{21}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
83032	1311	3672	$\frac{1}{68}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{67}{136}$	$\Phi_{3672}\ \Phi_{216}\ \Phi_{136}\ \Phi_{27}\ \Phi_{8}\ \Phi_{1}$
83033	1311	408	$\frac{1}{68}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{67}{136}$	$\Phi_{408}^{2}\ \Phi_{204}^{4}\ \Phi_{136}^{3}\ \Phi_{102}^{4}\ \Phi_{68}^{4}\ \Phi_{51}^{4}\ \Phi_{34}^{4}\ \Phi_{24}^{3}\ \Phi_{17}^{4}\ \Phi_{12}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
83034	1311	860	$\frac{7}{430}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{423}{860}$	$\Phi_{860}^{3}\ \Phi_{172}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
83035	1311	1232	$\frac{1}{56}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{55}{112}$	$\Phi_{1232}^{2}\ \Phi_{176}^{2}\ \Phi_{112}^{3}\ \Phi_{44}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
83036	1311	3696	$\frac{1}{56}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{55}{112}$	$\Phi_{3696}\ \Phi_{528}\ \Phi_{336}\ \Phi_{112}\ \Phi_{48}\ \Phi_{33}\ \Phi_{16}\ \Phi_{3}\ \Phi_{1}$
83037	1311	1760	$\frac{9}{440}$	$\frac{1}{10}$	$\frac{449}{1760}$	$\frac{431}{880}$	$\Phi_{1760}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{32}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
83038	1311	2560	$\frac{31}{1280}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1249}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
83039	1311	840	$\frac{17}{420}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{403}{840}$	$\Phi_{840}^{3}\ \Phi_{280}^{3}\ \Phi_{168}^{3}\ \Phi_{120}^{3}\ \Phi_{56}^{3}\ \Phi_{40}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
83040	1311	308	$\frac{1}{28}$	$\frac{1}{22}$	$\frac{9}{28}$	$\frac{21}{44}$	$\Phi_{308}^{4}\ \Phi_{154}^{4}\ \Phi_{77}^{4}\ \Phi_{44}^{5}\ \Phi_{28}^{6}\ \Phi_{22}^{4}\ \Phi_{14}^{6}\ \Phi_{11}^{4}\ \Phi_{7}^{6}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
83041	1311	220	$\frac{1}{22}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{220}^{6}\ \Phi_{110}^{6}\ \Phi_{55}^{6}\ \Phi_{44}^{5}\ \Phi_{22}^{4}\ \Phi_{20}^{9}\ \Phi_{11}^{4}\ \Phi_{10}^{9}\ \Phi_{5}^{9}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
83042	1311	1540	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{21}{44}$	$\Phi_{1540}^{2}\ \Phi_{220}^{2}\ \Phi_{140}^{2}\ \Phi_{70}\ \Phi_{44}\ \Phi_{35}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
83043	1311	924	$\frac{1}{22}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{21}{44}$	$\Phi_{924}^{3}\ \Phi_{308}^{2}\ \Phi_{132}^{3}\ \Phi_{84}^{3}\ \Phi_{44}^{3}\ \Phi_{28}^{2}\ \Phi_{21}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
83044	1311	704	$\frac{1}{22}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{21}{44}$	$\Phi_{704}^{2}\ \Phi_{352}^{2}\ \Phi_{176}^{2}\ \Phi_{64}^{3}\ \Phi_{44}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
83045	1311	612	$\frac{1}{34}$	$\frac{1}{18}$	$\frac{11}{34}$	$\frac{17}{36}$	$\Phi_{612}^{4}\ \Phi_{204}^{4}\ \Phi_{68}^{4}\ \Phi_{36}^{5}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{12}^{5}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
83046	1311	72	$\frac{1}{24}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{72}^{18}\ \Phi_{36}^{17}\ \Phi_{24}^{21}\ \Phi_{18}^{16}\ \Phi_{12}^{20}\ \Phi_{9}^{16}\ \Phi_{8}^{21}\ \Phi_{6}^{19}\ \Phi_{4}^{19}\ \Phi_{3}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
83047	1311	3060	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{17}{36}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{340}\ \Phi_{180}\ \Phi_{85}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
83048	1311	260	$\frac{1}{20}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{260}^{5}\ \Phi_{130}^{4}\ \Phi_{65}^{5}\ \Phi_{52}^{5}\ \Phi_{26}^{4}\ \Phi_{20}^{9}\ \Phi_{13}^{5}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
83049	1311	140	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{140}^{10}\ \Phi_{70}^{10}\ \Phi_{35}^{10}\ \Phi_{28}^{8}\ \Phi_{20}^{9}\ \Phi_{14}^{7}\ \Phi_{10}^{9}\ \Phi_{7}^{7}\ \Phi_{5}^{9}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
83050	1311	480	$\frac{3}{40}$	$\frac{43}{480}$	$\frac{1}{10}$	$\frac{37}{80}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{3}\ \Phi_{120}^{3}\ \Phi_{96}^{3}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
83051	1311	2420	$\frac{9}{110}$	$\frac{101}{1210}$	$\frac{1}{10}$	$\frac{1109}{2420}$	$\Phi_{2420}\ \Phi_{484}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
83052	1311	800	$\frac{3}{40}$	$\frac{37}{400}$	$\frac{1}{10}$	$\frac{363}{800}$	$\Phi_{800}^{3}\ \Phi_{160}^{3}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
83053	1311	1218	$\frac{1}{58}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{406}\ \Phi_{203}\ \Phi_{174}^{2}\ \Phi_{87}^{2}\ \Phi_{58}\ \Phi_{29}\ \Phi_{21}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
83054	1311	420	$\frac{1}{20}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{4}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{70}^{4}\ \Phi_{60}^{3}\ \Phi_{35}^{4}\ \Phi_{30}^{3}\ \Phi_{28}^{4}\ \Phi_{21}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{14}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
83055	1311	520	$\frac{11}{260}$	$\frac{1}{10}$	$\frac{83}{520}$	$\frac{9}{20}$	$\Phi_{520}^{3}\ \Phi_{260}^{2}\ \Phi_{130}^{2}\ \Phi_{104}^{3}\ \Phi_{65}^{2}\ \Phi_{52}^{2}\ \Phi_{40}^{3}\ \Phi_{26}^{2}\ \Phi_{20}^{3}\ \Phi_{13}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
83056	1311	80	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{80}^{19}\ \Phi_{40}^{19}\ \Phi_{20}^{9}\ \Phi_{16}^{19}\ \Phi_{10}^{8}\ \Phi_{8}^{19}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
83057	1311	1400	$\frac{89}{1400}$	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{9}{20}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
83058	1311	928	$\frac{1}{58}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{928}^{2}\ \Phi_{232}^{2}\ \Phi_{116}^{2}\ \Phi_{58}\ \Phi_{32}\ \Phi_{29}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
83059	1311	1160	$\frac{1}{58}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1160}^{2}\ \Phi_{232}^{2}\ \Phi_{116}^{2}\ \Phi_{58}\ \Phi_{40}\ \Phi_{29}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
83060	1311	40	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{40}^{57}\ \Phi_{20}^{9}\ \Phi_{10}^{8}\ \Phi_{8}^{57}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
83061	1311	444	$\frac{7}{444}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{444}^{3}\ \Phi_{222}^{3}\ \Phi_{148}^{3}\ \Phi_{111}^{3}\ \Phi_{74}^{3}\ \Phi_{37}^{3}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
83062	1311	1120	$\frac{1}{70}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1120}^{2}\ \Phi_{224}^{2}\ \Phi_{160}^{2}\ \Phi_{140}^{2}\ \Phi_{70}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
83063	1311	2200	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{211}{1100}$	$\frac{889}{2200}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{220}\ \Phi_{200}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
83064	1311	1460	$\frac{1}{73}$	$\frac{72}{365}$	$\frac{1}{4}$	$\frac{293}{730}$	$\Phi_{1460}\ \Phi_{365}\ \Phi_{292}^2\ \Phi_{146}\ \Phi_{73}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
83065	1311	1360	$\frac{49}{1360}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{272}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{68}\ \Phi_{40}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_8\ \Phi_4\ \Phi_1$
83066	1311	560	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{560}^4\ \Phi_{140}^2\ \Phi_{112}^3\ \Phi_{80}^4\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
83067	1311	840	$\frac{1}{70}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
83068	1311	210	$\frac{1}{70}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{210}^5\ \Phi_{105}^5\ \Phi_{70}^9\ \Phi_{42}^5\ \Phi_{35}^9\ \Phi_{30}^4\ \Phi_{21}^5\ \Phi_{15}^5\ \Phi_{14}^9\ \Phi_{10}^8\ \Phi_7^9\ \Phi_6^4\ \Phi_5^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^9$
83069	1311	1044	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1044}^2\ \Phi_{348}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}^2\ \Phi_{58}\ \Phi_{36}\ \Phi_{29}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
83070	1311	660	$\frac{3}{110}$	$\frac{1}{10}$	$\frac{107}{330}$	$\frac{223}{660}$	$\Phi_{660}^3\ \Phi_{220}^3\ \Phi_{132}^3\ \Phi_{110}^3\ \Phi_{60}^3\ \Phi_{55}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
83071	1311	655	$\frac{4}{655}$	$\frac{217}{655}$	$\frac{218}{655}$	$\frac{219}{655}$	$\Phi_{655}^2\ \Phi_{131}^2\ \Phi_5^2\ \Phi_1^3$
83072	1311	714	$\frac{1}{34}$	$\frac{2}{21}$	$\frac{11}{34}$	$\frac{1}{3}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{42}^2\ \Phi_{34}^2\ \Phi_{21}^3\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_7^3\ \Phi_2^2\ \Phi_1^3$
83073	1311	1044	$\frac{2}{87}$	$\frac{85}{522}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1044}^2\ \Phi_{522}\ \Phi_{348}\ \Phi_{261}\ \Phi_{116}\ \Phi_{87}\ \Phi_{36}^2\ \Phi_{29}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
83074	1311	900	$\frac{13}{450}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}\ \Phi_{300}^2\ \Phi_{225}\ \Phi_{180}^2\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
83075	1311	168	$\frac{1}{24}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^9\ \Phi_{84}^8\ \Phi_{56}^9\ \Phi_{42}^8\ \Phi_{28}^8\ \Phi_{24}^3\ \Phi_{21}^9\ \Phi_{14}^8\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^9\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
83076	1311	1785	$\frac{1}{17}$	$\frac{2}{21}$	$\frac{16}{85}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{105}\ \Phi_{85}\ \Phi_{35}\ \Phi_{21}\ \Phi_7\ \Phi_5\ \Phi_1$
83077	1311	648	$\frac{5}{216}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{211}{648}$	$\Phi_{648}^3\ \Phi_{324}^3\ \Phi_{162}^3\ \Phi_{81}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
83078	1311	918	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{11}{34}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{54}^2\ \Phi_{34}^2\ \Phi_{27}^3\ \Phi_{17}^2\ \Phi_2^2\ \Phi_1^3$
83079	1311	408	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{11}{34}$	$\Phi_{408}^4\ \Phi_{204}^4\ \Phi_{136}^4\ \Phi_{68}^4\ \Phi_{34}^2\ \Phi_{24}^5\ \Phi_{17}^2\ \Phi_{12}^5\ \Phi_8^5\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
83080	1311	924	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{9}{28}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{231}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}^3\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
83081	1311	640	$\frac{31}{640}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{203}{640}$	$\Phi_{640}^2\ \Phi_{320}^2\ \Phi_{160}^2\ \Phi_{128}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
83082	1311	275	$\frac{4}{55}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{17}{55}$	$\Phi_{275}^5\ \Phi_{55}^3\ \Phi_{25}^7\ \Phi_{11}^3\ \Phi_5^4\ \Phi_1^5$
83083	1311	660	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{165}^3\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{60}^3\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
83084	1311	2310	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{70}$	$\frac{10}{33}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{105}\ \Phi_{70}\ \Phi_{35}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$
83085	1311	231	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{10}{33}$	$\Phi_{231}^5\ \Phi_{77}^6\ \Phi_{33}^6\ \Phi_{21}^8\ \Phi_{11}^6\ \Phi_7^8\ \Phi_3^9\ \Phi_1^9$
83086	1311	2112	$\frac{1}{11}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{10}{33}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{16}\ \Phi_3\ \Phi_1$
83087	1311	60	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{60}^{30}\ \Phi_{30}^{27}\ \Phi_{20}^9\ \Phi_{15}^{27}\ \Phi_{12}^{30}\ \Phi_{10}^8\ \Phi_6^{27}\ \Phi_5^8\ \Phi_4^9\ \Phi_3^{27}\ \Phi_2^8\ \Phi_1^9$
83088	1311	216	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{216}^9\ \Phi_{108}^8\ \Phi_{54}^8\ \Phi_{27}^9\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
83089	1311	2295	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{16}{85}$	$\frac{8}{27}$	$\Phi_{2295}\ \Phi_{135}\ \Phi_{85}\ \Phi_{27}\ \Phi_5\ \Phi_1$
83090	1311	140	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{140}^{10}\ \Phi_{70}^{10}\ \Phi_{35}^{10}\ \Phi_{28}^7\ \Phi_{20}^9\ \Phi_{14}^7\ \Phi_{10}^9\ \Phi_7^9\ \Phi_5^9\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
83091	1311	480	$\frac{43}{480}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{60}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
83092	1311	900	$\frac{13}{450}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{900}^2\ \Phi_{450}\ \Phi_{300}^2\ \Phi_{225}\ \Phi_{180}^2\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{50}\ \Phi_{45}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
83093	1311	600	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{37}{200}$	$\frac{163}{600}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_6^3\ \Phi_5^2\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
83094	1311	576	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{139}{576}$	$\frac{1}{4}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
83095	1311	24	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{24}^{54}\ \Phi_{12}^{56}\ \Phi_{8}^{54}\ \Phi_{6}^{55}\ \Phi_{4}^{55}\ \Phi_{3}^{55}\ \Phi_{2}^{54}\ \Phi_{1}^{55}$
83096	1311	540	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{103}{540}$	$\frac{1}{4}$	$\Phi_{540}^{3}\ \Phi_{270}^{3}\ \Phi_{180}^{3}\ \Phi_{135}^{3}\ \Phi_{90}^{3}\ \Phi_{60}^{3}\ \Phi_{45}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{6}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
83097	1311	468	$\frac{31}{468}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{156}^{3}\ \Phi_{117}^{3}\ \Phi_{78}^{3}\ \Phi_{52}^{3}\ \Phi_{39}^{3}\ \Phi_{26}^{3}\ \Phi_{13}^{3}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
83098	1311	504	$\frac{5}{72}$	$\frac{67}{504}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{504}^{3}\ \Phi_{252}^{3}\ \Phi_{168}^{3}\ \Phi_{126}^{3}\ \Phi_{84}^{3}\ \Phi_{63}^{3}\ \Phi_{56}^{3}\ \Phi_{42}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{7}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
83099	1311	480	$\frac{43}{480}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{3}\ \Phi_{120}^{3}\ \Phi_{96}^{3}\ \Phi_{80}^{3}\ \Phi_{60}^{3}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{6}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
83100	1311	972	$\frac{5}{54}$	$\frac{49}{486}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{972}^{2}\ \Phi_{486}\ \Phi_{324}^{2}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
83101	1311	480	$\frac{43}{480}$	$\frac{1}{10}$	$\frac{31}{160}$	$\frac{9}{40}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{2}\ \Phi_{120}^{3}\ \Phi_{96}^{3}\ \Phi_{80}^{2}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{40}^{3}\ \Phi_{32}^{2}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
83102	1311	1600	$\frac{31}{320}$	$\frac{1}{10}$	$\frac{289}{1600}$	$\frac{9}{40}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
83103	1311	560	$\frac{1}{10}$	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{123}{560}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{112}^{3}\ \Phi_{80}^{3}\ \Phi_{56}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
83104	1311	2040	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{16}{85}$	$\frac{5}{24}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{340}\ \Phi_{120}\ \Phi_{85}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
83105	1312	327	$\frac{1}{327}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{163}{327}$	$\Phi_{327}^{4}\ \Phi_{109}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
83106	1312	1311	$\frac{5}{1311}$	$\frac{329}{1311}$	$\frac{491}{1311}$	$\frac{653}{1311}$	$\Phi_{1311}\ \Phi_{437}\ \Phi_{69}\ \Phi_{57}\ \Phi_{23}\ \Phi_{19}\ \Phi_{3}\ \Phi_{1}^{2}$
83107	1312	219	$\frac{1}{219}$	$\frac{55}{219}$	$\frac{1}{3}$	$\frac{109}{219}$	$\Phi_{219}^{6}\ \Phi_{73}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
83108	1312	1305	$\frac{7}{1305}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{649}{1305}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{145}\ \Phi_{87}\ \Phi_{45}\ \Phi_{29}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
83109	1312	1141	$\frac{1}{163}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{81}{163}$	$\Phi_{1141}\ \Phi_{163}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
83110	1312	2445	$\frac{1}{163}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{81}{163}$	$\Phi_{2445}\ \Phi_{15}^{2}$
83111	1312	437	$\frac{3}{437}$	$\frac{55}{437}$	$\frac{191}{437}$	$\frac{217}{437}$	$\Phi_{437}^{3}\ \Phi_{23}^{3}\ \Phi_{19}^{3}\ \Phi_{1}^{4}$
83112	1312	437	$\frac{3}{437}$	$\frac{109}{437}$	$\frac{110}{437}$	$\frac{217}{437}$	$\Phi_{437}^{3}\ \Phi_{23}^{3}\ \Phi_{19}^{3}\ \Phi_{1}^{4}$
83113	1312	1645	$\frac{3}{329}$	$\frac{1}{5}$	$\frac{83}{329}$	$\frac{163}{329}$	$\Phi_{1645}\ \Phi_{235}\ \Phi_{35}$
83114	1312	1311	$\frac{13}{1311}$	$\frac{245}{1311}$	$\frac{331}{1311}$	$\frac{649}{1311}$	$\Phi_{1311}\ \Phi_{437}\ \Phi_{69}\ \Phi_{57}\ \Phi_{23}\ \Phi_{19}\ \Phi_{3}\ \Phi_{1}^{2}$
83115	1312	657	$\frac{7}{657}$	$\frac{83}{657}$	$\frac{1}{3}$	$\frac{325}{657}$	$\Phi_{657}^{2}\ \Phi_{219}^{2}\ \Phi_{73}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
83116	1312	405	$\frac{1}{81}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{40}{81}$	$\Phi_{405}^{3}\ \Phi_{135}^{3}\ \Phi_{81}^{4}\ \Phi_{45}^{3}\ \Phi_{27}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
83117	1312	81	$\frac{1}{81}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{40}{81}$	$\Phi_{81}^{16}\ \Phi_{27}^{16}\ \Phi_{9}^{18}\ \Phi_{3}^{17}\ \Phi_{1}^{18}$
83118	1312	405	$\frac{1}{81}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{40}{81}$	$\Phi_{405}^{3}\ \Phi_{135}^{3}\ \Phi_{81}^{4}\ \Phi_{45}^{3}\ \Phi_{27}^{4}\ \Phi_{15}^{3}\ \Phi_{9}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
83119	1312	1311	$\frac{17}{1311}$	$\frac{83}{1311}$	$\frac{614}{1311}$	$\frac{647}{1311}$	$\Phi_{1311}\ \Phi_{437}\ \Phi_{69}\ \Phi_{57}\ \Phi_{23}\ \Phi_{19}\ \Phi_{3}\ \Phi_{1}^{2}$
83120	1312	1095	$\frac{1}{73}$	$\frac{37}{365}$	$\frac{1}{3}$	$\frac{36}{73}$	$\Phi_{1095}^{2}\ \Phi_{219}\ \Phi_{15}^{2}$
83121	1312	621	$\frac{1}{69}$	$\frac{35}{621}$	$\frac{293}{621}$	$\frac{34}{69}$	$\Phi_{621}^{2}\ \Phi_{207}^{2}\ \Phi_{69}^{3}\ \Phi_{27}^{2}\ \Phi_{23}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
83122	1312	207	$\frac{1}{69}$	$\frac{35}{207}$	$\frac{43}{207}$	$\frac{34}{69}$	$\Phi_{207}^{6}\ \Phi_{69}^{7}\ \Phi_{23}^{7}\ \Phi_{9}^{6}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
83123	1312	323	$\frac{5}{323}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{159}{323}$	$\Phi_{323}^{4}\ \Phi_{19}^{5}\ \Phi_{17}^{4}\ \Phi_{1}^{6}$
83124	1312	323	$\frac{5}{323}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{159}{323}$	$\Phi_{323}^{4}\ \Phi_{19}^{5}\ \Phi_{17}^{4}\ \Phi_{1}^{6}$
83125	1312	627	$\frac{1}{57}$	$\frac{29}{627}$	$\frac{299}{627}$	$\frac{28}{57}$	$\Phi_{627}^{2}\ \Phi_{209}^{2}\ \Phi_{57}^{3}\ \Phi_{33}^{2}\ \Phi_{19}^{3}\ \Phi_{11}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
83126	1312	495	$\frac{1}{55}$	$\frac{1}{9}$	$\frac{14}{55}$	$\frac{27}{55}$	$\Phi_{495}^{3}\ \Phi_{165}^{3}\ \Phi_{99}^{3}\ \Phi_{45}^{3}\ \Phi_{33}^{3}\ \Phi_{15}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{2}$
83127	1312	161	$\frac{3}{161}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{79}{161}$	$\Phi_{161}^{8}\ \Phi_{23}^{9}\ \Phi_{7}^{8}\ \Phi_{1}^{10}$
83128	1312	161	$\frac{3}{161}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{79}{161}$	$\Phi_{161}^{8}\ \Phi_{23}^{9}\ \Phi_{7}^{8}\ \Phi_{1}^{10}$
83129	1312	805	$\frac{3}{161}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{79}{161}$	$\Phi_{805}^{2}\ \Phi_{115}^{2}\ \Phi_{35}^{3}\ \Phi_{5}^{2}$
83130	1312	1311	$\frac{25}{1311}$	$\frac{167}{1311}$	$\frac{286}{1311}$	$\frac{643}{1311}$	$\Phi_{1311}\ \Phi_{437}\ \Phi_{69}\ \Phi_{57}\ \Phi_{23}\ \Phi_{19}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
83131	1312	235	$\frac{1}{47}$	$\frac{6}{47}$	$\frac{1}{5}$	$\frac{23}{47}$	$\Phi_{235}^{7}\ \Phi_{5}^{6}$
83132	1312	1311	$\frac{29}{1311}$	$\frac{122}{1311}$	$\frac{335}{1311}$	$\frac{641}{1311}$	$\Phi_{1311}\ \Phi_{437}\ \Phi_{69}\ \Phi_{57}\ \Phi_{23}\ \Phi_{19}\ \Phi_{3}\ \Phi_{1}^{2}$
83133	1312	219	$\frac{5}{219}$	$\frac{14}{219}$	$\frac{1}{3}$	$\frac{107}{219}$	$\Phi_{219}^{6}\ \Phi_{73}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
83134	1312	2480	$\frac{1}{40}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{39}{80}$	$\Phi_{2480}\ \Phi_{496}\ \Phi_{80}^{2}\ \Phi_{31}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
83135	1312	4080	$\frac{1}{40}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{4080}\ \Phi_{816}\ \Phi_{51}$
83136	1312	2480	$\frac{1}{40}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{39}{80}$	$\Phi_{2480}\ \Phi_{496}\ \Phi_{80}^{2}\ \Phi_{31}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
83137	1312	720	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{39}{80}$	$\Phi_{720}^{4}\ \Phi_{240}^{4}\ \Phi_{144}^{4}\ \Phi_{48}^{4}\ \Phi_{45}\ \Phi_{15}$
83138	1312	99	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{17}{99}$	$\frac{16}{33}$	$\Phi_{99}^{13}\ \Phi_{33}^{14}\ \Phi_{11}^{14}\ \Phi_{9}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
83139	1312	1860	$\frac{1}{31}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{15}{31}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{465}\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{60}^{2}\ \Phi_{31}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
83140	1312	1364	$\frac{1}{31}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{1364}\ \Phi_{682}\ \Phi_{341}\ \Phi_{44}^{2}\ \Phi_{31}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
83141	1312	1395	$\frac{1}{31}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{15}{31}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}\ \Phi_{93}\ \Phi_{45}^{2}\ \Phi_{31}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
83142	1312	1550	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{15}{31}$	$\Phi_{1550}\ \Phi_{775}\ \Phi_{50}^{2}\ \Phi_{31}\ \Phi_{25}^{2}\ \Phi_{1}^{2}$
83143	1312	1488	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{15}{31}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{48}^{2}\ \Phi_{31}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
83144	1312	483	$\frac{6}{161}$	$\frac{1}{23}$	$\frac{155}{483}$	$\frac{11}{23}$	$\Phi_{483}^{4}\ \Phi_{69}^{4}\ \Phi_{23}\ \Phi_{21}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
83145	1312	345	$\frac{1}{23}$	$\frac{17}{345}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{345}^{4}\ \Phi_{115}^{4}\ \Phi_{69}^{4}\ \Phi_{23}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
83146	1312	805	$\frac{1}{23}$	$\frac{12}{161}$	$\frac{149}{805}$	$\frac{11}{23}$	$\Phi_{805}^{2}\ \Phi_{115}^{2}\ \Phi_{35}^{2}\ \Phi_{23}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
83147	1312	46	$\frac{1}{23}$	$\frac{5}{46}$	$\frac{3}{23}$	$\frac{11}{23}$	$\Phi_{46}^{32}\ \Phi_{23}^{25}\ \Phi_{2}^{32}\ \Phi_{1}^{26}$
83148	1312	858	$\frac{1}{33}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{858}^{3}\ \Phi_{286}^{3}\ \Phi_{78}^{2}\ \Phi_{66}^{3}\ \Phi_{33}^{2}\ \Phi_{26}^{2}\ \Phi_{22}^{3}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
83149	1312	969	$\frac{10}{323}$	$\frac{1}{19}$	$\frac{313}{969}$	$\frac{9}{19}$	$\Phi_{969}^{2}\ \Phi_{57}^{2}\ \Phi_{51}^{2}\ \Phi_{19}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
83150	1312	171	$\frac{7}{171}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{171}^{8}\ \Phi_{57}^{8}\ \Phi_{19}^{5}\ \Phi_{9}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{6}$
83151	1312	1235	$\frac{1}{19}$	$\frac{77}{1235}$	$\frac{18}{95}$	$\frac{579}{1235}$	$\Phi_{1235}\ \Phi_{247}\ \Phi_{95}^{2}\ \Phi_{65}\ \Phi_{19}\ \Phi_{13}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
83152	1312	693	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{36}{77}$	$\Phi_{693}^{2}\ \Phi_{231}^{2}\ \Phi_{99}^{3}\ \Phi_{63}^{2}\ \Phi_{33}^{3}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}$
83153	1312	210	$\frac{1}{42}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{210}^{6}\ \Phi_{105}^{6}\ \Phi_{70}^{6}\ \Phi_{42}^{8}\ \Phi_{35}^{6}\ \Phi_{30}^{6}\ \Phi_{21}^{8}\ \Phi_{15}^{4}\ \Phi_{14}^{8}\ \Phi_{10}^{6}\ \Phi_{7}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
83154	1312	270	$\frac{1}{27}$	$\frac{1}{15}$	$\frac{13}{54}$	$\frac{7}{15}$	$\Phi_{270}^{6}\ \Phi_{135}^{3}\ \Phi_{90}^{6}\ \Phi_{54}^{8}\ \Phi_{45}^{3}\ \Phi_{30}^{6}\ \Phi_{27}^{4}\ \Phi_{18}^{8}\ \Phi_{15}^{4}\ \Phi_{10}^{6}\ \Phi_{9}^{4}\ \Phi_{6}^{8}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
83155	1312	45	$\frac{1}{15}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{7}{15}$	$\Phi_{45}^{29}\ \Phi_{15}^{30}\ \Phi_{9}^{28}\ \Phi_{5}^{30}\ \Phi_{3}^{29}\ \Phi_{1}^{30}$
83156	1312	399	$\frac{1}{19}$	$\frac{9}{133}$	$\frac{71}{399}$	$\frac{62}{133}$	$\Phi_{399}^{4}\ \Phi_{133}^{2}\ \Phi_{57}^{4}\ \Phi_{21}^{4}\ \Phi_{19}\ \Phi_{7}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
83157	1312	1848	$\frac{1}{33}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{66}\ \Phi_{42}\ \Phi_{24}\ \Phi_{22}\ \Phi_{21}\ \Phi_{6}$
83158	1312	462	$\frac{1}{42}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{462}^{3}\ \Phi_{231}^{3}\ \Phi_{154}^{3}\ \Phi_{77}^{3}\ \Phi_{66}^{3}\ \Phi_{42}^{2}\ \Phi_{33}^{3}\ \Phi_{22}^{3}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
83159	1312	396	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{11}$	$\Phi_{396}^{4}\ \Phi_{198}^{4}\ \Phi_{132}^{4}\ \Phi_{99}^{3}\ \Phi_{66}^{4}\ \Phi_{36}^{4}\ \Phi_{33}^{3}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}$
83160	1312	225	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{1}{9}$	$\frac{34}{75}$	$\Phi_{225}^{6}\ \Phi_{75}^{4}\ \Phi_{45}^{9}\ \Phi_{25}^{4}\ \Phi_{15}^{6}\ \Phi_{9}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
83161	1312	95	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{13}{95}$	$\frac{43}{95}$	$\Phi_{95}^{14}\ \Phi_{19}^{13}\ \Phi_{5}^{14}\ \Phi_{1}^{14}$
83162	1312	1197	$\frac{1}{57}$	$\frac{115}{1197}$	$\frac{56}{171}$	$\frac{541}{1197}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{171}^{2}\ \Phi_{133}\ \Phi_{63}\ \Phi_{57}\ \Phi_{21}\ \Phi_{19}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
83163	1312	1197	$\frac{1}{19}$	$\frac{115}{1197}$	$\frac{18}{133}$	$\frac{541}{1197}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{171}\ \Phi_{133}^{2}\ \Phi_{63}\ \Phi_{57}\ \Phi_{21}\ \Phi_{19}\ \Phi_{9}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
83164	1312	333	$\frac{5}{333}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{333}^{4}\ \Phi_{111}^{4}\ \Phi_{37}^{4}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
83165	1312	57	$\frac{1}{57}$	$\frac{7}{57}$	$\frac{16}{57}$	$\frac{25}{57}$	$\Phi_{57}^{23}\ \Phi_{19}^{23}\ \Phi_{3}^{23}\ \Phi_{1}^{24}$
83166	1312	219	$\frac{1}{73}$	$\frac{9}{73}$	$\frac{1}{3}$	$\frac{32}{73}$	$\Phi_{219}^{9}\ \Phi_{3}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
83167	1312	792	$\frac{1}{33}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{792}^{3}\,\Phi_{264}^{3}\,\Phi_{88}^{3}\,\Phi_{72}^{2}\,\Phi_{66}^{3}\,\Phi_{33}^{2}\,\Phi_{24}^{3}\,\Phi_{22}^{2}\,\Phi_{11}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
83168	1312	1743	$\frac{1}{83}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1743}\,\Phi_{249}^{2}$
83169	1312	1141	$\frac{3}{163}$	$\frac{1}{7}$	$\frac{40}{163}$	$\frac{3}{7}$	$\Phi_{1141}\,\Phi_{163}^{2}\,\Phi_{7}^{2}\,\Phi_{1}^{4}$
83170	1312	210	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{210}^{8}\,\Phi_{105}^{8}\,\Phi_{70}^{8}\,\Phi_{35}^{7}\,\Phi_{30}^{8}\,\Phi_{15}^{8}\,\Phi_{10}^{8}\,\Phi_{5}^{6}$
83171	1312	285	$\frac{1}{57}$	$\frac{43}{285}$	$\frac{14}{57}$	$\frac{121}{285}$	$\Phi_{285}^{4}\,\Phi_{95}^{4}\,\Phi_{57}^{7}\,\Phi_{19}^{7}\,\Phi_{15}^{4}\,\Phi_{5}^{4}\,\Phi_{3}^{7}\,\Phi_{1}^{8}$
83172	1312	285	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{43}{285}$	$\frac{121}{285}$	$\Phi_{285}^{4}\,\Phi_{95}^{6}\,\Phi_{57}^{4}\,\Phi_{19}^{5}\,\Phi_{15}^{4}\,\Phi_{5}^{6}\,\Phi_{3}^{4}\,\Phi_{1}^{6}$
83173	1312	705	$\frac{1}{47}$	$\frac{23}{141}$	$\frac{1}{5}$	$\frac{59}{141}$	$\Phi_{705}^{2}\,\Phi_{235}^{3}\,\Phi_{15}^{2}\,\Phi_{5}^{2}$
83174	1312	528	$\frac{1}{33}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{528}^{3}\,\Phi_{264}^{3}\,\Phi_{176}^{3}\,\Phi_{88}^{3}\,\Phi_{66}^{3}\,\Phi_{48}^{2}\,\Phi_{33}^{2}\,\Phi_{24}^{2}\,\Phi_{22}^{3}\,\Phi_{16}^{2}\,\Phi_{11}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
83175	1312	2310	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{2310}\,\Phi_{770}\,\Phi_{462}\,\Phi_{330}\,\Phi_{231}\,\Phi_{210}\,\Phi_{154}\,\Phi_{110}\,\Phi_{77}\,\Phi_{66}\,\Phi_{42}\,\Phi_{30}\,\Phi_{22}\,\Phi_{21}\,\Phi_{6}$
83176	1312	1411	$\frac{1}{83}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	Φ_{1411}
83177	1312	69	$\frac{1}{69}$	$\frac{13}{69}$	$\frac{17}{69}$	$\frac{28}{69}$	$\Phi_{69}^{19}\,\Phi_{23}^{19}\,\Phi_{3}^{19}\,\Phi_{1}^{20}$
83178	1312	69	$\frac{4}{69}$	$\frac{5}{69}$	$\frac{13}{69}$	$\frac{28}{69}$	$\Phi_{69}^{19}\,\Phi_{23}^{19}\,\Phi_{3}^{19}\,\Phi_{1}^{20}$
83179	1312	1095	$\frac{2}{219}$	$\frac{217}{1095}$	$\frac{1}{3}$	$\frac{439}{1095}$	$\Phi_{1095}\,\Phi_{365}\,\Phi_{219}^{2}\,\Phi_{73}^{2}\,\Phi_{15}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$
83180	1312	765	$\frac{3}{85}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{765}^{2}\,\Phi_{255}^{2}\,\Phi_{153}^{2}\,\Phi_{51}^{2}\,\Phi_{45}\,\Phi_{15}$
83181	1312	462	$\frac{1}{42}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{462}^{3}\,\Phi_{231}^{3}\,\Phi_{154}^{3}\,\Phi_{77}^{3}\,\Phi_{66}^{3}\,\Phi_{42}^{2}\,\Phi_{33}^{2}\,\Phi_{22}^{3}\,\Phi_{21}^{2}\,\Phi_{14}^{2}\,\Phi_{11}^{2}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
83182	1312	171	$\frac{7}{171}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{171}^{8}\,\Phi_{57}^{7}\,\Phi_{19}^{7}\,\Phi_{9}^{8}\,\Phi_{3}^{7}\,\Phi_{1}^{8}$
83183	1312	133	$\frac{1}{19}$	$\frac{9}{133}$	$\frac{31}{133}$	$\frac{51}{133}$	$\Phi_{133}^{10}\,\Phi_{19}^{9}\,\Phi_{7}^{10}\,\Phi_{1}^{10}$
83184	1312	198	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{8}{33}$	$\frac{25}{66}$	$\Phi_{198}^{12}\,\Phi_{99}^{3}\,\Phi_{66}^{8}\,\Phi_{33}^{2}\,\Phi_{22}^{8}\,\Phi_{18}^{12}\,\Phi_{11}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{8}\,\Phi_{3}\,\Phi_{2}^{8}\,\Phi_{1}^{2}$
83185	1312	437	$\frac{9}{437}$	$\frac{68}{437}$	$\frac{107}{437}$	$\frac{165}{437}$	$\Phi_{437}^{3}\,\Phi_{23}^{3}\,\Phi_{19}^{3}\,\Phi_{1}^{4}$
83186	1312	1645	$\frac{5}{329}$	$\frac{1}{5}$	$\frac{81}{329}$	$\frac{124}{329}$	$\Phi_{1645}\,\Phi_{235}\,\Phi_{35}$
83187	1312	207	$\frac{1}{69}$	$\frac{43}{207}$	$\frac{17}{69}$	$\frac{26}{69}$	$\Phi_{207}^{8}\,\Phi_{69}^{3}\,\Phi_{23}^{3}\,\Phi_{9}^{8}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
83188	1312	1311	$\frac{11}{1311}$	$\frac{325}{1311}$	$\frac{409}{1311}$	$\frac{493}{1311}$	$\Phi_{1311}\,\Phi_{437}\,\Phi_{69}\,\Phi_{57}\,\Phi_{23}\,\Phi_{19}\,\Phi_{3}\,\Phi_{1}^{2}$
83189	1312	657	$\frac{5}{657}$	$\frac{163}{657}$	$\frac{1}{3}$	$\frac{247}{657}$	$\Phi_{657}^{2}\,\Phi_{219}^{2}\,\Phi_{73}^{2}\,\Phi_{9}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
83190	1312	1035	$\frac{1}{69}$	$\frac{68}{345}$	$\frac{277}{1035}$	$\frac{379}{1035}$	$\Phi_{1035}\,\Phi_{345}^{2}\,\Phi_{207}\,\Phi_{115}^{2}\,\Phi_{69}\,\Phi_{45}\,\Phi_{23}\,\Phi_{15}^{2}\,\Phi_{9}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
83191	1312	513	$\frac{1}{57}$	$\frac{28}{171}$	$\frac{143}{513}$	$\frac{185}{513}$	$\Phi_{513}^{2}\,\Phi_{171}^{4}\,\Phi_{57}^{3}\,\Phi_{27}^{2}\,\Phi_{19}^{3}\,\Phi_{9}^{4}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
83192	1312	165	$\frac{1}{165}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}^{8}\,\Phi_{55}^{8}\,\Phi_{33}^{8}\,\Phi_{15}^{8}\,\Phi_{11}^{8}\,\Phi_{5}^{8}\,\Phi_{3}^{5}\,\Phi_{1}^{6}$
83193	1312	981	$\frac{2}{327}$	$\frac{325}{981}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{981}^{2}\,\Phi_{9}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
83194	1312	327	$\frac{1}{109}$	$\frac{27}{109}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{327}^{3}\,\Phi_{109}^{6}\,\Phi_{3}^{4}\,\Phi_{1}^{8}$
83195	1312	1245	$\frac{1}{83}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1245}\,\Phi_{415}^{2}$
83196	1312	327	$\frac{7}{327}$	$\frac{40}{327}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{327}^{4}\,\Phi_{109}^{4}\,\Phi_{3}^{5}\,\Phi_{1}^{6}$
83197	1312	126	$\frac{1}{42}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{126}^{12}\,\Phi_{63}^{12}\,\Phi_{42}^{8}\,\Phi_{21}^{8}\,\Phi_{18}^{12}\,\Phi_{14}^{8}\,\Phi_{9}^{8}\,\Phi_{7}^{8}\,\Phi_{6}^{8}\,\Phi_{3}^{5}\,\Phi_{2}^{8}\,\Phi_{1}^{6}$
83198	1312	243	$\frac{2}{81}$	$\frac{1}{9}$	$\frac{79}{243}$	$\frac{1}{3}$	$\Phi_{243}^{8}\,\Phi_{9}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
83199	1312	1020	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{1020}\,\Phi_{510}\,\Phi_{340}^{2}\,\Phi_{255}\,\Phi_{204}\,\Phi_{170}^{2}\,\Phi_{102}\,\Phi_{85}^{2}\,\Phi_{68}^{2}\,\Phi_{51}^{2}\,\Phi_{34}^{2}\,\Phi_{17}^{2}$
83200	1312	675	$\frac{19}{675}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{675}^{2}\,\Phi_{225}^{2}\,\Phi_{135}^{2}\,\Phi_{75}^{2}\,\Phi_{45}^{2}\,\Phi_{25}^{2}\,\Phi_{15}^{2}\,\Phi_{9}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
83201	1312	630	$\frac{1}{42}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{630}^{3}\,\Phi_{315}^{3}\,\Phi_{126}^{3}\,\Phi_{90}^{3}\,\Phi_{63}^{3}\,\Phi_{45}^{2}\,\Phi_{42}^{2}\,\Phi_{21}^{2}\,\Phi_{18}^{3}\,\Phi_{14}^{2}\,\Phi_{9}^{2}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
83202	1312	219	$\frac{1}{73}$	$\frac{18}{73}$	$\frac{55}{219}$	$\frac{1}{3}$	$\Phi_{219}^{5}\,\Phi_{73}^{8}\,\Phi_{3}^{4}\,\Phi_{1}^{8}$
83203	1312	2244	$\frac{1}{17}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2244}\,\Phi_{1122}\,\Phi_{561}\,\Phi_{51}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
83204	1312	2445	$\frac{3}{163}$	$\frac{1}{5}$	$\frac{40}{163}$	$\frac{1}{3}$	$\Phi_{2445}\ \Phi_{15}^2$
83205	1312	657	$\frac{13}{657}$	$\frac{124}{657}$	$\frac{161}{657}$	$\frac{1}{3}$	$\Phi_{657}^2\ \Phi_{219}^2\ \Phi_{73}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
83206	1312	54	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{13}{54}$	$\frac{1}{3}$	$\Phi_{54}^{32}\ \Phi_{27}^{16}\ \Phi_{18}^{32}\ \Phi_9^{18}\ \Phi_6^{32}\ \Phi_3^{17}\ \Phi_2^{32}\ \Phi_1^{18}$
83207	1312	783	$\frac{7}{261}$	$\frac{127}{783}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{783}^2\ \Phi_{261}\ \Phi_{87}\ \Phi_{29}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
83208	1312	675	$\frac{19}{675}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}^2\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
83209	1312	171	$\frac{7}{171}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{171}^8\ \Phi_{57}^8\ \Phi_{19}^8\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
83210	1312	210	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^6\ \Phi_{42}^8\ \Phi_{35}^6\ \Phi_{30}^6\ \Phi_{21}^8\ \Phi_{15}^3\ \Phi_{14}^8\ \Phi_{10}^6\ \Phi_7^8\ \Phi_6^8\ \Phi_5^6\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
83211	1312	765	$\frac{1}{17}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{765}^2\ \Phi_{255}\ \Phi_{153}^2\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{17}^2$
83212	1312	405	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{77}{405}$	$\frac{1}{3}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{45}^4\ \Phi_{15}^4\ \Phi_9^2\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
83213	1312	2550	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{2550}\ \Phi_{1275}\ \Phi_{51}$
83214	1312	351	$\frac{23}{351}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{351}^4\ \Phi_{117}^4\ \Phi_{39}^4\ \Phi_{13}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
83215	1312	816	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{816}^2\ \Phi_{408}\ \Phi_{272}^2\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2$
83216	1312	189	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{25}{189}$	$\frac{1}{3}$	$\Phi_{189}^8\ \Phi_{63}^8\ \Phi_{21}^8\ \Phi_9^2\ \Phi_7^8\ \Phi_3\ \Phi_1^2$
83217	1312	45	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{45}^{32}\ \Phi_{15}^{32}\ \Phi_9^{18}\ \Phi_5^{32}\ \Phi_3^{17}\ \Phi_1^{18}$
83218	1312	729	$\frac{8}{81}$	$\frac{73}{729}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{729}^2\ \Phi_{243}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
83219	1312	2115	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{95}{423}$	$\frac{46}{141}$	$\Phi_{2115}\ \Phi_{235}\ \Phi_{45}$
83220	1312	2415	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{155}{483}$	$\Phi_{2415}\ \Phi_{345}\ \Phi_{105}\ \Phi_{35}\ \Phi_{15}$
83221	1312	1860	$\frac{1}{20}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{19}{60}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{465}\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{60}^2\ \Phi_{31}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
83222	1312	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{19}{60}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^4\ \Phi_{45}^9\ \Phi_{36}^8\ \Phi_{30}^4\ \Phi_{20}^8\ \Phi_{18}^8\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^8\ \Phi_9^8\ \Phi_6^4\ \Phi_5^8\ \Phi_4^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
83223	1312	46	$\frac{2}{23}$	$\frac{5}{46}$	$\frac{3}{23}$	$\frac{7}{23}$	$\Phi_{46}^{32}\ \Phi_{23}^{25}\ \Phi_2^{32}\ \Phi_1^{26}$
83224	1312	855	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{199}{855}$	$\frac{86}{285}$	$\Phi_{855}^2\ \Phi_{171}^2\ \Phi_{95}^2\ \Phi_{45}^2\ \Phi_{19}\ \Phi_9^2\ \Phi_5^2\ \Phi_1^2$
83225	1312	693	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{10}{77}$	$\frac{67}{231}$	$\Phi_{693}^2\ \Phi_{231}\ \Phi_{99}^3\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
83226	1312	399	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{71}{399}$	$\frac{115}{399}$	$\Phi_{399}^3\ \Phi_{133}^4\ \Phi_{57}^3\ \Phi_{21}^3\ \Phi_{19}^3\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
83227	1312	594	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{594}^3\ \Phi_{297}^3\ \Phi_{66}^3\ \Phi_{54}^2\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{22}^3\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83228	1312	225	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{14}{75}$	$\frac{61}{225}$	$\Phi_{225}^5\ \Phi_{75}^6\ \Phi_{45}^8\ \Phi_{25}^6\ \Phi_{15}^8\ \Phi_9^7\ \Phi_5^8\ \Phi_3^7\ \Phi_1^8$
83229	1312	171	$\frac{7}{171}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{171}^8\ \Phi_{57}^8\ \Phi_{19}^5\ \Phi_9^8\ \Phi_3^8\ \Phi_1^6$
83230	1312	495	$\frac{3}{55}$	$\frac{1}{9}$	$\frac{13}{55}$	$\frac{14}{55}$	$\Phi_{495}^3\ \Phi_{165}^3\ \Phi_{99}^3\ \Phi_{45}^3\ \Phi_{33}^3\ \Phi_{15}^3\ \Phi_9^2\ \Phi_3^2$
83231	1312	1364	$\frac{3}{44}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{4}$	$\Phi_{1364}\ \Phi_{682}\ \Phi_{341}\ \Phi_{44}^2\ \Phi_{31}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_1^2$
83232	1312	1980	$\frac{3}{44}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{165}\ \Phi_{45}\ \Phi_{15}$
83233	1312	270	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{13}{54}$	$\Phi_{270}^6\ \Phi_{135}^3\ \Phi_{90}^6\ \Phi_{54}^8\ \Phi_{45}^3\ \Phi_{30}^6\ \Phi_{27}^4\ \Phi_{18}^8\ \Phi_{15}^3\ \Phi_{10}^6\ \Phi_9^4\ \Phi_6^8\ \Phi_5^6\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
83234	1312	323	$\frac{15}{323}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{77}{323}$	$\Phi_{323}^4\ \Phi_{19}^5\ \Phi_{17}^4\ \Phi_1^6$
83235	1312	161	$\frac{9}{161}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{38}{161}$	$\Phi_{161}^8\ \Phi_{23}^9\ \Phi_7^8\ \Phi_1^{10}$
83236	1312	1395	$\frac{4}{45}$	$\frac{3}{31}$	$\frac{1}{5}$	$\frac{7}{31}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}\ \Phi_{93}\ \Phi_{45}^2\ \Phi_{31}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
83237	1312	1550	$\frac{3}{31}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{7}{31}$	$\Phi_{1550}\ \Phi_{775}\ \Phi_{50}^2\ \Phi_{31}\ \Phi_{25}^2\ \Phi_1^2$
83238	1312	1488	$\frac{3}{31}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{7}{31}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{48}^2\ \Phi_{31}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
83239	1312	45	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{45}^{29}\ \Phi_{15}^{29}\ \Phi_9^{28}\ \Phi_5^{32}\ \Phi_3^{28}\ \Phi_1^{32}$
83240	1312	450	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{50}$	$\frac{1}{5}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{75}^4\ \Phi_{45}\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
83241	1312	235	$\frac{5}{47}$	$\frac{6}{47}$	$\frac{7}{47}$	$\frac{1}{5}$	$\Phi_{235}^{7}\ \Phi_{5}^{6}$
83242	1312	720	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{5}$	$\Phi_{720}^{3}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{180}^{2}\ \Phi_{120}\ \Phi_{90}^{2}\ \Phi_{80}^{2}\ \Phi_{60}\ \Phi_{45}^{3}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$
83243	1313	600	$\frac{1}{100}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{99}{200}$	$\Phi_{300}^{4}\ \Phi_{200}\ \Phi_{150}^{4}\ \Phi_{100}^{4}\ \Phi_{75}^{4}\ \Phi_{60}^{4}\ \Phi_{50}^{4}\ \Phi_{40}\ \Phi_{30}^{4}\ \Phi_{25}^{4}\ \Phi_{24}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
83244	1313	600	$\frac{1}{100}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{99}{200}$	$\Phi_{600}^{4}\ \Phi_{200}^{5}\ \Phi_{120}^{4}\ \Phi_{40}^{5}\ \Phi_{24}^{4}\ \Phi_{15}\ \Phi_{8}^{5}\ \Phi_{5}\ \Phi_{1}$
83245	1313	1800	$\frac{1}{100}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{99}{200}$	$\Phi_{1800}^{2}\ \Phi_{360}^{2}\ \Phi_{200}\ \Phi_{72}^{2}\ \Phi_{40}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
83246	1313	400	$\frac{1}{100}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{99}{200}$	$\Phi_{400}^{4}\ \Phi_{200}\ \Phi_{100}^{4}\ \Phi_{80}^{4}\ \Phi_{50}^{4}\ \Phi_{40}\ \Phi_{25}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{5}\ \Phi_{10}^{4}\ \Phi_{8}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
83247	1313	2592	$\frac{17}{1296}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1279}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
83248	1313	1760	$\frac{7}{440}$	$\frac{1}{8}$	$\frac{447}{1760}$	$\frac{433}{880}$	$\Phi_{1760}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{32}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
83249	1313	1504	$\frac{3}{188}$	$\frac{191}{1504}$	$\frac{1}{4}$	$\frac{185}{376}$	$\Phi_{1504}\ \Phi_{752}\ \Phi_{188}\ \Phi_{94}\ \Phi_{47}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
83250	1313	2576	$\frac{25}{1288}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1263}{2576}$	$\Phi_{2576}\ \Phi_{368}\ \Phi_{112}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
83251	1313	1386	$\frac{2}{99}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{97}{198}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{126}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{42}^{2}\ \Phi_{33}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{11}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
83252	1313	2560	$\frac{33}{1280}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{1247}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{64}\ \Phi_{1}$
83253	1313	2560	$\frac{33}{1280}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1247}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
83254	1313	1584	$\frac{7}{264}$	$\frac{1}{8}$	$\frac{271}{1584}$	$\frac{257}{528}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
83255	1313	952	$\frac{1}{34}$	$\frac{1}{14}$	$\frac{35}{136}$	$\frac{33}{68}$	$\Phi_{952}^{2}\ \Phi_{238}^{2}\ \Phi_{136}\ \Phi_{119}^{2}\ \Phi_{56}^{2}\ \Phi_{34}\ \Phi_{17}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
83256	1313	1920	$\frac{1}{32}$	$\frac{33}{640}$	$\frac{607}{1920}$	$\frac{31}{64}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
83257	1313	1408	$\frac{1}{32}$	$\frac{95}{1408}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
83258	1313	1600	$\frac{1}{32}$	$\frac{33}{320}$	$\frac{287}{1600}$	$\frac{31}{64}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{25}\ \Phi_{1}$
83259	1313	1536	$\frac{1}{32}$	$\frac{33}{256}$	$\frac{223}{1536}$	$\frac{31}{64}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
83260	1313	192	$\frac{1}{32}$	$\frac{5}{96}$	$\frac{31}{96}$	$\frac{91}{192}$	$\Phi_{192}^{13}\ \Phi_{96}\ \Phi_{64}^{13}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
83261	1313	192	$\frac{5}{96}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{91}{192}$	$\Phi_{192}^{13}\ \Phi_{64}^{13}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
83262	1313	1344	$\frac{5}{96}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{91}{192}$	$\Phi_{1344}^{2}\ \Phi_{448}^{2}\ \Phi_{192}\ \Phi_{64}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
83263	1313	1440	$\frac{7}{120}$	$\frac{127}{1440}$	$\frac{1}{8}$	$\frac{113}{240}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
83264	1313	2464	$\frac{81}{1232}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1151}{2464}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{224}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
83265	1313	2460	$\frac{1}{41}$	$\frac{83}{1230}$	$\frac{40}{123}$	$\frac{1147}{2460}$	$\Phi_{2460}\ \Phi_{820}\ \Phi_{492}\ \Phi_{164}\ \Phi_{123}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
83266	1313	1792	$\frac{1}{32}$	$\frac{31}{448}$	$\frac{479}{1792}$	$\frac{417}{896}$	$\Phi_{1792}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
83267	1313	123	$\frac{2}{41}$	$\frac{3}{41}$	$\frac{22}{123}$	$\frac{19}{41}$	$\Phi_{123}^{13}\ \Phi_{41}^{6}\ \Phi_{3}^{13}\ \Phi_{1}^{7}$
83268	1313	188	$\frac{3}{94}$	$\frac{7}{94}$	$\frac{1}{4}$	$\frac{87}{188}$	$\Phi_{188}^{5}\ \Phi_{94}^{9}\ \Phi_{47}^{9}\ \Phi_{4}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
83269	1313	1408	$\frac{95}{1408}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{81}{176}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{128}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
83270	1313	600	$\frac{1}{50}$	$\frac{1}{12}$	$\frac{49}{150}$	$\frac{11}{24}$	$\Phi_{600}^{4}\ \Phi_{200}^{4}\ \Phi_{150}\ \Phi_{120}^{4}\ \Phi_{75}\ \Phi_{40}^{4}\ \Phi_{30}\ \Phi_{24}^{5}\ \Phi_{15}\ \Phi_{8}^{5}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
83271	1313	312	$\frac{3}{104}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{312}^{4}\ \Phi_{156}^{4}\ \Phi_{104}^{5}\ \Phi_{78}^{4}\ \Phi_{52}^{5}\ \Phi_{39}^{4}\ \Phi_{26}^{5}\ \Phi_{24}\ \Phi_{13}^{5}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
83272	1313	840	$\frac{4}{105}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{840}^{3}\ \Phi_{280}^{3}\ \Phi_{168}^{3}\ \Phi_{120}^{2}\ \Phi_{105}\ \Phi_{56}^{3}\ \Phi_{40}^{2}\ \Phi_{35}\ \Phi_{24}^{3}\ \Phi_{21}\ \Phi_{15}\ \Phi_{8}^{3}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
83273	1313	3000	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{24}{125}$	$\frac{11}{24}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{125}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
83274	1313	120	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{19}{120}$	$\frac{11}{24}$	$\Phi_{120}^{9}\ \Phi_{60}^{13}\ \Phi_{40}^{9}\ \Phi_{30}^{13}\ \Phi_{24}^{10}\ \Phi_{20}^{12}\ \Phi_{15}^{13}\ \Phi_{12}^{13}\ \Phi_{10}^{12}\ \Phi_{8}^{10}\ \Phi_{6}^{13}\ \Phi_{5}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
83275	1313	1320	$\frac{9}{110}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{24}$	$\Phi_{1320}^{2}\ \Phi_{440}^{2}\ \Phi_{264}^{2}\ \Phi_{110}\ \Phi_{88}^{2}\ \Phi_{55}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
83276	1313	1804	$\frac{1}{41}$	$\frac{40}{451}$	$\frac{491}{1804}$	$\frac{411}{902}$	$\Phi_{1804}\ \Phi_{451}\ \Phi_{164}\ \Phi_{44}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
83277	1313	2400	$\frac{7}{120}$	$\frac{113}{1200}$	$\frac{1}{8}$	$\frac{1087}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
83278	1313	1344	$\frac{31}{1344}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
83279	1313	2304	$\frac{1}{32}$	$\frac{161}{1152}$	$\frac{31}{192}$	$\frac{991}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
83280	1313	1536	$\frac{1}{32}$	$\frac{223}{1536}$	$\frac{31}{192}$	$\frac{161}{384}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
83281	1313	2256	$\frac{3}{188}$	$\frac{185}{1128}$	$\frac{1}{4}$	$\frac{943}{2256}$	$\Phi_{2256}\ \Phi_{752}\ \Phi_{188}\ \Phi_{94}\ \Phi_{48}\ \Phi_{47}\ \Phi_{16}\ \Phi_{1}$
83282	1313	756	$\frac{7}{108}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{756}^{2}\ \Phi_{378}^{2}\ \Phi_{252}^{2}\ \Phi_{189}^{2}\ \Phi_{126}^{2}\ \Phi_{108}\ \Phi_{63}^{2}\ \Phi_{54}\ \Phi_{42}^{2}\ \Phi_{36}\ \Phi_{27}\ \Phi_{21}^{2}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
83283	1313	2240	$\frac{1}{32}$	$\frac{31}{224}$	$\frac{193}{1120}$	$\frac{927}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
83284	1313	1360	$\frac{47}{1360}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{272}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{68}\ \Phi_{40}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
83285	1313	1190	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{16}{85}$	$\frac{69}{170}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{238}^{2}\ \Phi_{119}^{2}\ \Phi_{85}\ \Phi_{70}\ \Phi_{35}\ \Phi_{34}\ \Phi_{17}\ \Phi_{14}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
83286	1313	164	$\frac{2}{41}$	$\frac{3}{41}$	$\frac{19}{82}$	$\frac{63}{164}$	$\Phi_{164}^{13}\ \Phi_{41}^{6}\ \Phi_{4}^{13}\ \Phi_{1}^{7}$
83287	1313	2112	$\frac{7}{264}$	$\frac{1}{8}$	$\frac{257}{1056}$	$\frac{799}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{64}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
83288	1313	1344	$\frac{31}{1344}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
83289	1313	1476	$\frac{1}{41}$	$\frac{163}{1476}$	$\frac{40}{123}$	$\frac{83}{246}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{492}\ \Phi_{369}\ \Phi_{164}\ \Phi_{123}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
83290	1313	1968	$\frac{1}{164}$	$\frac{163}{492}$	$\frac{655}{1968}$	$\frac{329}{984}$	$\Phi_{1968}\ \Phi_{656}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
83291	1313	150	$\frac{1}{50}$	$\frac{2}{15}$	$\frac{49}{150}$	$\frac{1}{3}$	$\Phi_{150}^{9}\ \Phi_{75}^{9}\ \Phi_{50}^{8}\ \Phi_{30}^{9}\ \Phi_{25}^{8}\ \Phi_{15}^{10}\ \Phi_{10}^{8}\ \Phi_{6}^{9}\ \Phi_{5}^{9}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
83292	1313	1560	$\frac{3}{104}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
83293	1313	924	$\frac{2}{33}$	$\frac{1}{14}$	$\frac{31}{132}$	$\frac{1}{3}$	$\Phi_{924}^{2}\ \Phi_{462}\ \Phi_{308}^{2}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}^{2}\ \Phi_{77}\ \Phi_{44}\ \Phi_{42}^{2}\ \Phi_{33}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{12}\ \Phi_{11}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
83294	1313	756	$\frac{7}{108}$	$\frac{1}{14}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{756}^{2}\ \Phi_{378}^{2}\ \Phi_{252}^{2}\ \Phi_{189}^{2}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}^{2}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}^{2}\ \Phi_{36}\ \Phi_{28}^{2}\ \Phi_{27}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
83295	1313	105	$\frac{4}{105}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^{13}\ \Phi_{35}^{13}\ \Phi_{21}^{13}\ \Phi_{15}^{10}\ \Phi_{7}^{13}\ \Phi_{5}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{9}$
83296	1313	375	$\frac{1}{25}$	$\frac{2}{15}$	$\frac{24}{125}$	$\frac{1}{3}$	$\Phi_{375}^{4}\ \Phi_{125}^{5}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
83297	1313	120	$\frac{1}{20}$	$\frac{2}{15}$	$\frac{19}{120}$	$\frac{1}{3}$	$\Phi_{120}^{13}\ \Phi_{60}^{9}\ \Phi_{40}^{13}\ \Phi_{30}^{9}\ \Phi_{24}^{13}\ \Phi_{20}^{8}\ \Phi_{15}^{10}\ \Phi_{12}^{9}\ \Phi_{10}^{8}\ \Phi_{8}^{13}\ \Phi_{6}^{9}\ \Phi_{5}^{9}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
83298	1313	330	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{330}^{4}\ \Phi_{165}^{4}\ \Phi_{110}^{5}\ \Phi_{66}^{4}\ \Phi_{55}^{5}\ \Phi_{33}^{4}\ \Phi_{22}^{5}\ \Phi_{15}\ \Phi_{11}^{5}\ \Phi_{5}\ \Phi_{1}$
83299	1313	1692	$\frac{3}{188}$	$\frac{379}{1692}$	$\frac{1}{4}$	$\frac{185}{564}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{423}\ \Phi_{188}\ \Phi_{94}\ \Phi_{47}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
83300	1313	450	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{49}{150}$	$\Phi_{450}^{4}\ \Phi_{225}^{4}\ \Phi_{150}\ \Phi_{90}^{4}\ \Phi_{75}\ \Phi_{45}^{4}\ \Phi_{30}\ \Phi_{18}^{5}\ \Phi_{15}\ \Phi_{9}^{5}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
83301	1313	1200	$\frac{1}{50}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{49}{150}$	$\Phi_{1200}^{2}\ \Phi_{600}^{2}\ \Phi_{240}^{2}\ \Phi_{150}\ \Phi_{120}^{2}\ \Phi_{75}\ \Phi_{48}^{2}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{15}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
83302	1313	1845	$\frac{1}{41}$	$\frac{83}{615}$	$\frac{532}{1845}$	$\frac{40}{123}$	$\Phi_{1845}\ \Phi_{369}\ \Phi_{123}\ \Phi_{45}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
83303	1313	1944	$\frac{17}{648}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{631}{1944}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
83304	1313	1932	$\frac{25}{644}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{619}{1932}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{483}\ \Phi_{276}\ \Phi_{138}\ \Phi_{84}\ \Phi_{69}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
83305	1313	1920	$\frac{33}{640}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{607}{1920}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
83306	1313	112	$\frac{1}{16}$	$\frac{11}{112}$	$\frac{3}{16}$	$\frac{5}{16}$	$\Phi_{112}^{13}\ \Phi_{56}^{13}\ \Phi_{28}^{13}\ \Phi_{16}^{4}\ \Phi_{14}^{13}\ \Phi_{8}^{4}\ \Phi_{7}^{13}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
83307	1313	144	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{3}{16}$	$\frac{43}{144}$	$\Phi_{144}^{13}\ \Phi_{72}^{13}\ \Phi_{36}^{13}\ \Phi_{18}^{13}\ \Phi_{16}^{4}\ \Phi_{9}^{13}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
83308	1313	1008	$\frac{1}{14}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{144}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{144}\ \Phi_{126}^{2}\ \Phi_{72}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{36}\ \Phi_{21}^{2}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
83309	1313	1728	$\frac{17}{432}$	$\frac{1}{8}$	$\frac{415}{1728}$	$\frac{7}{24}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
83310	1313	1368	$\frac{55}{1368}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
83311	1313	1512	$\frac{17}{216}$	$\frac{1}{8}$	$\frac{199}{1512}$	$\frac{7}{24}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
83312	1313	1440	$\frac{127}{1440}$	$\frac{17}{144}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
83313	1313	1848	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{81}{616}$	$\frac{535}{1848}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{21}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
83314	1313	1728	$\frac{1}{32}$	$\frac{31}{192}$	$\frac{415}{1728}$	$\frac{161}{576}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
83315	1313	936	$\frac{3}{104}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{234}^{2}\ \Phi_{117}^{2}\ \Phi_{104}\ \Phi_{72}^{2}\ \Phi_{52}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
83316	1313	630	$\frac{4}{105}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{126}^{3}\ \Phi_{105}\ \Phi_{90}^{2}\ \Phi_{63}^{3}\ \Phi_{45}^{2}\ \Phi_{35}\ \Phi_{21}\ \Phi_{18}^{3}\ \Phi_{15}\ \Phi_{9}^{3}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
83317	1313	2250	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{24}{125}$	$\frac{5}{18}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{125}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
83318	1313	360	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{360}^{6}\ \Phi_{180}^{4}\ \Phi_{120}\ \Phi_{90}^{4}\ \Phi_{72}^{6}\ \Phi_{60}\ \Phi_{45}^{4}\ \Phi_{40}\ \Phi_{36}^{4}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}^{5}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}^{5}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
83319	1313	990	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{198}^{2}\ \Phi_{110}\ \Phi_{99}^{2}\ \Phi_{55}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
83320	1313	1800	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{113}{600}$	$\frac{487}{1800}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
83321	1313	208	$\frac{3}{104}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{208}^{8}\ \Phi_{104}^{5}\ \Phi_{52}^{5}\ \Phi_{26}^{5}\ \Phi_{16}^{5}\ \Phi_{13}^{5}\ \Phi_{8}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
83322	1313	400	$\frac{3}{100}$	$\frac{3}{16}$	$\frac{97}{400}$	$\frac{1}{4}$	$\Phi_{400}^{3}\ \Phi_{200}^{3}\ \Phi_{100}^{4}\ \Phi_{80}^{3}\ \Phi_{50}^{4}\ \Phi_{40}^{3}\ \Phi_{25}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
83323	1313	1680	$\frac{4}{105}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{56}\ \Phi_{48}\ \Phi_{35}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_{8}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
83324	1313	2000	$\frac{1}{25}$	$\frac{3}{16}$	$\frac{24}{125}$	$\frac{1}{4}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{125}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
83325	1313	240	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{240}^{8}\ \Phi_{120}^{5}\ \Phi_{80}^{4}\ \Phi_{60}^{5}\ \Phi_{48}^{8}\ \Phi_{40}\ \Phi_{30}^{5}\ \Phi_{24}^{5}\ \Phi_{20}^{4}\ \Phi_{16}^{5}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{5}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
83326	1313	880	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{880}^{2}\ \Phi_{440}^{2}\ \Phi_{176}^{2}\ \Phi_{110}\ \Phi_{88}^{2}\ \Phi_{55}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
83327	1313	128	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{27}{128}$	$\Phi_{128}^{13}\ \Phi_{64}^{13}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
83328	1313	840	$\frac{1}{14}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{120}\ \Phi_{105}^{2}\ \Phi_{70}^{2}\ \Phi_{60}\ \Phi_{42}^{2}\ \Phi_{40}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{21}^{2}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
83329	1313	1440	$\frac{127}{1440}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{160}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
83330	1313	1600	$\frac{33}{320}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{287}{1600}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
83331	1314	2180	$\frac{1}{218}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{217}{436}$	$\Phi_{2180}\ \Phi_{436}^{2}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
83332	1314	1308	$\frac{1}{218}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{217}{436}$	$\Phi_{1308}\ \Phi_{654}^{2}\ \Phi_{327}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
83333	1314	2320	$\frac{1}{145}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{72}{145}$	$\Phi_{2320}\ \Phi_{464}\ \Phi_{145}\ \Phi_{80}\ \Phi_{29}\ \Phi_{16}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
83334	1314	580	$\frac{1}{145}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{72}{145}$	$\Phi_{580}^{2}\ \Phi_{290}^{2}\ \Phi_{145}^{3}\ \Phi_{116}^{2}\ \Phi_{58}^{2}\ \Phi_{29}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
83335	1314	1302	$\frac{2}{217}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{215}{434}$	$\Phi_{1302}^{3}\ \Phi_{186}^{3}\ \Phi_{42}^{3}\ \Phi_{21}\ \Phi_{6}^{3}$
83336	1314	404	$\frac{1}{101}$	$\frac{17}{202}$	$\frac{185}{404}$	$\frac{50}{101}$	$\Phi_{404}^{6}\ \Phi_{101}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
83337	1314	101	$\frac{1}{101}$	$\frac{17}{101}$	$\frac{28}{101}$	$\frac{50}{101}$	$\Phi_{101}^{13}\ \Phi_{1}^{14}$
83338	1314	808	$\frac{1}{101}$	$\frac{151}{808}$	$\frac{51}{202}$	$\frac{50}{101}$	$\Phi_{808}^{2}\ \Phi_{404}^{2}\ \Phi_{101}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
83339	1314	2256	$\frac{1}{94}$	$\frac{95}{752}$	$\frac{1}{3}$	$\frac{93}{188}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{282}\ \Phi_{141}\ \Phi_{48}\ \Phi_{24}\ \Phi_{6}$
83340	1314	1300	$\frac{7}{650}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{643}{1300}$	$\Phi_{1300}^{2}\ \Phi_{260}^{2}\ \Phi_{100}^{2}\ \Phi_{52}^{2}\ \Phi_{20}^{2}\ \Phi_{13}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
83341	1314	1756	$\frac{5}{439}$	$\frac{74}{439}$	$\frac{1}{4}$	$\frac{217}{439}$	$\Phi_{1756}\ \Phi_{878}$
83342	1314	2448	$\frac{1}{72}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{71}{144}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{144}^{2}\ \Phi_{48}^{2}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
83343	1314	720	$\frac{1}{72}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{71}{144}$	$\Phi_{720}^{4}\ \Phi_{240}^{4}\ \Phi_{144}^{2}\ \Phi_{80}^{4}\ \Phi_{48}^{2}\ \Phi_{30}\ \Phi_{16}^{2}\ \Phi_{15}\ \Phi_{6}$
83344	1314	2448	$\frac{1}{72}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{71}{144}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{144}^{2}\ \Phi_{48}^{2}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
83345	1314	1008	$\frac{1}{72}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{71}{144}$	$\Phi_{1008}^{3}\ \Phi_{336}^{3}\ \Phi_{112}^{3}\ \Phi_{28}\ \Phi_{14}$
83346	1314	3010	$\frac{4}{215}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{211}{430}$	$\Phi_{3010}\ \Phi_{602}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
83347	1314	3864	$\frac{13}{644}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{631}{1288}$	$\Phi_{3864}\ \Phi_{552}\ \Phi_{168}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{6}$
83348	1314	490	$\frac{1}{49}$	$\frac{1}{10}$	$\frac{25}{98}$	$\frac{24}{49}$	$\Phi_{490}^{3}\ \Phi_{245}^{3}\ \Phi_{98}\ \Phi_{70}^{3}\ \Phi_{49}^{2}\ \Phi_{35}^{3}\ \Phi_{14}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
83349	1314	143	$\frac{3}{143}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{70}{143}$	$\Phi_{143}^{9}\ \Phi_{13}^{11}\ \Phi_{11}^{9}\ \Phi_{1}^{12}$
83350	1314	616	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{15}{88}$	$\frac{43}{88}$	$\Phi_{616}^{2}\ \Phi_{308}^{3}\ \Phi_{154}^{3}\ \Phi_{77}^{3}\ \Phi_{56}^{2}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
83351	1314	884	$\frac{6}{221}$	$\frac{1}{13}$	$\frac{227}{884}$	$\frac{215}{442}$	$\Phi_{884}^{2}\ \Phi_{221}^{2}\ \Phi_{68}^{2}\ \Phi_{52}^{2}\ \Phi_{17}^{2}\ \Phi_{13}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
83352	1314	140	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{67}{140}$	$\Phi_{140}^{18}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^{18}\ \Phi_{20}^{18}\ \Phi_{14}\ \Phi_{4}^{18}$
83353	1314	420	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{11}{84}$	$\frac{10}{21}$	$\Phi_{420}^{4}\ \Phi_{210}^{3}\ \Phi_{140}^{4}\ \Phi_{105}^{3}\ \Phi_{84}^{2}\ \Phi_{70}^{3}\ \Phi_{60}^{4}\ \Phi_{42}\ \Phi_{35}^{3}\ \Phi_{30}^{3}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{20}^{4}\ \Phi_{15}^{3}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{6}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
83354	1314	2926	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{199}{418}$	$\Phi_{2926}\ \Phi_{266}\ \Phi_{154}\ \Phi_{77}\ \Phi_{14}$
83355	1314	560	$\frac{1}{20}$	$\frac{7}{80}$	$\frac{1}{7}$	$\frac{19}{40}$	$\Phi_{560}^{3}\ \Phi_{280}^{2}\ \Phi_{140}^{3}\ \Phi_{112}^{3}\ \Phi_{70}^{3}\ \Phi_{56}^{2}\ \Phi_{35}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
83356	1314	416	$\frac{11}{208}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{197}{416}$	$\Phi_{416}^{6}\ \Phi_{32}^{6}\ \Phi_{13}^{5}\ \Phi_{1}^{6}$
83357	1314	1275	$\frac{2}{75}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{255}\ \Phi_{85}\ \Phi_{75}^{2}\ \Phi_{25}^{2}\ \Phi_{17}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
83358	1314	1836	$\frac{1}{36}$	$\frac{1}{17}$	$\frac{35}{108}$	$\frac{8}{17}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{459}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{17}\ \Phi_{1}^{2}$
83359	1314	1292	$\frac{3}{76}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{1292}\ \Phi_{646}\ \Phi_{323}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{17}\ \Phi_{1}^{2}$
83360	1314	1632	$\frac{1}{24}$	$\frac{1}{17}$	$\frac{23}{96}$	$\frac{8}{17}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{272}\ \Phi_{96}^{2}\ \Phi_{48}^{2}\ \Phi_{32}^{2}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
83361	1314	1530	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{17}{90}$	$\frac{8}{17}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{90}^{2}\ \Phi_{85}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{17}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
83362	1314	1326	$\frac{1}{17}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{442}\ \Phi_{221}\ \Phi_{78}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{2}\ \Phi_{17}\ \Phi_{13}^{2}\ \Phi_{1}^{2}$
83363	1314	1428	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{8}{17}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{238}\ \Phi_{119}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{17}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
83364	1314	1360	$\frac{1}{17}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{8}{17}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{272}\ \Phi_{170}\ \Phi_{85}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
83365	1314	1377	$\frac{1}{17}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{8}{17}$	$\Phi_{1377}\ \Phi_{459}\ \Phi_{81}^{2}\ \Phi_{27}^{2}\ \Phi_{17}\ \Phi_{1}^{2}$
83366	1314	672	$\frac{5}{224}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{168}^{3}\ \Phi_{96}^{3}\ \Phi_{84}^{2}\ \Phi_{48}^{3}\ \Phi_{42}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
83367	1314	3666	$\frac{1}{47}$	$\frac{46}{611}$	$\frac{1}{3}$	$\frac{565}{1222}$	$\Phi_{3666}\ \Phi_{282}\ \Phi_{141}\ \Phi_{78}\ \Phi_{6}$
83368	1314	325	$\frac{7}{325}$	$\frac{1}{13}$	$\frac{106}{325}$	$\frac{6}{13}$	$\Phi_{325}^{4}\ \Phi_{65}^{4}\ \Phi_{25}^{4}\ \Phi_{13}^{5}\ \Phi_{5}^{4}\ \Phi_{1}^{6}$
83369	1314	676	$\frac{19}{676}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{676}^{2}\ \Phi_{338}^{2}\ \Phi_{169}^{2}\ \Phi_{52}^{2}\ \Phi_{13}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
83370	1314	260	$\frac{7}{130}$	$\frac{1}{13}$	$\frac{41}{260}$	$\frac{6}{13}$	$\Phi_{260}^{6}\ \Phi_{130}^{4}\ \Phi_{65}^{4}\ \Phi_{52}^{6}\ \Phi_{26}^{4}\ \Phi_{20}^{6}\ \Phi_{13}^{5}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
83371	1314	715	$\frac{1}{13}$	$\frac{58}{715}$	$\frac{7}{65}$	$\frac{6}{13}$	$\Phi_{715}^{2}\ \Phi_{143}^{2}\ \Phi_{55}^{2}\ \Phi_{13}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
83372	1314	404	$\frac{2}{101}$	$\frac{17}{202}$	$\frac{33}{101}$	$\frac{185}{404}$	$\Phi_{404}^{6}\ \Phi_{101}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
83373	1314	404	$\frac{5}{101}$	$\frac{17}{202}$	$\frac{16}{101}$	$\frac{185}{404}$	$\Phi_{404}^{6}\ \Phi_{101}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
83374	1314	2800	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{1}{7}$	$\frac{181}{400}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
83375	1314	924	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{1}{7}$	$\frac{59}{132}$	$\Phi_{924}^3\ \Phi_{308}^3\ \Phi_{154}\ \Phi_{84}^3\ \Phi_{77}\ \Phi_{28}^3\ \Phi_{14}$
83376	1314	101	$\frac{2}{101}$	$\frac{11}{101}$	$\frac{28}{101}$	$\frac{45}{101}$	$\Phi_{101}^{13}\ \Phi_1^{14}$
83377	1314	1776	$\frac{1}{74}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1776}^2\ \Phi_{222}\ \Phi_{111}\ \Phi_{48}\ \Phi_6$
83378	1314	1200	$\frac{2}{75}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{1200}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{80}\ \Phi_{75}^2\ \Phi_{48}^2\ \Phi_{25}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
83379	1314	1392	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{14}{87}$	$\frac{7}{16}$	$\Phi_{1392}^2\ \Phi_{464}\ \Phi_{87}^2\ \Phi_{48}^2\ \Phi_{29}\ \Phi_{16}^2\ \Phi_3^2\ \Phi_1^2$
83380	1314	770	$\frac{4}{77}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{70}\ \Phi_{55}^2\ \Phi_{35}\ \Phi_{22}^2\ \Phi_{14}$
83381	1314	78	$\frac{5}{78}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{26}$	$\Phi_{78}^{18}\ \Phi_{39}^{18}\ \Phi_{26}^{12}\ \Phi_{13}^{17}\ \Phi_6^{18}\ \Phi_3^{18}\ \Phi_2^{12}\ \Phi_1^{18}$
83382	1314	630	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{10}{63}$	$\frac{53}{126}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^3\ \Phi_{105}^3\ \Phi_{90}^2\ \Phi_{70}^3\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_{14}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
83383	1314	1128	$\frac{1}{94}$	$\frac{31}{188}$	$\frac{1}{3}$	$\frac{157}{376}$	$\Phi_{1128}^3\ \Phi_{282}\ \Phi_{141}\ \Phi_{24}^3\ \Phi_6$
83384	1314	1105	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{209}{1105}$	$\frac{448}{1105}$	$\Phi_{1105}\ \Phi_{221}^2\ \Phi_{85}\ \Phi_{65}\ \Phi_{17}^2\ \Phi_{13}\ \Phi_5\ \Phi_1^2$
83385	1314	545	$\frac{1}{109}$	$\frac{1}{5}$	$\frac{36}{109}$	$\frac{2}{5}$	$\Phi_{545}^2\ \Phi_{109}^4\ \Phi_5^3\ \Phi_1^6$
83386	1314	740	$\frac{1}{74}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{740}^2\ \Phi_{370}\ \Phi_{185}\ \Phi_{148}^4\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
83387	1314	1313	$\frac{11}{1313}$	$\frac{293}{1313}$	$\frac{434}{1313}$	$\frac{510}{1313}$	$\Phi_{1313}\ \Phi_{101}\ \Phi_{13}\ \Phi_1^2$
83388	1314	221	$\frac{2}{221}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{221}^6\ \Phi_{17}^6\ \Phi_{13}^5\ \Phi_1^6$
83389	1314	2464	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{43}{176}$	$\frac{133}{352}$	$\Phi_{2464}\ \Phi_{308}\ \Phi_{224}\ \Phi_{154}\ \Phi_{77}\ \Phi_{28}\ \Phi_{14}$
83390	1314	224	$\frac{5}{224}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{224}^6\ \Phi_{112}^6\ \Phi_{56}^5\ \Phi_{32}^6\ \Phi_{28}^6\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
83391	1314	1406	$\frac{1}{74}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1406}\ \Phi_{703}\ \Phi_{38}$
83392	1314	770	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{18}{55}$	$\frac{37}{110}$	$\Phi_{770}^3\ \Phi_{385}\ \Phi_{154}^3\ \Phi_{77}\ \Phi_{70}^3\ \Phi_{35}\ \Phi_{14}^3$
83393	1314	1313	$\frac{14}{1313}$	$\frac{291}{1313}$	$\frac{433}{1313}$	$\frac{440}{1313}$	$\Phi_{1313}\ \Phi_{101}\ \Phi_{13}\ \Phi_1^2$
83394	1314	1756	$\frac{4}{439}$	$\frac{1}{4}$	$\frac{145}{439}$	$\frac{147}{439}$	$\Phi_{1756}\ \Phi_{878}$
83395	1314	150	$\frac{2}{75}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{150}^{10}\ \Phi_{75}^8\ \Phi_{50}^{10}\ \Phi_{30}^9\ \Phi_{25}^8\ \Phi_{15}^7\ \Phi_{10}^8\ \Phi_6^9\ \Phi_5^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
83396	1314	1308	$\frac{1}{109}$	$\frac{1}{4}$	$\frac{36}{109}$	$\frac{1}{3}$	$\Phi_{1308}^2\ \Phi_{654}^2\ \Phi_{12}^3\ \Phi_6^3$
83397	1314	282	$\frac{1}{94}$	$\frac{21}{94}$	$\frac{31}{94}$	$\frac{1}{3}$	$\Phi_{282}^7\ \Phi_{141}^7\ \Phi_6^7\ \Phi_3^6$
83398	1314	540	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{35}{108}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{135}^4\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{30}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_6$
83399	1314	966	$\frac{13}{322}$	$\frac{1}{14}$	$\frac{103}{322}$	$\frac{1}{3}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_6^3\ \Phi_3^2$
83400	1314	1275	$\frac{2}{75}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{255}\ \Phi_{85}\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
83401	1314	672	$\frac{5}{224}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{168}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{12}^3\ \Phi_6^3$
83402	1314	444	$\frac{1}{74}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{444}^4\ \Phi_{222}^5\ \Phi_{111}^5\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
83403	1314	2100	$\frac{2}{75}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}\ \Phi_{14}$
83404	1314	1140	$\frac{3}{76}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{285}^2\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
83405	1314	2604	$\frac{6}{217}$	$\frac{1}{7}$	$\frac{211}{868}$	$\frac{1}{3}$	$\Phi_{2604}\ \Phi_{1302}\ \Phi_{372}\ \Phi_{186}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
83406	1314	480	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{23}{96}$	$\frac{1}{3}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{96}^2\ \Phi_{80}^4\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_6$
83407	1314	282	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{21}{94}$	$\frac{1}{3}$	$\Phi_{282}^9\ \Phi_{141}^5\ \Phi_6^9\ \Phi_3^4$
83408	1314	1530	$\frac{7}{153}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}\ \Phi_{255}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{34}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
83409	1314	90	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{17}{90}$	$\frac{1}{3}$	$\Phi_{90}^{14}\ \Phi_{45}^{14}\ \Phi_{30}^{15}\ \Phi_{18}^{16}\ \Phi_{15}^{15}\ \Phi_{10}^{14}\ \Phi_9^{16}\ \Phi_6^{17}\ \Phi_5^{14}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{16}$
83410	1314	390	$\frac{5}{78}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^4\ \Phi_{78}^2\ \Phi_{65}^4\ \Phi_{39}^2\ \Phi_{30}\ \Phi_{26}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_6$
83411	1314	420	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{84}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^2\ \Phi_{70}^4\ \Phi_{42}^2\ \Phi_{35}^4\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
83412	1314	240	$\frac{7}{80}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{240}^{9}\ \Phi_{120}^{7}\ \Phi_{60}^{7}\ \Phi_{48}^{9}\ \Phi_{30}^{8}\ \Phi_{24}^{8}\ \Phi_{15}^{8}\ \Phi_{12}^{8}\ \Phi_{6}^{9}\ \Phi_{3}^{8}$
83413	1314	810	$\frac{8}{81}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{810}^{2}\ \Phi_{405}^{2}\ \Phi_{270}^{2}\ \Phi_{162}^{2}\ \Phi_{135}^{2}\ \Phi_{54}^{2}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
83414	1314	101	$\frac{2}{101}$	$\frac{17}{101}$	$\frac{28}{101}$	$\frac{33}{101}$	$\Phi_{101}^{13}\ \Phi_{1}^{14}$
83415	1314	1836	$\frac{1}{36}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{35}{108}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{459}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{17}\ \Phi_{1}^{2}$
83416	1314	756	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{35}{108}$	$\Phi_{756}^{3}\ \Phi_{378}^{3}\ \Phi_{189}^{3}\ \Phi_{28}\ \Phi_{14}$
83417	1314	616	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{15}{88}$	$\frac{7}{22}$	$\Phi_{616}^{3}\ \Phi_{308}^{3}\ \Phi_{154}\ \Phi_{77}\ \Phi_{56}^{3}\ \Phi_{28}^{3}\ \Phi_{14}$
83418	1314	1890	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{43}{189}$	$\frac{20}{63}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{210}\ \Phi_{135}\ \Phi_{105}\ \Phi_{70}\ \Phi_{54}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{14}\ \Phi_{6}$
83419	1314	286	$\frac{9}{143}$	$\frac{1}{13}$	$\frac{67}{286}$	$\frac{4}{13}$	$\Phi_{286}^{6}\ \Phi_{143}^{3}\ \Phi_{26}^{6}\ \Phi_{22}^{6}\ \Phi_{13}^{5}\ \Phi_{11}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
83420	1314	78	$\frac{5}{78}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{78}^{18}\ \Phi_{39}^{18}\ \Phi_{26}^{18}\ \Phi_{13}^{11}\ \Phi_{6}^{18}\ \Phi_{3}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{12}$
83421	1314	210	$\frac{3}{35}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{32}{105}$	$\Phi_{210}^{10}\ \Phi_{105}^{8}\ \Phi_{70}\ \Phi_{42}^{10}\ \Phi_{35}\ \Phi_{30}^{10}\ \Phi_{21}^{8}\ \Phi_{15}^{8}\ \Phi_{14}\ \Phi_{6}^{10}\ \Phi_{3}^{8}$
83422	1314	560	$\frac{7}{80}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{10}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{112}^{3}\ \Phi_{70}\ \Phi_{56}^{3}\ \Phi_{35}\ \Phi_{28}^{3}\ \Phi_{14}$
83423	1314	104	$\frac{1}{13}$	$\frac{11}{104}$	$\frac{2}{13}$	$\frac{31}{104}$	$\Phi_{104}^{12}\ \Phi_{52}^{12}\ \Phi_{26}^{12}\ \Phi_{13}^{17}\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{18}$
83424	1314	1292	$\frac{3}{76}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{1292}\ \Phi_{646}\ \Phi_{323}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{17}\ \Phi_{1}^{2}$
83425	1314	1632	$\frac{1}{24}$	$\frac{2}{17}$	$\frac{23}{96}$	$\frac{5}{17}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{272}\ \Phi_{96}^{2}\ \Phi_{48}^{2}\ \Phi_{32}^{2}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
83426	1314	1530	$\frac{1}{18}$	$\frac{2}{17}$	$\frac{17}{90}$	$\frac{5}{17}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{90}^{2}\ \Phi_{85}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{17}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
83427	1314	1326	$\frac{5}{78}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{442}\ \Phi_{221}\ \Phi_{78}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{2}\ \Phi_{17}\ \Phi_{13}^{2}\ \Phi_{1}^{2}$
83428	1314	1428	$\frac{1}{12}$	$\frac{2}{17}$	$\frac{11}{84}$	$\frac{5}{17}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{238}\ \Phi_{119}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{17}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
83429	1314	1360	$\frac{7}{80}$	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{5}{17}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{272}\ \Phi_{170}\ \Phi_{85}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
83430	1314	1377	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{1377}\ \Phi_{459}\ \Phi_{81}^{2}\ \Phi_{27}^{2}\ \Phi_{17}\ \Phi_{1}^{2}$
83431	1314	101	$\frac{5}{101}$	$\frac{16}{101}$	$\frac{17}{101}$	$\frac{28}{101}$	$\Phi_{101}^{13}\ \Phi_{1}^{14}$
83432	1314	77	$\frac{4}{77}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{77}^{17}\ \Phi_{11}^{18}\ \Phi_{7}^{16}\ \Phi_{1}^{18}$
83433	1314	700	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{19}{100}$	$\frac{27}{100}$	$\Phi_{700}^{2}\ \Phi_{350}^{2}\ \Phi_{175}^{2}\ \Phi_{140}^{3}\ \Phi_{70}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
83434	1314	300	$\frac{2}{75}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{100}^{4}\ \Phi_{75}^{6}\ \Phi_{60}^{4}\ \Phi_{50}^{4}\ \Phi_{30}^{4}\ \Phi_{25}^{6}\ \Phi_{20}^{2}\ \Phi_{15}^{6}\ \Phi_{12}^{4}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
83435	1314	348	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{348}^{4}\ \Phi_{174}^{4}\ \Phi_{116}^{2}\ \Phi_{87}^{6}\ \Phi_{58}^{2}\ \Phi_{29}^{3}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
83436	1314	532	$\frac{3}{76}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{532}^{3}\ \Phi_{266}^{3}\ \Phi_{133}^{3}\ \Phi_{28}\ \Phi_{14}$
83437	1314	672	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{23}{96}$	$\frac{1}{4}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}^{3}\ \Phi_{112}^{3}\ \Phi_{28}\ \Phi_{14}$
83438	1314	1260	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{17}{90}$	$\frac{1}{4}$	$\Phi_{1260}^{2}\ \Phi_{630}\ \Phi_{420}^{2}\ \Phi_{315}\ \Phi_{210}\ \Phi_{140}^{2}\ \Phi_{105}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
83439	1314	1092	$\frac{5}{78}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1092}^{2}\ \Phi_{546}\ \Phi_{364}^{2}\ \Phi_{273}\ \Phi_{182}\ \Phi_{91}\ \Phi_{28}\ \Phi_{14}$
83440	1314	84	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{84}^{15}\ \Phi_{42}^{15}\ \Phi_{28}^{16}\ \Phi_{21}^{15}\ \Phi_{14}^{16}\ \Phi_{12}^{18}\ \Phi_{7}^{15}\ \Phi_{6}^{18}\ \Phi_{4}^{18}\ \Phi_{3}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
83441	1314	560	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{112}^{3}\ \Phi_{70}^{3}\ \Phi_{35}^{3}\ \Phi_{28}\ \Phi_{14}$
83442	1314	2268	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{378}\ \Phi_{28}\ \Phi_{14}$
83443	1314	280	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{7}$	$\frac{61}{280}$	$\Phi_{280}^{6}\ \Phi_{140}^{6}\ \Phi_{70}\ \Phi_{56}^{6}\ \Phi_{40}^{6}\ \Phi_{35}\ \Phi_{28}^{6}\ \Phi_{20}^{6}\ \Phi_{14}\ \Phi_{8}^{6}\ \Phi_{4}^{6}$
83444	1314	420	$\frac{1}{10}$	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{2}\ \Phi_{70}\ \Phi_{60}^{4}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{30}^{4}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}$
83445	1314	260	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{41}{260}$	$\frac{11}{52}$	$\Phi_{260}^{6}\ \Phi_{130}^{6}\ \Phi_{65}^{6}\ \Phi_{20}^{6}\ \Phi_{13}^{5}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
83446	1314	350	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{29}{175}$	$\frac{6}{35}$	$\Phi_{350}^{5}\ \Phi_{175}^{4}\ \Phi_{70}\ \Phi_{50}^{5}\ \Phi_{35}\ \Phi_{25}^{4}\ \Phi_{14}$
83447	1315	1048	$\frac{1}{262}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{261}{524}$	$\Phi_{1048}^{2}\ \Phi_{524}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
83448	1315	2616	$\frac{7}{1308}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1301}{2616}$	$\Phi_{2616}\ \Phi_{872}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
83449	1315	2336	$\frac{1}{146}$	$\frac{147}{1168}$	$\frac{1021}{2336}$	$\frac{145}{292}$	$\Phi_{2336}\ \Phi_{292}\ \Phi_{32}\ \Phi_4\ \Phi_1$
83450	1315	1752	$\frac{1}{146}$	$\frac{437}{1752}$	$\frac{147}{584}$	$\frac{145}{292}$	$\Phi_{1752}\ \Phi_{876}\ \Phi_{438}\ \Phi_{292}\ \Phi_{219}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
83451	1315	522	$\frac{2}{261}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{259}{522}$	$\Phi_{522}^2\ \Phi_{261}^3\ \Phi_{174}^2\ \Phi_{87}^3\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
83452	1315	1056	$\frac{1}{88}$	$\frac{1}{6}$	$\frac{89}{352}$	$\frac{87}{176}$	$\Phi_{1056}^2\ \Phi_{352}\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{96}^2\ \Phi_{88}\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
83453	1315	1560	$\frac{3}{260}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{257}{520}$	$\Phi_{1560}^2\ \Phi_{520}\ \Phi_{312}^2\ \Phi_{120}^2\ \Phi_{104}\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
83454	1315	2592	$\frac{19}{1296}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{1277}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{36}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$
83455	1315	2592	$\frac{19}{1296}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1277}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{27}\ \Phi_1$
83456	1315	2592	$\frac{19}{1296}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1277}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
83457	1315	1764	$\frac{8}{441}$	$\frac{1}{9}$	$\frac{449}{1764}$	$\frac{433}{882}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{441}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{84}\ \Phi_{63}\ \Phi_{49}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
83458	1315	1584	$\frac{5}{264}$	$\frac{1}{6}$	$\frac{269}{1584}$	$\frac{259}{528}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
83459	1315	516	$\frac{5}{258}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{253}{516}$	$\Phi_{516}^5\ \Phi_{172}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
83460	1315	1536	$\frac{7}{256}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{249}{512}$	$\Phi_{1536}^2\ \Phi_{512}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
83461	1315	1518	$\frac{10}{253}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{243}{506}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{253}\ \Phi_{138}\ \Phi_{69}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{23}\ \Phi_{22}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
83462	1315	288	$\frac{1}{24}$	$\frac{25}{288}$	$\frac{1}{6}$	$\frac{23}{48}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^5\ \Phi_{72}^5\ \Phi_{36}^5\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
83463	1315	1512	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{197}{1512}$	$\frac{181}{378}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
83464	1315	504	$\frac{11}{252}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{241}{504}$	$\Phi_{504}^5\ \Phi_{168}^5\ \Phi_{72}^5\ \Phi_{56}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
83465	1315	504	$\frac{11}{252}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{241}{504}$	$\Phi_{504}^5\ \Phi_{168}^5\ \Phi_{72}^5\ \Phi_{63}\ \Phi_{56}^5\ \Phi_{24}^5\ \Phi_{21}\ \Phi_8^5\ \Phi_7\ \Phi_1$
83466	1315	2508	$\frac{61}{1254}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1193}{2508}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{228}\ \Phi_{132}\ \Phi_{76}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
83467	1315	1944	$\frac{19}{648}$	$\frac{1}{18}$	$\frac{629}{1944}$	$\frac{17}{36}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
83468	1315	1368	$\frac{53}{1368}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{12}\ \Phi_4\ \Phi_1$
83469	1315	1728	$\frac{19}{432}$	$\frac{1}{18}$	$\frac{413}{1728}$	$\frac{17}{36}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$
83470	1315	324	$\frac{1}{18}$	$\frac{19}{324}$	$\frac{61}{324}$	$\frac{17}{36}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{108}^4\ \Phi_{81}^4\ \Phi_{54}^4\ \Phi_{36}^5\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{12}^5\ \Phi_9^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
83471	1315	1404	$\frac{1}{18}$	$\frac{89}{1404}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
83472	1315	288	$\frac{1}{18}$	$\frac{25}{288}$	$\frac{19}{144}$	$\frac{17}{36}$	$\Phi_{288}^5\ \Phi_{144}^4\ \Phi_{96}^5\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{36}^5\ \Phi_{32}^5\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
83473	1315	1512	$\frac{1}{18}$	$\frac{19}{216}$	$\frac{197}{1512}$	$\frac{17}{36}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
83474	1315	1452	$\frac{1}{22}$	$\frac{21}{242}$	$\frac{1}{6}$	$\frac{221}{484}$	$\Phi_{1452}^2\ \Phi_{484}\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
83475	1315	480	$\frac{1}{24}$	$\frac{23}{240}$	$\frac{1}{6}$	$\frac{217}{480}$	$\Phi_{480}^5\ \Phi_{160}^5\ \Phi_{96}^5\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
83476	1315	2376	$\frac{5}{132}$	$\frac{127}{1188}$	$\frac{1}{6}$	$\frac{1061}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{132}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
83477	1315	816	$\frac{9}{272}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}\ \Phi_{204}^2\ \Phi_{136}\ \Phi_{102}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
83478	1315	1386	$\frac{71}{1386}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{198}\ \Phi_{154}\ \Phi_{99}\ \Phi_{77}\ \Phi_{66}\ \Phi_{63}\ \Phi_{33}\ \Phi_{22}\ \Phi_{21}\ \Phi_{11}\ \Phi_7\ \Phi_1$
83479	1315	462	$\frac{1}{33}$	$\frac{32}{231}$	$\frac{1}{6}$	$\frac{199}{462}$	$\Phi_{462}^2\ \Phi_{231}^3\ \Phi_{154}^2\ \Phi_{77}^3\ \Phi_{66}^5\ \Phi_{42}^2\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{11}^5\ \Phi_7^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
83480	1315	2268	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{181}{1134}$	$\frac{953}{2268}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{324}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
83481	1315	1320	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{43}{220}$	$\frac{177}{440}$	$\Phi_{1320}^2\ \Phi_{440}\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{120}^2\ \Phi_{88}\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
83482	1315	1344	$\frac{29}{1344}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
83483	1315	2112	$\frac{5}{264}$	$\frac{1}{6}$	$\frac{259}{1056}$	$\frac{797}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{64}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
83484	1315	3144	$\frac{1}{131}$	$\frac{1}{4}$	$\frac{130}{393}$	$\frac{3}{8}$	$\Phi_{3144}\ \Phi_{393}\ \Phi_{24}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
83485	1315	270	$\frac{7}{270}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{270}^5\ \Phi_{135}^5\ \Phi_{90}^5\ \Phi_{54}^4\ \Phi_{45}^5\ \Phi_{30}^5\ \Phi_{27}^5\ \Phi_{18}^4\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
83486	1315	396	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{65}{198}$	$\frac{133}{396}$	$\Phi_{396}^5\ \Phi_{132}^5\ \Phi_{66}^5\ \Phi_{44}^5\ \Phi_{36}^5\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{12}^5\ \Phi_{11}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
83487	1315	348	$\frac{2}{87}$	$\frac{1}{6}$	$\frac{85}{348}$	$\frac{1}{3}$	$\Phi_{348}^5\ \Phi_{174}^2\ \Phi_{116}^5\ \Phi_{87}^3\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_{12}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
83488	1315	270	$\frac{7}{270}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{270}^5\ \Phi_{135}^5\ \Phi_{90}^5\ \Phi_{54}^5\ \Phi_{45}^5\ \Phi_{30}^5\ \Phi_{27}^5\ \Phi_{18}^2\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_{9}^3\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
83489	1315	1944	$\frac{19}{648}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{629}{1944}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{27}\ \Phi_{1}$
83490	1315	1944	$\frac{19}{648}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{629}{1944}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
83491	1315	1584	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{269}{1584}$	$\frac{127}{396}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
83492	1315	1701	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{386}{1701}$	$\frac{181}{567}$	$\Phi_{1701}\ \Phi_{243}\ \Phi_{189}\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
83493	1315	384	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{121}{384}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^4\ \Phi_{96}^3\ \Phi_{64}^4\ \Phi_{48}^3\ \Phi_{32}^4\ \Phi_{24}^5\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
83494	1315	288	$\frac{1}{12}$	$\frac{25}{288}$	$\frac{1}{6}$	$\frac{11}{36}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
83495	1315	378	$\frac{11}{126}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{115}{378}$	$\Phi_{378}^5\ \Phi_{189}^5\ \Phi_{63}\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
83496	1315	1728	$\frac{19}{432}$	$\frac{1}{9}$	$\frac{413}{1728}$	$\frac{8}{27}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{27}\ \Phi_{1}$
83497	1315	1377	$\frac{62}{1377}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{1377}\ \Phi_{459}\ \Phi_{153}\ \Phi_{51}\ \Phi_{27}\ \Phi_{17}\ \Phi_{1}$
83498	1315	324	$\frac{19}{324}$	$\frac{1}{9}$	$\frac{61}{324}$	$\frac{8}{27}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{108}^4\ \Phi_{81}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^5\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
83499	1315	1404	$\frac{89}{1404}$	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
83500	1315	1512	$\frac{19}{216}$	$\frac{1}{9}$	$\frac{197}{1512}$	$\frac{8}{27}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
83501	1315	1458	$\frac{143}{1458}$	$\frac{1}{9}$	$\frac{19}{162}$	$\frac{8}{27}$	$\Phi_{1458}\ \Phi_{729}\ \Phi_{486}\ \Phi_{243}\ \Phi_{27}\ \Phi_{1}$
83502	1315	360	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{23}{120}$	$\frac{97}{360}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{90}^5\ \Phi_{72}^5\ \Phi_{45}^5\ \Phi_{36}^5\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_{9}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
83503	1315	1368	$\frac{53}{1368}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
83504	1315	312	$\frac{3}{52}$	$\frac{49}{312}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{312}^5\ \Phi_{156}^3\ \Phi_{104}^5\ \Phi_{78}^3\ \Phi_{52}^4\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{24}^5\ \Phi_{13}^4\ \Phi_{12}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
83505	1315	840	$\frac{17}{280}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
83506	1315	1728	$\frac{19}{432}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{413}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
83507	1315	288	$\frac{25}{288}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{32}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^3\ \Phi_{72}^5\ \Phi_{48}^3\ \Phi_{36}^5\ \Phi_{32}^4\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_{9}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
83508	1315	1512	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{197}{1512}$	$\frac{55}{252}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
83509	1315	336	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{6}$	$\frac{73}{336}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^5\ \Phi_{56}^5\ \Phi_{48}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
83510	1315	288	$\frac{25}{288}$	$\frac{19}{144}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{288}^{5}\ \Phi_{144}^{4}\ \Phi_{96}^{5}\ \Phi_{72}^{4}\ \Phi_{48}^{4}\ \Phi_{36}^{4}\ \Phi_{32}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{4}\ \Phi_{16}^{4}\ \Phi_{12}^{5}\ \Phi_{9}^{4}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
83511	1315	1512	$\frac{19}{216}$	$\frac{197}{1512}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
83512	1315	960	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{57}{320}$	$\Phi_{960}^{2}\ \Phi_{480}^{2}\ \Phi_{320}\ \Phi_{240}^{2}\ \Phi_{160}\ \Phi_{120}^{2}\ \Phi_{80}\ \Phi_{60}^{2}\ \Phi_{40}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
83513	1315	315	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{52}{315}$	$\frac{11}{63}$	$\Phi_{315}^{5}\ \Phi_{105}^{5}\ \Phi_{63}\ \Phi_{45}^{5}\ \Phi_{35}^{5}\ \Phi_{21}\ \Phi_{15}^{5}\ \Phi_{7}\ \Phi_{5}^{5}\ \Phi_{1}$
83514	1316	1968	$\frac{1}{328}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{327}{656}$	$\Phi_{1968}\ \Phi_{656}^{2}\ \Phi_{48}\ \Phi_{16}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
83515	1316	526	$\frac{1}{263}$	$\frac{66}{263}$	$\frac{197}{526}$	$\frac{131}{263}$	$\Phi_{526}^{4}\ \Phi_{263}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
83516	1316	655	$\frac{3}{655}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{326}{655}$	$\Phi_{655}^{2}\ \Phi_{131}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
83517	1316	2244	$\frac{1}{187}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{93}{187}$	$\Phi_{2244}\ \Phi_{748}\ \Phi_{204}\ \Phi_{187}\ \Phi_{132}\ \Phi_{68}\ \Phi_{44}\ \Phi_{17}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
83518	1316	1683	$\frac{1}{187}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{93}{187}$	$\Phi_{1683}\ \Phi_{187}\ \Phi_{153}\ \Phi_{99}\ \Phi_{17}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
83519	1316	3270	$\frac{2}{327}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{325}{654}$	$\Phi_{3270}\ \Phi_{1090}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
83520	1316	1305	$\frac{11}{1305}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{647}{1305}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{145}\ \Phi_{87}\ \Phi_{45}\ \Phi_{29}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
83521	1316	440	$\frac{1}{110}$	$\frac{1}{5}$	$\frac{111}{440}$	$\frac{109}{220}$	$\Phi_{440}^{4}\ \Phi_{110}^{4}\ \Phi_{88}^{4}\ \Phi_{55}^{4}\ \Phi_{40}^{4}\ \Phi_{22}^{4}\ \Phi_{11}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
83522	1316	1209	$\frac{1}{93}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{46}{93}$	$\Phi_{1209}\ \Phi_{403}\ \Phi_{93}^{2}\ \Phi_{39}\ \Phi_{31}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
83523	1316	744	$\frac{1}{93}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{46}{93}$	$\Phi_{744}^{2}\ \Phi_{372}^{2}\ \Phi_{248}^{2}\ \Phi_{186}^{2}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
83524	1316	263	$\frac{3}{263}$	$\frac{19}{263}$	$\frac{122}{263}$	$\frac{130}{263}$	$\Phi_{263}^{5}\ \Phi_{1}^{6}$
83525	1316	650	$\frac{4}{325}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{321}{650}$	$\Phi_{650}^{4}\ \Phi_{130}^{4}\ \Phi_{50}^{4}\ \Phi_{26}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
83526	1316	1980	$\frac{1}{66}$	$\frac{67}{396}$	$\frac{1}{5}$	$\frac{65}{132}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{180}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
83527	1316	3240	$\frac{5}{324}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{319}{648}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{360}\ \Phi_{120}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
83528	1316	504	$\frac{1}{63}$	$\frac{1}{8}$	$\frac{16}{63}$	$\frac{31}{63}$	$\Phi_{504}^{3}\ \Phi_{252}^{3}\ \Phi_{168}^{3}\ \Phi_{126}^{3}\ \Phi_{84}^{3}\ \Phi_{72}^{3}\ \Phi_{56}^{3}\ \Phi_{42}^{3}\ \Phi_{36}^{3}\ \Phi_{28}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
83529	1316	263	$\frac{5}{263}$	$\frac{28}{263}$	$\frac{67}{263}$	$\frac{129}{263}$	$\Phi_{263}^{5}\ \Phi_{1}^{6}$
83530	1316	1977	$\frac{13}{659}$	$\frac{48}{659}$	$\frac{1}{3}$	$\frac{323}{659}$	Φ_{1977}
83531	1316	645	$\frac{13}{645}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{316}{645}$	$\Phi_{645}^{2}\ \Phi_{215}^{2}\ \Phi_{129}^{2}\ \Phi_{43}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
83532	1316	2484	$\frac{1}{46}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{45}{92}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{276}\ \Phi_{108}\ \Phi_{92}^{2}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
83533	1316	1380	$\frac{1}{46}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{1380}^{2}\ \Phi_{460}^{2}\ \Phi_{276}\ \Phi_{92}^{2}\ \Phi_{60}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
83534	1316	828	$\frac{1}{46}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{45}{92}$	$\Phi_{828}^{3}\ \Phi_{276}^{3}\ \Phi_{92}^{4}\ \Phi_{36}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
83535	1316	920	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{45}{92}$	$\Phi_{920}^{2}\ \Phi_{460}\ \Phi_{230}^{2}\ \Phi_{115}^{2}\ \Phi_{40}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
83536	1316	640	$\frac{9}{320}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{311}{640}$	$\Phi_{640}^{4}\ \Phi_{128}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
83537	1316	3190	$\frac{10}{319}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{309}{638}$	$\Phi_{3190}\ \Phi_{290}\ \Phi_{110}\ \Phi_{55}\ \Phi_{10}$
83538	1316	728	$\frac{3}{91}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{44}{91}$	$\Phi_{728}^{2}\ \Phi_{364}^{2}\ \Phi_{182}^{2}\ \Phi_{104}^{2}\ \Phi_{56}^{3}\ \Phi_{52}^{2}\ \Phi_{28}^{3}\ \Phi_{26}^{2}\ \Phi_{14}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
83539	1316	360	$\frac{1}{30}$	$\frac{31}{360}$	$\frac{1}{5}$	$\frac{29}{60}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{4}\ \Phi_{90}^{4}\ \Phi_{72}^{4}\ \Phi_{45}^{4}\ \Phi_{40}^{4}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{18}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
83540	1316	621	$\frac{1}{27}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{13}{27}$	$\Phi_{621}^{2}\ \Phi_{207}^{2}\ \Phi_{69}^{3}\ \Phi_{27}^{3}\ \Phi_{23}^{2}\ \Phi_{9}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
83541	1316	216	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{7}{54}$	$\frac{13}{27}$	$\Phi_{216}^{7}\ \Phi_{108}^{7}\ \Phi_{72}^{7}\ \Phi_{54}^{3}\ \Phi_{36}^{7}\ \Phi_{27}^{4}\ \Phi_{24}^{7}\ \Phi_{18}^{3}\ \Phi_{12}^{7}\ \Phi_{9}^{4}\ \Phi_{8}^{6}\ \Phi_{6}^{3}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
83542	1316	1265	$\frac{51}{1265}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{607}{1265}$	$\Phi_{1265}\ \Phi_{253}\ \Phi_{115}\ \Phi_{55}^{2}\ \Phi_{23}\ \Phi_{11}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
83543	1316	2610	$\frac{1}{29}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{2610}\ \Phi_{870}\ \Phi_{522}\ \Phi_{290}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
83544	1316	90	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{43}{90}$	$\Phi_{90}^{28}\ \Phi_{30}^{28}\ \Phi_{18}^{28}\ \Phi_{15}^{4}\ \Phi_{10}^{28}\ \Phi_{6}^{28}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{28}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
83545	1316	360	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{43}{90}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{72}^5\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}^5\ \Phi_{24}^5\ \Phi_{20}^4\ \Phi_{18}\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^4\ \Phi_6\ \Phi_5^4\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
83546	1316	1760	$\frac{1}{22}$	$\frac{23}{352}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{160}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{10}$
83547	1316	840	$\frac{1}{21}$	$\frac{11}{105}$	$\frac{1}{8}$	$\frac{10}{21}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
83548	1316	285	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{285}^5\ \Phi_{95}^5\ \Phi_{57}^3\ \Phi_{19}^4\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
83549	1316	1856	$\frac{1}{29}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{1856}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}$
83550	1316	2552	$\frac{1}{29}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{2552}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}$
83551	1316	440	$\frac{1}{22}$	$\frac{3}{44}$	$\frac{1}{5}$	$\frac{41}{88}$	$\Phi_{440}^7\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}^7\ \Phi_{10}$
83552	1316	624	$\frac{1}{48}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{48}^4\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{13}^2\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
83553	1316	806	$\frac{1}{31}$	$\frac{1}{13}$	$\frac{15}{62}$	$\frac{6}{13}$	$\Phi_{806}^2\ \Phi_{403}\ \Phi_{62}^4\ \Phi_{31}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_2^4\ \Phi_1^4$
83554	1316	605	$\frac{2}{55}$	$\frac{53}{605}$	$\frac{1}{5}$	$\frac{276}{605}$	$\Phi_{605}^2\ \Phi_{121}^2\ \Phi_{55}^4\ \Phi_{11}^4\ \Phi_5^3\ \Phi_1^4$
83555	1316	600	$\frac{1}{30}$	$\frac{29}{300}$	$\frac{1}{5}$	$\frac{271}{600}$	$\Phi_{600}^4\ \Phi_{200}^4\ \Phi_{120}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
83556	1316	340	$\frac{11}{340}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{340}^4\ \Phi_{170}^4\ \Phi_{85}^4\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
83557	1316	1392	$\frac{1}{48}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}$
83558	1316	2970	$\frac{1}{33}$	$\frac{32}{297}$	$\frac{1}{5}$	$\frac{265}{594}$	$\Phi_{2970}\ \Phi_{990}\ \Phi_{330}\ \Phi_{270}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}\ \Phi_{55}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
83559	1316	792	$\frac{5}{99}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{72}\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
83560	1316	2436	$\frac{1}{29}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}$
83561	1316	168	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{1}{8}$	$\frac{37}{84}$	$\Phi_{168}^9\ \Phi_{84}^5\ \Phi_{56}^9\ \Phi_{42}^9\ \Phi_{28}^5\ \Phi_{24}^9\ \Phi_{21}^8\ \Phi_{14}^9\ \Phi_{12}^5\ \Phi_8^8\ \Phi_7^8\ \Phi_6^9\ \Phi_4^4\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
83562	1316	165	$\frac{4}{165}$	$\frac{23}{165}$	$\frac{1}{5}$	$\frac{71}{165}$	$\Phi_{165}^8\ \Phi_{55}^8\ \Phi_{33}^8\ \Phi_{15}^8\ \Phi_{11}^8\ \Phi_5^7\ \Phi_3^8\ \Phi_1^8$
83563	1316	263	$\frac{4}{263}$	$\frac{37}{263}$	$\frac{75}{263}$	$\frac{113}{263}$	$\Phi_{263}^5\ \Phi_1^6$
83564	1316	1977	$\frac{8}{659}$	$\frac{93}{659}$	$\frac{1}{3}$	$\frac{283}{659}$	Φ_{1977}
83565	1316	392	$\frac{2}{49}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{392}^4\ \Phi_{196}^4\ \Phi_{98}^4\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
83566	1316	648	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{13}{81}$	$\frac{34}{81}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^3\ \Phi_{162}^2\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
83567	1316	1140	$\frac{1}{95}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{1140}^2\ \Phi_{380}^2\ \Phi_{285}\ \Phi_{228}^2\ \Phi_{76}^2\ \Phi_{60}^2\ \Phi_{57}\ \Phi_{20}^2\ \Phi_{15}$
83568	1316	2244	$\frac{3}{187}$	$\frac{1}{6}$	$\frac{46}{187}$	$\frac{5}{12}$	$\Phi_{2244}\ \Phi_{748}\ \Phi_{204}\ \Phi_{187}\ \Phi_{132}\ \Phi_{68}\ \Phi_{44}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
83569	1316	240	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{80}^7\ \Phi_{60}^6\ \Phi_{40}^7\ \Phi_{30}^7\ \Phi_{20}^6\ \Phi_{15}^7\ \Phi_{10}^7\ \Phi_5^6$
83570	1316	396	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{396}^6\ \Phi_{132}^5\ \Phi_{99}^2\ \Phi_{44}^5\ \Phi_{36}^6\ \Phi_{33}^2\ \Phi_{12}^6\ \Phi_{11}\ \Phi_9^2\ \Phi_4^6\ \Phi_3^2\ \Phi_1^2$
83571	1316	204	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{204}^{11}\ \Phi_{68}^{11}\ \Phi_{51}^4\ \Phi_{17}^3\ \Phi_{12}^{12}\ \Phi_4^{12}\ \Phi_3^4\ \Phi_1^4$
83572	1316	2320	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{2320}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}$
83573	1316	550	$\frac{1}{55}$	$\frac{54}{275}$	$\frac{1}{5}$	$\frac{221}{550}$	$\Phi_{550}^4\ \Phi_{110}^4\ \Phi_{55}^4\ \Phi_{50}^4\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
83574	1316	190	$\frac{1}{95}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{190}^{10}\ \Phi_{95}^4\ \Phi_{38}^{10}\ \Phi_{19}^4\ \Phi_{10}^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
83575	1316	150	$\frac{3}{50}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{150}^{10}\ \Phi_{75}^{10}\ \Phi_{50}^8\ \Phi_{30}^{10}\ \Phi_{25}^8\ \Phi_{15}^4\ \Phi_{10}^8\ \Phi_6^{10}\ \Phi_5^3\ \Phi_3^4\ \Phi_2^8\ \Phi_1^4$
83576	1316	1140	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{9}{38}$	$\frac{29}{76}$	$\Phi_{1140}^2\ \Phi_{380}^2\ \Phi_{285}\ \Phi_{228}^2\ \Phi_{95}\ \Phi_{60}^2\ \Phi_{57}\ \Phi_{20}^2\ \Phi_{12}^2$
83577	1316	2640	$\frac{1}{66}$	$\frac{1}{5}$	$\frac{65}{264}$	$\frac{199}{528}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{330}\ \Phi_{240}\ \Phi_{165}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
83578	1316	2088	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}$
83579	1316	495	$\frac{2}{165}$	$\frac{1}{5}$	$\frac{163}{495}$	$\frac{166}{495}$	$\Phi_{495}^2\ \Phi_{165}^4\ \Phi_{99}^2\ \Phi_{55}^4\ \Phi_{45}^2\ \Phi_{33}^4\ \Phi_{15}^4\ \Phi_{11}^4\ \Phi_9^2\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
83580	1316	492	$\frac{1}{164}$	$\frac{163}{492}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{492}^3\ \Phi_{246}^3\ \Phi_{164}^2\ \Phi_{123}^3\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
83581	1316	996	$\frac{3}{332}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{996}\ \Phi_{498}\ \Phi_{332}^2\ \Phi_{249}\ \Phi_{166}^2\ \Phi_{83}^2\ \Phi_3\ \Phi_1^2$
83582	1316	855	$\frac{1}{95}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{855}^2\ \Phi_{285}\ \Phi_{171}^2\ \Phi_{57}\ \Phi_{45}^2\ \Phi_{15}$
83583	1316	1230	$\frac{1}{82}$	$\frac{81}{410}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{410}^2\ \Phi_{205}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
83584	1316	492	$\frac{3}{164}$	$\frac{23}{164}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{492}^2\ \Phi_{246}^2\ \Phi_{164}^4\ \Phi_{123}^2\ \Phi_{82}^4\ \Phi_{41}^4\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
83585	1316	48	$\frac{1}{48}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{48}^{28}\ \Phi_{24}^{27}\ \Phi_{16}^{28}\ \Phi_{12}^{27}\ \Phi_8^{26}\ \Phi_6^{27}\ \Phi_4^{26}\ \Phi_3^{28}\ \Phi_2^{26}\ \Phi_1^{28}$
83586	1316	369	$\frac{1}{41}$	$\frac{40}{369}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{369}^4\ \Phi_{123}^3\ \Phi_{41}^2\ \Phi_9^4\ \Phi_3^4\ \Phi_1^4$
83587	1316	2232	$\frac{2}{93}$	$\frac{1}{8}$	$\frac{91}{279}$	$\frac{1}{3}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{558}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
83588	1316	345	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{345}^4\ \Phi_{115}^4\ \Phi_{69}^3\ \Phi_{23}^2\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^4\ \Phi_1^4$
83589	1316	1683	$\frac{3}{187}$	$\frac{2}{9}$	$\frac{46}{187}$	$\frac{1}{3}$	$\Phi_{1683}\ \Phi_{187}\ \Phi_{153}\ \Phi_{99}\ \Phi_{17}\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
83590	1316	744	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{15}{62}$	$\frac{1}{3}$	$\Phi_{744}^3\ \Phi_{372}^3\ \Phi_{186}\ \Phi_{93}^2\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
83591	1316	720	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}\ \Phi_{180}^3\ \Phi_{120}\ \Phi_{90}^3\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
83592	1316	1566	$\frac{1}{29}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1566}\ \Phi_{783}\ \Phi_{522}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
83593	1316	99	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{99}^{13}\ \Phi_{33}^{14}\ \Phi_{11}^{13}\ \Phi_9^{14}\ \Phi_3^{14}\ \Phi_1^{14}$
83594	1316	153	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{153}^{11}\ \Phi_{51}^4\ \Phi_{17}^3\ \Phi_9^{12}\ \Phi_3^4\ \Phi_1^4$
83595	1316	1740	$\frac{1}{29}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{348}\ \Phi_{290}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}$
83596	1316	1980	$\frac{1}{33}$	$\frac{67}{396}$	$\frac{1}{5}$	$\frac{32}{99}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
83597	1316	2430	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{157}{486}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
83598	1316	1944	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{55}{243}$	$\frac{26}{81}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
83599	1316	207	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{22}{69}$	$\Phi_{207}^6\ \Phi_{69}^7\ \Phi_{23}^6\ \Phi_9^9\ \Phi_3^{10}\ \Phi_1^{10}$
83600	1316	2760	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{22}{69}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
83601	1316	480	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{151}{480}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
83602	1316	2184	$\frac{6}{91}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{85}{273}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}\ \Phi_{168}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
83603	1316	360	$\frac{1}{15}$	$\frac{31}{360}$	$\frac{1}{5}$	$\frac{14}{45}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
83604	1316	135	$\frac{1}{15}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{135}$	$\Phi_{135}^{14}\ \Phi_{27}^{14}\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
83605	1316	1080	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{41}{135}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{72}\ \Phi_{54}^2\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
83606	1316	330	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{1}{5}$	$\frac{19}{66}$	$\Phi_{330}^7\ \Phi_{165}^7\ \Phi_{110}\ \Phi_{55}\ \Phi_{30}^7\ \Phi_{15}^7\ \Phi_{10}$
83607	1316	1710	$\frac{13}{342}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{95}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
83608	1316	450	$\frac{1}{30}$	$\frac{29}{150}$	$\frac{1}{5}$	$\frac{121}{450}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{90}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
83609	1316	675	$\frac{17}{675}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}^2\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
83610	1316	435	$\frac{11}{435}$	$\frac{1}{5}$	$\frac{106}{435}$	$\frac{4}{15}$	$\Phi_{435}^3\ \Phi_{145}^3\ \Phi_{87}^3\ \Phi_{29}^3\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
83611	1316	105	$\frac{1}{15}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{105}^{14}\ \Phi_{35}^{14}\ \Phi_{21}^{14}\ \Phi_{15}^4\ \Phi_7^{14}\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
83612	1316	504	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{5}{21}$	$\frac{16}{63}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}\ \Phi_{126}^4\ \Phi_{84}\ \Phi_{72}^4\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}^4\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}^4\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
83613	1316	2160	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{103}{432}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
83614	1316	360	$\frac{31}{360}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{40}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
83615	1316	216	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{54}$	$\frac{2}{9}$	$\Phi_{216}^8\ \Phi_{108}^8\ \Phi_{72}^5\ \Phi_{54}^4\ \Phi_{36}^5\ \Phi_{27}^4\ \Phi_{24}^5\ \Phi_{18}\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^4\ \Phi_6\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
83616	1316	60	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{60}^{28}\ \Phi_{30}^{28}\ \Phi_{20}^{28}\ \Phi_{15}^{4}\ \Phi_{12}^{28}\ \Phi_{10}^{28}\ \Phi_{6}^{28}\ \Phi_{5}^{3}\ \Phi_{4}^{28}\ \Phi_{3}^{4}\ \Phi_{2}^{28}\ \Phi_{1}^{4}$
83617	1316	50	$\frac{3}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{50}^{28}\ \Phi_{25}^{24}\ \Phi_{10}^{28}\ \Phi_{5}^{27}\ \Phi_{2}^{28}\ \Phi_{1}^{28}$
83618	1316	390	$\frac{4}{65}$	$\frac{61}{390}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{390}^{4}\ \Phi_{195}^{4}\ \Phi_{130}^{4}\ \Phi_{78}^{4}\ \Phi_{39}^{4}\ \Phi_{30}^{4}\ \Phi_{26}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
83619	1316	400	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{400}$	$\frac{1}{5}$	$\Phi_{400}^{4}\ \Phi_{200}^{4}\ \Phi_{100}^{4}\ \Phi_{50}^{4}\ \Phi_{25}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
83620	1316	360	$\frac{31}{360}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{360}^{4}\ \Phi_{180}^{3}\ \Phi_{120}^{4}\ \Phi_{90}^{3}\ \Phi_{72}^{4}\ \Phi_{60}^{3}\ \Phi_{45}^{3}\ \Phi_{40}^{4}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{3}\ \Phi_{18}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
83621	1316	270	$\frac{5}{54}$	$\frac{7}{54}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{270}^{6}\ \Phi_{135}^{6}\ \Phi_{90}^{6}\ \Phi_{45}^{6}\ \Phi_{30}^{7}\ \Phi_{15}^{7}\ \Phi_{10}^{7}\ \Phi_{5}^{6}$
83622	1316	55	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{8}{55}$	$\frac{1}{5}$	$\Phi_{55}^{24}\ \Phi_{11}^{24}\ \Phi_{5}^{23}\ \Phi_{1}^{24}$
83623	1316	1800	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{37}{225}$	$\frac{8}{45}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{72}\ \Phi_{50}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
83624	1317	2624	$\frac{5}{1312}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1307}{2624}$	$\Phi_{2624}\ \Phi_{64}\ \Phi_{8}\ \Phi_{1}$
83625	1317	752	$\frac{1}{188}$	$\frac{63}{376}$	$\frac{313}{752}$	$\frac{187}{376}$	$\Phi_{752}^{3}\ \Phi_{376}\ \Phi_{16}^{3}\ \Phi_{8}\ \Phi_{1}$
83626	1317	1760	$\frac{3}{440}$	$\frac{1}{4}$	$\frac{443}{1760}$	$\frac{437}{880}$	$\Phi_{1760}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{32}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
83627	1317	872	$\frac{3}{436}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{433}{872}$	$\Phi_{872}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
83628	1317	1740	$\frac{4}{435}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{431}{870}$	$\Phi_{1740}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{145}\ \Phi_{116}\ \Phi_{87}\ \Phi_{60}\ \Phi_{29}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
83629	1317	528	$\frac{1}{88}$	$\frac{89}{528}$	$\frac{1}{4}$	$\frac{87}{176}$	$\Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{132}^{3}\ \Phi_{88}^{3}\ \Phi_{66}^{3}\ \Phi_{48}^{3}\ \Phi_{44}^{3}\ \Phi_{33}^{3}\ \Phi_{24}^{3}\ \Phi_{22}^{3}\ \Phi_{12}^{3}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{3}\ \Phi_{1}^{3}$
83630	1317	868	$\frac{5}{434}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{429}{868}$	$\Phi_{868}^{3}\ \Phi_{124}^{3}\ \Phi_{28}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
83631	1317	2600	$\frac{17}{1300}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1283}{2600}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{200}\ \Phi_{104}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
83632	1317	588	$\frac{2}{147}$	$\frac{1}{7}$	$\frac{149}{588}$	$\frac{145}{294}$	$\Phi_{588}^{3}\ \Phi_{196}^{3}\ \Phi_{147}^{3}\ \Phi_{84}^{3}\ \Phi_{49}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
83633	1317	864	$\frac{7}{432}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{425}{864}$	$\Phi_{864}^{3}\ \Phi_{288}^{3}\ \Phi_{96}^{3}\ \Phi_{32}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
83634	1317	860	$\frac{9}{430}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{421}{860}$	$\Phi_{860}\ \Phi_{430}^{2}\ \Phi_{215}^{2}\ \Phi_{172}\ \Phi_{86}^{2}\ \Phi_{43}^{2}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
83635	1317	2576	$\frac{29}{1288}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{1259}{2576}$	$\Phi_{2576}\ \Phi_{368}\ \Phi_{112}\ \Phi_{56}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
83636	1317	1716	$\frac{10}{429}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{419}{858}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{429}\ \Phi_{156}\ \Phi_{143}\ \Phi_{132}\ \Phi_{52}\ \Phi_{44}^{2}\ \Phi_{39}\ \Phi_{33}\ \Phi_{22}\ \Phi_{13}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
83637	1317	480	$\frac{1}{40}$	$\frac{41}{480}$	$\frac{1}{4}$	$\frac{39}{80}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{3}\ \Phi_{120}^{3}\ \Phi_{96}^{3}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
83638	1317	2560	$\frac{37}{1280}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1243}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
83639	1317	504	$\frac{2}{63}$	$\frac{65}{504}$	$\frac{1}{7}$	$\frac{61}{126}$	$\Phi_{504}^{3}\ \Phi_{252}^{3}\ \Phi_{168}^{3}\ \Phi_{84}^{3}\ \Phi_{72}^{3}\ \Phi_{63}^{3}\ \Phi_{56}^{3}\ \Phi_{36}^{3}\ \Phi_{28}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
83640	1317	2552	$\frac{41}{1276}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1235}{2552}$	$\Phi_{2552}\ \Phi_{232}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
83641	1317	2548	$\frac{43}{1274}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1231}{2548}$	$\Phi_{2548}\ \Phi_{364}\ \Phi_{196}\ \Phi_{52}\ \Phi_{49}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
83642	1317	1408	$\frac{3}{88}$	$\frac{91}{1408}$	$\frac{1}{4}$	$\frac{85}{176}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{128}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
83643	1317	490	$\frac{2}{49}$	$\frac{51}{490}$	$\frac{1}{7}$	$\frac{47}{98}$	$\Phi_{490}^{3}\ \Phi_{245}^{3}\ \Phi_{70}^{3}\ \Phi_{49}^{3}\ \Phi_{35}^{3}\ \Phi_{10}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
83644	1317	840	$\frac{1}{28}$	$\frac{19}{420}$	$\frac{9}{28}$	$\frac{401}{840}$	$\Phi_{840}^{3}\ \Phi_{280}^{3}\ \Phi_{168}^{3}\ \Phi_{120}^{3}\ \Phi_{56}^{3}\ \Phi_{40}^{3}\ \Phi_{28}^{2}\ \Phi_{24}^{3}\ \Phi_{14}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
83645	1317	840	$\frac{19}{420}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{401}{840}$	$\Phi_{840}^{3}\ \Phi_{280}^{3}\ \Phi_{168}^{3}\ \Phi_{120}^{3}\ \Phi_{56}^{3}\ \Phi_{40}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
83646	1317	840	$\frac{19}{420}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{401}{840}$	$\Phi_{840}^{3}\ \Phi_{280}^{3}\ \Phi_{168}^{3}\ \Phi_{120}^{3}\ \Phi_{70}\ \Phi_{56}^{3}\ \Phi_{40}^{3}\ \Phi_{35}\ \Phi_{24}^{3}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{5}\ \Phi_{1}$
83647	1317	840	$\frac{19}{420}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{401}{840}$	$\Phi_{840}^{3}\ \Phi_{280}^{3}\ \Phi_{168}^{3}\ \Phi_{120}^{3}\ \Phi_{56}^{3}\ \Phi_{40}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
83648	1317	532	$\frac{13}{266}$	$\frac{1}{14}$	$\frac{93}{532}$	$\frac{253}{532}$	$\Phi_{532}^{2}\ \Phi_{266}^{3}\ \Phi_{133}^{3}\ \Phi_{76}^{2}\ \Phi_{38}^{3}\ \Phi_{28}^{2}\ \Phi_{19}^{3}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
83649	1317	836	$\frac{1}{22}$	$\frac{21}{418}$	$\frac{1}{4}$	$\frac{397}{836}$	$\Phi_{836}\ \Phi_{418}^{2}\ \Phi_{209}^{2}\ \Phi_{76}\ \Phi_{44}^{3}\ \Phi_{38}^{2}\ \Phi_{22}^{3}\ \Phi_{19}^{2}\ \Phi_{11}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
83650	1317	1792	$\frac{1}{28}$	$\frac{27}{448}$	$\frac{475}{1792}$	$\frac{421}{896}$	$\Phi_{1792}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
83651	1317	2464	$\frac{3}{88}$	$\frac{85}{1232}$	$\frac{1}{4}$	$\frac{1147}{2464}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{224}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
83652	1317	2464	$\frac{1}{28}$	$\frac{85}{1232}$	$\frac{27}{112}$	$\frac{1147}{2464}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
83653	1317	1360	$\frac{43}{1360}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{272}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{68}\ \Phi_{40}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
83654	1317	462	$\frac{23}{462}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{462}^3\ \Phi_{231}^3\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{21}^3\ \Phi_{11}^3\ \Phi_{7}^2\ \Phi_{3}^3\ \Phi_{1}^3$
83655	1317	800	$\frac{1}{40}$	$\frac{39}{400}$	$\frac{1}{4}$	$\frac{361}{800}$	$\Phi_{800}^3\ \Phi_{160}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_{8}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
83656	1317	792	$\frac{1}{44}$	$\frac{43}{396}$	$\frac{1}{4}$	$\frac{353}{792}$	$\Phi_{792}^3\ \Phi_{264}^3\ \Phi_{88}^3\ \Phi_{72}^3\ \Phi_{44}^3\ \Phi_{24}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
83657	1317	784	$\frac{1}{28}$	$\frac{47}{392}$	$\frac{9}{56}$	$\frac{345}{784}$	$\Phi_{784}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
83658	1317	784	$\frac{2}{49}$	$\frac{47}{392}$	$\frac{1}{7}$	$\frac{345}{784}$	$\Phi_{784}^3\ \Phi_{112}^3\ \Phi_{49}^3\ \Phi_{16}^3\ \Phi_{7}^2\ \Phi_{1}^3$
83659	1317	1372	$\frac{55}{1372}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{1372}\ \Phi_{686}\ \Phi_{343}\ \Phi_{196}\ \Phi_{49}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
83660	1317	448	$\frac{9}{448}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{64}^3\ \Phi_{56}^3\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{8}^3\ \Phi_{7}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
83661	1317	1540	$\frac{1}{55}$	$\frac{54}{385}$	$\frac{1}{4}$	$\frac{331}{770}$	$\Phi_{1540}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}^2\ \Phi_{140}\ \Phi_{110}\ \Phi_{77}\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
83662	1317	756	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{61}{378}$	$\frac{317}{756}$	$\Phi_{756}^3\ \Phi_{252}^3\ \Phi_{108}^3\ \Phi_{84}^3\ \Phi_{63}^3\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_{9}^3\ \Phi_{7}^2\ \Phi_{4}^3\ \Phi_{3}^3\ \Phi_{1}^3$
83663	1317	752	$\frac{1}{94}$	$\frac{63}{376}$	$\frac{31}{94}$	$\frac{313}{752}$	$\Phi_{752}^3\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{16}^3\ \Phi_{2}^2\ \Phi_{1}^3$
83664	1317	2240	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{197}{1120}$	$\frac{923}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
83665	1317	1400	$\frac{83}{1400}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{57}{140}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{100}\ \Phi_{70}\ \Phi_{56}\ \Phi_{50}\ \Phi_{40}\ \Phi_{35}\ \Phi_{25}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
83666	1317	2200	$\frac{3}{220}$	$\frac{217}{1100}$	$\frac{1}{4}$	$\frac{883}{2200}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{220}\ \Phi_{200}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
83667	1317	1880	$\frac{1}{94}$	$\frac{93}{470}$	$\frac{563}{1880}$	$\frac{377}{940}$	$\Phi_{1880}\ \Phi_{470}\ \Phi_{376}\ \Phi_{235}\ \Phi_{40}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
83668	1317	2128	$\frac{13}{266}$	$\frac{1}{14}$	$\frac{253}{1064}$	$\frac{811}{2128}$	$\Phi_{2128}\ \Phi_{304}\ \Phi_{266}\ \Phi_{133}\ \Phi_{112}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{1}$
83669	1317	704	$\frac{1}{88}$	$\frac{87}{352}$	$\frac{1}{4}$	$\frac{265}{704}$	$\Phi_{704}^3\ \Phi_{88}^3\ \Phi_{64}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
83670	1317	656	$\frac{5}{656}$	$\frac{1}{4}$	$\frac{217}{656}$	$\frac{3}{8}$	$\Phi_{656}^2\ \Phi_{328}^2\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{16}^2\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
83671	1317	1328	$\frac{11}{1328}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1328}\ \Phi_{664}\ \Phi_{332}\ \Phi_{166}\ \Phi_{83}\ \Phi_{8}\ \Phi_{1}$
83672	1317	1640	$\frac{5}{328}$	$\frac{323}{1640}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{410}\ \Phi_{205}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
83673	1317	448	$\frac{9}{448}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{64}^3\ \Phi_{56}^3\ \Phi_{32}^2\ \Phi_{28}^3\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_{8}^3\ \Phi_{7}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
83674	1317	448	$\frac{9}{448}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{64}^3\ \Phi_{56}^3\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{16}^3\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{4}^3\ \Phi_{1}^3$
83675	1317	672	$\frac{1}{28}$	$\frac{9}{112}$	$\frac{103}{336}$	$\frac{233}{672}$	$\Phi_{672}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{56}^3\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
83676	1317	564	$\frac{1}{94}$	$\frac{125}{564}$	$\frac{31}{94}$	$\frac{63}{188}$	$\Phi_{564}^3\ \Phi_{282}^3\ \Phi_{141}^3\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
83677	1317	660	$\frac{1}{110}$	$\frac{1}{4}$	$\frac{109}{330}$	$\frac{221}{660}$	$\Phi_{660}\ \Phi_{330}^2\ \Phi_{220}^3\ \Phi_{165}^2\ \Phi_{132}\ \Phi_{110}^3\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{55}^3\ \Phi_{44}^3\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^3\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{11}^3\ \Phi_{10}^3\ \Phi_{6}^2\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^3$
83678	1317	528	$\frac{1}{44}$	$\frac{89}{528}$	$\frac{1}{4}$	$\frac{43}{132}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{88}^3\ \Phi_{48}^3\ \Phi_{44}^3\ \Phi_{24}^3\ \Phi_{22}^3\ \Phi_{16}^3\ \Phi_{11}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
83679	1317	651	$\frac{5}{217}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{212}{651}$	$\Phi_{651}^3\ \Phi_{93}^3\ \Phi_{21}^3\ \Phi_{7}^2\ \Phi_{3}^3\ \Phi_{1}^3$
83680	1317	567	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{128}{567}$	$\frac{61}{189}$	$\Phi_{567}^3\ \Phi_{81}^3\ \Phi_{63}^3\ \Phi_{21}^3\ \Phi_{9}^3\ \Phi_{7}^2\ \Phi_{3}^3\ \Phi_{1}^3$
83681	1317	648	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{209}{648}$	$\Phi_{648}^3\ \Phi_{324}^3\ \Phi_{162}^3\ \Phi_{81}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
83682	1317	504	$\frac{1}{28}$	$\frac{65}{504}$	$\frac{19}{84}$	$\frac{9}{28}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{9}^3\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
83683	1317	560	$\frac{1}{28}$	$\frac{19}{140}$	$\frac{121}{560}$	$\frac{9}{28}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
83684	1317	480	$\frac{1}{20}$	$\frac{41}{480}$	$\frac{1}{4}$	$\frac{19}{60}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
83685	1317	640	$\frac{37}{640}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{201}{640}$	$\Phi_{640}^2\ \Phi_{320}^2\ \Phi_{160}^2\ \Phi_{128}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
83686	1317	637	$\frac{43}{637}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{198}{637}$	$\Phi_{637}^2\ \Phi_{91}^2\ \Phi_{49}^3\ \Phi_{13}^2\ \Phi_7^2\ \Phi_1^3$
83687	1317	630	$\frac{1}{14}$	$\frac{19}{210}$	$\frac{13}{70}$	$\frac{191}{630}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{126}^3\ \Phi_{90}^3\ \Phi_{70}\ \Phi_{63}^3\ \Phi_{45}^3\ \Phi_{35}\ \Phi_{18}^3\ \Phi_{10}\ \Phi_9^3\ \Phi_5\ \Phi_1$
83688	1317	630	$\frac{19}{210}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{191}{630}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{126}^3\ \Phi_{90}^3\ \Phi_{63}^3\ \Phi_{45}^3\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
83689	1317	924	$\frac{23}{462}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{924}^2\ \Phi_{462}\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{77}\ \Phi_{44}^2\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{11}\ \Phi_7\ \Phi_4\ \Phi_3\ \Phi_1$
83690	1317	456	$\frac{17}{456}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{152}^3\ \Phi_{114}^3\ \Phi_{76}^3\ \Phi_{57}^3\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
83691	1317	616	$\frac{3}{88}$	$\frac{85}{616}$	$\frac{1}{4}$	$\frac{177}{616}$	$\Phi_{616}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{88}^3\ \Phi_{77}^2\ \Phi_{56}^2\ \Phi_{44}^3\ \Phi_{28}^2\ \Phi_{22}^3\ \Phi_{14}^2\ \Phi_{11}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
83692	1317	490	$\frac{1}{14}$	$\frac{51}{490}$	$\frac{13}{70}$	$\frac{19}{70}$	$\Phi_{490}^3\ \Phi_{245}^3\ \Phi_{98}^3\ \Phi_{70}\ \Phi_{49}^3\ \Phi_{35}\ \Phi_{10}\ \Phi_5\ \Phi_1$
83693	1317	600	$\frac{1}{40}$	$\frac{39}{200}$	$\frac{1}{4}$	$\frac{161}{600}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
83694	1317	900	$\frac{11}{450}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{900}^2\ \Phi_{450}\ \Phi_{300}^2\ \Phi_{225}\ \Phi_{180}^2\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
83695	1317	588	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{47}{196}$	$\frac{149}{588}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{147}^3\ \Phi_{84}^3\ \Phi_{49}^3\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
83696	1317	580	$\frac{4}{145}$	$\frac{1}{5}$	$\frac{141}{580}$	$\frac{1}{4}$	$\Phi_{580}^2\ \Phi_{290}^2\ \Phi_{145}^3\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
83697	1317	576	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{137}{576}$	$\frac{1}{4}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
83698	1317	572	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{133}{572}$	$\frac{1}{4}$	$\Phi_{572}^2\ \Phi_{286}^2\ \Phi_{143}^3\ \Phi_{52}^2\ \Phi_{44}^3\ \Phi_{26}^2\ \Phi_{22}^3\ \Phi_{13}^3\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
83699	1317	480	$\frac{3}{40}$	$\frac{41}{480}$	$\frac{37}{160}$	$\frac{1}{4}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^2\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^2\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
83700	1317	560	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{121}{560}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
83701	1317	1600	$\frac{3}{40}$	$\frac{37}{320}$	$\frac{283}{1600}$	$\frac{1}{4}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
83702	1317	1400	$\frac{83}{1400}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
83703	1317	520	$\frac{17}{260}$	$\frac{3}{20}$	$\frac{81}{520}$	$\frac{1}{4}$	$\Phi_{520}^3\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{104}^3\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{40}^3\ \Phi_{26}^2\ \Phi_{20}^3\ \Phi_{13}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
83704	1317	480	$\frac{41}{480}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{4}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
83705	1317	504	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{504}$	$\frac{1}{4}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
83706	1317	504	$\frac{2}{21}$	$\frac{65}{504}$	$\frac{1}{7}$	$\frac{19}{84}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
83707	1317	560	$\frac{1}{14}$	$\frac{19}{140}$	$\frac{13}{70}$	$\frac{121}{560}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}\ \Phi_{16}^3\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_1$
83708	1317	525	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{86}{525}$	$\frac{19}{105}$	$\Phi_{525}^3\ \Phi_{175}^3\ \Phi_{75}^3\ \Phi_{25}^3\ \Phi_{21}^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
83709	1318	1314	$\frac{2}{657}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{655}{1314}$	$\Phi_{1314}^2\ \Phi_{438}^2\ \Phi_{146}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83710	1318	2640	$\frac{1}{220}$	$\frac{221}{880}$	$\frac{1}{3}$	$\frac{219}{440}$	$\Phi_{2640}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{240}\ \Phi_{165}\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}\ \Phi_{48}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
83711	1318	3936	$\frac{3}{656}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{653}{1312}$	$\Phi_{3936}\ \Phi_{96}\ \Phi_{12}\ \Phi_6$
83712	1318	3930	$\frac{4}{655}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{651}{1310}$	$\Phi_{3930}\ \Phi_{786}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
83713	1318	792	$\frac{1}{132}$	$\frac{133}{792}$	$\frac{1}{3}$	$\frac{131}{264}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{72}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83714	1318	1308	$\frac{5}{654}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{649}{1308}$	$\Phi_{1308}^2\ \Phi_{436}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
83715	1318	1305	$\frac{13}{1305}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{646}{1305}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{145}\ \Phi_{87}\ \Phi_{45}\ \Phi_{29}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
83716	1318	3900	$\frac{9}{650}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{641}{1300}$	$\Phi_{3900}\ \Phi_{780}\ \Phi_{300}\ \Phi_{156}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
83717	1318	3894	$\frac{10}{649}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{639}{1298}$	$\Phi_{3894}\ \Phi_{354}\ \Phi_{66}\ \Phi_{33}\ \Phi_6$
83718	1318	720	$\frac{1}{60}$	$\frac{61}{720}$	$\frac{1}{3}$	$\frac{59}{120}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83719	1318	1296	$\frac{11}{648}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{637}{1296}$	$\Phi_{1296}^2\ \Phi_{432}^2\ \Phi_{144}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83720	1318	1290	$\frac{14}{645}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{631}{1290}$	$\Phi_{1290}^2\ \Phi_{430}^2\ \Phi_{258}^2\ \Phi_{86}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83721	1318	2112	$\frac{1}{44}$	$\frac{45}{704}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
83722	1318	1287	$\frac{31}{1287}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{628}{1287}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{39}\ \Phi_{33}^2\ \Phi_{13}\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
83723	1318	3840	$\frac{19}{640}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{621}{1280}$	$\Phi_{3840}\ \Phi_{768}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
83724	1318	3828	$\frac{21}{638}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{617}{1276}$	$\Phi_{3828}\ \Phi_{348}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
83725	1318	1260	$\frac{1}{30}$	$\frac{29}{630}$	$\frac{1}{3}$	$\frac{601}{1260}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83726	1318	2040	$\frac{21}{680}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{102}\ \Phi_{60}\ \Phi_{51}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
83727	1318	1254	$\frac{1}{33}$	$\frac{32}{627}$	$\frac{1}{3}$	$\frac{595}{1254}$	$\Phi_{1254}^2\ \Phi_{418}^2\ \Phi_{114}^2\ \Phi_{66}^2\ \Phi_{38}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83728	1318	3696	$\frac{1}{44}$	$\frac{43}{616}$	$\frac{1}{3}$	$\frac{573}{1232}$	$\Phi_{3696}\ \Phi_{528}\ \Phi_{336}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
83729	1318	672	$\frac{13}{672}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83730	1318	3630	$\frac{1}{55}$	$\frac{54}{605}$	$\frac{1}{3}$	$\frac{551}{1210}$	$\Phi_{3630}\ \Phi_{726}\ \Phi_{330}\ \Phi_{165}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
83731	1318	1200	$\frac{1}{60}$	$\frac{59}{600}$	$\frac{1}{3}$	$\frac{541}{1200}$	$\Phi_{1200}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83732	1318	1188	$\frac{1}{66}$	$\frac{65}{594}$	$\frac{1}{3}$	$\frac{529}{1188}$	$\Phi_{1188}^2\ \Phi_{396}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83733	1318	1155	$\frac{2}{165}$	$\frac{163}{1155}$	$\frac{1}{3}$	$\frac{496}{1155}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}^2\ \Phi_{105}\ \Phi_{77}\ \Phi_{55}^2\ \Phi_{35}\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
83734	1318	3300	$\frac{1}{110}$	$\frac{109}{550}$	$\frac{1}{3}$	$\frac{441}{1100}$	$\Phi_{3300}\ \Phi_{660}\ \Phi_{330}\ \Phi_{300}\ \Phi_{165}\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
83735	1318	1056	$\frac{1}{132}$	$\frac{131}{528}$	$\frac{1}{3}$	$\frac{397}{1056}$	$\Phi_{1056}^2\ \Phi_{352}^2\ \Phi_{132}^2\ \Phi_{96}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{32}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83736	1318	1992	$\frac{5}{664}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1992}\ \Phi_{996}\ \Phi_{498}\ \Phi_{249}\ \Phi_{12}\ \Phi_6$
83737	1318	990	$\frac{1}{165}$	$\frac{164}{495}$	$\frac{1}{3}$	$\frac{331}{990}$	$\Phi_{990}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83738	1318	876	$\frac{2}{219}$	$\frac{217}{876}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{876}^2\ \Phi_{438}^2\ \Phi_{292}^2\ \Phi_{146}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83739	1318	666	$\frac{7}{666}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{666}^2\ \Phi_{333}^2\ \Phi_{222}^2\ \Phi_{111}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83740	1318	984	$\frac{3}{328}$	$\frac{1}{4}$	$\frac{325}{984}$	$\frac{1}{3}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{328}^2\ \Phi_{246}\ \Phi_{164}^2\ \Phi_{123}\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{24}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83741	1318	792	$\frac{1}{66}$	$\frac{133}{792}$	$\frac{65}{198}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83742	1318	720	$\frac{1}{30}$	$\frac{61}{720}$	$\frac{29}{90}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83743	1318	972	$\frac{11}{324}$	$\frac{1}{12}$	$\frac{313}{972}$	$\frac{1}{3}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{243}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83744	1318	960	$\frac{1}{20}$	$\frac{19}{320}$	$\frac{301}{960}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}^2\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83745	1318	693	$\frac{34}{693}$	$\frac{2}{33}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
83746	1318	684	$\frac{25}{684}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83747	1318	675	$\frac{16}{675}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}^2\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
83748	1318	924	$\frac{1}{44}$	$\frac{43}{308}$	$\frac{265}{924}$	$\frac{1}{3}$	$\Phi_{924}\ \Phi_{462}\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}\ \Phi_{33}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83749	1318	900	$\frac{1}{60}$	$\frac{59}{300}$	$\frac{241}{900}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83750	1318	2460	$\frac{3}{164}$	$\frac{161}{820}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{615}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
83751	1318	672	$\frac{13}{672}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83752	1318	870	$\frac{13}{435}$	$\frac{2}{15}$	$\frac{211}{870}$	$\frac{1}{3}$	$\Phi_{870}^2\ \Phi_{435}\ \Phi_{290}^2\ \Phi_{174}^2\ \Phi_{145}\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{30}^2\ \Phi_{29}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83753	1318	720	$\frac{1}{20}$	$\frac{61}{720}$	$\frac{19}{80}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83754	1318	864	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{205}{864}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83755	1318	858	$\frac{2}{33}$	$\frac{31}{429}$	$\frac{199}{858}$	$\frac{1}{3}$	$\Phi_{858}^2\ \Phi_{429}\ \Phi_{286}^2\ \Phi_{143}\ \Phi_{78}^2\ \Phi_{66}^2\ \Phi_{39}\ \Phi_{33}^2\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{13}\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83756	1318	840	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{181}{840}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83757	1318	2100	$\frac{41}{700}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
83758	1318	2400	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{141}{800}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
83759	1318	780	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{121}{780}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83760	1318	720	$\frac{1}{12}$	$\frac{61}{720}$	$\frac{11}{72}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83761	1318	756	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{756}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83762	1320	987	$\frac{1}{329}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{164}{329}$	$\Phi_{987}\ \Phi_{329}^2\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
83763	1320	1319	$\frac{5}{1319}$	$\frac{331}{1319}$	$\frac{494}{1319}$	$\frac{657}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83764	1320	2104	$\frac{1}{263}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{131}{263}$	$\Phi_{2104}\ \Phi_{263}\ \Phi_8^2\ \Phi_1^2$
83765	1320	1983	$\frac{3}{661}$	$\frac{166}{661}$	$\frac{1}{3}$	$\frac{329}{661}$	Φ_{1983}
83766	1320	1095	$\frac{1}{219}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{109}{219}$	$\Phi_{1095}\ \Phi_{365}\ \Phi_{219}^2\ \Phi_{73}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
83767	1320	876	$\frac{1}{219}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{109}{219}$	$\Phi_{876}^2\ \Phi_{438}^2\ \Phi_{292}^2\ \Phi_{146}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
83768	1320	1319	$\frac{7}{1319}$	$\frac{221}{1319}$	$\frac{549}{1319}$	$\frac{656}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83769	1320	2296	$\frac{1}{164}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{163}{328}$	$\Phi_{2296}\ \Phi_{328}^2\ \Phi_{56}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
83770	1320	4920	$\frac{1}{164}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{163}{328}$	$\Phi_{4920}\ \Phi_{120}\ \Phi_{15}$
83771	1320	588	$\frac{1}{147}$	$\frac{1}{4}$	$\frac{37}{147}$	$\frac{73}{147}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{196}^3\ \Phi_{98}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
83772	1320	1319	$\frac{9}{1319}$	$\frac{329}{1319}$	$\frac{332}{1319}$	$\frac{655}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83773	1320	1983	$\frac{5}{661}$	$\frac{111}{661}$	$\frac{1}{3}$	$\frac{328}{661}$	Φ_{1983}
83774	1320	1179	$\frac{1}{131}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{65}{131}$	$\Phi_{1179}\ \Phi_{393}\ \Phi_{131}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
83775	1320	786	$\frac{1}{131}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{65}{131}$	$\Phi_{786}^2\ \Phi_{393}\ \Phi_{262}^2\ \Phi_{131}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
83776	1320	1319	$\frac{11}{1319}$	$\frac{133}{1319}$	$\frac{593}{1319}$	$\frac{654}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83777	1320	2380	$\frac{1}{119}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{59}{119}$	$\Phi_{2380}\ \Phi_{476}\ \Phi_{340}\ \Phi_{140}\ \Phi_{119}\ \Phi_{68}\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
83778	1320	1785	$\frac{1}{119}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{59}{119}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}\ \Phi_{15}^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
83779	1320	1199	$\frac{1}{109}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{54}{109}$	$\Phi_{1199}\ \Phi_{109}^2\ \Phi_{11}^2\ \Phi_1^4$
83780	1320	2289	$\frac{1}{109}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{54}{109}$	$\Phi_{2289}\ \Phi_{21}^2$
83781	1320	1199	$\frac{1}{109}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{54}{109}$	$\Phi_{1199}\ \Phi_{109}^2\ \Phi_{11}^2\ \Phi_1^4$
83782	1320	2180	$\frac{1}{109}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{54}{109}$	$\Phi_{2180}\ \Phi_{1090}\ \Phi_{20}^2\ \Phi_{10}^2$
83783	1320	1319	$\frac{13}{1319}$	$\frac{111}{1319}$	$\frac{604}{1319}$	$\frac{653}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83784	1320	1590	$\frac{3}{265}$	$\frac{1}{6}$	$\frac{67}{265}$	$\frac{131}{265}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{530}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
83785	1320	2436	$\frac{1}{87}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{43}{87}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{348}\ \Phi_{116}\ \Phi_{87}\ \Phi_{84}\ \Phi_{29}\ \Phi_{28}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
83786	1320	609	$\frac{1}{87}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{43}{87}$	$\Phi_{609}^2\ \Phi_{203}^2\ \Phi_{87}^3\ \Phi_{29}^3\ \Phi_{21}^2\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
83787	1320	348	$\frac{1}{87}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{43}{87}$	$\Phi_{348}^5\ \Phi_{174}^2\ \Phi_{116}^5\ \Phi_{87}^3\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_{12}^7\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
83788	1320	1319	$\frac{17}{1319}$	$\frac{167}{1319}$	$\frac{384}{1319}$	$\frac{651}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83789	1320	1319	$\frac{17}{1319}$	$\frac{197}{1319}$	$\frac{334}{1319}$	$\frac{651}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83790	1320	1547	$\frac{3}{221}$	$\frac{1}{7}$	$\frac{56}{221}$	$\frac{109}{221}$	$\Phi_{1547}\ \Phi_{119}\ \Phi_{91}$
83791	1320	1983	$\frac{9}{661}$	$\frac{67}{661}$	$\frac{1}{3}$	$\frac{326}{661}$	Φ_{1983}
83792	1320	868	$\frac{3}{217}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{107}{217}$	$\Phi_{868}^2\ \Phi_{434}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_4^2\ \Phi_2^2$
83793	1320	1319	$\frac{19}{1319}$	$\frac{223}{1319}$	$\frac{274}{1319}$	$\frac{650}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83794	1320	1655	$\frac{5}{331}$	$\frac{56}{331}$	$\frac{1}{5}$	$\frac{163}{331}$	Φ_{1655}
83795	1320	1235	$\frac{1}{65}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{32}{65}$	$\Phi_{1235}\ \Phi_{247}\ \Phi_{95}\ \Phi_{65}^2\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
83796	1320	2145	$\frac{1}{65}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{32}{65}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{165}\ \Phi_{33}^2$
83797	1320	1235	$\frac{1}{65}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{32}{65}$	$\Phi_{1235}\ \Phi_{247}\ \Phi_{95}\ \Phi_{65}^2\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
83798	1320	390	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{32}{65}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{39}^4\ \Phi_{30}^5\ \Phi_{26}^4\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
83799	1320	252	$\frac{1}{63}$	$\frac{8}{63}$	$\frac{1}{4}$	$\frac{31}{63}$	$\Phi_{252}^7\ \Phi_{126}^7\ \Phi_{84}^7\ \Phi_{42}^7\ \Phi_{36}^7\ \Phi_{28}^7\ \Phi_{18}^7\ \Phi_{14}^7\ \Phi_{12}^7\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
83800	1320	1319	$\frac{21}{1319}$	$\frac{67}{1319}$	$\frac{626}{1319}$	$\frac{649}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83801	1320	1319	$\frac{21}{1319}$	$\frac{134}{1319}$	$\frac{395}{1319}$	$\frac{649}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83802	1320	1319	$\frac{21}{1319}$	$\frac{164}{1319}$	$\frac{335}{1319}$	$\frac{649}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83803	1320	1983	$\frac{11}{661}$	$\frac{56}{661}$	$\frac{1}{3}$	$\frac{325}{661}$	Φ_{1983}
83804	1320	1239	$\frac{1}{59}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{29}{59}$	$\Phi_{1239}\ \Phi_{413}\ \Phi_{177}\ \Phi_{59}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
83805	1320	708	$\frac{1}{59}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{29}{59}$	$\Phi_{708}^2\ \Phi_{354}^2\ \Phi_{236}^2\ \Phi_{177}\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
83806	1320	826	$\frac{1}{59}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{29}{59}$	$\Phi_{826}^2\ \Phi_{413}\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
83807	1320	1319	$\frac{23}{1319}$	$\frac{61}{1319}$	$\frac{629}{1319}$	$\frac{648}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83808	1320	2484	$\frac{1}{54}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{53}{108}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{276}\ \Phi_{108}^2\ \Phi_{92}\ \Phi_{36}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
83809	1320	1404	$\frac{1}{54}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{53}{108}$	$\Phi_{1404}^2\ \Phi_{468}^2\ \Phi_{156}^2\ \Phi_{52}^2\ \Phi_{39}$
83810	1320	2484	$\frac{1}{54}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{53}{108}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{276}\ \Phi_{108}^2\ \Phi_{92}\ \Phi_{36}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
83811	1320	108	$\frac{1}{54}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{53}{108}$	$\Phi_{108}^8\ \Phi_{54}^{16}\ \Phi_{36}^9\ \Phi_{27}^{16}\ \Phi_{18}^{17}\ \Phi_{12}^9\ \Phi_9^{16}\ \Phi_6^{17}\ \Phi_4^8\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{16}$
83812	1320	2484	$\frac{1}{54}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{53}{108}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{276}\ \Phi_{108}^2\ \Phi_{92}\ \Phi_{36}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
83813	1320	3780	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{53}{108}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{420}\ \Phi_{140}\ \Phi_{35}$
83814	1320	318	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{9}{53}$	$\frac{26}{53}$	$\Phi_{318}^5\ \Phi_{159}^5\ \Phi_{106}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
83815	1320	1319	$\frac{25}{1319}$	$\frac{219}{1319}$	$\frac{224}{1319}$	$\frac{647}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83816	1320	196	$\frac{1}{49}$	$\frac{5}{49}$	$\frac{1}{4}$	$\frac{24}{49}$	$\Phi_{196}^9\ \Phi_{98}^9\ \Phi_{28}^9\ \Phi_{14}^9\ \Phi_4^8\ \Phi_2^8$
83817	1320	1463	$\frac{3}{133}$	$\frac{1}{11}$	$\frac{34}{133}$	$\frac{65}{133}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{77}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
83818	1320	1247	$\frac{1}{43}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{21}{43}$	$\Phi_{1247}\ \Phi_{43}^2\ \Phi_{29}^2\ \Phi_1^4$
83819	1320	2064	$\frac{1}{43}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{516}\ \Phi_{258}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
83820	1320	1247	$\frac{1}{43}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{21}{43}$	$\Phi_{1247}\ \Phi_{43}^2\ \Phi_{29}^2\ \Phi_1^4$
83821	1320	1892	$\frac{1}{43}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{21}{43}$	$\Phi_{1892}\ \Phi_{946}\ \Phi_{44}^2\ \Phi_{22}^2$
83822	1320	1247	$\frac{1}{43}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{21}{43}$	$\Phi_{1247}\ \Phi_{43}^2\ \Phi_{29}^2\ \Phi_1^4$
83823	1320	1806	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{21}{43}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{602}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
83824	1320	1319	$\frac{31}{1319}$	$\frac{45}{1319}$	$\frac{637}{1319}$	$\frac{644}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83825	1320	1319	$\frac{31}{1319}$	$\frac{135}{1319}$	$\frac{296}{1319}$	$\frac{644}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83826	1320	1452	$\frac{3}{121}$	$\frac{1}{12}$	$\frac{31}{121}$	$\frac{59}{121}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{484}\ \Phi_{363}\ \Phi_{242}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
83827	1320	1319	$\frac{33}{1319}$	$\frac{169}{1319}$	$\frac{230}{1319}$	$\frac{643}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83828	1320	2496	$\frac{1}{39}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{19}{39}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{192}\ \Phi_{64}^2\ \Phi_{39}\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
83829	1320	624	$\frac{1}{39}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{19}{39}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{48}^2\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{16}^4\ \Phi_{13}^3\ \Phi_{12}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
83830	1320	156	$\frac{1}{39}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{19}{39}$	$\Phi_{156}^8\ \Phi_{78}^8\ \Phi_{52}^8\ \Phi_{39}^9\ \Phi_{26}^8\ \Phi_{13}^9\ \Phi_{12}^{11}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
83831	1320	1560	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{19}{39}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}\ \Phi_{65}\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{39}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
83832	1320	1590	$\frac{7}{265}$	$\frac{34}{265}$	$\frac{1}{6}$	$\frac{129}{265}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{530}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
83833	1320	962	$\frac{1}{37}$	$\frac{1}{13}$	$\frac{19}{74}$	$\frac{18}{37}$	$\Phi_{962}^2\ \Phi_{481}\ \Phi_{26}^2$
83834	1320	1655	$\frac{9}{331}$	$\frac{34}{331}$	$\frac{1}{5}$	$\frac{161}{331}$	Φ_{1655}
83835	1320	1319	$\frac{37}{1319}$	$\frac{98}{1319}$	$\frac{339}{1319}$	$\frac{641}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83836	1320	1983	$\frac{19}{661}$	$\frac{34}{661}$	$\frac{1}{3}$	$\frac{321}{661}$	Φ_{1983}
83837	1320	1319	$\frac{41}{1319}$	$\frac{68}{1319}$	$\frac{417}{1319}$	$\frac{639}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83838	1320	1319	$\frac{41}{1319}$	$\frac{89}{1319}$	$\frac{340}{1319}$	$\frac{639}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83839	1320	1344	$\frac{1}{32}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{1344}^2\ \Phi_{448}^2\ \Phi_{192}\ \Phi_{64}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
83840	1320	832	$\frac{1}{32}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{31}{64}$	$\Phi_{832}^3\ \Phi_{64}^4\ \Phi_{13}^3\ \Phi_1^4$
83841	1320	3520	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{31}{64}$	$\Phi_{3520}\ \Phi_{55}$
83842	1320	2496	$\frac{1}{32}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{31}{64}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{192}\ \Phi_{64}^2\ \Phi_{39}\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
83843	1320	576	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{31}{64}$	$\Phi_{576}^5\ \Phi_{192}^3\ \Phi_{64}^4\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
83844	1320	1983	$\frac{21}{661}$	$\frac{31}{661}$	$\frac{1}{3}$	$\frac{320}{661}$	Φ_{1983}
83845	1320	1424	$\frac{3}{89}$	$\frac{1}{16}$	$\frac{23}{89}$	$\frac{43}{89}$	$\Phi_{1424}\ \Phi_{712}\ \Phi_{356}\ \Phi_{178}$
83846	1320	1319	$\frac{45}{1319}$	$\frac{62}{1319}$	$\frac{419}{1319}$	$\frac{637}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83847	1320	2001	$\frac{1}{29}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{2001}\ \Phi_{69}^2$
83848	1320	1247	$\frac{1}{29}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{14}{29}$	$\Phi_{1247}\ \Phi_{43}^2\ \Phi_{29}^2\ \Phi_1^4$
83849	1320	1740	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{14}{29}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{290}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2$
83850	1320	1319	$\frac{49}{1319}$	$\frac{114}{1319}$	$\frac{241}{1319}$	$\frac{635}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83851	1320	1463	$\frac{5}{133}$	$\frac{1}{11}$	$\frac{23}{133}$	$\frac{64}{133}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{77}$
83852	1320	1319	$\frac{51}{1319}$	$\frac{137}{1319}$	$\frac{197}{1319}$	$\frac{634}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83853	1320	1547	$\frac{9}{221}$	$\frac{23}{221}$	$\frac{1}{7}$	$\frac{106}{221}$	$\Phi_{1547}\ \Phi_{119}\ \Phi_{91}$
83854	1320	1452	$\frac{5}{121}$	$\frac{1}{12}$	$\frac{21}{121}$	$\frac{58}{121}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{484}\ \Phi_{363}\ \Phi_{242}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
83855	1320	1590	$\frac{11}{265}$	$\frac{23}{265}$	$\frac{1}{6}$	$\frac{127}{265}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{530}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
83856	1320	1319	$\frac{55}{1319}$	$\frac{109}{1319}$	$\frac{229}{1319}$	$\frac{632}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83857	1320	1764	$\frac{19}{441}$	$\frac{23}{441}$	$\frac{1}{4}$	$\frac{211}{441}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{126}\ \Phi_{98}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
83858	1320	1319	$\frac{57}{1319}$	$\frac{65}{1319}$	$\frac{344}{1319}$	$\frac{631}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83859	1320	1311	$\frac{2}{57}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{1311}\ \Phi_{437}\ \Phi_{57}^2\ \Phi_{23}\ \Phi_{19}^2\ \Phi_1^2$
83860	1320	1863	$\frac{1}{27}$	$\frac{1}{23}$	$\frac{26}{81}$	$\frac{11}{23}$	$\Phi_{1863}\ \Phi_{81}^2\ \Phi_{23}\ \Phi_1^2$
83861	1320	1656	$\frac{1}{23}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{11}{23}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{92}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
83862	1320	621	$\frac{1}{23}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{11}{23}$	$\Phi_{621}^2\ \Phi_{207}^2\ \Phi_{69}^2\ \Phi_{27}^4\ \Phi_{23}^3\ \Phi_9^4\ \Phi_3^4\ \Phi_1^6$
83863	1320	276	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{23}$	$\Phi_{276}^5\ \Phi_{138}^4\ \Phi_{92}^5\ \Phi_{69}^4\ \Phi_{46}^4\ \Phi_{23}^5\ \Phi_{12}^{10}\ \Phi_6^8\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
83864	1320	1449	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{11}{23}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{161}\ \Phi_{63}^2\ \Phi_{23}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
83865	1320	1983	$\frac{23}{661}$	$\frac{29}{661}$	$\frac{1}{3}$	$\frac{316}{661}$	Φ_{1983}
83866	1320	1319	$\frac{61}{1319}$	$\frac{99}{1319}$	$\frac{230}{1319}$	$\frac{629}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83867	1320	651	$\frac{1}{31}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{651}^2\ \Phi_{217}^2\ \Phi_{93}^3\ \Phi_{31}^2$
83868	1320	1239	$\frac{2}{59}$	$\frac{1}{21}$	$\frac{19}{59}$	$\frac{10}{21}$	$\Phi_{1239}\ \Phi_{413}\ \Phi_{177}\ \Phi_{59}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
83869	1320	84	$\frac{1}{21}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{84}^{21}\ \Phi_{42}^{21}\ \Phi_{28}^{21}\ \Phi_{14}^{21}\ \Phi_{12}^{21}\ \Phi_6^{21}\ \Phi_4^{20}\ \Phi_2^{20}$
83870	1320	1239	$\frac{1}{21}$	$\frac{3}{59}$	$\frac{14}{59}$	$\frac{10}{21}$	$\Phi_{1239}\ \Phi_{413}\ \Phi_{177}\ \Phi_{59}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
83871	1320	1680	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{80}^2\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
83872	1320	1239	$\frac{1}{21}$	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{10}{21}$	$\Phi_{1239}\ \Phi_{413}\ \Phi_{177}\ \Phi_{59}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
83873	1320	546	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{10}{21}$	$\Phi_{546}^3\ \Phi_{273}^2\ \Phi_{182}^3\ \Phi_{91}^2\ \Phi_{78}^4\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{13}^2$
83874	1320	1239	$\frac{1}{21}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{10}{21}$	$\Phi_{1239}\ \Phi_{413}\ \Phi_{177}\ \Phi_{59}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
83875	1320	231	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{10}{21}$	$\Phi_{231}^6\ \Phi_{77}^7\ \Phi_{33}^6\ \Phi_{11}^6$
83876	1320	1403	$\frac{1}{23}$	$\frac{3}{61}$	$\frac{16}{61}$	$\frac{29}{61}$	Φ_{1403}
83877	1320	1319	$\frac{63}{1319}$	$\frac{67}{1319}$	$\frac{314}{1319}$	$\frac{626}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83878	1320	1938	$\frac{1}{34}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{1938}\ \Phi_{969}\ \Phi_{114}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_6^2$
83879	1320	1235	$\frac{2}{65}$	$\frac{1}{19}$	$\frac{21}{65}$	$\frac{9}{19}$	$\Phi_{1235}\ \Phi_{247}\ \Phi_{95}\ \Phi_{65}^2\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
83880	1320	1748	$\frac{1}{23}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{1748}\ \Phi_{874}\ \Phi_{92}^2\ \Phi_{46}^2$
83881	1320	665	$\frac{1}{19}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{665}^2\ \Phi_{133}^2\ \Phi_{95}\ \Phi_{35}^4\ \Phi_{19}^2\ \Phi_7^4\ \Phi_5^2\ \Phi_1^4$
83882	1320	247	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{9}{19}$	$\Phi_{247}^5\ \Phi_{19}^6\ \Phi_{13}^{10}\ \Phi_1^{12}$
83883	1320	1596	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{9}{19}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2$
83884	1320	418	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{5}{38}$	$\frac{9}{19}$	$\Phi_{418}^4\ \Phi_{209}^3\ \Phi_{22}^4\ \Phi_{11}^2$
83885	1320	2600	$\frac{1}{25}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
83886	1320	728	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{49}{104}$	$\Phi_{728}^4\ \Phi_{91}\ \Phi_{56}^4$
83887	1320	1452	$\frac{7}{121}$	$\frac{1}{12}$	$\frac{16}{121}$	$\frac{57}{121}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{484}\ \Phi_{363}\ \Phi_{242}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
83888	1320	119	$\frac{1}{17}$	$\frac{9}{119}$	$\frac{1}{7}$	$\frac{8}{17}$	$\Phi_{119}^{11}\ \Phi_{17}^{12}\ \Phi_7^{10}\ \Phi_1^{12}$
83889	1320	1319	$\frac{35}{1319}$	$\frac{81}{1319}$	$\frac{428}{1319}$	$\frac{619}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83890	1320	1319	$\frac{81}{1319}$	$\frac{104}{1319}$	$\frac{175}{1319}$	$\frac{619}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83891	1320	1655	$\frac{16}{331}$	$\frac{21}{331}$	$\frac{1}{5}$	$\frac{155}{331}$	Φ_{1655}
83892	1320	1319	$\frac{44}{1319}$	$\frac{85}{1319}$	$\frac{351}{1319}$	$\frac{617}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83893	1320	1983	$\frac{16}{661}$	$\frac{43}{661}$	$\frac{1}{3}$	$\frac{309}{661}$	Φ_{1983}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
83894	1320	465	$\frac{1}{31}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{465}^{3}\ \Phi_{155}^{3}\ \Phi_{93}^{3}\ \Phi_{31}^{2}$
83895	1320	1319	$\frac{32}{1319}$	$\frac{89}{1319}$	$\frac{429}{1319}$	$\frac{615}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
83896	1320	1319	$\frac{64}{1319}$	$\frac{89}{1319}$	$\frac{251}{1319}$	$\frac{615}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
83897	1320	1319	$\frac{47}{1319}$	$\frac{91}{1319}$	$\frac{318}{1319}$	$\frac{614}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
83898	1320	1260	$\frac{1}{45}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{1260}^{2}\ \Phi_{420}^{2}\ \Phi_{252}^{2}\ \Phi_{180}^{2}\ \Phi_{140}^{2}\ \Phi_{84}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
83899	1320	812	$\frac{1}{29}$	$\frac{1}{14}$	$\frac{7}{29}$	$\frac{13}{28}$	$\Phi_{812}^{3}\ \Phi_{116}^{3}\ \Phi_{29}^{3}\ \Phi_{28}^{4}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
83900	1320	3220	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{3220}\ \Phi_{460}\ \Phi_{115}$
83901	1320	2436	$\frac{1}{14}$	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{13}{28}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{348}\ \Phi_{116}\ \Phi_{87}\ \Phi_{84}\ \Phi_{29}\ \Phi_{28}^{2}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
83902	1320	252	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{13}{28}$	$\Phi_{252}^{5}\ \Phi_{126}^{6}\ \Phi_{84}^{3}\ \Phi_{63}^{6}\ \Phi_{42}^{4}\ \Phi_{36}^{8}\ \Phi_{28}^{4}\ \Phi_{21}^{4}\ \Phi_{18}^{9}\ \Phi_{14}^{4}\ \Phi_{12}^{5}\ \Phi_{9}^{8}\ \Phi_{7}^{4}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
83903	1320	1394	$\frac{1}{34}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{1394}\ \Phi_{697}\ \Phi_{82}$
83904	1320	1319	$\frac{59}{1319}$	$\frac{97}{1319}$	$\frac{252}{1319}$	$\frac{611}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
83905	1320	1452	$\frac{9}{121}$	$\frac{1}{12}$	$\frac{13}{121}$	$\frac{56}{121}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{484}\ \Phi_{363}\ \Phi_{242}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
83906	1320	1407	$\frac{1}{21}$	$\frac{5}{67}$	$\frac{12}{67}$	$\frac{31}{67}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{201}$
83907	1320	1319	$\frac{71}{1319}$	$\frac{101}{1319}$	$\frac{208}{1319}$	$\frac{609}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
83908	1320	1319	$\frac{101}{1319}$	$\frac{107}{1319}$	$\frac{142}{1319}$	$\frac{609}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
83909	1320	819	$\frac{7}{117}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{819}^{2}\ \Phi_{273}^{2}\ \Phi_{91}\ \Phi_{63}^{2}\ \Phi_{21}^{2}$
83910	1320	714	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{1}{7}$	$\frac{47}{102}$	$\Phi_{714}^{4}\ \Phi_{238}^{4}\ \Phi_{119}\ \Phi_{42}^{4}\ \Phi_{14}^{4}$
83911	1320	1424	$\frac{1}{16}$	$\frac{7}{89}$	$\frac{12}{89}$	$\frac{41}{89}$	$\Phi_{1424}\ \Phi_{712}\ \Phi_{356}\ \Phi_{178}$
83912	1320	1590	$\frac{13}{265}$	$\frac{21}{265}$	$\frac{1}{6}$	$\frac{122}{265}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{530}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
83913	1320	481	$\frac{1}{13}$	$\frac{3}{37}$	$\frac{4}{37}$	$\frac{17}{37}$	$\Phi_{481}^{3}\ \Phi_{13}^{2}$
83914	1320	1403	$\frac{1}{23}$	$\frac{5}{61}$	$\frac{11}{61}$	$\frac{28}{61}$	Φ_{1403}
83915	1320	1319	$\frac{109}{1319}$	$\frac{119}{1319}$	$\frac{120}{1319}$	$\frac{605}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
83916	1320	1463	$\frac{11}{133}$	$\frac{12}{133}$	$\frac{1}{11}$	$\frac{61}{133}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{77}$
83917	1320	1319	$\frac{65}{1319}$	$\frac{111}{1319}$	$\frac{209}{1319}$	$\frac{604}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
83918	1320	1319	$\frac{98}{1319}$	$\frac{111}{1319}$	$\frac{143}{1319}$	$\frac{604}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
83919	1320	1319	$\frac{76}{1319}$	$\frac{113}{1319}$	$\frac{179}{1319}$	$\frac{603}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
83920	1320	1547	$\frac{12}{221}$	$\frac{19}{221}$	$\frac{1}{7}$	$\frac{101}{221}$	$\Phi_{1547}\ \Phi_{119}\ \Phi_{91}$
83921	1320	1590	$\frac{12}{265}$	$\frac{23}{265}$	$\frac{1}{6}$	$\frac{121}{265}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{530}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
83922	1320	1319	$\frac{54}{1319}$	$\frac{115}{1319}$	$\frac{239}{1319}$	$\frac{602}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
83923	1320	1655	$\frac{12}{331}$	$\frac{29}{331}$	$\frac{1}{5}$	$\frac{151}{331}$	Φ_{1655}
83924	1320	588	$\frac{4}{147}$	$\frac{13}{147}$	$\frac{1}{4}$	$\frac{67}{147}$	$\Phi_{588}^{3}\ \Phi_{294}^{3}\ \Phi_{196}^{3}\ \Phi_{98}^{3}\ \Phi_{84}^{3}\ \Phi_{42}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
83925	1320	1319	$\frac{32}{1319}$	$\frac{117}{1319}$	$\frac{359}{1319}$	$\frac{601}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
83926	1320	1983	$\frac{12}{661}$	$\frac{59}{661}$	$\frac{1}{3}$	$\frac{301}{661}$	Φ_{1983}
83927	1320	1848	$\frac{1}{56}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}^{2}\ \Phi_{132}\ \Phi_{84}^{2}\ \Phi_{66}\ \Phi_{42}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
83928	1320	1199	$\frac{4}{109}$	$\frac{1}{11}$	$\frac{21}{109}$	$\frac{5}{11}$	$\Phi_{1199}\ \Phi_{109}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
83929	1320	1518	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{46}^{2}$
83930	1320	1199	$\frac{9}{109}$	$\frac{1}{11}$	$\frac{10}{109}$	$\frac{5}{11}$	$\Phi_{1199}\ \Phi_{109}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
83931	1320	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{132}^{11}\ \Phi_{66}^{11}\ \Phi_{44}^{11}\ \Phi_{33}^{11}\ \Phi_{22}^{11}\ \Phi_{12}^{10}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
83932	1320	1319	$\frac{109}{1319}$	$\frac{120}{1319}$	$\frac{121}{1319}$	$\frac{599}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83933	1320	1547	$\frac{11}{221}$	$\frac{21}{221}$	$\frac{1}{7}$	$\frac{100}{221}$	$\Phi_{1547}\ \Phi_{119}\ \Phi_{91}$
83934	1320	1319	$\frac{49}{1319}$	$\frac{127}{1319}$	$\frac{241}{1319}$	$\frac{596}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83935	1320	1764	$\frac{11}{441}$	$\frac{43}{441}$	$\frac{1}{4}$	$\frac{199}{441}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{126}\ \Phi_{98}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
83936	1320	1319	$\frac{29}{1319}$	$\frac{129}{1319}$	$\frac{362}{1319}$	$\frac{595}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83937	1320	1983	$\frac{11}{661}$	$\frac{65}{661}$	$\frac{1}{3}$	$\frac{298}{661}$	Φ_{1983}
83938	1320	3660	$\frac{1}{61}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{3660}\ \Phi_{732}\ \Phi_{183}$
83939	1320	2380	$\frac{2}{119}$	$\frac{1}{10}$	$\frac{39}{119}$	$\frac{9}{20}$	$\Phi_{2380}\ \Phi_{476}\ \Phi_{340}\ \Phi_{140}\ \Phi_{119}\ \Phi_{68}\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
83940	1320	820	$\frac{1}{41}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{820}\ \Phi_{410}^2\ \Phi_{205}^2\ \Phi_{164}^2\ \Phi_{82}^3\ \Phi_{41}^2$
83941	1320	2380	$\frac{3}{119}$	$\frac{1}{10}$	$\frac{29}{119}$	$\frac{9}{20}$	$\Phi_{2380}\ \Phi_{476}\ \Phi_{340}\ \Phi_{140}\ \Phi_{119}\ \Phi_{68}\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
83942	1320	620	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{620}^4\ \Phi_{155}\ \Phi_{124}^4$
83943	1320	2380	$\frac{4}{119}$	$\frac{1}{10}$	$\frac{23}{119}$	$\frac{9}{20}$	$\Phi_{2380}\ \Phi_{476}\ \Phi_{340}\ \Phi_{140}\ \Phi_{119}\ \Phi_{68}\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
83944	1320	300	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{300}^{10}\ \Phi_{150}\ \Phi_{100}^5\ \Phi_{75}\ \Phi_{60}^8\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^8\ \Phi_{10}\ \Phi_4^4$
83945	1320	2380	$\frac{5}{119}$	$\frac{1}{10}$	$\frac{19}{119}$	$\frac{9}{20}$	$\Phi_{2380}\ \Phi_{476}\ \Phi_{340}\ \Phi_{140}\ \Phi_{119}\ \Phi_{68}\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
83946	1320	420	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{420}^6\ \Phi_{140}^5\ \Phi_{84}^6\ \Phi_{60}^6\ \Phi_{28}^5\ \Phi_{21}^6\ \Phi_{20}^6\ \Phi_{12}^6\ \Phi_7^5\ \Phi_4^6\ \Phi_3^6\ \Phi_1^6$
83947	1320	340	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{9}{20}$	$\Phi_{340}^7\ \Phi_{68}^7\ \Phi_{20}^8\ \Phi_{17}^7\ \Phi_4^8\ \Phi_1^8$
83948	1320	720	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}\ \Phi_{144}^3\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^3\ \Phi_{60}\ \Phi_{48}^3\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
83949	1320	2380	$\frac{9}{119}$	$\frac{11}{119}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{2380}\ \Phi_{476}\ \Phi_{340}\ \Phi_{140}\ \Phi_{119}\ \Phi_{68}\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
83950	1320	2860	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{2860}\ \Phi_{572}\ \Phi_{143}$
83951	1320	603	$\frac{1}{67}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{603}^2\ \Phi_{201}^3\ \Phi_{67}^2$
83952	1320	1179	$\frac{2}{131}$	$\frac{1}{9}$	$\frac{43}{131}$	$\frac{4}{9}$	$\Phi_{1179}\ \Phi_{393}\ \Phi_{131}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
83953	1320	180	$\frac{1}{45}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^{10}\ \Phi_{36}^9\ \Phi_{30}^{10}\ \Phi_{20}^{10}\ \Phi_{18}^9\ \Phi_{12}^9\ \Phi_{10}^{10}\ \Phi_6^9\ \Phi_4^8\ \Phi_2^8$
83954	1320	1179	$\frac{3}{131}$	$\frac{1}{9}$	$\frac{32}{131}$	$\frac{4}{9}$	$\Phi_{1179}\ \Phi_{393}\ \Phi_{131}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
83955	1320	1530	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{255}\ \Phi_{170}^2\ \Phi_{90}\ \Phi_{85}^2\ \Phi_{30}\ \Phi_{10}^2$
83956	1320	837	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{837}^2\ \Phi_{279}\ \Phi_{93}$
83957	1320	1179	$\frac{5}{131}$	$\frac{1}{9}$	$\frac{21}{131}$	$\frac{4}{9}$	$\Phi_{1179}\ \Phi_{393}\ \Phi_{131}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
83958	1320	1449	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{161}^2$
83959	1320	1179	$\frac{10}{131}$	$\frac{11}{131}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1179}\ \Phi_{393}\ \Phi_{131}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
83960	1320	468	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{156}^4\ \Phi_{117}^2\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{13}^2$
83961	1320	1400	$\frac{1}{56}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{50}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
83962	1320	196	$\frac{1}{49}$	$\frac{6}{49}$	$\frac{1}{4}$	$\frac{43}{98}$	$\Phi_{196}^9\ \Phi_{98}\ \Phi_{49}^8\ \Phi_{28}^9\ \Phi_{14}\ \Phi_7^8\ \Phi_4^8\ \Phi_1^8$
83963	1320	2450	$\frac{1}{25}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{2450}\ \Phi_{490}\ \Phi_{350}\ \Phi_{175}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{10}$
83964	1320	1600	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
83965	1320	1319	$\frac{17}{1319}$	$\frac{177}{1319}$	$\frac{434}{1319}$	$\frac{571}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83966	1320	1319	$\frac{34}{1319}$	$\frac{177}{1319}$	$\frac{257}{1319}$	$\frac{571}{1319}$	$\Phi_{1319}\ \Phi_1^2$
83967	1320	574	$\frac{1}{82}$	$\frac{1}{7}$	$\frac{27}{82}$	$\frac{3}{7}$	$\Phi_{574}^2\ \Phi_{287}^2\ \Phi_{82}^4\ \Phi_{41}^4\ \Phi_{14}^2\ \Phi_7^3\ \Phi_2^4\ \Phi_1^6$
83968	1320	469	$\frac{1}{67}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{469}^3\ \Phi_{67}^2$
83969	1320	56	$\frac{1}{56}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{56}^{24}\ \Phi_{28}^{23}\ \Phi_{14}^{23}\ \Phi_8^{24}\ \Phi_7^{24}\ \Phi_4^{22}\ \Phi_2^{22}\ \Phi_1^{24}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
83970	1320	287	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{8}{41}$	$\frac{3}{7}$	$\Phi_{287}^{4}\ \Phi_{41}^{8}\ \Phi_{7}^{5}\ \Phi_{1}^{10}$
83971	1320	714	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{714}^{2}\ \Phi_{357}^{2}\ \Phi_{238}\ \Phi_{119}\ \Phi_{102}^{4}\ \Phi_{51}^{4}\ \Phi_{42}\ \Phi_{34}^{2}\ \Phi_{21}\ \Phi_{17}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
83972	1320	385	$\frac{2}{35}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{385}^{4}\ \Phi_{77}^{3}\ \Phi_{55}^{4}\ \Phi_{11}^{2}$
83973	1320	574	$\frac{5}{82}$	$\frac{7}{82}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{574}^{2}\ \Phi_{287}^{2}\ \Phi_{82}^{4}\ \Phi_{41}^{4}\ \Phi_{14}^{2}\ \Phi_{7}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
83974	1320	336	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{112}^{3}\ \Phi_{84}^{3}\ \Phi_{56}^{3}\ \Phi_{48}^{8}\ \Phi_{42}^{3}\ \Phi_{28}^{2}\ \Phi_{24}^{8}\ \Phi_{21}^{3}\ \Phi_{16}^{6}\ \Phi_{14}^{2}\ \Phi_{12}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{3}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
83975	1320	2400	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
83976	1320	1403	$\frac{1}{23}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{26}{61}$	Φ_{1403}
83977	1320	1319	$\frac{23}{1319}$	$\frac{199}{1319}$	$\frac{324}{1319}$	$\frac{560}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
83978	1320	1319	$\frac{69}{1319}$	$\frac{125}{1319}$	$\frac{199}{1319}$	$\frac{560}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
83979	1320	1319	$\frac{76}{1319}$	$\frac{113}{1319}$	$\frac{201}{1319}$	$\frac{559}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
83980	1320	1452	$\frac{7}{121}$	$\frac{1}{12}$	$\frac{19}{121}$	$\frac{51}{121}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{484}\ \Phi_{363}\ \Phi_{242}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
83981	1320	209	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{3}{19}$	$\frac{8}{19}$	$\Phi_{209}^{7}\ \Phi_{11}^{6}$
83982	1320	1319	$\frac{53}{1319}$	$\frac{153}{1319}$	$\frac{211}{1319}$	$\frac{554}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
83983	1320	1395	$\frac{1}{45}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}\ \Phi_{155}\ \Phi_{93}$
83984	1320	1590	$\frac{7}{265}$	$\frac{43}{265}$	$\frac{1}{6}$	$\frac{111}{265}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{530}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
83985	1320	756	$\frac{1}{63}$	$\frac{31}{189}$	$\frac{1}{4}$	$\frac{79}{189}$	$\Phi_{756}^{2}\ \Phi_{378}^{2}\ \Phi_{252}^{3}\ \Phi_{126}^{3}\ \Phi_{108}^{2}\ \Phi_{84}^{3}\ \Phi_{54}^{2}\ \Phi_{42}^{3}\ \Phi_{36}^{3}\ \Phi_{28}^{3}\ \Phi_{18}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
83986	1320	1319	$\frac{17}{1319}$	$\frac{217}{1319}$	$\frac{384}{1319}$	$\frac{551}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
83987	1320	1983	$\frac{7}{661}$	$\frac{109}{661}$	$\frac{1}{3}$	$\frac{276}{661}$	Φ_{1983}
83988	1320	1319	$\frac{14}{1319}$	$\frac{221}{1319}$	$\frac{435}{1319}$	$\frac{549}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
83989	1320	1319	$\frac{35}{1319}$	$\frac{214}{1319}$	$\frac{221}{1319}$	$\frac{549}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
83990	1320	1394	$\frac{1}{34}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{1394}\ \Phi_{697}\ \Phi_{82}$
83991	1320	1403	$\frac{1}{23}$	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{25}{61}$	Φ_{1403}
83992	1320	1319	$\frac{65}{1319}$	$\frac{114}{1319}$	$\frac{241}{1319}$	$\frac{539}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
83993	1320	1319	$\frac{71}{1319}$	$\frac{104}{1319}$	$\frac{243}{1319}$	$\frac{538}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
83994	1320	481	$\frac{2}{37}$	$\frac{1}{13}$	$\frac{7}{37}$	$\frac{15}{37}$	$\Phi_{481}^{3}\ \Phi_{13}^{2}$
83995	1320	1452	$\frac{6}{121}$	$\frac{1}{12}$	$\frac{23}{121}$	$\frac{49}{121}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{484}\ \Phi_{363}\ \Phi_{242}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
83996	1320	1319	$\frac{54}{1319}$	$\frac{131}{1319}$	$\frac{253}{1319}$	$\frac{533}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
83997	1320	1547	$\frac{6}{221}$	$\frac{1}{7}$	$\frac{43}{221}$	$\frac{89}{221}$	$\Phi_{1547}\ \Phi_{119}\ \Phi_{91}$
83998	1320	1319	$\frac{34}{1319}$	$\frac{197}{1319}$	$\frac{257}{1319}$	$\frac{531}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
83999	1320	1319	$\frac{24}{1319}$	$\frac{259}{1319}$	$\frac{263}{1319}$	$\frac{530}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
84000	1320	1655	$\frac{6}{331}$	$\frac{65}{331}$	$\frac{1}{5}$	$\frac{133}{331}$	Φ_{1655}
84001	1320	588	$\frac{2}{147}$	$\frac{29}{147}$	$\frac{1}{4}$	$\frac{59}{147}$	$\Phi_{588}^{3}\ \Phi_{294}^{3}\ \Phi_{196}^{3}\ \Phi_{98}^{3}\ \Phi_{84}^{3}\ \Phi_{42}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
84002	1320	1319	$\frac{14}{1319}$	$\frac{261}{1319}$	$\frac{395}{1319}$	$\frac{529}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
84003	1320	1983	$\frac{6}{661}$	$\frac{131}{661}$	$\frac{1}{3}$	$\frac{265}{661}$	Φ_{1983}
84004	1320	555	$\frac{1}{111}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{555}^{2}\ \Phi_{185}^{2}\ \Phi_{111}^{4}\ \Phi_{37}^{4}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
84005	1320	365	$\frac{1}{73}$	$\frac{1}{5}$	$\frac{18}{73}$	$\frac{2}{5}$	$\Phi_{365}^{3}\ \Phi_{73}^{6}\ \Phi_{5}^{4}\ \Phi_{1}^{8}$
84006	1320	280	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{280}^{5}\ \Phi_{140}^{5}\ \Phi_{70}^{5}\ \Phi_{56}^{4}\ \Phi_{40}^{5}\ \Phi_{35}^{5}\ \Phi_{28}^{4}\ \Phi_{20}^{5}\ \Phi_{14}^{4}\ \Phi_{10}^{5}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
84007	1320	1095	$\frac{4}{219}$	$\frac{43}{219}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1095}\ \Phi_{365}\ \Phi_{219}^2\ \Phi_{73}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
84008	1320	90	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{90}^{18}\ \Phi_{45}^{12}\ \Phi_{30}^{17}\ \Phi_{18}^{18}\ \Phi_{15}^{11}\ \Phi_{10}^{17}\ \Phi_9^{12}\ \Phi_6^{16}\ \Phi_5^{12}\ \Phi_3^{10}\ \Phi_2^{16}\ \Phi_1^{12}$
84009	1320	775	$\frac{1}{31}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{775}^2\ \Phi_{155}$
84010	1320	365	$\frac{3}{73}$	$\frac{7}{73}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{365}^3\ \Phi_{73}^6\ \Phi_5^4\ \Phi_1^8$
84011	1320	1265	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1265}\ \Phi_{253}^2$
84012	1320	1095	$\frac{10}{219}$	$\frac{19}{219}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1095}\ \Phi_{365}\ \Phi_{219}^2\ \Phi_{73}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
84013	1320	420	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^2\ \Phi_{84}^6\ \Phi_{70}^3\ \Phi_{60}^2\ \Phi_{42}^6\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^6\ \Phi_{21}^4$ $\Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^6\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_7^4\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
84014	1320	1319	$\frac{24}{1319}$	$\frac{259}{1319}$	$\frac{265}{1319}$	$\frac{527}{1319}$	$\Phi_{1319}\ \Phi_1^2$
84015	1320	1394	$\frac{1}{34}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{1394}\ \Phi_{697}\ \Phi_{82}$
84016	1320	2178	$\frac{1}{121}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{2178}\ \Phi_{726}\ \Phi_{363}\ \Phi_{242}\ \Phi_{198}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
84017	1320	558	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{558}^4\ \Phi_{279}\ \Phi_{186}^4\ \Phi_{93}\ \Phi_{62}^4$
84018	1320	1319	$\frac{54}{1319}$	$\frac{115}{1319}$	$\frac{301}{1319}$	$\frac{509}{1319}$	$\Phi_{1319}\ \Phi_1^2$
84019	1320	1443	$\frac{1}{111}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1443}\ \Phi_{481}\ \Phi_{39}$
84020	1320	1319	$\frac{74}{1319}$	$\frac{83}{1319}$	$\frac{309}{1319}$	$\frac{505}{1319}$	$\Phi_{1319}\ \Phi_1^2$
84021	1320	1424	$\frac{5}{89}$	$\frac{1}{16}$	$\frac{21}{89}$	$\frac{34}{89}$	$\Phi_{1424}\ \Phi_{712}\ \Phi_{356}\ \Phi_{178}$
84022	1320	1452	$\frac{5}{121}$	$\frac{1}{12}$	$\frac{29}{121}$	$\frac{46}{121}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{484}\ \Phi_{363}\ \Phi_{242}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
84023	1320	1319	$\frac{35}{1319}$	$\frac{164}{1319}$	$\frac{321}{1319}$	$\frac{499}{1319}$	$\Phi_{1319}\ \Phi_1^2$
84024	1320	318	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{13}{53}$	$\frac{20}{53}$	$\Phi_{318}^5\ \Phi_{159}^5\ \Phi_{106}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
84025	1320	1319	$\frac{19}{1319}$	$\frac{274}{1319}$	$\frac{325}{1319}$	$\frac{497}{1319}$	$\Phi_{1319}\ \Phi_1^2$
84026	1320	1764	$\frac{5}{441}$	$\frac{109}{441}$	$\frac{1}{4}$	$\frac{166}{441}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{126}\ \Phi_{98}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}$ $\Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
84027	1320	3192	$\frac{1}{133}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{3192}\ \Phi_{456}\ \Phi_{399}\ \Phi_{168}\ \Phi_{57}\ \Phi_{21}$
84028	1320	2104	$\frac{2}{263}$	$\frac{1}{4}$	$\frac{87}{263}$	$\frac{3}{8}$	$\Phi_{2104}\ \Phi_{263}\ \Phi_8^2\ \Phi_1^2$
84029	1320	1936	$\frac{1}{121}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1936}\ \Phi_{484}\ \Phi_{242}\ \Phi_{176}\ \Phi_{44}\ \Phi_{22}$
84030	1320	712	$\frac{1}{89}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{712}^3\ \Phi_{356}\ \Phi_{178}$
84031	1320	2104	$\frac{3}{263}$	$\frac{65}{263}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2104}\ \Phi_{263}\ \Phi_8^2\ \Phi_1^2$
84032	1320	2680	$\frac{1}{67}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2680}\ \Phi_{335}$
84033	1320	2104	$\frac{5}{263}$	$\frac{43}{263}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2104}\ \Phi_{263}\ \Phi_8^2\ \Phi_1^2$
84034	1320	2520	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{315}\ \Phi_{280}\ \Phi_{168}\ \Phi_{105}\ \Phi_{63}\ \Phi_{35}\ \Phi_{21}$
84035	1320	2104	$\frac{7}{263}$	$\frac{32}{263}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2104}\ \Phi_{263}\ \Phi_8^2\ \Phi_1^2$
84036	1320	1224	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1224}^2\ \Phi_{408}^2\ \Phi_{306}\ \Phi_{153}\ \Phi_{102}\ \Phi_{72}\ \Phi_{51}\ \Phi_{24}\ \Phi_{18}\ \Phi_6$
84037	1320	2104	$\frac{10}{263}$	$\frac{23}{263}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2104}\ \Phi_{263}\ \Phi_8^2\ \Phi_1^2$
84038	1320	600	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{600}^4\ \Phi_{300}\ \Phi_{200}^3\ \Phi_{150}\ \Phi_{120}^4\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}^3\ \Phi_{30}$ $\Phi_{20}\ \Phi_{15}\ \Phi_{10}$
84039	1320	2104	$\frac{11}{263}$	$\frac{21}{263}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2104}\ \Phi_{263}\ \Phi_8^2\ \Phi_1^2$
84040	1320	2392	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2392}\ \Phi_{299}$
84041	1320	1319	$\frac{15}{1319}$	$\frac{326}{1319}$	$\frac{331}{1319}$	$\frac{494}{1319}$	$\Phi_{1319}\ \Phi_1^2$
84042	1320	1319	$\frac{19}{1319}$	$\frac{260}{1319}$	$\frac{353}{1319}$	$\frac{483}{1319}$	$\Phi_{1319}\ \Phi_1^2$
84043	1320	1400	$\frac{1}{56}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{50}\ \Phi_{40}$ $\Phi_{35}\ \Phi_{20}\ \Phi_{10}$
84044	1320	1395	$\frac{1}{45}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}\ \Phi_{155}\ \Phi_{93}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
84045	1320	1319	$\frac{39}{1319}$	$\frac{128}{1319}$	$\frac{397}{1319}$	$\frac{461}{1319}$	$\Phi_{1319}\ \Phi_1^2$
84046	1320	1319	$\frac{43}{1319}$	$\frac{116}{1319}$	$\frac{401}{1319}$	$\frac{459}{1319}$	$\Phi_{1319}\ \Phi_1^2$
84047	1320	2100	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{60}\ \Phi_{50}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
84048	1320	1403	$\frac{1}{23}$	$\frac{4}{61}$	$\frac{19}{61}$	$\frac{21}{61}$	Φ_{1403}
84049	1320	1407	$\frac{1}{21}$	$\frac{4}{67}$	$\frac{21}{67}$	$\frac{23}{67}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{201}$
84050	1320	1319	$\frac{62}{1319}$	$\frac{79}{1319}$	$\frac{419}{1319}$	$\frac{450}{1319}$	$\Phi_{1319}\ \Phi_1^2$
84051	1320	1319	$\frac{56}{1319}$	$\frac{87}{1319}$	$\frac{421}{1319}$	$\frac{449}{1319}$	$\Phi_{1319}\ \Phi_1^2$
84052	1320	1452	$\frac{4}{121}$	$\frac{1}{12}$	$\frac{39}{121}$	$\frac{41}{121}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{484}\ \Phi_{363}\ \Phi_{242}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
84053	1320	1463	$\frac{4}{133}$	$\frac{1}{11}$	$\frac{43}{133}$	$\frac{45}{133}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{77}$
84054	1320	1319	$\frac{26}{1319}$	$\frac{175}{1319}$	$\frac{431}{1319}$	$\frac{444}{1319}$	$\Phi_{1319}\ \Phi_1^2$
84055	1320	1319	$\frac{20}{1319}$	$\frac{219}{1319}$	$\frac{433}{1319}$	$\frac{443}{1319}$	$\Phi_{1319}\ \Phi_1^2$
84056	1320	1590	$\frac{4}{265}$	$\frac{1}{6}$	$\frac{87}{265}$	$\frac{89}{265}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{530}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
84057	1320	1655	$\frac{4}{331}$	$\frac{1}{5}$	$\frac{109}{331}$	$\frac{111}{331}$	Φ_{1655}
84058	1320	1319	$\frac{8}{1319}$	$\frac{437}{1319}$	$\frac{439}{1319}$	$\frac{441}{1319}$	$\Phi_{1319}\ \Phi_1^2$
84059	1320	1983	$\frac{4}{661}$	$\frac{219}{661}$	$\frac{1}{3}$	$\frac{221}{661}$	Φ_{1983}
84060	1320	498	$\frac{1}{166}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{498}^3\ \Phi_{249}^3\ \Phi_{166}^2\ \Phi_{83}^2\ \Phi_6^3\ \Phi_2^2$
84061	1320	987	$\frac{2}{329}$	$\frac{109}{329}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{987}\ \Phi_{329}^2\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
84062	1320	444	$\frac{1}{111}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{444}^4\ \Phi_{222}^4\ \Phi_{148}^4\ \Phi_{74}^4\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
84063	1320	987	$\frac{4}{329}$	$\frac{65}{329}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{987}\ \Phi_{329}^2\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
84064	1320	402	$\frac{1}{67}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{402}^4\ \Phi_{201}^3\ \Phi_{134}^4\ \Phi_{67}^2$
84065	1320	987	$\frac{5}{329}$	$\frac{54}{329}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{987}\ \Phi_{329}^2\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
84066	1320	168	$\frac{1}{56}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{168}^6\ \Phi_{84}^6\ \Phi_{56}^{12}\ \Phi_{42}^6\ \Phi_{28}^{12}\ \Phi_{24}^6\ \Phi_{21}^5\ \Phi_{14}^{12}\ \Phi_{12}^6\ \Phi_8^{12}\ \Phi_7^{10}\ \Phi_6^6\ \Phi_4^{12}\ \Phi_3^6\ \Phi_2^{12}\ \Phi_1^{12}$
84067	1320	564	$\frac{1}{47}$	$\frac{23}{188}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{564}^2\ \Phi_{282}^2\ \Phi_{188}^4\ \Phi_{141}\ \Phi_{94}^4\ \Phi_{47}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
84068	1320	987	$\frac{9}{329}$	$\frac{32}{329}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{987}\ \Phi_{329}^2\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
84069	1320	1122	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{374}^2\ \Phi_{187}^2\ \Phi_{66}\ \Phi_{22}^2$
84070	1320	987	$\frac{10}{329}$	$\frac{29}{329}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{987}\ \Phi_{329}^2\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
84071	1320	372	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{372}^4\ \Phi_{186}^4\ \Phi_{124}^4\ \Phi_{93}^3\ \Phi_{62}^4\ \Phi_{31}^2$
84072	1320	741	$\frac{2}{57}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{741}^2\ \Phi_{247}^2\ \Phi_{39}$
84073	1320	141	$\frac{2}{47}$	$\frac{3}{47}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{141}^7\ \Phi_{47}^{14}\ \Phi_3^8\ \Phi_1^{16}$
84074	1320	1104	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}^2\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{46}^2$
84075	1320	2628	$\frac{2}{219}$	$\frac{1}{4}$	$\frac{217}{657}$	$\frac{1}{3}$	$\Phi_{2628}\ \Phi_{1314}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
84076	1320	1230	$\frac{1}{82}$	$\frac{1}{5}$	$\frac{27}{82}$	$\frac{1}{3}$	$\Phi_{1230}^2\ \Phi_{615}^2\ \Phi_{30}^2\ \Phi_{15}^3$
84077	1320	1983	$\frac{10}{661}$	$\frac{111}{661}$	$\frac{217}{661}$	$\frac{1}{3}$	Φ_{1983}
84078	1320	786	$\frac{2}{131}$	$\frac{1}{6}$	$\frac{43}{131}$	$\frac{1}{3}$	$\Phi_{786}^2\ \Phi_{393}\ \Phi_{262}^2\ \Phi_{131}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
84079	1320	1983	$\frac{13}{661}$	$\frac{89}{661}$	$\frac{216}{661}$	$\frac{1}{3}$	Φ_{1983}
84080	1320	2145	$\frac{2}{65}$	$\frac{1}{11}$	$\frac{21}{65}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{165}\ \Phi_{33}^2$
84081	1320	708	$\frac{2}{59}$	$\frac{1}{12}$	$\frac{19}{59}$	$\frac{1}{3}$	$\Phi_{708}^2\ \Phi_{354}^2\ \Phi_{236}^2\ \Phi_{177}\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
84082	1320	1053	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{1053}^2\ \Phi_{39}$
84083	1320	1983	$\frac{28}{661}$	$\frac{45}{661}$	$\frac{211}{661}$	$\frac{1}{3}$	Φ_{1983}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
84084	1320	1983	$\frac{31}{661}$	$\frac{41}{661}$	$\frac{210}{661}$	$\frac{1}{3}$	Φ_{1983}
84085	1320	336	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{48}^2\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^2\ \Phi_{21}^6\ \Phi_{16}^4\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_8^4\ \Phi_7^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^6$
84086	1320	2001	$\frac{1}{23}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{2001}\ \Phi_{69}^2$
84087	1320	1311	$\frac{2}{57}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{1311}\ \Phi_{437}\ \Phi_{57}^2\ \Phi_{23}\ \Phi_{19}^2\ \Phi_1^2$
84088	1320	1983	$\frac{23}{661}$	$\frac{58}{661}$	$\frac{201}{661}$	$\frac{1}{3}$	Φ_{1983}
84089	1320	1953	$\frac{1}{31}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{1953}\ \Phi_{279}\ \Phi_{93}$
84090	1320	1983	$\frac{21}{661}$	$\frac{64}{661}$	$\frac{199}{661}$	$\frac{1}{3}$	Φ_{1983}
84091	1320	315	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{45}^6\ \Phi_{35}^4\ \Phi_{21}^2\ \Phi_{15}^6\ \Phi_9^6\ \Phi_7^4\ \Phi_5^6\ \Phi_3^3\ \Phi_1^6$
84092	1320	1848	$\frac{1}{56}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}^2\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{66}\ \Phi_{42}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_6^2$
84093	1320	1983	$\frac{11}{661}$	$\frac{130}{661}$	$\frac{177}{661}$	$\frac{1}{3}$	Φ_{1983}
84094	1320	915	$\frac{1}{61}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{915}\ \Phi_{305}^2\ \Phi_{183}^2\ \Phi_{61}^2$
84095	1320	1809	$\frac{1}{67}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1809}\ \Phi_{201}$
84096	1320	1983	$\frac{9}{661}$	$\frac{163}{661}$	$\frac{166}{661}$	$\frac{1}{3}$	Φ_{1983}
84097	1320	876	$\frac{1}{73}$	$\frac{18}{73}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{876}^3\ \Phi_{438}^3\ \Phi_{12}^4\ \Phi_6^4$
84098	1320	840	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{120}^3\ \Phi_{105}^3\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^3$
84099	1320	876	$\frac{4}{219}$	$\frac{43}{219}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{876}^2\ \Phi_{438}^2\ \Phi_{292}^2\ \Phi_{146}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
84100	1320	180	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^{10}\ \Phi_{90}^4\ \Phi_{60}^{10}\ \Phi_{45}^6\ \Phi_{36}^{10}\ \Phi_{30}^4\ \Phi_{20}^{10}\ \Phi_{18}^4\ \Phi_{15}^6\ \Phi_{12}^7\ \Phi_{10}^4\ \Phi_9^6\ \Phi_6^3\ \Phi_5^6\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
84101	1320	684	$\frac{2}{57}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{684}^3\ \Phi_{342}^3\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
84102	1320	876	$\frac{3}{73}$	$\frac{7}{73}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{876}^3\ \Phi_{438}^3\ \Phi_{12}^4\ \Phi_6^4$
84103	1320	3036	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3036}\ \Phi_{1518}$
84104	1320	876	$\frac{10}{219}$	$\frac{19}{219}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{876}^2\ \Phi_{438}^2\ \Phi_{292}^2\ \Phi_{146}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
84105	1320	84	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^{16}\ \Phi_{42}^{16}\ \Phi_{28}^{16}\ \Phi_{21}^{18}\ \Phi_{14}^{16}\ \Phi_{12}^{11}\ \Phi_7^{18}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
84106	1320	786	$\frac{3}{131}$	$\frac{1}{6}$	$\frac{32}{131}$	$\frac{1}{3}$	$\Phi_{786}^2\ \Phi_{393}\ \Phi_{262}^2\ \Phi_{131}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
84107	1320	1983	$\frac{17}{661}$	$\frac{100}{661}$	$\frac{161}{661}$	$\frac{1}{3}$	Φ_{1983}
84108	1320	708	$\frac{3}{59}$	$\frac{1}{12}$	$\frac{14}{59}$	$\frac{1}{3}$	$\Phi_{708}^2\ \Phi_{354}^2\ \Phi_{236}^2\ \Phi_{177}\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
84109	1320	936	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{39}$
84110	1320	1983	$\frac{41}{661}$	$\frac{46}{661}$	$\frac{155}{661}$	$\frac{1}{3}$	Φ_{1983}
84111	1320	2064	$\frac{1}{16}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{516}\ \Phi_{258}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
84112	1320	1983	$\frac{34}{661}$	$\frac{57}{661}$	$\frac{151}{661}$	$\frac{1}{3}$	Φ_{1983}
84113	1320	117	$\frac{7}{117}$	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{117}^{11}\ \Phi_{39}^{12}\ \Phi_{13}^{11}\ \Phi_9^{12}\ \Phi_3^{12}\ \Phi_1^{12}$
84114	1320	1311	$\frac{2}{57}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{1311}\ \Phi_{437}\ \Phi_{57}^2\ \Phi_{23}\ \Phi_{19}^2\ \Phi_1^2$
84115	1320	1302	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{1302}^2\ \Phi_{651}\ \Phi_{186}^2\ \Phi_{93}^2$
84116	1320	1938	$\frac{1}{34}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{1938}\ \Phi_{969}\ \Phi_{114}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_6^2$
84117	1320	1983	$\frac{16}{661}$	$\frac{129}{661}$	$\frac{133}{661}$	$\frac{1}{3}$	Φ_{1983}
84118	1320	615	$\frac{1}{41}$	$\frac{8}{41}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{615}^4\ \Phi_{15}^5$
84119	1320	510	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{510}^3\ \Phi_{255}^3\ \Phi_{170}^4\ \Phi_{85}^4\ \Phi_{30}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
84120	1320	1995	$\frac{2}{57}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{35}$
84121	1320	1155	$\frac{2}{35}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1155}^2\ \Phi_{231}^2\ \Phi_{165}\ \Phi_{33}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
84122	1320	1230	$\frac{5}{82}$	$\frac{7}{82}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1230}^2\ \Phi_{615}^2\ \Phi_{30}^2\ \Phi_{15}^3$
84123	1320	240	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{80}^8\ \Phi_{60}^5\ \Phi_{40}^8\ \Phi_{30}^5\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{10}^6\ \Phi_5^6$
84124	1320	2289	$\frac{4}{109}$	$\frac{1}{7}$	$\frac{21}{109}$	$\frac{1}{3}$	$\Phi_{2289}\ \Phi_{21}^2$
84125	1320	1983	$\frac{26}{661}$	$\frac{89}{661}$	$\frac{127}{661}$	$\frac{1}{3}$	Φ_{1983}
84126	1320	708	$\frac{4}{59}$	$\frac{1}{12}$	$\frac{11}{59}$	$\frac{1}{3}$	$\Phi_{708}^2\ \Phi_{354}^2\ \Phi_{236}^2\ \Phi_{177}\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
84127	1320	351	$\frac{2}{27}$	$\frac{1}{13}$	$\frac{5}{27}$	$\frac{1}{3}$	$\Phi_{351}^4\ \Phi_{117}^4\ \Phi_{39}^5\ \Phi_{13}^4$
84128	1320	1983	$\frac{49}{661}$	$\frac{51}{661}$	$\frac{122}{661}$	$\frac{1}{3}$	Φ_{1983}
84129	1320	1983	$\frac{45}{661}$	$\frac{56}{661}$	$\frac{121}{661}$	$\frac{1}{3}$	Φ_{1983}
84130	1320	840	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{35}^2$ $\Phi_{30}\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
84131	1320	2001	$\frac{1}{23}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{2001}\ \Phi_{69}^2$
84132	1320	1983	$\frac{25}{661}$	$\frac{106}{661}$	$\frac{111}{661}$	$\frac{1}{3}$	Φ_{1983}
84133	1320	786	$\frac{5}{131}$	$\frac{21}{131}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{786}^2\ \Phi_{393}\ \Phi_{262}^2\ \Phi_{131}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
84134	1320	966	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{966}^2\ \Phi_{483}\ \Phi_{322}^2\ \Phi_{161}^2$
84135	1320	786	$\frac{10}{131}$	$\frac{11}{131}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{786}^2\ \Phi_{393}\ \Phi_{262}^2\ \Phi_{131}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
84136	1320	156	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{156}^{10}\ \Phi_{78}^8\ \Phi_{52}^{10}\ \Phi_{39}^9\ \Phi_{26}^8\ \Phi_{13}^8$
84137	1320	429	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{2}{13}$	$\frac{1}{3}$	$\Phi_{429}^5\ \Phi_{33}^6$
84138	1320	1983	$\frac{55}{661}$	$\frac{56}{661}$	$\frac{101}{661}$	$\frac{1}{3}$	Φ_{1983}
84139	1320	708	$\frac{1}{12}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{1}{3}$	$\Phi_{708}^2\ \Phi_{354}^2\ \Phi_{236}^2\ \Phi_{177}\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
84140	1320	1983	$\frac{51}{661}$	$\frac{61}{661}$	$\frac{100}{661}$	$\frac{1}{3}$	Φ_{1983}
84141	1320	2289	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2289}\ \Phi_{21}^2$
84142	1320	924	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{77}^2$
84143	1320	819	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{3}$	$\Phi_{819}^2\ \Phi_{273}^2\ \Phi_{91}^2\ \Phi_{39}$
84144	1320	2268	$\frac{1}{63}$	$\frac{127}{567}$	$\frac{1}{4}$	$\frac{62}{189}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{324}\ \Phi_{252}\ \Phi_{162}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}$ $\Phi_{14}\ \Phi_{12}\ \Phi_6$
84145	1320	1785	$\frac{2}{119}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{39}{119}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}\ \Phi_{15}^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
84146	1320	2604	$\frac{6}{217}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{211}{651}$	$\Phi_{2604}\ \Phi_{1302}\ \Phi_{372}\ \Phi_{186}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
84147	1320	1235	$\frac{2}{65}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{21}{65}$	$\Phi_{1235}\ \Phi_{247}\ \Phi_{95}\ \Phi_{65}^2\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
84148	1320	390	$\frac{2}{65}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{21}{65}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{39}^4\ \Phi_{30}^5\ \Phi_{26}^4\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
84149	1320	826	$\frac{2}{59}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{19}{59}$	$\Phi_{826}^2\ \Phi_{413}\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
84150	1320	1319	$\frac{47}{1319}$	$\frac{179}{1319}$	$\frac{285}{1319}$	$\frac{424}{1319}$	$\Phi_{1319}\ \Phi_1^2$
84151	1320	1863	$\frac{1}{27}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{26}{81}$	$\Phi_{1863}\ \Phi_{81}^2\ \Phi_{23}\ \Phi_1^2$
84152	1320	324	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{26}{81}$	$\Phi_{324}^8\ \Phi_{162}^8\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
84153	1320	1863	$\frac{1}{27}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{26}{81}$	$\Phi_{1863}\ \Phi_{81}^2\ \Phi_{23}\ \Phi_1^2$
84154	1320	2835	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{26}{81}$	$\Phi_{2835}\ \Phi_{35}$
84155	1320	318	$\frac{2}{53}$	$\frac{1}{6}$	$\frac{9}{53}$	$\frac{17}{53}$	$\Phi_{318}^5\ \Phi_{159}^5\ \Phi_{106}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
84156	1320	1319	$\frac{50}{1319}$	$\frac{219}{1319}$	$\frac{224}{1319}$	$\frac{423}{1319}$	$\Phi_{1319}\ \Phi_1^2$
84157	1320	1655	$\frac{13}{331}$	$\frac{45}{331}$	$\frac{1}{5}$	$\frac{106}{331}$	Φ_{1655}
84158	1320	627	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{13}{57}$	$\frac{6}{19}$	$\Phi_{627}^3\ \Phi_{209}\ \Phi_{33}^3$
84159	1320	357	$\frac{1}{17}$	$\frac{7}{51}$	$\frac{1}{7}$	$\frac{16}{51}$	$\Phi_{357}^4\ \Phi_{119}^5\ \Phi_{21}^4\ \Phi_7^4$
84160	1320	208	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{16}$	$\Phi_{208}^6\ \Phi_{104}^6\ \Phi_{52}^6\ \Phi_{26}^6\ \Phi_{16}^8\ \Phi_{13}^9\ \Phi_8^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
84161	1320	880	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{16}$	$\Phi_{880}^{2}\ \Phi_{440}^{2}\ \Phi_{220}^{2}\ \Phi_{110}^{2}\ \Phi_{55}^{3}$
84162	1320	624	$\frac{1}{16}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{5}{16}$	$\Phi_{624}^{2}\ \Phi_{312}^{2}\ \Phi_{208}^{2}\ \Phi_{156}^{2}\ \Phi_{104}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{48}^{2}\ \Phi_{39}^{3}\ \Phi_{26}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{4}\ \Phi_{13}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
84163	1320	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{16}$	$\Phi_{144}^{10}\ \Phi_{72}^{10}\ \Phi_{48}^{6}\ \Phi_{36}^{10}\ \Phi_{24}^{6}\ \Phi_{18}^{13}\ \Phi_{16}^{8}\ \Phi_{12}^{6}\ \Phi_{9}^{12}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
84164	1320	1247	$\frac{2}{29}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{9}{29}$	$\Phi_{1247}\ \Phi_{43}^{2}\ \Phi_{29}^{2}\ \Phi_{1}^{4}$
84165	1320	1740	$\frac{2}{29}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{9}{29}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{290}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
84166	1320	1319	$\frac{91}{1319}$	$\frac{92}{1319}$	$\frac{307}{1319}$	$\frac{409}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
84167	1320	1319	$\frac{98}{1319}$	$\frac{114}{1319}$	$\frac{241}{1319}$	$\frac{407}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
84168	1320	1463	$\frac{10}{133}$	$\frac{1}{11}$	$\frac{23}{133}$	$\frac{41}{133}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{77}$
84169	1320	1319	$\frac{83}{1319}$	$\frac{101}{1319}$	$\frac{309}{1319}$	$\frac{406}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
84170	1320	1494	$\frac{13}{166}$	$\frac{1}{9}$	$\frac{23}{166}$	$\frac{51}{166}$	$\Phi_{1494}\ \Phi_{747}\ \Phi_{498}\ \Phi_{249}\ \Phi_{18}\ \Phi_{6}$
84171	1320	1319	$\frac{107}{1319}$	$\frac{142}{1319}$	$\frac{183}{1319}$	$\frac{404}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
84172	1320	1452	$\frac{10}{121}$	$\frac{1}{12}$	$\frac{21}{121}$	$\frac{37}{121}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{484}\ \Phi_{363}\ \Phi_{242}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
84173	1320	1590	$\frac{22}{265}$	$\frac{23}{265}$	$\frac{1}{6}$	$\frac{81}{265}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{530}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
84174	1320	1319	$\frac{109}{1319}$	$\frac{110}{1319}$	$\frac{229}{1319}$	$\frac{403}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
84175	1320	1655	$\frac{23}{331}$	$\frac{28}{331}$	$\frac{1}{5}$	$\frac{101}{331}$	Φ_{1655}
84176	1320	1656	$\frac{1}{18}$	$\frac{2}{23}$	$\frac{17}{72}$	$\frac{7}{23}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{92}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{23}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
84177	1320	621	$\frac{2}{27}$	$\frac{2}{23}$	$\frac{5}{27}$	$\frac{7}{23}$	$\Phi_{621}^{2}\ \Phi_{207}^{2}\ \Phi_{69}^{2}\ \Phi_{27}^{4}\ \Phi_{23}^{3}\ \Phi_{9}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
84178	1320	276	$\frac{1}{12}$	$\frac{2}{23}$	$\frac{1}{6}$	$\frac{7}{23}$	$\Phi_{276}^{5}\ \Phi_{138}^{4}\ \Phi_{92}^{5}\ \Phi_{69}^{4}\ \Phi_{46}^{4}\ \Phi_{23}^{5}\ \Phi_{12}^{10}\ \Phi_{6}^{8}\ \Phi_{4}^{10}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
84179	1320	1449	$\frac{2}{23}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{7}{23}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{161}\ \Phi_{63}^{2}\ \Phi_{23}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
84180	1320	1319	$\frac{99}{1319}$	$\frac{122}{1319}$	$\frac{230}{1319}$	$\frac{399}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
84181	1320	1655	$\frac{21}{331}$	$\frac{31}{331}$	$\frac{1}{5}$	$\frac{100}{331}$	Φ_{1655}
84182	1320	252	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{19}{63}$	$\Phi_{252}^{10}\ \Phi_{126}^{10}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}^{10}\ \Phi_{28}\ \Phi_{18}^{10}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
84183	1320	693	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{63}$	$\Phi_{693}^{3}\ \Phi_{99}^{3}\ \Phi_{77}$
84184	1320	1319	$\frac{84}{1319}$	$\frac{134}{1319}$	$\frac{247}{1319}$	$\frac{395}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
84185	1320	1452	$\frac{1}{12}$	$\frac{13}{121}$	$\frac{17}{121}$	$\frac{36}{121}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{484}\ \Phi_{363}\ \Phi_{242}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
84186	1320	1836	$\frac{19}{459}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
84187	1320	1319	$\frac{103}{1319}$	$\frac{152}{1319}$	$\frac{186}{1319}$	$\frac{389}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
84188	1320	546	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{7}$	$\frac{23}{78}$	$\Phi_{546}^{4}\ \Phi_{273}^{4}\ \Phi_{91}\ \Phi_{42}^{4}\ \Phi_{21}^{4}$
84189	1320	1590	$\frac{17}{265}$	$\frac{31}{265}$	$\frac{1}{6}$	$\frac{78}{265}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{530}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
84190	1320	1800	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{100}\ \Phi_{90}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
84191	1320	364	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{364}^{5}\ \Phi_{182}^{5}\ \Phi_{52}^{5}\ \Phi_{28}^{3}\ \Phi_{26}^{5}\ \Phi_{14}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
84192	1320	203	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{7}{29}$	$\frac{2}{7}$	$\Phi_{203}^{6}\ \Phi_{29}^{9}\ \Phi_{7}^{8}\ \Phi_{1}^{12}$
84193	1320	350	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{350}^{5}\ \Phi_{175}^{3}\ \Phi_{70}^{5}\ \Phi_{50}^{5}\ \Phi_{35}^{3}\ \Phi_{25}^{2}\ \Phi_{10}^{5}\ \Phi_{5}^{2}$
84194	1320	805	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{805}^{2}\ \Phi_{115}^{3}$
84195	1320	609	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{609}^{2}\ \Phi_{203}^{2}\ \Phi_{87}^{3}\ \Phi_{29}^{3}\ \Phi_{21}^{2}\ \Phi_{7}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
84196	1320	252	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{84}^{4}\ \Phi_{63}^{4}\ \Phi_{42}^{4}\ \Phi_{36}^{9}\ \Phi_{28}^{4}\ \Phi_{21}^{2}\ \Phi_{18}^{9}\ \Phi_{14}^{4}\ \Phi_{12}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{4}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
84197	1320	539	$\frac{1}{11}$	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{539}^{3}\ \Phi_{77}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
84198	1320	1319	$\frac{43}{1319}$	$\frac{200}{1319}$	$\frac{319}{1319}$	$\frac{373}{1319}$	$\Phi_{1319}\ \Phi_1^2$
84199	1320	1071	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{8}{51}$	$\frac{43}{153}$	$\Phi_{1071}^2\ \Phi_{119}\ \Phi_{63}^2$
84200	1320	1403	$\frac{1}{23}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	Φ_{1403}
84201	1320	1319	$\frac{87}{1319}$	$\frac{154}{1319}$	$\frac{233}{1319}$	$\frac{362}{1319}$	$\Phi_{1319}\ \Phi_1^2$
84202	1320	1199	$\frac{4}{109}$	$\frac{2}{11}$	$\frac{21}{109}$	$\frac{3}{11}$	$\Phi_{1199}\ \Phi_{109}^2\ \Phi_{11}^2\ \Phi_1^4$
84203	1320	1518	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2$
84204	1320	1199	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1199}\ \Phi_{109}^2\ \Phi_{11}^2\ \Phi_1^4$
84205	1320	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{132}^{11}\ \Phi_{66}^{11}\ \Phi_{44}^{11}\ \Phi_{33}^{11}\ \Phi_{22}^{11}\ \Phi_{12}^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}$
84206	1320	1319	$\frac{109}{1319}$	$\frac{120}{1319}$	$\frac{242}{1319}$	$\frac{359}{1319}$	$\Phi_{1319}\ \Phi_1^2$
84207	1320	1494	$\frac{11}{166}$	$\frac{1}{9}$	$\frac{31}{166}$	$\frac{45}{166}$	$\Phi_{1494}\ \Phi_{747}\ \Phi_{498}\ \Phi_{249}\ \Phi_{18}\ \Phi_6$
84208	1320	1319	$\frac{49}{1319}$	$\frac{241}{1319}$	$\frac{254}{1319}$	$\frac{355}{1319}$	$\Phi_{1319}\ \Phi_1^2$
84209	1320	1655	$\frac{11}{331}$	$\frac{64}{331}$	$\frac{1}{5}$	$\frac{89}{331}$	Φ_{1655}
84210	1320	2460	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{492}\ \Phi_{246}\ \Phi_{164}\ \Phi_{82}$
84211	1320	1785	$\frac{3}{119}$	$\frac{1}{5}$	$\frac{29}{119}$	$\frac{4}{15}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}\ \Phi_{15}^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
84212	1320	465	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{465}^4\ \Phi_{155}\ \Phi_{93}^4$
84213	1320	1785	$\frac{4}{119}$	$\frac{23}{119}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}\ \Phi_{15}^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
84214	1320	150	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{150}^{11}\ \Phi_{75}^6\ \Phi_{50}^{11}\ \Phi_{30}^9\ \Phi_{25}^{10}\ \Phi_{15}^5\ \Phi_{10}^9\ \Phi_6^8\ \Phi_5^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
84215	1320	1785	$\frac{5}{119}$	$\frac{19}{119}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}\ \Phi_{15}^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
84216	1320	105	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{105}^{11}\ \Phi_{35}^{12}\ \Phi_{21}^{17}\ \Phi_{15}^{12}\ \Phi_7^{17}\ \Phi_5^{12}\ \Phi_3^{18}\ \Phi_1^{18}$
84217	1320	255	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{255}^7\ \Phi_{51}^7\ \Phi_{17}^7\ \Phi_{15}^8\ \Phi_3^8\ \Phi_1^8$
84218	1320	720	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}\ \Phi_{180}^2\ \Phi_{144}^3\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^3\ \Phi_{60}\ \Phi_{48}^2$ $\Phi_{40}^2\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
84219	1320	1785	$\frac{9}{119}$	$\frac{11}{119}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}\ \Phi_{15}^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
84220	1320	2145	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{143}$
84221	1320	1319	$\frac{44}{1319}$	$\frac{255}{1319}$	$\frac{266}{1319}$	$\frac{351}{1319}$	$\Phi_{1319}\ \Phi_1^2$
84222	1320	1403	$\frac{1}{23}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	Φ_{1403}
84223	1320	1319	$\frac{89}{1319}$	$\frac{123}{1319}$	$\frac{299}{1319}$	$\frac{340}{1319}$	$\Phi_{1319}\ \Phi_1^2$
84224	1320	1319	$\frac{98}{1319}$	$\frac{111}{1319}$	$\frac{302}{1319}$	$\frac{339}{1319}$	$\Phi_{1319}\ \Phi_1^2$
84225	1320	1452	$\frac{9}{121}$	$\frac{1}{12}$	$\frac{28}{121}$	$\frac{31}{121}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{484}\ \Phi_{363}\ \Phi_{242}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
84226	1320	1463	$\frac{9}{133}$	$\frac{1}{11}$	$\frac{31}{133}$	$\frac{34}{133}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{77}$
84227	1320	1319	$\frac{51}{1319}$	$\frac{197}{1319}$	$\frac{317}{1319}$	$\frac{334}{1319}$	$\Phi_{1319}\ \Phi_1^2$
84228	1320	1590	$\frac{9}{265}$	$\frac{1}{6}$	$\frac{64}{265}$	$\frac{67}{265}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{530}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
84229	1320	588	$\frac{1}{49}$	$\frac{12}{49}$	$\frac{1}{4}$	$\frac{37}{147}$	$\Phi_{588}^4\ \Phi_{294}^4\ \Phi_{196}\ \Phi_{98}\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}^4\ \Phi_6^4$
84230	1320	348	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{7}{29}$	$\frac{1}{4}$	$\Phi_{348}^6\ \Phi_{174}^3\ \Phi_{116}^3\ \Phi_{87}^3\ \Phi_{29}^3\ \Phi_{12}^8\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
84231	1320	1764	$\frac{17}{441}$	$\frac{67}{441}$	$\frac{106}{441}$	$\frac{1}{4}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{126}\ \Phi_{98}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}$ $\Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
84232	1320	252	$\frac{1}{21}$	$\frac{8}{63}$	$\frac{5}{21}$	$\frac{1}{4}$	$\Phi_{252}^8\ \Phi_{126}^8\ \Phi_{84}^5\ \Phi_{42}^5\ \Phi_{36}^8\ \Phi_{28}^5\ \Phi_{18}^8\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_6^5\ \Phi_4^4\ \Phi_2^4$
84233	1320	72	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{17}{72}$	$\frac{1}{4}$	$\Phi_{72}^{24}\ \Phi_{36}^9\ \Phi_{24}^{24}\ \Phi_{18}^{17}\ \Phi_{12}^9\ \Phi_9^{16}\ \Phi_8^{24}\ \Phi_6^{17}\ \Phi_4^8\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{16}$
84234	1320	1892	$\frac{3}{43}$	$\frac{1}{11}$	$\frac{10}{43}$	$\frac{1}{4}$	$\Phi_{1892}\ \Phi_{946}\ \Phi_{44}^2\ \Phi_{22}^2$
84235	1320	156	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{156}^9\ \Phi_{78}^9\ \Phi_{52}^6\ \Phi_{39}^9\ \Phi_{26}^6\ \Phi_{13}^9\ \Phi_{12}^{12}\ \Phi_6^{12}\ \Phi_4^8\ \Phi_3^{12}\ \Phi_2^8\ \Phi_1^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
84236	1320	1764	$\frac{34}{441}$	$\frac{37}{441}$	$\frac{101}{441}$	$\frac{1}{4}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{126}\ \Phi_{98}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
84237	1320	1764	$\frac{31}{441}$	$\frac{41}{441}$	$\frac{100}{441}$	$\frac{1}{4}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{126}\ \Phi_{98}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
84238	1320	468	$\frac{7}{117}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{36}\ \Phi_{26}^4\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
84239	1320	84	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{84}^{22}\ \Phi_{42}^8\ \Phi_{28}^{19}\ \Phi_{21}^{14}\ \Phi_{14}^7\ \Phi_{12}^{22}\ \Phi_{7}^{12}\ \Phi_{6}^8\ \Phi_{4}^{18}\ \Phi_{3}^{14}\ \Phi_{2}^6\ \Phi_{1}^{12}$
84240	1320	1748	$\frac{1}{23}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{1748}\ \Phi_{874}\ \Phi_{92}^2\ \Phi_{46}^2$
84241	1320	1764	$\frac{16}{441}$	$\frac{85}{441}$	$\frac{89}{441}$	$\frac{1}{4}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{126}\ \Phi_{98}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
84242	1320	2180	$\frac{4}{109}$	$\frac{21}{109}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2180}\ \Phi_{1090}\ \Phi_{20}^2\ \Phi_{10}^2$
84243	1320	1380	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1380}^2\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{115}$
84244	1320	2180	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2180}\ \Phi_{1090}\ \Phi_{20}^2\ \Phi_{10}^2$
84245	1320	660	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^2\ \Phi_{165}^3\ \Phi_{110}^2\ \Phi_{55}^3$
84246	1320	420	$\frac{1}{21}$	$\frac{17}{105}$	$\frac{4}{21}$	$\frac{1}{4}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^5\ \Phi_{84}\ \Phi_{70}^5\ \Phi_{60}^5\ \Phi_{42}\ \Phi_{30}^5\ \Phi_{28}\ \Phi_{20}^5\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}^5\ \Phi_{6}$
84247	1320	108	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{1}{4}$	$\Phi_{108}^{16}\ \Phi_{54}^{16}\ \Phi_{36}^{17}\ \Phi_{18}^{17}\ \Phi_{12}^{17}\ \Phi_{6}^{17}\ \Phi_{4}^{16}\ \Phi_{2}^{16}$
84248	1320	196	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{1}{4}$	$\Phi_{196}^9\ \Phi_{98}^9\ \Phi_{28}^9\ \Phi_{14}^9\ \Phi_{4}^8\ \Phi_{2}^8$
84249	1320	156	$\frac{1}{12}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{4}$	$\Phi_{156}^8\ \Phi_{78}^8\ \Phi_{52}^8\ \Phi_{39}^9\ \Phi_{26}^8\ \Phi_{13}^9\ \Phi_{12}^{11}\ \Phi_{6}^{11}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
84250	1320	588	$\frac{11}{147}$	$\frac{17}{147}$	$\frac{26}{147}$	$\frac{1}{4}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{196}^3\ \Phi_{98}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
84251	1320	348	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{348}^5\ \Phi_{174}^2\ \Phi_{116}^5\ \Phi_{87}^3\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_{12}^7\ \Phi_{6}^3\ \Phi_{4}^6\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
84252	1320	36	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{36}^{40}\ \Phi_{18}^{43}\ \Phi_{12}^{27}\ \Phi_{9}^{42}\ \Phi_{6}^{29}\ \Phi_{4}^{26}\ \Phi_{3}^{28}\ \Phi_{2}^{28}\ \Phi_{1}^{28}$
84253	1320	972	$\frac{23}{243}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{4}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
84254	1320	252	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{4}$	$\Phi_{252}^8\ \Phi_{126}^8\ \Phi_{84}^8\ \Phi_{42}^8\ \Phi_{36}\ \Phi_{28}^8\ \Phi_{18}\ \Phi_{14}^8\ \Phi_{12}\ \Phi_{6}$
84255	1320	826	$\frac{3}{59}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{14}{59}$	$\Phi_{826}^2\ \Phi_{413}\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_{14}^4\ \Phi_{7}^2\ \Phi_{2}^4\ \Phi_{1}^4$
84256	1320	1656	$\frac{1}{18}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{17}{72}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{92}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{1}^2$
84257	1320	2520	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{17}{72}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{420}\ \Phi_{280}\ \Phi_{140}\ \Phi_{35}$
84258	1320	476	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{13}{68}$	$\frac{4}{17}$	$\Phi_{476}^4\ \Phi_{238}^4\ \Phi_{119}\ \Phi_{28}^4\ \Phi_{14}^4$
84259	1320	1247	$\frac{3}{43}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{10}{43}$	$\Phi_{1247}\ \Phi_{43}^2\ \Phi_{29}^2\ \Phi_{1}^4$
84260	1320	1806	$\frac{3}{43}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{10}{43}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{602}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
84261	1320	1319	$\frac{99}{1319}$	$\frac{169}{1319}$	$\frac{230}{1319}$	$\frac{305}{1319}$	$\Phi_{1319}\ \Phi_{1}^2$
84262	1320	520	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{3}{13}$	$\Phi_{520}^3\ \Phi_{260}^3\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{13}^3\ \Phi_{10}^4\ \Phi_{5}^4\ \Phi_{1}^4$
84263	1320	91	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{2}{13}$	$\frac{3}{13}$	$\Phi_{91}^{17}\ \Phi_{7}^{16}$
84264	1320	1319	$\frac{103}{1319}$	$\frac{186}{1319}$	$\frac{203}{1319}$	$\frac{304}{1319}$	$\Phi_{1319}\ \Phi_{1}^2$
84265	1320	1590	$\frac{21}{265}$	$\frac{34}{265}$	$\frac{1}{6}$	$\frac{61}{265}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{530}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
84266	1320	621	$\frac{2}{27}$	$\frac{3}{23}$	$\frac{5}{27}$	$\frac{5}{23}$	$\Phi_{621}^2\ \Phi_{207}^2\ \Phi_{69}^2\ \Phi_{27}^4\ \Phi_{23}^3\ \Phi_{9}^4\ \Phi_{3}^4\ \Phi_{1}^6$
84267	1320	276	$\frac{1}{12}$	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{5}{23}$	$\Phi_{276}^5\ \Phi_{138}^4\ \Phi_{92}^5\ \Phi_{69}^4\ \Phi_{46}^4\ \Phi_{23}^5\ \Phi_{12}^{10}\ \Phi_{6}^8\ \Phi_{4}^{10}\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^{10}$
84268	1320	1449	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{3}{23}$	$\frac{5}{23}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{161}\ \Phi_{63}^2\ \Phi_{23}\ \Phi_{21}^2\ \Phi_{7}^2\ \Phi_{1}^2$
84269	1320	1319	$\frac{94}{1319}$	$\frac{179}{1319}$	$\frac{245}{1319}$	$\frac{285}{1319}$	$\Phi_{1319}\ \Phi_{1}^2$
84270	1320	1452	$\frac{1}{12}$	$\frac{17}{121}$	$\frac{19}{121}$	$\frac{26}{121}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{484}\ \Phi_{363}\ \Phi_{242}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
84271	1320	560	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{80}^4\ \Phi_{70}\ \Phi_{40}^4\ \Phi_{35}^2\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_{5}^2$
84272	1320	826	$\frac{4}{59}$	$\frac{1}{7}$	$\frac{11}{59}$	$\frac{3}{14}$	$\Phi_{826}^2\ \Phi_{413}\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_{14}^4\ \Phi_{7}^2\ \Phi_{2}^4\ \Phi_{1}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
84273	1320	546	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{546}^{3}\ \Phi_{273}^{3}\ \Phi_{182}\ \Phi_{91}^{2}\ \Phi_{78}^{4}\ \Phi_{39}^{4}\ \Phi_{26}^{2}\ \Phi_{13}^{2}$
84274	1320	826	$\frac{5}{59}$	$\frac{1}{7}$	$\frac{9}{59}$	$\frac{3}{14}$	$\Phi_{826}^{2}\ \Phi_{413}\ \Phi_{118}^{2}\ \Phi_{59}^{2}\ \Phi_{14}^{4}\ \Phi_{7}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
84275	1320	154	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{154}^{12}\ \Phi_{77}^{7}\ \Phi_{22}^{12}\ \Phi_{11}^{6}$
84276	1320	1319	$\frac{101}{1319}$	$\frac{203}{1319}$	$\frac{208}{1319}$	$\frac{279}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
84277	1320	1590	$\frac{19}{265}$	$\frac{41}{265}$	$\frac{1}{6}$	$\frac{56}{265}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{530}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
84278	1320	665	$\frac{2}{35}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{665}^{2}\ \Phi_{133}^{2}\ \Phi_{95}\ \Phi_{35}^{4}\ \Phi_{19}^{2}\ \Phi_{7}^{4}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
84279	1320	247	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{247}^{5}\ \Phi_{19}^{6}\ \Phi_{13}^{10}\ \Phi_{1}^{12}$
84280	1320	1596	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}$
84281	1320	418	$\frac{1}{11}$	$\frac{5}{38}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{418}^{4}\ \Phi_{209}^{3}\ \Phi_{22}^{4}\ \Phi_{11}^{2}$
84282	1320	1319	$\frac{95}{1319}$	$\frac{204}{1319}$	$\frac{223}{1319}$	$\frac{274}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
84283	1320	1452	$\frac{1}{12}$	$\frac{16}{121}$	$\frac{21}{121}$	$\frac{25}{121}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{484}\ \Phi_{363}\ \Phi_{242}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
84284	1320	1319	$\frac{104}{1319}$	$\frac{175}{1319}$	$\frac{243}{1319}$	$\frac{269}{1319}$	$\Phi_{1319}\ \Phi_{1}^{2}$
84285	1320	1547	$\frac{16}{221}$	$\frac{1}{7}$	$\frac{41}{221}$	$\frac{45}{221}$	$\Phi_{1547}\ \Phi_{119}\ \Phi_{91}$
84286	1320	210	$\frac{2}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{210}^{8}\ \Phi_{105}^{8}\ \Phi_{70}^{8}\ \Phi_{42}^{8}\ \Phi_{30}^{5}\ \Phi_{21}^{8}\ \Phi_{15}^{5}\ \Phi_{14}^{8}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
84287	1320	1950	$\frac{4}{65}$	$\frac{1}{6}$	$\frac{61}{325}$	$\frac{1}{5}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
84288	1320	945	$\frac{2}{27}$	$\frac{1}{7}$	$\frac{5}{27}$	$\frac{1}{5}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{105}^{2}\ \Phi_{35}^{3}$
84289	1320	1655	$\frac{26}{331}$	$\frac{45}{331}$	$\frac{61}{331}$	$\frac{1}{5}$	Φ_{1655}
84290	1320	440	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{5}$	$\Phi_{440}^{3}\ \Phi_{220}^{3}\ \Phi_{110}^{3}\ \Phi_{88}^{4}\ \Phi_{55}^{4}\ \Phi_{44}^{4}\ \Phi_{22}^{4}\ \Phi_{11}^{4}$
84291	1320	1740	$\frac{1}{12}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{5}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{290}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
84292	1320	1655	$\frac{25}{331}$	$\frac{51}{331}$	$\frac{56}{331}$	$\frac{1}{5}$	Φ_{1655}
84293	1320	390	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{390}^{5}\ \Phi_{195}^{5}\ \Phi_{130}^{5}\ \Phi_{30}^{6}\ \Phi_{15}^{6}\ \Phi_{10}^{6}$
84294	1320	420	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{420}^{5}\ \Phi_{210}^{4}\ \Phi_{140}^{5}\ \Phi_{105}^{4}\ \Phi_{70}^{4}\ \Phi_{35}^{5}$
84295	1320	315	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{315}^{5}\ \Phi_{105}^{5}\ \Phi_{45}^{6}\ \Phi_{35}^{6}\ \Phi_{15}^{6}\ \Phi_{5}^{6}$
84296	1320	1560	$\frac{4}{39}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{7}{39}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}\ \Phi_{65}\ \Phi_{60}\ \Phi_{40}^{2}$ $\Phi_{39}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
84297	1320	357	$\frac{2}{17}$	$\frac{7}{51}$	$\frac{1}{7}$	$\frac{3}{17}$	$\Phi_{357}^{5}\ \Phi_{119}^{3}\ \Phi_{21}^{5}\ \Phi_{7}^{2}$
84298	1320	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{40}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}^{3}\ \Phi_{90}^{5}\ \Phi_{60}^{3}\ \Phi_{45}^{5}\ \Phi_{40}^{4}\ \Phi_{30}^{3}\ \Phi_{20}^{4}\ \Phi_{18}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{4}$ $\Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
84299	1320	318	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{6}$	$\frac{9}{53}$	$\Phi_{318}^{5}\ \Phi_{159}^{5}\ \Phi_{106}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
84300	1321	2112	$\frac{1}{264}$	$\frac{265}{1056}$	$\frac{791}{2112}$	$\frac{263}{528}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{528}\ \Phi_{192}\ \Phi_{176}\ \Phi_{64}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
84301	1321	1764	$\frac{2}{441}$	$\frac{443}{1764}$	$\frac{1}{3}$	$\frac{439}{882}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{441}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{84}\ \Phi_{63}\ \Phi_{49}\ \Phi_{36}\ \Phi_{28}$ $\Phi_{21}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
84302	1321	2628	$\frac{7}{1314}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1307}{2628}$	$\Phi_{2628}\ \Phi_{876}\ \Phi_{292}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
84303	1321	2624	$\frac{9}{1312}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1303}{2624}$	$\Phi_{2624}\ \Phi_{64}\ \Phi_{16}\ \Phi_{1}$
84304	1321	2400	$\frac{1}{120}$	$\frac{121}{1200}$	$\frac{1079}{2400}$	$\frac{119}{240}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
84305	1321	1512	$\frac{2}{189}$	$\frac{191}{1512}$	$\frac{1}{3}$	$\frac{187}{378}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}$ $\Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
84306	1321	2464	$\frac{1}{88}$	$\frac{89}{1232}$	$\frac{1143}{2464}$	$\frac{87}{176}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{224}\ \Phi_{176}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
84307	1321	1470	$\frac{2}{147}$	$\frac{149}{1470}$	$\frac{1}{3}$	$\frac{145}{294}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{245}\ \Phi_{210}\ \Phi_{147}\ \Phi_{105}\ \Phi_{70}\ \Phi_{49}\ \Phi_{35}\ \Phi_{30}$ $\Phi_{21}\ \Phi_{15}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
84308	1321	2604	$\frac{19}{1302}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1283}{2604}$	$\Phi_{2604}\ \Phi_{868}\ \Phi_{372}\ \Phi_{124}\ \Phi_{84}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
84309	1321	1590	$\frac{4}{265}$	$\frac{269}{1590}$	$\frac{1}{5}$	$\frac{261}{530}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{318}\ \Phi_{265}\ \Phi_{159}\ \Phi_{53}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
84310	1321	2600	$\frac{21}{1300}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1279}{2600}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{200}\ \Phi_{104}\ \Phi_{40}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
84311	1321	2592	$\frac{25}{1296}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{1271}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
84312	1321	2592	$\frac{25}{1296}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1271}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
84313	1321	2592	$\frac{25}{1296}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1271}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
84314	1321	1776	$\frac{11}{444}$	$\frac{1}{12}$	$\frac{455}{1776}$	$\frac{433}{888}$	$\Phi_{1776}\ \Phi_{592}\ \Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}\ \Phi_{48}\ \Phi_{37}\ \Phi_{16}\ \Phi_{1}$
84315	1321	2560	$\frac{1}{40}$	$\frac{41}{1280}$	$\frac{1239}{2560}$	$\frac{39}{80}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{80}\ \Phi_{16}\ \Phi_{1}$
84316	1321	1920	$\frac{1}{40}$	$\frac{41}{640}$	$\frac{599}{1920}$	$\frac{39}{80}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
84317	1321	1440	$\frac{1}{40}$	$\frac{119}{1440}$	$\frac{41}{160}$	$\frac{39}{80}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
84318	1321	1600	$\frac{1}{40}$	$\frac{41}{320}$	$\frac{279}{1600}$	$\frac{39}{80}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_{1}$
84319	1321	1386	$\frac{2}{63}$	$\frac{65}{1386}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{198}\ \Phi_{154}\ \Phi_{99}\ \Phi_{77}\ \Phi_{66}\ \Phi_{63}\ \Phi_{33}\ \Phi_{22}\ \Phi_{21}\ \Phi_{11}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
84320	1321	1728	$\frac{1}{24}$	$\frac{25}{432}$	$\frac{407}{1728}$	$\frac{23}{48}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
84321	1321	1440	$\frac{1}{24}$	$\frac{119}{1440}$	$\frac{25}{144}$	$\frac{23}{48}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
84322	1321	1520	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{199}{1520}$	$\frac{181}{380}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{304}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{80}\ \Phi_{40}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
84323	1321	2520	$\frac{2}{63}$	$\frac{61}{1260}$	$\frac{1}{3}$	$\frac{1199}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{40}\ \Phi_{24}\ \Phi_{21}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
84324	1321	2520	$\frac{1}{30}$	$\frac{61}{1260}$	$\frac{29}{90}$	$\frac{1199}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
84325	1321	2520	$\frac{61}{1260}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1199}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{72}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
84326	1321	1428	$\frac{5}{102}$	$\frac{107}{1428}$	$\frac{1}{6}$	$\frac{97}{204}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{238}\ \Phi_{119}\ \Phi_{102}\ \Phi_{84}\ \Phi_{51}\ \Phi_{42}\ \Phi_{34}\ \Phi_{28}\ \Phi_{21}\ \Phi_{17}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
84327	1321	2496	$\frac{1}{24}$	$\frac{73}{1248}$	$\frac{23}{96}$	$\frac{1175}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
84328	1321	2496	$\frac{73}{1248}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1175}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{192}\ \Phi_{78}\ \Phi_{64}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
84329	1321	1404	$\frac{83}{1404}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{73}{156}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{234}\ \Phi_{117}\ \Phi_{108}\ \Phi_{78}\ \Phi_{54}\ \Phi_{39}\ \Phi_{36}\ \Phi_{27}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
84330	1321	1800	$\frac{1}{30}$	$\frac{29}{450}$	$\frac{479}{1800}$	$\frac{421}{900}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
84331	1321	1350	$\frac{29}{1350}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{270}\ \Phi_{225}\ \Phi_{150}\ \Phi_{135}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
84332	1321	2448	$\frac{5}{102}$	$\frac{97}{1224}$	$\frac{1}{6}$	$\frac{1127}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{144}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{1}$
84333	1321	1452	$\frac{10}{121}$	$\frac{131}{1452}$	$\frac{1}{11}$	$\frac{111}{242}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{484}\ \Phi_{363}\ \Phi_{132}\ \Phi_{121}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
84334	1321	2420	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{111}{1210}$	$\frac{1099}{2420}$	$\Phi_{2420}\ \Phi_{484}\ \Phi_{220}\ \Phi_{121}\ \Phi_{44}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
84335	1321	1344	$\frac{23}{1344}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
84336	1321	2400	$\frac{1}{30}$	$\frac{121}{1200}$	$\frac{29}{150}$	$\frac{1079}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{160}\ \Phi_{150}\ \Phi_{96}\ \Phi_{75}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{1}$
84337	1321	1620	$\frac{1}{30}$	$\frac{29}{270}$	$\frac{299}{1620}$	$\frac{241}{540}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{90}\ \Phi_{81}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
84338	1321	2376	$\frac{1}{66}$	$\frac{133}{1188}$	$\frac{65}{198}$	$\frac{1055}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
84339	1321	1536	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{215}{1536}$	$\frac{169}{384}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
84340	1321	2352	$\frac{2}{147}$	$\frac{145}{1176}$	$\frac{1}{3}$	$\frac{1031}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{147}\ \Phi_{112}\ \Phi_{49}\ \Phi_{48}\ \Phi_{21}\ \Phi_{16}\ \Phi_{7}\ \Phi_{1}$
84341	1321	2352	$\frac{1}{24}$	$\frac{145}{1176}$	$\frac{23}{168}$	$\frac{1031}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
84342	1321	1968	$\frac{9}{656}$	$\frac{1}{8}$	$\frac{647}{1968}$	$\frac{7}{16}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
84343	1321	1344	$\frac{23}{1344}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
84344	1321	1400	$\frac{79}{1400}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{140}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{100}\ \Phi_{70}\ \Phi_{56}\ \Phi_{50}\ \Phi_{40}\ \Phi_{35}\ \Phi_{25}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
84345	1321	1848	$\frac{1}{66}$	$\frac{65}{462}$	$\frac{527}{1848}$	$\frac{397}{924}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
84346	1321	2304	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{169}{1152}$	$\frac{983}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
84347	1321	2280	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{181}{1140}$	$\frac{959}{2280}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{190}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{40}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
84348	1321	1350	$\frac{29}{1350}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{270}\ \Phi_{225}\ \Phi_{150}\ \Phi_{135}\ \Phi_{90}\ \Phi_{75}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
84349	1321	2268	$\frac{2}{189}$	$\frac{187}{1134}$	$\frac{1}{3}$	$\frac{947}{2268}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{324}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
84350	1321	1500	$\frac{1}{30}$	$\frac{179}{1500}$	$\frac{29}{150}$	$\frac{121}{300}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{250}\ \Phi_{150}\ \Phi_{125}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{1}$
84351	1321	1650	$\frac{1}{55}$	$\frac{54}{275}$	$\frac{329}{1650}$	$\frac{221}{550}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{330}\ \Phi_{275}\ \Phi_{165}\ \Phi_{150}\ \Phi_{75}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
84352	1321	2200	$\frac{1}{55}$	$\frac{54}{275}$	$\frac{221}{1100}$	$\frac{879}{2200}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{275}\ \Phi_{200}\ \Phi_{88}\ \Phi_{40}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
84353	1321	1332	$\frac{11}{1332}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1332}\ \Phi_{666}\ \Phi_{444}\ \Phi_{333}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
84354	1321	2160	$\frac{1}{120}$	$\frac{241}{1080}$	$\frac{119}{360}$	$\frac{839}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
84355	1321	2160	$\frac{1}{30}$	$\frac{29}{270}$	$\frac{241}{1080}$	$\frac{839}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{144}\ \Phi_{135}\ \Phi_{90}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{45}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
84356	1321	2120	$\frac{4}{265}$	$\frac{1}{5}$	$\frac{261}{1060}$	$\frac{799}{2120}$	$\Phi_{2120}\ \Phi_{424}\ \Phi_{265}\ \Phi_{53}\ \Phi_{40}\ \Phi_{8}\ \Phi_{1}$
84357	1321	1920	$\frac{1}{120}$	$\frac{119}{480}$	$\frac{599}{1920}$	$\frac{361}{960}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
84358	1321	2112	$\frac{1}{88}$	$\frac{87}{352}$	$\frac{265}{1056}$	$\frac{791}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{176}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
84359	1321	1368	$\frac{47}{1368}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
84360	1321	2016	$\frac{1}{24}$	$\frac{23}{336}$	$\frac{313}{1008}$	$\frac{695}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
84361	1321	1440	$\frac{1}{30}$	$\frac{119}{1440}$	$\frac{29}{90}$	$\frac{61}{180}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
84362	1321	1584	$\frac{1}{66}$	$\frac{263}{1584}$	$\frac{65}{198}$	$\frac{133}{396}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
84363	1321	1980	$\frac{1}{165}$	$\frac{164}{495}$	$\frac{659}{1980}$	$\frac{331}{990}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{132}\ \Phi_{99}\ \Phi_{60}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
84364	1321	1701	$\frac{2}{189}$	$\frac{380}{1701}$	$\frac{187}{567}$	$\frac{1}{3}$	$\Phi_{1701}\ \Phi_{243}\ \Phi_{189}\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
84365	1321	1971	$\frac{7}{657}$	$\frac{2}{9}$	$\frac{650}{1971}$	$\frac{1}{3}$	$\Phi_{1971}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
84366	1321	1953	$\frac{19}{651}$	$\frac{2}{21}$	$\frac{632}{1953}$	$\frac{1}{3}$	$\Phi_{1953}\ \Phi_{279}\ \Phi_{63}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
84367	1321	1944	$\frac{25}{648}$	$\frac{2}{27}$	$\frac{623}{1944}$	$\frac{1}{3}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
84368	1321	1377	$\frac{56}{1377}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{1377}\ \Phi_{459}\ \Phi_{153}\ \Phi_{51}\ \Phi_{27}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
84369	1321	1890	$\frac{2}{63}$	$\frac{61}{630}$	$\frac{569}{1890}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{63}\ \Phi_{54}\ \Phi_{27}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
84370	1321	1764	$\frac{2}{147}$	$\frac{145}{588}$	$\frac{443}{1764}$	$\frac{1}{3}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{441}\ \Phi_{252}\ \Phi_{147}\ \Phi_{126}\ \Phi_{63}\ \Phi_{49}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
84371	1321	1512	$\frac{2}{63}$	$\frac{191}{1512}$	$\frac{61}{252}$	$\frac{1}{3}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
84372	1321	1728	$\frac{25}{432}$	$\frac{2}{27}$	$\frac{407}{1728}$	$\frac{1}{3}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
84373	1321	1404	$\frac{83}{1404}$	$\frac{2}{27}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
84374	1321	1575	$\frac{2}{63}$	$\frac{254}{1575}$	$\frac{61}{315}$	$\frac{1}{3}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{225}\ \Phi_{175}\ \Phi_{75}\ \Phi_{63}\ \Phi_{25}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$
84375	1321	1620	$\frac{2}{27}$	$\frac{25}{324}$	$\frac{299}{1620}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
84376	1321	1458	$\frac{2}{27}$	$\frac{137}{1458}$	$\frac{25}{162}$	$\frac{1}{3}$	$\Phi_{1458}\ \Phi_{729}\ \Phi_{486}\ \Phi_{243}\ \Phi_{27}\ \Phi_9\ \Phi_1$
84377	1321	1512	$\frac{2}{27}$	$\frac{25}{216}$	$\frac{191}{1512}$	$\frac{1}{3}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
84378	1321	1782	$\frac{1}{66}$	$\frac{133}{594}$	$\frac{461}{1782}$	$\frac{65}{198}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{198}\ \Phi_{162}\ \Phi_{99}\ \Phi_{81}\ \Phi_{18}\ \Phi_9\ \Phi_1$
84379	1321	1950	$\frac{21}{650}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{629}{1950}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{390}\ \Phi_{195}\ \Phi_{150}\ \Phi_{78}\ \Phi_{75}\ \Phi_{39}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_6\ \Phi_3\ \Phi_1$
84380	1321	1890	$\frac{1}{30}$	$\frac{61}{630}$	$\frac{569}{1890}$	$\frac{29}{90}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
84381	1321	1944	$\frac{25}{648}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{623}{1944}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
84382	1321	1710	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{389}{1710}$	$\frac{181}{570}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{342}\ \Phi_{190}\ \Phi_{171}\ \Phi_{95}\ \Phi_{90}\ \Phi_{45}\ \Phi_{38}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_1$
84383	1321	1530	$\frac{5}{102}$	$\frac{209}{1530}$	$\frac{1}{6}$	$\frac{97}{306}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{102}\ \Phi_{90}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}\ \Phi_{34}\ \Phi_{30}\ \Phi_{17}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
84384	1321	1728	$\frac{25}{432}$	$\frac{1}{12}$	$\frac{407}{1728}$	$\frac{11}{36}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
84385	1321	1404	$\frac{83}{1404}$	$\frac{1}{12}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_1$
84386	1321	1620	$\frac{25}{324}$	$\frac{1}{12}$	$\frac{299}{1620}$	$\frac{11}{36}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
84387	1321	1440	$\frac{119}{1440}$	$\frac{1}{12}$	$\frac{25}{144}$	$\frac{11}{36}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
84388	1321	1512	$\frac{1}{12}$	$\frac{25}{216}$	$\frac{191}{1512}$	$\frac{11}{36}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
84389	1321	1890	$\frac{61}{630}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{569}{1890}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{70}\ \Phi_{54}\ \Phi_{35}\ \Phi_{27}\ \Phi_{14}\ \Phi_7\ \Phi_1$
84390	1321	1872	$\frac{5}{78}$	$\frac{73}{624}$	$\frac{1}{6}$	$\frac{551}{1872}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{144}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_1$
84391	1321	1728	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{407}{1728}$	$\frac{169}{576}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
84392	1321	1470	$\frac{1}{10}$	$\frac{149}{1470}$	$\frac{9}{70}$	$\frac{61}{210}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{294}\ \Phi_{245}\ \Phi_{147}\ \Phi_{98}\ \Phi_{70}\ \Phi_{49}\ \Phi_{35}\ \Phi_{14}\ \Phi_7\ \Phi_1$
84393	1321	1836	$\frac{5}{102}$	$\frac{97}{612}$	$\frac{1}{6}$	$\frac{515}{1836}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{459}\ \Phi_{108}\ \Phi_{102}\ \Phi_{54}\ \Phi_{51}\ \Phi_{34}\ \Phi_{27}\ \Phi_{17}\ \Phi_1$
84394	1321	1815	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{111}{605}$	$\frac{494}{1815}$	$\Phi_{1815}\ \Phi_{363}\ \Phi_{165}\ \Phi_{121}\ \Phi_{33}\ \Phi_{15}\ \Phi_3\ \Phi_1$
84395	1321	1800	$\frac{1}{30}$	$\frac{29}{150}$	$\frac{121}{600}$	$\frac{479}{1800}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{18}\ \Phi_9\ \Phi_1$
84396	1321	1632	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{311}{1632}$	$\frac{97}{408}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{272}\ \Phi_{102}\ \Phi_{96}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
84397	1321	1560	$\frac{5}{78}$	$\frac{239}{1560}$	$\frac{1}{6}$	$\frac{73}{312}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{40}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_1$
84398	1321	1680	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{420}$	$\frac{359}{1680}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
84399	1321	1400	$\frac{79}{1400}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
84400	1321	1625	$\frac{21}{325}$	$\frac{4}{25}$	$\frac{304}{1625}$	$\frac{1}{5}$	$\Phi_{1625}\ \Phi_{125}\ \Phi_{25}\ \Phi_1$
84401	1323	1128	$\frac{1}{188}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{187}{376}$	$\Phi_{1128}^2\ \Phi_{376}^3\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
84402	1323	3384	$\frac{1}{188}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{187}{376}$	$\Phi_{3384}\ \Phi_{376}\ \Phi_{72}\ \Phi_9\ \Phi_8\ \Phi_1$
84403	1323	1168	$\frac{1}{146}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{145}{292}$	$\Phi_{1168}^2\ \Phi_{292}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
84404	1323	292	$\frac{1}{146}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{145}{292}$	$\Phi_{292}^5\ \Phi_{146}^4\ \Phi_{73}^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
84405	1323	1240	$\frac{1}{62}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{61}{124}$	$\Phi_{1240}^2\ \Phi_{248}^2\ \Phi_{124}\ \Phi_{40}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
84406	1323	620	$\frac{1}{62}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{61}{124}$	$\Phi_{620}^4\ \Phi_{124}^5\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
84407	1323	248	$\frac{1}{62}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{61}{124}$	$\Phi_{248}^6\ \Phi_{124}^5\ \Phi_{62}^4\ \Phi_{31}^4\ \Phi_8^9\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
84408	1323	3100	$\frac{1}{62}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{61}{124}$	$\Phi_{3100}\ \Phi_{124}\ \Phi_{100}\ \Phi_{25}\ \Phi_4\ \Phi_1$
84409	1323	1248	$\frac{1}{48}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{47}{96}$	$\Phi_{1248}^2\ \Phi_{416}^2\ \Phi_{96}^3\ \Phi_{52}\ \Phi_{32}^3\ \Phi_4\ \Phi_1$
84410	1323	1248	$\frac{1}{48}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{47}{96}$	$\Phi_{1248}^2\ \Phi_{416}^2\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_{13}^2\ \Phi_1^3$
84411	1323	480	$\frac{1}{48}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{47}{96}$	$\Phi_{480}^6\ \Phi_{160}^6\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
84412	1323	1480	$\frac{4}{185}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{181}{370}$	$\Phi_{1480}\ \Phi_{740}\ \Phi_{296}\ \Phi_{185}\ \Phi_{148}\ \Phi_{40}^2\ \Phi_{37}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
84413	1323	152	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{13}{76}$	$\frac{37}{76}$	$\Phi_{152}^{10}\ \Phi_{76}^8\ \Phi_{38}^7\ \Phi_{19}^7\ \Phi_8^9\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
84414	1323	572	$\frac{4}{143}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{139}{286}$	$\Phi_{572}^3\ \Phi_{143}^3\ \Phi_{52}^4\ \Phi_{44}^3\ \Phi_{26}\ \Phi_{13}^3\ \Phi_{11}^3\ \Phi_4^3\ \Phi_1^3$
84415	1323	68	$\frac{1}{34}$	$\frac{5}{68}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{68}^{20}\ \Phi_{34}^{19}\ \Phi_{17}^{19}\ \Phi_4^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
84416	1323	1700	$\frac{16}{425}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{409}{850}$	$\Phi_{1700}\ \Phi_{425}\ \Phi_{340}\ \Phi_{100}\ \Phi_{85}\ \Phi_{68}^2\ \Phi_{34}\ \Phi_{25}\ \Phi_{20}\ \Phi_{17}\ \Phi_5\ \Phi_4\ \Phi_1$
84417	1323	2652	$\frac{1}{26}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{204}\ \Phi_{68}\ \Phi_{52}\ \Phi_{51}\ \Phi_{17}\ \Phi_4\ \Phi_1$
84418	1323	936	$\frac{1}{26}$	$\frac{1}{24}$	$\frac{23}{72}$	$\frac{25}{52}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{72}^3\ \Phi_{52}\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_4\ \Phi_1$
84419	1323	52	$\frac{1}{26}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{52}^{26}\ \Phi_{26}^{25}\ \Phi_{13}^{25}\ \Phi_4^{25}\ \Phi_2^{24}\ \Phi_1^{25}$
84420	1323	832	$\frac{1}{26}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{25}{52}$	$\Phi_{832}^2\ \Phi_{416}^2\ \Phi_{64}^3\ \Phi_{52}\ \Phi_{32}^3\ \Phi_4\ \Phi_1$
84421	1323	780	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{25}{52}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{60}^3\ \Phi_{52}\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
84422	1323	1404	$\frac{1}{26}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{25}{52}$	$\Phi_{1404}^2\ \Phi_{468}^2\ \Phi_{108}^2\ \Phi_{54}\ \Phi_{52}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
84423	1323	104	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{25}{52}$	$\Phi_{104}^{12}\ \Phi_{52}^{13}\ \Phi_{26}^{12}\ \Phi_{13}^{12}\ \Phi_8^{18}\ \Phi_4^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
84424	1323	1240	$\frac{1}{31}$	$\frac{1}{20}$	$\frac{10}{31}$	$\frac{19}{40}$	$\Phi_{1240}^2\ \Phi_{248}^2\ \Phi_{40}^3\ \Phi_{31}^2\ \Phi_8^3\ \Phi_1^3$
84425	1323	440	$\frac{1}{22}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{440}^6\ \Phi_{88}^6\ \Phi_{44}^2\ \Phi_{40}^3\ \Phi_{22}\ \Phi_{11}\ \Phi_8^3\ \Phi_4\ \Phi_1$
84426	1323	1240	$\frac{1}{20}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{19}{40}$	$\Phi_{1240}^2\ \Phi_{248}^2\ \Phi_{40}^3\ \Phi_{31}^2\ \Phi_8^3\ \Phi_1^3$
84427	1323	40	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{19}{40}$	$\Phi_{40}^{29}\ \Phi_{20}^{38}\ \Phi_{10}^{37}\ \Phi_8^{28}\ \Phi_5^{37}\ \Phi_4^{37}\ \Phi_2^{36}\ \Phi_1^{37}$
84428	1323	832	$\frac{1}{26}$	$\frac{25}{416}$	$\frac{1}{4}$	$\frac{391}{832}$	$\Phi_{832}^3\ \Phi_{64}^3\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{13}\ \Phi_4\ \Phi_1$
84429	1323	272	$\frac{1}{34}$	$\frac{11}{136}$	$\frac{1}{4}$	$\frac{125}{272}$	$\Phi_{272}^9\ \Phi_{68}^2\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}^9\ \Phi_4\ \Phi_1$
84430	1323	1260	$\frac{1}{28}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}^2\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
84431	1323	420	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^2\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{42}^4\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{28}\ \Phi_{21}^4\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{14}\ \Phi_{12}^3\ \Phi_{10}\ \Phi_7\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
84432	1323	200	$\frac{11}{200}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{200}^7\ \Phi_{100}^7\ \Phi_{50}^7\ \Phi_{40}^5\ \Phi_{25}^7\ \Phi_{20}^6\ \Phi_{10}^5\ \Phi_8^4\ \Phi_5^5\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
84433	1323	152	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{8}$	$\frac{17}{38}$	$\Phi_{152}^{10}\ \Phi_{76}^{10}\ \Phi_{38}\ \Phi_{19}^9\ \Phi_8^9\ \Phi_4^9\ \Phi_1^9$
84434	1323	1168	$\frac{1}{73}$	$\frac{1}{8}$	$\frac{24}{73}$	$\frac{7}{16}$	$\Phi_{1168}^2\ \Phi_{73}^2\ \Phi_{16}^3\ \Phi_1^3$
84435	1323	400	$\frac{1}{50}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{400}^6\ \Phi_{100}^2\ \Phi_{80}^6\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
84436	1323	1168	$\frac{3}{73}$	$\frac{1}{8}$	$\frac{10}{73}$	$\frac{7}{16}$	$\Phi_{1168}^2\ \Phi_{73}^2\ \Phi_{16}^3\ \Phi_1^3$
84437	1323	176	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{176}^{14}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{16}^7\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
84438	1323	564	$\frac{1}{94}$	$\frac{1}{6}$	$\frac{31}{94}$	$\frac{5}{12}$	$\Phi_{564}^4\ \Phi_{188}^4\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{12}^5\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
84439	1323	192	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{192}^6\ \Phi_{96}^6\ \Phi_{64}^9\ \Phi_{48}^6\ \Phi_{32}^9\ \Phi_{24}^6\ \Phi_{16}^9\ \Phi_{12}^5\ \Phi_8^9\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
84440	1323	2820	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{46}{235}$	$\frac{5}{12}$	$\Phi_{2820}\ \Phi_{940}\ \Phi_{235}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
84441	1323	564	$\frac{3}{94}$	$\frac{13}{94}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{564}^4\ \Phi_{188}^4\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{12}^5\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
84442	1323	168	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{168}^{8}\ \Phi_{84}^{6}\ \Phi_{56}^{12}\ \Phi_{42}^{6}\ \Phi_{28}^{9}\ \Phi_{24}^{6}\ \Phi_{21}^{6}\ \Phi_{14}^{9}\ \Phi_{12}^{5}\ \Phi_{8}^{9}\ \Phi_{7}^{9}\ \Phi_{6}^{4}\ \Phi_{4}^{7}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
84443	1323	564	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{564}^{4}\ \Phi_{188}^{4}\ \Phi_{47}^{4}\ \Phi_{12}^{5}\ \Phi_{4}^{5}\ \Phi_{1}^{5}$
84444	1323	660	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{660}^{4}\ \Phi_{220}^{4}\ \Phi_{132}^{2}\ \Phi_{110}^{2}\ \Phi_{60}^{2}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{22}\ \Phi_{20}^{2}\ \Phi_{12}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
84445	1323	560	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{560}^{4}\ \Phi_{140}^{2}\ \Phi_{112}^{4}\ \Phi_{80}^{3}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{28}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
84446	1323	304	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{37}{152}$	$\frac{115}{304}$	$\Phi_{304}^{7}\ \Phi_{152}^{2}\ \Phi_{76}^{2}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}^{7}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
84447	1323	800	$\frac{1}{50}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{800}^{2}\ \Phi_{400}^{2}\ \Phi_{160}^{2}\ \Phi_{100}^{2}\ \Phi_{80}^{2}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
84448	1323	760	$\frac{5}{152}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{760}^{2}\ \Phi_{380}^{2}\ \Phi_{190}^{2}\ \Phi_{152}\ \Phi_{95}^{2}\ \Phi_{76}\ \Phi_{38}\ \Phi_{20}^{2}\ \Phi_{19}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
84449	1323	350	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{350}^{4}\ \Phi_{175}^{4}\ \Phi_{70}^{4}\ \Phi_{50}^{3}\ \Phi_{35}^{4}\ \Phi_{25}^{3}\ \Phi_{14}\ \Phi_{10}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
84450	1323	352	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{352}^{6}\ \Phi_{176}^{2}\ \Phi_{88}^{2}\ \Phi_{44}^{2}\ \Phi_{32}^{3}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
84451	1323	370	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{12}{37}$	$\frac{25}{74}$	$\Phi_{370}^{4}\ \Phi_{185}^{4}\ \Phi_{74}\ \Phi_{37}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
84452	1323	846	$\frac{1}{94}$	$\frac{2}{9}$	$\frac{31}{94}$	$\frac{1}{3}$	$\Phi_{846}^{2}\ \Phi_{423}^{2}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
84453	1323	663	$\frac{2}{51}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{663}^{2}\ \Phi_{221}^{2}\ \Phi_{51}^{3}\ \Phi_{17}^{3}\ \Phi_{13}^{2}\ \Phi_{1}^{3}$
84454	1323	576	$\frac{1}{64}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{576}^{3}\ \Phi_{288}^{3}\ \Phi_{144}^{3}\ \Phi_{72}^{3}\ \Phi_{64}^{3}\ \Phi_{36}^{2}\ \Phi_{32}^{3}\ \Phi_{18}^{2}\ \Phi_{16}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
84455	1323	1020	$\frac{2}{51}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^{2}\ \Phi_{510}\ \Phi_{340}^{2}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{51}\ \Phi_{20}^{2}\ \Phi_{17}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
84456	1323	2115	$\frac{1}{47}$	$\frac{46}{235}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2115}\ \Phi_{235}\ \Phi_{45}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
84457	1323	846	$\frac{3}{94}$	$\frac{13}{94}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{846}^{2}\ \Phi_{423}^{2}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
84458	1323	504	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{504}^{4}\ \Phi_{252}^{3}\ \Phi_{126}^{3}\ \Phi_{72}^{3}\ \Phi_{63}^{3}\ \Phi_{56}^{4}\ \Phi_{36}^{2}\ \Phi_{28}^{3}\ \Phi_{18}^{2}\ \Phi_{14}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
84459	1323	423	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{423}^{4}\ \Phi_{47}^{4}\ \Phi_{9}^{5}\ \Phi_{1}^{5}$
84460	1323	990	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{198}\ \Phi_{110}^{2}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}^{2}\ \Phi_{45}\ \Phi_{22}\ \Phi_{11}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
84461	1323	292	$\frac{1}{73}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{24}{73}$	$\Phi_{292}^{4}\ \Phi_{146}^{4}\ \Phi_{73}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
84462	1323	661	$\frac{10}{661}$	$\frac{148}{661}$	$\frac{171}{661}$	$\frac{217}{661}$	$\Phi_{661}^{2}\ \Phi_{1}^{3}$
84463	1323	884	$\frac{7}{442}$	$\frac{99}{442}$	$\frac{1}{4}$	$\frac{145}{442}$	$\Phi_{884}^{2}\ \Phi_{442}\ \Phi_{221}\ \Phi_{68}^{2}\ \Phi_{52}^{2}\ \Phi_{34}\ \Phi_{26}\ \Phi_{17}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
84464	1323	340	$\frac{1}{34}$	$\frac{23}{170}$	$\frac{1}{4}$	$\frac{11}{34}$	$\Phi_{340}^{6}\ \Phi_{170}^{3}\ \Phi_{85}^{3}\ \Phi_{68}^{2}\ \Phi_{34}\ \Phi_{20}^{6}\ \Phi_{17}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
84465	1323	310	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{10}{31}$	$\Phi_{310}^{4}\ \Phi_{155}^{4}\ \Phi_{62}^{4}\ \Phi_{31}^{6}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
84466	1323	248	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{10}{31}$	$\Phi_{248}^{6}\ \Phi_{124}^{4}\ \Phi_{62}^{4}\ \Phi_{31}^{6}\ \Phi_{8}^{9}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
84467	1323	775	$\frac{1}{31}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{10}{31}$	$\Phi_{775}^{2}\ \Phi_{31}^{2}\ \Phi_{25}^{3}\ \Phi_{1}^{3}$
84468	1323	661	$\frac{22}{661}$	$\frac{64}{661}$	$\frac{199}{661}$	$\frac{213}{661}$	$\Phi_{661}^{2}\ \Phi_{1}^{3}$
84469	1323	760	$\frac{7}{190}$	$\frac{1}{8}$	$\frac{43}{190}$	$\frac{61}{190}$	$\Phi_{760}^{2}\ \Phi_{380}^{2}\ \Phi_{190}\ \Phi_{152}^{2}\ \Phi_{95}\ \Phi_{76}^{2}\ \Phi_{40}^{2}\ \Phi_{38}\ \Phi_{20}^{2}\ \Phi_{19}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
84470	1323	936	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{23}{72}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{234}^{2}\ \Phi_{117}^{2}\ \Phi_{72}^{3}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{13}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
84471	1323	360	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{23}{72}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{90}^{6}\ \Phi_{72}^{3}\ \Phi_{45}^{6}\ \Phi_{36}^{3}\ \Phi_{20}^{2}\ \Phi_{18}^{3}\ \Phi_{10}\ \Phi_{9}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
84472	1323	661	$\frac{28}{661}$	$\frac{73}{661}$	$\frac{150}{661}$	$\frac{211}{661}$	$\Phi_{661}^{2}\ \Phi_{1}^{3}$
84473	1323	884	$\frac{19}{442}$	$\frac{43}{442}$	$\frac{1}{4}$	$\frac{141}{442}$	$\Phi_{884}^{2}\ \Phi_{442}\ \Phi_{221}\ \Phi_{68}^{2}\ \Phi_{52}^{2}\ \Phi_{34}\ \Phi_{26}\ \Phi_{17}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
84474	1323	152	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{13}{76}$	$\frac{6}{19}$	$\Phi_{152}^{10}\ \Phi_{76}^{7}\ \Phi_{38}^{7}\ \Phi_{19}^{9}\ \Phi_{8}^{9}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
84475	1323	52	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{52}^{25}\ \Phi_{26}^{25}\ \Phi_{13}^{27}\ \Phi_{4}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{27}$
84476	1323	832	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{15}{64}$	$\frac{4}{13}$	$\Phi_{832}^{2}\ \Phi_{416}^{2}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{13}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
84477	1323	780	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{4}{13}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}^{2}\ \Phi_{130}^{2}\ \Phi_{65}^{2}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{13}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
84478	1323	702	$\frac{1}{13}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{4}{13}$	$\Phi_{702}^{2}\ \Phi_{351}^{2}\ \Phi_{234}^{2}\ \Phi_{117}^{2}\ \Phi_{54}^{3}\ \Phi_{27}^{3}\ \Phi_{18}^{3}\ \Phi_{13}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
84479	1323	104	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{4}{13}$	$\Phi_{104}^{12}\ \Phi_{52}^{12}\ \Phi_{26}^{12}\ \Phi_{13}^{14}\ \Phi_{8}^{18}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{21}$
84480	1323	661	$\frac{64}{661}$	$\frac{66}{661}$	$\frac{85}{661}$	$\frac{199}{661}$	$\Phi_{661}^{2}\ \Phi_{1}^{3}$
84481	1323	220	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{220}^{8}\ \Phi_{110}^{4}\ \Phi_{55}^{4}\ \Phi_{44}^{10}\ \Phi_{22}^{5}\ \Phi_{20}^{4}\ \Phi_{11}^{5}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
84482	1323	310	$\frac{3}{31}$	$\frac{1}{10}$	$\frac{4}{31}$	$\frac{3}{10}$	$\Phi_{310}^{4}\ \Phi_{155}^{4}\ \Phi_{62}^{4}\ \Phi_{31}^{6}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
84483	1323	40	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{10}$	$\Phi_{40}^{38}\ \Phi_{20}^{38}\ \Phi_{10}^{19}\ \Phi_{8}^{37}\ \Phi_{5}^{19}\ \Phi_{4}^{37}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
84484	1323	704	$\frac{1}{22}$	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{704}^{2}\ \Phi_{352}^{2}\ \Phi_{176}^{2}\ \Phi_{88}^{2}\ \Phi_{64}\ \Phi_{44}^{2}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
84485	1323	208	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{1}{4}$	$\frac{61}{208}$	$\Phi_{208}^{6}\ \Phi_{104}^{6}\ \Phi_{52}^{8}\ \Phi_{26}^{7}\ \Phi_{16}^{6}\ \Phi_{13}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
84486	1323	661	$\frac{52}{661}$	$\frac{82}{661}$	$\frac{87}{661}$	$\frac{193}{661}$	$\Phi_{661}^{2}\ \Phi_{1}^{3}$
84487	1323	740	$\frac{1}{10}$	$\frac{15}{148}$	$\frac{19}{148}$	$\frac{43}{148}$	$\Phi_{740}^{2}\ \Phi_{370}^{2}\ \Phi_{185}^{2}\ \Phi_{148}\ \Phi_{74}\ \Phi_{37}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
84488	1323	661	$\frac{66}{661}$	$\frac{67}{661}$	$\frac{85}{661}$	$\frac{192}{661}$	$\Phi_{661}^{2}\ \Phi_{1}^{3}$
84489	1323	152	$\frac{3}{38}$	$\frac{1}{8}$	$\frac{5}{38}$	$\frac{11}{38}$	$\Phi_{152}^{10}\ \Phi_{76}^{10}\ \Phi_{38}^{5}\ \Phi_{19}^{5}\ \Phi_{8}^{9}\ \Phi_{4}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
84490	1323	661	$\frac{24}{661}$	$\frac{91}{661}$	$\frac{157}{661}$	$\frac{190}{661}$	$\Phi_{661}^{2}\ \Phi_{1}^{3}$
84491	1323	884	$\frac{15}{442}$	$\frac{61}{442}$	$\frac{1}{4}$	$\frac{127}{442}$	$\Phi_{884}^{2}\ \Phi_{442}\ \Phi_{221}\ \Phi_{68}^{2}\ \Phi_{52}^{2}\ \Phi_{34}\ \Phi_{26}\ \Phi_{17}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
84492	1323	68	$\frac{1}{34}$	$\frac{11}{68}$	$\frac{1}{4}$	$\frac{19}{68}$	$\Phi_{68}^{20}\ \Phi_{34}^{19}\ \Phi_{17}^{19}\ \Phi_{4}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
84493	1323	420	$\frac{1}{28}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{4}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{70}^{4}\ \Phi_{60}^{2}\ \Phi_{42}^{3}\ \Phi_{35}^{4}\ \Phi_{30}^{2}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{3}\ \Phi_{1}^{3}$
84494	1323	100	$\frac{1}{50}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{100}^{14}\ \Phi_{50}^{13}\ \Phi_{25}^{13}\ \Phi_{20}^{14}\ \Phi_{10}^{13}\ \Phi_{5}^{13}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
84495	1323	292	$\frac{3}{73}$	$\frac{10}{73}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{292}^{4}\ \Phi_{146}^{4}\ \Phi_{73}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
84496	1323	88	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{88}^{18}\ \Phi_{44}^{14}\ \Phi_{22}^{13}\ \Phi_{11}^{13}\ \Phi_{8}^{9}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
84497	1323	260	$\frac{3}{52}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{260}^{6}\ \Phi_{130}^{6}\ \Phi_{65}^{6}\ \Phi_{52}^{3}\ \Phi_{26}^{3}\ \Phi_{20}^{2}\ \Phi_{13}^{3}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
84498	1323	544	$\frac{1}{34}$	$\frac{103}{544}$	$\frac{33}{136}$	$\frac{1}{4}$	$\Phi_{544}^{3}\ \Phi_{272}^{3}\ \Phi_{68}^{2}\ \Phi_{34}\ \Phi_{32}^{3}\ \Phi_{17}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
84499	1323	520	$\frac{1}{26}$	$\frac{79}{520}$	$\frac{25}{104}$	$\frac{1}{4}$	$\Phi_{520}^{3}\ \Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{65}^{3}\ \Phi_{52}^{2}\ \Phi_{40}^{3}\ \Phi_{26}\ \Phi_{20}^{3}\ \Phi_{13}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
84500	1323	320	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{15}{64}$	$\frac{1}{4}$	$\Phi_{320}^{6}\ \Phi_{160}^{6}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
84501	1323	572	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{131}{572}$	$\frac{1}{4}$	$\Phi_{572}^{2}\ \Phi_{286}^{2}\ \Phi_{143}^{3}\ \Phi_{52}^{3}\ \Phi_{44}^{2}\ \Phi_{26}^{3}\ \Phi_{22}^{2}\ \Phi_{13}^{3}\ \Phi_{11}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
84502	1323	880	$\frac{1}{22}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{880}^{2}\ \Phi_{440}^{2}\ \Phi_{176}^{2}\ \Phi_{88}^{2}\ \Phi_{80}\ \Phi_{44}^{2}\ \Phi_{40}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
84503	1323	1100	$\frac{1}{22}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1100}^{2}\ \Phi_{550}\ \Phi_{275}\ \Phi_{100}\ \Phi_{44}^{2}\ \Phi_{25}\ \Phi_{22}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
84504	1323	340	$\frac{1}{17}$	$\frac{23}{170}$	$\frac{16}{85}$	$\frac{1}{4}$	$\Phi_{340}^{5}\ \Phi_{170}^{2}\ \Phi_{85}^{3}\ \Phi_{68}^{6}\ \Phi_{34}^{3}\ \Phi_{20}^{5}\ \Phi_{17}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
84505	1323	160	$\frac{13}{160}$	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{160}^{9}\ \Phi_{80}^{7}\ \Phi_{40}^{7}\ \Phi_{32}^{9}\ \Phi_{20}^{9}\ \Phi_{16}^{8}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
84506	1323	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{1}{4}$	$\Phi_{60}^{21}\ \Phi_{30}^{21}\ \Phi_{20}^{23}\ \Phi_{15}^{21}\ \Phi_{12}^{24}\ \Phi_{10}^{22}\ \Phi_{6}^{24}\ \Phi_{5}^{22}\ \Phi_{4}^{25}\ \Phi_{3}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
84507	1323	68	$\frac{5}{68}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{68}^{19}\ \Phi_{34}^{19}\ \Phi_{17}^{21}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{21}$
84508	1323	540	$\frac{5}{54}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{540}^{4}\ \Phi_{270}^{2}\ \Phi_{180}^{4}\ \Phi_{135}^{2}\ \Phi_{108}^{2}\ \Phi_{90}^{2}\ \Phi_{54}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{27}\ \Phi_{20}^{2}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
84509	1323	248	$\frac{3}{31}$	$\frac{1}{8}$	$\frac{4}{31}$	$\frac{1}{4}$	$\Phi_{248}^{6}\ \Phi_{124}^{4}\ \Phi_{62}^{4}\ \Phi_{31}^{6}\ \Phi_{8}^{9}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
84510	1323	884	$\frac{43}{442}$	$\frac{55}{442}$	$\frac{57}{442}$	$\frac{1}{4}$	$\Phi_{884}^{2}\ \Phi_{442}\ \Phi_{221}\ \Phi_{68}^{2}\ \Phi_{52}^{2}\ \Phi_{34}\ \Phi_{26}\ \Phi_{17}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
84511	1323	40	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{40}^{36}\ \Phi_{20}^{38}\ \Phi_{10}^{37}\ \Phi_{8}^{18}\ \Phi_{5}^{37}\ \Phi_{4}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
84512	1323	80	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{17}{80}$	$\Phi_{80}^{21}\ \Phi_{40}^{11}\ \Phi_{20}^{14}\ \Phi_{16}^{21}\ \Phi_{10}^{13}\ \Phi_{8}^{10}\ \Phi_{5}^{13}\ \Phi_{4}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
84513	1323	775	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{775}^{2}\ \Phi_{31}^{2}\ \Phi_{25}^{3}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
84514	1323	200	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{200}^{9}\ \Phi_{100}^{9}\ \Phi_{50}^{4}\ \Phi_{40}^{2}\ \Phi_{25}^{5}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
84515	1324	660	$\frac{1}{330}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{329}{660}$	$\Phi_{660}^{4}\ \Phi_{220}^{4}\ \Phi_{132}^{4}\ \Phi_{60}^{4}\ \Phi_{44}^{4}\ \Phi_{20}^{4}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
84516	1324	1326	$\frac{1}{221}$	$\frac{111}{442}$	$\frac{1}{3}$	$\frac{110}{221}$	$\Phi_{1326}^{2}\ \Phi_{663}\ \Phi_{102}^{2}\ \Phi_{78}^{2}\ \Phi_{51}\ \Phi_{39}\ \Phi_{6}^{2}$
84517	1324	567	$\frac{1}{189}$	$\frac{95}{567}$	$\frac{236}{567}$	$\frac{94}{189}$	$\Phi_{567}^{2}\ \Phi_{189}^{3}\ \Phi_{81}^{2}\ \Phi_{63}^{3}\ \Phi_{27}^{3}\ \Phi_{21}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
84518	1324	658	$\frac{2}{329}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{327}{658}$	$\Phi_{658}^{4}\ \Phi_{94}^{4}\ \Phi_{14}^{4}\ \Phi_{7}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
84519	1324	588	$\frac{1}{147}$	$\frac{37}{294}$	$\frac{257}{588}$	$\frac{73}{147}$	$\Phi_{588}^{4}\ \Phi_{196}^{4}\ \Phi_{147}\ \Phi_{84}^{4}\ \Phi_{49}\ \Phi_{28}^{4}\ \Phi_{21}\ \Phi_{12}^{4}\ \Phi_{7}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
84520	1324	441	$\frac{1}{147}$	$\frac{110}{441}$	$\frac{37}{147}$	$\frac{73}{147}$	$\Phi_{441}^{4}\ \Phi_{147}\ \Phi_{63}^{4}\ \Phi_{49}\ \Phi_{21}\ \Phi_{9}^{4}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
84521	1324	657	$\frac{5}{657}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{326}{657}$	$\Phi_{657}^{2}\ \Phi_{219}^{2}\ \Phi_{73}^{2}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
84522	1324	3280	$\frac{3}{328}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{325}{656}$	$\Phi_{3280}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
84523	1324	630	$\frac{1}{63}$	$\frac{16}{315}$	$\frac{299}{630}$	$\frac{31}{63}$	$\Phi_{630}^{4}\ \Phi_{210}^{4}\ \Phi_{126}^{4}\ \Phi_{90}^{4}\ \Phi_{70}^{4}\ \Phi_{63}\ \Phi_{42}^{4}\ \Phi_{30}^{4}\ \Phi_{21}\ \Phi_{18}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
84524	1324	945	$\frac{1}{63}$	$\frac{32}{315}$	$\frac{283}{945}$	$\frac{31}{63}$	$\Phi_{945}^{2}\ \Phi_{189}^{2}\ \Phi_{135}^{2}\ \Phi_{63}\ \Phi_{27}^{2}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
84525	1324	378	$\frac{1}{63}$	$\frac{47}{378}$	$\frac{16}{63}$	$\frac{31}{63}$	$\Phi_{378}^{4}\ \Phi_{189}^{4}\ \Phi_{126}^{4}\ \Phi_{63}\ \Phi_{54}^{4}\ \Phi_{42}^{4}\ \Phi_{27}^{4}\ \Phi_{21}\ \Phi_{18}^{4}\ \Phi_{14}^{4}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
84526	1324	651	$\frac{11}{651}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{320}{651}$	$\Phi_{651}^{2}\ \Phi_{217}^{2}\ \Phi_{93}^{2}\ \Phi_{31}^{2}\ \Phi_{21}^{3}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
84527	1324	1950	$\frac{6}{325}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{319}{650}$	$\Phi_{1950}^{2}\ \Phi_{390}^{2}\ \Phi_{150}^{2}\ \Phi_{78}^{2}\ \Phi_{39}\ \Phi_{30}^{2}\ \Phi_{6}^{2}$
84528	1324	357	$\frac{1}{51}$	$\frac{26}{357}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{357}^{4}\ \Phi_{119}^{4}\ \Phi_{51}^{2}\ \Phi_{21}^{4}\ \Phi_{17}^{2}\ \Phi_{7}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
84529	1324	637	$\frac{1}{49}$	$\frac{25}{637}$	$\frac{306}{637}$	$\frac{24}{49}$	$\Phi_{637}^{2}\ \Phi_{91}^{2}\ \Phi_{49}^{3}\ \Phi_{13}^{2}\ \Phi_{7}^{3}\ \Phi_{1}^{4}$
84530	1324	648	$\frac{7}{324}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{317}{648}$	$\Phi_{648}^{4}\ \Phi_{216}^{4}\ \Phi_{72}^{4}\ \Phi_{27}\ \Phi_{24}^{4}\ \Phi_{9}\ \Phi_{8}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
84531	1324	648	$\frac{7}{324}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{317}{648}$	$\Phi_{648}^{4}\ \Phi_{216}^{4}\ \Phi_{72}^{4}\ \Phi_{24}^{4}\ \Phi_{9}^{3}\ \Phi_{8}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
84532	1324	1295	$\frac{29}{1295}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{633}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
84533	1324	399	$\frac{3}{133}$	$\frac{1}{7}$	$\frac{68}{399}$	$\frac{65}{133}$	$\Phi_{399}^{4}\ \Phi_{133}^{2}\ \Phi_{57}^{4}\ \Phi_{21}^{4}\ \Phi_{19}^{2}\ \Phi_{7}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
84534	1324	1938	$\frac{8}{323}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{315}{646}$	$\Phi_{1938}^{2}\ \Phi_{114}^{2}\ \Phi_{102}^{2}\ \Phi_{51}\ \Phi_{6}^{2}$
84535	1324	351	$\frac{1}{39}$	$\frac{20}{351}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{351}^{4}\ \Phi_{117}^{4}\ \Phi_{39}^{2}\ \Phi_{27}^{4}\ \Phi_{13}^{2}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
84536	1324	1287	$\frac{37}{1287}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{625}{1287}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{39}^{2}\ \Phi_{33}\ \Phi_{13}^{2}\ \Phi_{11}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
84537	1324	486	$\frac{1}{27}$	$\frac{7}{162}$	$\frac{155}{486}$	$\frac{13}{27}$	$\Phi_{486}^{4}\ \Phi_{243}^{4}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
84538	1324	351	$\frac{1}{27}$	$\frac{20}{351}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{351}^{4}\ \Phi_{117}^{4}\ \Phi_{39}^{4}\ \Phi_{27}\ \Phi_{13}^{4}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
84539	1324	432	$\frac{1}{27}$	$\frac{7}{108}$	$\frac{101}{432}$	$\frac{13}{27}$	$\Phi_{432}^{4}\ \Phi_{216}^{4}\ \Phi_{144}^{4}\ \Phi_{72}^{4}\ \Phi_{48}^{4}\ \Phi_{27}\ \Phi_{24}^{4}\ \Phi_{16}^{4}\ \Phi_{9}\ \Phi_{8}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
84540	1324	405	$\frac{1}{27}$	$\frac{7}{81}$	$\frac{74}{405}$	$\frac{13}{27}$	$\Phi_{405}^{4}\ \Phi_{135}^{4}\ \Phi_{45}^{4}\ \Phi_{27}\ \Phi_{15}^{4}\ \Phi_{9}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
84541	1324	729	$\frac{1}{27}$	$\frac{67}{729}$	$\frac{14}{81}$	$\frac{13}{27}$	$\Phi_{729}^{2}\ \Phi_{243}^{2}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
84542	1324	378	$\frac{1}{27}$	$\frac{47}{378}$	$\frac{7}{54}$	$\frac{13}{27}$	$\Phi_{378}^{4}\ \Phi_{189}^{4}\ \Phi_{126}^{4}\ \Phi_{63}^{4}\ \Phi_{42}^{4}\ \Phi_{27}\ \Phi_{21}^{4}\ \Phi_{14}^{4}\ \Phi_{9}\ \Phi_{7}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
84543	1324	1275	$\frac{49}{1275}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{613}{1275}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{255}\ \Phi_{85}\ \Phi_{75}\ \Phi_{51}^{2}\ \Phi_{25}\ \Phi_{17}^{2}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
84544	1324	630	$\frac{1}{21}$	$\frac{16}{315}$	$\frac{5}{21}$	$\frac{299}{630}$	$\Phi_{630}^{4}\ \Phi_{210}^{4}\ \Phi_{126}^{4}\ \Phi_{90}^{4}\ \Phi_{70}^{4}\ \Phi_{42}^{4}\ \Phi_{30}^{4}\ \Phi_{21}^{3}\ \Phi_{18}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
84545	1324	630	$\frac{16}{315}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{299}{630}$	$\Phi_{630}^{4}\ \Phi_{210}^{4}\ \Phi_{126}^{4}\ \Phi_{90}^{4}\ \Phi_{70}^{4}\ \Phi_{42}^{4}\ \Phi_{35}^{2}\ \Phi_{30}^{4}\ \Phi_{18}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
84546	1324	1020	$\frac{9}{340}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{255}^{2}\ \Phi_{204}^{2}\ \Phi_{102}^{2}\ \Phi_{60}^{2}\ \Phi_{51}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
84547	1324	624	$\frac{1}{39}$	$\frac{19}{312}$	$\frac{1}{3}$	$\frac{293}{624}$	$\Phi_{624}^{4}\ \Phi_{208}^{4}\ \Phi_{48}^{4}\ \Phi_{39}^{2}\ \Phi_{16}^{4}\ \Phi_{13}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
84548	1324	1014	$\frac{7}{338}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1014}^{2}\ \Phi_{507}^{2}\ \Phi_{78}^{2}\ \Phi_{39}\ \Phi_{6}^{2}$
84549	1324	612	$\frac{1}{51}$	$\frac{25}{306}$	$\frac{1}{3}$	$\frac{281}{612}$	$\Phi_{612}^{4}\ \Phi_{204}^{4}\ \Phi_{68}^{4}\ \Phi_{51}^{2}\ \Phi_{36}^{4}\ \Phi_{17}^{2}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
84550	1324	350	$\frac{19}{350}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{350}^{4}\ \Phi_{175}^{4}\ \Phi_{70}^{4}\ \Phi_{50}^{4}\ \Phi_{35}^{2}\ \Phi_{25}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
84551	1324	1215	$\frac{1}{27}$	$\frac{109}{1215}$	$\frac{26}{135}$	$\frac{553}{1215}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}^2\ \Phi_{81}\ \Phi_{45}^2\ \Phi_{27}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
84552	1324	405	$\frac{1}{27}$	$\frac{13}{135}$	$\frac{74}{405}$	$\frac{61}{135}$	$\Phi_{405}^4\ \Phi_{135}^2\ \Phi_{81}^4\ \Phi_{45}^2\ \Phi_{27}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
84553	1324	1197	$\frac{6}{133}$	$\frac{127}{1197}$	$\frac{1}{7}$	$\frac{535}{1197}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{171}\ \Phi_{133}^2\ \Phi_{63}\ \Phi_{57}\ \Phi_{21}\ \Phi_{19}^2\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
84554	1324	588	$\frac{1}{49}$	$\frac{37}{294}$	$\frac{12}{49}$	$\frac{257}{588}$	$\Phi_{588}^4\ \Phi_{196}^4\ \Phi_{84}^4\ \Phi_{49}^3\ \Phi_{28}^4\ \Phi_{12}^4\ \Phi_7^3\ \Phi_4^4\ \Phi_1^4$
84555	1324	588	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{37}{294}$	$\frac{257}{588}$	$\Phi_{588}^4\ \Phi_{196}^4\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_7^3\ \Phi_6^4\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
84556	1324	987	$\frac{4}{329}$	$\frac{1}{7}$	$\frac{325}{987}$	$\frac{3}{7}$	$\Phi_{987}^2\ \Phi_{141}^2\ \Phi_{21}^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
84557	1324	336	$\frac{5}{336}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{48}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_{16}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_7\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^2$
84558	1324	342	$\frac{11}{342}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{342}^4\ \Phi_{171}^4\ \Phi_{114}^4\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
84559	1324	540	$\frac{1}{27}$	$\frac{13}{135}$	$\frac{61}{270}$	$\frac{209}{540}$	$\Phi_{540}^4\ \Phi_{180}^4\ \Phi_{135}^2\ \Phi_{108}^4\ \Phi_{60}^4\ \Phi_{45}^2\ \Phi_{36}^4\ \Phi_{27}\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_9\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
84560	1324	532	$\frac{3}{133}$	$\frac{1}{7}$	$\frac{65}{266}$	$\frac{201}{532}$	$\Phi_{532}^4\ \Phi_{133}^2\ \Phi_{76}^4\ \Phi_{28}^4\ \Phi_{19}^2\ \Phi_7\ \Phi_4^4\ \Phi_1^2$
84561	1324	392	$\frac{1}{49}$	$\frac{61}{392}$	$\frac{12}{49}$	$\frac{37}{98}$	$\Phi_{392}^4\ \Phi_{196}^4\ \Phi_{56}^4\ \Phi_{49}^3\ \Phi_{28}^4\ \Phi_8^4\ \Phi_7^3\ \Phi_4^4\ \Phi_1^4$
84562	1324	1680	$\frac{5}{336}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
84563	1324	1029	$\frac{1}{49}$	$\frac{48}{343}$	$\frac{295}{1029}$	$\frac{367}{1029}$	$\Phi_{1029}\ \Phi_{343}^2\ \Phi_{147}\ \Phi_{49}\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
84564	1324	504	$\frac{1}{21}$	$\frac{5}{84}$	$\frac{79}{252}$	$\frac{173}{504}$	$\Phi_{504}^4\ \Phi_{168}^4\ \Phi_{84}^4\ \Phi_{72}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_7^3\ \Phi_6^4\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
84565	1324	999	$\frac{8}{333}$	$\frac{1}{9}$	$\frac{325}{999}$	$\frac{337}{999}$	$\Phi_{999}\ \Phi_{333}^2\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
84566	1324	2490	$\frac{1}{83}$	$\frac{1}{5}$	$\frac{82}{249}$	$\frac{167}{498}$	$\Phi_{2490}\ \Phi_{830}\ \Phi_{415}\ \Phi_{30}\ \Phi_{10}$
84567	1324	333	$\frac{2}{333}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{333}^4\ \Phi_{111}^4\ \Phi_{37}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
84568	1324	495	$\frac{1}{165}$	$\frac{164}{495}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{495}^4\ \Phi_{99}^4\ \Phi_{45}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
84569	1324	1320	$\frac{1}{110}$	$\frac{109}{440}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}^2\ \Phi_{264}\ \Phi_{220}^2\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}^2\ \Phi_{60}\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
84570	1324	1005	$\frac{4}{335}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1005}\ \Phi_{335}^2\ \Phi_{201}\ \Phi_{67}^2\ \Phi_3\ \Phi_1^2$
84571	1324	825	$\frac{2}{165}$	$\frac{163}{825}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_3\ \Phi_1^2$
84572	1324	336	$\frac{5}{336}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{48}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_{16}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
84573	1324	396	$\frac{1}{66}$	$\frac{65}{396}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^4\ \Phi_{99}^4\ \Phi_{44}^4\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
84574	1324	1155	$\frac{1}{55}$	$\frac{54}{385}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}^2\ \Phi_{231}\ \Phi_{105}\ \Phi_{77}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
84575	1324	675	$\frac{13}{675}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}^2\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{25}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
84576	1324	1020	$\frac{9}{340}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}^2\ \Phi_{102}\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{60}\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{20}^2\ \Phi_{17}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
84577	1324	1023	$\frac{10}{341}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1023}\ \Phi_{341}^2\ \Phi_{93}\ \Phi_{31}^2\ \Phi_3\ \Phi_1^2$
84578	1324	363	$\frac{1}{33}$	$\frac{32}{363}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{363}^4\ \Phi_{121}^4\ \Phi_3\ \Phi_1^2$
84579	1324	360	$\frac{1}{30}$	$\frac{29}{360}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
84580	1324	345	$\frac{14}{345}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{345}^4\ \Phi_{115}^4\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_3\ \Phi_1^2$
84581	1324	693	$\frac{31}{693}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}^2\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
84582	1324	1056	$\frac{1}{22}$	$\frac{21}{352}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}^2\ \Phi_{264}\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}^2\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
84583	1324	765	$\frac{1}{51}$	$\frac{103}{765}$	$\frac{50}{153}$	$\frac{1}{3}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{45}^2\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
84584	1324	975	$\frac{12}{325}$	$\frac{1}{13}$	$\frac{313}{975}$	$\frac{1}{3}$	$\Phi_{975}\ \Phi_{325}^2\ \Phi_{195}\ \Phi_{75}\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
84585	1324	969	$\frac{16}{323}$	$\frac{1}{17}$	$\frac{307}{969}$	$\frac{1}{3}$	$\Phi_{969}\ \Phi_{323}^2\ \Phi_{57}\ \Phi_{51}^2\ \Phi_{19}^2\ \Phi_{17}^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
84586	1324	351	$\frac{2}{39}$	$\frac{20}{351}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{351}^4\ \Phi_{117}^3\ \Phi_{39}^4\ \Phi_{27}^4\ \Phi_{13}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
84587	1324	468	$\frac{1}{39}$	$\frac{19}{156}$	$\frac{137}{468}$	$\frac{1}{3}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{117}^4\ \Phi_{39}^2\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{13}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
84588	1324	459	$\frac{1}{51}$	$\frac{25}{153}$	$\frac{128}{459}$	$\frac{1}{3}$	$\Phi_{459}^4\ \Phi_{51}^2\ \Phi_{27}^4\ \Phi_{17}^2\ \Phi_3\ \Phi_1^2$
84589	1324	408	$\frac{1}{51}$	$\frac{77}{408}$	$\frac{25}{102}$	$\frac{1}{3}$	$\Phi_{408}^4\ \Phi_{204}^4\ \Phi_{136}^4\ \Phi_{68}^4\ \Phi_{51}^2\ \Phi_{24}^4\ \Phi_{17}^2\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
84590	1324	390	$\frac{1}{39}$	$\frac{59}{390}$	$\frac{19}{78}$	$\frac{1}{3}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^4\ \Phi_{65}^4\ \Phi_{39}^2\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{13}^2\ \Phi_{10}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
84591	1324	429	$\frac{2}{39}$	$\frac{37}{429}$	$\frac{98}{429}$	$\frac{1}{3}$	$\Phi_{429}^3\ \Phi_{143}^3\ \Phi_{39}^4\ \Phi_{33}^3\ \Phi_{13}^4\ \Phi_{11}^3\ \Phi_3^3\ \Phi_1^4$
84592	1324	765	$\frac{2}{51}$	$\frac{103}{765}$	$\frac{49}{255}$	$\frac{1}{3}$	$\Phi_{765}^2\ \Phi_{255}\ \Phi_{153}^2\ \Phi_{85}\ \Phi_{51}^2\ \Phi_{45}^2\ \Phi_{17}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
84593	1324	2145	$\frac{53}{715}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{165}\ \Phi_{39}\ \Phi_{33}$
84594	1324	390	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{59}{390}$	$\frac{1}{3}$	$\Phi_{390}^4\ \Phi_{195}^2\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{65}^4\ \Phi_{39}^3\ \Phi_{30}^4\ \Phi_{26}^4\ \Phi_{15}^2\ \Phi_{13}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
84595	1324	2460	$\frac{3}{164}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{161}{492}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{615}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
84596	1324	486	$\frac{7}{162}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{155}{486}$	$\Phi_{486}^4\ \Phi_{243}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
84597	1324	399	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{68}{399}$	$\frac{127}{399}$	$\Phi_{399}^3\ \Phi_{133}^4\ \Phi_{57}^3\ \Phi_{21}^3\ \Phi_{19}^4\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
84598	1324	735	$\frac{3}{35}$	$\frac{73}{735}$	$\frac{1}{7}$	$\frac{32}{105}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}^2\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
84599	1324	945	$\frac{3}{35}$	$\frac{32}{315}$	$\frac{1}{7}$	$\frac{283}{945}$	$\Phi_{945}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
84600	1324	405	$\frac{1}{27}$	$\frac{74}{405}$	$\frac{26}{135}$	$\frac{109}{405}$	$\Phi_{405}^3\ \Phi_{135}^4\ \Phi_{81}^3\ \Phi_{45}^4\ \Phi_{27}^3\ \Phi_{15}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
84601	1324	343	$\frac{12}{343}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{343}^4\ \Phi_{49}^3\ \Phi_7^3\ \Phi_1^4$
84602	1324	351	$\frac{20}{351}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{351}^4\ \Phi_{117}^4\ \Phi_{39}^4\ \Phi_{13}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
84603	1324	378	$\frac{1}{21}$	$\frac{47}{378}$	$\frac{5}{21}$	$\frac{16}{63}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{126}^4\ \Phi_{54}^4\ \Phi_{42}^4\ \Phi_{27}^4\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_7^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
84604	1324	441	$\frac{1}{49}$	$\frac{12}{49}$	$\frac{110}{441}$	$\frac{37}{147}$	$\Phi_{441}^4\ \Phi_{63}^4\ \Phi_{49}^3\ \Phi_9^4\ \Phi_7^3\ \Phi_1^4$
84605	1324	420	$\frac{1}{21}$	$\frac{16}{105}$	$\frac{89}{420}$	$\frac{5}{21}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_7^3\ \Phi_6^4\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
84606	1324	432	$\frac{7}{108}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{101}{432}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
84607	1324	360	$\frac{29}{360}$	$\frac{1}{9}$	$\frac{7}{36}$	$\frac{2}{9}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
84608	1324	405	$\frac{7}{81}$	$\frac{1}{9}$	$\frac{74}{405}$	$\frac{2}{9}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{45}^4\ \Phi_{15}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
84609	1324	378	$\frac{1}{9}$	$\frac{47}{378}$	$\frac{7}{54}$	$\frac{2}{9}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{126}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_9^3\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
84610	1324	420	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{105}$	$\frac{89}{420}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_7\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
84611	1325	528	$\frac{1}{264}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{263}{528}$	$\Phi_{528}^5\ \Phi_{176}^5\ \Phi_{48}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
84612	1325	2624	$\frac{13}{1312}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1299}{2624}$	$\Phi_{2624}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
84613	1325	624	$\frac{1}{52}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{51}{104}$	$\Phi_{624}^4\ \Phi_{208}^4\ \Phi_{104}\ \Phi_{48}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
84614	1325	2808	$\frac{1}{52}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{216}\ \Phi_{104}\ \Phi_{72}\ \Phi_{27}\ \Phi_9\ \Phi_8\ \Phi_1$
84615	1325	936	$\frac{1}{52}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{51}{104}$	$\Phi_{936}^4\ \Phi_{104}\ \Phi_{72}^4\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
84616	1325	728	$\frac{1}{52}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{51}{104}$	$\Phi_{728}^4\ \Phi_{104}\ \Phi_{56}^4\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
84617	1325	416	$\frac{1}{52}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{51}{104}$	$\Phi_{416}^4\ \Phi_{208}^4\ \Phi_{104}\ \Phi_{32}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
84618	1325	312	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{51}{104}$	$\Phi_{312}^8\ \Phi_{104}^9\ \Phi_{24}^8\ \Phi_8^9\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
84619	1325	1554	$\frac{6}{259}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{253}{518}$	$\Phi_{1554}\ \Phi_{777}\ \Phi_{259}\ \Phi_{222}\ \Phi_{111}\ \Phi_{42}^2\ \Phi_{37}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
84620	1325	912	$\frac{1}{38}$	$\frac{39}{304}$	$\frac{1}{6}$	$\frac{37}{76}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}\ \Phi_{152}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{48}^2\ \Phi_{38}\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{16}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
84621	1325	1326	$\frac{1}{26}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{442}\ \Phi_{221}\ \Phi_{78}^2\ \Phi_{51}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{17}\ \Phi_{13}\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
84622	1325	624	$\frac{1}{26}$	$\frac{1}{24}$	$\frac{25}{78}$	$\frac{23}{48}$	$\Phi_{624}^4\ \Phi_{208}^4\ \Phi_{78}\ \Phi_{48}^5\ \Phi_{39}\ \Phi_{16}^5\ \Phi_6\ \Phi_3\ \Phi_1$
84623	1325	336	$\frac{1}{24}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{336}^8\ \Phi_{112}^8\ \Phi_{56}\ \Phi_{48}^5\ \Phi_{28}\ \Phi_{16}^5\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
84624	1325	3120	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{23}{48}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{240}\ \Phi_{80}\ \Phi_{65}\ \Phi_{48}\ \Phi_{16}\ \Phi_5\ \Phi_1$
84625	1325	504	$\frac{13}{252}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{239}{504}$	$\Phi_{504}^5\ \Phi_{168}^5\ \Phi_{72}^5\ \Phi_{56}^5\ \Phi_{42}^2\ \Phi_{24}^5\ \Phi_{21}^2\ \Phi_{14}\ \Phi_8^5\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
84626	1325	936	$\frac{1}{26}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{936}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{24}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
84627	1325	168	$\frac{3}{56}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{168}^{10}\ \Phi_{84}^8\ \Phi_{56}^5\ \Phi_{42}^{10}\ \Phi_{28}^4\ \Phi_{24}^{10}\ \Phi_{21}^{10}\ \Phi_{14}^5\ \Phi_{12}^8\ \Phi_8^5\ \Phi_7^5\ \Phi_6^9\ \Phi_4^4\ \Phi_3^9\ \Phi_2^4\ \Phi_1^5$
84628	1325	1482	$\frac{1}{19}$	$\frac{18}{247}$	$\frac{1}{6}$	$\frac{229}{494}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{247}\ \Phi_{114}^2\ \Phi_{78}\ \Phi_{57}^2\ \Phi_{39}\ \Phi_{38}\ \Phi_{19}\ \Phi_{13}\ \Phi_6\ \Phi_3\ \Phi_1$
84629	1325	1248	$\frac{1}{26}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{1248}^2\ \Phi_{416}^2\ \Phi_{96}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_6\ \Phi_3\ \Phi_1$
84630	1325	456	$\frac{1}{38}$	$\frac{37}{228}$	$\frac{1}{6}$	$\frac{191}{456}$	$\Phi_{456}^5\ \Phi_{152}^5\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{24}^5\ \Phi_{19}\ \Phi_8^5\ \Phi_6\ \Phi_3\ \Phi_1$
84631	1325	780	$\frac{1}{26}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}\ \Phi_{39}^2\ \Phi_{30}\ \Phi_{26}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
84632	1325	1170	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{234}^2\ \Phi_{195}\ \Phi_{130}\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{18}\ \Phi_{15}\ \Phi_{13}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
84633	1325	1344	$\frac{19}{1344}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
84634	1325	2136	$\frac{2}{267}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2136}\ \Phi_{712}\ \Phi_{267}\ \Phi_{89}\ \Phi_8\ \Phi_1$
84635	1325	792	$\frac{1}{132}$	$\frac{1}{4}$	$\frac{131}{396}$	$\frac{3}{8}$	$\Phi_{792}^4\ \Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{72}^4\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
84636	1325	536	$\frac{3}{268}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{536}^4\ \Phi_{268}\ \Phi_{134}\ \Phi_{67}\ \Phi_8\ \Phi_1$
84637	1325	352	$\frac{1}{88}$	$\frac{87}{352}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{352}^5\ \Phi_{176}^5\ \Phi_{32}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
84638	1325	1344	$\frac{19}{1344}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
84639	1325	264	$\frac{1}{66}$	$\frac{13}{66}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^8\ \Phi_{88}^8\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_{24}^8\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_8^9\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
84640	1325	216	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^{10}\ \Phi_{72}^{10}\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_{24}^8\ \Phi_{18}^5\ \Phi_9^5\ \Phi_8^9\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
84641	1325	1584	$\frac{5}{264}$	$\frac{259}{1584}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
84642	1325	616	$\frac{1}{44}$	$\frac{43}{308}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}^4\ \Phi_{308}\ \Phi_{154}\ \Phi_{77}\ \Phi_{56}^4\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
84643	1325	272	$\frac{7}{272}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{272}^5\ \Phi_{136}^5\ \Phi_{68}^5\ \Phi_{34}^5\ \Phi_{17}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
84644	1325	2376	$\frac{1}{33}$	$\frac{32}{297}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{297}\ \Phi_{216}\ \Phi_{99}\ \Phi_{72}\ \Phi_{27}\ \Phi_9\ \Phi_8\ \Phi_1$
84645	1325	440	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^5\ \Phi_{88}^4\ \Phi_{55}^5\ \Phi_{40}^5\ \Phi_{11}^4\ \Phi_8^5\ \Phi_5^5\ \Phi_1^5$
84646	1325	552	$\frac{11}{276}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{552}^4\ \Phi_{276}\ \Phi_{184}^4\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_8\ \Phi_1$
84647	1325	288	$\frac{1}{24}$	$\frac{23}{288}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{32}^5\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_9^5\ \Phi_8\ \Phi_1$
84648	1325	1144	$\frac{1}{22}$	$\frac{21}{286}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1144}^2\ \Phi_{286}\ \Phi_{143}\ \Phi_{104}^2\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
84649	1325	1408	$\frac{5}{88}$	$\frac{83}{1408}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
84650	1325	1992	$\frac{3}{332}$	$\frac{1}{4}$	$\frac{329}{996}$	$\frac{667}{1992}$	$\Phi_{1992}\ \Phi_{664}\ \Phi_{332}\ \Phi_{166}\ \Phi_{83}\ \Phi_{24}\ \Phi_8\ \Phi_1$
84651	1325	702	$\frac{1}{26}$	$\frac{2}{27}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}\ \Phi_{54}^2\ \Phi_{39}\ \Phi_{27}^3\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
84652	1325	1512	$\frac{3}{56}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{28}\ \Phi_{27}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
84653	1325	1755	$\frac{2}{27}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{135}\ \Phi_{65}\ \Phi_{45}\ \Phi_{27}\ \Phi_9\ \Phi_5\ \Phi_1$
84654	1325	1968	$\frac{13}{656}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{643}{1968}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
84655	1325	342	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{77}{342}$	$\frac{37}{114}$	$\Phi_{342}^5\ \Phi_{171}^5\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{19}\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
84656	1325	468	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{78}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{117}^4\ \Phi_{78}\ \Phi_{39}\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6\ \Phi_3\ \Phi_1$
84657	1325	1092	$\frac{1}{26}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{78}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{273}^2\ \Phi_{84}^2\ \Phi_{78}\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
84658	1325	1248	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{78}$	$\Phi_{1248}^2\ \Phi_{624}^2\ \Phi_{96}^2\ \Phi_{78}\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{32}\ \Phi_{16}\ \Phi_6\ \Phi_3\ \Phi_1$
84659	1325	78	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{25}{78}$	$\Phi_{78}^{17}\ \Phi_{39}^{17}\ \Phi_{26}^{16}\ \Phi_{13}^{16}\ \Phi_6^{21}\ \Phi_3^{21}\ \Phi_2^{20}\ \Phi_1^{21}$
84660	1325	294	$\frac{1}{14}$	$\frac{29}{294}$	$\frac{1}{6}$	$\frac{13}{42}$	$\Phi_{294}^5\ \Phi_{147}^5\ \Phi_{98}^5\ \Phi_{49}^5\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
84661	1325	504	$\frac{3}{56}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{126}^4\ \Phi_{72}^4\ \Phi_{63}^4\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
84662	1325	2340	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{12}{65}$	$\frac{11}{36}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{180}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_5\ \Phi_1$
84663	1325	378	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{113}{378}$	$\Phi_{378}^5\ \Phi_{189}^5\ \Phi_{54}^5\ \Phi_{42}^2\ \Phi_{27}^5\ \Phi_{21}^2\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
84664	1325	168	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{168}^{10}\ \Phi_{84}^{10}\ \Phi_{56}^5\ \Phi_{42}^8\ \Phi_{28}^5\ \Phi_{24}^{10}\ \Phi_{21}^8\ \Phi_{14}^3\ \Phi_{12}^{10}\ \Phi_8^5\ \Phi_7^5\ \Phi_6^7\ \Phi_4^5\ \Phi_3^7\ \Phi_2^2\ \Phi_1^5$
84665	1325	936	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{72}\ \Phi_{39}^2\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
84666	1325	56	$\frac{3}{56}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{56}^{25}\ \Phi_{28}^{22}\ \Phi_{14}^{22}\ \Phi_8^{25}\ \Phi_7^{22}\ \Phi_4^{24}\ \Phi_2^{24}\ \Phi_1^{25}$
84667	1325	224	$\frac{3}{56}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{224}^8\ \Phi_{112}^8\ \Phi_{56}\ \Phi_{32}^5\ \Phi_{28}\ \Phi_{16}^5\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
84668	1325	1820	$\frac{1}{13}$	$\frac{3}{28}$	$\frac{12}{65}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{140}\ \Phi_{70}\ \Phi_{65}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_5\ \Phi_1$
84669	1325	168	$\frac{3}{56}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{168}^8\ \Phi_{84}^8\ \Phi_{56}^9\ \Phi_{42}^8\ \Phi_{28}^9\ \Phi_{24}^8\ \Phi_{21}^8\ \Phi_{14}^9\ \Phi_8^9\ \Phi_7^9\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
84670	1325	2080	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{12}{65}$	$\frac{7}{32}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{160}\ \Phi_{80}\ \Phi_{65}\ \Phi_{32}\ \Phi_{16}\ \Phi_5\ \Phi_1$
84671	1325	336	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1}{6}$	$\frac{71}{336}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^5\ \Phi_{56}^5\ \Phi_{48}^5\ \Phi_{42}^2\ \Phi_{24}^5\ \Phi_{21}^2\ \Phi_{16}^5\ \Phi_{14}\ \Phi_8^5\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
84672	1325	390	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{12}{65}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^4\ \Phi_{65}^5\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
84673	1326	1060	$\frac{1}{265}$	$\frac{133}{530}$	$\frac{397}{1060}$	$\frac{132}{265}$	$\Phi_{1060}^2\ \Phi_{265}\ \Phi_{212}^2\ \Phi_{53}\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
84674	1326	440	$\frac{1}{220}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{219}{440}$	$\Phi_{440}^6\ \Phi_{88}^6\ \Phi_{40}^6\ \Phi_8^6\ \Phi_5\ \Phi_1^2$
84675	1326	1320	$\frac{1}{220}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{219}{440}$	$\Phi_{1320}^3\ \Phi_{264}^3\ \Phi_{120}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
84676	1326	3066	$\frac{2}{219}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{217}{438}$	$\Phi_{3066}\ \Phi_{1022}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
84677	1326	2424	$\frac{1}{101}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{50}{101}$	$\Phi_{2424}\ \Phi_{808}\ \Phi_{101}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
84678	1326	1515	$\frac{1}{101}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{50}{101}$	$\Phi_{1515}\ \Phi_{505}\ \Phi_{101}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
84679	1326	1818	$\frac{1}{101}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{50}{101}$	$\Phi_{1818}\ \Phi_{909}\ \Phi_{101}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
84680	1326	1616	$\frac{1}{101}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{50}{101}$	$\Phi_{1616}\ \Phi_{808}\ \Phi_{101}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
84681	1326	3936	$\frac{7}{656}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{649}{1312}$	$\Phi_{3936}\ \Phi_{96}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
84682	1326	2464	$\frac{1}{77}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{38}{77}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{224}\ \Phi_{77}\ \Phi_{32}^2\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
84683	1326	1848	$\frac{1}{77}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{38}{77}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
84684	1326	1540	$\frac{1}{77}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{38}{77}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{220}\ \Phi_{140}\ \Phi_{110}\ \Phi_{77}\ \Phi_{70}\ \Phi_{55}\ \Phi_{35}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
84685	1326	2072	$\frac{1}{74}$	$\frac{1}{7}$	$\frac{75}{296}$	$\frac{73}{148}$	$\Phi_{2072}\ \Phi_{518}\ \Phi_{259}\ \Phi_{56}\ \Phi_{14}$
84686	1326	424	$\frac{1}{53}$	$\frac{9}{212}$	$\frac{203}{424}$	$\frac{26}{53}$	$\Phi_{424}^6\ \Phi_{53}\ \Phi_8^6\ \Phi_1^2$
84687	1326	318	$\frac{1}{53}$	$\frac{9}{106}$	$\frac{97}{318}$	$\frac{26}{53}$	$\Phi_{318}^6\ \Phi_{159}^6\ \Phi_{53}\ \Phi_6^6\ \Phi_3^6\ \Phi_1^2$
84688	1326	742	$\frac{1}{53}$	$\frac{79}{742}$	$\frac{27}{106}$	$\frac{26}{53}$	$\Phi_{742}^2\ \Phi_{371}^2\ \Phi_{53}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
84689	1326	848	$\frac{1}{53}$	$\frac{27}{212}$	$\frac{185}{848}$	$\frac{26}{53}$	$\Phi_{848}^2\ \Phi_{424}^2\ \Phi_{53}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
84690	1326	265	$\frac{1}{53}$	$\frac{44}{265}$	$\frac{9}{53}$	$\frac{26}{53}$	$\Phi_{265}^6\ \Phi_{53}\ \Phi_5^6\ \Phi_1^2$
84691	1326	100	$\frac{1}{50}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{49}{100}$	$\Phi_{100}^{26}\ \Phi_{25}\ \Phi_{20}^{26}\ \Phi_5\ \Phi_4^{26}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
84692	1326	2100	$\frac{1}{50}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{2100}^2\ \Phi_{420}^2\ \Phi_{300}\ \Phi_{84}^2\ \Phi_{60}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
84693	1326	300	$\frac{1}{50}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{49}{100}$	$\Phi_{300}^{10}\ \Phi_{100}^6\ \Phi_{60}^{10}\ \Phi_{20}^6\ \Phi_{15}^2\ \Phi_{12}^{10}\ \Phi_5\ \Phi_4^6\ \Phi_3^2\ \Phi_1^2$
84694	1326	760	$\frac{2}{95}$	$\frac{97}{760}$	$\frac{1}{5}$	$\frac{93}{190}$	$\Phi_{760}^2\ \Phi_{380}^2\ \Phi_{152}^2\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{19}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
84695	1326	3024	$\frac{5}{216}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{211}{432}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{336}\ \Phi_{112}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
84696	1326	1295	$\frac{31}{1295}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{632}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
84697	1326	2508	$\frac{1}{38}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{37}{76}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{228}\ \Phi_{132}\ \Phi_{76}^2\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
84698	1326	684	$\frac{1}{38}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{684}^4\ \Phi_{228}^3\ \Phi_{76}^4\ \Phi_{36}^4\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
84699	1326	836	$\frac{1}{38}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{37}{76}$	$\Phi_{836}^3\ \Phi_{76}^4\ \Phi_{44}^3\ \Phi_{22}^2\ \Phi_{11}\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
84700	1326	627	$\frac{1}{33}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{16}{33}$	$\Phi_{627}^2\ \Phi_{209}^2\ \Phi_{57}^2\ \Phi_{33}^3\ \Phi_{19}^4\ \Phi_{11}^3\ \Phi_3^3\ \Phi_1^6$
84701	1326	924	$\frac{1}{33}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{924}^2\ \Phi_{462}\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{77}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{11}\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
84702	1326	25	$\frac{1}{25}$	$\frac{1}{25}$	$\frac{8}{25}$	$\frac{12}{25}$	$\Phi_{25}^{53}\ \Phi_5^{53}\ \Phi_1^{54}$
84703	1326	700	$\frac{1}{25}$	$\frac{37}{700}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
84704	1326	900	$\frac{1}{25}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{900}^2\ \Phi_{450}\ \Phi_{300}^2\ \Phi_{225}\ \Phi_{180}^2\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^4\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
84705	1326	275	$\frac{1}{25}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{275}^5\ \Phi_{55}^6\ \Phi_{25}\ \Phi_{11}^6\ \Phi_5\ \Phi_1^2$
84706	1326	100	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{12}{25}$	$\Phi_{100}^{15}\ \Phi_{50}^{10}\ \Phi_{25}^{11}\ \Phi_{20}^{18}\ \Phi_{10}^{12}\ \Phi_5^{13}\ \Phi_4^{18}\ \Phi_2^{12}\ \Phi_1^{14}$
84707	1326	424	$\frac{2}{53}$	$\frac{9}{212}$	$\frac{17}{53}$	$\frac{203}{424}$	$\Phi_{424}^6\ \Phi_{53}\ \Phi_8^6\ \Phi_1^2$
84708	1326	424	$\frac{9}{212}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{203}{424}$	$\Phi_{424}^6\ \Phi_{53}\ \Phi_8^6\ \Phi_1^2$
84709	1326	1442	$\frac{5}{103}$	$\frac{1}{14}$	$\frac{18}{103}$	$\frac{49}{103}$	$\Phi_{1442}\ \Phi_{721}\ \Phi_{206}$
84710	1326	1325	$\frac{41}{1325}$	$\frac{69}{1325}$	$\frac{428}{1325}$	$\frac{628}{1325}$	$\Phi_{1325}\ \Phi_{265}\ \Phi_{53}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
84711	1326	420	$\frac{11}{210}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{199}{420}$	$\Phi_{420}^6\ \Phi_{140}^6\ \Phi_{84}^6\ \Phi_{60}^6\ \Phi_{35}^2\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_{12}^6\ \Phi_7^2\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
84712	1326	300	$\frac{1}{25}$	$\frac{4}{75}$	$\frac{79}{300}$	$\frac{71}{150}$	$\Phi_{300}^6\ \Phi_{100}^6\ \Phi_{75}^6\ \Phi_{60}^6\ \Phi_{25}^5\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_5^5\ \Phi_4^6\ \Phi_3^6\ \Phi_1^6$
84713	1326	1325	$\frac{73}{1325}$	$\frac{84}{1325}$	$\frac{233}{1325}$	$\frac{626}{1325}$	$\Phi_{1325}\ \Phi_{265}\ \Phi_{53}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
84714	1326	1772	$\frac{18}{443}$	$\frac{25}{443}$	$\frac{1}{4}$	$\frac{209}{443}$	$\Phi_{1772}\ \Phi_{886}$
84715	1326	53	$\frac{2}{53}$	$\frac{3}{53}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{53}^{25}\ \Phi_1^{26}$
84716	1326	700	$\frac{37}{700}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
84717	1326	480	$\frac{1}{40}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{480}^8\ \Phi_{120}\ \Phi_{96}^7\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
84718	1326	2464	$\frac{2}{77}$	$\frac{1}{16}$	$\frac{25}{77}$	$\frac{15}{32}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{224}\ \Phi_{77}\ \Phi_{32}^2\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
84719	1326	864	$\frac{1}{27}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{864}^3\ \Phi_{288}^3\ \Phi_{108}\ \Phi_{96}^3\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
84720	1326	2464	$\frac{1}{16}$	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{15}{32}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{224}\ \Phi_{77}\ \Phi_{32}^2\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
84721	1326	224	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{224}^{11}\ \Phi_{32}^{12}\ \Phi_{14}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
84722	1326	352	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{15}{32}$	$\Phi_{352}^7\ \Phi_{44}^2\ \Phi_{32}^8\ \Phi_{22}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
84723	1326	1422	$\frac{1}{18}$	$\frac{5}{79}$	$\frac{14}{79}$	$\frac{37}{79}$	$\Phi_{1422}\ \Phi_{711}\ \Phi_{474}\ \Phi_{237}\ \Phi_{158}$
84724	1326	1325	$\frac{64}{1325}$	$\frac{97}{1325}$	$\frac{237}{1325}$	$\frac{614}{1325}$	$\Phi_{1325}\ \Phi_{265}\ \Phi_{53}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
84725	1326	95	$\frac{4}{95}$	$\frac{7}{95}$	$\frac{1}{5}$	$\frac{44}{95}$	$\Phi_{95}^{14}\ \Phi_{19}^{14}\ \Phi_5^{13}\ \Phi_1^{14}$
84726	1326	1772	$\frac{14}{443}$	$\frac{33}{443}$	$\frac{1}{4}$	$\frac{205}{443}$	$\Phi_{1772}\ \Phi_{886}$
84727	1326	312	$\frac{1}{52}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{312}^8\ \Phi_{156}\ \Phi_{104}^8\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}^6\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
84728	1326	2424	$\frac{2}{101}$	$\frac{1}{12}$	$\frac{33}{101}$	$\frac{11}{24}$	$\Phi_{2424}\ \Phi_{808}\ \Phi_{101}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
84729	1326	840	$\frac{1}{35}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{168}^3\ \Phi_{140}\ \Phi_{120}^3\ \Phi_{70}\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
84730	1326	2424	$\frac{5}{101}$	$\frac{1}{12}$	$\frac{16}{101}$	$\frac{11}{24}$	$\Phi_{2424}\ \Phi_{808}\ \Phi_{101}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
84731	1326	504	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{504}^6\ \Phi_{168}^5\ \Phi_{126}\ \Phi_{63}\ \Phi_{56}^5\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
84732	1326	400	$\frac{1}{25}$	$\frac{21}{200}$	$\frac{4}{25}$	$\frac{179}{400}$	$\Phi_{400}^6\ \Phi_{80}^6\ \Phi_{25}^5\ \Phi_{16}^6\ \Phi_5^5\ \Phi_1^6$
84733	1326	468	$\frac{1}{52}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{156}^3\ \Phi_{117}^3\ \Phi_{78}^3\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{36}^3\ \Phi_{26}^2\ \Phi_{18}\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
84734	1326	70	$\frac{1}{35}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{70}^{34}\ \Phi_{35}^4\ \Phi_{14}^{34}\ \Phi_{10}^{34}\ \Phi_7^4\ \Phi_5^3\ \Phi_2^{34}\ \Phi_1^4$
84735	1326	672	$\frac{3}{224}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{168}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{48}^2\ \Phi_{42}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
84736	1326	560	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{560}^2\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_7^2\ \Phi_5^2$
84737	1326	2370	$\frac{1}{79}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{2370}\ \Phi_{790}\ \Phi_{474}\ \Phi_{237}\ \Phi_{158}$
84738	1326	120	$\frac{1}{40}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{120}^{10}\ \Phi_{60}^{10}\ \Phi_{40}^{14}\ \Phi_{30}^8\ \Phi_{24}^{10}\ \Phi_{20}^{14}\ \Phi_{15}^{10}\ \Phi_{12}^{10}\ \Phi_{10}^{12}\ \Phi_8^{14}\ \Phi_6^8\ \Phi_5^{13}\ \Phi_4^{14}\ \Phi_3^{10}\ \Phi_2^{12}\ \Phi_1^{14}$
84739	1326	3486	$\frac{1}{83}$	$\frac{82}{581}$	$\frac{1}{3}$	$\frac{499}{1162}$	$\Phi_{3486}\ \Phi_{498}\ \Phi_{249}\ \Phi_{42}\ \Phi_6$
84740	1326	840	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_6^2$
84741	1326	250	$\frac{1}{25}$	$\frac{29}{250}$	$\frac{4}{25}$	$\frac{21}{50}$	$\Phi_{250}^6\ \Phi_{125}^6\ \Phi_{25}^5\ \Phi_5^5\ \Phi_1^6$
84742	1326	380	$\frac{2}{95}$	$\frac{31}{190}$	$\frac{1}{5}$	$\frac{159}{380}$	$\Phi_{380}^6\ \Phi_{95}^2\ \Phi_{76}^6\ \Phi_{20}^6\ \Phi_{19}^2\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
84743	1326	1896	$\frac{1}{79}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1896}\ \Phi_{632}\ \Phi_{474}\ \Phi_{237}\ \Phi_{158}$
84744	1326	1596	$\frac{7}{228}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{133}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
84745	1326	375	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{67}{375}$	$\frac{154}{375}$	$\Phi_{375}^3\ \Phi_{125}^3\ \Phi_{75}^6\ \Phi_{25}^5\ \Phi_{15}^6\ \Phi_5^5\ \Phi_3^6\ \Phi_1^6$
84746	1326	2590	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{36}{185}$	$\frac{149}{370}$	$\Phi_{2590}\ \Phi_{518}\ \Phi_{259}\ \Phi_{70}\ \Phi_{14}$
84747	1326	330	$\frac{1}{110}$	$\frac{1}{5}$	$\frac{109}{330}$	$\frac{2}{5}$	$\Phi_{330}^6\ \Phi_{165}^6\ \Phi_{66}^6\ \Phi_{33}^6\ \Phi_{30}^6\ \Phi_{15}^6\ \Phi_6^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
84748	1326	670	$\frac{7}{670}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{670}^2\ \Phi_{335}^2\ \Phi_{134}^2\ \Phi_{67}^2\ \Phi_5\ \Phi_1^2$
84749	1326	1120	$\frac{3}{224}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}^2\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}^2\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
84750	1326	880	$\frac{3}{220}$	$\frac{1}{5}$	$\frac{217}{880}$	$\frac{2}{5}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
84751	1326	225	$\frac{4}{225}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{225}^6\ \Phi_{75}^6\ \Phi_{45}^6\ \Phi_{25}^6\ \Phi_{15}^6\ \Phi_9^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
84752	1326	275	$\frac{1}{55}$	$\frac{54}{275}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{275}^6\ \Phi_{25}^6\ \Phi_5\ \Phi_1^2$
84753	1326	1320	$\frac{1}{44}$	$\frac{43}{264}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}^2\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{120}\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{40}\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
84754	1326	40	$\frac{1}{40}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{40}^{34}\ \Phi_{20}^{32}\ \Phi_{10}^{32}\ \Phi_8^{34}\ \Phi_5^{33}\ \Phi_4^{32}\ \Phi_2^{32}\ \Phi_1^{34}$
84755	1326	770	$\frac{3}{110}$	$\frac{107}{770}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
84756	1326	230	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{230}^6\ \Phi_{115}^6\ \Phi_{46}^6\ \Phi_{23}^6\ \Phi_5\ \Phi_1^2$
84757	1326	1155	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}^2\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}^2\ \Phi_{35}\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
84758	1326	1210	$\frac{1}{22}$	$\frac{21}{242}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1210}\ \Phi_{605}\ \Phi_{242}^2\ \Phi_{121}^2\ \Phi_5\ \Phi_1^2$
84759	1326	240	$\frac{1}{20}$	$\frac{19}{240}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^6\ \Phi_{60}^6\ \Phi_{48}^6\ \Phi_{40}^6\ \Phi_{30}^6\ \Phi_{24}^6\ \Phi_{16}^6\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
84760	1326	55	$\frac{3}{55}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{55}^{24}\ \Phi_{11}^{24}\ \Phi_5^{25}\ \Phi_1^{26}$
84761	1326	630	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^4\ \Phi_{105}^2\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}^4\ \Phi_{45}\ \Phi_{42}^4\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}^4\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
84762	1326	280	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{280}^5\ \Phi_{140}^5\ \Phi_{70}^5\ \Phi_{56}^5\ \Phi_{40}^4\ \Phi_{35}^5\ \Phi_{28}^3\ \Phi_{20}^4\ \Phi_{14}^5\ \Phi_{10}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_5^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
84763	1326	2240	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
84764	1326	1512	$\frac{1}{27}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
84765	1326	140	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{140}^{15}\ \Phi_{70}^{5}\ \Phi_{35}^{4}\ \Phi_{28}^{15}\ \Phi_{20}^{12}\ \Phi_{14}^{5}\ \Phi_{10}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{12}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
84766	1326	702	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{702}^{3}\ \Phi_{351}\ \Phi_{234}^{3}\ \Phi_{117}\ \Phi_{78}^{3}\ \Phi_{54}^{3}\ \Phi_{39}\ \Phi_{18}^{3}\ \Phi_{6}^{3}$
84767	1326	1325	$\frac{51}{1325}$	$\frac{98}{1325}$	$\frac{409}{1325}$	$\frac{458}{1325}$	$\Phi_{1325}\ \Phi_{265}\ \Phi_{53}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
84768	1326	1325	$\frac{67}{1325}$	$\frac{74}{1325}$	$\frac{417}{1325}$	$\frac{454}{1325}$	$\Phi_{1325}\ \Phi_{265}\ \Phi_{53}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
84769	1326	1422	$\frac{4}{79}$	$\frac{1}{18}$	$\frac{25}{79}$	$\frac{27}{79}$	$\Phi_{1422}\ \Phi_{711}\ \Phi_{474}\ \Phi_{237}\ \Phi_{158}$
84770	1326	1442	$\frac{4}{103}$	$\frac{1}{14}$	$\frac{33}{103}$	$\frac{35}{103}$	$\Phi_{1442}\ \Phi_{721}\ \Phi_{206}$
84771	1326	996	$\frac{1}{166}$	$\frac{55}{166}$	$\frac{1}{3}$	$\frac{111}{332}$	$\Phi_{996}^{3}\ \Phi_{498}\ \Phi_{249}\ \Phi_{12}^{3}\ \Phi_{6}$
84772	1326	780	$\frac{1}{52}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}^{2}\ \Phi_{156}\ \Phi_{130}^{2}\ \Phi_{78}\ \Phi_{65}^{2}\ \Phi_{60}^{2}\ \Phi_{39}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{6}$
84773	1326	660	$\frac{1}{110}$	$\frac{1}{4}$	$\frac{109}{330}$	$\frac{1}{3}$	$\Phi_{660}^{2}\ \Phi_{330}\ \Phi_{220}^{4}\ \Phi_{165}\ \Phi_{132}^{2}\ \Phi_{110}^{2}\ \Phi_{66}\ \Phi_{60}^{2}\ \Phi_{55}^{2}\ \Phi_{44}^{4}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}^{2}\ \Phi_{20}^{4}\ \Phi_{15}\ \Phi_{12}^{3}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
84774	1326	1515	$\frac{2}{101}$	$\frac{2}{15}$	$\frac{33}{101}$	$\frac{1}{3}$	$\Phi_{1515}\ \Phi_{505}\ \Phi_{101}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
84775	1326	984	$\frac{7}{328}$	$\frac{1}{8}$	$\frac{107}{328}$	$\frac{1}{3}$	$\Phi_{984}^{2}\ \Phi_{492}^{2}\ \Phi_{246}^{2}\ \Phi_{123}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
84776	1326	249	$\frac{2}{83}$	$\frac{28}{249}$	$\frac{27}{83}$	$\frac{1}{3}$	$\Phi_{249}^{5}\ \Phi_{83}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
84777	1326	1050	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{1050}^{2}\ \Phi_{525}^{2}\ \Phi_{210}^{2}\ \Phi_{150}^{2}\ \Phi_{105}^{2}\ \Phi_{42}^{3}\ \Phi_{30}^{2}\ \Phi_{21}^{3}\ \Phi_{6}^{3}$
84778	1326	342	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{342}^{4}\ \Phi_{171}^{4}\ \Phi_{114}^{4}\ \Phi_{57}^{2}\ \Phi_{38}^{4}\ \Phi_{19}^{4}\ \Phi_{18}^{6}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
84779	1326	1992	$\frac{35}{664}$	$\frac{37}{664}$	$\frac{209}{664}$	$\frac{1}{3}$	$\Phi_{1992}\ \Phi_{996}\ \Phi_{498}\ \Phi_{249}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
84780	1326	1992	$\frac{27}{664}$	$\frac{49}{664}$	$\frac{205}{664}$	$\frac{1}{3}$	$\Phi_{1992}\ \Phi_{996}\ \Phi_{498}\ \Phi_{249}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
84781	1326	120	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{120}^{9}\ \Phi_{60}^{9}\ \Phi_{40}^{16}\ \Phi_{30}^{9}\ \Phi_{24}^{8}\ \Phi_{20}^{16}\ \Phi_{15}^{9}\ \Phi_{12}^{8}\ \Phi_{10}^{16}\ \Phi_{8}^{14}\ \Phi_{6}^{8}\ \Phi_{5}^{16}\ \Phi_{4}^{14}\ \Phi_{3}^{7}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
84782	1326	468	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{468}^{4}\ \Phi_{234}^{4}\ \Phi_{156}\ \Phi_{117}^{4}\ \Phi_{78}\ \Phi_{39}\ \Phi_{36}^{4}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{6}$
84783	1326	672	$\frac{3}{224}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{168}^{3}\ \Phi_{96}^{3}\ \Phi_{84}^{3}\ \Phi_{48}^{3}\ \Phi_{42}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{12}\ \Phi_{6}$
84784	1326	2640	$\frac{3}{220}$	$\frac{217}{880}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{528}\ \Phi_{264}\ \Phi_{240}\ \Phi_{120}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
84785	1326	900	$\frac{4}{225}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}^{2}\ \Phi_{180}^{2}\ \Phi_{150}^{2}\ \Phi_{100}^{2}\ \Phi_{90}^{2}\ \Phi_{60}\ \Phi_{50}^{2}\ \Phi_{36}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
84786	1326	3300	$\frac{1}{55}$	$\frac{54}{275}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{300}\ \Phi_{150}\ \Phi_{12}\ \Phi_{6}$
84787	1326	624	$\frac{1}{52}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{624}^{4}\ \Phi_{312}^{4}\ \Phi_{156}\ \Phi_{78}\ \Phi_{48}^{3}\ \Phi_{39}\ \Phi_{24}^{3}\ \Phi_{12}\ \Phi_{6}$
84788	1326	264	$\frac{1}{44}$	$\frac{43}{264}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{264}^{6}\ \Phi_{132}^{3}\ \Phi_{88}^{6}\ \Phi_{66}^{3}\ \Phi_{44}^{6}\ \Phi_{33}^{3}\ \Phi_{24}^{6}\ \Phi_{22}^{6}\ \Phi_{12}^{4}\ \Phi_{11}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
84789	1326	120	$\frac{1}{40}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^{17}\ \Phi_{60}^{16}\ \Phi_{30}^{16}\ \Phi_{24}^{17}\ \Phi_{15}^{16}\ \Phi_{12}^{17}\ \Phi_{6}^{17}\ \Phi_{3}^{16}$
84790	1326	420	$\frac{1}{35}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{5}\ \Phi_{84}^{4}\ \Phi_{70}^{5}\ \Phi_{60}^{3}\ \Phi_{42}^{4}\ \Phi_{30}^{3}\ \Phi_{28}^{5}\ \Phi_{20}^{4}\ \Phi_{14}^{5}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
84791	1326	1380	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1380}^{2}\ \Phi_{690}\ \Phi_{345}\ \Phi_{276}^{2}\ \Phi_{138}\ \Phi_{69}\ \Phi_{12}\ \Phi_{6}$
84792	1326	924	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{154}^{2}\ \Phi_{132}\ \Phi_{84}^{2}\ \Phi_{66}\ \Phi_{44}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{22}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
84793	1326	1452	$\frac{1}{22}$	$\frac{21}{242}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1452}^{2}\ \Phi_{726}\ \Phi_{363}\ \Phi_{12}\ \Phi_{6}$
84794	1326	240	$\frac{1}{20}$	$\frac{19}{240}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^{6}\ \Phi_{120}^{6}\ \Phi_{80}^{6}\ \Phi_{60}^{3}\ \Phi_{48}^{6}\ \Phi_{40}^{6}\ \Phi_{30}^{3}\ \Phi_{24}^{6}\ \Phi_{20}^{6}\ \Phi_{16}^{6}\ \Phi_{15}^{3}\ \Phi_{12}^{4}\ \Phi_{10}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
84795	1326	660	$\frac{3}{55}$	$\frac{4}{55}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^{4}\ \Phi_{330}^{4}\ \Phi_{132}^{4}\ \Phi_{66}^{4}\ \Phi_{60}^{4}\ \Phi_{30}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{5}$
84796	1326	252	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^{8}\ \Phi_{126}^{4}\ \Phi_{84}^{6}\ \Phi_{63}^{4}\ \Phi_{42}^{3}\ \Phi_{36}^{4}\ \Phi_{28}^{8}\ \Phi_{21}^{3}\ \Phi_{18}^{2}\ \Phi_{14}^{4}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
84797	1326	2112	$\frac{41}{704}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
84798	1326	2310	$\frac{1}{14}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{66}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
84799	1326	1515	$\frac{5}{101}$	$\frac{2}{15}$	$\frac{16}{101}$	$\frac{1}{3}$	$\Phi_{1515}\ \Phi_{505}\ \Phi_{101}\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{1}^2$
84800	1326	420	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{3}$	$\Phi_{420}^6\ \Phi_{210}^4\ \Phi_{105}^4\ \Phi_{84}^6\ \Phi_{60}^3\ \Phi_{42}^5\ \Phi_{30}^2\ \Phi_{21}^5\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{3}^2$
84801	1326	630	$\frac{1}{18}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{126}\ \Phi_{105}^2\ \Phi_{70}^3\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{14}$
84802	1326	1818	$\frac{2}{101}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{33}{101}$	$\Phi_{1818}\ \Phi_{909}\ \Phi_{101}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{1}^2$
84803	1326	1616	$\frac{2}{101}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{33}{101}$	$\Phi_{1616}\ \Phi_{808}\ \Phi_{101}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
84804	1326	285	$\frac{2}{95}$	$\frac{1}{5}$	$\frac{64}{285}$	$\frac{31}{95}$	$\Phi_{285}^6\ \Phi_{95}^2\ \Phi_{57}^6\ \Phi_{19}^2\ \Phi_{15}^6\ \Phi_{5}\ \Phi_{3}^6\ \Phi_{1}^2$
84805	1326	1848	$\frac{2}{77}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{25}{77}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
84806	1326	1540	$\frac{2}{77}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{25}{77}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{220}\ \Phi_{140}\ \Phi_{110}\ \Phi_{77}\ \Phi_{70}\ \Phi_{55}\ \Phi_{35}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{1}^2$
84807	1326	318	$\frac{2}{53}$	$\frac{9}{106}$	$\frac{97}{318}$	$\frac{17}{53}$	$\Phi_{318}^6\ \Phi_{159}^6\ \Phi_{53}\ \Phi_{6}^6\ \Phi_{3}^6\ \Phi_{1}^2$
84808	1326	265	$\frac{2}{53}$	$\frac{44}{265}$	$\frac{9}{53}$	$\frac{17}{53}$	$\Phi_{265}^6\ \Phi_{53}\ \Phi_{5}^6\ \Phi_{1}^2$
84809	1326	50	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{11}{50}$	$\frac{8}{25}$	$\Phi_{50}^{34}\ \Phi_{25}^{19}\ \Phi_{10}^{34}\ \Phi_{5}^{19}\ \Phi_{2}^{34}\ \Phi_{1}^{20}$
84810	1326	75	$\frac{1}{25}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{8}{25}$	$\Phi_{75}^{20}\ \Phi_{25}^{12}\ \Phi_{15}^{22}\ \Phi_{5}^{13}\ \Phi_{3}^{22}\ \Phi_{1}^{14}$
84811	1326	2268	$\frac{5}{108}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{103}{324}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
84812	1326	418	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{6}{19}$	$\Phi_{418}^4\ \Phi_{209}^2\ \Phi_{38}^4\ \Phi_{22}^6\ \Phi_{19}^4\ \Phi_{11}^3\ \Phi_{2}^6\ \Phi_{1}^6$
84813	1326	245	$\frac{2}{35}$	$\frac{24}{245}$	$\frac{1}{5}$	$\frac{11}{35}$	$\Phi_{245}^6\ \Phi_{49}^6\ \Phi_{35}^2\ \Phi_{7}^2\ \Phi_{5}\ \Phi_{1}^2$
84814	1326	318	$\frac{9}{106}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{97}{318}$	$\Phi_{318}^6\ \Phi_{159}^6\ \Phi_{53}\ \Phi_{6}^6\ \Phi_{3}^6\ \Phi_{1}^2$
84815	1326	315	$\frac{2}{35}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{94}{315}$	$\Phi_{315}^6\ \Phi_{63}^6\ \Phi_{45}^6\ \Phi_{35}^2\ \Phi_{9}^6\ \Phi_{7}^2\ \Phi_{5}\ \Phi_{1}^2$
84816	1326	216	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{216}^6\ \Phi_{108}^7\ \Phi_{72}^6\ \Phi_{54}^7\ \Phi_{36}^7\ \Phi_{27}^6\ \Phi_{24}^3\ \Phi_{18}^7\ \Phi_{12}^4\ \Phi_{9}^6\ \Phi_{8}^6\ \Phi_{6}^4\ \Phi_{4}^6\ \Phi_{3}^3\ \Phi_{2}^6\ \Phi_{1}^6$
84817	1326	1848	$\frac{5}{77}$	$\frac{1}{8}$	$\frac{12}{77}$	$\frac{7}{24}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
84818	1326	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{168}^{11}\ \Phi_{84}^{11}\ \Phi_{42}^{11}\ \Phi_{24}^{12}\ \Phi_{21}^{11}\ \Phi_{14}^{6}\ \Phi_{12}^{12}\ \Phi_{7}^{5}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
84819	1326	264	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{264}^7\ \Phi_{132}^7\ \Phi_{66}^7\ \Phi_{44}^2\ \Phi_{33}^7\ \Phi_{24}^8\ \Phi_{22}^2\ \Phi_{12}^8\ \Phi_{11}\ \Phi_{6}^8\ \Phi_{4}^2\ \Phi_{3}^8\ \Phi_{2}^2\ \Phi_{1}^2$
84820	1326	1260	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
84821	1326	1818	$\frac{5}{101}$	$\frac{16}{101}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1818}\ \Phi_{909}\ \Phi_{101}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{1}^2$
84822	1326	126	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{126}^{12}\ \Phi_{63}^{12}\ \Phi_{42}^{13}\ \Phi_{21}^{13}\ \Phi_{14}^{13}\ \Phi_{7}^{12}$
84823	1326	360	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{90}^5\ \Phi_{72}^5\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}^5\ \Phi_{20}^4\ \Phi_{18}^5\ \Phi_{10}^4\ \Phi_{9}^4\ \Phi_{8}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
84824	1326	300	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{21}{100}$	$\frac{79}{300}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{75}^6\ \Phi_{60}^6\ \Phi_{30}^6\ \Phi_{25}^5\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{6}^6\ \Phi_{5}^5\ \Phi_{3}^6\ \Phi_{1}^6$
84825	1326	560	$\frac{1}{35}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
84826	1326	540	$\frac{1}{27}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{54}\ \Phi_{45}^3\ \Phi_{36}\ \Phi_{30}^3\ \Phi_{18}\ \Phi_{15}^3\ \Phi_{12}\ \Phi_{6}$
84827	1326	308	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{308}^6\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{44}^3\ \Phi_{28}^8\ \Phi_{22}^2\ \Phi_{14}^4\ \Phi_{11}\ \Phi_{7}^4\ \Phi_{4}^4\ \Phi_{2}^2\ \Phi_{1}^2$
84828	1326	1728	$\frac{1}{27}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
84829	1326	180	$\frac{1}{18}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^{10}\ \Phi_{90}^5\ \Phi_{60}^8\ \Phi_{45}^5\ \Phi_{36}^{12}\ \Phi_{30}^3\ \Phi_{20}^9\ \Phi_{18}^6\ \Phi_{15}^5\ \Phi_{12}^{10}\ \Phi_{10}^4\ \Phi_{9}^6\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{4}^{10}\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
84830	1326	1616	$\frac{5}{101}$	$\frac{16}{101}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1616}\ \Phi_{808}\ \Phi_{101}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
84831	1326	1008	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
84832	1326	1540	$\frac{5}{77}$	$\frac{3}{20}$	$\frac{12}{77}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{220}\ \Phi_{140}\ \Phi_{110}\ \Phi_{77}\ \Phi_{70}\ \Phi_{55}\ \Phi_{35}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
84833	1326	140	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{140}^{11}\ \Phi_{70}^{11}\ \Phi_{35}^{11}\ \Phi_{20}^{12}\ \Phi_{14}^{6}\ \Phi_{10}^{12}\ \Phi_7^5\ \Phi_5^{12}\ \Phi_2^6\ \Phi_1^6$
84834	1326	220	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{220}^7\ \Phi_{110}^7\ \Phi_{55}^7\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{20}^8\ \Phi_{11}\ \Phi_{10}^8\ \Phi_5^8\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
84835	1326	2016	$\frac{5}{72}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{67}{288}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{112}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
84836	1326	280	$\frac{2}{35}$	$\frac{11}{70}$	$\frac{1}{5}$	$\frac{59}{280}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{56}^6\ \Phi_{40}^6\ \Phi_{35}^2\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_8^6\ \Phi_7^2\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
84837	1326	1680	$\frac{19}{240}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
84838	1326	165	$\frac{4}{55}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{165}^{10}\ \Phi_{55}^6\ \Phi_{33}^{10}\ \Phi_{15}^2\ \Phi_{11}^6\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
84839	1326	75	$\frac{7}{75}$	$\frac{2}{15}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{75}^{17}\ \Phi_{25}^{18}\ \Phi_{15}^{19}\ \Phi_5^{19}\ \Phi_3^{19}\ \Phi_1^{20}$
84840	1326	60	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{3}{20}$	$\frac{1}{5}$	$\Phi_{60}^{30}\ \Phi_{30}^{20}\ \Phi_{20}^{18}\ \Phi_{15}^{22}\ \Phi_{12}^{30}\ \Phi_{10}^{12}\ \Phi_6^{20}\ \Phi_5^{13}\ \Phi_4^{18}\ \Phi_3^{22}\ \Phi_2^{12}\ \Phi_1^{14}$
84841	1326	1890	$\frac{5}{54}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{49}{270}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
84842	1326	265	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{44}{265}$	$\frac{9}{53}$	$\Phi_{265}^6\ \Phi_{53}\ \Phi_5^6\ \Phi_1^2$
84843	1326	252	$\frac{31}{252}$	$\frac{5}{36}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{252}^5\ \Phi_{126}^5\ \Phi_{84}^5\ \Phi_{63}^5\ \Phi_{42}^6\ \Phi_{36}^6\ \Phi_{28}^5\ \Phi_{21}^6\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_9^6\ \Phi_7^5\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
84844	1327	2640	$\frac{7}{1320}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1313}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
84845	1327	2448	$\frac{1}{102}$	$\frac{103}{1224}$	$\frac{1121}{2448}$	$\frac{101}{204}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{204}\ \Phi_{144}\ \Phi_{68}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
84846	1327	1836	$\frac{1}{102}$	$\frac{103}{612}$	$\frac{509}{1836}$	$\frac{101}{204}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{459}\ \Phi_{204}\ \Phi_{108}\ \Phi_{68}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
84847	1327	1632	$\frac{1}{102}$	$\frac{305}{1632}$	$\frac{103}{408}$	$\frac{101}{204}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{272}\ \Phi_{204}\ \Phi_{96}\ \Phi_{68}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
84848	1327	2628	$\frac{13}{1314}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1301}{2628}$	$\Phi_{2628}\ \Phi_{876}\ \Phi_{292}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
84849	1327	1776	$\frac{5}{444}$	$\frac{1}{6}$	$\frac{449}{1776}$	$\frac{439}{888}$	$\Phi_{1776}\ \Phi_{592}\ \Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}\ \Phi_{48}\ \Phi_{37}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
84850	1327	2496	$\frac{1}{78}$	$\frac{79}{1248}$	$\frac{1169}{2496}$	$\frac{77}{156}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{192}\ \Phi_{156}\ \Phi_{64}\ \Phi_{52}\ \Phi_{12}\ \Phi_4\ \Phi_1$
84851	1327	1872	$\frac{1}{78}$	$\frac{79}{624}$	$\frac{545}{1872}$	$\frac{77}{156}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{72}\ \Phi_{52}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
84852	1327	1560	$\frac{1}{78}$	$\frac{233}{1560}$	$\frac{79}{312}$	$\frac{77}{156}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{120}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
84853	1327	2600	$\frac{27}{1300}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{1273}{2600}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{200}\ \Phi_{104}\ \Phi_{52}\ \Phi_{40}\ \Phi_8\ \Phi_4\ \Phi_1$
84854	1327	2592	$\frac{31}{1296}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1265}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
84855	1327	2584	$\frac{35}{1292}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{1257}{2584}$	$\Phi_{2584}\ \Phi_{152}\ \Phi_{136}\ \Phi_{68}\ \Phi_8\ \Phi_4\ \Phi_1$
84856	1327	1560	$\frac{1}{26}$	$\frac{27}{260}$	$\frac{233}{1560}$	$\frac{25}{52}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
84857	1327	2496	$\frac{1}{26}$	$\frac{79}{1248}$	$\frac{25}{104}$	$\frac{1169}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{192}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_8\ \Phi_4\ \Phi_1$
84858	1327	2448	$\frac{1}{51}$	$\frac{103}{1224}$	$\frac{50}{153}$	$\frac{1121}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{153}\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_9\ \Phi_1$
84859	1327	2448	$\frac{1}{34}$	$\frac{103}{1224}$	$\frac{33}{136}$	$\frac{1121}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{144}\ \Phi_{136}\ \Phi_{68}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
84860	1327	1836	$\frac{1}{51}$	$\frac{50}{459}$	$\frac{509}{1836}$	$\frac{409}{918}$	$\Phi_{1836}\ \Phi_{612}\ \Phi_{459}\ \Phi_{204}\ \Phi_{153}\ \Phi_{108}\ \Phi_{68}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
84861	1327	2380	$\frac{1}{34}$	$\frac{137}{1190}$	$\frac{33}{170}$	$\frac{1053}{2380}$	$\Phi_{2380}\ \Phi_{476}\ \Phi_{340}\ \Phi_{170}\ \Phi_{140}\ \Phi_{85}\ \Phi_{68}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
84862	1327	1632	$\frac{1}{34}$	$\frac{33}{272}$	$\frac{305}{1632}$	$\frac{239}{544}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{96}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
84863	1327	2340	$\frac{1}{78}$	$\frac{157}{1170}$	$\frac{77}{234}$	$\frac{1013}{2340}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{234}\ \Phi_{180}\ \Phi_{156}\ \Phi_{117}\ \Phi_{60}\ \Phi_{52}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
84864	1327	2340	$\frac{1}{39}$	$\frac{157}{1170}$	$\frac{38}{195}$	$\frac{1013}{2340}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{156}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
84865	1327	1368	$\frac{41}{1368}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
84866	1327	1638	$\frac{1}{39}$	$\frac{38}{273}$	$\frac{311}{1638}$	$\frac{235}{546}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{273}\ \Phi_{234}\ \Phi_{126}\ \Phi_{117}\ \Phi_{91}\ \Phi_{63}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
84867	1327	1872	$\frac{1}{78}$	$\frac{77}{468}$	$\frac{545}{1872}$	$\frac{391}{936}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{52}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
84868	1327	1980	$\frac{7}{660}$	$\frac{1}{6}$	$\frac{653}{1980}$	$\frac{5}{12}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{198}\ \Phi_{180}\ \Phi_{99}\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
84869	1327	1344	$\frac{17}{1344}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
84870	1327	1584	$\frac{7}{264}$	$\frac{257}{1584}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
84871	1327	1380	$\frac{53}{1380}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}\ \Phi_{230}\ \Phi_{138}\ \Phi_{115}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
84872	1327	1452	$\frac{7}{132}$	$\frac{125}{1452}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{484}\ \Phi_{363}\ \Phi_{242}\ \Phi_{121}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
84873	1327	1440	$\frac{7}{120}$	$\frac{113}{1440}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
84874	1327	1560	$\frac{1}{39}$	$\frac{233}{1560}$	$\frac{38}{195}$	$\frac{157}{390}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
84875	1327	2220	$\frac{5}{222}$	$\frac{1}{6}$	$\frac{217}{1110}$	$\frac{893}{2220}$	$\Phi_{2220}\ \Phi_{740}\ \Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}\ \Phi_{60}\ \Phi_{37}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
84876	1327	2184	$\frac{1}{39}$	$\frac{38}{273}$	$\frac{235}{1092}$	$\frac{857}{2184}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{273}\ \Phi_{168}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{24}\ \Phi_{21}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
84877	1327	2176	$\frac{1}{34}$	$\frac{33}{272}$	$\frac{239}{1088}$	$\frac{849}{2176}$	$\Phi_{2176}\ \Phi_{272}\ \Phi_{136}\ \Phi_{128}\ \Phi_{68}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
84878	1327	1456	$\frac{1}{26}$	$\frac{129}{1456}$	$\frac{25}{104}$	$\frac{79}{208}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{112}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
84879	1327	2040	$\frac{1}{34}$	$\frac{33}{340}$	$\frac{307}{1020}$	$\frac{713}{2040}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{68}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
84880	1327	2028	$\frac{1}{26}$	$\frac{25}{338}$	$\frac{313}{1014}$	$\frac{701}{2028}$	$\Phi_{2028}\ \Phi_{676}\ \Phi_{338}\ \Phi_{169}\ \Phi_{156}\ \Phi_{52}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
84881	1327	1530	$\frac{1}{51}$	$\frac{203}{1530}$	$\frac{50}{153}$	$\frac{103}{306}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{153}\ \Phi_{90}\ \Phi_{85}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
84882	1327	1836	$\frac{1}{51}$	$\frac{103}{612}$	$\frac{509}{1836}$	$\frac{50}{153}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{459}\ \Phi_{153}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
84883	1327	1944	$\frac{31}{648}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{617}{1944}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
84884	1327	1872	$\frac{1}{26}$	$\frac{79}{624}$	$\frac{25}{104}$	$\frac{545}{1872}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
84885	1327	1404	$\frac{77}{1404}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
84886	1327	1755	$\frac{1}{39}$	$\frac{38}{195}$	$\frac{428}{1755}$	$\frac{157}{585}$	$\Phi_{1755}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}\ \Phi_{65}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
84887	1327	1560	$\frac{1}{26}$	$\frac{233}{1560}$	$\frac{25}{104}$	$\frac{79}{312}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
84888	1327	1632	$\frac{1}{34}$	$\frac{305}{1632}$	$\frac{33}{136}$	$\frac{103}{408}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{96}\ \Phi_{68}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
84889	1327	1664	$\frac{1}{26}$	$\frac{79}{416}$	$\frac{337}{1664}$	$\frac{25}{104}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{128}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
84890	1327	1728	$\frac{31}{432}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{401}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
84891	1327	1440	$\frac{113}{1440}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{144}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
84892	1327	1620	$\frac{31}{324}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{293}{1620}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
84893	1327	1512	$\frac{185}{1512}$	$\frac{5}{36}$	$\frac{31}{216}$	$\frac{1}{6}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
84894	1328	993	$\frac{1}{331}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{165}{331}$	$\Phi_{993}\ \Phi_{331}^2\ \Phi_{3}^2\ \Phi_{1}^4$
84895	1328	1327	$\frac{5}{1327}$	$\frac{333}{1327}$	$\frac{497}{1327}$	$\frac{661}{1327}$	$\Phi_{1327}\ \Phi_{1}^2$
84896	1328	1995	$\frac{3}{665}$	$\frac{167}{665}$	$\frac{1}{3}$	$\frac{331}{665}$	$\Phi_{1995}\ \Phi_{399}\ \Phi_{285}\ \Phi_{105}\ \Phi_{57}\ \Phi_{21}\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
84897	1328	1155	$\frac{1}{165}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{82}{165}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}\ \Phi_{165}^2\ \Phi_{105}\ \Phi_{77}\ \Phi_{55}^2\ \Phi_{35}\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
84898	1328	165	$\frac{1}{165}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{82}{165}$	$\Phi_{165}^8\ \Phi_{55}^8\ \Phi_{33}^8\ \Phi_{15}^9\ \Phi_{11}^8\ \Phi_5^8\ \Phi_3^8\ \Phi_1^8$
84899	1328	1327	$\frac{9}{1327}$	$\frac{167}{1327}$	$\frac{580}{1327}$	$\frac{659}{1327}$	$\Phi_{1327}\ \Phi_1^2$
84900	1328	399	$\frac{1}{133}$	$\frac{67}{399}$	$\frac{1}{3}$	$\frac{66}{133}$	$\Phi_{399}^3\ \Phi_{133}^4\ \Phi_{57}^3\ \Phi_{21}^3\ \Phi_{19}^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
84901	1328	555	$\frac{1}{111}$	$\frac{1}{5}$	$\frac{28}{111}$	$\frac{55}{111}$	$\Phi_{555}^3\ \Phi_{185}^3\ \Phi_{15}^3\ \Phi_5^2$
84902	1328	987	$\frac{3}{329}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{163}{329}$	$\Phi_{987}^2\ \Phi_{141}^2\ \Phi_{21}^3\ \Phi_3^2$
84903	1328	1327	$\frac{13}{1327}$	$\frac{248}{1327}$	$\frac{335}{1327}$	$\frac{657}{1327}$	$\Phi_{1327}\ \Phi_1^2$
84904	1328	285	$\frac{1}{95}$	$\frac{12}{95}$	$\frac{1}{3}$	$\frac{47}{95}$	$\Phi_{285}^7\ \Phi_{57}^7\ \Phi_{15}^7\ \Phi_3^6$
84905	1328	2460	$\frac{1}{82}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{81}{164}$	$\Phi_{2460}\ \Phi_{820}\ \Phi_{492}\ \Phi_{164}^2\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
84906	1328	1476	$\frac{1}{82}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{81}{164}$	$\Phi_{1476}^2\ \Phi_{492}\ \Phi_{164}^2\ \Phi_{36}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
84907	1328	820	$\frac{1}{82}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{81}{164}$	$\Phi_{820}^3\ \Phi_{164}^4\ \Phi_{20}^3\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
84908	1328	2754	$\frac{2}{81}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{2754}\ \Phi_{918}\ \Phi_{306}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
84909	1328	810	$\frac{2}{81}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{79}{162}$	$\Phi_{810}^4\ \Phi_{270}^4\ \Phi_{90}^4\ \Phi_{45}\ \Phi_{30}^4\ \Phi_{15}\ \Phi_{10}^4$
84910	1328	185	$\frac{1}{37}$	$\frac{19}{185}$	$\frac{1}{5}$	$\frac{18}{37}$	$\Phi_{185}^7\ \Phi_{37}^8\ \Phi_5^6\ \Phi_1^8$
84911	1328	969	$\frac{9}{323}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{157}{323}$	$\Phi_{969}^2\ \Phi_{57}^3\ \Phi_{51}^2\ \Phi_3^2$
84912	1328	525	$\frac{1}{35}$	$\frac{9}{175}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{525}^4\ \Phi_{105}^3\ \Phi_{75}^4\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_3^2$
84913	1328	1904	$\frac{1}{28}$	$\frac{1}{17}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{1904}\ \Phi_{476}\ \Phi_{272}\ \Phi_{238}\ \Phi_{119}\ \Phi_{68}\ \Phi_{34}$
84914	1328	2720	$\frac{3}{80}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{68}\ \Phi_{34}$
84915	1328	171	$\frac{5}{171}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{171}^8\ \Phi_{57}^7\ \Phi_{19}^8\ \Phi_9^8\ \Phi_3^6\ \Phi_1^8$
84916	1328	315	$\frac{1}{35}$	$\frac{17}{315}$	$\frac{1}{3}$	$\frac{149}{315}$	$\Phi_{315}^4\ \Phi_{105}^5\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{35}^4\ \Phi_{21}^5\ \Phi_{15}^5\ \Phi_9^4\ \Phi_7^4\ \Phi_5^4\ \Phi_3^4\ \Phi_1^4$
84917	1328	2652	$\frac{1}{17}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{73}{156}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
84918	1328	615	$\frac{1}{41}$	$\frac{1}{15}$	$\frac{40}{123}$	$\frac{7}{15}$	$\Phi_{615}^2\ \Phi_{205}^2\ \Phi_{123}^3\ \Phi_{41}^2\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
84919	1328	2618	$\frac{1}{17}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{154}$	$\Phi_{2618}\ \Phi_{374}\ \Phi_{238}\ \Phi_{119}\ \Phi_{34}$
84920	1328	1632	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{11}{24}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{272}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
84921	1328	855	$\frac{5}{171}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{95}^2\ \Phi_{45}\ \Phi_{15}$
84922	1328	740	$\frac{1}{37}$	$\frac{9}{74}$	$\frac{1}{5}$	$\frac{65}{148}$	$\Phi_{740}^4\ \Phi_{185}\ \Phi_{20}^4$
84923	1328	84	$\frac{1}{84}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{84}^{16}\ \Phi_{42}^{16}\ \Phi_{28}^{16}\ \Phi_{21}^{15}\ \Phi_{14}^{16}\ \Phi_{12}^{16}\ \Phi_7^{16}\ \Phi_6^{16}\ \Phi_4^{16}\ \Phi_3^{14}\ \Phi_2^{16}\ \Phi_1^{16}$
84924	1328	770	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{27}{110}$	$\frac{3}{7}$	$\Phi_{770}^2\ \Phi_{385}\ \Phi_{154}^2\ \Phi_{110}^4\ \Phi_{77}\ \Phi_{70}^2\ \Phi_{55}^2\ \Phi_{35}\ \Phi_{22}^4\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_{10}^4\ \Phi_7^2\ \Phi_5^2\ \Phi_2^4\ \Phi_1^4$
84925	1328	595	$\frac{2}{85}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{595}^2\ \Phi_{119}^2\ \Phi_{85}^4\ \Phi_{35}\ \Phi_{17}^4\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
84926	1328	693	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{16}{99}$	$\frac{3}{7}$	$\Phi_{693}^2\ \Phi_{231}\ \Phi_{99}^4\ \Phi_{77}\ \Phi_{63}^2\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{11}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
84927	1328	616	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{616}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{88}^4\ \Phi_{77}\ \Phi_{56}^2\ \Phi_{44}^4\ \Phi_{28}^2\ \Phi_{22}^4\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_8^4\ \Phi_7^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
84928	1328	630	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^4\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^4\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^4\ \Phi_{21}\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^4\ \Phi_9^4\ \Phi_7^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
84929	1328	2448	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{144}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
84930	1328	285	$\frac{1}{95}$	$\frac{47}{285}$	$\frac{1}{3}$	$\frac{119}{285}$	$\Phi_{285}^5\ \Phi_{95}^4\ \Phi_{57}^5\ \Phi_{19}^4\ \Phi_{15}^5\ \Phi_5^4\ \Phi_3^4\ \Phi_1^4$
84931	1328	1428	$\frac{1}{84}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{238}\ \Phi_{204}\ \Phi_{119}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
84932	1328	2380	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{57}{140}$	$\Phi_{2380}\ \Phi_{476}\ \Phi_{340}\ \Phi_{238}\ \Phi_{119}\ \Phi_{68}\ \Phi_{34}$
84933	1328	1005	$\frac{3}{335}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1005}^2\ \Phi_{201}^2\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
84934	1328	1327	$\frac{11}{1327}$	$\frac{329}{1327}$	$\frac{414}{1327}$	$\frac{499}{1327}$	$\Phi_{1327}\ \Phi_{1}^{2}$
84935	1328	399	$\frac{1}{133}$	$\frac{33}{133}$	$\frac{1}{3}$	$\frac{50}{133}$	$\Phi_{399}^{5}\ \Phi_{57}^{5}\ \Phi_{21}^{5}\ \Phi_{3}^{4}$
84936	1328	1496	$\frac{5}{88}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{374}\ \Phi_{187}\ \Phi_{68}\ \Phi_{34}$
84937	1328	2142	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{2142}\ \Phi_{714}\ \Phi_{357}\ \Phi_{306}\ \Phi_{238}\ \Phi_{119}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
84938	1328	501	$\frac{1}{167}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{501}^{3}\ \Phi_{167}^{2}$
84939	1328	993	$\frac{3}{331}$	$\frac{82}{331}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{993}\ \Phi_{331}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
84940	1328	420	$\frac{1}{84}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{4}\ \Phi_{70}^{4}\ \Phi_{60}^{4}\ \Phi_{35}^{4}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{2}$
84941	1328	855	$\frac{1}{95}$	$\frac{191}{855}$	$\frac{94}{285}$	$\frac{1}{3}$	$\Phi_{855}^{2}\ \Phi_{285}\ \Phi_{171}^{2}\ \Phi_{57}\ \Phi_{45}^{2}\ \Phi_{15}\ \Phi_{9}^{2}$
84942	1328	495	$\frac{2}{165}$	$\frac{1}{5}$	$\frac{163}{495}$	$\frac{1}{3}$	$\Phi_{495}^{4}\ \Phi_{99}^{4}\ \Phi_{45}^{4}\ \Phi_{15}\ \Phi_{9}^{4}$
84943	1328	987	$\frac{6}{329}$	$\frac{1}{7}$	$\frac{323}{987}$	$\frac{1}{3}$	$\Phi_{987}\ \Phi_{329}^{2}\ \Phi_{141}\ \Phi_{47}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
84944	1328	369	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{40}{123}$	$\frac{1}{3}$	$\Phi_{369}^{4}\ \Phi_{123}^{3}\ \Phi_{41}^{2}\ \Phi_{9}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
84945	1328	735	$\frac{1}{35}$	$\frac{71}{735}$	$\frac{34}{105}$	$\frac{1}{3}$	$\Phi_{735}^{2}\ \Phi_{245}^{2}\ \Phi_{147}^{2}\ \Phi_{105}\ \Phi_{49}^{2}\ \Phi_{21}\ \Phi_{15}$
84946	1328	969	$\frac{1}{19}$	$\frac{18}{323}$	$\frac{305}{969}$	$\frac{1}{3}$	$\Phi_{969}\ \Phi_{323}^{2}\ \Phi_{57}^{2}\ \Phi_{51}\ \Phi_{19}^{2}\ \Phi_{17}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
84947	1328	945	$\frac{1}{35}$	$\frac{34}{315}$	$\frac{281}{945}$	$\frac{1}{3}$	$\Phi_{945}^{2}\ \Phi_{189}^{2}\ \Phi_{135}^{2}\ \Phi_{105}\ \Phi_{27}^{2}\ \Phi_{21}\ \Phi_{15}$
84948	1328	675	$\frac{11}{675}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{675}^{2}\ \Phi_{225}^{2}\ \Phi_{135}^{2}\ \Phi_{75}^{2}\ \Phi_{45}^{2}\ \Phi_{27}^{2}\ \Phi_{25}^{2}\ \Phi_{15}\ \Phi_{9}^{2}$
84949	1328	330	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{27}{110}$	$\frac{1}{3}$	$\Phi_{330}^{8}\ \Phi_{165}^{4}\ \Phi_{66}^{8}\ \Phi_{33}^{4}\ \Phi_{30}^{8}\ \Phi_{15}^{5}\ \Phi_{6}^{8}\ \Phi_{3}^{4}$
84950	1328	1836	$\frac{1}{17}$	$\frac{2}{27}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
84951	1328	1530	$\frac{1}{17}$	$\frac{7}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}\ \Phi_{255}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{51}\ \Phi_{34}$
84952	1328	171	$\frac{5}{171}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{171}^{8}\ \Phi_{57}^{7}\ \Phi_{19}^{8}\ \Phi_{9}^{8}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
84953	1328	105	$\frac{1}{35}$	$\frac{17}{105}$	$\frac{22}{105}$	$\frac{1}{3}$	$\Phi_{105}^{13}\ \Phi_{35}^{12}\ \Phi_{21}^{13}\ \Phi_{15}^{13}\ \Phi_{7}^{12}\ \Phi_{5}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
84954	1328	255	$\frac{2}{85}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{255}^{8}\ \Phi_{51}^{8}\ \Phi_{15}^{5}\ \Phi_{3}^{4}$
84955	1328	825	$\frac{4}{165}$	$\frac{161}{825}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{825}^{2}\ \Phi_{275}^{2}\ \Phi_{75}^{2}\ \Phi_{25}^{2}\ \Phi_{15}$
84956	1328	495	$\frac{1}{33}$	$\frac{16}{99}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{495}^{4}\ \Phi_{165}^{2}\ \Phi_{55}^{2}\ \Phi_{45}^{4}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
84957	1328	1155	$\frac{2}{55}$	$\frac{53}{385}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1155}^{2}\ \Phi_{231}^{2}\ \Phi_{105}^{2}\ \Phi_{21}^{2}\ \Phi_{15}$
84958	1328	345	$\frac{13}{345}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{345}^{4}\ \Phi_{115}^{4}\ \Phi_{69}^{4}\ \Phi_{23}^{4}\ \Phi_{15}$
84959	1328	1320	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{165}\ \Phi_{120}^{2}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}$
84960	1328	1815	$\frac{2}{33}$	$\frac{31}{363}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{15}$
84961	1328	90	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{90}^{16}\ \Phi_{45}^{16}\ \Phi_{30}^{16}\ \Phi_{18}^{16}\ \Phi_{15}^{9}\ \Phi_{10}^{16}\ \Phi_{9}^{16}\ \Phi_{6}^{16}\ \Phi_{5}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{16}\ \Phi_{1}^{8}$
84962	1328	2145	$\frac{51}{715}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{195}\ \Phi_{39}\ \Phi_{15}$
84963	1328	285	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{12}{95}$	$\frac{1}{3}$	$\Phi_{285}^{7}\ \Phi_{57}^{7}\ \Phi_{15}^{7}\ \Phi_{3}^{6}$
84964	1328	615	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{40}{123}$	$\Phi_{615}^{3}\ \Phi_{123}^{4}\ \Phi_{15}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
84965	1328	1215	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{77}{243}$	$\Phi_{1215}^{2}\ \Phi_{45}\ \Phi_{15}$
84966	1328	2040	$\frac{1}{17}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
84967	1328	1836	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{459}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
84968	1328	1755	$\frac{19}{351}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{195}\ \Phi_{65}\ \Phi_{45}\ \Phi_{15}$
84969	1328	555	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{9}{37}$	$\frac{28}{111}$	$\Phi_{555}^{4}\ \Phi_{185}\ \Phi_{15}^{4}$
84970	1328	1632	$\frac{1}{17}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
84971	1328	1700	$\frac{1}{17}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{425}\ \Phi_{68}\ \Phi_{34}$
84972	1328	540	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{25}{108}$	$\Phi_{540}^{4}\ \Phi_{270}^{4}\ \Phi_{180}^{4}\ \Phi_{90}^{4}\ \Phi_{60}^{4}\ \Phi_{45}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{15}\ \Phi_{10}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
84973	1328	90	$\frac{7}{90}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{90}^{16}\ \Phi_{45}^{13}\ \Phi_{30}^{16}\ \Phi_{18}^{16}\ \Phi_{15}^{13}\ \Phi_{10}^{16}\ \Phi_{9}^{16}\ \Phi_{6}^{16}\ \Phi_{5}^{12}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
84974	1328	405	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{405}$	$\frac{1}{5}$	$\Phi_{405}^{3}\ \Phi_{135}^{3}\ \Phi_{81}^{4}\ \Phi_{45}^{4}\ \Phi_{27}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
84975	1328	945	$\frac{1}{9}$	$\frac{23}{189}$	$\frac{4}{27}$	$\frac{1}{5}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{105}^{2}\ \Phi_{45}\ \Phi_{35}^{2}\ \Phi_{15}$
84976	1329	1764	$\frac{2}{441}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{439}{882}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{441}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{84}\ \Phi_{63}\ \Phi_{49}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
84977	1329	592	$\frac{1}{148}$	$\frac{1}{4}$	$\frac{149}{592}$	$\frac{147}{296}$	$\Phi_{592}^{3}\ \Phi_{148}^{3}\ \Phi_{74}^{3}\ \Phi_{37}^{3}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
84978	1329	880	$\frac{3}{440}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{437}{880}$	$\Phi_{880}^{3}\ \Phi_{176}^{3}\ \Phi_{80}^{3}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
84979	1329	876	$\frac{5}{438}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{433}{876}$	$\Phi_{876}\ \Phi_{438}^{2}\ \Phi_{292}\ \Phi_{219}^{2}\ \Phi_{146}^{2}\ \Phi_{73}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
84980	1329	2624	$\frac{17}{1312}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{1295}{2624}$	$\Phi_{2624}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
84981	1329	1480	$\frac{3}{148}$	$\frac{151}{1480}$	$\frac{1}{4}$	$\frac{145}{296}$	$\Phi_{1480}\ \Phi_{740}\ \Phi_{370}\ \Phi_{185}\ \Phi_{148}\ \Phi_{74}\ \Phi_{40}\ \Phi_{37}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
84982	1329	864	$\frac{11}{432}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{421}{864}$	$\Phi_{864}^{3}\ \Phi_{288}^{3}\ \Phi_{96}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
84983	1329	864	$\frac{11}{432}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{421}{864}$	$\Phi_{864}^{3}\ \Phi_{288}^{3}\ \Phi_{96}^{3}\ \Phi_{32}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
84984	1329	1792	$\frac{15}{448}$	$\frac{1}{16}$	$\frac{463}{1792}$	$\frac{433}{896}$	$\Phi_{1792}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
84985	1329	2560	$\frac{49}{1280}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1231}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
84986	1329	832	$\frac{1}{16}$	$\frac{27}{416}$	$\frac{5}{32}$	$\frac{389}{832}$	$\Phi_{832}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
84987	1329	512	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{69}{512}$	$\frac{59}{128}$	$\Phi_{512}^{3}\ \Phi_{256}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
84988	1329	2464	$\frac{1}{16}$	$\frac{97}{1232}$	$\frac{15}{112}$	$\frac{1135}{2464}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
84989	1329	456	$\frac{13}{456}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{456}^{3}\ \Phi_{228}^{3}\ \Phi_{152}^{3}\ \Phi_{114}^{3}\ \Phi_{76}^{3}\ \Phi_{57}^{3}\ \Phi_{38}^{3}\ \Phi_{19}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
84990	1329	1628	$\frac{1}{37}$	$\frac{36}{407}$	$\frac{1}{4}$	$\frac{371}{814}$	$\Phi_{1628}\ \Phi_{407}\ \Phi_{148}^{2}\ \Phi_{74}\ \Phi_{44}\ \Phi_{37}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
84991	1329	2368	$\frac{3}{148}$	$\frac{145}{1184}$	$\frac{1}{4}$	$\frac{1039}{2368}$	$\Phi_{2368}\ \Phi_{148}\ \Phi_{74}\ \Phi_{64}\ \Phi_{37}\ \Phi_{1}$
84992	1329	768	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{59}{384}$	$\frac{325}{768}$	$\Phi_{768}^{3}\ \Phi_{256}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
84993	1329	2240	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{209}{1120}$	$\frac{911}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
84994	1329	740	$\frac{1}{74}$	$\frac{73}{370}$	$\frac{1}{4}$	$\frac{297}{740}$	$\Phi_{740}\ \Phi_{370}^{2}\ \Phi_{185}^{2}\ \Phi_{148}^{3}\ \Phi_{74}^{3}\ \Phi_{37}^{3}\ \Phi_{20}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
84995	1329	1408	$\frac{79}{1408}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
84996	1329	448	$\frac{5}{448}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{448}^{3}\ \Phi_{224}^{3}\ \Phi_{112}^{3}\ \Phi_{64}^{3}\ \Phi_{56}^{3}\ \Phi_{32}^{3}\ \Phi_{28}^{3}\ \Phi_{16}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
84997	1329	672	$\frac{5}{112}$	$\frac{1}{16}$	$\frac{107}{336}$	$\frac{229}{672}$	$\Phi_{672}^{3}\ \Phi_{224}^{3}\ \Phi_{112}^{3}\ \Phi_{96}^{3}\ \Phi_{56}^{3}\ \Phi_{32}^{3}\ \Phi_{28}^{3}\ \Phi_{16}^{2}\ \Phi_{14}^{3}\ \Phi_{8}^{2}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
84998	1329	1332	$\frac{1}{111}$	$\frac{1}{4}$	$\frac{110}{333}$	$\frac{223}{666}$	$\Phi_{1332}\ \Phi_{444}^{2}\ \Phi_{333}\ \Phi_{222}\ \Phi_{148}^{2}\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{36}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
84999	1329	664	$\frac{1}{166}$	$\frac{55}{166}$	$\frac{221}{664}$	$\frac{111}{332}$	$\Phi_{664}^{3}\ \Phi_{166}^{2}\ \Phi_{83}^{2}\ \Phi_{8}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
85000	1329	588	$\frac{2}{147}$	$\frac{145}{588}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}^{2}\ \Phi_{294}^{2}\ \Phi_{196}^{2}\ \Phi_{147}^{3}\ \Phi_{98}^{2}\ \Phi_{84}^{2}\ \Phi_{49}^{3}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
85001	1329	900	$\frac{7}{450}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{900}^{2}\ \Phi_{450}\ \Phi_{300}^{2}\ \Phi_{225}\ \Phi_{180}^{2}\ \Phi_{150}\ \Phi_{100}^{2}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}^{2}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
85002	1329	504	$\frac{2}{63}$	$\frac{61}{504}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{504}^{3}\ \Phi_{252}^{2}\ \Phi_{168}^{3}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{72}^{3}\ \Phi_{63}^{3}\ \Phi_{56}^{3}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
85003	1329	924	$\frac{19}{462}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^{2}\ \Phi_{462}\ \Phi_{308}^{2}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}^{2}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{28}\ \Phi_{22}\ \Phi_{21}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
85004	1329	660	$\frac{3}{220}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{217}{660}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{165}^{3}\ \Phi_{132}^{3}\ \Phi_{66}^{3}\ \Phi_{60}^{3}\ \Phi_{33}^{3}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
85005	1329	648	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{205}{648}$	$\Phi_{648}^{3}\ \Phi_{324}^{3}\ \Phi_{162}^{3}\ \Phi_{81}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
85006	1329	576	$\frac{1}{16}$	$\frac{11}{144}$	$\frac{133}{576}$	$\frac{5}{16}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
85007	1329	480	$\frac{1}{16}$	$\frac{37}{480}$	$\frac{11}{48}$	$\frac{5}{16}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_8^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
85008	1329	640	$\frac{1}{16}$	$\frac{49}{640}$	$\frac{15}{64}$	$\frac{197}{640}$	$\Phi_{640}^2\ \Phi_{320}^2\ \Phi_{160}^2\ \Phi_{128}^2\ \Phi_{80}^2\ \Phi_{64}^3\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
85009	1329	576	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{133}{576}$	$\frac{59}{192}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{144}^3\ \Phi_{72}^3\ \Phi_{64}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_9^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
85010	1329	468	$\frac{25}{468}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{156}^3\ \Phi_{117}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
85011	1329	592	$\frac{3}{148}$	$\frac{145}{592}$	$\frac{1}{4}$	$\frac{149}{592}$	$\Phi_{592}^2\ \Phi_{296}^2\ \Phi_{148}^3\ \Phi_{74}^3\ \Phi_{37}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
85012	1329	528	$\frac{3}{88}$	$\frac{85}{528}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{48}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
85013	1329	460	$\frac{17}{460}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{460}^3\ \Phi_{230}^3\ \Phi_{115}^3\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{23}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
85014	1329	484	$\frac{3}{44}$	$\frac{41}{484}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{484}^3\ \Phi_{242}^3\ \Phi_{121}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
85015	1329	480	$\frac{3}{40}$	$\frac{37}{480}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
85016	1329	576	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{133}{576}$	$\frac{1}{4}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
85017	1329	480	$\frac{37}{480}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
85018	1329	540	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{540}$	$\frac{1}{4}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
85019	1329	504	$\frac{1}{12}$	$\frac{61}{504}$	$\frac{11}{72}$	$\frac{1}{4}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
85020	1329	512	$\frac{1}{16}$	$\frac{69}{512}$	$\frac{49}{256}$	$\frac{15}{64}$	$\Phi_{512}^3\ \Phi_{256}^2\ \Phi_{128}^2\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
85021	1329	1600	$\frac{1}{16}$	$\frac{49}{320}$	$\frac{271}{1600}$	$\frac{15}{64}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_1$
85022	1330	1326	$\frac{2}{663}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{661}{1326}$	$\Phi_{1326}^2\ \Phi_{442}^2\ \Phi_{102}^2\ \Phi_{78}^2\ \Phi_{34}^2\ \Phi_{26}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85023	1330	2120	$\frac{1}{265}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{132}{265}$	$\Phi_{2120}\ \Phi_{424}\ \Phi_{265}\ \Phi_{53}\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
85024	1330	888	$\frac{1}{222}$	$\frac{223}{888}$	$\frac{1}{3}$	$\frac{221}{444}$	$\Phi_{888}^2\ \Phi_{296}^2\ \Phi_{222}^2\ \Phi_{111}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85025	1330	756	$\frac{1}{189}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{94}{189}$	$\Phi_{756}^3\ \Phi_{252}^3\ \Phi_{189}\ \Phi_{108}^3\ \Phi_{84}^3\ \Phi_{63}\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{27}\ \Phi_{21}\ \Phi_{12}^4\ \Phi_9\ \Phi_7\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
85026	1330	189	$\frac{1}{189}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{94}{189}$	$\Phi_{189}^7\ \Phi_{63}^7\ \Phi_{27}^7\ \Phi_{21}^7\ \Phi_9^8\ \Phi_7^7\ \Phi_3^7\ \Phi_1^8$
85027	1330	792	$\frac{1}{132}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{131}{264}$	$\Phi_{792}^3\ \Phi_{264}^4\ \Phi_{88}^4\ \Phi_{72}^3\ \Phi_{24}^4\ \Phi_9\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
85028	1330	264	$\frac{1}{132}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{131}{264}$	$\Phi_{264}^{10}\ \Phi_{88}^{10}\ \Phi_{24}^{10}\ \Phi_8^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85029	1330	2444	$\frac{1}{94}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{93}{188}$	$\Phi_{2444}\ \Phi_{188}^2\ \Phi_{52}\ \Phi_{13}\ \Phi_4^2\ \Phi_1^2$
85030	1330	1128	$\frac{1}{94}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{93}{188}$	$\Phi_{1128}^2\ \Phi_{564}\ \Phi_{282}^2\ \Phi_{141}^2\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
85031	1330	534	$\frac{1}{89}$	$\frac{1}{6}$	$\frac{45}{178}$	$\frac{44}{89}$	$\Phi_{534}^3\ \Phi_{267}^3\ \Phi_{178}\ \Phi_{89}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
85032	1330	1314	$\frac{8}{657}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{649}{1314}$	$\Phi_{1314}^2\ \Phi_{438}^2\ \Phi_{146}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85033	1330	444	$\frac{1}{74}$	$\frac{15}{148}$	$\frac{1}{3}$	$\frac{73}{148}$	$\Phi_{444}^4\ \Phi_{222}^5\ \Phi_{111}^5\ \Phi_{12}^4\ \Phi_6^5\ \Phi_3^4$
85034	1330	828	$\frac{1}{69}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{34}{69}$	$\Phi_{828}^3\ \Phi_{276}^3\ \Phi_{92}^3\ \Phi_{69}\ \Phi_{36}^4\ \Phi_{23}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
85035	1330	483	$\frac{1}{69}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{34}{69}$	$\Phi_{483}^3\ \Phi_{161}^3\ \Phi_{69}\ \Phi_{23}\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
85036	1330	621	$\frac{1}{69}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{34}{69}$	$\Phi_{621}^3\ \Phi_{69}\ \Phi_{27}^4\ \Phi_{23}\ \Phi_3\ \Phi_1^2$
85037	1330	552	$\frac{1}{69}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{34}{69}$	$\Phi_{552}^3\ \Phi_{276}^3\ \Phi_{184}^3\ \Phi_{92}^3\ \Phi_{69}\ \Phi_{24}^4\ \Phi_{23}\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
85038	1330	930	$\frac{2}{93}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{91}{186}$	$\Phi_{930}^3\ \Phi_{310}^3\ \Phi_{186}^2\ \Phi_{62}^2\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85039	1330	1296	$\frac{17}{648}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{631}{1296}$	$\Phi_{1296}^2\ \Phi_{432}^2\ \Phi_{144}^2\ \Phi_{48}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85040	1330	2516	$\frac{1}{37}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{18}{37}$	$\Phi_{2516}\ \Phi_{148}\ \Phi_{68}^2\ \Phi_{37}\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
85041	1330	1887	$\frac{1}{37}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{18}{37}$	$\Phi_{1887}\ \Phi_{111}\ \Phi_{51}^2\ \Phi_{37}\ \Phi_3^2\ \Phi_1^2$
85042	1330	629	$\frac{1}{37}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{18}{37}$	$\Phi_{629}^2\ \Phi_{37}^3\ \Phi_{17}^4\ \Phi_1^6$
85043	1330	888	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{18}{37}$	$\Phi_{888}^2\ \Phi_{444}^2\ \Phi_{296}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{37}\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
85044	1330	1020	$\frac{1}{34}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{255}^2\ \Phi_{204}\ \Phi_{102}^2\ \Phi_{60}^3\ \Phi_{51}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
85045	1330	1920	$\frac{1}{32}$	$\frac{1}{15}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
85046	1330	2760	$\frac{3}{92}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{89}{184}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
85047	1330	443	$\frac{19}{443}$	$\frac{33}{443}$	$\frac{82}{443}$	$\frac{212}{443}$	$\Phi_{443}^3\ \Phi_1^4$
85048	1330	1329	$\frac{61}{1329}$	$\frac{139}{1329}$	$\frac{170}{1329}$	$\frac{634}{1329}$	$\Phi_{1329}\ \Phi_{443}\ \Phi_3\ \Phi_1^2$
85049	1330	1528	$\frac{9}{191}$	$\frac{20}{191}$	$\frac{1}{8}$	$\frac{91}{191}$	$\Phi_{1528}\ \Phi_{764}\ \Phi_{382}$
85050	1330	534	$\frac{13}{267}$	$\frac{20}{267}$	$\frac{1}{6}$	$\frac{127}{267}$	$\Phi_{534}^3\ \Phi_{267}^2\ \Phi_{178}^3\ \Phi_{89}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85051	1330	36	$\frac{1}{36}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{36}^{36}\ \Phi_{18}^{38}\ \Phi_{12}^{36}\ \Phi_9^{38}\ \Phi_6^{38}\ \Phi_4^{36}\ \Phi_3^{37}\ \Phi_2^{38}\ \Phi_1^{38}$
85052	1330	828	$\frac{1}{23}$	$\frac{1}{18}$	$\frac{11}{46}$	$\frac{17}{36}$	$\Phi_{828}^3\ \Phi_{276}^3\ \Phi_{92}^3\ \Phi_{46}^2\ \Phi_{36}^4\ \Phi_{23}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
85053	1330	828	$\frac{1}{18}$	$\frac{4}{69}$	$\frac{13}{69}$	$\frac{17}{36}$	$\Phi_{828}^3\ \Phi_{276}^3\ \Phi_{92}^3\ \Phi_{69}\ \Phi_{36}^4\ \Phi_{23}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
85054	1330	180	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{180}^{15}\ \Phi_{60}^{15}\ \Phi_{36}^{10}\ \Phi_{30}^3\ \Phi_{20}^{15}\ \Phi_{15}^2\ \Phi_{12}^{10}\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85055	1330	828	$\frac{1}{18}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{17}{36}$	$\Phi_{828}^3\ \Phi_{276}^3\ \Phi_{92}^3\ \Phi_{36}^4\ \Phi_{23}^3\ \Phi_{12}^4\ \Phi_4^4\ \Phi_1^4$
85056	1330	792	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{17}{36}$	$\Phi_{792}^2\ \Phi_{396}\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{99}^2\ \Phi_{88}^3\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{11}^2$
85057	1330	3774	$\frac{1}{37}$	$\frac{36}{629}$	$\frac{1}{3}$	$\frac{593}{1258}$	$\Phi_{3774}\ \Phi_{222}\ \Phi_{111}\ \Phi_{102}\ \Phi_6$
85058	1330	858	$\frac{1}{39}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{858}^3\ \Phi_{286}^3\ \Phi_{78}^3\ \Phi_{66}^2\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{22}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85059	1330	1833	$\frac{1}{47}$	$\frac{1}{13}$	$\frac{46}{141}$	$\frac{6}{13}$	$\Phi_{1833}\ \Phi_{141}^2\ \Phi_{39}\ \Phi_{13}\ \Phi_3^2\ \Phi_1^2$
85060	1330	468	$\frac{1}{36}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{156}^3\ \Phi_{117}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{36}^2\ \Phi_{26}\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
85061	1330	611	$\frac{2}{47}$	$\frac{1}{13}$	$\frac{9}{47}$	$\frac{6}{13}$	$\Phi_{611}^2\ \Phi_{47}^4\ \Phi_{13}^3\ \Phi_1^6$
85062	1330	780	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}^4\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}^4\ \Phi_{20}^2\ \Phi_{15}^4\ \Phi_{13}\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
85063	1330	2640	$\frac{1}{15}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{81}{176}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
85064	1330	624	$\frac{1}{39}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{624}^3\ \Phi_{208}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{48}^2\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85065	1330	1221	$\frac{2}{111}$	$\frac{109}{1221}$	$\frac{1}{3}$	$\frac{556}{1221}$	$\Phi_{1221}\ \Phi_{407}\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
85066	1330	2496	$\frac{1}{39}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{192}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}\ \Phi_{12}\ \Phi_6$
85067	1330	135	$\frac{2}{135}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{135}^{10}\ \Phi_{45}^{10}\ \Phi_{27}^{10}\ \Phi_{15}^{10}\ \Phi_9^8\ \Phi_5^{10}\ \Phi_3^7\ \Phi_1^8$
85068	1330	198	$\frac{1}{66}$	$\frac{1}{9}$	$\frac{65}{198}$	$\frac{4}{9}$	$\Phi_{198}^7\ \Phi_{99}^7\ \Phi_{66}^6\ \Phi_{33}^6\ \Phi_{22}^6\ \Phi_{18}^7\ \Phi_{11}^6\ \Phi_9^8\ \Phi_6^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
85069	1330	1224	$\frac{3}{136}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{136}^2\ \Phi_{102}\ \Phi_{72}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{24}\ \Phi_{17}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
85070	1330	1584	$\frac{1}{44}$	$\frac{1}{9}$	$\frac{43}{176}$	$\frac{4}{9}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}^2\ \Phi_{144}\ \Phi_{88}^2\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
85071	1330	495	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{32}{165}$	$\frac{4}{9}$	$\Phi_{495}^3\ \Phi_{165}^4\ \Phi_{55}^4\ \Phi_{45}^3\ \Phi_{15}^4\ \Phi_9\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
85072	1330	414	$\frac{5}{138}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{414}^3\ \Phi_{207}^3\ \Phi_{138}^4\ \Phi_{69}^4\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
85073	1330	198	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{3}{22}$	$\frac{4}{9}$	$\Phi_{198}^6\ \Phi_{99}^6\ \Phi_{66}^6\ \Phi_{33}^6\ \Phi_{22}^{12}\ \Phi_{18}^6\ \Phi_{11}^{12}\ \Phi_9^7\ \Phi_6^6\ \Phi_3^7\ \Phi_2^{12}\ \Phi_1^{14}$
85074	1330	360	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{360}^4\ \Phi_{180}^3\ \Phi_{120}^4\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^8\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^6\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^6\ \Phi_9^3\ \Phi_8^6\ \Phi_6^2\ \Phi_5^6\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
85075	1330	1287	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}^2\ \Phi_{117}\ \Phi_{39}\ \Phi_{13}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
85076	1330	144	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{144}^{10}\ \Phi_{72}^{10}\ \Phi_{48}^{10}\ \Phi_{36}^{7}\ \Phi_{24}^{10}\ \Phi_{18}^{7}\ \Phi_{16}^{10}\ \Phi_{12}^{6}\ \Phi_9^8\ \Phi_8^{10}\ \Phi_6^6\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
85077	1330	443	$\frac{13}{443}$	$\frac{51}{443}$	$\frac{86}{443}$	$\frac{196}{443}$	$\Phi_{443}^3\ \Phi_1^4$
85078	1330	3552	$\frac{1}{74}$	$\frac{73}{592}$	$\frac{1}{3}$	$\frac{519}{1184}$	$\Phi_{3552}\ \Phi_{222}\ \Phi_{111}\ \Phi_{96}\ \Phi_6$
85079	1330	1420	$\frac{1}{20}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{31}{71}$	$\Phi_{1420}\ \Phi_{710}\ \Phi_{355}\ \Phi_{284}\ \Phi_{142}$
85080	1330	840	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{168}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{168}^2\ \Phi_{120}^3\ \Phi_{60}^3\ \Phi_{56}^2\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85081	1330	1329	$\frac{62}{1329}$	$\frac{151}{1329}$	$\frac{181}{1329}$	$\frac{574}{1329}$	$\Phi_{1329}\ \Phi_{443}\ \Phi_3\ \Phi_1^2$
85082	1330	534	$\frac{8}{267}$	$\frac{37}{267}$	$\frac{1}{6}$	$\frac{115}{267}$	$\Phi_{534}^3\ \Phi_{267}^2\ \Phi_{178}^3\ \Phi_{89}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85083	1330	96	$\frac{1}{96}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{96}^{14}\ \Phi_{48}^{14}\ \Phi_{32}^{14}\ \Phi_{24}^{14}\ \Phi_{16}^{14}\ \Phi_{12}^{12}\ \Phi_8^{14}\ \Phi_6^{14}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
85084	1330	252	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{31}{126}$	$\frac{5}{12}$	$\Phi_{252}^9\ \Phi_{126}^2\ \Phi_{84}^9\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{36}^9\ \Phi_{28}^9\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^{10}\ \Phi_9\ \Phi_7\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85085	1330	756	$\frac{4}{189}$	$\frac{1}{6}$	$\frac{37}{189}$	$\frac{5}{12}$	$\Phi_{756}^3\ \Phi_{252}^3\ \Phi_{189}\ \Phi_{108}^3\ \Phi_{84}^3\ \Phi_{63}\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{27}\ \Phi_{21}\ \Phi_{12}^4\ \Phi_9\ \Phi_7\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
85086	1330	156	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{156}^{15}\ \Phi_{78}^3\ \Phi_{52}^{15}\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{13}^2\ \Phi_{12}^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85087	1330	588	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{588}^4\ \Phi_{196}^4\ \Phi_{98}^2\ \Phi_{84}^3\ \Phi_{49}^2\ \Phi_{28}^3\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_7\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
85088	1330	108	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{108}^{11}\ \Phi_{54}^{14}\ \Phi_{36}^{11}\ \Phi_{27}^{13}\ \Phi_{18}^{14}\ \Phi_{12}^{12}\ \Phi_9^{13}\ \Phi_6^{14}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
85089	1330	396	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{396}^6\ \Phi_{132}^6\ \Phi_{99}^2\ \Phi_{44}^6\ \Phi_{36}^3\ \Phi_{33}^2\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_9\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
85090	1330	84	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{84}^{27}\ \Phi_{28}^{27}\ \Phi_{21}^9\ \Phi_{12}^{28}\ \Phi_7^9\ \Phi_4^{28}\ \Phi_3^9\ \Phi_1^{10}$
85091	1330	660	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^3\ \Phi_{165}^2\ \Phi_{132}\ \Phi_{110}^3\ \Phi_{66}^2\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{11}^2$
85092	1330	1329	$\frac{41}{1329}$	$\frac{184}{1329}$	$\frac{229}{1329}$	$\frac{550}{1329}$	$\Phi_{1329}\ \Phi_{443}\ \Phi_3\ \Phi_1^2$
85093	1330	1420	$\frac{1}{20}$	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{29}{71}$	$\Phi_{1420}\ \Phi_{710}\ \Phi_{355}\ \Phi_{284}\ \Phi_{142}$
85094	1330	2272	$\frac{1}{71}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{2272}\ \Phi_{284}\ \Phi_{142}$
85095	1330	480	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{480}^5\ \Phi_{240}\ \Phi_{160}^5\ \Phi_{120}\ \Phi_{96}^5\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
85096	1330	1329	$\frac{64}{1329}$	$\frac{113}{1329}$	$\frac{253}{1329}$	$\frac{538}{1329}$	$\Phi_{1329}\ \Phi_{443}\ \Phi_3\ \Phi_1^2$
85097	1330	1528	$\frac{6}{191}$	$\frac{1}{8}$	$\frac{37}{191}$	$\frac{77}{191}$	$\Phi_{1528}\ \Phi_{764}\ \Phi_{382}$
85098	1330	222	$\frac{1}{111}$	$\frac{22}{111}$	$\frac{1}{3}$	$\frac{89}{222}$	$\Phi_{222}^{10}\ \Phi_{111}^2\ \Phi_{74}^{10}\ \Phi_{37}^2\ \Phi_6^{10}\ \Phi_3\ \Phi_2^{10}\ \Phi_1^2$
85099	1330	480	$\frac{1}{96}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^2\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^2\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
85100	1330	1608	$\frac{1}{134}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1608}^2\ \Phi_{402}\ \Phi_{201}\ \Phi_{24}\ \Phi_6$
85101	1330	1704	$\frac{1}{71}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{426}\ \Phi_{284}\ \Phi_{213}\ \Phi_{142}$
85102	1330	1080	$\frac{2}{135}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{40}\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
85103	1330	1272	$\frac{1}{53}$	$\frac{26}{159}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1272}^2\ \Phi_{424}\ \Phi_{159}^2\ \Phi_{53}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_3^2\ \Phi_1^2$
85104	1330	2120	$\frac{6}{265}$	$\frac{37}{265}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2120}\ \Phi_{424}\ \Phi_{265}\ \Phi_{53}\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
85105	1330	312	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^4\ \Phi_{156}^5\ \Phi_{104}^4\ \Phi_{78}^5\ \Phi_{52}^5\ \Phi_{39}^4\ \Phi_{26}^5\ \Phi_{24}^4\ \Phi_{13}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
85106	1330	2120	$\frac{13}{265}$	$\frac{18}{265}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2120}\ \Phi_{424}\ \Phi_{265}\ \Phi_{53}\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
85107	1330	120	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^{19}\ \Phi_{60}^5\ \Phi_{40}^{15}\ \Phi_{30}^5\ \Phi_{24}^{19}\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_8^{16}\ \Phi_6^5\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
85108	1330	2130	$\frac{1}{71}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{2130}\ \Phi_{710}\ \Phi_{426}\ \Phi_{355}\ \Phi_{142}$
85109	1330	702	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{702}^3\ \Phi_{234}^3\ \Phi_{117}^3\ \Phi_{78}^3\ \Phi_{54}^2\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
85110	1330	720	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{23}{72}$	$\frac{49}{144}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{144}^2\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^2\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85111	1330	999	$\frac{2}{333}$	$\frac{331}{999}$	$\frac{1}{3}$	$\frac{334}{999}$	$\Phi_{999}\ \Phi_{333}^2\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_{27}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
85112	1330	288	$\frac{1}{96}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{288}^6\ \Phi_{144}^6\ \Phi_{96}^2\ \Phi_{72}^6\ \Phi_{48}^2\ \Phi_{36}^6\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{18}^6\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^4\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85113	1330	270	$\frac{2}{135}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{270}^6\ \Phi_{135}^4\ \Phi_{90}^6\ \Phi_{54}^6\ \Phi_{45}^4\ \Phi_{30}^6\ \Phi_{27}^4\ \Phi_{18}^6\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_9^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85114	1330	252	$\frac{1}{36}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^6\ \Phi_{63}^6\ \Phi_{42}^6\ \Phi_{36}^2\ \Phi_{28}^6\ \Phi_{21}^4\ \Phi_{18}^2\ \Phi_{14}^6\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85115	1330	102	$\frac{2}{51}$	$\frac{7}{102}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{102}^{14}\ \Phi_{51}^{12}\ \Phi_{34}^{14}\ \Phi_{17}^{12}\ \Phi_6^{14}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
85116	1330	702	$\frac{2}{39}$	$\frac{37}{702}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85117	1330	198	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{65}{198}$	$\frac{1}{3}$	$\Phi_{198}^{10}\ \Phi_{99}^{10}\ \Phi_{18}^{10}\ \Phi_9^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85118	1330	1128	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{46}{141}$	$\frac{1}{3}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{376}^2\ \Phi_{282}\ \Phi_{188}^2\ \Phi_{94}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
85119	1330	972	$\frac{17}{324}$	$\frac{1}{18}$	$\frac{307}{972}$	$\frac{1}{3}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{243}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85120	1330	702	$\frac{37}{702}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85121	1330	1020	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}^2\ \Phi_{102}\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
85122	1330	108	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{108}^{18}\ \Phi_{54}^{18}\ \Phi_{36}^2\ \Phi_{27}^{16}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85123	1330	135	$\frac{2}{135}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{135}^{10}\ \Phi_{45}^{10}\ \Phi_{27}^9\ \Phi_{15}^{10}\ \Phi_9^{10}\ \Phi_5^{10}\ \Phi_3^9\ \Phi_1^{10}$
85124	1330	888	$\frac{1}{74}$	$\frac{73}{296}$	$\frac{223}{888}$	$\frac{1}{3}$	$\Phi_{888}\ \Phi_{444}\ \Phi_{296}^2\ \Phi_{222}^2\ \Phi_{148}^2\ \Phi_{111}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85125	1330	408	$\frac{3}{136}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{408}^3\ \Phi_{204}^3\ \Phi_{136}^4\ \Phi_{102}^3\ \Phi_{68}^4\ \Phi_{51}^3\ \Phi_{34}^4\ \Phi_{24}^3\ \Phi_{17}^4\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85126	1330	126	$\frac{1}{63}$	$\frac{2}{9}$	$\frac{31}{126}$	$\frac{1}{3}$	$\Phi_{126}^{14}\ \Phi_{63}^7\ \Phi_{42}^{14}\ \Phi_{21}^7\ \Phi_{18}^{14}\ \Phi_{14}^{14}\ \Phi_9^8\ \Phi_7^7\ \Phi_6^{14}\ \Phi_3^7\ \Phi_2^{14}\ \Phi_1^8$
85127	1330	528	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{43}{176}$	$\frac{1}{3}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^4\ \Phi_{88}^4\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^4\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85128	1330	966	$\frac{1}{23}$	$\frac{2}{21}$	$\frac{11}{46}$	$\frac{1}{3}$	$\Phi_{966}^2\ \Phi_{483}\ \Phi_{322}^2\ \Phi_{161}\ \Phi_{46}^2\ \Phi_{42}^2\ \Phi_{23}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_2^2\ \Phi_1^2$
85129	1330	144	$\frac{1}{18}$	$\frac{11}{144}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{144}^{10}\ \Phi_{72}^8\ \Phi_{48}^{10}\ \Phi_{36}^8\ \Phi_{24}^8\ \Phi_{18}^{10}\ \Phi_{16}^{10}\ \Phi_{12}^8\ \Phi_9^{10}\ \Phi_8^8\ \Phi_6^{10}\ \Phi_4^8\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
85130	1330	864	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{199}{864}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85131	1330	189	$\frac{4}{189}$	$\frac{37}{189}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{189}^7\ \Phi_{63}^7\ \Phi_{27}^7\ \Phi_{21}^7\ \Phi_9^8\ \Phi_7^7\ \Phi_3^7\ \Phi_1^8$
85132	1330	234	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{234}^9\ \Phi_{117}^6\ \Phi_{78}^3\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{18}^6\ \Phi_{13}^2\ \Phi_9^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85133	1330	180	$\frac{1}{36}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^9\ \Phi_{90}^9\ \Phi_{60}^9\ \Phi_{45}^8\ \Phi_{36}^2\ \Phi_{30}^9\ \Phi_{20}^9\ \Phi_{18}^2\ \Phi_{15}^8\ \Phi_{12}^2\ \Phi_{10}^9\ \Phi_9^2\ \Phi_6^2\ \Phi_5^8\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85134	1330	882	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{126}^2\ \Phi_{98}^2\ \Phi_{63}\ \Phi_{49}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
85135	1330	108	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{108}^{14}\ \Phi_{54}^{14}\ \Phi_{36}^{14}\ \Phi_{27}^7\ \Phi_{18}^{14}\ \Phi_{12}^{14}\ \Phi_9^8\ \Phi_6^{14}\ \Phi_4^{14}\ \Phi_3^7\ \Phi_2^{14}\ \Phi_1^8$
85136	1330	99	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{99}^{14}\ \Phi_{33}^{14}\ \Phi_{11}^{14}\ \Phi_9^8\ \Phi_3^7\ \Phi_1^8$
85137	1330	63	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{63}^{27}\ \Phi_{21}^9\ \Phi_9^{28}\ \Phi_7^9\ \Phi_3^9\ \Phi_1^{10}$
85138	1330	1980	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{198}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
85139	1330	72	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{72}^{24}\ \Phi_{36}^{14}\ \Phi_{24}^{22}\ \Phi_{18}^{14}\ \Phi_{12}^{12}\ \Phi_9^{14}\ \Phi_8^{22}\ \Phi_6^{14}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
85140	1330	330	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{32}{165}$	$\frac{1}{3}$	$\Phi_{330}^6\ \Phi_{165}^4\ \Phi_{110}^6\ \Phi_{55}^4\ \Phi_{30}^6\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85141	1330	1128	$\frac{2}{47}$	$\frac{1}{8}$	$\frac{9}{47}$	$\frac{1}{3}$	$\Phi_{1128}^2\ \Phi_{564}^2\ \Phi_{282}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3$
85142	1330	666	$\frac{31}{666}$	$\frac{77}{666}$	$\frac{127}{666}$	$\frac{1}{3}$	$\Phi_{666}^2\ \Phi_{333}^2\ \Phi_{222}^2\ \Phi_{111}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85143	1330	444	$\frac{2}{37}$	$\frac{15}{148}$	$\frac{7}{37}$	$\frac{1}{3}$	$\Phi_{444}^5\ \Phi_{222}^5\ \Phi_{111}^3\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
85144	1330	483	$\frac{4}{69}$	$\frac{2}{21}$	$\frac{13}{69}$	$\frac{1}{3}$	$\Phi_{483}^{3}\,\Phi_{161}^{3}\,\Phi_{69}\,\Phi_{23}\,\Phi_{21}^{4}\,\Phi_{7}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
85145	1330	162	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{29}{162}$	$\frac{1}{3}$	$\Phi_{162}^{8}\,\Phi_{81}^{8}\,\Phi_{54}^{8}\,\Phi_{27}^{8}\,\Phi_{18}^{10}\,\Phi_{9}^{10}\,\Phi_{6}^{10}\,\Phi_{3}^{9}\,\Phi_{2}^{10}\,\Phi_{1}^{10}$
85146	1330	1020	$\frac{1}{20}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{1020}^{2}\,\Phi_{510}^{2}\,\Phi_{255}^{2}\,\Phi_{204}^{2}\,\Phi_{102}^{2}\,\Phi_{60}^{3}\,\Phi_{30}^{3}\,\Phi_{15}^{3}\,\Phi_{12}^{3}\,\Phi_{6}^{3}$
85147	1330	666	$\frac{29}{666}$	$\frac{91}{666}$	$\frac{115}{666}$	$\frac{1}{3}$	$\Phi_{666}^{2}\,\Phi_{333}^{2}\,\Phi_{222}^{2}\,\Phi_{111}^{2}\,\Phi_{74}^{2}\,\Phi_{37}^{2}\,\Phi_{18}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
85148	1330	138	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{138}^{10}\,\Phi_{69}^{10}\,\Phi_{46}^{10}\,\Phi_{23}^{10}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
85149	1330	792	$\frac{5}{132}$	$\frac{127}{792}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{792}^{2}\,\Phi_{396}^{2}\,\Phi_{264}^{2}\,\Phi_{198}^{2}\,\Phi_{99}^{2}\,\Phi_{88}^{2}\,\Phi_{72}^{2}\,\Phi_{36}^{2}\,\Phi_{24}^{2}\,\Phi_{18}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
85150	1330	66	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{66}^{18}\,\Phi_{33}^{18}\,\Phi_{22}^{24}\,\Phi_{11}^{24}\,\Phi_{6}^{20}\,\Phi_{3}^{19}\,\Phi_{2}^{26}\,\Phi_{1}^{26}$
85151	1330	120	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{120}^{12}\,\Phi_{60}^{9}\,\Phi_{40}^{16}\,\Phi_{30}^{9}\,\Phi_{24}^{9}\,\Phi_{20}^{12}\,\Phi_{15}^{9}\,\Phi_{12}^{6}\,\Phi_{10}^{12}\,\Phi_{8}^{12}\,\Phi_{6}^{8}\,\Phi_{5}^{12}\,\Phi_{4}^{8}\,\Phi_{3}^{7}\,\Phi_{2}^{10}\,\Phi_{1}^{10}$
85152	1330	594	$\frac{2}{33}$	$\frac{31}{297}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{594}^{3}\,\Phi_{297}^{2}\,\Phi_{198}^{3}\,\Phi_{99}^{2}\,\Phi_{54}^{3}\,\Phi_{27}^{2}\,\Phi_{18}^{3}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
85153	1330	210	$\frac{1}{15}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{210}^{9}\,\Phi_{105}^{6}\,\Phi_{70}^{9}\,\Phi_{42}^{6}\,\Phi_{35}^{6}\,\Phi_{30}^{3}\,\Phi_{21}^{4}\,\Phi_{15}^{2}\,\Phi_{14}^{6}\,\Phi_{10}^{3}\,\Phi_{7}^{4}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
85154	1330	858	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{858}^{2}\,\Phi_{429}\,\Phi_{286}^{2}\,\Phi_{143}^{2}\,\Phi_{78}^{2}\,\Phi_{39}\,\Phi_{26}^{2}\,\Phi_{13}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
85155	1330	726	$\frac{5}{66}$	$\frac{61}{726}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{726}^{2}\,\Phi_{363}^{2}\,\Phi_{242}^{2}\,\Phi_{121}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
85156	1330	144	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{144}^{10}\,\Phi_{72}^{10}\,\Phi_{48}^{10}\,\Phi_{36}^{10}\,\Phi_{24}^{10}\,\Phi_{18}^{10}\,\Phi_{16}^{10}\,\Phi_{9}^{10}\,\Phi_{8}^{10}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
85157	1330	108	$\frac{1}{18}$	$\frac{13}{108}$	$\frac{17}{108}$	$\frac{1}{3}$	$\Phi_{108}^{12}\,\Phi_{54}^{12}\,\Phi_{36}^{12}\,\Phi_{27}^{12}\,\Phi_{18}^{14}\,\Phi_{12}^{12}\,\Phi_{9}^{14}\,\Phi_{6}^{14}\,\Phi_{4}^{12}\,\Phi_{3}^{13}\,\Phi_{2}^{14}\,\Phi_{1}^{14}$
85158	1330	111	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{16}{111}$	$\frac{1}{3}$	$\Phi_{111}^{11}\,\Phi_{37}^{14}\,\Phi_{3}^{10}\,\Phi_{1}^{14}$
85159	1330	483	$\frac{2}{23}$	$\frac{2}{21}$	$\frac{3}{23}$	$\frac{1}{3}$	$\Phi_{483}^{3}\,\Phi_{161}^{3}\,\Phi_{23}^{3}\,\Phi_{21}^{4}\,\Phi_{7}^{4}\,\Phi_{1}^{4}$
85160	1330	1848	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1848}\,\Phi_{924}\,\Phi_{616}\,\Phi_{462}\,\Phi_{308}\,\Phi_{154}\,\Phi_{88}\,\Phi_{44}\,\Phi_{22}$
85161	1330	1242	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{11}{46}$	$\frac{8}{27}$	$\Phi_{1242}^{2}\,\Phi_{621}\,\Phi_{54}^{2}\,\Phi_{46}^{2}\,\Phi_{27}^{2}\,\Phi_{23}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
85162	1330	621	$\frac{4}{69}$	$\frac{1}{9}$	$\frac{13}{69}$	$\frac{8}{27}$	$\Phi_{621}^{3}\,\Phi_{69}\,\Phi_{27}^{4}\,\Phi_{23}\,\Phi_{3}\,\Phi_{1}^{2}$
85163	1330	270	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{270}^{9}\,\Phi_{135}^{6}\,\Phi_{54}^{6}\,\Phi_{30}^{3}\,\Phi_{27}^{4}\,\Phi_{15}^{2}\,\Phi_{10}^{3}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
85164	1330	621	$\frac{2}{23}$	$\frac{1}{9}$	$\frac{3}{23}$	$\frac{8}{27}$	$\Phi_{621}^{3}\,\Phi_{27}^{4}\,\Phi_{23}^{3}\,\Phi_{1}^{4}$
85165	1330	2376	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{27}$	$\Phi_{2376}\,\Phi_{1188}\,\Phi_{594}\,\Phi_{88}\,\Phi_{44}\,\Phi_{22}$
85166	1330	540	$\frac{1}{15}$	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{540}^{3}\,\Phi_{270}^{3}\,\Phi_{180}^{3}\,\Phi_{135}^{3}\,\Phi_{108}^{2}\,\Phi_{60}^{3}\,\Phi_{54}^{2}\,\Phi_{36}^{2}\,\Phi_{30}^{3}\,\Phi_{27}^{2}\,\Phi_{20}^{3}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{10}^{3}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
85167	1330	624	$\frac{1}{39}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{624}^{2}\,\Phi_{312}^{2}\,\Phi_{208}^{2}\,\Phi_{156}^{3}\,\Phi_{104}^{2}\,\Phi_{78}^{3}\,\Phi_{52}^{3}\,\Phi_{48}\,\Phi_{39}^{2}\,\Phi_{26}^{3}\,\Phi_{24}\,\Phi_{16}^{2}\,\Phi_{13}^{2}\,\Phi_{12}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
85168	1330	172	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{39}{172}$	$\frac{1}{4}$	$\Phi_{172}^{7}\,\Phi_{86}^{7}\,\Phi_{43}^{10}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{10}$
85169	1330	552	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{11}{46}$	$\Phi_{552}^{3}\,\Phi_{276}^{3}\,\Phi_{184}^{3}\,\Phi_{92}^{3}\,\Phi_{46}^{2}\,\Phi_{24}^{4}\,\Phi_{23}\,\Phi_{12}^{4}\,\Phi_{8}^{4}\,\Phi_{4}^{4}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
85170	1330	552	$\frac{4}{69}$	$\frac{1}{6}$	$\frac{13}{69}$	$\frac{5}{24}$	$\Phi_{552}^{3}\,\Phi_{276}^{3}\,\Phi_{184}^{3}\,\Phi_{92}^{3}\,\Phi_{69}\,\Phi_{24}^{4}\,\Phi_{23}\,\Phi_{12}^{4}\,\Phi_{8}^{4}\,\Phi_{4}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
85171	1330	120	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{120}^{15}\,\Phi_{60}^{15}\,\Phi_{40}^{15}\,\Phi_{30}^{3}\,\Phi_{24}^{10}\,\Phi_{20}^{15}\,\Phi_{15}^{2}\,\Phi_{12}^{10}\,\Phi_{10}^{3}\,\Phi_{8}^{10}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{10}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
85172	1330	552	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{552}^{3}\,\Phi_{276}^{3}\,\Phi_{184}^{3}\,\Phi_{92}^{3}\,\Phi_{24}^{4}\,\Phi_{23}^{3}\,\Phi_{12}^{4}\,\Phi_{8}^{4}\,\Phi_{4}^{4}\,\Phi_{1}^{4}$
85173	1330	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{264}^{5}\,\Phi_{132}^{5}\,\Phi_{88}^{6}\,\Phi_{66}^{6}\,\Phi_{44}^{6}\,\Phi_{33}^{6}\,\Phi_{22}^{7}\,\Phi_{11}^{6}$
85174	1330	145	$\frac{12}{145}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{5}$	$\Phi_{145}^{9}\,\Phi_{29}^{10}\,\Phi_{5}^{8}\,\Phi_{1}^{10}$
85175	1331	2128	$\frac{1}{266}$	$\frac{267}{1064}$	$\frac{797}{2128}$	$\frac{265}{532}$	$\Phi_{2128}\,\Phi_{532}\,\Phi_{304}\,\Phi_{112}\,\Phi_{76}\,\Phi_{28}\,\Phi_{16}\,\Phi_{4}\,\Phi_{1}$
85176	1331	2280	$\frac{1}{190}$	$\frac{191}{1140}$	$\frac{949}{2280}$	$\frac{189}{380}$	$\Phi_{2280}\,\Phi_{760}\,\Phi_{456}\,\Phi_{380}\,\Phi_{152}\,\Phi_{120}\,\Phi_{76}\,\Phi_{40}\,\Phi_{24}\,\Phi_{20}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
85177	1331	240	$\frac{1}{120}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{119}{240}$	$\Phi_{240}^{11}\,\Phi_{80}^{11}\,\Phi_{48}^{11}\,\Phi_{20}\,\Phi_{16}^{11}\,\Phi_{4}\,\Phi_{1}$
85178	1331	240	$\frac{1}{120}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{119}{240}$	$\Phi_{240}^{11}\,\Phi_{80}^{11}\,\Phi_{48}^{11}\,\Phi_{16}^{11}\,\Phi_{15}\,\Phi_{3}\,\Phi_{1}$
85179	1331	1780	$\frac{4}{445}$	$\frac{1}{5}$	$\frac{449}{1780}$	$\frac{441}{890}$	$\Phi_{1780}\,\Phi_{445}\,\Phi_{356}\,\Phi_{89}\,\Phi_{20}\,\Phi_{4}\,\Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
85180	1331	2632	$\frac{15}{1316}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{1301}{2632}$	$\Phi_{2632}\ \Phi_{376}\ \Phi_{56}\ \Phi_{28}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
85181	1331	2520	$\frac{1}{70}$	$\frac{71}{1260}$	$\frac{1189}{2520}$	$\frac{69}{140}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{72}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
85182	1331	1680	$\frac{1}{70}$	$\frac{71}{420}$	$\frac{349}{1680}$	$\frac{69}{140}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
85183	1331	238	$\frac{2}{119}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{117}{238}$	$\Phi_{238}^{4}\ \Phi_{119}^{7}\ \Phi_{34}^{4}\ \Phi_{17}^{7}\ \Phi_{14}^{6}\ \Phi_{7}^{8}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
85184	1331	2604	$\frac{29}{1302}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1273}{2604}$	$\Phi_{2604}\ \Phi_{868}\ \Phi_{372}\ \Phi_{124}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
85185	1331	2584	$\frac{1}{38}$	$\frac{39}{1292}$	$\frac{1253}{2584}$	$\frac{37}{76}$	$\Phi_{2584}\ \Phi_{152}\ \Phi_{136}\ \Phi_{76}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
85186	1331	1792	$\frac{13}{448}$	$\frac{1}{14}$	$\frac{461}{1792}$	$\frac{435}{896}$	$\Phi_{1792}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
85187	1331	2576	$\frac{43}{1288}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1245}{2576}$	$\Phi_{2576}\ \Phi_{368}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
85188	1331	2520	$\frac{1}{35}$	$\frac{71}{1260}$	$\frac{34}{105}$	$\frac{1189}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{72}\ \Phi_{56}\ \Phi_{40}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
85189	1331	2520	$\frac{71}{1260}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1189}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
85190	1331	228	$\frac{1}{38}$	$\frac{7}{114}$	$\frac{37}{114}$	$\frac{107}{228}$	$\Phi_{228}^{11}\ \Phi_{114}\ \Phi_{76}^{11}\ \Phi_{57}\ \Phi_{12}^{11}\ \Phi_{6}\ \Phi_{4}^{11}\ \Phi_{3}\ \Phi_{1}$
85191	1331	228	$\frac{7}{114}$	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{107}{228}$	$\Phi_{228}^{11}\ \Phi_{76}^{11}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{12}^{11}\ \Phi_{4}^{11}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
85192	1331	1820	$\frac{1}{35}$	$\frac{34}{455}$	$\frac{489}{1820}$	$\frac{421}{910}$	$\Phi_{1820}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{140}\ \Phi_{91}\ \Phi_{65}\ \Phi_{52}\ \Phi_{28}\ \Phi_{20}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
85193	1331	224	$\frac{1}{14}$	$\frac{9}{112}$	$\frac{13}{112}$	$\frac{103}{224}$	$\Phi_{224}^{11}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}^{11}\ \Phi_{28}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
85194	1331	1824	$\frac{1}{38}$	$\frac{37}{456}$	$\frac{493}{1824}$	$\frac{419}{912}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{57}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
85195	1331	2432	$\frac{1}{38}$	$\frac{115}{1216}$	$\frac{37}{152}$	$\frac{1101}{2432}$	$\Phi_{2432}\ \Phi_{152}\ \Phi_{128}\ \Phi_{76}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
85196	1331	2460	$\frac{2}{123}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{2460}\ \Phi_{820}\ \Phi_{492}\ \Phi_{164}\ \Phi_{123}\ \Phi_{41}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
85197	1331	180	$\frac{1}{60}$	$\frac{1}{10}$	$\frac{59}{180}$	$\frac{9}{20}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{45}^{11}\ \Phi_{36}^{11}\ \Phi_{20}\ \Phi_{18}^{11}\ \Phi_{9}^{11}\ \Phi_{4}\ \Phi_{1}$
85198	1331	1360	$\frac{29}{1360}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{272}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{80}\ \Phi_{68}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
85199	1331	620	$\frac{3}{124}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{620}^{2}\ \Phi_{310}^{2}\ \Phi_{155}^{2}\ \Phi_{124}^{3}\ \Phi_{62}^{3}\ \Phi_{31}^{3}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
85200	1331	160	$\frac{1}{40}$	$\frac{1}{10}$	$\frac{39}{160}$	$\frac{9}{20}$	$\Phi_{160}^{11}\ \Phi_{80}^{11}\ \Phi_{32}^{11}\ \Phi_{20}\ \Phi_{16}^{11}\ \Phi_{4}\ \Phi_{1}$
85201	1331	500	$\frac{4}{125}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{500}^{5}\ \Phi_{125}\ \Phi_{100}^{5}\ \Phi_{25}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
85202	1331	300	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{29}{150}$	$\frac{9}{20}$	$\Phi_{300}^{10}\ \Phi_{150}\ \Phi_{100}^{10}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
85203	1331	1380	$\frac{49}{1380}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}\ \Phi_{230}\ \Phi_{138}\ \Phi_{115}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
85204	1331	1260	$\frac{5}{126}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{1260}^{2}\ \Phi_{420}^{2}\ \Phi_{252}^{2}\ \Phi_{180}^{2}\ \Phi_{140}^{2}\ \Phi_{126}\ \Phi_{84}^{2}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{20}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
85205	1331	720	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{23}{144}$	$\frac{9}{20}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{180}^{2}\ \Phi_{144}^{3}\ \Phi_{90}^{2}\ \Phi_{80}^{2}\ \Phi_{72}^{3}\ \Phi_{48}^{3}\ \Phi_{45}^{2}\ \Phi_{36}^{3}\ \Phi_{20}\ \Phi_{18}^{3}\ \Phi_{16}^{3}\ \Phi_{9}^{3}\ \Phi_{4}\ \Phi_{1}$
85206	1331	140	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{19}{140}$	$\frac{9}{20}$	$\Phi_{140}^{11}\ \Phi_{70}^{11}\ \Phi_{35}^{11}\ \Phi_{28}^{11}\ \Phi_{20}\ \Phi_{14}^{11}\ \Phi_{7}^{11}\ \Phi_{4}\ \Phi_{1}$
85207	1331	640	$\frac{7}{128}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{640}^{2}\ \Phi_{320}^{2}\ \Phi_{160}^{2}\ \Phi_{128}^{3}\ \Phi_{80}^{2}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{20}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
85208	1331	540	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{14}{135}$	$\frac{9}{20}$	$\Phi_{540}^{5}\ \Phi_{180}^{5}\ \Phi_{135}\ \Phi_{108}^{5}\ \Phi_{45}\ \Phi_{36}^{5}\ \Phi_{27}\ \Phi_{20}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
85209	1331	260	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{260}^{10}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}^{10}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
85210	1331	1440	$\frac{109}{1440}$	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
85211	1331	60	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{60}^{20}\ \Phi_{30}^{20}\ \Phi_{20}^{21}\ \Phi_{15}^{20}\ \Phi_{12}^{30}\ \Phi_{10}^{20}\ \Phi_{6}^{30}\ \Phi_{5}^{20}\ \Phi_{4}^{31}\ \Phi_{3}^{30}\ \Phi_{2}^{30}\ \Phi_{1}^{31}$
85212	1331	2352	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{155}{1176}$	$\frac{1021}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
85213	1331	2280	$\frac{1}{95}$	$\frac{191}{1140}$	$\frac{94}{285}$	$\frac{949}{2280}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{285}\ \Phi_{152}\ \Phi_{120}\ \Phi_{57}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
85214	1331	2280	$\frac{1}{38}$	$\frac{37}{228}$	$\frac{191}{1140}$	$\frac{949}{2280}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{120}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{40}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
85215	1331	2240	$\frac{1}{70}$	$\frac{211}{1120}$	$\frac{69}{280}$	$\frac{909}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{280}\ \Phi_{140}\ \Phi_{64}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
85216	1331	2240	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{211}{1120}$	$\frac{909}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
85217	1331	1900	$\frac{1}{95}$	$\frac{94}{475}$	$\frac{569}{1900}$	$\frac{381}{950}$	$\Phi_{1900}\ \Phi_{475}\ \Phi_{380}\ \Phi_{100}\ \Phi_{76}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
85218	1331	125	$\frac{4}{125}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{125}^{11}\ \Phi_{25}^{9}\ \Phi_{5}^{10}\ \Phi_{1}^{11}$
85219	1331	1098	$\frac{1}{122}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1098}\ \Phi_{549}\ \Phi_{366}^{2}\ \Phi_{183}^{2}\ \Phi_{122}\ \Phi_{61}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
85220	1331	1520	$\frac{1}{38}$	$\frac{189}{1520}$	$\frac{37}{152}$	$\frac{115}{304}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{80}\ \Phi_{76}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
85221	1331	1680	$\frac{1}{70}$	$\frac{349}{1680}$	$\frac{69}{280}$	$\frac{211}{560}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
85222	1331	976	$\frac{1}{122}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{976}^{2}\ \Phi_{244}^{2}\ \Phi_{122}\ \Phi_{61}\ \Phi_{16}\ \Phi_4\ \Phi_1$
85223	1331	1350	$\frac{19}{1350}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{270}\ \Phi_{225}\ \Phi_{150}\ \Phi_{135}\ \Phi_{90}\ \Phi_{75}\ \Phi_{54}\ \Phi_{50}\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
85224	1331	2100	$\frac{1}{70}$	$\frac{69}{350}$	$\frac{281}{1050}$	$\frac{769}{2100}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{60}\ \Phi_{50}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
85225	1331	2052	$\frac{1}{38}$	$\frac{37}{342}$	$\frac{305}{1026}$	$\frac{721}{2052}$	$\Phi_{2052}\ \Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{108}\ \Phi_{76}\ \Phi_{57}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
85226	1331	2016	$\frac{13}{336}$	$\frac{1}{14}$	$\frac{323}{1008}$	$\frac{685}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
85227	1331	1470	$\frac{1}{35}$	$\frac{139}{1470}$	$\frac{34}{105}$	$\frac{71}{210}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{294}\ \Phi_{245}\ \Phi_{147}\ \Phi_{105}\ \Phi_{98}\ \Phi_{49}\ \Phi_{21}\ \Phi_{15}\ \Phi_3\ \Phi_1$
85228	1331	1710	$\frac{1}{95}$	$\frac{379}{1710}$	$\frac{94}{285}$	$\frac{191}{570}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{342}\ \Phi_{285}\ \Phi_{171}\ \Phi_{90}\ \Phi_{57}\ \Phi_{45}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
85229	1331	615	$\frac{2}{123}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{615}^{2}\ \Phi_{205}^{2}\ \Phi_{123}^{3}\ \Phi_{41}^{3}\ \Phi_{15}\ \Phi_3\ \Phi_1$
85230	1331	129	$\frac{8}{129}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{129}^{10}\ \Phi_{43}^{11}\ \Phi_{3}^{9}\ \Phi_{1}^{11}$
85231	1331	180	$\frac{1}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{59}{180}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{45}^{11}\ \Phi_{36}^{11}\ \Phi_{18}^{11}\ \Phi_{15}\ \Phi_{9}^{11}\ \Phi_3\ \Phi_1$
85232	1331	1890	$\frac{1}{35}$	$\frac{71}{630}$	$\frac{559}{1890}$	$\frac{34}{105}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{54}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_3\ \Phi_1$
85233	1331	1575	$\frac{1}{35}$	$\frac{244}{1575}$	$\frac{71}{315}$	$\frac{34}{105}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_3\ \Phi_1$
85234	1331	1680	$\frac{1}{35}$	$\frac{71}{420}$	$\frac{349}{1680}$	$\frac{34}{105}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
85235	1331	126	$\frac{5}{126}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{126}^{11}\ \Phi_{63}^{11}\ \Phi_{42}^{11}\ \Phi_{21}^{11}\ \Phi_{18}^{11}\ \Phi_{14}^{6}\ \Phi_{9}^{11}\ \Phi_{7}^{8}\ \Phi_{6}^{11}\ \Phi_{3}^{11}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
85236	1331	1512	$\frac{1}{14}$	$\frac{181}{1512}$	$\frac{13}{84}$	$\frac{71}{252}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
85237	1331	1824	$\frac{1}{38}$	$\frac{115}{608}$	$\frac{37}{152}$	$\frac{493}{1824}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
85238	1331	1860	$\frac{3}{124}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{465}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{15}\ \Phi_3\ \Phi_1$
85239	1331	480	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{39}{160}$	$\frac{4}{15}$	$\Phi_{480}^{5}\ \Phi_{240}^{5}\ \Phi_{160}\ \Phi_{96}^{5}\ \Phi_{80}\ \Phi_{48}^{5}\ \Phi_{32}\ \Phi_{16}\ \Phi_{15}\ \Phi_3\ \Phi_1$
85240	1331	375	$\frac{4}{125}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{375}^{5}\ \Phi_{125}\ \Phi_{75}^{5}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
85241	1331	150	$\frac{1}{30}$	$\frac{29}{150}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{150}^{11}\ \Phi_{75}^{11}\ \Phi_{50}^{11}\ \Phi_{25}^{11}\ \Phi_{15}\ \Phi_3\ \Phi_1$
85242	1331	1380	$\frac{49}{1380}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}\ \Phi_{230}\ \Phi_{138}\ \Phi_{115}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_{15}\ \Phi_3\ \Phi_1$
85243	1331	630	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{210}^{2}\ \Phi_{126}^{3}\ \Phi_{105}^{2}\ \Phi_{90}^{2}\ \Phi_{70}^{2}\ \Phi_{63}^{3}\ \Phi_{45}^{2}\ \Phi_{42}^{3}\ \Phi_{35}^{2}\ \Phi_{21}^{3}\ \Phi_{18}^{3}\ \Phi_{15}\ \Phi_{14}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{3}\ \Phi_3\ \Phi_1$
85244	1331	720	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{180}^{2}\ \Phi_{144}^{3}\ \Phi_{90}^{2}\ \Phi_{80}^{2}\ \Phi_{72}^{3}\ \Phi_{48}^{3}\ \Phi_{45}^{2}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{16}^{3}\ \Phi_{15}\ \Phi_{9}^{3}\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
85245	1331	420	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{140}\ \Phi_{105}^{5}\ \Phi_{84}^{5}\ \Phi_{70}\ \Phi_{42}^{5}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}^{5}\ \Phi_{15}\ \Phi_{14}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
85246	1331	1920	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
85247	1331	135	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{135}^{11}\ \Phi_{45}^{11}\ \Phi_{27}^{11}\ \Phi_{15}\ \Phi_{9}^{11}\ \Phi_{3}\ \Phi_{1}$
85248	1331	390	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{390}^{5}\ \Phi_{195}^{5}\ \Phi_{130}\ \Phi_{78}^{5}\ \Phi_{65}\ \Phi_{39}^{5}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}$
85249	1331	1440	$\frac{109}{1440}$	$\frac{11}{120}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
85250	1331	60	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{60}^{20}\ \Phi_{30}^{20}\ \Phi_{20}^{20}\ \Phi_{15}^{21}\ \Phi_{12}^{30}\ \Phi_{10}^{20}\ \Phi_{6}^{30}\ \Phi_{5}^{20}\ \Phi_{4}^{30}\ \Phi_{3}^{31}\ \Phi_{2}^{30}\ \Phi_{1}^{31}$
85251	1331	1680	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{71}{420}$	$\frac{349}{1680}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{84}\ \Phi_{80}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
85252	1331	152	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{7}{38}$	$\frac{31}{152}$	$\Phi_{152}^{11}\ \Phi_{76}^{11}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{8}^{11}\ \Phi_{4}^{11}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
85253	1332	1992	$\frac{1}{332}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{331}{664}$	$\Phi_{1992}\ \Phi_{664}^{2}\ \Phi_{24}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
85254	1332	1105	$\frac{1}{221}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{110}{221}$	$\Phi_{1105}\ \Phi_{221}^{2}\ \Phi_{85}\ \Phi_{65}\ \Phi_{17}^{2}\ \Phi_{13}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
85255	1332	2652	$\frac{1}{221}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{110}{221}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{204}\ \Phi_{156}\ \Phi_{102}\ \Phi_{78}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
85256	1332	1331	$\frac{7}{1331}$	$\frac{223}{1331}$	$\frac{554}{1331}$	$\frac{662}{1331}$	$\Phi_{1331}\ \Phi_{121}\ \Phi_{11}\ \Phi_{1}^{2}$
85257	1332	1780	$\frac{3}{445}$	$\frac{1}{4}$	$\frac{112}{445}$	$\frac{221}{445}$	$\Phi_{1780}\ \Phi_{890}\ \Phi_{356}\ \Phi_{178}\ \Phi_{20}\ \Phi_{10}$
85258	1332	1331	$\frac{9}{1331}$	$\frac{332}{1331}$	$\frac{335}{1331}$	$\frac{661}{1331}$	$\Phi_{1331}\ \Phi_{121}\ \Phi_{11}\ \Phi_{1}^{2}$
85259	1332	2352	$\frac{1}{147}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{73}{147}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{147}\ \Phi_{112}\ \Phi_{49}\ \Phi_{48}\ \Phi_{21}\ \Phi_{16}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
85260	1332	588	$\frac{1}{147}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{73}{147}$	$\Phi_{588}^{2}\ \Phi_{294}^{2}\ \Phi_{196}^{2}\ \Phi_{147}^{3}\ \Phi_{98}^{2}\ \Phi_{84}^{2}\ \Phi_{49}^{3}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{7}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
85261	1332	2001	$\frac{5}{667}$	$\frac{112}{667}$	$\frac{1}{3}$	$\frac{331}{667}$	$\Phi_{2001}\ \Phi_{87}\ \Phi_{69}$
85262	1332	605	$\frac{1}{121}$	$\frac{61}{605}$	$\frac{272}{605}$	$\frac{60}{121}$	$\Phi_{605}^{2}\ \Phi_{121}^{3}\ \Phi_{55}^{2}\ \Phi_{11}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
85263	1332	220	$\frac{1}{110}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{109}{220}$	$\Phi_{220}^{12}\ \Phi_{44}^{12}\ \Phi_{20}^{12}\ \Phi_{11}\ \Phi_{4}^{12}\ \Phi_{1}^{2}$
85264	1332	4620	$\frac{1}{110}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{109}{220}$	$\Phi_{4620}\ \Phi_{924}\ \Phi_{420}\ \Phi_{84}\ \Phi_{21}$
85265	1332	220	$\frac{1}{110}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{109}{220}$	$\Phi_{220}^{12}\ \Phi_{44}^{12}\ \Phi_{20}^{12}\ \Phi_{11}\ \Phi_{4}^{12}\ \Phi_{1}^{2}$
85266	1332	220	$\frac{1}{110}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{109}{220}$	$\Phi_{220}^{4}\ \Phi_{110}^{8}\ \Phi_{55}^{8}\ \Phi_{44}^{4}\ \Phi_{22}^{8}\ \Phi_{20}^{5}\ \Phi_{11}^{8}\ \Phi_{10}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
85267	1332	1331	$\frac{13}{1331}$	$\frac{224}{1331}$	$\frac{369}{1331}$	$\frac{659}{1331}$	$\Phi_{1331}\ \Phi_{121}\ \Phi_{11}\ \Phi_{1}^{2}$
85268	1332	356	$\frac{1}{89}$	$\frac{15}{89}$	$\frac{1}{4}$	$\frac{44}{89}$	$\Phi_{356}^{5}\ \Phi_{178}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
85269	1332	1241	$\frac{1}{73}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{36}{73}$	$\Phi_{1241}\ \Phi_{73}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
85270	1332	2190	$\frac{1}{73}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{36}{73}$	$\Phi_{2190}\ \Phi_{1095}\ \Phi_{438}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}$
85271	1332	1241	$\frac{1}{73}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{36}{73}$	$\Phi_{1241}\ \Phi_{73}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
85272	1332	2044	$\frac{1}{73}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{36}{73}$	$\Phi_{2044}\ \Phi_{1022}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
85273	1332	1331	$\frac{19}{1331}$	$\frac{75}{1331}$	$\frac{628}{1331}$	$\frac{656}{1331}$	$\Phi_{1331}\ \Phi_{121}\ \Phi_{11}\ \Phi_{1}^{2}$
85274	1332	1331	$\frac{25}{1331}$	$\frac{113}{1331}$	$\frac{406}{1331}$	$\frac{653}{1331}$	$\Phi_{1331}\ \Phi_{121}\ \Phi_{11}\ \Phi_{1}^{2}$
85275	1332	1490	$\frac{3}{149}$	$\frac{1}{10}$	$\frac{38}{149}$	$\frac{73}{149}$	$\Phi_{1490}\ \Phi_{745}\ \Phi_{298}$
85276	1332	1561	$\frac{5}{223}$	$\frac{1}{7}$	$\frac{38}{223}$	$\frac{109}{223}$	Φ_{1561}
85277	1332	1331	$\frac{31}{1331}$	$\frac{184}{1331}$	$\frac{227}{1331}$	$\frac{650}{1331}$	$\Phi_{1331}\ \Phi_{121}\ \Phi_{11}\ \Phi_{1}^{2}$
85278	1332	1780	$\frac{11}{445}$	$\frac{38}{445}$	$\frac{1}{4}$	$\frac{217}{445}$	$\Phi_{1780}\ \Phi_{890}\ \Phi_{356}\ \Phi_{178}\ \Phi_{20}\ \Phi_{10}$
85279	1332	121	$\frac{3}{121}$	$\frac{10}{121}$	$\frac{31}{121}$	$\frac{59}{121}$	$\Phi_{121}^{11}\ \Phi_{11}^{11}\ \Phi_{1}^{12}$
85280	1332	2001	$\frac{17}{667}$	$\frac{38}{667}$	$\frac{1}{3}$	$\frac{325}{667}$	$\Phi_{2001}\ \Phi_{87}\ \Phi_{69}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
85281	1332	2520	$\frac{1}{36}$	$\frac{1}{35}$	$\frac{17}{35}$	$\frac{35}{72}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{72}^2\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
85282	1332	1368	$\frac{1}{36}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{1368}^2\ \Phi_{456}^2\ \Phi_{152}^2\ \Phi_{57}$
85283	1332	2520	$\frac{1}{36}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{35}{72}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{72}^2\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
85284	1332	936	$\frac{1}{36}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{936}^3\ \Phi_{312}^3\ \Phi_{104}^3\ \Phi_{52}\ \Phi_{26}$
85285	1332	2520	$\frac{1}{36}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{35}{72}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{72}^2\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
85286	1332	360	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{35}{72}$	$\Phi_{360}^7\ \Phi_{120}^7\ \Phi_{72}^8\ \Phi_{40}^7\ \Phi_{24}^8\ \Phi_{10}^4\ \Phi_8^8\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
85287	1332	504	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{35}{72}$	$\Phi_{504}^5\ \Phi_{168}^5\ \Phi_{72}^6\ \Phi_{56}^5\ \Phi_{24}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_1^6$
85288	1332	1365	$\frac{1}{35}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{91}\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{35}\ \Phi_{13}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
85289	1332	1890	$\frac{1}{35}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{17}{35}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{54}^2\ \Phi_{35}\ \Phi_{27}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
85290	1332	280	$\frac{1}{35}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{280}^5\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^5\ \Phi_{40}^6\ \Phi_{35}^5\ \Phi_{28}^4\ \Phi_{20}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_8^6\ \Phi_7^5\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
85291	1332	1680	$\frac{1}{35}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{17}{35}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
85292	1332	315	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{17}{35}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{45}^5\ \Phi_{35}^5\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_9^4\ \Phi_7^5\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
85293	1332	210	$\frac{1}{35}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{17}{35}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^6\ \Phi_{42}^7\ \Phi_{35}^7\ \Phi_{30}^6\ \Phi_{21}^7\ \Phi_{15}^6\ \Phi_{14}^7\ \Phi_{10}^6\ \Phi_7^8\ \Phi_6^6\ \Phi_5^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^8$
85294	1332	1932	$\frac{11}{322}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{311}{644}$	$\Phi_{1932}^2\ \Phi_{276}^2\ \Phi_{84}^2\ \Phi_{69}\ \Phi_{12}^2$
85295	1332	348	$\frac{1}{29}$	$\frac{5}{116}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{348}^6\ \Phi_{174}^6\ \Phi_{87}^5\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^4$
85296	1332	143	$\frac{5}{143}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{69}{143}$	$\Phi_{143}^9\ \Phi_{13}^9\ \Phi_{11}^{13}\ \Phi_1^{14}$
85297	1332	950	$\frac{1}{25}$	$\frac{1}{19}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{950}^2\ \Phi_{475}\ \Phi_{190}^2\ \Phi_{95}\ \Phi_{38}^2$
85298	1332	345	$\frac{4}{115}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{345}^6\ \Phi_{69}^5\ \Phi_{15}^6\ \Phi_3^4$
85299	1332	1914	$\frac{1}{29}$	$\frac{14}{319}$	$\frac{1}{3}$	$\frac{305}{638}$	$\Phi_{1914}^2\ \Phi_{174}^2\ \Phi_{87}\ \Phi_{66}^2\ \Phi_6^2$
85300	1332	1330	$\frac{1}{19}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{1330}^2\ \Phi_{266}^2\ \Phi_{190}^2\ \Phi_{95}\ \Phi_{38}^2$
85301	1332	910	$\frac{2}{35}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{33}{70}$	$\Phi_{910}^3\ \Phi_{182}^3\ \Phi_{130}^3\ \Phi_{91}\ \Phi_{26}^3$
85302	1332	1938	$\frac{1}{38}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{1938}\ \Phi_{969}\ \Phi_{114}^2\ \Phi_{102}\ \Phi_{57}^2\ \Phi_6^2$
85303	1332	1664	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{17}{128}$	$\frac{15}{32}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
85304	1332	855	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{855}^2\ \Phi_{285}\ \Phi_{171}^2\ \Phi_{95}\ \Phi_{57}$
85305	1332	208	$\frac{7}{104}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{97}{208}$	$\Phi_{208}^{12}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}^{12}$
85306	1332	1406	$\frac{1}{38}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{1406}\ \Phi_{703}\ \Phi_{74}$
85307	1332	55	$\frac{1}{55}$	$\frac{1}{11}$	$\frac{18}{55}$	$\frac{5}{11}$	$\Phi_{55}^{24}\ \Phi_{11}^{25}\ \Phi_5^{24}\ \Phi_1^{26}$
85308	1332	341	$\frac{8}{341}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{341}^4\ \Phi_{31}^4\ \Phi_{11}\ \Phi_1^2$
85309	1332	836	$\frac{1}{38}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{836}^2\ \Phi_{418}\ \Phi_{209}\ \Phi_{76}^4\ \Phi_{44}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
85310	1332	440	$\frac{3}{110}$	$\frac{1}{11}$	$\frac{107}{440}$	$\frac{5}{11}$	$\Phi_{440}^4\ \Phi_{220}^4\ \Phi_{88}^4\ \Phi_{44}^4\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{11}\ \Phi_8^4\ \Phi_4^4\ \Phi_1^2$
85311	1332	1265	$\frac{4}{115}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{1265}\ \Phi_{253}\ \Phi_{115}^2\ \Phi_{23}^2\ \Phi_{11}\ \Phi_1^2$
85312	1332	275	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{53}{275}$	$\frac{5}{11}$	$\Phi_{275}^6\ \Phi_{25}^6\ \Phi_{11}\ \Phi_1^2$
85313	1332	77	$\frac{3}{77}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{77}^{18}\ \Phi_{11}^{13}\ \Phi_7^{18}\ \Phi_1^{14}$
85314	1332	44	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{7}{44}$	$\frac{5}{11}$	$\Phi_{44}^{36}\ \Phi_{22}^{24}\ \Phi_{11}^{25}\ \Phi_4^{36}\ \Phi_2^{24}\ \Phi_1^{26}$
85315	1332	352	$\frac{19}{352}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{352}^4\ \Phi_{176}^4\ \Phi_{88}^4\ \Phi_{44}^4\ \Phi_{32}^4\ \Phi_{16}^4\ \Phi_{11}\ \Phi_8^4\ \Phi_4^4\ \Phi_1^2$
85316	1332	385	$\frac{3}{55}$	$\frac{1}{11}$	$\frac{52}{385}$	$\frac{5}{11}$	$\Phi_{385}^4\ \Phi_{77}^4\ \Phi_{35}^4\ \Phi_{11}\ \Phi_7^4\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
85317	1332	715	$\frac{49}{715}$	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{5}{11}$	$\Phi_{715}^2\ \Phi_{143}^2\ \Phi_{65}^2\ \Phi_{13}^2\ \Phi_{11}\ \Phi_1^2$
85318	1332	440	$\frac{3}{40}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{11}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{110}^2\ \Phi_{88}^3\ \Phi_{55}^2\ \Phi_{44}^3\ \Phi_{40}^6\ \Phi_{22}^2\ \Phi_{20}^6\ \Phi_{11}^3\ \Phi_{10}^4\ \Phi_8^6\ \Phi_5^4\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
85319	1332	121	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{121}^{12}\ \Phi_{11}\ \Phi_1^2$
85320	1332	1331	$\frac{26}{1331}$	$\frac{145}{1331}$	$\frac{369}{1331}$	$\frac{593}{1331}$	$\Phi_{1331}\ \Phi_{121}\ \Phi_{11}\ \Phi_1^2$
85321	1332	2001	$\frac{10}{667}$	$\frac{73}{667}$	$\frac{1}{3}$	$\frac{297}{667}$	$\Phi_{2001}\ \Phi_{87}\ \Phi_{69}$
85322	1332	1331	$\frac{20}{1331}$	$\frac{149}{1331}$	$\frac{437}{1331}$	$\frac{591}{1331}$	$\Phi_{1331}\ \Phi_{121}\ \Phi_{11}\ \Phi_1^2$
85323	1332	1200	$\frac{1}{75}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1200}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{80}^2\ \Phi_{75}^2\ \Phi_{48}\ \Phi_{25}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
85324	1332	784	$\frac{1}{49}$	$\frac{1}{8}$	$\frac{12}{49}$	$\frac{7}{16}$	$\Phi_{784}^3\ \Phi_{112}^3\ \Phi_{49}^3\ \Phi_{16}^4\ \Phi_7^3\ \Phi_1^4$
85325	1332	1520	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{1520}^2\ \Phi_{190}\ \Phi_{95}\ \Phi_{80}\ \Phi_{10}$
85326	1332	1232	$\frac{3}{77}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{1232}^2\ \Phi_{176}^2\ \Phi_{112}\ \Phi_{77}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_1^2$
85327	1332	336	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{336}^7\ \Phi_{112}^7\ \Phi_{48}^7\ \Phi_{42}^4\ \Phi_{21}^3\ \Phi_{16}^8\ \Phi_{14}^4\ \Phi_7^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
85328	1332	2548	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{13}{98}$	$\frac{85}{196}$	$\Phi_{2548}\ \Phi_{364}\ \Phi_{182}\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}$
85329	1332	1406	$\frac{1}{38}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{1406}\ \Phi_{703}\ \Phi_{74}$
85330	1332	832	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{5}{32}$	$\frac{27}{64}$	$\Phi_{832}^3\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
85331	1332	121	$\frac{7}{121}$	$\frac{10}{121}$	$\frac{19}{121}$	$\frac{51}{121}$	$\Phi_{121}^{11}\ \Phi_{11}^{11}\ \Phi_1^{12}$
85332	1332	1331	$\frac{29}{1331}$	$\frac{217}{1331}$	$\frac{258}{1331}$	$\frac{557}{1331}$	$\Phi_{1331}\ \Phi_{121}\ \Phi_{11}\ \Phi_1^2$
85333	1332	1780	$\frac{7}{445}$	$\frac{73}{445}$	$\frac{1}{4}$	$\frac{186}{445}$	$\Phi_{1780}\ \Phi_{890}\ \Phi_{356}\ \Phi_{178}\ \Phi_{20}\ \Phi_{10}$
85334	1332	1680	$\frac{1}{112}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}^2\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_6^2$
85335	1332	1105	$\frac{2}{221}$	$\frac{1}{5}$	$\frac{73}{221}$	$\frac{2}{5}$	$\Phi_{1105}\ \Phi_{221}^2\ \Phi_{85}\ \Phi_{65}\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
85336	1332	300	$\frac{1}{75}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^6\ \Phi_{60}^6\ \Phi_{50}^6\ \Phi_{30}^6\ \Phi_{20}^5\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_6^6\ \Phi_4^4\ \Phi_2^4$
85337	1332	1105	$\frac{5}{221}$	$\frac{36}{221}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1105}\ \Phi_{221}^2\ \Phi_{85}\ \Phi_{65}\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
85338	1332	1330	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{70}\ \Phi_{14}^2$
85339	1332	195	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{195}^6\ \Phi_{65}^5\ \Phi_{39}^{12}\ \Phi_{15}^6\ \Phi_{13}^{10}\ \Phi_5^6\ \Phi_3^{12}\ \Phi_1^{12}$
85340	1332	760	$\frac{1}{19}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{760}^2\ \Phi_{380}^2\ \Phi_{190}^2\ \Phi_{152}^2\ \Phi_{95}\ \Phi_{76}^2\ \Phi_{38}^2$
85341	1332	595	$\frac{1}{17}$	$\frac{8}{119}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{595}^2\ \Phi_{119}^4\ \Phi_{85}\ \Phi_{35}^2\ \Phi_{17}^2\ \Phi_7^4\ \Phi_5^2\ \Phi_1^4$
85342	1332	121	$\frac{1}{121}$	$\frac{27}{121}$	$\frac{40}{121}$	$\frac{47}{121}$	$\Phi_{121}^{11}\ \Phi_{11}^{11}\ \Phi_1^{12}$
85343	1332	121	$\frac{4}{121}$	$\frac{13}{121}$	$\frac{27}{121}$	$\frac{47}{121}$	$\Phi_{121}^{11}\ \Phi_{11}^{11}\ \Phi_1^{12}$
85344	1332	1456	$\frac{1}{112}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{208}\ \Phi_{182}\ \Phi_{104}\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}$
85345	1332	1140	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{1140}^2\ \Phi_{380}^2\ \Phi_{285}\ \Phi_{228}^2\ \Phi_{95}\ \Phi_{76}^2\ \Phi_{57}$
85346	1332	356	$\frac{1}{89}$	$\frac{22}{89}$	$\frac{1}{4}$	$\frac{67}{178}$	$\Phi_{356}^5\ \Phi_{178}\ \Phi_{89}^4\ \Phi_4^4\ \Phi_1^4$
85347	1332	484	$\frac{1}{121}$	$\frac{30}{121}$	$\frac{151}{484}$	$\frac{91}{242}$	$\Phi_{484}^4\ \Phi_{121}^3\ \Phi_{44}^4\ \Phi_{11}^3\ \Phi_4^4\ \Phi_1^4$
85348	1332	1425	$\frac{1}{75}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{285}\ \Phi_{95}\ \Phi_{57}$
85349	1332	1331	$\frac{23}{1331}$	$\frac{218}{1331}$	$\frac{371}{1331}$	$\frac{480}{1331}$	$\Phi_{1331}\ \Phi_{121}\ \Phi_{11}\ \Phi_1^2$
85350	1332	1406	$\frac{1}{38}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{1406}\ \Phi_{703}\ \Phi_{74}$
85351	1332	728	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{9}{28}$	$\frac{19}{56}$	$\Phi_{728}^3\ \Phi_{364}\ \Phi_{182}\ \Phi_{104}^3\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}$
85352	1332	121	$\frac{4}{121}$	$\frac{10}{121}$	$\frac{39}{121}$	$\frac{41}{121}$	$\Phi_{121}^{11}\ \Phi_{11}^{11}\ \Phi_1^{12}$
85353	1332	1331	$\frac{32}{1331}$	$\frac{147}{1331}$	$\frac{433}{1331}$	$\frac{449}{1331}$	$\Phi_{1331}\ \Phi_{121}\ \Phi_{11}\ \Phi_1^2$
85354	1332	1561	$\frac{4}{223}$	$\frac{1}{7}$	$\frac{73}{223}$	$\frac{75}{223}$	Φ_{1561}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
85355	1332	1331	$\frac{14}{1331}$	$\frac{295}{1331}$	$\frac{439}{1331}$	$\frac{446}{1331}$	$\Phi_{1331}\ \Phi_{121}\ \Phi_{11}\ \Phi_1^2$
85356	1332	1780	$\frac{4}{445}$	$\frac{1}{4}$	$\frac{147}{445}$	$\frac{149}{445}$	$\Phi_{1780}\ \Phi_{890}\ \Phi_{356}\ \Phi_{178}\ \Phi_{20}\ \Phi_{10}$
85357	1332	1331	$\frac{8}{1331}$	$\frac{441}{1331}$	$\frac{443}{1331}$	$\frac{445}{1331}$	$\Phi_{1331}\ \Phi_{121}\ \Phi_{11}\ \Phi_1^2$
85358	1332	2001	$\frac{4}{667}$	$\frac{221}{667}$	$\frac{1}{3}$	$\frac{223}{667}$	$\Phi_{2001}\ \Phi_{87}\ \Phi_{69}$
85359	1332	498	$\frac{1}{166}$	$\frac{55}{166}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{498}^2\ \Phi_{249}^2\ \Phi_{166}^4\ \Phi_{83}^4\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
85360	1332	336	$\frac{1}{112}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^6\ \Phi_{84}^3\ \Phi_{56}^6\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{28}^6\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_{12}^2\ \Phi_8^6\ \Phi_7^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
85361	1332	1245	$\frac{1}{83}$	$\frac{82}{415}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1245}\ \Phi_{415}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
85362	1332	249	$\frac{2}{83}$	$\frac{9}{83}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{249}^4\ \Phi_{83}^8\ \Phi_3^5\ \Phi_1^{10}$
85363	1332	570	$\frac{1}{38}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{570}^2\ \Phi_{285}^2\ \Phi_{190}^4\ \Phi_{114}\ \Phi_{95}^4\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{30}\ \Phi_{19}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
85364	1332	741	$\frac{2}{39}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{741}^2\ \Phi_{247}^2\ \Phi_{57}$
85365	1332	2652	$\frac{2}{221}$	$\frac{1}{4}$	$\frac{73}{221}$	$\frac{1}{3}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{204}\ \Phi_{156}\ \Phi_{102}\ \Phi_{78}\ \Phi_{12}^2\ \Phi_6^2$
85366	1332	2001	$\frac{7}{667}$	$\frac{149}{667}$	$\frac{220}{667}$	$\frac{1}{3}$	$\Phi_{2001}\ \Phi_{87}\ \Phi_{69}$
85367	1332	1155	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{18}{55}$	$\frac{1}{3}$	$\Phi_{1155}^2\ \Phi_{231}^2\ \Phi_{105}^2\ \Phi_{21}^3$
85368	1332	2001	$\frac{16}{667}$	$\frac{75}{667}$	$\frac{217}{667}$	$\frac{1}{3}$	$\Phi_{2001}\ \Phi_{87}\ \Phi_{69}$
85369	1332	1026	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{1026}^2\ \Phi_{513}^2\ \Phi_{57}$
85370	1332	1365	$\frac{2}{39}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{91}\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{35}\ \Phi_{13}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
85371	1332	483	$\frac{1}{23}$	$\frac{11}{161}$	$\frac{50}{161}$	$\frac{1}{3}$	$\Phi_{483}^4\ \Phi_{69}^5\ \Phi_{21}^4\ \Phi_3^4$
85372	1332	348	$\frac{5}{116}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{348}^6\ \Phi_{174}^6\ \Phi_{87}^5\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^4$
85373	1332	957	$\frac{1}{29}$	$\frac{28}{319}$	$\frac{97}{319}$	$\frac{1}{3}$	$\Phi_{957}^2\ \Phi_{87}^3\ \Phi_{33}^2\ \Phi_3^2$
85374	1332	1938	$\frac{1}{38}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{1938}\ \Phi_{969}\ \Phi_{114}^2\ \Phi_{102}\ \Phi_{57}^2\ \Phi_6^2$
85375	1332	2001	$\frac{13}{667}$	$\frac{109}{667}$	$\frac{186}{667}$	$\frac{1}{3}$	$\Phi_{2001}\ \Phi_{87}\ \Phi_{69}$
85376	1332	300	$\frac{1}{75}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^6\ \Phi_{60}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^6\ \Phi_{20}^4\ \Phi_{15}^6\ \Phi_{12}^2\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^6\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
85377	1332	2652	$\frac{5}{221}$	$\frac{36}{221}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{204}\ \Phi_{156}\ \Phi_{102}\ \Phi_{78}\ \Phi_{12}^2\ \Phi_6^2$
85378	1332	1596	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1596}^2\ \Phi_{798}\ \Phi_{399}\ \Phi_{84}\ \Phi_{21}$
85379	1332	156	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^{11}\ \Phi_{78}^{11}\ \Phi_{52}^{12}\ \Phi_{26}^{12}\ \Phi_{12}^{12}\ \Phi_6^{12}\ \Phi_4^{12}\ \Phi_2^{12}$
85380	1332	2280	$\frac{1}{19}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{57}$
85381	1332	1428	$\frac{1}{17}$	$\frac{8}{119}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1428}^2\ \Phi_{714}^2\ \Phi_{204}\ \Phi_{102}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{12}^2\ \Phi_6^2$
85382	1332	1104	$\frac{1}{23}$	$\frac{35}{368}$	$\frac{11}{46}$	$\frac{1}{3}$	$\Phi_{1104}^2\ \Phi_{552}^2\ \Phi_{276}^2\ \Phi_{69}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2$
85383	1332	912	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{152}^2\ \Phi_{57}$
85384	1332	1365	$\frac{2}{39}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{91}\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{35}\ \Phi_{13}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
85385	1332	1539	$\frac{1}{19}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{57}$
85386	1332	345	$\frac{4}{115}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{345}^6\ \Phi_{69}^5\ \Phi_{15}^6\ \Phi_3^4$
85387	1332	2415	$\frac{4}{115}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{21}$
85388	1332	390	$\frac{2}{39}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{390}^4\ \Phi_{195}^3\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{65}^3\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
85389	1332	855	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{95}^2\ \Phi_{57}$
85390	1332	2415	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{139}{805}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{345}\ \Phi_{105}\ \Phi_{69}\ \Phi_{15}$
85391	1332	798	$\frac{1}{19}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{57}$
85392	1332	924	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{7}{44}$	$\frac{1}{3}$	$\Phi_{924}^3\ \Phi_{462}^2\ \Phi_{231}^2\ \Phi_{84}^3\ \Phi_{42}^2\ \Phi_{21}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
85393	1332	87	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{13}{87}$	$\frac{1}{3}$	$\Phi_{87}^{14}\ \Phi_{29}^{18}\ \Phi_{3}^{13}\ \Phi_{1}^{18}$
85394	1332	273	$\frac{2}{39}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{273}^{5}\ \Phi_{91}^{5}\ \Phi_{39}^{6}\ \Phi_{13}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
85395	1332	840	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{210}^{2}\ \Phi_{168}^{3}\ \Phi_{105}^{2}\ \Phi_{84}^{3}\ \Phi_{42}^{2}\ \Phi_{21}^{3}$
85396	1332	2541	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2541}\ \Phi_{21}$
85397	1332	55	$\frac{1}{55}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{18}{55}$	$\Phi_{55}^{24}\ \Phi_{11}^{25}\ \Phi_{5}^{24}\ \Phi_{1}^{26}$
85398	1332	220	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{18}{55}$	$\Phi_{220}^{8}\ \Phi_{110}^{8}\ \Phi_{44}^{8}\ \Phi_{22}^{8}\ \Phi_{20}^{9}\ \Phi_{10}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}$
85399	1332	1331	$\frac{26}{1331}$	$\frac{224}{1331}$	$\frac{369}{1331}$	$\frac{435}{1331}$	$\Phi_{1331}\ \Phi_{121}\ \Phi_{11}\ \Phi_{1}^{2}$
85400	1332	1670	$\frac{7}{334}$	$\frac{1}{5}$	$\frac{75}{334}$	$\frac{109}{334}$	$\Phi_{1670}\ \Phi_{835}\ \Phi_{10}$
85401	1332	1331	$\frac{29}{1331}$	$\frac{258}{1331}$	$\frac{299}{1331}$	$\frac{434}{1331}$	$\Phi_{1331}\ \Phi_{121}\ \Phi_{11}\ \Phi_{1}^{2}$
85402	1332	356	$\frac{2}{89}$	$\frac{15}{89}$	$\frac{1}{4}$	$\frac{29}{89}$	$\Phi_{356}^{5}\ \Phi_{178}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
85403	1332	1890	$\frac{1}{18}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{17}{54}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{54}^{2}\ \Phi_{35}\ \Phi_{27}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
85404	1332	1404	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{1404}^{2}\ \Phi_{702}\ \Phi_{351}\ \Phi_{52}\ \Phi_{26}$
85405	1332	1890	$\frac{1}{18}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{17}{54}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{54}^{2}\ \Phi_{35}\ \Phi_{27}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
85406	1332	270	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{17}{54}$	$\Phi_{270}^{7}\ \Phi_{135}^{7}\ \Phi_{54}^{8}\ \Phi_{27}^{8}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
85407	1332	378	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{17}{54}$	$\Phi_{378}^{5}\ \Phi_{189}^{5}\ \Phi_{54}^{6}\ \Phi_{27}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
85408	1332	280	$\frac{2}{35}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{11}{35}$	$\Phi_{280}^{5}\ \Phi_{140}^{4}\ \Phi_{70}^{4}\ \Phi_{56}^{5}\ \Phi_{40}^{6}\ \Phi_{35}^{5}\ \Phi_{28}^{4}\ \Phi_{20}^{5}\ \Phi_{14}^{4}\ \Phi_{10}^{5}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
85409	1332	1680	$\frac{2}{35}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{11}{35}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{48}^{2}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
85410	1332	315	$\frac{2}{35}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{11}{35}$	$\Phi_{315}^{4}\ \Phi_{105}^{4}\ \Phi_{63}^{4}\ \Phi_{45}^{5}\ \Phi_{35}^{5}\ \Phi_{21}^{4}\ \Phi_{15}^{5}\ \Phi_{9}^{4}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
85411	1332	210	$\frac{2}{35}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{11}{35}$	$\Phi_{210}^{6}\ \Phi_{105}^{6}\ \Phi_{70}^{6}\ \Phi_{42}^{7}\ \Phi_{35}^{7}\ \Phi_{30}^{6}\ \Phi_{21}^{7}\ \Phi_{15}^{6}\ \Phi_{14}^{7}\ \Phi_{10}^{6}\ \Phi_{7}^{8}\ \Phi_{6}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
85412	1332	624	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{11}{48}$	$\frac{5}{16}$	$\Phi_{624}^{3}\ \Phi_{312}^{3}\ \Phi_{208}\ \Phi_{156}^{3}\ \Phi_{104}\ \Phi_{78}^{3}\ \Phi_{52}\ \Phi_{39}^{3}\ \Phi_{26}$
85413	1332	1995	$\frac{1}{19}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{1995}\ \Phi_{399}\ \Phi_{285}\ \Phi_{95}\ \Phi_{57}$
85414	1332	546	$\frac{1}{13}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{546}^{3}\ \Phi_{273}^{3}\ \Phi_{182}^{3}\ \Phi_{91}\ \Phi_{78}^{3}\ \Phi_{39}^{3}\ \Phi_{26}^{3}$
85415	1332	836	$\frac{1}{38}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{836}^{2}\ \Phi_{418}\ \Phi_{209}\ \Phi_{76}^{4}\ \Phi_{44}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
85416	1332	1265	$\frac{4}{115}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{1265}\ \Phi_{253}\ \Phi_{115}^{2}\ \Phi_{23}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
85417	1332	44	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{44}^{36}\ \Phi_{22}^{24}\ \Phi_{11}^{25}\ \Phi_{4}^{36}\ \Phi_{2}^{24}\ \Phi_{1}^{26}$
85418	1332	440	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{440}^{3}\ \Phi_{220}^{3}\ \Phi_{110}^{2}\ \Phi_{88}^{3}\ \Phi_{55}^{2}\ \Phi_{44}^{3}\ \Phi_{40}^{6}\ \Phi_{22}^{2}\ \Phi_{20}^{6}\ \Phi_{11}^{3}\ \Phi_{10}^{4}\ \Phi_{8}^{6}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
85419	1332	121	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{121}^{12}\ \Phi_{11}\ \Phi_{1}^{2}$
85420	1332	1406	$\frac{1}{38}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{1406}\ \Phi_{703}\ \Phi_{74}$
85421	1332	121	$\frac{9}{121}$	$\frac{10}{121}$	$\frac{28}{121}$	$\frac{31}{121}$	$\Phi_{121}^{11}\ \Phi_{11}^{11}\ \Phi_{1}^{12}$
85422	1332	1331	$\frac{27}{1331}$	$\frac{326}{1331}$	$\frac{332}{1331}$	$\frac{335}{1331}$	$\Phi_{1331}\ \Phi_{121}\ \Phi_{11}\ \Phi_{1}^{2}$
85423	1332	1780	$\frac{9}{445}$	$\frac{109}{445}$	$\frac{1}{4}$	$\frac{112}{445}$	$\Phi_{1780}\ \Phi_{890}\ \Phi_{356}\ \Phi_{178}\ \Phi_{20}\ \Phi_{10}$
85424	1332	196	$\frac{1}{49}$	$\frac{12}{49}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{196}^{6}\ \Phi_{98}^{6}\ \Phi_{49}^{9}\ \Phi_{28}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
85425	1332	380	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{380}^{4}\ \Phi_{190}^{5}\ \Phi_{95}^{5}\ \Phi_{20}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
85426	1332	308	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{308}^{4}\ \Phi_{154}^{4}\ \Phi_{77}^{6}\ \Phi_{44}^{4}\ \Phi_{28}^{2}\ \Phi_{22}^{4}\ \Phi_{14}^{2}\ \Phi_{11}^{6}\ \Phi_{7}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
85427	1332	84	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{84}^{14}\ \Phi_{42}^{18}\ \Phi_{28}^{14}\ \Phi_{21}^{17}\ \Phi_{14}^{18}\ \Phi_{12}^{14}\ \Phi_{7}^{17}\ \Phi_{6}^{18}\ \Phi_{4}^{16}\ \Phi_{3}^{17}\ \Phi_{2}^{20}\ \Phi_{1}^{20}$
85428	1332	520	$\frac{3}{40}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{520}^{3}\ \Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{104}^{3}\ \Phi_{65}^{3}\ \Phi_{52}\ \Phi_{26}$
85429	1332	624	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{624}^{3}\ \Phi_{312}^{3}\ \Phi_{208}^{3}\ \Phi_{104}^{3}\ \Phi_{52}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
85430	1332	280	$\frac{3}{40}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{4}$	$\Phi_{280}^5\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^5\ \Phi_{40}^6\ \Phi_{35}^5\ \Phi_{28}^4\ \Phi_{20}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_8^6\ \Phi_7^5\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
85431	1332	460	$\frac{4}{115}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{460}^4\ \Phi_{230}^4\ \Phi_{92}^4\ \Phi_{46}^4\ \Phi_{20}\ \Phi_{10}$
85432	1332	1100	$\frac{2}{55}$	$\frac{53}{275}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1100}^2\ \Phi_{550}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{20}\ \Phi_{10}$
85433	1332	220	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{220}^7\ \Phi_{110}^8\ \Phi_{55}^8\ \Phi_{20}^8\ \Phi_{10}^9\ \Phi_5^8$
85434	1332	660	$\frac{4}{55}$	$\frac{17}{165}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^2\ \Phi_{132}^3\ \Phi_{110}^2\ \Phi_{66}^3\ \Phi_{60}^3\ \Phi_{44}^2\ \Phi_{30}^3\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
85435	1332	40	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{40}^{36}\ \Phi_{20}^{29}\ \Phi_{10}^{33}\ \Phi_8^{36}\ \Phi_5^{32}\ \Phi_4^{28}\ \Phi_2^{32}\ \Phi_1^{32}$
85436	1332	2420	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2420}\ \Phi_{1210}\ \Phi_{20}\ \Phi_{10}$
85437	1332	2340	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{130}\ \Phi_{52}\ \Phi_{26}$
85438	1332	1092	$\frac{1}{13}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1092}^2\ \Phi_{546}\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{182}\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}$
85439	1332	280	$\frac{3}{40}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{280}^5\ \Phi_{140}^5\ \Phi_{70}^5\ \Phi_{56}^5\ \Phi_{40}^6\ \Phi_{35}^5\ \Phi_{20}^6\ \Phi_{10}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_5^6\ \Phi_1^6$
85440	1332	1680	$\frac{1}{12}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{11}{48}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
85441	1332	240	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{11}{48}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{80}^7\ \Phi_{48}^8\ \Phi_{40}^7\ \Phi_{24}^8\ \Phi_{16}^8\ \Phi_{10}^4\ \Phi_8^8\ \Phi_5^3\ \Phi_4^2\ \Phi_1^4$
85442	1332	336	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{11}{48}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^5\ \Phi_{56}^5\ \Phi_{48}^6\ \Phi_{24}^6\ \Phi_{16}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_1^6$
85443	1332	315	$\frac{3}{35}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{8}{35}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{45}^5\ \Phi_{35}^5\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_9^4\ \Phi_7^5\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
85444	1332	210	$\frac{3}{35}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{8}{35}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^6\ \Phi_{42}^7\ \Phi_{35}^7\ \Phi_{30}^6\ \Phi_{21}^7\ \Phi_{15}^6\ \Phi_{14}^7\ \Phi_{10}^6\ \Phi_7^8\ \Phi_6^6\ \Phi_5^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^8$
85445	1332	1820	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{140}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{364}\ \Phi_{260}\ \Phi_{182}\ \Phi_{130}\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}$
85446	1332	121	$\frac{10}{121}$	$\frac{16}{121}$	$\frac{21}{121}$	$\frac{25}{121}$	$\Phi_{121}^{11}\ \Phi_{11}^{11}\ \Phi_1^{12}$
85447	1332	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{5}$	$\Phi_{90}^{16}\ \Phi_{45}^{13}\ \Phi_{30}^{16}\ \Phi_{18}^{16}\ \Phi_{15}^{13}\ \Phi_{10}^{20}\ \Phi_9^{12}\ \Phi_6^{16}\ \Phi_5^{16}\ \Phi_3^{12}\ \Phi_2^{20}\ \Phi_1^{16}$
85448	1332	210	$\frac{1}{10}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{210}^7\ \Phi_{105}^7\ \Phi_{70}^7\ \Phi_{42}^8\ \Phi_{35}^7\ \Phi_{21}^8\ \Phi_{14}^8\ \Phi_{10}^4\ \Phi_7^8\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
85449	1332	315	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{8}{45}$	$\Phi_{315}^5\ \Phi_{105}^5\ \Phi_{45}^6\ \Phi_{35}^5\ \Phi_{15}^6\ \Phi_7^5\ \Phi_5^6\ \Phi_1^6$
85450	1332	42	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{42}^{31}\ \Phi_{21}^{31}\ \Phi_{14}^{31}\ \Phi_7^{36}\ \Phi_6^{30}\ \Phi_3^{30}\ \Phi_2^{30}\ \Phi_1^{36}$
85451	1333	2656	$\frac{5}{1328}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1323}{2656}$	$\Phi_{2656}\ \Phi_{32}\ \Phi_8\ \Phi_1$
85452	1333	2368	$\frac{1}{148}$	$\frac{149}{1184}$	$\frac{1035}{2368}$	$\frac{147}{296}$	$\Phi_{2368}\ \Phi_{296}\ \Phi_{64}\ \Phi_8\ \Phi_1$
85453	1333	1776	$\frac{1}{148}$	$\frac{443}{1776}$	$\frac{149}{592}$	$\frac{147}{296}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{444}\ \Phi_{296}\ \Phi_{222}\ \Phi_{111}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
85454	1333	1602	$\frac{2}{267}$	$\frac{269}{1602}$	$\frac{1}{3}$	$\frac{265}{534}$	$\Phi_{1602}\ \Phi_{801}\ \Phi_{267}\ \Phi_{89}\ \Phi_{18}\ \Phi_9\ \Phi_1$
85455	1333	2640	$\frac{13}{1320}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1307}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{80}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
85456	1333	2640	$\frac{13}{1320}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1307}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}\ \Phi_{15}\ \Phi_5\ \Phi_1$
85457	1333	420	$\frac{1}{42}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{41}{84}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{84}\ \Phi_{70}^6\ \Phi_{60}\ \Phi_{42}^6\ \Phi_{35}^6\ \Phi_{30}^6\ \Phi_{28}\ \Phi_{21}^6\ \Phi_{20}\ \Phi_{15}^6\ \Phi_{14}^6\ \Phi_{12}^2\ \Phi_{10}^6\ \Phi_7^6\ \Phi_6^6\ \Phi_5^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
85458	1333	924	$\frac{1}{42}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{924}^3\ \Phi_{308}^3\ \Phi_{132}^3\ \Phi_{84}\ \Phi_{44}^3\ \Phi_{33}\ \Phi_{28}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
85459	1333	1260	$\frac{1}{42}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{41}{84}$	$\Phi_{1260}^3\ \Phi_{252}^3\ \Phi_{180}^3\ \Phi_{84}\ \Phi_{45}\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
85460	1333	840	$\frac{1}{42}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{41}{84}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
85461	1333	420	$\frac{1}{42}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{41}{84}$	$\Phi_{420}^6\ \Phi_{140}^6\ \Phi_{84}^7\ \Phi_{60}^6\ \Phi_{35}\ \Phi_{28}^7\ \Phi_{20}^6\ \Phi_{12}^7\ \Phi_7\ \Phi_4^7\ \Phi_1$
85462	1333	252	$\frac{1}{42}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{41}{84}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}\ \Phi_{63}^6\ \Phi_{42}^6\ \Phi_{36}^7\ \Phi_{28}\ \Phi_{21}^6\ \Phi_{18}^7\ \Phi_{14}^6\ \Phi_{12}^2\ \Phi_9^7\ \Phi_7^6\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
85463	1333	2592	$\frac{1}{36}$	$\frac{37}{1296}$	$\frac{1259}{2592}$	$\frac{35}{72}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{72}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
85464	1333	1944	$\frac{1}{36}$	$\frac{37}{648}$	$\frac{611}{1944}$	$\frac{35}{72}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{72}\ \Phi_{24}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
85465	1333	1440	$\frac{1}{36}$	$\frac{107}{1440}$	$\frac{37}{144}$	$\frac{35}{72}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
85466	1333	1728	$\frac{1}{36}$	$\frac{37}{432}$	$\frac{395}{1728}$	$\frac{35}{72}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
85467	1333	1512	$\frac{1}{36}$	$\frac{179}{1512}$	$\frac{37}{216}$	$\frac{35}{72}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
85468	1333	2592	$\frac{37}{1296}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1259}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{1}$
85469	1333	2592	$\frac{37}{1296}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1259}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
85470	1333	180	$\frac{1}{30}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{180}^{15}\ \Phi_{60}^{13}\ \Phi_{45}\ \Phi_{36}^{15}\ \Phi_{20}^{13}\ \Phi_{15}\ \Phi_{12}^{13}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}^{13}\ \Phi_{1}$
85471	1333	1260	$\frac{1}{30}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{29}{60}$	$\Phi_{1260}^{3}\ \Phi_{252}^{3}\ \Phi_{180}^{3}\ \Phi_{63}\ \Phi_{60}\ \Phi_{36}^{3}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
85472	1333	840	$\frac{1}{30}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{29}{60}$	$\Phi_{840}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{70}^{2}\ \Phi_{60}\ \Phi_{56}^{3}\ \Phi_{42}^{2}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{28}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
85473	1333	240	$\frac{1}{30}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{29}{60}$	$\Phi_{240}^{6}\ \Phi_{120}^{6}\ \Phi_{80}^{6}\ \Phi_{60}\ \Phi_{48}^{7}\ \Phi_{40}^{6}\ \Phi_{30}^{6}\ \Phi_{24}^{7}\ \Phi_{20}\ \Phi_{16}^{7}\ \Phi_{15}^{6}\ \Phi_{12}^{2}\ \Phi_{10}^{6}\ \Phi_{8}^{7}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
85474	1333	2940	$\frac{1}{30}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{29}{60}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{196}\ \Phi_{60}\ \Phi_{49}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
85475	1333	1800	$\frac{17}{450}$	$\frac{1}{18}$	$\frac{467}{1800}$	$\frac{433}{900}$	$\Phi_{1800}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
85476	1333	1536	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{203}{1536}$	$\frac{181}{384}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
85477	1333	2520	$\frac{1}{18}$	$\frac{73}{1260}$	$\frac{17}{90}$	$\frac{1187}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
85478	1333	2520	$\frac{73}{1260}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1187}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
85479	1333	1620	$\frac{1}{18}$	$\frac{17}{270}$	$\frac{287}{1620}$	$\frac{253}{540}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{90}\ \Phi_{81}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
85480	1333	2496	$\frac{85}{1248}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1163}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
85481	1333	160	$\frac{1}{32}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{160}^{8}\ \Phi_{80}^{7}\ \Phi_{40}^{8}\ \Phi_{32}^{11}\ \Phi_{20}^{8}\ \Phi_{16}^{10}\ \Phi_{10}^{8}\ \Phi_{8}^{11}\ \Phi_{5}^{8}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
85482	1333	1584	$\frac{13}{264}$	$\frac{1}{12}$	$\frac{251}{1584}$	$\frac{11}{24}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
85483	1333	1440	$\frac{107}{1440}$	$\frac{1}{12}$	$\frac{13}{120}$	$\frac{11}{24}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
85484	1333	616	$\frac{1}{44}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{616}^{4}\ \Phi_{88}^{4}\ \Phi_{56}^{3}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
85485	1333	1350	$\frac{17}{1350}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{270}\ \Phi_{225}\ \Phi_{150}\ \Phi_{135}\ \Phi_{90}\ \Phi_{75}\ \Phi_{54}\ \Phi_{50}\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
85486	1333	2352	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{157}{1176}$	$\frac{1019}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
85487	1333	2304	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{181}{1152}$	$\frac{971}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
85488	1333	1440	$\frac{1}{18}$	$\frac{107}{1440}$	$\frac{17}{90}$	$\frac{73}{180}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
85489	1333	72	$\frac{1}{36}$	$\frac{5}{36}$	$\frac{7}{36}$	$\frac{29}{72}$	$\Phi_{72}^{31}\ \Phi_{36}^{6}\ \Phi_{24}^{31}\ \Phi_{18}^{6}\ \Phi_{12}^{6}\ \Phi_{9}^{6}\ \Phi_{8}^{31}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
85490	1333	2160	$\frac{1}{18}$	$\frac{17}{270}$	$\frac{253}{1080}$	$\frac{827}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{144}\ \Phi_{135}\ \Phi_{90}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
85491	1333	2136	$\frac{2}{267}$	$\frac{265}{1068}$	$\frac{1}{3}$	$\frac{803}{2136}$	$\Phi_{2136}\ \Phi_{712}\ \Phi_{267}\ \Phi_{89}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
85492	1333	1992	$\frac{5}{664}$	$\frac{1}{4}$	$\frac{659}{1992}$	$\frac{3}{8}$	$\Phi_{1992}\ \Phi_{996}\ \Phi_{498}\ \Phi_{249}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
85493	1333	1344	$\frac{11}{1344}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
85494	1333	96	$\frac{1}{32}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{96}^{16}\ \Phi_{48}^{15}\ \Phi_{32}^{11}\ \Phi_{24}^{15}\ \Phi_{16}^{10}\ \Phi_{12}^{15}\ \Phi_{8}^{11}\ \Phi_{6}^{15}\ \Phi_{4}^{10}\ \Phi_{3}^{15}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
85495	1333	528	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{528}^{4}\ \Phi_{176}^{4}\ \Phi_{88}^{4}\ \Phi_{48}^{3}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{16}^{3}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
85496	1333	1056	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}^2\ \Phi_{264}\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}^2\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
85497	1333	1404	$\frac{71}{1404}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{54}\ \Phi_{52}\ \Phi_{39}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
85498	1333	2016	$\frac{11}{336}$	$\frac{1}{12}$	$\frac{325}{1008}$	$\frac{683}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
85499	1333	495	$\frac{2}{45}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{495}^3\ \Phi_{165}^3\ \Phi_{99}^3\ \Phi_{55}^3\ \Phi_{45}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_9\ \Phi_5\ \Phi_1$
85500	1333	1980	$\frac{13}{660}$	$\frac{2}{15}$	$\frac{647}{1980}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{198}\ \Phi_{180}\ \Phi_{99}\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
85501	1333	693	$\frac{1}{21}$	$\frac{2}{33}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{693}^3\ \Phi_{99}^3\ \Phi_{63}\ \Phi_{33}\ \Phi_{11}\ \Phi_9\ \Phi_1$
85502	1333	45	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{45}^{29}\ \Phi_{15}^{31}\ \Phi_9^{29}\ \Phi_5^{31}\ \Phi_3^{30}\ \Phi_1^{31}$
85503	1333	1848	$\frac{2}{33}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{56}\ \Phi_{44}\ \Phi_{33}\ \Phi_{28}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
85504	1333	360	$\frac{2}{45}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^4\ \Phi_{72}^5\ \Phi_{60}^4\ \Phi_{45}\ \Phi_{40}^5\ \Phi_{36}^5\ \Phi_{24}^4\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{12}^4\ \Phi_9\ \Phi_8^5\ \Phi_5\ \Phi_4^5\ \Phi_1$
85505	1333	1380	$\frac{47}{1380}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}\ \Phi_{230}\ \Phi_{138}\ \Phi_{115}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_{15}\ \Phi_5\ \Phi_1$
85506	1333	315	$\frac{2}{45}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{315}^5\ \Phi_{105}^4\ \Phi_{63}^5\ \Phi_{45}\ \Phi_{35}^5\ \Phi_{21}^4\ \Phi_{15}\ \Phi_9\ \Phi_7^5\ \Phi_5\ \Phi_1$
85507	1333	1650	$\frac{13}{330}$	$\frac{2}{15}$	$\frac{317}{1650}$	$\frac{1}{3}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{275}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_1$
85508	1333	180	$\frac{2}{45}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{180}^9\ \Phi_{90}^6\ \Phi_{60}^9\ \Phi_{45}^7\ \Phi_{36}^7\ \Phi_{30}^6\ \Phi_{20}^9\ \Phi_{18}^4\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}^6\ \Phi_9^5\ \Phi_6^6\ \Phi_5^7\ \Phi_4^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
85509	1333	528	$\frac{2}{33}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{48}\ \Phi_{44}^3\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
85510	1333	1617	$\frac{2}{33}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{49}\ \Phi_{33}\ \Phi_{11}\ \Phi_1$
85511	1333	1440	$\frac{107}{1440}$	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
85512	1333	1485	$\frac{13}{165}$	$\frac{152}{1485}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{135}\ \Phi_{99}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
85513	1333	315	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{20}{63}$	$\Phi_{315}^3\ \Phi_{105}^6\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{35}^6\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_9^5\ \Phi_7^6\ \Phi_5^6\ \Phi_3^6\ \Phi_1^7$
85514	1333	2520	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{20}{63}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{504}\ \Phi_{360}\ \Phi_{252}\ \Phi_{180}\ \Phi_{72}\ \Phi_{63}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
85515	1333	315	$\frac{1}{21}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{20}{63}$	$\Phi_{315}^6\ \Phi_{63}^7\ \Phi_{45}^6\ \Phi_{35}\ \Phi_9^7\ \Phi_7\ \Phi_1$
85516	1333	252	$\frac{1}{21}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{20}{63}$	$\Phi_{252}^6\ \Phi_{126}^3\ \Phi_{84}^6\ \Phi_{63}^4\ \Phi_{42}^6\ \Phi_{36}^7\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{18}^4\ \Phi_{14}^6\ \Phi_{12}^7\ \Phi_9^5\ \Phi_7^6\ \Phi_6^6\ \Phi_4^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
85517	1333	1944	$\frac{1}{18}$	$\frac{37}{648}$	$\frac{611}{1944}$	$\frac{17}{54}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{54}\ \Phi_{27}\ \Phi_1$
85518	1333	1728	$\frac{1}{18}$	$\frac{37}{432}$	$\frac{395}{1728}$	$\frac{17}{54}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_1$
85519	1333	1458	$\frac{1}{18}$	$\frac{125}{1458}$	$\frac{37}{162}$	$\frac{17}{54}$	$\Phi_{1458}\ \Phi_{729}\ \Phi_{486}\ \Phi_{243}\ \Phi_{54}\ \Phi_{27}\ \Phi_1$
85520	1333	1620	$\frac{1}{18}$	$\frac{37}{324}$	$\frac{287}{1620}$	$\frac{17}{54}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
85521	1333	1512	$\frac{1}{18}$	$\frac{179}{1512}$	$\frac{37}{216}$	$\frac{17}{54}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
85522	1333	1728	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{395}{1728}$	$\frac{181}{576}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
85523	1333	2520	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{14}{45}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{504}\ \Phi_{360}\ \Phi_{252}\ \Phi_{180}\ \Phi_{72}\ \Phi_{56}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
85524	1333	720	$\frac{1}{15}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{14}{45}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{72}^3\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}^3\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
85525	1333	2205	$\frac{1}{15}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{14}{45}$	$\Phi_{2205}\ \Phi_{441}\ \Phi_{49}\ \Phi_{45}\ \Phi_9\ \Phi_1$
85526	1333	1890	$\frac{1}{18}$	$\frac{73}{630}$	$\frac{17}{90}$	$\frac{557}{1890}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
85527	1333	1512	$\frac{1}{12}$	$\frac{179}{1512}$	$\frac{11}{84}$	$\frac{73}{252}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
85528	1333	480	$\frac{1}{32}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{32}^3\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
85529	1333	1440	$\frac{107}{1440}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{144}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
85530	1333	280	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{13}{56}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^6\ \Phi_{56}^5\ \Phi_{40}^5\ \Phi_{35}^6\ \Phi_{28}^5\ \Phi_{20}^5\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_8^6\ \Phi_7^6\ \Phi_5^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
85531	1333	280	$\frac{1}{14}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{13}{56}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{56}^7\ \Phi_{40}^6\ \Phi_{35}\ \Phi_{28}^7\ \Phi_{20}^6\ \Phi_8^7\ \Phi_7\ \Phi_4^7\ \Phi_1$
85532	1333	504	$\frac{1}{14}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{13}{56}$	$\Phi_{504}^4\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{72}^4\ \Phi_{63}^2\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{12}\ \Phi_9^3\ \Phi_8^3\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
85533	1333	1728	$\frac{1}{12}$	$\frac{37}{432}$	$\frac{395}{1728}$	$\frac{11}{48}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
85534	1333	240	$\frac{1}{10}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{9}{40}$	$\Phi_{240}^6\ \Phi_{120}^4\ \Phi_{80}^6\ \Phi_{60}^4\ \Phi_{48}^7\ \Phi_{40}^5\ \Phi_{30}^6\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{16}^7\ \Phi_{15}^6\ \Phi_{12}^5\ \Phi_{10}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_5^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
85535	1333	1960	$\frac{1}{10}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{9}{40}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{392}\ \Phi_{196}\ \Phi_{49}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
85536	1333	1680	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{420}$	$\frac{347}{1680}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{84}\ \Phi_{80}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
85537	1333	1680	$\frac{5}{48}$	$\frac{4}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
85538	1333	245	$\frac{4}{35}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{245}^6\ \Phi_{49}^7\ \Phi_{35}\ \Phi_7\ \Phi_1$
85539	1333	144	$\frac{5}{48}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{144}^{12}\ \Phi_{72}^{12}\ \Phi_{48}^7\ \Phi_{36}^7\ \Phi_{24}^7\ \Phi_{18}^7\ \Phi_{16}^7\ \Phi_{12}^2\ \Phi_9^7\ \Phi_8^7\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
85540	1333	252	$\frac{5}{42}$	$\frac{5}{36}$	$\frac{37}{252}$	$\frac{1}{6}$	$\Phi_{252}^5\ \Phi_{126}^5\ \Phi_{84}^5\ \Phi_{63}^5\ \Phi_{42}^6\ \Phi_{36}^6\ \Phi_{28}^5\ \Phi_{21}^6\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_9^6\ \Phi_7^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
85541	1333	1764	$\frac{6}{49}$	$\frac{5}{36}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{196}\ \Phi_{49}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
85542	1334	3984	$\frac{3}{664}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{661}{1328}$	$\Phi_{3984}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
85543	1334	2508	$\frac{1}{57}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{28}{57}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{228}\ \Phi_{132}\ \Phi_{76}\ \Phi_{57}\ \Phi_{44}^2\ \Phi_{19}\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
85544	1334	627	$\frac{1}{57}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{28}{57}$	$\Phi_{627}^2\ \Phi_{209}^2\ \Phi_{57}^3\ \Phi_{33}^3\ \Phi_{19}^3\ \Phi_{11}^2\ \Phi_3^4\ \Phi_1^4$
85545	1334	2520	$\frac{1}{45}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{22}{45}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{72}\ \Phi_{56}^2\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_9\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
85546	1334	630	$\frac{1}{45}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{22}{45}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^3\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^3\ \Phi_7^2\ \Phi_6^3\ \Phi_5^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
85547	1334	1440	$\frac{1}{45}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{22}{45}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_9\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
85548	1334	315	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{22}{45}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{45}^5\ \Phi_{35}^5\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_9^5\ \Phi_7^4\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
85549	1334	1290	$\frac{1}{43}$	$\frac{22}{645}$	$\frac{623}{1290}$	$\frac{21}{43}$	$\Phi_{1290}^2\ \Phi_{430}^2\ \Phi_{258}^2\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
85550	1334	860	$\frac{1}{43}$	$\frac{22}{215}$	$\frac{193}{860}$	$\frac{21}{43}$	$\Phi_{860}^2\ \Phi_{430}^2\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
85551	1334	774	$\frac{1}{43}$	$\frac{107}{774}$	$\frac{22}{129}$	$\frac{21}{43}$	$\Phi_{774}^2\ \Phi_{387}^2\ \Phi_{258}^2\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
85552	1334	1302	$\frac{16}{651}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{635}{1302}$	$\Phi_{1302}^2\ \Phi_{434}^2\ \Phi_{186}^2\ \Phi_{62}^2\ \Phi_{42}^2\ \Phi_{31}\ \Phi_{14}^2\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
85553	1334	31	$\frac{1}{31}$	$\frac{2}{31}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{31}^{43}\ \Phi_1^{44}$
85554	1334	868	$\frac{1}{31}$	$\frac{16}{217}$	$\frac{201}{868}$	$\frac{15}{31}$	$\Phi_{868}^2\ \Phi_{434}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
85555	1334	744	$\frac{1}{31}$	$\frac{77}{744}$	$\frac{16}{93}$	$\frac{15}{31}$	$\Phi_{744}^2\ \Phi_{372}^2\ \Phi_{248}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
85556	1334	168	$\frac{1}{28}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{168}^7\ \Phi_{84}^8\ \Phi_{56}^8\ \Phi_{42}^8\ \Phi_{28}^8\ \Phi_{24}^9\ \Phi_{21}^8\ \Phi_{14}^8\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_7^8\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
85557	1334	840	$\frac{1}{28}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{27}{56}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{56}^4\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85558	1334	1400	$\frac{1}{28}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{27}{56}$	$\Phi_{1400}^2\ \Phi_{280}\ \Phi_{200}^2\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{25}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
85559	1334	1512	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{27}{56}$	$\Phi_{1512}^2\ \Phi_{504}\ \Phi_{216}^2\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
85560	1334	660	$\frac{1}{30}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{660}^4\ \Phi_{220}^4\ \Phi_{132}^3\ \Phi_{60}^4\ \Phi_{44}^4\ \Phi_{30}^2\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85561	1334	836	$\frac{1}{22}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{21}{44}$	$\Phi_{836}^3\ \Phi_{76}^3\ \Phi_{44}^4\ \Phi_{38}^2\ \Phi_{19}\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
85562	1334	43	$\frac{1}{43}$	$\frac{3}{43}$	$\frac{14}{43}$	$\frac{20}{43}$	$\Phi_{43}^{31}\ \Phi_1^{32}$
85563	1334	2538	$\frac{1}{47}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{2538}\ \Phi_{846}\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}$
85564	1334	1240	$\frac{1}{31}$	$\frac{47}{620}$	$\frac{15}{62}$	$\frac{573}{1240}$	$\Phi_{1240}^2\ \Phi_{248}^2\ \Phi_{62}^2\ \Phi_{40}^2\ \Phi_{31}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
85565	1334	2478	$\frac{1}{59}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{2478}\ \Phi_{826}\ \Phi_{354}\ \Phi_{177}\ \Phi_{118}$
85566	1334	1880	$\frac{1}{47}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1880}\ \Phi_{470}\ \Phi_{376}\ \Phi_{235}\ \Phi_{94}$
85567	1334	1204	$\frac{1}{43}$	$\frac{65}{602}$	$\frac{21}{86}$	$\frac{537}{1204}$	$\Phi_{1204}^2\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
85568	1334	1888	$\frac{1}{59}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1888}\ \Phi_{472}\ \Phi_{236}\ \Phi_{118}$
85569	1334	2360	$\frac{1}{59}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{2360}\ \Phi_{472}\ \Phi_{236}\ \Phi_{118}$
85570	1334	2350	$\frac{1}{47}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{2350}\ \Phi_{470}\ \Phi_{235}\ \Phi_{94}$
85571	1334	1692	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{423}\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}$
85572	1334	2256	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{2256}\ \Phi_{752}\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}$
85573	1334	744	$\frac{1}{31}$	$\frac{77}{744}$	$\frac{15}{62}$	$\frac{47}{124}$	$\Phi_{744}^2\ \Phi_{372}^2\ \Phi_{248}^2\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
85574	1334	672	$\frac{5}{672}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85575	1334	2124	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{2124}\ \Phi_{708}\ \Phi_{354}\ \Phi_{236}\ \Phi_{177}\ \Phi_{118}$
85576	1334	1032	$\frac{1}{43}$	$\frac{21}{172}$	$\frac{151}{516}$	$\frac{365}{1032}$	$\Phi_{1032}^2\ \Phi_{344}^2\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
85577	1334	1023	$\frac{1}{31}$	$\frac{30}{341}$	$\frac{311}{1023}$	$\frac{356}{1023}$	$\Phi_{1023}\ \Phi_{341}^2\ \Phi_{93}\ \Phi_{33}\ \Phi_{31}\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
85578	1334	1002	$\frac{1}{167}$	$\frac{166}{501}$	$\frac{1}{3}$	$\frac{335}{1002}$	$\Phi_{1002}^2\ \Phi_{501}\ \Phi_{334}^2\ \Phi_6^2\ \Phi_2^2$
85579	1334	996	$\frac{3}{332}$	$\frac{1}{4}$	$\frac{329}{996}$	$\frac{1}{3}$	$\Phi_{996}\ \Phi_{498}\ \Phi_{332}^2\ \Phi_{249}\ \Phi_{166}^2\ \Phi_{83}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85580	1334	168	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{168}^8\ \Phi_{84}^8\ \Phi_{56}^8\ \Phi_{42}^7\ \Phi_{28}^8\ \Phi_{24}^{10}\ \Phi_{21}^7\ \Phi_{14}^6\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_7^6\ \Phi_6^9\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
85581	1334	330	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{55}^4\ \Phi_{33}^3\ \Phi_{30}^6\ \Phi_{22}^4\ \Phi_{15}^6\ \Phi_{11}^2\ \Phi_{10}^6\ \Phi_6^6\ \Phi_5^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
85582	1334	96	$\frac{1}{24}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{96}^{15}\ \Phi_{48}^{15}\ \Phi_{32}^{16}\ \Phi_{24}^9\ \Phi_{16}^{16}\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
85583	1334	1692	$\frac{1}{47}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{564}\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{94}$
85584	1334	840	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85585	1334	210	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{7}{30}$	$\frac{13}{42}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^6\ \Phi_{42}^7\ \Phi_{35}^6\ \Phi_{30}^8\ \Phi_{21}^7\ \Phi_{15}^7\ \Phi_{14}^6\ \Phi_{10}^8\ \Phi_7^6\ \Phi_6^9\ \Phi_5^7\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
85586	1334	1050	$\frac{1}{14}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{210}\ \Phi_{150}^2\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{42}^2\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
85587	1334	378	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{13}{42}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{54}^4\ \Phi_{42}^3\ \Phi_{27}^6\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^3\ \Phi_7^2\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
85588	1334	1254	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{9}{38}$	$\frac{10}{33}$	$\Phi_{1254}^2\ \Phi_{627}\ \Phi_{114}^2\ \Phi_{66}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{33}^2\ \Phi_{19}\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
85589	1334	930	$\frac{1}{31}$	$\frac{47}{310}$	$\frac{15}{62}$	$\frac{263}{930}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
85590	1334	31	$\frac{2}{31}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{31}^{43}\ \Phi_1^{44}$
85591	1334	480	$\frac{1}{15}$	$\frac{3}{32}$	$\frac{7}{30}$	$\frac{1}{4}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{32}^4\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{16}^4\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85592	1334	800	$\frac{2}{25}$	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{800}^2\ \Phi_{400}^2\ \Phi_{200}^2\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}^2\ \Phi_{25}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
85593	1334	864	$\frac{3}{32}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{4}$	$\Phi_{864}^{2}\,\Phi_{432}^{2}\,\Phi_{288}\,\Phi_{216}^{2}\,\Phi_{144}\,\Phi_{96}\,\Phi_{72}\,\Phi_{48}\,\Phi_{32}^{2}\,\Phi_{27}^{2}\,\Phi_{24}\,\Phi_{16}^{2}\,\Phi_{9}\,\Phi_{8}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
85594	1334	210	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{7}{30}$	$\Phi_{210}^{8}\,\Phi_{105}^{4}\,\Phi_{70}^{8}\,\Phi_{42}^{8}\,\Phi_{35}^{5}\,\Phi_{30}^{10}\,\Phi_{21}^{4}\,\Phi_{15}^{5}\,\Phi_{14}^{8}\,\Phi_{10}^{10}\,\Phi_{7}^{4}\,\Phi_{6}^{10}\,\Phi_{5}^{6}\,\Phi_{3}^{5}\,\Phi_{2}^{10}\,\Phi_{1}^{6}$
85595	1334	175	$\frac{2}{25}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{175}^{8}\,\Phi_{35}^{5}\,\Phi_{25}^{10}\,\Phi_{7}^{4}\,\Phi_{5}^{6}\,\Phi_{1}^{6}$
85596	1334	945	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{27}$	$\frac{6}{35}$	$\Phi_{945}^{2}\,\Phi_{315}\,\Phi_{135}^{2}\,\Phi_{105}\,\Phi_{45}\,\Phi_{35}^{2}\,\Phi_{27}^{2}\,\Phi_{15}\,\Phi_{9}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
85597	1335	1064	$\frac{1}{266}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{265}{532}$	$\Phi_{1064}^{2}\,\Phi_{532}\,\Phi_{152}^{2}\,\Phi_{76}\,\Phi_{56}^{2}\,\Phi_{28}\,\Phi_{8}^{3}\,\Phi_{4}\,\Phi_{1}$
85598	1335	1232	$\frac{1}{88}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{87}{176}$	$\Phi_{1232}^{2}\,\Phi_{176}^{3}\,\Phi_{112}^{2}\,\Phi_{28}\,\Phi_{16}^{3}\,\Phi_{4}\,\Phi_{1}$
85599	1335	1232	$\frac{1}{88}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{87}{176}$	$\Phi_{1232}^{2}\,\Phi_{176}^{3}\,\Phi_{112}^{2}\,\Phi_{16}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
85600	1335	528	$\frac{1}{88}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{87}{176}$	$\Phi_{528}^{6}\,\Phi_{176}^{3}\,\Phi_{48}^{6}\,\Phi_{16}^{3}\,\Phi_{12}^{2}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
85601	1335	2552	$\frac{1}{58}$	$\frac{59}{1276}$	$\frac{1217}{2552}$	$\frac{57}{116}$	$\Phi_{2552}\,\Phi_{232}\,\Phi_{116}\,\Phi_{88}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
85602	1335	2576	$\frac{1}{46}$	$\frac{47}{1288}$	$\frac{1241}{2576}$	$\frac{45}{92}$	$\Phi_{2576}\,\Phi_{368}\,\Phi_{112}\,\Phi_{92}\,\Phi_{16}\,\Phi_{4}\,\Phi_{1}$
85603	1335	644	$\frac{1}{46}$	$\frac{47}{644}$	$\frac{199}{644}$	$\frac{45}{92}$	$\Phi_{644}^{2}\,\Phi_{322}^{2}\,\Phi_{161}^{2}\,\Phi_{92}^{3}\,\Phi_{46}^{2}\,\Phi_{28}^{2}\,\Phi_{23}^{2}\,\Phi_{14}^{2}\,\Phi_{7}^{2}\,\Phi_{4}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
85604	1335	1472	$\frac{1}{46}$	$\frac{137}{1472}$	$\frac{47}{184}$	$\frac{45}{92}$	$\Phi_{1472}\,\Phi_{736}\,\Phi_{368}\,\Phi_{92}\,\Phi_{64}\,\Phi_{32}\,\Phi_{16}\,\Phi_{4}\,\Phi_{1}$
85605	1335	1392	$\frac{2}{87}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{1392}\,\Phi_{696}\,\Phi_{464}\,\Phi_{348}\,\Phi_{232}\,\Phi_{116}\,\Phi_{87}\,\Phi_{48}^{2}\,\Phi_{29}\,\Phi_{24}^{2}\,\Phi_{16}\,\Phi_{12}^{2}\,\Phi_{8}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
85606	1335	240	$\frac{1}{30}$	$\frac{1}{16}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{240}^{6}\,\Phi_{120}^{5}\,\Phi_{80}^{6}\,\Phi_{60}^{6}\,\Phi_{48}^{6}\,\Phi_{40}^{5}\,\Phi_{30}^{5}\,\Phi_{24}^{5}\,\Phi_{20}^{6}\,\Phi_{16}^{5}\,\Phi_{15}^{5}\,\Phi_{12}^{6}\,\Phi_{10}^{5}\,\Phi_{8}^{4}\,\Phi_{6}^{5}\,\Phi_{5}^{5}\,\Phi_{4}^{5}\,\Phi_{3}^{5}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
85607	1335	1360	$\frac{4}{85}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{81}{170}$	$\Phi_{1360}\,\Phi_{680}\,\Phi_{340}\,\Phi_{272}\,\Phi_{136}\,\Phi_{85}\,\Phi_{80}^{2}\,\Phi_{68}\,\Phi_{40}^{2}\,\Phi_{20}^{2}\,\Phi_{17}\,\Phi_{16}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
85608	1335	432	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{432}^{4}\,\Phi_{216}^{4}\,\Phi_{144}^{2}\,\Phi_{108}^{3}\,\Phi_{72}^{2}\,\Phi_{54}^{3}\,\Phi_{48}^{2}\,\Phi_{36}^{2}\,\Phi_{27}^{3}\,\Phi_{24}^{2}\,\Phi_{18}\,\Phi_{16}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{8}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
85609	1335	336	$\frac{5}{84}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{79}{168}$	$\Phi_{336}^{4}\,\Phi_{168}^{3}\,\Phi_{112}^{4}\,\Phi_{84}^{4}\,\Phi_{56}^{3}\,\Phi_{48}^{6}\,\Phi_{42}^{4}\,\Phi_{28}^{4}\,\Phi_{24}^{5}\,\Phi_{21}^{4}\,\Phi_{16}^{5}\,\Phi_{14}^{4}\,\Phi_{12}^{6}\,\Phi_{8}^{4}\,\Phi_{7}^{4}\,\Phi_{6}^{5}\,\Phi_{4}^{5}\,\Phi_{3}^{5}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
85610	1335	924	$\frac{1}{44}$	$\frac{1}{14}$	$\frac{43}{132}$	$\frac{13}{28}$	$\Phi_{924}^{2}\,\Phi_{462}^{2}\,\Phi_{231}^{2}\,\Phi_{132}^{3}\,\Phi_{84}^{2}\,\Phi_{66}^{3}\,\Phi_{42}^{2}\,\Phi_{33}^{3}\,\Phi_{28}\,\Phi_{21}^{2}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}\,\Phi_{3}^{3}\,\Phi_{1}$
85611	1335	644	$\frac{3}{92}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{644}^{2}\,\Phi_{322}^{2}\,\Phi_{161}^{2}\,\Phi_{92}^{3}\,\Phi_{46}^{3}\,\Phi_{28}\,\Phi_{23}^{3}\,\Phi_{4}\,\Phi_{1}$
85612	1335	1540	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{21}{110}$	$\frac{13}{28}$	$\Phi_{1540}^{2}\,\Phi_{220}^{2}\,\Phi_{140}^{2}\,\Phi_{110}\,\Phi_{55}\,\Phi_{28}\,\Phi_{20}^{2}\,\Phi_{10}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
85613	1335	672	$\frac{1}{14}$	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{13}{28}$	$\Phi_{672}^{2}\,\Phi_{336}^{2}\,\Phi_{224}^{2}\,\Phi_{168}^{2}\,\Phi_{112}^{2}\,\Phi_{96}^{3}\,\Phi_{84}^{2}\,\Phi_{48}^{3}\,\Phi_{42}^{2}\,\Phi_{32}^{3}\,\Phi_{28}\,\Phi_{24}^{3}\,\Phi_{21}^{2}\,\Phi_{16}^{3}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}\,\Phi_{3}^{3}\,\Phi_{1}$
85614	1335	2772	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{13}{28}$	$\Phi_{2772}\,\Phi_{924}\,\Phi_{396}\,\Phi_{252}\,\Phi_{132}\,\Phi_{99}\,\Phi_{84}\,\Phi_{36}\,\Phi_{33}\,\Phi_{28}\,\Phi_{12}\,\Phi_{9}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
85615	1335	828	$\frac{1}{46}$	$\frac{31}{414}$	$\frac{15}{46}$	$\frac{383}{828}$	$\Phi_{828}^{3}\,\Phi_{276}^{3}\,\Phi_{92}^{3}\,\Phi_{46}^{2}\,\Phi_{36}^{3}\,\Phi_{23}^{2}\,\Phi_{12}^{3}\,\Phi_{4}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
85616	1335	812	$\frac{1}{58}$	$\frac{39}{406}$	$\frac{19}{58}$	$\frac{367}{812}$	$\Phi_{812}^{3}\,\Phi_{116}^{3}\,\Phi_{58}^{2}\,\Phi_{29}^{2}\,\Phi_{28}^{3}\,\Phi_{4}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
85617	1335	368	$\frac{1}{46}$	$\frac{9}{92}$	$\frac{101}{368}$	$\frac{83}{184}$	$\Phi_{368}^{5}\,\Phi_{92}^{5}\,\Phi_{46}^{4}\,\Phi_{23}^{4}\,\Phi_{16}^{5}\,\Phi_{4}^{5}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
85618	1335	1296	$\frac{1}{16}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{162}$	$\Phi_{1296}\,\Phi_{648}\,\Phi_{432}\,\Phi_{324}\,\Phi_{216}\,\Phi_{144}^{2}\,\Phi_{108}\,\Phi_{81}\,\Phi_{72}^{2}\,\Phi_{48}^{2}\,\Phi_{36}^{2}\,\Phi_{27}\,\Phi_{24}^{2}\,\Phi_{18}\,\Phi_{16}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{8}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
85619	1335	400	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{9}{20}$	$\Phi_{400}^{4}\,\Phi_{200}^{4}\,\Phi_{100}^{3}\,\Phi_{80}^{2}\,\Phi_{50}^{3}\,\Phi_{40}^{2}\,\Phi_{25}^{3}\,\Phi_{20}^{2}\,\Phi_{16}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
85620	1335	160	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{160}$	$\Phi_{160}^{15}\,\Phi_{80}^{2}\,\Phi_{40}^{2}\,\Phi_{32}^{15}\,\Phi_{20}^{2}\,\Phi_{16}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
85621	1335	1856	$\frac{1}{58}$	$\frac{57}{464}$	$\frac{521}{1856}$	$\frac{407}{928}$	$\Phi_{1856}\,\Phi_{464}\,\Phi_{232}\,\Phi_{116}\,\Phi_{64}\,\Phi_{16}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
85622	1335	464	$\frac{1}{58}$	$\frac{35}{232}$	$\frac{57}{232}$	$\frac{197}{464}$	$\Phi_{464}^{5}\,\Phi_{232}\,\Phi_{116}\,\Phi_{16}^{5}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
85623	1335	460	$\frac{1}{46}$	$\frac{37}{230}$	$\frac{9}{46}$	$\frac{193}{460}$	$\Phi_{460}^{5}\,\Phi_{92}^{5}\,\Phi_{46}^{4}\,\Phi_{23}^{4}\,\Phi_{20}^{5}\,\Phi_{4}^{5}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
85624	1335	552	$\frac{1}{46}$	$\frac{15}{92}$	$\frac{107}{552}$	$\frac{77}{184}$	$\Phi_{552}^{3}\,\Phi_{276}^{3}\,\Phi_{138}^{3}\,\Phi_{92}^{3}\,\Phi_{69}^{3}\,\Phi_{46}^{2}\,\Phi_{24}^{3}\,\Phi_{23}^{2}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{3}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
85625	1335	96	$\frac{1}{16}$	$\frac{7}{96}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{96}^{15}\,\Phi_{48}^{13}\,\Phi_{32}^{15}\,\Phi_{24}^{13}\,\Phi_{16}^{12}\,\Phi_{12}^{14}\,\Phi_{8}^{12}\,\Phi_{6}^{13}\,\Phi_{4}^{13}\,\Phi_{3}^{13}\,\Phi_{2}^{12}\,\Phi_{1}^{13}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
85626	1335	1200	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{61}{150}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}^2\ \Phi_{200}\ \Phi_{120}^2\ \Phi_{100}\ \Phi_{80}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
85627	1335	736	$\frac{1}{46}$	$\frac{15}{92}$	$\frac{77}{368}$	$\frac{291}{736}$	$\Phi_{736}^3\ \Phi_{92}^3\ \Phi_{46}^2\ \Phi_{32}^3\ \Phi_{23}^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
85628	1335	144	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{17}{72}$	$\frac{55}{144}$	$\Phi_{144}^9\ \Phi_{72}^{10}\ \Phi_{48}^9\ \Phi_{36}^{10}\ \Phi_{24}^{10}\ \Phi_{18}^9\ \Phi_{16}^8\ \Phi_{12}^{10}\ \Phi_9^9\ \Phi_8^9\ \Phi_6^9\ \Phi_4^9\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
85629	1335	1064	$\frac{1}{133}$	$\frac{1}{4}$	$\frac{44}{133}$	$\frac{3}{8}$	$\Phi_{1064}^2\ \Phi_{152}^2\ \Phi_{133}^2\ \Phi_{56}^2\ \Phi_{19}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
85630	1335	360	$\frac{1}{90}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^6\ \Phi_{180}^2\ \Phi_{120}^6\ \Phi_{90}\ \Phi_{72}^6\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{40}^6\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}^6\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
85631	1335	816	$\frac{5}{272}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}\ \Phi_{204}^2\ \Phi_{136}\ \Phi_{102}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{48}^2\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
85632	1335	728	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{728}^3\ \Phi_{104}^3\ \Phi_{91}^3\ \Phi_{56}^2\ \Phi_{13}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
85633	1335	304	$\frac{1}{38}$	$\frac{37}{304}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{304}^5\ \Phi_{152}^3\ \Phi_{76}^5\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{16}^5\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
85634	1335	280	$\frac{13}{280}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^5\ \Phi_{140}^5\ \Phi_{70}^5\ \Phi_{56}^3\ \Phi_{40}^5\ \Phi_{35}^5\ \Phi_{28}^5\ \Phi_{20}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_8^4\ \Phi_7^4\ \Phi_5^5\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
85635	1335	760	$\frac{1}{19}$	$\frac{6}{95}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{760}^3\ \Phi_{152}^2\ \Phi_{95}^3\ \Phi_{40}^3\ \Phi_{19}^2\ \Phi_8^3\ \Phi_5^3\ \Phi_1^3$
85636	1335	696	$\frac{1}{58}$	$\frac{19}{116}$	$\frac{97}{348}$	$\frac{251}{696}$	$\Phi_{696}^3\ \Phi_{232}^3\ \Phi_{116}^3\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
85637	1335	402	$\frac{1}{67}$	$\frac{1}{6}$	$\frac{22}{67}$	$\frac{45}{134}$	$\Phi_{402}^4\ \Phi_{201}^4\ \Phi_{134}\ \Phi_{67}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
85638	1335	667	$\frac{4}{667}$	$\frac{221}{667}$	$\frac{222}{667}$	$\frac{223}{667}$	$\Phi_{667}^2\ \Phi_{29}^2\ \Phi_{23}^2\ \Phi_1^3$
85639	1335	573	$\frac{2}{191}$	$\frac{128}{573}$	$\frac{63}{191}$	$\frac{1}{3}$	$\Phi_{573}^2\ \Phi_{191}^3\ \Phi_3\ \Phi_1^3$
85640	1335	552	$\frac{1}{46}$	$\frac{107}{552}$	$\frac{31}{138}$	$\frac{15}{46}$	$\Phi_{552}^3\ \Phi_{276}^3\ \Phi_{184}^3\ \Phi_{92}^3\ \Phi_{46}^2\ \Phi_{24}^3\ \Phi_{23}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
85641	1335	924	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{43}{132}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{231}^2\ \Phi_{132}^3\ \Phi_{84}^2\ \Phi_{66}^3\ \Phi_{42}^2\ \Phi_{33}^3\ \Phi_{21}^2\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
85642	1335	132	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{43}{132}$	$\Phi_{132}^9\ \Phi_{66}^9\ \Phi_{44}^{12}\ \Phi_{33}^9\ \Phi_{22}^{12}\ \Phi_{12}^{11}\ \Phi_{11}^{12}\ \Phi_6^{10}\ \Phi_4^{13}\ \Phi_3^{10}\ \Phi_2^{12}\ \Phi_1^{13}$
85643	1335	432	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^4\ \Phi_{108}^2\ \Phi_{72}^4\ \Phi_{54}^2\ \Phi_{48}^4\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{24}^4\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
85644	1335	1008	$\frac{1}{16}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{126}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{252}^2\ \Phi_{144}^2\ \Phi_{126}\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
85645	1335	644	$\frac{3}{92}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{644}^2\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{23}^3\ \Phi_7^2\ \Phi_1^3$
85646	1335	770	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{21}{110}$	$\frac{2}{7}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{110}^3\ \Phi_{70}^2\ \Phi_{55}^3\ \Phi_{35}^2\ \Phi_{10}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
85647	1335	672	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}^3\ \Phi_{84}^2\ \Phi_{48}^3\ \Phi_{42}^2\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
85648	1335	693	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}^3\ \Phi_{63}^2\ \Phi_{33}^3\ \Phi_{21}^2\ \Phi_9^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
85649	1335	92	$\frac{3}{92}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{92}^{15}\ \Phi_{46}^{14}\ \Phi_{23}^{14}\ \Phi_4^{15}\ \Phi_2^{14}\ \Phi_1^{15}$
85650	1335	240	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{240}^8\ \Phi_{120}^7\ \Phi_{80}^2\ \Phi_{60}^7\ \Phi_{48}^8\ \Phi_{40}^2\ \Phi_{30}^7\ \Phi_{24}^7\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}\ \Phi_8\ \Phi_6^7\ \Phi_5\ \Phi_4\ \Phi_3^7\ \Phi_1$
85651	1335	276	$\frac{3}{92}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{276}^6\ \Phi_{138}^6\ \Phi_{92}^3\ \Phi_{69}^6\ \Phi_{46}^3\ \Phi_{23}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
85652	1335	1056	$\frac{3}{88}$	$\frac{1}{6}$	$\frac{85}{352}$	$\frac{1}{4}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}\ \Phi_{176}\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
85653	1335	660	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{21}{110}$	$\frac{1}{4}$	$\Phi_{660}^4\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{110}\ \Phi_{60}^4\ \Phi_{55}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
85654	1335	924	$\frac{3}{44}$	$\frac{41}{308}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}\ \Phi_{231}^2\ \Phi_{154}\ \Phi_{84}^2\ \Phi_{77}\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
85655	1335	96	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{96}^{15}\ \Phi_{48}^{15}\ \Phi_{32}^{15}\ \Phi_{24}^9\ \Phi_{16}^{15}\ \Phi_{12}^{11}\ \Phi_8^{12}\ \Phi_6^{10}\ \Phi_4^{13}\ \Phi_3^{10}\ \Phi_2^{12}\ \Phi_1^{13}$
85656	1335	396	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{396}^5\ \Phi_{198}^2\ \Phi_{132}^3\ \Phi_{99}^3\ \Phi_{66}\ \Phi_{44}^4\ \Phi_{36}^5\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^5\ \Phi_{11}^2\ \Phi_9^3\ \Phi_6^2\ \Phi_4^5\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
85657	1335	116	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{13}{58}$	$\frac{27}{116}$	$\Phi_{116}^{15}\ \Phi_{58}^6\ \Phi_{29}^{10}\ \Phi_4^{15}\ \Phi_2^6\ \Phi_1^{11}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
85658	1336	333	$\frac{1}{333}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{166}{333}$	$\Phi_{333}^{4}\ \Phi_{111}^{4}\ \Phi_{37}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
85659	1336	267	$\frac{1}{267}$	$\frac{67}{267}$	$\frac{100}{267}$	$\frac{133}{267}$	$\Phi_{267}^{5}\ \Phi_{89}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
85660	1336	669	$\frac{1}{223}$	$\frac{56}{223}$	$\frac{1}{3}$	$\frac{111}{223}$	$\Phi_{669}^{3}\ \Phi_{3}^{2}$
85661	1336	665	$\frac{3}{665}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{331}{665}$	$\Phi_{665}^{2}\ \Phi_{133}^{2}\ \Phi_{95}^{2}\ \Phi_{35}^{2}\ \Phi_{19}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
85662	1336	2324	$\frac{1}{166}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{165}{332}$	$\Phi_{2324}\ \Phi_{332}^{2}\ \Phi_{28}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
85663	1336	4980	$\frac{1}{166}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{165}{332}$	$\Phi_{4980}\ \Phi_{60}\ \Phi_{15}$
85664	1336	623	$\frac{1}{89}$	$\frac{45}{623}$	$\frac{289}{623}$	$\frac{44}{89}$	$\Phi_{623}^{2}\ \Phi_{89}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
85665	1336	330	$\frac{2}{165}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{163}{330}$	$\Phi_{330}^{8}\ \Phi_{110}^{8}\ \Phi_{66}^{8}\ \Phi_{30}^{8}\ \Phi_{22}^{8}\ \Phi_{15}\ \Phi_{10}^{8}\ \Phi_{6}^{8}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
85666	1336	990	$\frac{2}{165}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{163}{330}$	$\Phi_{990}^{3}\ \Phi_{330}^{2}\ \Phi_{198}^{3}\ \Phi_{110}^{2}\ \Phi_{90}^{3}\ \Phi_{66}^{2}\ \Phi_{30}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{3}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
85667	1336	330	$\frac{2}{165}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{163}{330}$	$\Phi_{330}^{8}\ \Phi_{110}^{8}\ \Phi_{66}^{8}\ \Phi_{30}^{8}\ \Phi_{22}^{8}\ \Phi_{10}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{3}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
85668	1336	1005	$\frac{1}{67}$	$\frac{34}{201}$	$\frac{1}{5}$	$\frac{33}{67}$	$\Phi_{1005}^{2}\ \Phi_{335}\ \Phi_{15}^{2}$
85669	1336	2016	$\frac{1}{56}$	$\frac{1}{9}$	$\frac{57}{224}$	$\frac{55}{112}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
85670	1336	2952	$\frac{3}{164}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{161}{328}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
85671	1336	1305	$\frac{31}{1305}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{637}{1305}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{145}\ \Phi_{87}\ \Phi_{45}^{2}\ \Phi_{29}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
85672	1336	324	$\frac{5}{162}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{157}{324}$	$\Phi_{324}^{8}\ \Phi_{108}^{8}\ \Phi_{36}^{8}\ \Phi_{18}^{3}\ \Phi_{12}^{8}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{8}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
85673	1336	225	$\frac{7}{225}$	$\frac{1}{15}$	$\frac{58}{225}$	$\frac{109}{225}$	$\Phi_{225}^{6}\ \Phi_{75}^{6}\ \Phi_{45}^{6}\ \Phi_{25}^{6}\ \Phi_{15}^{5}\ \Phi_{9}^{6}\ \Phi_{5}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
85674	1336	178	$\frac{3}{89}$	$\frac{11}{178}$	$\frac{23}{89}$	$\frac{43}{89}$	$\Phi_{178}^{8}\ \Phi_{89}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
85675	1336	2898	$\frac{6}{161}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{155}{322}$	$\Phi_{2898}\ \Phi_{966}\ \Phi_{414}\ \Phi_{138}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{6}$
85676	1336	576	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{25}{192}$	$\frac{23}{48}$	$\Phi_{576}^{3}\ \Phi_{288}^{3}\ \Phi_{192}^{2}\ \Phi_{96}^{2}\ \Phi_{72}^{3}\ \Phi_{64}^{2}\ \Phi_{36}^{3}\ \Phi_{32}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
85677	1336	2880	$\frac{7}{160}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{153}{320}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{192}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
85678	1336	1275	$\frac{61}{1275}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{607}{1275}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{255}\ \Phi_{85}\ \Phi_{75}^{2}\ \Phi_{51}\ \Phi_{25}^{2}\ \Phi_{17}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
85679	1336	405	$\frac{7}{135}$	$\frac{1}{15}$	$\frac{71}{405}$	$\frac{64}{135}$	$\Phi_{405}^{4}\ \Phi_{135}^{2}\ \Phi_{81}^{4}\ \Phi_{45}^{2}\ \Phi_{27}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
85680	1336	315	$\frac{19}{315}$	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{148}{315}$	$\Phi_{315}^{4}\ \Phi_{105}^{4}\ \Phi_{63}^{4}\ \Phi_{45}^{6}\ \Phi_{35}^{4}\ \Phi_{21}^{4}\ \Phi_{15}^{5}\ \Phi_{9}^{6}\ \Phi_{7}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
85681	1336	495	$\frac{4}{165}$	$\frac{1}{15}$	$\frac{161}{495}$	$\frac{7}{15}$	$\Phi_{495}^{4}\ \Phi_{99}^{4}\ \Phi_{45}^{4}\ \Phi_{15}\ \Phi_{9}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
85682	1336	345	$\frac{11}{345}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{345}^{4}\ \Phi_{115}^{4}\ \Phi_{69}^{4}\ \Phi_{23}^{4}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
85683	1336	825	$\frac{8}{165}$	$\frac{1}{15}$	$\frac{157}{825}$	$\frac{7}{15}$	$\Phi_{825}^{2}\ \Phi_{275}^{2}\ \Phi_{75}^{2}\ \Phi_{25}^{2}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
85684	1336	180	$\frac{1}{15}$	$\frac{13}{180}$	$\frac{2}{15}$	$\frac{7}{15}$	$\Phi_{180}^{8}\ \Phi_{90}^{8}\ \Phi_{60}^{8}\ \Phi_{45}^{8}\ \Phi_{36}^{8}\ \Phi_{30}^{8}\ \Phi_{20}^{8}\ \Phi_{18}^{8}\ \Phi_{15}\ \Phi_{12}^{8}\ \Phi_{10}^{8}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{5}\ \Phi_{4}^{8}\ \Phi_{3}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
85685	1336	936	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{145}{312}$	$\Phi_{936}^{3}\ \Phi_{312}^{2}\ \Phi_{104}^{2}\ \Phi_{72}^{3}\ \Phi_{36}^{3}\ \Phi_{24}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
85686	1336	178	$\frac{11}{178}$	$\frac{7}{89}$	$\frac{12}{89}$	$\frac{41}{89}$	$\Phi_{178}^{8}\ \Phi_{89}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
85687	1336	2772	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{9}$	$\frac{141}{308}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{252}\ \Phi_{132}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
85688	1336	375	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{41}{375}$	$\frac{34}{75}$	$\Phi_{375}^{4}\ \Phi_{125}^{4}\ \Phi_{75}^{2}\ \Phi_{25}^{2}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
85689	1336	1215	$\frac{1}{15}$	$\frac{121}{1215}$	$\frac{14}{135}$	$\frac{547}{1215}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}^{2}\ \Phi_{81}\ \Phi_{45}^{2}\ \Phi_{27}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
85690	1336	300	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{17}{150}$	$\frac{133}{300}$	$\Phi_{300}^{8}\ \Phi_{100}^{8}\ \Phi_{75}^{2}\ \Phi_{60}^{8}\ \Phi_{25}^{2}\ \Phi_{20}^{8}\ \Phi_{15}\ \Phi_{12}^{8}\ \Phi_{5}\ \Phi_{4}^{8}\ \Phi_{3}\ \Phi_{1}^{2}$
85691	1336	1584	$\frac{9}{176}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{72}\ \Phi_{66}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
85692	1336	882	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{20}{147}$	$\frac{127}{294}$	$\Phi_{882}^{3}\ \Phi_{294}^{2}\ \Phi_{126}^{3}\ \Phi_{98}^{2}\ \Phi_{63}^{3}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{3}\ \Phi_{14}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
85693	1336	1743	$\frac{1}{83}$	$\frac{1}{7}$	$\frac{82}{249}$	$\frac{3}{7}$	$\Phi_{1743}\ \Phi_{249}^{2}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
85694	1336	180	$\frac{1}{15}$	$\frac{13}{180}$	$\frac{7}{45}$	$\frac{19}{45}$	$\Phi_{180}^{8}\,\Phi_{90}^{8}\,\Phi_{60}^{8}\,\Phi_{45}^{6}\,\Phi_{36}^{8}\,\Phi_{30}^{8}\,\Phi_{20}^{8}\,\Phi_{18}^{8}\,\Phi_{15}^{5}\,\Phi_{12}^{8}\,\Phi_{10}^{8}\,\Phi_{9}^{6}\,\Phi_{6}^{8}\,\Phi_{5}^{5}\,\Phi_{4}^{8}\,\Phi_{3}^{5}\,\Phi_{2}^{8}\,\Phi_{1}^{6}$
85695	1336	288	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{23}{144}$	$\frac{121}{288}$	$\Phi_{288}^{8}\,\Phi_{96}^{8}\,\Phi_{72}^{3}\,\Phi_{36}^{3}\,\Phi_{32}^{8}\,\Phi_{24}^{2}\,\Phi_{18}^{3}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
85696	1336	1125	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{211}{1125}$	$\frac{457}{1125}$	$\Phi_{1125}\,\Phi_{375}\,\Phi_{225}^{2}\,\Phi_{125}\,\Phi_{75}^{2}\,\Phi_{45}^{2}\,\Phi_{25}^{2}\,\Phi_{15}\,\Phi_{9}^{2}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$
85697	1336	2520	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{27}{140}$	$\frac{113}{280}$	$\Phi_{2520}\,\Phi_{840}\,\Phi_{504}\,\Phi_{360}\,\Phi_{252}\,\Phi_{168}\,\Phi_{126}\,\Phi_{120}\,\Phi_{84}\,\Phi_{72}\,\Phi_{63}\,\Phi_{42}\,\Phi_{36}\,\Phi_{24}\,\Phi_{21}\,\Phi_{18}\,\Phi_{12}\,\Phi_{6}$
85698	1336	170	$\frac{3}{170}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{170}^{8}\,\Phi_{85}^{8}\,\Phi_{34}^{8}\,\Phi_{17}^{8}\,\Phi_{10}^{8}\,\Phi_{5}^{3}\,\Phi_{2}^{8}\,\Phi_{1}^{4}$
85699	1336	190	$\frac{3}{95}$	$\frac{23}{190}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{190}^{8}\,\Phi_{95}^{6}\,\Phi_{38}^{8}\,\Phi_{19}^{6}\,\Phi_{10}^{8}\,\Phi_{5}^{7}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
85700	1336	175	$\frac{8}{175}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{175}^{8}\,\Phi_{35}^{6}\,\Phi_{25}^{8}\,\Phi_{7}^{6}\,\Phi_{5}^{7}\,\Phi_{1}^{8}$
85701	1336	178	$\frac{5}{89}$	$\frac{11}{178}$	$\frac{21}{89}$	$\frac{34}{89}$	$\Phi_{178}^{8}\,\Phi_{89}^{7}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
85702	1336	270	$\frac{7}{135}$	$\frac{1}{15}$	$\frac{32}{135}$	$\frac{103}{270}$	$\Phi_{270}^{8}\,\Phi_{135}^{2}\,\Phi_{90}^{8}\,\Phi_{54}^{8}\,\Phi_{45}^{2}\,\Phi_{30}^{8}\,\Phi_{27}^{2}\,\Phi_{18}^{8}\,\Phi_{15}\,\Phi_{10}^{8}\,\Phi_{9}^{2}\,\Phi_{6}^{8}\,\Phi_{5}\,\Phi_{3}\,\Phi_{2}^{8}\,\Phi_{1}^{2}$
85703	1336	1340	$\frac{1}{67}$	$\frac{1}{5}$	$\frac{33}{134}$	$\frac{101}{268}$	$\Phi_{1340}^{2}\,\Phi_{335}\,\Phi_{20}^{2}$
85704	1336	267	$\frac{1}{89}$	$\frac{22}{89}$	$\frac{67}{267}$	$\frac{100}{267}$	$\Phi_{267}^{4}\,\Phi_{89}^{7}\,\Phi_{3}^{4}\,\Phi_{1}^{8}$
85705	1336	252	$\frac{1}{42}$	$\frac{1}{9}$	$\frac{41}{126}$	$\frac{85}{252}$	$\Phi_{252}^{8}\,\Phi_{126}^{3}\,\Phi_{84}^{8}\,\Phi_{63}^{3}\,\Phi_{42}^{2}\,\Phi_{36}^{8}\,\Phi_{28}^{8}\,\Phi_{21}^{2}\,\Phi_{18}^{3}\,\Phi_{14}^{2}\,\Phi_{12}^{8}\,\Phi_{9}^{2}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{8}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
85706	1336	1005	$\frac{4}{335}$	$\frac{1}{5}$	$\frac{331}{1005}$	$\frac{337}{1005}$	$\Phi_{1005}\,\Phi_{335}^{2}\,\Phi_{201}\,\Phi_{67}^{2}\,\Phi_{15}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$
85707	1336	168	$\frac{1}{168}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{168}^{8}\,\Phi_{84}^{8}\,\Phi_{56}^{8}\,\Phi_{42}^{8}\,\Phi_{28}^{8}\,\Phi_{24}^{8}\,\Phi_{21}^{8}\,\Phi_{14}^{8}\,\Phi_{12}^{8}\,\Phi_{8}^{8}\,\Phi_{7}^{8}\,\Phi_{6}^{8}\,\Phi_{4}^{8}\,\Phi_{3}^{5}\,\Phi_{2}^{8}\,\Phi_{1}^{6}$
85708	1336	999	$\frac{2}{333}$	$\frac{331}{999}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{999}^{2}\,\Phi_{27}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
85709	1336	222	$\frac{1}{111}$	$\frac{55}{222}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{222}^{8}\,\Phi_{111}^{4}\,\Phi_{74}^{8}\,\Phi_{37}^{4}\,\Phi_{6}^{8}\,\Phi_{3}^{5}\,\Phi_{2}^{8}\,\Phi_{1}^{6}$
85710	1336	675	$\frac{7}{675}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{675}^{2}\,\Phi_{225}^{2}\,\Phi_{135}^{2}\,\Phi_{75}^{2}\,\Phi_{45}^{2}\,\Phi_{27}^{2}\,\Phi_{25}^{2}\,\Phi_{15}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
85711	1336	777	$\frac{2}{111}$	$\frac{109}{777}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{777}^{2}\,\Phi_{259}^{2}\,\Phi_{21}^{2}\,\Phi_{7}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
85712	1336	171	$\frac{4}{171}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{171}^{8}\,\Phi_{57}^{8}\,\Phi_{19}^{8}\,\Phi_{9}^{4}\,\Phi_{3}^{5}\,\Phi_{1}^{6}$
85713	1336	555	$\frac{1}{37}$	$\frac{18}{185}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{555}^{2}\,\Phi_{185}^{4}\,\Phi_{111}\,\Phi_{37}^{2}\,\Phi_{15}^{2}\,\Phi_{5}^{4}\,\Phi_{3}^{2}\,\Phi_{1}^{4}$
85714	1336	1245	$\frac{1}{83}$	$\frac{1}{5}$	$\frac{82}{249}$	$\frac{1}{3}$	$\Phi_{1245}\,\Phi_{415}^{2}\,\Phi_{15}^{2}\,\Phi_{5}^{2}$
85715	1336	669	$\frac{3}{223}$	$\frac{55}{223}$	$\frac{56}{223}$	$\frac{1}{3}$	$\Phi_{669}^{3}\,\Phi_{3}^{2}$
85716	1336	198	$\frac{2}{33}$	$\frac{1}{9}$	$\frac{31}{198}$	$\frac{1}{3}$	$\Phi_{198}^{8}\,\Phi_{99}^{5}\,\Phi_{66}^{8}\,\Phi_{33}^{6}\,\Phi_{22}^{8}\,\Phi_{18}^{8}\,\Phi_{11}^{6}\,\Phi_{9}^{7}\,\Phi_{6}^{8}\,\Phi_{3}^{7}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
85717	1336	180	$\frac{13}{180}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{180}^{8}\,\Phi_{90}^{8}\,\Phi_{60}^{8}\,\Phi_{45}^{5}\,\Phi_{36}^{8}\,\Phi_{30}^{8}\,\Phi_{20}^{8}\,\Phi_{18}^{8}\,\Phi_{15}^{6}\,\Phi_{12}^{8}\,\Phi_{10}^{8}\,\Phi_{9}^{7}\,\Phi_{6}^{8}\,\Phi_{5}^{6}\,\Phi_{4}^{8}\,\Phi_{3}^{7}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
85718	1336	495	$\frac{4}{165}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{161}{495}$	$\Phi_{495}^{4}\,\Phi_{99}^{4}\,\Phi_{45}^{4}\,\Phi_{9}^{4}\,\Phi_{5}^{3}\,\Phi_{1}^{4}$
85719	1336	216	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{49}{216}$	$\frac{23}{72}$	$\Phi_{216}^{8}\,\Phi_{108}^{8}\,\Phi_{72}^{3}\,\Phi_{54}^{8}\,\Phi_{36}^{3}\,\Phi_{27}^{8}\,\Phi_{24}^{2}\,\Phi_{18}^{3}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
85720	1336	720	$\frac{7}{80}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{73}{240}$	$\Phi_{720}^{2}\,\Phi_{360}^{2}\,\Phi_{240}\,\Phi_{180}^{2}\,\Phi_{144}^{2}\,\Phi_{120}\,\Phi_{90}^{2}\,\Phi_{80}^{2}\,\Phi_{72}^{3}\,\Phi_{60}\,\Phi_{48}\,\Phi_{45}^{2}\,\Phi_{40}^{2}\,\Phi_{36}^{3}\,\Phi_{30}\,\Phi_{24}^{2}\,\Phi_{20}^{2}\,\Phi_{18}^{3}\,\Phi_{16}^{2}\,\Phi_{15}\,\Phi_{12}^{2}\,\Phi_{10}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
85721	1336	405	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{71}{405}$	$\frac{121}{405}$	$\Phi_{405}^{3}\,\Phi_{135}^{4}\,\Phi_{81}^{3}\,\Phi_{45}^{4}\,\Phi_{27}^{4}\,\Phi_{15}^{3}\,\Phi_{9}^{4}\,\Phi_{5}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
85722	1336	945	$\frac{1}{15}$	$\frac{38}{315}$	$\frac{7}{45}$	$\frac{277}{945}$	$\Phi_{945}^{2}\,\Phi_{189}^{2}\,\Phi_{135}^{2}\,\Phi_{45}^{2}\,\Phi_{27}^{2}\,\Phi_{15}\,\Phi_{9}^{2}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$
85723	1336	180	$\frac{13}{180}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{180}^{8}\,\Phi_{90}^{8}\,\Phi_{60}^{8}\,\Phi_{45}^{8}\,\Phi_{36}^{8}\,\Phi_{30}^{8}\,\Phi_{20}^{8}\,\Phi_{18}^{3}\,\Phi_{15}^{8}\,\Phi_{12}^{8}\,\Phi_{10}^{8}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{8}\,\Phi_{4}^{8}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
85724	1336	345	$\frac{11}{345}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{345}^{4}\,\Phi_{115}^{4}\,\Phi_{69}^{4}\,\Phi_{23}^{4}\,\Phi_{5}^{3}\,\Phi_{1}^{4}$
85725	1336	225	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{17}{75}$	$\frac{58}{225}$	$\Phi_{225}^{8}\,\Phi_{75}^{2}\,\Phi_{45}^{8}\,\Phi_{25}^{2}\,\Phi_{15}\,\Phi_{9}^{8}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$
85726	1336	445	$\frac{9}{445}$	$\frac{109}{445}$	$\frac{111}{445}$	$\frac{112}{445}$	$\Phi_{445}^{3}\,\Phi_{89}^{3}\,\Phi_{5}^{3}\,\Phi_{1}^{4}$
85727	1336	220	$\frac{2}{55}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{53}{220}$	$\Phi_{220}^{8}\,\Phi_{110}^{8}\,\Phi_{44}^{8}\,\Phi_{22}^{8}\,\Phi_{20}^{8}\,\Phi_{10}^{8}\,\Phi_{5}^{3}\,\Phi_{4}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
85728	1336	216	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{49}{216}$	$\Phi_{216}^{8}\,\Phi_{108}^{8}\,\Phi_{72}^{8}\,\Phi_{36}^{8}\,\Phi_{24}^{8}\,\Phi_{18}^{3}\,\Phi_{12}^{8}\,\Phi_{9}^{2}\,\Phi_{8}^{8}\,\Phi_{6}^{2}\,\Phi_{4}^{8}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
85729	1336	576	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{25}{192}$	$\frac{7}{32}$	$\Phi_{576}^{3}\,\Phi_{288}^{2}\,\Phi_{192}^{2}\,\Phi_{144}^{2}\,\Phi_{96}\,\Phi_{72}^{3}\,\Phi_{64}^{2}\,\Phi_{48}\,\Phi_{36}^{3}\,\Phi_{32}^{2}\,\Phi_{24}^{2}\,\Phi_{18}^{3}\,\Phi_{16}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
85730	1336	180	$\frac{13}{180}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{180}^{8}\,\Phi_{90}^{8}\,\Phi_{60}^{8}\,\Phi_{45}^{8}\,\Phi_{36}^{8}\,\Phi_{30}^{8}\,\Phi_{20}^{8}\,\Phi_{18}^{8}\,\Phi_{12}^{8}\,\Phi_{10}^{8}\,\Phi_{9}^{8}\,\Phi_{6}^{8}\,\Phi_{5}^{3}\,\Phi_{4}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{4}$
85731	1336	385	$\frac{4}{55}$	$\frac{51}{385}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{385}^{4}\,\Phi_{77}^{4}\,\Phi_{35}^{4}\,\Phi_{7}^{4}\,\Phi_{5}^{3}\,\Phi_{1}^{4}$
85732	1336	1800	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{33}{200}$	$\frac{7}{40}$	$\Phi_{1800}\,\Phi_{900}\,\Phi_{600}\,\Phi_{450}\,\Phi_{300}\,\Phi_{225}\,\Phi_{150}\,\Phi_{75}\,\Phi_{72}\,\Phi_{36}\,\Phi_{24}\,\Phi_{18}\,\Phi_{12}\,\Phi_{6}$
85733	1337	1140	$\frac{1}{190}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{189}{380}$	$\Phi_{570}^{2}\,\Phi_{380}\,\Phi_{285}^{2}\,\Phi_{190}^{2}\,\Phi_{114}^{2}\,\Phi_{95}^{2}\,\Phi_{76}\,\Phi_{57}^{2}\,\Phi_{38}^{2}\,\Phi_{30}^{2}\,\Phi_{20}\,\Phi_{19}^{2}\,\Phi_{15}^{2}\,\Phi_{12}\,\Phi_{10}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
85734	1337	3420	$\frac{1}{190}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{189}{380}$	$\Phi_{3420}\,\Phi_{684}\,\Phi_{380}\,\Phi_{180}\,\Phi_{76}\,\Phi_{36}\,\Phi_{20}\,\Phi_{9}\,\Phi_{4}\,\Phi_{1}$
85735	1337	2656	$\frac{9}{1328}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1319}{2656}$	$\Phi_{2656}\,\Phi_{32}\,\Phi_{16}\,\Phi_{1}$
85736	1337	1512	$\frac{2}{189}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{187}{378}$	$\Phi_{1512}\,\Phi_{756}\,\Phi_{504}\,\Phi_{252}\,\Phi_{216}\,\Phi_{189}\,\Phi_{168}\,\Phi_{108}\,\Phi_{84}\,\Phi_{72}\,\Phi_{63}\,\Phi_{56}\,\Phi_{36}\,\Phi_{28}\,\Phi_{27}\,\Phi_{24}^{2}\,\Phi_{21}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{8}\,\Phi_{7}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
85737	1337	1608	$\frac{3}{268}$	$\frac{271}{1608}$	$\frac{1}{4}$	$\frac{265}{536}$	$\Phi_{1608}\,\Phi_{804}\,\Phi_{402}\,\Phi_{268}\,\Phi_{201}\,\Phi_{134}\,\Phi_{67}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
85738	1337	2640	$\frac{17}{1320}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1303}{2640}$	$\Phi_{2640}\,\Phi_{880}\,\Phi_{528}\,\Phi_{240}\,\Phi_{176}\,\Phi_{80}\,\Phi_{48}\,\Phi_{24}\,\Phi_{16}\,\Phi_{12}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
85739	1337	2640	$\frac{17}{1320}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1303}{2640}$	$\Phi_{2640}\,\Phi_{880}\,\Phi_{528}\,\Phi_{240}\,\Phi_{176}\,\Phi_{80}\,\Phi_{48}\,\Phi_{20}\,\Phi_{16}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
85740	1337	256	$\frac{1}{64}$	$\frac{1}{8}$	$\frac{65}{256}$	$\frac{63}{128}$	$\Phi_{256}^{7}\,\Phi_{64}^{7}\,\Phi_{32}^{7}\,\Phi_{16}^{7}\,\Phi_{8}^{6}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
85741	1337	376	$\frac{3}{188}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{185}{376}$	$\Phi_{376}^{3}\,\Phi_{188}^{4}\,\Phi_{94}^{4}\,\Phi_{47}^{4}\,\Phi_{8}^{6}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
85742	1337	2624	$\frac{25}{1312}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1287}{2624}$	$\Phi_{2624}\,\Phi_{64}\,\Phi_{32}\,\Phi_{16}\,\Phi_{1}$
85743	1337	744	$\frac{5}{186}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{181}{372}$	$\Phi_{744}^{2}\,\Phi_{372}\,\Phi_{248}^{2}\,\Phi_{186}^{2}\,\Phi_{124}\,\Phi_{93}^{2}\,\Phi_{62}^{2}\,\Phi_{31}^{2}\,\Phi_{24}^{4}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
85744	1337	2592	$\frac{41}{1296}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1255}{2592}$	$\Phi_{2592}\,\Phi_{864}\,\Phi_{288}\,\Phi_{96}\,\Phi_{48}\,\Phi_{32}\,\Phi_{24}\,\Phi_{16}\,\Phi_{12}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
85745	1337	1536	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{199}{1536}$	$\frac{185}{384}$	$\Phi_{1536}\,\Phi_{768}\,\Phi_{512}\,\Phi_{256}\,\Phi_{192}\,\Phi_{96}\,\Phi_{64}\,\Phi_{48}\,\Phi_{32}\,\Phi_{24}\,\Phi_{16}\,\Phi_{12}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
85746	1337	368	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{177}{368}$	$\Phi_{368}^{7}\,\Phi_{16}^{7}\,\Phi_{8}^{6}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
85747	1337	2560	$\frac{57}{1280}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1223}{2560}$	$\Phi_{2560}\,\Phi_{512}\,\Phi_{64}\,\Phi_{32}\,\Phi_{16}\,\Phi_{1}$
85748	1337	360	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{169}{360}$	$\Phi_{360}^{3}\,\Phi_{180}^{4}\,\Phi_{120}^{3}\,\Phi_{90}^{4}\,\Phi_{72}^{3}\,\Phi_{60}^{4}\,\Phi_{45}^{4}\,\Phi_{40}^{3}\,\Phi_{36}^{4}\,\Phi_{30}^{4}\,\Phi_{24}^{7}\,\Phi_{20}^{4}\,\Phi_{18}^{4}\,\Phi_{15}^{4}\,\Phi_{12}^{7}\,\Phi_{10}^{4}\,\Phi_{9}^{4}\,\Phi_{8}^{6}\,\Phi_{6}^{7}\,\Phi_{5}^{4}\,\Phi_{4}^{6}\,\Phi_{3}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
85749	1337	2496	$\frac{89}{1248}$	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1159}{2496}$	$\Phi_{2496}\,\Phi_{832}\,\Phi_{192}\,\Phi_{96}\,\Phi_{64}\,\Phi_{48}\,\Phi_{32}\,\Phi_{24}\,\Phi_{16}\,\Phi_{12}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
85750	1337	195	$\frac{4}{195}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{195}^{7}\,\Phi_{65}^{7}\,\Phi_{39}^{6}\,\Phi_{15}^{7}\,\Phi_{13}^{7}\,\Phi_{5}^{7}\,\Phi_{3}^{5}\,\Phi_{1}^{7}$
85751	1337	352	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{1}{8}$	$\frac{161}{352}$	$\Phi_{352}^{7}\,\Phi_{32}^{7}\,\Phi_{16}^{7}\,\Phi_{8}^{6}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
85752	1337	1408	$\frac{71}{1408}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{1408}\,\Phi_{704}\,\Phi_{352}\,\Phi_{176}\,\Phi_{88}\,\Phi_{64}\,\Phi_{44}\,\Phi_{32}\,\Phi_{22}\,\Phi_{16}\,\Phi_{11}\,\Phi_{1}$
85753	1337	336	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{23}{168}$	$\frac{145}{336}$	$\Phi_{336}^{7}\,\Phi_{112}^{7}\,\Phi_{48}^{7}\,\Phi_{24}^{7}\,\Phi_{16}^{7}\,\Phi_{12}^{7}\,\Phi_{8}^{6}\,\Phi_{6}^{7}\,\Phi_{4}^{6}\,\Phi_{3}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
85754	1337	1360	$\frac{23}{1360}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1360}\,\Phi_{680}\,\Phi_{340}\,\Phi_{272}\,\Phi_{170}\,\Phi_{136}\,\Phi_{85}\,\Phi_{80}\,\Phi_{68}\,\Phi_{34}\,\Phi_{20}\,\Phi_{17}\,\Phi_{16}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
85755	1337	2304	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{185}{1152}$	$\frac{967}{2304}$	$\Phi_{2304}\,\Phi_{768}\,\Phi_{256}\,\Phi_{192}\,\Phi_{96}\,\Phi_{64}\,\Phi_{48}\,\Phi_{32}\,\Phi_{24}\,\Phi_{16}\,\Phi_{12}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
85756	1337	1140	$\frac{1}{95}$	$\frac{1}{6}$	$\frac{94}{285}$	$\frac{5}{12}$	$\Phi_{1140}^{2}\,\Phi_{380}^{2}\,\Phi_{285}\,\Phi_{228}^{2}\,\Phi_{76}^{2}\,\Phi_{60}^{2}\,\Phi_{57}\,\Phi_{20}^{2}\,\Phi_{15}\,\Phi_{12}^{3}\,\Phi_{4}^{3}\,\Phi_{3}\,\Phi_{1}$
85757	1337	780	$\frac{4}{195}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{780}^{3}\,\Phi_{260}^{3}\,\Phi_{195}\,\Phi_{156}^{3}\,\Phi_{65}\,\Phi_{60}^{2}\,\Phi_{52}^{3}\,\Phi_{39}\,\Phi_{20}^{2}\,\Phi_{15}\,\Phi_{13}\,\Phi_{12}^{3}\,\Phi_{4}^{3}\,\Phi_{3}\,\Phi_{1}$
85758	1337	228	$\frac{1}{38}$	$\frac{37}{228}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{228}^{5}\,\Phi_{114}^{7}\,\Phi_{76}^{5}\,\Phi_{57}^{7}\,\Phi_{38}^{6}\,\Phi_{19}^{6}\,\Phi_{12}^{6}\,\Phi_{6}^{7}\,\Phi_{4}^{6}\,\Phi_{3}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
85759	1337	600	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{600}^{2}\,\Phi_{300}^{2}\,\Phi_{200}^{3}\,\Phi_{150}^{2}\,\Phi_{120}^{2}\,\Phi_{100}^{3}\,\Phi_{75}^{2}\,\Phi_{50}^{3}\,\Phi_{40}^{3}\,\Phi_{30}^{2}\,\Phi_{25}^{3}\,\Phi_{24}^{2}\,\Phi_{20}\,\Phi_{15}^{2}\,\Phi_{12}\,\Phi_{10}^{2}\,\Phi_{8}^{3}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
85760	1337	2508	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{209}\ \Phi_{132}\ \Phi_{44}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
85761	1337	320	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{31}{160}$	$\frac{129}{320}$	$\Phi_{320}^7\ \Phi_{64}^7\ \Phi_{32}^7\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
85762	1337	2144	$\frac{3}{268}$	$\frac{265}{1072}$	$\frac{1}{4}$	$\frac{807}{2144}$	$\Phi_{2144}\ \Phi_{268}\ \Phi_{134}\ \Phi_{67}\ \Phi_{32}\ \Phi_1$
85763	1337	288	$\frac{1}{48}$	$\frac{1}{8}$	$\frac{47}{144}$	$\frac{97}{288}$	$\Phi_{288}^7\ \Phi_{96}^7\ \Phi_{48}^7\ \Phi_{32}^7\ \Phi_{24}^7\ \Phi_{16}^7\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
85764	1337	2004	$\frac{1}{167}$	$\frac{166}{501}$	$\frac{667}{2004}$	$\frac{335}{1002}$	$\Phi_{2004}\ \Phi_{668}\ \Phi_{501}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
85765	1337	855	$\frac{1}{95}$	$\frac{2}{9}$	$\frac{94}{285}$	$\frac{1}{3}$	$\Phi_{855}^2\ \Phi_{285}\ \Phi_{171}^2\ \Phi_{57}\ \Phi_{45}^2\ \Phi_{15}\ \Phi_9^3\ \Phi_3\ \Phi_1$
85766	1337	504	$\frac{2}{63}$	$\frac{1}{8}$	$\frac{61}{252}$	$\frac{1}{3}$	$\Phi_{504}^3\ \Phi_{252}^2\ \Phi_{168}^3\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
85767	1337	585	$\frac{4}{195}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{585}^3\ \Phi_{195}\ \Phi_{117}^3\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_9^3\ \Phi_3\ \Phi_1$
85768	1337	684	$\frac{1}{38}$	$\frac{37}{228}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{684}^3\ \Phi_{342}^2\ \Phi_{228}\ \Phi_{171}^2\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{36}^3\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
85769	1337	792	$\frac{7}{198}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}\ \Phi_{132}^2\ \Phi_{99}\ \Phi_{88}^2\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
85770	1337	1800	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{100}\ \Phi_{72}\ \Phi_{50}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
85771	1337	1881	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1881}\ \Phi_{209}\ \Phi_{99}\ \Phi_{11}\ \Phi_9\ \Phi_1$
85772	1337	216	$\frac{2}{27}$	$\frac{25}{216}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{216}^6\ \Phi_{108}^6\ \Phi_{72}^6\ \Phi_{54}^6\ \Phi_{36}^6\ \Phi_{27}^7\ \Phi_{24}^7\ \Phi_{18}^6\ \Phi_{12}^7\ \Phi_9^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
85773	1337	840	$\frac{19}{210}$	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
85774	1337	1980	$\frac{17}{660}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{643}{1980}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{198}\ \Phi_{180}\ \Phi_{99}\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
85775	1337	1728	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{391}{1728}$	$\frac{185}{576}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
85776	1337	216	$\frac{1}{12}$	$\frac{25}{216}$	$\frac{1}{8}$	$\frac{11}{36}$	$\Phi_{216}^7\ \Phi_{108}^7\ \Phi_{72}^3\ \Phi_{54}^7\ \Phi_{36}^4\ \Phi_{27}^7\ \Phi_{24}^7\ \Phi_{18}^4\ \Phi_{12}^7\ \Phi_9^4\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
85777	1337	1920	$\frac{57}{640}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{583}{1920}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
85778	1337	200	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{200}^7\ \Phi_{100}^7\ \Phi_{50}^7\ \Phi_{40}^7\ \Phi_{25}^7\ \Phi_{20}^3\ \Phi_{10}^5\ \Phi_8^7\ \Phi_5^5\ \Phi_4^2\ \Phi_2^4\ \Phi_1^5$
85779	1337	1584	$\frac{17}{264}$	$\frac{1}{8}$	$\frac{247}{1584}$	$\frac{7}{24}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
85780	1337	1440	$\frac{103}{1440}$	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{7}{24}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
85781	1337	1440	$\frac{103}{1440}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{144}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
85782	1337	1380	$\frac{43}{1380}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}\ \Phi_{230}\ \Phi_{138}\ \Phi_{115}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
85783	1337	1760	$\frac{17}{440}$	$\frac{3}{20}$	$\frac{423}{1760}$	$\frac{1}{4}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}\ \Phi_{80}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
85784	1337	1440	$\frac{103}{1440}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
85785	1337	220	$\frac{17}{220}$	$\frac{29}{220}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{220}^6\ \Phi_{110}^6\ \Phi_{55}^6\ \Phi_{44}^6\ \Phi_{22}^6\ \Phi_{20}^7\ \Phi_{11}^6\ \Phi_{10}^7\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
85786	1337	1728	$\frac{41}{432}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{391}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
85787	1337	1536	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{199}{1536}$	$\frac{57}{256}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
85788	1337	240	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{60}$	$\frac{49}{240}$	$\Phi_{240}^7\ \Phi_{120}^3\ \Phi_{80}^7\ \Phi_{60}^4\ \Phi_{48}^7\ \Phi_{40}^3\ \Phi_{30}^4\ \Phi_{24}^7\ \Phi_{20}^4\ \Phi_{16}^7\ \Phi_{15}^4\ \Phi_{12}^7\ \Phi_{10}^4\ \Phi_8^6\ \Phi_6^7\ \Phi_5^4\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
85789	1337	1600	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{263}{1600}$	$\frac{57}{320}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
85790	1338	2220	$\frac{1}{222}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{221}{444}$	$\Phi_{2220}\ \Phi_{740}\ \Phi_{444}^2\ \Phi_{148}^2\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
85791	1338	444	$\frac{1}{222}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{221}{444}$	$\Phi_{444}^2\ \Phi_{222}^4\ \Phi_{148}^2\ \Phi_{111}^4\ \Phi_{74}^4\ \Phi_{37}^4\ \Phi_{12}^3\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
85792	1338	382	$\frac{1}{191}$	$\frac{32}{191}$	$\frac{159}{382}$	$\frac{95}{191}$	$\Phi_{382}^6\ \Phi_{191}\ \Phi_2^6\ \Phi_1^2$
85793	1338	1330	$\frac{4}{665}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{661}{1330}$	$\Phi_{1330}^2\ \Phi_{266}^2\ \Phi_{190}^2\ \Phi_{70}^2\ \Phi_{38}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
85794	1338	3990	$\frac{4}{665}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{661}{1330}$	$\Phi_{3990}\ \Phi_{798}\ \Phi_{570}\ \Phi_{210}\ \Phi_{114}\ \Phi_{42}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
85795	1338	596	$\frac{1}{149}$	$\frac{1}{4}$	$\frac{75}{298}$	$\frac{74}{149}$	$\Phi_{596}^3\ \Phi_{298}\ \Phi_{149}^2\ \Phi_4^2\ \Phi_1^2$
85796	1338	804	$\frac{1}{134}$	$\frac{45}{268}$	$\frac{1}{3}$	$\frac{133}{268}$	$\Phi_{804}^2\ \Phi_{402}^3\ \Phi_{201}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
85797	1338	441	$\frac{5}{441}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{218}{441}$	$\Phi_{441}^3\ \Phi_{147}^3\ \Phi_{63}^3\ \Phi_{49}^3\ \Phi_{21}^3\ \Phi_9^3\ \Phi_7^5\ \Phi_3^3\ \Phi_1^6$
85798	1338	896	$\frac{3}{224}$	$\frac{1}{7}$	$\frac{227}{896}$	$\frac{221}{448}$	$\Phi_{896}^2\ \Phi_{224}^2\ \Phi_{128}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
85799	1338	1320	$\frac{3}{220}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{217}{440}$	$\Phi_{1320}^3\ \Phi_{264}^3\ \Phi_{120}^3\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{15}\ \Phi_6$
85800	1338	3080	$\frac{3}{220}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{217}{440}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{280}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
85801	1338	1316	$\frac{11}{658}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{647}{1316}$	$\Phi_{1316}^2\ \Phi_{188}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
85802	1338	434	$\frac{6}{217}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{211}{434}$	$\Phi_{434}^6\ \Phi_{62}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
85803	1338	1792	$\frac{1}{32}$	$\frac{33}{256}$	$\frac{1}{7}$	$\frac{31}{64}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
85804	1338	3024	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{209}{432}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{336}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
85805	1338	1288	$\frac{25}{644}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{619}{1288}$	$\Phi_{1288}^2\ \Phi_{184}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
85806	1338	420	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{197}{420}$	$\Phi_{420}^6\ \Phi_{140}^6\ \Phi_{84}^6\ \Phi_{60}^6\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
85807	1338	2912	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{1}{7}$	$\frac{193}{416}$	$\Phi_{2912}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
85808	1338	1232	$\frac{3}{56}$	$\frac{53}{616}$	$\frac{1}{7}$	$\frac{563}{1232}$	$\Phi_{1232}^2\ \Phi_{176}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
85809	1338	2040	$\frac{11}{680}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{120}\ \Phi_{102}\ \Phi_{51}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
85810	1338	402	$\frac{1}{67}$	$\frac{22}{201}$	$\frac{1}{3}$	$\frac{179}{402}$	$\Phi_{402}^6\ \Phi_{201}\ \Phi_{134}^6\ \Phi_6^6\ \Phi_2^6$
85811	1338	392	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{1}{7}$	$\frac{169}{392}$	$\Phi_{392}^6\ \Phi_{56}^6\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
85812	1338	266	$\frac{4}{133}$	$\frac{1}{7}$	$\frac{43}{266}$	$\frac{3}{7}$	$\Phi_{266}^6\ \Phi_{133}^4\ \Phi_{38}^6\ \Phi_{19}^4\ \Phi_{14}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
85813	1338	700	$\frac{31}{700}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{28}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
85814	1338	2688	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{31}{192}$	$\frac{161}{384}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
85815	1338	382	$\frac{5}{191}$	$\frac{31}{191}$	$\frac{32}{191}$	$\frac{159}{382}$	$\Phi_{382}^6\ \Phi_{191}\ \Phi_2^6\ \Phi_1^2$
85816	1338	1120	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{109}{560}$	$\frac{451}{1120}$	$\Phi_{1120}^2\ \Phi_{224}^2\ \Phi_{160}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
85817	1338	225	$\frac{2}{225}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{225}^6\ \Phi_{75}^6\ \Phi_{45}^6\ \Phi_{25}^6\ \Phi_{15}^5\ \Phi_9^6\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
85818	1338	1665	$\frac{1}{111}$	$\frac{1}{5}$	$\frac{110}{333}$	$\frac{2}{5}$	$\Phi_{1665}\ \Phi_{333}^2\ \Phi_{45}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
85819	1338	1480	$\frac{1}{74}$	$\frac{1}{5}$	$\frac{73}{296}$	$\frac{2}{5}$	$\Phi_{1480}\ \Phi_{740}\ \Phi_{296}^2\ \Phi_{148}^2\ \Phi_{40}\ \Phi_{20}\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
85820	1338	1140	$\frac{5}{228}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}^2\ \Phi_{190}\ \Phi_{114}^2\ \Phi_{95}\ \Phi_{76}^2\ \Phi_{60}\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{20}\ \Phi_{19}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
85821	1338	1295	$\frac{1}{37}$	$\frac{36}{259}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1295}\ \Phi_{259}^2\ \Phi_{35}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
85822	1338	3216	$\frac{1}{134}$	$\frac{133}{536}$	$\frac{1}{3}$	$\frac{403}{1072}$	$\Phi_{3216}\ \Phi_{402}\ \Phi_{201}\ \Phi_{48}\ \Phi_6$
85823	1338	336	$\frac{1}{56}$	$\frac{1}{7}$	$\frac{55}{168}$	$\frac{113}{336}$	$\Phi_{336}^6\ \Phi_{112}^6\ \Phi_{56}^6\ \Phi_{48}^6\ \Phi_{28}^6\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
85824	1338	900	$\frac{2}{225}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
85825	1338	1332	$\frac{1}{111}$	$\frac{1}{4}$	$\frac{110}{333}$	$\frac{1}{3}$	$\Phi_{1332}^2\ \Phi_{666}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
85826	1338	804	$\frac{1}{67}$	$\frac{45}{268}$	$\frac{22}{67}$	$\frac{1}{3}$	$\Phi_{804}^{3}\ \Phi_{402}^{3}\ \Phi_{201}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
85827	1338	330	$\frac{3}{110}$	$\frac{1}{10}$	$\frac{107}{330}$	$\frac{1}{3}$	$\Phi_{330}^{3}\ \Phi_{165}^{3}\ \Phi_{110}^{6}\ \Phi_{66}^{3}\ \Phi_{55}^{6}\ \Phi_{33}^{3}\ \Phi_{30}^{4}\ \Phi_{22}^{6}\ \Phi_{15}^{4}\ \Phi_{11}^{6}\ \Phi_{10}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
85828	1338	690	$\frac{7}{230}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{690}^{3}\ \Phi_{345}^{3}\ \Phi_{138}^{3}\ \Phi_{69}^{3}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
85829	1338	888	$\frac{1}{74}$	$\frac{73}{296}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{888}^{3}\ \Phi_{444}\ \Phi_{222}^{2}\ \Phi_{111}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
85830	1338	2220	$\frac{2}{111}$	$\frac{109}{555}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{740}\ \Phi_{370}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
85831	1338	228	$\frac{5}{228}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^{6}\ \Phi_{114}^{6}\ \Phi_{76}^{6}\ \Phi_{57}^{6}\ \Phi_{38}^{6}\ \Phi_{19}^{6}\ \Phi_{12}^{3}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
85832	1338	3108	$\frac{1}{37}$	$\frac{36}{259}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3108}\ \Phi_{1554}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}\ \Phi_{6}$
85833	1338	2640	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{211}{880}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{528}\ \Phi_{264}\ \Phi_{240}\ \Phi_{120}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{6}$
85834	1338	2280	$\frac{4}{95}$	$\frac{91}{760}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{228}\ \Phi_{120}\ \Phi_{114}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
85835	1338	2100	$\frac{31}{700}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
85836	1338	240	$\frac{17}{240}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{3}$	$\Phi_{240}^{6}\ \Phi_{120}^{6}\ \Phi_{80}^{6}\ \Phi_{60}^{3}\ \Phi_{48}^{6}\ \Phi_{40}^{6}\ \Phi_{30}^{4}\ \Phi_{24}^{6}\ \Phi_{20}^{6}\ \Phi_{16}^{6}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
85837	1338	2310	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{770}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{231}\ \Phi_{210}\ \Phi_{105}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{6}$
85838	1338	2016	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{65}{288}$	$\frac{31}{96}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{224}\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
85839	1338	252	$\frac{1}{14}$	$\frac{29}{252}$	$\frac{1}{7}$	$\frac{13}{42}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{84}^{6}\ \Phi_{63}^{6}\ \Phi_{36}^{6}\ \Phi_{28}^{6}\ \Phi_{18}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
85840	1338	1680	$\frac{17}{240}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
85841	1338	294	$\frac{5}{147}$	$\frac{1}{7}$	$\frac{71}{294}$	$\frac{2}{7}$	$\Phi_{294}^{6}\ \Phi_{147}^{3}\ \Phi_{98}^{6}\ \Phi_{49}^{3}\ \Phi_{42}^{6}\ \Phi_{21}^{3}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
85842	1338	231	$\frac{8}{231}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{231}^{6}\ \Phi_{77}^{6}\ \Phi_{33}^{3}\ \Phi_{21}^{3}\ \Phi_{11}^{6}\ \Phi_{7}^{5}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
85843	1338	252	$\frac{5}{63}$	$\frac{29}{252}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{84}^{6}\ \Phi_{63}^{3}\ \Phi_{42}^{6}\ \Phi_{36}^{6}\ \Phi_{28}^{6}\ \Phi_{21}^{3}\ \Phi_{18}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{9}^{3}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
85844	1338	245	$\frac{22}{245}$	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{245}^{6}\ \Phi_{49}^{3}\ \Phi_{35}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
85845	1338	1848	$\frac{3}{44}$	$\frac{1}{7}$	$\frac{41}{264}$	$\frac{1}{4}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{231}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
85846	1338	1680	$\frac{17}{240}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
85847	1338	2016	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{65}{288}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
85848	1338	280	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{70}$	$\frac{57}{280}$	$\Phi_{280}^{6}\ \Phi_{140}^{6}\ \Phi_{56}^{6}\ \Phi_{40}^{6}\ \Phi_{28}^{6}\ \Phi_{20}^{6}\ \Phi_{14}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
85849	1339	1788	$\frac{2}{447}$	$\frac{449}{1788}$	$\frac{1}{3}$	$\frac{445}{894}$	$\Phi_{1788}\ \Phi_{596}\ \Phi_{447}\ \Phi_{149}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
85850	1339	2664	$\frac{7}{1332}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1325}{2664}$	$\Phi_{2664}\ \Phi_{888}\ \Phi_{296}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
85851	1339	2664	$\frac{7}{1332}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1325}{2664}$	$\Phi_{2664}\ \Phi_{888}\ \Phi_{296}\ \Phi_{72}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
85852	1339	408	$\frac{1}{102}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{101}{204}$	$\Phi_{408}^{6}\ \Phi_{204}\ \Phi_{136}^{6}\ \Phi_{68}\ \Phi_{24}^{7}\ \Phi_{12}\ \Phi_{8}^{7}\ \Phi_{4}\ \Phi_{1}$
85853	1339	1020	$\frac{1}{102}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{101}{204}$	$\Phi_{1020}^{3}\ \Phi_{340}^{3}\ \Phi_{204}\ \Phi_{68}\ \Phi_{60}^{3}\ \Phi_{20}^{3}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
85854	1339	612	$\frac{1}{102}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{101}{204}$	$\Phi_{612}^{6}\ \Phi_{204}\ \Phi_{68}\ \Phi_{36}^{6}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
85855	1339	816	$\frac{1}{102}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{101}{204}$	$\Phi_{816}^{2}\ \Phi_{408}^{2}\ \Phi_{272}^{2}\ \Phi_{204}\ \Phi_{136}^{2}\ \Phi_{68}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{3}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
85856	1339	2640	$\frac{19}{1320}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1301}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{80}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
85857	1339	1536	$\frac{5}{192}$	$\frac{197}{1536}$	$\frac{1}{6}$	$\frac{187}{384}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
85858	1339	2604	$\frac{37}{1302}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1265}{2604}$	$\Phi_{2604}\ \Phi_{868}\ \Phi_{372}\ \Phi_{124}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
85859	1339	1400	$\frac{3}{100}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{97}{200}$	$\Phi_{1400}^{2}\ \Phi_{280}^{2}\ \Phi_{200}\ \Phi_{56}^{2}\ \Phi_{40}\ \Phi_{28}^{2}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
85860	1339	2592	$\frac{43}{1296}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1253}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
85861	1339	2520	$\frac{5}{84}$	$\frac{79}{1260}$	$\frac{1}{6}$	$\frac{1181}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
85862	1339	192	$\frac{5}{96}$	$\frac{7}{96}$	$\frac{1}{6}$	$\frac{89}{192}$	$\Phi_{192}^{13}\ \Phi_{96}\ \Phi_{64}^{13}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
85863	1339	1344	$\frac{1}{14}$	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{192}$	$\Phi_{1344}^{2}\ \Phi_{448}^{2}\ \Phi_{192}\ \Phi_{64}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
85864	1339	840	$\frac{2}{105}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{840}^{3}\ \Phi_{280}^{3}\ \Phi_{168}^{3}\ \Phi_{120}^{3}\ \Phi_{105}\ \Phi_{56}^{3}\ \Phi_{40}^{3}\ \Phi_{35}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
85865	1339	1224	$\frac{1}{51}$	$\frac{1}{12}$	$\frac{50}{153}$	$\frac{11}{24}$	$\Phi_{1224}^{3}\ \Phi_{153}\ \Phi_{72}^{3}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
85866	1339	408	$\frac{1}{34}$	$\frac{1}{12}$	$\frac{33}{136}$	$\frac{11}{24}$	$\Phi_{408}^{2}\ \Phi_{204}^{4}\ \Phi_{136}^{3}\ \Phi_{102}^{4}\ \Phi_{68}^{5}\ \Phi_{51}^{4}\ \Phi_{34}^{4}\ \Phi_{24}^{3}\ \Phi_{17}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
85867	1339	216	$\frac{5}{108}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{216}^{12}\ \Phi_{108}\ \Phi_{72}^{12}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}^{7}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}^{7}\ \Phi_{4}\ \Phi_{1}$
85868	1339	2856	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{16}{119}$	$\frac{11}{24}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{168}\ \Phi_{119}\ \Phi_{56}\ \Phi_{24}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
85869	1339	112	$\frac{1}{14}$	$\frac{9}{112}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{112}^{11}\ \Phi_{56}^{13}\ \Phi_{28}^{13}\ \Phi_{16}^{12}\ \Phi_{14}^{12}\ \Phi_{8}^{13}\ \Phi_{7}^{12}\ \Phi_{4}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
85870	1339	182	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{79}{182}$	$\Phi_{182}^{7}\ \Phi_{91}^{8}\ \Phi_{26}^{7}\ \Phi_{14}^{6}\ \Phi_{13}^{7}\ \Phi_{7}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
85871	1339	2352	$\frac{5}{168}$	$\frac{163}{1176}$	$\frac{1}{6}$	$\frac{1013}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
85872	1339	2304	$\frac{5}{192}$	$\frac{187}{1152}$	$\frac{1}{6}$	$\frac{965}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
85873	1339	1776	$\frac{7}{444}$	$\frac{1}{6}$	$\frac{437}{1776}$	$\frac{5}{12}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{592}\ \Phi_{296}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
85874	1339	1368	$\frac{29}{1368}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{72}\ \Phi_{57}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
85875	1339	1350	$\frac{11}{1350}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{270}\ \Phi_{225}\ \Phi_{150}\ \Phi_{135}\ \Phi_{90}\ \Phi_{75}\ \Phi_{54}\ \Phi_{50}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
85876	1339	1092	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{25}{78}$	$\frac{53}{156}$	$\Phi_{1092}^{2}\ \Phi_{364}^{2}\ \Phi_{182}^{2}\ \Phi_{156}\ \Phi_{91}^{2}\ \Phi_{84}^{2}\ \Phi_{52}\ \Phi_{28}^{2}\ \Phi_{26}\ \Phi_{14}\ \Phi_{13}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
85877	1339	2016	$\frac{5}{336}$	$\frac{1}{6}$	$\frac{331}{1008}$	$\frac{677}{2016}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
85878	1339	105	$\frac{2}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^{13}\ \Phi_{35}^{13}\ \Phi_{21}^{13}\ \Phi_{15}^{11}\ \Phi_{7}^{13}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{13}$
85879	1339	1998	$\frac{7}{666}$	$\frac{2}{9}$	$\frac{659}{1998}$	$\frac{1}{3}$	$\Phi_{1998}\ \Phi_{999}\ \Phi_{54}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
85880	1339	765	$\frac{1}{51}$	$\frac{2}{15}$	$\frac{50}{153}$	$\frac{1}{3}$	$\Phi_{765}^{3}\ \Phi_{153}\ \Phi_{45}^{3}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
85881	1339	630	$\frac{2}{105}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{126}^{3}\ \Phi_{105}\ \Phi_{90}^{3}\ \Phi_{63}^{3}\ \Phi_{45}^{3}\ \Phi_{35}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
85882	1339	1680	$\frac{2}{105}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
85883	1339	2040	$\frac{1}{34}$	$\frac{2}{15}$	$\frac{33}{136}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{340}\ \Phi_{136}\ \Phi_{120}\ \Phi_{68}\ \Phi_{60}\ \Phi_{40}\ \Phi_{20}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
85884	1339	1665	$\frac{7}{333}$	$\frac{326}{1665}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{185}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
85885	1339	1368	$\frac{29}{1368}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{72}\ \Phi_{57}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
85886	1339	255	$\frac{2}{51}$	$\frac{2}{15}$	$\frac{49}{255}$	$\frac{1}{3}$	$\Phi_{255}^{5}\ \Phi_{85}^{5}\ \Phi_{51}^{6}\ \Phi_{17}^{6}\ \Phi_{15}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
85887	1339	540	$\frac{5}{108}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{540}^{3}\ \Phi_{270}^{3}\ \Phi_{180}^{3}\ \Phi_{135}^{3}\ \Phi_{108}\ \Phi_{90}^{3}\ \Phi_{60}^{3}\ \Phi_{54}\ \Phi_{45}^{3}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}^{3}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
85888	1339	1785	$\frac{1}{17}$	$\frac{2}{15}$	$\frac{16}{119}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{119}\ \Phi_{105}\ \Phi_{35}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
85889	1339	306	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{50}{153}$	$\Phi_{306}^{3}\ \Phi_{153}^{4}\ \Phi_{102}^{6}\ \Phi_{51}^{6}\ \Phi_{34}^{6}\ \Phi_{18}^{4}\ \Phi_{17}^{6}\ \Phi_{9}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
85890	1339	2448	$\frac{1}{51}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{50}{153}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{153}\ \Phi_{144}\ \Phi_{72}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
85891	1339	1728	$\frac{5}{192}$	$\frac{1}{6}$	$\frac{389}{1728}$	$\frac{187}{576}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
85892	1339	1512	$\frac{5}{84}$	$\frac{173}{1512}$	$\frac{1}{6}$	$\frac{79}{252}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
85893	1339	1440	$\frac{101}{1440}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{144}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
85894	1339	840	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{7}{24}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
85895	1339	1008	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{144}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{252}^2\ \Phi_{144}\ \Phi_{126}^2\ \Phi_{72}\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
85896	1339	1224	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{33}{136}$	$\frac{5}{18}$	$\Phi_{1224}^2\ \Phi_{612}^2\ \Phi_{136}\ \Phi_{72}^2\ \Phi_{68}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
85897	1339	108	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{108}^{13}\ \Phi_{54}^{13}\ \Phi_{36}^{13}\ \Phi_{27}^{13}\ \Phi_{18}^{8}\ \Phi_{12}^{13}\ \Phi_{9}^{8}\ \Phi_{6}^{12}\ \Phi_{4}^{13}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
85898	1339	2142	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{126}\ \Phi_{119}\ \Phi_{63}\ \Phi_{18}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
85899	1339	272	$\frac{1}{34}$	$\frac{3}{16}$	$\frac{33}{136}$	$\frac{1}{4}$	$\Phi_{272}^6\ \Phi_{136}^3\ \Phi_{68}^5\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_{16}^7\ \Phi_{8}^4\ \Phi_{4}^5\ \Phi_{2}^4\ \Phi_{1}^5$
85900	1339	432	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{108}\ \Phi_{72}^4\ \Phi_{54}\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
85901	1339	1904	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{119}\ \Phi_{112}\ \Phi_{56}\ \Phi_{16}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
85902	1339	840	$\frac{1}{14}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
85903	1339	1728	$\frac{43}{432}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{389}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
85904	1339	896	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{25}{128}$	$\frac{7}{32}$	$\Phi_{896}^2\ \Phi_{448}^2\ \Phi_{128}\ \Phi_{64}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
85905	1339	1440	$\frac{101}{1440}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
85906	1339	1584	$\frac{19}{264}$	$\frac{245}{1584}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
85907	1339	1680	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{79}{420}$	$\frac{341}{1680}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{84}\ \Phi_{80}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
85908	1340	2004	$\frac{1}{334}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{333}{668}$	$\Phi_{2004}\ \Phi_{668}^2\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
85909	1340	2136	$\frac{1}{267}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{133}{267}$	$\Phi_{2136}\ \Phi_{712}\ \Phi_{267}\ \Phi_{89}\ \Phi_{24}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
85910	1340	3330	$\frac{2}{333}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{331}{666}$	$\Phi_{3330}\ \Phi_{1110}\ \Phi_{370}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
85911	1340	1197	$\frac{1}{133}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{66}{133}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{171}\ \Phi_{133}^2\ \Phi_{63}\ \Phi_{57}\ \Phi_{21}\ \Phi_{19}^2\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
85912	1340	798	$\frac{1}{133}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{66}{133}$	$\Phi_{798}^2\ \Phi_{399}\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{114}^2\ \Phi_{57}\ \Phi_{42}^2\ \Phi_{38}^2\ \Phi_{21}\ \Phi_{19}^2\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
85913	1340	1339	$\frac{11}{1339}$	$\frac{135}{1339}$	$\frac{602}{1339}$	$\frac{664}{1339}$	$\Phi_{1339}\ \Phi_{103}\ \Phi_{13}\ \Phi_{1}^2$
85914	1340	2240	$\frac{1}{112}$	$\frac{1}{5}$	$\frac{113}{448}$	$\frac{111}{224}$	$\Phi_{2240}\ \Phi_{560}\ \Phi_{320}\ \Phi_{280}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
85915	1340	3320	$\frac{3}{332}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{329}{664}$	$\Phi_{3320}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
85916	1340	618	$\frac{1}{103}$	$\frac{26}{309}$	$\frac{283}{618}$	$\frac{51}{103}$	$\Phi_{618}^4\ \Phi_{206}^4\ \Phi_{103}\ \Phi_{6}^4\ \Phi_{2}^4\ \Phi_{1}^2$
85917	1340	927	$\frac{1}{103}$	$\frac{52}{309}$	$\frac{257}{927}$	$\frac{51}{103}$	$\Phi_{927}^2\ \Phi_{103}\ \Phi_{9}^2\ \Phi_{1}^2$
85918	1340	412	$\frac{1}{103}$	$\frac{77}{412}$	$\frac{26}{103}$	$\frac{51}{103}$	$\Phi_{412}^4\ \Phi_{206}^4\ \Phi_{103}\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^2$
85919	1340	663	$\frac{7}{663}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{328}{663}$	$\Phi_{663}^2\ \Phi_{221}^2\ \Phi_{51}^2\ \Phi_{39}^2\ \Phi_{17}^2\ \Phi_{13}^3\ \Phi_{3}^2\ \Phi_{1}^4$
85920	1340	1614	$\frac{3}{269}$	$\frac{1}{6}$	$\frac{68}{269}$	$\frac{133}{269}$	$\Phi_{1614}\ \Phi_{807}\ \Phi_{538}$
85921	1340	1339	$\frac{17}{1339}$	$\frac{200}{1339}$	$\frac{339}{1339}$	$\frac{661}{1339}$	$\Phi_{1339}\ \Phi_{103}\ \Phi_{13}\ \Phi_{1}^2$
85922	1340	2013	$\frac{9}{671}$	$\frac{68}{671}$	$\frac{1}{3}$	$\frac{331}{671}$	$\Phi_{2013}\ \Phi_{183}\ \Phi_{33}$
85923	1340	2508	$\frac{1}{66}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{65}{132}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{228}\ \Phi_{132}^2\ \Phi_{76}\ \Phi_{44}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
85924	1340	132	$\frac{1}{66}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{65}{132}$	$\Phi_{132}^{20}\ \Phi_{44}^{20}\ \Phi_{33}\ \Phi_{12}^{20}\ \Phi_{4}^{20}$
85925	1340	2508	$\frac{1}{66}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{65}{132}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{228}\ \Phi_{132}^2\ \Phi_{76}\ \Phi_{44}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
85926	1340	660	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{65}{132}$	$\Phi_{660}^5\ \Phi_{220}^5\ \Phi_{60}^5\ \Phi_{30}\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{10}$
85927	1340	366	$\frac{1}{61}$	$\frac{31}{366}$	$\frac{1}{3}$	$\frac{30}{61}$	$\Phi_{366}^4\ \Phi_{183}^3\ \Phi_{122}^4\ \Phi_{61}^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
85928	1340	3290	$\frac{6}{329}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{323}{658}$	$\Phi_{3290}\ \Phi_{470}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
85929	1340	1920	$\frac{1}{48}$	$\frac{49}{384}$	$\frac{1}{5}$	$\frac{47}{96}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{320}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
85930	1340	3280	$\frac{7}{328}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{321}{656}$	$\Phi_{3280}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
85931	1340	990	$\frac{1}{45}$	$\frac{1}{11}$	$\frac{23}{90}$	$\frac{22}{45}$	$\Phi_{990}^2\ \Phi_{495}\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{99}\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}^2$
85932	1340	130	$\frac{2}{65}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{63}{130}$	$\Phi_{130}^{20}\ \Phi_{26}^{20}\ \Phi_{13}^3\ \Phi_{10}^{20}\ \Phi_2^{20}\ \Phi_1^4$
85933	1340	1430	$\frac{2}{65}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{63}{130}$	$\Phi_{1430}^2\ \Phi_{286}^2\ \Phi_{110}^2\ \Phi_{55}\ \Phi_{22}^2$
85934	1340	3240	$\frac{11}{324}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{313}{648}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{360}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
85935	1340	891	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{14}{81}$	$\frac{13}{27}$	$\Phi_{891}^2\ \Phi_{297}\ \Phi_{99}\ \Phi_{33}$
85936	1340	3220	$\frac{13}{322}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{309}{644}$	$\Phi_{3220}\ \Phi_{460}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
85937	1340	2688	$\frac{3}{64}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
85938	1340	640	$\frac{3}{64}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{61}{128}$	$\Phi_{640}^5\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
85939	1340	1311	$\frac{2}{69}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{1311}\ \Phi_{437}\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_{19}\ \Phi_1^2$
85940	1340	1881	$\frac{1}{33}$	$\frac{1}{19}$	$\frac{32}{99}$	$\frac{9}{19}$	$\Phi_{1881}\ \Phi_{171}\ \Phi_{99}^2\ \Phi_{19}\ \Phi_9^2\ \Phi_1^2$
85941	1340	1672	$\frac{1}{22}$	$\frac{1}{19}$	$\frac{21}{88}$	$\frac{9}{19}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{152}\ \Phi_{88}^2\ \Phi_{76}\ \Phi_{44}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
85942	1340	1368	$\frac{1}{19}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{152}\ \Phi_{76}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
85943	1340	1463	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{9}{19}$	$\Phi_{1463}\ \Phi_{133}\ \Phi_{77}^2\ \Phi_{19}\ \Phi_7^2\ \Phi_1^2$
85944	1340	1760	$\frac{17}{352}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
85945	1340	630	$\frac{1}{21}$	$\frac{4}{63}$	$\frac{1}{5}$	$\frac{59}{126}$	$\Phi_{630}^5\ \Phi_{210}^5\ \Phi_{105}\ \Phi_{90}^5\ \Phi_{70}^5\ \Phi_{35}\ \Phi_{30}^5\ \Phi_{15}\ \Phi_{10}^5$
85946	1340	1386	$\frac{4}{63}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{59}{126}$	$\Phi_{1386}^2\ \Phi_{462}^2\ \Phi_{198}^2\ \Phi_{154}^2\ \Phi_{99}\ \Phi_{66}^2\ \Phi_{33}\ \Phi_{22}^2$
85947	1340	825	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{8}{75}$	$\frac{7}{15}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}$
85948	1340	3120	$\frac{1}{24}$	$\frac{23}{312}$	$\frac{1}{5}$	$\frac{289}{624}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
85949	1340	624	$\frac{23}{312}$	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{289}{624}$	$\Phi_{624}^4\ \Phi_{208}^4\ \Phi_{48}^4\ \Phi_{26}^4\ \Phi_{16}^4\ \Phi_{13}^3\ \Phi_2^4\ \Phi_1^4$
85950	1340	442	$\frac{7}{221}$	$\frac{1}{13}$	$\frac{107}{442}$	$\frac{6}{13}$	$\Phi_{442}^4\ \Phi_{221}^2\ \Phi_{34}^4\ \Phi_{26}^4\ \Phi_{17}^2\ \Phi_{13}^3\ \Phi_2^4\ \Phi_1^4$
85951	1340	351	$\frac{16}{351}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{351}^4\ \Phi_{117}^4\ \Phi_{39}^2\ \Phi_{27}^4\ \Phi_{13}^3\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
85952	1340	618	$\frac{3}{103}$	$\frac{26}{309}$	$\frac{25}{103}$	$\frac{283}{618}$	$\Phi_{618}^4\ \Phi_{206}^4\ \Phi_{103}\ \Phi_6^4\ \Phi_2^4\ \Phi_1^2$
85953	1340	3080	$\frac{1}{28}$	$\frac{27}{308}$	$\frac{1}{5}$	$\frac{281}{616}$	$\Phi_{3080}\ \Phi_{440}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
85954	1340	1023	$\frac{6}{341}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1023}^2\ \Phi_{93}^2\ \Phi_{33}$
85955	1340	366	$\frac{1}{61}$	$\frac{6}{61}$	$\frac{1}{3}$	$\frac{55}{122}$	$\Phi_{366}^{10}\ \Phi_{183}\ \Phi_6^{10}$
85956	1340	612	$\frac{1}{68}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^3\ \Phi_{153}^2\ \Phi_{102}^3\ \Phi_{68}^2\ \Phi_{51}^3\ \Phi_{36}^2\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{17}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
85957	1340	630	$\frac{3}{70}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^4\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}^4\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
85958	1340	684	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{9}{76}$	$\frac{4}{9}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}^2\ \Phi_{171}\ \Phi_{114}^2\ \Phi_{76}^4\ \Phi_{57}\ \Phi_{38}^4\ \Phi_{36}^2\ \Phi_{19}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
85959	1340	792	$\frac{5}{72}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}^2$
85960	1340	364	$\frac{1}{13}$	$\frac{29}{364}$	$\frac{3}{26}$	$\frac{23}{52}$	$\Phi_{364}^4\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{28}^4\ \Phi_{26}^4\ \Phi_{14}^4\ \Phi_{13}^3\ \Phi_7^4\ \Phi_2^4\ \Phi_1^4$
85961	1340	1320	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{7}{60}$	$\frac{53}{120}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{165}\ \Phi_{88}^2\ \Phi_{55}\ \Phi_{33}$
85962	1340	1183	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{157}{1183}$	$\frac{513}{1183}$	$\Phi_{1183}\ \Phi_{169}^2\ \Phi_{91}\ \Phi_{13}\ \Phi_7\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
85963	1340	2940	$\frac{1}{42}$	$\frac{41}{294}$	$\frac{1}{5}$	$\frac{253}{588}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
85964	1340	476	$\frac{1}{68}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{476}^3\ \Phi_{238}^3\ \Phi_{119}^3\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{28}^3\ \Phi_{17}^2\ \Phi_{14}^3\ \Phi_4^2\ \Phi_2^2$
85965	1340	2880	$\frac{1}{48}$	$\frac{47}{288}$	$\frac{1}{5}$	$\frac{241}{576}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{320}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
85966	1340	560	$\frac{1}{56}$	$\frac{11}{56}$	$\frac{1}{5}$	$\frac{45}{112}$	$\Phi_{560}^5\ \Phi_{280}\ \Phi_{140}\ \Phi_{80}^5\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
85967	1340	1339	$\frac{14}{1339}$	$\frac{265}{1339}$	$\frac{401}{1339}$	$\frac{537}{1339}$	$\Phi_{1339}\ \Phi_{103}\ \Phi_{13}\ \Phi_1^2$
85968	1340	2013	$\frac{6}{671}$	$\frac{133}{671}$	$\frac{1}{3}$	$\frac{269}{671}$	$\Phi_{2013}\ \Phi_{183}\ \Phi_{33}$
85969	1340	770	$\frac{3}{70}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}^2\ \Phi_{55}\ \Phi_{22}^2$
85970	1340	1188	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{13}{54}$	$\frac{41}{108}$	$\Phi_{1188}^2\ \Phi_{396}^2\ \Phi_{297}\ \Phi_{132}^2\ \Phi_{99}\ \Phi_{44}^2\ \Phi_{33}$
85971	1340	1080	$\frac{1}{135}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
85972	1340	712	$\frac{1}{89}$	$\frac{22}{89}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{712}^3\ \Phi_{89}^3\ \Phi_8^4\ \Phi_1^4$
85973	1340	680	$\frac{1}{68}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{680}^4\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
85974	1340	504	$\frac{1}{21}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^2\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{72}^2\ \Phi_{63}^3\ \Phi_{56}^2\ \Phi_{42}^3\ \Phi_{36}^2\ \Phi_{28}^3\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
85975	1340	103	$\frac{3}{103}$	$\frac{10}{103}$	$\frac{31}{103}$	$\frac{36}{103}$	$\Phi_{103}^{13}\ \Phi_1^{14}$
85976	1340	714	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{714}^3\ \Phi_{357}\ \Phi_{238}^3\ \Phi_{119}\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{42}^3\ \Phi_{34}^2\ \Phi_{14}^3\ \Phi_6^2\ \Phi_2^2$
85977	1340	507	$\frac{6}{169}$	$\frac{1}{13}$	$\frac{163}{507}$	$\frac{172}{507}$	$\Phi_{507}^2\ \Phi_{169}^4\ \Phi_{39}^2\ \Phi_{13}^3\ \Phi_3^2\ \Phi_1^4$
85978	1340	2520	$\frac{1}{84}$	$\frac{1}{5}$	$\frac{83}{252}$	$\frac{169}{504}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
85979	1340	501	$\frac{1}{167}$	$\frac{166}{501}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{501}^3\ \Phi_{167}^2\ \Phi_3^4\ \Phi_1^4$
85980	1340	501	$\frac{2}{167}$	$\frac{33}{167}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{501}^2\ \Phi_{167}^4\ \Phi_3^3\ \Phi_1^6$
85981	1340	204	$\frac{1}{68}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{204}^7\ \Phi_{102}^7\ \Phi_{68}^6\ \Phi_{51}^7\ \Phi_{34}^6\ \Phi_{17}^6\ \Phi_{12}^7\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
85982	1340	759	$\frac{2}{69}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{759}^2\ \Phi_{253}^2\ \Phi_{33}$
85983	1340	99	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{32}{99}$	$\frac{1}{3}$	$\Phi_{99}^{20}\ \Phi_{33}\ \Phi_9^{20}$
85984	1340	693	$\frac{23}{693}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}^2\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{33}\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2$
85985	1340	183	$\frac{1}{61}$	$\frac{12}{61}$	$\frac{49}{183}$	$\frac{1}{3}$	$\Phi_{183}^6\ \Phi_{61}^{10}\ \Phi_3^5\ \Phi_1^{10}$
85986	1340	1836	$\frac{1}{68}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{459}\ \Phi_{204}\ \Phi_{108}\ \Phi_{102}\ \Phi_{54}\ \Phi_{51}\ \Phi_{12}\ \Phi_6$
85987	1340	2220	$\frac{2}{111}$	$\frac{1}{5}$	$\frac{109}{444}$	$\frac{1}{3}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{740}\ \Phi_{370}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
85988	1340	264	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{21}{88}$	$\frac{1}{3}$	$\Phi_{264}^{10}\ \Phi_{132}^{10}\ \Phi_{33}\ \Phi_{24}^{10}\ \Phi_{12}^{10}$
85989	1340	1056	$\frac{17}{352}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{12}^2$
85990	1340	1710	$\frac{7}{342}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{95}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
85991	1340	1311	$\frac{2}{69}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{1311}\ \Phi_{437}\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_{19}\ \Phi_1^2$
85992	1340	690	$\frac{2}{69}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{690}^3\ \Phi_{345}^2\ \Phi_{230}^3\ \Phi_{115}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
85993	1340	165	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{31}{165}$	$\frac{1}{3}$	$\Phi_{165}^{10}\ \Phi_{55}^{10}\ \Phi_{33}\ \Phi_{15}^{10}\ \Phi_5^{10}$
85994	1340	429	$\frac{9}{143}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{429}^5\ \Phi_{39}^5\ \Phi_{33}$
85995	1340	210	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^8\ \Phi_{42}^4\ \Phi_{35}^8\ \Phi_{30}^6\ \Phi_{21}^5\ \Phi_{15}^6\ \Phi_{14}^6\ \Phi_{10}^8\ \Phi_7^6\ \Phi_6^6\ \Phi_5^8\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
85996	1340	228	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{228}^6\ \Phi_{114}^4\ \Phi_{76}^8\ \Phi_{57}^5\ \Phi_{38}^6\ \Phi_{19}^6\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^8\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
85997	1340	792	$\frac{5}{72}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{33}$
85998	1340	396	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{61}{396}$	$\frac{1}{3}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^4\ \Phi_{99}^4\ \Phi_{44}^4\ \Phi_{36}^4\ \Phi_{33}\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_4^4$
85999	1340	363	$\frac{28}{363}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{3}$	$\Phi_{363}^4\ \Phi_{121}^4\ \Phi_{33}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
86000	1340	231	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{3}$	$\Phi_{231}^{10}\ \Phi_{33}\ \Phi_{21}^{10}$
86001	1340	2160	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{97}{432}$	$\frac{47}{144}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{270}\ \Phi_{240}\ \Phi_{135}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
86002	1340	1881	$\frac{1}{33}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{32}{99}$	$\Phi_{1881}\ \Phi_{171}\ \Phi_{99}^{2}\ \Phi_{19}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
86003	1340	990	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{32}{99}$	$\Phi_{990}^{3}\ \Phi_{495}^{2}\ \Phi_{90}^{3}\ \Phi_{45}^{2}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
86004	1340	1890	$\frac{1}{21}$	$\frac{43}{378}$	$\frac{1}{5}$	$\frac{20}{63}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{270}\ \Phi_{210}\ \Phi_{135}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
86005	1340	195	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{61}{195}$	$\Phi_{195}^{10}\ \Phi_{39}^{10}\ \Phi_{15}^{10}\ \Phi_{13}^{3}\ \Phi_{3}^{10}\ \Phi_{1}^{4}$
86006	1340	2145	$\frac{4}{65}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{61}{195}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}$
86007	1340	143	$\frac{9}{143}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{143}^{10}\ \Phi_{13}^{3}\ \Phi_{11}^{10}\ \Phi_{1}^{4}$
86008	1340	360	$\frac{5}{72}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{360}^{5}\ \Phi_{180}^{4}\ \Phi_{120}^{5}\ \Phi_{90}^{4}\ \Phi_{60}^{5}\ \Phi_{45}^{4}\ \Phi_{40}^{5}\ \Phi_{30}^{5}\ \Phi_{20}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{5}^{4}$
86009	1340	672	$\frac{1}{21}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{224}^{2}\ \Phi_{168}^{2}\ \Phi_{112}^{2}\ \Phi_{96}\ \Phi_{84}^{3}\ \Phi_{56}^{2}\ \Phi_{48}\ \Phi_{42}^{3}\ \Phi_{32}^{2}\ \Phi_{28}^{3}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
86010	1340	480	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{29}{96}$	$\Phi_{480}^{5}\ \Phi_{240}^{5}\ \Phi_{120}^{5}\ \Phi_{80}\ \Phi_{60}^{5}\ \Phi_{40}\ \Phi_{30}^{5}\ \Phi_{20}\ \Phi_{15}^{5}\ \Phi_{10}$
86011	1340	78	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{11}{78}$	$\frac{23}{78}$	$\Phi_{78}^{16}\ \Phi_{39}^{16}\ \Phi_{26}^{20}\ \Phi_{13}^{19}\ \Phi_{6}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{20}\ \Phi_{1}^{20}$
86012	1340	2079	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{189}$	$\Phi_{2079}\ \Phi_{297}\ \Phi_{99}\ \Phi_{33}$
86013	1340	70	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{70}^{20}\ \Phi_{35}^{18}\ \Phi_{14}^{20}\ \Phi_{10}^{20}\ \Phi_{7}^{20}\ \Phi_{5}^{17}\ \Phi_{2}^{20}\ \Phi_{1}^{20}$
86014	1340	468	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{156}$	$\frac{133}{468}$	$\Phi_{468}^{4}\ \Phi_{234}^{4}\ \Phi_{117}^{4}\ \Phi_{36}^{4}\ \Phi_{26}^{4}\ \Phi_{18}^{4}\ \Phi_{13}^{3}\ \Phi_{9}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
86015	1340	990	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{7}{30}$	$\frac{23}{90}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{198}^{2}\ \Phi_{165}\ \Phi_{99}^{2}\ \Phi_{55}\ \Phi_{33}$
86016	1340	412	$\frac{3}{103}$	$\frac{77}{412}$	$\frac{25}{103}$	$\frac{26}{103}$	$\Phi_{412}^{4}\ \Phi_{206}^{4}\ \Phi_{103}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
86017	1340	1680	$\frac{1}{21}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
86018	1340	1672	$\frac{1}{22}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{21}{88}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{152}\ \Phi_{88}^{2}\ \Phi_{76}\ \Phi_{44}^{2}\ \Phi_{19}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
86019	1340	1320	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{21}{88}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{440}\ \Phi_{220}\ \Phi_{120}^{2}\ \Phi_{60}^{2}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
86020	1340	1920	$\frac{1}{16}$	$\frac{49}{384}$	$\frac{1}{5}$	$\frac{15}{64}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
86021	1340	78	$\frac{1}{13}$	$\frac{11}{78}$	$\frac{2}{13}$	$\frac{3}{13}$	$\Phi_{78}^{20}\ \Phi_{39}^{20}\ \Phi_{26}^{20}\ \Phi_{13}^{3}\ \Phi_{6}^{20}\ \Phi_{3}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{4}$
86022	1340	2160	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{5}$	$\frac{97}{432}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
86023	1340	416	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{81}{416}$	$\frac{23}{104}$	$\Phi_{416}^{4}\ \Phi_{208}^{4}\ \Phi_{32}^{4}\ \Phi_{26}^{4}\ \Phi_{16}^{4}\ \Phi_{13}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
86024	1340	1368	$\frac{5}{72}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{152}\ \Phi_{76}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{19}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
86025	1340	1463	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1463}\ \Phi_{133}\ \Phi_{77}^{2}\ \Phi_{19}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
86026	1340	420	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{1}{5}$	$\frac{17}{84}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{140}^{5}\ \Phi_{105}\ \Phi_{70}^{5}\ \Phi_{60}^{5}\ \Phi_{35}\ \Phi_{30}^{5}\ \Phi_{20}^{5}\ \Phi_{15}\ \Phi_{10}^{5}$
86027	1340	80	$\frac{1}{16}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{5}$	$\Phi_{80}^{16}\ \Phi_{40}^{16}\ \Phi_{20}^{16}\ \Phi_{16}^{20}\ \Phi_{10}^{16}\ \Phi_{8}^{20}\ \Phi_{5}^{15}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{20}$
86028	1340	360	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}^{5}\ \Phi_{90}^{5}\ \Phi_{60}^{5}\ \Phi_{45}^{5}\ \Phi_{40}^{5}\ \Phi_{30}\ \Phi_{20}^{5}\ \Phi_{15}\ \Phi_{10}$
86029	1340	1980	$\frac{5}{66}$	$\frac{61}{396}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{220}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
86030	1340	2310	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
86031	1341	2144	$\frac{1}{268}$	$\frac{269}{1072}$	$\frac{803}{2144}$	$\frac{267}{536}$	$\Phi_{2144}\ \Phi_{536}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
86032	1341	2672	$\frac{5}{1336}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1331}{2672}$	$\Phi_{2672}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
86033	1341	1792	$\frac{3}{448}$	$\frac{1}{4}$	$\frac{451}{1792}$	$\frac{445}{896}$	$\Phi_{1792}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
86034	1341	592	$\frac{1}{148}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{147}{296}$	$\Phi_{592}^{4}\ \Phi_{296}\ \Phi_{16}^{5}\ \Phi_{8}\ \Phi_{1}$
86035	1341	296	$\frac{1}{148}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{147}{296}$	$\Phi_{296}^{9}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
86036	1341	2656	$\frac{13}{1328}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1315}{2656}$	$\Phi_{2656}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
86037	1341	1470	$\frac{2}{147}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{145}{294}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{245}\ \Phi_{210}\ \Phi_{147}\ \Phi_{105}\ \Phi_{70}\ \Phi_{49}\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
86038	1341	588	$\frac{2}{147}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{145}{294}$	$\Phi_{588}^3\ \Phi_{196}^3\ \Phi_{147}^3\ \Phi_{84}^3\ \Phi_{49}^3\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{14}\ \Phi_{12}^3\ \Phi_{7}^3\ \Phi_{4}^3\ \Phi_{3}^3\ \Phi_{1}^3$
86039	1341	512	$\frac{1}{64}$	$\frac{65}{512}$	$\frac{1}{4}$	$\frac{63}{128}$	$\Phi_{512}^3\ \Phi_{256}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
86040	1341	880	$\frac{7}{440}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{433}{880}$	$\Phi_{880}^3\ \Phi_{176}^3\ \Phi_{80}^3\ \Phi_{40}\ \Phi_{16}^3\ \Phi_{8}\ \Phi_{1}$
86041	1341	880	$\frac{7}{440}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{433}{880}$	$\Phi_{880}^3\ \Phi_{176}^3\ \Phi_{80}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{2}^2\ \Phi_{1}^3$
86042	1341	880	$\frac{7}{440}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{433}{880}$	$\Phi_{880}^3\ \Phi_{176}^3\ \Phi_{80}^3\ \Phi_{16}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
86043	1341	2632	$\frac{25}{1316}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1291}{2632}$	$\Phi_{2632}\ \Phi_{376}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
86044	1341	200	$\frac{1}{50}$	$\frac{1}{10}$	$\frac{51}{200}$	$\frac{49}{100}$	$\Phi_{200}^9\ \Phi_{50}^9\ \Phi_{40}^9\ \Phi_{25}^9\ \Phi_{10}^8\ \Phi_{8}^9\ \Phi_{5}^8\ \Phi_{2}^8\ \Phi_{1}^9$
86045	1341	2624	$\frac{29}{1312}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1283}{2624}$	$\Phi_{2624}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
86046	1341	290	$\frac{4}{145}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{141}{290}$	$\Phi_{290}^4\ \Phi_{145}^5\ \Phi_{58}^4\ \Phi_{29}^5\ \Phi_{10}^8\ \Phi_{5}^8\ \Phi_{2}^8\ \Phi_{1}^9$
86047	1341	868	$\frac{13}{434}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{421}{868}$	$\Phi_{868}\ \Phi_{434}^2\ \Phi_{217}^2\ \Phi_{124}\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{7}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
86048	1341	2600	$\frac{41}{1300}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1259}{2600}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{200}\ \Phi_{104}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
86049	1341	180	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{31}{180}$	$\frac{29}{60}$	$\Phi_{180}^9\ \Phi_{90}^9\ \Phi_{45}^9\ \Phi_{36}^9\ \Phi_{30}^9\ \Phi_{18}^9\ \Phi_{15}^9\ \Phi_{10}^8\ \Phi_{9}^9\ \Phi_{6}^9\ \Phi_{5}^8\ \Phi_{3}^9\ \Phi_{2}^8\ \Phi_{1}^9$
86050	1341	288	$\frac{5}{144}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{139}{288}$	$\Phi_{288}^9\ \Phi_{96}^9\ \Phi_{32}^9\ \Phi_{16}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
86051	1341	1440	$\frac{5}{144}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{139}{288}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}\ \Phi_{160}^2\ \Phi_{96}\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
86052	1341	2576	$\frac{53}{1288}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{1235}{2576}$	$\Phi_{2576}\ \Phi_{368}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
86053	1341	1408	$\frac{3}{64}$	$\frac{67}{1408}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
86054	1341	2560	$\frac{3}{64}$	$\frac{61}{1280}$	$\frac{1}{4}$	$\frac{1219}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
86055	1341	2560	$\frac{61}{1280}$	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{1219}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
86056	1341	1760	$\frac{21}{440}$	$\frac{1}{20}$	$\frac{419}{1760}$	$\frac{19}{40}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
86057	1341	160	$\frac{1}{20}$	$\frac{11}{160}$	$\frac{7}{40}$	$\frac{19}{40}$	$\Phi_{160}^9\ \Phi_{80}^9\ \Phi_{40}^7\ \Phi_{32}^9\ \Phi_{20}^6\ \Phi_{16}^9\ \Phi_{10}^6\ \Phi_{8}^7\ \Phi_{5}^6\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^7$
86058	1341	500	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{53}{500}$	$\frac{47}{100}$	$\Phi_{500}^3\ \Phi_{250}^3\ \Phi_{125}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{2}^2\ \Phi_{1}^3$
86059	1341	280	$\frac{1}{28}$	$\frac{9}{140}$	$\frac{1}{4}$	$\frac{131}{280}$	$\Phi_{280}^9\ \Phi_{56}^9\ \Phi_{40}^9\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{8}^9\ \Phi_{7}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
86060	1341	280	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{131}{280}$	$\Phi_{280}^9\ \Phi_{56}^9\ \Phi_{40}^9\ \Phi_{10}^8\ \Phi_{8}^9\ \Phi_{5}^8\ \Phi_{2}^8\ \Phi_{1}^9$
86061	1341	832	$\frac{1}{32}$	$\frac{31}{416}$	$\frac{1}{4}$	$\frac{385}{832}$	$\Phi_{832}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
86062	1341	2464	$\frac{3}{112}$	$\frac{109}{1232}$	$\frac{1}{4}$	$\frac{1123}{2464}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
86063	1341	160	$\frac{11}{160}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{160}^9\ \Phi_{80}^9\ \Phi_{40}^9\ \Phi_{32}^9\ \Phi_{16}^9\ \Phi_{10}^8\ \Phi_{8}^9\ \Phi_{5}^8\ \Phi_{2}^8\ \Phi_{1}^9$
86064	1341	270	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{14}{135}$	$\frac{121}{270}$	$\Phi_{270}^4\ \Phi_{135}^5\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^5\ \Phi_{30}^9\ \Phi_{27}^5\ \Phi_{18}^4\ \Phi_{15}^9\ \Phi_{10}^8\ \Phi_{9}^5\ \Phi_{6}^9\ \Phi_{5}^8\ \Phi_{3}^9\ \Phi_{2}^8\ \Phi_{1}^9$
86065	1341	268	$\frac{1}{67}$	$\frac{15}{134}$	$\frac{22}{67}$	$\frac{119}{268}$	$\Phi_{268}^9\ \Phi_{67}^2\ \Phi_{4}^9\ \Phi_{1}^3$
86066	1341	268	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{15}{134}$	$\frac{119}{268}$	$\Phi_{268}^9\ \Phi_{67}^2\ \Phi_{4}^9\ \Phi_{1}^3$
86067	1341	800	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{47}{400}$	$\frac{353}{800}$	$\Phi_{800}^3\ \Phi_{160}^3\ \Phi_{50}^3\ \Phi_{32}^3\ \Phi_{25}^3\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{2}^2\ \Phi_{1}^3$
86068	1341	1776	$\frac{1}{74}$	$\frac{1}{8}$	$\frac{73}{222}$	$\frac{7}{16}$	$\Phi_{1776}^2\ \Phi_{222}\ \Phi_{111}\ \Phi_{48}^2\ \Phi_{16}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
86069	1341	304	$\frac{3}{152}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{304}^8\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}^5\ \Phi_{8}\ \Phi_{1}$
86070	1341	2960	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{36}{185}$	$\frac{7}{16}$	$\Phi_{2960}\ \Phi_{185}\ \Phi_{80}\ \Phi_{16}\ \Phi_{5}\ \Phi_{1}$
86071	1341	784	$\frac{1}{56}$	$\frac{55}{392}$	$\frac{1}{4}$	$\frac{337}{784}$	$\Phi_{784}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{8}^3\ \Phi_{7}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
86072	1341	1876	$\frac{1}{67}$	$\frac{66}{469}$	$\frac{535}{1876}$	$\frac{403}{938}$	$\Phi_{1876}\ \Phi_{469}\ \Phi_{268}\ \Phi_{28}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
86073	1341	256	$\frac{1}{64}$	$\frac{21}{128}$	$\frac{1}{4}$	$\frac{107}{256}$	$\Phi_{256}^{9}\,\Phi_{64}^{3}\,\Phi_{32}^{3}\,\Phi_{16}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
86074	1341	780	$\frac{7}{156}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{780}^{2}\,\Phi_{390}^{2}\,\Phi_{260}^{2}\,\Phi_{195}^{2}\,\Phi_{156}\,\Phi_{130}^{2}\,\Phi_{78}\,\Phi_{65}^{2}\,\Phi_{52}\,\Phi_{39}\,\Phi_{30}^{2}\,\Phi_{26}\,\Phi_{15}^{2}\,\Phi_{13}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
86075	1341	1400	$\frac{59}{1400}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{1400}\,\Phi_{700}\,\Phi_{350}\,\Phi_{280}\,\Phi_{200}\,\Phi_{175}\,\Phi_{140}\,\Phi_{70}\,\Phi_{56}\,\Phi_{50}\,\Phi_{40}\,\Phi_{35}\,\Phi_{28}\,\Phi_{25}\,\Phi_{14}\,\Phi_{8}\,\Phi_{7}\,\Phi_{1}$
86076	1341	250	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{24}{125}$	$\frac{101}{250}$	$\Phi_{250}^{4}\,\Phi_{125}^{5}\,\Phi_{50}^{9}\,\Phi_{25}^{9}\,\Phi_{10}^{8}\,\Phi_{5}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
86077	1341	2240	$\frac{3}{224}$	$\frac{221}{1120}$	$\frac{1}{4}$	$\frac{899}{2240}$	$\Phi_{2240}\,\Phi_{448}\,\Phi_{320}\,\Phi_{224}\,\Phi_{112}\,\Phi_{64}\,\Phi_{56}\,\Phi_{32}\,\Phi_{28}\,\Phi_{16}\,\Phi_{14}\,\Phi_{8}\,\Phi_{7}\,\Phi_{1}$
86078	1341	445	$\frac{4}{445}$	$\frac{1}{5}$	$\frac{147}{445}$	$\frac{2}{5}$	$\Phi_{445}^{3}\,\Phi_{89}^{3}\,\Phi_{5}^{4}\,\Phi_{1}^{5}$
86079	1341	160	$\frac{1}{20}$	$\frac{11}{160}$	$\frac{19}{80}$	$\frac{61}{160}$	$\Phi_{160}^{8}\,\Phi_{80}^{9}\,\Phi_{40}^{9}\,\Phi_{32}^{8}\,\Phi_{20}^{8}\,\Phi_{16}^{9}\,\Phi_{10}^{8}\,\Phi_{8}^{9}\,\Phi_{5}^{8}\,\Phi_{4}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
86080	1341	240	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{29}{120}$	$\frac{91}{240}$	$\Phi_{240}^{9}\,\Phi_{80}^{9}\,\Phi_{48}^{9}\,\Phi_{30}^{9}\,\Phi_{16}^{9}\,\Phi_{15}^{9}\,\Phi_{10}^{8}\,\Phi_{6}^{9}\,\Phi_{5}^{8}\,\Phi_{3}^{9}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
86081	1341	460	$\frac{13}{460}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{460}^{3}\,\Phi_{230}^{3}\,\Phi_{115}^{3}\,\Phi_{92}^{3}\,\Phi_{46}^{3}\,\Phi_{23}^{3}\,\Phi_{10}^{2}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
86082	1341	469	$\frac{22}{469}$	$\frac{4}{67}$	$\frac{21}{67}$	$\frac{23}{67}$	$\Phi_{469}^{3}\,\Phi_{67}^{2}\,\Phi_{7}^{3}\,\Phi_{1}^{3}$
86083	1341	680	$\frac{1}{20}$	$\frac{19}{340}$	$\frac{107}{340}$	$\frac{233}{680}$	$\Phi_{680}^{3}\,\Phi_{340}\,\Phi_{170}\,\Phi_{136}^{3}\,\Phi_{85}\,\Phi_{68}\,\Phi_{40}^{3}\,\Phi_{34}\,\Phi_{17}\,\Phi_{8}^{3}\,\Phi_{1}$
86084	1341	536	$\frac{1}{67}$	$\frac{89}{536}$	$\frac{22}{67}$	$\frac{45}{134}$	$\Phi_{536}^{3}\,\Phi_{268}^{3}\,\Phi_{67}^{2}\,\Phi_{8}^{3}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
86085	1341	224	$\frac{1}{112}$	$\frac{1}{4}$	$\frac{37}{112}$	$\frac{75}{224}$	$\Phi_{224}^{9}\,\Phi_{112}^{3}\,\Phi_{56}^{3}\,\Phi_{32}^{9}\,\Phi_{28}^{3}\,\Phi_{16}^{3}\,\Phi_{14}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
86086	1341	153	$\frac{4}{153}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{153}^{9}\,\Phi_{51}^{8}\,\Phi_{17}^{9}\,\Phi_{9}^{9}\,\Phi_{3}^{7}\,\Phi_{1}^{9}$
86087	1341	840	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{19}{168}$	$\frac{1}{3}$	$\Phi_{840}^{2}\,\Phi_{420}^{2}\,\Phi_{280}^{2}\,\Phi_{210}\,\Phi_{168}\,\Phi_{140}^{2}\,\Phi_{120}^{2}\,\Phi_{105}\,\Phi_{84}\,\Phi_{70}\,\Phi_{60}^{2}\,\Phi_{56}\,\Phi_{40}^{2}\,\Phi_{35}\,\Phi_{30}^{2}\,\Phi_{28}\,\Phi_{24}\,\Phi_{21}\,\Phi_{20}^{2}\,\Phi_{15}^{2}\,\Phi_{12}\,\Phi_{10}\,\Phi_{8}\,\Phi_{7}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
86088	1341	444	$\frac{1}{74}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{73}{222}$	$\Phi_{444}^{4}\,\Phi_{222}^{5}\,\Phi_{111}^{5}\,\Phi_{12}^{4}\,\Phi_{6}^{5}\,\Phi_{4}^{2}\,\Phi_{3}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
86089	1341	201	$\frac{1}{67}$	$\frac{15}{67}$	$\frac{52}{201}$	$\frac{22}{67}$	$\Phi_{201}^{9}\,\Phi_{67}^{2}\,\Phi_{3}^{9}\,\Phi_{1}^{3}$
86090	1341	192	$\frac{1}{64}$	$\frac{43}{192}$	$\frac{1}{4}$	$\frac{21}{64}$	$\Phi_{192}^{9}\,\Phi_{96}^{9}\,\Phi_{64}^{3}\,\Phi_{48}^{9}\,\Phi_{32}^{3}\,\Phi_{24}^{9}\,\Phi_{16}^{3}\,\Phi_{12}^{9}\,\Phi_{8}^{3}\,\Phi_{6}^{9}\,\Phi_{4}^{2}\,\Phi_{3}^{9}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
86091	1341	220	$\frac{7}{220}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{71}{220}$	$\Phi_{220}^{6}\,\Phi_{110}^{6}\,\Phi_{55}^{6}\,\Phi_{44}^{6}\,\Phi_{22}^{6}\,\Phi_{20}^{6}\,\Phi_{11}^{6}\,\Phi_{10}^{8}\,\Phi_{5}^{8}\,\Phi_{4}^{6}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
86092	1341	168	$\frac{1}{28}$	$\frac{19}{168}$	$\frac{1}{4}$	$\frac{9}{28}$	$\Phi_{168}^{9}\,\Phi_{84}^{9}\,\Phi_{56}^{9}\,\Phi_{42}^{9}\,\Phi_{28}^{3}\,\Phi_{24}^{9}\,\Phi_{21}^{9}\,\Phi_{14}^{3}\,\Phi_{12}^{9}\,\Phi_{8}^{9}\,\Phi_{7}^{3}\,\Phi_{6}^{9}\,\Phi_{4}^{2}\,\Phi_{3}^{9}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
86093	1341	160	$\frac{1}{16}$	$\frac{11}{160}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{160}^{9}\,\Phi_{80}^{9}\,\Phi_{40}^{9}\,\Phi_{32}^{9}\,\Phi_{20}^{9}\,\Phi_{16}^{3}\,\Phi_{10}^{9}\,\Phi_{8}^{3}\,\Phi_{5}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
86094	1341	650	$\frac{41}{650}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{203}{650}$	$\Phi_{650}^{2}\,\Phi_{325}^{2}\,\Phi_{130}^{2}\,\Phi_{65}^{2}\,\Phi_{50}^{3}\,\Phi_{26}^{2}\,\Phi_{25}^{3}\,\Phi_{13}^{2}\,\Phi_{10}^{2}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
86095	1341	180	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{31}{180}$	$\frac{14}{45}$	$\Phi_{180}^{9}\,\Phi_{90}^{4}\,\Phi_{60}^{9}\,\Phi_{45}^{5}\,\Phi_{36}^{9}\,\Phi_{30}^{9}\,\Phi_{20}^{9}\,\Phi_{18}^{4}\,\Phi_{15}^{9}\,\Phi_{12}^{9}\,\Phi_{10}^{8}\,\Phi_{9}^{5}\,\Phi_{6}^{9}\,\Phi_{5}^{8}\,\Phi_{4}^{9}\,\Phi_{3}^{9}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
86096	1341	1080	$\frac{5}{72}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{67}{216}$	$\Phi_{1080}^{2}\,\Phi_{540}^{2}\,\Phi_{270}^{2}\,\Phi_{216}\,\Phi_{135}^{2}\,\Phi_{108}\,\Phi_{54}\,\Phi_{30}^{2}\,\Phi_{27}\,\Phi_{15}^{2}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
86097	1341	640	$\frac{3}{64}$	$\frac{61}{640}$	$\frac{1}{4}$	$\frac{193}{640}$	$\Phi_{640}^{2}\,\Phi_{320}^{2}\,\Phi_{160}^{2}\,\Phi_{128}^{2}\,\Phi_{80}^{2}\,\Phi_{64}^{3}\,\Phi_{40}^{2}\,\Phi_{32}^{3}\,\Phi_{20}^{2}\,\Phi_{16}^{3}\,\Phi_{10}^{2}\,\Phi_{8}^{3}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
86098	1341	640	$\frac{1}{20}$	$\frac{61}{640}$	$\frac{19}{80}$	$\frac{193}{640}$	$\Phi_{640}^{2}\,\Phi_{320}^{2}\,\Phi_{160}^{2}\,\Phi_{128}^{2}\,\Phi_{80}^{3}\,\Phi_{64}^{2}\,\Phi_{40}^{3}\,\Phi_{32}^{2}\,\Phi_{20}^{2}\,\Phi_{16}^{3}\,\Phi_{10}^{2}\,\Phi_{8}^{3}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
86099	1341	550	$\frac{7}{110}$	$\frac{1}{10}$	$\frac{103}{550}$	$\frac{3}{10}$	$\Phi_{550}^{3}\,\Phi_{275}^{3}\,\Phi_{50}^{3}\,\Phi_{25}^{3}\,\Phi_{10}^{2}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
86100	1341	160	$\frac{11}{160}$	$\frac{1}{10}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{160}^{9}\,\Phi_{80}^{9}\,\Phi_{40}^{6}\,\Phi_{32}^{9}\,\Phi_{20}^{6}\,\Phi_{16}^{9}\,\Phi_{10}^{8}\,\Phi_{8}^{6}\,\Phi_{5}^{8}\,\Phi_{4}^{6}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
86101	1341	210	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{210}$	$\Phi_{210}^{9}\,\Phi_{105}^{9}\,\Phi_{42}^{9}\,\Phi_{30}^{9}\,\Phi_{21}^{9}\,\Phi_{15}^{9}\,\Phi_{10}^{8}\,\Phi_{6}^{9}\,\Phi_{5}^{8}\,\Phi_{3}^{9}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
86102	1341	308	$\frac{5}{154}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{308}^{6}\,\Phi_{154}^{3}\,\Phi_{77}^{3}\,\Phi_{44}^{6}\,\Phi_{28}^{4}\,\Phi_{22}^{3}\,\Phi_{14}\,\Phi_{11}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
86103	1341	810	$\frac{13}{162}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{810}^{2}\,\Phi_{405}^{2}\,\Phi_{270}^{2}\,\Phi_{162}\,\Phi_{135}^{2}\,\Phi_{81}\,\Phi_{54}\,\Phi_{30}^{2}\,\Phi_{27}\,\Phi_{15}^{2}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
86104	1341	201	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{15}{67}$	$\frac{52}{201}$	$\Phi_{201}^{9}\,\Phi_{67}^{2}\,\Phi_{3}^{9}\,\Phi_{1}^{3}$
86105	1341	200	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{47}{200}$	$\frac{51}{200}$	$\Phi_{200}^{6}\,\Phi_{100}^{6}\,\Phi_{50}^{9}\,\Phi_{40}^{6}\,\Phi_{25}^{9}\,\Phi_{20}^{6}\,\Phi_{10}^{8}\,\Phi_{8}^{6}\,\Phi_{5}^{8}\,\Phi_{4}^{6}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
86106	1341	152	$\frac{3}{152}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{152}^{9}\,\Phi_{76}^{9}\,\Phi_{38}^{9}\,\Phi_{19}^{9}\,\Phi_{8}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
86107	1341	592	$\frac{3}{148}$	$\frac{145}{592}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{592}^3\ \Phi_{296}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
86108	1341	740	$\frac{1}{37}$	$\frac{36}{185}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{740}^2\ \Phi_{370}^2\ \Phi_{185}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
86109	1341	196	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{47}{196}$	$\frac{1}{4}$	$\Phi_{196}^6\ \Phi_{98}^6\ \Phi_{49}^9\ \Phi_{28}^7\ \Phi_{14}^7\ \Phi_7^9\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
86110	1341	512	$\frac{3}{64}$	$\frac{65}{512}$	$\frac{61}{256}$	$\frac{1}{4}$	$\Phi_{512}^3\ \Phi_{256}^2\ \Phi_{128}^2\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
86111	1341	192	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{43}{192}$	$\frac{1}{4}$	$\Phi_{192}^9\ \Phi_{96}^9\ \Phi_{64}^9\ \Phi_{32}^9\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
86112	1341	560	$\frac{1}{28}$	$\frac{27}{140}$	$\frac{113}{560}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{28}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
86113	1341	1600	$\frac{3}{64}$	$\frac{259}{1600}$	$\frac{61}{320}$	$\frac{1}{4}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_8\ \Phi_1$
86114	1341	160	$\frac{11}{160}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{160}^9\ \Phi_{80}^9\ \Phi_{40}^6\ \Phi_{32}^9\ \Phi_{20}^6\ \Phi_{16}^9\ \Phi_{10}^6\ \Phi_8^9\ \Phi_5^6\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
86115	1341	176	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{27}{176}$	$\frac{1}{4}$	$\Phi_{176}^9\ \Phi_{88}^6\ \Phi_{44}^6\ \Phi_{22}^6\ \Phi_{16}^9\ \Phi_{11}^6\ \Phi_8^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
86116	1341	980	$\frac{43}{490}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{980}^2\ \Phi_{490}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}^2\ \Phi_{70}\ \Phi_{49}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
86117	1341	168	$\frac{2}{21}$	$\frac{19}{168}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{168}^9\ \Phi_{84}^6\ \Phi_{56}^9\ \Phi_{42}^6\ \Phi_{28}^7\ \Phi_{24}^9\ \Phi_{21}^9\ \Phi_{14}^7\ \Phi_{12}^6\ \Phi_8^9\ \Phi_7^9\ \Phi_6^6\ \Phi_4^6\ \Phi_3^9\ \Phi_2^6\ \Phi_1^9$
86118	1341	1600	$\frac{1}{20}$	$\frac{259}{1600}$	$\frac{61}{320}$	$\frac{19}{80}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{16}\ \Phi_8\ \Phi_1$
86119	1341	960	$\frac{1}{10}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{192}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{192}\ \Phi_{160}^2\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
86120	1341	840	$\frac{1}{10}$	$\frac{19}{168}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
86121	1341	180	$\frac{1}{10}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{180}$	$\Phi_{180}^7\ \Phi_{90}^7\ \Phi_{60}^7\ \Phi_{45}^7\ \Phi_{36}^8\ \Phi_{30}^9\ \Phi_{20}^7\ \Phi_{18}^8\ \Phi_{15}^9\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_9^8\ \Phi_6^9\ \Phi_5^8\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
86122	1342	1338	$\frac{2}{669}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{667}{1338}$	$\Phi_{1338}^2\ \Phi_{446}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
86123	1342	2688	$\frac{1}{224}$	$\frac{225}{896}$	$\frac{1}{3}$	$\frac{223}{448}$	$\Phi_{2688}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
86124	1342	4008	$\frac{3}{668}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{665}{1336}$	$\Phi_{4008}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
86125	1342	1192	$\frac{1}{149}$	$\frac{75}{596}$	$\frac{521}{1192}$	$\frac{74}{149}$	$\Phi_{1192}^2\ \Phi_{149}\ \Phi_8^2\ \Phi_1^2$
86126	1342	894	$\frac{1}{149}$	$\frac{223}{894}$	$\frac{75}{298}$	$\frac{74}{149}$	$\Phi_{894}^2\ \Phi_{447}^2\ \Phi_{149}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
86127	1342	1332	$\frac{5}{666}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{661}{1332}$	$\Phi_{1332}^2\ \Phi_{444}^2\ \Phi_{148}^2\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
86128	1342	1332	$\frac{5}{666}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{661}{1332}$	$\Phi_{1332}^2\ \Phi_{444}^2\ \Phi_{148}^2\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
86129	1342	2420	$\frac{1}{121}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{60}{121}$	$\Phi_{2420}\ \Phi_{484}\ \Phi_{220}\ \Phi_{121}\ \Phi_{44}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
86130	1342	1815	$\frac{1}{121}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{60}{121}$	$\Phi_{1815}\ \Phi_{363}\ \Phi_{165}\ \Phi_{121}\ \Phi_{33}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
86131	1342	3990	$\frac{6}{665}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{659}{1330}$	$\Phi_{3990}\ \Phi_{798}\ \Phi_{570}\ \Phi_{210}\ \Phi_{114}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_6$
86132	1342	768	$\frac{1}{96}$	$\frac{97}{768}$	$\frac{1}{3}$	$\frac{95}{192}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}^2\ \Phi_{128}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
86133	1342	3984	$\frac{7}{664}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{657}{1328}$	$\Phi_{3984}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
86134	1342	1323	$\frac{19}{1323}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{652}{1323}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{189}\ \Phi_{147}\ \Phi_{63}\ \Phi_{49}\ \Phi_{27}\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
86135	1342	1323	$\frac{19}{1323}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{652}{1323}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{189}\ \Phi_{147}\ \Phi_{63}\ \Phi_{49}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
86136	1342	840	$\frac{1}{60}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{59}{120}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{168}^3\ \Phi_{120}^4\ \Phi_{56}^3\ \Phi_{40}^4\ \Phi_{24}^4\ \Phi_{21}\ \Phi_8^4\ \Phi_7\ \Phi_3\ \Phi_1^2$
86137	1342	120	$\frac{1}{60}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{59}{120}$	$\Phi_{120}^{22}\ \Phi_{40}^{22}\ \Phi_{24}^{22}\ \Phi_{12}^2\ \Phi_8^{22}\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
86138	1342	840	$\frac{1}{60}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{59}{120}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{168}^3\ \Phi_{120}^4\ \Phi_{56}^3\ \Phi_{40}^4\ \Phi_{24}^4\ \Phi_{14}^2\ \Phi_8^4\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
86139	1342	900	$\frac{4}{225}$	$\frac{1}{9}$	$\frac{229}{900}$	$\frac{221}{450}$	$\Phi_{900}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
86140	1342	3948	$\frac{13}{658}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{645}{1316}$	$\Phi_{3948}\ \Phi_{564}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
86141	1342	3936	$\frac{15}{656}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{641}{1312}$	$\Phi_{3936}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
86142	1342	492	$\frac{1}{41}$	$\frac{1}{12}$	$\frac{21}{82}$	$\frac{20}{41}$	$\Phi_{492}^3\,\Phi_{246}^3\,\Phi_{164}^3\,\Phi_{123}^3\,\Phi_{82}\,\Phi_{41}^2\,\Phi_{12}^2\,\Phi_6^2\,\Phi_4^2\,\Phi_3^2\,\Phi_1^2$
86143	1342	1305	$\frac{37}{1305}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{634}{1305}$	$\Phi_{1305}\,\Phi_{435}\,\Phi_{261}\,\Phi_{145}\,\Phi_{87}\,\Phi_{45}^2\,\Phi_{29}\,\Phi_{15}^2\,\Phi_9\,\Phi_5^2\,\Phi_3\,\Phi_1^2$
86144	1342	810	$\frac{4}{135}$	$\frac{1}{9}$	$\frac{139}{810}$	$\frac{131}{270}$	$\Phi_{810}^2\,\Phi_{405}^2\,\Phi_{162}^2\,\Phi_{135}^2\,\Phi_{81}^2\,\Phi_{45}^2\,\Phi_{27}^2\,\Phi_{15}^2\,\Phi_9\,\Phi_5^2\,\Phi_3\,\Phi_1^2$
86145	1342	1302	$\frac{20}{651}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{631}{1302}$	$\Phi_{1302}^2\,\Phi_{434}^2\,\Phi_{186}^2\,\Phi_{62}^2\,\Phi_{42}^2\,\Phi_{21}^2\,\Phi_{14}^2\,\Phi_7^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
86146	1342	192	$\frac{1}{32}$	$\frac{3}{64}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{192}^{10}\,\Phi_{96}^{11}\,\Phi_{48}^{11}\,\Phi_{24}^{11}\,\Phi_{12}^{11}\,\Phi_6^{11}\,\Phi_3^{10}$
86147	1342	1296	$\frac{23}{648}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{625}{1296}$	$\Phi_{1296}^2\,\Phi_{432}^2\,\Phi_{144}^2\,\Phi_{48}^2\,\Phi_{24}^2\,\Phi_{16}^2\,\Phi_{12}^2\,\Phi_8^2\,\Phi_6^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
86148	1342	1296	$\frac{23}{648}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{625}{1296}$	$\Phi_{1296}^2\,\Phi_{432}^2\,\Phi_{144}^2\,\Phi_{48}^2\,\Phi_{27}^2\,\Phi_{16}^2\,\Phi_9\,\Phi_3\,\Phi_1^2$
86149	1342	3864	$\frac{1}{28}$	$\frac{27}{644}$	$\frac{1}{3}$	$\frac{617}{1288}$	$\Phi_{3864}\,\Phi_{552}\,\Phi_{168}\,\Phi_{84}\,\Phi_{42}\,\Phi_{24}\,\Phi_{21}\,\Phi_{12}\,\Phi_6$
86150	1342	63	$\frac{2}{63}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{63}^{22}\,\Phi_{21}^{20}\,\Phi_9^{22}\,\Phi_7^{20}\,\Phi_3^{19}\,\Phi_1^{20}$
86151	1342	630	$\frac{1}{30}$	$\frac{1}{21}$	$\frac{29}{90}$	$\frac{10}{21}$	$\Phi_{630}^3\,\Phi_{315}^3\,\Phi_{126}^3\,\Phi_{90}^4\,\Phi_{63}^3\,\Phi_{45}^4\,\Phi_{21}\,\Phi_{18}^4\,\Phi_9^4\,\Phi_7\,\Phi_3\,\Phi_1^2$
86152	1342	1344	$\frac{3}{64}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{1344}\,\Phi_{672}\,\Phi_{448}\,\Phi_{336}\,\Phi_{224}\,\Phi_{192}\,\Phi_{168}\,\Phi_{112}\,\Phi_{96}\,\Phi_{64}^2\,\Phi_{56}\,\Phi_{48}\,\Phi_{32}^2\,\Phi_{24}\,\Phi_{21}\,\Phi_{16}^2\,\Phi_8^2\,\Phi_7\,\Phi_3\,\Phi_1^2$
86153	1342	1680	$\frac{1}{21}$	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{10}{21}$	$\Phi_{1680}\,\Phi_{840}\,\Phi_{560}\,\Phi_{336}\,\Phi_{280}\,\Phi_{240}\,\Phi_{168}\,\Phi_{120}\,\Phi_{112}\,\Phi_{80}^2\,\Phi_{56}\,\Phi_{48}\,\Phi_{40}^2\,\Phi_{24}\,\Phi_{21}\,\Phi_{16}^2\,\Phi_8^2\,\Phi_7\,\Phi_3\,\Phi_1^2$
86154	1342	1365	$\frac{1}{21}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{1365}\,\Phi_{455}\,\Phi_{273}\,\Phi_{195}\,\Phi_{91}\,\Phi_{65}^2\,\Phi_{39}\,\Phi_{21}\,\Phi_{13}^2\,\Phi_7\,\Phi_3\,\Phi_1^2$
86155	1342	525	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{10}{21}$	$\Phi_{525}^3\,\Phi_{175}^3\,\Phi_{75}^4\,\Phi_{25}^4\,\Phi_{21}\,\Phi_7\,\Phi_3\,\Phi_1^2$
86156	1342	462	$\frac{1}{21}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{10}{21}$	$\Phi_{462}^3\,\Phi_{231}^3\,\Phi_{154}^3\,\Phi_{77}^3\,\Phi_{66}^4\,\Phi_{33}^4\,\Phi_{22}^4\,\Phi_{21}\,\Phi_{11}^4\,\Phi_7\,\Phi_3\,\Phi_1^2$
86157	1342	504	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{10}{21}$	$\Phi_{504}^3\,\Phi_{252}^3\,\Phi_{168}^3\,\Phi_{126}^3\,\Phi_{72}^4\,\Phi_{63}^3\,\Phi_{56}^3\,\Phi_{36}^4\,\Phi_{24}^4\,\Phi_{21}\,\Phi_{18}^4\,\Phi_9^4\,\Phi_8^4\,\Phi_7\,\Phi_3\,\Phi_1^2$
86158	1342	210	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{10}{21}$	$\Phi_{210}^6\,\Phi_{105}^6\,\Phi_{70}^7\,\Phi_{42}^6\,\Phi_{35}^7\,\Phi_{30}^6\,\Phi_{21}^7\,\Phi_{15}^6\,\Phi_{14}^7\,\Phi_{10}^6\,\Phi_7^8\,\Phi_6^6\,\Phi_5^6\,\Phi_3^7\,\Phi_2^6\,\Phi_1^8$
86159	1342	3840	$\frac{1}{32}$	$\frac{31}{640}$	$\frac{1}{3}$	$\frac{609}{1280}$	$\Phi_{3840}\,\Phi_{768}\,\Phi_{96}\,\Phi_{48}\,\Phi_{24}\,\Phi_{12}\,\Phi_6$
86160	1342	1260	$\frac{1}{42}$	$\frac{41}{630}$	$\frac{1}{3}$	$\frac{589}{1260}$	$\Phi_{1260}^2\,\Phi_{420}^2\,\Phi_{252}^2\,\Phi_{180}^2\,\Phi_{140}^2\,\Phi_{84}^2\,\Phi_{60}^2\,\Phi_{42}^2\,\Phi_{36}^2\,\Phi_{28}^2\,\Phi_{21}^2\,\Phi_{20}^2\,\Phi_{14}^2\,\Phi_{12}^2\,\Phi_7^2\,\Phi_6^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
86161	1342	1260	$\frac{41}{630}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{589}{1260}$	$\Phi_{1260}^2\,\Phi_{420}^2\,\Phi_{252}^2\,\Phi_{180}^2\,\Phi_{140}^2\,\Phi_{84}^2\,\Phi_{60}^2\,\Phi_{45}^2\,\Phi_{36}^2\,\Phi_{28}^2\,\Phi_{20}^2\,\Phi_{15}^2\,\Phi_{12}^2\,\Phi_9\,\Phi_5^2\,\Phi_4^2\,\Phi_3\,\Phi_1^2$
86162	1342	1248	$\frac{1}{48}$	$\frac{47}{624}$	$\frac{1}{3}$	$\frac{577}{1248}$	$\Phi_{1248}^2\,\Phi_{416}^2\,\Phi_{96}^2\,\Phi_{48}^2\,\Phi_{32}^2\,\Phi_{24}^2\,\Phi_{16}^2\,\Phi_{12}^2\,\Phi_8^2\,\Phi_6^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
86163	1342	720	$\frac{49}{720}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{90}$	$\Phi_{720}^2\,\Phi_{360}^2\,\Phi_{240}^2\,\Phi_{180}^2\,\Phi_{144}^2\,\Phi_{120}^2\,\Phi_{80}^2\,\Phi_{72}^2\,\Phi_{60}^2\,\Phi_{48}^2\,\Phi_{45}^2\,\Phi_{40}^2\,\Phi_{36}^2\,\Phi_{24}^2\,\Phi_{20}^2\,\Phi_{16}^2\,\Phi_{15}^2\,\Phi_{12}^2\,\Phi_9\,\Phi_8^2\,\Phi_5^2\,\Phi_4^2\,\Phi_3\,\Phi_1^2$
86164	1342	336	$\frac{1}{56}$	$\frac{5}{56}$	$\frac{1}{3}$	$\frac{51}{112}$	$\Phi_{336}^{11}\,\Phi_{168}\,\Phi_{84}\,\Phi_{48}^{11}\,\Phi_{42}\,\Phi_{24}\,\Phi_{21}\,\Phi_{12}\,\Phi_6$
86165	1342	1860	$\frac{1}{62}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1860}^2\,\Phi_{372}^2\,\Phi_{186}\,\Phi_{93}\,\Phi_{60}\,\Phi_{12}\,\Phi_6$
86166	1342	660	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{660}^4\,\Phi_{220}^3\,\Phi_{132}^4\,\Phi_{66}^2\,\Phi_{60}^4\,\Phi_{44}^3\,\Phi_{33}^2\,\Phi_{22}^2\,\Phi_{20}^4\,\Phi_{12}^4\,\Phi_{11}\,\Phi_6^2\,\Phi_4^4\,\Phi_3^2\,\Phi_2^2\,\Phi_1^2$
86167	1342	1215	$\frac{8}{135}$	$\frac{127}{1215}$	$\frac{1}{9}$	$\frac{544}{1215}$	$\Phi_{1215}\,\Phi_{405}\,\Phi_{243}\,\Phi_{135}^2\,\Phi_{81}\,\Phi_{45}^2\,\Phi_{27}^2\,\Phi_{15}^2\,\Phi_9\,\Phi_5^2\,\Phi_3\,\Phi_1^2$
86168	1342	999	$\frac{5}{333}$	$\frac{1}{9}$	$\frac{328}{999}$	$\frac{4}{9}$	$\Phi_{999}^2\,\Phi_{27}^2\,\Phi_9\,\Phi_3\,\Phi_1^2$
86169	1342	684	$\frac{13}{684}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{684}^2\,\Phi_{342}^2\,\Phi_{228}^2\,\Phi_{171}^2\,\Phi_{114}^2\,\Phi_{76}^2\,\Phi_{57}^2\,\Phi_{38}^2\,\Phi_{36}^2\,\Phi_{19}^2\,\Phi_{12}^2\,\Phi_9\,\Phi_4^2\,\Phi_3\,\Phi_1^2$
86170	1342	1176	$\frac{1}{84}$	$\frac{83}{588}$	$\frac{1}{3}$	$\frac{505}{1176}$	$\Phi_{1176}^2\,\Phi_{392}^2\,\Phi_{168}^2\,\Phi_{84}^2\,\Phi_{56}^2\,\Phi_{42}^2\,\Phi_{28}^2\,\Phi_{24}^2\,\Phi_{21}^2\,\Phi_{14}^2\,\Phi_{12}^2\,\Phi_8^2\,\Phi_7^2\,\Phi_6^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
86171	1342	702	$\frac{31}{702}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{702}^2\,\Phi_{351}^2\,\Phi_{234}^2\,\Phi_{117}^2\,\Phi_{78}^2\,\Phi_{39}^2\,\Phi_{27}^2\,\Phi_{26}^2\,\Phi_{13}^2\,\Phi_9\,\Phi_3\,\Phi_1^2$
86172	1342	1152	$\frac{1}{96}$	$\frac{95}{576}$	$\frac{1}{3}$	$\frac{481}{1152}$	$\Phi_{1152}^2\,\Phi_{384}^2\,\Phi_{128}^2\,\Phi_{96}^2\,\Phi_{48}^2\,\Phi_{32}^2\,\Phi_{24}^2\,\Phi_{16}^2\,\Phi_{12}^2\,\Phi_8^2\,\Phi_6^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
86173	1342	1125	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{217}{1125}$	$\frac{454}{1125}$	$\Phi_{1125}\,\Phi_{375}\,\Phi_{225}^2\,\Phi_{125}\,\Phi_{75}^2\,\Phi_{45}^2\,\Phi_{25}^2\,\Phi_{15}^2\,\Phi_9\,\Phi_5^2\,\Phi_3\,\Phi_1^2$
86174	1342	3360	$\frac{1}{112}$	$\frac{111}{560}$	$\frac{1}{3}$	$\frac{449}{1120}$	$\Phi_{3360}\,\Phi_{672}\,\Phi_{480}\,\Phi_{336}\,\Phi_{168}\,\Phi_{96}\,\Phi_{84}\,\Phi_{48}\,\Phi_{42}\,\Phi_{24}\,\Phi_{21}\,\Phi_{12}\,\Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
86175	1342	738	$\frac{1}{123}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{738}^3\ \Phi_{246}^3\ \Phi_{123}^2\ \Phi_{82}^3\ \Phi_{41}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
86176	1342	1080	$\frac{4}{135}$	$\frac{1}{9}$	$\frac{131}{540}$	$\frac{409}{1080}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
86177	1342	1968	$\frac{1}{123}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1968}\ \Phi_{656}\ \Phi_{492}\ \Phi_{246}\ \Phi_{164}\ \Phi_{82}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
86178	1342	1008	$\frac{1}{168}$	$\frac{167}{504}$	$\frac{1}{3}$	$\frac{337}{1008}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
86179	1342	252	$\frac{2}{63}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^6\ \Phi_{63}^4\ \Phi_{42}^6\ \Phi_{36}^6\ \Phi_{28}^6\ \Phi_{21}^4\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_{12}^2\ \Phi_9^4\ \Phi_7^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
86180	1342	864	$\frac{1}{96}$	$\frac{193}{864}$	$\frac{95}{288}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
86181	1342	756	$\frac{1}{42}$	$\frac{85}{756}$	$\frac{41}{126}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
86182	1342	180	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{29}{90}$	$\frac{1}{3}$	$\Phi_{180}^{12}\ \Phi_{90}^{10}\ \Phi_{45}^{10}\ \Phi_{36}^{12}\ \Phi_{18}^{10}\ \Phi_{12}^2\ \Phi_9^{10}\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
86183	1342	720	$\frac{1}{24}$	$\frac{49}{720}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
86184	1342	192	$\frac{3}{64}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{192}^{11}\ \Phi_{96}^{11}\ \Phi_{48}^9\ \Phi_{24}^9\ \Phi_{12}^9\ \Phi_6^9\ \Phi_3^8$
86185	1342	63	$\frac{2}{63}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{63}^{21}\ \Phi_{21}^{22}\ \Phi_9^{21}\ \Phi_7^{22}\ \Phi_3^{21}\ \Phi_1^{22}$
86186	1342	960	$\frac{1}{32}$	$\frac{31}{320}$	$\frac{289}{960}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}^2\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
86187	1342	684	$\frac{13}{684}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{36}^2\ \Phi_{19}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
86188	1342	930	$\frac{1}{62}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{930}\ \Phi_{465}\ \Phi_{310}^2\ \Phi_{186}^2\ \Phi_{155}^2\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{30}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
86189	1342	192	$\frac{3}{64}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{192}^7\ \Phi_{96}^7\ \Phi_{64}^8\ \Phi_{48}^7\ \Phi_{32}^8\ \Phi_{24}^7\ \Phi_{16}^8\ \Phi_{12}^2\ \Phi_8^8\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
86190	1342	888	$\frac{5}{222}$	$\frac{1}{6}$	$\frac{217}{888}$	$\frac{1}{3}$	$\Phi_{888}^2\ \Phi_{444}^2\ \Phi_{296}^2\ \Phi_{148}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
86191	1342	768	$\frac{1}{32}$	$\frac{97}{768}$	$\frac{31}{128}$	$\frac{1}{3}$	$\Phi_{768}^2\ \Phi_{384}\ \Phi_{256}^2\ \Phi_{192}\ \Phi_{128}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
86192	1342	882	$\frac{19}{441}$	$\frac{2}{21}$	$\frac{211}{882}$	$\frac{1}{3}$	$\Phi_{882}^2\ \Phi_{441}\ \Phi_{294}^2\ \Phi_{147}\ \Phi_{126}^2\ \Phi_{98}^2\ \Phi_{63}\ \Phi_{49}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
86193	1342	240	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{19}{80}$	$\frac{1}{3}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{80}^8\ \Phi_{48}^7\ \Phi_{40}^8\ \Phi_{24}^7\ \Phi_{16}^8\ \Phi_{12}^2\ \Phi_8^8\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
86194	1342	864	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{193}{864}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
86195	1342	126	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{126}^{14}\ \Phi_{63}^8\ \Phi_{42}^{12}\ \Phi_{21}^7\ \Phi_{18}^{14}\ \Phi_{14}^{14}\ \Phi_9^8\ \Phi_7^8\ \Phi_6^{12}\ \Phi_3^6\ \Phi_2^{14}\ \Phi_1^8$
86196	1342	840	$\frac{1}{42}$	$\frac{41}{210}$	$\frac{169}{840}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
86197	1342	780	$\frac{4}{65}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
86198	1342	2400	$\frac{1}{32}$	$\frac{129}{800}$	$\frac{31}{160}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{96}\ \Phi_{75}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
86199	1342	300	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{14}{75}$	$\frac{1}{3}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^6\ \Phi_{75}^4\ \Phi_{50}^6\ \Phi_{25}^4\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
86200	1342	720	$\frac{49}{720}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
86201	1342	2100	$\frac{29}{700}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
86202	1342	132	$\frac{5}{66}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{132}^{12}\ \Phi_{66}^{10}\ \Phi_{44}^{12}\ \Phi_{33}^{10}\ \Phi_{22}^{10}\ \Phi_{12}^2\ \Phi_{11}^{10}\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
86203	1342	798	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{127}{798}$	$\frac{1}{3}$	$\Phi_{798}^2\ \Phi_{399}\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{114}^2\ \Phi_{57}\ \Phi_{42}^2\ \Phi_{38}^2\ \Phi_{21}^2\ \Phi_{19}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
86204	1342	72	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{3}$	$\Phi_{72}^{22}\ \Phi_{36}^{22}\ \Phi_{24}^{22}\ \Phi_{18}^{22}\ \Phi_{12}^2\ \Phi_9^{22}\ \Phi_8^{22}\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
86205	1342	540	$\frac{1}{12}$	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^2\ \Phi_{108}^3\ \Phi_{90}^3\ \Phi_{54}^3\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
86206	1342	735	$\frac{64}{735}$	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{1}{3}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}\ \Phi_{105}^2\ \Phi_{49}\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
86207	1342	420	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^3\ \Phi_{140}^4\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{42}^3\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_7^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
86208	1342	756	$\frac{2}{21}$	$\frac{19}{189}$	$\frac{85}{756}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
86209	1342	630	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{29}{90}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{126}^3\ \Phi_{90}^4\ \Phi_{63}^3\ \Phi_{45}^4\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_9^4\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
86210	1342	810	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{139}{810}$	$\frac{127}{405}$	$\Phi_{810}^2\ \Phi_{405}\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{81}\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
86211	1342	972	$\frac{23}{324}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{301}{972}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{243}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
86212	1342	756	$\frac{19}{189}$	$\frac{1}{9}$	$\frac{85}{756}$	$\frac{8}{27}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
86213	1342	945	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{315}$	$\frac{274}{945}$	$\Phi_{945}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
86214	1342	729	$\frac{58}{729}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{81}$	$\Phi_{729}^2\ \Phi_{243}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
86215	1342	330	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{330}^4\ \Phi_{165}^3\ \Phi_{110}^4\ \Phi_{66}^6\ \Phi_{55}^4\ \Phi_{33}^5\ \Phi_{30}^4\ \Phi_{22}^6\ \Phi_{15}^4\ \Phi_{11}^5\ \Phi_{10}^4\ \Phi_6^6\ \Phi_5^4\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
86216	1342	448	$\frac{3}{64}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{64}^4\ \Phi_{56}^3\ \Phi_{32}^4\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_8^4\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
86217	1342	560	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{19}{80}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{112}^3\ \Phi_{80}^4\ \Phi_{56}^3\ \Phi_{40}^4\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_8^4\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
86218	1342	864	$\frac{23}{216}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{193}{864}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{16}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
86219	1342	910	$\frac{4}{65}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{910}^2\ \Phi_{455}\ \Phi_{182}^2\ \Phi_{130}^2\ \Phi_{91}\ \Phi_{65}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
86220	1342	1050	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{14}{75}$	$\frac{3}{14}$	$\Phi_{1050}^2\ \Phi_{525}\ \Phi_{350}^2\ \Phi_{175}\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
86221	1342	462	$\frac{5}{66}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{462}^3\ \Phi_{231}^3\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{14}^2\ \Phi_{11}^4\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
86222	1342	504	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{72}$	$\frac{3}{14}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{72}^4\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_9^4\ \Phi_8^4\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
86223	1342	70	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{70}^{19}\ \Phi_{35}^{19}\ \Phi_{14}^{21}\ \Phi_{10}^{18}\ \Phi_7^{20}\ \Phi_5^{18}\ \Phi_2^{20}\ \Phi_1^{20}$
86224	1342	756	$\frac{1}{9}$	$\frac{85}{756}$	$\frac{4}{27}$	$\frac{23}{108}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
86225	1342	810	$\frac{1}{9}$	$\frac{23}{162}$	$\frac{4}{27}$	$\frac{139}{810}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
86226	1343	2440	$\frac{1}{122}$	$\frac{123}{1220}$	$\frac{1097}{2440}$	$\frac{121}{244}$	$\Phi_{2440}\ \Phi_{488}\ \Phi_{244}\ \Phi_{40}\ \Phi_8\ \Phi_4\ \Phi_1$
86227	1343	1248	$\frac{1}{78}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{77}{156}$	$\Phi_{1248}^2\ \Phi_{416}^2\ \Phi_{156}\ \Phi_{96}^2\ \Phi_{52}\ \Phi_{32}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
86228	1343	312	$\frac{1}{78}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{77}{156}$	$\Phi_{312}^4\ \Phi_{156}^5\ \Phi_{104}^4\ \Phi_{78}^4\ \Phi_{52}^5\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{24}^5\ \Phi_{13}^4\ \Phi_{12}^6\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
86229	1343	780	$\frac{1}{78}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{77}{156}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{52}\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
86230	1343	2640	$\frac{23}{1320}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{1297}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{80}\ \Phi_{48}\ \Phi_{44}\ \Phi_{16}\ \Phi_4\ \Phi_1$
86231	1343	2640	$\frac{23}{1320}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1297}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{80}\ \Phi_{48}\ \Phi_{33}\ \Phi_{16}\ \Phi_3\ \Phi_1$
86232	1343	1804	$\frac{10}{451}$	$\frac{1}{11}$	$\frac{461}{1804}$	$\frac{441}{902}$	$\Phi_{1804}\ \Phi_{451}\ \Phi_{164}\ \Phi_{44}\ \Phi_{41}\ \Phi_4\ \Phi_1$
86233	1343	154	$\frac{2}{77}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{75}{154}$	$\Phi_{154}^6\ \Phi_{77}^{11}\ \Phi_{22}^8\ \Phi_{14}^6\ \Phi_{11}^{12}\ \Phi_7^{11}\ \Phi_2^8\ \Phi_1^{13}$
86234	1343	1368	$\frac{3}{76}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{1368}^2\ \Phi_{456}^2\ \Phi_{152}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
86235	1343	1980	$\frac{23}{660}$	$\frac{1}{22}$	$\frac{637}{1980}$	$\frac{21}{44}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{198}\ \Phi_{180}\ \Phi_{99}\ \Phi_{90}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
86236	1343	1408	$\frac{1}{22}$	$\frac{65}{1408}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{128}\ \Phi_{64}\ \Phi_{44}\ \Phi_{32}\ \Phi_{16}\ \Phi_4\ \Phi_1$
86237	1343	1760	$\frac{1}{22}$	$\frac{23}{440}$	$\frac{417}{1760}$	$\frac{21}{44}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}\ \Phi_{80}\ \Phi_{44}\ \Phi_{32}\ \Phi_{16}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
86238	1343	1452	$\frac{1}{22}$	$\frac{109}{1452}$	$\frac{23}{132}$	$\frac{21}{44}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{484}\ \Phi_{363}\ \Phi_{242}\ \Phi_{121}\ \Phi_{44}\ \Phi_4\ \Phi_1$
86239	1343	1584	$\frac{1}{22}$	$\frac{23}{264}$	$\frac{241}{1584}$	$\frac{21}{44}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{72}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_4\ \Phi_1$
86240	1343	1540	$\frac{1}{22}$	$\frac{23}{220}$	$\frac{197}{1540}$	$\frac{21}{44}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{154}\ \Phi_{140}\ \Phi_{77}\ \Phi_{70}\ \Phi_{44}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
86241	1343	450	$\frac{4}{75}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{450}^3\ \Phi_{225}^3\ \Phi_{150}^2\ \Phi_{90}^4\ \Phi_{75}^3\ \Phi_{50}^2\ \Phi_{45}^4\ \Phi_{30}^3\ \Phi_{25}^3\ \Phi_{18}^3\ \Phi_{15}^4\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^2\ \Phi_5^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
86242	1343	2592	$\frac{2}{81}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{81}\ \Phi_{32}\ \Phi_{27}\ \Phi_9\ \Phi_1$
86243	1343	3744	$\frac{1}{39}$	$\frac{1}{16}$	$\frac{38}{117}$	$\frac{15}{32}$	$\Phi_{3744}\ \Phi_{288}\ \Phi_{117}\ \Phi_{32}\ \Phi_9\ \Phi_1$
86244	1343	416	$\frac{1}{26}$	$\frac{1}{16}$	$\frac{25}{104}$	$\frac{15}{32}$	$\Phi_{416}^6\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}^7\ \Phi_8\ \Phi_4\ \Phi_1$
86245	1343	288	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{288}^4\ \Phi_{144}^6\ \Phi_{96}^3\ \Phi_{72}^6\ \Phi_{48}^5\ \Phi_{36}^6\ \Phi_{32}^4\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
86246	1343	672	$\frac{5}{84}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{672}^4\ \Phi_{224}^4\ \Phi_{96}^2\ \Phi_{84}\ \Phi_{42}\ \Phi_{32}^3\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
86247	1343	2912	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{15}{32}$	$\Phi_{2912}\ \Phi_{224}\ \Phi_{91}\ \Phi_{32}\ \Phi_7\ \Phi_1$
86248	1343	144	$\frac{1}{18}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{144}$	$\Phi_{144}^{17}\ \Phi_{72}^2\ \Phi_{48}^{17}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{16}^{17}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
86249	1343	1260	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{140}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{90}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
86250	1343	240	$\frac{1}{80}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^5\ \Phi_{60}^6\ \Phi_{48}^6\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^6\ \Phi_{20}^5\ \Phi_{16}^5\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_8^5\ \Phi_6^5\ \Phi_5^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
86251	1343	240	$\frac{1}{80}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^5\ \Phi_{60}^6\ \Phi_{48}^6\ \Phi_{40}^5\ \Phi_{30}^6\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{16}^5\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^5\ \Phi_5^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
86252	1343	2196	$\frac{1}{122}$	$\frac{245}{1098}$	$\frac{121}{366}$	$\frac{853}{2196}$	$\Phi_{2196}\ \Phi_{732}\ \Phi_{366}\ \Phi_{244}\ \Phi_{183}\ \Phi_{36}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
86253	1343	1152	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{1152}^2\ \Phi_{384}^2\ \Phi_{144}^2\ \Phi_{128}\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
86254	1343	1952	$\frac{1}{122}$	$\frac{121}{488}$	$\frac{609}{1952}$	$\frac{367}{976}$	$\Phi_{1952}\ \Phi_{488}\ \Phi_{244}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
86255	1343	1386	$\frac{43}{1386}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{198}\ \Phi_{154}\ \Phi_{126}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{42}\ \Phi_{33}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1$
86256	1343	360	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{360}^6\ \Phi_{180}^2\ \Phi_{120}^5\ \Phi_{90}^2\ \Phi_{72}^6\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^5\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^5\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_8^5\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
86257	1343	648	$\frac{2}{81}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^3\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
86258	1343	1620	$\frac{2}{81}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{20}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
86259	1343	936	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{38}{117}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{234}^2\ \Phi_{117}^3\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
86260	1343	2340	$\frac{1}{39}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{38}{117}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{180}\ \Phi_{117}\ \Phi_{90}\ \Phi_{45}\ \Phi_{20}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
86261	1343	1980	$\frac{23}{660}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{637}{1980}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{198}\ \Phi_{180}\ \Phi_{99}\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_9\ \Phi_3\ \Phi_1$
86262	1343	1650	$\frac{23}{330}$	$\frac{1}{11}$	$\frac{307}{1650}$	$\frac{10}{33}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{275}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{33}\ \Phi_{25}\ \Phi_3\ \Phi_1$
86263	1343	1452	$\frac{109}{1452}$	$\frac{1}{11}$	$\frac{23}{132}$	$\frac{10}{33}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{484}\ \Phi_{363}\ \Phi_{242}\ \Phi_{121}\ \Phi_{33}\ \Phi_3\ \Phi_1$
86264	1343	1584	$\frac{23}{264}$	$\frac{1}{11}$	$\frac{241}{1584}$	$\frac{10}{33}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_3\ \Phi_1$
86265	1343	1485	$\frac{1}{11}$	$\frac{142}{1485}$	$\frac{23}{165}$	$\frac{10}{33}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{135}\ \Phi_{99}\ \Phi_{45}\ \Phi_{33}\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1$
86266	1343	312	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{25}{104}$	$\frac{7}{24}$	$\Phi_{312}^6\ \Phi_{156}^6\ \Phi_{104}\ \Phi_{78}^6\ \Phi_{52}\ \Phi_{39}^6\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_8\ \Phi_6^7\ \Phi_4\ \Phi_3^7\ \Phi_1$
86267	1343	288	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{288}^6\ \Phi_{144}^6\ \Phi_{96}^5\ \Phi_{72}^2\ \Phi_{48}^5\ \Phi_{36}^2\ \Phi_{32}^5\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{16}^5\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
86268	1343	168	$\frac{5}{84}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{168}^8\ \Phi_{84}^9\ \Phi_{56}^8\ \Phi_{42}^9\ \Phi_{28}^9\ \Phi_{24}^5\ \Phi_{21}^9\ \Phi_{14}^9\ \Phi_{12}^6\ \Phi_8^4\ \Phi_7^9\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
86269	1343	2184	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{12}{91}$	$\frac{7}{24}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{273}\ \Phi_{168}\ \Phi_{91}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
86270	1343	90	$\frac{1}{18}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{90}^{15}\ \Phi_{45}^{15}\ \Phi_{30}^{15}\ \Phi_{18}^{14}\ \Phi_{15}^{16}\ \Phi_{10}^{15}\ \Phi_9^{14}\ \Phi_6^{14}\ \Phi_5^{15}\ \Phi_3^{15}\ \Phi_2^{14}\ \Phi_1^{15}$
86271	1343	520	$\frac{1}{26}$	$\frac{3}{20}$	$\frac{25}{104}$	$\frac{1}{4}$	$\Phi_{520}^4\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{104}\ \Phi_{65}^2\ \Phi_{52}\ \Phi_{40}^4\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8\ \Phi_5^3\ \Phi_4\ \Phi_1$
86272	1343	420	$\frac{5}{84}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}\ \Phi_{70}^4\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{35}^4\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}^3\ \Phi_7\ \Phi_5^3\ \Phi_4\ \Phi_1$
86273	1343	1820	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{140}\ \Phi_{91}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
86274	1343	88	$\frac{1}{11}$	$\frac{9}{88}$	$\frac{2}{11}$	$\frac{5}{22}$	$\Phi_{88}^{17}\ \Phi_{44}^{17}\ \Phi_{22}^8\ \Phi_{11}^{12}\ \Phi_8^{17}\ \Phi_4^{17}\ \Phi_2^8\ \Phi_1^{13}$
86275	1343	900	$\frac{1}{18}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{900}^2\ \Phi_{450}\ \Phi_{300}^2\ \Phi_{225}\ \Phi_{180}^2\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
86276	1344	1005	$\frac{1}{335}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{167}{335}$	$\Phi_{1005}\ \Phi_{335}^2\ \Phi_{201}\ \Phi_{67}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
86277	1344	1343	$\frac{5}{1343}$	$\frac{337}{1343}$	$\frac{503}{1343}$	$\frac{669}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86278	1344	2019	$\frac{3}{673}$	$\frac{169}{673}$	$\frac{1}{3}$	$\frac{335}{673}$	Φ_{2019}
86279	1344	1115	$\frac{1}{223}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{111}{223}$	$\Phi_{1115}\ \Phi_{223}^2\ \Phi_5^2\ \Phi_1^4$
86280	1344	2676	$\frac{1}{223}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{111}{223}$	$\Phi_{2676}\ \Phi_{1338}\ \Phi_{12}^2\ \Phi_6^2$
86281	1344	1343	$\frac{7}{1343}$	$\frac{225}{1343}$	$\frac{559}{1343}$	$\frac{668}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86282	1344	2292	$\frac{1}{191}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{95}{191}$	$\Phi_{2292}\ \Phi_{764}\ \Phi_{191}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
86283	1344	1719	$\frac{1}{191}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{95}{191}$	$\Phi_{1719}\ \Phi_{191}\ \Phi_9^2\ \Phi_1^2$
86284	1344	1169	$\frac{1}{167}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{83}{167}$	$\Phi_{1169}\ \Phi_{167}^2\ \Phi_7^2\ \Phi_1^4$
86285	1344	2505	$\frac{1}{167}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{83}{167}$	$\Phi_{2505}\ \Phi_{15}^2$
86286	1344	1796	$\frac{3}{449}$	$\frac{1}{4}$	$\frac{113}{449}$	$\frac{223}{449}$	$\Phi_{1796}\ \Phi_{898}$
86287	1344	1343	$\frac{9}{1343}$	$\frac{169}{1343}$	$\frac{587}{1343}$	$\frac{667}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86288	1344	1343	$\frac{9}{1343}$	$\frac{335}{1343}$	$\frac{338}{1343}$	$\frac{667}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86289	1344	2019	$\frac{5}{673}$	$\frac{113}{673}$	$\frac{1}{3}$	$\frac{334}{673}$	Φ_{2019}
86290	1344	1685	$\frac{3}{337}$	$\frac{1}{5}$	$\frac{85}{337}$	$\frac{167}{337}$	Φ_{1685}
86291	1344	1221	$\frac{1}{111}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{55}{111}$	$\Phi_{1221}\ \Phi_{407}\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
86292	1344	777	$\frac{1}{111}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{55}{111}$	$\Phi_{777}^2\ \Phi_{259}^2\ \Phi_{21}^3\ \Phi_7^2$
86293	1344	1221	$\frac{1}{111}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{55}{111}$	$\Phi_{1221}\ \Phi_{407}\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
86294	1344	2220	$\frac{1}{111}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{55}{111}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{740}\ \Phi_{370}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
86295	1344	1343	$\frac{13}{1343}$	$\frac{113}{1343}$	$\frac{615}{1343}$	$\frac{665}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86296	1344	1343	$\frac{13}{1343}$	$\frac{251}{1343}$	$\frac{339}{1343}$	$\frac{665}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86297	1344	2019	$\frac{7}{673}$	$\frac{85}{673}$	$\frac{1}{3}$	$\frac{333}{673}$	Φ_{2019}
86298	1344	1235	$\frac{1}{95}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{47}{95}$	$\Phi_{1235}\ \Phi_{247}\ \Phi_{95}^2\ \Phi_{65}\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
86299	1344	2280	$\frac{1}{95}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{47}{95}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{228}\ \Phi_{120}\ \Phi_{114}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
86300	1344	1343	$\frac{15}{1343}$	$\frac{97}{1343}$	$\frac{623}{1343}$	$\frac{664}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86301	1344	1245	$\frac{1}{83}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{41}{83}$	$\Phi_{1245}\ \Phi_{415}\ \Phi_{249}\ \Phi_{83}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
86302	1344	747	$\frac{1}{83}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{41}{83}$	$\Phi_{747}^2\ \Phi_{249}\ \Phi_{83}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
86303	1344	415	$\frac{1}{83}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{41}{83}$	$\Phi_{415}^3\ \Phi_{83}^4\ \Phi_5^6\ \Phi_1^8$
86304	1344	79	$\frac{1}{79}$	$\frac{5}{79}$	$\frac{37}{79}$	$\frac{39}{79}$	$\Phi_{79}^{17}\ \Phi_1^{18}$
86305	1344	79	$\frac{1}{79}$	$\frac{10}{79}$	$\frac{23}{79}$	$\frac{39}{79}$	$\Phi_{79}^{17}\ \Phi_1^{18}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
86306	1344	395	$\frac{1}{79}$	$\frac{59}{395}$	$\frac{20}{79}$	$\frac{39}{79}$	$\Phi_{395}^4\ \Phi_{79}\ \Phi_5^4\ \Phi_1^2$
86307	1344	525	$\frac{1}{75}$	$\frac{1}{7}$	$\frac{19}{75}$	$\frac{37}{75}$	$\Phi_{525}^3\ \Phi_{175}^3\ \Phi_{105}^3\ \Phi_{35}^3\ \Phi_{21}^3\ \Phi_7^2$
86308	1344	221	$\frac{3}{221}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{109}{221}$	$\Phi_{221}^6\ \Phi_{17}^7\ \Phi_{13}^6\ \Phi_1^8$
86309	1344	221	$\frac{3}{221}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{109}{221}$	$\Phi_{221}^6\ \Phi_{17}^7\ \Phi_{13}^6\ \Phi_1^8$
86310	1344	1343	$\frac{19}{1343}$	$\frac{227}{1343}$	$\frac{279}{1343}$	$\frac{662}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86311	1344	1685	$\frac{5}{337}$	$\frac{57}{337}$	$\frac{1}{5}$	$\frac{166}{337}$	Φ_{1685}
86312	1344	1544	$\frac{3}{193}$	$\frac{1}{8}$	$\frac{49}{193}$	$\frac{95}{193}$	$\Phi_{1544}\ \Phi_{772}\ \Phi_{386}$
86313	1344	1796	$\frac{7}{449}$	$\frac{57}{449}$	$\frac{1}{4}$	$\frac{221}{449}$	$\Phi_{1796}\ \Phi_{898}$
86314	1344	1343	$\frac{21}{1343}$	$\frac{167}{1343}$	$\frac{341}{1343}$	$\frac{661}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86315	1344	2520	$\frac{1}{63}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{31}{63}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_9\ \Phi_8^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
86316	1344	630	$\frac{1}{63}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{31}{63}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^3\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^4\ \Phi_9^3\ \Phi_7^3\ \Phi_6^2\ \Phi_5^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
86317	1344	504	$\frac{1}{63}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{31}{63}$	$\Phi_{504}^3\ \Phi_{252}^2\ \Phi_{168}^3\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8^6\ \Phi_7^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
86318	1344	1575	$\frac{1}{63}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{31}{63}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{225}\ \Phi_{175}\ \Phi_{75}\ \Phi_{63}\ \Phi_{25}^2\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
86319	1344	2019	$\frac{11}{673}$	$\frac{57}{673}$	$\frac{1}{3}$	$\frac{331}{673}$	Φ_{2019}
86320	1344	1521	$\frac{3}{169}$	$\frac{1}{9}$	$\frac{43}{169}$	$\frac{83}{169}$	$\Phi_{1521}\ \Phi_{507}\ \Phi_{117}\ \Phi_{39}$
86321	1344	1265	$\frac{1}{55}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{27}{55}$	$\Phi_{1265}\ \Phi_{253}\ \Phi_{115}\ \Phi_{55}^2\ \Phi_{23}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
86322	1344	2145	$\frac{1}{55}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{27}{55}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{195}\ \Phi_{39}^2$
86323	1344	1265	$\frac{1}{55}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{27}{55}$	$\Phi_{1265}\ \Phi_{253}\ \Phi_{115}\ \Phi_{55}^2\ \Phi_{23}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
86324	1344	1980	$\frac{1}{55}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{27}{55}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{396}\ \Phi_{330}\ \Phi_{198}\ \Phi_{180}\ \Phi_{132}\ \Phi_{90}\ \Phi_{66}\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
86325	1344	1265	$\frac{1}{55}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{27}{55}$	$\Phi_{1265}\ \Phi_{253}\ \Phi_{115}\ \Phi_{55}^2\ \Phi_{23}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
86326	1344	385	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{27}{55}$	$\Phi_{385}^4\ \Phi_{77}^4\ \Phi_{35}^5\ \Phi_7^4$
86327	1344	1343	$\frac{25}{1343}$	$\frac{57}{1343}$	$\frac{643}{1343}$	$\frac{659}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86328	1344	1343	$\frac{25}{1343}$	$\frac{143}{1343}$	$\frac{342}{1343}$	$\frac{659}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86329	1344	1343	$\frac{25}{1343}$	$\frac{171}{1343}$	$\frac{293}{1343}$	$\frac{659}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86330	1344	2019	$\frac{13}{673}$	$\frac{49}{673}$	$\frac{1}{3}$	$\frac{330}{673}$	Φ_{2019}
86331	1344	1685	$\frac{7}{337}$	$\frac{43}{337}$	$\frac{1}{5}$	$\frac{165}{337}$	Φ_{1685}
86332	1344	1269	$\frac{1}{47}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{23}{47}$	$\Phi_{1269}\ \Phi_{423}\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
86333	1344	705	$\frac{1}{47}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{705}^2\ \Phi_{235}^2\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
86334	1344	423	$\frac{1}{47}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{23}{47}$	$\Phi_{423}^3\ \Phi_{141}^3\ \Phi_{47}^4\ \Phi_9^6\ \Phi_3^6\ \Phi_1^8$
86335	1344	1880	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{23}{47}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{470}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
86336	1344	1343	$\frac{29}{1343}$	$\frac{49}{1343}$	$\frac{647}{1343}$	$\frac{657}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86337	1344	1343	$\frac{29}{1343}$	$\frac{98}{1343}$	$\frac{415}{1343}$	$\frac{657}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86338	1344	1343	$\frac{29}{1343}$	$\frac{125}{1343}$	$\frac{343}{1343}$	$\frac{657}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86339	1344	945	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{23}{135}$	$\frac{22}{45}$	$\Phi_{945}^2\ \Phi_{315}\ \Phi_{189}^2\ \Phi_{105}\ \Phi_{63}\ \Phi_{35}\ \Phi_{21}$
86340	1344	2019	$\frac{15}{673}$	$\frac{43}{673}$	$\frac{1}{3}$	$\frac{329}{673}$	Φ_{2019}
86341	1344	1271	$\frac{1}{41}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{20}{41}$	$\Phi_{1271}\ \Phi_{41}^2\ \Phi_{31}^2\ \Phi_1^4$
86342	1344	2091	$\frac{1}{41}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{2091}\ \Phi_{51}^2$
86343	1344	1271	$\frac{1}{41}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{20}{41}$	$\Phi_{1271}\ \Phi_{41}^2\ \Phi_{31}^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
86344	1344	1845	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{20}{41}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{45}^2\ \Phi_{15}^2$
86345	1344	1343	$\frac{33}{1343}$	$\frac{43}{1343}$	$\frac{650}{1343}$	$\frac{655}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^2$
86346	1344	1343	$\frac{33}{1343}$	$\frac{86}{1343}$	$\frac{419}{1343}$	$\frac{655}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^2$
86347	1344	1544	$\frac{5}{193}$	$\frac{1}{8}$	$\frac{33}{193}$	$\frac{94}{193}$	$\Phi_{1544}\ \Phi_{772}\ \Phi_{386}$
86348	1344	1469	$\frac{3}{113}$	$\frac{1}{13}$	$\frac{29}{113}$	$\frac{55}{113}$	Φ_{1469}
86349	1344	187	$\frac{5}{187}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{91}{187}$	$\Phi_{187}^7\ \Phi_{17}^9\ \Phi_{11}^7\ \Phi_{1}^{10}$
86350	1344	1343	$\frac{37}{1343}$	$\frac{115}{1343}$	$\frac{307}{1343}$	$\frac{653}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^2$
86351	1344	1343	$\frac{37}{1343}$	$\frac{159}{1343}$	$\frac{230}{1343}$	$\frac{653}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^2$
86352	1344	1796	$\frac{13}{449}$	$\frac{33}{449}$	$\frac{1}{4}$	$\frac{218}{449}$	$\Phi_{1796}\ \Phi_{898}$
86353	1344	1521	$\frac{5}{169}$	$\frac{1}{9}$	$\frac{29}{169}$	$\frac{82}{169}$	$\Phi_{1521}\ \Phi_{507}\ \Phi_{117}\ \Phi_{39}$
86354	1344	1343	$\frac{41}{1343}$	$\frac{173}{1343}$	$\frac{195}{1343}$	$\frac{651}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^2$
86355	1344	1455	$\frac{3}{97}$	$\frac{1}{15}$	$\frac{25}{97}$	$\frac{47}{97}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}$
86356	1344	1575	$\frac{7}{225}$	$\frac{29}{225}$	$\frac{1}{7}$	$\frac{109}{225}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{175}\ \Phi_{105}\ \Phi_{63}\ \Phi_{35}\ \Phi_{21}$
86357	1344	1343	$\frac{43}{1343}$	$\frac{99}{1343}$	$\frac{311}{1343}$	$\frac{650}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^2$
86358	1344	1343	$\frac{43}{1343}$	$\frac{139}{1343}$	$\frac{231}{1343}$	$\frac{650}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^2$
86359	1344	2046	$\frac{1}{31}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{2046}\ \Phi_{1023}\ \Phi_{186}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{6}^2$
86360	1344	1271	$\frac{1}{31}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{15}{31}$	$\Phi_{1271}\ \Phi_{41}^2\ \Phi_{31}^2\ \Phi_{1}^4$
86361	1344	1860	$\frac{1}{31}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{372}\ \Phi_{310}\ \Phi_{186}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{6}^2$
86362	1344	1271	$\frac{1}{31}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{15}{31}$	$\Phi_{1271}\ \Phi_{41}^2\ \Phi_{31}^2\ \Phi_{1}^4$
86363	1344	1736	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{15}{31}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{434}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2$
86364	1344	1685	$\frac{11}{337}$	$\frac{29}{337}$	$\frac{1}{5}$	$\frac{163}{337}$	Φ_{1685}
86365	1344	1796	$\frac{15}{449}$	$\frac{29}{449}$	$\frac{1}{4}$	$\frac{217}{449}$	$\Phi_{1796}\ \Phi_{898}$
86366	1344	1343	$\frac{45}{1343}$	$\frac{83}{1343}$	$\frac{347}{1343}$	$\frac{649}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^2$
86367	1344	2019	$\frac{23}{673}$	$\frac{29}{673}$	$\frac{1}{3}$	$\frac{325}{673}$	Φ_{2019}
86368	1344	85	$\frac{3}{85}$	$\frac{1}{17}$	$\frac{22}{85}$	$\frac{41}{85}$	$\Phi_{85}^{16}\ \Phi_{17}^{15}\ \Phi_{5}^{16}\ \Phi_{1}^{16}$
86369	1344	1544	$\frac{7}{193}$	$\frac{1}{8}$	$\frac{25}{193}$	$\frac{93}{193}$	$\Phi_{1544}\ \Phi_{772}\ \Phi_{386}$
86370	1344	1343	$\frac{49}{1343}$	$\frac{87}{1343}$	$\frac{314}{1343}$	$\frac{647}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^2$
86371	1344	1343	$\frac{49}{1343}$	$\frac{167}{1343}$	$\frac{174}{1343}$	$\frac{647}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^2$
86372	1344	675	$\frac{1}{27}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}^2\ \Phi_{75}^3\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{15}^3\ \Phi_{5}^2$
86373	1344	1269	$\frac{1}{27}$	$\frac{2}{47}$	$\frac{15}{47}$	$\frac{13}{27}$	$\Phi_{1269}\ \Phi_{423}\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{27}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
86374	1344	1836	$\frac{1}{27}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{34}^2$
86375	1344	1269	$\frac{1}{27}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{13}{27}$	$\Phi_{1269}\ \Phi_{423}\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{27}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
86376	1344	1755	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{13}{27}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{195}\ \Phi_{65}^2$
86377	1344	1269	$\frac{1}{27}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{13}{27}$	$\Phi_{1269}\ \Phi_{423}\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{27}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
86378	1344	189	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{13}{27}$	$\Phi_{189}^8\ \Phi_{63}^9\ \Phi_{21}^9\ \Phi_{7}^8$
86379	1344	1685	$\frac{13}{337}$	$\frac{25}{337}$	$\frac{1}{5}$	$\frac{162}{337}$	Φ_{1685}
86380	1344	1343	$\frac{53}{1343}$	$\frac{71}{1343}$	$\frac{349}{1343}$	$\frac{645}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^2$
86381	1344	875	$\frac{1}{25}$	$\frac{13}{125}$	$\frac{1}{7}$	$\frac{12}{25}$	$\Phi_{875}^2\ \Phi_{175}\ \Phi_{35}$
86382	1344	2019	$\frac{25}{673}$	$\frac{27}{673}$	$\frac{1}{3}$	$\frac{323}{673}$	Φ_{2019}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
86383	1344	323	$\frac{13}{323}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{155}{323}$	$\Phi_{323}^{4}\ \Phi_{19}^{4}\ \Phi_{17}^{7}\ \Phi_{1}^{8}$
86384	1344	1521	$\frac{7}{169}$	$\frac{1}{9}$	$\frac{22}{169}$	$\frac{81}{169}$	$\Phi_{1521}\ \Phi_{507}\ \Phi_{117}\ \Phi_{39}$
86385	1344	1343	$\frac{50}{1343}$	$\frac{57}{1343}$	$\frac{431}{1343}$	$\frac{643}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86386	1344	1343	$\frac{57}{1343}$	$\frac{146}{1343}$	$\frac{175}{1343}$	$\frac{643}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86387	1344	2001	$\frac{1}{29}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{2001}\ \Phi_{87}^{2}$
86388	1344	1265	$\frac{1}{23}$	$\frac{3}{55}$	$\frac{13}{55}$	$\frac{11}{23}$	$\Phi_{1265}\ \Phi_{253}\ \Phi_{115}\ \Phi_{55}^{2}\ \Phi_{23}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
86389	1344	345	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{345}^{4}\ \Phi_{115}^{3}\ \Phi_{69}^{4}\ \Phi_{23}^{4}\ \Phi_{15}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
86390	1344	759	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{11}{23}$	$\Phi_{759}^{2}\ \Phi_{253}\ \Phi_{69}^{2}\ \Phi_{33}^{4}\ \Phi_{23}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
86391	1344	1265	$\frac{1}{23}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{11}{23}$	$\Phi_{1265}\ \Phi_{253}\ \Phi_{115}\ \Phi_{55}^{2}\ \Phi_{23}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
86392	1344	1656	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{11}{23}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{138}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
86393	1344	1685	$\frac{15}{337}$	$\frac{22}{337}$	$\frac{1}{5}$	$\frac{161}{337}$	Φ_{1685}
86394	1344	1343	$\frac{61}{1343}$	$\frac{62}{1343}$	$\frac{351}{1343}$	$\frac{641}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86395	1344	2019	$\frac{22}{673}$	$\frac{31}{673}$	$\frac{1}{3}$	$\frac{321}{673}$	Φ_{2019}
86396	1344	1430	$\frac{1}{22}$	$\frac{3}{65}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{1430}\ \Phi_{715}\ \Phi_{286}\ \Phi_{143}\ \Phi_{130}\ \Phi_{110}\ \Phi_{55}\ \Phi_{26}\ \Phi_{10}$
86397	1344	1343	$\frac{44}{1343}$	$\frac{65}{1343}$	$\frac{433}{1343}$	$\frac{639}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86398	1344	1320	$\frac{1}{33}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{1320}^{2}\ \Phi_{440}^{2}\ \Phi_{264}^{2}\ \Phi_{120}\ \Phi_{88}^{2}\ \Phi_{40}^{2}\ \Phi_{33}^{2}\ \Phi_{24}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
86399	1344	840	$\frac{1}{21}$	$\frac{1}{20}$	$\frac{5}{21}$	$\frac{19}{40}$	$\Phi_{840}^{3}\ \Phi_{280}^{3}\ \Phi_{168}^{3}\ \Phi_{120}^{3}\ \Phi_{56}^{3}\ \Phi_{40}^{4}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{8}^{4}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
86400	1344	680	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{680}^{4}\ \Phi_{136}^{4}\ \Phi_{85}$
86401	1344	280	$\frac{1}{20}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{19}{40}$	$\Phi_{280}^{9}\ \Phi_{56}^{9}\ \Phi_{40}^{10}\ \Phi_{35}^{2}\ \Phi_{8}^{10}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
86402	1344	360	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{19}{40}$	$\Phi_{360}^{7}\ \Phi_{120}^{7}\ \Phi_{72}^{7}\ \Phi_{40}^{8}\ \Phi_{24}^{7}\ \Phi_{9}^{7}\ \Phi_{8}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
86403	1344	1455	$\frac{5}{97}$	$\frac{1}{15}$	$\frac{17}{97}$	$\frac{46}{97}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}$
86404	1344	475	$\frac{1}{25}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{475}^{3}\ \Phi_{95}^{3}\ \Phi_{25}^{2}\ \Phi_{5}^{2}$
86405	1344	1343	$\frac{71}{1343}$	$\frac{101}{1343}$	$\frac{207}{1343}$	$\frac{636}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86406	1344	425	$\frac{23}{425}$	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{201}{425}$	$\Phi_{425}^{3}\ \Phi_{85}^{4}\ \Phi_{25}^{3}\ \Phi_{17}^{3}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
86407	1344	1343	$\frac{59}{1343}$	$\frac{73}{1343}$	$\frac{321}{1343}$	$\frac{635}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86408	1344	1343	$\frac{73}{1343}$	$\frac{118}{1343}$	$\frac{175}{1343}$	$\frac{635}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86409	1344	1544	$\frac{11}{193}$	$\frac{17}{193}$	$\frac{1}{8}$	$\frac{91}{193}$	$\Phi_{1544}\ \Phi_{772}\ \Phi_{386}$
86410	1344	1575	$\frac{13}{225}$	$\frac{17}{225}$	$\frac{1}{7}$	$\frac{106}{225}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{175}\ \Phi_{105}\ \Phi_{63}\ \Phi_{35}\ \Phi_{21}$
86411	1344	221	$\frac{9}{221}$	$\frac{1}{17}$	$\frac{53}{221}$	$\frac{8}{17}$	$\Phi_{221}^{6}\ \Phi_{17}^{7}\ \Phi_{13}^{6}\ \Phi_{1}^{8}$
86412	1344	17	$\frac{1}{17}$	$\frac{1}{17}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{17}^{79}\ \Phi_{1}^{80}$
86413	1344	1796	$\frac{17}{449}$	$\frac{27}{449}$	$\frac{1}{4}$	$\frac{211}{449}$	$\Phi_{1796}\ \Phi_{898}$
86414	1344	1343	$\frac{47}{1343}$	$\frac{81}{1343}$	$\frac{356}{1343}$	$\frac{631}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86415	1344	1343	$\frac{81}{1343}$	$\frac{89}{1343}$	$\frac{209}{1343}$	$\frac{631}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86416	1344	2019	$\frac{17}{673}$	$\frac{41}{673}$	$\frac{1}{3}$	$\frac{316}{673}$	Φ_{2019}
86417	1344	1421	$\frac{1}{29}$	$\frac{3}{49}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{1421}\ \Phi_{203}$
86418	1344	1469	$\frac{7}{113}$	$\frac{1}{13}$	$\frac{15}{113}$	$\frac{53}{113}$	Φ_{1469}
86419	1344	79	$\frac{3}{79}$	$\frac{5}{79}$	$\frac{19}{79}$	$\frac{37}{79}$	$\Phi_{79}^{17}\ \Phi_{1}^{18}$
86420	1344	237	$\frac{13}{237}$	$\frac{5}{79}$	$\frac{14}{79}$	$\frac{37}{79}$	$\Phi_{237}^{6}\ \Phi_{79}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
86421	1344	79	$\frac{5}{79}$	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{37}{79}$	$\Phi_{79}^{17}\ \Phi_{1}^{18}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
86422	1344	1521	$\frac{11}{169}$	$\frac{15}{169}$	$\frac{1}{9}$	$\frac{79}{169}$	$\Phi_{1521}\ \Phi_{507}\ \Phi_{117}\ \Phi_{39}$
86423	1344	1343	$\frac{89}{1343}$	$\frac{97}{1343}$	$\frac{179}{1343}$	$\frac{627}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^2$
86424	1344	645	$\frac{1}{43}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{645}^2\ \Phi_{215}^2\ \Phi_{129}^3\ \Phi_{43}^2$
86425	1344	1245	$\frac{2}{83}$	$\frac{1}{15}$	$\frac{27}{83}$	$\frac{7}{15}$	$\Phi_{1245}\ \Phi_{415}\ \Phi_{249}\ \Phi_{83}^2\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
86426	1344	1740	$\frac{1}{29}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{348}\ \Phi_{290}\ \Phi_{174}\ \Phi_{116}^2\ \Phi_{58}^2$
86427	1344	1245	$\frac{3}{83}$	$\frac{1}{15}$	$\frac{20}{83}$	$\frac{7}{15}$	$\Phi_{1245}\ \Phi_{415}\ \Phi_{249}\ \Phi_{83}^2\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
86428	1344	330	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{110}^5\ \Phi_{66}^4\ \Phi_{55}^5\ \Phi_{33}^4\ \Phi_{30}^4\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_{10}^5\ \Phi_{6}^4\ \Phi_{2}^4$
86429	1344	1245	$\frac{5}{83}$	$\frac{1}{15}$	$\frac{13}{83}$	$\frac{7}{15}$	$\Phi_{1245}\ \Phi_{415}\ \Phi_{249}\ \Phi_{83}^2\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
86430	1344	105	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{105}^{15}\ \Phi_{35}^{15}\ \Phi_{21}^{15}\ \Phi_{7}^{14}$
86431	1344	1245	$\frac{1}{15}$	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{7}{15}$	$\Phi_{1245}\ \Phi_{415}\ \Phi_{249}\ \Phi_{83}^2\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
86432	1344	1560	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{15}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{156}\ \Phi_{130}\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{26}^2$
86433	1344	1343	$\frac{69}{1343}$	$\frac{91}{1343}$	$\frac{239}{1343}$	$\frac{626}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^2$
86434	1344	1685	$\frac{15}{337}$	$\frac{23}{337}$	$\frac{1}{5}$	$\frac{157}{337}$	Φ_{1685}
86435	1344	1796	$\frac{15}{449}$	$\frac{31}{449}$	$\frac{1}{4}$	$\frac{209}{449}$	$\Phi_{1796}\ \Phi_{898}$
86436	1344	1343	$\frac{41}{1343}$	$\frac{93}{1343}$	$\frac{359}{1343}$	$\frac{625}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^2$
86437	1344	2019	$\frac{15}{673}$	$\frac{47}{673}$	$\frac{1}{3}$	$\frac{313}{673}$	Φ_{2019}
86438	1344	1455	$\frac{1}{15}$	$\frac{7}{97}$	$\frac{13}{97}$	$\frac{45}{97}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}$
86439	1344	1343	$\frac{90}{1343}$	$\frac{97}{1343}$	$\frac{179}{1343}$	$\frac{623}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^2$
86440	1344	1343	$\frac{99}{1343}$	$\frac{103}{1343}$	$\frac{155}{1343}$	$\frac{622}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^2$
86441	1344	1911	$\frac{1}{49}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1911}\ \Phi_{273}\ \Phi_{147}^2\ \Phi_{21}^2$
86442	1344	1235	$\frac{2}{95}$	$\frac{1}{13}$	$\frac{31}{95}$	$\frac{6}{13}$	$\Phi_{1235}\ \Phi_{247}\ \Phi_{95}^2\ \Phi_{65}\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_{5}^2\ \Phi_{1}^4$
86443	1344	1716	$\frac{1}{33}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{286}\ \Phi_{156}\ \Phi_{132}^2\ \Phi_{78}\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{6}^2$
86444	1344	1235	$\frac{3}{95}$	$\frac{1}{13}$	$\frac{23}{95}$	$\frac{6}{13}$	$\Phi_{1235}\ \Phi_{247}\ \Phi_{95}^2\ \Phi_{65}\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_{5}^2\ \Phi_{1}^4$
86445	1344	325	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{325}^4\ \Phi_{65}^3\ \Phi_{25}^8\ \Phi_{13}^4\ \Phi_{5}^6\ \Phi_{1}^8$
86446	1344	858	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{286}\ \Phi_{143}\ \Phi_{78}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{26}\ \Phi_{6}^2$
86447	1344	247	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{3}{19}$	$\frac{6}{13}$	$\Phi_{247}^5\ \Phi_{19}^{10}\ \Phi_{13}^6\ \Phi_{1}^{12}$
86448	1344	1547	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{1547}\ \Phi_{119}^2$
86449	1344	1235	$\frac{7}{95}$	$\frac{1}{13}$	$\frac{11}{95}$	$\frac{6}{13}$	$\Phi_{1235}\ \Phi_{247}\ \Phi_{95}^2\ \Phi_{65}\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_{5}^2\ \Phi_{1}^4$
86450	1344	117	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{6}{13}$	$\Phi_{117}^{13}\ \Phi_{39}^{13}\ \Phi_{9}^{12}\ \Phi_{3}^{12}$
86451	1344	1544	$\frac{13}{193}$	$\frac{15}{193}$	$\frac{1}{8}$	$\frac{89}{193}$	$\Phi_{1544}\ \Phi_{772}\ \Phi_{386}$
86452	1344	1343	$\frac{83}{1343}$	$\frac{105}{1343}$	$\frac{181}{1343}$	$\frac{619}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^2$
86453	1344	1685	$\frac{13}{337}$	$\frac{27}{337}$	$\frac{1}{5}$	$\frac{155}{337}$	Φ_{1685}
86454	1344	1343	$\frac{35}{1343}$	$\frac{109}{1343}$	$\frac{363}{1343}$	$\frac{617}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^2$
86455	1344	2019	$\frac{13}{673}$	$\frac{55}{673}$	$\frac{1}{3}$	$\frac{309}{673}$	Φ_{2019}
86456	1344	1343	$\frac{26}{1343}$	$\frac{113}{1343}$	$\frac{439}{1343}$	$\frac{615}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^2$
86457	1344	627	$\frac{1}{57}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{627}^2\ \Phi_{209}^2\ \Phi_{57}^4\ \Phi_{33}\ \Phi_{19}^4\ \Phi_{11}^2\ \Phi_{3}^2\ \Phi_{1}^4$
86458	1344	473	$\frac{1}{43}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{473}^3\ \Phi_{43}^2$
86459	1344	407	$\frac{1}{37}$	$\frac{1}{11}$	$\frac{9}{37}$	$\frac{5}{11}$	$\Phi_{407}^3\ \Phi_{37}^6\ \Phi_{11}^4\ \Phi_{1}^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
86460	1344	1595	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{1595}\ \Phi_{145}^2$
86461	1344	407	$\frac{2}{37}$	$\frac{1}{11}$	$\frac{5}{37}$	$\frac{5}{11}$	$\Phi_{407}^3\ \Phi_{37}^6\ \Phi_{11}^4\ \Phi_1^8$
86462	1344	1496	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{374}\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{34}^2$
86463	1344	1221	$\frac{7}{111}$	$\frac{1}{11}$	$\frac{13}{111}$	$\frac{5}{11}$	$\Phi_{1221}\ \Phi_{407}\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
86464	1344	495	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{11}$	$\Phi_{495}^3\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{55}^2\ \Phi_{45}^6\ \Phi_{33}\ \Phi_{15}^4\ \Phi_{11}^2\ \Phi_9^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
86465	1344	1343	$\frac{35}{1343}$	$\frac{127}{1343}$	$\frac{327}{1343}$	$\frac{608}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86466	1344	1343	$\frac{23}{1343}$	$\frac{129}{1343}$	$\frac{440}{1343}$	$\frac{607}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86467	1344	51	$\frac{1}{17}$	$\frac{5}{51}$	$\frac{2}{17}$	$\frac{23}{51}$	$\Phi_{51}^{24}\ \Phi_{17}^{31}\ \Phi_3^{24}\ \Phi_1^{32}$
86468	1344	1421	$\frac{1}{29}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{1421}\ \Phi_{203}$
86469	1344	1421	$\frac{1}{49}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{1421}\ \Phi_{203}$
86470	1344	1343	$\frac{53}{1343}$	$\frac{141}{1343}$	$\frac{215}{1343}$	$\frac{601}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86471	1344	1430	$\frac{1}{22}$	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{29}{65}$	$\Phi_{1430}\ \Phi_{715}\ \Phi_{286}\ \Phi_{143}\ \Phi_{130}\ \Phi_{110}\ \Phi_{55}\ \Phi_{26}\ \Phi_{10}$
86472	1344	1343	$\frac{31}{1343}$	$\frac{145}{1343}$	$\frac{328}{1343}$	$\frac{599}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86473	1344	1343	$\frac{62}{1343}$	$\frac{145}{1343}$	$\frac{183}{1343}$	$\frac{599}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86474	1344	819	$\frac{5}{117}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{819}^2\ \Phi_{273}^2\ \Phi_{91}^2\ \Phi_{63}\ \Phi_{21}$
86475	1344	1455	$\frac{1}{15}$	$\frac{9}{97}$	$\frac{11}{97}$	$\frac{43}{97}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}$
86476	1344	1469	$\frac{1}{13}$	$\frac{9}{113}$	$\frac{13}{113}$	$\frac{50}{113}$	Φ_{1469}
86477	1344	1343	$\frac{103}{1343}$	$\frac{107}{1343}$	$\frac{155}{1343}$	$\frac{594}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86478	1344	1419	$\frac{1}{33}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{1419}\ \Phi_{473}\ \Phi_{129}$
86479	1344	1343	$\frac{87}{1343}$	$\frac{125}{1343}$	$\frac{157}{1343}$	$\frac{593}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86480	1344	1544	$\frac{9}{193}$	$\frac{23}{193}$	$\frac{1}{8}$	$\frac{85}{193}$	$\Phi_{1544}\ \Phi_{772}\ \Phi_{386}$
86481	1344	1343	$\frac{47}{1343}$	$\frac{161}{1343}$	$\frac{216}{1343}$	$\frac{591}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86482	1344	1343	$\frac{55}{1343}$	$\frac{161}{1343}$	$\frac{188}{1343}$	$\frac{591}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86483	1344	1425	$\frac{1}{57}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{285}\ \Phi_{95}\ \Phi_{75}\ \Phi_{15}$
86484	1344	175	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{1}{7}$	$\frac{11}{25}$	$\Phi_{175}^9\ \Phi_{35}^9\ \Phi_7^8$
86485	1344	1343	$\frac{39}{1343}$	$\frac{163}{1343}$	$\frac{251}{1343}$	$\frac{590}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86486	1344	1685	$\frac{9}{337}$	$\frac{41}{337}$	$\frac{1}{5}$	$\frac{148}{337}$	Φ_{1685}
86487	1344	1796	$\frac{9}{449}$	$\frac{55}{449}$	$\frac{1}{4}$	$\frac{197}{449}$	$\Phi_{1796}\ \Phi_{898}$
86488	1344	1425	$\frac{1}{25}$	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{25}{57}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{285}\ \Phi_{95}\ \Phi_{75}\ \Phi_{15}$
86489	1344	1343	$\frac{23}{1343}$	$\frac{165}{1343}$	$\frac{377}{1343}$	$\frac{589}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86490	1344	2019	$\frac{9}{673}$	$\frac{83}{673}$	$\frac{1}{3}$	$\frac{295}{673}$	Φ_{2019}
86491	1344	1343	$\frac{27}{1343}$	$\frac{169}{1343}$	$\frac{329}{1343}$	$\frac{587}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86492	1344	1343	$\frac{63}{1343}$	$\frac{160}{1343}$	$\frac{169}{1343}$	$\frac{587}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86493	1344	85	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{11}{85}$	$\frac{37}{85}$	$\Phi_{85}^{16}\ \Phi_{17}^{15}\ \Phi_5^{16}\ \Phi_1^{16}$
86494	1344	1343	$\frac{95}{1343}$	$\frac{104}{1343}$	$\frac{177}{1343}$	$\frac{583}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86495	1344	1469	$\frac{8}{113}$	$\frac{1}{13}$	$\frac{15}{113}$	$\frac{49}{113}$	Φ_{1469}
86496	1344	395	$\frac{1}{79}$	$\frac{53}{395}$	$\frac{26}{79}$	$\frac{171}{395}$	$\Phi_{395}^3\ \Phi_{79}^5\ \Phi_5^3\ \Phi_1^6$
86497	1344	1343	$\frac{76}{1343}$	$\frac{127}{1343}$	$\frac{181}{1343}$	$\frac{581}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86498	1344	1521	$\frac{8}{169}$	$\frac{1}{9}$	$\frac{23}{169}$	$\frac{73}{169}$	$\Phi_{1521}\ \Phi_{507}\ \Phi_{117}\ \Phi_{39}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
86499	1344	1343	$\frac{48}{1343}$	$\frac{185}{1343}$	$\frac{191}{1343}$	$\frac{579}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86500	1344	1575	$\frac{8}{225}$	$\frac{31}{225}$	$\frac{1}{7}$	$\frac{97}{225}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{175}\ \Phi_{105}\ \Phi_{63}\ \Phi_{35}\ \Phi_{21}$
86501	1344	79	$\frac{2}{79}$	$\frac{11}{79}$	$\frac{15}{79}$	$\frac{34}{79}$	$\Phi_{79}^{17}\ \Phi_{1}^{18}$
86502	1344	1685	$\frac{8}{337}$	$\frac{47}{337}$	$\frac{1}{5}$	$\frac{145}{337}$	Φ_{1685}
86503	1344	1796	$\frac{8}{449}$	$\frac{63}{449}$	$\frac{1}{4}$	$\frac{193}{449}$	$\Phi_{1796}\ \Phi_{898}$
86504	1344	1343	$\frac{20}{1343}$	$\frac{189}{1343}$	$\frac{383}{1343}$	$\frac{577}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86505	1344	2019	$\frac{8}{673}$	$\frac{95}{673}$	$\frac{1}{3}$	$\frac{289}{673}$	Φ_{2019}
86506	1344	1785	$\frac{1}{85}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1785}\ \Phi_{357}\ \Phi_{255}^{2}\ \Phi_{105}\ \Phi_{51}^{2}\ \Phi_{15}^{2}$
86507	1344	1169	$\frac{2}{167}$	$\frac{1}{7}$	$\frac{55}{167}$	$\frac{3}{7}$	$\Phi_{1169}\ \Phi_{167}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
86508	1344	1596	$\frac{1}{57}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{266}\ \Phi_{228}^{2}\ \Phi_{114}^{2}\ \Phi_{84}\ \Phi_{76}^{2}\ \Phi_{42}\ \Phi_{38}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
86509	1344	1169	$\frac{3}{167}$	$\frac{1}{7}$	$\frac{41}{167}$	$\frac{3}{7}$	$\Phi_{1169}\ \Phi_{167}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
86510	1344	1505	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1505}\ \Phi_{215}^{2}$
86511	1344	1169	$\frac{5}{167}$	$\frac{1}{7}$	$\frac{27}{167}$	$\frac{3}{7}$	$\Phi_{1169}\ \Phi_{167}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
86512	1344	203	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{203}^{7}\ \Phi_{29}^{6}$
86513	1344	1169	$\frac{6}{167}$	$\frac{23}{167}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1169}\ \Phi_{167}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
86514	1344	1400	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{200}^{2}\ \Phi_{140}\ \Phi_{100}^{2}\ \Phi_{70}\ \Phi_{50}^{2}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
86515	1344	1169	$\frac{7}{167}$	$\frac{20}{167}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1169}\ \Phi_{167}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
86516	1344	1386	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{198}^{2}\ \Phi_{126}\ \Phi_{99}^{2}\ \Phi_{66}^{2}\ \Phi_{42}\ \Phi_{33}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}$
86517	1344	1169	$\frac{11}{167}$	$\frac{13}{167}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1169}\ \Phi_{167}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
86518	1344	1365	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}^{2}\ \Phi_{65}^{2}\ \Phi_{39}^{2}$
86519	1344	1343	$\frac{48}{1343}$	$\frac{185}{1343}$	$\frac{193}{1343}$	$\frac{575}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86520	1344	1343	$\frac{55}{1343}$	$\frac{161}{1343}$	$\frac{197}{1343}$	$\frac{573}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86521	1344	85	$\frac{1}{17}$	$\frac{7}{85}$	$\frac{13}{85}$	$\frac{36}{85}$	$\Phi_{85}^{16}\ \Phi_{17}^{15}\ \Phi_{5}^{16}\ \Phi_{1}^{16}$
86522	1344	1455	$\frac{1}{15}$	$\frac{7}{97}$	$\frac{15}{97}$	$\frac{41}{97}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}$
86523	1344	1343	$\frac{89}{1343}$	$\frac{97}{1343}$	$\frac{209}{1343}$	$\frac{567}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86524	1344	1343	$\frac{77}{1343}$	$\frac{111}{1343}$	$\frac{211}{1343}$	$\frac{566}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86525	1344	1521	$\frac{7}{169}$	$\frac{1}{9}$	$\frac{27}{169}$	$\frac{71}{169}$	$\Phi_{1521}\ \Phi_{507}\ \Phi_{117}\ \Phi_{39}$
86526	1344	1544	$\frac{7}{193}$	$\frac{1}{8}$	$\frac{31}{193}$	$\frac{81}{193}$	$\Phi_{1544}\ \Phi_{772}\ \Phi_{386}$
86527	1344	1343	$\frac{41}{1343}$	$\frac{195}{1343}$	$\frac{217}{1343}$	$\frac{563}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86528	1344	1685	$\frac{7}{337}$	$\frac{55}{337}$	$\frac{1}{5}$	$\frac{141}{337}$	Φ_{1685}
86529	1344	79	$\frac{1}{79}$	$\frac{13}{79}$	$\frac{23}{79}$	$\frac{33}{79}$	$\Phi_{79}^{17}\ \Phi_{1}^{18}$
86530	1344	2019	$\frac{7}{673}$	$\frac{111}{673}$	$\frac{1}{3}$	$\frac{281}{673}$	Φ_{2019}
86531	1344	1164	$\frac{1}{97}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{1164}^{2}\ \Phi_{388}^{2}\ \Phi_{291}$
86532	1344	2292	$\frac{2}{191}$	$\frac{1}{6}$	$\frac{63}{191}$	$\frac{5}{12}$	$\Phi_{2292}\ \Phi_{764}\ \Phi_{191}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
86533	1344	780	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{780}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}^{2}\ \Phi_{156}\ \Phi_{130}^{3}\ \Phi_{78}^{2}\ \Phi_{65}^{2}\ \Phi_{60}\ \Phi_{52}^{2}\ \Phi_{39}^{2}\ \Phi_{30}^{2}\ \Phi_{26}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{13}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
86534	1344	2292	$\frac{3}{191}$	$\frac{1}{6}$	$\frac{47}{191}$	$\frac{5}{12}$	$\Phi_{2292}\ \Phi_{764}\ \Phi_{191}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
86535	1344	2940	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{420}\ \Phi_{245}\ \Phi_{140}\ \Phi_{35}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
86536	1344	2292	$\frac{5}{191}$	$\frac{31}{191}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2292}\ \Phi_{764}\ \Phi_{191}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
86537	1344	924	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{924}^3\ \Phi_{308}^3\ \Phi_{231}\ \Phi_{84}^2\ \Phi_{77}\ \Phi_{28}^2\ \Phi_{21}$
86538	1344	2292	$\frac{7}{191}$	$\frac{23}{191}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2292}\ \Phi_{764}\ \Phi_{191}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
86539	1344	900	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{900}^3\ \Phi_{300}^2\ \Phi_{225}\ \Phi_{180}^3\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{20}^2\ \Phi_{15}$
86540	1344	2292	$\frac{11}{191}$	$\frac{15}{191}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2292}\ \Phi_{764}\ \Phi_{191}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
86541	1344	2652	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{221}$
86542	1344	1343	$\frac{14}{1343}$	$\frac{225}{1343}$	$\frac{443}{1343}$	$\frac{559}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86543	1344	85	$\frac{1}{85}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{85}^{16}\ \Phi_{17}^{15}\ \Phi_5^{16}\ \Phi_1^{16}$
86544	1344	1343	$\frac{19}{1343}$	$\frac{253}{1343}$	$\frac{331}{1343}$	$\frac{545}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86545	1344	1695	$\frac{1}{113}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1695}\ \Phi_{339}^2$
86546	1344	970	$\frac{1}{97}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{970}^2\ \Phi_{485}\ \Phi_{194}^2$
86547	1344	1115	$\frac{3}{223}$	$\frac{1}{5}$	$\frac{55}{223}$	$\frac{2}{5}$	$\Phi_{1115}\ \Phi_{223}^2\ \Phi_5^2\ \Phi_1^4$
86548	1344	285	$\frac{1}{57}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{285}^5\ \Phi_{95}^5\ \Phi_{57}^4\ \Phi_{19}^4\ \Phi_{15}^5\ \Phi_3^4$
86549	1344	805	$\frac{3}{115}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{805}^2\ \Phi_{161}^2\ \Phi_{35}$
86550	1344	1115	$\frac{6}{223}$	$\frac{31}{223}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1115}\ \Phi_{223}^2\ \Phi_5^2\ \Phi_1^4$
86551	1344	1320	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}^2\ \Phi_{220}\ \Phi_{132}^2\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{44}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_6^2$
86552	1344	1115	$\frac{7}{223}$	$\frac{27}{223}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1115}\ \Phi_{223}^2\ \Phi_5^2\ \Phi_1^4$
86553	1344	1305	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}^2\ \Phi_{87}^2$
86554	1344	770	$\frac{1}{22}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{110}\ \Phi_{77}^2\ \Phi_{70}^2\ \Phi_{55}\ \Phi_{14}^2\ \Phi_{10}$
86555	1344	1115	$\frac{13}{223}$	$\frac{15}{223}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1115}\ \Phi_{223}^2\ \Phi_5^2\ \Phi_1^4$
86556	1344	255	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{255}^6\ \Phi_{85}^5\ \Phi_{51}^6\ \Phi_{17}^4$
86557	1344	1343	$\frac{29}{1343}$	$\frac{219}{1343}$	$\frac{281}{1343}$	$\frac{531}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86558	1344	1419	$\frac{1}{43}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{1419}\ \Phi_{473}\ \Phi_{129}$
86559	1344	79	$\frac{2}{79}$	$\frac{11}{79}$	$\frac{17}{79}$	$\frac{31}{79}$	$\Phi_{79}^{17}\ \Phi_1^{18}$
86560	1344	1343	$\frac{39}{1343}$	$\frac{163}{1343}$	$\frac{295}{1343}$	$\frac{524}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86561	1344	1421	$\frac{1}{29}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{1421}\ \Phi_{203}$
86562	1344	1425	$\frac{1}{25}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{285}\ \Phi_{95}\ \Phi_{75}\ \Phi_{15}$
86563	1344	1343	$\frac{59}{1343}$	$\frac{107}{1343}$	$\frac{309}{1343}$	$\frac{517}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86564	1344	1469	$\frac{1}{113}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{1469}
86565	1344	286	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{286}^5\ \Phi_{143}^5\ \Phi_{26}^5\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_2^4$
86566	1344	1343	$\frac{69}{1343}$	$\frac{91}{1343}$	$\frac{313}{1343}$	$\frac{515}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86567	1344	34	$\frac{1}{17}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{34}^{64}\ \Phi_{17}^{15}\ \Phi_2^{64}\ \Phi_1^{16}$
86568	1344	1455	$\frac{5}{97}$	$\frac{1}{15}$	$\frac{23}{97}$	$\frac{37}{97}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}$
86569	1344	1469	$\frac{5}{113}$	$\frac{1}{13}$	$\frac{27}{113}$	$\frac{43}{113}$	Φ_{1469}
86570	1344	1343	$\frac{59}{1343}$	$\frac{104}{1343}$	$\frac{321}{1343}$	$\frac{511}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86571	1344	79	$\frac{3}{79}$	$\frac{7}{79}$	$\frac{19}{79}$	$\frac{30}{79}$	$\Phi_{79}^{17}\ \Phi_1^{18}$
86572	1344	1343	$\frac{43}{1343}$	$\frac{139}{1343}$	$\frac{325}{1343}$	$\frac{509}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86573	1344	1521	$\frac{5}{169}$	$\frac{1}{9}$	$\frac{41}{169}$	$\frac{64}{169}$	$\Phi_{1521}\ \Phi_{507}\ \Phi_{117}\ \Phi_{39}$
86574	1344	1544	$\frac{5}{193}$	$\frac{1}{8}$	$\frac{47}{193}$	$\frac{73}{193}$	$\Phi_{1544}\ \Phi_{772}\ \Phi_{386}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
86575	1344	315	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{11}{45}$	$\frac{17}{45}$	$\Phi_{315}^5\ \Phi_{105}^5\ \Phi_{63}^5\ \Phi_{35}^5\ \Phi_{21}^5\ \Phi_7^4$
86576	1344	1343	$\frac{27}{1343}$	$\frac{209}{1343}$	$\frac{329}{1343}$	$\frac{507}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86577	1344	1685	$\frac{5}{337}$	$\frac{1}{5}$	$\frac{83}{337}$	$\frac{127}{337}$	Φ_{1685}
86578	1344	1343	$\frac{19}{1343}$	$\frac{279}{1343}$	$\frac{331}{1343}$	$\frac{506}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86579	1344	1796	$\frac{5}{449}$	$\frac{111}{449}$	$\frac{1}{4}$	$\frac{169}{449}$	$\Phi_{1796}\ \Phi_{898}$
86580	1344	1343	$\frac{11}{1343}$	$\frac{333}{1343}$	$\frac{419}{1343}$	$\frac{505}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86581	1344	2019	$\frac{5}{673}$	$\frac{167}{673}$	$\frac{1}{3}$	$\frac{253}{673}$	Φ_{2019}
86582	1344	1343	$\frac{15}{1343}$	$\frac{332}{1343}$	$\frac{337}{1343}$	$\frac{503}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86583	1344	1425	$\frac{1}{57}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{285}\ \Phi_{95}\ \Phi_{75}\ \Phi_{15}$
86584	1344	1343	$\frac{27}{1343}$	$\frac{188}{1343}$	$\frac{385}{1343}$	$\frac{479}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86585	1344	1343	$\frac{31}{1343}$	$\frac{164}{1343}$	$\frac{393}{1343}$	$\frac{475}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86586	1344	1419	$\frac{1}{33}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{1419}\ \Phi_{473}\ \Phi_{129}$
86587	1344	1421	$\frac{1}{29}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{1421}\ \Phi_{203}$
86588	1344	1343	$\frac{55}{1343}$	$\frac{92}{1343}$	$\frac{417}{1343}$	$\frac{463}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86589	1344	1343	$\frac{63}{1343}$	$\frac{80}{1343}$	$\frac{421}{1343}$	$\frac{461}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86590	1344	237	$\frac{4}{79}$	$\frac{13}{237}$	$\frac{25}{79}$	$\frac{27}{79}$	$\Phi_{237}^6\ \Phi_{79}^5\ \Phi_3^6\ \Phi_1^6$
86591	1344	85	$\frac{4}{85}$	$\frac{1}{17}$	$\frac{27}{85}$	$\frac{29}{85}$	$\Phi_{85}^{16}\ \Phi_{17}^{15}\ \Phi_5^{16}\ \Phi_1^{16}$
86592	1344	1455	$\frac{4}{97}$	$\frac{1}{15}$	$\frac{31}{97}$	$\frac{33}{97}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}$
86593	1344	1343	$\frac{44}{1343}$	$\frac{111}{1343}$	$\frac{433}{1343}$	$\frac{455}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86594	1344	1343	$\frac{38}{1343}$	$\frac{127}{1343}$	$\frac{435}{1343}$	$\frac{454}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86595	1344	1521	$\frac{4}{169}$	$\frac{1}{9}$	$\frac{55}{169}$	$\frac{57}{169}$	$\Phi_{1521}\ \Phi_{507}\ \Phi_{117}\ \Phi_{39}$
86596	1344	1544	$\frac{4}{193}$	$\frac{1}{8}$	$\frac{63}{193}$	$\frac{65}{193}$	$\Phi_{1544}\ \Phi_{772}\ \Phi_{386}$
86597	1344	1343	$\frac{20}{1343}$	$\frac{223}{1343}$	$\frac{441}{1343}$	$\frac{451}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86598	1344	1685	$\frac{4}{337}$	$\frac{1}{5}$	$\frac{111}{337}$	$\frac{113}{337}$	Φ_{1685}
86599	1344	1343	$\frac{8}{1343}$	$\frac{445}{1343}$	$\frac{447}{1343}$	$\frac{449}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_1^2$
86600	1344	2019	$\frac{4}{673}$	$\frac{223}{673}$	$\frac{1}{3}$	$\frac{225}{673}$	Φ_{2019}
86601	1344	507	$\frac{1}{169}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{507}^3\ \Phi_{169}^2\ \Phi_{39}^3\ \Phi_{13}^2$
86602	1344	1005	$\frac{2}{335}$	$\frac{111}{335}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1005}\ \Phi_{335}^2\ \Phi_{201}\ \Phi_{67}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
86603	1344	1356	$\frac{1}{113}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1356}\ \Phi_{678}\ \Phi_{452}^2\ \Phi_{226}^2$
86604	1344	1005	$\frac{3}{335}$	$\frac{83}{335}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1005}\ \Phi_{335}^2\ \Phi_{201}\ \Phi_{67}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
86605	1344	873	$\frac{1}{97}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{873}^2\ \Phi_{291}$
86606	1344	255	$\frac{1}{85}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{255}^4\ \Phi_{85}^8\ \Phi_{51}^4\ \Phi_{17}^8\ \Phi_{15}^3\ \Phi_5^6\ \Phi_3^4\ \Phi_1^8$
86607	1344	201	$\frac{1}{67}$	$\frac{11}{67}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{201}^5\ \Phi_{67}^{10}\ \Phi_3^6\ \Phi_1^{12}$
86608	1344	399	$\frac{1}{57}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{399}^4\ \Phi_{133}^4\ \Phi_{21}^3\ \Phi_7^2$
86609	1344	1005	$\frac{6}{335}$	$\frac{47}{335}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1005}\ \Phi_{335}^2\ \Phi_{201}\ \Phi_{67}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
86610	1344	1176	$\frac{1}{49}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}^2\ \Phi_{294}\ \Phi_{196}^2\ \Phi_{168}\ \Phi_{98}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
86611	1344	1005	$\frac{7}{335}$	$\frac{41}{335}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1005}\ \Phi_{335}^2\ \Phi_{201}\ \Phi_{67}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
86612	1344	387	$\frac{1}{43}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{387}^4\ \Phi_{129}^3\ \Phi_{43}^2$
86613	1344	1005	$\frac{11}{335}$	$\frac{27}{335}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1005}\ \Phi_{335}^2\ \Phi_{201}\ \Phi_{67}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
86614	1344	1131	$\frac{1}{29}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1131}\ \Phi_{377}^2$
86615	1344	1005	$\frac{13}{335}$	$\frac{23}{335}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1005}\ \Phi_{335}^2\ \Phi_{201}\ \Phi_{67}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
86616	1344	75	$\frac{1}{25}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{75}^{19}\ \Phi_{25}^{18}\ \Phi_{15}^{15}\ \Phi_5^{14}\ \Phi_3^{16}\ \Phi_1^{16}$
86617	1344	201	$\frac{3}{67}$	$\frac{4}{67}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{201}^5\ \Phi_{67}^{10}\ \Phi_3^6\ \Phi_1^{12}$
86618	1344	1122	$\frac{1}{22}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{374}^2\ \Phi_{187}^2\ \Phi_{102}\ \Phi_{34}^2$
86619	1344	1719	$\frac{2}{191}$	$\frac{2}{9}$	$\frac{63}{191}$	$\frac{1}{3}$	$\Phi_{1719}\ \Phi_{191}\ \Phi_9^2\ \Phi_1^2$
86620	1344	2505	$\frac{2}{167}$	$\frac{1}{5}$	$\frac{55}{167}$	$\frac{1}{3}$	$\Phi_{2505}\ \Phi_{15}^2$
86621	1344	2019	$\frac{10}{673}$	$\frac{113}{673}$	$\frac{221}{673}$	$\frac{1}{3}$	Φ_{2019}
86622	1344	2331	$\frac{2}{111}$	$\frac{1}{7}$	$\frac{109}{333}$	$\frac{1}{3}$	$\Phi_{2331}\ \Phi_{63}\ \Phi_{21}$
86623	1344	2280	$\frac{2}{95}$	$\frac{1}{8}$	$\frac{31}{95}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{228}\ \Phi_{120}\ \Phi_{114}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
86624	1344	747	$\frac{2}{83}$	$\frac{1}{9}$	$\frac{27}{83}$	$\frac{1}{3}$	$\Phi_{747}^2\ \Phi_{249}\ \Phi_{83}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
86625	1344	2019	$\frac{19}{673}$	$\frac{65}{673}$	$\frac{218}{673}$	$\frac{1}{3}$	Φ_{2019}
86626	1344	2019	$\frac{22}{673}$	$\frac{57}{673}$	$\frac{217}{673}$	$\frac{1}{3}$	Φ_{2019}
86627	1344	705	$\frac{2}{47}$	$\frac{1}{15}$	$\frac{15}{47}$	$\frac{1}{3}$	$\Phi_{705}^2\ \Phi_{235}^2\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
86628	1344	2091	$\frac{2}{41}$	$\frac{1}{17}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{2091}\ \Phi_{51}^2$
86629	1344	2019	$\frac{33}{673}$	$\frac{40}{673}$	$\frac{211}{673}$	$\frac{1}{3}$	Φ_{2019}
86630	1344	2019	$\frac{29}{673}$	$\frac{46}{673}$	$\frac{209}{673}$	$\frac{1}{3}$	Φ_{2019}
86631	1344	2025	$\frac{1}{25}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{2025}\ \Phi_{405}\ \Phi_{75}\ \Phi_{15}$
86632	1344	2001	$\frac{1}{29}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{2001}\ \Phi_{87}^2$
86633	1344	330	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{55}^4\ \Phi_{33}^6\ \Phi_{30}^2\ \Phi_{22}^4\ \Phi_{15}^2\ \Phi_{11}^6\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
86634	1344	2019	$\frac{17}{673}$	$\frac{82}{673}$	$\frac{197}{673}$	$\frac{1}{3}$	Φ_{2019}
86635	1344	1935	$\frac{1}{43}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{1935}\ \Phi_{387}\ \Phi_{129}$
86636	1344	2019	$\frac{15}{673}$	$\frac{94}{673}$	$\frac{193}{673}$	$\frac{1}{3}$	Φ_{2019}
86637	1344	627	$\frac{1}{57}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{627}^2\ \Phi_{209}^2\ \Phi_{57}^4\ \Phi_{33}\ \Phi_{19}^4\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
86638	1344	2019	$\frac{9}{673}$	$\frac{166}{673}$	$\frac{169}{673}$	$\frac{1}{3}$	Φ_{2019}
86639	1344	2676	$\frac{3}{223}$	$\frac{55}{223}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2676}\ \Phi_{1338}\ \Phi_{12}^2\ \Phi_6^2$
86640	1344	2340	$\frac{1}{65}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{468}\ \Phi_{260}\ \Phi_{234}\ \Phi_{180}\ \Phi_{130}\ \Phi_{90}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
86641	1344	1140	$\frac{1}{57}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{190}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
86642	1344	2676	$\frac{6}{223}$	$\frac{31}{223}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2676}\ \Phi_{1338}\ \Phi_{12}^2\ \Phi_6^2$
86643	1344	264	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{264}^6\ \Phi_{132}^4\ \Phi_{88}^6\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{33}^6\ \Phi_{24}^3\ \Phi_{22}^4\ \Phi_{12}^2\ \Phi_{11}^6\ \Phi_8^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
86644	1344	2676	$\frac{7}{223}$	$\frac{27}{223}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2676}\ \Phi_{1338}\ \Phi_{12}^2\ \Phi_6^2$
86645	1344	1044	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}^2\ \Phi_{58}^2$
86646	1344	2676	$\frac{13}{223}$	$\frac{15}{223}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2676}\ \Phi_{1338}\ \Phi_{12}^2\ \Phi_6^2$
86647	1344	1020	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{204}\ \Phi_{170}^2\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{34}^2$
86648	1344	1719	$\frac{3}{191}$	$\frac{2}{9}$	$\frac{47}{191}$	$\frac{1}{3}$	$\Phi_{1719}\ \Phi_{191}\ \Phi_9^2\ \Phi_1^2$
86649	1344	2505	$\frac{3}{167}$	$\frac{1}{5}$	$\frac{41}{167}$	$\frac{1}{3}$	$\Phi_{2505}\ \Phi_{15}^2$
86650	1344	2019	$\frac{13}{673}$	$\frac{127}{673}$	$\frac{165}{673}$	$\frac{1}{3}$	Φ_{2019}
86651	1344	777	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{9}{37}$	$\frac{1}{3}$	$\Phi_{777}^3\ \Phi_{21}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
86652	1344	2019	$\frac{21}{673}$	$\frac{85}{673}$	$\frac{163}{673}$	$\frac{1}{3}$	Φ_{2019}
86653	1344	2280	$\frac{3}{95}$	$\frac{1}{8}$	$\frac{23}{95}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{228}\ \Phi_{120}\ \Phi_{114}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
86654	1344	747	$\frac{3}{83}$	$\frac{1}{9}$	$\frac{20}{83}$	$\frac{1}{3}$	$\Phi_{747}^2\ \Phi_{249}\ \Phi_{83}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
86655	1344	2019	$\frac{25}{673}$	$\frac{73}{673}$	$\frac{162}{673}$	$\frac{1}{3}$	Φ_{2019}
86656	1344	2019	$\frac{29}{673}$	$\frac{64}{673}$	$\frac{161}{673}$	$\frac{1}{3}$	Φ_{2019}
86657	1344	2145	$\frac{3}{55}$	$\frac{1}{13}$	$\frac{13}{55}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{195}\ \Phi_{39}^2$
86658	1344	705	$\frac{3}{47}$	$\frac{1}{15}$	$\frac{11}{47}$	$\frac{1}{3}$	$\Phi_{705}^2\ \Phi_{235}^2\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
86659	1344	2019	$\frac{43}{673}$	$\frac{45}{673}$	$\frac{157}{673}$	$\frac{1}{3}$	Φ_{2019}
86660	1344	2019	$\frac{37}{673}$	$\frac{53}{673}$	$\frac{155}{673}$	$\frac{1}{3}$	Φ_{2019}
86661	1344	2046	$\frac{1}{22}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{2046}\ \Phi_{1023}\ \Phi_{186}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_6^2$
86662	1344	2205	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2205}\ \Phi_{315}\ \Phi_{245}\ \Phi_{35}$
86663	1344	1719	$\frac{5}{191}$	$\frac{31}{191}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1719}\ \Phi_{191}\ \Phi_9^2\ \Phi_1^2$
86664	1344	693	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{693}^3\ \Phi_{231}\ \Phi_{77}\ \Phi_{63}^2\ \Phi_{21}$
86665	1344	1719	$\frac{7}{191}$	$\frac{23}{191}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1719}\ \Phi_{191}\ \Phi_9^2\ \Phi_1^2$
86666	1344	225	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{225}^6\ \Phi_{75}^7\ \Phi_{45}^6\ \Phi_{25}^6\ \Phi_{15}^7\ \Phi_5^6$
86667	1344	1719	$\frac{11}{191}$	$\frac{15}{191}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1719}\ \Phi_{191}\ \Phi_9^2\ \Phi_1^2$
86668	1344	1989	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1989}\ \Phi_{221}$
86669	1344	2019	$\frac{25}{673}$	$\frac{81}{673}$	$\frac{148}{673}$	$\frac{1}{3}$	Φ_{2019}
86670	1344	2001	$\frac{1}{29}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{2001}\ \Phi_{87}^2$
86671	1344	2019	$\frac{22}{673}$	$\frac{93}{673}$	$\frac{145}{673}$	$\frac{1}{3}$	Φ_{2019}
86672	1344	2019	$\frac{19}{673}$	$\frac{109}{673}$	$\frac{141}{673}$	$\frac{1}{3}$	Φ_{2019}
86673	1344	645	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{645}^3\ \Phi_{129}^4$
86674	1344	2505	$\frac{5}{167}$	$\frac{27}{167}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2505}\ \Phi_{15}^2$
86675	1344	825	$\frac{1}{33}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{75}\ \Phi_{33}^2\ \Phi_{25}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
86676	1344	3045	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	Φ_{3045}
86677	1344	2505	$\frac{6}{167}$	$\frac{23}{167}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2505}\ \Phi_{15}^2$
86678	1344	600	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{150}^4\ \Phi_{120}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_6^4$
86679	1344	2505	$\frac{7}{167}$	$\frac{20}{167}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2505}\ \Phi_{15}^2$
86680	1344	990	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{90}^2\ \Phi_{55}^2\ \Phi_{30}\ \Phi_{10}^2$
86681	1344	2505	$\frac{11}{167}$	$\frac{13}{167}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2505}\ \Phi_{15}^2$
86682	1344	195	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{195}^7\ \Phi_{65}^8\ \Phi_{39}^8\ \Phi_{13}^8$
86683	1344	456	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{3}{19}$	$\frac{1}{3}$	$\Phi_{456}^5\ \Phi_{228}^5\ \Phi_{114}^5\ \Phi_{24}^6\ \Phi_{12}^6\ \Phi_6^6$
86684	1344	2019	$\frac{37}{673}$	$\frac{81}{673}$	$\frac{106}{673}$	$\frac{1}{3}$	Φ_{2019}
86685	1344	747	$\frac{5}{83}$	$\frac{1}{9}$	$\frac{13}{83}$	$\frac{1}{3}$	$\Phi_{747}^2\ \Phi_{249}\ \Phi_{83}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
86686	1344	2019	$\frac{43}{673}$	$\frac{71}{673}$	$\frac{105}{673}$	$\frac{1}{3}$	Φ_{2019}
86687	1344	429	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{3}$	$\Phi_{429}^3\ \Phi_{143}^4\ \Phi_{39}^4\ \Phi_{13}^4$
86688	1344	705	$\frac{1}{15}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{3}$	$\Phi_{705}^2\ \Phi_{235}^2\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
86689	1344	2019	$\frac{41}{673}$	$\frac{79}{673}$	$\frac{99}{673}$	$\frac{1}{3}$	Φ_{2019}
86690	1344	2091	$\frac{1}{17}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{3}$	$\Phi_{2091}\ \Phi_{51}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
86691	1344	2019	$\frac{36}{673}$	$\frac{91}{673}$	$\frac{97}{673}$	$\frac{1}{3}$	Φ_{2019}
86692	1344	777	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{777}^{3}\ \Phi_{21}^{4}$
86693	1344	2856	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}$
86694	1344	777	$\frac{7}{111}$	$\frac{13}{111}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{777}^{2}\ \Phi_{259}^{2}\ \Phi_{21}^{3}\ \Phi_{7}^{2}$
86695	1344	315	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{315}^{6}\ \Phi_{105}^{4}\ \Phi_{63}^{4}\ \Phi_{35}^{4}\ \Phi_{21}^{3}\ \Phi_{7}^{2}$
86696	1344	747	$\frac{6}{83}$	$\frac{1}{9}$	$\frac{11}{83}$	$\frac{1}{3}$	$\Phi_{747}^{2}\ \Phi_{249}\ \Phi_{83}^{2}\ \Phi_{9}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
86697	1344	2019	$\frac{50}{673}$	$\frac{73}{673}$	$\frac{89}{673}$	$\frac{1}{3}$	Φ_{2019}
86698	1344	2145	$\frac{1}{13}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{195}\ \Phi_{39}^{2}$
86699	1344	2019	$\frac{49}{673}$	$\frac{78}{673}$	$\frac{85}{673}$	$\frac{1}{3}$	Φ_{2019}
86700	1344	2280	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{228}\ \Phi_{120}\ \Phi_{114}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
86701	1344	936	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{312}\ \Phi_{234}^{2}\ \Phi_{156}\ \Phi_{104}^{2}\ \Phi_{78}\ \Phi_{52}^{2}\ \Phi_{26}^{2}$
86702	1344	415	$\frac{2}{83}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{27}{83}$	$\Phi_{415}^{3}\ \Phi_{83}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
86703	1344	1343	$\frac{38}{1343}$	$\frac{227}{1343}$	$\frac{279}{1343}$	$\frac{435}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86704	1344	1685	$\frac{10}{337}$	$\frac{57}{337}$	$\frac{1}{5}$	$\frac{109}{337}$	Φ_{1685}
86705	1344	1155	$\frac{2}{55}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{53}{165}$	$\Phi_{1155}^{2}\ \Phi_{231}^{2}\ \Phi_{105}^{2}\ \Phi_{35}\ \Phi_{21}^{2}$
86706	1344	423	$\frac{2}{47}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{15}{47}$	$\Phi_{423}^{3}\ \Phi_{141}^{3}\ \Phi_{47}^{4}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
86707	1344	1880	$\frac{2}{47}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{15}{47}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{470}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
86708	1344	1343	$\frac{65}{1343}$	$\frac{131}{1343}$	$\frac{303}{1343}$	$\frac{426}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86709	1344	1271	$\frac{2}{41}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{13}{41}$	$\Phi_{1271}\ \Phi_{41}^{2}\ \Phi_{31}^{2}\ \Phi_{1}^{4}$
86710	1344	1845	$\frac{2}{41}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{13}{41}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{45}^{2}\ \Phi_{15}^{2}$
86711	1344	79	$\frac{4}{79}$	$\frac{9}{79}$	$\frac{15}{79}$	$\frac{25}{79}$	$\Phi_{79}^{17}\ \Phi_{1}^{18}$
86712	1344	1544	$\frac{10}{193}$	$\frac{1}{8}$	$\frac{33}{193}$	$\frac{61}{193}$	$\Phi_{1544}\ \Phi_{772}\ \Phi_{386}$
86713	1344	1343	$\frac{74}{1343}$	$\frac{115}{1343}$	$\frac{307}{1343}$	$\frac{423}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86714	1344	1343	$\frac{74}{1343}$	$\frac{159}{1343}$	$\frac{230}{1343}$	$\frac{423}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86715	1344	1685	$\frac{19}{337}$	$\frac{33}{337}$	$\frac{1}{5}$	$\frac{106}{337}$	Φ_{1685}
86716	1344	1521	$\frac{10}{169}$	$\frac{1}{9}$	$\frac{29}{169}$	$\frac{53}{169}$	$\Phi_{1521}\ \Phi_{507}\ \Phi_{117}\ \Phi_{39}$
86717	1344	1343	$\frac{86}{1343}$	$\frac{139}{1343}$	$\frac{231}{1343}$	$\frac{419}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86718	1344	1685	$\frac{22}{337}$	$\frac{29}{337}$	$\frac{1}{5}$	$\frac{105}{337}$	Φ_{1685}
86719	1344	567	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{25}{81}$	$\Phi_{567}^{4}\ \Phi_{63}\ \Phi_{21}$
86720	1344	585	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{9}{65}$	$\frac{4}{13}$	$\Phi_{585}^{3}\ \Phi_{195}^{3}\ \Phi_{117}\ \Phi_{45}^{3}\ \Phi_{39}\ \Phi_{15}^{3}$
86721	1344	1265	$\frac{3}{55}$	$\frac{2}{23}$	$\frac{13}{55}$	$\frac{7}{23}$	$\Phi_{1265}\ \Phi_{253}\ \Phi_{115}\ \Phi_{55}^{2}\ \Phi_{23}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
86722	1344	345	$\frac{1}{15}$	$\frac{2}{23}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{345}^{4}\ \Phi_{115}^{3}\ \Phi_{69}^{4}\ \Phi_{23}^{4}\ \Phi_{15}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
86723	1344	759	$\frac{2}{23}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{7}{23}$	$\Phi_{759}^{2}\ \Phi_{253}\ \Phi_{69}^{2}\ \Phi_{33}^{4}\ \Phi_{23}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
86724	1344	1265	$\frac{2}{23}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{7}{23}$	$\Phi_{1265}\ \Phi_{253}\ \Phi_{115}\ \Phi_{55}^{2}\ \Phi_{23}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
86725	1344	1656	$\frac{2}{23}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{23}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{138}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
86726	1344	1343	$\frac{67}{1343}$	$\frac{128}{1343}$	$\frac{319}{1343}$	$\frac{405}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86727	1344	210	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{5}{21}$	$\frac{3}{10}$	$\Phi_{210}^{6}\ \Phi_{105}^{6}\ \Phi_{70}^{6}\ \Phi_{42}^{6}\ \Phi_{35}^{6}\ \Phi_{30}^{6}\ \Phi_{21}^{9}\ \Phi_{15}^{6}\ \Phi_{14}^{6}\ \Phi_{10}^{8}\ \Phi_{7}^{9}\ \Phi_{6}^{6}\ \Phi_{5}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
86728	1344	170	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{170}^{8}\ \Phi_{85}^{9}\ \Phi_{34}^{8}\ \Phi_{17}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
86729	1344	70	$\frac{3}{35}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{10}$	$\Phi_{70}^{18}\ \Phi_{35}^{20}\ \Phi_{14}^{18}\ \Phi_{10}^{20}\ \Phi_{7}^{19}\ \Phi_{5}^{22}\ \Phi_{2}^{20}\ \Phi_{1}^{22}$
86730	1344	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{3}{10}$	$\Phi_{90}^{14}\ \Phi_{45}^{14}\ \Phi_{30}^{14}\ \Phi_{18}^{14}\ \Phi_{15}^{14}\ \Phi_{10}^{16}\ \Phi_{9}^{21}\ \Phi_{6}^{14}\ \Phi_{5}^{16}\ \Phi_{3}^{21}\ \Phi_{2}^{16}\ \Phi_{1}^{24}$
86731	1344	1455	$\frac{1}{15}$	$\frac{10}{97}$	$\frac{17}{97}$	$\frac{29}{97}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}$
86732	1344	1343	$\frac{59}{1343}$	$\frac{146}{1343}$	$\frac{321}{1343}$	$\frac{399}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86733	1344	1343	$\frac{118}{1343}$	$\frac{146}{1343}$	$\frac{175}{1343}$	$\frac{399}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86734	1344	1343	$\frac{135}{1343}$	$\frac{149}{1343}$	$\frac{151}{1343}$	$\frac{398}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86735	1344	1701	$\frac{19}{243}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{27}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{63}\ \Phi_{21}$
86736	1344	1521	$\frac{17}{169}$	$\frac{1}{9}$	$\frac{19}{169}$	$\frac{50}{169}$	$\Phi_{1521}\ \Phi_{507}\ \Phi_{117}\ \Phi_{39}$
86737	1344	1544	$\frac{17}{193}$	$\frac{22}{193}$	$\frac{1}{8}$	$\frac{57}{193}$	$\Phi_{1544}\ \Phi_{772}\ \Phi_{386}$
86738	1344	17	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{17}^{79}\ \Phi_{1}^{80}$
86739	1344	1685	$\frac{17}{337}$	$\frac{40}{337}$	$\frac{1}{5}$	$\frac{99}{337}$	Φ_{1685}
86740	1344	79	$\frac{3}{79}$	$\frac{10}{79}$	$\frac{19}{79}$	$\frac{23}{79}$	$\Phi_{79}^{17}\ \Phi_{1}^{18}$
86741	1344	79	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{10}{79}$	$\frac{23}{79}$	$\Phi_{79}^{17}\ \Phi_{1}^{18}$
86742	1344	1521	$\frac{15}{169}$	$\frac{1}{9}$	$\frac{22}{169}$	$\frac{49}{169}$	$\Phi_{1521}\ \Phi_{507}\ \Phi_{117}\ \Phi_{39}$
86743	1344	990	$\frac{1}{22}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{198}^{2}\ \Phi_{110}\ \Phi_{99}^{2}\ \Phi_{90}^{2}\ \Phi_{55}\ \Phi_{18}^{2}\ \Phi_{10}$
86744	1344	315	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{13}{45}$	$\Phi_{315}^{7}\ \Phi_{105}\ \Phi_{63}^{7}\ \Phi_{35}\ \Phi_{21}$
86745	1344	1343	$\frac{69}{1343}$	$\frac{182}{1343}$	$\frac{239}{1343}$	$\frac{387}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86746	1344	1685	$\frac{15}{337}$	$\frac{46}{337}$	$\frac{1}{5}$	$\frac{97}{337}$	Φ_{1685}
86747	1344	609	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{609}^{3}\ \Phi_{203}\ \Phi_{87}^{3}$
86748	1344	117	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{2}{13}$	$\frac{11}{39}$	$\Phi_{117}^{13}\ \Phi_{39}^{7}\ \Phi_{13}^{12}\ \Phi_{9}^{12}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
86749	1344	407	$\frac{1}{37}$	$\frac{2}{11}$	$\frac{9}{37}$	$\frac{3}{11}$	$\Phi_{407}^{3}\ \Phi_{37}^{6}\ \Phi_{11}^{4}\ \Phi_{1}^{8}$
86750	1344	1595	$\frac{1}{29}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{1595}\ \Phi_{145}^{2}$
86751	1344	407	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{407}^{3}\ \Phi_{37}^{6}\ \Phi_{11}^{4}\ \Phi_{1}^{8}$
86752	1344	1496	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{374}\ \Phi_{136}^{2}\ \Phi_{68}^{2}\ \Phi_{34}^{2}$
86753	1344	1221	$\frac{7}{111}$	$\frac{13}{111}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1221}\ \Phi_{407}\ \Phi_{111}^{2}\ \Phi_{37}^{2}\ \Phi_{33}\ \Phi_{11}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
86754	1344	495	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{495}^{3}\ \Phi_{165}^{2}\ \Phi_{99}^{2}\ \Phi_{55}^{2}\ \Phi_{45}^{6}\ \Phi_{33}\ \Phi_{15}^{4}\ \Phi_{11}^{2}\ \Phi_{9}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
86755	1344	255	$\frac{1}{17}$	$\frac{31}{255}$	$\frac{16}{85}$	$\frac{23}{85}$	$\Phi_{255}^{6}\ \Phi_{85}^{4}\ \Phi_{51}^{6}\ \Phi_{17}^{3}\ \Phi_{15}^{6}\ \Phi_{5}^{4}\ \Phi_{3}^{6}\ \Phi_{1}^{4}$
86756	1344	1343	$\frac{35}{1343}$	$\frac{254}{1343}$	$\frac{327}{1343}$	$\frac{363}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86757	1344	1650	$\frac{1}{22}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{275}\ \Phi_{150}\ \Phi_{110}\ \Phi_{55}\ \Phi_{50}\ \Phi_{10}$
86758	1344	1421	$\frac{1}{29}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{1421}\ \Phi_{203}$
86759	1344	475	$\frac{1}{25}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{475}^{3}\ \Phi_{95}^{3}\ \Phi_{25}^{2}\ \Phi_{5}^{2}$
86760	1344	1343	$\frac{62}{1343}$	$\frac{183}{1343}$	$\frac{290}{1343}$	$\frac{351}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86761	1344	1343	$\frac{71}{1343}$	$\frac{159}{1343}$	$\frac{296}{1343}$	$\frac{349}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86762	1344	85	$\frac{1}{17}$	$\frac{9}{85}$	$\frac{19}{85}$	$\frac{22}{85}$	$\Phi_{85}^{16}\ \Phi_{17}^{15}\ \Phi_{5}^{16}\ \Phi_{1}^{16}$
86763	1344	1455	$\frac{1}{15}$	$\frac{9}{97}$	$\frac{22}{97}$	$\frac{25}{97}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}$
86764	1344	1343	$\frac{87}{1343}$	$\frac{125}{1343}$	$\frac{314}{1343}$	$\frac{343}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86765	1344	1343	$\frac{75}{1343}$	$\frac{143}{1343}$	$\frac{317}{1343}$	$\frac{342}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86766	1344	1521	$\frac{9}{169}$	$\frac{1}{9}$	$\frac{40}{169}$	$\frac{43}{169}$	$\Phi_{1521}\ \Phi_{507}\ \Phi_{117}\ \Phi_{39}$
86767	1344	1544	$\frac{9}{193}$	$\frac{1}{8}$	$\frac{46}{193}$	$\frac{49}{193}$	$\Phi_{1544}\ \Phi_{772}\ \Phi_{386}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
86768	1344	525	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{6}{25}$	$\frac{19}{75}$	$\Phi_{525}^{4}\ \Phi_{175}\ \Phi_{105}^{4}\ \Phi_{35}\ \Phi_{21}^{4}$
86769	1344	395	$\frac{3}{79}$	$\frac{59}{395}$	$\frac{19}{79}$	$\frac{20}{79}$	$\Phi_{395}^{4}\ \Phi_{79}\ \Phi_{5}^{4}\ \Phi_{1}^{2}$
86770	1344	1343	$\frac{39}{1343}$	$\frac{251}{1343}$	$\frac{326}{1343}$	$\frac{339}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86771	1344	1685	$\frac{9}{337}$	$\frac{1}{5}$	$\frac{82}{337}$	$\frac{85}{337}$	Φ_{1685}
86772	1344	740	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{9}{37}$	$\frac{1}{4}$	$\Phi_{740}^{3}\ \Phi_{370}^{3}\ \Phi_{20}^{4}\ \Phi_{10}^{4}$
86773	1344	1796	$\frac{13}{449}$	$\frac{85}{449}$	$\frac{109}{449}$	$\frac{1}{4}$	$\Phi_{1796}\ \Phi_{898}$
86774	1344	168	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{5}{21}$	$\frac{1}{4}$	$\Phi_{168}^{9}\ \Phi_{84}^{6}\ \Phi_{56}^{9}\ \Phi_{42}^{6}\ \Phi_{28}^{6}\ \Phi_{24}^{9}\ \Phi_{21}^{9}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{8}^{12}\ \Phi_{7}^{9}\ \Phi_{6}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
86775	1344	1980	$\frac{3}{55}$	$\frac{1}{9}$	$\frac{13}{55}$	$\frac{1}{4}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{396}\ \Phi_{330}\ \Phi_{198}\ \Phi_{180}\ \Phi_{132}\ \Phi_{90}\ \Phi_{66}\ \Phi_{60}\ \Phi_{36}^{2}\ \Phi_{30}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
86776	1344	1796	$\frac{25}{449}$	$\frac{49}{449}$	$\frac{106}{449}$	$\frac{1}{4}$	$\Phi_{1796}\ \Phi_{898}$
86777	1344	1796	$\frac{29}{449}$	$\frac{43}{449}$	$\frac{105}{449}$	$\frac{1}{4}$	$\Phi_{1796}\ \Phi_{898}$
86778	1344	1860	$\frac{1}{15}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{4}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{372}\ \Phi_{310}\ \Phi_{186}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}$
86779	1344	612	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{612}^{3}\ \Phi_{306}^{3}\ \Phi_{204}^{3}\ \Phi_{102}^{3}\ \Phi_{68}^{4}\ \Phi_{34}^{4}$
86780	1344	1796	$\frac{25}{449}$	$\frac{53}{449}$	$\frac{99}{449}$	$\frac{1}{4}$	$\Phi_{1796}\ \Phi_{898}$
86781	1344	1796	$\frac{22}{449}$	$\frac{61}{449}$	$\frac{97}{449}$	$\frac{1}{4}$	$\Phi_{1796}\ \Phi_{898}$
86782	1344	580	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{580}^{3}\ \Phi_{290}^{3}\ \Phi_{116}^{4}\ \Phi_{58}^{4}$
86783	1344	740	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{740}^{3}\ \Phi_{370}^{3}\ \Phi_{20}^{4}\ \Phi_{10}^{4}$
86784	1344	680	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{680}^{3}\ \Phi_{340}^{2}\ \Phi_{170}^{2}\ \Phi_{85}^{3}$
86785	1344	2220	$\frac{7}{111}$	$\frac{13}{111}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{740}\ \Phi_{370}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
86786	1344	180	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{60}^{7}\ \Phi_{36}^{12}\ \Phi_{30}^{7}\ \Phi_{20}^{8}\ \Phi_{18}^{12}\ \Phi_{12}^{8}\ \Phi_{10}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}$
86787	1344	396	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{33}$	$\frac{1}{4}$	$\Phi_{396}^{5}\ \Phi_{198}^{5}\ \Phi_{132}^{3}\ \Phi_{66}^{3}\ \Phi_{44}^{4}\ \Phi_{36}^{6}\ \Phi_{22}^{4}\ \Phi_{18}^{6}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
86788	1344	280	$\frac{3}{35}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{280}^{6}\ \Phi_{140}^{4}\ \Phi_{70}^{4}\ \Phi_{56}^{3}\ \Phi_{40}^{6}\ \Phi_{35}^{6}\ \Phi_{28}^{2}\ \Phi_{20}^{4}\ \Phi_{14}^{2}\ \Phi_{10}^{4}\ \Phi_{8}^{6}\ \Phi_{7}^{3}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
86789	1344	1980	$\frac{6}{55}$	$\frac{1}{9}$	$\frac{7}{55}$	$\frac{1}{4}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{396}\ \Phi_{330}\ \Phi_{198}\ \Phi_{180}\ \Phi_{132}\ \Phi_{90}\ \Phi_{66}\ \Phi_{60}\ \Phi_{36}^{2}\ \Phi_{30}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
86790	1344	1796	$\frac{49}{449}$	$\frac{50}{449}$	$\frac{57}{449}$	$\frac{1}{4}$	$\Phi_{1796}\ \Phi_{898}$
86791	1344	72	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{72}^{21}\ \Phi_{36}^{14}\ \Phi_{24}^{21}\ \Phi_{18}^{14}\ \Phi_{12}^{14}\ \Phi_{9}^{21}\ \Phi_{8}^{24}\ \Phi_{6}^{14}\ \Phi_{4}^{16}\ \Phi_{3}^{21}\ \Phi_{2}^{16}\ \Phi_{1}^{24}$
86792	1344	415	$\frac{3}{83}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{20}{83}$	$\Phi_{415}^{3}\ \Phi_{83}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
86793	1344	79	$\frac{3}{79}$	$\frac{15}{79}$	$\frac{16}{79}$	$\frac{19}{79}$	$\Phi_{79}^{17}\ \Phi_{1}^{18}$
86794	1344	1685	$\frac{13}{337}$	$\frac{64}{337}$	$\frac{1}{5}$	$\frac{81}{337}$	Φ_{1685}
86795	1344	525	$\frac{1}{21}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{5}{21}$	$\Phi_{525}^{3}\ \Phi_{175}^{3}\ \Phi_{75}^{3}\ \Phi_{25}^{4}\ \Phi_{21}^{3}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
86796	1344	1265	$\frac{3}{55}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{13}{55}$	$\Phi_{1265}\ \Phi_{253}\ \Phi_{115}\ \Phi_{55}^{2}\ \Phi_{23}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
86797	1344	385	$\frac{3}{55}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{13}{55}$	$\Phi_{385}^{4}\ \Phi_{77}^{4}\ \Phi_{35}^{5}\ \Phi_{7}^{4}$
86798	1344	1343	$\frac{75}{1343}$	$\frac{171}{1343}$	$\frac{293}{1343}$	$\frac{317}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86799	1344	1575	$\frac{13}{225}$	$\frac{1}{7}$	$\frac{43}{225}$	$\frac{53}{225}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{175}\ \Phi_{105}\ \Phi_{63}\ \Phi_{35}\ \Phi_{21}$
86800	1344	1343	$\frac{83}{1343}$	$\frac{181}{1343}$	$\frac{257}{1343}$	$\frac{315}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86801	1344	1685	$\frac{21}{337}$	$\frac{43}{337}$	$\frac{1}{5}$	$\frac{79}{337}$	Φ_{1685}
86802	1344	423	$\frac{3}{47}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{11}{47}$	$\Phi_{423}^{3}\ \Phi_{141}^{3}\ \Phi_{47}^{4}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
86803	1344	1880	$\frac{3}{47}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{11}{47}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{470}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
86804	1344	1343	$\frac{87}{1343}$	$\frac{147}{1343}$	$\frac{299}{1343}$	$\frac{314}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
86805	1344	1544	$\frac{13}{193}$	$\frac{1}{8}$	$\frac{37}{193}$	$\frac{45}{193}$	$\Phi_{1544}\ \Phi_{772}\ \Phi_{386}$
86806	1344	1343	$\frac{99}{1343}$	$\frac{155}{1343}$	$\frac{258}{1343}$	$\frac{311}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86807	1344	1685	$\frac{25}{337}$	$\frac{37}{337}$	$\frac{1}{5}$	$\frac{78}{337}$	Φ_{1685}
86808	1344	234	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{5}{26}$	$\frac{3}{13}$	$\Phi_{234}^{8}\ \Phi_{117}^{5}\ \Phi_{78}^{8}\ \Phi_{39}^{5}\ \Phi_{18}^{8}\ \Phi_{9}^{4}\ \Phi_{6}^{8}\ \Phi_{3}^{4}$
86809	1344	187	$\frac{15}{187}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{43}{187}$	$\Phi_{187}^{7}\ \Phi_{17}^{9}\ \Phi_{11}^{7}\ \Phi_{1}^{10}$
86810	1344	1271	$\frac{3}{31}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{7}{31}$	$\Phi_{1271}\ \Phi_{41}^{2}\ \Phi_{31}^{2}\ \Phi_{1}^{4}$
86811	1344	1736	$\frac{3}{31}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{31}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{434}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
86812	1344	1343	$\frac{143}{1343}$	$\frac{149}{1343}$	$\frac{199}{1343}$	$\frac{300}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86813	1344	1544	$\frac{21}{193}$	$\frac{1}{8}$	$\frac{25}{193}$	$\frac{43}{193}$	$\Phi_{1544}\ \Phi_{772}\ \Phi_{386}$
86814	1344	1343	$\frac{147}{1343}$	$\frac{167}{1343}$	$\frac{174}{1343}$	$\frac{299}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86815	1344	585	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{585}^{3}\ \Phi_{195}^{3}\ \Phi_{65}^{4}$
86816	1344	423	$\frac{5}{47}$	$\frac{1}{9}$	$\frac{7}{47}$	$\frac{2}{9}$	$\Phi_{423}^{3}\ \Phi_{141}^{3}\ \Phi_{47}^{4}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
86817	1344	63	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{9}$	$\Phi_{63}^{25}\ \Phi_{21}^{25}\ \Phi_{7}^{24}$
86818	1344	1469	$\frac{1}{13}$	$\frac{13}{113}$	$\frac{22}{113}$	$\frac{25}{113}$	Φ_{1469}
86819	1344	1343	$\frac{131}{1343}$	$\frac{163}{1343}$	$\frac{202}{1343}$	$\frac{295}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86820	1344	1521	$\frac{1}{9}$	$\frac{21}{169}$	$\frac{22}{169}$	$\frac{37}{169}$	$\Phi_{1521}\ \Phi_{507}\ \Phi_{117}\ \Phi_{39}$
86821	1344	1343	$\frac{146}{1343}$	$\frac{171}{1343}$	$\frac{175}{1343}$	$\frac{293}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86822	1344	1575	$\frac{22}{225}$	$\frac{29}{225}$	$\frac{1}{7}$	$\frac{49}{225}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{175}\ \Phi_{105}\ \Phi_{63}\ \Phi_{35}\ \Phi_{21}$
86823	1344	345	$\frac{1}{15}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{5}{23}$	$\Phi_{345}^{4}\ \Phi_{115}^{3}\ \Phi_{69}^{4}\ \Phi_{23}^{4}\ \Phi_{15}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
86824	1344	759	$\frac{1}{11}$	$\frac{3}{23}$	$\frac{5}{33}$	$\frac{5}{23}$	$\Phi_{759}^{2}\ \Phi_{253}\ \Phi_{69}^{2}\ \Phi_{33}^{4}\ \Phi_{23}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
86825	1344	1265	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{3}{23}$	$\frac{5}{23}$	$\Phi_{1265}\ \Phi_{253}\ \Phi_{115}\ \Phi_{55}^{2}\ \Phi_{23}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
86826	1344	1656	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{3}{23}$	$\frac{5}{23}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{138}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
86827	1344	1343	$\frac{90}{1343}$	$\frac{179}{1343}$	$\frac{263}{1343}$	$\frac{291}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86828	1344	1685	$\frac{22}{337}$	$\frac{45}{337}$	$\frac{1}{5}$	$\frac{73}{337}$	Φ_{1685}
86829	1344	1455	$\frac{1}{15}$	$\frac{13}{97}$	$\frac{19}{97}$	$\frac{21}{97}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}$
86830	1344	1343	$\frac{132}{1343}$	$\frac{173}{1343}$	$\frac{195}{1343}$	$\frac{287}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86831	1344	1521	$\frac{1}{9}$	$\frac{19}{169}$	$\frac{25}{169}$	$\frac{36}{169}$	$\Phi_{1521}\ \Phi_{507}\ \Phi_{117}\ \Phi_{39}$
86832	1344	1343	$\frac{149}{1343}$	$\frac{151}{1343}$	$\frac{199}{1343}$	$\frac{286}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86833	1344	1544	$\frac{19}{193}$	$\frac{1}{8}$	$\frac{29}{193}$	$\frac{41}{193}$	$\Phi_{1544}\ \Phi_{772}\ \Phi_{386}$
86834	1344	1343	$\frac{77}{1343}$	$\frac{211}{1343}$	$\frac{265}{1343}$	$\frac{283}{1343}$	$\Phi_{1343}\ \Phi_{79}\ \Phi_{17}\ \Phi_{1}^{2}$
86835	1344	1685	$\frac{19}{337}$	$\frac{53}{337}$	$\frac{1}{5}$	$\frac{71}{337}$	Φ_{1685}
86836	1344	425	$\frac{1}{17}$	$\frac{69}{425}$	$\frac{16}{85}$	$\frac{89}{425}$	$\Phi_{425}^{3}\ \Phi_{85}^{4}\ \Phi_{25}^{3}\ \Phi_{17}^{3}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
86837	1344	110	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{110}^{13}\ \Phi_{55}^{13}\ \Phi_{22}^{12}\ \Phi_{11}^{12}\ \Phi_{10}^{13}\ \Phi_{2}^{12}$
86838	1344	425	$\frac{1}{17}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{425}^{4}\ \Phi_{85}$
86839	1344	415	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{415}^{3}\ \Phi_{83}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
86840	1344	105	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{105}^{16}\ \Phi_{35}^{13}\ \Phi_{21}^{16}\ \Phi_{7}^{12}$
86841	1344	415	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{415}^{3}\ \Phi_{83}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
86842	1344	520	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{520}^{3}\ \Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{104}^{4}\ \Phi_{52}^{4}\ \Phi_{26}^{4}$
86843	1344	1925	$\frac{4}{55}$	$\frac{1}{7}$	$\frac{51}{275}$	$\frac{1}{5}$	$\Phi_{1925}\ \Phi_{175}\ \Phi_{35}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
86844	1344	175	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{175}^{9}\ \Phi_{35}^{2}\ \Phi_{25}^{10}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
86845	1344	225	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{225}^{7}\ \Phi_{75}^{7}\ \Phi_{25}^{8}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
86846	1344	1155	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{33}$	$\frac{1}{5}$	$\Phi_{1155}^{2}\ \Phi_{385}\ \Phi_{105}^{2}\ \Phi_{35}^{2}$
86847	1344	1880	$\frac{5}{47}$	$\frac{1}{8}$	$\frac{7}{47}$	$\frac{1}{5}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{470}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
86848	1344	1685	$\frac{37}{337}$	$\frac{41}{337}$	$\frac{50}{337}$	$\frac{1}{5}$	Φ_{1685}
86849	1344	1845	$\frac{1}{9}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{5}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{45}^{2}\ \Phi_{15}^{2}$
86850	1344	1685	$\frac{36}{337}$	$\frac{43}{337}$	$\frac{49}{337}$	$\frac{1}{5}$	Φ_{1685}
86851	1344	385	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{385}^{4}\ \Phi_{77}^{4}\ \Phi_{35}^{5}\ \Phi_{7}^{4}$
86852	1344	2520	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{210}$
86853	1344	945	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{27}$	$\frac{23}{135}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{105}^{2}\ \Phi_{63}\ \Phi_{35}^{2}\ \Phi_{21}$
86854	1345	536	$\frac{1}{268}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{267}{536}$	$\Phi_{536}\ \Phi_{268}^{4}\ \Phi_{134}^{4}\ \Phi_{67}^{4}\ \Phi_{8}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
86855	1345	2304	$\frac{1}{192}$	$\frac{193}{1152}$	$\frac{959}{2304}$	$\frac{191}{384}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{1}$
86856	1345	534	$\frac{2}{267}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{265}{534}$	$\Phi_{534}^{2}\ \Phi_{267}^{3}\ \Phi_{178}^{2}\ \Phi_{89}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
86857	1345	2664	$\frac{13}{1332}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1319}{2664}$	$\Phi_{2664}\ \Phi_{888}\ \Phi_{296}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
86858	1345	360	$\frac{1}{90}$	$\frac{1}{6}$	$\frac{91}{360}$	$\frac{89}{180}$	$\Phi_{360}^{5}\ \Phi_{120}^{5}\ \Phi_{90}^{5}\ \Phi_{72}^{5}\ \Phi_{45}^{5}\ \Phi_{40}^{5}\ \Phi_{30}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
86859	1345	532	$\frac{3}{266}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{263}{532}$	$\Phi_{532}^{5}\ \Phi_{76}^{5}\ \Phi_{28}^{5}\ \Phi_{7}^{2}\ \Phi_{4}^{5}\ \Phi_{1}^{3}$
86860	1345	1590	$\frac{4}{265}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{261}{530}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{318}\ \Phi_{265}\ \Phi_{159}\ \Phi_{53}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
86861	1345	512	$\frac{1}{64}$	$\frac{13}{256}$	$\frac{243}{512}$	$\frac{63}{128}$	$\Phi_{512}^{5}\ \Phi_{128}\ \Phi_{1}$
86862	1345	384	$\frac{1}{64}$	$\frac{13}{128}$	$\frac{115}{384}$	$\frac{63}{128}$	$\Phi_{384}^{5}\ \Phi_{192}^{5}\ \Phi_{128}\ \Phi_{96}^{5}\ \Phi_{48}^{5}\ \Phi_{24}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}$
86863	1345	1536	$\frac{1}{64}$	$\frac{191}{1536}$	$\frac{65}{256}$	$\frac{63}{128}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
86864	1345	324	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{55}{324}$	$\frac{53}{108}$	$\Phi_{324}^{5}\ \Phi_{162}^{5}\ \Phi_{81}^{5}\ \Phi_{54}^{5}\ \Phi_{27}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
86865	1345	528	$\frac{5}{264}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{259}{528}$	$\Phi_{528}^{5}\ \Phi_{176}^{5}\ \Phi_{48}^{5}\ \Phi_{16}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
86866	1345	522	$\frac{8}{261}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{253}{522}$	$\Phi_{522}^{2}\ \Phi_{261}^{3}\ \Phi_{174}^{2}\ \Phi_{87}^{3}\ \Phi_{58}^{2}\ \Phi_{29}^{3}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
86867	1345	300	$\frac{1}{30}$	$\frac{31}{300}$	$\frac{1}{6}$	$\frac{29}{60}$	$\Phi_{300}^{5}\ \Phi_{150}^{5}\ \Phi_{100}^{5}\ \Phi_{75}^{5}\ \Phi_{50}^{5}\ \Phi_{30}^{5}\ \Phi_{25}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
86868	1345	1560	$\frac{9}{260}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{251}{520}$	$\Phi_{1560}^{2}\ \Phi_{520}\ \Phi_{312}^{2}\ \Phi_{120}^{2}\ \Phi_{104}\ \Phi_{40}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
86869	1345	2592	$\frac{49}{1296}$	$\frac{1}{24}$	$\frac{23}{72}$	$\frac{1247}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
86870	1345	2592	$\frac{49}{1296}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1247}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
86871	1345	1824	$\frac{1}{24}$	$\frac{23}{456}$	$\frac{479}{1824}$	$\frac{433}{912}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{1}$
86872	1345	512	$\frac{13}{256}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{243}{512}$	$\Phi_{512}^{5}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
86873	1345	510	$\frac{14}{255}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{241}{510}$	$\Phi_{510}^{2}\ \Phi_{255}^{3}\ \Phi_{170}^{2}\ \Phi_{102}^{2}\ \Phi_{85}^{3}\ \Phi_{51}^{3}\ \Phi_{34}^{2}\ \Phi_{30}^{5}\ \Phi_{17}^{3}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
86874	1345	1632	$\frac{15}{272}$	$\frac{1}{16}$	$\frac{287}{1632}$	$\frac{257}{544}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{96}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
86875	1345	288	$\frac{1}{18}$	$\frac{19}{288}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{288}^{5}\ \Phi_{144}^{5}\ \Phi_{96}^{5}\ \Phi_{72}^{5}\ \Phi_{48}^{5}\ \Phi_{32}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{16}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
86876	1345	1456	$\frac{7}{104}$	$\frac{111}{1456}$	$\frac{1}{8}$	$\frac{97}{208}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{112}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}$
86877	1345	504	$\frac{1}{42}$	$\frac{17}{252}$	$\frac{41}{126}$	$\frac{235}{504}$	$\Phi_{504}^{5}\ \Phi_{168}^{5}\ \Phi_{126}\ \Phi_{72}^{5}\ \Phi_{63}\ \Phi_{56}^{5}\ \Phi_{24}^{5}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}^{5}\ \Phi_{1}$
86878	1345	504	$\frac{1}{21}$	$\frac{17}{252}$	$\frac{4}{21}$	$\frac{235}{504}$	$\Phi_{504}^{5}\ \Phi_{168}^{5}\ \Phi_{72}^{5}\ \Phi_{56}^{5}\ \Phi_{24}^{5}\ \Phi_{21}^{4}\ \Phi_{8}^{5}\ \Phi_{7}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
86879	1345	504	$\frac{1}{18}$	$\frac{17}{252}$	$\frac{1}{6}$	$\frac{235}{504}$	$\Phi_{504}^5\ \Phi_{168}^5\ \Phi_{72}^5\ \Phi_{56}^5\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{9}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
86880	1345	1638	$\frac{1}{21}$	$\frac{20}{273}$	$\frac{293}{1638}$	$\frac{253}{546}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{273}\ \Phi_{234}\ \Phi_{126}\ \Phi_{117}\ \Phi_{91}\ \Phi_{63}\ \Phi_{39}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
86881	1345	2496	$\frac{7}{104}$	$\frac{97}{1248}$	$\frac{1}{8}$	$\frac{1151}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{192}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
86882	1345	1848	$\frac{1}{42}$	$\frac{41}{462}$	$\frac{503}{1848}$	$\frac{421}{924}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{66}\ \Phi_{56}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
86883	1345	1404	$\frac{59}{1404}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{54}\ \Phi_{52}\ \Phi_{39}\ \Phi_{27}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
86884	1345	840	$\frac{11}{280}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
86885	1345	486	$\frac{1}{27}$	$\frac{26}{243}$	$\frac{1}{6}$	$\frac{217}{486}$	$\Phi_{486}^2\ \Phi_{243}^3\ \Phi_{162}^2\ \Phi_{81}^3\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_{18}^5\ \Phi_{9}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
86886	1345	480	$\frac{1}{30}$	$\frac{29}{240}$	$\frac{1}{6}$	$\frac{211}{480}$	$\Phi_{480}^5\ \Phi_{160}^5\ \Phi_{96}^5\ \Phi_{32}^5\ \Phi_{30}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
86887	1345	1568	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{223}{1568}$	$\frac{169}{392}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{224}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{49}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
86888	1345	273	$\frac{4}{273}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{273}^5\ \Phi_{91}^5\ \Phi_{39}^5\ \Phi_{21}^5\ \Phi_{13}^5\ \Phi_{7}^2\ \Phi_{3}^5\ \Phi_{1}^3$
86889	1345	2352	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{169}{1176}$	$\frac{1007}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{49}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
86890	1345	276	$\frac{7}{276}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{276}^5\ \Phi_{138}^5\ \Phi_{92}^5\ \Phi_{69}^5\ \Phi_{46}^5\ \Phi_{23}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
86891	1345	2304	$\frac{1}{96}$	$\frac{193}{1152}$	$\frac{95}{288}$	$\frac{959}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
86892	1345	288	$\frac{1}{16}$	$\frac{19}{288}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_{9}^5\ \Phi_{8}^4\ \Phi_{6}^5\ \Phi_{4}^4\ \Phi_{3}^5\ \Phi_{2}^4\ \Phi_{1}^5$
86893	1345	294	$\frac{1}{21}$	$\frac{25}{294}$	$\frac{4}{21}$	$\frac{17}{42}$	$\Phi_{294}^5\ \Phi_{147}^5\ \Phi_{98}^5\ \Phi_{49}^5\ \Phi_{21}^4\ \Phi_{7}^4\ \Phi_{3}^4\ \Phi_{1}^5$
86894	1345	450	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{44}{225}$	$\frac{181}{450}$	$\Phi_{450}^2\ \Phi_{225}^3\ \Phi_{150}^2\ \Phi_{90}^5\ \Phi_{75}^3\ \Phi_{50}^2\ \Phi_{45}^5\ \Phi_{30}^5\ \Phi_{25}^3\ \Phi_{18}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_{9}^5\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
86895	1345	336	$\frac{1}{56}$	$\frac{11}{56}$	$\frac{67}{336}$	$\frac{45}{112}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{84}^5\ \Phi_{56}^4\ \Phi_{48}^5\ \Phi_{42}^5\ \Phi_{28}^4\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_{8}^4\ \Phi_{7}^4\ \Phi_{6}^5\ \Phi_{4}^4\ \Phi_{3}^5\ \Phi_{2}^4\ \Phi_{1}^5$
86896	1345	384	$\frac{1}{96}$	$\frac{19}{96}$	$\frac{115}{384}$	$\frac{77}{192}$	$\Phi_{384}^5\ \Phi_{128}^5\ \Phi_{96}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
86897	1345	448	$\frac{1}{56}$	$\frac{11}{56}$	$\frac{45}{224}$	$\frac{179}{448}$	$\Phi_{448}^5\ \Phi_{64}^5\ \Phi_{56}^4\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_{8}^4\ \Phi_{7}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^5$
86898	1345	2184	$\frac{1}{21}$	$\frac{20}{273}$	$\frac{253}{1092}$	$\frac{839}{2184}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{273}\ \Phi_{168}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{39}\ \Phi_{24}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
86899	1345	2176	$\frac{15}{272}$	$\frac{1}{16}$	$\frac{257}{1088}$	$\frac{831}{2176}$	$\Phi_{2176}\ \Phi_{272}\ \Phi_{136}\ \Phi_{128}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{1}$
86900	1345	432	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{53}{216}$	$\frac{163}{432}$	$\Phi_{432}^5\ \Phi_{144}^5\ \Phi_{54}^5\ \Phi_{48}^5\ \Phi_{27}^5\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{9}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
86901	1345	1608	$\frac{1}{134}$	$\frac{1}{4}$	$\frac{133}{402}$	$\frac{3}{8}$	$\Phi_{1608}^2\ \Phi_{402}\ \Phi_{201}\ \Phi_{24}^2\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
86902	1345	272	$\frac{3}{272}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{272}^5\ \Phi_{136}^5\ \Phi_{68}^5\ \Phi_{34}^5\ \Phi_{17}^5\ \Phi_{16}^5\ \Phi_{8}^2\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^5$
86903	1345	2680	$\frac{1}{67}$	$\frac{66}{335}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2680}\ \Phi_{335}\ \Phi_{40}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
86904	1345	1368	$\frac{23}{1368}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{72}\ \Phi_{57}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
86905	1345	288	$\frac{1}{24}$	$\frac{19}{288}$	$\frac{23}{72}$	$\frac{49}{144}$	$\Phi_{288}^5\ \Phi_{144}^4\ \Phi_{96}^5\ \Phi_{72}^5\ \Phi_{48}^4\ \Phi_{36}^5\ \Phi_{32}^5\ \Phi_{24}^4\ \Phi_{18}^5\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_{9}^5\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
86906	1345	1512	$\frac{1}{42}$	$\frac{167}{1512}$	$\frac{41}{126}$	$\frac{85}{252}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
86907	1345	1728	$\frac{1}{96}$	$\frac{383}{1728}$	$\frac{95}{288}$	$\frac{193}{576}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
86908	1345	2016	$\frac{1}{168}$	$\frac{167}{504}$	$\frac{671}{2016}$	$\frac{337}{1008}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{126}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
86909	1345	1998	$\frac{13}{666}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{653}{1998}$	$\Phi_{1998}\ \Phi_{999}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
86910	1345	399	$\frac{3}{133}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{130}{399}$	$\Phi_{399}^5\ \Phi_{57}^5\ \Phi_{21}^5\ \Phi_{7}^2\ \Phi_{3}^5\ \Phi_{1}^3$
86911	1345	378	$\frac{1}{42}$	$\frac{17}{126}$	$\frac{109}{378}$	$\frac{41}{126}$	$\Phi_{378}^5\ \Phi_{189}^5\ \Phi_{126}\ \Phi_{63}\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
86912	1345	324	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{55}{324}$	$\frac{26}{81}$	$\Phi_{324}^5\ \Phi_{162}^2\ \Phi_{108}^5\ \Phi_{81}^3\ \Phi_{54}^5\ \Phi_{36}^5\ \Phi_{27}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
86913	1345	396	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{127}{396}$	$\Phi_{396}^5\ \Phi_{198}^5\ \Phi_{99}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
86914	1345	1944	$\frac{1}{24}$	$\frac{49}{648}$	$\frac{599}{1944}$	$\frac{23}{72}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
86915	1345	1512	$\frac{1}{24}$	$\frac{167}{1512}$	$\frac{49}{216}$	$\frac{23}{72}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
86916	1345	1728	$\frac{1}{24}$	$\frac{49}{432}$	$\frac{383}{1728}$	$\frac{23}{72}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
86917	1345	312	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{43}{312}$	$\frac{97}{312}$	$\Phi_{312}^4\ \Phi_{156}^4\ \Phi_{104}^5\ \Phi_{78}^4\ \Phi_{52}^5\ \Phi_{39}^4\ \Phi_{26}^5\ \Phi_{24}^4\ \Phi_{13}^5\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
86918	1345	390	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{121}{390}$	$\Phi_{390}^3\ \Phi_{195}^3\ \Phi_{130}^4\ \Phi_{78}^3\ \Phi_{65}^4\ \Phi_{39}^3\ \Phi_{30}^5\ \Phi_{26}^4\ \Phi_{15}^5\ \Phi_{13}^4\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
86919	1345	1944	$\frac{49}{648}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{599}{1944}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
86920	1345	1458	$\frac{113}{1458}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{162}$	$\Phi_{1458}\ \Phi_{729}\ \Phi_{486}\ \Phi_{243}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
86921	1345	384	$\frac{1}{16}$	$\frac{13}{128}$	$\frac{3}{16}$	$\frac{115}{384}$	$\Phi_{384}^5\ \Phi_{192}^5\ \Phi_{96}^5\ \Phi_{48}^5\ \Phi_{24}^5\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^5\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
86922	1345	378	$\frac{1}{21}$	$\frac{17}{126}$	$\frac{4}{21}$	$\frac{109}{378}$	$\Phi_{378}^5\ \Phi_{189}^5\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3^4\ \Phi_1^5$
86923	1345	378	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{1}{6}$	$\frac{109}{378}$	$\Phi_{378}^5\ \Phi_{189}^5\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
86924	1345	1764	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{419}{1764}$	$\frac{169}{588}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{441}\ \Phi_{252}\ \Phi_{196}\ \Phi_{126}\ \Phi_{98}\ \Phi_{63}\ \Phi_{49}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
86925	1345	280	$\frac{11}{280}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{280}^5\ \Phi_{140}^5\ \Phi_{70}^5\ \Phi_{56}^5\ \Phi_{40}^5\ \Phi_{35}^5\ \Phi_{28}^5\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_8^5\ \Phi_7^2\ \Phi_5^5\ \Phi_4^5\ \Phi_1^3$
86926	1345	1872	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{97}{624}$	$\frac{527}{1872}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_1$
86927	1345	315	$\frac{1}{21}$	$\frac{46}{315}$	$\frac{4}{21}$	$\frac{17}{63}$	$\Phi_{315}^5\ \Phi_{105}^5\ \Phi_{45}^5\ \Phi_{35}^5\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_7^4\ \Phi_5^5\ \Phi_3^4\ \Phi_1^5$
86928	1345	360	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{29}{120}$	$\frac{91}{360}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{90}^5\ \Phi_{72}^5\ \Phi_{45}^5\ \Phi_{36}^5\ \Phi_{30}^5\ \Phi_{18}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
86929	1345	1664	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{319}{1664}$	$\frac{97}{416}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{128}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
86930	1345	1512	$\frac{5}{54}$	$\frac{167}{1512}$	$\frac{1}{6}$	$\frac{49}{216}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
86931	1345	1728	$\frac{5}{54}$	$\frac{49}{432}$	$\frac{1}{6}$	$\frac{383}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
86932	1345	285	$\frac{16}{285}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{285}^5\ \Phi_{95}^4\ \Phi_{57}^5\ \Phi_{19}^5\ \Phi_{15}^5\ \Phi_5^3\ \Phi_3^5\ \Phi_1^5$
86933	1345	288	$\frac{19}{288}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{32}^5\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
86934	1345	320	$\frac{1}{16}$	$\frac{51}{320}$	$\frac{3}{16}$	$\frac{13}{64}$	$\Phi_{320}^5\ \Phi_{160}^5\ \Phi_{80}^5\ \Phi_{40}^5\ \Phi_{20}^5\ \Phi_{16}^4\ \Phi_{10}^5\ \Phi_8^4\ \Phi_5^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
86935	1345	336	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{67}{336}$	$\frac{17}{84}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^5\ \Phi_{56}^5\ \Phi_{48}^5\ \Phi_{24}^5\ \Phi_{21}^4\ \Phi_{16}^5\ \Phi_8^5\ \Phi_7^4\ \Phi_3^4\ \Phi_1^5$
86936	1345	330	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{61}{330}$	$\Phi_{330}^5\ \Phi_{165}^5\ \Phi_{110}^5\ \Phi_{55}^5\ \Phi_{30}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
86937	1345	324	$\frac{5}{54}$	$\frac{49}{324}$	$\frac{1}{6}$	$\frac{55}{324}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{108}^4\ \Phi_{81}^4\ \Phi_{54}^5\ \Phi_{36}^4\ \Phi_{27}^5\ \Phi_{18}^5\ \Phi_{12}^4\ \Phi_9^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
86938	1346	1076	$\frac{1}{269}$	$\frac{135}{538}$	$\frac{403}{1076}$	$\frac{134}{269}$	$\Phi_{1076}^2\ \Phi_{269}\ \Phi_4^2\ \Phi_1^2$
86939	1346	1340	$\frac{3}{670}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{667}{1340}$	$\Phi_{1340}^2\ \Phi_{268}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
86940	1346	1335	$\frac{11}{1335}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{662}{1335}$	$\Phi_{1335}\ \Phi_{445}\ \Phi_{267}\ \Phi_{89}\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
86941	1346	900	$\frac{2}{225}$	$\frac{1}{5}$	$\frac{227}{900}$	$\frac{223}{450}$	$\Phi_{900}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
86942	1346	810	$\frac{2}{135}$	$\frac{137}{810}$	$\frac{1}{5}$	$\frac{133}{270}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{162}^2\ \Phi_{135}^2\ \Phi_{81}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
86943	1346	1325	$\frac{21}{1325}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{652}{1325}$	$\Phi_{1325}\ \Phi_{265}\ \Phi_{53}\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
86944	1346	1320	$\frac{13}{660}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{647}{1320}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{120}^2\ \Phi_{88}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
86945	1346	750	$\frac{2}{75}$	$\frac{77}{750}$	$\frac{1}{5}$	$\frac{73}{150}$	$\Phi_{750}^2\ \Phi_{375}^2\ \Phi_{250}^2\ \Phi_{125}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
86946	1346	1305	$\frac{41}{1305}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{632}{1305}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{145}\ \Phi_{87}\ \Phi_{45}^2\ \Phi_{29}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
86947	1346	1300	$\frac{23}{650}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{627}{1300}$	$\Phi_{1300}^2\ \Phi_{260}^2\ \Phi_{100}^2\ \Phi_{52}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
86948	1346	720	$\frac{2}{45}$	$\frac{47}{720}$	$\frac{1}{5}$	$\frac{43}{90}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
86949	1346	1275	$\frac{4}{75}$	$\frac{71}{1275}$	$\frac{1}{5}$	$\frac{602}{1275}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{255}\ \Phi_{85}\ \Phi_{75}^2\ \Phi_{51}\ \Phi_{25}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
86950	1346	1260	$\frac{2}{45}$	$\frac{43}{630}$	$\frac{1}{5}$	$\frac{587}{1260}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
86951	1346	700	$\frac{27}{700}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
86952	1346	1215	$\frac{4}{135}$	$\frac{131}{1215}$	$\frac{1}{5}$	$\frac{542}{1215}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}^2\ \Phi_{81}\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
86953	1346	1200	$\frac{2}{75}$	$\frac{73}{600}$	$\frac{1}{5}$	$\frac{527}{1200}$	$\Phi_{1200}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{80}^2\ \Phi_{75}^2\ \Phi_{48}^2\ \Phi_{25}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
86954	1346	690	$\frac{17}{690}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{115}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
86955	1346	1125	$\frac{4}{225}$	$\frac{221}{1125}$	$\frac{1}{5}$	$\frac{452}{1125}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{225}^2\ \Phi_{125}\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
86956	1346	1005	$\frac{3}{335}$	$\frac{1}{5}$	$\frac{332}{1005}$	$\frac{2}{5}$	$\Phi_{1005}^2\ \Phi_{201}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
86957	1346	680	$\frac{7}{680}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{680}^2\ \Phi_{340}^2\ \Phi_{170}^2\ \Phi_{136}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{40}^2\ \Phi_{34}^2\ \Phi_{20}^2\ \Phi_{17}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
86958	1346	1080	$\frac{2}{135}$	$\frac{1}{5}$	$\frac{133}{540}$	$\frac{407}{1080}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
86959	1346	810	$\frac{4}{135}$	$\frac{137}{810}$	$\frac{1}{5}$	$\frac{131}{405}$	$\Phi_{810}^2\ \Phi_{405}\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{81}\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
86960	1346	990	$\frac{13}{330}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{317}{990}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
86961	1346	975	$\frac{23}{325}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{302}{975}$	$\Phi_{975}^2\ \Phi_{195}^2\ \Phi_{75}^2\ \Phi_{39}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
86962	1346	945	$\frac{2}{45}$	$\frac{43}{315}$	$\frac{1}{5}$	$\frac{272}{945}$	$\Phi_{945}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
86963	1346	900	$\frac{2}{75}$	$\frac{1}{5}$	$\frac{73}{300}$	$\frac{227}{900}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
86964	1346	720	$\frac{47}{720}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
86965	1346	825	$\frac{13}{165}$	$\frac{2}{15}$	$\frac{152}{825}$	$\frac{1}{5}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
86966	1347	1788	$\frac{2}{447}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{445}{894}$	$\Phi_{1788}\ \Phi_{596}\ \Phi_{447}\ \Phi_{149}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
86967	1347	600	$\frac{1}{150}$	$\frac{1}{4}$	$\frac{151}{600}$	$\frac{149}{300}$	$\Phi_{600}^3\ \Phi_{300}^2\ \Phi_{200}^3\ \Phi_{150}\ \Phi_{120}^3\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{50}\ \Phi_{40}^3\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
86968	1347	1780	$\frac{4}{445}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{441}{890}$	$\Phi_{1780}\ \Phi_{445}\ \Phi_{356}\ \Phi_{89}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
86969	1347	540	$\frac{1}{90}$	$\frac{91}{540}$	$\frac{1}{4}$	$\frac{89}{180}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^2\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{90}\ \Phi_{60}^2\ \Phi_{54}^3\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{27}^3\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
86970	1347	888	$\frac{5}{444}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{439}{888}$	$\Phi_{888}^3\ \Phi_{296}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
86971	1347	1764	$\frac{8}{441}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{433}{882}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{441}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{84}\ \Phi_{63}\ \Phi_{49}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
86972	1347	500	$\frac{1}{50}$	$\frac{51}{500}$	$\frac{1}{4}$	$\frac{49}{100}$	$\Phi_{500}^3\ \Phi_{250}^3\ \Phi_{125}^3\ \Phi_{100}^2\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
86973	1347	880	$\frac{9}{440}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{431}{880}$	$\Phi_{880}^3\ \Phi_{176}^3\ \Phi_{80}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
86974	1347	1740	$\frac{14}{435}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{421}{870}$	$\Phi_{1740}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{145}\ \Phi_{116}\ \Phi_{87}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{29}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
86975	1347	480	$\frac{1}{30}$	$\frac{31}{480}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
86976	1347	864	$\frac{17}{432}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{415}{864}$	$\Phi_{864}^3\ \Phi_{288}^3\ \Phi_{96}^3\ \Phi_{36}^2\ \Phi_{32}^3\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
86977	1347	468	$\frac{19}{468}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{156}^3\ \Phi_{117}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{36}^2\ \Phi_{26}^3\ \Phi_{18}\ \Phi_{13}^3\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
86978	1347	1700	$\frac{1}{25}$	$\frac{24}{425}$	$\frac{1}{4}$	$\frac{401}{850}$	$\Phi_{1700}\ \Phi_{425}\ \Phi_{340}\ \Phi_{100}^2\ \Phi_{85}\ \Phi_{68}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
86979	1347	840	$\frac{1}{30}$	$\frac{29}{420}$	$\frac{1}{4}$	$\frac{391}{840}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{60}^2\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
86980	1347	460	$\frac{11}{460}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{460}^3\ \Phi_{230}^3\ \Phi_{115}^3\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{23}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
86981	1347	1620	$\frac{1}{45}$	$\frac{44}{405}$	$\frac{1}{4}$	$\frac{361}{810}$	$\Phi_{1620}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}^2\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
86982	1347	800	$\frac{1}{50}$	$\frac{49}{400}$	$\frac{1}{4}$	$\frac{351}{800}$	$\Phi_{800}^3\ \Phi_{160}^3\ \Phi_{100}^2\ \Phi_{50}\ \Phi_{32}^3\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
86983	1347	456	$\frac{7}{456}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{152}^3\ \Phi_{114}^3\ \Phi_{76}^3\ \Phi_{57}^3\ \Phi_{38}^3\ \Phi_{24}^3\ \Phi_{19}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
86984	1347	1500	$\frac{1}{75}$	$\frac{74}{375}$	$\frac{1}{4}$	$\frac{301}{750}$	$\Phi_{1500}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}^2\ \Phi_{150}\ \Phi_{125}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{50}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
86985	1347	720	$\frac{1}{90}$	$\frac{89}{360}$	$\frac{1}{4}$	$\frac{271}{720}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{180}^2\ \Phi_{144}^3\ \Phi_{90}\ \Phi_{80}^3\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
86986	1347	540	$\frac{1}{45}$	$\frac{91}{540}$	$\frac{1}{4}$	$\frac{44}{135}$	$\Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^2\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{27}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
86987	1347	1332	$\frac{5}{222}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{217}{666}$	$\Phi_{1332}^2\ \Phi_{666}\ \Phi_{333}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
86988	1347	660	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{211}{660}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{60}^3\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
86989	1347	972	$\frac{1}{18}$	$\frac{37}{486}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{972}^2\ \Phi_{486}\ \Phi_{324}^2\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
86990	1347	648	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{1}{4}$	$\frac{199}{648}$	$\Phi_{648}^3\ \Phi_{324}^3\ \Phi_{162}^3\ \Phi_{81}^3\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
86991	1347	1260	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{1}{4}$	$\frac{181}{630}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
86992	1347	600	$\frac{1}{50}$	$\frac{49}{200}$	$\frac{1}{4}$	$\frac{151}{600}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^2\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}\ \Phi_{30}^3\ \Phi_{25}\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
86993	1347	504	$\frac{1}{18}$	$\frac{55}{504}$	$\frac{17}{72}$	$\frac{1}{4}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{36}^2\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{18}\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_9\ \Phi_7^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
86994	1347	480	$\frac{31}{480}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
86995	1347	576	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{127}{576}$	$\frac{1}{4}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{36}^2\ \Phi_{32}^3\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
86996	1347	1100	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{550}$	$\frac{1}{4}$	$\Phi_{1100}^2\ \Phi_{550}\ \Phi_{275}\ \Phi_{100}^2\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
86997	1347	540	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{91}{540}$	$\frac{1}{4}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{18}\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_9\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
86998	1347	504	$\frac{55}{504}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{4}$	$\Phi_{504}^3\ \Phi_{252}^2\ \Phi_{168}^3\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
86999	1348	672	$\frac{1}{336}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{335}{672}$	$\Phi_{672}^4\ \Phi_{224}^4\ \Phi_{96}^4\ \Phi_{32}^4\ \Phi_3\ \Phi_1^2$
87000	1348	450	$\frac{1}{225}$	$\frac{113}{450}$	$\frac{1}{3}$	$\frac{112}{225}$	$\Phi_{450}^4\ \Phi_{225}^2\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^2\ \Phi_{50}^4\ \Phi_{45}^2\ \Phi_{30}^4\ \Phi_{25}^2\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
87001	1348	1341	$\frac{7}{1341}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{667}{1341}$	$\Phi_{1341}\ \Phi_{447}\ \Phi_{149}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
87002	1348	2010	$\frac{2}{335}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{333}{670}$	$\Phi_{2010}^2\ \Phi_{402}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
87003	1348	449	$\frac{3}{449}$	$\frac{112}{449}$	$\frac{113}{449}$	$\frac{223}{449}$	$\Phi_{449}^3\ \Phi_1^4$
87004	1348	405	$\frac{1}{135}$	$\frac{68}{405}$	$\frac{1}{3}$	$\frac{67}{135}$	$\Phi_{405}^4\ \Phi_{135}^2\ \Phi_{81}^4\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
87005	1348	1335	$\frac{13}{1335}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{661}{1335}$	$\Phi_{1335}\ \Phi_{445}\ \Phi_{267}\ \Phi_{89}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
87006	1348	666	$\frac{4}{333}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{329}{666}$	$\Phi_{666}^4\ \Phi_{222}^4\ \Phi_{74}^4\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
87007	1348	375	$\frac{1}{75}$	$\frac{38}{375}$	$\frac{1}{3}$	$\frac{37}{75}$	$\Phi_{375}^4\ \Phi_{125}^4\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
87008	1348	1323	$\frac{25}{1323}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{649}{1323}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{189}\ \Phi_{147}\ \Phi_{63}\ \Phi_{49}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
87009	1348	660	$\frac{7}{330}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{323}{660}$	$\Phi_{660}^4\ \Phi_{220}^4\ \Phi_{132}^4\ \Phi_{60}^4\ \Phi_{44}^4\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
87010	1348	360	$\frac{1}{45}$	$\frac{23}{360}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{45}^2\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
87011	1348	1305	$\frac{43}{1305}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{631}{1305}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{145}\ \Phi_{87}\ \Phi_{45}^2\ \Phi_{29}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
87012	1348	1950	$\frac{12}{325}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{313}{650}$	$\Phi_{1950}^2\ \Phi_{390}^2\ \Phi_{150}^2\ \Phi_{78}^2\ \Phi_{75}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
87013	1348	650	$\frac{12}{325}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{313}{650}$	$\Phi_{650}^4\ \Phi_{130}^4\ \Phi_{65}\ \Phi_{50}^4\ \Phi_{26}^4\ \Phi_{10}^4\ \Phi_2^4$
87014	1348	351	$\frac{1}{27}$	$\frac{14}{351}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{351}^4\ \Phi_{117}^4\ \Phi_{39}^4\ \Phi_{27}^2\ \Phi_{13}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
87015	1348	1820	$\frac{1}{26}$	$\frac{27}{364}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{140}\ \Phi_{130}\ \Phi_{70}\ \Phi_{65}\ \Phi_{35}\ \Phi_{10}$
87016	1348	1050	$\frac{13}{350}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{210}^2\ \Phi_{150}^2\ \Phi_{105}^2\ \Phi_{75}\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_6^2$
87017	1348	648	$\frac{1}{27}$	$\frac{13}{324}$	$\frac{1}{3}$	$\frac{311}{648}$	$\Phi_{648}^4\ \Phi_{216}^4\ \Phi_{72}^4\ \Phi_{27}^2\ \Phi_{24}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
87018	1348	1275	$\frac{2}{75}$	$\frac{73}{1275}$	$\frac{1}{3}$	$\frac{601}{1275}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{255}\ \Phi_{85}\ \Phi_{75}^2\ \Phi_{51}\ \Phi_{25}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
87019	1348	345	$\frac{8}{345}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{345}^4\ \Phi_{115}^4\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
87020	1348	630	$\frac{1}{45}$	$\frac{22}{315}$	$\frac{1}{3}$	$\frac{293}{630}$	$\Phi_{630}^4\ \Phi_{210}^4\ \Phi_{126}^4\ \Phi_{90}^4\ \Phi_{70}^4\ \Phi_{45}^2\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
87021	1348	3120	$\frac{1}{26}$	$\frac{25}{312}$	$\frac{1}{5}$	$\frac{287}{624}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{240}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{10}$
87022	1348	1215	$\frac{2}{135}$	$\frac{133}{1215}$	$\frac{1}{3}$	$\frac{541}{1215}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}^2\ \Phi_{81}\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
87023	1348	342	$\frac{5}{342}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{342}^4\ \Phi_{171}^4\ \Phi_{114}^4\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
87024	1348	600	$\frac{1}{75}$	$\frac{37}{300}$	$\frac{1}{3}$	$\frac{263}{600}$	$\Phi_{600}^4\ \Phi_{200}^4\ \Phi_{120}^4\ \Phi_{75}^2\ \Phi_{40}^4\ \Phi_{25}^2\ \Phi_{24}^4\ \Phi_{15}^2\ \Phi_8^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
87025	1348	1125	$\frac{2}{225}$	$\frac{223}{1125}$	$\frac{1}{3}$	$\frac{451}{1125}$	$\Phi_{1125}\ \Phi_{375}\ \Phi_{225}^2\ \Phi_{125}\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
87026	1348	1020	$\frac{3}{340}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{255}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{60}^2\ \Phi_{51}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
87027	1348	540	$\frac{1}{135}$	$\frac{67}{270}$	$\frac{1}{3}$	$\frac{203}{540}$	$\Phi_{540}^4\ \Phi_{180}^4\ \Phi_{135}^2\ \Phi_{108}^4\ \Phi_{60}^4\ \Phi_{45}^2\ \Phi_{36}^4\ \Phi_{27}^2\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
87028	1348	339	$\frac{2}{339}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{339}^4\ \Phi_{113}^4\ \Phi_3\ \Phi_1^2$
87029	1348	504	$\frac{1}{168}$	$\frac{167}{504}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{126}^4\ \Phi_{72}^4\ \Phi_{63}^4\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
87030	1348	1020	$\frac{3}{340}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}^2\ \Phi_{102}\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{60}\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{17}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
87031	1348	1344	$\frac{1}{112}$	$\frac{111}{448}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}^2\ \Phi_{224}^2\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_3\ \Phi_1^2$
87032	1348	420	$\frac{1}{84}$	$\frac{83}{420}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
87033	1348	342	$\frac{5}{342}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{342}^4\ \Phi_{171}^4\ \Phi_{114}^4\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
87034	1348	1029	$\frac{6}{343}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1029}\ \Phi_{343}^2\ \Phi_{147}\ \Phi_{49}^2\ \Phi_3\ \Phi_1^2$
87035	1348	1176	$\frac{1}{56}$	$\frac{55}{392}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}^2\ \Phi_{294}\ \Phi_{196}^2\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_3\ \Phi_1^2$
87036	1348	1032	$\frac{7}{344}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1032}\ \Phi_{516}\ \Phi_{344}^2\ \Phi_{258}\ \Phi_{172}^2\ \Phi_{129}\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_3\ \Phi_1^2$
87037	1348	384	$\frac{1}{48}$	$\frac{47}{384}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{384}^4\ \Phi_{192}^4\ \Phi_{128}^4\ \Phi_{96}^4\ \Phi_{64}^4\ \Phi_{32}^4\ \Phi_3\ \Phi_1^2$
87038	1348	378	$\frac{1}{42}$	$\frac{41}{378}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{126}^4\ \Phi_{63}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
87039	1348	693	$\frac{19}{693}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}^2\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
87040	1348	348	$\frac{11}{348}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{348}^4\ \Phi_{174}^4\ \Phi_{116}^4\ \Phi_{87}^4\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_3\ \Phi_1^2$
87041	1348	1092	$\frac{1}{28}$	$\frac{27}{364}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{156}\ \Phi_{91}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
87042	1348	1050	$\frac{13}{350}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}^2\ \Phi_{210}\ \Phi_{175}^2\ \Phi_{150}\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
87043	1348	360	$\frac{1}{24}$	$\frac{23}{360}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
87044	1348	1056	$\frac{15}{352}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}^2\ \Phi_{264}\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{32}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
87045	1348	357	$\frac{1}{21}$	$\frac{20}{357}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{357}^4\ \Phi_{119}^4\ \Phi_{51}^4\ \Phi_{17}^4\ \Phi_3\ \Phi_1^2$
87046	1348	1005	$\frac{4}{335}$	$\frac{1}{5}$	$\frac{331}{1005}$	$\frac{1}{3}$	$\Phi_{1005}\ \Phi_{335}^2\ \Phi_{201}\ \Phi_{67}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
87047	1348	405	$\frac{2}{135}$	$\frac{68}{405}$	$\frac{133}{405}$	$\frac{1}{3}$	$\Phi_{405}^3\ \Phi_{135}^4\ \Phi_{81}^3\ \Phi_{45}^4\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
87048	1348	999	$\frac{8}{333}$	$\frac{1}{9}$	$\frac{325}{999}$	$\frac{1}{3}$	$\Phi_{999}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
87049	1348	729	$\frac{1}{27}$	$\frac{55}{729}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{729}^2\ \Phi_{243}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
87050	1348	495	$\frac{7}{165}$	$\frac{1}{15}$	$\frac{158}{495}$	$\frac{1}{3}$	$\Phi_{495}^4\ \Phi_{99}^4\ \Phi_{45}^4\ \Phi_{15}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
87051	1348	975	$\frac{1}{25}$	$\frac{24}{325}$	$\frac{301}{975}$	$\frac{1}{3}$	$\Phi_{975}\ \Phi_{325}^2\ \Phi_{195}\ \Phi_{75}^2\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
87052	1348	486	$\frac{1}{27}$	$\frac{13}{162}$	$\frac{149}{486}$	$\frac{1}{3}$	$\Phi_{486}^4\ \Phi_{243}^4\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
87053	1348	945	$\frac{1}{45}$	$\frac{44}{315}$	$\frac{271}{945}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
87054	1348	450	$\frac{1}{75}$	$\frac{37}{150}$	$\frac{113}{450}$	$\frac{1}{3}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{90}^4\ \Phi_{75}^2\ \Phi_{45}^4\ \Phi_{25}^2\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
87055	1348	378	$\frac{1}{27}$	$\frac{41}{378}$	$\frac{13}{54}$	$\frac{1}{3}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{126}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{27}^2\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_9^2\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
87056	1348	360	$\frac{23}{360}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
87057	1348	432	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{95}{432}$	$\frac{1}{3}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{27}^2\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
87058	1348	825	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{151}{825}$	$\frac{1}{3}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
87059	1348	405	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{68}{405}$	$\frac{1}{3}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{45}^4\ \Phi_{27}^2\ \Phi_{15}^4\ \Phi_9^2\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
87060	1348	378	$\frac{2}{27}$	$\frac{41}{378}$	$\frac{25}{189}$	$\frac{1}{3}$	$\Phi_{378}^4\ \Phi_{189}^3\ \Phi_{126}^4\ \Phi_{63}^3\ \Phi_{54}^4\ \Phi_{42}^4\ \Phi_{27}^4\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^4\ \Phi_7^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
87061	1348	390	$\frac{1}{26}$	$\frac{53}{390}$	$\frac{1}{5}$	$\frac{25}{78}$	$\Phi_{390}^3\ \Phi_{195}^3\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{65}^4\ \Phi_{39}^4\ \Phi_{30}^3\ \Phi_{26}^4\ \Phi_{15}^3\ \Phi_{13}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
87062	1348	2340	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{1}{5}$	$\frac{131}{468}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{180}\ \Phi_{130}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{10}$
87063	1348	2080	$\frac{1}{26}$	$\frac{79}{416}$	$\frac{1}{5}$	$\frac{25}{104}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{160}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{10}$
87064	1348	390	$\frac{1}{13}$	$\frac{53}{390}$	$\frac{12}{65}$	$\frac{1}{5}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{65}\ \Phi_{39}^4\ \Phi_{30}^4\ \Phi_{26}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
87065	1349	2688	$\frac{5}{1344}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1339}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{128}\ \Phi_8\ \Phi_1$
87066	1349	1260	$\frac{1}{70}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{69}{140}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{140}\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
87067	1349	420	$\frac{1}{70}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{69}{140}$	$\Phi_{420}^6\ \Phi_{140}^7\ \Phi_{84}^6\ \Phi_{60}^6\ \Phi_{28}^7\ \Phi_{21}\ \Phi_{20}^7\ \Phi_{12}^6\ \Phi_7\ \Phi_4^7\ \Phi_1$
87068	1349	3780	$\frac{1}{70}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{69}{140}$	$\Phi_{3780}\ \Phi_{756}\ \Phi_{540}\ \Phi_{140}\ \Phi_{108}\ \Phi_{28}\ \Phi_{27}\ \Phi_{20}\ \Phi_4\ \Phi_1$
87069	1349	840	$\frac{1}{70}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{69}{140}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
87070	1349	1456	$\frac{3}{104}$	$\frac{107}{1456}$	$\frac{1}{4}$	$\frac{101}{208}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{112}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}\ \Phi_{13}\ \Phi_8\ \Phi_7\ \Phi_1$
87071	1349	1380	$\frac{2}{69}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}\ \Phi_{69}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{23}\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
87072	1349	2600	$\frac{49}{1300}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{1251}{2600}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{200}\ \Phi_{104}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
87073	1349	480	$\frac{1}{24}$	$\frac{1}{20}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{480}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^3\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{32}^3\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
87074	1349	680	$\frac{3}{68}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{680}^4\ \Phi_{136}^3\ \Phi_{40}^4\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
87075	1349	1260	$\frac{1}{35}$	$\frac{1}{18}$	$\frac{34}{105}$	$\frac{17}{36}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
87076	1349	900	$\frac{4}{75}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{900}^{3}\,\Phi_{300}^{3}\,\Phi_{180}^{2}\,\Phi_{100}^{3}\,\Phi_{75}\,\Phi_{60}^{2}\,\Phi_{36}^{3}\,\Phi_{25}\,\Phi_{20}^{2}\,\Phi_{15}\,\Phi_{12}^{3}\,\Phi_{4}^{3}\,\Phi_{3}\,\Phi_{1}$
87077	1349	252	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{17}{36}$	$\Phi_{252}^{4}\,\Phi_{126}^{6}\,\Phi_{84}^{5}\,\Phi_{63}^{6}\,\Phi_{42}^{7}\,\Phi_{36}^{5}\,\Phi_{28}^{5}\,\Phi_{21}^{7}\,\Phi_{18}^{6}\,\Phi_{14}^{6}\,\Phi_{12}^{6}\,\Phi_{9}^{6}\,\Phi_{7}^{6}\,\Phi_{6}^{7}\,\Phi_{4}^{6}\,\Phi_{3}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
87078	1349	2772	$\frac{1}{18}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{17}{36}$	$\Phi_{2772}\,\Phi_{924}\,\Phi_{396}\,\Phi_{308}\,\Phi_{132}\,\Phi_{77}\,\Phi_{44}\,\Phi_{36}\,\Phi_{12}\,\Phi_{11}\,\Phi_{4}\,\Phi_{1}$
87079	1349	720	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{17}{36}$	$\Phi_{720}^{2}\,\Phi_{360}^{2}\,\Phi_{240}^{2}\,\Phi_{144}^{2}\,\Phi_{120}^{2}\,\Phi_{90}^{2}\,\Phi_{80}^{3}\,\Phi_{72}^{2}\,\Phi_{48}^{2}\,\Phi_{45}^{2}\,\Phi_{40}^{3}\,\Phi_{36}\,\Phi_{30}^{2}\,\Phi_{24}^{2}\,\Phi_{20}\,\Phi_{18}^{2}\,\Phi_{16}^{3}\,\Phi_{15}^{2}\,\Phi_{12}\,\Phi_{10}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{3}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
87080	1349	660	$\frac{1}{20}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{660}^{2}\,\Phi_{330}^{2}\,\Phi_{220}^{2}\,\Phi_{165}^{2}\,\Phi_{132}\,\Phi_{110}^{2}\,\Phi_{66}^{2}\,\Phi_{60}^{4}\,\Phi_{55}^{2}\,\Phi_{44}\,\Phi_{33}^{2}\,\Phi_{30}^{4}\,\Phi_{22}^{2}\,\Phi_{20}^{3}\,\Phi_{15}^{4}\,\Phi_{12}^{3}\,\Phi_{11}^{2}\,\Phi_{10}^{3}\,\Phi_{6}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
87081	1349	2496	$\frac{3}{104}$	$\frac{101}{1248}$	$\frac{1}{4}$	$\frac{1147}{2496}$	$\Phi_{2496}\,\Phi_{832}\,\Phi_{192}\,\Phi_{104}\,\Phi_{64}\,\Phi_{52}\,\Phi_{26}\,\Phi_{13}\,\Phi_{8}\,\Phi_{1}$
87082	1349	640	$\frac{1}{20}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{640}^{4}\,\Phi_{128}^{3}\,\Phi_{40}^{4}\,\Phi_{20}^{3}\,\Phi_{10}^{3}\,\Phi_{8}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
87083	1349	80	$\frac{1}{20}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{80}^{15}\,\Phi_{40}^{19}\,\Phi_{20}^{18}\,\Phi_{16}^{16}\,\Phi_{10}^{18}\,\Phi_{8}^{19}\,\Phi_{5}^{18}\,\Phi_{4}^{18}\,\Phi_{2}^{18}\,\Phi_{1}^{19}$
87084	1349	1260	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{1260}\,\Phi_{630}\,\Phi_{420}\,\Phi_{315}\,\Phi_{252}\,\Phi_{210}\,\Phi_{180}^{2}\,\Phi_{140}\,\Phi_{105}\,\Phi_{90}^{2}\,\Phi_{84}\,\Phi_{70}\,\Phi_{63}\,\Phi_{60}^{2}\,\Phi_{45}^{2}\,\Phi_{36}^{2}\,\Phi_{35}\,\Phi_{30}^{2}\,\Phi_{28}\,\Phi_{21}\,\Phi_{20}\,\Phi_{18}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{10}\,\Phi_{9}\,\Phi_{7}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
87085	1349	120	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{120}^{19}\,\Phi_{60}^{4}\,\Phi_{40}^{19}\,\Phi_{30}^{4}\,\Phi_{24}^{19}\,\Phi_{20}^{3}\,\Phi_{15}^{4}\,\Phi_{12}^{3}\,\Phi_{10}^{3}\,\Phi_{8}^{19}\,\Phi_{6}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
87086	1349	288	$\frac{1}{72}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{288}^{8}\,\Phi_{96}^{8}\,\Phi_{72}^{3}\,\Phi_{36}^{3}\,\Phi_{32}^{7}\,\Phi_{24}^{3}\,\Phi_{18}^{3}\,\Phi_{12}^{3}\,\Phi_{9}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
87087	1349	2016	$\frac{5}{672}$	$\frac{1}{4}$	$\frac{667}{2016}$	$\frac{3}{8}$	$\Phi_{2016}\,\Phi_{1008}\,\Phi_{504}\,\Phi_{288}\,\Phi_{252}\,\Phi_{144}\,\Phi_{126}\,\Phi_{72}\,\Phi_{63}\,\Phi_{36}\,\Phi_{18}\,\Phi_{9}\,\Phi_{8}\,\Phi_{1}$
87088	1349	1360	$\frac{11}{1360}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1360}\,\Phi_{680}\,\Phi_{340}\,\Phi_{272}\,\Phi_{170}\,\Phi_{136}\,\Phi_{85}\,\Phi_{80}\,\Phi_{68}\,\Phi_{40}\,\Phi_{34}\,\Phi_{20}\,\Phi_{17}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{1}$
87089	1349	1792	$\frac{5}{448}$	$\frac{443}{1792}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1792}\,\Phi_{896}\,\Phi_{256}\,\Phi_{128}\,\Phi_{8}\,\Phi_{1}$
87090	1349	72	$\frac{1}{72}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^{19}\,\Phi_{36}^{19}\,\Phi_{24}^{18}\,\Phi_{18}^{19}\,\Phi_{12}^{18}\,\Phi_{9}^{19}\,\Phi_{8}^{19}\,\Phi_{6}^{18}\,\Phi_{4}^{18}\,\Phi_{3}^{18}\,\Phi_{2}^{18}\,\Phi_{1}^{19}$
87091	1349	1680	$\frac{5}{336}$	$\frac{331}{1680}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1680}\,\Phi_{840}\,\Phi_{560}\,\Phi_{420}\,\Phi_{280}\,\Phi_{240}\,\Phi_{210}\,\Phi_{140}\,\Phi_{120}\,\Phi_{105}\,\Phi_{80}\,\Phi_{70}\,\Phi_{60}\,\Phi_{40}\,\Phi_{35}\,\Phi_{30}\,\Phi_{20}\,\Phi_{15}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{1}$
87092	1349	1376	$\frac{27}{1376}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1376}\,\Phi_{688}\,\Phi_{344}\,\Phi_{172}\,\Phi_{86}\,\Phi_{43}\,\Phi_{8}\,\Phi_{1}$
87093	1349	1568	$\frac{5}{224}$	$\frac{219}{1568}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1568}\,\Phi_{784}\,\Phi_{392}\,\Phi_{196}\,\Phi_{98}\,\Phi_{49}\,\Phi_{8}\,\Phi_{1}$
87094	1349	1536	$\frac{5}{192}$	$\frac{187}{1536}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1536}\,\Phi_{768}\,\Phi_{512}\,\Phi_{384}\,\Phi_{256}\,\Phi_{128}\,\Phi_{8}\,\Phi_{1}$
87095	1349	1512	$\frac{5}{168}$	$\frac{163}{1512}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1512}\,\Phi_{756}\,\Phi_{504}\,\Phi_{378}\,\Phi_{252}\,\Phi_{216}\,\Phi_{189}\,\Phi_{126}\,\Phi_{108}\,\Phi_{72}\,\Phi_{63}\,\Phi_{54}\,\Phi_{36}\,\Phi_{27}\,\Phi_{18}\,\Phi_{9}\,\Phi_{8}\,\Phi_{1}$
87096	1349	1392	$\frac{43}{1392}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1392}\,\Phi_{696}\,\Phi_{464}\,\Phi_{348}\,\Phi_{232}\,\Phi_{174}\,\Phi_{116}\,\Phi_{87}\,\Phi_{58}\,\Phi_{29}\,\Phi_{8}\,\Phi_{1}$
87097	1349	1400	$\frac{51}{1400}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1400}\,\Phi_{700}\,\Phi_{350}\,\Phi_{280}\,\Phi_{200}\,\Phi_{175}\,\Phi_{140}\,\Phi_{100}\,\Phi_{70}\,\Phi_{50}\,\Phi_{40}\,\Phi_{35}\,\Phi_{25}\,\Phi_{20}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{1}$
87098	1349	1408	$\frac{59}{1408}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1408}\,\Phi_{704}\,\Phi_{352}\,\Phi_{176}\,\Phi_{128}\,\Phi_{88}\,\Phi_{44}\,\Phi_{22}\,\Phi_{11}\,\Phi_{8}\,\Phi_{1}$
87099	1349	1456	$\frac{5}{112}$	$\frac{107}{1456}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1456}\,\Phi_{728}\,\Phi_{364}\,\Phi_{208}\,\Phi_{182}\,\Phi_{104}\,\Phi_{91}\,\Phi_{52}\,\Phi_{26}\,\Phi_{13}\,\Phi_{8}\,\Phi_{1}$
87100	1349	1440	$\frac{5}{96}$	$\frac{91}{1440}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1440}\,\Phi_{720}\,\Phi_{480}\,\Phi_{360}\,\Phi_{288}\,\Phi_{240}\,\Phi_{180}\,\Phi_{160}\,\Phi_{144}\,\Phi_{120}\,\Phi_{90}\,\Phi_{80}\,\Phi_{72}\,\Phi_{60}\,\Phi_{45}\,\Phi_{40}\,\Phi_{36}\,\Phi_{30}\,\Phi_{20}\,\Phi_{18}\,\Phi_{15}\,\Phi_{10}\,\Phi_{9}\,\Phi_{8}\,\Phi_{5}\,\Phi_{1}$
87101	1349	360	$\frac{1}{72}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{360}^{4}\,\Phi_{180}^{4}\,\Phi_{120}^{4}\,\Phi_{90}^{4}\,\Phi_{72}^{3}\,\Phi_{60}^{4}\,\Phi_{45}^{4}\,\Phi_{40}^{4}\,\Phi_{36}^{3}\,\Phi_{30}^{3}\,\Phi_{24}^{3}\,\Phi_{20}^{4}\,\Phi_{18}^{3}\,\Phi_{15}^{4}\,\Phi_{12}^{3}\,\Phi_{10}^{3}\,\Phi_{9}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{2}\,\Phi_{5}^{3}\,\Phi_{4}^{3}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
87102	1349	540	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{540}^{2}\,\Phi_{270}^{2}\,\Phi_{180}^{4}\,\Phi_{135}^{2}\,\Phi_{108}\,\Phi_{90}^{4}\,\Phi_{60}^{4}\,\Phi_{54}^{2}\,\Phi_{45}^{4}\,\Phi_{36}^{3}\,\Phi_{30}^{4}\,\Phi_{27}^{2}\,\Phi_{20}^{3}\,\Phi_{18}^{3}\,\Phi_{15}^{4}\,\Phi_{12}^{3}\,\Phi_{10}^{3}\,\Phi_{9}^{3}\,\Phi_{6}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
87103	1349	105	$\frac{1}{35}$	$\frac{2}{21}$	$\frac{34}{105}$	$\frac{1}{3}$	$\Phi_{105}^{13}\,\Phi_{35}^{12}\,\Phi_{21}^{14}\,\Phi_{15}^{13}\,\Phi_{7}^{13}\,\Phi_{5}^{12}\,\Phi_{3}^{13}\,\Phi_{1}^{13}$
87104	1349	525	$\frac{4}{75}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{525}^{3}\,\Phi_{175}^{3}\,\Phi_{105}^{2}\,\Phi_{75}\,\Phi_{35}^{2}\,\Phi_{25}\,\Phi_{21}^{3}\,\Phi_{15}\,\Phi_{7}^{3}\,\Phi_{3}\,\Phi_{1}$
87105	1349	84	$\frac{1}{14}$	$\frac{2}{21}$	$\frac{13}{84}$	$\frac{1}{3}$	$\Phi_{84}^{19}\,\Phi_{42}^{13}\,\Phi_{28}^{19}\,\Phi_{21}^{14}\,\Phi_{14}^{12}\,\Phi_{12}^{19}\,\Phi_{7}^{13}\,\Phi_{6}^{13}\,\Phi_{4}^{19}\,\Phi_{3}^{13}\,\Phi_{2}^{12}\,\Phi_{1}^{13}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
87106	1349	231	$\frac{6}{77}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{231}^{6}\ \Phi_{77}^{7}\ \Phi_{33}^{6}\ \Phi_{21}\ \Phi_{11}^{7}\ \Phi_{7}\ \Phi_{1}$
87107	1349	1680	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{84}\ \Phi_{80}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
87108	1349	945	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{34}{105}$	$\Phi_{945}^{2}\ \Phi_{189}^{2}\ \Phi_{135}^{2}\ \Phi_{105}\ \Phi_{27}^{3}\ \Phi_{21}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
87109	1349	840	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{34}{105}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{168}^{2}\ \Phi_{140}^{2}\ \Phi_{120}^{2}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{60}^{2}\ \Phi_{56}^{2}\ \Phi_{40}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{3}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
87110	1349	1560	$\frac{3}{104}$	$\frac{211}{1560}$	$\frac{1}{4}$	$\frac{101}{312}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{30}\ \Phi_{26}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
87111	1349	104	$\frac{5}{104}$	$\frac{9}{104}$	$\frac{1}{4}$	$\frac{33}{104}$	$\Phi_{104}^{13}\ \Phi_{52}^{13}\ \Phi_{26}^{13}\ \Phi_{13}^{13}\ \Phi_{8}^{13}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
87112	1349	675	$\frac{4}{75}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{675}^{3}\ \Phi_{135}^{2}\ \Phi_{75}\ \Phi_{27}^{3}\ \Phi_{25}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
87113	1349	756	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{84}$	$\frac{8}{27}$	$\Phi_{756}^{3}\ \Phi_{378}^{2}\ \Phi_{189}^{2}\ \Phi_{108}^{3}\ \Phi_{84}\ \Phi_{54}^{2}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}^{3}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
87114	1349	2079	$\frac{6}{77}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{27}$	$\Phi_{2079}\ \Phi_{297}\ \Phi_{77}\ \Phi_{27}\ \Phi_{11}\ \Phi_{1}$
87115	1349	2160	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{80}$	$\frac{8}{27}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{216}\ \Phi_{108}\ \Phi_{80}\ \Phi_{40}\ \Phi_{27}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
87116	1349	1872	$\frac{3}{104}$	$\frac{101}{624}$	$\frac{1}{4}$	$\frac{523}{1872}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
87117	1349	480	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{120}^{4}\ \Phi_{96}^{3}\ \Phi_{60}^{4}\ \Phi_{48}^{3}\ \Phi_{40}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
87118	1349	1664	$\frac{3}{104}$	$\frac{315}{1664}$	$\frac{101}{416}$	$\frac{1}{4}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{128}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
87119	1349	1560	$\frac{3}{52}$	$\frac{211}{1560}$	$\frac{49}{260}$	$\frac{1}{4}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{24}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
87120	1349	600	$\frac{4}{75}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{600}^{3}\ \Phi_{300}^{3}\ \Phi_{200}^{3}\ \Phi_{120}^{2}\ \Phi_{100}^{3}\ \Phi_{75}\ \Phi_{60}^{2}\ \Phi_{40}^{2}\ \Phi_{25}\ \Phi_{24}^{3}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
87121	1349	168	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{168}^{10}\ \Phi_{84}^{5}\ \Phi_{56}^{10}\ \Phi_{42}^{7}\ \Phi_{28}^{5}\ \Phi_{24}^{11}\ \Phi_{21}^{7}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{8}^{11}\ \Phi_{7}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
87122	1349	1848	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{77}\ \Phi_{44}\ \Phi_{24}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
87123	1349	240	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{240}^{6}\ \Phi_{120}^{4}\ \Phi_{80}^{7}\ \Phi_{60}^{4}\ \Phi_{48}^{6}\ \Phi_{40}^{5}\ \Phi_{30}^{6}\ \Phi_{24}^{5}\ \Phi_{20}^{5}\ \Phi_{16}^{7}\ \Phi_{15}^{6}\ \Phi_{12}^{5}\ \Phi_{10}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
87124	1350	2152	$\frac{1}{269}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{134}{269}$	$\Phi_{2152}\ \Phi_{269}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
87125	1350	2240	$\frac{1}{224}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{223}{448}$	$\Phi_{2240}\ \Phi_{448}^{2}\ \Phi_{320}\ \Phi_{64}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
87126	1350	1344	$\frac{1}{224}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{223}{448}$	$\Phi_{1344}^{3}\ \Phi_{192}^{3}\ \Phi_{12}\ \Phi_{6}$
87127	1350	2384	$\frac{1}{149}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{74}{149}$	$\Phi_{2384}\ \Phi_{149}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
87128	1350	596	$\frac{1}{149}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{74}{149}$	$\Phi_{596}^{2}\ \Phi_{298}^{2}\ \Phi_{149}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
87129	1350	2412	$\frac{1}{134}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{133}{268}$	$\Phi_{2412}\ \Phi_{804}\ \Phi_{268}^{2}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
87130	1350	804	$\frac{1}{134}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{133}{268}$	$\Phi_{804}^{3}\ \Phi_{268}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
87131	1350	1349	$\frac{13}{1349}$	$\frac{227}{1349}$	$\frac{374}{1349}$	$\frac{668}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87132	1350	1804	$\frac{5}{451}$	$\frac{76}{451}$	$\frac{1}{4}$	$\frac{223}{451}$	$\Phi_{1804}\ \Phi_{902}\ \Phi_{164}\ \Phi_{82}\ \Phi_{44}\ \Phi_{22}$
87133	1350	2492	$\frac{1}{89}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{44}{89}$	$\Phi_{2492}\ \Phi_{356}\ \Phi_{89}\ \Phi_{28}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
87134	1350	623	$\frac{1}{89}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{44}{89}$	$\Phi_{623}^{2}\ \Phi_{89}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
87135	1350	1068	$\frac{1}{89}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{44}{89}$	$\Phi_{1068}^{2}\ \Phi_{534}\ \Phi_{356}\ \Phi_{267}\ \Phi_{89}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
87136	1350	2516	$\frac{1}{74}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{73}{148}$	$\Phi_{2516}\ \Phi_{148}^{2}\ \Phi_{68}\ \Phi_{17}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
87137	1350	2220	$\frac{1}{74}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{73}{148}$	$\Phi_{2220}^{2}\ \Phi_{444}\ \Phi_{60}^{2}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
87138	1350	2516	$\frac{1}{74}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{73}{148}$	$\Phi_{2516}\ \Phi_{148}^{2}\ \Phi_{68}\ \Phi_{17}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
87139	1350	1036	$\frac{1}{74}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{73}{148}$	$\Phi_{1036}\ \Phi_{518}^{2}\ \Phi_{259}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
87140	1350	142	$\frac{1}{71}$	$\frac{4}{71}$	$\frac{67}{142}$	$\frac{35}{71}$	$\Phi_{142}^{18}\ \Phi_{71}\ \Phi_{2}^{18}\ \Phi_{1}^{2}$
87141	1350	284	$\frac{1}{71}$	$\frac{12}{71}$	$\frac{59}{284}$	$\frac{35}{71}$	$\Phi_{284}^{6}\ \Phi_{142}^{6}\ \Phi_{71}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
87142	1350	266	$\frac{2}{133}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{131}{266}$	$\Phi_{266}^{10}\ \Phi_{38}^{10}\ \Phi_{19}\ \Phi_{14}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{2}$
87143	1350	1349	$\frac{21}{1349}$	$\frac{137}{1349}$	$\frac{404}{1349}$	$\frac{664}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87144	1350	1326	$\frac{4}{221}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{217}{442}$	$\Phi_{1326}^{3}\ \Phi_{102}^{3}\ \Phi_{78}^{3}\ \Phi_{39}\ \Phi_{6}^{3}$
87145	1350	1626	$\frac{5}{271}$	$\frac{1}{6}$	$\frac{46}{271}$	$\frac{133}{271}$	$\Phi_{1626}\ \Phi_{813}\ \Phi_{542}$
87146	1350	1349	$\frac{25}{1349}$	$\frac{224}{1349}$	$\frac{229}{1349}$	$\frac{662}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87147	1350	2544	$\frac{1}{53}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{26}{53}$	$\Phi_{2544}\ \Phi_{848}\ \Phi_{53}\ \Phi_{48}^{2}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
87148	1350	1431	$\frac{1}{53}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{1431}\ \Phi_{477}\ \Phi_{53}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
87149	1350	1908	$\frac{1}{53}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{26}{53}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{477}\ \Phi_{53}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
87150	1350	1484	$\frac{1}{53}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{26}{53}$	$\Phi_{1484}\ \Phi_{742}\ \Phi_{371}\ \Phi_{53}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
87151	1350	1696	$\frac{1}{53}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{26}{53}$	$\Phi_{1696}\ \Phi_{848}\ \Phi_{53}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
87152	1350	318	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{26}{53}$	$\Phi_{318}^{4}\ \Phi_{159}^{4}\ \Phi_{106}^{4}\ \Phi_{53}^{5}\ \Phi_{6}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
87153	1350	2184	$\frac{1}{52}$	$\frac{53}{728}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{273}\ \Phi_{168}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
87154	1350	1804	$\frac{9}{451}$	$\frac{46}{451}$	$\frac{1}{4}$	$\frac{221}{451}$	$\Phi_{1804}\ \Phi_{902}\ \Phi_{164}\ \Phi_{82}\ \Phi_{44}\ \Phi_{22}$
87155	1350	2548	$\frac{1}{49}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{24}{49}$	$\Phi_{2548}\ \Phi_{364}\ \Phi_{196}\ \Phi_{52}^{2}\ \Phi_{49}\ \Phi_{28}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
87156	1350	637	$\frac{1}{49}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{24}{49}$	$\Phi_{637}^{2}\ \Phi_{91}^{2}\ \Phi_{49}^{3}\ \Phi_{13}^{4}\ \Phi_{7}^{3}\ \Phi_{1}^{6}$
87157	1350	980	$\frac{1}{49}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{24}{49}$	$\Phi_{980}^{2}\ \Phi_{490}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}^{2}\ \Phi_{70}\ \Phi_{49}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}^{4}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
87158	1350	2552	$\frac{1}{44}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{43}{88}$	$\Phi_{2552}\ \Phi_{232}\ \Phi_{88}^{2}\ \Phi_{29}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
87159	1350	528	$\frac{1}{44}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{528}^{4}\ \Phi_{264}^{3}\ \Phi_{132}^{4}\ \Phi_{66}^{4}\ \Phi_{48}^{5}\ \Phi_{33}^{4}\ \Phi_{24}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
87160	1350	2552	$\frac{1}{44}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{43}{88}$	$\Phi_{2552}\ \Phi_{232}\ \Phi_{88}^{2}\ \Phi_{29}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
87161	1350	88	$\frac{1}{44}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{43}{88}$	$\Phi_{88}^{30}\ \Phi_{44}\ \Phi_{22}\ \Phi_{8}^{30}$
87162	1350	2552	$\frac{1}{44}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{43}{88}$	$\Phi_{2552}\ \Phi_{232}\ \Phi_{88}^{2}\ \Phi_{29}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
87163	1350	1848	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{43}{88}$	$\Phi_{1848}^{2}\ \Phi_{616}\ \Phi_{168}^{2}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
87164	1350	164	$\frac{1}{41}$	$\frac{7}{82}$	$\frac{1}{4}$	$\frac{20}{41}$	$\Phi_{164}^{11}\ \Phi_{82}^{5}\ \Phi_{41}^{6}\ \Phi_{4}^{10}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
87165	1350	1349	$\frac{37}{1349}$	$\frac{77}{1349}$	$\frac{424}{1349}$	$\frac{656}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87166	1350	437	$\frac{13}{437}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{212}{437}$	$\Phi_{437}^{3}\ \Phi_{23}^{3}\ \Phi_{19}^{5}\ \Phi_{1}^{6}$
87167	1350	1349	$\frac{41}{1349}$	$\frac{139}{1349}$	$\frac{242}{1349}$	$\frac{654}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87168	1350	1510	$\frac{5}{151}$	$\frac{1}{10}$	$\frac{26}{151}$	$\frac{73}{151}$	$\Phi_{1510}\ \Phi_{755}\ \Phi_{302}$
87169	1350	1626	$\frac{9}{271}$	$\frac{28}{271}$	$\frac{1}{6}$	$\frac{131}{271}$	$\Phi_{1626}\ \Phi_{813}\ \Phi_{542}$
87170	1350	638	$\frac{1}{29}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{14}{29}$	$\Phi_{638}^{2}\ \Phi_{319}^{2}\ \Phi_{58}^{2}\ \Phi_{29}^{3}\ \Phi_{22}^{4}\ \Phi_{11}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
87171	1350	464	$\frac{1}{29}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{464}^{3}\ \Phi_{232}^{3}\ \Phi_{116}^{2}\ \Phi_{58}^{2}\ \Phi_{29}^{3}\ \Phi_{16}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
87172	1350	319	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{14}{29}$	$\Phi_{319}^{4}\ \Phi_{29}^{5}\ \Phi_{11}^{8}\ \Phi_{1}^{10}$
87173	1350	870	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{14}{29}$	$\Phi_{870}^{2}\ \Phi_{435}^{2}\ \Phi_{290}\ \Phi_{174}\ \Phi_{145}\ \Phi_{87}\ \Phi_{30}^{4}\ \Phi_{29}\ \Phi_{15}^{4}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
87174	1350	1349	$\frac{49}{1349}$	$\frac{124}{1349}$	$\frac{233}{1349}$	$\frac{650}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87175	1350	1804	$\frac{17}{451}$	$\frac{26}{451}$	$\frac{1}{4}$	$\frac{217}{451}$	$\Phi_{1804}\ \Phi_{902}\ \Phi_{164}\ \Phi_{82}\ \Phi_{44}\ \Phi_{22}$
87176	1350	156	$\frac{1}{26}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{156}^{25}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}^{25}\ \Phi_{6}$
87177	1350	2548	$\frac{1}{26}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{25}{52}$	$\Phi_{2548}\ \Phi_{364}\ \Phi_{196}\ \Phi_{52}^{2}\ \Phi_{49}\ \Phi_{28}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
87178	1350	1716	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{25}{52}$	$\Phi_{1716}^2\ \Phi_{572}\ \Phi_{132}^2\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
87179	1350	364	$\frac{1}{26}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{52}$	$\Phi_{364}^3\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{52}^4\ \Phi_{28}^5\ \Phi_{26}^4\ \Phi_{14}^6\ \Phi_{13}^4\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
87180	1350	304	$\frac{3}{76}$	$\frac{1}{19}$	$\frac{79}{304}$	$\frac{73}{152}$	$\Phi_{304}^6\ \Phi_{76}^6\ \Phi_{38}^6\ \Phi_{19}^5\ \Phi_{16}^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
87181	1350	336	$\frac{1}{28}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{336}^8\ \Phi_{112}^8\ \Phi_{84}\ \Phi_{48}^6\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}^6\ \Phi_{12}\ \Phi_6$
87182	1350	2544	$\frac{2}{53}$	$\frac{1}{24}$	$\frac{17}{53}$	$\frac{23}{48}$	$\Phi_{2544}\ \Phi_{848}\ \Phi_{53}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_1^2$
87183	1350	912	$\frac{1}{24}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{912}^3\ \Phi_{304}^3\ \Phi_{76}\ \Phi_{38}$
87184	1350	2544	$\frac{1}{24}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{23}{48}$	$\Phi_{2544}\ \Phi_{848}\ \Phi_{53}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_1^2$
87185	1350	1680	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{23}{48}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}\ \Phi_{112}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
87186	1350	1292	$\frac{29}{646}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{617}{1292}$	$\Phi_{1292}^2\ \Phi_{76}^2\ \Phi_{68}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
87187	1350	1349	$\frac{47}{1349}$	$\frac{61}{1349}$	$\frac{434}{1349}$	$\frac{644}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_1^2$
87188	1350	266	$\frac{1}{19}$	$\frac{10}{133}$	$\frac{41}{266}$	$\frac{9}{19}$	$\Phi_{266}^6\ \Phi_{133}^4\ \Phi_{38}^6\ \Phi_{19}^5\ \Phi_{14}^6\ \Phi_7^4\ \Phi_2^6\ \Phi_1^6$
87189	1350	152	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{17}{152}$	$\frac{9}{19}$	$\Phi_{152}^{10}\ \Phi_{76}^{10}\ \Phi_{38}^{10}\ \Phi_{19}\ \Phi_8^{10}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^2$
87190	1350	1349	$\frac{73}{1349}$	$\frac{79}{1349}$	$\frac{254}{1349}$	$\frac{638}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_1^2$
87191	1350	2816	$\frac{7}{128}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{121}{256}$	$\Phi_{2816}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
87192	1350	1456	$\frac{5}{91}$	$\frac{1}{16}$	$\frac{16}{91}$	$\frac{43}{91}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{208}\ \Phi_{182}\ \Phi_{112}\ \Phi_{104}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$
87193	1350	142	$\frac{3}{71}$	$\frac{4}{71}$	$\frac{17}{71}$	$\frac{67}{142}$	$\Phi_{142}^{18}\ \Phi_{71}\ \Phi_2^{18}\ \Phi_1^2$
87194	1350	142	$\frac{4}{71}$	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{67}{142}$	$\Phi_{142}^{18}\ \Phi_{71}\ \Phi_2^{18}\ \Phi_1^2$
87195	1350	629	$\frac{1}{37}$	$\frac{1}{17}$	$\frac{12}{37}$	$\frac{8}{17}$	$\Phi_{629}^2\ \Phi_{37}^4\ \Phi_{17}^3\ \Phi_1^6$
87196	1350	476	$\frac{1}{28}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{476}^3\ \Phi_{238}^3\ \Phi_{119}^3\ \Phi_{68}^3\ \Phi_{34}\ \Phi_{28}^2\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
87197	1350	884	$\frac{1}{26}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{884}^2\ \Phi_{442}\ \Phi_{221}\ \Phi_{68}\ \Phi_{52}^4\ \Phi_{26}^2\ \Phi_{17}\ \Phi_{13}^2\ \Phi_4^2\ \Phi_1^2$
87198	1350	629	$\frac{2}{37}$	$\frac{1}{17}$	$\frac{7}{37}$	$\frac{8}{17}$	$\Phi_{629}^2\ \Phi_{37}^4\ \Phi_{17}^3\ \Phi_1^6$
87199	1350	816	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}\ \Phi_{204}^2\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{17}\ \Phi_{16}^2\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
87200	1350	1510	$\frac{9}{151}$	$\frac{1}{10}$	$\frac{16}{151}$	$\frac{71}{151}$	$\Phi_{1510}\ \Phi_{755}\ \Phi_{302}$
87201	1350	1349	$\frac{81}{1349}$	$\frac{134}{1349}$	$\frac{143}{1349}$	$\frac{634}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_1^2$
87202	1350	1626	$\frac{16}{271}$	$\frac{17}{271}$	$\frac{1}{6}$	$\frac{127}{271}$	$\Phi_{1626}\ \Phi_{813}\ \Phi_{542}$
87203	1350	1349	$\frac{74}{1349}$	$\frac{85}{1349}$	$\frac{239}{1349}$	$\frac{632}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_1^2$
87204	1350	1804	$\frac{16}{451}$	$\frac{29}{451}$	$\frac{1}{4}$	$\frac{211}{451}$	$\Phi_{1804}\ \Phi_{902}\ \Phi_{164}\ \Phi_{82}\ \Phi_{44}\ \Phi_{22}$
87205	1350	1932	$\frac{1}{46}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{1932}^2\ \Phi_{276}^2\ \Phi_{138}\ \Phi_{84}\ \Phi_{69}\ \Phi_{12}\ \Phi_6$
87206	1350	2492	$\frac{2}{89}$	$\frac{1}{14}$	$\frac{29}{89}$	$\frac{13}{28}$	$\Phi_{2492}\ \Phi_{356}\ \Phi_{89}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
87207	1350	868	$\frac{1}{31}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{868}\ \Phi_{434}^2\ \Phi_{217}^2\ \Phi_{124}^2\ \Phi_{62}^3\ \Phi_{31}^2$
87208	1350	2492	$\frac{4}{89}$	$\frac{1}{14}$	$\frac{17}{89}$	$\frac{13}{28}$	$\Phi_{2492}\ \Phi_{356}\ \Phi_{89}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
87209	1350	1596	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{1596}^2\ \Phi_{532}\ \Phi_{228}^2\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
87210	1350	2492	$\frac{5}{89}$	$\frac{1}{14}$	$\frac{14}{89}$	$\frac{13}{28}$	$\Phi_{2492}\ \Phi_{356}\ \Phi_{89}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
87211	1350	112	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{112}^{13}\ \Phi_{56}^{13}\ \Phi_{28}^7\ \Phi_{16}^{12}\ \Phi_{14}^{13}\ \Phi_8^{12}\ \Phi_7^{12}\ \Phi_4^6\ \Phi_2^{12}\ \Phi_1^{12}$
87212	1350	2492	$\frac{1}{14}$	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{13}{28}$	$\Phi_{2492}\ \Phi_{356}\ \Phi_{89}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
87213	1350	1540	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{13}{28}$	$\Phi_{1540}^2\ \Phi_{308}\ \Phi_{220}^2\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
87214	1350	1349	$\frac{29}{1349}$	$\frac{101}{1349}$	$\frac{440}{1349}$	$\frac{624}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_1^2$
87215	1350	418	$\frac{1}{19}$	$\frac{16}{209}$	$\frac{3}{19}$	$\frac{193}{418}$	$\Phi_{418}^6\ \Phi_{38}^6\ \Phi_{22}^6\ \Phi_{19}^5\ \Phi_2^6\ \Phi_1^6$
87216	1350	208	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{6}{13}$	$\Phi_{208}^7\ \Phi_{104}^7\ \Phi_{52}^5\ \Phi_{26}^5\ \Phi_{16}^6\ \Phi_{13}^6\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
87217	1350	650	$\frac{1}{26}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{650}^2\ \Phi_{325}^2\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{26}^2\ \Phi_{25}^2\ \Phi_{13}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_1^2$
87218	1350	1248	$\frac{1}{52}$	$\frac{17}{208}$	$\frac{1}{3}$	$\frac{191}{416}$	$\Phi_{1248}^3\ \Phi_{156}\ \Phi_{96}^3\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
87219	1350	1349	$\frac{49}{1349}$	$\frac{121}{1349}$	$\frac{260}{1349}$	$\frac{614}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_1^2$
87220	1350	308	$\frac{2}{77}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{308}^6\ \Phi_{154}^6\ \Phi_{44}^5\ \Phi_{28}^6\ \Phi_{22}^5\ \Phi_{14}^6\ \Phi_4^4\ \Phi_2^4$
87221	1350	286	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{286}^5\ \Phi_{143}^5\ \Phi_{26}^4\ \Phi_{22}^5\ \Phi_{13}^4\ \Phi_2^4$
87222	1350	164	$\frac{1}{41}$	$\frac{4}{41}$	$\frac{1}{4}$	$\frac{37}{82}$	$\Phi_{164}^{11}\ \Phi_{82}\ \Phi_{41}^{10}\ \Phi_4^{10}\ \Phi_1^{10}$
87223	1350	1456	$\frac{1}{16}$	$\frac{9}{91}$	$\frac{10}{91}$	$\frac{41}{91}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{208}\ \Phi_{182}\ \Phi_{112}\ \Phi_{104}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$
87224	1350	1349	$\frac{80}{1349}$	$\frac{141}{1349}$	$\frac{149}{1349}$	$\frac{604}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_1^2$
87225	1350	1626	$\frac{10}{271}$	$\frac{29}{271}$	$\frac{1}{6}$	$\frac{121}{271}$	$\Phi_{1626}\ \Phi_{813}\ \Phi_{542}$
87226	1350	1349	$\frac{44}{1349}$	$\frac{145}{1349}$	$\frac{249}{1349}$	$\frac{602}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_1^2$
87227	1350	1804	$\frac{10}{451}$	$\frac{49}{451}$	$\frac{1}{4}$	$\frac{201}{451}$	$\Phi_{1804}\ \Phi_{902}\ \Phi_{164}\ \Phi_{82}\ \Phi_{44}\ \Phi_{22}$
87228	1350	1216	$\frac{1}{19}$	$\frac{67}{608}$	$\frac{9}{76}$	$\frac{541}{1216}$	$\Phi_{1216}^2\ \Phi_{76}^2\ \Phi_{64}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
87229	1350	603	$\frac{1}{67}$	$\frac{1}{9}$	$\frac{22}{67}$	$\frac{4}{9}$	$\Phi_{603}^2\ \Phi_{201}^2\ \Phi_{67}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^6$
87230	1350	828	$\frac{1}{46}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{828}^2\ \Phi_{414}\ \Phi_{276}^2\ \Phi_{207}\ \Phi_{138}\ \Phi_{92}^4\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{36}\ \Phi_{23}^2\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
87231	1350	603	$\frac{2}{67}$	$\frac{1}{9}$	$\frac{13}{67}$	$\frac{4}{9}$	$\Phi_{603}^2\ \Phi_{201}^2\ \Phi_{67}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^6$
87232	1350	252	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{252}^5\ \Phi_{126}^5\ \Phi_{84}^7\ \Phi_{63}^5\ \Phi_{42}^7\ \Phi_{36}^5\ \Phi_{28}^6\ \Phi_{21}^7\ \Phi_{18}^2\ \Phi_{14}^6\ \Phi_{12}^7\ \Phi_9^3\ \Phi_7^6\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
87233	1350	603	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{603}^2\ \Phi_{201}^2\ \Phi_{67}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^6$
87234	1350	720	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}\ \Phi_{120}^2\ \Phi_{90}\ \Phi_{80}^4\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}^4\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^4\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_9\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
87235	1350	152	$\frac{1}{19}$	$\frac{17}{152}$	$\frac{9}{76}$	$\frac{67}{152}$	$\Phi_{152}^8\ \Phi_{76}^{10}\ \Phi_{38}^{10}\ \Phi_{19}^9\ \Phi_8^8\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{10}$
87236	1350	912	$\frac{1}{76}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{912}^4\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}^3\ \Phi_{12}\ \Phi_6$
87237	1350	2384	$\frac{2}{149}$	$\frac{1}{8}$	$\frac{49}{149}$	$\frac{7}{16}$	$\Phi_{2384}\ \Phi_{149}\ \Phi_{16}^2\ \Phi_1^2$
87238	1350	816	$\frac{1}{51}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{816}^3\ \Phi_{272}^3\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{48}^3\ \Phi_{34}\ \Phi_{12}\ \Phi_6$
87239	1350	2384	$\frac{4}{149}$	$\frac{1}{8}$	$\frac{29}{149}$	$\frac{7}{16}$	$\Phi_{2384}\ \Phi_{149}\ \Phi_{16}^2\ \Phi_1^2$
87240	1350	1488	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{1488}^2\ \Phi_{496}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
87241	1350	2384	$\frac{5}{149}$	$\frac{1}{8}$	$\frac{24}{149}$	$\frac{7}{16}$	$\Phi_{2384}\ \Phi_{149}\ \Phi_{16}^2\ \Phi_1^2$
87242	1350	1456	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{1456}^2\ \Phi_{182}\ \Phi_{112}\ \Phi_{91}\ \Phi_{14}$
87243	1350	2384	$\frac{9}{149}$	$\frac{14}{149}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2384}\ \Phi_{149}\ \Phi_{16}^2\ \Phi_1^2$
87244	1350	176	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{176}^8\ \Phi_{88}^9\ \Phi_{44}^9\ \Phi_{22}^9\ \Phi_{11}^8$
87245	1350	142	$\frac{7}{142}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{31}{71}$	$\Phi_{142}^{10}\ \Phi_{71}^9\ \Phi_2^{10}\ \Phi_1^{10}$
87246	1350	133	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{17}{133}$	$\frac{58}{133}$	$\Phi_{133}^9\ \Phi_{19}^{17}\ \Phi_7^9\ \Phi_1^{18}$
87247	1350	1349	$\frac{17}{1349}$	$\frac{181}{1349}$	$\frac{444}{1349}$	$\frac{584}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_1^2$
87248	1350	2618	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{16}{119}$	$\frac{103}{238}$	$\Phi_{2618}\ \Phi_{374}\ \Phi_{187}\ \Phi_{154}\ \Phi_{22}$
87249	1350	784	$\frac{1}{16}$	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{784}^2\ \Phi_{392}^2\ \Phi_{196}^2\ \Phi_{112}\ \Phi_{98}^2\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
87250	1350	208	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{26}$	$\Phi_{208}^7\ \Phi_{104}^7\ \Phi_{52}^7\ \Phi_{26}\ \Phi_{16}^6\ \Phi_{13}^6\ \Phi_8^6\ \Phi_4^6\ \Phi_1^6$
87251	1350	1349	$\frac{29}{1349}$	$\frac{217}{1349}$	$\frac{264}{1349}$	$\frac{566}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_1^2$
87252	1350	1426	$\frac{1}{46}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{1426}\ \Phi_{713}\ \Phi_{62}$
87253	1350	476	$\frac{1}{28}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{476}^3\ \Phi_{238}^3\ \Phi_{119}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
87254	1350	1349	$\frac{53}{1349}$	$\frac{144}{1349}$	$\frac{241}{1349}$	$\frac{554}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_1^2$
87255	1350	142	$\frac{7}{142}$	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{29}{71}$	$\Phi_{142}^{10}\ \Phi_{71}^{9}\ \Phi_2^{10}\ \Phi_1^{10}$
87256	1350	76	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{7}{38}$	$\frac{31}{76}$	$\Phi_{76}^{30}\ \Phi_{38}^{6}\ \Phi_{19}^{5}\ \Phi_4^{30}\ \Phi_2^{6}\ \Phi_1^{6}$
87257	1350	1456	$\frac{1}{16}$	$\frac{6}{91}$	$\frac{17}{91}$	$\frac{37}{91}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{208}\ \Phi_{182}\ \Phi_{112}\ \Phi_{104}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$
87258	1350	1349	$\frac{84}{1349}$	$\frac{89}{1349}$	$\frac{253}{1349}$	$\frac{548}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_1^2$
87259	1350	1136	$\frac{1}{71}$	$\frac{107}{568}$	$\frac{35}{142}$	$\frac{461}{1136}$	$\Phi_{1136}^2\ \Phi_{142}^2\ \Phi_{71}\ \Phi_{16}^2\ \Phi_2^2\ \Phi_1^2$
87260	1350	1510	$\frac{6}{151}$	$\frac{1}{10}$	$\frac{29}{151}$	$\frac{61}{151}$	$\Phi_{1510}\ \Phi_{755}\ \Phi_{302}$
87261	1350	1349	$\frac{44}{1349}$	$\frac{161}{1349}$	$\frac{261}{1349}$	$\frac{544}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_1^2$
87262	1350	1626	$\frac{6}{271}$	$\frac{1}{6}$	$\frac{53}{271}$	$\frac{109}{271}$	$\Phi_{1626}\ \Phi_{813}\ \Phi_{542}$
87263	1350	1349	$\frac{24}{1349}$	$\frac{265}{1349}$	$\frac{269}{1349}$	$\frac{542}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_1^2$
87264	1350	1804	$\frac{6}{451}$	$\frac{89}{451}$	$\frac{1}{4}$	$\frac{181}{451}$	$\Phi_{1804}\ \Phi_{902}\ \Phi_{164}\ \Phi_{82}\ \Phi_{44}\ \Phi_{22}$
87265	1350	560	$\frac{1}{112}$	$\frac{1}{5}$	$\frac{37}{112}$	$\frac{2}{5}$	$\Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}^4\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{56}^4\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}^4\ \Phi_{20}^2\ \Phi_{16}^4\ \Phi_{14}^4\ \Phi_{10}^2\ \Phi_8^4\ \Phi_7^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
87266	1350	380	$\frac{1}{76}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{380}^3\ \Phi_{190}^3\ \Phi_{95}^3\ \Phi_{76}^6\ \Phi_{38}^6\ \Phi_{20}^2\ \Phi_{19}^6\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
87267	1350	280	$\frac{1}{56}$	$\frac{11}{56}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^8\ \Phi_{40}^4\ \Phi_{35}^4\ \Phi_{28}^8\ \Phi_{20}^4\ \Phi_{14}^8\ \Phi_{10}^4\ \Phi_8^8\ \Phi_7^8\ \Phi_5^5\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{10}$
87268	1350	690	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{230}\ \Phi_{138}^4\ \Phi_{115}\ \Phi_{69}^4\ \Phi_{46}^2\ \Phi_{30}\ \Phi_{23}^2\ \Phi_{15}\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
87269	1350	385	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{385}^3\ \Phi_{77}^6\ \Phi_{55}^3\ \Phi_{35}^2\ \Phi_{11}^6\ \Phi_7^4\ \Phi_5^3\ \Phi_1^6$
87270	1350	1160	$\frac{7}{232}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{232}^2\ \Phi_{145}\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_5\ \Phi_1^2$
87271	1350	1280	$\frac{1}{32}$	$\frac{31}{256}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}^2\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_5\ \Phi_1^2$
87272	1350	140	$\frac{1}{28}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{140}^8\ \Phi_{70}^8\ \Phi_{35}^8\ \Phi_{28}^{16}\ \Phi_{20}^8\ \Phi_{14}^{16}\ \Phi_{10}^8\ \Phi_7^{16}\ \Phi_5^9\ \Phi_4^{16}\ \Phi_2^{16}\ \Phi_1^{18}$
87273	1350	130	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{130}^{11}\ \Phi_{65}^{11}\ \Phi_{26}^{10}\ \Phi_{13}^{10}\ \Phi_{10}^5\ \Phi_5^6\ \Phi_2^4\ \Phi_1^6$
87274	1350	1190	$\frac{13}{238}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{238}^2\ \Phi_{170}\ \Phi_{119}^2\ \Phi_{85}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_5\ \Phi_1^2$
87275	1350	80	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{80}^{14}\ \Phi_{40}^{14}\ \Phi_{20}^{14}\ \Phi_{16}^{28}\ \Phi_{10}^{14}\ \Phi_8^{28}\ \Phi_5^{15}\ \Phi_4^{28}\ \Phi_2^{28}\ \Phi_1^{30}$
87276	1350	1349	$\frac{11}{1349}$	$\frac{301}{1349}$	$\frac{446}{1349}$	$\frac{524}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_1^2$
87277	1350	572	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{572}^4\ \Phi_{286}\ \Phi_{143}\ \Phi_{52}^4\ \Phi_{44}^2\ \Phi_{22}\ \Phi_4^2$
87278	1350	284	$\frac{1}{71}$	$\frac{59}{284}$	$\frac{35}{142}$	$\frac{107}{284}$	$\Phi_{284}^4\ \Phi_{142}^6\ \Phi_{71}^5\ \Phi_4^4\ \Phi_2^6\ \Phi_1^6$
87279	1350	408	$\frac{1}{136}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{408}^5\ \Phi_{204}^5\ \Phi_{102}^5\ \Phi_{51}^5\ \Phi_{24}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
87280	1350	2152	$\frac{2}{269}$	$\frac{1}{4}$	$\frac{89}{269}$	$\frac{3}{8}$	$\Phi_{2152}\ \Phi_{269}\ \Phi_8^2\ \Phi_1^2$
87281	1350	728	$\frac{1}{91}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{728}^3\ \Phi_{364}\ \Phi_{182}\ \Phi_{104}^3\ \Phi_{56}^3\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$
87282	1350	2152	$\frac{4}{269}$	$\frac{53}{269}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2152}\ \Phi_{269}\ \Phi_8^2\ \Phi_1^2$
87283	1350	1320	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1320}^2\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}^2\ \Phi_{165}\ \Phi_{120}^2\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{10}$
87284	1350	2152	$\frac{5}{269}$	$\frac{44}{269}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2152}\ \Phi_{269}\ \Phi_8^2\ \Phi_1^2$
87285	1350	1632	$\frac{1}{51}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{272}\ \Phi_{204}\ \Phi_{102}\ \Phi_{96}\ \Phi_{68}\ \Phi_{48}\ \Phi_{34}\ \Phi_{12}\ \Phi_6$
87286	1350	1288	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1288}^2\ \Phi_{322}\ \Phi_{161}\ \Phi_{56}\ \Phi_{14}$
87287	1350	2152	$\frac{8}{269}$	$\frac{29}{269}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2152}\ \Phi_{269}\ \Phi_8^2\ \Phi_1^2$
87288	1350	1240	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1240}^2\ \Phi_{310}\ \Phi_{248}\ \Phi_{155}\ \Phi_{62}$
87289	1350	2152	$\frac{9}{269}$	$\frac{26}{269}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2152}\ \Phi_{269}\ \Phi_8^2\ \Phi_1^2$
87290	1350	616	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}^4\ \Phi_{308}\ \Phi_{154}\ \Phi_{88}^3\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
87291	1350	2152	$\frac{14}{269}$	$\frac{17}{269}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2152}\ \Phi_{269}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
87292	1350	304	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{304}^{5}\ \Phi_{152}^{4}\ \Phi_{76}^{5}\ \Phi_{38}^{5}\ \Phi_{19}^{4}$
87293	1350	76	$\frac{1}{76}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{76}^{18}\ \Phi_{38}^{18}\ \Phi_{19}^{17}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
87294	1350	71	$\frac{1}{71}$	$\frac{14}{71}$	$\frac{19}{71}$	$\frac{26}{71}$	$\Phi_{71}^{19}\ \Phi_{1}^{20}$
87295	1350	714	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{714}^{3}\ \Phi_{357}\ \Phi_{238}^{3}\ \Phi_{119}\ \Phi_{102}^{3}\ \Phi_{42}^{3}\ \Phi_{34}^{3}\ \Phi_{21}\ \Phi_{6}^{3}$
87296	1350	1426	$\frac{1}{46}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{1426}\ \Phi_{713}\ \Phi_{62}$
87297	1350	1349	$\frac{35}{1349}$	$\frac{146}{1349}$	$\frac{401}{1349}$	$\frac{474}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87298	1350	1430	$\frac{1}{26}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{1430}\ \Phi_{715}\ \Phi_{286}\ \Phi_{143}\ \Phi_{130}\ \Phi_{110}\ \Phi_{65}\ \Phi_{22}\ \Phi_{10}$
87299	1350	1349	$\frac{59}{1349}$	$\frac{86}{1349}$	$\frac{421}{1349}$	$\frac{464}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87300	1350	38	$\frac{1}{19}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{38}^{54}\ \Phi_{19}^{17}\ \Phi_{2}^{54}\ \Phi_{1}^{18}$
87301	1350	1456	$\frac{4}{91}$	$\frac{1}{16}$	$\frac{29}{91}$	$\frac{31}{91}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{208}\ \Phi_{182}\ \Phi_{112}\ \Phi_{104}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$
87302	1350	1349	$\frac{50}{1349}$	$\frac{99}{1349}$	$\frac{433}{1349}$	$\frac{458}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87303	1350	748	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{11}{34}$	$\frac{23}{68}$	$\Phi_{748}^{3}\ \Phi_{374}\ \Phi_{187}\ \Phi_{44}^{3}\ \Phi_{22}$
87304	1350	1510	$\frac{4}{151}$	$\frac{1}{10}$	$\frac{49}{151}$	$\frac{51}{151}$	$\Phi_{1510}\ \Phi_{755}\ \Phi_{302}$
87305	1350	1349	$\frac{26}{1349}$	$\frac{179}{1349}$	$\frac{441}{1349}$	$\frac{454}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87306	1350	1626	$\frac{4}{271}$	$\frac{1}{6}$	$\frac{89}{271}$	$\frac{91}{271}$	$\Phi_{1626}\ \Phi_{813}\ \Phi_{542}$
87307	1350	1349	$\frac{14}{1349}$	$\frac{299}{1349}$	$\frac{445}{1349}$	$\frac{452}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87308	1350	1804	$\frac{4}{451}$	$\frac{1}{4}$	$\frac{149}{451}$	$\frac{151}{451}$	$\Phi_{1804}\ \Phi_{902}\ \Phi_{164}\ \Phi_{82}\ \Phi_{44}\ \Phi_{22}$
87309	1350	1014	$\frac{1}{169}$	$\frac{56}{169}$	$\frac{1}{3}$	$\frac{113}{338}$	$\Phi_{1014}^{3}\ \Phi_{507}\ \Phi_{78}^{3}\ \Phi_{39}\ \Phi_{6}^{3}$
87310	1350	756	$\frac{1}{28}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{756}^{2}\ \Phi_{378}^{2}\ \Phi_{252}^{2}\ \Phi_{189}^{2}\ \Phi_{126}^{2}\ \Phi_{108}^{2}\ \Phi_{84}\ \Phi_{63}^{2}\ \Phi_{54}^{2}\ \Phi_{42}\ \Phi_{36}^{2}\ \Phi_{21}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{6}$
87311	1350	336	$\frac{1}{112}$	$\frac{1}{4}$	$\frac{37}{112}$	$\frac{1}{3}$	$\Phi_{336}^{6}\ \Phi_{168}^{6}\ \Phi_{84}^{6}\ \Phi_{48}^{6}\ \Phi_{42}^{6}\ \Phi_{24}^{6}\ \Phi_{21}^{6}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
87312	1350	2028	$\frac{7}{676}$	$\frac{151}{676}$	$\frac{223}{676}$	$\frac{1}{3}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{507}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_{6}$
87313	1350	402	$\frac{1}{67}$	$\frac{1}{6}$	$\frac{22}{67}$	$\frac{1}{3}$	$\Phi_{402}^{4}\ \Phi_{201}^{2}\ \Phi_{134}^{4}\ \Phi_{67}^{4}\ \Phi_{6}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
87314	1350	156	$\frac{1}{52}$	$\frac{7}{52}$	$\frac{17}{52}$	$\frac{1}{3}$	$\Phi_{156}^{13}\ \Phi_{78}^{13}\ \Phi_{39}^{13}\ \Phi_{12}^{13}\ \Phi_{6}^{13}\ \Phi_{3}^{12}$
87315	1350	1110	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{12}{37}$	$\frac{1}{3}$	$\Phi_{1110}^{2}\ \Phi_{555}^{2}\ \Phi_{222}^{2}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{6}^{3}$
87316	1350	2028	$\frac{25}{676}$	$\frac{51}{676}$	$\frac{217}{676}$	$\frac{1}{3}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{507}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_{6}$
87317	1350	1431	$\frac{2}{53}$	$\frac{2}{27}$	$\frac{17}{53}$	$\frac{1}{3}$	$\Phi_{1431}\ \Phi_{477}\ \Phi_{53}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
87318	1350	528	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{528}^{4}\ \Phi_{264}^{4}\ \Phi_{132}^{4}\ \Phi_{66}^{2}\ \Phi_{48}^{5}\ \Phi_{33}^{2}\ \Phi_{24}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
87319	1350	2028	$\frac{31}{676}$	$\frac{43}{676}$	$\frac{211}{676}$	$\frac{1}{3}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{507}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_{6}$
87320	1350	78	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{78}^{27}\ \Phi_{39}^{25}\ \Phi_{6}^{27}\ \Phi_{3}^{24}$
87321	1350	252	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{252}^{8}\ \Phi_{126}^{8}\ \Phi_{84}\ \Phi_{63}^{8}\ \Phi_{42}\ \Phi_{36}^{6}\ \Phi_{21}\ \Phi_{18}^{6}\ \Phi_{12}\ \Phi_{9}^{6}\ \Phi_{6}$
87322	1350	2028	$\frac{19}{676}$	$\frac{73}{676}$	$\frac{201}{676}$	$\frac{1}{3}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{507}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_{6}$
87323	1350	966	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{966}^{2}\ \Phi_{483}^{2}\ \Phi_{138}^{3}\ \Phi_{69}^{3}\ \Phi_{42}^{2}\ \Phi_{6}^{3}$
87324	1350	312	$\frac{1}{52}$	$\frac{17}{104}$	$\frac{29}{104}$	$\frac{1}{3}$	$\Phi_{312}^{6}\ \Phi_{156}^{7}\ \Phi_{78}^{7}\ \Phi_{39}^{7}\ \Phi_{24}^{6}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
87325	1350	2028	$\frac{11}{676}$	$\frac{133}{676}$	$\frac{181}{676}$	$\frac{1}{3}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{507}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_{6}$
87326	1350	228	$\frac{1}{76}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^{9}\ \Phi_{114}^{9}\ \Phi_{57}^{9}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
87327	1350	2688	$\frac{3}{224}$	$\frac{221}{896}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{384}\ \Phi_{192}\ \Phi_{12}\ \Phi_{6}$
87328	1350	168	$\frac{1}{56}$	$\frac{11}{56}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^{12}\ \Phi_{84}^{12}\ \Phi_{42}^{12}\ \Phi_{24}^{12}\ \Phi_{21}^{12}\ \Phi_{12}^{13}\ \Phi_{6}^{13}\ \Phi_{3}^{12}$
87329	1350	2064	$\frac{13}{688}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{516}\ \Phi_{258}\ \Phi_{129}\ \Phi_{12}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
87330	1350	276	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{276}^{6}\ \Phi_{138}^{3}\ \Phi_{92}^{8}\ \Phi_{69}^{3}\ \Phi_{46}^{4}\ \Phi_{23}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
87331	1350	924	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^{3}\ \Phi_{462}^{3}\ \Phi_{132}^{3}\ \Phi_{84}^{2}\ \Phi_{66}^{3}\ \Phi_{42}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
87332	1350	2352	$\frac{3}{112}$	$\frac{109}{784}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{294}\ \Phi_{147}\ \Phi_{12}\ \Phi_{6}$
87333	1350	696	$\frac{7}{232}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{696}^{3}\ \Phi_{348}^{3}\ \Phi_{174}^{3}\ \Phi_{87}^{3}\ \Phi_{12}\ \Phi_{6}$
87334	1350	768	$\frac{1}{32}$	$\frac{31}{256}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{768}^{3}\ \Phi_{384}^{3}\ \Phi_{192}^{3}\ \Phi_{12}\ \Phi_{6}$
87335	1350	84	$\frac{1}{28}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^{24}\ \Phi_{42}^{24}\ \Phi_{21}^{24}\ \Phi_{12}^{25}\ \Phi_{6}^{25}\ \Phi_{3}^{24}$
87336	1350	780	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^{4}\ \Phi_{390}^{2}\ \Phi_{195}^{2}\ \Phi_{156}^{2}\ \Phi_{78}\ \Phi_{60}^{2}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
87337	1350	2112	$\frac{29}{704}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_{6}$
87338	1350	2052	$\frac{1}{19}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{342}\ \Phi_{76}\ \Phi_{38}$
87339	1350	2184	$\frac{3}{56}$	$\frac{53}{728}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_{6}$
87340	1350	1428	$\frac{13}{238}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1428}^{2}\ \Phi_{714}\ \Phi_{357}\ \Phi_{204}^{2}\ \Phi_{102}\ \Phi_{51}\ \Phi_{12}\ \Phi_{6}$
87341	1350	48	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{48}^{42}\ \Phi_{24}^{42}\ \Phi_{12}^{43}\ \Phi_{6}^{43}\ \Phi_{3}^{42}$
87342	1350	2496	$\frac{1}{52}$	$\frac{157}{832}$	$\frac{51}{208}$	$\frac{1}{3}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{192}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_{6}$
87343	1350	2652	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{209}{884}$	$\frac{1}{3}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{204}\ \Phi_{156}\ \Phi_{102}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_{6}$
87344	1350	672	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{672}^{4}\ \Phi_{336}^{4}\ \Phi_{96}^{3}\ \Phi_{84}\ \Phi_{48}^{3}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
87345	1350	402	$\frac{2}{67}$	$\frac{1}{6}$	$\frac{13}{67}$	$\frac{1}{3}$	$\Phi_{402}^{4}\ \Phi_{201}^{2}\ \Phi_{134}^{4}\ \Phi_{67}^{4}\ \Phi_{6}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
87346	1350	2028	$\frac{21}{676}$	$\frac{109}{676}$	$\frac{131}{676}$	$\frac{1}{3}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{507}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_{6}$
87347	1350	156	$\frac{1}{26}$	$\frac{7}{52}$	$\frac{5}{26}$	$\frac{1}{3}$	$\Phi_{156}^{15}\ \Phi_{78}^{11}\ \Phi_{39}^{11}\ \Phi_{12}^{15}\ \Phi_{6}^{11}\ \Phi_{3}^{10}$
87348	1350	1110	$\frac{2}{37}$	$\frac{1}{10}$	$\frac{7}{37}$	$\frac{1}{3}$	$\Phi_{1110}^{2}\ \Phi_{555}^{2}\ \Phi_{222}^{2}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{6}^{3}$
87349	1350	2028	$\frac{41}{676}$	$\frac{61}{676}$	$\frac{127}{676}$	$\frac{1}{3}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{507}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_{6}$
87350	1350	528	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{528}^{4}\ \Phi_{264}^{4}\ \Phi_{132}^{4}\ \Phi_{66}^{4}\ \Phi_{48}^{5}\ \Phi_{24}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{5}$
87351	1350	2028	$\frac{37}{676}$	$\frac{71}{676}$	$\frac{121}{676}$	$\frac{1}{3}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{507}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_{6}$
87352	1350	84	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{84}^{17}\ \Phi_{42}^{17}\ \Phi_{28}^{16}\ \Phi_{21}^{17}\ \Phi_{14}^{16}\ \Phi_{12}^{17}\ \Phi_{7}^{16}\ \Phi_{6}^{9}\ \Phi_{4}^{16}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
87353	1350	402	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{402}^{4}\ \Phi_{201}^{2}\ \Phi_{134}^{4}\ \Phi_{67}^{4}\ \Phi_{6}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
87354	1350	240	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{240}^{6}\ \Phi_{120}^{6}\ \Phi_{80}^{8}\ \Phi_{60}^{6}\ \Phi_{48}^{3}\ \Phi_{40}^{8}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{8}\ \Phi_{16}^{4}\ \Phi_{15}^{3}\ \Phi_{12}^{3}$ $\Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
87355	1350	1431	$\frac{2}{27}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{3}$	$\Phi_{1431}\ \Phi_{477}\ \Phi_{53}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
87356	1350	1890	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{126}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
87357	1350	596	$\frac{2}{149}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{49}{149}$	$\Phi_{596}^{2}\ \Phi_{298}^{2}\ \Phi_{149}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
87358	1350	1349	$\frac{20}{1349}$	$\frac{302}{1349}$	$\frac{349}{1349}$	$\frac{443}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87359	1350	1804	$\frac{7}{451}$	$\frac{101}{451}$	$\frac{1}{4}$	$\frac{148}{451}$	$\Phi_{1804}\ \Phi_{902}\ \Phi_{164}\ \Phi_{82}\ \Phi_{44}\ \Phi_{22}$
87360	1350	623	$\frac{2}{89}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{29}{89}$	$\Phi_{623}^{2}\ \Phi_{89}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
87361	1350	1068	$\frac{2}{89}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{29}{89}$	$\Phi_{1068}^{2}\ \Phi_{534}\ \Phi_{356}\ \Phi_{267}\ \Phi_{89}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
87362	1350	1349	$\frac{32}{1349}$	$\frac{182}{1349}$	$\frac{389}{1349}$	$\frac{439}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87363	1350	1626	$\frac{7}{271}$	$\frac{1}{6}$	$\frac{61}{271}$	$\frac{88}{271}$	$\Phi_{1626}\ \Phi_{813}\ \Phi_{542}$
87364	1350	629	$\frac{1}{37}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{12}{37}$	$\Phi_{629}^{2}\ \Phi_{37}^{4}\ \Phi_{17}^{3}\ \Phi_{1}^{6}$
87365	1350	1036	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{12}{37}$	$\Phi_{1036}^{2}\ \Phi_{518}^{2}\ \Phi_{28}^{3}\ \Phi_{14}^{3}$
87366	1350	71	$\frac{2}{71}$	$\frac{8}{71}$	$\frac{21}{71}$	$\frac{23}{71}$	$\Phi_{71}^{19}\ \Phi_{1}^{20}$
87367	1350	71	$\frac{2}{71}$	$\frac{11}{71}$	$\frac{16}{71}$	$\frac{23}{71}$	$\Phi_{71}^{19}\ \Phi_{1}^{20}$
87368	1350	1804	$\frac{13}{451}$	$\frac{61}{451}$	$\frac{1}{4}$	$\frac{146}{451}$	$\Phi_{1804}\ \Phi_{902}\ \Phi_{164}\ \Phi_{82}\ \Phi_{44}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
87369	1350	1582	$\frac{7}{226}$	$\frac{1}{7}$	$\frac{51}{226}$	$\frac{73}{226}$	$\Phi_{1582}\ \Phi_{791}\ \Phi_{14}$
87370	1350	1349	$\frac{47}{1349}$	$\frac{174}{1349}$	$\frac{305}{1349}$	$\frac{434}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87371	1350	1804	$\frac{16}{451}$	$\frac{51}{451}$	$\frac{1}{4}$	$\frac{145}{451}$	$\Phi_{1804}\ \Phi_{902}\ \Phi_{164}\ \Phi_{82}\ \Phi_{44}\ \Phi_{22}$
87372	1350	1908	$\frac{2}{53}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{17}{53}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{477}\ \Phi_{53}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
87373	1350	1484	$\frac{2}{53}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{17}{53}$	$\Phi_{1484}\ \Phi_{742}\ \Phi_{371}\ \Phi_{53}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
87374	1350	1696	$\frac{2}{53}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{17}{53}$	$\Phi_{1696}\ \Phi_{848}\ \Phi_{53}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
87375	1350	318	$\frac{2}{53}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{17}{53}$	$\Phi_{318}^{4}\ \Phi_{159}^{4}\ \Phi_{106}^{4}\ \Phi_{53}^{5}\ \Phi_{6}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
87376	1350	638	$\frac{1}{22}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{7}{22}$	$\Phi_{638}^{2}\ \Phi_{319}^{2}\ \Phi_{58}^{2}\ \Phi_{29}^{3}\ \Phi_{22}^{4}\ \Phi_{11}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
87377	1350	44	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{7}{22}$	$\Phi_{44}^{41}\ \Phi_{22}^{21}\ \Phi_{11}^{20}\ \Phi_{4}^{40}\ \Phi_{2}^{20}\ \Phi_{1}^{20}$
87378	1350	638	$\frac{1}{22}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{7}{22}$	$\Phi_{638}^{2}\ \Phi_{319}^{2}\ \Phi_{58}^{2}\ \Phi_{29}^{3}\ \Phi_{22}^{4}\ \Phi_{11}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
87379	1350	462	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{7}{22}$	$\Phi_{462}^{4}\ \Phi_{231}^{4}\ \Phi_{154}^{2}\ \Phi_{77}^{2}\ \Phi_{42}^{5}\ \Phi_{21}^{5}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
87380	1350	1349	$\frac{62}{1349}$	$\frac{92}{1349}$	$\frac{419}{1349}$	$\frac{429}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87381	1350	1349	$\frac{62}{1349}$	$\frac{184}{1349}$	$\frac{233}{1349}$	$\frac{429}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87382	1350	1626	$\frac{13}{271}$	$\frac{37}{271}$	$\frac{1}{6}$	$\frac{86}{271}$	$\Phi_{1626}\ \Phi_{813}\ \Phi_{542}$
87383	1350	164	$\frac{2}{41}$	$\frac{7}{82}$	$\frac{1}{4}$	$\frac{13}{41}$	$\Phi_{164}^{11}\ \Phi_{82}^{5}\ \Phi_{41}^{6}\ \Phi_{4}^{10}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
87384	1350	1496	$\frac{7}{136}$	$\frac{1}{11}$	$\frac{31}{136}$	$\frac{43}{136}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{374}\ \Phi_{187}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
87385	1350	1349	$\frac{74}{1349}$	$\frac{154}{1349}$	$\frac{239}{1349}$	$\frac{425}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87386	1350	1349	$\frac{77}{1349}$	$\frac{185}{1349}$	$\frac{194}{1349}$	$\frac{424}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87387	1350	1582	$\frac{13}{226}$	$\frac{31}{226}$	$\frac{1}{7}$	$\frac{71}{226}$	$\Phi_{1582}\ \Phi_{791}\ \Phi_{14}$
87388	1350	1626	$\frac{16}{271}$	$\frac{31}{271}$	$\frac{1}{6}$	$\frac{85}{271}$	$\Phi_{1626}\ \Phi_{813}\ \Phi_{542}$
87389	1350	1349	$\frac{83}{1349}$	$\frac{104}{1349}$	$\frac{309}{1349}$	$\frac{422}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87390	1350	1804	$\frac{28}{451}$	$\frac{31}{451}$	$\frac{1}{4}$	$\frac{141}{451}$	$\Phi_{1804}\ \Phi_{902}\ \Phi_{164}\ \Phi_{82}\ \Phi_{44}\ \Phi_{22}$
87391	1350	464	$\frac{1}{16}$	$\frac{2}{29}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{464}^{3}\ \Phi_{232}^{3}\ \Phi_{116}^{2}\ \Phi_{58}^{2}\ \Phi_{29}^{3}\ \Phi_{16}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
87392	1350	319	$\frac{2}{29}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{29}$	$\Phi_{319}^{4}\ \Phi_{29}^{5}\ \Phi_{11}^{8}\ \Phi_{1}^{10}$
87393	1350	870	$\frac{2}{29}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{29}$	$\Phi_{870}^{2}\ \Phi_{435}^{2}\ \Phi_{290}\ \Phi_{174}\ \Phi_{145}\ \Phi_{87}\ \Phi_{30}^{4}\ \Phi_{29}\ \Phi_{15}^{4}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
87394	1350	208	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{208}^{7}\ \Phi_{104}^{7}\ \Phi_{52}^{7}\ \Phi_{26}^{7}\ \Phi_{16}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
87395	1350	637	$\frac{1}{13}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{4}{13}$	$\Phi_{637}^{2}\ \Phi_{91}^{2}\ \Phi_{49}^{3}\ \Phi_{13}^{4}\ \Phi_{7}^{3}\ \Phi_{1}^{6}$
87396	1350	858	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{4}{13}$	$\Phi_{858}^{2}\ \Phi_{429}^{2}\ \Phi_{286}^{2}\ \Phi_{66}^{3}\ \Phi_{33}^{3}\ \Phi_{22}^{3}$
87397	1350	364	$\frac{1}{13}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{4}{13}$	$\Phi_{364}^{4}\ \Phi_{182}^{4}\ \Phi_{91}^{2}\ \Phi_{52}^{4}\ \Phi_{28}^{6}\ \Phi_{26}^{4}\ \Phi_{14}^{6}\ \Phi_{13}^{4}\ \Phi_{7}^{3}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
87398	1350	1349	$\frac{104}{1349}$	$\frac{110}{1349}$	$\frac{249}{1349}$	$\frac{413}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87399	1350	684	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{684}^{3}\ \Phi_{342}^{3}\ \Phi_{171}^{3}\ \Phi_{76}\ \Phi_{38}$
87400	1350	1908	$\frac{1}{12}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{11}{36}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{477}\ \Phi_{53}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
87401	1350	1260	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{11}{36}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{252}\ \Phi_{126}\ \Phi_{70}\ \Phi_{63}\ \Phi_{35}\ \Phi_{14}$
87402	1350	1510	$\frac{13}{151}$	$\frac{1}{10}$	$\frac{21}{151}$	$\frac{46}{151}$	$\Phi_{1510}\ \Phi_{755}\ \Phi_{302}$
87403	1350	1349	$\frac{94}{1349}$	$\frac{122}{1349}$	$\frac{251}{1349}$	$\frac{409}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87404	1350	1349	$\frac{122}{1349}$	$\frac{129}{1349}$	$\frac{188}{1349}$	$\frac{409}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87405	1350	1626	$\frac{21}{271}$	$\frac{25}{271}$	$\frac{1}{6}$	$\frac{82}{271}$	$\Phi_{1626}\ \Phi_{813}\ \Phi_{542}$
87406	1350	1349	$\frac{69}{1349}$	$\frac{128}{1349}$	$\frac{314}{1349}$	$\frac{407}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87407	1350	1804	$\frac{21}{451}$	$\frac{43}{451}$	$\frac{1}{4}$	$\frac{136}{451}$	$\Phi_{1804}\ \Phi_{902}\ \Phi_{164}\ \Phi_{82}\ \Phi_{44}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
87408	1350	1496	$\frac{1}{11}$	$\frac{13}{136}$	$\frac{19}{136}$	$\frac{41}{136}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{374}\ \Phi_{187}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
87409	1350	1349	$\frac{116}{1349}$	$\frac{137}{1349}$	$\frac{189}{1349}$	$\frac{404}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87410	1350	1626	$\frac{19}{271}$	$\frac{28}{271}$	$\frac{1}{6}$	$\frac{81}{271}$	$\Phi_{1626}\ \Phi_{813}\ \Phi_{542}$
87411	1350	704	$\frac{1}{11}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{19}{64}$	$\Phi_{704}^{2}\ \Phi_{352}^{2}\ \Phi_{176}^{2}\ \Phi_{88}^{3}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{11}^{2}$
87412	1350	884	$\frac{1}{26}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{884}^{2}\ \Phi_{442}\ \Phi_{221}\ \Phi_{68}\ \Phi_{52}^{4}\ \Phi_{26}^{2}\ \Phi_{17}\ \Phi_{13}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
87413	1350	629	$\frac{2}{37}$	$\frac{2}{17}$	$\frac{7}{37}$	$\frac{5}{17}$	$\Phi_{629}^{2}\ \Phi_{37}^{4}\ \Phi_{17}^{3}\ \Phi_{1}^{6}$
87414	1350	816	$\frac{1}{16}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{816}^{2}\ \Phi_{408}^{2}\ \Phi_{272}\ \Phi_{204}^{2}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}^{4}\ \Phi_{24}^{4}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
87415	1350	1430	$\frac{1}{26}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{1430}\ \Phi_{715}\ \Phi_{286}\ \Phi_{143}\ \Phi_{130}\ \Phi_{110}\ \Phi_{65}\ \Phi_{22}\ \Phi_{10}$
87416	1350	1349	$\frac{64}{1349}$	$\frac{182}{1349}$	$\frac{257}{1349}$	$\frac{389}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87417	1350	868	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{868}^{2}\ \Phi_{434}^{2}\ \Phi_{124}^{3}\ \Phi_{62}^{3}$
87418	1350	623	$\frac{4}{89}$	$\frac{1}{7}$	$\frac{17}{89}$	$\frac{2}{7}$	$\Phi_{623}^{2}\ \Phi_{89}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
87419	1350	798	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{798}^{2}\ \Phi_{399}^{2}\ \Phi_{266}^{2}\ \Phi_{114}^{3}\ \Phi_{57}^{3}\ \Phi_{38}^{3}$
87420	1350	623	$\frac{5}{89}$	$\frac{1}{7}$	$\frac{14}{89}$	$\frac{2}{7}$	$\Phi_{623}^{2}\ \Phi_{89}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
87421	1350	112	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{112}^{13}\ \Phi_{56}^{13}\ \Phi_{28}^{13}\ \Phi_{16}^{12}\ \Phi_{14}^{13}\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}$
87422	1350	623	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{623}^{2}\ \Phi_{89}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
87423	1350	770	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{770}^{2}\ \Phi_{385}^{2}\ \Phi_{154}^{2}\ \Phi_{110}^{3}\ \Phi_{55}^{3}\ \Phi_{22}^{3}$
87424	1350	1426	$\frac{1}{31}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{1426}\ \Phi_{713}\ \Phi_{62}$
87425	1350	1349	$\frac{77}{1349}$	$\frac{194}{1349}$	$\frac{212}{1349}$	$\frac{379}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87426	1350	1626	$\frac{13}{271}$	$\frac{43}{271}$	$\frac{1}{6}$	$\frac{76}{271}$	$\Phi_{1626}\ \Phi_{813}\ \Phi_{542}$
87427	1350	650	$\frac{1}{26}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{650}^{2}\ \Phi_{325}^{2}\ \Phi_{130}^{3}\ \Phi_{65}^{3}\ \Phi_{50}^{2}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{10}^{3}\ \Phi_{2}^{2}$
87428	1350	1349	$\frac{41}{1349}$	$\frac{218}{1349}$	$\frac{324}{1349}$	$\frac{377}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87429	1350	1349	$\frac{54}{1349}$	$\frac{218}{1349}$	$\frac{259}{1349}$	$\frac{377}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87430	1350	1804	$\frac{13}{451}$	$\frac{73}{451}$	$\frac{1}{4}$	$\frac{126}{451}$	$\Phi_{1804}\ \Phi_{902}\ \Phi_{164}\ \Phi_{82}\ \Phi_{44}\ \Phi_{22}$
87431	1350	1349	$\frac{65}{1349}$	$\frac{214}{1349}$	$\frac{227}{1349}$	$\frac{374}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87432	1350	76	$\frac{1}{19}$	$\frac{11}{76}$	$\frac{13}{76}$	$\frac{21}{76}$	$\Phi_{76}^{18}\ \Phi_{38}^{18}\ \Phi_{19}^{17}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
87433	1350	1456	$\frac{1}{16}$	$\frac{11}{91}$	$\frac{16}{91}$	$\frac{25}{91}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{208}\ \Phi_{182}\ \Phi_{112}\ \Phi_{104}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$
87434	1350	1349	$\frac{98}{1349}$	$\frac{139}{1349}$	$\frac{242}{1349}$	$\frac{369}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87435	1350	1349	$\frac{109}{1349}$	$\frac{124}{1349}$	$\frac{245}{1349}$	$\frac{368}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87436	1350	1496	$\frac{11}{136}$	$\frac{1}{11}$	$\frac{25}{136}$	$\frac{37}{136}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{374}\ \Phi_{187}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
87437	1350	1510	$\frac{11}{151}$	$\frac{1}{10}$	$\frac{28}{151}$	$\frac{41}{151}$	$\Phi_{1510}\ \Phi_{755}\ \Phi_{302}$
87438	1350	1349	$\frac{79}{1349}$	$\frac{164}{1349}$	$\frac{254}{1349}$	$\frac{365}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87439	1350	1582	$\frac{11}{226}$	$\frac{1}{7}$	$\frac{43}{226}$	$\frac{61}{226}$	$\Phi_{1582}\ \Phi_{791}\ \Phi_{14}$
87440	1350	1349	$\frac{64}{1349}$	$\frac{197}{1349}$	$\frac{257}{1349}$	$\frac{364}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87441	1350	1626	$\frac{11}{271}$	$\frac{1}{6}$	$\frac{52}{271}$	$\frac{73}{271}$	$\Phi_{1626}\ \Phi_{813}\ \Phi_{542}$
87442	1350	1349	$\frac{34}{1349}$	$\frac{263}{1349}$	$\frac{329}{1349}$	$\frac{362}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87443	1350	164	$\frac{1}{41}$	$\frac{8}{41}$	$\frac{1}{4}$	$\frac{11}{41}$	$\Phi_{164}^{11}\ \Phi_{82}^{11}\ \Phi_{4}^{10}\ \Phi_{2}^{10}$
87444	1350	304	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{67}{304}$	$\frac{79}{304}$	$\Phi_{304}^{4}\ \Phi_{152}^{4}\ \Phi_{76}^{6}\ \Phi_{38}^{6}\ \Phi_{19}^{5}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
87445	1350	204	$\frac{1}{51}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{204}^{7}\ \Phi_{102}^{7}\ \Phi_{68}^{7}\ \Phi_{51}^{6}\ \Phi_{34}^{7}\ \Phi_{17}^{6}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
87446	1350	596	$\frac{4}{149}$	$\frac{29}{149}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{596}^{2}\ \Phi_{298}^{2}\ \Phi_{149}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
87447	1350	372	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{372}^{4}\,\Phi_{186}^{5}\,\Phi_{124}^{2}\,\Phi_{93}^{5}\,\Phi_{62}^{3}\,\Phi_{31}^{2}$
87448	1350	596	$\frac{5}{149}$	$\frac{24}{149}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{596}^{2}\,\Phi_{298}^{2}\,\Phi_{149}^{3}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
87449	1350	364	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{364}^{4}\,\Phi_{182}^{5}\,\Phi_{91}^{5}\,\Phi_{28}^{2}\,\Phi_{14}^{3}\,\Phi_{7}^{2}$
87450	1350	532	$\frac{1}{19}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{532}^{3}\,\Phi_{266}^{3}\,\Phi_{133}^{3}\,\Phi_{76}\,\Phi_{38}$
87451	1350	596	$\frac{9}{149}$	$\frac{14}{149}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{596}^{2}\,\Phi_{298}^{2}\,\Phi_{149}^{3}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
87452	1350	176	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{176}^{9}\,\Phi_{88}^{9}\,\Phi_{44}^{7}\,\Phi_{22}^{7}\,\Phi_{11}^{6}$
87453	1350	176	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{41}{176}$	$\frac{1}{4}$	$\Phi_{176}^{10}\,\Phi_{88}^{10}\,\Phi_{44}\,\Phi_{22}\,\Phi_{16}^{10}\,\Phi_{8}^{10}$
87454	1350	484	$\frac{17}{242}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{484}^{4}\,\Phi_{242}^{2}\,\Phi_{121}^{2}\,\Phi_{44}\,\Phi_{22}$
87455	1350	608	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{608}^{3}\,\Phi_{304}^{3}\,\Phi_{76}\,\Phi_{38}$
87456	1350	1068	$\frac{4}{89}$	$\frac{1}{6}$	$\frac{17}{89}$	$\frac{1}{4}$	$\Phi_{1068}^{2}\,\Phi_{534}\,\Phi_{356}\,\Phi_{267}\,\Phi_{89}\,\Phi_{12}^{4}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
87457	1350	1804	$\frac{21}{451}$	$\frac{73}{451}$	$\frac{86}{451}$	$\frac{1}{4}$	$\Phi_{1804}\,\Phi_{902}\,\Phi_{164}\,\Phi_{82}\,\Phi_{44}\,\Phi_{22}$
87458	1350	1036	$\frac{2}{37}$	$\frac{1}{7}$	$\frac{7}{37}$	$\frac{1}{4}$	$\Phi_{1036}^{2}\,\Phi_{518}^{2}\,\Phi_{28}^{3}\,\Phi_{14}^{3}$
87459	1350	1804	$\frac{26}{451}$	$\frac{61}{451}$	$\frac{85}{451}$	$\frac{1}{4}$	$\Phi_{1804}\,\Phi_{902}\,\Phi_{164}\,\Phi_{82}\,\Phi_{44}\,\Phi_{22}$
87460	1350	980	$\frac{4}{49}$	$\frac{1}{10}$	$\frac{9}{49}$	$\frac{1}{4}$	$\Phi_{980}^{2}\,\Phi_{490}\,\Phi_{245}\,\Phi_{196}\,\Phi_{140}^{2}\,\Phi_{70}\,\Phi_{49}\,\Phi_{35}\,\Phi_{28}\,\Phi_{20}^{4}\,\Phi_{10}^{2}\,\Phi_{7}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{1}^{2}$
87461	1350	44	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{4}$	$\Phi_{44}^{41}\,\Phi_{22}^{41}\,\Phi_{4}^{40}\,\Phi_{2}^{40}$
87462	1350	1804	$\frac{37}{451}$	$\frac{46}{451}$	$\frac{81}{451}$	$\frac{1}{4}$	$\Phi_{1804}\,\Phi_{902}\,\Phi_{164}\,\Phi_{82}\,\Phi_{44}\,\Phi_{22}$
87463	1350	464	$\frac{1}{16}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\Phi_{464}^{3}\,\Phi_{232}^{3}\,\Phi_{116}^{2}\,\Phi_{58}^{2}\,\Phi_{29}^{3}\,\Phi_{16}^{6}\,\Phi_{8}^{6}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
87464	1350	1804	$\frac{25}{451}$	$\frac{71}{451}$	$\frac{76}{451}$	$\frac{1}{4}$	$\Phi_{1804}\,\Phi_{902}\,\Phi_{164}\,\Phi_{82}\,\Phi_{44}\,\Phi_{22}$
87465	1350	228	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{228}^{8}\,\Phi_{114}^{4}\,\Phi_{76}^{9}\,\Phi_{57}^{4}\,\Phi_{38}^{5}\,\Phi_{19}^{4}$
87466	1350	1068	$\frac{5}{89}$	$\frac{14}{89}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1068}^{2}\,\Phi_{534}\,\Phi_{356}\,\Phi_{267}\,\Phi_{89}\,\Phi_{12}^{4}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
87467	1350	336	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{336}^{6}\,\Phi_{168}^{6}\,\Phi_{112}^{3}\,\Phi_{84}^{4}\,\Phi_{56}^{3}\,\Phi_{42}^{5}\,\Phi_{28}^{2}\,\Phi_{21}^{5}\,\Phi_{14}^{3}\,\Phi_{7}^{2}$
87468	1350	1068	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1068}^{2}\,\Phi_{534}\,\Phi_{356}\,\Phi_{267}\,\Phi_{89}\,\Phi_{12}^{4}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
87469	1350	660	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{660}^{4}\,\Phi_{330}^{2}\,\Phi_{220}^{2}\,\Phi_{165}^{2}\,\Phi_{132}^{2}\,\Phi_{110}\,\Phi_{66}\,\Phi_{55}\,\Phi_{44}\,\Phi_{33}\,\Phi_{22}$
87470	1350	1484	$\frac{5}{53}$	$\frac{3}{28}$	$\frac{8}{53}$	$\frac{1}{4}$	$\Phi_{1484}\,\Phi_{742}\,\Phi_{371}\,\Phi_{53}\,\Phi_{28}^{2}\,\Phi_{14}^{2}\,\Phi_{7}^{2}\,\Phi_{1}^{2}$
87471	1350	88	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{13}{88}$	$\frac{1}{4}$	$\Phi_{88}^{18}\,\Phi_{44}^{13}\,\Phi_{22}^{13}\,\Phi_{11}^{12}\,\Phi_{8}^{18}\,\Phi_{4}^{12}\,\Phi_{2}^{12}\,\Phi_{1}^{12}$
87472	1350	164	$\frac{7}{82}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{4}$	$\Phi_{164}^{11}\,\Phi_{82}^{5}\,\Phi_{41}^{6}\,\Phi_{4}^{10}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
87473	1350	140	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{140}^{10}\,\Phi_{70}^{11}\,\Phi_{35}^{11}\,\Phi_{28}^{5}\,\Phi_{20}^{12}\,\Phi_{14}^{6}\,\Phi_{10}^{12}\,\Phi_{7}^{5}\,\Phi_{5}^{12}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{6}$
87474	1350	352	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{7}{32}$	$\Phi_{352}^{4}\,\Phi_{176}^{4}\,\Phi_{88}^{5}\,\Phi_{44}^{5}\,\Phi_{22}^{5}\,\Phi_{11}^{4}$
87475	1350	1696	$\frac{5}{53}$	$\frac{1}{8}$	$\frac{8}{53}$	$\frac{7}{32}$	$\Phi_{1696}\,\Phi_{848}\,\Phi_{53}\,\Phi_{32}^{2}\,\Phi_{16}^{2}\,\Phi_{1}^{2}$
87476	1350	1120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{32}$	$\Phi_{1120}^{2}\,\Phi_{560}^{2}\,\Phi_{224}\,\Phi_{112}\,\Phi_{70}\,\Phi_{35}\,\Phi_{14}$
87477	1350	112	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{112}^{13}\,\Phi_{56}^{11}\,\Phi_{28}^{11}\,\Phi_{16}^{12}\,\Phi_{14}^{13}\,\Phi_{8}^{10}\,\Phi_{7}^{12}\,\Phi_{4}^{10}\,\Phi_{2}^{12}\,\Phi_{1}^{12}$
87478	1350	133	$\frac{8}{133}$	$\frac{3}{19}$	$\frac{25}{133}$	$\frac{4}{19}$	$\Phi_{133}^{10}\,\Phi_{19}^{11}\,\Phi_{7}^{10}\,\Phi_{1}^{12}$
87479	1350	133	$\frac{13}{133}$	$\frac{16}{133}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{133}^{10}\,\Phi_{19}^{11}\,\Phi_{7}^{10}\,\Phi_{1}^{12}$
87480	1350	284	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{12}{71}$	$\frac{59}{284}$	$\Phi_{284}^{6}\,\Phi_{142}^{6}\,\Phi_{71}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{2}$
87481	1350	374	$\frac{1}{11}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{34}$	$\Phi_{374}^{5}\,\Phi_{187}^{3}\,\Phi_{22}^{5}\,\Phi_{11}^{2}$
87482	1350	319	$\frac{1}{11}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{2}{11}$	$\Phi_{319}^{4}\,\Phi_{29}^{5}\,\Phi_{11}^{8}\,\Phi_{1}^{10}$
87483	1350	462	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{11}$	$\Phi_{462}^{4}\,\Phi_{231}^{4}\,\Phi_{154}^{4}\,\Phi_{42}^{5}\,\Phi_{21}^{5}\,\Phi_{14}^{5}$
87484	1350	1349	$\frac{124}{1349}$	$\frac{184}{1349}$	$\frac{233}{1349}$	$\frac{245}{1349}$	$\Phi_{1349}\,\Phi_{71}\,\Phi_{19}\,\Phi_{1}^{2}$
87485	1350	1582	$\frac{21}{226}$	$\frac{1}{7}$	$\frac{37}{226}$	$\frac{41}{226}$	$\Phi_{1582}\,\Phi_{791}\,\Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
87486	1350	1349	$\frac{129}{1349}$	$\frac{188}{1349}$	$\frac{221}{1349}$	$\frac{244}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87487	1350	1626	$\frac{26}{271}$	$\frac{37}{271}$	$\frac{1}{6}$	$\frac{49}{271}$	$\Phi_{1626}\ \Phi_{813}\ \Phi_{542}$
87488	1350	870	$\frac{1}{10}$	$\frac{4}{29}$	$\frac{1}{6}$	$\frac{5}{29}$	$\Phi_{870}^{2}\ \Phi_{435}^{2}\ \Phi_{290}\ \Phi_{174}\ \Phi_{145}\ \Phi_{87}\ \Phi_{30}^{4}\ \Phi_{29}\ \Phi_{15}^{4}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
87489	1350	1510	$\frac{1}{10}$	$\frac{21}{151}$	$\frac{25}{151}$	$\frac{26}{151}$	$\Phi_{1510}\ \Phi_{755}\ \Phi_{302}$
87490	1350	1349	$\frac{125}{1349}$	$\frac{204}{1349}$	$\frac{224}{1349}$	$\frac{229}{1349}$	$\Phi_{1349}\ \Phi_{71}\ \Phi_{19}\ \Phi_{1}^{2}$
87491	1350	1626	$\frac{25}{271}$	$\frac{41}{271}$	$\frac{1}{6}$	$\frac{46}{271}$	$\Phi_{1626}\ \Phi_{813}\ \Phi_{542}$
87492	1350	318	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{318}^{4}\ \Phi_{159}^{4}\ \Phi_{106}^{4}\ \Phi_{53}^{5}\ \Phi_{6}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
87493	1350	210	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{210}^{8}\ \Phi_{105}^{8}\ \Phi_{70}^{9}\ \Phi_{42}^{4}\ \Phi_{35}^{9}\ \Phi_{21}^{4}\ \Phi_{14}^{5}\ \Phi_{7}^{4}$
87494	1351	2160	$\frac{1}{270}$	$\frac{271}{1080}$	$\frac{809}{2160}$	$\frac{269}{540}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{108}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{36}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
87495	1351	384	$\frac{1}{192}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{191}{384}$	$\Phi_{384}^{7}\ \Phi_{128}^{7}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
87496	1351	1152	$\frac{1}{192}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{191}{384}$	$\Phi_{1152}^{3}\ \Phi_{384}\ \Phi_{128}\ \Phi_{9}\ \Phi_{1}$
87497	1351	2400	$\frac{1}{150}$	$\frac{151}{1200}$	$\frac{1049}{2400}$	$\frac{149}{300}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{300}\ \Phi_{160}\ \Phi_{100}\ \Phi_{96}\ \Phi_{60}\ \Phi_{32}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
87498	1351	1800	$\frac{1}{150}$	$\frac{449}{1800}$	$\frac{151}{600}$	$\frac{149}{300}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{100}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
87499	1351	2680	$\frac{11}{1340}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1329}{2680}$	$\Phi_{2680}\ \Phi_{536}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
87500	1351	360	$\frac{1}{90}$	$\frac{13}{180}$	$\frac{167}{360}$	$\frac{89}{180}$	$\Phi_{360}^{7}\ \Phi_{180}\ \Phi_{120}^{7}\ \Phi_{72}^{7}\ \Phi_{60}\ \Phi_{40}^{7}\ \Phi_{36}\ \Phi_{24}^{7}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}^{7}\ \Phi_{4}\ \Phi_{1}$
87501	1351	2664	$\frac{19}{1332}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{1313}{2664}$	$\Phi_{2664}\ \Phi_{888}\ \Phi_{296}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
87502	1351	1476	$\frac{2}{123}$	$\frac{125}{1476}$	$\frac{1}{3}$	$\frac{121}{246}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{492}\ \Phi_{369}\ \Phi_{164}\ \Phi_{123}\ \Phi_{41}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
87503	1351	2592	$\frac{1}{54}$	$\frac{55}{1296}$	$\frac{1241}{2592}$	$\frac{53}{108}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{108}\ \Phi_{96}\ \Phi_{36}\ \Phi_{32}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
87504	1351	1944	$\frac{1}{54}$	$\frac{55}{648}$	$\frac{593}{1944}$	$\frac{53}{108}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{108}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
87505	1351	216	$\frac{1}{54}$	$\frac{23}{216}$	$\frac{55}{216}$	$\frac{53}{108}$	$\Phi_{216}^{6}\ \Phi_{108}^{7}\ \Phi_{72}^{6}\ \Phi_{54}^{6}\ \Phi_{36}^{7}\ \Phi_{27}^{6}\ \Phi_{24}^{6}\ \Phi_{18}^{6}\ \Phi_{12}^{7}\ \Phi_{9}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{7}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
87506	1351	1728	$\frac{1}{54}$	$\frac{55}{432}$	$\frac{377}{1728}$	$\frac{53}{108}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
87507	1351	1620	$\frac{1}{54}$	$\frac{269}{1620}$	$\frac{55}{324}$	$\frac{53}{108}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
87508	1351	2600	$\frac{1}{50}$	$\frac{51}{1300}$	$\frac{1249}{2600}$	$\frac{49}{100}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{200}\ \Phi_{104}\ \Phi_{100}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
87509	1351	2640	$\frac{31}{1320}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{1289}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
87510	1351	2640	$\frac{31}{1320}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1289}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{80}\ \Phi_{48}\ \Phi_{33}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
87511	1351	2640	$\frac{31}{1320}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1289}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
87512	1351	1980	$\frac{1}{30}$	$\frac{31}{660}$	$\frac{629}{1980}$	$\frac{29}{60}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{198}\ \Phi_{180}\ \Phi_{99}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
87513	1351	1440	$\frac{1}{30}$	$\frac{89}{1440}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
87514	1351	2592	$\frac{1}{27}$	$\frac{55}{1296}$	$\frac{26}{81}$	$\frac{1241}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{81}\ \Phi_{32}\ \Phi_{1}$
87515	1351	2592	$\frac{55}{1296}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{1241}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
87516	1351	2560	$\frac{71}{1280}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1209}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
87517	1351	1836	$\frac{1}{27}$	$\frac{26}{459}$	$\frac{485}{1836}$	$\frac{433}{918}$	$\Phi_{1836}\ \Phi_{612}\ \Phi_{459}\ \Phi_{204}\ \Phi_{153}\ \Phi_{108}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{17}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
87518	1351	198	$\frac{5}{198}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{198}^{7}\ \Phi_{99}^{7}\ \Phi_{66}^{6}\ \Phi_{33}^{7}\ \Phi_{22}^{6}\ \Phi_{18}^{7}\ \Phi_{11}^{7}\ \Phi_{9}^{7}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
87519	1351	1560	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{209}{1560}$	$\frac{181}{390}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{24}\ \Phi_{20}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
87520	1351	360	$\frac{1}{15}$	$\frac{13}{180}$	$\frac{2}{15}$	$\frac{167}{360}$	$\Phi_{360}^{7}\ \Phi_{120}^{7}\ \Phi_{72}^{7}\ \Phi_{40}^{7}\ \Phi_{24}^{7}\ \Phi_{15}^{6}\ \Phi_{8}^{7}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
87521	1351	2500	$\frac{1}{25}$	$\frac{101}{1250}$	$\frac{24}{125}$	$\frac{1149}{2500}$	$\Phi_{2500}\ \Phi_{500}\ \Phi_{125}\ \Phi_{100}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
87522	1351	1650	$\frac{1}{25}$	$\frac{24}{275}$	$\frac{299}{1650}$	$\frac{251}{550}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{330}\ \Phi_{275}\ \Phi_{165}\ \Phi_{150}\ \Phi_{75}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
87523	1351	2460	$\frac{2}{123}$	$\frac{121}{1230}$	$\frac{1}{3}$	$\frac{1109}{2460}$	$\Phi_{2460}\ \Phi_{820}\ \Phi_{492}\ \Phi_{164}\ \Phi_{123}\ \Phi_{60}\ \Phi_{41}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
87524	1351	1440	$\frac{89}{1440}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{160}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
87525	1351	2400	$\frac{1}{50}$	$\frac{151}{1200}$	$\frac{49}{200}$	$\frac{1049}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{96}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
87526	1351	210	$\frac{1}{15}$	$\frac{17}{210}$	$\frac{2}{15}$	$\frac{13}{30}$	$\Phi_{210}^{7}\ \Phi_{105}^{7}\ \Phi_{70}^{7}\ \Phi_{42}^{7}\ \Phi_{35}^{7}\ \Phi_{21}^{7}\ \Phi_{15}^{6}\ \Phi_{14}^{7}\ \Phi_{7}^{7}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
87527	1351	340	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{23}{170}$	$\frac{147}{340}$	$\Phi_{340}^{7}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}^{7}\ \Phi_{34}\ \Phi_{20}^{7}\ \Phi_{17}\ \Phi_{4}^{7}\ \Phi_{1}$
87528	1351	2340	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{181}{1170}$	$\frac{989}{2340}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{156}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{20}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
87529	1351	780	$\frac{2}{195}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{780}^{3}\ \Phi_{260}^{3}\ \Phi_{195}\ \Phi_{156}^{3}\ \Phi_{65}\ \Phi_{60}^{3}\ \Phi_{52}^{3}\ \Phi_{39}\ \Phi_{20}^{3}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
87530	1351	288	$\frac{1}{96}$	$\frac{1}{6}$	$\frac{95}{288}$	$\frac{5}{12}$	$\Phi_{288}^{7}\ \Phi_{144}^{7}\ \Phi_{72}^{7}\ \Phi_{36}^{7}\ \Phi_{18}^{7}\ \Phi_{12}\ \Phi_{9}^{7}\ \Phi_{4}\ \Phi_{1}$
87531	1351	1368	$\frac{17}{1368}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{72}\ \Phi_{57}\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
87532	1351	588	$\frac{3}{196}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{588}^{2}\ \Phi_{294}^{2}\ \Phi_{196}^{3}\ \Phi_{147}^{2}\ \Phi_{98}^{3}\ \Phi_{84}^{2}\ \Phi_{49}^{3}\ \Phi_{42}^{2}\ \Phi_{28}^{3}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{12}\ \Phi_{7}^{3}\ \Phi_{4}\ \Phi_{1}$
87533	1351	768	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{63}{256}$	$\frac{5}{12}$	$\Phi_{768}^{2}\ \Phi_{384}^{2}\ \Phi_{256}^{3}\ \Phi_{128}^{3}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
87534	1351	240	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{47}{240}$	$\frac{5}{12}$	$\Phi_{240}^{7}\ \Phi_{120}^{7}\ \Phi_{80}^{7}\ \Phi_{60}^{7}\ \Phi_{40}^{7}\ \Phi_{30}^{7}\ \Phi_{20}^{7}\ \Phi_{15}^{7}\ \Phi_{12}\ \Phi_{10}^{7}\ \Phi_{5}^{7}\ \Phi_{4}\ \Phi_{1}$
87535	1351	396	$\frac{5}{198}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{396}^{6}\ \Phi_{198}\ \Phi_{132}^{6}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}^{6}\ \Phi_{36}^{6}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
87536	1351	1392	$\frac{41}{1392}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}\ \Phi_{29}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
87537	1351	672	$\frac{1}{32}$	$\frac{31}{224}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{224}^{3}\ \Phi_{168}^{2}\ \Phi_{112}^{3}\ \Phi_{84}^{2}\ \Phi_{56}^{3}\ \Phi_{42}^{2}\ \Phi_{28}^{3}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{12}\ \Phi_{7}^{3}\ \Phi_{4}\ \Phi_{1}$
87538	1351	600	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{600}^{2}\ \Phi_{300}^{2}\ \Phi_{200}^{3}\ \Phi_{150}^{2}\ \Phi_{120}^{2}\ \Phi_{100}^{3}\ \Phi_{75}^{2}\ \Phi_{60}^{2}\ \Phi_{50}^{3}\ \Phi_{40}^{3}\ \Phi_{30}^{2}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
87539	1351	1536	$\frac{7}{192}$	$\frac{185}{1536}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
87540	1351	216	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{216}^{7}\ \Phi_{108}^{7}\ \Phi_{72}^{7}\ \Phi_{54}^{7}\ \Phi_{36}^{7}\ \Phi_{27}^{7}\ \Phi_{18}^{7}\ \Phi_{12}\ \Phi_{9}^{7}\ \Phi_{4}\ \Phi_{1}$
87541	1351	204	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{204}^{7}\ \Phi_{102}^{7}\ \Phi_{68}^{7}\ \Phi_{51}^{7}\ \Phi_{34}^{7}\ \Phi_{17}^{7}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
87542	1351	1440	$\frac{89}{1440}$	$\frac{7}{96}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
87543	1351	624	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{624}^{2}\ \Phi_{312}^{2}\ \Phi_{208}^{3}\ \Phi_{156}^{2}\ \Phi_{104}^{3}\ \Phi_{78}^{2}\ \Phi_{52}^{3}\ \Phi_{39}^{2}\ \Phi_{26}^{3}\ \Phi_{13}^{3}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
87544	1351	1500	$\frac{1}{25}$	$\frac{149}{1500}$	$\frac{24}{125}$	$\frac{101}{250}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}\ \Phi_{150}\ \Phi_{125}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
87545	1351	2200	$\frac{1}{25}$	$\frac{24}{275}$	$\frac{251}{1100}$	$\frac{849}{2200}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{275}\ \Phi_{200}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
87546	1351	1440	$\frac{1}{18}$	$\frac{89}{1440}$	$\frac{17}{72}$	$\frac{55}{144}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
87547	1351	1600	$\frac{1}{50}$	$\frac{249}{1600}$	$\frac{49}{200}$	$\frac{151}{400}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
87548	1351	2160	$\frac{1}{90}$	$\frac{89}{360}$	$\frac{271}{1080}$	$\frac{809}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
87549	1351	300	$\frac{1}{50}$	$\frac{7}{50}$	$\frac{43}{150}$	$\frac{107}{300}$	$\Phi_{300}^7\ \Phi_{100}^7\ \Phi_{60}^7\ \Phi_{50}^6\ \Phi_{25}^6\ \Phi_{20}^7\ \Phi_{12}^7\ \Phi_{10}^6\ \Phi_5^6\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
87550	1351	2052	$\frac{17}{342}$	$\frac{1}{18}$	$\frac{325}{1026}$	$\frac{701}{2052}$	$\Phi_{2052}\ \Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{108}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{12}\ \Phi_4\ \Phi_1$
87551	1351	1458	$\frac{1}{27}$	$\frac{107}{1458}$	$\frac{26}{81}$	$\frac{55}{162}$	$\Phi_{1458}\ \Phi_{729}\ \Phi_{486}\ \Phi_{243}\ \Phi_{81}\ \Phi_1$
87552	1351	2040	$\frac{9}{340}$	$\frac{1}{10}$	$\frac{331}{1020}$	$\frac{689}{2040}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{68}\ \Phi_{40}\ \Phi_{34}\ \Phi_{24}\ \Phi_{20}\ \Phi_{17}\ \Phi_8\ \Phi_4\ \Phi_1$
87553	1351	585	$\frac{2}{195}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{585}^3\ \Phi_{195}\ \Phi_{117}^3\ \Phi_{65}\ \Phi_{45}^3\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_9\ \Phi_5\ \Phi_1$
87554	1351	288	$\frac{1}{96}$	$\frac{2}{9}$	$\frac{95}{288}$	$\frac{1}{3}$	$\Phi_{288}^4\ \Phi_{144}^4\ \Phi_{96}^6\ \Phi_{72}^4\ \Phi_{48}^6\ \Phi_{36}^4\ \Phi_{32}^6\ \Phi_{24}^6\ \Phi_{18}^4\ \Phi_{16}^6\ \Phi_{12}^6\ \Phi_9^5\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
87555	1351	1980	$\frac{31}{660}$	$\frac{2}{33}$	$\frac{629}{1980}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{198}\ \Phi_{180}\ \Phi_{99}\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
87556	1351	1845	$\frac{2}{123}$	$\frac{121}{615}$	$\frac{494}{1845}$	$\frac{1}{3}$	$\Phi_{1845}\ \Phi_{369}\ \Phi_{123}\ \Phi_{45}\ \Phi_{41}\ \Phi_9\ \Phi_1$
87557	1351	1764	$\frac{3}{196}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{441}\ \Phi_{252}\ \Phi_{196}\ \Phi_{126}\ \Phi_{98}\ \Phi_{63}\ \Phi_{49}\ \Phi_{28}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
87558	1351	2304	$\frac{1}{64}$	$\frac{2}{9}$	$\frac{63}{256}$	$\frac{1}{3}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{256}\ \Phi_{128}\ \Phi_9\ \Phi_1$
87559	1351	1452	$\frac{2}{33}$	$\frac{101}{1452}$	$\frac{31}{132}$	$\frac{1}{3}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{484}\ \Phi_{363}\ \Phi_{242}\ \Phi_{121}\ \Phi_{33}\ \Phi_{11}\ \Phi_1$
87560	1351	720	$\frac{1}{48}$	$\frac{47}{240}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}\ \Phi_{180}^3\ \Phi_{120}\ \Phi_{90}^3\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}^3\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
87561	1351	198	$\frac{5}{198}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{198}^7\ \Phi_{99}^7\ \Phi_{66}^7\ \Phi_{33}^7\ \Phi_{22}^7\ \Phi_{18}^4\ \Phi_{11}^7\ \Phi_9^5\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
87562	1351	2016	$\frac{1}{32}$	$\frac{31}{224}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{252}\ \Phi_{224}\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
87563	1351	1800	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{100}\ \Phi_{90}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
87564	1351	216	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{216}^7\ \Phi_{108}^7\ \Phi_{72}^4\ \Phi_{54}^7\ \Phi_{36}^4\ \Phi_{27}^7\ \Phi_{24}^6\ \Phi_{18}^4\ \Phi_{12}^6\ \Phi_9^5\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
87565	1351	612	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{204}\ \Phi_{153}^3\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_9\ \Phi_1$
87566	1351	1872	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{117}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_9\ \Phi_1$
87567	1351	1485	$\frac{2}{33}$	$\frac{134}{1485}$	$\frac{31}{165}$	$\frac{1}{3}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{135}\ \Phi_{99}\ \Phi_{45}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_9\ \Phi_1$
87568	1351	1650	$\frac{2}{33}$	$\frac{31}{330}$	$\frac{299}{1650}$	$\frac{1}{3}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{275}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{33}\ \Phi_{25}\ \Phi_{11}\ \Phi_1$
87569	1351	1584	$\frac{2}{33}$	$\frac{31}{264}$	$\frac{233}{1584}$	$\frac{1}{3}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{16}\ \Phi_{11}\ \Phi_9\ \Phi_1$
87570	1351	1944	$\frac{1}{27}$	$\frac{55}{648}$	$\frac{593}{1944}$	$\frac{26}{81}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{81}\ \Phi_1$
87571	1351	1620	$\frac{1}{27}$	$\frac{269}{1620}$	$\frac{55}{324}$	$\frac{26}{81}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
87572	1351	1755	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{404}{1755}$	$\frac{181}{585}$	$\Phi_{1755}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}\ \Phi_{65}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_1$
87573	1351	1944	$\frac{1}{18}$	$\frac{55}{648}$	$\frac{17}{72}$	$\frac{593}{1944}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
87574	1351	1920	$\frac{1}{10}$	$\frac{71}{640}$	$\frac{9}{80}$	$\frac{569}{1920}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
87575	1351	225	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{32}{225}$	$\frac{13}{45}$	$\Phi_{225}^7\ \Phi_{75}^7\ \Phi_{25}^7\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^6\ \Phi_1^7$
87576	1351	270	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{77}{270}$	$\Phi_{270}^7\ \Phi_{135}^7\ \Phi_{54}^7\ \Phi_{27}^7\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^6\ \Phi_1^7$
87577	1351	1875	$\frac{1}{25}$	$\frac{101}{625}$	$\frac{24}{125}$	$\frac{524}{1875}$	$\Phi_{1875}\ \Phi_{375}\ \Phi_{125}\ \Phi_{75}\ \Phi_{15}\ \Phi_3\ \Phi_1$
87578	1351	1440	$\frac{89}{1440}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
87579	1351	216	$\frac{1}{18}$	$\frac{23}{216}$	$\frac{17}{72}$	$\frac{55}{216}$	$\Phi_{216}^6\ \Phi_{108}^6\ \Phi_{72}^7\ \Phi_{54}^6\ \Phi_{36}^7\ \Phi_{27}^6\ \Phi_{24}^7\ \Phi_{18}^6\ \Phi_{12}^7\ \Phi_9^6\ \Phi_8^7\ \Phi_6^6\ \Phi_4^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
87580	1351	1800	$\frac{1}{50}$	$\frac{49}{200}$	$\frac{449}{1800}$	$\frac{151}{600}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{100}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
87581	1351	1728	$\frac{1}{18}$	$\frac{55}{432}$	$\frac{377}{1728}$	$\frac{17}{72}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
87582	1351	1760	$\frac{31}{440}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{409}{1760}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
87583	1351	1600	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{249}{1600}$	$\frac{71}{320}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
87584	1351	240	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{47}{240}$	$\frac{13}{60}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{80}^7\ \Phi_{48}^7\ \Phi_{40}^7\ \Phi_{24}^7\ \Phi_{16}^7\ \Phi_{15}^6\ \Phi_8^7\ \Phi_5^6\ \Phi_3^6\ \Phi_1^7$
87585	1352	1011	$\frac{1}{337}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{168}{337}$	$\Phi_{1011}\ \Phi_{337}^2\ \Phi_3^2\ \Phi_1^4$
87586	1352	1351	$\frac{5}{1351}$	$\frac{339}{1351}$	$\frac{506}{1351}$	$\frac{673}{1351}$	$\Phi_{1351}\ \Phi_{193}\ \Phi_7\ \Phi_1^2$
87587	1352	2031	$\frac{3}{677}$	$\frac{170}{677}$	$\frac{1}{3}$	$\frac{337}{677}$	Φ_{2031}
87588	1352	579	$\frac{1}{193}$	$\frac{97}{579}$	$\frac{241}{579}$	$\frac{96}{193}$	$\Phi_{579}^2\ \Phi_{193}^3\ \Phi_3^2\ \Phi_1^4$
87589	1352	336	$\frac{1}{168}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{167}{336}$	$\Phi_{336}^8\ \Phi_{112}^8\ \Phi_{48}^8\ \Phi_{16}^8\ \Phi_7\ \Phi_1^2$
87590	1352	1680	$\frac{1}{168}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{167}{336}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{240}^2\ \Phi_{80}^2\ \Phi_{15}$
87591	1352	1130	$\frac{1}{113}$	$\frac{1}{5}$	$\frac{57}{226}$	$\frac{56}{113}$	$\Phi_{1130}^2\ \Phi_{565}\ \Phi_{10}^2$
87592	1352	2472	$\frac{1}{103}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{51}{103}$	$\Phi_{2472}\ \Phi_{824}\ \Phi_{103}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
87593	1352	1545	$\frac{1}{103}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{51}{103}$	$\Phi_{1545}\ \Phi_{515}\ \Phi_{103}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
87594	1352	1854	$\frac{1}{103}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{51}{103}$	$\Phi_{1854}\ \Phi_{927}\ \Phi_{103}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
87595	1352	1648	$\frac{1}{103}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{51}{103}$	$\Phi_{1648}\ \Phi_{824}\ \Phi_{103}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
87596	1352	1275	$\frac{1}{51}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{25}{51}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{255}\ \Phi_{85}\ \Phi_{75}\ \Phi_{51}^2\ \Phi_{25}^2\ \Phi_{17}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
87597	1352	714	$\frac{1}{51}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{102}^2\ \Phi_{42}^3\ \Phi_{34}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^3\ \Phi_2^2$
87598	1352	255	$\frac{1}{51}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{25}{51}$	$\Phi_{255}^5\ \Phi_{85}^5\ \Phi_{51}^6\ \Phi_{17}^6\ \Phi_{15}^7\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
87599	1352	1351	$\frac{27}{1351}$	$\frac{53}{1351}$	$\frac{649}{1351}$	$\frac{662}{1351}$	$\Phi_{1351}\ \Phi_{193}\ \Phi_7\ \Phi_1^2$
87600	1352	990	$\frac{4}{165}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{161}{330}$	$\Phi_{990}^3\ \Phi_{330}^2\ \Phi_{198}^3\ \Phi_{110}^2\ \Phi_{90}^3\ \Phi_{66}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
87601	1352	70	$\frac{1}{35}$	$\frac{1}{14}$	$\frac{9}{35}$	$\frac{17}{35}$	$\Phi_{70}^{21}\ \Phi_{35}^{18}\ \Phi_{14}^{20}\ \Phi_{10}^{21}\ \Phi_7^{17}\ \Phi_5^{18}\ \Phi_2^{20}\ \Phi_1^{18}$
87602	1352	612	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{35}{204}$	$\frac{33}{68}$	$\Phi_{612}^2\ \Phi_{306}^3\ \Phi_{204}\ \Phi_{153}^3\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{36}^2\ \Phi_{34}^2\ \Phi_{18}^3\ \Phi_{17}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
87603	1352	193	$\frac{7}{193}$	$\frac{11}{193}$	$\frac{50}{193}$	$\frac{93}{193}$	$\Phi_{193}^7\ \Phi_1^8$
87604	1352	193	$\frac{7}{193}$	$\frac{24}{193}$	$\frac{25}{193}$	$\frac{93}{193}$	$\Phi_{193}^7\ \Phi_1^8$
87605	1352	2031	$\frac{25}{677}$	$\frac{27}{677}$	$\frac{1}{3}$	$\frac{326}{677}$	Φ_{2031}
87606	1352	675	$\frac{1}{27}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}^2\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{27}^4\ \Phi_{25}^2\ \Phi_{15}\ \Phi_9^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
87607	1352	425	$\frac{1}{25}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{12}{25}$	$\Phi_{425}^3\ \Phi_{85}^3\ \Phi_{25}^4\ \Phi_{17}^6\ \Phi_5^4\ \Phi_1^8$
87608	1352	350	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{350}^4\ \Phi_{175}^4\ \Phi_{70}^5\ \Phi_{50}^4\ \Phi_{35}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_7^4\ \Phi_2^4$
87609	1352	126	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{11}{63}$	$\frac{10}{21}$	$\Phi_{126}^{14}\ \Phi_{63}^{12}\ \Phi_{42}^7\ \Phi_{21}^6\ \Phi_{18}^{14}\ \Phi_{14}^6\ \Phi_9^{12}\ \Phi_7^5\ \Phi_6^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
87610	1352	2880	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{151}{320}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{192}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
87611	1352	1431	$\frac{1}{27}$	$\frac{3}{53}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{1431}\ \Phi_{477}\ \Phi_{159}$
87612	1352	1351	$\frac{55}{1351}$	$\frac{79}{1351}$	$\frac{324}{1351}$	$\frac{636}{1351}$	$\Phi_{1351}\ \Phi_{193}\ \Phi_7\ \Phi_1^2$
87613	1352	98	$\frac{3}{49}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{23}{49}$	$\Phi_{98}^{14}\ \Phi_{49}^{12}\ \Phi_{14}^{20}\ \Phi_7^{17}\ \Phi_2^{20}\ \Phi_1^{18}$
87614	1352	210	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{2}{15}$	$\frac{7}{15}$	$\Phi_{210}^7\ \Phi_{105}^7\ \Phi_{70}^7\ \Phi_{42}^7\ \Phi_{35}^7\ \Phi_{30}^7\ \Phi_{21}^7\ \Phi_{14}^6\ \Phi_{10}^7\ \Phi_7^6\ \Phi_6^7\ \Phi_2^6$
87615	1352	1351	$\frac{90}{1351}$	$\frac{97}{1351}$	$\frac{181}{1351}$	$\frac{627}{1351}$	$\Phi_{1351}\ \Phi_{193}\ \Phi_7\ \Phi_1^2$
87616	1352	1695	$\frac{14}{339}$	$\frac{25}{339}$	$\frac{1}{5}$	$\frac{157}{339}$	$\Phi_{1695}\ \Phi_{565}\ \Phi_{15}$
87617	1352	1351	$\frac{38}{1351}$	$\frac{101}{1351}$	$\frac{363}{1351}$	$\frac{625}{1351}$	$\Phi_{1351}\ \Phi_{193}\ \Phi_7\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
87618	1352	2031	$\frac{14}{677}$	$\frac{51}{677}$	$\frac{1}{3}$	$\frac{313}{677}$	Φ_{2031}
87619	1352	1272	$\frac{1}{53}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{1272}^2\ \Phi_{424}^2\ \Phi_{159}$
87620	1352	2472	$\frac{3}{103}$	$\frac{1}{12}$	$\frac{25}{103}$	$\frac{11}{24}$	$\Phi_{2472}\ \Phi_{824}\ \Phi_{103}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
87621	1352	1080	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{1080}^3\ \Phi_{360}^3\ \Phi_{135}\ \Phi_{120}^2\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{15}$
87622	1352	2472	$\frac{7}{103}$	$\frac{1}{12}$	$\frac{12}{103}$	$\frac{11}{24}$	$\Phi_{2472}\ \Phi_{824}\ \Phi_{103}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
87623	1352	504	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{24}$	$\Phi_{504}^6\ \Phi_{168}^4\ \Phi_{126}\ \Phi_{72}^3\ \Phi_{63}\ \Phi_{56}^4\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}\ \Phi_8^2\ \Phi_6$
87624	1352	180	$\frac{11}{180}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{180}^7\ \Phi_{90}^8\ \Phi_{60}^7\ \Phi_{45}^8\ \Phi_{36}^7\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{18}^8\ \Phi_{15}^8\ \Phi_{12}^7\ \Phi_{10}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_5^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
87625	1352	306	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{1}{9}$	$\frac{137}{306}$	$\Phi_{306}^8\ \Phi_{153}\ \Phi_{102}^8\ \Phi_{51}\ \Phi_{34}^8\ \Phi_{18}^8\ \Phi_6^8\ \Phi_2^8$
87626	1352	954	$\frac{1}{53}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{954}^2\ \Phi_{477}\ \Phi_{318}^2\ \Phi_{159}\ \Phi_{106}^2$
87627	1352	1197	$\frac{2}{171}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{171}^2\ \Phi_{133}\ \Phi_{63}\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
87628	1352	252	$\frac{1}{84}$	$\frac{1}{7}$	$\frac{83}{252}$	$\frac{3}{7}$	$\Phi_{252}^8\ \Phi_{126}^8\ \Phi_{63}^8\ \Phi_{36}^8\ \Phi_{18}^8\ \Phi_9^8\ \Phi_7\ \Phi_1^2$
87629	1352	343	$\frac{5}{343}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{343}^4\ \Phi_{49}^4\ \Phi_7\ \Phi_1^2$
87630	1352	1204	$\frac{3}{172}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1204}\ \Phi_{602}\ \Phi_{301}\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_7\ \Phi_1^2$
87631	1352	224	$\frac{1}{56}$	$\frac{1}{7}$	$\frac{55}{224}$	$\frac{3}{7}$	$\Phi_{224}^8\ \Phi_{112}^8\ \Phi_{32}^8\ \Phi_{16}^8\ \Phi_7\ \Phi_1^2$
87632	1352	210	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{41}{210}$	$\frac{3}{7}$	$\Phi_{210}^8\ \Phi_{105}^8\ \Phi_{70}^8\ \Phi_{35}^8\ \Phi_{30}^8\ \Phi_{15}^8\ \Phi_{10}^8\ \Phi_7\ \Phi_5^8\ \Phi_1^2$
87633	1352	693	$\frac{17}{693}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}^2\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
87634	1352	1218	$\frac{5}{174}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{406}\ \Phi_{203}\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_7\ \Phi_1^2$
87635	1352	175	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{175}^8\ \Phi_{35}^8\ \Phi_{25}^8\ \Phi_7\ \Phi_5^8\ \Phi_1^2$
87636	1352	196	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{196}^8\ \Phi_{98}^8\ \Phi_{49}^8\ \Phi_7\ \Phi_1^2$
87637	1352	1232	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{176}^2\ \Phi_{154}\ \Phi_{112}\ \Phi_{88}^2\ \Phi_{77}\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_1^2$
87638	1352	1344	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}^2\ \Phi_{112}\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_7\ \Phi_1^2$
87639	1352	189	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{189}^8\ \Phi_{63}^8\ \Phi_{27}^8\ \Phi_9^8\ \Phi_7\ \Phi_1^2$
87640	1352	357	$\frac{19}{357}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{357}^4\ \Phi_{119}^4\ \Phi_{51}^4\ \Phi_{17}^4\ \Phi_7\ \Phi_1^2$
87641	1352	1260	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
87642	1352	14	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{14}^{96}\ \Phi_7^{97}\ \Phi_2^{96}\ \Phi_1^{98}$
87643	1352	630	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{7}{45}$	$\frac{19}{45}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^3\ \Phi_{126}^2\ \Phi_{105}^3\ \Phi_{90}^2\ \Phi_{70}^3\ \Phi_{63}^2\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_2^2$
87644	1352	770	$\frac{3}{55}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}^2\ \Phi_{70}\ \Phi_{35}\ \Phi_{22}^2\ \Phi_{10}$
87645	1352	1351	$\frac{64}{1351}$	$\frac{99}{1351}$	$\frac{313}{1351}$	$\frac{519}{1351}$	$\Phi_{1351}\ \Phi_{193}\ \Phi_7\ \Phi_1^2$
87646	1352	42	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{5}{21}$	$\frac{8}{21}$	$\Phi_{42}^{35}\ \Phi_{21}^{30}\ \Phi_{14}^{34}\ \Phi_7^{29}\ \Phi_6^{35}\ \Phi_3^{30}\ \Phi_2^{34}\ \Phi_1^{30}$
87647	1352	2448	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{33}{136}$	$\frac{103}{272}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{306}\ \Phi_{153}\ \Phi_{144}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}\ \Phi_{18}\ \Phi_6$
87648	1352	193	$\frac{5}{193}$	$\frac{24}{193}$	$\frac{47}{193}$	$\frac{73}{193}$	$\Phi_{193}^7\ \Phi_1^8$
87649	1352	510	$\frac{1}{170}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{510}^3\ \Phi_{255}^3\ \Phi_{170}^2\ \Phi_{102}^3\ \Phi_{85}^2\ \Phi_{51}^3\ \Phi_{34}^2\ \Phi_{30}^3\ \Phi_{17}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_2^2$
87650	1352	855	$\frac{2}{171}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{95}^2\ \Phi_{45}^2\ \Phi_{15}$
87651	1352	795	$\frac{1}{53}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{795}^2\ \Phi_{265}^2\ \Phi_{159}$
87652	1352	1011	$\frac{12}{337}$	$\frac{25}{337}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1011}\ \Phi_{337}^2\ \Phi_3^2\ \Phi_1^4$
87653	1352	378	$\frac{1}{27}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{126}^4\ \Phi_{63}^4\ \Phi_{54}^4\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^3\ \Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
87654	1352	1260	$\frac{1}{84}$	$\frac{1}{5}$	$\frac{83}{252}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{15}$
87655	1352	2142	$\frac{2}{51}$	$\frac{1}{14}$	$\frac{49}{153}$	$\frac{1}{3}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{306}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{6}$
87656	1352	954	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{954}^2\ \Phi_{477}^2\ \Phi_{159}$
87657	1352	2580	$\frac{3}{172}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{645}\ \Phi_{15}$
87658	1352	2544	$\frac{1}{53}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2544}\ \Phi_{1272}\ \Phi_{159}$
87659	1352	3360	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{55}{224}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{480}\ \Phi_{240}\ \Phi_{15}$
87660	1352	1545	$\frac{3}{103}$	$\frac{2}{15}$	$\frac{25}{103}$	$\frac{1}{3}$	$\Phi_{1545}\ \Phi_{515}\ \Phi_{103}\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{1}^2$
87661	1352	714	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{714}^3\ \Phi_{357}^3\ \Phi_{102}^3\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{6}^4$
87662	1352	2031	$\frac{40}{677}$	$\frac{49}{677}$	$\frac{157}{677}$	$\frac{1}{3}$	Φ_{2031}
87663	1352	210	$\frac{1}{42}$	$\frac{41}{210}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^6\ \Phi_{42}^8\ \Phi_{35}^6\ \Phi_{30}^6\ \Phi_{21}^8\ \Phi_{15}^7\ \Phi_{14}^8\ \Phi_{10}^6\ \Phi_{7}^8\ \Phi_{6}^8\ \Phi_{5}^6\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^8$
87664	1352	870	$\frac{5}{174}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{870}^2\ \Phi_{435}^2\ \Phi_{290}^2\ \Phi_{145}^2\ \Phi_{15}$
87665	1352	525	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{525}^4\ \Phi_{105}^3\ \Phi_{75}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_{3}^4$
87666	1352	2940	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{735}\ \Phi_{15}$
87667	1352	135	$\frac{1}{27}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{135}^{10}\ \Phi_{45}^{10}\ \Phi_{27}^{12}\ \Phi_{15}^7\ \Phi_{9}^{12}\ \Phi_{5}^6\ \Phi_{3}^8\ \Phi_{1}^8$
87668	1352	2640	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{240}\ \Phi_{165}\ \Phi_{15}$
87669	1352	960	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{15}$
87670	1352	945	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{135}^2\ \Phi_{45}^2\ \Phi_{15}$
87671	1352	1785	$\frac{19}{357}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{255}\ \Phi_{85}\ \Phi_{15}$
87672	1352	180	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^6\ \Phi_{45}^8\ \Phi_{36}^8\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{18}^8\ \Phi_{15}^7\ \Phi_{12}^8\ \Phi_{10}^6\ \Phi_{9}^8\ \Phi_{6}^8\ \Phi_{5}^6\ \Phi_{4}^8\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^8$
87673	1352	210	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^{12}\ \Phi_{105}^{12}\ \Phi_{30}^{12}\ \Phi_{15}^{13}$
87674	1352	1545	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1545}\ \Phi_{515}\ \Phi_{103}\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{1}^2$
87675	1352	630	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^2\ \Phi_{126}\ \Phi_{105}^2\ \Phi_{90}^3\ \Phi_{70}^2\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}\ \Phi_{10}^2\ \Phi_{6}$
87676	1352	612	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{35}{204}$	$\frac{16}{51}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{204}^2\ \Phi_{153}\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{36}^3\ \Phi_{34}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{2}^2$
87677	1352	1890	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{31}{135}$	$\frac{14}{45}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{105}\ \Phi_{70}\ \Phi_{54}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{10}\ \Phi_{6}$
87678	1352	1050	$\frac{1}{14}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{75}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{210}^2\ \Phi_{150}^2\ \Phi_{105}^2\ \Phi_{70}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{10}\ \Phi_{6}^2$
87679	1352	720	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{80}$	$\frac{71}{240}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}\ \Phi_{90}^3\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
87680	1352	294	$\frac{1}{14}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{147}$	$\Phi_{294}^7\ \Phi_{147}^6\ \Phi_{42}^7\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{7}^5\ \Phi_{6}^7\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^6$
87681	1352	1854	$\frac{3}{103}$	$\frac{1}{6}$	$\frac{25}{103}$	$\frac{5}{18}$	$\Phi_{1854}\ \Phi_{927}\ \Phi_{103}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{1}^2$
87682	1352	270	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{270}^6\ \Phi_{135}^7\ \Phi_{90}^5\ \Phi_{45}^6\ \Phi_{30}^6\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_{5}^6$
87683	1352	1854	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1854}\ \Phi_{927}\ \Phi_{103}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{1}^2$
87684	1352	126	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{126}^{11}\ \Phi_{63}^{11}\ \Phi_{42}^{13}\ \Phi_{21}^{13}\ \Phi_{18}^6\ \Phi_{14}^{12}\ \Phi_{9}^5\ \Phi_{7}^{12}\ \Phi_{6}^7\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^6$
87685	1352	180	$\frac{11}{180}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^8\ \Phi_{45}^6\ \Phi_{36}^8\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{18}^8\ \Phi_{15}^7\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_{9}^5\ \Phi_{6}^8\ \Phi_{5}^6\ \Phi_{4}^8\ \Phi_{3}^6\ \Phi_{2}^8\ \Phi_{1}^6$
87686	1352	193	$\frac{9}{193}$	$\frac{24}{193}$	$\frac{46}{193}$	$\frac{49}{193}$	$\Phi_{193}^7\ \Phi_{1}^8$
87687	1352	1648	$\frac{3}{103}$	$\frac{3}{16}$	$\frac{25}{103}$	$\frac{1}{4}$	$\Phi_{1648}\ \Phi_{824}\ \Phi_{103}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
87688	1352	2160	$\frac{1}{27}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{135}\ \Phi_{120}\ \Phi_{45}\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
87689	1352	1648	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1648}\ \Phi_{824}\ \Phi_{103}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
87690	1352	1008	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{6}$
87691	1352	255	$\frac{1}{17}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{4}{17}$	$\Phi_{255}^6\ \Phi_{85}^3\ \Phi_{51}^6\ \Phi_{17}^6\ \Phi_{15}^8\ \Phi_{5}^4\ \Phi_{3}^8\ \Phi_{1}^8$
87692	1352	1980	$\frac{4}{55}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{51}{220}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{396}\ \Phi_{330}\ \Phi_{198}\ \Phi_{180}\ \Phi_{132}\ \Phi_{90}\ \Phi_{66}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
87693	1352	1800	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{31}{200}$	$\frac{9}{40}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
87694	1352	193	$\frac{21}{193}$	$\frac{24}{193}$	$\frac{25}{193}$	$\frac{43}{193}$	$\Phi_{193}^7\ \Phi_{1}^8$
87695	1352	210	$\frac{1}{14}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{210}^8\ \Phi_{105}^8\ \Phi_{70}^5\ \Phi_{42}^8\ \Phi_{35}^5\ \Phi_{30}^8\ \Phi_{21}^8\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_{7}^4\ \Phi_{6}^8\ \Phi_{2}^4$
87696	1352	1750	$\frac{1}{14}$	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\Phi_{1750}\ \Phi_{875}\ \Phi_{250}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
87697	1353	1808	$\frac{3}{452}$	$\frac{1}{4}$	$\frac{455}{1808}$	$\frac{449}{904}$	$\Phi_{1808}\ \Phi_{452}\ \Phi_{226}\ \Phi_{113}\ \Phi_{16}\ \Phi_{1}$
87698	1353	896	$\frac{3}{448}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{445}{896}$	$\Phi_{896}^3\ \Phi_{128}^3\ \Phi_{16}\ \Phi_{1}$
87699	1353	896	$\frac{3}{448}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{445}{896}$	$\Phi_{896}^3\ \Phi_{128}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
87700	1353	1220	$\frac{1}{122}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{121}{244}$	$\Phi_{610}^2\ \Phi_{305}^2\ \Phi_{244}\ \Phi_{122}^2\ \Phi_{61}^2\ \Phi_{20}\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
87701	1353	3660	$\frac{1}{122}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{121}{244}$	$\Phi_{3660}\ \Phi_{732}\ \Phi_{244}\ \Phi_{60}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
87702	1353	832	$\frac{1}{104}$	$\frac{35}{416}$	$\frac{381}{832}$	$\frac{103}{208}$	$\Phi_{832}^3\ \Phi_{208}\ \Phi_{64}^3\ \Phi_{16}\ \Phi_{1}$
87703	1353	624	$\frac{1}{104}$	$\frac{35}{208}$	$\frac{173}{624}$	$\frac{103}{208}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{48}^3\ \Phi_{39}^3\ \Phi_{24}^3\ \Phi_{16}\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{3}^3\ \Phi_{1}$
87704	1353	1664	$\frac{1}{104}$	$\frac{311}{1664}$	$\frac{105}{416}$	$\frac{103}{208}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{208}\ \Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_{1}$
87705	1353	884	$\frac{9}{442}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{433}{884}$	$\Phi_{884}^3\ \Phi_{68}^3\ \Phi_{52}^3\ \Phi_{13}^2\ \Phi_{4}^3\ \Phi_{1}^3$
87706	1353	320	$\frac{1}{40}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{39}{80}$	$\Phi_{320}^8\ \Phi_{80}\ \Phi_{64}^9\ \Phi_{16}\ \Phi_{1}$
87707	1353	80	$\frac{1}{40}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{39}{80}$	$\Phi_{80}^{17}\ \Phi_{40}^{16}\ \Phi_{20}^{16}\ \Phi_{16}^{19}\ \Phi_{10}^{16}\ \Phi_{8}^{18}\ \Phi_{5}^{16}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
87708	1353	240	$\frac{1}{40}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{39}{80}$	$\Phi_{240}^{12}\ \Phi_{80}^9\ \Phi_{48}^{12}\ \Phi_{16}^9\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
87709	1353	80	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{39}{80}$	$\Phi_{80}^{33}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}^{33}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
87710	1353	544	$\frac{7}{272}$	$\frac{1}{8}$	$\frac{93}{544}$	$\frac{265}{544}$	$\Phi_{544}^2\ \Phi_{272}^3\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{32}^2\ \Phi_{17}^3\ \Phi_{16}^3\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
87711	1353	1820	$\frac{12}{455}$	$\frac{1}{13}$	$\frac{467}{1820}$	$\frac{443}{910}$	$\Phi_{1820}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{140}\ \Phi_{91}\ \Phi_{65}\ \Phi_{52}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
87712	1353	960	$\frac{1}{32}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{31}{64}$	$\Phi_{960}^4\ \Phi_{192}^4\ \Phi_{64}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
87713	1353	704	$\frac{1}{32}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{704}^4\ \Phi_{64}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
87714	1353	2880	$\frac{1}{32}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{31}{64}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{192}\ \Phi_{64}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
87715	1353	1600	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{31}{64}$	$\Phi_{1600}^2\ \Phi_{64}\ \Phi_{50}\ \Phi_{25}\ \Phi_{1}$
87716	1353	192	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{31}{64}$	$\Phi_{192}^{16}\ \Phi_{64}^9\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
87717	1353	2600	$\frac{53}{1300}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1247}{2600}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{200}\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
87718	1353	546	$\frac{4}{91}$	$\frac{1}{13}$	$\frac{95}{546}$	$\frac{87}{182}$	$\Phi_{546}^3\ \Phi_{273}^3\ \Phi_{91}^3\ \Phi_{78}^3\ \Phi_{42}^3\ \Phi_{39}^3\ \Phi_{21}^3\ \Phi_{13}^2\ \Phi_{7}^3\ \Phi_{6}^3\ \Phi_{3}^3\ \Phi_{1}^3$
87719	1353	1326	$\frac{1}{34}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{442}\ \Phi_{221}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{39}\ \Phi_{34}\ \Phi_{17}\ \Phi_{13}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
87720	1353	2560	$\frac{73}{1280}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1207}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
87721	1353	520	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{69}{520}$	$\frac{61}{130}$	$\Phi_{520}^3\ \Phi_{260}^3\ \Phi_{104}^3\ \Phi_{65}^3\ \Phi_{52}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{13}^2\ \Phi_{8}^3\ \Phi_{5}^3\ \Phi_{4}^3\ \Phi_{1}^3$
87722	1353	2548	$\frac{79}{1274}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1195}{2548}$	$\Phi_{2548}\ \Phi_{364}\ \Phi_{196}\ \Phi_{91}\ \Phi_{52}\ \Phi_{28}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
87723	1353	952	$\frac{1}{34}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{952}^2\ \Phi_{238}^2\ \Phi_{136}^2\ \Phi_{119}^2\ \Phi_{56}\ \Phi_{34}\ \Phi_{17}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
87724	1353	832	$\frac{1}{52}$	$\frac{35}{416}$	$\frac{17}{52}$	$\frac{381}{832}$	$\Phi_{832}^3\ \Phi_{64}^3\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
87725	1353	480	$\frac{29}{480}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{160}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^2\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
87726	1353	169	$\frac{4}{169}$	$\frac{15}{169}$	$\frac{46}{169}$	$\frac{77}{169}$	$\Phi_{169}^{8}\ \Phi_{13}^{8}\ \Phi_{1}^{9}$
87727	1353	1220	$\frac{1}{61}$	$\frac{1}{10}$	$\frac{20}{61}$	$\frac{9}{20}$	$\Phi_{1220}^{2}\ \Phi_{244}^{2}\ \Phi_{61}^{2}\ \Phi_{20}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
87728	1353	420	$\frac{1}{42}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{420}^{2}\ \Phi_{210}^{4}\ \Phi_{140}^{2}\ \Phi_{105}^{4}\ \Phi_{84}^{4}\ \Phi_{70}^{4}\ \Phi_{60}^{2}\ \Phi_{42}^{5}\ \Phi_{35}^{4}\ \Phi_{30}^{4}\ \Phi_{28}^{4}\ \Phi_{21}^{5}\ \Phi_{20}\ \Phi_{15}^{4}\ \Phi_{14}^{5}\ \Phi_{12}^{4}\ \Phi_{10}^{2}\ \Phi_{7}^{5}\ \Phi_{6}^{5}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
87729	1353	816	$\frac{7}{136}$	$\frac{43}{408}$	$\frac{1}{8}$	$\frac{365}{816}$	$\Phi_{816}^{3}\ \Phi_{272}^{3}\ \Phi_{136}\ \Phi_{68}\ \Phi_{48}^{3}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}^{3}\ \Phi_{1}$
87730	1353	624	$\frac{1}{52}$	$\frac{17}{156}$	$\frac{173}{624}$	$\frac{139}{312}$	$\Phi_{624}^{3}\ \Phi_{208}^{3}\ \Phi_{156}^{3}\ \Phi_{78}^{3}\ \Phi_{52}^{2}\ \Phi_{48}^{3}\ \Phi_{39}^{3}\ \Phi_{26}^{2}\ \Phi_{16}^{3}\ \Phi_{13}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
87731	1353	672	$\frac{3}{224}$	$\frac{1}{8}$	$\frac{221}{672}$	$\frac{7}{16}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{168}^{3}\ \Phi_{96}^{3}\ \Phi_{84}^{3}\ \Phi_{48}^{3}\ \Phi_{42}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{16}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}$
87732	1353	1376	$\frac{23}{1376}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1376}\ \Phi_{688}\ \Phi_{344}\ \Phi_{172}\ \Phi_{86}\ \Phi_{43}\ \Phi_{16}\ \Phi_{1}$
87733	1353	1792	$\frac{9}{448}$	$\frac{1}{8}$	$\frac{439}{1792}$	$\frac{7}{16}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{256}\ \Phi_{128}\ \Phi_{16}\ \Phi_{1}$
87734	1353	560	$\frac{3}{112}$	$\frac{1}{8}$	$\frac{109}{560}$	$\frac{7}{16}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{80}^{3}\ \Phi_{70}^{3}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{20}^{3}\ \Phi_{16}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{1}$
87735	1353	464	$\frac{13}{464}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{464}^{3}\ \Phi_{232}^{3}\ \Phi_{116}^{3}\ \Phi_{58}^{3}\ \Phi_{29}^{3}\ \Phi_{16}\ \Phi_{1}$
87736	1353	128	$\frac{5}{128}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{128}^{11}\ \Phi_{64}^{10}\ \Phi_{32}^{10}\ \Phi_{16}^{11}\ \Phi_{8}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
87737	1353	1568	$\frac{9}{224}$	$\frac{1}{8}$	$\frac{215}{1568}$	$\frac{7}{16}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{16}\ \Phi_{1}$
87738	1353	512	$\frac{3}{64}$	$\frac{61}{512}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{512}^{3}\ \Phi_{256}^{3}\ \Phi_{128}^{3}\ \Phi_{16}\ \Phi_{1}$
87739	1353	480	$\frac{29}{480}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{3}\ \Phi_{120}^{3}\ \Phi_{96}^{3}\ \Phi_{80}^{3}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{40}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{16}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}$
87740	1353	1456	$\frac{103}{1456}$	$\frac{9}{112}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{208}\ \Phi_{182}\ \Phi_{104}\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
87741	1353	1456	$\frac{103}{1456}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{79}{182}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{208}\ \Phi_{112}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{16}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
87742	1353	1224	$\frac{1}{34}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{1224}^{2}\ \Phi_{408}^{2}\ \Phi_{136}^{2}\ \Phi_{102}^{2}\ \Phi_{72}\ \Phi_{51}^{2}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
87743	1353	780	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{61}{390}$	$\frac{329}{780}$	$\Phi_{780}^{3}\ \Phi_{260}^{3}\ \Phi_{156}^{3}\ \Phi_{65}^{3}\ \Phi_{60}^{3}\ \Phi_{52}^{3}\ \Phi_{20}^{3}\ \Phi_{13}^{2}\ \Phi_{12}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
87744	1353	816	$\frac{1}{34}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{816}^{2}\ \Phi_{408}^{2}\ \Phi_{272}^{2}\ \Phi_{136}^{2}\ \Phi_{102}^{2}\ \Phi_{51}^{2}\ \Phi_{48}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{16}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
87745	1353	1190	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{1190}\ \Phi_{595}\ \Phi_{238}^{2}\ \Phi_{170}\ \Phi_{119}^{2}\ \Phi_{85}\ \Phi_{35}\ \Phi_{34}\ \Phi_{17}\ \Phi_{14}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
87746	1353	208	$\frac{5}{104}$	$\frac{9}{104}$	$\frac{19}{104}$	$\frac{85}{208}$	$\Phi_{208}^{11}\ \Phi_{104}^{2}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{16}^{11}\ \Phi_{13}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
87747	1353	130	$\frac{7}{130}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{130}^{10}\ \Phi_{65}^{11}\ \Phi_{26}^{10}\ \Phi_{13}^{10}\ \Phi_{10}^{10}\ \Phi_{5}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
87748	1353	1116	$\frac{1}{124}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1116}\ \Phi_{558}\ \Phi_{372}^{2}\ \Phi_{279}\ \Phi_{186}^{2}\ \Phi_{124}\ \Phi_{93}^{2}\ \Phi_{62}\ \Phi_{36}\ \Phi_{31}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
87749	1353	728	$\frac{4}{91}$	$\frac{1}{13}$	$\frac{87}{364}$	$\frac{277}{728}$	$\Phi_{728}^{3}\ \Phi_{104}^{3}\ \Phi_{91}^{3}\ \Phi_{56}^{3}\ \Phi_{13}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{1}^{3}$
87750	1353	2176	$\frac{7}{272}$	$\frac{1}{8}$	$\frac{265}{1088}$	$\frac{823}{2176}$	$\Phi_{2176}\ \Phi_{272}\ \Phi_{136}\ \Phi_{128}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{1}$
87751	1353	496	$\frac{1}{124}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{496}^{4}\ \Phi_{124}^{3}\ \Phi_{62}^{3}\ \Phi_{31}^{3}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
87752	1353	456	$\frac{5}{456}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{456}^{3}\ \Phi_{228}^{3}\ \Phi_{152}^{3}\ \Phi_{114}^{3}\ \Phi_{76}^{3}\ \Phi_{57}^{3}\ \Phi_{38}^{3}\ \Phi_{24}^{3}\ \Phi_{19}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
87753	1353	384	$\frac{5}{128}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{384}^{4}\ \Phi_{192}^{4}\ \Phi_{128}^{3}\ \Phi_{96}^{4}\ \Phi_{64}^{3}\ \Phi_{48}^{4}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
87754	1353	468	$\frac{17}{468}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{156}^{3}\ \Phi_{117}^{3}\ \Phi_{78}^{3}\ \Phi_{52}^{3}\ \Phi_{39}^{3}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{13}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
87755	1353	372	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{10}{31}$	$\frac{21}{62}$	$\Phi_{372}^{4}\ \Phi_{186}^{4}\ \Phi_{124}^{4}\ \Phi_{93}^{4}\ \Phi_{62}\ \Phi_{31}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
87756	1353	520	$\frac{1}{52}$	$\frac{69}{520}$	$\frac{17}{52}$	$\frac{35}{104}$	$\Phi_{520}^{3}\ \Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{65}^{3}\ \Phi_{52}^{2}\ \Phi_{40}^{3}\ \Phi_{26}^{2}\ \Phi_{20}^{3}\ \Phi_{13}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
87757	1353	1356	$\frac{1}{113}$	$\frac{1}{4}$	$\frac{112}{339}$	$\frac{227}{678}$	$\Phi_{1356}\ \Phi_{452}^{2}\ \Phi_{339}\ \Phi_{226}\ \Phi_{113}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
87758	1353	676	$\frac{1}{169}$	$\frac{56}{169}$	$\frac{225}{676}$	$\frac{113}{338}$	$\Phi_{676}^{3}\ \Phi_{169}^{2}\ \Phi_{52}^{3}\ \Phi_{13}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
87759	1353	375	$\frac{2}{125}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{375}^{3}\,\Phi_{125}^{5}\,\Phi_{75}^{3}\,\Phi_{25}^{5}\,\Phi_{15}^{2}\,\Phi_{5}^{3}\,\Phi_{3}\,\Phi_{1}^{3}$
87760	1353	315	$\frac{2}{35}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{315}^{5}\,\Phi_{105}^{3}\,\Phi_{63}^{5}\,\Phi_{45}^{3}\,\Phi_{35}^{5}\,\Phi_{21}^{3}\,\Phi_{15}^{2}\,\Phi_{9}^{3}\,\Phi_{7}^{5}\,\Phi_{5}^{3}\,\Phi_{3}\,\Phi_{1}^{3}$
87761	1353	672	$\frac{3}{224}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{221}{672}$	$\Phi_{672}^{3}\,\Phi_{336}^{3}\,\Phi_{168}^{3}\,\Phi_{96}^{3}\,\Phi_{84}^{3}\,\Phi_{48}^{3}\,\Phi_{42}^{3}\,\Phi_{24}^{3}\,\Phi_{21}^{3}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
87762	1353	915	$\frac{1}{61}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{20}{61}$	$\Phi_{915}^{2}\,\Phi_{183}^{2}\,\Phi_{61}^{2}\,\Phi_{15}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
87763	1353	624	$\frac{1}{52}$	$\frac{35}{208}$	$\frac{173}{624}$	$\frac{17}{52}$	$\Phi_{624}^{3}\,\Phi_{312}^{3}\,\Phi_{156}^{3}\,\Phi_{78}^{3}\,\Phi_{52}^{2}\,\Phi_{48}^{3}\,\Phi_{39}^{3}\,\Phi_{26}^{2}\,\Phi_{24}^{3}\,\Phi_{13}^{2}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
87764	1353	663	$\frac{9}{221}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{212}{663}$	$\Phi_{663}^{3}\,\Phi_{51}^{3}\,\Phi_{39}^{3}\,\Phi_{13}^{2}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
87765	1353	240	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{19}{60}$	$\Phi_{240}^{8}\,\Phi_{120}^{8}\,\Phi_{60}^{9}\,\Phi_{48}^{8}\,\Phi_{30}^{9}\,\Phi_{24}^{8}\,\Phi_{16}^{2}\,\Phi_{15}^{9}\,\Phi_{12}^{9}\,\Phi_{8}^{2}\,\Phi_{6}^{9}\,\Phi_{4}^{2}\,\Phi_{3}^{9}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
87766	1353	60	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{19}{60}$	$\Phi_{60}^{21}\,\Phi_{30}^{21}\,\Phi_{20}^{24}\,\Phi_{15}^{21}\,\Phi_{12}^{24}\,\Phi_{10}^{24}\,\Phi_{6}^{24}\,\Phi_{5}^{24}\,\Phi_{4}^{26}\,\Phi_{3}^{24}\,\Phi_{2}^{26}\,\Phi_{1}^{27}$
87767	1353	120	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{19}{60}$	$\Phi_{120}^{16}\,\Phi_{60}^{17}\,\Phi_{40}\,\Phi_{30}^{17}\,\Phi_{24}^{16}\,\Phi_{20}\,\Phi_{15}^{17}\,\Phi_{12}^{17}\,\Phi_{10}\,\Phi_{6}^{17}\,\Phi_{5}\,\Phi_{3}^{17}\,\Phi_{1}$
87768	1353	544	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{93}{544}$	$\frac{43}{136}$	$\Phi_{544}^{3}\,\Phi_{272}^{3}\,\Phi_{136}\,\Phi_{68}\,\Phi_{34}\,\Phi_{32}^{3}\,\Phi_{17}\,\Phi_{16}^{3}\,\Phi_{1}$
87769	1353	585	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{134}{585}$	$\frac{61}{195}$	$\Phi_{585}^{3}\,\Phi_{117}^{3}\,\Phi_{65}^{3}\,\Phi_{45}^{3}\,\Phi_{13}^{2}\,\Phi_{9}^{3}\,\Phi_{5}^{3}\,\Phi_{1}^{3}$
87770	1353	176	$\frac{1}{16}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{176}^{8}\,\Phi_{88}^{8}\,\Phi_{44}^{9}\,\Phi_{22}^{9}\,\Phi_{16}^{2}\,\Phi_{11}^{9}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
87771	1353	720	$\frac{1}{16}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{5}{16}$	$\Phi_{720}^{2}\,\Phi_{360}^{2}\,\Phi_{240}^{2}\,\Phi_{180}^{2}\,\Phi_{144}^{2}\,\Phi_{120}^{2}\,\Phi_{90}^{2}\,\Phi_{72}^{2}\,\Phi_{60}^{2}\,\Phi_{48}^{2}\,\Phi_{45}^{3}\,\Phi_{36}^{2}\,\Phi_{30}^{2}\,\Phi_{24}^{2}\,\Phi_{18}^{2}\,\Phi_{16}^{2}\,\Phi_{15}^{3}\,\Phi_{12}^{2}\,\Phi_{9}^{3}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
87772	1353	400	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{5}{16}$	$\Phi_{400}^{4}\,\Phi_{200}^{4}\,\Phi_{100}^{4}\,\Phi_{50}^{5}\,\Phi_{25}^{5}\,\Phi_{16}^{2}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
87773	1353	48	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{5}{16}$	$\Phi_{48}^{33}\,\Phi_{24}^{33}\,\Phi_{16}^{19}\,\Phi_{12}^{33}\,\Phi_{8}^{18}\,\Phi_{6}^{33}\,\Phi_{4}^{18}\,\Phi_{3}^{33}\,\Phi_{2}^{18}\,\Phi_{1}^{19}$
87774	1353	650	$\frac{1}{13}$	$\frac{53}{650}$	$\frac{12}{65}$	$\frac{199}{650}$	$\Phi_{650}^{2}\,\Phi_{325}^{2}\,\Phi_{130}^{2}\,\Phi_{65}^{3}\,\Phi_{50}^{2}\,\Phi_{26}^{2}\,\Phi_{25}^{2}\,\Phi_{13}^{2}\,\Phi_{10}^{2}\,\Phi_{5}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
87775	1353	640	$\frac{7}{80}$	$\frac{73}{640}$	$\frac{1}{8}$	$\frac{189}{640}$	$\Phi_{640}^{2}\,\Phi_{320}^{2}\,\Phi_{160}^{2}\,\Phi_{128}^{2}\,\Phi_{80}^{3}\,\Phi_{64}^{2}\,\Phi_{40}^{3}\,\Phi_{32}^{2}\,\Phi_{20}^{3}\,\Phi_{16}^{3}\,\Phi_{10}^{3}\,\Phi_{8}^{2}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
87776	1353	637	$\frac{1}{13}$	$\frac{79}{637}$	$\frac{12}{91}$	$\frac{186}{637}$	$\Phi_{637}^{2}\,\Phi_{91}^{3}\,\Phi_{49}^{2}\,\Phi_{13}^{2}\,\Phi_{7}^{3}\,\Phi_{1}^{3}$
87777	1353	918	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{918}^{2}\,\Phi_{459}^{2}\,\Phi_{102}^{2}\,\Phi_{54}\,\Phi_{51}^{2}\,\Phi_{34}\,\Phi_{27}\,\Phi_{17}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
87778	1353	480	$\frac{29}{480}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{480}^{3}\,\Phi_{240}^{3}\,\Phi_{160}^{3}\,\Phi_{120}^{3}\,\Phi_{96}^{3}\,\Phi_{80}^{3}\,\Phi_{60}^{3}\,\Phi_{48}^{3}\,\Phi_{40}\,\Phi_{32}^{3}\,\Phi_{30}^{3}\,\Phi_{24}^{3}\,\Phi_{20}\,\Phi_{16}^{3}\,\Phi_{15}^{3}\,\Phi_{12}^{3}\,\Phi_{10}\,\Phi_{6}^{3}\,\Phi_{5}\,\Phi_{3}^{3}\,\Phi_{1}$
87779	1353	420	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{420}^{4}\,\Phi_{210}^{2}\,\Phi_{140}^{4}\,\Phi_{105}^{2}\,\Phi_{84}^{6}\,\Phi_{70}^{2}\,\Phi_{60}^{3}\,\Phi_{42}^{3}\,\Phi_{35}^{2}\,\Phi_{30}\,\Phi_{28}^{6}\,\Phi_{21}^{3}\,\Phi_{20}^{4}\,\Phi_{15}^{2}\,\Phi_{14}^{3}\,\Phi_{12}^{5}\,\Phi_{10}^{2}\,\Phi_{7}^{3}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{5}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
87780	1353	560	$\frac{3}{112}$	$\frac{109}{560}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{560}^{3}\,\Phi_{280}^{3}\,\Phi_{140}^{3}\,\Phi_{80}^{3}\,\Phi_{70}^{3}\,\Phi_{40}^{3}\,\Phi_{35}^{3}\,\Phi_{20}^{3}\,\Phi_{10}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
87781	1353	464	$\frac{13}{464}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{464}^{3}\,\Phi_{232}^{3}\,\Phi_{116}^{3}\,\Phi_{58}^{3}\,\Phi_{29}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
87782	1353	512	$\frac{3}{64}$	$\frac{61}{512}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{512}^{3}\,\Phi_{256}^{3}\,\Phi_{128}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
87783	1353	476	$\frac{25}{476}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{476}^{3}\,\Phi_{238}^{3}\,\Phi_{119}^{3}\,\Phi_{68}^{3}\,\Phi_{34}^{3}\,\Phi_{17}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
87784	1353	504	$\frac{3}{56}$	$\frac{53}{504}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{504}^{3}\,\Phi_{252}^{3}\,\Phi_{168}^{3}\,\Phi_{126}^{3}\,\Phi_{84}^{3}\,\Phi_{72}^{3}\,\Phi_{63}^{3}\,\Phi_{42}^{3}\,\Phi_{36}^{3}\,\Phi_{24}^{3}\,\Phi_{21}^{3}\,\Phi_{18}^{3}\,\Phi_{12}^{3}\,\Phi_{9}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
87785	1353	480	$\frac{29}{480}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{480}^{3}\,\Phi_{240}^{3}\,\Phi_{160}^{3}\,\Phi_{120}^{3}\,\Phi_{96}^{3}\,\Phi_{80}^{3}\,\Phi_{60}^{3}\,\Phi_{48}^{3}\,\Phi_{40}^{3}\,\Phi_{30}^{3}\,\Phi_{24}^{3}\,\Phi_{20}^{3}\,\Phi_{15}^{3}\,\Phi_{12}^{3}\,\Phi_{10}^{3}\,\Phi_{6}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
87786	1353	132	$\frac{3}{44}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{132}^{12}\,\Phi_{66}^{12}\,\Phi_{44}^{9}\,\Phi_{33}^{12}\,\Phi_{22}^{9}\,\Phi_{12}^{3}\,\Phi_{11}^{9}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
87787	1353	480	$\frac{3}{40}$	$\frac{1}{12}$	$\frac{37}{160}$	$\frac{1}{4}$	$\Phi_{480}^{4}\,\Phi_{240}^{4}\,\Phi_{160}^{3}\,\Phi_{96}^{4}\,\Phi_{80}^{3}\,\Phi_{48}^{4}\,\Phi_{32}^{3}\,\Phi_{16}^{3}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
87788	1353	180	$\frac{1}{12}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^{8}\,\Phi_{90}^{8}\,\Phi_{60}^{5}\,\Phi_{45}^{9}\,\Phi_{36}^{8}\,\Phi_{30}^{5}\,\Phi_{20}^{6}\,\Phi_{18}^{8}\,\Phi_{15}^{6}\,\Phi_{12}^{8}\,\Phi_{10}^{6}\,\Phi_{9}^{9}\,\Phi_{6}^{8}\,\Phi_{5}^{6}\,\Phi_{4}^{8}\,\Phi_{3}^{9}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
87789	1353	300	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{4}$	$\Phi_{300}^{6}\,\Phi_{150}^{6}\,\Phi_{100}^{4}\,\Phi_{75}^{6}\,\Phi_{50}^{5}\,\Phi_{25}^{5}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
87790	1353	440	$\frac{3}{44}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{440}^{4}\,\Phi_{220}^{4}\,\Phi_{110}^{4}\,\Phi_{55}^{4}\,\Phi_{44}\,\Phi_{40}\,\Phi_{22}\,\Phi_{20}\,\Phi_{11}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
87791	1353	420	$\frac{1}{12}$	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{420}^{4}\,\Phi_{210}^{4}\,\Phi_{140}^{3}\,\Phi_{105}^{4}\,\Phi_{84}^{4}\,\Phi_{70}^{3}\,\Phi_{42}^{4}\,\Phi_{35}^{3}\,\Phi_{28}^{3}\,\Phi_{21}^{4}\,\Phi_{14}^{3}\,\Phi_{12}^{3}\,\Phi_{7}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
87792	1353	48	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{4}$	$\Phi_{48}^{33}\ \Phi_{24}^{21}\ \Phi_{16}^{33}\ \Phi_{12}^{24}\ \Phi_{8}^{24}\ \Phi_{6}^{24}\ \Phi_{4}^{26}\ \Phi_{3}^{24}\ \Phi_{2}^{26}\ \Phi_{1}^{27}$
87793	1353	160	$\frac{3}{40}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{37}{160}$	$\Phi_{160}^{11}\ \Phi_{80}^{11}\ \Phi_{40}\ \Phi_{32}^{11}\ \Phi_{20}\ \Phi_{16}^{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
87794	1353	1600	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{247}{1600}$	$\frac{73}{320}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
87795	1353	520	$\frac{1}{13}$	$\frac{69}{520}$	$\frac{12}{65}$	$\frac{53}{260}$	$\Phi_{520}^{3}\ \Phi_{260}^{2}\ \Phi_{130}^{2}\ \Phi_{104}^{3}\ \Phi_{65}^{3}\ \Phi_{52}^{2}\ \Phi_{40}^{3}\ \Phi_{26}^{2}\ \Phi_{20}^{2}\ \Phi_{13}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
87796	1353	360	$\frac{4}{45}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{5}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{4}\ \Phi_{90}^{4}\ \Phi_{72}^{4}\ \Phi_{60}^{4}\ \Phi_{45}^{5}\ \Phi_{40}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}\ \Phi_{18}^{4}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{3}^{5}\ \Phi_{1}$
87797	1353	1625	$\frac{1}{13}$	$\frac{53}{325}$	$\frac{272}{1625}$	$\frac{12}{65}$	$\Phi_{1625}\ \Phi_{125}\ \Phi_{65}\ \Phi_{5}\ \Phi_{1}$
87798	1353	200	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{9}{50}$	$\Phi_{200}^{8}\ \Phi_{100}^{8}\ \Phi_{50}^{9}\ \Phi_{40}\ \Phi_{25}^{9}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
87799	1353	240	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{7}{40}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}^{8}\ \Phi_{60}^{8}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}^{8}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}^{8}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
87800	1354	1350	$\frac{2}{675}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{673}{1350}$	$\Phi_{1350}^{2}\ \Phi_{450}^{2}\ \Phi_{270}^{2}\ \Phi_{150}^{2}\ \Phi_{90}^{2}\ \Phi_{54}^{2}\ \Phi_{50}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
87801	1354	2712	$\frac{1}{226}$	$\frac{227}{904}$	$\frac{1}{3}$	$\frac{225}{452}$	$\Phi_{2712}\ \Phi_{678}\ \Phi_{339}\ \Phi_{24}\ \Phi_{6}$
87802	1354	1344	$\frac{5}{672}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{667}{1344}$	$\Phi_{1344}^{2}\ \Phi_{448}^{2}\ \Phi_{192}^{2}\ \Phi_{64}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
87803	1354	1230	$\frac{1}{123}$	$\frac{62}{615}$	$\frac{553}{1230}$	$\frac{61}{123}$	$\Phi_{1230}^{2}\ \Phi_{410}^{2}\ \Phi_{246}^{2}\ \Phi_{123}\ \Phi_{82}^{2}\ \Phi_{41}\ \Phi_{30}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
87804	1354	1342	$\frac{6}{671}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{665}{1342}$	$\Phi_{1342}^{2}\ \Phi_{122}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
87805	1354	1312	$\frac{1}{41}$	$\frac{21}{656}$	$\frac{635}{1312}$	$\frac{20}{41}$	$\Phi_{1312}^{2}\ \Phi_{41}\ \Phi_{32}^{2}\ \Phi_{1}^{2}$
87806	1354	984	$\frac{1}{41}$	$\frac{21}{328}$	$\frac{307}{984}$	$\frac{20}{41}$	$\Phi_{984}^{2}\ \Phi_{492}^{2}\ \Phi_{246}^{2}\ \Phi_{123}^{2}\ \Phi_{41}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
87807	1354	738	$\frac{1}{41}$	$\frac{61}{738}$	$\frac{21}{82}$	$\frac{20}{41}$	$\Phi_{738}^{2}\ \Phi_{369}^{2}\ \Phi_{246}^{2}\ \Phi_{123}^{2}\ \Phi_{41}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
87808	1354	820	$\frac{1}{41}$	$\frac{21}{164}$	$\frac{143}{820}$	$\frac{20}{41}$	$\Phi_{820}^{2}\ \Phi_{410}^{2}\ \Phi_{205}^{2}\ \Phi_{41}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
87809	1354	1320	$\frac{17}{660}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{643}{1320}$	$\Phi_{1320}^{2}\ \Phi_{440}^{2}\ \Phi_{264}^{2}\ \Phi_{120}^{2}\ \Phi_{88}^{2}\ \Phi_{40}^{2}\ \Phi_{33}\ \Phi_{24}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
87810	1354	1320	$\frac{17}{660}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{643}{1320}$	$\Phi_{1320}^{2}\ \Phi_{440}^{2}\ \Phi_{264}^{2}\ \Phi_{120}^{2}\ \Phi_{88}^{2}\ \Phi_{40}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
87811	1354	990	$\frac{1}{33}$	$\frac{17}{330}$	$\frac{313}{990}$	$\frac{16}{33}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{33}\ \Phi_{18}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
87812	1354	726	$\frac{1}{33}$	$\frac{49}{726}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{726}^{2}\ \Phi_{363}^{2}\ \Phi_{242}^{2}\ \Phi_{121}^{2}\ \Phi_{33}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}^{2}$
87813	1354	825	$\frac{1}{33}$	$\frac{17}{165}$	$\frac{148}{825}$	$\frac{16}{33}$	$\Phi_{825}^{2}\ \Phi_{275}^{2}\ \Phi_{75}^{2}\ \Phi_{33}\ \Phi_{25}^{2}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}^{2}$
87814	1354	792	$\frac{1}{33}$	$\frac{17}{132}$	$\frac{115}{792}$	$\frac{16}{33}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{33}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
87815	1354	1287	$\frac{1}{33}$	$\frac{67}{1287}$	$\frac{32}{99}$	$\frac{610}{1287}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}^{2}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
87816	1354	924	$\frac{1}{33}$	$\frac{16}{231}$	$\frac{247}{924}$	$\frac{215}{462}$	$\Phi_{924}^{2}\ \Phi_{308}^{2}\ \Phi_{231}^{2}\ \Phi_{132}^{2}\ \Phi_{84}^{2}\ \Phi_{77}^{2}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
87817	1354	1188	$\frac{1}{33}$	$\frac{83}{594}$	$\frac{16}{99}$	$\frac{511}{1188}$	$\Phi_{1188}^{2}\ \Phi_{396}^{2}\ \Phi_{132}^{2}\ \Phi_{108}^{2}\ \Phi_{99}^{2}\ \Phi_{44}^{2}\ \Phi_{36}^{2}\ \Phi_{33}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
87818	1354	792	$\frac{1}{33}$	$\frac{115}{792}$	$\frac{16}{99}$	$\frac{83}{198}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{132}^{2}\ \Phi_{99}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{2}\ \Phi_{44}^{2}\ \Phi_{36}^{2}\ \Phi_{33}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
87819	1354	684	$\frac{7}{684}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{684}^{2}\ \Phi_{342}^{2}\ \Phi_{228}^{2}\ \Phi_{171}^{2}\ \Phi_{114}^{2}\ \Phi_{76}^{2}\ \Phi_{57}^{2}\ \Phi_{38}^{2}\ \Phi_{36}^{2}\ \Phi_{19}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
87820	1354	1155	$\frac{1}{33}$	$\frac{32}{231}$	$\frac{199}{1155}$	$\frac{478}{1155}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}^{2}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}^{2}\ \Phi_{55}\ \Phi_{35}\ \Phi_{33}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
87821	1354	3390	$\frac{1}{113}$	$\frac{112}{565}$	$\frac{1}{3}$	$\frac{453}{1130}$	$\Phi_{3390}\ \Phi_{678}\ \Phi_{339}\ \Phi_{30}\ \Phi_{6}$
87822	1354	1107	$\frac{1}{123}$	$\frac{247}{1107}$	$\frac{122}{369}$	$\frac{430}{1107}$	$\Phi_{1107}\ \Phi_{369}^{2}\ \Phi_{123}\ \Phi_{41}\ \Phi_{27}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
87823	1354	704	$\frac{27}{704}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{704}^{2}\ \Phi_{352}^{2}\ \Phi_{176}^{2}\ \Phi_{88}^{2}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{22}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
87824	1354	984	$\frac{1}{123}$	$\frac{61}{246}$	$\frac{307}{984}$	$\frac{185}{492}$	$\Phi_{984}^{2}\ \Phi_{328}^{2}\ \Phi_{246}^{2}\ \Phi_{123}\ \Phi_{82}^{2}\ \Phi_{41}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
87825	1354	1023	$\frac{10}{341}$	$\frac{1}{11}$	$\frac{331}{1023}$	$\frac{346}{1023}$	$\Phi_{1023}\ \Phi_{341}^{2}\ \Phi_{93}\ \Phi_{33}\ \Phi_{31}^{2}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
87826	1354	1017	$\frac{2}{339}$	$\frac{337}{1017}$	$\frac{1}{3}$	$\frac{340}{1017}$	$\Phi_{1017}\ \Phi_{339}^2\ \Phi_{113}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
87827	1354	900	$\frac{2}{225}$	$\frac{223}{900}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
87828	1354	684	$\frac{7}{684}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{36}^2\ \Phi_{19}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
87829	1354	810	$\frac{2}{135}$	$\frac{133}{810}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{90}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
87830	1354	690	$\frac{13}{690}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{115}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{30}^2\ \Phi_{23}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
87831	1354	750	$\frac{2}{75}$	$\frac{73}{750}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{750}^2\ \Phi_{375}^2\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{125}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
87832	1354	702	$\frac{25}{702}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{54}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
87833	1354	720	$\frac{2}{45}$	$\frac{43}{720}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
87834	1354	1008	$\frac{5}{336}$	$\frac{1}{6}$	$\frac{331}{1008}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{252}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
87835	1354	696	$\frac{19}{696}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{696}^2\ \Phi_{348}^2\ \Phi_{232}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
87836	1354	840	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{163}{840}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
87837	1354	714	$\frac{37}{714}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
87838	1354	768	$\frac{5}{96}$	$\frac{91}{768}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
87839	1354	756	$\frac{5}{84}$	$\frac{79}{756}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
87840	1354	720	$\frac{43}{720}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
87841	1354	990	$\frac{17}{330}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{313}{990}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
87842	1354	891	$\frac{1}{33}$	$\frac{16}{99}$	$\frac{214}{891}$	$\frac{83}{297}$	$\Phi_{891}^2\ \Phi_{99}^2\ \Phi_{81}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
87843	1354	726	$\frac{49}{726}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{726}^2\ \Phi_{363}^2\ \Phi_{242}^2\ \Phi_{121}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
87844	1354	880	$\frac{17}{220}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{203}{880}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
87845	1354	770	$\frac{1}{11}$	$\frac{93}{770}$	$\frac{17}{110}$	$\frac{5}{22}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_2^2\ \Phi_1^2$
87846	1354	792	$\frac{1}{11}$	$\frac{17}{132}$	$\frac{115}{792}$	$\frac{5}{22}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
87847	1355	1080	$\frac{1}{270}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{269}{540}$	$\Phi_{1080}^2\ \Phi_{540}\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{180}\ \Phi_{120}^2\ \Phi_{108}\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
87848	1355	1608	$\frac{3}{268}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{265}{536}$	$\Phi_{1608}^2\ \Phi_{536}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
87849	1355	528	$\frac{7}{264}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{257}{528}$	$\Phi_{528}^5\ \Phi_{176}^5\ \Phi_{48}^5\ \Phi_{24}^2\ \Phi_{16}^5\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
87850	1355	1536	$\frac{15}{256}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{241}{512}$	$\Phi_{1536}^2\ \Phi_{512}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
87851	1355	288	$\frac{17}{288}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^3\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{32}^4\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
87852	1355	510	$\frac{1}{17}$	$\frac{16}{255}$	$\frac{1}{6}$	$\frac{239}{510}$	$\Phi_{510}^2\ \Phi_{255}^3\ \Phi_{170}^2\ \Phi_{102}^3\ \Phi_{85}^3\ \Phi_{51}^4\ \Phi_{34}^3\ \Phi_{30}^2\ \Phi_{17}^3\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
87853	1355	1428	$\frac{1}{34}$	$\frac{33}{238}$	$\frac{1}{6}$	$\frac{205}{476}$	$\Phi_{1428}^2\ \Phi_{476}\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{84}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{28}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
87854	1355	2184	$\frac{2}{273}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{273}\ \Phi_{168}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{39}\ \Phi_{21}\ \Phi_{13}\ \Phi_8\ \Phi_7\ \Phi_1$
87855	1355	3240	$\frac{1}{135}$	$\frac{1}{4}$	$\frac{134}{405}$	$\frac{3}{8}$	$\Phi_{3240}\ \Phi_{648}\ \Phi_{405}\ \Phi_{81}\ \Phi_8\ \Phi_1$
87856	1355	360	$\frac{1}{90}$	$\frac{89}{360}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^3\ \Phi_{180}^5\ \Phi_{120}^3\ \Phi_{90}^4\ \Phi_{72}^3\ \Phi_{60}^5\ \Phi_{45}^4\ \Phi_{40}^3\ \Phi_{36}^5\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^5\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
87857	1355	2200	$\frac{4}{275}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{275}\ \Phi_{200}\ \Phi_{88}\ \Phi_{55}\ \Phi_{25}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
87858	1355	552	$\frac{5}{276}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{552}^4\ \Phi_{276}\ \Phi_{184}^4\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{12}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
87859	1355	648	$\frac{1}{54}$	$\frac{53}{324}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{648}^4\ \Phi_{324}\ \Phi_{216}^2\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}^2\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
87860	1355	2520	$\frac{1}{45}$	$\frac{44}{315}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{315}\ \Phi_{280}\ \Phi_{168}\ \Phi_{105}\ \Phi_{63}\ \Phi_{56}\ \Phi_{35}\ \Phi_{21}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
87861	1355	2232	$\frac{8}{279}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{279}\ \Phi_{248}\ \Phi_{93}\ \Phi_{31}\ \Phi_{8}\ \Phi_{1}$
87862	1355	280	$\frac{9}{280}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^5\ \Phi_{140}^5\ \Phi_{70}^5\ \Phi_{56}^5\ \Phi_{40}^3\ \Phi_{35}^5\ \Phi_{28}^5\ \Phi_{20}^5\ \Phi_{14}^5\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{7}^5\ \Phi_{5}^4\ \Phi_{4}^5\ \Phi_{2}^4\ \Phi_{1}^5$
87863	1355	600	$\frac{1}{30}$	$\frac{29}{300}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{600}^4\ \Phi_{300}\ \Phi_{200}^4\ \Phi_{150}\ \Phi_{120}^2\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}^2\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
87864	1355	2376	$\frac{1}{27}$	$\frac{26}{297}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{297}\ \Phi_{264}\ \Phi_{99}\ \Phi_{88}\ \Phi_{33}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
87865	1355	2280	$\frac{14}{285}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{285}\ \Phi_{152}\ \Phi_{95}\ \Phi_{57}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
87866	1355	288	$\frac{1}{18}$	$\frac{17}{288}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^5\ \Phi_{72}^3\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{32}^5\ \Phi_{24}^3\ \Phi_{18}^4\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_{9}^4\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
87867	1355	408	$\frac{1}{68}$	$\frac{1}{6}$	$\frac{67}{204}$	$\frac{137}{408}$	$\Phi_{408}^5\ \Phi_{204}^2\ \Phi_{136}^5\ \Phi_{102}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{24}^5\ \Phi_{17}\ \Phi_{12}^2\ \Phi_{8}^5\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
87868	1355	306	$\frac{1}{17}$	$\frac{35}{306}$	$\frac{1}{6}$	$\frac{16}{51}$	$\Phi_{306}^5\ \Phi_{153}^5\ \Phi_{102}^3\ \Phi_{51}^4\ \Phi_{34}^3\ \Phi_{18}^5\ \Phi_{17}^3\ \Phi_{9}^5\ \Phi_{6}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
87869	1355	384	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{6}$	$\frac{113}{384}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^4\ \Phi_{96}^3\ \Phi_{64}^4\ \Phi_{48}^5\ \Phi_{32}^4\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
87870	1355	288	$\frac{17}{288}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{32}^5\ \Phi_{24}^2\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{12}^2\ \Phi_{9}^5\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
87871	1355	960	$\frac{1}{16}$	$\frac{49}{320}$	$\frac{1}{6}$	$\frac{15}{64}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}\ \Phi_{240}^2\ \Phi_{160}\ \Phi_{120}^2\ \Phi_{80}\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
87872	1355	1056	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{81}{352}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}\ \Phi_{176}\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
87873	1355	1020	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{16}{85}$	$\frac{69}{340}$	$\Phi_{1020}^2\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}^2\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{30}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
87874	1356	2028	$\frac{1}{338}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{337}{676}$	$\Phi_{2028}\ \Phi_{676}^2\ \Phi_{156}\ \Phi_{52}^2\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
87875	1356	542	$\frac{1}{271}$	$\frac{68}{271}$	$\frac{203}{542}$	$\frac{135}{271}$	$\Phi_{542}^4\ \Phi_{271}\ \Phi_{2}^4\ \Phi_{1}^2$
87876	1356	225	$\frac{1}{225}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{112}{225}$	$\Phi_{225}^6\ \Phi_{75}^6\ \Phi_{45}^6\ \Phi_{25}^6\ \Phi_{15}^6\ \Phi_{9}^6\ \Phi_{5}^7\ \Phi_{3}^6\ \Phi_{1}^8$
87877	1356	900	$\frac{1}{225}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{112}{225}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
87878	1356	1355	$\frac{7}{1355}$	$\frac{227}{1355}$	$\frac{564}{1355}$	$\frac{674}{1355}$	$\Phi_{1355}\ \Phi_{271}\ \Phi_{5}\ \Phi_{1}^2$
87879	1356	604	$\frac{1}{151}$	$\frac{1}{4}$	$\frac{38}{151}$	$\frac{75}{151}$	$\Phi_{604}^3\ \Phi_{302}^3\ \Phi_{4}^2\ \Phi_{2}^2$
87880	1356	1355	$\frac{9}{1355}$	$\frac{338}{1355}$	$\frac{341}{1355}$	$\frac{673}{1355}$	$\Phi_{1355}\ \Phi_{271}\ \Phi_{5}\ \Phi_{1}^2$
87881	1356	2037	$\frac{5}{679}$	$\frac{114}{679}$	$\frac{1}{3}$	$\frac{337}{679}$	$\Phi_{2037}\ \Phi_{291}\ \Phi_{21}$
87882	1356	2464	$\frac{1}{112}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{111}{224}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{224}^2\ \Phi_{32}^2\ \Phi_{11}\ \Phi_{1}^2$
87883	1356	672	$\frac{1}{112}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{111}{224}$	$\Phi_{672}^6\ \Phi_{96}^6\ \Phi_{21}$
87884	1356	2464	$\frac{1}{112}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{111}{224}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{224}^2\ \Phi_{32}^2\ \Phi_{11}\ \Phi_{1}^2$
87885	1356	1120	$\frac{1}{112}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{111}{224}$	$\Phi_{1120}^3\ \Phi_{160}^3\ \Phi_{20}\ \Phi_{10}$
87886	1356	1164	$\frac{1}{97}$	$\frac{49}{388}$	$\frac{1}{3}$	$\frac{48}{97}$	$\Phi_{1164}^2\ \Phi_{582}^2\ \Phi_{291}\ \Phi_{12}^2\ \Phi_{6}^2$
87887	1356	670	$\frac{4}{335}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{331}{670}$	$\Phi_{670}^4\ \Phi_{134}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
87888	1356	680	$\frac{1}{68}$	$\frac{23}{136}$	$\frac{1}{5}$	$\frac{67}{136}$	$\Phi_{680}^2\ \Phi_{340}^3\ \Phi_{170}^3\ \Phi_{85}^3\ \Phi_{40}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_{5}^2$
87889	1356	2886	$\frac{2}{111}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{109}{222}$	$\Phi_{2886}\ \Phi_{962}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
87890	1356	1976	$\frac{1}{38}$	$\frac{1}{13}$	$\frac{39}{152}$	$\frac{37}{76}$	$\Phi_{1976}\ \Phi_{494}\ \Phi_{247}\ \Phi_{104}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
87891	1356	220	$\frac{3}{110}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{107}{220}$	$\Phi_{220}^{12}\ \Phi_{44}^{12}\ \Phi_{20}^{12}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{12}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
87892	1356	2808	$\frac{5}{108}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{103}{216}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{312}\ \Phi_{104}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
87893	1356	3230	$\frac{16}{323}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{307}{646}$	$\Phi_{3230}\ \Phi_{190}\ \Phi_{170}\ \Phi_{85}\ \Phi_{10}$
87894	1356	120	$\frac{1}{20}$	$\frac{7}{120}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^{8}\ \Phi_{30}^{12}\ \Phi_{24}^{12}\ \Phi_{20}^{12}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_{10}^{12}\ \Phi_{8}^{8}\ \Phi_{6}^{12}\ \Phi_{5}^{11}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
87895	1356	640	$\frac{1}{20}$	$\frac{19}{320}$	$\frac{1}{5}$	$\frac{301}{640}$	$\Phi_{640}^{4}\ \Phi_{128}^{4}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
87896	1356	425	$\frac{4}{85}$	$\frac{27}{425}$	$\frac{1}{5}$	$\frac{199}{425}$	$\Phi_{425}^{3}\ \Phi_{85}^{4}\ \Phi_{25}^{3}\ \Phi_{17}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
87897	1356	1848	$\frac{1}{56}$	$\frac{1}{11}$	$\frac{55}{168}$	$\frac{5}{11}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}^{2}\ \Phi_{132}\ \Phi_{84}^{2}\ \Phi_{66}\ \Phi_{42}^{2}\ \Phi_{33}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
87898	1356	1276	$\frac{3}{116}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{1276}\ \Phi_{638}\ \Phi_{319}\ \Phi_{116}^{2}\ \Phi_{58}^{2}\ \Phi_{29}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
87899	1356	1540	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{27}{140}$	$\frac{5}{11}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{220}\ \Phi_{140}^{2}\ \Phi_{110}\ \Phi_{70}^{2}\ \Phi_{55}\ \Phi_{35}^{2}\ \Phi_{20}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
87900	1356	1309	$\frac{6}{119}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{1309}\ \Phi_{187}\ \Phi_{119}^{2}\ \Phi_{17}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
87901	1356	1320	$\frac{7}{120}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}^{2}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}^{2}\ \Phi_{55}\ \Phi_{40}^{2}\ \Phi_{33}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
87902	1356	1408	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{15}{128}$	$\frac{5}{11}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{128}^{2}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
87903	1356	1386	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{126}$	$\frac{5}{11}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{198}\ \Phi_{126}^{2}\ \Phi_{99}\ \Phi_{66}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{33}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
87904	1356	1020	$\frac{1}{34}$	$\frac{11}{102}$	$\frac{1}{5}$	$\frac{91}{204}$	$\Phi_{1020}^{3}\ \Phi_{340}^{3}\ \Phi_{170}\ \Phi_{85}\ \Phi_{60}^{3}\ \Phi_{20}^{3}\ \Phi_{10}$
87905	1356	595	$\frac{2}{85}$	$\frac{83}{595}$	$\frac{1}{5}$	$\frac{256}{595}$	$\Phi_{595}^{2}\ \Phi_{119}^{2}\ \Phi_{85}^{4}\ \Phi_{35}^{2}\ \Phi_{17}^{4}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
87906	1356	1029	$\frac{4}{343}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1029}^{2}\ \Phi_{147}^{2}\ \Phi_{21}$
87907	1356	582	$\frac{1}{97}$	$\frac{16}{97}$	$\frac{1}{3}$	$\frac{81}{194}$	$\Phi_{582}^{6}\ \Phi_{291}\ \Phi_{6}^{6}$
87908	1356	1560	$\frac{7}{120}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}$
87909	1356	2470	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{18}{95}$	$\frac{77}{190}$	$\Phi_{2470}\ \Phi_{494}\ \Phi_{247}\ \Phi_{130}\ \Phi_{26}$
87910	1356	570	$\frac{1}{114}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{570}^{2}\ \Phi_{285}^{2}\ \Phi_{190}^{2}\ \Phi_{114}^{4}\ \Phi_{95}^{2}\ \Phi_{57}^{4}\ \Phi_{38}^{4}\ \Phi_{30}^{2}\ \Phi_{19}^{4}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
87911	1356	150	$\frac{1}{75}$	$\frac{1}{5}$	$\frac{37}{150}$	$\frac{2}{5}$	$\Phi_{150}^{12}\ \Phi_{75}^{6}\ \Phi_{50}^{12}\ \Phi_{30}^{12}\ \Phi_{25}^{6}\ \Phi_{15}^{6}\ \Phi_{10}^{12}\ \Phi_{6}^{12}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{8}$
87912	1356	115	$\frac{2}{115}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{115}^{12}\ \Phi_{23}^{12}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
87913	1356	135	$\frac{1}{45}$	$\frac{22}{135}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{135}^{12}\ \Phi_{45}^{6}\ \Phi_{27}^{12}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
87914	1356	350	$\frac{11}{350}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{350}^{4}\ \Phi_{175}^{4}\ \Phi_{70}^{4}\ \Phi_{50}^{4}\ \Phi_{35}^{4}\ \Phi_{25}^{2}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
87915	1356	585	$\frac{4}{117}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{585}^{2}\ \Phi_{195}^{2}\ \Phi_{117}^{4}\ \Phi_{65}^{2}\ \Phi_{45}\ \Phi_{39}^{4}\ \Phi_{15}\ \Phi_{13}^{4}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
87916	1356	125	$\frac{1}{25}$	$\frac{12}{125}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{125}^{12}\ \Phi_{25}^{6}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
87917	1356	120	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^{12}\ \Phi_{30}^{12}\ \Phi_{24}^{12}\ \Phi_{20}^{12}\ \Phi_{15}^{6}\ \Phi_{12}^{12}\ \Phi_{10}^{12}\ \Phi_{8}^{12}\ \Phi_{6}^{12}\ \Phi_{5}^{7}\ \Phi_{4}^{12}\ \Phi_{3}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{8}$
87918	1356	1482	$\frac{1}{114}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{494}\ \Phi_{247}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
87919	1356	2720	$\frac{1}{68}$	$\frac{1}{5}$	$\frac{67}{272}$	$\frac{205}{544}$	$\Phi_{2720}\ \Phi_{340}\ \Phi_{170}\ \Phi_{160}\ \Phi_{85}\ \Phi_{20}\ \Phi_{10}$
87920	1356	1720	$\frac{5}{344}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1720}\ \Phi_{860}\ \Phi_{430}\ \Phi_{215}\ \Phi_{20}\ \Phi_{10}$
87921	1356	542	$\frac{3}{271}$	$\frac{67}{271}$	$\frac{68}{271}$	$\frac{203}{542}$	$\Phi_{542}^{4}\ \Phi_{271}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
87922	1356	271	$\frac{4}{271}$	$\frac{45}{271}$	$\frac{89}{271}$	$\frac{91}{271}$	$\Phi_{271}^{5}\ \Phi_{1}^{6}$
87923	1356	170	$\frac{1}{85}$	$\frac{1}{5}$	$\frac{28}{85}$	$\frac{57}{170}$	$\Phi_{170}^{12}\ \Phi_{85}^{4}\ \Phi_{34}^{12}\ \Phi_{17}^{4}\ \Phi_{10}^{12}\ \Phi_{5}^{3}\ \Phi_{2}^{12}\ \Phi_{1}^{4}$
87924	1356	1355	$\frac{8}{1355}$	$\frac{449}{1355}$	$\frac{451}{1355}$	$\frac{453}{1355}$	$\Phi_{1355}\ \Phi_{271}\ \Phi_{5}\ \Phi_{1}^{2}$
87925	1356	2037	$\frac{4}{679}$	$\frac{225}{679}$	$\frac{1}{3}$	$\frac{227}{679}$	$\Phi_{2037}\ \Phi_{291}\ \Phi_{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
87926	1356	507	$\frac{1}{169}$	$\frac{56}{169}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{507}^{2}\ \Phi_{169}^{4}\ \Phi_{39}^{2}\ \Phi_{13}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
87927	1356	228	$\frac{1}{114}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{228}^{8}\ \Phi_{114}^{4}\ \Phi_{76}^{8}\ \Phi_{57}^{4}\ \Phi_{38}^{4}\ \Phi_{19}^{4}\ \Phi_{12}^{7}\ \Phi_{6}^{3}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
87928	1356	117	$\frac{4}{117}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{117}^{12}\ \Phi_{39}^{11}\ \Phi_{13}^{10}\ \Phi_{9}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
87929	1356	1092	$\frac{1}{26}$	$\frac{25}{364}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}^{2}\ \Phi_{273}\ \Phi_{182}^{2}\ \Phi_{156}\ \Phi_{91}^{2}\ \Phi_{84}\ \Phi_{52}^{2}\ \Phi_{42}\ \Phi_{28}^{2}$ $\Phi_{21}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
87930	1356	2700	$\frac{2}{225}$	$\frac{1}{4}$	$\frac{223}{675}$	$\frac{1}{3}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{540}\ \Phi_{270}\ \Phi_{108}\ \Phi_{54}\ \Phi_{12}\ \Phi_{6}$
87931	1356	291	$\frac{1}{97}$	$\frac{65}{291}$	$\frac{32}{97}$	$\frac{1}{3}$	$\Phi_{291}^{4}\ \Phi_{97}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
87932	1356	168	$\frac{1}{56}$	$\frac{1}{7}$	$\frac{55}{168}$	$\frac{1}{3}$	$\Phi_{168}^{6}\ \Phi_{84}^{6}\ \Phi_{56}^{12}\ \Phi_{42}^{6}\ \Phi_{28}^{12}\ \Phi_{24}^{6}\ \Phi_{21}^{7}\ \Phi_{14}^{12}\ \Phi_{12}^{6}\ \Phi_{8}^{12}\ \Phi_{7}^{12}\ \Phi_{6}^{6}\ \Phi_{4}^{12}$ $\Phi_{3}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
87933	1356	231	$\frac{5}{231}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{231}^{6}\ \Phi_{77}^{6}\ \Phi_{33}^{6}\ \Phi_{21}^{4}\ \Phi_{11}^{6}\ \Phi_{7}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
87934	1356	300	$\frac{1}{75}$	$\frac{37}{150}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^{6}\ \Phi_{150}^{2}\ \Phi_{100}^{6}\ \Phi_{75}^{4}\ \Phi_{60}^{6}\ \Phi_{50}^{2}\ \Phi_{30}^{2}\ \Phi_{25}^{4}\ \Phi_{20}^{6}\ \Phi_{15}^{4}\ \Phi_{12}^{7}\ \Phi_{10}^{2}$ $\Phi_{6}^{3}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
87935	1356	1836	$\frac{7}{459}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{108}\ \Phi_{102}\ \Phi_{68}\ \Phi_{54}\ \Phi_{34}\ \Phi_{12}$ Φ_{6}
87936	1356	1380	$\frac{2}{115}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1380}^{2}\ \Phi_{690}^{2}\ \Phi_{276}^{2}\ \Phi_{138}^{2}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
87937	1356	540	$\frac{1}{45}$	$\frac{22}{135}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^{4}\ \Phi_{270}^{4}\ \Phi_{180}^{2}\ \Phi_{108}^{4}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{54}^{4}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{3}$ $\Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
87938	1356	2436	$\frac{3}{116}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{609}\ \Phi_{21}$
87939	1356	2100	$\frac{2}{75}$	$\frac{73}{525}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{140}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{28}$ $\Phi_{14}\ \Phi_{12}\ \Phi_{6}$
87940	1356	1860	$\frac{13}{465}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{372}\ \Phi_{310}\ \Phi_{186}\ \Phi_{124}\ \Phi_{62}\ \Phi_{12}\ \Phi_{6}$
87941	1356	468	$\frac{4}{117}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{468}^{4}\ \Phi_{234}^{4}\ \Phi_{156}^{4}\ \Phi_{78}^{4}\ \Phi_{52}^{4}\ \Phi_{36}^{2}\ \Phi_{26}^{4}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
87942	1356	1500	$\frac{1}{25}$	$\frac{12}{125}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1500}^{2}\ \Phi_{750}^{2}\ \Phi_{300}\ \Phi_{150}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
87943	1356	1980	$\frac{2}{45}$	$\frac{43}{495}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}$ $\Phi_{44}\ \Phi_{22}\ \Phi_{12}\ \Phi_{6}$
87944	1356	120	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^{12}\ \Phi_{60}^{10}\ \Phi_{40}^{12}\ \Phi_{30}^{10}\ \Phi_{24}^{12}\ \Phi_{20}^{10}\ \Phi_{15}^{12}\ \Phi_{12}^{11}\ \Phi_{10}^{10}\ \Phi_{8}^{12}\ \Phi_{6}^{11}\ \Phi_{5}^{12}$ $\Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
87945	1356	1344	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{109}{448}$	$\frac{1}{3}$	$\Phi_{1344}^{2}\ \Phi_{672}^{2}\ \Phi_{192}^{2}\ \Phi_{96}^{2}\ \Phi_{21}$
87946	1356	1050	$\frac{11}{350}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{1050}^{2}\ \Phi_{525}^{2}\ \Phi_{210}^{2}\ \Phi_{150}^{2}\ \Phi_{105}^{2}\ \Phi_{75}^{2}\ \Phi_{30}^{2}\ \Phi_{21}\ \Phi_{15}^{2}$
87947	1356	420	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{27}{140}$	$\frac{1}{3}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{105}^{6}\ \Phi_{60}^{6}\ \Phi_{30}^{6}\ \Phi_{21}\ \Phi_{15}^{6}$
87948	1356	357	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{357}^{6}\ \Phi_{51}^{6}\ \Phi_{21}$
87949	1356	1176	$\frac{3}{56}$	$\frac{53}{392}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1176}^{2}\ \Phi_{588}^{2}\ \Phi_{294}^{2}\ \Phi_{147}^{2}\ \Phi_{21}$
87950	1356	840	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}\ \Phi_{140}^{2}\ \Phi_{105}^{2}\ \Phi_{84}\ \Phi_{70}^{2}\ \Phi_{56}^{2}\ \Phi_{42}$ $\Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}$
87951	1356	2688	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{21}$
87952	1356	1092	$\frac{25}{364}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1092}^{2}\ \Phi_{546}^{2}\ \Phi_{273}^{2}\ \Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{39}^{2}\ \Phi_{21}$
87953	1356	126	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{126}^{12}\ \Phi_{63}^{12}\ \Phi_{42}^{6}\ \Phi_{21}^{7}\ \Phi_{18}^{12}\ \Phi_{14}^{12}\ \Phi_{9}^{12}\ \Phi_{7}^{12}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
87954	1356	1848	$\frac{1}{56}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{55}{168}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}^{2}\ \Phi_{132}\ \Phi_{84}^{2}\ \Phi_{66}\ \Phi_{42}^{2}\ \Phi_{33}$ $\Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
87955	1356	840	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{55}{168}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{120}^{3}\ \Phi_{105}^{3}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{20}\ \Phi_{15}^{3}\ \Phi_{10}$
87956	1356	680	$\frac{1}{34}$	$\frac{23}{136}$	$\frac{1}{5}$	$\frac{11}{34}$	$\Phi_{680}^{3}\ \Phi_{340}^{3}\ \Phi_{170}\ \Phi_{85}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{10}$
87957	1356	255	$\frac{4}{85}$	$\frac{29}{255}$	$\frac{1}{5}$	$\frac{27}{85}$	$\Phi_{255}^{6}\ \Phi_{85}^{4}\ \Phi_{51}^{6}\ \Phi_{17}^{4}\ \Phi_{15}^{6}\ \Phi_{5}^{3}\ \Phi_{3}^{6}\ \Phi_{1}^{4}$
87958	1356	2106	$\frac{1}{13}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{162}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
87959	1356	120	$\frac{7}{120}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^{12}\ \Phi_{30}^{12}\ \Phi_{24}^{12}\ \Phi_{20}^{12}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_{10}^{4}\ \Phi_{8}^{12}\ \Phi_{6}^{12}\ \Phi_{5}^{3}\ \Phi_{4}^{12}$ $\Phi_{3}^{12}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
87960	1356	160	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{1}{5}$	$\frac{47}{160}$	$\Phi_{160}^{8}\ \Phi_{80}^{8}\ \Phi_{40}^{8}\ \Phi_{32}^{8}\ \Phi_{20}^{12}\ \Phi_{16}^{8}\ \Phi_{10}^{12}\ \Phi_{8}^{8}\ \Phi_{5}^{11}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
87961	1356	1638	$\frac{1}{13}$	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{182}\ \Phi_{91}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
87962	1356	1276	$\frac{3}{116}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{1276}\ \Phi_{638}\ \Phi_{319}\ \Phi_{116}^{2}\ \Phi_{58}^{2}\ \Phi_{29}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
87963	1356	1540	$\frac{1}{28}$	$\frac{2}{11}$	$\frac{27}{140}$	$\frac{3}{11}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{220}\ \Phi_{140}^{2}\ \Phi_{110}\ \Phi_{70}^{2}\ \Phi_{55}\ \Phi_{35}^{2}\ \Phi_{20}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
87964	1356	1309	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1309}\ \Phi_{187}\ \Phi_{119}^{2}\ \Phi_{17}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
87965	1356	1320	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}^{2}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}^{2}\ \Phi_{55}\ \Phi_{40}^{2}\ \Phi_{33}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
87966	1356	1408	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{128}^{2}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
87967	1356	1386	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{198}\ \Phi_{126}^{2}\ \Phi_{99}\ \Phi_{66}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{33}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
87968	1356	604	$\frac{3}{151}$	$\frac{37}{151}$	$\frac{1}{4}$	$\frac{38}{151}$	$\Phi_{604}^{3}\ \Phi_{302}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
87969	1356	580	$\frac{3}{116}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{580}^{3}\ \Phi_{290}^{3}\ \Phi_{145}^{3}\ \Phi_{20}\ \Phi_{10}$
87970	1356	2240	$\frac{3}{112}$	$\frac{1}{5}$	$\frac{109}{448}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{320}\ \Phi_{160}\ \Phi_{20}\ \Phi_{10}$
87971	1356	140	$\frac{1}{28}$	$\frac{27}{140}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^{9}\ \Phi_{70}^{9}\ \Phi_{35}^{9}\ \Phi_{28}^{12}\ \Phi_{20}^{10}\ \Phi_{14}^{12}\ \Phi_{10}^{10}\ \Phi_{7}^{12}\ \Phi_{5}^{9}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
87972	1356	1760	$\frac{13}{352}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{55}\ \Phi_{20}\ \Phi_{10}$
87973	1356	2380	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{340}\ \Phi_{170}\ \Phi_{20}\ \Phi_{10}$
87974	1356	1960	$\frac{3}{56}$	$\frac{53}{392}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{20}\ \Phi_{10}$
87975	1356	120	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^{9}\ \Phi_{30}^{12}\ \Phi_{24}^{12}\ \Phi_{20}^{10}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_{10}^{10}\ \Phi_{8}^{12}\ \Phi_{6}^{12}\ \Phi_{5}^{9}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
87976	1356	640	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{20}\ \Phi_{10}$
87977	1356	1820	$\frac{25}{364}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{20}\ \Phi_{10}$
87978	1356	1260	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1260}^{2}\ \Phi_{630}\ \Phi_{420}^{2}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}^{2}\ \Phi_{105}\ \Phi_{90}\ \Phi_{60}^{2}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
87979	1356	400	$\frac{1}{20}$	$\frac{61}{400}$	$\frac{1}{5}$	$\frac{19}{80}$	$\Phi_{400}^{4}\ \Phi_{200}^{4}\ \Phi_{100}^{4}\ \Phi_{50}^{4}\ \Phi_{25}^{4}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
87980	1356	440	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{101}{440}$	$\Phi_{440}^{4}\ \Phi_{220}^{4}\ \Phi_{88}^{4}\ \Phi_{44}^{4}\ \Phi_{40}^{4}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
87981	1356	140	$\frac{3}{35}$	$\frac{1}{10}$	$\frac{27}{140}$	$\frac{8}{35}$	$\Phi_{140}^{12}\ \Phi_{70}^{7}\ \Phi_{35}^{8}\ \Phi_{28}^{12}\ \Phi_{20}^{12}\ \Phi_{14}^{7}\ \Phi_{10}^{6}\ \Phi_{7}^{8}\ \Phi_{5}^{7}\ \Phi_{4}^{12}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
87982	1356	1872	$\frac{1}{13}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{144}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{104}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
87983	1356	425	$\frac{4}{85}$	$\frac{81}{425}$	$\frac{1}{5}$	$\frac{86}{425}$	$\Phi_{425}^{3}\ \Phi_{85}^{4}\ \Phi_{25}^{3}\ \Phi_{17}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
87984	1356	271	$\frac{25}{271}$	$\frac{41}{271}$	$\frac{45}{271}$	$\frac{46}{271}$	$\Phi_{271}^{5}\ \Phi_{1}^{6}$
87985	1357	2704	$\frac{5}{1352}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1347}{2704}$	$\Phi_{2704}\ \Phi_{208}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
87986	1357	1812	$\frac{2}{453}$	$\frac{455}{1812}$	$\frac{1}{3}$	$\frac{451}{906}$	$\Phi_{1812}\ \Phi_{604}\ \Phi_{453}\ \Phi_{151}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
87987	1357	2700	$\frac{7}{1350}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1343}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{180}\ \Phi_{108}\ \Phi_{100}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
87988	1357	2688	$\frac{13}{1344}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1331}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{128}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
87989	1357	2688	$\frac{13}{1344}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1331}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{128}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
87990	1357	1632	$\frac{3}{272}$	$\frac{275}{1632}$	$\frac{1}{4}$	$\frac{269}{544}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{96}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
87991	1357	2680	$\frac{17}{1340}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1323}{2680}$	$\Phi_{2680}\ \Phi_{536}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
87992	1357	1276	$\frac{1}{58}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{57}{116}$	$\Phi_{638}^{2}\ \Phi_{319}^{2}\ \Phi_{116}\ \Phi_{58}^{2}\ \Phi_{44}\ \Phi_{29}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
87993	1357	3828	$\frac{1}{58}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{57}{116}$	$\Phi_{3828}\ \Phi_{348}\ \Phi_{132}\ \Phi_{116}\ \Phi_{33}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
87994	1357	2664	$\frac{25}{1332}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1307}{2664}$	$\Phi_{2664}\ \Phi_{888}\ \Phi_{296}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
87995	1357	1824	$\frac{11}{456}$	$\frac{1}{12}$	$\frac{467}{1824}$	$\frac{445}{912}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{32}\ \Phi_{24}\ \Phi_{19}\ \Phi_8\ \Phi_1$
87996	1357	2640	$\frac{37}{1320}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1283}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
87997	1357	456	$\frac{2}{57}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{152}^3\ \Phi_{114}^2\ \Phi_{76}^3\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{24}^5\ \Phi_{19}^3\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
87998	1357	1440	$\frac{3}{80}$	$\frac{83}{1440}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
87999	1357	3828	$\frac{1}{29}$	$\frac{1}{22}$	$\frac{28}{87}$	$\frac{21}{44}$	$\Phi_{3828}\ \Phi_{348}\ \Phi_{132}\ \Phi_{87}\ \Phi_{44}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
88000	1357	2592	$\frac{61}{1296}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1235}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
88001	1357	240	$\frac{1}{24}$	$\frac{1}{20}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{240}^8\ \Phi_{120}^4\ \Phi_{80}^7\ \Phi_{60}^4\ \Phi_{48}^8\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{16}^7\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
88002	1357	2584	$\frac{3}{68}$	$\frac{65}{1292}$	$\frac{1}{4}$	$\frac{1227}{2584}$	$\Phi_{2584}\ \Phi_{152}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_8\ \Phi_1$
88003	1357	336	$\frac{1}{24}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{336}^8\ \Phi_{112}^7\ \Phi_{48}^8\ \Phi_{24}^3\ \Phi_{16}^7\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
88004	1357	2560	$\frac{3}{80}$	$\frac{77}{1280}$	$\frac{1}{4}$	$\frac{1203}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
88005	1357	1320	$\frac{1}{24}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}^2\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{11}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
88006	1357	2016	$\frac{13}{672}$	$\frac{1}{12}$	$\frac{659}{2016}$	$\frac{11}{24}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
88007	1357	1392	$\frac{35}{1392}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}\ \Phi_{29}\ \Phi_{24}\ \Phi_8\ \Phi_1$
88008	1357	1680	$\frac{13}{336}$	$\frac{1}{12}$	$\frac{323}{1680}$	$\frac{11}{24}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
88009	1357	72	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{72}^{23}\ \Phi_{36}^{23}\ \Phi_{24}^{11}\ \Phi_{18}^{23}\ \Phi_{12}^{10}\ \Phi_9^{23}\ \Phi_8^{11}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
88010	1357	1440	$\frac{83}{1440}$	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{11}{24}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
88011	1357	1536	$\frac{13}{192}$	$\frac{1}{12}$	$\frac{179}{1536}$	$\frac{11}{24}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{24}\ \Phi_8\ \Phi_1$
88012	1357	1512	$\frac{13}{168}$	$\frac{1}{12}$	$\frac{155}{1512}$	$\frac{11}{24}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{72}\ \Phi_{63}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
88013	1357	216	$\frac{1}{24}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{216}^6\ \Phi_{108}^5\ \Phi_{72}^6\ \Phi_{54}^6\ \Phi_{36}^5\ \Phi_{27}^6\ \Phi_{24}^{11}\ \Phi_{18}^6\ \Phi_{12}^{10}\ \Phi_9^6\ \Phi_8^{11}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
88014	1357	420	$\frac{1}{60}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^3\ \Phi_{60}^5\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{30}^5\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{14}^2\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_7^3\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
88015	1357	2448	$\frac{3}{136}$	$\frac{133}{1224}$	$\frac{1}{4}$	$\frac{1091}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{144}\ \Phi_{136}\ \Phi_{68}\ \Phi_{48}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_1$
88016	1357	480	$\frac{1}{60}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{480}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{60}^3\ \Phi_{40}^4\ \Phi_{32}^3\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
88017	1357	120	$\frac{1}{60}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{120}^{20}\ \Phi_{60}^3\ \Phi_{40}^{19}\ \Phi_{30}^3\ \Phi_{24}^{20}\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^{19}\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
88018	1357	1440	$\frac{83}{1440}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{144}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
88019	1357	600	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^4\ \Phi_{100}\ \Phi_{75}^2\ \Phi_{60}^4\ \Phi_{50}^2\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{25}^2\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
88020	1357	1376	$\frac{19}{1376}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1376}\ \Phi_{688}\ \Phi_{344}\ \Phi_{172}\ \Phi_{86}\ \Phi_{43}\ \Phi_{16}\ \Phi_8\ \Phi_1$
88021	1357	2280	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{217}{1140}$	$\frac{923}{2280}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{120}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{40}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_8\ \Phi_1$
88022	1357	1368	$\frac{11}{1368}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{72}\ \Phi_{57}\ \Phi_{38}\ \Phi_{36}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
88023	1357	96	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{96}^{23}\ \Phi_{32}^{23}\ \Phi_{24}^{11}\ \Phi_{12}^{10}\ \Phi_8^{11}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
88024	1357	2176	$\frac{3}{272}$	$\frac{269}{1088}$	$\frac{1}{4}$	$\frac{819}{2176}$	$\Phi_{2176}\ \Phi_{272}\ \Phi_{136}\ \Phi_{128}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_1$
88025	1357	192	$\frac{1}{24}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{192}^8\ \Phi_{96}^8\ \Phi_{64}^7\ \Phi_{48}^8\ \Phi_{32}^7\ \Phi_{24}^3\ \Phi_{16}^7\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
88026	1357	1456	$\frac{5}{104}$	$\frac{99}{1456}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{208}\ \Phi_{182}\ \Phi_{112}\ \Phi_{91}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
88027	1357	180	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{180}^6\ \Phi_{90}^6\ \Phi_{60}^{11}\ \Phi_{45}^6\ \Phi_{36}^5\ \Phi_{30}^{11}\ \Phi_{20}^{11}\ \Phi_{18}^6\ \Phi_{15}^{11}\ \Phi_{12}^{10}\ \Phi_{10}^{11}\ \Phi_9^6\ \Phi_6^{10}\ \Phi_5^{11}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
88028	1357	360	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{360}^3\ \Phi_{180}^3\ \Phi_{120}^6\ \Phi_{90}^2\ \Phi_{72}^3\ \Phi_{60}^6\ \Phi_{45}^3\ \Phi_{40}^6\ \Phi_{36}^3\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^6\ \Phi_{18}^2\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_9^3\ \Phi_8^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
88029	1357	2040	$\frac{3}{340}$	$\frac{1}{4}$	$\frac{337}{1020}$	$\frac{683}{2040}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{408}\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{68}\ \Phi_{40}\ \Phi_{34}\ \Phi_{24}\ \Phi_{20}\ \Phi_{17}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
88030	1357	2025	$\frac{7}{675}$	$\frac{2}{9}$	$\frac{668}{2025}$	$\frac{1}{3}$	$\Phi_{2025}\ \Phi_{405}\ \Phi_{81}\ \Phi_9\ \Phi_1$
88031	1357	1377	$\frac{20}{1377}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1377}\ \Phi_{459}\ \Phi_{153}\ \Phi_{81}\ \Phi_{51}\ \Phi_{17}\ \Phi_9\ \Phi_1$
88032	1357	1800	$\frac{7}{450}$	$\frac{2}{9}$	$\frac{443}{1800}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
88033	1357	1620	$\frac{7}{270}$	$\frac{263}{1620}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
88034	1357	1395	$\frac{38}{1395}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}\ \Phi_{155}\ \Phi_{93}\ \Phi_{31}\ \Phi_9\ \Phi_1$
88035	1357	1575	$\frac{7}{225}$	$\frac{218}{1575}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{175}\ \Phi_{105}\ \Phi_{63}\ \Phi_{35}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$
88036	1357	1404	$\frac{47}{1404}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{108}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
88037	1357	1485	$\frac{7}{135}$	$\frac{128}{1485}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}\ \Phi_{33}\ \Phi_{11}\ \Phi_9\ \Phi_1$
88038	1357	1440	$\frac{83}{1440}$	$\frac{7}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
88039	1357	2016	$\frac{13}{672}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{659}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
88040	1357	1632	$\frac{3}{136}$	$\frac{275}{1632}$	$\frac{1}{4}$	$\frac{133}{408}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{96}\ \Phi_{68}\ \Phi_{48}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_1$
88041	1357	957	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{28}{87}$	$\Phi_{957}\ \Phi_{319}^2\ \Phi_{87}^2\ \Phi_{33}^2\ \Phi_{29}^2\ \Phi_{11}^2\ \Phi_3^3\ \Phi_1^3$
88042	1357	1440	$\frac{83}{1440}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
88043	1357	1944	$\frac{1}{12}$	$\frac{61}{648}$	$\frac{11}{72}$	$\frac{587}{1944}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
88044	1357	168	$\frac{1}{24}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{168}^8\ \Phi_{84}^7\ \Phi_{56}^8\ \Phi_{42}^7\ \Phi_{28}^8\ \Phi_{24}^{11}\ \Phi_{21}^7\ \Phi_{14}^8\ \Phi_{12}^{10}\ \Phi_8^{11}\ \Phi_7^8\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
88045	1357	1920	$\frac{3}{80}$	$\frac{77}{640}$	$\frac{1}{4}$	$\frac{563}{1920}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
88046	1357	1512	$\frac{1}{12}$	$\frac{155}{1512}$	$\frac{11}{72}$	$\frac{61}{216}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
88047	1357	72	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{72}^{17}\ \Phi_{36}^{17}\ \Phi_{24}^{22}\ \Phi_{18}^{18}\ \Phi_{12}^{22}\ \Phi_9^{18}\ \Phi_8^{22}\ \Phi_6^{22}\ \Phi_4^{22}\ \Phi_3^{22}\ \Phi_2^{22}\ \Phi_1^{23}$
88048	1357	1392	$\frac{35}{1392}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}\ \Phi_{29}\ \Phi_{16}\ \Phi_8\ \Phi_1$
88049	1357	1792	$\frac{13}{448}$	$\frac{3}{16}$	$\frac{435}{1792}$	$\frac{1}{4}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{256}\ \Phi_{128}\ \Phi_{16}\ \Phi_8\ \Phi_1$
88050	1357	1600	$\frac{3}{80}$	$\frac{243}{1600}$	$\frac{77}{320}$	$\frac{1}{4}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
88051	1357	1760	$\frac{3}{40}$	$\frac{37}{440}$	$\frac{403}{1760}$	$\frac{1}{4}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
88052	1357	1408	$\frac{51}{1408}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{128}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
88053	1357	1680	$\frac{13}{336}$	$\frac{3}{16}$	$\frac{323}{1680}$	$\frac{1}{4}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
88054	1357	1440	$\frac{83}{1440}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
88055	1357	1568	$\frac{13}{224}$	$\frac{211}{1568}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{16}\ \Phi_8\ \Phi_1$
88056	1357	1536	$\frac{13}{192}$	$\frac{179}{1536}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{16}\ \Phi_8\ \Phi_1$
88057	1357	1456	$\frac{99}{1456}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{208}\ \Phi_{182}\ \Phi_{104}\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_1$
88058	1357	1728	$\frac{1}{12}$	$\frac{61}{432}$	$\frac{11}{72}$	$\frac{371}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
88059	1358	4056	$\frac{3}{676}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{673}{1352}$	$\Phi_{4056}\ \Phi_{312}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
88060	1358	2316	$\frac{1}{193}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{96}{193}$	$\Phi_{2316}\ \Phi_{772}\ \Phi_{193}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
88061	1358	1737	$\frac{1}{193}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{96}{193}$	$\Phi_{1737}\ \Phi_{193}\ \Phi_9^2\ \Phi_1^2$
88062	1358	1350	$\frac{4}{675}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{671}{1350}$	$\Phi_{1350}^2\ \Phi_{450}^2\ \Phi_{270}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
88063	1358	816	$\frac{1}{136}$	$\frac{137}{816}$	$\frac{1}{3}$	$\frac{135}{272}$	$\Phi_{816}\ \Phi_{408}^2\ \Phi_{272}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{48}\ \Phi_{34}^2\ \Phi_{24}^2\ \Phi_{17}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
88064	1358	2496	$\frac{1}{96}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{95}{192}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{13}\ \Phi_1^2$
88065	1358	192	$\frac{1}{96}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{95}{192}$	$\Phi_{192}^{14}\ \Phi_{64}^{14}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
88066	1358	4020	$\frac{9}{670}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{661}{1340}$	$\Phi_{4020}\ \Phi_{804}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
88067	1358	520	$\frac{1}{65}$	$\frac{1}{8}$	$\frac{33}{130}$	$\frac{32}{65}$	$\Phi_{520}^3\ \Phi_{260}^3\ \Phi_{130}\ \Phi_{104}^3\ \Phi_{65}^2\ \Phi_{52}^3\ \Phi_{40}^3\ \Phi_{26}\ \Phi_{20}^3\ \Phi_{13}^2\ \Phi_{10}\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
88068	1358	1298	$\frac{1}{59}$	$\frac{30}{649}$	$\frac{619}{1298}$	$\frac{29}{59}$	$\Phi_{1298}^2\ \Phi_{118}^2\ \Phi_{59}\ \Phi_{22}^2\ \Phi_2^2\ \Phi_1^2$
88069	1358	1334	$\frac{12}{667}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{655}{1334}$	$\Phi_{1334}^2\ \Phi_{58}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_2^2\ \Phi_1^2$
88070	1358	760	$\frac{2}{95}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{93}{190}$	$\Phi_{760}^2\ \Phi_{380}^2\ \Phi_{152}^2\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{19}^2\ \Phi_{10}\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
88071	1358	1326	$\frac{16}{663}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{647}{1326}$	$\Phi_{1326}^2\ \Phi_{442}^2\ \Phi_{102}^2\ \Phi_{78}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{26}^2\ \Phi_6^2\ \Phi_2^2$
88072	1358	720	$\frac{1}{40}$	$\frac{41}{720}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
88073	1358	936	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{20}{117}$	$\frac{19}{39}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}\ \Phi_{234}^2\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}^2\ \Phi_{52}\ \Phi_{36}^2\ \Phi_{26}\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
88074	1358	1320	$\frac{19}{660}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{641}{1320}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{120}^2\ \Phi_{88}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_8^2\ \Phi_6$
88075	1358	1311	$\frac{47}{1311}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{632}{1311}$	$\Phi_{1311}\ \Phi_{437}\ \Phi_{69}^2\ \Phi_{57}\ \Phi_{23}\ \Phi_{19}\ \Phi_3^2\ \Phi_1^2$
88076	1358	920	$\frac{1}{23}$	$\frac{11}{230}$	$\frac{241}{920}$	$\frac{219}{460}$	$\Phi_{920}^2\ \Phi_{230}^2\ \Phi_{184}^2\ \Phi_{115}^2\ \Phi_{46}^2\ \Phi_{40}^2\ \Phi_{23}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
88077	1358	3876	$\frac{1}{34}$	$\frac{33}{646}$	$\frac{1}{3}$	$\frac{613}{1292}$	$\Phi_{3876}\ \Phi_{228}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{12}\ \Phi_6$
88078	1358	184	$\frac{1}{23}$	$\frac{5}{92}$	$\frac{11}{46}$	$\frac{87}{184}$	$\Phi_{184}^{14}\ \Phi_{46}^2\ \Phi_{23}\ \Phi_8^{14}\ \Phi_2^2\ \Phi_1^2$
88079	1358	184	$\frac{5}{92}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{87}{184}$	$\Phi_{184}^{14}\ \Phi_{23}^3\ \Phi_8^{14}\ \Phi_1^4$
88080	1358	3840	$\frac{1}{40}$	$\frac{39}{640}$	$\frac{1}{3}$	$\frac{601}{1280}$	$\Phi_{3840}\ \Phi_{768}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
88081	1358	2730	$\frac{6}{91}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{85}{182}$	$\Phi_{2730}\ \Phi_{910}\ \Phi_{546}\ \Phi_{390}\ \Phi_{210}\ \Phi_{130}\ \Phi_{105}\ \Phi_{78}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{10}\ \Phi_6$
88082	1358	728	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{85}{182}$	$\Phi_{728}^2\ \Phi_{364}^2\ \Phi_{104}^3\ \Phi_{91}^2\ \Phi_{56}^2\ \Phi_{52}^3\ \Phi_{28}^2\ \Phi_{26}\ \Phi_{13}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
88083	1358	840	$\frac{1}{15}$	$\frac{8}{105}$	$\frac{1}{8}$	$\frac{7}{15}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{20}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
88084	1358	1680	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{15}{112}$	$\frac{13}{28}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{10}\ \Phi_6$
88085	1358	1265	$\frac{1}{23}$	$\frac{93}{1265}$	$\frac{22}{115}$	$\frac{586}{1265}$	$\Phi_{1265}\ \Phi_{253}\ \Phi_{115}^2\ \Phi_{55}\ \Phi_{23}\ \Phi_{11}\ \Phi_5^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
88086	1358	1287	$\frac{2}{99}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{13}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_1^2$
88087	1358	1872	$\frac{1}{48}$	$\frac{1}{13}$	$\frac{47}{144}$	$\frac{6}{13}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{144}^2\ \Phi_{117}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_1^2$
88088	1358	1300	$\frac{3}{100}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{325}\ \Phi_{260}\ \Phi_{130}\ \Phi_{100}^2\ \Phi_{65}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
88089	1358	1664	$\frac{1}{32}$	$\frac{1}{13}$	$\frac{31}{128}$	$\frac{6}{13}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{13}\ \Phi_1^2$
88090	1358	1560	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{23}{120}$	$\frac{6}{13}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}^2\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
88091	1358	1326	$\frac{5}{102}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{442}\ \Phi_{221}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{13}\ \Phi_1^2$
88092	1358	1456	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{15}{112}$	$\frac{6}{13}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{112}^2\ \Phi_{91}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_1^2$
88093	1358	104	$\frac{7}{104}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{6}{13}$	$\Phi_{104}^{13}\ \Phi_{52}^{13}\ \Phi_{26}^{13}\ \Phi_{13}^{14}\ \Phi_8^{12}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{14}$
88094	1358	1404	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{6}{13}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{234}\ \Phi_{117}\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_1^2$
88095	1358	360	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{1}{8}$	$\frac{83}{180}$	$\Phi_{360}^4\ \Phi_{180}^2\ \Phi_{120}^5\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^3\ \Phi_{45}^4\ \Phi_{40}^5\ \Phi_{36}^2\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^3\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^5\ \Phi_9^4\ \Phi_8^4\ \Phi_6^5\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
88096	1358	828	$\frac{1}{23}$	$\frac{11}{138}$	$\frac{149}{828}$	$\frac{127}{276}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{207}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{36}^2\ \Phi_{23}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
88097	1358	1242	$\frac{1}{23}$	$\frac{58}{621}$	$\frac{11}{69}$	$\frac{563}{1242}$	$\Phi_{1242}^2\ \Phi_{414}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{54}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
88098	1358	177	$\frac{1}{59}$	$\frac{17}{177}$	$\frac{58}{177}$	$\frac{80}{177}$	$\Phi_{177}^8\ \Phi_{59}^7\ \Phi_3^8\ \Phi_1^8$
88099	1358	177	$\frac{3}{59}$	$\frac{17}{177}$	$\frac{8}{59}$	$\frac{80}{177}$	$\Phi_{177}^7\ \Phi_{59}^9\ \Phi_3^7\ \Phi_1^{10}$
88100	1358	1224	$\frac{1}{68}$	$\frac{67}{612}$	$\frac{1}{3}$	$\frac{545}{1224}$	$\Phi_{1224}^2\ \Phi_{408}^2\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{102}\ \Phi_{72}^2\ \Phi_{51}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_6$
88101	1358	944	$\frac{1}{59}$	$\frac{29}{236}$	$\frac{265}{944}$	$\frac{207}{472}$	$\Phi_{944}^2\ \Phi_{236}^2\ \Phi_{118}^2\ \Phi_{59}\ \Phi_{16}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
88102	1358	2064	$\frac{9}{688}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{516}\ \Phi_{258}\ \Phi_{129}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
88103	1358	510	$\frac{1}{85}$	$\frac{12}{85}$	$\frac{1}{3}$	$\frac{73}{170}$	$\Phi_{510}^7\ \Phi_{255}\ \Phi_{102}^7\ \Phi_{51}\ \Phi_{30}^7\ \Phi_{15}\ \Phi_6^7$
88104	1358	1180	$\frac{1}{59}$	$\frac{89}{590}$	$\frac{29}{118}$	$\frac{501}{1180}$	$\Phi_{1180}^2\ \Phi_{236}^2\ \Phi_{118}^2\ \Phi_{59}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
88105	1358	840	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{71}{168}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{120}^3\ \Phi_{105}\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{40}^3\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{10}\ \Phi_8^2\ \Phi_6$
88106	1358	588	$\frac{1}{98}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{588}^4\ \Phi_{294}\ \Phi_{196}^4\ \Phi_{147}\ \Phi_{84}^4\ \Phi_{42}\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
88107	1358	1150	$\frac{1}{23}$	$\frac{11}{115}$	$\frac{104}{575}$	$\frac{471}{1150}$	$\Phi_{1150}^2\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{50}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
88108	1358	490	$\frac{1}{98}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{490}^3\ \Phi_{245}^3\ \Phi_{98}^2\ \Phi_{70}^3\ \Phi_{49}^2\ \Phi_{35}^3\ \Phi_{14}^2\ \Phi_{10}\ \Phi_7^2\ \Phi_5^2\ \Phi_1^2$
88109	1358	200	$\frac{3}{100}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{200}^8\ \Phi_{100}^6\ \Phi_{50}^6\ \Phi_{40}^7\ \Phi_{25}^6\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_8^6\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
88110	1358	1104	$\frac{1}{23}$	$\frac{11}{138}$	$\frac{127}{552}$	$\frac{425}{1104}$	$\Phi_{1104}^2\ \Phi_{368}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{48}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
88111	1358	736	$\frac{1}{23}$	$\frac{57}{736}$	$\frac{11}{46}$	$\frac{35}{92}$	$\Phi_{736}^2\ \Phi_{368}^2\ \Phi_{184}^2\ \Phi_{46}^2\ \Phi_{32}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
88112	1358	312	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{19}{78}$	$\frac{59}{156}$	$\Phi_{312}^5\ \Phi_{156}^3\ \Phi_{104}^5\ \Phi_{78}^5\ \Phi_{52}^3\ \Phi_{39}^4\ \Phi_{26}^5\ \Phi_{24}^5\ \Phi_{13}^4\ \Phi_{12}^3\ \Phi_8^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
88113	1358	3264	$\frac{1}{136}$	$\frac{135}{544}$	$\frac{1}{3}$	$\frac{409}{1088}$	$\Phi_{3264}\ \Phi_{408}\ \Phi_{204}\ \Phi_{192}\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
88114	1358	1062	$\frac{1}{59}$	$\frac{29}{177}$	$\frac{148}{531}$	$\frac{383}{1062}$	$\Phi_{1062}^2\ \Phi_{354}^2\ \Phi_{177}^2\ \Phi_{118}^2\ \Phi_{59}\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
88115	1358	1035	$\frac{1}{23}$	$\frac{22}{345}$	$\frac{323}{1035}$	$\frac{356}{1035}$	$\Phi_{1035}\ \Phi_{345}^2\ \Phi_{207}\ \Phi_{115}^2\ \Phi_{69}^2\ \Phi_{45}\ \Phi_{23}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
88116	1358	1020	$\frac{1}{170}$	$\frac{169}{510}$	$\frac{1}{3}$	$\frac{341}{1020}$	$\Phi_{1020}^2\ \Phi_{510}\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{204}^2\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{51}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
88117	1358	882	$\frac{1}{98}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{294}\ \Phi_{147}\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_6$
88118	1358	792	$\frac{2}{99}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
88119	1358	816	$\frac{1}{68}$	$\frac{137}{816}$	$\frac{67}{204}$	$\frac{1}{3}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^2\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
88120	1358	144	$\frac{1}{48}$	$\frac{1}{8}$	$\frac{47}{144}$	$\frac{1}{3}$	$\Phi_{144}^{14}\ \Phi_{72}^{14}\ \Phi_{36}^{14}\ \Phi_{24}\ \Phi_{18}^{14}\ \Phi_{12}\ \Phi_{9}^{14}\ \Phi_{6}$
88121	1358	720	$\frac{1}{20}$	$\frac{41}{720}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{180}^{2}\ \Phi_{144}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{80}^{2}\ \Phi_{72}^{2}\ \Phi_{60}\ \Phi_{48}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}$
88122	1358	102	$\frac{5}{102}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{102}^{14}\ \Phi_{51}^{13}\ \Phi_{34}^{14}\ \Phi_{17}^{12}\ \Phi_{6}^{14}\ \Phi_{3}^{12}\ \Phi_{2}^{14}\ \Phi_{1}^{12}$
88123	1358	960	$\frac{1}{40}$	$\frac{39}{320}$	$\frac{281}{960}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}^{2}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}^{2}\ \Phi_{120}^{2}\ \Phi_{96}\ \Phi_{80}^{2}\ \Phi_{64}^{2}\ \Phi_{60}^{2}\ \Phi_{48}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
88124	1358	696	$\frac{17}{696}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{696}^{2}\ \Phi_{348}^{2}\ \Phi_{232}^{2}\ \Phi_{174}^{2}\ \Phi_{116}^{2}\ \Phi_{87}^{2}\ \Phi_{58}^{2}\ \Phi_{29}^{2}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
88125	1358	690	$\frac{11}{690}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{690}^{2}\ \Phi_{345}^{2}\ \Phi_{230}^{2}\ \Phi_{138}^{2}\ \Phi_{115}^{2}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{30}^{2}\ \Phi_{23}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
88126	1358	600	$\frac{3}{100}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{600}^{4}\ \Phi_{300}^{3}\ \Phi_{150}^{3}\ \Phi_{120}^{4}\ \Phi_{75}^{3}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{24}\ \Phi_{15}^{3}\ \Phi_{12}\ \Phi_{6}$
88127	1358	312	$\frac{3}{52}$	$\frac{7}{104}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{312}^{7}\ \Phi_{156}^{6}\ \Phi_{78}^{6}\ \Phi_{39}^{6}\ \Phi_{24}^{7}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
88128	1358	900	$\frac{4}{225}$	$\frac{1}{5}$	$\frac{221}{900}$	$\frac{1}{3}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}^{2}\ \Phi_{180}^{2}\ \Phi_{150}^{2}\ \Phi_{100}^{2}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{50}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
88129	1358	2400	$\frac{1}{40}$	$\frac{121}{800}$	$\frac{39}{160}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
88130	1358	384	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{31}{128}$	$\frac{1}{3}$	$\Phi_{384}^{7}\ \Phi_{192}^{7}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
88131	1358	2652	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{205}{884}$	$\frac{1}{3}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{204}\ \Phi_{156}\ \Phi_{102}\ \Phi_{78}\ \Phi_{51}\ \Phi_{12}\ \Phi_{6}$
88132	1358	2640	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{201}{880}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{528}\ \Phi_{264}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
88133	1358	2112	$\frac{25}{704}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
88134	1358	810	$\frac{4}{135}$	$\frac{131}{810}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{810}^{2}\ \Phi_{405}^{2}\ \Phi_{270}^{2}\ \Phi_{162}^{2}\ \Phi_{90}^{2}\ \Phi_{81}^{2}\ \Phi_{54}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
88135	1358	300	$\frac{3}{100}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{300}^{7}\ \Phi_{150}^{7}\ \Phi_{75}^{6}\ \Phi_{60}^{7}\ \Phi_{30}^{7}\ \Phi_{15}^{7}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
88136	1358	750	$\frac{4}{75}$	$\frac{71}{750}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{750}^{2}\ \Phi_{375}^{2}\ \Phi_{250}^{2}\ \Phi_{150}^{2}\ \Phi_{125}^{2}\ \Phi_{50}^{2}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
88137	1358	720	$\frac{41}{720}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{180}^{2}\ \Phi_{144}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{80}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
88138	1358	120	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{23}{120}$	$\frac{1}{3}$	$\Phi_{120}^{14}\ \Phi_{60}^{14}\ \Phi_{40}^{14}\ \Phi_{30}^{14}\ \Phi_{24}\ \Phi_{20}^{14}\ \Phi_{15}^{14}\ \Phi_{12}\ \Phi_{10}^{14}\ \Phi_{6}\ \Phi_{5}^{14}$
88139	1358	102	$\frac{5}{102}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{102}^{14}\ \Phi_{51}^{12}\ \Phi_{34}^{14}\ \Phi_{17}^{14}\ \Phi_{6}^{14}\ \Phi_{3}^{11}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
88140	1358	408	$\frac{5}{102}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{408}^{4}\ \Phi_{204}^{4}\ \Phi_{136}^{4}\ \Phi_{102}^{2}\ \Phi_{68}^{4}\ \Phi_{51}^{2}\ \Phi_{34}^{2}\ \Phi_{24}\ \Phi_{17}^{2}\ \Phi_{12}\ \Phi_{6}$
88141	1358	720	$\frac{41}{720}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{180}^{2}\ \Phi_{144}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{80}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}\ \Phi_{5}^{2}$
88142	1358	336	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{15}{112}$	$\frac{1}{3}$	$\Phi_{336}^{7}\ \Phi_{168}^{7}\ \Phi_{84}^{7}\ \Phi_{42}^{7}\ \Phi_{24}\ \Phi_{21}^{7}\ \Phi_{12}\ \Phi_{6}$
88143	1358	312	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{312}^{7}\ \Phi_{156}^{7}\ \Phi_{78}^{7}\ \Phi_{39}^{7}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
88144	1358	768	$\frac{7}{96}$	$\frac{89}{768}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{768}^{2}\ \Phi_{384}^{2}\ \Phi_{256}^{2}\ \Phi_{192}^{2}\ \Phi_{128}^{2}\ \Phi_{64}^{2}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
88145	1358	216	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{216}^{8}\ \Phi_{108}^{6}\ \Phi_{72}^{8}\ \Phi_{54}^{6}\ \Phi_{36}^{6}\ \Phi_{27}^{6}\ \Phi_{24}\ \Phi_{18}^{6}\ \Phi_{12}\ \Phi_{9}^{6}\ \Phi_{6}$
88146	1358	2280	$\frac{4}{95}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{91}{285}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{228}\ \Phi_{120}\ \Phi_{114}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
88147	1358	1800	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{31}{225}$	$\frac{14}{45}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
88148	1358	630	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{29}{126}$	$\frac{13}{42}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}\ \Phi_{126}^{2}\ \Phi_{105}\ \Phi_{90}^{3}\ \Phi_{70}\ \Phi_{63}^{2}\ \Phi_{45}^{3}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}^{2}\ \Phi_{10}\ \Phi_{9}^{2}\ \Phi_{6}$
88149	1358	138	$\frac{1}{23}$	$\frac{5}{46}$	$\frac{11}{46}$	$\frac{41}{138}$	$\Phi_{138}^{14}\ \Phi_{69}^{14}\ \Phi_{46}^{2}\ \Phi_{23}\ \Phi_{6}^{14}\ \Phi_{3}^{14}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
88150	1358	138	$\frac{2}{23}$	$\frac{5}{46}$	$\frac{3}{23}$	$\frac{41}{138}$	$\Phi_{138}^{14}\ \Phi_{69}^{14}\ \Phi_{23}^{3}\ \Phi_{6}^{14}\ \Phi_{3}^{14}\ \Phi_{1}^{4}$
88151	1358	2184	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{12}{91}$	$\frac{79}{273}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}\ \Phi_{168}\ \Phi_{156}\ \Phi_{104}\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}\ \Phi_{42}\ \Phi_{26}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
88152	1358	118	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{21}{118}$	$\frac{17}{59}$	$\Phi_{118}^{14}\ \Phi_{59}^{9}\ \Phi_{2}^{14}\ \Phi_{1}^{10}$
88153	1358	1080	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{45}$	$\frac{38}{135}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{216}^{2}\ \Phi_{120}\ \Phi_{108}^{2}\ \Phi_{60}\ \Phi_{54}^{2}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
88154	1358	828	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{149}{828}$	$\frac{58}{207}$	$\Phi_{828}^{2}\ \Phi_{414}^{2}\ \Phi_{276}^{2}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{36}^{2}\ \Phi_{23}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
88155	1358	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{23}{120}$	$\frac{7}{30}$	$\Phi_{120}^{11}\ \Phi_{60}^{11}\ \Phi_{40}^{11}\ \Phi_{30}^{13}\ \Phi_{24}^{11}\ \Phi_{20}^{11}\ \Phi_{15}^{12}\ \Phi_{12}^{11}\ \Phi_{10}^{13}\ \Phi_{8}^{10}\ \Phi_{6}^{13}\ \Phi_{5}^{12}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
88156	1358	115	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{18}{115}$	$\frac{5}{23}$	$\Phi_{115}^{14}\ \Phi_{23}^{3}\ \Phi_{5}^{14}\ \Phi_{1}^{4}$
88157	1359	776	$\frac{1}{194}$	$\frac{65}{388}$	$\frac{323}{776}$	$\frac{193}{388}$	$\Phi_{776}^{3}\ \Phi_{388}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
88158	1359	1200	$\frac{1}{150}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{149}{300}$	$\Phi_{1200}^{2}\ \Phi_{400}^{2}\ \Phi_{300}\ \Phi_{240}^{2}\ \Phi_{100}\ \Phi_{80}^{2}\ \Phi_{60}\ \Phi_{48}^{2}\ \Phi_{20}\ \Phi_{16}^{3}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
88159	1359	300	$\frac{1}{150}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{149}{300}$	$\Phi_{300}^{5}\ \Phi_{150}^{4}\ \Phi_{100}^{5}\ \Phi_{75}^{4}\ \Phi_{60}^{5}\ \Phi_{50}^{4}\ \Phi_{30}^{4}\ \Phi_{25}^{4}\ \Phi_{20}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{7}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
88160	1359	896	$\frac{5}{448}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{443}{896}$	$\Phi_{896}^{3}\ \Phi_{128}^{3}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
88161	1359	896	$\frac{5}{448}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{443}{896}$	$\Phi_{896}^{3}\ \Phi_{128}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
88162	1359	1820	$\frac{6}{455}$	$\frac{1}{7}$	$\frac{461}{1820}$	$\frac{449}{910}$	$\Phi_{1820}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{140}\ \Phi_{91}\ \Phi_{65}\ \Phi_{52}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{13}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
88163	1359	1480	$\frac{3}{148}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{145}{296}$	$\Phi_{1480}^{2}\ \Phi_{296}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
88164	1359	2660	$\frac{29}{1330}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1301}{2660}$	$\Phi_{2660}\ \Phi_{532}\ \Phi_{380}\ \Phi_{140}\ \Phi_{76}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
88165	1359	182	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{31}{182}$	$\frac{89}{182}$	$\Phi_{182}^{6}\ \Phi_{91}^{9}\ \Phi_{26}^{6}\ \Phi_{14}^{6}\ \Phi_{13}^{9}\ \Phi_{7}^{8}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
88166	1359	1440	$\frac{7}{144}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{137}{288}$	$\Phi_{1440}^{2}\ \Phi_{480}^{2}\ \Phi_{288}\ \Phi_{160}^{2}\ \Phi_{96}\ \Phi_{40}^{2}\ \Phi_{32}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
88167	1359	490	$\frac{2}{35}$	$\frac{37}{490}$	$\frac{1}{7}$	$\frac{33}{70}$	$\Phi_{490}^{3}\ \Phi_{245}^{3}\ \Phi_{98}^{3}\ \Phi_{49}^{3}\ \Phi_{35}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
88168	1359	1456	$\frac{6}{91}$	$\frac{97}{1456}$	$\frac{1}{7}$	$\frac{85}{182}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{208}\ \Phi_{112}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
88169	1359	1568	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{209}{1568}$	$\frac{183}{392}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{224}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{49}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
88170	1359	2548	$\frac{6}{91}$	$\frac{85}{1274}$	$\frac{1}{7}$	$\frac{1189}{2548}$	$\Phi_{2548}\ \Phi_{364}\ \Phi_{196}\ \Phi_{91}\ \Phi_{52}\ \Phi_{28}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
88171	1359	2548	$\frac{85}{1274}$	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1189}{2548}$	$\Phi_{2548}\ \Phi_{364}\ \Phi_{196}\ \Phi_{98}\ \Phi_{52}\ \Phi_{49}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
88172	1359	224	$\frac{5}{224}$	$\frac{1}{14}$	$\frac{73}{224}$	$\frac{13}{28}$	$\Phi_{224}^{6}\ \Phi_{112}^{6}\ \Phi_{56}^{6}\ \Phi_{32}^{6}\ \Phi_{28}^{7}\ \Phi_{16}^{6}\ \Phi_{14}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{6}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
88173	1359	1400	$\frac{41}{1400}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{50}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
88174	1359	1792	$\frac{15}{448}$	$\frac{1}{14}$	$\frac{433}{1792}$	$\frac{13}{28}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{256}\ \Phi_{128}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
88175	1359	560	$\frac{5}{112}$	$\frac{1}{14}$	$\frac{107}{560}$	$\frac{13}{28}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{80}^{3}\ \Phi_{70}^{3}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{28}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
88176	1359	476	$\frac{23}{476}$	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{476}^{3}\ \Phi_{238}^{3}\ \Phi_{119}^{3}\ \Phi_{68}^{3}\ \Phi_{34}^{3}\ \Phi_{28}\ \Phi_{17}^{3}\ \Phi_{4}\ \Phi_{1}$
88177	1359	1456	$\frac{97}{1456}$	$\frac{1}{14}$	$\frac{15}{112}$	$\frac{13}{28}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{208}\ \Phi_{182}\ \Phi_{104}\ \Phi_{91}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
88178	1359	1568	$\frac{15}{224}$	$\frac{1}{14}$	$\frac{209}{1568}$	$\frac{13}{28}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
88179	1359	168	$\frac{1}{14}$	$\frac{5}{56}$	$\frac{17}{168}$	$\frac{13}{28}$	$\Phi_{168}^{9}\ \Phi_{84}^{9}\ \Phi_{56}^{6}\ \Phi_{42}^{9}\ \Phi_{28}^{7}\ \Phi_{24}^{9}\ \Phi_{21}^{9}\ \Phi_{14}^{6}\ \Phi_{12}^{9}\ \Phi_{8}^{6}\ \Phi_{7}^{6}\ \Phi_{6}^{9}\ \Phi_{4}^{7}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
88180	1359	280	$\frac{2}{35}$	$\frac{11}{140}$	$\frac{1}{7}$	$\frac{129}{280}$	$\Phi_{280}^{9}\ \Phi_{56}^{9}\ \Phi_{40}^{9}\ \Phi_{35}^{3}\ \Phi_{8}^{9}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
88181	1359	2448	$\frac{2}{153}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{153}\ \Phi_{144}\ \Phi_{51}\ \Phi_{17}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
88182	1359	3600	$\frac{1}{75}$	$\frac{1}{8}$	$\frac{74}{225}$	$\frac{7}{16}$	$\Phi_{3600}\ \Phi_{720}\ \Phi_{225}\ \Phi_{144}\ \Phi_{45}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
88183	1359	400	$\frac{1}{50}$	$\frac{1}{8}$	$\frac{49}{200}$	$\frac{7}{16}$	$\Phi_{400}^{6}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}^{6}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}^{7}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
88184	1359	2480	$\frac{4}{155}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{2480}\ \Phi_{496}\ \Phi_{155}\ \Phi_{31}\ \Phi_{16}\ \Phi_{1}$
88185	1359	624	$\frac{5}{156}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{624}^{4}\ \Phi_{208}^{4}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}^{2}\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}^{3}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
88186	1359	720	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{29}{180}$	$\frac{7}{16}$	$\Phi_{720}^{4}\,\Phi_{240}^{2}\,\Phi_{180}\,\Phi_{144}^{4}\,\Phi_{90}\,\Phi_{80}^{2}\,\Phi_{60}\,\Phi_{48}^{2}\,\Phi_{45}\,\Phi_{36}\,\Phi_{20}\,\Phi_{18}\,\Phi_{16}^{3}\,\Phi_{12}\,\Phi_{9}\,\Phi_{4}\,\Phi_{1}$
88187	1359	2800	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{24}{175}$	$\frac{7}{16}$	$\Phi_{2800}\,\Phi_{560}\,\Phi_{175}\,\Phi_{112}\,\Phi_{35}\,\Phi_{16}\,\Phi_{7}\,\Phi_{1}$
88188	1359	160	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{160}^{9}\,\Phi_{80}^{7}\,\Phi_{40}^{9}\,\Phi_{32}^{9}\,\Phi_{20}^{9}\,\Phi_{16}^{8}\,\Phi_{10}^{8}\,\Phi_{8}^{9}\,\Phi_{5}^{8}\,\Phi_{4}^{9}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
88189	1359	2640	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2640}\,\Phi_{880}\,\Phi_{528}\,\Phi_{176}\,\Phi_{165}\,\Phi_{55}\,\Phi_{33}\,\Phi_{16}\,\Phi_{11}\,\Phi_{1}$
88190	1359	1330	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{18}{133}$	$\frac{115}{266}$	$\Phi_{1330}\,\Phi_{665}\,\Phi_{190}^{2}\,\Phi_{133}\,\Phi_{95}^{2}\,\Phi_{70}\,\Phi_{38}\,\Phi_{35}\,\Phi_{19}\,\Phi_{10}\,\Phi_{7}\,\Phi_{5}\,\Phi_{1}$
88191	1359	784	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{61}{392}$	$\frac{331}{784}$	$\Phi_{784}^{3}\,\Phi_{196}\,\Phi_{112}^{3}\,\Phi_{98}\,\Phi_{49}\,\Phi_{28}\,\Phi_{16}^{3}\,\Phi_{4}\,\Phi_{1}$
88192	1359	776	$\frac{1}{97}$	$\frac{65}{388}$	$\frac{32}{97}$	$\frac{323}{776}$	$\Phi_{776}^{3}\,\Phi_{97}^{2}\,\Phi_{8}^{3}\,\Phi_{1}^{3}$
88193	1359	1400	$\frac{41}{1400}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{1400}\,\Phi_{700}\,\Phi_{350}\,\Phi_{280}\,\Phi_{200}\,\Phi_{175}\,\Phi_{140}\,\Phi_{100}\,\Phi_{56}\,\Phi_{50}\,\Phi_{40}\,\Phi_{35}\,\Phi_{28}\,\Phi_{25}\,\Phi_{20}\,\Phi_{8}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
88194	1359	1940	$\frac{1}{97}$	$\frac{96}{485}$	$\frac{581}{1940}$	$\frac{389}{970}$	$\Phi_{1940}\,\Phi_{485}\,\Phi_{388}\,\Phi_{20}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
88195	1359	728	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{89}{364}$	$\frac{275}{728}$	$\Phi_{728}^{3}\,\Phi_{104}^{3}\,\Phi_{91}^{3}\,\Phi_{56}^{3}\,\Phi_{13}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
88196	1359	154	$\frac{3}{154}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{154}^{9}\,\Phi_{77}^{9}\,\Phi_{22}^{9}\,\Phi_{14}^{6}\,\Phi_{11}^{9}\,\Phi_{7}^{8}\,\Phi_{2}^{6}\,\Phi_{1}^{9}$
88197	1359	1140	$\frac{1}{38}$	$\frac{1}{10}$	$\frac{37}{114}$	$\frac{77}{228}$	$\Phi_{1140}^{2}\,\Phi_{380}^{2}\,\Phi_{228}\,\Phi_{190}^{2}\,\Phi_{95}^{2}\,\Phi_{76}\,\Phi_{60}^{2}\,\Phi_{38}\,\Phi_{20}^{2}\,\Phi_{19}\,\Phi_{12}\,\Phi_{10}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
88198	1359	194	$\frac{1}{97}$	$\frac{43}{194}$	$\frac{32}{97}$	$\frac{65}{194}$	$\Phi_{194}^{6}\,\Phi_{97}^{8}\,\Phi_{2}^{6}\,\Phi_{1}^{9}$
88199	1359	679	$\frac{4}{679}$	$\frac{225}{679}$	$\frac{226}{679}$	$\frac{227}{679}$	$\Phi_{679}^{2}\,\Phi_{97}^{2}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
88200	1359	612	$\frac{2}{153}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{612}^{2}\,\Phi_{306}^{2}\,\Phi_{204}^{2}\,\Phi_{153}^{3}\,\Phi_{102}^{2}\,\Phi_{68}^{2}\,\Phi_{51}^{3}\,\Phi_{36}^{2}\,\Phi_{34}^{2}\,\Phi_{18}^{2}\,\Phi_{17}^{3}\,\Phi_{9}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
88201	1359	900	$\frac{1}{75}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{74}{225}$	$\Phi_{900}^{2}\,\Phi_{450}^{2}\,\Phi_{225}^{3}\,\Phi_{180}^{2}\,\Phi_{90}^{2}\,\Phi_{45}^{3}\,\Phi_{36}^{2}\,\Phi_{18}^{2}\,\Phi_{9}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
88202	1359	224	$\frac{5}{224}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{73}{224}$	$\Phi_{224}^{6}\,\Phi_{112}^{6}\,\Phi_{56}^{6}\,\Phi_{32}^{6}\,\Phi_{28}^{6}\,\Phi_{16}^{6}\,\Phi_{14}^{6}\,\Phi_{8}^{6}\,\Phi_{7}^{8}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{9}$
88203	1359	665	$\frac{29}{665}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{212}{665}$	$\Phi_{665}^{2}\,\Phi_{133}^{2}\,\Phi_{95}^{2}\,\Phi_{35}^{3}\,\Phi_{19}^{2}\,\Phi_{7}^{2}\,\Phi_{5}^{3}\,\Phi_{1}^{3}$
88204	1359	175	$\frac{2}{35}$	$\frac{24}{175}$	$\frac{1}{7}$	$\frac{11}{35}$	$\Phi_{175}^{9}\,\Phi_{35}^{3}\,\Phi_{25}^{9}\,\Phi_{7}^{2}\,\Phi_{5}^{3}\,\Phi_{1}^{3}$
88205	1359	196	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{45}{196}$	$\frac{61}{196}$	$\Phi_{196}^{7}\,\Phi_{98}^{7}\,\Phi_{49}^{7}\,\Phi_{28}^{7}\,\Phi_{14}^{6}\,\Phi_{7}^{6}\,\Phi_{4}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
88206	1359	1080	$\frac{7}{72}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{65}{216}$	$\Phi_{1080}^{2}\,\Phi_{540}^{2}\,\Phi_{270}^{2}\,\Phi_{216}\,\Phi_{135}^{2}\,\Phi_{108}\,\Phi_{54}\,\Phi_{40}^{2}\,\Phi_{27}\,\Phi_{20}^{2}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
88207	1359	840	$\frac{1}{10}$	$\frac{17}{168}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{840}^{2}\,\Phi_{420}^{2}\,\Phi_{280}^{2}\,\Phi_{210}^{2}\,\Phi_{168}\,\Phi_{140}^{2}\,\Phi_{105}^{2}\,\Phi_{84}\,\Phi_{70}^{2}\,\Phi_{56}\,\Phi_{42}\,\Phi_{40}^{2}\,\Phi_{35}^{2}\,\Phi_{28}\,\Phi_{21}\,\Phi_{20}^{2}\,\Phi_{14}\,\Phi_{10}\,\Phi_{8}\,\Phi_{7}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
88208	1359	637	$\frac{6}{91}$	$\frac{85}{637}$	$\frac{1}{7}$	$\frac{184}{637}$	$\Phi_{637}^{2}\,\Phi_{91}^{3}\,\Phi_{49}^{2}\,\Phi_{13}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
88209	1359	560	$\frac{5}{112}$	$\frac{1}{7}$	$\frac{107}{560}$	$\frac{2}{7}$	$\Phi_{560}^{3}\,\Phi_{280}^{3}\,\Phi_{140}^{3}\,\Phi_{80}^{3}\,\Phi_{70}^{3}\,\Phi_{40}^{3}\,\Phi_{35}^{3}\,\Phi_{20}^{3}\,\Phi_{10}^{3}\,\Phi_{7}^{2}\,\Phi_{5}^{3}\,\Phi_{1}^{3}$
88210	1359	476	$\frac{23}{476}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{476}^{3}\,\Phi_{238}^{3}\,\Phi_{119}^{3}\,\Phi_{68}^{3}\,\Phi_{34}^{3}\,\Phi_{17}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
88211	1359	168	$\frac{5}{56}$	$\frac{17}{168}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{168}^{9}\,\Phi_{84}^{9}\,\Phi_{56}^{6}\,\Phi_{42}^{9}\,\Phi_{28}^{6}\,\Phi_{24}^{9}\,\Phi_{21}^{9}\,\Phi_{14}^{6}\,\Phi_{12}^{9}\,\Phi_{8}^{6}\,\Phi_{7}^{8}\,\Phi_{6}^{9}\,\Phi_{4}^{6}\,\Phi_{3}^{9}\,\Phi_{2}^{6}\,\Phi_{1}^{9}$
88212	1359	210	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{59}{210}$	$\Phi_{210}^{9}\,\Phi_{105}^{9}\,\Phi_{42}^{9}\,\Phi_{35}^{3}\,\Phi_{30}^{9}\,\Phi_{21}^{9}\,\Phi_{15}^{9}\,\Phi_{7}^{2}\,\Phi_{6}^{9}\,\Phi_{5}^{3}\,\Phi_{3}^{9}\,\Phi_{1}^{3}$
88213	1359	200	$\frac{1}{50}$	$\frac{49}{200}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{200}^{9}\,\Phi_{100}^{5}\,\Phi_{50}^{4}\,\Phi_{40}^{9}\,\Phi_{25}^{4}\,\Phi_{20}^{5}\,\Phi_{10}^{4}\,\Phi_{8}^{9}\,\Phi_{5}^{4}\,\Phi_{4}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
88214	1359	620	$\frac{4}{155}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{620}^{2}\,\Phi_{310}^{2}\,\Phi_{155}^{3}\,\Phi_{124}^{2}\,\Phi_{62}^{2}\,\Phi_{31}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
88215	1359	156	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{156}^{9}\,\Phi_{78}^{9}\,\Phi_{52}^{9}\,\Phi_{39}^{9}\,\Phi_{26}^{9}\,\Phi_{13}^{9}\,\Phi_{12}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{7}\,\Phi_{3}^{4}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
88216	1359	180	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{180}^{9}\,\Phi_{90}^{9}\,\Phi_{60}^{5}\,\Phi_{45}^{9}\,\Phi_{36}^{9}\,\Phi_{30}^{4}\,\Phi_{20}^{5}\,\Phi_{18}^{9}\,\Phi_{15}^{4}\,\Phi_{12}^{5}\,\Phi_{10}^{4}\,\Phi_{9}^{9}\,\Phi_{6}^{4}\,\Phi_{5}^{4}\,\Phi_{4}^{7}\,\Phi_{3}^{4}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
88217	1359	700	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{700}^{2}\,\Phi_{350}^{2}\,\Phi_{175}^{3}\,\Phi_{140}^{2}\,\Phi_{70}^{2}\,\Phi_{35}^{3}\,\Phi_{28}^{2}\,\Phi_{14}^{2}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
88218	1359	160	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{160}^{9}\,\Phi_{80}^{9}\,\Phi_{40}^{9}\,\Phi_{32}^{9}\,\Phi_{20}^{5}\,\Phi_{16}^{9}\,\Phi_{10}^{4}\,\Phi_{8}^{9}\,\Phi_{5}^{4}\,\Phi_{4}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
88219	1359	660	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{660}^{2}\,\Phi_{330}^{2}\,\Phi_{220}^{2}\,\Phi_{165}^{3}\,\Phi_{132}^{2}\,\Phi_{110}^{2}\,\Phi_{66}^{2}\,\Phi_{55}^{3}\,\Phi_{44}^{2}\,\Phi_{33}^{3}\,\Phi_{22}^{2}\,\Phi_{11}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
88220	1359	560	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{107}{560}$	$\frac{33}{140}$	$\Phi_{560}^{3}\,\Phi_{280}^{3}\,\Phi_{112}^{3}\,\Phi_{80}^{3}\,\Phi_{56}^{3}\,\Phi_{40}^{3}\,\Phi_{35}^{3}\,\Phi_{16}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{5}^{3}\,\Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
88221	1359	960	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{192}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{192}\ \Phi_{160}^2\ \Phi_{96}\ \Phi_{64}\ \Phi_{40}^2\ \Phi_{32}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
88222	1360	339	$\frac{1}{339}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{169}{339}$	$\Phi_{339}^4\ \Phi_{113}^4\ \Phi_3^5\ \Phi_1^6$
88223	1360	1359	$\frac{5}{1359}$	$\frac{341}{1359}$	$\frac{509}{1359}$	$\frac{677}{1359}$	$\Phi_{1359}\ \Phi_{453}\ \Phi_{151}\ \Phi_9\ \Phi_3\ \Phi_1^2$
88224	1360	2168	$\frac{1}{271}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{135}{271}$	$\Phi_{2168}\ \Phi_{271}\ \Phi_8^2\ \Phi_1^2$
88225	1360	681	$\frac{1}{227}$	$\frac{57}{227}$	$\frac{1}{3}$	$\frac{113}{227}$	$\Phi_{681}^3\ \Phi_3^2$
88226	1360	1183	$\frac{1}{169}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{84}{169}$	$\Phi_{1183}\ \Phi_{169}^2\ \Phi_{91}\ \Phi_{13}^2\ \Phi_7^2\ \Phi_1^4$
88227	1360	2535	$\frac{1}{169}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{84}{169}$	$\Phi_{2535}\ \Phi_{195}\ \Phi_{15}^2$
88228	1360	151	$\frac{1}{151}$	$\frac{19}{151}$	$\frac{66}{151}$	$\frac{75}{151}$	$\Phi_{151}^9\ \Phi_1^{10}$
88229	1360	453	$\frac{1}{151}$	$\frac{113}{453}$	$\frac{38}{151}$	$\frac{75}{151}$	$\Phi_{453}^4\ \Phi_{151}\ \Phi_3^4\ \Phi_1^2$
88230	1360	135	$\frac{1}{135}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{67}{135}$	$\Phi_{135}^{10}\ \Phi_{45}^{10}\ \Phi_{27}^{10}\ \Phi_{15}^{10}\ \Phi_9^{11}\ \Phi_5^{10}\ \Phi_3^{11}\ \Phi_1^{12}$
88231	1360	270	$\frac{1}{135}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{67}{135}$	$\Phi_{270}^6\ \Phi_{135}^4\ \Phi_{90}^6\ \Phi_{54}^6\ \Phi_{45}^4\ \Phi_{30}^6\ \Phi_{27}^4\ \Phi_{18}^6\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_9^4\ \Phi_6^8\ \Phi_5^4\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
88232	1360	1359	$\frac{11}{1359}$	$\frac{137}{1359}$	$\frac{611}{1359}$	$\frac{674}{1359}$	$\Phi_{1359}\ \Phi_{453}\ \Phi_{151}\ \Phi_9\ \Phi_3\ \Phi_1^2$
88233	1360	1705	$\frac{3}{341}$	$\frac{1}{5}$	$\frac{86}{341}$	$\frac{169}{341}$	$\Phi_{1705}\ \Phi_{155}\ \Phi_{55}$
88234	1360	1359	$\frac{13}{1359}$	$\frac{254}{1359}$	$\frac{343}{1359}$	$\frac{673}{1359}$	$\Phi_{1359}\ \Phi_{453}\ \Phi_{151}\ \Phi_9\ \Phi_3\ \Phi_1^2$
88235	1360	681	$\frac{7}{681}$	$\frac{86}{681}$	$\frac{1}{3}$	$\frac{337}{681}$	$\Phi_{681}^2\ \Phi_{227}^2\ \Phi_3\ \Phi_1^2$
88236	1360	546	$\frac{1}{91}$	$\frac{1}{6}$	$\frac{23}{91}$	$\frac{45}{91}$	$\Phi_{546}^3\ \Phi_{273}^3\ \Phi_{182}^3\ \Phi_{78}^3\ \Phi_{42}^3\ \Phi_{39}^3\ \Phi_{26}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
88237	1360	840	$\frac{1}{84}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{83}{168}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{168}^4\ \Phi_{120}^3\ \Phi_{56}^4\ \Phi_{40}^3\ \Phi_{24}^4\ \Phi_{15}\ \Phi_8^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
88238	1360	504	$\frac{1}{84}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{83}{168}$	$\Phi_{504}^6\ \Phi_{168}^4\ \Phi_{72}^6\ \Phi_{56}^4\ \Phi_{24}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
88239	1360	840	$\frac{1}{84}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{83}{168}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{168}^4\ \Phi_{120}^3\ \Phi_{56}^4\ \Phi_{40}^3\ \Phi_{24}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_1^4$
88240	1360	1359	$\frac{17}{1359}$	$\frac{203}{1359}$	$\frac{344}{1359}$	$\frac{671}{1359}$	$\Phi_{1359}\ \Phi_{453}\ \Phi_{151}\ \Phi_9\ \Phi_3\ \Phi_1^2$
88241	1360	2528	$\frac{1}{79}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{39}{79}$	$\Phi_{2528}\ \Phi_{79}\ \Phi_{32}^2\ \Phi_1^2$
88242	1360	1896	$\frac{1}{79}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{39}{79}$	$\Phi_{1896}\ \Phi_{948}\ \Phi_{474}\ \Phi_{237}\ \Phi_{79}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
88243	1360	1580	$\frac{1}{79}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{39}{79}$	$\Phi_{1580}\ \Phi_{790}\ \Phi_{395}\ \Phi_{79}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
88244	1360	681	$\frac{3}{227}$	$\frac{23}{227}$	$\frac{1}{3}$	$\frac{112}{227}$	$\Phi_{681}^3\ \Phi_3^2$
88245	1360	1273	$\frac{1}{67}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{33}{67}$	$\Phi_{1273}\ \Phi_{67}^2\ \Phi_{19}^2\ \Phi_1^4$
88246	1360	2211	$\frac{1}{67}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{33}{67}$	$\Phi_{2211}\ \Phi_{33}^2$
88247	1360	1273	$\frac{1}{67}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{33}{67}$	$\Phi_{1273}\ \Phi_{67}^2\ \Phi_{19}^2\ \Phi_1^4$
88248	1360	2010	$\frac{1}{67}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{33}{67}$	$\Phi_{2010}\ \Phi_{1005}\ \Phi_{670}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
88249	1360	453	$\frac{7}{453}$	$\frac{23}{453}$	$\frac{215}{453}$	$\frac{223}{453}$	$\Phi_{453}^3\ \Phi_{151}^3\ \Phi_3^3\ \Phi_1^4$
88250	1360	342	$\frac{1}{57}$	$\frac{1}{9}$	$\frac{29}{114}$	$\frac{28}{57}$	$\Phi_{342}^6\ \Phi_{171}^3\ \Phi_{114}^4\ \Phi_{57}^2\ \Phi_{38}^4\ \Phi_{19}^2\ \Phi_{18}^6\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
88251	1360	333	$\frac{7}{333}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{163}{333}$	$\Phi_{333}^4\ \Phi_{111}^4\ \Phi_{37}^4\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
88252	1360	1507	$\frac{3}{137}$	$\frac{1}{11}$	$\frac{35}{137}$	$\frac{67}{137}$	Φ_{1507}
88253	1360	798	$\frac{3}{133}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{65}{133}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{42}^3\ \Phi_{38}^2\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
88254	1360	1359	$\frac{31}{1359}$	$\frac{139}{1359}$	$\frac{305}{1359}$	$\frac{664}{1359}$	$\Phi_{1359}\ \Phi_{453}\ \Phi_{151}\ \Phi_9\ \Phi_3\ \Phi_1^2$
88255	1360	453	$\frac{11}{453}$	$\frac{58}{453}$	$\frac{79}{453}$	$\frac{221}{453}$	$\Phi_{453}^3\ \Phi_{151}^3\ \Phi_3^3\ \Phi_1^4$
88256	1360	429	$\frac{1}{39}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{19}{39}$	$\Phi_{429}^3\ \Phi_{143}^3\ \Phi_{39}^4\ \Phi_{33}^4\ \Phi_{13}^4\ \Phi_{11}^4\ \Phi_3^5\ \Phi_1^6$
88257	1360	234	$\frac{1}{39}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{234}^6\ \Phi_{117}^6\ \Phi_{78}^6\ \Phi_{39}^4\ \Phi_{26}^6\ \Phi_{18}^8\ \Phi_{13}^4\ \Phi_9^8\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
88258	1360	858	$\frac{1}{39}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{19}{39}$	$\Phi_{858}^2\ \Phi_{429}\ \Phi_{286}^2\ \Phi_{143}\ \Phi_{78}^2\ \Phi_{66}^2\ \Phi_{39}^2\ \Phi_{33}\ \Phi_{26}^2\ \Phi_{22}^4\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
88259	1360	78	$\frac{1}{39}$	$\frac{5}{39}$	$\frac{1}{6}$	$\frac{19}{39}$	$\Phi_{78}^{21}\ \Phi_{39}^{14}\ \Phi_{26}^{21}\ \Phi_{13}^{14}\ \Phi_{6}^{20}\ \Phi_{3}^{13}\ \Phi_{2}^{20}\ \Phi_{1}^{14}$
88260	1360	1359	$\frac{35}{1359}$	$\frac{41}{1359}$	$\frac{659}{1359}$	$\frac{662}{1359}$	$\Phi_{1359}\ \Phi_{453}\ \Phi_{151}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
88261	1360	1705	$\frac{9}{341}$	$\frac{35}{341}$	$\frac{1}{5}$	$\frac{166}{341}$	$\Phi_{1705}\ \Phi_{155}\ \Phi_{55}$
88262	1360	1359	$\frac{37}{1359}$	$\frac{101}{1359}$	$\frac{349}{1359}$	$\frac{661}{1359}$	$\Phi_{1359}\ \Phi_{453}\ \Phi_{151}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
88263	1360	681	$\frac{19}{681}$	$\frac{35}{681}$	$\frac{1}{3}$	$\frac{331}{681}$	$\Phi_{681}^{2}\ \Phi_{227}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
88264	1360	231	$\frac{1}{33}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{231}^{6}\ \Phi_{77}^{6}\ \Phi_{33}^{4}\ \Phi_{21}^{8}\ \Phi_{11}^{4}\ \Phi_{7}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
88265	1360	429	$\frac{1}{33}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{16}{33}$	$\Phi_{429}^{3}\ \Phi_{143}^{3}\ \Phi_{39}^{3}\ \Phi_{33}^{4}\ \Phi_{13}^{6}\ \Phi_{11}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
88266	1360	165	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{16}{33}$	$\Phi_{165}^{10}\ \Phi_{55}^{11}\ \Phi_{15}^{10}\ \Phi_{5}^{10}$
88267	1360	429	$\frac{1}{33}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{16}{33}$	$\Phi_{429}^{3}\ \Phi_{143}^{3}\ \Phi_{39}^{4}\ \Phi_{33}^{4}\ \Phi_{13}^{4}\ \Phi_{11}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
88268	1360	198	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{16}{33}$	$\Phi_{198}^{9}\ \Phi_{99}^{6}\ \Phi_{66}^{6}\ \Phi_{33}^{4}\ \Phi_{22}^{6}\ \Phi_{18}^{12}\ \Phi_{11}^{4}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
88269	1360	465	$\frac{1}{31}$	$\frac{8}{93}$	$\frac{1}{5}$	$\frac{15}{31}$	$\Phi_{465}^{4}\ \Phi_{155}^{3}\ \Phi_{15}^{4}\ \Phi_{5}^{2}$
88270	1360	54	$\frac{1}{27}$	$\frac{1}{18}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{54}^{27}\ \Phi_{27}^{24}\ \Phi_{18}^{26}\ \Phi_{9}^{23}\ \Phi_{6}^{26}\ \Phi_{3}^{23}\ \Phi_{2}^{26}\ \Phi_{1}^{24}$
88271	1360	483	$\frac{1}{23}$	$\frac{1}{21}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{483}^{3}\ \Phi_{161}^{3}\ \Phi_{69}^{3}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}$
88272	1360	1359	$\frac{61}{1359}$	$\frac{71}{1359}$	$\frac{322}{1359}$	$\frac{649}{1359}$	$\Phi_{1359}\ \Phi_{453}\ \Phi_{151}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
88273	1360	390	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{31}{65}$	$\Phi_{390}^{4}\ \Phi_{195}^{4}\ \Phi_{130}^{4}\ \Phi_{78}^{5}\ \Phi_{39}^{5}\ \Phi_{30}^{4}\ \Phi_{26}^{5}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
88274	1360	294	$\frac{1}{21}$	$\frac{11}{147}$	$\frac{1}{6}$	$\frac{10}{21}$	$\Phi_{294}^{6}\ \Phi_{147}^{4}\ \Phi_{98}^{6}\ \Phi_{49}^{4}\ \Phi_{42}^{3}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
88275	1360	1359	$\frac{59}{1359}$	$\frac{65}{1359}$	$\frac{356}{1359}$	$\frac{647}{1359}$	$\Phi_{1359}\ \Phi_{453}\ \Phi_{151}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
88276	1360	1359	$\frac{65}{1359}$	$\frac{89}{1359}$	$\frac{254}{1359}$	$\frac{647}{1359}$	$\Phi_{1359}\ \Phi_{453}\ \Phi_{151}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
88277	1360	681	$\frac{7}{227}$	$\frac{11}{227}$	$\frac{1}{3}$	$\frac{108}{227}$	$\Phi_{681}^{3}\ \Phi_{3}^{2}$
88278	1360	162	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{77}{162}$	$\Phi_{162}^{16}\ \Phi_{54}^{16}\ \Phi_{18}^{16}\ \Phi_{9}^{7}\ \Phi_{6}^{16}\ \Phi_{3}^{7}\ \Phi_{2}^{16}\ \Phi_{1}^{8}$
88279	1360	1507	$\frac{7}{137}$	$\frac{1}{11}$	$\frac{18}{137}$	$\frac{65}{137}$	Φ_{1507}
88280	1360	1359	$\frac{71}{1359}$	$\frac{143}{1359}$	$\frac{152}{1359}$	$\frac{644}{1359}$	$\Phi_{1359}\ \Phi_{453}\ \Phi_{151}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
88281	1360	1995	$\frac{1}{35}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{1995}\ \Phi_{399}\ \Phi_{285}\ \Phi_{105}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}$
88282	1360	1273	$\frac{3}{67}$	$\frac{1}{19}$	$\frac{16}{67}$	$\frac{9}{19}$	$\Phi_{1273}\ \Phi_{67}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
88283	1360	1710	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
88284	1360	171	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{9}$	$\frac{9}{19}$	$\Phi_{171}^{9}\ \Phi_{57}^{9}\ \Phi_{9}^{8}\ \Phi_{3}^{8}$
88285	1360	1359	$\frac{73}{1359}$	$\frac{118}{1359}$	$\frac{179}{1359}$	$\frac{643}{1359}$	$\Phi_{1359}\ \Phi_{453}\ \Phi_{151}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
88286	1360	546	$\frac{5}{91}$	$\frac{6}{91}$	$\frac{1}{6}$	$\frac{43}{91}$	$\Phi_{546}^{3}\ \Phi_{273}^{3}\ \Phi_{182}^{3}\ \Phi_{78}^{3}\ \Phi_{42}^{3}\ \Phi_{39}^{3}\ \Phi_{26}^{3}\ \Phi_{21}^{3}\ \Phi_{14}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
88287	1360	1705	$\frac{18}{341}$	$\frac{19}{341}$	$\frac{1}{5}$	$\frac{161}{341}$	$\Phi_{1705}\ \Phi_{155}\ \Phi_{55}$
88288	1360	1359	$\frac{50}{1359}$	$\frac{77}{1359}$	$\frac{359}{1359}$	$\frac{641}{1359}$	$\Phi_{1359}\ \Phi_{453}\ \Phi_{151}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
88289	1360	681	$\frac{6}{227}$	$\frac{13}{227}$	$\frac{1}{3}$	$\frac{107}{227}$	$\Phi_{681}^{3}\ \Phi_{3}^{2}$
88290	1360	3936	$\frac{1}{41}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{3936}\ \Phi_{123}$
88291	1360	2528	$\frac{3}{79}$	$\frac{1}{16}$	$\frac{19}{79}$	$\frac{15}{32}$	$\Phi_{2528}\ \Phi_{79}\ \Phi_{32}^{2}\ \Phi_{1}^{2}$
88292	1360	3360	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{480}\ \Phi_{105}\ \Phi_{35}\ \Phi_{15}$
88293	1360	2528	$\frac{4}{79}$	$\frac{1}{16}$	$\frac{15}{79}$	$\frac{15}{32}$	$\Phi_{2528}\ \Phi_{79}\ \Phi_{32}^{2}\ \Phi_{1}^{2}$
88294	1360	1632	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{1632}^{2}\ \Phi_{544}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
88295	1360	2528	$\frac{1}{16}$	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{15}{32}$	$\Phi_{2528}\ \Phi_{79}\ \Phi_{32}^{2}\ \Phi_{1}^{2}$
88296	1360	3168	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{15}{32}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{99}\ \Phi_{33}$
88297	1360	435	$\frac{2}{87}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{435}^{3}\ \Phi_{145}^{3}\ \Phi_{87}^{4}\ \Phi_{29}^{4}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
88298	1360	630	$\frac{1}{42}$	$\frac{1}{15}$	$\frac{41}{126}$	$\frac{7}{15}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{126}^4\ \Phi_{90}^3\ \Phi_{63}^4\ \Phi_{45}^3\ \Phi_{18}^4\ \Phi_{15}\ \Phi_9^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
88299	1360	1320	$\frac{3}{88}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
88300	1360	1680	$\frac{1}{28}$	$\frac{1}{15}$	$\frac{27}{112}$	$\frac{7}{15}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}^2\ \Phi_{80}\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
88301	1360	105	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{4}{21}$	$\frac{7}{15}$	$\Phi_{105}^{12}\ \Phi_{35}^{12}\ \Phi_{21}^{16}\ \Phi_{15}^{13}\ \Phi_7^{16}\ \Phi_5^{13}\ \Phi_3^{17}\ \Phi_1^{18}$
88302	1360	90	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{90}^{15}\ \Phi_{45}^{15}\ \Phi_{30}^{12}\ \Phi_{18}^{20}\ \Phi_{15}^{13}\ \Phi_{10}^{12}\ \Phi_9^{20}\ \Phi_6^{16}\ \Phi_5^{13}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
88303	1360	1365	$\frac{6}{91}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{91}^2\ \Phi_{65}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
88304	1360	1470	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{7}{15}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{294}\ \Phi_{245}\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
88305	1360	480	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{7}{15}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^4\ \Phi_{80}^3\ \Phi_{48}^4\ \Phi_{40}^3\ \Phi_{32}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{15}\ \Phi_8^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
88306	1360	1435	$\frac{1}{35}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{1435}\ \Phi_{287}\ \Phi_{205}$
88307	1360	1359	$\frac{43}{1359}$	$\frac{103}{1359}$	$\frac{329}{1359}$	$\frac{628}{1359}$	$\Phi_{1359}\ \Phi_{453}\ \Phi_{151}\ \Phi_9\ \Phi_3\ \Phi_1^2$
88308	1360	858	$\frac{7}{143}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{286}^2\ \Phi_{78}\ \Phi_{66}^2\ \Phi_{39}\ \Phi_{33}^2\ \Phi_{26}\ \Phi_{22}^2$
88309	1360	126	$\frac{1}{21}$	$\frac{5}{63}$	$\frac{1}{6}$	$\frac{29}{63}$	$\Phi_{126}^{12}\ \Phi_{63}^8\ \Phi_{42}^{15}\ \Phi_{21}^{10}\ \Phi_{18}^{12}\ \Phi_{14}^{15}\ \Phi_9^8\ \Phi_7^{10}\ \Phi_6^{14}\ \Phi_3^9\ \Phi_2^{14}\ \Phi_1^{10}$
88310	1360	162	$\frac{1}{18}$	$\frac{7}{81}$	$\frac{11}{81}$	$\frac{37}{81}$	$\Phi_{162}^9\ \Phi_{81}^8\ \Phi_{54}^9\ \Phi_{27}^8\ \Phi_{18}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
88311	1360	440	$\frac{3}{88}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{440}^4\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{55}^3\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^2$
88312	1360	453	$\frac{23}{453}$	$\frac{43}{453}$	$\frac{62}{453}$	$\frac{205}{453}$	$\Phi_{453}^3\ \Phi_{151}^3\ \Phi_3^3\ \Phi_1^4$
88313	1360	155	$\frac{1}{31}$	$\frac{3}{31}$	$\frac{1}{5}$	$\frac{14}{31}$	$\Phi_{155}^{11}\ \Phi_5^{10}$
88314	1360	1359	$\frac{29}{1359}$	$\frac{133}{1359}$	$\frac{373}{1359}$	$\frac{613}{1359}$	$\Phi_{1359}\ \Phi_{453}\ \Phi_{151}\ \Phi_9\ \Phi_3\ \Phi_1^2$
88315	1360	681	$\frac{11}{681}$	$\frac{67}{681}$	$\frac{1}{3}$	$\frac{307}{681}$	$\Phi_{681}^2\ \Phi_{227}^2\ \Phi_3\ \Phi_1^2$
88316	1360	1359	$\frac{44}{1359}$	$\frac{137}{1359}$	$\frac{263}{1359}$	$\frac{611}{1359}$	$\Phi_{1359}\ \Phi_{453}\ \Phi_{151}\ \Phi_9\ \Phi_3\ \Phi_1^2$
88317	1360	207	$\frac{1}{69}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{207}^6\ \Phi_{69}^8\ \Phi_{23}^8\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
88318	1360	45	$\frac{1}{45}$	$\frac{1}{9}$	$\frac{11}{45}$	$\frac{4}{9}$	$\Phi_{45}^{30}\ \Phi_{15}^{30}\ \Phi_9^{31}\ \Phi_5^{30}\ \Phi_3^{31}\ \Phi_1^{32}$
88319	1360	315	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{45}^3\ \Phi_{35}^8\ \Phi_{21}^4\ \Phi_{15}^3\ \Phi_9^4\ \Phi_7^8\ \Phi_5^6\ \Phi_3^4\ \Phi_1^8$
88320	1360	351	$\frac{11}{351}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{351}^4\ \Phi_{117}^4\ \Phi_{39}^4\ \Phi_{27}^2\ \Phi_{13}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
88321	1360	81	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{13}{81}$	$\frac{4}{9}$	$\Phi_{81}^{20}\ \Phi_{27}^{10}\ \Phi_9^{11}\ \Phi_3^{11}\ \Phi_1^{12}$
88322	1360	135	$\frac{7}{135}$	$\frac{1}{9}$	$\frac{16}{135}$	$\frac{4}{9}$	$\Phi_{135}^{10}\ \Phi_{45}^{10}\ \Phi_{27}^{10}\ \Phi_{15}^{10}\ \Phi_9^{11}\ \Phi_5^{10}\ \Phi_3^{11}\ \Phi_1^{12}$
88323	1360	18	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{18}^{80}\ \Phi_9^{71}\ \Phi_6^{80}\ \Phi_3^{71}\ \Phi_2^{80}\ \Phi_1^{72}$
88324	1360	225	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{225}^6\ \Phi_{75}^8\ \Phi_{45}^3\ \Phi_{25}^8\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
88325	1360	1368	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{9}{76}$	$\frac{67}{152}$	$\Phi_{1368}^2\ \Phi_{456}^2\ \Phi_{171}\ \Phi_{72}^2\ \Phi_{57}\ \Phi_{24}^2$
88326	1360	1359	$\frac{71}{1359}$	$\frac{152}{1359}$	$\frac{161}{1359}$	$\frac{599}{1359}$	$\Phi_{1359}\ \Phi_{453}\ \Phi_{151}\ \Phi_9\ \Phi_3\ \Phi_1^2$
88327	1360	546	$\frac{3}{91}$	$\frac{11}{91}$	$\frac{1}{6}$	$\frac{40}{91}$	$\Phi_{546}^3\ \Phi_{273}^3\ \Phi_{182}^3\ \Phi_{78}^3\ \Phi_{42}^3\ \Phi_{39}^3\ \Phi_{26}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
88328	1360	151	$\frac{3}{151}$	$\frac{19}{151}$	$\frac{37}{151}$	$\frac{66}{151}$	$\Phi_{151}^9\ \Phi_1^{10}$
88329	1360	151	$\frac{7}{151}$	$\frac{18}{151}$	$\frac{19}{151}$	$\frac{66}{151}$	$\Phi_{151}^9\ \Phi_1^{10}$
88330	1360	810	$\frac{1}{81}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{810}^3\ \Phi_{270}^3\ \Phi_{162}^3\ \Phi_{90}^3\ \Phi_{81}^2\ \Phi_{54}^3\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
88331	1360	1230	$\frac{1}{41}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{1230}^2\ \Phi_{410}^2\ \Phi_{246}^2\ \Phi_{205}\ \Phi_{82}^2$
88332	1360	1197	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{163}{1197}$	$\frac{517}{1197}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{171}^2\ \Phi_{133}\ \Phi_{63}\ \Phi_{57}^2\ \Phi_{21}\ \Phi_{19}^2\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
88333	1360	1806	$\frac{1}{86}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{258}^2\ \Phi_{129}^2\ \Phi_{42}\ \Phi_6^2$
88334	1360	483	$\frac{1}{69}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{483}^3\ \Phi_{161}^3\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_{21}^3\ \Phi_3^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
88335	1360	1183	$\frac{4}{169}$	$\frac{1}{7}$	$\frac{33}{169}$	$\frac{3}{7}$	$\Phi_{1183}\ \Phi_{169}^2\ \Phi_{91}\ \Phi_{13}^2\ \Phi_7^2\ \Phi_1^4$
88336	1360	861	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{861}^2\ \Phi_{287}\ \Phi_{123}^2$
88337	1360	210	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{210}^8\ \Phi_{105}^8\ \Phi_{70}^8\ \Phi_{42}^7\ \Phi_{30}^8\ \Phi_{21}^7\ \Phi_{15}^8\ \Phi_{14}^7\ \Phi_{10}^8\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6$
88338	1360	1183	$\frac{9}{169}$	$\frac{16}{169}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1183}\ \Phi_{169}^2\ \Phi_{91}\ \Phi_{13}^2\ \Phi_7^2\ \Phi_1^4$
88339	1360	1386	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{198}^2\ \Phi_{154}\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2$
88340	1360	91	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{91}^{15}\ \Phi_{13}^{14}\ \Phi_7^{16}\ \Phi_1^{16}$
88341	1360	1359	$\frac{23}{1359}$	$\frac{205}{1359}$	$\frac{334}{1359}$	$\frac{577}{1359}$	$\Phi_{1359}\ \Phi_{453}\ \Phi_{151}\ \Phi_9\ \Phi_3\ \Phi_1^2$
88342	1360	234	$\frac{1}{39}$	$\frac{19}{117}$	$\frac{1}{6}$	$\frac{49}{117}$	$\Phi_{234}^6\ \Phi_{117}^4\ \Phi_{78}^9\ \Phi_{39}^6\ \Phi_{26}^9\ \Phi_{18}^6\ \Phi_{13}^6\ \Phi_9^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
88343	1360	648	$\frac{1}{81}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{648}^3\ \Phi_{216}^3\ \Phi_{162}^3\ \Phi_{81}^2\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
88344	1360	1435	$\frac{1}{35}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{1435}\ \Phi_{287}\ \Phi_{205}$
88345	1360	1359	$\frac{47}{1359}$	$\frac{164}{1359}$	$\frac{239}{1359}$	$\frac{560}{1359}$	$\Phi_{1359}\ \Phi_{453}\ \Phi_{151}\ \Phi_9\ \Phi_3\ \Phi_1^2$
88346	1360	1462	$\frac{1}{86}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1462}\ \Phi_{731}\ \Phi_{34}$
88347	1360	54	$\frac{1}{18}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{54}^{27}\ \Phi_{27}^{24}\ \Phi_{18}^{26}\ \Phi_9^{23}\ \Phi_6^{26}\ \Phi_3^{23}\ \Phi_2^{26}\ \Phi_1^{24}$
88348	1360	1359	$\frac{74}{1359}$	$\frac{101}{1359}$	$\frac{257}{1359}$	$\frac{551}{1359}$	$\Phi_{1359}\ \Phi_{453}\ \Phi_{151}\ \Phi_9\ \Phi_3\ \Phi_1^2$
88349	1360	171	$\frac{2}{57}$	$\frac{1}{9}$	$\frac{11}{57}$	$\frac{23}{57}$	$\Phi_{171}^9\ \Phi_{57}^6\ \Phi_{19}^6\ \Phi_9^8\ \Phi_3^5\ \Phi_1^6$
88350	1360	1359	$\frac{34}{1359}$	$\frac{203}{1359}$	$\frac{265}{1359}$	$\frac{547}{1359}$	$\Phi_{1359}\ \Phi_{453}\ \Phi_{151}\ \Phi_9\ \Phi_3\ \Phi_1^2$
88351	1360	1705	$\frac{6}{341}$	$\frac{67}{341}$	$\frac{1}{5}$	$\frac{137}{341}$	$\Phi_{1705}\ \Phi_{155}\ \Phi_{55}$
88352	1360	1359	$\frac{14}{1359}$	$\frac{269}{1359}$	$\frac{407}{1359}$	$\frac{545}{1359}$	$\Phi_{1359}\ \Phi_{453}\ \Phi_{151}\ \Phi_9\ \Phi_3\ \Phi_1^2$
88353	1360	681	$\frac{2}{227}$	$\frac{45}{227}$	$\frac{1}{3}$	$\frac{91}{227}$	$\Phi_{681}^3\ \Phi_3^2$
88354	1360	820	$\frac{1}{41}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{820}^2\ \Phi_{410}^2\ \Phi_{205}\ \Phi_{164}^2\ \Phi_{82}^2$
88355	1360	453	$\frac{8}{453}$	$\frac{89}{453}$	$\frac{91}{453}$	$\frac{181}{453}$	$\Phi_{453}^3\ \Phi_{151}^3\ \Phi_3^3\ \Phi_1^4$
88356	1360	1148	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{1148}^2\ \Phi_{287}\ \Phi_{164}^2$
88357	1360	1435	$\frac{1}{35}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{1435}\ \Phi_{287}\ \Phi_{205}$
88358	1360	1359	$\frac{49}{1359}$	$\frac{131}{1359}$	$\frac{307}{1359}$	$\frac{526}{1359}$	$\Phi_{1359}\ \Phi_{453}\ \Phi_{151}\ \Phi_9\ \Phi_3\ \Phi_1^2$
88359	1360	162	$\frac{1}{18}$	$\frac{5}{81}$	$\frac{19}{81}$	$\frac{31}{81}$	$\Phi_{162}^9\ \Phi_{81}^8\ \Phi_{54}^9\ \Phi_{27}^8\ \Phi_{18}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
88360	1360	453	$\frac{25}{453}$	$\frac{28}{453}$	$\frac{107}{453}$	$\frac{173}{453}$	$\Phi_{453}^3\ \Phi_{151}^3\ \Phi_3^3\ \Phi_1^4$
88361	1360	1507	$\frac{5}{137}$	$\frac{1}{11}$	$\frac{33}{137}$	$\frac{52}{137}$	Φ_{1507}
88362	1360	1359	$\frac{35}{1359}$	$\frac{169}{1359}$	$\frac{331}{1359}$	$\frac{514}{1359}$	$\Phi_{1359}\ \Phi_{453}\ \Phi_{151}\ \Phi_9\ \Phi_3\ \Phi_1^2$
88363	1360	546	$\frac{5}{273}$	$\frac{1}{6}$	$\frac{67}{273}$	$\frac{103}{273}$	$\Phi_{546}^3\ \Phi_{273}^2\ \Phi_{182}^3\ \Phi_{91}^2\ \Phi_{78}^3\ \Phi_{42}^3\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{13}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
88364	1360	1359	$\frac{11}{1359}$	$\frac{337}{1359}$	$\frac{424}{1359}$	$\frac{511}{1359}$	$\Phi_{1359}\ \Phi_{453}\ \Phi_{151}\ \Phi_9\ \Phi_3\ \Phi_1^2$
88365	1360	681	$\frac{5}{681}$	$\frac{169}{681}$	$\frac{1}{3}$	$\frac{256}{681}$	$\Phi_{681}^2\ \Phi_{227}^2\ \Phi_3\ \Phi_1^2$
88366	1360	3288	$\frac{1}{137}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{3288}\ \Phi_{411}$
88367	1360	2168	$\frac{3}{271}$	$\frac{67}{271}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2168}\ \Phi_{271}\ \Phi_8^2\ \Phi_1^2$
88368	1360	2760	$\frac{1}{69}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{345}\ \Phi_{120}\ \Phi_{115}\ \Phi_{15}$
88369	1360	2168	$\frac{7}{271}$	$\frac{33}{271}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2168}\ \Phi_{271}\ \Phi_8^2\ \Phi_1^2$
88370	1360	2520	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{21}\ \Phi_{15}$
88371	1360	2168	$\frac{15}{271}$	$\frac{16}{271}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2168}\ \Phi_{271}\ \Phi_8^2\ \Phi_1^2$
88372	1360	1224	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1224}^2\ \Phi_{408}^2\ \Phi_{306}\ \Phi_{153}\ \Phi_{136}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
88373	1360	513	$\frac{4}{171}$	$\frac{1}{9}$	$\frac{167}{513}$	$\frac{173}{513}$	$\Phi_{513}^2\ \Phi_{171}^4\ \Phi_{57}^4\ \Phi_{27}^2\ \Phi_{19}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
88374	1360	171	$\frac{1}{171}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{171}^8\ \Phi_{57}^8\ \Phi_{19}^8\ \Phi_9^8\ \Phi_3^5\ \Phi_1^6$
88375	1360	1017	$\frac{2}{339}$	$\frac{337}{1017}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1017}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
88376	1360	339	$\frac{1}{113}$	$\frac{28}{113}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{339}^3\ \Phi_{113}^6\ \Phi_3^4\ \Phi_1^8$
88377	1360	1290	$\frac{1}{86}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{430}^2\ \Phi_{215}^2\ \Phi_{30}\ \Phi_{10}^2$
88378	1360	339	$\frac{4}{339}$	$\frac{67}{339}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{339}^4\ \Phi_{113}^4\ \Phi_3^5\ \Phi_1^6$
88379	1360	138	$\frac{1}{69}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{138}^{12}\ \Phi_{69}^8\ \Phi_{46}^{12}\ \Phi_{23}^8\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
88380	1360	261	$\frac{2}{87}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{261}^6\ \Phi_{87}^4\ \Phi_{29}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
88381	1360	339	$\frac{3}{113}$	$\frac{11}{113}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{339}^3\ \Phi_{113}^6\ \Phi_3^4\ \Phi_1^8$
88382	1360	1155	$\frac{1}{35}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}^2\ \Phi_{231}\ \Phi_{165}\ \Phi_{77}^2\ \Phi_{55}^2$
88383	1360	339	$\frac{16}{339}$	$\frac{19}{339}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{339}^4\ \Phi_{113}^4\ \Phi_3^5\ \Phi_1^6$
88384	1360	126	$\frac{1}{21}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{126}^{12}\ \Phi_{63}^{12}\ \Phi_{42}^{12}\ \Phi_{21}^8\ \Phi_{18}^8\ \Phi_{14}^{12}\ \Phi_9^8\ \Phi_7^8\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
88385	1360	810	$\frac{2}{135}$	$\frac{1}{6}$	$\frac{133}{405}$	$\frac{1}{3}$	$\Phi_{810}^3\ \Phi_{405}^2\ \Phi_{162}^3\ \Phi_{81}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
88386	1360	126	$\frac{1}{42}$	$\frac{1}{9}$	$\frac{41}{126}$	$\frac{1}{3}$	$\Phi_{126}^{10}\ \Phi_{63}^{10}\ \Phi_{42}^{12}\ \Phi_{21}^{12}\ \Phi_{18}^{10}\ \Phi_{14}^{12}\ \Phi_9^{12}\ \Phi_7^{12}\ \Phi_6^{12}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
88387	1360	234	$\frac{2}{39}$	$\frac{1}{18}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{234}^6\ \Phi_{117}^5\ \Phi_{78}^6\ \Phi_{39}^6\ \Phi_{26}^6\ \Phi_{18}^8\ \Phi_{13}^6\ \Phi_9^7\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
88388	1360	693	$\frac{1}{21}$	$\frac{2}{33}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{693}^3\ \Phi_{99}^2\ \Phi_{63}^3\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
88389	1360	984	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{328}^2\ \Phi_{246}\ \Phi_{164}^2\ \Phi_{123}^2\ \Phi_{82}^2\ \Phi_{41}^2$
88390	1360	621	$\frac{1}{69}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{621}^3\ \Phi_{69}^2\ \Phi_{27}^2\ \Phi_{23}^2\ \Phi_3\ \Phi_1^2$
88391	1360	2460	$\frac{1}{41}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{615}\ \Phi_{123}$
88392	1360	792	$\frac{3}{88}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
88393	1360	90	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{11}{45}$	$\frac{1}{3}$	$\Phi_{90}^{18}\ \Phi_{45}^{12}\ \Phi_{30}^{18}\ \Phi_{18}^{18}\ \Phi_{15}^{12}\ \Phi_{10}^{18}\ \Phi_9^{12}\ \Phi_6^{20}\ \Phi_5^{12}\ \Phi_3^{13}\ \Phi_2^{20}\ \Phi_1^{14}$
88394	1360	681	$\frac{17}{681}$	$\frac{103}{681}$	$\frac{166}{681}$	$\frac{1}{3}$	$\Phi_{681}^2\ \Phi_{227}^2\ \Phi_3\ \Phi_1^2$
88395	1360	1008	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{27}{112}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
88396	1360	2211	$\frac{3}{67}$	$\frac{1}{11}$	$\frac{16}{67}$	$\frac{1}{3}$	$\Phi_{2211}\ \Phi_{33}^2$
88397	1360	681	$\frac{37}{681}$	$\frac{52}{681}$	$\frac{161}{681}$	$\frac{1}{3}$	$\Phi_{681}^2\ \Phi_{227}^2\ \Phi_3\ \Phi_1^2$
88398	1360	234	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{234}^6\ \Phi_{117}^6\ \Phi_{78}^6\ \Phi_{39}^3\ \Phi_{26}^6\ \Phi_{18}^8\ \Phi_{13}^6\ \Phi_9^8\ \Phi_6^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
88399	1360	462	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{462}^4\ \Phi_{231}^2\ \Phi_{154}^4\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{42}^4\ \Phi_{33}\ \Phi_{22}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{11}^2\ \Phi_7^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
88400	1360	681	$\frac{31}{681}$	$\frac{65}{681}$	$\frac{154}{681}$	$\frac{1}{3}$	$\Phi_{681}^2\ \Phi_{227}^2\ \Phi_3\ \Phi_1^2$
88401	1360	558	$\frac{7}{279}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{558}^3\ \Phi_{279}^2\ \Phi_{186}^3\ \Phi_{93}^2\ \Phi_{62}^3\ \Phi_{31}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
88402	1360	1995	$\frac{1}{35}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{399}\ \Phi_{285}\ \Phi_{105}^2\ \Phi_{21}^2\ \Phi_{15}^2$
88403	1360	681	$\frac{16}{681}$	$\frac{133}{681}$	$\frac{137}{681}$	$\frac{1}{3}$	$\Phi_{681}^2\ \Phi_{227}^2\ \Phi_3\ \Phi_1^2$
88404	1360	435	$\frac{2}{87}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{435}^3\ \Phi_{145}^3\ \Phi_{87}^4\ \Phi_{29}^4\ \Phi_5^3\ \Phi_1^4$
88405	1360	2535	$\frac{4}{169}$	$\frac{33}{169}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2535}\ \Phi_{195}\ \Phi_{15}^2$
88406	1360	210	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^8\ \Phi_{105}^4\ \Phi_{70}^8\ \Phi_{42}^8\ \Phi_{35}^8\ \Phi_{30}^6\ \Phi_{21}^4\ \Phi_{15}^3\ \Phi_{14}^8\ \Phi_{10}^6\ \Phi_7^8\ \Phi_6^8\ \Phi_5^6\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
88407	1360	2535	$\frac{9}{169}$	$\frac{16}{169}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2535}\ \Phi_{195}\ \Phi_{15}^2$
88408	1360	990	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{55}^2$
88409	1360	1365	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1365}^2\ \Phi_{195}\ \Phi_{105}^2\ \Phi_{15}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
88410	1360	63	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{4}{21}$	$\frac{1}{3}$	$\Phi_{63}^{24}\ \Phi_{21}^{16}\ \Phi_{9}^{26}\ \Phi_{7}^{16}\ \Phi_{3}^{17}\ \Phi_{1}^{18}$
88411	1360	681	$\frac{12}{227}$	$\frac{23}{227}$	$\frac{43}{227}$	$\frac{1}{3}$	$\Phi_{681}^{3}\ \Phi_{3}^{2}$
88412	1360	234	$\frac{1}{18}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{234}^{6}\ \Phi_{117}^{6}\ \Phi_{78}^{6}\ \Phi_{39}^{4}\ \Phi_{26}^{6}\ \Phi_{18}^{8}\ \Phi_{13}^{4}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
88413	1360	681	$\frac{11}{227}$	$\frac{27}{227}$	$\frac{40}{227}$	$\frac{1}{3}$	$\Phi_{681}^{3}\ \Phi_{3}^{2}$
88414	1360	162	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{162}^{12}\ \Phi_{81}^{8}\ \Phi_{54}^{6}\ \Phi_{27}^{4}\ \Phi_{18}^{6}\ \Phi_{9}^{4}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
88415	1360	630	$\frac{2}{45}$	$\frac{43}{315}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{630}^{3}\ \Phi_{315}^{2}\ \Phi_{210}^{3}\ \Phi_{126}^{3}\ \Phi_{105}^{2}\ \Phi_{70}^{3}\ \Phi_{63}^{2}\ \Phi_{42}^{3}\ \Phi_{35}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
88416	1360	570	$\frac{13}{285}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{570}^{3}\ \Phi_{285}^{2}\ \Phi_{190}^{3}\ \Phi_{114}^{3}\ \Phi_{95}^{2}\ \Phi_{57}^{2}\ \Phi_{38}^{3}\ \Phi_{19}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
88417	1360	270	$\frac{7}{135}$	$\frac{16}{135}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{270}^{6}\ \Phi_{135}^{4}\ \Phi_{90}^{6}\ \Phi_{54}^{6}\ \Phi_{45}^{4}\ \Phi_{30}^{6}\ \Phi_{27}^{4}\ \Phi_{18}^{6}\ \Phi_{15}^{4}\ \Phi_{10}^{6}\ \Phi_{9}^{4}\ \Phi_{6}^{8}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
88418	1360	18	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{18}^{74}\ \Phi_{9}^{76}\ \Phi_{6}^{76}\ \Phi_{3}^{77}\ \Phi_{2}^{76}\ \Phi_{1}^{78}$
88419	1360	150	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{150}^{12}\ \Phi_{75}^{8}\ \Phi_{50}^{12}\ \Phi_{30}^{6}\ \Phi_{25}^{8}\ \Phi_{15}^{4}\ \Phi_{10}^{6}\ \Phi_{6}^{8}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
88420	1360	594	$\frac{2}{27}$	$\frac{25}{297}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{594}^{3}\ \Phi_{297}^{2}\ \Phi_{198}^{3}\ \Phi_{99}^{2}\ \Phi_{66}^{3}\ \Phi_{33}^{2}\ \Phi_{22}^{3}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
88421	1360	819	$\frac{6}{91}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{819}^{2}\ \Phi_{273}\ \Phi_{117}^{2}\ \Phi_{91}^{2}\ \Phi_{39}\ \Phi_{13}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
88422	1360	882	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{98}$	$\frac{1}{3}$	$\Phi_{882}^{2}\ \Phi_{441}^{2}\ \Phi_{294}\ \Phi_{147}\ \Phi_{98}^{2}\ \Phi_{49}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
88423	1360	288	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{96}$	$\frac{1}{3}$	$\Phi_{288}^{6}\ \Phi_{144}^{6}\ \Phi_{96}^{4}\ \Phi_{72}^{6}\ \Phi_{48}^{4}\ \Phi_{32}^{4}\ \Phi_{24}^{4}\ \Phi_{16}^{4}\ \Phi_{9}^{2}\ \Phi_{8}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
88424	1360	189	$\frac{2}{21}$	$\frac{19}{189}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{189}^{8}\ \Phi_{63}^{5}\ \Phi_{27}^{8}\ \Phi_{21}^{6}\ \Phi_{9}^{7}\ \Phi_{7}^{6}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
88425	1360	630	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{41}{126}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{126}^{4}\ \Phi_{90}^{3}\ \Phi_{63}^{4}\ \Phi_{45}^{3}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
88426	1360	702	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{79}{351}$	$\frac{38}{117}$	$\Phi_{702}^{3}\ \Phi_{351}^{2}\ \Phi_{78}^{3}\ \Phi_{54}^{3}\ \Phi_{39}^{2}\ \Phi_{27}^{2}\ \Phi_{26}^{3}\ \Phi_{13}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
88427	1360	798	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{127}{399}$	$\Phi_{798}^{2}\ \Phi_{399}\ \Phi_{266}^{2}\ \Phi_{133}^{2}\ \Phi_{114}^{2}\ \Phi_{57}\ \Phi_{42}^{3}\ \Phi_{38}^{2}\ \Phi_{21}^{2}\ \Phi_{19}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
88428	1360	630	$\frac{1}{21}$	$\frac{43}{315}$	$\frac{1}{6}$	$\frac{20}{63}$	$\Phi_{630}^{3}\ \Phi_{315}^{2}\ \Phi_{210}^{3}\ \Phi_{105}^{2}\ \Phi_{90}^{3}\ \Phi_{70}^{3}\ \Phi_{45}^{2}\ \Phi_{42}^{3}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{3}\ \Phi_{10}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
88429	1360	495	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{31}{99}$	$\Phi_{495}^{5}\ \Phi_{55}\ \Phi_{45}^{5}$
88430	1360	151	$\frac{13}{151}$	$\frac{15}{151}$	$\frac{21}{151}$	$\frac{46}{151}$	$\Phi_{151}^{9}\ \Phi_{1}^{10}$
88431	1360	1815	$\frac{23}{363}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{55}$
88432	1360	390	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{6}$	$\frac{59}{195}$	$\Phi_{390}^{4}\ \Phi_{195}^{2}\ \Phi_{130}^{4}\ \Phi_{78}^{5}\ \Phi_{65}^{4}\ \Phi_{39}^{3}\ \Phi_{30}^{4}\ \Phi_{26}^{5}\ \Phi_{15}^{2}\ \Phi_{13}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
88433	1360	243	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{73}{243}$	$\Phi_{243}^{8}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
88434	1360	189	$\frac{19}{189}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{189}^{8}\ \Phi_{63}^{8}\ \Phi_{21}^{8}\ \Phi_{9}^{7}\ \Phi_{7}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
88435	1360	1896	$\frac{3}{79}$	$\frac{1}{8}$	$\frac{19}{79}$	$\frac{7}{24}$	$\Phi_{1896}\ \Phi_{948}\ \Phi_{474}\ \Phi_{237}\ \Phi_{79}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
88436	1360	840	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{120}\ \Phi_{105}^{3}\ \Phi_{70}^{2}\ \Phi_{60}\ \Phi_{40}^{2}\ \Phi_{35}^{3}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$
88437	1360	1896	$\frac{4}{79}$	$\frac{1}{8}$	$\frac{15}{79}$	$\frac{7}{24}$	$\Phi_{1896}\ \Phi_{948}\ \Phi_{474}\ \Phi_{237}\ \Phi_{79}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
88438	1360	408	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{408}^{3}\ \Phi_{204}^{3}\ \Phi_{136}^{4}\ \Phi_{102}^{4}\ \Phi_{68}^{4}\ \Phi_{51}^{4}\ \Phi_{34}^{5}\ \Phi_{17}^{4}$
88439	1360	1896	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{1896}\ \Phi_{948}\ \Phi_{474}\ \Phi_{237}\ \Phi_{79}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
88440	1360	792	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}\ \Phi_{198}^{2}\ \Phi_{132}\ \Phi_{99}^{3}\ \Phi_{88}^{2}\ \Phi_{66}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{2}$
88441	1360	378	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{1}{6}$	$\frac{53}{189}$	$\Phi_{378}^{6}\ \Phi_{189}^{4}\ \Phi_{54}^{6}\ \Phi_{42}^{3}\ \Phi_{27}^{4}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
88442	1360	465	$\frac{1}{31}$	$\frac{6}{31}$	$\frac{1}{5}$	$\frac{25}{93}$	$\Phi_{465}^{5}\ \Phi_{155}\ \Phi_{15}^{5}$
88443	1360	1845	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{1845}\ \Phi_{369}\ \Phi_{205}$
88444	1360	54	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{54}^{36}\ \Phi_{27}^{32}\ \Phi_{18}^{8}\ \Phi_{9}^{7}\ \Phi_{6}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
88445	1360	342	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{9}{38}$	$\frac{29}{114}$	$\Phi_{342}^{4}\ \Phi_{171}^{5}\ \Phi_{114}^{2}\ \Phi_{57}^{3}\ \Phi_{38}^{4}\ \Phi_{19}^{4}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
88446	1360	546	$\frac{3}{91}$	$\frac{1}{6}$	$\frac{22}{91}$	$\frac{23}{91}$	$\Phi_{546}^{3}\ \Phi_{273}^{3}\ \Phi_{182}^{3}\ \Phi_{78}^{3}\ \Phi_{42}^{3}\ \Phi_{39}^{3}\ \Phi_{26}^{3}\ \Phi_{21}^{3}\ \Phi_{14}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
88447	1360	453	$\frac{3}{151}$	$\frac{37}{151}$	$\frac{113}{453}$	$\frac{38}{151}$	$\Phi_{453}^{4}\ \Phi_{151}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
88448	1360	1580	$\frac{3}{79}$	$\frac{3}{20}$	$\frac{19}{79}$	$\frac{1}{4}$	$\Phi_{1580}\ \Phi_{790}\ \Phi_{395}\ \Phi_{79}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
88449	1360	440	$\frac{3}{88}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{440}^{3}\ \Phi_{220}^{3}\ \Phi_{110}^{3}\ \Phi_{88}^{4}\ \Phi_{55}^{3}\ \Phi_{44}^{4}\ \Phi_{40}^{3}\ \Phi_{22}^{4}\ \Phi_{11}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
88450	1360	420	$\frac{1}{21}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{3}\ \Phi_{105}^{4}\ \Phi_{84}^{4}\ \Phi_{70}^{3}\ \Phi_{60}^{3}\ \Phi_{42}^{4}\ \Phi_{35}^{4}\ \Phi_{30}^{3}\ \Phi_{28}^{4}\ \Phi_{21}^{4}\ \Phi_{15}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}$
88451	1360	1580	$\frac{4}{79}$	$\frac{3}{20}$	$\frac{15}{79}$	$\frac{1}{4}$	$\Phi_{1580}\ \Phi_{790}\ \Phi_{395}\ \Phi_{79}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
88452	1360	1020	$\frac{1}{17}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{340}\ \Phi_{255}^{2}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{51}\ \Phi_{34}$
88453	1360	1580	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1580}\ \Phi_{790}\ \Phi_{395}\ \Phi_{79}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
88454	1360	1980	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{165}\ \Phi_{99}\ \Phi_{33}$
88455	1360	560	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{27}{112}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{112}^{4}\ \Phi_{80}^{3}\ \Phi_{56}^{4}\ \Phi_{40}^{3}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
88456	1360	1273	$\frac{3}{67}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{16}{67}$	$\Phi_{1273}\ \Phi_{67}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
88457	1360	2010	$\frac{3}{67}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{16}{67}$	$\Phi_{2010}\ \Phi_{1005}\ \Phi_{670}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
88458	1360	151	$\frac{7}{151}$	$\frac{23}{151}$	$\frac{32}{151}$	$\frac{36}{151}$	$\Phi_{151}^{9}\ \Phi_{1}^{10}$
88459	1360	42	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{4}{21}$	$\frac{5}{21}$	$\Phi_{42}^{39}\ \Phi_{21}^{26}\ \Phi_{14}^{39}\ \Phi_{7}^{26}\ \Phi_{6}^{38}\ \Phi_{3}^{25}\ \Phi_{2}^{38}\ \Phi_{1}^{26}$
88460	1360	1359	$\frac{67}{1359}$	$\frac{220}{1359}$	$\frac{259}{1359}$	$\frac{323}{1359}$	$\Phi_{1359}\ \Phi_{453}\ \Phi_{151}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
88461	1360	1705	$\frac{17}{341}$	$\frac{52}{341}$	$\frac{1}{5}$	$\frac{81}{341}$	$\Phi_{1705}\ \Phi_{155}\ \Phi_{55}$
88462	1360	286	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{3}{13}$	$\Phi_{286}^{6}\ \Phi_{143}^{3}\ \Phi_{26}^{6}\ \Phi_{22}^{8}\ \Phi_{13}^{6}\ \Phi_{11}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
88463	1360	78	$\frac{1}{13}$	$\frac{5}{39}$	$\frac{1}{6}$	$\frac{3}{13}$	$\Phi_{78}^{21}\ \Phi_{39}^{13}\ \Phi_{26}^{21}\ \Phi_{13}^{16}\ \Phi_{6}^{20}\ \Phi_{3}^{12}\ \Phi_{2}^{20}\ \Phi_{1}^{16}$
88464	1360	110	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{22}$	$\Phi_{110}^{20}\ \Phi_{55}^{11}\ \Phi_{10}^{20}\ \Phi_{5}^{10}$
88465	1360	858	$\frac{1}{11}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{5}{22}$	$\Phi_{858}^{2}\ \Phi_{429}\ \Phi_{286}^{2}\ \Phi_{143}\ \Phi_{78}^{2}\ \Phi_{66}^{2}\ \Phi_{39}^{2}\ \Phi_{33}\ \Phi_{26}^{2}\ \Phi_{22}^{4}\ \Phi_{13}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
88466	1360	198	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{22}$	$\Phi_{198}^{7}\ \Phi_{99}^{8}\ \Phi_{66}^{4}\ \Phi_{33}^{5}\ \Phi_{22}^{6}\ \Phi_{18}^{10}\ \Phi_{11}^{6}\ \Phi_{9}^{10}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
88467	1360	465	$\frac{8}{93}$	$\frac{3}{31}$	$\frac{1}{5}$	$\frac{7}{31}$	$\Phi_{465}^{4}\ \Phi_{155}^{3}\ \Phi_{15}^{4}\ \Phi_{5}^{2}$
88468	1360	108	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{108}$	$\Phi_{108}^{16}\ \Phi_{54}^{16}\ \Phi_{36}^{16}\ \Phi_{18}^{16}\ \Phi_{12}^{16}\ \Phi_{9}^{7}\ \Phi_{6}^{16}\ \Phi_{4}^{16}\ \Phi_{3}^{7}\ \Phi_{2}^{16}\ \Phi_{1}^{8}$
88469	1360	1710	$\frac{1}{18}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
88470	1360	162	$\frac{1}{18}$	$\frac{13}{81}$	$\frac{16}{81}$	$\frac{17}{81}$	$\Phi_{162}^{9}\ \Phi_{81}^{8}\ \Phi_{54}^{9}\ \Phi_{27}^{8}\ \Phi_{18}^{8}\ \Phi_{9}^{7}\ \Phi_{6}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
88471	1360	1359	$\frac{64}{1359}$	$\frac{259}{1359}$	$\frac{271}{1359}$	$\frac{275}{1359}$	$\Phi_{1359}\ \Phi_{453}\ \Phi_{151}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
88472	1360	1705	$\frac{16}{341}$	$\frac{65}{341}$	$\frac{1}{5}$	$\frac{69}{341}$	$\Phi_{1705}\ \Phi_{155}\ \Phi_{55}$
88473	1360	105	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{105}^{12}\ \Phi_{35}^{12}\ \Phi_{21}^{16}\ \Phi_{15}^{12}\ \Phi_{7}^{16}\ \Phi_{5}^{15}\ \Phi_{3}^{16}\ \Phi_{1}^{20}$
88474	1360	90	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{90}^{15}\ \Phi_{45}^{15}\ \Phi_{30}^{12}\ \Phi_{18}^{20}\ \Phi_{15}^{12}\ \Phi_{10}^{12}\ \Phi_{9}^{20}\ \Phi_{6}^{16}\ \Phi_{5}^{15}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{20}$
88475	1360	455	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{455}^{3}\ \Phi_{91}^{4}\ \Phi_{65}^{3}\ \Phi_{13}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
88476	1360	490	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{490}^{3}\ \Phi_{245}^{3}\ \Phi_{98}^{4}\ \Phi_{49}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
88477	1360	480	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{3}\ \Phi_{120}^{3}\ \Phi_{96}^{4}\ \Phi_{80}^{3}\ \Phi_{48}^{4}\ \Phi_{40}^{3}\ \Phi_{32}^{4}\ \Phi_{24}^{4}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
88478	1360	385	$\frac{1}{11}$	$\frac{9}{77}$	$\frac{2}{11}$	$\frac{1}{5}$	$\Phi_{385}^{5}\ \Phi_{55}\ \Phi_{35}^{5}$
88479	1360	495	$\frac{1}{11}$	$\frac{14}{99}$	$\frac{5}{33}$	$\frac{1}{5}$	$\Phi_{495}^{4}\ \Phi_{165}^{2}\ \Phi_{55}^{3}\ \Phi_{45}^{4}\ \Phi_{15}^{2}\ \Phi_{5}^{2}$
88480	1360	1950	$\frac{1}{13}$	$\frac{53}{325}$	$\frac{1}{6}$	$\frac{12}{65}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{150}\ \Phi_{78}\ \Phi_{75}\ \Phi_{50}\ \Phi_{39}\ \Phi_{26}$
88481	1360	78	$\frac{4}{39}$	$\frac{5}{39}$	$\frac{1}{6}$	$\frac{7}{39}$	$\Phi_{78}^{21}\ \Phi_{39}^{14}\ \Phi_{26}^{21}\ \Phi_{13}^{14}\ \Phi_{6}^{20}\ \Phi_{3}^{13}\ \Phi_{2}^{20}\ \Phi_{1}^{14}$
88482	1361	2176	$\frac{1}{272}$	$\frac{273}{1088}$	$\frac{815}{2176}$	$\frac{271}{544}$	$\Phi_{2176}\ \Phi_{544}\ \Phi_{128}\ \Phi_{32}\ \Phi_{1}$
88483	1361	2700	$\frac{11}{1350}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1339}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{180}\ \Phi_{108}\ \Phi_{100}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
88484	1361	1820	$\frac{4}{455}$	$\frac{1}{5}$	$\frac{459}{1820}$	$\frac{451}{910}$	$\Phi_{1820}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{140}\ \Phi_{91}\ \Phi_{65}\ \Phi_{52}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{13}\ \Phi_7\ \Phi_4\ \Phi_1$
88485	1361	2560	$\frac{1}{80}$	$\frac{81}{1280}$	$\frac{1199}{2560}$	$\frac{79}{160}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{160}\ \Phi_{32}\ \Phi_1$
88486	1361	1920	$\frac{1}{80}$	$\frac{81}{640}$	$\frac{559}{1920}$	$\frac{79}{160}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
88487	1361	1600	$\frac{1}{80}$	$\frac{239}{1600}$	$\frac{81}{320}$	$\frac{79}{160}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_1$
88488	1361	2688	$\frac{17}{1344}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{1327}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{128}\ \Phi_{32}\ \Phi_1$
88489	1361	2688	$\frac{17}{1344}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1327}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{128}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
88490	1361	1824	$\frac{7}{456}$	$\frac{1}{8}$	$\frac{463}{1824}$	$\frac{449}{912}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{32}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
88491	1361	1560	$\frac{4}{195}$	$\frac{199}{1560}$	$\frac{1}{5}$	$\frac{191}{390}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
88492	1361	2660	$\frac{31}{1330}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1299}{2660}$	$\Phi_{2660}\ \Phi_{532}\ \Phi_{380}\ \Phi_{140}\ \Phi_{76}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_4\ \Phi_1$
88493	1361	1488	$\frac{3}{124}$	$\frac{127}{1488}$	$\frac{1}{4}$	$\frac{121}{248}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{48}\ \Phi_{31}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
88494	1361	2652	$\frac{35}{1326}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1291}{2652}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{204}\ \Phi_{156}\ \Phi_{68}\ \Phi_{52}\ \Phi_{51}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
88495	1361	2640	$\frac{41}{1320}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{1279}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
88496	1361	2640	$\frac{41}{1320}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1279}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{80}\ \Phi_{48}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
88497	1361	1836	$\frac{16}{459}$	$\frac{1}{17}$	$\frac{475}{1836}$	$\frac{443}{918}$	$\Phi_{1836}\ \Phi_{612}\ \Phi_{459}\ \Phi_{204}\ \Phi_{153}\ \Phi_{108}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
88498	1361	1470	$\frac{4}{105}$	$\frac{109}{1470}$	$\frac{1}{5}$	$\frac{101}{210}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{294}\ \Phi_{245}\ \Phi_{147}\ \Phi_{105}\ \Phi_{98}\ \Phi_{49}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_3\ \Phi_1$
88499	1361	1840	$\frac{19}{460}$	$\frac{1}{20}$	$\frac{479}{1840}$	$\frac{441}{920}$	$\Phi_{1840}\ \Phi_{460}\ \Phi_{368}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}\ \Phi_{80}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_1$
88500	1361	1520	$\frac{7}{152}$	$\frac{159}{1520}$	$\frac{1}{8}$	$\frac{145}{304}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{80}\ \Phi_{76}\ \Phi_{40}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{10}\ \Phi_5\ \Phi_1$
88501	1361	2600	$\frac{61}{1300}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{1239}{2600}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{200}\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}\ \Phi_{13}\ \Phi_8\ \Phi_1$
88502	1361	2592	$\frac{65}{1296}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1231}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
88503	1361	1430	$\frac{69}{1430}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{1430}\ \Phi_{715}\ \Phi_{286}\ \Phi_{143}\ \Phi_{110}\ \Phi_{65}\ \Phi_{55}\ \Phi_{22}\ \Phi_{13}\ \Phi_{11}\ \Phi_1$
88504	1361	2016	$\frac{17}{672}$	$\frac{1}{16}$	$\frac{655}{2016}$	$\frac{15}{32}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
88505	1361	1408	$\frac{47}{1408}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{128}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
88506	1361	1792	$\frac{17}{448}$	$\frac{1}{16}$	$\frac{431}{1792}$	$\frac{15}{32}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{256}\ \Phi_{128}\ \Phi_{32}\ \Phi_1$
88507	1361	1440	$\frac{79}{1440}$	$\frac{1}{16}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
88508	1361	1568	$\frac{1}{16}$	$\frac{17}{224}$	$\frac{207}{1568}$	$\frac{15}{32}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{32}\ \Phi_1$
88509	1361	1536	$\frac{1}{16}$	$\frac{17}{192}$	$\frac{175}{1536}$	$\frac{15}{32}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{32}\ \Phi_1$
88510	1361	1408	$\frac{47}{1408}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{128}\ \Phi_{64}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
88511	1361	2520	$\frac{4}{105}$	$\frac{101}{1260}$	$\frac{1}{5}$	$\frac{1159}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{72}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_8\ \Phi_7\ \Phi_3\ \Phi_1$
88512	1361	1440	$\frac{79}{1440}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{144}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
88513	1361	2480	$\frac{3}{124}$	$\frac{121}{1240}$	$\frac{1}{4}$	$\frac{1119}{2480}$	$\Phi_{2480}\ \Phi_{496}\ \Phi_{124}\ \Phi_{80}\ \Phi_{62}\ \Phi_{31}\ \Phi_{16}\ \Phi_1$
88514	1361	1530	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{169}{1530}$	$\frac{137}{306}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{153}\ \Phi_{90}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1$
88515	1361	2448	$\frac{1}{68}$	$\frac{137}{1224}$	$\frac{67}{204}$	$\frac{1087}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{204}\ \Phi_{144}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
88516	1361	2448	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{137}{1224}$	$\frac{1087}{2448}$	Φ_{2448} Φ_{816} Φ_{272} Φ_{153} Φ_{144} Φ_{51} Φ_{48} Φ_{16} Φ_{9} Φ_{3} Φ_{1}
88517	1361	1400	$\frac{39}{1400}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	Φ_{1400} Φ_{700} Φ_{350} Φ_{280} Φ_{200} Φ_{175} Φ_{140} Φ_{100} Φ_{56} Φ_{50} Φ_{40} Φ_{35} Φ_{28} Φ_{25} Φ_{20} Φ_{8} Φ_{7} Φ_{4} Φ_{1}
88518	1361	2432	$\frac{7}{152}$	$\frac{145}{1216}$	$\frac{1}{8}$	$\frac{1071}{2432}$	Φ_{2432} Φ_{152} Φ_{128} Φ_{76} Φ_{38} Φ_{19} Φ_{1}
88519	1361	2400	$\frac{1}{80}$	$\frac{161}{1200}$	$\frac{79}{240}$	$\frac{1039}{2400}$	Φ_{2400} Φ_{800} Φ_{480} Φ_{240} Φ_{160} Φ_{120} Φ_{96} Φ_{60} Φ_{48} Φ_{32} Φ_{30} Φ_{24} Φ_{15} Φ_{12} Φ_{6} Φ_{3} Φ_{1}
88520	1361	2400	$\frac{1}{40}$	$\frac{161}{1200}$	$\frac{39}{200}$	$\frac{1039}{2400}$	Φ_{2400} Φ_{800} Φ_{480} Φ_{200} Φ_{160} Φ_{100} Φ_{96} Φ_{50} Φ_{32} Φ_{25} Φ_{1}
88521	1361	1680	$\frac{1}{40}$	$\frac{39}{280}$	$\frac{319}{1680}$	$\frac{241}{560}$	Φ_{1680} Φ_{840} Φ_{420} Φ_{336} Φ_{280} Φ_{240} Φ_{210} Φ_{168} Φ_{140} Φ_{120} Φ_{105} Φ_{84} Φ_{70} Φ_{60} Φ_{56} Φ_{48} Φ_{42} Φ_{35} Φ_{30} Φ_{28} Φ_{24} Φ_{21} Φ_{15} Φ_{14} Φ_{12} Φ_{7} Φ_{6} Φ_{3} Φ_{1}
88522	1361	1904	$\frac{1}{68}$	$\frac{67}{476}$	$\frac{543}{1904}$	$\frac{409}{952}$	Φ_{1904} Φ_{476} Φ_{272} Φ_{238} Φ_{119} Φ_{112} Φ_{28} Φ_{16} Φ_{14} Φ_{7} Φ_{1}
88523	1361	2340	$\frac{4}{195}$	$\frac{191}{1170}$	$\frac{1}{5}$	$\frac{979}{2340}$	Φ_{2340} Φ_{780} Φ_{468} Φ_{260} Φ_{195} Φ_{180} Φ_{156} Φ_{65} Φ_{60} Φ_{52} Φ_{39} Φ_{36} Φ_{20} Φ_{15} Φ_{13} Φ_{12} Φ_{4} Φ_{3} Φ_{1}
88524	1361	1920	$\frac{1}{80}$	$\frac{79}{480}$	$\frac{559}{1920}$	$\frac{401}{960}$	Φ_{1920} Φ_{640} Φ_{480} Φ_{384} Φ_{240} Φ_{160} Φ_{128} Φ_{120} Φ_{96} Φ_{60} Φ_{48} Φ_{32} Φ_{30} Φ_{24} Φ_{15} Φ_{12} Φ_{6} Φ_{3} Φ_{1}
88525	1361	1600	$\frac{1}{40}$	$\frac{239}{1600}$	$\frac{39}{200}$	$\frac{161}{400}$	Φ_{1600} Φ_{800} Φ_{320} Φ_{200} Φ_{160} Φ_{100} Φ_{64} Φ_{50} Φ_{32} Φ_{25} Φ_{1}
88526	1361	2240	$\frac{1}{40}$	$\frac{39}{280}$	$\frac{241}{1120}$	$\frac{879}{2240}$	Φ_{2240} Φ_{448} Φ_{320} Φ_{280} Φ_{140} Φ_{70} Φ_{64} Φ_{56} Φ_{35} Φ_{28} Φ_{14} Φ_{7} Φ_{1}
88527	1361	1380	$\frac{19}{1380}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	Φ_{1380} Φ_{690} Φ_{460} Φ_{345} Φ_{276} Φ_{230} Φ_{138} Φ_{115} Φ_{92} Φ_{69} Φ_{60} Φ_{46} Φ_{23} Φ_{20} Φ_{15} Φ_{12} Φ_{4} Φ_{3} Φ_{1}
88528	1361	1392	$\frac{31}{1392}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	Φ_{1392} Φ_{696} Φ_{464} Φ_{348} Φ_{232} Φ_{174} Φ_{116} Φ_{87} Φ_{58} Φ_{29} Φ_{24} Φ_{12} Φ_{6} Φ_{3} Φ_{1}
88529	1361	1428	$\frac{67}{1428}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{35}{102}$	Φ_{1428} Φ_{714} Φ_{476} Φ_{357} Φ_{238} Φ_{204} Φ_{119} Φ_{84} Φ_{68} Φ_{51} Φ_{42} Φ_{28} Φ_{21} Φ_{14} Φ_{12} Φ_{7} Φ_{4} Φ_{3} Φ_{1}
88530	1361	1440	$\frac{1}{20}$	$\frac{79}{1440}$	$\frac{19}{60}$	$\frac{41}{120}$	Φ_{1440} Φ_{720} Φ_{480} Φ_{360} Φ_{288} Φ_{240} Φ_{180} Φ_{160} Φ_{144} Φ_{96} Φ_{90} Φ_{80} Φ_{72} Φ_{60} Φ_{48} Φ_{45} Φ_{36} Φ_{32} Φ_{30} Φ_{18} Φ_{16} Φ_{15} Φ_{12} Φ_{9} Φ_{6} Φ_{3} Φ_{1}
88531	1361	1632	$\frac{1}{68}$	$\frac{271}{1632}$	$\frac{67}{204}$	$\frac{137}{408}$	Φ_{1632} Φ_{816} Φ_{544} Φ_{272} Φ_{204} Φ_{102} Φ_{96} Φ_{51} Φ_{48} Φ_{32} Φ_{16} Φ_{12} Φ_{6} Φ_{3} Φ_{1}
88532	1361	2040	$\frac{1}{170}$	$\frac{169}{510}$	$\frac{679}{2040}$	$\frac{341}{1020}$	Φ_{2040} Φ_{680} Φ_{510} Φ_{408} Φ_{255} Φ_{136} Φ_{120} Φ_{102} Φ_{51} Φ_{40} Φ_{30} Φ_{24} Φ_{15} Φ_{8} Φ_{6} Φ_{3} Φ_{1}
88533	1361	1836	$\frac{1}{68}$	$\frac{137}{612}$	$\frac{475}{1836}$	$\frac{67}{204}$	Φ_{1836} Φ_{918} Φ_{459} Φ_{204} Φ_{108} Φ_{102} Φ_{54} Φ_{51} Φ_{27} Φ_{12} Φ_{6} Φ_{3} Φ_{1}
88534	1361	2025	$\frac{11}{675}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{664}{2025}$	Φ_{2025} Φ_{405} Φ_{81} Φ_{15} Φ_{3} Φ_{1}
88535	1361	1755	$\frac{4}{195}$	$\frac{1}{5}$	$\frac{394}{1755}$	$\frac{191}{585}$	Φ_{1755} Φ_{351} Φ_{195} Φ_{135} Φ_{65} Φ_{39} Φ_{27} Φ_{15} Φ_{13} Φ_{3} Φ_{1}
88536	1361	2016	$\frac{17}{672}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{655}{2016}$	Φ_{2016} Φ_{1008} Φ_{504} Φ_{288} Φ_{252} Φ_{144} Φ_{126} Φ_{72} Φ_{63} Φ_{36} Φ_{24} Φ_{18} Φ_{12} Φ_{9} Φ_{6} Φ_{3} Φ_{1}
88537	1361	1575	$\frac{4}{105}$	$\frac{214}{1575}$	$\frac{1}{5}$	$\frac{101}{315}$	Φ_{1575} Φ_{525} Φ_{225} Φ_{175} Φ_{105} Φ_{75} Φ_{35} Φ_{25} Φ_{21} Φ_{15} Φ_{7} Φ_{3} Φ_{1}
88538	1361	1995	$\frac{31}{665}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{634}{1995}$	Φ_{1995} Φ_{399} Φ_{285} Φ_{105} Φ_{57} Φ_{35} Φ_{21} Φ_{15} Φ_{7} Φ_{3} Φ_{1}
88539	1361	1980	$\frac{1}{20}$	$\frac{41}{660}$	$\frac{619}{1980}$	$\frac{19}{60}$	Φ_{1980} Φ_{990} Φ_{495} Φ_{396} Φ_{198} Φ_{180} Φ_{99} Φ_{90} Φ_{60} Φ_{45} Φ_{36} Φ_{30} Φ_{18} Φ_{15} Φ_{12} Φ_{9} Φ_{6} Φ_{3} Φ_{1}
88540	1361	1989	$\frac{35}{663}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{628}{1989}$	Φ_{1989} Φ_{153} Φ_{117} Φ_{51} Φ_{9} Φ_{3} Φ_{1}
88541	1361	1980	$\frac{41}{660}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{619}{1980}$	Φ_{1980} Φ_{990} Φ_{495} Φ_{396} Φ_{198} Φ_{180} Φ_{99} Φ_{90} Φ_{45} Φ_{44} Φ_{36} Φ_{22} Φ_{18} Φ_{11} Φ_{9} Φ_{1}
88542	1361	1452	$\frac{91}{1452}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{132}$	Φ_{1452} Φ_{726} Φ_{484} Φ_{363} Φ_{242} Φ_{121} Φ_{44} Φ_{22} Φ_{11} Φ_{1}
88543	1361	1950	$\frac{4}{65}$	$\frac{61}{650}$	$\frac{1}{5}$	$\frac{589}{1950}$	Φ_{1950} Φ_{975} Φ_{390} Φ_{195} Φ_{150} Φ_{78} Φ_{75} Φ_{65} Φ_{39} Φ_{30} Φ_{15} Φ_{13} Φ_{6} Φ_{3} Φ_{1}
88544	1361	1512	$\frac{7}{72}$	$\frac{151}{1512}$	$\frac{1}{8}$	$\frac{65}{216}$	Φ_{1512} Φ_{756} Φ_{504} Φ_{378} Φ_{252} Φ_{189} Φ_{168} Φ_{126} Φ_{84} Φ_{72} Φ_{63} Φ_{56} Φ_{42} Φ_{36} Φ_{28} Φ_{24} Φ_{21} Φ_{18} Φ_{14} Φ_{12} Φ_{9} Φ_{7} Φ_{6} Φ_{3} Φ_{1}
88545	1361	1944	$\frac{7}{72}$	$\frac{65}{648}$	$\frac{1}{8}$	$\frac{583}{1944}$	Φ_{1944} Φ_{972} Φ_{486} Φ_{243} Φ_{72} Φ_{36} Φ_{24} Φ_{18} Φ_{12} Φ_{9} Φ_{6} Φ_{3} Φ_{1}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
88546	1361	1680	$\frac{17}{336}$	$\frac{1}{8}$	$\frac{319}{1680}$	$\frac{7}{24}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
88547	1361	1440	$\frac{79}{1440}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
88548	1361	1536	$\frac{17}{192}$	$\frac{175}{1536}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
88549	1361	1512	$\frac{151}{1512}$	$\frac{17}{168}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{72}\ \Phi_{63}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
88550	1361	1890	$\frac{4}{105}$	$\frac{101}{630}$	$\frac{1}{5}$	$\frac{529}{1890}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{54}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
88551	1361	1800	$\frac{1}{40}$	$\frac{39}{200}$	$\frac{439}{1800}$	$\frac{161}{600}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{100}\ \Phi_{90}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
88552	1361	1860	$\frac{3}{124}$	$\frac{121}{620}$	$\frac{1}{4}$	$\frac{499}{1860}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{465}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{60}\ \Phi_{31}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
88553	1361	1395	$\frac{34}{1395}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}\ \Phi_{155}\ \Phi_{93}\ \Phi_{31}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
88554	1361	1800	$\frac{11}{450}$	$\frac{1}{5}$	$\frac{439}{1800}$	$\frac{4}{15}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
88555	1361	1620	$\frac{11}{270}$	$\frac{259}{1620}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
88556	1361	1425	$\frac{64}{1425}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{285}\ \Phi_{95}\ \Phi_{57}\ \Phi_{19}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
88557	1361	1575	$\frac{11}{225}$	$\frac{214}{1575}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{175}\ \Phi_{105}\ \Phi_{63}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
88558	1361	1440	$\frac{79}{1440}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
88559	1361	1500	$\frac{11}{150}$	$\frac{139}{1500}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}\ \Phi_{250}\ \Phi_{125}\ \Phi_{100}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
88560	1361	1485	$\frac{11}{135}$	$\frac{124}{1485}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}$
88561	1361	1836	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{137}{612}$	$\frac{475}{1836}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{459}\ \Phi_{153}\ \Phi_{108}\ \Phi_{54}\ \Phi_{51}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
88562	1361	1824	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{145}{608}$	$\frac{463}{1824}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
88563	1361	1760	$\frac{3}{44}$	$\frac{41}{440}$	$\frac{399}{1760}$	$\frac{1}{4}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}\ \Phi_{80}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
88564	1361	1540	$\frac{3}{44}$	$\frac{179}{1540}$	$\frac{41}{220}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{154}\ \Phi_{140}\ \Phi_{77}\ \Phi_{70}\ \Phi_{44}\ \Phi_{35}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
88565	1361	1584	$\frac{3}{44}$	$\frac{223}{1584}$	$\frac{41}{264}$	$\frac{1}{4}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{72}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}\ \Phi_{16}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
88566	1361	1680	$\frac{4}{105}$	$\frac{319}{1680}$	$\frac{1}{5}$	$\frac{101}{420}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_{8}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
88567	1361	1560	$\frac{4}{65}$	$\frac{199}{1560}$	$\frac{1}{5}$	$\frac{61}{260}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{40}\ \Phi_{39}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
88568	1361	1728	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{432}$	$\frac{367}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
88569	1361	1625	$\frac{4}{65}$	$\frac{264}{1625}$	$\frac{61}{325}$	$\frac{1}{5}$	$\Phi_{1625}\ \Phi_{125}\ \Phi_{65}\ \Phi_{13}\ \Phi_{1}$
88570	1362	2260	$\frac{1}{226}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{225}{452}$	$\Phi_{2260}\ \Phi_{452}^2\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
88571	1362	1356	$\frac{1}{226}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{225}{452}$	$\Phi_{1356}\ \Phi_{678}^2\ \Phi_{339}^2\ \Phi_{12}^2\ \Phi_{6}^3\ \Phi_{3}^2$
88572	1362	3150	$\frac{2}{225}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{223}{450}$	$\Phi_{3150}\ \Phi_{1050}\ \Phi_{630}\ \Phi_{350}\ \Phi_{210}\ \Phi_{126}\ \Phi_{70}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
88573	1362	900	$\frac{2}{225}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{223}{450}$	$\Phi_{900}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
88574	1362	1092	$\frac{1}{91}$	$\frac{46}{273}$	$\frac{1}{4}$	$\frac{45}{91}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}\ \Phi_{182}\ \Phi_{156}^2\ \Phi_{84}^2\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{6}^2$
88575	1362	2128	$\frac{1}{76}$	$\frac{1}{7}$	$\frac{77}{304}$	$\frac{75}{152}$	$\Phi_{2128}\ \Phi_{532}\ \Phi_{266}\ \Phi_{133}\ \Phi_{112}\ \Phi_{28}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
88576	1362	448	$\frac{3}{224}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{221}{448}$	$\Phi_{448}^6\ \Phi_{64}^6\ \Phi_{28}\ \Phi_{14}$
88577	1362	4026	$\frac{10}{671}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{661}{1342}$	$\Phi_{4026}\ \Phi_{366}\ \Phi_{66}\ \Phi_{33}\ \Phi_6$
88578	1362	260	$\frac{1}{65}$	$\frac{33}{260}$	$\frac{1}{4}$	$\frac{32}{65}$	$\Phi_{260}^5\ \Phi_{130}^5\ \Phi_{65}^6\ \Phi_{52}^5\ \Phi_{26}^5\ \Phi_{20}^5\ \Phi_{13}^6\ \Phi_{10}^5\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
88579	1362	744	$\frac{1}{62}$	$\frac{21}{248}$	$\frac{1}{3}$	$\frac{61}{124}$	$\Phi_{744}^3\ \Phi_{372}^2\ \Phi_{186}^3\ \Phi_{93}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
88580	1362	3108	$\frac{5}{222}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{217}{444}$	$\Phi_{3108}\ \Phi_{1036}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
88581	1362	884	$\frac{6}{221}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{215}{442}$	$\Phi_{884}^2\ \Phi_{221}^2\ \Phi_{68}^2\ \Phi_{52}^3\ \Phi_{26}\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_4^2\ \Phi_1^2$
88582	1362	980	$\frac{1}{35}$	$\frac{18}{245}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{196}^2\ \Phi_{140}\ \Phi_{98}^2\ \Phi_{70}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
88583	1362	1320	$\frac{7}{220}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{213}{440}$	$\Phi_{1320}^3\ \Phi_{264}^3\ \Phi_{120}^3\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}^3\ \Phi_6$
88584	1362	2112	$\frac{23}{704}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_6$
88585	1362	1302	$\frac{1}{31}$	$\frac{10}{217}$	$\frac{1}{3}$	$\frac{207}{434}$	$\Phi_{1302}^3\ \Phi_{186}^3\ \Phi_{93}\ \Phi_{42}^3\ \Phi_6^3$
88586	1362	3024	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{205}{432}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{336}\ \Phi_{112}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
88587	1362	468	$\frac{7}{234}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{468}^4\ \Phi_{234}^2\ \Phi_{156}^4\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{52}^3\ \Phi_{39}^2\ \Phi_{36}^4\ \Phi_{26}\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
88588	1362	420	$\frac{1}{35}$	$\frac{17}{210}$	$\frac{1}{4}$	$\frac{193}{420}$	$\Phi_{420}^2\ \Phi_{210}^4\ \Phi_{140}^3\ \Phi_{105}^4\ \Phi_{84}^2\ \Phi_{70}^5\ \Phi_{60}^2\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^3\ \Phi_{21}^4\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{14}^5\ \Phi_{12}^2\ \Phi_{10}^5\ \Phi_7^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
88589	1362	1680	$\frac{13}{240}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
88590	1362	2926	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{1}{7}$	$\frac{191}{418}$	$\Phi_{2926}\ \Phi_{266}\ \Phi_{154}\ \Phi_{133}\ \Phi_{14}$
88591	1362	3720	$\frac{1}{62}$	$\frac{61}{620}$	$\frac{1}{3}$	$\frac{559}{1240}$	$\Phi_{3720}\ \Phi_{744}\ \Phi_{186}\ \Phi_{120}\ \Phi_{93}\ \Phi_{24}\ \Phi_6$
88592	1362	924	$\frac{4}{231}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{22}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_6^2$
88593	1362	780	$\frac{1}{65}$	$\frac{32}{195}$	$\frac{1}{4}$	$\frac{163}{390}$	$\Phi_{780}^2\ \Phi_{260}^3\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{52}^3\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
88594	1362	2660	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{37}{190}$	$\frac{153}{380}$	$\Phi_{2660}\ \Phi_{532}\ \Phi_{266}\ \Phi_{140}\ \Phi_{133}\ \Phi_{28}\ \Phi_{14}$
88595	1362	1695	$\frac{1}{113}$	$\frac{1}{5}$	$\frac{112}{339}$	$\frac{2}{5}$	$\Phi_{1695}\ \Phi_{339}^2\ \Phi_{15}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
88596	1362	460	$\frac{3}{230}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{460}^4\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{92}^4\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
88597	1362	364	$\frac{1}{91}$	$\frac{45}{182}$	$\frac{1}{4}$	$\frac{137}{364}$	$\Phi_{364}^3\ \Phi_{182}^5\ \Phi_{91}^4\ \Phi_{52}^3\ \Phi_{28}^3\ \Phi_{26}^5\ \Phi_{14}^5\ \Phi_{13}^4\ \Phi_7^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
88598	1362	1624	$\frac{5}{232}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1624}\ \Phi_{812}\ \Phi_{406}\ \Phi_{203}\ \Phi_{28}\ \Phi_{14}$
88599	1362	2394	$\frac{1}{57}$	$\frac{1}{7}$	$\frac{56}{171}$	$\frac{115}{342}$	$\Phi_{2394}\ \Phi_{798}\ \Phi_{399}\ \Phi_{266}\ \Phi_{133}\ \Phi_{126}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
88600	1362	1356	$\frac{1}{113}$	$\frac{1}{4}$	$\frac{112}{339}$	$\frac{1}{3}$	$\Phi_{1356}\ \Phi_{678}\ \Phi_{452}^2\ \Phi_{226}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
88601	1362	744	$\frac{1}{31}$	$\frac{21}{248}$	$\frac{10}{31}$	$\frac{1}{3}$	$\Phi_{744}^3\ \Phi_{372}^3\ \Phi_{186}^3\ \Phi_{93}\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3$
88602	1362	726	$\frac{1}{22}$	$\frac{15}{242}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{726}^3\ \Phi_{363}^3\ \Phi_{66}\ \Phi_{33}\ \Phi_6$
88603	1362	330	$\frac{1}{22}$	$\frac{7}{110}$	$\frac{103}{330}$	$\frac{1}{3}$	$\Phi_{330}^3\ \Phi_{165}^3\ \Phi_{110}^6\ \Phi_{66}^4\ \Phi_{55}^6\ \Phi_{33}^4\ \Phi_{30}^3\ \Phi_{22}^6\ \Phi_{15}^3\ \Phi_{11}^6\ \Phi_{10}^6\ \Phi_6^4\ \Phi_5^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
88604	1362	231	$\frac{4}{231}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{231}^6\ \Phi_{77}^6\ \Phi_{33}^5\ \Phi_{21}^6\ \Phi_{11}^6\ \Phi_7^6\ \Phi_3^4\ \Phi_1^6$
88605	1362	930	$\frac{1}{62}$	$\frac{61}{310}$	$\frac{83}{310}$	$\frac{1}{3}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{186}^3\ \Phi_{93}^3\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^3\ \Phi_3^2$
88606	1362	2100	$\frac{2}{75}$	$\frac{1}{7}$	$\frac{73}{300}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{140}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
88607	1362	2640	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{199}{880}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{528}\ \Phi_{264}\ \Phi_{240}\ \Phi_{120}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_6$
88608	1362	1638	$\frac{7}{234}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{182}\ \Phi_{126}\ \Phi_{91}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
88609	1362	2604	$\frac{1}{31}$	$\frac{30}{217}$	$\frac{187}{868}$	$\frac{1}{3}$	$\Phi_{2604}\ \Phi_{1302}\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}\ \Phi_6$
88610	1362	2310	$\frac{1}{22}$	$\frac{89}{770}$	$\frac{21}{110}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{231}\ \Phi_{210}\ \Phi_{105}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{21}\ \Phi_6$
88611	1362	1890	$\frac{2}{45}$	$\frac{1}{7}$	$\frac{43}{270}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{210}\ \Phi_{189}\ \Phi_{126}\ \Phi_{70}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
88612	1362	264	$\frac{1}{22}$	$\frac{37}{264}$	$\frac{7}{44}$	$\frac{1}{3}$	$\Phi_{264}^6\ \Phi_{132}^3\ \Phi_{88}^6\ \Phi_{66}^4\ \Phi_{44}^6\ \Phi_{33}^4\ \Phi_{24}^6\ \Phi_{22}^6\ \Phi_{12}^3\ \Phi_{11}^6\ \Phi_{8}^6\ \Phi_{6}^4\ \Phi_{4}^6\ \Phi_{3}^3\ \Phi_{2}^6\ \Phi_{1}^6$
88613	1362	1680	$\frac{13}{240}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
88614	1362	2340	$\frac{1}{65}$	$\frac{131}{585}$	$\frac{1}{4}$	$\frac{64}{195}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{468}\ \Phi_{260}\ \Phi_{234}\ \Phi_{180}\ \Phi_{130}\ \Phi_{90}\ \Phi_{52}\ \Phi_{36}\ \Phi_{26}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}$
88615	1362	2700	$\frac{4}{225}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{221}{675}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{540}\ \Phi_{270}\ \Phi_{108}\ \Phi_{54}\ \Phi_{20}\ \Phi_{10}$
88616	1362	336	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{109}{336}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{84}^6\ \Phi_{48}^6\ \Phi_{42}^6\ \Phi_{28}\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{14}\ \Phi_{12}^6\ \Phi_{6}^6\ \Phi_{3}^6$
88617	1362	2100	$\frac{1}{35}$	$\frac{71}{525}$	$\frac{1}{4}$	$\frac{34}{105}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{350}\ \Phi_{300}\ \Phi_{150}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{50}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
88618	1362	2652	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{209}{663}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{204}\ \Phi_{156}\ \Phi_{102}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}\ \Phi_{12}\ \Phi_{6}$
88619	1362	252	$\frac{1}{12}$	$\frac{25}{252}$	$\frac{1}{7}$	$\frac{11}{36}$	$\Phi_{252}^5\ \Phi_{126}^5\ \Phi_{84}^6\ \Phi_{63}^5\ \Phi_{42}^6\ \Phi_{36}^6\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_{9}^6\ \Phi_{7}^5\ \Phi_{6}^6\ \Phi_{4}^6\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^6$
88620	1362	2268	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{7}$	$\frac{97}{324}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
88621	1362	1260	$\frac{1}{35}$	$\frac{17}{105}$	$\frac{1}{4}$	$\frac{88}{315}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{14}\ \Phi_{10}$
88622	1362	1860	$\frac{11}{465}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{372}\ \Phi_{310}\ \Phi_{186}\ \Phi_{124}\ \Phi_{62}\ \Phi_{20}\ \Phi_{10}$
88623	1362	300	$\frac{2}{75}$	$\frac{1}{5}$	$\frac{73}{300}$	$\frac{1}{4}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^6\ \Phi_{60}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^6\ \Phi_{20}^5\ \Phi_{15}^6\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_{6}^4\ \Phi_{5}^6\ \Phi_{4}^4\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
88624	1362	280	$\frac{1}{35}$	$\frac{53}{280}$	$\frac{17}{70}$	$\frac{1}{4}$	$\Phi_{280}^6\ \Phi_{140}^3\ \Phi_{70}^5\ \Phi_{56}^6\ \Phi_{40}^6\ \Phi_{35}^4\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^5\ \Phi_{10}^5\ \Phi_{8}^6\ \Phi_{7}^4\ \Phi_{5}^4\ \Phi_{4}^2\ \Phi_{2}^4\ \Phi_{1}^4$
88625	1362	476	$\frac{11}{238}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{476}^4\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{68}^4\ \Phi_{34}^2\ \Phi_{28}\ \Phi_{17}^2\ \Phi_{14}$
88626	1362	1900	$\frac{21}{475}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{380}\ \Phi_{190}\ \Phi_{76}\ \Phi_{38}\ \Phi_{20}\ \Phi_{10}$
88627	1362	540	$\frac{2}{45}$	$\frac{43}{270}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{540}^4\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^4\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
88628	1362	2100	$\frac{4}{75}$	$\frac{71}{525}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{140}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
88629	1362	240	$\frac{13}{240}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^6\ \Phi_{60}^4\ \Phi_{48}^6\ \Phi_{40}^6\ \Phi_{30}^4\ \Phi_{24}^6\ \Phi_{20}^5\ \Phi_{16}^6\ \Phi_{15}^6\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_{8}^6\ \Phi_{6}^4\ \Phi_{5}^6\ \Phi_{4}^4\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
88630	1362	500	$\frac{2}{25}$	$\frac{23}{250}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{500}^4\ \Phi_{250}^2\ \Phi_{125}^2\ \Phi_{100}^2\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
88631	1362	1980	$\frac{41}{495}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
88632	1362	280	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{53}{280}$	$\frac{1}{4}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{40}^6\ \Phi_{35}^6\ \Phi_{28}\ \Phi_{20}^6\ \Phi_{14}\ \Phi_{10}^6\ \Phi_{5}^6$
88633	1362	1680	$\frac{13}{240}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
88634	1362	1792	$\frac{3}{32}$	$\frac{29}{256}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{28}\ \Phi_{14}$
88635	1362	252	$\frac{25}{252}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^6\ \Phi_{63}^6\ \Phi_{42}^6\ \Phi_{36}^6\ \Phi_{28}\ \Phi_{21}^6\ \Phi_{18}^6\ \Phi_{14}\ \Phi_{12}^6\ \Phi_{9}^6\ \Phi_{6}^6\ \Phi_{3}^6$
88636	1362	2016	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{72}$	$\frac{61}{288}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{112}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
88637	1363	2712	$\frac{7}{1356}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1349}{2712}$	$\Phi_{2712}\ \Phi_{904}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
88638	1363	1638	$\frac{2}{273}$	$\frac{275}{1638}$	$\frac{1}{3}$	$\frac{271}{546}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{273}\ \Phi_{234}\ \Phi_{126}\ \Phi_{117}\ \Phi_{91}\ \Phi_{63}\ \Phi_{39}\ \Phi_{21}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
88639	1363	2700	$\frac{13}{1350}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1337}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{180}\ \Phi_{108}\ \Phi_{100}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
88640	1363	2700	$\frac{13}{1350}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1337}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{180}\ \Phi_{108}\ \Phi_{100}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
88641	1363	1560	$\frac{2}{195}$	$\frac{197}{1560}$	$\frac{1}{3}$	$\frac{193}{390}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
88642	1363	1824	$\frac{5}{456}$	$\frac{1}{6}$	$\frac{461}{1824}$	$\frac{451}{912}$	$\Phi_{1824}\ \Phi_{608}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{32}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
88643	1363	2688	$\frac{19}{1344}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1325}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{128}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
88644	1363	2688	$\frac{19}{1344}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1325}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{128}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
88645	1363	1470	$\frac{2}{105}$	$\frac{107}{1470}$	$\frac{1}{3}$	$\frac{103}{210}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{294}\ \Phi_{245}\ \Phi_{147}\ \Phi_{105}\ \Phi_{98}\ \Phi_{49}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
88646	1363	1288	$\frac{1}{46}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{45}{92}$	$\Phi_{1288}^2\ \Phi_{184}^2\ \Phi_{92}\ \Phi_{56}^3\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
88647	1363	1932	$\frac{1}{46}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{45}{92}$	$\Phi_{1932}^2\ \Phi_{276}^2\ \Phi_{92}\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
88648	1363	736	$\frac{1}{46}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{45}{92}$	$\Phi_{736}^2\ \Phi_{368}^2\ \Phi_{184}^2\ \Phi_{92}\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
88649	1363	3220	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{45}{92}$	$\Phi_{3220}\ \Phi_{460}\ \Phi_{140}\ \Phi_{92}\ \Phi_{35}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
88650	1363	2664	$\frac{31}{1332}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1301}{2664}$	$\Phi_{2664}\ \Phi_{888}\ \Phi_{296}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
88651	1363	2652	$\frac{37}{1326}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1289}{2652}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{204}\ \Phi_{156}\ \Phi_{68}\ \Phi_{52}\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
88652	1363	3864	$\frac{1}{28}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{27}{56}$	$\Phi_{3864}\ \Phi_{552}\ \Phi_{168}\ \Phi_{69}\ \Phi_{56}\ \Phi_{24}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
88653	1363	90	$\frac{1}{30}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{90}^{14}\ \Phi_{45}^{15}\ \Phi_{30}^{16}\ \Phi_{18}^{14}\ \Phi_{15}^{17}\ \Phi_{10}^{16}\ \Phi_{9}^{15}\ \Phi_{6}^{16}\ \Phi_{5}^{17}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
88654	1363	1404	$\frac{41}{1404}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{108}\ \Phi_{54}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
88655	1363	2592	$\frac{67}{1296}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1229}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
88656	1363	960	$\frac{1}{30}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{960}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{64}\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
88657	1363	1320	$\frac{1}{30}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{120}^2\ \Phi_{88}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
88658	1363	1440	$\frac{77}{1440}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
88659	1363	432	$\frac{1}{48}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^2\ \Phi_{48}^5\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{24}^5\ \Phi_{18}^2\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_{9}^3\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
88660	1363	2520	$\frac{2}{105}$	$\frac{103}{1260}$	$\frac{1}{3}$	$\frac{1157}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{72}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
88661	1363	2508	$\frac{5}{114}$	$\frac{109}{1254}$	$\frac{1}{6}$	$\frac{1145}{2508}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{228}\ \Phi_{132}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{44}\ \Phi_{38}\ \Phi_{19}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
88662	1363	1386	$\frac{23}{1386}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{198}\ \Phi_{154}\ \Phi_{126}\ \Phi_{99}\ \Phi_{77}\ \Phi_{66}\ \Phi_{63}\ \Phi_{33}\ \Phi_{22}\ \Phi_{21}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
88663	1363	240	$\frac{1}{48}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^6\ \Phi_{60}^6\ \Phi_{48}^5\ \Phi_{40}^5\ \Phi_{30}^6\ \Phi_{24}^5\ \Phi_{20}^6\ \Phi_{16}^5\ \Phi_{15}^6\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_{8}^4\ \Phi_{6}^5\ \Phi_{5}^5\ \Phi_{4}^5\ \Phi_{3}^5\ \Phi_{2}^4\ \Phi_{1}^5$
88664	1363	420	$\frac{1}{30}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{420}^6\ \Phi_{140}^6\ \Phi_{84}^5\ \Phi_{60}^6\ \Phi_{30}^5\ \Phi_{28}^5\ \Phi_{20}^6\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
88665	1363	1380	$\frac{17}{1380}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}\ \Phi_{230}\ \Phi_{138}\ \Phi_{115}\ \Phi_{92}\ \Phi_{69}\ \Phi_{60}\ \Phi_{46}\ \Phi_{23}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
88666	1363	1200	$\frac{1}{48}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}^2\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}^2\ \Phi_{100}\ \Phi_{80}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
88667	1363	2340	$\frac{2}{195}$	$\frac{193}{1170}$	$\frac{1}{3}$	$\frac{977}{2340}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{156}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
88668	1363	144	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{144}^{12}\ \Phi_{72}^{12}\ \Phi_{48}^5\ \Phi_{36}^{11}\ \Phi_{24}^5\ \Phi_{18}^{11}\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_{9}^{11}\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
88669	1363	240	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{240}^{10}\ \Phi_{120}^2\ \Phi_{80}^9\ \Phi_{60}^2\ \Phi_{48}^{10}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^9\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
88670	1363	2280	$\frac{5}{228}$	$\frac{1}{6}$	$\frac{223}{1140}$	$\frac{917}{2280}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{120}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{40}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
88671	1363	48	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{48}^{28}\ \Phi_{24}^{29}\ \Phi_{16}^{28}\ \Phi_{12}^{29}\ \Phi_{8}^{29}\ \Phi_{6}^{28}\ \Phi_{4}^{29}\ \Phi_{3}^{28}\ \Phi_{2}^{28}\ \Phi_{1}^{29}$
88672	1363	2184	$\frac{2}{273}$	$\frac{271}{1092}$	$\frac{1}{3}$	$\frac{821}{2184}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{273}\ \Phi_{168}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{39}\ \Phi_{24}\ \Phi_{21}\ \Phi_{13}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
88673	1363	360	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{360}^6\ \Phi_{120}^6\ \Phi_{72}^5\ \Phi_{60}^6\ \Phi_{40}^6\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^6\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
88674	1363	2052	$\frac{5}{342}$	$\frac{1}{6}$	$\frac{337}{1026}$	$\frac{689}{2052}$	$\Phi_{2052}\ \Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{108}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
88675	1363	1755	$\frac{2}{195}$	$\frac{392}{1755}$	$\frac{193}{585}$	$\frac{1}{3}$	$\Phi_{1755}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}\ \Phi_{65}\ \Phi_{39}\ \Phi_{27}\ \Phi_{15}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}$
88676	1363	1575	$\frac{2}{105}$	$\frac{212}{1575}$	$\frac{103}{315}$	$\frac{1}{3}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
88677	1363	2025	$\frac{13}{675}$	$\frac{2}{15}$	$\frac{662}{2025}$	$\frac{1}{3}$	$\Phi_{2025}\ \Phi_{405}\ \Phi_{81}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
88678	1363	2016	$\frac{19}{672}$	$\frac{2}{21}$	$\frac{653}{2016}$	$\frac{1}{3}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
88679	1363	1989	$\frac{2}{39}$	$\frac{37}{663}$	$\frac{626}{1989}$	$\frac{1}{3}$	$\Phi_{1989}\ \Phi_{153}\ \Phi_{117}\ \Phi_{39}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
88680	1363	1395	$\frac{32}{1395}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}\ \Phi_{155}\ \Phi_{93}\ \Phi_{31}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
88681	1363	1890	$\frac{2}{105}$	$\frac{103}{630}$	$\frac{527}{1890}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{54}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
88682	1363	1680	$\frac{2}{105}$	$\frac{317}{1680}$	$\frac{103}{420}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
88683	1363	1800	$\frac{13}{450}$	$\frac{2}{15}$	$\frac{437}{1800}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
88684	1363	1428	$\frac{65}{1428}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{238}\ \Phi_{204}\ \Phi_{119}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{21}\ \Phi_{17}\ \Phi_{7}\ \Phi_{1}$
88685	1363	144	$\frac{1}{48}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{144}^{9}\ \Phi_{72}^{9}\ \Phi_{48}^{11}\ \Phi_{36}^{8}\ \Phi_{24}^{11}\ \Phi_{18}^{8}\ \Phi_{16}^{11}\ \Phi_{12}^{10}\ \Phi_{9}^{9}\ \Phi_{8}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
88686	1363	270	$\frac{1}{30}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{270}^{6}\ \Phi_{135}^{6}\ \Phi_{90}^{3}\ \Phi_{54}^{5}\ \Phi_{45}^{3}\ \Phi_{30}^{5}\ \Phi_{27}^{5}\ \Phi_{18}^{2}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
88687	1363	60	$\frac{1}{30}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{60}^{29}\ \Phi_{30}^{16}\ \Phi_{20}^{29}\ \Phi_{15}^{17}\ \Phi_{12}^{29}\ \Phi_{10}^{16}\ \Phi_{6}^{16}\ \Phi_{5}^{17}\ \Phi_{4}^{29}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
88688	1363	1680	$\frac{19}{336}$	$\frac{2}{21}$	$\frac{317}{1680}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
88689	1363	1425	$\frac{62}{1425}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{285}\ \Phi_{95}\ \Phi_{57}\ \Phi_{19}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
88690	1363	1620	$\frac{13}{270}$	$\frac{2}{15}$	$\frac{257}{1620}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
88691	1363	1440	$\frac{77}{1440}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
88692	1363	1575	$\frac{13}{225}$	$\frac{2}{15}$	$\frac{212}{1575}$	$\frac{1}{3}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{175}\ \Phi_{105}\ \Phi_{63}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
88693	1363	1485	$\frac{122}{1485}$	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}$
88694	1363	1500	$\frac{13}{150}$	$\frac{137}{1500}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}\ \Phi_{250}\ \Phi_{125}\ \Phi_{100}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
88695	1363	1512	$\frac{2}{21}$	$\frac{149}{1512}$	$\frac{19}{168}$	$\frac{1}{3}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{72}\ \Phi_{63}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
88696	1363	2016	$\frac{19}{672}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{653}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
88697	1363	966	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{22}{69}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{322}^{2}\ \Phi_{161}^{2}\ \Phi_{138}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{42}^{2}\ \Phi_{23}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88698	1363	2208	$\frac{1}{23}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{22}{69}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{96}\ \Phi_{69}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
88699	1363	2415	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{22}{69}$	$\Phi_{2415}\ \Phi_{345}\ \Phi_{105}\ \Phi_{69}\ \Phi_{35}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
88700	1363	1512	$\frac{5}{72}$	$\frac{149}{1512}$	$\frac{1}{6}$	$\frac{67}{216}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
88701	1363	1944	$\frac{5}{72}$	$\frac{67}{648}$	$\frac{1}{6}$	$\frac{581}{1944}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
88702	1363	1800	$\frac{13}{450}$	$\frac{1}{6}$	$\frac{437}{1800}$	$\frac{5}{18}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
88703	1363	1404	$\frac{41}{1404}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{108}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
88704	1363	1620	$\frac{13}{270}$	$\frac{257}{1620}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
88705	1363	1440	$\frac{77}{1440}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
88706	1363	1728	$\frac{5}{72}$	$\frac{67}{432}$	$\frac{1}{6}$	$\frac{365}{1728}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
88707	1363	1440	$\frac{77}{1440}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
88708	1363	1680	$\frac{19}{336}$	$\frac{1}{6}$	$\frac{317}{1680}$	$\frac{5}{24}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
88709	1363	1512	$\frac{149}{1512}$	$\frac{19}{168}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{72}\ \Phi_{63}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
88710	1363	1536	$\frac{19}{192}$	$\frac{173}{1536}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
88711	1364	2040	$\frac{1}{340}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{339}{680}$	$\Phi_{2040}\ \Phi_{680}^2\ \Phi_{408}\ \Phi_{136}^2\ \Phi_{120}\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
88712	1364	3390	$\frac{2}{339}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{337}{678}$	$\Phi_{3390}\ \Phi_{1130}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
88713	1364	2460	$\frac{1}{123}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{61}{123}$	$\Phi_{2460}\ \Phi_{820}\ \Phi_{492}\ \Phi_{164}\ \Phi_{123}\ \Phi_{60}\ \Phi_{41}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
88714	1364	615	$\frac{1}{123}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{61}{123}$	$\Phi_{615}^2\ \Phi_{205}^2\ \Phi_{123}^3\ \Phi_{41}^3\ \Phi_{15}^3\ \Phi_{5}^2\ \Phi_{3}^4\ \Phi_{1}^4$
88715	1364	2280	$\frac{1}{114}$	$\frac{1}{5}$	$\frac{115}{456}$	$\frac{113}{228}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{120}\ \Phi_{95}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
88716	1364	3360	$\frac{5}{336}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{331}{672}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{480}\ \Phi_{160}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
88717	1364	1281	$\frac{1}{61}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{30}{61}$	$\Phi_{1281}\ \Phi_{427}\ \Phi_{183}\ \Phi_{61}^2\ \Phi_{21}^2\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
88718	1364	732	$\frac{1}{61}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{30}{61}$	$\Phi_{732}^2\ \Phi_{366}^2\ \Phi_{244}^2\ \Phi_{183}\ \Phi_{122}^2\ \Phi_{61}^2\ \Phi_{12}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
88719	1364	854	$\frac{1}{61}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{30}{61}$	$\Phi_{854}^2\ \Phi_{427}\ \Phi_{122}^2\ \Phi_{61}^2\ \Phi_{14}^4\ \Phi_{7}^2\ \Phi_{2}^4\ \Phi_{1}^4$
88720	1364	1363	$\frac{23}{1363}$	$\frac{63}{1363}$	$\frac{650}{1363}$	$\frac{670}{1363}$	$\Phi_{1363}\ \Phi_{47}\ \Phi_{29}\ \Phi_{1}^2$
88721	1364	658	$\frac{1}{47}$	$\frac{12}{329}$	$\frac{317}{658}$	$\frac{23}{47}$	$\Phi_{658}^4\ \Phi_{94}^4\ \Phi_{47}\ \Phi_{14}^4\ \Phi_{2}^4\ \Phi_{1}^2$
88722	1364	987	$\frac{1}{47}$	$\frac{24}{329}$	$\frac{305}{987}$	$\frac{23}{47}$	$\Phi_{987}^2\ \Phi_{141}^2\ \Phi_{47}\ \Phi_{21}^2\ \Phi_{3}^2\ \Phi_{1}^2$
88723	1364	376	$\frac{1}{47}$	$\frac{35}{376}$	$\frac{12}{47}$	$\frac{23}{47}$	$\Phi_{376}^4\ \Phi_{188}^4\ \Phi_{94}^4\ \Phi_{47}\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^2$
88724	1364	667	$\frac{15}{667}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{326}{667}$	$\Phi_{667}^2\ \Phi_{29}^3\ \Phi_{23}^2\ \Phi_{1}^4$
88725	1364	2580	$\frac{1}{43}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{21}{43}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{516}\ \Phi_{172}\ \Phi_{60}^2\ \Phi_{43}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
88726	1364	1419	$\frac{1}{43}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{1419}\ \Phi_{473}\ \Phi_{43}\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_{1}^2$
88727	1364	1935	$\frac{1}{43}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{21}{43}$	$\Phi_{1935}\ \Phi_{387}\ \Phi_{45}^2\ \Phi_{43}\ \Phi_{9}^2\ \Phi_{1}^2$
88728	1364	1720	$\frac{1}{43}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{21}{43}$	$\Phi_{1720}\ \Phi_{860}\ \Phi_{344}\ \Phi_{172}\ \Phi_{43}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{1}^2$
88729	1364	1505	$\frac{1}{43}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{21}{43}$	$\Phi_{1505}\ \Phi_{301}\ \Phi_{43}\ \Phi_{35}^2\ \Phi_{7}^2\ \Phi_{1}^2$
88730	1364	1548	$\frac{1}{43}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{21}{43}$	$\Phi_{1548}\ \Phi_{774}\ \Phi_{516}\ \Phi_{387}\ \Phi_{172}\ \Phi_{43}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{4}^2\ \Phi_{1}^2$
88731	1364	1500	$\frac{3}{125}$	$\frac{1}{12}$	$\frac{32}{125}$	$\frac{61}{125}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}\ \Phi_{250}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
88732	1364	3330	$\frac{8}{333}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{325}{666}$	$\Phi_{3330}\ \Phi_{1110}\ \Phi_{370}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
88733	1364	380	$\frac{1}{38}$	$\frac{39}{380}$	$\frac{1}{5}$	$\frac{37}{76}$	$\Phi_{380}^3\ \Phi_{190}^4\ \Phi_{95}^4\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{20}^3\ \Phi_{19}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
88734	1364	1363	$\frac{41}{1363}$	$\frac{92}{1363}$	$\frac{351}{1363}$	$\frac{661}{1363}$	$\Phi_{1363}\ \Phi_{47}\ \Phi_{29}\ \Phi_{1}^2$
88735	1364	2049	$\frac{21}{683}$	$\frac{32}{683}$	$\frac{1}{3}$	$\frac{331}{683}$	Φ_{2049}
88736	1364	1380	$\frac{1}{30}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{1380}^2\ \Phi_{460}^2\ \Phi_{276}^2\ \Phi_{92}^2\ \Phi_{69}$
88737	1364	2580	$\frac{1}{30}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{29}{60}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{516}\ \Phi_{172}\ \Phi_{60}^2\ \Phi_{43}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
88738	1364	60	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{29}{60}$	$\Phi_{60}^{21}\ \Phi_{30}^{25}\ \Phi_{20}^{21}\ \Phi_{15}^{25}\ \Phi_{12}^{20}\ \Phi_{10}^{25}\ \Phi_{6}^{24}\ \Phi_{5}^{24}\ \Phi_{4}^{20}\ \Phi_{3}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{24}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
88739	1364	300	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{13}{75}$	$\frac{12}{25}$	$\Phi_{300}^5\ \Phi_{150}^5\ \Phi_{100}^5\ \Phi_{75}^3\ \Phi_{60}^5\ \Phi_{50}^5\ \Phi_{30}^5\ \Phi_{25}^4\ \Phi_{20}^5\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_{6}^4\ \Phi_{5}^4\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
88740	1364	1305	$\frac{1}{29}$	$\frac{59}{1305}$	$\frac{28}{87}$	$\frac{623}{1305}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{145}\ \Phi_{87}^2\ \Phi_{45}\ \Phi_{29}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
88741	1364	672	$\frac{1}{32}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}^3\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^3\ \Phi_{42}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
88742	1364	966	$\frac{1}{23}$	$\frac{1}{21}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2$
88743	1364	3240	$\frac{17}{324}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{307}{648}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{360}\ \Phi_{120}\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
88744	1364	360	$\frac{19}{360}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{360}^4\ \Phi_{180}^3\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^3\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{9}^4\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
88745	1364	3230	$\frac{1}{19}$	$\frac{18}{323}$	$\frac{1}{5}$	$\frac{305}{646}$	$\Phi_{3230}\ \Phi_{190}\ \Phi_{170}\ \Phi_{95}\ \Phi_{10}$
88746	1364	464	$\frac{1}{29}$	$\frac{7}{116}$	$\frac{123}{464}$	$\frac{109}{232}$	$\Phi_{464}^4\ \Phi_{116}^4\ \Phi_{58}^4\ \Phi_{29}^3\ \Phi_{16}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
88747	1364	480	$\frac{1}{32}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
88748	1364	58	$\frac{1}{29}$	$\frac{2}{29}$	$\frac{7}{29}$	$\frac{27}{58}$	$\Phi_{58}^{44}\ \Phi_{29}^3\ \Phi_{2}^{44}\ \Phi_{1}^4$
88749	1364	1269	$\frac{1}{47}$	$\frac{95}{1269}$	$\frac{46}{141}$	$\frac{587}{1269}$	$\Phi_{1269}\ \Phi_{423}\ \Phi_{141}^2\ \Phi_{47}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}^2\ \Phi_{1}^2$
88750	1364	1363	$\frac{32}{1363}$	$\frac{121}{1363}$	$\frac{371}{1363}$	$\frac{621}{1363}$	$\Phi_{1363}\ \Phi_{47}\ \Phi_{29}\ \Phi_{1}^2$
88751	1364	2049	$\frac{12}{683}$	$\frac{61}{683}$	$\frac{1}{3}$	$\frac{311}{683}$	Φ_{2049}
88752	1364	470	$\frac{1}{47}$	$\frac{23}{235}$	$\frac{129}{470}$	$\frac{106}{235}$	$\Phi_{470}^4\ \Phi_{235}^2\ \Phi_{94}^4\ \Phi_{47}\ \Phi_{10}^4\ \Phi_{5}^2\ \Phi_{2}^4\ \Phi_{1}^2$
88753	1364	1260	$\frac{1}{63}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
88754	1364	820	$\frac{1}{41}$	$\frac{1}{10}$	$\frac{10}{41}$	$\frac{9}{20}$	$\Phi_{820}^3\ \Phi_{164}^3\ \Phi_{41}^3\ \Phi_{20}^4\ \Phi_{4}^4\ \Phi_{1}^4$
88755	1364	160	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{160}^9\ \Phi_{80}^9\ \Phi_{40}^9\ \Phi_{32}^8\ \Phi_{20}^5\ \Phi_{16}^8\ \Phi_{10}^9\ \Phi_{8}^8\ \Phi_{5}^8\ \Phi_{4}^4\ \Phi_{2}^8\ \Phi_{1}^8$
88756	1364	348	$\frac{7}{348}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{348}^4\ \Phi_{174}^4\ \Phi_{116}^4\ \Phi_{87}^4\ \Phi_{58}^4\ \Phi_{29}^3\ \Phi_{12}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
88757	1364	2520	$\frac{1}{45}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{180}\ \Phi_{168}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
88758	1364	1288	$\frac{1}{23}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{1288}^2\ \Phi_{184}^2\ \Phi_{161}$
88759	1364	864	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}\ \Phi_{216}^2\ \Phi_{144}\ \Phi_{108}^2\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}^2\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
88760	1364	828	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}^2\ \Phi_{207}\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}^2$
88761	1364	609	$\frac{1}{29}$	$\frac{73}{609}$	$\frac{14}{87}$	$\frac{268}{609}$	$\Phi_{609}^2\ \Phi_{203}^2\ \Phi_{87}^4\ \Phi_{29}^3\ \Phi_{21}^2\ \Phi_{7}^2\ \Phi_{3}^4\ \Phi_{1}^4$
88762	1364	3040	$\frac{1}{38}$	$\frac{37}{304}$	$\frac{1}{5}$	$\frac{267}{608}$	$\Phi_{3040}\ \Phi_{190}\ \Phi_{160}\ \Phi_{95}\ \Phi_{10}$
88763	1364	805	$\frac{1}{23}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{805}^2\ \Phi_{161}\ \Phi_{115}^2$
88764	1364	1242	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{1242}^2\ \Phi_{414}^2\ \Phi_{207}\ \Phi_{138}^2\ \Phi_{69}\ \Phi_{46}^2$
88765	1364	1175	$\frac{1}{47}$	$\frac{189}{1175}$	$\frac{46}{235}$	$\frac{493}{1175}$	$\Phi_{1175}\ \Phi_{235}^2\ \Phi_{47}\ \Phi_{25}\ \Phi_{5}^2\ \Phi_{1}^2$
88766	1364	423	$\frac{1}{47}$	$\frac{23}{141}$	$\frac{82}{423}$	$\frac{59}{141}$	$\Phi_{423}^4\ \Phi_{141}^2\ \Phi_{47}\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^2$
88767	1364	1740	$\frac{7}{348}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{290}\ \Phi_{145}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
88768	1364	580	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{51}{290}$	$\frac{239}{580}$	$\Phi_{580}^4\ \Phi_{116}^4\ \Phi_{58}^4\ \Phi_{29}^3\ \Phi_{20}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
88769	1364	570	$\frac{1}{57}$	$\frac{56}{285}$	$\frac{1}{5}$	$\frac{229}{570}$	$\Phi_{570}^4\ \Phi_{285}\ \Phi_{190}^4\ \Phi_{114}^4\ \Phi_{95}\ \Phi_{38}^4\ \Phi_{30}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{2}^4$
88770	1364	800	$\frac{1}{32}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{800}^2\ \Phi_{400}^2\ \Phi_{200}^2\ \Phi_{160}\ \Phi_{100}^2\ \Phi_{80}\ \Phi_{50}^2\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
88771	1364	780	$\frac{3}{65}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{30}\ \Phi_{26}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
88772	1364	564	$\frac{1}{47}$	$\frac{23}{141}$	$\frac{59}{282}$	$\frac{223}{564}$	$\Phi_{564}^4\ \Phi_{188}^4\ \Phi_{141}^2\ \Phi_{47}\ \Phi_{12}^4\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{1}^2$
88773	1364	2250	$\frac{1}{125}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{2250}\ \Phi_{750}\ \Phi_{450}\ \Phi_{375}\ \Phi_{250}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
88774	1364	288	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{288}^{5}\ \Phi_{144}^{5}\ \Phi_{96}^{5}\ \Phi_{72}^{5}\ \Phi_{48}^{5}\ \Phi_{36}^{5}\ \Phi_{32}^{4}\ \Phi_{24}^{5}\ \Phi_{18}\ \Phi_{16}^{4}\ \Phi_{12}^{5}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{6}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
88775	1364	300	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{6}{25}$	$\frac{19}{50}$	$\Phi_{300}^{5}\ \Phi_{150}^{5}\ \Phi_{100}^{5}\ \Phi_{75}^{5}\ \Phi_{60}^{5}\ \Phi_{50}\ \Phi_{30}^{5}\ \Phi_{25}^{4}\ \Phi_{20}^{5}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
88776	1364	2000	$\frac{1}{125}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{2000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
88777	1364	720	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{720}^{3}\ \Phi_{360}\ \Phi_{240}^{3}\ \Phi_{180}\ \Phi_{144}^{3}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}^{3}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}^{2}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
88778	1364	522	$\frac{1}{29}$	$\frac{7}{87}$	$\frac{80}{261}$	$\frac{181}{522}$	$\Phi_{522}^{4}\ \Phi_{174}^{4}\ \Phi_{87}^{4}\ \Phi_{58}^{4}\ \Phi_{29}^{3}\ \Phi_{18}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
88779	1364	510	$\frac{1}{170}$	$\frac{169}{510}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{510}^{3}\ \Phi_{255}^{3}\ \Phi_{170}^{2}\ \Phi_{102}^{3}\ \Phi_{85}^{2}\ \Phi_{51}^{3}\ \Phi_{34}^{2}\ \Phi_{30}^{3}\ \Phi_{17}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
88780	1364	1032	$\frac{3}{344}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1032}\ \Phi_{516}\ \Phi_{344}^{2}\ \Phi_{258}\ \Phi_{172}^{2}\ \Phi_{129}\ \Phi_{86}^{2}\ \Phi_{43}^{2}\ \Phi_{24}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
88781	1364	345	$\frac{4}{345}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{345}^{4}\ \Phi_{115}^{4}\ \Phi_{69}^{4}\ \Phi_{23}^{4}\ \Phi_{15}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
88782	1364	1275	$\frac{1}{85}$	$\frac{84}{425}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1275}\ \Phi_{425}^{2}\ \Phi_{75}\ \Phi_{25}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
88783	1364	408	$\frac{1}{68}$	$\frac{67}{408}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{408}^{4}\ \Phi_{204}^{3}\ \Phi_{136}^{4}\ \Phi_{102}^{3}\ \Phi_{68}^{2}\ \Phi_{51}^{3}\ \Phi_{34}^{2}\ \Phi_{24}^{4}\ \Phi_{17}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{4}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
88784	1364	1050	$\frac{9}{350}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}^{2}\ \Phi_{210}\ \Phi_{175}^{2}\ \Phi_{150}\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}^{2}\ \Phi_{50}^{2}\ \Phi_{42}\ \Phi_{35}^{2}\ \Phi_{25}^{2}\ \Phi_{21}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
88785	1364	102	$\frac{1}{34}$	$\frac{3}{34}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{102}^{10}\ \Phi_{51}^{10}\ \Phi_{34}^{20}\ \Phi_{17}^{20}\ \Phi_{6}^{10}\ \Phi_{3}^{11}\ \Phi_{2}^{20}\ \Phi_{1}^{22}$
88786	1364	96	$\frac{1}{32}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{96}^{15}\ \Phi_{48}^{15}\ \Phi_{32}^{14}\ \Phi_{24}^{15}\ \Phi_{16}^{14}\ \Phi_{12}^{11}\ \Phi_{8}^{14}\ \Phi_{6}^{11}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
88787	1364	759	$\frac{1}{23}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{759}^{2}\ \Phi_{253}^{2}\ \Phi_{69}$
88788	1364	357	$\frac{16}{357}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{357}^{4}\ \Phi_{119}^{4}\ \Phi_{51}^{3}\ \Phi_{21}^{4}\ \Phi_{17}^{2}\ \Phi_{7}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
88789	1364	360	$\frac{1}{20}$	$\frac{19}{360}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{4}\ \Phi_{90}^{4}\ \Phi_{72}^{4}\ \Phi_{60}^{3}\ \Phi_{45}^{4}\ \Phi_{40}^{4}\ \Phi_{36}^{4}\ \Phi_{30}^{3}\ \Phi_{24}^{4}\ \Phi_{20}^{2}\ \Phi_{18}^{4}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
88790	1364	1035	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{1035}^{2}\ \Phi_{207}^{2}\ \Phi_{69}$
88791	1364	2016	$\frac{1}{32}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
88792	1364	315	$\frac{1}{63}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{315}^{4}\ \Phi_{105}^{4}\ \Phi_{63}^{6}\ \Phi_{45}^{4}\ \Phi_{35}^{4}\ \Phi_{21}^{6}\ \Phi_{15}^{3}\ \Phi_{9}^{6}\ \Phi_{7}^{6}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
88793	1364	1419	$\frac{2}{33}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{1419}\ \Phi_{473}\ \Phi_{43}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
88794	1364	2760	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{552}\ \Phi_{276}\ \Phi_{69}$
88795	1364	672	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{168}^{3}\ \Phi_{96}^{4}\ \Phi_{84}^{3}\ \Phi_{48}^{4}\ \Phi_{42}\ \Phi_{24}^{4}\ \Phi_{21}^{2}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
88796	1364	2415	$\frac{1}{23}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{69}$
88797	1364	660	$\frac{2}{33}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{220}^{3}\ \Phi_{165}^{2}\ \Phi_{110}^{3}\ \Phi_{60}\ \Phi_{55}^{2}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
88798	1364	1725	$\frac{1}{23}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{69}$
88799	1364	828	$\frac{1}{23}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{828}^{2}\ \Phi_{414}^{2}\ \Phi_{276}^{2}\ \Phi_{207}^{2}\ \Phi_{92}^{2}\ \Phi_{69}$
88800	1364	423	$\frac{1}{47}$	$\frac{82}{423}$	$\frac{95}{423}$	$\frac{46}{141}$	$\Phi_{423}^{3}\ \Phi_{141}^{4}\ \Phi_{47}^{3}\ \Phi_{9}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
88801	1364	2520	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{163}{504}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{360}\ \Phi_{315}\ \Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
88802	1364	783	$\frac{1}{29}$	$\frac{101}{783}$	$\frac{59}{261}$	$\frac{28}{87}$	$\Phi_{783}^{2}\ \Phi_{261}\ \Phi_{87}^{2}\ \Phi_{29}\ \Phi_{27}^{2}\ \Phi_{9}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
88803	1364	435	$\frac{1}{29}$	$\frac{59}{435}$	$\frac{94}{435}$	$\frac{28}{87}$	$\Phi_{435}^{3}\ \Phi_{145}^{3}\ \Phi_{87}^{4}\ \Phi_{29}^{3}\ \Phi_{15}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
88804	1364	1890	$\frac{1}{18}$	$\frac{37}{378}$	$\frac{1}{5}$	$\frac{17}{54}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
88805	1364	1935	$\frac{1}{15}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{14}{45}$	$\Phi_{1935}\ \Phi_{387}\ \Phi_{45}^{2}\ \Phi_{43}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
88806	1364	180	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{14}{45}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}\ \Phi_{45}^{8}\ \Phi_{36}^{12}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^{12}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}^{8}$
88807	1364	2430	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{1}{5}$	$\frac{145}{486}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
88808	1364	1863	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{1863}\ \Phi_{207}\ \Phi_{69}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
88809	1364	87	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{7}{29}$	$\frac{25}{87}$	$\Phi_{87}^{22}\ \Phi_{29}^{3}\ \Phi_{3}^{22}\ \Phi_{1}^{4}$
88810	1364	615	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{10}{41}$	$\frac{4}{15}$	$\Phi_{615}^{3}\ \Phi_{123}^{3}\ \Phi_{41}^{4}\ \Phi_{15}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
88811	1364	480	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}\ \Phi_{120}^{4}\ \Phi_{96}^{4}\ \Phi_{80}\ \Phi_{60}^{4}\ \Phi_{48}^{4}\ \Phi_{40}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{6}^{4}$
88812	1364	540	$\frac{11}{135}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{540}^{3}\ \Phi_{270}^{3}\ \Phi_{180}^{3}\ \Phi_{135}^{2}\ \Phi_{108}^{3}\ \Phi_{90}^{3}\ \Phi_{60}\ \Phi_{54}^{3}\ \Phi_{45}^{2}\ \Phi_{36}^{3}\ \Phi_{30}\ \Phi_{27}^{2}\ \Phi_{20}\ \Phi_{18}^{3}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}^{2}$
88813	1364	966	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{966}^{2}\ \Phi_{483}^{2}\ \Phi_{161}\ \Phi_{138}^{2}\ \Phi_{69}^{2}$
88814	1364	2280	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{37}{152}$	$\frac{115}{456}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{120}\ \Phi_{95}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
88815	1364	1720	$\frac{3}{43}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{10}{43}$	$\Phi_{1720}\ \Phi_{860}\ \Phi_{344}\ \Phi_{172}\ \Phi_{43}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
88816	1364	1505	$\frac{3}{43}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{10}{43}$	$\Phi_{1505}\ \Phi_{301}\ \Phi_{43}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
88817	1364	1548	$\frac{3}{43}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{10}{43}$	$\Phi_{1548}\ \Phi_{774}\ \Phi_{516}\ \Phi_{387}\ \Phi_{172}\ \Phi_{43}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
88818	1364	120	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{40}$	$\Phi_{120}^{16}\ \Phi_{60}^{9}\ \Phi_{40}^{12}\ \Phi_{30}^{9}\ \Phi_{24}^{16}\ \Phi_{20}^{5}\ \Phi_{15}^{9}\ \Phi_{12}^{8}\ \Phi_{10}^{9}\ \Phi_{8}^{12}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{4}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
88819	1364	2160	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{1}{5}$	$\frac{91}{432}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
88820	1364	360	$\frac{19}{360}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{3}\ \Phi_{90}^{4}\ \Phi_{72}^{4}\ \Phi_{60}^{3}\ \Phi_{45}^{4}\ \Phi_{40}^{3}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{3}\ \Phi_{18}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
88821	1364	420	$\frac{1}{12}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{4}\ \Phi_{70}^{4}\ \Phi_{60}\ \Phi_{42}^{4}\ \Phi_{30}\ \Phi_{28}^{4}\ \Phi_{21}^{4}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}^{4}\ \Phi_{10}$
88822	1364	420	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{79}{420}$	$\frac{1}{5}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{4}\ \Phi_{70}^{3}\ \Phi_{60}^{3}\ \Phi_{42}^{4}\ \Phi_{35}^{3}\ \Phi_{30}^{4}\ \Phi_{28}^{4}\ \Phi_{21}^{4}\ \Phi_{20}^{3}\ \Phi_{15}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
88823	1364	190	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{7}{38}$	$\frac{1}{5}$	$\Phi_{190}^{9}\ \Phi_{95}^{9}\ \Phi_{10}^{9}\ \Phi_{5}^{8}$
88824	1364	300	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{5}$	$\Phi_{300}^{6}\ \Phi_{150}^{6}\ \Phi_{100}^{6}\ \Phi_{75}^{4}\ \Phi_{60}\ \Phi_{50}^{6}\ \Phi_{30}\ \Phi_{25}^{4}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
88825	1364	180	$\frac{1}{12}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{60}^{6}\ \Phi_{45}^{11}\ \Phi_{30}^{7}\ \Phi_{20}^{6}\ \Phi_{15}^{7}\ \Phi_{10}^{7}\ \Phi_{5}^{6}$
88826	1364	1890	$\frac{37}{378}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
88827	1364	1920	$\frac{5}{48}$	$\frac{43}{384}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{160}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
88828	1365	544	$\frac{1}{272}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{271}{544}$	$\Phi_{544}^{5}\ \Phi_{32}^{5}\ \Phi_{8}\ \Phi_{1}$
88829	1365	1812	$\frac{2}{453}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{451}{906}$	$\Phi_{1812}\ \Phi_{604}\ \Phi_{453}\ \Phi_{151}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
88830	1365	1164	$\frac{1}{194}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{193}{388}$	$\Phi_{582}^{2}\ \Phi_{388}\ \Phi_{291}^{2}\ \Phi_{194}^{2}\ \Phi_{97}^{2}\ \Phi_{12}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88831	1365	3492	$\frac{1}{194}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{193}{388}$	$\Phi_{3492}\ \Phi_{388}\ \Phi_{36}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
88832	1365	608	$\frac{1}{152}$	$\frac{1}{4}$	$\frac{153}{608}$	$\frac{151}{304}$	$\Phi_{608}^{3}\ \Phi_{152}^{3}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{32}^{3}\ \Phi_{19}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88833	1365	904	$\frac{3}{452}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{449}{904}$	$\Phi_{904}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88834	1365	496	$\frac{1}{124}$	$\frac{25}{248}$	$\frac{223}{496}$	$\frac{123}{248}$	$\Phi_{496}^{5}\ \Phi_{248}\ \Phi_{16}^{5}\ \Phi_{8}\ \Phi_{1}$
88835	1365	624	$\frac{1}{104}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{103}{208}$	$\Phi_{624}^{4}\ \Phi_{208}^{5}\ \Phi_{48}^{4}\ \Phi_{24}\ \Phi_{16}^{5}\ \Phi_{8}\ \Phi_{1}$
88836	1365	3120	$\frac{1}{104}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{103}{208}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{240}\ \Phi_{208}\ \Phi_{80}\ \Phi_{16}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
88837	1365	1872	$\frac{1}{104}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{103}{208}$	$\Phi_{1872}^{2}\ \Phi_{208}\ \Phi_{144}^{2}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
88838	1365	208	$\frac{1}{104}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{103}{208}$	$\Phi_{208}^{5}\ \Phi_{104}^{8}\ \Phi_{52}^{8}\ \Phi_{26}^{8}\ \Phi_{16}^{6}\ \Phi_{13}^{8}\ \Phi_{8}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
88839	1365	1260	$\frac{1}{90}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{89}{180}$	$\Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{210}^{2}\ \Phi_{180}\ \Phi_{126}^{2}\ \Phi_{105}^{2}\ \Phi_{90}^{2}\ \Phi_{70}^{2}\ \Phi_{63}^{2}\ \Phi_{60}\ \Phi_{45}^{2}\ \Phi_{42}^{2}\ \Phi_{36}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{28}\ \Phi_{21}^{2}\ \Phi_{20}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88840	1365	1260	$\frac{1}{90}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{89}{180}$	$\Phi_{1260}^{2}\ \Phi_{420}^{2}\ \Phi_{252}^{2}\ \Phi_{180}^{3}\ \Phi_{140}^{2}\ \Phi_{84}^{2}\ \Phi_{60}^{3}\ \Phi_{36}^{3}\ \Phi_{28}^{2}\ \Phi_{20}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
88841	1365	180	$\frac{1}{90}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{89}{180}$	$\Phi_{180}^{5}\ \Phi_{90}^{10}\ \Phi_{60}^{5}\ \Phi_{45}^{10}\ \Phi_{36}^{5}\ \Phi_{30}^{10}\ \Phi_{20}^{5}\ \Phi_{18}^{10}\ \Phi_{15}^{10}\ \Phi_{12}^{7}\ \Phi_{10}^{10}\ \Phi_{9}^{10}\ \Phi_{6}^{11}\ \Phi_{5}^{10}\ \Phi_{4}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
88842	1365	640	$\frac{1}{64}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{63}{128}$	$\Phi_{640}^{4}\ \Phi_{128}^{5}\ \Phi_{40}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
88843	1365	640	$\frac{1}{64}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{63}{128}$	$\Phi_{640}^{4}\ \Phi_{128}^{5}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88844	1365	128	$\frac{1}{64}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{63}{128}$	$\Phi_{128}^{21}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88845	1365	3200	$\frac{1}{64}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{63}{128}$	$\Phi_{3200}\ \Phi_{128}\ \Phi_{25}\ \Phi_{1}$
88846	1365	304	$\frac{3}{152}$	$\frac{31}{304}$	$\frac{1}{4}$	$\frac{149}{304}$	$\Phi_{304}^{4}\ \Phi_{152}^{5}\ \Phi_{76}^{5}\ \Phi_{38}^{5}\ \Phi_{19}^{5}\ \Phi_{16}^{4}\ \Phi_{8}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
88847	1365	176	$\frac{1}{44}$	$\frac{3}{88}$	$\frac{85}{176}$	$\frac{43}{88}$	$\Phi_{176}^{15}\ \Phi_{88}\ \Phi_{16}^{15}\ \Phi_{8}\ \Phi_{1}$
88848	1365	352	$\frac{1}{44}$	$\frac{9}{88}$	$\frac{79}{352}$	$\frac{43}{88}$	$\Phi_{352}^{5}\ \Phi_{176}^{5}\ \Phi_{88}\ \Phi_{32}^{5}\ \Phi_{16}^{5}\ \Phi_{8}\ \Phi_{1}$
88849	1365	528	$\frac{1}{44}$	$\frac{73}{528}$	$\frac{15}{88}$	$\frac{43}{88}$	$\Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{176}^{3}\ \Phi_{132}^{3}\ \Phi_{88}\ \Phi_{66}^{3}\ \Phi_{48}^{3}\ \Phi_{33}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}$
88850	1365	888	$\frac{11}{444}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{433}{888}$	$\Phi_{888}^{3}\ \Phi_{296}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88851	1365	1292	$\frac{1}{38}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{37}{76}$	$\Phi_{646}^{2}\ \Phi_{323}^{2}\ \Phi_{76}\ \Phi_{68}\ \Phi_{38}^{2}\ \Phi_{34}^{2}\ \Phi_{19}^{2}\ \Phi_{17}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88852	1365	3876	$\frac{1}{38}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{37}{76}$	$\Phi_{3876}\ \Phi_{228}\ \Phi_{204}\ \Phi_{76}\ \Phi_{51}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
88853	1365	1292	$\frac{1}{38}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{37}{76}$	$\Phi_{1292}^{2}\ \Phi_{76}^{3}\ \Phi_{68}^{2}\ \Phi_{17}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
88854	1365	456	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{37}{76}$	$\Phi_{456}^{4}\ \Phi_{228}^{2}\ \Phi_{152}^{2}\ \Phi_{114}^{4}\ \Phi_{76}\ \Phi_{57}^{4}\ \Phi_{38}^{2}\ \Phi_{24}^{6}\ \Phi_{19}^{2}\ \Phi_{12}^{4}\ \Phi_{8}^{3}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88855	1365	1292	$\frac{1}{34}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{33}{68}$	$\Phi_{1292}^{2}\ \Phi_{76}^{2}\ \Phi_{68}^{3}\ \Phi_{19}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
88856	1365	476	$\frac{1}{34}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{476}^{2}\ \Phi_{238}^{4}\ \Phi_{119}^{4}\ \Phi_{68}\ \Phi_{34}^{2}\ \Phi_{28}^{4}\ \Phi_{17}^{2}\ \Phi_{14}^{5}\ \Phi_{7}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88857	1365	1386	$\frac{2}{63}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{198}\ \Phi_{154}\ \Phi_{99}\ \Phi_{77}\ \Phi_{66}^{2}\ \Phi_{63}\ \Phi_{33}^{2}\ \Phi_{22}\ \Phi_{21}\ \Phi_{11}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
88858	1365	504	$\frac{2}{63}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{61}{126}$	$\Phi_{504}^{3}\ \Phi_{252}^{3}\ \Phi_{168}^{3}\ \Phi_{84}^{3}\ \Phi_{72}^{3}\ \Phi_{63}^{3}\ \Phi_{56}^{4}\ \Phi_{36}^{3}\ \Phi_{28}^{4}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{14}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
88859	1365	176	$\frac{3}{88}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{85}{176}$	$\Phi_{176}^{15}\ \Phi_{22}^{2}\ \Phi_{16}^{15}\ \Phi_{11}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88860	1365	176	$\frac{3}{88}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{85}{176}$	$\Phi_{176}^{7}\ \Phi_{88}^{8}\ \Phi_{44}^{8}\ \Phi_{22}^{8}\ \Phi_{16}^{10}\ \Phi_{11}^{8}\ \Phi_{8}^{11}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
88861	1365	176	$\frac{3}{88}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{85}{176}$	$\Phi_{176}^{15}\ \Phi_{16}^{15}\ \Phi_{11}^{4}\ \Phi_{1}^{5}$
88862	1365	224	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{29}{224}$	$\frac{27}{56}$	$\Phi_{224}^{7}\ \Phi_{112}^{7}\ \Phi_{56}^{4}\ \Phi_{32}^{7}\ \Phi_{28}^{3}\ \Phi_{16}^{7}\ \Phi_{14}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88863	1365	110	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{19}{110}$	$\frac{53}{110}$	$\Phi_{110}^{10}\ \Phi_{55}^{15}\ \Phi_{22}^{10}\ \Phi_{11}^{14}\ \Phi_{10}^{10}\ \Phi_{5}^{15}\ \Phi_{2}^{10}\ \Phi_{1}^{15}$
88864	1365	1748	$\frac{18}{437}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{419}{874}$	$\Phi_{1748}\ \Phi_{437}\ \Phi_{92}\ \Phi_{76}^{2}\ \Phi_{38}\ \Phi_{23}\ \Phi_{19}\ \Phi_{4}\ \Phi_{1}$
88865	1365	96	$\frac{1}{24}$	$\frac{5}{96}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{96}^{15}\ \Phi_{48}^{12}\ \Phi_{32}^{15}\ \Phi_{24}^{15}\ \Phi_{16}^{12}\ \Phi_{12}^{15}\ \Phi_{8}^{15}\ \Phi_{6}^{15}\ \Phi_{4}^{14}\ \Phi_{3}^{15}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
88866	1365	88	$\frac{1}{22}$	$\frac{1}{22}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{88}^{21}\ \Phi_{22}^{20}\ \Phi_{11}^{20}\ \Phi_{8}^{21}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
88867	1365	124	$\frac{1}{31}$	$\frac{3}{62}$	$\frac{10}{31}$	$\frac{59}{124}$	$\Phi_{124}^{21}\ \Phi_{31}^{2}\ \Phi_{4}^{21}\ \Phi_{1}^{3}$
88868	1365	480	$\frac{1}{32}$	$\frac{1}{20}$	$\frac{31}{96}$	$\frac{19}{40}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{120}^{4}\ \Phi_{96}^{5}\ \Phi_{60}^{4}\ \Phi_{48}^{5}\ \Phi_{40}\ \Phi_{30}^{4}\ \Phi_{24}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{8}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}$
88869	1365	680	$\frac{3}{68}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{680}^{4}\ \Phi_{136}^{4}\ \Phi_{68}\ \Phi_{40}\ \Phi_{34}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
88870	1365	80	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{19}{40}$	$\Phi_{80}^{16}\ \Phi_{40}^{17}\ \Phi_{20}^{16}\ \Phi_{16}^{20}\ \Phi_{10}^{16}\ \Phi_{8}^{21}\ \Phi_{5}^{16}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
88871	1365	840	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{840}^{4}\ \Phi_{280}^{2}\ \Phi_{168}^{4}\ \Phi_{120}^{2}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{40}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
88872	1365	360	$\frac{1}{20}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{19}{40}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{4}\ \Phi_{90}^{4}\ \Phi_{72}^{5}\ \Phi_{60}^{4}\ \Phi_{45}^{4}\ \Phi_{40}\ \Phi_{36}^{5}\ \Phi_{30}^{4}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{8}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}$
88873	1365	864	$\frac{1}{24}$	$\frac{23}{432}$	$\frac{1}{4}$	$\frac{409}{864}$	$\Phi_{864}^{3}\ \Phi_{288}^{3}\ \Phi_{96}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88874	1365	2584	$\frac{3}{76}$	$\frac{73}{1292}$	$\frac{1}{4}$	$\frac{1219}{2584}$	$\Phi_{2584}\ \Phi_{152}\ \Phi_{136}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
88875	1365	1320	$\frac{1}{40}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}^{2}\ \Phi_{110}\ \Phi_{88}\ \Phi_{60}^{2}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
88876	1365	132	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{31}{66}$	$\Phi_{132}^{11}\ \Phi_{66}^{6}\ \Phi_{44}^{13}\ \Phi_{33}^{11}\ \Phi_{22}^{8}\ \Phi_{12}^{11}\ \Phi_{11}^{12}\ \Phi_{6}^{6}\ \Phi_{4}^{13}\ \Phi_{3}^{11}\ \Phi_{2}^{8}\ \Phi_{1}^{13}$
88877	1365	124	$\frac{1}{31}$	$\frac{2}{31}$	$\frac{33}{124}$	$\frac{29}{62}$	$\Phi_{124}^{15}\ \Phi_{31}^{14}\ \Phi_{4}^{15}\ \Phi_{1}^{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
88878	1365	2604	$\frac{2}{93}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{2604}\ \Phi_{868}\ \Phi_{372}\ \Phi_{124}\ \Phi_{93}\ \Phi_{31}\ \Phi_{28}\ \Phi_4\ \Phi_1$
88879	1365	3780	$\frac{1}{45}$	$\frac{1}{14}$	$\frac{44}{135}$	$\frac{13}{28}$	$\Phi_{3780}\ \Phi_{756}\ \Phi_{540}\ \Phi_{135}\ \Phi_{108}\ \Phi_{28}\ \Phi_{27}\ \Phi_4\ \Phi_1$
88880	1365	840	$\frac{1}{30}$	$\frac{1}{14}$	$\frac{29}{120}$	$\frac{13}{28}$	$\Phi_{840}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}^3\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
88881	1365	2660	$\frac{4}{95}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{2660}\ \Phi_{532}\ \Phi_{380}\ \Phi_{95}\ \Phi_{76}\ \Phi_{28}\ \Phi_{19}\ \Phi_4\ \Phi_1$
88882	1365	672	$\frac{5}{96}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}^3\ \Phi_{56}^2\ \Phi_{48}^3\ \Phi_{42}^2\ \Phi_{32}^3\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
88883	1365	756	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{17}{108}$	$\frac{13}{28}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^3\ \Phi_{63}^2\ \Phi_{54}^3\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}^3\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
88884	1365	420	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{2}{15}$	$\frac{13}{28}$	$\Phi_{420}^6\ \Phi_{140}^6\ \Phi_{84}^6\ \Phi_{60}^6\ \Phi_{28}^7\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_5^6\ \Phi_4^7\ \Phi_3^6\ \Phi_1^7$
88885	1365	56	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{28}$	$\Phi_{56}^{28}\ \Phi_{28}^{15}\ \Phi_{14}^{27}\ \Phi_8^{27}\ \Phi_7^{27}\ \Phi_4^{14}\ \Phi_2^{26}\ \Phi_1^{27}$
88886	1365	2772	$\frac{1}{14}$	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{13}{28}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{132}\ \Phi_{99}\ \Phi_{44}\ \Phi_{33}\ \Phi_{28}\ \Phi_{11}\ \Phi_4\ \Phi_1$
88887	1365	700	$\frac{1}{14}$	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{13}{28}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{100}^3\ \Phi_{70}^2\ \Phi_{50}^3\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{25}^3\ \Phi_{20}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
88888	1365	312	$\frac{1}{52}$	$\frac{1}{12}$	$\frac{17}{52}$	$\frac{11}{24}$	$\Phi_{312}^8\ \Phi_{104}^8\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{24}^9\ \Phi_{13}^2\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
88889	1365	240	$\frac{1}{40}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{240}^8\ \Phi_{120}^4\ \Phi_{80}^8\ \Phi_{60}^4\ \Phi_{48}^7\ \Phi_{40}^3\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{16}^7\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
88890	1365	72	$\frac{1}{36}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{72}^{36}\ \Phi_{36}^3\ \Phi_{24}^{33}\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^{33}\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
88891	1365	312	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{5}{26}$	$\frac{11}{24}$	$\Phi_{312}^8\ \Phi_{104}^8\ \Phi_{26}^4\ \Phi_{24}^9\ \Phi_{13}^4\ \Phi_8^9\ \Phi_2^4\ \Phi_1^5$
88892	1365	264	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{264}^{10}\ \Phi_{88}^{10}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{24}^5\ \Phi_{22}\ \Phi_{11}\ \Phi_8^5\ \Phi_6\ \Phi_3\ \Phi_1$
88893	1365	312	$\frac{3}{52}$	$\frac{1}{12}$	$\frac{7}{52}$	$\frac{11}{24}$	$\Phi_{312}^8\ \Phi_{104}^8\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{24}^9\ \Phi_{13}^2\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
88894	1365	48	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{48}^{28}\ \Phi_{24}^{25}\ \Phi_{16}^{35}\ \Phi_{12}^{24}\ \Phi_8^{31}\ \Phi_6^{24}\ \Phi_4^{30}\ \Phi_3^{24}\ \Phi_2^{30}\ \Phi_1^{31}$
88895	1365	312	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{4}{39}$	$\frac{11}{24}$	$\Phi_{312}^8\ \Phi_{104}^8\ \Phi_{39}^3\ \Phi_{24}^9\ \Phi_{13}^2\ \Phi_8^9\ \Phi_3^3\ \Phi_1^3$
88896	1365	836	$\frac{1}{38}$	$\frac{37}{418}$	$\frac{1}{4}$	$\frac{381}{836}$	$\Phi_{836}\ \Phi_{418}^2\ \Phi_{209}^2\ \Phi_{76}^3\ \Phi_{44}\ \Phi_{38}^3\ \Phi_{22}^2\ \Phi_{19}^3\ \Phi_{11}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
88897	1365	320	$\frac{1}{40}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{320}^8\ \Phi_{64}^7\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
88898	1365	496	$\frac{1}{31}$	$\frac{25}{248}$	$\frac{6}{31}$	$\frac{223}{496}$	$\Phi_{496}^5\ \Phi_{31}^4\ \Phi_{16}^5\ \Phi_1^5$
88899	1365	528	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{73}{528}$	$\frac{59}{132}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{88}^3\ \Phi_{66}^3\ \Phi_{48}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{16}^3\ \Phi_{11}^2\ \Phi_8^3\ \Phi_6^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
88900	1365	558	$\frac{1}{31}$	$\frac{10}{93}$	$\frac{103}{558}$	$\frac{83}{186}$	$\Phi_{558}^3\ \Phi_{279}^3\ \Phi_{93}^3\ \Phi_{31}^2\ \Phi_{18}^3\ \Phi_9^3\ \Phi_3^3\ \Phi_1^3$
88901	1365	352	$\frac{1}{44}$	$\frac{19}{176}$	$\frac{43}{176}$	$\frac{157}{352}$	$\Phi_{352}^7\ \Phi_{176}\ \Phi_{88}\ \Phi_{32}^7\ \Phi_{16}\ \Phi_8\ \Phi_1$
88902	1365	352	$\frac{1}{22}$	$\frac{19}{176}$	$\frac{3}{22}$	$\frac{157}{352}$	$\Phi_{352}^7\ \Phi_{32}^7\ \Phi_{22}^6\ \Phi_{11}^6\ \Phi_2^6\ \Phi_1^7$
88903	1365	1260	$\frac{1}{36}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
88904	1365	2432	$\frac{3}{152}$	$\frac{149}{1216}$	$\frac{1}{4}$	$\frac{1067}{2432}$	$\Phi_{2432}\ \Phi_{152}\ \Phi_{128}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_8\ \Phi_1$
88905	1365	464	$\frac{9}{464}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{464}^3\ \Phi_{232}^3\ \Phi_{116}^3\ \Phi_{58}^3\ \Phi_{29}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
88906	1365	144	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{144}^8\ \Phi_{72}^{12}\ \Phi_{48}^8\ \Phi_{36}^{11}\ \Phi_{24}^{12}\ \Phi_{18}^{11}\ \Phi_{16}^6\ \Phi_{12}^{11}\ \Phi_9^{11}\ \Phi_8^9\ \Phi_6^{11}\ \Phi_4^8\ \Phi_3^{11}\ \Phi_2^8\ \Phi_1^9$
88907	1365	44	$\frac{1}{22}$	$\frac{5}{44}$	$\frac{3}{22}$	$\frac{19}{44}$	$\Phi_{44}^{28}\ \Phi_{22}^{34}\ \Phi_{11}^{34}\ \Phi_4^{28}\ \Phi_2^{34}\ \Phi_1^{35}$
88908	1365	228	$\frac{1}{57}$	$\frac{8}{57}$	$\frac{1}{4}$	$\frac{49}{114}$	$\Phi_{228}^8\ \Phi_{114}\ \Phi_{76}^8\ \Phi_{57}^7\ \Phi_{38}\ \Phi_{19}^7\ \Phi_{12}^8\ \Phi_6\ \Phi_4^7\ \Phi_3^7\ \Phi_1^7$
88909	1365	792	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{59}{396}$	$\frac{337}{792}$	$\Phi_{792}^3\ \Phi_{264}^3\ \Phi_{88}^3\ \Phi_{72}^3\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^3\ \Phi_6^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
88910	1365	112	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{9}{56}$	$\frac{47}{112}$	$\Phi_{112}^{21}\ \Phi_{56}^4\ \Phi_{28}^3\ \Phi_{16}^{21}\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
88911	1365	93	$\frac{2}{93}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{93}^{15}\ \Phi_{31}^{14}\ \Phi_{3}^{15}\ \Phi_{1}^{15}$
88912	1365	1164	$\frac{1}{97}$	$\frac{1}{6}$	$\frac{32}{97}$	$\frac{5}{12}$	$\Phi_{1164}^{2}\ \Phi_{388}^{2}\ \Phi_{97}^{2}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
88913	1365	132	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{132}^{8}\ \Phi_{66}^{13}\ \Phi_{44}^{8}\ \Phi_{33}^{13}\ \Phi_{22}^{13}\ \Phi_{12}^{7}\ \Phi_{11}^{13}\ \Phi_{6}^{11}\ \Phi_{4}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
88914	1365	1164	$\frac{2}{97}$	$\frac{1}{6}$	$\frac{19}{97}$	$\frac{5}{12}$	$\Phi_{1164}^{2}\ \Phi_{388}^{2}\ \Phi_{97}^{2}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
88915	1365	120	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^{11}\ \Phi_{30}^{12}\ \Phi_{24}^{12}\ \Phi_{20}^{11}\ \Phi_{15}^{12}\ \Phi_{12}^{7}\ \Phi_{10}^{11}\ \Phi_{8}^{11}\ \Phi_{6}^{11}\ \Phi_{5}^{11}$ $\Phi_{4}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
88916	1365	792	$\frac{1}{22}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{88}^{2}\ \Phi_{72}\ \Phi_{66}^{2}\ \Phi_{36}\ \Phi_{33}^{2}\ \Phi_{24}\ \Phi_{22}$ $\Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
88917	1365	1164	$\frac{6}{97}$	$\frac{7}{97}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1164}^{2}\ \Phi_{388}^{2}\ \Phi_{97}^{2}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
88918	1365	336	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{112}^{6}\ \Phi_{84}^{2}\ \Phi_{56}^{6}\ \Phi_{48}^{2}\ \Phi_{42}^{4}\ \Phi_{28}^{4}\ \Phi_{24}^{2}\ \Phi_{21}^{4}\ \Phi_{16}^{3}\ \Phi_{14}^{5}$ $\Phi_{12}\ \Phi_{8}^{3}\ \Phi_{7}^{5}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88919	1365	22	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{22}^{60}\ \Phi_{11}^{64}\ \Phi_{2}^{60}\ \Phi_{1}^{65}$
88920	1365	310	$\frac{1}{31}$	$\frac{37}{310}$	$\frac{6}{31}$	$\frac{25}{62}$	$\Phi_{310}^{5}\ \Phi_{155}^{5}\ \Phi_{31}^{4}\ \Phi_{10}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{5}$
88921	1365	341	$\frac{6}{341}$	$\frac{67}{341}$	$\frac{68}{341}$	$\frac{137}{341}$	$\Phi_{341}^{4}\ \Phi_{31}^{4}\ \Phi_{11}^{4}\ \Phi_{1}^{5}$
88922	1365	152	$\frac{1}{76}$	$\frac{15}{76}$	$\frac{1}{4}$	$\frac{61}{152}$	$\Phi_{152}^{15}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{19}^{3}\ \Phi_{8}^{15}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88923	1365	576	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{576}^{4}\ \Phi_{192}^{4}\ \Phi_{72}^{4}\ \Phi_{64}^{3}\ \Phi_{36}^{3}\ \Phi_{24}^{4}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}$ $\Phi_{2}^{2}\ \Phi_{1}^{3}$
88924	1365	744	$\frac{1}{124}$	$\frac{83}{372}$	$\frac{41}{124}$	$\frac{289}{744}$	$\Phi_{744}^{3}\ \Phi_{248}^{3}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{24}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88925	1365	744	$\frac{1}{31}$	$\frac{10}{93}$	$\frac{83}{372}$	$\frac{289}{744}$	$\Phi_{744}^{3}\ \Phi_{248}^{3}\ \Phi_{93}^{3}\ \Phi_{31}^{2}\ \Phi_{24}^{3}\ \Phi_{8}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
88926	1365	440	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{53}{220}$	$\frac{167}{440}$	$\Phi_{440}^{5}\ \Phi_{88}^{5}\ \Phi_{55}^{5}\ \Phi_{40}^{5}\ \Phi_{11}^{4}\ \Phi_{8}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{5}$
88927	1365	1984	$\frac{1}{124}$	$\frac{123}{496}$	$\frac{619}{1984}$	$\frac{373}{992}$	$\Phi_{1984}\ \Phi_{496}\ \Phi_{248}\ \Phi_{64}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
88928	1365	136	$\frac{1}{136}$	$\frac{1}{4}$	$\frac{45}{136}$	$\frac{3}{8}$	$\Phi_{136}^{10}\ \Phi_{68}^{10}\ \Phi_{34}^{10}\ \Phi_{17}^{10}\ \Phi_{8}^{11}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
88929	1365	1376	$\frac{11}{1376}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1376}\ \Phi_{688}\ \Phi_{344}\ \Phi_{172}\ \Phi_{86}\ \Phi_{43}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
88930	1365	184	$\frac{1}{92}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{184}^{12}\ \Phi_{92}^{3}\ \Phi_{46}^{3}\ \Phi_{23}^{3}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88931	1365	680	$\frac{1}{68}$	$\frac{67}{340}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{680}^{4}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{40}^{4}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
88932	1365	544	$\frac{5}{272}$	$\frac{89}{544}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{544}^{3}\ \Phi_{272}^{2}\ \Phi_{136}^{2}\ \Phi_{68}^{2}\ \Phi_{34}^{2}\ \Phi_{32}^{3}\ \Phi_{17}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88933	1365	136	$\frac{3}{136}$	$\frac{19}{136}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{136}^{10}\ \Phi_{68}^{10}\ \Phi_{34}^{10}\ \Phi_{17}^{10}\ \Phi_{8}^{11}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
88934	1365	40	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{40}^{35}\ \Phi_{20}^{35}\ \Phi_{10}^{35}\ \Phi_{8}^{31}\ \Phi_{5}^{35}\ \Phi_{4}^{30}\ \Phi_{2}^{30}\ \Phi_{1}^{31}$
88935	1365	408	$\frac{1}{34}$	$\frac{11}{102}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^{6}\ \Phi_{136}^{4}\ \Phi_{102}^{3}\ \Phi_{51}^{3}\ \Phi_{34}^{2}\ \Phi_{24}^{6}\ \Phi_{17}^{2}\ \Phi_{8}^{5}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88936	1365	1496	$\frac{5}{136}$	$\frac{131}{1496}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{374}\ \Phi_{187}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
88937	1365	136	$\frac{3}{68}$	$\frac{5}{68}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{136}^{16}\ \Phi_{68}^{4}\ \Phi_{34}^{4}\ \Phi_{17}^{4}\ \Phi_{8}^{17}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
88938	1365	616	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}^{4}\ \Phi_{154}^{2}\ \Phi_{88}^{2}\ \Phi_{77}^{2}\ \Phi_{56}^{2}\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
88939	1365	96	$\frac{5}{96}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{96}^{15}\ \Phi_{48}^{15}\ \Phi_{32}^{15}\ \Phi_{24}^{15}\ \Phi_{16}^{10}\ \Phi_{12}^{15}\ \Phi_{8}^{11}\ \Phi_{6}^{15}\ \Phi_{4}^{10}\ \Phi_{3}^{15}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
88940	1365	2312	$\frac{16}{289}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2312}\ \Phi_{289}\ \Phi_{8}\ \Phi_{1}$
88941	1365	93	$\frac{2}{93}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{93}^{15}\ \Phi_{31}^{14}\ \Phi_{3}^{15}\ \Phi_{1}^{15}$
88942	1365	704	$\frac{1}{44}$	$\frac{43}{352}$	$\frac{103}{352}$	$\frac{249}{704}$	$\Phi_{704}^{3}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{64}^{3}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
88943	1365	1080	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{1080}\ \Phi_{540}\ \Phi_{360}^{2}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}^{2}\ \Phi_{135}\ \Phi_{120}^{2}\ \Phi_{108}\ \Phi_{90}^{2}$ $\Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{40}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{27}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{12}^{2}$ $\Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
88944	1365	180	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{180}^{8}\ \Phi_{90}^{8}\ \Phi_{60}^{8}\ \Phi_{45}^{8}\ \Phi_{36}^{7}\ \Phi_{30}^{8}\ \Phi_{20}^{5}\ \Phi_{18}^{7}\ \Phi_{15}^{8}\ \Phi_{12}^{7}\ \Phi_{10}^{7}\ \Phi_{9}^{7}\ \Phi_{6}^{7}$ $\Phi_{5}^{7}\ \Phi_{4}^{4}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
88945	1365	484	$\frac{1}{22}$	$\frac{29}{484}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{484}^{3}\ \Phi_{242}^{3}\ \Phi_{121}^{3}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88946	1365	1104	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}^{2}\ \Phi_{276}\ \Phi_{184}^{2}\ \Phi_{92}^{2}\ \Phi_{69}\ \Phi_{48}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}$ $\Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
88947	1365	496	$\frac{1}{31}$	$\frac{41}{496}$	$\frac{10}{31}$	$\frac{21}{62}$	$\Phi_{496}^{3}\ \Phi_{248}^{3}\ \Phi_{124}^{3}\ \Phi_{31}^{2}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
88948	1365	392	$\frac{1}{49}$	$\frac{1}{8}$	$\frac{16}{49}$	$\frac{33}{98}$	$\Phi_{392}^{4}\ \Phi_{196}^{4}\ \Phi_{98}\ \Phi_{56}^{4}\ \Phi_{49}^{3}\ \Phi_{28}^{4}\ \Phi_{14}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
88949	1365	684	$\frac{1}{114}$	$\frac{1}{4}$	$\frac{113}{342}$	$\frac{229}{684}$	$\Phi_{684}\ \Phi_{342}^{2}\ \Phi_{228}^{3}\ \Phi_{171}^{2}\ \Phi_{114}^{3}\ \Phi_{76}^{3}\ \Phi_{57}^{3}\ \Phi_{38}^{3}\ \Phi_{36}\ \Phi_{19}^{3}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88950	1365	873	$\frac{1}{97}$	$\frac{2}{9}$	$\frac{32}{97}$	$\frac{1}{3}$	$\Phi_{873}^{2}\ \Phi_{97}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
88951	1365	780	$\frac{1}{52}$	$\frac{2}{15}$	$\frac{17}{52}$	$\frac{1}{3}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}^{2}\ \Phi_{130}^{2}\ \Phi_{65}^{2}\ \Phi_{60}^{2}\ \Phi_{52}^{2}\ \Phi_{30}^{2}\ \Phi_{26}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{13}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88952	1365	651	$\frac{2}{93}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{651}^{2}\ \Phi_{217}^{2}\ \Phi_{93}^{3}\ \Phi_{31}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
88953	1365	396	$\frac{1}{66}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^{6}\ \Phi_{198}^{3}\ \Phi_{132}^{2}\ \Phi_{99}^{3}\ \Phi_{66}\ \Phi_{44}^{2}\ \Phi_{36}^{5}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
88954	1365	372	$\frac{2}{93}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{372}^{5}\ \Phi_{186}^{2}\ \Phi_{124}^{5}\ \Phi_{93}^{3}\ \Phi_{62}^{2}\ \Phi_{31}^{3}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
88955	1365	180	$\frac{1}{36}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^{9}\ \Phi_{90}^{9}\ \Phi_{60}^{8}\ \Phi_{45}^{9}\ \Phi_{36}^{3}\ \Phi_{30}^{8}\ \Phi_{20}^{8}\ \Phi_{18}^{3}\ \Phi_{15}^{9}\ \Phi_{12}^{3}\ \Phi_{10}^{8}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{9}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88956	1365	924	$\frac{1}{22}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{924}^{2}\ \Phi_{462}\ \Phi_{308}^{2}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}^{2}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{28}\ \Phi_{22}\ \Phi_{21}\ \Phi_{12}\ \Phi_{11}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
88957	1365	873	$\frac{2}{97}$	$\frac{19}{97}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{873}^{2}\ \Phi_{97}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
88958	1365	360	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}^{2}\ \Phi_{90}^{5}\ \Phi_{72}^{5}\ \Phi_{60}^{2}\ \Phi_{45}^{5}\ \Phi_{40}\ \Phi_{36}^{5}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{9}^{3}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
88959	1365	792	$\frac{1}{22}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{198}\ \Phi_{132}^{2}\ \Phi_{99}\ \Phi_{88}^{2}\ \Phi_{72}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{36}\ \Phi_{33}^{2}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
88960	1365	873	$\frac{6}{97}$	$\frac{7}{97}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{873}^{2}\ \Phi_{97}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
88961	1365	1008	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}^{2}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}^{2}\ \Phi_{36}\ \Phi_{28}^{2}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
88962	1365	390	$\frac{1}{26}$	$\frac{2}{15}$	$\frac{5}{26}$	$\frac{1}{3}$	$\Phi_{390}^{4}\ \Phi_{195}^{4}\ \Phi_{130}^{4}\ \Phi_{65}^{4}\ \Phi_{30}^{4}\ \Phi_{26}^{4}\ \Phi_{15}^{5}\ \Phi_{13}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
88963	1365	330	$\frac{1}{22}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{330}^{5}\ \Phi_{165}^{5}\ \Phi_{110}^{5}\ \Phi_{66}^{2}\ \Phi_{55}^{5}\ \Phi_{33}^{2}\ \Phi_{30}^{2}\ \Phi_{22}\ \Phi_{15}^{3}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{6}\ \Phi_{5}^{3}\ \Phi_{3}\ \Phi_{1}$
88964	1365	780	$\frac{3}{52}$	$\frac{2}{15}$	$\frac{7}{52}$	$\frac{1}{3}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}^{2}\ \Phi_{130}^{2}\ \Phi_{65}^{2}\ \Phi_{60}^{2}\ \Phi_{52}^{2}\ \Phi_{30}^{2}\ \Phi_{26}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{13}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88965	1365	240	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{240}^{7}\ \Phi_{120}^{6}\ \Phi_{80}^{7}\ \Phi_{60}^{6}\ \Phi_{40}^{6}\ \Phi_{30}^{6}\ \Phi_{20}^{6}\ \Phi_{16}^{7}\ \Phi_{15}^{7}\ \Phi_{10}^{6}\ \Phi_{8}^{6}\ \Phi_{5}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
88966	1365	195	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{195}^{8}\ \Phi_{65}^{8}\ \Phi_{39}^{3}\ \Phi_{15}^{9}\ \Phi_{13}^{2}\ \Phi_{5}^{9}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
88967	1365	468	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{17}{52}$	$\Phi_{468}^{4}\ \Phi_{234}^{4}\ \Phi_{117}^{4}\ \Phi_{52}^{2}\ \Phi_{36}^{4}\ \Phi_{26}^{2}\ \Phi_{18}^{5}\ \Phi_{13}^{2}\ \Phi_{9}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88968	1365	208	$\frac{1}{52}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{17}{52}$	$\Phi_{208}^{8}\ \Phi_{104}^{8}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{16}^{9}\ \Phi_{13}^{2}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88969	1365	945	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{44}{135}$	$\Phi_{945}^{2}\ \Phi_{189}^{2}\ \Phi_{135}^{3}\ \Phi_{27}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
88970	1365	540	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{44}{135}$	$\Phi_{540}^{5}\ \Phi_{270}^{2}\ \Phi_{135}^{3}\ \Phi_{108}^{5}\ \Phi_{54}^{2}\ \Phi_{27}^{3}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
88971	1365	480	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{31}{96}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{120}^{4}\ \Phi_{96}^{5}\ \Phi_{60}^{4}\ \Phi_{48}^{5}\ \Phi_{30}^{4}\ \Phi_{24}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_{6}^{5}\ \Phi_{5}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88972	1365	96	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{31}{96}$	$\Phi_{96}^{21}\ \Phi_{48}^{21}\ \Phi_{24}^{21}\ \Phi_{12}^{21}\ \Phi_{8}^{3}\ \Phi_{6}^{21}\ \Phi_{4}^{2}\ \Phi_{3}^{21}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88973	1365	2400	$\frac{1}{32}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{31}{96}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{96}\ \Phi_{75}\ \Phi_{48}\ \Phi_{25}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
88974	1365	93	$\frac{1}{31}$	$\frac{3}{31}$	$\frac{28}{93}$	$\frac{10}{31}$	$\Phi_{93}^{21}\ \Phi_{31}^{2}\ \Phi_{3}^{21}\ \Phi_{1}^{3}$
88975	1365	31	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{10}{31}$	$\Phi_{31}^{44}\ \Phi_{1}^{45}$
88976	1365	168	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{19}{84}$	$\frac{9}{28}$	$\Phi_{168}^{12}\ \Phi_{84}^{9}\ \Phi_{56}^{4}\ \Phi_{42}^{9}\ \Phi_{28}^{3}\ \Phi_{24}^{12}\ \Phi_{21}^{9}\ \Phi_{14}^{3}\ \Phi_{12}^{9}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{9}\ \Phi_{4}^{2}\ \Phi_{3}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88977	1365	72	$\frac{1}{24}$	$\frac{7}{72}$	$\frac{1}{4}$	$\frac{23}{72}$	$\Phi_{72}^{18}\ \Phi_{36}^{18}\ \Phi_{24}^{21}\ \Phi_{18}^{18}\ \Phi_{12}^{21}\ \Phi_{9}^{18}\ \Phi_{8}^{21}\ \Phi_{6}^{21}\ \Phi_{4}^{20}\ \Phi_{3}^{21}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
88978	1365	132	$\frac{1}{22}$	$\frac{3}{44}$	$\frac{41}{132}$	$\frac{7}{22}$	$\Phi_{132}^{15}\ \Phi_{66}^{15}\ \Phi_{33}^{15}\ \Phi_{22}^{2}\ \Phi_{12}^{15}\ \Phi_{11}^{2}\ \Phi_{6}^{15}\ \Phi_{3}^{15}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
88979	1365	110	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{19}{110}$	$\frac{7}{22}$	$\Phi_{110}^{15}\ \Phi_{55}^{15}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{10}^{15}\ \Phi_{5}^{15}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
88980	1365	528	$\frac{1}{22}$	$\frac{73}{528}$	$\frac{15}{88}$	$\frac{7}{22}$	$\Phi_{528}^{3}\,\Phi_{264}^{3}\,\Phi_{176}^{3}\,\Phi_{132}^{3}\,\Phi_{66}^{3}\,\Phi_{48}^{3}\,\Phi_{33}^{3}\,\Phi_{24}^{3}\,\Phi_{22}^{2}\,\Phi_{16}^{3}\,\Phi_{12}^{3}\,\Phi_{11}^{2}\,\Phi_{6}^{3}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
88981	1365	969	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{6}{19}$	$\Phi_{969}^{2}\,\Phi_{57}^{2}\,\Phi_{51}^{3}\,\Phi_{19}^{2}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
88982	1365	323	$\frac{1}{19}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{6}{19}$	$\Phi_{323}^{4}\,\Phi_{19}^{6}\,\Phi_{17}^{6}\,\Phi_{1}^{9}$
88983	1365	456	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{6}{19}$	$\Phi_{456}^{4}\,\Phi_{228}^{4}\,\Phi_{152}^{2}\,\Phi_{114}^{2}\,\Phi_{76}^{2}\,\Phi_{57}^{2}\,\Phi_{24}^{6}\,\Phi_{19}^{2}\,\Phi_{12}^{6}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
88984	1365	1428	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{1428}^{2}\,\Phi_{714}\,\Phi_{357}\,\Phi_{204}\,\Phi_{84}^{2}\,\Phi_{51}\,\Phi_{42}\,\Phi_{28}^{2}\,\Phi_{21}\,\Phi_{14}\,\Phi_{12}\,\Phi_{7}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
88985	1365	682	$\frac{43}{682}$	$\frac{67}{682}$	$\frac{123}{682}$	$\frac{213}{682}$	$\Phi_{682}^{2}\,\Phi_{341}^{2}\,\Phi_{62}^{2}\,\Phi_{31}^{2}\,\Phi_{22}^{2}\,\Phi_{11}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
88986	1365	392	$\frac{13}{196}$	$\frac{1}{8}$	$\frac{27}{196}$	$\frac{61}{196}$	$\Phi_{392}^{4}\,\Phi_{196}^{3}\,\Phi_{98}^{3}\,\Phi_{56}^{4}\,\Phi_{49}^{3}\,\Phi_{28}^{3}\,\Phi_{14}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
88987	1365	341	$\frac{23}{341}$	$\frac{42}{341}$	$\frac{47}{341}$	$\frac{106}{341}$	$\Phi_{341}^{4}\,\Phi_{31}^{4}\,\Phi_{11}^{4}\,\Phi_{1}^{5}$
88988	1365	528	$\frac{1}{16}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{528}^{4}\,\Phi_{264}^{4}\,\Phi_{132}^{3}\,\Phi_{66}^{3}\,\Phi_{48}^{4}\,\Phi_{33}^{3}\,\Phi_{24}^{4}\,\Phi_{16}^{3}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
88989	1365	132	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{41}{132}$	$\Phi_{132}^{15}\,\Phi_{66}^{15}\,\Phi_{33}^{15}\,\Phi_{12}^{15}\,\Phi_{11}^{4}\,\Phi_{6}^{15}\,\Phi_{3}^{15}\,\Phi_{1}^{5}$
88990	1365	822	$\frac{19}{274}$	$\frac{27}{274}$	$\frac{1}{6}$	$\frac{85}{274}$	$\Phi_{822}^{2}\,\Phi_{411}^{2}\,\Phi_{274}\,\Phi_{137}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
88991	1365	340	$\frac{3}{68}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{340}^{4}\,\Phi_{170}^{4}\,\Phi_{85}^{4}\,\Phi_{68}^{5}\,\Phi_{34}^{5}\,\Phi_{17}^{5}\,\Phi_{10}^{2}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
88992	1365	80	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{3}{10}$	$\Phi_{80}^{16}\,\Phi_{40}^{16}\,\Phi_{20}^{16}\,\Phi_{16}^{20}\,\Phi_{10}^{18}\,\Phi_{8}^{20}\,\Phi_{5}^{18}\,\Phi_{4}^{20}\,\Phi_{2}^{22}\,\Phi_{1}^{23}$
88993	1365	210	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{210}^{8}\,\Phi_{105}^{8}\,\Phi_{70}^{4}\,\Phi_{42}^{10}\,\Phi_{35}^{4}\,\Phi_{30}^{4}\,\Phi_{21}^{10}\,\Phi_{15}^{4}\,\Phi_{14}^{5}\,\Phi_{10}^{2}\,\Phi_{7}^{5}\,\Phi_{6}^{5}\,\Phi_{5}^{2}\,\Phi_{3}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
88994	1365	360	$\frac{7}{72}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{10}$	$\Phi_{360}^{4}\,\Phi_{180}^{4}\,\Phi_{120}^{4}\,\Phi_{90}^{4}\,\Phi_{72}^{5}\,\Phi_{60}^{4}\,\Phi_{45}^{4}\,\Phi_{36}^{5}\,\Phi_{30}^{4}\,\Phi_{24}^{5}\,\Phi_{18}^{5}\,\Phi_{15}^{4}\,\Phi_{12}^{5}\,\Phi_{10}^{2}\,\Phi_{9}^{5}\,\Phi_{6}^{5}\,\Phi_{5}^{2}\,\Phi_{3}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
88995	1365	594	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{139}{594}$	$\frac{59}{198}$	$\Phi_{594}^{3}\,\Phi_{297}^{3}\,\Phi_{66}^{3}\,\Phi_{54}^{3}\,\Phi_{33}^{3}\,\Phi_{27}^{3}\,\Phi_{22}^{2}\,\Phi_{11}^{2}\,\Phi_{6}^{3}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
88996	1365	648	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{1}{4}$	$\frac{193}{648}$	$\Phi_{648}^{3}\,\Phi_{324}^{3}\,\Phi_{162}^{3}\,\Phi_{81}^{3}\,\Phi_{24}^{3}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
88997	1365	682	$\frac{37}{682}$	$\frac{79}{682}$	$\frac{129}{682}$	$\frac{201}{682}$	$\Phi_{682}^{2}\,\Phi_{341}^{2}\,\Phi_{62}^{2}\,\Phi_{31}^{2}\,\Phi_{22}^{2}\,\Phi_{11}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
88998	1365	742	$\frac{1}{14}$	$\frac{13}{106}$	$\frac{15}{106}$	$\frac{31}{106}$	$\Phi_{742}^{2}\,\Phi_{371}^{2}\,\Phi_{106}\,\Phi_{53}\,\Phi_{14}\,\Phi_{7}\,\Phi_{1}$
88999	1365	55	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{16}{55}$	$\Phi_{55}^{25}\,\Phi_{11}^{24}\,\Phi_{5}^{25}\,\Phi_{1}^{25}$
89000	1365	682	$\frac{45}{682}$	$\frac{91}{682}$	$\frac{97}{682}$	$\frac{197}{682}$	$\Phi_{682}^{2}\,\Phi_{341}^{2}\,\Phi_{62}^{2}\,\Phi_{31}^{2}\,\Phi_{22}^{2}\,\Phi_{11}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
89001	1365	822	$\frac{15}{274}$	$\frac{37}{274}$	$\frac{1}{6}$	$\frac{79}{274}$	$\Phi_{822}^{2}\,\Phi_{411}^{2}\,\Phi_{274}\,\Phi_{137}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
89002	1365	840	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{29}{120}$	$\frac{2}{7}$	$\Phi_{840}^{2}\,\Phi_{420}^{2}\,\Phi_{280}^{2}\,\Phi_{168}^{2}\,\Phi_{140}^{2}\,\Phi_{120}^{3}\,\Phi_{84}^{2}\,\Phi_{60}^{3}\,\Phi_{56}^{2}\,\Phi_{40}^{3}\,\Phi_{28}^{2}\,\Phi_{24}^{3}\,\Phi_{20}^{3}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
89003	1365	665	$\frac{4}{95}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{665}^{2}\,\Phi_{133}^{2}\,\Phi_{95}^{3}\,\Phi_{19}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
89004	1365	672	$\frac{5}{96}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{672}^{2}\,\Phi_{336}^{2}\,\Phi_{224}^{2}\,\Phi_{168}^{2}\,\Phi_{112}^{2}\,\Phi_{96}^{3}\,\Phi_{84}^{2}\,\Phi_{56}^{2}\,\Phi_{48}^{3}\,\Phi_{32}^{3}\,\Phi_{28}^{2}\,\Phi_{24}^{3}\,\Phi_{16}^{3}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
89005	1365	756	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{17}{108}$	$\frac{2}{7}$	$\Phi_{756}^{2}\,\Phi_{378}^{2}\,\Phi_{252}^{2}\,\Phi_{189}^{2}\,\Phi_{108}^{3}\,\Phi_{84}^{2}\,\Phi_{54}^{3}\,\Phi_{36}^{3}\,\Phi_{28}^{2}\,\Phi_{27}^{3}\,\Phi_{12}^{3}\,\Phi_{7}^{2}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
89006	1365	105	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{105}^{12}\,\Phi_{35}^{12}\,\Phi_{21}^{12}\,\Phi_{15}^{18}\,\Phi_{7}^{14}\,\Phi_{5}^{18}\,\Phi_{3}^{18}\,\Phi_{1}^{21}$
89007	1365	56	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{56}^{28}\,\Phi_{28}^{28}\,\Phi_{14}^{13}\,\Phi_{8}^{27}\,\Phi_{7}^{15}\,\Phi_{4}^{27}\,\Phi_{2}^{12}\,\Phi_{1}^{15}$
89008	1365	693	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{693}^{2}\,\Phi_{231}^{2}\,\Phi_{99}^{3}\,\Phi_{77}^{2}\,\Phi_{33}^{3}\,\Phi_{11}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
89009	1365	700	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{700}^{2}\,\Phi_{350}^{2}\,\Phi_{175}^{2}\,\Phi_{140}^{2}\,\Phi_{100}^{3}\,\Phi_{50}^{3}\,\Phi_{28}^{2}\,\Phi_{25}^{3}\,\Phi_{20}^{3}\,\Phi_{7}^{2}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
89010	1365	36	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{36}^{37}\,\Phi_{18}^{38}\,\Phi_{12}^{39}\,\Phi_{9}^{38}\,\Phi_{6}^{39}\,\Phi_{4}^{38}\,\Phi_{3}^{39}\,\Phi_{2}^{38}\,\Phi_{1}^{39}$
89011	1365	234	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{5}{26}$	$\frac{5}{18}$	$\Phi_{234}^{8}\,\Phi_{117}^{8}\,\Phi_{26}^{4}\,\Phi_{18}^{9}\,\Phi_{13}^{4}\,\Phi_{9}^{9}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
89012	1365	198	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{198}^{10}\,\Phi_{99}^{10}\,\Phi_{66}^{2}\,\Phi_{33}^{2}\,\Phi_{22}\,\Phi_{18}^{5}\,\Phi_{11}\,\Phi_{9}^{5}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
89013	1365	468	$\frac{3}{52}$	$\frac{7}{52}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{468}^{4}\,\Phi_{234}^{4}\,\Phi_{117}^{4}\,\Phi_{52}^{2}\,\Phi_{36}^{4}\,\Phi_{26}^{2}\,\Phi_{18}^{5}\,\Phi_{13}^{2}\,\Phi_{9}^{5}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
89014	1365	144	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{144}^{14}\,\Phi_{72}^{12}\,\Phi_{36}^{12}\,\Phi_{18}^{13}\,\Phi_{16}^{7}\,\Phi_{9}^{13}\,\Phi_{8}^{6}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
89015	1365	234	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{234}^{8}\ \Phi_{117}^{8}\ \Phi_{39}^{3}\ \Phi_{18}^{9}\ \Phi_{13}^{2}\ \Phi_{9}^{9}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
89016	1365	341	$\frac{19}{341}$	$\frac{46}{341}$	$\frac{59}{341}$	$\frac{94}{341}$	$\Phi_{341}^{4}\ \Phi_{31}^{4}\ \Phi_{11}^{4}\ \Phi_{1}^{5}$
89017	1365	742	$\frac{1}{14}$	$\frac{11}{106}$	$\frac{19}{106}$	$\frac{29}{106}$	$\Phi_{742}^{2}\ \Phi_{371}^{2}\ \Phi_{106}\ \Phi_{53}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
89018	1365	99	$\frac{8}{99}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{99}^{15}\ \Phi_{33}^{15}\ \Phi_{11}^{4}\ \Phi_{9}^{15}\ \Phi_{3}^{15}\ \Phi_{1}^{5}$
89019	1365	682	$\frac{47}{682}$	$\frac{71}{682}$	$\frac{127}{682}$	$\frac{185}{682}$	$\Phi_{682}^{2}\ \Phi_{341}^{2}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
89020	1365	240	$\frac{1}{40}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{60}^{8}\ \Phi_{48}^{7}\ \Phi_{40}^{3}\ \Phi_{30}^{8}\ \Phi_{24}^{7}\ \Phi_{20}^{3}\ \Phi_{15}^{8}\ \Phi_{12}^{7}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{7}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
89021	1365	392	$\frac{11}{196}$	$\frac{1}{8}$	$\frac{37}{196}$	$\frac{53}{196}$	$\Phi_{392}^{4}\ \Phi_{196}^{3}\ \Phi_{98}^{3}\ \Phi_{56}^{4}\ \Phi_{49}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
89022	1365	124	$\frac{1}{31}$	$\frac{6}{31}$	$\frac{25}{124}$	$\frac{33}{124}$	$\Phi_{124}^{10}\ \Phi_{62}^{10}\ \Phi_{31}^{14}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{15}$
89023	1365	88	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{19}{88}$	$\frac{23}{88}$	$\Phi_{88}^{14}\ \Phi_{44}^{14}\ \Phi_{22}^{20}\ \Phi_{11}^{20}\ \Phi_{8}^{14}\ \Phi_{4}^{14}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
89024	1365	608	$\frac{3}{152}$	$\frac{149}{608}$	$\frac{1}{4}$	$\frac{153}{608}$	$\Phi_{608}^{2}\ \Phi_{304}^{2}\ \Phi_{152}^{3}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{32}^{2}\ \Phi_{19}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
89025	1365	144	$\frac{1}{36}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{144}^{12}\ \Phi_{72}^{12}\ \Phi_{48}^{12}\ \Phi_{36}^{3}\ \Phi_{24}^{12}\ \Phi_{18}^{3}\ \Phi_{16}^{9}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{9}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
89026	1365	136	$\frac{3}{68}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{136}^{12}\ \Phi_{68}^{9}\ \Phi_{34}^{9}\ \Phi_{17}^{9}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
89027	1365	120	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{29}{120}$	$\frac{1}{4}$	$\Phi_{120}^{15}\ \Phi_{60}^{5}\ \Phi_{40}^{15}\ \Phi_{30}^{10}\ \Phi_{24}^{15}\ \Phi_{20}^{5}\ \Phi_{15}^{10}\ \Phi_{12}^{7}\ \Phi_{10}^{10}\ \Phi_{8}^{15}\ \Phi_{6}^{11}\ \Phi_{5}^{10}\ \Phi_{4}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
89028	1365	256	$\frac{3}{64}$	$\frac{1}{8}$	$\frac{61}{256}$	$\frac{1}{4}$	$\Phi_{256}^{7}\ \Phi_{128}^{7}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
89029	1365	96	$\frac{5}{96}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{96}^{15}\ \Phi_{48}^{15}\ \Phi_{32}^{12}\ \Phi_{24}^{15}\ \Phi_{16}^{12}\ \Phi_{12}^{15}\ \Phi_{8}^{15}\ \Phi_{6}^{15}\ \Phi_{4}^{14}\ \Phi_{3}^{15}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
89030	1365	576	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{121}{576}$	$\frac{1}{4}$	$\Phi_{576}^{3}\ \Phi_{288}^{3}\ \Phi_{192}^{3}\ \Phi_{96}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
89031	1365	228	$\frac{2}{57}$	$\frac{11}{57}$	$\frac{23}{114}$	$\frac{1}{4}$	$\Phi_{228}^{8}\ \Phi_{114}^{3}\ \Phi_{76}^{8}\ \Phi_{57}^{5}\ \Phi_{38}^{3}\ \Phi_{19}^{5}\ \Phi_{12}^{8}\ \Phi_{6}^{3}\ \Phi_{4}^{7}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{5}$
89032	1365	1140	$\frac{4}{95}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1140}^{2}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}^{2}\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}\ \Phi_{57}\ \Phi_{19}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
89033	1365	1700	$\frac{3}{68}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{425}\ \Phi_{68}\ \Phi_{34}\ \Phi_{25}\ \Phi_{17}\ \Phi_{1}$
89034	1365	208	$\frac{1}{26}$	$\frac{3}{16}$	$\frac{5}{26}$	$\frac{1}{4}$	$\Phi_{208}^{8}\ \Phi_{104}^{8}\ \Phi_{26}^{4}\ \Phi_{16}^{9}\ \Phi_{13}^{4}\ \Phi_{8}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
89035	1365	528	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{528}^{4}\ \Phi_{264}^{4}\ \Phi_{176}^{2}\ \Phi_{88}^{2}\ \Phi_{66}^{2}\ \Phi_{48}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
89036	1365	208	$\frac{3}{52}$	$\frac{7}{52}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{208}^{8}\ \Phi_{104}^{8}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{16}^{9}\ \Phi_{13}^{2}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
89037	1365	16	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{16}^{84}\ \Phi_{8}^{87}\ \Phi_{4}^{86}\ \Phi_{2}^{86}\ \Phi_{1}^{87}$
89038	1365	624	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{624}^{3}\ \Phi_{312}^{3}\ \Phi_{208}^{2}\ \Phi_{104}^{2}\ \Phi_{48}^{3}\ \Phi_{39}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{13}^{2}\ \Phi_{8}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
89039	1365	456	$\frac{31}{456}$	$\frac{53}{456}$	$\frac{85}{456}$	$\frac{1}{4}$	$\Phi_{456}^{3}\ \Phi_{228}^{3}\ \Phi_{152}^{3}\ \Phi_{114}^{3}\ \Phi_{76}^{3}\ \Phi_{57}^{3}\ \Phi_{38}^{3}\ \Phi_{24}^{3}\ \Phi_{19}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
89040	1365	476	$\frac{1}{14}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{476}^{4}\ \Phi_{238}^{2}\ \Phi_{119}^{2}\ \Phi_{68}^{2}\ \Phi_{28}^{6}\ \Phi_{17}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
89041	1365	456	$\frac{29}{456}$	$\frac{61}{456}$	$\frac{79}{456}$	$\frac{1}{4}$	$\Phi_{456}^{3}\ \Phi_{228}^{3}\ \Phi_{152}^{3}\ \Phi_{114}^{3}\ \Phi_{76}^{3}\ \Phi_{57}^{3}\ \Phi_{38}^{3}\ \Phi_{24}^{3}\ \Phi_{19}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
89042	1365	96	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{96}^{15}\ \Phi_{48}^{15}\ \Phi_{32}^{15}\ \Phi_{24}^{15}\ \Phi_{16}^{15}\ \Phi_{12}^{7}\ \Phi_{8}^{15}\ \Phi_{6}^{11}\ \Phi_{4}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
89043	1365	108	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{108}^{15}\ \Phi_{54}^{15}\ \Phi_{36}^{5}\ \Phi_{27}^{15}\ \Phi_{18}^{10}\ \Phi_{12}^{7}\ \Phi_{9}^{10}\ \Phi_{6}^{11}\ \Phi_{4}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
89044	1365	60	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{60}^{30}\ \Phi_{30}^{12}\ \Phi_{20}^{30}\ \Phi_{15}^{18}\ \Phi_{12}^{32}\ \Phi_{10}^{12}\ \Phi_{6}^{13}\ \Phi_{5}^{18}\ \Phi_{4}^{31}\ \Phi_{3}^{19}\ \Phi_{2}^{12}\ \Phi_{1}^{19}$
89045	1365	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{168}^{12}\ \Phi_{84}^{8}\ \Phi_{56}^{6}\ \Phi_{42}^{10}\ \Phi_{28}^{4}\ \Phi_{24}^{6}\ \Phi_{21}^{10}\ \Phi_{14}^{5}\ \Phi_{12}^{4}\ \Phi_{8}^{3}\ \Phi_{7}^{5}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
89046	1365	396	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{396}^{5}\ \Phi_{198}^{2}\ \Phi_{132}^{5}\ \Phi_{99}^{3}\ \Phi_{66}^{2}\ \Phi_{44}^{5}\ \Phi_{33}^{3}\ \Phi_{22}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
89047	1365	300	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{300}^{6}\ \Phi_{150}^{6}\ \Phi_{100}^{3}\ \Phi_{75}^{6}\ \Phi_{60}^{2}\ \Phi_{50}^{3}\ \Phi_{30}^{4}\ \Phi_{25}^{3}\ \Phi_{20}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{2}\ \Phi_{6}^{5}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
89048	1365	76	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{11}{76}$	$\frac{1}{4}$	$\Phi_{76}^{17}\ \Phi_{38}^{19}\ \Phi_{19}^{19}\ \Phi_{4}^{16}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
89049	1365	224	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{29}{224}$	$\frac{1}{4}$	$\Phi_{224}^{7}\,\Phi_{112}^{7}\,\Phi_{56}^{7}\,\Phi_{28}^{7}\,\Phi_{14}^{7}\,\Phi_{8}^{3}\,\Phi_{7}^{7}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
89050	1365	72	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{72}^{21}\,\Phi_{36}^{21}\,\Phi_{24}^{21}\,\Phi_{18}^{21}\,\Phi_{12}^{21}\,\Phi_{9}^{21}\,\Phi_{8}^{3}\,\Phi_{6}^{21}\,\Phi_{4}^{2}\,\Phi_{3}^{21}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
89051	1365	512	$\frac{7}{64}$	$\frac{57}{512}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{512}^{3}\,\Phi_{256}^{3}\,\Phi_{128}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
89052	1365	168	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{19}{84}$	$\Phi_{168}^{9}\,\Phi_{84}^{6}\,\Phi_{56}^{10}\,\Phi_{42}^{6}\,\Phi_{28}^{7}\,\Phi_{24}^{9}\,\Phi_{21}^{9}\,\Phi_{14}^{7}\,\Phi_{12}^{6}\,\Phi_{8}^{9}\,\Phi_{7}^{9}\,\Phi_{6}^{6}\,\Phi_{4}^{6}\,\Phi_{3}^{9}\,\Phi_{2}^{6}\,\Phi_{1}^{9}$
89053	1365	352	$\frac{1}{11}$	$\frac{9}{88}$	$\frac{2}{11}$	$\frac{79}{352}$	$\Phi_{352}^{5}\,\Phi_{176}^{5}\,\Phi_{32}^{5}\,\Phi_{16}^{5}\,\Phi_{11}^{4}\,\Phi_{1}^{5}$
89054	1365	44	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{2}{11}$	$\frac{9}{44}$	$\Phi_{44}^{30}\,\Phi_{22}^{30}\,\Phi_{11}^{34}\,\Phi_{4}^{30}\,\Phi_{2}^{30}\,\Phi_{1}^{35}$
89055	1365	341	$\frac{16}{341}$	$\frac{65}{341}$	$\frac{68}{341}$	$\frac{69}{341}$	$\Phi_{341}^{4}\,\Phi_{31}^{4}\,\Phi_{11}^{4}\,\Phi_{1}^{5}$
89056	1365	400	$\frac{1}{16}$	$\frac{4}{25}$	$\frac{3}{16}$	$\frac{1}{5}$	$\Phi_{400}^{4}\,\Phi_{200}^{4}\,\Phi_{100}^{4}\,\Phi_{50}^{4}\,\Phi_{25}^{5}\,\Phi_{16}^{4}\,\Phi_{8}^{4}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
89057	1365	1050	$\frac{1}{14}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1050}^{2}\,\Phi_{525}^{2}\,\Phi_{350}\,\Phi_{175}\,\Phi_{150}\,\Phi_{75}\,\Phi_{42}^{2}\,\Phi_{25}\,\Phi_{21}^{2}\,\Phi_{14}\,\Phi_{7}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
89058	1365	1800	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1800}\,\Phi_{900}\,\Phi_{600}\,\Phi_{450}\,\Phi_{300}\,\Phi_{225}\,\Phi_{150}\,\Phi_{75}\,\Phi_{72}\,\Phi_{36}\,\Phi_{25}\,\Phi_{24}\,\Phi_{18}\,\Phi_{12}\,\Phi_{9}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
89059	1365	110	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{19}{110}$	$\frac{2}{11}$	$\Phi_{110}^{15}\,\Phi_{55}^{15}\,\Phi_{11}^{4}\,\Phi_{10}^{15}\,\Phi_{5}^{15}\,\Phi_{1}^{5}$
89060	1366	1362	$\frac{2}{681}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{679}{1362}$	$\Phi_{1362}^{2}\,\Phi_{454}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
89061	1366	1092	$\frac{1}{273}$	$\frac{137}{546}$	$\frac{409}{1092}$	$\frac{136}{273}$	$\Phi_{1092}^{2}\,\Phi_{364}^{2}\,\Phi_{273}\,\Phi_{156}^{2}\,\Phi_{91}\,\Phi_{84}^{2}\,\Phi_{52}^{2}\,\Phi_{39}\,\Phi_{28}^{2}\,\Phi_{21}\,\Phi_{13}\,\Phi_{12}^{2}\,\Phi_{7}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
89062	1366	912	$\frac{1}{228}$	$\frac{229}{912}$	$\frac{1}{3}$	$\frac{227}{456}$	$\Phi_{912}^{2}\,\Phi_{304}^{2}\,\Phi_{228}^{2}\,\Phi_{114}^{2}\,\Phi_{76}^{2}\,\Phi_{57}^{2}\,\Phi_{48}^{2}\,\Phi_{38}^{2}\,\Phi_{19}^{2}\,\Phi_{16}^{2}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
89063	1366	1360	$\frac{3}{680}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{677}{1360}$	$\Phi_{1360}^{2}\,\Phi_{272}^{2}\,\Phi_{80}^{2}\,\Phi_{16}^{2}\,\Phi_{5}\,\Phi_{1}^{2}$
89064	1366	4080	$\frac{3}{680}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{677}{1360}$	$\Phi_{4080}\,\Phi_{816}\,\Phi_{240}\,\Phi_{48}\,\Phi_{12}\,\Phi_{6}$
89065	1366	1170	$\frac{1}{195}$	$\frac{98}{585}$	$\frac{487}{1170}$	$\frac{97}{195}$	$\Phi_{1170}^{2}\,\Phi_{390}^{2}\,\Phi_{234}^{2}\,\Phi_{195}\,\Phi_{130}^{2}\,\Phi_{90}^{2}\,\Phi_{78}^{2}\,\Phi_{65}\,\Phi_{39}\,\Phi_{30}^{2}\,\Phi_{26}^{2}\,\Phi_{18}^{2}\,\Phi_{15}\,\Phi_{13}\,\Phi_{10}^{2}\,\Phi_{6}^{2}\,\Phi_{5}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
89066	1366	1359	$\frac{7}{1359}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{676}{1359}$	$\Phi_{1359}\,\Phi_{453}\,\Phi_{151}\,\Phi_{9}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
89067	1366	1358	$\frac{4}{679}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{675}{1358}$	$\Phi_{1358}^{2}\,\Phi_{194}^{2}\,\Phi_{14}^{2}\,\Phi_{7}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
89068	1366	1356	$\frac{5}{678}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{673}{1356}$	$\Phi_{1356}^{2}\,\Phi_{452}^{2}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
89069	1366	1260	$\frac{1}{105}$	$\frac{53}{630}$	$\frac{577}{1260}$	$\frac{52}{105}$	$\Phi_{1260}^{2}\,\Phi_{420}^{2}\,\Phi_{252}^{2}\,\Phi_{180}^{2}\,\Phi_{140}^{2}\,\Phi_{105}\,\Phi_{84}^{2}\,\Phi_{60}^{2}\,\Phi_{36}^{2}\,\Phi_{35}\,\Phi_{28}^{2}\,\Phi_{21}\,\Phi_{20}^{2}\,\Phi_{15}\,\Phi_{12}^{2}\,\Phi_{7}\,\Phi_{5}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
89070	1366	945	$\frac{1}{105}$	$\frac{53}{315}$	$\frac{262}{945}$	$\frac{52}{105}$	$\Phi_{945}^{2}\,\Phi_{189}^{2}\,\Phi_{135}^{2}\,\Phi_{105}\,\Phi_{35}\,\Phi_{27}^{2}\,\Phi_{21}\,\Phi_{15}\,\Phi_{7}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$
89071	1366	840	$\frac{1}{105}$	$\frac{157}{840}$	$\frac{53}{210}$	$\frac{52}{105}$	$\Phi_{840}^{2}\,\Phi_{420}^{2}\,\Phi_{280}^{2}\,\Phi_{168}^{2}\,\Phi_{140}^{2}\,\Phi_{120}^{2}\,\Phi_{105}\,\Phi_{84}^{2}\,\Phi_{60}^{2}\,\Phi_{56}^{2}\,\Phi_{40}^{2}\,\Phi_{35}\,\Phi_{28}^{2}\,\Phi_{24}^{2}\,\Phi_{21}\,\Phi_{20}^{2}\,\Phi_{15}\,\Phi_{12}^{2}\,\Phi_{8}^{2}\,\Phi_{7}\,\Phi_{5}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
89072	1366	1352	$\frac{7}{676}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{669}{1352}$	$\Phi_{1352}^{2}\,\Phi_{104}^{2}\,\Phi_{13}\,\Phi_{8}^{2}\,\Phi_{1}^{2}$
89073	1366	1274	$\frac{1}{91}$	$\frac{46}{637}$	$\frac{591}{1274}$	$\frac{45}{91}$	$\Phi_{1274}^{2}\,\Phi_{182}^{2}\,\Phi_{98}^{2}\,\Phi_{91}\,\Phi_{26}^{2}\,\Phi_{14}^{2}\,\Phi_{13}\,\Phi_{7}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
89074	1366	1350	$\frac{8}{675}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{667}{1350}$	$\Phi_{1350}^{2}\,\Phi_{450}^{2}\,\Phi_{270}^{2}\,\Phi_{150}^{2}\,\Phi_{90}^{2}\,\Phi_{54}^{2}\,\Phi_{50}^{2}\,\Phi_{30}^{2}\,\Phi_{18}^{2}\,\Phi_{15}\,\Phi_{10}^{2}\,\Phi_{6}^{2}\,\Phi_{5}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
89075	1366	1350	$\frac{8}{675}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{667}{1350}$	$\Phi_{1350}^{2}\,\Phi_{450}^{2}\,\Phi_{270}^{2}\,\Phi_{150}^{2}\,\Phi_{90}^{2}\,\Phi_{54}^{2}\,\Phi_{50}^{2}\,\Phi_{30}^{2}\,\Phi_{18}^{2}\,\Phi_{10}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
89076	1366	2280	$\frac{1}{76}$	$\frac{77}{760}$	$\frac{1}{3}$	$\frac{75}{152}$	$\Phi_{2280}\,\Phi_{1140}\,\Phi_{570}\,\Phi_{285}\,\Phi_{228}\,\Phi_{120}\,\Phi_{114}\,\Phi_{60}\,\Phi_{57}\,\Phi_{30}\,\Phi_{15}\,\Phi_{12}\,\Phi_{6}$
89077	1366	1300	$\frac{1}{65}$	$\frac{33}{650}$	$\frac{617}{1300}$	$\frac{32}{65}$	$\Phi_{1300}^{2}\,\Phi_{260}^{2}\,\Phi_{100}^{2}\,\Phi_{65}\,\Phi_{52}^{2}\,\Phi_{20}^{2}\,\Phi_{13}\,\Phi_{5}\,\Phi_{4}^{2}\,\Phi_{1}^{2}$
89078	1366	975	$\frac{1}{65}$	$\frac{33}{325}$	$\frac{292}{975}$	$\frac{32}{65}$	$\Phi_{975}^{2}\,\Phi_{195}^{2}\,\Phi_{75}^{2}\,\Phi_{65}\,\Phi_{39}^{2}\,\Phi_{15}^{2}\,\Phi_{13}\,\Phi_{5}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
89079	1366	780	$\frac{1}{65}$	$\frac{97}{780}$	$\frac{33}{130}$	$\frac{32}{65}$	$\Phi_{780}^{2}\,\Phi_{390}^{2}\,\Phi_{260}^{2}\,\Phi_{195}^{2}\,\Phi_{156}^{2}\,\Phi_{78}^{2}\,\Phi_{65}\,\Phi_{60}^{2}\,\Phi_{52}^{2}\,\Phi_{39}^{2}\,\Phi_{30}^{2}\,\Phi_{20}^{2}\,\Phi_{15}^{2}\,\Phi_{13}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{5}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
89080	1366	1344	$\frac{11}{672}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{661}{1344}$	$\Phi_{1344}^{2}\,\Phi_{448}^{2}\,\Phi_{192}^{2}\,\Phi_{64}^{2}\,\Phi_{21}\,\Phi_{7}\,\Phi_{3}\,\Phi_{1}^{2}$
89081	1366	1344	$\frac{11}{672}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{661}{1344}$	$\Phi_{1344}^{2}\,\Phi_{448}^{2}\,\Phi_{192}^{2}\,\Phi_{64}^{2}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
89082	1366	1344	$\frac{11}{672}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{661}{1344}$	$\Phi_{1344}^{2}\,\Phi_{448}^{2}\,\Phi_{192}^{2}\,\Phi_{64}^{2}\,\Phi_{14}^{2}\,\Phi_{7}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
89083	1366	1332	$\frac{17}{666}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{649}{1332}$	$\Phi_{1332}^2\ \Phi_{444}^2\ \Phi_{148}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89084	1366	1326	$\frac{1}{39}$	$\frac{20}{663}$	$\frac{643}{1326}$	$\frac{19}{39}$	$\Phi_{1326}^2\ \Phi_{442}^2\ \Phi_{102}^2\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{34}^2\ \Phi_{26}^2\ \Phi_{13}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89085	1366	1330	$\frac{18}{665}$	$\frac{1}{35}$	$\frac{17}{35}$	$\frac{647}{1330}$	$\Phi_{1330}^2\ \Phi_{266}^2\ \Phi_{190}^2\ \Phi_{70}^2\ \Phi_{38}^2\ \Phi_{35}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
89086	1366	3990	$\frac{18}{665}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{647}{1330}$	$\Phi_{3990}\ \Phi_{798}\ \Phi_{570}\ \Phi_{210}\ \Phi_{114}\ \Phi_{57}\ \Phi_{42}\ \Phi_{30}\ \Phi_6$
89087	1366	720	$\frac{1}{36}$	$\frac{37}{720}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89088	1366	784	$\frac{3}{98}$	$\frac{101}{784}$	$\frac{1}{7}$	$\frac{95}{196}$	$\Phi_{784}^2\ \Phi_{392}^2\ \Phi_{112}^2\ \Phi_{98}^2\ \Phi_{56}^2\ \Phi_{49}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
89089	1366	1323	$\frac{43}{1323}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{640}{1323}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{189}\ \Phi_{147}\ \Phi_{63}^2\ \Phi_{49}\ \Phi_{27}\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
89090	1366	1323	$\frac{43}{1323}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{640}{1323}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{189}\ \Phi_{147}\ \Phi_{63}\ \Phi_{49}^2\ \Phi_{27}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
89091	1366	1320	$\frac{23}{660}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{637}{1320}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{120}^2\ \Phi_{88}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89092	1366	1311	$\frac{2}{57}$	$\frac{55}{1311}$	$\frac{1}{3}$	$\frac{628}{1311}$	$\Phi_{1311}\ \Phi_{437}\ \Phi_{69}\ \Phi_{57}^2\ \Phi_{23}\ \Phi_{19}^2\ \Phi_3\ \Phi_1^2$
89093	1366	924	$\frac{10}{231}$	$\frac{1}{21}$	$\frac{241}{924}$	$\frac{221}{462}$	$\Phi_{924}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
89094	1366	1008	$\frac{11}{336}$	$\frac{1}{21}$	$\frac{325}{1008}$	$\frac{10}{21}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{252}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
89095	1366	714	$\frac{31}{714}$	$\frac{1}{21}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{21}\ \Phi_{17}^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
89096	1366	840	$\frac{1}{21}$	$\frac{11}{168}$	$\frac{157}{840}$	$\frac{10}{21}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
89097	1366	756	$\frac{1}{21}$	$\frac{73}{756}$	$\frac{11}{84}$	$\frac{10}{21}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
89098	1366	1296	$\frac{1}{36}$	$\frac{35}{648}$	$\frac{1}{3}$	$\frac{613}{1296}$	$\Phi_{1296}^2\ \Phi_{432}^2\ \Phi_{144}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89099	1366	3876	$\frac{1}{38}$	$\frac{37}{646}$	$\frac{1}{3}$	$\frac{609}{1292}$	$\Phi_{3876}\ \Phi_{228}\ \Phi_{204}\ \Phi_{114}\ \Phi_{57}\ \Phi_{12}\ \Phi_6$
89100	1366	1287	$\frac{1}{39}$	$\frac{79}{1287}$	$\frac{38}{117}$	$\frac{604}{1287}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}^2\ \Phi_{99}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}\ \Phi_{11}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
89101	1366	900	$\frac{8}{225}$	$\frac{1}{15}$	$\frac{217}{900}$	$\frac{7}{15}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89102	1366	720	$\frac{37}{720}$	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89103	1366	810	$\frac{8}{135}$	$\frac{1}{15}$	$\frac{127}{810}$	$\frac{7}{15}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{90}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89104	1366	750	$\frac{1}{15}$	$\frac{67}{750}$	$\frac{8}{75}$	$\frac{7}{15}$	$\Phi_{750}^2\ \Phi_{375}^2\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{125}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89105	1366	1274	$\frac{3}{49}$	$\frac{46}{637}$	$\frac{1}{7}$	$\frac{591}{1274}$	$\Phi_{1274}^2\ \Phi_{182}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
89106	1366	1014	$\frac{7}{338}$	$\frac{1}{13}$	$\frac{331}{1014}$	$\frac{6}{13}$	$\Phi_{1014}^2\ \Phi_{507}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{13}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
89107	1366	702	$\frac{19}{702}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{54}^2\ \Phi_{39}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
89108	1366	845	$\frac{7}{169}$	$\frac{1}{13}$	$\frac{162}{845}$	$\frac{6}{13}$	$\Phi_{845}^2\ \Phi_{65}^2\ \Phi_{13}\ \Phi_5^2\ \Phi_1^2$
89109	1366	728	$\frac{45}{728}$	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{6}{13}$	$\Phi_{728}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{104}^2\ \Phi_{91}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_7^2\ \Phi_1^2$
89110	1366	936	$\frac{1}{39}$	$\frac{19}{234}$	$\frac{253}{936}$	$\frac{215}{468}$	$\Phi_{936}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89111	1366	696	$\frac{13}{696}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{696}^2\ \Phi_{348}^2\ \Phi_{232}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89112	1366	1260	$\frac{1}{35}$	$\frac{53}{630}$	$\frac{17}{70}$	$\frac{577}{1260}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
89113	1366	1260	$\frac{1}{21}$	$\frac{53}{630}$	$\frac{10}{63}$	$\frac{577}{1260}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
89114	1366	1254	$\frac{1}{57}$	$\frac{56}{627}$	$\frac{1}{3}$	$\frac{571}{1254}$	$\Phi_{1254}^2\ \Phi_{418}^2\ \Phi_{114}^2\ \Phi_{66}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{22}^2\ \Phi_{19}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89115	1366	1248	$\frac{1}{39}$	$\frac{59}{624}$	$\frac{19}{78}$	$\frac{565}{1248}$	$\Phi_{1248}^2\ \Phi_{416}^2\ \Phi_{96}^2\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{32}^2\ \Phi_{26}^2\ \Phi_{13}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89116	1366	1225	$\frac{1}{35}$	$\frac{141}{1225}$	$\frac{34}{175}$	$\frac{542}{1225}$	$\Phi_{1225}\ \Phi_{245}\ \Phi_{175}^2\ \Phi_{49}\ \Phi_{35}\ \Phi_{25}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
89117	1366	840	$\frac{1}{35}$	$\frac{17}{140}$	$\frac{157}{840}$	$\frac{123}{280}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
89118	1366	3648	$\frac{1}{76}$	$\frac{75}{608}$	$\frac{1}{3}$	$\frac{533}{1216}$	$\Phi_{3648}\ \Phi_{228}\ \Phi_{192}\ \Phi_{114}\ \Phi_{57}\ \Phi_{12}\ \Phi_6$
89119	1366	1197	$\frac{2}{171}$	$\frac{169}{1197}$	$\frac{1}{3}$	$\frac{514}{1197}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{171}^2\ \Phi_{133}\ \Phi_{63}\ \Phi_{57}^2\ \Phi_{21}\ \Phi_{19}^2\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
89120	1366	756	$\frac{1}{21}$	$\frac{73}{756}$	$\frac{10}{63}$	$\frac{53}{126}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
89121	1366	1176	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{95}{588}$	$\frac{493}{1176}$	$\Phi_{1176}^2\ \Phi_{392}^2\ \Phi_{168}^2\ \Phi_{98}^2\ \Phi_{56}^2\ \Phi_{49}^2\ \Phi_{24}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
89122	1366	1170	$\frac{1}{39}$	$\frac{19}{117}$	$\frac{98}{585}$	$\frac{487}{1170}$	$\Phi_{1170}^2\ \Phi_{390}^2\ \Phi_{234}^2\ \Phi_{130}^2\ \Phi_{117}^2\ \Phi_{90}^2\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89123	1366	1155	$\frac{1}{21}$	$\frac{20}{231}$	$\frac{211}{1155}$	$\frac{472}{1155}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}^2\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}^2\ \Phi_{55}\ \Phi_{35}\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{11}^2\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
89124	1366	1140	$\frac{1}{114}$	$\frac{113}{570}$	$\frac{1}{3}$	$\frac{457}{1140}$	$\Phi_{1140}^2\ \Phi_{380}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{60}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{20}^2\ \Phi_{19}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89125	1366	1020	$\frac{3}{340}$	$\frac{1}{5}$	$\frac{337}{1020}$	$\frac{2}{5}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{255}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{60}^2\ \Phi_{51}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
89126	1366	690	$\frac{7}{690}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{115}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{30}^2\ \Phi_{23}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
89127	1366	850	$\frac{3}{170}$	$\frac{167}{850}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{850}^2\ \Phi_{425}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
89128	1366	700	$\frac{17}{700}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{25}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
89129	1366	765	$\frac{3}{85}$	$\frac{82}{765}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^2\ \Phi_{51}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
89130	1366	720	$\frac{37}{720}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
89131	1366	700	$\frac{17}{700}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
89132	1366	1120	$\frac{1}{35}$	$\frac{17}{140}$	$\frac{123}{560}$	$\frac{437}{1120}$	$\Phi_{1120}^2\ \Phi_{224}^2\ \Phi_{160}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
89133	1366	720	$\frac{37}{720}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89134	1366	780	$\frac{1}{39}$	$\frac{97}{780}$	$\frac{19}{78}$	$\frac{59}{156}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89135	1366	2064	$\frac{5}{688}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{516}\ \Phi_{258}\ \Phi_{129}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
89136	1366	1092	$\frac{1}{91}$	$\frac{45}{182}$	$\frac{137}{546}$	$\frac{409}{1092}$	$\Phi_{1092}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{156}^2\ \Phi_{91}\ \Phi_{84}^2\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
89137	1366	1053	$\frac{1}{39}$	$\frac{38}{351}$	$\frac{313}{1053}$	$\frac{370}{1053}$	$\Phi_{1053}\ \Phi_{351}^2\ \Phi_{117}^2\ \Phi_{81}\ \Phi_{39}\ \Phi_{27}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
89138	1366	1050	$\frac{1}{35}$	$\frac{17}{175}$	$\frac{158}{525}$	$\frac{367}{1050}$	$\Phi_{1050}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
89139	1366	1035	$\frac{14}{345}$	$\frac{1}{15}$	$\frac{331}{1035}$	$\frac{352}{1035}$	$\Phi_{1035}\ \Phi_{345}^2\ \Phi_{207}\ \Phi_{115}^2\ \Phi_{69}^2\ \Phi_{45}\ \Phi_{23}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
89140	1366	1029	$\frac{6}{343}$	$\frac{1}{7}$	$\frac{337}{1029}$	$\frac{346}{1029}$	$\Phi_{1029}\ \Phi_{343}^2\ \Phi_{147}\ \Phi_{49}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
89141	1366	1026	$\frac{1}{171}$	$\frac{170}{513}$	$\frac{1}{3}$	$\frac{343}{1026}$	$\Phi_{1026}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{54}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
89142	1366	1020	$\frac{3}{340}$	$\frac{1}{4}$	$\frac{337}{1020}$	$\frac{1}{3}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}^2\ \Phi_{102}\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{60}\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{17}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89143	1366	756	$\frac{1}{36}$	$\frac{73}{756}$	$\frac{35}{108}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89144	1366	1008	$\frac{11}{336}$	$\frac{1}{12}$	$\frac{325}{1008}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{252}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89145	1366	972	$\frac{1}{36}$	$\frac{35}{324}$	$\frac{289}{972}$	$\frac{1}{3}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{243}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89146	1366	702	$\frac{19}{702}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{54}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89147	1366	912	$\frac{1}{76}$	$\frac{75}{304}$	$\frac{229}{912}$	$\frac{1}{3}$	$\Phi_{912}\ \Phi_{456}\ \Phi_{304}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{48}\ \Phi_{38}^2\ \Phi_{24}\ \Phi_{19}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89148	1366	816	$\frac{3}{136}$	$\frac{133}{816}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{816}^2\ \Phi_{408}\ \Phi_{272}^2\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{48}^2\ \Phi_{34}^2\ \Phi_{24}\ \Phi_{17}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89149	1366	2100	$\frac{17}{700}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{105}\ \Phi_{84}\ \Phi_{75}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
89150	1366	2244	$\frac{3}{68}$	$\frac{65}{748}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{561}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
89151	1366	720	$\frac{37}{720}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89152	1366	900	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{217}{900}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89153	1366	720	$\frac{37}{720}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89154	1366	864	$\frac{1}{36}$	$\frac{35}{216}$	$\frac{181}{864}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89155	1366	2280	$\frac{1}{19}$	$\frac{77}{760}$	$\frac{18}{95}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{228}\ \Phi_{120}\ \Phi_{114}\ \Phi_{60}\ \Phi_{57}\ \Phi_{30}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
89156	1366	840	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{157}{840}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89157	1366	720	$\frac{37}{720}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89158	1366	810	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{127}{810}$	$\frac{1}{3}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{90}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89159	1366	798	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{115}{798}$	$\frac{1}{3}$	$\Phi_{798}^2\ \Phi_{399}\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{42}^2\ \Phi_{38}^2\ \Phi_{21}\ \Phi_{19}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89160	1366	756	$\frac{1}{12}$	$\frac{73}{756}$	$\frac{11}{84}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89161	1366	768	$\frac{1}{12}$	$\frac{85}{768}$	$\frac{11}{96}$	$\frac{1}{3}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89162	1366	882	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{199}{882}$	$\frac{95}{294}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{126}^2\ \Phi_{98}^2\ \Phi_{63}^2\ \Phi_{49}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
89163	1366	1008	$\frac{11}{336}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{325}{1008}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{252}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
89164	1366	756	$\frac{1}{21}$	$\frac{73}{756}$	$\frac{43}{189}$	$\frac{20}{63}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89165	1366	882	$\frac{1}{21}$	$\frac{43}{441}$	$\frac{199}{882}$	$\frac{20}{63}$	$\Phi_{882}^2\ \Phi_{441}\ \Phi_{294}^2\ \Phi_{147}\ \Phi_{126}^2\ \Phi_{98}^2\ \Phi_{63}^2\ \Phi_{49}\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89166	1366	990	$\frac{1}{15}$	$\frac{23}{330}$	$\frac{7}{30}$	$\frac{307}{990}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89167	1366	735	$\frac{52}{735}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{147}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}\ \Phi_{105}^2\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
89168	1366	945	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{53}{315}$	$\frac{262}{945}$	$\Phi_{945}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{63}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
89169	1366	936	$\frac{1}{39}$	$\frac{59}{312}$	$\frac{19}{78}$	$\frac{253}{936}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89170	1366	714	$\frac{31}{714}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
89171	1366	840	$\frac{1}{35}$	$\frac{157}{840}$	$\frac{17}{70}$	$\frac{53}{210}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
89172	1366	896	$\frac{11}{224}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{213}{896}$	$\Phi_{896}^2\ \Phi_{448}^2\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
89173	1366	882	$\frac{43}{441}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{199}{882}$	$\Phi_{882}^2\ \Phi_{441}\ \Phi_{294}^2\ \Phi_{147}\ \Phi_{126}^2\ \Phi_{98}^2\ \Phi_{63}\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9\ \Phi_7\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
89174	1366	728	$\frac{45}{728}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{728}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{104}^2\ \Phi_{91}^2\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
89175	1366	840	$\frac{11}{168}$	$\frac{1}{7}$	$\frac{157}{840}$	$\frac{3}{14}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
89176	1366	756	$\frac{73}{756}$	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
89177	1366	784	$\frac{11}{112}$	$\frac{101}{784}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{784}^2\ \Phi_{392}^2\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
89178	1368	1023	$\frac{1}{341}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{170}{341}$	$\Phi_{1023}\ \Phi_{341}^2\ \Phi_{93}\ \Phi_{33}\ \Phi_{31}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
89179	1368	1367	$\frac{5}{1367}$	$\frac{343}{1367}$	$\frac{512}{1367}$	$\frac{681}{1367}$	$\Phi_{1367}\ \Phi_1^2$
89180	1368	2055	$\frac{3}{685}$	$\frac{172}{685}$	$\frac{1}{3}$	$\frac{341}{685}$	$\Phi_{2055}\ \Phi_{411}\ \Phi_{15}$
89181	1368	1135	$\frac{1}{227}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{113}{227}$	$\Phi_{1135}\ \Phi_{227}^2\ \Phi_5^2\ \Phi_1^4$
89182	1368	2724	$\frac{1}{227}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{113}{227}$	$\Phi_{2724}\ \Phi_{1362}\ \Phi_{12}^2\ \Phi_6^2$
89183	1368	1367	$\frac{7}{1367}$	$\frac{229}{1367}$	$\frac{569}{1367}$	$\frac{680}{1367}$	$\Phi_{1367}\ \Phi_1^2$
89184	1368	2380	$\frac{1}{170}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{169}{340}$	$\Phi_{2380}\ \Phi_{476}\ \Phi_{340}^2\ \Phi_{140}\ \Phi_{68}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
89185	1368	1020	$\frac{1}{170}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{169}{340}$	$\Phi_{1020}^4\ \Phi_{204}^4\ \Phi_{60}^4\ \Phi_{15}\ \Phi_{12}^4$
89186	1368	1828	$\frac{3}{457}$	$\frac{1}{4}$	$\frac{115}{457}$	$\frac{227}{457}$	$\Phi_{1828}\ \Phi_{914}$
89187	1368	1367	$\frac{9}{1367}$	$\frac{341}{1367}$	$\frac{344}{1367}$	$\frac{679}{1367}$	$\Phi_{1367}\ \Phi_1^2$
89188	1368	2416	$\frac{1}{151}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{75}{151}$	$\Phi_{2416}\ \Phi_{151}\ \Phi_{16}^2\ \Phi_1^2$
89189	1368	604	$\frac{1}{151}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{75}{151}$	$\Phi_{604}^2\ \Phi_{302}^2\ \Phi_{151}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
89190	1368	411	$\frac{1}{137}$	$\frac{23}{137}$	$\frac{1}{3}$	$\frac{68}{137}$	$\Phi_{411}^5\ \Phi_3^4$
89191	1368	1243	$\frac{1}{113}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{56}{113}$	$\Phi_{1243}\ \Phi_{113}^2\ \Phi_{11}^2\ \Phi_1^4$
89192	1368	2373	$\frac{1}{113}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{56}{113}$	$\Phi_{2373}\ \Phi_{21}^2$
89193	1368	1243	$\frac{1}{113}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{56}{113}$	$\Phi_{1243}\ \Phi_{113}^2\ \Phi_{11}^2\ \Phi_1^4$
89194	1368	2260	$\frac{1}{113}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{56}{113}$	$\Phi_{2260}\ \Phi_{1130}\ \Phi_{20}^2\ \Phi_{10}^2$
89195	1368	1367	$\frac{13}{1367}$	$\frac{115}{1367}$	$\frac{626}{1367}$	$\frac{677}{1367}$	$\Phi_{1367}\ \Phi_1^2$
89196	1368	1367	$\frac{13}{1367}$	$\frac{230}{1367}$	$\frac{379}{1367}$	$\frac{677}{1367}$	$\Phi_{1367}\ \Phi_1^2$
89197	1368	1828	$\frac{5}{457}$	$\frac{77}{457}$	$\frac{1}{4}$	$\frac{226}{457}$	$\Phi_{1828}\ \Phi_{914}$
89198	1368	1367	$\frac{17}{1367}$	$\frac{173}{1367}$	$\frac{398}{1367}$	$\frac{675}{1367}$	$\Phi_{1367}\ \Phi_1^2$
89199	1368	1603	$\frac{3}{229}$	$\frac{1}{7}$	$\frac{58}{229}$	$\frac{113}{229}$	Φ_{1603}
89200	1368	1275	$\frac{1}{75}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{37}{75}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{255}\ \Phi_{85}\ \Phi_{75}^2\ \Phi_{51}\ \Phi_{25}^2\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
89201	1368	150	$\frac{1}{75}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{37}{75}$	$\Phi_{150}^{10}\ \Phi_{75}^8\ \Phi_{50}^{10}\ \Phi_{30}^{11}\ \Phi_{25}^8\ \Phi_{15}^9\ \Phi_{10}^{10}\ \Phi_6^{11}\ \Phi_5^8\ \Phi_3^8\ \Phi_2^{10}\ \Phi_1^8$
89202	1368	1275	$\frac{1}{75}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{37}{75}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{255}\ \Phi_{85}\ \Phi_{75}^2\ \Phi_{51}\ \Phi_{25}^2\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
89203	1368	2100	$\frac{1}{75}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{37}{75}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{140}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
89204	1368	1367	$\frac{19}{1367}$	$\frac{77}{1367}$	$\frac{645}{1367}$	$\frac{674}{1367}$	$\Phi_{1367}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
89205	1368	1367	$\frac{19}{1367}$	$\frac{231}{1367}$	$\frac{284}{1367}$	$\frac{674}{1367}$	$\Phi_{1367}\ \Phi_{1}^{2}$
89206	1368	2556	$\frac{1}{71}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{35}{71}$	$\Phi_{2556}\ \Phi_{852}\ \Phi_{284}\ \Phi_{71}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
89207	1368	1491	$\frac{1}{71}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{35}{71}$	$\Phi_{1491}\ \Phi_{497}\ \Phi_{71}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
89208	1368	1917	$\frac{1}{71}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{35}{71}$	$\Phi_{1917}\ \Phi_{71}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$
89209	1368	1704	$\frac{1}{71}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{35}{71}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{568}\ \Phi_{284}\ \Phi_{71}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
89210	1368	1715	$\frac{5}{343}$	$\frac{58}{343}$	$\frac{1}{5}$	$\frac{169}{343}$	$\Phi_{1715}\ \Phi_{245}\ \Phi_{35}$
89211	1368	1828	$\frac{7}{457}$	$\frac{58}{457}$	$\frac{1}{4}$	$\frac{225}{457}$	$\Phi_{1828}\ \Phi_{914}$
89212	1368	1367	$\frac{21}{1367}$	$\frac{170}{1367}$	$\frac{347}{1367}$	$\frac{673}{1367}$	$\Phi_{1367}\ \Phi_{1}^{2}$
89213	1368	2055	$\frac{11}{685}$	$\frac{58}{685}$	$\frac{1}{3}$	$\frac{337}{685}$	$\Phi_{2055}\ \Phi_{411}\ \Phi_{15}$
89214	1368	2576	$\frac{1}{56}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{55}{112}$	$\Phi_{2576}\ \Phi_{368}\ \Phi_{112}^{2}\ \Phi_{23}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
89215	1368	4368	$\frac{1}{56}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{55}{112}$	$\Phi_{4368}\ \Phi_{624}\ \Phi_{39}$
89216	1368	2576	$\frac{1}{56}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{55}{112}$	$\Phi_{2576}\ \Phi_{368}\ \Phi_{112}^{2}\ \Phi_{23}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
89217	1368	1008	$\frac{1}{56}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{55}{112}$	$\Phi_{1008}^{3}\ \Phi_{336}^{3}\ \Phi_{144}^{3}\ \Phi_{48}^{3}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
89218	1368	2576	$\frac{1}{56}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{55}{112}$	$\Phi_{2576}\ \Phi_{368}\ \Phi_{112}^{2}\ \Phi_{23}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
89219	1368	560	$\frac{1}{56}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{55}{112}$	$\Phi_{560}^{6}\ \Phi_{80}^{6}\ \Phi_{35}$
89220	1368	1367	$\frac{25}{1367}$	$\frac{116}{1367}$	$\frac{417}{1367}$	$\frac{671}{1367}$	$\Phi_{1367}\ \Phi_{1}^{2}$
89221	1368	510	$\frac{1}{51}$	$\frac{1}{10}$	$\frac{13}{51}$	$\frac{25}{51}$	$\Phi_{510}^{3}\ \Phi_{255}^{3}\ \Phi_{170}^{3}\ \Phi_{102}^{3}\ \Phi_{85}^{3}\ \Phi_{34}^{3}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}$
89222	1368	980	$\frac{1}{49}$	$\frac{25}{196}$	$\frac{1}{5}$	$\frac{24}{49}$	$\Phi_{980}^{2}\ \Phi_{490}^{2}\ \Phi_{245}\ \Phi_{140}^{2}\ \Phi_{70}^{2}\ \Phi_{35}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
89223	1368	1603	$\frac{5}{229}$	$\frac{1}{7}$	$\frac{39}{229}$	$\frac{112}{229}$	Φ_{1603}
89224	1368	1367	$\frac{31}{1367}$	$\frac{189}{1367}$	$\frac{233}{1367}$	$\frac{668}{1367}$	$\Phi_{1367}\ \Phi_{1}^{2}$
89225	1368	1828	$\frac{11}{457}$	$\frac{39}{457}$	$\frac{1}{4}$	$\frac{223}{457}$	$\Phi_{1828}\ \Phi_{914}$
89226	1368	1367	$\frac{33}{1367}$	$\frac{113}{1367}$	$\frac{350}{1367}$	$\frac{667}{1367}$	$\Phi_{1367}\ \Phi_{1}^{2}$
89227	1368	2055	$\frac{17}{685}$	$\frac{39}{685}$	$\frac{1}{3}$	$\frac{334}{685}$	$\Phi_{2055}\ \Phi_{411}\ \Phi_{15}$
89228	1368	1295	$\frac{1}{37}$	$\frac{1}{35}$	$\frac{17}{35}$	$\frac{18}{37}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}^{2}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
89229	1368	2109	$\frac{1}{37}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{2109}\ \Phi_{57}^{2}$
89230	1368	1295	$\frac{1}{37}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{18}{37}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}^{2}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
89231	1368	1924	$\frac{1}{37}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{18}{37}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{52}^{2}\ \Phi_{26}^{2}$
89232	1368	1295	$\frac{1}{37}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{18}{37}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}\ \Phi_{37}^{2}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
89233	1368	370	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{18}{37}$	$\Phi_{370}^{4}\ \Phi_{185}^{3}\ \Phi_{74}^{4}\ \Phi_{37}^{4}\ \Phi_{10}^{8}\ \Phi_{5}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
89234	1368	259	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{18}{37}$	$\Phi_{259}^{5}\ \Phi_{37}^{6}\ \Phi_{7}^{10}\ \Phi_{1}^{12}$
89235	1368	1367	$\frac{37}{1367}$	$\frac{39}{1367}$	$\frac{664}{1367}$	$\frac{665}{1367}$	$\Phi_{1367}\ \Phi_{1}^{2}$
89236	1368	420	$\frac{1}{35}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{105}^{4}\ \Phi_{84}^{5}\ \Phi_{60}^{6}\ \Phi_{42}^{5}\ \Phi_{30}^{6}\ \Phi_{21}^{4}\ \Phi_{15}^{5}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{4}$
89237	1368	1367	$\frac{49}{1367}$	$\frac{59}{1367}$	$\frac{436}{1367}$	$\frac{659}{1367}$	$\Phi_{1367}\ \Phi_{1}^{2}$
89238	1368	1430	$\frac{2}{55}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{53}{110}$	$\Phi_{1430}^{2}\ \Phi_{286}^{2}\ \Phi_{130}^{2}\ \Phi_{65}\ \Phi_{26}^{2}$
89239	1368	1463	$\frac{3}{77}$	$\frac{1}{19}$	$\frac{20}{77}$	$\frac{37}{77}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{133}$
89240	1368	1367	$\frac{55}{1367}$	$\frac{79}{1367}$	$\frac{322}{1367}$	$\frac{656}{1367}$	$\Phi_{1367}\ \Phi_{1}^{2}$
89241	1368	1460	$\frac{3}{73}$	$\frac{1}{20}$	$\frac{19}{73}$	$\frac{35}{73}$	$\Phi_{1460}\ \Phi_{730}\ \Phi_{365}\ \Phi_{292}\ \Phi_{146}$
89242	1368	644	$\frac{1}{28}$	$\frac{1}{23}$	$\frac{9}{28}$	$\frac{11}{23}$	$\Phi_{644}^{2}\ \Phi_{322}^{2}\ \Phi_{161}^{2}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{28}^{4}\ \Phi_{23}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
89243	1368	460	$\frac{1}{23}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{460}^{3}\ \Phi_{230}^{3}\ \Phi_{115}^{3}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{23}^{3}\ \Phi_{20}^{6}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
89244	1368	1610	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{11}{23}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{230}\ \Phi_{115}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{23}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
89245	1368	299	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{4}{23}$	$\frac{11}{23}$	$\Phi_{299}^5\ \Phi_{13}^4$
89246	1368	483	$\frac{1}{23}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{11}{23}$	$\Phi_{483}^3\ \Phi_{161}^2\ \Phi_{69}^3\ \Phi_{23}^3\ \Phi_{21}^6\ \Phi_7^4\ \Phi_3^6\ \Phi_1^6$
89247	1368	1472	$\frac{1}{23}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{11}{23}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{368}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_1^2$
89248	1368	1367	$\frac{61}{1367}$	$\frac{119}{1367}$	$\frac{208}{1367}$	$\frac{653}{1367}$	$\Phi_{1367}\ \Phi_1^2$
89249	1368	1530	$\frac{7}{153}$	$\frac{1}{10}$	$\frac{20}{153}$	$\frac{73}{153}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}\ \Phi_{255}\ \Phi_{170}\ \Phi_{102}\ \Phi_{90}\ \Phi_{85}\ \Phi_{45}\ \Phi_{34}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
89250	1368	1367	$\frac{65}{1367}$	$\frac{132}{1367}$	$\frac{179}{1367}$	$\frac{651}{1367}$	$\Phi_{1367}\ \Phi_1^2$
89251	1368	1603	$\frac{11}{229}$	$\frac{20}{229}$	$\frac{1}{7}$	$\frac{109}{229}$	Φ_{1603}
89252	1368	1367	$\frac{67}{1367}$	$\frac{94}{1367}$	$\frac{239}{1367}$	$\frac{650}{1367}$	$\Phi_{1367}\ \Phi_1^2$
89253	1368	1715	$\frac{17}{343}$	$\frac{20}{343}$	$\frac{1}{5}$	$\frac{163}{343}$	$\Phi_{1715}\ \Phi_{245}\ \Phi_{35}$
89254	1368	1828	$\frac{20}{457}$	$\frac{23}{457}$	$\frac{1}{4}$	$\frac{217}{457}$	$\Phi_{1828}\ \Phi_{914}$
89255	1368	1367	$\frac{56}{1367}$	$\frac{69}{1367}$	$\frac{359}{1367}$	$\frac{649}{1367}$	$\Phi_{1367}\ \Phi_1^2$
89256	1368	411	$\frac{4}{137}$	$\frac{7}{137}$	$\frac{1}{3}$	$\frac{65}{137}$	$\Phi_{411}^5\ \Phi_3^4$
89257	1368	1367	$\frac{53}{1367}$	$\frac{73}{1367}$	$\frac{360}{1367}$	$\frac{647}{1367}$	$\Phi_{1367}\ \Phi_1^2$
89258	1368	2055	$\frac{19}{685}$	$\frac{37}{685}$	$\frac{1}{3}$	$\frac{324}{685}$	$\Phi_{2055}\ \Phi_{411}\ \Phi_{15}$
89259	1368	1332	$\frac{1}{37}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{1332}^2\ \Phi_{444}^2\ \Phi_{148}^2\ \Phi_{111}$
89260	1368	2556	$\frac{2}{71}$	$\frac{1}{18}$	$\frac{23}{71}$	$\frac{17}{36}$	$\Phi_{2556}\ \Phi_{852}\ \Phi_{284}\ \Phi_{71}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
89261	1368	900	$\frac{1}{25}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{900}\ \Phi_{450}^2\ \Phi_{300}\ \Phi_{225}^2\ \Phi_{180}\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{50}^3\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
89262	1368	2556	$\frac{3}{71}$	$\frac{1}{18}$	$\frac{17}{71}$	$\frac{17}{36}$	$\Phi_{2556}\ \Phi_{852}\ \Phi_{284}\ \Phi_{71}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
89263	1368	3420	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{380}\ \Phi_{95}$
89264	1368	2556	$\frac{1}{18}$	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{17}{36}$	$\Phi_{2556}\ \Phi_{852}\ \Phi_{284}\ \Phi_{71}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
89265	1368	3276	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{17}{36}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{364}\ \Phi_{91}$
89266	1368	2556	$\frac{1}{18}$	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{17}{36}$	$\Phi_{2556}\ \Phi_{852}\ \Phi_{284}\ \Phi_{71}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
89267	1368	180	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{17}{36}$	$\Phi_{180}^{16}\ \Phi_{90}\ \Phi_{60}^{16}\ \Phi_{45}\ \Phi_{36}^8\ \Phi_{30}\ \Phi_{20}^{16}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^8\ \Phi_6\ \Phi_4^8$
89268	1368	1367	$\frac{38}{1367}$	$\frac{77}{1367}$	$\frac{443}{1367}$	$\frac{645}{1367}$	$\Phi_{1367}\ \Phi_1^2$
89269	1368	663	$\frac{1}{39}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{663}^2\ \Phi_{221}^2\ \Phi_{51}\ \Phi_{39}^4\ \Phi_{17}^2\ \Phi_{13}^4\ \Phi_3^2\ \Phi_1^4$
89270	1368	425	$\frac{1}{25}$	$\frac{1}{17}$	$\frac{6}{25}$	$\frac{8}{17}$	$\Phi_{425}^3\ \Phi_{85}^3\ \Phi_{25}^6\ \Phi_{17}^4\ \Phi_5^6\ \Phi_1^8$
89271	1368	340	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{340}^4\ \Phi_{170}^4\ \Phi_{85}^3\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{20}^8\ \Phi_{17}^4\ \Phi_{10}^8\ \Phi_5^6\ \Phi_4^8\ \Phi_2^8\ \Phi_1^8$
89272	1368	765	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{8}{17}$	$\Phi_{765}^2\ \Phi_{255}\ \Phi_{153}^2\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}^4\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
89273	1368	170	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{9}{85}$	$\frac{8}{17}$	$\Phi_{170}^9\ \Phi_{85}^7\ \Phi_{34}^9\ \Phi_{17}^8\ \Phi_{10}^8\ \Phi_5^6\ \Phi_2^8\ \Phi_1^8$
89274	1368	1460	$\frac{1}{20}$	$\frac{5}{73}$	$\frac{13}{73}$	$\frac{34}{73}$	$\Phi_{1460}\ \Phi_{730}\ \Phi_{365}\ \Phi_{292}\ \Phi_{146}$
89275	1368	962	$\frac{1}{37}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{962}^2\ \Phi_{481}\ \Phi_{74}^2$
89276	1368	1367	$\frac{59}{1367}$	$\frac{109}{1367}$	$\frac{246}{1367}$	$\frac{629}{1367}$	$\Phi_{1367}\ \Phi_1^2$
89277	1368	1828	$\frac{13}{457}$	$\frac{37}{457}$	$\frac{1}{4}$	$\frac{210}{457}$	$\Phi_{1828}\ \Phi_{914}$
89278	1368	1443	$\frac{1}{39}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{1443}\ \Phi_{481}\ \Phi_{111}$
89279	1368	1367	$\frac{39}{1367}$	$\frac{115}{1367}$	$\frac{332}{1367}$	$\frac{626}{1367}$	$\Phi_{1367}\ \Phi_1^2$
89280	1368	665	$\frac{1}{19}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{665}^2\ \Phi_{133}^3\ \Phi_{95}^2\ \Phi_{19}^2$
89281	1368	1914	$\frac{1}{58}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1914}\ \Phi_{957}\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{66}\ \Phi_6^2$
89282	1368	1243	$\frac{2}{113}$	$\frac{1}{11}$	$\frac{37}{113}$	$\frac{5}{11}$	$\Phi_{1243}\ \Phi_{113}^2\ \Phi_{11}^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
89283	1368	1716	$\frac{1}{39}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{286}\ \Phi_{156}^2\ \Phi_{132}\ \Phi_{78}^2\ \Phi_{66}\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{12}^2\ \Phi_6^2$
89284	1368	1243	$\frac{5}{113}$	$\frac{1}{11}$	$\frac{18}{113}$	$\frac{5}{11}$	$\Phi_{1243}\ \Phi_{113}^2\ \Phi_{11}^2\ \Phi_1^4$
89285	1368	1540	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{154}\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{14}^2$
89286	1368	418	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{418}^4\ \Phi_{209}^3\ \Phi_{38}^4\ \Phi_{19}^2$
89287	1368	1460	$\frac{1}{20}$	$\frac{7}{73}$	$\frac{10}{73}$	$\frac{33}{73}$	$\Phi_{1460}\ \Phi_{730}\ \Phi_{365}\ \Phi_{292}\ \Phi_{146}$
89288	1368	1367	$\frac{62}{1367}$	$\frac{145}{1367}$	$\frac{189}{1367}$	$\frac{611}{1367}$	$\Phi_{1367}\ \Phi_1^2$
89289	1368	1715	$\frac{10}{343}$	$\frac{37}{343}$	$\frac{1}{5}$	$\frac{153}{343}$	$\Phi_{1715}\ \Phi_{245}\ \Phi_{35}$
89290	1368	1367	$\frac{26}{1367}$	$\frac{149}{1367}$	$\frac{379}{1367}$	$\frac{609}{1367}$	$\Phi_{1367}\ \Phi_1^2$
89291	1368	411	$\frac{2}{137}$	$\frac{15}{137}$	$\frac{1}{3}$	$\frac{61}{137}$	$\Phi_{411}^5\ \Phi_3^4$
89292	1368	810	$\frac{5}{81}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}^2\ \Phi_{90}\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
89293	1368	1367	$\frac{20}{1367}$	$\frac{153}{1367}$	$\frac{449}{1367}$	$\frac{607}{1367}$	$\Phi_{1367}\ \Phi_1^2$
89294	1368	170	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{15}{34}$	$\Phi_{170}^9\ \Phi_{85}^9\ \Phi_{34}\ \Phi_{17}^8\ \Phi_{10}^8\ \Phi_5^8\ \Phi_1^8$
89295	1368	1450	$\frac{1}{58}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1450}\ \Phi_{725}\ \Phi_{290}\ \Phi_{145}\ \Phi_{50}\ \Phi_{10}$
89296	1368	3696	$\frac{1}{77}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{3696}\ \Phi_{528}\ \Phi_{336}\ \Phi_{231}\ \Phi_{33}\ \Phi_{21}$
89297	1368	2416	$\frac{3}{151}$	$\frac{1}{8}$	$\frac{37}{151}$	$\frac{7}{16}$	$\Phi_{2416}\ \Phi_{151}\ \Phi_{16}^2\ \Phi_1^2$
89298	1368	3120	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{240}\ \Phi_{195}\ \Phi_{65}\ \Phi_{15}$
89299	1368	2416	$\frac{7}{151}$	$\frac{18}{151}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2416}\ \Phi_{151}\ \Phi_{16}^2\ \Phi_1^2$
89300	1368	720	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{720}^4\ \Phi_{240}^4\ \Phi_{180}\ \Phi_{144}^3\ \Phi_{90}\ \Phi_{60}\ \Phi_{48}^3\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
89301	1368	1443	$\frac{1}{39}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{1443}\ \Phi_{481}\ \Phi_{111}$
89302	1368	1367	$\frac{41}{1367}$	$\frac{191}{1367}$	$\frac{221}{1367}$	$\frac{588}{1367}$	$\Phi_{1367}\ \Phi_1^2$
89303	1368	595	$\frac{1}{85}$	$\frac{1}{7}$	$\frac{28}{85}$	$\frac{3}{7}$	$\Phi_{595}^2\ \Phi_{119}^2\ \Phi_{85}^4\ \Phi_{35}^2\ \Phi_{17}^4\ \Phi_7^3\ \Phi_5^4\ \Phi_1^6$
89304	1368	812	$\frac{1}{58}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{812}^2\ \Phi_{406}\ \Phi_{203}\ \Phi_{116}^4\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{28}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
89305	1368	175	$\frac{4}{175}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{175}^8\ \Phi_{35}^7\ \Phi_{25}^8\ \Phi_7^8\ \Phi_5^6\ \Phi_1^8$
89306	1368	476	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{11}{68}$	$\frac{3}{7}$	$\Phi_{476}^3\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{68}^6\ \Phi_{34}^4\ \Phi_{28}^3\ \Phi_{17}^4\ \Phi_{14}^2\ \Phi_7^3\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
89307	1368	595	$\frac{4}{85}$	$\frac{9}{85}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{595}^2\ \Phi_{119}^2\ \Phi_{85}^4\ \Phi_{35}^2\ \Phi_{17}^4\ \Phi_7^3\ \Phi_5^4\ \Phi_1^6$
89308	1368	140	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{140}^9\ \Phi_{70}^8\ \Phi_{35}^8\ \Phi_{28}^9\ \Phi_{20}^{18}\ \Phi_{14}^8\ \Phi_{10}^{16}\ \Phi_7^9\ \Phi_5^{16}\ \Phi_4^{18}\ \Phi_2^{16}\ \Phi_1^{18}$
89309	1368	399	$\frac{1}{19}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{399}^4\ \Phi_{133}^3\ \Phi_{57}^4\ \Phi_{19}^2$
89310	1368	1309	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1309}\ \Phi_{187}^2\ \Phi_{77}\ \Phi_{11}^2\ \Phi_7\ \Phi_1^2$
89311	1368	1460	$\frac{1}{20}$	$\frac{7}{73}$	$\frac{11}{73}$	$\frac{31}{73}$	$\Phi_{1460}\ \Phi_{730}\ \Phi_{365}\ \Phi_{292}\ \Phi_{146}$
89312	1368	627	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{627}^2\ \Phi_{209}^3\ \Phi_{57}^2\ \Phi_{19}^2$
89313	1368	1367	$\frac{65}{1367}$	$\frac{132}{1367}$	$\frac{217}{1367}$	$\frac{575}{1367}$	$\Phi_{1367}\ \Phi_1^2$
89314	1368	1603	$\frac{7}{229}$	$\frac{1}{7}$	$\frac{37}{229}$	$\frac{96}{229}$	Φ_{1603}
89315	1368	1367	$\frac{29}{1367}$	$\frac{223}{1367}$	$\frac{265}{1367}$	$\frac{572}{1367}$	$\Phi_{1367}\ \Phi_1^2$
89316	1368	490	$\frac{1}{49}$	$\frac{8}{49}$	$\frac{1}{5}$	$\frac{41}{98}$	$\Phi_{490}^6\ \Phi_{245}\ \Phi_{70}^6\ \Phi_{35}\ \Phi_{10}^6$
89317	1368	1828	$\frac{7}{457}$	$\frac{75}{457}$	$\frac{1}{4}$	$\frac{191}{457}$	$\Phi_{1828}\ \Phi_{914}$
89318	1368	1367	$\frac{17}{1367}$	$\frac{225}{1367}$	$\frac{398}{1367}$	$\frac{571}{1367}$	$\Phi_{1367}\ \Phi_1^2$
89319	1368	2055	$\frac{7}{685}$	$\frac{113}{685}$	$\frac{1}{3}$	$\frac{286}{685}$	$\Phi_{2055}\ \Phi_{411}\ \Phi_{15}$
89320	1368	1367	$\frac{14}{1367}$	$\frac{229}{1367}$	$\frac{451}{1367}$	$\frac{569}{1367}$	$\Phi_{1367}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
89321	1368	2336	$\frac{1}{73}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{2336}\ \Phi_{292}\ \Phi_{146}$
89322	1368	345	$\frac{1}{115}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{345}^6\ \Phi_{69}^6\ \Phi_{15}^5\ \Phi_{3}^4$
89323	1368	1135	$\frac{2}{227}$	$\frac{1}{5}$	$\frac{75}{227}$	$\frac{2}{5}$	$\Phi_{1135}\ \Phi_{227}^2\ \Phi_{5}^2\ \Phi_{1}^4$
89324	1368	1540	$\frac{1}{77}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{308}^2\ \Phi_{220}\ \Phi_{154}^2\ \Phi_{140}\ \Phi_{110}\ \Phi_{70}\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2$
89325	1368	1135	$\frac{3}{227}$	$\frac{1}{5}$	$\frac{56}{227}$	$\frac{2}{5}$	$\Phi_{1135}\ \Phi_{227}^2\ \Phi_{5}^2\ \Phi_{1}^4$
89326	1368	290	$\frac{1}{58}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{290}^5\ \Phi_{145}^5\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_{10}^5\ \Phi_{2}^4$
89327	1368	1135	$\frac{5}{227}$	$\frac{37}{227}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1135}\ \Phi_{227}^2\ \Phi_{5}^2\ \Phi_{1}^4$
89328	1368	1365	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}^2\ \Phi_{105}\ \Phi_{91}^2\ \Phi_{21}^2$
89329	1368	1135	$\frac{11}{227}$	$\frac{18}{227}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1135}\ \Phi_{227}^2\ \Phi_{5}^2\ \Phi_{1}^4$
89330	1368	260	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{260}^6\ \Phi_{130}^6\ \Phi_{65}^5\ \Phi_{52}^6\ \Phi_{26}^6\ \Phi_{13}^4$
89331	1368	1367	$\frac{11}{1367}$	$\frac{305}{1367}$	$\frac{452}{1367}$	$\frac{531}{1367}$	$\Phi_{1367}\ \Phi_{1}^2$
89332	1368	1367	$\frac{44}{1367}$	$\frac{147}{1367}$	$\frac{305}{1367}$	$\frac{531}{1367}$	$\Phi_{1367}\ \Phi_{1}^2$
89333	1368	1495	$\frac{1}{115}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1495}\ \Phi_{299}\ \Phi_{65}$
89334	1368	1460	$\frac{1}{20}$	$\frac{5}{73}$	$\frac{17}{73}$	$\frac{28}{73}$	$\Phi_{1460}\ \Phi_{730}\ \Phi_{365}\ \Phi_{292}\ \Phi_{146}$
89335	1368	1367	$\frac{67}{1367}$	$\frac{94}{1367}$	$\frac{325}{1367}$	$\frac{521}{1367}$	$\Phi_{1367}\ \Phi_{1}^2$
89336	1368	1196	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{11}{46}$	$\frac{35}{92}$	$\Phi_{1196}^2\ \Phi_{299}\ \Phi_{52}^2$
89337	1368	1530	$\frac{5}{153}$	$\frac{1}{10}$	$\frac{37}{153}$	$\frac{58}{153}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}\ \Phi_{255}\ \Phi_{170}\ \Phi_{102}\ \Phi_{90}\ \Phi_{85}\ \Phi_{45}\ \Phi_{34}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
89338	1368	1367	$\frac{19}{1367}$	$\frac{284}{1367}$	$\frac{337}{1367}$	$\frac{515}{1367}$	$\Phi_{1367}\ \Phi_{1}^2$
89339	1368	1828	$\frac{5}{457}$	$\frac{113}{457}$	$\frac{1}{4}$	$\frac{172}{457}$	$\Phi_{1828}\ \Phi_{914}$
89340	1368	822	$\frac{1}{137}$	$\frac{34}{137}$	$\frac{1}{3}$	$\frac{103}{274}$	$\Phi_{822}^4\ \Phi_{411}\ \Phi_{6}^4$
89341	1368	1752	$\frac{1}{73}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1752}\ \Phi_{876}\ \Phi_{438}\ \Phi_{292}\ \Phi_{219}\ \Phi_{146}$
89342	1368	1584	$\frac{5}{176}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{48}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
89343	1368	1367	$\frac{15}{1367}$	$\frac{338}{1367}$	$\frac{343}{1367}$	$\frac{512}{1367}$	$\Phi_{1367}\ \Phi_{1}^2$
89344	1368	1463	$\frac{1}{77}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{133}$
89345	1368	2190	$\frac{1}{73}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{2190}\ \Phi_{730}\ \Phi_{438}\ \Phi_{365}\ \Phi_{146}$
89346	1368	1367	$\frac{23}{1367}$	$\frac{224}{1367}$	$\frac{381}{1367}$	$\frac{493}{1367}$	$\Phi_{1367}\ \Phi_{1}^2$
89347	1368	1450	$\frac{1}{58}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1450}\ \Phi_{725}\ \Phi_{290}\ \Phi_{145}\ \Phi_{50}\ \Phi_{10}$
89348	1368	1443	$\frac{1}{39}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{1443}\ \Phi_{481}\ \Phi_{111}$
89349	1368	1367	$\frac{47}{1367}$	$\frac{110}{1367}$	$\frac{419}{1367}$	$\frac{474}{1367}$	$\Phi_{1367}\ \Phi_{1}^2$
89350	1368	1460	$\frac{1}{20}$	$\frac{4}{73}$	$\frac{23}{73}$	$\frac{25}{73}$	$\Phi_{1460}\ \Phi_{730}\ \Phi_{365}\ \Phi_{292}\ \Phi_{146}$
89351	1368	1367	$\frac{68}{1367}$	$\frac{75}{1367}$	$\frac{433}{1367}$	$\frac{467}{1367}$	$\Phi_{1367}\ \Phi_{1}^2$
89352	1368	1495	$\frac{4}{115}$	$\frac{1}{13}$	$\frac{37}{115}$	$\frac{39}{115}$	$\Phi_{1495}\ \Phi_{299}\ \Phi_{65}$
89353	1368	1367	$\frac{32}{1367}$	$\frac{151}{1367}$	$\frac{445}{1367}$	$\frac{461}{1367}$	$\Phi_{1367}\ \Phi_{1}^2$
89354	1368	774	$\frac{1}{43}$	$\frac{1}{9}$	$\frac{14}{43}$	$\frac{29}{86}$	$\Phi_{774}^3\ \Phi_{387}\ \Phi_{258}^3\ \Phi_{129}\ \Phi_{18}^3\ \Phi_{6}^3$
89355	1368	1603	$\frac{4}{229}$	$\frac{1}{7}$	$\frac{75}{229}$	$\frac{77}{229}$	Φ_{1603}
89356	1368	1367	$\frac{20}{1367}$	$\frac{227}{1367}$	$\frac{449}{1367}$	$\frac{459}{1367}$	$\Phi_{1367}\ \Phi_{1}^2$
89357	1368	1715	$\frac{4}{343}$	$\frac{1}{5}$	$\frac{113}{343}$	$\frac{115}{343}$	$\Phi_{1715}\ \Phi_{245}\ \Phi_{35}$
89358	1368	1367	$\frac{14}{1367}$	$\frac{303}{1367}$	$\frac{451}{1367}$	$\frac{458}{1367}$	$\Phi_{1367}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
89359	1368	1828	$\frac{4}{457}$	$\frac{1}{4}$	$\frac{151}{457}$	$\frac{153}{457}$	$\Phi_{1828}\ \Phi_{914}$
89360	1368	1367	$\frac{8}{1367}$	$\frac{453}{1367}$	$\frac{455}{1367}$	$\frac{457}{1367}$	$\Phi_{1367}\ \Phi_{1}^{2}$
89361	1368	2055	$\frac{4}{685}$	$\frac{227}{685}$	$\frac{1}{3}$	$\frac{229}{685}$	$\Phi_{2055}\ \Phi_{411}\ \Phi_{15}$
89362	1368	516	$\frac{1}{172}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{516}^{3}\ \Phi_{258}^{3}\ \Phi_{172}^{2}\ \Phi_{129}^{3}\ \Phi_{86}^{2}\ \Phi_{43}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
89363	1368	1023	$\frac{2}{341}$	$\frac{113}{341}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1023}\ \Phi_{341}^{2}\ \Phi_{93}\ \Phi_{33}\ \Phi_{31}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
89364	1368	1380	$\frac{1}{115}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}^{2}\ \Phi_{276}\ \Phi_{230}^{2}\ \Phi_{138}\ \Phi_{92}^{2}\ \Phi_{60}\ \Phi_{46}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
89365	1368	1023	$\frac{5}{341}$	$\frac{56}{341}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1023}\ \Phi_{341}^{2}\ \Phi_{93}\ \Phi_{33}\ \Phi_{31}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
89366	1368	1218	$\frac{1}{58}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{406}^{2}\ \Phi_{203}^{2}\ \Phi_{42}\ \Phi_{14}^{2}$
89367	1368	1023	$\frac{8}{341}$	$\frac{37}{341}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1023}\ \Phi_{341}^{2}\ \Phi_{93}\ \Phi_{33}\ \Phi_{31}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
89368	1368	390	$\frac{1}{39}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{390}^{4}\ \Phi_{195}^{4}\ \Phi_{130}^{4}\ \Phi_{78}^{4}\ \Phi_{65}^{4}\ \Phi_{30}^{3}\ \Phi_{26}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}$
89369	1368	777	$\frac{1}{37}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{777}^{2}\ \Phi_{259}^{2}\ \Phi_{111}$
89370	1368	528	$\frac{5}{176}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{528}^{2}\ \Phi_{264}^{2}\ \Phi_{176}^{4}\ \Phi_{132}^{2}\ \Phi_{88}^{4}\ \Phi_{66}^{2}\ \Phi_{48}^{2}\ \Phi_{44}^{4}\ \Phi_{33}\ \Phi_{24}^{2}\ \Phi_{22}^{4}\ \Phi_{16}^{4}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
89371	1368	186	$\frac{1}{31}$	$\frac{5}{62}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{186}^{6}\ \Phi_{93}^{5}\ \Phi_{62}^{12}\ \Phi_{31}^{10}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
89372	1368	1023	$\frac{17}{341}$	$\frac{18}{341}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1023}\ \Phi_{341}^{2}\ \Phi_{93}\ \Phi_{33}\ \Phi_{31}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
89373	1368	1140	$\frac{1}{20}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}^{2}\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}^{2}\ \Phi_{114}\ \Phi_{95}^{2}\ \Phi_{76}^{2}\ \Phi_{38}^{2}$
89374	1368	2724	$\frac{2}{227}$	$\frac{1}{4}$	$\frac{75}{227}$	$\frac{1}{3}$	$\Phi_{2724}\ \Phi_{1362}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
89375	1368	2055	$\frac{7}{685}$	$\frac{153}{685}$	$\frac{226}{685}$	$\frac{1}{3}$	$\Phi_{2055}\ \Phi_{411}\ \Phi_{15}$
89376	1368	255	$\frac{1}{85}$	$\frac{1}{5}$	$\frac{28}{85}$	$\frac{1}{3}$	$\Phi_{255}^{8}\ \Phi_{51}^{8}\ \Phi_{15}^{9}\ \Phi_{3}^{8}$
89377	1368	411	$\frac{2}{137}$	$\frac{23}{137}$	$\frac{45}{137}$	$\frac{1}{3}$	$\Phi_{411}^{5}\ \Phi_{3}^{4}$
89378	1368	2373	$\frac{2}{113}$	$\frac{1}{7}$	$\frac{37}{113}$	$\frac{1}{3}$	$\Phi_{2373}\ \Phi_{21}^{2}$
89379	1368	2055	$\frac{16}{685}$	$\frac{77}{685}$	$\frac{223}{685}$	$\frac{1}{3}$	$\Phi_{2055}\ \Phi_{411}\ \Phi_{15}$
89380	1368	450	$\frac{2}{75}$	$\frac{1}{10}$	$\frac{73}{225}$	$\frac{1}{3}$	$\Phi_{450}^{5}\ \Phi_{225}^{4}\ \Phi_{90}^{5}\ \Phi_{45}^{4}\ \Phi_{30}\ \Phi_{18}^{5}\ \Phi_{15}\ \Phi_{9}^{4}\ \Phi_{6}$
89381	1368	1491	$\frac{2}{71}$	$\frac{2}{21}$	$\frac{23}{71}$	$\frac{1}{3}$	$\Phi_{1491}\ \Phi_{497}\ \Phi_{71}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
89382	1368	1092	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{9}{28}$	$\frac{1}{3}$	$\Phi_{1092}^{2}\ \Phi_{546}^{2}\ \Phi_{273}^{2}\ \Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{39}^{3}$
89383	1368	2055	$\frac{34}{685}$	$\frac{39}{685}$	$\frac{217}{685}$	$\frac{1}{3}$	$\Phi_{2055}\ \Phi_{411}\ \Phi_{15}$
89384	1368	420	$\frac{1}{20}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{105}^{4}\ \Phi_{84}^{5}\ \Phi_{60}^{6}\ \Phi_{42}^{5}\ \Phi_{30}^{6}\ \Phi_{21}^{4}\ \Phi_{15}^{5}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{4}$
89385	1368	411	$\frac{5}{137}$	$\frac{11}{137}$	$\frac{42}{137}$	$\frac{1}{3}$	$\Phi_{411}^{5}\ \Phi_{3}^{4}$
89386	1368	999	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{999}^{2}\ \Phi_{111}$
89387	1368	663	$\frac{1}{39}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{663}^{2}\ \Phi_{221}^{2}\ \Phi_{51}\ \Phi_{39}^{4}\ \Phi_{17}^{2}\ \Phi_{13}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
89388	1368	2055	$\frac{13}{685}$	$\frac{112}{685}$	$\frac{191}{685}$	$\frac{1}{3}$	$\Phi_{2055}\ \Phi_{411}\ \Phi_{15}$
89389	1368	1914	$\frac{1}{58}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{1914}\ \Phi_{957}\ \Phi_{174}^{2}\ \Phi_{87}^{2}\ \Phi_{66}\ \Phi_{6}^{2}$
89390	1368	2055	$\frac{9}{685}$	$\frac{169}{685}$	$\frac{172}{685}$	$\frac{1}{3}$	$\Phi_{2055}\ \Phi_{411}\ \Phi_{15}$
89391	1368	924	$\frac{1}{77}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{231}^{3}\ \Phi_{132}^{2}\ \Phi_{84}^{2}\ \Phi_{66}^{2}\ \Phi_{42}^{2}\ \Phi_{33}^{3}\ \Phi_{21}^{3}$
89392	1368	2724	$\frac{3}{227}$	$\frac{56}{227}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2724}\ \Phi_{1362}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
89393	1368	1740	$\frac{1}{58}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1740}^{2}\ \Phi_{870}\ \Phi_{435}\ \Phi_{60}\ \Phi_{15}$
89394	1368	2724	$\frac{5}{227}$	$\frac{37}{227}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2724}\ \Phi_{1362}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
89395	1368	1092	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}^{2}\ \Phi_{546}^{2}\ \Phi_{364}^{2}\ \Phi_{182}^{2}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
89396	1368	2100	$\frac{1}{25}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
89397	1368	2724	$\frac{11}{227}$	$\frac{18}{227}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2724}\ \Phi_{1362}\ \Phi_{12}^2\ \Phi_{6}^2$
89398	1368	780	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{195}^3\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{39}^3$
89399	1368	150	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{6}{25}$	$\frac{1}{3}$	$\Phi_{150}^{15}\ \Phi_{75}^{12}\ \Phi_{30}^{16}\ \Phi_{15}^{13}\ \Phi_{6}^{16}\ \Phi_{3}^{12}$
89400	1368	1491	$\frac{3}{71}$	$\frac{2}{21}$	$\frac{17}{71}$	$\frac{1}{3}$	$\Phi_{1491}\ \Phi_{497}\ \Phi_{71}\ \Phi_{21}^2\ \Phi_{7}^2\ \Phi_{1}^2$
89401	1368	2055	$\frac{33}{685}$	$\frac{58}{685}$	$\frac{163}{685}$	$\frac{1}{3}$	$\Phi_{2055}\ \Phi_{411}\ \Phi_{15}$
89402	1368	420	$\frac{1}{20}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{105}^4\ \Phi_{84}^5\ \Phi_{60}^6\ \Phi_{42}^5\ \Phi_{30}^6\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_{6}^6\ \Phi_{3}^4$
89403	1368	2055	$\frac{28}{685}$	$\frac{73}{685}$	$\frac{153}{685}$	$\frac{1}{3}$	$\Phi_{2055}\ \Phi_{411}\ \Phi_{15}$
89404	1368	1665	$\frac{1}{37}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{185}\ \Phi_{111}$
89405	1368	888	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{888}^2\ \Phi_{444}^2\ \Phi_{296}^2\ \Phi_{148}^2\ \Phi_{111}$
89406	1368	525	$\frac{4}{175}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{525}^4\ \Phi_{105}^4\ \Phi_{75}^4\ \Phi_{21}^4\ \Phi_{15}$
89407	1368	1275	$\frac{2}{85}$	$\frac{83}{425}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1275}^2\ \Phi_{75}^2\ \Phi_{15}$
89408	1368	1020	$\frac{1}{34}$	$\frac{11}{68}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1020}^3\ \Phi_{510}^2\ \Phi_{255}^2\ \Phi_{60}^3\ \Phi_{30}^2\ \Phi_{15}^3$
89409	1368	255	$\frac{4}{85}$	$\frac{9}{85}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{255}^8\ \Phi_{51}^8\ \Phi_{15}^9\ \Phi_{3}^8$
89410	1368	60	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{60}^{36}\ \Phi_{30}^{32}\ \Phi_{15}^{33}\ \Phi_{12}^{36}\ \Phi_{6}^{32}\ \Phi_{3}^{32}$
89411	1368	1995	$\frac{1}{19}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{95}$
89412	1368	2805	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2805}\ \Phi_{165}\ \Phi_{15}$
89413	1368	2730	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{13}{70}$	$\frac{1}{3}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{390}\ \Phi_{195}\ \Phi_{39}$
89414	1368	411	$\frac{5}{137}$	$\frac{22}{137}$	$\frac{23}{137}$	$\frac{1}{3}$	$\Phi_{411}^5\ \Phi_{3}^4$
89415	1368	2373	$\frac{5}{113}$	$\frac{1}{7}$	$\frac{18}{113}$	$\frac{1}{3}$	$\Phi_{2373}\ \Phi_{21}^2$
89416	1368	2055	$\frac{31}{685}$	$\frac{96}{685}$	$\frac{109}{685}$	$\frac{1}{3}$	$\Phi_{2055}\ \Phi_{411}\ \Phi_{15}$
89417	1368	90	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{7}{45}$	$\frac{1}{3}$	$\Phi_{90}^{20}\ \Phi_{45}^{16}\ \Phi_{30}^{11}\ \Phi_{18}^{20}\ \Phi_{15}^{9}\ \Phi_{10}^{10}\ \Phi_{9}^{16}\ \Phi_{6}^{11}\ \Phi_{5}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{10}\ \Phi_{1}^{8}$
89418	1368	1491	$\frac{5}{71}$	$\frac{2}{21}$	$\frac{11}{71}$	$\frac{1}{3}$	$\Phi_{1491}\ \Phi_{497}\ \Phi_{71}\ \Phi_{21}^2\ \Phi_{7}^2\ \Phi_{1}^2$
89419	1368	420	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{105}^5\ \Phi_{84}^5\ \Phi_{60}^6\ \Phi_{42}^5\ \Phi_{30}^6\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{6}^6$
89420	1368	273	$\frac{1}{13}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{273}^5\ \Phi_{91}^6\ \Phi_{39}^6\ \Phi_{13}^6$
89421	1368	330	$\frac{13}{165}$	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{330}^5\ \Phi_{165}^4\ \Phi_{110}^5\ \Phi_{66}^5\ \Phi_{55}^4\ \Phi_{33}^4\ \Phi_{30}\ \Phi_{22}^5\ \Phi_{15}\ \Phi_{11}^4\ \Phi_{6}$
89422	1368	2496	$\frac{1}{13}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{39}$
89423	1368	1491	$\frac{2}{21}$	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{3}$	$\Phi_{1491}\ \Phi_{497}\ \Phi_{71}\ \Phi_{21}^2\ \Phi_{7}^2\ \Phi_{1}^2$
89424	1368	630	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^2\ \Phi_{126}^3\ \Phi_{105}^2\ \Phi_{90}\ \Phi_{70}^2\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{6}$
89425	1368	1243	$\frac{2}{113}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{37}{113}$	$\Phi_{1243}\ \Phi_{113}^2\ \Phi_{11}^2\ \Phi_{1}^4$
89426	1368	2260	$\frac{2}{113}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{37}{113}$	$\Phi_{2260}\ \Phi_{1130}\ \Phi_{20}^2\ \Phi_{10}^2$
89427	1368	1367	$\frac{26}{1367}$	$\frac{230}{1367}$	$\frac{379}{1367}$	$\frac{447}{1367}$	$\Phi_{1367}\ \Phi_{1}^2$
89428	1368	245	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{11}{49}$	$\frac{16}{49}$	$\Phi_{245}^7\ \Phi_{35}^7\ \Phi_{5}^6$
89429	1368	1367	$\frac{29}{1367}$	$\frac{265}{1367}$	$\frac{307}{1367}$	$\frac{446}{1367}$	$\Phi_{1367}\ \Phi_{1}^2$
89430	1368	1828	$\frac{10}{457}$	$\frac{77}{457}$	$\frac{1}{4}$	$\frac{149}{457}$	$\Phi_{1828}\ \Phi_{914}$
89431	1368	1917	$\frac{2}{71}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{23}{71}$	$\Phi_{1917}\ \Phi_{71}\ \Phi_{27}^2\ \Phi_{1}^2$
89432	1368	1704	$\frac{2}{71}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{23}{71}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{568}\ \Phi_{284}\ \Phi_{71}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{1}^2$
89433	1368	644	$\frac{1}{28}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{9}{28}$	$\Phi_{644}^2\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{28}^4\ \Phi_{23}^3\ \Phi_{14}^4\ \Phi_{7}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
89434	1368	252	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{9}{28}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^6\ \Phi_{63}^6\ \Phi_{42}^6\ \Phi_{36}^7\ \Phi_{21}^6\ \Phi_{18}^7\ \Phi_{12}^7\ \Phi_{9}^6\ \Phi_{6}^7\ \Phi_{3}^6$
89435	1368	644	$\frac{1}{28}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{9}{28}$	$\Phi_{644}^2\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{28}^4\ \Phi_{23}^3\ \Phi_{14}^4\ \Phi_{7}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
89436	1368	140	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{9}{28}$	$\Phi_{140}^{12}\ \Phi_{70}^{12}\ \Phi_{35}^{13}\ \Phi_{20}^{12}\ \Phi_{10}^{12}\ \Phi_{5}^{12}$
89437	1368	1367	$\frac{50}{1367}$	$\frac{116}{1367}$	$\frac{417}{1367}$	$\frac{439}{1367}$	$\Phi_{1367}\ \Phi_{1}^{2}$
89438	1368	1548	$\frac{7}{172}$	$\frac{1}{9}$	$\frac{39}{172}$	$\frac{55}{172}$	$\Phi_{1548}\ \Phi_{774}\ \Phi_{516}\ \Phi_{387}\ \Phi_{258}\ \Phi_{129}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
89439	1368	1367	$\frac{56}{1367}$	$\frac{155}{1367}$	$\frac{303}{1367}$	$\frac{437}{1367}$	$\Phi_{1367}\ \Phi_{1}^{2}$
89440	1368	1603	$\frac{10}{229}$	$\frac{1}{7}$	$\frac{39}{229}$	$\frac{73}{229}$	Φ_{1603}
89441	1368	1367	$\frac{62}{1367}$	$\frac{189}{1367}$	$\frac{233}{1367}$	$\frac{435}{1367}$	$\Phi_{1367}\ \Phi_{1}^{2}$
89442	1368	1715	$\frac{16}{343}$	$\frac{39}{343}$	$\frac{1}{5}$	$\frac{109}{343}$	$\Phi_{1715}\ \Phi_{245}\ \Phi_{35}$
89443	1368	1367	$\frac{65}{1367}$	$\frac{132}{1367}$	$\frac{311}{1367}$	$\frac{434}{1367}$	$\Phi_{1367}\ \Phi_{1}^{2}$
89444	1368	1828	$\frac{22}{457}$	$\frac{39}{457}$	$\frac{1}{4}$	$\frac{145}{457}$	$\Phi_{1828}\ \Phi_{914}$
89445	1368	715	$\frac{4}{55}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{17}{55}$	$\Phi_{715}^{2}\ \Phi_{143}^{2}\ \Phi_{65}^{3}\ \Phi_{13}^{2}$
89446	1368	460	$\frac{1}{20}$	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{460}^{3}\ \Phi_{230}^{3}\ \Phi_{115}^{3}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{23}^{3}\ \Phi_{20}^{6}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
89447	1368	1610	$\frac{1}{14}$	$\frac{2}{23}$	$\frac{13}{70}$	$\frac{7}{23}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{230}\ \Phi_{115}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{23}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
89448	1368	483	$\frac{2}{23}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{7}{23}$	$\Phi_{483}^{3}\ \Phi_{161}^{2}\ \Phi_{69}^{3}\ \Phi_{23}^{3}\ \Phi_{21}^{6}\ \Phi_{7}^{4}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
89449	1368	1472	$\frac{2}{23}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{7}{23}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{368}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{23}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
89450	1368	1881	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{1881}\ \Phi_{209}\ \Phi_{171}$
89451	1368	1460	$\frac{1}{20}$	$\frac{7}{73}$	$\frac{17}{73}$	$\frac{22}{73}$	$\Phi_{1460}\ \Phi_{730}\ \Phi_{365}\ \Phi_{292}\ \Phi_{146}$
89452	1368	2700	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{540}\ \Phi_{270}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
89453	1368	1917	$\frac{3}{71}$	$\frac{1}{9}$	$\frac{17}{71}$	$\frac{8}{27}$	$\Phi_{1917}\ \Phi_{71}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$
89454	1368	2565	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{2565}\ \Phi_{95}$
89455	1368	1917	$\frac{5}{71}$	$\frac{1}{9}$	$\frac{11}{71}$	$\frac{8}{27}$	$\Phi_{1917}\ \Phi_{71}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$
89456	1368	2457	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{27}$	$\Phi_{2457}\ \Phi_{91}$
89457	1368	1917	$\frac{7}{71}$	$\frac{1}{9}$	$\frac{8}{71}$	$\frac{8}{27}$	$\Phi_{1917}\ \Phi_{71}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$
89458	1368	270	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{270}^{8}\ \Phi_{135}^{8}\ \Phi_{90}\ \Phi_{54}^{8}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
89459	1368	425	$\frac{1}{25}$	$\frac{2}{17}$	$\frac{6}{25}$	$\frac{5}{17}$	$\Phi_{425}^{3}\ \Phi_{85}^{3}\ \Phi_{25}^{6}\ \Phi_{17}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
89460	1368	340	$\frac{1}{20}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{340}^{4}\ \Phi_{170}^{4}\ \Phi_{85}^{3}\ \Phi_{68}^{4}\ \Phi_{34}^{4}\ \Phi_{20}^{8}\ \Phi_{17}^{4}\ \Phi_{10}^{8}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
89461	1368	765	$\frac{1}{15}$	$\frac{2}{17}$	$\frac{7}{45}$	$\frac{5}{17}$	$\Phi_{765}^{2}\ \Phi_{255}\ \Phi_{153}^{2}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}^{4}\ \Phi_{17}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
89462	1368	1367	$\frac{55}{1367}$	$\frac{164}{1367}$	$\frac{322}{1367}$	$\frac{401}{1367}$	$\Phi_{1367}\ \Phi_{1}^{2}$
89463	1368	1828	$\frac{17}{457}$	$\frac{55}{457}$	$\frac{1}{4}$	$\frac{134}{457}$	$\Phi_{1828}\ \Phi_{914}$
89464	1368	1367	$\frac{51}{1367}$	$\frac{173}{1367}$	$\frac{329}{1367}$	$\frac{398}{1367}$	$\Phi_{1367}\ \Phi_{1}^{2}$
89465	1368	1460	$\frac{1}{20}$	$\frac{10}{73}$	$\frac{13}{73}$	$\frac{21}{73}$	$\Phi_{1460}\ \Phi_{730}\ \Phi_{365}\ \Phi_{292}\ \Phi_{146}$
89466	1368	595	$\frac{5}{119}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{595}^{3}\ \Phi_{85}^{3}\ \Phi_{35}$
89467	1368	1367	$\frac{59}{1367}$	$\frac{218}{1367}$	$\frac{246}{1367}$	$\frac{383}{1367}$	$\Phi_{1367}\ \Phi_{1}^{2}$
89468	1368	1715	$\frac{13}{343}$	$\frac{55}{343}$	$\frac{1}{5}$	$\frac{96}{343}$	$\Phi_{1715}\ \Phi_{245}\ \Phi_{35}$
89469	1368	1995	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{1995}\ \Phi_{399}\ \Phi_{285}\ \Phi_{133}\ \Phi_{57}$
89470	1368	1716	$\frac{1}{39}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{286}\ \Phi_{156}^{2}\ \Phi_{132}\ \Phi_{78}^{2}\ \Phi_{66}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
89471	1368	1243	$\frac{5}{113}$	$\frac{18}{113}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1243}\ \Phi_{113}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
89472	1368	1540	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{154}\ \Phi_{140}^{2}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
89473	1368	1443	$\frac{1}{39}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{1443}\ \Phi_{481}\ \Phi_{111}$
89474	1368	1367	$\frac{53}{1367}$	$\frac{219}{1367}$	$\frac{287}{1367}$	$\frac{360}{1367}$	$\Phi_{1367}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
89475	1368	1460	$\frac{1}{20}$	$\frac{9}{73}$	$\frac{16}{73}$	$\frac{19}{73}$	$\Phi_{1460}\ \Phi_{730}\ \Phi_{365}\ \Phi_{292}\ \Phi_{146}$
89476	1368	510	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{4}{17}$	$\frac{13}{51}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{170}\ \Phi_{102}^4\ \Phi_{85}\ \Phi_{34}\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_6^4$
89477	1368	1367	$\frac{63}{1367}$	$\frac{170}{1367}$	$\frac{326}{1367}$	$\frac{347}{1367}$	$\Phi_{1367}\ \Phi_1^2$
89478	1368	1603	$\frac{9}{229}$	$\frac{1}{7}$	$\frac{55}{229}$	$\frac{58}{229}$	Φ_{1603}
89479	1368	1367	$\frac{27}{1367}$	$\frac{335}{1367}$	$\frac{341}{1367}$	$\frac{344}{1367}$	$\Phi_{1367}\ \Phi_1^2$
89480	1368	1828	$\frac{9}{457}$	$\frac{112}{457}$	$\frac{1}{4}$	$\frac{115}{457}$	$\Phi_{1828}\ \Phi_{914}$
89481	1368	604	$\frac{3}{151}$	$\frac{37}{151}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{604}^2\ \Phi_{302}^2\ \Phi_{151}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
89482	1368	780	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^3\ \Phi_{130}^2\ \Phi_{65}^3\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^3$
89483	1368	604	$\frac{7}{151}$	$\frac{18}{151}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{604}^2\ \Phi_{302}^2\ \Phi_{151}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
89484	1368	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{180}^9\ \Phi_{90}^9\ \Phi_{60}^9\ \Phi_{45}^9\ \Phi_{36}^7\ \Phi_{30}^9\ \Phi_{18}^7\ \Phi_{15}^9\ \Phi_{12}^7\ \Phi_9^6\ \Phi_6^7\ \Phi_3^6$
89485	1368	700	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{6}{25}$	$\frac{1}{4}$	$\Phi_{700}^3\ \Phi_{350}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{28}^4\ \Phi_{14}^4$
89486	1368	1828	$\frac{21}{457}$	$\frac{58}{457}$	$\frac{109}{457}$	$\frac{1}{4}$	$\Phi_{1828}\ \Phi_{914}$
89487	1368	2016	$\frac{3}{56}$	$\frac{1}{9}$	$\frac{53}{224}$	$\frac{1}{4}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
89488	1368	460	$\frac{1}{20}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{460}^3\ \Phi_{230}^3\ \Phi_{115}^3\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}^3\ \Phi_{20}^6\ \Phi_{10}^6\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
89489	1368	1828	$\frac{19}{457}$	$\frac{73}{457}$	$\frac{96}{457}$	$\frac{1}{4}$	$\Phi_{1828}\ \Phi_{914}$
89490	1368	600	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{600}^3\ \Phi_{300}\ \Phi_{200}^3\ \Phi_{150}^2\ \Phi_{120}^3\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
89491	1368	2260	$\frac{5}{113}$	$\frac{18}{113}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2260}\ \Phi_{1130}\ \Phi_{20}^2\ \Phi_{10}^2$
89492	1368	140	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^{11}\ \Phi_{70}^{11}\ \Phi_{35}^{12}\ \Phi_{28}^{12}\ \Phi_{14}^{12}\ \Phi_7^{12}$
89493	1368	1260	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{70}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{105}\ \Phi_{90}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
89494	1368	1260	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{7}{45}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
89495	1368	252	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{252}^8\ \Phi_{126}^8\ \Phi_{84}^5\ \Phi_{42}^5\ \Phi_{36}^9\ \Phi_{28}^6\ \Phi_{18}^9\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_2^6$
89496	1368	1764	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{25}{196}$	$\frac{1}{4}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{147}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
89497	1368	576	$\frac{7}{64}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
89498	1368	1704	$\frac{3}{71}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{17}{71}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{568}\ \Phi_{284}\ \Phi_{71}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
89499	1368	1120	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{53}{224}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{35}$
89500	1368	245	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{1}{5}$	$\frac{11}{49}$	$\Phi_{245}^7\ \Phi_{35}^7\ \Phi_5^6$
89501	1368	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{7}{45}$	$\frac{2}{9}$	$\Phi_{90}^{17}\ \Phi_{45}^{13}\ \Phi_{30}^{17}\ \Phi_{18}^{17}\ \Phi_{15}^{13}\ \Phi_{10}^{16}\ \Phi_9^{16}\ \Phi_6^{17}\ \Phi_5^{12}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{16}$
89502	1368	1610	$\frac{1}{14}$	$\frac{3}{23}$	$\frac{13}{70}$	$\frac{5}{23}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{230}\ \Phi_{115}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{23}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
89503	1368	299	$\frac{1}{13}$	$\frac{3}{23}$	$\frac{4}{23}$	$\frac{5}{23}$	$\Phi_{299}^5\ \Phi_{13}^4$
89504	1368	483	$\frac{2}{21}$	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{5}{23}$	$\Phi_{483}^3\ \Phi_{161}^2\ \Phi_{69}^3\ \Phi_{23}^3\ \Phi_{21}^6\ \Phi_7^4\ \Phi_3^6\ \Phi_1^6$
89505	1368	1472	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{3}{23}$	$\frac{5}{23}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{368}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_1^2$
89506	1368	910	$\frac{11}{182}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{35}$
89507	1368	2280	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{380}\ \Phi_{95}$
89508	1368	1704	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{568}\ \Phi_{284}\ \Phi_{71}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
89509	1368	2184	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{364}\ \Phi_{91}$
89510	1368	1704	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{568}\ \Phi_{284}\ \Phi_{71}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
89511	1368	360	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^4\ \Phi_{90}\ \Phi_{72}^3\ \Phi_{60}^4\ \Phi_{45}\ \Phi_{40}^4\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^4\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
89512	1368	70	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{70}$	$\frac{1}{5}$	$\Phi_{70}^{18}\ \Phi_{35}^{19}\ \Phi_{14}^{24}\ \Phi_{10}^{18}\ \Phi_{7}^{24}\ \Phi_{5}^{18}\ \Phi_{2}^{24}\ \Phi_{1}^{24}$
89513	1368	105	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{105}^{18}\ \Phi_{35}^{13}\ \Phi_{15}^{18}\ \Phi_{5}^{12}$
89514	1368	980	$\frac{3}{28}$	$\frac{25}{196}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{980}^{2}\ \Phi_{490}^{2}\ \Phi_{245}^{2}\ \Phi_{35}$
89515	1368	2240	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{35}$
89516	1369	2432	$\frac{1}{152}$	$\frac{153}{1216}$	$\frac{1063}{2432}$	$\frac{151}{304}$	$\Phi_{2432}\ \Phi_{304}\ \Phi_{128}\ \Phi_{16}\ \Phi_{1}$
89517	1369	1824	$\frac{1}{152}$	$\frac{455}{1824}$	$\frac{153}{608}$	$\frac{151}{304}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}\ \Phi_{57}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
89518	1369	2720	$\frac{9}{1360}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1351}{2720}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{160}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
89519	1369	2592	$\frac{1}{72}$	$\frac{73}{1296}$	$\frac{1223}{2592}$	$\frac{71}{144}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
89520	1369	1728	$\frac{1}{72}$	$\frac{73}{432}$	$\frac{359}{1728}$	$\frac{71}{144}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
89521	1369	2700	$\frac{19}{1350}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1331}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{180}\ \Phi_{108}\ \Phi_{100}\ \Phi_{60}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
89522	1369	1568	$\frac{3}{196}$	$\frac{199}{1568}$	$\frac{1}{4}$	$\frac{193}{392}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{224}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{49}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
89523	1369	1836	$\frac{8}{459}$	$\frac{1}{9}$	$\frac{467}{1836}$	$\frac{451}{918}$	$\Phi_{1836}\ \Phi_{612}\ \Phi_{459}\ \Phi_{204}\ \Phi_{153}\ \Phi_{108}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{27}\ \Phi_{17}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
89524	1369	2688	$\frac{25}{1344}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{1319}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{128}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
89525	1369	2688	$\frac{25}{1344}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1319}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{128}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
89526	1369	2688	$\frac{25}{1344}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1319}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
89527	1369	72	$\frac{1}{36}$	$\frac{1}{36}$	$\frac{35}{72}$	$\frac{35}{72}$	$\Phi_{72}^{2}\ \Phi_{36}^{36}\ \Phi_{24}^{2}\ \Phi_{18}^{36}\ \Phi_{12}^{36}\ \Phi_{9}^{36}\ \Phi_{8}^{2}\ \Phi_{6}^{36}\ \Phi_{4}^{36}\ \Phi_{3}^{36}\ \Phi_{2}^{36}\ \Phi_{1}^{37}$
89528	1369	936	$\frac{1}{36}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{936}^{3}\ \Phi_{312}^{3}\ \Phi_{104}^{3}\ \Phi_{72}\ \Phi_{39}\ \Phi_{24}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
89529	1369	216	$\frac{1}{36}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{35}{72}$	$\Phi_{216}^{18}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
89530	1369	360	$\frac{1}{36}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{4}\ \Phi_{90}^{4}\ \Phi_{72}\ \Phi_{60}^{4}\ \Phi_{45}^{4}\ \Phi_{40}^{5}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{24}\ \Phi_{20}^{5}\ \Phi_{18}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{5}\ \Phi_{9}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
89531	1369	144	$\frac{1}{36}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{35}{72}$	$\Phi_{144}^{12}\ \Phi_{72}\ \Phi_{48}^{13}\ \Phi_{36}^{12}\ \Phi_{24}^{2}\ \Phi_{18}^{12}\ \Phi_{16}^{13}\ \Phi_{12}^{12}\ \Phi_{9}^{12}\ \Phi_{8}^{2}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
89532	1369	360	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{35}{72}$	$\Phi_{360}^{9}\ \Phi_{120}^{9}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}^{9}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
89533	1369	504	$\frac{1}{36}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{35}{72}$	$\Phi_{504}^{6}\ \Phi_{168}^{6}\ \Phi_{72}\ \Phi_{56}^{6}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
89534	1369	2640	$\frac{49}{1320}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1271}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
89535	1369	1656	$\frac{11}{276}$	$\frac{1}{12}$	$\frac{287}{1656}$	$\frac{265}{552}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{138}\ \Phi_{92}\ \Phi_{72}\ \Phi_{69}\ \Phi_{46}\ \Phi_{36}\ \Phi_{23}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
89536	1369	2016	$\frac{25}{672}$	$\frac{1}{24}$	$\frac{647}{2016}$	$\frac{23}{48}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
89537	1369	1440	$\frac{1}{24}$	$\frac{71}{1440}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
89538	1369	1680	$\frac{1}{24}$	$\frac{25}{336}$	$\frac{311}{1680}$	$\frac{23}{48}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
89539	1369	1536	$\frac{1}{24}$	$\frac{167}{1536}$	$\frac{25}{192}$	$\frac{23}{48}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
89540	1369	1530	$\frac{8}{153}$	$\frac{161}{1530}$	$\frac{1}{9}$	$\frac{145}{306}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{153}\ \Phi_{90}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}\ \Phi_{30}\ \Phi_{17}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
89541	1369	2592	$\frac{1}{36}$	$\frac{73}{1296}$	$\frac{35}{108}$	$\frac{1223}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{1}$
89542	1369	2592	$\frac{73}{1296}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1223}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{81}\ \Phi_{32}\ \Phi_{27}\ \Phi_{1}$
89543	1369	1872	$\frac{1}{36}$	$\frac{35}{468}$	$\frac{503}{1872}$	$\frac{433}{936}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
89544	1369	1584	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{215}{1584}$	$\frac{181}{396}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
89545	1369	2520	$\frac{1}{18}$	$\frac{109}{1260}$	$\frac{17}{126}$	$\frac{1151}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{126}\ \Phi_{120}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
89546	1369	1458	$\frac{89}{1458}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{162}$	$\Phi_{1458}\ \Phi_{729}\ \Phi_{486}\ \Phi_{243}\ \Phi_{81}\ \Phi_{27}\ \Phi_{1}$
89547	1369	1400	$\frac{31}{1400}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{50}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
89548	1369	2448	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{145}{1224}$	$\frac{1079}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{153}\ \Phi_{144}\ \Phi_{51}\ \Phi_{48}\ \Phi_{17}\ \Phi_{16}\ \Phi_{1}$
89549	1369	1632	$\frac{9}{272}$	$\frac{1}{8}$	$\frac{263}{1632}$	$\frac{7}{16}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{96}\ \Phi_{51}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
89550	1369	1440	$\frac{71}{1440}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
89551	1369	1512	$\frac{1}{18}$	$\frac{143}{1512}$	$\frac{17}{126}$	$\frac{109}{252}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
89552	1369	2376	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{181}{1188}$	$\frac{1007}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
89553	1369	2352	$\frac{3}{196}$	$\frac{193}{1176}$	$\frac{1}{4}$	$\frac{983}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{49}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
89554	1369	1440	$\frac{71}{1440}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
89555	1369	2304	$\frac{1}{72}$	$\frac{217}{1152}$	$\frac{71}{288}$	$\frac{935}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
89556	1369	1710	$\frac{1}{57}$	$\frac{56}{285}$	$\frac{341}{1710}$	$\frac{229}{570}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{342}\ \Phi_{285}\ \Phi_{171}\ \Phi_{95}\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
89557	1369	2280	$\frac{1}{57}$	$\frac{56}{285}$	$\frac{229}{1140}$	$\frac{911}{2280}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{285}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
89558	1369	1408	$\frac{39}{1408}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{128}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
89559	1369	2208	$\frac{11}{276}$	$\frac{1}{12}$	$\frac{265}{1104}$	$\frac{839}{2208}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_{1}$
89560	1369	1728	$\frac{1}{72}$	$\frac{359}{1728}$	$\frac{71}{288}$	$\frac{217}{576}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
89561	1369	2160	$\frac{1}{72}$	$\frac{71}{360}$	$\frac{289}{1080}$	$\frac{791}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
89562	1369	1404	$\frac{35}{1404}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{108}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
89563	1369	1512	$\frac{1}{36}$	$\frac{143}{1512}$	$\frac{35}{108}$	$\frac{73}{216}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
89564	1369	2064	$\frac{7}{344}$	$\frac{1}{8}$	$\frac{337}{1032}$	$\frac{695}{2064}$	$\Phi_{2064}\ \Phi_{688}\ \Phi_{344}\ \Phi_{172}\ \Phi_{86}\ \Phi_{48}\ \Phi_{43}\ \Phi_{16}\ \Phi_{1}$
89565	1369	2052	$\frac{1}{171}$	$\frac{170}{513}$	$\frac{683}{2052}$	$\frac{343}{1026}$	$\Phi_{2052}\ \Phi_{684}\ \Phi_{513}\ \Phi_{228}\ \Phi_{108}\ \Phi_{76}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
89566	1369	39	$\frac{2}{39}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{39}^{35}\ \Phi_{13}^{35}\ \Phi_{3}^{36}\ \Phi_{1}^{37}$
89567	1369	702	$\frac{2}{39}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{702}^{3}\ \Phi_{351}^{3}\ \Phi_{54}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_{1}$
89568	1369	1560	$\frac{2}{39}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}\ \Phi_{39}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
89569	1369	624	$\frac{2}{39}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{624}^{3}\ \Phi_{312}^{3}\ \Phi_{208}^{3}\ \Phi_{104}^{3}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
89570	1369	585	$\frac{2}{39}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{585}^{3}\ \Phi_{195}^{3}\ \Phi_{65}^{3}\ \Phi_{45}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}$
89571	1369	546	$\frac{2}{39}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{546}^{3}\ \Phi_{273}^{3}\ \Phi_{182}^{3}\ \Phi_{91}^{3}\ \Phi_{42}\ \Phi_{39}\ \Phi_{21}\ \Phi_{14}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}$
89572	1369	1764	$\frac{3}{196}$	$\frac{395}{1764}$	$\frac{1}{4}$	$\frac{193}{588}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{441}\ \Phi_{252}\ \Phi_{196}\ \Phi_{126}\ \Phi_{98}\ \Phi_{63}\ \Phi_{49}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
89573	1369	1944	$\frac{1}{36}$	$\frac{73}{648}$	$\frac{575}{1944}$	$\frac{35}{108}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{1}$
89574	1369	1620	$\frac{1}{36}$	$\frac{251}{1620}$	$\frac{73}{324}$	$\frac{35}{108}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
89575	1369	1728	$\frac{1}{36}$	$\frac{73}{432}$	$\frac{359}{1728}$	$\frac{35}{108}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
89576	1369	2025	$\frac{19}{675}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{656}{2025}$	$\Phi_{2025}\ \Phi_{405}\ \Phi_{81}\ \Phi_{27}\ \Phi_1$
89577	1369	2016	$\frac{25}{672}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{647}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
89578	1369	2016	$\frac{25}{672}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{647}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
89579	1369	54	$\frac{1}{18}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{17}{54}$	$\Phi_{54}^{20}\ \Phi_{27}^{20}\ \Phi_{18}^{36}\ \Phi_9^{36}\ \Phi_6^{36}\ \Phi_3^{36}\ \Phi_2^{36}\ \Phi_1^{37}$
89580	1369	1080	$\frac{1}{18}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
89581	1369	432	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{17}{54}$	$\Phi_{432}^6\ \Phi_{216}^6\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
89582	1369	270	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{17}{54}$	$\Phi_{270}^9\ \Phi_{135}^9\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_5\ \Phi_1$
89583	1369	378	$\frac{1}{18}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{17}{54}$	$\Phi_{378}^6\ \Phi_{189}^6\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
89584	1369	1980	$\frac{49}{660}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{611}{1980}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{198}\ \Phi_{180}\ \Phi_{99}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
89585	1369	1782	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{413}{1782}$	$\frac{181}{594}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{198}\ \Phi_{162}\ \Phi_{99}\ \Phi_{81}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
89586	1369	1428	$\frac{59}{1428}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{238}\ \Phi_{204}\ \Phi_{119}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{28}\ \Phi_{17}\ \Phi_{14}\ \Phi_7\ \Phi_1$
89587	1369	1620	$\frac{19}{270}$	$\frac{1}{9}$	$\frac{251}{1620}$	$\frac{8}{27}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
89588	1369	1485	$\frac{116}{1485}$	$\frac{1}{9}$	$\frac{19}{135}$	$\frac{8}{27}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_1$
89589	1369	1944	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{648}$	$\frac{575}{1944}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{81}\ \Phi_{27}\ \Phi_1$
89590	1369	1890	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{109}{630}$	$\frac{521}{1890}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
89591	1369	1440	$\frac{71}{1440}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
89592	1369	1836	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{145}{612}$	$\frac{467}{1836}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{459}\ \Phi_{153}\ \Phi_{108}\ \Phi_{54}\ \Phi_{51}\ \Phi_{27}\ \Phi_{17}\ \Phi_1$
89593	1369	40	$\frac{3}{40}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{40}^{34}\ \Phi_{20}^{34}\ \Phi_{10}^{34}\ \Phi_8^{34}\ \Phi_5^{34}\ \Phi_4^{36}\ \Phi_2^{36}\ \Phi_1^{37}$
89594	1369	1792	$\frac{25}{448}$	$\frac{3}{28}$	$\frac{423}{1792}$	$\frac{1}{4}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{256}\ \Phi_{128}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
89595	1369	240	$\frac{3}{40}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{240}^8\ \Phi_{120}^4\ \Phi_{80}^8\ \Phi_{60}^4\ \Phi_{48}^5\ \Phi_{40}^5\ \Phi_{30}^4\ \Phi_{24}\ \Phi_{20}^5\ \Phi_{16}^5\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_8^2\ \Phi_6^4\ \Phi_5^5\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
89596	1369	1456	$\frac{87}{1456}$	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{208}\ \Phi_{182}\ \Phi_{104}\ \Phi_{91}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}\ \Phi_{13}\ \Phi_7\ \Phi_1$
89597	1369	1680	$\frac{25}{336}$	$\frac{3}{28}$	$\frac{311}{1680}$	$\frac{1}{4}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
89598	1369	360	$\frac{3}{40}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{360}^4\ \Phi_{180}^3\ \Phi_{120}^4\ \Phi_{90}^3\ \Phi_{72}^4\ \Phi_{60}^3\ \Phi_{45}^4\ \Phi_{40}^5\ \Phi_{36}^4\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_8^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
89599	1369	840	$\frac{3}{40}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
89600	1369	1512	$\frac{143}{1512}$	$\frac{3}{28}$	$\frac{25}{168}$	$\frac{1}{4}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{72}\ \Phi_{63}\ \Phi_{54}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
89601	1369	1568	$\frac{3}{28}$	$\frac{25}{224}$	$\frac{199}{1568}$	$\frac{1}{4}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
89602	1369	1792	$\frac{25}{448}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{423}{1792}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{256}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
89603	1369	48	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{11}{48}$	$\Phi_{48}^{26}\ \Phi_{24}^{26}\ \Phi_{16}^{26}\ \Phi_{12}^{36}\ \Phi_8^{26}\ \Phi_6^{36}\ \Phi_4^{36}\ \Phi_3^{36}\ \Phi_2^{36}\ \Phi_1^{37}$
89604	1369	720	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{11}{48}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}^3\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
89605	1369	336	$\frac{1}{12}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{11}{48}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{56}^6\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
89606	1369	1620	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{251}{1620}$	$\frac{73}{324}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
89607	1369	1536	$\frac{167}{1536}$	$\frac{1}{8}$	$\frac{25}{192}$	$\frac{7}{32}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
89608	1369	1568	$\frac{25}{224}$	$\frac{1}{8}$	$\frac{199}{1568}$	$\frac{7}{32}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
89609	1369	45	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{8}{45}$	$\Phi_{45}^{29}\ \Phi_{15}^{29}\ \Phi_{9}^{36}\ \Phi_{5}^{29}\ \Phi_{3}^{36}\ \Phi_{1}^{37}$
89610	1369	630	$\frac{1}{9}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{8}{45}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}^{3}\ \Phi_{105}^{3}\ \Phi_{70}^{3}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}^{3}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_7\ \Phi_5\ \Phi_1$
89611	1369	42	$\frac{5}{42}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{42}^{32}\ \Phi_{21}^{32}\ \Phi_{14}^{32}\ \Phi_{7}^{32}\ \Phi_{6}^{36}\ \Phi_{3}^{36}\ \Phi_{2}^{36}\ \Phi_{1}^{37}$
89612	1370	2184	$\frac{1}{273}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{136}{273}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{312}\ \Phi_{273}\ \Phi_{168}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{39}\ \Phi_{24}\ \Phi_{21}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_7\ \Phi_3\ \Phi_{1}^{2}$
89613	1370	2448	$\frac{1}{136}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{135}{272}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}^{2}\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}^{2}\ \Phi_9\ \Phi_3\ \Phi_{1}^{2}$
89614	1370	816	$\frac{1}{136}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{135}{272}$	$\Phi_{816}^{3}\ \Phi_{272}^{4}\ \Phi_{48}^{3}\ \Phi_{16}^{4}\ \Phi_{6}^{2}\ \Phi_3\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
89615	1370	4074	$\frac{6}{679}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{673}{1358}$	$\Phi_{4074}\ \Phi_{582}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
89616	1370	2352	$\frac{1}{98}$	$\frac{99}{784}$	$\frac{1}{3}$	$\frac{97}{196}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{336}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_6$
89617	1370	2970	$\frac{2}{135}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{133}{270}$	$\Phi_{2970}\ \Phi_{990}\ \Phi_{594}\ \Phi_{330}\ \Phi_{198}\ \Phi_{110}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
89618	1370	270	$\frac{2}{135}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{133}{270}$	$\Phi_{270}^{4}\ \Phi_{135}^{6}\ \Phi_{90}^{4}\ \Phi_{54}^{4}\ \Phi_{45}^{6}\ \Phi_{30}^{5}\ \Phi_{27}^{6}\ \Phi_{18}^{4}\ \Phi_{15}^{7}\ \Phi_{10}^{5}\ \Phi_{9}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
89619	1370	330	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{28}{165}$	$\frac{27}{55}$	$\Phi_{330}^{5}\ \Phi_{165}^{3}\ \Phi_{110}^{5}\ \Phi_{66}^{5}\ \Phi_{55}^{4}\ \Phi_{33}^{3}\ \Phi_{30}^{5}\ \Phi_{22}^{5}\ \Phi_{15}^{3}\ \Phi_{11}^{4}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
89620	1370	1344	$\frac{13}{672}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{659}{1344}$	$\Phi_{1344}^{2}\ \Phi_{448}^{2}\ \Phi_{192}^{2}\ \Phi_{64}^{2}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
89621	1370	2024	$\frac{1}{46}$	$\frac{1}{11}$	$\frac{47}{184}$	$\frac{45}{92}$	$\Phi_{2024}\ \Phi_{506}\ \Phi_{253}\ \Phi_{88}\ \Phi_{22}$
89622	1370	1332	$\frac{1}{37}$	$\frac{19}{666}$	$\frac{647}{1332}$	$\frac{18}{37}$	$\Phi_{1332}^{2}\ \Phi_{444}^{2}\ \Phi_{148}^{2}\ \Phi_{37}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
89623	1370	999	$\frac{1}{37}$	$\frac{19}{333}$	$\frac{314}{999}$	$\frac{18}{37}$	$\Phi_{999}^{2}\ \Phi_{37}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$
89624	1370	148	$\frac{1}{37}$	$\frac{11}{148}$	$\frac{19}{74}$	$\frac{18}{37}$	$\Phi_{148}^{10}\ \Phi_{74}^{8}\ \Phi_{37}^{9}\ \Phi_{4}^{10}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
89625	1370	888	$\frac{1}{37}$	$\frac{19}{222}$	$\frac{203}{888}$	$\frac{18}{37}$	$\Phi_{888}^{2}\ \Phi_{444}^{2}\ \Phi_{296}^{2}\ \Phi_{148}^{2}\ \Phi_{37}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
89626	1370	777	$\frac{1}{37}$	$\frac{92}{777}$	$\frac{19}{111}$	$\frac{18}{37}$	$\Phi_{777}^{2}\ \Phi_{259}^{2}\ \Phi_{37}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
89627	1370	264	$\frac{5}{132}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{127}{264}$	$\Phi_{264}^{10}\ \Phi_{88}^{10}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}^{10}\ \Phi_{22}\ \Phi_{8}^{10}$
89628	1370	150	$\frac{1}{25}$	$\frac{13}{150}$	$\frac{1}{6}$	$\frac{12}{25}$	$\Phi_{150}^{9}\ \Phi_{75}^{9}\ \Phi_{50}^{9}\ \Phi_{30}^{9}\ \Phi_{25}^{10}\ \Phi_{15}^{9}\ \Phi_{10}^{9}\ \Phi_{6}^{8}\ \Phi_{5}^{10}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
89629	1370	259	$\frac{2}{37}$	$\frac{15}{259}$	$\frac{7}{37}$	$\frac{122}{259}$	$\Phi_{259}^{5}\ \Phi_{37}^{7}\ \Phi_{7}^{5}\ \Phi_{1}^{8}$
89630	1370	420	$\frac{3}{140}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{105}^{5}\ \Phi_{84}^{4}\ \Phi_{60}^{5}\ \Phi_{42}^{5}\ \Phi_{30}^{5}\ \Phi_{21}^{5}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
89631	1370	3822	$\frac{1}{49}$	$\frac{48}{637}$	$\frac{1}{3}$	$\frac{589}{1274}$	$\Phi_{3822}\ \Phi_{546}\ \Phi_{294}\ \Phi_{147}\ \Phi_{78}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
89632	1370	148	$\frac{11}{148}$	$\frac{3}{37}$	$\frac{4}{37}$	$\frac{17}{37}$	$\Phi_{148}^{10}\ \Phi_{74}^{10}\ \Phi_{37}^{7}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{8}$
89633	1370	858	$\frac{6}{143}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{858}^{2}\ \Phi_{429}^{2}\ \Phi_{286}^{2}\ \Phi_{78}^{2}\ \Phi_{66}\ \Phi_{39}^{2}\ \Phi_{33}\ \Phi_{26}^{2}\ \Phi_{22}$
89634	1370	750	$\frac{1}{25}$	$\frac{12}{125}$	$\frac{1}{6}$	$\frac{113}{250}$	$\Phi_{750}^{2}\ \Phi_{375}^{2}\ \Phi_{150}^{3}\ \Phi_{125}^{2}\ \Phi_{75}^{3}\ \Phi_{50}\ \Phi_{30}^{3}\ \Phi_{25}^{2}\ \Phi_{15}^{3}\ \Phi_{10}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
89635	1370	612	$\frac{1}{68}$	$\frac{1}{9}$	$\frac{67}{204}$	$\frac{4}{9}$	$\Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{204}^{3}\ \Phi_{153}^{2}\ \Phi_{102}^{3}\ \Phi_{68}^{2}\ \Phi_{51}^{3}\ \Phi_{36}^{2}\ \Phi_{34}^{2}\ \Phi_{18}^{2}\ \Phi_{17}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
89636	1370	1260	$\frac{3}{140}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}^{2}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}^{2}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_9\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_3\ \Phi_{1}^{2}$
89637	1370	1530	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{33}{170}$	$\frac{4}{9}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{255}\ \Phi_{170}^{2}\ \Phi_{90}\ \Phi_{85}^{2}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_9\ \Phi_{5}^{2}\ \Phi_3\ \Phi_{1}^{2}$
89638	1370	144	$\frac{7}{144}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{144}^{10}\ \Phi_{72}^{9}\ \Phi_{48}^{10}\ \Phi_{36}^{9}\ \Phi_{24}^{9}\ \Phi_{18}^{9}\ \Phi_{16}^{10}\ \Phi_{12}^{9}\ \Phi_{9}^{10}\ \Phi_{8}^{8}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{3}^{10}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
89639	1370	153	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{153}^{9}\ \Phi_{51}^{9}\ \Phi_{17}^{8}\ \Phi_{9}^{10}\ \Phi_{3}^{10}\ \Phi_{1}^{10}$
89640	1370	1176	$\frac{1}{98}$	$\frac{97}{588}$	$\frac{1}{3}$	$\frac{491}{1176}$	$\Phi_{1176}^{2}\ \Phi_{392}^{2}\ \Phi_{294}\ \Phi_{168}^{2}\ \Phi_{147}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{8}^{2}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
89641	1370	1584	$\frac{7}{144}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
89642	1370	148	$\frac{2}{37}$	$\frac{11}{148}$	$\frac{7}{37}$	$\frac{15}{37}$	$\Phi_{148}^{10}\ \Phi_{74}^{10}\ \Phi_{37}^{7}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{8}$
89643	1370	2530	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{22}{115}$	$\frac{93}{230}$	$\Phi_{2530}\ \Phi_{506}\ \Phi_{253}\ \Phi_{110}\ \Phi_{22}$
89644	1370	420	$\frac{3}{140}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{2}\ \Phi_{105}^{4}\ \Phi_{84}^{4}\ \Phi_{70}^{2}\ \Phi_{60}^{4}\ \Phi_{42}^{4}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{28}^{2}\ \Phi_{21}^{4}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
89645	1370	660	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{27}{110}$	$\frac{83}{220}$	$\Phi_{660}^{4}\ \Phi_{330}\ \Phi_{220}^{2}\ \Phi_{165}\ \Phi_{132}^{4}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}^{4}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{4}^{2}$
89646	1370	552	$\frac{1}{138}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{552}^{4}\ \Phi_{184}^{4}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{24}^{3}\ \Phi_{23}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
89647	1370	728	$\frac{1}{91}$	$\frac{45}{182}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{728}^{3}\ \Phi_{182}^{2}\ \Phi_{104}^{3}\ \Phi_{91}\ \Phi_{56}^{3}\ \Phi_{26}^{2}\ \Phi_{14}^{2}\ \Phi_{13}\ \Phi_{8}^{4}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
89648	1370	280	$\frac{3}{140}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^{8}\ \Phi_{140}^{2}\ \Phi_{70}^{2}\ \Phi_{56}^{7}\ \Phi_{40}^{8}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{8}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
89649	1370	312	$\frac{1}{39}$	$\frac{19}{156}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^{7}\ \Phi_{156}^{2}\ \Phi_{104}^{7}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{26}^{2}\ \Phi_{24}^{7}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{8}^{8}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
89650	1370	1144	$\frac{6}{143}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1144}^{2}\ \Phi_{143}^{2}\ \Phi_{104}\ \Phi_{88}^{2}\ \Phi_{13}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
89651	1370	1176	$\frac{1}{21}$	$\frac{10}{147}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1176}^{2}\ \Phi_{392}^{2}\ \Phi_{168}\ \Phi_{147}^{2}\ \Phi_{56}\ \Phi_{49}^{2}\ \Phi_{24}\ \Phi_{21}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
89652	1370	882	$\frac{1}{98}$	$\frac{197}{882}$	$\frac{97}{294}$	$\frac{1}{3}$	$\Phi_{882}^{2}\ \Phi_{441}^{2}\ \Phi_{294}\ \Phi_{147}\ \Phi_{126}^{2}\ \Phi_{63}^{2}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}$
89653	1370	204	$\frac{1}{68}$	$\frac{1}{6}$	$\frac{67}{204}$	$\frac{1}{3}$	$\Phi_{204}^{7}\ \Phi_{102}^{7}\ \Phi_{68}^{6}\ \Phi_{51}^{7}\ \Phi_{34}^{6}\ \Phi_{17}^{6}\ \Phi_{12}^{7}\ \Phi_{6}^{9}\ \Phi_{4}^{6}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
89654	1370	1008	$\frac{13}{336}$	$\frac{1}{14}$	$\frac{323}{1008}$	$\frac{1}{3}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{144}^{2}\ \Phi_{126}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{42}\ \Phi_{36}^{2}\ \Phi_{21}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}$
89655	1370	714	$\frac{29}{714}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{714}^{2}\ \Phi_{357}^{2}\ \Phi_{238}^{2}\ \Phi_{119}^{2}\ \Phi_{102}^{2}\ \Phi_{51}^{2}\ \Phi_{42}\ \Phi_{34}^{2}\ \Phi_{21}\ \Phi_{17}^{2}\ \Phi_{6}$
89656	1370	420	$\frac{3}{140}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{105}^{5}\ \Phi_{84}^{5}\ \Phi_{60}^{5}\ \Phi_{42}^{5}\ \Phi_{30}^{5}\ \Phi_{21}^{3}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{2}$
89657	1370	420	$\frac{3}{140}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{4}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{70}^{4}\ \Phi_{60}^{3}\ \Phi_{42}^{3}\ \Phi_{35}^{4}\ \Phi_{30}^{3}\ \Phi_{28}^{4}\ \Phi_{21}^{3}\ \Phi_{20}^{4}\ \Phi_{15}^{3}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
89658	1370	1980	$\frac{2}{45}$	$\frac{1}{11}$	$\frac{43}{180}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
89659	1370	2688	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{211}{896}$	$\frac{1}{3}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{384}\ \Phi_{192}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
89660	1370	2184	$\frac{43}{728}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{156}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{21}\ \Phi_{6}$
89661	1370	1584	$\frac{7}{144}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
89662	1370	510	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{33}{170}$	$\frac{1}{3}$	$\Phi_{510}^{3}\ \Phi_{255}^{3}\ \Phi_{170}^{4}\ \Phi_{85}^{4}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
89663	1370	168	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{31}{168}$	$\frac{1}{3}$	$\Phi_{168}^{8}\ \Phi_{84}^{8}\ \Phi_{56}^{8}\ \Phi_{42}^{9}\ \Phi_{28}^{8}\ \Phi_{24}^{8}\ \Phi_{21}^{9}\ \Phi_{14}^{8}\ \Phi_{12}^{8}\ \Phi_{8}^{8}\ \Phi_{7}^{8}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
89664	1370	147	$\frac{10}{147}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{1}{3}$	$\Phi_{147}^{9}\ \Phi_{49}^{10}\ \Phi_{21}^{9}\ \Phi_{7}^{10}\ \Phi_{3}^{8}\ \Phi_{1}^{10}$
89665	1370	144	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{144}^{10}\ \Phi_{72}^{10}\ \Phi_{48}^{10}\ \Phi_{36}^{10}\ \Phi_{24}^{7}\ \Phi_{18}^{10}\ \Phi_{16}^{10}\ \Phi_{12}^{7}\ \Phi_{9}^{10}\ \Phi_{8}^{6}\ \Phi_{6}^{9}\ \Phi_{4}^{6}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
89666	1370	306	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{306}^{6}\ \Phi_{153}^{4}\ \Phi_{102}^{4}\ \Phi_{51}^{3}\ \Phi_{34}^{4}\ \Phi_{18}^{6}\ \Phi_{17}^{2}\ \Phi_{9}^{4}\ \Phi_{6}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{4}$
89667	1370	756	$\frac{1}{14}$	$\frac{71}{756}$	$\frac{13}{84}$	$\frac{1}{3}$	$\Phi_{756}^{2}\ \Phi_{378}^{2}\ \Phi_{252}^{2}\ \Phi_{189}^{2}\ \Phi_{126}^{2}\ \Phi_{108}^{2}\ \Phi_{63}^{2}\ \Phi_{54}^{2}\ \Phi_{42}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{21}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}$
89668	1370	1782	$\frac{2}{27}$	$\frac{1}{11}$	$\frac{25}{162}$	$\frac{1}{3}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{198}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
89669	1370	1650	$\frac{13}{150}$	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{330}\ \Phi_{275}\ \Phi_{110}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
89670	1370	2352	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{99}{784}$	$\frac{1}{3}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{294}\ \Phi_{147}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
89671	1370	810	$\frac{4}{135}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{131}{405}$	$\Phi_{810}^{3}\ \Phi_{405}^{2}\ \Phi_{162}^{3}\ \Phi_{81}^{2}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
89672	1370	198	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{61}{198}$	$\Phi_{198}^{10}\ \Phi_{99}^{10}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}^{10}\ \Phi_{9}^{10}$
89673	1370	594	$\frac{23}{297}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{594}^{3}\ \Phi_{297}^{2}\ \Phi_{198}^{3}\ \Phi_{99}^{2}\ \Phi_{66}\ \Phi_{54}^{3}\ \Phi_{33}\ \Phi_{27}^{2}\ \Phi_{22}\ \Phi_{18}^{3}\ \Phi_{9}^{2}$
89674	1370	750	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{24}{125}$	$\frac{101}{375}$	$\Phi_{750}^{2}\ \Phi_{375}\ \Phi_{250}^{2}\ \Phi_{150}^{3}\ \Phi_{125}^{2}\ \Phi_{75}^{2}\ \Phi_{50}^{3}\ \Phi_{30}^{3}\ \Phi_{25}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
89675	1370	570	$\frac{11}{285}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{570}^3\ \Phi_{285}^2\ \Phi_{190}^3\ \Phi_{114}^3\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{30}\ \Phi_{19}^2\ \Phi_{15}\ \Phi_{10}$
89676	1370	180	$\frac{2}{45}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{43}{180}$	$\Phi_{180}^{10}\ \Phi_{90}^4\ \Phi_{60}^{10}\ \Phi_{45}^6\ \Phi_{36}^{10}\ \Phi_{30}^5\ \Phi_{20}^{10}\ \Phi_{18}^4\ \Phi_{15}^7\ \Phi_{12}^{10}\ \Phi_{10}^5\ \Phi_9^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^{10}\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
89677	1370	462	$\frac{1}{11}$	$\frac{17}{154}$	$\frac{1}{6}$	$\frac{5}{22}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}\ \Phi_{42}^4\ \Phi_{33}\ \Phi_{22}\ \Phi_{21}^4\ \Phi_{14}^2\ \Phi_7^2$
89678	1370	528	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{6}$	$\frac{39}{176}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{48}^4\ \Phi_{33}\ \Phi_{24}^4\ \Phi_{22}\ \Phi_{16}^2\ \Phi_8^2$
89679	1370	150	$\frac{13}{150}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{150}^{10}\ \Phi_{75}^{10}\ \Phi_{50}^{10}\ \Phi_{30}^5\ \Phi_{25}^{10}\ \Phi_{15}^7\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^6\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
89680	1370	630	$\frac{4}{45}$	$\frac{41}{315}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{630}^3\ \Phi_{315}^2\ \Phi_{210}^3\ \Phi_{126}^3\ \Phi_{105}^2\ \Phi_{70}^3\ \Phi_{63}^2\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}^3\ \Phi_{10}\ \Phi_7^2$
89681	1370	330	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{6}$	$\frac{28}{165}$	$\Phi_{330}^6\ \Phi_{165}^4\ \Phi_{110}^6\ \Phi_{66}\ \Phi_{55}^4\ \Phi_{33}\ \Phi_{30}^6\ \Phi_{22}\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_5^4$
89682	1371	2192	$\frac{1}{274}$	$\frac{275}{1096}$	$\frac{821}{2192}$	$\frac{273}{548}$	$\Phi_{2192}\ \Phi_{548}\ \Phi_{16}\ \Phi_4\ \Phi_1$
89683	1371	2720	$\frac{11}{1360}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1349}{2720}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{160}\ \Phi_{32}\ \Phi_{20}\ \Phi_4\ \Phi_1$
89684	1371	550	$\frac{4}{275}$	$\frac{93}{550}$	$\frac{1}{5}$	$\frac{271}{550}$	$\Phi_{550}^2\ \Phi_{275}^3\ \Phi_{110}^2\ \Phi_{55}^3\ \Phi_{50}^2\ \Phi_{25}^3\ \Phi_{22}^2\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
89685	1371	900	$\frac{7}{450}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{443}{900}$	$\Phi_{900}^3\ \Phi_{300}^3\ \Phi_{180}^3\ \Phi_{100}^3\ \Phi_{60}^3\ \Phi_{36}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
89686	1371	900	$\frac{7}{450}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{443}{900}$	$\Phi_{900}^3\ \Phi_{300}^3\ \Phi_{180}^3\ \Phi_{100}^3\ \Phi_{60}^3\ \Phi_{36}^3\ \Phi_{25}\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1$
89687	1371	1840	$\frac{9}{460}$	$\frac{1}{10}$	$\frac{469}{1840}$	$\frac{451}{920}$	$\Phi_{1840}\ \Phi_{460}\ \Phi_{368}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}\ \Phi_{80}\ \Phi_{46}\ \Phi_{23}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
89688	1371	500	$\frac{4}{125}$	$\frac{43}{500}$	$\frac{1}{5}$	$\frac{121}{250}$	$\Phi_{500}^3\ \Phi_{250}^2\ \Phi_{125}^3\ \Phi_{100}^3\ \Phi_{50}^2\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
89689	1371	880	$\frac{17}{440}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{423}{880}$	$\Phi_{880}^3\ \Phi_{176}^3\ \Phi_{80}^3\ \Phi_{55}\ \Phi_{16}^3\ \Phi_{11}\ \Phi_1$
89690	1371	880	$\frac{17}{440}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{423}{880}$	$\Phi_{880}^3\ \Phi_{176}^3\ \Phi_{80}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
89691	1371	1430	$\frac{59}{1430}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{1430}\ \Phi_{715}\ \Phi_{286}\ \Phi_{143}\ \Phi_{130}\ \Phi_{65}\ \Phi_{55}\ \Phi_{26}\ \Phi_{13}\ \Phi_{11}\ \Phi_1$
89692	1371	2500	$\frac{4}{125}$	$\frac{121}{1250}$	$\frac{1}{5}$	$\frac{1129}{2500}$	$\Phi_{2500}\ \Phi_{500}\ \Phi_{125}\ \Phi_{100}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
89693	1371	680	$\frac{11}{680}$	$\frac{1}{10}$	$\frac{223}{680}$	$\frac{9}{20}$	$\Phi_{680}^2\ \Phi_{340}^2\ \Phi_{170}^2\ \Phi_{136}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{40}^2\ \Phi_{34}^2\ \Phi_{20}^3\ \Phi_{17}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
89694	1371	1400	$\frac{29}{1400}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{56}\ \Phi_{50}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
89695	1371	1700	$\frac{11}{340}$	$\frac{1}{10}$	$\frac{329}{1700}$	$\frac{9}{20}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{425}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
89696	1371	480	$\frac{23}{480}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^2\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
89697	1371	480	$\frac{23}{480}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
89698	1371	1400	$\frac{29}{1400}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
89699	1371	2300	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{221}{1150}$	$\frac{929}{2300}$	$\Phi_{2300}\ \Phi_{460}\ \Phi_{230}\ \Phi_{115}\ \Phi_{100}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_{20}\ \Phi_4\ \Phi_1$
89700	1371	2200	$\frac{4}{275}$	$\frac{1}{5}$	$\frac{271}{1100}$	$\frac{829}{2200}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{275}\ \Phi_{200}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}\ \Phi_{25}\ \Phi_{11}\ \Phi_8\ \Phi_1$
89701	1371	675	$\frac{7}{225}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{218}{675}$	$\Phi_{675}^3\ \Phi_{135}^3\ \Phi_{27}^3\ \Phi_{25}\ \Phi_1$
89702	1371	495	$\frac{4}{55}$	$\frac{38}{495}$	$\frac{1}{5}$	$\frac{17}{55}$	$\Phi_{495}^3\ \Phi_{165}^3\ \Phi_{99}^3\ \Phi_{55}\ \Phi_{45}^3\ \Phi_{33}^3\ \Phi_{15}^3\ \Phi_{11}\ \Phi_9^3\ \Phi_3^3\ \Phi_1$
89703	1371	660	$\frac{4}{55}$	$\frac{17}{220}$	$\frac{1}{5}$	$\frac{203}{660}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{60}^3\ \Phi_{55}\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{11}\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
89704	1371	660	$\frac{17}{220}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{203}{660}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{60}^3\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
89705	1371	600	$\frac{7}{150}$	$\frac{1}{10}$	$\frac{143}{600}$	$\frac{3}{10}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{120}^3\ \Phi_{100}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
89706	1371	480	$\frac{23}{480}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
89707	1371	540	$\frac{7}{90}$	$\frac{1}{10}$	$\frac{83}{540}$	$\frac{3}{10}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{60}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
89708	1371	500	$\frac{43}{500}$	$\frac{1}{10}$	$\frac{7}{50}$	$\frac{3}{10}$	$\Phi_{500}^3\ \Phi_{250}^3\ \Phi_{125}^3\ \Phi_{100}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
89709	1371	475	$\frac{18}{475}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{475}^3\ \Phi_{95}^3\ \Phi_{25}\ \Phi_{19}^3\ \Phi_1$
89710	1371	625	$\frac{4}{125}$	$\frac{121}{625}$	$\frac{1}{5}$	$\frac{168}{625}$	$\Phi_{625}^2\ \Phi_{125}^3\ \Phi_{25}^3\ \Phi_5^2\ \Phi_1^3$
89711	1371	600	$\frac{7}{150}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{143}{600}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{120}^3\ \Phi_{100}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{25}\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_4^3\ \Phi_1$
89712	1371	1540	$\frac{4}{55}$	$\frac{169}{1540}$	$\frac{1}{5}$	$\frac{51}{220}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{154}\ \Phi_{140}\ \Phi_{77}\ \Phi_{70}\ \Phi_{55}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_1$
89713	1371	1760	$\frac{4}{55}$	$\frac{51}{440}$	$\frac{1}{5}$	$\frac{389}{1760}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}\ \Phi_{80}\ \Phi_{55}\ \Phi_{32}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
89714	1371	550	$\frac{4}{55}$	$\frac{17}{110}$	$\frac{93}{550}$	$\frac{1}{5}$	$\Phi_{550}^3\ \Phi_{275}^3\ \Phi_{55}\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{11}\ \Phi_1$
89715	1371	500	$\frac{43}{500}$	$\frac{7}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{500}^3\ \Phi_{250}^3\ \Phi_{125}^3\ \Phi_{100}^3\ \Phi_{25}\ \Phi_{20}^3\ \Phi_4^3\ \Phi_1$
89716	1371	525	$\frac{7}{75}$	$\frac{68}{525}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{525}^3\ \Phi_{175}^3\ \Phi_{105}^3\ \Phi_{35}^3\ \Phi_{25}\ \Phi_{21}^3\ \Phi_7^3\ \Phi_1$
89717	1372	684	$\frac{1}{342}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{341}{684}$	$\Phi_{684}^4\ \Phi_{228}^4\ \Phi_{76}^4\ \Phi_{36}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
89718	1372	1374	$\frac{1}{229}$	$\frac{115}{458}$	$\frac{1}{3}$	$\frac{114}{229}$	$\Phi_{1374}^2\ \Phi_{687}\ \Phi_6^2$
89719	1372	780	$\frac{1}{195}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{97}{195}$	$\Phi_{780}^3\ \Phi_{260}^3\ \Phi_{195}\ \Phi_{156}^3\ \Phi_{65}\ \Phi_{60}^3\ \Phi_{52}^3\ \Phi_{39}\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
89720	1372	585	$\frac{1}{195}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{97}{195}$	$\Phi_{585}^3\ \Phi_{195}\ \Phi_{117}^3\ \Phi_{65}\ \Phi_{45}^3\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_9^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
89721	1372	680	$\frac{3}{340}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{337}{680}$	$\Phi_{680}^4\ \Phi_{136}^4\ \Phi_{40}^4\ \Phi_{20}\ \Phi_{10}\ \Phi_8^4$
89722	1372	1261	$\frac{1}{97}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{48}{97}$	$\Phi_{1261}\ \Phi_{97}^2\ \Phi_{13}^2\ \Phi_1^4$
89723	1372	2328	$\frac{1}{97}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{48}{97}$	$\Phi_{2328}\ \Phi_{1164}\ \Phi_{582}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
89724	1372	457	$\frac{5}{457}$	$\frac{33}{457}$	$\frac{212}{457}$	$\frac{226}{457}$	$\Phi_{457}^3\ \Phi_1^4$
89725	1372	1576	$\frac{3}{197}$	$\frac{1}{8}$	$\frac{50}{197}$	$\frac{97}{197}$	$\Phi_{1576}\ \Phi_{788}\ \Phi_{394}$
89726	1372	1371	$\frac{25}{1371}$	$\frac{146}{1371}$	$\frac{349}{1371}$	$\frac{673}{1371}$	$\Phi_{1371}\ \Phi_{457}\ \Phi_3\ \Phi_1^2$
89727	1372	687	$\frac{13}{687}$	$\frac{50}{687}$	$\frac{1}{3}$	$\frac{337}{687}$	$\Phi_{687}^2\ \Phi_{229}^2\ \Phi_3\ \Phi_1^2$
89728	1372	864	$\frac{1}{48}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{47}{96}$	$\Phi_{864}^3\ \Phi_{288}^3\ \Phi_{96}^4\ \Phi_{32}^4\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
89729	1372	480	$\frac{1}{48}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{480}^6\ \Phi_{160}^6\ \Phi_{96}^4\ \Phi_{32}^4\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
89730	1372	288	$\frac{1}{48}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{47}{96}$	$\Phi_{288}^9\ \Phi_{96}^{10}\ \Phi_{32}^{10}\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
89731	1372	480	$\frac{1}{48}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{47}{96}$	$\Phi_{480}^7\ \Phi_{160}^7\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
89732	1372	330	$\frac{1}{33}$	$\frac{1}{15}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{330}^6\ \Phi_{165}^3\ \Phi_{110}^6\ \Phi_{66}^4\ \Phi_{55}^3\ \Phi_{33}^2\ \Phi_{30}^6\ \Phi_{22}^4\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{10}^6\ \Phi_6^4\ \Phi_5^2\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
89733	1372	459	$\frac{1}{27}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{459}^3\ \Phi_{153}^3\ \Phi_{51}^4\ \Phi_{27}\ \Phi_{17}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
89734	1372	216	$\frac{1}{27}$	$\frac{1}{24}$	$\frac{23}{72}$	$\frac{13}{27}$	$\Phi_{216}^6\ \Phi_{108}^6\ \Phi_{72}^7\ \Phi_{54}^6\ \Phi_{36}^7\ \Phi_{27}^7\ \Phi_{24}^6\ \Phi_{18}^7\ \Phi_{12}^6\ \Phi_9^8\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
89735	1372	1404	$\frac{1}{27}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{27}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
89736	1372	1728	$\frac{1}{27}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{13}{27}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
89737	1372	540	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{13}{27}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{90}^3\ \Phi_{60}^4\ \Phi_{45}^3\ \Phi_{30}^4\ \Phi_{27}\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
89738	1372	54	$\frac{1}{27}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{13}{27}$	$\Phi_{54}^{25}\ \Phi_{27}^{26}\ \Phi_{18}^{25}\ \Phi_9^{26}\ \Phi_6^{24}\ \Phi_3^{25}\ \Phi_2^{24}\ \Phi_1^{26}$
89739	1372	216	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{13}{27}$	$\Phi_{216}^6\ \Phi_{108}^6\ \Phi_{72}^6\ \Phi_{54}^6\ \Phi_{36}^6\ \Phi_{27}^7\ \Phi_{24}^6\ \Phi_{18}^6\ \Phi_{12}^6\ \Phi_9^7\ \Phi_8^{12}\ \Phi_6^6\ \Phi_4^{12}\ \Phi_3^7\ \Phi_2^{12}\ \Phi_1^{14}$
89740	1372	1371	$\frac{85}{1371}$	$\frac{104}{1371}$	$\frac{181}{1371}$	$\frac{643}{1371}$	$\Phi_{1371}\ \Phi_{457}\ \Phi_3\ \Phi_1^2$
89741	1372	1576	$\frac{13}{197}$	$\frac{15}{197}$	$\frac{1}{8}$	$\frac{92}{197}$	$\Phi_{1576}\ \Phi_{788}\ \Phi_{394}$
89742	1372	1950	$\frac{1}{50}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{390}\ \Phi_{195}\ \Phi_{150}^2\ \Phi_{78}\ \Phi_{75}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
89743	1372	1261	$\frac{6}{97}$	$\frac{1}{13}$	$\frac{13}{97}$	$\frac{6}{13}$	$\Phi_{1261}\ \Phi_{97}^2\ \Phi_{13}^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
89744	1372	1560	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{6}{13}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{156}\ \Phi_{130}\ \Phi_{120}^2\ \Phi_{78}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2$
89745	1372	2610	$\frac{1}{29}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{2610}\ \Phi_{870}\ \Phi_{522}\ \Phi_{290}\ \Phi_{174}\ \Phi_{145}\ \Phi_{58}$
89746	1372	90	$\frac{1}{15}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{90}$	$\Phi_{90}^{28}\ \Phi_{45}^3\ \Phi_{30}^{28}\ \Phi_{18}^{28}\ \Phi_{15}^2\ \Phi_{10}^{28}\ \Phi_9^2\ \Phi_6^{28}\ \Phi_5^2\ \Phi_3\ \Phi_2^{28}\ \Phi_1^2$
89747	1372	165	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{5}{11}$	$\Phi_{165}^9\ \Phi_{55}^7\ \Phi_{33}^9\ \Phi_{15}^8\ \Phi_{11}^8\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
89748	1372	1740	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{348}\ \Phi_{290}\ \Phi_{174}\ \Phi_{145}\ \Phi_{87}\ \Phi_{58}$
89749	1372	1450	$\frac{1}{50}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{1450}\ \Phi_{725}\ \Phi_{290}\ \Phi_{145}\ \Phi_{58}$
89750	1372	270	$\frac{1}{15}$	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{270}^6\ \Phi_{135}^6\ \Phi_{90}^6\ \Phi_{54}^4\ \Phi_{45}^3\ \Phi_{30}^6\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_{10}^6\ \Phi_9^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
89751	1372	1320	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{88}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{165}\ \Phi_{120}^2\ \Phi_{55}\ \Phi_{40}^2\ \Phi_{33}\ \Phi_{24}^2$
89752	1372	1371	$\frac{55}{1371}$	$\frac{169}{1371}$	$\frac{188}{1371}$	$\frac{601}{1371}$	$\Phi_{1371}\ \Phi_{457}\ \Phi_3\ \Phi_1^2$
89753	1372	1760	$\frac{9}{352}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
89754	1372	495	$\frac{1}{15}$	$\frac{8}{99}$	$\frac{13}{99}$	$\frac{43}{99}$	$\Phi_{495}^3\ \Phi_{165}^3\ \Phi_{99}^2\ \Phi_{55}^3\ \Phi_{45}^3\ \Phi_{33}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
89755	1372	457	$\frac{30}{457}$	$\frac{37}{457}$	$\frac{61}{457}$	$\frac{198}{457}$	$\Phi_{457}^3\ \Phi_1^4$
89756	1372	1576	$\frac{8}{197}$	$\frac{1}{8}$	$\frac{27}{197}$	$\frac{85}{197}$	$\Phi_{1576}\ \Phi_{788}\ \Phi_{394}$
89757	1372	430	$\frac{1}{43}$	$\frac{6}{43}$	$\frac{1}{5}$	$\frac{37}{86}$	$\Phi_{430}^7\ \Phi_{215}\ \Phi_{10}^7$
89758	1372	1371	$\frac{20}{1371}$	$\frac{193}{1371}$	$\frac{391}{1371}$	$\frac{589}{1371}$	$\Phi_{1371}\ \Phi_{457}\ \Phi_3\ \Phi_1^2$
89759	1372	687	$\frac{8}{687}$	$\frac{97}{687}$	$\frac{1}{3}$	$\frac{295}{687}$	$\Phi_{687}^2\ \Phi_{229}^2\ \Phi_3\ \Phi_1^2$
89760	1372	396	$\frac{1}{99}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{396}^6\ \Phi_{132}^6\ \Phi_{99}^2\ \Phi_{44}^6\ \Phi_{36}^6\ \Phi_{33}^2\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_9^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
89761	1372	780	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{16}{65}$	$\frac{5}{12}$	$\Phi_{780}^3\ \Phi_{260}^3\ \Phi_{156}^3\ \Phi_{65}^3\ \Phi_{60}^3\ \Phi_{52}^3\ \Phi_{20}^3\ \Phi_{13}^3\ \Phi_{12}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
89762	1372	300	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{300}^8\ \Phi_{100}^8\ \Phi_{60}^7\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{20}^7\ \Phi_{12}^8\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^8\ \Phi_2^4\ \Phi_1^4$
89763	1372	468	$\frac{1}{39}$	$\frac{19}{117}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{468}^6\ \Phi_{156}^3\ \Phi_{117}^2\ \Phi_{52}^3\ \Phi_{39}\ \Phi_{36}^6\ \Phi_{13}\ \Phi_{12}^4\ \Phi_9^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
89764	1372	780	$\frac{2}{65}$	$\frac{9}{65}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{780}^3\ \Phi_{260}^3\ \Phi_{156}^3\ \Phi_{65}^3\ \Phi_{60}^3\ \Phi_{52}^3\ \Phi_{20}^3\ \Phi_{13}^3\ \Phi_{12}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
89765	1372	696	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{696}^2\ \Phi_{348}\ \Phi_{232}^3\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}^2\ \Phi_{58}^3\ \Phi_{29}^2$
89766	1372	156	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{156}^7\ \Phi_{78}^8\ \Phi_{52}^{11}\ \Phi_{39}^8\ \Phi_{26}^{12}\ \Phi_{13}^{11}\ \Phi_{12}^8\ \Phi_6^8\ \Phi_4^{12}\ \Phi_3^8\ \Phi_2^{12}\ \Phi_1^{12}$
89767	1372	60	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{60}^{39}\ \Phi_{20}^{39}\ \Phi_{15}^{13}\ \Phi_{12}^{40}\ \Phi_5^{13}\ \Phi_4^{40}\ \Phi_3^{13}\ \Phi_1^{14}$
89768	1372	990	$\frac{1}{99}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{990}^2\ \Phi_{495}\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_6^2$
89769	1372	2320	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{2320}\ \Phi_{464}\ \Phi_{290}\ \Phi_{145}\ \Phi_{58}$
89770	1372	2580	$\frac{1}{86}$	$\frac{1}{5}$	$\frac{85}{258}$	$\frac{173}{516}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{430}\ \Phi_{215}\ \Phi_{60}\ \Phi_{20}\ \Phi_{10}$
89771	1372	345	$\frac{2}{345}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{345}^4\ \Phi_{115}^4\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
89772	1372	513	$\frac{1}{171}$	$\frac{170}{513}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{513}^4\ \Phi_{27}^4\ \Phi_3\ \Phi_1^2$
89773	1372	456	$\frac{1}{114}$	$\frac{113}{456}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{456}^4\ \Phi_{228}^4\ \Phi_{152}^4\ \Phi_{76}^4\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
89774	1372	99	$\frac{1}{99}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{99}^{14}\ \Phi_{33}^{14}\ \Phi_{11}^{14}\ \Phi_9^{12}\ \Phi_3^{13}\ \Phi_1^{14}$
89775	1372	855	$\frac{2}{171}$	$\frac{169}{855}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{95}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
89776	1372	348	$\frac{5}{348}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{348}^4\ \Phi_{174}^4\ \Phi_{116}^4\ \Phi_{87}^4\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
89777	1372	57	$\frac{1}{57}$	$\frac{8}{57}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{57}^{24}\ \Phi_{19}^{24}\ \Phi_3^{25}\ \Phi_1^{26}$
89778	1372	600	$\frac{1}{50}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^4\ \Phi_{150}\ \Phi_{120}^2\ \Phi_{100}^4\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{40}^4\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{24}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
89779	1372	351	$\frac{8}{351}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{351}^4\ \Phi_{117}^4\ \Phi_{39}^4\ \Phi_{27}^4\ \Phi_{13}^4\ \Phi_3\ \Phi_1^2$
89780	1372	1140	$\frac{1}{38}$	$\frac{37}{380}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}^2\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
89781	1372	741	$\frac{2}{57}$	$\frac{55}{741}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{741}^2\ \Phi_{247}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
89782	1372	255	$\frac{2}{51}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{255}^6\ \Phi_{85}^6\ \Phi_{51}^4\ \Phi_{17}^4\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
89783	1372	360	$\frac{17}{360}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
89784	1372	1083	$\frac{18}{361}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1083}\ \Phi_{361}^2\ \Phi_3\ \Phi_1^2$
89785	1372	585	$\frac{2}{195}$	$\frac{2}{9}$	$\frac{193}{585}$	$\frac{1}{3}$	$\Phi_{585}^2\ \Phi_{195}^3\ \Phi_{117}^2\ \Phi_{65}^3\ \Phi_{45}^2\ \Phi_{39}^3\ \Phi_{15}^3\ \Phi_{13}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
89786	1372	360	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{90}^6\ \Phi_{72}^4\ \Phi_{45}^6\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
89787	1372	780	$\frac{3}{52}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}\ \Phi_{130}^2\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
89788	1372	585	$\frac{1}{65}$	$\frac{2}{9}$	$\frac{16}{65}$	$\frac{1}{3}$	$\Phi_{585}^3\ \Phi_{117}^3\ \Phi_{65}^3\ \Phi_{45}^3\ \Phi_{13}^3\ \Phi_9^4\ \Phi_5^3\ \Phi_1^4$
89789	1372	960	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{192}\ \Phi_{160}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
89790	1372	450	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{90}^4\ \Phi_{50}^4\ \Phi_{45}^3\ \Phi_{25}^4\ \Phi_{18}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
89791	1372	117	$\frac{1}{39}$	$\frac{19}{117}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{117}^{11}\ \Phi_{39}^{13}\ \Phi_{13}^{13}\ \Phi_9^{12}\ \Phi_3^{13}\ \Phi_1^{14}$
89792	1372	585	$\frac{2}{65}$	$\frac{9}{65}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{585}^3\ \Phi_{117}^3\ \Phi_{65}^3\ \Phi_{45}^3\ \Phi_{13}^3\ \Phi_9^4\ \Phi_5^3\ \Phi_1^4$
89793	1372	2088	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{522}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}$
89794	1372	153	$\frac{2}{51}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{153}^9\ \Phi_{51}^{10}\ \Phi_{17}^{10}\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
89795	1372	468	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{117}^3\ \Phi_{52}^4\ \Phi_{36}^4\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}^3\ \Phi_9^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
89796	1372	45	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{45}^{39}\ \Phi_{15}^{13}\ \Phi_9^{40}\ \Phi_5^{13}\ \Phi_3^{13}\ \Phi_1^{14}$
89797	1372	2040	$\frac{2}{51}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{340}\ \Phi_{170}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
89798	1372	60	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{60}^{22}\ \Phi_{30}^{22}\ \Phi_{20}^{22}\ \Phi_{15}^{24}\ \Phi_{12}^{24}\ \Phi_{10}^{22}\ \Phi_6^{24}\ \Phi_5^{24}\ \Phi_4^{24}\ \Phi_3^{25}\ \Phi_2^{24}\ \Phi_1^{26}$
89799	1372	270	$\frac{1}{15}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{270}^6\ \Phi_{135}^6\ \Phi_{90}^6\ \Phi_{54}^4\ \Phi_{45}^6\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
89800	1372	2328	$\frac{6}{97}$	$\frac{1}{8}$	$\frac{13}{97}$	$\frac{1}{3}$	$\Phi_{2328}\ \Phi_{1164}\ \Phi_{582}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
89801	1372	687	$\frac{43}{687}$	$\frac{85}{687}$	$\frac{92}{687}$	$\frac{1}{3}$	$\Phi_{687}^2\ \Phi_{229}^2\ \Phi_3\ \Phi_1^2$
89802	1372	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^{12}\ \Phi_{30}^{12}\ \Phi_{24}^6\ \Phi_{20}^{12}\ \Phi_{15}^{14}\ \Phi_{12}^6\ \Phi_{10}^{12}\ \Phi_8^{12}\ \Phi_6^6\ \Phi_5^{14}\ \Phi_4^{12}\ \Phi_3^7\ \Phi_2^{12}\ \Phi_1^{14}$
89803	1372	72	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{23}{72}$	$\Phi_{72}^{19}\ \Phi_{36}^{19}\ \Phi_{24}^{18}\ \Phi_{18}^{19}\ \Phi_{12}^{18}\ \Phi_9^{22}\ \Phi_8^{18}\ \Phi_6^{18}\ \Phi_4^{18}\ \Phi_3^{21}\ \Phi_2^{18}\ \Phi_1^{22}$
89804	1372	360	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{23}{72}$	$\Phi_{360}^7\ \Phi_{180}^7\ \Phi_{90}^7\ \Phi_{45}^7\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
89805	1372	360	$\frac{17}{360}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^3\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^3\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
89806	1372	135	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{135}$	$\Phi_{135}^{14}\ \Phi_{45}^3\ \Phi_{27}^{14}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
89807	1372	352	$\frac{9}{352}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{352}^4\ \Phi_{176}^4\ \Phi_{88}^4\ \Phi_{44}^3\ \Phi_{32}^4\ \Phi_{22}^3\ \Phi_{16}^4\ \Phi_{11}^4\ \Phi_8^4\ \Phi_4^2\ \Phi_2^2\ \Phi_1^4$
89808	1372	1740	$\frac{1}{29}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{348}\ \Phi_{290}\ \Phi_{174}\ \Phi_{145}\ \Phi_{116}\ \Phi_{58}$
89809	1372	330	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{330}^4\ \Phi_{165}^5\ \Phi_{110}^4\ \Phi_{66}^2\ \Phi_{55}^5\ \Phi_{33}^3\ \Phi_{30}^4\ \Phi_{22}^4\ \Phi_{15}^4\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
89810	1372	457	$\frac{9}{457}$	$\frac{112}{457}$	$\frac{114}{457}$	$\frac{115}{457}$	$\Phi_{457}^3\ \Phi_1^4$
89811	1372	468	$\frac{3}{52}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{156}^3\ \Phi_{117}^3\ \Phi_{78}^3\ \Phi_{52}^4\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
89812	1372	2040	$\frac{3}{68}$	$\frac{65}{408}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{255}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
89813	1372	360	$\frac{17}{360}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_3^4$
89814	1372	520	$\frac{3}{52}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{520}^4\ \Phi_{260}^3\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
89815	1372	576	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{15}{64}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^4\ \Phi_{32}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
89816	1372	320	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{15}{64}$	$\Phi_{320}^7\ \Phi_{160}^7\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
89817	1372	180	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{60}$	$\frac{2}{9}$	$\Phi_{180}^{9}\ \Phi_{90}^{9}\ \Phi_{60}^{10}\ \Phi_{45}^{9}\ \Phi_{30}^{10}\ \Phi_{20}^{10}\ \Phi_{15}^{10}\ \Phi_{10}^{10}\ \Phi_{9}^{3}\ \Phi_{5}^{10}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
89818	1372	54	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{2}{9}$	$\Phi_{54}^{28}\ \Phi_{27}^{28}\ \Phi_{18}^{19}\ \Phi_{9}^{22}\ \Phi_{6}^{18}\ \Phi_{3}^{21}\ \Phi_{2}^{18}\ \Phi_{1}^{22}$
89819	1372	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{2}{9}$	$\Phi_{72}^{18}\ \Phi_{36}^{18}\ \Phi_{24}^{18}\ \Phi_{18}^{18}\ \Phi_{12}^{18}\ \Phi_{9}^{21}\ \Phi_{8}^{24}\ \Phi_{6}^{18}\ \Phi_{4}^{24}\ \Phi_{3}^{21}\ \Phi_{2}^{24}\ \Phi_{1}^{28}$
89820	1372	457	$\frac{51}{457}$	$\frac{57}{457}$	$\frac{58}{457}$	$\frac{100}{457}$	$\Phi_{457}^{3}\ \Phi_{1}^{4}$
89821	1372	1576	$\frac{22}{197}$	$\frac{1}{8}$	$\frac{25}{197}$	$\frac{43}{197}$	$\Phi_{1576}\ \Phi_{788}\ \Phi_{394}$
89822	1372	120	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{60}$	$\frac{1}{5}$	$\Phi_{120}^{12}\ \Phi_{60}^{9}\ \Phi_{40}^{13}\ \Phi_{30}^{9}\ \Phi_{24}^{16}\ \Phi_{20}^{10}\ \Phi_{15}^{9}\ \Phi_{12}^{12}\ \Phi_{10}^{10}\ \Phi_{8}^{16}\ \Phi_{6}^{12}\ \Phi_{5}^{9}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
89823	1372	1080	$\frac{5}{54}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{270}\ \Phi_{180}^{2}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
89824	1372	1920	$\frac{41}{384}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{5}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{160}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
89825	1372	40	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{5}$	$\Phi_{40}^{43}\ \Phi_{20}^{43}\ \Phi_{10}^{43}\ \Phi_{5}^{42}$
89826	1373	2736	$\frac{5}{1368}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1363}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
89827	1373	2352	$\frac{1}{196}$	$\frac{197}{1176}$	$\frac{979}{2352}$	$\frac{195}{392}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{392}\ \Phi_{336}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
89828	1373	2720	$\frac{13}{1360}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1347}{2720}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{160}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
89829	1373	2688	$\frac{29}{1344}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{1315}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{128}\ \Phi_{56}\ \Phi_{8}\ \Phi_{1}$
89830	1373	2688	$\frac{29}{1344}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1315}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{128}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
89831	1373	2688	$\frac{29}{1344}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1315}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
89832	1373	1848	$\frac{13}{462}$	$\frac{1}{14}$	$\frac{475}{1848}$	$\frac{449}{924}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{66}\ \Phi_{56}\ \Phi_{42}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{21}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
89833	1373	2016	$\frac{1}{28}$	$\frac{29}{672}$	$\frac{643}{2016}$	$\frac{27}{56}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
89834	1373	1456	$\frac{1}{28}$	$\frac{83}{1456}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{208}\ \Phi_{182}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
89835	1373	1792	$\frac{1}{28}$	$\frac{29}{448}$	$\frac{419}{1792}$	$\frac{27}{56}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{256}\ \Phi_{128}\ \Phi_{56}\ \Phi_{8}\ \Phi_{1}$
89836	1373	1680	$\frac{1}{28}$	$\frac{29}{336}$	$\frac{307}{1680}$	$\frac{27}{56}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
89837	1373	1512	$\frac{1}{28}$	$\frac{139}{1512}$	$\frac{29}{168}$	$\frac{27}{56}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
89838	1373	1568	$\frac{1}{28}$	$\frac{195}{1568}$	$\frac{29}{224}$	$\frac{27}{56}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{8}\ \Phi_{1}$
89839	1373	1540	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{167}{1540}$	$\frac{141}{308}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{220}\ \Phi_{154}\ \Phi_{140}\ \Phi_{110}\ \Phi_{77}\ \Phi_{70}\ \Phi_{55}\ \Phi_{35}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
89840	1373	2520	$\frac{1}{28}$	$\frac{113}{1260}$	$\frac{27}{140}$	$\frac{1147}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{72}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
89841	1373	2520	$\frac{1}{14}$	$\frac{113}{1260}$	$\frac{13}{126}$	$\frac{1147}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{126}\ \Phi_{120}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
89842	1373	1408	$\frac{35}{1408}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{128}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
89843	1373	1680	$\frac{1}{28}$	$\frac{27}{280}$	$\frac{307}{1680}$	$\frac{253}{560}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
89844	1373	1512	$\frac{1}{14}$	$\frac{139}{1512}$	$\frac{13}{126}$	$\frac{113}{252}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
89845	1373	2464	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{141}{1232}$	$\frac{1091}{2464}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{224}\ \Phi_{154}\ \Phi_{77}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
89846	1373	2408	$\frac{3}{172}$	$\frac{169}{1204}$	$\frac{1}{4}$	$\frac{1035}{2408}$	$\Phi_{2408}\ \Phi_{344}\ \Phi_{172}\ \Phi_{86}\ \Phi_{56}\ \Phi_{43}\ \Phi_{8}\ \Phi_{1}$
89847	1373	2352	$\frac{1}{98}$	$\frac{197}{1176}$	$\frac{97}{294}$	$\frac{979}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{294}\ \Phi_{147}\ \Phi_{112}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
89848	1373	1960	$\frac{1}{98}$	$\frac{97}{490}$	$\frac{587}{1960}$	$\frac{393}{980}$	$\Phi_{1960}\ \Phi_{490}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
89849	1373	2240	$\frac{1}{28}$	$\frac{27}{280}$	$\frac{253}{1120}$	$\frac{867}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{64}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
89850	1373	1824	$\frac{5}{456}$	$\frac{451}{1824}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{304}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
89851	1373	1392	$\frac{19}{1392}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}\ \Phi_{48}\ \Phi_{29}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
89852	1373	1520	$\frac{5}{152}$	$\frac{147}{1520}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{304}\ \Phi_{190}\ \Phi_{95}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
89853	1373	1440	$\frac{67}{1440}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
89854	1373	1428	$\frac{55}{1428}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{238}\ \Phi_{204}\ \Phi_{119}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{42}\ \Phi_{34}\ \Phi_{21}\ \Phi_{17}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
89855	1373	1764	$\frac{1}{98}$	$\frac{391}{1764}$	$\frac{97}{294}$	$\frac{197}{588}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{441}\ \Phi_{294}\ \Phi_{252}\ \Phi_{147}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
89856	1373	2064	$\frac{3}{344}$	$\frac{1}{4}$	$\frac{341}{1032}$	$\frac{691}{2064}$	$\Phi_{2064}\ \Phi_{688}\ \Phi_{344}\ \Phi_{172}\ \Phi_{86}\ \Phi_{48}\ \Phi_{43}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
89857	1373	2016	$\frac{29}{672}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{643}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
89858	1373	2016	$\frac{29}{672}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{643}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
89859	1373	1680	$\frac{1}{14}$	$\frac{29}{336}$	$\frac{307}{1680}$	$\frac{13}{42}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
89860	1373	1512	$\frac{1}{14}$	$\frac{139}{1512}$	$\frac{29}{168}$	$\frac{13}{42}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{72}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
89861	1373	1440	$\frac{67}{1440}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
89862	1373	1890	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{113}{630}$	$\frac{517}{1890}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
89863	1373	1680	$\frac{1}{28}$	$\frac{307}{1680}$	$\frac{27}{140}$	$\frac{113}{420}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
89864	1373	1848	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{141}{616}$	$\frac{475}{1848}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{21}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
89865	1373	1792	$\frac{29}{448}$	$\frac{3}{32}$	$\frac{419}{1792}$	$\frac{1}{4}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{256}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
89866	1373	1440	$\frac{67}{1440}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
89867	1373	1632	$\frac{13}{272}$	$\frac{259}{1632}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{96}\ \Phi_{51}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
89868	1373	1536	$\frac{3}{32}$	$\frac{163}{1536}$	$\frac{29}{192}$	$\frac{1}{4}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
89869	1373	1568	$\frac{3}{32}$	$\frac{195}{1568}$	$\frac{29}{224}$	$\frac{1}{4}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
89870	1374	2280	$\frac{1}{228}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{227}{456}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}^2\ \Phi_{152}^2\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{1}^2$
89871	1374	456	$\frac{1}{228}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{227}{456}$	$\Phi_{456}^6\ \Phi_{152}^6\ \Phi_{24}^6\ \Phi_{12}\ \Phi_{8}^6\ \Phi_{6}$
89872	1374	612	$\frac{1}{153}$	$\frac{1}{4}$	$\frac{77}{306}$	$\frac{76}{153}$	$\Phi_{612}^3\ \Phi_{306}\ \Phi_{204}^3\ \Phi_{153}^2\ \Phi_{102}\ \Phi_{68}^3\ \Phi_{51}^2\ \Phi_{36}^3\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}^2\ \Phi_{12}^3\ \Phi_{9}^2\ \Phi_{6}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
89873	1374	4080	$\frac{7}{680}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{673}{1360}$	$\Phi_{4080}\ \Phi_{816}\ \Phi_{240}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
89874	1374	900	$\frac{4}{225}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{221}{450}$	$\Phi_{900}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{9}^2\ \Phi_{6}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
89875	1374	3150	$\frac{4}{225}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{221}{450}$	$\Phi_{3150}\ \Phi_{1050}\ \Phi_{630}\ \Phi_{350}\ \Phi_{210}\ \Phi_{126}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{14}$
89876	1374	1020	$\frac{1}{51}$	$\frac{26}{255}$	$\frac{1}{4}$	$\frac{25}{51}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{204}\ \Phi_{170}^2\ \Phi_{102}\ \Phi_{68}\ \Phi_{60}^2\ \Phi_{34}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_{6}$
89877	1374	1932	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{47}{276}$	$\frac{45}{92}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{483}\ \Phi_{322}\ \Phi_{161}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
89878	1374	1344	$\frac{5}{224}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{219}{448}$	$\Phi_{1344}^3\ \Phi_{192}^3\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
89879	1374	884	$\frac{8}{221}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{213}{442}$	$\Phi_{884}^2\ \Phi_{221}^2\ \Phi_{68}^3\ \Phi_{52}^2\ \Phi_{34}\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_{4}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
89880	1374	972	$\frac{1}{27}$	$\frac{14}{243}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
89881	1374	3080	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{211}{440}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{280}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{14}$
89882	1374	476	$\frac{9}{238}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{476}^4\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{68}^3\ \Phi_{34}\ \Phi_{28}^4\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
89883	1374	432	$\frac{1}{27}$	$\frac{13}{216}$	$\frac{1}{4}$	$\frac{203}{432}$	$\Phi_{432}^6\ \Phi_{144}^6\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}^6\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}^6\ \Phi_{12}\ \Phi_6$
89884	1374	2112	$\frac{17}{704}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
89885	1374	1290	$\frac{1}{43}$	$\frac{14}{215}$	$\frac{1}{3}$	$\frac{201}{430}$	$\Phi_{1290}^3\ \Phi_{258}^3\ \Phi_{129}\ \Phi_{30}^3\ \Phi_6^3$
89886	1374	1680	$\frac{11}{240}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
89887	1374	2898	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{1}{7}$	$\frac{185}{414}$	$\Phi_{2898}\ \Phi_{966}\ \Phi_{322}\ \Phi_{161}\ \Phi_{126}\ \Phi_{42}\ \Phi_{14}$
89888	1374	468	$\frac{5}{234}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{468}^4\ \Phi_{234}^2\ \Phi_{156}^4\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{52}^4\ \Phi_{39}^2\ \Phi_{36}^3\ \Phi_{26}^2\ \Phi_{18}\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
89889	1374	408	$\frac{1}{51}$	$\frac{25}{204}$	$\frac{1}{4}$	$\frac{179}{408}$	$\Phi_{408}^6\ \Phi_{204}\ \Phi_{136}^6\ \Phi_{102}\ \Phi_{68}\ \Phi_{34}\ \Phi_{24}^6\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
89890	1374	3612	$\frac{1}{86}$	$\frac{85}{602}$	$\frac{1}{3}$	$\frac{517}{1204}$	$\Phi_{3612}\ \Phi_{516}\ \Phi_{258}\ \Phi_{129}\ \Phi_{84}\ \Phi_{12}\ \Phi_6$
89891	1374	1155	$\frac{2}{231}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}^2\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}^2\ \Phi_{55}\ \Phi_{35}\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
89892	1374	1710	$\frac{1}{114}$	$\frac{1}{5}$	$\frac{113}{342}$	$\frac{2}{5}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
89893	1374	1160	$\frac{3}{232}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{232}^2\ \Phi_{145}\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{40}\ \Phi_{29}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
89894	1374	1520	$\frac{1}{76}$	$\frac{1}{5}$	$\frac{75}{304}$	$\frac{2}{5}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{304}^2\ \Phi_{152}^2\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
89895	1374	285	$\frac{1}{57}$	$\frac{56}{285}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{285}^5\ \Phi_{95}^5\ \Phi_{57}^4\ \Phi_{19}^4\ \Phi_{15}^5\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
89896	1374	1170	$\frac{5}{234}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{234}^2\ \Phi_{195}\ \Phi_{130}\ \Phi_{117}^2\ \Phi_{90}\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
89897	1374	1330	$\frac{1}{38}$	$\frac{37}{266}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
89898	1374	240	$\frac{11}{240}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^6\ \Phi_{60}^5\ \Phi_{48}^6\ \Phi_{40}^6\ \Phi_{30}^5\ \Phi_{24}^6\ \Phi_{20}^5\ \Phi_{16}^6\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_8^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^6$
89899	1374	1235	$\frac{1}{19}$	$\frac{18}{247}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1235}\ \Phi_{247}^2\ \Phi_{65}\ \Phi_{13}^2\ \Phi_5\ \Phi_1^2$
89900	1374	2576	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{45}{184}$	$\frac{139}{368}$	$\Phi_{2576}\ \Phi_{322}\ \Phi_{161}\ \Phi_{112}\ \Phi_{14}$
89901	1374	1032	$\frac{1}{172}$	$\frac{57}{172}$	$\frac{1}{3}$	$\frac{115}{344}$	$\Phi_{1032}^3\ \Phi_{516}\ \Phi_{258}\ \Phi_{129}\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
89902	1374	924	$\frac{2}{231}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_6$
89903	1374	684	$\frac{1}{114}$	$\frac{1}{4}$	$\frac{113}{342}$	$\frac{1}{3}$	$\Phi_{684}^4\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{36}^4\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
89904	1374	258	$\frac{1}{43}$	$\frac{29}{258}$	$\frac{14}{43}$	$\frac{1}{3}$	$\Phi_{258}^6\ \Phi_{129}^4\ \Phi_{86}^6\ \Phi_{43}^6\ \Phi_6^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
89905	1374	336	$\frac{5}{112}$	$\frac{1}{16}$	$\frac{107}{336}$	$\frac{1}{3}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^6\ \Phi_{84}^3\ \Phi_{56}^6\ \Phi_{48}^4\ \Phi_{42}^3\ \Phi_{28}^6\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_{12}^4\ \Phi_8^6\ \Phi_7^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
89906	1374	240	$\frac{11}{240}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^6\ \Phi_{60}^6\ \Phi_{48}^4\ \Phi_{40}^6\ \Phi_{30}^6\ \Phi_{24}^4\ \Phi_{20}^6\ \Phi_{16}^6\ \Phi_{15}^6\ \Phi_{12}^4\ \Phi_{10}^6\ \Phi_8^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
89907	1374	696	$\frac{3}{232}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{696}^3\ \Phi_{348}^3\ \Phi_{174}^3\ \Phi_{87}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
89908	1374	912	$\frac{1}{76}$	$\frac{75}{304}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{912}^3\ \Phi_{456}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
89909	1374	1140	$\frac{1}{57}$	$\frac{56}{285}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{190}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
89910	1374	468	$\frac{5}{234}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{468}^4\ \Phi_{234}^2\ \Phi_{156}^4\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{52}^4\ \Phi_{39}^2\ \Phi_{36}^4\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
89911	1374	1596	$\frac{1}{38}$	$\frac{37}{266}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1596}^2\ \Phi_{798}\ \Phi_{399}\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
89912	1374	2052	$\frac{2}{57}$	$\frac{55}{513}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{342}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
89913	1374	2280	$\frac{3}{76}$	$\frac{73}{760}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
89914	1374	240	$\frac{11}{240}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^6\ \Phi_{60}^6\ \Phi_{48}^6\ \Phi_{40}^6\ \Phi_{30}^6\ \Phi_{24}^6\ \Phi_{20}^6\ \Phi_{16}^6\ \Phi_{15}^6\ \Phi_{12}\ \Phi_{10}^6\ \Phi_8^6\ \Phi_6\ \Phi_5^6$
89915	1374	2964	$\frac{1}{19}$	$\frac{18}{247}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2964}\ \Phi_{1482}\ \Phi_{156}\ \Phi_{78}\ \Phi_{12}\ \Phi_6$
89916	1374	2688	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{209}{896}$	$\frac{1}{3}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{384}\ \Phi_{192}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
89917	1374	2580	$\frac{1}{43}$	$\frac{42}{215}$	$\frac{173}{860}$	$\frac{1}{3}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{516}\ \Phi_{258}\ \Phi_{129}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}\ \Phi_6$
89918	1374	240	$\frac{11}{240}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{240}^6\ \Phi_{120}^5\ \Phi_{80}^6\ \Phi_{60}^5\ \Phi_{48}^6\ \Phi_{40}^6\ \Phi_{30}^5\ \Phi_{24}^6\ \Phi_{20}^6\ \Phi_{16}^6\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_5^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
89919	1374	816	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{43}{272}$	$\frac{1}{3}$	$\Phi_{816}^3\ \Phi_{408}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
89920	1374	768	$\frac{1}{16}$	$\frac{27}{256}$	$\frac{5}{32}$	$\frac{1}{3}$	$\Phi_{768}^3\ \Phi_{384}^3\ \Phi_{192}^3\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
89921	1374	2352	$\frac{1}{16}$	$\frac{97}{784}$	$\frac{15}{112}$	$\frac{1}{3}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{294}\ \Phi_{147}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
89922	1374	2700	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{217}{675}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{540}\ \Phi_{270}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
89923	1374	265	$\frac{2}{53}$	$\frac{36}{265}$	$\frac{1}{5}$	$\frac{17}{53}$	$\Phi_{265}^5\ \Phi_{53}^6\ \Phi_5^4\ \Phi_1^6$
89924	1374	1932	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{47}{276}$	$\frac{22}{69}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{322}\ \Phi_{161}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}$
89925	1374	2652	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{1}{4}$	$\frac{205}{663}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{204}\ \Phi_{156}\ \Phi_{102}\ \Phi_{78}\ \Phi_{68}\ \Phi_{34}\ \Phi_{12}\ \Phi_6$
89926	1374	2310	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{101}{330}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{231}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
89927	1374	324	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{1}{4}$	$\frac{95}{324}$	$\Phi_{324}^6\ \Phi_{162}^6\ \Phi_{108}\ \Phi_{81}^6\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
89928	1374	1680	$\frac{11}{240}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
89929	1374	612	$\frac{1}{51}$	$\frac{25}{102}$	$\frac{1}{4}$	$\frac{77}{306}$	$\Phi_{612}^4\ \Phi_{306}^2\ \Phi_{204}\ \Phi_{153}^2\ \Phi_{102}\ \Phi_{68}\ \Phi_{36}^4\ \Phi_{34}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
89930	1374	540	$\frac{1}{27}$	$\frac{41}{270}$	$\frac{13}{54}$	$\frac{1}{4}$	$\Phi_{540}^4\ \Phi_{270}^2\ \Phi_{180}^4\ \Phi_{135}^2\ \Phi_{108}\ \Phi_{90}^2\ \Phi_{60}^4\ \Phi_{54}\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{20}^4\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
89931	1374	1980	$\frac{37}{495}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
89932	1374	540	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{270}$	$\frac{1}{4}$	$\Phi_{540}^4\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^4\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
89933	1374	2100	$\frac{4}{75}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{71}{300}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{140}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
89934	1374	1750	$\frac{21}{250}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1750}\ \Phi_{875}\ \Phi_{350}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
89935	1374	1890	$\frac{4}{45}$	$\frac{1}{7}$	$\frac{41}{270}$	$\frac{1}{5}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{210}\ \Phi_{189}\ \Phi_{126}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{14}$
89936	1375	1096	$\frac{1}{274}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{273}{548}$	$\Phi_{1096}^2\ \Phi_{548}\ \Phi_8^3\ \Phi_4\ \Phi_1$
89937	1375	1836	$\frac{2}{459}$	$\frac{461}{1836}$	$\frac{1}{3}$	$\frac{457}{918}$	$\Phi_{1836}\ \Phi_{612}\ \Phi_{459}\ \Phi_{204}\ \Phi_{153}\ \Phi_{108}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{27}\ \Phi_{17}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
89938	1375	2736	$\frac{7}{1368}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1361}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
89939	1375	2736	$\frac{7}{1368}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1361}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_9\ \Phi_1$
89940	1375	546	$\frac{2}{273}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{271}{546}$	$\Phi_{546}^2\ \Phi_{273}^3\ \Phi_{182}^2\ \Phi_{91}^3\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{13}^3\ \Phi_7^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
89941	1375	1240	$\frac{1}{124}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{123}{248}$	$\Phi_{1240}^2\ \Phi_{248}^3\ \Phi_{40}^2\ \Phi_{20}\ \Phi_8^3\ \Phi_4\ \Phi_1$
89942	1375	3720	$\frac{1}{124}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{123}{248}$	$\Phi_{3720}\ \Phi_{744}\ \Phi_{248}\ \Phi_{120}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
89943	1375	1104	$\frac{1}{92}$	$\frac{1}{6}$	$\frac{93}{368}$	$\frac{91}{184}$	$\Phi_{1104}^2\ \Phi_{368}\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}\ \Phi_{69}^2\ \Phi_{48}^2\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
89944	1375	1632	$\frac{3}{272}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{269}{544}$	$\Phi_{1632}^2\ \Phi_{544}\ \Phi_{96}^2\ \Phi_{32}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
89945	1375	306	$\frac{2}{153}$	$\frac{31}{306}$	$\frac{1}{3}$	$\frac{151}{306}$	$\Phi_{306}^4\ \Phi_{153}^5\ \Phi_{102}^4\ \Phi_{51}^5\ \Phi_{34}^4\ \Phi_{18}^4\ \Phi_{17}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
89946	1375	492	$\frac{2}{123}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{121}{246}$	$\Phi_{492}^3\ \Phi_{246}^2\ \Phi_{164}^3\ \Phi_{123}^3\ \Phi_{82}^2\ \Phi_{41}^3\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
89947	1375	1656	$\frac{5}{276}$	$\frac{1}{6}$	$\frac{281}{1656}$	$\frac{271}{552}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{138}\ \Phi_{92}\ \Phi_{72}\ \Phi_{69}\ \Phi_{46}\ \Phi_{36}\ \Phi_{23}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
89948	1375	432	$\frac{1}{54}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{53}{108}$	$\Phi_{432}^6\ \Phi_{144}^6\ \Phi_{108}\ \Phi_{48}^7\ \Phi_{36}\ \Phi_{16}^7\ \Phi_{12}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
89949	1375	108	$\frac{1}{54}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{53}{108}$	$\Phi_{108}^{25}\ \Phi_{36}^{25}\ \Phi_{27}\ \Phi_{12}^{25}\ \Phi_{9}\ \Phi_{4}^{25}\ \Phi_{1}$
89950	1375	108	$\frac{1}{54}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{53}{108}$	$\Phi_{108}^{13}\ \Phi_{54}^{12}\ \Phi_{36}^{14}\ \Phi_{27}^{12}\ \Phi_{18}^{13}\ \Phi_{12}^{13}\ \Phi_{9}^{13}\ \Phi_{6}^{12}\ \Phi_{4}^{13}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
89951	1375	756	$\frac{1}{54}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{53}{108}$	$\Phi_{756}^{2}\ \Phi_{378}^{2}\ \Phi_{252}^{2}\ \Phi_{189}^{2}\ \Phi_{126}^{2}\ \Phi_{108}\ \Phi_{84}^{2}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{36}\ \Phi_{28}^{3}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{12}\ \Phi_{7}^{3}\ \Phi_{4}\ \Phi_{1}$
89952	1375	864	$\frac{1}{54}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{53}{108}$	$\Phi_{864}^{2}\ \Phi_{432}^{2}\ \Phi_{288}^{2}\ \Phi_{144}^{2}\ \Phi_{108}\ \Phi_{96}^{2}\ \Phi_{48}^{2}\ \Phi_{36}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
89953	1375	108	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{53}{108}$	$\Phi_{108}^{25}\ \Phi_{36}^{25}\ \Phi_{12}^{25}\ \Phi_{6}^{4}\ \Phi_{4}^{25}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
89954	1375	168	$\frac{1}{42}$	$\frac{1}{12}$	$\frac{43}{168}$	$\frac{41}{84}$	$\Phi_{168}^{11}\ \Phi_{84}^{6}\ \Phi_{56}^{11}\ \Phi_{42}^{5}\ \Phi_{28}^{6}\ \Phi_{24}^{11}\ \Phi_{21}^{5}\ \Phi_{14}^{5}\ \Phi_{12}^{5}\ \Phi_{8}^{11}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
89955	1375	1458	$\frac{2}{81}$	$\frac{83}{1458}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{1458}\ \Phi_{729}\ \Phi_{486}\ \Phi_{243}\ \Phi_{81}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
89956	1375	2652	$\frac{49}{1326}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{1277}{2652}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{204}\ \Phi_{156}\ \Phi_{68}\ \Phi_{52}\ \Phi_{51}\ \Phi_{17}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
89957	1375	1428	$\frac{53}{1428}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{238}\ \Phi_{204}\ \Phi_{119}\ \Phi_{84}\ \Phi_{68}\ \Phi_{51}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{17}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
89958	1375	912	$\frac{2}{57}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{912}^{3}\ \Phi_{304}^{3}\ \Phi_{57}\ \Phi_{48}\ \Phi_{19}\ \Phi_{16}\ \Phi_{1}$
89959	1375	1296	$\frac{1}{27}$	$\frac{1}{24}$	$\frac{26}{81}$	$\frac{23}{48}$	$\Phi_{1296}^{3}\ \Phi_{81}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
89960	1375	144	$\frac{1}{24}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{23}{48}$	$\Phi_{144}^{18}\ \Phi_{72}\ \Phi_{48}^{19}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}^{19}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
89961	1375	432	$\frac{1}{24}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{23}{48}$	$\Phi_{432}^{6}\ \Phi_{144}^{6}\ \Phi_{48}^{7}\ \Phi_{27}^{2}\ \Phi_{16}^{7}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
89962	1375	48	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{23}{48}$	$\Phi_{48}^{55}\ \Phi_{16}^{55}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
89963	1375	1008	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{23}{48}$	$\Phi_{1008}^{3}\ \Phi_{336}^{3}\ \Phi_{112}^{3}\ \Phi_{63}\ \Phi_{48}\ \Phi_{21}\ \Phi_{16}\ \Phi_{7}\ \Phi_{1}$
89964	1375	1428	$\frac{6}{119}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{113}{238}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{204}\ \Phi_{119}\ \Phi_{102}\ \Phi_{84}^{2}\ \Phi_{68}\ \Phi_{51}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{17}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
89965	1375	144	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{19}{144}$	$\frac{17}{36}$	$\Phi_{144}^{11}\ \Phi_{72}^{11}\ \Phi_{48}^{11}\ \Phi_{36}^{6}\ \Phi_{24}^{11}\ \Phi_{18}^{5}\ \Phi_{16}^{11}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{11}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
89966	1375	104	$\frac{1}{26}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{104}^{25}\ \Phi_{52}^{2}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}^{25}\ \Phi_{4}\ \Phi_{1}$
89967	1375	2592	$\frac{2}{81}$	$\frac{79}{1296}$	$\frac{1}{3}$	$\frac{1217}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{81}\ \Phi_{32}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
89968	1375	468	$\frac{8}{117}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{109}{234}$	$\Phi_{468}^{3}\ \Phi_{234}^{2}\ \Phi_{156}^{3}\ \Phi_{117}^{3}\ \Phi_{78}^{2}\ \Phi_{52}^{3}\ \Phi_{39}^{3}\ \Phi_{36}^{6}\ \Phi_{26}^{2}\ \Phi_{18}^{5}\ \Phi_{13}^{3}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
89969	1375	84	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{3}{28}$	$\frac{13}{28}$	$\Phi_{84}^{18}\ \Phi_{42}^{18}\ \Phi_{28}^{14}\ \Phi_{21}^{18}\ \Phi_{14}^{13}\ \Phi_{12}^{17}\ \Phi_{7}^{13}\ \Phi_{6}^{17}\ \Phi_{4}^{13}\ \Phi_{3}^{17}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
89970	1375	1404	$\frac{29}{1404}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{108}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
89971	1375	288	$\frac{13}{288}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{288}^{5}\ \Phi_{144}^{5}\ \Phi_{96}^{5}\ \Phi_{72}^{5}\ \Phi_{48}^{5}\ \Phi_{36}^{5}\ \Phi_{32}^{5}\ \Phi_{18}^{5}\ \Phi_{16}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
89972	1375	138	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{1}{6}$	$\frac{21}{46}$	$\Phi_{138}^{12}\ \Phi_{69}^{12}\ \Phi_{46}\ \Phi_{23}^{11}\ \Phi_{6}^{11}\ \Phi_{3}^{11}\ \Phi_{1}^{11}$
89973	1375	1860	$\frac{1}{62}$	$\frac{1}{10}$	$\frac{61}{186}$	$\frac{9}{20}$	$\Phi_{1860}^{2}\ \Phi_{372}^{2}\ \Phi_{186}\ \Phi_{93}\ \Phi_{60}^{2}\ \Phi_{20}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
89974	1375	640	$\frac{3}{128}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{640}^{2}\ \Phi_{320}^{2}\ \Phi_{160}^{2}\ \Phi_{128}^{3}\ \Phi_{80}^{2}\ \Phi_{64}^{3}\ \Phi_{40}^{2}\ \Phi_{32}^{3}\ \Phi_{20}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
89975	1375	620	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{6}{31}$	$\frac{9}{20}$	$\Phi_{620}^{4}\ \Phi_{124}^{4}\ \Phi_{31}^{4}\ \Phi_{20}^{5}\ \Phi_{4}^{5}\ \Phi_{1}^{5}$
89976	1375	780	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{780}^{4}\ \Phi_{260}^{2}\ \Phi_{156}^{4}\ \Phi_{78}^{2}\ \Phi_{60}^{2}\ \Phi_{52}^{2}\ \Phi_{39}^{2}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
89977	1375	2484	$\frac{5}{138}$	$\frac{133}{1242}$	$\frac{1}{6}$	$\frac{1109}{2484}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{276}\ \Phi_{138}\ \Phi_{108}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{36}\ \Phi_{23}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
89978	1375	63	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{4}{9}$	$\Phi_{63}^{22}\ \Phi_{21}^{21}\ \Phi_{9}^{23}\ \Phi_{7}^{21}\ \Phi_{3}^{22}\ \Phi_{1}^{23}$
89979	1375	672	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{112}$	$\frac{99}{224}$	$\Phi_{672}^{4}\ \Phi_{224}^{3}\ \Phi_{96}^{4}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{32}^{3}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
89980	1375	1274	$\frac{1}{26}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{1274}\ \Phi_{637}\ \Phi_{182}^{2}\ \Phi_{91}^{2}\ \Phi_{49}\ \Phi_{26}\ \Phi_{14}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}$
89981	1375	2448	$\frac{2}{153}$	$\frac{151}{1224}$	$\frac{1}{3}$	$\frac{1073}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{153}\ \Phi_{144}\ \Phi_{51}\ \Phi_{48}\ \Phi_{17}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
89982	1375	832	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{832}^{2}\ \Phi_{416}^{2}\ \Phi_{104}^{2}\ \Phi_{64}\ \Phi_{52}^{2}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
89983	1375	1248	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{1248}^2\ \Phi_{416}^2\ \Phi_{104}^2\ \Phi_{96}\ \Phi_{52}^2\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_4\ \Phi_1$
89984	1375	216	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{17}{108}$	$\frac{91}{216}$	$\Phi_{216}^{11}\ \Phi_{72}^{11}\ \Phi_{36}^6\ \Phi_{24}^{11}\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^{11}\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
89985	1375	2052	$\frac{7}{684}$	$\frac{1}{6}$	$\frac{677}{2052}$	$\frac{5}{12}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{513}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
89986	1375	1392	$\frac{17}{1392}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}\ \Phi_{48}\ \Phi_{29}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
89987	1375	1824	$\frac{7}{456}$	$\frac{1}{6}$	$\frac{449}{1824}$	$\frac{5}{12}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{304}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
89988	1375	1404	$\frac{29}{1404}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{108}\ \Phi_{78}\ \Phi_{54}\ \Phi_{52}\ \Phi_{39}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
89989	1375	1596	$\frac{7}{228}$	$\frac{221}{1596}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{133}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
89990	1375	288	$\frac{13}{288}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^5\ \Phi_{72}^4\ \Phi_{48}^5\ \Phi_{36}^4\ \Phi_{32}^5\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
89991	1375	132	$\frac{7}{132}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{132}^{11}\ \Phi_{66}^{11}\ \Phi_{44}^{11}\ \Phi_{33}^{11}\ \Phi_{22}^{11}\ \Phi_{12}^5\ \Phi_{11}^{11}\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
89992	1375	84	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{4}{21}$	$\frac{17}{42}$	$\Phi_{84}^{18}\ \Phi_{42}^{13}\ \Phi_{28}^{18}\ \Phi_{21}^{17}\ \Phi_{14}^{13}\ \Phi_{12}^{17}\ \Phi_7^{17}\ \Phi_6^{12}\ \Phi_4^{17}\ \Phi_3^{16}\ \Phi_2^{12}\ \Phi_1^{17}$
89993	1375	276	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{9}{46}$	$\frac{37}{92}$	$\Phi_{276}^{10}\ \Phi_{138}^2\ \Phi_{92}^5\ \Phi_{69}^2\ \Phi_{46}\ \Phi_{23}\ \Phi_{12}^{10}\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
89994	1375	126	$\frac{1}{126}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{126}^{11}\ \Phi_{63}^{11}\ \Phi_{42}^{11}\ \Phi_{21}^{11}\ \Phi_{18}^{10}\ \Phi_{14}^{11}\ \Phi_9^{11}\ \Phi_7^{11}\ \Phi_6^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
89995	1375	2208	$\frac{5}{276}$	$\frac{1}{6}$	$\frac{271}{1104}$	$\frac{833}{2208}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_{12}\ \Phi_4\ \Phi_1$
89996	1375	3288	$\frac{1}{137}$	$\frac{1}{4}$	$\frac{136}{411}$	$\frac{3}{8}$	$\Phi_{3288}\ \Phi_{411}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
89997	1375	1008	$\frac{1}{126}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{144}^2\ \Phi_{126}\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
89998	1375	1096	$\frac{2}{137}$	$\frac{27}{137}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1096}^2\ \Phi_{137}^2\ \Phi_8^3\ \Phi_1^3$
89999	1375	168	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^{10}\ \Phi_{84}^{10}\ \Phi_{56}^5\ \Phi_{42}^{10}\ \Phi_{28}^5\ \Phi_{24}^8\ \Phi_{21}^{10}\ \Phi_{14}^5\ \Phi_{12}^{10}\ \Phi_8^4\ \Phi_7^5\ \Phi_6^9\ \Phi_4^5\ \Phi_3^9\ \Phi_2^4\ \Phi_1^5$
90000	1375	1096	$\frac{5}{137}$	$\frac{12}{137}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1096}^2\ \Phi_{137}^2\ \Phi_8^3\ \Phi_1^3$
90001	1375	312	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^8\ \Phi_{156}^2\ \Phi_{104}^6\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{24}^4\ \Phi_{13}\ \Phi_{12}\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
90002	1375	1092	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{1092}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{156}^2\ \Phi_{91}^2\ \Phi_{84}\ \Phi_{52}^2\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}\ \Phi_{13}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
90003	1375	414	$\frac{1}{69}$	$\frac{1}{6}$	$\frac{68}{207}$	$\frac{139}{414}$	$\Phi_{414}^2\ \Phi_{207}^3\ \Phi_{138}^5\ \Phi_{69}^5\ \Phi_{46}^5\ \Phi_{23}^5\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
90004	1375	513	$\frac{2}{57}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{513}^3\ \Phi_{171}^3\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_9\ \Phi_1$
90005	1375	2052	$\frac{7}{684}$	$\frac{2}{9}$	$\frac{677}{2052}$	$\frac{1}{3}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{513}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
90006	1375	81	$\frac{1}{27}$	$\frac{2}{27}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{81}^{25}\ \Phi_{27}\ \Phi_9\ \Phi_1$
90007	1375	1989	$\frac{2}{51}$	$\frac{49}{663}$	$\frac{614}{1989}$	$\frac{1}{3}$	$\Phi_{1989}\ \Phi_{153}\ \Phi_{117}\ \Phi_{51}\ \Phi_{17}\ \Phi_9\ \Phi_1$
90008	1375	684	$\frac{2}{57}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{684}^3\ \Phi_{342}^3\ \Phi_{171}^3\ \Phi_{57}\ \Phi_{36}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_1$
90009	1375	1944	$\frac{2}{81}$	$\frac{79}{648}$	$\frac{569}{1944}$	$\frac{1}{3}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{81}\ \Phi_{27}\ \Phi_9\ \Phi_1$
90010	1375	1836	$\frac{2}{153}$	$\frac{151}{612}$	$\frac{461}{1836}$	$\frac{1}{3}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{459}\ \Phi_{153}\ \Phi_{108}\ \Phi_{54}\ \Phi_{51}\ \Phi_{27}\ \Phi_{17}\ \Phi_9\ \Phi_1$
90011	1375	1596	$\frac{2}{57}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{133}\ \Phi_{57}\ \Phi_{28}\ \Phi_{19}\ \Phi_{14}\ \Phi_7\ \Phi_1$
90012	1375	324	$\frac{2}{81}$	$\frac{49}{324}$	$\frac{79}{324}$	$\frac{1}{3}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{108}^4\ \Phi_{81}^5\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^5\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
90013	1375	216	$\frac{1}{18}$	$\frac{2}{27}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{216}^9\ \Phi_{108}^9\ \Phi_{72}^7\ \Phi_{36}^7\ \Phi_{27}\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_9\ \Phi_8^7\ \Phi_4^7\ \Phi_1$
90014	1375	342	$\frac{7}{342}$	$\frac{67}{342}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{342}^4\ \Phi_{171}^4\ \Phi_{114}^4\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{18}^4\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
90015	1375	1404	$\frac{29}{1404}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{108}\ \Phi_{78}\ \Phi_{54}\ \Phi_{52}\ \Phi_{39}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_9\ \Phi_1$
90016	1375	1539	$\frac{7}{171}$	$\frac{164}{1539}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{81}\ \Phi_{27}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
90017	1375	288	$\frac{13}{288}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^5\ \Phi_{72}^4\ \Phi_{48}^5\ \Phi_{36}^4\ \Phi_{32}^5\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_9^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
90018	1375	1824	$\frac{2}{57}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{304}\ \Phi_{57}\ \Phi_{32}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
90019	1375	27	$\frac{2}{27}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{1}{3}$	$\Phi_{27}^{51}\ \Phi_9^{51}\ \Phi_3^{50}\ \Phi_1^{51}$
90020	1375	114	$\frac{2}{57}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{114}^{12}\ \Phi_{57}^{13}\ \Phi_{38}^{12}\ \Phi_{19}^{13}\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
90021	1375	312	$\frac{2}{39}$	$\frac{37}{312}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{312}^5\ \Phi_{156}^5\ \Phi_{104}^5\ \Phi_{78}^2\ \Phi_{52}^5\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{24}^5\ \Phi_{13}^3\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
90022	1375	294	$\frac{19}{294}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{294}^5\ \Phi_{147}^5\ \Phi_{98}^5\ \Phi_{49}^5\ \Phi_{42}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_7^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
90023	1375	108	$\frac{2}{27}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{108}^{15}\ \Phi_{54}^{12}\ \Phi_{36}^{15}\ \Phi_{27}^{13}\ \Phi_{18}^{12}\ \Phi_{12}^5\ \Phi_9^{13}\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
90024	1375	324	$\frac{2}{27}$	$\frac{5}{54}$	$\frac{49}{324}$	$\frac{1}{3}$	$\Phi_{324}^5\ \Phi_{162}^5\ \Phi_{108}^5\ \Phi_{81}^5\ \Phi_{36}^5\ \Phi_{27}\ \Phi_{12}^5\ \Phi_9\ \Phi_4^5\ \Phi_1$
90025	1375	189	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{3}$	$\Phi_{189}^9\ \Phi_{63}^7\ \Phi_{27}\ \Phi_{21}^7\ \Phi_9\ \Phi_7^7\ \Phi_1$
90026	1375	930	$\frac{1}{62}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{61}{186}$	$\Phi_{930}\ \Phi_{465}\ \Phi_{310}^2\ \Phi_{186}^2\ \Phi_{155}^2\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{30}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
90027	1375	408	$\frac{3}{136}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{133}{408}$	$\Phi_{408}^3\ \Phi_{204}^3\ \Phi_{136}^4\ \Phi_{102}^3\ \Phi_{68}^4\ \Phi_{51}^3\ \Phi_{34}^4\ \Phi_{24}^3\ \Phi_{17}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
90028	1375	1656	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{281}{1656}$	$\frac{133}{414}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{72}\ \Phi_{69}\ \Phi_{46}\ \Phi_{36}\ \Phi_{24}\ \Phi_{23}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
90029	1375	324	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{26}{81}$	$\Phi_{324}^6\ \Phi_{162}^6\ \Phi_{81}^7\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
90030	1375	2268	$\frac{1}{27}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{26}{81}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{81}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
90031	1375	2592	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{26}{81}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{81}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
90032	1375	162	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{26}{81}$	$\Phi_{162}^{12}\ \Phi_{81}^{13}\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
90033	1375	324	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{37}{162}$	$\frac{17}{54}$	$\Phi_{324}^6\ \Phi_{162}^5\ \Phi_{81}^5\ \Phi_{36}^6\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
90034	1375	72	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{17}{72}$	$\frac{11}{36}$	$\Phi_{72}^{25}\ \Phi_{36}^{14}\ \Phi_{24}^{25}\ \Phi_{18}^{13}\ \Phi_{12}^{13}\ \Phi_9^{13}\ \Phi_8^{25}\ \Phi_6^{12}\ \Phi_4^{13}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
90035	1375	108	$\frac{2}{27}$	$\frac{1}{12}$	$\frac{5}{27}$	$\frac{11}{36}$	$\Phi_{108}^{12}\ \Phi_{54}^{12}\ \Phi_{36}^{13}\ \Phi_{27}^{14}\ \Phi_{18}^{13}\ \Phi_{12}^{12}\ \Phi_9^{15}\ \Phi_6^{12}\ \Phi_4^{12}\ \Phi_3^{14}\ \Phi_2^{12}\ \Phi_1^{15}$
90036	1375	36	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{36}$	$\Phi_{36}^{55}\ \Phi_{18}^{55}\ \Phi_{12}^5\ \Phi_9^{55}\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
90037	1375	252	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{11}{36}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^6\ \Phi_{63}^7\ \Phi_{42}^6\ \Phi_{36}\ \Phi_{28}^6\ \Phi_{21}^7\ \Phi_{18}\ \Phi_{14}^6\ \Phi_9\ \Phi_7^7\ \Phi_1$
90038	1375	936	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{72}\ \Phi_{52}^2\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
90039	1375	182	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{182}^8\ \Phi_{91}^8\ \Phi_{26}^7\ \Phi_{14}^3\ \Phi_{13}^7\ \Phi_7^5\ \Phi_2^2\ \Phi_1^5$
90040	1375	84	$\frac{1}{12}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{84}^{18}\ \Phi_{42}^{18}\ \Phi_{28}^{13}\ \Phi_{21}^{18}\ \Phi_{14}^{13}\ \Phi_{12}^{17}\ \Phi_7^{15}\ \Phi_6^{17}\ \Phi_4^{12}\ \Phi_3^{17}\ \Phi_2^{12}\ \Phi_1^{15}$
90041	1375	288	$\frac{13}{288}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
90042	1375	1920	$\frac{3}{128}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
90043	1375	465	$\frac{1}{31}$	$\frac{6}{31}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{465}^4\ \Phi_{93}^4\ \Phi_{31}^4\ \Phi_{15}^5\ \Phi_3^5\ \Phi_1^5$
90044	1375	390	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{390}^3\ \Phi_{195}^3\ \Phi_{130}^4\ \Phi_{78}^5\ \Phi_{65}^4\ \Phi_{39}^5\ \Phi_{30}\ \Phi_{26}^5\ \Phi_{15}^2\ \Phi_{13}^5\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
90045	1375	168	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{56}$	$\frac{43}{168}$	$\Phi_{168}^7\ \Phi_{84}^9\ \Phi_{56}^8\ \Phi_{42}^9\ \Phi_{28}^{10}\ \Phi_{24}^7\ \Phi_{21}^9\ \Phi_{14}^9\ \Phi_{12}^8\ \Phi_8^8\ \Phi_7^9\ \Phi_6^8\ \Phi_4^9\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
90046	1375	504	$\frac{1}{18}$	$\frac{3}{28}$	$\frac{17}{72}$	$\frac{1}{4}$	$\Phi_{504}^4\ \Phi_{252}^2\ \Phi_{168}^4\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}\ \Phi_{63}^2\ \Phi_{56}^4\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^3\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}\ \Phi_8\ \Phi_7^3\ \Phi_4\ \Phi_1$
90047	1375	204	$\frac{3}{68}$	$\frac{1}{6}$	$\frac{13}{68}$	$\frac{1}{4}$	$\Phi_{204}^8\ \Phi_{102}^8\ \Phi_{68}^4\ \Phi_{51}^8\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_{12}^{10}\ \Phi_6^9\ \Phi_4^5\ \Phi_3^9\ \Phi_2^4\ \Phi_1^5$
90048	1375	288	$\frac{13}{288}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^5\ \Phi_{72}^5\ \Phi_{48}^3\ \Phi_{36}^5\ \Phi_{32}^5\ \Phi_{24}^3\ \Phi_{18}^5\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
90049	1375	756	$\frac{2}{27}$	$\frac{3}{28}$	$\frac{5}{27}$	$\frac{1}{4}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{28}^3\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_9^2\ \Phi_7^3\ \Phi_3^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
90050	1375	84	$\frac{1}{12}$	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{84}^{18}\ \Phi_{42}^{18}\ \Phi_{28}^{19}\ \Phi_{21}^{18}\ \Phi_{14}^{19}\ \Phi_{12}^{5}\ \Phi_{7}^{19}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
90051	1375	252	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{4}$	$\Phi_{252}^{5}\ \Phi_{126}^{5}\ \Phi_{84}^{5}\ \Phi_{63}^{6}\ \Phi_{42}^{5}\ \Phi_{36}^{6}\ \Phi_{28}^{6}\ \Phi_{21}^{6}\ \Phi_{18}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
90052	1375	288	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{17}{72}$	$\Phi_{288}^{6}\ \Phi_{144}^{6}\ \Phi_{96}^{6}\ \Phi_{72}\ \Phi_{48}^{6}\ \Phi_{36}\ \Phi_{32}^{7}\ \Phi_{24}\ \Phi_{16}^{7}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
90053	1375	72	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{17}{72}$	$\Phi_{72}^{25}\ \Phi_{36}^{25}\ \Phi_{24}^{25}\ \Phi_{12}^{25}\ \Phi_{8}^{25}\ \Phi_{6}^{4}\ \Phi_{4}^{25}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
90054	1375	864	$\frac{2}{27}$	$\frac{1}{8}$	$\frac{5}{27}$	$\frac{7}{32}$	$\Phi_{864}^{2}\ \Phi_{432}^{2}\ \Phi_{288}^{2}\ \Phi_{144}^{2}\ \Phi_{96}^{2}\ \Phi_{48}^{2}\ \Phi_{32}^{3}\ \Phi_{27}^{2}\ \Phi_{16}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
90055	1375	96	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{32}$	$\Phi_{96}^{18}\ \Phi_{48}^{18}\ \Phi_{32}^{19}\ \Phi_{16}^{19}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
90056	1375	2016	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{63}$	$\frac{7}{32}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{112}\ \Phi_{63}\ \Phi_{32}\ \Phi_{21}\ \Phi_{16}\ \Phi_{7}\ \Phi_{1}$
90057	1375	144	$\frac{1}{12}$	$\frac{19}{144}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{144}^{11}\ \Phi_{72}^{11}\ \Phi_{48}^{11}\ \Phi_{36}^{11}\ \Phi_{18}^{11}\ \Phi_{16}^{11}\ \Phi_{12}^{5}\ \Phi_{9}^{11}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
90058	1375	54	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{27}$	$\Phi_{54}^{24}\ \Phi_{27}^{26}\ \Phi_{18}^{24}\ \Phi_{9}^{26}\ \Phi_{6}^{28}\ \Phi_{3}^{30}\ \Phi_{2}^{28}\ \Phi_{1}^{31}$
90059	1375	687	$\frac{52}{687}$	$\frac{112}{687}$	$\frac{115}{687}$	$\frac{127}{687}$	$\Phi_{687}^{2}\ \Phi_{229}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
90060	1375	276	$\frac{7}{92}$	$\frac{15}{92}$	$\frac{1}{6}$	$\frac{17}{92}$	$\Phi_{276}^{6}\ \Phi_{138}^{6}\ \Phi_{92}^{3}\ \Phi_{69}^{6}\ \Phi_{46}^{3}\ \Phi_{23}^{3}\ \Phi_{12}^{6}\ \Phi_{6}^{5}\ \Phi_{4}^{3}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90061	1375	12	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{12}^{125}\ \Phi_{6}^{104}\ \Phi_{4}^{125}\ \Phi_{3}^{104}\ \Phi_{2}^{104}\ \Phi_{1}^{105}$
90062	1375	324	$\frac{5}{54}$	$\frac{49}{324}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{324}^{5}\ \Phi_{162}^{5}\ \Phi_{108}^{5}\ \Phi_{81}^{5}\ \Phi_{36}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
90063	1375	126	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{126}^{12}\ \Phi_{63}^{13}\ \Phi_{42}^{12}\ \Phi_{21}^{13}\ \Phi_{14}^{12}\ \Phi_{7}^{13}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
90064	1376	1029	$\frac{1}{343}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{171}{343}$	$\Phi_{1029}\ \Phi_{343}^{2}\ \Phi_{147}\ \Phi_{49}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
90065	1376	275	$\frac{1}{275}$	$\frac{69}{275}$	$\frac{103}{275}$	$\frac{137}{275}$	$\Phi_{275}^{5}\ \Phi_{55}^{5}\ \Phi_{25}^{5}\ \Phi_{11}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
90066	1376	2067	$\frac{3}{689}$	$\frac{173}{689}$	$\frac{1}{3}$	$\frac{343}{689}$	$\Phi_{2067}\ \Phi_{159}\ \Phi_{39}$
90067	1376	685	$\frac{3}{685}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{341}{685}$	$\Phi_{685}^{2}\ \Phi_{137}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
90068	1376	1197	$\frac{1}{171}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{85}{171}$	$\Phi_{1197}\ \Phi_{399}\ \Phi_{171}^{2}\ \Phi_{133}\ \Phi_{63}\ \Phi_{57}^{2}\ \Phi_{21}\ \Phi_{19}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
90069	1376	855	$\frac{1}{171}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{85}{171}$	$\Phi_{855}^{2}\ \Phi_{285}^{2}\ \Phi_{95}^{2}\ \Phi_{45}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
90070	1376	1375	$\frac{9}{1375}$	$\frac{173}{1375}$	$\frac{601}{1375}$	$\frac{683}{1375}$	$\Phi_{1375}\ \Phi_{275}\ \Phi_{125}\ \Phi_{55}\ \Phi_{25}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
90071	1376	625	$\frac{1}{125}$	$\frac{63}{625}$	$\frac{281}{625}$	$\frac{62}{125}$	$\Phi_{625}^{2}\ \Phi_{125}^{3}\ \Phi_{25}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
90072	1376	1365	$\frac{11}{1365}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{677}{1365}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}\ \Phi_{39}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{13}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
90073	1376	115	$\frac{1}{115}$	$\frac{1}{5}$	$\frac{29}{115}$	$\frac{57}{115}$	$\Phi_{115}^{12}\ \Phi_{23}^{12}\ \Phi_{5}^{11}\ \Phi_{1}^{12}$
90074	1376	341	$\frac{3}{341}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{169}{341}$	$\Phi_{341}^{4}\ \Phi_{31}^{4}\ \Phi_{11}^{5}\ \Phi_{1}^{6}$
90075	1376	1375	$\frac{13}{1375}$	$\frac{257}{1375}$	$\frac{347}{1375}$	$\frac{681}{1375}$	$\Phi_{1375}\ \Phi_{275}\ \Phi_{125}\ \Phi_{55}\ \Phi_{25}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
90076	1376	2067	$\frac{7}{689}$	$\frac{87}{689}$	$\frac{1}{3}$	$\frac{341}{689}$	$\Phi_{2067}\ \Phi_{159}\ \Phi_{39}$
90077	1376	255	$\frac{1}{85}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{42}{85}$	$\Phi_{255}^{5}\ \Phi_{85}^{6}\ \Phi_{51}^{5}\ \Phi_{17}^{6}\ \Phi_{15}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
90078	1376	765	$\frac{1}{85}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{42}{85}$	$\Phi_{765}^{2}\ \Phi_{255}\ \Phi_{153}^{2}\ \Phi_{85}^{2}\ \Phi_{51}\ \Phi_{45}^{2}\ \Phi_{17}^{2}\ \Phi_{15}\ \Phi_{9}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
90079	1376	85	$\frac{1}{85}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{42}{85}$	$\Phi_{85}^{16}\ \Phi_{17}^{16}\ \Phi_{5}^{19}\ \Phi_{1}^{20}$
90080	1376	1375	$\frac{17}{1375}$	$\frac{87}{1375}$	$\frac{644}{1375}$	$\frac{679}{1375}$	$\Phi_{1375}\ \Phi_{275}\ \Phi_{125}\ \Phi_{55}\ \Phi_{25}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
90081	1376	1035	$\frac{1}{69}$	$\frac{35}{207}$	$\frac{1}{5}$	$\frac{34}{69}$	$\Phi_{1035}^{2}\ \Phi_{345}\ \Phi_{115}\ \Phi_{45}^{2}\ \Phi_{15}$
90082	1376	1353	$\frac{23}{1353}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{665}{1353}$	$\Phi_{1353}\ \Phi_{451}\ \Phi_{123}\ \Phi_{41}\ \Phi_{33}^{2}\ \Phi_{11}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
90083	1376	1557	$\frac{3}{173}$	$\frac{1}{9}$	$\frac{44}{173}$	$\frac{85}{173}$	$\Phi_{1557}\ \Phi_{519}$
90084	1376	507	$\frac{3}{169}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{83}{169}$	$\Phi_{507}^{4}\ \Phi_{39}^{5}\ \Phi_{3}^{4}$
90085	1376	165	$\frac{1}{55}$	$\frac{7}{165}$	$\frac{79}{165}$	$\frac{27}{55}$	$\Phi_{165}^{8}\ \Phi_{55}^{9}\ \Phi_{33}^{8}\ \Phi_{15}^{8}\ \Phi_{11}^{9}\ \Phi_{5}^{9}\ \Phi_{3}^{8}\ \Phi_{1}^{10}$
90086	1376	495	$\frac{1}{55}$	$\frac{14}{165}$	$\frac{151}{495}$	$\frac{27}{55}$	$\Phi_{495}^{4}\ \Phi_{99}^{4}\ \Phi_{55}\ \Phi_{45}^{4}\ \Phi_{11}\ \Phi_{9}^{4}\ \Phi_{5}\ \Phi_{1}^{2}$
90087	1376	385	$\frac{1}{55}$	$\frac{41}{385}$	$\frac{14}{55}$	$\frac{27}{55}$	$\Phi_{385}^{4}\ \Phi_{77}^{4}\ \Phi_{55}\ \Phi_{35}^{4}\ \Phi_{11}\ \Phi_{7}^{4}\ \Phi_{5}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
90088	1376	55	$\frac{1}{55}$	$\frac{7}{55}$	$\frac{12}{55}$	$\frac{27}{55}$	$\Phi_{55}^{25}\ \Phi_{11}^{25}\ \Phi_{5}^{25}\ \Phi_{1}^{26}$
90089	1376	825	$\frac{1}{55}$	$\frac{137}{825}$	$\frac{28}{165}$	$\frac{27}{55}$	$\Phi_{825}^{2}\ \Phi_{275}^{2}\ \Phi_{75}^{2}\ \Phi_{55}\ \Phi_{25}^{2}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
90090	1376	1113	$\frac{1}{53}$	$\frac{27}{371}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{1113}^{2}\ \Phi_{159}\ \Phi_{21}^{2}$
90091	1376	675	$\frac{13}{675}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{331}{675}$	$\Phi_{675}^{2}\ \Phi_{225}^{2}\ \Phi_{135}^{2}\ \Phi_{75}^{2}\ \Phi_{45}^{2}\ \Phi_{27}^{2}\ \Phi_{25}^{3}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
90092	1376	675	$\frac{13}{675}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{331}{675}$	$\Phi_{675}^{2}\ \Phi_{225}^{2}\ \Phi_{135}^{2}\ \Phi_{75}^{2}\ \Phi_{45}^{2}\ \Phi_{27}^{2}\ \Phi_{25}^{2}\ \Phi_{15}^{4}\ \Phi_{9}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
90093	1376	345	$\frac{7}{345}$	$\frac{44}{345}$	$\frac{1}{5}$	$\frac{169}{345}$	$\Phi_{345}^{4}\ \Phi_{115}^{4}\ \Phi_{69}^{4}\ \Phi_{23}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
90094	1376	1375	$\frac{29}{1375}$	$\frac{128}{1375}$	$\frac{351}{1375}$	$\frac{673}{1375}$	$\Phi_{1375}\ \Phi_{275}\ \Phi_{125}\ \Phi_{55}\ \Phi_{25}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
90095	1376	231	$\frac{5}{231}$	$\frac{1}{11}$	$\frac{59}{231}$	$\frac{113}{231}$	$\Phi_{231}^{6}\ \Phi_{77}^{6}\ \Phi_{33}^{6}\ \Phi_{21}^{6}\ \Phi_{11}^{5}\ \Phi_{7}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
90096	1376	2067	$\frac{15}{689}$	$\frac{44}{689}$	$\frac{1}{3}$	$\frac{337}{689}$	$\Phi_{2067}\ \Phi_{159}\ \Phi_{39}$
90097	1376	2604	$\frac{1}{42}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{41}{84}$	$\Phi_{2604}\ \Phi_{868}\ \Phi_{372}\ \Phi_{124}\ \Phi_{84}^{2}\ \Phi_{31}\ \Phi_{28}^{2}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
90098	1376	1428	$\frac{1}{42}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{1428}^{2}\ \Phi_{476}^{2}\ \Phi_{204}^{2}\ \Phi_{68}^{2}\ \Phi_{51}$
90099	1376	2604	$\frac{1}{42}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{41}{84}$	$\Phi_{2604}\ \Phi_{868}\ \Phi_{372}\ \Phi_{124}\ \Phi_{84}^{2}\ \Phi_{31}\ \Phi_{28}^{2}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
90100	1376	1260	$\frac{1}{42}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{41}{84}$	$\Phi_{1260}^{3}\ \Phi_{420}^{2}\ \Phi_{180}^{3}\ \Phi_{140}^{2}\ \Phi_{60}^{2}\ \Phi_{45}\ \Phi_{20}^{2}\ \Phi_{15}$
90101	1376	375	$\frac{3}{125}$	$\frac{31}{375}$	$\frac{32}{125}$	$\frac{61}{125}$	$\Phi_{375}^{4}\ \Phi_{125}^{3}\ \Phi_{75}^{4}\ \Phi_{25}^{3}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
90102	1376	1395	$\frac{1}{31}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}\ \Phi_{155}\ \Phi_{45}^{2}\ \Phi_{31}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
90103	1376	1953	$\frac{1}{31}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{15}{31}$	$\Phi_{1953}\ \Phi_{279}\ \Phi_{63}^{2}\ \Phi_{31}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
90104	1376	1736	$\frac{1}{31}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{15}{31}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{248}\ \Phi_{124}\ \Phi_{56}^{2}\ \Phi_{31}\ \Phi_{28}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
90105	1376	1488	$\frac{1}{31}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{15}{31}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}\ \Phi_{372}\ \Phi_{248}\ \Phi_{124}\ \Phi_{48}^{2}\ \Phi_{31}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
90106	1376	1519	$\frac{1}{31}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{15}{31}$	$\Phi_{1519}\ \Phi_{49}^{2}\ \Phi_{31}\ \Phi_{1}^{2}$
90107	1376	986	$\frac{1}{29}$	$\frac{1}{17}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{986}^{2}\ \Phi_{493}\ \Phi_{34}^{2}$
90108	1376	225	$\frac{1}{25}$	$\frac{13}{225}$	$\frac{53}{225}$	$\frac{12}{25}$	$\Phi_{225}^{6}\ \Phi_{75}^{6}\ \Phi_{45}^{6}\ \Phi_{25}^{7}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
90109	1376	375	$\frac{1}{25}$	$\frac{31}{375}$	$\frac{13}{75}$	$\frac{12}{25}$	$\Phi_{375}^{4}\ \Phi_{125}^{4}\ \Phi_{75}^{2}\ \Phi_{25}^{3}\ \Phi_{15}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
90110	1376	165	$\frac{7}{165}$	$\frac{3}{55}$	$\frac{13}{55}$	$\frac{79}{165}$	$\Phi_{165}^{8}\ \Phi_{55}^{9}\ \Phi_{33}^{8}\ \Phi_{15}^{8}\ \Phi_{11}^{9}\ \Phi_{5}^{9}\ \Phi_{3}^{8}\ \Phi_{1}^{10}$
90111	1376	165	$\frac{7}{165}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{79}{165}$	$\Phi_{165}^{8}\ \Phi_{55}^{8}\ \Phi_{33}^{8}\ \Phi_{15}^{12}\ \Phi_{11}^{8}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
90112	1376	165	$\frac{7}{165}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{79}{165}$	$\Phi_{165}^{8}\ \Phi_{55}^{8}\ \Phi_{33}^{10}\ \Phi_{15}^{8}\ \Phi_{11}^{9}\ \Phi_{5}^{8}\ \Phi_{3}^{10}\ \Phi_{1}^{10}$
90113	1376	230	$\frac{1}{23}$	$\frac{3}{46}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{230}^{8}\ \Phi_{115}^{7}\ \Phi_{10}^{8}\ \Phi_{5}^{6}$
90114	1376	99	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{13}{99}$	$\frac{47}{99}$	$\Phi_{99}^{14}\ \Phi_{33}^{14}\ \Phi_{11}^{13}\ \Phi_{9}^{14}\ \Phi_{3}^{14}\ \Phi_{1}^{14}$
90115	1376	1309	$\frac{67}{1309}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{621}{1309}$	$\Phi_{1309}\ \Phi_{187}\ \Phi_{119}\ \Phi_{77}^{2}\ \Phi_{17}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
90116	1376	325	$\frac{1}{25}$	$\frac{19}{325}$	$\frac{6}{25}$	$\frac{153}{325}$	$\Phi_{325}^{4}\ \Phi_{65}^{4}\ \Phi_{25}^{7}\ \Phi_{13}^{4}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
90117	1376	385	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{41}{385}$	$\frac{36}{77}$	$\Phi_{385}^{4}\ \Phi_{77}^{2}\ \Phi_{55}^{4}\ \Phi_{35}^{4}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{5}^{4}\ \Phi_{1}^{2}$
90118	1376	660	$\frac{1}{44}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{2}\ \Phi_{165}^{2}\ \Phi_{132}^{3}\ \Phi_{110}^{2}\ \Phi_{66}^{3}\ \Phi_{60}^{2}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{3}\ \Phi_{30}^{2}\ \Phi_{22}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{3}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
90119	1376	45	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{45}^{32}\ \Phi_{15}^{28}\ \Phi_{9}^{32}\ \Phi_{5}^{27}\ \Phi_{3}^{28}\ \Phi_{1}^{28}$
90120	1376	255	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{8}{51}$	$\frac{7}{15}$	$\Phi_{255}^{5}\ \Phi_{85}^{5}\ \Phi_{51}^{7}\ \Phi_{17}^{6}\ \Phi_{15}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
90121	1376	805	$\frac{1}{23}$	$\frac{11}{161}$	$\frac{1}{5}$	$\frac{75}{161}$	$\Phi_{805}^{2}\ \Phi_{115}^{3}\ \Phi_{35}^{2}\ \Phi_{5}^{2}$
90122	1376	1287	$\frac{89}{1287}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{599}{1287}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}^{2}\ \Phi_{39}\ \Phi_{33}^{2}\ \Phi_{13}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
90123	1376	2640	$\frac{1}{33}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{22}\ \Phi_{12}\ \Phi_{6}$
90124	1376	351	$\frac{7}{351}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{351}^{4}\ \Phi_{117}^{4}\ \Phi_{39}^{3}\ \Phi_{27}^{4}\ \Phi_{13}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
90125	1376	159	$\frac{1}{53}$	$\frac{13}{159}$	$\frac{1}{3}$	$\frac{73}{159}$	$\Phi_{159}^{9}\ \Phi_{53}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
90126	1376	1265	$\frac{4}{115}$	$\frac{111}{1265}$	$\frac{1}{5}$	$\frac{577}{1265}$	$\Phi_{1265}\ \Phi_{253}\ \Phi_{115}^2\ \Phi_{55}\ \Phi_{23}^2\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
90127	1376	1023	$\frac{6}{341}$	$\frac{1}{11}$	$\frac{335}{1023}$	$\frac{5}{11}$	$\Phi_{1023}^2\ \Phi_{93}^2\ \Phi_{33}^2\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
90128	1376	44	$\frac{1}{44}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{44}^{32}\ \Phi_{22}^{32}\ \Phi_{11}^{29}\ \Phi_4^{32}\ \Phi_2^{32}\ \Phi_1^{30}$
90129	1376	77	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{9}{77}$	$\frac{34}{77}$	$\Phi_{77}^{18}\ \Phi_{11}^{17}\ \Phi_7^{18}\ \Phi_1^{18}$
90130	1376	50	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{7}{50}$	$\frac{11}{25}$	$\Phi_{50}^{32}\ \Phi_{25}^{23}\ \Phi_{10}^{32}\ \Phi_5^{23}\ \Phi_2^{32}\ \Phi_1^{24}$
90131	1376	1375	$\frac{23}{1375}$	$\frac{169}{1375}$	$\frac{386}{1375}$	$\frac{603}{1375}$	$\Phi_{1375}\ \Phi_{275}\ \Phi_{125}\ \Phi_{55}\ \Phi_{25}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
90132	1376	1225	$\frac{1}{25}$	$\frac{151}{1225}$	$\frac{24}{175}$	$\frac{537}{1225}$	$\Phi_{1225}\ \Phi_{245}\ \Phi_{175}^2\ \Phi_{49}\ \Phi_{35}^2\ \Phi_{25}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
90133	1376	2067	$\frac{9}{689}$	$\frac{85}{689}$	$\frac{1}{3}$	$\frac{302}{689}$	$\Phi_{2067}\ \Phi_{159}\ \Phi_{39}$
90134	1376	609	$\frac{1}{87}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{609}^2\ \Phi_{203}^2\ \Phi_{87}^4\ \Phi_{29}^4\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
90135	1376	399	$\frac{1}{57}$	$\frac{1}{7}$	$\frac{14}{57}$	$\frac{3}{7}$	$\Phi_{399}^3\ \Phi_{133}^3\ \Phi_{57}^6\ \Phi_{21}^3\ \Phi_{19}^6\ \Phi_7^4\ \Phi_3^6\ \Phi_1^8$
90136	1376	1540	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{220}^2\ \Phi_{140}\ \Phi_{110}^2\ \Phi_{70}\ \Phi_{55}^2\ \Phi_{20}^2\ \Phi_{10}^2$
90137	1376	315	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^3\ \Phi_{45}^8\ \Phi_{35}^4\ \Phi_{21}^3\ \Phi_{15}^8\ \Phi_9^6\ \Phi_7^4\ \Phi_5^8\ \Phi_3^6\ \Phi_1^8$
90138	1376	665	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{665}^2\ \Phi_{133}\ \Phi_{95}^4\ \Phi_{35}^2\ \Phi_{19}^2\ \Phi_7^2\ \Phi_5^4\ \Phi_1^4$
90139	1376	75	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{11}{75}$	$\frac{32}{75}$	$\Phi_{75}^{16}\ \Phi_{25}^{23}\ \Phi_{15}^{16}\ \Phi_5^{23}\ \Phi_3^{16}\ \Phi_1^{24}$
90140	1376	363	$\frac{19}{363}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{363}^4\ \Phi_{121}^4\ \Phi_{33}^2\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
90141	1376	297	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{47}{297}$	$\frac{125}{297}$	$\Phi_{297}^4\ \Phi_{99}^6\ \Phi_{33}^6\ \Phi_{27}^4\ \Phi_{11}^5\ \Phi_9^6\ \Phi_3^6\ \Phi_1^6$
90142	1376	1479	$\frac{1}{87}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1479}\ \Phi_{493}\ \Phi_{51}$
90143	1376	1375	$\frac{19}{1375}$	$\frac{259}{1375}$	$\frac{339}{1375}$	$\frac{558}{1375}$	$\Phi_{1375}\ \Phi_{275}\ \Phi_{125}\ \Phi_{55}\ \Phi_{25}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
90144	1376	1155	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{221}{1155}$	$\frac{467}{1155}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}^2\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}^2\ \Phi_{55}\ \Phi_{35}\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{11}\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
90145	1376	575	$\frac{2}{115}$	$\frac{113}{575}$	$\frac{1}{5}$	$\frac{231}{575}$	$\Phi_{575}^2\ \Phi_{115}^4\ \Phi_{25}^2\ \Phi_{23}^4\ \Phi_5^3\ \Phi_1^4$
90146	1376	175	$\frac{3}{175}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{175}^8\ \Phi_{35}^8\ \Phi_{25}^8\ \Phi_7^8\ \Phi_5^3\ \Phi_1^4$
90147	1376	132	$\frac{1}{44}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{132}^{11}\ \Phi_{66}^{11}\ \Phi_{44}^{10}\ \Phi_{33}^{10}\ \Phi_{22}^{10}\ \Phi_{12}^{11}\ \Phi_{11}^9\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{10}$
90148	1376	1125	$\frac{1}{125}$	$\frac{251}{1125}$	$\frac{124}{375}$	$\frac{437}{1125}$	$\Phi_{1125}\ \Phi_{375}^2\ \Phi_{225}\ \Phi_{125}\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}^2\ \Phi_9\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
90149	1376	1375	$\frac{27}{1375}$	$\frac{214}{1375}$	$\frac{337}{1375}$	$\frac{519}{1375}$	$\Phi_{1375}\ \Phi_{275}\ \Phi_{125}\ \Phi_{55}\ \Phi_{25}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
90150	1376	345	$\frac{1}{69}$	$\frac{1}{5}$	$\frac{17}{69}$	$\frac{26}{69}$	$\Phi_{345}^5\ \Phi_{115}^5\ \Phi_{15}^5\ \Phi_5^4$
90151	1376	125	$\frac{1}{125}$	$\frac{31}{125}$	$\frac{39}{125}$	$\frac{47}{125}$	$\Phi_{125}^{11}\ \Phi_{25}^{11}\ \Phi_5^{11}\ \Phi_1^{12}$
90152	1376	2067	$\frac{5}{689}$	$\frac{171}{689}$	$\frac{1}{3}$	$\frac{259}{689}$	$\Phi_{2067}\ \Phi_{159}\ \Phi_{39}$
90153	1376	528	$\frac{1}{33}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{528}^3\ \Phi_{264}^2\ \Phi_{176}^3\ \Phi_{132}^3\ \Phi_{88}^2\ \Phi_{66}^3\ \Phi_{48}^2\ \Phi_{44}^3\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{22}^3\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90154	1376	175	$\frac{3}{175}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{175}^8\ \Phi_{35}^8\ \Phi_{25}^7\ \Phi_7^8\ \Phi_5^7\ \Phi_1^8$
90155	1376	66	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{66}^{32}\ \Phi_{33}^{10}\ \Phi_{22}^{32}\ \Phi_{11}^9\ \Phi_6^{32}\ \Phi_3^{10}\ \Phi_2^{32}\ \Phi_1^{10}$
90156	1376	525	$\frac{1}{25}$	$\frac{12}{175}$	$\frac{163}{525}$	$\frac{181}{525}$	$\Phi_{525}^2\ \Phi_{175}^4\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{35}^4\ \Phi_{25}^3\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^4\ \Phi_5^3\ \Phi_3^2\ \Phi_1^4$
90157	1376	1035	$\frac{4}{345}$	$\frac{1}{5}$	$\frac{341}{1035}$	$\frac{347}{1035}$	$\Phi_{1035}\ \Phi_{345}^2\ \Phi_{207}\ \Phi_{115}^2\ \Phi_{69}^2\ \Phi_{45}\ \Phi_{23}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
90158	1376	519	$\frac{1}{173}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{519}^3\ \Phi_{173}^2$
90159	1376	1029	$\frac{3}{343}$	$\frac{85}{343}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1029}\ \Phi_{343}^2\ \Phi_{147}\ \Phi_{49}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
90160	1376	435	$\frac{1}{87}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{435}^4\ \Phi_{145}^4\ \Phi_{15}^3\ \Phi_5^2$
90161	1376	525	$\frac{3}{175}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{175}^4\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{35}^4\ \Phi_{25}^4\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
90162	1376	147	$\frac{1}{49}$	$\frac{6}{49}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{147}^7\ \Phi_{49}^{14}\ \Phi_{21}^7\ \Phi_7^{14}\ \Phi_3^8\ \Phi_1^{16}$
90163	1376	396	$\frac{1}{44}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^3\ \Phi_{99}^4\ \Phi_{66}^3\ \Phi_{44}^2\ \Phi_{36}^4\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
90164	1376	765	$\frac{2}{45}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^2\ \Phi_{85}^2\ \Phi_{51}$
90165	1376	2565	$\frac{2}{171}$	$\frac{1}{5}$	$\frac{169}{513}$	$\frac{1}{3}$	$\Phi_{2565}\ \Phi_{135}\ \Phi_{15}$
90166	1376	795	$\frac{1}{53}$	$\frac{107}{795}$	$\frac{52}{159}$	$\frac{1}{3}$	$\Phi_{795}^2\ \Phi_{265}^2\ \Phi_{159}\ \Phi_{15}^2\ \Phi_5^2$
90167	1376	507	$\frac{6}{169}$	$\frac{1}{13}$	$\frac{163}{507}$	$\frac{1}{3}$	$\Phi_{507}^2\ \Phi_{169}^4\ \Phi_{39}^3\ \Phi_{13}^4\ \Phi_3^2\ \Phi_1^4$
90168	1376	1071	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{1071}^2\ \Phi_{153}^2\ \Phi_{51}$
90169	1376	1980	$\frac{1}{44}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{198}\ \Phi_{180}\ \Phi_{132}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
90170	1376	477	$\frac{1}{53}$	$\frac{26}{159}$	$\frac{133}{477}$	$\frac{1}{3}$	$\Phi_{477}^4\ \Phi_{159}\ \Phi_9^4$
90171	1376	285	$\frac{1}{57}$	$\frac{1}{5}$	$\frac{14}{57}$	$\frac{1}{3}$	$\Phi_{285}^6\ \Phi_{95}^6\ \Phi_{15}^7\ \Phi_5^6$
90172	1376	159	$\frac{1}{53}$	$\frac{10}{53}$	$\frac{13}{53}$	$\frac{1}{3}$	$\Phi_{159}^{13}\ \Phi_3^{12}$
90173	1376	2856	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{408}\ \Phi_{204}\ \Phi_{51}$
90174	1376	273	$\frac{5}{91}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{273}^8\ \Phi_{39}^5\ \Phi_{21}^8\ \Phi_3^4$
90175	1376	1395	$\frac{2}{45}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}\ \Phi_{155}\ \Phi_{45}^2\ \Phi_{31}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_1^2$
90176	1376	1755	$\frac{7}{351}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{195}\ \Phi_{135}\ \Phi_{65}\ \Phi_{15}$
90177	1376	660	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{165}^3\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{60}^3\ \Phi_{33}^4\ \Phi_{30}^3\ \Phi_{12}^4\ \Phi_6^4$
90178	1376	1995	$\frac{2}{57}$	$\frac{55}{399}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{105}\ \Phi_{35}\ \Phi_{15}$
90179	1376	45	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{45}^{30}\ \Phi_{15}^{31}\ \Phi_9^{32}\ \Phi_5^{30}\ \Phi_3^{32}\ \Phi_1^{32}$
90180	1376	285	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{285}^7\ \Phi_{57}^8\ \Phi_{15}^8\ \Phi_3^8$
90181	1376	2535	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{157}{845}$	$\frac{1}{3}$	$\Phi_{2535}\ \Phi_{195}\ \Phi_{39}\ \Phi_{15}$
90182	1376	1785	$\frac{1}{17}$	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{255}\ \Phi_{85}\ \Phi_{51}$
90183	1376	816	$\frac{1}{17}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{51}$
90184	1376	153	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{8}{51}$	$\frac{1}{3}$	$\Phi_{153}^{10}\ \Phi_{51}^7\ \Phi_{17}^6\ \Phi_9^{12}\ \Phi_3^8\ \Phi_1^8$
90185	1376	2499	$\frac{1}{17}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2499}\ \Phi_{51}$
90186	1376	255	$\frac{2}{85}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{83}{255}$	$\Phi_{255}^8\ \Phi_{51}^8\ \Phi_{15}^8\ \Phi_5^3\ \Phi_3^8\ \Phi_1^4$
90187	1376	1953	$\frac{1}{21}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{20}{63}$	$\Phi_{1953}\ \Phi_{279}\ \Phi_{63}^2\ \Phi_{31}\ \Phi_9^2\ \Phi_1^2$
90188	1376	315	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{20}{63}$	$\Phi_{315}^5\ \Phi_{105}^6\ \Phi_{45}^6\ \Phi_{35}^6\ \Phi_{15}^7\ \Phi_5^6$
90189	1376	891	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{203}{891}$	$\frac{94}{297}$	$\Phi_{891}^2\ \Phi_{99}^2\ \Phi_{81}^2\ \Phi_{33}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
90190	1376	125	$\frac{8}{125}$	$\frac{9}{125}$	$\frac{29}{125}$	$\frac{39}{125}$	$\Phi_{125}^{11}\ \Phi_{25}^{11}\ \Phi_5^{11}\ \Phi_1^{12}$
90191	1376	495	$\frac{3}{55}$	$\frac{14}{165}$	$\frac{13}{55}$	$\frac{151}{495}$	$\Phi_{495}^4\ \Phi_{99}^4\ \Phi_{55}\ \Phi_{45}^4\ \Phi_{11}\ \Phi_9^4\ \Phi_5\ \Phi_1^2$
90192	1376	495	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{1}{5}$	$\frac{151}{495}$	$\Phi_{495}^4\ \Phi_{99}^4\ \Phi_{45}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
90193	1376	495	$\frac{14}{165}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{151}{495}$	$\Phi_{495}^4\ \Phi_{99}^4\ \Phi_{45}^4\ \Phi_{33}^2\ \Phi_{11}\ \Phi_9^4\ \Phi_3^2\ \Phi_1^2$
90194	1376	230	$\frac{3}{46}$	$\frac{2}{23}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{230}^8\ \Phi_{115}^7\ \Phi_{10}^8\ \Phi_5^6$
90195	1376	225	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{53}{225}$	$\frac{22}{75}$	$\Phi_{225}^8\ \Phi_{45}^8\ \Phi_{25}^7\ \Phi_9^8\ \Phi_5^7\ \Phi_1^8$
90196	1376	45	$\frac{2}{45}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{45}^{30}\ \Phi_{15}^{32}\ \Phi_9^{30}\ \Phi_5^{31}\ \Phi_3^{32}\ \Phi_1^{32}$
90197	1376	2415	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{1}{5}$	$\frac{139}{483}$	$\Phi_{2415}\ \Phi_{345}\ \Phi_{115}\ \Phi_{105}\ \Phi_{15}$
90198	1376	660	$\frac{1}{33}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^3\ \Phi_{110}^2\ \Phi_{66}^3\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{44}^3\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{22}^3\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90199	1376	341	$\frac{9}{341}$	$\frac{2}{11}$	$\frac{83}{341}$	$\frac{3}{11}$	$\Phi_{341}^4\ \Phi_{31}^4\ \Phi_{11}^5\ \Phi_1^6$
90200	1376	195	$\frac{11}{195}$	$\frac{23}{195}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{195}^7\ \Phi_{65}^7\ \Phi_{39}^7\ \Phi_{15}^8\ \Phi_{13}^7\ \Phi_5^7\ \Phi_3^8\ \Phi_1^8$
90201	1376	735	$\frac{47}{735}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}^2\ \Phi_{105}\ \Phi_{49}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
90202	1376	231	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{18}{77}$	$\frac{59}{231}$	$\Phi_{231}^8\ \Phi_{77}^2\ \Phi_{33}^8\ \Phi_{21}^8\ \Phi_{11}\ \Phi_7^2\ \Phi_3^8\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
90203	1376	385	$\frac{3}{55}$	$\frac{41}{385}$	$\frac{13}{55}$	$\frac{14}{55}$	$\Phi_{385}^{4}\ \Phi_{77}^{4}\ \Phi_{55}\ \Phi_{35}^{4}\ \Phi_{11}\ \Phi_{7}^{4}\ \Phi_{5}\ \Phi_{1}^{2}$
90204	1376	115	$\frac{3}{115}$	$\frac{1}{5}$	$\frac{28}{115}$	$\frac{29}{115}$	$\Phi_{115}^{12}\ \Phi_{23}^{12}\ \Phi_{5}^{11}\ \Phi_{1}^{12}$
90205	1376	55	$\frac{3}{55}$	$\frac{7}{55}$	$\frac{12}{55}$	$\frac{13}{55}$	$\Phi_{55}^{25}\ \Phi_{11}^{25}\ \Phi_{5}^{25}\ \Phi_{1}^{26}$
90206	1376	225	$\frac{13}{225}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{53}{225}$	$\Phi_{225}^{6}\ \Phi_{75}^{6}\ \Phi_{45}^{6}\ \Phi_{25}^{6}\ \Phi_{15}^{8}\ \Phi_{9}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
90207	1376	1736	$\frac{1}{14}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{13}{56}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{248}\ \Phi_{124}\ \Phi_{56}^{2}\ \Phi_{31}\ \Phi_{28}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
90208	1376	2520	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{13}{56}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{420}\ \Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{60}\ \Phi_{45}\ \Phi_{15}$
90209	1376	1488	$\frac{3}{31}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{7}{31}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}\ \Phi_{372}\ \Phi_{248}\ \Phi_{124}\ \Phi_{48}^{2}\ \Phi_{31}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
90210	1376	1519	$\frac{3}{31}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{7}{31}$	$\Phi_{1519}\ \Phi_{49}^{2}\ \Phi_{31}\ \Phi_{1}^{2}$
90211	1376	99	$\frac{1}{11}$	$\frac{13}{99}$	$\frac{5}{33}$	$\frac{7}{33}$	$\Phi_{99}^{16}\ \Phi_{33}^{10}\ \Phi_{11}^{9}\ \Phi_{9}^{16}\ \Phi_{3}^{10}\ \Phi_{1}^{10}$
90212	1376	45	$\frac{2}{45}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{45}^{32}\ \Phi_{15}^{32}\ \Phi_{9}^{32}\ \Phi_{5}^{19}\ \Phi_{3}^{32}\ \Phi_{1}^{20}$
90213	1376	425	$\frac{4}{85}$	$\frac{81}{425}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{425}^{4}\ \Phi_{25}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
90214	1376	255	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{255}^{6}\ \Phi_{85}^{3}\ \Phi_{51}^{8}\ \Phi_{17}^{4}\ \Phi_{15}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
90215	1376	375	$\frac{31}{375}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{5}$	$\Phi_{375}^{4}\ \Phi_{125}^{4}\ \Phi_{75}^{2}\ \Phi_{25}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
90216	1376	720	$\frac{5}{48}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{2}\ \Phi_{180}^{3}\ \Phi_{120}^{2}\ \Phi_{80}^{2}\ \Phi_{60}^{2}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{15}$
90217	1376	405	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{61}{405}$	$\frac{1}{5}$	$\Phi_{405}^{4}\ \Phi_{135}^{2}\ \Phi_{81}^{4}\ \Phi_{45}^{2}\ \Phi_{27}^{2}\ \Phi_{15}^{4}\ \Phi_{9}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
90218	1376	2205	$\frac{1}{9}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{45}\ \Phi_{15}$
90219	1376	825	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{137}{825}$	$\frac{28}{165}$	$\Phi_{825}^{2}\ \Phi_{275}^{2}\ \Phi_{75}^{2}\ \Phi_{33}^{2}\ \Phi_{25}^{2}\ \Phi_{11}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
90220	1377	1840	$\frac{3}{460}$	$\frac{1}{4}$	$\frac{463}{1840}$	$\frac{457}{920}$	$\Phi_{1840}\ \Phi_{460}\ \Phi_{368}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}\ \Phi_{80}\ \Phi_{46}\ \Phi_{23}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
90221	1377	304	$\frac{1}{152}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{151}{304}$	$\Phi_{304}\ \Phi_{152}^{8}\ \Phi_{76}^{8}\ \Phi_{38}^{8}\ \Phi_{19}^{8}\ \Phi_{16}^{2}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
90222	1377	304	$\frac{1}{152}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{151}{304}$	$\Phi_{304}^{9}\ \Phi_{16}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90223	1377	1820	$\frac{4}{455}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{451}{910}$	$\Phi_{1820}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{140}\ \Phi_{91}\ \Phi_{65}\ \Phi_{52}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}^{2}\ \Phi_{13}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
90224	1377	184	$\frac{1}{92}$	$\frac{31}{184}$	$\frac{1}{4}$	$\frac{91}{184}$	$\Phi_{184}^{6}\ \Phi_{92}^{9}\ \Phi_{46}^{9}\ \Phi_{23}^{9}\ \Phi_{8}^{6}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
90225	1377	160	$\frac{1}{80}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{79}{160}$	$\Phi_{160}\ \Phi_{80}^{16}\ \Phi_{40}^{16}\ \Phi_{32}^{2}\ \Phi_{20}^{16}\ \Phi_{16}^{16}\ \Phi_{10}^{16}\ \Phi_{8}^{16}\ \Phi_{5}^{16}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
90226	1377	480	$\frac{1}{80}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{79}{160}$	$\Phi_{480}^{8}\ \Phi_{160}\ \Phi_{96}^{8}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
90227	1377	160	$\frac{1}{80}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{79}{160}$	$\Phi_{160}^{17}\ \Phi_{32}^{17}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
90228	1377	1300	$\frac{1}{50}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{49}{100}$	$\Phi_{650}^{2}\ \Phi_{325}^{2}\ \Phi_{130}^{2}\ \Phi_{100}\ \Phi_{65}^{2}\ \Phi_{52}\ \Phi_{50}^{2}\ \Phi_{26}^{2}\ \Phi_{25}^{2}\ \Phi_{20}\ \Phi_{13}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90229	1377	1300	$\frac{1}{50}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{49}{100}$	$\Phi_{1300}^{2}\ \Phi_{260}^{2}\ \Phi_{100}^{3}\ \Phi_{52}^{2}\ \Phi_{20}^{3}\ \Phi_{13}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
90230	1377	100	$\frac{1}{50}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{49}{100}$	$\Phi_{100}^{9}\ \Phi_{50}^{18}\ \Phi_{25}^{18}\ \Phi_{20}^{11}\ \Phi_{10}^{19}\ \Phi_{5}^{19}\ \Phi_{4}^{10}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
90231	1377	896	$\frac{11}{448}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{437}{896}$	$\Phi_{896}^{3}\ \Phi_{128}^{3}\ \Phi_{64}\ \Phi_{1}$
90232	1377	896	$\frac{11}{448}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{437}{896}$	$\Phi_{896}^{3}\ \Phi_{128}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90233	1377	1792	$\frac{1}{32}$	$\frac{33}{448}$	$\frac{415}{1792}$	$\frac{31}{64}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{1}$
90234	1377	512	$\frac{1}{32}$	$\frac{53}{512}$	$\frac{11}{64}$	$\frac{31}{64}$	$\Phi_{512}^{3}\ \Phi_{256}^{3}\ \Phi_{128}^{3}\ \Phi_{64}\ \Phi_{1}$
90235	1377	1856	$\frac{15}{464}$	$\frac{1}{16}$	$\frac{479}{1856}$	$\frac{449}{928}$	$\Phi_{1856}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{64}\ \Phi_{58}\ \Phi_{29}\ \Phi_{1}$
90236	1377	1472	$\frac{3}{92}$	$\frac{95}{1472}$	$\frac{1}{4}$	$\frac{89}{184}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{368}\ \Phi_{92}\ \Phi_{64}\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_{16}\ \Phi_{1}$
90237	1377	1300	$\frac{1}{26}$	$\frac{1}{25}$	$\frac{8}{25}$	$\frac{25}{52}$	$\Phi_{1300}^{2}\ \Phi_{260}^{2}\ \Phi_{100}^{2}\ \Phi_{52}^{3}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
90238	1377	468	$\frac{1}{26}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{468}^{2}\ \Phi_{234}^{4}\ \Phi_{156}^{2}\ \Phi_{117}^{4}\ \Phi_{78}^{4}\ \Phi_{52}\ \Phi_{39}^{4}\ \Phi_{36}^{4}\ \Phi_{26}^{2}\ \Phi_{18}^{5}\ \Phi_{13}^{2}\ \Phi_{12}^{4}\ \Phi_{9}^{5}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90239	1377	2860	$\frac{1}{26}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{2860}\ \Phi_{572}\ \Phi_{220}\ \Phi_{55}\ \Phi_{52}\ \Phi_{44}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
90240	1377	260	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{25}{52}$	$\Phi_{260}^{4}\ \Phi_{130}^{6}\ \Phi_{65}^{6}\ \Phi_{52}^{5}\ \Phi_{26}^{6}\ \Phi_{20}^{7}\ \Phi_{13}^{6}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
90241	1377	490	$\frac{2}{49}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{47}{98}$	$\Phi_{490}^{3}\ \Phi_{245}^{3}\ \Phi_{70}^{4}\ \Phi_{49}^{3}\ \Phi_{35}^{4}\ \Phi_{14}\ \Phi_{10}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
90242	1377	880	$\frac{19}{440}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{421}{880}$	$\Phi_{880}^{3}\ \Phi_{176}^{3}\ \Phi_{80}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90243	1377	880	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{23}{176}$	$\frac{21}{44}$	$\Phi_{880}^{2}\ \Phi_{440}^{2}\ \Phi_{176}\ \Phi_{110}^{2}\ \Phi_{88}\ \Phi_{80}^{2}\ \Phi_{55}^{2}\ \Phi_{40}^{2}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
90244	1377	160	$\frac{7}{160}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{160}^{9}\ \Phi_{80}^{9}\ \Phi_{40}^{6}\ \Phi_{32}^{9}\ \Phi_{20}^{9}\ \Phi_{16}^{9}\ \Phi_{10}^{9}\ \Phi_{8}^{6}\ \Phi_{5}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
90245	1377	1748	$\frac{1}{23}$	$\frac{22}{437}$	$\frac{1}{4}$	$\frac{415}{874}$	$\Phi_{1748}\ \Phi_{437}\ \Phi_{92}^{2}\ \Phi_{76}\ \Phi_{46}\ \Phi_{23}\ \Phi_{19}\ \Phi_{4}\ \Phi_{1}$
90246	1377	160	$\frac{1}{40}$	$\frac{1}{16}$	$\frac{13}{40}$	$\frac{15}{32}$	$\Phi_{160}^{16}\ \Phi_{40}^{2}\ \Phi_{32}^{17}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90247	1377	224	$\frac{1}{28}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{224}^{12}\ \Phi_{32}^{9}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90248	1377	2720	$\frac{4}{85}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{85}\ \Phi_{32}\ \Phi_{17}\ \Phi_{1}$
90249	1377	800	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{19}{100}$	$\frac{15}{32}$	$\Phi_{800}^{4}\ \Phi_{100}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{1}$
90250	1377	32	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{15}{32}$	$\Phi_{32}^{36}\ \Phi_{16}^{50}\ \Phi_{8}^{50}\ \Phi_{4}^{50}\ \Phi_{2}^{50}\ \Phi_{1}^{51}$
90251	1377	352	$\frac{1}{16}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{15}{32}$	$\Phi_{352}^{8}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
90252	1377	160	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{15}{32}$	$\Phi_{160}^{16}\ \Phi_{32}^{17}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
90253	1377	860	$\frac{1}{43}$	$\frac{29}{430}$	$\frac{14}{43}$	$\frac{401}{860}$	$\Phi_{860}^{3}\ \Phi_{172}^{3}\ \Phi_{43}^{2}\ \Phi_{20}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
90254	1377	2576	$\frac{3}{92}$	$\frac{89}{1288}$	$\frac{1}{4}$	$\frac{1199}{2576}$	$\Phi_{2576}\ \Phi_{368}\ \Phi_{112}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_{1}$
90255	1377	1430	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{133}{286}$	$\Phi_{1430}\ \Phi_{715}\ \Phi_{143}\ \Phi_{130}\ \Phi_{110}^{2}\ \Phi_{65}\ \Phi_{55}^{2}\ \Phi_{22}\ \Phi_{13}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
90256	1377	280	$\frac{1}{14}$	$\frac{5}{56}$	$\frac{1}{10}$	$\frac{13}{28}$	$\Phi_{280}^{6}\ \Phi_{140}^{4}\ \Phi_{70}^{6}\ \Phi_{56}^{3}\ \Phi_{40}^{6}\ \Phi_{35}^{6}\ \Phi_{28}^{2}\ \Phi_{20}^{4}\ \Phi_{14}^{3}\ \Phi_{10}^{5}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90257	1377	2560	$\frac{1}{32}$	$\frac{97}{1280}$	$\frac{31}{128}$	$\frac{1183}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{128}\ \Phi_{64}\ \Phi_{1}$
90258	1377	1892	$\frac{1}{43}$	$\frac{42}{473}$	$\frac{515}{1892}$	$\frac{431}{946}$	$\Phi_{1892}\ \Phi_{473}\ \Phi_{172}\ \Phi_{44}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
90259	1377	280	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{10}$	$\frac{127}{280}$	$\Phi_{280}^{9}\ \Phi_{70}^{2}\ \Phi_{56}^{9}\ \Phi_{40}^{9}\ \Phi_{35}^{2}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}^{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
90260	1377	92	$\frac{1}{46}$	$\frac{5}{46}$	$\frac{1}{4}$	$\frac{41}{92}$	$\Phi_{92}^{11}\ \Phi_{46}^{19}\ \Phi_{23}^{19}\ \Phi_{4}^{10}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
90261	1377	304	$\frac{1}{76}$	$\frac{1}{8}$	$\frac{25}{76}$	$\frac{7}{16}$	$\Phi_{304}^{8}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{16}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90262	1377	208	$\frac{1}{52}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{208}^{12}\ \Phi_{52}^{3}\ \Phi_{26}^{3}\ \Phi_{16}^{9}\ \Phi_{13}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90263	1377	1520	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{37}{190}$	$\frac{7}{16}$	$\Phi_{1520}^{2}\ \Phi_{190}\ \Phi_{95}\ \Phi_{80}^{2}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
90264	1377	160	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{160}^{9}\ \Phi_{80}^{9}\ \Phi_{40}^{9}\ \Phi_{32}^{9}\ \Phi_{20}^{9}\ \Phi_{16}^{2}\ \Phi_{10}^{9}\ \Phi_{8}^{8}\ \Phi_{5}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
90265	1377	304	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{304}^{8}\ \Phi_{19}^{8}\ \Phi_{16}^{9}\ \Phi_{1}^{9}$
90266	1377	720	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{720}^{4}\ \Phi_{240}^{4}\ \Phi_{144}^{2}\ \Phi_{90}^{2}\ \Phi_{80}^{2}\ \Phi_{48}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
90267	1377	1230	$\frac{1}{82}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{410}\ \Phi_{246}^{2}\ \Phi_{205}\ \Phi_{123}^{2}\ \Phi_{82}\ \Phi_{41}\ \Phi_{15}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
90268	1377	1400	$\frac{23}{1400}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{56}\ \Phi_{50}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
90269	1377	440	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{7}{44}$	$\frac{37}{88}$	$\Phi_{440}^{6}\ \Phi_{110}^{2}\ \Phi_{88}^{3}\ \Phi_{55}^{2}\ \Phi_{40}^{6}\ \Phi_{22}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{5}\ \Phi_{1}$
90270	1377	984	$\frac{1}{82}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{984}^{2}\ \Phi_{328}^{2}\ \Phi_{246}^{2}\ \Phi_{123}^{2}\ \Phi_{82}\ \Phi_{41}\ \Phi_{24}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
90271	1377	512	$\frac{1}{32}$	$\frac{53}{512}$	$\frac{31}{128}$	$\frac{97}{256}$	$\Phi_{512}^{3}\ \Phi_{256}^{2}\ \Phi_{128}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90272	1377	736	$\frac{1}{92}$	$\frac{91}{368}$	$\frac{1}{4}$	$\frac{277}{736}$	$\Phi_{736}^{3}\ \Phi_{92}^{3}\ \Phi_{46}^{3}\ \Phi_{32}^{3}\ \Phi_{23}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90273	1377	464	$\frac{5}{464}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{464}^{3}\ \Phi_{232}^{3}\ \Phi_{116}^{3}\ \Phi_{58}^{3}\ \Phi_{29}^{3}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90274	1377	416	$\frac{1}{52}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{416}^{4}\ \Phi_{208}^{4}\ \Phi_{52}^{3}\ \Phi_{32}^{3}\ \Phi_{26}^{3}\ \Phi_{16}^{3}\ \Phi_{13}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90275	1377	56	$\frac{1}{28}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{56}^{23}\ \Phi_{28}^{26}\ \Phi_{14}^{26}\ \Phi_{8}^{24}\ \Phi_{7}^{26}\ \Phi_{4}^{26}\ \Phi_{2}^{26}\ \Phi_{1}^{27}$
90276	1377	364	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{364}^{4}\ \Phi_{182}^{4}\ \Phi_{91}^{4}\ \Phi_{52}^{3}\ \Phi_{28}^{4}\ \Phi_{26}^{3}\ \Phi_{14}\ \Phi_{13}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
90277	1377	473	$\frac{14}{473}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{473}^{3}\ \Phi_{43}^{2}\ \Phi_{11}^{3}\ \Phi_{1}^{3}$
90278	1377	704	$\frac{1}{32}$	$\frac{31}{352}$	$\frac{107}{352}$	$\frac{245}{704}$	$\Phi_{704}^{3}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{64}^{3}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
90279	1377	364	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{364}^{4}\ \Phi_{182}^{4}\ \Phi_{91}^{4}\ \Phi_{52}^{4}\ \Phi_{28}^{3}\ \Phi_{26}\ \Phi_{14}^{3}\ \Phi_{13}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
90280	1377	160	$\frac{7}{160}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{160}^{9}\ \Phi_{80}^{9}\ \Phi_{40}^{9}\ \Phi_{32}^{6}\ \Phi_{20}^{9}\ \Phi_{16}^{8}\ \Phi_{10}^{9}\ \Phi_{8}^{8}\ \Phi_{5}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
90281	1377	172	$\frac{1}{43}$	$\frac{19}{172}$	$\frac{14}{43}$	$\frac{29}{86}$	$\Phi_{172}^{9}\ \Phi_{86}^{6}\ \Phi_{43}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
90282	1377	460	$\frac{1}{115}$	$\frac{1}{4}$	$\frac{38}{115}$	$\frac{77}{230}$	$\Phi_{460}^{4}\ \Phi_{230}\ \Phi_{115}^{3}\ \Phi_{92}^{4}\ \Phi_{46}\ \Phi_{23}^{3}\ \Phi_{20}^{4}\ \Phi_{10}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
90283	1377	688	$\frac{1}{172}$	$\frac{57}{172}$	$\frac{229}{688}$	$\frac{115}{344}$	$\Phi_{688}^{3}\ \Phi_{172}^{2}\ \Phi_{86}^{2}\ \Phi_{43}^{2}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90284	1377	76	$\frac{1}{76}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{25}{76}$	$\Phi_{76}^{18}\ \Phi_{38}^{18}\ \Phi_{19}^{18}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
90285	1377	344	$\frac{5}{344}$	$\frac{77}{344}$	$\frac{89}{344}$	$\frac{113}{344}$	$\Phi_{344}^{4}\ \Phi_{172}^{4}\ \Phi_{86}^{4}\ \Phi_{43}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
90286	1377	460	$\frac{7}{460}$	$\frac{103}{460}$	$\frac{1}{4}$	$\frac{151}{460}$	$\Phi_{460}^{3}\ \Phi_{230}^{3}\ \Phi_{115}^{3}\ \Phi_{92}^{3}\ \Phi_{46}^{3}\ \Phi_{23}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90287	1377	184	$\frac{1}{46}$	$\frac{31}{184}$	$\frac{1}{4}$	$\frac{15}{46}$	$\Phi_{184}^{9}\ \Phi_{92}^{5}\ \Phi_{46}^{7}\ \Phi_{23}^{7}\ \Phi_{8}^{9}\ \Phi_{4}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
90288	1377	215	$\frac{1}{43}$	$\frac{29}{215}$	$\frac{62}{215}$	$\frac{14}{43}$	$\Phi_{215}^{6}\ \Phi_{43}^{8}\ \Phi_{5}^{6}\ \Phi_{1}^{9}$
90289	1377	120	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{13}{40}$	$\Phi_{120}^{16}\ \Phi_{60}^{16}\ \Phi_{40}^{2}\ \Phi_{30}^{16}\ \Phi_{24}^{17}\ \Phi_{20}^{2}\ \Phi_{15}^{16}\ \Phi_{12}^{17}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{17}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{17}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90290	1377	40	$\frac{1}{40}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{13}{40}$	$\Phi_{40}^{34}\ \Phi_{20}^{35}\ \Phi_{10}^{35}\ \Phi_{8}^{34}\ \Phi_{5}^{35}\ \Phi_{4}^{34}\ \Phi_{2}^{34}\ \Phi_{1}^{35}$
90291	1377	325	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{8}{25}$	$\Phi_{325}^{4}\ \Phi_{65}^{4}\ \Phi_{25}^{6}\ \Phi_{13}^{6}\ \Phi_{5}^{6}\ \Phi_{1}^{9}$
90292	1377	100	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{8}{25}$	$\Phi_{100}^{18}\ \Phi_{50}^{8}\ \Phi_{25}^{10}\ \Phi_{20}^{20}\ \Phi_{10}^{9}\ \Phi_{5}^{11}\ \Phi_{4}^{19}\ \Phi_{2}^{8}\ \Phi_{1}^{11}$
90293	1377	172	$\frac{7}{172}$	$\frac{13}{172}$	$\frac{53}{172}$	$\frac{55}{172}$	$\Phi_{172}^{8}\ \Phi_{86}^{8}\ \Phi_{43}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
90294	1377	172	$\frac{7}{172}$	$\frac{19}{172}$	$\frac{39}{172}$	$\frac{55}{172}$	$\Phi_{172}^{8}\ \Phi_{86}^{8}\ \Phi_{43}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
90295	1377	110	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{5}{22}$	$\frac{7}{22}$	$\Phi_{110}^{14}\ \Phi_{55}^{14}\ \Phi_{22}^{7}\ \Phi_{11}^{7}\ \Phi_{10}^{13}\ \Phi_{5}^{13}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
90296	1377	224	$\frac{11}{224}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{71}{224}$	$\Phi_{224}^{6}\ \Phi_{112}^{6}\ \Phi_{56}^{6}\ \Phi_{32}^{6}\ \Phi_{28}^{6}\ \Phi_{16}^{8}\ \Phi_{14}^{6}\ \Phi_{8}^{8}\ \Phi_{7}^{6}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
90297	1377	688	$\frac{37}{688}$	$\frac{59}{688}$	$\frac{157}{688}$	$\frac{217}{688}$	$\Phi_{688}^{2}\ \Phi_{344}^{2}\ \Phi_{172}^{2}\ \Phi_{86}^{2}\ \Phi_{43}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90298	1377	92	$\frac{5}{92}$	$\frac{7}{92}$	$\frac{1}{4}$	$\frac{29}{92}$	$\Phi_{92}^{15}\ \Phi_{46}^{15}\ \Phi_{23}^{15}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
90299	1377	560	$\frac{1}{16}$	$\frac{11}{112}$	$\frac{101}{560}$	$\frac{5}{16}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{80}^{3}\ \Phi_{70}^{3}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90300	1377	512	$\frac{1}{16}$	$\frac{53}{512}$	$\frac{11}{64}$	$\frac{5}{16}$	$\Phi_{512}^{3}\ \Phi_{256}^{3}\ \Phi_{128}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90301	1377	468	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{468}^{4}\ \Phi_{234}^{2}\ \Phi_{156}^{4}\ \Phi_{117}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{39}^{2}\ \Phi_{36}^{6}\ \Phi_{18}^{3}\ \Phi_{13}^{2}\ \Phi_{12}^{6}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
90302	1377	715	$\frac{4}{55}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{715}^{2}\ \Phi_{143}^{2}\ \Phi_{55}^{3}\ \Phi_{13}^{2}\ \Phi_{11}^{3}\ \Phi_{1}^{3}$
90303	1377	260	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{4}{13}$	$\Phi_{260}^{6}\ \Phi_{130}^{4}\ \Phi_{65}^{4}\ \Phi_{52}^{6}\ \Phi_{26}^{4}\ \Phi_{20}^{9}\ \Phi_{13}^{6}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
90304	1377	738	$\frac{1}{18}$	$\frac{7}{82}$	$\frac{19}{82}$	$\frac{25}{82}$	$\Phi_{738}^{2}\ \Phi_{369}^{2}\ \Phi_{246}^{2}\ \Phi_{123}^{2}\ \Phi_{82}\ \Phi_{41}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
90305	1377	220	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{1}{4}$	$\frac{67}{220}$	$\Phi_{220}^{6}\ \Phi_{110}^{6}\ \Phi_{55}^{6}\ \Phi_{44}^{6}\ \Phi_{22}^{9}\ \Phi_{20}^{6}\ \Phi_{11}^{9}\ \Phi_{10}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
90306	1377	160	$\frac{7}{160}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{160}^{9}\ \Phi_{80}^{9}\ \Phi_{40}^{9}\ \Phi_{32}^{9}\ \Phi_{20}^{5}\ \Phi_{16}^{9}\ \Phi_{10}^{7}\ \Phi_{8}^{9}\ \Phi_{5}^{7}\ \Phi_{4}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
90307	1377	688	$\frac{31}{688}$	$\frac{73}{688}$	$\frac{161}{688}$	$\frac{205}{688}$	$\Phi_{688}^{2}\ \Phi_{344}^{2}\ \Phi_{172}^{2}\ \Phi_{86}^{2}\ \Phi_{43}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90308	1377	460	$\frac{19}{460}$	$\frac{49}{460}$	$\frac{1}{4}$	$\frac{137}{460}$	$\Phi_{460}^{3}\ \Phi_{230}^{3}\ \Phi_{115}^{3}\ \Phi_{92}^{3}\ \Phi_{46}^{3}\ \Phi_{23}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90309	1377	168	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{168}^{12}\ \Phi_{84}^{12}\ \Phi_{42}^{12}\ \Phi_{28}^{3}\ \Phi_{24}^{9}\ \Phi_{21}^{12}\ \Phi_{14}^{3}\ \Phi_{12}^{9}\ \Phi_{7}^{3}\ \Phi_{6}^{9}\ \Phi_{4}^{2}\ \Phi_{3}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90310	1377	2040	$\frac{4}{85}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{102}\ \Phi_{85}\ \Phi_{51}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
90311	1377	600	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{19}{100}$	$\frac{7}{24}$	$\Phi_{600}^{4}\ \Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{100}\ \Phi_{75}^{4}\ \Phi_{50}\ \Phi_{25}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
90312	1377	96	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{7}{24}$	$\Phi_{96}^{24}\ \Phi_{48}^{16}\ \Phi_{32}^{3}\ \Phi_{24}^{17}\ \Phi_{16}^{2}\ \Phi_{12}^{17}\ \Phi_{8}^{2}\ \Phi_{6}^{17}\ \Phi_{4}^{2}\ \Phi_{3}^{17}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90313	1377	264	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{264}^{8}\ \Phi_{132}^{8}\ \Phi_{88}\ \Phi_{66}^{8}\ \Phi_{44}\ \Phi_{33}^{8}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
90314	1377	120	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{120}^{16}\ \Phi_{60}^{16}\ \Phi_{30}^{16}\ \Phi_{24}^{17}\ \Phi_{15}^{16}\ \Phi_{12}^{17}\ \Phi_{10}^{8}\ \Phi_{6}^{17}\ \Phi_{5}^{8}\ \Phi_{3}^{17}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
90315	1377	644	$\frac{3}{92}$	$\frac{89}{644}$	$\frac{1}{4}$	$\frac{185}{644}$	$\Phi_{644}^{2}\ \Phi_{322}^{2}\ \Phi_{161}^{2}\ \Phi_{92}^{3}\ \Phi_{46}^{3}\ \Phi_{28}^{2}\ \Phi_{23}^{3}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90316	1377	280	$\frac{5}{56}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{280}^{6}\ \Phi_{140}^{6}\ \Phi_{70}^{4}\ \Phi_{56}^{3}\ \Phi_{40}^{6}\ \Phi_{35}^{4}\ \Phi_{28}^{3}\ \Phi_{20}^{6}\ \Phi_{14}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
90317	1377	640	$\frac{1}{32}$	$\frac{97}{640}$	$\frac{31}{128}$	$\frac{181}{640}$	$\Phi_{640}^{2}\ \Phi_{320}^{2}\ \Phi_{160}^{2}\ \Phi_{128}^{3}\ \Phi_{80}^{2}\ \Phi_{64}^{3}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90318	1377	70	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{70}$	$\frac{19}{70}$	$\Phi_{70}^{20}\ \Phi_{35}^{20}\ \Phi_{14}^{19}\ \Phi_{10}^{19}\ \Phi_{7}^{19}\ \Phi_{5}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
90319	1377	52	$\frac{1}{52}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{52}^{27}\ \Phi_{26}^{27}\ \Phi_{13}^{27}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
90320	1377	608	$\frac{3}{152}$	$\frac{149}{608}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{608}^{3}\ \Phi_{304}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90321	1377	380	$\frac{1}{38}$	$\frac{37}{190}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{380}^{4}\ \Phi_{190}^{5}\ \Phi_{95}^{5}\ \Phi_{20}^{4}\ \Phi_{10}^{5}\ \Phi_{5}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90322	1377	140	$\frac{1}{28}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^{12}\ \Phi_{70}^{12}\ \Phi_{35}^{12}\ \Phi_{28}^{3}\ \Phi_{20}^{9}\ \Phi_{14}^{3}\ \Phi_{10}^{9}\ \Phi_{7}^{3}\ \Phi_{5}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90323	1377	532	$\frac{3}{76}$	$\frac{73}{532}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{532}^{3}\ \Phi_{266}^{3}\ \Phi_{133}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90324	1377	160	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{160}^{9}\ \Phi_{80}^{9}\ \Phi_{40}^{9}\ \Phi_{32}^{9}\ \Phi_{20}^{9}\ \Phi_{16}^{9}\ \Phi_{10}^{9}\ \Phi_{5}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90325	1377	76	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{76}^{16}\ \Phi_{38}^{16}\ \Phi_{19}^{24}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{27}$
90326	1377	180	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{180}^{8}\ \Phi_{90}^{10}\ \Phi_{60}^{8}\ \Phi_{45}^{10}\ \Phi_{36}^{4}\ \Phi_{30}^{10}\ \Phi_{20}^{4}\ \Phi_{18}^{5}\ \Phi_{15}^{10}\ \Phi_{12}^{4}\ \Phi_{10}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{5}\ \Phi_{5}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90327	1377	200	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{47}{200}$	$\frac{1}{4}$	$\Phi_{200}^{9}\ \Phi_{100}^{3}\ \Phi_{50}^{6}\ \Phi_{40}^{9}\ \Phi_{25}^{6}\ \Phi_{20}^{5}\ \Phi_{10}^{7}\ \Phi_{8}^{9}\ \Phi_{5}^{7}\ \Phi_{4}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
90328	1377	160	$\frac{7}{160}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{160}^{9}\ \Phi_{80}^{8}\ \Phi_{40}^{8}\ \Phi_{32}^{9}\ \Phi_{20}^{9}\ \Phi_{16}^{8}\ \Phi_{10}^{9}\ \Phi_{8}^{8}\ \Phi_{5}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
90329	1377	448	$\frac{1}{28}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{448}^{4}\ \Phi_{224}^{4}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90330	1377	340	$\frac{4}{85}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{340}^{4}\ \Phi_{170}^{4}\ \Phi_{85}^{5}\ \Phi_{68}^{4}\ \Phi_{34}^{4}\ \Phi_{20}\ \Phi_{17}^{5}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
90331	1377	520	$\frac{4}{65}$	$\frac{61}{520}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{520}^{3}\ \Phi_{260}^{2}\ \Phi_{130}^{2}\ \Phi_{104}^{3}\ \Phi_{65}^{3}\ \Phi_{52}^{2}\ \Phi_{40}^{3}\ \Phi_{26}^{2}\ \Phi_{20}^{3}\ \Phi_{13}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90332	1377	980	$\frac{31}{490}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{980}^{2}\ \Phi_{490}\ \Phi_{245}\ \Phi_{196}^{2}\ \Phi_{140}\ \Phi_{98}\ \Phi_{49}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
90333	1377	220	$\frac{4}{55}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{220}^{9}\ \Phi_{110}^{4}\ \Phi_{55}^{5}\ \Phi_{44}^{9}\ \Phi_{22}^{4}\ \Phi_{20}^{2}\ \Phi_{11}^{5}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
90334	1377	100	$\frac{1}{20}$	$\frac{3}{20}$	$\frac{19}{100}$	$\frac{1}{4}$	$\Phi_{100}^{17}\ \Phi_{50}^{17}\ \Phi_{25}^{17}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
90335	1377	500	$\frac{41}{500}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{4}$	$\Phi_{500}^{3}\ \Phi_{250}^{3}\ \Phi_{125}^{3}\ \Phi_{100}\ \Phi_{50}^{2}\ \Phi_{25}^{2}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90336	1377	160	$\frac{1}{16}$	$\frac{3}{20}$	$\frac{5}{32}$	$\frac{1}{4}$	$\Phi_{160}^{12}\ \Phi_{80}^{8}\ \Phi_{40}^{8}\ \Phi_{32}^{3}\ \Phi_{20}^{9}\ \Phi_{16}^{2}\ \Phi_{10}^{9}\ \Phi_{8}^{2}\ \Phi_{5}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
90337	1377	440	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{440}^{4}\ \Phi_{220}^{4}\ \Phi_{110}^{4}\ \Phi_{88}\ \Phi_{55}^{4}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
90338	1377	20	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{20}^{65}\ \Phi_{10}^{73}\ \Phi_{5}^{73}\ \Phi_{4}^{64}\ \Phi_{2}^{72}\ \Phi_{1}^{73}$
90339	1377	110	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{5}{22}$	$\Phi_{110}^{14}\ \Phi_{55}^{14}\ \Phi_{22}^{5}\ \Phi_{11}^{9}\ \Phi_{10}^{13}\ \Phi_{5}^{13}\ \Phi_{2}^{4}\ \Phi_{1}^{9}$
90340	1377	980	$\frac{1}{10}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{196}$	$\Phi_{980}^{2}\ \Phi_{490}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}^{2}\ \Phi_{70}^{2}\ \Phi_{49}\ \Phi_{35}^{2}\ \Phi_{28}\ \Phi_{20}^{2}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
90341	1377	64	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{13}{64}$	$\Phi_{64}^{27}\ \Phi_{32}^{14}\ \Phi_{16}^{18}\ \Phi_{8}^{18}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
90342	1378	1374	$\frac{2}{687}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{685}{1374}$	$\Phi_{1374}^{2}\ \Phi_{458}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
90343	1378	2760	$\frac{1}{230}$	$\frac{231}{920}$	$\frac{1}{3}$	$\frac{229}{460}$	$\Phi_{2760}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{138}\ \Phi_{120}\ \Phi_{69}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{6}$
90344	1378	4110	$\frac{4}{685}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{681}{1370}$	$\Phi_{4110}\ \Phi_{822}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
90345	1378	1224	$\frac{1}{153}$	$\frac{77}{612}$	$\frac{535}{1224}$	$\frac{76}{153}$	$\Phi_{1224}^{2}\ \Phi_{408}^{2}\ \Phi_{153}\ \Phi_{136}^{2}\ \Phi_{72}^{2}\ \Phi_{51}\ \Phi_{24}^{2}\ \Phi_{17}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
90346	1378	918	$\frac{1}{153}$	$\frac{229}{918}$	$\frac{77}{306}$	$\frac{76}{153}$	$\Phi_{918}^{2}\ \Phi_{459}^{2}\ \Phi_{153}\ \Phi_{54}^{2}\ \Phi_{51}\ \Phi_{27}^{2}\ \Phi_{17}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
90347	1378	828	$\frac{1}{138}$	$\frac{139}{828}$	$\frac{1}{3}$	$\frac{137}{276}$	$\Phi_{828}^{2}\ \Phi_{414}^{2}\ \Phi_{207}^{2}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{36}^{2}\ \Phi_{23}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
90348	1378	1368	$\frac{5}{684}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{679}{1368}$	$\Phi_{1368}^{2}\ \Phi_{456}^{2}\ \Phi_{152}^{2}\ \Phi_{72}^{2}\ \Phi_{24}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
90349	1378	1368	$\frac{5}{684}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{679}{1368}$	$\Phi_{1368}^{2}\ \Phi_{456}^{2}\ \Phi_{152}^{2}\ \Phi_{72}^{2}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
90350	1378	840	$\frac{1}{105}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{52}{105}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{105}\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{15}\ \Phi_8^4\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
90351	1378	105	$\frac{1}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{52}{105}$	$\Phi_{105}^{13}\ \Phi_{35}^{13}\ \Phi_{21}^{13}\ \Phi_{15}^{14}\ \Phi_7^{13}\ \Phi_5^{14}\ \Phi_3^{13}\ \Phi_1^{14}$
90352	1378	630	$\frac{1}{105}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{52}{105}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{126}^3\ \Phi_{105}\ \Phi_{90}^3\ \Phi_{63}^3\ \Phi_{45}^3\ \Phi_{35}\ \Phi_{21}\ \Phi_{18}^4\ \Phi_{15}\ \Phi_9^4\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
90353	1378	1680	$\frac{1}{105}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{52}{105}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
90354	1378	1296	$\frac{1}{81}$	$\frac{41}{648}$	$\frac{607}{1296}$	$\frac{40}{81}$	$\Phi_{1296}^2\ \Phi_{432}^2\ \Phi_{144}^2\ \Phi_{81}\ \Phi_{48}^2\ \Phi_{27}\ \Phi_{16}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
90355	1378	972	$\frac{1}{81}$	$\frac{41}{324}$	$\frac{283}{972}$	$\frac{40}{81}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{243}^2\ \Phi_{81}\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
90356	1378	810	$\frac{1}{81}$	$\frac{121}{810}$	$\frac{41}{162}$	$\frac{40}{81}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{81}\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
90357	1378	1360	$\frac{9}{680}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{671}{1360}$	$\Phi_{1360}^2\ \Phi_{272}^2\ \Phi_{80}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_1^2$
90358	1378	4080	$\frac{9}{680}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{671}{1360}$	$\Phi_{4080}\ \Phi_{816}\ \Phi_{240}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
90359	1378	2600	$\frac{1}{52}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{51}{104}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{200}\ \Phi_{104}^2\ \Phi_{40}\ \Phi_{25}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
90360	1378	2184	$\frac{1}{52}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{2184}^2\ \Phi_{312}\ \Phi_{168}^2\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_6$
90361	1378	1560	$\frac{1}{52}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{51}{104}$	$\Phi_{1560}^2\ \Phi_{520}\ \Phi_{312}^2\ \Phi_{120}^2\ \Phi_{104}^2\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
90362	1378	102	$\frac{1}{51}$	$\frac{2}{51}$	$\frac{49}{102}$	$\frac{25}{51}$	$\Phi_{102}^{26}\ \Phi_{51}\ \Phi_{34}^{26}\ \Phi_{17}\ \Phi_6^{26}\ \Phi_3\ \Phi_2^{26}\ \Phi_1^2$
90363	1378	1350	$\frac{14}{675}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{661}{1350}$	$\Phi_{1350}^2\ \Phi_{450}^2\ \Phi_{270}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90364	1378	1350	$\frac{14}{675}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{661}{1350}$	$\Phi_{1350}^2\ \Phi_{450}^2\ \Phi_{270}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90365	1378	2208	$\frac{1}{46}$	$\frac{47}{736}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{138}\ \Phi_{96}\ \Phi_{69}\ \Phi_{48}\ \Phi_{24}\ \Phi_6$
90366	1378	4002	$\frac{22}{667}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{645}{1334}$	$\Phi_{4002}\ \Phi_{174}\ \Phi_{138}\ \Phi_{69}\ \Phi_6$
90367	1378	720	$\frac{1}{30}$	$\frac{31}{720}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90368	1378	810	$\frac{1}{27}$	$\frac{14}{135}$	$\frac{121}{810}$	$\frac{13}{27}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{90}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90369	1378	918	$\frac{1}{27}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{918}^3\ \Phi_{306}^3\ \Phi_{102}^2\ \Phi_{54}^3\ \Phi_{34}^2\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90370	1378	102	$\frac{2}{51}$	$\frac{11}{102}$	$\frac{7}{51}$	$\frac{49}{102}$	$\Phi_{102}^{12}\ \Phi_{51}^{15}\ \Phi_{34}^{12}\ \Phi_{17}^{15}\ \Phi_6^{12}\ \Phi_3^{15}\ \Phi_2^{12}\ \Phi_1^{16}$
90371	1378	1950	$\frac{1}{26}$	$\frac{1}{25}$	$\frac{25}{78}$	$\frac{12}{25}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{390}\ \Phi_{195}\ \Phi_{150}\ \Phi_{78}^2\ \Phi_{75}\ \Phi_{39}^2\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
90372	1378	1400	$\frac{1}{25}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{200}\ \Phi_{175}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{25}\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
90373	1378	325	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{12}{25}$	$\Phi_{325}^4\ \Phi_{65}^5\ \Phi_{25}^5\ \Phi_{13}^4\ \Phi_5^6\ \Phi_1^6$
90374	1378	792	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{103}{792}$	$\frac{95}{198}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
90375	1378	1323	$\frac{55}{1323}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{634}{1323}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{189}\ \Phi_{147}\ \Phi_{63}^2\ \Phi_{49}\ \Phi_{27}\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
90376	1378	1320	$\frac{1}{30}$	$\frac{29}{660}$	$\frac{1}{3}$	$\frac{631}{1320}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{120}^2\ \Phi_{88}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90377	1378	1311	$\frac{2}{69}$	$\frac{67}{1311}$	$\frac{1}{3}$	$\frac{622}{1311}$	$\Phi_{1311}\ \Phi_{437}\ \Phi_{69}^2\ \Phi_{57}\ \Phi_{23}^2\ \Phi_{19}\ \Phi_3\ \Phi_1^2$
90378	1378	216	$\frac{1}{27}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{216}^9\ \Phi_{72}^8\ \Phi_{54}^9\ \Phi_{27}^8\ \Phi_{24}^8\ \Phi_{18}^8\ \Phi_9^7\ \Phi_8^8\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
90379	1378	1020	$\frac{9}{340}$	$\frac{1}{17}$	$\frac{331}{1020}$	$\frac{8}{17}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{255}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{60}^2\ \Phi_{51}^2\ \Phi_{30}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
90380	1378	714	$\frac{25}{714}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{17}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
90381	1378	850	$\frac{9}{170}$	$\frac{1}{17}$	$\frac{161}{850}$	$\frac{8}{17}$	$\Phi_{850}^2\ \Phi_{425}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{17}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
90382	1378	816	$\frac{1}{17}$	$\frac{9}{136}$	$\frac{127}{816}$	$\frac{8}{17}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
90383	1378	748	$\frac{1}{17}$	$\frac{59}{748}$	$\frac{9}{68}$	$\frac{8}{17}$	$\Phi_{748}^2\ \Phi_{374}^2\ \Phi_{187}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{17}\ \Phi_{11}^2\ \Phi_1^2$
90384	1378	765	$\frac{1}{17}$	$\frac{76}{765}$	$\frac{9}{85}$	$\frac{8}{17}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^2\ \Phi_{51}^2\ \Phi_{45}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
90385	1378	1296	$\frac{1}{27}$	$\frac{41}{648}$	$\frac{13}{54}$	$\frac{607}{1296}$	$\Phi_{1296}^2\ \Phi_{432}^2\ \Phi_{144}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90386	1378	756	$\frac{4}{63}$	$\frac{67}{756}$	$\frac{1}{9}$	$\frac{59}{126}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
90387	1378	3864	$\frac{1}{46}$	$\frac{45}{644}$	$\frac{1}{3}$	$\frac{599}{1288}$	$\Phi_{3864}\ \Phi_{552}\ \Phi_{168}\ \Phi_{138}\ \Phi_{69}\ \Phi_{24}\ \Phi_6$
90388	1378	99	$\frac{7}{99}$	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{46}{99}$	$\Phi_{99}^{14}\ \Phi_{33}^{14}\ \Phi_{11}^{14}\ \Phi_9^{13}\ \Phi_3^{13}\ \Phi_1^{14}$
90389	1378	216	$\frac{1}{54}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{216}^{12}\ \Phi_{72}^{12}\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{24}^{10}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90390	1378	840	$\frac{1}{35}$	$\frac{1}{12}$	$\frac{17}{70}$	$\frac{11}{24}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}\ \Phi_{24}^4\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^4\ \Phi_7\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
90391	1378	1320	$\frac{2}{55}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{120}\ \Phi_{88}^2\ \Phi_{55}^2\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
90392	1378	504	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{10}{63}$	$\frac{11}{24}$	$\Phi_{504}^6\ \Phi_{168}^3\ \Phi_{72}^6\ \Phi_{63}^2\ \Phi_{56}^3\ \Phi_{24}^4\ \Phi_{21}\ \Phi_9^2\ \Phi_8^4\ \Phi_7\ \Phi_3\ \Phi_1^2$
90393	1378	168	$\frac{3}{56}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{168}^7\ \Phi_{84}^8\ \Phi_{56}^9\ \Phi_{42}^8\ \Phi_{28}^{10}\ \Phi_{24}^8\ \Phi_{21}^8\ \Phi_{14}^{10}\ \Phi_{12}^8\ \Phi_8^{10}\ \Phi_7^9\ \Phi_6^8\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^{10}\ \Phi_1^{10}$
90394	1378	120	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{7}{60}$	$\frac{11}{24}$	$\Phi_{120}^{21}\ \Phi_{60}^2\ \Phi_{40}^{21}\ \Phi_{30}^2\ \Phi_{24}^{22}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^{22}\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90395	1378	1260	$\frac{4}{63}$	$\frac{59}{630}$	$\frac{1}{9}$	$\frac{571}{1260}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
90396	1378	2100	$\frac{11}{700}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{105}\ \Phi_{84}\ \Phi_{75}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
90397	1378	864	$\frac{1}{27}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{864}^3\ \Phi_{288}^3\ \Phi_{96}^2\ \Phi_{54}^3\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90398	1378	1242	$\frac{1}{69}$	$\frac{68}{621}$	$\frac{1}{3}$	$\frac{553}{1242}$	$\Phi_{1242}^2\ \Phi_{414}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{54}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90399	1378	1026	$\frac{5}{342}$	$\frac{1}{9}$	$\frac{337}{1026}$	$\frac{4}{9}$	$\Phi_{1026}^2\ \Phi_{513}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
90400	1378	54	$\frac{1}{54}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{54}^{26}\ \Phi_{27}^{26}\ \Phi_{18}^{24}\ \Phi_9^{25}\ \Phi_6^{24}\ \Phi_3^{25}\ \Phi_2^{24}\ \Phi_1^{26}$
90401	1378	855	$\frac{5}{171}$	$\frac{1}{9}$	$\frac{166}{855}$	$\frac{4}{9}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{95}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
90402	1378	720	$\frac{31}{720}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
90403	1378	1224	$\frac{1}{51}$	$\frac{77}{612}$	$\frac{25}{102}$	$\frac{535}{1224}$	$\Phi_{1224}^2\ \Phi_{408}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{72}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90404	1378	1215	$\frac{1}{81}$	$\frac{163}{1215}$	$\frac{80}{243}$	$\frac{526}{1215}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}^2\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
90405	1378	1188	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{95}{594}$	$\frac{499}{1188}$	$\Phi_{1188}^2\ \Phi_{396}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{99}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
90406	1378	972	$\frac{1}{81}$	$\frac{40}{243}$	$\frac{283}{972}$	$\frac{203}{486}$	$\Phi_{972}^2\ \Phi_{324}^2\ \Phi_{243}^2\ \Phi_{108}^2\ \Phi_{81}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
90407	1378	696	$\frac{7}{696}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{696}^2\ \Phi_{348}^2\ \Phi_{232}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90408	1378	540	$\frac{1}{27}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{90}^3\ \Phi_{60}^2\ \Phi_{54}^3\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90409	1378	270	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{270}^9\ \Phi_{90}^8\ \Phi_{54}^9\ \Phi_{30}^8\ \Phi_{27}^8\ \Phi_{18}^8\ \Phi_{10}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
90410	1378	3450	$\frac{1}{115}$	$\frac{114}{575}$	$\frac{1}{3}$	$\frac{461}{1150}$	$\Phi_{3450}\ \Phi_{690}\ \Phi_{345}\ \Phi_{150}\ \Phi_{138}\ \Phi_{69}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
90411	1378	756	$\frac{1}{27}$	$\frac{67}{756}$	$\frac{13}{54}$	$\frac{41}{108}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90412	1378	816	$\frac{1}{51}$	$\frac{127}{816}$	$\frac{25}{102}$	$\frac{77}{204}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{48}^2\ \Phi_{34}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90413	1378	1104	$\frac{1}{138}$	$\frac{137}{552}$	$\frac{1}{3}$	$\frac{415}{1104}$	$\Phi_{1104}^2\ \Phi_{368}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{48}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{16}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
90414	1378	1071	$\frac{1}{51}$	$\frac{50}{357}$	$\frac{307}{1071}$	$\frac{382}{1071}$	$\Phi_{1071}\ \Phi_{357}^2\ \Phi_{153}\ \Phi_{119}^2\ \Phi_{63}\ \Phi_{51}\ \Phi_{21}^2\ \Phi_{17}\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
90415	1378	81	$\frac{1}{27}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{28}{81}$	$\Phi_{81}^{13}\ \Phi_{27}^{25}\ \Phi_9^{25}\ \Phi_3^{25}\ \Phi_1^{26}$
90416	1378	1035	$\frac{2}{345}$	$\frac{343}{1035}$	$\frac{1}{3}$	$\frac{346}{1035}$	$\Phi_{1035}\ \Phi_{345}^2\ \Phi_{207}\ \Phi_{115}^2\ \Phi_{69}^2\ \Phi_{45}\ \Phi_{23}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
90417	1378	270	$\frac{1}{54}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{270}^6\ \Phi_{135}^6\ \Phi_{90}^6\ \Phi_{54}^2\ \Phi_{45}^6\ \Phi_{30}^6\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_9^2\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90418	1378	828	$\frac{1}{69}$	$\frac{139}{828}$	$\frac{68}{207}$	$\frac{1}{3}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{36}^2\ \Phi_{23}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90419	1378	1026	$\frac{5}{342}$	$\frac{1}{6}$	$\frac{337}{1026}$	$\frac{1}{3}$	$\Phi_{1026}^2\ \Phi_{513}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90420	1378	1020	$\frac{9}{340}$	$\frac{1}{10}$	$\frac{331}{1020}$	$\frac{1}{3}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}^2\ \Phi_{102}\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{60}\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90421	1378	546	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{78}\ \Phi_{42}^3\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{13}^2\ \Phi_7^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90422	1378	720	$\frac{31}{720}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90423	1378	990	$\frac{1}{30}$	$\frac{29}{330}$	$\frac{301}{990}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90424	1378	966	$\frac{1}{46}$	$\frac{45}{322}$	$\frac{277}{966}$	$\frac{1}{3}$	$\Phi_{966}\ \Phi_{483}\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{42}\ \Phi_{23}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90425	1378	54	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{54}^{26}\ \Phi_{27}^{26}\ \Phi_{18}^{24}\ \Phi_9^{24}\ \Phi_6^{26}\ \Phi_3^{25}\ \Phi_2^{26}\ \Phi_1^{26}$
90426	1378	432	$\frac{1}{54}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{72}^4\ \Phi_{54}^2\ \Phi_{48}^3\ \Phi_{27}^2\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{16}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90427	1378	168	$\frac{3}{56}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^{13}\ \Phi_{84}^{11}\ \Phi_{42}^{12}\ \Phi_{24}^{13}\ \Phi_{21}^{12}\ \Phi_{12}^{12}\ \Phi_6^{13}\ \Phi_3^{12}$
90428	1378	912	$\frac{5}{228}$	$\frac{1}{6}$	$\frac{223}{912}$	$\frac{1}{3}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{152}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90429	1378	210	$\frac{1}{35}$	$\frac{2}{15}$	$\frac{17}{70}$	$\frac{1}{3}$	$\Phi_{210}^8\ \Phi_{105}^4\ \Phi_{70}^{10}\ \Phi_{42}^8\ \Phi_{35}^5\ \Phi_{30}^8\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_{14}^{10}\ \Phi_{10}^{10}\ \Phi_7^5\ \Phi_6^8\ \Phi_5^6\ \Phi_3^4\ \Phi_2^{10}\ \Phi_1^6$
90430	1378	900	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{211}{900}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90431	1378	720	$\frac{31}{720}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90432	1378	165	$\frac{2}{55}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{165}^8\ \Phi_{55}^{10}\ \Phi_{33}^8\ \Phi_{15}^5\ \Phi_{11}^{10}\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
90433	1378	2550	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{161}{850}$	$\frac{1}{3}$	$\Phi_{2550}\ \Phi_{1275}\ \Phi_{150}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
90434	1378	750	$\frac{1}{15}$	$\frac{61}{750}$	$\frac{14}{75}$	$\frac{1}{3}$	$\Phi_{750}^2\ \Phi_{375}^2\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{125}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90435	1378	2730	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{390}\ \Phi_{210}\ \Phi_{105}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_6$
90436	1378	720	$\frac{31}{720}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90437	1378	798	$\frac{5}{114}$	$\frac{109}{798}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90438	1378	315	$\frac{1}{21}$	$\frac{2}{15}$	$\frac{10}{63}$	$\frac{1}{3}$	$\Phi_{315}^6\ \Phi_{105}^3\ \Phi_{63}^2\ \Phi_{45}^6\ \Phi_{35}^3\ \Phi_{21}\ \Phi_{15}^4\ \Phi_9^2\ \Phi_7\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
90439	1378	810	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{121}{810}$	$\frac{1}{3}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{90}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90440	1378	840	$\frac{3}{56}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
90441	1378	735	$\frac{46}{735}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}^2\ \Phi_{105}\ \Phi_{49}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
90442	1378	60	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{60}^{26}\ \Phi_{30}^{26}\ \Phi_{20}^{26}\ \Phi_{15}^{14}\ \Phi_{12}^{26}\ \Phi_{10}^{26}\ \Phi_6^{26}\ \Phi_5^{14}\ \Phi_4^{26}\ \Phi_3^{13}\ \Phi_2^{26}\ \Phi_1^{14}$
90443	1378	390	$\frac{1}{26}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{25}{78}$	$\Phi_{390}^3\ \Phi_{195}^3\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{65}^4\ \Phi_{39}^4\ \Phi_{30}^3\ \Phi_{26}^4\ \Phi_{15}^5\ \Phi_{13}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^5\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
90444	1378	891	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{202}{891}$	$\frac{95}{297}$	$\Phi_{891}^2\ \Phi_{99}^2\ \Phi_{81}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
90445	1378	68	$\frac{3}{68}$	$\frac{2}{17}$	$\frac{15}{68}$	$\frac{5}{17}$	$\Phi_{68}^{20}\ \Phi_{34}^{20}\ \Phi_{17}^{21}\ \Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^{22}$
90446	1378	972	$\frac{1}{27}$	$\frac{41}{324}$	$\frac{13}{54}$	$\frac{283}{972}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{243}^2\ \Phi_{54}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90447	1378	756	$\frac{67}{756}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{189}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90448	1378	630	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{17}{70}$	$\frac{5}{18}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{126}^3\ \Phi_{90}^3\ \Phi_{70}^2\ \Phi_{63}^3\ \Phi_{45}^3\ \Phi_{35}\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^4\ \Phi_7\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
90449	1378	990	$\frac{2}{55}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{90}\ \Phi_{55}^2\ \Phi_{45}\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
90450	1378	126	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{126}^9\ \Phi_{63}^{11}\ \Phi_{42}^{12}\ \Phi_{21}^{13}\ \Phi_{18}^{10}\ \Phi_{14}^{12}\ \Phi_9^{12}\ \Phi_7^{13}\ \Phi_6^{12}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
90451	1378	504	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{126}^3\ \Phi_{72}^4\ \Phi_{63}^3\ \Phi_{56}^2\ \Phi_{36}^4\ \Phi_{28}^2\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_9^4\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
90452	1378	180	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{180}^{12}\ \Phi_{90}^9\ \Phi_{60}^2\ \Phi_{45}^9\ \Phi_{36}^{12}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^{10}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^{10}\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90453	1378	945	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{59}{315}$	$\frac{256}{945}$	$\Phi_{945}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{63}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
90454	1378	216	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{216}^6\ \Phi_{108}^6\ \Phi_{72}^5\ \Phi_{54}^9\ \Phi_{36}^5\ \Phi_{27}^8\ \Phi_{24}^6\ \Phi_{18}^8\ \Phi_{12}^6\ \Phi_9^7\ \Phi_8^6\ \Phi_6^8\ \Phi_4^6\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
90455	1378	810	$\frac{1}{27}$	$\frac{121}{810}$	$\frac{13}{54}$	$\frac{41}{162}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90456	1378	918	$\frac{1}{51}$	$\frac{25}{102}$	$\frac{229}{918}$	$\frac{77}{306}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{102}^2\ \Phi_{54}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{27}^2\ \Phi_{17}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90457	1378	560	$\frac{1}{35}$	$\frac{3}{16}$	$\frac{17}{70}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^4\ \Phi_7\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
90458	1378	880	$\frac{2}{55}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{80}\ \Phi_{55}^2\ \Phi_{40}\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
90459	1378	840	$\frac{3}{56}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
90460	1378	1008	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}^2\ \Phi_{112}\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}\ \Phi_{48}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
90461	1378	112	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{112}^{15}\ \Phi_{56}^9\ \Phi_{28}^{10}\ \Phi_{16}^{16}\ \Phi_{14}^{10}\ \Phi_8^{10}\ \Phi_7^9\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{10}$
90462	1378	240	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{80}^7\ \Phi_{60}^2\ \Phi_{48}^7\ \Phi_{40}^7\ \Phi_{30}^2\ \Phi_{24}^7\ \Phi_{20}^2\ \Phi_{16}^8\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^8\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90463	1378	864	$\frac{1}{27}$	$\frac{41}{216}$	$\frac{175}{864}$	$\frac{13}{54}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90464	1378	882	$\frac{1}{9}$	$\frac{55}{441}$	$\frac{8}{63}$	$\frac{193}{882}$	$\Phi_{882}^2\ \Phi_{441}\ \Phi_{294}^2\ \Phi_{147}\ \Phi_{126}^2\ \Phi_{98}^2\ \Phi_{63}^2\ \Phi_{49}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90465	1378	195	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{12}{65}$	$\frac{1}{5}$	$\Phi_{195}^8\ \Phi_{65}^5\ \Phi_{39}^8\ \Phi_{15}^{10}\ \Phi_{13}^4\ \Phi_5^6\ \Phi_3^{10}\ \Phi_1^6$
90466	1379	1176	$\frac{1}{196}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{195}{392}$	$\Phi_{1176}^2\ \Phi_{392}^3\ \Phi_{168}^2\ \Phi_{56}^3\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
90467	1379	3528	$\frac{1}{196}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{195}{392}$	$\Phi_{3528}\ \Phi_{504}\ \Phi_{392}\ \Phi_{72}\ \Phi_{56}\ \Phi_9\ \Phi_8\ \Phi_1$
90468	1379	2544	$\frac{1}{106}$	$\frac{107}{1272}$	$\frac{1165}{2544}$	$\frac{105}{212}$	$\Phi_{2544}\ \Phi_{848}\ \Phi_{212}\ \Phi_{48}\ \Phi_{16}\ \Phi_4\ \Phi_1$
90469	1379	1908	$\frac{1}{106}$	$\frac{107}{636}$	$\frac{529}{1908}$	$\frac{105}{212}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{477}\ \Phi_{212}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
90470	1379	1696	$\frac{1}{106}$	$\frac{317}{1696}$	$\frac{107}{424}$	$\frac{105}{212}$	$\Phi_{1696}\ \Phi_{848}\ \Phi_{212}\ \Phi_{32}\ \Phi_{16}\ \Phi_4\ \Phi_1$
90471	1379	1560	$\frac{2}{195}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{193}{390}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
90472	1379	264	$\frac{1}{66}$	$\frac{1}{8}$	$\frac{67}{264}$	$\frac{65}{132}$	$\Phi_{264}^5\ \Phi_{132}^6\ \Phi_{88}^5\ \Phi_{66}^5\ \Phi_{44}^6\ \Phi_{33}^5\ \Phi_{24}^5\ \Phi_{22}^5\ \Phi_{12}^6\ \Phi_{11}^5\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
90473	1379	2704	$\frac{27}{1352}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{1325}{2704}$	$\Phi_{2704}\ \Phi_{208}\ \Phi_{52}\ \Phi_{16}\ \Phi_4\ \Phi_1$
90474	1379	384	$\frac{5}{192}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{187}{384}$	$\Phi_{384}^7\ \Phi_{128}^7\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
90475	1379	2028	$\frac{1}{26}$	$\frac{27}{676}$	$\frac{649}{2028}$	$\frac{25}{52}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{507}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
90476	1379	208	$\frac{1}{26}$	$\frac{11}{208}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{208}^{7}\ \Phi_{104}^{6}\ \Phi_{52}^{7}\ \Phi_{26}^{6}\ \Phi_{16}^{7}\ \Phi_{13}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
90477	1379	2652	$\frac{1}{26}$	$\frac{53}{1326}$	$\frac{25}{78}$	$\frac{1273}{2652}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{204}\ \Phi_{156}\ \Phi_{78}\ \Phi_{68}\ \Phi_{52}\ \Phi_{39}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
90478	1379	1512	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{181}{378}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}^{2}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}^{2}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
90479	1379	440	$\frac{1}{22}$	$\frac{23}{220}$	$\frac{1}{8}$	$\frac{21}{44}$	$\Phi_{440}^{4}\ \Phi_{220}^{3}\ \Phi_{110}^{3}\ \Phi_{88}^{2}\ \Phi_{55}^{3}\ \Phi_{44}^{2}\ \Phi_{40}^{4}\ \Phi_{22}\ \Phi_{20}^{3}\ \Phi_{11}\ \Phi_{10}^{3}\ \Phi_{8}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
90480	1379	1872	$\frac{1}{26}$	$\frac{25}{468}$	$\frac{493}{1872}$	$\frac{443}{936}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
90481	1379	1496	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{177}{374}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{187}\ \Phi_{136}\ \Phi_{88}^{2}\ \Phi_{68}\ \Phi_{44}^{2}\ \Phi_{22}\ \Phi_{17}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
90482	1379	216	$\frac{1}{18}$	$\frac{19}{216}$	$\frac{1}{8}$	$\frac{17}{36}$	$\Phi_{216}^{7}\ \Phi_{108}^{7}\ \Phi_{72}^{5}\ \Phi_{54}^{7}\ \Phi_{36}^{6}\ \Phi_{27}^{7}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{12}^{6}\ \Phi_{9}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
90483	1379	2544	$\frac{1}{53}$	$\frac{107}{1272}$	$\frac{52}{159}$	$\frac{1165}{2544}$	$\Phi_{2544}\ \Phi_{848}\ \Phi_{159}\ \Phi_{48}\ \Phi_{16}\ \Phi_{3}\ \Phi_{1}$
90484	1379	360	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{1}{8}$	$\frac{163}{360}$	$\Phi_{360}^{3}\ \Phi_{180}^{4}\ \Phi_{120}^{3}\ \Phi_{90}^{4}\ \Phi_{72}^{5}\ \Phi_{60}^{4}\ \Phi_{45}^{4}\ \Phi_{40}^{3}\ \Phi_{36}^{6}\ \Phi_{30}^{4}\ \Phi_{24}^{5}\ \Phi_{20}^{4}\ \Phi_{18}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{6}\ \Phi_{10}^{4}\ \Phi_{9}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
90485	1379	2496	$\frac{1}{26}$	$\frac{131}{1248}$	$\frac{25}{156}$	$\frac{1117}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{192}\ \Phi_{156}\ \Phi_{78}\ \Phi_{64}\ \Phi_{52}\ \Phi_{39}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
90486	1379	1908	$\frac{1}{53}$	$\frac{52}{477}$	$\frac{529}{1908}$	$\frac{425}{954}$	$\Phi_{1908}\ \Phi_{636}\ \Phi_{477}\ \Phi_{212}\ \Phi_{159}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
90487	1379	352	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{1}{8}$	$\frac{155}{352}$	$\Phi_{352}^{7}\ \Phi_{88}^{2}\ \Phi_{44}^{2}\ \Phi_{32}^{7}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
90488	1379	1560	$\frac{1}{26}$	$\frac{181}{1560}$	$\frac{25}{156}$	$\frac{131}{312}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{120}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
90489	1379	588	$\frac{1}{98}$	$\frac{1}{6}$	$\frac{97}{294}$	$\frac{5}{12}$	$\Phi_{588}^{4}\ \Phi_{294}\ \Phi_{196}^{4}\ \Phi_{147}\ \Phi_{84}^{4}\ \Phi_{42}\ \Phi_{28}^{4}\ \Phi_{21}\ \Phi_{12}^{5}\ \Phi_{6}\ \Phi_{4}^{5}\ \Phi_{3}\ \Phi_{1}$
90490	1379	600	$\frac{3}{200}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{600}^{2}\ \Phi_{300}^{2}\ \Phi_{200}^{3}\ \Phi_{150}^{2}\ \Phi_{120}^{2}\ \Phi_{100}^{3}\ \Phi_{75}^{2}\ \Phi_{60}^{2}\ \Phi_{50}^{3}\ \Phi_{40}^{3}\ \Phi_{30}^{2}\ \Phi_{25}^{3}\ \Phi_{24}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
90491	1379	2940	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{48}{245}$	$\frac{5}{12}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{420}\ \Phi_{245}\ \Phi_{140}\ \Phi_{60}\ \Phi_{35}\ \Phi_{20}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
90492	1379	2436	$\frac{6}{203}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{348}\ \Phi_{203}\ \Phi_{116}\ \Phi_{29}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
90493	1379	408	$\frac{7}{204}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{408}^{4}\ \Phi_{204}^{3}\ \Phi_{136}^{4}\ \Phi_{102}^{3}\ \Phi_{68}^{3}\ \Phi_{51}^{3}\ \Phi_{34}^{3}\ \Phi_{24}^{2}\ \Phi_{17}^{3}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
90494	1379	672	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{224}^{3}\ \Phi_{168}^{2}\ \Phi_{112}^{3}\ \Phi_{96}^{2}\ \Phi_{56}^{3}\ \Phi_{48}^{2}\ \Phi_{32}^{3}\ \Phi_{24}^{2}\ \Phi_{16}^{3}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
90495	1379	420	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}^{6}\ \Phi_{210}\ \Phi_{140}^{6}\ \Phi_{105}\ \Phi_{84}^{4}\ \Phi_{70}\ \Phi_{60}^{6}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^{4}\ \Phi_{21}\ \Phi_{20}^{6}\ \Phi_{15}\ \Phi_{12}^{5}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}^{5}\ \Phi_{3}\ \Phi_{1}$
90496	1379	2340	$\frac{1}{26}$	$\frac{25}{234}$	$\frac{209}{1170}$	$\frac{961}{2340}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{234}\ \Phi_{180}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
90497	1379	1320	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{32}{165}$	$\frac{133}{330}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{264}^{2}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}^{2}\ \Phi_{120}\ \Phi_{88}^{2}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}^{2}\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}^{2}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
90498	1379	1590	$\frac{1}{53}$	$\frac{211}{1590}$	$\frac{52}{159}$	$\frac{107}{318}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{530}\ \Phi_{265}\ \Phi_{159}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
90499	1379	882	$\frac{1}{98}$	$\frac{2}{9}$	$\frac{97}{294}$	$\frac{1}{3}$	$\Phi_{882}^{2}\ \Phi_{441}^{2}\ \Phi_{294}\ \Phi_{147}\ \Phi_{126}^{2}\ \Phi_{63}^{2}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}^{2}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
90500	1379	1800	$\frac{3}{200}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{100}\ \Phi_{90}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
90501	1379	2205	$\frac{1}{49}$	$\frac{48}{245}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2205}\ \Phi_{315}\ \Phi_{245}\ \Phi_{45}\ \Phi_{35}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
90502	1379	1827	$\frac{6}{203}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1827}\ \Phi_{261}\ \Phi_{203}\ \Phi_{29}\ \Phi_{9}\ \Phi_{1}$
90503	1379	2016	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{72}\ \Phi_{56}\ \Phi_{32}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
90504	1379	630	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}\ \Phi_{126}^{2}\ \Phi_{105}\ \Phi_{90}^{3}\ \Phi_{70}\ \Phi_{63}^{2}\ \Phi_{45}^{3}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
90505	1379	936	$\frac{2}{39}$	$\frac{1}{8}$	$\frac{37}{234}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}^2\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
90506	1379	840	$\frac{13}{210}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
90507	1379	1908	$\frac{1}{53}$	$\frac{107}{636}$	$\frac{529}{1908}$	$\frac{52}{159}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{477}\ \Phi_{159}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_3\ \Phi_1$
90508	1379	288	$\frac{5}{96}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{91}{288}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{72}^7\ \Phi_{36}^7\ \Phi_{24}^2\ \Phi_{18}^7\ \Phi_{12}^2\ \Phi_9^7\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
90509	1379	216	$\frac{19}{216}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{27}$	$\Phi_{216}^6\ \Phi_{108}^6\ \Phi_{72}^7\ \Phi_{54}^6\ \Phi_{36}^7\ \Phi_{27}^7\ \Phi_{24}^7\ \Phi_{18}^7\ \Phi_{12}^7\ \Phi_9^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
90510	1379	1080	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{17}{90}$	$\frac{73}{270}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{270}\ \Phi_{216}^2\ \Phi_{135}\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
90511	1379	1872	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{131}{624}$	$\frac{493}{1872}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
90512	1379	264	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{21}{88}$	$\frac{67}{264}$	$\Phi_{264}^7\ \Phi_{132}^7\ \Phi_{88}^2\ \Phi_{66}^7\ \Phi_{44}^2\ \Phi_{33}^7\ \Phi_{24}^7\ \Phi_{22}\ \Phi_{12}^7\ \Phi_{11}\ \Phi_8\ \Phi_6^7\ \Phi_4\ \Phi_3^7\ \Phi_1$
90513	1379	504	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{63}$	$\frac{55}{252}$	$\Phi_{504}^3\ \Phi_{252}^2\ \Phi_{168}^3\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^4\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
90514	1379	216	$\frac{19}{216}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{216}^7\ \Phi_{108}^7\ \Phi_{72}^7\ \Phi_{54}^7\ \Phi_{36}^7\ \Phi_{27}^7\ \Phi_{24}^2\ \Phi_{18}^7\ \Phi_{12}^2\ \Phi_9^7\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
90515	1379	240	$\frac{5}{48}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{43}{240}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{80}^7\ \Phi_{60}^7\ \Phi_{40}^7\ \Phi_{30}^7\ \Phi_{24}^2\ \Phi_{20}^7\ \Phi_{15}^7\ \Phi_{12}^2\ \Phi_{10}^7\ \Phi_8\ \Phi_6\ \Phi_5^7\ \Phi_4\ \Phi_3\ \Phi_1$
90516	1380	2064	$\frac{1}{344}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{343}{688}$	$\Phi_{2064}\ \Phi_{688}^2\ \Phi_{48}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
90517	1380	2200	$\frac{1}{275}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{137}{275}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{275}\ \Phi_{200}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}\ \Phi_{25}\ \Phi_{11}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
90518	1380	1145	$\frac{1}{229}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{114}{229}$	$\Phi_{1145}\ \Phi_{229}^2\ \Phi_5^2\ \Phi_1^4$
90519	1380	2748	$\frac{1}{229}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{114}{229}$	$\Phi_{2748}\ \Phi_{1374}\ \Phi_{12}^2\ \Phi_6^2$
90520	1380	197	$\frac{1}{197}$	$\frac{33}{197}$	$\frac{82}{197}$	$\frac{98}{197}$	$\Phi_{197}^7\ \Phi_1^8$
90521	1380	686	$\frac{2}{343}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{341}{686}$	$\Phi_{686}^4\ \Phi_{98}^4\ \Phi_{14}^4\ \Phi_7\ \Phi_2^4\ \Phi_1^2$
90522	1380	1844	$\frac{3}{461}$	$\frac{1}{4}$	$\frac{116}{461}$	$\frac{229}{461}$	$\Phi_{1844}\ \Phi_{922}$
90523	1380	1379	$\frac{9}{1379}$	$\frac{344}{1379}$	$\frac{347}{1379}$	$\frac{685}{1379}$	$\Phi_{1379}\ \Phi_{197}\ \Phi_7\ \Phi_1^2$
90524	1380	2073	$\frac{5}{691}$	$\frac{116}{691}$	$\frac{1}{3}$	$\frac{343}{691}$	Φ_{2073}
90525	1380	1233	$\frac{1}{137}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{68}{137}$	$\Phi_{1233}\ \Phi_{411}\ \Phi_{137}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
90526	1380	822	$\frac{1}{137}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{68}{137}$	$\Phi_{822}^2\ \Phi_{411}\ \Phi_{274}^2\ \Phi_{137}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
90527	1380	1379	$\frac{11}{1379}$	$\frac{139}{1379}$	$\frac{620}{1379}$	$\frac{684}{1379}$	$\Phi_{1379}\ \Phi_{197}\ \Phi_7\ \Phi_1^2$
90528	1380	2508	$\frac{1}{114}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{113}{228}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{228}^2\ \Phi_{132}\ \Phi_{76}^2\ \Phi_{44}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
90529	1380	1596	$\frac{1}{114}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{113}{228}$	$\Phi_{1596}^2\ \Phi_{532}^2\ \Phi_{84}^2\ \Phi_{28}^2\ \Phi_{21}$
90530	1380	2508	$\frac{1}{114}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{113}{228}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{228}^2\ \Phi_{132}\ \Phi_{76}^2\ \Phi_{44}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
90531	1380	1140	$\frac{1}{114}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{113}{228}$	$\Phi_{1140}\ \Phi_{570}^2\ \Phi_{380}\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{60}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
90532	1380	1662	$\frac{3}{277}$	$\frac{1}{6}$	$\frac{70}{277}$	$\frac{137}{277}$	$\Phi_{1662}\ \Phi_{831}\ \Phi_{554}$
90533	1380	364	$\frac{1}{91}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{45}{91}$	$\Phi_{364}^7\ \Phi_{91}\ \Phi_{52}^7\ \Phi_{28}^8\ \Phi_{13}\ \Phi_7\ \Phi_4^8\ \Phi_1^2$
90534	1380	91	$\frac{1}{91}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{45}{91}$	$\Phi_{91}^{15}\ \Phi_{13}^{15}\ \Phi_7^{17}\ \Phi_1^{18}$
90535	1380	1092	$\frac{1}{91}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{45}{91}$	$\Phi_{1092}^2\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{156}^2\ \Phi_{91}\ \Phi_{84}^2\ \Phi_{78}\ \Phi_{52}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}\ \Phi_{21}\ \Phi_{13}\ \Phi_{12}^4\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
90536	1380	1379	$\frac{17}{1379}$	$\frac{206}{1379}$	$\frac{349}{1379}$	$\frac{681}{1379}$	$\Phi_{1379}\ \Phi_{197}\ \Phi_7\ \Phi_1^2$
90537	1380	154	$\frac{1}{77}$	$\frac{1}{7}$	$\frac{39}{154}$	$\frac{38}{77}$	$\Phi_{154}^{12}\ \Phi_{77}^6\ \Phi_{22}^{12}\ \Phi_{14}^{12}\ \Phi_{11}^6\ \Phi_7^5\ \Phi_2^{12}\ \Phi_1^6$
90538	1380	2073	$\frac{9}{691}$	$\frac{70}{691}$	$\frac{1}{3}$	$\frac{341}{691}$	Φ_{2073}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
90539	1380	2584	$\frac{1}{68}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{67}{136}$	$\Phi_{2584}\ \Phi_{152}\ \Phi_{136}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_1^2$
90540	1380	4488	$\frac{1}{68}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{67}{136}$	$\Phi_{4488}\ \Phi_{264}\ \Phi_{33}$
90541	1380	2584	$\frac{1}{68}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{67}{136}$	$\Phi_{2584}\ \Phi_{152}\ \Phi_{136}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_1^2$
90542	1380	2040	$\frac{1}{68}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{67}{136}$	$\Phi_{2040}^2\ \Phi_{680}\ \Phi_{120}^2\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
90543	1380	197	$\frac{3}{197}$	$\frac{20}{197}$	$\frac{59}{197}$	$\frac{97}{197}$	$\Phi_{197}^7\ \Phi_1^8$
90544	1380	394	$\frac{3}{197}$	$\frac{49}{394}$	$\frac{50}{197}$	$\frac{97}{197}$	$\Phi_{394}^4\ \Phi_{197}^3\ \Phi_2^4\ \Phi_1^4$
90545	1380	2596	$\frac{1}{59}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{29}{59}$	$\Phi_{2596}\ \Phi_{236}\ \Phi_{59}\ \Phi_{44}^2\ \Phi_4^2\ \Phi_1^2$
90546	1380	1947	$\frac{1}{59}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{29}{59}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{59}\ \Phi_{33}^2\ \Phi_3^2\ \Phi_1^2$
90547	1380	1662	$\frac{5}{277}$	$\frac{1}{6}$	$\frac{47}{277}$	$\frac{136}{277}$	$\Phi_{1662}\ \Phi_{831}\ \Phi_{554}$
90548	1380	1379	$\frac{25}{1379}$	$\frac{229}{1379}$	$\frac{234}{1379}$	$\frac{677}{1379}$	$\Phi_{1379}\ \Phi_{197}\ \Phi_7\ \Phi_1^2$
90549	1380	1844	$\frac{9}{461}$	$\frac{47}{461}$	$\frac{1}{4}$	$\frac{226}{461}$	$\Phi_{1844}\ \Phi_{922}$
90550	1380	1305	$\frac{1}{45}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{22}{45}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{145}\ \Phi_{87}\ \Phi_{45}^2\ \Phi_{29}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
90551	1380	720	$\frac{1}{45}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
90552	1380	1305	$\frac{1}{45}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{22}{45}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{145}\ \Phi_{87}\ \Phi_{45}^2\ \Phi_{29}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
90553	1380	1980	$\frac{1}{45}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{22}{45}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{22}^2$
90554	1380	1305	$\frac{1}{45}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{22}{45}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{145}\ \Phi_{87}\ \Phi_{45}^2\ \Phi_{29}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
90555	1380	630	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{22}{45}$	$\Phi_{630}^3\ \Phi_{315}^2\ \Phi_{210}^3\ \Phi_{126}^3\ \Phi_{105}^2\ \Phi_{70}^3\ \Phi_{63}^2\ \Phi_{42}^4\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^2$
90556	1380	1379	$\frac{31}{1379}$	$\frac{47}{1379}$	$\frac{666}{1379}$	$\frac{674}{1379}$	$\Phi_{1379}\ \Phi_{197}\ \Phi_7\ \Phi_1^2$
90557	1380	2912	$\frac{3}{112}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{109}{224}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{52}\ \Phi_{26}$
90558	1380	224	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{109}{224}$	$\Phi_{224}^{12}\ \Phi_{32}^{12}\ \Phi_7^5\ \Phi_1^6$
90559	1380	1379	$\frac{41}{1379}$	$\frac{71}{1379}$	$\frac{436}{1379}$	$\frac{669}{1379}$	$\Phi_{1379}\ \Phi_{197}\ \Phi_7\ \Phi_1^2$
90560	1380	924	$\frac{1}{33}$	$\frac{17}{132}$	$\frac{1}{7}$	$\frac{16}{33}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{84}^2\ \Phi_{77}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2$
90561	1380	496	$\frac{1}{31}$	$\frac{1}{16}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{496}^3\ \Phi_{248}^3\ \Phi_{124}^3\ \Phi_{62}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
90562	1380	696	$\frac{1}{29}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{696}^2\ \Phi_{348}^2\ \Phi_{232}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
90563	1380	870	$\frac{1}{29}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{14}{29}$	$\Phi_{870}^2\ \Phi_{435}\ \Phi_{290}^2\ \Phi_{174}^2\ \Phi_{145}\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{30}^4\ \Phi_{29}^2\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
90564	1380	725	$\frac{1}{29}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{14}{29}$	$\Phi_{725}^2\ \Phi_{145}\ \Phi_{29}^2\ \Phi_{25}^4\ \Phi_5^2\ \Phi_1^4$
90565	1380	783	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{14}{29}$	$\Phi_{783}^2\ \Phi_{261}\ \Phi_{87}\ \Phi_{29}^2\ \Phi_{27}^4\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
90566	1380	197	$\frac{7}{197}$	$\frac{17}{197}$	$\frac{36}{197}$	$\frac{95}{197}$	$\Phi_{197}^7\ \Phi_1^8$
90567	1380	1529	$\frac{5}{139}$	$\frac{1}{11}$	$\frac{24}{139}$	$\frac{67}{139}$	Φ_{1529}
90568	1380	1379	$\frac{51}{1379}$	$\frac{143}{1379}$	$\frac{206}{1379}$	$\frac{664}{1379}$	$\Phi_{1379}\ \Phi_{197}\ \Phi_7\ \Phi_1^2$
90569	1380	77	$\frac{3}{77}$	$\frac{8}{77}$	$\frac{1}{7}$	$\frac{37}{77}$	$\Phi_{77}^{18}\ \Phi_{11}^{18}\ \Phi_7^{17}\ \Phi_1^{18}$
90570	1380	1662	$\frac{11}{277}$	$\frac{24}{277}$	$\frac{1}{6}$	$\frac{133}{277}$	$\Phi_{1662}\ \Phi_{831}\ \Phi_{554}$
90571	1380	1379	$\frac{55}{1379}$	$\frac{114}{1379}$	$\frac{239}{1379}$	$\frac{662}{1379}$	$\Phi_{1379}\ \Phi_{197}\ \Phi_7\ \Phi_1^2$
90572	1380	1844	$\frac{19}{461}$	$\frac{24}{461}$	$\frac{1}{4}$	$\frac{221}{461}$	$\Phi_{1844}\ \Phi_{922}$
90573	1380	1379	$\frac{57}{1379}$	$\frac{68}{1379}$	$\frac{359}{1379}$	$\frac{661}{1379}$	$\Phi_{1379}\ \Phi_{197}\ \Phi_7\ \Phi_1^2$
90574	1380	2073	$\frac{24}{691}$	$\frac{29}{691}$	$\frac{1}{3}$	$\frac{331}{691}$	Φ_{2073}
90575	1380	441	$\frac{19}{441}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{211}{441}$	$\Phi_{441}^3\ \Phi_{147}^3\ \Phi_{63}^3\ \Phi_{49}^3\ \Phi_{21}^6\ \Phi_9^3\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
90576	1380	4092	$\frac{1}{31}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{4092}\ \Phi_{372}\ \Phi_{93}$
90577	1380	2596	$\frac{2}{59}$	$\frac{1}{22}$	$\frac{19}{59}$	$\frac{21}{44}$	$\Phi_{2596}\ \Phi_{236}\ \Phi_{59}\ \Phi_{44}^2\ \Phi_4^2\ \Phi_1^2$
90578	1380	924	$\frac{1}{22}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{924}\ \Phi_{462}^2\ \Phi_{308}\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{42}^3\ \Phi_{33}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^3\ \Phi_3^2$
90579	1380	2596	$\frac{1}{22}$	$\frac{3}{59}$	$\frac{14}{59}$	$\frac{21}{44}$	$\Phi_{2596}\ \Phi_{236}\ \Phi_{59}\ \Phi_{44}^2\ \Phi_4^2\ \Phi_1^2$
90580	1380	880	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}\ \Phi_{110}^2\ \Phi_{80}^3\ \Phi_{55}^2\ \Phi_{40}^3\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
90581	1380	2596	$\frac{1}{22}$	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{21}{44}$	$\Phi_{2596}\ \Phi_{236}\ \Phi_{59}\ \Phi_{44}^2\ \Phi_4^2\ \Phi_1^2$
90582	1380	1716	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{21}{44}$	$\Phi_{1716}^2\ \Phi_{572}\ \Phi_{156}^2\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
90583	1380	2596	$\frac{1}{22}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{21}{44}$	$\Phi_{2596}\ \Phi_{236}\ \Phi_{59}\ \Phi_{44}^2\ \Phi_4^2\ \Phi_1^2$
90584	1380	308	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{21}{44}$	$\Phi_{308}^{10}\ \Phi_{77}\ \Phi_{28}^{10}$
90585	1380	126	$\frac{1}{21}$	$\frac{11}{126}$	$\frac{1}{7}$	$\frac{10}{21}$	$\Phi_{126}^{12}\ \Phi_{63}^{12}\ \Phi_{42}^{12}\ \Phi_{21}^6\ \Phi_{18}^{12}\ \Phi_{14}^{12}\ \Phi_9^{12}\ \Phi_7^5\ \Phi_6^{12}\ \Phi_3^6\ \Phi_2^{12}\ \Phi_1^6$
90586	1380	1464	$\frac{1}{24}$	$\frac{3}{61}$	$\frac{16}{61}$	$\frac{29}{61}$	$\Phi_{1464}\ \Phi_{732}\ \Phi_{488}\ \Phi_{366}\ \Phi_{244}\ \Phi_{183}\ \Phi_{122}$
90587	1380	646	$\frac{1}{34}$	$\frac{1}{19}$	$\frac{11}{34}$	$\frac{9}{19}$	$\Phi_{646}^2\ \Phi_{323}^2\ \Phi_{38}^2\ \Phi_{34}^4\ \Phi_{19}^3\ \Phi_{17}^4\ \Phi_2^4\ \Phi_1^6$
90588	1380	456	$\frac{1}{24}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{152}^3\ \Phi_{114}^3\ \Phi_{76}^2\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{24}^6\ \Phi_{19}^3\ \Phi_{12}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
90589	1380	1615	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{9}{19}$	$\Phi_{1615}\ \Phi_{95}\ \Phi_{85}^2\ \Phi_{19}\ \Phi_5^2\ \Phi_1^2$
90590	1380	1309	$\frac{71}{1309}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{619}{1309}$	$\Phi_{1309}\ \Phi_{187}\ \Phi_{119}\ \Phi_{77}^2\ \Phi_{17}\ \Phi_{11}^2\ \Phi_7\ \Phi_1^2$
90591	1380	2730	$\frac{1}{21}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{2730}\ \Phi_{910}\ \Phi_{546}\ \Phi_{390}\ \Phi_{210}\ \Phi_{182}\ \Phi_{105}\ \Phi_{78}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{14}\ \Phi_6$
90592	1380	1379	$\frac{44}{1379}$	$\frac{89}{1379}$	$\frac{367}{1379}$	$\frac{645}{1379}$	$\Phi_{1379}\ \Phi_{197}\ \Phi_7\ \Phi_1^2$
90593	1380	2073	$\frac{16}{691}$	$\frac{45}{691}$	$\frac{1}{3}$	$\frac{323}{691}$	Φ_{2073}
90594	1380	1379	$\frac{32}{1379}$	$\frac{93}{1379}$	$\frac{449}{1379}$	$\frac{643}{1379}$	$\Phi_{1379}\ \Phi_{197}\ \Phi_7\ \Phi_1^2$
90595	1380	3948	$\frac{1}{47}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{3948}\ \Phi_{564}\ \Phi_{141}$
90596	1380	364	$\frac{3}{91}$	$\frac{1}{14}$	$\frac{22}{91}$	$\frac{13}{28}$	$\Phi_{364}^7\ \Phi_{91}\ \Phi_{52}^7\ \Phi_{28}^8\ \Phi_{13}\ \Phi_7\ \Phi_4^8\ \Phi_1^2$
90597	1380	840	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{140}\ \Phi_{120}^3\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_5^2$
90598	1380	84	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{84}^{14}\ \Phi_{42}^{21}\ \Phi_{28}^{12}\ \Phi_{21}^{20}\ \Phi_{14}^{18}\ \Phi_{12}^{14}\ \Phi_7^{17}\ \Phi_6^{21}\ \Phi_4^{12}\ \Phi_3^{20}\ \Phi_2^{18}\ \Phi_1^{18}$
90599	1380	196	$\frac{3}{49}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{196}^{14}\ \Phi_{49}^2\ \Phi_{28}^8\ \Phi_7\ \Phi_4^8\ \Phi_1^2$
90600	1380	364	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{13}{28}$	$\Phi_{364}^7\ \Phi_{52}^7\ \Phi_{28}^8\ \Phi_{26}^4\ \Phi_{13}^3\ \Phi_4^8\ \Phi_2^4\ \Phi_1^4$
90601	1380	1464	$\frac{1}{24}$	$\frac{5}{61}$	$\frac{11}{61}$	$\frac{28}{61}$	$\Phi_{1464}\ \Phi_{732}\ \Phi_{488}\ \Phi_{366}\ \Phi_{244}\ \Phi_{183}\ \Phi_{122}$
90602	1380	1287	$\frac{2}{117}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}^2\ \Phi_{99}\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
90603	1380	1881	$\frac{1}{57}$	$\frac{1}{11}$	$\frac{56}{171}$	$\frac{5}{11}$	$\Phi_{1881}\ \Phi_{171}^2\ \Phi_{99}\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
90604	1380	1672	$\frac{1}{38}$	$\frac{1}{11}$	$\frac{37}{152}$	$\frac{5}{11}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{152}^2\ \Phi_{88}\ \Phi_{76}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
90605	1380	627	$\frac{2}{57}$	$\frac{1}{11}$	$\frac{11}{57}$	$\frac{5}{11}$	$\Phi_{627}^2\ \Phi_{209}^2\ \Phi_{57}^4\ \Phi_{33}^2\ \Phi_{19}^4\ \Phi_{11}^3\ \Phi_3^4\ \Phi_1^6$
90606	1380	264	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{264}^5\ \Phi_{132}^5\ \Phi_{88}^5\ \Phi_{66}^4\ \Phi_{44}^5\ \Phi_{33}^4\ \Phi_{24}^{10}\ \Phi_{22}^4\ \Phi_{12}^{10}\ \Phi_{11}^5\ \Phi_8^{10}\ \Phi_6^8\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
90607	1380	847	$\frac{6}{121}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{847}^2\ \Phi_{77}$
90608	1380	1463	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{18}{133}$	$\frac{5}{11}$	$\Phi_{1463}\ \Phi_{133}^2\ \Phi_{77}\ \Phi_{11}\ \Phi_7^2\ \Phi_1^2$
90609	1380	2562	$\frac{1}{61}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{2562}\ \Phi_{854}\ \Phi_{366}\ \Phi_{183}\ \Phi_{122}$
90610	1380	42	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{42}^{60}\ \Phi_{21}^6\ \Phi_{14}^{60}\ \Phi_7^5\ \Phi_6^{60}\ \Phi_3^6\ \Phi_2^{60}\ \Phi_1^6$
90611	1380	197	$\frac{7}{197}$	$\frac{19}{197}$	$\frac{36}{197}$	$\frac{89}{197}$	$\Phi_{197}^7\ \Phi_1^8$
90612	1380	1844	$\frac{11}{461}$	$\frac{45}{461}$	$\frac{1}{4}$	$\frac{208}{461}$	$\Phi_{1844}\ \Phi_{922}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
90613	1380	1680	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}$ $\Phi_{105}\ \Phi_{70}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{14}\ \Phi_{6}$
90614	1380	630	$\frac{1}{70}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^3\ \Phi_{126}^2\ \Phi_{105}^3\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{30}^3$ $\Phi_{21}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{2}^2$
90615	1380	1233	$\frac{2}{137}$	$\frac{1}{9}$	$\frac{45}{137}$	$\frac{4}{9}$	$\Phi_{1233}\ \Phi_{411}\ \Phi_{137}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
90616	1380	1692	$\frac{1}{47}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{564}\ \Phi_{282}\ \Phi_{188}^2\ \Phi_{94}^2$
90617	1380	1233	$\frac{5}{137}$	$\frac{1}{9}$	$\frac{22}{137}$	$\frac{4}{9}$	$\Phi_{1233}\ \Phi_{411}\ \Phi_{137}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
90618	1380	504	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^4\ \Phi_{126}^3\ \Phi_{84}^4\ \Phi_{63}^2\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{7}^2$
90619	1380	616	$\frac{3}{77}$	$\frac{37}{308}$	$\frac{1}{7}$	$\frac{271}{616}$	$\Phi_{616}^4\ \Phi_{88}^4\ \Phi_{77}^2\ \Phi_{56}^4\ \Phi_{11}^2\ \Phi_{8}^4\ \Phi_{7}\ \Phi_{1}^2$
90620	1380	1952	$\frac{1}{61}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1952}\ \Phi_{488}\ \Phi_{244}\ \Phi_{122}$
90621	1380	1379	$\frac{17}{1379}$	$\frac{185}{1379}$	$\frac{454}{1379}$	$\frac{597}{1379}$	$\Phi_{1379}\ \Phi_{197}\ \Phi_{7}\ \Phi_{1}^2$
90622	1380	1379	$\frac{34}{1379}$	$\frac{185}{1379}$	$\frac{269}{1379}$	$\frac{597}{1379}$	$\Phi_{1379}\ \Phi_{197}\ \Phi_{7}\ \Phi_{1}^2$
90623	1380	343	$\frac{4}{343}$	$\frac{1}{7}$	$\frac{113}{343}$	$\frac{3}{7}$	$\Phi_{343}^4\ \Phi_{49}^4\ \Phi_{7}^5\ \Phi_{1}^6$
90624	1380	70	$\frac{1}{70}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{70}^{20}\ \Phi_{35}^{20}\ \Phi_{14}^{20}\ \Phi_{10}^{20}\ \Phi_{7}^{17}\ \Phi_{5}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{18}$
90625	1380	119	$\frac{4}{119}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{119}^{12}\ \Phi_{17}^{12}\ \Phi_{7}^5\ \Phi_{1}^6$
90626	1380	392	$\frac{2}{49}$	$\frac{47}{392}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{392}^4\ \Phi_{196}^4\ \Phi_{98}^4\ \Phi_{56}^4\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_{8}^4\ \Phi_{7}\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^2$
90627	1380	49	$\frac{3}{49}$	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{49}^{28}\ \Phi_{7}^{29}\ \Phi_{1}^{30}$
90628	1380	1464	$\frac{1}{24}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{26}{61}$	$\Phi_{1464}\ \Phi_{732}\ \Phi_{488}\ \Phi_{366}\ \Phi_{244}\ \Phi_{183}\ \Phi_{122}$
90629	1380	2440	$\frac{1}{61}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{2440}\ \Phi_{488}\ \Phi_{244}\ \Phi_{122}$
90630	1380	840	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{210}\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{105}\ \Phi_{70}\ \Phi_{56}^3\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}$ $\Phi_{24}^3\ \Phi_{15}\ \Phi_{14}\ \Phi_{6}$
90631	1380	1379	$\frac{53}{1379}$	$\frac{160}{1379}$	$\frac{221}{1379}$	$\frac{579}{1379}$	$\Phi_{1379}\ \Phi_{197}\ \Phi_{7}\ \Phi_{1}^2$
90632	1380	1457	$\frac{1}{47}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	Φ_{1457}
90633	1380	1386	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{16}{99}$	$\frac{83}{198}$	$\Phi_{1386}^2\ \Phi_{462}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{126}^2\ \Phi_{77}\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{14}^2$
90634	1380	1662	$\frac{7}{277}$	$\frac{45}{277}$	$\frac{1}{6}$	$\frac{116}{277}$	$\Phi_{1662}\ \Phi_{831}\ \Phi_{554}$
90635	1380	197	$\frac{2}{197}$	$\frac{33}{197}$	$\frac{65}{197}$	$\frac{82}{197}$	$\Phi_{197}^7\ \Phi_{1}^8$
90636	1380	197	$\frac{5}{197}$	$\frac{32}{197}$	$\frac{33}{197}$	$\frac{82}{197}$	$\Phi_{197}^7\ \Phi_{1}^8$
90637	1380	1464	$\frac{1}{24}$	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{25}{61}$	$\Phi_{1464}\ \Phi_{732}\ \Phi_{488}\ \Phi_{366}\ \Phi_{244}\ \Phi_{183}\ \Phi_{122}$
90638	1380	1379	$\frac{54}{1379}$	$\frac{137}{1379}$	$\frac{265}{1379}$	$\frac{557}{1379}$	$\Phi_{1379}\ \Phi_{197}\ \Phi_{7}\ \Phi_{1}^2$
90639	1380	77	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{15}{77}$	$\frac{31}{77}$	$\Phi_{77}^{18}\ \Phi_{11}^{18}\ \Phi_{7}^{17}\ \Phi_{1}^{18}$
90640	1380	1379	$\frac{24}{1379}$	$\frac{271}{1379}$	$\frac{275}{1379}$	$\frac{554}{1379}$	$\Phi_{1379}\ \Phi_{197}\ \Phi_{7}\ \Phi_{1}^2$
90641	1380	1844	$\frac{6}{461}$	$\frac{91}{461}$	$\frac{1}{4}$	$\frac{185}{461}$	$\Phi_{1844}\ \Phi_{922}$
90642	1380	197	$\frac{2}{197}$	$\frac{39}{197}$	$\frac{59}{197}$	$\frac{79}{197}$	$\Phi_{197}^7\ \Phi_{1}^8$
90643	1380	2073	$\frac{6}{691}$	$\frac{137}{691}$	$\frac{1}{3}$	$\frac{277}{691}$	Φ_{2073}
90644	1380	1740	$\frac{1}{116}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{348}^2\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_{6}^2$
90645	1380	1145	$\frac{4}{229}$	$\frac{45}{229}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1145}\ \Phi_{229}^2\ \Phi_{5}^2\ \Phi_{1}^4$
90646	1380	1410	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{470}\ \Phi_{282}^2\ \Phi_{141}^2\ \Phi_{94}^2$
90647	1380	1145	$\frac{9}{229}$	$\frac{22}{229}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1145}\ \Phi_{229}^2\ \Phi_{5}^2\ \Phi_{1}^4$
90648	1380	1320	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}^2\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{110}\ \Phi_{88}^2$ $\Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2$
90649	1380	1508	$\frac{1}{116}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1508}\ \Phi_{754}\ \Phi_{377}\ \Phi_{52}\ \Phi_{26}$
90650	1380	336	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{336}^7\ \Phi_{112}^6\ \Phi_{48}^7\ \Phi_{42}^7\ \Phi_{21}^6\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_{7}^5\ \Phi_{6}^7\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
90651	1380	3336	$\frac{1}{139}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{3336}\ \Phi_{417}$
90652	1380	2200	$\frac{2}{275}$	$\frac{1}{4}$	$\frac{91}{275}$	$\frac{3}{8}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{275}\ \Phi_{200}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}\ \Phi_{25}\ \Phi_{11}\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{1}^2$
90653	1380	744	$\frac{1}{93}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{744}^3\ \Phi_{372}\ \Phi_{248}^3\ \Phi_{186}\ \Phi_{124}\ \Phi_{62}\ \Phi_{24}^3\ \Phi_{12}\ \Phi_{6}$
90654	1380	2200	$\frac{3}{275}$	$\frac{68}{275}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2200}\ \Phi_{440}\ \Phi_{275}\ \Phi_{200}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}\ \Phi_{25}\ \Phi_{11}\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{1}^2$
90655	1380	280	$\frac{1}{70}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^8\ \Phi_{70}^4\ \Phi_{56}^8\ \Phi_{40}^7\ \Phi_{35}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_{8}^8\ \Phi_{7}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
90656	1380	440	$\frac{1}{55}$	$\frac{9}{55}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^5\ \Phi_{88}^5\ \Phi_{55}^5\ \Phi_{40}^5\ \Phi_{11}^5\ \Phi_{8}^6\ \Phi_{5}^5\ \Phi_{1}^6$
90657	1380	2632	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2632}\ \Phi_{329}$
90658	1380	1144	$\frac{5}{143}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1144}^2\ \Phi_{143}^2\ \Phi_{104}^2\ \Phi_{88}\ \Phi_{13}^2\ \Phi_{11}\ \Phi_{8}^2\ \Phi_{1}^2$
90659	1380	200	$\frac{1}{25}$	$\frac{2}{25}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{200}^{11}\ \Phi_{40}^{11}\ \Phi_{25}^{11}\ \Phi_{8}^{12}\ \Phi_{5}^{11}\ \Phi_{1}^{12}$
90660	1380	312	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^5\ \Phi_{156}^5\ \Phi_{104}^4\ \Phi_{78}^5\ \Phi_{52}^5\ \Phi_{39}^5\ \Phi_{26}^5\ \Phi_{13}^4$
90661	1380	1379	$\frac{19}{1379}$	$\frac{272}{1379}$	$\frac{369}{1379}$	$\frac{505}{1379}$	$\Phi_{1379}\ \Phi_{197}\ \Phi_{7}\ \Phi_{1}^2$
90662	1380	2196	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{2196}\ \Phi_{732}\ \Phi_{366}\ \Phi_{244}\ \Phi_{183}\ \Phi_{122}$
90663	1380	1457	$\frac{1}{47}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	Φ_{1457}
90664	1380	1379	$\frac{39}{1379}$	$\frac{134}{1379}$	$\frac{415}{1379}$	$\frac{482}{1379}$	$\Phi_{1379}\ \Phi_{197}\ \Phi_{7}\ \Phi_{1}^2$
90665	1380	1464	$\frac{1}{24}$	$\frac{4}{61}$	$\frac{19}{61}$	$\frac{21}{61}$	$\Phi_{1464}\ \Phi_{732}\ \Phi_{488}\ \Phi_{366}\ \Phi_{244}\ \Phi_{183}\ \Phi_{122}$
90666	1380	197	$\frac{8}{197}$	$\frac{13}{197}$	$\frac{63}{197}$	$\frac{67}{197}$	$\Phi_{197}^7\ \Phi_{1}^8$
90667	1380	2262	$\frac{1}{29}$	$\frac{1}{13}$	$\frac{28}{87}$	$\frac{59}{174}$	$\Phi_{2262}\ \Phi_{754}\ \Phi_{377}\ \Phi_{78}\ \Phi_{26}$
90668	1380	1529	$\frac{4}{139}$	$\frac{1}{11}$	$\frac{45}{139}$	$\frac{47}{139}$	Φ_{1529}
90669	1380	1379	$\frac{26}{1379}$	$\frac{183}{1379}$	$\frac{451}{1379}$	$\frac{464}{1379}$	$\Phi_{1379}\ \Phi_{197}\ \Phi_{7}\ \Phi_{1}^2$
90670	1380	1662	$\frac{4}{277}$	$\frac{1}{6}$	$\frac{91}{277}$	$\frac{93}{277}$	$\Phi_{1662}\ \Phi_{831}\ \Phi_{554}$
90671	1380	1379	$\frac{8}{1379}$	$\frac{457}{1379}$	$\frac{459}{1379}$	$\frac{461}{1379}$	$\Phi_{1379}\ \Phi_{197}\ \Phi_{7}\ \Phi_{1}^2$
90672	1380	2073	$\frac{4}{691}$	$\frac{229}{691}$	$\frac{1}{3}$	$\frac{231}{691}$	Φ_{2073}
90673	1380	516	$\frac{1}{172}$	$\frac{57}{172}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{516}^2\ \Phi_{258}^2\ \Phi_{172}^4\ \Phi_{129}^2\ \Phi_{86}^4\ \Phi_{43}^4\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
90674	1380	348	$\frac{1}{116}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{348}^3\ \Phi_{174}^3\ \Phi_{116}^6\ \Phi_{87}^3\ \Phi_{58}^6\ \Phi_{29}^6\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
90675	1380	258	$\frac{1}{86}$	$\frac{17}{86}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{258}^4\ \Phi_{129}^4\ \Phi_{86}^8\ \Phi_{43}^8\ \Phi_{6}^4\ \Phi_{3}^5\ \Phi_{2}^8\ \Phi_{1}^{10}$
90676	1380	210	$\frac{1}{70}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^7\ \Phi_{105}^7\ \Phi_{70}^6\ \Phi_{42}^7\ \Phi_{35}^6\ \Phi_{30}^7\ \Phi_{21}^7\ \Phi_{15}^7\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_{7}^6\ \Phi_{6}^3\ \Phi_{5}^6\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
90677	1380	819	$\frac{2}{117}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{819}^2\ \Phi_{273}^2\ \Phi_{91}^2\ \Phi_{63}^2\ \Phi_{21}$
90678	1380	1056	$\frac{7}{352}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}^2\ \Phi_{264}\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{32}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_{3}\ \Phi_{1}^2$
90679	1380	129	$\frac{1}{43}$	$\frac{14}{129}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{129}^{11}\ \Phi_{43}^{10}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
90680	1380	516	$\frac{7}{172}$	$\frac{11}{172}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{516}^2\ \Phi_{258}^2\ \Phi_{172}^4\ \Phi_{129}^2\ \Phi_{86}^4\ \Phi_{43}^4\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
90681	1380	48	$\frac{1}{24}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{48}^{31}\ \Phi_{24}^{27}\ \Phi_{16}^{30}\ \Phi_{12}^{27}\ \Phi_{8}^{26}\ \Phi_{6}^{27}\ \Phi_{4}^{26}\ \Phi_{3}^{28}\ \Phi_{2}^{26}\ \Phi_{1}^{28}$
90682	1380	822	$\frac{2}{137}$	$\frac{1}{6}$	$\frac{45}{137}$	$\frac{1}{3}$	$\Phi_{822}^2\ \Phi_{411}\ \Phi_{274}^2\ \Phi_{137}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
90683	1380	1197	$\frac{1}{57}$	$\frac{1}{7}$	$\frac{56}{171}$	$\frac{1}{3}$	$\Phi_{1197}^2\ \Phi_{63}^2\ \Phi_{21}$
90684	1380	2073	$\frac{13}{691}$	$\frac{93}{691}$	$\frac{226}{691}$	$\frac{1}{3}$	Φ_{2073}
90685	1380	1122	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{11}{34}$	$\frac{1}{3}$	$\Phi_{1122}^2\ \Phi_{561}^2\ \Phi_{66}^2\ \Phi_{33}^3$
90686	1380	2073	$\frac{28}{691}$	$\frac{47}{691}$	$\frac{221}{691}$	$\frac{1}{3}$	Φ_{2073}
90687	1380	2160	$\frac{2}{45}$	$\frac{1}{16}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
90688	1380	696	$\frac{1}{24}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{696}^2\ \Phi_{348}^2\ \Phi_{232}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
90689	1380	1023	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{1023}\ \Phi_{341}^2\ \Phi_{93}^2\ \Phi_{31}^2$
90690	1380	2073	$\frac{21}{691}$	$\frac{67}{691}$	$\frac{208}{691}$	$\frac{1}{3}$	Φ_{2073}
90691	1380	987	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{987}^2\ \Phi_{141}^3$
90692	1380	1287	$\frac{2}{117}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}^2\ \Phi_{99}\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
90693	1380	2073	$\frac{11}{691}$	$\frac{136}{691}$	$\frac{185}{691}$	$\frac{1}{3}$	Φ_{2073}
90694	1380	1890	$\frac{1}{70}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{54}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
90695	1380	2340	$\frac{2}{117}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{180}\ \Phi_{130}\ \Phi_{90}\ \Phi_{20}\ \Phi_{10}$
90696	1380	2748	$\frac{4}{229}$	$\frac{45}{229}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2748}\ \Phi_{1374}\ \Phi_{12}^2\ \Phi_6^2$
90697	1380	564	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{564}^3\ \Phi_{282}\ \Phi_{188}^4\ \Phi_{141}^2\ \Phi_{94}^2\ \Phi_{47}^2$
90698	1380	2748	$\frac{9}{229}$	$\frac{22}{229}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2748}\ \Phi_{1374}\ \Phi_{12}^2\ \Phi_6^2$
90699	1380	264	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{264}^6\ \Phi_{132}^5\ \Phi_{88}^6\ \Phi_{66}^5\ \Phi_{44}^6\ \Phi_{33}^6\ \Phi_{22}^6\ \Phi_{11}^6$
90700	1380	3192	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{37}{152}$	$\frac{1}{3}$	$\Phi_{3192}\ \Phi_{1596}\ \Phi_{168}\ \Phi_{84}\ \Phi_{21}$
90701	1380	240	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^6\ \Phi_{60}^6\ \Phi_{48}^7\ \Phi_{40}^6\ \Phi_{30}^2\ \Phi_{24}^7\ \Phi_{20}^6\ \Phi_{16}^6\ \Phi_{15}^4\ \Phi_{12}^7\ \Phi_{10}^2\ \Phi_8^6\ \Phi_6^3\ \Phi_5^4\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
90702	1380	1584	$\frac{1}{16}$	$\frac{7}{99}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
90703	1380	1200	$\frac{1}{16}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{300}^2\ \Phi_{240}\ \Phi_{150}^2\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
90704	1380	399	$\frac{2}{57}$	$\frac{1}{7}$	$\frac{11}{57}$	$\frac{1}{3}$	$\Phi_{399}^4\ \Phi_{133}^4\ \Phi_{21}^5\ \Phi_7^4$
90705	1380	2073	$\frac{26}{691}$	$\frac{93}{691}$	$\frac{133}{691}$	$\frac{1}{3}$	Φ_{2073}
90706	1380	2805	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{16}{85}$	$\frac{1}{3}$	$\Phi_{2805}\ \Phi_{165}\ \Phi_{33}$
90707	1380	696	$\frac{1}{24}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{696}^2\ \Phi_{348}^2\ \Phi_{232}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
90708	1380	2073	$\frac{25}{691}$	$\frac{111}{691}$	$\frac{116}{691}$	$\frac{1}{3}$	Φ_{2073}
90709	1380	822	$\frac{5}{137}$	$\frac{22}{137}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{822}^2\ \Phi_{411}\ \Phi_{274}^2\ \Phi_{137}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
90710	1380	168	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{168}^{10}\ \Phi_{84}^{10}\ \Phi_{56}^{10}\ \Phi_{42}^8\ \Phi_{28}^{10}\ \Phi_{21}^9\ \Phi_{14}^8\ \Phi_7^8$
90711	1380	432	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^2\ \Phi_{108}^4\ \Phi_{72}^2\ \Phi_{54}^4\ \Phi_{48}^3\ \Phi_{36}^2\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
90712	1380	399	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{399}^5\ \Phi_{57}^6\ \Phi_{21}^6\ \Phi_3^6$
90713	1380	1680	$\frac{1}{16}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
90714	1380	1881	$\frac{1}{57}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{56}{171}$	$\Phi_{1881}\ \Phi_{171}^2\ \Phi_{99}\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
90715	1380	3420	$\frac{1}{57}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{56}{171}$	$\Phi_{3420}\ \Phi_{1710}\ \Phi_{180}\ \Phi_{90}\ \Phi_{20}\ \Phi_{10}$
90716	1380	646	$\frac{1}{34}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{11}{34}$	$\Phi_{646}^2\ \Phi_{323}^2\ \Phi_{38}^2\ \Phi_{34}^4\ \Phi_{19}^3\ \Phi_{17}^4\ \Phi_2^4\ \Phi_1^6$
90717	1380	510	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{11}{34}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{30}^5\ \Phi_{15}^5\ \Phi_{10}^3\ \Phi_5^2$
90718	1380	2079	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{67}{297}$	$\frac{32}{99}$	$\Phi_{2079}\ \Phi_{231}\ \Phi_{189}\ \Phi_{77}\ \Phi_{21}$
90719	1380	1947	$\frac{2}{59}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{19}{59}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{59}\ \Phi_{33}^2\ \Phi_3^2\ \Phi_1^2$
90720	1380	1379	$\frac{47}{1379}$	$\frac{187}{1379}$	$\frac{298}{1379}$	$\frac{444}{1379}$	$\Phi_{1379}\ \Phi_{197}\ \Phi_7\ \Phi_1^2$
90721	1380	1662	$\frac{10}{277}$	$\frac{1}{6}$	$\frac{47}{277}$	$\frac{89}{277}$	$\Phi_{1662}\ \Phi_{831}\ \Phi_{554}$
90722	1380	1379	$\frac{50}{1379}$	$\frac{229}{1379}$	$\frac{234}{1379}$	$\frac{443}{1379}$	$\Phi_{1379}\ \Phi_{197}\ \Phi_7\ \Phi_1^2$
90723	1380	1730	$\frac{13}{346}$	$\frac{47}{346}$	$\frac{1}{5}$	$\frac{111}{346}$	$\Phi_{1730}\ \Phi_{865}\ \Phi_{10}$
90724	1380	2184	$\frac{3}{56}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{53}{168}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
90725	1380	168	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{53}{168}$	$\Phi_{168}^{12}\ \Phi_{84}^{12}\ \Phi_{42}^{12}\ \Phi_{24}^{12}\ \Phi_{21}^{12}\ \Phi_{12}^{12}\ \Phi_{7}^{5}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{6}$
90726	1380	870	$\frac{1}{15}$	$\frac{2}{29}$	$\frac{7}{30}$	$\frac{9}{29}$	$\Phi_{870}^{2}\ \Phi_{435}\ \Phi_{290}^{2}\ \Phi_{174}^{2}\ \Phi_{145}\ \Phi_{87}\ \Phi_{58}^{2}\ \Phi_{30}^{4}\ \Phi_{29}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
90727	1380	725	$\frac{2}{29}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{9}{29}$	$\Phi_{725}^{2}\ \Phi_{145}\ \Phi_{29}^{2}\ \Phi_{25}^{4}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
90728	1380	783	$\frac{2}{29}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{9}{29}$	$\Phi_{783}^{2}\ \Phi_{261}\ \Phi_{87}\ \Phi_{29}^{2}\ \Phi_{27}^{4}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
90729	1380	924	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{154}^{2}\ \Phi_{132}\ \Phi_{84}^{3}\ \Phi_{66}\ \Phi_{44}^{2}\ \Phi_{42}^{3}\ \Phi_{28}^{3}\ \Phi_{22}^{2}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
90730	1380	1947	$\frac{3}{59}$	$\frac{1}{11}$	$\frac{14}{59}$	$\frac{10}{33}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{59}\ \Phi_{33}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
90731	1380	2640	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
90732	1380	1947	$\frac{4}{59}$	$\frac{1}{11}$	$\frac{11}{59}$	$\frac{10}{33}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{59}\ \Phi_{33}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
90733	1380	858	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{858}^{2}\ \Phi_{429}\ \Phi_{286}^{2}\ \Phi_{143}^{2}\ \Phi_{78}^{3}\ \Phi_{39}^{2}\ \Phi_{26}^{3}\ \Phi_{13}^{2}$
90734	1380	1947	$\frac{5}{59}$	$\frac{1}{11}$	$\frac{9}{59}$	$\frac{10}{33}$	$\Phi_{1947}\ \Phi_{177}\ \Phi_{59}\ \Phi_{33}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
90735	1380	231	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{10}{33}$	$\Phi_{231}^{10}\ \Phi_{77}\ \Phi_{21}^{10}$
90736	1380	126	$\frac{11}{126}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{63}$	$\Phi_{126}^{12}\ \Phi_{63}^{9}\ \Phi_{42}^{12}\ \Phi_{21}^{12}\ \Phi_{18}^{12}\ \Phi_{14}^{12}\ \Phi_{9}^{9}\ \Phi_{7}^{11}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
90737	1380	210	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{210}^{7}\ \Phi_{105}^{7}\ \Phi_{70}^{7}\ \Phi_{42}^{7}\ \Phi_{35}^{7}\ \Phi_{30}^{4}\ \Phi_{21}^{6}\ \Phi_{15}^{4}\ \Phi_{14}^{7}\ \Phi_{10}^{6}\ \Phi_{7}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
90738	1380	91	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{22}{91}$	$\frac{2}{7}$	$\Phi_{91}^{15}\ \Phi_{13}^{15}\ \Phi_{7}^{17}\ \Phi_{1}^{18}$
90739	1380	840	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{120}^{3}\ \Phi_{105}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{3}\ \Phi_{40}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{3}$
90740	1380	84	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{84}^{21}\ \Phi_{42}^{21}\ \Phi_{28}^{18}\ \Phi_{21}^{6}\ \Phi_{14}^{18}\ \Phi_{12}^{21}\ \Phi_{7}^{5}\ \Phi_{6}^{21}\ \Phi_{4}^{18}\ \Phi_{3}^{6}\ \Phi_{2}^{18}\ \Phi_{1}^{6}$
90741	1380	273	$\frac{5}{91}$	$\frac{1}{7}$	$\frac{43}{273}$	$\frac{2}{7}$	$\Phi_{273}^{6}\ \Phi_{91}^{3}\ \Phi_{39}^{6}\ \Phi_{21}^{6}\ \Phi_{13}^{3}\ \Phi_{7}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
90742	1380	49	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{49}^{30}\ \Phi_{7}^{17}\ \Phi_{1}^{18}$
90743	1380	182	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{182}^{8}\ \Phi_{91}^{6}\ \Phi_{26}^{12}\ \Phi_{14}^{8}\ \Phi_{13}^{9}\ \Phi_{7}^{8}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
90744	1380	1379	$\frac{43}{1379}$	$\frac{209}{1379}$	$\frac{334}{1379}$	$\frac{390}{1379}$	$\Phi_{1379}\ \Phi_{197}\ \Phi_{7}\ \Phi_{1}^{2}$
90745	1380	1464	$\frac{1}{24}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	$\Phi_{1464}\ \Phi_{732}\ \Phi_{488}\ \Phi_{366}\ \Phi_{244}\ \Phi_{183}\ \Phi_{122}$
90746	1380	1672	$\frac{1}{38}$	$\frac{2}{11}$	$\frac{37}{152}$	$\frac{3}{11}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{152}^{2}\ \Phi_{88}\ \Phi_{76}^{2}\ \Phi_{44}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
90747	1380	627	$\frac{2}{57}$	$\frac{2}{11}$	$\frac{11}{57}$	$\frac{3}{11}$	$\Phi_{627}^{2}\ \Phi_{209}^{2}\ \Phi_{57}^{4}\ \Phi_{33}^{2}\ \Phi_{19}^{4}\ \Phi_{11}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
90748	1380	264	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{264}^{5}\ \Phi_{132}^{5}\ \Phi_{88}^{5}\ \Phi_{66}^{4}\ \Phi_{44}^{5}\ \Phi_{33}^{4}\ \Phi_{24}^{10}\ \Phi_{22}^{4}\ \Phi_{12}^{10}\ \Phi_{11}^{5}\ \Phi_{8}^{10}\ \Phi_{6}^{8}\ \Phi_{4}^{10}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
90749	1380	1463	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1463}\ \Phi_{133}^{2}\ \Phi_{77}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
90750	1380	63	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{17}{63}$	$\Phi_{63}^{30}\ \Phi_{21}^{6}\ \Phi_{9}^{30}\ \Phi_{7}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
90751	1380	197	$\frac{7}{197}$	$\frac{36}{197}$	$\frac{38}{197}$	$\frac{53}{197}$	$\Phi_{197}^{7}\ \Phi_{1}^{8}$
90752	1380	1730	$\frac{11}{346}$	$\frac{67}{346}$	$\frac{1}{5}$	$\frac{93}{346}$	$\Phi_{1730}\ \Phi_{865}\ \Phi_{10}$
90753	1380	1379	$\frac{44}{1379}$	$\frac{267}{1379}$	$\frac{278}{1379}$	$\frac{367}{1379}$	$\Phi_{1379}\ \Phi_{197}\ \Phi_{7}\ \Phi_{1}^{2}$
90754	1380	1464	$\frac{1}{24}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{1464}\ \Phi_{732}\ \Phi_{488}\ \Phi_{366}\ \Phi_{244}\ \Phi_{183}\ \Phi_{122}$
90755	1380	496	$\frac{1}{16}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{496}^{3}\ \Phi_{248}^{3}\ \Phi_{124}^{3}\ \Phi_{62}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
90756	1380	154	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{37}{154}$	$\frac{39}{154}$	$\Phi_{154}^{8}\ \Phi_{77}^{10}\ \Phi_{22}^{8}\ \Phi_{14}^{8}\ \Phi_{11}^{10}\ \Phi_{7}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
90757	1380	1379	$\frac{51}{1379}$	$\frac{206}{1379}$	$\frac{332}{1379}$	$\frac{349}{1379}$	$\Phi_{1379}\ \Phi_{197}\ \Phi_{7}\ \Phi_{1}^{2}$
90758	1380	1662	$\frac{9}{277}$	$\frac{1}{6}$	$\frac{67}{277}$	$\frac{70}{277}$	$\Phi_{1662}\ \Phi_{831}\ \Phi_{554}$
90759	1380	760	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{37}{152}$	$\frac{1}{4}$	$\Phi_{760}^{3}\ \Phi_{380}\ \Phi_{190}^{2}\ \Phi_{95}^{2}\ \Phi_{40}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
90760	1380	1092	$\frac{3}{91}$	$\frac{1}{6}$	$\frac{22}{91}$	$\frac{1}{4}$	$\Phi_{1092}^{2}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{156}^{2}\ \Phi_{91}\ \Phi_{84}^{2}\ \Phi_{78}\ \Phi_{52}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}\ \Phi_{21}\ \Phi_{13}\ \Phi_{12}^{4}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
90761	1380	1844	$\frac{17}{461}$	$\frac{70}{461}$	$\frac{111}{461}$	$\frac{1}{4}$	$\Phi_{1844}\ \Phi_{922}$
90762	1380	660	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{7}{30}$	$\frac{1}{4}$	$\Phi_{660}^3\ \Phi_{330}\ \Phi_{220}^3\ \Phi_{165}^2\ \Phi_{132}^3\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}^2\ \Phi_{44}^4\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2$
90763	1380	456	$\frac{1}{24}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{152}^3\ \Phi_{114}^3\ \Phi_{76}^2\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{24}^6\ \Phi_{19}^3\ \Phi_{12}^6\ \Phi_{8}^6\ \Phi_{6}^6\ \Phi_{4}^4\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
90764	1380	1844	$\frac{16}{461}$	$\frac{89}{461}$	$\frac{93}{461}$	$\frac{1}{4}$	$\Phi_{1844}\ \Phi_{922}$
90765	1380	1140	$\frac{2}{57}$	$\frac{11}{57}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{190}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{10}^3$
90766	1380	120	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{120}^{15}\ \Phi_{60}^{13}\ \Phi_{40}^{15}\ \Phi_{30}^{14}\ \Phi_{20}^{14}\ \Phi_{15}^{14}\ \Phi_{10}^{15}\ \Phi_{5}^{14}$
90767	1380	2660	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{140}\ \Phi_{70}\ \Phi_{20}\ \Phi_{10}$
90768	1380	1100	$\frac{2}{25}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1100}^2\ \Phi_{550}^2\ \Phi_{220}\ \Phi_{110}\ \Phi_{44}^2\ \Phi_{22}^2$
90769	1380	1664	$\frac{1}{13}$	$\frac{13}{128}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{52}\ \Phi_{26}$
90770	1380	364	$\frac{1}{13}$	$\frac{3}{28}$	$\frac{5}{28}$	$\frac{1}{4}$	$\Phi_{364}^4\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{52}^5\ \Phi_{26}^5\ \Phi_{13}^4$
90771	1380	588	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{588}^4\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{147}^2\ \Phi_{84}^2\ \Phi_{49}^2\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}^4\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
90772	1380	156	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{156}^{14}\ \Phi_{78}^7\ \Phi_{52}^7\ \Phi_{39}^7\ \Phi_{26}^4\ \Phi_{13}^3\ \Phi_{12}^{16}\ \Phi_{6}^8\ \Phi_{4}^8\ \Phi_{3}^8\ \Phi_{2}^4\ \Phi_{1}^4$
90773	1380	1188	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{4}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{22}^2$
90774	1380	870	$\frac{1}{15}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{7}{30}$	$\Phi_{870}^2\ \Phi_{435}\ \Phi_{290}^2\ \Phi_{174}^2\ \Phi_{145}\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{30}^4\ \Phi_{29}^2\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
90775	1380	210	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{7}{30}$	$\Phi_{210}^7\ \Phi_{105}^8\ \Phi_{70}^7\ \Phi_{42}^8\ \Phi_{35}^8\ \Phi_{21}^9\ \Phi_{14}^8\ \Phi_{7}^8$
90776	1380	924	$\frac{1}{11}$	$\frac{17}{132}$	$\frac{1}{7}$	$\frac{5}{22}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{84}^2\ \Phi_{77}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2$
90777	1380	147	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{1}{7}$	$\frac{32}{147}$	$\Phi_{147}^9\ \Phi_{49}^9\ \Phi_{21}^{12}\ \Phi_{7}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
90778	1380	126	$\frac{11}{126}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{126}^{12}\ \Phi_{63}^{12}\ \Phi_{42}^{12}\ \Phi_{21}^{12}\ \Phi_{18}^{12}\ \Phi_{9}^{12}\ \Phi_{7}^5\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^6$
90779	1380	1615	$\frac{1}{17}$	$\frac{3}{19}$	$\frac{16}{85}$	$\frac{4}{19}$	$\Phi_{1615}\ \Phi_{95}\ \Phi_{85}^2\ \Phi_{19}\ \Phi_{5}^2\ \Phi_{1}^2$
90780	1380	510	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{16}{85}$	$\frac{1}{5}$	$\Phi_{510}^3\ \Phi_{255}^3\ \Phi_{170}^3\ \Phi_{102}^4\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4$
90781	1380	725	$\frac{2}{25}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{5}$	$\Phi_{725}^2\ \Phi_{145}\ \Phi_{29}^2\ \Phi_{25}^4\ \Phi_{5}^2\ \Phi_{1}^4$
90782	1380	1050	$\frac{2}{25}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
90783	1380	385	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{9}{55}$	$\frac{2}{11}$	$\Phi_{385}^5\ \Phi_{77}\ \Phi_{35}^5$
90784	1380	28	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{5}{28}$	$\Phi_{28}^{48}\ \Phi_{14}^{48}\ \Phi_{7}^{53}\ \Phi_{4}^{48}\ \Phi_{2}^{48}\ \Phi_{1}^{54}$
90785	1380	783	$\frac{1}{9}$	$\frac{4}{29}$	$\frac{4}{27}$	$\frac{5}{29}$	$\Phi_{783}^2\ \Phi_{261}\ \Phi_{87}\ \Phi_{29}^2\ \Phi_{27}^4\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
90786	1380	378	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{27}$	$\frac{1}{6}$	$\Phi_{378}^6\ \Phi_{189}^4\ \Phi_{126}^3\ \Phi_{63}^2\ \Phi_{42}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{7}^2$
90787	1381	2208	$\frac{1}{276}$	$\frac{277}{1104}$	$\frac{827}{2208}$	$\frac{275}{552}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{552}\ \Phi_{184}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
90788	1381	2752	$\frac{5}{1376}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1371}{2752}$	$\Phi_{2752}\ \Phi_{64}\ \Phi_{8}\ \Phi_{1}$
90789	1381	2736	$\frac{13}{1368}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1355}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{144}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
90790	1381	2736	$\frac{13}{1368}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1355}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{144}\ \Phi_{48}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
90791	1381	1848	$\frac{5}{462}$	$\frac{1}{6}$	$\frac{467}{1848}$	$\frac{457}{924}$	$\Phi_{1848}\ \Phi_{616}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{66}\ \Phi_{56}\ \Phi_{42}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}\ \Phi_{11}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
90792	1381	2576	$\frac{1}{92}$	$\frac{93}{1288}$	$\frac{1195}{2576}$	$\frac{91}{184}$	$\Phi_{2576}\ \Phi_{368}\ \Phi_{184}\ \Phi_{112}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
90793	1381	2720	$\frac{21}{1360}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{1339}{2720}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
90794	1381	2640	$\frac{1}{60}$	$\frac{61}{1320}$	$\frac{1259}{2640}$	$\frac{59}{120}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{120}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
90795	1381	2700	$\frac{31}{1350}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1319}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{180}\ \Phi_{108}\ \Phi_{100}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
90796	1381	1584	$\frac{5}{198}$	$\frac{203}{1584}$	$\frac{1}{6}$	$\frac{193}{396}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}\ \Phi_{16}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
90797	1381	2688	$\frac{37}{1344}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1307}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{128}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
90798	1381	2688	$\frac{37}{1344}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1307}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{128}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
90799	1381	1860	$\frac{14}{465}$	$\frac{1}{15}$	$\frac{479}{1860}$	$\frac{451}{930}$	$\Phi_{1860}\ \Phi_{620}\ \Phi_{465}\ \Phi_{372}\ \Phi_{155}\ \Phi_{124}\ \Phi_{93}\ \Phi_{60}\ \Phi_{31}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
90800	1381	1512	$\frac{5}{126}$	$\frac{131}{1512}$	$\frac{1}{6}$	$\frac{121}{252}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
90801	1381	2640	$\frac{61}{1320}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1259}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{80}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
90802	1381	2040	$\frac{21}{680}$	$\frac{1}{20}$	$\frac{659}{2040}$	$\frac{19}{40}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{120}\ \Phi_{102}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
90803	1381	1440	$\frac{59}{1440}$	$\frac{1}{20}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
90804	1381	2600	$\frac{1}{20}$	$\frac{81}{1300}$	$\frac{19}{100}$	$\frac{1219}{2600}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{200}\ \Phi_{104}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
90805	1381	1680	$\frac{1}{20}$	$\frac{19}{280}$	$\frac{299}{1680}$	$\frac{261}{560}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
90806	1381	1452	$\frac{71}{1452}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{484}\ \Phi_{363}\ \Phi_{242}\ \Phi_{121}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
90807	1381	1824	$\frac{13}{456}$	$\frac{1}{12}$	$\frac{443}{1824}$	$\frac{11}{24}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{304}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
90808	1381	1440	$\frac{59}{1440}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
90809	1381	1600	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{219}{1600}$	$\frac{181}{400}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
90810	1381	2520	$\frac{1}{60}$	$\frac{121}{1260}$	$\frac{59}{180}$	$\frac{1139}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{180}\ \Phi_{168}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
90811	1381	2520	$\frac{5}{126}$	$\frac{121}{1260}$	$\frac{1}{6}$	$\frac{1139}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{126}\ \Phi_{120}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
90812	1381	2520	$\frac{1}{20}$	$\frac{121}{1260}$	$\frac{19}{140}$	$\frac{1139}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{72}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
90813	1381	2484	$\frac{1}{69}$	$\frac{139}{1242}$	$\frac{68}{207}$	$\frac{1103}{2484}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{276}\ \Phi_{207}\ \Phi_{108}\ \Phi_{92}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
90814	1381	1428	$\frac{47}{1428}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{238}\ \Phi_{204}\ \Phi_{119}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{42}\ \Phi_{34}\ \Phi_{21}\ \Phi_{17}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
90815	1381	1920	$\frac{1}{60}$	$\frac{59}{480}$	$\frac{539}{1920}$	$\frac{421}{960}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
90816	1381	1932	$\frac{1}{69}$	$\frac{68}{483}$	$\frac{551}{1932}$	$\frac{415}{966}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{483}\ \Phi_{276}\ \Phi_{161}\ \Phi_{92}\ \Phi_{84}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
90817	1381	2400	$\frac{1}{60}$	$\frac{181}{1200}$	$\frac{59}{240}$	$\frac{1019}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
90818	1381	2400	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{181}{1200}$	$\frac{1019}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{96}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
90819	1381	2376	$\frac{5}{198}$	$\frac{193}{1188}$	$\frac{1}{6}$	$\frac{995}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{264}\ \Phi_{216}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
90820	1381	1440	$\frac{59}{1440}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
90821	1381	2240	$\frac{1}{20}$	$\frac{19}{280}$	$\frac{261}{1120}$	$\frac{859}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{64}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
90822	1381	2064	$\frac{5}{688}$	$\frac{1}{4}$	$\frac{683}{2064}$	$\frac{3}{8}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{516}\ \Phi_{258}\ \Phi_{129}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
90823	1381	1392	$\frac{11}{1392}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}\ \Phi_{48}\ \Phi_{29}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
90824	1381	1720	$\frac{5}{344}$	$\frac{339}{1720}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1720}\ \Phi_{860}\ \Phi_{430}\ \Phi_{215}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
90825	1381	1408	$\frac{27}{1408}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{128}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
90826	1381	2208	$\frac{1}{92}$	$\frac{91}{368}$	$\frac{277}{1104}$	$\frac{827}{2208}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{368}\ \Phi_{184}\ \Phi_{96}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
90827	1381	1404	$\frac{23}{1404}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{108}\ \Phi_{78}\ \Phi_{54}\ \Phi_{52}\ \Phi_{39}\ \Phi_{27}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
90828	1381	2160	$\frac{1}{60}$	$\frac{59}{360}$	$\frac{301}{1080}$	$\frac{779}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
90829	1381	1440	$\frac{59}{1440}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
90830	1381	2088	$\frac{11}{348}$	$\frac{1}{12}$	$\frac{337}{1044}$	$\frac{707}{2088}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{72}\ \Phi_{58}\ \Phi_{29}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
90831	1381	1656	$\frac{1}{69}$	$\frac{275}{1656}$	$\frac{68}{207}$	$\frac{139}{414}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{276}\ \Phi_{207}\ \Phi_{184}\ \Phi_{92}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
90832	1381	1863	$\frac{1}{69}$	$\frac{139}{621}$	$\frac{482}{1863}$	$\frac{68}{207}$	$\Phi_{1863}\ \Phi_{207}\ \Phi_{81}\ \Phi_{9}\ \Phi_{1}$
90833	1381	2052	$\frac{13}{684}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{671}{2052}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{513}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
90834	1381	1782	$\frac{5}{198}$	$\frac{1}{6}$	$\frac{401}{1782}$	$\frac{193}{594}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{198}\ \Phi_{162}\ \Phi_{99}\ \Phi_{81}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
90835	1381	2025	$\frac{31}{675}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{644}{2025}$	$\Phi_{2025}\ \Phi_{405}\ \Phi_{81}\ \Phi_{45}\ \Phi_{9}\ \Phi_{1}$
90836	1381	2016	$\frac{37}{672}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{635}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
90837	1381	2016	$\frac{37}{672}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{635}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
90838	1381	1800	$\frac{1}{15}$	$\frac{31}{450}$	$\frac{419}{1800}$	$\frac{14}{45}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
90839	1381	1485	$\frac{1}{15}$	$\frac{104}{1485}$	$\frac{31}{135}$	$\frac{14}{45}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
90840	1381	1620	$\frac{1}{15}$	$\frac{31}{270}$	$\frac{239}{1620}$	$\frac{14}{45}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
90841	1381	1575	$\frac{1}{15}$	$\frac{194}{1575}$	$\frac{31}{225}$	$\frac{14}{45}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{175}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
90842	1381	1980	$\frac{5}{66}$	$\frac{61}{660}$	$\frac{1}{6}$	$\frac{599}{1980}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{198}\ \Phi_{180}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{45}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
90843	1381	1800	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{419}{1800}$	$\frac{181}{600}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{100}\ \Phi_{90}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
90844	1381	1680	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{299}{1680}$	$\frac{121}{420}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
90845	1381	1710	$\frac{13}{342}$	$\frac{1}{6}$	$\frac{329}{1710}$	$\frac{5}{18}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{95}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
90846	1381	1440	$\frac{59}{1440}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
90847	1381	1890	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{121}{630}$	$\frac{509}{1890}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
90848	1381	1584	$\frac{5}{66}$	$\frac{203}{1584}$	$\frac{1}{6}$	$\frac{61}{264}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{72}\ \Phi_{66}\ \Phi_{48}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{16}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
90849	1381	1536	$\frac{1}{12}$	$\frac{155}{1536}$	$\frac{37}{192}$	$\frac{11}{48}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
90850	1381	1680	$\frac{1}{12}$	$\frac{37}{336}$	$\frac{299}{1680}$	$\frac{11}{48}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
90851	1381	1512	$\frac{131}{1512}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{168}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{72}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
90852	1381	1650	$\frac{5}{66}$	$\frac{269}{1650}$	$\frac{1}{6}$	$\frac{61}{330}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{275}\ \Phi_{150}\ \Phi_{75}\ \Phi_{66}\ \Phi_{50}\ \Phi_{33}\ \Phi_{25}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
90853	1381	1680	$\frac{37}{336}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{299}{1680}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
90854	1382	4128	$\frac{3}{688}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{685}{1376}$	$\Phi_{4128}\ \Phi_{96}\ \Phi_{12}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
90855	1382	696	$\frac{5}{696}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{696}^2\ \Phi_{348}^2\ \Phi_{232}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{24}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90856	1382	1038	$\frac{1}{173}$	$\frac{172}{519}$	$\frac{1}{3}$	$\frac{347}{1038}$	$\Phi_{1038}^2\ \Phi_{519}\ \Phi_{346}^2\ \Phi_6^2\ \Phi_2^2$
90857	1382	1032	$\frac{3}{344}$	$\frac{1}{4}$	$\frac{341}{1032}$	$\frac{1}{3}$	$\Phi_{1032}\ \Phi_{516}\ \Phi_{344}^2\ \Phi_{258}\ \Phi_{172}^2\ \Phi_{129}\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{24}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90858	1382	2580	$\frac{3}{172}$	$\frac{169}{860}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{645}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
90859	1382	2112	$\frac{13}{704}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
90860	1383	1836	$\frac{2}{459}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{457}{918}$	$\Phi_{1836}\ \Phi_{612}\ \Phi_{459}\ \Phi_{204}\ \Phi_{153}\ \Phi_{108}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{27}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
90861	1383	616	$\frac{1}{154}$	$\frac{1}{4}$	$\frac{155}{616}$	$\frac{153}{308}$	$\Phi_{616}^3\ \Phi_{308}^2\ \Phi_{154}\ \Phi_{88}^3\ \Phi_{77}\ \Phi_{56}^3\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
90862	1383	912	$\frac{5}{456}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{451}{912}$	$\Phi_{912}^3\ \Phi_{304}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
90863	1383	1820	$\frac{6}{455}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{449}{910}$	$\Phi_{1820}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{140}\ \Phi_{91}\ \Phi_{65}\ \Phi_{52}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{14}\ \Phi_{13}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
90864	1383	528	$\frac{1}{66}$	$\frac{67}{528}$	$\frac{1}{4}$	$\frac{65}{132}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{132}^2\ \Phi_{88}^3\ \Phi_{66}\ \Phi_{48}^3\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{24}^3\ \Phi_{22}\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
90865	1383	1804	$\frac{10}{451}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{441}{902}$	$\Phi_{1804}\ \Phi_{451}\ \Phi_{164}\ \Phi_{44}^2\ \Phi_{41}\ \Phi_{22}\ \Phi_{11}\ \Phi_4\ \Phi_1$
90866	1383	504	$\frac{1}{42}$	$\frac{43}{504}$	$\frac{1}{4}$	$\frac{41}{84}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{84}^2\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{42}\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{18}^3\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
90867	1383	896	$\frac{13}{448}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{435}{896}$	$\Phi_{896}^3\ \Phi_{128}^3\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
90868	1383	1764	$\frac{20}{441}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{421}{882}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{441}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{49}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
90869	1383	484	$\frac{1}{22}$	$\frac{23}{484}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{484}^3\ \Phi_{242}^3\ \Phi_{121}^3\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{11}\ \Phi_4\ \Phi_1$
90870	1383	880	$\frac{1}{22}$	$\frac{21}{440}$	$\frac{1}{4}$	$\frac{419}{880}$	$\Phi_{880}^3\ \Phi_{176}^3\ \Phi_{80}^3\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{16}^3\ \Phi_{11}\ \Phi_4\ \Phi_1$
90871	1383	476	$\frac{15}{476}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{476}^3\ \Phi_{238}^3\ \Phi_{119}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{28}^2\ \Phi_{17}^3\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
90872	1383	1716	$\frac{1}{33}$	$\frac{32}{429}$	$\frac{1}{4}$	$\frac{397}{858}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{429}\ \Phi_{156}\ \Phi_{143}\ \Phi_{132}^2\ \Phi_{66}\ \Phi_{52}\ \Phi_{44}^2\ \Phi_{39}\ \Phi_{33}\ \Phi_{22}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
90873	1383	840	$\frac{1}{42}$	$\frac{41}{420}$	$\frac{1}{4}$	$\frac{379}{840}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{84}^2\ \Phi_{56}^3\ \Phi_{42}\ \Phi_{40}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8^3\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
90874	1383	792	$\frac{1}{66}$	$\frac{65}{396}$	$\frac{1}{4}$	$\frac{331}{792}$	$\Phi_{792}^3\ \Phi_{264}^3\ \Phi_{132}^2\ \Phi_{88}^3\ \Phi_{72}^3\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{24}^3\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
90875	1383	468	$\frac{7}{468}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{156}^3\ \Phi_{117}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{36}^3\ \Phi_{26}^3\ \Phi_{18}^3\ \Phi_{13}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
90876	1383	1540	$\frac{1}{77}$	$\frac{76}{385}$	$\frac{1}{4}$	$\frac{309}{770}$	$\Phi_{1540}\ \Phi_{385}\ \Phi_{308}^2\ \Phi_{220}\ \Phi_{154}\ \Phi_{140}\ \Phi_{77}\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{22}\ \Phi_{20}\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
90877	1383	465	$\frac{4}{465}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{465}^3\ \Phi_{155}^3\ \Phi_{93}^3\ \Phi_{31}^3\ \Phi_{15}^2\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
90878	1383	691	$\frac{4}{691}$	$\frac{229}{691}$	$\frac{230}{691}$	$\frac{231}{691}$	$\Phi_{691}^2\ \Phi_1^3$
90879	1383	612	$\frac{2}{153}$	$\frac{151}{612}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{153}^3\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^3\ \Phi_{36}^2\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{17}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
90880	1383	468	$\frac{7}{468}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{156}^3\ \Phi_{117}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{36}^2\ \Phi_{26}^3\ \Phi_{18}^2\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
90881	1383	1020	$\frac{2}{51}$	$\frac{49}{510}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}^2\ \Phi_{51}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
90882	1383	972	$\frac{25}{486}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{972}^2\ \Phi_{486}\ \Phi_{324}^2\ \Phi_{243}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
90883	1383	1188	$\frac{1}{66}$	$\frac{133}{594}$	$\frac{1}{4}$	$\frac{65}{198}$	$\Phi_{1188}^2\ \Phi_{594}\ \Phi_{297}\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{66}\ \Phi_{54}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
90884	1383	684	$\frac{5}{228}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{223}{684}$	$\Phi_{684}^3\ \Phi_{342}^3\ \Phi_{171}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
90885	1383	504	$\frac{1}{21}$	$\frac{43}{504}$	$\frac{1}{4}$	$\frac{20}{63}$	$\Phi_{504}^3\ \Phi_{252}^2\ \Phi_{168}^3\ \Phi_{126}^2\ \Phi_{84}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{36}^2\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
90886	1383	672	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{211}{672}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{168}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{14}\ \Phi_{12}^3\ \Phi_7\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
90887	1383	660	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{1}{4}$	$\frac{199}{660}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{60}^3\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{22}\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{11}\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
90888	1383	1260	$\frac{1}{42}$	$\frac{41}{210}$	$\frac{1}{4}$	$\frac{169}{630}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
90889	1383	528	$\frac{1}{22}$	$\frac{67}{528}$	$\frac{21}{88}$	$\frac{1}{4}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{48}^3\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{11}\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
90890	1383	504	$\frac{1}{14}$	$\frac{43}{504}$	$\frac{13}{56}$	$\frac{1}{4}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_{14}\ \Phi_{12}^3\ \Phi_9^3\ \Phi_7\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
90891	1383	588	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{127}{588}$	$\frac{1}{4}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{147}^3\ \Phi_{98}^2\ \Phi_{84}^3\ \Phi_{49}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
90892	1383	480	$\frac{19}{480}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
90893	1383	1140	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{109}{570}$	$\frac{1}{4}$	$\Phi_{1140}^2\ \Phi_{570}\ \Phi_{380}^2\ \Phi_{285}\ \Phi_{190}\ \Phi_{95}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
90894	1383	1100	$\frac{1}{22}$	$\frac{89}{550}$	$\frac{21}{110}$	$\frac{1}{4}$	$\Phi_{1100}^2\ \Phi_{550}\ \Phi_{275}\ \Phi_{100}^2\ \Phi_{50}\ \Phi_{44}^2\ \Phi_{25}\ \Phi_{22}\ \Phi_{11}\ \Phi_4\ \Phi_1$
90895	1383	560	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{99}{560}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{14}\ \Phi_{10}^3\ \Phi_7\ \Phi_5^3\ \Phi_4\ \Phi_1$
90896	1383	980	$\frac{29}{490}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{980}^2\ \Phi_{490}\ \Phi_{245}\ \Phi_{196}^2\ \Phi_{140}\ \Phi_{98}\ \Phi_{49}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
90897	1383	1092	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{85}{546}$	$\frac{1}{4}$	$\Phi_{1092}^2\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{156}^2\ \Phi_{91}\ \Phi_{84}^2\ \Phi_{78}\ \Phi_{52}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
90898	1384	345	$\frac{1}{345}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{172}{345}$	$\Phi_{345}^4\ \Phi_{115}^4\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
90899	1384	1383	$\frac{5}{1383}$	$\frac{347}{1383}$	$\frac{518}{1383}$	$\frac{689}{1383}$	$\Phi_{1383}\ \Phi_{461}\ \Phi_3\ \Phi_1^2$
90900	1384	231	$\frac{1}{231}$	$\frac{58}{231}$	$\frac{1}{3}$	$\frac{115}{231}$	$\Phi_{231}^6\ \Phi_{77}^6\ \Phi_{33}^6\ \Phi_{21}^6\ \Phi_{11}^6\ \Phi_7^6\ \Phi_3^5\ \Phi_1^6$
90901	1384	1377	$\frac{7}{1377}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{685}{1377}$	$\Phi_{1377}\ \Phi_{459}\ \Phi_{153}\ \Phi_{81}\ \Phi_{51}\ \Phi_{27}\ \Phi_{17}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
90902	1384	2408	$\frac{1}{172}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{171}{344}$	$\Phi_{2408}\ \Phi_{344}^2\ \Phi_{56}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
90903	1384	5160	$\frac{1}{172}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{171}{344}$	$\Phi_{5160}\ \Phi_{120}\ \Phi_{15}$
90904	1384	461	$\frac{3}{461}$	$\frac{115}{461}$	$\frac{116}{461}$	$\frac{229}{461}$	$\Phi_{461}^3\ \Phi_1^4$
90905	1384	1029	$\frac{3}{343}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{170}{343}$	$\Phi_{1029}^2\ \Phi_{147}^2\ \Phi_{21}^3\ \Phi_3^2$
90906	1384	198	$\frac{1}{99}$	$\frac{25}{198}$	$\frac{1}{3}$	$\frac{49}{99}$	$\Phi_{198}^8\ \Phi_{99}^6\ \Phi_{66}^8\ \Phi_{33}^6\ \Phi_{22}^8\ \Phi_{18}^8\ \Phi_{11}^6\ \Phi_9^6\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
90907	1384	342	$\frac{2}{171}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{169}{342}$	$\Phi_{342}^8\ \Phi_{114}^8\ \Phi_{38}^8\ \Phi_{18}^8\ \Phi_9^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
90908	1384	1155	$\frac{1}{77}$	$\frac{39}{385}$	$\frac{1}{3}$	$\frac{38}{77}$	$\Phi_{1155}^2\ \Phi_{231}\ \Phi_{165}^2\ \Phi_{105}^2\ \Phi_{33}\ \Phi_{21}\ \Phi_{15}^2$
90909	1384	1365	$\frac{19}{1365}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{673}{1365}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}\ \Phi_{39}\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{13}\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
90910	1384	1023	$\frac{5}{341}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{168}{341}$	$\Phi_{1023}^2\ \Phi_{93}^2\ \Phi_{33}^3\ \Phi_3^2$
90911	1384	189	$\frac{1}{63}$	$\frac{16}{189}$	$\frac{1}{3}$	$\frac{31}{63}$	$\Phi_{189}^8\ \Phi_{63}^6\ \Phi_{27}^8\ \Phi_{21}^6\ \Phi_9^6\ \Phi_7^6\ \Phi_3^5\ \Phi_1^6$
90912	1384	2088	$\frac{1}{58}$	$\frac{1}{9}$	$\frac{59}{232}$	$\frac{57}{116}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{522}\ \Phi_{261}\ \Phi_{174}\ \Phi_{87}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_6$
90913	1384	1353	$\frac{31}{1353}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{661}{1353}$	$\Phi_{1353}\ \Phi_{451}\ \Phi_{123}\ \Phi_{41}\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
90914	1384	336	$\frac{5}{168}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{163}{336}$	$\Phi_{336}^8\ \Phi_{112}^8\ \Phi_{48}^8\ \Phi_{21}^2\ \Phi_{16}^8\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
90915	1384	1008	$\frac{5}{168}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{163}{336}$	$\Phi_{1008}^3\ \Phi_{336}^2\ \Phi_{144}^3\ \Phi_{112}^2\ \Phi_{48}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90916	1384	363	$\frac{1}{33}$	$\frac{17}{363}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{363}^4\ \Phi_{121}^4\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
90917	1384	1323	$\frac{2}{63}$	$\frac{61}{1323}$	$\frac{1}{3}$	$\frac{631}{1323}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{189}\ \Phi_{147}\ \Phi_{63}^2\ \Phi_{49}\ \Phi_{27}\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
90918	1384	357	$\frac{11}{357}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{357}^4\ \Phi_{119}^4\ \Phi_{51}^4\ \Phi_{21}^2\ \Phi_{17}^4\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
90919	1384	330	$\frac{1}{33}$	$\frac{8}{165}$	$\frac{1}{3}$	$\frac{157}{330}$	$\Phi_{330}^8\ \Phi_{110}^8\ \Phi_{66}^8\ \Phi_{33}^2\ \Phi_{30}^8\ \Phi_{22}^8\ \Phi_{11}^2\ \Phi_{10}^8\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
90920	1384	1287	$\frac{2}{99}$	$\frac{97}{1287}$	$\frac{1}{3}$	$\frac{595}{1287}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}^2\ \Phi_{39}\ \Phi_{33}^2\ \Phi_{13}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
90921	1384	528	$\frac{3}{176}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{48}^4\ \Phi_{33}^3\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^2$
90922	1384	315	$\frac{1}{63}$	$\frac{31}{315}$	$\frac{1}{3}$	$\frac{142}{315}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^6\ \Phi_{45}^4\ \Phi_{35}^4\ \Phi_{21}^6\ \Phi_{15}^4\ \Phi_9^6\ \Phi_7^6\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
90923	1384	351	$\frac{5}{351}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{351}^4\ \Phi_{117}^4\ \Phi_{39}^4\ \Phi_{27}^4\ \Phi_{13}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
90924	1384	924	$\frac{1}{77}$	$\frac{19}{154}$	$\frac{1}{3}$	$\frac{135}{308}$	$\Phi_{924}^4\ \Phi_{231}\ \Phi_{132}^4\ \Phi_{84}^4\ \Phi_{33}\ \Phi_{21}\ \Phi_{12}^4$
90925	1384	525	$\frac{2}{175}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{525}^4\ \Phi_{105}^4\ \Phi_{75}^4\ \Phi_{21}^3\ \Phi_{15}^4\ \Phi_3^2$
90926	1384	1806	$\frac{1}{86}$	$\frac{1}{7}$	$\frac{85}{258}$	$\frac{3}{7}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{258}^2\ \Phi_{129}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
90927	1384	1232	$\frac{3}{176}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{176}^2\ \Phi_{154}\ \Phi_{112}\ \Phi_{88}^2\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
90928	1384	1505	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{42}{215}$	$\frac{3}{7}$	$\Phi_{1505}\ \Phi_{215}^2\ \Phi_{35}\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
90929	1384	297	$\frac{1}{99}$	$\frac{49}{297}$	$\frac{1}{3}$	$\frac{124}{297}$	$\Phi_{297}^4\ \Phi_{99}^6\ \Phi_{33}^6\ \Phi_{27}^4\ \Phi_{11}^6\ \Phi_9^6\ \Phi_3^5\ \Phi_1^6$
90930	1384	180	$\frac{7}{180}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^8\ \Phi_{45}^8\ \Phi_{36}^5\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{18}^8\ \Phi_{15}^8\ \Phi_{12}^6\ \Phi_{10}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_5^8\ \Phi_4^6\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
90931	1384	2610	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{28}{145}$	$\frac{117}{290}$	$\Phi_{2610}\ \Phi_{870}\ \Phi_{522}\ \Phi_{261}\ \Phi_{174}\ \Phi_{90}\ \Phi_{87}\ \Phi_{30}\ \Phi_{18}\ \Phi_6$
90932	1384	1155	$\frac{2}{231}$	$\frac{229}{1155}$	$\frac{1}{3}$	$\frac{463}{1155}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}^2\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}^2\ \Phi_{55}\ \Phi_{35}\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
90933	1384	174	$\frac{1}{174}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{174}^8\ \Phi_{87}^8\ \Phi_{58}^8\ \Phi_{29}^8\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
90934	1384	1035	$\frac{2}{345}$	$\frac{343}{1035}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1035}^2\ \Phi_{207}^2\ \Phi_{45}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
90935	1384	690	$\frac{1}{115}$	$\frac{57}{230}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{690}^2\ \Phi_{345}\ \Phi_{230}^4\ \Phi_{138}^2\ \Phi_{115}^2\ \Phi_{69}\ \Phi_{46}^4\ \Phi_{30}^2\ \Phi_{23}^2\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
90936	1384	525	$\frac{2}{175}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{175}^4\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{35}^4\ \Phi_{25}^4\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
90937	1384	207	$\frac{1}{69}$	$\frac{34}{207}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{207}^8\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_9^8\ \Phi_3^5\ \Phi_1^6$
90938	1384	705	$\frac{13}{705}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{705}^2\ \Phi_{235}^2\ \Phi_{141}^2\ \Phi_{47}^2\ \Phi_3\ \Phi_1^2$
90939	1384	759	$\frac{2}{69}$	$\frac{67}{759}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{759}^2\ \Phi_{253}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
90940	1384	180	$\frac{7}{180}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^8\ \Phi_{45}^8\ \Phi_{36}^8\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{18}^8\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_9^8\ \Phi_6^8\ \Phi_5^4\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
90941	1384	552	$\frac{1}{23}$	$\frac{11}{184}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{184}^4\ \Phi_{138}^2\ \Phi_{92}^4\ \Phi_{69}\ \Phi_{46}^4\ \Phi_{24}^2\ \Phi_{23}^2\ \Phi_{12}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
90942	1384	891	$\frac{1}{99}$	$\frac{199}{891}$	$\frac{98}{297}$	$\frac{1}{3}$	$\Phi_{891}^2\ \Phi_{99}^2\ \Phi_{81}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
90943	1384	1290	$\frac{1}{86}$	$\frac{1}{5}$	$\frac{85}{258}$	$\frac{1}{3}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{430}^2\ \Phi_{215}^2\ \Phi_{30}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
90944	1384	1029	$\frac{6}{343}$	$\frac{1}{7}$	$\frac{337}{1029}$	$\frac{1}{3}$	$\Phi_{1029}\ \Phi_{343}^2\ \Phi_{147}\ \Phi_{49}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
90945	1384	513	$\frac{4}{171}$	$\frac{1}{9}$	$\frac{167}{513}$	$\frac{1}{3}$	$\Phi_{513}^4\ \Phi_{27}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
90946	1384	1023	$\frac{10}{341}$	$\frac{1}{11}$	$\frac{331}{1023}$	$\frac{1}{3}$	$\Phi_{1023}\ \Phi_{341}^2\ \Phi_{93}\ \Phi_{33}^2\ \Phi_{31}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
90947	1384	189	$\frac{2}{63}$	$\frac{16}{189}$	$\frac{61}{189}$	$\frac{1}{3}$	$\Phi_{189}^7\ \Phi_{63}^8\ \Phi_{27}^7\ \Phi_{21}^8\ \Phi_9^8\ \Phi_7^8\ \Phi_3^7\ \Phi_1^8$
90948	1384	252	$\frac{1}{21}$	$\frac{5}{84}$	$\frac{79}{252}$	$\frac{1}{3}$	$\Phi_{252}^8\ \Phi_{126}^8\ \Phi_{63}^8\ \Phi_{36}^8\ \Phi_{21}^2\ \Phi_{18}^8\ \Phi_9^8\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
90949	1384	495	$\frac{1}{33}$	$\frac{16}{165}$	$\frac{149}{495}$	$\frac{1}{3}$	$\Phi_{495}^4\ \Phi_{99}^4\ \Phi_{45}^4\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
90950	1384	945	$\frac{1}{63}$	$\frac{62}{315}$	$\frac{253}{945}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{63}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
90951	1384	351	$\frac{5}{351}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{351}^4\ \Phi_{117}^4\ \Phi_{39}^4\ \Phi_{27}^3\ \Phi_{13}^4\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
90952	1384	231	$\frac{1}{77}$	$\frac{19}{77}$	$\frac{58}{231}$	$\frac{1}{3}$	$\Phi_{231}^5\ \Phi_{77}^8\ \Phi_{33}^5\ \Phi_{21}^5\ \Phi_{11}^8\ \Phi_7^8\ \Phi_3^4\ \Phi_1^8$
90953	1384	2640	$\frac{3}{176}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{240}\ \Phi_{165}\ \Phi_{120}\ \Phi_{15}$
90954	1384	459	$\frac{7}{459}$	$\frac{2}{9}$	$\frac{113}{459}$	$\frac{1}{3}$	$\Phi_{459}^3\ \Phi_{153}^3\ \Phi_{51}^3\ \Phi_{27}^3\ \Phi_{17}^3\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
90955	1384	198	$\frac{1}{33}$	$\frac{25}{198}$	$\frac{8}{33}$	$\frac{1}{3}$	$\Phi_{198}^8\ \Phi_{99}^8\ \Phi_{66}^8\ \Phi_{33}^2\ \Phi_{22}^8\ \Phi_{18}^8\ \Phi_{11}^2\ \Phi_9^8\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
90956	1384	684	$\frac{2}{57}$	$\frac{1}{9}$	$\frac{55}{228}$	$\frac{1}{3}$	$\Phi_{684}^3\ \Phi_{342}^3\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90957	1384	189	$\frac{1}{21}$	$\frac{16}{189}$	$\frac{5}{21}$	$\frac{1}{3}$	$\Phi_{189}^8\ \Phi_{63}^8\ \Phi_{27}^8\ \Phi_{21}^2\ \Phi_9^8\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
90958	1384	180	$\frac{7}{180}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^8\ \Phi_{45}^8\ \Phi_{36}^8\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{18}^8\ \Phi_{15}^8\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_9^2\ \Phi_6^8\ \Phi_5^8\ \Phi_4^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
90959	1384	765	$\frac{7}{153}$	$\frac{73}{765}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}\ \Phi_{85}^2\ \Phi_{51}\ \Phi_{45}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
90960	1384	729	$\frac{37}{729}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{729}^2\ \Phi_{243}^2\ \Phi_{81}\ \Phi_{27}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
90961	1384	441	$\frac{2}{63}$	$\frac{61}{441}$	$\frac{95}{441}$	$\frac{1}{3}$	$\Phi_{441}^3\ \Phi_{147}^3\ \Phi_{63}^4\ \Phi_{49}^3\ \Phi_{21}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
90962	1384	645	$\frac{1}{43}$	$\frac{42}{215}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{645}^3\ \Phi_{129}^4\ \Phi_{15}^4\ \Phi_3^4$
90963	1384	825	$\frac{1}{33}$	$\frac{133}{825}$	$\frac{32}{165}$	$\frac{1}{3}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{75}^2\ \Phi_{33}^2\ \Phi_{25}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
90964	1384	855	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{163}{855}$	$\frac{1}{3}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{95}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
90965	1384	735	$\frac{43}{735}$	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}^2\ \Phi_{105}\ \Phi_{49}^2\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
90966	1384	210	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{37}{210}$	$\frac{1}{3}$	$\Phi_{210}^8\ \Phi_{105}^8\ \Phi_{70}^8\ \Phi_{35}^8\ \Phi_{30}^8\ \Phi_{21}^2\ \Phi_{15}^8\ \Phi_{10}^8\ \Phi_7^2\ \Phi_5^8\ \Phi_3\ \Phi_1^2$
90967	1384	819	$\frac{19}{273}$	$\frac{2}{21}$	$\frac{127}{819}$	$\frac{1}{3}$	$\Phi_{819}^2\ \Phi_{273}\ \Phi_{117}^2\ \Phi_{91}\ \Phi_{63}^2\ \Phi_{39}\ \Phi_{21}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
90968	1384	735	$\frac{43}{735}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}\ \Phi_{105}^2\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
90969	1384	588	$\frac{3}{49}$	$\frac{23}{196}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{588}^4\ \Phi_{294}^4\ \Phi_{147}^2\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{21}^3\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^2$
90970	1384	252	$\frac{5}{84}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{79}{252}$	$\Phi_{252}^5\ \Phi_{126}^5\ \Phi_{84}^6\ \Phi_{63}^5\ \Phi_{42}^6\ \Phi_{36}^5\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{18}^8\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_9^7\ \Phi_7^6\ \Phi_6^8\ \Phi_4^6\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
90971	1384	576	$\frac{19}{192}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^2\ \Phi_{144}^3\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90972	1384	630	$\frac{1}{9}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{210}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{90}^3\ \Phi_{70}^2\ \Phi_{45}^3\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
90973	1385	552	$\frac{1}{276}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{275}{552}$	$\Phi_{552}\ \Phi_{276}^4\ \Phi_{184}\ \Phi_{138}^4\ \Phi_{92}^4\ \Phi_{69}^4\ \Phi_{46}^4\ \Phi_{24}\ \Phi_{23}^4\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
90974	1385	2752	$\frac{9}{1376}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1367}{2752}$	$\Phi_{2752}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
90975	1385	2736	$\frac{17}{1368}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1351}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{144}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
90976	1385	1856	$\frac{7}{464}$	$\frac{1}{8}$	$\frac{471}{1856}$	$\frac{457}{928}$	$\Phi_{1856}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{64}\ \Phi_{58}\ \Phi_{29}\ \Phi_{16}\ \Phi_1$
90977	1385	2688	$\frac{41}{1344}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1303}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{128}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
90978	1385	2064	$\frac{9}{688}$	$\frac{1}{8}$	$\frac{679}{2064}$	$\frac{7}{16}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{516}\ \Phi_{258}\ \Phi_{129}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
90979	1385	1408	$\frac{23}{1408}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{128}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
90980	1385	288	$\frac{11}{288}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^4\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{32}^4\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^4\ \Phi_6^5\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
90981	1385	464	$\frac{7}{232}$	$\frac{1}{8}$	$\frac{45}{232}$	$\frac{187}{464}$	$\Phi_{464}^5\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{29}\ \Phi_{16}^5\ \Phi_1$
90982	1385	2232	$\frac{2}{279}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{279}\ \Phi_{248}\ \Phi_{93}\ \Phi_{72}\ \Phi_{31}\ \Phi_9\ \Phi_8\ \Phi_1$
90983	1385	1656	$\frac{1}{138}$	$\frac{1}{4}$	$\frac{137}{414}$	$\frac{3}{8}$	$\Phi_{1656}^2\ \Phi_{414}\ \Phi_{207}\ \Phi_{72}^2\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
90984	1385	280	$\frac{3}{280}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^5\ \Phi_{140}^5\ \Phi_{70}^5\ \Phi_{56}^5\ \Phi_{40}^5\ \Phi_{35}^5\ \Phi_{28}^5\ \Phi_{20}^5\ \Phi_{14}^5\ \Phi_{10}^5\ \Phi_8^2\ \Phi_7^5\ \Phi_5^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
90985	1385	368	$\frac{1}{92}$	$\frac{91}{368}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{368}^5\ \Phi_{184}\ \Phi_{92}^4\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{16}^5\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
90986	1385	2760	$\frac{1}{69}$	$\frac{68}{345}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{345}\ \Phi_{120}\ \Phi_{115}\ \Phi_{40}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
90987	1385	1128	$\frac{5}{282}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1128}^2\ \Phi_{376}^2\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}\ \Phi_{47}\ \Phi_8\ \Phi_1$
90988	1385	1288	$\frac{1}{46}$	$\frac{45}{322}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1288}^2\ \Phi_{322}\ \Phi_{161}\ \Phi_{56}^2\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
90989	1385	288	$\frac{11}{288}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{32}^5\ \Phi_{24}\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_9^5\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
90990	1385	2392	$\frac{1}{23}$	$\frac{22}{299}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2392}\ \Phi_{299}\ \Phi_{104}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
90991	1385	2076	$\frac{1}{173}$	$\frac{172}{519}$	$\frac{691}{2076}$	$\frac{347}{1038}$	$\Phi_{2076}\ \Phi_{692}\ \Phi_{519}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
90992	1385	2016	$\frac{41}{672}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{631}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
90993	1385	1824	$\frac{17}{456}$	$\frac{1}{8}$	$\frac{439}{1824}$	$\frac{7}{24}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{304}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
90994	1385	288	$\frac{11}{288}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^5\ \Phi_{72}^4\ \Phi_{48}^5\ \Phi_{36}^4\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{18}^4\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_{9}^4\ \Phi_{8}^4\ \Phi_{6}^5\ \Phi_{4}^4\ \Phi_{3}^5\ \Phi_{2}^4\ \Phi_{1}^5$
90995	1385	1536	$\frac{151}{1536}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{192}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
90996	1385	336	$\frac{41}{336}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{59}{336}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^4\ \Phi_{84}^4\ \Phi_{56}^5\ \Phi_{48}^5\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^5\ \Phi_{21}^4\ \Phi_{16}^5\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_{8}^4\ \Phi_{7}^4\ \Phi_{6}^5\ \Phi_{4}^4\ \Phi_{3}^5\ \Phi_{2}^4\ \Phi_{1}^5$
90997	1386	1108	$\frac{1}{277}$	$\frac{139}{554}$	$\frac{415}{1108}$	$\frac{138}{277}$	$\Phi_{1108}^2\ \Phi_{277}\ \Phi_{4}^2\ \Phi_{1}^2$
90998	1386	460	$\frac{1}{230}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{229}{460}$	$\Phi_{460}^6\ \Phi_{92}^6\ \Phi_{20}^6\ \Phi_{5}\ \Phi_{4}^6\ \Phi_{1}^2$
90999	1386	1380	$\frac{1}{230}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{229}{460}$	$\Phi_{1380}\ \Phi_{690}^2\ \Phi_{345}^2\ \Phi_{276}\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{60}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{6}^3\ \Phi_{3}^2$
91000	1386	2364	$\frac{1}{197}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{98}{197}$	$\Phi_{2364}\ \Phi_{788}\ \Phi_{197}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
91001	1386	1773	$\frac{1}{197}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{98}{197}$	$\Phi_{1773}\ \Phi_{197}\ \Phi_{9}^2\ \Phi_{1}^2$
91002	1386	2448	$\frac{1}{153}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{76}{153}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{153}\ \Phi_{144}\ \Phi_{51}\ \Phi_{48}\ \Phi_{17}\ \Phi_{16}^2\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
91003	1386	612	$\frac{1}{153}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{76}{153}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{153}^3\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^3\ \Phi_{36}^2\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{17}^3\ \Phi_{12}^2\ \Phi_{9}^3\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
91004	1386	500	$\frac{1}{125}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{62}{125}$	$\Phi_{500}^5\ \Phi_{125}\ \Phi_{100}^5\ \Phi_{25}\ \Phi_{20}^6\ \Phi_{5}\ \Phi_{4}^6\ \Phi_{1}^2$
91005	1386	375	$\frac{1}{125}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{62}{125}$	$\Phi_{375}^5\ \Phi_{125}\ \Phi_{75}^5\ \Phi_{25}\ \Phi_{15}^6\ \Phi_{5}\ \Phi_{3}^6\ \Phi_{1}^2$
91006	1386	1385	$\frac{13}{1385}$	$\frac{233}{1385}$	$\frac{384}{1385}$	$\frac{686}{1385}$	$\Phi_{1385}\ \Phi_{277}\ \Phi_{5}\ \Phi_{1}^2$
91007	1386	2548	$\frac{1}{98}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{97}{196}$	$\Phi_{2548}\ \Phi_{364}\ \Phi_{196}^2\ \Phi_{52}\ \Phi_{28}^2\ \Phi_{13}\ \Phi_{4}^2\ \Phi_{1}^2$
91008	1386	1176	$\frac{1}{98}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{97}{196}$	$\Phi_{1176}^2\ \Phi_{588}\ \Phi_{294}^2\ \Phi_{168}^2\ \Phi_{147}^2\ \Phi_{84}\ \Phi_{42}^2\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_{6}^3\ \Phi_{3}^2$
91009	1386	1852	$\frac{5}{463}$	$\frac{78}{463}$	$\frac{1}{4}$	$\frac{229}{463}$	$\Phi_{1852}\ \Phi_{926}$
91010	1386	2584	$\frac{1}{76}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{75}{152}$	$\Phi_{2584}\ \Phi_{152}^2\ \Phi_{136}\ \Phi_{17}\ \Phi_{8}^2\ \Phi_{1}^2$
91011	1386	2280	$\frac{1}{76}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{75}{152}$	$\Phi_{2280}^2\ \Phi_{456}\ \Phi_{120}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{6}$
91012	1386	2584	$\frac{1}{76}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{75}{152}$	$\Phi_{2584}\ \Phi_{152}^2\ \Phi_{136}\ \Phi_{17}\ \Phi_{8}^2\ \Phi_{1}^2$
91013	1386	1064	$\frac{1}{76}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{75}{152}$	$\Phi_{1064}^3\ \Phi_{56}^3\ \Phi_{28}\ \Phi_{14}$
91014	1386	520	$\frac{1}{65}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{32}{65}$	$\Phi_{520}^5\ \Phi_{104}^5\ \Phi_{65}\ \Phi_{40}^6\ \Phi_{13}\ \Phi_{8}^6\ \Phi_{5}\ \Phi_{1}^2$
91015	1386	130	$\frac{1}{65}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{32}{65}$	$\Phi_{130}^{10}\ \Phi_{65}^{11}\ \Phi_{26}^{10}\ \Phi_{13}^{11}\ \Phi_{10}^{12}\ \Phi_{5}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
91016	1386	520	$\frac{1}{65}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{32}{65}$	$\Phi_{520}^3\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{104}^3\ \Phi_{65}^3\ \Phi_{52}^2\ \Phi_{40}^3\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{13}^3\ \Phi_{10}^2\ \Phi_{8}^6\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
91017	1386	325	$\frac{1}{65}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{32}{65}$	$\Phi_{325}^5\ \Phi_{65}\ \Phi_{25}^6\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}^2$
91018	1386	2604	$\frac{1}{62}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{61}{124}$	$\Phi_{2604}\ \Phi_{868}\ \Phi_{372}\ \Phi_{124}^2\ \Phi_{84}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
91019	1386	372	$\frac{1}{62}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{61}{124}$	$\Phi_{372}^3\ \Phi_{186}^4\ \Phi_{124}^4\ \Phi_{93}^4\ \Phi_{62}^4\ \Phi_{31}^4\ \Phi_{12}^5\ \Phi_{6}^6\ \Phi_{4}^6\ \Phi_{3}^5\ \Phi_{2}^6\ \Phi_{1}^6$
91020	1386	868	$\frac{1}{62}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{61}{124}$	$\Phi_{868}^3\ \Phi_{124}^4\ \Phi_{28}^3\ \Phi_{14}^2\ \Phi_{7}\ \Phi_{4}^4\ \Phi_{2}^2\ \Phi_{1}^2$
91021	1386	277	$\frac{5}{277}$	$\frac{46}{277}$	$\frac{47}{277}$	$\frac{136}{277}$	$\Phi_{277}^5\ \Phi_{1}^6$
91022	1386	1385	$\frac{29}{1385}$	$\frac{101}{1385}$	$\frac{428}{1385}$	$\frac{678}{1385}$	$\Phi_{1385}\ \Phi_{277}\ \Phi_{5}\ \Phi_{1}^2$
91023	1386	2624	$\frac{1}{41}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{20}{41}$	$\Phi_{2624}\ \Phi_{64}^2\ \Phi_{41}\ \Phi_{1}^2$
91024	1386	656	$\frac{1}{41}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{20}{41}$	$\Phi_{656}^2\ \Phi_{328}^2\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{41}^3\ \Phi_{16}^4\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
91025	1386	492	$\frac{1}{41}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{20}{41}$	$\Phi_{492}^3\ \Phi_{246}^3\ \Phi_{164}^2\ \Phi_{123}^3\ \Phi_{82}^2\ \Phi_{41}^3\ \Phi_{12}^6\ \Phi_{6}^6\ \Phi_{4}^4\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
91026	1386	1640	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{20}{41}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{410}\ \Phi_{205}\ \Phi_{41}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
91027	1386	1592	$\frac{5}{199}$	$\frac{1}{8}$	$\frac{34}{199}$	$\frac{97}{199}$	$\Phi_{1592}\ \Phi_{796}\ \Phi_{398}$
91028	1386	2850	$\frac{2}{75}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{2850}\ \Phi_{950}\ \Phi_{570}\ \Phi_{190}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
91029	1386	150	$\frac{2}{75}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{73}{150}$	$\Phi_{150}^8\ \Phi_{75}^{10}\ \Phi_{50}^8\ \Phi_{30}^8\ \Phi_{25}^{10}\ \Phi_{15}^{10}\ \Phi_{10}^{12}\ \Phi_6^8\ \Phi_5^{13}\ \Phi_3^{10}\ \Phi_2^{12}\ \Phi_1^{14}$
91030	1386	1385	$\frac{37}{1385}$	$\frac{164}{1385}$	$\frac{237}{1385}$	$\frac{674}{1385}$	$\Phi_{1385}\ \Phi_{277}\ \Phi_5\ \Phi_1^2$
91031	1386	1852	$\frac{13}{463}$	$\frac{34}{463}$	$\frac{1}{4}$	$\frac{225}{463}$	$\Phi_{1852}\ \Phi_{926}$
91032	1386	2112	$\frac{1}{32}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{2112}^2\ \Phi_{192}\ \Phi_{66}\ \Phi_{33}\ \Phi_6$
91033	1386	2624	$\frac{1}{32}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{31}{64}$	$\Phi_{2624}\ \Phi_{64}^2\ \Phi_{41}\ \Phi_1^2$
91034	1386	960	$\frac{1}{32}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{960}^3\ \Phi_{320}^3\ \Phi_{192}^3\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
91035	1386	2624	$\frac{1}{32}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{31}{64}$	$\Phi_{2624}\ \Phi_{64}^2\ \Phi_{41}\ \Phi_1^2$
91036	1386	448	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{31}{64}$	$\Phi_{448}^7\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
91037	1386	930	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{16}{93}$	$\frac{15}{31}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{310}\ \Phi_{186}^2\ \Phi_{155}\ \Phi_{62}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
91038	1386	277	$\frac{9}{277}$	$\frac{13}{277}$	$\frac{88}{277}$	$\frac{134}{277}$	$\Phi_{277}^5\ \Phi_1^6$
91039	1386	1976	$\frac{1}{26}$	$\frac{1}{19}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{1976}\ \Phi_{494}\ \Phi_{247}\ \Phi_{152}\ \Phi_{38}$
91040	1386	1524	$\frac{5}{127}$	$\frac{1}{12}$	$\frac{22}{127}$	$\frac{61}{127}$	$\Phi_{1524}\ \Phi_{762}\ \Phi_{508}\ \Phi_{381}\ \Phi_{254}$
91041	1386	570	$\frac{4}{95}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{91}{190}$	$\Phi_{570}^5\ \Phi_{190}^4\ \Phi_{114}^5\ \Phi_{38}^4\ \Phi_{30}^5\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
91042	1386	1385	$\frac{61}{1385}$	$\frac{104}{1385}$	$\frac{241}{1385}$	$\frac{662}{1385}$	$\Phi_{1385}\ \Phi_{277}\ \Phi_5\ \Phi_1^2$
91043	1386	1852	$\frac{21}{463}$	$\frac{22}{463}$	$\frac{1}{4}$	$\frac{221}{463}$	$\Phi_{1852}\ \Phi_{926}$
91044	1386	651	$\frac{1}{31}$	$\frac{1}{21}$	$\frac{10}{31}$	$\frac{10}{21}$	$\Phi_{651}^2\ \Phi_{217}^2\ \Phi_{93}^2\ \Phi_{31}^4\ \Phi_{21}^3\ \Phi_7^3\ \Phi_3^3\ \Phi_1^6$
91045	1386	924	$\frac{1}{22}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{924}^2\ \Phi_{462}\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}^2\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}^4\ \Phi_{33}\ \Phi_{28}\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{12}\ \Phi_{11}^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
91046	1386	651	$\frac{1}{21}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{10}{21}$	$\Phi_{651}^2\ \Phi_{217}^2\ \Phi_{93}^2\ \Phi_{31}^4\ \Phi_{21}^3\ \Phi_7^3\ \Phi_3^3\ \Phi_1^6$
91047	1386	840	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{10}{21}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{56}\ \Phi_{40}^4\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
91048	1386	2040	$\frac{1}{34}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{2040}^2\ \Phi_{408}^2\ \Phi_{120}\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}\ \Phi_6$
91049	1386	520	$\frac{2}{65}$	$\frac{1}{20}$	$\frac{21}{65}$	$\frac{19}{40}$	$\Phi_{520}^5\ \Phi_{104}^5\ \Phi_{65}\ \Phi_{40}^6\ \Phi_{13}\ \Phi_8^6\ \Phi_5\ \Phi_1^2$
91050	1386	920	$\frac{1}{23}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{920}^3\ \Phi_{184}^3\ \Phi_{92}\ \Phi_{46}$
91051	1386	280	$\frac{1}{20}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{280}^{10}\ \Phi_{56}^{10}\ \Phi_{40}^6\ \Phi_{35}^2\ \Phi_8^6\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
91052	1386	120	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{7}{40}$	$\frac{19}{40}$	$\Phi_{120}^{10}\ \Phi_{60}^{15}\ \Phi_{40}^8\ \Phi_{30}^{15}\ \Phi_{24}^{10}\ \Phi_{20}^{12}\ \Phi_{15}^{14}\ \Phi_{12}^{15}\ \Phi_{10}^{12}\ \Phi_8^8\ \Phi_6^{15}\ \Phi_5^{11}\ \Phi_4^{12}\ \Phi_3^{14}\ \Phi_2^{12}\ \Phi_1^{12}$
91053	1386	520	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{19}{40}$	$\Phi_{520}^5\ \Phi_{104}^5\ \Phi_{40}^6\ \Phi_{13}^5\ \Phi_8^6\ \Phi_1^6$
91054	1386	840	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{19}{40}$	$\Phi_{840}^4\ \Phi_{280}^3\ \Phi_{168}^4\ \Phi_{84}\ \Phi_{56}^3\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
91055	1386	1938	$\frac{1}{38}$	$\frac{1}{17}$	$\frac{37}{114}$	$\frac{8}{17}$	$\Phi_{1938}\ \Phi_{969}\ \Phi_{114}^2\ \Phi_{102}\ \Phi_{57}^2\ \Phi_{51}\ \Phi_{17}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
91056	1386	1360	$\frac{3}{80}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{272}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_1^2$
91057	1386	1615	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{18}{95}$	$\frac{8}{17}$	$\Phi_{1615}\ \Phi_{95}^2\ \Phi_{85}\ \Phi_{17}\ \Phi_5^2\ \Phi_1^2$
91058	1386	646	$\frac{1}{17}$	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{8}{17}$	$\Phi_{646}^2\ \Phi_{323}^2\ \Phi_{38}^4\ \Phi_{34}^2\ \Phi_{19}^4\ \Phi_{17}^3\ \Phi_2^4\ \Phi_1^6$
91059	1386	408	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{8}{17}$	$\Phi_{408}^4\ \Phi_{204}^3\ \Phi_{136}^3\ \Phi_{102}^3\ \Phi_{68}^2\ \Phi_{51}^3\ \Phi_{34}^2\ \Phi_{24}^8\ \Phi_{17}^3\ \Phi_{12}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
91060	1386	277	$\frac{7}{277}$	$\frac{17}{277}$	$\frac{90}{277}$	$\frac{130}{277}$	$\Phi_{277}^5\ \Phi_1^6$
91061	1386	2736	$\frac{1}{19}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
91062	1386	1474	$\frac{1}{22}$	$\frac{5}{67}$	$\frac{12}{67}$	$\frac{31}{67}$	$\Phi_{1474}\ \Phi_{737}\ \Phi_{134}$
91063	1386	637	$\frac{1}{49}$	$\frac{1}{13}$	$\frac{16}{49}$	$\frac{6}{13}$	$\Phi_{637}^2\ \Phi_{91}^2\ \Phi_{49}^4\ \Phi_{13}^3\ \Phi_7^4\ \Phi_1^6$
91064	1386	884	$\frac{1}{34}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{884}^2\ \Phi_{442}\ \Phi_{221}\ \Phi_{68}^4\ \Phi_{52}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{13}\ \Phi_4^2\ \Phi_1^2$
91065	1386	455	$\frac{2}{35}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{455}^3\ \Phi_{91}^2\ \Phi_{65}^3\ \Phi_{35}^6\ \Phi_{13}^3\ \Phi_7^4\ \Phi_5^6\ \Phi_1^6$
91066	1386	1456	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{13}{112}$	$\frac{6}{13}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{208}\ \Phi_{112}^2\ \Phi_{104}\ \Phi_{56}^2\ \Phi_{52}\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
91067	1386	637	$\frac{1}{13}$	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{6}{13}$	$\Phi_{637}^2\ \Phi_{91}^2\ \Phi_{49}^4\ \Phi_{13}^3\ \Phi_7^4\ \Phi_1^6$
91068	1386	780	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{6}{13}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}^4\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
91069	1386	1385	$\frac{83}{1385}$	$\frac{109}{1385}$	$\frac{186}{1385}$	$\frac{638}{1385}$	$\Phi_{1385}\ \Phi_{277}\ \Phi_5\ \Phi_1^2$
91070	1386	1385	$\frac{107}{1385}$	$\frac{113}{1385}$	$\frac{142}{1385}$	$\frac{636}{1385}$	$\Phi_{1385}\ \Phi_{277}\ \Phi_5\ \Phi_1^2$
91071	1386	310	$\frac{12}{155}$	$\frac{13}{155}$	$\frac{1}{10}$	$\frac{71}{155}$	$\Phi_{310}^5\ \Phi_{155}^4\ \Phi_{62}^5\ \Phi_{31}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
91072	1386	1592	$\frac{12}{199}$	$\frac{17}{199}$	$\frac{1}{8}$	$\frac{91}{199}$	$\Phi_{1592}\ \Phi_{796}\ \Phi_{398}$
91073	1386	1385	$\frac{54}{1385}$	$\frac{121}{1385}$	$\frac{251}{1385}$	$\frac{632}{1385}$	$\Phi_{1385}\ \Phi_{277}\ \Phi_5\ \Phi_1^2$
91074	1386	1852	$\frac{12}{463}$	$\frac{41}{463}$	$\frac{1}{4}$	$\frac{211}{463}$	$\Phi_{1852}\ \Phi_{926}$
91075	1386	1385	$\frac{23}{1385}$	$\frac{133}{1385}$	$\frac{454}{1385}$	$\frac{626}{1385}$	$\Phi_{1385}\ \Phi_{277}\ \Phi_5\ \Phi_1^2$
91076	1386	1385	$\frac{69}{1385}$	$\frac{133}{1385}$	$\frac{188}{1385}$	$\frac{626}{1385}$	$\Phi_{1385}\ \Phi_{277}\ \Phi_5\ \Phi_1^2$
91077	1386	960	$\frac{1}{64}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{240}^2\ \Phi_{192}^3\ \Phi_{120}^2\ \Phi_{96}^3\ \Phi_{60}\ \Phi_{48}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
91078	1386	500	$\frac{2}{125}$	$\frac{1}{10}$	$\frac{41}{125}$	$\frac{9}{20}$	$\Phi_{500}^5\ \Phi_{125}\ \Phi_{100}^5\ \Phi_{25}\ \Phi_{20}^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
91079	1386	860	$\frac{1}{43}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{860}\ \Phi_{430}^2\ \Phi_{215}^2\ \Phi_{172}^2\ \Phi_{86}^3\ \Phi_{43}^2$
91080	1386	260	$\frac{2}{65}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{260}^{10}\ \Phi_{65}^2\ \Phi_{52}^{10}\ \Phi_{20}^6\ \Phi_{13}^2\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
91081	1386	100	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{4}{25}$	$\frac{9}{20}$	$\Phi_{100}^{25}\ \Phi_{25}^5\ \Phi_{20}^{26}\ \Phi_5^5\ \Phi_4^{26}\ \Phi_1^6$
91082	1386	1540	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{1540}^2\ \Phi_{308}^2\ \Phi_{154}\ \Phi_{140}\ \Phi_{77}\ \Phi_{28}\ \Phi_{14}$
91083	1386	500	$\frac{6}{125}$	$\frac{1}{10}$	$\frac{17}{125}$	$\frac{9}{20}$	$\Phi_{500}^5\ \Phi_{125}\ \Phi_{100}^5\ \Phi_{25}\ \Phi_{20}^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
91084	1386	760	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{760}^2\ \Phi_{380}\ \Phi_{190}^2\ \Phi_{152}^3\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{38}^3\ \Phi_{19}^2$
91085	1386	500	$\frac{8}{125}$	$\frac{1}{10}$	$\frac{13}{125}$	$\frac{9}{20}$	$\Phi_{500}^5\ \Phi_{125}\ \Phi_{100}^5\ \Phi_{25}\ \Phi_{20}^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
91086	1386	60	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{60}^{45}\ \Phi_{30}^5\ \Phi_{20}^{36}\ \Phi_{15}^4\ \Phi_{12}^{45}\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^3\ \Phi_4^{36}\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
91087	1386	1385	$\frac{109}{1385}$	$\frac{116}{1385}$	$\frac{141}{1385}$	$\frac{622}{1385}$	$\Phi_{1385}\ \Phi_{277}\ \Phi_5\ \Phi_1^2$
91088	1386	1524	$\frac{10}{127}$	$\frac{1}{12}$	$\frac{13}{127}$	$\frac{57}{127}$	$\Phi_{1524}\ \Phi_{762}\ \Phi_{508}\ \Phi_{381}\ \Phi_{254}$
91089	1386	1592	$\frac{10}{199}$	$\frac{21}{199}$	$\frac{1}{8}$	$\frac{89}{199}$	$\Phi_{1592}\ \Phi_{796}\ \Phi_{398}$
91090	1386	1462	$\frac{1}{34}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{1462}\ \Phi_{731}\ \Phi_{86}$
91091	1386	624	$\frac{1}{78}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{624}^4\ \Phi_{208}^4\ \Phi_{78}^2\ \Phi_{48}^3\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{16}^4\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
91092	1386	816	$\frac{1}{51}$	$\frac{1}{8}$	$\frac{25}{102}$	$\frac{7}{16}$	$\Phi_{816}^3\ \Phi_{272}^3\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{48}^3\ \Phi_{34}^2\ \Phi_{17}\ \Phi_{16}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
91093	1386	560	$\frac{3}{80}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^2\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^2$
91094	1386	816	$\frac{2}{51}$	$\frac{1}{8}$	$\frac{7}{51}$	$\frac{7}{16}$	$\Phi_{816}^3\ \Phi_{272}^3\ \Phi_{51}^3\ \Phi_{48}^3\ \Phi_{17}^3\ \Phi_{16}^4\ \Phi_3^3\ \Phi_1^4$
91095	1386	368	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{368}^7\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}$
91096	1386	1296	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1296}^2\ \Phi_{432}^2\ \Phi_{144}\ \Phi_{81}^2\ \Phi_{48}\ \Phi_{27}^2\ \Phi_{16}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
91097	1386	1360	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1360}^2\ \Phi_{272}\ \Phi_{85}^2\ \Phi_{80}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_5^2\ \Phi_1^2$
91098	1386	2448	$\frac{10}{153}$	$\frac{13}{153}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{153}\ \Phi_{144}\ \Phi_{51}\ \Phi_{48}\ \Phi_{17}\ \Phi_{16}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
91099	1386	240	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{240}^{11}\ \Phi_{80}^{11}\ \Phi_{60}^{3}\ \Phi_{48}^{7}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{8}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
91100	1386	1385	$\frac{71}{1385}$	$\frac{146}{1385}$	$\frac{177}{1385}$	$\frac{604}{1385}$	$\Phi_{1385}\ \Phi_{277}\ \Phi_{5}\ \Phi_{1}^{2}$
91101	1386	1385	$\frac{87}{1385}$	$\frac{118}{1385}$	$\frac{181}{1385}$	$\frac{602}{1385}$	$\Phi_{1385}\ \Phi_{277}\ \Phi_{5}\ \Phi_{1}^{2}$
91102	1386	1524	$\frac{8}{127}$	$\frac{1}{12}$	$\frac{17}{127}$	$\frac{55}{127}$	$\Phi_{1524}\ \Phi_{762}\ \Phi_{508}\ \Phi_{381}\ \Phi_{254}$
91103	1386	310	$\frac{8}{155}$	$\frac{1}{10}$	$\frac{21}{155}$	$\frac{67}{155}$	$\Phi_{310}^{5}\ \Phi_{155}^{4}\ \Phi_{62}^{5}\ \Phi_{31}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
91104	1386	406	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{1}{7}$	$\frac{25}{58}$	$\Phi_{406}^{7}\ \Phi_{203}\ \Phi_{14}^{7}$
91105	1386	1385	$\frac{34}{1385}$	$\frac{193}{1385}$	$\frac{263}{1385}$	$\frac{596}{1385}$	$\Phi_{1385}\ \Phi_{277}\ \Phi_{5}\ \Phi_{1}^{2}$
91106	1386	1852	$\frac{8}{463}$	$\frac{65}{463}$	$\frac{1}{4}$	$\frac{199}{463}$	$\Phi_{1852}\ \Phi_{926}$
91107	1386	300	$\frac{1}{100}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{300}^{5}\ \Phi_{150}^{5}\ \Phi_{100}^{4}\ \Phi_{75}^{5}\ \Phi_{60}^{5}\ \Phi_{50}^{4}\ \Phi_{30}^{5}\ \Phi_{25}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{5}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{4}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
91108	1386	2364	$\frac{2}{197}$	$\frac{1}{6}$	$\frac{65}{197}$	$\frac{5}{12}$	$\Phi_{2364}\ \Phi_{788}\ \Phi_{197}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
91109	1386	804	$\frac{1}{67}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{804}\ \Phi_{402}^{2}\ \Phi_{268}^{2}\ \Phi_{201}^{2}\ \Phi_{134}^{3}\ \Phi_{67}^{2}$
91110	1386	2364	$\frac{5}{197}$	$\frac{32}{197}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2364}\ \Phi_{788}\ \Phi_{197}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
91111	1386	1428	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1428}^{2}\ \Phi_{476}^{2}\ \Phi_{238}\ \Phi_{119}\ \Phi_{84}\ \Phi_{28}\ \Phi_{14}$
91112	1386	2364	$\frac{8}{197}$	$\frac{21}{197}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2364}\ \Phi_{788}\ \Phi_{197}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
91113	1386	1380	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1380}^{2}\ \Phi_{460}^{2}\ \Phi_{276}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}\ \Phi_{46}$
91114	1386	2364	$\frac{10}{197}$	$\frac{17}{197}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2364}\ \Phi_{788}\ \Phi_{197}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
91115	1386	228	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{228}^{6}\ \Phi_{114}^{7}\ \Phi_{76}^{6}\ \Phi_{57}^{7}\ \Phi_{38}^{7}\ \Phi_{19}^{6}$
91116	1386	2470	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{2470}\ \Phi_{494}\ \Phi_{247}\ \Phi_{190}\ \Phi_{38}$
91117	1386	115	$\frac{1}{115}$	$\frac{1}{5}$	$\frac{38}{115}$	$\frac{2}{5}$	$\Phi_{115}^{12}\ \Phi_{23}^{12}\ \Phi_{5}^{13}\ \Phi_{1}^{14}$
91118	1386	100	$\frac{1}{100}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{100}^{14}\ \Phi_{50}^{14}\ \Phi_{25}^{14}\ \Phi_{20}^{14}\ \Phi_{10}^{12}\ \Phi_{5}^{13}\ \Phi_{4}^{14}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
91119	1386	780	$\frac{1}{78}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{780}^{2}\ \Phi_{390}\ \Phi_{260}^{2}\ \Phi_{195}\ \Phi_{156}^{4}\ \Phi_{130}\ \Phi_{78}^{2}\ \Phi_{65}\ \Phi_{60}^{2}\ \Phi_{52}^{4}\ \Phi_{39}^{2}\ \Phi_{30}\ \Phi_{26}^{2}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}^{2}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
91120	1386	920	$\frac{3}{230}$	$\frac{1}{5}$	$\frac{227}{920}$	$\frac{2}{5}$	$\Phi_{920}^{2}\ \Phi_{460}^{2}\ \Phi_{184}^{2}\ \Phi_{92}^{2}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
91121	1386	235	$\frac{4}{235}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{235}^{6}\ \Phi_{47}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
91122	1386	460	$\frac{1}{46}$	$\frac{15}{92}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{460}^{3}\ \Phi_{230}^{2}\ \Phi_{115}^{2}\ \Phi_{92}^{6}\ \Phi_{46}^{4}\ \Phi_{23}^{4}\ \Phi_{20}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
91123	1386	115	$\frac{3}{115}$	$\frac{16}{115}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{115}^{12}\ \Phi_{23}^{12}\ \Phi_{5}^{13}\ \Phi_{1}^{14}$
91124	1386	680	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{680}^{2}\ \Phi_{340}^{2}\ \Phi_{170}\ \Phi_{136}^{4}\ \Phi_{85}\ \Phi_{68}^{4}\ \Phi_{40}\ \Phi_{34}^{2}\ \Phi_{20}\ \Phi_{17}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
91125	1386	80	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{80}^{18}\ \Phi_{40}^{18}\ \Phi_{20}^{18}\ \Phi_{16}^{18}\ \Phi_{10}^{12}\ \Phi_{8}^{18}\ \Phi_{5}^{13}\ \Phi_{4}^{18}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
91126	1386	115	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{115}^{10}\ \Phi_{23}^{20}\ \Phi_{5}^{11}\ \Phi_{1}^{22}$
91127	1386	660	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{2}\ \Phi_{165}^{2}\ \Phi_{132}^{4}\ \Phi_{110}\ \Phi_{66}^{4}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}^{4}\ \Phi_{33}^{4}\ \Phi_{30}\ \Phi_{22}^{2}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
91128	1386	2286	$\frac{1}{127}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{2286}\ \Phi_{762}\ \Phi_{381}\ \Phi_{254}$
91129	1386	1385	$\frac{11}{1385}$	$\frac{309}{1385}$	$\frac{458}{1385}$	$\frac{538}{1385}$	$\Phi_{1385}\ \Phi_{277}\ \Phi_{5}\ \Phi_{1}^{2}$
91130	1386	480	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{19}{80}$	$\frac{61}{160}$	$\Phi_{480}^{5}\ \Phi_{160}^{4}\ \Phi_{96}^{5}\ \Phi_{60}^{5}\ \Phi_{32}^{4}\ \Phi_{30}^{5}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
91131	1386	620	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{15}{62}$	$\frac{47}{124}$	$\Phi_{620}^{4}\ \Phi_{310}\ \Phi_{155}\ \Phi_{124}^{2}\ \Phi_{62}\ \Phi_{20}^{4}\ \Phi_{4}^{2}$
91132	1386	2032	$\frac{1}{127}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{2032}\ \Phi_{508}\ \Phi_{254}$
91133	1386	1560	$\frac{5}{104}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
91134	1386	1482	$\frac{1}{78}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{494}\ \Phi_{247}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
91135	1386	1385	$\frac{27}{1385}$	$\frac{194}{1385}$	$\frac{397}{1385}$	$\frac{494}{1385}$	$\Phi_{1385}\ \Phi_{277}\ \Phi_{5}\ \Phi_{1}^{2}$
91136	1386	1462	$\frac{1}{34}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{1462}\ \Phi_{731}\ \Phi_{86}$
91137	1386	1385	$\frac{43}{1385}$	$\frac{122}{1385}$	$\frac{421}{1385}$	$\frac{482}{1385}$	$\Phi_{1385}\ \Phi_{277}\ \Phi_{5}\ \Phi_{1}^{2}$
91138	1386	736	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{736}^{3}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}$
91139	1386	1474	$\frac{1}{22}$	$\frac{4}{67}$	$\frac{21}{67}$	$\frac{23}{67}$	$\Phi_{1474}\ \Phi_{737}\ \Phi_{134}$
91140	1386	1385	$\frac{62}{1385}$	$\frac{83}{1385}$	$\frac{441}{1385}$	$\frac{472}{1385}$	$\Phi_{1385}\ \Phi_{277}\ \Phi_{5}\ \Phi_{1}^{2}$
91141	1386	150	$\frac{1}{25}$	$\frac{1}{15}$	$\frac{8}{25}$	$\frac{17}{50}$	$\Phi_{150}^{15}\ \Phi_{75}^{5}\ \Phi_{50}^{12}\ \Phi_{30}^{15}\ \Phi_{25}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{12}\ \Phi_{6}^{15}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{12}\ \Phi_{1}^{4}$
91142	1386	1524	$\frac{4}{127}$	$\frac{1}{12}$	$\frac{41}{127}$	$\frac{43}{127}$	$\Phi_{1524}\ \Phi_{762}\ \Phi_{508}\ \Phi_{381}\ \Phi_{254}$
91143	1386	1385	$\frac{38}{1385}$	$\frac{131}{1385}$	$\frac{449}{1385}$	$\frac{468}{1385}$	$\Phi_{1385}\ \Phi_{277}\ \Phi_{5}\ \Phi_{1}^{2}$
91144	1386	1592	$\frac{4}{199}$	$\frac{1}{8}$	$\frac{65}{199}$	$\frac{67}{199}$	$\Phi_{1592}\ \Phi_{796}\ \Phi_{398}$
91145	1386	812	$\frac{1}{58}$	$\frac{1}{7}$	$\frac{19}{58}$	$\frac{39}{116}$	$\Phi_{812}^{3}\ \Phi_{406}\ \Phi_{203}\ \Phi_{28}^{3}\ \Phi_{14}$
91146	1386	277	$\frac{4}{277}$	$\frac{46}{277}$	$\frac{91}{277}$	$\frac{93}{277}$	$\Phi_{277}^{5}\ \Phi_{1}^{6}$
91147	1386	1385	$\frac{14}{1385}$	$\frac{307}{1385}$	$\frac{457}{1385}$	$\frac{464}{1385}$	$\Phi_{1385}\ \Phi_{277}\ \Phi_{5}\ \Phi_{1}^{2}$
91148	1386	1852	$\frac{4}{463}$	$\frac{1}{4}$	$\frac{153}{463}$	$\frac{155}{463}$	$\Phi_{1852}\ \Phi_{926}$
91149	1386	900	$\frac{1}{100}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}\ \Phi_{225}^{2}\ \Phi_{180}^{2}\ \Phi_{150}\ \Phi_{90}^{2}\ \Phi_{75}\ \Phi_{60}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{30}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
91150	1386	1380	$\frac{1}{115}$	$\frac{1}{4}$	$\frac{38}{115}$	$\frac{1}{3}$	$\Phi_{1380}^{2}\ \Phi_{690}^{2}\ \Phi_{276}^{2}\ \Phi_{138}^{2}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
91151	1386	2082	$\frac{7}{694}$	$\frac{155}{694}$	$\frac{229}{694}$	$\frac{1}{3}$	$\Phi_{2082}\ \Phi_{1041}\ \Phi_{6}$
91152	1386	1773	$\frac{2}{197}$	$\frac{2}{9}$	$\frac{65}{197}$	$\frac{1}{3}$	$\Phi_{1773}\ \Phi_{197}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
91153	1386	1176	$\frac{1}{49}$	$\frac{1}{8}$	$\frac{16}{49}$	$\frac{1}{3}$	$\Phi_{1176}^{2}\ \Phi_{588}^{2}\ \Phi_{294}^{2}\ \Phi_{168}^{2}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
91154	1386	570	$\frac{1}{38}$	$\frac{1}{10}$	$\frac{37}{114}$	$\frac{1}{3}$	$\Phi_{570}^{2}\ \Phi_{285}^{2}\ \Phi_{190}^{4}\ \Phi_{114}\ \Phi_{95}^{4}\ \Phi_{57}\ \Phi_{38}^{2}\ \Phi_{30}^{3}\ \Phi_{19}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
91155	1386	2082	$\frac{19}{694}$	$\frac{67}{694}$	$\frac{225}{694}$	$\frac{1}{3}$	$\Phi_{2082}\ \Phi_{1041}\ \Phi_{6}$
91156	1386	372	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{10}{31}$	$\frac{1}{3}$	$\Phi_{372}^{4}\ \Phi_{186}^{4}\ \Phi_{124}^{4}\ \Phi_{93}^{2}\ \Phi_{62}^{4}\ \Phi_{31}^{4}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
91157	1386	2082	$\frac{31}{694}$	$\frac{43}{694}$	$\frac{221}{694}$	$\frac{1}{3}$	$\Phi_{2082}\ \Phi_{1041}\ \Phi_{6}$
91158	1386	528	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{528}^{4}\ \Phi_{264}^{4}\ \Phi_{132}^{4}\ \Phi_{66}^{5}\ \Phi_{48}^{2}\ \Phi_{33}^{5}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
91159	1386	2082	$\frac{23}{694}$	$\frac{61}{694}$	$\frac{211}{694}$	$\frac{1}{3}$	$\Phi_{2082}\ \Phi_{1041}\ \Phi_{6}$
91160	1386	510	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{510}^{4}\ \Phi_{255}^{4}\ \Phi_{102}^{5}\ \Phi_{51}^{5}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
91161	1386	2082	$\frac{15}{694}$	$\frac{97}{694}$	$\frac{199}{694}$	$\frac{1}{3}$	$\Phi_{2082}\ \Phi_{1041}\ \Phi_{6}$
91162	1386	960	$\frac{1}{64}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}^{2}\ \Phi_{240}\ \Phi_{192}^{2}\ \Phi_{160}^{2}\ \Phi_{120}\ \Phi_{96}^{2}\ \Phi_{80}^{2}\ \Phi_{64}^{2}\ \Phi_{60}\ \Phi_{48}^{2}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
91163	1386	156	$\frac{1}{78}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^{8}\ \Phi_{78}^{10}\ \Phi_{52}^{8}\ \Phi_{39}^{10}\ \Phi_{26}^{10}\ \Phi_{13}^{10}\ \Phi_{12}^{6}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
91164	1386	2412	$\frac{1}{67}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2412}\ \Phi_{1206}\ \Phi_{268}\ \Phi_{134}$
91165	1386	2820	$\frac{4}{235}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{564}\ \Phi_{282}\ \Phi_{12}\ \Phi_{6}$
91166	1386	276	$\frac{1}{46}$	$\frac{15}{92}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{276}^{7}\ \Phi_{138}^{8}\ \Phi_{69}^{8}\ \Phi_{12}^{8}\ \Phi_{6}^{9}\ \Phi_{3}^{8}$
91167	1386	1380	$\frac{3}{115}$	$\frac{16}{115}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1380}^{2}\ \Phi_{690}^{2}\ \Phi_{276}^{2}\ \Phi_{138}^{2}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
91168	1386	408	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{408}^{6}\ \Phi_{204}^{4}\ \Phi_{102}^{5}\ \Phi_{51}^{5}\ \Phi_{24}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
91169	1386	240	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^{9}\ \Phi_{120}^{9}\ \Phi_{60}^{7}\ \Phi_{48}^{9}\ \Phi_{30}^{8}\ \Phi_{24}^{9}\ \Phi_{15}^{8}\ \Phi_{12}^{8}\ \Phi_{6}^{9}\ \Phi_{3}^{8}$
91170	1386	276	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{276}^{10}\ \Phi_{138}^{10}\ \Phi_{12}^{11}\ \Phi_{6}^{11}$
91171	1386	132	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^{10}\ \Phi_{66}^{11}\ \Phi_{44}^{12}\ \Phi_{33}^{11}\ \Phi_{22}^{12}\ \Phi_{12}^{5}\ \Phi_{11}^{12}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
91172	1386	1773	$\frac{5}{197}$	$\frac{32}{197}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1773}\ \Phi_{197}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
91173	1386	2142	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{238}\ \Phi_{126}\ \Phi_{119}\ \Phi_{14}$
91174	1386	1773	$\frac{8}{197}$	$\frac{21}{197}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1773}\ \Phi_{197}\ \Phi_{9}^2\ \Phi_{1}^2$
91175	1386	2070	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{414}\ \Phi_{230}\ \Phi_{115}\ \Phi_{46}$
91176	1386	1773	$\frac{10}{197}$	$\frac{17}{197}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1773}\ \Phi_{197}\ \Phi_{9}^2\ \Phi_{1}^2$
91177	1386	684	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{684}^3\ \Phi_{342}^3\ \Phi_{228}\ \Phi_{171}^2\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
91178	1386	2550	$\frac{1}{34}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2550}\ \Phi_{1275}\ \Phi_{150}\ \Phi_{102}\ \Phi_{51}\ \Phi_{6}$
91179	1386	570	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{18}{95}$	$\frac{1}{3}$	$\Phi_{570}^4\ \Phi_{285}^3\ \Phi_{114}^4\ \Phi_{57}^4\ \Phi_{30}^5\ \Phi_{15}^4\ \Phi_{6}^5\ \Phi_{3}^4$
91180	1386	1320	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
91181	1386	1710	$\frac{1}{19}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{342}\ \Phi_{190}\ \Phi_{171}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
91182	1386	840	$\frac{2}{35}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{168}^2\ \Phi_{120}^3\ \Phi_{84}^2\ \Phi_{60}^3\ \Phi_{42}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{6}^3$
91183	1386	570	$\frac{3}{38}$	$\frac{1}{10}$	$\frac{5}{38}$	$\frac{1}{3}$	$\Phi_{570}^4\ \Phi_{285}^4\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{30}^5\ \Phi_{15}^5\ \Phi_{6}^3\ \Phi_{3}^2$
91184	1386	2082	$\frac{57}{694}$	$\frac{67}{694}$	$\frac{91}{694}$	$\frac{1}{3}$	$\Phi_{2082}\ \Phi_{1041}\ \Phi_{6}$
91185	1386	372	$\frac{1}{12}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{3}$	$\Phi_{372}^4\ \Phi_{186}^4\ \Phi_{124}^4\ \Phi_{93}^2\ \Phi_{62}^4\ \Phi_{31}^4\ \Phi_{12}^6\ \Phi_{6}^6\ \Phi_{4}^6\ \Phi_{3}^3\ \Phi_{2}^6\ \Phi_{1}^6$
91186	1386	2082	$\frac{55}{694}$	$\frac{71}{694}$	$\frac{89}{694}$	$\frac{1}{3}$	$\Phi_{2082}\ \Phi_{1041}\ \Phi_{6}$
91187	1386	336	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{336}^7\ \Phi_{168}^5\ \Phi_{84}^5\ \Phi_{48}^7\ \Phi_{42}^6\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{12}^6\ \Phi_{6}^7\ \Phi_{3}^6$
91188	1386	1176	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{294}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{6}^3$
91189	1386	120	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{120}^{14}\ \Phi_{60}^{10}\ \Phi_{40}^{16}\ \Phi_{30}^{11}\ \Phi_{24}^7\ \Phi_{20}^{12}\ \Phi_{15}^{11}\ \Phi_{12}^5\ \Phi_{10}^{12}\ \Phi_{8}^8\ \Phi_{6}^6\ \Phi_{5}^{12}\ \Phi_{4}^6\ \Phi_{3}^5\ \Phi_{2}^6\ \Phi_{1}^6$
91190	1386	375	$\frac{2}{125}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{41}{125}$	$\Phi_{375}^5\ \Phi_{125}\ \Phi_{75}^5\ \Phi_{25}\ \Phi_{15}^6\ \Phi_{5}\ \Phi_{3}^6\ \Phi_{1}^2$
91191	1386	1938	$\frac{1}{38}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{37}{114}$	$\Phi_{1938}\ \Phi_{969}\ \Phi_{114}^2\ \Phi_{102}\ \Phi_{57}^2\ \Phi_{51}\ \Phi_{17}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
91192	1386	1596	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{37}{114}$	$\Phi_{1596}^2\ \Phi_{798}\ \Phi_{399}\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
91193	1386	130	$\frac{2}{65}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{21}{65}$	$\Phi_{130}^{10}\ \Phi_{65}^{11}\ \Phi_{26}^{10}\ \Phi_{13}^{11}\ \Phi_{10}^{12}\ \Phi_{5}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
91194	1386	520	$\frac{2}{65}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{21}{65}$	$\Phi_{520}^3\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{104}^3\ \Phi_{65}^3\ \Phi_{52}^2\ \Phi_{40}^3\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{13}^3\ \Phi_{10}^2\ \Phi_{8}^6\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
91195	1386	325	$\frac{2}{65}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{65}$	$\Phi_{325}^5\ \Phi_{65}\ \Phi_{25}^6\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}^2$
91196	1386	1385	$\frac{44}{1385}$	$\frac{134}{1385}$	$\frac{417}{1385}$	$\frac{447}{1385}$	$\Phi_{1385}\ \Phi_{277}\ \Phi_{5}\ \Phi_{1}^2$
91197	1386	434	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{10}{31}$	$\Phi_{434}^4\ \Phi_{217}^2\ \Phi_{62}^4\ \Phi_{31}^4\ \Phi_{14}^6\ \Phi_{7}^3\ \Phi_{2}^6\ \Phi_{1}^6$
91198	1386	1592	$\frac{7}{199}$	$\frac{1}{8}$	$\frac{45}{199}$	$\frac{64}{199}$	$\Phi_{1592}\ \Phi_{796}\ \Phi_{398}$
91199	1386	277	$\frac{10}{277}$	$\frac{46}{277}$	$\frac{47}{277}$	$\frac{89}{277}$	$\Phi_{277}^5\ \Phi_{1}^6$
91200	1386	1385	$\frac{56}{1385}$	$\frac{153}{1385}$	$\frac{314}{1385}$	$\frac{443}{1385}$	$\Phi_{1385}\ \Phi_{277}\ \Phi_{5}\ \Phi_{1}^2$
91201	1386	1852	$\frac{19}{463}$	$\frac{45}{463}$	$\frac{1}{4}$	$\frac{148}{463}$	$\Phi_{1852}\ \Phi_{926}$
91202	1386	656	$\frac{2}{41}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{13}{41}$	$\Phi_{656}^2\ \Phi_{328}^2\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{41}^3\ \Phi_{16}^4\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
91203	1386	492	$\frac{2}{41}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{13}{41}$	$\Phi_{492}^3\ \Phi_{246}^3\ \Phi_{164}^2\ \Phi_{123}^3\ \Phi_{82}^2\ \Phi_{41}^3\ \Phi_{12}^6\ \Phi_{6}^6\ \Phi_{4}^4\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
91204	1386	1640	$\frac{2}{41}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{13}{41}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{410}\ \Phi_{205}\ \Phi_{41}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{1}^2$
91205	1386	1385	$\frac{68}{1385}$	$\frac{86}{1385}$	$\frac{433}{1385}$	$\frac{439}{1385}$	$\Phi_{1385}\ \Phi_{277}\ \Phi_{5}\ \Phi_{1}^2$
91206	1386	450	$\frac{4}{75}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{71}{225}$	$\Phi_{450}^5\ \Phi_{225}^4\ \Phi_{90}^5\ \Phi_{45}^4\ \Phi_{18}^5\ \Phi_{10}^4\ \Phi_{9}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
91207	1386	1524	$\frac{7}{127}$	$\frac{1}{12}$	$\frac{29}{127}$	$\frac{40}{127}$	$\Phi_{1524}\ \Phi_{762}\ \Phi_{508}\ \Phi_{381}\ \Phi_{254}$
91208	1386	240	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^6\ \Phi_{60}^7\ \Phi_{48}^6\ \Phi_{40}^6\ \Phi_{30}^7\ \Phi_{24}^6\ \Phi_{20}^7\ \Phi_{15}^6\ \Phi_{12}^7\ \Phi_{10}^7\ \Phi_{6}^7\ \Phi_{5}^6\ \Phi_{3}^6$
91209	1386	656	$\frac{1}{16}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{5}{16}$	$\Phi_{656}^2\ \Phi_{328}^2\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{41}^3\ \Phi_{16}^4\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
91210	1386	112	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{5}{16}$	$\Phi_{112}^{14}\ \Phi_{56}^{15}\ \Phi_{28}^{15}\ \Phi_{14}^{15}\ \Phi_{7}^{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
91211	1386	1385	$\frac{92}{1385}$	$\frac{97}{1385}$	$\frac{318}{1385}$	$\frac{431}{1385}$	$\Phi_{1385}\ \Phi_{277}\ \Phi_{5}\ \Phi_{1}^{2}$
91212	1386	1852	$\frac{29}{463}$	$\frac{31}{463}$	$\frac{1}{4}$	$\frac{144}{463}$	$\Phi_{1852}\ \Phi_{926}$
91213	1386	300	$\frac{1}{15}$	$\frac{7}{100}$	$\frac{23}{100}$	$\frac{31}{100}$	$\Phi_{300}^{5}\ \Phi_{150}^{5}\ \Phi_{100}^{4}\ \Phi_{75}^{5}\ \Phi_{60}^{5}\ \Phi_{50}^{4}\ \Phi_{30}^{5}\ \Phi_{25}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
91214	1386	1385	$\frac{107}{1385}$	$\frac{137}{1385}$	$\frac{208}{1385}$	$\frac{426}{1385}$	$\Phi_{1385}\ \Phi_{277}\ \Phi_{5}\ \Phi_{1}^{2}$
91215	1386	277	$\frac{22}{277}$	$\frac{32}{277}$	$\frac{35}{277}$	$\frac{85}{277}$	$\Phi_{277}^{5}\ \Phi_{1}^{6}$
91216	1386	1592	$\frac{16}{199}$	$\frac{23}{199}$	$\frac{1}{8}$	$\frac{61}{199}$	$\Phi_{1592}\ \Phi_{796}\ \Phi_{398}$
91217	1386	1624	$\frac{19}{232}$	$\frac{23}{232}$	$\frac{1}{7}$	$\frac{71}{232}$	$\Phi_{1624}\ \Phi_{812}\ \Phi_{406}\ \Phi_{203}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
91218	1386	1385	$\frac{76}{1385}$	$\frac{119}{1385}$	$\frac{321}{1385}$	$\frac{422}{1385}$	$\Phi_{1385}\ \Phi_{277}\ \Phi_{5}\ \Phi_{1}^{2}$
91219	1386	1852	$\frac{23}{463}$	$\frac{40}{463}$	$\frac{1}{4}$	$\frac{141}{463}$	$\Phi_{1852}\ \Phi_{926}$
91220	1386	460	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{460}^{4}\ \Phi_{230}^{2}\ \Phi_{115}^{2}\ \Phi_{92}^{5}\ \Phi_{46}^{3}\ \Phi_{23}^{2}$
91221	1386	70	$\frac{2}{35}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{70}^{20}\ \Phi_{35}^{22}\ \Phi_{14}^{20}\ \Phi_{10}^{12}\ \Phi_{7}^{22}\ \Phi_{5}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
91222	1386	120	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{120}^{15}\ \Phi_{60}^{15}\ \Phi_{40}^{12}\ \Phi_{30}^{5}\ \Phi_{24}^{15}\ \Phi_{20}^{12}\ \Phi_{15}^{4}\ \Phi_{12}^{15}\ \Phi_{10}^{4}\ \Phi_{8}^{12}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{4}^{12}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
91223	1386	130	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{2}{13}$	$\frac{3}{10}$	$\Phi_{130}^{10}\ \Phi_{65}^{10}\ \Phi_{26}^{10}\ \Phi_{13}^{15}\ \Phi_{10}^{12}\ \Phi_{5}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{18}$
91224	1386	420	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{10}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{5}\ \Phi_{70}^{2}\ \Phi_{42}^{5}\ \Phi_{35}^{2}\ \Phi_{28}^{5}\ \Phi_{21}^{5}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
91225	1386	1472	$\frac{1}{23}$	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}$
91226	1386	1360	$\frac{3}{80}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{272}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
91227	1386	1615	$\frac{1}{19}$	$\frac{2}{17}$	$\frac{18}{95}$	$\frac{5}{17}$	$\Phi_{1615}\ \Phi_{95}^{2}\ \Phi_{85}\ \Phi_{17}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
91228	1386	646	$\frac{3}{38}$	$\frac{2}{17}$	$\frac{5}{38}$	$\frac{5}{17}$	$\Phi_{646}^{2}\ \Phi_{323}^{2}\ \Phi_{38}^{4}\ \Phi_{34}^{2}\ \Phi_{19}^{4}\ \Phi_{17}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
91229	1386	408	$\frac{1}{12}$	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{5}{17}$	$\Phi_{408}^{4}\ \Phi_{204}^{3}\ \Phi_{136}^{3}\ \Phi_{102}^{3}\ \Phi_{68}^{2}\ \Phi_{51}^{3}\ \Phi_{34}^{2}\ \Phi_{24}^{8}\ \Phi_{17}^{3}\ \Phi_{12}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
91230	1386	1385	$\frac{89}{1385}$	$\frac{167}{1385}$	$\frac{216}{1385}$	$\frac{406}{1385}$	$\Phi_{1385}\ \Phi_{277}\ \Phi_{5}\ \Phi_{1}^{2}$
91231	1386	1524	$\frac{1}{12}$	$\frac{15}{127}$	$\frac{16}{127}$	$\frac{37}{127}$	$\Phi_{1524}\ \Phi_{762}\ \Phi_{508}\ \Phi_{381}\ \Phi_{254}$
91232	1386	1385	$\frac{111}{1385}$	$\frac{164}{1385}$	$\frac{182}{1385}$	$\frac{401}{1385}$	$\Phi_{1385}\ \Phi_{277}\ \Phi_{5}\ \Phi_{1}^{2}$
91233	1386	1624	$\frac{15}{232}$	$\frac{31}{232}$	$\frac{1}{7}$	$\frac{67}{232}$	$\Phi_{1624}\ \Phi_{812}\ \Phi_{406}\ \Phi_{203}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
91234	1386	1385	$\frac{48}{1385}$	$\frac{191}{1385}$	$\frac{329}{1385}$	$\frac{398}{1385}$	$\Phi_{1385}\ \Phi_{277}\ \Phi_{5}\ \Phi_{1}^{2}$
91235	1386	1852	$\frac{15}{463}$	$\frac{64}{463}$	$\frac{1}{4}$	$\frac{133}{463}$	$\Phi_{1852}\ \Phi_{926}$
91236	1386	2052	$\frac{1}{19}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{513}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
91237	1386	277	$\frac{18}{277}$	$\frac{37}{277}$	$\frac{40}{277}$	$\frac{79}{277}$	$\Phi_{277}^{5}\ \Phi_{1}^{6}$
91238	1386	1524	$\frac{1}{12}$	$\frac{13}{127}$	$\frac{19}{127}$	$\frac{36}{127}$	$\Phi_{1524}\ \Phi_{762}\ \Phi_{508}\ \Phi_{381}\ \Phi_{254}$
91239	1386	1385	$\frac{113}{1385}$	$\frac{142}{1385}$	$\frac{212}{1385}$	$\frac{391}{1385}$	$\Phi_{1385}\ \Phi_{277}\ \Phi_{5}\ \Phi_{1}^{2}$
91240	1386	1592	$\frac{13}{199}$	$\frac{1}{8}$	$\frac{31}{199}$	$\frac{56}{199}$	$\Phi_{1592}\ \Phi_{796}\ \Phi_{398}$
91241	1386	1710	$\frac{1}{19}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{57}\ \Phi_{38}$
91242	1386	2580	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{86}$
91243	1386	195	$\frac{2}{65}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{195}^{10}\ \Phi_{65}^{2}\ \Phi_{39}^{10}\ \Phi_{15}^{6}\ \Phi_{13}^{2}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
91244	1386	75	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{75}^{25}\ \Phi_{25}^{5}\ \Phi_{15}^{26}\ \Phi_{5}^{5}\ \Phi_{3}^{26}\ \Phi_{1}^{6}$
91245	1386	2310	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{231}\ \Phi_{210}\ \Phi_{154}\ \Phi_{77}\ \Phi_{42}\ \Phi_{14}$
91246	1386	375	$\frac{6}{125}$	$\frac{17}{125}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{375}^{5}\ \Phi_{125}\ \Phi_{75}^{5}\ \Phi_{25}\ \Phi_{15}^{6}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
91247	1386	2280	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{38}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
91248	1386	375	$\frac{8}{125}$	$\frac{13}{125}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{375}^{5}\ \Phi_{125}\ \Phi_{75}^{5}\ \Phi_{25}\ \Phi_{15}^{6}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
91249	1386	30	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{30}^{50}\ \Phi_{15}^{40}\ \Phi_{10}^{54}\ \Phi_{6}^{50}\ \Phi_{5}^{43}\ \Phi_{3}^{40}\ \Phi_{2}^{54}\ \Phi_{1}^{44}$
91250	1386	204	$\frac{1}{51}$	$\frac{25}{102}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{204}^{6}\ \Phi_{102}^{8}\ \Phi_{68}^{6}\ \Phi_{51}^{7}\ \Phi_{34}^{8}\ \Phi_{17}^{7}\ \Phi_{12}^{6}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
91251	1386	560	$\frac{3}{80}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{112}^{3}\ \Phi_{70}^{3}\ \Phi_{56}^{3}\ \Phi_{35}^{3}\ \Phi_{28}\ \Phi_{14}$
91252	1386	204	$\frac{2}{51}$	$\frac{7}{51}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{204}^{6}\ \Phi_{102}^{6}\ \Phi_{68}^{6}\ \Phi_{51}^{9}\ \Phi_{34}^{6}\ \Phi_{17}^{9}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
91253	1386	184	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{184}^{9}\ \Phi_{92}^{7}\ \Phi_{46}^{7}\ \Phi_{23}^{6}$
91254	1386	324	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{324}^{4}\ \Phi_{162}^{4}\ \Phi_{108}^{4}\ \Phi_{81}^{6}\ \Phi_{54}^{4}\ \Phi_{36}^{2}\ \Phi_{27}^{6}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
91255	1386	340	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{340}^{4}\ \Phi_{170}^{4}\ \Phi_{85}^{6}\ \Phi_{68}^{2}\ \Phi_{34}^{2}\ \Phi_{20}^{4}\ \Phi_{17}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
91256	1386	612	$\frac{10}{153}$	$\frac{13}{153}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{204}^{2}\ \Phi_{153}^{3}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{51}^{3}\ \Phi_{36}^{2}\ \Phi_{34}^{2}\ \Phi_{18}^{2}\ \Phi_{17}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
91257	1386	60	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{60}^{25}\ \Phi_{30}^{25}\ \Phi_{20}^{25}\ \Phi_{15}^{24}\ \Phi_{12}^{16}\ \Phi_{10}^{25}\ \Phi_{6}^{16}\ \Phi_{5}^{24}\ \Phi_{4}^{18}\ \Phi_{3}^{15}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
91258	1386	2128	$\frac{3}{76}$	$\frac{1}{7}$	$\frac{73}{304}$	$\frac{1}{4}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
91259	1386	1920	$\frac{1}{15}$	$\frac{3}{32}$	$\frac{29}{128}$	$\frac{1}{4}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
91260	1386	308	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{308}^{6}\ \Phi_{154}^{3}\ \Phi_{77}^{3}\ \Phi_{44}^{8}\ \Phi_{28}^{3}\ \Phi_{22}^{4}\ \Phi_{14}^{2}\ \Phi_{11}^{4}\ \Phi_{7}\ \Phi_{4}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
91261	1386	1840	$\frac{1}{23}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}$
91262	1386	2300	$\frac{1}{23}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2300}\ \Phi_{1150}\ \Phi_{92}\ \Phi_{46}$
91263	1386	280	$\frac{2}{35}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{280}^{6}\ \Phi_{140}^{4}\ \Phi_{70}^{4}\ \Phi_{56}^{6}\ \Phi_{40}^{3}\ \Phi_{35}^{6}\ \Phi_{28}^{4}\ \Phi_{20}^{2}\ \Phi_{14}^{4}\ \Phi_{10}^{2}\ \Phi_{8}^{6}\ \Phi_{7}^{6}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
91264	1386	2660	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{18}{95}$	$\frac{1}{4}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}\ \Phi_{14}$
91265	1386	1680	$\frac{1}{15}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
91266	1386	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{120}^{12}\ \Phi_{60}^{13}\ \Phi_{40}^{9}\ \Phi_{30}^{13}\ \Phi_{24}^{12}\ \Phi_{20}^{10}\ \Phi_{15}^{12}\ \Phi_{12}^{13}\ \Phi_{10}^{10}\ \Phi_{8}^{12}\ \Phi_{6}^{13}\ \Phi_{5}^{9}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
91267	1386	104	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{2}{13}$	$\frac{1}{4}$	$\Phi_{104}^{15}\ \Phi_{52}^{10}\ \Phi_{26}^{10}\ \Phi_{13}^{15}\ \Phi_{8}^{18}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{18}$
91268	1386	1852	$\frac{37}{463}$	$\frac{56}{463}$	$\frac{71}{463}$	$\frac{1}{4}$	$\Phi_{1852}\ \Phi_{926}$
91269	1386	492	$\frac{1}{12}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{4}$	$\Phi_{492}^{3}\ \Phi_{246}^{3}\ \Phi_{164}^{2}\ \Phi_{123}^{3}\ \Phi_{82}^{2}\ \Phi_{41}^{3}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
91270	1386	1852	$\frac{36}{463}$	$\frac{61}{463}$	$\frac{67}{463}$	$\frac{1}{4}$	$\Phi_{1852}\ \Phi_{926}$
91271	1386	532	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{532}^{4}\ \Phi_{266}^{2}\ \Phi_{133}^{2}\ \Phi_{28}^{5}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
91272	1386	168	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{168}^{12}\ \Phi_{84}^{9}\ \Phi_{56}^{9}\ \Phi_{42}^{9}\ \Phi_{28}^{7}\ \Phi_{21}^{9}\ \Phi_{14}^{7}\ \Phi_{7}^{6}$
91273	1386	100	$\frac{2}{25}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{23}{100}$	$\Phi_{100}^{18}\ \Phi_{50}^{8}\ \Phi_{25}^{10}\ \Phi_{20}^{18}\ \Phi_{10}^{12}\ \Phi_{5}^{13}\ \Phi_{4}^{18}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
91274	1386	1792	$\frac{25}{256}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{32}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
91275	1386	434	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{434}^{4}\ \Phi_{217}^{2}\ \Phi_{62}^{4}\ \Phi_{31}^{4}\ \Phi_{14}^{6}\ \Phi_{7}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
91276	1386	280	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{280}^{6}\ \Phi_{140}^{6}\ \Phi_{70}^{3}\ \Phi_{56}^{3}\ \Phi_{40}^{8}\ \Phi_{35}^{3}\ \Phi_{28}^{3}\ \Phi_{20}^{8}\ \Phi_{14}^{2}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{7}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
91277	1386	1824	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{304}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
91278	1386	175	$\frac{2}{35}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{175}^{10}\ \Phi_{35}^{2}\ \Phi_{25}^{6}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
91279	1386	325	$\frac{4}{65}$	$\frac{4}{25}$	$\frac{61}{325}$	$\frac{1}{5}$	$\Phi_{325}^{4}\ \Phi_{65}^{5}\ \Phi_{25}^{5}\ \Phi_{13}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
91280	1386	325	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{325}^{5}\ \Phi_{25}^{6}\ \Phi_{13}^{5}\ \Phi_{1}^{6}$
91281	1386	2100	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
91282	1386	50	$\frac{1}{10}$	$\frac{3}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{50}^{30}\ \Phi_{25}^{24}\ \Phi_{10}^{34}\ \Phi_{5}^{27}\ \Phi_{2}^{34}\ \Phi_{1}^{28}$
91283	1386	90	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{5}$	$\Phi_{90}^{18}\ \Phi_{45}^{18}\ \Phi_{30}^{8}\ \Phi_{18}^{18}\ \Phi_{15}^{10}\ \Phi_{10}^{12}\ \Phi_{9}^{18}\ \Phi_{6}^{8}\ \Phi_{5}^{13}\ \Phi_{3}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
91284	1386	1640	$\frac{5}{41}$	$\frac{1}{8}$	$\frac{6}{41}$	$\frac{7}{40}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{410}\ \Phi_{205}\ \Phi_{41}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
91285	1386	280	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{40}$	$\Phi_{280}^7\ \Phi_{140}^7\ \Phi_{70}^7\ \Phi_{56}\ \Phi_{35}^7\ \Phi_{28}\ \Phi_{14}$
91286	1387	2376	$\frac{1}{198}$	$\frac{199}{1188}$	$\frac{989}{2376}$	$\frac{197}{396}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{216}\ \Phi_{132}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
91287	1387	2760	$\frac{7}{1380}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1373}{2760}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{184}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
91288	1387	2464	$\frac{1}{154}$	$\frac{155}{1232}$	$\frac{1077}{2464}$	$\frac{153}{308}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{308}\ \Phi_{224}\ \Phi_{44}\ \Phi_{32}\ \Phi_{28}\ \Phi_4\ \Phi_1$
91289	1387	1848	$\frac{1}{154}$	$\frac{461}{1848}$	$\frac{155}{616}$	$\frac{153}{308}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
91290	1387	2520	$\frac{1}{126}$	$\frac{127}{1260}$	$\frac{1133}{2520}$	$\frac{125}{252}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{40}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
91291	1387	2744	$\frac{15}{1372}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{1357}{2744}$	$\Phi_{2744}\ \Phi_{392}\ \Phi_{56}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
91292	1387	144	$\frac{1}{72}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{71}{144}$	$\Phi_{144}^{19}\ \Phi_{48}^{19}\ \Phi_{36}\ \Phi_{16}^{19}\ \Phi_{12}\ \Phi_4\ \Phi_1$
91293	1387	1008	$\frac{1}{72}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{71}{144}$	$\Phi_{1008}^3\ \Phi_{336}^3\ \Phi_{144}\ \Phi_{112}^3\ \Phi_{48}\ \Phi_{21}\ \Phi_{16}\ \Phi_7\ \Phi_1$
91294	1387	432	$\frac{1}{72}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{71}{144}$	$\Phi_{432}^9\ \Phi_{144}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
91295	1387	144	$\frac{1}{72}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{71}{144}$	$\Phi_{144}^{19}\ \Phi_{48}^{19}\ \Phi_{24}\ \Phi_{16}^{19}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
91296	1387	2640	$\frac{1}{66}$	$\frac{67}{1320}$	$\frac{1253}{2640}$	$\frac{65}{132}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{132}\ \Phi_{80}\ \Phi_{48}\ \Phi_{44}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
91297	1387	1980	$\frac{1}{66}$	$\frac{67}{660}$	$\frac{593}{1980}$	$\frac{65}{132}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{198}\ \Phi_{180}\ \Phi_{132}\ \Phi_{99}\ \Phi_{90}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
91298	1387	1584	$\frac{1}{66}$	$\frac{197}{1584}$	$\frac{67}{264}$	$\frac{65}{132}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{72}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
91299	1387	2728	$\frac{23}{1364}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{1341}{2728}$	$\Phi_{2728}\ \Phi_{248}\ \Phi_{88}\ \Phi_{44}\ \Phi_8\ \Phi_4\ \Phi_1$
91300	1387	2688	$\frac{1}{42}$	$\frac{43}{1344}$	$\frac{1301}{2688}$	$\frac{41}{84}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{128}\ \Phi_{84}\ \Phi_{28}\ \Phi_{12}\ \Phi_4\ \Phi_1$
91301	1387	2016	$\frac{1}{42}$	$\frac{43}{672}$	$\frac{629}{2016}$	$\frac{41}{84}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
91302	1387	1512	$\frac{1}{42}$	$\frac{125}{1512}$	$\frac{43}{168}$	$\frac{41}{84}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{54}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
91303	1387	1680	$\frac{1}{42}$	$\frac{43}{336}$	$\frac{293}{1680}$	$\frac{41}{84}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
91304	1387	2700	$\frac{37}{1350}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1313}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{180}\ \Phi_{108}\ \Phi_{100}\ \Phi_{60}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
91305	1387	2700	$\frac{37}{1350}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1313}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{180}\ \Phi_{108}\ \Phi_{100}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
91306	1387	1674	$\frac{8}{279}$	$\frac{1}{9}$	$\frac{287}{1674}$	$\frac{271}{558}$	$\Phi_{1674}\ \Phi_{837}\ \Phi_{279}\ \Phi_{93}\ \Phi_{54}\ \Phi_{31}\ \Phi_{27}\ \Phi_1$
91307	1387	2688	$\frac{43}{1344}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1301}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{128}\ \Phi_{56}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
91308	1387	2688	$\frac{43}{1344}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1301}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{128}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
91309	1387	1872	$\frac{17}{468}$	$\frac{1}{18}$	$\frac{485}{1872}$	$\frac{451}{936}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
91310	1387	140	$\frac{3}{70}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{67}{140}$	$\Phi_{140}^{19}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^{19}\ \Phi_{20}^{19}\ \Phi_{10}\ \Phi_5\ \Phi_4^{19}\ \Phi_1$
91311	1387	420	$\frac{3}{70}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{67}{140}$	$\Phi_{420}^7\ \Phi_{140}^5\ \Phi_{84}^7\ \Phi_{60}^7\ \Phi_{28}^5\ \Phi_{21}^3\ \Phi_{20}^5\ \Phi_{12}^7\ \Phi_7^2\ \Phi_4^5\ \Phi_3^3\ \Phi_1^3$
91312	1387	1680	$\frac{13}{280}$	$\frac{1}{14}$	$\frac{293}{1680}$	$\frac{267}{560}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
91313	1387	99	$\frac{4}{99}$	$\frac{5}{99}$	$\frac{26}{99}$	$\frac{47}{99}$	$\Phi_{99}^{14}\ \Phi_{33}^{14}\ \Phi_{11}^{14}\ \Phi_9^{14}\ \Phi_3^{14}\ \Phi_1^{15}$
91314	1387	2640	$\frac{1}{22}$	$\frac{67}{1320}$	$\frac{21}{88}$	$\frac{1253}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{88}\ \Phi_{80}\ \Phi_{48}\ \Phi_{44}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
91315	1387	900	$\frac{2}{75}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{900}^3\ \Phi_{300}^3\ \Phi_{180}^3\ \Phi_{100}^3\ \Phi_{75}\ \Phi_{60}^3\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
91316	1387	108	$\frac{1}{36}$	$\frac{1}{18}$	$\frac{35}{108}$	$\frac{17}{36}$	$\Phi_{108}^{19}\ \Phi_{54}^{19}\ \Phi_{36}\ \Phi_{27}^{19}\ \Phi_{12}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
91317	1387	1440	$\frac{53}{1440}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
91318	1387	684	$\frac{3}{76}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{76}^3\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{36}\ \Phi_{19}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
91319	1387	288	$\frac{1}{24}$	$\frac{1}{18}$	$\frac{23}{96}$	$\frac{17}{36}$	$\Phi_{288}^6\ \Phi_{144}^6\ \Phi_{96}^7\ \Phi_{48}^7\ \Phi_{36}\ \Phi_{32}^7\ \Phi_{16}^7\ \Phi_{12}\ \Phi_4\ \Phi_1$
91320	1387	180	$\frac{1}{18}$	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{17}{36}$	$\Phi_{180}^{18}\ \Phi_{90}\ \Phi_{60}^{18}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}^{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
91321	1387	468	$\frac{1}{18}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{468}^6\ \Phi_{156}^6\ \Phi_{78}\ \Phi_{52}^6\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
91322	1387	252	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{17}{36}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^7\ \Phi_{63}^6\ \Phi_{42}^7\ \Phi_{36}\ \Phi_{28}^7\ \Phi_{21}^7\ \Phi_{14}^7\ \Phi_{12}\ \Phi_7^7\ \Phi_4\ \Phi_1$
91323	1387	720	$\frac{1}{18}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{17}{36}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^3\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^3\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
91324	1387	324	$\frac{1}{18}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{17}{36}$	$\Phi_{324}^9\ \Phi_{108}^9\ \Phi_{81}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
91325	1387	2592	$\frac{1}{18}$	$\frac{91}{1296}$	$\frac{17}{108}$	$\frac{1205}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
91326	1387	1568	$\frac{1}{14}$	$\frac{15}{196}$	$\frac{181}{1568}$	$\frac{13}{28}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
91327	1387	2520	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{127}{1260}$	$\frac{1133}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{72}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
91328	1387	1440	$\frac{53}{1440}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
91329	1387	132	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{3}{22}$	$\frac{59}{132}$	$\Phi_{132}^{19}\ \Phi_{44}^{19}\ \Phi_{22}^6\ \Phi_{12}^{19}\ \Phi_{11}^6\ \Phi_4^{19}\ \Phi_2^6\ \Phi_1^7$
91330	1387	81	$\frac{5}{81}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{81}^{17}\ \Phi_{27}^{17}\ \Phi_9^{18}\ \Phi_3^{18}\ \Phi_1^{19}$
91331	1387	2464	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{155}{1232}$	$\frac{1077}{2464}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{224}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
91332	1387	2436	$\frac{5}{174}$	$\frac{169}{1218}$	$\frac{1}{6}$	$\frac{1049}{2436}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{84}\ \Phi_{58}\ \Phi_{29}\ \Phi_{28}\ \Phi_{12}\ \Phi_4\ \Phi_1$
91333	1387	231	$\frac{4}{77}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{231}^7\ \Phi_{77}^5\ \Phi_{33}^7\ \Phi_{21}^3\ \Phi_{11}^5\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
91334	1387	1512	$\frac{1}{18}$	$\frac{125}{1512}$	$\frac{17}{108}$	$\frac{91}{216}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
91335	1387	1656	$\frac{7}{276}$	$\frac{269}{1656}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{207}\ \Phi_{184}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
91336	1387	1440	$\frac{53}{1440}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
91337	1387	2376	$\frac{1}{99}$	$\frac{199}{1188}$	$\frac{98}{297}$	$\frac{989}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{297}\ \Phi_{264}\ \Phi_{216}\ \Phi_{88}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
91338	1387	1440	$\frac{53}{1440}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
91339	1387	2340	$\frac{1}{18}$	$\frac{17}{234}$	$\frac{217}{1170}$	$\frac{953}{2340}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{234}\ \Phi_{180}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
91340	1387	1184	$\frac{1}{74}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1184}^2\ \Phi_{148}^2\ \Phi_{74}\ \Phi_{37}\ \Phi_{32}\ \Phi_4\ \Phi_1$
91341	1387	1980	$\frac{1}{99}$	$\frac{98}{495}$	$\frac{593}{1980}$	$\frac{397}{990}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
91342	1387	2268	$\frac{1}{126}$	$\frac{253}{1134}$	$\frac{125}{378}$	$\frac{881}{2268}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{378}\ \Phi_{324}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{54}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
91343	1387	1456	$\frac{69}{1456}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{208}\ \Phi_{182}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_4\ \Phi_1$
91344	1387	2240	$\frac{13}{280}$	$\frac{1}{14}$	$\frac{267}{1120}$	$\frac{853}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{64}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
91345	1387	2232	$\frac{8}{279}$	$\frac{1}{9}$	$\frac{271}{1116}$	$\frac{845}{2232}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{279}\ \Phi_{248}\ \Phi_{93}\ \Phi_{72}\ \Phi_{31}\ \Phi_{24}\ \Phi_8\ \Phi_1$
91346	1387	2016	$\frac{1}{126}$	$\frac{125}{504}$	$\frac{629}{2016}$	$\frac{379}{1008}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
91347	1387	888	$\frac{1}{74}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{888}^2\ \Phi_{444}^2\ \Phi_{222}^2\ \Phi_{148}^2\ \Phi_{111}^2\ \Phi_{74}\ \Phi_{37}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
91348	1387	1110	$\frac{1}{74}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1110}\ \Phi_{555}\ \Phi_{370}^2\ \Phi_{222}\ \Phi_{185}^2\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$
91349	1387	2112	$\frac{1}{22}$	$\frac{21}{352}$	$\frac{331}{1056}$	$\frac{725}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{176}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
91350	1387	2100	$\frac{13}{350}$	$\frac{1}{14}$	$\frac{337}{1050}$	$\frac{713}{2100}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{50}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
91351	1387	2088	$\frac{5}{348}$	$\frac{1}{6}$	$\frac{343}{1044}$	$\frac{701}{2088}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{72}\ \Phi_{58}\ \Phi_{29}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
91352	1387	1782	$\frac{1}{99}$	$\frac{395}{1782}$	$\frac{98}{297}$	$\frac{199}{594}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{297}\ \Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_1$
91353	1387	525	$\frac{2}{75}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{525}^3\ \Phi_{175}^3\ \Phi_{105}^3\ \Phi_{75}\ \Phi_{35}^3\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_1$
91354	1387	756	$\frac{1}{36}$	$\frac{2}{21}$	$\frac{35}{108}$	$\frac{1}{3}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{189}^3\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{21}\ \Phi_7\ \Phi_1$
91355	1387	675	$\frac{2}{75}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{675}^3\ \Phi_{135}^3\ \Phi_{75}\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_1$
91356	1387	1596	$\frac{3}{76}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{133}\ \Phi_{76}\ \Phi_{38}\ \Phi_{21}\ \Phi_{19}\ \Phi_7\ \Phi_1$
91357	1387	672	$\frac{1}{24}$	$\frac{2}{21}$	$\frac{23}{96}$	$\frac{1}{3}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{21}\ \Phi_{16}\ \Phi_7\ \Phi_1$
91358	1387	225	$\frac{2}{75}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{225}^6\ \Phi_{75}^7\ \Phi_{45}^5\ \Phi_{25}^7\ \Phi_{15}^6\ \Phi_9^6\ \Phi_5^6\ \Phi_3^6\ \Phi_1^7$
91359	1387	600	$\frac{2}{75}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{120}^3\ \Phi_{100}^3\ \Phi_{75}\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
91360	1387	630	$\frac{1}{18}$	$\frac{2}{21}$	$\frac{17}{90}$	$\frac{1}{3}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{105}^3\ \Phi_{90}\ \Phi_{70}^3\ \Phi_{45}\ \Phi_{35}^3\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
91361	1387	546	$\frac{5}{78}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{546}^3\ \Phi_{273}^3\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}\ \Phi_{21}\ \Phi_{13}\ \Phi_7\ \Phi_1$
91362	1387	84	$\frac{1}{12}$	$\frac{2}{21}$	$\frac{11}{84}$	$\frac{1}{3}$	$\Phi_{84}^{16}\ \Phi_{42}^{16}\ \Phi_{28}^{16}\ \Phi_{21}^{17}\ \Phi_{14}^{16}\ \Phi_{12}^{18}\ \Phi_7^{17}\ \Phi_6^{18}\ \Phi_4^{18}\ \Phi_3^{18}\ \Phi_2^{18}\ \Phi_1^{19}$
91363	1387	1680	$\frac{7}{80}$	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
91364	1387	567	$\frac{2}{21}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{567}^3\ \Phi_{189}^3\ \Phi_{81}\ \Phi_{27}\ \Phi_{21}\ \Phi_7\ \Phi_1$
91365	1387	108	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{35}{108}$	$\Phi_{108}^{10}\ \Phi_{54}^{10}\ \Phi_{36}^{18}\ \Phi_{27}^{11}\ \Phi_{18}^{18}\ \Phi_{12}^{18}\ \Phi_9^{18}\ \Phi_6^{18}\ \Phi_4^{18}\ \Phi_3^{18}\ \Phi_2^{18}\ \Phi_1^{19}$
91366	1387	216	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{35}{108}$	$\Phi_{216}^{12}\ \Phi_{108}^7\ \Phi_{54}^7\ \Phi_{27}^7\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
91367	1387	88	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{15}{88}$	$\frac{7}{22}$	$\Phi_{88}^{19}\ \Phi_{44}^{19}\ \Phi_{22}^6\ \Phi_{11}^6\ \Phi_8^{19}\ \Phi_4^{19}\ \Phi_2^6\ \Phi_1^7$
91368	1387	2025	$\frac{37}{675}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{638}{2025}$	$\Phi_{2025}\ \Phi_{405}\ \Phi_{81}\ \Phi_{45}\ \Phi_{15}\ \Phi_5\ \Phi_1$
91369	1387	1620	$\frac{1}{18}$	$\frac{37}{270}$	$\frac{233}{1620}$	$\frac{17}{54}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
91370	1387	2016	$\frac{43}{672}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{629}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
91371	1387	2016	$\frac{43}{672}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{629}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
91372	1387	105	$\frac{3}{35}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{32}{105}$	$\Phi_{105}^{12}\ \Phi_{35}^{14}\ \Phi_{21}^{15}\ \Phi_{15}^{12}\ \Phi_7^{16}\ \Phi_5^{14}\ \Phi_3^{15}\ \Phi_1^{17}$
91373	1387	1680	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{293}{1680}$	$\frac{127}{420}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
91374	1387	2052	$\frac{3}{76}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{513}\ \Phi_{76}\ \Phi_{38}\ \Phi_{27}\ \Phi_{19}\ \Phi_1$
91375	1387	864	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{23}{96}$	$\frac{8}{27}$	$\Phi_{864}^3\ \Phi_{432}^3\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
91376	1387	270	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{17}{90}$	$\frac{8}{27}$	$\Phi_{270}^9\ \Phi_{135}^9\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
91377	1387	702	$\frac{5}{78}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{702}^3\ \Phi_{351}^3\ \Phi_{78}\ \Phi_{39}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
91378	1387	756	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{84}$	$\frac{8}{27}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{189}^3\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
91379	1387	2160	$\frac{7}{80}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{27}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{135}\ \Phi_{80}\ \Phi_{40}\ \Phi_{27}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
91380	1387	81	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{81}^{19}\ \Phi_{27}^{11}\ \Phi_{9}^{18}\ \Phi_{3}^{18}\ \Phi_{1}^{19}$
91381	1387	1944	$\frac{1}{18}$	$\frac{91}{648}$	$\frac{17}{108}$	$\frac{557}{1944}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
91382	1387	1620	$\frac{1}{18}$	$\frac{233}{1620}$	$\frac{17}{108}$	$\frac{91}{324}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
91383	1387	1485	$\frac{98}{1485}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{135}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}$
91384	1387	1440	$\frac{53}{1440}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
91385	1387	1512	$\frac{1}{14}$	$\frac{125}{1512}$	$\frac{13}{56}$	$\frac{43}{168}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
91386	1387	1584	$\frac{1}{22}$	$\frac{197}{1584}$	$\frac{21}{88}$	$\frac{67}{264}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
91387	1387	456	$\frac{3}{76}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{456}^{4}\ \Phi_{228}^{2}\ \Phi_{152}^{4}\ \Phi_{114}^{2}\ \Phi_{76}^{3}\ \Phi_{57}^{2}\ \Phi_{38}^{3}\ \Phi_{24}\ \Phi_{19}^{3}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
91388	1387	96	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{23}{96}$	$\Phi_{96}^{19}\ \Phi_{48}^{19}\ \Phi_{32}^{19}\ \Phi_{24}\ \Phi_{16}^{19}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
91389	1387	1760	$\frac{1}{22}$	$\frac{67}{440}$	$\frac{373}{1760}$	$\frac{21}{88}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}\ \Phi_{88}\ \Phi_{80}\ \Phi_{44}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
91390	1387	1792	$\frac{1}{14}$	$\frac{43}{448}$	$\frac{405}{1792}$	$\frac{13}{56}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{256}\ \Phi_{128}\ \Phi_{56}\ \Phi_{28}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
91391	1387	1568	$\frac{1}{14}$	$\frac{181}{1568}$	$\frac{43}{224}$	$\frac{13}{56}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{28}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
91392	1387	1680	$\frac{1}{14}$	$\frac{43}{336}$	$\frac{293}{1680}$	$\frac{13}{56}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
91393	1387	1800	$\frac{37}{450}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{413}{1800}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
91394	1387	1536	$\frac{149}{1536}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{192}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
91395	1387	84	$\frac{2}{21}$	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{84}^{19}\ \Phi_{42}^{12}\ \Phi_{28}^{19}\ \Phi_{21}^{15}\ \Phi_{14}^{14}\ \Phi_{12}^{19}\ \Phi_{7}^{16}\ \Phi_{6}^{12}\ \Phi_{4}^{19}\ \Phi_{3}^{15}\ \Phi_{2}^{14}\ \Phi_{1}^{17}$
91396	1387	1728	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{341}{1728}$	$\frac{91}{432}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
91397	1387	360	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{17}{90}$	$\frac{5}{24}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{6}\ \Phi_{90}\ \Phi_{60}^{6}\ \Phi_{45}\ \Phi_{40}^{6}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^{6}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
91398	1387	312	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{312}^{6}\ \Phi_{156}^{6}\ \Phi_{104}^{6}\ \Phi_{78}\ \Phi_{52}^{6}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
91399	1387	168	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{168}^{12}\ \Phi_{84}^{7}\ \Phi_{56}^{12}\ \Phi_{42}^{7}\ \Phi_{28}^{7}\ \Phi_{24}\ \Phi_{21}^{7}\ \Phi_{14}^{7}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}^{7}\ \Phi_{4}\ \Phi_{1}$
91400	1387	240	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{240}^{6}\ \Phi_{120}^{6}\ \Phi_{80}^{7}\ \Phi_{60}^{6}\ \Phi_{48}^{6}\ \Phi_{40}^{7}\ \Phi_{30}^{6}\ \Phi_{24}\ \Phi_{20}^{7}\ \Phi_{16}^{7}\ \Phi_{15}^{6}\ \Phi_{12}\ \Phi_{10}^{7}\ \Phi_{8}\ \Phi_{5}^{7}\ \Phi_{4}\ \Phi_{1}$
91401	1387	648	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{648}^{3}\ \Phi_{324}^{3}\ \Phi_{216}^{3}\ \Phi_{108}^{3}\ \Phi_{81}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
91402	1387	1575	$\frac{1}{9}$	$\frac{188}{1575}$	$\frac{37}{225}$	$\frac{8}{45}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{175}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
91403	1387	1620	$\frac{1}{9}$	$\frac{37}{270}$	$\frac{233}{1620}$	$\frac{8}{45}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
91404	1387	1680	$\frac{5}{48}$	$\frac{43}{336}$	$\frac{1}{6}$	$\frac{293}{1680}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
91405	1388	2076	$\frac{1}{346}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{345}{692}$	$\Phi_{2076}\ \Phi_{692}^{2}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
91406	1388	690	$\frac{2}{345}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{343}{690}$	$\Phi_{690}^{4}\ \Phi_{230}^{4}\ \Phi_{138}^{4}\ \Phi_{46}^{4}\ \Phi_{30}^{4}\ \Phi_{15}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{2}^{4}$
91407	1388	417	$\frac{1}{139}$	$\frac{70}{417}$	$\frac{1}{3}$	$\frac{69}{139}$	$\Phi_{417}^{3}\ \Phi_{139}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
91408	1388	2320	$\frac{1}{116}$	$\frac{1}{5}$	$\frac{117}{464}$	$\frac{115}{232}$	$\Phi_{2320}\ \Phi_{580}\ \Phi_{290}\ \Phi_{145}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
91409	1388	3440	$\frac{3}{344}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{341}{688}$	$\Phi_{3440}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
91410	1388	657	$\frac{1}{73}$	$\frac{37}{657}$	$\frac{310}{657}$	$\frac{36}{73}$	$\Phi_{657}^{2}\ \Phi_{219}^{2}\ \Phi_{73}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
91411	1388	438	$\frac{1}{73}$	$\frac{37}{219}$	$\frac{91}{438}$	$\frac{36}{73}$	$\Phi_{438}^4\ \Phi_{219}^2\ \Phi_{146}^4\ \Phi_{73}^3\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
91412	1388	684	$\frac{5}{342}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{337}{684}$	$\Phi_{684}^4\ \Phi_{228}^4\ \Phi_{76}^4\ \Phi_{36}^4\ \Phi_{19}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_1^2$
91413	1388	684	$\frac{5}{342}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{337}{684}$	$\Phi_{684}^4\ \Phi_{228}^4\ \Phi_{76}^4\ \Phi_{36}^4\ \Phi_{19}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_1^2$
91414	1388	3420	$\frac{5}{342}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{337}{684}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{380}\ \Phi_{180}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
91415	1388	3360	$\frac{11}{336}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{325}{672}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{480}\ \Phi_{160}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
91416	1388	513	$\frac{5}{171}$	$\frac{1}{19}$	$\frac{166}{513}$	$\frac{9}{19}$	$\Phi_{513}^4\ \Phi_{27}^4\ \Phi_{19}\ \Phi_1^2$
91417	1388	361	$\frac{14}{361}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{361}^4\ \Phi_{19}\ \Phi_1^2$
91418	1388	456	$\frac{5}{114}$	$\frac{1}{19}$	$\frac{109}{456}$	$\frac{9}{19}$	$\Phi_{456}^4\ \Phi_{228}^4\ \Phi_{152}^4\ \Phi_{76}^4\ \Phi_{24}^4\ \Phi_{19}\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_1^2$
91419	1388	855	$\frac{1}{19}$	$\frac{10}{171}$	$\frac{161}{855}$	$\frac{9}{19}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{95}^2\ \Phi_{45}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
91420	1388	741	$\frac{1}{19}$	$\frac{47}{741}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{741}^2\ \Phi_{247}^2\ \Phi_{39}^2\ \Phi_{19}\ \Phi_{13}^2\ \Phi_1^2$
91421	1388	380	$\frac{1}{19}$	$\frac{33}{380}$	$\frac{5}{38}$	$\frac{9}{19}$	$\Phi_{380}^4\ \Phi_{190}^4\ \Phi_{95}^4\ \Phi_{76}^4\ \Phi_{20}^4\ \Phi_{19}\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^4\ \Phi_1^2$
91422	1388	399	$\frac{1}{19}$	$\frac{5}{57}$	$\frac{52}{399}$	$\frac{9}{19}$	$\Phi_{399}^4\ \Phi_{133}^4\ \Phi_{21}^4\ \Phi_{19}\ \Phi_7^4\ \Phi_1^2$
91423	1388	360	$\frac{13}{360}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^3\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{40}^3\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4$ $\Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
91424	1388	3190	$\frac{1}{29}$	$\frac{28}{319}$	$\frac{1}{5}$	$\frac{291}{638}$	$\Phi_{3190}\ \Phi_{290}\ \Phi_{145}\ \Phi_{110}\ \Phi_{10}$
91425	1388	584	$\frac{1}{73}$	$\frac{55}{292}$	$\frac{18}{73}$	$\frac{237}{584}$	$\Phi_{584}^4\ \Phi_{73}^3\ \Phi_8^4\ \Phi_1^4$
91426	1388	580	$\frac{1}{58}$	$\frac{57}{290}$	$\frac{1}{5}$	$\frac{233}{580}$	$\Phi_{580}^4\ \Phi_{290}\ \Phi_{145}\ \Phi_{116}^4\ \Phi_{20}^4\ \Phi_{10}\ \Phi_4^4$
91427	1388	1050	$\frac{3}{350}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{210}^2\ \Phi_{150}^2\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_6^2$
91428	1388	438	$\frac{1}{73}$	$\frac{91}{438}$	$\frac{18}{73}$	$\frac{55}{146}$	$\Phi_{438}^4\ \Phi_{219}^4\ \Phi_{73}^3\ \Phi_6^4\ \Phi_3^4\ \Phi_1^4$
91429	1388	1668	$\frac{1}{139}$	$\frac{69}{278}$	$\frac{1}{3}$	$\frac{209}{556}$	$\Phi_{1668}^2\ \Phi_{417}\ \Phi_{12}^2$
91430	1388	1760	$\frac{5}{352}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{20}\ \Phi_{10}$
91431	1388	1095	$\frac{1}{73}$	$\frac{72}{365}$	$\frac{293}{1095}$	$\frac{401}{1095}$	$\Phi_{1095}\ \Phi_{365}^2\ \Phi_{219}\ \Phi_{73}\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
91432	1388	2610	$\frac{1}{87}$	$\frac{1}{5}$	$\frac{86}{261}$	$\frac{175}{522}$	$\Phi_{2610}\ \Phi_{870}\ \Phi_{435}\ \Phi_{290}\ \Phi_{145}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
91433	1388	519	$\frac{1}{173}$	$\frac{172}{519}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{519}^3\ \Phi_{173}^2\ \Phi_3^4\ \Phi_1^4$
91434	1388	1035	$\frac{4}{345}$	$\frac{1}{5}$	$\frac{341}{1035}$	$\frac{1}{3}$	$\Phi_{1035}^2\ \Phi_{207}^2\ \Phi_{45}^2\ \Phi_{15}\ \Phi_9^2$
91435	1388	705	$\frac{11}{705}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{705}^2\ \Phi_{235}^2\ \Phi_{141}^2\ \Phi_{47}^2\ \Phi_{15}$
91436	1388	1380	$\frac{2}{115}$	$\frac{1}{5}$	$\frac{113}{460}$	$\frac{1}{3}$	$\Phi_{1380}^2\ \Phi_{690}^2\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
91437	1388	2070	$\frac{2}{69}$	$\frac{67}{414}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{230}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
91438	1388	2415	$\frac{4}{115}$	$\frac{111}{805}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{105}\ \Phi_{21}\ \Phi_{15}$
91439	1388	360	$\frac{13}{360}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4$ $\Phi_{18}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
91440	1388	2580	$\frac{3}{172}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{169}{516}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{645}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
91441	1388	513	$\frac{5}{171}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{166}{513}$	$\Phi_{513}^4\ \Phi_{27}^4\ \Phi_{19}\ \Phi_1^2$
91442	1388	2520	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{157}{504}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{360}\ \Phi_{315}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}$ $\Phi_{15}\ \Phi_{10}$
91443	1388	360	$\frac{13}{360}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^3\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{45}^3\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4$ $\Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
91444	1388	361	$\frac{14}{361}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{361}^4\ \Phi_{19}\ \Phi_1^2$
91445	1388	428	$\frac{3}{107}$	$\frac{81}{428}$	$\frac{26}{107}$	$\frac{1}{4}$	$\Phi_{428}^3\ \Phi_{214}^3\ \Phi_{107}^4\ \Phi_4^2\ \Phi_2^2\ \Phi_1^4$
91446	1388	456	$\frac{5}{114}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{109}{456}$	$\Phi_{456}^4\ \Phi_{228}^4\ \Phi_{152}^4\ \Phi_{76}^4\ \Phi_{24}^4\ \Phi_{19}\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_1^2$
91447	1388	2280	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{109}{456}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{380}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
91448	1388	1920	$\frac{1}{12}$	$\frac{37}{384}$	$\frac{1}{5}$	$\frac{11}{48}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{160}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
91449	1388	380	$\frac{33}{380}$	$\frac{5}{38}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{380}^4\ \Phi_{190}^4\ \Phi_{95}^4\ \Phi_{76}^4\ \Phi_{20}^4\ \Phi_{19}\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^4\ \Phi_1^2$
91450	1388	399	$\frac{5}{57}$	$\frac{52}{399}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{399}^4\ \Phi_{133}^4\ \Phi_{21}^4\ \Phi_{19}\ \Phi_7^4\ \Phi_1^2$
91451	1388	420	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{420}$	$\frac{1}{5}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{70}^3\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^3\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
91452	1389	2768	$\frac{5}{1384}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1379}{2768}$	$\Phi_{2768}\ \Phi_{16}\ \Phi_8\ \Phi_1$
91453	1389	1856	$\frac{3}{464}$	$\frac{1}{4}$	$\frac{467}{1856}$	$\frac{461}{928}$	$\Phi_{1856}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{64}\ \Phi_{58}\ \Phi_{29}\ \Phi_{16}\ \Phi_8\ \Phi_1$
91454	1389	920	$\frac{3}{460}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{457}{920}$	$\Phi_{920}^3\ \Phi_{184}^3\ \Phi_{40}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
91455	1389	2752	$\frac{13}{1376}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1363}{2752}$	$\Phi_{2752}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
91456	1389	912	$\frac{7}{456}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{449}{912}$	$\Phi_{912}^3\ \Phi_{304}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
91457	1389	896	$\frac{15}{448}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{433}{896}$	$\Phi_{896}^3\ \Phi_{128}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
91458	1389	480	$\frac{17}{480}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
91459	1389	1740	$\frac{1}{29}$	$\frac{28}{435}$	$\frac{1}{4}$	$\frac{407}{870}$	$\Phi_{1740}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{145}\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{60}\ \Phi_{58}\ \Phi_{29}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
91460	1389	2552	$\frac{3}{116}$	$\frac{113}{1276}$	$\frac{1}{4}$	$\frac{1163}{2552}$	$\Phi_{2552}\ \Phi_{232}\ \Phi_{116}\ \Phi_{88}\ \Phi_{58}\ \Phi_{29}\ \Phi_8\ \Phi_1$
91461	1389	812	$\frac{1}{58}$	$\frac{57}{406}$	$\frac{1}{4}$	$\frac{349}{812}$	$\Phi_{812}\ \Phi_{406}^2\ \Phi_{203}^2\ \Phi_{116}^3\ \Phi_{58}^3\ \Phi_{29}^3\ \Phi_{28}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
91462	1389	1408	$\frac{19}{1408}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{128}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
91463	1389	2320	$\frac{3}{232}$	$\frac{229}{1160}$	$\frac{1}{4}$	$\frac{931}{2320}$	$\Phi_{2320}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{80}\ \Phi_{58}\ \Phi_{29}\ \Phi_{16}\ \Phi_8\ \Phi_1$
91464	1389	696	$\frac{1}{116}$	$\frac{1}{4}$	$\frac{115}{348}$	$\frac{233}{696}$	$\Phi_{696}^3\ \Phi_{232}^3\ \Phi_{116}^3\ \Phi_{58}^3\ \Phi_{29}^3\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
91465	1389	688	$\frac{13}{688}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{225}{688}$	$\Phi_{688}^2\ \Phi_{344}^2\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
91466	1389	1044	$\frac{1}{29}$	$\frac{59}{522}$	$\frac{1}{4}$	$\frac{28}{87}$	$\Phi_{1044}^2\ \Phi_{522}\ \Phi_{348}\ \Phi_{261}\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{58}\ \Phi_{36}^2\ \Phi_{29}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
91467	1389	672	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{1}{4}$	$\frac{209}{672}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{168}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
91468	1389	480	$\frac{17}{480}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
91469	1389	552	$\frac{3}{92}$	$\frac{89}{552}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{552}^3\ \Phi_{276}^3\ \Phi_{184}^3\ \Phi_{138}^3\ \Phi_{69}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
91470	1389	480	$\frac{17}{480}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
91471	1389	608	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{145}{608}$	$\frac{1}{4}$	$\Phi_{608}^3\ \Phi_{304}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
91472	1389	512	$\frac{1}{16}$	$\frac{49}{512}$	$\frac{15}{64}$	$\frac{1}{4}$	$\Phi_{512}^3\ \Phi_{256}^3\ \Phi_{128}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
91473	1389	580	$\frac{1}{29}$	$\frac{28}{145}$	$\frac{117}{580}$	$\frac{1}{4}$	$\Phi_{580}^2\ \Phi_{290}^2\ \Phi_{145}^3\ \Phi_{116}^3\ \Phi_{58}^3\ \Phi_{29}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
91474	1389	560	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{97}{560}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
91475	1390	1386	$\frac{2}{693}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{691}{1386}$	$\Phi_{1386}^2\ \Phi_{462}^2\ \Phi_{198}^2\ \Phi_{154}^2\ \Phi_{126}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
91476	1390	2216	$\frac{1}{277}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{138}{277}$	$\Phi_{2216}\ \Phi_{277}\ \Phi_8^2\ \Phi_1^2$
91477	1390	2784	$\frac{1}{232}$	$\frac{233}{928}$	$\frac{1}{3}$	$\frac{231}{464}$	$\Phi_{2784}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{96}\ \Phi_{87}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
91478	1390	4152	$\frac{3}{692}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{689}{1384}$	$\Phi_{4152}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
91479	1390	828	$\frac{1}{138}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{137}{276}$	$\Phi_{828}^3\ \Phi_{276}^4\ \Phi_{92}^4\ \Phi_{36}^3\ \Phi_{12}^4\ \Phi_9\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
91480	1390	276	$\frac{1}{138}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{137}{276}$	$\Phi_{276}^{10}\ \Phi_{92}^{10}\ \Phi_{12}^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
91481	1390	4128	$\frac{7}{688}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{681}{1376}$	$\Phi_{4128}\ \Phi_{96}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
91482	1390	186	$\frac{1}{93}$	$\frac{1}{6}$	$\frac{47}{186}$	$\frac{46}{93}$	$\Phi_{186}^7\ \Phi_{93}^8\ \Phi_{62}^7\ \Phi_{31}^8\ \Phi_6^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
91483	1390	1368	$\frac{11}{684}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{673}{1368}$	$\Phi_{1368}^2\ \Phi_{456}^2\ \Phi_{152}^2\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
91484	1390	2992	$\frac{3}{136}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{133}{272}$	$\Phi_{2992}\ \Phi_{176}\ \Phi_{44}\ \Phi_{22}$
91485	1390	2970	$\frac{4}{135}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{131}{270}$	$\Phi_{2970}\ \Phi_{990}\ \Phi_{594}\ \Phi_{330}\ \Phi_{198}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{22}$
91486	1390	270	$\frac{4}{135}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{131}{270}$	$\Phi_{270}^4\ \Phi_{135}^6\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^6\ \Phi_{30}^4\ \Phi_{27}^6\ \Phi_{18}^7\ \Phi_{15}^6\ \Phi_{10}^4\ \Phi_9^8\ \Phi_6^6\ \Phi_5^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
91487	1390	930	$\frac{1}{31}$	$\frac{16}{155}$	$\frac{1}{6}$	$\frac{15}{31}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{310}^2\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
91488	1390	1344	$\frac{23}{672}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{649}{1344}$	$\Phi_{1344}^2\ \Phi_{448}^2\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
91489	1390	1848	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{29}{168}$	$\frac{27}{56}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
91490	1390	144	$\frac{5}{144}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{144}^{10}\ \Phi_{72}^{10}\ \Phi_{48}^8\ \Phi_{36}^{10}\ \Phi_{24}^{10}\ \Phi_{18}^{10}\ \Phi_{16}^8\ \Phi_{12}^{10}\ \Phi_9^{10}\ \Phi_8^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
91491	1390	4002	$\frac{1}{29}$	$\frac{28}{667}$	$\frac{1}{3}$	$\frac{639}{1334}$	$\Phi_{4002}\ \Phi_{174}\ \Phi_{138}\ \Phi_{87}\ \Phi_6$
91492	1390	2926	$\frac{6}{133}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{127}{266}$	$\Phi_{2926}\ \Phi_{418}\ \Phi_{154}\ \Phi_{77}\ \Phi_{22}$
91493	1390	1760	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{21}{160}$	$\frac{19}{40}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
91494	1390	261	$\frac{2}{87}$	$\frac{17}{261}$	$\frac{1}{3}$	$\frac{122}{261}$	$\Phi_{261}^5\ \Phi_{87}^6\ \Phi_{29}^6\ \Phi_9^5\ \Phi_3^5\ \Phi_1^6$
91495	1390	2860	$\frac{9}{130}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{121}{260}$	$\Phi_{2860}\ \Phi_{572}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
91496	1390	3828	$\frac{1}{58}$	$\frac{57}{638}$	$\frac{1}{3}$	$\frac{581}{1276}$	$\Phi_{3828}\ \Phi_{348}\ \Phi_{174}\ \Phi_{132}\ \Phi_{87}\ \Phi_{12}\ \Phi_6$
91497	1390	2772	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{126}$	$\frac{113}{252}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{154}\ \Phi_{132}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}$
91498	1390	423	$\frac{2}{141}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{423}^3\ \Phi_{141}^4\ \Phi_{47}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
91499	1390	207	$\frac{1}{69}$	$\frac{1}{9}$	$\frac{68}{207}$	$\frac{4}{9}$	$\Phi_{207}^7\ \Phi_{69}^6\ \Phi_{23}^6\ \Phi_9^8\ \Phi_3^7\ \Phi_1^8$
91500	1390	1656	$\frac{1}{46}$	$\frac{1}{9}$	$\frac{45}{184}$	$\frac{4}{9}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{92}^2\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
91501	1390	144	$\frac{5}{144}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{144}^{10}\ \Phi_{72}^{10}\ \Phi_{48}^{10}\ \Phi_{36}^{10}\ \Phi_{24}^{10}\ \Phi_{18}^7\ \Phi_{16}^{10}\ \Phi_{12}^{10}\ \Phi_9^8\ \Phi_8^{10}\ \Phi_6^6\ \Phi_4^{10}\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
91502	1390	1449	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{22}{161}$	$\frac{4}{9}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{161}^2\ \Phi_{63}\ \Phi_{21}\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
91503	1390	744	$\frac{1}{31}$	$\frac{15}{124}$	$\frac{1}{6}$	$\frac{109}{248}$	$\Phi_{744}^4\ \Phi_{248}^2\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{24}^4\ \Phi_8^2$
91504	1390	2112	$\frac{9}{704}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
91505	1390	1218	$\frac{1}{87}$	$\frac{86}{609}$	$\frac{1}{3}$	$\frac{523}{1218}$	$\Phi_{1218}^2\ \Phi_{406}^2\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{42}^2\ \Phi_{29}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
91506	1390	2640	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{19}{120}$	$\frac{101}{240}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
91507	1390	696	$\frac{1}{116}$	$\frac{23}{116}$	$\frac{1}{3}$	$\frac{93}{232}$	$\Phi_{696}^5\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{24}^5\ \Phi_{12}\ \Phi_6$
91508	1390	2464	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{27}{112}$	$\frac{85}{224}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{308}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}$
91509	1390	840	$\frac{1}{140}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{840}^4\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}^4\ \Phi_{120}^4\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
91510	1390	1584	$\frac{5}{144}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
91511	1390	2310	$\frac{1}{35}$	$\frac{1}{11}$	$\frac{34}{105}$	$\frac{71}{210}$	$\Phi_{2310}\ \Phi_{770}\ \Phi_{462}\ \Phi_{385}\ \Phi_{330}\ \Phi_{154}\ \Phi_{110}\ \Phi_{77}\ \Phi_{66}\ \Phi_{55}\ \Phi_{22}$
91512	1390	1044	$\frac{1}{174}$	$\frac{173}{522}$	$\frac{1}{3}$	$\frac{349}{1044}$	$\Phi_{1044}^2\ \Phi_{348}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{36}^2\ \Phi_{29}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
91513	1390	924	$\frac{2}{231}$	$\frac{229}{924}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
91514	1390	702	$\frac{7}{702}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{54}^2\ \Phi_{39}^2\ \Phi_{27}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
91515	1390	282	$\frac{2}{141}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{282}^6\ \Phi_{141}^4\ \Phi_{94}^6\ \Phi_{47}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
91516	1390	792	$\frac{2}{99}$	$\frac{97}{792}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
91517	1390	714	$\frac{19}{714}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{42}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
91518	1390	756	$\frac{2}{63}$	$\frac{61}{756}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
91519	1390	726	$\frac{31}{726}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{726}^2\ \Phi_{363}^2\ \Phi_{242}^2\ \Phi_{121}^2\ \Phi_{66}^2\ \Phi_{22}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
91520	1390	414	$\frac{1}{69}$	$\frac{1}{6}$	$\frac{68}{207}$	$\frac{1}{3}$	$\Phi_{414}^6\ \Phi_{207}^4\ \Phi_{18}^6\ \Phi_9^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
91521	1390	1032	$\frac{7}{344}$	$\frac{1}{8}$	$\frac{337}{1032}$	$\frac{1}{3}$	$\Phi_{1032}\ \Phi_{516}\ \Phi_{344}^2\ \Phi_{258}\ \Phi_{172}^2\ \Phi_{129}\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
91522	1390	783	$\frac{2}{87}$	$\frac{88}{783}$	$\frac{85}{261}$	$\frac{1}{3}$	$\Phi_{783}^2\ \Phi_{261}\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
91523	1390	1008	$\frac{1}{24}$	$\frac{23}{336}$	$\frac{313}{1008}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{252}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
91524	1390	144	$\frac{5}{144}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{144}^{10}\ \Phi_{72}^{10}\ \Phi_{48}^{10}\ \Phi_{36}^8\ \Phi_{24}^{10}\ \Phi_{18}^8\ \Phi_{16}^{10}\ \Phi_{12}^{10}\ \Phi_9^8\ \Phi_8^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
91525	1390	552	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{45}{184}$	$\frac{1}{3}$	$\Phi_{552}^3\ \Phi_{276}^3\ \Phi_{184}^4\ \Phi_{92}^4\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
91526	1390	768	$\frac{1}{24}$	$\frac{73}{768}$	$\frac{23}{96}$	$\frac{1}{3}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
91527	1390	912	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{217}{912}$	$\frac{1}{3}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{152}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
91528	1390	174	$\frac{2}{87}$	$\frac{17}{87}$	$\frac{35}{174}$	$\frac{1}{3}$	$\Phi_{174}^{10}\ \Phi_{87}^6\ \Phi_{58}^{10}\ \Phi_{29}^6\ \Phi_6^{10}\ \Phi_3^5\ \Phi_2^{10}\ \Phi_1^6$
91529	1390	690	$\frac{2}{69}$	$\frac{1}{6}$	$\frac{67}{345}$	$\frac{1}{3}$	$\Phi_{690}^3\ \Phi_{345}^2\ \Phi_{230}^3\ \Phi_{115}^2\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
91530	1390	168	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{29}{168}$	$\frac{1}{3}$	$\Phi_{168}^8\ \Phi_{84}^8\ \Phi_{56}^8\ \Phi_{42}^8\ \Phi_{28}^8\ \Phi_{24}^{10}\ \Phi_{21}^8\ \Phi_{14}^8\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_7^8\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
91531	1390	144	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{144}^{10}\ \Phi_{72}^{10}\ \Phi_{48}^{10}\ \Phi_{36}^{10}\ \Phi_{24}^{10}\ \Phi_{18}^{10}\ \Phi_{16}^{10}\ \Phi_{12}^{10}\ \Phi_9^{10}\ \Phi_8^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
91532	1390	828	$\frac{5}{138}$	$\frac{133}{828}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}^2\ \Phi_{207}^2\ \Phi_{92}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
91533	1390	966	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{966}^2\ \Phi_{483}\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
91534	1390	2244	$\frac{3}{68}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{65}{204}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{561}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
91535	1390	1980	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{41}{180}$	$\frac{19}{60}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{198}\ \Phi_{110}\ \Phi_{99}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
91536	1390	810	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{127}{405}$	$\Phi_{810}^3\ \Phi_{405}^2\ \Phi_{162}^3\ \Phi_{81}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
91537	1390	1848	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{29}{168}$	$\frac{13}{42}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}$
91538	1390	594	$\frac{19}{297}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{594}^3\ \Phi_{297}^2\ \Phi_{198}^3\ \Phi_{99}^2\ \Phi_{66}^3\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{18}^3\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
91539	1390	1650	$\frac{11}{150}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{330}\ \Phi_{275}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{22}$
91540	1390	186	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{15}{62}$	$\frac{47}{186}$	$\Phi_{186}^7\ \Phi_{93}^7\ \Phi_{62}^9\ \Phi_{31}^8\ \Phi_6^6\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
91541	1390	1980	$\frac{4}{45}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{41}{180}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
91542	1390	180	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{41}{180}$	$\Phi_{180}^{10}\ \Phi_{90}^4\ \Phi_{60}^{10}\ \Phi_{45}^6\ \Phi_{36}^{10}\ \Phi_{30}^4\ \Phi_{20}^{10}\ \Phi_{18}^7\ \Phi_{15}^6\ \Phi_{12}^{10}\ \Phi_{10}^4\ \Phi_9^8\ \Phi_6^6\ \Phi_5^6\ \Phi_4^{10}\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
91543	1390	630	$\frac{1}{9}$	$\frac{37}{315}$	$\frac{1}{6}$	$\frac{8}{45}$	$\Phi_{630}^3\ \Phi_{315}^2\ \Phi_{210}^3\ \Phi_{126}^3\ \Phi_{105}^2\ \Phi_{70}^3\ \Phi_{63}^2\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{14}^3\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
91544	1390	162	$\frac{1}{9}$	$\frac{23}{162}$	$\frac{4}{27}$	$\frac{1}{6}$	$\Phi_{162}^{10}\ \Phi_{81}^{10}\ \Phi_{54}^4\ \Phi_{27}^6\ \Phi_{18}^7\ \Phi_9^8\ \Phi_6^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
91545	1391	2224	$\frac{1}{278}$	$\frac{279}{1112}$	$\frac{833}{2224}$	$\frac{277}{556}$	$\Phi_{2224}\ \Phi_{556}\ \Phi_{16}\ \Phi_4\ \Phi_1$
91546	1391	2760	$\frac{11}{1380}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1369}{2760}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{184}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
91547	1391	2760	$\frac{11}{1380}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1369}{2760}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{184}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
91548	1391	1860	$\frac{4}{465}$	$\frac{1}{5}$	$\frac{469}{1860}$	$\frac{461}{930}$	$\Phi_{1860}\ \Phi_{620}\ \Phi_{465}\ \Phi_{372}\ \Phi_{155}\ \Phi_{124}\ \Phi_{93}\ \Phi_{60}\ \Phi_{31}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
91549	1391	1272	$\frac{1}{106}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{105}{212}$	$\Phi_{1272}^2\ \Phi_{424}^2\ \Phi_{212}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
91550	1391	3180	$\frac{1}{106}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{105}{212}$	$\Phi_{3180}\ \Phi_{1060}\ \Phi_{212}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
91551	1391	1908	$\frac{1}{106}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{105}{212}$	$\Phi_{1908}^2\ \Phi_{212}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
91552	1391	848	$\frac{1}{106}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{105}{212}$	$\Phi_{848}^2\ \Phi_{424}^2\ \Phi_{212}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
91553	1391	210	$\frac{2}{105}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{103}{210}$	$\Phi_{210}^6\ \Phi_{105}^7\ \Phi_{70}^6\ \Phi_{42}^7\ \Phi_{35}^7\ \Phi_{30}^6\ \Phi_{21}^8\ \Phi_{15}^7\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7^7\ \Phi_6^7\ \Phi_5^7\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
91554	1391	2720	$\frac{31}{1360}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1329}{2720}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
91555	1391	1550	$\frac{4}{155}$	$\frac{159}{1550}$	$\frac{1}{5}$	$\frac{151}{310}$	$\Phi_{1550}\ \Phi_{775}\ \Phi_{155}\ \Phi_{50}\ \Phi_{31}\ \Phi_{25}\ \Phi_1$
91556	1391	1008	$\frac{1}{36}$	$\frac{1}{14}$	$\frac{37}{144}$	$\frac{35}{72}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{144}\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
91557	1391	1456	$\frac{3}{104}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{101}{208}$	$\Phi_{1456}^2\ \Phi_{208}\ \Phi_{112}^2\ \Phi_{28}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
91558	1391	2700	$\frac{41}{1350}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1309}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{180}\ \Phi_{108}\ \Phi_{100}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
91559	1391	2700	$\frac{41}{1350}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1309}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{180}\ \Phi_{108}\ \Phi_{100}\ \Phi_{60}\ \Phi_{50}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
91560	1391	1680	$\frac{9}{280}$	$\frac{1}{10}$	$\frac{289}{1680}$	$\frac{271}{560}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
91561	1391	1600	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{209}{1600}$	$\frac{191}{400}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
91562	1391	2660	$\frac{61}{1330}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1269}{2660}$	$\Phi_{2660}\ \Phi_{532}\ \Phi_{380}\ \Phi_{140}\ \Phi_{76}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
91563	1391	1428	$\frac{5}{102}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{97}{204}$	$\Phi_{1428}^2\ \Phi_{476}^2\ \Phi_{204}\ \Phi_{84}^2\ \Phi_{68}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
91564	1391	200	$\frac{7}{100}$	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{93}{200}$	$\Phi_{200}^{13}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}^{13}\ \Phi_{25}\ \Phi_{20}\ \Phi_8^{13}\ \Phi_4\ \Phi_1$
91565	1391	1386	$\frac{1}{14}$	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{198}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{126}^2\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_{11}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
91566	1391	1272	$\frac{1}{53}$	$\frac{1}{12}$	$\frac{52}{159}$	$\frac{11}{24}$	$\Phi_{1272}^2\ \Phi_{424}^2\ \Phi_{159}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_3\ \Phi_1$
91567	1391	840	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{120}$	$\frac{11}{24}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{40}\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
91568	1391	1440	$\frac{49}{1440}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
91569	1391	1840	$\frac{11}{460}$	$\frac{1}{10}$	$\frac{449}{1840}$	$\frac{9}{20}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{368}\ \Phi_{184}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
91570	1391	1440	$\frac{49}{1440}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
91571	1391	2520	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{131}{1260}$	$\frac{1129}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{72}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
91572	1391	1344	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{85}{192}$	$\Phi_{1344}^2\ \Phi_{448}^2\ \Phi_{192}\ \Phi_{84}^2\ \Phi_{64}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
91573	1391	2480	$\frac{4}{155}$	$\frac{151}{1240}$	$\frac{1}{5}$	$\frac{1089}{2480}$	$\Phi_{2480}\ \Phi_{496}\ \Phi_{155}\ \Phi_{80}\ \Phi_{31}\ \Phi_{16}\ \Phi_1$
91574	1391	2400	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{191}{1200}$	$\frac{1009}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{96}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
91575	1391	1260	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{17}{90}$	$\frac{73}{180}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{180}\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
91576	1391	1440	$\frac{49}{1440}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
91577	1391	2240	$\frac{9}{280}$	$\frac{1}{10}$	$\frac{271}{1120}$	$\frac{849}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{64}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
91578	1391	112	$\frac{5}{112}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{112}^{13}\ \Phi_{56}^{11}\ \Phi_{28}^{13}\ \Phi_{16}^{13}\ \Phi_{14}^{12}\ \Phi_8^{12}\ \Phi_7^{12}\ \Phi_4^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
91579	1391	1410	$\frac{19}{1410}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{470}\ \Phi_{282}\ \Phi_{235}\ \Phi_{141}\ \Phi_{94}\ \Phi_{47}\ \Phi_{15}\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
91580	1391	1134	$\frac{1}{27}$	$\frac{1}{14}$	$\frac{26}{81}$	$\frac{55}{162}$	$\Phi_{1134}\ \Phi_{567}\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{81}\ \Phi_{63}^2\ \Phi_{54}\ \Phi_{42}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
91581	1391	2100	$\frac{9}{350}$	$\frac{1}{10}$	$\frac{341}{1050}$	$\frac{709}{2100}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{50}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
91582	1391	795	$\frac{1}{53}$	$\frac{2}{15}$	$\frac{52}{159}$	$\frac{1}{3}$	$\Phi_{795}^2\ \Phi_{265}^2\ \Phi_{159}\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3\ \Phi_1$
91583	1391	126	$\frac{1}{14}$	$\frac{2}{21}$	$\frac{19}{126}$	$\frac{1}{3}$	$\Phi_{126}^{13}\ \Phi_{63}^{13}\ \Phi_{42}^7\ \Phi_{21}^8\ \Phi_{18}^{13}\ \Phi_{14}^6\ \Phi_9^{13}\ \Phi_7^7\ \Phi_6^7\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
91584	1391	840	$\frac{1}{14}$	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
91585	1391	2070	$\frac{11}{690}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{679}{2070}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{414}\ \Phi_{207}\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
91586	1391	954	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{52}{159}$	$\Phi_{954}^2\ \Phi_{477}^2\ \Phi_{159}\ \Phi_{18}^3\ \Phi_9^3\ \Phi_3\ \Phi_1$
91587	1391	2544	$\frac{1}{53}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{52}{159}$	$\Phi_{2544}\ \Phi_{1272}\ \Phi_{159}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_3\ \Phi_1$
91588	1391	1800	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{409}{1800}$	$\frac{191}{600}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{100}\ \Phi_{90}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
91589	1391	2040	$\frac{31}{680}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{649}{2040}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{120}\ \Phi_{102}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
91590	1391	1092	$\frac{3}{52}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{49}{156}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{273}^2\ \Phi_{156}\ \Phi_{84}^2\ \Phi_{78}\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
91591	1391	2025	$\frac{41}{675}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{634}{2025}$	$\Phi_{2025}\ \Phi_{405}\ \Phi_{81}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
91592	1391	1680	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{289}{1680}$	$\frac{131}{420}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
91593	1391	1485	$\frac{94}{1485}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{135}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_9\ \Phi_3\ \Phi_1$
91594	1391	1500	$\frac{109}{1500}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{150}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}\ \Phi_{250}\ \Phi_{125}\ \Phi_{100}\ \Phi_{60}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
91595	1391	1725	$\frac{11}{345}$	$\frac{334}{1725}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
91596	1391	1440	$\frac{49}{1440}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
91597	1391	1008	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{144}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{252}^2\ \Phi_{144}\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
91598	1391	1860	$\frac{4}{155}$	$\frac{1}{5}$	$\frac{151}{620}$	$\frac{469}{1860}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{465}\ \Phi_{372}\ \Phi_{186}\ \Phi_{155}\ \Phi_{93}\ \Phi_{60}\ \Phi_{31}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
91599	1391	1800	$\frac{4}{45}$	$\frac{41}{450}$	$\frac{1}{5}$	$\frac{409}{1800}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
91600	1391	1800	$\frac{41}{450}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{409}{1800}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
91601	1391	1575	$\frac{4}{45}$	$\frac{184}{1575}$	$\frac{41}{225}$	$\frac{1}{5}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{175}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1$
91602	1391	1620	$\frac{4}{45}$	$\frac{229}{1620}$	$\frac{41}{270}$	$\frac{1}{5}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
91603	1392	1041	$\frac{1}{347}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{173}{347}$	$\Phi_{1041}\ \Phi_{347}^2\ \Phi_3^2\ \Phi_1^4$
91604	1392	1391	$\frac{5}{1391}$	$\frac{349}{1391}$	$\frac{521}{1391}$	$\frac{693}{1391}$	$\Phi_{1391}\ \Phi_{107}\ \Phi_{13}\ \Phi_1^2$
91605	1392	2091	$\frac{3}{697}$	$\frac{175}{697}$	$\frac{1}{3}$	$\frac{347}{697}$	$\Phi_{2091}\ \Phi_{123}\ \Phi_{51}$
91606	1392	1155	$\frac{1}{231}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{115}{231}$	$\Phi_{1155}\ \Phi_{385}\ \Phi_{231}^2\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}^2\ \Phi_{55}\ \Phi_{35}\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
91607	1392	924	$\frac{1}{231}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{115}{231}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
91608	1392	1391	$\frac{7}{1391}$	$\frac{233}{1391}$	$\frac{579}{1391}$	$\frac{692}{1391}$	$\Phi_{1391}\ \Phi_{107}\ \Phi_{13}\ \Phi_1^2$
91609	1392	1211	$\frac{1}{173}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{86}{173}$	$\Phi_{1211}\ \Phi_{173}^2\ \Phi_7^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
91610	1392	2595	$\frac{1}{173}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{86}{173}$	$\Phi_{2595}\ \Phi_{15}^2$
91611	1392	620	$\frac{1}{155}$	$\frac{1}{4}$	$\frac{39}{155}$	$\frac{77}{155}$	$\Phi_{620}^3\ \Phi_{310}^3\ \Phi_{124}^3\ \Phi_{62}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_4^2\ \Phi_2^2$
91612	1392	1391	$\frac{9}{1391}$	$\frac{175}{1391}$	$\frac{608}{1391}$	$\frac{691}{1391}$	$\Phi_{1391}\ \Phi_{107}\ \Phi_{13}\ \Phi_1^2$
91613	1392	1391	$\frac{9}{1391}$	$\frac{347}{1391}$	$\frac{350}{1391}$	$\frac{691}{1391}$	$\Phi_{1391}\ \Phi_{107}\ \Phi_{13}\ \Phi_1^2$
91614	1392	2091	$\frac{5}{697}$	$\frac{117}{697}$	$\frac{1}{3}$	$\frac{346}{697}$	$\Phi_{2091}\ \Phi_{123}\ \Phi_{51}$
91615	1392	1745	$\frac{3}{349}$	$\frac{1}{5}$	$\frac{88}{349}$	$\frac{173}{349}$	Φ_{1745}
91616	1392	1265	$\frac{1}{115}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{57}{115}$	$\Phi_{1265}\ \Phi_{253}\ \Phi_{115}^2\ \Phi_{55}\ \Phi_{23}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
91617	1392	2415	$\frac{1}{115}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{57}{115}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{105}\ \Phi_{21}^2$
91618	1392	1265	$\frac{1}{115}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{57}{115}$	$\Phi_{1265}\ \Phi_{253}\ \Phi_{115}^2\ \Phi_{55}\ \Phi_{23}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
91619	1392	460	$\frac{1}{115}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{57}{115}$	$\Phi_{460}^4\ \Phi_{230}^4\ \Phi_{92}^4\ \Phi_{46}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_4^4\ \Phi_2^4$
91620	1392	107	$\frac{1}{107}$	$\frac{9}{107}$	$\frac{49}{107}$	$\frac{53}{107}$	$\Phi_{107}^{13}\ \Phi_1^{14}$
91621	1392	321	$\frac{1}{107}$	$\frac{18}{107}$	$\frac{89}{321}$	$\frac{53}{107}$	$\Phi_{321}^6\ \Phi_{107}\ \Phi_3^6\ \Phi_1^2$
91622	1392	107	$\frac{1}{107}$	$\frac{20}{107}$	$\frac{27}{107}$	$\frac{53}{107}$	$\Phi_{107}^{13}\ \Phi_1^{14}$
91623	1392	2091	$\frac{7}{697}$	$\frac{88}{697}$	$\frac{1}{3}$	$\frac{345}{697}$	$\Phi_{2091}\ \Phi_{123}\ \Phi_{51}$
91624	1392	689	$\frac{7}{689}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{341}{689}$	$\Phi_{689}^2\ \Phi_{53}^2\ \Phi_{13}^3\ \Phi_1^4$
91625	1392	1116	$\frac{1}{93}$	$\frac{47}{279}$	$\frac{1}{4}$	$\frac{46}{93}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{62}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
91626	1392	2580	$\frac{1}{86}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{85}{172}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{516}\ \Phi_{172}^2\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
91627	1392	1548	$\frac{1}{86}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{85}{172}$	$\Phi_{1548}^2\ \Phi_{516}\ \Phi_{172}^2\ \Phi_{36}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
91628	1392	860	$\frac{1}{86}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{85}{172}$	$\Phi_{860}^3\ \Phi_{172}^4\ \Phi_{20}^3\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
91629	1392	1391	$\frac{17}{1391}$	$\frac{176}{1391}$	$\frac{405}{1391}$	$\frac{687}{1391}$	$\Phi_{1391}\ \Phi_{107}\ \Phi_{13}\ \Phi_1^2$
91630	1392	1631	$\frac{3}{233}$	$\frac{1}{7}$	$\frac{59}{233}$	$\frac{115}{233}$	Φ_{1631}
91631	1392	1391	$\frac{19}{1391}$	$\frac{235}{1391}$	$\frac{289}{1391}$	$\frac{686}{1391}$	$\Phi_{1391}\ \Phi_{107}\ \Phi_{13}\ \Phi_1^2$
91632	1392	1745	$\frac{5}{349}$	$\frac{59}{349}$	$\frac{1}{5}$	$\frac{172}{349}$	Φ_{1745}
91633	1392	1860	$\frac{7}{465}$	$\frac{59}{465}$	$\frac{1}{4}$	$\frac{229}{465}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{372}\ \Phi_{310}\ \Phi_{186}\ \Phi_{124}\ \Phi_{62}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
91634	1392	1391	$\frac{21}{1391}$	$\frac{173}{1391}$	$\frac{353}{1391}$	$\frac{685}{1391}$	$\Phi_{1391}\ \Phi_{107}\ \Phi_{13}\ \Phi_1^2$
91635	1392	2091	$\frac{11}{697}$	$\frac{59}{697}$	$\frac{1}{3}$	$\frac{343}{697}$	$\Phi_{2091}\ \Phi_{123}\ \Phi_{51}$
91636	1392	1311	$\frac{1}{57}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{28}{57}$	$\Phi_{1311}\ \Phi_{437}\ \Phi_{69}\ \Phi_{57}^2\ \Phi_{23}^2\ \Phi_{19}^2\ \Phi_3^2\ \Phi_1^4$
91637	1392	741	$\frac{1}{57}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{28}{57}$	$\Phi_{741}^2\ \Phi_{247}^2\ \Phi_{39}^3\ \Phi_{13}^2$
91638	1392	1311	$\frac{1}{57}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{28}{57}$	$\Phi_{1311}\ \Phi_{437}\ \Phi_{69}\ \Phi_{57}^2\ \Phi_{23}^2\ \Phi_{19}^2\ \Phi_3^2\ \Phi_1^4$
91639	1392	684	$\frac{1}{57}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{28}{57}$	$\Phi_{684}^3\ \Phi_{342}^3\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
91640	1392	1311	$\frac{1}{57}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{28}{57}$	$\Phi_{1311}\ \Phi_{437}\ \Phi_{69}\ \Phi_{57}^2\ \Phi_{23}^2\ \Phi_{19}^2\ \Phi_3^2\ \Phi_1^4$
91641	1392	1995	$\frac{1}{57}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{28}{57}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{105}\ \Phi_{35}^2$
91642	1392	1391	$\frac{25}{1391}$	$\frac{59}{1391}$	$\frac{666}{1391}$	$\frac{683}{1391}$	$\Phi_{1391}\ \Phi_{107}\ \Phi_{13}\ \Phi_1^2$
91643	1392	455	$\frac{9}{455}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{223}{455}$	$\Phi_{455}^3\ \Phi_{91}^3\ \Phi_{65}^3\ \Phi_{35}^3\ \Phi_{13}^5\ \Phi_7^3\ \Phi_5^3\ \Phi_1^6$
91644	1392	2632	$\frac{1}{47}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{23}{47}$	$\Phi_{2632}\ \Phi_{376}\ \Phi_{56}^2\ \Phi_{47}\ \Phi_8^2\ \Phi_1^2$
91645	1392	1974	$\frac{1}{47}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{23}{47}$	$\Phi_{1974}\ \Phi_{987}\ \Phi_{282}\ \Phi_{141}\ \Phi_{47}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
91646	1392	1504	$\frac{1}{47}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{23}{47}$	$\Phi_{1504}\ \Phi_{752}\ \Phi_{376}\ \Phi_{47}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
91647	1392	1645	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{23}{47}$	$\Phi_{1645}\ \Phi_{235}\ \Phi_{47}\ \Phi_{35}^2\ \Phi_5^2\ \Phi_1^2$
91648	1392	510	$\frac{2}{85}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{83}{170}$	$\Phi_{510}^8\ \Phi_{102}^8\ \Phi_{51}\ \Phi_{30}^8\ \Phi_6^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
91649	1392	1530	$\frac{2}{85}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{83}{170}$	$\Phi_{1530}^2\ \Phi_{510}^2\ \Phi_{306}^2\ \Phi_{102}^2\ \Phi_{90}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_6^2$
91650	1392	1391	$\frac{33}{1391}$	$\frac{89}{1391}$	$\frac{434}{1391}$	$\frac{679}{1391}$	$\Phi_{1391}\ \Phi_{107}\ \Phi_{13}\ \Phi_1^2$
91651	1392	123	$\frac{1}{41}$	$\frac{7}{123}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{123}^{11}\ \Phi_{41}^{12}\ \Phi_3^{10}\ \Phi_1^{12}$
91652	1392	39	$\frac{1}{39}$	$\frac{1}{13}$	$\frac{10}{39}$	$\frac{19}{39}$	$\Phi_{39}^{36}\ \Phi_{13}^{35}\ \Phi_3^{36}\ \Phi_1^{36}$
91653	1392	1391	$\frac{37}{1391}$	$\frac{119}{1391}$	$\frac{318}{1391}$	$\frac{677}{1391}$	$\Phi_{1391}\ \Phi_{107}\ \Phi_{13}\ \Phi_1^2$
91654	1392	315	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{6}{35}$	$\frac{17}{35}$	$\Phi_{315}^5\ \Phi_{105}^5\ \Phi_{63}^5\ \Phi_{45}^5\ \Phi_{21}^5\ \Phi_{15}^5\ \Phi_9^4\ \Phi_3^4$
91655	1392	1391	$\frac{41}{1391}$	$\frac{179}{1391}$	$\frac{202}{1391}$	$\frac{675}{1391}$	$\Phi_{1391}\ \Phi_{107}\ \Phi_{13}\ \Phi_1^2$
91656	1392	169	$\frac{5}{169}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{82}{169}$	$\Phi_{169}^8\ \Phi_{13}^{11}\ \Phi_1^{12}$
91657	1392	1631	$\frac{7}{233}$	$\frac{30}{233}$	$\frac{1}{7}$	$\frac{113}{233}$	Φ_{1631}
91658	1392	1391	$\frac{43}{1391}$	$\frac{144}{1391}$	$\frac{239}{1391}$	$\frac{674}{1391}$	$\Phi_{1391}\ \Phi_{107}\ \Phi_{13}\ \Phi_1^2$
91659	1392	900	$\frac{7}{225}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{109}{225}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{60}^3\ \Phi_{50}^2\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
91660	1392	1745	$\frac{11}{349}$	$\frac{30}{349}$	$\frac{1}{5}$	$\frac{169}{349}$	Φ_{1745}
91661	1392	124	$\frac{1}{31}$	$\frac{2}{31}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{124}^{15}\ \Phi_{62}^{15}\ \Phi_4^{14}\ \Phi_2^{14}$
91662	1392	1391	$\frac{45}{1391}$	$\frac{86}{1391}$	$\frac{359}{1391}$	$\frac{673}{1391}$	$\Phi_{1391}\ \Phi_{107}\ \Phi_{13}\ \Phi_1^2$
91663	1392	2091	$\frac{23}{697}$	$\frac{30}{697}$	$\frac{1}{3}$	$\frac{337}{697}$	$\Phi_{2091}\ \Phi_{123}\ \Phi_{51}$
91664	1392	4200	$\frac{1}{28}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{4200}\ \Phi_{840}\ \Phi_{600}\ \Phi_{120}\ \Phi_{75}\ \Phi_{15}$
91665	1392	2632	$\frac{1}{28}$	$\frac{2}{47}$	$\frac{15}{47}$	$\frac{27}{56}$	$\Phi_{2632}\ \Phi_{376}\ \Phi_{56}^2\ \Phi_{47}\ \Phi_8^2\ \Phi_1^2$
91666	1392	952	$\frac{1}{28}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{952}^3\ \Phi_{136}^3\ \Phi_{68}\ \Phi_{34}$
91667	1392	2632	$\frac{1}{28}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{27}{56}$	$\Phi_{2632}\ \Phi_{376}\ \Phi_{56}^2\ \Phi_{47}\ \Phi_8^2\ \Phi_1^2$
91668	1392	3640	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{27}{56}$	$\Phi_{3640}\ \Phi_{520}\ \Phi_{65}$
91669	1392	2632	$\frac{1}{28}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{27}{56}$	$\Phi_{2632}\ \Phi_{376}\ \Phi_{56}^2\ \Phi_{47}\ \Phi_8^2\ \Phi_1^2$
91670	1392	504	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{27}{56}$	$\Phi_{504}^6\ \Phi_{168}^6\ \Phi_{72}^6\ \Phi_{63}\ \Phi_{24}^6\ \Phi_{21}$
91671	1392	900	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{13}{100}$	$\frac{12}{25}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
91672	1392	690	$\frac{1}{30}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{115}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{30}^4\ \Phi_{23}^2\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
91673	1392	874	$\frac{1}{23}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{11}{23}$	$\Phi_{874}^2\ \Phi_{437}\ \Phi_{46}^2\ \Phi_{38}^4\ \Phi_{23}^2\ \Phi_{19}^2\ \Phi_2^4\ \Phi_1^4$
91674	1392	221	$\frac{11}{221}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{105}{221}$	$\Phi_{221}^6\ \Phi_{17}^6\ \Phi_{13}^{11}\ \Phi_1^{12}$
91675	1392	357	$\frac{3}{119}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{357}^6\ \Phi_{51}^5\ \Phi_{21}^6\ \Phi_3^4$
91676	1392	492	$\frac{1}{41}$	$\frac{5}{82}$	$\frac{1}{3}$	$\frac{77}{164}$	$\Phi_{492}^8\ \Phi_{123}\ \Phi_{12}^8$
91677	1392	1470	$\frac{1}{30}$	$\frac{3}{49}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{294}\ \Phi_{245}\ \Phi_{210}\ \Phi_{147}\ \Phi_{105}\ \Phi_{98}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
91678	1392	645	$\frac{1}{43}$	$\frac{1}{15}$	$\frac{14}{43}$	$\frac{7}{15}$	$\Phi_{645}^2\ \Phi_{215}^2\ \Phi_{129}^2\ \Phi_{43}^4\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^6$
91679	1392	60	$\frac{1}{30}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{60}^{31}\ \Phi_{30}^{15}\ \Phi_{20}^{31}\ \Phi_{15}^{16}\ \Phi_{12}^{31}\ \Phi_{10}^{15}\ \Phi_6^{15}\ \Phi_5^{16}\ \Phi_4^{30}\ \Phi_3^{16}\ \Phi_2^{14}\ \Phi_1^{16}$
91680	1392	868	$\frac{1}{31}$	$\frac{15}{217}$	$\frac{1}{4}$	$\frac{101}{217}$	$\Phi_{868}^2\ \Phi_{434}^2\ \Phi_{124}^3\ \Phi_{62}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_4^2\ \Phi_2^2$
91681	1392	2646	$\frac{1}{49}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{2646}\ \Phi_{882}\ \Phi_{378}\ \Phi_{294}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
91682	1392	702	$\frac{2}{27}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{25}{54}$	$\Phi_{702}^4\ \Phi_{234}^4\ \Phi_{117}\ \Phi_{78}^4\ \Phi_{39}\ \Phi_{26}^4$
91683	1392	65	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{7}{65}$	$\frac{6}{13}$	$\Phi_{65}^{24}\ \Phi_{13}^{11}\ \Phi_5^{24}\ \Phi_1^{12}$
91684	1392	1391	$\frac{35}{1391}$	$\frac{113}{1391}$	$\frac{376}{1391}$	$\frac{639}{1391}$	$\Phi_{1391}\ \Phi_{107}\ \Phi_{13}\ \Phi_1^2$
91685	1392	429	$\frac{1}{13}$	$\frac{35}{429}$	$\frac{4}{39}$	$\frac{197}{429}$	$\Phi_{429}^3\ \Phi_{143}^3\ \Phi_{39}^6\ \Phi_{33}^3\ \Phi_{13}^5\ \Phi_{11}^3\ \Phi_3^6\ \Phi_1^6$
91686	1392	2091	$\frac{13}{697}$	$\frac{57}{697}$	$\frac{1}{3}$	$\frac{320}{697}$	$\Phi_{2091}\ \Phi_{123}\ \Phi_{51}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
91687	1392	107	$\frac{2}{107}$	$\frac{9}{107}$	$\frac{35}{107}$	$\frac{49}{107}$	$\Phi_{107}^{13}\ \Phi_{1}^{14}$
91688	1392	107	$\frac{5}{107}$	$\frac{9}{107}$	$\frac{17}{107}$	$\frac{49}{107}$	$\Phi_{107}^{13}\ \Phi_{1}^{14}$
91689	1392	107	$\frac{8}{107}$	$\frac{9}{107}$	$\frac{11}{107}$	$\frac{49}{107}$	$\Phi_{107}^{13}\ \Phi_{1}^{14}$
91690	1392	2720	$\frac{1}{17}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{160}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
91691	1392	1947	$\frac{1}{59}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1947}\ \Phi_{177}^{2}$
91692	1392	1265	$\frac{3}{115}$	$\frac{1}{11}$	$\frac{28}{115}$	$\frac{5}{11}$	$\Phi_{1265}\ \Phi_{253}\ \Phi_{115}^{2}\ \Phi_{55}\ \Phi_{23}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
91693	1392	330	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{330}^{4}\ \Phi_{165}^{4}\ \Phi_{110}^{4}\ \Phi_{66}^{4}\ \Phi_{55}^{3}\ \Phi_{33}^{4}\ \Phi_{30}^{8}\ \Phi_{22}^{4}\ \Phi_{15}^{8}\ \Phi_{11}^{4}\ \Phi_{10}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
91694	1392	759	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{11}{69}$	$\frac{5}{11}$	$\Phi_{759}^{2}\ \Phi_{253}\ \Phi_{69}^{4}\ \Phi_{33}^{2}\ \Phi_{23}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
91695	1392	1960	$\frac{1}{49}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1960}\ \Phi_{490}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{98}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{14}$
91696	1392	1470	$\frac{1}{30}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{294}\ \Phi_{245}\ \Phi_{210}\ \Phi_{147}\ \Phi_{105}\ \Phi_{98}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
91697	1392	819	$\frac{1}{13}$	$\frac{5}{63}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{819}^{2}\ \Phi_{273}^{2}\ \Phi_{117}\ \Phi_{91}^{2}\ \Phi_{39}$
91698	1392	52	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{52}$	$\Phi_{52}^{48}\ \Phi_{13}^{11}\ \Phi_{4}^{48}\ \Phi_{1}^{12}$
91699	1392	1475	$\frac{1}{59}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1475}\ \Phi_{295}$
91700	1392	107	$\frac{3}{107}$	$\frac{13}{107}$	$\frac{20}{107}$	$\frac{47}{107}$	$\Phi_{107}^{13}\ \Phi_{1}^{14}$
91701	1392	620	$\frac{3}{155}$	$\frac{19}{155}$	$\frac{1}{4}$	$\frac{68}{155}$	$\Phi_{620}^{3}\ \Phi_{310}^{3}\ \Phi_{124}^{3}\ \Phi_{62}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
91702	1392	544	$\frac{1}{17}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{544}^{3}\ \Phi_{272}^{2}\ \Phi_{136}^{3}\ \Phi_{68}^{3}\ \Phi_{34}^{3}\ \Phi_{17}^{2}$
91703	1392	1391	$\frac{27}{1391}$	$\frac{175}{1391}$	$\frac{341}{1391}$	$\frac{608}{1391}$	$\Phi_{1391}\ \Phi_{107}\ \Phi_{13}\ \Phi_{1}^{2}$
91704	1392	2618	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{154}$	$\Phi_{2618}\ \Phi_{374}\ \Phi_{238}\ \Phi_{187}\ \Phi_{34}$
91705	1392	1848	$\frac{1}{88}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{264}^{2}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}^{2}\ \Phi_{84}\ \Phi_{66}^{2}\ \Phi_{42}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
91706	1392	1211	$\frac{2}{173}$	$\frac{1}{7}$	$\frac{57}{173}$	$\frac{3}{7}$	$\Phi_{1211}\ \Phi_{173}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
91707	1392	1652	$\frac{1}{59}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1652}\ \Phi_{826}\ \Phi_{236}^{2}\ \Phi_{118}^{2}$
91708	1392	1211	$\frac{5}{173}$	$\frac{1}{7}$	$\frac{28}{173}$	$\frac{3}{7}$	$\Phi_{1211}\ \Phi_{173}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
91709	1392	210	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{210}^{7}\ \Phi_{105}^{7}\ \Phi_{70}^{7}\ \Phi_{42}^{7}\ \Phi_{35}^{7}\ \Phi_{30}^{6}\ \Phi_{21}^{7}\ \Phi_{15}^{6}\ \Phi_{14}^{7}\ \Phi_{10}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}$
91710	1392	819	$\frac{4}{91}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{819}^{2}\ \Phi_{273}^{2}\ \Phi_{117}^{2}\ \Phi_{63}\ \Phi_{39}^{2}\ \Phi_{21}$
91711	1392	2450	$\frac{1}{49}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{2450}\ \Phi_{490}\ \Phi_{350}\ \Phi_{245}\ \Phi_{98}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
91712	1392	450	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{4}{25}$	$\frac{21}{50}$	$\Phi_{450}^{6}\ \Phi_{225}\ \Phi_{150}^{6}\ \Phi_{90}^{6}\ \Phi_{75}\ \Phi_{45}\ \Phi_{30}^{6}\ \Phi_{18}^{6}\ \Phi_{15}\ \Phi_{6}^{6}$
91713	1392	1391	$\frac{41}{1391}$	$\frac{202}{1391}$	$\frac{225}{1391}$	$\frac{583}{1391}$	$\Phi_{1391}\ \Phi_{107}\ \Phi_{13}\ \Phi_{1}^{2}$
91714	1392	1745	$\frac{7}{349}$	$\frac{57}{349}$	$\frac{1}{5}$	$\frac{146}{349}$	Φ_{1745}
91715	1392	1391	$\frac{17}{1391}$	$\frac{229}{1391}$	$\frac{405}{1391}$	$\frac{581}{1391}$	$\Phi_{1391}\ \Phi_{107}\ \Phi_{13}\ \Phi_{1}^{2}$
91716	1392	2091	$\frac{7}{697}$	$\frac{115}{697}$	$\frac{1}{3}$	$\frac{291}{697}$	$\Phi_{2091}\ \Phi_{123}\ \Phi_{51}$
91717	1392	1764	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{441}\ \Phi_{294}\ \Phi_{252}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
91718	1392	1391	$\frac{14}{1391}$	$\frac{233}{1391}$	$\frac{459}{1391}$	$\frac{579}{1391}$	$\Phi_{1391}\ \Phi_{107}\ \Phi_{13}\ \Phi_{1}^{2}$
91719	1392	1496	$\frac{1}{88}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{374}\ \Phi_{187}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
91720	1392	195	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{37}{195}$	$\frac{79}{195}$	$\Phi_{195}^{6}\ \Phi_{65}^{6}\ \Phi_{39}^{12}\ \Phi_{15}^{6}\ \Phi_{13}^{11}\ \Phi_{5}^{6}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
91721	1392	585	$\frac{1}{117}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{585}^{2}\ \Phi_{195}^{2}\ \Phi_{117}^{4}\ \Phi_{65}^{2}\ \Phi_{45}^{2}\ \Phi_{39}^{4}\ \Phi_{15}\ \Phi_{13}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
91722	1392	940	$\frac{3}{235}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{940}^{2}\ \Phi_{470}^{2}\ \Phi_{188}^{2}\ \Phi_{94}^{2}\ \Phi_{20}\ \Phi_{10}$
91723	1392	385	$\frac{1}{77}$	$\frac{1}{5}$	$\frac{19}{77}$	$\frac{2}{5}$	$\Phi_{385}^{3}\ \Phi_{77}^{6}\ \Phi_{55}^{3}\ \Phi_{35}^{3}\ \Phi_{11}^{6}\ \Phi_{7}^{6}\ \Phi_{5}^{4}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
91724	1392	295	$\frac{1}{59}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{295}^{5}\ \Phi_{59}^{4}$
91725	1392	595	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{595}^{2}\ \Phi_{119}^{4}\ \Phi_{85}^{2}\ \Phi_{35}\ \Phi_{17}^{4}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
91726	1392	165	$\frac{1}{33}$	$\frac{4}{33}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{165}^{7}\ \Phi_{55}^{7}\ \Phi_{33}^{14}\ \Phi_{15}^{7}\ \Phi_{11}^{14}\ \Phi_{5}^{8}\ \Phi_{3}^{14}\ \Phi_{1}^{16}$
91727	1392	90	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{90}^{18}\ \Phi_{45}^{17}\ \Phi_{30}^{12}\ \Phi_{18}^{18}\ \Phi_{15}^{11}\ \Phi_{10}^{12}\ \Phi_{9}^{16}\ \Phi_{6}^{12}\ \Phi_{5}^{12}\ \Phi_{3}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
91728	1392	605	$\frac{5}{121}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{605}^{2}\ \Phi_{121}^{4}\ \Phi_{55}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
91729	1392	315	$\frac{1}{21}$	$\frac{5}{63}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{315}^{4}\ \Phi_{105}^{3}\ \Phi_{63}^{8}\ \Phi_{45}^{4}\ \Phi_{35}^{3}\ \Phi_{21}^{6}\ \Phi_{15}^{3}\ \Phi_{9}^{8}\ \Phi_{7}^{6}\ \Phi_{5}^{4}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
91730	1392	2352	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{294}\ \Phi_{147}\ \Phi_{112}\ \Phi_{98}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
91731	1392	1391	$\frac{29}{1391}$	$\frac{227}{1391}$	$\frac{291}{1391}$	$\frac{550}{1391}$	$\Phi_{1391}\ \Phi_{107}\ \Phi_{13}\ \Phi_{1}^{2}$
91732	1392	1470	$\frac{1}{30}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{294}\ \Phi_{245}\ \Phi_{210}\ \Phi_{147}\ \Phi_{105}\ \Phi_{98}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
91733	1392	117	$\frac{1}{117}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{117}^{12}\ \Phi_{39}^{12}\ \Phi_{13}^{11}\ \Phi_{9}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
91734	1392	91	$\frac{4}{91}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{91}^{16}\ \Phi_{13}^{11}\ \Phi_{7}^{16}\ \Phi_{1}^{12}$
91735	1392	1391	$\frac{43}{1391}$	$\frac{144}{1391}$	$\frac{337}{1391}$	$\frac{527}{1391}$	$\Phi_{1391}\ \Phi_{107}\ \Phi_{13}\ \Phi_{1}^{2}$
91736	1392	1260	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{17}{70}$	$\frac{53}{140}$	$\Phi_{1260}^{2}\ \Phi_{420}^{2}\ \Phi_{315}\ \Phi_{252}^{2}\ \Phi_{180}^{2}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{63}\ \Phi_{60}^{2}\ \Phi_{45}\ \Phi_{36}^{2}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}^{2}$
91737	1392	1631	$\frac{5}{233}$	$\frac{1}{7}$	$\frac{57}{233}$	$\frac{88}{233}$	Φ_{1631}
91738	1392	1391	$\frac{19}{1391}$	$\frac{289}{1391}$	$\frac{343}{1391}$	$\frac{524}{1391}$	$\Phi_{1391}\ \Phi_{107}\ \Phi_{13}\ \Phi_{1}^{2}$
91739	1392	372	$\frac{1}{93}$	$\frac{23}{93}$	$\frac{1}{4}$	$\frac{35}{93}$	$\Phi_{372}^{5}\ \Phi_{186}^{5}\ \Phi_{124}^{5}\ \Phi_{62}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
91740	1392	1391	$\frac{11}{1391}$	$\frac{345}{1391}$	$\frac{434}{1391}$	$\frac{523}{1391}$	$\Phi_{1391}\ \Phi_{107}\ \Phi_{13}\ \Phi_{1}^{2}$
91741	1392	2091	$\frac{5}{697}$	$\frac{173}{697}$	$\frac{1}{3}$	$\frac{262}{697}$	$\Phi_{2091}\ \Phi_{123}\ \Phi_{51}$
91742	1392	1391	$\frac{15}{1391}$	$\frac{344}{1391}$	$\frac{349}{1391}$	$\frac{521}{1391}$	$\Phi_{1391}\ \Phi_{107}\ \Phi_{13}\ \Phi_{1}^{2}$
91743	1392	1475	$\frac{1}{59}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1475}\ \Phi_{295}$
91744	1392	1391	$\frac{31}{1391}$	$\frac{170}{1391}$	$\frac{407}{1391}$	$\frac{492}{1391}$	$\Phi_{1391}\ \Phi_{107}\ \Phi_{13}\ \Phi_{1}^{2}$
91745	1392	1470	$\frac{1}{30}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{294}\ \Phi_{245}\ \Phi_{210}\ \Phi_{147}\ \Phi_{105}\ \Phi_{98}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
91746	1392	748	$\frac{1}{22}$	$\frac{1}{17}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{748}^{3}\ \Phi_{374}\ \Phi_{187}\ \Phi_{68}^{3}\ \Phi_{34}$
91747	1392	351	$\frac{4}{117}$	$\frac{1}{13}$	$\frac{113}{351}$	$\frac{119}{351}$	$\Phi_{351}^{3}\ \Phi_{117}^{6}\ \Phi_{39}^{6}\ \Phi_{27}^{3}\ \Phi_{13}^{5}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
91748	1392	1391	$\frac{44}{1391}$	$\frac{115}{1391}$	$\frac{449}{1391}$	$\frac{471}{1391}$	$\Phi_{1391}\ \Phi_{107}\ \Phi_{13}\ \Phi_{1}^{2}$
91749	1392	1575	$\frac{4}{175}$	$\frac{1}{9}$	$\frac{57}{175}$	$\frac{59}{175}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{105}\ \Phi_{75}\ \Phi_{63}\ \Phi_{45}\ \Phi_{21}\ \Phi_{15}$
91750	1392	1391	$\frac{20}{1391}$	$\frac{231}{1391}$	$\frac{457}{1391}$	$\frac{467}{1391}$	$\Phi_{1391}\ \Phi_{107}\ \Phi_{13}\ \Phi_{1}^{2}$
91751	1392	1745	$\frac{4}{349}$	$\frac{1}{5}$	$\frac{115}{349}$	$\frac{117}{349}$	Φ_{1745}
91752	1392	1391	$\frac{8}{1391}$	$\frac{461}{1391}$	$\frac{463}{1391}$	$\frac{465}{1391}$	$\Phi_{1391}\ \Phi_{107}\ \Phi_{13}\ \Phi_{1}^{2}$
91753	1392	2091	$\frac{4}{697}$	$\frac{231}{697}$	$\frac{1}{3}$	$\frac{233}{697}$	$\Phi_{2091}\ \Phi_{123}\ \Phi_{51}$
91754	1392	525	$\frac{1}{175}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{525}^{3}\ \Phi_{175}^{2}\ \Phi_{105}^{3}\ \Phi_{75}^{3}\ \Phi_{35}^{2}\ \Phi_{25}^{2}\ \Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{2}$
91755	1392	1041	$\frac{2}{347}$	$\frac{115}{347}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1041}\ \Phi_{347}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
91756	1392	468	$\frac{1}{117}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{468}^{4}\ \Phi_{234}^{4}\ \Phi_{156}^{4}\ \Phi_{78}^{4}\ \Phi_{52}^{4}\ \Phi_{36}^{4}\ \Phi_{26}^{4}\ \Phi_{18}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
91757	1392	1041	$\frac{3}{347}$	$\frac{86}{347}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1041}\ \Phi_{347}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
91758	1392	1320	$\frac{1}{88}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}^{2}\ \Phi_{330}\ \Phi_{220}^{2}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}^{2}\ \Phi_{60}\ \Phi_{55}^{2}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
91759	1392	1041	$\frac{5}{347}$	$\frac{57}{347}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1041}\ \Phi_{347}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
91760	1392	1239	$\frac{1}{59}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1239}\ \Phi_{413}^{2}$
91761	1392	1041	$\frac{11}{347}$	$\frac{28}{347}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1041}\ \Phi_{347}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
91762	1392	390	$\frac{1}{30}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{65}^4\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{13}^2$
91763	1392	2772	$\frac{2}{231}$	$\frac{1}{4}$	$\frac{229}{693}$	$\frac{1}{3}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{126}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
91764	1392	2595	$\frac{2}{173}$	$\frac{1}{5}$	$\frac{57}{173}$	$\frac{1}{3}$	$\Phi_{2595}\ \Phi_{15}^2$
91765	1392	2091	$\frac{10}{697}$	$\frac{117}{697}$	$\frac{229}{697}$	$\frac{1}{3}$	$\Phi_{2091}\ \Phi_{123}\ \Phi_{51}$
91766	1392	387	$\frac{1}{43}$	$\frac{1}{9}$	$\frac{14}{43}$	$\frac{1}{3}$	$\Phi_{387}^4\ \Phi_{129}^2\ \Phi_{43}^4\ \Phi_9^6\ \Phi_3^3\ \Phi_1^6$
91767	1392	2091	$\frac{22}{697}$	$\frac{59}{697}$	$\frac{225}{697}$	$\frac{1}{3}$	$\Phi_{2091}\ \Phi_{123}\ \Phi_{51}$
91768	1392	2223	$\frac{2}{57}$	$\frac{1}{13}$	$\frac{55}{171}$	$\frac{1}{3}$	$\Phi_{2223}\ \Phi_{117}\ \Phi_{39}$
91769	1392	255	$\frac{4}{85}$	$\frac{1}{17}$	$\frac{27}{85}$	$\frac{1}{3}$	$\Phi_{255}^8\ \Phi_{51}^9\ \Phi_{15}^8\ \Phi_3^8$
91770	1392	123	$\frac{2}{41}$	$\frac{7}{123}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{123}^{11}\ \Phi_{41}^{12}\ \Phi_3^{10}\ \Phi_1^{12}$
91771	1392	1050	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}^2\ \Phi_{210}\ \Phi_{175}^2\ \Phi_{150}\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
91772	1392	690	$\frac{1}{30}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{115}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{30}^4\ \Phi_{23}^2\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
91773	1392	357	$\frac{3}{119}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{357}^6\ \Phi_{51}^5\ \Phi_{21}^6\ \Phi_3^4$
91774	1392	123	$\frac{1}{41}$	$\frac{5}{41}$	$\frac{12}{41}$	$\frac{1}{3}$	$\Phi_{123}^{17}\ \Phi_3^{16}$
91775	1392	1947	$\frac{1}{59}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{1947}\ \Phi_{177}^2$
91776	1392	2091	$\frac{9}{697}$	$\frac{172}{697}$	$\frac{175}{697}$	$\frac{1}{3}$	$\Phi_{2091}\ \Phi_{123}\ \Phi_{51}$
91777	1392	924	$\frac{1}{77}$	$\frac{19}{77}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^3\ \Phi_{462}^3\ \Phi_{132}^3\ \Phi_{84}^3\ \Phi_{66}^3\ \Phi_{42}^3\ \Phi_{12}^4\ \Phi_6^4$
91778	1392	3540	$\frac{1}{59}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3540}\ \Phi_{1770}$
91779	1392	1428	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1428}^2\ \Phi_{714}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_6^2$
91780	1392	132	$\frac{1}{33}$	$\frac{4}{33}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^{14}\ \Phi_{66}^{14}\ \Phi_{44}^{14}\ \Phi_{22}^{14}\ \Phi_{12}^{15}\ \Phi_6^{15}\ \Phi_4^{14}\ \Phi_2^{14}$
91781	1392	180	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^{12}\ \Phi_{90}^6\ \Phi_{60}^8\ \Phi_{45}^6\ \Phi_{36}^{10}\ \Phi_{30}^4\ \Phi_{20}^8\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^7\ \Phi_{10}^4\ \Phi_9^6\ \Phi_6^3\ \Phi_5^4\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
91782	1392	1932	$\frac{19}{483}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{322}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{46}\ \Phi_{12}\ \Phi_6$
91783	1392	2400	$\frac{1}{25}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{75}\ \Phi_{15}$
91784	1392	1452	$\frac{5}{121}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1452}^2\ \Phi_{726}^2\ \Phi_{132}\ \Phi_{66}\ \Phi_{12}^2\ \Phi_6^2$
91785	1392	252	$\frac{1}{21}$	$\frac{5}{63}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^8\ \Phi_{126}^8\ \Phi_{84}^6\ \Phi_{42}^6\ \Phi_{36}^8\ \Phi_{28}^6\ \Phi_{18}^8\ \Phi_{14}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
91786	1392	1980	$\frac{2}{33}$	$\frac{31}{495}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{110}\ \Phi_{90}\ \Phi_{60}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
91787	1392	615	$\frac{1}{41}$	$\frac{31}{205}$	$\frac{10}{41}$	$\frac{1}{3}$	$\Phi_{615}^4\ \Phi_{123}\ \Phi_{15}^4$
91788	1392	2415	$\frac{3}{115}$	$\frac{1}{7}$	$\frac{28}{115}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{105}\ \Phi_{21}^2$
91789	1392	2091	$\frac{21}{697}$	$\frac{88}{697}$	$\frac{169}{697}$	$\frac{1}{3}$	$\Phi_{2091}\ \Phi_{123}\ \Phi_{51}$
91790	1392	1482	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{9}{38}$	$\frac{1}{3}$	$\Phi_{1482}^2\ \Phi_{741}\ \Phi_{78}^2\ \Phi_{39}^2$
91791	1392	561	$\frac{1}{17}$	$\frac{13}{187}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{561}^4\ \Phi_{51}\ \Phi_{33}^4$
91792	1392	1764	$\frac{1}{49}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
91793	1392	690	$\frac{1}{30}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{115}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{30}^4\ \Phi_{23}^2\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
91794	1392	2091	$\frac{19}{697}$	$\frac{113}{697}$	$\frac{146}{697}$	$\frac{1}{3}$	$\Phi_{2091}\ \Phi_{123}\ \Phi_{51}$
91795	1392	2595	$\frac{5}{173}$	$\frac{28}{173}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2595}\ \Phi_{15}^2$
91796	1392	210	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^8\ \Phi_{105}^7\ \Phi_{70}^8\ \Phi_{42}^8\ \Phi_{35}^8\ \Phi_{21}^8\ \Phi_{14}^8\ \Phi_7^8$
91797	1392	255	$\frac{1}{17}$	$\frac{23}{255}$	$\frac{16}{85}$	$\frac{1}{3}$	$\Phi_{255}^5\ \Phi_{85}^6\ \Phi_{51}^6\ \Phi_{17}^6\ \Phi_{15}^5\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
91798	1392	1275	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{77}{425}$	$\frac{1}{3}$	$\Phi_{1275}^2\ \Phi_{75}^2\ \Phi_{51}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
91799	1392	525	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{525}^{4}\ \Phi_{105}^{3}\ \Phi_{75}^{5}\ \Phi_{21}^{4}\ \Phi_{15}^{4}\ \Phi_{3}^{4}$
91800	1392	483	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{11}{69}$	$\frac{1}{3}$	$\Phi_{483}^{3}\ \Phi_{161}^{4}\ \Phi_{21}^{4}\ \Phi_{7}^{4}$
91801	1392	102	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{5}{34}$	$\frac{1}{3}$	$\Phi_{102}^{24}\ \Phi_{51}^{17}\ \Phi_{6}^{24}\ \Phi_{3}^{16}$
91802	1392	123	$\frac{7}{123}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{3}$	$\Phi_{123}^{11}\ \Phi_{41}^{12}\ \Phi_{3}^{10}\ \Phi_{1}^{12}$
91803	1392	1380	$\frac{2}{115}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{113}{345}$	$\Phi_{1380}^{2}\ \Phi_{690}^{2}\ \Phi_{276}^{2}\ \Phi_{138}^{2}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}^{2}$
91804	1392	215	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{14}{43}$	$\Phi_{215}^{6}\ \Phi_{43}^{8}\ \Phi_{5}^{9}\ \Phi_{1}^{12}$
91805	1392	1391	$\frac{38}{1391}$	$\frac{235}{1391}$	$\frac{289}{1391}$	$\frac{451}{1391}$	$\Phi_{1391}\ \Phi_{107}\ \Phi_{13}\ \Phi_{1}^{2}$
91806	1392	1745	$\frac{10}{349}$	$\frac{59}{349}$	$\frac{1}{5}$	$\frac{113}{349}$	Φ_{1745}
91807	1392	225	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{17}{75}$	$\frac{8}{25}$	$\Phi_{225}^{7}\ \Phi_{75}^{4}\ \Phi_{45}^{7}\ \Phi_{25}^{6}\ \Phi_{15}^{4}\ \Phi_{9}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
91808	1392	1974	$\frac{2}{47}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{15}{47}$	$\Phi_{1974}\ \Phi_{987}\ \Phi_{282}\ \Phi_{141}\ \Phi_{47}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
91809	1392	1504	$\frac{2}{47}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{15}{47}$	$\Phi_{1504}\ \Phi_{752}\ \Phi_{376}\ \Phi_{47}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
91810	1392	1645	$\frac{2}{47}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{15}{47}$	$\Phi_{1645}\ \Phi_{235}\ \Phi_{47}\ \Phi_{35}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
91811	1392	765	$\frac{4}{85}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{27}{85}$	$\Phi_{765}^{2}\ \Phi_{255}^{2}\ \Phi_{153}^{2}\ \Phi_{51}^{2}\ \Phi_{45}^{3}\ \Phi_{15}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{2}$
91812	1392	169	$\frac{10}{169}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{53}{169}$	$\Phi_{169}^{8}\ \Phi_{13}^{11}\ \Phi_{1}^{12}$
91813	1392	2700	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{211}{675}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{540}\ \Phi_{270}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
91814	1392	1980	$\frac{31}{495}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
91815	1392	1428	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{1428}^{2}\ \Phi_{714}\ \Phi_{357}\ \Phi_{204}^{2}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
91816	1392	1974	$\frac{3}{47}$	$\frac{1}{14}$	$\frac{11}{47}$	$\frac{13}{42}$	$\Phi_{1974}\ \Phi_{987}\ \Phi_{282}\ \Phi_{141}\ \Phi_{47}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
91817	1392	2730	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{390}\ \Phi_{195}\ \Phi_{65}$
91818	1392	1974	$\frac{1}{14}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{13}{42}$	$\Phi_{1974}\ \Phi_{987}\ \Phi_{282}\ \Phi_{141}\ \Phi_{47}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
91819	1392	126	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{13}{42}$	$\Phi_{126}^{12}\ \Phi_{63}^{13}\ \Phi_{42}^{6}\ \Phi_{21}^{7}\ \Phi_{18}^{12}\ \Phi_{14}^{12}\ \Phi_{9}^{12}\ \Phi_{7}^{12}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
91820	1392	273	$\frac{1}{13}$	$\frac{9}{91}$	$\frac{41}{273}$	$\frac{4}{13}$	$\Phi_{273}^{6}\ \Phi_{91}^{3}\ \Phi_{39}^{6}\ \Phi_{21}^{6}\ \Phi_{13}^{5}\ \Phi_{7}^{3}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
91821	1392	65	$\frac{1}{13}$	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{4}{13}$	$\Phi_{65}^{21}\ \Phi_{13}^{23}\ \Phi_{5}^{21}\ \Phi_{1}^{24}$
91822	1392	874	$\frac{1}{19}$	$\frac{2}{23}$	$\frac{9}{38}$	$\frac{7}{23}$	$\Phi_{874}^{2}\ \Phi_{437}\ \Phi_{46}^{2}\ \Phi_{38}^{4}\ \Phi_{23}^{2}\ \Phi_{19}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
91823	1392	1755	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{19}{135}$	$\frac{8}{27}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{195}\ \Phi_{117}\ \Phi_{65}\ \Phi_{39}$
91824	1392	2604	$\frac{1}{31}$	$\frac{30}{217}$	$\frac{1}{4}$	$\frac{187}{651}$	$\Phi_{2604}\ \Phi_{1302}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{84}\ \Phi_{62}\ \Phi_{42}\ \Phi_{12}\ \Phi_{6}$
91825	1392	210	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{210}^{7}\ \Phi_{105}^{7}\ \Phi_{70}^{7}\ \Phi_{42}^{7}\ \Phi_{35}^{7}\ \Phi_{30}^{6}\ \Phi_{21}^{4}\ \Phi_{15}^{6}\ \Phi_{14}^{7}\ \Phi_{10}^{6}\ \Phi_{7}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
91826	1392	63	$\frac{5}{63}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{63}^{22}\ \Phi_{21}^{22}\ \Phi_{9}^{21}\ \Phi_{7}^{24}\ \Phi_{3}^{21}\ \Phi_{1}^{24}$
91827	1392	1053	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{81}$	$\Phi_{1053}^{2}\ \Phi_{117}\ \Phi_{39}$
91828	1392	321	$\frac{5}{107}$	$\frac{17}{107}$	$\frac{18}{107}$	$\frac{89}{321}$	$\Phi_{321}^{6}\ \Phi_{107}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
91829	1392	680	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{680}^{2}\ \Phi_{340}^{2}\ \Phi_{170}^{2}\ \Phi_{136}^{3}\ \Phi_{85}^{2}\ \Phi_{68}^{3}\ \Phi_{34}^{3}\ \Phi_{17}^{2}$
91830	1392	1265	$\frac{3}{115}$	$\frac{2}{11}$	$\frac{28}{115}$	$\frac{3}{11}$	$\Phi_{1265}\ \Phi_{253}\ \Phi_{115}^{2}\ \Phi_{55}\ \Phi_{23}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
91831	1392	330	$\frac{1}{30}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{330}^{4}\ \Phi_{165}^{4}\ \Phi_{110}^{4}\ \Phi_{66}^{4}\ \Phi_{55}^{3}\ \Phi_{33}^{4}\ \Phi_{30}^{8}\ \Phi_{22}^{4}\ \Phi_{15}^{8}\ \Phi_{11}^{4}\ \Phi_{10}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
91832	1392	759	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{759}^{2}\ \Phi_{253}\ \Phi_{69}^{4}\ \Phi_{33}^{2}\ \Phi_{23}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
91833	1392	1391	$\frac{35}{1391}$	$\frac{263}{1391}$	$\frac{339}{1391}$	$\frac{376}{1391}$	$\Phi_{1391}\ \Phi_{107}\ \Phi_{13}\ \Phi_{1}^{2}$
91834	1392	1470	$\frac{1}{30}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{294}\ \Phi_{245}\ \Phi_{210}\ \Phi_{147}\ \Phi_{105}\ \Phi_{98}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
91835	1392	39	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{10}{39}$	$\Phi_{39}^{48}\ \Phi_{13}^{11}\ \Phi_{3}^{48}\ \Phi_{1}^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
91836	1392	107	$\frac{3}{107}$	$\frac{20}{107}$	$\frac{26}{107}$	$\frac{27}{107}$	$\Phi_{107}^{13}\ \Phi_{1}^{14}$
91837	1392	1745	$\frac{9}{349}$	$\frac{1}{5}$	$\frac{85}{349}$	$\frac{88}{349}$	Φ_{1745}
91838	1392	544	$\frac{1}{17}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{544}^{3}\ \Phi_{272}^{3}\ \Phi_{136}^{3}\ \Phi_{68}\ \Phi_{34}$
91839	1392	460	$\frac{3}{115}$	$\frac{1}{5}$	$\frac{28}{115}$	$\frac{1}{4}$	$\Phi_{460}^{4}\ \Phi_{230}^{4}\ \Phi_{92}^{4}\ \Phi_{46}^{4}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
91840	1392	1860	$\frac{13}{465}$	$\frac{88}{465}$	$\frac{113}{465}$	$\frac{1}{4}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{372}\ \Phi_{310}\ \Phi_{186}\ \Phi_{124}\ \Phi_{62}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
91841	1392	684	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{9}{38}$	$\frac{1}{4}$	$\Phi_{684}^{3}\ \Phi_{342}\ \Phi_{228}^{3}\ \Phi_{171}^{2}\ \Phi_{114}\ \Phi_{57}^{2}\ \Phi_{36}^{4}\ \Phi_{18}^{2}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
91842	1392	1504	$\frac{3}{47}$	$\frac{3}{32}$	$\frac{11}{47}$	$\frac{1}{4}$	$\Phi_{1504}\ \Phi_{752}\ \Phi_{376}\ \Phi_{47}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
91843	1392	300	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{17}{75}$	$\frac{1}{4}$	$\Phi_{300}^{6}\ \Phi_{150}^{6}\ \Phi_{100}^{6}\ \Phi_{60}^{7}\ \Phi_{50}^{6}\ \Phi_{30}^{7}\ \Phi_{20}^{7}\ \Phi_{12}^{7}\ \Phi_{10}^{7}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
91844	1392	124	$\frac{2}{31}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{4}$	$\Phi_{124}^{15}\ \Phi_{62}^{15}\ \Phi_{4}^{14}\ \Phi_{2}^{14}$
91845	1392	1904	$\frac{1}{17}$	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
91846	1392	60	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{60}^{32}\ \Phi_{30}^{16}\ \Phi_{20}^{29}\ \Phi_{15}^{16}\ \Phi_{12}^{32}\ \Phi_{10}^{13}\ \Phi_{6}^{16}\ \Phi_{5}^{16}\ \Phi_{4}^{28}\ \Phi_{3}^{16}\ \Phi_{2}^{12}\ \Phi_{1}^{16}$
91847	1392	2300	$\frac{4}{115}$	$\frac{111}{575}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2300}\ \Phi_{1150}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
91848	1392	1380	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1380}^{2}\ \Phi_{690}^{2}\ \Phi_{460}\ \Phi_{230}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
91849	1392	2080	$\frac{1}{13}$	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{65}$
91850	1392	2100	$\frac{1}{15}$	$\frac{61}{525}$	$\frac{14}{75}$	$\frac{1}{4}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{140}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
91851	1392	2380	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{340}\ \Phi_{170}\ \Phi_{68}\ \Phi_{34}$
91852	1392	540	$\frac{1}{15}$	$\frac{19}{135}$	$\frac{7}{45}$	$\frac{1}{4}$	$\Phi_{540}^{4}\ \Phi_{270}^{4}\ \Phi_{180}^{2}\ \Phi_{108}^{4}\ \Phi_{90}^{2}\ \Phi_{60}^{3}\ \Phi_{54}^{4}\ \Phi_{36}^{2}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
91853	1392	1504	$\frac{3}{32}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{4}$	$\Phi_{1504}\ \Phi_{752}\ \Phi_{376}\ \Phi_{47}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
91854	1392	2016	$\frac{3}{32}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{63}\ \Phi_{21}$
91855	1392	874	$\frac{1}{19}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{9}{38}$	$\Phi_{874}^{2}\ \Phi_{437}\ \Phi_{46}^{2}\ \Phi_{38}^{4}\ \Phi_{23}^{2}\ \Phi_{19}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
91856	1392	1330	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{9}{38}$	$\Phi_{1330}^{2}\ \Phi_{665}\ \Phi_{70}^{2}\ \Phi_{35}^{2}$
91857	1392	1645	$\frac{3}{47}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{11}{47}$	$\Phi_{1645}\ \Phi_{235}\ \Phi_{47}\ \Phi_{35}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
91858	1392	1008	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{25}{112}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{144}^{2}\ \Phi_{72}^{2}\ \Phi_{63}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{21}$
91859	1392	468	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{7}{36}$	$\frac{2}{9}$	$\Phi_{468}^{4}\ \Phi_{234}^{4}\ \Phi_{156}^{4}\ \Phi_{117}\ \Phi_{78}^{4}\ \Phi_{52}^{4}\ \Phi_{39}\ \Phi_{26}^{4}$
91860	1392	882	$\frac{1}{9}$	$\frac{11}{98}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{882}^{2}\ \Phi_{441}^{2}\ \Phi_{294}^{2}\ \Phi_{147}^{2}\ \Phi_{63}\ \Phi_{21}$
91861	1392	455	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{455}^{3}\ \Phi_{91}^{4}\ \Phi_{65}^{4}\ \Phi_{13}^{4}$
91862	1392	1645	$\frac{5}{47}$	$\frac{1}{7}$	$\frac{7}{47}$	$\frac{6}{35}$	$\Phi_{1645}\ \Phi_{235}\ \Phi_{47}\ \Phi_{35}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
91863	1392	315	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{63}\ \Phi_{45}^{6}\ \Phi_{21}\ \Phi_{15}^{6}$
91864	1393	1860	$\frac{2}{465}$	$\frac{467}{1860}$	$\frac{1}{3}$	$\frac{463}{930}$	$\Phi_{1860}\ \Phi_{620}\ \Phi_{465}\ \Phi_{372}\ \Phi_{155}\ \Phi_{124}\ \Phi_{93}\ \Phi_{60}\ \Phi_{31}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
91865	1393	396	$\frac{1}{198}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{197}{396}$	$\Phi_{396}\ \Phi_{198}^{6}\ \Phi_{132}\ \Phi_{99}^{6}\ \Phi_{66}^{6}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}^{6}\ \Phi_{22}^{6}\ \Phi_{18}^{6}\ \Phi_{12}^{2}\ \Phi_{11}^{6}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
91866	1393	396	$\frac{1}{198}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{197}{396}$	$\Phi_{396}^{7}\ \Phi_{132}^{7}\ \Phi_{44}^{7}\ \Phi_{36}^{7}\ \Phi_{12}^{7}\ \Phi_{9}\ \Phi_{4}^{7}\ \Phi_{1}$
91867	1393	1674	$\frac{2}{279}$	$\frac{281}{1674}$	$\frac{1}{3}$	$\frac{277}{558}$	$\Phi_{1674}\ \Phi_{837}\ \Phi_{279}\ \Phi_{93}\ \Phi_{54}\ \Phi_{31}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
91868	1393	2760	$\frac{13}{1380}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1367}{2760}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{184}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
91869	1393	2752	$\frac{17}{1376}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{1359}{2752}$	$\Phi_{2752}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
91870	1393	392	$\frac{3}{196}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{193}{392}$	$\Phi_{392}^{3}\ \Phi_{196}^{4}\ \Phi_{98}^{4}\ \Phi_{56}^{3}\ \Phi_{49}^{4}\ \Phi_{28}^{4}\ \Phi_{14}^{4}\ \Phi_{8}^{6}\ \Phi_{7}^{4}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
91871	1393	2736	$\frac{25}{1368}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1343}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
91872	1393	1560	$\frac{4}{195}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{191}{390}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}^2\ \Phi_{39}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
91873	1393	384	$\frac{1}{48}$	$\frac{7}{192}$	$\frac{185}{384}$	$\frac{47}{96}$	$\Phi_{384}^7\ \Phi_{128}^7\ \Phi_{96}\ \Phi_{32}\ \Phi_1$
91874	1393	288	$\frac{1}{48}$	$\frac{7}{96}$	$\frac{89}{288}$	$\frac{47}{96}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}\ \Phi_{72}^7\ \Phi_{36}^7\ \Phi_{32}\ \Phi_{18}^7\ \Phi_9^7\ \Phi_1$
91875	1393	1536	$\frac{1}{48}$	$\frac{143}{1536}$	$\frac{49}{192}$	$\frac{47}{96}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{96}\ \Phi_{32}\ \Phi_1$
91876	1393	1488	$\frac{2}{93}$	$\frac{95}{1488}$	$\frac{1}{3}$	$\frac{91}{186}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}\ \Phi_{372}\ \Phi_{248}\ \Phi_{124}\ \Phi_{93}\ \Phi_{48}\ \Phi_{31}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
91877	1393	1872	$\frac{11}{468}$	$\frac{1}{12}$	$\frac{479}{1872}$	$\frac{457}{936}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{16}\ \Phi_{13}\ \Phi_9\ \Phi_1$
91878	1393	2720	$\frac{33}{1360}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1327}{2720}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
91879	1393	240	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{41}{240}$	$\frac{39}{80}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{60}^7\ \Phi_{48}^7\ \Phi_{40}^7\ \Phi_{30}^7\ \Phi_{24}^7\ \Phi_{20}^7\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_5^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
91880	1393	2700	$\frac{43}{1350}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{1307}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{180}\ \Phi_{108}\ \Phi_{100}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
91881	1393	1600	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{207}{1600}$	$\frac{193}{400}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
91882	1393	384	$\frac{7}{192}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{185}{384}$	$\Phi_{384}^7\ \Phi_{128}^7\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
91883	1393	384	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{185}{384}$	$\Phi_{384}^7\ \Phi_{128}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
91884	1393	1440	$\frac{47}{1440}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
91885	1393	760	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{181}{380}$	$\Phi_{760}^2\ \Phi_{380}\ \Phi_{190}^2\ \Phi_{152}^2\ \Phi_{95}^2\ \Phi_{76}\ \Phi_{40}^4\ \Phi_{38}^2\ \Phi_{20}^3\ \Phi_{19}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
91886	1393	372	$\frac{2}{93}$	$\frac{13}{186}$	$\frac{1}{3}$	$\frac{173}{372}$	$\Phi_{372}^7\ \Phi_{124}^7\ \Phi_{93}\ \Phi_{31}\ \Phi_{12}^7\ \Phi_4^7\ \Phi_1$
91887	1393	1560	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{167}{1560}$	$\frac{145}{312}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{120}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_1$
91888	1393	2592	$\frac{1}{48}$	$\frac{97}{1296}$	$\frac{47}{144}$	$\frac{1199}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
91889	1393	2592	$\frac{97}{1296}$	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1199}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
91890	1393	2560	$\frac{1}{16}$	$\frac{113}{1280}$	$\frac{15}{128}$	$\frac{1167}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
91891	1393	1920	$\frac{1}{48}$	$\frac{47}{480}$	$\frac{527}{1920}$	$\frac{433}{960}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
91892	1393	216	$\frac{17}{216}$	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{216}$	$\Phi_{216}^6\ \Phi_{108}^7\ \Phi_{72}^6\ \Phi_{54}^7\ \Phi_{36}^7\ \Phi_{27}^7\ \Phi_{24}^6\ \Phi_{18}^7\ \Phi_{12}^6\ \Phi_9^7\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
91893	1393	360	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{1}{8}$	$\frac{161}{360}$	$\Phi_{360}^3\ \Phi_{180}^4\ \Phi_{120}^3\ \Phi_{90}^4\ \Phi_{72}^3\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{40}^7\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^7\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^7\ \Phi_9^4\ \Phi_8^6\ \Phi_6^4\ \Phi_5^7\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
91894	1393	2496	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{145}{1248}$	$\frac{1103}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{192}\ \Phi_{156}\ \Phi_{78}\ \Phi_{64}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
91895	1393	1536	$\frac{1}{16}$	$\frac{143}{1536}$	$\frac{15}{128}$	$\frac{113}{256}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
91896	1393	208	$\frac{9}{208}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{208}^7\ \Phi_{104}^7\ \Phi_{52}^7\ \Phi_{26}^7\ \Phi_{13}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
91897	1393	352	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{23}{176}$	$\frac{153}{352}$	$\Phi_{352}^7\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}^7\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
91898	1393	1410	$\frac{17}{1410}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{470}\ \Phi_{282}\ \Phi_{235}\ \Phi_{141}\ \Phi_{94}\ \Phi_{47}\ \Phi_{15}\ \Phi_5\ \Phi_1$
91899	1393	1400	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{24}{175}$	$\frac{151}{350}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{280}\ \Phi_{200}^2\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}^2\ \Phi_{56}\ \Phi_{50}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
91900	1393	232	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{33}{232}$	$\frac{25}{58}$	$\Phi_{232}^7\ \Phi_{116}^7\ \Phi_{29}^6\ \Phi_8^7\ \Phi_4^7\ \Phi_1^7$
91901	1393	348	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{25}{174}$	$\frac{149}{348}$	$\Phi_{348}^7\ \Phi_{116}^7\ \Phi_{29}^6\ \Phi_{12}^7\ \Phi_4^7\ \Phi_1^7$
91902	1393	2400	$\frac{1}{48}$	$\frac{193}{1200}$	$\frac{47}{240}$	$\frac{1007}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
91903	1393	2400	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{193}{1200}$	$\frac{1007}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{96}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
91904	1393	1728	$\frac{1}{48}$	$\frac{47}{288}$	$\frac{335}{1728}$	$\frac{241}{576}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
91905	1393	804	$\frac{2}{201}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{804}^{3}\ \Phi_{268}^{3}\ \Phi_{201}\ \Phi_{67}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
91906	1393	1188	$\frac{1}{99}$	$\frac{1}{6}$	$\frac{98}{297}$	$\frac{5}{12}$	$\Phi_{1188}^{3}\ \Phi_{297}\ \Phi_{108}^{3}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
91907	1393	264	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{65}{264}$	$\frac{5}{12}$	$\Phi_{264}^{7}\ \Phi_{132}\ \Phi_{88}^{7}\ \Phi_{66}^{6}\ \Phi_{44}\ \Phi_{33}^{6}\ \Phi_{24}^{7}\ \Phi_{22}^{6}\ \Phi_{12}^{2}\ \Phi_{11}^{6}\ \Phi_{8}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
91908	1393	204	$\frac{5}{204}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{204}^{7}\ \Phi_{102}^{7}\ \Phi_{68}^{7}\ \Phi_{51}^{7}\ \Phi_{34}^{7}\ \Phi_{17}^{7}\ \Phi_{12}^{2}\ \Phi_{6}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
91909	1393	924	$\frac{1}{33}$	$\frac{32}{231}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{924}^{3}\ \Phi_{308}^{3}\ \Phi_{231}\ \Phi_{84}^{3}\ \Phi_{77}\ \Phi_{28}^{3}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
91910	1393	828	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{828}^{3}\ \Phi_{276}^{3}\ \Phi_{207}\ \Phi_{92}^{3}\ \Phi_{69}\ \Phi_{23}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
91911	1393	660	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{3}\ \Phi_{165}^{2}\ \Phi_{110}^{3}\ \Phi_{66}^{2}\ \Phi_{60}^{2}\ \Phi_{55}^{3}\ \Phi_{44}\ \Phi_{33}^{2}\ \Phi_{30}^{2}\ \Phi_{22}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{11}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
91912	1393	2508	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{228}\ \Phi_{209}\ \Phi_{76}\ \Phi_{19}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
91913	1393	216	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{216}^{7}\ \Phi_{108}^{7}\ \Phi_{72}^{7}\ \Phi_{54}^{7}\ \Phi_{36}\ \Phi_{27}^{7}\ \Phi_{24}^{7}\ \Phi_{18}^{6}\ \Phi_{12}^{2}\ \Phi_{9}^{6}\ \Phi_{8}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
91914	1393	1440	$\frac{47}{1440}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
91915	1393	1740	$\frac{1}{58}$	$\frac{57}{290}$	$\frac{347}{1740}$	$\frac{233}{580}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{348}\ \Phi_{290}\ \Phi_{174}\ \Phi_{145}\ \Phi_{87}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
91916	1393	2320	$\frac{1}{58}$	$\frac{57}{290}$	$\frac{233}{1160}$	$\frac{927}{2320}$	$\Phi_{2320}\ \Phi_{464}\ \Phi_{290}\ \Phi_{145}\ \Phi_{80}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
91917	1393	2304	$\frac{1}{48}$	$\frac{47}{288}$	$\frac{241}{1152}$	$\frac{911}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
91918	1393	1404	$\frac{11}{1404}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{108}\ \Phi_{78}\ \Phi_{54}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
91919	1393	320	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{39}{160}$	$\frac{121}{320}$	$\Phi_{320}^{7}\ \Phi_{64}^{7}\ \Phi_{40}^{7}\ \Phi_{20}^{7}\ \Phi_{10}^{7}\ \Phi_{8}^{6}\ \Phi_{5}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
91920	1393	2232	$\frac{2}{279}$	$\frac{277}{1116}$	$\frac{1}{3}$	$\frac{839}{2232}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{279}\ \Phi_{248}\ \Phi_{93}\ \Phi_{72}\ \Phi_{31}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
91921	1393	1440	$\frac{47}{1440}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
91922	1393	2112	$\frac{15}{352}$	$\frac{1}{16}$	$\frac{337}{1056}$	$\frac{719}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{176}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
91923	1393	600	$\frac{1}{50}$	$\frac{1}{8}$	$\frac{49}{150}$	$\frac{101}{300}$	$\Phi_{600}^{2}\ \Phi_{300}\ \Phi_{200}^{4}\ \Phi_{150}^{2}\ \Phi_{120}^{2}\ \Phi_{100}^{3}\ \Phi_{75}^{2}\ \Phi_{60}\ \Phi_{50}^{3}\ \Phi_{40}^{4}\ \Phi_{30}^{2}\ \Phi_{25}^{3}\ \Phi_{24}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
91924	1393	2088	$\frac{1}{174}$	$\frac{173}{522}$	$\frac{695}{2088}$	$\frac{349}{1044}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{522}\ \Phi_{261}\ \Phi_{232}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
91925	1393	603	$\frac{2}{201}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{603}^{3}\ \Phi_{201}\ \Phi_{67}\ \Phi_{9}\ \Phi_{1}$
91926	1393	297	$\frac{1}{99}$	$\frac{2}{9}$	$\frac{98}{297}$	$\frac{1}{3}$	$\Phi_{297}^{7}\ \Phi_{27}^{7}\ \Phi_{9}\ \Phi_{1}$
91927	1393	2070	$\frac{13}{690}$	$\frac{2}{15}$	$\frac{677}{2070}$	$\frac{1}{3}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{414}\ \Phi_{207}\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
91928	1393	1485	$\frac{2}{45}$	$\frac{92}{1485}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
91929	1393	2025	$\frac{2}{45}$	$\frac{43}{675}$	$\frac{632}{2025}$	$\frac{1}{3}$	$\Phi_{2025}\ \Phi_{405}\ \Phi_{81}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
91930	1393	279	$\frac{2}{93}$	$\frac{13}{93}$	$\frac{80}{279}$	$\frac{1}{3}$	$\Phi_{279}^{7}\ \Phi_{93}\ \Phi_{31}\ \Phi_{9}^{7}\ \Phi_{1}$
91931	1393	792	$\frac{1}{66}$	$\frac{2}{9}$	$\frac{65}{264}$	$\frac{1}{3}$	$\Phi_{792}^{3}\ \Phi_{396}^{3}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{72}^{3}\ \Phi_{44}\ \Phi_{36}^{3}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
91932	1393	1800	$\frac{2}{45}$	$\frac{43}{450}$	$\frac{407}{1800}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
91933	1393	612	$\frac{5}{204}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{612}^{3}\ \Phi_{306}^{3}\ \Phi_{204}\ \Phi_{153}^{3}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}^{3}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
91934	1393	693	$\frac{1}{33}$	$\frac{32}{231}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{693}^{3}\ \Phi_{231}\ \Phi_{77}\ \Phi_{63}^{3}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
91935	1393	1584	$\frac{7}{198}$	$\frac{191}{1584}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{88}\ \Phi_{72}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
91936	1393	207	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{207}^7\ \Phi_{69}^7\ \Phi_{23}^7\ \Phi_9\ \Phi_1$
91937	1393	1980	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{110}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{20}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
91938	1393	1881	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1881}\ \Phi_{209}\ \Phi_{171}\ \Phi_{19}\ \Phi_9\ \Phi_1$
91939	1393	216	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{216}^7\ \Phi_{108}^7\ \Phi_{72}^7\ \Phi_{54}^7\ \Phi_{36}^7\ \Phi_{27}^7\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_9\ \Phi_8^7\ \Phi_4^7\ \Phi_1$
91940	1393	1485	$\frac{92}{1485}$	$\frac{7}{99}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}\ \Phi_{55}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
91941	1393	1440	$\frac{47}{1440}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
91942	1393	1725	$\frac{13}{345}$	$\frac{2}{15}$	$\frac{332}{1725}$	$\frac{1}{3}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_1$
91943	1393	225	$\frac{2}{45}$	$\frac{26}{225}$	$\frac{43}{225}$	$\frac{1}{3}$	$\Phi_{225}^6\ \Phi_{75}^6\ \Phi_{45}^7\ \Phi_{25}^6\ \Phi_{15}^7\ \Phi_9^7\ \Phi_5^7\ \Phi_3^6\ \Phi_1^7$
91944	1393	1620	$\frac{2}{45}$	$\frac{227}{1620}$	$\frac{43}{270}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
91945	1393	1728	$\frac{1}{48}$	$\frac{335}{1728}$	$\frac{97}{432}$	$\frac{47}{144}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
91946	1393	1800	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{407}{1800}$	$\frac{193}{600}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{100}\ \Phi_{90}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
91947	1393	2052	$\frac{25}{684}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{659}{2052}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{513}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
91948	1393	2040	$\frac{33}{680}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{647}{2040}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{120}\ \Phi_{102}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
91949	1393	240	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{41}{240}$	$\frac{19}{60}$	$\Phi_{240}^7\ \Phi_{120}^3\ \Phi_{80}^7\ \Phi_{60}^4\ \Phi_{48}^7\ \Phi_{40}^7\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^7\ \Phi_{16}^7\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^7\ \Phi_8^6\ \Phi_6^4\ \Phi_5^7\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
91950	1393	288	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{89}{288}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{72}^7\ \Phi_{36}^7\ \Phi_{18}^7\ \Phi_9^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
91951	1393	1620	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{227}{1620}$	$\frac{97}{324}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
91952	1393	216	$\frac{17}{216}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{216}^7\ \Phi_{108}^7\ \Phi_{72}^7\ \Phi_{54}^7\ \Phi_{36}^7\ \Phi_{27}^7\ \Phi_{18}^7\ \Phi_9^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
91953	1393	232	$\frac{15}{232}$	$\frac{31}{232}$	$\frac{33}{232}$	$\frac{67}{232}$	$\Phi_{232}^6\ \Phi_{116}^6\ \Phi_{58}^6\ \Phi_{29}^6\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
91954	1393	261	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{62}{261}$	$\frac{25}{87}$	$\Phi_{261}^7\ \Phi_{29}^6\ \Phi_9^7\ \Phi_1^7$
91955	1393	1944	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{648}$	$\frac{551}{1944}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
91956	1393	1920	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{113}{640}$	$\frac{527}{1920}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
91957	1393	840	$\frac{11}{210}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
91958	1393	1872	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{145}{624}$	$\frac{479}{1872}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_1$
91959	1393	1536	$\frac{1}{16}$	$\frac{143}{1536}$	$\frac{15}{64}$	$\frac{49}{192}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
91960	1393	224	$\frac{3}{28}$	$\frac{25}{224}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{224}^7\ \Phi_{112}^7\ \Phi_{56}^3\ \Phi_{32}^7\ \Phi_{28}^4\ \Phi_{16}^7\ \Phi_{14}^4\ \Phi_8^6\ \Phi_7^4\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
91961	1393	520	$\frac{4}{65}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{61}{260}$	$\Phi_{520}^3\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{104}^3\ \Phi_{65}^3\ \Phi_{52}^2\ \Phi_{40}^4\ \Phi_{26}^2\ \Phi_{20}^3\ \Phi_{13}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
91962	1393	256	$\frac{1}{16}$	$\frac{7}{64}$	$\frac{57}{256}$	$\frac{15}{64}$	$\Phi_{256}^7\ \Phi_{128}^7\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
91963	1393	1728	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{335}{1728}$	$\frac{97}{432}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
91964	1393	256	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{57}{256}$	$\Phi_{256}^7\ \Phi_{128}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
91965	1393	224	$\frac{25}{224}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{32}$	$\Phi_{224}^7\ \Phi_{112}^7\ \Phi_{56}^7\ \Phi_{28}^7\ \Phi_{14}^7\ \Phi_8^6\ \Phi_7^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
91966	1393	240	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{240}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{80}^7\ \Phi_{60}^7\ \Phi_{40}^7\ \Phi_{30}^7\ \Phi_{20}^7\ \Phi_{15}^7\ \Phi_{10}^7\ \Phi_8^6\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
91967	1394	1194	$\frac{1}{199}$	$\frac{100}{597}$	$\frac{497}{1194}$	$\frac{99}{199}$	$\Phi_{1194}^2\ \Phi_{398}^2\ \Phi_{199}\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
91968	1394	1386	$\frac{4}{693}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{689}{1386}$	$\Phi_{1386}^2\ \Phi_{462}^2\ \Phi_{198}^2\ \Phi_{154}^2\ \Phi_{126}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
91969	1394	2592	$\frac{1}{81}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{40}{81}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{96}\ \Phi_{81}\ \Phi_{32}^2\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
91970	1394	648	$\frac{1}{81}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{40}{81}$	$\Phi_{648}^2\ \Phi_{324}^2\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^3\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
91971	1394	1620	$\frac{1}{81}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{40}{81}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
91972	1394	1372	$\frac{11}{686}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{675}{1372}$	$\Phi_{1372}^2\ \Phi_{196}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
91973	1394	1365	$\frac{29}{1365}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{668}{1365}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}\ \Phi_{39}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{13}\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
91974	1394	840	$\frac{3}{140}$	$\frac{1}{7}$	$\frac{143}{840}$	$\frac{137}{280}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
91975	1394	2640	$\frac{1}{40}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{39}{80}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{80}^2\ \Phi_{48}\ \Phi_{33}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
91976	1394	720	$\frac{1}{40}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{720}^4\ \Phi_{240}^3\ \Phi_{144}^4\ \Phi_{80}^4\ \Phi_{48}^3\ \Phi_{18}^2\ \Phi_{16}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
91977	1394	880	$\frac{1}{40}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{39}{80}$	$\Phi_{880}^3\ \Phi_{176}^3\ \Phi_{80}^4\ \Phi_{22}^2\ \Phi_{16}^4\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
91978	1394	660	$\frac{1}{33}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{16}{33}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^3\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
91979	1394	132	$\frac{1}{33}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{132}^{10}\ \Phi_{66}^{10}\ \Phi_{44}^{11}\ \Phi_{33}^{11}\ \Phi_{22}^{11}\ \Phi_{12}^{10}\ \Phi_{11}^{12}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{12}$
91980	1394	495	$\frac{1}{33}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{16}{33}$	$\Phi_{495}^3\ \Phi_{165}^2\ \Phi_{99}^3\ \Phi_{55}^2\ \Phi_{45}^4\ \Phi_{33}^3\ \Phi_{15}^3\ \Phi_{11}^3\ \Phi_9^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
91981	1394	1650	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{16}{33}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{275}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{33}\ \Phi_{25}^2\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
91982	1394	528	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{16}{33}$	$\Phi_{528}^3\ \Phi_{264}^2\ \Phi_{176}^3\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{48}^4\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{16}^4\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
91983	1394	1344	$\frac{25}{672}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{647}{1344}$	$\Phi_{1344}^2\ \Phi_{448}^2\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
91984	1394	1330	$\frac{32}{665}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{633}{1330}$	$\Phi_{1330}^2\ \Phi_{266}^2\ \Phi_{190}^2\ \Phi_{70}^2\ \Phi_{38}^2\ \Phi_{35}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
91985	1394	2730	$\frac{1}{35}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{2730}\ \Phi_{910}\ \Phi_{546}\ \Phi_{390}\ \Phi_{210}\ \Phi_{182}\ \Phi_{130}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
91986	1394	672	$\frac{1}{42}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{672}^4\ \Phi_{224}^4\ \Phi_{96}^3\ \Phi_{42}^2\ \Phi_{32}^4\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
91987	1394	864	$\frac{1}{27}$	$\frac{1}{16}$	$\frac{13}{54}$	$\frac{15}{32}$	$\Phi_{864}^3\ \Phi_{288}^3\ \Phi_{96}^3\ \Phi_{54}^2\ \Phi_{32}^4\ \Phi_{27}\ \Phi_{18}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
91988	1394	1440	$\frac{1}{16}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{15}{32}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}\ \Phi_{160}^2\ \Phi_{96}\ \Phi_{45}^2\ \Phi_{32}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
91989	1394	280	$\frac{1}{35}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{280}^7\ \Phi_{70}^7\ \Phi_{56}^6\ \Phi_{40}^7\ \Phi_{35}^6\ \Phi_{14}^6\ \Phi_{10}^7\ \Phi_8^6\ \Phi_7^5\ \Phi_5^6\ \Phi_2^6\ \Phi_1^6$
91990	1394	1260	$\frac{3}{70}$	$\frac{67}{630}$	$\frac{1}{7}$	$\frac{563}{1260}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
91991	1394	728	$\frac{31}{728}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{728}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{104}^2\ \Phi_{91}^2\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
91992	1394	2490	$\frac{1}{83}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{2490}\ \Phi_{830}\ \Phi_{498}\ \Phi_{249}\ \Phi_{166}$
91993	1394	210	$\frac{1}{42}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{210}^7\ \Phi_{105}^7\ \Phi_{70}^7\ \Phi_{42}^6\ \Phi_{35}^7\ \Phi_{30}^5\ \Phi_{21}^6\ \Phi_{15}^7\ \Phi_{14}^6\ \Phi_{10}^5\ \Phi_7^6\ \Phi_6^4\ \Phi_5^6\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
91994	1394	1225	$\frac{6}{175}$	$\frac{169}{1225}$	$\frac{1}{7}$	$\frac{528}{1225}$	$\Phi_{1225}\ \Phi_{245}\ \Phi_{175}^2\ \Phi_{49}\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
91995	1394	2520	$\frac{1}{35}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
91996	1394	924	$\frac{4}{231}$	$\frac{1}{7}$	$\frac{227}{924}$	$\frac{3}{7}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
91997	1394	42	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{42}^{34}\ \Phi_{21}^{32}\ \Phi_{14}^{34}\ \Phi_7^{33}\ \Phi_6^{34}\ \Phi_3^{32}\ \Phi_2^{34}\ \Phi_1^{34}$
91998	1394	770	$\frac{4}{77}$	$\frac{73}{770}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{70}^2\ \Phi_{55}^2\ \Phi_{35}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
91999	1394	756	$\frac{4}{63}$	$\frac{59}{756}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2$ $\Phi_{27}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
92000	1394	1992	$\frac{1}{83}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1992}\ \Phi_{664}\ \Phi_{498}\ \Phi_{249}\ \Phi_{166}$
92001	1394	1680	$\frac{1}{35}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}$ $\Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
92002	1394	70	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{70}^{34}\ \Phi_{35}^6\ \Phi_{14}^{34}\ \Phi_{10}^{34}\ \Phi_7^5\ \Phi_5^6\ \Phi_2^{34}\ \Phi_1^6$
92003	1394	420	$\frac{1}{42}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{420}^4\ \Phi_{210}^3\ \Phi_{140}^4\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{70}^3\ \Phi_{60}^4\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}^4\ \Phi_{21}^2$ $\Phi_{20}^2\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_{10}\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
92004	1394	84	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{84}^{28}\ \Phi_{42}^6\ \Phi_{28}^{26}\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{12}^{28}\ \Phi_7^5\ \Phi_6^6\ \Phi_4^{26}\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
92005	1394	1120	$\frac{3}{140}$	$\frac{1}{7}$	$\frac{137}{560}$	$\frac{423}{1120}$	$\Phi_{1120}^2\ \Phi_{224}^2\ \Phi_{160}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7$ $\Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
92006	1394	1050	$\frac{3}{175}$	$\frac{1}{7}$	$\frac{172}{525}$	$\frac{353}{1050}$	$\Phi_{1050}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{25}^2$ $\Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
92007	1394	180	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^7\ \Phi_{45}^8\ \Phi_{36}^8\ \Phi_{30}^7\ \Phi_{20}^6\ \Phi_{18}^{10}\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}^6\ \Phi_9^{10}$ $\Phi_6^9\ \Phi_5^6\ \Phi_4^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
92008	1394	168	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{168}^8\ \Phi_{84}^8\ \Phi_{56}^8\ \Phi_{42}^{10}\ \Phi_{28}^8\ \Phi_{24}^7\ \Phi_{21}^{10}\ \Phi_{14}^{10}\ \Phi_{12}^7\ \Phi_8^6\ \Phi_7^{10}\ \Phi_6^9\ \Phi_4^6$ $\Phi_3^8\ \Phi_2^8\ \Phi_1^8$
92009	1394	420	$\frac{1}{42}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{60}^3\ \Phi_{42}^2\ \Phi_{35}^4\ \Phi_{30}^3\ \Phi_{21}^2\ \Phi_{20}^4\ \Phi_{15}^3$ $\Phi_{14}^2\ \Phi_{10}^4\ \Phi_7^2\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92010	1394	396	$\frac{1}{18}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^3\ \Phi_{99}^4\ \Phi_{66}^3\ \Phi_{44}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{18}^2\ \Phi_{11}^4\ \Phi_9^2\ \Phi_6^2$ $\Phi_3\ \Phi_2^2\ \Phi_1^2$
92011	1394	90	$\frac{1}{18}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{90}^{16}\ \Phi_{45}^{14}\ \Phi_{30}^{16}\ \Phi_{18}^{18}\ \Phi_{15}^{15}\ \Phi_{10}^{16}\ \Phi_9^{16}\ \Phi_6^{18}\ \Phi_5^{14}\ \Phi_3^{16}\ \Phi_2^{18}\ \Phi_1^{16}$
92012	1394	450	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^3\ \Phi_{75}^3\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92013	1394	144	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{144}^{12}\ \Phi_{72}^8\ \Phi_{48}^{10}\ \Phi_{36}^8\ \Phi_{24}^7\ \Phi_{18}^{10}\ \Phi_{16}^{10}\ \Phi_{12}^7\ \Phi_9^{10}\ \Phi_8^6\ \Phi_6^9\ \Phi_4^6\ \Phi_3^8$ $\Phi_2^8\ \Phi_1^8$
92014	1394	840	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{143}{840}$	$\frac{67}{210}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{40}^2$ $\Phi_{35}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
92015	1394	660	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{19}{60}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{60}^4\ \Phi_{33}^3\ \Phi_{30}^4\ \Phi_{22}^2\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{11}$ $\Phi_6^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^2$
92016	1394	1008	$\frac{25}{336}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{311}{1008}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{252}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{14}^2$ $\Phi_9^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
92017	1394	756	$\frac{59}{756}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{84}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^2$ $\Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
92018	1394	216	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{13}{54}$	$\frac{7}{24}$	$\Phi_{216}^6\ \Phi_{108}^6\ \Phi_{72}^6\ \Phi_{54}^8\ \Phi_{36}^6\ \Phi_{27}^7\ \Phi_{24}^7\ \Phi_{18}^8\ \Phi_{12}^7\ \Phi_9^7\ \Phi_8^6\ \Phi_6^9\ \Phi_4^6$ $\Phi_3^8\ \Phi_2^8\ \Phi_1^8$
92019	1394	360	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^2\ \Phi_{60}^4\ \Phi_{45}^6\ \Phi_{40}^4\ \Phi_{36}^2\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^4$ $\Phi_{18}^2\ \Phi_{15}^6\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_9^3\ \Phi_8^2\ \Phi_6^3\ \Phi_5^6\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
92020	1394	1890	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{30}$ $\Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
92021	1394	735	$\frac{38}{735}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}^2\ \Phi_{105}\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
92022	1394	630	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}\ \Phi_{126}^3\ \Phi_{105}\ \Phi_{90}^3\ \Phi_{70}\ \Phi_{63}^3\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{18}^3$ $\Phi_{15}\ \Phi_{10}\ \Phi_9^2$
92023	1394	540	$\frac{1}{27}$	$\frac{3}{20}$	$\frac{13}{54}$	$\frac{1}{4}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{30}^3\ \Phi_{27}\ \Phi_{20}^4\ \Phi_{18}^2$ $\Phi_{15}^3\ \Phi_{10}^4\ \Phi_9\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92024	1394	44	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{44}^{31}\ \Phi_{22}^{33}\ \Phi_{11}^{32}\ \Phi_4^{30}\ \Phi_2^{32}\ \Phi_1^{32}$
92025	1394	180	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{180}^7\ \Phi_{90}^7\ \Phi_{60}^7\ \Phi_{45}^9\ \Phi_{36}^8\ \Phi_{30}^7\ \Phi_{20}^8\ \Phi_{18}^8\ \Phi_{15}^9\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_9^9\ \Phi_6^8$ $\Phi_5^{10}\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^{10}$
92026	1394	910	$\frac{29}{455}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{213}{910}$	$\Phi_{910}^2\ \Phi_{455}\ \Phi_{182}^2\ \Phi_{130}^2\ \Phi_{91}\ \Phi_{70}^2\ \Phi_{65}\ \Phi_{35}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_{10}^2$ $\Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
92027	1394	990	$\frac{4}{45}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{22}$	$\Phi_{990}^2\ \Phi_{495}\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{99}\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{22}^2$ $\Phi_{18}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
92028	1394	550	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{5}{22}$	$\Phi_{550}^3\ \Phi_{275}^3\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{22}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
92029	1394	528	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{5}{22}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{48}^4\ \Phi_{33}^3\ \Phi_{24}^4\ \Phi_{22}^2\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_{11}$ $\Phi_6^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^2$
92030	1394	784	$\frac{3}{28}$	$\frac{87}{784}$	$\frac{1}{7}$	$\frac{25}{112}$	$\Phi_{784}^2\ \Phi_{392}^2\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
92031	1394	896	$\frac{3}{28}$	$\frac{25}{224}$	$\frac{1}{7}$	$\frac{199}{896}$	$\Phi_{896}^2\ \Phi_{448}^2\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
92032	1394	784	$\frac{87}{784}$	$\frac{11}{98}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{784}^2\ \Phi_{392}^2\ \Phi_{196}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
92033	1394	840	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{168}$	$\frac{143}{840}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{35}^2$ $\Phi_{30}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
92034	1395	1112	$\frac{1}{278}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{277}{556}$	$\Phi_{1112}^2\ \Phi_{556}\ \Phi_8^3\ \Phi_4\ \Phi_1$
92035	1395	1232	$\frac{1}{154}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{153}{308}$	$\Phi_{1232}^2\ \Phi_{308}\ \Phi_{176}^2\ \Phi_{112}^2\ \Phi_{44}\ \Phi_{28}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
92036	1395	308	$\frac{1}{154}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{153}{308}$	$\Phi_{308}^5\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{44}^5\ \Phi_{28}^5\ \Phi_{22}^4\ \Phi_{14}^4\ \Phi_{11}^4\ \Phi_7^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
92037	1395	1288	$\frac{1}{92}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{91}{184}$	$\Phi_{1288}^2\ \Phi_{184}^3\ \Phi_{56}^2\ \Phi_{28}\ \Phi_8^3\ \Phi_4\ \Phi_1$
92038	1395	1288	$\frac{1}{92}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{91}{184}$	$\Phi_{1288}^2\ \Phi_{184}^3\ \Phi_{56}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
92039	1395	552	$\frac{1}{92}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{91}{184}$	$\Phi_{552}^6\ \Phi_{184}^3\ \Phi_{24}^6\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
92040	1395	2624	$\frac{1}{82}$	$\frac{83}{1312}$	$\frac{1229}{2624}$	$\frac{81}{164}$	$\Phi_{2624}\ \Phi_{164}\ \Phi_{64}\ \Phi_4\ \Phi_1$
92041	1395	656	$\frac{1}{82}$	$\frac{83}{656}$	$\frac{191}{656}$	$\frac{81}{164}$	$\Phi_{656}^2\ \Phi_{328}^2\ \Phi_{164}^3\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
92042	1395	328	$\frac{1}{82}$	$\frac{49}{328}$	$\frac{83}{328}$	$\frac{81}{164}$	$\Phi_{328}^4\ \Phi_{164}^5\ \Phi_{82}^4\ \Phi_{41}^4\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
92043	1395	1530	$\frac{2}{153}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{151}{306}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{153}\ \Phi_{90}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}\ \Phi_{30}^2$ $\Phi_{17}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
92044	1395	1650	$\frac{4}{275}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{271}{550}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{330}\ \Phi_{275}\ \Phi_{165}\ \Phi_{150}\ \Phi_{75}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}^2$ $\Phi_{25}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
92045	1395	336	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{19}{112}$	$\frac{55}{112}$	$\Phi_{336}^4\ \Phi_{168}^6\ \Phi_{112}^2\ \Phi_{84}^6\ \Phi_{56}^3\ \Phi_{48}^4\ \Phi_{42}^6\ \Phi_{28}^3\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{16}^2\ \Phi_{14}^3$ $\Phi_{12}^6\ \Phi_8^3\ \Phi_7^3\ \Phi_6^5\ \Phi_4^3\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
92046	1395	1040	$\frac{1}{52}$	$\frac{1}{10}$	$\frac{53}{208}$	$\frac{51}{104}$	$\Phi_{1040}^2\ \Phi_{260}^2\ \Phi_{208}\ \Phi_{130}^2\ \Phi_{80}^2\ \Phi_{65}^2\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{13}\ \Phi_{10}$ $\Phi_5\ \Phi_4\ \Phi_1$
92047	1395	1520	$\frac{3}{152}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{149}{304}$	$\Phi_{1520}^2\ \Phi_{304}\ \Phi_{80}^2\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
92048	1395	546	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{89}{182}$	$\Phi_{546}^3\ \Phi_{273}^3\ \Phi_{91}^3\ \Phi_{78}^3\ \Phi_{42}^4\ \Phi_{39}^3\ \Phi_{21}^4\ \Phi_{14}\ \Phi_{13}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
92049	1395	1320	$\frac{1}{44}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{43}{88}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{120}^2\ \Phi_{88}^3\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}\ \Phi_8^3\ \Phi_4$ Φ_1
92050	1395	264	$\frac{1}{44}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{264}^{10}\ \Phi_{88}^{11}\ \Phi_{33}\ \Phi_{24}^{10}\ \Phi_{11}\ \Phi_8^{11}\ \Phi_1$
92051	1395	3960	$\frac{1}{44}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{43}{88}$	$\Phi_{3960}\ \Phi_{792}\ \Phi_{360}\ \Phi_{88}\ \Phi_{72}\ \Phi_{45}\ \Phi_9\ \Phi_8\ \Phi_1$
92052	1395	440	$\frac{1}{44}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{43}{88}$	$\Phi_{440}^2\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{88}^3\ \Phi_{55}^4\ \Phi_{44}^4\ \Phi_{40}^3\ \Phi_{22}^4\ \Phi_{20}^5\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_8^4$ $\Phi_5^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
92053	1395	3080	$\frac{1}{44}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{43}{88}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{280}\ \Phi_{88}\ \Phi_{56}\ \Phi_{35}\ \Phi_8\ \Phi_7\ \Phi_1$
92054	1395	792	$\frac{1}{44}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{43}{88}$	$\Phi_{792}^4\ \Phi_{264}^2\ \Phi_{88}^3\ \Phi_{72}^4\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8^3\ \Phi_4\ \Phi_1$
92055	1395	960	$\frac{1}{40}$	$\frac{41}{320}$	$\frac{1}{6}$	$\frac{39}{80}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}\ \Phi_{192}^2\ \Phi_{160}\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{64}\ \Phi_{60}^2\ \Phi_{40}\ \Phi_{32}$ $\Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
92056	1395	544	$\frac{7}{272}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{265}{544}$	$\Phi_{544}^5\ \Phi_{68}\ \Phi_{32}^5\ \Phi_4\ \Phi_1$
92057	1395	544	$\frac{7}{272}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{265}{544}$	$\Phi_{544}^5\ \Phi_{32}^5\ \Phi_{17}^2\ \Phi_1^3$
92058	1395	1632	$\frac{7}{272}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{265}{544}$	$\Phi_{1632}^2\ \Phi_{544}\ \Phi_{96}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
92059	1395	136	$\frac{1}{34}$	$\frac{7}{136}$	$\frac{43}{136}$	$\frac{33}{68}$	$\Phi_{136}^{10}\ \Phi_{68}^{11}\ \Phi_{34}^{10}\ \Phi_{17}^{10}\ \Phi_8^{10}\ \Phi_4^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
92060	1395	1496	$\frac{1}{34}$	$\frac{101}{1496}$	$\frac{35}{136}$	$\frac{33}{68}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{374}\ \Phi_{187}\ \Phi_{88}\ \Phi_{68}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_4\ \Phi_1$
92061	1395	340	$\frac{1}{34}$	$\frac{7}{68}$	$\frac{61}{340}$	$\frac{33}{68}$	$\Phi_{340}^5\ \Phi_{170}^5\ \Phi_{85}^5\ \Phi_{68}\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^5\ \Phi_4\ \Phi_1$
92062	1395	544	$\frac{1}{34}$	$\frac{35}{272}$	$\frac{79}{544}$	$\frac{33}{68}$	$\Phi_{544}^3\ \Phi_{272}^2\ \Phi_{136}^2\ \Phi_{68}^3\ \Phi_{34}^2\ \Phi_{32}^3\ \Phi_{17}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
92063	1395	660	$\frac{1}{30}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{29}{60}$	$\Phi_{660}^{4}\,\Phi_{220}^{4}\,\Phi_{132}^{4}\,\Phi_{60}^{5}\,\Phi_{44}^{4}\,\Phi_{22}^{2}\,\Phi_{20}^{5}\,\Phi_{12}^{5}\,\Phi_{11}^{2}\,\Phi_{4}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
92064	1395	240	$\frac{1}{30}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{240}^{6}\,\Phi_{120}^{6}\,\Phi_{80}^{6}\,\Phi_{60}^{5}\,\Phi_{48}^{6}\,\Phi_{40}^{6}\,\Phi_{30}^{4}\,\Phi_{24}^{6}\,\Phi_{20}^{5}\,\Phi_{16}^{9}\,\Phi_{15}^{4}\,\Phi_{12}^{5}\,\Phi_{10}^{4}\,\Phi_{8}^{9}\,\Phi_{6}^{4}\,\Phi_{5}^{4}\,\Phi_{4}^{7}\,\Phi_{3}^{4}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
92065	1395	660	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{29}{60}$	$\Phi_{660}^{4}\,\Phi_{220}^{4}\,\Phi_{132}^{4}\,\Phi_{60}^{5}\,\Phi_{44}^{4}\,\Phi_{20}^{5}\,\Phi_{12}^{5}\,\Phi_{11}^{4}\,\Phi_{4}^{5}\,\Phi_{1}^{5}$
92066	1395	60	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{29}{60}$	$\Phi_{60}^{45}\,\Phi_{30}^{2}\,\Phi_{20}^{45}\,\Phi_{15}^{2}\,\Phi_{12}^{45}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}^{45}\,\Phi_{3}\,\Phi_{1}$
92067	1395	1596	$\frac{13}{266}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{253}{532}$	$\Phi_{1596}^{2}\,\Phi_{532}\,\Phi_{228}^{2}\,\Phi_{84}^{2}\,\Phi_{76}\,\Phi_{42}^{2}\,\Phi_{28}\,\Phi_{21}^{2}\,\Phi_{14}\,\Phi_{12}^{2}\,\Phi_{7}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
92068	1395	884	$\frac{1}{34}$	$\frac{23}{442}$	$\frac{11}{34}$	$\frac{419}{884}$	$\Phi_{884}^{3}\,\Phi_{68}^{3}\,\Phi_{52}^{3}\,\Phi_{34}^{2}\,\Phi_{17}^{2}\,\Phi_{4}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
92069	1395	1904	$\frac{1}{34}$	$\frac{33}{476}$	$\frac{509}{1904}$	$\frac{443}{952}$	$\Phi_{1904}\,\Phi_{476}\,\Phi_{272}\,\Phi_{238}\,\Phi_{119}\,\Phi_{112}\,\Phi_{68}\,\Phi_{28}\,\Phi_{16}\,\Phi_{14}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
92070	1395	644	$\frac{1}{46}$	$\frac{1}{14}$	$\frac{15}{46}$	$\frac{13}{28}$	$\Phi_{644}^{4}\,\Phi_{92}^{4}\,\Phi_{46}^{2}\,\Phi_{28}^{5}\,\Phi_{23}^{2}\,\Phi_{4}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
92071	1395	224	$\frac{1}{32}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{224}^{6}\,\Phi_{112}^{6}\,\Phi_{56}^{6}\,\Phi_{32}^{9}\,\Phi_{28}^{5}\,\Phi_{16}^{9}\,\Phi_{14}^{4}\,\Phi_{8}^{9}\,\Phi_{7}^{4}\,\Phi_{4}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
92072	1395	3220	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{22}{115}$	$\frac{13}{28}$	$\Phi_{3220}\,\Phi_{460}\,\Phi_{140}\,\Phi_{115}\,\Phi_{28}\,\Phi_{20}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
92073	1395	1560	$\frac{1}{20}$	$\frac{19}{260}$	$\frac{1}{6}$	$\frac{241}{520}$	$\Phi_{1560}^{2}\,\Phi_{520}\,\Phi_{312}^{2}\,\Phi_{120}^{2}\,\Phi_{104}\,\Phi_{60}^{2}\,\Phi_{40}\,\Phi_{30}^{2}\,\Phi_{24}^{2}\,\Phi_{20}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{10}\,\Phi_{8}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
92074	1395	1440	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{133}{288}$	$\Phi_{1440}^{2}\,\Phi_{480}^{2}\,\Phi_{288}\,\Phi_{160}^{2}\,\Phi_{96}\,\Phi_{60}^{2}\,\Phi_{32}\,\Phi_{30}^{2}\,\Phi_{20}^{2}\,\Phi_{15}^{2}\,\Phi_{12}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
92075	1395	840	$\frac{13}{168}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{24}$	$\Phi_{840}^{2}\,\Phi_{420}^{2}\,\Phi_{280}^{2}\,\Phi_{210}^{2}\,\Phi_{168}\,\Phi_{140}^{2}\,\Phi_{105}^{2}\,\Phi_{84}\,\Phi_{70}^{2}\,\Phi_{60}^{2}\,\Phi_{56}\,\Phi_{42}\,\Phi_{35}^{2}\,\Phi_{30}^{2}\,\Phi_{28}\,\Phi_{21}\,\Phi_{20}^{2}\,\Phi_{15}^{2}\,\Phi_{14}\,\Phi_{12}\,\Phi_{10}\,\Phi_{7}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
92076	1395	1430	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{10}$	$\frac{131}{286}$	$\Phi_{1430}\,\Phi_{715}\,\Phi_{143}\,\Phi_{130}^{2}\,\Phi_{110}\,\Phi_{65}^{2}\,\Phi_{55}\,\Phi_{26}\,\Phi_{13}\,\Phi_{11}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
92077	1395	1288	$\frac{1}{46}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{1288}^{2}\,\Phi_{184}^{2}\,\Phi_{92}^{2}\,\Phi_{56}\,\Phi_{46}\,\Phi_{23}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
92078	1395	168	$\frac{1}{28}$	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{25}{56}$	$\Phi_{168}^{18}\,\Phi_{84}^{2}\,\Phi_{56}^{9}\,\Phi_{42}^{2}\,\Phi_{28}\,\Phi_{24}^{18}\,\Phi_{21}^{2}\,\Phi_{14}\,\Phi_{12}^{2}\,\Phi_{8}^{9}\,\Phi_{7}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
92079	1395	3696	$\frac{1}{77}$	$\frac{1}{8}$	$\frac{76}{231}$	$\frac{7}{16}$	$\Phi_{3696}\,\Phi_{528}\,\Phi_{336}\,\Phi_{231}\,\Phi_{48}\,\Phi_{33}\,\Phi_{21}\,\Phi_{16}\,\Phi_{3}\,\Phi_{1}$
92080	1395	1232	$\frac{2}{77}$	$\frac{1}{8}$	$\frac{15}{77}$	$\frac{7}{16}$	$\Phi_{1232}^{2}\,\Phi_{176}^{2}\,\Phi_{112}^{2}\,\Phi_{77}^{2}\,\Phi_{16}^{3}\,\Phi_{11}^{2}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
92081	1395	96	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{96}^{18}\,\Phi_{48}^{16}\,\Phi_{32}^{9}\,\Phi_{24}^{18}\,\Phi_{16}^{8}\,\Phi_{12}^{18}\,\Phi_{8}^{9}\,\Phi_{6}^{17}\,\Phi_{4}^{9}\,\Phi_{3}^{17}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
92082	1395	2576	$\frac{6}{161}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{2576}\,\Phi_{368}\,\Phi_{161}\,\Phi_{23}\,\Phi_{16}\,\Phi_{1}$
92083	1395	176	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{176}^{7}\,\Phi_{88}^{9}\,\Phi_{44}^{9}\,\Phi_{22}^{8}\,\Phi_{16}^{8}\,\Phi_{11}^{8}\,\Phi_{8}^{9}\,\Phi_{4}^{9}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
92084	1395	528	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{528}^{5}\,\Phi_{176}^{4}\,\Phi_{48}^{5}\,\Phi_{33}^{5}\,\Phi_{16}^{5}\,\Phi_{11}^{4}\,\Phi_{3}^{5}\,\Phi_{1}^{5}$
92085	1395	336	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{336}^{8}\,\Phi_{168}\,\Phi_{112}^{6}\,\Phi_{84}\,\Phi_{56}\,\Phi_{48}^{8}\,\Phi_{42}\,\Phi_{28}\,\Phi_{24}\,\Phi_{21}\,\Phi_{16}^{7}\,\Phi_{12}\,\Phi_{8}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
92086	1395	164	$\frac{1}{82}$	$\frac{11}{82}$	$\frac{27}{82}$	$\frac{71}{164}$	$\Phi_{164}^{15}\,\Phi_{82}^{2}\,\Phi_{41}^{2}\,\Phi_{4}^{15}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
92087	1395	164	$\frac{1}{41}$	$\frac{11}{82}$	$\frac{8}{41}$	$\frac{71}{164}$	$\Phi_{164}^{15}\,\Phi_{41}^{4}\,\Phi_{4}^{15}\,\Phi_{1}^{5}$
92088	1395	164	$\frac{5}{82}$	$\frac{7}{82}$	$\frac{11}{82}$	$\frac{71}{164}$	$\Phi_{164}^{15}\,\Phi_{82}^{2}\,\Phi_{41}^{2}\,\Phi_{4}^{15}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
92089	1395	1470	$\frac{1}{35}$	$\frac{34}{245}$	$\frac{1}{6}$	$\frac{211}{490}$	$\Phi_{1470}\,\Phi_{735}\,\Phi_{294}\,\Phi_{245}\,\Phi_{210}^{2}\,\Phi_{147}\,\Phi_{105}^{2}\,\Phi_{70}\,\Phi_{49}\,\Phi_{42}^{2}\,\Phi_{35}\,\Phi_{30}^{2}\,\Phi_{21}^{2}\,\Phi_{15}^{2}\,\Phi_{14}\,\Phi_{10}\,\Phi_{7}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
92090	1395	574	$\frac{1}{41}$	$\frac{40}{287}$	$\frac{109}{574}$	$\frac{247}{574}$	$\Phi_{574}^{2}\,\Phi_{287}^{3}\,\Phi_{82}^{2}\,\Phi_{41}^{2}\,\Phi_{14}^{2}\,\Phi_{7}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
92091	1395	272	$\frac{1}{34}$	$\frac{19}{136}$	$\frac{11}{68}$	$\frac{117}{272}$	$\Phi_{272}^{9}\,\Phi_{68}^{3}\,\Phi_{34}^{2}\,\Phi_{17}^{2}\,\Phi_{16}^{9}\,\Phi_{4}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
92092	1395	544	$\frac{1}{34}$	$\frac{79}{544}$	$\frac{11}{68}$	$\frac{57}{136}$	$\Phi_{544}^{3}\,\Phi_{272}^{3}\,\Phi_{68}^{3}\,\Phi_{34}^{2}\,\Phi_{32}^{3}\,\Phi_{17}^{2}\,\Phi_{16}^{3}\,\Phi_{4}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
92093	1395	480	$\frac{1}{40}$	$\frac{13}{80}$	$\frac{1}{6}$	$\frac{67}{160}$	$\Phi_{480}^{6}\,\Phi_{160}^{3}\,\Phi_{120}^{2}\,\Phi_{96}^{6}\,\Phi_{60}^{2}\,\Phi_{40}\,\Phi_{32}^{3}\,\Phi_{30}^{2}\,\Phi_{24}^{2}\,\Phi_{20}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{10}\,\Phi_{8}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
92094	1395	656	$\frac{1}{82}$	$\frac{27}{164}$	$\frac{191}{656}$	$\frac{137}{328}$	$\Phi_{656}^{3}\,\Phi_{164}^{3}\,\Phi_{82}^{2}\,\Phi_{41}^{2}\,\Phi_{16}^{3}\,\Phi_{4}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
92095	1395	287	$\frac{8}{287}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{287}^{5}\,\Phi_{41}^{4}\,\Phi_{7}^{5}\,\Phi_{1}^{5}$
92096	1395	476	$\frac{1}{34}$	$\frac{33}{238}$	$\frac{41}{238}$	$\frac{197}{476}$	$\Phi_{476}^{5}\,\Phi_{238}\,\Phi_{119}\,\Phi_{68}^{5}\,\Phi_{28}^{5}\,\Phi_{14}\,\Phi_{7}\,\Phi_{4}^{5}\,\Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
92097	1395	289	$\frac{10}{289}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{289}^{5}\ \Phi_{17}^{2}\ \Phi_{1}^{3}$
92098	1395	260	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{5}{26}$	$\frac{21}{52}$	$\Phi_{260}^{10}\ \Phi_{130}^{2}\ \Phi_{65}^{2}\ \Phi_{52}^{5}\ \Phi_{26}\ \Phi_{20}^{10}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}^{5}\ \Phi_{1}$
92099	1395	328	$\frac{1}{41}$	$\frac{49}{328}$	$\frac{8}{41}$	$\frac{33}{82}$	$\Phi_{328}^{5}\ \Phi_{164}^{5}\ \Phi_{41}^{4}\ \Phi_{8}^{5}\ \Phi_{4}^{5}\ \Phi_{1}^{5}$
92100	1395	2296	$\frac{1}{41}$	$\frac{40}{287}$	$\frac{247}{1148}$	$\frac{901}{2296}$	$\Phi_{2296}\ \Phi_{328}\ \Phi_{287}\ \Phi_{56}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
92101	1395	1344	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{55}{224}$	$\frac{169}{448}$	$\Phi_{1344}^{2}\ \Phi_{448}\ \Phi_{192}^{2}\ \Phi_{168}^{2}\ \Phi_{84}^{2}\ \Phi_{64}\ \Phi_{56}\ \Phi_{42}^{2}\ \Phi_{28}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
92102	1395	1112	$\frac{1}{139}$	$\frac{1}{4}$	$\frac{46}{139}$	$\frac{3}{8}$	$\Phi_{1112}^{2}\ \Phi_{139}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
92103	1395	376	$\frac{1}{94}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{376}^{6}\ \Phi_{188}^{2}\ \Phi_{94}\ \Phi_{47}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
92104	1395	1112	$\frac{4}{139}$	$\frac{15}{139}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1112}^{2}\ \Phi_{139}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
92105	1395	160	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{160}^{10}\ \Phi_{80}^{10}\ \Phi_{40}^{8}\ \Phi_{32}^{5}\ \Phi_{20}^{10}\ \Phi_{16}^{5}\ \Phi_{10}^{9}\ \Phi_{8}^{4}\ \Phi_{5}^{9}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
92106	1395	1104	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1104}^{2}\ \Phi_{368}^{2}\ \Phi_{184}^{2}\ \Phi_{92}^{2}\ \Phi_{48}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
92107	1395	68	$\frac{1}{34}$	$\frac{3}{34}$	$\frac{11}{34}$	$\frac{23}{68}$	$\Phi_{68}^{31}\ \Phi_{34}^{10}\ \Phi_{17}^{10}\ \Phi_{4}^{31}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
92108	1395	1170	$\frac{1}{39}$	$\frac{1}{10}$	$\frac{38}{117}$	$\frac{79}{234}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}^{2}\ \Phi_{195}^{2}\ \Phi_{130}^{2}\ \Phi_{117}\ \Phi_{90}\ \Phi_{78}\ \Phi_{65}^{2}\ \Phi_{45}\ \Phi_{39}\ \Phi_{30}^{2}\ \Phi_{26}\ \Phi_{15}^{2}\ \Phi_{13}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
92109	1395	420	$\frac{1}{70}$	$\frac{1}{6}$	$\frac{23}{70}$	$\frac{47}{140}$	$\Phi_{420}^{6}\ \Phi_{210}^{2}\ \Phi_{140}^{3}\ \Phi_{105}^{2}\ \Phi_{84}^{6}\ \Phi_{70}\ \Phi_{60}^{6}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{28}^{3}\ \Phi_{21}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{14}\ \Phi_{12}^{6}\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
92110	1395	66	$\frac{1}{22}$	$\frac{2}{33}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{66}^{20}\ \Phi_{33}^{21}\ \Phi_{22}^{22}\ \Phi_{11}^{23}\ \Phi_{6}^{20}\ \Phi_{3}^{20}\ \Phi_{2}^{22}\ \Phi_{1}^{23}$
92111	1395	528	$\frac{2}{33}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{176}^{3}\ \Phi_{132}^{2}\ \Phi_{88}^{3}\ \Phi_{66}^{2}\ \Phi_{44}^{3}\ \Phi_{33}^{3}\ \Phi_{22}^{2}\ \Phi_{16}^{3}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
92112	1395	1020	$\frac{2}{51}$	$\frac{1}{10}$	$\frac{49}{204}$	$\frac{1}{3}$	$\Phi_{1020}^{2}\ \Phi_{510}\ \Phi_{340}^{2}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}^{2}\ \Phi_{51}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{17}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
92113	1395	810	$\frac{7}{162}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{810}^{2}\ \Phi_{405}^{2}\ \Phi_{270}^{2}\ \Phi_{162}\ \Phi_{135}^{2}\ \Phi_{90}\ \Phi_{81}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}^{2}\ \Phi_{27}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
92114	1395	33	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{33}^{41}\ \Phi_{11}^{45}\ \Phi_{3}^{40}\ \Phi_{1}^{45}$
92115	1395	330	$\frac{2}{33}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{330}^{5}\ \Phi_{165}^{5}\ \Phi_{110}^{5}\ \Phi_{66}^{2}\ \Phi_{55}^{5}\ \Phi_{33}^{3}\ \Phi_{30}^{2}\ \Phi_{22}^{2}\ \Phi_{15}^{2}\ \Phi_{11}^{3}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
92116	1395	924	$\frac{1}{77}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{76}{231}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{231}^{3}\ \Phi_{132}^{2}\ \Phi_{84}^{2}\ \Phi_{66}^{2}\ \Phi_{42}^{2}\ \Phi_{33}^{3}\ \Phi_{21}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
92117	1395	322	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{15}{46}$	$\Phi_{322}^{4}\ \Phi_{161}^{4}\ \Phi_{46}^{6}\ \Phi_{23}^{6}\ \Phi_{14}^{4}\ \Phi_{7}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
92118	1395	276	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{15}{46}$	$\Phi_{276}^{8}\ \Phi_{138}^{4}\ \Phi_{92}^{4}\ \Phi_{69}^{4}\ \Phi_{46}^{2}\ \Phi_{23}^{2}\ \Phi_{12}^{10}\ \Phi_{6}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
92119	1395	697	$\frac{16}{697}$	$\frac{94}{697}$	$\frac{201}{697}$	$\frac{227}{697}$	$\Phi_{697}^{2}\ \Phi_{41}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{3}$
92120	1395	120	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{9}{40}$	$\frac{13}{40}$	$\Phi_{120}^{14}\ \Phi_{60}^{14}\ \Phi_{40}^{7}\ \Phi_{30}^{14}\ \Phi_{24}^{14}\ \Phi_{20}^{7}\ \Phi_{15}^{14}\ \Phi_{12}^{14}\ \Phi_{10}^{7}\ \Phi_{8}^{7}\ \Phi_{6}^{13}\ \Phi_{5}^{7}\ \Phi_{4}^{7}\ \Phi_{3}^{13}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
92121	1395	697	$\frac{19}{697}$	$\frac{108}{697}$	$\frac{157}{697}$	$\frac{226}{697}$	$\Phi_{697}^{2}\ \Phi_{41}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{3}$
92122	1395	932	$\frac{13}{466}$	$\frac{63}{466}$	$\frac{1}{4}$	$\frac{151}{466}$	$\Phi_{932}^{2}\ \Phi_{466}\ \Phi_{233}\ \Phi_{4}\ \Phi_{1}$
92123	1395	336	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{19}{112}$	$\frac{9}{28}$	$\Phi_{336}^{6}\ \Phi_{168}^{6}\ \Phi_{112}^{3}\ \Phi_{84}^{2}\ \Phi_{56}^{3}\ \Phi_{48}^{6}\ \Phi_{42}^{2}\ \Phi_{28}\ \Phi_{24}^{6}\ \Phi_{21}^{2}\ \Phi_{16}^{3}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{8}^{3}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
92124	1395	1140	$\frac{3}{76}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{73}{228}$	$\Phi_{1140}^{2}\ \Phi_{570}^{2}\ \Phi_{285}^{2}\ \Phi_{228}\ \Phi_{114}\ \Phi_{60}^{2}\ \Phi_{57}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
92125	1395	990	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{7}{22}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{90}^{2}\ \Phi_{45}^{3}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
92126	1395	440	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{7}{22}$	$\Phi_{440}^{4}\ \Phi_{220}^{4}\ \Phi_{88}^{4}\ \Phi_{44}^{4}\ \Phi_{40}^{5}\ \Phi_{22}^{2}\ \Phi_{20}^{5}\ \Phi_{11}^{2}\ \Phi_{8}^{5}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
92127	1395	770	$\frac{1}{22}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{7}{22}$	$\Phi_{770}^{2}\ \Phi_{385}^{2}\ \Phi_{154}^{2}\ \Phi_{77}^{2}\ \Phi_{70}^{2}\ \Phi_{35}^{3}\ \Phi_{22}^{2}\ \Phi_{14}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
92128	1395	396	$\frac{1}{22}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{7}{22}$	$\Phi_{396}^{4}\ \Phi_{198}^{4}\ \Phi_{132}^{4}\ \Phi_{99}^{4}\ \Phi_{44}^{4}\ \Phi_{36}^{5}\ \Phi_{22}^{2}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{11}^{2}\ \Phi_{9}^{5}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
92129	1395	451	$\frac{2}{41}$	$\frac{28}{451}$	$\frac{141}{451}$	$\frac{13}{41}$	$\Phi_{451}^{3}\ \Phi_{41}^{4}\ \Phi_{11}^{3}\ \Phi_{1}^{5}$
92130	1395	136	$\frac{7}{136}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{43}{136}$	$\Phi_{136}^{10}\ \Phi_{68}^{10}\ \Phi_{34}^{10}\ \Phi_{17}^{12}\ \Phi_{8}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{13}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
92131	1395	408	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{43}{136}$	$\Phi_{408}^{4}\,\Phi_{204}^{4}\,\Phi_{136}^{2}\,\Phi_{102}^{4}\,\Phi_{68}^{2}\,\Phi_{51}^{4}\,\Phi_{34}^{2}\,\Phi_{24}^{6}\,\Phi_{17}^{2}\,\Phi_{12}^{6}\,\Phi_{8}^{3}\,\Phi_{6}^{5}\,\Phi_{4}^{3}\,\Phi_{3}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
92132	1395	720	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{720}^{3}\,\Phi_{360}^{3}\,\Phi_{180}^{2}\,\Phi_{144}^{3}\,\Phi_{90}^{2}\,\Phi_{72}^{3}\,\Phi_{45}^{3}\,\Phi_{36}^{2}\,\Phi_{18}^{2}\,\Phi_{16}^{3}\,\Phi_{9}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
92133	1395	495	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{14}{45}$	$\Phi_{495}^{4}\,\Phi_{99}^{4}\,\Phi_{45}^{5}\,\Phi_{11}^{4}\,\Phi_{9}^{5}\,\Phi_{1}^{5}$
92134	1395	90	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{14}{45}$	$\Phi_{90}^{22}\,\Phi_{45}^{23}\,\Phi_{30}^{2}\,\Phi_{18}^{22}\,\Phi_{15}^{2}\,\Phi_{10}\,\Phi_{9}^{23}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
92135	1395	180	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{5}{36}$	$\frac{11}{36}$	$\Phi_{180}^{8}\,\Phi_{90}^{8}\,\Phi_{60}^{10}\,\Phi_{45}^{8}\,\Phi_{36}^{4}\,\Phi_{30}^{10}\,\Phi_{20}^{10}\,\Phi_{18}^{4}\,\Phi_{15}^{10}\,\Phi_{12}^{5}\,\Phi_{10}^{9}\,\Phi_{9}^{4}\,\Phi_{6}^{5}\,\Phi_{5}^{9}\,\Phi_{4}^{5}\,\Phi_{3}^{5}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
92136	1395	164	$\frac{9}{164}$	$\frac{7}{82}$	$\frac{19}{82}$	$\frac{25}{82}$	$\Phi_{164}^{9}\,\Phi_{82}^{8}\,\Phi_{41}^{8}\,\Phi_{4}^{9}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
92137	1395	300	$\frac{7}{100}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{300}^{6}\,\Phi_{150}^{6}\,\Phi_{100}^{3}\,\Phi_{75}^{6}\,\Phi_{60}^{6}\,\Phi_{50}^{3}\,\Phi_{30}^{2}\,\Phi_{25}^{3}\,\Phi_{20}^{3}\,\Phi_{15}^{2}\,\Phi_{12}^{6}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}^{3}\,\Phi_{3}\,\Phi_{1}$
92138	1395	224	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{224}^{6}\,\Phi_{112}^{6}\,\Phi_{56}^{6}\,\Phi_{32}^{9}\,\Phi_{28}^{4}\,\Phi_{16}^{9}\,\Phi_{14}^{4}\,\Phi_{8}^{9}\,\Phi_{7}^{6}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{9}$
92139	1395	805	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{22}{115}$	$\frac{2}{7}$	$\Phi_{805}^{2}\,\Phi_{115}^{3}\,\Phi_{35}^{2}\,\Phi_{7}^{2}\,\Phi_{5}^{3}\,\Phi_{1}^{3}$
92140	1395	294	$\frac{5}{98}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{294}^{6}\,\Phi_{147}^{6}\,\Phi_{98}^{3}\,\Phi_{49}^{3}\,\Phi_{42}^{4}\,\Phi_{21}^{4}\,\Phi_{14}\,\Phi_{7}^{3}\,\Phi_{6}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
92141	1395	736	$\frac{1}{32}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{736}^{2}\,\Phi_{368}^{2}\,\Phi_{184}^{2}\,\Phi_{92}^{2}\,\Phi_{46}\,\Phi_{32}\,\Phi_{23}\,\Phi_{16}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
92142	1395	1080	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{72}$	$\frac{61}{216}$	$\Phi_{1080}^{2}\,\Phi_{540}^{2}\,\Phi_{270}^{2}\,\Phi_{216}\,\Phi_{135}^{2}\,\Phi_{108}\,\Phi_{60}^{2}\,\Phi_{54}\,\Phi_{30}^{2}\,\Phi_{27}\,\Phi_{20}^{2}\,\Phi_{15}^{2}\,\Phi_{12}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
92143	1395	204	$\frac{1}{34}$	$\frac{11}{68}$	$\frac{49}{204}$	$\frac{19}{68}$	$\Phi_{204}^{9}\,\Phi_{102}^{9}\,\Phi_{68}^{3}\,\Phi_{51}^{9}\,\Phi_{34}^{2}\,\Phi_{17}^{2}\,\Phi_{12}^{9}\,\Phi_{6}^{9}\,\Phi_{4}^{3}\,\Phi_{3}^{9}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
92144	1395	85	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{16}{85}$	$\frac{23}{85}$	$\Phi_{85}^{15}\,\Phi_{17}^{22}\,\Phi_{5}^{15}\,\Phi_{1}^{23}$
92145	1395	41	$\frac{1}{41}$	$\frac{8}{41}$	$\frac{10}{41}$	$\frac{11}{41}$	$\Phi_{41}^{34}\,\Phi_{1}^{35}$
92146	1395	932	$\frac{11}{466}$	$\frac{91}{466}$	$\frac{1}{4}$	$\frac{125}{466}$	$\Phi_{932}^{2}\,\Phi_{466}\,\Phi_{233}\,\Phi_{4}\,\Phi_{1}$
92147	1395	308	$\frac{2}{77}$	$\frac{15}{77}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{308}^{4}\,\Phi_{154}^{4}\,\Phi_{77}^{6}\,\Phi_{44}^{4}\,\Phi_{28}^{4}\,\Phi_{22}^{4}\,\Phi_{14}^{4}\,\Phi_{11}^{6}\,\Phi_{7}^{6}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{9}$
92148	1395	96	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{96}^{18}\,\Phi_{48}^{18}\,\Phi_{32}^{9}\,\Phi_{24}^{18}\,\Phi_{16}^{9}\,\Phi_{12}^{14}\,\Phi_{8}^{9}\,\Phi_{6}^{13}\,\Phi_{4}^{7}\,\Phi_{3}^{13}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
92149	1395	644	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{644}^{2}\,\Phi_{322}^{2}\,\Phi_{161}^{3}\,\Phi_{92}^{2}\,\Phi_{46}^{2}\,\Phi_{23}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
92150	1395	176	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{176}^{9}\,\Phi_{88}^{9}\,\Phi_{44}^{5}\,\Phi_{22}^{4}\,\Phi_{16}^{9}\,\Phi_{11}^{4}\,\Phi_{8}^{9}\,\Phi_{4}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
92151	1395	132	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{132}^{10}\,\Phi_{66}^{10}\,\Phi_{44}^{8}\,\Phi_{33}^{15}\,\Phi_{22}^{8}\,\Phi_{12}^{10}\,\Phi_{11}^{12}\,\Phi_{6}^{10}\,\Phi_{4}^{10}\,\Phi_{3}^{15}\,\Phi_{2}^{10}\,\Phi_{1}^{15}$
92152	1395	168	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{168}^{9}\,\Phi_{84}^{9}\,\Phi_{56}^{9}\,\Phi_{42}^{9}\,\Phi_{28}^{5}\,\Phi_{24}^{9}\,\Phi_{21}^{9}\,\Phi_{14}^{4}\,\Phi_{12}^{9}\,\Phi_{8}^{9}\,\Phi_{7}^{4}\,\Phi_{6}^{9}\,\Phi_{4}^{7}\,\Phi_{3}^{9}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
92153	1395	1104	$\frac{3}{92}$	$\frac{1}{6}$	$\frac{89}{368}$	$\frac{1}{4}$	$\Phi_{1104}^{2}\,\Phi_{552}^{2}\,\Phi_{368}\,\Phi_{184}\,\Phi_{48}^{2}\,\Phi_{24}^{2}\,\Phi_{16}\,\Phi_{12}^{2}\,\Phi_{8}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
92154	1395	80	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{80}^{18}\,\Phi_{40}^{15}\,\Phi_{20}^{17}\,\Phi_{16}^{21}\,\Phi_{10}^{16}\,\Phi_{8}^{18}\,\Phi_{5}^{16}\,\Phi_{4}^{19}\,\Phi_{2}^{18}\,\Phi_{1}^{19}$
92155	1395	560	$\frac{1}{16}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{560}^{3}\,\Phi_{280}^{3}\,\Phi_{140}^{2}\,\Phi_{112}^{3}\,\Phi_{70}^{2}\,\Phi_{56}^{3}\,\Phi_{35}^{3}\,\Phi_{28}^{2}\,\Phi_{16}^{3}\,\Phi_{14}^{2}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
92156	1395	1380	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{22}{115}$	$\frac{1}{4}$	$\Phi_{1380}^{2}\,\Phi_{690}\,\Phi_{460}\,\Phi_{345}\,\Phi_{115}\,\Phi_{60}^{2}\,\Phi_{30}\,\Phi_{20}\,\Phi_{15}\,\Phi_{12}^{2}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
92157	1395	144	$\frac{1}{16}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{144}^{12}\,\Phi_{72}^{12}\,\Phi_{48}^{6}\,\Phi_{36}^{9}\,\Phi_{24}^{6}\,\Phi_{18}^{9}\,\Phi_{16}^{9}\,\Phi_{12}^{5}\,\Phi_{9}^{9}\,\Phi_{8}^{9}\,\Phi_{6}^{4}\,\Phi_{4}^{7}\,\Phi_{3}^{4}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
92158	1395	1092	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{85}{364}$	$\Phi_{1092}^{2}\,\Phi_{546}\,\Phi_{364}\,\Phi_{273}\,\Phi_{156}^{2}\,\Phi_{91}\,\Phi_{84}^{2}\,\Phi_{78}\,\Phi_{52}\,\Phi_{42}^{2}\,\Phi_{39}\,\Phi_{28}\,\Phi_{21}^{2}\,\Phi_{14}\,\Phi_{13}\,\Phi_{12}^{2}\,\Phi_{7}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
92159	1395	960	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{37}{192}$	$\frac{11}{48}$	$\Phi_{960}^{2}\,\Phi_{480}^{2}\,\Phi_{320}^{2}\,\Phi_{192}\,\Phi_{160}^{2}\,\Phi_{96}\,\Phi_{64}\,\Phi_{60}^{2}\,\Phi_{32}\,\Phi_{30}^{2}\,\Phi_{20}^{2}\,\Phi_{15}^{2}\,\Phi_{12}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
92160	1395	440	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{9}{40}$	$\Phi_{440}^{4}\,\Phi_{220}^{4}\,\Phi_{88}^{4}\,\Phi_{44}^{4}\,\Phi_{40}^{5}\,\Phi_{20}^{5}\,\Phi_{11}^{4}\,\Phi_{8}^{5}\,\Phi_{4}^{5}\,\Phi_{1}^{5}$
92161	1395	120	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{40}$	$\Phi_{120}^{18}\,\Phi_{60}^{18}\,\Phi_{40}^{9}\,\Phi_{30}^{2}\,\Phi_{24}^{18}\,\Phi_{20}^{9}\,\Phi_{15}^{2}\,\Phi_{12}^{18}\,\Phi_{10}\,\Phi_{8}^{9}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}^{9}\,\Phi_{3}\,\Phi_{1}$
92162	1395	34	$\frac{3}{34}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{34}$	$\Phi_{34}^{40}\,\Phi_{17}^{42}\,\Phi_{2}^{40}\,\Phi_{1}^{43}$
92163	1395	385	$\frac{1}{11}$	$\frac{4}{35}$	$\frac{2}{11}$	$\frac{1}{5}$	$\Phi_{385}^{4}\,\Phi_{77}^{4}\,\Phi_{35}^{5}\,\Phi_{11}^{4}\,\Phi_{7}^{5}\,\Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
92164	1395	300	$\frac{7}{100}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{300}^{6}\ \Phi_{150}^{5}\ \Phi_{100}^{3}\ \Phi_{75}^{5}\ \Phi_{60}^{6}\ \Phi_{50}^{2}\ \Phi_{30}^{6}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{10}^{3}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
92165	1395	330	$\frac{4}{55}$	$\frac{17}{110}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{330}^{5}\ \Phi_{165}^{5}\ \Phi_{110}^{2}\ \Phi_{66}^{5}\ \Phi_{55}^{3}\ \Phi_{33}^{5}\ \Phi_{30}^{6}\ \Phi_{22}^{2}\ \Phi_{15}^{6}\ \Phi_{11}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
92166	1395	210	$\frac{1}{10}$	$\frac{4}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{210}^{9}\ \Phi_{105}^{9}\ \Phi_{70}^{4}\ \Phi_{42}^{9}\ \Phi_{35}^{5}\ \Phi_{30}^{2}\ \Phi_{21}^{9}\ \Phi_{15}^{2}\ \Phi_{14}^{4}\ \Phi_{10}\ \Phi_{7}^{5}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
92167	1395	396	$\frac{1}{11}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{2}{11}$	$\Phi_{396}^{4}\ \Phi_{198}^{4}\ \Phi_{132}^{4}\ \Phi_{99}^{4}\ \Phi_{44}^{4}\ \Phi_{36}^{5}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{11}^{4}\ \Phi_{9}^{5}\ \Phi_{4}^{5}\ \Phi_{1}^{5}$
92168	1395	340	$\frac{7}{68}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{61}{340}$	$\Phi_{340}^{5}\ \Phi_{170}^{5}\ \Phi_{85}^{5}\ \Phi_{20}^{5}\ \Phi_{17}^{2}\ \Phi_{10}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{3}$
92169	1395	180	$\frac{1}{10}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^{10}\ \Phi_{45}^{10}\ \Phi_{36}^{5}\ \Phi_{30}^{2}\ \Phi_{20}^{10}\ \Phi_{18}^{5}\ \Phi_{15}^{2}\ \Phi_{12}^{5}\ \Phi_{10}\ \Phi_{9}^{5}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}^{5}\ \Phi_{3}\ \Phi_{1}$
92170	1396	696	$\frac{1}{348}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{347}{696}$	$\Phi_{696}^{4}\ \Phi_{232}^{4}\ \Phi_{24}^{4}\ \Phi_{8}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
92171	1396	558	$\frac{1}{279}$	$\frac{70}{279}$	$\frac{209}{558}$	$\frac{139}{279}$	$\Phi_{558}^{4}\ \Phi_{279}\ \Phi_{186}^{4}\ \Phi_{93}\ \Phi_{62}^{4}\ \Phi_{31}\ \Phi_{18}^{4}\ \Phi_{9}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
92172	1396	1398	$\frac{1}{233}$	$\frac{117}{466}$	$\frac{1}{3}$	$\frac{116}{233}$	$\Phi_{1398}^{2}\ \Phi_{699}\ \Phi_{6}^{2}$
92173	1396	695	$\frac{3}{695}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{346}{695}$	$\Phi_{695}^{2}\ \Phi_{139}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
92174	1396	620	$\frac{1}{155}$	$\frac{39}{310}$	$\frac{271}{620}$	$\frac{77}{155}$	$\Phi_{620}^{4}\ \Phi_{155}\ \Phi_{124}^{4}\ \Phi_{31}\ \Phi_{20}^{4}\ \Phi_{5}\ \Phi_{4}^{4}\ \Phi_{1}^{2}$
92175	1396	465	$\frac{1}{155}$	$\frac{116}{465}$	$\frac{39}{155}$	$\frac{77}{155}$	$\Phi_{465}^{4}\ \Phi_{155}\ \Phi_{93}^{4}\ \Phi_{31}\ \Phi_{15}^{4}\ \Phi_{5}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
92176	1396	693	$\frac{5}{693}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{344}{693}$	$\Phi_{693}^{2}\ \Phi_{231}^{2}\ \Phi_{99}^{2}\ \Phi_{77}^{2}\ \Phi_{63}^{2}\ \Phi_{33}^{2}\ \Phi_{21}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
92177	1396	651	$\frac{1}{93}$	$\frac{47}{651}$	$\frac{302}{651}$	$\frac{46}{93}$	$\Phi_{651}^{2}\ \Phi_{217}^{2}\ \Phi_{93}^{3}\ \Phi_{31}^{3}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
92178	1396	690	$\frac{4}{345}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{341}{690}$	$\Phi_{690}^{4}\ \Phi_{230}^{4}\ \Phi_{138}^{4}\ \Phi_{46}^{4}\ \Phi_{30}^{4}\ \Phi_{15}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
92179	1396	690	$\frac{4}{345}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{341}{690}$	$\Phi_{690}^{4}\ \Phi_{230}^{4}\ \Phi_{138}^{4}\ \Phi_{46}^{4}\ \Phi_{30}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
92180	1396	1377	$\frac{19}{1377}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{679}{1377}$	$\Phi_{1377}\ \Phi_{459}\ \Phi_{153}\ \Phi_{81}\ \Phi_{51}\ \Phi_{27}^{2}\ \Phi_{17}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
92181	1396	420	$\frac{1}{70}$	$\frac{71}{420}$	$\frac{1}{5}$	$\frac{69}{140}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{4}\ \Phi_{70}^{4}\ \Phi_{60}^{4}\ \Phi_{42}^{4}\ \Phi_{35}^{4}\ \Phi_{30}^{4}\ \Phi_{21}^{4}\ \Phi_{15}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
92182	1396	1375	$\frac{21}{1375}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{677}{1375}$	$\Phi_{1375}\ \Phi_{275}\ \Phi_{125}\ \Phi_{55}\ \Phi_{25}^{2}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
92183	1396	468	$\frac{2}{117}$	$\frac{1}{9}$	$\frac{119}{468}$	$\frac{115}{234}$	$\Phi_{468}^{4}\ \Phi_{156}^{4}\ \Phi_{117}^{4}\ \Phi_{52}^{4}\ \Phi_{39}^{4}\ \Phi_{36}^{4}\ \Phi_{13}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
92184	1396	3430	$\frac{6}{343}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{337}{686}$	$\Phi_{3430}\ \Phi_{490}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
92185	1396	400	$\frac{1}{50}$	$\frac{51}{400}$	$\frac{1}{5}$	$\frac{49}{100}$	$\Phi_{400}^{4}\ \Phi_{200}^{4}\ \Phi_{80}^{4}\ \Phi_{50}^{4}\ \Phi_{40}^{4}\ \Phi_{25}^{4}\ \Phi_{16}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
92186	1396	684	$\frac{7}{342}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{335}{684}$	$\Phi_{684}^{4}\ \Phi_{228}^{4}\ \Phi_{76}^{4}\ \Phi_{36}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
92187	1396	675	$\frac{1}{45}$	$\frac{23}{675}$	$\frac{326}{675}$	$\frac{22}{45}$	$\Phi_{675}^{2}\ \Phi_{225}^{2}\ \Phi_{135}^{2}\ \Phi_{75}^{2}\ \Phi_{45}^{3}\ \Phi_{27}^{2}\ \Phi_{25}^{2}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
92188	1396	450	$\frac{1}{45}$	$\frac{23}{225}$	$\frac{101}{450}$	$\frac{22}{45}$	$\Phi_{450}^{4}\ \Phi_{225}^{2}\ \Phi_{150}^{4}\ \Phi_{90}^{4}\ \Phi_{75}^{2}\ \Phi_{50}^{4}\ \Phi_{45}^{3}\ \Phi_{30}^{4}\ \Phi_{25}^{2}\ \Phi_{18}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
92189	1396	405	$\frac{1}{45}$	$\frac{56}{405}$	$\frac{23}{135}$	$\frac{22}{45}$	$\Phi_{405}^{4}\ \Phi_{135}^{2}\ \Phi_{81}^{4}\ \Phi_{45}^{3}\ \Phi_{27}^{2}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
92190	1396	1365	$\frac{31}{1365}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{667}{1365}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}\ \Phi_{39}\ \Phi_{35}^{2}\ \Phi_{21}\ \Phi_{15}\ \Phi_{13}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
92191	1396	682	$\frac{8}{341}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{333}{682}$	$\Phi_{682}^{4}\ \Phi_{62}^{4}\ \Phi_{31}\ \Phi_{22}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
92192	1396	682	$\frac{8}{341}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{333}{682}$	$\Phi_{682}^{4}\ \Phi_{62}^{4}\ \Phi_{31}\ \Phi_{22}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
92193	1396	680	$\frac{9}{340}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{331}{680}$	$\Phi_{680}^{4}\ \Phi_{136}^{4}\ \Phi_{40}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
92194	1396	1023	$\frac{1}{31}$	$\frac{16}{341}$	$\frac{325}{1023}$	$\frac{15}{31}$	$\Phi_{1023}^{2}\ \Phi_{93}^{2}\ \Phi_{33}^{2}\ \Phi_{31}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
92195	1396	372	$\frac{1}{31}$	$\frac{23}{372}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{372}^{4}\ \Phi_{186}^{4}\ \Phi_{124}^{4}\ \Phi_{93}^{4}\ \Phi_{62}^{4}\ \Phi_{31}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
92196	1396	675	$\frac{23}{675}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{326}{675}$	$\Phi_{675}^{2}\ \Phi_{225}^{2}\ \Phi_{135}^{2}\ \Phi_{75}^{2}\ \Phi_{45}^{2}\ \Phi_{27}^{2}\ \Phi_{25}^{4}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
92197	1396	675	$\frac{23}{675}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{326}{675}$	$\Phi_{675}^{2}\ \Phi_{225}^{2}\ \Phi_{135}^{2}\ \Phi_{75}^{2}\ \Phi_{45}^{2}\ \Phi_{27}^{4}\ \Phi_{25}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
92198	1396	3360	$\frac{13}{336}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{323}{672}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{480}\ \Phi_{160}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
92199	1396	665	$\frac{33}{665}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{316}{665}$	$\Phi_{665}^{2}\ \Phi_{133}^{2}\ \Phi_{95}^{2}\ \Phi_{35}^{4}\ \Phi_{19}^{2}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
92200	1396	1035	$\frac{8}{345}$	$\frac{1}{15}$	$\frac{337}{1035}$	$\frac{7}{15}$	$\Phi_{1035}^2\ \Phi_{207}^2\ \Phi_{45}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
92201	1396	360	$\frac{11}{360}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4$ $\Phi_{18}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
92202	1396	1820	$\frac{15}{364}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{260}\ \Phi_{130}\ \Phi_{70}\ \Phi_{65}\ \Phi_{35}\ \Phi_{10}$
92203	1396	650	$\frac{1}{25}$	$\frac{24}{325}$	$\frac{1}{5}$	$\frac{301}{650}$	$\Phi_{650}^4\ \Phi_{130}^4\ \Phi_{50}^4\ \Phi_{26}^4\ \Phi_{25}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
92204	1396	378	$\frac{2}{27}$	$\frac{29}{378}$	$\frac{1}{9}$	$\frac{25}{54}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{126}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{27}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_9^3\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
92205	1396	648	$\frac{2}{27}$	$\frac{25}{324}$	$\frac{1}{9}$	$\frac{299}{648}$	$\Phi_{648}^4\ \Phi_{216}^4\ \Phi_{72}^4\ \Phi_{27}^4\ \Phi_{24}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
92206	1396	1287	$\frac{8}{117}$	$\frac{109}{1287}$	$\frac{1}{9}$	$\frac{589}{1287}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}^2\ \Phi_{99}\ \Phi_{39}^2\ \Phi_{33}\ \Phi_{13}^2\ \Phi_{11}\ \Phi_9\ \Phi_3\ \Phi_1^2$
92207	1396	360	$\frac{11}{360}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{18}^4$ $\Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
92208	1396	630	$\frac{1}{45}$	$\frac{34}{315}$	$\frac{11}{45}$	$\frac{281}{630}$	$\Phi_{630}^4\ \Phi_{210}^4\ \Phi_{126}^4\ \Phi_{90}^4\ \Phi_{70}^4\ \Phi_{45}^3\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{14}^4\ \Phi_{10}^4$ $\Phi_9^3\ \Phi_6^4\ \Phi_5^3\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
92209	1396	630	$\frac{1}{35}$	$\frac{34}{315}$	$\frac{1}{5}$	$\frac{281}{630}$	$\Phi_{630}^4\ \Phi_{210}^4\ \Phi_{126}^4\ \Phi_{90}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4$ $\Phi_6^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
92210	1396	396	$\frac{5}{99}$	$\frac{1}{9}$	$\frac{47}{396}$	$\frac{4}{9}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^4\ \Phi_{99}^2\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{36}^4\ \Phi_{33}^2\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{11}^2$ $\Phi_9^3\ \Phi_6^4\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
92211	1396	378	$\frac{29}{378}$	$\frac{5}{63}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{126}^4\ \Phi_{63}^2\ \Phi_{54}^4\ \Phi_{42}^4\ \Phi_{27}^4\ \Phi_{21}^2\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^3\ \Phi_7^2$ $\Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
92212	1396	1225	$\frac{4}{175}$	$\frac{171}{1225}$	$\frac{1}{5}$	$\frac{527}{1225}$	$\Phi_{1225}\ \Phi_{245}\ \Phi_{175}^2\ \Phi_{49}\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
92213	1396	600	$\frac{1}{50}$	$\frac{49}{300}$	$\frac{1}{5}$	$\frac{251}{600}$	$\Phi_{600}^4\ \Phi_{200}^4\ \Phi_{120}^4\ \Phi_{50}^4\ \Phi_{40}^4\ \Phi_{25}^4\ \Phi_{24}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
92214	1396	585	$\frac{4}{117}$	$\frac{1}{9}$	$\frac{113}{585}$	$\frac{236}{585}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{117}^4\ \Phi_{65}^2\ \Phi_{45}^2\ \Phi_{39}^4\ \Phi_{15}^2\ \Phi_{13}^4\ \Phi_9^3\ \Phi_5^2\ \Phi_3^3\ \Phi_1^4$
92215	1396	360	$\frac{11}{360}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4$ $\Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_5^4\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
92216	1396	560	$\frac{1}{70}$	$\frac{1}{5}$	$\frac{69}{280}$	$\frac{211}{560}$	$\Phi_{560}^4\ \Phi_{112}^4\ \Phi_{80}^4\ \Phi_{70}^4\ \Phi_{35}^4\ \Phi_{16}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
92217	1396	558	$\frac{1}{93}$	$\frac{23}{93}$	$\frac{70}{279}$	$\frac{209}{558}$	$\Phi_{558}^4\ \Phi_{186}^4\ \Phi_{93}^3\ \Phi_{62}^4\ \Phi_{31}^3\ \Phi_{18}^4\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
92218	1396	540	$\frac{1}{45}$	$\frac{11}{90}$	$\frac{79}{270}$	$\frac{191}{540}$	$\Phi_{540}^4\ \Phi_{180}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^3\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{12}^4$ $\Phi_{10}^4\ \Phi_9^3\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
92219	1396	1053	$\frac{8}{351}$	$\frac{1}{9}$	$\frac{343}{1053}$	$\frac{355}{1053}$	$\Phi_{1053}\ \Phi_{351}^2\ \Phi_{117}^2\ \Phi_{81}\ \Phi_{39}^2\ \Phi_{27}^2\ \Phi_{13}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
92220	1396	525	$\frac{2}{175}$	$\frac{1}{5}$	$\frac{173}{525}$	$\frac{176}{525}$	$\Phi_{525}^2\ \Phi_{175}^4\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{35}^4\ \Phi_{25}^4\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^4\ \Phi_5^3\ \Phi_3^2\ \Phi_1^4$
92221	1396	351	$\frac{2}{351}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{351}^4\ \Phi_{117}^4\ \Phi_{39}^4\ \Phi_{27}^4\ \Phi_{13}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
92222	1396	522	$\frac{1}{174}$	$\frac{173}{522}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{522}^4\ \Phi_{261}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
92223	1396	1056	$\frac{3}{352}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}^2\ \Phi_{264}\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}^2$ $\Phi_{33}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
92224	1396	1392	$\frac{1}{116}$	$\frac{115}{464}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}^2\ \Phi_{232}^2\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
92225	1396	435	$\frac{1}{87}$	$\frac{86}{435}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{435}^4\ \Phi_{145}^4\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
92226	1396	354	$\frac{5}{354}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{354}^4\ \Phi_{177}^4\ \Phi_{118}^4\ \Phi_{59}^4\ \Phi_3\ \Phi_1^2$
92227	1396	1218	$\frac{1}{58}$	$\frac{57}{406}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{406}^2\ \Phi_{203}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
92228	1396	783	$\frac{2}{87}$	$\frac{85}{783}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{783}^2\ \Phi_{261}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
92229	1396	360	$\frac{11}{360}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4$ $\Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
92230	1396	1131	$\frac{1}{29}$	$\frac{28}{377}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1131}\ \Phi_{377}^2\ \Phi_{39}\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
92231	1396	450	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{101}{450}$	$\frac{49}{150}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{90}^4\ \Phi_{50}^4\ \Phi_{45}^4\ \Phi_{25}^4\ \Phi_{18}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
92232	1396	420	$\frac{1}{35}$	$\frac{71}{420}$	$\frac{1}{5}$	$\frac{34}{105}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{14}^4$ $\Phi_{12}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
92233	1396	513	$\frac{7}{171}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{164}{513}$	$\Phi_{513}^4\ \Phi_{27}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
92234	1396	510	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{161}{510}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{102}^4\ \Phi_{51}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
92235	1396	1890	$\frac{1}{14}$	$\frac{29}{378}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{35}\ \Phi_{10}$
92236	1396	405	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{56}{405}$	$\frac{25}{81}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{45}^4\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_{9}^3\ \Phi_{5}^4\ \Phi_{3}^3\ \Phi_{1}^4$
92237	1396	2520	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{1}{5}$	$\frac{155}{504}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{360}\ \Phi_{315}\ \Phi_{180}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{35}\ \Phi_{10}$
92238	1396	375	$\frac{26}{375}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{75}$	$\Phi_{375}^4\ \Phi_{125}^4\ \Phi_{75}^2\ \Phi_{25}^4\ \Phi_{15}^2\ \Phi_{5}^3\ \Phi_{3}^2\ \Phi_{1}^4$
92239	1396	459	$\frac{19}{459}$	$\frac{1}{9}$	$\frac{110}{459}$	$\frac{8}{27}$	$\Phi_{459}^3\ \Phi_{153}^3\ \Phi_{51}^3\ \Phi_{27}^4\ \Phi_{17}^3\ \Phi_{9}^3\ \Phi_{3}^3\ \Phi_{1}^4$
92240	1396	729	$\frac{31}{729}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{729}^2\ \Phi_{243}^2\ \Phi_{81}\ \Phi_{27}^2\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
92241	1396	735	$\frac{37}{735}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}^2\ \Phi_{105}\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}^2\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
92242	1396	486	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{25}{162}$	$\frac{137}{486}$	$\Phi_{486}^4\ \Phi_{243}^4\ \Phi_{27}^4\ \Phi_{9}^3\ \Phi_{3}^3\ \Phi_{1}^4$
92243	1396	360	$\frac{11}{360}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{9}^4\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
92244	1396	372	$\frac{23}{372}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{372}^4\ \Phi_{186}^4\ \Phi_{124}^4\ \Phi_{93}^4\ \Phi_{62}^4\ \Phi_{31}\ \Phi_{12}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^2$
92245	1396	460	$\frac{4}{115}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{111}{460}$	$\Phi_{460}^4\ \Phi_{230}^4\ \Phi_{92}^4\ \Phi_{46}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
92246	1396	455	$\frac{31}{455}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{106}{455}$	$\Phi_{455}^3\ \Phi_{91}^3\ \Phi_{65}^3\ \Phi_{35}^4\ \Phi_{13}^3\ \Phi_{7}^4\ \Phi_{5}^3\ \Phi_{1}^4$
92247	1396	1960	$\frac{1}{14}$	$\frac{43}{392}$	$\frac{1}{5}$	$\frac{13}{56}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
92248	1396	432	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{83}{432}$	$\frac{25}{108}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{27}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{9}^3\ \Phi_{8}^4\ \Phi_{3}^3\ \Phi_{1}^4$
92249	1396	450	$\frac{2}{25}$	$\frac{23}{225}$	$\frac{1}{5}$	$\frac{101}{450}$	$\Phi_{450}^4\ \Phi_{225}^2\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^2\ \Phi_{50}^4\ \Phi_{45}^2\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_{9}^2\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
92250	1396	2240	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{5}$	$\frac{99}{448}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{320}\ \Phi_{160}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
92251	1396	420	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{71}{420}$	$\frac{1}{5}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^3\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^3\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{7}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
92252	1396	375	$\frac{26}{375}$	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\Phi_{375}^4\ \Phi_{125}^3\ \Phi_{75}^4\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{1}^4$
92253	1396	825	$\frac{21}{275}$	$\frac{127}{825}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{825}^2\ \Phi_{275}\ \Phi_{165}^2\ \Phi_{75}^2\ \Phi_{55}\ \Phi_{33}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
92254	1396	1960	$\frac{43}{392}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
92255	1396	405	$\frac{1}{9}$	$\frac{56}{405}$	$\frac{4}{27}$	$\frac{23}{135}$	$\Phi_{405}^4\ \Phi_{135}^2\ \Phi_{81}^4\ \Phi_{45}^2\ \Phi_{27}^4\ \Phi_{15}^2\ \Phi_{9}^3\ \Phi_{5}^2\ \Phi_{3}^3\ \Phi_{1}^4$
92256	1397	2784	$\frac{5}{1392}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1387}{2784}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{96}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
92257	1397	1260	$\frac{1}{126}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{125}{252}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^3$
92258	1397	1260	$\frac{1}{126}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{125}{252}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}^3\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{84}^3\ \Phi_{60}^2\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^3\ \Phi_{4}^3\ \Phi_{3}\ \Phi_{1}$
92259	1397	1680	$\frac{3}{280}$	$\frac{283}{1680}$	$\frac{1}{4}$	$\frac{277}{560}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
92260	1397	2760	$\frac{17}{1380}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1363}{2760}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{184}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
92261	1397	1600	$\frac{3}{200}$	$\frac{203}{1600}$	$\frac{1}{4}$	$\frac{197}{400}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
92262	1397	2744	$\frac{25}{1372}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1347}{2744}$	$\Phi_{2744}\ \Phi_{392}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
92263	1397	744	$\frac{3}{124}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{121}{248}$	$\Phi_{744}^4\ \Phi_{248}^3\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
92264	1397	2720	$\frac{37}{1360}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1323}{2720}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
92265	1397	2688	$\frac{53}{1344}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{1291}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{128}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
92266	1397	1456	$\frac{59}{1456}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{208}\ \Phi_{182}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}\ \Phi_{13}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
92267	1397	240	$\frac{7}{120}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{113}{240}$	$\Phi_{240}^{11}\ \Phi_{80}^{11}\ \Phi_{48}^{11}\ \Phi_{24}^4\ \Phi_{16}^{11}\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
92268	1397	2600	$\frac{3}{100}$	$\frac{97}{1300}$	$\frac{1}{4}$	$\frac{1203}{2600}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{200}\ \Phi_{104}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
92269	1397	1440	$\frac{43}{1440}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
92270	1397	2580	$\frac{2}{129}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{516}\ \Phi_{172}\ \Phi_{129}\ \Phi_{43}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
92271	1397	3780	$\frac{1}{63}$	$\frac{1}{10}$	$\frac{62}{189}$	$\frac{9}{20}$	$\Phi_{3780}\ \Phi_{756}\ \Phi_{540}\ \Phi_{189}\ \Phi_{108}\ \Phi_{27}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
92272	1397	260	$\frac{3}{130}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{260}^{4}\ \Phi_{130}^{7}\ \Phi_{65}^{7}\ \Phi_{52}^{4}\ \Phi_{26}^{7}\ \Phi_{20}^{3}\ \Phi_{13}^{7}\ \Phi_{10}^{5}\ \Phi_{5}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
92273	1397	840	$\frac{1}{42}$	$\frac{1}{10}$	$\frac{41}{168}$	$\frac{9}{20}$	$\Phi_{840}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{3}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{84}\ \Phi_{70}^{2}\ \Phi_{56}^{3}\ \Phi_{42}^{2}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{28}\ \Phi_{24}^{3}\ \Phi_{21}^{2}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
92274	1397	660	$\frac{5}{132}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{2}\ \Phi_{165}^{2}\ \Phi_{132}^{3}\ \Phi_{110}^{2}\ \Phi_{66}^{3}\ \Phi_{55}^{2}\ \Phi_{44}^{3}\ \Phi_{33}^{3}\ \Phi_{30}^{2}\ \Phi_{22}^{3}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{11}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
92275	1397	2660	$\frac{6}{133}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{2660}\ \Phi_{532}\ \Phi_{380}\ \Phi_{133}\ \Phi_{76}\ \Phi_{20}\ \Phi_{19}\ \Phi_{4}\ \Phi_{1}$
92276	1397	2940	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{20}{147}$	$\frac{9}{20}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{196}\ \Phi_{147}\ \Phi_{49}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
92277	1397	720	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{17}{144}$	$\frac{9}{20}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{144}^{3}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{80}^{2}\ \Phi_{72}^{3}\ \Phi_{48}^{3}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{20}\ \Phi_{18}^{2}\ \Phi_{16}^{3}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
92278	1397	540	$\frac{8}{135}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{540}^{5}\ \Phi_{180}^{4}\ \Phi_{135}\ \Phi_{108}^{5}\ \Phi_{60}^{4}\ \Phi_{45}\ \Phi_{36}^{4}\ \Phi_{27}\ \Phi_{20}^{5}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{5}\ \Phi_{4}^{5}\ \Phi_{1}$
92279	1397	140	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{140}^{9}\ \Phi_{70}^{11}\ \Phi_{35}^{11}\ \Phi_{28}^{9}\ \Phi_{20}^{10}\ \Phi_{14}^{10}\ \Phi_{10}^{11}\ \Phi_{7}^{10}\ \Phi_{5}^{11}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
92280	1397	2520	$\frac{3}{140}$	$\frac{137}{1260}$	$\frac{1}{4}$	$\frac{1123}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{72}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
92281	1397	672	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{15}{112}$	$\frac{97}{224}$	$\Phi_{672}^{4}\ \Phi_{224}^{3}\ \Phi_{96}^{4}\ \Phi_{48}^{4}\ \Phi_{32}^{3}\ \Phi_{24}^{4}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
92282	1397	2400	$\frac{3}{200}$	$\frac{197}{1200}$	$\frac{1}{4}$	$\frac{1003}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{96}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
92283	1397	1152	$\frac{1}{128}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1152}\ \Phi_{576}\ \Phi_{384}^{2}\ \Phi_{288}\ \Phi_{192}^{2}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}^{2}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}^{2}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
92284	1397	2240	$\frac{3}{280}$	$\frac{277}{1120}$	$\frac{1}{4}$	$\frac{843}{2240}$	$\Phi_{2240}\ \Phi_{448}\ \Phi_{320}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{64}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
92285	1397	2088	$\frac{5}{696}$	$\frac{1}{4}$	$\frac{691}{2088}$	$\frac{3}{8}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{522}\ \Phi_{261}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
92286	1397	128	$\frac{1}{128}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{128}^{11}\ \Phi_{64}^{11}\ \Phi_{32}^{11}\ \Phi_{16}^{10}\ \Phi_{8}^{11}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
92287	1397	1856	$\frac{5}{464}$	$\frac{459}{1856}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{64}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
92288	1397	1416	$\frac{19}{1416}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{472}\ \Phi_{354}\ \Phi_{236}\ \Phi_{177}\ \Phi_{118}\ \Phi_{59}\ \Phi_{8}\ \Phi_{1}$
92289	1397	1624	$\frac{5}{232}$	$\frac{227}{1624}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1624}\ \Phi_{812}\ \Phi_{406}\ \Phi_{203}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
92290	1397	1440	$\frac{43}{1440}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
92291	1397	192	$\frac{1}{32}$	$\frac{1}{12}$	$\frac{31}{96}$	$\frac{65}{192}$	$\Phi_{192}^{11}\ \Phi_{96}^{4}\ \Phi_{64}^{11}\ \Phi_{48}^{4}\ \Phi_{32}^{3}\ \Phi_{24}^{4}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
92292	1397	645	$\frac{2}{129}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{645}^{2}\ \Phi_{215}^{2}\ \Phi_{129}^{3}\ \Phi_{43}^{3}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
92293	1397	1800	$\frac{3}{200}$	$\frac{403}{1800}$	$\frac{1}{4}$	$\frac{197}{600}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{100}\ \Phi_{90}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
92294	1397	945	$\frac{1}{63}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{62}{189}$	$\Phi_{945}^{2}\ \Phi_{189}^{3}\ \Phi_{135}^{2}\ \Phi_{27}^{3}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
92295	1397	1680	$\frac{3}{140}$	$\frac{283}{1680}$	$\frac{1}{4}$	$\frac{137}{420}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
92296	1397	1512	$\frac{3}{56}$	$\frac{115}{1512}$	$\frac{1}{4}$	$\frac{53}{168}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
92297	1397	2040	$\frac{37}{680}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{643}{2040}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{120}\ \Phi_{102}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
92298	1397	2016	$\frac{3}{56}$	$\frac{53}{672}$	$\frac{1}{4}$	$\frac{619}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
92299	1397	144	$\frac{1}{12}$	$\frac{17}{144}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{144}^{11}\ \Phi_{72}^{11}\ \Phi_{48}^{11}\ \Phi_{36}^{11}\ \Phi_{24}^{4}\ \Phi_{18}^{11}\ \Phi_{16}^{11}\ \Phi_{12}^{3}\ \Phi_{9}^{11}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
92300	1397	1440	$\frac{43}{1440}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
92301	1397	840	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{41}{168}$	$\frac{4}{15}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{168}^{3}\ \Phi_{140}^{2}\ \Phi_{120}^{2}\ \Phi_{84}^{3}\ \Phi_{60}^{2}\ \Phi_{56}^{3}\ \Phi_{40}^{2}\ \Phi_{28}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
92302	1397	660	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{2}\ \Phi_{165}^{2}\ \Phi_{132}^{3}\ \Phi_{110}^{2}\ \Phi_{66}^{3}\ \Phi_{60}^{2}\ \Phi_{55}^{2}\ \Phi_{44}^{3}\ \Phi_{33}^{3}\ \Phi_{22}^{3}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{3}\ \Phi_{11}^{3}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
92303	1397	1995	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1995}\ \Phi_{399}\ \Phi_{285}\ \Phi_{133}\ \Phi_{57}\ \Phi_{19}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
92304	1397	735	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{735}^{2}\ \Phi_{245}^{2}\ \Phi_{147}^{3}\ \Phi_{49}^{3}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
92305	1397	720	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{180}^{2}\ \Phi_{144}^{3}\ \Phi_{120}^{2}\ \Phi_{80}^{2}\ \Phi_{72}^{3}\ \Phi_{60}^{2}\ \Phi_{48}^{3}\ \Phi_{40}^{2}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{15}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
92306	1397	135	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{135}^{11}\ \Phi_{45}^{9}\ \Phi_{27}^{11}\ \Phi_{15}^{10}\ \Phi_{9}^{8}\ \Phi_{5}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{9}$
92307	1397	420	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{420}^{5}\ \Phi_{210}^{4}\ \Phi_{140}\ \Phi_{105}^{4}\ \Phi_{84}^{5}\ \Phi_{70}\ \Phi_{60}^{5}\ \Phi_{42}^{4}\ \Phi_{35}\ \Phi_{30}^{4}\ \Phi_{28}\ \Phi_{21}^{4}\ \Phi_{20}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^{5}\ \Phi_{1}$
92308	1397	1840	$\frac{17}{460}$	$\frac{3}{20}$	$\frac{443}{1840}$	$\frac{1}{4}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{368}\ \Phi_{184}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
92309	1397	1568	$\frac{3}{56}$	$\frac{171}{1568}$	$\frac{53}{224}$	$\frac{1}{4}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
92310	1397	1792	$\frac{3}{56}$	$\frac{53}{448}$	$\frac{395}{1792}$	$\frac{1}{4}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{256}\ \Phi_{128}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
92311	1397	1680	$\frac{3}{56}$	$\frac{53}{336}$	$\frac{283}{1680}$	$\frac{1}{4}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
92312	1397	1568	$\frac{3}{28}$	$\frac{171}{1568}$	$\frac{25}{196}$	$\frac{1}{4}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
92313	1397	480	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{160}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{3}\ \Phi_{96}^{4}\ \Phi_{80}^{3}\ \Phi_{48}^{4}\ \Phi_{32}^{3}\ \Phi_{24}^{4}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
92314	1398	2320	$\frac{1}{232}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{231}{464}$	$\Phi_{2320}\ \Phi_{464}^{2}\ \Phi_{80}\ \Phi_{16}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
92315	1398	1392	$\frac{1}{232}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{231}{464}$	$\Phi_{1392}^{3}\ \Phi_{48}^{3}\ \Phi_{12}\ \Phi_{6}$
92316	1398	4170	$\frac{4}{695}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{691}{1390}$	$\Phi_{4170}\ \Phi_{834}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
92317	1398	840	$\frac{1}{140}$	$\frac{47}{280}$	$\frac{1}{3}$	$\frac{139}{280}$	$\Phi_{840}^{2}\ \Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{168}^{2}\ \Phi_{120}^{2}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{60}^{3}\ \Phi_{42}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{2}\ \Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
92318	1398	1270	$\frac{1}{127}$	$\frac{64}{635}$	$\frac{571}{1270}$	$\frac{63}{127}$	$\Phi_{1270}^{2}\ \Phi_{254}^{2}\ \Phi_{127}\ \Phi_{10}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
92319	1398	462	$\frac{2}{231}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{229}{462}$	$\Phi_{462}^{6}\ \Phi_{154}^{6}\ \Phi_{66}^{6}\ \Phi_{42}^{6}\ \Phi_{22}^{6}\ \Phi_{14}^{6}\ \Phi_{11}\ \Phi_{6}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
92320	1398	462	$\frac{2}{231}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{229}{462}$	$\Phi_{462}^{6}\ \Phi_{154}^{6}\ \Phi_{66}^{6}\ \Phi_{42}^{6}\ \Phi_{22}^{6}\ \Phi_{21}\ \Phi_{14}^{6}\ \Phi_{6}^{6}\ \Phi_{2}^{6}$
92321	1398	2400	$\frac{1}{100}$	$\frac{101}{800}$	$\frac{1}{3}$	$\frac{99}{200}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
92322	1398	2184	$\frac{1}{78}$	$\frac{1}{7}$	$\frac{79}{312}$	$\frac{77}{156}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{546}\ \Phi_{273}\ \Phi_{182}\ \Phi_{168}\ \Phi_{91}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
92323	1398	1380	$\frac{3}{230}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{227}{460}$	$\Phi_{1380}^{3}\ \Phi_{276}^{3}\ \Phi_{60}^{3}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^{3}\ \Phi_{6}$
92324	1398	4116	$\frac{13}{686}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{673}{1372}$	$\Phi_{4116}\ \Phi_{588}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
92325	1398	3192	$\frac{5}{228}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{223}{456}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{168}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
92326	1398	1364	$\frac{17}{682}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{665}{1364}$	$\Phi_{1364}^{2}\ \Phi_{124}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
92327	1398	4080	$\frac{19}{680}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{661}{1360}$	$\Phi_{4080}\ \Phi_{816}\ \Phi_{240}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
92328	1398	450	$\frac{8}{225}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{217}{450}$	$\Phi_{450}^{6}\ \Phi_{150}^{6}\ \Phi_{90}^{6}\ \Phi_{75}\ \Phi_{50}^{6}\ \Phi_{30}^{6}\ \Phi_{18}^{6}\ \Phi_{15}\ \Phi_{10}^{6}\ \Phi_{6}^{6}\ \Phi_{2}^{6}$
92329	1398	3150	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{217}{450}$	$\Phi_{3150}\ \Phi_{1050}\ \Phi_{630}\ \Phi_{350}\ \Phi_{210}\ \Phi_{126}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
92330	1398	2184	$\frac{1}{28}$	$\frac{29}{728}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
92331	1398	1820	$\frac{1}{26}$	$\frac{27}{260}$	$\frac{1}{7}$	$\frac{25}{52}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{182}\ \Phi_{140}\ \Phi_{91}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
92332	1398	254	$\frac{5}{127}$	$\frac{21}{254}$	$\frac{22}{127}$	$\frac{61}{127}$	$\Phi_{254}^{6}\ \Phi_{127}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
92333	1398	1344	$\frac{1}{28}$	$\frac{9}{224}$	$\frac{1}{3}$	$\frac{215}{448}$	$\Phi_{1344}^{3}\ \Phi_{192}^{3}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
92334	1398	240	$\frac{7}{240}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{240}^{6}\ \Phi_{120}^{5}\ \Phi_{80}^{6}\ \Phi_{60}^{6}\ \Phi_{48}^{6}\ \Phi_{40}^{6}\ \Phi_{30}^{6}\ \Phi_{24}^{5}\ \Phi_{20}^{6}\ \Phi_{16}^{6}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{10}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
92335	1398	3990	$\frac{1}{35}$	$\frac{34}{665}$	$\frac{1}{3}$	$\frac{631}{1330}$	$\Phi_{3990}\ \Phi_{798}\ \Phi_{570}\ \Phi_{210}\ \Phi_{114}\ \Phi_{105}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{6}$
92336	1398	3094	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{209}{442}$	$\Phi_{3094}\ \Phi_{238}\ \Phi_{182}\ \Phi_{91}\ \Phi_{14}$
92337	1398	252	$\frac{1}{18}$	$\frac{19}{252}$	$\frac{1}{7}$	$\frac{17}{36}$	$\Phi_{252}^{5}\ \Phi_{126}^{6}\ \Phi_{84}^{5}\ \Phi_{63}^{6}\ \Phi_{42}^{6}\ \Phi_{36}^{6}\ \Phi_{28}^{5}\ \Phi_{21}^{6}\ \Phi_{18}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
92338	1398	440	$\frac{13}{220}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{207}{440}$	$\Phi_{440}^{6}\ \Phi_{88}^{6}\ \Phi_{44}^{2}\ \Phi_{40}^{6}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{8}^{6}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
92339	1398	3900	$\frac{1}{50}$	$\frac{49}{650}$	$\frac{1}{3}$	$\frac{601}{1300}$	$\Phi_{3900}\ \Phi_{780}\ \Phi_{300}\ \Phi_{156}\ \Phi_{150}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
92340	1398	3024	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{1}{7}$	$\frac{199}{432}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{336}\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
92341	1398	308	$\frac{2}{77}$	$\frac{1}{11}$	$\frac{75}{308}$	$\frac{5}{11}$	$\Phi_{308}^{6}\ \Phi_{154}^{6}\ \Phi_{44}^{6}\ \Phi_{28}^{6}\ \Phi_{22}^{6}\ \Phi_{14}^{6}\ \Phi_{11}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
92342	1398	242	$\frac{9}{242}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{242}^{6}\ \Phi_{121}^{6}\ \Phi_{22}^{6}\ \Phi_{11}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
92343	1398	264	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{31}{264}$	$\frac{5}{11}$	$\Phi_{264}^{6}\ \Phi_{132}^{6}\ \Phi_{88}^{6}\ \Phi_{66}^{6}\ \Phi_{44}^{6}\ \Phi_{24}^{6}\ \Phi_{22}^{6}\ \Phi_{12}^{6}\ \Phi_{11}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
92344	1398	770	$\frac{6}{77}$	$\frac{1}{11}$	$\frac{71}{770}$	$\frac{5}{11}$	$\Phi_{770}^{2}\ \Phi_{385}^{2}\ \Phi_{154}^{2}\ \Phi_{110}^{2}\ \Phi_{70}^{2}\ \Phi_{55}^{2}\ \Phi_{35}^{2}\ \Phi_{22}^{2}\ \Phi_{14}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
92345	1398	420	$\frac{1}{70}$	$\frac{23}{210}$	$\frac{1}{3}$	$\frac{187}{420}$	$\Phi_{420}^{6}\ \Phi_{210}\ \Phi_{140}^{6}\ \Phi_{105}\ \Phi_{84}^{6}\ \Phi_{60}^{6}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}^{6}\ \Phi_{21}\ \Phi_{20}^{6}\ \Phi_{15}\ \Phi_{12}^{6}\ \Phi_{6}\ \Phi_{4}^{6}$
92346	1398	2912	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{1}{7}$	$\frac{183}{416}$	$\Phi_{2912}\ \Phi_{224}\ \Phi_{182}\ \Phi_{91}\ \Phi_{14}$
92347	1398	1232	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{83}{616}$	$\frac{533}{1232}$	$\Phi_{1232}^{2}\ \Phi_{176}^{2}\ \Phi_{112}^{2}\ \Phi_{88}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
92348	1398	1200	$\frac{1}{100}$	$\frac{33}{200}$	$\frac{1}{3}$	$\frac{167}{400}$	$\Phi_{1200}^{3}\ \Phi_{300}\ \Phi_{240}^{3}\ \Phi_{150}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}^{3}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
92349	1398	1680	$\frac{7}{240}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
92350	1398	2730	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{38}{195}$	$\frac{157}{390}$	$\Phi_{2730}\ \Phi_{910}\ \Phi_{546}\ \Phi_{273}\ \Phi_{210}\ \Phi_{182}\ \Phi_{91}\ \Phi_{70}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
92351	1398	1740	$\frac{1}{116}$	$\frac{1}{5}$	$\frac{115}{348}$	$\frac{2}{5}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{348}^{2}\ \Phi_{174}^{2}\ \Phi_{87}^{2}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
92352	1398	1180	$\frac{3}{236}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1180}\ \Phi_{590}\ \Phi_{295}\ \Phi_{236}^{2}\ \Phi_{118}^{2}\ \Phi_{59}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
92353	1398	290	$\frac{1}{58}$	$\frac{57}{290}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{290}^{5}\ \Phi_{145}^{5}\ \Phi_{58}^{4}\ \Phi_{29}^{4}\ \Phi_{10}^{5}\ \Phi_{5}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
92354	1398	240	$\frac{7}{240}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{240}^{6}\ \Phi_{120}^{6}\ \Phi_{80}^{6}\ \Phi_{60}^{6}\ \Phi_{48}^{5}\ \Phi_{40}^{6}\ \Phi_{30}^{6}\ \Phi_{24}^{6}\ \Phi_{20}^{5}\ \Phi_{16}^{6}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{10}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
92355	1398	1305	$\frac{1}{29}$	$\frac{28}{261}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}^{2}\ \Phi_{87}^{2}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
92356	1398	381	$\frac{1}{127}$	$\frac{85}{381}$	$\frac{42}{127}$	$\frac{148}{381}$	$\Phi_{381}^{3}\ \Phi_{127}^{5}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
92357	1398	1016	$\frac{1}{127}$	$\frac{63}{254}$	$\frac{317}{1016}$	$\frac{191}{508}$	$\Phi_{1016}^{2}\ \Phi_{254}^{2}\ \Phi_{127}\ \Phi_{8}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
92358	1398	3360	$\frac{1}{140}$	$\frac{139}{560}$	$\frac{1}{3}$	$\frac{421}{1120}$	$\Phi_{3360}\ \Phi_{672}\ \Phi_{480}\ \Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{96}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
92359	1398	2112	$\frac{5}{704}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{12}\ \Phi_{6}$
92360	1398	254	$\frac{4}{127}$	$\frac{21}{254}$	$\frac{41}{127}$	$\frac{43}{127}$	$\Phi_{254}^{6}\ \Phi_{127}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
92361	1398	352	$\frac{5}{176}$	$\frac{1}{11}$	$\frac{57}{176}$	$\frac{119}{352}$	$\Phi_{352}^{6}\ \Phi_{176}^{2}\ \Phi_{88}^{2}\ \Phi_{44}^{2}\ \Phi_{32}^{6}\ \Phi_{22}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
92362	1398	1050	$\frac{1}{175}$	$\frac{58}{175}$	$\frac{1}{3}$	$\frac{117}{350}$	$\Phi_{1050}^{3}\ \Phi_{525}\ \Phi_{210}^{3}\ \Phi_{150}^{3}\ \Phi_{105}\ \Phi_{75}\ \Phi_{42}^{3}\ \Phi_{30}^{3}\ \Phi_{21}\ \Phi_{15}\ \Phi_{6}^{3}$
92363	1398	348	$\frac{1}{116}$	$\frac{1}{4}$	$\frac{115}{348}$	$\frac{1}{3}$	$\Phi_{348}^{3}\ \Phi_{174}^{3}\ \Phi_{116}^{6}\ \Phi_{87}^{3}\ \Phi_{58}^{6}\ \Phi_{29}^{6}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
92364	1398	300	$\frac{1}{100}$	$\frac{67}{300}$	$\frac{33}{100}$	$\frac{1}{3}$	$\Phi_{300}^4\ \Phi_{150}^4\ \Phi_{100}^6\ \Phi_{75}^4\ \Phi_{60}^4\ \Phi_{50}^6\ \Phi_{30}^4\ \Phi_{25}^6\ \Phi_{20}^6\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
92365	1398	840	$\frac{1}{70}$	$\frac{47}{280}$	$\frac{23}{70}$	$\frac{1}{3}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{210}\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{105}\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}^3\ \Phi_6$
92366	1398	252	$\frac{1}{28}$	$\frac{19}{252}$	$\frac{9}{28}$	$\frac{1}{3}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^4\ \Phi_{63}^6\ \Phi_{42}^4\ \Phi_{36}^6\ \Phi_{28}^6\ \Phi_{21}^4\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_{12}^4\ \Phi_9^6\ \Phi_7^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
92367	1398	750	$\frac{1}{25}$	$\frac{17}{250}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{750}^3\ \Phi_{375}^3\ \Phi_{150}^3\ \Phi_{75}\ \Phi_{30}^3\ \Phi_{15}\ \Phi_6^3$
92368	1398	1020	$\frac{1}{20}$	$\frac{19}{340}$	$\frac{107}{340}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{255}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{60}^3\ \Phi_{51}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
92369	1398	336	$\frac{1}{28}$	$\frac{9}{112}$	$\frac{103}{336}$	$\frac{1}{3}$	$\Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^6\ \Phi_{84}^4\ \Phi_{56}^6\ \Phi_{48}^3\ \Phi_{42}^4\ \Phi_{28}^6\ \Phi_{24}^3\ \Phi_{21}^4\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_{12}^4\ \Phi_8^6\ \Phi_7^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
92370	1398	240	$\frac{7}{240}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^6\ \Phi_{60}^6\ \Phi_{48}^6\ \Phi_{40}^6\ \Phi_{30}^4\ \Phi_{24}^6\ \Phi_{20}^6\ \Phi_{16}^6\ \Phi_{15}^4\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_8^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
92371	1398	714	$\frac{5}{238}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{714}^3\ \Phi_{357}^3\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{42}^3\ \Phi_{21}\ \Phi_6^3$
92372	1398	708	$\frac{3}{236}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{708}^3\ \Phi_{354}^3\ \Phi_{177}^3\ \Phi_{12}\ \Phi_6$
92373	1398	2784	$\frac{3}{232}$	$\frac{229}{928}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2784}\ \Phi_{1392}\ \Phi_{96}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
92374	1398	1740	$\frac{1}{58}$	$\frac{57}{290}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1740}^2\ \Phi_{870}\ \Phi_{435}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
92375	1398	2436	$\frac{3}{116}$	$\frac{113}{812}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{609}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
92376	1398	240	$\frac{7}{240}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^6\ \Phi_{60}^6\ \Phi_{48}^6\ \Phi_{40}^6\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^6\ \Phi_{16}^6\ \Phi_{15}^6\ \Phi_{12}^4\ \Phi_{10}^6\ \Phi_8^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
92377	1398	1044	$\frac{1}{29}$	$\frac{28}{261}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
92378	1398	924	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{75}{308}$	$\frac{1}{3}$	$\Phi_{924}^3\ \Phi_{462}^3\ \Phi_{132}^3\ \Phi_{84}^3\ \Phi_{66}^3\ \Phi_{42}^3\ \Phi_{21}\ \Phi_{12}^3\ \Phi_6^3$
92379	1398	2352	$\frac{1}{28}$	$\frac{85}{784}$	$\frac{27}{112}$	$\frac{1}{3}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{294}\ \Phi_{147}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
92380	1398	2760	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{221}{920}$	$\frac{1}{3}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{552}\ \Phi_{276}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
92381	1398	300	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{67}{300}$	$\frac{1}{3}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^6\ \Phi_{75}\ \Phi_{60}^6\ \Phi_{50}^6\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{15}\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_2^6$
92382	1398	2688	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{197}{896}$	$\frac{1}{3}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{384}\ \Phi_{192}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
92383	1398	840	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{47}{280}$	$\frac{1}{3}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{120}^3\ \Phi_{105}^3\ \Phi_{84}\ \Phi_{60}^3\ \Phi_{42}\ \Phi_{30}^3\ \Phi_{21}\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
92384	1398	1848	$\frac{2}{33}$	$\frac{31}{264}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{168}\ \Phi_{154}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
92385	1398	252	$\frac{19}{252}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^6\ \Phi_{63}^6\ \Phi_{42}^6\ \Phi_{36}^6\ \Phi_{28}^6\ \Phi_{21}\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_9^6\ \Phi_6^6\ \Phi_4^6\ \Phi_2^6$
92386	1398	2310	$\frac{6}{77}$	$\frac{71}{770}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{105}\ \Phi_{66}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
92387	1398	2352	$\frac{1}{14}$	$\frac{85}{784}$	$\frac{13}{98}$	$\frac{1}{3}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
92388	1398	2394	$\frac{5}{114}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{109}{342}$	$\Phi_{2394}\ \Phi_{1197}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
92389	1398	1890	$\frac{1}{18}$	$\frac{37}{270}$	$\frac{1}{7}$	$\frac{17}{54}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
92390	1398	264	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{31}{264}$	$\frac{13}{44}$	$\Phi_{264}^6\ \Phi_{132}^6\ \Phi_{88}^6\ \Phi_{66}^6\ \Phi_{44}^2\ \Phi_{33}^6\ \Phi_{24}^6\ \Phi_{22}^2\ \Phi_{12}^6\ \Phi_{11}\ \Phi_8^6\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^2\ \Phi_1^2$
92391	1398	2268	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{17}{108}$	$\frac{91}{324}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
92392	1398	2184	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{25}{104}$	$\frac{79}{312}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{273}\ \Phi_{182}\ \Phi_{168}\ \Phi_{91}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
92393	1398	2016	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{55}{288}$	$\frac{17}{72}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
92394	1398	880	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{220}$	$\frac{181}{880}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{80}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
92395	1398	1890	$\frac{1}{9}$	$\frac{37}{270}$	$\frac{1}{7}$	$\frac{8}{45}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{210}\ \Phi_{189}\ \Phi_{126}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
92396	1399	2784	$\frac{7}{1392}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1385}{2784}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{96}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$
92397	1399	2772	$\frac{13}{1386}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1373}{2772}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{132}\ \Phi_{84}\ \Phi_{44}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
92398	1399	1872	$\frac{5}{468}$	$\frac{1}{6}$	$\frac{473}{1872}$	$\frac{463}{936}$	$\Phi_{1872}\ \Phi_{624}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
92399	1399	2736	$\frac{31}{1368}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1337}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
92400	1399	1560	$\frac{5}{156}$	$\frac{161}{1560}$	$\frac{1}{6}$	$\frac{151}{312}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{120}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
92401	1399	2700	$\frac{49}{1350}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1301}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{180}\ \Phi_{108}\ \Phi_{100}\ \Phi_{60}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
92402	1399	1512	$\frac{5}{108}$	$\frac{113}{1512}$	$\frac{1}{6}$	$\frac{103}{216}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
92403	1399	2652	$\frac{73}{1326}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1253}{2652}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{204}\ \Phi_{156}\ \Phi_{78}\ \Phi_{68}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
92404	1399	2592	$\frac{5}{108}$	$\frac{103}{1296}$	$\frac{1}{6}$	$\frac{1193}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
92405	1399	2496	$\frac{5}{156}$	$\frac{151}{1248}$	$\frac{1}{6}$	$\frac{1097}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{192}\ \Phi_{156}\ \Phi_{78}\ \Phi_{64}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
92406	1399	1440	$\frac{41}{1440}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
92407	1399	2088	$\frac{7}{696}$	$\frac{1}{6}$	$\frac{689}{2088}$	$\frac{5}{12}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{522}\ \Phi_{261}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
92408	1399	1416	$\frac{17}{1416}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{472}\ \Phi_{354}\ \Phi_{236}\ \Phi_{177}\ \Phi_{118}\ \Phi_{59}\ \Phi_{12}\ \Phi_4\ \Phi_1$
92409	1399	1740	$\frac{7}{348}$	$\frac{1}{6}$	$\frac{341}{1740}$	$\frac{5}{12}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{290}\ \Phi_{145}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
92410	1399	1440	$\frac{41}{1440}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
92411	1399	2340	$\frac{5}{234}$	$\frac{1}{6}$	$\frac{229}{1170}$	$\frac{941}{2340}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{260}\ \Phi_{234}\ \Phi_{180}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{20}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
92412	1399	2052	$\frac{31}{684}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{653}{2052}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{513}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
92413	1399	1620	$\frac{5}{108}$	$\frac{221}{1620}$	$\frac{1}{6}$	$\frac{103}{324}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
92414	1399	1944	$\frac{5}{108}$	$\frac{103}{648}$	$\frac{1}{6}$	$\frac{545}{1944}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
92415	1399	1584	$\frac{13}{198}$	$\frac{185}{1584}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{88}\ \Phi_{72}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
92416	1399	1512	$\frac{113}{1512}$	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{54}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
92417	1399	1872	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{151}{624}$	$\frac{473}{1872}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
92418	1399	1728	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{329}{1728}$	$\frac{103}{432}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
92419	1399	1620	$\frac{5}{54}$	$\frac{221}{1620}$	$\frac{1}{6}$	$\frac{49}{270}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
92420	1400	1047	$\frac{1}{349}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{174}{349}$	$\Phi_{1047}\ \Phi_{349}^2\ \Phi_3^2\ \Phi_1^4$
92421	1400	1399	$\frac{5}{1399}$	$\frac{351}{1399}$	$\frac{524}{1399}$	$\frac{697}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92422	1400	2232	$\frac{1}{279}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{139}{279}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{279}\ \Phi_{248}\ \Phi_{93}\ \Phi_{72}\ \Phi_{31}\ \Phi_{24}\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
92423	1400	2103	$\frac{3}{701}$	$\frac{176}{701}$	$\frac{1}{3}$	$\frac{349}{701}$	Φ_{2103}
92424	1400	2388	$\frac{1}{199}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{99}{199}$	$\Phi_{2388}\ \Phi_{796}\ \Phi_{199}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
92425	1400	1791	$\frac{1}{199}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{99}{199}$	$\Phi_{1791}\ \Phi_{199}\ \Phi_9^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
92426	1400	2436	$\frac{1}{174}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{173}{348}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{348}^2\ \Phi_{116}^2\ \Phi_{84}\ \Phi_{28}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
92427	1400	1740	$\frac{1}{174}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{173}{348}$	$\Phi_{1740}^2\ \Phi_{580}^2\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}$
92428	1400	1251	$\frac{1}{139}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{69}{139}$	$\Phi_{1251}\ \Phi_{417}\ \Phi_{139}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
92429	1400	834	$\frac{1}{139}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{69}{139}$	$\Phi_{834}^2\ \Phi_{417}\ \Phi_{278}^2\ \Phi_{139}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
92430	1400	1399	$\frac{11}{1399}$	$\frac{141}{1399}$	$\frac{629}{1399}$	$\frac{694}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92431	1400	1170	$\frac{1}{117}$	$\frac{1}{5}$	$\frac{59}{234}$	$\frac{58}{117}$	$\Phi_{1170}^2\ \Phi_{585}\ \Phi_{390}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{90}^2\ \Phi_{65}\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
92432	1400	1287	$\frac{1}{99}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{49}{99}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}^2\ \Phi_{39}\ \Phi_{33}^2\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
92433	1400	792	$\frac{1}{99}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{49}{99}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
92434	1400	1686	$\frac{3}{281}$	$\frac{1}{6}$	$\frac{71}{281}$	$\frac{139}{281}$	$\Phi_{1686}\ \Phi_{843}\ \Phi_{562}$
92435	1400	1399	$\frac{15}{1399}$	$\frac{101}{1399}$	$\frac{649}{1399}$	$\frac{692}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92436	1400	1399	$\frac{17}{1399}$	$\frac{209}{1399}$	$\frac{354}{1399}$	$\frac{691}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92437	1400	2103	$\frac{9}{701}$	$\frac{71}{701}$	$\frac{1}{3}$	$\frac{346}{701}$	Φ_{2103}
92438	1400	1311	$\frac{1}{69}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{34}{69}$	$\Phi_{1311}\ \Phi_{437}\ \Phi_{69}^2\ \Phi_{57}\ \Phi_{23}^2\ \Phi_{19}^2\ \Phi_3^2\ \Phi_1^4$
92439	1400	759	$\frac{1}{69}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{34}{69}$	$\Phi_{759}^2\ \Phi_{253}^2\ \Phi_{33}^3\ \Phi_{11}^2$
92440	1400	1311	$\frac{1}{69}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{34}{69}$	$\Phi_{1311}\ \Phi_{437}\ \Phi_{69}^2\ \Phi_{57}\ \Phi_{23}^2\ \Phi_{19}^2\ \Phi_3^2\ \Phi_1^4$
92441	1400	690	$\frac{1}{69}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{34}{69}$	$\Phi_{690}^3\ \Phi_{345}^2\ \Phi_{230}^3\ \Phi_{115}^2\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
92442	1400	536	$\frac{1}{67}$	$\frac{1}{8}$	$\frac{17}{67}$	$\frac{33}{67}$	$\Phi_{536}^3\ \Phi_{268}^3\ \Phi_{134}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
92443	1400	1399	$\frac{21}{1399}$	$\frac{71}{1399}$	$\frac{664}{1399}$	$\frac{689}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92444	1400	3096	$\frac{3}{172}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{169}{344}$	$\Phi_{3096}\ \Phi_{1032}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
92445	1400	1399	$\frac{25}{1399}$	$\frac{149}{1399}$	$\frac{356}{1399}$	$\frac{687}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92446	1400	2640	$\frac{1}{55}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{27}{55}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{80}\ \Phi_{55}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
92447	1400	1485	$\frac{1}{55}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{27}{55}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{135}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
92448	1400	1980	$\frac{1}{55}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{27}{55}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{198}\ \Phi_{180}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
92449	1400	1540	$\frac{1}{55}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{27}{55}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{154}\ \Phi_{140}\ \Phi_{77}\ \Phi_{70}\ \Phi_{55}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
92450	1400	1760	$\frac{1}{55}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{27}{55}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}\ \Phi_{80}\ \Phi_{55}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
92451	1400	330	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{27}{55}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{55}^5\ \Phi_{33}^4\ \Phi_{30}^4\ \Phi_{22}^4\ \Phi_{15}^4\ \Phi_{11}^5\ \Phi_{10}^4\ \Phi_6^8\ \Phi_5^5\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
92452	1400	2103	$\frac{13}{701}$	$\frac{51}{701}$	$\frac{1}{3}$	$\frac{344}{701}$	Φ_{2103}
92453	1400	1323	$\frac{1}{49}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{24}{49}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{189}\ \Phi_{147}\ \Phi_{63}\ \Phi_{49}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
92454	1400	735	$\frac{1}{49}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}\ \Phi_{105}^2\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}^4\ \Phi_7^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
92455	1400	441	$\frac{1}{49}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{24}{49}$	$\Phi_{441}^3\ \Phi_{147}^3\ \Phi_{63}^3\ \Phi_{49}^4\ \Phi_{21}^3\ \Phi_9^6\ \Phi_7^4\ \Phi_3^6\ \Phi_1^8$
92456	1400	1960	$\frac{1}{49}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{24}{49}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
92457	1400	1399	$\frac{29}{1399}$	$\frac{51}{1399}$	$\frac{674}{1399}$	$\frac{685}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92458	1400	517	$\frac{1}{47}$	$\frac{1}{11}$	$\frac{12}{47}$	$\frac{23}{47}$	$\Phi_{517}^3\ \Phi_{11}^2$
92459	1400	1399	$\frac{31}{1399}$	$\frac{143}{1399}$	$\frac{314}{1399}$	$\frac{684}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92460	1400	1710	$\frac{4}{171}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{167}{342}$	$\Phi_{1710}^2\ \Phi_{570}^2\ \Phi_{190}^2\ \Phi_{90}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
92461	1400	1399	$\frac{33}{1399}$	$\frac{179}{1399}$	$\frac{244}{1399}$	$\frac{683}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92462	1400	1686	$\frac{7}{281}$	$\frac{36}{281}$	$\frac{1}{6}$	$\frac{137}{281}$	$\Phi_{1686}\ \Phi_{843}\ \Phi_{562}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
92463	1400	2652	$\frac{1}{39}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{19}{39}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{204}\ \Phi_{156}\ \Phi_{68}^2\ \Phi_{52}\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
92464	1400	663	$\frac{1}{39}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{19}{39}$	$\Phi_{663}^2\ \Phi_{221}^2\ \Phi_{51}^3\ \Phi_{39}^3\ \Phi_{17}^2\ \Phi_{13}^3\ \Phi_3^4\ \Phi_1^4$
92465	1400	195	$\frac{1}{39}$	$\frac{4}{39}$	$\frac{1}{5}$	$\frac{19}{39}$	$\Phi_{195}^9\ \Phi_{65}^9\ \Phi_{15}^9\ \Phi_5^8$
92466	1400	663	$\frac{1}{39}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{19}{39}$	$\Phi_{663}^2\ \Phi_{221}^2\ \Phi_{51}^2\ \Phi_{39}^3\ \Phi_{17}^4\ \Phi_{13}^3\ \Phi_3^3\ \Phi_1^6$
92467	1400	312	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{19}{39}$	$\Phi_{312}^5\ \Phi_{156}^5\ \Phi_{104}^5\ \Phi_{78}^2\ \Phi_{52}^5\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{24}^7\ \Phi_{13}^3\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
92468	1400	1399	$\frac{37}{1399}$	$\frac{104}{1399}$	$\frac{359}{1399}$	$\frac{681}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92469	1400	2103	$\frac{19}{701}$	$\frac{36}{701}$	$\frac{1}{3}$	$\frac{341}{701}$	Φ_{2103}
92470	1400	1399	$\frac{41}{1399}$	$\frac{144}{1399}$	$\frac{251}{1399}$	$\frac{679}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92471	1400	1428	$\frac{1}{34}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{1428}^2\ \Phi_{476}^2\ \Phi_{204}\ \Phi_{84}^2\ \Phi_{68}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
92472	1400	884	$\frac{1}{34}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{33}{68}$	$\Phi_{884}^3\ \Phi_{68}^4\ \Phi_{52}^3\ \Phi_{13}^3\ \Phi_4^4\ \Phi_1^4$
92473	1400	3740	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{33}{68}$	$\Phi_{3740}\ \Phi_{220}\ \Phi_{55}$
92474	1400	2652	$\frac{1}{34}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{33}{68}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{204}\ \Phi_{156}\ \Phi_{68}^2\ \Phi_{52}\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
92475	1400	612	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{33}{68}$	$\Phi_{612}^5\ \Phi_{204}^3\ \Phi_{68}^4\ \Phi_{36}^5\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92476	1400	1515	$\frac{3}{101}$	$\frac{1}{15}$	$\frac{26}{101}$	$\frac{49}{101}$	$\Phi_{1515}\ \Phi_{505}\ \Phi_{303}$
92477	1400	1399	$\frac{43}{1399}$	$\frac{103}{1399}$	$\frac{324}{1399}$	$\frac{678}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92478	1400	1686	$\frac{9}{281}$	$\frac{29}{281}$	$\frac{1}{6}$	$\frac{136}{281}$	$\Phi_{1686}\ \Phi_{843}\ \Phi_{562}$
92479	1400	1608	$\frac{7}{201}$	$\frac{1}{8}$	$\frac{26}{201}$	$\frac{97}{201}$	$\Phi_{1608}\ \Phi_{804}\ \Phi_{536}\ \Phi_{402}\ \Phi_{268}\ \Phi_{134}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
92480	1400	1399	$\frac{49}{1399}$	$\frac{174}{1399}$	$\frac{181}{1399}$	$\frac{675}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92481	1400	1690	$\frac{6}{169}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{163}{338}$	$\Phi_{1690}^2\ \Phi_{130}^2\ \Phi_{65}\ \Phi_{10}^2$
92482	1400	702	$\frac{1}{27}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}^3\ \Phi_{54}^2\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_6^3\ \Phi_2^2$
92483	1400	135	$\frac{1}{27}$	$\frac{2}{27}$	$\frac{1}{5}$	$\frac{13}{27}$	$\Phi_{135}^{13}\ \Phi_{45}^{13}\ \Phi_{15}^{13}\ \Phi_5^{12}$
92484	1400	1323	$\frac{1}{27}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{13}{27}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{189}\ \Phi_{147}\ \Phi_{63}\ \Phi_{49}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
92485	1400	594	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{13}{27}$	$\Phi_{594}^3\ \Phi_{297}^2\ \Phi_{198}^3\ \Phi_{99}^2\ \Phi_{66}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{11}^2$
92486	1400	756	$\frac{1}{27}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{13}{27}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^4\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
92487	1400	1399	$\frac{53}{1399}$	$\frac{74}{1399}$	$\frac{363}{1399}$	$\frac{673}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92488	1400	2103	$\frac{26}{701}$	$\frac{27}{701}$	$\frac{1}{3}$	$\frac{337}{701}$	Φ_{2103}
92489	1400	1399	$\frac{57}{1399}$	$\frac{104}{1399}$	$\frac{259}{1399}$	$\frac{671}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92490	1400	1392	$\frac{1}{29}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{1392}^2\ \Phi_{464}^2\ \Phi_{87}$
92491	1400	2640	$\frac{1}{24}$	$\frac{3}{55}$	$\frac{13}{55}$	$\frac{23}{48}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{80}\ \Phi_{55}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
92492	1400	240	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{240}^{11}\ \Phi_{80}^{11}\ \Phi_{48}^{12}\ \Phi_{16}^{12}\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
92493	1400	528	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{23}{48}$	$\Phi_{528}^5\ \Phi_{176}^5\ \Phi_{48}^6\ \Phi_{33}^2\ \Phi_{16}^6\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
92494	1400	2640	$\frac{1}{24}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{23}{48}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{80}\ \Phi_{55}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
92495	1400	144	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{23}{48}$	$\Phi_{144}^{21}\ \Phi_{72}\ \Phi_{48}^{14}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}^{14}\ \Phi_{12}\ \Phi_6$
92496	1400	1399	$\frac{61}{1399}$	$\frac{146}{1399}$	$\frac{179}{1399}$	$\frac{669}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92497	1400	536	$\frac{3}{67}$	$\frac{7}{67}$	$\frac{1}{8}$	$\frac{32}{67}$	$\Phi_{536}^3\ \Phi_{268}^3\ \Phi_{134}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
92498	1400	1686	$\frac{13}{281}$	$\frac{21}{281}$	$\frac{1}{6}$	$\frac{134}{281}$	$\Phi_{1686}\ \Phi_{843}\ \Phi_{562}$
92499	1400	684	$\frac{1}{36}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{36}^4\ \Phi_{19}^2\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
92500	1400	494	$\frac{1}{26}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{494}^3\ \Phi_{247}^3\ \Phi_{38}^3\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_2^2$
92501	1400	874	$\frac{1}{23}$	$\frac{1}{19}$	$\frac{11}{46}$	$\frac{9}{19}$	$\Phi_{874}^2\ \Phi_{437}\ \Phi_{46}^4\ \Phi_{38}^2\ \Phi_{23}^2\ \Phi_{19}^2\ \Phi_2^4\ \Phi_1^4$
92502	1400	1311	$\frac{1}{19}$	$\frac{4}{69}$	$\frac{13}{69}$	$\frac{9}{19}$	$\Phi_{1311}\ \Phi_{437}\ \Phi_{69}^2\ \Phi_{57}\ \Phi_{23}^2\ \Phi_{19}^2\ \Phi_3^2\ \Phi_1^4$
92503	1400	570	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{570}^3\ \Phi_{285}^2\ \Phi_{190}^3\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{30}^6\ \Phi_{19}^2\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
92504	1400	437	$\frac{1}{19}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{9}{19}$	$\Phi_{437}^3\ \Phi_{23}^6\ \Phi_{19}^4\ \Phi_1^8$
92505	1400	1672	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{9}{19}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{418}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}^2$
92506	1400	1399	$\frac{74}{1399}$	$\frac{81}{1399}$	$\frac{265}{1399}$	$\frac{659}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92507	1400	986	$\frac{1}{29}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{986}^2\ \Phi_{493}\ \Phi_{58}^2$
92508	1400	2706	$\frac{1}{41}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{2706}\ \Phi_{902}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}$
92509	1400	198	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{31}{66}$	$\Phi_{198}^{15}\ \Phi_{99}\ \Phi_{66}^{10}\ \Phi_{33}\ \Phi_{22}^{10}\ \Phi_{18}^{15}\ \Phi_6^{10}\ \Phi_2^{10}$
92510	1400	576	$\frac{1}{16}$	$\frac{17}{192}$	$\frac{1}{9}$	$\frac{15}{32}$	$\Phi_{576}^3\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^3\ \Phi_{96}\ \Phi_{72}^3\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{36}^3\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92511	1400	517	$\frac{3}{47}$	$\frac{1}{11}$	$\frac{5}{47}$	$\frac{22}{47}$	$\Phi_{517}^3\ \Phi_{11}^2$
92512	1400	1399	$\frac{91}{1399}$	$\frac{125}{1399}$	$\frac{149}{1399}$	$\frac{654}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92513	1400	1686	$\frac{15}{281}$	$\frac{19}{281}$	$\frac{1}{6}$	$\frac{131}{281}$	$\Phi_{1686}\ \Phi_{843}\ \Phi_{562}$
92514	1400	1399	$\frac{41}{1399}$	$\frac{97}{1399}$	$\frac{374}{1399}$	$\frac{651}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92515	1400	2103	$\frac{15}{701}$	$\frac{49}{701}$	$\frac{1}{3}$	$\frac{326}{701}$	Φ_{2103}
92516	1400	1476	$\frac{1}{36}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{492}\ \Phi_{369}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}$
92517	1400	663	$\frac{1}{51}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{663}^2\ \Phi_{221}^2\ \Phi_{51}^4\ \Phi_{39}\ \Phi_{17}^4\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
92518	1400	429	$\frac{1}{33}$	$\frac{1}{13}$	$\frac{8}{33}$	$\frac{6}{13}$	$\Phi_{429}^3\ \Phi_{143}^3\ \Phi_{39}^3\ \Phi_{33}^6\ \Phi_{13}^4\ \Phi_{11}^6\ \Phi_3^6\ \Phi_1^8$
92519	1400	130	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{130}^{14}\ \Phi_{65}^{13}\ \Phi_{10}^{14}\ \Phi_5^{12}$
92520	1400	1287	$\frac{4}{99}$	$\frac{1}{13}$	$\frac{19}{99}$	$\frac{6}{13}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}^2\ \Phi_{39}\ \Phi_{33}^2\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
92521	1400	546	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{546}^3\ \Phi_{273}^2\ \Phi_{182}^3\ \Phi_{91}^2\ \Phi_{78}^2\ \Phi_{42}^6\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{21}^4\ \Phi_{14}^6\ \Phi_{13}^2\ \Phi_7^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
92522	1400	351	$\frac{2}{27}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{6}{13}$	$\Phi_{351}^4\ \Phi_{117}^3\ \Phi_{39}^3\ \Phi_{27}^8\ \Phi_{13}^4\ \Phi_9^6\ \Phi_3^6\ \Phi_1^8$
92523	1400	143	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{6}{13}$	$\Phi_{143}^9\ \Phi_{13}^{10}\ \Phi_{11}^{18}\ \Phi_1^{20}$
92524	1400	1620	$\frac{1}{27}$	$\frac{13}{162}$	$\frac{1}{5}$	$\frac{149}{324}$	$\Phi_{1620}^2\ \Phi_{540}^2\ \Phi_{180}^2\ \Phi_{135}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{20}^2\ \Phi_{15}$
92525	1400	1399	$\frac{54}{1399}$	$\frac{113}{1399}$	$\frac{269}{1399}$	$\frac{643}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92526	1400	1968	$\frac{1}{41}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{1968}\ \Phi_{656}\ \Phi_{492}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}$
92527	1400	1399	$\frac{76}{1399}$	$\frac{121}{1399}$	$\frac{189}{1399}$	$\frac{639}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92528	1400	1515	$\frac{1}{15}$	$\frac{9}{101}$	$\frac{11}{101}$	$\frac{46}{101}$	$\Phi_{1515}\ \Phi_{505}\ \Phi_{303}$
92529	1400	1399	$\frac{109}{1399}$	$\frac{127}{1399}$	$\frac{129}{1399}$	$\frac{636}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92530	1400	1551	$\frac{11}{141}$	$\frac{1}{11}$	$\frac{13}{141}$	$\frac{64}{141}$	$\Phi_{1551}\ \Phi_{517}\ \Phi_{33}$
92531	1400	1399	$\frac{89}{1399}$	$\frac{131}{1399}$	$\frac{153}{1399}$	$\frac{634}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92532	1400	2624	$\frac{1}{41}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{2624}\ \Phi_{164}\ \Phi_{82}$
92533	1400	576	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{9}$	$\frac{29}{64}$	$\Phi_{576}^5\ \Phi_{192}^5\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
92534	1400	1608	$\frac{11}{201}$	$\frac{19}{201}$	$\frac{1}{8}$	$\frac{91}{201}$	$\Phi_{1608}\ \Phi_{804}\ \Phi_{536}\ \Phi_{402}\ \Phi_{268}\ \Phi_{134}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
92535	1400	1686	$\frac{11}{281}$	$\frac{27}{281}$	$\frac{1}{6}$	$\frac{127}{281}$	$\Phi_{1686}\ \Phi_{843}\ \Phi_{562}$
92536	1400	1399	$\frac{29}{1399}$	$\frac{137}{1399}$	$\frac{384}{1399}$	$\frac{631}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92537	1400	2103	$\frac{11}{701}$	$\frac{69}{701}$	$\frac{1}{3}$	$\frac{316}{701}$	Φ_{2103}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
92538	1400	1479	$\frac{1}{51}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{1479}\ \Phi_{493}\ \Phi_{87}$
92539	1400	1399	$\frac{31}{1399}$	$\frac{151}{1399}$	$\frac{342}{1399}$	$\frac{624}{1399}$	$\Phi_{1399}\ \Phi_{1}^{2}$
92540	1400	639	$\frac{1}{71}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{639}^{2}\ \Phi_{213}^{3}\ \Phi_{71}^{2}$
92541	1400	1251	$\frac{3}{139}$	$\frac{1}{9}$	$\frac{34}{139}$	$\frac{4}{9}$	$\Phi_{1251}\ \Phi_{417}\ \Phi_{139}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
92542	1400	180	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^{10}\ \Phi_{45}^{9}\ \Phi_{30}^{10}\ \Phi_{20}^{10}\ \Phi_{15}^{9}\ \Phi_{10}^{10}\ \Phi_{5}^{8}$
92543	1400	1251	$\frac{4}{139}$	$\frac{1}{9}$	$\frac{27}{139}$	$\frac{4}{9}$	$\Phi_{1251}\ \Phi_{417}\ \Phi_{139}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
92544	1400	522	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{522}^{3}\ \Phi_{261}^{2}\ \Phi_{174}^{4}\ \Phi_{87}^{3}\ \Phi_{58}^{4}\ \Phi_{29}^{2}$
92545	1400	1251	$\frac{6}{139}$	$\frac{1}{9}$	$\frac{19}{139}$	$\frac{4}{9}$	$\Phi_{1251}\ \Phi_{417}\ \Phi_{139}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
92546	1400	504	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{504}^{3}\ \Phi_{252}^{3}\ \Phi_{168}^{4}\ \Phi_{126}^{3}\ \Phi_{84}^{4}\ \Phi_{72}^{2}\ \Phi_{56}^{4}\ \Phi_{42}^{4}\ \Phi_{36}^{2}\ \Phi_{28}^{4}\ \Phi_{24}^{3}\ \Phi_{18}^{2}\ \Phi_{14}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
92547	1400	1251	$\frac{9}{139}$	$\frac{13}{139}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1251}\ \Phi_{417}\ \Phi_{139}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
92548	1400	495	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{495}^{3}\ \Phi_{165}^{4}\ \Phi_{99}^{2}\ \Phi_{55}^{4}\ \Phi_{33}^{3}\ \Phi_{11}^{2}$
92549	1400	1399	$\frac{39}{1399}$	$\frac{161}{1399}$	$\frac{272}{1399}$	$\frac{619}{1399}$	$\Phi_{1399}\ \Phi_{1}^{2}$
92550	1400	1560	$\frac{1}{39}$	$\frac{19}{156}$	$\frac{1}{5}$	$\frac{137}{312}$	$\Phi_{1560}^{2}\ \Phi_{520}^{2}\ \Phi_{195}\ \Phi_{120}^{2}\ \Phi_{65}\ \Phi_{40}^{2}\ \Phi_{15}$
92551	1400	1482	$\frac{1}{26}$	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{25}{57}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{494}\ \Phi_{247}\ \Phi_{114}\ \Phi_{78}\ \Phi_{39}\ \Phi_{38}\ \Phi_{6}$
92552	1400	1491	$\frac{1}{21}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{31}{71}$	$\Phi_{1491}\ \Phi_{497}\ \Phi_{213}$
92553	1400	1399	$\frac{79}{1399}$	$\frac{132}{1399}$	$\frac{181}{1399}$	$\frac{609}{1399}$	$\Phi_{1399}\ \Phi_{1}^{2}$
92554	1400	1551	$\frac{8}{141}$	$\frac{1}{11}$	$\frac{19}{141}$	$\frac{61}{141}$	$\Phi_{1551}\ \Phi_{517}\ \Phi_{33}$
92555	1400	396	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{3}{22}$	$\frac{19}{44}$	$\Phi_{396}^{7}\ \Phi_{198}\ \Phi_{132}^{7}\ \Phi_{99}\ \Phi_{66}\ \Phi_{36}^{7}\ \Phi_{33}\ \Phi_{18}\ \Phi_{12}^{7}\ \Phi_{6}$
92556	1400	1399	$\frac{62}{1399}$	$\frac{159}{1399}$	$\frac{191}{1399}$	$\frac{604}{1399}$	$\Phi_{1399}\ \Phi_{1}^{2}$
92557	1400	1399	$\frac{48}{1399}$	$\frac{193}{1399}$	$\frac{199}{1399}$	$\frac{603}{1399}$	$\Phi_{1399}\ \Phi_{1}^{2}$
92558	1400	1686	$\frac{8}{281}$	$\frac{39}{281}$	$\frac{1}{6}$	$\frac{121}{281}$	$\Phi_{1686}\ \Phi_{843}\ \Phi_{562}$
92559	1400	1755	$\frac{8}{351}$	$\frac{49}{351}$	$\frac{1}{5}$	$\frac{151}{351}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{195}\ \Phi_{135}\ \Phi_{65}\ \Phi_{45}\ \Phi_{15}$
92560	1400	1399	$\frac{20}{1399}$	$\frac{197}{1399}$	$\frac{399}{1399}$	$\frac{601}{1399}$	$\Phi_{1399}\ \Phi_{1}^{2}$
92561	1400	2103	$\frac{8}{701}$	$\frac{99}{701}$	$\frac{1}{3}$	$\frac{301}{701}$	Φ_{2103}
92562	1400	1239	$\frac{2}{177}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1239}\ \Phi_{413}\ \Phi_{177}^{2}\ \Phi_{59}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
92563	1400	1827	$\frac{1}{87}$	$\frac{1}{7}$	$\frac{86}{261}$	$\frac{3}{7}$	$\Phi_{1827}\ \Phi_{261}^{2}\ \Phi_{63}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
92564	1400	497	$\frac{1}{71}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{497}^{3}\ \Phi_{71}^{2}$
92565	1400	1624	$\frac{1}{58}$	$\frac{1}{7}$	$\frac{57}{232}$	$\frac{3}{7}$	$\Phi_{1624}\ \Phi_{812}\ \Phi_{232}^{2}\ \Phi_{116}^{2}\ \Phi_{56}\ \Phi_{28}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
92566	1400	609	$\frac{2}{87}$	$\frac{1}{7}$	$\frac{17}{87}$	$\frac{3}{7}$	$\Phi_{609}^{2}\ \Phi_{203}^{2}\ \Phi_{87}^{4}\ \Phi_{29}^{4}\ \Phi_{21}^{2}\ \Phi_{7}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
92567	1400	252	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{252}^{5}\ \Phi_{126}^{5}\ \Phi_{84}^{5}\ \Phi_{63}^{5}\ \Phi_{42}^{4}\ \Phi_{36}^{10}\ \Phi_{28}^{5}\ \Phi_{21}^{4}\ \Phi_{18}^{10}\ \Phi_{14}^{4}\ \Phi_{12}^{10}\ \Phi_{9}^{10}\ \Phi_{7}^{5}\ \Phi_{6}^{8}\ \Phi_{4}^{10}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
92568	1400	203	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{203}^{6}\ \Phi_{29}^{12}\ \Phi_{7}^{7}\ \Phi_{1}^{14}$
92569	1400	728	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{728}^{2}\ \Phi_{364}^{2}\ \Phi_{182}\ \Phi_{104}^{4}\ \Phi_{91}\ \Phi_{56}\ \Phi_{52}^{4}\ \Phi_{28}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
92570	1400	1399	$\frac{23}{1399}$	$\frac{211}{1399}$	$\frac{344}{1399}$	$\frac{594}{1399}$	$\Phi_{1399}\ \Phi_{1}^{2}$
92571	1400	1399	$\frac{29}{1399}$	$\frac{225}{1399}$	$\frac{274}{1399}$	$\frac{587}{1399}$	$\Phi_{1399}\ \Phi_{1}^{2}$
92572	1400	1212	$\frac{1}{101}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{1212}^{2}\ \Phi_{404}^{2}\ \Phi_{303}$
92573	1400	2388	$\frac{3}{199}$	$\frac{1}{6}$	$\frac{49}{199}$	$\frac{5}{12}$	$\Phi_{2388}\ \Phi_{796}\ \Phi_{199}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
92574	1400	1020	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1020}^{3}\ \Phi_{340}^{3}\ \Phi_{255}\ \Phi_{85}\ \Phi_{60}^{2}\ \Phi_{20}^{2}\ \Phi_{15}$
92575	1400	2388	$\frac{4}{199}$	$\frac{1}{6}$	$\frac{39}{199}$	$\frac{5}{12}$	$\Phi_{2388}\ \Phi_{796}\ \Phi_{199}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
92576	1400	492	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{492}^5\ \Phi_{246}\ \Phi_{164}^5\ \Phi_{123}\ \Phi_{82}$
92577	1400	2388	$\frac{7}{199}$	$\frac{24}{199}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2388}\ \Phi_{796}\ \Phi_{199}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
92578	1400	468	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{468}^6\ \Phi_{234}\ \Phi_{156}^4\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}^4\ \Phi_{39}\ \Phi_{36}^3\ \Phi_{18}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
92579	1400	2388	$\frac{9}{199}$	$\frac{19}{199}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2388}\ \Phi_{796}\ \Phi_{199}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
92580	1400	924	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{924}^3\ \Phi_{308}^3\ \Phi_{231}\ \Phi_{132}^2\ \Phi_{77}\ \Phi_{44}^2\ \Phi_{33}$
92581	1400	1476	$\frac{1}{36}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{492}\ \Phi_{369}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}$
92582	1400	1399	$\frac{41}{1399}$	$\frac{194}{1399}$	$\frac{241}{1399}$	$\frac{579}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92583	1400	493	$\frac{1}{29}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{493}^3\ \Phi_{29}^2$
92584	1400	1399	$\frac{59}{1399}$	$\frac{134}{1399}$	$\frac{253}{1399}$	$\frac{573}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92585	1400	1491	$\frac{1}{21}$	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{29}{71}$	$\Phi_{1491}\ \Phi_{497}\ \Phi_{213}$
92586	1400	1399	$\frac{83}{1399}$	$\frac{94}{1399}$	$\frac{261}{1399}$	$\frac{569}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92587	1400	1515	$\frac{6}{101}$	$\frac{1}{15}$	$\frac{19}{101}$	$\frac{41}{101}$	$\Phi_{1515}\ \Phi_{505}\ \Phi_{303}$
92588	1400	1399	$\frac{64}{1399}$	$\frac{119}{1399}$	$\frac{267}{1399}$	$\frac{566}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92589	1400	517	$\frac{2}{47}$	$\frac{1}{11}$	$\frac{9}{47}$	$\frac{19}{47}$	$\Phi_{517}^3\ \Phi_{11}^2$
92590	1400	1399	$\frac{44}{1399}$	$\frac{167}{1399}$	$\frac{271}{1399}$	$\frac{564}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92591	1400	536	$\frac{2}{67}$	$\frac{1}{8}$	$\frac{13}{67}$	$\frac{27}{67}$	$\Phi_{536}^3\ \Phi_{268}^3\ \Phi_{134}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
92592	1400	1399	$\frac{34}{1399}$	$\frac{209}{1399}$	$\frac{273}{1399}$	$\frac{563}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92593	1400	1686	$\frac{6}{281}$	$\frac{1}{6}$	$\frac{55}{281}$	$\frac{113}{281}$	$\Phi_{1686}\ \Phi_{843}\ \Phi_{562}$
92594	1400	585	$\frac{2}{117}$	$\frac{23}{117}$	$\frac{1}{5}$	$\frac{47}{117}$	$\Phi_{585}^3\ \Phi_{195}^3\ \Phi_{65}^3\ \Phi_{45}^3\ \Phi_{15}^3\ \Phi_5^2$
92595	1400	1399	$\frac{14}{1399}$	$\frac{277}{1399}$	$\frac{419}{1399}$	$\frac{561}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92596	1400	2103	$\frac{6}{701}$	$\frac{139}{701}$	$\frac{1}{3}$	$\frac{281}{701}$	Φ_{2103}
92597	1400	1010	$\frac{1}{101}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{1010}^2\ \Phi_{505}\ \Phi_{202}^2$
92598	1400	1399	$\frac{24}{1399}$	$\frac{275}{1399}$	$\frac{281}{1399}$	$\frac{559}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92599	1400	1399	$\frac{34}{1399}$	$\frac{195}{1399}$	$\frac{301}{1399}$	$\frac{549}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92600	1400	1476	$\frac{1}{36}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{492}\ \Phi_{369}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}$
92601	1400	1482	$\frac{1}{26}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{494}\ \Phi_{247}\ \Phi_{114}\ \Phi_{78}\ \Phi_{39}\ \Phi_{38}\ \Phi_6$
92602	1400	1399	$\frac{51}{1399}$	$\frac{124}{1399}$	$\frac{337}{1399}$	$\frac{531}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92603	1400	1399	$\frac{35}{1399}$	$\frac{174}{1399}$	$\frac{341}{1399}$	$\frac{529}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92604	1400	1608	$\frac{5}{201}$	$\frac{1}{8}$	$\frac{49}{201}$	$\frac{76}{201}$	$\Phi_{1608}\ \Phi_{804}\ \Phi_{536}\ \Phi_{402}\ \Phi_{268}\ \Phi_{134}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
92605	1400	1686	$\frac{5}{281}$	$\frac{1}{6}$	$\frac{69}{281}$	$\frac{106}{281}$	$\Phi_{1686}\ \Phi_{843}\ \Phi_{562}$
92606	1400	1128	$\frac{1}{141}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1128}^2\ \Phi_{376}^2\ \Phi_{141}^2\ \Phi_{47}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
92607	1400	744	$\frac{1}{93}$	$\frac{23}{93}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{744}^3\ \Phi_{248}^3\ \Phi_{93}^3\ \Phi_{31}^3\ \Phi_{24}^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
92608	1400	2840	$\frac{1}{71}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2840}\ \Phi_{355}$
92609	1400	2232	$\frac{4}{279}$	$\frac{55}{279}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{279}\ \Phi_{248}\ \Phi_{93}\ \Phi_{72}\ \Phi_{31}\ \Phi_{24}\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
92610	1400	456	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{456}^5\ \Phi_{152}^5\ \Phi_{114}^3\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{24}^3\ \Phi_{19}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92611	1400	744	$\frac{2}{93}$	$\frac{13}{93}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{744}^3\ \Phi_{248}^3\ \Phi_{93}^3\ \Phi_{31}^3\ \Phi_{24}^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
92612	1400	328	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{328}^4\ \Phi_{164}^5\ \Phi_{82}^5\ \Phi_{41}^4$
92613	1400	2232	$\frac{7}{279}$	$\frac{34}{279}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{279}\ \Phi_{248}\ \Phi_{93}\ \Phi_{72}\ \Phi_{31}\ \Phi_{24}\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
92614	1400	72	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^{31}\ \Phi_{36}^8\ \Phi_{24}^{31}\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^7\ \Phi_8^{32}\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
92615	1400	248	$\frac{1}{31}$	$\frac{3}{31}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{248}^{9}\ \Phi_{31}^{9}\ \Phi_{8}^{10}\ \Phi_{1}^{10}$
92616	1400	2552	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2552}\ \Phi_{319}$
92617	1400	2232	$\frac{13}{279}$	$\frac{19}{279}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{279}\ \Phi_{248}\ \Phi_{93}\ \Phi_{72}\ \Phi_{31}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
92618	1400	840	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^{3}\ \Phi_{280}^{3}\ \Phi_{168}^{2}\ \Phi_{120}^{2}\ \Phi_{105}^{3}\ \Phi_{56}^{2}\ \Phi_{40}^{2}\ \Phi_{35}^{3}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
92619	1400	2214	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{2214}\ \Phi_{738}\ \Phi_{369}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}$
92620	1400	792	$\frac{1}{44}$	$\frac{1}{9}$	$\frac{43}{132}$	$\frac{89}{264}$	$\Phi_{792}^{3}\ \Phi_{396}\ \Phi_{264}^{2}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}^{2}\ \Phi_{72}^{3}\ \Phi_{66}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}^{2}\ \Phi_{18}\ \Phi_{12}\ \Phi_{8}^{2}\ \Phi_{6}$
92621	1400	528	$\frac{1}{176}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{176}^{2}\ \Phi_{132}^{3}\ \Phi_{88}^{2}\ \Phi_{66}^{3}\ \Phi_{48}^{3}\ \Phi_{44}^{2}\ \Phi_{33}^{3}\ \Phi_{24}^{3}\ \Phi_{22}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{3}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
92622	1400	909	$\frac{1}{101}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{909}^{2}\ \Phi_{303}$
92623	1400	885	$\frac{2}{177}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{885}^{2}\ \Phi_{295}^{2}\ \Phi_{15}$
92624	1400	1047	$\frac{4}{349}$	$\frac{69}{349}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1047}\ \Phi_{349}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
92625	1400	426	$\frac{1}{71}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{426}^{4}\ \Phi_{213}^{3}\ \Phi_{142}^{4}\ \Phi_{71}^{2}$
92626	1400	1047	$\frac{6}{349}$	$\frac{49}{349}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1047}\ \Phi_{349}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
92627	1400	408	$\frac{1}{51}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{408}^{4}\ \Phi_{204}^{4}\ \Phi_{136}^{4}\ \Phi_{102}^{4}\ \Phi_{68}^{4}\ \Phi_{34}^{4}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
92628	1400	1047	$\frac{9}{349}$	$\frac{34}{349}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1047}\ \Phi_{349}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
92629	1400	396	$\frac{1}{36}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{396}^{4}\ \Phi_{198}^{4}\ \Phi_{132}^{4}\ \Phi_{99}^{4}\ \Phi_{66}^{4}\ \Phi_{44}^{4}\ \Phi_{33}^{3}\ \Phi_{22}^{4}\ \Phi_{11}^{2}$
92630	1400	783	$\frac{1}{29}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{783}^{2}\ \Phi_{261}^{2}\ \Phi_{87}$
92631	1400	1047	$\frac{13}{349}$	$\frac{24}{349}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1047}\ \Phi_{349}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
92632	1400	390	$\frac{1}{26}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{390}^{4}\ \Phi_{195}^{4}\ \Phi_{130}^{4}\ \Phi_{78}^{3}\ \Phi_{65}^{4}\ \Phi_{39}^{3}\ \Phi_{30}^{4}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{10}^{4}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
92633	1400	1305	$\frac{1}{87}$	$\frac{1}{5}$	$\frac{86}{261}$	$\frac{1}{3}$	$\Phi_{1305}^{2}\ \Phi_{45}^{2}\ \Phi_{15}$
92634	1400	2376	$\frac{2}{99}$	$\frac{1}{8}$	$\frac{97}{297}$	$\frac{1}{3}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
92635	1400	2277	$\frac{2}{69}$	$\frac{1}{11}$	$\frac{67}{207}$	$\frac{1}{3}$	$\Phi_{2277}\ \Phi_{99}\ \Phi_{33}$
92636	1400	357	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{357}^{4}\ \Phi_{119}^{4}\ \Phi_{51}^{3}\ \Phi_{21}^{6}\ \Phi_{17}^{2}\ \Phi_{7}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
92637	1400	2106	$\frac{1}{26}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{162}\ \Phi_{78}\ \Phi_{39}\ \Phi_{6}$
92638	1400	1044	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{1044}^{2}\ \Phi_{522}^{2}\ \Phi_{261}^{2}\ \Phi_{87}$
92639	1400	1917	$\frac{1}{71}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1917}\ \Phi_{213}$
92640	1400	2436	$\frac{1}{29}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{609}\ \Phi_{87}$
92641	1400	1791	$\frac{3}{199}$	$\frac{2}{9}$	$\frac{49}{199}$	$\frac{1}{3}$	$\Phi_{1791}\ \Phi_{199}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
92642	1400	3480	$\frac{1}{58}$	$\frac{1}{5}$	$\frac{57}{232}$	$\frac{1}{3}$	$\Phi_{3480}\ \Phi_{1740}\ \Phi_{120}\ \Phi_{60}\ \Phi_{15}$
92643	1400	834	$\frac{3}{139}$	$\frac{1}{6}$	$\frac{34}{139}$	$\frac{1}{3}$	$\Phi_{834}^{2}\ \Phi_{417}\ \Phi_{278}^{2}\ \Phi_{139}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
92644	1400	2103	$\frac{17}{701}$	$\frac{106}{701}$	$\frac{171}{701}$	$\frac{1}{3}$	Φ_{2103}
92645	1400	264	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{8}{33}$	$\frac{1}{3}$	$\Phi_{264}^{6}\ \Phi_{132}^{6}\ \Phi_{88}^{6}\ \Phi_{66}^{6}\ \Phi_{44}^{6}\ \Phi_{24}^{7}\ \Phi_{22}^{6}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
92646	1400	2103	$\frac{25}{701}$	$\frac{76}{701}$	$\frac{169}{701}$	$\frac{1}{3}$	Φ_{2103}
92647	1400	1518	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{11}{46}$	$\frac{1}{3}$	$\Phi_{1518}^{2}\ \Phi_{759}\ \Phi_{66}^{2}\ \Phi_{33}^{2}$
92648	1400	1485	$\frac{3}{55}$	$\frac{2}{27}$	$\frac{13}{55}$	$\frac{1}{3}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{135}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{27}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
92649	1400	765	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{765}^{3}\ \Phi_{255}\ \Phi_{85}\ \Phi_{45}^{2}\ \Phi_{15}$
92650	1400	1791	$\frac{4}{199}$	$\frac{39}{199}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1791}\ \Phi_{199}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
92651	1400	738	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{738}^{3}\ \Phi_{369}^{2}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}$
92652	1400	1656	$\frac{7}{207}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{46}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
92653	1400	1791	$\frac{7}{199}$	$\frac{24}{199}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1791}\ \Phi_{199}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
92654	1400	234	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{234}^{6}\ \Phi_{117}^{6}\ \Phi_{78}^{7}\ \Phi_{39}^{7}\ \Phi_{26}^{6}\ \Phi_{18}^{6}\ \Phi_{13}^{6}\ \Phi_{6}^{7}\ \Phi_{2}^{6}$
92655	1400	1791	$\frac{9}{199}$	$\frac{19}{199}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1791}\ \Phi_{199}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
92656	1400	693	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{693}^{3}\ \Phi_{231}\ \Phi_{99}^{2}\ \Phi_{77}\ \Phi_{33}$
92657	1400	2784	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{2784}\ \Phi_{1392}\ \Phi_{87}$
92658	1400	2103	$\frac{22}{701}$	$\frac{97}{701}$	$\frac{151}{701}$	$\frac{1}{3}$	Φ_{2103}
92659	1400	684	$\frac{1}{36}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{684}^{2}\ \Phi_{342}^{2}\ \Phi_{228}^{2}\ \Phi_{171}^{2}\ \Phi_{114}^{2}\ \Phi_{76}^{2}\ \Phi_{57}\ \Phi_{38}^{2}\ \Phi_{36}^{4}\ \Phi_{19}^{2}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
92660	1400	2103	$\frac{16}{701}$	$\frac{137}{701}$	$\frac{141}{701}$	$\frac{1}{3}$	Φ_{2103}
92661	1400	435	$\frac{2}{87}$	$\frac{17}{87}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{435}^{4}\ \Phi_{145}^{4}\ \Phi_{15}^{5}\ \Phi_{5}^{4}$
92662	1400	180	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^{10}\ \Phi_{45}^{10}\ \Phi_{30}^{8}\ \Phi_{20}^{10}\ \Phi_{15}^{9}\ \Phi_{10}^{8}\ \Phi_{5}^{8}$
92663	1400	435	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{435}^{6}\ \Phi_{15}^{7}$
92664	1400	1560	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1560}^{2}\ \Phi_{780}^{2}\ \Phi_{390}\ \Phi_{195}\ \Phi_{120}\ \Phi_{60}\ \Phi_{15}$
92665	1400	135	$\frac{1}{15}$	$\frac{2}{27}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{135}^{11}\ \Phi_{45}^{11}\ \Phi_{27}^{12}\ \Phi_{15}^{4}\ \Phi_{9}^{12}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
92666	1400	834	$\frac{4}{139}$	$\frac{1}{6}$	$\frac{27}{139}$	$\frac{1}{3}$	$\Phi_{834}^{2}\ \Phi_{417}\ \Phi_{278}^{2}\ \Phi_{139}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
92667	1400	2103	$\frac{21}{701}$	$\frac{113}{701}$	$\frac{136}{701}$	$\frac{1}{3}$	Φ_{2103}
92668	1400	792	$\frac{4}{99}$	$\frac{1}{8}$	$\frac{19}{99}$	$\frac{1}{3}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{3}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
92669	1400	2103	$\frac{31}{701}$	$\frac{81}{701}$	$\frac{134}{701}$	$\frac{1}{3}$	Φ_{2103}
92670	1400	759	$\frac{4}{69}$	$\frac{1}{11}$	$\frac{13}{69}$	$\frac{1}{3}$	$\Phi_{759}^{2}\ \Phi_{253}^{2}\ \Phi_{33}^{3}\ \Phi_{11}^{2}$
92671	1400	2103	$\frac{46}{701}$	$\frac{57}{701}$	$\frac{131}{701}$	$\frac{1}{3}$	Φ_{2103}
92672	1400	735	$\frac{1}{15}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{1}{3}$	$\Phi_{735}^{2}\ \Phi_{245}^{2}\ \Phi_{147}\ \Phi_{105}^{2}\ \Phi_{49}^{2}\ \Phi_{35}^{2}\ \Phi_{21}\ \Phi_{15}^{4}\ \Phi_{7}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
92673	1400	2103	$\frac{41}{701}$	$\frac{66}{701}$	$\frac{127}{701}$	$\frac{1}{3}$	Φ_{2103}
92674	1400	357	$\frac{1}{21}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{357}^{4}\ \Phi_{119}^{4}\ \Phi_{51}^{2}\ \Phi_{21}^{6}\ \Phi_{17}^{4}\ \Phi_{7}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
92675	1400	2103	$\frac{29}{701}$	$\frac{96}{701}$	$\frac{121}{701}$	$\frac{1}{3}$	Φ_{2103}
92676	1400	174	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{174}^{8}\ \Phi_{87}^{9}\ \Phi_{58}^{8}\ \Phi_{29}^{8}$
92677	1400	834	$\frac{6}{139}$	$\frac{19}{139}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{834}^{2}\ \Phi_{417}\ \Phi_{278}^{2}\ \Phi_{139}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
92678	1400	168	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{168}^{10}\ \Phi_{84}^{10}\ \Phi_{56}^{10}\ \Phi_{42}^{4}\ \Phi_{28}^{10}\ \Phi_{24}^{7}\ \Phi_{21}^{6}\ \Phi_{14}^{4}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{7}^{6}\ \Phi_{6}^{3}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
92679	1400	834	$\frac{9}{139}$	$\frac{13}{139}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{834}^{2}\ \Phi_{417}\ \Phi_{278}^{2}\ \Phi_{139}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
92680	1400	330	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{330}^{6}\ \Phi_{165}^{4}\ \Phi_{110}^{6}\ \Phi_{66}^{4}\ \Phi_{55}^{4}\ \Phi_{33}^{3}\ \Phi_{22}^{4}\ \Phi_{11}^{2}$
92681	1400	297	$\frac{2}{27}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{3}$	$\Phi_{297}^{5}\ \Phi_{99}^{5}\ \Phi_{33}^{2}\ \Phi_{27}^{6}\ \Phi_{11}\ \Phi_{9}^{6}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
92682	1400	420	$\frac{1}{15}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{70}^{4}\ \Phi_{60}^{4}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{4}\ \Phi_{28}^{4}\ \Phi_{21}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{2}\ \Phi_{10}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
92683	1400	1848	$\frac{2}{33}$	$\frac{1}{8}$	$\frac{31}{231}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{168}\ \Phi_{154}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
92684	1400	759	$\frac{2}{23}$	$\frac{1}{11}$	$\frac{3}{23}$	$\frac{1}{3}$	$\Phi_{759}^{3}\ \Phi_{33}^{4}$
92685	1400	2103	$\frac{61}{701}$	$\frac{64}{701}$	$\frac{91}{701}$	$\frac{1}{3}$	Φ_{2103}
92686	1400	1485	$\frac{2}{27}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{3}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{135}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{27}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
92687	1400	216	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{216}^{8}\ \Phi_{108}^{8}\ \Phi_{72}^{6}\ \Phi_{54}^{8}\ \Phi_{36}^{6}\ \Phi_{24}^{7}\ \Phi_{18}^{6}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
92688	1400	264	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{264}^{9}\ \Phi_{132}^{9}\ \Phi_{66}^{9}\ \Phi_{24}^{10}\ \Phi_{12}^{10}\ \Phi_{6}^{10}$
92689	1400	405	$\frac{1}{27}$	$\frac{11}{81}$	$\frac{1}{5}$	$\frac{26}{81}$	$\Phi_{405}^{4}\ \Phi_{135}^{5}\ \Phi_{45}^{5}\ \Phi_{15}^{5}\ \Phi_{5}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
92690	1400	2565	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{163}{513}$	$\Phi_{2565}\ \Phi_{135}\ \Phi_{45}\ \Phi_{15}$
92691	1400	663	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{16}{51}$	$\Phi_{663}^3\ \Phi_{51}^4\ \Phi_{39}^3\ \Phi_{13}^3\ \Phi_3^4\ \Phi_1^4$
92692	1400	2805	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{16}{51}$	$\Phi_{2805}\ \Phi_{165}\ \Phi_{55}$
92693	1400	663	$\frac{1}{17}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{16}{51}$	$\Phi_{663}^2\ \Phi_{221}^2\ \Phi_{51}^3\ \Phi_{39}^3\ \Phi_{17}^2\ \Phi_{13}^3\ \Phi_3^4\ \Phi_1^4$
92694	1400	306	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{16}{51}$	$\Phi_{306}^6\ \Phi_{153}^4\ \Phi_{102}^4\ \Phi_{51}^3\ \Phi_{34}^4\ \Phi_{18}^9\ \Phi_{17}^2\ \Phi_9^6\ \Phi_6^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
92695	1400	2535	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{157}{507}$	$\Phi_{2535}\ \Phi_{195}\ \Phi_{65}\ \Phi_{15}$
92696	1400	1980	$\frac{3}{55}$	$\frac{1}{12}$	$\frac{13}{55}$	$\frac{11}{36}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{198}\ \Phi_{180}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
92697	1400	180	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{45}^{11}\ \Phi_{36}^{12}\ \Phi_{18}^{12}\ \Phi_{15}^4\ \Phi_9^{12}\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
92698	1400	396	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{11}{36}$	$\Phi_{396}^5\ \Phi_{198}^5\ \Phi_{99}^5\ \Phi_{36}^6\ \Phi_{33}^2\ \Phi_{18}^6\ \Phi_{11}\ \Phi_9^6\ \Phi_3^2\ \Phi_1^2$
92699	1400	1980	$\frac{1}{12}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{11}{36}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{198}\ \Phi_{180}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
92700	1400	72	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{11}{36}$	$\Phi_{72}^{21}\ \Phi_{36}^{16}\ \Phi_{24}^{25}\ \Phi_{18}^{16}\ \Phi_{12}^{19}\ \Phi_9^{15}\ \Phi_8^{24}\ \Phi_6^{19}\ \Phi_4^{18}\ \Phi_3^{18}\ \Phi_2^{18}\ \Phi_1^{18}$
92701	1400	198	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{23}{198}$	$\frac{10}{33}$	$\Phi_{198}^8\ \Phi_{99}^6\ \Phi_{66}^8\ \Phi_{33}^7\ \Phi_{22}^8\ \Phi_{18}^8\ \Phi_{11}^6\ \Phi_9^5\ \Phi_6^8\ \Phi_3^6\ \Phi_2^8\ \Phi_1^6$
92702	1400	576	$\frac{17}{192}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^2\ \Phi_{144}^3\ \Phi_{96}^2\ \Phi_{72}\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
92703	1400	1215	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{1}{5}$	$\frac{68}{243}$	$\Phi_{1215}^2\ \Phi_{135}\ \Phi_{45}\ \Phi_{15}$
92704	1400	1968	$\frac{1}{41}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{492}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}$
92705	1400	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{13}{48}$	$\Phi_{144}^{11}\ \Phi_{72}^{11}\ \Phi_{48}^6\ \Phi_{36}^{11}\ \Phi_{24}^6\ \Phi_{18}^{11}\ \Phi_{16}^{10}\ \Phi_{12}^6\ \Phi_9^{10}\ \Phi_8^{10}\ \Phi_6^6\ \Phi_4^{10}\ \Phi_3^5\ \Phi_2^{10}\ \Phi_1^{10}$
92706	1400	494	$\frac{1}{26}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{494}^3\ \Phi_{247}^3\ \Phi_{38}^3\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_2^2$
92707	1400	536	$\frac{3}{67}$	$\frac{1}{8}$	$\frac{16}{67}$	$\frac{17}{67}$	$\Phi_{536}^3\ \Phi_{268}^3\ \Phi_{134}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
92708	1400	1170	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{19}{78}$	$\frac{59}{234}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{195}\ \Phi_{90}^2\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{15}$
92709	1400	1540	$\frac{3}{55}$	$\frac{3}{28}$	$\frac{13}{55}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{154}\ \Phi_{140}\ \Phi_{77}\ \Phi_{70}\ \Phi_{55}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
92710	1400	184	$\frac{9}{184}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{184}^8\ \Phi_{92}^7\ \Phi_{46}^7\ \Phi_{23}^8\ \Phi_8^8\ \Phi_4^6\ \Phi_2^6\ \Phi_1^8$
92711	1400	420	$\frac{1}{15}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^3\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^3\ \Phi_{42}^4\ \Phi_{35}^3\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
92712	1400	924	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{5}{33}$	$\frac{1}{4}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}\ \Phi_{231}^2\ \Phi_{154}\ \Phi_{84}^2\ \Phi_{77}\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^2$
92713	1400	1540	$\frac{3}{28}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{154}\ \Phi_{140}\ \Phi_{77}\ \Phi_{70}\ \Phi_{55}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
92714	1400	504	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{504}^4\ \Phi_{252}^3\ \Phi_{168}^4\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{72}\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{36}\ \Phi_{24}\ \Phi_{21}^3\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
92715	1400	1080	$\frac{1}{27}$	$\frac{41}{216}$	$\frac{1}{5}$	$\frac{13}{54}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{180}^2\ \Phi_{135}\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{15}$
92716	1400	874	$\frac{1}{23}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{11}{46}$	$\Phi_{874}^2\ \Phi_{437}\ \Phi_{46}^4\ \Phi_{38}^2\ \Phi_{23}^2\ \Phi_{19}^2\ \Phi_2^4\ \Phi_1^4$
92717	1400	690	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{11}{46}$	$\Phi_{690}^3\ \Phi_{345}^3\ \Phi_{230}\ \Phi_{115}^2\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^2\ \Phi_5^2$
92718	1400	1760	$\frac{3}{55}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{13}{55}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}\ \Phi_{80}\ \Phi_{55}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
92719	1400	330	$\frac{3}{55}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{13}{55}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{55}^5\ \Phi_{33}^4\ \Phi_{30}^4\ \Phi_{22}^4\ \Phi_{15}^4\ \Phi_{11}^5\ \Phi_{10}^4\ \Phi_6^8\ \Phi_5^5\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
92720	1400	1399	$\frac{83}{1399}$	$\frac{214}{1399}$	$\frac{237}{1399}$	$\frac{329}{1399}$	$\Phi_{1399}\ \Phi_1^2$
92721	1400	1686	$\frac{17}{281}$	$\frac{43}{281}$	$\frac{1}{6}$	$\frac{66}{281}$	$\Phi_{1686}\ \Phi_{843}\ \Phi_{562}$
92722	1400	195	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{5}$	$\frac{3}{13}$	$\Phi_{195}^{10}\ \Phi_{65}^7\ \Phi_{15}^{10}\ \Phi_5^6$
92723	1400	221	$\frac{1}{13}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{3}{13}$	$\Phi_{221}^6\ \Phi_{17}^8\ \Phi_{13}^9\ \Phi_1^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
92724	1400	312	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{3}{13}$	$\Phi_{312}^6\ \Phi_{156}^6\ \Phi_{104}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{24}^8\ \Phi_{13}^3\ \Phi_{12}^8\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{1}^4$
92725	1400	1399	$\frac{115}{1399}$	$\frac{154}{1399}$	$\frac{249}{1399}$	$\frac{321}{1399}$	$\Phi_{1399}\ \Phi_{1}^2$
92726	1400	1608	$\frac{17}{201}$	$\frac{1}{8}$	$\frac{31}{201}$	$\frac{46}{201}$	$\Phi_{1608}\ \Phi_{804}\ \Phi_{536}\ \Phi_{402}\ \Phi_{268}\ \Phi_{134}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
92727	1400	1399	$\frac{123}{1399}$	$\frac{169}{1399}$	$\frac{216}{1399}$	$\frac{319}{1399}$	$\Phi_{1399}\ \Phi_{1}^2$
92728	1400	1686	$\frac{25}{281}$	$\frac{31}{281}$	$\frac{1}{6}$	$\frac{64}{281}$	$\Phi_{1686}\ \Phi_{843}\ \Phi_{562}$
92729	1400	441	$\frac{4}{49}$	$\frac{1}{9}$	$\frac{9}{49}$	$\frac{2}{9}$	$\Phi_{441}^3\ \Phi_{147}^3\ \Phi_{63}^3\ \Phi_{49}^4\ \Phi_{21}^3\ \Phi_{9}^6\ \Phi_{7}^4\ \Phi_{3}^6\ \Phi_{1}^8$
92730	1400	198	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{2}{9}$	$\Phi_{198}^9\ \Phi_{99}^6\ \Phi_{66}^{10}\ \Phi_{33}^7\ \Phi_{22}^{10}\ \Phi_{11}^6$
92731	1400	252	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{9}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^6\ \Phi_{63}^3\ \Phi_{42}^6\ \Phi_{36}^6\ \Phi_{28}^8\ \Phi_{21}^3\ \Phi_{18}^6\ \Phi_{14}^8\ \Phi_{12}^6\ \Phi_{9}^6\ \Phi_{7}^4\ \Phi_{6}^6\ \Phi_{4}^8\ \Phi_{3}^6\ \Phi_{2}^8\ \Phi_{1}^8$
92732	1400	1399	$\frac{109}{1399}$	$\frac{163}{1399}$	$\frac{258}{1399}$	$\frac{309}{1399}$	$\Phi_{1399}\ \Phi_{1}^2$
92733	1400	1551	$\frac{1}{11}$	$\frac{17}{141}$	$\frac{22}{141}$	$\frac{31}{141}$	$\Phi_{1551}\ \Phi_{517}\ \Phi_{33}$
92734	1400	480	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^3\ \Phi_{96}^4\ \Phi_{80}^3\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{1}^4$
92735	1400	1056	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{33}$	$\frac{7}{32}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}\ \Phi_{176}\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{33}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_{3}^2\ \Phi_{1}^2$
92736	1400	1760	$\frac{6}{55}$	$\frac{1}{8}$	$\frac{7}{55}$	$\frac{7}{32}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}\ \Phi_{80}\ \Phi_{55}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^2$
92737	1400	288	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{32}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}^7\ \Phi_{72}\ \Phi_{48}^7\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
92738	1400	1399	$\frac{118}{1399}$	$\frac{183}{1399}$	$\frac{219}{1399}$	$\frac{304}{1399}$	$\Phi_{1399}\ \Phi_{1}^2$
92739	1400	1686	$\frac{22}{281}$	$\frac{37}{281}$	$\frac{1}{6}$	$\frac{61}{281}$	$\Phi_{1686}\ \Phi_{843}\ \Phi_{562}$
92740	1400	1311	$\frac{4}{69}$	$\frac{3}{19}$	$\frac{13}{69}$	$\frac{4}{19}$	$\Phi_{1311}\ \Phi_{437}\ \Phi_{69}^2\ \Phi_{57}\ \Phi_{23}^2\ \Phi_{19}^2\ \Phi_{3}^2\ \Phi_{1}^4$
92741	1400	570	$\frac{1}{15}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\Phi_{570}^3\ \Phi_{285}^2\ \Phi_{190}^3\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{30}^6\ \Phi_{19}^2\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_{6}^4\ \Phi_{5}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
92742	1400	437	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{437}^3\ \Phi_{23}^6\ \Phi_{19}^4\ \Phi_{1}^8$
92743	1400	1672	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{418}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}^2$
92744	1400	1399	$\frac{79}{1399}$	$\frac{227}{1399}$	$\frac{264}{1399}$	$\frac{293}{1399}$	$\Phi_{1399}\ \Phi_{1}^2$
92745	1400	1515	$\frac{1}{15}$	$\frac{16}{101}$	$\frac{17}{101}$	$\frac{21}{101}$	$\Phi_{1515}\ \Phi_{505}\ \Phi_{303}$
92746	1400	1399	$\frac{111}{1399}$	$\frac{184}{1399}$	$\frac{243}{1399}$	$\frac{289}{1399}$	$\Phi_{1399}\ \Phi_{1}^2$
92747	1400	1551	$\frac{1}{11}$	$\frac{16}{141}$	$\frac{25}{141}$	$\frac{29}{141}$	$\Phi_{1551}\ \Phi_{517}\ \Phi_{33}$
92748	1400	396	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{9}{44}$	$\Phi_{396}^5\ \Phi_{198}^5\ \Phi_{132}^5\ \Phi_{99}\ \Phi_{66}^5\ \Phi_{36}^5\ \Phi_{33}\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_{6}^5$
92749	1400	1399	$\frac{124}{1399}$	$\frac{159}{1399}$	$\frac{255}{1399}$	$\frac{286}{1399}$	$\Phi_{1399}\ \Phi_{1}^2$
92750	1400	1608	$\frac{16}{201}$	$\frac{1}{8}$	$\frac{37}{201}$	$\frac{41}{201}$	$\Phi_{1608}\ \Phi_{804}\ \Phi_{536}\ \Phi_{402}\ \Phi_{268}\ \Phi_{134}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
92751	1400	1399	$\frac{84}{1399}$	$\frac{223}{1399}$	$\frac{263}{1399}$	$\frac{284}{1399}$	$\Phi_{1399}\ \Phi_{1}^2$
92752	1400	1686	$\frac{16}{281}$	$\frac{1}{6}$	$\frac{53}{281}$	$\frac{57}{281}$	$\Phi_{1686}\ \Phi_{843}\ \Phi_{562}$
92753	1400	690	$\frac{4}{69}$	$\frac{1}{6}$	$\frac{13}{69}$	$\frac{1}{5}$	$\Phi_{690}^3\ \Phi_{345}^2\ \Phi_{230}^3\ \Phi_{115}^2\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_{5}^2$
92754	1400	585	$\frac{7}{117}$	$\frac{19}{117}$	$\frac{22}{117}$	$\frac{1}{5}$	$\Phi_{585}^3\ \Phi_{195}^3\ \Phi_{65}^3\ \Phi_{45}^3\ \Phi_{15}^3\ \Phi_{5}^2$
92755	1400	405	$\frac{2}{27}$	$\frac{11}{81}$	$\frac{5}{27}$	$\frac{1}{5}$	$\Phi_{405}^5\ \Phi_{135}^3\ \Phi_{45}^3\ \Phi_{15}^3\ \Phi_{5}^2$
92756	1400	1960	$\frac{4}{49}$	$\frac{1}{8}$	$\frac{9}{49}$	$\frac{1}{5}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
92757	1400	1755	$\frac{31}{351}$	$\frac{41}{351}$	$\frac{64}{351}$	$\frac{1}{5}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{195}\ \Phi_{135}\ \Phi_{65}\ \Phi_{45}\ \Phi_{15}$
92758	1400	935	$\frac{1}{11}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{5}$	$\Phi_{935}^2\ \Phi_{55}^3$
92759	1400	1755	$\frac{29}{351}$	$\frac{46}{351}$	$\frac{61}{351}$	$\frac{1}{5}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{195}\ \Phi_{135}\ \Phi_{65}\ \Phi_{45}\ \Phi_{15}$
92760	1400	30	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{30}^{44}\ \Phi_{15}^{48}\ \Phi_{10}^{44}\ \Phi_{6}^{48}\ \Phi_{5}^{47}\ \Phi_{3}^{52}\ \Phi_{2}^{48}\ \Phi_{1}^{52}$
92761	1400	690	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{690}^3\ \Phi_{345}^3\ \Phi_{230}^3\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
92762	1400	1320	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{55}$
92763	1400	280	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{280}^{7}\ \Phi_{140}^{5}\ \Phi_{70}^{5}\ \Phi_{40}^{8}\ \Phi_{35}^{6}\ \Phi_{20}^{6}\ \Phi_{10}^{6}\ \Phi_{5}^{6}$
92764	1400	663	$\frac{4}{39}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{39}$	$\Phi_{663}^{2}\ \Phi_{221}^{2}\ \Phi_{51}^{2}\ \Phi_{39}^{3}\ \Phi_{17}^{4}\ \Phi_{13}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
92765	1400	312	$\frac{4}{39}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{39}$	$\Phi_{312}^{5}\ \Phi_{156}^{5}\ \Phi_{104}^{5}\ \Phi_{78}^{2}\ \Phi_{52}^{5}\ \Phi_{39}^{3}\ \Phi_{26}^{2}\ \Phi_{24}^{7}\ \Phi_{13}^{3}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{3}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
92766	1400	1399	$\frac{144}{1399}$	$\frac{164}{1399}$	$\frac{247}{1399}$	$\frac{251}{1399}$	$\Phi_{1399}\ \Phi_{1}^{2}$
92767	1400	536	$\frac{7}{67}$	$\frac{1}{8}$	$\frac{11}{67}$	$\frac{12}{67}$	$\Phi_{536}^{3}\ \Phi_{268}^{3}\ \Phi_{134}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
92768	1400	1399	$\frac{154}{1399}$	$\frac{167}{1399}$	$\frac{230}{1399}$	$\frac{249}{1399}$	$\Phi_{1399}\ \Phi_{1}^{2}$
92769	1400	1686	$\frac{31}{281}$	$\frac{33}{281}$	$\frac{1}{6}$	$\frac{50}{281}$	$\Phi_{1686}\ \Phi_{843}\ \Phi_{562}$
92770	1400	306	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{3}{17}$	$\Phi_{306}^{6}\ \Phi_{153}^{4}\ \Phi_{102}^{4}\ \Phi_{51}^{2}\ \Phi_{34}^{4}\ \Phi_{18}^{9}\ \Phi_{17}^{4}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
92771	1400	1584	$\frac{1}{9}$	$\frac{21}{176}$	$\frac{29}{176}$	$\frac{31}{176}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{72}\ \Phi_{66}\ \Phi_{48}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
92772	1400	1399	$\frac{146}{1399}$	$\frac{179}{1399}$	$\frac{231}{1399}$	$\frac{244}{1399}$	$\Phi_{1399}\ \Phi_{1}^{2}$
92773	1400	1686	$\frac{29}{281}$	$\frac{36}{281}$	$\frac{1}{6}$	$\frac{49}{281}$	$\Phi_{1686}\ \Phi_{843}\ \Phi_{562}$
92774	1400	66	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{66}^{20}\ \Phi_{33}^{22}\ \Phi_{22}^{20}\ \Phi_{11}^{21}\ \Phi_{6}^{24}\ \Phi_{3}^{26}\ \Phi_{2}^{24}\ \Phi_{1}^{26}$
92775	1400	330	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{330}^{4}\ \Phi_{165}^{4}\ \Phi_{110}^{4}\ \Phi_{66}^{4}\ \Phi_{55}^{5}\ \Phi_{33}^{4}\ \Phi_{30}^{4}\ \Phi_{22}^{4}\ \Phi_{15}^{4}\ \Phi_{11}^{5}\ \Phi_{10}^{4}\ \Phi_{6}^{8}\ \Phi_{5}^{5}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
92776	1400	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{72}^{25}\ \Phi_{36}^{25}\ \Phi_{24}^{17}\ \Phi_{18}^{13}\ \Phi_{12}^{17}\ \Phi_{9}^{12}\ \Phi_{8}^{16}\ \Phi_{6}^{9}\ \Phi_{4}^{16}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
92777	1401	2240	$\frac{1}{280}$	$\frac{281}{1120}$	$\frac{839}{2240}$	$\frac{279}{560}$	$\Phi_{2240}\ \Phi_{560}\ \Phi_{448}\ \Phi_{320}\ \Phi_{112}\ \Phi_{80}\ \Phi_{64}\ \Phi_{16}\ \Phi_{1}$
92778	1401	1860	$\frac{2}{465}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{463}{930}$	$\Phi_{1860}\ \Phi_{620}\ \Phi_{465}\ \Phi_{372}\ \Phi_{155}\ \Phi_{124}\ \Phi_{93}\ \Phi_{60}\ \Phi_{31}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
92779	1401	800	$\frac{1}{200}$	$\frac{67}{400}$	$\frac{333}{800}$	$\frac{199}{400}$	$\Phi_{800}^{3}\ \Phi_{400}\ \Phi_{160}^{3}\ \Phi_{80}\ \Phi_{32}^{3}\ \Phi_{16}\ \Phi_{1}$
92780	1401	624	$\frac{1}{156}$	$\frac{1}{4}$	$\frac{157}{624}$	$\frac{155}{312}$	$\Phi_{624}^{3}\ \Phi_{208}^{3}\ \Phi_{156}^{3}\ \Phi_{78}^{3}\ \Phi_{52}^{3}\ \Phi_{48}^{3}\ \Phi_{39}^{3}\ \Phi_{26}^{3}\ \Phi_{16}^{3}\ \Phi_{13}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
92781	1401	928	$\frac{3}{464}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{461}{928}$	$\Phi_{928}^{3}\ \Phi_{32}^{3}\ \Phi_{16}\ \Phi_{1}$
92782	1401	928	$\frac{3}{464}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{461}{928}$	$\Phi_{928}^{3}\ \Phi_{32}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
92783	1401	924	$\frac{5}{462}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{457}{924}$	$\Phi_{924}^{3}\ \Phi_{308}^{3}\ \Phi_{132}^{3}\ \Phi_{84}^{3}\ \Phi_{44}^{3}\ \Phi_{28}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
92784	1401	924	$\frac{5}{462}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{457}{924}$	$\Phi_{924}\ \Phi_{462}^{2}\ \Phi_{308}\ \Phi_{231}^{2}\ \Phi_{154}^{2}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}^{2}\ \Phi_{66}^{2}\ \Phi_{44}\ \Phi_{42}^{2}\ \Phi_{33}^{2}\ \Phi_{28}\ \Phi_{22}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{3}\ \Phi_{1}^{3}$
92785	1401	1876	$\frac{6}{469}$	$\frac{1}{7}$	$\frac{475}{1876}$	$\frac{463}{938}$	$\Phi_{1876}\ \Phi_{469}\ \Phi_{268}\ \Phi_{67}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
92786	1401	920	$\frac{7}{460}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{453}{920}$	$\Phi_{920}^{3}\ \Phi_{184}^{3}\ \Phi_{40}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
92787	1401	1836	$\frac{8}{459}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{451}{918}$	$\Phi_{1836}\ \Phi_{612}\ \Phi_{459}\ \Phi_{204}\ \Phi_{153}\ \Phi_{108}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}^{2}\ \Phi_{27}\ \Phi_{18}\ \Phi_{17}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
92788	1401	896	$\frac{1}{56}$	$\frac{19}{448}$	$\frac{429}{896}$	$\frac{55}{112}$	$\Phi_{896}^{3}\ \Phi_{128}^{3}\ \Phi_{112}\ \Phi_{16}\ \Phi_{1}$
92789	1401	672	$\frac{1}{56}$	$\frac{19}{224}$	$\frac{205}{672}$	$\frac{55}{112}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{168}^{3}\ \Phi_{112}\ \Phi_{96}^{3}\ \Phi_{84}^{3}\ \Phi_{48}^{3}\ \Phi_{42}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{16}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}$
92790	1401	1568	$\frac{1}{56}$	$\frac{167}{1568}$	$\frac{57}{224}$	$\frac{55}{112}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{49}\ \Phi_{16}\ \Phi_{1}$
92791	1401	1792	$\frac{1}{56}$	$\frac{57}{448}$	$\frac{391}{1792}$	$\frac{55}{112}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{256}\ \Phi_{128}\ \Phi_{112}\ \Phi_{16}\ \Phi_{1}$
92792	1401	560	$\frac{1}{56}$	$\frac{93}{560}$	$\frac{19}{112}$	$\frac{55}{112}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{112}\ \Phi_{80}^{3}\ \Phi_{70}^{3}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{20}^{3}\ \Phi_{16}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{1}$
92793	1401	2752	$\frac{25}{1376}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1351}{2752}$	$\Phi_{2752}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
92794	1401	1880	$\frac{9}{470}$	$\frac{1}{10}$	$\frac{479}{1880}$	$\frac{461}{940}$	$\Phi_{1880}\ \Phi_{470}\ \Phi_{376}\ \Phi_{235}\ \Phi_{94}\ \Phi_{47}\ \Phi_{40}\ \Phi_{8}\ \Phi_{1}$
92795	1401	520	$\frac{1}{52}$	$\frac{53}{520}$	$\frac{1}{4}$	$\frac{51}{104}$	$\Phi_{520}^{3}\ \Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{65}^{3}\ \Phi_{52}^{3}\ \Phi_{40}^{3}\ \Phi_{26}^{3}\ \Phi_{20}^{3}\ \Phi_{13}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
92796	1401	912	$\frac{11}{456}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{445}{912}$	$\Phi_{912}^{3}\ \Phi_{304}^{3}\ \Phi_{48}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
92797	1401	2720	$\frac{1}{40}$	$\frac{41}{1360}$	$\frac{1319}{2720}$	$\frac{39}{80}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{160}\ \Phi_{80}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
92798	1401	1820	$\frac{12}{455}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{443}{910}$	$\Phi_{1820}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{140}\ \Phi_{91}\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
92799	1401	504	$\frac{1}{36}$	$\frac{37}{504}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
92800	1401	2704	$\frac{49}{1352}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{1303}{2704}$	$\Phi_{2704}\ \Phi_{208}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
92801	1401	900	$\frac{17}{450}$	$\frac{1}{25}$	$\frac{8}{25}$	$\frac{433}{900}$	$\Phi_{900}^3\ \Phi_{300}^3\ \Phi_{180}^3\ \Phi_{100}^3\ \Phi_{60}^3\ \Phi_{36}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_5^2\ \Phi_4^3\ \Phi_1^3$
92802	1401	900	$\frac{17}{450}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{433}{900}$	$\Phi_{900}\ \Phi_{450}^2\ \Phi_{300}\ \Phi_{225}^2\ \Phi_{180}\ \Phi_{150}^2\ \Phi_{100}\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
92803	1401	896	$\frac{1}{28}$	$\frac{19}{448}$	$\frac{9}{28}$	$\frac{429}{896}$	$\Phi_{896}^3\ \Phi_{128}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
92804	1401	896	$\frac{19}{448}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{429}{896}$	$\Phi_{896}^3\ \Phi_{128}^3\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
92805	1401	1900	$\frac{1}{25}$	$\frac{24}{475}$	$\frac{499}{1900}$	$\frac{451}{950}$	$\Phi_{1900}\ \Phi_{475}\ \Phi_{380}\ \Phi_{100}\ \Phi_{95}\ \Phi_{76}\ \Phi_{20}\ \Phi_{19}\ \Phi_4\ \Phi_1$
92806	1401	512	$\frac{7}{128}$	$\frac{45}{512}$	$\frac{1}{8}$	$\frac{121}{256}$	$\Phi_{512}^3\ \Phi_{256}^2\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
92807	1401	884	$\frac{1}{26}$	$\frac{25}{442}$	$\frac{1}{4}$	$\frac{417}{884}$	$\Phi_{884}\ \Phi_{442}^2\ \Phi_{221}^2\ \Phi_{68}\ \Phi_{52}^3\ \Phi_{34}^2\ \Phi_{26}^3\ \Phi_{17}^2\ \Phi_{13}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
92808	1401	1904	$\frac{1}{28}$	$\frac{27}{476}$	$\frac{503}{1904}$	$\frac{449}{952}$	$\Phi_{1904}\ \Phi_{476}\ \Phi_{272}\ \Phi_{238}\ \Phi_{119}\ \Phi_{112}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
92809	1401	1456	$\frac{55}{1456}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{208}\ \Phi_{182}\ \Phi_{112}\ \Phi_{91}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{16}\ \Phi_{14}\ \Phi_{13}\ \Phi_7\ \Phi_1$
92810	1401	880	$\frac{1}{40}$	$\frac{27}{440}$	$\frac{13}{40}$	$\frac{413}{880}$	$\Phi_{880}^3\ \Phi_{176}^3\ \Phi_{80}^3\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
92811	1401	880	$\frac{27}{440}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{413}{880}$	$\Phi_{880}^3\ \Phi_{176}^3\ \Phi_{88}\ \Phi_{80}^3\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}^3\ \Phi_{11}\ \Phi_1$
92812	1401	864	$\frac{1}{36}$	$\frac{35}{432}$	$\frac{1}{4}$	$\frac{397}{864}$	$\Phi_{864}^3\ \Phi_{288}^3\ \Phi_{96}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
92813	1401	640	$\frac{1}{40}$	$\frac{13}{160}$	$\frac{173}{640}$	$\frac{147}{320}$	$\Phi_{640}^3\ \Phi_{160}^3\ \Phi_{128}^3\ \Phi_{80}^3\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
92814	1401	480	$\frac{13}{480}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
92815	1401	1716	$\frac{1}{39}$	$\frac{38}{429}$	$\frac{1}{4}$	$\frac{391}{858}$	$\Phi_{1716}\ \Phi_{572}\ \Phi_{429}\ \Phi_{156}^2\ \Phi_{143}\ \Phi_{132}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{44}\ \Phi_{39}\ \Phi_{33}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
92816	1401	2560	$\frac{1}{40}$	$\frac{121}{1280}$	$\frac{39}{160}$	$\frac{1159}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{160}\ \Phi_{80}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
92817	1401	2560	$\frac{7}{128}$	$\frac{121}{1280}$	$\frac{1}{8}$	$\frac{1159}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
92818	1401	840	$\frac{1}{70}$	$\frac{47}{420}$	$\frac{23}{70}$	$\frac{373}{840}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{24}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
92819	1401	832	$\frac{1}{52}$	$\frac{51}{416}$	$\frac{1}{4}$	$\frac{365}{832}$	$\Phi_{832}^3\ \Phi_{64}^3\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
92820	1401	1856	$\frac{9}{464}$	$\frac{1}{8}$	$\frac{455}{1856}$	$\frac{7}{16}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
92821	1401	480	$\frac{13}{480}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{16}\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1$
92822	1401	2464	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{169}{1232}$	$\frac{1063}{2464}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{224}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
92823	1401	1960	$\frac{1}{70}$	$\frac{69}{490}$	$\frac{559}{1960}$	$\frac{421}{980}$	$\Phi_{1960}\ \Phi_{490}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{40}\ \Phi_8\ \Phi_1$
92824	1401	800	$\frac{1}{100}$	$\frac{67}{400}$	$\frac{33}{100}$	$\frac{333}{800}$	$\Phi_{800}^3\ \Phi_{160}^3\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{32}^3\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
92825	1401	800	$\frac{1}{40}$	$\frac{13}{80}$	$\frac{67}{400}$	$\frac{333}{800}$	$\Phi_{800}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
92826	1401	780	$\frac{1}{78}$	$\frac{77}{390}$	$\frac{1}{4}$	$\frac{313}{780}$	$\Phi_{780}\ \Phi_{390}^2\ \Phi_{260}\ \Phi_{195}^2\ \Phi_{156}^3\ \Phi_{130}^2\ \Phi_{78}^3\ \Phi_{65}^2\ \Phi_{60}\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{30}^2\ \Phi_{26}^3\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
92827	1401	2000	$\frac{1}{100}$	$\frac{99}{500}$	$\frac{599}{2000}$	$\frac{401}{1000}$	$\Phi_{2000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{125}\ \Phi_{80}\ \Phi_{16}\ \Phi_1$
92828	1401	1600	$\frac{1}{40}$	$\frac{199}{1600}$	$\frac{39}{160}$	$\frac{121}{320}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
92829	1401	472	$\frac{5}{472}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{472}^3\ \Phi_{236}^3\ \Phi_{118}^3\ \Phi_{59}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
92830	1401	476	$\frac{9}{476}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{476}^3\ \Phi_{238}^3\ \Phi_{119}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{28}^3\ \Phi_{17}^2\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
92831	1401	720	$\frac{1}{40}$	$\frac{13}{120}$	$\frac{107}{360}$	$\frac{253}{720}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{144}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
92832	1401	480	$\frac{13}{480}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_6^3\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
92833	1401	500	$\frac{1}{25}$	$\frac{33}{500}$	$\frac{8}{25}$	$\frac{17}{50}$	$\Phi_{500}^3\ \Phi_{250}^3\ \Phi_{125}^3\ \Phi_{100}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_5^2\ \Phi_4^3\ \Phi_1^3$
92834	1401	504	$\frac{1}{28}$	$\frac{37}{504}$	$\frac{9}{28}$	$\frac{19}{56}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
92835	1401	525	$\frac{4}{175}$	$\frac{58}{525}$	$\frac{57}{175}$	$\frac{59}{175}$	$\Phi_{525}^3\ \Phi_{175}^2\ \Phi_{105}^3\ \Phi_{75}^3\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_7^2\ \Phi_5^2\ \Phi_3^3\ \Phi_1^3$
92836	1401	704	$\frac{7}{352}$	$\frac{1}{8}$	$\frac{115}{352}$	$\frac{237}{704}$	$\Phi_{704}^3\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{64}^3\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
92837	1401	560	$\frac{1}{70}$	$\frac{93}{560}$	$\frac{23}{70}$	$\frac{47}{140}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
92838	1401	600	$\frac{1}{100}$	$\frac{133}{600}$	$\frac{33}{100}$	$\frac{67}{200}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^2\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^2\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
92839	1401	1404	$\frac{1}{117}$	$\frac{1}{4}$	$\frac{116}{351}$	$\frac{235}{702}$	$\Phi_{1404}\ \Phi_{468}^2\ \Phi_{351}\ \Phi_{234}\ \Phi_{156}^2\ \Phi_{117}\ \Phi_{108}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
92840	1401	700	$\frac{1}{175}$	$\frac{58}{175}$	$\frac{233}{700}$	$\frac{117}{350}$	$\Phi_{700}^3\ \Phi_{175}^2\ \Phi_{140}^3\ \Phi_{100}^3\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_7^2\ \Phi_5^2\ \Phi_4^3\ \Phi_1^3$
92841	1401	483	$\frac{16}{483}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{483}^3\ \Phi_{161}^3\ \Phi_{69}^2\ \Phi_{23}^3\ \Phi_{21}^3\ \Phi_7^3\ \Phi_3\ \Phi_1^3$
92842	1401	1116	$\frac{2}{93}$	$\frac{91}{558}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1116}^2\ \Phi_{558}\ \Phi_{372}\ \Phi_{279}\ \Phi_{124}\ \Phi_{93}\ \Phi_{36}^2\ \Phi_{31}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
92843	1401	480	$\frac{13}{480}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
92844	1401	696	$\frac{3}{232}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{229}{696}$	$\Phi_{696}^3\ \Phi_{348}^3\ \Phi_{174}^3\ \Phi_{87}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
92845	1401	630	$\frac{1}{70}$	$\frac{47}{210}$	$\frac{163}{630}$	$\frac{23}{70}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{126}^3\ \Phi_{90}^3\ \Phi_{70}^2\ \Phi_{63}^3\ \Phi_{45}^3\ \Phi_{35}^2\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^3\ \Phi_7^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
92846	1401	693	$\frac{5}{231}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{226}{693}$	$\Phi_{693}^3\ \Phi_{99}^3\ \Phi_{63}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_1^3$
92847	1401	540	$\frac{1}{36}$	$\frac{73}{540}$	$\frac{1}{4}$	$\frac{35}{108}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
92848	1401	690	$\frac{7}{230}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{223}{690}$	$\Phi_{690}^3\ \Phi_{345}^3\ \Phi_{138}^3\ \Phi_{69}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
92849	1401	672	$\frac{1}{28}$	$\frac{19}{224}$	$\frac{205}{672}$	$\frac{9}{28}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{168}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
92850	1401	560	$\frac{1}{28}$	$\frac{93}{560}$	$\frac{19}{112}$	$\frac{9}{28}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
92851	1401	675	$\frac{1}{25}$	$\frac{17}{225}$	$\frac{208}{675}$	$\frac{8}{25}$	$\Phi_{675}^3\ \Phi_{135}^3\ \Phi_{27}^3\ \Phi_{25}^2\ \Phi_5^2\ \Phi_1^3$
92852	1401	525	$\frac{1}{25}$	$\frac{58}{525}$	$\frac{17}{75}$	$\frac{8}{25}$	$\Phi_{525}^3\ \Phi_{175}^3\ \Phi_{105}^3\ \Phi_{35}^3\ \Phi_{25}^2\ \Phi_{21}^3\ \Phi_7^3\ \Phi_5^2\ \Phi_1^3$
92853	1401	600	$\frac{1}{25}$	$\frac{17}{150}$	$\frac{133}{600}$	$\frac{8}{25}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{120}^3\ \Phi_{100}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{25}^2\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_1^3$
92854	1401	684	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{217}{684}$	$\Phi_{684}^3\ \Phi_{342}^3\ \Phi_{171}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
92855	1401	676	$\frac{3}{52}$	$\frac{49}{676}$	$\frac{1}{4}$	$\frac{209}{676}$	$\Phi_{676}^2\ \Phi_{338}^2\ \Phi_{169}^2\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
92856	1401	528	$\frac{7}{88}$	$\frac{61}{528}$	$\frac{1}{8}$	$\frac{27}{88}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{132}^3\ \Phi_{88}\ \Phi_{66}^3\ \Phi_{48}^3\ \Phi_{44}\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{11}\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
92857	1401	512	$\frac{45}{512}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{19}{64}$	$\Phi_{512}^3\ \Phi_{256}^3\ \Phi_{128}^3\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
92858	1401	972	$\frac{19}{486}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{972}^2\ \Phi_{486}\ \Phi_{324}^2\ \Phi_{243}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
92859	1401	616	$\frac{5}{154}$	$\frac{1}{7}$	$\frac{149}{616}$	$\frac{2}{7}$	$\Phi_{616}^3\ \Phi_{308}^3\ \Phi_{88}^3\ \Phi_{56}^3\ \Phi_{44}^3\ \Phi_{28}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
92860	1401	483	$\frac{16}{483}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{483}^3\ \Phi_{161}^3\ \Phi_{69}^3\ \Phi_{23}^3\ \Phi_7^2\ \Phi_1^3$
92861	1401	539	$\frac{5}{77}$	$\frac{72}{539}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{539}^3\ \Phi_{49}^3\ \Phi_7^2\ \Phi_1^3$
92862	1401	504	$\frac{37}{504}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
92863	1401	648	$\frac{1}{36}$	$\frac{35}{216}$	$\frac{1}{4}$	$\frac{181}{648}$	$\Phi_{648}^3\ \Phi_{324}^3\ \Phi_{162}^3\ \Phi_{81}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
92864	1401	640	$\frac{1}{40}$	$\frac{121}{640}$	$\frac{39}{160}$	$\frac{173}{640}$	$\Phi_{640}^2\ \Phi_{320}^2\ \Phi_{160}^3\ \Phi_{128}^2\ \Phi_{80}^3\ \Phi_{64}^2\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
92865	1401	640	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{121}{640}$	$\frac{173}{640}$	$\Phi_{640}^2\ \Phi_{320}^2\ \Phi_{160}^2\ \Phi_{128}^3\ \Phi_{80}^2\ \Phi_{64}^3\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
92866	1401	624	$\frac{1}{52}$	$\frac{51}{208}$	$\frac{1}{4}$	$\frac{157}{624}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{48}^3\ \Phi_{39}^3\ \Phi_{26}^3\ \Phi_{24}^3\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
92867	1401	580	$\frac{3}{116}$	$\frac{113}{580}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{580}^3\ \Phi_{290}^3\ \Phi_{145}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
92868	1401	480	$\frac{13}{480}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
92869	1401	576	$\frac{1}{36}$	$\frac{109}{576}$	$\frac{35}{144}$	$\frac{1}{4}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
92870	1401	612	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{145}{612}$	$\frac{1}{4}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{153}^3\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^3\ \Phi_{36}^3\ \Phi_{34}^2\ \Phi_{18}^3\ \Phi_{17}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
92871	1401	540	$\frac{1}{18}$	$\frac{73}{540}$	$\frac{17}{90}$	$\frac{1}{4}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{54}^3\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{27}^3\ \Phi_{20}\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
92872	1401	520	$\frac{1}{13}$	$\frac{53}{520}$	$\frac{12}{65}$	$\frac{1}{4}$	$\Phi_{520}^3\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{104}^3\ \Phi_{65}^3\ \Phi_{52}^3\ \Phi_{40}^3\ \Phi_{26}^3\ \Phi_{20}^2\ \Phi_{13}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
92873	1401	504	$\frac{37}{504}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{84}\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
92874	1401	528	$\frac{5}{66}$	$\frac{61}{528}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{132}\ \Phi_{88}^3\ \Phi_{66}^2\ \Phi_{48}^3\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
92875	1401	1092	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{79}{546}$	$\frac{1}{4}$	$\Phi_{1092}^2\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{156}^2\ \Phi_{91}\ \Phi_{84}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}\ \Phi_{26}\ \Phi_{21}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
92876	1401	1792	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{448}$	$\frac{391}{1792}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
92877	1401	1760	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{81}{440}$	$\frac{359}{1760}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}\ \Phi_{88}\ \Phi_{80}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
92878	1402	1398	$\frac{2}{699}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{697}{1398}$	$\Phi_{1398}^2\ \Phi_{466}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92879	1402	936	$\frac{1}{234}$	$\frac{235}{936}$	$\frac{1}{3}$	$\frac{233}{468}$	$\Phi_{936}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92880	1402	1395	$\frac{7}{1395}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{694}{1395}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}\ \Phi_{155}\ \Phi_{93}\ \Phi_{45}\ \Phi_{31}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
92881	1402	1392	$\frac{5}{696}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{691}{1392}$	$\Phi_{1392}^2\ \Phi_{464}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92882	1402	1386	$\frac{8}{693}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{685}{1386}$	$\Phi_{1386}^2\ \Phi_{462}^2\ \Phi_{198}^2\ \Phi_{154}^2\ \Phi_{126}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92883	1402	780	$\frac{1}{78}$	$\frac{79}{780}$	$\frac{1}{3}$	$\frac{77}{156}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92884	1402	4134	$\frac{12}{689}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{677}{1378}$	$\Phi_{4134}\ \Phi_{318}\ \Phi_{78}\ \Phi_{39}\ \Phi_6$
92885	1402	1377	$\frac{25}{1377}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{676}{1377}$	$\Phi_{1377}\ \Phi_{459}\ \Phi_{153}\ \Phi_{81}\ \Phi_{51}\ \Phi_{27}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
92886	1402	756	$\frac{1}{54}$	$\frac{55}{756}$	$\frac{1}{3}$	$\frac{53}{108}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92887	1402	1368	$\frac{17}{684}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{667}{1368}$	$\Phi_{1368}^2\ \Phi_{456}^2\ \Phi_{152}^2\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92888	1402	1365	$\frac{37}{1365}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{664}{1365}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{13}^2\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
92889	1402	4056	$\frac{25}{676}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{651}{1352}$	$\Phi_{4056}\ \Phi_{312}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_6$
92890	1402	2184	$\frac{27}{728}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{168}\ \Phi_{84}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{24}\ \Phi_{21}\ \Phi_6$
92891	1402	1350	$\frac{1}{27}$	$\frac{26}{675}$	$\frac{1}{3}$	$\frac{649}{1350}$	$\Phi_{1350}^2\ \Phi_{450}^2\ \Phi_{270}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
92892	1402	720	$\frac{19}{720}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92893	1402	1326	$\frac{1}{39}$	$\frac{38}{663}$	$\frac{1}{3}$	$\frac{625}{1326}$	$\Phi_{1326}^2\ \Phi_{442}^2\ \Phi_{102}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{34}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92894	1402	1296	$\frac{1}{54}$	$\frac{53}{648}$	$\frac{1}{3}$	$\frac{595}{1296}$	$\Phi_{1296}^2\ \Phi_{432}^2\ \Phi_{144}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92895	1402	1287	$\frac{2}{117}$	$\frac{115}{1287}$	$\frac{1}{3}$	$\frac{586}{1287}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}^2\ \Phi_{99}\ \Phi_{39}^2\ \Phi_{33}\ \Phi_{13}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
92896	1402	1248	$\frac{1}{78}$	$\frac{77}{624}$	$\frac{1}{3}$	$\frac{547}{1248}$	$\Phi_{1248}^2\ \Phi_{416}^2\ \Phi_{96}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{32}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92897	1402	708	$\frac{7}{708}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{708}^2\ \Phi_{354}^2\ \Phi_{236}^2\ \Phi_{177}^2\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92898	1402	1170	$\frac{1}{117}$	$\frac{116}{585}$	$\frac{1}{3}$	$\frac{469}{1170}$	$\Phi_{1170}^2\ \Phi_{390}^2\ \Phi_{234}^2\ \Phi_{130}^2\ \Phi_{117}^2\ \Phi_{90}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92899	1402	1053	$\frac{2}{351}$	$\frac{349}{1053}$	$\frac{1}{3}$	$\frac{352}{1053}$	$\Phi_{1053}\ \Phi_{351}^2\ \Phi_{117}^2\ \Phi_{81}\ \Phi_{39}^2\ \Phi_{27}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
92900	1402	1044	$\frac{5}{348}$	$\frac{1}{6}$	$\frac{343}{1044}$	$\frac{1}{3}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{261}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92901	1402	810	$\frac{1}{54}$	$\frac{109}{810}$	$\frac{53}{162}$	$\frac{1}{3}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92902	1402	1026	$\frac{17}{342}$	$\frac{1}{18}$	$\frac{325}{1026}$	$\frac{1}{3}$	$\Phi_{1026}^2\ \Phi_{513}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92903	1402	1014	$\frac{1}{26}$	$\frac{25}{338}$	$\frac{313}{1014}$	$\frac{1}{3}$	$\Phi_{1014}\ \Phi_{507}\ \Phi_{338}^2\ \Phi_{169}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92904	1402	729	$\frac{28}{729}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{729}^2\ \Phi_{243}^2\ \Phi_{81}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
92905	1402	972	$\frac{1}{54}$	$\frac{53}{324}$	$\frac{271}{972}$	$\frac{1}{3}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{243}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92906	1402	936	$\frac{1}{78}$	$\frac{77}{312}$	$\frac{235}{936}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{39}^2\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92907	1402	864	$\frac{1}{54}$	$\frac{163}{864}$	$\frac{53}{216}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92908	1402	918	$\frac{25}{459}$	$\frac{2}{27}$	$\frac{217}{918}$	$\frac{1}{3}$	$\Phi_{918}^2\ \Phi_{459}\ \Phi_{306}^2\ \Phi_{153}\ \Phi_{102}^2\ \Phi_{54}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92909	1402	837	$\frac{7}{279}$	$\frac{136}{837}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{837}^2\ \Phi_{279}\ \Phi_{93}\ \Phi_{31}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
92910	1402	720	$\frac{19}{720}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92911	1402	720	$\frac{19}{720}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92912	1402	870	$\frac{5}{174}$	$\frac{1}{6}$	$\frac{169}{870}$	$\frac{1}{3}$	$\Phi_{870}^2\ \Phi_{435}^2\ \Phi_{290}^2\ \Phi_{145}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92913	1402	810	$\frac{1}{27}$	$\frac{109}{810}$	$\frac{26}{135}$	$\frac{1}{3}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{90}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92914	1402	780	$\frac{2}{39}$	$\frac{79}{780}$	$\frac{37}{195}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92915	1402	819	$\frac{2}{39}$	$\frac{37}{273}$	$\frac{118}{819}$	$\frac{1}{3}$	$\Phi_{819}^2\ \Phi_{273}\ \Phi_{117}^2\ \Phi_{91}\ \Phi_{63}^2\ \Phi_{39}^2\ \Phi_{21}\ \Phi_{13}^2\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
92916	1402	756	$\frac{55}{756}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92917	1402	792	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{792}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
92918	1403	1320	$\frac{1}{60}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{59}{120}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{120}^3\ \Phi_{88}^2\ \Phi_{44}\ \Phi_{40}^3\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
92919	1403	1320	$\frac{1}{60}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{59}{120}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{120}^3\ \Phi_{88}^2\ \Phi_{40}^3\ \Phi_{33}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_3\ \Phi_1$
92920	1403	2772	$\frac{2}{63}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{84}\ \Phi_{63}\ \Phi_{44}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
92921	1403	1980	$\frac{1}{30}$	$\frac{1}{22}$	$\frac{29}{90}$	$\frac{21}{44}$	$\Phi_{1980}^2\ \Phi_{396}^2\ \Phi_{180}^2\ \Phi_{90}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
92922	1403	704	$\frac{1}{22}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{704}^2\ \Phi_{352}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{64}^3\ \Phi_{44}\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
92923	1403	880	$\frac{1}{22}$	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{21}{44}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{80}^3\ \Phi_{44}\ \Phi_{40}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
92924	1403	2860	$\frac{1}{22}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{2860}\ \Phi_{572}\ \Phi_{260}\ \Phi_{65}\ \Phi_{52}\ \Phi_{44}\ \Phi_{13}\ \Phi_4\ \Phi_1$
92925	1403	3300	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{21}{44}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{300}\ \Phi_{100}\ \Phi_{75}\ \Phi_{44}\ \Phi_{25}\ \Phi_4\ \Phi_1$
92926	1403	132	$\frac{1}{22}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{21}{44}$	$\Phi_{132}^{20}\ \Phi_{66}\ \Phi_{44}^{21}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}^{20}\ \Phi_{11}\ \Phi_4^{21}\ \Phi_1$
92927	1403	792	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{21}{44}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}^3\ \Phi_{44}\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
92928	1403	1540	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{21}{44}$	$\Phi_{1540}^2\ \Phi_{308}^2\ \Phi_{140}^2\ \Phi_{70}\ \Phi_{44}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
92929	1403	1302	$\frac{1}{62}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}\ \Phi_{217}\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{62}\ \Phi_{31}\ \Phi_{21}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
92930	1403	992	$\frac{1}{62}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{992}^2\ \Phi_{248}^2\ \Phi_{124}^2\ \Phi_{62}\ \Phi_{32}\ \Phi_{31}\ \Phi_8\ \Phi_4\ \Phi_1$
92931	1403	1240	$\frac{1}{62}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1240}^2\ \Phi_{248}^2\ \Phi_{124}^2\ \Phi_{62}\ \Phi_{40}\ \Phi_{31}\ \Phi_8\ \Phi_4\ \Phi_1$
92932	1403	1116	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1116}^2\ \Phi_{372}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{93}^2\ \Phi_{62}\ \Phi_{36}\ \Phi_{31}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
92933	1403	693	$\frac{2}{63}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}^2\ \Phi_{77}^2\ \Phi_{63}^3\ \Phi_{33}\ \Phi_{21}^3\ \Phi_9^3\ \Phi_7^3\ \Phi_3\ \Phi_1$
92934	1403	990	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{29}{90}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{90}^3\ \Phi_{45}^3\ \Phi_{33}\ \Phi_{18}^3\ \Phi_9^3\ \Phi_3\ \Phi_1$
92935	1403	2112	$\frac{3}{64}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_3\ \Phi_1$
92936	1403	2640	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{19}{80}$	$\frac{10}{33}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{528}\ \Phi_{264}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_3\ \Phi_1$
92937	1403	2145	$\frac{4}{65}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{195}\ \Phi_{65}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}\ \Phi_3\ \Phi_1$
92938	1403	825	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{14}{75}$	$\frac{10}{33}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{75}^3\ \Phi_{33}\ \Phi_{25}^3\ \Phi_3\ \Phi_1$
92939	1403	66	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{66}^{21}\ \Phi_{33}^{22}\ \Phi_{22}^{21}\ \Phi_{11}^{21}\ \Phi_6^{20}\ \Phi_3^{21}\ \Phi_2^{20}\ \Phi_1^{21}$
92940	1403	792	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{72}$	$\frac{10}{33}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{33}\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_3\ \Phi_1$
92941	1403	2310	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{10}{33}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{231}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{33}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_3\ \Phi_1$
92942	1404	2100	$\frac{1}{350}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{349}{700}$	$\Phi_{2100}\ \Phi_{700}^2\ \Phi_{420}\ \Phi_{300}\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{84}\ \Phi_{60}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
92943	1404	1165	$\frac{1}{233}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{116}{233}$	$\Phi_{1165}\ \Phi_{233}^2\ \Phi_5^2\ \Phi_1^4$
92944	1404	2796	$\frac{1}{233}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{116}{233}$	$\Phi_{2796}\ \Phi_{1398}\ \Phi_{12}^2\ \Phi_6^2$
92945	1404	1403	$\frac{7}{1403}$	$\frac{235}{1403}$	$\frac{584}{1403}$	$\frac{698}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_1^2$
92946	1404	1876	$\frac{3}{469}$	$\frac{1}{4}$	$\frac{118}{469}$	$\frac{233}{469}$	$\Phi_{1876}\ \Phi_{938}\ \Phi_{268}\ \Phi_{134}\ \Phi_{28}\ \Phi_{14}$
92947	1404	1403	$\frac{9}{1403}$	$\frac{350}{1403}$	$\frac{353}{1403}$	$\frac{697}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_1^2$
92948	1404	2480	$\frac{1}{155}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{77}{155}$	$\Phi_{2480}\ \Phi_{496}\ \Phi_{155}\ \Phi_{80}\ \Phi_{31}\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
92949	1404	620	$\frac{1}{155}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{77}{155}$	$\Phi_{620}^2\ \Phi_{310}^2\ \Phi_{155}^3\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
92950	1404	2109	$\frac{5}{703}$	$\frac{118}{703}$	$\frac{1}{3}$	$\frac{349}{703}$	$\Phi_{2109}\ \Phi_{111}\ \Phi_{57}$
92951	1404	2552	$\frac{1}{116}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{115}{232}$	$\Phi_{2552}\ \Phi_{232}^2\ \Phi_{88}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
92952	1404	4872	$\frac{1}{116}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{115}{232}$	$\Phi_{4872}\ \Phi_{168}\ \Phi_{21}$
92953	1404	2552	$\frac{1}{116}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{115}{232}$	$\Phi_{2552}\ \Phi_{232}^2\ \Phi_{88}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
92954	1404	1160	$\frac{1}{116}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{115}{232}$	$\Phi_{1160}^3\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
92955	1404	1403	$\frac{13}{1403}$	$\frac{236}{1403}$	$\frac{389}{1403}$	$\frac{695}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_1^2$
92956	1404	2568	$\frac{1}{107}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{53}{107}$	$\Phi_{2568}\ \Phi_{856}\ \Phi_{107}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
92957	1404	1605	$\frac{1}{107}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{53}{107}$	$\Phi_{1605}\ \Phi_{535}\ \Phi_{107}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
92958	1404	1926	$\frac{1}{107}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{53}{107}$	$\Phi_{1926}\ \Phi_{963}\ \Phi_{107}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
92959	1404	1712	$\frac{1}{107}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{53}{107}$	$\Phi_{1712}\ \Phi_{856}\ \Phi_{107}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
92960	1404	1876	$\frac{5}{469}$	$\frac{79}{469}$	$\frac{1}{4}$	$\frac{232}{469}$	$\Phi_{1876}\ \Phi_{938}\ \Phi_{268}\ \Phi_{134}\ \Phi_{28}\ \Phi_{14}$
92961	1404	1309	$\frac{1}{77}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{38}{77}$	$\Phi_{1309}\ \Phi_{187}\ \Phi_{119}\ \Phi_{77}^2\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{1}^4$
92962	1404	2310	$\frac{1}{77}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{38}{77}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{105}\ \Phi_{66}\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
92963	1404	1309	$\frac{1}{77}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{38}{77}$	$\Phi_{1309}\ \Phi_{187}\ \Phi_{119}\ \Phi_{77}^2\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{1}^4$
92964	1404	308	$\frac{1}{77}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{38}{77}$	$\Phi_{308}^6\ \Phi_{154}^6\ \Phi_{44}^6\ \Phi_{28}^7\ \Phi_{22}^6\ \Phi_{14}^7\ \Phi_{4}^6\ \Phi_{2}^6$
92965	1404	1403	$\frac{19}{1403}$	$\frac{79}{1403}$	$\frac{662}{1403}$	$\frac{692}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^2$
92966	1404	268	$\frac{1}{67}$	$\frac{17}{134}$	$\frac{1}{4}$	$\frac{33}{67}$	$\Phi_{268}^7\ \Phi_{134}^3\ \Phi_{67}^4\ \Phi_{4}^6\ \Phi_{2}^2\ \Phi_{1}^4$
92967	1404	671	$\frac{1}{61}$	$\frac{31}{671}$	$\frac{320}{671}$	$\frac{30}{61}$	$\Phi_{671}^2\ \Phi_{61}^3\ \Phi_{11}^2\ \Phi_{1}^4$
92968	1404	230	$\frac{2}{115}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{113}{230}$	$\Phi_{230}^{12}\ \Phi_{46}^{12}\ \Phi_{23}\ \Phi_{10}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^2$
92969	1404	230	$\frac{2}{115}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{113}{230}$	$\Phi_{230}^{12}\ \Phi_{46}^{12}\ \Phi_{23}\ \Phi_{10}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^2$
92970	1404	1610	$\frac{2}{115}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{113}{230}$	$\Phi_{1610}^2\ \Phi_{322}^2\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{14}^2$
92971	1404	1403	$\frac{25}{1403}$	$\frac{119}{1403}$	$\frac{428}{1403}$	$\frac{689}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^2$
92972	1404	1325	$\frac{1}{53}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{26}{53}$	$\Phi_{1325}\ \Phi_{265}\ \Phi_{53}^2\ \Phi_{25}^2\ \Phi_{5}^2\ \Phi_{1}^4$
92973	1404	2226	$\frac{1}{53}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{2226}\ \Phi_{1113}\ \Phi_{318}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{6}^2$
92974	1404	795	$\frac{1}{53}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{26}{53}$	$\Phi_{795}^2\ \Phi_{265}\ \Phi_{159}^2\ \Phi_{53}^2\ \Phi_{15}^4\ \Phi_{5}^2\ \Phi_{3}^4\ \Phi_{1}^4$
92975	1404	1570	$\frac{3}{157}$	$\frac{1}{10}$	$\frac{40}{157}$	$\frac{77}{157}$	$\Phi_{1570}\ \Phi_{785}\ \Phi_{314}$
92976	1404	1403	$\frac{27}{1403}$	$\frac{55}{1403}$	$\frac{674}{1403}$	$\frac{688}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^2$
92977	1404	2652	$\frac{1}{51}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{25}{51}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{204}\ \Phi_{156}\ \Phi_{68}\ \Phi_{52}^2\ \Phi_{51}\ \Phi_{17}\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
92978	1404	663	$\frac{1}{51}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{25}{51}$	$\Phi_{663}^2\ \Phi_{221}^2\ \Phi_{51}^3\ \Phi_{39}^2\ \Phi_{17}^3\ \Phi_{13}^4\ \Phi_{3}^3\ \Phi_{1}^6$
92979	1404	1020	$\frac{1}{51}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{25}{51}$	$\Phi_{1020}^2\ \Phi_{510}\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}^2\ \Phi_{51}\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
92980	1404	3440	$\frac{7}{344}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{337}{688}$	$\Phi_{3440}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
92981	1404	329	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{8}{47}$	$\frac{23}{47}$	$\Phi_{329}^5\ \Phi_{7}^4$
92982	1404	1403	$\frac{31}{1403}$	$\frac{194}{1403}$	$\frac{239}{1403}$	$\frac{686}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^2$
92983	1404	1876	$\frac{11}{469}$	$\frac{40}{469}$	$\frac{1}{4}$	$\frac{229}{469}$	$\Phi_{1876}\ \Phi_{938}\ \Phi_{268}\ \Phi_{134}\ \Phi_{28}\ \Phi_{14}$
92984	1404	1403	$\frac{33}{1403}$	$\frac{116}{1403}$	$\frac{359}{1403}$	$\frac{685}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^2$
92985	1404	2109	$\frac{17}{703}$	$\frac{40}{703}$	$\frac{1}{3}$	$\frac{343}{703}$	$\Phi_{2109}\ \Phi_{111}\ \Phi_{57}$
92986	1404	2660	$\frac{1}{38}$	$\frac{1}{35}$	$\frac{17}{35}$	$\frac{37}{76}$	$\Phi_{2660}\ \Phi_{532}\ \Phi_{380}\ \Phi_{140}\ \Phi_{76}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
92987	1404	228	$\frac{1}{38}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{228}^{18}\ \Phi_{57}\ \Phi_{12}^{18}$
92988	1404	2660	$\frac{1}{38}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{37}{76}$	$\Phi_{2660}\ \Phi_{532}\ \Phi_{380}\ \Phi_{140}\ \Phi_{76}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
92989	1404	988	$\frac{1}{38}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{37}{76}$	$\Phi_{988}\ \Phi_{494}^2\ \Phi_{247}^2\ \Phi_{52}^2\ \Phi_{26}^3\ \Phi_{13}^2$
92990	1404	2660	$\frac{1}{38}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{37}{76}$	$\Phi_{2660}\ \Phi_{532}\ \Phi_{380}\ \Phi_{140}\ \Phi_{76}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
92991	1404	380	$\frac{1}{38}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{37}{76}$	$\Phi_{380}^7\ \Phi_{76}^8\ \Phi_{20}^7\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{4}^8\ \Phi_{2}^4\ \Phi_{1}^4$
92992	1404	532	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{37}{76}$	$\Phi_{532}^5\ \Phi_{76}^6\ \Phi_{28}^5\ \Phi_{7}^5\ \Phi_{4}^6\ \Phi_{1}^6$
92993	1404	1403	$\frac{37}{1403}$	$\frac{80}{1403}$	$\frac{441}{1403}$	$\frac{683}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^2$
92994	1404	1110	$\frac{1}{37}$	$\frac{19}{370}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{1110}^2\ \Phi_{555}^2\ \Phi_{222}^2\ \Phi_{111}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
92995	1404	1526	$\frac{3}{109}$	$\frac{1}{14}$	$\frac{28}{109}$	$\frac{53}{109}$	$\Phi_{1526}\ \Phi_{763}\ \Phi_{218}$
92996	1404	665	$\frac{1}{35}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{17}{35}$	$\Phi_{665}^2\ \Phi_{133}^2\ \Phi_{95}^2\ \Phi_{35}^3\ \Phi_{19}^4\ \Phi_{7}^3\ \Phi_{5}^3\ \Phi_{1}^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
92997	1404	140	$\frac{1}{35}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{140}^{13}\ \Phi_{70}^{6}\ \Phi_{35}^{7}\ \Phi_{28}^{15}\ \Phi_{20}^{13}\ \Phi_{14}^{7}\ \Phi_{10}^{6}\ \Phi_{7}^{8}\ \Phi_{5}^{7}\ \Phi_{4}^{14}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
92998	1404	3410	$\frac{10}{341}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{331}{682}$	$\Phi_{3410}\ \Phi_{310}\ \Phi_{110}\ \Phi_{55}\ \Phi_{10}$
92999	1404	640	$\frac{1}{32}$	$\frac{11}{128}$	$\frac{1}{5}$	$\frac{31}{64}$	$\Phi_{640}^{3}\ \Phi_{320}^{2}\ \Phi_{160}^{3}\ \Phi_{80}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
93000	1404	1570	$\frac{5}{157}$	$\frac{1}{10}$	$\frac{27}{157}$	$\frac{76}{157}$	$\Phi_{1570}\ \Phi_{785}\ \Phi_{314}$
93001	1404	1403	$\frac{49}{1403}$	$\frac{80}{1403}$	$\frac{363}{1403}$	$\frac{677}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93002	1404	1403	$\frac{49}{1403}$	$\frac{129}{1403}$	$\frac{242}{1403}$	$\frac{677}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93003	1404	2109	$\frac{25}{703}$	$\frac{28}{703}$	$\frac{1}{3}$	$\frac{339}{703}$	$\Phi_{2109}\ \Phi_{111}\ \Phi_{57}$
93004	1404	1876	$\frac{17}{469}$	$\frac{27}{469}$	$\frac{1}{4}$	$\frac{226}{469}$	$\Phi_{1876}\ \Phi_{938}\ \Phi_{268}\ \Phi_{134}\ \Phi_{28}\ \Phi_{14}$
93005	1404	1403	$\frac{53}{1403}$	$\frac{56}{1403}$	$\frac{449}{1403}$	$\frac{675}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93006	1404	1404	$\frac{1}{27}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{1404}^{2}\ \Phi_{468}^{2}\ \Phi_{156}\ \Phi_{108}^{2}\ \Phi_{52}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
93007	1404	884	$\frac{1}{26}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{25}{52}$	$\Phi_{884}^{3}\ \Phi_{68}^{3}\ \Phi_{52}^{4}\ \Phi_{17}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
93008	1404	1820	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{1820}^{2}\ \Phi_{260}\ \Phi_{140}^{2}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
93009	1404	2100	$\frac{1}{28}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{60}\ \Phi_{42}^{2}\ \Phi_{30}\ \Phi_{21}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
93010	1404	1325	$\frac{2}{53}$	$\frac{1}{25}$	$\frac{17}{53}$	$\frac{12}{25}$	$\Phi_{1325}\ \Phi_{265}\ \Phi_{53}^{2}\ \Phi_{25}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
93011	1404	1900	$\frac{1}{25}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{380}\ \Phi_{190}\ \Phi_{76}^{2}\ \Phi_{38}^{2}$
93012	1404	1325	$\frac{1}{25}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{12}{25}$	$\Phi_{1325}\ \Phi_{265}\ \Phi_{53}^{2}\ \Phi_{25}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
93013	1404	350	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{12}{25}$	$\Phi_{350}^{5}\ \Phi_{175}^{4}\ \Phi_{70}^{6}\ \Phi_{35}^{5}\ \Phi_{14}^{6}\ \Phi_{7}^{4}$
93014	1404	115	$\frac{4}{115}$	$\frac{1}{23}$	$\frac{37}{115}$	$\frac{11}{23}$	$\Phi_{115}^{12}\ \Phi_{23}^{13}\ \Phi_{5}^{12}\ \Phi_{1}^{14}$
93015	1404	368	$\frac{1}{23}$	$\frac{17}{368}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{368}^{4}\ \Phi_{184}^{4}\ \Phi_{92}^{4}\ \Phi_{46}^{4}\ \Phi_{23}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
93016	1404	460	$\frac{1}{23}$	$\frac{6}{115}$	$\frac{109}{460}$	$\frac{11}{23}$	$\Phi_{460}^{4}\ \Phi_{230}^{4}\ \Phi_{92}^{4}\ \Phi_{46}^{4}\ \Phi_{23}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
93017	1404	253	$\frac{1}{23}$	$\frac{19}{253}$	$\frac{4}{23}$	$\frac{11}{23}$	$\Phi_{253}^{6}\ \Phi_{23}\ \Phi_{11}^{6}\ \Phi_{1}^{2}$
93018	1404	46	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{7}{46}$	$\frac{11}{23}$	$\Phi_{46}^{36}\ \Phi_{23}^{25}\ \Phi_{2}^{36}\ \Phi_{1}^{26}$
93019	1404	805	$\frac{1}{23}$	$\frac{12}{115}$	$\frac{103}{805}$	$\frac{11}{23}$	$\Phi_{805}^{2}\ \Phi_{161}^{2}\ \Phi_{35}^{2}\ \Phi_{23}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
93020	1404	1120	$\frac{5}{112}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{107}{224}$	$\Phi_{1120}^{3}\ \Phi_{160}^{3}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
93021	1404	1526	$\frac{5}{109}$	$\frac{1}{14}$	$\frac{19}{109}$	$\frac{52}{109}$	$\Phi_{1526}\ \Phi_{763}\ \Phi_{218}$
93022	1404	122	$\frac{5}{122}$	$\frac{3}{61}$	$\frac{16}{61}$	$\frac{29}{61}$	$\Phi_{122}^{12}\ \Phi_{61}^{11}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
93023	1404	1403	$\frac{41}{1403}$	$\frac{73}{1403}$	$\frac{454}{1403}$	$\frac{665}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93024	1404	1403	$\frac{73}{1403}$	$\frac{89}{1403}$	$\frac{246}{1403}$	$\frac{665}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93025	1404	1083	$\frac{10}{361}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{1083}^{2}\ \Phi_{57}$
93026	1404	1876	$\frac{19}{469}$	$\frac{25}{469}$	$\frac{1}{4}$	$\frac{222}{469}$	$\Phi_{1876}\ \Phi_{938}\ \Phi_{268}\ \Phi_{134}\ \Phi_{28}\ \Phi_{14}$
93027	1404	222	$\frac{1}{37}$	$\frac{2}{37}$	$\frac{1}{3}$	$\frac{35}{74}$	$\Phi_{222}^{18}\ \Phi_{111}\ \Phi_{6}^{18}$
93028	1404	1484	$\frac{1}{28}$	$\frac{3}{53}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{1484}\ \Phi_{742}\ \Phi_{371}\ \Phi_{212}\ \Phi_{106}$
93029	1404	2040	$\frac{1}{40}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{120}^{2}\ \Phi_{102}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
93030	1404	1309	$\frac{2}{77}$	$\frac{1}{17}$	$\frac{25}{77}$	$\frac{8}{17}$	$\Phi_{1309}\ \Phi_{187}\ \Phi_{119}\ \Phi_{77}^{2}\ \Phi_{17}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
93031	1404	1836	$\frac{1}{27}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{108}^{2}\ \Phi_{102}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
93032	1404	1309	$\frac{1}{17}$	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{8}{17}$	$\Phi_{1309}\ \Phi_{187}\ \Phi_{119}\ \Phi_{77}^{2}\ \Phi_{17}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
93033	1404	238	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{8}{17}$	$\Phi_{238}^{6}\ \Phi_{119}^{5}\ \Phi_{34}^{6}\ \Phi_{17}^{6}\ \Phi_{14}^{12}\ \Phi_{7}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
93034	1404	748	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{8}{17}$	$\Phi_{748}^{2}\ \Phi_{374}^{2}\ \Phi_{187}\ \Phi_{68}^{2}\ \Phi_{44}^{4}\ \Phi_{34}^{2}\ \Phi_{22}^{4}\ \Phi_{17}^{2}\ \Phi_{11}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
93035	1404	1501	$\frac{1}{19}$	$\frac{5}{79}$	$\frac{14}{79}$	$\frac{37}{79}$	Φ_{1501}
93036	1404	220	$\frac{1}{22}$	$\frac{7}{110}$	$\frac{1}{5}$	$\frac{103}{220}$	$\Phi_{220}^{12}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}^{12}\ \Phi_{20}^{12}\ \Phi_{10}\ \Phi_{4}^{12}$
93037	1404	1403	$\frac{83}{1403}$	$\frac{91}{1403}$	$\frac{220}{1403}$	$\frac{656}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93038	1404	1403	$\frac{97}{1403}$	$\frac{125}{1403}$	$\frac{142}{1403}$	$\frac{653}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93039	1404	1570	$\frac{11}{157}$	$\frac{14}{157}$	$\frac{1}{10}$	$\frac{73}{157}$	$\Phi_{1570}\ \Phi_{785}\ \Phi_{314}$
93040	1404	1645	$\frac{14}{235}$	$\frac{17}{235}$	$\frac{1}{7}$	$\frac{109}{235}$	$\Phi_{1645}\ \Phi_{329}\ \Phi_{35}$
93041	1404	1403	$\frac{64}{1403}$	$\frac{103}{1403}$	$\frac{251}{1403}$	$\frac{650}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93042	1404	268	$\frac{2}{67}$	$\frac{5}{67}$	$\frac{1}{4}$	$\frac{31}{67}$	$\Phi_{268}^{7}\ \Phi_{134}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
93043	1404	1403	$\frac{29}{1403}$	$\frac{105}{1403}$	$\frac{458}{1403}$	$\frac{649}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93044	1404	1403	$\frac{38}{1403}$	$\frac{105}{1403}$	$\frac{377}{1403}$	$\frac{649}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93045	1404	2109	$\frac{14}{703}$	$\frac{53}{703}$	$\frac{1}{3}$	$\frac{325}{703}$	$\Phi_{2109}\ \Phi_{111}\ \Phi_{57}$
93046	1404	1350	$\frac{1}{27}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{1350}^{2}\ \Phi_{450}^{2}\ \Phi_{270}^{2}\ \Phi_{150}^{2}\ \Phi_{135}\ \Phi_{90}^{2}\ \Phi_{54}^{2}\ \Phi_{45}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{6}^{2}$
93047	1404	1480	$\frac{1}{40}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{1480}\ \Phi_{740}\ \Phi_{370}\ \Phi_{296}\ \Phi_{185}\ \Phi_{148}\ \Phi_{74}$
93048	1404	1320	$\frac{1}{55}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{1320}^{2}\ \Phi_{440}^{2}\ \Phi_{264}^{2}\ \Phi_{165}\ \Phi_{120}^{2}\ \Phi_{88}^{2}\ \Phi_{40}^{2}\ \Phi_{33}\ \Phi_{15}$
93049	1404	2568	$\frac{2}{107}$	$\frac{1}{12}$	$\frac{35}{107}$	$\frac{11}{24}$	$\Phi_{2568}\ \Phi_{856}\ \Phi_{107}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
93050	1404	888	$\frac{1}{37}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{888}^{3}\ \Phi_{296}^{3}\ \Phi_{148}\ \Phi_{74}$
93051	1404	2568	$\frac{3}{107}$	$\frac{1}{12}$	$\frac{26}{107}$	$\frac{11}{24}$	$\Phi_{2568}\ \Phi_{856}\ \Phi_{107}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
93052	1404	840	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{840}^{4}\ \Phi_{280}^{4}\ \Phi_{140}\ \Phi_{120}^{3}\ \Phi_{70}\ \Phi_{40}^{3}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
93053	1404	2568	$\frac{5}{107}$	$\frac{1}{12}$	$\frac{17}{107}$	$\frac{11}{24}$	$\Phi_{2568}\ \Phi_{856}\ \Phi_{107}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
93054	1404	3192	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{133}$
93055	1404	2568	$\frac{8}{107}$	$\frac{1}{12}$	$\frac{11}{107}$	$\frac{11}{24}$	$\Phi_{2568}\ \Phi_{856}\ \Phi_{107}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
93056	1404	1560	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{24}$	$\Phi_{1560}^{2}\ \Phi_{520}^{2}\ \Phi_{312}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{26}$
93057	1404	638	$\frac{1}{58}$	$\frac{1}{11}$	$\frac{19}{58}$	$\frac{5}{11}$	$\Phi_{638}^{2}\ \Phi_{319}^{2}\ \Phi_{58}^{4}\ \Phi_{29}^{4}\ \Phi_{22}^{2}\ \Phi_{11}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
93058	1404	440	$\frac{1}{40}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{440}^{3}\ \Phi_{220}^{3}\ \Phi_{110}^{3}\ \Phi_{88}^{3}\ \Phi_{55}^{3}\ \Phi_{44}^{2}\ \Phi_{40}^{6}\ \Phi_{22}^{2}\ \Phi_{20}^{6}\ \Phi_{11}^{3}\ \Phi_{10}^{6}\ \Phi_{8}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
93059	1404	1595	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{28}{145}$	$\frac{5}{11}$	$\Phi_{1595}\ \Phi_{145}^{2}\ \Phi_{55}\ \Phi_{11}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
93060	1404	297	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{297}^{5}\ \Phi_{99}^{5}\ \Phi_{33}^{5}\ \Phi_{27}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{4}$
93061	1404	319	$\frac{2}{29}$	$\frac{1}{11}$	$\frac{3}{29}$	$\frac{5}{11}$	$\Phi_{319}^{4}\ \Phi_{29}^{8}\ \Phi_{11}^{5}\ \Phi_{1}^{10}$
93062	1404	770	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{11}$	$\Phi_{770}^{2}\ \Phi_{385}^{2}\ \Phi_{154}\ \Phi_{110}\ \Phi_{77}\ \Phi_{70}^{4}\ \Phi_{55}\ \Phi_{35}^{4}\ \Phi_{14}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
93063	1404	1403	$\frac{59}{1403}$	$\frac{131}{1403}$	$\frac{224}{1403}$	$\frac{636}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93064	1404	427	$\frac{1}{61}$	$\frac{41}{427}$	$\frac{20}{61}$	$\frac{193}{427}$	$\Phi_{427}^{3}\ \Phi_{61}^{5}\ \Phi_{7}^{3}\ \Phi_{1}^{6}$
93065	1404	640	$\frac{1}{32}$	$\frac{31}{320}$	$\frac{1}{5}$	$\frac{289}{640}$	$\Phi_{640}^{4}\ \Phi_{160}\ \Phi_{128}^{4}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
93066	1404	1526	$\frac{1}{14}$	$\frac{10}{109}$	$\frac{11}{109}$	$\frac{49}{109}$	$\Phi_{1526}\ \Phi_{763}\ \Phi_{218}$
93067	1404	1403	$\frac{98}{1403}$	$\frac{129}{1403}$	$\frac{145}{1403}$	$\frac{629}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93068	1404	329	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{1}{7}$	$\frac{21}{47}$	$\Phi_{329}^{5}\ \Phi_{7}^{4}$
93069	1404	1403	$\frac{44}{1403}$	$\frac{151}{1403}$	$\frac{259}{1403}$	$\frac{626}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93070	1404	1876	$\frac{10}{469}$	$\frac{51}{469}$	$\frac{1}{4}$	$\frac{209}{469}$	$\Phi_{1876}\ \Phi_{938}\ \Phi_{268}\ \Phi_{134}\ \Phi_{28}\ \Phi_{14}$
93071	1404	1403	$\frac{26}{1403}$	$\frac{153}{1403}$	$\frac{389}{1403}$	$\frac{625}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93072	1404	2109	$\frac{10}{703}$	$\frac{77}{703}$	$\frac{1}{3}$	$\frac{313}{703}$	$\Phi_{2109}\ \Phi_{111}\ \Phi_{57}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
93073	1404	990	$\frac{1}{55}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{990}^2\ \Phi_{495}\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{99}\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{45}\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}\ \Phi_{10}^2$
93074	1404	1403	$\frac{20}{1403}$	$\frac{157}{1403}$	$\frac{461}{1403}$	$\frac{623}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_1^2$
93075	1404	2590	$\frac{1}{37}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{2590}\ \Phi_{518}\ \Phi_{370}\ \Phi_{185}\ \Phi_{74}$
93076	1404	488	$\frac{1}{61}$	$\frac{15}{122}$	$\frac{137}{488}$	$\frac{107}{244}$	$\Phi_{488}^4\ \Phi_{122}^4\ \Phi_{61}^3\ \Phi_8^4\ \Phi_2^4\ \Phi_1^4$
93077	1404	3792	$\frac{1}{79}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{3792}\ \Phi_{237}$
93078	1404	2480	$\frac{2}{155}$	$\frac{1}{8}$	$\frac{51}{155}$	$\frac{7}{16}$	$\Phi_{2480}\ \Phi_{496}\ \Phi_{155}\ \Phi_{80}\ \Phi_{31}\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
93079	1404	848	$\frac{1}{53}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{848}^3\ \Phi_{212}\ \Phi_{106}$
93080	1404	2480	$\frac{3}{155}$	$\frac{1}{8}$	$\frac{38}{155}$	$\frac{7}{16}$	$\Phi_{2480}\ \Phi_{496}\ \Phi_{155}\ \Phi_{80}\ \Phi_{31}\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
93081	1404	80	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{80}^{31}\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{16}^{32}\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
93082	1404	592	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{592}^2\ \Phi_{296}^3\ \Phi_{148}^3\ \Phi_{74}^3\ \Phi_{37}^2$
93083	1404	496	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{5}{31}$	$\frac{7}{16}$	$\Phi_{496}^5\ \Phi_{31}^5\ \Phi_{16}^6\ \Phi_1^6$
93084	1404	3024	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{336}\ \Phi_{189}\ \Phi_{63}\ \Phi_{21}$
93085	1404	2480	$\frac{11}{155}$	$\frac{12}{155}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2480}\ \Phi_{496}\ \Phi_{155}\ \Phi_{80}\ \Phi_{31}\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
93086	1404	1456	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1456}^2\ \Phi_{208}\ \Phi_{182}\ \Phi_{91}\ \Phi_{26}$
93087	1404	1480	$\frac{1}{40}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{1480}\ \Phi_{740}\ \Phi_{370}\ \Phi_{296}\ \Phi_{185}\ \Phi_{148}\ \Phi_{74}$
93088	1404	3080	$\frac{1}{44}$	$\frac{43}{308}$	$\frac{1}{5}$	$\frac{265}{616}$	$\Phi_{3080}\ \Phi_{440}\ \Phi_{280}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
93089	1404	476	$\frac{2}{119}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{476}^4\ \Phi_{238}^4\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_4^2\ \Phi_2^2$
93090	1404	122	$\frac{5}{122}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{26}{61}$	$\Phi_{122}^{12}\ \Phi_{61}^{11}\ \Phi_2^{12}\ \Phi_1^{12}$
93091	1404	1403	$\frac{62}{1403}$	$\frac{149}{1403}$	$\frac{209}{1403}$	$\frac{597}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_1^2$
93092	1404	610	$\frac{1}{61}$	$\frac{46}{305}$	$\frac{15}{61}$	$\frac{259}{610}$	$\Phi_{610}^4\ \Phi_{122}^4\ \Phi_{61}^3\ \Phi_{10}^4\ \Phi_2^4\ \Phi_1^4$
93093	1404	1403	$\frac{90}{1403}$	$\frac{101}{1403}$	$\frac{217}{1403}$	$\frac{593}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_1^2$
93094	1404	1526	$\frac{7}{109}$	$\frac{1}{14}$	$\frac{17}{109}$	$\frac{46}{109}$	$\Phi_{1526}\ \Phi_{763}\ \Phi_{218}$
93095	1404	1570	$\frac{7}{157}$	$\frac{1}{10}$	$\frac{25}{157}$	$\frac{66}{157}$	$\Phi_{1570}\ \Phi_{785}\ \Phi_{314}$
93096	1404	1403	$\frac{29}{1403}$	$\frac{229}{1403}$	$\frac{272}{1403}$	$\frac{587}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_1^2$
93097	1404	268	$\frac{1}{67}$	$\frac{11}{67}$	$\frac{1}{4}$	$\frac{28}{67}$	$\Phi_{268}^7\ \Phi_{134}^7\ \Phi_4^6\ \Phi_2^6$
93098	1404	122	$\frac{5}{122}$	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{25}{61}$	$\Phi_{122}^{12}\ \Phi_{61}^{11}\ \Phi_2^{12}\ \Phi_1^{12}$
93099	1404	1770	$\frac{1}{118}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{354}^2\ \Phi_{177}^2\ \Phi_{30}\ \Phi_6^2$
93100	1404	1165	$\frac{2}{233}$	$\frac{1}{5}$	$\frac{77}{233}$	$\frac{2}{5}$	$\Phi_{1165}\ \Phi_{233}^2\ \Phi_5^2\ \Phi_1^4$
93101	1404	1580	$\frac{1}{79}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1580}\ \Phi_{790}\ \Phi_{316}^2\ \Phi_{158}^2$
93102	1404	1165	$\frac{5}{233}$	$\frac{38}{233}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1165}\ \Phi_{233}^2\ \Phi_5^2\ \Phi_1^4$
93103	1404	280	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{56}^6\ \Phi_{35}^5\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_7^4$
93104	1404	1165	$\frac{8}{233}$	$\frac{25}{233}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1165}\ \Phi_{233}^2\ \Phi_5^2\ \Phi_1^4$
93105	1404	270	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{270}^6\ \Phi_{135}^5\ \Phi_{90}^6\ \Phi_{54}^6\ \Phi_{45}^5\ \Phi_{30}^6\ \Phi_{27}^4\ \Phi_{18}^6\ \Phi_{15}^5\ \Phi_9^4\ \Phi_6^6\ \Phi_3^4$
93106	1404	1165	$\frac{12}{233}$	$\frac{17}{233}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1165}\ \Phi_{233}^2\ \Phi_5^2\ \Phi_1^4$
93107	1404	1330	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{266}^2\ \Phi_{190}\ \Phi_{133}^2\ \Phi_{38}^2$
93108	1404	2368	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{2368}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}$
93109	1404	1403	$\frac{11}{1403}$	$\frac{313}{1403}$	$\frac{464}{1403}$	$\frac{545}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_1^2$
93110	1404	1188	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{1188}^2\ \Phi_{396}^2\ \Phi_{297}\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{99}\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{12}^2$
93111	1404	1534	$\frac{1}{118}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1534}\ \Phi_{767}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
93112	1404	1316	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{23}{94}$	$\frac{71}{188}$	$\Phi_{1316}^2\ \Phi_{329}\ \Phi_{28}^2$
93113	1404	1696	$\frac{1}{53}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1696}\ \Phi_{848}\ \Phi_{212}\ \Phi_{106}$
93114	1404	1501	$\frac{1}{79}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	Φ_{1501}
93115	1404	61	$\frac{1}{61}$	$\frac{10}{61}$	$\frac{17}{61}$	$\frac{22}{61}$	$\Phi_{61}^{23}\ \Phi_1^{24}$
93116	1404	742	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{742}^3\ \Phi_{371}\ \Phi_{106}^3$
93117	1404	1403	$\frac{35}{1403}$	$\frac{152}{1403}$	$\frac{417}{1403}$	$\frac{493}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_1^2$
93118	1404	1480	$\frac{1}{40}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{1480}\ \Phi_{740}\ \Phi_{370}\ \Phi_{296}\ \Phi_{185}\ \Phi_{148}\ \Phi_{74}$
93119	1404	740	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{740}^3\ \Phi_{370}\ \Phi_{185}\ \Phi_{148}^3\ \Phi_{74}$
93120	1404	1403	$\frac{51}{1403}$	$\frac{104}{1403}$	$\frac{433}{1403}$	$\frac{485}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_1^2$
93121	1404	1485	$\frac{1}{27}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}\ \Phi_{99}\ \Phi_{45}\ \Phi_{33}\ \Phi_{15}$
93122	1404	122	$\frac{5}{122}$	$\frac{4}{61}$	$\frac{19}{61}$	$\frac{21}{61}$	$\Phi_{122}^{12}\ \Phi_{61}^{11}\ \Phi_2^{12}\ \Phi_1^{12}$
93123	1404	1403	$\frac{71}{1403}$	$\frac{74}{1403}$	$\frac{443}{1403}$	$\frac{480}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_1^2$
93124	1404	1501	$\frac{4}{79}$	$\frac{1}{19}$	$\frac{25}{79}$	$\frac{27}{79}$	Φ_{1501}
93125	1404	1526	$\frac{4}{109}$	$\frac{1}{14}$	$\frac{35}{109}$	$\frac{37}{109}$	$\Phi_{1526}\ \Phi_{763}\ \Phi_{218}$
93126	1404	1403	$\frac{50}{1403}$	$\frac{103}{1403}$	$\frac{451}{1403}$	$\frac{476}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_1^2$
93127	1404	1570	$\frac{4}{157}$	$\frac{1}{10}$	$\frac{51}{157}$	$\frac{53}{157}$	$\Phi_{1570}\ \Phi_{785}\ \Phi_{314}$
93128	1404	1403	$\frac{32}{1403}$	$\frac{155}{1403}$	$\frac{457}{1403}$	$\frac{473}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_1^2$
93129	1404	1645	$\frac{4}{235}$	$\frac{1}{7}$	$\frac{77}{235}$	$\frac{79}{235}$	$\Phi_{1645}\ \Phi_{329}\ \Phi_{35}$
93130	1404	880	$\frac{1}{88}$	$\frac{1}{5}$	$\frac{29}{88}$	$\frac{59}{176}$	$\Phi_{880}^3\ \Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{80}^3\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
93131	1404	1403	$\frac{14}{1403}$	$\frac{311}{1403}$	$\frac{463}{1403}$	$\frac{470}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_1^2$
93132	1404	1876	$\frac{4}{469}$	$\frac{1}{4}$	$\frac{155}{469}$	$\frac{157}{469}$	$\Phi_{1876}\ \Phi_{938}\ \Phi_{268}\ \Phi_{134}\ \Phi_{28}\ \Phi_{14}$
93133	1404	1403	$\frac{8}{1403}$	$\frac{465}{1403}$	$\frac{467}{1403}$	$\frac{469}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_1^2$
93134	1404	2109	$\frac{4}{703}$	$\frac{233}{703}$	$\frac{1}{3}$	$\frac{235}{703}$	$\Phi_{2109}\ \Phi_{111}\ \Phi_{57}$
93135	1404	525	$\frac{1}{175}$	$\frac{58}{175}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{175}^4\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{35}^4\ \Phi_{25}^4\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^4\ \Phi_5^4\ \Phi_3^3\ \Phi_1^6$
93136	1404	708	$\frac{1}{118}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{708}^2\ \Phi_{354}\ \Phi_{236}^4\ \Phi_{177}\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
93137	1404	1065	$\frac{4}{355}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1065}\ \Phi_{355}^2\ \Phi_{213}\ \Phi_{71}^2\ \Phi_3\ \Phi_1^2$
93138	1404	420	$\frac{1}{70}$	$\frac{23}{140}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^2\ \Phi_{140}^6\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{70}^4\ \Phi_{60}^3\ \Phi_{42}^2\ \Phi_{35}^4\ \Phi_{30}^2\ \Phi_{28}^6\ \Phi_{21}^2$ $\Phi_{20}^6\ \Phi_{15}^2\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^2\ \Phi_5^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
93139	1404	357	$\frac{2}{119}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{357}^3\ \Phi_{119}^6\ \Phi_{51}^3\ \Phi_{21}^2\ \Phi_{17}^6\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
93140	1404	165	$\frac{1}{55}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}^9\ \Phi_{55}^8\ \Phi_{33}^9\ \Phi_{15}^7\ \Phi_{11}^8\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
93141	1404	1200	$\frac{1}{50}$	$\frac{49}{400}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}^2\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}^2\ \Phi_{120}\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}$ $\Phi_{40}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
93142	1404	525	$\frac{4}{175}$	$\frac{19}{175}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{175}^4\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{35}^4\ \Phi_{25}^4\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^4\ \Phi_5^4\ \Phi_3^3\ \Phi_1^6$
93143	1404	120	$\frac{1}{40}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^9\ \Phi_{60}^9\ \Phi_{40}^{18}\ \Phi_{30}^8\ \Phi_{24}^9\ \Phi_{20}^{18}\ \Phi_{15}^8\ \Phi_{12}^9\ \Phi_{10}^{16}\ \Phi_8^{18}\ \Phi_6^8\ \Phi_5^{16}\ \Phi_4^{18}$ $\Phi_3^9\ \Phi_2^{16}\ \Phi_1^{18}$
93144	1404	1155	$\frac{1}{35}$	$\frac{34}{385}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}^2\ \Phi_{231}\ \Phi_{165}\ \Phi_{77}^2\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
93145	1404	525	$\frac{6}{175}$	$\frac{13}{175}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{175}^4\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{35}^4\ \Phi_{25}^4\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^4\ \Phi_5^4\ \Phi_3^3\ \Phi_1^6$
93146	1404	84	$\frac{1}{28}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{84}^{13}\ \Phi_{42}^{12}\ \Phi_{28}^{26}\ \Phi_{21}^{12}\ \Phi_{14}^{24}\ \Phi_{12}^{13}\ \Phi_7^{24}\ \Phi_6^{12}\ \Phi_4^{26}\ \Phi_3^{13}\ \Phi_2^{24}\ \Phi_1^{26}$
93147	1404	375	$\frac{1}{25}$	$\frac{8}{125}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{375}^3\ \Phi_{125}^6\ \Phi_{75}^2\ \Phi_{25}^4\ \Phi_{15}^2\ \Phi_5^4\ \Phi_3^3\ \Phi_1^6$
93148	1404	2796	$\frac{2}{233}$	$\frac{1}{4}$	$\frac{77}{233}$	$\frac{1}{3}$	$\Phi_{2796}\ \Phi_{1398}\ \Phi_{12}^2\ \Phi_6^2$
93149	1404	2109	$\frac{7}{703}$	$\frac{157}{703}$	$\frac{232}{703}$	$\frac{1}{3}$	$\Phi_{2109}\ \Phi_{111}\ \Phi_{57}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
93150	1404	1218	$\frac{1}{58}$	$\frac{1}{7}$	$\frac{19}{58}$	$\frac{1}{3}$	$\Phi_{1218}^2\ \Phi_{609}^2\ \Phi_{42}^2\ \Phi_{21}^3$
93151	1404	1605	$\frac{2}{107}$	$\frac{2}{15}$	$\frac{35}{107}$	$\frac{1}{3}$	$\Phi_{1605}\ \Phi_{535}\ \Phi_{107}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
93152	1404	2109	$\frac{16}{703}$	$\frac{79}{703}$	$\frac{229}{703}$	$\frac{1}{3}$	$\Phi_{2109}\ \Phi_{111}\ \Phi_{57}$
93153	1404	2310	$\frac{2}{77}$	$\frac{1}{10}$	$\frac{25}{77}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{105}\ \Phi_{66}\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
93154	1404	777	$\frac{1}{37}$	$\frac{25}{259}$	$\frac{12}{37}$	$\frac{1}{3}$	$\Phi_{777}^3\ \Phi_{111}\ \Phi_{21}^3$
93155	1404	2109	$\frac{25}{703}$	$\frac{53}{703}$	$\frac{226}{703}$	$\frac{1}{3}$	$\Phi_{2109}\ \Phi_{111}\ \Phi_{57}$
93156	1404	2226	$\frac{2}{53}$	$\frac{1}{14}$	$\frac{17}{53}$	$\frac{1}{3}$	$\Phi_{2226}\ \Phi_{1113}\ \Phi_{318}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
93157	1404	57	$\frac{1}{19}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{57}^{37}\ \Phi_3^{36}$
93158	1404	2109	$\frac{27}{703}$	$\frac{52}{703}$	$\frac{217}{703}$	$\frac{1}{3}$	$\Phi_{2109}\ \Phi_{111}\ \Phi_{57}$
93159	1404	351	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{351}^4\ \Phi_{117}^4\ \Phi_{39}^2\ \Phi_{27}^6\ \Phi_{13}^4\ \Phi_9^6\ \Phi_3^3\ \Phi_1^6$
93160	1404	111	$\frac{1}{37}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{1}{3}$	$\Phi_{111}^{19}\ \Phi_3^{18}$
93161	1404	2040	$\frac{1}{40}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{120}^2\ \Phi_{102}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2$
93162	1404	2109	$\frac{13}{703}$	$\frac{115}{703}$	$\frac{196}{703}$	$\frac{1}{3}$	$\Phi_{2109}\ \Phi_{111}\ \Phi_{57}$
93163	1404	990	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{15}$
93164	1404	948	$\frac{1}{79}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{948}^2\ \Phi_{474}^2\ \Phi_{237}^3$
93165	1404	2640	$\frac{1}{55}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{528}\ \Phi_{264}\ \Phi_{240}\ \Phi_{165}\ \Phi_{120}\ \Phi_{33}\ \Phi_{15}$
93166	1404	2796	$\frac{5}{233}$	$\frac{38}{233}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2796}\ \Phi_{1398}\ \Phi_{12}^2\ \Phi_6^2$
93167	1404	840	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{168}^3\ \Phi_{105}^3\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{21}^3$
93168	1404	2220	$\frac{1}{37}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{740}\ \Phi_{370}\ \Phi_{148}\ \Phi_{74}$
93169	1404	2796	$\frac{8}{233}$	$\frac{25}{233}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2796}\ \Phi_{1398}\ \Phi_{12}^2\ \Phi_6^2$
93170	1404	540	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^2\ \Phi_{180}^4\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{27}^2\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
93171	1404	2796	$\frac{12}{233}$	$\frac{17}{233}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2796}\ \Phi_{1398}\ \Phi_{12}^2\ \Phi_6^2$
93172	1404	1596	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1596}^2\ \Phi_{798}\ \Phi_{399}\ \Phi_{228}\ \Phi_{57}$
93173	1404	1605	$\frac{3}{107}$	$\frac{2}{15}$	$\frac{26}{107}$	$\frac{1}{3}$	$\Phi_{1605}\ \Phi_{535}\ \Phi_{107}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
93174	1404	1140	$\frac{1}{19}$	$\frac{29}{380}$	$\frac{9}{38}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{285}^2\ \Phi_{228}^2\ \Phi_{60}^2\ \Phi_{57}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2$
93175	1404	456	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{35}{152}$	$\frac{1}{3}$	$\Phi_{456}^6\ \Phi_{228}^6\ \Phi_{57}\ \Phi_{24}^6\ \Phi_{12}^6$
93176	1404	444	$\frac{1}{37}$	$\frac{6}{37}$	$\frac{31}{148}$	$\frac{1}{3}$	$\Phi_{444}^6\ \Phi_{222}^6\ \Phi_{111}\ \Phi_{12}^6\ \Phi_6^6$
93177	1404	420	$\frac{1}{28}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^4\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^3\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^3\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
93178	1404	3045	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{28}{145}$	$\frac{1}{3}$	$\Phi_{3045}\ \Phi_{105}\ \Phi_{21}$
93179	1404	285	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{17}{95}$	$\frac{1}{3}$	$\Phi_{285}^9\ \Phi_{57}\ \Phi_{15}^9$
93180	1404	1605	$\frac{5}{107}$	$\frac{2}{15}$	$\frac{17}{107}$	$\frac{1}{3}$	$\Phi_{1605}\ \Phi_{535}\ \Phi_{107}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
93181	1404	399	$\frac{1}{19}$	$\frac{16}{133}$	$\frac{3}{19}$	$\frac{1}{3}$	$\Phi_{399}^6\ \Phi_{57}\ \Phi_{21}^6$
93182	1404	2310	$\frac{5}{77}$	$\frac{1}{10}$	$\frac{12}{77}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{105}\ \Phi_{66}\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
93183	1404	2109	$\frac{49}{703}$	$\frac{66}{703}$	$\frac{109}{703}$	$\frac{1}{3}$	$\Phi_{2109}\ \Phi_{111}\ \Phi_{57}$
93184	1404	2226	$\frac{1}{14}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{3}$	$\Phi_{2226}\ \Phi_{1113}\ \Phi_{318}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
93185	1404	2109	$\frac{46}{703}$	$\frac{73}{703}$	$\frac{105}{703}$	$\frac{1}{3}$	$\Phi_{2109}\ \Phi_{111}\ \Phi_{57}$
93186	1404	1995	$\frac{1}{19}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{133}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
93187	1404	609	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{609}^{4}\ \Phi_{21}^{5}$
93188	1404	210	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{210}^{11}\ \Phi_{105}^{11}\ \Phi_{42}^{5}\ \Phi_{30}^{12}\ \Phi_{21}^{6}\ \Phi_{15}^{12}\ \Phi_{6}^{6}\ \Phi_{3}^{6}$
93189	1404	1605	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1605}\ \Phi_{535}\ \Phi_{107}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
93190	1404	390	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{390}^{4}\ \Phi_{195}^{3}\ \Phi_{130}^{5}\ \Phi_{78}^{4}\ \Phi_{65}^{4}\ \Phi_{39}^{4}\ \Phi_{26}^{5}\ \Phi_{13}^{4}$
93191	1404	660	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{44}$	$\frac{1}{3}$	$\Phi_{660}^{4}\ \Phi_{330}^{3}\ \Phi_{165}^{3}\ \Phi_{132}^{2}\ \Phi_{66}\ \Phi_{60}^{4}\ \Phi_{33}^{2}\ \Phi_{30}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
93192	1404	620	$\frac{2}{155}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{51}{155}$	$\Phi_{620}^{2}\ \Phi_{310}^{2}\ \Phi_{155}^{3}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{31}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
93193	1404	1403	$\frac{20}{1403}$	$\frac{314}{1403}$	$\frac{363}{1403}$	$\frac{461}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93194	1404	268	$\frac{1}{67}$	$\frac{15}{67}$	$\frac{1}{4}$	$\frac{22}{67}$	$\Phi_{268}^{7}\ \Phi_{134}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
93195	1404	638	$\frac{1}{58}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{19}{58}$	$\Phi_{638}^{2}\ \Phi_{319}^{2}\ \Phi_{58}^{4}\ \Phi_{29}^{4}\ \Phi_{22}^{2}\ \Phi_{11}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
93196	1404	580	$\frac{1}{58}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{19}{58}$	$\Phi_{580}^{4}\ \Phi_{290}^{2}\ \Phi_{145}^{2}\ \Phi_{20}^{5}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
93197	1404	1403	$\frac{26}{1403}$	$\frac{236}{1403}$	$\frac{389}{1403}$	$\frac{459}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93198	1404	1926	$\frac{2}{107}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{35}{107}$	$\Phi_{1926}\ \Phi_{963}\ \Phi_{107}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
93199	1404	1712	$\frac{2}{107}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{35}{107}$	$\Phi_{1712}\ \Phi_{856}\ \Phi_{107}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
93200	1404	1760	$\frac{7}{352}$	$\frac{1}{5}$	$\frac{79}{352}$	$\frac{115}{352}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
93201	1404	1403	$\frac{29}{1403}$	$\frac{272}{1403}$	$\frac{315}{1403}$	$\frac{458}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93202	1404	1876	$\frac{10}{469}$	$\frac{79}{469}$	$\frac{1}{4}$	$\frac{153}{469}$	$\Phi_{1876}\ \Phi_{938}\ \Phi_{268}\ \Phi_{134}\ \Phi_{28}\ \Phi_{14}$
93203	1404	1309	$\frac{2}{77}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{25}{77}$	$\Phi_{1309}\ \Phi_{187}\ \Phi_{119}\ \Phi_{77}^{2}\ \Phi_{17}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
93204	1404	308	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{25}{77}$	$\Phi_{308}^{6}\ \Phi_{154}^{6}\ \Phi_{44}^{6}\ \Phi_{28}^{7}\ \Phi_{22}^{6}\ \Phi_{14}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
93205	1404	1403	$\frac{38}{1403}$	$\frac{158}{1403}$	$\frac{415}{1403}$	$\frac{455}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93206	1404	1645	$\frac{7}{235}$	$\frac{1}{7}$	$\frac{53}{235}$	$\frac{76}{235}$	$\Phi_{1645}\ \Phi_{329}\ \Phi_{35}$
93207	1404	1403	$\frac{47}{1403}$	$\frac{181}{1403}$	$\frac{317}{1403}$	$\frac{452}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93208	1404	1876	$\frac{16}{469}$	$\frac{53}{469}$	$\frac{1}{4}$	$\frac{151}{469}$	$\Phi_{1876}\ \Phi_{938}\ \Phi_{268}\ \Phi_{134}\ \Phi_{28}\ \Phi_{14}$
93209	1404	115	$\frac{4}{115}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{37}{115}$	$\Phi_{115}^{12}\ \Phi_{23}^{13}\ \Phi_{5}^{12}\ \Phi_{1}^{14}$
93210	1404	115	$\frac{4}{115}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{37}{115}$	$\Phi_{115}^{12}\ \Phi_{23}^{13}\ \Phi_{5}^{12}\ \Phi_{1}^{14}$
93211	1404	805	$\frac{4}{115}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{37}{115}$	$\Phi_{805}^{2}\ \Phi_{161}^{2}\ \Phi_{35}^{3}\ \Phi_{7}^{2}$
93212	1404	795	$\frac{2}{53}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{17}{53}$	$\Phi_{795}^{2}\ \Phi_{265}\ \Phi_{159}^{2}\ \Phi_{53}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
93213	1404	220	$\frac{1}{22}$	$\frac{5}{44}$	$\frac{1}{5}$	$\frac{7}{22}$	$\Phi_{220}^{9}\ \Phi_{110}^{7}\ \Phi_{55}^{7}\ \Phi_{20}^{9}\ \Phi_{10}^{7}\ \Phi_{5}^{6}$
93214	1404	665	$\frac{1}{19}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{6}{19}$	$\Phi_{665}^{2}\ \Phi_{133}^{2}\ \Phi_{95}^{2}\ \Phi_{35}^{3}\ \Phi_{19}^{4}\ \Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{6}$
93215	1404	988	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{988}^{2}\ \Phi_{494}^{2}\ \Phi_{52}^{3}\ \Phi_{26}^{3}$
93216	1404	665	$\frac{1}{19}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{6}{19}$	$\Phi_{665}^{2}\ \Phi_{133}^{2}\ \Phi_{95}^{2}\ \Phi_{35}^{3}\ \Phi_{19}^{4}\ \Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{6}$
93217	1404	190	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{6}{19}$	$\Phi_{190}^{8}\ \Phi_{95}^{6}\ \Phi_{38}^{8}\ \Phi_{19}^{8}\ \Phi_{10}^{12}\ \Phi_{5}^{9}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
93218	1404	133	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{6}{19}$	$\Phi_{133}^{10}\ \Phi_{19}^{12}\ \Phi_{7}^{15}\ \Phi_{1}^{18}$
93219	1404	1403	$\frac{74}{1403}$	$\frac{80}{1403}$	$\frac{441}{1403}$	$\frac{443}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93220	1404	140	$\frac{2}{35}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{11}{35}$	$\Phi_{140}^{13}\ \Phi_{70}^{6}\ \Phi_{35}^{7}\ \Phi_{28}^{15}\ \Phi_{20}^{13}\ \Phi_{14}^{7}\ \Phi_{10}^{6}\ \Phi_{7}^{8}\ \Phi_{5}^{7}\ \Phi_{4}^{14}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
93221	1404	1403	$\frac{83}{1403}$	$\frac{107}{1403}$	$\frac{324}{1403}$	$\frac{440}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93222	1404	1534	$\frac{7}{118}$	$\frac{1}{13}$	$\frac{27}{118}$	$\frac{37}{118}$	$\Phi_{1534}\ \Phi_{767}\ \Phi_{26}$
93223	1404	640	$\frac{1}{16}$	$\frac{11}{128}$	$\frac{1}{5}$	$\frac{5}{16}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
93224	1404	1570	$\frac{10}{157}$	$\frac{1}{10}$	$\frac{27}{157}$	$\frac{49}{157}$	$\Phi_{1570}\ \Phi_{785}\ \Phi_{314}$
93225	1404	1526	$\frac{7}{109}$	$\frac{1}{14}$	$\frac{25}{109}$	$\frac{34}{109}$	$\Phi_{1526}\ \Phi_{763}\ \Phi_{218}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
93226	1404	61	$\frac{4}{61}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{19}{61}$	$\Phi_{61}^{23}\ \Phi_{1}^{24}$
93227	1404	1645	$\frac{16}{235}$	$\frac{27}{235}$	$\frac{1}{7}$	$\frac{73}{235}$	$\Phi_{1645}\ \Phi_{329}\ \Phi_{35}$
93228	1404	1403	$\frac{98}{1403}$	$\frac{129}{1403}$	$\frac{242}{1403}$	$\frac{435}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93229	1404	1760	$\frac{25}{352}$	$\frac{27}{352}$	$\frac{1}{5}$	$\frac{109}{352}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
93230	1404	1403	$\frac{90}{1403}$	$\frac{101}{1403}$	$\frac{323}{1403}$	$\frac{434}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93231	1404	1876	$\frac{27}{469}$	$\frac{34}{469}$	$\frac{1}{4}$	$\frac{145}{469}$	$\Phi_{1876}\ \Phi_{938}\ \Phi_{268}\ \Phi_{134}\ \Phi_{28}\ \Phi_{14}$
93232	1404	221	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{4}{17}$	$\frac{4}{13}$	$\Phi_{221}^{6}\ \Phi_{17}^{9}\ \Phi_{13}^{8}\ \Phi_{1}^{12}$
93233	1404	910	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{910}^{2}\ \Phi_{455}^{2}\ \Phi_{130}^{2}\ \Phi_{70}^{3}\ \Phi_{35}^{3}\ \Phi_{10}^{3}$
93234	1404	1403	$\frac{83}{1403}$	$\frac{110}{1403}$	$\frac{324}{1403}$	$\frac{431}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93235	1404	1876	$\frac{25}{469}$	$\frac{37}{469}$	$\frac{1}{4}$	$\frac{144}{469}$	$\Phi_{1876}\ \Phi_{938}\ \Phi_{268}\ \Phi_{134}\ \Phi_{28}\ \Phi_{14}$
93236	1404	1403	$\frac{75}{1403}$	$\frac{119}{1403}$	$\frac{332}{1403}$	$\frac{428}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93237	1404	115	$\frac{2}{23}$	$\frac{11}{115}$	$\frac{16}{115}$	$\frac{7}{23}$	$\Phi_{115}^{12}\ \Phi_{23}^{13}\ \Phi_{5}^{12}\ \Phi_{1}^{14}$
93238	1404	1526	$\frac{1}{14}$	$\frac{10}{109}$	$\frac{19}{109}$	$\frac{33}{109}$	$\Phi_{1526}\ \Phi_{763}\ \Phi_{218}$
93239	1404	1403	$\frac{89}{1403}$	$\frac{146}{1403}$	$\frac{246}{1403}$	$\frac{419}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93240	1404	1760	$\frac{19}{352}$	$\frac{37}{352}$	$\frac{1}{5}$	$\frac{105}{352}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
93241	1404	1836	$\frac{1}{27}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{108}^{2}\ \Phi_{102}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
93242	1404	1309	$\frac{5}{77}$	$\frac{2}{17}$	$\frac{12}{77}$	$\frac{5}{17}$	$\Phi_{1309}\ \Phi_{187}\ \Phi_{119}\ \Phi_{77}^{2}\ \Phi_{17}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
93243	1404	238	$\frac{1}{14}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{5}{17}$	$\Phi_{238}^{6}\ \Phi_{119}^{5}\ \Phi_{34}^{6}\ \Phi_{17}^{6}\ \Phi_{14}^{12}\ \Phi_{7}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
93244	1404	748	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{748}^{2}\ \Phi_{374}^{2}\ \Phi_{187}\ \Phi_{68}^{2}\ \Phi_{44}^{4}\ \Phi_{34}^{2}\ \Phi_{22}^{4}\ \Phi_{17}^{2}\ \Phi_{11}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
93245	1404	1485	$\frac{1}{27}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}\ \Phi_{99}\ \Phi_{45}\ \Phi_{33}\ \Phi_{15}$
93246	1404	1403	$\frac{77}{1403}$	$\frac{197}{1403}$	$\frac{221}{1403}$	$\frac{402}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93247	1404	644	$\frac{5}{161}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{644}^{3}\ \Phi_{322}^{3}\ \Phi_{92}^{3}\ \Phi_{46}^{3}\ \Phi_{28}\ \Phi_{14}$
93248	1404	1526	$\frac{1}{14}$	$\frac{13}{109}$	$\frac{16}{109}$	$\frac{31}{109}$	$\Phi_{1526}\ \Phi_{763}\ \Phi_{218}$
93249	1404	1403	$\frac{95}{1403}$	$\frac{168}{1403}$	$\frac{218}{1403}$	$\frac{395}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93250	1404	1645	$\frac{13}{235}$	$\frac{1}{7}$	$\frac{37}{235}$	$\frac{66}{235}$	$\Phi_{1645}\ \Phi_{329}\ \Phi_{35}$
93251	1404	675	$\frac{1}{27}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{675}^{2}\ \Phi_{225}^{2}\ \Phi_{135}^{3}\ \Phi_{75}^{2}\ \Phi_{45}^{3}\ \Phi_{27}^{2}\ \Phi_{15}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{2}$
93252	1404	1403	$\frac{41}{1403}$	$\frac{227}{1403}$	$\frac{337}{1403}$	$\frac{392}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93253	1404	1876	$\frac{13}{469}$	$\frac{76}{469}$	$\frac{1}{4}$	$\frac{131}{469}$	$\Phi_{1876}\ \Phi_{938}\ \Phi_{268}\ \Phi_{134}\ \Phi_{28}\ \Phi_{14}$
93254	1404	1332	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{1332}^{2}\ \Phi_{666}\ \Phi_{333}\ \Phi_{148}\ \Phi_{74}$
93255	1404	1926	$\frac{3}{107}$	$\frac{1}{6}$	$\frac{26}{107}$	$\frac{5}{18}$	$\Phi_{1926}\ \Phi_{963}\ \Phi_{107}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
93256	1404	1260	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{180}^{2}\ \Phi_{140}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
93257	1404	1926	$\frac{5}{107}$	$\frac{17}{107}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1926}\ \Phi_{963}\ \Phi_{107}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
93258	1404	2394	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2394}\ \Phi_{1197}\ \Phi_{133}$
93259	1404	1926	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1926}\ \Phi_{963}\ \Phi_{107}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
93260	1404	1170	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1170}^{2}\ \Phi_{585}^{2}\ \Phi_{234}\ \Phi_{130}\ \Phi_{117}\ \Phi_{65}\ \Phi_{26}$
93261	1404	440	$\frac{1}{40}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{440}^{3}\ \Phi_{220}^{3}\ \Phi_{110}^{3}\ \Phi_{88}^{3}\ \Phi_{55}^{3}\ \Phi_{44}^{2}\ \Phi_{40}^{6}\ \Phi_{22}^{2}\ \Phi_{20}^{6}\ \Phi_{11}^{3}\ \Phi_{10}^{6}\ \Phi_{8}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
93262	1404	1595	$\frac{1}{29}$	$\frac{2}{11}$	$\frac{28}{145}$	$\frac{3}{11}$	$\Phi_{1595}\ \Phi_{145}^{2}\ \Phi_{55}\ \Phi_{11}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
93263	1404	319	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{319}^{4}\ \Phi_{29}^{8}\ \Phi_{11}^{5}\ \Phi_{1}^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
93264	1404	770	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{770}^{2}\ \Phi_{385}^{2}\ \Phi_{154}\ \Phi_{110}\ \Phi_{77}\ \Phi_{70}^{4}\ \Phi_{55}\ \Phi_{35}^{4}\ \Phi_{14}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
93265	1404	1480	$\frac{1}{40}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{1480}\ \Phi_{740}\ \Phi_{370}\ \Phi_{296}\ \Phi_{185}\ \Phi_{148}\ \Phi_{74}$
93266	1404	160	$\frac{1}{32}$	$\frac{31}{160}$	$\frac{1}{5}$	$\frac{43}{160}$	$\Phi_{160}^{9}\ \Phi_{80}^{9}\ \Phi_{40}^{9}\ \Phi_{32}^{8}\ \Phi_{20}^{9}\ \Phi_{16}^{8}\ \Phi_{10}^{9}\ \Phi_{8}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
93267	1404	122	$\frac{5}{122}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{122}^{12}\ \Phi_{61}^{11}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
93268	1404	1403	$\frac{80}{1403}$	$\frac{147}{1403}$	$\frac{314}{1403}$	$\frac{363}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93269	1404	1526	$\frac{1}{14}$	$\frac{9}{109}$	$\frac{25}{109}$	$\frac{28}{109}$	$\Phi_{1526}\ \Phi_{763}\ \Phi_{218}$
93270	1404	1403	$\frac{99}{1403}$	$\frac{116}{1403}$	$\frac{326}{1403}$	$\frac{359}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93271	1404	1570	$\frac{9}{157}$	$\frac{1}{10}$	$\frac{37}{157}$	$\frac{40}{157}$	$\Phi_{1570}\ \Phi_{785}\ \Phi_{314}$
93272	1404	1403	$\frac{27}{1403}$	$\frac{344}{1403}$	$\frac{350}{1403}$	$\frac{353}{1403}$	$\Phi_{1403}\ \Phi_{61}\ \Phi_{23}\ \Phi_{1}^{2}$
93273	1404	1876	$\frac{9}{469}$	$\frac{115}{469}$	$\frac{1}{4}$	$\frac{118}{469}$	$\Phi_{1876}\ \Phi_{938}\ \Phi_{268}\ \Phi_{134}\ \Phi_{28}\ \Phi_{14}$
93274	1404	212	$\frac{1}{53}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{212}^{7}\ \Phi_{106}^{7}\ \Phi_{53}^{6}$
93275	1404	620	$\frac{3}{155}$	$\frac{38}{155}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{620}^{2}\ \Phi_{310}^{2}\ \Phi_{155}^{3}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{31}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
93276	1404	40	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{40}^{36}\ \Phi_{20}^{34}\ \Phi_{10}^{34}\ \Phi_{8}^{36}\ \Phi_{5}^{33}\ \Phi_{4}^{36}\ \Phi_{2}^{36}\ \Phi_{1}^{36}$
93277	1404	592	$\frac{1}{37}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{592}^{3}\ \Phi_{296}^{3}\ \Phi_{148}\ \Phi_{74}$
93278	1404	124	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{124}^{10}\ \Phi_{62}^{10}\ \Phi_{31}^{15}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{18}$
93279	1404	756	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{756}^{2}\ \Phi_{378}^{2}\ \Phi_{252}^{2}\ \Phi_{189}^{3}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{63}^{3}\ \Phi_{42}^{2}\ \Phi_{21}^{3}$
93280	1404	620	$\frac{11}{155}$	$\frac{12}{155}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{620}^{2}\ \Phi_{310}^{2}\ \Phi_{155}^{3}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{31}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
93281	1404	364	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{364}^{4}\ \Phi_{182}^{5}\ \Phi_{91}^{5}\ \Phi_{52}^{2}\ \Phi_{26}^{3}\ \Phi_{13}^{2}$
93282	1404	2320	$\frac{3}{116}$	$\frac{1}{5}$	$\frac{113}{464}$	$\frac{1}{4}$	$\Phi_{2320}\ \Phi_{1160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
93283	1404	1712	$\frac{3}{107}$	$\frac{3}{16}$	$\frac{26}{107}$	$\frac{1}{4}$	$\Phi_{1712}\ \Phi_{856}\ \Phi_{107}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
93284	1404	308	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{37}{154}$	$\frac{1}{4}$	$\Phi_{308}^{6}\ \Phi_{154}^{2}\ \Phi_{77}^{4}\ \Phi_{44}^{6}\ \Phi_{28}^{7}\ \Phi_{22}^{2}\ \Phi_{14}^{3}\ \Phi_{11}^{4}\ \Phi_{7}^{4}\ \Phi_{4}^{6}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
93285	1404	268	$\frac{3}{67}$	$\frac{17}{134}$	$\frac{16}{67}$	$\frac{1}{4}$	$\Phi_{268}^{7}\ \Phi_{134}^{3}\ \Phi_{67}^{4}\ \Phi_{4}^{6}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
93286	1404	340	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{4}{17}$	$\frac{1}{4}$	$\Phi_{340}^{6}\ \Phi_{170}^{3}\ \Phi_{85}^{3}\ \Phi_{68}^{3}\ \Phi_{20}^{8}\ \Phi_{17}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
93287	1404	1876	$\frac{33}{469}$	$\frac{40}{469}$	$\frac{109}{469}$	$\frac{1}{4}$	$\Phi_{1876}\ \Phi_{938}\ \Phi_{268}\ \Phi_{134}\ \Phi_{28}\ \Phi_{14}$
93288	1404	140	$\frac{1}{14}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{4}$	$\Phi_{140}^{13}\ \Phi_{70}^{6}\ \Phi_{35}^{7}\ \Phi_{28}^{15}\ \Phi_{20}^{13}\ \Phi_{14}^{7}\ \Phi_{10}^{6}\ \Phi_{7}^{8}\ \Phi_{5}^{7}\ \Phi_{4}^{14}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
93289	1404	268	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{15}{67}$	$\frac{1}{4}$	$\Phi_{268}^{7}\ \Phi_{134}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
93290	1404	580	$\frac{1}{29}$	$\frac{28}{145}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{580}^{3}\ \Phi_{290}^{3}\ \Phi_{116}^{4}\ \Phi_{58}^{4}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
93291	1404	560	$\frac{1}{28}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{140}\ \Phi_{80}^{3}\ \Phi_{70}\ \Phi_{40}^{3}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
93292	1404	1140	$\frac{1}{19}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1140}^{2}\ \Phi_{570}^{2}\ \Phi_{380}\ \Phi_{228}^{2}\ \Phi_{190}\ \Phi_{114}^{2}\ \Phi_{76}^{2}\ \Phi_{38}^{2}$
93293	1404	580	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{580}^{4}\ \Phi_{290}^{4}\ \Phi_{20}^{5}\ \Phi_{10}^{5}$
93294	1404	140	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^{14}\ \Phi_{70}^{7}\ \Phi_{35}^{7}\ \Phi_{28}^{16}\ \Phi_{20}^{7}\ \Phi_{14}^{8}\ \Phi_{10}^{4}\ \Phi_{7}^{8}\ \Phi_{5}^{3}\ \Phi_{4}^{8}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
93295	1404	1712	$\frac{5}{107}$	$\frac{17}{107}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1712}\ \Phi_{856}\ \Phi_{107}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
93296	1404	2128	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{133}$
93297	1404	1712	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1712}\ \Phi_{856}\ \Phi_{107}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
93298	1404	1040	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1040}^{2}\ \Phi_{520}^{2}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{26}$
93299	1404	308	$\frac{5}{77}$	$\frac{1}{7}$	$\frac{12}{77}$	$\frac{1}{4}$	$\Phi_{308}^{6}\ \Phi_{154}^{6}\ \Phi_{44}^{6}\ \Phi_{28}^{7}\ \Phi_{22}^{6}\ \Phi_{14}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
93300	1404	1876	$\frac{31}{469}$	$\frac{66}{469}$	$\frac{73}{469}$	$\frac{1}{4}$	$\Phi_{1876}\ \Phi_{938}\ \Phi_{268}\ \Phi_{134}\ \Phi_{28}\ \Phi_{14}$
93301	1404	28	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{28}^{67}\ \Phi_{14}^{31}\ \Phi_{7}^{36}\ \Phi_{4}^{66}\ \Phi_{2}^{30}\ \Phi_{1}^{36}$
93302	1404	2156	$\frac{6}{77}$	$\frac{71}{539}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2156}\ \Phi_{1078}\ \Phi_{196}\ \Phi_{98}\ \Phi_{28}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
93303	1404	308	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{308}^{5}\ \Phi_{154}^{5}\ \Phi_{77}^{6}\ \Phi_{28}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{6}$
93304	1404	253	$\frac{19}{253}$	$\frac{3}{23}$	$\frac{4}{23}$	$\frac{5}{23}$	$\Phi_{253}^{6}\ \Phi_{23}\ \Phi_{11}^{6}\ \Phi_{1}^{2}$
93305	1404	46	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{7}{46}$	$\frac{5}{23}$	$\Phi_{46}^{36}\ \Phi_{23}^{25}\ \Phi_{2}^{36}\ \Phi_{1}^{26}$
93306	1404	2240	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1}{5}$	$\frac{97}{448}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
93307	1404	440	$\frac{1}{22}$	$\frac{21}{110}$	$\frac{1}{5}$	$\frac{89}{440}$	$\Phi_{440}^{4}\ \Phi_{220}^{4}\ \Phi_{110}\ \Phi_{88}^{4}\ \Phi_{55}\ \Phi_{44}^{4}\ \Phi_{40}^{4}\ \Phi_{20}^{4}\ \Phi_{10}\ \Phi_{8}^{4}\ \Phi_{4}^{4}$
93308	1404	160	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{1}{5}$	$\Phi_{160}^{13}\ \Phi_{80}^{9}\ \Phi_{40}^{9}\ \Phi_{20}^{9}\ \Phi_{10}^{9}\ \Phi_{5}^{8}$
93309	1404	220	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{2}{11}$	$\frac{1}{5}$	$\Phi_{220}^{9}\ \Phi_{110}^{9}\ \Phi_{55}^{5}\ \Phi_{20}^{9}\ \Phi_{10}^{9}\ \Phi_{5}^{4}$
93310	1404	795	$\frac{5}{53}$	$\frac{2}{15}$	$\frac{8}{53}$	$\frac{1}{5}$	$\Phi_{795}^{2}\ \Phi_{265}\ \Phi_{159}^{2}\ \Phi_{53}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
93311	1404	210	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{210}^{10}\ \Phi_{105}^{8}\ \Phi_{70}^{6}\ \Phi_{42}^{10}\ \Phi_{35}^{5}\ \Phi_{21}^{8}\ \Phi_{14}^{6}\ \Phi_{7}^{4}$
93312	1404	329	$\frac{5}{47}$	$\frac{1}{7}$	$\frac{7}{47}$	$\frac{8}{47}$	$\Phi_{329}^{5}\ \Phi_{7}^{4}$
93313	1405	560	$\frac{1}{280}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{279}{560}$	$\Phi_{560}^{5}\ \Phi_{112}^{5}\ \Phi_{80}^{5}\ \Phi_{16}^{5}\ \Phi_{8}\ \Phi_{1}$
93314	1405	2496	$\frac{1}{156}$	$\frac{157}{1248}$	$\frac{1091}{2496}$	$\frac{155}{312}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{312}\ \Phi_{192}\ \Phi_{104}\ \Phi_{64}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
93315	1405	1872	$\frac{1}{156}$	$\frac{467}{1872}$	$\frac{157}{624}$	$\frac{155}{312}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
93316	1405	558	$\frac{2}{279}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{277}{558}$	$\Phi_{558}^{2}\ \Phi_{279}^{3}\ \Phi_{186}^{2}\ \Phi_{93}^{3}\ \Phi_{62}^{2}\ \Phi_{31}^{3}\ \Phi_{18}^{2}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
93317	1405	2592	$\frac{1}{108}$	$\frac{109}{1296}$	$\frac{1187}{2592}$	$\frac{107}{216}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{216}\ \Phi_{96}\ \Phi_{72}\ \Phi_{32}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
93318	1405	1944	$\frac{1}{108}$	$\frac{109}{648}$	$\frac{539}{1944}$	$\frac{107}{216}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{72}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
93319	1405	1728	$\frac{1}{108}$	$\frac{323}{1728}$	$\frac{109}{432}$	$\frac{107}{216}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
93320	1405	2784	$\frac{13}{1392}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1379}{2784}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
93321	1405	2784	$\frac{13}{1392}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1379}{2784}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{96}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
93322	1405	1608	$\frac{2}{201}$	$\frac{203}{1608}$	$\frac{1}{3}$	$\frac{199}{402}$	$\Phi_{1608}\ \Phi_{804}\ \Phi_{536}\ \Phi_{268}\ \Phi_{201}\ \Phi_{67}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
93323	1405	1128	$\frac{1}{94}$	$\frac{1}{6}$	$\frac{95}{376}$	$\frac{93}{188}$	$\Phi_{1128}^{2}\ \Phi_{376}\ \Phi_{282}^{2}\ \Phi_{141}^{2}\ \Phi_{94}\ \Phi_{47}\ \Phi_{24}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
93324	1405	2772	$\frac{19}{1386}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1367}{2772}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{132}\ \Phi_{84}\ \Phi_{44}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
93325	1405	1692	$\frac{5}{282}$	$\frac{1}{6}$	$\frac{287}{1692}$	$\frac{277}{564}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{423}\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}\ \Phi_{47}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
93326	1405	552	$\frac{5}{276}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{271}{552}$	$\Phi_{552}^{5}\ \Phi_{184}^{5}\ \Phi_{24}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
93327	1405	2704	$\frac{1}{52}$	$\frac{53}{1352}$	$\frac{1299}{2704}$	$\frac{51}{104}$	$\Phi_{2704}\ \Phi_{208}\ \Phi_{104}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
93328	1405	2752	$\frac{29}{1376}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1347}{2752}$	$\Phi_{2752}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
93329	1405	1536	$\frac{3}{128}$	$\frac{131}{1536}$	$\frac{1}{4}$	$\frac{125}{256}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
93330	1405	2736	$\frac{37}{1368}$	$\frac{1}{36}$	$\frac{35}{72}$	$\frac{1331}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
93331	1405	2728	$\frac{41}{1364}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1323}{2728}$	$\Phi_{2728}\ \Phi_{248}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
93332	1405	540	$\frac{11}{270}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{259}{540}$	$\Phi_{540}^{5}\ \Phi_{180}^{5}\ \Phi_{108}^{5}\ \Phi_{60}^{5}\ \Phi_{36}^{5}\ \Phi_{27}^{2}\ \Phi_{20}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{2}\ \Phi_{4}^{5}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
93333	1405	2688	$\frac{61}{1344}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{1283}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
93334	1405	528	$\frac{3}{88}$	$\frac{17}{264}$	$\frac{1}{4}$	$\frac{247}{528}$	$\Phi_{528}^{5}\ \Phi_{176}^{5}\ \Phi_{88}\ \Phi_{48}^{5}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}^{5}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
93335	1405	520	$\frac{1}{26}$	$\frac{21}{260}$	$\frac{5}{26}$	$\frac{239}{520}$	$\Phi_{520}^{5}\ \Phi_{104}^{5}\ \Phi_{40}^{5}\ \Phi_{26}^{4}\ \Phi_{13}^{4}\ \Phi_{8}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
93336	1405	2088	$\frac{13}{696}$	$\frac{1}{12}$	$\frac{683}{2088}$	$\frac{11}{24}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{522}\ \Phi_{261}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
93337	1405	288	$\frac{7}{288}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{288}^{5}\ \Phi_{144}^{5}\ \Phi_{96}^{5}\ \Phi_{72}^{5}\ \Phi_{48}^{4}\ \Phi_{36}^{5}\ \Phi_{32}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{16}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
93338	1405	2592	$\frac{1}{54}$	$\frac{109}{1296}$	$\frac{53}{162}$	$\frac{1187}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{162}\ \Phi_{96}\ \Phi_{81}\ \Phi_{32}\ \Phi_{1}$
93339	1405	2592	$\frac{1}{36}$	$\frac{109}{1296}$	$\frac{35}{144}$	$\frac{1187}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
93340	1405	1716	$\frac{1}{26}$	$\frac{25}{286}$	$\frac{311}{1716}$	$\frac{261}{572}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{429}\ \Phi_{286}\ \Phi_{156}\ \Phi_{143}\ \Phi_{132}\ \Phi_{78}\ \Phi_{66}\ \Phi_{39}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
93341	1405	1428	$\frac{23}{1428}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{238}\ \Phi_{204}\ \Phi_{119}\ \Phi_{102}\ \Phi_{84}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{28}\ \Phi_{21}\ \Phi_{17}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
93342	1405	512	$\frac{3}{128}$	$\frac{25}{256}$	$\frac{1}{4}$	$\frac{231}{512}$	$\Phi_{512}^5\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
93343	1405	1944	$\frac{1}{54}$	$\frac{53}{486}$	$\frac{539}{1944}$	$\frac{433}{972}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
93344	1405	504	$\frac{1}{36}$	$\frac{29}{252}$	$\frac{7}{36}$	$\frac{223}{504}$	$\Phi_{504}^5\ \Phi_{168}^5\ \Phi_{72}^5\ \Phi_{56}^5\ \Phi_{36}^4\ \Phi_{24}^5\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{9}^4\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
93345	1405	1728	$\frac{1}{36}$	$\frac{35}{288}$	$\frac{323}{1728}$	$\frac{253}{576}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
93346	1405	2496	$\frac{1}{52}$	$\frac{157}{1248}$	$\frac{51}{208}$	$\frac{1091}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{208}\ \Phi_{192}\ \Phi_{104}\ \Phi_{64}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
93347	1405	2464	$\frac{3}{176}$	$\frac{173}{1232}$	$\frac{1}{4}$	$\frac{1059}{2464}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{224}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
93348	1405	2412	$\frac{2}{201}$	$\frac{199}{1206}$	$\frac{1}{3}$	$\frac{1007}{2412}$	$\Phi_{2412}\ \Phi_{804}\ \Phi_{268}\ \Phi_{201}\ \Phi_{67}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
93349	1405	288	$\frac{7}{288}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{9}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
93350	1405	297	$\frac{16}{297}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{297}^5\ \Phi_{99}^5\ \Phi_{33}^5\ \Phi_{27}^2\ \Phi_{11}^5\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^3$
93351	1405	312	$\frac{1}{26}$	$\frac{31}{312}$	$\frac{5}{26}$	$\frac{21}{52}$	$\Phi_{312}^5\ \Phi_{156}^5\ \Phi_{104}^5\ \Phi_{78}^5\ \Phi_{39}^5\ \Phi_{26}^4\ \Phi_{24}^5\ \Phi_{13}^4\ \Phi_{12}^5\ \Phi_{8}^5\ \Phi_{6}^5\ \Phi_{3}^5\ \Phi_{2}^4\ \Phi_{1}^5$
93352	1405	1410	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{46}{235}$	$\frac{189}{470}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{282}^2\ \Phi_{235}\ \Phi_{141}^2\ \Phi_{94}\ \Phi_{47}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
93353	1405	351	$\frac{2}{117}$	$\frac{23}{117}$	$\frac{70}{351}$	$\frac{47}{117}$	$\Phi_{351}^5\ \Phi_{117}^2\ \Phi_{39}^2\ \Phi_{27}^5\ \Phi_{13}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^3$
93354	1405	468	$\frac{2}{117}$	$\frac{23}{117}$	$\frac{47}{234}$	$\frac{187}{468}$	$\Phi_{468}^5\ \Phi_{156}^5\ \Phi_{117}^2\ \Phi_{52}^5\ \Phi_{39}^2\ \Phi_{36}^5\ \Phi_{13}^2\ \Phi_{12}^5\ \Phi_{9}^2\ \Phi_{4}^5\ \Phi_{3}^2\ \Phi_{1}^3$
93355	1405	2304	$\frac{1}{36}$	$\frac{35}{288}$	$\frac{253}{1152}$	$\frac{899}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
93356	1405	2288	$\frac{1}{26}$	$\frac{25}{286}$	$\frac{261}{1144}$	$\frac{883}{2288}$	$\Phi_{2288}\ \Phi_{286}\ \Phi_{208}\ \Phi_{176}\ \Phi_{143}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
93357	1405	1664	$\frac{1}{52}$	$\frac{259}{1664}$	$\frac{51}{208}$	$\frac{157}{416}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{208}\ \Phi_{128}\ \Phi_{104}\ \Phi_{64}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
93358	1405	2256	$\frac{5}{282}$	$\frac{1}{6}$	$\frac{277}{1128}$	$\frac{851}{2256}$	$\Phi_{2256}\ \Phi_{752}\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}\ \Phi_{48}\ \Phi_{47}\ \Phi_{16}\ \Phi_{1}$
93359	1405	840	$\frac{1}{140}$	$\frac{1}{4}$	$\frac{139}{420}$	$\frac{3}{8}$	$\Phi_{840}^4\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}^4\ \Phi_{120}^4\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
93360	1405	568	$\frac{3}{284}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{568}^4\ \Phi_{284}\ \Phi_{142}\ \Phi_{71}\ \Phi_{8}\ \Phi_{1}$
93361	1405	2280	$\frac{4}{285}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{285}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{57}\ \Phi_{24}\ \Phi_{19}\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
93362	1405	1400	$\frac{1}{70}$	$\frac{69}{350}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1400}^2\ \Phi_{350}\ \Phi_{200}^2\ \Phi_{175}\ \Phi_{50}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
93363	1405	336	$\frac{1}{56}$	$\frac{55}{336}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^5\ \Phi_{84}^5\ \Phi_{48}^5\ \Phi_{42}^5\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_{8}\ \Phi_{6}^5\ \Phi_{3}^5\ \Phi_{1}$
93364	1405	2296	$\frac{6}{287}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2296}\ \Phi_{328}\ \Phi_{287}\ \Phi_{41}\ \Phi_{8}\ \Phi_{1}$
93365	1405	288	$\frac{7}{288}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_{9}^5\ \Phi_{8}\ \Phi_{6}^5\ \Phi_{3}^5\ \Phi_{1}$
93366	1405	320	$\frac{1}{40}$	$\frac{39}{320}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{320}^5\ \Phi_{160}^5\ \Phi_{80}^5\ \Phi_{64}^5\ \Phi_{32}^5\ \Phi_{16}^5\ \Phi_{8}\ \Phi_{1}$
93367	1405	2520	$\frac{1}{35}$	$\frac{34}{315}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{72}\ \Phi_{63}\ \Phi_{45}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
93368	1405	1160	$\frac{9}{290}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1160}^2\ \Phi_{290}\ \Phi_{232}^2\ \Phi_{145}\ \Phi_{58}\ \Phi_{29}\ \Phi_{8}\ \Phi_{1}$
93369	1405	1456	$\frac{51}{1456}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{208}\ \Phi_{182}\ \Phi_{112}\ \Phi_{104}\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
93370	1405	616	$\frac{1}{28}$	$\frac{27}{308}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}^4\ \Phi_{308}\ \Phi_{154}\ \Phi_{88}^4\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
93371	1405	1176	$\frac{13}{294}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1176}^2\ \Phi_{392}^2\ \Phi_{294}\ \Phi_{168}^2\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
93372	1405	600	$\frac{1}{20}$	$\frac{19}{300}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{600}^4\ \Phi_{300}\ \Phi_{200}^4\ \Phi_{150}\ \Phi_{120}^4\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}^4\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
93373	1405	2184	$\frac{1}{52}$	$\frac{51}{364}$	$\frac{313}{1092}$	$\frac{779}{2184}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{364}\ \Phi_{312}\ \Phi_{182}\ \Phi_{168}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
93374	1405	432	$\frac{1}{36}$	$\frac{7}{72}$	$\frac{65}{216}$	$\frac{151}{432}$	$\Phi_{432}^5\ \Phi_{144}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}^4\ \Phi_{24}^5\ \Phi_{18}^4\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_{9}^4\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
93375	1405	324	$\frac{1}{54}$	$\frac{43}{324}$	$\frac{53}{162}$	$\frac{109}{324}$	$\Phi_{324}^4\ \Phi_{162}^5\ \Phi_{108}^4\ \Phi_{81}^5\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
93376	1405	2112	$\frac{3}{352}$	$\frac{1}{4}$	$\frac{349}{1056}$	$\frac{707}{2112}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{176}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
93377	1405	1809	$\frac{2}{201}$	$\frac{404}{1809}$	$\frac{199}{603}$	$\frac{1}{3}$	$\Phi_{1809}\ \Phi_{201}\ \Phi_{67}\ \Phi_{27}\ \Phi_{1}$
93378	1405	2079	$\frac{19}{693}$	$\frac{2}{21}$	$\frac{674}{2079}$	$\frac{1}{3}$	$\Phi_{2079}\ \Phi_{297}\ \Phi_{189}\ \Phi_{27}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
93379	1405	1449	$\frac{44}{1449}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{161}\ \Phi_{69}\ \Phi_{23}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
93380	1405	372	$\frac{2}{93}$	$\frac{1}{6}$	$\frac{91}{372}$	$\frac{1}{3}$	$\Phi_{372}^5\ \Phi_{186}^2\ \Phi_{124}^5\ \Phi_{93}^3\ \Phi_{62}^2\ \Phi_{31}^3\ \Phi_{12}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
93381	1405	1848	$\frac{19}{462}$	$\frac{2}{21}$	$\frac{443}{1848}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{56}\ \Phi_{44}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
93382	1405	288	$\frac{7}{288}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{18}^2\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_{9}^3\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
93383	1405	1512	$\frac{107}{1512}$	$\frac{2}{21}$	$\frac{19}{126}$	$\frac{1}{3}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{54}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
93384	1405	1617	$\frac{19}{231}$	$\frac{2}{21}$	$\frac{212}{1617}$	$\frac{1}{3}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{147}\ \Phi_{49}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
93385	1405	1944	$\frac{1}{54}$	$\frac{109}{648}$	$\frac{539}{1944}$	$\frac{53}{162}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{1}$
93386	1405	1584	$\frac{3}{88}$	$\frac{179}{1584}$	$\frac{1}{4}$	$\frac{85}{264}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}\ \Phi_{16}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
93387	1405	414	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{133}{414}$	$\Phi_{414}^5\ \Phi_{207}^5\ \Phi_{18}^5\ \Phi_{9}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
93388	1405	1536	$\frac{3}{64}$	$\frac{131}{1536}$	$\frac{1}{4}$	$\frac{61}{192}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
93389	1405	405	$\frac{2}{27}$	$\frac{11}{135}$	$\frac{5}{27}$	$\frac{124}{405}$	$\Phi_{405}^5\ \Phi_{81}^5\ \Phi_{27}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^3$
93390	1405	390	$\frac{1}{26}$	$\frac{21}{130}$	$\frac{5}{26}$	$\frac{109}{390}$	$\Phi_{390}^5\ \Phi_{195}^5\ \Phi_{78}^5\ \Phi_{39}^5\ \Phi_{30}^5\ \Phi_{26}^4\ \Phi_{15}^5\ \Phi_{13}^4\ \Phi_{6}^5\ \Phi_{3}^5\ \Phi_{2}^4\ \Phi_{1}^5$
93391	1405	288	$\frac{7}{288}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^5\ \Phi_{72}^5\ \Phi_{48}^4\ \Phi_{36}^5\ \Phi_{32}^5\ \Phi_{24}^4\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_{9}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
93392	1405	384	$\frac{3}{128}$	$\frac{25}{128}$	$\frac{1}{4}$	$\frac{103}{384}$	$\Phi_{384}^5\ \Phi_{192}^5\ \Phi_{128}\ \Phi_{96}^5\ \Phi_{64}\ \Phi_{48}^5\ \Phi_{32}\ \Phi_{24}^5\ \Phi_{16}\ \Phi_{12}^5\ \Phi_{8}\ \Phi_{6}^5\ \Phi_{3}^5\ \Phi_{1}$
93393	1405	1728	$\frac{1}{36}$	$\frac{323}{1728}$	$\frac{35}{144}$	$\frac{109}{432}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
93394	1405	1872	$\frac{1}{52}$	$\frac{51}{208}$	$\frac{467}{1872}$	$\frac{157}{624}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
93395	1405	1856	$\frac{13}{464}$	$\frac{3}{16}$	$\frac{451}{1856}$	$\frac{1}{4}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
93396	1405	1792	$\frac{3}{64}$	$\frac{61}{448}$	$\frac{387}{1792}$	$\frac{1}{4}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
93397	1405	352	$\frac{3}{88}$	$\frac{17}{88}$	$\frac{71}{352}$	$\frac{1}{4}$	$\Phi_{352}^5\ \Phi_{176}^5\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}^5\ \Phi_{22}\ \Phi_{16}^5\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
93398	1405	324	$\frac{2}{27}$	$\frac{43}{324}$	$\frac{5}{27}$	$\frac{11}{54}$	$\Phi_{324}^5\ \Phi_{162}^5\ \Phi_{108}^5\ \Phi_{81}^5\ \Phi_{36}^5\ \Phi_{27}^2\ \Phi_{12}^5\ \Phi_{9}^2\ \Phi_{4}^5\ \Phi_{3}^2\ \Phi_{1}^3$
93399	1406	1124	$\frac{1}{281}$	$\frac{141}{562}$	$\frac{421}{1124}$	$\frac{140}{281}$	$\Phi_{1124}^2\ \Phi_{281}\ \Phi_{4}^2\ \Phi_{1}^2$
93400	1406	1400	$\frac{3}{700}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{697}{1400}$	$\Phi_{1400}^2\ \Phi_{280}^2\ \Phi_{200}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{1}^2$
93401	1406	4200	$\frac{3}{700}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{697}{1400}$	$\Phi_{4200}\ \Phi_{840}\ \Phi_{600}\ \Phi_{168}\ \Phi_{120}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
93402	1406	1395	$\frac{11}{1395}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{692}{1395}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}\ \Phi_{155}\ \Phi_{93}\ \Phi_{45}\ \Phi_{31}\ \Phi_{15}^2\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
93403	1406	940	$\frac{2}{235}$	$\frac{1}{5}$	$\frac{237}{940}$	$\frac{233}{470}$	$\Phi_{940}^2\ \Phi_{235}^2\ \Phi_{188}^2\ \Phi_{47}^2\ \Phi_{20}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
93404	1406	1392	$\frac{7}{696}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{689}{1392}$	$\Phi_{1392}^2\ \Phi_{464}^2\ \Phi_{48}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_{6}$
93405	1406	2628	$\frac{1}{73}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{36}{73}$	$\Phi_{2628}\ \Phi_{876}\ \Phi_{292}\ \Phi_{73}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
93406	1406	1533	$\frac{1}{73}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{36}{73}$	$\Phi_{1533}\ \Phi_{511}\ \Phi_{73}\ \Phi_{21}^2\ \Phi_{7}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
93407	1406	1971	$\frac{1}{73}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{36}{73}$	$\Phi_{1971}\ \Phi_{73}\ \Phi_{27}^2\ \Phi_1^2$
93408	1406	1752	$\frac{1}{73}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{36}{73}$	$\Phi_{1752}\ \Phi_{876}\ \Phi_{584}\ \Phi_{292}\ \Phi_{73}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
93409	1406	1386	$\frac{10}{693}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{683}{1386}$	$\Phi_{1386}^2\ \Phi_{462}^2\ \Phi_{198}^2\ \Phi_{154}^2\ \Phi_{126}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_2^2$
93410	1406	768	$\frac{1}{64}$	$\frac{65}{768}$	$\frac{1}{3}$	$\frac{63}{128}$	$\Phi_{768}^2\ \Phi_{384}\ \Phi_{256}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
93411	1406	1380	$\frac{13}{690}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{677}{1380}$	$\Phi_{1380}^2\ \Phi_{460}^2\ \Phi_{276}^2\ \Phi_{92}^2\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
93412	1406	4128	$\frac{15}{688}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{673}{1376}$	$\Phi_{4128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
93413	1406	2664	$\frac{1}{37}$	$\frac{1}{36}$	$\frac{35}{72}$	$\frac{18}{37}$	$\Phi_{2664}\ \Phi_{888}\ \Phi_{296}\ \Phi_{72}^2\ \Phi_{37}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
93414	1406	1443	$\frac{1}{37}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{1443}\ \Phi_{481}\ \Phi_{39}^2\ \Phi_{37}\ \Phi_{13}^2\ \Phi_1^2$
93415	1406	1998	$\frac{1}{37}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{18}{37}$	$\Phi_{1998}\ \Phi_{999}\ \Phi_{54}^2\ \Phi_{37}\ \Phi_{27}^2\ \Phi_1^2$
93416	1406	1480	$\frac{1}{37}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{18}{37}$	$\Phi_{1480}\ \Phi_{740}\ \Phi_{370}\ \Phi_{296}\ \Phi_{185}\ \Phi_{40}^2\ \Phi_{37}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_1^2$
93417	1406	1776	$\frac{1}{37}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{18}{37}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{592}\ \Phi_{296}\ \Phi_{48}^2\ \Phi_{37}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
93418	1406	1665	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{18}{37}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{185}\ \Phi_{45}^2\ \Phi_{37}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
93419	1406	1554	$\frac{1}{37}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{18}{37}$	$\Phi_{1554}\ \Phi_{777}\ \Phi_{518}\ \Phi_{259}\ \Phi_{42}^2\ \Phi_{37}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
93420	1406	360	$\frac{1}{36}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{360}^8\ \Phi_{120}^8\ \Phi_{72}^6\ \Phi_{60}\ \Phi_{40}^8\ \Phi_{30}\ \Phi_{24}^6\ \Phi_{15}\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
93421	1406	4092	$\frac{21}{682}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{661}{1364}$	$\Phi_{4092}\ \Phi_{372}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
93422	1406	100	$\frac{1}{25}$	$\frac{1}{20}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{100}^{15}\ \Phi_{50}^{13}\ \Phi_{25}^{14}\ \Phi_{20}^{14}\ \Phi_{10}^{12}\ \Phi_5^{13}\ \Phi_4^{14}\ \Phi_2^{12}\ \Phi_1^{14}$
93423	1406	1344	$\frac{1}{32}$	$\frac{31}{672}$	$\frac{1}{3}$	$\frac{641}{1344}$	$\Phi_{1344}^2\ \Phi_{448}^2\ \Phi_{192}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
93424	1406	684	$\frac{1}{38}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{684}^4\ \Phi_{228}^4\ \Phi_{114}\ \Phi_{76}^4\ \Phi_{57}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
93425	1406	140	$\frac{1}{20}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{140}^{10}\ \Phi_{70}^8\ \Phi_{35}^{10}\ \Phi_{28}^{10}\ \Phi_{20}^{14}\ \Phi_{14}^8\ \Phi_{10}^{12}\ \Phi_7^{10}\ \Phi_5^{13}\ \Phi_4^{14}\ \Phi_2^{12}\ \Phi_1^{14}$
93426	1406	1320	$\frac{1}{44}$	$\frac{43}{660}$	$\frac{1}{3}$	$\frac{617}{1320}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{132}\ \Phi_{120}^2\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{40}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_6$
93427	1406	180	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^5\ \Phi_{45}^8\ \Phi_{36}^{10}\ \Phi_{30}^5\ \Phi_{20}^4\ \Phi_{18}^{10}\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_9^8\ \Phi_6^5\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
93428	1406	494	$\frac{1}{38}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{494}^3\ \Phi_{247}^3\ \Phi_{38}^2\ \Phi_{26}\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_1^2$
93429	1406	3840	$\frac{1}{64}$	$\frac{63}{640}$	$\frac{1}{3}$	$\frac{577}{1280}$	$\Phi_{3840}\ \Phi_{768}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
93430	1406	720	$\frac{17}{720}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
93431	1406	3696	$\frac{1}{88}$	$\frac{87}{616}$	$\frac{1}{3}$	$\frac{529}{1232}$	$\Phi_{3696}\ \Phi_{528}\ \Phi_{336}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
93432	1406	2400	$\frac{1}{75}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{300}\ \Phi_{160}\ \Phi_{150}\ \Phi_{100}\ \Phi_{96}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
93433	1406	1175	$\frac{4}{235}$	$\frac{231}{1175}$	$\frac{1}{5}$	$\frac{472}{1175}$	$\Phi_{1175}\ \Phi_{235}^2\ \Phi_{47}^2\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
93434	1406	1050	$\frac{3}{350}$	$\frac{1}{5}$	$\frac{347}{1050}$	$\frac{2}{5}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{210}^2\ \Phi_{150}^2\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
93435	1406	710	$\frac{7}{710}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{710}^2\ \Phi_{355}^2\ \Phi_{142}^2\ \Phi_{71}^2\ \Phi_5\ \Phi_1^2$
93436	1406	875	$\frac{3}{175}$	$\frac{172}{875}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{875}^2\ \Phi_{125}^2\ \Phi_5\ \Phi_1^2$
93437	1406	840	$\frac{3}{140}$	$\frac{137}{840}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
93438	1406	720	$\frac{17}{720}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
93439	1406	800	$\frac{3}{100}$	$\frac{97}{800}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{800}^2\ \Phi_{400}^2\ \Phi_{200}^2\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
93440	1406	725	$\frac{22}{725}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{725}^2\ \Phi_{145}^2\ \Phi_{29}^2\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
93441	1406	770	$\frac{3}{70}$	$\frac{67}{770}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}^2\ \Phi_{55}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
93442	1406	735	$\frac{32}{735}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}^2\ \Phi_{105}^2\ \Phi_{49}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
93443	1406	40	$\frac{1}{20}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{40}^{38}\ \Phi_{20}^{32}\ \Phi_{10}^{32}\ \Phi_8^{38}\ \Phi_5^{33}\ \Phi_4^{32}\ \Phi_2^{32}\ \Phi_1^{34}$
93444	1406	750	$\frac{3}{50}$	$\frac{47}{750}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{750}^2\ \Phi_{375}^2\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{125}^2\ \Phi_{75}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
93445	1406	60	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{60}^{23}\ \Phi_{30}^{25}\ \Phi_{20}^{22}\ \Phi_{15}^{24}\ \Phi_{12}^{23}\ \Phi_{10}^{24}\ \Phi_6^{25}\ \Phi_5^{23}\ \Phi_4^{22}\ \Phi_3^{24}\ \Phi_2^{24}\ \Phi_1^{24}$
93446	1406	600	$\frac{1}{75}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{600}^2\ \Phi_{300}^3\ \Phi_{200}^2\ \Phi_{150}^3\ \Phi_{120}^2\ \Phi_{100}^3\ \Phi_{75}^2\ \Phi_{60}^3\ \Phi_{50}^3\ \Phi_{40}^2\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{24}\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
93447	1406	150	$\frac{1}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{150}^{15}\ \Phi_{75}^4\ \Phi_{50}^{15}\ \Phi_{30}^{14}\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_{10}^{14}\ \Phi_6^{14}\ \Phi_5^3\ \Phi_3^4\ \Phi_2^{14}\ \Phi_1^4$
93448	1406	1056	$\frac{1}{176}$	$\frac{175}{528}$	$\frac{1}{3}$	$\frac{353}{1056}$	$\Phi_{1056}^2\ \Phi_{528}\ \Phi_{352}^2\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}^2\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
93449	1406	798	$\frac{1}{38}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{114}\ \Phi_{57}\ \Phi_{42}^2\ \Phi_{14}^2\ \Phi_6$
93450	1406	780	$\frac{1}{20}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{30}\ \Phi_{26}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
93451	1406	792	$\frac{1}{44}$	$\frac{89}{792}$	$\frac{43}{132}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{66}\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_8^2\ \Phi_6$
93452	1406	768	$\frac{1}{32}$	$\frac{65}{768}$	$\frac{31}{96}$	$\frac{1}{3}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
93453	1406	540	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{30}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
93454	1406	726	$\frac{23}{726}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{726}^2\ \Phi_{363}^2\ \Phi_{242}^2\ \Phi_{121}^2\ \Phi_{66}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_6^2\ \Phi_2^2$
93455	1406	1026	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{1026}^2\ \Phi_{513}^2\ \Phi_{114}\ \Phi_{57}\ \Phi_{54}^2\ \Phi_6$
93456	1406	720	$\frac{17}{720}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6\ \Phi_5^2$
93457	1406	960	$\frac{1}{64}$	$\frac{63}{320}$	$\frac{257}{960}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}^2\ \Phi_{240}\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
93458	1406	840	$\frac{3}{140}$	$\frac{137}{840}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
93459	1406	720	$\frac{17}{720}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
93460	1406	2400	$\frac{3}{100}$	$\frac{97}{800}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
93461	1406	2184	$\frac{25}{728}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{168}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
93462	1406	120	$\frac{1}{20}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^{19}\ \Phi_{60}^{16}\ \Phi_{30}^{16}\ \Phi_{24}^{19}\ \Phi_{15}^{16}\ \Phi_{12}^{17}\ \Phi_6^{17}\ \Phi_3^{16}$
93463	1406	2784	$\frac{7}{232}$	$\frac{1}{8}$	$\frac{225}{928}$	$\frac{1}{3}$	$\Phi_{2784}\ \Phi_{1392}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
93464	1406	924	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{221}{924}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
93465	1406	240	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{80}^8\ \Phi_{60}\ \Phi_{48}^6\ \Phi_{40}^8\ \Phi_{30}\ \Phi_{24}^6\ \Phi_{16}^6\ \Phi_{15}\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
93466	1406	1710	$\frac{1}{38}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{90}\ \Phi_{57}\ \Phi_{30}\ \Phi_{10}\ \Phi_6$
93467	1406	1620	$\frac{1}{20}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
93468	1406	2688	$\frac{1}{32}$	$\frac{31}{224}$	$\frac{193}{896}$	$\frac{1}{3}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
93469	1406	456	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{456}^4\ \Phi_{228}^4\ \Phi_{152}^4\ \Phi_{114}\ \Phi_{76}^4\ \Phi_{57}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2$
93470	1406	2640	$\frac{1}{44}$	$\frac{43}{220}$	$\frac{177}{880}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{528}\ \Phi_{264}\ \Phi_{240}\ \Phi_{132}\ \Phi_{120}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
93471	1406	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{180}^{8}\ \Phi_{90}^{8}\ \Phi_{60}^{9}\ \Phi_{45}^{6}\ \Phi_{36}^{8}\ \Phi_{30}^{9}\ \Phi_{20}^{8}\ \Phi_{18}^{8}\ \Phi_{15}^{7}\ \Phi_{12}^{9}\ \Phi_{10}^{8}\ \Phi_{9}^{8}\ \Phi_{6}^{9}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
93472	1406	420	$\frac{1}{20}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{4}\ \Phi_{70}^{4}\ \Phi_{60}\ \Phi_{42}^{2}\ \Phi_{35}^{4}\ \Phi_{30}\ \Phi_{28}^{4}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{7}^{2}\ \Phi_{6}$
93473	1406	132	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{7}{44}$	$\frac{1}{3}$	$\Phi_{132}^{19}\ \Phi_{66}^{13}\ \Phi_{33}^{13}\ \Phi_{12}^{19}\ \Phi_{6}^{13}\ \Phi_{3}^{12}$
93474	1406	2310	$\frac{67}{770}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{105}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
93475	1406	792	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{792}$	$\frac{1}{3}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{36}^{2}\ \Phi_{33}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
93476	1406	1035	$\frac{13}{345}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{332}{1035}$	$\Phi_{1035}^{2}\ \Phi_{207}^{2}\ \Phi_{45}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
93477	1406	420	$\frac{1}{20}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{105}^{4}\ \Phi_{84}^{5}\ \Phi_{60}^{5}\ \Phi_{42}^{5}\ \Phi_{30}^{5}\ \Phi_{21}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
93478	1406	720	$\frac{17}{720}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{180}^{2}\ \Phi_{144}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{80}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
93479	1406	930	$\frac{11}{465}$	$\frac{1}{5}$	$\frac{227}{930}$	$\frac{4}{15}$	$\Phi_{930}^{2}\ \Phi_{465}\ \Phi_{310}^{2}\ \Phi_{186}^{2}\ \Phi_{155}\ \Phi_{93}\ \Phi_{62}^{2}\ \Phi_{31}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
93480	1407	1200	$\frac{1}{200}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{199}{400}$	$\Phi_{1200}^{2}\ \Phi_{400}^{3}\ \Phi_{240}^{2}\ \Phi_{80}^{3}\ \Phi_{48}^{2}\ \Phi_{16}^{3}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
93481	1407	3600	$\frac{1}{200}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{199}{400}$	$\Phi_{3600}\ \Phi_{720}\ \Phi_{400}\ \Phi_{144}\ \Phi_{80}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
93482	1407	1860	$\frac{4}{465}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{461}{930}$	$\Phi_{1860}\ \Phi_{620}\ \Phi_{465}\ \Phi_{372}\ \Phi_{155}\ \Phi_{124}\ \Phi_{93}\ \Phi_{60}\ \Phi_{31}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
93483	1407	564	$\frac{1}{94}$	$\frac{95}{564}$	$\frac{1}{4}$	$\frac{93}{188}$	$\Phi_{564}^{3}\ \Phi_{282}^{3}\ \Phi_{188}^{2}\ \Phi_{141}^{3}\ \Phi_{94}\ \Phi_{47}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
93484	1407	888	$\frac{1}{74}$	$\frac{25}{444}$	$\frac{419}{888}$	$\frac{73}{148}$	$\Phi_{888}^{3}\ \Phi_{296}^{3}\ \Phi_{148}\ \Phi_{24}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
93485	1407	592	$\frac{1}{74}$	$\frac{25}{148}$	$\frac{123}{592}$	$\frac{73}{148}$	$\Phi_{592}^{3}\ \Phi_{296}^{3}\ \Phi_{148}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
93486	1407	1320	$\frac{1}{66}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{65}{132}$	$\Phi_{1320}^{2}\ \Phi_{440}^{2}\ \Phi_{264}^{2}\ \Phi_{132}\ \Phi_{120}^{2}\ \Phi_{88}^{2}\ \Phi_{44}\ \Phi_{40}^{3}\ \Phi_{24}^{2}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
93487	1407	660	$\frac{1}{66}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{65}{132}$	$\Phi_{660}^{4}\ \Phi_{220}^{4}\ \Phi_{132}^{5}\ \Phi_{60}^{4}\ \Phi_{44}^{5}\ \Phi_{20}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
93488	1407	264	$\frac{1}{66}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{65}{132}$	$\Phi_{264}^{6}\ \Phi_{132}^{5}\ \Phi_{88}^{6}\ \Phi_{66}^{4}\ \Phi_{44}^{5}\ \Phi_{33}^{4}\ \Phi_{24}^{6}\ \Phi_{22}^{4}\ \Phi_{12}^{5}\ \Phi_{11}^{4}\ \Phi_{8}^{9}\ \Phi_{6}^{4}\ \Phi_{4}^{7}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
93489	1407	3300	$\frac{1}{66}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{65}{132}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{300}\ \Phi_{132}\ \Phi_{100}\ \Phi_{44}\ \Phi_{25}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
93490	1407	920	$\frac{9}{460}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{451}{920}$	$\Phi_{920}^{3}\ \Phi_{184}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
93491	1407	912	$\frac{1}{38}$	$\frac{13}{456}$	$\frac{443}{912}$	$\frac{37}{76}$	$\Phi_{912}^{3}\ \Phi_{304}^{3}\ \Phi_{76}\ \Phi_{48}^{3}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
93492	1407	684	$\frac{1}{38}$	$\frac{13}{228}$	$\frac{215}{684}$	$\frac{37}{76}$	$\Phi_{684}^{3}\ \Phi_{342}^{3}\ \Phi_{171}^{3}\ \Phi_{76}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{4}\ \Phi_{1}$
93493	1407	1520	$\frac{1}{38}$	$\frac{113}{1520}$	$\frac{39}{152}$	$\frac{37}{76}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{304}\ \Phi_{190}\ \Phi_{95}\ \Phi_{80}\ \Phi_{76}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
93494	1407	608	$\frac{1}{38}$	$\frac{13}{152}$	$\frac{139}{608}$	$\frac{37}{76}$	$\Phi_{608}^{3}\ \Phi_{304}^{3}\ \Phi_{76}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
93495	1407	76	$\frac{1}{38}$	$\frac{9}{76}$	$\frac{13}{76}$	$\frac{37}{76}$	$\Phi_{76}^{19}\ \Phi_{38}^{18}\ \Phi_{19}^{18}\ \Phi_{4}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
93496	1407	912	$\frac{13}{456}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{443}{912}$	$\Phi_{912}^{3}\ \Phi_{304}^{3}\ \Phi_{48}^{3}\ \Phi_{19}^{2}\ \Phi_{16}^{3}\ \Phi_{1}^{3}$
93497	1407	1900	$\frac{18}{475}$	$\frac{1}{19}$	$\frac{493}{1900}$	$\frac{457}{950}$	$\Phi_{1900}\ \Phi_{475}\ \Phi_{380}\ \Phi_{100}\ \Phi_{95}\ \Phi_{76}\ \Phi_{25}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
93498	1407	1408	$\frac{1}{22}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{1408}^{2}\ \Phi_{128}\ \Phi_{44}^{2}\ \Phi_{22}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
93499	1407	2760	$\frac{2}{69}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{184}\ \Phi_{69}\ \Phi_{40}\ \Phi_{23}\ \Phi_{8}\ \Phi_{1}$
93500	1407	3960	$\frac{1}{33}$	$\frac{1}{20}$	$\frac{32}{99}$	$\frac{19}{40}$	$\Phi_{3960}\ \Phi_{792}\ \Phi_{360}\ \Phi_{99}\ \Phi_{72}\ \Phi_{40}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
93501	1407	440	$\frac{1}{22}$	$\frac{1}{20}$	$\frac{21}{88}$	$\frac{19}{40}$	$\Phi_{440}^{2}\ \Phi_{220}^{4}\ \Phi_{110}^{4}\ \Phi_{88}^{3}\ \Phi_{55}^{4}\ \Phi_{44}^{5}\ \Phi_{40}^{3}\ \Phi_{22}^{4}\ \Phi_{20}^{4}\ \Phi_{11}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
93502	1407	360	$\frac{1}{20}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{2}\ \Phi_{90}^{4}\ \Phi_{72}^{5}\ \Phi_{60}^{4}\ \Phi_{45}^{4}\ \Phi_{40}^{3}\ \Phi_{36}^{5}\ \Phi_{30}^{4}\ \Phi_{24}^{3}\ \Phi_{20}^{4}\ \Phi_{18}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{4}\ \Phi_{9}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
93503	1407	3080	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{19}{40}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{280}\ \Phi_{77}\ \Phi_{56}\ \Phi_{40}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
93504	1407	888	$\frac{1}{37}$	$\frac{25}{444}$	$\frac{12}{37}$	$\frac{419}{888}$	$\Phi_{888}^{3}\ \Phi_{296}^{3}\ \Phi_{37}^{2}\ \Phi_{24}^{3}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
93505	1407	380	$\frac{1}{19}$	$\frac{11}{190}$	$\frac{18}{95}$	$\frac{179}{380}$	$\Phi_{380}^{7}\ \Phi_{95}\ \Phi_{76}^{7}\ \Phi_{20}^{7}\ \Phi_{5}\ \Phi_{4}^{7}\ \Phi_{1}$
93506	1407	380	$\frac{11}{190}$	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{179}{380}$	$\Phi_{380}^{7}\ \Phi_{76}^{7}\ \Phi_{38}^{2}\ \Phi_{20}^{7}\ \Phi_{19}^{2}\ \Phi_{4}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
93507	1407	570	$\frac{1}{19}$	$\frac{6}{95}$	$\frac{101}{570}$	$\frac{89}{190}$	$\Phi_{570}^{3}\ \Phi_{285}^{3}\ \Phi_{114}^{3}\ \Phi_{95}^{3}\ \Phi_{57}^{3}\ \Phi_{30}^{3}\ \Phi_{19}^{2}\ \Phi_{15}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
93508	1407	1924	$\frac{1}{37}$	$\frac{36}{481}$	$\frac{517}{1924}$	$\frac{445}{962}$	$\Phi_{1924}\ \Phi_{481}\ \Phi_{148}\ \Phi_{52}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
93509	1407	480	$\frac{11}{480}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{3}\ \Phi_{120}^{3}\ \Phi_{96}^{3}\ \Phi_{80}^{3}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
93510	1407	76	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{9}{76}$	$\frac{17}{38}$	$\Phi_{76}^{21}\ \Phi_{38}^{12}\ \Phi_{19}^{20}\ \Phi_{4}^{21}\ \Phi_{2}^{12}\ \Phi_{1}^{21}$
93511	1407	1692	$\frac{1}{47}$	$\frac{46}{423}$	$\frac{1}{4}$	$\frac{377}{846}$	$\Phi_{1692}\ \Phi_{564}\ \Phi_{423}\ \Phi_{188}^{2}\ \Phi_{141}\ \Phi_{94}\ \Phi_{47}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
93512	1407	300	$\frac{1}{100}$	$\frac{1}{6}$	$\frac{33}{100}$	$\frac{5}{12}$	$\Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{100}^{6}\ \Phi_{75}^{4}\ \Phi_{60}^{4}\ \Phi_{50}^{6}\ \Phi_{30}^{4}\ \Phi_{25}^{6}\ \Phi_{20}^{6}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{7}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
93513	1407	204	$\frac{1}{68}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{204}^{6}\ \Phi_{102}^{6}\ \Phi_{68}^{9}\ \Phi_{51}^{6}\ \Phi_{34}^{9}\ \Phi_{17}^{9}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{7}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
93514	1407	2460	$\frac{4}{205}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{2460}\ \Phi_{820}\ \Phi_{492}\ \Phi_{205}\ \Phi_{164}\ \Phi_{41}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
93515	1407	1500	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{49}{250}$	$\frac{5}{12}$	$\Phi_{1500}^{2}\ \Phi_{500}^{2}\ \Phi_{250}\ \Phi_{125}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
93516	1407	240	$\frac{1}{40}$	$\frac{13}{80}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{240}^{6}\ \Phi_{120}^{4}\ \Phi_{80}^{9}\ \Phi_{60}^{4}\ \Phi_{48}^{6}\ \Phi_{40}^{6}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{6}\ \Phi_{16}^{9}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{7}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
93517	1407	624	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{624}^{2}\ \Phi_{312}^{2}\ \Phi_{208}^{3}\ \Phi_{156}^{2}\ \Phi_{104}^{3}\ \Phi_{78}^{2}\ \Phi_{52}^{3}\ \Phi_{48}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{3}\ \Phi_{16}^{3}\ \Phi_{13}^{3}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
93518	1407	300	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{300}^{8}\ \Phi_{100}^{8}\ \Phi_{75}^{3}\ \Phi_{60}^{8}\ \Phi_{25}^{2}\ \Phi_{20}^{8}\ \Phi_{15}^{3}\ \Phi_{12}^{9}\ \Phi_{5}^{2}\ \Phi_{4}^{9}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
93519	1407	420	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}^{6}\ \Phi_{140}^{6}\ \Phi_{84}^{6}\ \Phi_{70}^{3}\ \Phi_{60}^{4}\ \Phi_{35}^{3}\ \Phi_{28}^{6}\ \Phi_{20}^{4}\ \Phi_{14}^{3}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
93520	1407	660	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{3}\ \Phi_{165}^{2}\ \Phi_{132}^{2}\ \Phi_{110}^{3}\ \Phi_{66}^{2}\ \Phi_{55}^{3}\ \Phi_{44}^{3}\ \Phi_{33}^{2}\ \Phi_{22}^{3}\ \Phi_{12}\ \Phi_{11}^{3}\ \Phi_{4}\ \Phi_{1}$
93521	1407	2368	$\frac{1}{74}$	$\frac{223}{1184}$	$\frac{73}{296}$	$\frac{961}{2368}$	$\Phi_{2368}\ \Phi_{296}\ \Phi_{148}\ \Phi_{64}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
93522	1407	1520	$\frac{1}{19}$	$\frac{113}{1520}$	$\frac{18}{95}$	$\frac{77}{190}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{304}\ \Phi_{152}\ \Phi_{95}\ \Phi_{80}\ \Phi_{76}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
93523	1407	760	$\frac{1}{19}$	$\frac{6}{95}$	$\frac{89}{380}$	$\frac{291}{760}$	$\Phi_{760}^{3}\ \Phi_{152}^{3}\ \Phi_{95}^{3}\ \Phi_{40}^{3}\ \Phi_{19}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
93524	1407	592	$\frac{1}{74}$	$\frac{123}{592}$	$\frac{73}{296}$	$\frac{223}{592}$	$\Phi_{592}^{2}\ \Phi_{296}^{3}\ \Phi_{148}^{3}\ \Phi_{74}^{2}\ \Phi_{37}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
93525	1407	752	$\frac{1}{94}$	$\frac{93}{376}$	$\frac{1}{4}$	$\frac{283}{752}$	$\Phi_{752}^{3}\ \Phi_{188}^{2}\ \Phi_{94}\ \Phi_{47}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
93526	1407	792	$\frac{1}{22}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{99}^{2}\ \Phi_{72}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{36}\ \Phi_{33}^{2}\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
93527	1407	475	$\frac{6}{475}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{475}^{3}\ \Phi_{95}^{3}\ \Phi_{25}^{3}\ \Phi_{19}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
93528	1407	740	$\frac{1}{74}$	$\frac{73}{370}$	$\frac{99}{370}$	$\frac{271}{740}$	$\Phi_{740}^{3}\ \Phi_{370}\ \Phi_{185}\ \Phi_{148}^{3}\ \Phi_{20}^{3}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}^{3}\ \Phi_{1}$
93529	1407	1122	$\frac{1}{22}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{374}^{2}\ \Phi_{187}^{2}\ \Phi_{66}\ \Phi_{51}\ \Phi_{34}\ \Phi_{33}\ \Phi_{22}\ \Phi_{17}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}$
93530	1407	494	$\frac{25}{494}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{494}^{3}\ \Phi_{247}^{3}\ \Phi_{26}^{3}\ \Phi_{19}^{2}\ \Phi_{13}^{3}\ \Phi_{1}^{3}$
93531	1407	74	$\frac{1}{37}$	$\frac{7}{74}$	$\frac{12}{37}$	$\frac{25}{74}$	$\Phi_{74}^{18}\ \Phi_{37}^{20}\ \Phi_{2}^{18}\ \Phi_{1}^{21}$
93532	1407	703	$\frac{4}{703}$	$\frac{233}{703}$	$\frac{234}{703}$	$\frac{235}{703}$	$\Phi_{703}^{2}\ \Phi_{37}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{3}$
93533	1407	900	$\frac{1}{100}$	$\frac{2}{9}$	$\frac{33}{100}$	$\frac{1}{3}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{225}^{2}\ \Phi_{180}^{2}\ \Phi_{100}^{2}\ \Phi_{90}^{2}\ \Phi_{50}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
93534	1407	690	$\frac{2}{69}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{690}^{2}\ \Phi_{345}^{2}\ \Phi_{230}^{2}\ \Phi_{138}^{2}\ \Phi_{115}^{2}\ \Phi_{69}^{3}\ \Phi_{46}^{2}\ \Phi_{23}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
93535	1407	612	$\frac{1}{68}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{612}^{3}\ \Phi_{306}^{3}\ \Phi_{153}^{3}\ \Phi_{68}^{3}\ \Phi_{36}^{2}\ \Phi_{34}^{3}\ \Phi_{18}^{2}\ \Phi_{17}^{3}\ \Phi_{9}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
93536	1407	552	$\frac{2}{69}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{552}^{3}\ \Phi_{276}^{2}\ \Phi_{184}^{3}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{69}^{3}\ \Phi_{46}^{2}\ \Phi_{23}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
93537	1407	1845	$\frac{4}{205}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1845}\ \Phi_{369}\ \Phi_{205}\ \Phi_{41}\ \Phi_{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
93538	1407	2250	$\frac{1}{50}$	$\frac{49}{250}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{250}\ \Phi_{125}\ \Phi_{9}\ \Phi_{1}$
93539	1407	720	$\frac{1}{40}$	$\frac{13}{80}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{720}^{3}\ \Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{144}^{3}\ \Phi_{90}^{2}\ \Phi_{80}^{3}\ \Phi_{72}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{3}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
93540	1407	1872	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
93541	1407	225	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{225}^{8}\ \Phi_{75}^{3}\ \Phi_{45}^{8}\ \Phi_{25}^{2}\ \Phi_{15}^{3}\ \Phi_{9}^{9}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
93542	1407	630	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{126}^{3}\ \Phi_{90}^{2}\ \Phi_{70}^{3}\ \Phi_{63}^{3}\ \Phi_{45}^{2}\ \Phi_{35}^{3}\ \Phi_{18}^{2}\ \Phi_{14}^{3}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
93543	1407	1980	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{198}\ \Phi_{110}\ \Phi_{99}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
93544	1407	1725	$\frac{2}{69}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{69}\ \Phi_{25}\ \Phi_{23}\ \Phi_{1}$
93545	1407	564	$\frac{1}{47}$	$\frac{95}{564}$	$\frac{1}{4}$	$\frac{46}{141}$	$\Phi_{564}^{2}\ \Phi_{282}^{2}\ \Phi_{188}^{3}\ \Phi_{141}^{3}\ \Phi_{94}^{3}\ \Phi_{47}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
93546	1407	666	$\frac{1}{37}$	$\frac{25}{222}$	$\frac{197}{666}$	$\frac{12}{37}$	$\Phi_{666}^{3}\ \Phi_{333}^{3}\ \Phi_{37}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
93547	1407	555	$\frac{1}{37}$	$\frac{86}{555}$	$\frac{25}{111}$	$\frac{12}{37}$	$\Phi_{555}^{3}\ \Phi_{185}^{3}\ \Phi_{37}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
93548	1407	592	$\frac{1}{37}$	$\frac{25}{148}$	$\frac{123}{592}$	$\frac{12}{37}$	$\Phi_{592}^{3}\ \Phi_{296}^{3}\ \Phi_{37}^{2}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
93549	1407	990	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{32}{99}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{198}^{2}\ \Phi_{99}^{3}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{18}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
93550	1407	792	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{32}{99}$	$\Phi_{792}^{3}\ \Phi_{396}^{2}\ \Phi_{198}^{2}\ \Phi_{99}^{3}\ \Phi_{72}^{3}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
93551	1407	2475	$\frac{1}{33}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{32}{99}$	$\Phi_{2475}\ \Phi_{225}\ \Phi_{99}\ \Phi_{25}\ \Phi_{9}\ \Phi_{1}$
93552	1407	1380	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{221}{690}$	$\Phi_{1380}^{2}\ \Phi_{690}\ \Phi_{345}\ \Phi_{276}^{2}\ \Phi_{138}\ \Phi_{69}\ \Phi_{60}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
93553	1407	684	$\frac{1}{19}$	$\frac{13}{228}$	$\frac{215}{684}$	$\frac{6}{19}$	$\Phi_{684}^{3}\ \Phi_{342}^{3}\ \Phi_{171}^{3}\ \Phi_{36}^{3}\ \Phi_{19}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
93554	1407	608	$\frac{1}{19}$	$\frac{13}{152}$	$\frac{139}{608}$	$\frac{6}{19}$	$\Phi_{608}^{3}\ \Phi_{304}^{3}\ \Phi_{32}^{3}\ \Phi_{19}^{2}\ \Phi_{16}^{3}\ \Phi_{1}^{3}$
93555	1407	513	$\frac{1}{19}$	$\frac{44}{513}$	$\frac{13}{57}$	$\frac{6}{19}$	$\Phi_{513}^{3}\ \Phi_{171}^{3}\ \Phi_{27}^{3}\ \Phi_{19}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
93556	1407	570	$\frac{1}{19}$	$\frac{13}{114}$	$\frac{101}{570}$	$\frac{6}{19}$	$\Phi_{570}^{3}\ \Phi_{285}^{3}\ \Phi_{190}^{3}\ \Phi_{95}^{3}\ \Phi_{30}^{3}\ \Phi_{19}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
93557	1407	76	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{13}{76}$	$\frac{6}{19}$	$\Phi_{76}^{18}\ \Phi_{38}^{18}\ \Phi_{19}^{20}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{21}$
93558	1407	1056	$\frac{1}{22}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{1056}^{2}\ \Phi_{528}^{2}\ \Phi_{264}^{2}\ \Phi_{132}^{2}\ \Phi_{96}\ \Phi_{66}^{2}\ \Phi_{48}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
93559	1407	440	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{21}{88}$	$\frac{3}{10}$	$\Phi_{440}^{4}\ \Phi_{220}^{4}\ \Phi_{88}^{5}\ \Phi_{44}^{5}\ \Phi_{40}^{4}\ \Phi_{20}^{4}\ \Phi_{10}^{2}\ \Phi_{8}^{5}\ \Phi_{5}^{2}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
93560	1407	360	$\frac{5}{72}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{4}\ \Phi_{90}^{4}\ \Phi_{72}^{5}\ \Phi_{60}^{4}\ \Phi_{45}^{4}\ \Phi_{40}^{5}\ \Phi_{36}^{5}\ \Phi_{24}^{5}\ \Phi_{20}^{4}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{5}^{2}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
93561	1407	770	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{10}{77}$	$\frac{3}{10}$	$\Phi_{770}^{2}\ \Phi_{385}^{2}\ \Phi_{154}^{2}\ \Phi_{77}^{3}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
93562	1407	95	$\frac{1}{19}$	$\frac{11}{95}$	$\frac{18}{95}$	$\frac{28}{95}$	$\Phi_{95}^{15}\ \Phi_{19}^{14}\ \Phi_{5}^{15}\ \Phi_{1}^{15}$
93563	1407	76	$\frac{3}{38}$	$\frac{9}{76}$	$\frac{5}{38}$	$\frac{11}{38}$	$\Phi_{76}^{21}\ \Phi_{38}^{16}\ \Phi_{19}^{16}\ \Phi_{4}^{21}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
93564	1407	185	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{32}{185}$	$\frac{51}{185}$	$\Phi_{185}^{7}\ \Phi_{37}^{10}\ \Phi_{5}^{7}\ \Phi_{1}^{11}$
93565	1407	480	$\frac{11}{480}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{3}\ \Phi_{120}^{3}\ \Phi_{96}^{3}\ \Phi_{80}^{3}\ \Phi_{60}^{2}\ \Phi_{48}^{3}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
93566	1407	620	$\frac{4}{155}$	$\frac{1}{5}$	$\frac{151}{620}$	$\frac{1}{4}$	$\Phi_{620}^{2}\ \Phi_{310}^{2}\ \Phi_{155}^{3}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{31}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
93567	1407	88	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{21}{88}$	$\frac{1}{4}$	$\Phi_{88}^{15}\ \Phi_{44}^{17}\ \Phi_{22}^{16}\ \Phi_{11}^{16}\ \Phi_{8}^{18}\ \Phi_{4}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
93568	1407	880	$\frac{1}{22}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{880}^{2}\ \Phi_{440}^{2}\ \Phi_{220}^{2}\ \Phi_{110}^{2}\ \Phi_{80}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
93569	1407	72	$\frac{5}{72}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{72}^{21}\ \Phi_{36}^{21}\ \Phi_{24}^{15}\ \Phi_{18}^{21}\ \Phi_{12}^{17}\ \Phi_{9}^{21}\ \Phi_{8}^{18}\ \Phi_{6}^{16}\ \Phi_{4}^{19}\ \Phi_{3}^{16}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
93570	1407	616	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{10}{77}$	$\frac{1}{4}$	$\Phi_{616}^{3}\ \Phi_{308}^{2}\ \Phi_{154}^{2}\ \Phi_{77}^{3}\ \Phi_{56}^{3}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
93571	1407	2200	$\frac{1}{22}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{88}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{200}\ \Phi_{100}\ \Phi_{88}\ \Phi_{44}\ \Phi_{25}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
93572	1407	1800	$\frac{5}{72}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{100}\ \Phi_{72}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
93573	1407	1925	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1925}\ \Phi_{175}\ \Phi_{77}\ \Phi_{25}\ \Phi_{7}\ \Phi_{1}$
93574	1408	351	$\frac{1}{351}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{175}{351}$	$\Phi_{351}^{4}\ \Phi_{117}^{4}\ \Phi_{39}^{4}\ \Phi_{27}^{4}\ \Phi_{13}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
93575	1408	1407	$\frac{5}{1407}$	$\frac{353}{1407}$	$\frac{527}{1407}$	$\frac{701}{1407}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{201}\ \Phi_{67}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
93576	1408	705	$\frac{1}{235}$	$\frac{59}{235}$	$\frac{1}{3}$	$\frac{117}{235}$	$\Phi_{705}^{3}\ \Phi_{141}^{3}\ \Phi_{15}^{3}\ \Phi_{3}^{2}$
93577	1408	603	$\frac{1}{201}$	$\frac{101}{603}$	$\frac{251}{603}$	$\frac{100}{201}$	$\Phi_{603}^{2}\ \Phi_{201}^{3}\ \Phi_{67}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
93578	1408	175	$\frac{1}{175}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{87}{175}$	$\Phi_{175}^{8}\ \Phi_{35}^{8}\ \Phi_{25}^{8}\ \Phi_{7}^{9}\ \Phi_{5}^{8}\ \Phi_{1}^{10}$
93579	1408	525	$\frac{1}{175}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{87}{175}$	$\Phi_{525}^{4}\ \Phi_{105}^{4}\ \Phi_{75}^{4}\ \Phi_{21}^{4}\ \Phi_{15}^{5}\ \Phi_{3}^{4}$
93580	1408	469	$\frac{3}{469}$	$\frac{59}{469}$	$\frac{205}{469}$	$\frac{233}{469}$	$\Phi_{469}^{3}\ \Phi_{67}^{3}\ \Phi_{7}^{3}\ \Phi_{1}^{4}$
93581	1408	423	$\frac{1}{141}$	$\frac{71}{423}$	$\frac{1}{3}$	$\frac{70}{141}$	$\Phi_{423}^{4}\ \Phi_{141}^{2}\ \Phi_{47}^{2}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
93582	1408	2540	$\frac{1}{127}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{63}{127}$	$\Phi_{2540}\ \Phi_{508}\ \Phi_{127}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
93583	1408	1905	$\frac{1}{127}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{63}{127}$	$\Phi_{1905}\ \Phi_{381}\ \Phi_{127}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
93584	1408	1765	$\frac{3}{353}$	$\frac{1}{5}$	$\frac{89}{353}$	$\frac{175}{353}$	Φ_{1765}
93585	1408	1407	$\frac{13}{1407}$	$\frac{263}{1407}$	$\frac{355}{1407}$	$\frac{697}{1407}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{201}\ \Phi_{67}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
93586	1408	1395	$\frac{13}{1395}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{691}{1395}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}\ \Phi_{155}\ \Phi_{93}\ \Phi_{45}\ \Phi_{31}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
93587	1408	705	$\frac{7}{705}$	$\frac{89}{705}$	$\frac{1}{3}$	$\frac{349}{705}$	$\Phi_{705}^{2}\ \Phi_{235}^{2}\ \Phi_{141}^{2}\ \Phi_{47}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
93588	1408	435	$\frac{1}{87}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{43}{87}$	$\Phi_{435}^{3}\ \Phi_{145}^{3}\ \Phi_{87}^{4}\ \Phi_{29}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
93589	1408	261	$\frac{1}{87}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{43}{87}$	$\Phi_{261}^{6}\ \Phi_{87}^{4}\ \Phi_{29}^{4}\ \Phi_{9}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
93590	1408	435	$\frac{1}{87}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{43}{87}$	$\Phi_{435}^{3}\ \Phi_{145}^{3}\ \Phi_{87}^{4}\ \Phi_{29}^{4}\ \Phi_{15}^{3}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
93591	1408	1407	$\frac{17}{1407}$	$\frac{89}{1407}$	$\frac{659}{1407}$	$\frac{695}{1407}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{201}\ \Phi_{67}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
93592	1408	335	$\frac{1}{67}$	$\frac{17}{335}$	$\frac{159}{335}$	$\frac{33}{67}$	$\Phi_{335}^{4}\ \Phi_{67}^{5}\ \Phi_{5}^{4}\ \Phi_{1}^{6}$
93593	1408	1005	$\frac{1}{67}$	$\frac{34}{335}$	$\frac{301}{1005}$	$\frac{33}{67}$	$\Phi_{1005}^{2}\ \Phi_{201}^{2}\ \Phi_{67}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
93594	1408	201	$\frac{1}{67}$	$\frac{25}{201}$	$\frac{17}{67}$	$\frac{33}{67}$	$\Phi_{201}^{8}\ \Phi_{67}^{5}\ \Phi_{3}^{8}\ \Phi_{1}^{6}$
93595	1408	63	$\frac{1}{63}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{31}{63}$	$\Phi_{63}^{22}\ \Phi_{21}^{23}\ \Phi_{9}^{22}\ \Phi_{7}^{23}\ \Phi_{3}^{23}\ \Phi_{1}^{24}$
93596	1408	252	$\frac{1}{63}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{31}{63}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{84}^{6}\ \Phi_{63}^{4}\ \Phi_{42}^{6}\ \Phi_{36}^{6}\ \Phi_{28}^{6}\ \Phi_{21}^{4}\ \Phi_{18}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{8}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
93597	1408	126	$\frac{1}{63}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{31}{63}$	$\Phi_{126}^{14}\ \Phi_{63}^{8}\ \Phi_{42}^{14}\ \Phi_{21}^{8}\ \Phi_{18}^{14}\ \Phi_{14}^{16}\ \Phi_{9}^{8}\ \Phi_{7}^{9}\ \Phi_{6}^{14}\ \Phi_{3}^{8}\ \Phi_{2}^{16}\ \Phi_{1}^{10}$
93598	1408	1407	$\frac{23}{1407}$	$\frac{65}{1407}$	$\frac{671}{1407}$	$\frac{692}{1407}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{201}\ \Phi_{67}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
93599	1408	531	$\frac{1}{59}$	$\frac{1}{9}$	$\frac{15}{59}$	$\frac{29}{59}$	$\Phi_{531}^{3}\ \Phi_{177}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{2}$
93600	1408	1407	$\frac{25}{1407}$	$\frac{179}{1407}$	$\frac{307}{1407}$	$\frac{691}{1407}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{201}\ \Phi_{67}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
93601	1408	1765	$\frac{7}{353}$	$\frac{45}{353}$	$\frac{1}{5}$	$\frac{173}{353}$	Φ_{1765}
93602	1408	345	$\frac{7}{345}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{169}{345}$	$\Phi_{345}^{4}\ \Phi_{115}^{4}\ \Phi_{69}^{4}\ \Phi_{23}^{4}\ \Phi_{15}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
93603	1408	1407	$\frac{29}{1407}$	$\frac{131}{1407}$	$\frac{359}{1407}$	$\frac{689}{1407}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{201}\ \Phi_{67}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
93604	1408	141	$\frac{1}{47}$	$\frac{3}{47}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{141}^{15}\ \Phi_{3}^{14}$
93605	1408	1333	$\frac{1}{43}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{21}{43}$	$\Phi_{1333}\ \Phi_{43}^{2}\ \Phi_{31}^{2}\ \Phi_{1}^{4}$
93606	1408	2193	$\frac{1}{43}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{2193}\ \Phi_{51}^{2}$
93607	1408	516	$\frac{1}{43}$	$\frac{1}{12}$	$\frac{11}{43}$	$\frac{21}{43}$	$\Phi_{516}^{3}\ \Phi_{258}^{3}\ \Phi_{172}^{3}\ \Phi_{129}^{3}\ \Phi_{86}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
93608	1408	1333	$\frac{1}{43}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{21}{43}$	$\Phi_{1333}\ \Phi_{43}^{2}\ \Phi_{31}^{2}\ \Phi_{1}^{4}$
93609	1408	1935	$\frac{1}{43}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{21}{43}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{45}^{2}\ \Phi_{15}^{2}$
93610	1408	469	$\frac{11}{469}$	$\frac{15}{469}$	$\frac{227}{469}$	$\frac{229}{469}$	$\Phi_{469}^{3}\ \Phi_{67}^{3}\ \Phi_{7}^{3}\ \Phi_{1}^{4}$
93611	1408	1407	$\frac{41}{1407}$	$\frac{95}{1407}$	$\frac{362}{1407}$	$\frac{683}{1407}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{201}\ \Phi_{67}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
93612	1408	705	$\frac{7}{235}$	$\frac{11}{235}$	$\frac{1}{3}$	$\frac{114}{235}$	$\Phi_{705}^{3}\ \Phi_{141}^{3}\ \Phi_{15}^{3}\ \Phi_{3}^{2}$
93613	1408	2139	$\frac{1}{31}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{2139}\ \Phi_{69}^{2}$
93614	1408	1333	$\frac{1}{31}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{15}{31}$	$\Phi_{1333}\ \Phi_{43}^{2}\ \Phi_{31}^{2}\ \Phi_{1}^{4}$
93615	1408	1860	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{15}{31}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{465}\ \Phi_{310}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
93616	1408	1513	$\frac{3}{89}$	$\frac{1}{17}$	$\frac{23}{89}$	$\frac{43}{89}$	Φ_{1513}
93617	1408	201	$\frac{7}{201}$	$\frac{13}{201}$	$\frac{47}{201}$	$\frac{97}{201}$	$\Phi_{201}^{7}\ \Phi_{67}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
93618	1408	201	$\frac{7}{201}$	$\frac{25}{201}$	$\frac{26}{201}$	$\frac{97}{201}$	$\Phi_{201}^{7}\ \Phi_{67}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
93619	1408	531	$\frac{7}{177}$	$\frac{1}{9}$	$\frac{23}{177}$	$\frac{85}{177}$	$\Phi_{531}^{3}\ \Phi_{177}^{2}\ \Phi_{59}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
93620	1408	469	$\frac{19}{469}$	$\frac{51}{469}$	$\frac{61}{469}$	$\frac{225}{469}$	$\Phi_{469}^{3}\ \Phi_{67}^{3}\ \Phi_{7}^{3}\ \Phi_{1}^{4}$
93621	1408	1765	$\frac{15}{353}$	$\frac{23}{353}$	$\frac{1}{5}$	$\frac{169}{353}$	Φ_{1765}
93622	1408	1407	$\frac{61}{1407}$	$\frac{65}{1407}$	$\frac{367}{1407}$	$\frac{673}{1407}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{201}\ \Phi_{67}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
93623	1408	705	$\frac{23}{705}$	$\frac{31}{705}$	$\frac{1}{3}$	$\frac{337}{705}$	$\Phi_{705}^{2}\ \Phi_{235}^{2}\ \Phi_{141}^{2}\ \Phi_{47}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
93624	1408	1495	$\frac{1}{23}$	$\frac{3}{65}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{1495}\ \Phi_{299}\ \Phi_{115}$
93625	1408	231	$\frac{1}{33}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{231}^{6}\ \Phi_{77}^{6}\ \Phi_{33}^{8}\ \Phi_{21}^{4}\ \Phi_{11}^{8}\ \Phi_{7}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
93626	1408	21	$\frac{1}{21}$	$\frac{1}{21}$	$\frac{5}{21}$	$\frac{10}{21}$	$\Phi_{21}^{67}\ \Phi_{7}^{67}\ \Phi_{3}^{67}\ \Phi_{1}^{68}$
93627	1408	1785	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{255}\ \Phi_{85}^{2}$
93628	1408	189	$\frac{1}{21}$	$\frac{13}{189}$	$\frac{11}{63}$	$\frac{10}{21}$	$\Phi_{189}^{8}\ \Phi_{63}^{6}\ \Phi_{27}^{8}\ \Phi_{21}^{7}\ \Phi_{9}^{6}\ \Phi_{7}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
93629	1408	105	$\frac{1}{21}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{10}{21}$	$\Phi_{105}^{14}\ \Phi_{35}^{16}\ \Phi_{21}^{8}\ \Phi_{15}^{14}\ \Phi_{7}^{9}\ \Phi_{5}^{16}\ \Phi_{3}^{8}\ \Phi_{1}^{10}$
93630	1408	63	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{10}{21}$	$\Phi_{63}^{21}\ \Phi_{21}^{22}\ \Phi_{9}^{28}\ \Phi_{7}^{22}\ \Phi_{3}^{29}\ \Phi_{1}^{30}$
93631	1408	335	$\frac{3}{67}$	$\frac{17}{335}$	$\frac{16}{67}$	$\frac{159}{335}$	$\Phi_{335}^{4}\ \Phi_{67}^{5}\ \Phi_{5}^{4}\ \Phi_{1}^{6}$
93632	1408	516	$\frac{7}{129}$	$\frac{1}{12}$	$\frac{17}{129}$	$\frac{61}{129}$	$\Phi_{516}^{3}\ \Phi_{258}^{3}\ \Phi_{172}^{3}\ \Phi_{129}^{2}\ \Phi_{86}^{3}\ \Phi_{43}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
93633	1408	469	$\frac{27}{469}$	$\frac{37}{469}$	$\frac{62}{469}$	$\frac{221}{469}$	$\Phi_{469}^{3}\ \Phi_{67}^{3}\ \Phi_{7}^{3}\ \Phi_{1}^{4}$
93634	1408	1765	$\frac{17}{353}$	$\frac{21}{353}$	$\frac{1}{5}$	$\frac{166}{353}$	Φ_{1765}
93635	1408	1407	$\frac{47}{1407}$	$\frac{85}{1407}$	$\frac{373}{1407}$	$\frac{661}{1407}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{201}\ \Phi_{67}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
93636	1408	705	$\frac{17}{705}$	$\frac{43}{705}$	$\frac{1}{3}$	$\frac{331}{705}$	$\Phi_{705}^{2}\ \Phi_{235}^{2}\ \Phi_{141}^{2}\ \Phi_{47}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
93637	1408	45	$\frac{1}{45}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{45}^{32}\ \Phi_{15}^{30}\ \Phi_{9}^{32}\ \Phi_{5}^{30}\ \Phi_{3}^{29}\ \Phi_{1}^{30}$
93638	1408	165	$\frac{1}{33}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{165}^{9}\ \Phi_{55}^{9}\ \Phi_{33}^{8}\ \Phi_{15}^{6}\ \Phi_{11}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
93639	1408	435	$\frac{1}{29}$	$\frac{1}{15}$	$\frac{7}{29}$	$\frac{7}{15}$	$\Phi_{435}^{3}\ \Phi_{145}^{3}\ \Phi_{87}^{3}\ \Phi_{29}^{6}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
93640	1408	345	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{345}^{4}\ \Phi_{115}^{5}\ \Phi_{69}^{4}\ \Phi_{23}^{4}$
93641	1408	435	$\frac{1}{15}$	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{7}{15}$	$\Phi_{435}^{3}\ \Phi_{145}^{3}\ \Phi_{87}^{4}\ \Phi_{29}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
93642	1408	180	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{7}{15}$	$\Phi_{180}^{9}\ \Phi_{90}^{9}\ \Phi_{60}^{6}\ \Phi_{45}^{6}\ \Phi_{36}^{12}\ \Phi_{30}^{6}\ \Phi_{20}^{6}\ \Phi_{18}^{12}\ \Phi_{15}^{4}\ \Phi_{12}^{8}\ \Phi_{10}^{6}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{4}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
93643	1408	1407	$\frac{47}{1407}$	$\frac{97}{1407}$	$\frac{340}{1407}$	$\frac{655}{1407}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{201}\ \Phi_{67}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
93644	1408	987	$\frac{1}{47}$	$\frac{23}{329}$	$\frac{1}{3}$	$\frac{153}{329}$	$\Phi_{987}^{2}\ \Phi_{141}^{3}\ \Phi_{21}^{2}\ \Phi_{3}^{2}$
93645	1408	897	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{897}^{2}\ \Phi_{299}\ \Phi_{69}^{2}$
93646	1408	1513	$\frac{1}{17}$	$\frac{7}{89}$	$\frac{12}{89}$	$\frac{41}{89}$	Φ_{1513}
93647	1408	1407	$\frac{95}{1407}$	$\frac{113}{1407}$	$\frac{164}{1407}$	$\frac{647}{1407}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{201}\ \Phi_{67}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
93648	1408	531	$\frac{4}{59}$	$\frac{5}{59}$	$\frac{1}{9}$	$\frac{27}{59}$	$\Phi_{531}^{3}\ \Phi_{177}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{2}$
93649	1408	1407	$\frac{76}{1407}$	$\frac{121}{1407}$	$\frac{191}{1407}$	$\frac{643}{1407}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{201}\ \Phi_{67}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
93650	1408	1765	$\frac{12}{353}$	$\frac{31}{353}$	$\frac{1}{5}$	$\frac{161}{353}$	Φ_{1765}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
93651	1408	1407	$\frac{32}{1407}$	$\frac{125}{1407}$	$\frac{383}{1407}$	$\frac{641}{1407}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{201}\ \Phi_{67}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
93652	1408	705	$\frac{4}{235}$	$\frac{21}{235}$	$\frac{1}{3}$	$\frac{107}{235}$	$\Phi_{705}^{3}\ \Phi_{141}^{3}\ \Phi_{15}^{3}\ \Phi_{3}^{2}$
93653	1408	495	$\frac{1}{45}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{495}^{3}\ \Phi_{165}^{3}\ \Phi_{99}^{3}\ \Phi_{55}^{3}\ \Phi_{45}^{2}\ \Phi_{33}^{3}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}$
93654	1408	201	$\frac{5}{201}$	$\frac{19}{201}$	$\frac{49}{201}$	$\frac{91}{201}$	$\Phi_{201}^{7}\ \Phi_{67}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
93655	1408	780	$\frac{1}{65}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{780}^{5}\ \Phi_{195}\ \Phi_{156}^{5}\ \Phi_{60}^{4}\ \Phi_{39}\ \Phi_{15}\ \Phi_{12}^{4}$
93656	1408	2540	$\frac{3}{127}$	$\frac{1}{10}$	$\frac{31}{127}$	$\frac{9}{20}$	$\Phi_{2540}\ \Phi_{508}\ \Phi_{127}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
93657	1408	660	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{660}^{4}\ \Phi_{220}^{4}\ \Phi_{165}\ \Phi_{132}^{4}\ \Phi_{60}^{4}\ \Phi_{55}\ \Phi_{44}^{4}\ \Phi_{15}\ \Phi_{12}^{4}$
93658	1408	2540	$\frac{7}{127}$	$\frac{1}{10}$	$\frac{15}{127}$	$\frac{9}{20}$	$\Phi_{2540}\ \Phi_{508}\ \Phi_{127}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
93659	1408	3060	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{204}\ \Phi_{153}\ \Phi_{51}$
93660	1408	1495	$\frac{1}{23}$	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{29}{65}$	$\Phi_{1495}\ \Phi_{299}\ \Phi_{115}$
93661	1408	1269	$\frac{2}{141}$	$\frac{139}{1269}$	$\frac{1}{3}$	$\frac{565}{1269}$	$\Phi_{1269}\ \Phi_{423}\ \Phi_{141}^{2}\ \Phi_{47}^{2}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
93662	1408	1407	$\frac{71}{1407}$	$\frac{155}{1407}$	$\frac{167}{1407}$	$\frac{626}{1407}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{201}\ \Phi_{67}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
93663	1408	297	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{297}^{6}\ \Phi_{99}^{3}\ \Phi_{33}^{2}\ \Phi_{27}^{4}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
93664	1408	201	$\frac{14}{201}$	$\frac{17}{201}$	$\frac{23}{201}$	$\frac{89}{201}$	$\Phi_{201}^{7}\ \Phi_{67}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
93665	1408	516	$\frac{3}{43}$	$\frac{1}{12}$	$\frac{5}{43}$	$\frac{19}{43}$	$\Phi_{516}^{3}\ \Phi_{258}^{3}\ \Phi_{172}^{3}\ \Phi_{129}^{3}\ \Phi_{86}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
93666	1408	531	$\frac{3}{59}$	$\frac{1}{9}$	$\frac{7}{59}$	$\frac{26}{59}$	$\Phi_{531}^{3}\ \Phi_{177}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{2}$
93667	1408	1407	$\frac{55}{1407}$	$\frac{169}{1407}$	$\frac{197}{1407}$	$\frac{619}{1407}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{201}\ \Phi_{67}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
93668	1408	1765	$\frac{9}{353}$	$\frac{43}{353}$	$\frac{1}{5}$	$\frac{155}{353}$	Φ_{1765}
93669	1408	1407	$\frac{23}{1407}$	$\frac{173}{1407}$	$\frac{395}{1407}$	$\frac{617}{1407}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{201}\ \Phi_{67}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
93670	1408	705	$\frac{3}{235}$	$\frac{29}{235}$	$\frac{1}{3}$	$\frac{103}{235}$	$\Phi_{705}^{3}\ \Phi_{141}^{3}\ \Phi_{15}^{3}\ \Phi_{3}^{2}$
93671	1408	1869	$\frac{1}{89}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1869}\ \Phi_{267}^{2}$
93672	1408	525	$\frac{2}{175}$	$\frac{1}{7}$	$\frac{173}{525}$	$\frac{3}{7}$	$\Phi_{525}^{4}\ \Phi_{105}^{4}\ \Phi_{75}^{4}\ \Phi_{21}^{4}\ \Phi_{15}^{4}\ \Phi_{7}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
93673	1408	357	$\frac{5}{357}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{357}^{4}\ \Phi_{119}^{4}\ \Phi_{51}^{4}\ \Phi_{21}^{4}\ \Phi_{17}^{4}\ \Phi_{7}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
93674	1408	175	$\frac{3}{175}$	$\frac{1}{7}$	$\frac{43}{175}$	$\frac{3}{7}$	$\Phi_{175}^{8}\ \Phi_{35}^{8}\ \Phi_{25}^{8}\ \Phi_{7}^{9}\ \Phi_{5}^{8}\ \Phi_{1}^{10}$
93675	1408	315	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{315}^{4}\ \Phi_{105}^{4}\ \Phi_{63}^{4}\ \Phi_{45}^{8}\ \Phi_{35}^{3}\ \Phi_{21}^{4}\ \Phi_{15}^{8}\ \Phi_{9}^{8}\ \Phi_{7}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
93676	1408	875	$\frac{4}{175}$	$\frac{1}{7}$	$\frac{171}{875}$	$\frac{3}{7}$	$\Phi_{875}^{2}\ \Phi_{125}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
93677	1408	105	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{17}{105}$	$\frac{3}{7}$	$\Phi_{105}^{16}\ \Phi_{35}^{8}\ \Phi_{21}^{16}\ \Phi_{15}^{16}\ \Phi_{7}^{9}\ \Phi_{5}^{8}\ \Phi_{3}^{16}\ \Phi_{1}^{10}$
93678	1408	91	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{91}^{16}\ \Phi_{13}^{16}\ \Phi_{7}^{9}\ \Phi_{1}^{10}$
93679	1408	175	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{175}^{7}\ \Phi_{35}^{7}\ \Phi_{25}^{14}\ \Phi_{7}^{8}\ \Phi_{5}^{14}\ \Phi_{1}^{16}$
93680	1408	735	$\frac{31}{735}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{735}^{2}\ \Phi_{245}^{2}\ \Phi_{147}^{2}\ \Phi_{105}^{2}\ \Phi_{49}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{7}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
93681	1408	1449	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}^{2}\ \Phi_{69}^{2}$
93682	1408	35	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{35}^{40}\ \Phi_{7}^{41}\ \Phi_{5}^{40}\ \Phi_{1}^{42}$
93683	1408	1428	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{238}\ \Phi_{204}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{2}$
93684	1408	1513	$\frac{1}{89}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	Φ_{1513}
93685	1408	1407	$\frac{19}{1407}$	$\frac{265}{1407}$	$\frac{347}{1407}$	$\frac{571}{1407}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{201}\ \Phi_{67}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
93686	1408	1065	$\frac{3}{355}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1065}^{2}\ \Phi_{213}^{2}\ \Phi_{15}$
93687	1408	825	$\frac{1}{33}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{825}^{2}\ \Phi_{275}^{2}\ \Phi_{165}\ \Phi_{75}^{2}\ \Phi_{55}\ \Phi_{15}$
93688	1408	805	$\frac{1}{23}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{805}^{2}\ \Phi_{161}^{2}\ \Phi_{115}$
93689	1408	495	$\frac{1}{45}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{495}^{3}\ \Phi_{165}^{3}\ \Phi_{99}^{3}\ \Phi_{55}^{3}\ \Phi_{45}^{2}\ \Phi_{33}^{2}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
93690	1408	469	$\frac{13}{469}$	$\frac{57}{469}$	$\frac{103}{469}$	$\frac{183}{469}$	$\Phi_{469}^{3}\ \Phi_{67}^{3}\ \Phi_{7}^{3}\ \Phi_{1}^{4}$
93691	1408	774	$\frac{1}{129}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{774}^{3}\ \Phi_{258}^{3}\ \Phi_{129}^{2}\ \Phi_{86}^{3}\ \Phi_{43}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
93692	1408	198	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{198}^{12}\ \Phi_{99}^{3}\ \Phi_{66}^{12}\ \Phi_{33}^{2}\ \Phi_{22}^{12}\ \Phi_{18}^{8}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{8}\ \Phi_{3}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
93693	1408	469	$\frac{18}{469}$	$\frac{41}{469}$	$\frac{107}{469}$	$\frac{181}{469}$	$\Phi_{469}^{3}\ \Phi_{67}^{3}\ \Phi_{7}^{3}\ \Phi_{1}^{4}$
93694	1408	299	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{299}^{5}\ \Phi_{23}^{4}$
93695	1408	1407	$\frac{79}{1407}$	$\frac{83}{1407}$	$\frac{331}{1407}$	$\frac{538}{1407}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{201}\ \Phi_{67}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
93696	1408	1513	$\frac{5}{89}$	$\frac{1}{17}$	$\frac{21}{89}$	$\frac{34}{89}$	Φ_{1513}
93697	1408	189	$\frac{1}{21}$	$\frac{13}{189}$	$\frac{5}{21}$	$\frac{8}{21}$	$\Phi_{189}^{8}\ \Phi_{63}^{8}\ \Phi_{27}^{8}\ \Phi_{21}^{3}\ \Phi_{9}^{8}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
93698	1408	1407	$\frac{59}{1407}$	$\frac{109}{1407}$	$\frac{337}{1407}$	$\frac{535}{1407}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{201}\ \Phi_{67}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
93699	1408	516	$\frac{5}{129}$	$\frac{1}{12}$	$\frac{31}{129}$	$\frac{49}{129}$	$\Phi_{516}^{3}\ \Phi_{258}^{3}\ \Phi_{172}^{3}\ \Phi_{129}^{2}\ \Phi_{86}^{3}\ \Phi_{43}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
93700	1408	531	$\frac{5}{177}$	$\frac{1}{9}$	$\frac{43}{177}$	$\frac{67}{177}$	$\Phi_{531}^{3}\ \Phi_{177}^{2}\ \Phi_{59}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
93701	1408	469	$\frac{9}{469}$	$\frac{73}{469}$	$\frac{115}{469}$	$\frac{177}{469}$	$\Phi_{469}^{3}\ \Phi_{67}^{3}\ \Phi_{7}^{3}\ \Phi_{1}^{4}$
93702	1408	1765	$\frac{5}{353}$	$\frac{1}{5}$	$\frac{87}{353}$	$\frac{133}{353}$	Φ_{1765}
93703	1408	1407	$\frac{11}{1407}$	$\frac{349}{1407}$	$\frac{439}{1407}$	$\frac{529}{1407}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{201}\ \Phi_{67}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
93704	1408	141	$\frac{1}{141}$	$\frac{35}{141}$	$\frac{1}{3}$	$\frac{53}{141}$	$\Phi_{141}^{10}\ \Phi_{47}^{10}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
93705	1408	2064	$\frac{1}{129}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{2064}\ \Phi_{688}\ \Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{86}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
93706	1408	1071	$\frac{1}{21}$	$\frac{20}{357}$	$\frac{337}{1071}$	$\frac{367}{1071}$	$\Phi_{1071}\ \Phi_{357}^{2}\ \Phi_{153}\ \Phi_{119}^{2}\ \Phi_{63}\ \Phi_{51}^{2}\ \Phi_{21}\ \Phi_{17}^{2}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
93707	1408	177	$\frac{1}{177}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{177}^{8}\ \Phi_{59}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
93708	1408	1053	$\frac{2}{351}$	$\frac{349}{1053}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1053}^{2}\ \Phi_{81}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
93709	1408	117	$\frac{1}{117}$	$\frac{29}{117}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{117}^{12}\ \Phi_{39}^{12}\ \Phi_{13}^{12}\ \Phi_{9}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
93710	1408	711	$\frac{7}{711}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{711}^{2}\ \Phi_{237}^{2}\ \Phi_{79}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
93711	1408	1335	$\frac{1}{89}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1335}\ \Phi_{445}^{2}$
93712	1408	819	$\frac{2}{117}$	$\frac{115}{819}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{819}^{2}\ \Phi_{273}^{2}\ \Phi_{91}^{2}\ \Phi_{63}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
93713	1408	351	$\frac{7}{351}$	$\frac{43}{351}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{351}^{4}\ \Phi_{117}^{4}\ \Phi_{39}^{4}\ \Phi_{27}^{4}\ \Phi_{13}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
93714	1408	45	$\frac{1}{45}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{45}^{32}\ \Phi_{15}^{32}\ \Phi_{9}^{28}\ \Phi_{5}^{32}\ \Phi_{3}^{29}\ \Phi_{1}^{30}$
93715	1408	195	$\frac{1}{39}$	$\frac{19}{195}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^{8}\ \Phi_{65}^{8}\ \Phi_{39}^{4}\ \Phi_{15}^{8}\ \Phi_{13}^{4}\ \Phi_{5}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
93716	1408	351	$\frac{10}{351}$	$\frac{31}{351}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{351}^{4}\ \Phi_{117}^{4}\ \Phi_{39}^{4}\ \Phi_{27}^{4}\ \Phi_{13}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
93717	1408	132	$\frac{1}{33}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{132}^{12}\ \Phi_{66}^{12}\ \Phi_{44}^{12}\ \Phi_{33}^{8}\ \Phi_{22}^{12}\ \Phi_{12}^{8}\ \Phi_{11}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
93718	1408	273	$\frac{3}{91}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{273}^{4}\ \Phi_{91}^{8}\ \Phi_{39}^{3}\ \Phi_{21}^{4}\ \Phi_{13}^{6}\ \Phi_{7}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
93719	1408	729	$\frac{25}{729}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{729}^{2}\ \Phi_{243}^{2}\ \Phi_{81}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
93720	1408	189	$\frac{1}{27}$	$\frac{13}{189}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{189}^{8}\ \Phi_{63}^{8}\ \Phi_{27}^{4}\ \Phi_{21}^{8}\ \Phi_{9}^{4}\ \Phi_{7}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
93721	1408	117	$\frac{5}{117}$	$\frac{7}{117}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{117}^{12}\ \Phi_{39}^{12}\ \Phi_{13}^{12}\ \Phi_{9}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
93722	1408	1173	$\frac{1}{23}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1173}\ \Phi_{391}^{2}$
93723	1408	741	$\frac{37}{741}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{741}^{2}\ \Phi_{247}^{2}\ \Phi_{57}^{2}\ \Phi_{19}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
93724	1408	525	$\frac{2}{175}$	$\frac{1}{5}$	$\frac{173}{525}$	$\frac{1}{3}$	$\Phi_{525}^{2}\ \Phi_{175}^{4}\ \Phi_{105}^{2}\ \Phi_{75}^{2}\ \Phi_{35}^{4}\ \Phi_{25}^{4}\ \Phi_{21}^{2}\ \Phi_{15}^{3}\ \Phi_{7}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
93725	1408	423	$\frac{2}{141}$	$\frac{71}{423}$	$\frac{139}{423}$	$\frac{1}{3}$	$\Phi_{423}^{3}\ \Phi_{141}^{4}\ \Phi_{47}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
93726	1408	261	$\frac{2}{87}$	$\frac{1}{9}$	$\frac{85}{261}$	$\frac{1}{3}$	$\Phi_{261}^{5}\ \Phi_{87}^{6}\ \Phi_{29}^{6}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
93727	1408	756	$\frac{2}{63}$	$\frac{1}{12}$	$\frac{61}{189}$	$\frac{1}{3}$	$\Phi_{756}^{3}\ \Phi_{378}^{3}\ \Phi_{189}^{2}\ \Phi_{108}^{3}\ \Phi_{54}^{3}\ \Phi_{27}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
93728	1408	1035	$\frac{14}{345}$	$\frac{1}{15}$	$\frac{331}{1035}$	$\frac{1}{3}$	$\Phi_{1035}^{2}\ \Phi_{207}^{2}\ \Phi_{45}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
93729	1408	693	$\frac{1}{33}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{693}^{3}\ \Phi_{99}^{3}\ \Phi_{63}^{2}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
93730	1408	45	$\frac{1}{45}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{45}^{31}\ \Phi_{15}^{32}\ \Phi_{9}^{31}\ \Phi_{5}^{32}\ \Phi_{3}^{31}\ \Phi_{1}^{32}$
93731	1408	987	$\frac{1}{47}$	$\frac{46}{329}$	$\frac{283}{987}$	$\frac{1}{3}$	$\Phi_{987}\ \Phi_{329}^{2}\ \Phi_{141}^{2}\ \Phi_{47}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
93732	1408	195	$\frac{1}{65}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{195}^{6}\ \Phi_{65}^{10}\ \Phi_{39}^{6}\ \Phi_{15}^{5}\ \Phi_{13}^{10}\ \Phi_{5}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
93733	1408	705	$\frac{3}{235}$	$\frac{58}{235}$	$\frac{59}{235}$	$\frac{1}{3}$	$\Phi_{705}^{3}\ \Phi_{141}^{3}\ \Phi_{15}^{3}\ \Phi_{3}^{2}$
93734	1408	525	$\frac{3}{175}$	$\frac{1}{5}$	$\frac{43}{175}$	$\frac{1}{3}$	$\Phi_{525}^{4}\ \Phi_{105}^{4}\ \Phi_{75}^{4}\ \Phi_{21}^{4}\ \Phi_{15}^{5}\ \Phi_{3}^{4}$
93735	1408	705	$\frac{13}{705}$	$\frac{133}{705}$	$\frac{173}{705}$	$\frac{1}{3}$	$\Phi_{705}^{2}\ \Phi_{235}^{2}\ \Phi_{141}^{2}\ \Phi_{47}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
93736	1408	465	$\frac{13}{465}$	$\frac{2}{15}$	$\frac{113}{465}$	$\frac{1}{3}$	$\Phi_{465}^{3}\ \Phi_{155}^{3}\ \Phi_{93}^{3}\ \Phi_{31}^{3}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
93737	1408	261	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{7}{29}$	$\frac{1}{3}$	$\Phi_{261}^{6}\ \Phi_{87}^{3}\ \Phi_{29}^{6}\ \Phi_{9}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
93738	1408	705	$\frac{29}{705}$	$\frac{67}{705}$	$\frac{169}{705}$	$\frac{1}{3}$	$\Phi_{705}^{2}\ \Phi_{235}^{2}\ \Phi_{141}^{2}\ \Phi_{47}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
93739	1408	84	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{5}{21}$	$\frac{1}{3}$	$\Phi_{84}^{18}\ \Phi_{42}^{18}\ \Phi_{28}^{18}\ \Phi_{21}^{12}\ \Phi_{14}^{18}\ \Phi_{12}^{20}\ \Phi_{7}^{12}\ \Phi_{6}^{20}\ \Phi_{4}^{20}\ \Phi_{3}^{13}\ \Phi_{2}^{20}\ \Phi_{1}^{14}$
93740	1408	705	$\frac{41}{705}$	$\frac{49}{705}$	$\frac{166}{705}$	$\frac{1}{3}$	$\Phi_{705}^{2}\ \Phi_{235}^{2}\ \Phi_{141}^{2}\ \Phi_{47}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
93741	1408	2193	$\frac{1}{17}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{2193}\ \Phi_{51}^{2}$
93742	1408	705	$\frac{34}{705}$	$\frac{61}{705}$	$\frac{161}{705}$	$\frac{1}{3}$	$\Phi_{705}^{2}\ \Phi_{235}^{2}\ \Phi_{141}^{2}\ \Phi_{47}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
93743	1408	2139	$\frac{1}{23}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{2139}\ \Phi_{69}^{2}$
93744	1408	540	$\frac{7}{135}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{540}^{3}\ \Phi_{270}^{3}\ \Phi_{180}^{3}\ \Phi_{135}^{2}\ \Phi_{108}^{3}\ \Phi_{90}^{3}\ \Phi_{60}^{3}\ \Phi_{54}^{3}\ \Phi_{45}^{2}\ \Phi_{30}^{3}\ \Phi_{27}^{2}\ \Phi_{20}^{3}$ $\Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
93745	1408	141	$\frac{5}{141}$	$\frac{17}{141}$	$\frac{31}{141}$	$\frac{1}{3}$	$\Phi_{141}^{10}\ \Phi_{47}^{10}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
93746	1408	462	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{462}^{4}\ \Phi_{231}^{2}\ \Phi_{154}^{4}\ \Phi_{77}^{2}\ \Phi_{66}^{4}\ \Phi_{42}^{2}\ \Phi_{33}^{4}\ \Phi_{22}^{4}\ \Phi_{21}\ \Phi_{14}^{4}\ \Phi_{11}^{4}\ \Phi_{7}^{2}$ $\Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
93747	1408	45	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{45}^{32}\ \Phi_{15}^{29}\ \Phi_{9}^{32}\ \Phi_{5}^{32}\ \Phi_{3}^{28}\ \Phi_{1}^{32}$
93748	1408	2625	$\frac{4}{175}$	$\frac{171}{875}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2625}\ \Phi_{375}\ \Phi_{15}$
93749	1408	105	$\frac{1}{35}$	$\frac{17}{105}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^{12}\ \Phi_{35}^{16}\ \Phi_{21}^{12}\ \Phi_{15}^{13}\ \Phi_{7}^{16}\ \Phi_{5}^{16}\ \Phi_{3}^{12}\ \Phi_{1}^{16}$
93750	1408	2175	$\frac{21}{725}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2175}\ \Phi_{435}\ \Phi_{87}\ \Phi_{15}$
93751	1408	1365	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1365}^{2}\ \Phi_{195}^{2}\ \Phi_{105}\ \Phi_{15}^{2}$
93752	1408	75	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{75}^{28}\ \Phi_{15}^{29}\ \Phi_{3}^{28}$
93753	1408	735	$\frac{31}{735}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{735}^{2}\ \Phi_{245}^{2}\ \Phi_{147}^{2}\ \Phi_{105}\ \Phi_{49}^{2}\ \Phi_{35}^{2}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
93754	1408	1035	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1035}^{2}\ \Phi_{345}\ \Phi_{115}^{2}$
93755	1408	105	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^{20}\ \Phi_{21}^{20}\ \Phi_{15}^{21}\ \Phi_{3}^{20}$
93756	1408	1020	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{340}^{2}\ \Phi_{255}\ \Phi_{170}^{2}\ \Phi_{85}^{2}$
93757	1408	375	$\frac{23}{375}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{375}^{4}\ \Phi_{125}^{4}\ \Phi_{75}^{2}\ \Phi_{25}^{4}\ \Phi_{15}^{3}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
93758	1408	141	$\frac{3}{47}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{3}$	$\Phi_{141}^{15}\ \Phi_{3}^{14}$
93759	1408	420	$\frac{1}{12}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{70}^{4}\ \Phi_{60}^{4}\ \Phi_{42}^{2}\ \Phi_{35}^{4}\ \Phi_{30}^{4}\ \Phi_{28}^{2}\ \Phi_{21}$ $\Phi_{20}^{4}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
93760	1408	588	$\frac{1}{12}$	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{1}{3}$	$\Phi_{588}^{3}\ \Phi_{294}^{3}\ \Phi_{196}^{3}\ \Phi_{147}^{2}\ \Phi_{98}^{3}\ \Phi_{49}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
93761	1408	261	$\frac{7}{87}$	$\frac{1}{9}$	$\frac{10}{87}$	$\frac{1}{3}$	$\Phi_{261}^{6}\ \Phi_{87}^{4}\ \Phi_{29}^{4}\ \Phi_{9}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
93762	1408	705	$\frac{19}{235}$	$\frac{26}{235}$	$\frac{27}{235}$	$\frac{1}{3}$	$\Phi_{705}^{3}\ \Phi_{141}^{3}\ \Phi_{15}^{3}\ \Phi_{3}^{2}$
93763	1408	36	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{36}^{42}\ \Phi_{18}^{42}\ \Phi_{12}^{44}\ \Phi_{9}^{28}\ \Phi_{6}^{44}\ \Phi_{4}^{44}\ \Phi_{3}^{29}\ \Phi_{2}^{44}\ \Phi_{1}^{30}$
93764	1408	378	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{61}{189}$	$\Phi_{378}^{7}\ \Phi_{189}^{4}\ \Phi_{54}^{7}\ \Phi_{27}^{4}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
93765	1408	63	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{5}{21}$	$\frac{19}{63}$	$\Phi_{63}^{32}\ \Phi_{21}^{3}\ \Phi_{9}^{32}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
93766	1408	315	$\frac{3}{35}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{63}$	$\Phi_{315}^{7}\ \Phi_{63}^{4}\ \Phi_{45}^{7}\ \Phi_{35}^{2}\ \Phi_{9}^{4}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
93767	1408	1035	$\frac{1}{23}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{1035}^{2}\ \Phi_{207}^{2}\ \Phi_{115}$
93768	1408	273	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{273}^{7}\ \Phi_{91}^{2}\ \Phi_{39}^{7}\ \Phi_{21}^{4}\ \Phi_{13}^{2}\ \Phi_{7}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
93769	1408	266	$\frac{5}{133}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{266}^{7}\ \Phi_{133}^{4}\ \Phi_{38}^{7}\ \Phi_{19}^{4}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
93770	1408	245	$\frac{3}{35}$	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{245}^{7}\ \Phi_{49}^{4}\ \Phi_{35}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
93771	1408	1905	$\frac{3}{127}$	$\frac{1}{5}$	$\frac{31}{127}$	$\frac{4}{15}$	$\Phi_{1905}\ \Phi_{381}\ \Phi_{127}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
93772	1408	165	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{165}^{9}\ \Phi_{55}^{9}\ \Phi_{33}^{8}\ \Phi_{15}^{5}\ \Phi_{11}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
93773	1408	1725	$\frac{1}{23}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{115}$
93774	1408	1905	$\frac{7}{127}$	$\frac{15}{127}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1905}\ \Phi_{381}\ \Phi_{127}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
93775	1408	765	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{765}^{2}\ \Phi_{255}\ \Phi_{153}^{3}\ \Phi_{85}^{2}\ \Phi_{51}^{2}\ \Phi_{17}^{2}$
93776	1408	516	$\frac{3}{43}$	$\frac{1}{12}$	$\frac{10}{43}$	$\frac{11}{43}$	$\Phi_{516}^{3}\ \Phi_{258}^{3}\ \Phi_{172}^{3}\ \Phi_{129}^{3}\ \Phi_{86}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
93777	1408	201	$\frac{3}{67}$	$\frac{25}{201}$	$\frac{16}{67}$	$\frac{17}{67}$	$\Phi_{201}^{8}\ \Phi_{67}^{5}\ \Phi_{3}^{8}\ \Phi_{1}^{6}$
93778	1408	145	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{7}{29}$	$\Phi_{145}^{9}\ \Phi_{29}^{12}\ \Phi_{5}^{12}\ \Phi_{1}^{16}$
93779	1408	469	$\frac{17}{469}$	$\frac{89}{469}$	$\frac{95}{469}$	$\frac{113}{469}$	$\Phi_{469}^{3}\ \Phi_{67}^{3}\ \Phi_{7}^{3}\ \Phi_{1}^{4}$
93780	1408	1765	$\frac{13}{353}$	$\frac{67}{353}$	$\frac{1}{5}$	$\frac{85}{353}$	Φ_{1765}
93781	1408	335	$\frac{3}{67}$	$\frac{51}{335}$	$\frac{71}{335}$	$\frac{16}{67}$	$\Phi_{335}^{4}\ \Phi_{67}^{5}\ \Phi_{5}^{4}\ \Phi_{1}^{6}$
93782	1408	42	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{5}{21}$	$\Phi_{42}^{42}\ \Phi_{21}^{24}\ \Phi_{14}^{44}\ \Phi_{7}^{25}\ \Phi_{6}^{42}\ \Phi_{3}^{24}\ \Phi_{2}^{44}\ \Phi_{1}^{26}$
93783	1408	105	$\frac{1}{21}$	$\frac{17}{105}$	$\frac{4}{21}$	$\frac{5}{21}$	$\Phi_{105}^{16}\ \Phi_{35}^{16}\ \Phi_{21}^{3}\ \Phi_{15}^{16}\ \Phi_{7}^{3}\ \Phi_{5}^{16}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
93784	1408	1333	$\frac{3}{43}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{10}{43}$	$\Phi_{1333}\ \Phi_{43}^{2}\ \Phi_{31}^{2}\ \Phi_{1}^{4}$
93785	1408	1935	$\frac{3}{43}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{10}{43}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{45}^{2}\ \Phi_{15}^{2}$
93786	1408	469	$\frac{33}{469}$	$\frac{45}{469}$	$\frac{106}{469}$	$\frac{109}{469}$	$\Phi_{469}^{3}\ \Phi_{67}^{3}\ \Phi_{7}^{3}\ \Phi_{1}^{4}$
93787	1408	531	$\frac{13}{177}$	$\frac{1}{9}$	$\frac{34}{177}$	$\frac{41}{177}$	$\Phi_{531}^{3}\ \Phi_{177}^{2}\ \Phi_{59}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
93788	1408	1407	$\frac{115}{1407}$	$\frac{142}{1407}$	$\frac{271}{1407}$	$\frac{323}{1407}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{201}\ \Phi_{67}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
93789	1408	1765	$\frac{29}{353}$	$\frac{34}{353}$	$\frac{1}{5}$	$\frac{81}{353}$	Φ_{1765}
93790	1408	1860	$\frac{1}{12}$	$\frac{3}{31}$	$\frac{1}{5}$	$\frac{7}{31}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{465}\ \Phi_{310}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
93791	1408	516	$\frac{1}{12}$	$\frac{13}{129}$	$\frac{25}{129}$	$\frac{29}{129}$	$\Phi_{516}^{3}\ \Phi_{258}^{3}\ \Phi_{172}^{3}\ \Phi_{129}^{2}\ \Phi_{86}^{3}\ \Phi_{43}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
93792	1408	1407	$\frac{103}{1407}$	$\frac{163}{1407}$	$\frac{274}{1407}$	$\frac{311}{1407}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{201}\ \Phi_{67}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
93793	1408	1765	$\frac{25}{353}$	$\frac{41}{353}$	$\frac{1}{5}$	$\frac{78}{353}$	Φ_{1765}
93794	1408	1190	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{1190}^{2}\ \Phi_{595}\ \Phi_{170}^{2}\ \Phi_{85}^{2}$
93795	1408	70	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{70}^{28}\ \Phi_{35}^{16}\ \Phi_{14}^{16}\ \Phi_{10}^{28}\ \Phi_{7}^{9}\ \Phi_{5}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{10}$
93796	1408	294	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{294}^{7}\ \Phi_{147}^{4}\ \Phi_{98}^{7}\ \Phi_{49}^{4}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
93797	1408	126	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{126}^{14}\ \Phi_{63}^{7}\ \Phi_{42}^{14}\ \Phi_{21}^{7}\ \Phi_{18}^{14}\ \Phi_{14}^{16}\ \Phi_{9}^{14}\ \Phi_{7}^{8}\ \Phi_{6}^{14}\ \Phi_{3}^{14}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
93798	1408	115	$\frac{1}{23}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{115}^{13}\ \Phi_{23}^{12}$
93799	1408	435	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{435}^{3}\ \Phi_{145}^{3}\ \Phi_{87}^{4}\ \Phi_{29}^{4}\ \Phi_{15}^{3}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
93800	1408	180	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{180}^{9}\ \Phi_{90}^{9}\ \Phi_{60}^{6}\ \Phi_{45}^{6}\ \Phi_{36}^{12}\ \Phi_{30}^{6}\ \Phi_{20}^{6}\ \Phi_{18}^{12}\ \Phi_{15}^{3}\ \Phi_{12}^{8}\ \Phi_{10}^{6}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
93801	1409	2560	$\frac{1}{128}$	$\frac{129}{1280}$	$\frac{1151}{2560}$	$\frac{127}{256}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{256}\ \Phi_{1}$
93802	1409	2784	$\frac{17}{1392}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1375}{2784}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
93803	1409	1888	$\frac{7}{472}$	$\frac{1}{8}$	$\frac{479}{1888}$	$\frac{465}{944}$	$\Phi_{1888}\ \Phi_{472}\ \Phi_{236}\ \Phi_{118}\ \Phi_{59}\ \Phi_{32}\ \Phi_{1}$
93804	1409	2772	$\frac{23}{1386}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1363}{2772}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{132}\ \Phi_{84}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{28}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
93805	1409	1892	$\frac{10}{473}$	$\frac{1}{11}$	$\frac{483}{1892}$	$\frac{463}{946}$	$\Phi_{1892}\ \Phi_{473}\ \Phi_{172}\ \Phi_{44}\ \Phi_{43}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
93806	1409	2688	$\frac{1}{32}$	$\frac{65}{1344}$	$\frac{31}{96}$	$\frac{1279}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
93807	1409	1920	$\frac{1}{32}$	$\frac{31}{480}$	$\frac{511}{1920}$	$\frac{449}{960}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
93808	1409	2640	$\frac{1}{44}$	$\frac{89}{1320}$	$\frac{43}{132}$	$\frac{1231}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{132}\ \Phi_{80}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
93809	1409	2640	$\frac{1}{22}$	$\frac{89}{1320}$	$\frac{21}{110}$	$\frac{1231}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{48}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
93810	1409	1716	$\frac{1}{22}$	$\frac{21}{286}$	$\frac{307}{1716}$	$\frac{265}{572}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{429}\ \Phi_{286}\ \Phi_{156}\ \Phi_{143}\ \Phi_{132}\ \Phi_{78}\ \Phi_{66}\ \Phi_{39}\ \Phi_{33}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
93811	1409	1936	$\frac{1}{44}$	$\frac{43}{484}$	$\frac{527}{1936}$	$\frac{441}{968}$	$\Phi_{1936}\ \Phi_{484}\ \Phi_{242}\ \Phi_{176}\ \Phi_{121}\ \Phi_{16}\ \Phi_{1}$
93812	1409	2560	$\frac{1}{32}$	$\frac{129}{1280}$	$\frac{31}{160}$	$\frac{1151}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
93813	1409	1728	$\frac{1}{32}$	$\frac{31}{288}$	$\frac{319}{1728}$	$\frac{257}{576}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
93814	1409	1540	$\frac{1}{22}$	$\frac{131}{1540}$	$\frac{21}{110}$	$\frac{89}{220}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{154}\ \Phi_{140}\ \Phi_{110}\ \Phi_{77}\ \Phi_{70}\ \Phi_{55}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
93815	1409	1600	$\frac{1}{32}$	$\frac{191}{1600}$	$\frac{31}{160}$	$\frac{129}{320}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
93816	1409	2304	$\frac{1}{128}$	$\frac{257}{1152}$	$\frac{127}{384}$	$\frac{895}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
93817	1409	2304	$\frac{1}{32}$	$\frac{31}{288}$	$\frac{257}{1152}$	$\frac{895}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
93818	1409	2288	$\frac{1}{22}$	$\frac{21}{286}$	$\frac{265}{1144}$	$\frac{879}{2288}$	$\Phi_{2288}\ \Phi_{286}\ \Phi_{208}\ \Phi_{176}\ \Phi_{143}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
93819	1409	2048	$\frac{1}{128}$	$\frac{127}{512}$	$\frac{639}{2048}$	$\frac{385}{1024}$	$\Phi_{2048}\ \Phi_{512}\ \Phi_{256}\ \Phi_{1}$
93820	1409	1440	$\frac{31}{1440}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
93821	1409	1452	$\frac{43}{1452}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{484}\ \Phi_{363}\ \Phi_{242}\ \Phi_{132}\ \Phi_{121}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
93822	1409	1536	$\frac{1}{32}$	$\frac{127}{1536}$	$\frac{31}{96}$	$\frac{65}{192}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
93823	1409	1584	$\frac{1}{44}$	$\frac{175}{1584}$	$\frac{43}{132}$	$\frac{89}{264}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{72}\ \Phi_{66}\ \Phi_{48}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
93824	1409	2112	$\frac{1}{176}$	$\frac{175}{528}$	$\frac{703}{2112}$	$\frac{353}{1056}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{66}\ \Phi_{64}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
93825	1409	1980	$\frac{1}{44}$	$\frac{89}{660}$	$\frac{571}{1980}$	$\frac{43}{132}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{198}\ \Phi_{180}\ \Phi_{132}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{45}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
93826	1409	2088	$\frac{17}{696}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{679}{2088}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{522}\ \Phi_{261}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
93827	1409	2016	$\frac{1}{32}$	$\frac{65}{672}$	$\frac{607}{2016}$	$\frac{31}{96}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
93828	1409	2079	$\frac{23}{693}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{670}{2079}$	$\Phi_{2079}\ \Phi_{297}\ \Phi_{189}\ \Phi_{33}\ \Phi_{27}\ \Phi_{3}\ \Phi_{1}$
93829	1409	1848	$\frac{23}{462}$	$\frac{1}{11}$	$\frac{439}{1848}$	$\frac{10}{33}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{56}\ \Phi_{44}\ \Phi_{33}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
93830	1409	1485	$\frac{76}{1485}$	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
93831	1409	1617	$\frac{1}{11}$	$\frac{23}{231}$	$\frac{208}{1617}$	$\frac{10}{33}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{147}\ \Phi_{49}\ \Phi_{33}\ \Phi_{3}\ \Phi_{1}$
93832	1409	1584	$\frac{1}{11}$	$\frac{175}{1584}$	$\frac{23}{198}$	$\frac{10}{33}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{88}\ \Phi_{72}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
93833	1409	1980	$\frac{1}{22}$	$\frac{89}{660}$	$\frac{21}{110}$	$\frac{571}{1980}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{198}\ \Phi_{180}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
93834	1409	1650	$\frac{1}{22}$	$\frac{241}{1650}$	$\frac{21}{110}$	$\frac{89}{330}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{275}\ \Phi_{150}\ \Phi_{110}\ \Phi_{75}\ \Phi_{55}\ \Phi_{50}\ \Phi_{25}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
93835	1409	1920	$\frac{1}{32}$	$\frac{31}{160}$	$\frac{129}{640}$	$\frac{511}{1920}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
93836	1409	1760	$\frac{1}{22}$	$\frac{21}{110}$	$\frac{351}{1760}$	$\frac{89}{440}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{32}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
93837	1410	2248	$\frac{1}{281}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{140}{281}$	$\Phi_{2248}\ \Phi_{281}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
93838	1410	2340	$\frac{1}{234}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{233}{468}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}^{2}\ \Phi_{260}\ \Phi_{180}\ \Phi_{156}^{2}\ \Phi_{60}\ \Phi_{52}^{2}\ \Phi_{36}^{2}\ \Phi_{20}\ \Phi_{12}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
93839	1410	468	$\frac{1}{234}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{233}{468}$	$\Phi_{468}^{2}\ \Phi_{234}^{4}\ \Phi_{156}^{2}\ \Phi_{117}^{4}\ \Phi_{78}^{4}\ \Phi_{52}^{2}\ \Phi_{39}^{4}\ \Phi_{36}^{2}\ \Phi_{26}^{4}\ \Phi_{18}^{4}\ \Phi_{13}^{4}\ \Phi_{12}^{3}\ \Phi_{9}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
93840	1410	628	$\frac{1}{157}$	$\frac{1}{4}$	$\frac{79}{314}$	$\frac{78}{157}$	$\Phi_{628}^{3}\ \Phi_{314}\ \Phi_{157}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
93841	1410	2520	$\frac{1}{140}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{139}{280}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}^{2}\ \Phi_{168}\ \Phi_{120}\ \Phi_{72}\ \Phi_{56}^{2}\ \Phi_{40}^{2}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
93842	1410	840	$\frac{1}{140}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{139}{280}$	$\Phi_{840}^{3}\ \Phi_{280}^{4}\ \Phi_{168}^{3}\ \Phi_{120}^{3}\ \Phi_{56}^{4}\ \Phi_{40}^{4}\ \Phi_{24}^{3}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
93843	1410	2604	$\frac{1}{93}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{46}{93}$	$\Phi_{2604}\ \Phi_{868}\ \Phi_{372}\ \Phi_{124}\ \Phi_{93}\ \Phi_{84}\ \Phi_{31}\ \Phi_{28}^{2}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
93844	1410	651	$\frac{1}{93}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{46}{93}$	$\Phi_{651}^{2}\ \Phi_{217}^{2}\ \Phi_{93}^{3}\ \Phi_{31}^{3}\ \Phi_{21}^{2}\ \Phi_{7}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
93845	1410	372	$\frac{1}{93}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{46}{93}$	$\Phi_{372}^{5}\ \Phi_{186}^{2}\ \Phi_{124}^{5}\ \Phi_{93}^{3}\ \Phi_{62}^{2}\ \Phi_{31}^{3}\ \Phi_{12}^{7}\ \Phi_{6}^{3}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
93846	1410	3248	$\frac{3}{232}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{229}{464}$	$\Phi_{3248}\ \Phi_{112}\ \Phi_{28}\ \Phi_{14}$
93847	1410	1409	$\frac{21}{1409}$	$\frac{143}{1409}$	$\frac{422}{1409}$	$\frac{694}{1409}$	$\Phi_{1409}\ \Phi_{1}^{2}$
93848	1410	1698	$\frac{5}{283}$	$\frac{1}{6}$	$\frac{48}{283}$	$\frac{139}{283}$	$\Phi_{1698}\ \Phi_{849}\ \Phi_{566}$
93849	1410	1409	$\frac{25}{1409}$	$\frac{234}{1409}$	$\frac{239}{1409}$	$\frac{692}{1409}$	$\Phi_{1409}\ \Phi_{1}^{2}$
93850	1410	628	$\frac{3}{157}$	$\frac{16}{157}$	$\frac{1}{4}$	$\frac{77}{157}$	$\Phi_{628}^{3}\ \Phi_{314}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
93851	1410	2668	$\frac{1}{46}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{45}{92}$	$\Phi_{2668}\ \Phi_{116}\ \Phi_{92}^{2}\ \Phi_{29}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
93852	1410	1104	$\frac{1}{46}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{1104}^{2}\ \Phi_{552}^{2}\ \Phi_{276}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
93853	1410	2668	$\frac{1}{46}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{45}{92}$	$\Phi_{2668}\ \Phi_{116}\ \Phi_{92}^{2}\ \Phi_{29}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
93854	1410	1012	$\frac{1}{46}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{45}{92}$	$\Phi_{1012}\ \Phi_{506}^{2}\ \Phi_{253}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{3}\ \Phi_{11}^{2}$
93855	1410	2668	$\frac{1}{46}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{45}{92}$	$\Phi_{2668}\ \Phi_{116}\ \Phi_{92}^{2}\ \Phi_{29}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
93856	1410	1932	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{45}{92}$	$\Phi_{1932}^{2}\ \Phi_{644}\ \Phi_{84}^{2}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
93857	1410	2001	$\frac{1}{29}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{14}{29}$	$\Phi_{2001}\ \Phi_{87}\ \Phi_{69}^{2}\ \Phi_{29}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
93858	1410	2790	$\frac{1}{31}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{2790}\ \Phi_{930}\ \Phi_{558}\ \Phi_{310}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
93859	1410	720	$\frac{2}{45}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{43}{90}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{180}^{2}\ \Phi_{144}^{2}\ \Phi_{120}^{2}\ \Phi_{80}^{3}\ \Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{3}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{3}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
93860	1410	912	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{912}^{2}\ \Phi_{456}^{2}\ \Phi_{304}\ \Phi_{228}^{2}\ \Phi_{152}\ \Phi_{114}^{2}\ \Phi_{76}\ \Phi_{48}^{2}\ \Phi_{38}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
93861	1410	1984	$\frac{1}{31}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{1984}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}$
93862	1410	2728	$\frac{1}{31}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{2728}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}$
93863	1410	336	$\frac{1}{48}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{112}^{4}\ \Phi_{84}^{3}\ \Phi_{56}^{4}\ \Phi_{48}^{6}\ \Phi_{42}^{4}\ \Phi_{28}^{4}\ \Phi_{24}^{6}\ \Phi_{21}^{4}\ \Phi_{16}^{6}\ \Phi_{14}^{4}\ \Phi_{12}^{5}\ \Phi_{8}^{6}\ \Phi_{7}^{4}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
93864	1410	868	$\frac{1}{31}$	$\frac{1}{14}$	$\frac{15}{62}$	$\frac{13}{28}$	$\Phi_{868}^{3}\ \Phi_{124}^{3}\ \Phi_{62}^{2}\ \Phi_{31}\ \Phi_{28}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
93865	1410	630	$\frac{1}{70}$	$\frac{1}{9}$	$\frac{23}{70}$	$\frac{4}{9}$	$\Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{210}^{2}\ \Phi_{126}^{2}\ \Phi_{105}^{2}\ \Phi_{90}^{2}\ \Phi_{70}^{4}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{42}^{2}\ \Phi_{35}^{4}\ \Phi_{30}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{3}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
93866	1410	144	$\frac{1}{48}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{144}^{9}\ \Phi_{72}^{9}\ \Phi_{48}^{12}\ \Phi_{36}^{8}\ \Phi_{24}^{12}\ \Phi_{18}^{8}\ \Phi_{16}^{12}\ \Phi_{12}^{11}\ \Phi_{9}^{9}\ \Phi_{8}^{12}\ \Phi_{6}^{11}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
93867	1410	1305	$\frac{4}{145}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{145}^{2}\ \Phi_{87}\ \Phi_{29}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
93868	1410	1575	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{34}{175}$	$\frac{4}{9}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{225}\ \Phi_{175}^{2}\ \Phi_{75}\ \Phi_{25}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
93869	1410	504	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{9}{56}$	$\frac{4}{9}$	$\Phi_{504}^{3}\ \Phi_{252}^{2}\ \Phi_{168}^{3}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{72}^{3}\ \Phi_{63}^{2}\ \Phi_{56}^{6}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{4}\ \Phi_{24}^{3}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{4}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{6}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
93870	1410	441	$\frac{2}{49}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{441}^{3}\ \Phi_{147}^{3}\ \Phi_{63}^{2}\ \Phi_{49}^{6}\ \Phi_{21}^{2}\ \Phi_{9}^{3}\ \Phi_{7}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
93871	1410	1440	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{19}{160}$	$\frac{4}{9}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{160}^2\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
93872	1410	450	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{450}^3\ \Phi_{225}^3\ \Phi_{150}^3\ \Phi_{90}^2\ \Phi_{75}^3\ \Phi_{50}^6\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{25}^6\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_9^3\ \Phi_6^2\ \Phi_5^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
93873	1410	1386	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{198}\ \Phi_{154}^2\ \Phi_{99}\ \Phi_{77}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
93874	1410	2604	$\frac{1}{31}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{2604}\ \Phi_{868}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}$
93875	1410	1409	$\frac{17}{1409}$	$\frac{189}{1409}$	$\frac{464}{1409}$	$\frac{610}{1409}$	$\Phi_{1409}\ \Phi_1^2$
93876	1410	1488	$\frac{1}{48}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}\ \Phi_{372}\ \Phi_{248}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}$
93877	1410	2480	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{2480}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}$
93878	1410	1409	$\frac{24}{1409}$	$\frac{277}{1409}$	$\frac{281}{1409}$	$\frac{566}{1409}$	$\Phi_{1409}\ \Phi_1^2$
93879	1410	628	$\frac{2}{157}$	$\frac{31}{157}$	$\frac{1}{4}$	$\frac{63}{157}$	$\Phi_{628}^3\ \Phi_{314}^3\ \Phi_4^2\ \Phi_2^2$
93880	1410	1185	$\frac{2}{237}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1185}\ \Phi_{395}\ \Phi_{237}^2\ \Phi_{79}^2\ \Phi_5\ \Phi_1^2$
93881	1410	1755	$\frac{1}{117}$	$\frac{1}{5}$	$\frac{116}{351}$	$\frac{2}{5}$	$\Phi_{1755}\ \Phi_{351}^2\ \Phi_{135}\ \Phi_{27}^2\ \Phi_5\ \Phi_1^2$
93882	1410	1560	$\frac{1}{78}$	$\frac{1}{5}$	$\frac{77}{312}$	$\frac{2}{5}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{312}^2\ \Phi_{260}\ \Phi_{156}^2\ \Phi_{120}\ \Phi_{104}^2\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
93883	1410	585	$\frac{2}{117}$	$\frac{23}{117}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{585}^2\ \Phi_{195}^2\ \Phi_{117}^4\ \Phi_{65}^2\ \Phi_{45}^2\ \Phi_{39}^4\ \Phi_{15}^2\ \Phi_{13}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^6$
93884	1410	240	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{60}^5\ \Phi_{48}^{10}\ \Phi_{40}^5\ \Phi_{30}^4\ \Phi_{24}^{10}\ \Phi_{20}^5\ \Phi_{16}^{10}\ \Phi_{15}^4\ \Phi_{12}^{10}\ \Phi_{10}^4\ \Phi_8^{10}\ \Phi_6^8\ \Phi_5^5\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
93885	1410	1365	$\frac{1}{39}$	$\frac{38}{273}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}^2\ \Phi_{105}\ \Phi_{91}^2\ \Phi_{35}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
93886	1410	1215	$\frac{8}{243}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}^2\ \Phi_{135}\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_5\ \Phi_1^2$
93887	1410	260	$\frac{1}{26}$	$\frac{5}{52}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{260}^5\ \Phi_{130}^4\ \Phi_{65}^4\ \Phi_{52}^{10}\ \Phi_{26}^8\ \Phi_{20}^5\ \Phi_{13}^8\ \Phi_{10}^4\ \Phi_5^5\ \Phi_4^{10}\ \Phi_2^8\ \Phi_1^{10}$
93888	1410	1235	$\frac{12}{247}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1235}\ \Phi_{247}^2\ \Phi_{95}\ \Phi_{19}^2\ \Phi_5\ \Phi_1^2$
93889	1410	1260	$\frac{1}{18}$	$\frac{17}{252}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{63}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
93890	1410	400	$\frac{3}{50}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{400}^4\ \Phi_{200}^4\ \Phi_{100}^4\ \Phi_{80}^3\ \Phi_{50}^2\ \Phi_{40}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
93891	1410	304	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{9}{38}$	$\frac{29}{76}$	$\Phi_{304}^5\ \Phi_{152}^5\ \Phi_{76}^3\ \Phi_{38}^5\ \Phi_{19}^4\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
93892	1410	1704	$\frac{1}{142}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1704}^2\ \Phi_{426}\ \Phi_{213}\ \Phi_{24}\ \Phi_6$
93893	1410	2248	$\frac{2}{281}$	$\frac{1}{4}$	$\frac{93}{281}$	$\frac{3}{8}$	$\Phi_{2248}\ \Phi_{281}\ \Phi_8^2\ \Phi_1^2$
93894	1410	760	$\frac{1}{95}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{760}^3\ \Phi_{380}\ \Phi_{190}\ \Phi_{152}^3\ \Phi_{76}\ \Phi_{40}^3\ \Phi_{38}\ \Phi_{20}\ \Phi_{10}$
93895	1410	2248	$\frac{5}{281}$	$\frac{46}{281}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2248}\ \Phi_{281}\ \Phi_8^2\ \Phi_1^2$
93896	1410	336	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^5\ \Phi_{84}^5\ \Phi_{56}^4\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_7^4$
93897	1410	1409	$\frac{19}{1409}$	$\frac{278}{1409}$	$\frac{377}{1409}$	$\frac{516}{1409}$	$\Phi_{1409}\ \Phi_1^2$
93898	1410	1488	$\frac{1}{48}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}\ \Phi_{372}\ \Phi_{248}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}$
93899	1410	2232	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{372}\ \Phi_{248}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}$
93900	1410	1409	$\frac{26}{1409}$	$\frac{187}{1409}$	$\frac{461}{1409}$	$\frac{474}{1409}$	$\Phi_{1409}\ \Phi_1^2$
93901	1410	2478	$\frac{1}{59}$	$\frac{1}{7}$	$\frac{58}{177}$	$\frac{119}{354}$	$\Phi_{2478}\ \Phi_{826}\ \Phi_{413}\ \Phi_{42}\ \Phi_{14}$
93902	1410	1698	$\frac{4}{283}$	$\frac{1}{6}$	$\frac{93}{283}$	$\frac{95}{283}$	$\Phi_{1698}\ \Phi_{849}\ \Phi_{566}$
93903	1410	948	$\frac{2}{237}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{948}^2\ \Phi_{474}^2\ \Phi_{316}^2\ \Phi_{158}^2\ \Phi_{12}\ \Phi_6$
93904	1410	1404	$\frac{1}{117}$	$\frac{1}{4}$	$\frac{116}{351}$	$\frac{1}{3}$	$\Phi_{1404}^2\ \Phi_{702}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{12}\ \Phi_6$
93905	1410	210	$\frac{1}{70}$	$\frac{1}{6}$	$\frac{23}{70}$	$\frac{1}{3}$	$\Phi_{210}^6\ \Phi_{105}^6\ \Phi_{70}^8\ \Phi_{42}^6\ \Phi_{35}^8\ \Phi_{30}^6\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_7^8\ \Phi_6^8\ \Phi_5^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
93906	1410	2118	$\frac{13}{706}$	$\frac{95}{706}$	$\frac{231}{706}$	$\frac{1}{3}$	$\Phi_{2118}\ \Phi_{1059}\ \Phi_{6}$
93907	1410	1104	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}^2\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{48}^2\ \Phi_{46}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{2}^2$
93908	1410	336	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{48}^6\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^6\ \Phi_{21}^2\ \Phi_{16}^6\ \Phi_{14}^4\ \Phi_{12}^6\ \Phi_{8}^6\ \Phi_{7}^4\ \Phi_{6}^6\ \Phi_{4}^6\ \Phi_{3}^3\ \Phi_{2}^6\ \Phi_{1}^6$
93909	1410	2118	$\frac{11}{706}$	$\frac{139}{706}$	$\frac{189}{706}$	$\frac{1}{3}$	$\Phi_{2118}\ \Phi_{1059}\ \Phi_{6}$
93910	1410	312	$\frac{1}{78}$	$\frac{77}{312}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{312}^6\ \Phi_{156}^2\ \Phi_{104}^6\ \Phi_{78}^4\ \Phi_{52}^2\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{24}^6\ \Phi_{13}^4\ \Phi_{12}^3\ \Phi_{8}^6\ \Phi_{6}^5\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
93911	1410	1908	$\frac{7}{477}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{636}\ \Phi_{318}\ \Phi_{212}\ \Phi_{106}\ \Phi_{12}\ \Phi_{6}$
93912	1410	468	$\frac{2}{117}$	$\frac{23}{117}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{36}^4\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{12}^5\ \Phi_{6}^5\ \Phi_{4}^4\ \Phi_{2}^4$
93913	1410	48	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{48}^{30}\ \Phi_{24}^{30}\ \Phi_{16}^{30}\ \Phi_{12}^{27}\ \Phi_{8}^{30}\ \Phi_{6}^{29}\ \Phi_{4}^{26}\ \Phi_{3}^{28}\ \Phi_{2}^{28}\ \Phi_{1}^{28}$
93914	1410	1092	$\frac{1}{39}$	$\frac{38}{273}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{6}$
93915	1410	972	$\frac{8}{243}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{12}\ \Phi_{6}$
93916	1410	156	$\frac{1}{26}$	$\frac{5}{52}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^{13}\ \Phi_{78}^{14}\ \Phi_{39}^{14}\ \Phi_{12}^{14}\ \Phi_{6}^{15}\ \Phi_{3}^{14}$
93917	1410	2964	$\frac{12}{247}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2964}\ \Phi_{1482}\ \Phi_{228}\ \Phi_{114}\ \Phi_{12}\ \Phi_{6}$
93918	1410	2028	$\frac{2}{39}$	$\frac{37}{507}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{676}\ \Phi_{338}\ \Phi_{12}\ \Phi_{6}$
93919	1410	252	$\frac{1}{18}$	$\frac{17}{252}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^6\ \Phi_{63}^6\ \Phi_{42}^6\ \Phi_{36}^2\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{18}^4\ \Phi_{14}^6\ \Phi_{12}^3\ \Phi_{9}^4\ \Phi_{7}^6\ \Phi_{6}^5\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
93920	1410	1674	$\frac{1}{31}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1674}\ \Phi_{837}\ \Phi_{558}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
93921	1410	1860	$\frac{1}{31}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{372}\ \Phi_{310}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}$
93922	1410	870	$\frac{4}{145}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{870}^2\ \Phi_{435}\ \Phi_{290}^2\ \Phi_{174}^2\ \Phi_{145}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
93923	1410	1050	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{34}{175}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
93924	1410	168	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{168}^9\ \Phi_{84}^6\ \Phi_{56}^{12}\ \Phi_{42}^6\ \Phi_{28}^8\ \Phi_{24}^9\ \Phi_{21}^6\ \Phi_{14}^8\ \Phi_{12}^6\ \Phi_{8}^{12}\ \Phi_{7}^8\ \Phi_{6}^8\ \Phi_{4}^8\ \Phi_{3}^7\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
93925	1410	294	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{294}^6\ \Phi_{147}^3\ \Phi_{98}^6\ \Phi_{49}^6\ \Phi_{42}^4\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_{7}^4\ \Phi_{6}^6\ \Phi_{3}^3\ \Phi_{2}^6\ \Phi_{1}^6$
93926	1410	480	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^4\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^4\ \Phi_{48}^3\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{24}^3\ \Phi_{16}^4\ \Phi_{8}^4\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
93927	1410	150	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{150}^9\ \Phi_{75}^9\ \Phi_{50}^{12}\ \Phi_{30}^6\ \Phi_{25}^{12}\ \Phi_{15}^6\ \Phi_{10}^8\ \Phi_{6}^8\ \Phi_{5}^8\ \Phi_{3}^7\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
93928	1410	462	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{462}^3\ \Phi_{231}^3\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
93929	1410	2436	$\frac{3}{116}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{113}{348}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{609}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
93930	1410	2001	$\frac{1}{23}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{22}{69}$	$\Phi_{2001}\ \Phi_{87}\ \Phi_{69}^2\ \Phi_{29}\ \Phi_{3}^2\ \Phi_{1}^2$
93931	1410	3036	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{22}{69}$	$\Phi_{3036}\ \Phi_{1518}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{22}$
93932	1410	2001	$\frac{1}{23}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{22}{69}$	$\Phi_{2001}\ \Phi_{87}\ \Phi_{69}^2\ \Phi_{29}\ \Phi_{3}^2\ \Phi_{1}^2$
93933	1410	966	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{22}{69}$	$\Phi_{966}^2\ \Phi_{483}\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{42}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{7}^2$
93934	1410	2160	$\frac{1}{16}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{135}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{108}\ \Phi_{80}\ \Phi_{54}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
93935	1410	434	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{15}{62}$	$\frac{2}{7}$	$\Phi_{434}^4\ \Phi_{217}^2\ \Phi_{62}^6\ \Phi_{31}^3\ \Phi_{14}^4\ \Phi_{7}^4\ \Phi_{2}^6\ \Phi_{1}^6$
93936	1410	1680	$\frac{1}{16}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
93937	1410	372	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{15}{62}$	$\frac{1}{4}$	$\Phi_{372}^6\ \Phi_{186}^3\ \Phi_{124}^3\ \Phi_{93}^3\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{12}^8\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^2$
93938	1410	240	$\frac{1}{16}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^7\ \Phi_{60}^4\ \Phi_{48}^6\ \Phi_{40}^7\ \Phi_{30}^4\ \Phi_{24}^6\ \Phi_{20}^5\ \Phi_{16}^6\ \Phi_{15}^6\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_{8}^6\ \Phi_{6}^4\ \Phi_{5}^6\ \Phi_{4}^4\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
93939	1411	2256	$\frac{1}{282}$	$\frac{283}{1128}$	$\frac{845}{2256}$	$\frac{281}{564}$	$\Phi_{2256}\ \Phi_{752}\ \Phi_{564}\ \Phi_{188}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
93940	1411	1884	$\frac{2}{471}$	$\frac{473}{1884}$	$\frac{1}{3}$	$\frac{469}{942}$	$\Phi_{1884}\ \Phi_{628}\ \Phi_{471}\ \Phi_{157}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
93941	1411	2808	$\frac{7}{1404}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1397}{2808}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{312}\ \Phi_{216}\ \Phi_{104}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
93942	1411	2808	$\frac{7}{1404}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1397}{2808}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{312}\ \Phi_{216}\ \Phi_{104}\ \Phi_{72}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
93943	1411	2800	$\frac{11}{1400}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1389}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{112}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
93944	1411	2632	$\frac{1}{94}$	$\frac{95}{1316}$	$\frac{1221}{2632}$	$\frac{93}{188}$	$\Phi_{2632}\ \Phi_{376}\ \Phi_{188}\ \Phi_{56}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
93945	1411	1312	$\frac{1}{82}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{81}{164}$	$\Phi_{1312}^{2}\ \Phi_{164}\ \Phi_{32}^{3}\ \Phi_{4}\ \Phi_{1}$
93946	1411	984	$\frac{1}{82}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{81}{164}$	$\Phi_{984}^{2}\ \Phi_{492}^{2}\ \Phi_{246}^{2}\ \Phi_{164}\ \Phi_{123}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
93947	1411	820	$\frac{1}{82}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{81}{164}$	$\Phi_{820}^{2}\ \Phi_{410}^{2}\ \Phi_{205}^{2}\ \Phi_{164}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
93948	1411	2784	$\frac{19}{1392}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1373}{2784}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
93949	1411	2760	$\frac{31}{1380}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{1349}{2760}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{184}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
93950	1411	162	$\frac{2}{81}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{162}^{8}\ \Phi_{81}^{9}\ \Phi_{54}^{8}\ \Phi_{27}^{9}\ \Phi_{18}^{10}\ \Phi_{9}^{11}\ \Phi_{6}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
93951	1411	1008	$\frac{1}{28}$	$\frac{1}{18}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{1008}^{2}\ \Phi_{336}^{2}\ \Phi_{252}^{2}\ \Phi_{144}^{2}\ \Phi_{126}^{2}\ \Phi_{112}\ \Phi_{84}^{2}\ \Phi_{63}^{2}\ \Phi_{48}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{28}\ \Phi_{21}^{2}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
93952	1411	1440	$\frac{3}{80}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{1440}^{2}\ \Phi_{480}^{2}\ \Phi_{288}^{2}\ \Phi_{160}\ \Phi_{96}^{2}\ \Phi_{36}^{2}\ \Phi_{32}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
93953	1411	2700	$\frac{1}{30}$	$\frac{61}{1350}$	$\frac{29}{90}$	$\frac{1289}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{180}\ \Phi_{108}\ \Phi_{100}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
93954	1411	2700	$\frac{61}{1350}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{1289}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{180}\ \Phi_{108}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
93955	1411	1710	$\frac{14}{285}$	$\frac{1}{15}$	$\frac{299}{1710}$	$\frac{271}{570}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{342}\ \Phi_{285}\ \Phi_{171}\ \Phi_{95}\ \Phi_{90}\ \Phi_{57}\ \Phi_{45}\ \Phi_{19}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
93956	1411	1920	$\frac{1}{30}$	$\frac{29}{480}$	$\frac{509}{1920}$	$\frac{451}{960}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
93957	1411	3936	$\frac{1}{41}$	$\frac{1}{16}$	$\frac{40}{123}$	$\frac{15}{32}$	$\Phi_{3936}\ \Phi_{123}\ \Phi_{96}\ \Phi_{32}\ \Phi_{3}\ \Phi_{1}$
93958	1411	468	$\frac{1}{18}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{73}{156}$	$\Phi_{468}^{6}\ \Phi_{156}^{5}\ \Phi_{52}^{5}\ \Phi_{36}^{6}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
93959	1411	2640	$\frac{1}{30}$	$\frac{91}{1320}$	$\frac{29}{120}$	$\frac{1229}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
93960	1411	1386	$\frac{1}{18}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{154}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{198}\ \Phi_{126}^{2}\ \Phi_{99}\ \Phi_{77}\ \Phi_{66}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{33}\ \Phi_{21}^{2}\ \Phi_{18}\ \Phi_{14}\ \Phi_{11}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
93961	1411	288	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{11}{24}$	$\Phi_{288}^{6}\ \Phi_{144}^{6}\ \Phi_{96}^{5}\ \Phi_{48}^{5}\ \Phi_{36}^{6}\ \Phi_{32}^{5}\ \Phi_{18}^{5}\ \Phi_{16}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
93962	1411	2100	$\frac{11}{700}$	$\frac{1}{10}$	$\frac{689}{2100}$	$\frac{9}{20}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{105}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
93963	1411	1440	$\frac{29}{1440}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
93964	1411	1680	$\frac{11}{280}$	$\frac{1}{10}$	$\frac{269}{1680}$	$\frac{9}{20}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
93965	1411	1600	$\frac{11}{200}$	$\frac{1}{10}$	$\frac{189}{1600}$	$\frac{9}{20}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
93966	1411	1500	$\frac{89}{1500}$	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{9}{20}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}\ \Phi_{250}\ \Phi_{150}\ \Phi_{125}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
93967	1411	1540	$\frac{11}{140}$	$\frac{129}{1540}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{110}\ \Phi_{77}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
93968	1411	2520	$\frac{1}{30}$	$\frac{151}{1260}$	$\frac{29}{180}$	$\frac{1109}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{180}\ \Phi_{168}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
93969	1411	420	$\frac{1}{84}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{5}\ \Phi_{70}^{3}\ \Phi_{60}^{3}\ \Phi_{42}^{5}\ \Phi_{35}^{3}\ \Phi_{30}^{2}\ \Phi_{28}^{5}\ \Phi_{21}^{5}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{14}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
93970	1411	90	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{2}{15}$	$\frac{13}{30}$	$\Phi_{90}^{17}\ \Phi_{45}^{17}\ \Phi_{30}^{10}\ \Phi_{18}^{17}\ \Phi_{15}^{16}\ \Phi_{10}^{10}\ \Phi_{9}^{17}\ \Phi_{6}^{10}\ \Phi_{5}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{10}\ \Phi_{1}^{17}$
93971	1411	144	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{144}$	$\Phi_{144}^{17}\ \Phi_{48}^{17}\ \Phi_{36}^{6}\ \Phi_{18}^{5}\ \Phi_{16}^{17}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
93972	1411	168	$\frac{1}{84}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{168}^{12}\ \Phi_{84}^{5}\ \Phi_{56}^{12}\ \Phi_{42}^{5}\ \Phi_{28}^{5}\ \Phi_{24}^{11}\ \Phi_{21}^{5}\ \Phi_{14}^{5}\ \Phi_{12}^{5}\ \Phi_{8}^{11}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
93973	1411	1872	$\frac{7}{468}$	$\frac{1}{6}$	$\frac{461}{1872}$	$\frac{5}{12}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{144}\ \Phi_{104}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
93974	1411	1440	$\frac{29}{1440}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
93975	1411	1560	$\frac{7}{156}$	$\frac{149}{1560}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
93976	1411	1512	$\frac{7}{108}$	$\frac{101}{1512}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
93977	1411	2400	$\frac{1}{30}$	$\frac{29}{240}$	$\frac{211}{1200}$	$\frac{989}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
93978	1411	1260	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{57}{140}$	$\Phi_{1260}^{2}\ \Phi_{420}^{2}\ \Phi_{252}^{2}\ \Phi_{180}^{2}\ \Phi_{140}^{2}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{63}^{2}\ \Phi_{60}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{28}\ \Phi_{21}^{2}\ \Phi_{20}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
93979	1411	1500	$\frac{89}{1500}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{61}{150}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}\ \Phi_{250}\ \Phi_{125}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
93980	1411	1440	$\frac{29}{1440}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
93981	1411	1422	$\frac{11}{1422}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1422}\ \Phi_{711}\ \Phi_{474}\ \Phi_{237}\ \Phi_{158}\ \Phi_{79}\ \Phi_{9}\ \Phi_{1}$
93982	1411	2280	$\frac{14}{285}$	$\frac{1}{15}$	$\frac{271}{1140}$	$\frac{869}{2280}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{285}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{57}\ \Phi_{40}\ \Phi_{24}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
93983	1411	792	$\frac{1}{18}$	$\frac{5}{88}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{99}^{2}\ \Phi_{88}\ \Phi_{66}^{2}\ \Phi_{44}\ \Phi_{36}^{2}\ \Phi_{33}^{2}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
93984	1411	2256	$\frac{1}{94}$	$\frac{93}{376}$	$\frac{283}{1128}$	$\frac{845}{2256}$	$\Phi_{2256}\ \Phi_{752}\ \Phi_{376}\ \Phi_{188}\ \Phi_{48}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
93985	1411	2160	$\frac{1}{30}$	$\frac{29}{360}$	$\frac{331}{1080}$	$\frac{749}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
93986	1411	126	$\frac{1}{21}$	$\frac{1}{18}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{126}^{11}\ \Phi_{63}^{12}\ \Phi_{42}^{11}\ \Phi_{21}^{11}\ \Phi_{18}^{10}\ \Phi_{14}^{11}\ \Phi_{9}^{11}\ \Phi_{7}^{11}\ \Phi_{6}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
93987	1411	2124	$\frac{5}{354}$	$\frac{1}{6}$	$\frac{349}{1062}$	$\frac{713}{2124}$	$\Phi_{2124}\ \Phi_{708}\ \Phi_{354}\ \Phi_{236}\ \Phi_{177}\ \Phi_{118}\ \Phi_{59}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
93988	1411	2106	$\frac{7}{702}$	$\frac{2}{9}$	$\frac{695}{2106}$	$\frac{1}{3}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{162}\ \Phi_{81}\ \Phi_{9}\ \Phi_{1}$
93989	1411	1431	$\frac{20}{1431}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1431}\ \Phi_{477}\ \Phi_{159}\ \Phi_{53}\ \Phi_{9}\ \Phi_{1}$
93990	1411	1872	$\frac{7}{468}$	$\frac{2}{9}$	$\frac{461}{1872}$	$\frac{1}{3}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{144}\ \Phi_{104}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
93991	1411	108	$\frac{1}{18}$	$\frac{2}{27}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{108}^{17}\ \Phi_{54}^{8}\ \Phi_{36}^{17}\ \Phi_{27}^{9}\ \Phi_{18}^{10}\ \Phi_{12}^{17}\ \Phi_{9}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{17}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
93992	1411	1755	$\frac{7}{351}$	$\frac{344}{1755}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{195}\ \Phi_{135}\ \Phi_{65}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
93993	1411	1440	$\frac{29}{1440}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
93994	1411	1638	$\frac{7}{234}$	$\frac{227}{1638}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{182}\ \Phi_{126}\ \Phi_{91}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
93995	1411	1458	$\frac{47}{1458}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1458}\ \Phi_{729}\ \Phi_{486}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{9}\ \Phi_{1}$
93996	1411	90	$\frac{1}{18}$	$\frac{7}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{90}^{17}\ \Phi_{45}^{17}\ \Phi_{30}^{17}\ \Phi_{18}^{10}\ \Phi_{15}^{17}\ \Phi_{10}^{17}\ \Phi_{9}^{11}\ \Phi_{6}^{10}\ \Phi_{5}^{17}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
93997	1411	1521	$\frac{7}{117}$	$\frac{110}{1521}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1521}\ \Phi_{507}\ \Phi_{169}\ \Phi_{9}\ \Phi_{1}$
93998	1411	1512	$\frac{7}{108}$	$\frac{101}{1512}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
93999	1411	984	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{40}{123}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{328}^{2}\ \Phi_{246}\ \Phi_{164}^{2}\ \Phi_{123}^{2}\ \Phi_{82}^{2}\ \Phi_{41}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
94000	1411	2460	$\frac{1}{41}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{40}{123}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{615}\ \Phi_{123}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
94001	1411	2088	$\frac{19}{696}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{677}{2088}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{522}\ \Phi_{261}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
94002	1411	1620	$\frac{1}{30}$	$\frac{209}{1620}$	$\frac{61}{270}$	$\frac{29}{90}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{162}\ \Phi_{108}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
94003	1411	1800	$\frac{1}{30}$	$\frac{61}{450}$	$\frac{389}{1800}$	$\frac{29}{90}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
94004	1411	360	$\frac{1}{18}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^3\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^3\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}^6\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{18}^5\ \Phi_{15}^3\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_{9}^5\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{5}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
94005	1411	108	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{108}^{17}\ \Phi_{54}^{17}\ \Phi_{36}^6\ \Phi_{27}^{17}\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_{9}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
94006	1411	2025	$\frac{1}{15}$	$\frac{61}{675}$	$\frac{14}{75}$	$\frac{614}{2025}$	$\Phi_{2025}\ \Phi_{405}\ \Phi_{81}\ \Phi_{75}\ \Phi_{25}\ \Phi_{1}$
94007	1411	1575	$\frac{1}{15}$	$\frac{164}{1575}$	$\frac{14}{75}$	$\frac{61}{225}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{63}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
94008	1411	288	$\frac{1}{18}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{288}^6\ \Phi_{144}^4\ \Phi_{96}^5\ \Phi_{72}^4\ \Phi_{48}^3\ \Phi_{36}^6\ \Phi_{32}^5\ \Phi_{24}^3\ \Phi_{18}^5\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_{9}^5\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
94009	1411	900	$\frac{1}{18}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{100}\ \Phi_{75}^2\ \Phi_{50}\ \Phi_{36}^2\ \Phi_{25}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
94010	1411	1800	$\frac{1}{15}$	$\frac{61}{450}$	$\frac{14}{75}$	$\frac{389}{1800}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
94011	1412	2112	$\frac{1}{352}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{351}{704}$	$\Phi_{2112}\ \Phi_{704}^2\ \Phi_{192}\ \Phi_{64}^2\ \Phi_{3}\ \Phi_{1}^2$
94012	1412	3510	$\frac{2}{351}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{349}{702}$	$\Phi_{3510}\ \Phi_{1170}\ \Phi_{390}\ \Phi_{270}\ \Phi_{130}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
94013	1412	2360	$\frac{1}{118}$	$\frac{1}{5}$	$\frac{119}{472}$	$\frac{117}{236}$	$\Phi_{2360}\ \Phi_{590}\ \Phi_{295}\ \Phi_{40}\ \Phi_{10}$
94014	1412	2100	$\frac{3}{350}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{347}{700}$	$\Phi_{2100}^2\ \Phi_{420}^2\ \Phi_{300}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{21}\ \Phi_{12}^2$
94015	1412	1212	$\frac{1}{101}$	$\frac{51}{404}$	$\frac{1}{3}$	$\frac{50}{101}$	$\Phi_{1212}^2\ \Phi_{606}^2\ \Phi_{303}\ \Phi_{12}^2\ \Phi_{6}^2$
94016	1412	664	$\frac{1}{83}$	$\frac{21}{332}$	$\frac{311}{664}$	$\frac{41}{83}$	$\Phi_{664}^4\ \Phi_{83}\ \Phi_{8}^4\ \Phi_{1}^2$
94017	1412	498	$\frac{1}{83}$	$\frac{21}{166}$	$\frac{145}{498}$	$\frac{41}{83}$	$\Phi_{498}^4\ \Phi_{249}^4\ \Phi_{83}\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{1}^2$
94018	1412	415	$\frac{1}{83}$	$\frac{62}{415}$	$\frac{21}{83}$	$\frac{41}{83}$	$\Phi_{415}^4\ \Phi_{83}\ \Phi_{5}^4\ \Phi_{1}^2$
94019	1412	697	$\frac{9}{697}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{344}{697}$	$\Phi_{697}^2\ \Phi_{41}^2\ \Phi_{17}^3\ \Phi_{1}^4$
94020	1412	3480	$\frac{5}{348}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{343}{696}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{120}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
94021	1412	1377	$\frac{35}{1377}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{671}{1377}$	$\Phi_{1377}\ \Phi_{459}\ \Phi_{153}\ \Phi_{81}\ \Phi_{51}^2\ \Phi_{27}\ \Phi_{17}\ \Phi_{9}\ \Phi_{3}^2\ \Phi_{1}^2$
94022	1412	476	$\frac{4}{119}$	$\frac{1}{17}$	$\frac{123}{476}$	$\frac{115}{238}$	$\Phi_{476}^4\ \Phi_{119}^4\ \Phi_{68}^4\ \Phi_{28}^4\ \Phi_{17}^3\ \Phi_{7}^4\ \Phi_{4}^4\ \Phi_{1}^4$
94023	1412	680	$\frac{13}{340}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{327}{680}$	$\Phi_{680}^4\ \Phi_{136}^4\ \Phi_{40}^4\ \Phi_{17}^3\ \Phi_{8}^4\ \Phi_{1}^4$
94024	1412	663	$\frac{1}{17}$	$\frac{43}{663}$	$\frac{8}{51}$	$\frac{310}{663}$	$\Phi_{663}^2\ \Phi_{221}^2\ \Phi_{51}^4\ \Phi_{39}^2\ \Phi_{17}^3\ \Phi_{13}^2\ \Phi_{3}^4\ \Phi_{1}^4$
94025	1412	408	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{55}{408}$	$\frac{47}{102}$	$\Phi_{408}^4\ \Phi_{204}^4\ \Phi_{136}^4\ \Phi_{68}^4\ \Phi_{51}^4\ \Phi_{24}^4\ \Phi_{17}^3\ \Phi_{12}^4\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{1}^4$
94026	1412	1309	$\frac{1}{17}$	$\frac{103}{1309}$	$\frac{16}{119}$	$\frac{603}{1309}$	$\Phi_{1309}\ \Phi_{187}\ \Phi_{119}^2\ \Phi_{77}\ \Phi_{17}\ \Phi_{11}\ \Phi_{7}^2\ \Phi_{1}^2$
94027	1412	1245	$\frac{1}{83}$	$\frac{167}{1245}$	$\frac{82}{249}$	$\frac{539}{1245}$	$\Phi_{1245}\ \Phi_{415}\ \Phi_{249}^2\ \Phi_{83}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
94028	1412	357	$\frac{4}{357}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{357}^4\ \Phi_{119}^4\ \Phi_{51}^4\ \Phi_{21}^3\ \Phi_{17}^4\ \Phi_{7}^4\ \Phi_{3}^2\ \Phi_{1}^4$
94029	1412	612	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{47}{306}$	$\frac{259}{612}$	$\Phi_{612}^4\ \Phi_{204}^4\ \Phi_{68}^4\ \Phi_{51}^4\ \Phi_{36}^4\ \Phi_{17}^3\ \Phi_{12}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{1}^4$
94030	1412	498	$\frac{1}{83}$	$\frac{41}{249}$	$\frac{145}{498}$	$\frac{104}{249}$	$\Phi_{498}^4\ \Phi_{249}^2\ \Phi_{166}^4\ \Phi_{83}\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^2$
94031	1412	606	$\frac{1}{101}$	$\frac{50}{303}$	$\frac{1}{3}$	$\frac{253}{606}$	$\Phi_{606}^4\ \Phi_{303}\ \Phi_{202}^4\ \Phi_{6}^4\ \Phi_{2}^4$
94032	1412	360	$\frac{7}{360}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^3\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{9}^4\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
94033	1412	357	$\frac{4}{357}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{357}^4\ \Phi_{119}^4\ \Phi_{51}^4\ \Phi_{21}^4\ \Phi_{17}^3\ \Phi_{7}^4\ \Phi_{3}^4\ \Phi_{1}^4$
94034	1412	595	$\frac{1}{17}$	$\frac{8}{119}$	$\frac{111}{595}$	$\frac{242}{595}$	$\Phi_{595}^2\ \Phi_{119}^4\ \Phi_{85}^2\ \Phi_{35}^2\ \Phi_{17}^3\ \Phi_{7}^4\ \Phi_{5}^2\ \Phi_{1}^4$
94035	1412	590	$\frac{1}{59}$	$\frac{58}{295}$	$\frac{1}{5}$	$\frac{237}{590}$	$\Phi_{590}^4\ \Phi_{295}\ \Phi_{118}^4\ \Phi_{10}^4\ \Phi_{2}^4$
94036	1412	374	$\frac{21}{374}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{374}^4\ \Phi_{187}^4\ \Phi_{22}^4\ \Phi_{17}^3\ \Phi_{11}^4\ \Phi_{1}^4$
94037	1412	1071	$\frac{16}{357}$	$\frac{1}{17}$	$\frac{341}{1071}$	$\frac{365}{1071}$	$\Phi_{1071}\ \Phi_{357}^2\ \Phi_{153}\ \Phi_{119}^2\ \Phi_{63}\ \Phi_{51}^2\ \Phi_{21}^2\ \Phi_{17}\ \Phi_{9}\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
94038	1412	528	$\frac{1}{176}$	$\frac{175}{528}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^2\ \Phi_{132}^3\ \Phi_{88}^2\ \Phi_{66}^3\ \Phi_{48}^3\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
94039	1412	1068	$\frac{3}{356}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1068}\ \Phi_{534}\ \Phi_{356}^2\ \Phi_{267}\ \Phi_{178}^2\ \Phi_{89}^2\ \Phi_3\ \Phi_1^2$
94040	1412	1320	$\frac{1}{88}$	$\frac{87}{440}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}^2\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}^2\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
94041	1412	360	$\frac{7}{360}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_9^4\ \Phi_8^2\ \Phi_6^3\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
94042	1412	396	$\frac{1}{44}$	$\frac{43}{396}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^3\ \Phi_{99}^4\ \Phi_{66}^3\ \Phi_{44}^2\ \Phi_{36}^4\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_9^4\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
94043	1412	363	$\frac{10}{363}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{363}^4\ \Phi_{121}^4\ \Phi_{33}^3\ \Phi_{11}^2\ \Phi_3^4\ \Phi_1^4$
94044	1412	384	$\frac{1}{32}$	$\frac{31}{384}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{384}^4\ \Phi_{192}^4\ \Phi_{128}^4\ \Phi_{96}^3\ \Phi_{64}^4\ \Phi_{48}^3\ \Phi_{32}^2\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
94045	1412	1104	$\frac{15}{368}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}^2\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_3\ \Phi_1^2$
94046	1412	1122	$\frac{1}{22}$	$\frac{21}{374}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{374}^2\ \Phi_{187}^2\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_3\ \Phi_1^2$
94047	1412	909	$\frac{1}{101}$	$\frac{203}{909}$	$\frac{100}{303}$	$\frac{1}{3}$	$\Phi_{909}^2\ \Phi_{303}\ \Phi_9^2$
94048	1412	525	$\frac{3}{175}$	$\frac{1}{7}$	$\frac{172}{525}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{175}^4\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{35}^4\ \Phi_{25}^4\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_7^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
94049	1412	2340	$\frac{2}{117}$	$\frac{1}{5}$	$\frac{115}{468}$	$\frac{1}{3}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{180}\ \Phi_{130}\ \Phi_{90}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
94050	1412	360	$\frac{7}{360}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{45}^3\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
94051	1412	1092	$\frac{11}{364}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{273}^2\ \Phi_{156}^2\ \Phi_{84}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{21}\ \Phi_{12}^2$
94052	1412	390	$\frac{2}{39}$	$\frac{37}{390}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{390}^4\ \Phi_{195}^3\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{65}^3\ \Phi_{39}^4\ \Phi_{30}^4\ \Phi_{26}^4\ \Phi_{15}^4\ \Phi_{13}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
94053	1412	1890	$\frac{25}{378}$	$\frac{2}{27}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
94054	1412	2625	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{169}{875}$	$\frac{1}{3}$	$\Phi_{2625}\ \Phi_{375}\ \Phi_{21}$
94055	1412	735	$\frac{29}{735}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}^2\ \Phi_{105}\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
94056	1412	420	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{67}{420}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^2\ \Phi_{140}^4\ \Phi_{105}^2\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^2\ \Phi_{35}^4\ \Phi_{30}^2\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^2\ \Phi_5^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
94057	1412	1155	$\frac{32}{385}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1155}^2\ \Phi_{231}^2\ \Phi_{165}^2\ \Phi_{33}^2\ \Phi_{21}$
94058	1412	2610	$\frac{5}{174}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{169}{522}$	$\Phi_{2610}\ \Phi_{1305}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
94059	1412	459	$\frac{1}{17}$	$\frac{35}{459}$	$\frac{106}{459}$	$\frac{16}{51}$	$\Phi_{459}^3\ \Phi_{153}^3\ \Phi_{51}^4\ \Phi_{27}^3\ \Phi_{17}^3\ \Phi_9^3\ \Phi_3^4\ \Phi_1^4$
94060	1412	765	$\frac{1}{17}$	$\frac{59}{765}$	$\frac{35}{153}$	$\frac{16}{51}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{45}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
94061	1412	510	$\frac{1}{17}$	$\frac{13}{170}$	$\frac{4}{17}$	$\frac{157}{510}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{102}^4\ \Phi_{51}^4\ \Phi_{30}^4\ \Phi_{17}^3\ \Phi_{15}^4\ \Phi_6^4\ \Phi_3^4\ \Phi_1^4$
94062	1412	459	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{106}{459}$	$\frac{47}{153}$	$\Phi_{459}^4\ \Phi_{51}^4\ \Phi_{27}^4\ \Phi_{17}^3\ \Phi_3^4\ \Phi_1^4$
94063	1412	408	$\frac{1}{17}$	$\frac{55}{408}$	$\frac{13}{68}$	$\frac{4}{17}$	$\Phi_{408}^4\ \Phi_{204}^4\ \Phi_{136}^4\ \Phi_{102}^4\ \Phi_{51}^4\ \Phi_{24}^4\ \Phi_{17}^3\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_3^4\ \Phi_1^4$
94064	1412	425	$\frac{1}{17}$	$\frac{13}{85}$	$\frac{72}{425}$	$\frac{4}{17}$	$\Phi_{425}^4\ \Phi_{25}^4\ \Phi_{17}^3\ \Phi_1^4$
94065	1413	2816	$\frac{5}{1408}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1403}{2816}$	$\Phi_{2816}\ \Phi_{256}\ \Phi_8\ \Phi_1$
94066	1413	1888	$\frac{3}{472}$	$\frac{1}{4}$	$\frac{475}{1888}$	$\frac{469}{944}$	$\Phi_{1888}\ \Phi_{472}\ \Phi_{236}\ \Phi_{118}\ \Phi_{59}\ \Phi_{32}\ \Phi_8\ \Phi_1$
94067	1413	624	$\frac{1}{156}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{155}{312}$	$\Phi_{624}^4\ \Phi_{312}\ \Phi_{208}^4\ \Phi_{104}\ \Phi_{48}^4\ \Phi_{24}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
94068	1413	312	$\frac{1}{156}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{155}{312}$	$\Phi_{312}^9\ \Phi_{104}^9\ \Phi_{24}^9\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
94069	1413	928	$\frac{7}{464}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{457}{928}$	$\Phi_{928}^3\ \Phi_{32}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
94070	1413	2544	$\frac{2}{159}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2544}\ \Phi_{848}\ \Phi_{159}\ \Phi_{53}\ \Phi_{16}\ \Phi_1$
94071	1413	1872	$\frac{1}{78}$	$\frac{1}{8}$	$\frac{77}{234}$	$\frac{7}{16}$	$\Phi_{1872}^2\ \Phi_{234}\ \Phi_{144}^2\ \Phi_{117}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
94072	1413	160	$\frac{3}{160}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{160}^{9}\ \Phi_{80}^{9}\ \Phi_{40}^{9}\ \Phi_{32}^{9}\ \Phi_{20}^{9}\ \Phi_{16}^{6}\ \Phi_{10}^{9}\ \Phi_{8}^{9}\ \Phi_{5}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
94073	1413	208	$\frac{1}{52}$	$\frac{1}{8}$	$\frac{51}{208}$	$\frac{7}{16}$	$\Phi_{208}^{5}\ \Phi_{104}^{9}\ \Phi_{52}^{8}\ \Phi_{26}^{8}\ \Phi_{16}^{6}\ \Phi_{13}^{8}\ \Phi_{8}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
94074	1413	3120	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{38}{195}$	$\frac{7}{16}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{240}\ \Phi_{195}\ \Phi_{80}\ \Phi_{65}\ \Phi_{16}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
94075	1413	1296	$\frac{5}{162}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{1296}^{2}\ \Phi_{432}^{2}\ \Phi_{162}\ \Phi_{144}^{2}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
94076	1413	1456	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{25}{182}$	$\frac{7}{16}$	$\Phi_{1456}^{2}\ \Phi_{182}\ \Phi_{112}^{2}\ \Phi_{91}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
94077	1413	336	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{336}^{8}\ \Phi_{168}\ \Phi_{112}^{8}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}^{4}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}^{5}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
94078	1413	2704	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2704}\ \Phi_{169}\ \Phi_{16}\ \Phi_{1}$
94079	1413	1652	$\frac{1}{59}$	$\frac{58}{413}$	$\frac{1}{4}$	$\frac{355}{826}$	$\Phi_{1652}\ \Phi_{413}\ \Phi_{236}^{2}\ \Phi_{118}\ \Phi_{59}\ \Phi_{28}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
94080	1413	2360	$\frac{3}{236}$	$\frac{233}{1180}$	$\frac{1}{4}$	$\frac{947}{2360}$	$\Phi_{2360}\ \Phi_{472}\ \Phi_{236}\ \Phi_{118}\ \Phi_{59}\ \Phi_{40}\ \Phi_{8}\ \Phi_{1}$
94081	1413	704	$\frac{5}{704}$	$\frac{1}{4}$	$\frac{233}{704}$	$\frac{3}{8}$	$\Phi_{704}^{2}\ \Phi_{352}^{2}\ \Phi_{176}^{2}\ \Phi_{88}^{2}\ \Phi_{64}^{2}\ \Phi_{44}^{2}\ \Phi_{32}^{2}\ \Phi_{22}^{2}\ \Phi_{16}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
94082	1413	1424	$\frac{11}{1424}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1424}\ \Phi_{712}\ \Phi_{356}\ \Phi_{178}\ \Phi_{89}\ \Phi_{8}\ \Phi_{1}$
94083	1413	1760	$\frac{5}{352}$	$\frac{347}{1760}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
94084	1413	160	$\frac{3}{160}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{160}^{9}\ \Phi_{80}^{9}\ \Phi_{40}^{9}\ \Phi_{32}^{8}\ \Phi_{20}^{9}\ \Phi_{16}^{8}\ \Phi_{10}^{9}\ \Phi_{8}^{9}\ \Phi_{5}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
94085	1413	176	$\frac{5}{176}$	$\frac{19}{176}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{176}^{8}\ \Phi_{88}^{8}\ \Phi_{44}^{8}\ \Phi_{22}^{8}\ \Phi_{16}^{8}\ \Phi_{11}^{8}\ \Phi_{8}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
94086	1413	512	$\frac{5}{128}$	$\frac{41}{512}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{512}^{3}\ \Phi_{256}^{3}\ \Phi_{128}^{2}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
94087	1413	1472	$\frac{59}{1472}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_{8}\ \Phi_{1}$
94088	1413	1496	$\frac{83}{1496}$	$\frac{5}{88}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{374}\ \Phi_{187}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
94089	1413	236	$\frac{1}{118}$	$\frac{1}{4}$	$\frac{39}{118}$	$\frac{79}{236}$	$\Phi_{236}^{5}\ \Phi_{118}^{7}\ \Phi_{59}^{7}\ \Phi_{4}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
94090	1413	636	$\frac{2}{159}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{636}^{2}\ \Phi_{318}^{2}\ \Phi_{212}^{2}\ \Phi_{159}^{3}\ \Phi_{106}^{2}\ \Phi_{53}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
94091	1413	468	$\frac{1}{78}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{77}{234}$	$\Phi_{468}^{4}\ \Phi_{234}^{5}\ \Phi_{117}^{5}\ \Phi_{36}^{4}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
94092	1413	232	$\frac{7}{232}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{75}{232}$	$\Phi_{232}^{6}\ \Phi_{116}^{6}\ \Phi_{58}^{6}\ \Phi_{29}^{6}\ \Phi_{8}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
94093	1413	160	$\frac{3}{160}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{160}^{9}\ \Phi_{80}^{9}\ \Phi_{40}^{9}\ \Phi_{32}^{9}\ \Phi_{20}^{9}\ \Phi_{16}^{9}\ \Phi_{10}^{9}\ \Phi_{8}^{9}\ \Phi_{5}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
94094	1413	208	$\frac{1}{52}$	$\frac{51}{208}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{208}^{9}\ \Phi_{104}^{9}\ \Phi_{16}^{9}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
94095	1413	780	$\frac{1}{39}$	$\frac{38}{195}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}^{3}\ \Phi_{130}^{2}\ \Phi_{65}^{3}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
94096	1413	324	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{324}^{4}\ \Phi_{162}^{5}\ \Phi_{108}^{4}\ \Phi_{81}^{5}\ \Phi_{54}^{5}\ \Phi_{36}^{4}\ \Phi_{27}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
94097	1413	364	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{364}^{4}\ \Phi_{182}^{5}\ \Phi_{91}^{5}\ \Phi_{28}^{4}\ \Phi_{14}^{5}\ \Phi_{7}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
94098	1413	520	$\frac{3}{52}$	$\frac{49}{520}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{520}^{3}\ \Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{104}^{3}\ \Phi_{65}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
94099	1413	168	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{168}^{9}\ \Phi_{84}^{9}\ \Phi_{56}^{9}\ \Phi_{42}^{9}\ \Phi_{28}^{9}\ \Phi_{24}^{9}\ \Phi_{21}^{9}\ \Phi_{14}^{9}\ \Phi_{8}^{9}\ \Phi_{7}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
94100	1413	676	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{676}^{2}\ \Phi_{338}^{2}\ \Phi_{169}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
94101	1414	1410	$\frac{2}{705}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{703}{1410}$	$\Phi_{1410}^{2}\ \Phi_{470}^{2}\ \Phi_{282}^{2}\ \Phi_{94}^{2}\ \Phi_{30}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
94102	1414	2832	$\frac{1}{236}$	$\frac{237}{944}$	$\frac{1}{3}$	$\frac{235}{472}$	$\Phi_{2832}\ \Phi_{708}\ \Phi_{354}\ \Phi_{177}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
94103	1414	4224	$\frac{3}{704}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{701}{1408}$	$\Phi_{4224}\ \Phi_{384}\ \Phi_{12}\ \Phi_{6}$
94104	1414	804	$\frac{1}{201}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{100}{201}$	$\Phi_{804}^{3}\ \Phi_{268}^{3}\ \Phi_{201}\ \Phi_{67}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
94105	1414	603	$\frac{1}{201}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{100}{201}$	$\Phi_{603}^{3}\ \Phi_{201}\ \Phi_{67}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
94106	1414	1256	$\frac{1}{157}$	$\frac{79}{628}$	$\frac{549}{1256}$	$\frac{78}{157}$	$\Phi_{1256}^{2}\ \Phi_{157}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
94107	1414	942	$\frac{1}{157}$	$\frac{235}{942}$	$\frac{79}{314}$	$\frac{78}{157}$	$\Phi_{942}^{2}\ \Phi_{471}^{2}\ \Phi_{157}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
94108	1414	1404	$\frac{5}{702}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{697}{1404}$	$\Phi_{1404}^{2}\ \Phi_{468}^{2}\ \Phi_{156}^{2}\ \Phi_{108}^{2}\ \Phi_{52}^{2}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
94109	1414	1404	$\frac{5}{702}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{697}{1404}$	$\Phi_{1404}^2\ \Phi_{468}^2\ \Phi_{156}^2\ \Phi_{108}^2\ \Phi_{52}^2\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94110	1414	2600	$\frac{1}{100}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{99}{200}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{200}^2\ \Phi_{104}\ \Phi_{40}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
94111	1414	600	$\frac{1}{100}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{99}{200}$	$\Phi_{600}^3\ \Phi_{300}^4\ \Phi_{150}^4\ \Phi_{120}^3\ \Phi_{75}^4\ \Phi_{60}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
94112	1414	1392	$\frac{11}{696}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{685}{1392}$	$\Phi_{1392}^2\ \Phi_{464}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94113	1414	990	$\frac{2}{99}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{97}{198}$	$\Phi_{990}^3\ \Phi_{330}^3\ \Phi_{198}^2\ \Phi_{110}^3\ \Phi_{90}^3\ \Phi_{66}^2\ \Phi_{30}^3\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94114	1414	2040	$\frac{1}{34}$	$\frac{1}{15}$	$\frac{35}{136}$	$\frac{33}{68}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{170}\ \Phi_{120}\ \Phi_{102}\ \Phi_{85}\ \Phi_{51}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{10}\ \Phi_6$
94115	1414	392	$\frac{3}{98}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{95}{196}$	$\Phi_{392}^4\ \Phi_{196}^2\ \Phi_{98}^4\ \Phi_{56}^5\ \Phi_{49}^4\ \Phi_{28}^3\ \Phi_{14}^5\ \Phi_8^4\ \Phi_7^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
94116	1414	232	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{15}{116}$	$\frac{14}{29}$	$\Phi_{232}^7\ \Phi_{116}^5\ \Phi_{58}^5\ \Phi_{29}^6\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
94117	1414	960	$\frac{5}{96}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{91}{192}$	$\Phi_{960}^3\ \Phi_{320}^3\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94118	1414	1950	$\frac{1}{50}$	$\frac{1}{13}$	$\frac{49}{150}$	$\frac{6}{13}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{390}\ \Phi_{195}\ \Phi_{150}^2\ \Phi_{78}\ \Phi_{75}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
94119	1414	104	$\frac{3}{104}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{104}^{14}\ \Phi_{52}^{13}\ \Phi_{26}^{13}\ \Phi_{13}^{14}\ \Phi_8^{14}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{14}$
94120	1414	1365	$\frac{4}{105}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}^2\ \Phi_{91}\ \Phi_{39}\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^2$
94121	1414	1625	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{24}{125}$	$\frac{6}{13}$	$\Phi_{1625}\ \Phi_{125}^2\ \Phi_{13}\ \Phi_1^2$
94122	1414	1560	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{19}{120}$	$\frac{6}{13}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{120}^2\ \Phi_{104}\ \Phi_{78}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
94123	1414	1430	$\frac{1}{13}$	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{6}{13}$	$\Phi_{1430}\ \Phi_{715}\ \Phi_{286}\ \Phi_{143}\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{22}^2\ \Phi_{13}\ \Phi_{11}^2\ \Phi_1^2$
94124	1414	720	$\frac{13}{720}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94125	1414	3894	$\frac{1}{59}$	$\frac{58}{649}$	$\frac{1}{3}$	$\frac{591}{1298}$	$\Phi_{3894}\ \Phi_{354}\ \Phi_{177}\ \Phi_{66}\ \Phi_6$
94126	1414	1053	$\frac{5}{351}$	$\frac{1}{9}$	$\frac{346}{1053}$	$\frac{4}{9}$	$\Phi_{1053}^2\ \Phi_{81}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
94127	1414	720	$\frac{13}{720}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
94128	1414	936	$\frac{5}{234}$	$\frac{1}{9}$	$\frac{229}{936}$	$\frac{4}{9}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
94129	1414	729	$\frac{22}{729}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{729}^2\ \Phi_{243}^2\ \Phi_{81}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
94130	1414	117	$\frac{5}{117}$	$\frac{1}{9}$	$\frac{16}{117}$	$\frac{4}{9}$	$\Phi_{117}^{12}\ \Phi_{39}^{12}\ \Phi_{13}^{12}\ \Phi_9^{13}\ \Phi_3^{13}\ \Phi_1^{14}$
94131	1414	108	$\frac{7}{108}$	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{108}^{14}\ \Phi_{54}^{12}\ \Phi_{36}^{14}\ \Phi_{27}^{12}\ \Phi_{18}^{12}\ \Phi_{12}^{14}\ \Phi_9^{13}\ \Phi_6^{12}\ \Phi_4^{14}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
94132	1414	177	$\frac{2}{177}$	$\frac{25}{177}$	$\frac{1}{3}$	$\frac{76}{177}$	$\Phi_{177}^8\ \Phi_{59}^8\ \Phi_3^7\ \Phi_1^8$
94133	1414	840	$\frac{4}{105}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2$
94134	1414	696	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{14}{87}$	$\frac{73}{174}$	$\Phi_{696}^2\ \Phi_{348}^2\ \Phi_{232}^3\ \Phi_{116}^3\ \Phi_{87}^2\ \Phi_{58}\ \Phi_{29}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
94135	1414	204	$\frac{1}{102}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{204}^{12}\ \Phi_{102}^2\ \Phi_{68}^{12}\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{12}^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94136	1414	804	$\frac{1}{67}$	$\frac{1}{6}$	$\frac{33}{134}$	$\frac{5}{12}$	$\Phi_{804}^3\ \Phi_{268}^3\ \Phi_{134}^2\ \Phi_{67}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
94137	1414	540	$\frac{7}{108}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^2\ \Phi_{90}^3\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94138	1414	510	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{16}{85}$	$\frac{69}{170}$	$\Phi_{510}^5\ \Phi_{255}\ \Phi_{170}^4\ \Phi_{102}^5\ \Phi_{85}\ \Phi_{51}\ \Phi_{34}^4\ \Phi_{30}^5\ \Phi_{10}^4\ \Phi_6^5\ \Phi_2^4$
94139	1414	3540	$\frac{1}{118}$	$\frac{117}{590}$	$\frac{1}{3}$	$\frac{473}{1180}$	$\Phi_{3540}\ \Phi_{708}\ \Phi_{354}\ \Phi_{177}\ \Phi_{60}\ \Phi_{12}\ \Phi_6$
94140	1414	510	$\frac{1}{102}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{510}^3\ \Phi_{255}^3\ \Phi_{170}^3\ \Phi_{102}^2\ \Phi_{85}^3\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{30}^3\ \Phi_{17}^2\ \Phi_{15}^3\ \Phi_{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
94141	1414	2136	$\frac{5}{712}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2136}\ \Phi_{1068}\ \Phi_{534}\ \Phi_{267}\ \Phi_{12}\ \Phi_6$
94142	1414	1062	$\frac{1}{177}$	$\frac{176}{531}$	$\frac{1}{3}$	$\frac{355}{1062}$	$\Phi_{1062}^2\ \Phi_{354}^2\ \Phi_{177}^2\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94143	1414	306	$\frac{1}{102}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{306}^6\ \Phi_{153}^6\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{18}^6\ \Phi_{17}^2\ \Phi_9^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94144	1414	846	$\frac{2}{141}$	$\frac{139}{846}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{846}^2\ \Phi_{423}^2\ \Phi_{282}^2\ \Phi_{94}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94145	1414	720	$\frac{13}{720}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^2$ $\Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2$ $\Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94146	1414	1056	$\frac{3}{352}$	$\frac{1}{4}$	$\frac{349}{1056}$	$\frac{1}{3}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}^2\ \Phi_{264}\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}^2$ $\Phi_{33}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94147	1414	603	$\frac{2}{201}$	$\frac{2}{9}$	$\frac{199}{603}$	$\frac{1}{3}$	$\Phi_{603}^2\ \Phi_{201}^3\ \Phi_{67}^3\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
94148	1414	600	$\frac{1}{50}$	$\frac{1}{8}$	$\frac{49}{150}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^4\ \Phi_{150}\ \Phi_{120}^2\ \Phi_{100}^4\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{40}^4\ \Phi_{30}$ $\Phi_{25}^2\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94149	1414	1044	$\frac{11}{348}$	$\frac{1}{12}$	$\frac{337}{1044}$	$\frac{1}{3}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{261}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94150	1414	720	$\frac{13}{720}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^2$ $\Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2$ $\Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94151	1414	2640	$\frac{3}{176}$	$\frac{173}{880}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{240}\ \Phi_{165}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}$ Φ_6
94152	1414	720	$\frac{13}{720}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}$ $\Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2$ $\Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94153	1414	312	$\frac{3}{104}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{312}^7\ \Phi_{156}^7\ \Phi_{78}^7\ \Phi_{39}^7\ \Phi_{24}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
94154	1414	792	$\frac{3}{88}$	$\frac{85}{792}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}$ $\Phi_{24}\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94155	1414	2208	$\frac{29}{736}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{12}\ \Phi_6$
94156	1414	768	$\frac{3}{64}$	$\frac{61}{768}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}^2\ \Phi_{192}\ \Phi_{128}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}^2$ $\Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94157	1414	2244	$\frac{41}{748}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{561}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{12}\ \Phi_6$
94158	1414	1206	$\frac{1}{67}$	$\frac{2}{9}$	$\frac{33}{134}$	$\frac{1}{3}$	$\Phi_{1206}^2\ \Phi_{603}\ \Phi_{134}^2\ \Phi_{67}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
94159	1414	936	$\frac{5}{234}$	$\frac{1}{6}$	$\frac{229}{936}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2$ $\Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94160	1414	660	$\frac{2}{33}$	$\frac{1}{15}$	$\frac{31}{132}$	$\frac{1}{3}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{132}^2\ \Phi_{110}^3\ \Phi_{66}^2\ \Phi_{60}^3\ \Phi_{44}^2\ \Phi_{30}^3\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{15}^2$ $\Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94161	1414	540	$\frac{7}{108}$	$\frac{1}{15}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^2\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{27}^2\ \Phi_{20}^3$ $\Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94162	1414	840	$\frac{4}{105}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^2$ $\Phi_{42}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
94163	1414	3000	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{24}{125}$	$\frac{1}{3}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
94164	1414	780	$\frac{5}{78}$	$\frac{73}{780}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{30}^2\ \Phi_{20}^2$ $\Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94165	1414	108	$\frac{7}{108}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{108}^{14}\ \Phi_{54}^{12}\ \Phi_{36}^{14}\ \Phi_{27}^{12}\ \Phi_{18}^{12}\ \Phi_{12}^{14}\ \Phi_9^{12}\ \Phi_6^{14}\ \Phi_4^{14}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
94166	1414	120	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{19}{120}$	$\frac{1}{3}$	$\Phi_{120}^{10}\ \Phi_{60}^{11}\ \Phi_{40}^{14}\ \Phi_{30}^{11}\ \Phi_{24}^{11}\ \Phi_{20}^{14}\ \Phi_{15}^{11}\ \Phi_{12}^{12}\ \Phi_{10}^{14}\ \Phi_8^{14}\ \Phi_6^{12}\ \Phi_5^{14}$ $\Phi_4^{14}\ \Phi_3^{11}\ \Phi_2^{14}\ \Phi_1^{14}$
94167	1414	354	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{17}{118}$	$\frac{1}{3}$	$\Phi_{354}^7\ \Phi_{177}^5\ \Phi_6^7\ \Phi_3^4$
94168	1414	1320	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{330}\ \Phi_{264}^2\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
94169	1414	2088	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{59}{261}$	$\frac{28}{87}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{522}\ \Phi_{232}\ \Phi_{116}\ \Phi_{72}\ \Phi_{58}\ \Phi_{36}\ \Phi_{18}$
94170	1414	1176	$\frac{3}{49}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{46}{147}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{294}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_6^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
94171	1414	720	$\frac{1}{15}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{144}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{180}^3\ \Phi_{144}^2\ \Phi_{90}^3\ \Phi_{72}^2\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94172	1414	112	$\frac{11}{112}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{112}^{14}\ \Phi_{56}^{11}\ \Phi_{28}^{11}\ \Phi_{16}^{14}\ \Phi_{14}^{13}\ \Phi_8^{10}\ \Phi_7^{12}\ \Phi_4^{10}\ \Phi_2^{12}\ \Phi_1^{12}$
94173	1414	120	$\frac{1}{15}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{120}^{11}\ \Phi_{60}^{11}\ \Phi_{40}^{11}\ \Phi_{30}^{14}\ \Phi_{24}^{12}\ \Phi_{20}^{11}\ \Phi_{15}^{13}\ \Phi_{12}^{12}\ \Phi_{10}^{14}\ \Phi_8^{12}\ \Phi_6^{14}\ \Phi_5^{13}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
94174	1414	1960	$\frac{6}{49}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{43}{245}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
94175	1415	1128	$\frac{1}{282}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{281}{564}$	$\Phi_{1128}^2\ \Phi_{564}\ \Phi_{376}^2\ \Phi_{188}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
94176	1415	2424	$\frac{1}{202}$	$\frac{203}{1212}$	$\frac{1009}{2424}$	$\frac{201}{404}$	$\Phi_{2424}\ \Phi_{808}\ \Phi_{404}\ \Phi_{24}\ \Phi_8\ \Phi_4\ \Phi_1$
94177	1415	560	$\frac{3}{280}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{277}{560}$	$\Phi_{560}^5\ \Phi_{112}^5\ \Phi_{80}^5\ \Phi_{28}\ \Phi_{16}^5\ \Phi_4\ \Phi_1$
94178	1415	560	$\frac{3}{280}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{277}{560}$	$\Phi_{560}^5\ \Phi_{112}^5\ \Phi_{80}^5\ \Phi_{16}^5\ \Phi_7^2\ \Phi_1^3$
94179	1415	1680	$\frac{3}{280}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{277}{560}$	$\Phi_{1680}^2\ \Phi_{560}\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{112}\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
94180	1415	2772	$\frac{29}{1386}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1357}{2772}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{132}\ \Phi_{84}\ \Phi_{44}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
94181	1415	1904	$\frac{13}{476}$	$\frac{1}{14}$	$\frac{489}{1904}$	$\frac{463}{952}$	$\Phi_{1904}\ \Phi_{476}\ \Phi_{272}\ \Phi_{238}\ \Phi_{119}\ \Phi_{112}\ \Phi_{68}\ \Phi_{34}\ \Phi_{28}\ \Phi_{17}\ \Phi_{16}\ \Phi_4\ \Phi_1$
94182	1415	1624	$\frac{6}{203}$	$\frac{209}{1624}$	$\frac{1}{7}$	$\frac{197}{406}$	$\Phi_{1624}\ \Phi_{812}\ \Phi_{232}\ \Phi_{203}\ \Phi_{116}\ \Phi_{56}\ \Phi_{29}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
94183	1415	2744	$\frac{43}{1372}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1329}{2744}$	$\Phi_{2744}\ \Phi_{392}\ \Phi_{56}\ \Phi_{49}\ \Phi_8\ \Phi_1$
94184	1415	2688	$\frac{71}{1344}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1273}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{128}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
94185	1415	420	$\frac{3}{140}$	$\frac{1}{14}$	$\frac{137}{420}$	$\frac{13}{28}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{105}^5\ \Phi_{84}^5\ \Phi_{60}^5\ \Phi_{42}^5\ \Phi_{30}^5\ \Phi_{28}\ \Phi_{21}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_6^5\ \Phi_4\ \Phi_3^5\ \Phi_1$
94186	1415	1456	$\frac{41}{1456}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{208}\ \Phi_{182}\ \Phi_{112}\ \Phi_{104}\ \Phi_{91}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_4\ \Phi_1$
94187	1415	336	$\frac{3}{56}$	$\frac{1}{14}$	$\frac{53}{336}$	$\frac{13}{28}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^5\ \Phi_{84}^5\ \Phi_{48}^5\ \Phi_{42}^5\ \Phi_{28}\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_6^5\ \Phi_4\ \Phi_3^5\ \Phi_1$
94188	1415	308	$\frac{1}{14}$	$\frac{25}{308}$	$\frac{3}{28}$	$\frac{13}{28}$	$\Phi_{308}^5\ \Phi_{154}^5\ \Phi_{77}^5\ \Phi_{44}^5\ \Phi_{28}\ \Phi_{22}^5\ \Phi_{11}^5\ \Phi_4\ \Phi_1$
94189	1415	294	$\frac{11}{294}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{294}^5\ \Phi_{147}^5\ \Phi_{98}^4\ \Phi_{49}^5\ \Phi_{42}^5\ \Phi_{21}^5\ \Phi_{14}^4\ \Phi_7^4\ \Phi_6^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
94190	1415	287	$\frac{4}{287}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{287}^5\ \Phi_{41}^5\ \Phi_7^2\ \Phi_1^3$
94191	1415	1512	$\frac{97}{1512}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{71}{168}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
94192	1415	2436	$\frac{6}{203}$	$\frac{1}{7}$	$\frac{197}{1218}$	$\frac{1021}{2436}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{348}\ \Phi_{203}\ \Phi_{116}\ \Phi_{84}\ \Phi_{29}\ \Phi_{28}\ \Phi_{12}\ \Phi_4\ \Phi_1$
94193	1415	2424	$\frac{1}{101}$	$\frac{203}{1212}$	$\frac{100}{303}$	$\frac{1009}{2424}$	$\Phi_{2424}\ \Phi_{808}\ \Phi_{303}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
94194	1415	303	$\frac{6}{101}$	$\frac{20}{303}$	$\frac{19}{101}$	$\frac{41}{101}$	$\Phi_{303}^5\ \Phi_{101}^4\ \Phi_3^5\ \Phi_1^5$
94195	1415	476	$\frac{13}{238}$	$\frac{1}{14}$	$\frac{45}{238}$	$\frac{193}{476}$	$\Phi_{476}^5\ \Phi_{238}\ \Phi_{119}\ \Phi_{68}^5\ \Phi_{34}\ \Phi_{28}^5\ \Phi_{17}\ \Phi_4^5\ \Phi_1$
94196	1415	404	$\frac{1}{101}$	$\frac{20}{101}$	$\frac{121}{404}$	$\frac{81}{202}$	$\Phi_{404}^5\ \Phi_{101}^4\ \Phi_4^5\ \Phi_1^5$
94197	1415	2280	$\frac{2}{285}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{285}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{57}\ \Phi_{40}\ \Phi_{19}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
94198	1415	3384	$\frac{1}{141}$	$\frac{1}{4}$	$\frac{140}{423}$	$\frac{3}{8}$	$\Phi_{3384}\ \Phi_{423}\ \Phi_{72}\ \Phi_9\ \Phi_8\ \Phi_1$
94199	1415	376	$\frac{1}{94}$	$\frac{93}{376}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{376}^3\ \Phi_{188}^5\ \Phi_{94}^4\ \Phi_{47}^4\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
94200	1415	288	$\frac{5}{288}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{32}^5\ \Phi_{24}^3\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
94201	1415	2632	$\frac{1}{47}$	$\frac{46}{329}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2632}\ \Phi_{329}\ \Phi_{56}\ \Phi_8\ \Phi_7\ \Phi_1$
94202	1415	426	$\frac{1}{71}$	$\frac{1}{6}$	$\frac{70}{213}$	$\frac{143}{426}$	$\Phi_{426}^3\ \Phi_{213}^4\ \Phi_{142}^3\ \Phi_{71}^3\ \Phi_6^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
94203	1415	1818	$\frac{1}{101}$	$\frac{403}{1818}$	$\frac{100}{303}$	$\frac{203}{606}$	$\Phi_{1818}\ \Phi_{909}\ \Phi_{303}\ \Phi_{18}\ \Phi_9\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
94204	1415	420	$\frac{3}{140}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{137}{420}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{105}^5\ \Phi_{84}^5\ \Phi_{60}^5\ \Phi_{42}^5\ \Phi_{30}^5\ \Phi_{21}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_7^2\ \Phi_6^5\ \Phi_3^5\ \Phi_1^3$
94205	1415	420	$\frac{3}{140}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{137}{420}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^4\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^4\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{35}^4\ \Phi_{30}^3\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
94206	1415	1827	$\frac{6}{203}$	$\frac{1}{7}$	$\frac{412}{1827}$	$\frac{197}{609}$	$\Phi_{1827}\ \Phi_{261}\ \Phi_{203}\ \Phi_{63}\ \Phi_{29}\ \Phi_9\ \Phi_1$
94207	1415	2058	$\frac{43}{686}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{643}{2058}$	$\Phi_{2058}\ \Phi_{1029}\ \Phi_{294}\ \Phi_{147}\ \Phi_{49}\ \Phi_{42}\ \Phi_{21}\ \Phi_6\ \Phi_3\ \Phi_1$
94208	1415	1848	$\frac{29}{462}$	$\frac{1}{14}$	$\frac{433}{1848}$	$\frac{13}{42}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{56}\ \Phi_{44}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
94209	1415	1512	$\frac{97}{1512}$	$\frac{1}{14}$	$\frac{29}{126}$	$\frac{13}{42}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
94210	1415	2016	$\frac{1}{14}$	$\frac{71}{672}$	$\frac{13}{84}$	$\frac{601}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
94211	1415	294	$\frac{11}{294}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{294}^5\ \Phi_{147}^5\ \Phi_{98}^5\ \Phi_{49}^5\ \Phi_{42}^5\ \Phi_{21}^5\ \Phi_7^2\ \Phi_6^5\ \Phi_3^5\ \Phi_1^3$
94212	1415	350	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{67}{350}$	$\frac{2}{7}$	$\Phi_{350}^5\ \Phi_{175}^5\ \Phi_{50}^5\ \Phi_{25}^5\ \Phi_7^2\ \Phi_1^3$
94213	1415	336	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{53}{336}$	$\frac{2}{7}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^5\ \Phi_{84}^5\ \Phi_{48}^5\ \Phi_{42}^5\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_7^2\ \Phi_6^5\ \Phi_3^5\ \Phi_1^3$
94214	1415	308	$\frac{25}{308}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{308}^5\ \Phi_{154}^5\ \Phi_{77}^5\ \Phi_{44}^5\ \Phi_{22}^5\ \Phi_{11}^5\ \Phi_7^2\ \Phi_1^3$
94215	1415	315	$\frac{3}{35}$	$\frac{32}{315}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{315}^5\ \Phi_{105}^5\ \Phi_{63}^5\ \Phi_{45}^5\ \Phi_{21}^5\ \Phi_{15}^5\ \Phi_9^5\ \Phi_7^2\ \Phi_3^5\ \Phi_1^3$
94216	1415	336	$\frac{3}{56}$	$\frac{53}{336}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{336}^5\ \Phi_{168}^3\ \Phi_{112}^5\ \Phi_{84}^3\ \Phi_{56}^4\ \Phi_{48}^5\ \Phi_{42}^3\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^5\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_7^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
94217	1415	300	$\frac{17}{300}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{300}^5\ \Phi_{150}^5\ \Phi_{100}^5\ \Phi_{75}^5\ \Phi_{60}^3\ \Phi_{50}^5\ \Phi_{30}^3\ \Phi_{25}^5\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
94218	1415	960	$\frac{3}{40}$	$\frac{37}{320}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}\ \Phi_{96}^2\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
94219	1415	924	$\frac{25}{308}$	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}\ \Phi_{231}^2\ \Phi_{154}\ \Phi_{132}^2\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
94220	1415	1568	$\frac{153}{1568}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{196}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{49}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
94221	1415	336	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{53}{336}$	$\frac{71}{336}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^4\ \Phi_{84}^5\ \Phi_{56}^4\ \Phi_{48}^4\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{24}^4\ \Phi_{21}^5\ \Phi_{16}^4\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_7^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
94222	1415	303	$\frac{20}{303}$	$\frac{16}{101}$	$\frac{17}{101}$	$\frac{21}{101}$	$\Phi_{303}^5\ \Phi_{101}^4\ \Phi_3^5\ \Phi_1^5$
94223	1415	343	$\frac{6}{49}$	$\frac{43}{343}$	$\frac{1}{7}$	$\frac{60}{343}$	$\Phi_{343}^4\ \Phi_{49}^5\ \Phi_7^4\ \Phi_1^5$
94224	1416	1059	$\frac{1}{353}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{176}{353}$	$\Phi_{1059}\ \Phi_{353}^2\ \Phi_3^2\ \Phi_1^4$
94225	1416	283	$\frac{1}{283}$	$\frac{71}{283}$	$\frac{106}{283}$	$\frac{141}{283}$	$\Phi_{283}^5\ \Phi_1^6$
94226	1416	2127	$\frac{3}{709}$	$\frac{178}{709}$	$\frac{1}{3}$	$\frac{353}{709}$	Φ_{2127}
94227	1416	235	$\frac{1}{235}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{117}{235}$	$\Phi_{235}^6\ \Phi_{47}^6\ \Phi_5^7\ \Phi_1^8$
94228	1416	2820	$\frac{1}{235}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{117}{235}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{564}\ \Phi_{282}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
94229	1416	1415	$\frac{7}{1415}$	$\frac{237}{1415}$	$\frac{589}{1415}$	$\frac{704}{1415}$	$\Phi_{1415}\ \Phi_{283}\ \Phi_5\ \Phi_1^2$
94230	1416	2464	$\frac{1}{176}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{175}{352}$	$\Phi_{2464}\ \Phi_{352}^2\ \Phi_{224}\ \Phi_{32}^2\ \Phi_7\ \Phi_1^2$
94231	1416	5280	$\frac{1}{176}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{175}{352}$	$\Phi_{5280}\ \Phi_{480}\ \Phi_{15}$
94232	1416	1892	$\frac{3}{473}$	$\frac{1}{4}$	$\frac{119}{473}$	$\frac{235}{473}$	$\Phi_{1892}\ \Phi_{946}\ \Phi_{172}\ \Phi_{86}\ \Phi_{44}\ \Phi_{22}$
94233	1416	1415	$\frac{9}{1415}$	$\frac{353}{1415}$	$\frac{356}{1415}$	$\frac{703}{1415}$	$\Phi_{1415}\ \Phi_{283}\ \Phi_5\ \Phi_1^2$
94234	1416	2127	$\frac{5}{709}$	$\frac{119}{709}$	$\frac{1}{3}$	$\frac{352}{709}$	Φ_{2127}
94235	1416	1287	$\frac{1}{117}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{58}{117}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}^2\ \Phi_{99}\ \Phi_{39}^2\ \Phi_{33}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
94236	1416	819	$\frac{1}{117}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{58}{117}$	$\Phi_{819}^2\ \Phi_{273}^2\ \Phi_{91}^2\ \Phi_{63}^2\ \Phi_{21}^3\ \Phi_7^2$
94237	1416	1287	$\frac{1}{117}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{58}{117}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}^2\ \Phi_{99}\ \Phi_{39}^2\ \Phi_{33}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
94238	1416	2340	$\frac{1}{117}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{58}{117}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{180}\ \Phi_{130}\ \Phi_{90}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
94239	1416	1415	$\frac{13}{1415}$	$\frac{119}{1415}$	$\frac{648}{1415}$	$\frac{701}{1415}$	$\Phi_{1415}\ \Phi_{283}\ \Phi_5\ \Phi_1^2$
94240	1416	350	$\frac{2}{175}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{173}{350}$	$\Phi_{350}^8\ \Phi_{70}^8\ \Phi_{50}^8\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
94241	1416	1415	$\frac{17}{1415}$	$\frac{179}{1415}$	$\frac{412}{1415}$	$\frac{699}{1415}$	$\Phi_{1415}\ \Phi_{283}\ \Phi_5\ \Phi_1^2$
94242	1416	553	$\frac{1}{79}$	$\frac{1}{7}$	$\frac{20}{79}$	$\frac{39}{79}$	$\Phi_{553}^3\ \Phi_7^2$
94243	1416	1415	$\frac{19}{1415}$	$\frac{239}{1415}$	$\frac{294}{1415}$	$\frac{698}{1415}$	$\Phi_{1415}\ \Phi_{283}\ \Phi_5\ \Phi_1^2$
94244	1416	355	$\frac{1}{71}$	$\frac{12}{71}$	$\frac{1}{5}$	$\frac{35}{71}$	$\Phi_{355}^5\ \Phi_5^4$
94245	1416	1892	$\frac{7}{473}$	$\frac{60}{473}$	$\frac{1}{4}$	$\frac{233}{473}$	$\Phi_{1892}\ \Phi_{946}\ \Phi_{172}\ \Phi_{86}\ \Phi_{44}\ \Phi_{22}$
94246	1416	1415	$\frac{21}{1415}$	$\frac{176}{1415}$	$\frac{359}{1415}$	$\frac{697}{1415}$	$\Phi_{1415}\ \Phi_{283}\ \Phi_5\ \Phi_1^2$
94247	1416	2127	$\frac{11}{709}$	$\frac{60}{709}$	$\frac{1}{3}$	$\frac{349}{709}$	Φ_{2127}
94248	1416	2668	$\frac{1}{58}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{57}{116}$	$\Phi_{2668}\ \Phi_{116}^2\ \Phi_{92}\ \Phi_{23}\ \Phi_4^2\ \Phi_1^2$
94249	1416	4524	$\frac{1}{58}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{57}{116}$	$\Phi_{4524}\ \Phi_{156}\ \Phi_{39}$
94250	1416	2668	$\frac{1}{58}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{57}{116}$	$\Phi_{2668}\ \Phi_{116}^2\ \Phi_{92}\ \Phi_{23}\ \Phi_4^2\ \Phi_1^2$
94251	1416	1044	$\frac{1}{58}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{57}{116}$	$\Phi_{1044}\ \Phi_{522}^2\ \Phi_{348}\ \Phi_{261}^2\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{36}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
94252	1416	2668	$\frac{1}{58}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{57}{116}$	$\Phi_{2668}\ \Phi_{116}^2\ \Phi_{92}\ \Phi_{23}\ \Phi_4^2\ \Phi_1^2$
94253	1416	4060	$\frac{1}{58}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{57}{116}$	$\Phi_{4060}\ \Phi_{140}\ \Phi_{35}$
94254	1416	283	$\frac{5}{283}$	$\frac{47}{283}$	$\frac{48}{283}$	$\frac{139}{283}$	$\Phi_{283}^5\ \Phi_1^6$
94255	1416	924	$\frac{5}{231}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{113}{231}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{66}^2\ \Phi_{44}^3\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{22}^3\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
94256	1416	516	$\frac{1}{43}$	$\frac{11}{129}$	$\frac{1}{4}$	$\frac{21}{43}$	$\Phi_{516}^4\ \Phi_{258}^4\ \Phi_{172}^3\ \Phi_{86}^3\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^2\ \Phi_2^2$
94257	1416	2850	$\frac{2}{57}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{2850}\ \Phi_{950}\ \Phi_{570}\ \Phi_{190}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
94258	1416	2001	$\frac{1}{29}$	$\frac{1}{23}$	$\frac{28}{87}$	$\frac{11}{23}$	$\Phi_{2001}\ \Phi_{87}^2\ \Phi_{69}\ \Phi_{23}\ \Phi_3^2\ \Phi_1^2$
94259	1416	400	$\frac{1}{25}$	$\frac{1}{20}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{400}^5\ \Phi_{100}^5\ \Phi_{80}^4\ \Phi_{50}^5\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
94260	1416	2800	$\frac{1}{25}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
94261	1416	1456	$\frac{3}{56}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{53}{112}$	$\Phi_{1456}^2\ \Phi_{208}^2\ \Phi_{91}$
94262	1416	884	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{9}{68}$	$\frac{8}{17}$	$\Phi_{884}^2\ \Phi_{442}^2\ \Phi_{221}\ \Phi_{52}^2\ \Phi_{26}^2$
94263	1416	550	$\frac{1}{25}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{550}^5\ \Phi_{110}^4\ \Phi_{50}^5\ \Phi_{25}^4\ \Phi_{22}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
94264	1416	1800	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
94265	1416	660	$\frac{1}{60}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^4\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{30}^4\ \Phi_{22}^2\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
94266	1416	484	$\frac{3}{121}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{484}^4\ \Phi_{242}^4\ \Phi_{44}^3\ \Phi_{22}^2\ \Phi_4^2\ \Phi_2^2$
94267	1416	858	$\frac{1}{39}$	$\frac{1}{11}$	$\frac{19}{78}$	$\frac{5}{11}$	$\Phi_{858}^2\ \Phi_{429}\ \Phi_{286}^2\ \Phi_{143}\ \Phi_{78}^4\ \Phi_{66}^2\ \Phi_{39}^2\ \Phi_{33}\ \Phi_{26}^4\ \Phi_{22}^2\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
94268	1416	693	$\frac{4}{63}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{11}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}\ \Phi_{77}^2\ \Phi_{63}^4\ \Phi_{33}\ \Phi_{21}^4\ \Phi_{11}^2\ \Phi_9^2\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
94269	1416	715	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{6}{65}$	$\frac{5}{11}$	$\Phi_{715}^2\ \Phi_{143}\ \Phi_{65}^4\ \Phi_{55}^2\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_5^4\ \Phi_1^4$
94270	1416	2700	$\frac{1}{25}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
94271	1416	860	$\frac{1}{43}$	$\frac{21}{215}$	$\frac{1}{4}$	$\frac{97}{215}$	$\Phi_{860}^2\ \Phi_{430}^2\ \Phi_{172}^3\ \Phi_{86}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_4^2\ \Phi_2^2$
94272	1416	300	$\frac{1}{60}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{300}^5\ \Phi_{150}^5\ \Phi_{100}^5\ \Phi_{75}^5\ \Phi_{60}^4\ \Phi_{50}^5\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
94273	1416	616	$\frac{1}{88}$	$\frac{1}{7}$	$\frac{29}{88}$	$\frac{3}{7}$	$\Phi_{616}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{88}^4\ \Phi_{77}^2\ \Phi_{56}^2\ \Phi_{44}^4\ \Phi_{28}^2\ \Phi_{22}^4\ \Phi_{14}^2\ \Phi_{11}^4\ \Phi_8^4\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
94274	1416	420	$\frac{1}{60}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^3\ \Phi_{60}^6\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^6\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{14}^2\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_7^3\ \Phi_6^6\ \Phi_5^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
94275	1416	1540	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{43}{220}$	$\frac{3}{7}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{220}^2\ \Phi_{140}\ \Phi_{110}^2\ \Phi_{70}\ \Phi_{55}^2\ \Phi_{35}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
94276	1416	1288	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{322}\ \Phi_{184}^2\ \Phi_{161}\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_7\ \Phi_1^2$
94277	1416	462	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{462}^3\ \Phi_{231}^3\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}^6\ \Phi_{42}^3\ \Phi_{33}^6\ \Phi_{22}^4\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{11}^4\ \Phi_7^3\ \Phi_6^6\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
94278	1416	1309	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1309}\ \Phi_{187}^2\ \Phi_{119}\ \Phi_{17}^2\ \Phi_7\ \Phi_1^2$
94279	1416	448	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}^2\ \Phi_{64}^6\ \Phi_{56}^2\ \Phi_{32}^6\ \Phi_{28}^2\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_8^4\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
94280	1416	819	$\frac{4}{63}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{819}^2\ \Phi_{273}^2\ \Phi_{117}^2\ \Phi_{91}\ \Phi_{39}^2$
94281	1416	1326	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{8}{51}$	$\frac{43}{102}$	$\Phi_{1326}^2\ \Phi_{442}^2\ \Phi_{221}\ \Phi_{78}^2\ \Phi_{26}^2$
94282	1416	1415	$\frac{17}{1415}$	$\frac{233}{1415}$	$\frac{412}{1415}$	$\frac{591}{1415}$	$\Phi_{1415}\ \Phi_{283}\ \Phi_5\ \Phi_1^2$
94283	1416	2127	$\frac{7}{709}$	$\frac{117}{709}$	$\frac{1}{3}$	$\frac{296}{709}$	Φ_{2127}
94284	1416	1415	$\frac{14}{1415}$	$\frac{237}{1415}$	$\frac{467}{1415}$	$\frac{589}{1415}$	$\Phi_{1415}\ \Phi_{283}\ \Phi_5\ \Phi_1^2$
94285	1416	100	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{100}^{24}\ \Phi_{50}^5\ \Phi_{25}^4\ \Phi_{20}^{24}\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^{24}\ \Phi_2^4\ \Phi_1^4$
94286	1416	1785	$\frac{1}{119}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1785}\ \Phi_{357}^2\ \Phi_{255}\ \Phi_{105}\ \Phi_{51}^2\ \Phi_{21}^2$
94287	1416	235	$\frac{3}{235}$	$\frac{1}{5}$	$\frac{58}{235}$	$\frac{2}{5}$	$\Phi_{235}^6\ \Phi_{47}^6\ \Phi_5^7\ \Phi_1^8$
94288	1416	60	$\frac{1}{60}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{60}^{24}\ \Phi_{30}^{24}\ \Phi_{20}^{24}\ \Phi_{15}^{24}\ \Phi_{12}^{24}\ \Phi_{10}^{24}\ \Phi_6^{24}\ \Phi_5^{19}\ \Phi_4^{24}\ \Phi_3^{24}\ \Phi_2^{24}\ \Phi_1^{20}$
94289	1416	705	$\frac{1}{47}$	$\frac{23}{141}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{705}^2\ \Phi_{235}\ \Phi_{141}^4\ \Phi_{47}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
94290	1416	2400	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{300}\ \Phi_{160}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
94291	1416	1547	$\frac{1}{119}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{91}$
94292	1416	1420	$\frac{1}{71}$	$\frac{1}{5}$	$\frac{35}{142}$	$\frac{107}{284}$	$\Phi_{1420}^2\ \Phi_{355}\ \Phi_{20}^2$
94293	1416	1415	$\frac{19}{1415}$	$\frac{294}{1415}$	$\frac{349}{1415}$	$\frac{533}{1415}$	$\Phi_{1415}\ \Phi_{283}\ \Phi_5\ \Phi_1^2$
94294	1416	1892	$\frac{5}{473}$	$\frac{117}{473}$	$\frac{1}{4}$	$\frac{178}{473}$	$\Phi_{1892}\ \Phi_{946}\ \Phi_{172}\ \Phi_{86}\ \Phi_{44}\ \Phi_{22}$
94295	1416	1600	$\frac{1}{25}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
94296	1416	283	$\frac{3}{283}$	$\frac{70}{283}$	$\frac{71}{283}$	$\frac{106}{283}$	$\Phi_{283}^5\ \Phi_1^6$
94297	1416	300	$\frac{1}{60}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{300}^5\ \Phi_{150}^5\ \Phi_{100}^5\ \Phi_{75}^5\ \Phi_{60}^4\ \Phi_{50}^5\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
94298	1416	450	$\frac{1}{25}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{450}^5\ \Phi_{150}^5\ \Phi_{90}^4\ \Phi_{75}^5\ \Phi_{50}^5\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
94299	1416	283	$\frac{4}{283}$	$\frac{47}{283}$	$\frac{93}{283}$	$\frac{95}{283}$	$\Phi_{283}^5\ \Phi_1^6$
94300	1416	355	$\frac{4}{355}$	$\frac{1}{5}$	$\frac{117}{355}$	$\frac{119}{355}$	$\Phi_{355}^4\ \Phi_{71}^4\ \Phi_5^3\ \Phi_1^4$
94301	1416	1415	$\frac{8}{1415}$	$\frac{469}{1415}$	$\frac{471}{1415}$	$\frac{473}{1415}$	$\Phi_{1415}\ \Phi_{283}\ \Phi_5\ \Phi_1^2$
94302	1416	2127	$\frac{4}{709}$	$\frac{235}{709}$	$\frac{1}{3}$	$\frac{237}{709}$	Φ_{2127}
94303	1416	534	$\frac{1}{178}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{534}^3\ \Phi_{267}^3\ \Phi_{178}^2\ \Phi_{89}^2\ \Phi_6^3\ \Phi_2^2$
94304	1416	1059	$\frac{2}{353}$	$\frac{117}{353}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1059}\ \Phi_{353}^2\ \Phi_3^2\ \Phi_1^4$
94305	1416	1428	$\frac{1}{119}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}^2\ \Phi_{238}^2\ \Phi_{204}\ \Phi_{102}\ \Phi_{84}\ \Phi_{68}^2\ \Phi_{42}\ \Phi_{34}^2\ \Phi_{28}^2\ \Phi_{14}^2$
94306	1416	1059	$\frac{5}{353}$	$\frac{58}{353}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1059}\ \Phi_{353}^2\ \Phi_3^2\ \Phi_1^4$
94307	1416	420	$\frac{1}{60}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^2$
94308	1416	1320	$\frac{1}{88}$	$\frac{1}{5}$	$\frac{29}{88}$	$\frac{1}{3}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^3$
94309	1416	2127	$\frac{10}{709}$	$\frac{119}{709}$	$\frac{233}{709}$	$\frac{1}{3}$	Φ_{2127}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
94310	1416	2457	$\frac{2}{117}$	$\frac{1}{7}$	$\frac{115}{351}$	$\frac{1}{3}$	$\Phi_{2457}\ \Phi_{189}\ \Phi_{21}$
94311	1416	1131	$\frac{1}{29}$	$\frac{1}{13}$	$\frac{28}{87}$	$\frac{1}{3}$	$\Phi_{1131}\ \Phi_{377}^2\ \Phi_{39}^2\ \Phi_{13}^2$
94312	1416	660	$\frac{1}{60}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^4\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{30}^4\ \Phi_{22}^2\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
94313	1416	2127	$\frac{9}{709}$	$\frac{175}{709}$	$\frac{178}{709}$	$\frac{1}{3}$	Φ_{2127}
94314	1416	2820	$\frac{3}{235}$	$\frac{58}{235}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{564}\ \Phi_{282}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
94315	1416	60	$\frac{1}{60}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^{23}\ \Phi_{30}^{23}\ \Phi_{20}^{24}\ \Phi_{15}^{24}\ \Phi_{12}^{24}\ \Phi_{10}^{24}\ \Phi_6^{24}\ \Phi_5^{24}\ \Phi_4^{24}\ \Phi_3^{24}\ \Phi_2^{24}\ \Phi_1^{24}$
94316	1416	564	$\frac{1}{47}$	$\frac{23}{141}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{564}^3\ \Phi_{282}^3\ \Phi_{188}^4\ \Phi_{94}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
94317	1416	546	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{19}{78}$	$\frac{1}{3}$	$\Phi_{546}^4\ \Phi_{273}^2\ \Phi_{182}^4\ \Phi_{91}^2\ \Phi_{42}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^2$
94318	1416	1701	$\frac{7}{243}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{189}\ \Phi_{21}$
94319	1416	660	$\frac{1}{44}$	$\frac{43}{220}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{165}^3\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{60}^3\ \Phi_{33}^4\ \Phi_{30}^3\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4$
94320	1416	2760	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{15}$
94321	1416	330	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{330}^5\ \Phi_{165}^5\ \Phi_{110}^6\ \Phi_{55}^6\ \Phi_{30}^5\ \Phi_{15}^6\ \Phi_{10}^6\ \Phi_5^6$
94322	1416	2805	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2805}\ \Phi_{255}\ \Phi_{15}$
94323	1416	960	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{960}^3\ \Phi_{480}^3\ \Phi_{240}^2\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^3$
94324	1416	273	$\frac{2}{39}$	$\frac{37}{273}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{273}^5\ \Phi_{91}^5\ \Phi_{39}^6\ \Phi_{21}^6\ \Phi_{13}^6\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
94325	1416	63	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{63}^{22}\ \Phi_{21}^{23}\ \Phi_9^{24}\ \Phi_7^{22}\ \Phi_3^{24}\ \Phi_1^{24}$
94326	1416	1365	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1365}^2\ \Phi_{273}\ \Phi_{105}^2\ \Phi_{21}^2$
94327	1416	175	$\frac{4}{175}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{57}{175}$	$\Phi_{175}^8\ \Phi_{35}^8\ \Phi_{25}^8\ \Phi_7^8\ \Phi_5^{11}\ \Phi_1^{12}$
94328	1416	2001	$\frac{1}{29}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{28}{87}$	$\Phi_{2001}\ \Phi_{87}^2\ \Phi_{69}\ \Phi_{23}\ \Phi_3^2\ \Phi_1^2$
94329	1416	1044	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{28}{87}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
94330	1416	2001	$\frac{1}{29}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{28}{87}$	$\Phi_{2001}\ \Phi_{87}^2\ \Phi_{69}\ \Phi_{23}\ \Phi_3^2\ \Phi_1^2$
94331	1416	3045	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{28}{87}$	$\Phi_{3045}\ \Phi_{105}\ \Phi_{35}$
94332	1416	2772	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{221}{693}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{126}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}$
94333	1416	1989	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{35}{153}$	$\frac{16}{51}$	$\Phi_{1989}\ \Phi_{221}\ \Phi_{117}$
94334	1416	1980	$\frac{23}{495}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{110}\ \Phi_{90}\ \Phi_{60}\ \Phi_{44}\ \Phi_{36}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}$
94335	1416	2100	$\frac{1}{25}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{105}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
94336	1416	1092	$\frac{1}{13}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{84}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{273}^2\ \Phi_{156}^2\ \Phi_{91}\ \Phi_{78}^2\ \Phi_{39}^2$
94337	1416	1800	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
94338	1416	858	$\frac{1}{39}$	$\frac{2}{11}$	$\frac{19}{78}$	$\frac{3}{11}$	$\Phi_{858}^2\ \Phi_{429}\ \Phi_{286}^2\ \Phi_{143}\ \Phi_{78}^4\ \Phi_{66}^2\ \Phi_{39}^2\ \Phi_{33}\ \Phi_{26}^4\ \Phi_{22}^2\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
94339	1416	693	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}\ \Phi_{77}^2\ \Phi_{63}^4\ \Phi_{33}\ \Phi_{21}^4\ \Phi_{11}^2\ \Phi_9^2\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
94340	1416	715	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{715}^2\ \Phi_{143}\ \Phi_{65}^4\ \Phi_{55}^2\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_5^4\ \Phi_1^4$
94341	1416	2580	$\frac{1}{43}$	$\frac{42}{215}$	$\frac{1}{4}$	$\frac{173}{645}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{86}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}\ \Phi_6$
94342	1416	553	$\frac{3}{79}$	$\frac{1}{7}$	$\frac{19}{79}$	$\frac{20}{79}$	$\Phi_{553}^3\ \Phi_7^2$
94343	1416	780	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{19}{78}$	$\frac{1}{4}$	$\Phi_{780}^3\ \Phi_{390}\ \Phi_{260}^3\ \Phi_{195}^2\ \Phi_{130}\ \Phi_{65}^2\ \Phi_{60}^3\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
94344	1416	308	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{18}{77}$	$\frac{1}{4}$	$\Phi_{308}^6\ \Phi_{154}^6\ \Phi_{44}^7\ \Phi_{28}^6\ \Phi_{22}^7\ \Phi_{14}^6\ \Phi_4^6\ \Phi_2^6$
94345	1416	516	$\frac{3}{43}$	$\frac{11}{129}$	$\frac{10}{43}$	$\frac{1}{4}$	$\Phi_{516}^4\ \Phi_{258}^4\ \Phi_{172}^3\ \Phi_{86}^3\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^2\ \Phi_2^2$
94346	1416	1260	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{180}\ \Phi_{140}^2\ \Phi_{90}\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
94347	1416	260	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{260}^{7}\ \Phi_{130}^{7}\ \Phi_{52}^{8}\ \Phi_{26}^{8}\ \Phi_{20}^{8}\ \Phi_{10}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}$
94348	1416	132	$\frac{1}{11}$	$\frac{7}{66}$	$\frac{5}{33}$	$\frac{1}{4}$	$\Phi_{132}^{14}\ \Phi_{66}^{6}\ \Phi_{44}^{15}\ \Phi_{33}^{8}\ \Phi_{22}^{7}\ \Phi_{12}^{14}\ \Phi_{11}^{8}\ \Phi_{6}^{6}\ \Phi_{4}^{14}\ \Phi_{3}^{8}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
94349	1416	2156	$\frac{1}{11}$	$\frac{67}{539}$	$\frac{10}{77}$	$\frac{1}{4}$	$\Phi_{2156}\ \Phi_{1078}\ \Phi_{196}\ \Phi_{98}\ \Phi_{44}\ \Phi_{22}$
94350	1416	910	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{3}{14}$	$\Phi_{910}^{2}\ \Phi_{455}^{2}\ \Phi_{130}^{2}\ \Phi_{91}\ \Phi_{65}^{2}$
94351	1416	125	$\frac{7}{125}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{125}^{12}\ \Phi_{25}^{8}\ \Phi_{5}^{11}\ \Phi_{1}^{12}$
94352	1416	70	$\frac{2}{35}$	$\frac{11}{70}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{70}^{24}\ \Phi_{35}^{16}\ \Phi_{14}^{24}\ \Phi_{10}^{24}\ \Phi_{7}^{16}\ \Phi_{5}^{19}\ \Phi_{2}^{24}\ \Phi_{1}^{20}$
94353	1416	200	$\frac{2}{25}$	$\frac{23}{200}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{200}^{8}\ \Phi_{100}^{8}\ \Phi_{50}^{8}\ \Phi_{40}^{8}\ \Phi_{20}^{8}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{5}^{3}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
94354	1416	385	$\frac{31}{385}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{385}^{4}\ \Phi_{77}^{4}\ \Phi_{55}^{4}\ \Phi_{11}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
94355	1416	355	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{12}{71}$	$\frac{1}{5}$	$\Phi_{355}^{5}\ \Phi_{5}^{4}$
94356	1417	2816	$\frac{9}{1408}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1399}{2816}$	$\Phi_{2816}\ \Phi_{256}\ \Phi_{16}\ \Phi_{1}$
94357	1417	216	$\frac{1}{108}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{107}{216}$	$\Phi_{216}\ \Phi_{108}^{12}\ \Phi_{72}\ \Phi_{54}^{12}\ \Phi_{36}^{12}\ \Phi_{27}^{12}\ \Phi_{24}^{2}\ \Phi_{18}^{12}\ \Phi_{12}^{12}\ \Phi_{9}^{12}\ \Phi_{8}^{2}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
94358	1417	1080	$\frac{1}{108}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{107}{216}$	$\Phi_{1080}^{3}\ \Phi_{360}^{3}\ \Phi_{216}\ \Phi_{120}^{3}\ \Phi_{72}\ \Phi_{40}^{3}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
94359	1417	216	$\frac{1}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{107}{216}$	$\Phi_{216}^{13}\ \Phi_{72}^{13}\ \Phi_{24}^{13}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}^{13}\ \Phi_{1}$
94360	1417	432	$\frac{1}{108}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{107}{216}$	$\Phi_{432}^{4}\ \Phi_{216}\ \Phi_{144}^{4}\ \Phi_{108}^{4}\ \Phi_{72}\ \Phi_{54}^{4}\ \Phi_{48}^{4}\ \Phi_{36}^{4}\ \Phi_{27}^{4}\ \Phi_{24}\ \Phi_{18}^{4}\ \Phi_{16}^{5}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
94361	1417	1896	$\frac{5}{474}$	$\frac{1}{6}$	$\frac{479}{1896}$	$\frac{469}{948}$	$\Phi_{1896}\ \Phi_{632}\ \Phi_{474}\ \Phi_{237}\ \Phi_{158}\ \Phi_{79}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
94362	1417	1704	$\frac{3}{284}$	$\frac{287}{1704}$	$\frac{1}{4}$	$\frac{281}{568}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{426}\ \Phi_{284}\ \Phi_{213}\ \Phi_{142}\ \Phi_{71}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
94363	1417	2800	$\frac{17}{1400}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1383}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{112}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
94364	1417	1548	$\frac{2}{129}$	$\frac{131}{1548}$	$\frac{1}{3}$	$\frac{127}{258}$	$\Phi_{1548}\ \Phi_{774}\ \Phi_{516}\ \Phi_{387}\ \Phi_{172}\ \Phi_{129}\ \Phi_{43}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
94365	1417	2784	$\frac{25}{1392}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{1367}{2784}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
94366	1417	2772	$\frac{31}{1386}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1355}{2772}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{132}\ \Phi_{84}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{28}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
94367	1417	2736	$\frac{49}{1368}$	$\frac{1}{24}$	$\frac{23}{72}$	$\frac{1319}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
94368	1417	210	$\frac{4}{105}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{101}{210}$	$\Phi_{210}^{6}\ \Phi_{105}^{7}\ \Phi_{70}^{7}\ \Phi_{42}^{6}\ \Phi_{35}^{8}\ \Phi_{30}^{6}\ \Phi_{21}^{7}\ \Phi_{15}^{7}\ \Phi_{14}^{6}\ \Phi_{10}^{7}\ \Phi_{7}^{7}\ \Phi_{6}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
94369	1417	924	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{23}{132}$	$\frac{21}{44}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{231}^{2}\ \Phi_{154}^{2}\ \Phi_{132}\ \Phi_{84}^{2}\ \Phi_{77}^{2}\ \Phi_{66}\ \Phi_{42}^{2}\ \Phi_{33}\ \Phi_{22}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{12}\ \Phi_{11}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
94370	1417	1920	$\frac{1}{24}$	$\frac{23}{480}$	$\frac{503}{1920}$	$\frac{457}{960}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
94371	1417	1632	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{215}{1632}$	$\frac{193}{408}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{272}\ \Phi_{204}\ \Phi_{102}\ \Phi_{96}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{16}\ \Phi_{1}$
94372	1417	2688	$\frac{1}{24}$	$\frac{73}{1344}$	$\frac{23}{96}$	$\frac{1271}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
94373	1417	2688	$\frac{73}{1344}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1271}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{128}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
94374	1417	1452	$\frac{35}{1452}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{484}\ \Phi_{363}\ \Phi_{242}\ \Phi_{132}\ \Phi_{121}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
94375	1417	2640	$\frac{1}{24}$	$\frac{97}{1320}$	$\frac{23}{120}$	$\frac{1223}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
94376	1417	1728	$\frac{1}{24}$	$\frac{23}{288}$	$\frac{311}{1728}$	$\frac{265}{576}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
94377	1417	888	$\frac{2}{111}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{888}^{3}\ \Phi_{296}^{3}\ \Phi_{111}\ \Phi_{37}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
94378	1417	648	$\frac{1}{54}$	$\frac{1}{12}$	$\frac{53}{162}$	$\frac{11}{24}$	$\Phi_{648}^{6}\ \Phi_{162}\ \Phi_{81}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
94379	1417	336	$\frac{3}{112}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{112}^{5}\ \Phi_{84}^{4}\ \Phi_{56}^{5}\ \Phi_{48}^{4}\ \Phi_{42}^{4}\ \Phi_{28}^{5}\ \Phi_{24}\ \Phi_{21}^{4}\ \Phi_{16}^{5}\ \Phi_{14}^{5}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
94380	1417	144	$\frac{1}{36}$	$\frac{1}{12}$	$\frac{35}{144}$	$\frac{11}{24}$	$\Phi_{144}^{13}\ \Phi_{72}\ \Phi_{48}^{13}\ \Phi_{36}^{12}\ \Phi_{24}^{2}\ \Phi_{18}^{12}\ \Phi_{16}^{13}\ \Phi_{12}^{12}\ \Phi_{9}^{12}\ \Phi_{8}^{2}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
94381	1417	1080	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{26}{135}$	$\frac{11}{24}$	$\Phi_{1080}^{3}\ \Phi_{360}^{3}\ \Phi_{135}\ \Phi_{120}^{3}\ \Phi_{45}\ \Phi_{40}^{3}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
94382	1417	456	$\frac{5}{114}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{456}^{6}\ \Phi_{152}^{6}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
94383	1417	504	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{17}{126}$	$\frac{11}{24}$	$\Phi_{504}^{6}\ \Phi_{168}^{6}\ \Phi_{126}\ \Phi_{63}\ \Phi_{56}^{6}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
94384	1417	936	$\frac{8}{117}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{24}$	$\Phi_{936}^{3}\ \Phi_{312}^{3}\ \Phi_{117}\ \Phi_{104}^{3}\ \Phi_{39}\ \Phi_{24}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
94385	1417	120	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{11}{24}$	$\Phi_{120}^{13}\ \Phi_{60}^{13}\ \Phi_{40}^{13}\ \Phi_{30}^{13}\ \Phi_{24}^{2}\ \Phi_{20}^{13}\ \Phi_{15}^{13}\ \Phi_{12}^{12}\ \Phi_{10}^{13}\ \Phi_{8}^{2}\ \Phi_{6}^{12}\ \Phi_{5}^{13}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
94386	1417	1400	$\frac{1}{14}$	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{200}$	$\Phi_{1400}^{2}\ \Phi_{280}^{2}\ \Phi_{200}\ \Phi_{70}^{2}\ \Phi_{56}^{2}\ \Phi_{40}\ \Phi_{35}^{2}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
94387	1417	2592	$\frac{1}{24}$	$\frac{121}{1296}$	$\frac{23}{144}$	$\frac{1175}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
94388	1417	2580	$\frac{2}{129}$	$\frac{127}{1290}$	$\frac{1}{3}$	$\frac{1163}{2580}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{516}\ \Phi_{172}\ \Phi_{129}\ \Phi_{60}\ \Phi_{43}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
94389	1417	840	$\frac{1}{14}$	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{120}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{40}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
94390	1417	1386	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{198}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{154}^{2}\ \Phi_{126}\ \Phi_{99}\ \Phi_{77}^{2}\ \Phi_{63}\ \Phi_{42}\ \Phi_{33}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}\ \Phi_{11}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
94391	1417	2112	$\frac{9}{704}$	$\frac{1}{8}$	$\frac{695}{2112}$	$\frac{7}{16}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
94392	1417	1440	$\frac{23}{1440}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
94393	1417	1760	$\frac{9}{352}$	$\frac{1}{8}$	$\frac{343}{1760}$	$\frac{7}{16}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
94394	1417	1472	$\frac{55}{1472}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_{1}$
94395	1417	1584	$\frac{9}{176}$	$\frac{167}{1584}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{72}\ \Phi_{66}\ \Phi_{48}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
94396	1417	1536	$\frac{9}{128}$	$\frac{119}{1536}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
94397	1417	1512	$\frac{95}{1512}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{168}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
94398	1417	1440	$\frac{23}{1440}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
94399	1417	2448	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{193}{1224}$	$\frac{1031}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{204}\ \Phi_{144}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{1}$
94400	1417	2400	$\frac{1}{24}$	$\frac{23}{240}$	$\frac{217}{1200}$	$\frac{983}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
94401	1417	1770	$\frac{1}{59}$	$\frac{58}{295}$	$\frac{353}{1770}$	$\frac{237}{590}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{354}\ \Phi_{295}\ \Phi_{177}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
94402	1417	2360	$\frac{1}{59}$	$\frac{58}{295}$	$\frac{237}{1180}$	$\frac{943}{2360}$	$\Phi_{2360}\ \Phi_{472}\ \Phi_{295}\ \Phi_{40}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
94403	1417	2304	$\frac{1}{24}$	$\frac{23}{288}$	$\frac{265}{1152}$	$\frac{887}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
94404	1417	177	$\frac{8}{177}$	$\frac{13}{177}$	$\frac{41}{177}$	$\frac{68}{177}$	$\Phi_{177}^{8}\ \Phi_{59}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{9}$
94405	1417	1232	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{21}{88}$	$\frac{67}{176}$	$\Phi_{1232}^{2}\ \Phi_{176}\ \Phi_{154}^{2}\ \Phi_{112}^{2}\ \Phi_{77}^{2}\ \Phi_{22}\ \Phi_{16}\ \Phi_{14}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
94406	1417	1536	$\frac{1}{24}$	$\frac{119}{1536}$	$\frac{23}{96}$	$\frac{73}{192}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
94407	1417	2272	$\frac{3}{284}$	$\frac{281}{1136}$	$\frac{1}{4}$	$\frac{855}{2272}$	$\Phi_{2272}\ \Phi_{284}\ \Phi_{142}\ \Phi_{71}\ \Phi_{32}\ \Phi_{1}$
94408	1417	1440	$\frac{23}{1440}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
94409	1417	2160	$\frac{1}{24}$	$\frac{23}{360}$	$\frac{337}{1080}$	$\frac{743}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
94410	1417	2124	$\frac{1}{177}$	$\frac{176}{531}$	$\frac{707}{2124}$	$\frac{355}{1062}$	$\Phi_{2124}\ \Phi_{708}\ \Phi_{531}\ \Phi_{236}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
94411	1417	555	$\frac{2}{111}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{555}^3\ \Phi_{185}^3\ \Phi_{111}\ \Phi_{37}\ \Phi_{15}\ \Phi_5\ \Phi_1$
94412	1417	810	$\frac{1}{54}$	$\frac{2}{15}$	$\frac{53}{162}$	$\frac{1}{3}$	$\Phi_{810}^3\ \Phi_{405}^3\ \Phi_{162}\ \Phi_{81}\ \Phi_{15}\ \Phi_5\ \Phi_1$
94413	1417	2079	$\frac{31}{693}$	$\frac{2}{33}$	$\frac{662}{2079}$	$\frac{1}{3}$	$\Phi_{2079}\ \Phi_{297}\ \Phi_{189}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_1$
94414	1417	1485	$\frac{68}{1485}$	$\frac{2}{33}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{27}\ \Phi_{15}\ \Phi_{11}\ \Phi_5\ \Phi_1$
94415	1417	666	$\frac{2}{111}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{666}^3\ \Phi_{333}^3\ \Phi_{111}\ \Phi_{37}\ \Phi_{18}\ \Phi_9\ \Phi_1$
94416	1417	1935	$\frac{2}{129}$	$\frac{127}{645}$	$\frac{518}{1935}$	$\frac{1}{3}$	$\Phi_{1935}\ \Phi_{387}\ \Phi_{129}\ \Phi_{45}\ \Phi_{43}\ \Phi_9\ \Phi_1$
94417	1417	1776	$\frac{2}{111}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{592}\ \Phi_{296}\ \Phi_{111}\ \Phi_{37}\ \Phi_{16}\ \Phi_8\ \Phi_1$
94418	1417	1680	$\frac{3}{112}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{16}\ \Phi_{15}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
94419	1417	720	$\frac{1}{36}$	$\frac{2}{15}$	$\frac{35}{144}$	$\frac{1}{3}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{144}\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}^3\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
94420	1417	1848	$\frac{2}{33}$	$\frac{31}{462}$	$\frac{431}{1848}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{56}\ \Phi_{44}\ \Phi_{33}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
94421	1417	135	$\frac{1}{27}$	$\frac{2}{15}$	$\frac{26}{135}$	$\frac{1}{3}$	$\Phi_{135}^{10}\ \Phi_{45}^{10}\ \Phi_{27}^{12}\ \Phi_{15}^{11}\ \Phi_9^{12}\ \Phi_5^{11}\ \Phi_3^{12}\ \Phi_1^{13}$
94422	1417	570	$\frac{5}{114}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{570}^3\ \Phi_{285}^3\ \Phi_{190}^3\ \Phi_{114}\ \Phi_{95}^3\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{15}\ \Phi_5\ \Phi_1$
94423	1417	1584	$\frac{2}{33}$	$\frac{167}{1584}$	$\frac{31}{198}$	$\frac{1}{3}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{88}\ \Phi_{72}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
94424	1417	630	$\frac{1}{18}$	$\frac{2}{15}$	$\frac{17}{126}$	$\frac{1}{3}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{126}\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}^3\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_7\ \Phi_5\ \Phi_1$
94425	1417	1617	$\frac{2}{33}$	$\frac{200}{1617}$	$\frac{31}{231}$	$\frac{1}{3}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{147}\ \Phi_{49}\ \Phi_{33}\ \Phi_{11}\ \Phi_1$
94426	1417	585	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{585}^3\ \Phi_{195}^3\ \Phi_{117}\ \Phi_{65}^3\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_5\ \Phi_1$
94427	1417	120	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{120}^{13}\ \Phi_{60}^{10}\ \Phi_{40}^{13}\ \Phi_{30}^{10}\ \Phi_{24}^{13}\ \Phi_{20}^{10}\ \Phi_{15}^{11}\ \Phi_{12}^{12}\ \Phi_{10}^{10}\ \Phi_8^{13}\ \Phi_6^{12}\ \Phi_5^{11}\ \Phi_4^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
94428	1417	162	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{53}{162}$	$\Phi_{162}^{13}\ \Phi_{81}^{13}\ \Phi_{18}\ \Phi_9\ \Phi_1$
94429	1417	1296	$\frac{1}{54}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{53}{162}$	$\Phi_{1296}^2\ \Phi_{648}^2\ \Phi_{162}\ \Phi_{81}\ \Phi_{16}\ \Phi_8\ \Phi_1$
94430	1417	2100	$\frac{17}{700}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{683}{2100}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{105}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
94431	1417	1836	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{419}{1836}$	$\frac{193}{612}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{459}\ \Phi_{204}\ \Phi_{108}\ \Phi_{102}\ \Phi_{68}\ \Phi_{54}\ \Phi_{51}\ \Phi_{34}\ \Phi_{27}\ \Phi_{17}\ \Phi_1$
94432	1417	924	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{23}{132}$	$\frac{10}{33}$	$\Phi_{924}^2\ \Phi_{462}\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{11}\ \Phi_7\ \Phi_4\ \Phi_3\ \Phi_1$
94433	1417	2016	$\frac{1}{24}$	$\frac{73}{672}$	$\frac{23}{96}$	$\frac{599}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
94434	1417	2016	$\frac{1}{12}$	$\frac{73}{672}$	$\frac{11}{84}$	$\frac{599}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
94435	1417	1728	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{311}{1728}$	$\frac{121}{432}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
94436	1417	1008	$\frac{3}{112}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{252}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}\ \Phi_{28}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
94437	1417	144	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{35}{144}$	$\frac{5}{18}$	$\Phi_{144}^{13}\ \Phi_{72}^{13}\ \Phi_{48}^{13}\ \Phi_{24}^{13}\ \Phi_{18}\ \Phi_{16}^{13}\ \Phi_9\ \Phi_8^{13}\ \Phi_1$
94438	1417	1458	$\frac{41}{1458}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{1458}\ \Phi_{729}\ \Phi_{486}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{18}\ \Phi_9\ \Phi_1$
94439	1417	270	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{26}{135}$	$\frac{5}{18}$	$\Phi_{270}^6\ \Phi_{135}^7\ \Phi_{90}^6\ \Phi_{45}^7\ \Phi_{30}^6\ \Phi_{18}\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_9\ \Phi_5^7\ \Phi_1$
94440	1417	342	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{342}^6\ \Phi_{171}^6\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_1$
94441	1417	126	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{126}^{13}\ \Phi_{63}^{13}\ \Phi_{42}^{13}\ \Phi_{21}^{13}\ \Phi_{18}\ \Phi_{14}^{13}\ \Phi_9\ \Phi_7^{13}\ \Phi_1$
94442	1417	1512	$\frac{95}{1512}$	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
94443	1417	234	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{234}^6\ \Phi_{117}^7\ \Phi_{78}^6\ \Phi_{39}^7\ \Phi_{26}^6\ \Phi_{18}\ \Phi_{13}^7\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
94444	1417	360	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}\ \Phi_{90}^{6}\ \Phi_{72}^{6}\ \Phi_{60}\ \Phi_{45}^{6}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
94445	1417	1050	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{150}$	$\Phi_{1050}^{2}\ \Phi_{525}^{2}\ \Phi_{210}^{2}\ \Phi_{150}\ \Phi_{105}^{2}\ \Phi_{75}\ \Phi_{70}^{2}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
94446	1417	840	$\frac{1}{14}$	$\frac{11}{120}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}\ \Phi_{168}^{2}\ \Phi_{140}^{2}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
94447	1417	112	$\frac{3}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{112}^{13}\ \Phi_{56}^{13}\ \Phi_{28}^{13}\ \Phi_{16}^{10}\ \Phi_{14}^{13}\ \Phi_{8}^{10}\ \Phi_{7}^{13}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
94448	1417	144	$\frac{1}{36}$	$\frac{3}{16}$	$\frac{35}{144}$	$\frac{1}{4}$	$\Phi_{144}^{9}\ \Phi_{72}^{9}\ \Phi_{48}^{9}\ \Phi_{36}^{12}\ \Phi_{24}^{9}\ \Phi_{18}^{12}\ \Phi_{16}^{10}\ \Phi_{12}^{12}\ \Phi_{9}^{12}\ \Phi_{8}^{10}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
94449	1417	2160	$\frac{1}{27}$	$\frac{3}{16}$	$\frac{26}{135}$	$\frac{1}{4}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{135}\ \Phi_{120}\ \Phi_{80}\ \Phi_{45}\ \Phi_{40}\ \Phi_{16}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
94450	1417	912	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{912}^{2}\ \Phi_{456}^{2}\ \Phi_{304}^{2}\ \Phi_{152}^{2}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
94451	1417	1008	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{126}\ \Phi_{112}^{2}\ \Phi_{63}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
94452	1417	1872	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{117}\ \Phi_{104}\ \Phi_{39}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
94453	1417	240	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{240}^{8}\ \Phi_{120}^{5}\ \Phi_{80}^{8}\ \Phi_{60}^{5}\ \Phi_{48}^{4}\ \Phi_{40}^{5}\ \Phi_{30}^{5}\ \Phi_{24}\ \Phi_{20}^{5}\ \Phi_{16}^{5}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{10}^{5}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
94454	1417	1500	$\frac{83}{1500}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}\ \Phi_{250}\ \Phi_{150}\ \Phi_{125}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
94455	1417	1680	$\frac{17}{280}$	$\frac{3}{20}$	$\frac{263}{1680}$	$\frac{1}{4}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
94456	1417	1540	$\frac{123}{1540}$	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{110}\ \Phi_{77}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
94457	1417	1600	$\frac{17}{200}$	$\frac{183}{1600}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
94458	1417	140	$\frac{1}{14}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{140}$	$\Phi_{140}^{13}\ \Phi_{70}^{7}\ \Phi_{35}^{8}\ \Phi_{28}^{13}\ \Phi_{20}^{13}\ \Phi_{14}^{6}\ \Phi_{10}^{7}\ \Phi_{7}^{7}\ \Phi_{5}^{7}\ \Phi_{4}^{13}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
94459	1417	1680	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{263}{1680}$	$\frac{73}{336}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
94460	1418	1410	$\frac{4}{705}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{701}{1410}$	$\Phi_{1410}^{2}\ \Phi_{470}^{2}\ \Phi_{282}^{2}\ \Phi_{94}^{2}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
94461	1418	852	$\frac{1}{142}$	$\frac{143}{852}$	$\frac{1}{3}$	$\frac{141}{284}$	$\Phi_{852}\ \Phi_{426}^{2}\ \Phi_{284}^{2}\ \Phi_{213}^{2}\ \Phi_{142}^{2}\ \Phi_{71}^{2}\ \Phi_{12}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
94462	1418	1308	$\frac{1}{109}$	$\frac{55}{654}$	$\frac{599}{1308}$	$\frac{54}{109}$	$\Phi_{1308}^{2}\ \Phi_{436}^{2}\ \Phi_{109}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
94463	1418	981	$\frac{1}{109}$	$\frac{55}{327}$	$\frac{272}{981}$	$\frac{54}{109}$	$\Phi_{981}^{2}\ \Phi_{109}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
94464	1418	872	$\frac{1}{109}$	$\frac{163}{872}$	$\frac{55}{218}$	$\frac{54}{109}$	$\Phi_{872}^{2}\ \Phi_{436}^{2}\ \Phi_{109}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
94465	1418	1404	$\frac{7}{702}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{695}{1404}$	$\Phi_{1404}^{2}\ \Phi_{468}^{2}\ \Phi_{156}^{2}\ \Phi_{108}^{2}\ \Phi_{52}^{2}\ \Phi_{36}^{2}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
94466	1418	4200	$\frac{9}{700}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{691}{1400}$	$\Phi_{4200}\ \Phi_{840}\ \Phi_{600}\ \Phi_{168}\ \Phi_{120}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{6}$
94467	1418	1365	$\frac{53}{1365}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{656}{1365}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}^{2}\ \Phi_{39}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{13}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
94468	1418	858	$\frac{6}{143}$	$\frac{1}{13}$	$\frac{149}{858}$	$\frac{137}{286}$	$\Phi_{858}^{2}\ \Phi_{429}^{2}\ \Phi_{143}^{2}\ \Phi_{78}^{2}\ \Phi_{66}^{2}\ \Phi_{39}^{2}\ \Phi_{33}^{2}\ \Phi_{13}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
94469	1418	1053	$\frac{7}{351}$	$\frac{1}{13}$	$\frac{344}{1053}$	$\frac{6}{13}$	$\Phi_{1053}^{2}\ \Phi_{81}^{2}\ \Phi_{13}\ \Phi_{1}^{2}$
94470	1418	728	$\frac{19}{728}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{728}^{2}\ \Phi_{364}^{2}\ \Phi_{182}^{2}\ \Phi_{104}^{2}\ \Phi_{91}^{2}\ \Phi_{56}^{2}\ \Phi_{52}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
94471	1418	936	$\frac{7}{234}$	$\frac{1}{13}$	$\frac{227}{936}$	$\frac{6}{13}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{312}^{2}\ \Phi_{156}^{2}\ \Phi_{104}^{2}\ \Phi_{72}^{2}\ \Phi_{52}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
94472	1418	741	$\frac{32}{741}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{741}^{2}\ \Phi_{247}^{2}\ \Phi_{57}^{2}\ \Phi_{19}^{2}\ \Phi_{13}\ \Phi_{1}^{2}$
94473	1418	819	$\frac{7}{117}$	$\frac{1}{13}$	$\frac{110}{819}$	$\frac{6}{13}$	$\Phi_{819}^{2}\ \Phi_{273}^{2}\ \Phi_{91}^{2}\ \Phi_{63}^{2}\ \Phi_{21}^{2}\ \Phi_{13}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
94474	1418	780	$\frac{1}{13}$	$\frac{7}{78}$	$\frac{71}{780}$	$\frac{6}{13}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
94475	1418	1300	$\frac{1}{13}$	$\frac{59}{650}$	$\frac{6}{65}$	$\frac{591}{1300}$	$\Phi_{1300}^2\ \Phi_{260}^2\ \Phi_{100}^2\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{20}^2\ \Phi_{13}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
94476	1418	780	$\frac{1}{13}$	$\frac{71}{780}$	$\frac{6}{65}$	$\frac{59}{130}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
94477	1418	720	$\frac{11}{720}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94478	1418	1287	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{131}{1287}$	$\frac{578}{1287}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}^2\ \Phi_{117}\ \Phi_{99}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
94479	1418	1278	$\frac{1}{71}$	$\frac{70}{639}$	$\frac{1}{3}$	$\frac{569}{1278}$	$\Phi_{1278}^2\ \Phi_{426}^2\ \Phi_{213}\ \Phi_{142}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_2^2$
94480	1418	1144	$\frac{6}{143}$	$\frac{1}{13}$	$\frac{137}{572}$	$\frac{435}{1144}$	$\Phi_{1144}^2\ \Phi_{143}^2\ \Phi_{104}^2\ \Phi_{88}^2\ \Phi_{13}\ \Phi_{11}^2\ \Phi_8^2\ \Phi_1^2$
94481	1418	3408	$\frac{1}{142}$	$\frac{141}{568}$	$\frac{1}{3}$	$\frac{427}{1136}$	$\Phi_{3408}\ \Phi_{426}\ \Phi_{213}\ \Phi_{48}\ \Phi_6$
94482	1418	852	$\frac{1}{71}$	$\frac{143}{852}$	$\frac{70}{213}$	$\frac{1}{3}$	$\Phi_{852}^2\ \Phi_{426}^2\ \Phi_{284}^2\ \Phi_{213}\ \Phi_{142}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
94483	1418	1050	$\frac{9}{350}$	$\frac{1}{10}$	$\frac{341}{1050}$	$\frac{1}{3}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}^2\ \Phi_{210}\ \Phi_{175}^2\ \Phi_{150}\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94484	1418	720	$\frac{11}{720}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
94485	1418	2820	$\frac{4}{235}$	$\frac{1}{5}$	$\frac{231}{940}$	$\frac{1}{3}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{564}\ \Phi_{282}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
94486	1418	750	$\frac{41}{750}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{750}^2\ \Phi_{375}^2\ \Phi_{250}^2\ \Phi_{150}\ \Phi_{125}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94487	1418	840	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{131}{840}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94488	1418	2310	$\frac{61}{770}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{165}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
94489	1418	2400	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{800}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
94490	1418	858	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{149}{858}$	$\frac{131}{429}$	$\Phi_{858}^2\ \Phi_{429}\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{78}^2\ \Phi_{66}^2\ \Phi_{39}\ \Phi_{33}\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{13}\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94491	1418	975	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{59}{325}$	$\frac{266}{975}$	$\Phi_{975}^2\ \Phi_{195}^2\ \Phi_{75}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
94492	1418	780	$\frac{1}{13}$	$\frac{71}{780}$	$\frac{12}{65}$	$\frac{53}{195}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94493	1418	910	$\frac{1}{13}$	$\frac{53}{455}$	$\frac{12}{65}$	$\frac{201}{910}$	$\Phi_{910}^2\ \Phi_{455}\ \Phi_{182}^2\ \Phi_{130}^2\ \Phi_{91}\ \Phi_{70}^2\ \Phi_{65}^2\ \Phi_{35}\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
94494	1419	1884	$\frac{2}{471}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{469}{942}$	$\Phi_{1884}\ \Phi_{628}\ \Phi_{471}\ \Phi_{157}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
94495	1419	632	$\frac{1}{158}$	$\frac{1}{4}$	$\frac{159}{632}$	$\frac{157}{316}$	$\Phi_{632}^3\ \Phi_{316}^2\ \Phi_{158}\ \Phi_{79}\ \Phi_8^3\ \Phi_4\ \Phi_1$
94496	1419	1280	$\frac{1}{128}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{127}{256}$	$\Phi_{1280}^2\ \Phi_{256}^3\ \Phi_{20}\ \Phi_4\ \Phi_1$
94497	1419	3840	$\frac{1}{128}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{127}{256}$	$\Phi_{3840}\ \Phi_{768}\ \Phi_{256}\ \Phi_{15}\ \Phi_3\ \Phi_1$
94498	1419	936	$\frac{5}{468}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{463}{936}$	$\Phi_{936}^3\ \Phi_{312}^3\ \Phi_{104}^3\ \Phi_{72}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
94499	1419	1344	$\frac{1}{42}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{41}{84}$	$\Phi_{1344}^2\ \Phi_{448}^2\ \Phi_{192}^2\ \Phi_{84}\ \Phi_{64}^3\ \Phi_{28}\ \Phi_{12}\ \Phi_4\ \Phi_1$
94500	1419	336	$\frac{1}{42}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{41}{84}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^4\ \Phi_{84}^5\ \Phi_{56}^4\ \Phi_{48}^4\ \Phi_{42}^4\ \Phi_{28}^5\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_{16}^6\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_8^6\ \Phi_7^4\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
94501	1419	84	$\frac{1}{42}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{41}{84}$	$\Phi_{84}^{17}\ \Phi_{42}^{16}\ \Phi_{28}^{17}\ \Phi_{21}^{16}\ \Phi_{14}^{16}\ \Phi_{12}^{20}\ \Phi_7^{16}\ \Phi_6^{19}\ \Phi_4^{19}\ \Phi_3^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
94502	1419	840	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{41}{84}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
94503	1419	2880	$\frac{1}{32}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{64}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
94504	1419	4032	$\frac{1}{32}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{31}{64}$	$\Phi_{4032}\ \Phi_{576}\ \Phi_{64}\ \Phi_{63}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
94505	1419	448	$\frac{1}{32}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{31}{64}$	$\Phi_{448}^{6}\ \Phi_{64}^{7}\ \Phi_{56}\ \Phi_{28}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
94506	1419	192	$\frac{1}{32}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{31}{64}$	$\Phi_{192}^{14}\ \Phi_{64}^{15}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
94507	1419	3136	$\frac{1}{32}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{31}{64}$	$\Phi_{3136}\ \Phi_{64}\ \Phi_{49}\ \Phi_{1}$
94508	1419	1500	$\frac{4}{125}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{121}{250}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}\ \Phi_{150}\ \Phi_{125}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
94509	1419	156	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{9}{52}$	$\frac{25}{52}$	$\Phi_{156}^{10}\ \Phi_{78}^{10}\ \Phi_{52}^{8}\ \Phi_{39}^{10}\ \Phi_{26}^{7}\ \Phi_{13}^{7}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{7}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
94510	1419	1360	$\frac{1}{34}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{1360}^{2}\ \Phi_{272}^{2}\ \Phi_{80}\ \Phi_{68}^{2}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
94511	1419	240	$\frac{3}{40}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{37}{80}$	$\Phi_{240}^{12}\ \Phi_{80}^{9}\ \Phi_{60}^{2}\ \Phi_{48}^{12}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{9}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
94512	1419	320	$\frac{1}{64}$	$\frac{1}{10}$	$\frac{21}{64}$	$\frac{9}{20}$	$\Phi_{320}^{4}\ \Phi_{160}^{4}\ \Phi_{80}^{4}\ \Phi_{64}^{6}\ \Phi_{40}^{4}\ \Phi_{32}^{6}\ \Phi_{20}^{5}\ \Phi_{16}^{6}\ \Phi_{10}^{4}\ \Phi_{8}^{6}\ \Phi_{5}^{4}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
94513	1419	220	$\frac{1}{44}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{220}^{6}\ \Phi_{110}^{6}\ \Phi_{55}^{6}\ \Phi_{44}^{9}\ \Phi_{22}^{9}\ \Phi_{20}^{5}\ \Phi_{11}^{9}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
94514	1419	160	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{31}{160}$	$\frac{9}{20}$	$\Phi_{160}^{9}\ \Phi_{80}^{9}\ \Phi_{40}^{9}\ \Phi_{32}^{8}\ \Phi_{20}^{10}\ \Phi_{16}^{8}\ \Phi_{10}^{9}\ \Phi_{8}^{8}\ \Phi_{5}^{9}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
94515	1419	680	$\frac{7}{136}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{680}^{2}\ \Phi_{340}^{2}\ \Phi_{170}^{2}\ \Phi_{136}^{3}\ \Phi_{85}^{2}\ \Phi_{68}^{3}\ \Phi_{34}^{3}\ \Phi_{20}\ \Phi_{17}^{3}\ \Phi_{4}\ \Phi_{1}$
94516	1419	240	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{5}{48}$	$\frac{9}{20}$	$\Phi_{240}^{6}\ \Phi_{120}^{6}\ \Phi_{80}^{4}\ \Phi_{60}^{6}\ \Phi_{48}^{9}\ \Phi_{40}^{4}\ \Phi_{30}^{6}\ \Phi_{24}^{9}\ \Phi_{20}^{5}\ \Phi_{16}^{6}\ \Phi_{15}^{6}\ \Phi_{12}^{9}\ \Phi_{10}^{4}\ \Phi_{8}^{6}\ \Phi_{6}^{9}\ \Phi_{5}^{4}\ \Phi_{4}^{7}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
94517	1419	420	$\frac{11}{140}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{3}\ \Phi_{105}^{4}\ \Phi_{84}^{4}\ \Phi_{70}^{3}\ \Phi_{60}^{2}\ \Phi_{42}^{4}\ \Phi_{35}^{3}\ \Phi_{30}^{2}\ \Phi_{28}^{3}\ \Phi_{21}^{4}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{3}\ \Phi_{12}\ \Phi_{10}\ \Phi_{7}^{3}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
94518	1419	156	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{4}{39}$	$\frac{35}{78}$	$\Phi_{156}^{10}\ \Phi_{78}^{7}\ \Phi_{52}^{10}\ \Phi_{39}^{10}\ \Phi_{26}^{7}\ \Phi_{13}^{9}\ \Phi_{12}^{9}\ \Phi_{6}^{6}\ \Phi_{4}^{9}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
94519	1419	480	$\frac{7}{480}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{3}\ \Phi_{120}^{3}\ \Phi_{96}^{3}\ \Phi_{80}^{3}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
94520	1419	1580	$\frac{1}{79}$	$\frac{78}{395}$	$\frac{1}{4}$	$\frac{317}{790}$	$\Phi_{1580}\ \Phi_{395}\ \Phi_{316}^{2}\ \Phi_{158}\ \Phi_{79}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
94521	1419	1170	$\frac{1}{130}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}^{2}\ \Phi_{234}\ \Phi_{195}^{2}\ \Phi_{130}\ \Phi_{117}\ \Phi_{90}\ \Phi_{78}^{2}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}^{2}\ \Phi_{30}^{2}\ \Phi_{26}\ \Phi_{15}^{2}\ \Phi_{13}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
94522	1419	624	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{25}{104}$	$\frac{79}{208}$	$\Phi_{624}^{4}\ \Phi_{208}^{3}\ \Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{48}^{4}\ \Phi_{39}^{2}\ \Phi_{26}\ \Phi_{16}^{3}\ \Phi_{13}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
94523	1419	1040	$\frac{1}{130}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1040}^{2}\ \Phi_{260}^{2}\ \Phi_{208}^{2}\ \Phi_{130}\ \Phi_{80}^{2}\ \Phi_{65}\ \Phi_{52}^{2}\ \Phi_{26}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
94524	1419	816	$\frac{1}{34}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{816}^{2}\ \Phi_{408}^{2}\ \Phi_{272}^{2}\ \Phi_{204}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{51}^{2}\ \Phi_{48}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
94525	1419	1122	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{374}^{2}\ \Phi_{187}^{2}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}\ \Phi_{33}\ \Phi_{22}\ \Phi_{17}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}$
94526	1419	609	$\frac{2}{203}$	$\frac{136}{609}$	$\frac{67}{203}$	$\frac{1}{3}$	$\Phi_{609}^{2}\ \Phi_{203}^{3}\ \Phi_{87}^{2}\ \Phi_{29}^{3}\ \Phi_{21}^{2}\ \Phi_{7}^{3}\ \Phi_{3}\ \Phi_{1}^{3}$
94527	1419	720	$\frac{2}{45}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{180}^{2}\ \Phi_{144}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{80}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{3}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
94528	1419	180	$\frac{2}{45}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^{8}\ \Phi_{90}^{8}\ \Phi_{60}^{8}\ \Phi_{45}^{9}\ \Phi_{36}^{8}\ \Phi_{30}^{8}\ \Phi_{20}^{8}\ \Phi_{18}^{8}\ \Phi_{15}^{9}\ \Phi_{12}^{3}\ \Phi_{10}^{8}\ \Phi_{9}^{9}\ \Phi_{6}^{3}\ \Phi_{5}^{9}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
94529	1419	360	$\frac{2}{45}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{3}\ \Phi_{90}^{4}\ \Phi_{72}^{4}\ \Phi_{60}^{3}\ \Phi_{45}^{5}\ \Phi_{40}^{4}\ \Phi_{36}^{4}\ \Phi_{30}^{3}\ \Phi_{24}^{4}\ \Phi_{20}^{4}\ \Phi_{18}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
94530	1419	960	$\frac{1}{64}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{21}{64}$	$\Phi_{960}^{2}\ \Phi_{480}^{2}\ \Phi_{240}^{2}\ \Phi_{192}^{2}\ \Phi_{120}^{2}\ \Phi_{96}^{2}\ \Phi_{64}^{2}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{32}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
94531	1419	1404	$\frac{5}{234}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{229}{702}$	$\Phi_{1404}^{2}\ \Phi_{702}\ \Phi_{351}\ \Phi_{108}^{2}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
94532	1419	1008	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{20}{63}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{144}^{2}\ \Phi_{126}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{3}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
94533	1419	252	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{20}{63}$	$\Phi_{252}^{8}\ \Phi_{126}^{8}\ \Phi_{63}^{9}\ \Phi_{36}^{8}\ \Phi_{18}^{8}\ \Phi_{12}^{3}\ \Phi_{9}^{9}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
94534	1419	2520	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{20}{63}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{360}\ \Phi_{315}\ \Phi_{180}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
94535	1419	112	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{5}{16}$	$\Phi_{112}^{12}\ \Phi_{56}^{13}\ \Phi_{28}^{13}\ \Phi_{16}^{14}\ \Phi_{14}^{12}\ \Phi_{8}^{15}\ \Phi_{7}^{12}\ \Phi_{4}^{15}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
94536	1419	48	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{5}{16}$	$\Phi_{48}^{29}\ \Phi_{24}^{29}\ \Phi_{16}^{31}\ \Phi_{12}^{29}\ \Phi_{8}^{31}\ \Phi_{6}^{28}\ \Phi_{4}^{31}\ \Phi_{3}^{28}\ \Phi_{2}^{30}\ \Phi_{1}^{31}$
94537	1419	784	$\frac{1}{16}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{5}{16}$	$\Phi_{784}^{2}\ \Phi_{392}^{2}\ \Phi_{196}^{2}\ \Phi_{98}^{2}\ \Phi_{49}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
94538	1419	156	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{9}{52}$	$\frac{4}{13}$	$\Phi_{156}^{10}\ \Phi_{78}^{10}\ \Phi_{52}^{7}\ \Phi_{39}^{10}\ \Phi_{26}^{7}\ \Phi_{13}^{9}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{6}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
94539	1419	300	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{7}{50}$	$\frac{3}{10}$	$\Phi_{300}^{6}\ \Phi_{150}^{6}\ \Phi_{100}^{6}\ \Phi_{75}^{6}\ \Phi_{60}^{2}\ \Phi_{50}^{3}\ \Phi_{30}^{2}\ \Phi_{25}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
94540	1419	1020	$\frac{1}{34}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{255}^{2}\ \Phi_{204}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{60}\ \Phi_{51}^{2}\ \Phi_{34}\ \Phi_{30}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
94541	1419	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{60}$	$\Phi_{60}^{23}\ \Phi_{30}^{23}\ \Phi_{20}^{26}\ \Phi_{15}^{23}\ \Phi_{12}^{22}\ \Phi_{10}^{25}\ \Phi_{6}^{22}\ \Phi_{5}^{25}\ \Phi_{4}^{25}\ \Phi_{3}^{22}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
94542	1419	972	$\frac{13}{486}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{972}^{2}\ \Phi_{486}\ \Phi_{324}^{2}\ \Phi_{243}\ \Phi_{162}\ \Phi_{108}^{2}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
94543	1419	660	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{165}^{3}\ \Phi_{132}^{3}\ \Phi_{66}^{3}\ \Phi_{60}^{2}\ \Phi_{44}^{3}\ \Phi_{33}^{3}\ \Phi_{30}^{2}\ \Phi_{22}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{11}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
94544	1419	480	$\frac{1}{32}$	$\frac{31}{160}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}\ \Phi_{120}^{4}\ \Phi_{96}^{4}\ \Phi_{80}\ \Phi_{60}^{4}\ \Phi_{48}^{4}\ \Phi_{40}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{3}^{5}\ \Phi_{1}$
94545	1419	2040	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
94546	1419	240	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{240}^{5}\ \Phi_{120}^{5}\ \Phi_{80}^{6}\ \Phi_{60}^{5}\ \Phi_{48}^{8}\ \Phi_{40}^{6}\ \Phi_{30}^{5}\ \Phi_{24}^{8}\ \Phi_{20}^{6}\ \Phi_{16}^{8}\ \Phi_{15}^{6}\ \Phi_{12}^{8}\ \Phi_{10}^{6}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
94547	1419	624	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{151}{624}$	$\frac{1}{4}$	$\Phi_{624}^{3}\ \Phi_{312}^{3}\ \Phi_{208}^{3}\ \Phi_{104}^{3}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
94548	1419	168	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{56}$	$\frac{1}{4}$	$\Phi_{168}^{12}\ \Phi_{84}^{6}\ \Phi_{56}^{9}\ \Phi_{42}^{6}\ \Phi_{28}^{5}\ \Phi_{24}^{12}\ \Phi_{21}^{6}\ \Phi_{14}^{4}\ \Phi_{12}^{9}\ \Phi_{8}^{9}\ \Phi_{7}^{4}\ \Phi_{6}^{9}\ \Phi_{4}^{7}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
94549	1419	504	$\frac{31}{504}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{504}^{3}\ \Phi_{252}^{3}\ \Phi_{168}^{3}\ \Phi_{126}^{3}\ \Phi_{84}^{3}\ \Phi_{72}^{3}\ \Phi_{63}^{3}\ \Phi_{56}^{3}\ \Phi_{42}^{3}\ \Phi_{28}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
94550	1419	1092	$\frac{5}{78}$	$\frac{73}{546}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1092}^{2}\ \Phi_{546}\ \Phi_{364}^{2}\ \Phi_{273}\ \Phi_{182}\ \Phi_{91}\ \Phi_{84}^{2}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
94551	1419	48	$\frac{1}{12}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{48}^{33}\ \Phi_{24}^{33}\ \Phi_{16}^{33}\ \Phi_{12}^{20}\ \Phi_{8}^{33}\ \Phi_{6}^{19}\ \Phi_{4}^{19}\ \Phi_{3}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
94552	1419	588	$\frac{1}{12}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{588}^{3}\ \Phi_{294}^{3}\ \Phi_{196}^{2}\ \Phi_{147}^{3}\ \Phi_{98}^{2}\ \Phi_{49}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
94553	1419	280	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{13}{56}$	$\Phi_{280}^{6}\ \Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{56}\ \Phi_{40}^{7}\ \Phi_{35}^{6}\ \Phi_{28}\ \Phi_{20}^{7}\ \Phi_{10}^{7}\ \Phi_{8}\ \Phi_{5}^{7}\ \Phi_{4}\ \Phi_{1}$
94554	1419	480	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{31}{160}$	$\frac{9}{40}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{3}\ \Phi_{96}^{4}\ \Phi_{80}^{3}\ \Phi_{60}^{2}\ \Phi_{48}^{4}\ \Phi_{32}^{3}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
94555	1419	300	$\frac{1}{12}$	$\frac{7}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{300}^{5}\ \Phi_{150}^{5}\ \Phi_{100}^{5}\ \Phi_{75}^{5}\ \Phi_{60}^{6}\ \Phi_{50}^{2}\ \Phi_{30}^{6}\ \Phi_{25}^{3}\ \Phi_{20}^{6}\ \Phi_{15}^{6}\ \Phi_{12}^{5}\ \Phi_{10}^{3}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
94556	1419	240	$\frac{5}{48}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{40}$	$\Phi_{240}^{8}\ \Phi_{120}^{6}\ \Phi_{80}^{8}\ \Phi_{60}^{6}\ \Phi_{48}\ \Phi_{40}^{7}\ \Phi_{30}^{6}\ \Phi_{24}\ \Phi_{20}^{7}\ \Phi_{16}\ \Phi_{15}^{6}\ \Phi_{12}\ \Phi_{10}^{7}\ \Phi_{8}\ \Phi_{5}^{7}\ \Phi_{4}\ \Phi_{1}$
94557	1419	1960	$\frac{6}{49}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{40}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{49}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
94558	1420	708	$\frac{1}{354}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{353}{708}$	$\Phi_{708}^{4}\ \Phi_{236}^{4}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
94559	1420	2264	$\frac{1}{283}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{141}{283}$	$\Phi_{2264}\ \Phi_{283}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
94560	1420	474	$\frac{1}{237}$	$\frac{119}{474}$	$\frac{1}{3}$	$\frac{118}{237}$	$\Phi_{474}^{4}\ \Phi_{237}^{2}\ \Phi_{158}^{4}\ \Phi_{79}^{2}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
94561	1420	1413	$\frac{7}{1413}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{703}{1413}$	$\Phi_{1413}\ \Phi_{471}\ \Phi_{157}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
94562	1420	473	$\frac{3}{473}$	$\frac{118}{473}$	$\frac{119}{473}$	$\frac{235}{473}$	$\Phi_{473}^{3}\ \Phi_{43}^{3}\ \Phi_{11}^{3}\ \Phi_{1}^{4}$
94563	1420	423	$\frac{1}{141}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{70}{141}$	$\Phi_{423}^{3}\ \Phi_{141}^{4}\ \Phi_{47}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
94564	1420	282	$\frac{1}{141}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{70}{141}$	$\Phi_{282}^{6}\ \Phi_{141}^{4}\ \Phi_{94}^{6}\ \Phi_{47}^{4}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
94565	1420	129	$\frac{1}{129}$	$\frac{13}{129}$	$\frac{58}{129}$	$\frac{64}{129}$	$\Phi_{129}^{11}\ \Phi_{43}^{11}\ \Phi_{3}^{11}\ \Phi_{1}^{12}$
94566	1420	704	$\frac{3}{352}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{349}{704}$	$\Phi_{704}^{4}\ \Phi_{64}^{4}\ \Phi_{11}\ \Phi_{1}^{2}$
94567	1420	3520	$\frac{3}{352}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{349}{704}$	$\Phi_{3520}\ \Phi_{320}\ \Phi_{20}\ \Phi_{10}$
94568	1420	570	$\frac{1}{95}$	$\frac{1}{6}$	$\frac{24}{95}$	$\frac{47}{95}$	$\Phi_{570}^{3}\ \Phi_{285}^{3}\ \Phi_{190}^{3}\ \Phi_{114}^{3}\ \Phi_{57}^{3}\ \Phi_{38}^{3}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
94569	1420	702	$\frac{4}{351}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{347}{702}$	$\Phi_{702}^4\ \Phi_{234}^4\ \Phi_{78}^4\ \Phi_{54}^4\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
94570	1420	1419	$\frac{17}{1419}$	$\frac{212}{1419}$	$\frac{359}{1419}$	$\frac{701}{1419}$	$\Phi_{1419}\ \Phi_{473}\ \Phi_{129}\ \Phi_{43}\ \Phi_{33}\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
94571	1420	237	$\frac{1}{79}$	$\frac{8}{79}$	$\frac{1}{3}$	$\frac{39}{79}$	$\Phi_{237}^9\ \Phi_3^8$
94572	1420	2660	$\frac{1}{70}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{69}{140}$	$\Phi_{2660}\ \Phi_{532}\ \Phi_{380}\ \Phi_{140}^2\ \Phi_{76}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_4^2\ \Phi_1^2$
94573	1420	4620	$\frac{1}{70}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{69}{140}$	$\Phi_{4620}\ \Phi_{924}\ \Phi_{660}\ \Phi_{132}\ \Phi_{33}$
94574	1420	2660	$\frac{1}{70}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{69}{140}$	$\Phi_{2660}\ \Phi_{532}\ \Phi_{380}\ \Phi_{140}^2\ \Phi_{76}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_4^2\ \Phi_1^2$
94575	1420	420	$\frac{1}{70}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{69}{140}$	$\Phi_{420}^8\ \Phi_{140}^4\ \Phi_{84}^8\ \Phi_{60}^8\ \Phi_{30}\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^8\ \Phi_{10}\ \Phi_4^4$
94576	1420	342	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{29}{171}$	$\frac{28}{57}$	$\Phi_{342}^6\ \Phi_{171}^4\ \Phi_{114}^3\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{19}^2\ \Phi_{18}^6\ \Phi_9^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94577	1420	688	$\frac{1}{43}$	$\frac{11}{344}$	$\frac{333}{688}$	$\frac{21}{43}$	$\Phi_{688}^4\ \Phi_{43}\ \Phi_{16}^4\ \Phi_1^2$
94578	1420	516	$\frac{1}{43}$	$\frac{11}{172}$	$\frac{161}{516}$	$\frac{21}{43}$	$\Phi_{516}^4\ \Phi_{258}^4\ \Phi_{129}^4\ \Phi_{43}\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4\ \Phi_1^2$
94579	1420	387	$\frac{1}{43}$	$\frac{32}{387}$	$\frac{11}{43}$	$\frac{21}{43}$	$\Phi_{387}^4\ \Phi_{129}^4\ \Phi_{43}\ \Phi_9^4\ \Phi_3^4\ \Phi_1^2$
94580	1420	86	$\frac{1}{43}$	$\frac{11}{86}$	$\frac{15}{86}$	$\frac{21}{43}$	$\Phi_{86}^{16}\ \Phi_{43}^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
94581	1420	693	$\frac{17}{693}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{338}{693}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}^2\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{33}^3\ \Phi_{21}^2\ \Phi_{11}^3\ \Phi_9^2\ \Phi_7^2\ \Phi_3^3\ \Phi_1^4$
94582	1420	966	$\frac{2}{69}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{966}^3\ \Phi_{322}^3\ \Phi_{138}^2\ \Phi_{46}^2\ \Phi_{42}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94583	1420	462	$\frac{1}{33}$	$\frac{17}{231}$	$\frac{107}{462}$	$\frac{16}{33}$	$\Phi_{462}^4\ \Phi_{231}^2\ \Phi_{154}^4\ \Phi_{77}^2\ \Phi_{66}^4\ \Phi_{42}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_{11}^3\ \Phi_7^2\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
94584	1420	396	$\frac{1}{33}$	$\frac{41}{396}$	$\frac{17}{99}$	$\frac{16}{33}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^4\ \Phi_{99}^2\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{36}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{11}^3\ \Phi_9^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
94585	1420	688	$\frac{11}{344}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{333}{688}$	$\Phi_{688}^4\ \Phi_{43}\ \Phi_{16}^4\ \Phi_1^2$
94586	1420	275	$\frac{9}{275}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{133}{275}$	$\Phi_{275}^5\ \Phi_{55}^5\ \Phi_{25}^5\ \Phi_{11}^9\ \Phi_5^5\ \Phi_1^{10}$
94587	1420	429	$\frac{5}{143}$	$\frac{1}{11}$	$\frac{74}{429}$	$\frac{69}{143}$	$\Phi_{429}^4\ \Phi_{143}^2\ \Phi_{39}^4\ \Phi_{33}^4\ \Phi_{13}^2\ \Phi_{11}\ \Phi_3^4\ \Phi_1^2$
94588	1420	672	$\frac{1}{24}$	$\frac{1}{21}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{672}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{96}^2\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{32}^2\ \Phi_{28}^3\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94589	1420	2856	$\frac{3}{68}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
94590	1420	270	$\frac{7}{135}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{64}{135}$	$\Phi_{270}^6\ \Phi_{135}^4\ \Phi_{90}^6\ \Phi_{54}^6\ \Phi_{45}^4\ \Phi_{30}^9\ \Phi_{27}^4\ \Phi_{18}^6\ \Phi_{15}^6\ \Phi_{10}^9\ \Phi_9^4\ \Phi_6^8\ \Phi_5^6\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
94591	1420	1995	$\frac{1}{35}$	$\frac{1}{19}$	$\frac{34}{105}$	$\frac{9}{19}$	$\Phi_{1995}\ \Phi_{399}\ \Phi_{285}\ \Phi_{105}^2\ \Phi_{57}\ \Phi_{21}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
94592	1420	1425	$\frac{1}{19}$	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{285}\ \Phi_{75}^2\ \Phi_{57}\ \Phi_{25}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
94593	1420	228	$\frac{1}{19}$	$\frac{5}{76}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{228}^8\ \Phi_{114}^7\ \Phi_{76}^4\ \Phi_{57}^7\ \Phi_{38}^3\ \Phi_{19}^4\ \Phi_{12}^8\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^2\ \Phi_1^4$
94594	1420	1596	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{9}{19}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{228}\ \Phi_{114}\ \Phi_{84}^2\ \Phi_{76}\ \Phi_{57}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
94595	1420	1463	$\frac{1}{19}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{9}{19}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{77}^2\ \Phi_{19}\ \Phi_{11}^2\ \Phi_1^2$
94596	1420	1520	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{9}{19}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{304}\ \Phi_{152}\ \Phi_{80}^2\ \Phi_{76}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
94597	1420	150	$\frac{4}{75}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{150}^{12}\ \Phi_{75}^8\ \Phi_{50}^{12}\ \Phi_{30}^9\ \Phi_{25}^8\ \Phi_{15}^6\ \Phi_{10}^9\ \Phi_6^8\ \Phi_5^6\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
94598	1420	798	$\frac{1}{19}$	$\frac{9}{133}$	$\frac{1}{6}$	$\frac{62}{133}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}^2\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{42}^2\ \Phi_{38}^3\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
94599	1420	132	$\frac{1}{33}$	$\frac{5}{66}$	$\frac{8}{33}$	$\frac{61}{132}$	$\Phi_{132}^{20}\ \Phi_{44}^{20}\ \Phi_{33}^3\ \Phi_{12}^{20}\ \Phi_{11}^3\ \Phi_4^{20}\ \Phi_3^3\ \Phi_1^4$
94600	1420	924	$\frac{1}{21}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{924}^3\ \Phi_{308}^3\ \Phi_{132}^2\ \Phi_{84}^3\ \Phi_{44}^2\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
94601	1420	132	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{61}{132}$	$\Phi_{132}^{20}\ \Phi_{44}^{20}\ \Phi_{12}^{20}\ \Phi_{11}^9\ \Phi_4^{20}\ \Phi_1^{10}$
94602	1420	858	$\frac{1}{13}$	$\frac{7}{78}$	$\frac{1}{11}$	$\frac{6}{13}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{286}^2\ \Phi_{143}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2$
94603	1420	528	$\frac{3}{176}$	$\frac{1}{11}$	$\frac{173}{528}$	$\frac{5}{11}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{48}^4\ \Phi_{33}^4\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_{11}\ \Phi_6^4\ \Phi_3^4\ \Phi_1^2$
94604	1420	363	$\frac{8}{363}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{363}^4\ \Phi_{121}^4\ \Phi_{33}^4\ \Phi_{11}\ \Phi_3^4\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
94605	1420	88	$\frac{3}{88}$	$\frac{1}{11}$	$\frac{17}{88}$	$\frac{5}{11}$	$\Phi_{88}^{16}\ \Phi_{44}^{16}\ \Phi_{22}^{16}\ \Phi_{11}^{17}\ \Phi_{8}^{16}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
94606	1420	374	$\frac{19}{374}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{374}^{4}\ \Phi_{187}^{4}\ \Phi_{34}^{4}\ \Phi_{17}^{4}\ \Phi_{11}\ \Phi_{1}^{2}$
94607	1420	396	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{41}{396}$	$\frac{5}{11}$	$\Phi_{396}^{4}\ \Phi_{198}^{4}\ \Phi_{132}^{4}\ \Phi_{99}^{4}\ \Phi_{66}^{4}\ \Phi_{36}^{4}\ \Phi_{33}^{4}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{11}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
94608	1420	77	$\frac{6}{77}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{77}^{20}\ \Phi_{11}^{9}\ \Phi_{7}^{20}\ \Phi_{1}^{10}$
94609	1420	1430	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{6}{65}$	$\frac{59}{130}$	$\Phi_{1430}^{2}\ \Phi_{286}^{2}\ \Phi_{143}\ \Phi_{110}^{2}\ \Phi_{22}^{2}$
94610	1420	129	$\frac{4}{129}$	$\frac{13}{129}$	$\frac{25}{129}$	$\frac{58}{129}$	$\Phi_{129}^{11}\ \Phi_{43}^{11}\ \Phi_{3}^{11}\ \Phi_{1}^{12}$
94611	1420	129	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{13}{129}$	$\frac{58}{129}$	$\Phi_{129}^{10}\ \Phi_{43}^{13}\ \Phi_{3}^{10}\ \Phi_{1}^{14}$
94612	1420	1287	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{133}{1287}$	$\frac{577}{1287}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}^{2}\ \Phi_{117}\ \Phi_{99}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}^{2}\ \Phi_{11}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
94613	1420	2688	$\frac{1}{21}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
94614	1420	72	$\frac{1}{72}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{72}^{20}\ \Phi_{36}^{20}\ \Phi_{24}^{20}\ \Phi_{18}^{20}\ \Phi_{12}^{20}\ \Phi_{9}^{18}\ \Phi_{8}^{20}\ \Phi_{6}^{20}\ \Phi_{4}^{20}\ \Phi_{3}^{17}\ \Phi_{2}^{20}\ \Phi_{1}^{18}$
94615	1420	846	$\frac{1}{47}$	$\frac{1}{9}$	$\frac{23}{94}$	$\frac{4}{9}$	$\Phi_{846}^{2}\ \Phi_{423}\ \Phi_{282}^{2}\ \Phi_{141}\ \Phi_{94}^{4}\ \Phi_{47}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
94616	1420	1896	$\frac{1}{79}$	$\frac{39}{316}$	$\frac{1}{3}$	$\frac{277}{632}$	$\Phi_{1896}^{2}\ \Phi_{237}\ \Phi_{24}^{2}$
94617	1420	1680	$\frac{1}{21}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
94618	1420	126	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{126}^{20}\ \Phi_{63}^{3}\ \Phi_{42}^{20}\ \Phi_{21}^{2}\ \Phi_{18}^{20}\ \Phi_{14}^{20}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{20}\ \Phi_{3}\ \Phi_{2}^{20}\ \Phi_{1}^{2}$
94619	1420	504	$\frac{1}{72}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{504}^{3}\ \Phi_{252}^{3}\ \Phi_{168}^{3}\ \Phi_{126}^{3}\ \Phi_{84}^{3}\ \Phi_{72}^{2}\ \Phi_{63}^{3}\ \Phi_{56}^{3}\ \Phi_{42}^{3}\ \Phi_{36}^{2}\ \Phi_{28}^{3}\ \Phi_{24}^{2}\ \Phi_{21}^{3}\ \Phi_{18}^{2}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
94620	1420	840	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{840}^{3}\ \Phi_{280}^{3}\ \Phi_{168}^{3}\ \Phi_{120}^{2}\ \Phi_{84}^{3}\ \Phi_{56}^{3}\ \Phi_{42}^{3}\ \Phi_{40}^{2}\ \Phi_{28}^{3}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
94621	1420	1419	$\frac{14}{1419}$	$\frac{281}{1419}$	$\frac{425}{1419}$	$\frac{569}{1419}$	$\Phi_{1419}\ \Phi_{473}\ \Phi_{129}\ \Phi_{43}\ \Phi_{33}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}^{2}$
94622	1420	237	$\frac{2}{237}$	$\frac{47}{237}$	$\frac{1}{3}$	$\frac{95}{237}$	$\Phi_{237}^{6}\ \Phi_{79}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
94623	1420	870	$\frac{3}{145}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{870}^{2}\ \Phi_{435}^{2}\ \Phi_{290}^{2}\ \Phi_{174}^{2}\ \Phi_{87}^{2}\ \Phi_{58}^{2}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
94624	1420	1161	$\frac{1}{129}$	$\frac{259}{1161}$	$\frac{128}{387}$	$\frac{451}{1161}$	$\Phi_{1161}\ \Phi_{387}^{2}\ \Phi_{129}\ \Phi_{43}\ \Phi_{27}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
94625	1420	572	$\frac{5}{143}$	$\frac{1}{11}$	$\frac{69}{286}$	$\frac{217}{572}$	$\Phi_{572}^{4}\ \Phi_{143}^{2}\ \Phi_{52}^{4}\ \Phi_{44}^{4}\ \Phi_{13}^{2}\ \Phi_{11}\ \Phi_{4}^{4}\ \Phi_{1}^{2}$
94626	1420	396	$\frac{1}{33}$	$\frac{41}{396}$	$\frac{8}{33}$	$\frac{25}{66}$	$\Phi_{396}^{4}\ \Phi_{198}^{4}\ \Phi_{132}^{4}\ \Phi_{99}^{4}\ \Phi_{44}^{4}\ \Phi_{36}^{4}\ \Phi_{33}^{3}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{11}^{3}\ \Phi_{9}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
94627	1420	114	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{14}{57}$	$\frac{43}{114}$	$\Phi_{114}^{11}\ \Phi_{57}^{14}\ \Phi_{38}^{11}\ \Phi_{19}^{14}\ \Phi_{6}^{10}\ \Phi_{3}^{13}\ \Phi_{2}^{10}\ \Phi_{1}^{14}$
94628	1420	516	$\frac{1}{129}$	$\frac{32}{129}$	$\frac{161}{516}$	$\frac{97}{258}$	$\Phi_{516}^{4}\ \Phi_{172}^{4}\ \Phi_{129}^{3}\ \Phi_{43}^{3}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
94629	1420	3432	$\frac{1}{143}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{3432}\ \Phi_{429}\ \Phi_{312}\ \Phi_{264}\ \Phi_{39}\ \Phi_{33}$
94630	1420	2264	$\frac{3}{283}$	$\frac{70}{283}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2264}\ \Phi_{283}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
94631	1420	360	$\frac{1}{72}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}^{5}\ \Phi_{90}^{5}\ \Phi_{60}^{5}\ \Phi_{45}^{5}\ \Phi_{40}^{4}\ \Phi_{30}^{5}\ \Phi_{20}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{5}^{4}$
94632	1420	1089	$\frac{1}{33}$	$\frac{32}{363}$	$\frac{331}{1089}$	$\frac{379}{1089}$	$\Phi_{1089}\ \Phi_{363}^{2}\ \Phi_{121}^{2}\ \Phi_{99}\ \Phi_{33}\ \Phi_{11}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
94633	1420	756	$\frac{1}{21}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{756}^{3}\ \Phi_{252}^{3}\ \Phi_{126}^{3}\ \Phi_{108}^{2}\ \Phi_{84}^{3}\ \Phi_{63}^{3}\ \Phi_{42}^{3}\ \Phi_{36}^{2}\ \Phi_{28}^{3}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
94634	1420	2670	$\frac{1}{89}$	$\frac{1}{5}$	$\frac{88}{267}$	$\frac{179}{534}$	$\Phi_{2670}\ \Phi_{890}\ \Phi_{445}\ \Phi_{30}\ \Phi_{10}$
94635	1420	357	$\frac{2}{357}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{357}^{4}\ \Phi_{119}^{4}\ \Phi_{51}^{4}\ \Phi_{21}^{4}\ \Phi_{17}^{4}\ \Phi_{7}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
94636	1420	531	$\frac{1}{177}$	$\frac{176}{531}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{531}^{4}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
94637	1420	1416	$\frac{1}{118}$	$\frac{117}{472}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{472}^{2}\ \Phi_{236}^{2}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
94638	1420	177	$\frac{2}{177}$	$\frac{35}{177}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{177}^{8}\ \Phi_{59}^{8}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
94639	1420	72	$\frac{1}{72}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{72}^{20}\ \Phi_{36}^{20}\ \Phi_{24}^{20}\ \Phi_{18}^{20}\ \Phi_{12}^{20}\ \Phi_{9}^{20}\ \Phi_{8}^{20}\ \Phi_{6}^{16}\ \Phi_{4}^{20}\ \Phi_{3}^{17}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
94640	1420	1239	$\frac{1}{59}$	$\frac{58}{413}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1239}\ \Phi_{413}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
94641	1420	846	$\frac{2}{141}$	$\frac{1}{6}$	$\frac{139}{423}$	$\frac{1}{3}$	$\Phi_{846}^{3}\,\Phi_{423}^{2}\,\Phi_{18}^{3}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
94642	1420	1053	$\frac{8}{351}$	$\frac{1}{9}$	$\frac{343}{1053}$	$\frac{1}{3}$	$\Phi_{1053}^{2}\,\Phi_{81}^{2}\,\Phi_{9}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
94643	1420	1155	$\frac{1}{35}$	$\frac{1}{11}$	$\frac{34}{105}$	$\frac{1}{3}$	$\Phi_{1155}\,\Phi_{385}^{2}\,\Phi_{231}\,\Phi_{165}\,\Phi_{77}^{2}\,\Phi_{55}^{2}\,\Phi_{33}^{2}\,\Phi_{11}^{2}$
94644	1420	729	$\frac{19}{729}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{729}^{2}\,\Phi_{243}^{2}\,\Phi_{81}^{2}\,\Phi_{9}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
94645	1420	216	$\frac{1}{72}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{216}^{9}\,\Phi_{108}^{9}\,\Phi_{72}^{2}\,\Phi_{54}^{9}\,\Phi_{36}^{2}\,\Phi_{27}^{8}\,\Phi_{24}^{2}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
94646	1420	474	$\frac{1}{79}$	$\frac{39}{158}$	$\frac{119}{474}$	$\frac{1}{3}$	$\Phi_{474}^{2}\,\Phi_{237}^{3}\,\Phi_{158}^{4}\,\Phi_{79}^{4}\,\Phi_{6}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
94647	1420	282	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{23}{94}$	$\frac{1}{3}$	$\Phi_{282}^{4}\,\Phi_{141}^{5}\,\Phi_{94}^{6}\,\Phi_{47}^{6}\,\Phi_{6}^{6}\,\Phi_{3}^{6}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
94648	1420	468	$\frac{4}{117}$	$\frac{1}{9}$	$\frac{113}{468}$	$\frac{1}{3}$	$\Phi_{468}^{4}\,\Phi_{234}^{4}\,\Phi_{156}^{4}\,\Phi_{78}^{4}\,\Phi_{52}^{4}\,\Phi_{36}^{4}\,\Phi_{26}^{4}\,\Phi_{18}^{4}\,\Phi_{12}^{4}\,\Phi_{9}^{2}\,\Phi_{6}^{4}\,\Phi_{4}^{4}\,\Phi_{3}\,\Phi_{2}^{4}\,\Phi_{1}^{2}$
94649	1420	825	$\frac{4}{75}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{825}^{2}\,\Phi_{275}^{2}\,\Phi_{165}\,\Phi_{55}^{2}\,\Phi_{33}^{2}\,\Phi_{11}^{2}$
94650	1420	924	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{84}$	$\frac{1}{3}$	$\Phi_{924}^{2}\,\Phi_{462}\,\Phi_{308}^{2}\,\Phi_{231}\,\Phi_{154}^{2}\,\Phi_{132}^{2}\,\Phi_{77}^{2}\,\Phi_{66}\,\Phi_{44}^{2}\,\Phi_{33}^{2}\,\Phi_{22}^{2}\,\Phi_{11}^{2}$
94651	1420	378	$\frac{23}{378}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{378}^{4}\,\Phi_{189}^{4}\,\Phi_{126}^{4}\,\Phi_{63}^{4}\,\Phi_{54}^{4}\,\Phi_{42}^{4}\,\Phi_{21}^{4}\,\Phi_{18}^{4}\,\Phi_{14}^{4}\,\Phi_{9}^{2}\,\Phi_{7}^{4}\,\Phi_{6}^{4}\,\Phi_{3}\,\Phi_{2}^{4}\,\Phi_{1}^{2}$
94652	1420	231	$\frac{6}{77}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{231}^{9}\,\Phi_{33}^{10}\,\Phi_{21}^{10}\,\Phi_{3}^{10}$
94653	1420	819	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{109}{819}$	$\frac{1}{3}$	$\Phi_{819}^{2}\,\Phi_{273}^{2}\,\Phi_{91}^{2}\,\Phi_{63}^{2}\,\Phi_{21}^{2}\,\Phi_{9}^{2}\,\Phi_{7}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
94654	1420	237	$\frac{7}{79}$	$\frac{8}{79}$	$\frac{9}{79}$	$\frac{1}{3}$	$\Phi_{237}^{9}\,\Phi_{3}^{8}$
94655	1420	2640	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{3}$	$\Phi_{2640}\,\Phi_{1320}\,\Phi_{660}\,\Phi_{528}\,\Phi_{264}\,\Phi_{132}\,\Phi_{33}$
94656	1420	2640	$\frac{3}{176}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{173}{528}$	$\Phi_{2640}\,\Phi_{1320}\,\Phi_{660}\,\Phi_{330}\,\Phi_{240}\,\Phi_{165}\,\Phi_{120}\,\Phi_{60}\,\Phi_{30}\,\Phi_{20}\,\Phi_{15}\,\Phi_{10}$
94657	1420	1995	$\frac{1}{35}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{34}{105}$	$\Phi_{1995}\,\Phi_{399}\,\Phi_{285}\,\Phi_{105}^{2}\,\Phi_{57}\,\Phi_{21}^{2}\,\Phi_{19}\,\Phi_{15}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
94658	1420	210	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{34}{105}$	$\Phi_{210}^{8}\,\Phi_{105}^{4}\,\Phi_{70}^{8}\,\Phi_{42}^{8}\,\Phi_{35}^{8}\,\Phi_{30}^{9}\,\Phi_{21}^{4}\,\Phi_{15}^{5}\,\Phi_{14}^{8}\,\Phi_{10}^{9}\,\Phi_{7}^{8}\,\Phi_{6}^{8}\,\Phi_{5}^{8}\,\Phi_{3}^{4}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
94659	1420	516	$\frac{11}{172}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{161}{516}$	$\Phi_{516}^{4}\,\Phi_{258}^{4}\,\Phi_{129}^{4}\,\Phi_{43}\,\Phi_{12}^{4}\,\Phi_{6}^{4}\,\Phi_{3}^{4}\,\Phi_{1}^{2}$
94660	1420	630	$\frac{1}{15}$	$\frac{31}{315}$	$\frac{1}{6}$	$\frac{14}{45}$	$\Phi_{630}^{3}\,\Phi_{315}^{2}\,\Phi_{210}^{3}\,\Phi_{126}^{3}\,\Phi_{105}^{2}\,\Phi_{70}^{3}\,\Phi_{63}^{2}\,\Phi_{42}^{3}\,\Phi_{35}^{2}\,\Phi_{30}^{3}\,\Phi_{21}^{2}\,\Phi_{15}^{2}\,\Phi_{14}^{3}\,\Phi_{10}^{3}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
94661	1420	429	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{74}{429}$	$\frac{133}{429}$	$\Phi_{429}^{3}\,\Phi_{143}^{4}\,\Phi_{39}^{3}\,\Phi_{33}^{3}\,\Phi_{13}^{4}\,\Phi_{11}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
94662	1420	165	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{23}{165}$	$\frac{10}{33}$	$\Phi_{165}^{10}\,\Phi_{55}^{10}\,\Phi_{15}^{10}\,\Phi_{11}^{9}\,\Phi_{5}^{10}\,\Phi_{1}^{10}$
94663	1420	86	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{15}{86}$	$\frac{13}{43}$	$\Phi_{86}^{20}\,\Phi_{43}^{13}\,\Phi_{2}^{20}\,\Phi_{1}^{14}$
94664	1420	810	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{6}$	$\frac{121}{405}$	$\Phi_{810}^{3}\,\Phi_{405}^{2}\,\Phi_{162}^{3}\,\Phi_{81}^{2}\,\Phi_{30}^{3}\,\Phi_{15}^{2}\,\Phi_{10}^{3}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
94665	1420	798	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{1}{6}$	$\frac{115}{399}$	$\Phi_{798}^{2}\,\Phi_{399}\,\Phi_{266}^{2}\,\Phi_{133}^{2}\,\Phi_{114}^{3}\,\Phi_{57}^{2}\,\Phi_{42}^{2}\,\Phi_{38}^{3}\,\Phi_{21}\,\Phi_{19}^{2}\,\Phi_{14}^{2}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
94666	1420	99	$\frac{1}{33}$	$\frac{5}{33}$	$\frac{8}{33}$	$\frac{28}{99}$	$\Phi_{99}^{20}\,\Phi_{33}^{3}\,\Phi_{11}^{3}\,\Phi_{9}^{20}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
94667	1420	99	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{28}{99}$	$\Phi_{99}^{20}\,\Phi_{11}^{9}\,\Phi_{9}^{20}\,\Phi_{1}^{10}$
94668	1420	2145	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{12}{65}$	$\frac{53}{195}$	$\Phi_{2145}\,\Phi_{429}\,\Phi_{165}\,\Phi_{143}\,\Phi_{33}$
94669	1420	672	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{672}^{2}\,\Phi_{336}^{2}\,\Phi_{224}^{2}\,\Phi_{168}^{3}\,\Phi_{112}^{2}\,\Phi_{96}\,\Phi_{84}^{3}\,\Phi_{56}^{3}\,\Phi_{48}\,\Phi_{42}^{3}\,\Phi_{32}^{2}\,\Phi_{28}^{3}\,\Phi_{24}^{2}\,\Phi_{21}^{2}\,\Phi_{16}^{2}\,\Phi_{14}^{3}\,\Phi_{12}^{2}\,\Phi_{8}^{2}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
94670	1420	387	$\frac{3}{43}$	$\frac{32}{387}$	$\frac{10}{43}$	$\frac{11}{43}$	$\Phi_{387}^{4}\,\Phi_{129}^{4}\,\Phi_{43}\,\Phi_{9}^{4}\,\Phi_{3}^{4}\,\Phi_{1}^{2}$
94671	1420	440	$\frac{3}{88}$	$\frac{17}{88}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{440}^{4}\,\Phi_{220}^{4}\,\Phi_{110}^{4}\,\Phi_{55}^{4}\,\Phi_{40}^{4}\,\Phi_{20}^{5}\,\Phi_{10}^{5}\,\Phi_{5}^{4}$
94672	1420	1840	$\frac{13}{368}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1840}\,\Phi_{920}\,\Phi_{460}\,\Phi_{230}\,\Phi_{115}\,\Phi_{20}\,\Phi_{10}$
94673	1420	1980	$\frac{3}{44}$	$\frac{41}{396}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1980}\,\Phi_{990}\,\Phi_{660}\,\Phi_{495}\,\Phi_{330}\,\Phi_{180}\,\Phi_{165}\,\Phi_{90}\,\Phi_{60}\,\Phi_{45}\,\Phi_{30}\,\Phi_{20}\,\Phi_{15}\,\Phi_{10}$
94674	1420	1920	$\frac{29}{384}$	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1920}\,\Phi_{960}\,\Phi_{640}\,\Phi_{480}\,\Phi_{320}\,\Phi_{240}\,\Phi_{120}\,\Phi_{60}\,\Phi_{30}\,\Phi_{20}\,\Phi_{15}\,\Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
94675	1420	86	$\frac{3}{43}$	$\frac{11}{86}$	$\frac{15}{86}$	$\frac{10}{43}$	$\Phi_{86}^{16}\ \Phi_{43}^{17}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
94676	1420	88	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{17}{88}$	$\frac{5}{22}$	$\Phi_{88}^{20}\ \Phi_{44}^{20}\ \Phi_{11}^{9}\ \Phi_{8}^{20}\ \Phi_{4}^{20}\ \Phi_{1}^{10}$
94677	1420	90	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{1}{6}$	$\frac{19}{90}$	$\Phi_{90}^{14}\ \Phi_{45}^{16}\ \Phi_{30}^{17}\ \Phi_{18}^{14}\ \Phi_{15}^{18}\ \Phi_{10}^{17}\ \Phi_{9}^{16}\ \Phi_{6}^{16}\ \Phi_{5}^{18}\ \Phi_{3}^{17}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
94678	1420	1425	$\frac{4}{75}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{285}\ \Phi_{75}^{2}\ \Phi_{57}\ \Phi_{25}^{2}\ \Phi_{19}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
94679	1420	228	$\frac{5}{76}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\Phi_{228}^{8}\ \Phi_{114}^{7}\ \Phi_{76}^{4}\ \Phi_{57}^{7}\ \Phi_{38}^{3}\ \Phi_{19}^{4}\ \Phi_{12}^{8}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
94680	1420	1596	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{228}\ \Phi_{114}\ \Phi_{84}^{2}\ \Phi_{76}\ \Phi_{57}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{19}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
94681	1420	1463	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{77}^{2}\ \Phi_{19}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
94682	1420	1520	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{304}\ \Phi_{152}\ \Phi_{80}^{2}\ \Phi_{76}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{19}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
94683	1420	150	$\frac{4}{75}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{150}^{12}\ \Phi_{75}^{8}\ \Phi_{50}^{12}\ \Phi_{30}^{9}\ \Phi_{25}^{8}\ \Phi_{15}^{5}\ \Phi_{10}^{9}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
94684	1420	1050	$\frac{2}{35}$	$\frac{1}{6}$	$\frac{33}{175}$	$\frac{1}{5}$	$\Phi_{1050}^{2}\ \Phi_{525}^{2}\ \Phi_{350}^{2}\ \Phi_{150}^{2}\ \Phi_{75}^{2}\ \Phi_{50}^{2}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
94685	1420	420	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{420}^{5}\ \Phi_{210}^{3}\ \Phi_{140}^{5}\ \Phi_{105}^{3}\ \Phi_{70}^{4}\ \Phi_{60}^{5}\ \Phi_{35}^{4}\ \Phi_{30}^{4}\ \Phi_{20}^{5}\ \Phi_{15}^{4}\ \Phi_{10}^{5}\ \Phi_{5}^{4}$
94686	1420	2310	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
94687	1420	630	$\frac{31}{315}$	$\frac{4}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{630}^{3}\ \Phi_{315}^{2}\ \Phi_{210}^{2}\ \Phi_{126}^{3}\ \Phi_{105}\ \Phi_{90}^{3}\ \Phi_{70}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{21}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
94688	1420	240	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}^{4}\ \Phi_{60}^{8}\ \Phi_{48}^{8}\ \Phi_{40}^{4}\ \Phi_{30}\ \Phi_{24}^{8}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{15}\ \Phi_{12}^{8}\ \Phi_{10}\ \Phi_{8}^{4}\ \Phi_{4}^{4}$
94689	1420	165	$\frac{1}{11}$	$\frac{23}{165}$	$\frac{9}{55}$	$\frac{2}{11}$	$\Phi_{165}^{10}\ \Phi_{55}^{5}\ \Phi_{33}^{10}\ \Phi_{15}^{10}\ \Phi_{11}^{9}\ \Phi_{5}^{5}\ \Phi_{3}^{10}\ \Phi_{1}^{10}$
94690	1421	2272	$\frac{1}{284}$	$\frac{285}{1136}$	$\frac{851}{2272}$	$\frac{283}{568}$	$\Phi_{2272}\ \Phi_{568}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
94691	1421	2832	$\frac{5}{1416}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1411}{2832}$	$\Phi_{2832}\ \Phi_{944}\ \Phi_{48}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
94692	1421	1212	$\frac{1}{202}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{201}{404}$	$\Phi_{606}^{2}\ \Phi_{404}\ \Phi_{303}^{2}\ \Phi_{202}^{2}\ \Phi_{101}^{2}\ \Phi_{12}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
94693	1421	3636	$\frac{1}{202}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{201}{404}$	$\Phi_{3636}\ \Phi_{404}\ \Phi_{36}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
94694	1421	2820	$\frac{11}{1410}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1399}{2820}$	$\Phi_{2820}\ \Phi_{940}\ \Phi_{564}\ \Phi_{188}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
94695	1421	1900	$\frac{4}{475}$	$\frac{1}{5}$	$\frac{479}{1900}$	$\frac{471}{950}$	$\Phi_{1900}\ \Phi_{475}\ \Phi_{380}\ \Phi_{100}\ \Phi_{95}\ \Phi_{76}\ \Phi_{25}\ \Phi_{20}\ \Phi_{19}\ \Phi_{4}\ \Phi_{1}$
94696	1421	2816	$\frac{13}{1408}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1395}{2816}$	$\Phi_{2816}\ \Phi_{256}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
94697	1421	1608	$\frac{2}{201}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{199}{402}$	$\Phi_{1608}\ \Phi_{804}\ \Phi_{536}\ \Phi_{268}\ \Phi_{201}\ \Phi_{67}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
94698	1421	1710	$\frac{4}{285}$	$\frac{289}{1710}$	$\frac{1}{5}$	$\frac{281}{570}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{342}\ \Phi_{285}\ \Phi_{171}\ \Phi_{95}\ \Phi_{90}\ \Phi_{57}\ \Phi_{45}\ \Phi_{19}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
94699	1421	272	$\frac{1}{68}$	$\frac{1}{8}$	$\frac{69}{272}$	$\frac{67}{136}$	$\Phi_{272}^{7}\ \Phi_{136}^{4}\ \Phi_{68}^{3}\ \Phi_{34}^{3}\ \Phi_{17}^{3}\ \Phi_{16}^{7}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
94700	1421	400	$\frac{3}{200}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{197}{400}$	$\Phi_{400}^{7}\ \Phi_{80}^{7}\ \Phi_{40}\ \Phi_{16}^{7}\ \Phi_{8}\ \Phi_{1}$
94701	1421	400	$\frac{3}{200}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{197}{400}$	$\Phi_{400}^{7}\ \Phi_{80}^{7}\ \Phi_{16}^{7}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
94702	1421	400	$\frac{3}{200}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{197}{400}$	$\Phi_{400}^{7}\ \Phi_{80}^{7}\ \Phi_{25}\ \Phi_{16}^{7}\ \Phi_{1}$
94703	1421	672	$\frac{1}{48}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{47}{96}$	$\Phi_{672}^{4}\ \Phi_{224}^{4}\ \Phi_{96}^{5}\ \Phi_{56}\ \Phi_{32}^{5}\ \Phi_{8}\ \Phi_{1}$
94704	1421	672	$\frac{1}{48}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{47}{96}$	$\Phi_{672}^{4}\ \Phi_{224}^{4}\ \Phi_{96}^{5}\ \Phi_{42}\ \Phi_{32}^{5}\ \Phi_{21}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
94705	1421	96	$\frac{1}{48}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{47}{96}$	$\Phi_{96}^{13}\ \Phi_{48}^{16}\ \Phi_{32}^{14}\ \Phi_{24}^{16}\ \Phi_{16}^{17}\ \Phi_{12}^{16}\ \Phi_{8}^{17}\ \Phi_{6}^{16}\ \Phi_{4}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
94706	1421	3360	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{47}{96}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{35}\ \Phi_{32}\ \Phi_{5}\ \Phi_{1}$
94707	1421	792	$\frac{5}{198}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{193}{396}$	$\Phi_{792}^{2}\ \Phi_{396}\ \Phi_{264}^{2}\ \Phi_{198}^{2}\ \Phi_{132}\ \Phi_{99}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{2}\ \Phi_{66}^{2}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}^{2}\ \Phi_{24}^{4}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
94708	1421	2760	$\frac{41}{1380}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{1339}{2760}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{184}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
94709	1421	2856	$\frac{1}{28}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{136}\ \Phi_{56}\ \Phi_{51}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
94710	1421	504	$\frac{1}{28}$	$\frac{1}{24}$	$\frac{23}{72}$	$\frac{27}{56}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{126}^{4}\ \Phi_{72}^{5}\ \Phi_{63}^{4}\ \Phi_{56}\ \Phi_{36}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
94711	1421	728	$\frac{1}{28}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{728}^4\ \Phi_{104}^4\ \Phi_{56}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
94712	1421	448	$\frac{1}{28}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{27}{56}$	$\Phi_{448}^4\ \Phi_{224}^4\ \Phi_{64}^5\ \Phi_{56}\ \Phi_{32}^5\ \Phi_8\ \Phi_1$
94713	1421	840	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{27}{56}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{120}^4\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}^4\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
94714	1421	1512	$\frac{1}{28}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{27}{56}$	$\Phi_{1512}^2\ \Phi_{504}^2\ \Phi_{216}^2\ \Phi_{72}^2\ \Phi_{56}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
94715	1421	56	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{27}{56}$	$\Phi_{56}^{25}\ \Phi_{28}^{24}\ \Phi_{14}^{24}\ \Phi_8^{31}\ \Phi_7^{24}\ \Phi_4^{30}\ \Phi_2^{30}\ \Phi_1^{31}$
94716	1421	1920	$\frac{19}{480}$	$\frac{1}{20}$	$\frac{499}{1920}$	$\frac{461}{960}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
94717	1421	1520	$\frac{4}{95}$	$\frac{99}{1520}$	$\frac{1}{5}$	$\frac{91}{190}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{304}\ \Phi_{152}\ \Phi_{95}\ \Phi_{80}\ \Phi_{76}\ \Phi_{40}\ \Phi_{20}\ \Phi_{19}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
94718	1421	2720	$\frac{61}{1360}$	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{1299}{2720}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
94719	1421	240	$\frac{1}{20}$	$\frac{3}{40}$	$\frac{37}{240}$	$\frac{19}{40}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{80}^7\ \Phi_{60}^7\ \Phi_{48}^7\ \Phi_{40}\ \Phi_{30}^7\ \Phi_{24}^7\ \Phi_{16}^7\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_8\ \Phi_6^7\ \Phi_3^7\ \Phi_1$
94720	1421	1600	$\frac{1}{20}$	$\frac{21}{200}$	$\frac{179}{1600}$	$\frac{19}{40}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
94721	1421	2700	$\frac{71}{1350}$	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{1279}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{180}\ \Phi_{108}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
94722	1421	1500	$\frac{79}{1500}$	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}\ \Phi_{250}\ \Phi_{125}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
94723	1421	384	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{181}{384}$	$\Phi_{384}^7\ \Phi_{128}^7\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
94724	1421	380	$\frac{4}{95}$	$\frac{13}{190}$	$\frac{1}{5}$	$\frac{177}{380}$	$\Phi_{380}^7\ \Phi_{95}\ \Phi_{76}^7\ \Phi_{20}^7\ \Phi_{19}\ \Phi_4^7\ \Phi_1$
94725	1421	1560	$\frac{9}{130}$	$\frac{139}{1560}$	$\frac{1}{10}$	$\frac{121}{260}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{40}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{24}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
94726	1421	1350	$\frac{1}{50}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{270}\ \Phi_{225}\ \Phi_{150}^2\ \Phi_{135}\ \Phi_{90}\ \Phi_{75}^2\ \Phi_{50}\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
94727	1421	2640	$\frac{1}{20}$	$\frac{101}{1320}$	$\frac{19}{120}$	$\frac{1219}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
94728	1421	2640	$\frac{101}{1320}$	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1219}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{48}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
94729	1421	220	$\frac{17}{220}$	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{220}$	$\Phi_{220}^6\ \Phi_{110}^7\ \Phi_{55}^7\ \Phi_{44}^6\ \Phi_{22}^7\ \Phi_{20}^6\ \Phi_{11}^7\ \Phi_{10}^6\ \Phi_5^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
94730	1421	216	$\frac{13}{216}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{216}^7\ \Phi_{108}^7\ \Phi_{72}^7\ \Phi_{54}^7\ \Phi_{36}^7\ \Phi_{27}^7\ \Phi_{24}^4\ \Phi_{18}^7\ \Phi_{12}^3\ \Phi_9^7\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
94731	1421	1496	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{1}{8}$	$\frac{171}{374}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{187}\ \Phi_{136}^2\ \Phi_{88}\ \Phi_{68}^2\ \Phi_{44}\ \Phi_{34}\ \Phi_{17}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
94732	1421	90	$\frac{1}{30}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{90}^{14}\ \Phi_{45}^{15}\ \Phi_{30}^{18}\ \Phi_{18}^{14}\ \Phi_{15}^{19}\ \Phi_{10}^{18}\ \Phi_9^{15}\ \Phi_6^{18}\ \Phi_5^{18}\ \Phi_3^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
94733	1421	2600	$\frac{9}{130}$	$\frac{121}{1300}$	$\frac{1}{10}$	$\frac{1179}{2600}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{200}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
94734	1421	200	$\frac{1}{50}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{200}^{10}\ \Phi_{50}^9\ \Phi_{40}^9\ \Phi_{25}^9\ \Phi_{10}^8\ \Phi_8^9\ \Phi_5^8\ \Phi_2^8\ \Phi_1^9$
94735	1421	60	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{60}^{19}\ \Phi_{30}^{28}\ \Phi_{20}^{20}\ \Phi_{15}^{28}\ \Phi_{12}^{19}\ \Phi_{10}^{28}\ \Phi_6^{28}\ \Phi_5^{28}\ \Phi_4^{20}\ \Phi_3^{28}\ \Phi_2^{28}\ \Phi_1^{29}$
94736	1421	2560	$\frac{1}{20}$	$\frac{141}{1280}$	$\frac{19}{160}$	$\frac{1139}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
94737	1421	2556	$\frac{1}{71}$	$\frac{143}{1278}$	$\frac{70}{213}$	$\frac{1135}{2556}$	$\Phi_{2556}\ \Phi_{852}\ \Phi_{284}\ \Phi_{213}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
94738	1421	1600	$\frac{1}{20}$	$\frac{179}{1600}$	$\frac{19}{160}$	$\frac{141}{320}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_8\ \Phi_1$
94739	1421	213	$\frac{10}{213}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{31}{71}$	$\Phi_{213}^7\ \Phi_{71}^6\ \Phi_3^7\ \Phi_1^7$
94740	1421	360	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{23}{180}$	$\frac{157}{360}$	$\Phi_{360}^7\ \Phi_{180}\ \Phi_{120}^7\ \Phi_{90}\ \Phi_{72}^7\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}^7\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}^7\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8^7\ \Phi_6\ \Phi_3\ \Phi_1$
94741	1421	356	$\frac{3}{178}$	$\frac{25}{178}$	$\frac{1}{4}$	$\frac{153}{356}$	$\Phi_{356}^3\ \Phi_{178}^5\ \Phi_{89}^5\ \Phi_4^2\ \Phi_2^4\ \Phi_1^5$
94742	1421	284	$\frac{1}{71}$	$\frac{10}{71}$	$\frac{81}{284}$	$\frac{61}{142}$	$\Phi_{284}^7\ \Phi_{71}^6\ \Phi_4^7\ \Phi_1^7$
94743	1421	50	$\frac{1}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{50}^{28}\ \Phi_{25}^{29}\ \Phi_{10}^{28}\ \Phi_5^{28}\ \Phi_2^{28}\ \Phi_1^{29}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
94744	1421	1212	$\frac{1}{101}$	$\frac{1}{6}$	$\frac{100}{303}$	$\frac{5}{12}$	$\Phi_{1212}^2\ \Phi_{404}^2\ \Phi_{303}\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
94745	1421	900	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{50}\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
94746	1421	1212	$\frac{3}{101}$	$\frac{14}{101}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1212}^2\ \Phi_{404}^2\ \Phi_{101}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
94747	1421	120	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{120}^{14}\ \Phi_{60}^8\ \Phi_{40}^{14}\ \Phi_{30}^{13}\ \Phi_{24}^{12}\ \Phi_{20}^8\ \Phi_{15}^{13}\ \Phi_{12}^7\ \Phi_{10}^{13}\ \Phi_8^{11}\ \Phi_6^{11}\ \Phi_5^{13}\ \Phi_4^6\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
94748	1421	2400	$\frac{1}{20}$	$\frac{19}{240}$	$\frac{221}{1200}$	$\frac{979}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
94749	1421	1440	$\frac{19}{1440}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
94750	1421	680	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{33}{170}$	$\frac{137}{340}$	$\Phi_{680}^2\ \Phi_{340}\ \Phi_{170}^2\ \Phi_{136}^4\ \Phi_{85}^2\ \Phi_{68}^3\ \Phi_{40}^2\ \Phi_{34}^3\ \Phi_{20}\ \Phi_{17}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
94751	1421	1200	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1200}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{150}^2\ \Phi_{80}^2\ \Phi_{75}^2\ \Phi_{50}\ \Phi_{48}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
94752	1421	240	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{240}^{10}\ \Phi_{80}^9\ \Phi_{48}^{10}\ \Phi_{30}^9\ \Phi_{16}^9\ \Phi_{15}^9\ \Phi_{10}^8\ \Phi_6^9\ \Phi_5^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
94753	1421	2280	$\frac{4}{285}$	$\frac{1}{5}$	$\frac{281}{1140}$	$\frac{859}{2280}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{285}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{57}\ \Phi_{40}\ \Phi_{24}\ \Phi_{19}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
94754	1421	1888	$\frac{5}{472}$	$\frac{467}{1888}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1888}\ \Phi_{944}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
94755	1421	1440	$\frac{19}{1440}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
94756	1421	208	$\frac{5}{208}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{208}^7\ \Phi_{104}^7\ \Phi_{52}^7\ \Phi_{26}^7\ \Phi_{16}^7\ \Phi_{13}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
94757	1421	1440	$\frac{19}{1440}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
94758	1421	2160	$\frac{1}{20}$	$\frac{19}{360}$	$\frac{341}{1080}$	$\frac{739}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
94759	1421	1224	$\frac{1}{51}$	$\frac{1}{8}$	$\frac{50}{153}$	$\frac{103}{306}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}^2\ \Phi_{204}^2\ \Phi_{153}\ \Phi_{136}^2\ \Phi_{102}\ \Phi_{72}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
94760	1421	1704	$\frac{1}{71}$	$\frac{283}{1704}$	$\frac{70}{213}$	$\frac{143}{426}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{568}\ \Phi_{284}\ \Phi_{213}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
94761	1421	2136	$\frac{3}{356}$	$\frac{1}{4}$	$\frac{353}{1068}$	$\frac{715}{2136}$	$\Phi_{2136}\ \Phi_{712}\ \Phi_{356}\ \Phi_{178}\ \Phi_{89}\ \Phi_{24}\ \Phi_8\ \Phi_1$
94762	1421	909	$\frac{1}{101}$	$\frac{2}{9}$	$\frac{100}{303}$	$\frac{1}{3}$	$\Phi_{909}^2\ \Phi_{303}\ \Phi_9^3\ \Phi_3\ \Phi_1$
94763	1421	714	$\frac{2}{51}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{102}^2\ \Phi_{51}^3\ \Phi_{42}\ \Phi_{34}^2\ \Phi_{21}\ \Phi_{17}^3\ \Phi_6\ \Phi_3\ \Phi_1$
94764	1421	1632	$\frac{2}{51}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{136}\ \Phi_{51}\ \Phi_{32}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_1$
94765	1421	900	$\frac{1}{50}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}\ \Phi_{300}^2\ \Phi_{225}\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
94766	1421	909	$\frac{3}{101}$	$\frac{14}{101}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{909}^2\ \Phi_{101}^2\ \Phi_9^3\ \Phi_1^3$
94767	1421	360	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^2\ \Phi_{90}^3\ \Phi_{72}^5\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{36}^5\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9^3\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
94768	1421	1785	$\frac{2}{51}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{255}\ \Phi_{85}\ \Phi_{51}\ \Phi_{35}\ \Phi_{17}\ \Phi_5\ \Phi_1$
94769	1421	1917	$\frac{1}{71}$	$\frac{143}{639}$	$\frac{496}{1917}$	$\frac{70}{213}$	$\Phi_{1917}\ \Phi_{213}\ \Phi_{27}\ \Phi_3\ \Phi_1$
94770	1421	2115	$\frac{11}{705}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{694}{2115}$	$\Phi_{2115}\ \Phi_{423}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
94771	1421	2112	$\frac{13}{704}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{691}{2112}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
94772	1421	600	$\frac{3}{100}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{97}{300}$	$\Phi_{600}^4\ \Phi_{300}^3\ \Phi_{150}^3\ \Phi_{120}^4\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
94773	1421	300	$\frac{3}{100}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{97}{300}$	$\Phi_{300}^{7}\ \Phi_{150}^{7}\ \Phi_{75}^{7}\ \Phi_{60}^{7}\ \Phi_{30}^{7}\ \Phi_{25}\ \Phi_{15}^{7}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{7}\ \Phi_{1}$
94774	1421	504	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{23}{72}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{126}^{4}\ \Phi_{72}^{5}\ \Phi_{63}^{4}\ \Phi_{42}\ \Phi_{36}^{5}\ \Phi_{21}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
94775	1421	288	$\frac{1}{24}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{23}{72}$	$\Phi_{288}^{8}\ \Phi_{144}^{8}\ \Phi_{72}^{5}\ \Phi_{36}^{5}\ \Phi_{32}\ \Phi_{18}^{5}\ \Phi_{16}\ \Phi_{9}^{5}\ \Phi_{8}\ \Phi_{1}$
94776	1421	2520	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{23}{72}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{360}\ \Phi_{315}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{18}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
94777	1421	225	$\frac{4}{75}$	$\frac{22}{225}$	$\frac{1}{5}$	$\frac{71}{225}$	$\Phi_{225}^{6}\ \Phi_{75}^{7}\ \Phi_{45}^{6}\ \Phi_{25}^{7}\ \Phi_{15}^{7}\ \Phi_{9}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{7}\ \Phi_{1}^{7}$
94778	1421	71	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{22}{71}$	$\Phi_{71}^{20}\ \Phi_{1}^{21}$
94779	1421	1092	$\frac{3}{52}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{1092}^{2}\ \Phi_{546}^{2}\ \Phi_{273}^{2}\ \Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{52}\ \Phi_{42}\ \Phi_{39}^{2}\ \Phi_{26}\ \Phi_{21}\ \Phi_{13}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
94780	1421	1344	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{15}{64}$	$\frac{13}{42}$	$\Phi_{1344}^{2}\ \Phi_{672}^{2}\ \Phi_{192}^{2}\ \Phi_{96}^{2}\ \Phi_{64}\ \Phi_{42}\ \Phi_{32}\ \Phi_{21}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
94781	1421	420	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{13}{42}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{4}\ \Phi_{70}^{5}\ \Phi_{60}^{5}\ \Phi_{42}\ \Phi_{35}^{4}\ \Phi_{30}^{5}\ \Phi_{21}\ \Phi_{20}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{6}\ \Phi_{5}^{5}\ \Phi_{3}\ \Phi_{1}$
94782	1421	378	$\frac{1}{14}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{13}{42}$	$\Phi_{378}^{4}\ \Phi_{189}^{4}\ \Phi_{126}^{4}\ \Phi_{63}^{4}\ \Phi_{54}^{5}\ \Phi_{42}\ \Phi_{27}^{5}\ \Phi_{21}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
94783	1421	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{13}{42}$	$\Phi_{168}^{12}\ \Phi_{84}^{12}\ \Phi_{42}^{13}\ \Phi_{24}^{12}\ \Phi_{21}^{13}\ \Phi_{12}^{12}\ \Phi_{8}^{6}\ \Phi_{6}^{13}\ \Phi_{4}^{6}\ \Phi_{3}^{13}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
94784	1421	1650	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{229}{1650}$	$\frac{101}{330}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{275}\ \Phi_{150}\ \Phi_{110}\ \Phi_{75}\ \Phi_{55}\ \Phi_{50}\ \Phi_{25}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
94785	1421	100	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{13}{100}$	$\frac{3}{10}$	$\Phi_{100}^{14}\ \Phi_{50}^{14}\ \Phi_{25}^{14}\ \Phi_{20}^{14}\ \Phi_{10}^{16}\ \Phi_{5}^{16}\ \Phi_{4}^{14}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
94786	1421	2025	$\frac{4}{75}$	$\frac{71}{675}$	$\frac{1}{5}$	$\frac{604}{2025}$	$\Phi_{2025}\ \Phi_{405}\ \Phi_{81}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
94787	1421	288	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{8}$	$\frac{85}{288}$	$\Phi_{288}^{7}\ \Phi_{144}^{7}\ \Phi_{72}^{7}\ \Phi_{36}^{7}\ \Phi_{24}^{4}\ \Phi_{18}^{7}\ \Phi_{12}^{3}\ \Phi_{9}^{7}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
94788	1421	285	$\frac{4}{95}$	$\frac{13}{95}$	$\frac{1}{5}$	$\frac{82}{285}$	$\Phi_{285}^{7}\ \Phi_{95}\ \Phi_{57}^{7}\ \Phi_{19}\ \Phi_{15}^{7}\ \Phi_{3}^{7}\ \Phi_{1}$
94789	1421	1980	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{660}$	$\frac{559}{1980}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{198}\ \Phi_{180}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
94790	1421	216	$\frac{13}{216}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{216}^{7}\ \Phi_{108}^{7}\ \Phi_{72}^{5}\ \Phi_{54}^{7}\ \Phi_{36}^{5}\ \Phi_{27}^{7}\ \Phi_{24}^{7}\ \Phi_{18}^{6}\ \Phi_{12}^{7}\ \Phi_{9}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
94791	1421	1950	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{121}{650}$	$\frac{529}{1950}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{390}\ \Phi_{195}\ \Phi_{150}\ \Phi_{130}\ \Phi_{78}\ \Phi_{75}\ \Phi_{65}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
94792	1421	60	$\frac{1}{30}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{60}^{29}\ \Phi_{30}^{18}\ \Phi_{20}^{29}\ \Phi_{15}^{19}\ \Phi_{12}^{29}\ \Phi_{10}^{18}\ \Phi_{6}^{18}\ \Phi_{4}^{18}\ \Phi_{4}^{29}\ \Phi_{3}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
94793	1421	1920	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{141}{640}$	$\frac{499}{1920}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
94794	1421	416	$\frac{3}{52}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{416}^{4}\ \Phi_{208}^{4}\ \Phi_{104}^{4}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
94795	1421	64	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{15}{64}$	$\frac{1}{4}$	$\Phi_{64}^{29}\ \Phi_{32}^{14}\ \Phi_{16}^{17}\ \Phi_{8}^{17}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
94796	1421	1472	$\frac{51}{1472}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
94797	1421	1760	$\frac{13}{352}$	$\frac{3}{16}$	$\frac{339}{1760}$	$\frac{1}{4}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
94798	1421	1584	$\frac{13}{176}$	$\frac{163}{1584}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{72}\ \Phi_{66}\ \Phi_{48}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
94799	1421	1536	$\frac{115}{1536}$	$\frac{13}{128}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
94800	1421	480	$\frac{1}{12}$	$\frac{3}{32}$	$\frac{11}{60}$	$\frac{1}{4}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{4}\ \Phi_{120}^{4}\ \Phi_{80}^{4}\ \Phi_{60}\ \Phi_{40}^{4}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
94801	1421	1820	$\frac{3}{52}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{35}\ \Phi_{26}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}$
94802	1421	864	$\frac{5}{54}$	$\frac{3}{32}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{864}^{2}\ \Phi_{432}^{2}\ \Phi_{288}^{2}\ \Phi_{216}^{2}\ \Phi_{144}^{2}\ \Phi_{72}^{2}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
94803	1421	240	$\frac{3}{40}$	$\frac{1}{8}$	$\frac{37}{240}$	$\frac{1}{4}$	$\Phi_{240}^{7}\ \Phi_{120}^{7}\ \Phi_{80}^{7}\ \Phi_{60}^{7}\ \Phi_{48}^{7}\ \Phi_{30}^{7}\ \Phi_{24}^{7}\ \Phi_{16}^{7}\ \Phi_{15}^{7}\ \Phi_{12}^{7}\ \Phi_{8}^{3}\ \Phi_{6}^{7}\ \Phi_{4}^{2}\ \Phi_{3}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
94804	1421	440	$\frac{17}{220}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{440}^{4}\ \Phi_{220}^{3}\ \Phi_{110}^{3}\ \Phi_{88}^{4}\ \Phi_{55}^{3}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
94805	1421	32	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{32}^{49}\ \Phi_{16}^{49}\ \Phi_{8}^{31}\ \Phi_{4}^{30}\ \Phi_{2}^{30}\ \Phi_{1}^{31}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
94806	1421	2240	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{15}{64}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{320}\ \Phi_{160}\ \Phi_{64}\ \Phi_{35}\ \Phi_{32}\ \Phi_5\ \Phi_1$
94807	1421	264	$\frac{5}{66}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{61}{264}$	$\Phi_{264}^5\ \Phi_{132}^5\ \Phi_{88}^5\ \Phi_{66}^6\ \Phi_{44}^5\ \Phi_{33}^6\ \Phi_{24}^7\ \Phi_{22}^6\ \Phi_{12}^7\ \Phi_{11}^6\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
94808	1421	1760	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{339}{1760}$	$\frac{101}{440}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
94809	1421	240	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{37}{240}$	$\frac{11}{48}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{80}^7\ \Phi_{60}^7\ \Phi_{40}^7\ \Phi_{30}^7\ \Phi_{24}^4\ \Phi_{20}^7\ \Phi_{15}^7\ \Phi_{12}^3\ \Phi_{10}^7\ \Phi_8^3\ \Phi_6^3\ \Phi_5^7\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
94810	1421	1800	$\frac{4}{75}$	$\frac{71}{450}$	$\frac{1}{5}$	$\frac{379}{1800}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
94811	1421	1500	$\frac{79}{1500}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}\ \Phi_{250}\ \Phi_{150}\ \Phi_{125}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
94812	1421	250	$\frac{3}{50}$	$\frac{4}{25}$	$\frac{47}{250}$	$\frac{1}{5}$	$\Phi_{250}^7\ \Phi_{125}^7\ \Phi_{25}\ \Phi_1$
94813	1421	225	$\frac{22}{225}$	$\frac{3}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{225}^7\ \Phi_{75}^7\ \Phi_{45}^7\ \Phi_{25}\ \Phi_{15}^7\ \Phi_9^7\ \Phi_3^7\ \Phi_1$
94814	1421	1600	$\frac{21}{200}$	$\frac{179}{1600}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
94815	1421	420	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{11}{60}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{70}^3\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5^5\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
94816	1421	136	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{5}{34}$	$\frac{3}{17}$	$\Phi_{136}^{12}\ \Phi_{68}^{12}\ \Phi_{34}^5\ \Phi_{17}^7\ \Phi_8^{11}\ \Phi_4^{11}\ \Phi_2^4\ \Phi_1^7$
94817	1421	1890	$\frac{5}{54}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{35}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_5\ \Phi_1$
94818	1421	280	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{40}^6\ \Phi_{35}^7\ \Phi_{20}^6\ \Phi_{10}^6\ \Phi_8^6\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
94819	1422	2360	$\frac{1}{236}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{235}{472}$	$\Phi_{2360}\ \Phi_{472}^2\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
94820	1422	1416	$\frac{1}{236}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{235}{472}$	$\Phi_{1416}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
94821	1422	406	$\frac{1}{203}$	$\frac{34}{203}$	$\frac{169}{406}$	$\frac{101}{203}$	$\Phi_{406}^6\ \Phi_{203}\ \Phi_{58}^6\ \Phi_{29}\ \Phi_{14}^6\ \Phi_7\ \Phi_2^6\ \Phi_1^2$
94822	1422	1414	$\frac{4}{707}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{703}{1414}$	$\Phi_{1414}^2\ \Phi_{202}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
94823	1422	2512	$\frac{1}{157}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{78}{157}$	$\Phi_{2512}\ \Phi_{157}\ \Phi_{16}^2\ \Phi_1^2$
94824	1422	628	$\frac{1}{157}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{78}{157}$	$\Phi_{628}^2\ \Phi_{314}^2\ \Phi_{157}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
94825	1422	940	$\frac{2}{235}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{233}{470}$	$\Phi_{940}^2\ \Phi_{235}^2\ \Phi_{188}^2\ \Phi_{47}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
94826	1422	1421	$\frac{13}{1421}$	$\frac{239}{1421}$	$\frac{394}{1421}$	$\frac{704}{1421}$	$\Phi_{1421}\ \Phi_{203}\ \Phi_{49}\ \Phi_{29}\ \Phi_7\ \Phi_1^2$
94827	1422	4224	$\frac{7}{704}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{697}{1408}$	$\Phi_{4224}\ \Phi_{384}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
94828	1422	380	$\frac{1}{95}$	$\frac{16}{95}$	$\frac{1}{4}$	$\frac{47}{95}$	$\Phi_{380}^5\ \Phi_{190}^5\ \Phi_{76}^5\ \Phi_{38}^5\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_4^4\ \Phi_2^4$
94829	1422	469	$\frac{5}{469}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{232}{469}$	$\Phi_{469}^3\ \Phi_{67}^3\ \Phi_7^5\ \Phi_1^6$
94830	1422	952	$\frac{3}{238}$	$\frac{1}{7}$	$\frac{241}{952}$	$\frac{235}{476}$	$\Phi_{952}^2\ \Phi_{238}^2\ \Phi_{136}^2\ \Phi_{119}^2\ \Phi_{56}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
94831	1422	2652	$\frac{1}{78}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{77}{156}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{204}\ \Phi_{156}^2\ \Phi_{68}\ \Phi_{52}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
94832	1422	780	$\frac{1}{78}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{77}{156}$	$\Phi_{780}^4\ \Phi_{260}^4\ \Phi_{156}^2\ \Phi_{60}^4\ \Phi_{52}^2\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
94833	1422	2652	$\frac{1}{78}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{77}{156}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{204}\ \Phi_{156}^2\ \Phi_{68}\ \Phi_{52}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
94834	1422	1092	$\frac{1}{78}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{77}{156}$	$\Phi_{1092}\ \Phi_{546}^2\ \Phi_{364}\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{84}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2$
94835	1422	1400	$\frac{11}{700}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{689}{1400}$	$\Phi_{1400}^2\ \Phi_{280}^2\ \Phi_{200}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
94836	1422	530	$\frac{1}{53}$	$\frac{1}{10}$	$\frac{27}{106}$	$\frac{26}{53}$	$\Phi_{530}^3\ \Phi_{265}^3\ \Phi_{106}\ \Phi_{53}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
94837	1422	1372	$\frac{1}{49}$	$\frac{25}{686}$	$\frac{661}{1372}$	$\frac{24}{49}$	$\Phi_{1372}^2\ \Phi_{196}^2\ \Phi_{49}\ \Phi_{28}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
94838	1422	343	$\frac{1}{49}$	$\frac{25}{343}$	$\frac{106}{343}$	$\frac{24}{49}$	$\Phi_{343}^4\ \Phi_{49}^5\ \Phi_7^5\ \Phi_1^6$
94839	1422	784	$\frac{1}{49}$	$\frac{73}{784}$	$\frac{25}{98}$	$\frac{24}{49}$	$\Phi_{784}^2\ \Phi_{392}^2\ \Phi_{196}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{49}\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
94840	1422	464	$\frac{5}{232}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{227}{464}$	$\Phi_{464}^6\ \Phi_{29}\ \Phi_{16}^6\ \Phi_1^2$
94841	1422	464	$\frac{5}{232}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{227}{464}$	$\Phi_{464}^6\ \Phi_{29}\ \Phi_{16}^6\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
94842	1422	154	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{75}{154}$	$\Phi_{154}^{18}\ \Phi_{22}^{18}\ \Phi_{14}^{18}\ \Phi_{7}^{5}\ \Phi_{2}^{18}\ \Phi_{1}^{6}$
94843	1422	1904	$\frac{1}{34}$	$\frac{35}{272}$	$\frac{1}{7}$	$\frac{33}{68}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{238}\ \Phi_{119}\ \Phi_{112}\ \Phi_{56}\ \Phi_{14}$
94844	1422	116	$\frac{1}{29}$	$\frac{5}{116}$	$\frac{37}{116}$	$\frac{14}{29}$	$\Phi_{116}^{12}\ \Phi_{58}^{12}\ \Phi_{29}^{13}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
94845	1422	754	$\frac{1}{29}$	$\frac{43}{754}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{754}^{2}\ \Phi_{377}^{2}\ \Phi_{29}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{1}^{2}$
94846	1422	928	$\frac{1}{29}$	$\frac{15}{232}$	$\frac{217}{928}$	$\frac{14}{29}$	$\Phi_{928}^{2}\ \Phi_{464}^{2}\ \Phi_{32}^{2}\ \Phi_{29}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
94847	1422	290	$\frac{1}{29}$	$\frac{5}{58}$	$\frac{53}{290}$	$\frac{14}{29}$	$\Phi_{290}^{6}\ \Phi_{145}^{6}\ \Phi_{29}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{1}^{2}$
94848	1422	87	$\frac{1}{29}$	$\frac{8}{87}$	$\frac{5}{29}$	$\frac{14}{29}$	$\Phi_{87}^{18}\ \Phi_{29}^{13}\ \Phi_{3}^{18}\ \Phi_{1}^{14}$
94849	1422	812	$\frac{1}{29}$	$\frac{101}{812}$	$\frac{15}{116}$	$\frac{14}{29}$	$\Phi_{812}^{2}\ \Phi_{406}^{2}\ \Phi_{203}^{2}\ \Phi_{29}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
94850	1422	152	$\frac{3}{76}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{152}^{18}\ \Phi_{76}\ \Phi_{38}\ \Phi_{8}^{18}$
94851	1422	500	$\frac{1}{25}$	$\frac{13}{250}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{500}^{4}\ \Phi_{250}^{2}\ \Phi_{125}^{2}\ \Phi_{100}^{3}\ \Phi_{50}\ \Phi_{25}^{2}\ \Phi_{20}^{3}\ \Phi_{10}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
94852	1422	988	$\frac{10}{247}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{988}^{2}\ \Phi_{494}^{2}\ \Phi_{76}\ \Phi_{52}^{2}\ \Phi_{38}\ \Phi_{26}^{2}$
94853	1422	300	$\frac{1}{25}$	$\frac{4}{75}$	$\frac{1}{4}$	$\frac{71}{150}$	$\Phi_{300}^{6}\ \Phi_{100}^{7}\ \Phi_{75}^{6}\ \Phi_{60}^{6}\ \Phi_{50}\ \Phi_{25}^{6}\ \Phi_{20}^{7}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{10}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
94854	1422	2850	$\frac{1}{19}$	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{2850}\ \Phi_{950}\ \Phi_{570}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{38}$
94855	1422	448	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{211}{448}$	$\Phi_{448}^{6}\ \Phi_{64}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
94856	1422	1377	$\frac{2}{81}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{1377}\ \Phi_{459}\ \Phi_{153}\ \Phi_{81}^{2}\ \Phi_{27}^{2}\ \Phi_{17}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
94857	1422	1989	$\frac{1}{39}$	$\frac{1}{17}$	$\frac{38}{117}$	$\frac{8}{17}$	$\Phi_{1989}\ \Phi_{153}\ \Phi_{117}^{2}\ \Phi_{17}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
94858	1422	1768	$\frac{1}{26}$	$\frac{1}{17}$	$\frac{25}{104}$	$\frac{8}{17}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{136}\ \Phi_{104}^{2}\ \Phi_{68}\ \Phi_{52}^{2}\ \Phi_{17}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
94859	1422	1428	$\frac{1}{17}$	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{238}\ \Phi_{204}\ \Phi_{119}\ \Phi_{84}^{2}\ \Phi_{68}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{17}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
94860	1422	1547	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{8}{17}$	$\Phi_{1547}\ \Phi_{119}\ \Phi_{91}^{2}\ \Phi_{17}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
94861	1422	1824	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
94862	1422	84	$\frac{5}{84}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{84}^{18}\ \Phi_{42}^{18}\ \Phi_{28}^{12}\ \Phi_{21}^{18}\ \Phi_{14}^{18}\ \Phi_{12}^{18}\ \Phi_{7}^{17}\ \Phi_{6}^{18}\ \Phi_{4}^{12}\ \Phi_{3}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
94863	1422	3094	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{1}{7}$	$\frac{205}{442}$	$\Phi_{3094}\ \Phi_{238}\ \Phi_{182}\ \Phi_{119}\ \Phi_{14}$
94864	1422	147	$\frac{1}{49}$	$\frac{11}{147}$	$\frac{16}{49}$	$\frac{68}{147}$	$\Phi_{147}^{9}\ \Phi_{49}^{11}\ \Phi_{21}^{9}\ \Phi_{7}^{11}\ \Phi_{3}^{9}\ \Phi_{1}^{12}$
94865	1422	147	$\frac{11}{147}$	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{68}{147}$	$\Phi_{147}^{9}\ \Phi_{49}^{11}\ \Phi_{21}^{9}\ \Phi_{7}^{11}\ \Phi_{3}^{9}\ \Phi_{1}^{12}$
94866	1422	1309	$\frac{6}{119}$	$\frac{113}{1309}$	$\frac{1}{7}$	$\frac{598}{1309}$	$\Phi_{1309}\ \Phi_{187}\ \Phi_{119}^{2}\ \Phi_{77}\ \Phi_{17}^{2}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^{2}$
94867	1422	145	$\frac{1}{29}$	$\frac{13}{145}$	$\frac{28}{145}$	$\frac{66}{145}$	$\Phi_{145}^{10}\ \Phi_{29}^{9}\ \Phi_{5}^{10}\ \Phi_{1}^{10}$
94868	1422	145	$\frac{2}{29}$	$\frac{13}{145}$	$\frac{3}{29}$	$\frac{66}{145}$	$\Phi_{145}^{9}\ \Phi_{29}^{13}\ \Phi_{5}^{9}\ \Phi_{1}^{14}$
94869	1422	290	$\frac{1}{29}$	$\frac{14}{145}$	$\frac{53}{290}$	$\frac{131}{290}$	$\Phi_{290}^{4}\ \Phi_{145}^{6}\ \Phi_{58}^{4}\ \Phi_{29}^{5}\ \Phi_{10}^{4}\ \Phi_{5}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
94870	1422	2736	$\frac{1}{19}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{144}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
94871	1422	980	$\frac{1}{49}$	$\frac{24}{245}$	$\frac{269}{980}$	$\frac{221}{490}$	$\Phi_{980}^{2}\ \Phi_{245}^{2}\ \Phi_{196}^{2}\ \Phi_{140}^{2}\ \Phi_{49}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
94872	1422	245	$\frac{8}{245}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{245}^{6}\ \Phi_{49}^{5}\ \Phi_{35}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
94873	1422	87	$\frac{2}{29}$	$\frac{8}{87}$	$\frac{3}{29}$	$\frac{13}{29}$	$\Phi_{87}^{18}\ \Phi_{29}^{13}\ \Phi_{3}^{18}\ \Phi_{1}^{14}$
94874	1422	240	$\frac{1}{80}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{240}^{9}\ \Phi_{120}^{9}\ \Phi_{60}^{9}\ \Phi_{48}^{8}\ \Phi_{30}^{9}\ \Phi_{24}^{9}\ \Phi_{15}^{9}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{3}^{8}$
94875	1422	2660	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{140}$	$\Phi_{2660}\ \Phi_{532}\ \Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}$
94876	1422	3738	$\frac{1}{89}$	$\frac{88}{623}$	$\frac{1}{3}$	$\frac{535}{1246}$	$\Phi_{3738}\ \Phi_{534}\ \Phi_{267}\ \Phi_{42}\ \Phi_{6}$
94877	1422	1225	$\frac{1}{49}$	$\frac{197}{1225}$	$\frac{48}{245}$	$\frac{514}{1225}$	$\Phi_{1225}\ \Phi_{245}^{2}\ \Phi_{175}\ \Phi_{49}\ \Phi_{35}^{2}\ \Phi_{25}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
94878	1422	952	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{11}{68}$	$\frac{57}{136}$	$\Phi_{952}^{3}\ \Phi_{238}\ \Phi_{119}\ \Phi_{56}^{3}\ \Phi_{14}$
94879	1422	98	$\frac{1}{49}$	$\frac{8}{49}$	$\frac{19}{98}$	$\frac{41}{98}$	$\Phi_{98}^{12}\ \Phi_{49}^{17}\ \Phi_{14}^{12}\ \Phi_{7}^{17}\ \Phi_{2}^{12}\ \Phi_{1}^{18}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
94880	1422	406	$\frac{5}{203}$	$\frac{33}{203}$	$\frac{34}{203}$	$\frac{169}{406}$	$\Phi_{406}^{6}\ \Phi_{203}\ \Phi_{58}^{6}\ \Phi_{29}\ \Phi_{14}^{6}\ \Phi_{7}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
94881	1422	1190	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{116}{595}$	$\frac{479}{1190}$	$\Phi_{1190}^{2}\ \Phi_{238}^{2}\ \Phi_{170}^{2}\ \Phi_{119}^{2}\ \Phi_{70}^{2}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
94882	1422	590	$\frac{1}{118}$	$\frac{1}{5}$	$\frac{39}{118}$	$\frac{2}{5}$	$\Phi_{590}^{2}\ \Phi_{295}^{2}\ \Phi_{118}^{4}\ \Phi_{59}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
94883	1422	80	$\frac{1}{80}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{80}^{18}\ \Phi_{40}^{18}\ \Phi_{20}^{17}\ \Phi_{16}^{18}\ \Phi_{10}^{17}\ \Phi_{8}^{18}\ \Phi_{5}^{18}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
94884	1422	295	$\frac{1}{59}$	$\frac{58}{295}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{295}^{5}\ \Phi_{59}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
94885	1422	392	$\frac{1}{49}$	$\frac{8}{49}$	$\frac{41}{196}$	$\frac{155}{392}$	$\Phi_{392}^{6}\ \Phi_{56}^{6}\ \Phi_{49}^{5}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
94886	1422	728	$\frac{17}{728}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{728}^{2}\ \Phi_{364}^{2}\ \Phi_{182}^{2}\ \Phi_{104}^{2}\ \Phi_{91}^{2}\ \Phi_{56}^{2}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{14}^{2}\ \Phi_{13}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
94887	1422	1421	$\frac{11}{1421}$	$\frac{317}{1421}$	$\frac{470}{1421}$	$\frac{552}{1421}$	$\Phi_{1421}\ \Phi_{203}\ \Phi_{49}\ \Phi_{29}\ \Phi_{7}\ \Phi_{1}^{2}$
94888	1422	1160	$\frac{1}{29}$	$\frac{14}{145}$	$\frac{131}{580}$	$\frac{449}{1160}$	$\Phi_{1160}^{2}\ \Phi_{232}^{2}\ \Phi_{145}^{2}\ \Phi_{40}^{2}\ \Phi_{29}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
94889	1422	2432	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{2432}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
94890	1422	380	$\frac{1}{95}$	$\frac{47}{190}$	$\frac{1}{4}$	$\frac{143}{380}$	$\Phi_{380}^{3}\ \Phi_{190}^{5}\ \Phi_{95}^{4}\ \Phi_{76}^{3}\ \Phi_{38}^{5}\ \Phi_{20}^{3}\ \Phi_{19}^{4}\ \Phi_{10}^{5}\ \Phi_{5}^{4}\ \Phi_{4}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
94891	1422	1520	$\frac{1}{80}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{304}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}$
94892	1422	322	$\frac{3}{161}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{322}^{7}\ \Phi_{161}^{2}\ \Phi_{46}^{7}\ \Phi_{23}^{2}\ \Phi_{14}^{4}\ \Phi_{7}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
94893	1422	2280	$\frac{1}{20}$	$\frac{1}{19}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{380}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}$
94894	1422	119	$\frac{2}{119}$	$\frac{1}{7}$	$\frac{39}{119}$	$\frac{40}{119}$	$\Phi_{119}^{12}\ \Phi_{17}^{12}\ \Phi_{7}^{11}\ \Phi_{1}^{12}$
94895	1422	203	$\frac{2}{203}$	$\frac{45}{203}$	$\frac{67}{203}$	$\frac{68}{203}$	$\Phi_{203}^{7}\ \Phi_{29}^{7}\ \Phi_{7}^{7}\ \Phi_{1}^{8}$
94896	1422	1900	$\frac{4}{475}$	$\frac{1}{4}$	$\frac{157}{475}$	$\frac{159}{475}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{380}\ \Phi_{190}\ \Phi_{100}\ \Phi_{76}\ \Phi_{50}\ \Phi_{38}\ \Phi_{20}\ \Phi_{10}$
94897	1422	1068	$\frac{1}{178}$	$\frac{59}{178}$	$\frac{1}{3}$	$\frac{119}{356}$	$\Phi_{1068}^{3}\ \Phi_{534}\ \Phi_{267}\ \Phi_{12}^{3}\ \Phi_{6}$
94898	1422	810	$\frac{2}{81}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{810}^{2}\ \Phi_{405}^{2}\ \Phi_{270}^{2}\ \Phi_{162}^{2}\ \Phi_{135}^{2}\ \Phi_{90}^{2}\ \Phi_{54}^{2}\ \Phi_{45}^{2}\ \Phi_{30}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{6}$
94899	1422	708	$\frac{1}{118}$	$\frac{1}{4}$	$\frac{39}{118}$	$\frac{1}{3}$	$\Phi_{708}^{4}\ \Phi_{354}^{2}\ \Phi_{177}^{2}\ \Phi_{12}^{5}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
94900	1422	2136	$\frac{7}{712}$	$\frac{159}{712}$	$\frac{235}{712}$	$\frac{1}{3}$	$\Phi_{2136}\ \Phi_{1068}\ \Phi_{534}\ \Phi_{267}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
94901	1422	1056	$\frac{7}{352}$	$\frac{1}{8}$	$\frac{115}{352}$	$\frac{1}{3}$	$\Phi_{1056}^{2}\ \Phi_{528}^{2}\ \Phi_{264}^{2}\ \Phi_{132}^{2}\ \Phi_{96}^{2}\ \Phi_{66}^{2}\ \Phi_{48}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
94902	1422	1170	$\frac{1}{39}$	$\frac{1}{10}$	$\frac{38}{117}$	$\frac{1}{3}$	$\Phi_{1170}^{2}\ \Phi_{585}^{2}\ \Phi_{234}^{2}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{30}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{6}$
94903	1422	1377	$\frac{2}{81}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{1377}\ \Phi_{459}\ \Phi_{153}\ \Phi_{81}^{2}\ \Phi_{27}^{2}\ \Phi_{17}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
94904	1422	240	$\frac{1}{80}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^{9}\ \Phi_{120}^{9}\ \Phi_{60}^{9}\ \Phi_{48}^{9}\ \Phi_{30}^{9}\ \Phi_{24}^{9}\ \Phi_{15}^{9}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
94905	1422	2832	$\frac{3}{236}$	$\frac{233}{944}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2832}\ \Phi_{1416}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
94906	1422	3540	$\frac{1}{59}$	$\frac{58}{295}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3540}\ \Phi_{1770}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}\ \Phi_{6}$
94907	1422	2268	$\frac{2}{81}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{126}\ \Phi_{28}\ \Phi_{14}$
94908	1422	1560	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{25}{104}$	$\frac{1}{3}$	$\Phi_{1560}^{2}\ \Phi_{780}^{2}\ \Phi_{312}\ \Phi_{156}\ \Phi_{120}^{2}\ \Phi_{60}^{2}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
94909	1422	2208	$\frac{25}{736}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
94910	1422	2640	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{169}{880}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{240}\ \Phi_{165}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
94911	1422	390	$\frac{2}{39}$	$\frac{1}{10}$	$\frac{37}{195}$	$\frac{1}{3}$	$\Phi_{390}^{4}\ \Phi_{195}^{3}\ \Phi_{130}^{4}\ \Phi_{78}^{4}\ \Phi_{65}^{3}\ \Phi_{39}^{4}\ \Phi_{30}^{5}\ \Phi_{26}^{4}\ \Phi_{15}^{4}\ \Phi_{13}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
94912	1422	420	$\frac{5}{84}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{2}\ \Phi_{70}^{4}\ \Phi_{60}^{4}\ \Phi_{42}^{2}\ \Phi_{35}^{4}\ \Phi_{30}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{20}^{4}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{7}^{2}\ \Phi_{6}\ \Phi_{4}^{2}$
94913	1422	2730	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{12}{91}$	$\frac{1}{3}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{210}\ \Phi_{105}\ \Phi_{42}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
94914	1422	768	$\frac{19}{256}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{768}^{3}\ \Phi_{384}^{3}\ \Phi_{192}^{2}\ \Phi_{96}^{2}\ \Phi_{48}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
94915	1422	264	$\frac{7}{88}$	$\frac{9}{88}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{264}^{8}\ \Phi_{132}^{8}\ \Phi_{66}^{8}\ \Phi_{33}^{8}\ \Phi_{24}^{9}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{3}^{8}$
94916	1422	940	$\frac{4}{235}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{77}{235}$	$\Phi_{940}^{2}\ \Phi_{470}^{2}\ \Phi_{188}^{2}\ \Phi_{94}^{2}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
94917	1422	98	$\frac{1}{49}$	$\frac{19}{98}$	$\frac{11}{49}$	$\frac{16}{49}$	$\Phi_{98}^{18}\ \Phi_{49}^{11}\ \Phi_{14}^{18}\ \Phi_{7}^{11}\ \Phi_{2}^{18}\ \Phi_{1}^{12}$
94918	1422	1989	$\frac{1}{39}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{38}{117}$	$\Phi_{1989}\ \Phi_{153}\ \Phi_{117}^{2}\ \Phi_{17}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
94919	1422	3276	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{38}{117}$	$\Phi_{3276}\ \Phi_{1638}\ \Phi_{252}\ \Phi_{126}\ \Phi_{28}\ \Phi_{14}$
94920	1422	714	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{23}{102}$	$\frac{11}{34}$	$\Phi_{714}^{3}\ \Phi_{357}^{3}\ \Phi_{238}\ \Phi_{119}\ \Phi_{42}^{3}\ \Phi_{21}^{3}\ \Phi_{14}$
94921	1422	350	$\frac{11}{350}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{113}{350}$	$\Phi_{350}^{4}\ \Phi_{175}^{4}\ \Phi_{70}^{4}\ \Phi_{50}^{4}\ \Phi_{35}^{4}\ \Phi_{25}^{4}\ \Phi_{14}^{6}\ \Phi_{10}^{4}\ \Phi_{7}^{5}\ \Phi_{5}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
94922	1422	700	$\frac{1}{25}$	$\frac{17}{175}$	$\frac{1}{4}$	$\frac{8}{25}$	$\Phi_{700}^{3}\ \Phi_{350}^{3}\ \Phi_{140}^{3}\ \Phi_{100}\ \Phi_{70}^{3}\ \Phi_{50}\ \Phi_{28}^{3}\ \Phi_{20}\ \Phi_{14}^{3}\ \Phi_{10}$
94923	1422	116	$\frac{5}{116}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{37}{116}$	$\Phi_{116}^{12}\ \Phi_{58}^{12}\ \Phi_{29}^{13}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
94924	1422	684	$\frac{1}{19}$	$\frac{13}{171}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{684}^{3}\ \Phi_{342}^{3}\ \Phi_{228}^{3}\ \Phi_{114}^{3}\ \Phi_{76}\ \Phi_{38}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
94925	1422	290	$\frac{2}{29}$	$\frac{5}{58}$	$\frac{53}{290}$	$\frac{9}{29}$	$\Phi_{290}^{6}\ \Phi_{145}^{6}\ \Phi_{29}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{1}^{2}$
94926	1422	87	$\frac{2}{29}$	$\frac{8}{87}$	$\frac{5}{29}$	$\frac{9}{29}$	$\Phi_{87}^{18}\ \Phi_{29}^{13}\ \Phi_{3}^{18}\ \Phi_{1}^{14}$
94927	1422	228	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{1}{4}$	$\frac{35}{114}$	$\Phi_{228}^{12}\ \Phi_{114}^{6}\ \Phi_{76}\ \Phi_{57}^{6}\ \Phi_{38}\ \Phi_{12}^{12}\ \Phi_{6}^{6}\ \Phi_{3}^{6}$
94928	1422	900	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{1}{4}$	$\frac{67}{225}$	$\Phi_{900}^{3}\ \Phi_{450}^{3}\ \Phi_{180}^{3}\ \Phi_{100}\ \Phi_{90}^{3}\ \Phi_{50}\ \Phi_{36}^{3}\ \Phi_{20}\ \Phi_{18}^{3}\ \Phi_{10}$
94929	1422	112	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{7}$	$\frac{33}{112}$	$\Phi_{112}^{12}\ \Phi_{56}^{12}\ \Phi_{28}^{12}\ \Phi_{16}^{12}\ \Phi_{14}^{18}\ \Phi_{8}^{12}\ \Phi_{7}^{17}\ \Phi_{4}^{12}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
94930	1422	1768	$\frac{1}{26}$	$\frac{2}{17}$	$\frac{25}{104}$	$\frac{5}{17}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{136}\ \Phi_{104}^{2}\ \Phi_{68}\ \Phi_{52}^{2}\ \Phi_{17}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
94931	1422	1428	$\frac{5}{84}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{238}\ \Phi_{204}\ \Phi_{119}\ \Phi_{84}^{2}\ \Phi_{68}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{17}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
94932	1422	1547	$\frac{1}{13}$	$\frac{2}{17}$	$\frac{12}{91}$	$\frac{5}{17}$	$\Phi_{1547}\ \Phi_{119}\ \Phi_{91}^{2}\ \Phi_{17}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
94933	1422	1824	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
94934	1422	84	$\frac{5}{84}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{84}^{18}\ \Phi_{42}^{18}\ \Phi_{28}^{18}\ \Phi_{21}^{18}\ \Phi_{14}^{18}\ \Phi_{12}^{18}\ \Phi_{7}^{5}\ \Phi_{6}^{18}\ \Phi_{4}^{18}\ \Phi_{3}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{6}$
94935	1422	290	$\frac{1}{29}$	$\frac{53}{290}$	$\frac{28}{145}$	$\frac{39}{145}$	$\Phi_{290}^{6}\ \Phi_{145}^{4}\ \Phi_{58}^{6}\ \Phi_{29}^{3}\ \Phi_{10}^{6}\ \Phi_{5}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{4}$
94936	1422	1710	$\frac{1}{19}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{342}\ \Phi_{190}\ \Phi_{171}\ \Phi_{114}\ \Phi_{95}\ \Phi_{38}$
94937	1422	245	$\frac{8}{245}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{245}^{6}\ \Phi_{49}^{5}\ \Phi_{35}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
94938	1422	728	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{25}{104}$	$\frac{1}{4}$	$\Phi_{728}^{3}\ \Phi_{364}\ \Phi_{182}^{2}\ \Phi_{91}^{2}\ \Phi_{56}^{3}\ \Phi_{28}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
94939	1422	532	$\frac{1}{19}$	$\frac{29}{266}$	$\frac{9}{38}$	$\frac{1}{4}$	$\Phi_{532}^{4}\ \Phi_{266}^{2}\ \Phi_{133}^{2}\ \Phi_{76}\ \Phi_{38}\ \Phi_{28}^{4}\ \Phi_{14}^{2}\ \Phi_{7}^{2}$
94940	1422	304	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{67}{304}$	$\frac{1}{4}$	$\Phi_{304}^{6}\ \Phi_{152}^{6}\ \Phi_{76}\ \Phi_{38}\ \Phi_{16}^{6}\ \Phi_{8}^{6}$
94941	1422	100	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{21}{100}$	$\frac{1}{4}$	$\Phi_{100}^{13}\ \Phi_{50}^{13}\ \Phi_{25}^{18}\ \Phi_{20}^{13}\ \Phi_{10}^{13}\ \Phi_{5}^{18}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{18}$
94942	1422	380	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{16}{95}$	$\frac{1}{4}$	$\Phi_{380}^{6}\ \Phi_{190}^{6}\ \Phi_{76}\ \Phi_{38}\ \Phi_{20}^{6}\ \Phi_{10}^{6}$
94943	1422	84	$\frac{5}{84}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{84}^{16}\ \Phi_{42}^{17}\ \Phi_{28}^{17}\ \Phi_{21}^{17}\ \Phi_{14}^{18}\ \Phi_{12}^{18}\ \Phi_{7}^{17}\ \Phi_{6}^{18}\ \Phi_{4}^{18}\ \Phi_{3}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
94944	1422	364	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{364}^{5}\ \Phi_{182}^{5}\ \Phi_{52}^{6}\ \Phi_{28}^{6}\ \Phi_{26}^{6}\ \Phi_{14}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
94945	1422	280	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{43}{280}$	$\frac{13}{56}$	$\Phi_{280}^{6}\ \Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{40}^{6}\ \Phi_{35}^{6}\ \Phi_{20}^{6}\ \Phi_{14}^{6}\ \Phi_{10}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
94946	1422	308	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{71}{308}$	$\Phi_{308}^{6}\ \Phi_{154}^{6}\ \Phi_{44}^{6}\ \Phi_{28}^{6}\ \Phi_{22}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
94947	1422	98	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{19}{98}$	$\frac{11}{49}$	$\Phi_{98}^{18}\ \Phi_{49}^{11}\ \Phi_{14}^{18}\ \Phi_{7}^{11}\ \Phi_{2}^{18}\ \Phi_{1}^{12}$
94948	1422	770	$\frac{59}{770}$	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{3}{14}$	$\Phi_{770}^{2}\ \Phi_{385}^{2}\ \Phi_{154}^{2}\ \Phi_{110}^{2}\ \Phi_{77}^{2}\ \Phi_{55}^{2}\ \Phi_{22}^{2}\ \Phi_{14}^{2}\ \Phi_{11}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
94949	1422	280	$\frac{11}{140}$	$\frac{1}{7}$	$\frac{43}{280}$	$\frac{3}{14}$	$\Phi_{280}^{6}\ \Phi_{140}^{4}\ \Phi_{70}^{4}\ \Phi_{56}^{6}\ \Phi_{40}^{6}\ \Phi_{35}^{4}\ \Phi_{28}^{4}\ \Phi_{20}^{4}\ \Phi_{14}^{6}\ \Phi_{10}^{4}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
94950	1422	1900	$\frac{1}{19}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}$
94951	1423	2832	$\frac{7}{1416}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1409}{2832}$	$\Phi_{2832}\ \Phi_{944}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
94952	1423	2528	$\frac{1}{158}$	$\frac{159}{1264}$	$\frac{1105}{2528}$	$\frac{157}{316}$	$\Phi_{2528}\ \Phi_{316}\ \Phi_{32}\ \Phi_{4}\ \Phi_{1}$
94953	1423	1896	$\frac{1}{158}$	$\frac{473}{1896}$	$\frac{159}{632}$	$\frac{157}{316}$	$\Phi_{1896}\ \Phi_{948}\ \Phi_{474}\ \Phi_{316}\ \Phi_{237}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
94954	1423	1710	$\frac{2}{285}$	$\frac{287}{1710}$	$\frac{1}{3}$	$\frac{283}{570}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{342}\ \Phi_{285}\ \Phi_{171}\ \Phi_{95}\ \Phi_{90}\ \Phi_{57}\ \Phi_{45}\ \Phi_{19}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
94955	1423	2820	$\frac{13}{1410}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1397}{2820}$	$\Phi_{2820}\ \Phi_{940}\ \Phi_{564}\ \Phi_{188}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
94956	1423	2808	$\frac{19}{1404}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{1385}{2808}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{312}\ \Phi_{216}\ \Phi_{104}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
94957	1423	2808	$\frac{19}{1404}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1385}{2808}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{312}\ \Phi_{216}\ \Phi_{104}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
94958	1423	1908	$\frac{8}{477}$	$\frac{1}{9}$	$\frac{485}{1908}$	$\frac{469}{954}$	$\Phi_{1908}\ \Phi_{636}\ \Phi_{477}\ \Phi_{212}\ \Phi_{159}\ \Phi_{53}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
94959	1423	1632	$\frac{5}{204}$	$\frac{209}{1632}$	$\frac{1}{6}$	$\frac{199}{408}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{272}\ \Phi_{204}\ \Phi_{102}\ \Phi_{96}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
94960	1423	1500	$\frac{2}{75}$	$\frac{77}{1500}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}\ \Phi_{250}\ \Phi_{125}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
94961	1423	2772	$\frac{37}{1386}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1349}{2772}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{132}\ \Phi_{84}\ \Phi_{44}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
94962	1423	1482	$\frac{2}{57}$	$\frac{59}{1482}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{494}\ \Phi_{247}\ \Phi_{78}\ \Phi_{57}\ \Phi_{39}\ \Phi_{26}\ \Phi_{19}\ \Phi_{13}\ \Phi_1$
94963	1423	2736	$\frac{2}{57}$	$\frac{55}{1368}$	$\frac{1}{3}$	$\frac{1313}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{144}\ \Phi_{57}\ \Phi_{48}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
94964	1423	2736	$\frac{55}{1368}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{1313}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
94965	1423	2700	$\frac{2}{75}$	$\frac{73}{1350}$	$\frac{1}{3}$	$\frac{1277}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{180}\ \Phi_{108}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
94966	1423	2700	$\frac{73}{1350}$	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{1277}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{180}\ \Phi_{108}\ \Phi_{100}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
94967	1423	1872	$\frac{19}{468}$	$\frac{1}{18}$	$\frac{449}{1872}$	$\frac{17}{36}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{144}\ \Phi_{104}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
94968	1423	1512	$\frac{1}{18}$	$\frac{89}{1512}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
94969	1423	2688	$\frac{79}{1344}$	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1265}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{128}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
94970	1423	1728	$\frac{1}{18}$	$\frac{17}{288}$	$\frac{305}{1728}$	$\frac{271}{576}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
94971	1423	1512	$\frac{89}{1512}$	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{79}{168}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
94972	1423	2652	$\frac{5}{102}$	$\frac{97}{1326}$	$\frac{1}{6}$	$\frac{1229}{2652}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{204}\ \Phi_{156}\ \Phi_{102}\ \Phi_{68}\ \Phi_{52}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
94973	1423	2592	$\frac{1}{18}$	$\frac{127}{1296}$	$\frac{17}{144}$	$\frac{1169}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
94974	1423	2520	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{163}{1260}$	$\frac{1097}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{180}\ \Phi_{168}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
94975	1423	1440	$\frac{17}{1440}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
94976	1423	2448	$\frac{5}{204}$	$\frac{199}{1224}$	$\frac{1}{6}$	$\frac{1025}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{272}\ \Phi_{204}\ \Phi_{144}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
94977	1423	2124	$\frac{7}{708}$	$\frac{1}{6}$	$\frac{701}{2124}$	$\frac{5}{12}$	$\Phi_{2124}\ \Phi_{1062}\ \Phi_{531}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
94978	1423	1440	$\frac{17}{1440}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
94979	1423	2304	$\frac{1}{18}$	$\frac{17}{288}$	$\frac{271}{1152}$	$\frac{881}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
94980	1423	2280	$\frac{2}{285}$	$\frac{283}{1140}$	$\frac{1}{3}$	$\frac{857}{2280}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{285}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{57}\ \Phi_{40}\ \Phi_{24}\ \Phi_{19}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
94981	1423	1458	$\frac{35}{1458}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{1458}\ \Phi_{729}\ \Phi_{486}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_1$
94982	1423	2160	$\frac{17}{360}$	$\frac{1}{18}$	$\frac{343}{1080}$	$\frac{737}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
94983	1423	2115	$\frac{13}{705}$	$\frac{2}{15}$	$\frac{692}{2115}$	$\frac{1}{3}$	$\Phi_{2115}\ \Phi_{423}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
94984	1423	1575	$\frac{2}{75}$	$\frac{152}{1575}$	$\frac{73}{225}$	$\frac{1}{3}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{63}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
94985	1423	1539	$\frac{2}{57}$	$\frac{116}{1539}$	$\frac{55}{171}$	$\frac{1}{3}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_{1}$
94986	1423	2052	$\frac{2}{57}$	$\frac{55}{684}$	$\frac{629}{2052}$	$\frac{1}{3}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{513}\ \Phi_{108}\ \Phi_{57}\ \Phi_{54}\ \Phi_{27}\ \Phi_{19}\ \Phi_{1}$
94987	1423	2025	$\frac{2}{75}$	$\frac{73}{675}$	$\frac{602}{2025}$	$\frac{1}{3}$	$\Phi_{2025}\ \Phi_{405}\ \Phi_{81}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
94988	1423	1596	$\frac{2}{57}$	$\frac{173}{1596}$	$\frac{55}{228}$	$\frac{1}{3}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{133}\ \Phi_{84}\ \Phi_{57}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{19}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
94989	1423	1824	$\frac{2}{57}$	$\frac{55}{456}$	$\frac{401}{1824}$	$\frac{1}{3}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{304}\ \Phi_{96}\ \Phi_{57}\ \Phi_{48}\ \Phi_{32}\ \Phi_{19}\ \Phi_{16}\ \Phi_{1}$
94990	1423	1800	$\frac{2}{75}$	$\frac{73}{450}$	$\frac{377}{1800}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
94991	1423	1710	$\frac{2}{57}$	$\frac{55}{342}$	$\frac{287}{1710}$	$\frac{1}{3}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{95}\ \Phi_{90}\ \Phi_{57}\ \Phi_{45}\ \Phi_{30}\ \Phi_{19}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
94992	1423	1836	$\frac{5}{204}$	$\frac{1}{6}$	$\frac{413}{1836}$	$\frac{199}{612}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{459}\ \Phi_{204}\ \Phi_{108}\ \Phi_{102}\ \Phi_{68}\ \Phi_{54}\ \Phi_{51}\ \Phi_{34}\ \Phi_{27}\ \Phi_{17}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
94993	1423	2106	$\frac{19}{702}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{683}{2106}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_{1}$
94994	1423	1755	$\frac{19}{351}$	$\frac{1}{9}$	$\frac{332}{1755}$	$\frac{8}{27}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{195}\ \Phi_{135}\ \Phi_{65}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
94995	1423	1512	$\frac{89}{1512}$	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
94996	1423	2016	$\frac{5}{84}$	$\frac{79}{672}$	$\frac{1}{6}$	$\frac{593}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
94997	1423	1728	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{305}{1728}$	$\frac{127}{432}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
94998	1423	1512	$\frac{89}{1512}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{126}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
94999	1423	1620	$\frac{1}{18}$	$\frac{197}{1620}$	$\frac{17}{90}$	$\frac{73}{270}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{162}\ \Phi_{108}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
95000	1423	1680	$\frac{5}{84}$	$\frac{257}{1680}$	$\frac{1}{6}$	$\frac{79}{336}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
95001	1423	1848	$\frac{37}{462}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{425}{1848}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{56}\ \Phi_{44}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
95002	1423	1800	$\frac{1}{18}$	$\frac{73}{450}$	$\frac{17}{90}$	$\frac{377}{1800}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
95003	1424	1065	$\frac{1}{355}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{177}{355}$	$\Phi_{1065}\ \Phi_{355}^2\ \Phi_{213}\ \Phi_{71}^2\ \Phi_{15}\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
95004	1424	1423	$\frac{5}{1423}$	$\frac{357}{1423}$	$\frac{533}{1423}$	$\frac{709}{1423}$	$\Phi_{1423}\ \Phi_{1}^2$
95005	1424	2139	$\frac{3}{713}$	$\frac{179}{713}$	$\frac{1}{3}$	$\frac{355}{713}$	$\Phi_{2139}\ \Phi_{93}\ \Phi_{69}$
95006	1424	1239	$\frac{1}{177}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{88}{177}$	$\Phi_{1239}\ \Phi_{413}\ \Phi_{177}^2\ \Phi_{59}^2\ \Phi_{21}\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
95007	1424	885	$\frac{1}{177}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{88}{177}$	$\Phi_{885}^2\ \Phi_{295}^2\ \Phi_{15}^3\ \Phi_{5}^2$
95008	1424	1423	$\frac{9}{1423}$	$\frac{179}{1423}$	$\frac{622}{1423}$	$\frac{707}{1423}$	$\Phi_{1423}\ \Phi_{1}^2$
95009	1424	595	$\frac{1}{119}$	$\frac{1}{5}$	$\frac{30}{119}$	$\frac{59}{119}$	$\Phi_{595}^3\ \Phi_{85}^3\ \Phi_{35}^3\ \Phi_{5}^2$
95010	1424	1423	$\frac{13}{1423}$	$\frac{266}{1423}$	$\frac{359}{1423}$	$\frac{705}{1423}$	$\Phi_{1423}\ \Phi_{1}^2$
95011	1424	2139	$\frac{7}{713}$	$\frac{90}{713}$	$\frac{1}{3}$	$\frac{353}{713}$	$\Phi_{2139}\ \Phi_{93}\ \Phi_{69}$
95012	1424	2640	$\frac{1}{88}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{87}{176}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}^2\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
95013	1424	1584	$\frac{1}{88}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{87}{176}$	$\Phi_{1584}^2\ \Phi_{528}\ \Phi_{176}^2\ \Phi_{144}^2\ \Phi_{48}\ \Phi_{16}^2\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
95014	1424	880	$\frac{1}{88}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{87}{176}$	$\Phi_{880}^3\ \Phi_{176}^4\ \Phi_{80}^3\ \Phi_{16}^4\ \Phi_{5}^3\ \Phi_{1}^4$
95015	1424	175	$\frac{3}{175}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{86}{175}$	$\Phi_{175}^8\ \Phi_{35}^9\ \Phi_{25}^8\ \Phi_{7}^8\ \Phi_{5}^8\ \Phi_{1}^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
95016	1424	510	$\frac{1}{51}$	$\frac{13}{102}$	$\frac{1}{5}$	$\frac{25}{51}$	$\Phi_{510}^{4}\,\Phi_{255}^{3}\,\Phi_{170}^{4}\,\Phi_{85}^{3}\,\Phi_{30}^{4}\,\Phi_{15}^{3}\,\Phi_{10}^{4}\,\Phi_{5}^{2}$
95017	1424	2958	$\frac{2}{87}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{2958}\,\Phi_{986}\,\Phi_{102}\,\Phi_{51}\,\Phi_{34}$
95018	1424	345	$\frac{11}{345}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{167}{345}$	$\Phi_{345}^{4}\,\Phi_{115}^{4}\,\Phi_{69}^{5}\,\Phi_{23}^{4}\,\Phi_{15}^{4}\,\Phi_{5}^{4}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
95019	1424	93	$\frac{1}{31}$	$\frac{4}{93}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{93}^{15}\,\Phi_{31}^{16}\,\Phi_{3}^{14}\,\Phi_{1}^{16}$
95020	1424	2040	$\frac{1}{30}$	$\frac{1}{17}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{2040}\,\Phi_{680}\,\Phi_{510}\,\Phi_{408}\,\Phi_{255}\,\Phi_{170}\,\Phi_{136}\,\Phi_{102}\,\Phi_{85}\,\Phi_{51}\,\Phi_{34}$
95021	1424	276	$\frac{3}{92}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{276}^{8}\,\Phi_{138}^{8}\,\Phi_{69}^{7}\,\Phi_{12}^{8}\,\Phi_{6}^{8}\,\Phi_{3}^{6}$
95022	1424	1023	$\frac{1}{31}$	$\frac{15}{341}$	$\frac{1}{3}$	$\frac{163}{341}$	$\Phi_{1023}^{2}\,\Phi_{93}^{3}\,\Phi_{33}^{2}\,\Phi_{3}^{2}$
95023	1424	170	$\frac{4}{85}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{81}{170}$	$\Phi_{170}^{16}\,\Phi_{85}\,\Phi_{34}^{16}\,\Phi_{10}^{16}\,\Phi_{2}^{16}$
95024	1424	945	$\frac{1}{21}$	$\frac{11}{189}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{945}^{2}\,\Phi_{315}^{2}\,\Phi_{135}^{2}\,\Phi_{105}\,\Phi_{45}^{2}\,\Phi_{35}\,\Phi_{15}$
95025	1424	1836	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{1836}\,\Phi_{918}\,\Phi_{459}\,\Phi_{306}\,\Phi_{153}\,\Phi_{102}\,\Phi_{51}\,\Phi_{34}$
95026	1424	935	$\frac{9}{187}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{935}^{2}\,\Phi_{85}\,\Phi_{55}^{2}$
95027	1424	840	$\frac{1}{21}$	$\frac{5}{84}$	$\frac{1}{5}$	$\frac{79}{168}$	$\Phi_{840}^{4}\,\Phi_{280}^{4}\,\Phi_{120}^{4}\,\Phi_{105}\,\Phi_{40}^{4}\,\Phi_{35}\,\Phi_{15}$
95028	1424	2856	$\frac{1}{17}$	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{79}{168}$	$\Phi_{2856}\,\Phi_{952}\,\Phi_{408}\,\Phi_{136}\,\Phi_{102}\,\Phi_{51}\,\Phi_{34}$
95029	1424	660	$\frac{1}{44}$	$\frac{1}{15}$	$\frac{43}{132}$	$\frac{7}{15}$	$\Phi_{660}^{2}\,\Phi_{330}^{2}\,\Phi_{220}^{2}\,\Phi_{165}^{2}\,\Phi_{132}^{3}\,\Phi_{110}^{2}\,\Phi_{66}^{3}\,\Phi_{60}^{2}\,\Phi_{55}^{2}\,\Phi_{44}^{2}\,\Phi_{33}^{3}$ $\Phi_{30}^{2}\,\Phi_{22}^{2}\,\Phi_{20}^{2}\,\Phi_{15}^{3}\,\Phi_{12}^{3}\,\Phi_{11}^{2}\,\Phi_{10}^{2}\,\Phi_{6}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{4}\,\Phi_{2}^{2}\,\Phi_{1}^{4}$
95030	1424	1380	$\frac{3}{92}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{1380}\,\Phi_{690}\,\Phi_{460}\,\Phi_{345}\,\Phi_{276}\,\Phi_{230}\,\Phi_{138}\,\Phi_{115}\,\Phi_{92}^{2}\,\Phi_{69}\,\Phi_{46}^{2}$ $\Phi_{23}^{2}\,\Phi_{15}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$
95031	1424	330	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{21}{110}$	$\frac{7}{15}$	$\Phi_{330}^{4}\,\Phi_{165}^{4}\,\Phi_{110}^{5}\,\Phi_{66}^{4}\,\Phi_{55}^{5}\,\Phi_{33}^{4}\,\Phi_{30}^{4}\,\Phi_{22}^{4}\,\Phi_{15}^{5}\,\Phi_{11}^{4}\,\Phi_{10}^{5}\,\Phi_{6}^{4}$ $\Phi_{5}^{6}\,\Phi_{3}^{5}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
95032	1424	480	$\frac{1}{15}$	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{7}{15}$	$\Phi_{480}^{3}\,\Phi_{240}^{3}\,\Phi_{160}^{3}\,\Phi_{120}^{2}\,\Phi_{96}^{4}\,\Phi_{80}^{3}\,\Phi_{60}^{2}\,\Phi_{48}^{4}\,\Phi_{40}^{2}\,\Phi_{32}^{4}\,\Phi_{30}^{2}\,\Phi_{24}^{3}$ $\Phi_{20}^{2}\,\Phi_{16}^{4}\,\Phi_{15}^{3}\,\Phi_{12}^{3}\,\Phi_{10}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{4}\,\Phi_{2}^{2}\,\Phi_{1}^{4}$
95033	1424	495	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{7}{15}$	$\Phi_{495}^{3}\,\Phi_{165}^{2}\,\Phi_{99}^{4}\,\Phi_{55}^{2}\,\Phi_{45}^{3}\,\Phi_{33}^{3}\,\Phi_{15}^{3}\,\Phi_{11}^{2}\,\Phi_{9}^{4}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
95034	1424	2754	$\frac{1}{17}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{162}$	$\Phi_{2754}\,\Phi_{918}\,\Phi_{306}\,\Phi_{153}\,\Phi_{102}\,\Phi_{51}\,\Phi_{34}$
95035	1424	1700	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{9}{20}$	$\Phi_{1700}\,\Phi_{850}\,\Phi_{425}\,\Phi_{170}\,\Phi_{85}\,\Phi_{34}$
95036	1424	2720	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{160}$	$\Phi_{2720}\,\Phi_{544}\,\Phi_{170}\,\Phi_{85}\,\Phi_{34}$
95037	1424	630	$\frac{1}{90}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{630}^{2}\,\Phi_{315}^{2}\,\Phi_{210}^{2}\,\Phi_{126}^{2}\,\Phi_{105}^{2}\,\Phi_{90}^{4}\,\Phi_{70}^{2}\,\Phi_{63}^{2}\,\Phi_{45}^{4}\,\Phi_{42}^{2}\,\Phi_{35}^{2}\,\Phi_{30}^{4}$ $\Phi_{21}\,\Phi_{18}^{4}\,\Phi_{15}^{4}\,\Phi_{14}^{2}\,\Phi_{10}^{4}\,\Phi_{9}^{4}\,\Phi_{7}^{2}\,\Phi_{6}^{4}\,\Phi_{5}^{4}\,\Phi_{3}^{2}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
95038	1424	826	$\frac{1}{59}$	$\frac{1}{7}$	$\frac{29}{118}$	$\frac{3}{7}$	$\Phi_{826}^{2}\,\Phi_{413}\,\Phi_{118}^{4}\,\Phi_{59}^{2}\,\Phi_{14}^{2}\,\Phi_{7}^{2}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
95039	1424	455	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{455}^{4}\,\Phi_{65}^{4}\,\Phi_{35}^{3}\,\Phi_{5}^{2}$
95040	1424	765	$\frac{1}{51}$	$\frac{25}{153}$	$\frac{1}{5}$	$\frac{64}{153}$	$\Phi_{765}^{2}\,\Phi_{255}^{3}\,\Phi_{85}^{3}\,\Phi_{45}^{2}\,\Phi_{15}^{3}\,\Phi_{5}^{2}$
95041	1424	1632	$\frac{1}{17}$	$\frac{7}{96}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1632}\,\Phi_{816}\,\Phi_{544}\,\Phi_{408}\,\Phi_{272}\,\Phi_{136}\,\Phi_{102}\,\Phi_{51}\,\Phi_{34}$
95042	1424	1530	$\frac{1}{90}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1530}\,\Phi_{765}\,\Phi_{510}\,\Phi_{306}\,\Phi_{255}\,\Phi_{170}\,\Phi_{153}\,\Phi_{102}\,\Phi_{85}\,\Phi_{51}\,\Phi_{34}$
95043	1424	2550	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{61}{150}$	$\Phi_{2550}\,\Phi_{850}\,\Phi_{510}\,\Phi_{255}\,\Phi_{170}\,\Phi_{102}\,\Phi_{85}\,\Phi_{51}\,\Phi_{34}$
95044	1424	2448	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{17}{72}$	$\frac{55}{144}$	$\Phi_{2448}\,\Phi_{816}\,\Phi_{306}\,\Phi_{272}\,\Phi_{153}\,\Phi_{102}\,\Phi_{51}\,\Phi_{34}$
95045	1424	1423	$\frac{11}{1423}$	$\frac{353}{1423}$	$\frac{444}{1423}$	$\frac{535}{1423}$	$\Phi_{1423}\,\Phi_{1}^{2}$
95046	1424	2139	$\frac{5}{713}$	$\frac{177}{713}$	$\frac{1}{3}$	$\frac{268}{713}$	$\Phi_{2139}\,\Phi_{93}\,\Phi_{69}$
95047	1424	537	$\frac{1}{179}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{537}^{3}\,\Phi_{179}^{2}$
95048	1424	1065	$\frac{3}{355}$	$\frac{88}{355}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1065}\,\Phi_{355}^{2}\,\Phi_{213}\,\Phi_{71}^{2}\,\Phi_{15}\,\Phi_{5}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{4}$
95049	1424	90	$\frac{1}{90}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{90}^{16}\,\Phi_{45}^{16}\,\Phi_{30}^{16}\,\Phi_{18}^{16}\,\Phi_{15}^{15}\,\Phi_{10}^{16}\,\Phi_{9}^{16}\,\Phi_{6}^{16}\,\Phi_{5}^{14}\,\Phi_{3}^{16}\,\Phi_{2}^{16}\,\Phi_{1}^{16}$
95050	1424	213	$\frac{1}{71}$	$\frac{35}{213}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{213}^{7}\,\Phi_{71}^{6}\,\Phi_{3}^{8}\,\Phi_{1}^{8}$
95051	1424	2655	$\frac{2}{177}$	$\frac{1}{5}$	$\frac{175}{531}$	$\frac{1}{3}$	$\Phi_{2655}\,\Phi_{45}\,\Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
95052	1424	396	$\frac{1}{44}$	$\frac{1}{9}$	$\frac{43}{132}$	$\frac{1}{3}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^3\ \Phi_{99}^4\ \Phi_{66}^3\ \Phi_{44}^2\ \Phi_{36}^4\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_9^6\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
95053	1424	759	$\frac{1}{23}$	$\frac{47}{759}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{759}^2\ \Phi_{253}^2\ \Phi_{69}\ \Phi_{33}^2\ \Phi_{11}^2$
95054	1424	1035	$\frac{1}{23}$	$\frac{22}{345}$	$\frac{323}{1035}$	$\frac{1}{3}$	$\Phi_{1035}^2\ \Phi_{207}^2\ \Phi_{69}\ \Phi_{45}^2\ \Phi_9^2$
95055	1424	276	$\frac{3}{92}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{276}^8\ \Phi_{138}^8\ \Phi_{69}^7\ \Phi_{12}^8\ \Phi_6^8\ \Phi_3^6$
95056	1424	1023	$\frac{1}{31}$	$\frac{30}{341}$	$\frac{311}{1023}$	$\frac{1}{3}$	$\Phi_{1023}\ \Phi_{341}^2\ \Phi_{93}^2\ \Phi_{33}\ \Phi_{31}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
95057	1424	828	$\frac{3}{92}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}\ \Phi_{207}^2\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
95058	1424	1770	$\frac{1}{59}$	$\frac{1}{5}$	$\frac{29}{118}$	$\frac{1}{3}$	$\Phi_{1770}^2\ \Phi_{885}\ \Phi_{30}^2\ \Phi_{15}^2$
95059	1424	345	$\frac{1}{23}$	$\frac{11}{115}$	$\frac{26}{115}$	$\frac{1}{3}$	$\Phi_{345}^6\ \Phi_{69}^7\ \Phi_{15}^6\ \Phi_3^6$
95060	1424	93	$\frac{4}{93}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{93}^{15}\ \Phi_{31}^{16}\ \Phi_3^{14}\ \Phi_1^{16}$
95061	1424	2415	$\frac{1}{23}$	$\frac{93}{805}$	$\frac{22}{115}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{105}\ \Phi_{69}\ \Phi_{21}$
95062	1424	990	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{21}{110}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{90}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
95063	1424	207	$\frac{1}{23}$	$\frac{29}{207}$	$\frac{11}{69}$	$\frac{1}{3}$	$\Phi_{207}^8\ \Phi_{69}^5\ \Phi_{23}^4\ \Phi_9^8\ \Phi_3^4\ \Phi_1^4$
95064	1424	288	$\frac{7}{96}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{288}^6\ \Phi_{144}^6\ \Phi_{96}^4\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{32}^4\ \Phi_{24}^3\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{12}^3\ \Phi_9^6\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
95065	1424	99	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{99}^{14}\ \Phi_{33}^{15}\ \Phi_{11}^{14}\ \Phi_9^{16}\ \Phi_3^{16}\ \Phi_1^{16}$
95066	1424	2295	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{103}{459}$	$\frac{50}{153}$	$\Phi_{2295}\ \Phi_{255}\ \Phi_{135}\ \Phi_{85}\ \Phi_{15}$
95067	1424	660	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{43}{132}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{165}^3\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{60}^3\ \Phi_{33}^4\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
95068	1424	525	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{169}{525}$	$\Phi_{525}^4\ \Phi_{105}^4\ \Phi_{75}^4\ \Phi_{35}\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_3^4$
95069	1424	255	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{1}{5}$	$\frac{77}{255}$	$\Phi_{255}^8\ \Phi_{85}\ \Phi_{51}^8\ \Phi_{15}^8\ \Phi_3^8$
95070	1424	1836	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
95071	1424	630	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{1}{5}$	$\frac{37}{126}$	$\Phi_{630}^4\ \Phi_{315}^4\ \Phi_{105}\ \Phi_{90}^4\ \Phi_{45}^4\ \Phi_{35}\ \Phi_{15}$
95072	1424	2142	$\frac{1}{17}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{126}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{306}\ \Phi_{153}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
95073	1424	2040	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{51}\ \Phi_{34}$
95074	1424	460	$\frac{3}{92}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{460}^3\ \Phi_{230}^3\ \Phi_{115}^3\ \Phi_{92}^4\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_5^3\ \Phi_1^4$
95075	1424	105	$\frac{1}{21}$	$\frac{16}{105}$	$\frac{1}{5}$	$\frac{5}{21}$	$\Phi_{105}^{13}\ \Phi_{35}^{13}\ \Phi_{21}^{16}\ \Phi_{15}^{13}\ \Phi_7^{16}\ \Phi_5^{12}\ \Phi_3^{16}\ \Phi_1^{16}$
95076	1424	510	$\frac{1}{17}$	$\frac{13}{102}$	$\frac{1}{5}$	$\frac{4}{17}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{170}^4\ \Phi_{85}\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4$
95077	1424	110	$\frac{1}{22}$	$\frac{21}{110}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{110}^{13}\ \Phi_{55}^{13}\ \Phi_{22}^{12}\ \Phi_{11}^{12}\ \Phi_{10}^{13}\ \Phi_5^{16}\ \Phi_2^{12}\ \Phi_1^{16}$
95078	1424	480	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^4\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
95079	1424	495	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{495}^3\ \Phi_{165}^3\ \Phi_{99}^4\ \Phi_{45}^3\ \Phi_{33}^4\ \Phi_{15}^3\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
95080	1424	425	$\frac{1}{17}$	$\frac{69}{425}$	$\frac{16}{85}$	$\frac{1}{5}$	$\Phi_{425}^4\ \Phi_{85}\ \Phi_{25}^4$
95081	1424	385	$\frac{29}{385}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{385}^4\ \Phi_{77}^4\ \Phi_{55}^4\ \Phi_{35}\ \Phi_{11}^4$
95082	1424	105	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{105}$	$\frac{1}{5}$	$\Phi_{105}^{16}\ \Phi_{35}^9\ \Phi_{21}^{16}\ \Phi_{15}^{16}\ \Phi_7^8\ \Phi_5^8\ \Phi_3^{16}\ \Phi_1^8$
95083	1425	568	$\frac{1}{284}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{283}{568}$	$\Phi_{568}\ \Phi_{284}^4\ \Phi_{142}^4\ \Phi_{71}^4\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
95084	1425	1904	$\frac{3}{476}$	$\frac{1}{4}$	$\frac{479}{1904}$	$\frac{473}{952}$	$\Phi_{1904}\ \Phi_{476}\ \Phi_{272}\ \Phi_{238}\ \Phi_{119}\ \Phi_{112}\ \Phi_{68}\ \Phi_{34}\ \Phi_{28}\ \Phi_{17}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
95085	1425	944	$\frac{3}{472}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{469}{944}$	$\Phi_{944}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
95086	1425	1316	$\frac{1}{94}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{93}{188}$	$\Phi_{658}^2\ \Phi_{329}^2\ \Phi_{188}\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{28}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
95087	1425	1316	$\frac{1}{94}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{93}{188}$	$\Phi_{1316}^2\ \Phi_{188}^3\ \Phi_{28}^2\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
95088	1425	564	$\frac{1}{94}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{93}{188}$	$\Phi_{564}^{2}\,\Phi_{282}^{4}\,\Phi_{188}\,\Phi_{141}^{4}\,\Phi_{94}^{2}\,\Phi_{47}^{2}\,\Phi_{12}^{4}\,\Phi_{6}^{5}\,\Phi_{4}^{2}\,\Phi_{3}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95089	1425	2816	$\frac{17}{1408}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{1391}{2816}$	$\Phi_{2816}\,\Phi_{256}\,\Phi_{32}\,\Phi_{1}$
95090	1425	1876	$\frac{6}{469}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{463}{938}$	$\Phi_{1876}\,\Phi_{469}\,\Phi_{268}\,\Phi_{67}\,\Phi_{28}^{2}\,\Phi_{14}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
95091	1425	1332	$\frac{1}{74}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{73}{148}$	$\Phi_{666}^{2}\,\Phi_{333}^{2}\,\Phi_{222}^{2}\,\Phi_{148}\,\Phi_{111}^{2}\,\Phi_{74}^{2}\,\Phi_{37}^{2}\,\Phi_{36}\,\Phi_{18}^{2}\,\Phi_{12}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95092	1425	3108	$\frac{1}{74}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{73}{148}$	$\Phi_{3108}\,\Phi_{1036}\,\Phi_{148}\,\Phi_{84}\,\Phi_{28}\,\Phi_{21}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
95093	1425	3996	$\frac{1}{74}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{73}{148}$	$\Phi_{3996}\,\Phi_{148}\,\Phi_{108}\,\Phi_{27}\,\Phi_{4}\,\Phi_{1}$
95094	1425	888	$\frac{1}{74}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{73}{148}$	$\Phi_{888}^{2}\,\Phi_{296}^{2}\,\Phi_{222}^{2}\,\Phi_{148}\,\Phi_{111}^{2}\,\Phi_{74}^{2}\,\Phi_{37}^{2}\,\Phi_{24}^{3}\,\Phi_{12}\,\Phi_{8}^{3}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95095	1425	544	$\frac{1}{68}$	$\frac{69}{544}$	$\frac{1}{4}$	$\frac{67}{136}$	$\Phi_{544}^{3}\,\Phi_{272}^{3}\,\Phi_{68}^{3}\,\Phi_{34}^{3}\,\Phi_{32}^{3}\,\Phi_{17}^{3}\,\Phi_{16}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95096	1425	336	$\frac{1}{56}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{55}{112}$	$\Phi_{168}^{8}\,\Phi_{112}\,\Phi_{84}^{8}\,\Phi_{56}^{8}\,\Phi_{48}\,\Phi_{42}^{8}\,\Phi_{28}^{8}\,\Phi_{24}^{8}\,\Phi_{21}^{8}\,\Phi_{16}^{2}\,\Phi_{14}^{8}\,\Phi_{12}^{8}\,\Phi_{8}^{8}\,\Phi_{7}^{8}\,\Phi_{6}^{8}\,\Phi_{4}^{8}\,\Phi_{3}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
95097	1425	3024	$\frac{1}{56}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{55}{112}$	$\Phi_{3024}\,\Phi_{1008}\,\Phi_{432}\,\Phi_{144}\,\Phi_{112}\,\Phi_{27}\,\Phi_{16}\,\Phi_{9}\,\Phi_{1}$
95098	1425	1008	$\frac{1}{56}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{55}{112}$	$\Phi_{1008}^{4}\,\Phi_{144}^{4}\,\Phi_{112}\,\Phi_{36}\,\Phi_{18}\,\Phi_{16}\,\Phi_{9}\,\Phi_{1}$
95099	1425	112	$\frac{1}{56}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{55}{112}$	$\Phi_{112}^{25}\,\Phi_{28}\,\Phi_{16}^{25}\,\Phi_{14}\,\Phi_{7}\,\Phi_{1}$
95100	1425	224	$\frac{1}{56}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{55}{112}$	$\Phi_{224}^{8}\,\Phi_{112}\,\Phi_{56}^{8}\,\Phi_{32}^{9}\,\Phi_{28}^{8}\,\Phi_{16}^{2}\,\Phi_{14}^{8}\,\Phi_{8}^{8}\,\Phi_{7}^{8}\,\Phi_{4}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
95101	1425	336	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{55}{112}$	$\Phi_{336}^{8}\,\Phi_{112}^{9}\,\Phi_{48}^{8}\,\Phi_{16}^{9}\,\Phi_{6}^{4}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
95102	1425	1488	$\frac{2}{93}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{91}{186}$	$\Phi_{1488}\,\Phi_{744}\,\Phi_{496}\,\Phi_{372}\,\Phi_{248}\,\Phi_{124}\,\Phi_{93}\,\Phi_{48}^{2}\,\Phi_{31}\,\Phi_{24}^{2}\,\Phi_{16}\,\Phi_{12}^{2}\,\Phi_{8}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
95103	1425	928	$\frac{11}{464}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{453}{928}$	$\Phi_{928}^{3}\,\Phi_{32}^{3}\,\Phi_{16}^{2}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95104	1425	924	$\frac{13}{462}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{449}{924}$	$\Phi_{924}\,\Phi_{462}^{2}\,\Phi_{308}\,\Phi_{231}^{2}\,\Phi_{154}^{2}\,\Phi_{132}\,\Phi_{84}\,\Phi_{77}^{2}\,\Phi_{66}^{2}\,\Phi_{44}\,\Phi_{42}^{2}\,\Phi_{33}^{2}\,\Phi_{28}^{3}\,\Phi_{22}^{2}\,\Phi_{21}^{2}\,\Phi_{14}^{3}\,\Phi_{12}\,\Phi_{11}^{2}\,\Phi_{7}^{3}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95105	1425	128	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{128}^{15}\,\Phi_{32}^{15}\,\Phi_{16}^{14}\,\Phi_{8}^{14}\,\Phi_{4}^{14}\,\Phi_{2}^{14}\,\Phi_{1}^{15}$
95106	1425	368	$\frac{3}{92}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{89}{184}$	$\Phi_{368}^{4}\,\Phi_{184}^{3}\,\Phi_{92}^{4}\,\Phi_{46}^{4}\,\Phi_{23}^{4}\,\Phi_{16}^{7}\,\Phi_{8}^{6}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
95107	1425	1836	$\frac{16}{459}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{443}{918}$	$\Phi_{1836}\,\Phi_{612}\,\Phi_{459}\,\Phi_{204}\,\Phi_{153}\,\Phi_{108}\,\Phi_{68}^{2}\,\Phi_{51}\,\Phi_{36}\,\Phi_{34}\,\Phi_{27}\,\Phi_{17}\,\Phi_{12}\,\Phi_{9}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
95108	1425	504	$\frac{1}{28}$	$\frac{29}{504}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{504}^{3}\,\Phi_{252}^{3}\,\Phi_{168}^{3}\,\Phi_{126}^{3}\,\Phi_{84}^{3}\,\Phi_{72}^{3}\,\Phi_{63}^{3}\,\Phi_{42}^{3}\,\Phi_{36}^{3}\,\Phi_{28}^{3}\,\Phi_{24}^{3}\,\Phi_{21}^{3}\,\Phi_{18}^{3}\,\Phi_{14}^{3}\,\Phi_{12}^{3}\,\Phi_{9}^{3}\,\Phi_{7}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95109	1425	330	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{53}{110}$	$\Phi_{330}^{5}\,\Phi_{165}^{5}\,\Phi_{66}^{6}\,\Phi_{55}^{5}\,\Phi_{33}^{6}\,\Phi_{30}^{5}\,\Phi_{22}\,\Phi_{15}^{5}\,\Phi_{11}^{5}\,\Phi_{6}^{5}\,\Phi_{5}^{5}\,\Phi_{3}^{5}\,\Phi_{1}^{5}$
95110	1425	312	$\frac{1}{26}$	$\frac{9}{104}$	$\frac{1}{6}$	$\frac{25}{52}$	$\Phi_{312}^{6}\,\Phi_{156}^{4}\,\Phi_{104}^{3}\,\Phi_{78}^{6}\,\Phi_{52}^{2}\,\Phi_{39}^{6}\,\Phi_{26}^{3}\,\Phi_{24}^{6}\,\Phi_{13}^{3}\,\Phi_{12}^{4}\,\Phi_{8}^{3}\,\Phi_{6}^{5}\,\Phi_{4}^{2}\,\Phi_{3}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95111	1425	336	$\frac{1}{28}$	$\frac{1}{24}$	$\frac{9}{28}$	$\frac{23}{48}$	$\Phi_{336}^{8}\,\Phi_{112}^{8}\,\Phi_{48}^{9}\,\Phi_{28}^{2}\,\Phi_{16}^{9}\,\Phi_{14}^{2}\,\Phi_{7}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95112	1425	240	$\frac{1}{24}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{240}^{12}\,\Phi_{80}^{12}\,\Phi_{48}^{9}\,\Phi_{20}^{3}\,\Phi_{16}^{9}\,\Phi_{10}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95113	1425	1680	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{23}{48}$	$\Phi_{1680}^{2}\,\Phi_{560}^{2}\,\Phi_{240}^{2}\,\Phi_{80}^{2}\,\Phi_{70}\,\Phi_{48}\,\Phi_{35}\,\Phi_{16}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
95114	1425	336	$\frac{1}{24}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{23}{48}$	$\Phi_{336}^{8}\,\Phi_{112}^{8}\,\Phi_{48}^{9}\,\Phi_{21}^{3}\,\Phi_{16}^{9}\,\Phi_{7}^{2}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
95115	1425	192	$\frac{1}{24}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{23}{48}$	$\Phi_{192}^{8}\,\Phi_{96}^{8}\,\Phi_{64}^{9}\,\Phi_{48}\,\Phi_{32}^{9}\,\Phi_{24}^{8}\,\Phi_{16}^{2}\,\Phi_{12}^{8}\,\Phi_{8}^{8}\,\Phi_{6}^{8}\,\Phi_{4}^{8}\,\Phi_{3}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
95116	1425	546	$\frac{4}{91}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{87}{182}$	$\Phi_{546}^{3}\,\Phi_{273}^{3}\,\Phi_{91}^{3}\,\Phi_{78}^{4}\,\Phi_{42}^{3}\,\Phi_{39}^{4}\,\Phi_{26}\,\Phi_{21}^{3}\,\Phi_{13}^{3}\,\Phi_{7}^{3}\,\Phi_{6}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
95117	1425	1496	$\frac{3}{68}$	$\frac{71}{1496}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{1496}\,\Phi_{748}\,\Phi_{374}\,\Phi_{187}\,\Phi_{88}\,\Phi_{68}\,\Phi_{44}\,\Phi_{34}\,\Phi_{22}\,\Phi_{17}\,\Phi_{11}\,\Phi_{1}$
95118	1425	924	$\frac{1}{22}$	$\frac{23}{308}$	$\frac{1}{6}$	$\frac{21}{44}$	$\Phi_{924}^{2}\,\Phi_{462}^{2}\,\Phi_{308}\,\Phi_{231}^{2}\,\Phi_{154}\,\Phi_{84}^{2}\,\Phi_{77}\,\Phi_{66}^{2}\,\Phi_{42}^{2}\,\Phi_{33}^{2}\,\Phi_{28}\,\Phi_{22}\,\Phi_{21}^{2}\,\Phi_{14}\,\Phi_{11}\,\Phi_{7}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
95119	1425	544	$\frac{3}{68}$	$\frac{13}{272}$	$\frac{1}{4}$	$\frac{259}{544}$	$\Phi_{544}^{5}\,\Phi_{68}\,\Phi_{34}\,\Phi_{32}^{5}\,\Phi_{17}\,\Phi_{1}$
95120	1425	544	$\frac{13}{272}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{259}{544}$	$\Phi_{544}^{5}\,\Phi_{32}^{5}\,\Phi_{16}^{4}\,\Phi_{8}^{4}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
95121	1425	576	$\frac{5}{96}$	$\frac{1}{16}$	$\frac{101}{576}$	$\frac{91}{192}$	$\Phi_{576}^{3}\,\Phi_{288}^{3}\,\Phi_{144}^{3}\,\Phi_{96}^{3}\,\Phi_{72}^{3}\,\Phi_{48}^{3}\,\Phi_{36}^{3}\,\Phi_{32}^{3}\,\Phi_{24}^{3}\,\Phi_{18}^{3}\,\Phi_{16}^{2}\,\Phi_{12}^{3}\,\Phi_{9}^{3}\,\Phi_{8}^{2}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
95122	1425	1332	$\frac{1}{37}$	$\frac{1}{18}$	$\frac{12}{37}$	$\frac{17}{36}$	$\Phi_{1332}^2\ \Phi_{444}^2\ \Phi_{148}^2\ \Phi_{37}^2\ \Phi_{36}^3\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
95123	1425	468	$\frac{1}{26}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{468}^2\ \Phi_{234}^4\ \Phi_{156}^2\ \Phi_{117}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^4\ \Phi_{36}\ \Phi_{26}^5\ \Phi_{18}^2\ \Phi_{13}^5\ \Phi_{12}$ $\Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
95124	1425	1332	$\frac{2}{37}$	$\frac{1}{18}$	$\frac{7}{37}$	$\frac{17}{36}$	$\Phi_{1332}^2\ \Phi_{444}^2\ \Phi_{148}^2\ \Phi_{37}^2\ \Phi_{36}^3\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
95125	1425	144	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{144}^{10}\ \Phi_{72}^{10}\ \Phi_{48}^{12}\ \Phi_{36}^5\ \Phi_{24}^{12}\ \Phi_{18}^{10}\ \Phi_{16}^{11}\ \Phi_{12}^7\ \Phi_9^{10}\ \Phi_8^{11}\ \Phi_6^{11}\ \Phi_4^6\ \Phi_3^{11}$ $\Phi_2^{10}\ \Phi_1^{11}$
95126	1425	896	$\frac{1}{28}$	$\frac{27}{448}$	$\frac{1}{4}$	$\frac{421}{896}$	$\Phi_{896}^3\ \Phi_{128}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
95127	1425	896	$\frac{27}{448}$	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{421}{896}$	$\Phi_{896}^3\ \Phi_{128}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
95128	1425	704	$\frac{17}{704}$	$\frac{1}{16}$	$\frac{229}{704}$	$\frac{15}{32}$	$\Phi_{704}^2\ \Phi_{352}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{64}^2\ \Phi_{44}^2\ \Phi_{32}^3\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_4^2$ $\Phi_2^2\ \Phi_1^3$
95129	1425	1472	$\frac{47}{1472}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_1$
95130	1425	352	$\frac{17}{352}$	$\frac{1}{16}$	$\frac{67}{352}$	$\frac{15}{32}$	$\Phi_{352}^4\ \Phi_{176}^4\ \Phi_{88}^4\ \Phi_{44}^4\ \Phi_{32}^5\ \Phi_{22}^4\ \Phi_{16}^4\ \Phi_{11}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
95131	1425	512	$\frac{1}{16}$	$\frac{37}{512}$	$\frac{17}{128}$	$\frac{15}{32}$	$\Phi_{512}^3\ \Phi_{256}^3\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
95132	1425	3948	$\frac{1}{47}$	$\frac{1}{14}$	$\frac{46}{141}$	$\frac{13}{28}$	$\Phi_{3948}\ \Phi_{564}\ \Phi_{141}\ \Phi_{84}\ \Phi_{28}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
95133	1425	1316	$\frac{2}{47}$	$\frac{1}{14}$	$\frac{9}{47}$	$\frac{13}{28}$	$\Phi_{1316}^2\ \Phi_{188}^2\ \Phi_{47}^2\ \Phi_{28}^3\ \Phi_4^3\ \Phi_1^3$
95134	1425	420	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^2\ \Phi_{105}^4\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^6\ \Phi_{42}^4\ \Phi_{35}^2\ \Phi_{30}^6\ \Phi_{28}\ \Phi_{21}^4$ $\Phi_{20}^3\ \Phi_{15}^6\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_{10}^3\ \Phi_7^2\ \Phi_6^5\ \Phi_5^3\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
95135	1425	884	$\frac{1}{34}$	$\frac{33}{442}$	$\frac{1}{4}$	$\frac{409}{884}$	$\Phi_{884}\ \Phi_{442}^2\ \Phi_{221}^2\ \Phi_{68}^3\ \Phi_{52}\ \Phi_{34}^3\ \Phi_{26}^2\ \Phi_{17}^3\ \Phi_{13}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
95136	1425	528	$\frac{1}{22}$	$\frac{7}{88}$	$\frac{1}{6}$	$\frac{81}{176}$	$\Phi_{528}^6\ \Phi_{176}^3\ \Phi_{66}^2\ \Phi_{48}^6\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{16}^3\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
95137	1425	176	$\frac{1}{16}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{81}{176}$	$\Phi_{176}^7\ \Phi_{88}^8\ \Phi_{44}^8\ \Phi_{22}^8\ \Phi_{16}^{14}\ \Phi_{11}^8\ \Phi_8^{14}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
95138	1425	64	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{7}{64}$	$\frac{29}{64}$	$\Phi_{64}^{20}\ \Phi_{32}^{25}\ \Phi_{16}^{24}\ \Phi_8^{24}\ \Phi_4^{24}\ \Phi_2^{24}\ \Phi_1^{25}$
95139	1425	312	$\frac{1}{26}$	$\frac{5}{52}$	$\frac{1}{6}$	$\frac{47}{104}$	$\Phi_{312}^{10}\ \Phi_{104}^5\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{24}^{10}\ \Phi_{13}\ \Phi_8^5\ \Phi_6\ \Phi_3\ \Phi_1$
95140	1425	864	$\frac{1}{16}$	$\frac{43}{432}$	$\frac{5}{48}$	$\frac{389}{864}$	$\Phi_{864}^3\ \Phi_{288}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2$ Φ_1^3
95141	1425	1456	$\frac{31}{1456}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{208}\ \Phi_{182}\ \Phi_{112}\ \Phi_{104}\ \Phi_{91}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}$ $\Phi_{16}\ \Phi_{14}\ \Phi_{13}\ \Phi_7\ \Phi_1$
95142	1425	512	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{29}{256}$	$\frac{227}{512}$	$\Phi_{512}^5\ \Phi_{32}^5\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
95143	1425	336	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{168}$	$\Phi_{336}^4\ \Phi_{168}^3\ \Phi_{112}^4\ \Phi_{84}^4\ \Phi_{56}^3\ \Phi_{48}^8\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^7\ \Phi_{21}^4\ \Phi_{16}^7\ \Phi_{14}^4$ $\Phi_{12}^7\ \Phi_8^6\ \Phi_7^4\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
95144	1425	512	$\frac{1}{16}$	$\frac{37}{512}$	$\frac{5}{32}$	$\frac{27}{64}$	$\Phi_{512}^3\ \Phi_{256}^3\ \Phi_{128}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
95145	1425	816	$\frac{1}{68}$	$\frac{67}{408}$	$\frac{1}{4}$	$\frac{341}{816}$	$\Phi_{816}^3\ \Phi_{272}^3\ \Phi_{68}^3\ \Phi_{48}^3\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
95146	1425	608	$\frac{1}{76}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{608}^4\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{32}^3\ \Phi_{19}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
95147	1425	32	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{32}^{75}\ \Phi_{16}^{14}\ \Phi_8^{14}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
95148	1425	768	$\frac{5}{96}$	$\frac{1}{16}$	$\frac{91}{384}$	$\frac{293}{768}$	$\Phi_{768}^3\ \Phi_{256}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2$ Φ_1^3
95149	1425	568	$\frac{1}{142}$	$\frac{1}{4}$	$\frac{47}{142}$	$\frac{3}{8}$	$\Phi_{568}^4\ \Phi_{142}^2\ \Phi_{71}^2\ \Phi_8^5\ \Phi_2^2\ \Phi_1^3$
95150	1425	96	$\frac{1}{96}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{96}^{15}\ \Phi_{48}^{15}\ \Phi_{32}^{15}\ \Phi_{24}^{15}\ \Phi_{16}^{15}\ \Phi_{12}^{15}\ \Phi_8^{12}\ \Phi_6^{15}\ \Phi_4^{14}\ \Phi_3^{15}\ \Phi_2^{14}\ \Phi_1^{15}$
95151	1425	456	$\frac{1}{76}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{456}^4\ \Phi_{228}^4\ \Phi_{114}^4\ \Phi_{76}^3\ \Phi_{57}^4\ \Phi_{38}^3\ \Phi_{24}^3\ \Phi_{19}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2$ Φ_1^3
95152	1425	568	$\frac{1}{71}$	$\frac{14}{71}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{568}^4\ \Phi_{71}^4\ \Phi_8^5\ \Phi_1^5$
95153	1425	696	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{696}^4\ \Phi_{232}^2\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{58}\ \Phi_{29}\ \Phi_{24}^2\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
95154	1425	568	$\frac{7}{142}$	$\frac{9}{142}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{568}^4\ \Phi_{142}^2\ \Phi_{71}^2\ \Phi_8^5\ \Phi_2^2\ \Phi_1^3$
95155	1425	80	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{80}^{20}\ \Phi_{40}^{16}\ \Phi_{20}^{19}\ \Phi_{16}^{15}\ \Phi_{10}^{19}\ \Phi_8^{12}\ \Phi_5^{19}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
95156	1425	1140	$\frac{1}{76}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}^2\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}^2\ \Phi_{114}\ \Phi_{95}^2\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}$ $\Phi_{38}\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
95157	1425	380	$\frac{1}{20}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{380}^{4}\,\Phi_{190}^{4}\,\Phi_{95}^{4}\,\Phi_{76}^{4}\,\Phi_{38}\,\Phi_{20}^{3}\,\Phi_{19}^{3}\,\Phi_{10}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
95158	1425	144	$\frac{1}{24}$	$\frac{1}{16}$	$\frac{23}{72}$	$\frac{49}{144}$	$\Phi_{144}^{7}\,\Phi_{72}^{8}\,\Phi_{48}^{15}\,\Phi_{36}^{8}\,\Phi_{24}^{15}\,\Phi_{18}^{8}\,\Phi_{16}^{14}\,\Phi_{12}^{15}\,\Phi_{9}^{8}\,\Phi_{8}^{14}\,\Phi_{6}^{15}\,\Phi_{4}^{14}\,\Phi_{3}^{15}\,\Phi_{2}^{14}\,\Phi_{1}^{15}$
95159	1425	1428	$\frac{1}{119}$	$\frac{1}{4}$	$\frac{118}{357}$	$\frac{239}{714}$	$\Phi_{1428}\,\Phi_{476}^{2}\,\Phi_{357}\,\Phi_{238}\,\Phi_{204}\,\Phi_{119}\,\Phi_{84}\,\Phi_{68}^{2}\,\Phi_{51}\,\Phi_{34}\,\Phi_{28}^{2}\,\Phi_{21}\,\Phi_{17}\,\Phi_{14}\,\Phi_{12}\,\Phi_{7}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
95160	1425	712	$\frac{1}{178}$	$\frac{59}{178}$	$\frac{237}{712}$	$\frac{119}{356}$	$\Phi_{712}^{3}\,\Phi_{178}^{2}\,\Phi_{89}^{2}\,\Phi_{8}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95161	1425	777	$\frac{1}{37}$	$\frac{2}{21}$	$\frac{12}{37}$	$\frac{1}{3}$	$\Phi_{777}^{2}\,\Phi_{259}^{2}\,\Phi_{37}^{2}\,\Phi_{21}^{3}\,\Phi_{7}^{3}\,\Phi_{1}^{3}$
95162	1425	756	$\frac{1}{28}$	$\frac{2}{27}$	$\frac{9}{28}$	$\frac{1}{3}$	$\Phi_{756}^{2}\,\Phi_{378}^{2}\,\Phi_{252}^{2}\,\Phi_{189}^{2}\,\Phi_{126}^{2}\,\Phi_{108}^{2}\,\Phi_{63}^{2}\,\Phi_{54}^{2}\,\Phi_{36}^{2}\,\Phi_{28}^{2}\,\Phi_{27}^{3}\,\Phi_{18}^{2}\,\Phi_{14}^{2}\,\Phi_{9}^{3}\,\Phi_{7}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95163	1425	1092	$\frac{1}{26}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}^{2}\,\Phi_{546}\,\Phi_{364}^{2}\,\Phi_{273}\,\Phi_{182}\,\Phi_{91}\,\Phi_{84}\,\Phi_{52}^{2}\,\Phi_{28}\,\Phi_{26}\,\Phi_{21}\,\Phi_{13}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
95164	1425	540	$\frac{1}{20}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^{3}\,\Phi_{270}^{3}\,\Phi_{180}^{3}\,\Phi_{135}^{3}\,\Phi_{108}^{2}\,\Phi_{90}^{3}\,\Phi_{54}^{2}\,\Phi_{45}^{3}\,\Phi_{36}^{2}\,\Phi_{27}^{3}\,\Phi_{20}^{3}\,\Phi_{18}^{2}\,\Phi_{10}^{3}\,\Phi_{9}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95165	1425	777	$\frac{2}{37}$	$\frac{2}{21}$	$\frac{7}{37}$	$\frac{1}{3}$	$\Phi_{777}^{2}\,\Phi_{259}^{2}\,\Phi_{37}^{2}\,\Phi_{21}^{3}\,\Phi_{7}^{3}\,\Phi_{1}^{3}$
95166	1425	1890	$\frac{1}{14}$	$\frac{2}{27}$	$\frac{13}{70}$	$\frac{1}{3}$	$\Phi_{1890}\,\Phi_{945}\,\Phi_{630}\,\Phi_{315}\,\Phi_{270}\,\Phi_{135}\,\Phi_{90}\,\Phi_{70}\,\Phi_{45}\,\Phi_{35}\,\Phi_{27}\,\Phi_{10}\,\Phi_{9}\,\Phi_{5}\,\Phi_{1}$
95167	1425	336	$\frac{1}{16}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{336}^{5}\,\Phi_{168}^{5}\,\Phi_{112}^{5}\,\Phi_{84}^{5}\,\Phi_{56}^{5}\,\Phi_{48}^{2}\,\Phi_{42}^{2}\,\Phi_{28}^{5}\,\Phi_{24}^{2}\,\Phi_{21}^{3}\,\Phi_{16}\,\Phi_{14}^{2}\,\Phi_{12}^{2}\,\Phi_{8}\,\Phi_{7}^{3}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
95168	1425	189	$\frac{2}{27}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{189}^{8}\,\Phi_{63}^{8}\,\Phi_{27}^{9}\,\Phi_{21}^{3}\,\Phi_{9}^{9}\,\Phi_{7}^{2}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
95169	1425	1728	$\frac{2}{27}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1728}\,\Phi_{864}\,\Phi_{576}\,\Phi_{432}\,\Phi_{288}\,\Phi_{144}\,\Phi_{64}\,\Phi_{32}\,\Phi_{27}\,\Phi_{16}\,\Phi_{9}\,\Phi_{1}$
95170	1425	708	$\frac{3}{236}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{233}{708}$	$\Phi_{708}^{3}\,\Phi_{354}^{3}\,\Phi_{177}^{3}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95171	1425	612	$\frac{1}{68}$	$\frac{137}{612}$	$\frac{1}{4}$	$\frac{67}{204}$	$\Phi_{612}^{3}\,\Phi_{306}^{3}\,\Phi_{153}^{3}\,\Phi_{68}^{3}\,\Phi_{36}^{3}\,\Phi_{34}^{3}\,\Phi_{18}^{3}\,\Phi_{17}^{3}\,\Phi_{9}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95172	1425	987	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{46}{141}$	$\Phi_{987}^{2}\,\Phi_{141}^{3}\,\Phi_{21}^{2}\,\Phi_{7}^{2}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
95173	1425	564	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{46}{141}$	$\Phi_{564}^{3}\,\Phi_{282}\,\Phi_{188}^{4}\,\Phi_{141}^{2}\,\Phi_{94}^{2}\,\Phi_{47}^{2}\,\Phi_{12}^{5}\,\Phi_{6}^{2}\,\Phi_{4}^{5}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95174	1425	999	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{12}{37}$	$\Phi_{999}^{2}\,\Phi_{37}^{2}\,\Phi_{27}^{3}\,\Phi_{1}^{3}$
95175	1425	888	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{12}{37}$	$\Phi_{888}^{2}\,\Phi_{444}^{2}\,\Phi_{296}^{2}\,\Phi_{148}^{2}\,\Phi_{37}^{2}\,\Phi_{24}^{3}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
95176	1425	252	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{9}{28}$	$\Phi_{252}^{8}\,\Phi_{126}^{8}\,\Phi_{63}^{8}\,\Phi_{36}^{9}\,\Phi_{28}^{2}\,\Phi_{18}^{9}\,\Phi_{14}^{2}\,\Phi_{9}^{9}\,\Phi_{7}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95177	1425	28	$\frac{1}{28}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{9}{28}$	$\Phi_{28}^{51}\,\Phi_{14}^{51}\,\Phi_{7}^{51}\,\Phi_{4}^{50}\,\Phi_{2}^{50}\,\Phi_{1}^{51}$
95178	1425	224	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{9}{28}$	$\Phi_{224}^{8}\,\Phi_{112}^{8}\,\Phi_{32}^{9}\,\Phi_{28}^{2}\,\Phi_{16}^{9}\,\Phi_{14}^{2}\,\Phi_{7}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95179	1425	84	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{9}{28}$	$\Phi_{84}^{16}\,\Phi_{42}^{16}\,\Phi_{28}^{18}\,\Phi_{21}^{16}\,\Phi_{14}^{18}\,\Phi_{12}^{16}\,\Phi_{7}^{18}\,\Phi_{6}^{20}\,\Phi_{4}^{18}\,\Phi_{3}^{20}\,\Phi_{2}^{22}\,\Phi_{1}^{23}$
95180	1425	712	$\frac{31}{712}$	$\frac{97}{712}$	$\frac{123}{712}$	$\frac{227}{712}$	$\Phi_{712}^{2}\,\Phi_{356}^{2}\,\Phi_{178}^{2}\,\Phi_{89}^{2}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95181	1425	66	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{1}{6}$	$\frac{7}{22}$	$\Phi_{66}^{26}\,\Phi_{33}^{26}\,\Phi_{22}^{13}\,\Phi_{11}^{13}\,\Phi_{6}^{25}\,\Phi_{3}^{25}\,\Phi_{2}^{12}\,\Phi_{1}^{13}$
95182	1425	204	$\frac{1}{17}$	$\frac{7}{102}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{204}^{9}\,\Phi_{102}^{4}\,\Phi_{68}^{10}\,\Phi_{51}^{5}\,\Phi_{34}^{5}\,\Phi_{17}^{5}\,\Phi_{12}^{9}\,\Phi_{6}^{4}\,\Phi_{4}^{9}\,\Phi_{3}^{5}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
95183	1425	504	$\frac{29}{504}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{504}^{3}\,\Phi_{252}^{3}\,\Phi_{168}^{3}\,\Phi_{126}^{3}\,\Phi_{84}\,\Phi_{72}^{3}\,\Phi_{63}^{3}\,\Phi_{56}^{3}\,\Phi_{42}^{2}\,\Phi_{36}^{3}\,\Phi_{28}^{3}\,\Phi_{24}^{3}\,\Phi_{21}^{2}\,\Phi_{18}^{3}\,\Phi_{14}^{3}\,\Phi_{12}\,\Phi_{9}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95184	1425	312	$\frac{1}{13}$	$\frac{9}{104}$	$\frac{1}{6}$	$\frac{4}{13}$	$\Phi_{312}^{6}\,\Phi_{156}^{6}\,\Phi_{104}^{3}\,\Phi_{78}^{4}\,\Phi_{52}^{3}\,\Phi_{39}^{4}\,\Phi_{26}\,\Phi_{24}^{6}\,\Phi_{13}^{3}\,\Phi_{12}^{6}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
95185	1425	180	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{180}^{12}\,\Phi_{90}^{12}\,\Phi_{45}^{12}\,\Phi_{36}^{9}\,\Phi_{20}^{3}\,\Phi_{18}^{9}\,\Phi_{10}^{3}\,\Phi_{9}^{9}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95186	1425	1260	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{70}$	$\frac{11}{36}$	$\Phi_{1260}^{2}\,\Phi_{630}^{2}\,\Phi_{315}^{2}\,\Phi_{180}^{2}\,\Phi_{90}^{2}\,\Phi_{70}\,\Phi_{45}^{2}\,\Phi_{36}\,\Phi_{35}\,\Phi_{18}\,\Phi_{10}\,\Phi_{9}\,\Phi_{5}\,\Phi_{1}$
95187	1425	252	$\frac{1}{12}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{11}{36}$	$\Phi_{252}^{8}\,\Phi_{126}^{8}\,\Phi_{63}^{8}\,\Phi_{36}^{9}\,\Phi_{21}^{3}\,\Phi_{18}^{9}\,\Phi_{9}^{9}\,\Phi_{7}^{2}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
95188	1425	576	$\frac{1}{12}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{11}{36}$	$\Phi_{576}^{4}\,\Phi_{288}^{4}\,\Phi_{144}^{4}\,\Phi_{64}\,\Phi_{36}\,\Phi_{32}\,\Phi_{18}\,\Phi_{16}\,\Phi_{9}\,\Phi_{1}$
95189	1425	136	$\frac{3}{68}$	$\frac{13}{136}$	$\frac{1}{4}$	$\frac{41}{136}$	$\Phi_{136}^{10}\,\Phi_{68}^{11}\,\Phi_{34}^{11}\,\Phi_{17}^{11}\,\Phi_{8}^{10}\,\Phi_{4}^{10}\,\Phi_{2}^{10}\,\Phi_{1}^{11}$
95190	1425	576	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{101}{576}$	$\frac{43}{144}$	$\Phi_{576}^{3}\,\Phi_{288}^{3}\,\Phi_{192}^{3}\,\Phi_{96}^{3}\,\Phi_{64}^{3}\,\Phi_{48}^{3}\,\Phi_{32}^{3}\,\Phi_{24}^{3}\,\Phi_{16}^{2}\,\Phi_{12}^{3}\,\Phi_{8}^{2}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
95191	1425	1404	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{1404}^{2}\,\Phi_{702}\,\Phi_{351}\,\Phi_{108}\,\Phi_{52}^{2}\,\Phi_{27}\,\Phi_{26}\,\Phi_{13}\,\Phi_{4}\,\Phi_{1}$
95192	1425	999	$\frac{2}{37}$	$\frac{1}{9}$	$\frac{7}{37}$	$\frac{8}{27}$	$\Phi_{999}^{2}\,\Phi_{37}^{2}\,\Phi_{27}^{3}\,\Phi_{1}^{3}$
95193	1425	432	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{432}^{5}\,\Phi_{216}^{5}\,\Phi_{108}^{5}\,\Phi_{54}^{2}\,\Phi_{48}^{2}\,\Phi_{27}^{3}\,\Phi_{24}^{2}\,\Phi_{16}\,\Phi_{12}^{2}\,\Phi_{8}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
95194	1425	672	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{1}{4}$	$\frac{197}{672}$	$\Phi_{672}^{3}\,\Phi_{336}^{3}\,\Phi_{168}^{3}\,\Phi_{96}^{3}\,\Phi_{84}^{3}\,\Phi_{48}^{3}\,\Phi_{42}^{3}\,\Phi_{28}^{3}\,\Phi_{24}^{3}\,\Phi_{21}^{3}\,\Phi_{14}^{3}\,\Phi_{12}^{3}\,\Phi_{7}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95195	1425	672	$\frac{1}{16}$	$\frac{27}{224}$	$\frac{5}{32}$	$\frac{197}{672}$	$\Phi_{672}^{3}\,\Phi_{336}^{3}\,\Phi_{168}^{3}\,\Phi_{96}^{3}\,\Phi_{84}^{3}\,\Phi_{48}^{3}\,\Phi_{42}^{3}\,\Phi_{32}^{3}\,\Phi_{24}^{3}\,\Phi_{21}^{3}\,\Phi_{16}^{2}\,\Phi_{12}^{3}\,\Phi_{8}^{2}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95196	1425	192	$\frac{17}{192}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{192}^{7}\,\Phi_{96}^{7}\,\Phi_{64}^{8}\,\Phi_{48}^{7}\,\Phi_{32}^{8}\,\Phi_{24}^{8}\,\Phi_{16}^{8}\,\Phi_{12}^{8}\,\Phi_{8}^{8}\,\Phi_{6}^{8}\,\Phi_{4}^{8}\,\Phi_{3}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
95197	1425	196	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{196}^{10}\,\Phi_{98}^{5}\,\Phi_{49}^{5}\,\Phi_{28}^{8}\,\Phi_{14}^{3}\,\Phi_{7}^{5}\,\Phi_{4}^{7}\,\Phi_{2}^{2}\,\Phi_{1}^{5}$
95198	1425	329	$\frac{2}{47}$	$\frac{1}{7}$	$\frac{9}{47}$	$\frac{2}{7}$	$\Phi_{329}^{4}\,\Phi_{47}^{6}\,\Phi_{7}^{6}\,\Phi_{1}^{9}$
95199	1425	420	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{420}^{4}\,\Phi_{210}^{4}\,\Phi_{140}^{2}\,\Phi_{105}^{4}\,\Phi_{84}^{4}\,\Phi_{70}^{2}\,\Phi_{60}^{6}\,\Phi_{42}^{2}\,\Phi_{35}^{2}\,\Phi_{30}^{6}\,\Phi_{28}^{2}\,\Phi_{21}^{2}\,\Phi_{20}^{3}\,\Phi_{15}^{6}\,\Phi_{12}^{6}\,\Phi_{10}^{3}\,\Phi_{7}^{2}\,\Phi_{6}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
95200	1425	132	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{1}{6}$	$\frac{37}{132}$	$\Phi_{132}^{9}\,\Phi_{66}^{11}\,\Phi_{44}^{12}\,\Phi_{33}^{11}\,\Phi_{22}^{13}\,\Phi_{12}^{9}\,\Phi_{11}^{13}\,\Phi_{6}^{10}\,\Phi_{4}^{12}\,\Phi_{3}^{10}\,\Phi_{2}^{12}\,\Phi_{1}^{13}$
95201	1425	712	$\frac{27}{712}$	$\frac{115}{712}$	$\frac{137}{712}$	$\frac{199}{712}$	$\Phi_{712}^{2}\,\Phi_{356}^{2}\,\Phi_{178}^{2}\,\Phi_{89}^{2}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95202	1425	432	$\frac{1}{16}$	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{432}^{4}\,\Phi_{216}^{4}\,\Phi_{144}^{2}\,\Phi_{108}^{3}\,\Phi_{72}^{2}\,\Phi_{54}^{3}\,\Phi_{48}^{4}\,\Phi_{36}\,\Phi_{27}^{3}\,\Phi_{24}^{4}\,\Phi_{18}^{2}\,\Phi_{16}^{3}\,\Phi_{12}^{3}\,\Phi_{9}^{2}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95203	1425	380	$\frac{1}{20}$	$\frac{11}{76}$	$\frac{13}{76}$	$\frac{21}{76}$	$\Phi_{380}^{4}\,\Phi_{190}^{4}\,\Phi_{95}^{4}\,\Phi_{76}^{3}\,\Phi_{38}^{3}\,\Phi_{20}^{3}\,\Phi_{19}^{3}\,\Phi_{10}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95204	1425	89	$\frac{4}{89}$	$\frac{13}{89}$	$\frac{17}{89}$	$\frac{24}{89}$	$\Phi_{89}^{16}\,\Phi_{1}^{17}$
95205	1425	78	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{5}{26}$	$\frac{7}{26}$	$\Phi_{78}^{22}\,\Phi_{39}^{22}\,\Phi_{26}^{11}\,\Phi_{13}^{11}\,\Phi_{6}^{21}\,\Phi_{3}^{21}\,\Phi_{2}^{10}\,\Phi_{1}^{11}$
95206	1425	128	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{29}{128}$	$\frac{33}{128}$	$\Phi_{128}^{10}\,\Phi_{64}^{10}\,\Phi_{32}^{15}\,\Phi_{16}^{14}\,\Phi_{8}^{14}\,\Phi_{4}^{14}\,\Phi_{2}^{14}\,\Phi_{1}^{15}$
95207	1425	140	$\frac{1}{20}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^{12}\,\Phi_{70}^{12}\,\Phi_{35}^{12}\,\Phi_{28}^{9}\,\Phi_{20}^{3}\,\Phi_{14}^{9}\,\Phi_{10}^{3}\,\Phi_{7}^{9}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95208	1425	112	$\frac{1}{28}$	$\frac{17}{112}$	$\frac{27}{112}$	$\frac{1}{4}$	$\Phi_{112}^{12}\,\Phi_{56}^{12}\,\Phi_{28}^{15}\,\Phi_{16}^{12}\,\Phi_{14}^{15}\,\Phi_{8}^{12}\,\Phi_{7}^{15}\,\Phi_{4}^{14}\,\Phi_{2}^{14}\,\Phi_{1}^{15}$
95209	1425	544	$\frac{3}{68}$	$\frac{69}{544}$	$\frac{65}{272}$	$\frac{1}{4}$	$\Phi_{544}^{3}\,\Phi_{272}^{2}\,\Phi_{136}^{2}\,\Phi_{68}^{3}\,\Phi_{34}^{3}\,\Phi_{32}^{3}\,\Phi_{17}^{3}\,\Phi_{16}^{2}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95210	1425	616	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{141}{616}$	$\frac{1}{4}$	$\Phi_{616}^{3}\,\Phi_{308}\,\Phi_{154}^{2}\,\Phi_{88}^{3}\,\Phi_{77}^{2}\,\Phi_{56}^{3}\,\Phi_{44}\,\Phi_{28}^{3}\,\Phi_{22}^{2}\,\Phi_{14}^{3}\,\Phi_{11}^{2}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95211	1425	612	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{137}{612}$	$\frac{1}{4}$	$\Phi_{612}^{2}\,\Phi_{306}^{2}\,\Phi_{204}^{2}\,\Phi_{153}^{3}\,\Phi_{102}^{2}\,\Phi_{68}^{3}\,\Phi_{51}^{3}\,\Phi_{36}^{2}\,\Phi_{34}^{3}\,\Phi_{18}^{2}\,\Phi_{17}^{3}\,\Phi_{12}^{2}\,\Phi_{9}^{3}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95212	1425	160	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{160}^{12}\,\Phi_{80}^{12}\,\Phi_{32}^{9}\,\Phi_{20}^{3}\,\Phi_{16}^{9}\,\Phi_{10}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95213	1425	312	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{312}^{6}\,\Phi_{156}^{2}\,\Phi_{104}^{6}\,\Phi_{78}^{4}\,\Phi_{52}^{4}\,\Phi_{39}^{4}\,\Phi_{26}^{5}\,\Phi_{24}^{3}\,\Phi_{13}^{5}\,\Phi_{12}\,\Phi_{8}^{3}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
95214	1425	564	$\frac{2}{47}$	$\frac{1}{6}$	$\frac{9}{47}$	$\frac{1}{4}$	$\Phi_{564}^{4}\,\Phi_{282}^{2}\,\Phi_{188}^{2}\,\Phi_{141}^{2}\,\Phi_{47}^{2}\,\Phi_{12}^{6}\,\Phi_{6}^{3}\,\Phi_{4}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
95215	1425	68	$\frac{3}{68}$	$\frac{11}{68}$	$\frac{13}{68}$	$\frac{1}{4}$	$\Phi_{68}^{21}\,\Phi_{34}^{21}\,\Phi_{17}^{21}\,\Phi_{4}^{20}\,\Phi_{2}^{20}\,\Phi_{1}^{21}$
95216	1425	140	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{13}{70}$	$\frac{1}{4}$	$\Phi_{140}^{12}\,\Phi_{70}^{13}\,\Phi_{35}^{13}\,\Phi_{28}\,\Phi_{20}^{12}\,\Phi_{14}\,\Phi_{10}^{13}\,\Phi_{7}\,\Phi_{5}^{13}\,\Phi_{1}$
95217	1425	308	$\frac{23}{308}$	$\frac{3}{28}$	$\frac{5}{28}$	$\frac{1}{4}$	$\Phi_{308}^{5}\,\Phi_{154}^{5}\,\Phi_{77}^{5}\,\Phi_{44}^{5}\,\Phi_{28}\,\Phi_{22}^{5}\,\Phi_{14}\,\Phi_{11}^{5}\,\Phi_{7}\,\Phi_{1}$
95218	1425	204	$\frac{7}{102}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{204}^{10}\,\Phi_{102}^{5}\,\Phi_{68}^{8}\,\Phi_{51}^{5}\,\Phi_{34}^{3}\,\Phi_{17}^{5}\,\Phi_{12}^{10}\,\Phi_{6}^{5}\,\Phi_{4}^{7}\,\Phi_{3}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{5}$
95219	1425	60	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{60}^{24}\,\Phi_{30}^{24}\,\Phi_{20}^{27}\,\Phi_{15}^{24}\,\Phi_{12}^{16}\,\Phi_{10}^{27}\,\Phi_{6}^{20}\,\Phi_{5}^{27}\,\Phi_{4}^{18}\,\Phi_{3}^{20}\,\Phi_{2}^{22}\,\Phi_{1}^{23}$
95220	1425	112	$\frac{5}{56}$	$\frac{3}{28}$	$\frac{17}{112}$	$\frac{1}{4}$	$\Phi_{112}^{15}\,\Phi_{56}^{10}\,\Phi_{28}^{11}\,\Phi_{16}^{15}\,\Phi_{14}^{11}\,\Phi_{8}^{10}\,\Phi_{7}^{11}\,\Phi_{4}^{10}\,\Phi_{2}^{10}\,\Phi_{1}^{11}$
95221	1425	84	$\frac{2}{21}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{84}^{18}\,\Phi_{42}^{18}\,\Phi_{28}^{13}\,\Phi_{21}^{21}\,\Phi_{14}^{13}\,\Phi_{12}^{18}\,\Phi_{7}^{15}\,\Phi_{6}^{18}\,\Phi_{4}^{12}\,\Phi_{3}^{21}\,\Phi_{2}^{12}\,\Phi_{1}^{15}$
95222	1425	448	$\frac{3}{28}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{448}^{4}\,\Phi_{224}^{4}\,\Phi_{112}^{4}\,\Phi_{64}\,\Phi_{32}\,\Phi_{28}\,\Phi_{16}\,\Phi_{14}\,\Phi_{7}\,\Phi_{1}$
95223	1425	1056	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{67}{352}$	$\frac{21}{88}$	$\Phi_{1056}^{2}\,\Phi_{528}^{2}\,\Phi_{352}\,\Phi_{176}\,\Phi_{96}^{2}\,\Phi_{66}^{2}\,\Phi_{48}^{2}\,\Phi_{33}^{2}\,\Phi_{32}\,\Phi_{22}\,\Phi_{16}\,\Phi_{11}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
95224	1425	1120	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{70}$	$\frac{7}{32}$	$\Phi_{1120}^{2}\,\Phi_{560}^{2}\,\Phi_{160}^{2}\,\Phi_{80}^{2}\,\Phi_{70}\,\Phi_{35}\,\Phi_{32}\,\Phi_{16}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
95225	1425	672	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{32}$	$\Phi_{672}^{3}\,\Phi_{336}^{3}\,\Phi_{224}^{2}\,\Phi_{112}^{2}\,\Phi_{96}^{3}\,\Phi_{48}^{3}\,\Phi_{32}^{3}\,\Phi_{21}^{3}\,\Phi_{16}^{3}\,\Phi_{7}^{2}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
95226	1425	64	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{32}$	$\Phi_{64}^{25}\ \Phi_{32}^{18}\ \Phi_{16}^{18}\ \Phi_{8}^{24}\ \Phi_{4}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
95227	1425	1092	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{6}$	$\frac{79}{364}$	$\Phi_{1092}^{2}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{156}^{2}\ \Phi_{91}\ \Phi_{84}^{2}\ \Phi_{78}^{2}\ \Phi_{52}\ \Phi_{42}\ \Phi_{39}^{2}$ $\Phi_{28}\ \Phi_{26}\ \Phi_{21}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
95228	1425	888	$\frac{2}{37}$	$\frac{1}{6}$	$\frac{7}{37}$	$\frac{5}{24}$	$\Phi_{888}^{2}\ \Phi_{444}^{2}\ \Phi_{296}^{2}\ \Phi_{148}^{2}\ \Phi_{37}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
95229	1425	48	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{48}^{32}\ \Phi_{24}^{27}\ \Phi_{16}^{31}\ \Phi_{12}^{27}\ \Phi_{8}^{26}\ \Phi_{6}^{31}\ \Phi_{4}^{26}\ \Phi_{3}^{31}\ \Phi_{2}^{30}\ \Phi_{1}^{31}$
95230	1425	210	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{13}{70}$	$\Phi_{210}^{8}\ \Phi_{105}^{8}\ \Phi_{70}^{9}\ \Phi_{35}^{9}\ \Phi_{30}^{8}\ \Phi_{15}^{8}\ \Phi_{10}^{9}\ \Phi_{6}^{4}\ \Phi_{5}^{9}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
95231	1425	66	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{1}{6}$	$\frac{2}{11}$	$\Phi_{66}^{26}\ \Phi_{33}^{26}\ \Phi_{22}^{11}\ \Phi_{11}^{15}\ \Phi_{6}^{25}\ \Phi_{3}^{25}\ \Phi_{2}^{10}\ \Phi_{1}^{15}$
95232	1425	42	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{42}^{32}\ \Phi_{21}^{35}\ \Phi_{14}^{32}\ \Phi_{7}^{34}\ \Phi_{6}^{36}\ \Phi_{3}^{39}\ \Phi_{2}^{36}\ \Phi_{1}^{39}$
95233	1425	192	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{192}^{8}\ \Phi_{96}^{8}\ \Phi_{64}^{9}\ \Phi_{48}^{8}\ \Phi_{32}^{9}\ \Phi_{16}^{9}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
95234	1426	1422	$\frac{2}{711}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{709}{1422}$	$\Phi_{1422}^{2}\ \Phi_{474}^{2}\ \Phi_{158}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
95235	1426	1140	$\frac{1}{285}$	$\frac{143}{570}$	$\frac{427}{1140}$	$\frac{142}{285}$	$\Phi_{1140}^{2}\ \Phi_{380}^{2}\ \Phi_{285}\ \Phi_{228}^{2}\ \Phi_{95}\ \Phi_{76}^{2}\ \Phi_{60}^{2}\ \Phi_{57}\ \Phi_{20}^{2}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}^{2}$ $\Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
95236	1426	2856	$\frac{1}{238}$	$\frac{239}{952}$	$\frac{1}{3}$	$\frac{237}{476}$	$\Phi_{2856}\ \Phi_{714}\ \Phi_{408}\ \Phi_{357}\ \Phi_{168}\ \Phi_{102}\ \Phi_{51}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{6}$
95237	1426	1420	$\frac{3}{710}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{707}{1420}$	$\Phi_{1420}^{2}\ \Phi_{284}^{2}\ \Phi_{20}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
95238	1426	1416	$\frac{5}{708}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{703}{1416}$	$\Phi_{1416}^{2}\ \Phi_{472}^{2}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
95239	1426	4242	$\frac{6}{707}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{701}{1414}$	$\Phi_{4242}\ \Phi_{606}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
95240	1426	816	$\frac{1}{102}$	$\frac{103}{816}$	$\frac{1}{3}$	$\frac{101}{204}$	$\Phi_{816}^{2}\ \Phi_{408}^{2}\ \Phi_{272}^{2}\ \Phi_{136}^{2}\ \Phi_{102}^{2}\ \Phi_{51}^{2}\ \Phi_{48}^{2}\ \Phi_{34}^{2}\ \Phi_{24}^{2}\ \Phi_{17}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}$ $\Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
95241	1426	1330	$\frac{1}{95}$	$\frac{48}{665}$	$\frac{617}{1330}$	$\frac{47}{95}$	$\Phi_{1330}^{2}\ \Phi_{266}^{2}\ \Phi_{190}^{2}\ \Phi_{95}\ \Phi_{70}^{2}\ \Phi_{38}^{2}\ \Phi_{19}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{5}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
95242	1426	1410	$\frac{8}{705}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{697}{1410}$	$\Phi_{1410}^{2}\ \Phi_{470}^{2}\ \Phi_{282}^{2}\ \Phi_{94}^{2}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
95243	1426	1350	$\frac{1}{75}$	$\frac{38}{675}$	$\frac{637}{1350}$	$\frac{37}{75}$	$\Phi_{1350}^{2}\ \Phi_{450}^{2}\ \Phi_{270}^{2}\ \Phi_{150}^{2}\ \Phi_{90}^{2}\ \Phi_{75}\ \Phi_{54}^{2}\ \Phi_{50}^{2}\ \Phi_{30}^{2}\ \Phi_{25}\ \Phi_{18}^{2}\ \Phi_{15}$ $\Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
95244	1426	900	$\frac{1}{75}$	$\frac{38}{225}$	$\frac{187}{900}$	$\frac{37}{75}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}^{2}\ \Phi_{180}^{2}\ \Phi_{150}^{2}\ \Phi_{100}^{2}\ \Phi_{90}^{2}\ \Phi_{75}\ \Phi_{60}^{2}\ \Phi_{50}^{2}\ \Phi_{36}^{2}$ $\Phi_{30}^{2}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
95245	1426	1407	$\frac{19}{1407}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{694}{1407}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{201}\ \Phi_{67}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
95246	1426	1406	$\frac{10}{703}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{693}{1406}$	$\Phi_{1406}^{2}\ \Phi_{74}^{2}\ \Phi_{38}^{2}\ \Phi_{19}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
95247	1426	2684	$\frac{1}{61}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{30}{61}$	$\Phi_{2684}\ \Phi_{244}\ \Phi_{61}\ \Phi_{44}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
95248	1426	2013	$\frac{1}{61}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{30}{61}$	$\Phi_{2013}\ \Phi_{183}\ \Phi_{61}\ \Phi_{33}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
95249	1426	1368	$\frac{1}{57}$	$\frac{29}{684}$	$\frac{655}{1368}$	$\frac{28}{57}$	$\Phi_{1368}^{2}\ \Phi_{456}^{2}\ \Phi_{152}^{2}\ \Phi_{72}^{2}\ \Phi_{57}\ \Phi_{24}^{2}\ \Phi_{19}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
95250	1426	1026	$\frac{1}{57}$	$\frac{29}{342}$	$\frac{313}{1026}$	$\frac{28}{57}$	$\Phi_{1026}^{2}\ \Phi_{513}^{2}\ \Phi_{57}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{19}\ \Phi_{3}\ \Phi_{1}^{2}$
95251	1426	798	$\frac{1}{57}$	$\frac{85}{798}$	$\frac{29}{114}$	$\frac{28}{57}$	$\Phi_{798}^{2}\ \Phi_{399}^{2}\ \Phi_{266}^{2}\ \Phi_{133}^{2}\ \Phi_{57}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{19}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
95252	1426	912	$\frac{1}{57}$	$\frac{29}{228}$	$\frac{199}{912}$	$\frac{28}{57}$	$\Phi_{912}^{2}\ \Phi_{456}^{2}\ \Phi_{304}^{2}\ \Phi_{152}^{2}\ \Phi_{57}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{19}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
95253	1426	855	$\frac{1}{57}$	$\frac{142}{855}$	$\frac{29}{171}$	$\frac{28}{57}$	$\Phi_{855}^{2}\ \Phi_{285}^{2}\ \Phi_{95}^{2}\ \Phi_{57}\ \Phi_{45}^{2}\ \Phi_{19}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
95254	1426	1400	$\frac{13}{700}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{687}{1400}$	$\Phi_{1400}^{2}\ \Phi_{280}^{2}\ \Phi_{200}^{2}\ \Phi_{56}^{2}\ \Phi_{40}^{2}\ \Phi_{25}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
95255	1426	4200	$\frac{13}{700}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{687}{1400}$	$\Phi_{4200}\ \Phi_{840}\ \Phi_{600}\ \Phi_{168}\ \Phi_{120}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{6}$
95256	1426	180	$\frac{1}{45}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{22}{45}$	$\Phi_{180}^{15}\ \Phi_{60}^{16}\ \Phi_{45}\ \Phi_{36}^{15}\ \Phi_{20}^{16}\ \Phi_{15}\ \Phi_{12}^{16}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}^{16}\ \Phi_{3}\ \Phi_{1}^{2}$
95257	1426	495	$\frac{1}{45}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{495}^{3}\ \Phi_{165}^{3}\ \Phi_{99}^{3}\ \Phi_{55}^{3}\ \Phi_{45}\ \Phi_{33}^{4}\ \Phi_{15}\ \Phi_{11}^{4}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
95258	1426	45	$\frac{1}{45}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{22}{45}$	$\Phi_{45}^{32}\ \Phi_{15}^{31}\ \Phi_{9}^{32}\ \Phi_{5}^{31}\ \Phi_{3}^{31}\ \Phi_{1}^{32}$
95259	1426	360	$\frac{1}{45}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{22}{45}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}^{5}\ \Phi_{72}^{5}\ \Phi_{60}^{5}\ \Phi_{45}\ \Phi_{40}^{6}\ \Phi_{36}^{5}\ \Phi_{24}^{5}\ \Phi_{20}^{6}\ \Phi_{15}\ \Phi_{12}^{5}$ $\Phi_{9}\ \Phi_{8}^{6}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{3}\ \Phi_{1}^{2}$
95260	1426	315	$\frac{1}{45}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{22}{45}$	$\Phi_{315}^{5}\ \Phi_{105}^{5}\ \Phi_{63}^{5}\ \Phi_{45}\ \Phi_{35}^{6}\ \Phi_{21}^{5}\ \Phi_{15}\ \Phi_{9}\ \Phi_{7}^{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
95261	1426	180	$\frac{1}{45}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{22}{45}$	$\Phi_{180}^{9}\ \Phi_{90}^{6}\ \Phi_{60}^{9}\ \Phi_{45}^{7}\ \Phi_{36}^{10}\ \Phi_{30}^{6}\ \Phi_{20}^{9}\ \Phi_{18}^{7}\ \Phi_{15}^{7}\ \Phi_{12}^{10}\ \Phi_{10}^{6}\ \Phi_{9}^{8}\ \Phi_{6}^{6}$ $\Phi_{5}^{7}\ \Phi_{4}^{10}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
95262	1426	4182	$\frac{16}{697}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{681}{1394}$	$\Phi_{4182}\ \Phi_{246}\ \Phi_{102}\ \Phi_{51}\ \Phi_{6}$
95263	1426	756	$\frac{1}{42}$	$\frac{43}{756}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
95264	1426	1386	$\frac{20}{693}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{673}{1386}$	$\Phi_{1386}^2\ \Phi_{462}^2\ \Phi_{198}^2\ \Phi_{154}^2\ \Phi_{126}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
95265	1426	960	$\frac{7}{240}$	$\frac{1}{15}$	$\frac{247}{960}$	$\frac{233}{480}$	$\Phi_{960}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
95266	1426	2244	$\frac{1}{34}$	$\frac{35}{748}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{561}\ \Phi_{132}\ \Phi_{102}\ \Phi_{66}\ \Phi_{51}\ \Phi_{33}\ \Phi_{6}$
95267	1426	780	$\frac{2}{65}$	$\frac{67}{780}$	$\frac{1}{5}$	$\frac{63}{130}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
95268	1426	120	$\frac{1}{30}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{120}^{12}\ \Phi_{60}^{10}\ \Phi_{40}^{12}\ \Phi_{30}^{12}\ \Phi_{24}^{14}\ \Phi_{20}^{10}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_{10}^{12}\ \Phi_{8}^{14}\ \Phi_{6}^{14}\ \Phi_{5}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
95269	1426	60	$\frac{1}{30}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{29}{60}$	$\Phi_{60}^{46}\ \Phi_{30}^{2}\ \Phi_{20}^{46}\ \Phi_{15}\ \Phi_{12}^{46}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{46}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
95270	1426	300	$\frac{1}{30}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{29}{60}$	$\Phi_{300}^{10}\ \Phi_{100}^{10}\ \Phi_{60}^{6}\ \Phi_{25}^{2}\ \Phi_{20}^{6}\ \Phi_{12}^{6}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
95271	1426	540	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{29}{60}$	$\Phi_{540}^{6}\ \Phi_{180}^{3}\ \Phi_{108}^{6}\ \Phi_{60}^{4}\ \Phi_{36}^{3}\ \Phi_{27}^{2}\ \Phi_{20}^{4}\ \Phi_{12}^{4}\ \Phi_{9}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
95272	1426	1377	$\frac{49}{1377}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{664}{1377}$	$\Phi_{1377}\ \Phi_{459}\ \Phi_{153}\ \Phi_{81}\ \Phi_{51}^{2}\ \Phi_{27}\ \Phi_{17}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
95273	1426	770	$\frac{2}{55}$	$\frac{57}{770}$	$\frac{1}{5}$	$\frac{53}{110}$	$\Phi_{770}^{2}\ \Phi_{385}^{2}\ \Phi_{154}^{2}\ \Phi_{77}^{2}\ \Phi_{70}^{2}\ \Phi_{55}^{2}\ \Phi_{35}^{2}\ \Phi_{14}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
95274	1426	1375	$\frac{51}{1375}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{662}{1375}$	$\Phi_{1375}\ \Phi_{275}\ \Phi_{125}\ \Phi_{55}^{2}\ \Phi_{25}\ \Phi_{11}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
95275	1426	1050	$\frac{13}{350}$	$\frac{1}{25}$	$\frac{337}{1050}$	$\frac{12}{25}$	$\Phi_{1050}^{2}\ \Phi_{525}^{2}\ \Phi_{210}^{2}\ \Phi_{150}^{2}\ \Phi_{105}^{2}\ \Phi_{75}^{2}\ \Phi_{42}^{2}\ \Phi_{30}^{2}\ \Phi_{25}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
95276	1426	750	$\frac{1}{25}$	$\frac{37}{750}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{750}^{2}\ \Phi_{375}^{2}\ \Phi_{250}^{2}\ \Phi_{150}^{2}\ \Phi_{125}^{2}\ \Phi_{75}^{2}\ \Phi_{30}^{2}\ \Phi_{25}\ \Phi_{15}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
95277	1426	875	$\frac{1}{25}$	$\frac{13}{175}$	$\frac{162}{875}$	$\frac{12}{25}$	$\Phi_{875}^{2}\ \Phi_{125}^{2}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
95278	1426	800	$\frac{1}{25}$	$\frac{87}{800}$	$\frac{13}{100}$	$\frac{12}{25}$	$\Phi_{800}^{2}\ \Phi_{400}^{2}\ \Phi_{200}^{2}\ \Phi_{160}^{2}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{25}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
95279	1426	1368	$\frac{29}{684}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{655}{1368}$	$\Phi_{1368}^{2}\ \Phi_{456}^{2}\ \Phi_{152}^{2}\ \Phi_{72}^{2}\ \Phi_{38}^{2}\ \Phi_{24}^{2}\ \Phi_{19}\ \Phi_{8}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
95280	1426	1365	$\frac{61}{1365}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{652}{1365}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}^{2}\ \Phi_{39}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{13}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
95281	1426	1056	$\frac{1}{32}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{1056}^{2}\ \Phi_{528}^{2}\ \Phi_{264}^{2}\ \Phi_{132}\ \Phi_{96}^{3}\ \Phi_{66}^{2}\ \Phi_{48}^{3}\ \Phi_{33}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
95282	1426	168	$\frac{1}{24}$	$\frac{1}{21}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{168}^{9}\ \Phi_{84}^{9}\ \Phi_{56}^{9}\ \Phi_{42}^{7}\ \Phi_{28}^{9}\ \Phi_{24}^{8}\ \Phi_{21}^{8}\ \Phi_{14}^{7}\ \Phi_{12}^{8}\ \Phi_{8}^{8}\ \Phi_{7}^{8}\ \Phi_{6}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
95283	1426	4080	$\frac{1}{34}$	$\frac{33}{680}$	$\frac{1}{3}$	$\frac{647}{1360}$	$\Phi_{4080}\ \Phi_{816}\ \Phi_{240}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}\ \Phi_{6}$
95284	1426	1350	$\frac{38}{675}$	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{637}{1350}$	$\Phi_{1350}^{2}\ \Phi_{450}^{2}\ \Phi_{270}^{2}\ \Phi_{150}^{2}\ \Phi_{90}^{2}\ \Phi_{54}^{2}\ \Phi_{50}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
95285	1426	1344	$\frac{1}{42}$	$\frac{41}{672}$	$\frac{1}{3}$	$\frac{631}{1344}$	$\Phi_{1344}^{2}\ \Phi_{448}^{2}\ \Phi_{192}^{2}\ \Phi_{64}^{2}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
95286	1426	2184	$\frac{15}{728}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{168}\ \Phi_{156}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{24}\ \Phi_{21}\ \Phi_{6}$
95287	1426	1326	$\frac{1}{51}$	$\frac{50}{663}$	$\frac{1}{3}$	$\frac{613}{1326}$	$\Phi_{1326}^{2}\ \Phi_{442}^{2}\ \Phi_{102}^{2}\ \Phi_{78}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{2}\ \Phi_{26}^{2}\ \Phi_{17}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
95288	1426	1320	$\frac{2}{55}$	$\frac{53}{660}$	$\frac{1}{5}$	$\frac{607}{1320}$	$\Phi_{1320}^{2}\ \Phi_{440}^{2}\ \Phi_{264}^{2}\ \Phi_{120}^{2}\ \Phi_{88}^{2}\ \Phi_{55}^{2}\ \Phi_{40}^{2}\ \Phi_{24}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
95289	1426	1320	$\frac{1}{15}$	$\frac{53}{660}$	$\frac{7}{60}$	$\frac{607}{1320}$	$\Phi_{1320}^{2}\ \Phi_{440}^{2}\ \Phi_{264}^{2}\ \Phi_{120}^{2}\ \Phi_{88}^{2}\ \Phi_{60}^{2}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
95290	1426	57	$\frac{2}{57}$	$\frac{5}{57}$	$\frac{11}{57}$	$\frac{26}{57}$	$\Phi_{57}^{25}\ \Phi_{19}^{25}\ \Phi_{3}^{25}\ \Phi_{1}^{26}$
95291	1426	126	$\frac{1}{63}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{126}^{21}\ \Phi_{63}^{2}\ \Phi_{42}^{20}\ \Phi_{21}^{2}\ \Phi_{18}^{21}\ \Phi_{14}^{20}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{20}\ \Phi_{3}\ \Phi_{2}^{20}\ \Phi_{1}^{2}$
95292	1426	1300	$\frac{2}{65}$	$\frac{63}{650}$	$\frac{1}{5}$	$\frac{587}{1300}$	$\Phi_{1300}^{2}\ \Phi_{260}^{2}\ \Phi_{100}^{2}\ \Phi_{65}^{2}\ \Phi_{52}^{2}\ \Phi_{20}^{2}\ \Phi_{13}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
95293	1426	2632	$\frac{1}{47}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{2632}\ \Phi_{376}\ \Phi_{188}\ \Phi_{94}$
95294	1426	168	$\frac{1}{24}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{168}^{9}\ \Phi_{84}^{9}\ \Phi_{56}^{7}\ \Phi_{42}^{9}\ \Phi_{28}^{9}\ \Phi_{24}^{8}\ \Phi_{21}^{9}\ \Phi_{14}^{9}\ \Phi_{12}^{8}\ \Phi_{8}^{6}\ \Phi_{7}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
95295	1426	72	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{72}^{21}\ \Phi_{36}^{19}\ \Phi_{24}^{20}\ \Phi_{18}^{19}\ \Phi_{12}^{18}\ \Phi_{9}^{20}\ \Phi_{8}^{20}\ \Phi_{6}^{18}\ \Phi_{4}^{18}\ \Phi_{3}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{20}$
95296	1426	2016	$\frac{1}{63}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
95297	1426	1260	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{83}{630}$	$\frac{547}{1260}$	$\Phi_{1260}^{2}\ \Phi_{420}^{2}\ \Phi_{252}^{2}\ \Phi_{180}^{2}\ \Phi_{140}^{2}\ \Phi_{90}^{2}\ \Phi_{84}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
95298	1426	840	$\frac{1}{24}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}\ \Phi_{140}^{2}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{84}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{14}\ \Phi_{10}^{2}$
95299	1426	216	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{216}^{6}\ \Phi_{108}^{6}\ \Phi_{72}^{9}\ \Phi_{54}^{4}\ \Phi_{36}^{9}\ \Phi_{27}^{6}\ \Phi_{24}^{8}\ \Phi_{18}^{7}\ \Phi_{12}^{8}\ \Phi_{9}^{8}\ \Phi_{8}^{8}\ \Phi_{6}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
95300	1426	2520	$\frac{1}{63}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
95301	1426	1224	$\frac{1}{102}$	$\frac{101}{612}$	$\frac{1}{3}$	$\frac{511}{1224}$	$\Phi_{1224}^{2}\ \Phi_{408}^{2}\ \Phi_{136}^{2}\ \Phi_{102}^{2}\ \Phi_{72}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{2}\ \Phi_{24}^{2}\ \Phi_{17}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
95302	1426	720	$\frac{7}{720}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{180}^{2}\ \Phi_{144}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{80}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
95303	1426	1200	$\frac{1}{75}$	$\frac{113}{600}$	$\frac{37}{150}$	$\frac{487}{1200}$	$\Phi_{1200}^{2}\ \Phi_{400}^{2}\ \Phi_{240}^{2}\ \Phi_{150}^{2}\ \Phi_{80}^{2}\ \Phi_{75}\ \Phi_{50}^{2}\ \Phi_{48}^{2}\ \Phi_{30}^{2}\ \Phi_{25}\ \Phi_{16}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
95304	1426	1200	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{113}{600}$	$\frac{487}{1200}$	$\Phi_{1200}^{2}\ \Phi_{400}^{2}\ \Phi_{240}^{2}\ \Phi_{120}^{2}\ \Phi_{80}^{2}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
95305	1426	3570	$\frac{1}{119}$	$\frac{118}{595}$	$\frac{1}{3}$	$\frac{477}{1190}$	$\Phi_{3570}\ \Phi_{714}\ \Phi_{510}\ \Phi_{357}\ \Phi_{210}\ \Phi_{102}\ \Phi_{51}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{6}$
95306	1426	1065	$\frac{3}{355}$	$\frac{1}{5}$	$\frac{352}{1065}$	$\frac{2}{5}$	$\Phi_{1065}^{2}\ \Phi_{213}^{2}\ \Phi_{15}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
95307	1426	720	$\frac{7}{720}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{180}^{2}\ \Phi_{144}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{80}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
95308	1426	760	$\frac{1}{19}$	$\frac{47}{760}$	$\frac{9}{38}$	$\frac{29}{76}$	$\Phi_{760}^{2}\ \Phi_{380}^{2}\ \Phi_{190}^{2}\ \Phi_{152}^{2}\ \Phi_{95}^{2}\ \Phi_{40}^{2}\ \Phi_{38}^{2}\ \Phi_{20}^{2}\ \Phi_{19}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
95309	1426	900	$\frac{1}{75}$	$\frac{187}{900}$	$\frac{37}{150}$	$\frac{113}{300}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{225}^{2}\ \Phi_{180}^{2}\ \Phi_{150}^{2}\ \Phi_{90}^{2}\ \Phi_{75}\ \Phi_{50}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{25}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
95310	1426	1140	$\frac{1}{95}$	$\frac{47}{190}$	$\frac{143}{570}$	$\frac{427}{1140}$	$\Phi_{1140}^{2}\ \Phi_{380}^{2}\ \Phi_{228}^{2}\ \Phi_{190}^{2}\ \Phi_{95}\ \Phi_{76}^{2}\ \Phi_{60}^{2}\ \Phi_{38}^{2}\ \Phi_{20}^{2}\ \Phi_{19}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
95311	1426	1125	$\frac{1}{75}$	$\frac{74}{375}$	$\frac{301}{1125}$	$\frac{412}{1125}$	$\Phi_{1125}\ \Phi_{375}^{2}\ \Phi_{225}\ \Phi_{125}^{2}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
95312	1426	252	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{252}^{9}\ \Phi_{126}^{3}\ \Phi_{84}^{9}\ \Phi_{63}^{2}\ \Phi_{42}^{3}\ \Phi_{36}^{8}\ \Phi_{28}^{9}\ \Phi_{21}^{2}\ \Phi_{18}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{8}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{8}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
95313	1426	2256	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{2256}\ \Phi_{752}\ \Phi_{376}\ \Phi_{188}\ \Phi_{94}$
95314	1426	1083	$\frac{18}{361}$	$\frac{1}{19}$	$\frac{343}{1083}$	$\frac{370}{1083}$	$\Phi_{1083}\ \Phi_{361}^{2}\ \Phi_{57}\ \Phi_{19}\ \Phi_{3}\ \Phi_{1}^{2}$
95315	1426	1080	$\frac{7}{180}$	$\frac{1}{15}$	$\frac{173}{540}$	$\frac{367}{1080}$	$\Phi_{1080}^{2}\ \Phi_{360}^{2}\ \Phi_{216}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
95316	1426	1071	$\frac{2}{357}$	$\frac{355}{1071}$	$\frac{1}{3}$	$\frac{358}{1071}$	$\Phi_{1071}\ \Phi_{357}^{2}\ \Phi_{153}\ \Phi_{119}^{2}\ \Phi_{63}\ \Phi_{51}^{2}\ \Phi_{21}^{2}\ \Phi_{17}^{2}\ \Phi_{9}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
95317	1426	948	$\frac{2}{237}$	$\frac{235}{948}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{948}^{2}\ \Phi_{474}^{2}\ \Phi_{316}^{2}\ \Phi_{158}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
95318	1426	720	$\frac{7}{720}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{180}^{2}\ \Phi_{144}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{80}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
95319	1426	264	$\frac{1}{24}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{264}^{6}\ \Phi_{132}^{6}\ \Phi_{88}^{6}\ \Phi_{66}^{6}\ \Phi_{44}^{6}\ \Phi_{33}^{4}\ \Phi_{24}^{2}\ \Phi_{22}^{6}\ \Phi_{12}^{2}\ \Phi_{11}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
95320	1426	918	$\frac{1}{102}$	$\frac{205}{918}$	$\frac{101}{306}$	$\frac{1}{3}$	$\Phi_{918}^{2}\ \Phi_{459}^{2}\ \Phi_{102}^{2}\ \Phi_{54}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{2}\ \Phi_{27}^{2}\ \Phi_{17}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
95321	1426	1062	$\frac{5}{354}$	$\frac{1}{6}$	$\frac{349}{1062}$	$\frac{1}{3}$	$\Phi_{1062}^{2}\ \Phi_{531}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
95322	1426	102	$\frac{1}{34}$	$\frac{3}{34}$	$\frac{11}{34}$	$\frac{1}{3}$	$\Phi_{102}^{21}\ \Phi_{51}^{21}\ \Phi_{6}^{21}\ \Phi_{3}^{20}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
95323	1426	1050	$\frac{13}{350}$	$\frac{1}{14}$	$\frac{337}{1050}$	$\frac{1}{3}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}^2\ \Phi_{210}\ \Phi_{175}^2\ \Phi_{150}\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2$ $\Phi_{35}^2\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
95324	1426	765	$\frac{2}{51}$	$\frac{52}{765}$	$\frac{49}{153}$	$\frac{1}{3}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{45}^2\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
95325	1426	756	$\frac{1}{21}$	$\frac{43}{756}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2$ $\Phi_{27}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
95326	1426	360	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{90}^6\ \Phi_{72}^6\ \Phi_{45}^4\ \Phi_{36}^6\ \Phi_{24}^2\ \Phi_{18}^6\ \Phi_{12}^2\ \Phi_9^4\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2$ $\Phi_3\ \Phi_2^2\ \Phi_1^2$
95327	1426	1056	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}^2\ \Phi_{264}\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{96}^2\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{48}^2\ \Phi_{44}^2$ $\Phi_{32}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
95328	1426	1020	$\frac{1}{34}$	$\frac{33}{340}$	$\frac{307}{1020}$	$\frac{1}{3}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{60}\ \Phi_{51}^2$ $\Phi_{34}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{17}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
95329	1426	1008	$\frac{1}{42}$	$\frac{41}{336}$	$\frac{295}{1008}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{252}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{21}^2\ \Phi_{18}^2$ $\Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
95330	1426	840	$\frac{1}{42}$	$\frac{127}{840}$	$\frac{41}{168}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{40}^2$ $\Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
95331	1426	816	$\frac{1}{34}$	$\frac{103}{816}$	$\frac{33}{136}$	$\frac{1}{3}$	$\Phi_{816}^2\ \Phi_{408}\ \Phi_{272}^2\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{48}^2\ \Phi_{34}^2\ \Phi_{24}$ $\Phi_{17}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
95332	1426	330	$\frac{2}{33}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{330}^6\ \Phi_{165}^3\ \Phi_{110}^6\ \Phi_{66}^6\ \Phi_{55}^3\ \Phi_{33}^4\ \Phi_{30}^2\ \Phi_{22}^6\ \Phi_{15}\ \Phi_{11}^4\ \Phi_{10}^2\ \Phi_6^2$ $\Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
95333	1426	924	$\frac{1}{21}$	$\frac{20}{231}$	$\frac{211}{924}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{21}^2$ $\Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
95334	1426	120	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{120}^{11}\ \Phi_{60}^{11}\ \Phi_{40}^{12}\ \Phi_{30}^{12}\ \Phi_{24}^{13}\ \Phi_{20}^{12}\ \Phi_{15}^{12}\ \Phi_{12}^{13}\ \Phi_{10}^{12}\ \Phi_8^{14}\ \Phi_6^{14}\ \Phi_5^{12}$ $\Phi_4^{14}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
95335	1426	918	$\frac{2}{51}$	$\frac{49}{459}$	$\frac{205}{918}$	$\frac{1}{3}$	$\Phi_{918}^2\ \Phi_{459}\ \Phi_{306}^2\ \Phi_{153}\ \Phi_{102}^2\ \Phi_{54}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{17}^2\ \Phi_9$ $\Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
95336	1426	99	$\frac{2}{33}$	$\frac{7}{99}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{99}^{14}\ \Phi_{33}^{15}\ \Phi_{11}^{15}\ \Phi_9^{15}\ \Phi_3^{15}\ \Phi_1^{16}$
95337	1426	840	$\frac{1}{24}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{42}^2$ $\Phi_{35}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
95338	1426	825	$\frac{2}{33}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}^2\ \Phi_{25}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
95339	1426	2550	$\frac{1}{34}$	$\frac{137}{850}$	$\frac{33}{170}$	$\frac{1}{3}$	$\Phi_{2550}\ \Phi_{1275}\ \Phi_{150}\ \Phi_{102}\ \Phi_{75}\ \Phi_{51}\ \Phi_6$
95340	1426	2310	$\frac{1}{14}$	$\frac{57}{770}$	$\frac{13}{70}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{165}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{21}\ \Phi_6$
95341	1426	600	$\frac{1}{24}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{100}^3\ \Phi_{75}^2\ \Phi_{50}^3\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2$ $\Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
95342	1426	72	$\frac{1}{24}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{72}^{24}\ \Phi_{36}^{22}\ \Phi_{24}^{14}\ \Phi_{18}^{22}\ \Phi_{12}^{12}\ \Phi_9^{22}\ \Phi_8^{14}\ \Phi_6^{14}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
95343	1426	840	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{127}{840}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}$ $\Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}^2$ $\Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
95344	1426	297	$\frac{2}{33}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{297}^6\ \Phi_{99}^3\ \Phi_{33}^4\ \Phi_{27}^2\ \Phi_{11}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
95345	1426	825	$\frac{2}{55}$	$\frac{112}{825}$	$\frac{1}{5}$	$\frac{53}{165}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{75}^2\ \Phi_{55}^2\ \Phi_{25}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
95346	1426	780	$\frac{4}{65}$	$\frac{67}{780}$	$\frac{1}{5}$	$\frac{61}{195}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}$ $\Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
95347	1426	90	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{14}{45}$	$\Phi_{90}^{30}\ \Phi_{45}^{16}\ \Phi_{30}^2\ \Phi_{18}^{30}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^{16}\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
95348	1426	225	$\frac{1}{15}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{14}{45}$	$\Phi_{225}^{10}\ \Phi_{45}^6\ \Phi_{25}^2\ \Phi_9^6\ \Phi_5\ \Phi_1^2$
95349	1426	135	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{14}{45}$	$\Phi_{135}^{12}\ \Phi_{45}^7\ \Phi_{27}^{14}\ \Phi_{15}^6\ \Phi_9^8\ \Phi_5^6\ \Phi_3^7\ \Phi_1^8$
95350	1426	1026	$\frac{1}{19}$	$\frac{29}{342}$	$\frac{9}{38}$	$\frac{313}{1026}$	$\Phi_{1026}^2\ \Phi_{513}^2\ \Phi_{54}^2\ \Phi_{38}^2\ \Phi_{27}^2\ \Phi_{19}\ \Phi_2^2\ \Phi_1^2$
95351	1426	648	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{648}^3\ \Phi_{324}^3\ \Phi_{162}^3\ \Phi_{81}^2\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2$ $\Phi_3\ \Phi_2^2\ \Phi_1^2$
95352	1426	810	$\frac{1}{15}$	$\frac{97}{810}$	$\frac{7}{45}$	$\frac{38}{135}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{90}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2$ $\Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
95353	1426	990	$\frac{2}{55}$	$\frac{53}{330}$	$\frac{1}{5}$	$\frac{277}{990}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
95354	1426	975	$\frac{2}{65}$	$\frac{63}{325}$	$\frac{1}{5}$	$\frac{262}{975}$	$\Phi_{975}^2\ \Phi_{195}^2\ \Phi_{75}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
95355	1426	168	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{168}^9\ \Phi_{84}^9\ \Phi_{56}^9\ \Phi_{42}^7\ \Phi_{28}^9\ \Phi_{24}^8\ \Phi_{21}^7\ \Phi_{14}^9\ \Phi_{12}^8\ \Phi_8^8\ \Phi_7^8\ \Phi_6^6\ \Phi_4^8\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
95356	1426	798	$\frac{1}{19}$	$\frac{85}{798}$	$\frac{9}{38}$	$\frac{29}{114}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{42}^2\ \Phi_{38}^2\ \Phi_{21}^2\ \Phi_{19}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_2^2\ \Phi_1^2$
95357	1426	880	$\frac{2}{55}$	$\frac{167}{880}$	$\frac{1}{5}$	$\frac{53}{220}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{80}^2\ \Phi_{55}^2\ \Phi_{40}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
95358	1426	912	$\frac{1}{19}$	$\frac{29}{228}$	$\frac{199}{912}$	$\frac{9}{38}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{152}^2\ \Phi_{48}^2\ \Phi_{38}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
95359	1426	120	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{7}{30}$	$\Phi_{120}^{15}\ \Phi_{60}^{15}\ \Phi_{40}^{16}\ \Phi_{30}^2\ \Phi_{24}^{15}\ \Phi_{20}^{16}\ \Phi_{15}\ \Phi_{12}^{15}\ \Phi_{10}^2\ \Phi_8^{16}\ \Phi_6^2\ \Phi_5\ \Phi_4^{16}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
95360	1426	210	$\frac{1}{15}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{7}{30}$	$\Phi_{210}^{10}\ \Phi_{105}^5\ \Phi_{70}^{10}\ \Phi_{42}^{10}\ \Phi_{35}^6\ \Phi_{30}^2\ \Phi_{21}^5\ \Phi_{15}\ \Phi_{14}^{10}\ \Phi_{10}^2\ \Phi_7^6\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
95361	1426	150	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{7}{30}$	$\Phi_{150}^{15}\ \Phi_{75}^8\ \Phi_{50}^{15}\ \Phi_{30}^2\ \Phi_{25}^8\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
95362	1426	180	$\frac{1}{15}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{7}{30}$	$\Phi_{180}^9\ \Phi_{90}^9\ \Phi_{60}^9\ \Phi_{45}^9\ \Phi_{36}^{10}\ \Phi_{30}^2\ \Phi_{20}^9\ \Phi_{18}^{10}\ \Phi_{15}\ \Phi_{12}^{10}\ \Phi_{10}^2\ \Phi_9^{10}\ \Phi_6^2\ \Phi_5\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
95363	1426	200	$\frac{2}{25}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{40}$	$\Phi_{200}^{10}\ \Phi_{100}^{10}\ \Phi_{40}^6\ \Phi_{25}^2\ \Phi_{20}^6\ \Phi_8^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
95364	1426	1080	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{9}{40}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}\ \Phi_{216}^2\ \Phi_{180}\ \Phi_{120}\ \Phi_{108}^2\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
95365	1426	910	$\frac{4}{65}$	$\frac{61}{455}$	$\frac{1}{5}$	$\frac{197}{910}$	$\Phi_{910}^2\ \Phi_{455}\ \Phi_{182}^2\ \Phi_{130}^2\ \Phi_{91}\ \Phi_{70}^2\ \Phi_{65}^2\ \Phi_{35}\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
95366	1426	900	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{38}{225}$	$\frac{187}{900}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
95367	1426	175	$\frac{2}{25}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{175}^{10}\ \Phi_{35}^6\ \Phi_{25}^2\ \Phi_7^6\ \Phi_5\ \Phi_1^2$
95368	1426	825	$\frac{4}{55}$	$\frac{112}{825}$	$\frac{51}{275}$	$\frac{1}{5}$	$\Phi_{825}^2\ \Phi_{275}\ \Phi_{165}^2\ \Phi_{75}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
95369	1426	75	$\frac{2}{25}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{5}$	$\Phi_{75}^{18}\ \Phi_{25}^{20}\ \Phi_{15}^{20}\ \Phi_5^{21}\ \Phi_3^{20}\ \Phi_1^{22}$
95370	1426	900	$\frac{2}{25}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}\ \Phi_{100}^2\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{25}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
95371	1426	945	$\frac{1}{9}$	$\frac{4}{35}$	$\frac{4}{27}$	$\frac{1}{5}$	$\Phi_{945}^2\ \Phi_{315}\ \Phi_{189}^2\ \Phi_{105}\ \Phi_{63}\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
95372	1426	105	$\frac{4}{35}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{105}^{13}\ \Phi_{35}^{14}\ \Phi_{21}^{13}\ \Phi_{15}^{15}\ \Phi_7^{14}\ \Phi_5^{15}\ \Phi_3^{15}\ \Phi_1^{16}$
95373	1426	108	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{27}$	$\frac{1}{6}$	$\Phi_{108}^{18}\ \Phi_{54}^{12}\ \Phi_{36}^{10}\ \Phi_{27}^{14}\ \Phi_{18}^7\ \Phi_{12}^{10}\ \Phi_9^8\ \Phi_6^6\ \Phi_4^{10}\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
95374	1427	2728	$\frac{1}{62}$	$\frac{63}{1364}$	$\frac{1301}{2728}$	$\frac{61}{124}$	$\Phi_{2728}\ \Phi_{248}\ \Phi_{124}\ \Phi_{88}\ \Phi_8\ \Phi_4\ \Phi_1$
95375	1427	2760	$\frac{1}{46}$	$\frac{47}{1380}$	$\frac{1333}{2760}$	$\frac{45}{92}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{184}\ \Phi_{120}\ \Phi_{92}\ \Phi_{40}\ \Phi_{24}\ \Phi_8\ \Phi_4\ \Phi_1$
95376	1427	1840	$\frac{1}{46}$	$\frac{47}{460}$	$\frac{413}{1840}$	$\frac{45}{92}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
95377	1427	1656	$\frac{1}{46}$	$\frac{229}{1656}$	$\frac{47}{276}$	$\frac{45}{92}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{207}\ \Phi_{184}\ \Phi_{92}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
95378	1427	2760	$\frac{47}{1380}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{1333}{2760}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{184}\ \Phi_{120}\ \Phi_{69}\ \Phi_{40}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
95379	1427	1932	$\frac{1}{23}$	$\frac{22}{483}$	$\frac{505}{1932}$	$\frac{461}{966}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{483}\ \Phi_{276}\ \Phi_{161}\ \Phi_{92}\ \Phi_{84}\ \Phi_{69}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_3\ \Phi_1$
95380	1427	2604	$\frac{1}{62}$	$\frac{125}{1302}$	$\frac{61}{186}$	$\frac{1177}{2604}$	$\Phi_{2604}\ \Phi_{868}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{84}\ \Phi_{28}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
95381	1427	1656	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{229}{1656}$	$\frac{185}{414}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{276}\ \Phi_{207}\ \Phi_{184}\ \Phi_{92}\ \Phi_{72}\ \Phi_{69}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
95382	1427	2576	$\frac{1}{46}$	$\frac{139}{1288}$	$\frac{45}{184}$	$\frac{1149}{2576}$	$\Phi_{2576}\ \Phi_{368}\ \Phi_{184}\ \Phi_{112}\ \Phi_{92}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
95383	1427	2576	$\frac{1}{23}$	$\frac{139}{1288}$	$\frac{22}{161}$	$\frac{1149}{2576}$	$\Phi_{2576}\ \Phi_{368}\ \Phi_{161}\ \Phi_{112}\ \Phi_{16}\ \Phi_7\ \Phi_1$
95384	1427	1984	$\frac{1}{62}$	$\frac{61}{496}$	$\frac{557}{1984}$	$\frac{435}{992}$	$\Phi_{1984}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
95385	1427	1610	$\frac{1}{23}$	$\frac{183}{1610}$	$\frac{22}{161}$	$\frac{139}{322}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{230}\ \Phi_{161}\ \Phi_{115}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
95386	1427	2484	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{185}{1242}$	$\frac{1057}{2484}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{276}\ \Phi_{207}\ \Phi_{108}\ \Phi_{92}\ \Phi_{69}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
95387	1427	2480	$\frac{1}{62}$	$\frac{187}{1240}$	$\frac{61}{248}$	$\frac{1053}{2480}$	$\Phi_{2480}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{80}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
95388	1427	2232	$\frac{1}{62}$	$\frac{61}{372}$	$\frac{311}{1116}$	$\frac{805}{2232}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{372}\ \Phi_{248}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
95389	1427	2208	$\frac{1}{46}$	$\frac{45}{368}$	$\frac{323}{1104}$	$\frac{781}{2208}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{368}\ \Phi_{184}\ \Phi_{96}\ \Phi_{92}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
95390	1427	1518	$\frac{1}{23}$	$\frac{91}{1518}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{253}\ \Phi_{69}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}$
95391	1427	2070	$\frac{1}{23}$	$\frac{47}{690}$	$\frac{643}{2070}$	$\frac{22}{69}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{414}\ \Phi_{207}\ \Phi_{90}\ \Phi_{69}\ \Phi_{45}\ \Phi_{18}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
95392	1427	1725	$\frac{1}{23}$	$\frac{47}{345}$	$\frac{298}{1725}$	$\frac{22}{69}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{75}\ \Phi_{69}\ \Phi_{25}\ \Phi_{3}\ \Phi_{1}$
95393	1427	1656	$\frac{1}{23}$	$\frac{229}{1656}$	$\frac{47}{276}$	$\frac{22}{69}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{207}\ \Phi_{184}\ \Phi_{72}\ \Phi_{69}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
95394	1427	1863	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{436}{1863}$	$\frac{185}{621}$	$\Phi_{1863}\ \Phi_{207}\ \Phi_{81}\ \Phi_{69}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
95395	1427	1932	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{139}{644}$	$\frac{505}{1932}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{483}\ \Phi_{276}\ \Phi_{161}\ \Phi_{138}\ \Phi_{84}\ \Phi_{69}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
95396	1428	2136	$\frac{1}{356}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{355}{712}$	$\Phi_{2136}\ \Phi_{712}^2\ \Phi_{24}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
95397	1428	1185	$\frac{1}{237}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{118}{237}$	$\Phi_{1185}\ \Phi_{395}\ \Phi_{237}^2\ \Phi_{79}^2\ \Phi_{15}\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
95398	1428	948	$\frac{1}{237}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{118}{237}$	$\Phi_{948}^2\ \Phi_{474}^2\ \Phi_{316}^2\ \Phi_{158}^2\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
95399	1428	1427	$\frac{7}{1427}$	$\frac{239}{1427}$	$\frac{594}{1427}$	$\frac{710}{1427}$	$\Phi_{1427}\ \Phi_{1}^2$
95400	1428	2436	$\frac{1}{203}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{101}{203}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{348}\ \Phi_{203}\ \Phi_{116}\ \Phi_{84}\ \Phi_{29}\ \Phi_{28}\ \Phi_{12}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
95401	1428	1827	$\frac{1}{203}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{101}{203}$	$\Phi_{1827}\ \Phi_{261}\ \Phi_{203}\ \Phi_{63}\ \Phi_{29}\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
95402	1428	2130	$\frac{2}{355}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{353}{710}$	$\Phi_{2130}^2\ \Phi_{426}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{6}^2$
95403	1428	636	$\frac{1}{159}$	$\frac{1}{4}$	$\frac{40}{159}$	$\frac{79}{159}$	$\Phi_{636}^3\ \Phi_{318}^3\ \Phi_{212}^3\ \Phi_{106}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
95404	1428	1427	$\frac{9}{1427}$	$\frac{356}{1427}$	$\frac{359}{1427}$	$\frac{709}{1427}$	$\Phi_{1427}\ \Phi_{1}^2$
95405	1428	429	$\frac{1}{143}$	$\frac{24}{143}$	$\frac{1}{3}$	$\frac{71}{143}$	$\Phi_{429}^5\ \Phi_{39}^5\ \Phi_{33}^5\ \Phi_{3}^4$
95406	1428	2596	$\frac{1}{118}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{117}{236}$	$\Phi_{2596}\ \Phi_{236}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_{4}^2\ \Phi_{1}^2$
95407	1428	4956	$\frac{1}{118}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{117}{236}$	$\Phi_{4956}\ \Phi_{84}\ \Phi_{21}$
95408	1428	2596	$\frac{1}{118}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{117}{236}$	$\Phi_{2596}\ \Phi_{236}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_{4}^2\ \Phi_{1}^2$
95409	1428	1180	$\frac{1}{118}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{117}{236}$	$\Phi_{1180}\ \Phi_{590}^2\ \Phi_{295}^2\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_{5}^2$
95410	1428	1313	$\frac{1}{101}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{50}{101}$	$\Phi_{1313}\ \Phi_{101}^2\ \Phi_{13}^2\ \Phi_{1}^4$
95411	1428	2424	$\frac{1}{101}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{50}{101}$	$\Phi_{2424}\ \Phi_{1212}\ \Phi_{606}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
95412	1428	1427	$\frac{15}{1427}$	$\frac{103}{1427}$	$\frac{662}{1427}$	$\frac{706}{1427}$	$\Phi_{1427}\ \Phi_{1}^2$
95413	1428	2656	$\frac{1}{83}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{41}{83}$	$\Phi_{2656}\ \Phi_{83}\ \Phi_{32}^2\ \Phi_{1}^2$
95414	1428	1992	$\frac{1}{83}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{41}{83}$	$\Phi_{1992}\ \Phi_{996}\ \Phi_{498}\ \Phi_{249}\ \Phi_{83}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
95415	1428	1660	$\frac{1}{83}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{41}{83}$	$\Phi_{1660}\ \Phi_{830}\ \Phi_{415}\ \Phi_{83}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{1}^2$
95416	1428	2112	$\frac{5}{352}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{347}{704}$	$\Phi_{2112}^2\ \Phi_{192}^2\ \Phi_{33}$
95417	1428	1640	$\frac{3}{205}$	$\frac{1}{8}$	$\frac{52}{205}$	$\frac{101}{205}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{410}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
95418	1428	2680	$\frac{1}{67}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{33}{67}$	$\Phi_{2680}\ \Phi_{536}\ \Phi_{67}\ \Phi_{40}^2\ \Phi_{8}^2\ \Phi_{1}^2$
95419	1428	670	$\frac{1}{67}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{33}{67}$	$\Phi_{670}^2\ \Phi_{335}^2\ \Phi_{134}^2\ \Phi_{67}^3\ \Phi_{10}^4\ \Phi_{5}^4\ \Phi_{2}^4\ \Phi_{1}^6$
95420	1428	536	$\frac{1}{67}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{33}{67}$	$\Phi_{536}^3\ \Phi_{268}^2\ \Phi_{134}^2\ \Phi_{67}^3\ \Phi_{8}^6\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
95421	1428	1675	$\frac{1}{67}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{33}{67}$	$\Phi_{1675}\ \Phi_{67}\ \Phi_{25}^2\ \Phi_{1}^2$
95422	1428	390	$\frac{1}{65}$	$\frac{11}{130}$	$\frac{1}{3}$	$\frac{32}{65}$	$\Phi_{390}^6\ \Phi_{195}^5\ \Phi_{78}^6\ \Phi_{39}^5\ \Phi_{30}^6\ \Phi_{15}^5\ \Phi_{6}^6\ \Phi_{3}^4$
95423	1428	234	$\frac{2}{117}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{115}{234}$	$\Phi_{234}^{12}\ \Phi_{78}^{12}\ \Phi_{39}\ \Phi_{26}^{12}\ \Phi_{18}^{12}\ \Phi_{6}^{12}\ \Phi_{2}^{12}$
95424	1428	468	$\frac{2}{117}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{115}{234}$	$\Phi_{468}^4\ \Phi_{156}^4\ \Phi_{117}^4\ \Phi_{52}^4\ \Phi_{39}^4\ \Phi_{36}^5\ \Phi_{18}\ \Phi_{13}^4\ \Phi_{12}^5\ \Phi_{9}^4\ \Phi_{6}\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{1}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
95425	1428	1427	$\frac{25}{1427}$	$\frac{152}{1427}$	$\frac{363}{1427}$	$\frac{701}{1427}$	$\Phi_{1427}\ \Phi_1^2$
95426	1428	165	$\frac{1}{55}$	$\frac{4}{55}$	$\frac{1}{3}$	$\frac{27}{55}$	$\Phi_{165}^{13}\ \Phi_{33}^{13}\ \Phi_{15}^{13}\ \Phi_3^{12}$
95427	1428	1060	$\frac{1}{53}$	$\frac{27}{265}$	$\frac{1}{4}$	$\frac{26}{53}$	$\Phi_{1060}^2\ \Phi_{530}^2\ \Phi_{212}\ \Phi_{106}\ \Phi_{20}^2\ \Phi_{10}^2$
95428	1428	2700	$\frac{1}{50}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{49}{100}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{180}\ \Phi_{108}\ \Phi_{100}^2\ \Phi_{60}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
95429	1428	300	$\frac{1}{50}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{300}^9\ \Phi_{100}^{10}\ \Phi_{60}^9\ \Phi_{20}^{10}\ \Phi_{15}^2\ \Phi_{12}^9\ \Phi_5^2\ \Phi_4^{10}\ \Phi_3\ \Phi_1^2$
95430	1428	900	$\frac{1}{50}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{49}{100}$	$\Phi_{900}^3\ \Phi_{300}^3\ \Phi_{180}^3\ \Phi_{100}^4\ \Phi_{60}^3\ \Phi_{36}^3\ \Phi_{20}^4\ \Phi_{12}^3\ \Phi_9^3\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
95431	1428	200	$\frac{1}{50}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{49}{100}$	$\Phi_{200}^8\ \Phi_{100}^4\ \Phi_{50}^8\ \Phi_{40}^9\ \Phi_{25}^8\ \Phi_{20}^5\ \Phi_{10}^9\ \Phi_8^8\ \Phi_5^8\ \Phi_4^4\ \Phi_2^8\ \Phi_1^8$
95432	1428	1427	$\frac{29}{1427}$	$\frac{104}{1427}$	$\frac{441}{1427}$	$\frac{699}{1427}$	$\Phi_{1427}\ \Phi_1^2$
95433	1428	1353	$\frac{1}{41}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{20}{41}$	$\Phi_{1353}\ \Phi_{451}\ \Phi_{123}\ \Phi_{41}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
95434	1428	738	$\frac{1}{41}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{738}^2\ \Phi_{369}^2\ \Phi_{246}^2\ \Phi_{123}\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{18}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
95435	1428	902	$\frac{1}{41}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{20}{41}$	$\Phi_{902}^2\ \Phi_{451}\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{22}^4\ \Phi_{11}^2\ \Phi_2^4\ \Phi_1^4$
95436	1428	328	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{7}{41}$	$\frac{20}{41}$	$\Phi_{328}^5\ \Phi_{164}^5\ \Phi_{82}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4$
95437	1428	1427	$\frac{35}{1427}$	$\frac{43}{1427}$	$\frac{692}{1427}$	$\frac{696}{1427}$	$\Phi_{1427}\ \Phi_1^2$
95438	1428	2080	$\frac{1}{40}$	$\frac{1}{13}$	$\frac{41}{160}$	$\frac{39}{80}$	$\Phi_{2080}\ \Phi_{520}\ \Phi_{416}\ \Phi_{260}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
95439	1428	3016	$\frac{3}{116}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{113}{232}$	$\Phi_{3016}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
95440	1428	1427	$\frac{37}{1427}$	$\frac{169}{1427}$	$\frac{244}{1427}$	$\frac{695}{1427}$	$\Phi_{1427}\ \Phi_1^2$
95441	1428	1908	$\frac{13}{477}$	$\frac{35}{477}$	$\frac{1}{4}$	$\frac{232}{477}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{636}\ \Phi_{318}\ \Phi_{212}\ \Phi_{106}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
95442	1428	66	$\frac{1}{33}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{66}^{23}\ \Phi_{33}^{21}\ \Phi_{22}^{22}\ \Phi_{11}^{20}\ \Phi_6^{23}\ \Phi_3^{20}\ \Phi_2^{22}\ \Phi_1^{20}$
95443	1428	1353	$\frac{1}{33}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{16}{33}$	$\Phi_{1353}\ \Phi_{451}\ \Phi_{123}\ \Phi_{41}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
95444	1428	660	$\frac{1}{33}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{132}^2\ \Phi_{110}^3\ \Phi_{66}^2\ \Phi_{60}^4\ \Phi_{44}^2\ \Phi_{30}^4\ \Phi_{22}^2\ \Phi_{20}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
95445	1428	1353	$\frac{1}{33}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{16}{33}$	$\Phi_{1353}\ \Phi_{451}\ \Phi_{123}\ \Phi_{41}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
95446	1428	1848	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{16}{33}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{168}\ \Phi_{154}\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
95447	1428	2990	$\frac{4}{115}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{111}{230}$	$\Phi_{2990}\ \Phi_{598}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
95448	1428	1530	$\frac{3}{85}$	$\frac{1}{18}$	$\frac{22}{85}$	$\frac{41}{85}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}\ \Phi_{255}\ \Phi_{170}\ \Phi_{153}\ \Phi_{102}\ \Phi_{90}\ \Phi_{51}\ \Phi_{45}\ \Phi_{34}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
95449	1428	675	$\frac{1}{27}$	$\frac{1}{25}$	$\frac{8}{25}$	$\frac{13}{27}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}^2\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{27}^3\ \Phi_{25}^4\ \Phi_{15}^2\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^6$
95450	1428	108	$\frac{1}{27}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{108}^{17}\ \Phi_{54}^8\ \Phi_{36}^{19}\ \Phi_{27}^9\ \Phi_{18}^9\ \Phi_{12}^{19}\ \Phi_9^{10}\ \Phi_6^9\ \Phi_4^{18}\ \Phi_3^{10}\ \Phi_2^8\ \Phi_1^{10}$
95451	1428	1485	$\frac{1}{27}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{13}{27}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
95452	1428	540	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{13}{27}$	$\Phi_{540}^3\ \Phi_{270}^2\ \Phi_{180}^3\ \Phi_{135}^2\ \Phi_{108}^3\ \Phi_{90}^2\ \Phi_{60}^3\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{27}^3\ \Phi_{20}^6\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_9^3\ \Phi_6^2\ \Phi_5^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
95453	1428	1427	$\frac{53}{1427}$	$\frac{57}{1427}$	$\frac{458}{1427}$	$\frac{685}{1427}$	$\Phi_{1427}\ \Phi_1^2$
95454	1428	1872	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{25}{144}$	$\frac{23}{48}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
95455	1428	506	$\frac{1}{23}$	$\frac{1}{22}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{506}^3\ \Phi_{253}^3\ \Phi_{46}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_2^2$
95456	1428	2964	$\frac{5}{114}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{109}{228}$	$\Phi_{2964}\ \Phi_{988}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
95457	1428	1427	$\frac{62}{1427}$	$\frac{65}{1427}$	$\frac{373}{1427}$	$\frac{681}{1427}$	$\Phi_{1427}\ \Phi_1^2$
95458	1428	195	$\frac{2}{65}$	$\frac{3}{65}$	$\frac{1}{3}$	$\frac{31}{65}$	$\Phi_{195}^{11}\ \Phi_{39}^{11}\ \Phi_{15}^{11}\ \Phi_3^{10}$
95459	1428	1427	$\frac{44}{1427}$	$\frac{69}{1427}$	$\frac{461}{1427}$	$\frac{679}{1427}$	$\Phi_{1427}\ \Phi_1^2$
95460	1428	1545	$\frac{5}{103}$	$\frac{1}{15}$	$\frac{18}{103}$	$\frac{49}{103}$	$\Phi_{1545}\ \Phi_{515}\ \Phi_{309}$
95461	1428	1427	$\frac{71}{1427}$	$\frac{107}{1427}$	$\frac{220}{1427}$	$\frac{678}{1427}$	$\Phi_{1427}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
95462	1428	840	$\frac{1}{35}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{840}^{5}\ \Phi_{168}^{5}\ \Phi_{120}^{4}\ \Phi_{105}\ \Phi_{24}^{4}\ \Phi_{21}\ \Phi_{15}$
95463	1428	2680	$\frac{3}{67}$	$\frac{1}{20}$	$\frac{16}{67}$	$\frac{19}{40}$	$\Phi_{2680}\ \Phi_{536}\ \Phi_{67}\ \Phi_{40}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
95464	1428	360	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{360}^{8}\ \Phi_{120}^{8}\ \Phi_{90}\ \Phi_{72}^{8}\ \Phi_{45}\ \Phi_{40}^{4}\ \Phi_{30}\ \Phi_{24}^{8}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}^{4}$
95465	1428	1427	$\frac{73}{1427}$	$\frac{125}{1427}$	$\frac{186}{1427}$	$\frac{677}{1427}$	$\Phi_{1427}\ \Phi_{1}^{2}$
95466	1428	1640	$\frac{11}{205}$	$\frac{18}{205}$	$\frac{1}{8}$	$\frac{97}{205}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{410}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
95467	1428	1673	$\frac{13}{239}$	$\frac{18}{239}$	$\frac{1}{7}$	$\frac{113}{239}$	Φ_{1673}
95468	1428	1427	$\frac{79}{1427}$	$\frac{84}{1427}$	$\frac{251}{1427}$	$\frac{674}{1427}$	$\Phi_{1427}\ \Phi_{1}^{2}$
95469	1428	212	$\frac{2}{53}$	$\frac{3}{53}$	$\frac{1}{4}$	$\frac{25}{53}$	$\Phi_{212}^{9}\ \Phi_{106}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}$
95470	1428	1427	$\frac{50}{1427}$	$\frac{81}{1427}$	$\frac{377}{1427}$	$\frac{673}{1427}$	$\Phi_{1427}\ \Phi_{1}^{2}$
95471	1428	2145	$\frac{18}{715}$	$\frac{41}{715}$	$\frac{1}{3}$	$\frac{337}{715}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{195}\ \Phi_{165}\ \Phi_{39}\ \Phi_{33}\ \Phi_{15}$
95472	1428	306	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{306}^{5}\ \Phi_{153}^{5}\ \Phi_{102}^{5}\ \Phi_{51}^{5}\ \Phi_{34}^{5}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
95473	1428	4128	$\frac{1}{43}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{4128}\ \Phi_{129}$
95474	1428	2656	$\frac{2}{83}$	$\frac{1}{16}$	$\frac{27}{83}$	$\frac{15}{32}$	$\Phi_{2656}\ \Phi_{83}\ \Phi_{32}^{2}\ \Phi_{1}^{2}$
95475	1428	928	$\frac{1}{29}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{928}^{3}\ \Phi_{116}\ \Phi_{58}$
95476	1428	2656	$\frac{3}{83}$	$\frac{1}{16}$	$\frac{20}{83}$	$\frac{15}{32}$	$\Phi_{2656}\ \Phi_{83}\ \Phi_{32}^{2}\ \Phi_{1}^{2}$
95477	1428	1760	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{1760}^{2}\ \Phi_{160}\ \Phi_{110}\ \Phi_{55}\ \Phi_{10}$
95478	1428	2656	$\frac{5}{83}$	$\frac{1}{16}$	$\frac{13}{83}$	$\frac{15}{32}$	$\Phi_{2656}\ \Phi_{83}\ \Phi_{32}^{2}\ \Phi_{1}^{2}$
95479	1428	3360	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
95480	1428	2656	$\frac{1}{16}$	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{15}{32}$	$\Phi_{2656}\ \Phi_{83}\ \Phi_{32}^{2}\ \Phi_{1}^{2}$
95481	1428	416	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{15}{32}$	$\Phi_{416}^{7}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
95482	1428	1427	$\frac{69}{1427}$	$\frac{97}{1427}$	$\frac{254}{1427}$	$\frac{665}{1427}$	$\Phi_{1427}\ \Phi_{1}^{2}$
95483	1428	636	$\frac{5}{159}$	$\frac{11}{159}$	$\frac{1}{4}$	$\frac{74}{159}$	$\Phi_{636}^{3}\ \Phi_{318}^{3}\ \Phi_{212}^{3}\ \Phi_{106}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
95484	1428	156	$\frac{1}{52}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{156}^{14}\ \Phi_{78}^{14}\ \Phi_{39}^{13}\ \Phi_{12}^{14}\ \Phi_{6}^{14}\ \Phi_{3}^{12}$
95485	1428	1313	$\frac{2}{101}$	$\frac{1}{13}$	$\frac{33}{101}$	$\frac{6}{13}$	$\Phi_{1313}\ \Phi_{101}^{2}\ \Phi_{13}^{2}\ \Phi_{1}^{4}$
95486	1428	1820	$\frac{1}{35}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{364}\ \Phi_{260}\ \Phi_{182}\ \Phi_{140}^{2}\ \Phi_{130}\ \Phi_{70}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}$
95487	1428	1313	$\frac{5}{101}$	$\frac{1}{13}$	$\frac{16}{101}$	$\frac{6}{13}$	$\Phi_{1313}\ \Phi_{101}^{2}\ \Phi_{13}^{2}\ \Phi_{1}^{4}$
95488	1428	1638	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{182}\ \Phi_{126}^{2}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}$
95489	1428	660	$\frac{1}{55}$	$\frac{9}{110}$	$\frac{1}{3}$	$\frac{101}{220}$	$\Phi_{660}^{6}\ \Phi_{165}\ \Phi_{132}^{6}\ \Phi_{60}^{6}\ \Phi_{33}\ \Phi_{15}\ \Phi_{12}^{6}$
95490	1428	2860	$\frac{1}{13}$	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{220}$	$\Phi_{2860}\ \Phi_{572}\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
95491	1428	363	$\frac{2}{121}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{363}^{6}\ \Phi_{33}^{5}\ \Phi_{3}^{4}$
95492	1428	1947	$\frac{1}{59}$	$\frac{1}{11}$	$\frac{58}{177}$	$\frac{5}{11}$	$\Phi_{1947}\ \Phi_{177}^{2}\ \Phi_{33}\ \Phi_{11}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
95493	1428	649	$\frac{3}{59}$	$\frac{1}{11}$	$\frac{8}{59}$	$\frac{5}{11}$	$\Phi_{649}^{2}\ \Phi_{59}^{4}\ \Phi_{11}^{3}\ \Phi_{1}^{6}$
95494	1428	792	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{198}\ \Phi_{132}^{2}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}^{4}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}^{4}\ \Phi_{33}\ \Phi_{24}^{4}\ \Phi_{18}^{2}\ \Phi_{12}^{4}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
95495	1428	1427	$\frac{23}{1427}$	$\frac{137}{1427}$	$\frac{468}{1427}$	$\frac{645}{1427}$	$\Phi_{1427}\ \Phi_{1}^{2}$
95496	1428	1950	$\frac{1}{65}$	$\frac{32}{325}$	$\frac{1}{3}$	$\frac{293}{650}$	$\Phi_{1950}^{2}\ \Phi_{390}^{2}\ \Phi_{195}\ \Phi_{150}^{2}\ \Phi_{78}^{2}\ \Phi_{39}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{6}^{2}$
95497	1428	2808	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{216}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
95498	1428	1508	$\frac{1}{52}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{1508}\ \Phi_{754}\ \Phi_{377}\ \Phi_{116}\ \Phi_{58}$
95499	1428	972	$\frac{5}{243}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{972}^{2}\ \Phi_{486}^{2}\ \Phi_{324}^{2}\ \Phi_{162}^{2}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
95500	1428	1505	$\frac{1}{35}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{1505}\ \Phi_{301}\ \Phi_{215}$
95501	1428	1427	$\frac{47}{1427}$	$\frac{171}{1427}$	$\frac{230}{1427}$	$\frac{628}{1427}$	$\Phi_{1427}\ \Phi_{1}^{2}$
95502	1428	212	$\frac{1}{53}$	$\frac{13}{106}$	$\frac{1}{4}$	$\frac{93}{212}$	$\Phi_{212}^{5}\ \Phi_{106}^{9}\ \Phi_{53}^{8}\ \Phi_{4}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
95503	1428	1664	$\frac{9}{128}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
95504	1428	1530	$\frac{1}{18}$	$\frac{8}{85}$	$\frac{11}{85}$	$\frac{37}{85}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}\ \Phi_{255}\ \Phi_{170}\ \Phi_{153}\ \Phi_{102}\ \Phi_{90}\ \Phi_{51}\ \Phi_{45}\ \Phi_{34}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
95505	1428	510	$\frac{1}{85}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{510}^{5}\ \Phi_{255}\ \Phi_{170}^{5}\ \Phi_{102}^{5}\ \Phi_{51}\ \Phi_{34}^{5}\ \Phi_{30}^{4}\ \Phi_{15}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{2}^{4}$
95506	1428	1290	$\frac{1}{43}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{1290}^{2}\ \Phi_{430}^{2}\ \Phi_{258}^{2}\ \Phi_{215}\ \Phi_{86}^{2}$
95507	1428	390	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{13}{30}$	$\Phi_{390}^{7}\ \Phi_{195}\ \Phi_{130}^{7}\ \Phi_{78}^{7}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}^{7}$
95508	1428	1427	$\frac{76}{1427}$	$\frac{135}{1427}$	$\frac{193}{1427}$	$\frac{617}{1427}$	$\Phi_{1427}\ \Phi_{1}^{2}$
95509	1428	1673	$\frac{8}{239}$	$\frac{33}{239}$	$\frac{1}{7}$	$\frac{103}{239}$	Φ_{1673}
95510	1428	1427	$\frac{34}{1427}$	$\frac{199}{1427}$	$\frac{271}{1427}$	$\frac{614}{1427}$	$\Phi_{1427}\ \Phi_{1}^{2}$
95511	1428	1908	$\frac{8}{477}$	$\frac{67}{477}$	$\frac{1}{4}$	$\frac{205}{477}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{636}\ \Phi_{318}\ \Phi_{212}\ \Phi_{106}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
95512	1428	1427	$\frac{20}{1427}$	$\frac{201}{1427}$	$\frac{407}{1427}$	$\frac{613}{1427}$	$\Phi_{1427}\ \Phi_{1}^{2}$
95513	1428	2145	$\frac{8}{715}$	$\frac{101}{715}$	$\frac{1}{3}$	$\frac{307}{715}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{195}\ \Phi_{165}\ \Phi_{39}\ \Phi_{33}\ \Phi_{15}$
95514	1428	903	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{903}^{2}\ \Phi_{301}\ \Phi_{129}^{2}$
95515	1428	1427	$\frac{48}{1427}$	$\frac{197}{1427}$	$\frac{205}{1427}$	$\frac{611}{1427}$	$\Phi_{1427}\ \Phi_{1}^{2}$
95516	1428	1530	$\frac{1}{18}$	$\frac{7}{85}$	$\frac{13}{85}$	$\frac{36}{85}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}\ \Phi_{255}\ \Phi_{170}\ \Phi_{153}\ \Phi_{102}\ \Phi_{90}\ \Phi_{51}\ \Phi_{45}\ \Phi_{34}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
95517	1428	1427	$\frac{77}{1427}$	$\frac{118}{1427}$	$\frac{225}{1427}$	$\frac{601}{1427}$	$\Phi_{1427}\ \Phi_{1}^{2}$
95518	1428	1640	$\frac{7}{205}$	$\frac{1}{8}$	$\frac{33}{205}$	$\frac{86}{205}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{410}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
95519	1428	1236	$\frac{1}{103}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{1236}^{2}\ \Phi_{412}^{2}\ \Phi_{309}$
95520	1428	2436	$\frac{2}{203}$	$\frac{1}{6}$	$\frac{67}{203}$	$\frac{5}{12}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{348}\ \Phi_{203}\ \Phi_{116}\ \Phi_{84}\ \Phi_{29}\ \Phi_{28}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
95521	1428	2040	$\frac{1}{85}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{170}\ \Phi_{136}\ \Phi_{120}\ \Phi_{102}\ \Phi_{51}\ \Phi_{40}\ \Phi_{34}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
95522	1428	276	$\frac{1}{69}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{276}^{4}\ \Phi_{138}^{7}\ \Phi_{92}^{4}\ \Phi_{69}^{6}\ \Phi_{46}^{7}\ \Phi_{23}^{6}\ \Phi_{12}^{3}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
95523	1428	2436	$\frac{3}{203}$	$\frac{1}{6}$	$\frac{50}{203}$	$\frac{5}{12}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{348}\ \Phi_{203}\ \Phi_{116}\ \Phi_{84}\ \Phi_{29}\ \Phi_{28}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
95524	1428	780	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{3}\ \Phi_{195}^{2}\ \Phi_{130}^{3}\ \Phi_{65}^{3}\ \Phi_{60}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
95525	1428	2436	$\frac{5}{203}$	$\frac{33}{203}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{348}\ \Phi_{203}\ \Phi_{116}\ \Phi_{84}\ \Phi_{29}\ \Phi_{28}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
95526	1428	420	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}^{6}\ \Phi_{140}^{6}\ \Phi_{84}^{5}\ \Phi_{60}^{6}\ \Phi_{35}^{6}\ \Phi_{28}^{5}\ \Phi_{20}^{6}\ \Phi_{12}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{1}^{6}$
95527	1428	348	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{348}^{7}\ \Phi_{116}^{7}\ \Phi_{58}^{4}\ \Phi_{29}^{3}\ \Phi_{12}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
95528	1428	2436	$\frac{11}{203}$	$\frac{16}{203}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{348}\ \Phi_{203}\ \Phi_{116}\ \Phi_{84}\ \Phi_{29}\ \Phi_{28}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
95529	1428	468	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{468}^{6}\ \Phi_{234}\ \Phi_{156}^{5}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}^{5}\ \Phi_{39}\ \Phi_{26}$
95530	1428	2600	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{19}{100}$	$\frac{81}{200}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
95531	1428	120	$\frac{1}{120}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^{12}\ \Phi_{30}^{12}\ \Phi_{24}^{12}\ \Phi_{20}^{12}\ \Phi_{15}^{11}\ \Phi_{12}^{12}\ \Phi_{10}^{12}\ \Phi_{8}^{12}\ \Phi_{6}^{12}\ \Phi_{5}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
95532	1428	1030	$\frac{1}{103}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{1030}^{2}\ \Phi_{515}\ \Phi_{206}^{2}$
95533	1428	790	$\frac{1}{79}$	$\frac{1}{5}$	$\frac{39}{158}$	$\frac{2}{5}$	$\Phi_{790}^{2}\ \Phi_{395}\ \Phi_{158}^{4}\ \Phi_{79}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
95534	1428	860	$\frac{1}{43}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{860}^{2}\ \Phi_{430}^{2}\ \Phi_{215}\ \Phi_{172}^{2}\ \Phi_{86}^{2}$
95535	1428	395	$\frac{2}{79}$	$\frac{11}{79}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{395}^{3}\ \Phi_{79}^{6}\ \Phi_{5}^{4}\ \Phi_{1}^{8}$
95536	1428	280	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{280}^{6}\ \Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{56}^{6}\ \Phi_{40}^{5}\ \Phi_{28}^{6}\ \Phi_{20}^{5}\ \Phi_{14}^{6}\ \Phi_{10}^{5}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
95537	1428	1185	$\frac{13}{237}$	$\frac{16}{237}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1185}\ \Phi_{395}\ \Phi_{237}^2\ \Phi_{79}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
95538	1428	90	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{90}^{17}\ \Phi_{45}^{17}\ \Phi_{30}^{17}\ \Phi_{18}^{16}\ \Phi_{15}^{11}\ \Phi_{10}^{17}\ \Phi_9^{16}\ \Phi_6^{16}\ \Phi_5^{12}\ \Phi_3^{10}\ \Phi_2^{16}\ \Phi_1^{12}$
95539	1428	1204	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{1204}^2\ \Phi_{301}\ \Phi_{172}^2$
95540	1428	1560	$\frac{1}{120}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
95541	1428	306	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{306}^5\ \Phi_{153}^5\ \Phi_{102}^5\ \Phi_{51}^5\ \Phi_{34}\ \Phi_{18}^4\ \Phi_{17}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_3^4\ \Phi_1^4$
95542	1428	2496	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{23}{96}$	$\frac{73}{192}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
95543	1428	328	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{10}{41}$	$\frac{31}{82}$	$\Phi_{328}^5\ \Phi_{164}^5\ \Phi_{82}\ \Phi_{41}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_1^4$
95544	1428	1716	$\frac{1}{143}$	$\frac{71}{286}$	$\frac{1}{3}$	$\frac{215}{572}$	$\Phi_{1716}^2\ \Phi_{429}\ \Phi_{156}^2\ \Phi_{132}^2\ \Phi_{39}\ \Phi_{33}\ \Phi_{12}^2$
95545	1428	1624	$\frac{1}{29}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1624}\ \Phi_{812}\ \Phi_{406}\ \Phi_{203}\ \Phi_{116}\ \Phi_{58}$
95546	1428	1427	$\frac{27}{1427}$	$\frac{200}{1427}$	$\frac{409}{1427}$	$\frac{509}{1427}$	$\Phi_{1427}\ \Phi_1^2$
95547	1428	1505	$\frac{1}{35}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{1505}\ \Phi_{301}\ \Phi_{215}$
95548	1428	754	$\frac{1}{29}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{754}^3\ \Phi_{377}\ \Phi_{58}^3$
95549	1428	1427	$\frac{55}{1427}$	$\frac{98}{1427}$	$\frac{443}{1427}$	$\frac{492}{1427}$	$\Phi_{1427}\ \Phi_1^2$
95550	1428	1427	$\frac{67}{1427}$	$\frac{80}{1427}$	$\frac{449}{1427}$	$\frac{489}{1427}$	$\Phi_{1427}\ \Phi_1^2$
95551	1428	1530	$\frac{4}{85}$	$\frac{1}{18}$	$\frac{27}{85}$	$\frac{29}{85}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}\ \Phi_{255}\ \Phi_{170}\ \Phi_{153}\ \Phi_{102}\ \Phi_{90}\ \Phi_{51}\ \Phi_{45}\ \Phi_{34}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
95552	1428	1545	$\frac{4}{103}$	$\frac{1}{15}$	$\frac{33}{103}$	$\frac{35}{103}$	$\Phi_{1545}\ \Phi_{515}\ \Phi_{309}$
95553	1428	2340	$\frac{1}{30}$	$\frac{1}{13}$	$\frac{29}{90}$	$\frac{61}{180}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
95554	1428	1427	$\frac{38}{1427}$	$\frac{135}{1427}$	$\frac{463}{1427}$	$\frac{482}{1427}$	$\Phi_{1427}\ \Phi_1^2$
95555	1428	1640	$\frac{4}{205}$	$\frac{1}{8}$	$\frac{67}{205}$	$\frac{69}{205}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{410}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
95556	1428	1427	$\frac{8}{1427}$	$\frac{473}{1427}$	$\frac{475}{1427}$	$\frac{477}{1427}$	$\Phi_{1427}\ \Phi_1^2$
95557	1428	2145	$\frac{4}{715}$	$\frac{237}{715}$	$\frac{1}{3}$	$\frac{239}{715}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{195}\ \Phi_{165}\ \Phi_{39}\ \Phi_{33}\ \Phi_{15}$
95558	1428	534	$\frac{1}{178}$	$\frac{59}{178}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{534}^2\ \Phi_{267}^2\ \Phi_{178}^4\ \Phi_{89}^4\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
95559	1428	120	$\frac{1}{120}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^{12}\ \Phi_{30}^{12}\ \Phi_{24}^{12}\ \Phi_{20}^{12}\ \Phi_{15}^{12}\ \Phi_{12}^{11}\ \Phi_{10}^{12}\ \Phi_8^{12}\ \Phi_6^{11}\ \Phi_5^{12}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
95560	1428	927	$\frac{1}{103}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{927}^2\ \Phi_{309}$
95561	1428	1335	$\frac{1}{89}$	$\frac{88}{445}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1335}\ \Phi_{445}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
95562	1428	534	$\frac{3}{178}$	$\frac{25}{178}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{534}^2\ \Phi_{267}^2\ \Phi_{178}^4\ \Phi_{89}^4\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
95563	1428	312	$\frac{1}{52}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{312}^4\ \Phi_{156}^3\ \Phi_{104}^8\ \Phi_{78}^3\ \Phi_{52}^6\ \Phi_{39}^3\ \Phi_{26}^6\ \Phi_{24}^3\ \Phi_{13}^6\ \Phi_{12}^2\ \Phi_8^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^6$
95564	1428	267	$\frac{4}{89}$	$\frac{5}{89}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{267}^4\ \Phi_{89}^8\ \Phi_3^5\ \Phi_1^{10}$
95565	1428	198	$\frac{1}{22}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{198}^8\ \Phi_{99}^8\ \Phi_{66}^7\ \Phi_{33}^7\ \Phi_{22}^6\ \Phi_{18}^4\ \Phi_{11}^6\ \Phi_9^4\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
95566	1428	2844	$\frac{2}{237}$	$\frac{1}{4}$	$\frac{235}{711}$	$\frac{1}{3}$	$\Phi_{2844}\ \Phi_{1422}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
95567	1428	1827	$\frac{2}{203}$	$\frac{2}{9}$	$\frac{67}{203}$	$\frac{1}{3}$	$\Phi_{1827}\ \Phi_{261}\ \Phi_{203}\ \Phi_{63}\ \Phi_{29}\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
95568	1428	1065	$\frac{4}{355}$	$\frac{1}{5}$	$\frac{117}{355}$	$\frac{1}{3}$	$\Phi_{1065}^2\ \Phi_{213}^2\ \Phi_{15}^3\ \Phi_3^2$
95569	1428	1239	$\frac{1}{59}$	$\frac{1}{7}$	$\frac{58}{177}$	$\frac{1}{3}$	$\Phi_{1239}\ \Phi_{413}^2\ \Phi_{21}^2\ \Phi_7^2$
95570	1428	825	$\frac{1}{55}$	$\frac{37}{275}$	$\frac{18}{55}$	$\frac{1}{3}$	$\Phi_{825}^3\ \Phi_{165}\ \Phi_{75}^3\ \Phi_{33}\ \Phi_{15}$
95571	1428	2424	$\frac{2}{101}$	$\frac{1}{8}$	$\frac{33}{101}$	$\frac{1}{3}$	$\Phi_{2424}\ \Phi_{1212}\ \Phi_{606}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
95572	1428	2145	$\frac{19}{715}$	$\frac{69}{715}$	$\frac{232}{715}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{195}\ \Phi_{165}\ \Phi_{39}\ \Phi_{33}\ \Phi_{15}$
95573	1428	528	$\frac{5}{176}$	$\frac{1}{11}$	$\frac{57}{176}$	$\frac{1}{3}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{48}^4\ \Phi_{33}^5\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
95574	1428	390	$\frac{2}{65}$	$\frac{11}{130}$	$\frac{21}{65}$	$\frac{1}{3}$	$\Phi_{390}^{6}\ \Phi_{195}^{5}\ \Phi_{78}^{6}\ \Phi_{39}^{5}\ \Phi_{30}^{6}\ \Phi_{15}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{4}$
95575	1428	351	$\frac{4}{117}$	$\frac{1}{13}$	$\frac{113}{351}$	$\frac{1}{3}$	$\Phi_{351}^{6}\ \Phi_{39}\ \Phi_{27}^{6}$
95576	1428	75	$\frac{1}{25}$	$\frac{1}{15}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{75}^{18}\ \Phi_{25}^{20}\ \Phi_{15}^{20}\ \Phi_{5}^{22}\ \Phi_{3}^{19}\ \Phi_{1}^{22}$
95577	1428	738	$\frac{2}{41}$	$\frac{1}{18}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{738}^{2}\ \Phi_{369}^{2}\ \Phi_{246}^{2}\ \Phi_{123}\ \Phi_{82}^{2}\ \Phi_{41}^{2}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
95578	1428	429	$\frac{7}{143}$	$\frac{8}{143}$	$\frac{45}{143}$	$\frac{1}{3}$	$\Phi_{429}^{5}\ \Phi_{39}^{5}\ \Phi_{33}^{5}\ \Phi_{3}^{4}$
95579	1428	198	$\frac{1}{22}$	$\frac{2}{33}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{198}^{11}\ \Phi_{99}^{10}\ \Phi_{66}\ \Phi_{33}\ \Phi_{18}^{11}\ \Phi_{9}^{10}\ \Phi_{6}$
95580	1428	2145	$\frac{29}{715}$	$\frac{49}{715}$	$\frac{222}{715}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{195}\ \Phi_{165}\ \Phi_{39}\ \Phi_{33}\ \Phi_{15}$
95581	1428	741	$\frac{9}{247}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{741}^{3}\ \Phi_{57}^{3}\ \Phi_{39}$
95582	1428	210	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{210}^{10}\ \Phi_{105}^{11}\ \Phi_{42}^{10}\ \Phi_{30}^{8}\ \Phi_{21}^{11}\ \Phi_{15}^{9}\ \Phi_{6}^{8}\ \Phi_{3}^{8}$
95583	1428	1032	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{1032}\ \Phi_{516}\ \Phi_{344}^{2}\ \Phi_{258}\ \Phi_{172}^{2}\ \Phi_{129}^{2}\ \Phi_{86}^{2}\ \Phi_{43}^{2}$
95584	1428	429	$\frac{3}{143}$	$\frac{20}{143}$	$\frac{41}{143}$	$\frac{1}{3}$	$\Phi_{429}^{5}\ \Phi_{39}^{5}\ \Phi_{33}^{5}\ \Phi_{3}^{4}$
95585	1428	165	$\frac{1}{55}$	$\frac{9}{55}$	$\frac{46}{165}$	$\frac{1}{3}$	$\Phi_{165}^{7}\ \Phi_{55}^{12}\ \Phi_{33}^{7}\ \Phi_{15}^{7}\ \Phi_{11}^{12}\ \Phi_{5}^{12}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
95586	1428	975	$\frac{1}{65}$	$\frac{64}{325}$	$\frac{87}{325}$	$\frac{1}{3}$	$\Phi_{975}^{2}\ \Phi_{195}^{3}\ \Phi_{75}^{2}\ \Phi_{39}^{3}\ \Phi_{15}^{3}\ \Phi_{3}^{2}$
95587	1428	948	$\frac{1}{79}$	$\frac{39}{158}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{948}^{3}\ \Phi_{474}\ \Phi_{237}^{2}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
95588	1428	828	$\frac{1}{69}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{828}^{3}\ \Phi_{414}^{3}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{46}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{6}$
95589	1428	2580	$\frac{1}{43}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{645}\ \Phi_{129}$
95590	1428	948	$\frac{2}{79}$	$\frac{11}{79}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{948}^{3}\ \Phi_{474}^{3}\ \Phi_{12}^{4}\ \Phi_{6}^{4}$
95591	1428	840	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{840}^{3}\ \Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{3}\ \Phi_{120}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{2}\ \Phi_{60}^{2}\ \Phi_{42}^{2}\ \Phi_{30}^{2}\ \Phi_{21}^{3}\ \Phi_{15}^{3}$
95592	1428	948	$\frac{13}{237}$	$\frac{16}{237}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{948}^{2}\ \Phi_{474}^{2}\ \Phi_{316}^{2}\ \Phi_{158}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
95593	1428	180	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^{12}\ \Phi_{90}^{6}\ \Phi_{60}^{10}\ \Phi_{45}^{6}\ \Phi_{36}^{8}\ \Phi_{30}^{4}\ \Phi_{20}^{10}\ \Phi_{18}^{4}\ \Phi_{15}^{6}\ \Phi_{12}^{7}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{3}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
95594	1428	1827	$\frac{3}{203}$	$\frac{2}{9}$	$\frac{50}{203}$	$\frac{1}{3}$	$\Phi_{1827}\ \Phi_{261}\ \Phi_{203}\ \Phi_{63}\ \Phi_{29}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
95595	1428	1320	$\frac{1}{55}$	$\frac{83}{440}$	$\frac{27}{110}$	$\frac{1}{3}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{264}^{2}\ \Phi_{165}\ \Phi_{132}^{2}\ \Phi_{120}^{2}\ \Phi_{60}^{2}\ \Phi_{33}\ \Phi_{24}^{2}\ \Phi_{15}\ \Phi_{12}^{2}$
95596	1428	156	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{37}{156}$	$\frac{1}{3}$	$\Phi_{156}^{12}\ \Phi_{78}^{12}\ \Phi_{52}^{12}\ \Phi_{39}\ \Phi_{26}^{12}\ \Phi_{12}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}$
95597	1428	165	$\frac{3}{55}$	$\frac{4}{55}$	$\frac{13}{55}$	$\frac{1}{3}$	$\Phi_{165}^{13}\ \Phi_{33}^{13}\ \Phi_{15}^{13}\ \Phi_{3}^{12}$
95598	1428	66	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{66}^{32}\ \Phi_{33}^{33}\ \Phi_{6}^{32}\ \Phi_{3}^{32}$
95599	1428	2340	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{260}\ \Phi_{180}\ \Phi_{130}\ \Phi_{90}\ \Phi_{65}\ \Phi_{20}\ \Phi_{10}$
95600	1428	1827	$\frac{5}{203}$	$\frac{33}{203}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1827}\ \Phi_{261}\ \Phi_{203}\ \Phi_{63}\ \Phi_{29}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
95601	1428	315	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{315}^{6}\ \Phi_{63}^{5}\ \Phi_{45}^{6}\ \Phi_{35}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
95602	1428	522	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{522}^{4}\ \Phi_{261}^{3}\ \Phi_{58}^{4}\ \Phi_{29}^{3}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
95603	1428	1827	$\frac{11}{203}$	$\frac{16}{203}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1827}\ \Phi_{261}\ \Phi_{203}\ \Phi_{63}\ \Phi_{29}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
95604	1428	234	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{234}^{7}\ \Phi_{117}^{6}\ \Phi_{78}^{7}\ \Phi_{39}^{7}\ \Phi_{26}^{7}\ \Phi_{13}^{6}$
95605	1428	525	$\frac{1}{35}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{525}^{5}\ \Phi_{105}\ \Phi_{75}^{4}\ \Phi_{21}\ \Phi_{15}$
95606	1428	165	$\frac{1}{15}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{165}^{9}\ \Phi_{55}^{10}\ \Phi_{33}^{9}\ \Phi_{15}^{2}\ \Phi_{11}^{10}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
95607	1428	1320	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{83}{440}$	$\frac{1}{3}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{165}^{2}\ \Phi_{120}^{2}\ \Phi_{60}^{2}\ \Phi_{33}\ \Phi_{30}^{2}\ \Phi_{15}^{2}$
95608	1428	429	$\frac{5}{143}$	$\frac{23}{143}$	$\frac{24}{143}$	$\frac{1}{3}$	$\Phi_{429}^{5}\ \Phi_{39}^{5}\ \Phi_{33}^{5}\ \Phi_{3}^{4}$
95609	1428	2424	$\frac{5}{101}$	$\frac{1}{8}$	$\frac{16}{101}$	$\frac{1}{3}$	$\Phi_{2424}\ \Phi_{1212}\ \Phi_{606}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
95610	1428	2145	$\frac{37}{715}$	$\frac{86}{715}$	$\frac{113}{715}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{195}\ \Phi_{165}\ \Phi_{39}\ \Phi_{33}\ \Phi_{15}$
95611	1428	390	$\frac{1}{13}$	$\frac{11}{130}$	$\frac{2}{13}$	$\frac{1}{3}$	$\Phi_{390}^{6}\ \Phi_{195}^{6}\ \Phi_{78}^{6}\ \Phi_{39}\ \Phi_{30}^{6}\ \Phi_{15}^{6}\ \Phi_{6}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
95612	1428	60	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{3}$	$\Phi_{60}^{27}\ \Phi_{30}^{18}\ \Phi_{20}^{30}\ \Phi_{15}^{20}\ \Phi_{12}^{27}\ \Phi_{10}^{20}\ \Phi_{6}^{18}\ \Phi_{5}^{22}\ \Phi_{4}^{30}\ \Phi_{3}^{19}\ \Phi_{2}^{20}\ \Phi_{1}^{22}$
95613	1428	738	$\frac{1}{18}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{3}$	$\Phi_{738}^{2}\ \Phi_{369}^{2}\ \Phi_{246}^{2}\ \Phi_{123}\ \Phi_{82}^{2}\ \Phi_{41}^{2}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
95614	1428	2145	$\frac{36}{715}$	$\frac{97}{715}$	$\frac{103}{715}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{195}\ \Phi_{165}\ \Phi_{39}\ \Phi_{33}\ \Phi_{15}$
95615	1428	1239	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1239}^{2}\ \Phi_{21}^{3}$
95616	1428	504	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{168}^{3}\ \Phi_{126}^{2}\ \Phi_{84}^{3}\ \Phi_{63}^{2}\ \Phi_{56}^{4}\ \Phi_{42}\ \Phi_{28}^{4}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}$
95617	1428	39	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{5}{39}$	$\frac{1}{3}$	$\Phi_{39}^{37}\ \Phi_{13}^{36}\ \Phi_{3}^{36}\ \Phi_{1}^{36}$
95618	1428	132	$\frac{1}{11}$	$\frac{13}{132}$	$\frac{5}{44}$	$\frac{1}{3}$	$\Phi_{132}^{10}\ \Phi_{66}^{10}\ \Phi_{44}^{12}\ \Phi_{33}^{11}\ \Phi_{22}^{12}\ \Phi_{12}^{10}\ \Phi_{11}^{12}\ \Phi_{6}^{10}\ \Phi_{4}^{12}\ \Phi_{3}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
95619	1428	1947	$\frac{1}{59}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{58}{177}$	$\Phi_{1947}\ \Phi_{177}^{2}\ \Phi_{33}\ \Phi_{11}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
95620	1428	3540	$\frac{1}{59}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{58}{177}$	$\Phi_{3540}\ \Phi_{1770}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
95621	1428	1992	$\frac{2}{83}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{27}{83}$	$\Phi_{1992}\ \Phi_{996}\ \Phi_{498}\ \Phi_{249}\ \Phi_{83}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
95622	1428	1660	$\frac{2}{83}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{27}{83}$	$\Phi_{1660}\ \Phi_{830}\ \Phi_{415}\ \Phi_{83}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
95623	1428	1404	$\frac{4}{117}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{113}{351}$	$\Phi_{1404}^{2}\ \Phi_{702}^{2}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
95624	1428	225	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{8}{25}$	$\Phi_{225}^{6}\ \Phi_{75}^{6}\ \Phi_{45}^{6}\ \Phi_{25}^{8}\ \Phi_{15}^{6}\ \Phi_{9}^{9}\ \Phi_{5}^{8}\ \Phi_{3}^{9}\ \Phi_{1}^{12}$
95625	1428	200	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{8}{25}$	$\Phi_{200}^{8}\ \Phi_{100}^{8}\ \Phi_{50}^{8}\ \Phi_{40}^{9}\ \Phi_{20}^{9}\ \Phi_{10}^{9}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}$
95626	1428	1427	$\frac{65}{1427}$	$\frac{139}{1427}$	$\frac{322}{1427}$	$\frac{454}{1427}$	$\Phi_{1427}\ \Phi_{1}^{2}$
95627	1428	902	$\frac{2}{41}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{13}{41}$	$\Phi_{902}^{2}\ \Phi_{451}\ \Phi_{82}^{2}\ \Phi_{41}^{2}\ \Phi_{22}^{4}\ \Phi_{11}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
95628	1428	328	$\frac{2}{41}$	$\frac{1}{8}$	$\frac{7}{41}$	$\frac{13}{41}$	$\Phi_{328}^{5}\ \Phi_{164}^{5}\ \Phi_{82}^{5}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
95629	1428	1427	$\frac{74}{1427}$	$\frac{169}{1427}$	$\frac{244}{1427}$	$\frac{451}{1427}$	$\Phi_{1427}\ \Phi_{1}^{2}$
95630	1428	1790	$\frac{19}{358}$	$\frac{35}{358}$	$\frac{1}{5}$	$\frac{113}{358}$	$\Phi_{1790}\ \Phi_{895}\ \Phi_{10}$
95631	1428	1872	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{25}{144}$	$\frac{11}{36}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
95632	1428	670	$\frac{3}{67}$	$\frac{1}{10}$	$\frac{16}{67}$	$\frac{3}{10}$	$\Phi_{670}^{2}\ \Phi_{335}^{2}\ \Phi_{134}^{2}\ \Phi_{67}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
95633	1428	90	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{90}^{17}\ \Phi_{45}^{17}\ \Phi_{30}^{17}\ \Phi_{18}^{16}\ \Phi_{15}^{17}\ \Phi_{10}^{9}\ \Phi_{9}^{16}\ \Phi_{6}^{16}\ \Phi_{5}^{8}\ \Phi_{3}^{16}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
95634	1428	1427	$\frac{59}{1427}$	$\frac{155}{1427}$	$\frac{342}{1427}$	$\frac{424}{1427}$	$\Phi_{1427}\ \Phi_{1}^{2}$
95635	1428	306	$\frac{1}{18}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{306}^{5}\ \Phi_{153}^{5}\ \Phi_{102}^{5}\ \Phi_{51}^{5}\ \Phi_{34}^{5}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
95636	1428	696	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{696}^{3}\ \Phi_{348}^{3}\ \Phi_{174}^{3}\ \Phi_{116}\ \Phi_{87}^{3}\ \Phi_{58}$
95637	1428	1992	$\frac{3}{83}$	$\frac{1}{8}$	$\frac{20}{83}$	$\frac{7}{24}$	$\Phi_{1992}\ \Phi_{996}\ \Phi_{498}\ \Phi_{249}\ \Phi_{83}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
95638	1428	1320	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{165}^{2}\ \Phi_{120}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
95639	1428	1992	$\frac{5}{83}$	$\frac{1}{8}$	$\frac{13}{83}$	$\frac{7}{24}$	$\Phi_{1992}\ \Phi_{996}\ \Phi_{498}\ \Phi_{249}\ \Phi_{83}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
95640	1428	840	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}\ \Phi_{140}^{2}\ \Phi_{105}^{3}\ \Phi_{84}\ \Phi_{70}^{2}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{35}^{3}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}$
95641	1428	1992	$\frac{6}{83}$	$\frac{1}{8}$	$\frac{11}{83}$	$\frac{7}{24}$	$\Phi_{1992}\ \Phi_{996}\ \Phi_{498}\ \Phi_{249}\ \Phi_{83}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
95642	1428	312	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{312}^{7}\ \Phi_{156}^{7}\ \Phi_{104}\ \Phi_{78}^{7}\ \Phi_{52}\ \Phi_{39}^{7}\ \Phi_{26}$
95643	1428	1427	$\frac{69}{1427}$	$\frac{194}{1427}$	$\frac{254}{1427}$	$\frac{411}{1427}$	$\Phi_{1427}\ \Phi_{1}^{2}$
95644	1428	1790	$\frac{15}{358}$	$\frac{49}{358}$	$\frac{1}{5}$	$\frac{103}{358}$	$\Phi_{1790}\ \Phi_{895}\ \Phi_{10}$
95645	1428	649	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{649}^{2}\ \Phi_{59}^{4}\ \Phi_{11}^{3}\ \Phi_{1}^{6}$
95646	1428	792	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{198}\ \Phi_{132}^{2}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}^{4}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}^{4}\ \Phi_{33}\ \Phi_{24}^{4}\ \Phi_{18}^{2}\ \Phi_{12}^{4}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
95647	1428	1935	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{1935}\ \Phi_{387}\ \Phi_{215}$
95648	1428	1427	$\frac{62}{1427}$	$\frac{195}{1427}$	$\frac{308}{1427}$	$\frac{373}{1427}$	$\Phi_{1427}\ \Phi_{1}^{2}$
95649	1428	1530	$\frac{1}{18}$	$\frac{9}{85}$	$\frac{19}{85}$	$\frac{22}{85}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}\ \Phi_{255}\ \Phi_{170}\ \Phi_{153}\ \Phi_{102}\ \Phi_{90}\ \Phi_{51}\ \Phi_{45}\ \Phi_{34}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
95650	1428	1427	$\frac{75}{1427}$	$\frac{152}{1427}$	$\frac{338}{1427}$	$\frac{363}{1427}$	$\Phi_{1427}\ \Phi_1^2$
95651	1428	1640	$\frac{9}{205}$	$\frac{1}{8}$	$\frac{49}{205}$	$\frac{52}{205}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{410}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
95652	1428	636	$\frac{1}{53}$	$\frac{13}{53}$	$\frac{1}{4}$	$\frac{40}{159}$	$\Phi_{636}^4\ \Phi_{318}^4\ \Phi_{212}\ \Phi_{106}\ \Phi_{12}^4\ \Phi_6^4$
95653	1428	580	$\frac{1}{29}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{580}^3\ \Phi_{290}^3\ \Phi_{145}^3\ \Phi_{116}\ \Phi_{58}$
95654	1428	1660	$\frac{3}{83}$	$\frac{3}{20}$	$\frac{20}{83}$	$\frac{1}{4}$	$\Phi_{1660}\ \Phi_{830}\ \Phi_{415}\ \Phi_{83}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
95655	1428	536	$\frac{3}{67}$	$\frac{1}{8}$	$\frac{16}{67}$	$\frac{1}{4}$	$\Phi_{536}^3\ \Phi_{268}^2\ \Phi_{134}^2\ \Phi_{67}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
95656	1428	1908	$\frac{25}{477}$	$\frac{52}{477}$	$\frac{113}{477}$	$\frac{1}{4}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{636}\ \Phi_{318}\ \Phi_{212}\ \Phi_{106}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
95657	1428	660	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{660}^3\ \Phi_{330}\ \Phi_{220}^3\ \Phi_{165}^2\ \Phi_{132}^3\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}^4\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{30}^2$ $\Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2$
95658	1428	36	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{36}^{53}\ \Phi_{18}^{25}\ \Phi_{12}^{53}\ \Phi_9^{28}\ \Phi_6^{25}\ \Phi_4^{52}\ \Phi_3^{28}\ \Phi_2^{24}\ \Phi_1^{28}$
95659	1428	1908	$\frac{22}{477}$	$\frac{65}{477}$	$\frac{103}{477}$	$\frac{1}{4}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{636}\ \Phi_{318}\ \Phi_{212}\ \Phi_{106}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
95660	1428	1856	$\frac{1}{29}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{116}\ \Phi_{58}$
95661	1428	220	$\frac{1}{22}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{220}^6\ \Phi_{110}^7\ \Phi_{55}^7\ \Phi_{44}^8\ \Phi_{22}^8\ \Phi_{20}^3\ \Phi_{11}^8\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
95662	1428	1180	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1180}^2\ \Phi_{590}^2\ \Phi_{20}^3\ \Phi_{10}^3$
95663	1428	360	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{360}^6\ \Phi_{180}^4\ \Phi_{120}^6\ \Phi_{90}^5\ \Phi_{60}^4\ \Phi_{45}^5\ \Phi_{40}^3\ \Phi_{30}^5\ \Phi_{20}^2\ \Phi_{15}^5\ \Phi_{10}^3\ \Phi_5^2$
95664	1428	2340	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{109}{585}$	$\frac{1}{4}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{180}\ \Phi_{130}\ \Phi_{90}\ \Phi_{60}\ \Phi_{36}\ \Phi_{30}$ $\Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
95665	1428	1660	$\frac{5}{83}$	$\frac{3}{20}$	$\frac{13}{83}$	$\frac{1}{4}$	$\Phi_{1660}\ \Phi_{830}\ \Phi_{415}\ \Phi_{83}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
95666	1428	420	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^3\ \Phi_{105}^5\ \Phi_{84}^4\ \Phi_{70}^3\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{21}^5\ \Phi_{14}^4\ \Phi_7^4$
95667	1428	1660	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1660}\ \Phi_{830}\ \Phi_{415}\ \Phi_{83}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
95668	1428	520	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{520}^4\ \Phi_{260}^3\ \Phi_{130}^3\ \Phi_{104}\ \Phi_{65}^3\ \Phi_{52}\ \Phi_{26}$
95669	1428	1675	$\frac{3}{67}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{16}{67}$	$\Phi_{1675}\ \Phi_{67}\ \Phi_{25}^2\ \Phi_1^2$
95670	1428	902	$\frac{1}{11}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{5}{22}$	$\Phi_{902}^2\ \Phi_{451}\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{22}^4\ \Phi_{11}^2\ \Phi_2^4\ \Phi_1^4$
95671	1428	616	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{5}{22}$	$\Phi_{616}^3\ \Phi_{308}^3\ \Phi_{154}\ \Phi_{77}^2\ \Phi_{56}^4\ \Phi_{28}^4\ \Phi_{14}^2\ \Phi_7^2$
95672	1428	495	$\frac{4}{55}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{495}^3\ \Phi_{165}^3\ \Phi_{99}^3\ \Phi_{55}^4\ \Phi_{33}^3\ \Phi_{11}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
95673	1428	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{2}{9}$	$\Phi_{180}^9\ \Phi_{90}^6\ \Phi_{60}^9\ \Phi_{45}^6\ \Phi_{36}^9\ \Phi_{30}^6\ \Phi_{20}^{12}\ \Phi_{18}^6\ \Phi_{15}^6\ \Phi_{12}^9\ \Phi_{10}^8\ \Phi_9^9\ \Phi_6^6$ $\Phi_5^8\ \Phi_4^{12}\ \Phi_3^9\ \Phi_2^8\ \Phi_1^{12}$
95674	1428	450	$\frac{1}{18}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
95675	1428	440	$\frac{4}{55}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{440}^4\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{88}^4\ \Phi_{44}^4\ \Phi_{40}\ \Phi_{22}^4\ \Phi_{20}\ \Phi_{10}$
95676	1428	1000	$\frac{2}{25}$	$\frac{1}{8}$	$\frac{23}{125}$	$\frac{1}{5}$	$\Phi_{1000}^2\ \Phi_{500}^2\ \Phi_{250}^2\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
95677	1428	600	$\frac{7}{75}$	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^2\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^2\ \Phi_{60}^3\ \Phi_{50}^2\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3$ $\Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
95678	1428	40	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{5}$	$\Phi_{40}^{41}\ \Phi_{20}^{29}\ \Phi_{10}^{33}\ \Phi_8^{40}\ \Phi_5^{32}\ \Phi_4^{28}\ \Phi_2^{32}\ \Phi_1^{32}$
95679	1428	328	$\frac{5}{41}$	$\frac{1}{8}$	$\frac{6}{41}$	$\frac{7}{41}$	$\Phi_{328}^5\ \Phi_{164}^5\ \Phi_{82}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4$
95680	1429	2848	$\frac{5}{1424}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1419}{2848}$	$\Phi_{2848}\ \Phi_{32}\ \Phi_8\ \Phi_1$
95681	1429	1908	$\frac{2}{477}$	$\frac{479}{1908}$	$\frac{1}{3}$	$\frac{475}{954}$	$\Phi_{1908}\ \Phi_{636}\ \Phi_{477}\ \Phi_{212}\ \Phi_{159}\ \Phi_{53}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
95682	1429	2448	$\frac{1}{204}$	$\frac{205}{1224}$	$\frac{1019}{2448}$	$\frac{203}{408}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{144}\ \Phi_{136}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
95683	1429	2844	$\frac{7}{1422}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1415}{2844}$	$\Phi_{2844}\ \Phi_{948}\ \Phi_{316}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
95684	1429	2832	$\frac{13}{1416}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1403}{2832}$	$\Phi_{2832}\ \Phi_{944}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
95685	1429	2688	$\frac{1}{84}$	$\frac{85}{1344}$	$\frac{1259}{2688}$	$\frac{83}{168}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{168}\ \Phi_{128}\ \Phi_{56}\ \Phi_{24}\ \Phi_8\ \Phi_1$
95686	1429	2016	$\frac{1}{84}$	$\frac{85}{672}$	$\frac{587}{2016}$	$\frac{83}{168}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}$ $\Phi_{56}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
95687	1429	1680	$\frac{1}{84}$	$\frac{251}{1680}$	$\frac{85}{336}$	$\frac{83}{168}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
95688	1429	1590	$\frac{2}{159}$	$\frac{161}{1590}$	$\frac{1}{3}$	$\frac{157}{318}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{530}\ \Phi_{265}\ \Phi_{159}\ \Phi_{53}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
95689	1429	2720	$\frac{1}{68}$	$\frac{69}{1360}$	$\frac{1291}{2720}$	$\frac{67}{136}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{160}\ \Phi_{136}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
95690	1429	2040	$\frac{1}{68}$	$\frac{69}{680}$	$\frac{611}{2040}$	$\frac{67}{136}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}\ \Phi_{102}\ \Phi_{60}\ \Phi_{51}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
95691	1429	1632	$\frac{1}{68}$	$\frac{203}{1632}$	$\frac{69}{272}$	$\frac{67}{136}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{96}\ \Phi_{51}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
95692	1429	2808	$\frac{25}{1404}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1379}{2808}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{312}\ \Phi_{216}\ \Phi_{104}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
95693	1429	2808	$\frac{25}{1404}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1379}{2808}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{312}\ \Phi_{216}\ \Phi_{104}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
95694	1429	2800	$\frac{29}{1400}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{1371}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
95695	1429	2800	$\frac{29}{1400}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1371}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{112}\ \Phi_{80}\ \Phi_{35}\ \Phi_{16}\ \Phi_{5}\ \Phi_{1}$
95696	1429	1722	$\frac{6}{287}$	$\frac{1}{7}$	$\frac{293}{1722}$	$\frac{281}{574}$	$\Phi_{1722}\ \Phi_{861}\ \Phi_{287}\ \Phi_{246}\ \Phi_{123}\ \Phi_{42}\ \Phi_{41}\ \Phi_{21}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
95697	1429	1920	$\frac{11}{480}$	$\frac{1}{12}$	$\frac{491}{1920}$	$\frac{469}{960}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
95698	1429	2784	$\frac{37}{1392}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1355}{2784}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
95699	1429	2772	$\frac{43}{1386}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{1343}{2772}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{132}\ \Phi_{84}\ \Phi_{63}\ \Phi_{44}\ \Phi_{36}\ \Phi_{28}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
95700	1429	2760	$\frac{49}{1380}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1331}{2760}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{184}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
95701	1429	1680	$\frac{1}{28}$	$\frac{29}{280}$	$\frac{251}{1680}$	$\frac{27}{56}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
95702	1429	1728	$\frac{11}{288}$	$\frac{1}{12}$	$\frac{299}{1728}$	$\frac{277}{576}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
95703	1429	1932	$\frac{20}{483}$	$\frac{1}{21}$	$\frac{503}{1932}$	$\frac{463}{966}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{483}\ \Phi_{276}\ \Phi_{161}\ \Phi_{92}\ \Phi_{84}\ \Phi_{69}\ \Phi_{28}\ \Phi_{23}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
95704	1429	2736	$\frac{61}{1368}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1307}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
95705	1429	2720	$\frac{69}{1360}$	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{1291}{2720}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{160}\ \Phi_{85}\ \Phi_{32}\ \Phi_{5}\ \Phi_{1}$
95706	1429	1734	$\frac{16}{289}$	$\frac{1}{17}$	$\frac{305}{1734}$	$\frac{273}{578}$	$\Phi_{1734}\ \Phi_{867}\ \Phi_{289}\ \Phi_{102}\ \Phi_{51}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
95707	1429	2688	$\frac{1}{28}$	$\frac{85}{1344}$	$\frac{27}{112}$	$\frac{1259}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
95708	1429	2688	$\frac{85}{1344}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1259}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
95709	1429	1458	$\frac{29}{1458}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1458}\ \Phi_{729}\ \Phi_{486}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
95710	1429	2640	$\frac{109}{1320}$	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1211}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
95711	1429	2592	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{133}{1296}$	$\frac{1163}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
95712	1429	1536	$\frac{107}{1536}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{85}{192}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
95713	1429	2544	$\frac{2}{159}$	$\frac{157}{1272}$	$\frac{1}{3}$	$\frac{1115}{2544}$	$\Phi_{2544}\ \Phi_{848}\ \Phi_{159}\ \Phi_{53}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
95714	1429	2520	$\frac{1}{84}$	$\frac{169}{1260}$	$\frac{83}{252}$	$\frac{1091}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{120}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
95715	1429	2520	$\frac{1}{42}$	$\frac{169}{1260}$	$\frac{41}{210}$	$\frac{1091}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{72}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
95716	1429	2520	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{169}{1260}$	$\frac{1091}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{180}\ \Phi_{168}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
95717	1429	1764	$\frac{1}{42}$	$\frac{41}{294}$	$\frac{335}{1764}$	$\frac{253}{588}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{441}\ \Phi_{294}\ \Phi_{252}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{63}\ \Phi_{49}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
95718	1429	2016	$\frac{1}{84}$	$\frac{83}{504}$	$\frac{587}{2016}$	$\frac{421}{1008}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
95719	1429	2448	$\frac{1}{102}$	$\frac{205}{1224}$	$\frac{101}{306}$	$\frac{1019}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{306}\ \Phi_{272}\ \Phi_{153}\ \Phi_{144}\ \Phi_{48}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
95720	1429	1470	$\frac{41}{1470}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{294}\ \Phi_{245}\ \Phi_{210}\ \Phi_{147}\ \Phi_{105}\ \Phi_{98}\ \Phi_{49}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
95721	1429	1530	$\frac{1}{17}$	$\frac{101}{1530}$	$\frac{16}{85}$	$\frac{69}{170}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}\ \Phi_{255}\ \Phi_{153}\ \Phi_{102}\ \Phi_{90}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
95722	1429	2400	$\frac{11}{240}$	$\frac{1}{12}$	$\frac{229}{1200}$	$\frac{971}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
95723	1429	1680	$\frac{1}{42}$	$\frac{251}{1680}$	$\frac{41}{210}$	$\frac{169}{420}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
95724	1429	2040	$\frac{1}{102}$	$\frac{101}{510}$	$\frac{611}{2040}$	$\frac{409}{1020}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{170}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
95725	1429	2352	$\frac{1}{42}$	$\frac{41}{294}$	$\frac{253}{1176}$	$\frac{923}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{294}\ \Phi_{147}\ \Phi_{112}\ \Phi_{98}\ \Phi_{49}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
95726	1429	1440	$\frac{11}{1440}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
95727	1429	2312	$\frac{16}{289}$	$\frac{1}{17}$	$\frac{273}{1156}$	$\frac{883}{2312}$	$\Phi_{2312}\ \Phi_{289}\ \Phi_{136}\ \Phi_{8}\ \Phi_{1}$
95728	1429	2304	$\frac{11}{288}$	$\frac{1}{12}$	$\frac{277}{1152}$	$\frac{875}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
95729	1429	1568	$\frac{1}{28}$	$\frac{139}{1568}$	$\frac{27}{112}$	$\frac{85}{224}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
95730	1429	2296	$\frac{6}{287}$	$\frac{1}{7}$	$\frac{281}{1148}$	$\frac{867}{2296}$	$\Phi_{2296}\ \Phi_{328}\ \Phi_{287}\ \Phi_{56}\ \Phi_{41}\ \Phi_{8}\ \Phi_{1}$
95731	1429	2136	$\frac{5}{712}$	$\frac{1}{4}$	$\frac{707}{2136}$	$\frac{3}{8}$	$\Phi_{2136}\ \Phi_{1068}\ \Phi_{534}\ \Phi_{267}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
95732	1429	1440	$\frac{11}{1440}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
95733	1429	2184	$\frac{1}{28}$	$\frac{27}{364}$	$\frac{337}{1092}$	$\frac{755}{2184}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{364}\ \Phi_{312}\ \Phi_{182}\ \Phi_{168}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{52}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
95734	1429	1512	$\frac{1}{21}$	$\frac{83}{1512}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
95735	1429	2160	$\frac{11}{360}$	$\frac{1}{12}$	$\frac{349}{1080}$	$\frac{731}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
95736	1429	1836	$\frac{1}{102}$	$\frac{407}{1836}$	$\frac{101}{306}$	$\frac{205}{612}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{459}\ \Phi_{306}\ \Phi_{153}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
95737	1429	2133	$\frac{7}{711}$	$\frac{2}{9}$	$\frac{704}{2133}$	$\frac{1}{3}$	$\Phi_{2133}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
95738	1429	2106	$\frac{25}{702}$	$\frac{2}{27}$	$\frac{677}{2106}$	$\frac{1}{3}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
95739	1429	1908	$\frac{2}{159}$	$\frac{157}{636}$	$\frac{479}{1908}$	$\frac{1}{3}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{477}\ \Phi_{159}\ \Phi_{53}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
95740	1429	1512	$\frac{83}{1512}$	$\frac{2}{27}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
95741	1429	1755	$\frac{25}{351}$	$\frac{2}{27}$	$\frac{326}{1755}$	$\frac{1}{3}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{195}\ \Phi_{135}\ \Phi_{65}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
95742	1429	2100	$\frac{29}{700}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{671}{2100}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{105}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
95743	1429	2079	$\frac{1}{21}$	$\frac{43}{693}$	$\frac{650}{2079}$	$\frac{20}{63}$	$\Phi_{2079}\ \Phi_{297}\ \Phi_{189}\ \Phi_{63}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
95744	1429	1728	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{299}{1728}$	$\frac{133}{432}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
95745	1429	1872	$\frac{25}{468}$	$\frac{1}{12}$	$\frac{443}{1872}$	$\frac{11}{36}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{144}\ \Phi_{104}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
95746	1429	1512	$\frac{83}{1512}$	$\frac{1}{12}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
95747	1429	2040	$\frac{1}{17}$	$\frac{69}{680}$	$\frac{16}{85}$	$\frac{611}{2040}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{120}\ \Phi_{102}\ \Phi_{85}\ \Phi_{60}\ \Phi_{51}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
95748	1429	2016	$\frac{1}{28}$	$\frac{85}{672}$	$\frac{27}{112}$	$\frac{587}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
95749	1429	2016	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{85}{672}$	$\frac{587}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
95750	1429	1890	$\frac{1}{42}$	$\frac{41}{210}$	$\frac{461}{1890}$	$\frac{169}{630}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{70}\ \Phi_{54}\ \Phi_{35}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
95751	1429	1680	$\frac{1}{28}$	$\frac{251}{1680}$	$\frac{27}{112}$	$\frac{85}{336}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
95752	1429	1792	$\frac{1}{28}$	$\frac{85}{448}$	$\frac{363}{1792}$	$\frac{27}{112}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{256}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
95753	1429	1540	$\frac{111}{1540}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{140}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{110}\ \Phi_{77}\ \Phi_{55}\ \Phi_{44}\ \Phi_{35}\ \Phi_{22}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}$
95754	1429	1700	$\frac{1}{17}$	$\frac{271}{1700}$	$\frac{16}{85}$	$\frac{69}{340}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{425}\ \Phi_{100}\ \Phi_{85}\ \Phi_{50}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}$
95755	1429	1750	$\frac{29}{350}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{321}{1750}$	$\Phi_{1750}\ \Phi_{875}\ \Phi_{250}\ \Phi_{125}\ \Phi_{35}\ \Phi_{5}\ \Phi_{1}$
95756	1429	1575	$\frac{146}{1575}$	$\frac{1}{7}$	$\frac{29}{175}$	$\frac{6}{35}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{105}\ \Phi_{75}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
95757	1429	1680	$\frac{29}{280}$	$\frac{1}{7}$	$\frac{251}{1680}$	$\frac{6}{35}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
95758	1430	2280	$\frac{1}{285}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{142}{285}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{285}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{57}\ \Phi_{40}\ \Phi_{24}\ \Phi_{19}\ \Phi_{15}\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
95759	1430	4272	$\frac{3}{712}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{709}{1424}$	$\Phi_{4272}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
95760	1430	2556	$\frac{1}{142}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{141}{284}$	$\Phi_{2556}\ \Phi_{852}\ \Phi_{284}^2\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
95761	1430	852	$\frac{1}{142}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{141}{284}$	$\Phi_{852}^3\ \Phi_{284}^4\ \Phi_{12}^3\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
95762	1430	2580	$\frac{1}{129}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{64}{129}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{516}\ \Phi_{172}\ \Phi_{129}\ \Phi_{60}\ \Phi_{43}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
95763	1430	645	$\frac{1}{129}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{64}{129}$	$\Phi_{645}^2\ \Phi_{215}^2\ \Phi_{129}^3\ \Phi_{43}^3\ \Phi_{15}^3\ \Phi_{5}^2\ \Phi_{3}^4\ \Phi_{1}^4$
95764	1430	2616	$\frac{1}{109}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{54}{109}$	$\Phi_{2616}\ \Phi_{872}\ \Phi_{109}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{1}^2$
95765	1430	1635	$\frac{1}{109}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{54}{109}$	$\Phi_{1635}\ \Phi_{545}\ \Phi_{109}\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{1}^2$
95766	1430	1962	$\frac{1}{109}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{54}{109}$	$\Phi_{1962}\ \Phi_{981}\ \Phi_{109}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{1}^2$
95767	1430	1744	$\frac{1}{109}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{54}{109}$	$\Phi_{1744}\ \Phi_{872}\ \Phi_{109}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
95768	1430	3102	$\frac{2}{141}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{139}{282}$	$\Phi_{3102}\ \Phi_{1034}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
95769	1430	2688	$\frac{1}{64}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{63}{128}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{128}^2\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^2$
95770	1430	384	$\frac{1}{64}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{63}{128}$	$\Phi_{384}^7\ \Phi_{128}^8\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
95771	1430	896	$\frac{1}{64}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{63}{128}$	$\Phi_{896}^3\ \Phi_{128}^4\ \Phi_{14}^2\ \Phi_{7}\ \Phi_{2}^2\ \Phi_{1}^2$
95772	1430	2700	$\frac{1}{54}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{53}{108}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{180}\ \Phi_{108}^2\ \Phi_{100}\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
95773	1430	756	$\frac{1}{54}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{53}{108}$	$\Phi_{756}^4\ \Phi_{252}^4\ \Phi_{108}^2\ \Phi_{84}^4\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}^2$
95774	1430	540	$\frac{1}{54}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{53}{108}$	$\Phi_{540}^5\ \Phi_{180}^5\ \Phi_{108}^6\ \Phi_{60}^5\ \Phi_{36}^6\ \Phi_{20}^5\ \Phi_{15}^2\ \Phi_{12}^6\ \Phi_{5}\ \Phi_{4}^6\ \Phi_{3}^2\ \Phi_{1}^2$
95775	1430	2112	$\frac{1}{48}$	$\frac{1}{11}$	$\frac{49}{192}$	$\frac{47}{96}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
95776	1430	3080	$\frac{3}{140}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{137}{280}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
95777	1430	840	$\frac{3}{140}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{137}{280}$	$\Phi_{840}^4\ \Phi_{280}^2\ \Phi_{168}^4\ \Phi_{120}^4\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}^2$
95778	1430	492	$\frac{1}{41}$	$\frac{21}{164}$	$\frac{1}{6}$	$\frac{20}{41}$	$\Phi_{492}^4\ \Phi_{246}^3\ \Phi_{164}^2\ \Phi_{123}^3\ \Phi_{82}\ \Phi_{41}^2\ \Phi_{12}^4\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
95779	1430	518	$\frac{1}{37}$	$\frac{1}{14}$	$\frac{19}{74}$	$\frac{18}{37}$	$\Phi_{518}^3\ \Phi_{259}^3\ \Phi_{74}\ \Phi_{37}^2\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{1}^2$
95780	1430	2898	$\frac{2}{63}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{2898}\ \Phi_{966}\ \Phi_{414}\ \Phi_{322}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
95781	1430	3036	$\frac{5}{138}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{133}{276}$	$\Phi_{3036}\ \Phi_{1012}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
95782	1430	1425	$\frac{2}{57}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{285}\ \Phi_{95}\ \Phi_{57}^2\ \Phi_{25}\ \Phi_{19}^2\ \Phi_{5}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
95783	1430	2025	$\frac{1}{27}$	$\frac{1}{25}$	$\frac{26}{81}$	$\frac{12}{25}$	$\Phi_{2025}\ \Phi_{405}\ \Phi_{81}^2\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
95784	1430	1800	$\frac{1}{25}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{12}{25}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
95785	1430	675	$\frac{1}{25}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{12}{25}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}^2\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{27}^4\ \Phi_{25}^3\ \Phi_{15}^2\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^6$
95786	1430	300	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{12}{25}$	$\Phi_{300}^5\ \Phi_{150}^4\ \Phi_{100}^5\ \Phi_{75}^4\ \Phi_{60}^5\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^5\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{12}^{10}\ \Phi_{10}^4\ \Phi_6^8\ \Phi_5^5\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
95787	1430	1575	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{12}{25}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{175}\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
95788	1430	2024	$\frac{1}{23}$	$\frac{1}{22}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{2024}\ \Phi_{506}\ \Phi_{253}\ \Phi_{184}\ \Phi_{46}$
95789	1430	672	$\frac{1}{32}$	$\frac{1}{21}$	$\frac{31}{96}$	$\frac{10}{21}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}^3\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^3\ \Phi_{42}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
95790	1430	1428	$\frac{3}{68}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{238}\ \Phi_{204}\ \Phi_{119}\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{21}\ \Phi_{17}^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
95791	1430	336	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{10}{21}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{48}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^5\ \Phi_{16}^8\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_8^8\ \Phi_7^5\ \Phi_6^4\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^{10}$
95792	1430	42	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{10}{21}$	$\Phi_{42}^{34}\ \Phi_{21}^{35}\ \Phi_{14}^{33}\ \Phi_7^{34}\ \Phi_6^{33}\ \Phi_3^{34}\ \Phi_2^{32}\ \Phi_1^{34}$
95793	1430	504	$\frac{1}{21}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{10}{21}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^2\ \Phi_{126}^3\ \Phi_{84}^2\ \Phi_{72}^4\ \Phi_{63}^3\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}^4\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^4\ \Phi_8^2\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
95794	1430	2992	$\frac{7}{136}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{129}{272}$	$\Phi_{2992}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
95795	1430	2808	$\frac{1}{27}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{312}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
95796	1430	2970	$\frac{8}{135}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{127}{270}$	$\Phi_{2970}\ \Phi_{990}\ \Phi_{594}\ \Phi_{330}\ \Phi_{198}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
95797	1430	1429	$\frac{69}{1429}$	$\frac{89}{1429}$	$\frac{272}{1429}$	$\frac{670}{1429}$	$\Phi_{1429}\ \Phi_1^2$
95798	1430	1760	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{17}{160}$	$\frac{15}{32}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
95799	1430	1572	$\frac{9}{131}$	$\frac{1}{12}$	$\frac{14}{131}$	$\frac{61}{131}$	$\Phi_{1572}\ \Phi_{786}\ \Phi_{524}\ \Phi_{393}\ \Phi_{262}$
95800	1430	1429	$\frac{101}{1429}$	$\frac{116}{1429}$	$\frac{153}{1429}$	$\frac{664}{1429}$	$\Phi_{1429}\ \Phi_1^2$
95801	1430	246	$\frac{2}{41}$	$\frac{3}{41}$	$\frac{1}{6}$	$\frac{19}{41}$	$\Phi_{246}^7\ \Phi_{123}^7\ \Phi_{82}^7\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6$
95802	1430	1429	$\frac{59}{1429}$	$\frac{105}{1429}$	$\frac{274}{1429}$	$\frac{662}{1429}$	$\Phi_{1429}\ \Phi_1^2$
95803	1430	518	$\frac{1}{14}$	$\frac{3}{37}$	$\frac{4}{37}$	$\frac{17}{37}$	$\Phi_{518}^3\ \Phi_{259}^3\ \Phi_{74}^3\ \Phi_{14}^2\ \Phi_7^2\ \Phi_2^2$
95804	1430	168	$\frac{1}{56}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{168}^9\ \Phi_{84}^9\ \Phi_{56}^8\ \Phi_{42}^9\ \Phi_{28}^8\ \Phi_{24}^7\ \Phi_{21}^9\ \Phi_{14}^8\ \Phi_{12}^9\ \Phi_8^6\ \Phi_7^8\ \Phi_6^9\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
95805	1430	2616	$\frac{4}{109}$	$\frac{1}{12}$	$\frac{21}{109}$	$\frac{11}{24}$	$\Phi_{2616}\ \Phi_{872}\ \Phi_{109}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
95806	1430	552	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{552}^5\ \Phi_{184}^5\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
95807	1430	2616	$\frac{9}{109}$	$\frac{1}{12}$	$\frac{10}{109}$	$\frac{11}{24}$	$\Phi_{2616}\ \Phi_{872}\ \Phi_{109}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
95808	1430	264	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{24}$	$\Phi_{264}^{11}\ \Phi_{132}\ \Phi_{88}^{11}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
95809	1430	1429	$\frac{98}{1429}$	$\frac{121}{1429}$	$\frac{155}{1429}$	$\frac{654}{1429}$	$\Phi_{1429}\ \Phi_1^2$
95810	1430	1722	$\frac{12}{287}$	$\frac{25}{287}$	$\frac{1}{6}$	$\frac{131}{287}$	$\Phi_{1722}\ \Phi_{861}\ \Phi_{574}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
95811	1430	660	$\frac{1}{66}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{660}^4\ \Phi_{220}^4\ \Phi_{132}^4\ \Phi_{66}^2\ \Phi_{60}^3\ \Phi_{44}^4\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{20}^4\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
95812	1430	860	$\frac{1}{43}$	$\frac{1}{10}$	$\frac{21}{86}$	$\frac{9}{20}$	$\Phi_{860}^3\ \Phi_{172}^3\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{20}^4\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
95813	1430	2580	$\frac{4}{129}$	$\frac{1}{10}$	$\frac{25}{129}$	$\frac{9}{20}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{516}\ \Phi_{172}\ \Phi_{129}\ \Phi_{60}\ \Phi_{43}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
95814	1430	540	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{540}^5\ \Phi_{180}^5\ \Phi_{108}^5\ \Phi_{60}^3\ \Phi_{54}^3\ \Phi_{36}^5\ \Phi_{27}^2\ \Phi_{20}^4\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
95815	1430	860	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{860}^3\ \Phi_{172}^3\ \Phi_{43}^3\ \Phi_{20}^4\ \Phi_4^4\ \Phi_1^4$
95816	1430	1540	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1540}^2\ \Phi_{308}^2\ \Phi_{220}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}$
95817	1430	639	$\frac{1}{71}$	$\frac{1}{9}$	$\frac{70}{213}$	$\frac{4}{9}$	$\Phi_{639}^2\ \Phi_{213}^3\ \Phi_{71}^2\ \Phi_9^3\ \Phi_3^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
95818	1430	504	$\frac{1}{56}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^2\ \Phi_{42}^3\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{18}\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
95819	1430	639	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{639}^2\ \Phi_{213}^2\ \Phi_{71}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^6$
95820	1430	252	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{252}^6\ \Phi_{126}^5\ \Phi_{84}^8\ \Phi_{63}^5\ \Phi_{42}^7\ \Phi_{36}^3\ \Phi_{28}^8\ \Phi_{21}^7\ \Phi_{18}^2\ \Phi_{14}^6\ \Phi_{12}^4\ \Phi_9^3\ \Phi_7^6\ \Phi_6^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
95821	1430	2816	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{15}{128}$	$\frac{113}{256}$	$\Phi_{2816}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
95822	1430	2646	$\frac{1}{27}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{2646}\ \Phi_{882}\ \Phi_{378}\ \Phi_{294}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_6$
95823	1430	1728	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
95824	1430	2772	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{17}{126}$	$\frac{109}{252}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
95825	1430	294	$\frac{4}{147}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{294}^6\ \Phi_{147}^4\ \Phi_{98}^6\ \Phi_{49}^4\ \Phi_{42}^5\ \Phi_{21}^3\ \Phi_{14}^5\ \Phi_7^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
95826	1430	864	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{864}^3\ \Phi_{288}^3\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}^2\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
95827	1430	246	$\frac{1}{41}$	$\frac{20}{123}$	$\frac{1}{6}$	$\frac{103}{246}$	$\Phi_{246}^5\ \Phi_{123}^7\ \Phi_{82}^5\ \Phi_{41}^6\ \Phi_6^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
95828	1430	1656	$\frac{1}{23}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{207}\ \Phi_{184}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
95829	1430	506	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{506}^5\ \Phi_{253}\ \Phi_{46}^5$
95830	1430	1429	$\frac{65}{1429}$	$\frac{124}{1429}$	$\frac{261}{1429}$	$\frac{584}{1429}$	$\Phi_{1429}\ \Phi_1^2$
95831	1430	1429	$\frac{77}{1429}$	$\frac{104}{1429}$	$\frac{265}{1429}$	$\frac{582}{1429}$	$\Phi_{1429}\ \Phi_1^2$
95832	1430	518	$\frac{2}{37}$	$\frac{1}{14}$	$\frac{7}{37}$	$\frac{15}{37}$	$\Phi_{518}^3\ \Phi_{259}^3\ \Phi_{74}^3\ \Phi_{14}^2\ \Phi_7^2\ \Phi_2^2$
95833	1430	1572	$\frac{6}{131}$	$\frac{1}{12}$	$\frac{25}{131}$	$\frac{53}{131}$	$\Phi_{1572}\ \Phi_{786}\ \Phi_{524}\ \Phi_{393}\ \Phi_{262}$
95834	1430	2640	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{23}{120}$	$\frac{97}{240}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
95835	1430	2358	$\frac{1}{131}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{2358}\ \Phi_{786}\ \Phi_{393}\ \Phi_{262}$
95836	1430	144	$\frac{1}{144}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{144}^{10}\ \Phi_{72}^{10}\ \Phi_{48}^{10}\ \Phi_{36}^{10}\ \Phi_{24}^9\ \Phi_{18}^{10}\ \Phi_{16}^{10}\ \Phi_{12}^{10}\ \Phi_9^{10}\ \Phi_8^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
95837	1430	2096	$\frac{1}{131}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{2096}\ \Phi_{524}\ \Phi_{262}$
95838	1430	760	$\frac{1}{95}$	$\frac{47}{190}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{760}^3\ \Phi_{190}^2\ \Phi_{152}^3\ \Phi_{95}\ \Phi_{40}^3\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{10}^2\ \Phi_8^4\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
95839	1430	1160	$\frac{2}{145}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1160}^2\ \Phi_{232}^2\ \Phi_{145}^2\ \Phi_{40}\ \Phi_{29}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
95840	1430	1368	$\frac{1}{57}$	$\frac{28}{171}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1368}^2\ \Phi_{456}\ \Phi_{171}^2\ \Phi_{152}\ \Phi_{72}^2\ \Phi_{57}\ \Phi_{24}\ \Phi_{19}\ \Phi_9^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
95841	1430	456	$\frac{2}{57}$	$\frac{5}{57}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{456}^5\ \Phi_{152}^5\ \Phi_{57}^5\ \Phi_{24}^5\ \Phi_{19}^5\ \Phi_8^6\ \Phi_3^5\ \Phi_1^6$
95842	1430	216	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^{11}\ \Phi_{108}^3\ \Phi_{72}^{11}\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{24}^7\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^8\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
95843	1430	760	$\frac{4}{95}$	$\frac{7}{95}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{760}^3\ \Phi_{152}^3\ \Phi_{95}^3\ \Phi_{40}^3\ \Phi_{19}^3\ \Phi_8^4\ \Phi_5^3\ \Phi_1^4$
95844	1430	1288	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1288}^2\ \Phi_{322}\ \Phi_{184}\ \Phi_{161}\ \Phi_{46}$
95845	1430	600	$\frac{7}{150}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{600}^4\ \Phi_{200}^4\ \Phi_{150}^2\ \Phi_{120}^3\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{24}^3\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
95846	1430	152	$\frac{1}{19}$	$\frac{9}{152}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{152}^9\ \Phi_{76}^{10}\ \Phi_{38}^{10}\ \Phi_{19}^9\ \Phi_8^{10}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{10}$
95847	1430	756	$\frac{1}{27}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{756}^3\ \Phi_{378}\ \Phi_{252}^3\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}^3\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
95848	1430	2376	$\frac{1}{36}$	$\frac{1}{11}$	$\frac{35}{108}$	$\frac{73}{216}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
95849	1430	1074	$\frac{1}{179}$	$\frac{178}{537}$	$\frac{1}{3}$	$\frac{359}{1074}$	$\Phi_{1074}^2\ \Phi_{537}\ \Phi_{358}^2\ \Phi_6^2\ \Phi_2^2$
95850	1430	840	$\frac{1}{56}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
95851	1430	798	$\frac{2}{57}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{114}^2\ \Phi_{42}\ \Phi_{38}^2\ \Phi_{21}\ \Phi_6$
95852	1430	1068	$\frac{3}{356}$	$\frac{1}{4}$	$\frac{353}{1068}$	$\frac{1}{3}$	$\Phi_{1068}\ \Phi_{534}\ \Phi_{356}^2\ \Phi_{267}\ \Phi_{178}^2\ \Phi_{89}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
95853	1430	426	$\frac{1}{71}$	$\frac{1}{6}$	$\frac{70}{213}$	$\frac{1}{3}$	$\Phi_{426}^{4}\,\Phi_{213}^{3}\,\Phi_{142}^{4}\,\Phi_{71}^{2}\,\Phi_{6}^{6}\,\Phi_{3}^{4}\,\Phi_{2}^{6}\,\Phi_{1}^{4}$
95854	1430	96	$\frac{1}{32}$	$\frac{1}{12}$	$\frac{31}{96}$	$\frac{1}{3}$	$\Phi_{96}^{15}\,\Phi_{48}^{15}\,\Phi_{32}^{14}\,\Phi_{24}^{15}\,\Phi_{16}^{14}\,\Phi_{12}^{17}\,\Phi_{8}^{14}\,\Phi_{6}^{17}\,\Phi_{4}^{16}\,\Phi_{3}^{16}\,\Phi_{2}^{16}\,\Phi_{1}^{16}$
95855	1430	1134	$\frac{1}{27}$	$\frac{1}{14}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{1134}^{2}\,\Phi_{567}^{2}\,\Phi_{162}^{2}\,\Phi_{42}\,\Phi_{21}\,\Phi_{6}$
95856	1430	504	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{504}^{4}\,\Phi_{252}^{4}\,\Phi_{168}\,\Phi_{126}^{4}\,\Phi_{84}\,\Phi_{72}^{4}\,\Phi_{63}^{4}\,\Phi_{42}\,\Phi_{36}^{4}\,\Phi_{24}\,\Phi_{21}\,\Phi_{18}^{2}\,\Phi_{12}\,\Phi_{9}^{2}\,\Phi_{6}$
95857	1430	330	$\frac{1}{66}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{330}^{4}\,\Phi_{165}^{4}\,\Phi_{110}^{4}\,\Phi_{66}^{6}\,\Phi_{55}^{4}\,\Phi_{33}^{6}\,\Phi_{30}^{4}\,\Phi_{22}^{6}\,\Phi_{15}^{3}\,\Phi_{11}^{6}\,\Phi_{10}^{4}\,\Phi_{6}^{6}\,\Phi_{5}^{2}\,\Phi_{3}^{4}\,\Phi_{2}^{6}\,\Phi_{1}^{4}$
95858	1430	336	$\frac{1}{56}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^{8}\,\Phi_{168}^{5}\,\Phi_{84}^{5}\,\Phi_{48}^{7}\,\Phi_{42}^{5}\,\Phi_{24}^{4}\,\Phi_{21}^{5}\,\Phi_{12}^{5}\,\Phi_{6}^{5}\,\Phi_{3}^{4}$
95859	1430	204	$\frac{3}{68}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^{7}\,\Phi_{102}^{7}\,\Phi_{68}^{8}\,\Phi_{51}^{7}\,\Phi_{34}^{8}\,\Phi_{17}^{8}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
95860	1430	504	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{504}^{4}\,\Phi_{252}^{4}\,\Phi_{168}^{4}\,\Phi_{84}^{4}\,\Phi_{72}^{2}\,\Phi_{56}^{4}\,\Phi_{42}\,\Phi_{36}^{2}\,\Phi_{28}^{4}\,\Phi_{24}^{2}\,\Phi_{21}\,\Phi_{12}^{2}\,\Phi_{8}^{2}\,\Phi_{6}\,\Phi_{4}^{2}$
95861	1430	1932	$\frac{1}{23}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{1932}\,\Phi_{966}\,\Phi_{644}\,\Phi_{322}\,\Phi_{276}\,\Phi_{138}\,\Phi_{92}\,\Phi_{69}\,\Phi_{46}$
95862	1430	1656	$\frac{1}{23}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1656}\,\Phi_{828}\,\Phi_{552}\,\Phi_{414}\,\Phi_{276}\,\Phi_{184}\,\Phi_{138}\,\Phi_{92}\,\Phi_{69}\,\Phi_{46}$
95863	1430	1638	$\frac{7}{117}$	$\frac{1}{14}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1638}\,\Phi_{819}\,\Phi_{546}\,\Phi_{273}\,\Phi_{234}\,\Phi_{182}\,\Phi_{91}\,\Phi_{78}\,\Phi_{42}\,\Phi_{26}\,\Phi_{21}\,\Phi_{6}$
95864	1430	285	$\frac{2}{57}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{285}^{5}\,\Phi_{95}^{5}\,\Phi_{57}^{6}\,\Phi_{19}^{6}\,\Phi_{15}^{2}\,\Phi_{5}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
95865	1430	1635	$\frac{4}{109}$	$\frac{2}{15}$	$\frac{21}{109}$	$\frac{1}{3}$	$\Phi_{1635}\,\Phi_{545}\,\Phi_{109}\,\Phi_{15}^{2}\,\Phi_{5}^{2}\,\Phi_{1}^{2}$
95866	1430	48	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{3}{16}$	$\frac{1}{3}$	$\Phi_{48}^{28}\,\Phi_{24}^{28}\,\Phi_{16}^{32}\,\Phi_{12}^{30}\,\Phi_{8}^{32}\,\Phi_{6}^{30}\,\Phi_{4}^{34}\,\Phi_{3}^{29}\,\Phi_{2}^{34}\,\Phi_{1}^{34}$
95867	1430	2148	$\frac{51}{716}$	$\frac{53}{716}$	$\frac{133}{716}$	$\frac{1}{3}$	$\Phi_{2148}\,\Phi_{1074}\,\Phi_{537}\,\Phi_{12}\,\Phi_{6}$
95868	1430	378	$\frac{1}{14}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{1}{3}$	$\Phi_{378}^{4}\,\Phi_{189}^{4}\,\Phi_{126}^{4}\,\Phi_{63}^{4}\,\Phi_{54}^{4}\,\Phi_{42}^{5}\,\Phi_{21}^{5}\,\Phi_{18}^{4}\,\Phi_{14}^{4}\,\Phi_{7}^{4}\,\Phi_{6}^{5}\,\Phi_{2}^{4}$
95869	1430	2148	$\frac{45}{716}$	$\frac{61}{716}$	$\frac{131}{716}$	$\frac{1}{3}$	$\Phi_{2148}\,\Phi_{1074}\,\Phi_{537}\,\Phi_{12}\,\Phi_{6}$
95870	1430	690	$\frac{1}{23}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{690}^{3}\,\Phi_{345}^{2}\,\Phi_{230}^{3}\,\Phi_{138}\,\Phi_{115}^{2}\,\Phi_{69}\,\Phi_{46}$
95871	1430	426	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{426}^{4}\,\Phi_{213}^{2}\,\Phi_{142}^{4}\,\Phi_{71}^{4}\,\Phi_{6}^{6}\,\Phi_{3}^{3}\,\Phi_{2}^{6}\,\Phi_{1}^{6}$
95872	1430	84	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{84}^{20}\,\Phi_{42}^{17}\,\Phi_{28}^{20}\,\Phi_{21}^{17}\,\Phi_{14}^{16}\,\Phi_{12}^{10}\,\Phi_{7}^{16}\,\Phi_{6}^{9}\,\Phi_{4}^{10}\,\Phi_{3}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
95873	1430	1635	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1635}\,\Phi_{545}\,\Phi_{109}\,\Phi_{15}^{2}\,\Phi_{5}^{2}\,\Phi_{1}^{2}$
95874	1430	660	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{660}^{3}\,\Phi_{330}^{3}\,\Phi_{220}^{3}\,\Phi_{165}^{2}\,\Phi_{132}\,\Phi_{110}^{3}\,\Phi_{66}\,\Phi_{55}^{2}\,\Phi_{44}\,\Phi_{33}\,\Phi_{22}$
95875	1430	126	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{3}$	$\Phi_{126}^{12}\,\Phi_{63}^{10}\,\Phi_{42}^{13}\,\Phi_{21}^{11}\,\Phi_{18}^{12}\,\Phi_{14}^{12}\,\Phi_{9}^{12}\,\Phi_{7}^{10}\,\Phi_{6}^{13}\,\Phi_{3}^{12}\,\Phi_{2}^{12}\,\Phi_{1}^{12}$
95876	1430	72	$\frac{1}{12}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{72}^{22}\,\Phi_{36}^{22}\,\Phi_{24}^{15}\,\Phi_{18}^{22}\,\Phi_{12}^{17}\,\Phi_{9}^{22}\,\Phi_{8}^{14}\,\Phi_{6}^{17}\,\Phi_{4}^{16}\,\Phi_{3}^{16}\,\Phi_{2}^{16}\,\Phi_{1}^{16}$
95877	1430	738	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{83}{369}$	$\frac{40}{123}$	$\Phi_{738}^{3}\,\Phi_{369}^{2}\,\Phi_{246}\,\Phi_{123}\,\Phi_{82}\,\Phi_{18}^{3}\,\Phi_{9}^{2}$
95878	1430	672	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{31}{96}$	$\Phi_{672}^{3}\,\Phi_{336}^{3}\,\Phi_{168}^{3}\,\Phi_{96}^{4}\,\Phi_{84}^{3}\,\Phi_{48}^{4}\,\Phi_{42}^{3}\,\Phi_{24}^{4}\,\Phi_{21}^{3}\,\Phi_{14}^{2}\,\Phi_{12}^{4}\,\Phi_{7}\,\Phi_{6}^{4}\,\Phi_{3}^{4}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
95879	1430	405	$\frac{1}{27}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{26}{81}$	$\Phi_{405}^{5}\,\Phi_{81}^{6}\,\Phi_{15}^{2}\,\Phi_{5}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
95880	1430	210	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{67}{210}$	$\Phi_{210}^{6}\,\Phi_{105}^{6}\,\Phi_{70}^{8}\,\Phi_{42}^{7}\,\Phi_{35}^{8}\,\Phi_{30}^{6}\,\Phi_{21}^{7}\,\Phi_{15}^{6}\,\Phi_{14}^{9}\,\Phi_{10}^{8}\,\Phi_{7}^{8}\,\Phi_{6}^{6}\,\Phi_{5}^{8}\,\Phi_{3}^{6}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
95881	1430	176	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{3}{16}$	$\frac{5}{16}$	$\Phi_{176}^{9}\,\Phi_{88}^{9}\,\Phi_{44}^{9}\,\Phi_{22}^{9}\,\Phi_{11}^{8}$
95882	1430	1782	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{19}{162}$	$\frac{8}{27}$	$\Phi_{1782}\,\Phi_{891}\,\Phi_{594}\,\Phi_{198}\,\Phi_{99}\,\Phi_{66}\,\Phi_{33}\,\Phi_{22}$
95883	1430	216	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{216}^{7}\,\Phi_{108}^{7}\,\Phi_{72}^{6}\,\Phi_{54}^{7}\,\Phi_{36}^{6}\,\Phi_{27}^{6}\,\Phi_{24}^{7}\,\Phi_{18}^{6}\,\Phi_{12}^{7}\,\Phi_{9}^{5}\,\Phi_{8}^{6}\,\Phi_{6}^{7}\,\Phi_{4}^{6}\,\Phi_{3}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{6}$
95884	1430	378	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{378}^{5}\,\Phi_{189}^{3}\,\Phi_{126}^{5}\,\Phi_{63}^{3}\,\Phi_{54}^{5}\,\Phi_{42}^{5}\,\Phi_{27}^{2}\,\Phi_{21}^{3}\,\Phi_{18}^{5}\,\Phi_{9}^{2}\,\Phi_{6}^{5}\,\Phi_{3}^{2}$
95885	1430	1962	$\frac{4}{109}$	$\frac{1}{6}$	$\frac{21}{109}$	$\frac{5}{18}$	$\Phi_{1962}\,\Phi_{981}\,\Phi_{109}\,\Phi_{18}^{2}\,\Phi_{9}^{2}\,\Phi_{1}^{2}$
95886	1430	414	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{414}^{5}\,\Phi_{207}^{5}\,\Phi_{138}\,\Phi_{69}\,\Phi_{46}$
95887	1430	1962	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1962}\,\Phi_{981}\,\Phi_{109}\,\Phi_{18}^{2}\,\Phi_{9}^{2}\,\Phi_{1}^{2}$
95888	1430	396	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{396}^{6}\,\Phi_{198}^{5}\,\Phi_{132}\,\Phi_{99}^{5}\,\Phi_{66}\,\Phi_{44}\,\Phi_{33}\,\Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
95889	1430	1290	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{21}{86}$	$\frac{4}{15}$	$\Phi_{1290}^2\ \Phi_{645}\ \Phi_{258}^2\ \Phi_{129}\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
95890	1430	645	$\frac{4}{129}$	$\frac{25}{129}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{645}^2\ \Phi_{215}^2\ \Phi_{129}^3\ \Phi_{43}^3\ \Phi_{15}^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
95891	1430	270	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{270}^6\ \Phi_{135}^4\ \Phi_{90}^6\ \Phi_{54}^9\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{27}^6\ \Phi_{18}^9\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_9^6\ \Phi_6^6\ \Phi_5^2\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
95892	1430	645	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{645}^3\ \Phi_{129}^3\ \Phi_{43}^3\ \Phi_{15}^4\ \Phi_3^4\ \Phi_1^4$
95893	1430	2310	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{154}\ \Phi_{77}\ \Phi_{66}\ \Phi_{22}$
95894	1430	2112	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{15}{64}$	$\frac{49}{192}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
95895	1430	476	$\frac{3}{68}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{476}^3\ \Phi_{238}^3\ \Phi_{119}^3\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
95896	1430	1744	$\frac{4}{109}$	$\frac{3}{16}$	$\frac{21}{109}$	$\frac{1}{4}$	$\Phi_{1744}\ \Phi_{872}\ \Phi_{109}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
95897	1430	1104	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1104}^2\ \Phi_{552}^2\ \Phi_{368}\ \Phi_{184}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
95898	1430	1744	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1744}\ \Phi_{872}\ \Phi_{109}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
95899	1430	528	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{176}^3\ \Phi_{132}\ \Phi_{88}^3\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
95900	1430	1760	$\frac{1}{11}$	$\frac{17}{160}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
95901	1430	1848	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{25}{168}$	$\frac{1}{4}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
95902	1430	360	$\frac{1}{18}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{17}{72}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{72}^6\ \Phi_{60}^5\ \Phi_{40}^5\ \Phi_{36}^6\ \Phi_{24}^6\ \Phi_{20}^5\ \Phi_{15}^2\ \Phi_{12}^6\ \Phi_8^6\ \Phi_5\ \Phi_4^6\ \Phi_3^2\ \Phi_1^2$
95903	1430	112	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{3}{14}$	$\Phi_{112}^{12}\ \Phi_{56}^{12}\ \Phi_{28}^{12}\ \Phi_{16}^{16}\ \Phi_{14}^{14}\ \Phi_8^{16}\ \Phi_7^{13}\ \Phi_4^{16}\ \Phi_2^{18}\ \Phi_1^{18}$
95904	1430	42	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{42}^{41}\ \Phi_{21}^{41}\ \Phi_{14}^{21}\ \Phi_7^{20}\ \Phi_6^{40}\ \Phi_3^{40}\ \Phi_2^{20}\ \Phi_1^{20}$
95905	1430	504	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{72}^4\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_9^4\ \Phi_7\ \Phi_6^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^2$
95906	1430	1980	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{180}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
95907	1430	135	$\frac{2}{27}$	$\frac{2}{15}$	$\frac{5}{27}$	$\frac{1}{5}$	$\Phi_{135}^{10}\ \Phi_{45}^{10}\ \Phi_{27}^{12}\ \Phi_{15}^{12}\ \Phi_9^{12}\ \Phi_5^{11}\ \Phi_3^{14}\ \Phi_1^{14}$
95908	1430	60	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{60}^{25}\ \Phi_{30}^{20}\ \Phi_{20}^{25}\ \Phi_{15}^{22}\ \Phi_{12}^{30}\ \Phi_{10}^{20}\ \Phi_6^{24}\ \Phi_5^{21}\ \Phi_4^{30}\ \Phi_3^{26}\ \Phi_2^{24}\ \Phi_1^{26}$
95909	1430	315	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{315}^5\ \Phi_{105}^5\ \Phi_{63}^6\ \Phi_{35}^5\ \Phi_{21}^6\ \Phi_{15}^2\ \Phi_7^6\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
95910	1430	1050	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{32}{175}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
95911	1430	630	$\frac{29}{315}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{35}$	$\Phi_{630}^3\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^3\ \Phi_{105}\ \Phi_{90}^3\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
95912	1430	168	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{168}$	$\frac{1}{6}$	$\Phi_{168}^{10}\ \Phi_{84}^6\ \Phi_{56}^{10}\ \Phi_{42}^7\ \Phi_{28}^8\ \Phi_{24}^{10}\ \Phi_{21}^7\ \Phi_{14}^9\ \Phi_{12}^6\ \Phi_8^{10}\ \Phi_7^8\ \Phi_6^6\ \Phi_4^8\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
95913	1431	2288	$\frac{1}{286}$	$\frac{287}{1144}$	$\frac{857}{2288}$	$\frac{285}{572}$	$\Phi_{2288}\ \Phi_{572}\ \Phi_{208}\ \Phi_{176}\ \Phi_{52}\ \Phi_{44}\ \Phi_{16}\ \Phi_4\ \Phi_1$
95914	1431	1264	$\frac{1}{158}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{157}{316}$	$\Phi_{1264}^2\ \Phi_{316}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
95915	1431	316	$\frac{1}{158}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{157}{316}$	$\Phi_{316}^5\ \Phi_{158}^4\ \Phi_{79}^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
95916	1431	2600	$\frac{1}{130}$	$\frac{131}{1300}$	$\frac{1169}{2600}$	$\frac{129}{260}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{260}\ \Phi_{200}\ \Phi_{104}\ \Phi_{52}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
95917	1431	2840	$\frac{11}{1420}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1409}{2840}$	$\Phi_{2840}\ \Phi_{568}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
95918	1431	880	$\frac{1}{110}$	$\frac{37}{440}$	$\frac{403}{880}$	$\frac{109}{220}$	$\Phi_{880}^3\ \Phi_{220}\ \Phi_{176}^3\ \Phi_{80}^3\ \Phi_{44}\ \Phi_{20}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
95919	1431	220	$\frac{1}{110}$	$\frac{37}{220}$	$\frac{61}{220}$	$\frac{109}{220}$	$\Phi_{220}^7\ \Phi_{110}^6\ \Phi_{55}^6\ \Phi_{44}^7\ \Phi_{22}^6\ \Phi_{20}^7\ \Phi_{11}^6\ \Phi_{10}^6\ \Phi_5^6\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
95920	1431	1760	$\frac{1}{110}$	$\frac{329}{1760}$	$\frac{111}{440}$	$\frac{109}{220}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}\ \Phi_{80}\ \Phi_{44}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
95921	1431	940	$\frac{7}{470}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{463}{940}$	$\Phi_{940}^3\ \Phi_{188}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
95922	1431	2816	$\frac{23}{1408}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{1385}{2816}$	$\Phi_{2816}\ \Phi_{256}\ \Phi_{44}\ \Phi_4\ \Phi_1$
95923	1431	640	$\frac{3}{160}$	$\frac{1}{10}$	$\frac{163}{640}$	$\frac{157}{320}$	$\Phi_{640}^3\ \Phi_{160}^3\ \Phi_{128}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
95924	1431	104	$\frac{1}{52}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{51}{104}$	$\Phi_{104}^{27}\ \Phi_{52}\ \Phi_{8}^{27}\ \Phi_{4}\ \Phi_{1}$
95925	1431	104	$\frac{1}{52}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{51}{104}$	$\Phi_{104}^{27}\ \Phi_{13}^{2}\ \Phi_{8}^{27}\ \Phi_{1}^{3}$
95926	1431	520	$\frac{1}{52}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{51}{104}$	$\Phi_{520}^{6}\ \Phi_{104}^{3}\ \Phi_{40}^{6}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
95927	1431	1640	$\frac{4}{205}$	$\frac{209}{1640}$	$\frac{1}{5}$	$\frac{201}{410}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{328}\ \Phi_{205}\ \Phi_{164}\ \Phi_{41}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
95928	1431	2800	$\frac{31}{1400}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1369}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{112}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
95929	1431	2800	$\frac{31}{1400}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1369}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{112}\ \Phi_{80}\ \Phi_{35}\ \Phi_{16}\ \Phi_{7}\ \Phi_{1}$
95930	1431	1924	$\frac{12}{481}$	$\frac{1}{13}$	$\frac{493}{1924}$	$\frac{469}{962}$	$\Phi_{1924}\ \Phi_{481}\ \Phi_{148}\ \Phi_{52}\ \Phi_{37}\ \Phi_{4}\ \Phi_{1}$
95931	1431	310	$\frac{4}{155}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{151}{310}$	$\Phi_{310}^{4}\ \Phi_{155}^{5}\ \Phi_{62}^{4}\ \Phi_{31}^{5}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
95932	1431	320	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{11}{64}$	$\frac{31}{64}$	$\Phi_{320}^{4}\ \Phi_{160}^{6}\ \Phi_{80}^{6}\ \Phi_{64}^{2}\ \Phi_{40}^{6}\ \Phi_{32}^{3}\ \Phi_{20}^{6}\ \Phi_{16}^{3}\ \Phi_{10}^{5}\ \Phi_{8}^{3}\ \Phi_{5}^{5}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
95933	1431	308	$\frac{5}{154}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{149}{308}$	$\Phi_{308}^{9}\ \Phi_{44}^{9}\ \Phi_{28}^{9}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{4}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
95934	1431	308	$\frac{5}{154}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{149}{308}$	$\Phi_{308}^{9}\ \Phi_{44}^{9}\ \Phi_{28}^{9}\ \Phi_{11}^{4}\ \Phi_{4}^{9}\ \Phi_{1}^{5}$
95935	1431	920	$\frac{17}{460}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{443}{920}$	$\Phi_{920}^{3}\ \Phi_{184}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
95936	1431	156	$\frac{1}{26}$	$\frac{1}{26}$	$\frac{25}{78}$	$\frac{25}{52}$	$\Phi_{156}^{26}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{12}^{26}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
95937	1431	728	$\frac{1}{26}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{728}^{2}\ \Phi_{364}^{2}\ \Phi_{182}^{2}\ \Phi_{104}^{2}\ \Phi_{91}^{2}\ \Phi_{56}^{3}\ \Phi_{52}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}\ \Phi_{1}$
95938	1431	208	$\frac{1}{26}$	$\frac{3}{52}$	$\frac{49}{208}$	$\frac{25}{52}$	$\Phi_{208}^{9}\ \Phi_{104}^{9}\ \Phi_{52}\ \Phi_{16}^{9}\ \Phi_{8}^{9}\ \Phi_{4}\ \Phi_{1}$
95939	1431	260	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{25}{52}$	$\Phi_{260}^{13}\ \Phi_{65}\ \Phi_{52}\ \Phi_{20}^{13}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
95940	1431	520	$\frac{1}{26}$	$\frac{43}{520}$	$\frac{9}{52}$	$\frac{25}{52}$	$\Phi_{520}^{3}\ \Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{104}^{3}\ \Phi_{65}^{3}\ \Phi_{52}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
95941	1431	1428	$\frac{1}{28}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{238}\ \Phi_{204}\ \Phi_{119}\ \Phi_{84}^{2}\ \Phi_{68}\ \Phi_{51}\ \Phi_{42}^{2}\ \Phi_{28}\ \Phi_{21}^{2}\ \Phi_{17}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
95942	1431	1936	$\frac{21}{484}$	$\frac{1}{22}$	$\frac{505}{1936}$	$\frac{463}{968}$	$\Phi_{1936}\ \Phi_{484}\ \Phi_{242}\ \Phi_{176}\ \Phi_{121}\ \Phi_{44}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
95943	1431	704	$\frac{23}{704}$	$\frac{1}{22}$	$\frac{227}{704}$	$\frac{21}{44}$	$\Phi_{704}^{2}\ \Phi_{352}^{2}\ \Phi_{176}^{2}\ \Phi_{88}^{2}\ \Phi_{64}^{2}\ \Phi_{44}^{3}\ \Phi_{32}^{2}\ \Phi_{22}^{2}\ \Phi_{16}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
95944	1431	1496	$\frac{65}{1496}$	$\frac{1}{22}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{374}\ \Phi_{187}\ \Phi_{136}\ \Phi_{68}\ \Phi_{44}\ \Phi_{34}\ \Phi_{17}\ \Phi_{4}\ \Phi_{1}$
95945	1431	1760	$\frac{1}{22}$	$\frac{23}{352}$	$\frac{329}{1760}$	$\frac{21}{44}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
95946	1431	176	$\frac{1}{22}$	$\frac{17}{176}$	$\frac{23}{176}$	$\frac{21}{44}$	$\Phi_{176}^{8}\ \Phi_{88}^{8}\ \Phi_{44}^{9}\ \Phi_{22}^{8}\ \Phi_{16}^{8}\ \Phi_{11}^{8}\ \Phi_{8}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
95947	1431	1520	$\frac{7}{152}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{145}{304}$	$\Phi_{1520}^{2}\ \Phi_{304}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
95948	1431	2720	$\frac{71}{1360}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1289}{2720}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
95949	1431	504	$\frac{1}{28}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{504}^{4}\ \Phi_{252}^{2}\ \Phi_{168}^{4}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{72}^{3}\ \Phi_{63}^{2}\ \Phi_{56}^{4}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{28}\ \Phi_{24}^{3}\ \Phi_{21}^{2}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}^{3}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
95950	1431	1600	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{169}{1600}$	$\frac{151}{320}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
95951	1431	2704	$\frac{1}{26}$	$\frac{79}{1352}$	$\frac{25}{104}$	$\frac{1273}{2704}$	$\Phi_{2704}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
95952	1431	100	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{47}{100}$	$\Phi_{100}^{27}\ \Phi_{20}^{27}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{27}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
95953	1431	880	$\frac{1}{55}$	$\frac{37}{440}$	$\frac{18}{55}$	$\frac{403}{880}$	$\Phi_{880}^{3}\ \Phi_{176}^{3}\ \Phi_{80}^{3}\ \Phi_{55}^{2}\ \Phi_{16}^{3}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
95954	1431	880	$\frac{1}{22}$	$\frac{37}{440}$	$\frac{7}{44}$	$\frac{403}{880}$	$\Phi_{880}^{3}\ \Phi_{176}^{3}\ \Phi_{80}^{3}\ \Phi_{44}^{3}\ \Phi_{22}^{2}\ \Phi_{16}^{3}\ \Phi_{11}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
95955	1431	880	$\frac{3}{40}$	$\frac{37}{440}$	$\frac{1}{10}$	$\frac{403}{880}$	$\Phi_{880}^{3}\ \Phi_{176}^{3}\ \Phi_{80}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
95956	1431	55	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{55}^{27}\ \Phi_{11}^{22}\ \Phi_{5}^{27}\ \Phi_{1}^{23}$
95957	1431	672	$\frac{1}{28}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{672}^{4}\ \Phi_{224}^{4}\ \Phi_{96}^{3}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{32}^{3}\ \Phi_{28}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
95958	1431	480	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{5}{48}$	$\frac{43}{96}$	$\Phi_{480}^{6}\ \Phi_{160}^{6}\ \Phi_{96}^{3}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{32}^{3}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
95959	1431	65	$\frac{2}{65}$	$\frac{7}{65}$	$\frac{12}{65}$	$\frac{29}{65}$	$\Phi_{65}^{22}\ \Phi_{13}^{22}\ \Phi_{5}^{22}\ \Phi_{1}^{23}$
95960	1431	220	$\frac{1}{55}$	$\frac{6}{55}$	$\frac{61}{220}$	$\frac{49}{110}$	$\Phi_{220}^{9}\ \Phi_{55}^{8}\ \Phi_{44}^{9}\ \Phi_{20}^{9}\ \Phi_{11}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{1}^{9}$
95961	1431	490	$\frac{13}{490}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{490}^{3}\ \Phi_{245}^{3}\ \Phi_{98}^{3}\ \Phi_{70}^{2}\ \Phi_{49}^{3}\ \Phi_{35}^{3}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
95962	1431	2560	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{151}{1280}$	$\frac{1129}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
95963	1431	1664	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{233}{1664}$	$\frac{183}{416}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{208}\ \Phi_{128}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
95964	1431	2548	$\frac{1}{26}$	$\frac{157}{1274}$	$\frac{25}{182}$	$\frac{1117}{2548}$	$\Phi_{2548}\ \Phi_{364}\ \Phi_{196}\ \Phi_{182}\ \Phi_{91}\ \Phi_{52}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
95965	1431	1264	$\frac{1}{79}$	$\frac{1}{8}$	$\frac{26}{79}$	$\frac{7}{16}$	$\Phi_{1264}^{2}\ \Phi_{79}^{2}\ \Phi_{16}^{3}\ \Phi_{1}^{3}$
95966	1431	432	$\frac{1}{54}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{432}^{6}\ \Phi_{144}^{6}\ \Phi_{108}^{2}\ \Phi_{54}\ \Phi_{48}^{6}\ \Phi_{36}^{2}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}^{3}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
95967	1431	280	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{19}{140}$	$\frac{121}{280}$	$\Phi_{280}^{9}\ \Phi_{56}^{9}\ \Phi_{40}^{9}\ \Phi_{20}^{9}\ \Phi_{10}^{8}\ \Phi_{8}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
95968	1431	832	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{61}{416}$	$\frac{355}{832}$	$\Phi_{832}^{3}\ \Phi_{208}\ \Phi_{104}\ \Phi_{64}^{3}\ \Phi_{52}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
95969	1431	176	$\frac{1}{22}$	$\frac{17}{176}$	$\frac{7}{44}$	$\frac{37}{88}$	$\Phi_{176}^{9}\ \Phi_{88}^{6}\ \Phi_{44}^{9}\ \Phi_{22}^{8}\ \Phi_{16}^{9}\ \Phi_{11}^{8}\ \Phi_{8}^{6}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
95970	1431	820	$\frac{4}{205}$	$\frac{67}{410}$	$\frac{1}{5}$	$\frac{343}{820}$	$\Phi_{820}^{3}\ \Phi_{205}\ \Phi_{164}^{3}\ \Phi_{41}\ \Phi_{20}^{3}\ \Phi_{4}^{3}\ \Phi_{1}$
95971	1431	420	$\frac{1}{28}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{2}\ \Phi_{70}^{4}\ \Phi_{60}^{3}\ \Phi_{42}^{2}\ \Phi_{35}^{4}\ \Phi_{30}^{3}\ \Phi_{28}\ \Phi_{21}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
95972	1431	1260	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}^{2}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}^{2}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{70}\ \Phi_{63}^{2}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}^{2}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
95973	1431	2420	$\frac{1}{22}$	$\frac{21}{242}$	$\frac{221}{1210}$	$\frac{989}{2420}$	$\Phi_{2420}\ \Phi_{484}\ \Phi_{242}\ \Phi_{220}\ \Phi_{121}\ \Phi_{44}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
95974	1431	800	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{77}{400}$	$\frac{323}{800}$	$\Phi_{800}^{3}\ \Phi_{160}^{3}\ \Phi_{80}^{3}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
95975	1431	475	$\frac{4}{475}$	$\frac{1}{5}$	$\frac{157}{475}$	$\frac{2}{5}$	$\Phi_{475}^{3}\ \Phi_{95}^{3}\ \Phi_{25}^{3}\ \Phi_{19}^{3}\ \Phi_{5}^{4}\ \Phi_{1}^{5}$
95976	1431	260	$\frac{1}{130}$	$\frac{29}{130}$	$\frac{43}{130}$	$\frac{101}{260}$	$\Phi_{260}^{9}\ \Phi_{130}^{2}\ \Phi_{65}^{2}\ \Phi_{52}^{9}\ \Phi_{26}^{2}\ \Phi_{20}^{9}\ \Phi_{13}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
95977	1431	260	$\frac{2}{65}$	$\frac{7}{65}$	$\frac{29}{130}$	$\frac{101}{260}$	$\Phi_{260}^{9}\ \Phi_{65}^{4}\ \Phi_{52}^{9}\ \Phi_{20}^{9}\ \Phi_{13}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{9}\ \Phi_{1}^{5}$
95978	1431	220	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{220}^{11}\ \Phi_{55}^{5}\ \Phi_{44}^{9}\ \Phi_{20}^{11}\ \Phi_{11}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{9}\ \Phi_{1}^{5}$
95979	1431	1280	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{31}{128}$	$\frac{97}{256}$	$\Phi_{1280}^{2}\ \Phi_{256}\ \Phi_{160}^{2}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{32}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
95980	1431	2080	$\frac{1}{130}$	$\frac{129}{520}$	$\frac{649}{2080}$	$\frac{391}{1040}$	$\Phi_{2080}\ \Phi_{520}\ \Phi_{416}\ \Phi_{260}\ \Phi_{160}\ \Phi_{104}\ \Phi_{52}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
95981	1431	864	$\frac{1}{54}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{864}^{2}\ \Phi_{432}^{2}\ \Phi_{288}^{2}\ \Phi_{144}^{2}\ \Phi_{108}^{2}\ \Phi_{96}^{2}\ \Phi_{54}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
95982	1431	378	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{378}^{4}\ \Phi_{189}^{4}\ \Phi_{126}^{4}\ \Phi_{63}^{4}\ \Phi_{54}^{3}\ \Phi_{42}^{4}\ \Phi_{27}^{3}\ \Phi_{21}^{4}\ \Phi_{18}^{3}\ \Phi_{14}\ \Phi_{9}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
95983	1431	494	$\frac{17}{494}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{494}^{3}\ \Phi_{247}^{3}\ \Phi_{38}^{3}\ \Phi_{19}^{3}\ \Phi_{13}^{2}\ \Phi_{1}^{3}$
95984	1431	55	$\frac{2}{55}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{55}^{26}\ \Phi_{11}^{26}\ \Phi_{5}^{26}\ \Phi_{1}^{27}$
95985	1431	728	$\frac{1}{26}$	$\frac{25}{364}$	$\frac{113}{364}$	$\frac{251}{728}$	$\Phi_{728}^{3}\ \Phi_{364}\ \Phi_{182}\ \Phi_{104}^{3}\ \Phi_{91}\ \Phi_{56}^{3}\ \Phi_{52}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}^{3}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
95986	1431	80	$\frac{1}{40}$	$\frac{1}{10}$	$\frac{13}{40}$	$\frac{27}{80}$	$\Phi_{80}^{27}\ \Phi_{40}^{9}\ \Phi_{20}^{9}\ \Phi_{16}^{27}\ \Phi_{10}^{8}\ \Phi_{8}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
95987	1431	550	$\frac{1}{55}$	$\frac{73}{550}$	$\frac{18}{55}$	$\frac{37}{110}$	$\Phi_{550}^{3}\ \Phi_{275}^{3}\ \Phi_{55}^{2}\ \Phi_{50}^{3}\ \Phi_{25}^{3}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
95988	1431	715	$\frac{4}{715}$	$\frac{237}{715}$	$\frac{238}{715}$	$\frac{239}{715}$	$\Phi_{715}^{2}\ \Phi_{143}^{2}\ \Phi_{65}^{2}\ \Phi_{55}^{2}\ \Phi_{13}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
95989	1431	316	$\frac{1}{79}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{26}{79}$	$\Phi_{316}^{4}\ \Phi_{158}^{4}\ \Phi_{79}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
95990	1431	143	$\frac{2}{143}$	$\frac{32}{143}$	$\frac{37}{143}$	$\frac{47}{143}$	$\Phi_{143}^{10}\ \Phi_{13}^{10}\ \Phi_{11}^{10}\ \Phi_{1}^{11}$
95991	1431	956	$\frac{7}{478}$	$\frac{107}{478}$	$\frac{1}{4}$	$\frac{157}{478}$	$\Phi_{956}^{2}\ \Phi_{478}\ \Phi_{239}\ \Phi_{4}\ \Phi_{1}$
95992	1431	473	$\frac{8}{473}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{155}{473}$	$\Phi_{473}^{3}\ \Phi_{43}^{3}\ \Phi_{11}^{4}\ \Phi_{1}^{5}$
95993	1431	220	$\frac{1}{55}$	$\frac{37}{220}$	$\frac{61}{220}$	$\frac{18}{55}$	$\Phi_{220}^{6}\ \Phi_{110}^{6}\ \Phi_{55}^{8}\ \Phi_{44}^{6}\ \Phi_{22}^{6}\ \Phi_{20}^{6}\ \Phi_{11}^{8}\ \Phi_{10}^{6}\ \Phi_{5}^{8}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
95994	1431	205	$\frac{4}{205}$	$\frac{1}{5}$	$\frac{46}{205}$	$\frac{67}{205}$	$\Phi_{205}^{7}\ \Phi_{41}^{7}\ \Phi_{5}^{6}\ \Phi_{1}^{7}$
95995	1431	455	$\frac{2}{65}$	$\frac{44}{455}$	$\frac{137}{455}$	$\frac{21}{65}$	$\Phi_{455}^{3}\ \Phi_{91}^{3}\ \Phi_{65}^{4}\ \Phi_{35}^{3}\ \Phi_{13}^{4}\ \Phi_{7}^{3}\ \Phi_{5}^{4}\ \Phi_{1}^{5}$
95996	1431	78	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{25}{78}$	$\Phi_{78}^{27}\ \Phi_{39}^{27}\ \Phi_{13}^{2}\ \Phi_{6}^{27}\ \Phi_{3}^{27}\ \Phi_{1}^{3}$
95997	1431	780	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{25}{78}$	$\Phi_{780}^{4}\ \Phi_{390}^{2}\ \Phi_{195}^{2}\ \Phi_{156}^{2}\ \Phi_{78}\ \Phi_{60}^{4}\ \Phi_{39}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
95998	1431	700	$\frac{31}{700}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{223}{700}$	$\Phi_{700}^{2}\ \Phi_{350}^{2}\ \Phi_{175}^{2}\ \Phi_{140}^{2}\ \Phi_{100}^{2}\ \Phi_{70}^{2}\ \Phi_{50}^{2}\ \Phi_{35}^{3}\ \Phi_{28}^{2}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
95999	1431	176	$\frac{1}{22}$	$\frac{17}{176}$	$\frac{5}{22}$	$\frac{7}{22}$	$\Phi_{176}^{9}\ \Phi_{88}^{9}\ \Phi_{44}^{9}\ \Phi_{22}^{2}\ \Phi_{16}^{9}\ \Phi_{11}^{2}\ \Phi_{8}^{9}\ \Phi_{4}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
96000	1431	616	$\frac{1}{22}$	$\frac{15}{154}$	$\frac{139}{616}$	$\frac{7}{22}$	$\Phi_{616}^{3}\ \Phi_{308}^{3}\ \Phi_{88}^{3}\ \Phi_{56}^{3}\ \Phi_{44}^{3}\ \Phi_{28}^{3}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
96001	1431	320	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{11}{64}$	$\frac{5}{16}$	$\Phi_{320}^{6}\ \Phi_{160}^{6}\ \Phi_{80}^{2}\ \Phi_{64}^{3}\ \Phi_{40}^{2}\ \Phi_{32}^{3}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
96002	1431	77	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{24}{77}$	$\Phi_{77}^{18}\ \Phi_{11}^{22}\ \Phi_{7}^{18}\ \Phi_{1}^{23}$
96003	1431	728	$\frac{3}{56}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{728}^{2}\ \Phi_{364}^{2}\ \Phi_{182}^{2}\ \Phi_{104}^{2}\ \Phi_{91}^{2}\ \Phi_{56}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{13}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{1}^{3}$
96004	1431	208	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{49}{208}$	$\frac{4}{13}$	$\Phi_{208}^{9}\ \Phi_{104}^{9}\ \Phi_{16}^{9}\ \Phi_{13}^{2}\ \Phi_{8}^{9}\ \Phi_{1}^{3}$
96005	1431	169	$\frac{10}{169}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{169}^{9}\ \Phi_{13}^{2}\ \Phi_{1}^{3}$
96006	1431	65	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{4}{13}$	$\Phi_{65}^{27}\ \Phi_{13}^{2}\ \Phi_{5}^{27}\ \Phi_{1}^{3}$
96007	1431	520	$\frac{1}{13}$	$\frac{43}{520}$	$\frac{9}{52}$	$\frac{4}{13}$	$\Phi_{520}^{3}\ \Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{104}^{3}\ \Phi_{65}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{13}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
96008	1431	182	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{182}$	$\frac{4}{13}$	$\Phi_{182}^{9}\ \Phi_{91}^{9}\ \Phi_{14}^{9}\ \Phi_{13}^{2}\ \Phi_{7}^{9}\ \Phi_{1}^{3}$
96009	1431	60	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{7}{60}$	$\frac{3}{10}$	$\Phi_{60}^{27}\ \Phi_{30}^{27}\ \Phi_{20}^{27}\ \Phi_{15}^{27}\ \Phi_{12}^{27}\ \Phi_{10}^{8}\ \Phi_{6}^{27}\ \Phi_{5}^{8}\ \Phi_{4}^{27}\ \Phi_{3}^{27}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
96010	1431	208	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{49}{208}$	$\frac{61}{208}$	$\Phi_{208}^{7}\ \Phi_{104}^{7}\ \Phi_{52}^{7}\ \Phi_{26}^{6}\ \Phi_{16}^{7}\ \Phi_{13}^{6}\ \Phi_{8}^{7}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
96011	1431	55	$\frac{2}{55}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{55}^{26}\ \Phi_{11}^{26}\ \Phi_{5}^{26}\ \Phi_{1}^{27}$
96012	1431	275	$\frac{2}{55}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{275}^{5}\ \Phi_{55}^{7}\ \Phi_{25}^{3}\ \Phi_{11}^{7}\ \Phi_{5}^{4}\ \Phi_{1}^{5}$
96013	1431	220	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{37}{220}$	$\frac{61}{220}$	$\Phi_{220}^{6}\ \Phi_{110}^{6}\ \Phi_{55}^{6}\ \Phi_{44}^{9}\ \Phi_{22}^{8}\ \Phi_{20}^{6}\ \Phi_{11}^{8}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
96014	1431	504	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{126}^{4}\ \Phi_{84}^{2}\ \Phi_{72}^{3}\ \Phi_{63}^{4}\ \Phi_{42}^{2}\ \Phi_{36}^{3}\ \Phi_{28}\ \Phi_{21}^{2}\ \Phi_{18}^{3}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
96015	1431	640	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{151}{640}$	$\frac{163}{640}$	$\Phi_{640}^{2}\ \Phi_{320}^{2}\ \Phi_{160}^{3}\ \Phi_{128}^{2}\ \Phi_{80}^{3}\ \Phi_{64}^{2}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
96016	1431	108	$\frac{1}{54}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{108}^{14}\ \Phi_{54}^{13}\ \Phi_{36}^{14}\ \Phi_{27}^{13}\ \Phi_{18}^{13}\ \Phi_{12}^{14}\ \Phi_{9}^{13}\ \Phi_{6}^{13}\ \Phi_{4}^{7}\ \Phi_{3}^{13}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
96017	1431	280	$\frac{3}{56}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{280}^{6}\ \Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{56}^{3}\ \Phi_{40}^{6}\ \Phi_{35}^{6}\ \Phi_{28}^{3}\ \Phi_{20}^{2}\ \Phi_{14}^{3}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
96018	1431	1040	$\frac{3}{52}$	$\frac{1}{10}$	$\frac{49}{208}$	$\frac{1}{4}$	$\Phi_{1040}^{2}\ \Phi_{520}^{2}\ \Phi_{208}\ \Phi_{104}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
96019	1431	260	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{12}{65}$	$\frac{1}{4}$	$\Phi_{260}^{7}\ \Phi_{130}^{3}\ \Phi_{65}^{4}\ \Phi_{52}^{8}\ \Phi_{26}^{4}\ \Phi_{20}^{9}\ \Phi_{13}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
96020	1431	176	$\frac{1}{11}$	$\frac{17}{176}$	$\frac{2}{11}$	$\frac{5}{22}$	$\Phi_{176}^{9}\ \Phi_{88}^{9}\ \Phi_{44}^{9}\ \Phi_{16}^{9}\ \Phi_{11}^{4}\ \Phi_{8}^{9}\ \Phi_{4}^{9}\ \Phi_{1}^{5}$
96021	1431	1600	$\frac{1}{10}$	$\frac{169}{1600}$	$\frac{31}{200}$	$\frac{9}{40}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
96022	1431	560	$\frac{1}{10}$	$\frac{31}{280}$	$\frac{83}{560}$	$\frac{9}{40}$	$\Phi_{560}^{3}\ \Phi_{280}^{2}\ \Phi_{140}^{2}\ \Phi_{112}^{3}\ \Phi_{80}^{3}\ \Phi_{70}^{2}\ \Phi_{56}^{2}\ \Phi_{40}^{3}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
96023	1431	1540	$\frac{109}{1540}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{140}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{110}\ \Phi_{77}\ \Phi_{55}\ \Phi_{44}\ \Phi_{35}\ \Phi_{22}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
96024	1431	200	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{200}$	$\Phi_{200}^{9}\ \Phi_{100}^{9}\ \Phi_{40}^{9}\ \Phi_{20}^{9}\ \Phi_{10}^{8}\ \Phi_{8}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
96025	1431	1750	$\frac{31}{350}$	$\frac{4}{35}$	$\frac{319}{1750}$	$\frac{1}{5}$	$\Phi_{1750}\ \Phi_{875}\ \Phi_{250}\ \Phi_{125}\ \Phi_{35}\ \Phi_{7}\ \Phi_{1}$
96026	1431	175	$\frac{16}{175}$	$\frac{4}{35}$	$\frac{31}{175}$	$\frac{1}{5}$	$\Phi_{175}^{8}\ \Phi_{35}^{9}\ \Phi_{25}^{8}\ \Phi_{7}^{9}\ \Phi_{5}^{8}\ \Phi_{1}^{9}$
96027	1431	560	$\frac{31}{280}$	$\frac{4}{35}$	$\frac{83}{560}$	$\frac{1}{5}$	$\Phi_{560}^{3}\ \Phi_{280}^{2}\ \Phi_{140}^{2}\ \Phi_{112}^{3}\ \Phi_{80}^{3}\ \Phi_{70}^{2}\ \Phi_{56}^{2}\ \Phi_{40}^{2}\ \Phi_{35}^{3}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
96028	1431	65	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{65}$	$\frac{12}{65}$	$\Phi_{65}^{21}\ \Phi_{13}^{26}\ \Phi_{5}^{21}\ \Phi_{1}^{27}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
96029	1432	357	$\frac{1}{357}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{178}{357}$	$\Phi_{357}^4\ \Phi_{119}^4\ \Phi_{51}^4\ \Phi_{21}^4\ \Phi_{17}^4\ \Phi_7^4\ \Phi_3^5\ \Phi_1^6$
96030	1432	1431	$\frac{5}{1431}$	$\frac{359}{1431}$	$\frac{536}{1431}$	$\frac{713}{1431}$	$\Phi_{1431}\ \Phi_{477}\ \Phi_{159}\ \Phi_{53}\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
96031	1432	717	$\frac{1}{239}$	$\frac{60}{239}$	$\frac{1}{3}$	$\frac{119}{239}$	$\Phi_{717}^3\ \Phi_3^2$
96032	1432	2492	$\frac{1}{178}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{177}{356}$	$\Phi_{2492}\ \Phi_{356}^2\ \Phi_{28}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
96033	1432	5340	$\frac{1}{178}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{177}{356}$	$\Phi_{5340}\ \Phi_{60}\ \Phi_{15}$
96034	1432	318	$\frac{1}{159}$	$\frac{20}{159}$	$\frac{139}{318}$	$\frac{79}{159}$	$\Phi_{318}^8\ \Phi_{159}\ \Phi_{106}^8\ \Phi_{53}\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
96035	1432	477	$\frac{1}{159}$	$\frac{119}{477}$	$\frac{40}{159}$	$\frac{79}{159}$	$\Phi_{477}^4\ \Phi_{159}\ \Phi_{53}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
96036	1432	711	$\frac{5}{711}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{353}{711}$	$\Phi_{711}^2\ \Phi_{237}^2\ \Phi_{79}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
96037	1432	1062	$\frac{2}{177}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{175}{354}$	$\Phi_{1062}^3\ \Phi_{354}^2\ \Phi_{118}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96038	1432	720	$\frac{1}{60}$	$\frac{1}{9}$	$\frac{61}{240}$	$\frac{59}{120}$	$\Phi_{720}^3\ \Phi_{240}^2\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{90}^3\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96039	1432	3168	$\frac{3}{176}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{173}{352}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{288}\ \Phi_{96}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
96040	1432	689	$\frac{1}{53}$	$\frac{27}{689}$	$\frac{331}{689}$	$\frac{26}{53}$	$\Phi_{689}^2\ \Phi_{53}^3\ \Phi_{13}^2\ \Phi_1^4$
96041	1432	351	$\frac{7}{351}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{172}{351}$	$\Phi_{351}^4\ \Phi_{117}^4\ \Phi_{39}^4\ \Phi_{27}^5\ \Phi_{13}^4\ \Phi_9^5\ \Phi_3^5\ \Phi_1^6$
96042	1432	351	$\frac{7}{351}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{172}{351}$	$\Phi_{351}^4\ \Phi_{117}^4\ \Phi_{39}^4\ \Phi_{27}^4\ \Phi_{13}^4\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
96043	1432	3150	$\frac{4}{175}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{171}{350}$	$\Phi_{3150}\ \Phi_{1050}\ \Phi_{630}\ \Phi_{450}\ \Phi_{210}\ \Phi_{150}\ \Phi_{126}\ \Phi_{90}\ \Phi_{45}\ \Phi_{42}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
96044	1432	1395	$\frac{37}{1395}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{679}{1395}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}\ \Phi_{155}\ \Phi_{93}\ \Phi_{45}^2\ \Phi_{31}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
96045	1432	216	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{37}{216}$	$\frac{35}{72}$	$\Phi_{216}^8\ \Phi_{108}^8\ \Phi_{54}^8\ \Phi_{36}^8\ \Phi_{27}^8\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
96046	1432	1044	$\frac{5}{174}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{169}{348}$	$\Phi_{1044}^3\ \Phi_{348}^2\ \Phi_{116}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96047	1432	1053	$\frac{1}{27}$	$\frac{14}{351}$	$\frac{337}{1053}$	$\frac{13}{27}$	$\Phi_{1053}^2\ \Phi_{81}^2\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
96048	1432	189	$\frac{1}{27}$	$\frac{10}{189}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{189}^8\ \Phi_{63}^8\ \Phi_{27}^5\ \Phi_{21}^8\ \Phi_9^5\ \Phi_7^8\ \Phi_3^5\ \Phi_1^6$
96049	1432	1377	$\frac{1}{27}$	$\frac{55}{1377}$	$\frac{26}{81}$	$\frac{661}{1377}$	$\Phi_{1377}\ \Phi_{459}\ \Phi_{153}\ \Phi_{81}^2\ \Phi_{51}\ \Phi_{27}\ \Phi_{17}\ \Phi_9\ \Phi_3\ \Phi_1^2$
96050	1432	342	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{163}{342}$	$\Phi_{342}^8\ \Phi_{114}^8\ \Phi_{38}^8\ \Phi_{18}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
96051	1432	1800	$\frac{1}{20}$	$\frac{21}{200}$	$\frac{1}{9}$	$\frac{19}{40}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
96052	1432	3060	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{161}{340}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{204}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
96053	1432	243	$\frac{1}{27}$	$\frac{13}{243}$	$\frac{64}{243}$	$\frac{115}{243}$	$\Phi_{243}^6\ \Phi_{81}^6\ \Phi_{27}^5\ \Phi_9^5\ \Phi_3^5\ \Phi_1^6$
96054	1432	371	$\frac{13}{371}$	$\frac{3}{53}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{371}^4\ \Phi_{53}^3\ \Phi_7^4\ \Phi_1^4$
96055	1432	675	$\frac{41}{675}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{317}{675}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}^2\ \Phi_{75}^2\ \Phi_{45}^4\ \Phi_{27}^2\ \Phi_{25}^2\ \Phi_{15}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
96056	1432	1008	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{157}{336}$	$\Phi_{1008}^3\ \Phi_{336}^2\ \Phi_{144}^3\ \Phi_{112}^2\ \Phi_{48}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96057	1432	576	$\frac{13}{192}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{24}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^2\ \Phi_{144}^3\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{36}^3\ \Phi_{32}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96058	1432	990	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{1}{9}$	$\frac{151}{330}$	$\Phi_{990}^3\ \Phi_{330}^2\ \Phi_{198}^3\ \Phi_{110}^2\ \Phi_{90}^3\ \Phi_{66}^2\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96059	1432	324	$\frac{1}{27}$	$\frac{17}{162}$	$\frac{13}{81}$	$\frac{145}{324}$	$\Phi_{324}^8\ \Phi_{108}^8\ \Phi_{81}^2\ \Phi_{36}^8\ \Phi_{27}\ \Phi_{12}^8\ \Phi_9\ \Phi_4^8\ \Phi_3\ \Phi_1^2$
96060	1432	324	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{1}{9}$	$\frac{145}{324}$	$\Phi_{324}^8\ \Phi_{108}^8\ \Phi_{36}^8\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
96061	1432	2880	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{19}{160}$	$\frac{141}{320}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{192}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
96062	1432	318	$\frac{1}{53}$	$\frac{20}{159}$	$\frac{13}{53}$	$\frac{139}{318}$	$\Phi_{318}^8\ \Phi_{106}^8\ \Phi_{53}^3\ \Phi_6^8\ \Phi_2^8\ \Phi_1^4$
96063	1432	318	$\frac{7}{159}$	$\frac{19}{159}$	$\frac{20}{159}$	$\frac{139}{318}$	$\Phi_{318}^8\ \Phi_{159}\ \Phi_{106}^8\ \Phi_{53}\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
96064	1432	315	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{43}{315}$	$\frac{136}{315}$	$\Phi_{315}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{45}^8\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}^8\ \Phi_9^7\ \Phi_7^4\ \Phi_5^8\ \Phi_3^7\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
96065	1432	1869	$\frac{1}{89}$	$\frac{1}{7}$	$\frac{88}{267}$	$\frac{3}{7}$	$\Phi_{1869}\ \Phi_{267}^2\ \Phi_{21}\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
96066	1432	405	$\frac{1}{27}$	$\frac{47}{405}$	$\frac{13}{81}$	$\frac{34}{81}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^2\ \Phi_{45}^4\ \Phi_{27}\ \Phi_{15}^4\ \Phi_9\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
96067	1432	1215	$\frac{1}{27}$	$\frac{26}{243}$	$\frac{217}{1215}$	$\frac{499}{1215}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}^2\ \Phi_{135}\ \Phi_{81}^2\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
96068	1432	900	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{29}{150}$	$\frac{121}{300}$	$\Phi_{900}^3\ \Phi_{300}^2\ \Phi_{180}^3\ \Phi_{100}^2\ \Phi_{90}^3\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96069	1432	288	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{35}{144}$	$\frac{109}{288}$	$\Phi_{288}^8\ \Phi_{96}^8\ \Phi_{36}^8\ \Phi_{32}^8\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
96070	1432	212	$\frac{1}{53}$	$\frac{33}{212}$	$\frac{13}{53}$	$\frac{20}{53}$	$\Phi_{212}^8\ \Phi_{106}^8\ \Phi_{53}^3\ \Phi_4^8\ \Phi_2^8\ \Phi_1^4$
96071	1432	1656	$\frac{5}{184}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{138}\ \Phi_{69}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
96072	1432	1113	$\frac{1}{53}$	$\frac{52}{371}$	$\frac{319}{1113}$	$\frac{397}{1113}$	$\Phi_{1113}\ \Phi_{371}^2\ \Phi_{159}\ \Phi_{53}\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
96073	1432	270	$\frac{1}{45}$	$\frac{1}{9}$	$\frac{44}{135}$	$\frac{91}{270}$	$\Phi_{270}^8\ \Phi_{90}^8\ \Phi_{54}^8\ \Phi_{45}^8\ \Phi_{30}^8\ \Phi_{18}^8\ \Phi_{15}^8\ \Phi_{10}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_5^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
96074	1432	180	$\frac{1}{180}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^8\ \Phi_{45}^8\ \Phi_{36}^8\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{18}^8\ \Phi_{15}^8\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_9^8\ \Phi_6^8\ \Phi_5^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
96075	1432	1071	$\frac{2}{357}$	$\frac{355}{1071}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1071}^2\ \Phi_{153}^2\ \Phi_{63}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
96076	1432	714	$\frac{1}{119}$	$\frac{59}{238}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{714}^2\ \Phi_{357}\ \Phi_{238}^4\ \Phi_{119}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{42}^2\ \Phi_{34}^4\ \Phi_{21}\ \Phi_{17}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
96077	1432	546	$\frac{3}{182}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{39}^2\ \Phi_{26}^4\ \Phi_{21}\ \Phi_{14}^4\ \Phi_{13}^4\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
96078	1432	204	$\frac{1}{51}$	$\frac{25}{204}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{204}^8\ \Phi_{102}^8\ \Phi_{68}^8\ \Phi_{51}^4\ \Phi_{34}^8\ \Phi_{17}^4\ \Phi_{12}^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
96079	1432	735	$\frac{19}{735}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}^2\ \Phi_{105}^2\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
96080	1432	765	$\frac{2}{51}$	$\frac{49}{765}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^2\ \Phi_{85}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
96081	1432	561	$\frac{8}{187}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{561}^2\ \Phi_{187}^4\ \Phi_{51}\ \Phi_{33}^2\ \Phi_{17}^2\ \Phi_{11}^4\ \Phi_3^2\ \Phi_1^4$
96082	1432	189	$\frac{1}{21}$	$\frac{10}{189}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{189}^8\ \Phi_{63}^8\ \Phi_{27}^8\ \Phi_{21}^4\ \Phi_9^8\ \Phi_7^4\ \Phi_3^5\ \Phi_1^6$
96083	1432	1335	$\frac{1}{89}$	$\frac{1}{5}$	$\frac{88}{267}$	$\frac{1}{3}$	$\Phi_{1335}\ \Phi_{445}^2\ \Phi_{15}^2\ \Phi_5^2$
96084	1432	792	$\frac{3}{88}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{85}{264}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{36}^3\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96085	1432	216	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{37}{216}$	$\frac{17}{54}$	$\Phi_{216}^8\ \Phi_{108}^8\ \Phi_{72}^8\ \Phi_{36}^8\ \Phi_{24}^8\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^7\ \Phi_8^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
96086	1432	405	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{47}{405}$	$\frac{41}{135}$	$\Phi_{405}^4\ \Phi_{135}^2\ \Phi_{81}^4\ \Phi_{45}^4\ \Phi_{27}^2\ \Phi_{15}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
96087	1432	252	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{84}$	$\frac{73}{252}$	$\Phi_{252}^5\ \Phi_{126}^5\ \Phi_{84}^6\ \Phi_{63}^5\ \Phi_{42}^6\ \Phi_{36}^8\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{18}^8\ \Phi_{14}^6\ \Phi_{12}^8\ \Phi_9^7\ \Phi_7^6\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
96088	1432	243	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{17}{81}$	$\frac{64}{243}$	$\Phi_{243}^8\ \Phi_{81}^2\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
96089	1432	189	$\frac{10}{189}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{189}^8\ \Phi_{63}^8\ \Phi_{27}^4\ \Phi_{21}^8\ \Phi_9^7\ \Phi_7^8\ \Phi_3^7\ \Phi_1^8$
96090	1432	720	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{19}{80}$	$\frac{61}{240}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}\ \Phi_{180}^3\ \Phi_{144}^2\ \Phi_{120}\ \Phi_{90}^3\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96091	1432	477	$\frac{1}{53}$	$\frac{13}{53}$	$\frac{119}{477}$	$\frac{40}{159}$	$\Phi_{477}^4\ \Phi_{53}^3\ \Phi_9^4\ \Phi_1^4$
96092	1432	576	$\frac{13}{192}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{36}^3\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96093	1432	1980	$\frac{3}{44}$	$\frac{1}{9}$	$\frac{41}{220}$	$\frac{1}{4}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{180}\ \Phi_{165}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
96094	1432	234	$\frac{7}{117}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{55}{234}$	$\Phi_{234}^8\ \Phi_{117}^4\ \Phi_{78}^8\ \Phi_{39}^4\ \Phi_{26}^8\ \Phi_{18}^8\ \Phi_{13}^4\ \Phi_9^7\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
96095	1432	225	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{225}$	$\frac{46}{225}$	$\Phi_{225}^6\ \Phi_{75}^6\ \Phi_{45}^8\ \Phi_{25}^6\ \Phi_{15}^8\ \Phi_9^7\ \Phi_5^8\ \Phi_3^7\ \Phi_1^8$
96096	1432	1800	$\frac{21}{200}$	$\frac{1}{9}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
96097	1432	630	$\frac{1}{9}$	$\frac{4}{35}$	$\frac{31}{210}$	$\frac{1}{5}$	$\Phi_{630}^3\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^3\ \Phi_{105}\ \Phi_{90}^3\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^3\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
96098	1433	2848	$\frac{9}{1424}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1415}{2848}$	$\Phi_{2848}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
96099	1433	2832	$\frac{17}{1416}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1399}{2832}$	$\Phi_{2832}\ \Phi_{944}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
96100	1433	1920	$\frac{7}{480}$	$\frac{1}{8}$	$\frac{487}{1920}$	$\frac{473}{960}$	$\Phi_{1920}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
96101	1433	2816	$\frac{25}{1408}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1383}{2816}$	$\Phi_{2816}\ \Phi_{256}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
96102	1433	2800	$\frac{33}{1400}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1367}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{112}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
96103	1433	1728	$\frac{7}{288}$	$\frac{1}{8}$	$\frac{295}{1728}$	$\frac{281}{576}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
96104	1433	2784	$\frac{41}{1392}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1351}{2784}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
96105	1433	1600	$\frac{7}{160}$	$\frac{167}{1600}$	$\frac{1}{8}$	$\frac{153}{320}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
96106	1433	2736	$\frac{65}{1368}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1303}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
96107	1433	2720	$\frac{73}{1360}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1287}{2720}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
96108	1433	2688	$\frac{89}{1344}$	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1255}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
96109	1433	1536	$\frac{103}{1536}$	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{192}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
96110	1433	2640	$\frac{7}{120}$	$\frac{113}{1320}$	$\frac{1}{8}$	$\frac{1207}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
96111	1433	2592	$\frac{7}{144}$	$\frac{137}{1296}$	$\frac{1}{8}$	$\frac{1159}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
96112	1433	2560	$\frac{7}{160}$	$\frac{153}{1280}$	$\frac{1}{8}$	$\frac{1127}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
96113	1433	2400	$\frac{7}{240}$	$\frac{1}{8}$	$\frac{233}{1200}$	$\frac{967}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
96114	1433	1472	$\frac{39}{1472}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_{16}\ \Phi_1$
96115	1433	2304	$\frac{7}{288}$	$\frac{1}{8}$	$\frac{281}{1152}$	$\frac{871}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
96116	1433	2160	$\frac{7}{360}$	$\frac{1}{8}$	$\frac{353}{1080}$	$\frac{727}{2160}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
96117	1433	2148	$\frac{1}{179}$	$\frac{178}{537}$	$\frac{715}{2148}$	$\frac{359}{1074}$	$\Phi_{2148}\ \Phi_{716}\ \Phi_{537}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
96118	1433	2112	$\frac{25}{704}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{679}{2112}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
96119	1433	1728	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{295}{1728}$	$\frac{137}{432}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
96120	1433	2016	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{672}$	$\frac{583}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
96121	1433	1920	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{153}{640}$	$\frac{487}{1920}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
96122	1433	1536	$\frac{103}{1536}$	$\frac{1}{8}$	$\frac{25}{128}$	$\frac{7}{32}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
96123	1433	1760	$\frac{25}{352}$	$\frac{1}{8}$	$\frac{327}{1760}$	$\frac{7}{32}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
96124	1433	1600	$\frac{167}{1600}$	$\frac{1}{8}$	$\frac{33}{200}$	$\frac{7}{40}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
96125	1433	1680	$\frac{33}{280}$	$\frac{1}{8}$	$\frac{247}{1680}$	$\frac{7}{40}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
96126	1434	2380	$\frac{1}{238}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{237}{476}$	$\Phi_{2380}\ \Phi_{476}^2\ \Phi_{340}\ \Phi_{140}\ \Phi_{68}^2\ \Phi_{28}^2\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
96127	1434	1428	$\frac{1}{238}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{237}{476}$	$\Phi_{1428}\ \Phi_{714}^2\ \Phi_{357}^2\ \Phi_{204}\ \Phi_{102}^2\ \Phi_{84}\ \Phi_{51}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
96128	1434	3318	$\frac{2}{237}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{235}{474}$	$\Phi_{3318}\ \Phi_{1106}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
96129	1434	2240	$\frac{1}{80}$	$\frac{1}{7}$	$\frac{81}{320}$	$\frac{79}{160}$	$\Phi_{2240}\ \Phi_{560}\ \Phi_{448}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
96130	1434	3304	$\frac{3}{236}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{233}{472}$	$\Phi_{3304}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
96131	1434	3290	$\frac{4}{235}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{231}{470}$	$\Phi_{3290}\ \Phi_{658}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
96132	1434	2016	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{49}{288}$	$\frac{47}{96}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
96133	1434	3276	$\frac{5}{234}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{229}{468}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{364}\ \Phi_{252}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
96134	1434	3248	$\frac{7}{232}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{225}{464}$	$\Phi_{3248}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
96135	1434	3220	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{221}{460}$	$\Phi_{3220}\ \Phi_{644}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
96136	1434	3192	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{217}{456}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
96137	1434	3150	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{211}{450}$	$\Phi_{3150}\ \Phi_{1050}\ \Phi_{630}\ \Phi_{350}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
96138	1434	1792	$\frac{1}{16}$	$\frac{17}{256}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
96139	1434	448	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{1}{7}$	$\frac{209}{448}$	$\Phi_{448}^6\ \Phi_{112}\ \Phi_{64}^6\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
96140	1434	3080	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{1}{7}$	$\frac{201}{440}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
96141	1434	3024	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{1}{7}$	$\frac{193}{432}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
96142	1434	420	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{1}{7}$	$\frac{181}{420}$	$\Phi_{420}^6\ \Phi_{210}\ \Phi_{140}^6\ \Phi_{105}\ \Phi_{84}^6\ \Phi_{70}\ \Phi_{60}^6\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}^6\ \Phi_{21}\ \Phi_{20}^6\ \Phi_{14}\ \Phi_{12}^6\ \Phi_4^6$
96143	1434	2800	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{39}{200}$	$\frac{161}{400}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
96144	1434	1785	$\frac{1}{119}$	$\frac{1}{5}$	$\frac{118}{357}$	$\frac{2}{5}$	$\Phi_{1785}\ \Phi_{357}^2\ \Phi_{255}\ \Phi_{105}\ \Phi_{51}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
96145	1434	245	$\frac{6}{245}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{245}^6\ \Phi_{49}^6\ \Phi_{35}^5\ \Phi_7^4\ \Phi_5^6\ \Phi_1^6$
96146	1434	1360	$\frac{1}{34}$	$\frac{33}{272}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{272}^2\ \Phi_{136}^2\ \Phi_{80}\ \Phi_{68}^2\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
96147	1434	1260	$\frac{13}{252}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
96148	1434	255	$\frac{1}{17}$	$\frac{16}{255}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{255}^6\ \Phi_{85}^5\ \Phi_{51}^6\ \Phi_{17}^4\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^6\ \Phi_1^6$
96149	1434	2688	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{47}{192}$	$\frac{145}{384}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
96150	1434	2520	$\frac{1}{60}$	$\frac{1}{7}$	$\frac{59}{180}$	$\frac{121}{360}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
96151	1434	1428	$\frac{1}{119}$	$\frac{1}{4}$	$\frac{118}{357}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}^2\ \Phi_{238}^2\ \Phi_{204}\ \Phi_{102}\ \Phi_{84}\ \Phi_{68}^2\ \Phi_{42}\ \Phi_{34}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
96152	1434	2940	$\frac{6}{245}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{588}\ \Phi_{420}\ \Phi_{294}\ \Phi_{210}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}\ \Phi_6$
96153	1434	816	$\frac{1}{34}$	$\frac{33}{272}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{816}^3\ \Phi_{408}^3\ \Phi_{204}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{48}^3\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
96154	1434	252	$\frac{13}{252}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^4\ \Phi_{63}^6\ \Phi_{42}^5\ \Phi_{36}^6\ \Phi_{28}^6\ \Phi_{21}^5\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_{12}^5\ \Phi_9^6\ \Phi_7^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
96155	1434	1020	$\frac{1}{17}$	$\frac{16}{255}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{204}\ \Phi_{170}^2\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
96156	1434	2016	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{49}{288}$	$\frac{23}{72}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
96157	1434	1890	$\frac{1}{15}$	$\frac{31}{270}$	$\frac{1}{7}$	$\frac{14}{45}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{210}\ \Phi_{189}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
96158	1434	336	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1}{7}$	$\frac{97}{336}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}\ \Phi_{84}^6\ \Phi_{56}\ \Phi_{48}^6\ \Phi_{42}^6\ \Phi_{28}\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{14}\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^6$
96159	1434	252	$\frac{13}{252}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{252}^6\ \Phi_{126}^5\ \Phi_{84}^6\ \Phi_{63}^5\ \Phi_{42}^6\ \Phi_{36}^6\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_9^6\ \Phi_7^5\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
96160	1434	2184	$\frac{5}{78}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{73}{312}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{364}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
96161	1434	2100	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{14}{75}$	$\frac{61}{300}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
96162	1435	1144	$\frac{1}{286}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{285}{572}$	$\Phi_{1144}^2\ \Phi_{572}\ \Phi_{104}^2\ \Phi_{88}^2\ \Phi_{52}\ \Phi_{44}\ \Phi_{8}^3\ \Phi_4\ \Phi_1$
96163	1435	408	$\frac{1}{204}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{203}{408}$	$\Phi_{408}^7\ \Phi_{136}^7\ \Phi_{24}^7\ \Phi_{12}\ \Phi_{8}^7\ \Phi_4\ \Phi_1$
96164	1435	1224	$\frac{1}{204}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{203}{408}$	$\Phi_{1224}^3\ \Phi_{408}\ \Phi_{136}\ \Phi_{72}^3\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
96165	1435	570	$\frac{2}{285}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{283}{570}$	$\Phi_{570}^2\ \Phi_{285}^3\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}^3\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{19}^3\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
96166	1435	2844	$\frac{13}{1422}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1409}{2844}$	$\Phi_{2844}\ \Phi_{948}\ \Phi_{316}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
96167	1435	384	$\frac{1}{96}$	$\frac{1}{6}$	$\frac{97}{384}$	$\frac{95}{192}$	$\Phi_{384}^5\ \Phi_{128}^5\ \Phi_{96}^5\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
96168	1435	1704	$\frac{3}{284}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{281}{568}$	$\Phi_{1704}^2\ \Phi_{568}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
96169	1435	2832	$\frac{19}{1416}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1397}{2832}$	$\Phi_{2832}\ \Phi_{944}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
96170	1435	1728	$\frac{5}{288}$	$\frac{1}{6}$	$\frac{293}{1728}$	$\frac{283}{576}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
96171	1435	564	$\frac{5}{282}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{277}{564}$	$\Phi_{564}^5\ \Phi_{188}^5\ \Phi_{12}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
96172	1435	2808	$\frac{31}{1404}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1373}{2808}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{312}\ \Phi_{216}\ \Phi_{104}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
96173	1435	1360	$\frac{1}{40}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{39}{80}$	$\Phi_{1360}^2\ \Phi_{272}^2\ \Phi_{80}^3\ \Phi_{68}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
96174	1435	4080	$\frac{1}{40}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{39}{80}$	$\Phi_{4080}\ \Phi_{816}\ \Phi_{240}\ \Phi_{80}\ \Phi_{51}\ \Phi_{48}\ \Phi_{16}\ \Phi_3\ \Phi_1$
96175	1435	1360	$\frac{1}{40}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{39}{80}$	$\Phi_{1360}^2\ \Phi_{272}^2\ \Phi_{80}^3\ \Phi_{17}^2\ \Phi_{16}^3\ \Phi_1^3$
96176	1435	240	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{39}{80}$	$\Phi_{240}^{14}\ \Phi_{80}^7\ \Phi_{48}^{14}\ \Phi_{24}^2\ \Phi_{16}^7\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
96177	1435	558	$\frac{8}{279}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{271}{558}$	$\Phi_{558}^2\ \Phi_{279}^3\ \Phi_{186}^2\ \Phi_{93}^3\ \Phi_{62}^2\ \Phi_{31}^3\ \Phi_{18}^5\ \Phi_{9}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
96178	1435	1020	$\frac{1}{34}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{33}{68}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{255}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}\ \Phi_{60}^3\ \Phi_{51}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_4\ \Phi_{3}^3\ \Phi_1$
96179	1435	748	$\frac{1}{34}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{748}^2\ \Phi_{374}^2\ \Phi_{187}^2\ \Phi_{68}\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_4\ \Phi_1$
96180	1435	3060	$\frac{1}{34}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{33}{68}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{204}\ \Phi_{180}\ \Phi_{68}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
96181	1435	1700	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{33}{68}$	$\Phi_{1700}^2\ \Phi_{100}^2\ \Phi_{68}\ \Phi_{50}\ \Phi_{25}\ \Phi_4\ \Phi_1$
96182	1435	816	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{33}{68}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_4\ \Phi_{3}^3\ \Phi_1$
96183	1435	2784	$\frac{43}{1392}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1349}{2784}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
96184	1435	960	$\frac{1}{32}$	$\frac{33}{320}$	$\frac{1}{6}$	$\frac{31}{64}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}\ \Phi_{240}^2\ \Phi_{160}\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
96185	1435	552	$\frac{11}{276}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{265}{552}$	$\Phi_{552}^5\ \Phi_{184}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
96186	1435	2736	$\frac{67}{1368}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1301}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
96187	1435	468	$\frac{1}{36}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{156}^3\ \Phi_{117}^3\ \Phi_{78}^2\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{36}^5\ \Phi_{26}^2\ \Phi_{18}^5\ \Phi_{13}^3\ \Phi_{12}^5\ \Phi_{9}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
96188	1435	1536	$\frac{5}{96}$	$\frac{101}{1536}$	$\frac{1}{6}$	$\frac{91}{192}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
96189	1435	1632	$\frac{15}{272}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{257}{544}$	$\Phi_{1632}^2\ \Phi_{544}\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
96190	1435	462	$\frac{1}{42}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{462}^3\ \Phi_{231}^3\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{66}^2\ \Phi_{42}^5\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{11}^3\ \Phi_{7}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
96191	1435	540	$\frac{1}{18}$	$\frac{17}{270}$	$\frac{1}{6}$	$\frac{253}{540}$	$\Phi_{540}^5\ \Phi_{180}^5\ \Phi_{108}^5\ \Phi_{60}^5\ \Phi_{36}^5\ \Phi_{20}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_{9}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
96192	1435	384	$\frac{5}{96}$	$\frac{13}{192}$	$\frac{1}{6}$	$\frac{179}{384}$	$\Phi_{384}^7\ \Phi_{128}^7\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
96193	1435	504	$\frac{1}{36}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{504}^{4}\,\Phi_{252}^{2}\,\Phi_{168}^{4}\,\Phi_{126}^{2}\,\Phi_{84}^{2}\,\Phi_{72}^{4}\,\Phi_{63}^{2}\,\Phi_{56}^{3}\,\Phi_{42}^{2}\,\Phi_{36}\,\Phi_{28}^{2}\,\Phi_{24}^{4}\,\Phi_{21}^{2}\,\Phi_{18}\,\Phi_{14}\,\Phi_{12}\,\Phi_{9}\,\Phi_{8}^{3}\,\Phi_{7}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
96194	1435	336	$\frac{1}{42}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{336}^{6}\,\Phi_{112}^{6}\,\Phi_{84}^{6}\,\Phi_{48}^{5}\,\Phi_{42}^{5}\,\Phi_{28}^{6}\,\Phi_{21}^{5}\,\Phi_{16}^{5}\,\Phi_{14}^{5}\,\Phi_{12}^{5}\,\Phi_{7}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
96195	1435	528	$\frac{1}{24}$	$\frac{23}{264}$	$\frac{1}{6}$	$\frac{241}{528}$	$\Phi_{528}^{5}\,\Phi_{176}^{5}\,\Phi_{48}^{5}\,\Phi_{24}^{5}\,\Phi_{16}^{5}\,\Phi_{12}^{5}\,\Phi_{8}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
96196	1435	1344	$\frac{1}{42}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{1344}^{2}\,\Phi_{448}^{2}\,\Phi_{192}^{2}\,\Phi_{84}^{2}\,\Phi_{64}\,\Phi_{42}\,\Phi_{28}^{2}\,\Phi_{21}\,\Phi_{14}\,\Phi_{12}^{2}\,\Phi_{7}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
96197	1435	2592	$\frac{5}{144}$	$\frac{139}{1296}$	$\frac{1}{6}$	$\frac{1157}{2592}$	$\Phi_{2592}\,\Phi_{864}\,\Phi_{288}\,\Phi_{144}\,\Phi_{96}\,\Phi_{72}\,\Phi_{48}\,\Phi_{36}\,\Phi_{32}\,\Phi_{24}\,\Phi_{18}\,\Phi_{16}\,\Phi_{12}\,\Phi_{9}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
96198	1435	1536	$\frac{1}{32}$	$\frac{31}{256}$	$\frac{1}{6}$	$\frac{225}{512}$	$\Phi_{1536}^{2}\,\Phi_{512}\,\Phi_{96}^{2}\,\Phi_{48}^{2}\,\Phi_{32}\,\Phi_{24}^{2}\,\Phi_{16}\,\Phi_{12}^{2}\,\Phi_{8}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
96199	1435	239	$\frac{8}{239}$	$\frac{33}{239}$	$\frac{34}{239}$	$\frac{103}{239}$	$\Phi_{239}^{6}\,\Phi_{1}^{7}$
96200	1435	72	$\frac{1}{36}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{72}^{35}\,\Phi_{36}^{5}\,\Phi_{24}^{35}\,\Phi_{18}^{5}\,\Phi_{12}^{5}\,\Phi_{9}^{5}\,\Phi_{8}^{35}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
96201	1435	828	$\frac{2}{207}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{828}^{3}\,\Phi_{276}^{3}\,\Phi_{207}\,\Phi_{92}^{3}\,\Phi_{69}\,\Phi_{36}^{3}\,\Phi_{23}\,\Phi_{12}\,\Phi_{9}\,\Phi_{4}\,\Phi_{1}$
96202	1435	612	$\frac{1}{102}$	$\frac{1}{6}$	$\frac{101}{306}$	$\frac{5}{12}$	$\Phi_{612}^{6}\,\Phi_{306}\,\Phi_{153}\,\Phi_{36}^{6}\,\Phi_{18}\,\Phi_{12}\,\Phi_{9}\,\Phi_{4}\,\Phi_{1}$
96203	1435	624	$\frac{3}{208}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{624}^{2}\,\Phi_{312}^{2}\,\Phi_{208}^{3}\,\Phi_{156}^{2}\,\Phi_{104}^{3}\,\Phi_{78}^{2}\,\Phi_{52}^{3}\,\Phi_{48}^{2}\,\Phi_{39}^{2}\,\Phi_{26}^{3}\,\Phi_{24}^{2}\,\Phi_{16}^{3}\,\Phi_{13}^{3}\,\Phi_{12}\,\Phi_{8}^{3}\,\Phi_{4}\,\Phi_{1}$
96204	1435	816	$\frac{1}{68}$	$\frac{1}{6}$	$\frac{67}{272}$	$\frac{5}{12}$	$\Phi_{816}^{2}\,\Phi_{408}^{2}\,\Phi_{272}^{3}\,\Phi_{136}^{3}\,\Phi_{48}^{2}\,\Phi_{24}^{2}\,\Phi_{16}^{3}\,\Phi_{12}\,\Phi_{8}^{3}\,\Phi_{4}\,\Phi_{1}$
96205	1435	204	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{10}{51}$	$\frac{5}{12}$	$\Phi_{204}^{12}\,\Phi_{68}^{12}\,\Phi_{51}^{4}\,\Phi_{17}^{4}\,\Phi_{12}^{13}\,\Phi_{4}^{13}\,\Phi_{3}^{4}\,\Phi_{1}^{5}$
96206	1435	84	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{84}^{30}\,\Phi_{42}^{5}\,\Phi_{28}^{30}\,\Phi_{21}^{5}\,\Phi_{14}^{5}\,\Phi_{12}^{25}\,\Phi_{7}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{25}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
96207	1435	144	$\frac{1}{36}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{144}^{12}\,\Phi_{72}^{12}\,\Phi_{48}^{11}\,\Phi_{36}^{5}\,\Phi_{24}^{11}\,\Phi_{18}^{5}\,\Phi_{16}^{11}\,\Phi_{12}^{5}\,\Phi_{9}^{5}\,\Phi_{8}^{11}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
96208	1435	1428	$\frac{1}{34}$	$\frac{33}{238}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1428}^{2}\,\Phi_{476}^{2}\,\Phi_{238}\,\Phi_{119}\,\Phi_{84}^{2}\,\Phi_{28}^{2}\,\Phi_{14}\,\Phi_{12}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
96209	1435	1632	$\frac{7}{204}$	$\frac{197}{1632}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1632}\,\Phi_{816}\,\Phi_{544}\,\Phi_{408}\,\Phi_{272}\,\Phi_{136}\,\Phi_{96}\,\Phi_{48}\,\Phi_{32}\,\Phi_{24}\,\Phi_{16}\,\Phi_{12}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
96210	1435	216	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{216}^{7}\,\Phi_{108}^{7}\,\Phi_{72}^{7}\,\Phi_{54}^{7}\,\Phi_{36}^{7}\,\Phi_{27}^{7}\,\Phi_{24}^{7}\,\Phi_{18}^{7}\,\Phi_{12}\,\Phi_{9}^{7}\,\Phi_{8}^{7}\,\Phi_{4}\,\Phi_{1}$
96211	1435	2652	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2652}\,\Phi_{884}\,\Phi_{221}\,\Phi_{156}\,\Phi_{52}\,\Phi_{13}\,\Phi_{12}\,\Phi_{4}\,\Phi_{1}$
96212	1435	1260	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{1260}\,\Phi_{630}\,\Phi_{420}\,\Phi_{315}\,\Phi_{252}^{2}\,\Phi_{210}\,\Phi_{180}\,\Phi_{140}\,\Phi_{126}^{2}\,\Phi_{105}\,\Phi_{90}\,\Phi_{84}^{2}\,\Phi_{63}^{2}\,\Phi_{60}\,\Phi_{45}\,\Phi_{42}^{2}\,\Phi_{36}\,\Phi_{35}\,\Phi_{30}\,\Phi_{28}^{2}\,\Phi_{21}^{2}\,\Phi_{20}\,\Phi_{18}\,\Phi_{15}\,\Phi_{14}\,\Phi_{12}\,\Phi_{9}\,\Phi_{7}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
96213	1435	480	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{47}{240}$	$\frac{193}{480}$	$\Phi_{480}^{5}\,\Phi_{160}^{5}\,\Phi_{96}^{5}\,\Phi_{48}^{5}\,\Phi_{32}^{5}\,\Phi_{24}^{5}\,\Phi_{16}^{5}\,\Phi_{12}^{5}\,\Phi_{8}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
96214	1435	2304	$\frac{5}{288}$	$\frac{1}{6}$	$\frac{283}{1152}$	$\frac{869}{2304}$	$\Phi_{2304}\,\Phi_{768}\,\Phi_{288}\,\Phi_{256}\,\Phi_{144}\,\Phi_{96}\,\Phi_{72}\,\Phi_{48}\,\Phi_{36}\,\Phi_{32}\,\Phi_{24}\,\Phi_{18}\,\Phi_{16}\,\Phi_{12}\,\Phi_{9}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
96215	1435	3432	$\frac{1}{143}$	$\frac{1}{4}$	$\frac{142}{429}$	$\frac{3}{8}$	$\Phi_{3432}\,\Phi_{429}\,\Phi_{312}\,\Phi_{264}\,\Phi_{39}\,\Phi_{33}\,\Phi_{24}\,\Phi_{8}\,\Phi_{3}\,\Phi_{1}$
96216	1435	1144	$\frac{3}{143}$	$\frac{20}{143}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1144}^{2}\,\Phi_{143}^{2}\,\Phi_{104}^{2}\,\Phi_{88}^{2}\,\Phi_{13}^{2}\,\Phi_{11}^{2}\,\Phi_{8}^{3}\,\Phi_{1}^{3}$
96217	1435	168	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^{8}\,\Phi_{84}^{10}\,\Phi_{56}^{8}\,\Phi_{42}^{9}\,\Phi_{28}^{10}\,\Phi_{24}^{8}\,\Phi_{21}^{9}\,\Phi_{14}^{9}\,\Phi_{12}^{10}\,\Phi_{8}^{4}\,\Phi_{7}^{9}\,\Phi_{6}^{9}\,\Phi_{4}^{5}\,\Phi_{3}^{9}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
96218	1435	2376	$\frac{10}{297}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2376}\,\Phi_{792}\,\Phi_{297}\,\Phi_{264}\,\Phi_{216}\,\Phi_{99}\,\Phi_{72}\,\Phi_{33}\,\Phi_{27}\,\Phi_{24}\,\Phi_{9}\,\Phi_{8}\,\Phi_{3}\,\Phi_{1}$
96219	1435	312	$\frac{1}{26}$	$\frac{25}{312}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^{5}\,\Phi_{156}^{5}\,\Phi_{104}^{3}\,\Phi_{78}^{5}\,\Phi_{52}^{5}\,\Phi_{39}^{5}\,\Phi_{26}^{4}\,\Phi_{24}^{5}\,\Phi_{13}^{4}\,\Phi_{12}^{5}\,\Phi_{8}^{4}\,\Phi_{6}^{5}\,\Phi_{4}^{5}\,\Phi_{3}^{5}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
96220	1435	2392	$\frac{12}{299}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2392}\,\Phi_{299}\,\Phi_{184}\,\Phi_{23}\,\Phi_{8}\,\Phi_{1}$
96221	1435	88	$\frac{1}{22}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{88}^{26}\,\Phi_{44}^{7}\,\Phi_{22}^{6}\,\Phi_{11}^{6}\,\Phi_{8}^{27}\,\Phi_{4}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
96222	1435	378	$\frac{1}{42}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{378}^{3}\,\Phi_{189}^{3}\,\Phi_{126}^{6}\,\Phi_{63}^{6}\,\Phi_{54}^{2}\,\Phi_{42}^{5}\,\Phi_{27}^{3}\,\Phi_{21}^{5}\,\Phi_{18}^{5}\,\Phi_{14}^{5}\,\Phi_{9}^{5}\,\Phi_{7}^{5}\,\Phi_{6}^{4}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
96223	1435	432	$\frac{1}{72}$	$\frac{1}{6}$	$\frac{71}{216}$	$\frac{145}{432}$	$\Phi_{432}^{5}\,\Phi_{144}^{5}\,\Phi_{72}^{5}\,\Phi_{48}^{5}\,\Phi_{36}^{5}\,\Phi_{24}^{5}\,\Phi_{18}^{5}\,\Phi_{16}^{5}\,\Phi_{12}^{5}\,\Phi_{9}^{5}\,\Phi_{8}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
96224	1435	207	$\frac{2}{207}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{207}^{7}\,\Phi_{69}^{7}\,\Phi_{23}^{7}\,\Phi_{9}^{5}\,\Phi_{3}^{6}\,\Phi_{1}^{7}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
96225	1435	306	$\frac{1}{102}$	$\frac{2}{9}$	$\frac{101}{306}$	$\frac{1}{3}$	$\Phi_{306}^{4}\,\Phi_{153}^{4}\,\Phi_{102}^{6}\,\Phi_{51}^{6}\,\Phi_{34}^{6}\,\Phi_{18}^{4}\,\Phi_{17}^{6}\,\Phi_{9}^{5}\,\Phi_{6}^{6}\,\Phi_{3}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
96226	1435	1872	$\frac{3}{208}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1872}\,\Phi_{936}\,\Phi_{468}\,\Phi_{234}\,\Phi_{208}\,\Phi_{144}\,\Phi_{117}\,\Phi_{104}\,\Phi_{72}\,\Phi_{52}\,\Phi_{26}\,\Phi_{16}\,\Phi_{13}\,\Phi_{9}\,\Phi_{8}\,\Phi_{1}$
96227	1435	2448	$\frac{1}{68}$	$\frac{2}{9}$	$\frac{67}{272}$	$\frac{1}{3}$	$\Phi_{2448}\,\Phi_{1224}\,\Phi_{272}\,\Phi_{144}\,\Phi_{136}\,\Phi_{72}\,\Phi_{16}\,\Phi_{9}\,\Phi_{8}\,\Phi_{1}$
96228	1435	153	$\frac{1}{51}$	$\frac{10}{51}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{153}^{12}\,\Phi_{51}^{4}\,\Phi_{17}^{4}\,\Phi_{9}^{13}\,\Phi_{3}^{4}\,\Phi_{1}^{5}$
96229	1435	126	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{126}^{15}\,\Phi_{63}^{15}\,\Phi_{42}^{5}\,\Phi_{21}^{5}\,\Phi_{18}^{12}\,\Phi_{14}^{5}\,\Phi_{9}^{13}\,\Phi_{7}^{5}\,\Phi_{6}^{4}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
96230	1435	2142	$\frac{1}{34}$	$\frac{33}{238}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2142}\,\Phi_{1071}\,\Phi_{238}\,\Phi_{126}\,\Phi_{119}\,\Phi_{63}\,\Phi_{14}\,\Phi_{9}\,\Phi_{7}\,\Phi_{1}$
96231	1435	216	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{216}^{7}\,\Phi_{108}^{7}\,\Phi_{72}^{7}\,\Phi_{54}^{7}\,\Phi_{36}^{4}\,\Phi_{27}^{7}\,\Phi_{24}^{7}\,\Phi_{18}^{4}\,\Phi_{12}^{6}\,\Phi_{9}^{5}\,\Phi_{8}^{7}\,\Phi_{6}^{6}\,\Phi_{4}^{6}\,\Phi_{3}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
96232	1435	1989	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1989}\,\Phi_{221}\,\Phi_{117}\,\Phi_{13}\,\Phi_{9}\,\Phi_{1}$
96233	1435	342	$\frac{2}{57}$	$\frac{55}{342}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{342}^{5}\,\Phi_{171}^{5}\,\Phi_{114}^{2}\,\Phi_{57}^{3}\,\Phi_{38}^{2}\,\Phi_{19}^{3}\,\Phi_{18}^{5}\,\Phi_{9}^{5}\,\Phi_{6}^{4}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
96234	1435	300	$\frac{13}{300}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{300}^{5}\,\Phi_{150}^{5}\,\Phi_{100}^{5}\,\Phi_{75}^{5}\,\Phi_{60}^{5}\,\Phi_{50}^{5}\,\Phi_{30}^{2}\,\Phi_{25}^{5}\,\Phi_{20}^{5}\,\Phi_{15}^{3}\,\Phi_{12}^{5}\,\Phi_{10}^{2}\,\Phi_{6}^{4}\,\Phi_{5}^{3}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
96235	1435	1728	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{293}{1728}$	$\frac{139}{432}$	$\Phi_{1728}\,\Phi_{864}\,\Phi_{576}\,\Phi_{288}\,\Phi_{192}\,\Phi_{144}\,\Phi_{96}\,\Phi_{72}\,\Phi_{64}\,\Phi_{48}\,\Phi_{36}\,\Phi_{32}\,\Phi_{24}\,\Phi_{18}\,\Phi_{16}\,\Phi_{12}\,\Phi_{9}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
96236	1435	1020	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{19}{60}$	$\Phi_{1020}\,\Phi_{510}\,\Phi_{340}^{2}\,\Phi_{255}\,\Phi_{204}\,\Phi_{170}^{2}\,\Phi_{102}\,\Phi_{85}^{2}\,\Phi_{68}^{2}\,\Phi_{60}^{2}\,\Phi_{51}^{2}\,\Phi_{34}^{2}\,\Phi_{30}^{2}\,\Phi_{20}^{2}\,\Phi_{17}^{2}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{10}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
96237	1435	1020	$\frac{1}{20}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{19}{60}$	$\Phi_{1020}^{2}\,\Phi_{510}^{2}\,\Phi_{255}^{2}\,\Phi_{204}^{2}\,\Phi_{102}^{2}\,\Phi_{60}^{3}\,\Phi_{51}^{2}\,\Phi_{30}^{3}\,\Phi_{17}^{2}\,\Phi_{15}^{3}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
96238	1435	120	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{19}{60}$	$\Phi_{120}^{12}\,\Phi_{60}^{9}\,\Phi_{40}^{16}\,\Phi_{30}^{9}\,\Phi_{24}^{14}\,\Phi_{20}^{12}\,\Phi_{15}^{9}\,\Phi_{12}^{11}\,\Phi_{10}^{12}\,\Phi_{8}^{17}\,\Phi_{6}^{10}\,\Phi_{5}^{12}\,\Phi_{4}^{13}\,\Phi_{3}^{10}\,\Phi_{2}^{12}\,\Phi_{1}^{13}$
96239	1435	324	$\frac{1}{18}$	$\frac{37}{324}$	$\frac{1}{6}$	$\frac{17}{54}$	$\Phi_{324}^{5}\,\Phi_{162}^{5}\,\Phi_{108}^{5}\,\Phi_{81}^{5}\,\Phi_{36}^{5}\,\Phi_{18}^{5}\,\Phi_{12}^{5}\,\Phi_{9}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
96240	1435	2244	$\frac{1}{17}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{2244}\,\Phi_{1122}\,\Phi_{561}\,\Phi_{132}\,\Phi_{66}\,\Phi_{51}\,\Phi_{44}\,\Phi_{33}\,\Phi_{22}\,\Phi_{11}\,\Phi_{3}\,\Phi_{1}$
96241	1435	765	$\frac{1}{17}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{16}{51}$	$\Phi_{765}^{2}\,\Phi_{255}\,\Phi_{153}^{2}\,\Phi_{85}^{2}\,\Phi_{51}^{2}\,\Phi_{45}^{3}\,\Phi_{17}^{2}\,\Phi_{15}^{2}\,\Phi_{9}^{3}\,\Phi_{5}^{2}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
96242	1435	2550	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{16}{51}$	$\Phi_{2550}\,\Phi_{1275}\,\Phi_{150}\,\Phi_{75}\,\Phi_{51}\,\Phi_{50}\,\Phi_{25}\,\Phi_{3}\,\Phi_{1}$
96243	1435	816	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{16}{51}$	$\Phi_{816}^{2}\,\Phi_{408}\,\Phi_{272}^{2}\,\Phi_{204}\,\Phi_{136}^{2}\,\Phi_{102}\,\Phi_{68}^{2}\,\Phi_{51}^{2}\,\Phi_{48}^{3}\,\Phi_{34}^{2}\,\Phi_{24}^{2}\,\Phi_{17}^{2}\,\Phi_{16}^{3}\,\Phi_{12}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
96244	1435	288	$\frac{5}{96}$	$\frac{13}{96}$	$\frac{1}{6}$	$\frac{83}{288}$	$\Phi_{288}^{7}\,\Phi_{144}^{7}\,\Phi_{96}\,\Phi_{72}^{7}\,\Phi_{48}\,\Phi_{36}^{7}\,\Phi_{32}\,\Phi_{24}\,\Phi_{18}^{7}\,\Phi_{16}\,\Phi_{12}\,\Phi_{9}^{7}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
96245	1435	216	$\frac{11}{216}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{216}^{7}\,\Phi_{108}^{6}\,\Phi_{72}^{7}\,\Phi_{54}^{6}\,\Phi_{36}^{7}\,\Phi_{27}^{6}\,\Phi_{24}^{7}\,\Phi_{18}^{7}\,\Phi_{12}^{7}\,\Phi_{9}^{7}\,\Phi_{8}^{7}\,\Phi_{6}^{6}\,\Phi_{4}^{7}\,\Phi_{3}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
96246	1435	108	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{108}^{18}\,\Phi_{54}^{17}\,\Phi_{36}^{5}\,\Phi_{27}^{17}\,\Phi_{18}^{5}\,\Phi_{12}^{5}\,\Phi_{9}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
96247	1435	336	$\frac{1}{42}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{336}^{4}\,\Phi_{168}^{4}\,\Phi_{112}^{4}\,\Phi_{84}^{6}\,\Phi_{56}^{4}\,\Phi_{48}^{3}\,\Phi_{42}^{5}\,\Phi_{28}^{6}\,\Phi_{24}^{3}\,\Phi_{21}^{5}\,\Phi_{16}^{4}\,\Phi_{14}^{5}\,\Phi_{12}^{5}\,\Phi_{8}^{4}\,\Phi_{7}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
96248	1435	384	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{31}{128}$	$\frac{97}{384}$	$\Phi_{384}^{3}\,\Phi_{192}^{3}\,\Phi_{128}^{4}\,\Phi_{96}^{5}\,\Phi_{64}^{4}\,\Phi_{48}^{5}\,\Phi_{32}^{5}\,\Phi_{24}^{5}\,\Phi_{16}^{5}\,\Phi_{12}^{5}\,\Phi_{8}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
96249	1435	748	$\frac{3}{44}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{748}^{2}\,\Phi_{374}^{2}\,\Phi_{187}^{2}\,\Phi_{44}^{3}\,\Phi_{22}^{3}\,\Phi_{17}^{2}\,\Phi_{11}^{3}\,\Phi_{1}^{3}$
96250	1435	264	$\frac{3}{44}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{264}^{8}\,\Phi_{132}^{6}\,\Phi_{88}^{4}\,\Phi_{66}^{6}\,\Phi_{44}^{3}\,\Phi_{33}^{6}\,\Phi_{24}^{2}\,\Phi_{22}^{3}\,\Phi_{12}^{2}\,\Phi_{11}^{3}\,\Phi_{8}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
96251	1435	1872	$\frac{31}{468}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{437}{1872}$	$\Phi_{1872}\,\Phi_{936}\,\Phi_{624}\,\Phi_{312}\,\Phi_{208}\,\Phi_{144}\,\Phi_{104}\,\Phi_{72}\,\Phi_{48}\,\Phi_{36}\,\Phi_{24}\,\Phi_{18}\,\Phi_{16}\,\Phi_{12}\,\Phi_{9}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
96252	1435	360	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{17}{90}$	$\frac{73}{360}$	$\Phi_{360}^{5}\,\Phi_{180}^{5}\,\Phi_{120}^{5}\,\Phi_{72}^{5}\,\Phi_{60}^{5}\,\Phi_{40}^{5}\,\Phi_{36}^{5}\,\Phi_{24}^{5}\,\Phi_{20}^{5}\,\Phi_{18}^{5}\,\Phi_{12}^{5}\,\Phi_{9}^{5}\,\Phi_{8}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
96253	1435	765	$\frac{4}{45}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{5}$	$\Phi_{765}^{2}\,\Phi_{255}^{2}\,\Phi_{153}^{2}\,\Phi_{51}^{2}\,\Phi_{45}^{3}\,\Phi_{17}^{2}\,\Phi_{15}^{3}\,\Phi_{9}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
96254	1435	360	$\frac{4}{45}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{360}^{5}\,\Phi_{180}^{5}\,\Phi_{120}^{3}\,\Phi_{90}^{2}\,\Phi_{72}^{5}\,\Phi_{60}^{3}\,\Phi_{45}^{3}\,\Phi_{40}^{4}\,\Phi_{36}^{5}\,\Phi_{30}\,\Phi_{24}^{5}\,\Phi_{20}^{4}\,\Phi_{18}^{2}\,\Phi_{15}^{2}\,\Phi_{12}^{5}\,\Phi_{10}^{2}\,\Phi_{9}^{3}\,\Phi_{8}^{5}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{5}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
96255	1435	850	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{9}{50}$	$\Phi_{850}^{2}\,\Phi_{425}^{2}\,\Phi_{50}^{3}\,\Phi_{25}^{3}\,\Phi_{17}^{2}\,\Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
96256	1435	600	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{9}{50}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{50}\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
96257	1435	816	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{3}{17}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{17}^2\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
96258	1435	960	$\frac{33}{320}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{40}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}\ \Phi_{96}^2\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
96259	1435	48	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{6}$	$\Phi_{48}^{35}\ \Phi_{24}^{23}\ \Phi_{16}^{35}\ \Phi_{12}^{23}\ \Phi_8^{29}\ \Phi_6^{22}\ \Phi_4^{29}\ \Phi_3^{22}\ \Phi_2^{28}\ \Phi_1^{29}$
96260	1436	2148	$\frac{1}{358}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{357}{716}$	$\Phi_{2148}\ \Phi_{716}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
96261	1436	574	$\frac{1}{287}$	$\frac{72}{287}$	$\frac{215}{574}$	$\frac{143}{287}$	$\Phi_{574}^4\ \Phi_{287}\ \Phi_{82}^4\ \Phi_{41}\ \Phi_{14}^4\ \Phi_7\ \Phi_2^4\ \Phi_1^2$
96262	1436	715	$\frac{3}{715}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{356}{715}$	$\Phi_{715}^2\ \Phi_{143}^2\ \Phi_{65}^2\ \Phi_{55}^2\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_5^3\ \Phi_1^4$
96263	1436	615	$\frac{1}{205}$	$\frac{103}{615}$	$\frac{256}{615}$	$\frac{102}{205}$	$\Phi_{615}^2\ \Phi_{205}^3\ \Phi_{123}^2\ \Phi_{41}^3\ \Phi_{15}^2\ \Phi_5^3\ \Phi_3^2\ \Phi_1^4$
96264	1436	714	$\frac{2}{357}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{355}{714}$	$\Phi_{714}^4\ \Phi_{238}^4\ \Phi_{102}^4\ \Phi_{42}^4\ \Phi_{34}^4\ \Phi_{14}^4\ \Phi_7\ \Phi_6^4\ \Phi_2^4\ \Phi_1^2$
96265	1436	3570	$\frac{2}{357}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{355}{714}$	$\Phi_{3570}\ \Phi_{1190}\ \Phi_{510}\ \Phi_{210}\ \Phi_{170}\ \Phi_{70}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
96266	1436	1425	$\frac{11}{1425}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{707}{1425}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{285}\ \Phi_{95}\ \Phi_{75}\ \Phi_{57}\ \Phi_{25}\ \Phi_{19}\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
96267	1436	480	$\frac{1}{120}$	$\frac{1}{5}$	$\frac{121}{480}$	$\frac{119}{240}$	$\Phi_{480}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
96268	1436	3560	$\frac{3}{356}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{353}{712}$	$\Phi_{3560}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
96269	1436	710	$\frac{4}{355}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{351}{710}$	$\Phi_{710}^4\ \Phi_{142}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
96270	1436	2160	$\frac{1}{72}$	$\frac{73}{432}$	$\frac{1}{5}$	$\frac{71}{144}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
96271	1436	3540	$\frac{5}{354}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{349}{708}$	$\Phi_{3540}\ \Phi_{1180}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
96272	1436	705	$\frac{13}{705}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{346}{705}$	$\Phi_{705}^2\ \Phi_{235}^2\ \Phi_{141}^2\ \Phi_{47}^2\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
96273	1436	3520	$\frac{7}{352}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{345}{704}$	$\Phi_{3520}\ \Phi_{320}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
96274	1436	3510	$\frac{8}{351}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{343}{702}$	$\Phi_{3510}\ \Phi_{1170}\ \Phi_{390}\ \Phi_{270}\ \Phi_{130}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
96275	1436	697	$\frac{1}{41}$	$\frac{21}{697}$	$\frac{338}{697}$	$\frac{20}{41}$	$\Phi_{697}^2\ \Phi_{41}^3\ \Phi_{17}^2\ \Phi_1^4$
96276	1436	400	$\frac{1}{40}$	$\frac{41}{400}$	$\frac{1}{5}$	$\frac{39}{80}$	$\Phi_{400}^4\ \Phi_{200}^4\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{40}^4\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
96277	1436	700	$\frac{9}{350}$	$\frac{1}{35}$	$\frac{17}{35}$	$\frac{341}{700}$	$\Phi_{700}^4\ \Phi_{140}^4\ \Phi_{100}^4\ \Phi_{35}\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_7\ \Phi_5\ \Phi_4^4\ \Phi_1^2$
96278	1436	700	$\frac{9}{350}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{341}{700}$	$\Phi_{700}^4\ \Phi_{140}^4\ \Phi_{100}^4\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
96279	1436	525	$\frac{1}{35}$	$\frac{9}{175}$	$\frac{166}{525}$	$\frac{17}{35}$	$\Phi_{525}^4\ \Phi_{105}^4\ \Phi_{75}^4\ \Phi_{35}\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_7\ \Phi_5\ \Phi_3^4\ \Phi_1^2$
96280	1436	385	$\frac{1}{35}$	$\frac{26}{385}$	$\frac{9}{35}$	$\frac{17}{35}$	$\Phi_{385}^4\ \Phi_{77}^4\ \Phi_{55}^4\ \Phi_{35}\ \Phi_{11}^4\ \Phi_7\ \Phi_5\ \Phi_1^2$
96281	1436	875	$\frac{1}{35}$	$\frac{18}{175}$	$\frac{157}{875}$	$\frac{17}{35}$	$\Phi_{875}^2\ \Phi_{125}^2\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
96282	1436	420	$\frac{1}{35}$	$\frac{9}{70}$	$\frac{61}{420}$	$\frac{17}{35}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_7\ \Phi_6^4\ \Phi_5\ \Phi_4^4\ \Phi_3^4\ \Phi_1^2$
96283	1436	1395	$\frac{41}{1395}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{677}{1395}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}\ \Phi_{155}\ \Phi_{93}\ \Phi_{45}^2\ \Phi_{31}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
96284	1436	3480	$\frac{11}{348}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{337}{696}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
96285	1436	690	$\frac{14}{345}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{331}{690}$	$\Phi_{690}^4\ \Phi_{230}^4\ \Phi_{138}^4\ \Phi_{46}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
96286	1436	1920	$\frac{1}{24}$	$\frac{25}{384}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{160}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
96287	1436	3420	$\frac{17}{342}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{325}{684}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{380}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
96288	1436	1365	$\frac{1}{35}$	$\frac{71}{1365}$	$\frac{34}{105}$	$\frac{647}{1365}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}^2\ \Phi_{91}\ \Phi_{65}\ \Phi_{39}\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
96289	1436	680	$\frac{1}{20}$	$\frac{19}{340}$	$\frac{1}{5}$	$\frac{321}{680}$	$\Phi_{680}^4\ \Phi_{136}^4\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
96290	1436	1353	$\frac{1}{41}$	$\frac{83}{1353}$	$\frac{40}{123}$	$\frac{635}{1353}$	$\Phi_{1353}\ \Phi_{451}\ \Phi_{123}^2\ \Phi_{41}\ \Phi_{33}\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
96291	1436	675	$\frac{2}{45}$	$\frac{43}{675}$	$\frac{1}{5}$	$\frac{316}{675}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}^2\ \Phi_{75}^2\ \Phi_{45}^4\ \Phi_{27}^2\ \Phi_{25}^2\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
96292	1436	3360	$\frac{1}{24}$	$\frac{23}{336}$	$\frac{1}{5}$	$\frac{313}{672}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{480}\ \Phi_{160}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
96293	1436	490	$\frac{1}{35}$	$\frac{17}{245}$	$\frac{131}{490}$	$\frac{114}{245}$	$\Phi_{490}^4\ \Phi_{245}^2\ \Phi_{98}^4\ \Phi_{70}^4\ \Phi_{49}^2\ \Phi_{35}\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7\ \Phi_5\ \Phi_2^4\ \Phi_1^2$
96294	1436	369	$\frac{10}{369}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{369}^4\ \Phi_{123}^4\ \Phi_{41}^3\ \Phi_9^4\ \Phi_3^4\ \Phi_1^4$
96295	1436	492	$\frac{1}{41}$	$\frac{10}{123}$	$\frac{133}{492}$	$\frac{113}{246}$	$\Phi_{492}^4\ \Phi_{164}^4\ \Phi_{123}^4\ \Phi_{41}^3\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
96296	1436	660	$\frac{1}{30}$	$\frac{29}{330}$	$\frac{1}{5}$	$\frac{301}{660}$	$\Phi_{660}^4\ \Phi_{220}^4\ \Phi_{132}^4\ \Phi_{60}^4\ \Phi_{44}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
96297	1436	656	$\frac{1}{41}$	$\frac{31}{328}$	$\frac{10}{41}$	$\frac{297}{656}$	$\Phi_{656}^4\ \Phi_{41}^3\ \Phi_{16}^4\ \Phi_1^4$
96298	1436	3240	$\frac{1}{36}$	$\frac{35}{324}$	$\frac{1}{5}$	$\frac{289}{648}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
96299	1436	640	$\frac{1}{40}$	$\frac{39}{320}$	$\frac{1}{5}$	$\frac{281}{640}$	$\Phi_{640}^4\ \Phi_{128}^4\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
96300	1436	1840	$\frac{9}{368}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{115}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
96301	1436	630	$\frac{1}{45}$	$\frac{44}{315}$	$\frac{1}{5}$	$\frac{271}{630}$	$\Phi_{630}^4\ \Phi_{210}^4\ \Phi_{126}^4\ \Phi_{90}^4\ \Phi_{70}^4\ \Phi_{45}^4\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
96302	1436	630	$\frac{1}{35}$	$\frac{44}{315}$	$\frac{17}{105}$	$\frac{271}{630}$	$\Phi_{630}^4\ \Phi_{210}^4\ \Phi_{126}^4\ \Phi_{105}^2\ \Phi_{90}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}\ \Phi_{30}^4\ \Phi_{21}^2\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7\ \Phi_6^4\ \Phi_5\ \Phi_3^2\ \Phi_2^4\ \Phi_1^2$
96303	1436	1071	$\frac{4}{357}$	$\frac{1}{7}$	$\frac{353}{1071}$	$\frac{3}{7}$	$\Phi_{1071}^2\ \Phi_{153}^2\ \Phi_{63}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
96304	1436	364	$\frac{5}{364}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{364}^4\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{52}^4\ \Phi_{28}^4\ \Phi_{26}^4\ \Phi_{14}^4\ \Phi_{13}^4\ \Phi_7\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
96305	1436	476	$\frac{2}{119}$	$\frac{1}{7}$	$\frac{117}{476}$	$\frac{3}{7}$	$\Phi_{476}^4\ \Phi_{238}^4\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_7\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
96306	1436	735	$\frac{17}{735}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}^2\ \Phi_{105}^2\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
96307	1436	833	$\frac{4}{119}$	$\frac{115}{833}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{833}^2\ \Phi_{49}^2\ \Phi_7\ \Phi_1^2$
96308	1436	378	$\frac{19}{378}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{126}^4\ \Phi_{63}^4\ \Phi_{54}^4\ \Phi_{42}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^4\ \Phi_7\ \Phi_6^4\ \Phi_2^4\ \Phi_1^2$
96309	1436	420	$\frac{1}{35}$	$\frac{61}{420}$	$\frac{17}{105}$	$\frac{44}{105}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^2\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_7\ \Phi_6^4\ \Phi_5\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^2$
96310	1436	615	$\frac{1}{41}$	$\frac{20}{123}$	$\frac{103}{615}$	$\frac{256}{615}$	$\Phi_{615}^2\ \Phi_{205}^2\ \Phi_{123}^4\ \Phi_{41}^3\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
96311	1436	1225	$\frac{1}{35}$	$\frac{34}{245}$	$\frac{211}{1225}$	$\frac{507}{1225}$	$\Phi_{1225}\ \Phi_{245}^2\ \Phi_{175}\ \Phi_{49}^2\ \Phi_{35}\ \Phi_{25}\ \Phi_7\ \Phi_5\ \Phi_1^2$
96312	1436	600	$\frac{1}{60}$	$\frac{59}{300}$	$\frac{1}{5}$	$\frac{241}{600}$	$\Phi_{600}^4\ \Phi_{200}^4\ \Phi_{120}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
96313	1436	390	$\frac{3}{65}$	$\frac{31}{390}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{65}^2\ \Phi_{39}^4\ \Phi_{30}^4\ \Phi_{26}^4\ \Phi_{15}^4\ \Phi_{13}^2\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
96314	1436	385	$\frac{3}{55}$	$\frac{26}{385}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{385}^4\ \Phi_{77}^4\ \Phi_{55}^2\ \Phi_{35}^4\ \Phi_{11}^2\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
96315	1436	410	$\frac{1}{41}$	$\frac{51}{410}$	$\frac{10}{41}$	$\frac{31}{82}$	$\Phi_{410}^4\ \Phi_{205}^4\ \Phi_{41}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_1^4$
96316	1436	2880	$\frac{1}{72}$	$\frac{1}{5}$	$\frac{71}{288}$	$\frac{217}{576}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{360}\ \Phi_{320}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
96317	1436	1107	$\frac{1}{41}$	$\frac{40}{369}$	$\frac{329}{1107}$	$\frac{389}{1107}$	$\Phi_{1107}\ \Phi_{369}^2\ \Phi_{123}^2\ \Phi_{41}\ \Phi_{27}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
96318	1436	540	$\frac{1}{90}$	$\frac{1}{5}$	$\frac{89}{270}$	$\frac{181}{540}$	$\Phi_{540}^4\ \Phi_{180}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
96319	1436	537	$\frac{1}{179}$	$\frac{178}{537}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{537}^3\ \Phi_{179}^2\ \Phi_3^4\ \Phi_1^4$
96320	1436	2040	$\frac{2}{51}$	$\frac{49}{408}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{340}\ \Phi_{170}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
96321	1436	1890	$\frac{19}{378}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{135}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
96322	1436	2160	$\frac{1}{36}$	$\frac{73}{432}$	$\frac{1}{5}$	$\frac{35}{108}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
96323	1436	2640	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{169}{528}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{240}\ \Phi_{165}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
96324	1436	405	$\frac{2}{45}$	$\frac{46}{405}$	$\frac{1}{5}$	$\frac{43}{135}$	$\Phi_{405}^4\ \Phi_{135}^2\ \Phi_{81}^4\ \Phi_{45}^4\ \Phi_{27}^2\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
96325	1436	1890	$\frac{19}{378}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
96326	1436	2520	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{1}{5}$	$\frac{145}{504}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{360}\ \Phi_{315}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
96327	1436	945	$\frac{1}{35}$	$\frac{17}{105}$	$\frac{227}{945}$	$\frac{88}{315}$	$\Phi_{945}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
96328	1436	492	$\frac{1}{41}$	$\frac{31}{164}$	$\frac{10}{41}$	$\frac{133}{492}$	$\Phi_{492}^4\ \Phi_{246}^4\ \Phi_{123}^4\ \Phi_{41}^3\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4\ \Phi_1^4$
96329	1436	855	$\frac{11}{285}$	$\frac{137}{855}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{855}^2\ \Phi_{285}\ \Phi_{171}^2\ \Phi_{95}\ \Phi_{57}\ \Phi_{45}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
96330	1436	375	$\frac{16}{375}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{375}^4\ \Phi_{125}^4\ \Phi_{75}^3\ \Phi_{25}^3\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
96331	1436	410	$\frac{9}{205}$	$\frac{51}{410}$	$\frac{49}{205}$	$\frac{52}{205}$	$\Phi_{410}^4\ \Phi_{205}^3\ \Phi_{82}^4\ \Phi_{41}^3\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
96332	1436	480	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{39}{160}$	$\frac{121}{480}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
96333	1436	2340	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{109}{468}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{180}\ \Phi_{130}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
96334	1436	1920	$\frac{25}{384}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
96335	1436	450	$\frac{2}{45}$	$\frac{43}{225}$	$\frac{1}{5}$	$\frac{91}{450}$	$\Phi_{450}^4\ \Phi_{225}^2\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^2\ \Phi_{50}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{25}^2\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
96336	1436	440	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{81}{440}$	$\frac{1}{5}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{88}^4\ \Phi_{55}^3\ \Phi_{44}^4\ \Phi_{40}^4\ \Phi_{22}^4\ \Phi_{20}^4\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
96337	1436	400	$\frac{1}{10}$	$\frac{41}{400}$	$\frac{9}{50}$	$\frac{1}{5}$	$\Phi_{400}^4\ \Phi_{200}^4\ \Phi_{100}^4\ \Phi_{80}^4\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
96338	1436	420	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{420}$	$\frac{1}{5}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
96339	1437	2864	$\frac{5}{1432}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1427}{2864}$	$\Phi_{2864}\ \Phi_{16}\ \Phi_8\ \Phi_1$
96340	1437	1908	$\frac{2}{477}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{475}{954}$	$\Phi_{1908}\ \Phi_{636}\ \Phi_{477}\ \Phi_{212}\ \Phi_{159}\ \Phi_{53}\ \Phi_{36}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
96341	1437	640	$\frac{1}{160}$	$\frac{1}{4}$	$\frac{161}{640}$	$\frac{159}{320}$	$\Phi_{640}^3\ \Phi_{160}^3\ \Phi_{128}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
96342	1437	952	$\frac{3}{476}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{473}{952}$	$\Phi_{952}^3\ \Phi_{136}^3\ \Phi_{56}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
96343	1437	1900	$\frac{4}{475}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{471}{950}$	$\Phi_{1900}\ \Phi_{475}\ \Phi_{380}\ \Phi_{100}\ \Phi_{95}\ \Phi_{76}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
96344	1437	2848	$\frac{13}{1424}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1411}{2848}$	$\Phi_{2848}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
96345	1437	576	$\frac{1}{96}$	$\frac{97}{576}$	$\frac{1}{4}$	$\frac{95}{192}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
96346	1437	948	$\frac{5}{474}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{469}{948}$	$\Phi_{948}\ \Phi_{474}^2\ \Phi_{316}\ \Phi_{237}^2\ \Phi_{158}^2\ \Phi_{79}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^3\ \Phi_1^3$
96347	1437	2840	$\frac{17}{1420}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1403}{2840}$	$\Phi_{2840}\ \Phi_{568}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
96348	1437	944	$\frac{7}{472}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{465}{944}$	$\Phi_{944}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
96349	1437	1600	$\frac{3}{160}$	$\frac{163}{1600}$	$\frac{1}{4}$	$\frac{157}{320}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
96350	1437	940	$\frac{9}{470}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{461}{940}$	$\Phi_{940}\ \Phi_{470}^2\ \Phi_{235}^2\ \Phi_{188}\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
96351	1437	2816	$\frac{29}{1408}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1379}{2816}$	$\Phi_{2816}\ \Phi_{256}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
96352	1437	936	$\frac{11}{468}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{457}{936}$	$\Phi_{936}^3\ \Phi_{312}^3\ \Phi_{104}^3\ \Phi_{72}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
96353	1437	2800	$\frac{37}{1400}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1363}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{112}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
96354	1437	1860	$\frac{14}{465}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{451}{930}$	$\Phi_{1860}\ \Phi_{620}\ \Phi_{465}\ \Phi_{372}\ \Phi_{155}\ \Phi_{124}\ \Phi_{93}\ \Phi_{60}^2\ \Phi_{31}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
96355	1437	512	$\frac{1}{32}$	$\frac{33}{512}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{512}^3\ \Phi_{256}^3\ \Phi_{128}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
96356	1437	928	$\frac{15}{464}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{449}{928}$	$\Phi_{928}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
96357	1437	920	$\frac{19}{460}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{441}{920}$	$\Phi_{920}^3\ \Phi_{184}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
96358	1437	912	$\frac{1}{24}$	$\frac{23}{456}$	$\frac{1}{4}$	$\frac{433}{912}$	$\Phi_{912}^3\ \Phi_{304}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
96359	1437	2720	$\frac{3}{80}$	$\frac{77}{1360}$	$\frac{1}{4}$	$\frac{1283}{2720}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
96360	1437	900	$\frac{1}{30}$	$\frac{29}{450}$	$\frac{1}{4}$	$\frac{421}{900}$	$\Phi_{900}\ \Phi_{450}^2\ \Phi_{300}\ \Phi_{225}^2\ \Phi_{180}\ \Phi_{150}^2\ \Phi_{100}\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}^3\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
96361	1437	896	$\frac{1}{32}$	$\frac{31}{448}$	$\frac{1}{4}$	$\frac{417}{896}$	$\Phi_{896}^3\ \Phi_{128}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
96362	1437	880	$\frac{1}{40}$	$\frac{39}{440}$	$\frac{1}{4}$	$\frac{401}{880}$	$\Phi_{880}^3\ \Phi_{176}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
96363	1437	1472	$\frac{35}{1472}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_{16}\ \Phi_8\ \Phi_1$
96364	1437	864	$\frac{1}{48}$	$\frac{47}{432}$	$\frac{1}{4}$	$\frac{385}{864}$	$\Phi_{864}^3\ \Phi_{288}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
96365	1437	2560	$\frac{3}{160}$	$\frac{157}{1280}$	$\frac{1}{4}$	$\frac{1123}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
96366	1437	840	$\frac{1}{60}$	$\frac{59}{420}$	$\frac{1}{4}$	$\frac{361}{840}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{60}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
96367	1437	800	$\frac{1}{80}$	$\frac{79}{400}$	$\frac{1}{4}$	$\frac{321}{800}$	$\Phi_{800}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
96368	1437	768	$\frac{1}{96}$	$\frac{95}{384}$	$\frac{1}{4}$	$\frac{289}{768}$	$\Phi_{768}^3\ \Phi_{256}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
96369	1437	720	$\frac{1}{120}$	$\frac{1}{4}$	$\frac{119}{360}$	$\frac{241}{720}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{144}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
96370	1437	636	$\frac{2}{159}$	$\frac{157}{636}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{636}^2\ \Phi_{318}^2\ \Phi_{212}^2\ \Phi_{159}^3\ \Phi_{106}^2\ \Phi_{53}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
96371	1437	972	$\frac{7}{486}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{972}^2\ \Phi_{486}\ \Phi_{324}^2\ \Phi_{243}\ \Phi_{162}\ \Phi_{108}^2\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
96372	1437	576	$\frac{1}{48}$	$\frac{97}{576}$	$\frac{1}{4}$	$\frac{47}{144}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
96373	1437	540	$\frac{1}{30}$	$\frac{61}{540}$	$\frac{1}{4}$	$\frac{29}{90}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{90}^2\ \Phi_{60}^3\ \Phi_{54}^3\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{30}^3\ \Phi_{27}^3\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
96374	1437	704	$\frac{29}{704}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{225}{704}$	$\Phi_{704}^2\ \Phi_{352}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{64}^2\ \Phi_{44}^2\ \Phi_{32}^3\ \Phi_{22}^2\ \Phi_{16}^3\ \Phi_{11}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
96375	1437	504	$\frac{25}{504}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
96376	1437	672	$\frac{1}{32}$	$\frac{31}{224}$	$\frac{1}{4}$	$\frac{193}{672}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{168}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
96377	1437	640	$\frac{3}{160}$	$\frac{157}{640}$	$\frac{1}{4}$	$\frac{161}{640}$	$\Phi_{640}^2\ \Phi_{320}^2\ \Phi_{160}^3\ \Phi_{128}^2\ \Phi_{80}^3\ \Phi_{64}^2\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
96378	1437	544	$\frac{3}{68}$	$\frac{65}{544}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{544}^3\ \Phi_{272}^3\ \Phi_{136}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
96379	1437	504	$\frac{25}{504}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
96380	1437	624	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{145}{624}$	$\frac{1}{4}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{104}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
96381	1437	512	$\frac{33}{512}$	$\frac{3}{32}$	$\frac{29}{128}$	$\frac{1}{4}$	$\Phi_{512}^3\ \Phi_{256}^3\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
96382	1437	600	$\frac{1}{30}$	$\frac{29}{150}$	$\frac{121}{600}$	$\frac{1}{4}$	$\Phi_{600}^3\ \Phi_{300}\ \Phi_{200}^3\ \Phi_{150}^2\ \Phi_{120}^3\ \Phi_{100}\ \Phi_{75}^2\ \Phi_{60}^3\ \Phi_{50}^2\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
96383	1437	500	$\frac{21}{500}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{500}^3\ \Phi_{250}^3\ \Phi_{125}^3\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
96384	1437	1140	$\frac{4}{95}$	$\frac{91}{570}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1140}^2\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}^2\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}^2\ \Phi_{57}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
96385	1437	1600	$\frac{3}{40}$	$\frac{163}{1600}$	$\frac{37}{200}$	$\frac{1}{4}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
96386	1437	1760	$\frac{29}{352}$	$\frac{3}{32}$	$\frac{323}{1760}$	$\frac{1}{4}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
96387	1437	560	$\frac{3}{40}$	$\frac{37}{280}$	$\frac{81}{560}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
96388	1438	1434	$\frac{2}{717}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{715}{1434}$	$\Phi_{1434}^2\ \Phi_{478}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96389	1438	960	$\frac{1}{240}$	$\frac{241}{960}$	$\frac{1}{3}$	$\frac{239}{480}$	$\Phi_{960}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96390	1438	4296	$\frac{3}{716}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{713}{1432}$	$\Phi_{4296}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
96391	1438	1431	$\frac{7}{1431}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{712}{1431}$	$\Phi_{1431}\ \Phi_{477}\ \Phi_{159}\ \Phi_{53}\ \Phi_{27}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
96392	1438	4290	$\frac{4}{715}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{711}{1430}$	$\Phi_{4290}\ \Phi_{858}\ \Phi_{390}\ \Phi_{330}\ \Phi_{78}\ \Phi_{66}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
96393	1438	864	$\frac{1}{144}$	$\frac{145}{864}$	$\frac{1}{3}$	$\frac{143}{288}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96394	1438	1428	$\frac{5}{714}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{709}{1428}$	$\Phi_{1428}^2\ \Phi_{476}^2\ \Phi_{204}^2\ \Phi_{84}^2\ \Phi_{68}^2\ \Phi_{28}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96395	1438	1425	$\frac{13}{1425}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{706}{1425}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{285}\ \Phi_{95}\ \Phi_{75}\ \Phi_{57}\ \Phi_{25}\ \Phi_{19}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
96396	1438	4272	$\frac{7}{712}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{705}{1424}$	$\Phi_{4272}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
96397	1438	1422	$\frac{8}{711}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{703}{1422}$	$\Phi_{1422}^2\ \Phi_{474}^2\ \Phi_{158}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96398	1438	2400	$\frac{1}{80}$	$\frac{81}{800}$	$\frac{1}{3}$	$\frac{79}{160}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
96399	1438	4260	$\frac{9}{710}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{701}{1420}$	$\Phi_{4260}\ \Phi_{852}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
96400	1438	1416	$\frac{11}{708}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{697}{1416}$	$\Phi_{1416}^2\ \Phi_{472}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96401	1438	1410	$\frac{14}{705}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{691}{1410}$	$\Phi_{1410}^2\ \Phi_{470}^2\ \Phi_{282}^2\ \Phi_{94}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96402	1438	768	$\frac{1}{48}$	$\frac{49}{768}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96403	1438	4224	$\frac{15}{704}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{689}{1408}$	$\Phi_{4224}\ \Phi_{384}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
96404	1438	1404	$\frac{17}{702}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{685}{1404}$	$\Phi_{1404}^2\ \Phi_{468}^2\ \Phi_{156}^2\ \Phi_{108}^2\ \Phi_{52}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96405	1438	4200	$\frac{19}{700}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{681}{1400}$	$\Phi_{4200}\ \Phi_{840}\ \Phi_{600}\ \Phi_{168}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
96406	1438	1395	$\frac{43}{1395}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{676}{1395}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}\ \Phi_{155}\ \Phi_{93}\ \Phi_{45}^2\ \Phi_{31}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
96407	1438	1392	$\frac{23}{696}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{673}{1392}$	$\Phi_{1392}^2\ \Phi_{464}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96408	1438	1380	$\frac{1}{30}$	$\frac{29}{690}$	$\frac{1}{3}$	$\frac{661}{1380}$	$\Phi_{1380}^2\ \Phi_{460}^2\ \Phi_{276}^2\ \Phi_{92}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96409	1438	1368	$\frac{1}{36}$	$\frac{35}{684}$	$\frac{1}{3}$	$\frac{649}{1368}$	$\Phi_{1368}^2\ \Phi_{456}^2\ \Phi_{152}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96410	1438	4080	$\frac{1}{40}$	$\frac{39}{680}$	$\frac{1}{3}$	$\frac{641}{1360}$	$\Phi_{4080}\ \Phi_{816}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
96411	1438	2208	$\frac{17}{736}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
96412	1438	1350	$\frac{1}{45}$	$\frac{44}{675}$	$\frac{1}{3}$	$\frac{631}{1350}$	$\Phi_{1350}^2\ \Phi_{450}^2\ \Phi_{270}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96413	1438	1344	$\frac{1}{48}$	$\frac{47}{672}$	$\frac{1}{3}$	$\frac{625}{1344}$	$\Phi_{1344}^2\ \Phi_{448}^2\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96414	1438	1320	$\frac{1}{60}$	$\frac{59}{660}$	$\frac{1}{3}$	$\frac{601}{1320}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{120}^2\ \Phi_{88}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96415	1438	1296	$\frac{1}{72}$	$\frac{71}{648}$	$\frac{1}{3}$	$\frac{577}{1296}$	$\Phi_{1296}^2\ \Phi_{432}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96416	1438	3840	$\frac{1}{80}$	$\frac{79}{640}$	$\frac{1}{3}$	$\frac{561}{1280}$	$\Phi_{3840}\ \Phi_{768}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
96417	1438	1260	$\frac{1}{90}$	$\frac{89}{630}$	$\frac{1}{3}$	$\frac{541}{1260}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{90}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96418	1438	1200	$\frac{1}{120}$	$\frac{119}{600}$	$\frac{1}{3}$	$\frac{481}{1200}$	$\Phi_{1200}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96419	1438	1152	$\frac{1}{144}$	$\frac{143}{576}$	$\frac{1}{3}$	$\frac{433}{1152}$	$\Phi_{1152}^2\ \Phi_{384}^2\ \Phi_{144}^2\ \Phi_{128}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
96420	1438	1080	$\frac{1}{180}$	$\frac{179}{540}$	$\frac{1}{3}$	$\frac{361}{1080}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96421	1438	864	$\frac{1}{72}$	$\frac{145}{864}$	$\frac{71}{216}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96422	1438	810	$\frac{1}{45}$	$\frac{91}{810}$	$\frac{44}{135}$	$\frac{1}{3}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{90}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96423	1438	1056	$\frac{15}{352}$	$\frac{1}{16}$	$\frac{337}{1056}$	$\frac{1}{3}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}^2\ \Phi_{264}\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96424	1438	756	$\frac{37}{756}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96425	1438	1008	$\frac{1}{48}$	$\frac{47}{336}$	$\frac{289}{1008}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{252}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96426	1438	729	$\frac{10}{729}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{729}^2\ \Phi_{243}^2\ \Phi_{81}^2\ \Phi_{27}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
96427	1438	960	$\frac{1}{80}$	$\frac{79}{320}$	$\frac{241}{960}$	$\frac{1}{3}$	$\Phi_{960}\ \Phi_{480}\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96428	1438	954	$\frac{7}{477}$	$\frac{2}{9}$	$\frac{235}{954}$	$\frac{1}{3}$	$\Phi_{954}^2\ \Phi_{477}\ \Phi_{318}^2\ \Phi_{159}\ \Phi_{106}^2\ \Phi_{53}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96429	1438	768	$\frac{1}{16}$	$\frac{49}{768}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}^2\ \Phi_{192}\ \Phi_{128}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96430	1438	936	$\frac{1}{18}$	$\frac{17}{234}$	$\frac{217}{936}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96431	1438	900	$\frac{1}{45}$	$\frac{44}{225}$	$\frac{181}{900}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96432	1438	780	$\frac{4}{65}$	$\frac{61}{780}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96433	1438	2310	$\frac{51}{770}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{105}\ \Phi_{66}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
96434	1438	2400	$\frac{1}{20}$	$\frac{81}{800}$	$\frac{19}{100}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
96435	1438	2640	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{161}{880}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{240}\ \Phi_{165}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
96436	1438	750	$\frac{31}{750}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{750}^2\ \Phi_{375}^2\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{125}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96437	1438	756	$\frac{37}{756}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96438	1438	816	$\frac{5}{102}$	$\frac{97}{816}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96439	1438	855	$\frac{13}{285}$	$\frac{2}{15}$	$\frac{136}{855}$	$\frac{1}{3}$	$\Phi_{855}^2\ \Phi_{285}\ \Phi_{171}^2\ \Phi_{95}\ \Phi_{57}\ \Phi_{45}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
96440	1438	840	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{121}{840}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96441	1440	1077	$\frac{1}{359}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{179}{359}$	$\Phi_{1077}\ \Phi_{359}^2\ \Phi_3^2\ \Phi_1^4$
96442	1440	1439	$\frac{5}{1439}$	$\frac{361}{1439}$	$\frac{539}{1439}$	$\frac{717}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96443	1440	2296	$\frac{1}{287}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{143}{287}$	$\Phi_{2296}\ \Phi_{328}\ \Phi_{287}\ \Phi_{56}\ \Phi_{41}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
96444	1440	2163	$\frac{3}{721}$	$\frac{181}{721}$	$\frac{1}{3}$	$\frac{359}{721}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
96445	1440	1195	$\frac{1}{239}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{119}{239}$	$\Phi_{1195}\ \Phi_{239}^2\ \Phi_5^2\ \Phi_1^4$
96446	1440	2868	$\frac{1}{239}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{119}{239}$	$\Phi_{2868}\ \Phi_{1434}\ \Phi_{12}^2\ \Phi_6^2$
96447	1440	1439	$\frac{7}{1439}$	$\frac{241}{1439}$	$\frac{599}{1439}$	$\frac{716}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96448	1440	1253	$\frac{1}{179}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{89}{179}$	$\Phi_{1253}\ \Phi_{179}^2\ \Phi_7^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
96449	1440	2685	$\frac{1}{179}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{89}{179}$	$\Phi_{2685}\ \Phi_{15}^2$
96450	1440	1924	$\frac{3}{481}$	$\frac{1}{4}$	$\frac{121}{481}$	$\frac{239}{481}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
96451	1440	1439	$\frac{9}{1439}$	$\frac{181}{1439}$	$\frac{629}{1439}$	$\frac{715}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96452	1440	1439	$\frac{9}{1439}$	$\frac{359}{1439}$	$\frac{362}{1439}$	$\frac{715}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96453	1440	2544	$\frac{1}{159}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{79}{159}$	$\Phi_{2544}\ \Phi_{848}\ \Phi_{159}\ \Phi_{53}\ \Phi_{48}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
96454	1440	636	$\frac{1}{159}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{79}{159}$	$\Phi_{636}^2\ \Phi_{318}^2\ \Phi_{212}^2\ \Phi_{159}^3\ \Phi_{106}^2\ \Phi_{53}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
96455	1440	2163	$\frac{5}{721}$	$\frac{121}{721}$	$\frac{1}{3}$	$\frac{358}{721}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
96456	1440	1287	$\frac{1}{143}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{71}{143}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}^2\ \Phi_{117}\ \Phi_{99}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
96457	1440	858	$\frac{1}{143}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{71}{143}$	$\Phi_{858}^2\ \Phi_{429}\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{78}^2\ \Phi_{66}^2\ \Phi_{39}\ \Phi_{33}\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
96458	1440	1439	$\frac{11}{1439}$	$\frac{145}{1439}$	$\frac{647}{1439}$	$\frac{714}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96459	1440	1805	$\frac{3}{361}$	$\frac{1}{5}$	$\frac{91}{361}$	$\frac{179}{361}$	$\Phi_{1805}\ \Phi_{95}$
96460	1440	1309	$\frac{1}{119}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{59}{119}$	$\Phi_{1309}\ \Phi_{187}\ \Phi_{119}^2\ \Phi_{77}\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
96461	1440	357	$\frac{1}{119}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{59}{119}$	$\Phi_{357}^6\ \Phi_{51}^6\ \Phi_{21}^7\ \Phi_3^6$
96462	1440	1309	$\frac{1}{119}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{59}{119}$	$\Phi_{1309}\ \Phi_{187}\ \Phi_{119}^2\ \Phi_{77}\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
96463	1440	2380	$\frac{1}{119}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{59}{119}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{340}\ \Phi_{170}\ \Phi_{140}\ \Phi_{70}\ \Phi_{20}^2\ \Phi_{10}^2$
96464	1440	1439	$\frac{13}{1439}$	$\frac{121}{1439}$	$\frac{659}{1439}$	$\frac{713}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96465	1440	1439	$\frac{13}{1439}$	$\frac{242}{1439}$	$\frac{399}{1439}$	$\frac{713}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96466	1440	1439	$\frac{13}{1439}$	$\frac{269}{1439}$	$\frac{363}{1439}$	$\frac{713}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96467	1440	309	$\frac{1}{103}$	$\frac{13}{103}$	$\frac{1}{3}$	$\frac{51}{103}$	$\Phi_{309}^7\ \Phi_3^6$
96468	1440	1734	$\frac{3}{289}$	$\frac{1}{6}$	$\frac{73}{289}$	$\frac{143}{289}$	$\Phi_{1734}\ \Phi_{867}\ \Phi_{578}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
96469	1440	1924	$\frac{5}{481}$	$\frac{81}{481}$	$\frac{1}{4}$	$\frac{238}{481}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
96470	1440	2660	$\frac{1}{95}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{47}{95}$	$\Phi_{2660}\ \Phi_{532}\ \Phi_{380}\ \Phi_{140}\ \Phi_{95}\ \Phi_{76}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{19}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
96471	1440	665	$\frac{1}{95}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{47}{95}$	$\Phi_{665}^2\ \Phi_{133}^2\ \Phi_{95}^3\ \Phi_{35}^2\ \Phi_{19}^3\ \Phi_7^4\ \Phi_5^3\ \Phi_1^6$
96472	1440	1140	$\frac{1}{95}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{47}{95}$	$\Phi_{1140}^2\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}^2\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}^2\ \Phi_{57}\ \Phi_{30}\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
96473	1440	1335	$\frac{1}{89}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{44}{89}$	$\Phi_{1335}\ \Phi_{445}\ \Phi_{267}\ \Phi_{89}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
96474	1440	801	$\frac{1}{89}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{44}{89}$	$\Phi_{801}^2\ \Phi_{267}\ \Phi_{89}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
96475	1440	445	$\frac{1}{89}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{44}{89}$	$\Phi_{445}^3\ \Phi_{89}^4\ \Phi_5^6\ \Phi_1^8$
96476	1440	1439	$\frac{17}{1439}$	$\frac{91}{1439}$	$\frac{674}{1439}$	$\frac{711}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96477	1440	1439	$\frac{17}{1439}$	$\frac{182}{1439}$	$\frac{419}{1439}$	$\frac{711}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96478	1440	1439	$\frac{17}{1439}$	$\frac{215}{1439}$	$\frac{364}{1439}$	$\frac{711}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96479	1440	1687	$\frac{3}{241}$	$\frac{1}{7}$	$\frac{61}{241}$	$\frac{119}{241}$	Φ_{1687}
96480	1440	2163	$\frac{9}{721}$	$\frac{73}{721}$	$\frac{1}{3}$	$\frac{356}{721}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
96481	1440	1343	$\frac{1}{79}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{39}{79}$	$\Phi_{1343}\ \Phi_{79}^2\ \Phi_{17}^2\ \Phi_1^4$
96482	1440	2370	$\frac{1}{79}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{39}{79}$	$\Phi_{2370}\ \Phi_{1185}\ \Phi_{474}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
96483	1440	1343	$\frac{1}{79}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{39}{79}$	$\Phi_{1343}\ \Phi_{79}^2\ \Phi_{17}^2\ \Phi_1^4$
96484	1440	2212	$\frac{1}{79}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{39}{79}$	$\Phi_{2212}\ \Phi_{1106}\ \Phi_{28}^2\ \Phi_{14}^2$
96485	1440	1439	$\frac{19}{1439}$	$\frac{81}{1439}$	$\frac{679}{1439}$	$\frac{710}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96486	1440	1439	$\frac{19}{1439}$	$\frac{243}{1439}$	$\frac{299}{1439}$	$\frac{710}{1439}$	$\Phi_{1439}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
96487	1440	1805	$\frac{5}{361}$	$\frac{61}{361}$	$\frac{1}{5}$	$\frac{178}{361}$	$\Phi_{1805}\ \Phi_{95}$
96488	1440	1349	$\frac{1}{71}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{35}{71}$	$\Phi_{1349}\ \Phi_{71}^2\ \Phi_{19}^2\ \Phi_1^4$
96489	1440	2343	$\frac{1}{71}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{35}{71}$	$\Phi_{2343}\ \Phi_{33}^2$
96490	1440	1349	$\frac{1}{71}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{35}{71}$	$\Phi_{1349}\ \Phi_{71}^2\ \Phi_{19}^2\ \Phi_1^4$
96491	1440	2130	$\frac{1}{71}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{35}{71}$	$\Phi_{2130}\ \Phi_{1065}\ \Phi_{710}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
96492	1440	1924	$\frac{7}{481}$	$\frac{61}{481}$	$\frac{1}{4}$	$\frac{237}{481}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
96493	1440	1439	$\frac{21}{1439}$	$\frac{73}{1439}$	$\frac{683}{1439}$	$\frac{709}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96494	1440	1439	$\frac{21}{1439}$	$\frac{146}{1439}$	$\frac{431}{1439}$	$\frac{709}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96495	1440	1439	$\frac{21}{1439}$	$\frac{179}{1439}$	$\frac{365}{1439}$	$\frac{709}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96496	1440	2163	$\frac{11}{721}$	$\frac{61}{721}$	$\frac{1}{3}$	$\frac{355}{721}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
96497	1440	1629	$\frac{3}{181}$	$\frac{1}{9}$	$\frac{46}{181}$	$\frac{89}{181}$	$\Phi_{1629}\ \Phi_{543}$
96498	1440	1357	$\frac{1}{59}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{29}{59}$	$\Phi_{1357}\ \Phi_{59}^2\ \Phi_{23}^2\ \Phi_1^4$
96499	1440	2301	$\frac{1}{59}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{29}{59}$	$\Phi_{2301}\ \Phi_{39}^2$
96500	1440	1357	$\frac{1}{59}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{29}{59}$	$\Phi_{1357}\ \Phi_{59}^2\ \Phi_{23}^2\ \Phi_1^4$
96501	1440	2124	$\frac{1}{59}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{29}{59}$	$\Phi_{2124}\ \Phi_{1062}\ \Phi_{708}\ \Phi_{354}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
96502	1440	1357	$\frac{1}{59}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{29}{59}$	$\Phi_{1357}\ \Phi_{59}^2\ \Phi_{23}^2\ \Phi_1^4$
96503	1440	2065	$\frac{1}{59}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{29}{59}$	$\Phi_{2065}\ \Phi_{35}^2$
96504	1440	1734	$\frac{5}{289}$	$\frac{1}{6}$	$\frac{49}{289}$	$\frac{142}{289}$	$\Phi_{1734}\ \Phi_{867}\ \Phi_{578}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
96505	1440	1439	$\frac{25}{1439}$	$\frac{61}{1439}$	$\frac{689}{1439}$	$\frac{707}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96506	1440	1439	$\frac{25}{1439}$	$\frac{122}{1439}$	$\frac{439}{1439}$	$\frac{707}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96507	1440	1439	$\frac{25}{1439}$	$\frac{183}{1439}$	$\frac{314}{1439}$	$\frac{707}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96508	1440	1439	$\frac{25}{1439}$	$\frac{239}{1439}$	$\frac{244}{1439}$	$\frac{707}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96509	1440	1610	$\frac{3}{161}$	$\frac{1}{10}$	$\frac{41}{161}$	$\frac{79}{161}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{322}\ \Phi_{230}\ \Phi_{115}\ \Phi_{70}\ \Phi_{46}\ \Phi_{35}\ \Phi_{14}$
96510	1440	1924	$\frac{9}{481}$	$\frac{49}{481}$	$\frac{1}{4}$	$\frac{236}{481}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
96511	1440	1805	$\frac{7}{361}$	$\frac{46}{361}$	$\frac{1}{5}$	$\frac{177}{361}$	$\Phi_{1805}\ \Phi_{95}$
96512	1440	1439	$\frac{29}{1439}$	$\frac{134}{1439}$	$\frac{367}{1439}$	$\frac{705}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96513	1440	1595	$\frac{3}{145}$	$\frac{1}{11}$	$\frac{37}{145}$	$\frac{71}{145}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{55}$
96514	1440	1687	$\frac{5}{241}$	$\frac{1}{7}$	$\frac{41}{241}$	$\frac{118}{241}$	Φ_{1687}
96515	1440	2163	$\frac{15}{721}$	$\frac{46}{721}$	$\frac{1}{3}$	$\frac{353}{721}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
96516	1440	1363	$\frac{1}{47}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{23}{47}$	$\Phi_{1363}\ \Phi_{47}^2\ \Phi_{29}^2\ \Phi_1^4$
96517	1440	2256	$\frac{1}{47}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{564}\ \Phi_{282}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
96518	1440	1363	$\frac{1}{47}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{23}{47}$	$\Phi_{1363}\ \Phi_{47}^2\ \Phi_{29}^2\ \Phi_1^4$
96519	1440	2068	$\frac{1}{47}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{23}{47}$	$\Phi_{2068}\ \Phi_{1034}\ \Phi_{44}^2\ \Phi_{22}^2$
96520	1440	1363	$\frac{1}{47}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{23}{47}$	$\Phi_{1363}\ \Phi_{47}^2\ \Phi_{29}^2\ \Phi_1^4$
96521	1440	1974	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{23}{47}$	$\Phi_{1974}\ \Phi_{987}\ \Phi_{658}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
96522	1440	1439	$\frac{31}{1439}$	$\frac{49}{1439}$	$\frac{695}{1439}$	$\frac{704}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96523	1440	1439	$\frac{31}{1439}$	$\frac{147}{1439}$	$\frac{323}{1439}$	$\frac{704}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96524	1440	1439	$\frac{31}{1439}$	$\frac{199}{1439}$	$\frac{245}{1439}$	$\frac{704}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96525	1440	2728	$\frac{1}{44}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{43}{88}$	$\Phi_{2728}\ \Phi_{248}\ \Phi_{88}^2\ \Phi_{31}\ \Phi_8^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
96526	1440	4488	$\frac{1}{44}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{4488}\ \Phi_{408}\ \Phi_{51}$
96527	1440	2728	$\frac{1}{44}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{43}{88}$	$\Phi_{2728}\ \Phi_{248}\ \Phi_{88}^2\ \Phi_{31}\ \Phi_{8}^2\ \Phi_{1}^2$
96528	1440	3960	$\frac{1}{44}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{43}{88}$	$\Phi_{3960}\ \Phi_{1320}\ \Phi_{360}\ \Phi_{120}\ \Phi_{45}\ \Phi_{15}$
96529	1440	1924	$\frac{11}{481}$	$\frac{41}{481}$	$\frac{1}{4}$	$\frac{235}{481}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
96530	1440	1439	$\frac{33}{1439}$	$\frac{92}{1439}$	$\frac{449}{1439}$	$\frac{703}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
96531	1440	1439	$\frac{33}{1439}$	$\frac{119}{1439}$	$\frac{368}{1439}$	$\frac{703}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
96532	1440	1439	$\frac{33}{1439}$	$\frac{184}{1439}$	$\frac{251}{1439}$	$\frac{703}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
96533	1440	2163	$\frac{17}{721}$	$\frac{41}{721}$	$\frac{1}{3}$	$\frac{352}{721}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
96534	1440	1734	$\frac{7}{289}$	$\frac{37}{289}$	$\frac{1}{6}$	$\frac{141}{289}$	$\Phi_{1734}\ \Phi_{867}\ \Phi_{578}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
96535	1440	1573	$\frac{3}{121}$	$\frac{1}{13}$	$\frac{31}{121}$	$\frac{59}{121}$	$\Phi_{1573}\ \Phi_{143}$
96536	1440	1805	$\frac{9}{361}$	$\frac{37}{361}$	$\frac{1}{5}$	$\frac{176}{361}$	$\Phi_{1805}\ \Phi_{95}$
96537	1440	1365	$\frac{1}{39}$	$\frac{1}{35}$	$\frac{17}{35}$	$\frac{19}{39}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
96538	1440	741	$\frac{1}{39}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{741}^2\ \Phi_{247}^2\ \Phi_{57}^3\ \Phi_{19}^2$
96539	1440	1365	$\frac{1}{39}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{19}{39}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
96540	1440	156	$\frac{1}{39}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{19}{39}$	$\Phi_{156}^{12}\ \Phi_{78}^{12}\ \Phi_{52}^{13}\ \Phi_{26}^{13}\ \Phi_{12}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}$
96541	1440	1365	$\frac{1}{39}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{19}{39}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
96542	1440	390	$\frac{1}{39}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{19}{39}$	$\Phi_{390}^4\ \Phi_{195}^3\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{65}^3\ \Phi_{39}^4\ \Phi_{30}^4\ \Phi_{26}^4\ \Phi_{15}^3\ \Phi_{13}^4\ \Phi_{10}^8\ \Phi_{6}^4\ \Phi_{5}^6\ \Phi_{3}^4\ \Phi_{2}^8\ \Phi_{1}^8$
96543	1440	273	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{19}{39}$	$\Phi_{273}^5\ \Phi_{91}^5\ \Phi_{39}^6\ \Phi_{21}^5\ \Phi_{13}^6\ \Phi_{7}^{10}\ \Phi_{3}^6\ \Phi_{1}^{12}$
96544	1440	1439	$\frac{37}{1439}$	$\frac{41}{1439}$	$\frac{699}{1439}$	$\frac{701}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
96545	1440	1439	$\frac{37}{1439}$	$\frac{107}{1439}$	$\frac{369}{1439}$	$\frac{701}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
96546	1440	1439	$\frac{37}{1439}$	$\frac{123}{1439}$	$\frac{329}{1439}$	$\frac{701}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
96547	1440	2163	$\frac{19}{721}$	$\frac{37}{721}$	$\frac{1}{3}$	$\frac{351}{721}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
96548	1440	1036	$\frac{1}{37}$	$\frac{19}{259}$	$\frac{1}{4}$	$\frac{18}{37}$	$\Phi_{1036}^2\ \Phi_{518}^2\ \Phi_{148}\ \Phi_{74}\ \Phi_{28}^2\ \Phi_{14}^2$
96549	1440	1629	$\frac{5}{181}$	$\frac{1}{9}$	$\frac{31}{181}$	$\frac{88}{181}$	$\Phi_{1629}\ \Phi_{543}$
96550	1440	1439	$\frac{41}{1439}$	$\frac{74}{1439}$	$\frac{455}{1439}$	$\frac{699}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
96551	1440	1439	$\frac{41}{1439}$	$\frac{185}{1439}$	$\frac{209}{1439}$	$\frac{699}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
96552	1440	105	$\frac{1}{35}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{105}^{13}\ \Phi_{35}^{14}\ \Phi_{21}^{15}\ \Phi_{15}^{13}\ \Phi_{7}^{16}\ \Phi_{5}^{14}\ \Phi_{3}^{14}\ \Phi_{1}^{16}$
96553	1440	455	$\frac{1}{35}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{17}{35}$	$\Phi_{455}^3\ \Phi_{91}^3\ \Phi_{65}^3\ \Phi_{35}^4\ \Phi_{13}^6\ \Phi_{7}^4\ \Phi_{5}^4\ \Phi_{1}^8$
96554	1440	385	$\frac{1}{35}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{17}{35}$	$\Phi_{385}^4\ \Phi_{77}^4\ \Phi_{55}^5\ \Phi_{11}^4$
96555	1440	1365	$\frac{1}{35}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{17}{35}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
96556	1440	630	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{17}{35}$	$\Phi_{630}^3\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^3\ \Phi_{105}\ \Phi_{90}^3\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}^6\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{9}^4\ \Phi_{7}^2\ \Phi_{6}^4\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
96557	1440	1687	$\frac{7}{241}$	$\frac{31}{241}$	$\frac{1}{7}$	$\frac{117}{241}$	Φ_{1687}
96558	1440	1439	$\frac{43}{1439}$	$\frac{149}{1439}$	$\frac{247}{1439}$	$\frac{698}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
96559	1440	1805	$\frac{11}{361}$	$\frac{31}{361}$	$\frac{1}{5}$	$\frac{175}{361}$	$\Phi_{1805}\ \Phi_{95}$
96560	1440	1552	$\frac{3}{97}$	$\frac{1}{16}$	$\frac{25}{97}$	$\frac{47}{97}$	$\Phi_{1552}\ \Phi_{776}\ \Phi_{388}\ \Phi_{194}$
96561	1440	1924	$\frac{15}{481}$	$\frac{31}{481}$	$\frac{1}{4}$	$\frac{233}{481}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
96562	1440	1439	$\frac{45}{1439}$	$\frac{89}{1439}$	$\frac{371}{1439}$	$\frac{697}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96563	1440	2163	$\frac{23}{721}$	$\frac{31}{721}$	$\frac{1}{3}$	$\frac{349}{721}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
96564	1440	682	$\frac{1}{31}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{15}{31}$	$\Phi_{682}^2\ \Phi_{341}^2\ \Phi_{62}^2\ \Phi_{31}^3\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_2^4\ \Phi_1^6$
96565	1440	496	$\frac{1}{31}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{496}^3\ \Phi_{248}^3\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}^3\ \Phi_{16}^6\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
96566	1440	341	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{15}{31}$	$\Phi_{341}^4\ \Phi_{31}^5\ \Phi_{11}^8\ \Phi_1^{10}$
96567	1440	930	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{15}{31}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{310}\ \Phi_{186}\ \Phi_{155}\ \Phi_{93}\ \Phi_{31}\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
96568	1440	1439	$\frac{49}{1439}$	$\frac{62}{1439}$	$\frac{459}{1439}$	$\frac{695}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96569	1440	1439	$\frac{49}{1439}$	$\frac{124}{1439}$	$\frac{263}{1439}$	$\frac{695}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96570	1440	2175	$\frac{1}{29}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{2175}\ \Phi_{435}\ \Phi_{75}^2\ \Phi_{15}^2$
96571	1440	1363	$\frac{1}{29}$	$\frac{2}{47}$	$\frac{15}{47}$	$\frac{14}{29}$	$\Phi_{1363}\ \Phi_{47}^2\ \Phi_{29}^2\ \Phi_1^4$
96572	1440	1972	$\frac{1}{29}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{1972}\ \Phi_{986}\ \Phi_{68}^2\ \Phi_{34}^2$
96573	1440	1363	$\frac{1}{29}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{14}{29}$	$\Phi_{1363}\ \Phi_{47}^2\ \Phi_{29}^2\ \Phi_1^4$
96574	1440	1885	$\frac{1}{29}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{14}{29}$	$\Phi_{1885}\ \Phi_{65}^2$
96575	1440	319	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{5}{29}$	$\frac{14}{29}$	$\Phi_{319}^5\ \Phi_{11}^4$
96576	1440	1363	$\frac{1}{29}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{14}{29}$	$\Phi_{1363}\ \Phi_{47}^2\ \Phi_{29}^2\ \Phi_1^4$
96577	1440	1827	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{14}{29}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{63}^2\ \Phi_{21}^2$
96578	1440	1439	$\frac{51}{1439}$	$\frac{149}{1439}$	$\frac{215}{1439}$	$\frac{694}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96579	1440	513	$\frac{1}{27}$	$\frac{1}{19}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{513}^3\ \Phi_{171}^3\ \Phi_{57}^3\ \Phi_{19}^2$
96580	1440	1687	$\frac{9}{241}$	$\frac{25}{241}$	$\frac{1}{7}$	$\frac{116}{241}$	Φ_{1687}
96581	1440	1734	$\frac{11}{289}$	$\frac{25}{289}$	$\frac{1}{6}$	$\frac{139}{289}$	$\Phi_{1734}\ \Phi_{867}\ \Phi_{578}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
96582	1440	1439	$\frac{55}{1439}$	$\frac{83}{1439}$	$\frac{339}{1439}$	$\frac{692}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96583	1440	1439	$\frac{55}{1439}$	$\frac{119}{1439}$	$\frac{249}{1439}$	$\frac{692}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96584	1440	770	$\frac{3}{77}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{37}{77}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{70}^3\ \Phi_{55}^2\ \Phi_{35}^3\ \Phi_{22}^2\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2$
96585	1440	1924	$\frac{19}{481}$	$\frac{25}{481}$	$\frac{1}{4}$	$\frac{231}{481}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
96586	1440	1439	$\frac{57}{1439}$	$\frac{71}{1439}$	$\frac{374}{1439}$	$\frac{691}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96587	1440	2163	$\frac{25}{721}$	$\frac{29}{721}$	$\frac{1}{3}$	$\frac{346}{721}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
96588	1440	1533	$\frac{3}{73}$	$\frac{1}{21}$	$\frac{19}{73}$	$\frac{35}{73}$	$\Phi_{1533}\ \Phi_{511}\ \Phi_{219}$
96589	1440	1573	$\frac{5}{121}$	$\frac{1}{13}$	$\frac{21}{121}$	$\frac{58}{121}$	$\Phi_{1573}\ \Phi_{143}$
96590	1440	1439	$\frac{50}{1439}$	$\frac{61}{1439}$	$\frac{463}{1439}$	$\frac{689}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96591	1440	1439	$\frac{61}{1439}$	$\frac{75}{1439}$	$\frac{341}{1439}$	$\frac{689}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96592	1440	1439	$\frac{61}{1439}$	$\frac{125}{1439}$	$\frac{219}{1439}$	$\frac{689}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96593	1440	2139	$\frac{1}{31}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{2139}\ \Phi_{93}^2$
96594	1440	1357	$\frac{2}{59}$	$\frac{1}{23}$	$\frac{19}{59}$	$\frac{11}{23}$	$\Phi_{1357}\ \Phi_{59}^2\ \Phi_{23}^2\ \Phi_1^4$
96595	1440	1932	$\frac{1}{23}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{322}\ \Phi_{276}\ \Phi_{138}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_6^2$
96596	1440	1357	$\frac{1}{23}$	$\frac{3}{59}$	$\frac{14}{59}$	$\frac{11}{23}$	$\Phi_{1357}\ \Phi_{59}^2\ \Phi_{23}^2\ \Phi_1^4$
96597	1440	1840	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
96598	1440	1357	$\frac{1}{23}$	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{11}{23}$	$\Phi_{1357}\ \Phi_{59}^2\ \Phi_{23}^2\ \Phi_1^4$
96599	1440	1794	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{11}{23}$	$\Phi_{1794}\ \Phi_{897}\ \Phi_{598}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
96600	1440	1357	$\frac{1}{23}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{11}{23}$	$\Phi_{1357}\ \Phi_{59}^2\ \Phi_{23}^2\ \Phi_1^4$
96601	1440	1771	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{11}{23}$	$\Phi_{1771}\ \Phi_{77}^2$
96602	1440	230	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{3}{23}$	$\frac{11}{23}$	$\Phi_{230}^7\ \Phi_{115}^7\ \Phi_{46}^7\ \Phi_{10}^6\ \Phi_5^6\ \Phi_2^6$
96603	1440	1439	$\frac{47}{1439}$	$\frac{65}{1439}$	$\frac{464}{1439}$	$\frac{687}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96604	1440	1439	$\frac{65}{1439}$	$\frac{94}{1439}$	$\frac{269}{1439}$	$\frac{687}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96605	1440	1439	$\frac{65}{1439}$	$\frac{139}{1439}$	$\frac{188}{1439}$	$\frac{687}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96606	1440	1687	$\frac{11}{241}$	$\frac{21}{241}$	$\frac{1}{7}$	$\frac{115}{241}$	Φ_{1687}
96607	1440	1439	$\frac{67}{1439}$	$\frac{99}{1439}$	$\frac{251}{1439}$	$\frac{686}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96608	1440	1805	$\frac{17}{361}$	$\frac{21}{361}$	$\frac{1}{5}$	$\frac{172}{361}$	$\Phi_{1805}\ \Phi_{95}$
96609	1440	1924	$\frac{21}{481}$	$\frac{23}{481}$	$\frac{1}{4}$	$\frac{229}{481}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
96610	1440	1439	$\frac{59}{1439}$	$\frac{69}{1439}$	$\frac{377}{1439}$	$\frac{685}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96611	1440	1595	$\frac{7}{145}$	$\frac{1}{11}$	$\frac{19}{145}$	$\frac{69}{145}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{55}$
96612	1440	309	$\frac{3}{103}$	$\frac{5}{103}$	$\frac{1}{3}$	$\frac{49}{103}$	$\Phi_{309}^7\ \Phi_3^6$
96613	1440	1525	$\frac{1}{25}$	$\frac{3}{61}$	$\frac{16}{61}$	$\frac{29}{61}$	$\Phi_{1525}\ \Phi_{305}$
96614	1440	1439	$\frac{71}{1439}$	$\frac{151}{1439}$	$\frac{161}{1439}$	$\frac{684}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96615	1440	1629	$\frac{9}{181}$	$\frac{19}{181}$	$\frac{1}{9}$	$\frac{86}{181}$	$\Phi_{1629}\ \Phi_{543}$
96616	1440	1439	$\frac{63}{1439}$	$\frac{73}{1439}$	$\frac{344}{1439}$	$\frac{683}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96617	1440	1439	$\frac{73}{1439}$	$\frac{84}{1439}$	$\frac{271}{1439}$	$\frac{683}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96618	1440	1439	$\frac{73}{1439}$	$\frac{125}{1439}$	$\frac{189}{1439}$	$\frac{683}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96619	1440	1552	$\frac{5}{97}$	$\frac{1}{16}$	$\frac{17}{97}$	$\frac{46}{97}$	$\Phi_{1552}\ \Phi_{776}\ \Phi_{388}\ \Phi_{194}$
96620	1440	1734	$\frac{15}{289}$	$\frac{19}{289}$	$\frac{1}{6}$	$\frac{137}{289}$	$\Phi_{1734}\ \Phi_{867}\ \Phi_{578}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
96621	1440	2109	$\frac{1}{37}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{2109}\ \Phi_{111}^2$
96622	1440	1349	$\frac{2}{71}$	$\frac{1}{19}$	$\frac{23}{71}$	$\frac{9}{19}$	$\Phi_{1349}\ \Phi_{71}^2\ \Phi_{19}^2\ \Phi_1^4$
96623	1440	1900	$\frac{1}{25}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{380}\ \Phi_{190}\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{20}^2\ \Phi_{10}^2$
96624	1440	1349	$\frac{3}{71}$	$\frac{1}{19}$	$\frac{17}{71}$	$\frac{9}{19}$	$\Phi_{1349}\ \Phi_{71}^2\ \Phi_{19}^2\ \Phi_1^4$
96625	1440	95	$\frac{1}{19}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{95}^{19}\ \Phi_5^{18}$
96626	1440	1349	$\frac{1}{19}$	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{9}{19}$	$\Phi_{1349}\ \Phi_{71}^2\ \Phi_{19}^2\ \Phi_1^4$
96627	1440	1729	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{9}{19}$	$\Phi_{1729}\ \Phi_{91}^2$
96628	1440	1349	$\frac{1}{19}$	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{9}{19}$	$\Phi_{1349}\ \Phi_{71}^2\ \Phi_{19}^2\ \Phi_1^4$
96629	1440	1710	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{19}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{342}\ \Phi_{285}\ \Phi_{114}\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_6^2$
96630	1440	1439	$\frac{53}{1439}$	$\frac{77}{1439}$	$\frac{379}{1439}$	$\frac{681}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96631	1440	2163	$\frac{19}{721}$	$\frac{39}{721}$	$\frac{1}{3}$	$\frac{341}{721}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
96632	1440	1547	$\frac{5}{91}$	$\frac{1}{17}$	$\frac{16}{91}$	$\frac{43}{91}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}$
96633	1440	1610	$\frac{9}{161}$	$\frac{1}{10}$	$\frac{17}{161}$	$\frac{76}{161}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{322}\ \Phi_{230}\ \Phi_{115}\ \Phi_{70}\ \Phi_{46}\ \Phi_{35}\ \Phi_{14}$
96634	1440	1439	$\frac{38}{1439}$	$\frac{81}{1439}$	$\frac{467}{1439}$	$\frac{679}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96635	1440	1439	$\frac{81}{1439}$	$\frac{95}{1439}$	$\frac{224}{1439}$	$\frac{679}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96636	1440	1439	$\frac{81}{1439}$	$\frac{143}{1439}$	$\frac{152}{1439}$	$\frac{679}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96637	1440	1573	$\frac{7}{121}$	$\frac{1}{13}$	$\frac{16}{121}$	$\frac{57}{121}$	$\Phi_{1573}\ \Phi_{143}$
96638	1440	2091	$\frac{1}{41}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{2091}\ \Phi_{123}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
96639	1440	1343	$\frac{3}{79}$	$\frac{1}{17}$	$\frac{19}{79}$	$\frac{8}{17}$	$\Phi_{1343}\ \Phi_{79}^2\ \Phi_{17}^2\ \Phi_1^4$
96640	1440	1785	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{255}\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{15}^2$
96641	1440	1343	$\frac{4}{79}$	$\frac{1}{17}$	$\frac{15}{79}$	$\frac{8}{17}$	$\Phi_{1343}\ \Phi_{79}^2\ \Phi_{17}^2\ \Phi_1^4$
96642	1440	102	$\frac{1}{17}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{102}^{17}\ \Phi_{51}^{17}\ \Phi_{34}^{17}\ \Phi_6^{16}\ \Phi_3^{16}\ \Phi_2^{16}$
96643	1440	1343	$\frac{1}{17}$	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{8}{17}$	$\Phi_{1343}\ \Phi_{79}^2\ \Phi_{17}^2\ \Phi_1^4$
96644	1440	1683	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{8}{17}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{99}^2\ \Phi_{33}^2$
96645	1440	1439	$\frac{79}{1439}$	$\frac{85}{1439}$	$\frac{254}{1439}$	$\frac{677}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96646	1440	1439	$\frac{85}{1439}$	$\frac{127}{1439}$	$\frac{164}{1439}$	$\frac{677}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96647	1440	1924	$\frac{17}{481}$	$\frac{29}{481}$	$\frac{1}{4}$	$\frac{226}{481}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
96648	1440	1629	$\frac{11}{181}$	$\frac{16}{181}$	$\frac{1}{9}$	$\frac{85}{181}$	$\Phi_{1629}\ \Phi_{543}$
96649	1440	1519	$\frac{1}{31}$	$\frac{3}{49}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{1519}\ \Phi_{217}$
96650	1440	1439	$\frac{89}{1439}$	$\frac{104}{1439}$	$\frac{191}{1439}$	$\frac{675}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96651	1440	1687	$\frac{15}{241}$	$\frac{16}{241}$	$\frac{1}{7}$	$\frac{113}{241}$	Φ_{1687}
96652	1440	1439	$\frac{51}{1439}$	$\frac{91}{1439}$	$\frac{347}{1439}$	$\frac{674}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96653	1440	1439	$\frac{74}{1439}$	$\frac{91}{1439}$	$\frac{255}{1439}$	$\frac{674}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96654	1440	1805	$\frac{16}{361}$	$\frac{23}{361}$	$\frac{1}{5}$	$\frac{169}{361}$	$\Phi_{1805}\ \Phi_{95}$
96655	1440	1924	$\frac{16}{481}$	$\frac{31}{481}$	$\frac{1}{4}$	$\frac{225}{481}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
96656	1440	1439	$\frac{44}{1439}$	$\frac{93}{1439}$	$\frac{383}{1439}$	$\frac{673}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96657	1440	2163	$\frac{16}{721}$	$\frac{47}{721}$	$\frac{1}{3}$	$\frac{337}{721}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
96658	1440	690	$\frac{1}{46}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{230}^2\ \Phi_{138}^3\ \Phi_{115}^2\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{30}^2\ \Phi_{23}^2\ \Phi_{10}^2\ \Phi_6^3\ \Phi_2^2$
96659	1440	1335	$\frac{2}{89}$	$\frac{1}{15}$	$\frac{29}{89}$	$\frac{7}{15}$	$\Phi_{1335}\ \Phi_{445}\ \Phi_{267}\ \Phi_{89}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
96660	1440	1860	$\frac{1}{31}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{372}\ \Phi_{310}\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{62}^2$
96661	1440	1335	$\frac{4}{89}$	$\frac{1}{15}$	$\frac{17}{89}$	$\frac{7}{15}$	$\Phi_{1335}\ \Phi_{445}\ \Phi_{267}\ \Phi_{89}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
96662	1440	570	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{570}^3\ \Phi_{285}^2\ \Phi_{190}^3\ \Phi_{114}^4\ \Phi_{95}^2\ \Phi_{57}^3\ \Phi_{38}^4\ \Phi_{19}^2$
96663	1440	1335	$\frac{5}{89}$	$\frac{1}{15}$	$\frac{14}{89}$	$\frac{7}{15}$	$\Phi_{1335}\ \Phi_{445}\ \Phi_{267}\ \Phi_{89}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
96664	1440	1680	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
96665	1440	1335	$\frac{1}{15}$	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{7}{15}$	$\Phi_{1335}\ \Phi_{445}\ \Phi_{267}\ \Phi_{89}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
96666	1440	330	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{7}{15}$	$\Phi_{330}^5\ \Phi_{165}^4\ \Phi_{110}^6\ \Phi_{66}^5\ \Phi_{55}^5\ \Phi_{33}^4\ \Phi_{22}^6\ \Phi_{11}^4$
96667	1440	1439	$\frac{32}{1439}$	$\frac{97}{1439}$	$\frac{469}{1439}$	$\frac{671}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96668	1440	1439	$\frac{64}{1439}$	$\frac{97}{1439}$	$\frac{275}{1439}$	$\frac{671}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96669	1440	1533	$\frac{1}{21}$	$\frac{5}{73}$	$\frac{13}{73}$	$\frac{34}{73}$	$\Phi_{1533}\ \Phi_{511}\ \Phi_{219}$
96670	1440	1439	$\frac{77}{1439}$	$\frac{101}{1439}$	$\frac{227}{1439}$	$\frac{669}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96671	1440	588	$\frac{1}{49}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{588}^7\ \Phi_{147}\ \Phi_{84}^6\ \Phi_{21}\ \Phi_{12}^6$
96672	1440	2660	$\frac{2}{95}$	$\frac{1}{14}$	$\frac{31}{95}$	$\frac{13}{28}$	$\Phi_{2660}\ \Phi_{532}\ \Phi_{380}\ \Phi_{140}\ \Phi_{95}\ \Phi_{76}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{19}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
96673	1440	924	$\frac{1}{33}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{924}\ \Phi_{462}^2\ \Phi_{308}\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}\ \Phi_{77}^2\ \Phi_{66}^3\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_6^3\ \Phi_3^2$
96674	1440	2660	$\frac{3}{95}$	$\frac{1}{14}$	$\frac{23}{95}$	$\frac{13}{28}$	$\Phi_{2660}\ \Phi_{532}\ \Phi_{380}\ \Phi_{140}\ \Phi_{95}\ \Phi_{76}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{19}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
96675	1440	700	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{700}^4\ \Phi_{140}^3\ \Phi_{100}^4\ \Phi_{28}^4\ \Phi_{25}^4\ \Phi_{20}^3\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
96676	1440	532	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{3}{19}$	$\frac{13}{28}$	$\Phi_{532}^5\ \Phi_{76}^5\ \Phi_{28}^6\ \Phi_{19}^5\ \Phi_4^6\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
96677	1440	476	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{476}^6\ \Phi_{119}\ \Phi_{68}^6$
96678	1440	2660	$\frac{1}{14}$	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{13}{28}$	$\Phi_{2660}\ \Phi_{532}\ \Phi_{380}\ \Phi_{140}\ \Phi_{95}\ \Phi_{76}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{19}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
96679	1440	3276	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{13}{28}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{156}\ \Phi_{117}\ \Phi_{39}$
96680	1440	1552	$\frac{1}{16}$	$\frac{7}{97}$	$\frac{13}{97}$	$\frac{45}{97}$	$\Phi_{1552}\ \Phi_{776}\ \Phi_{388}\ \Phi_{194}$
96681	1440	1517	$\frac{1}{37}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	Φ_{1517}
96682	1440	1573	$\frac{9}{121}$	$\frac{1}{13}$	$\frac{13}{121}$	$\frac{56}{121}$	$\Phi_{1573}\ \Phi_{143}$
96683	1440	1439	$\frac{43}{1439}$	$\frac{109}{1439}$	$\frac{349}{1439}$	$\frac{665}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96684	1440	1439	$\frac{109}{1439}$	$\frac{129}{1439}$	$\frac{131}{1439}$	$\frac{665}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96685	1440	1595	$\frac{11}{145}$	$\frac{13}{145}$	$\frac{1}{11}$	$\frac{67}{145}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{55}$
96686	1440	988	$\frac{7}{247}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{988}^2\ \Phi_{494}^2\ \Phi_{76}^2\ \Phi_{52}\ \Phi_{38}^2\ \Phi_{26}$
96687	1440	884	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{6}{13}$	$\Phi_{884}^2\ \Phi_{442}^2\ \Phi_{221}\ \Phi_{68}^2\ \Phi_{34}^2$
96688	1440	1439	$\frac{107}{1439}$	$\frac{111}{1439}$	$\frac{155}{1439}$	$\frac{664}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96689	1440	1439	$\frac{83}{1439}$	$\frac{113}{1439}$	$\frac{194}{1439}$	$\frac{663}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96690	1440	1687	$\frac{13}{241}$	$\frac{19}{241}$	$\frac{1}{7}$	$\frac{111}{241}$	Φ_{1687}
96691	1440	1734	$\frac{13}{289}$	$\frac{23}{289}$	$\frac{1}{6}$	$\frac{133}{289}$	$\Phi_{1734}\ \Phi_{867}\ \Phi_{578}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
96692	1440	1439	$\frac{59}{1439}$	$\frac{115}{1439}$	$\frac{259}{1439}$	$\frac{662}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96693	1440	1805	$\frac{13}{361}$	$\frac{29}{361}$	$\frac{1}{5}$	$\frac{166}{361}$	$\Phi_{1805}\ \Phi_{95}$
96694	1440	1517	$\frac{1}{41}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	Φ_{1517}
96695	1440	148	$\frac{1}{37}$	$\frac{3}{37}$	$\frac{1}{4}$	$\frac{17}{37}$	$\Phi_{148}^{13}\ \Phi_{74}^{13}\ \Phi_4^{12}\ \Phi_2^{12}$
96696	1440	1439	$\frac{35}{1439}$	$\frac{117}{1439}$	$\frac{389}{1439}$	$\frac{661}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96697	1440	2163	$\frac{13}{721}$	$\frac{59}{721}$	$\frac{1}{3}$	$\frac{331}{721}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
96698	1440	1525	$\frac{1}{25}$	$\frac{5}{61}$	$\frac{11}{61}$	$\frac{28}{61}$	$\Phi_{1525}\ \Phi_{305}$
96699	1440	1439	$\frac{26}{1439}$	$\frac{121}{1439}$	$\frac{471}{1439}$	$\frac{659}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96700	1440	1439	$\frac{39}{1439}$	$\frac{121}{1439}$	$\frac{350}{1439}$	$\frac{659}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96701	1440	1439	$\frac{65}{1439}$	$\frac{121}{1439}$	$\frac{229}{1439}$	$\frac{659}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96702	1440	1539	$\frac{1}{19}$	$\frac{7}{81}$	$\frac{11}{81}$	$\frac{37}{81}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{57}$
96703	1440	1439	$\frac{87}{1439}$	$\frac{127}{1439}$	$\frac{169}{1439}$	$\frac{656}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96704	1440	1439	$\frac{49}{1439}$	$\frac{129}{1439}$	$\frac{278}{1439}$	$\frac{655}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96705	1440	1439	$\frac{98}{1439}$	$\frac{129}{1439}$	$\frac{149}{1439}$	$\frac{655}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96706	1440	2013	$\frac{1}{61}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{2013}\ \Phi_{183}^2$
96707	1440	1309	$\frac{2}{119}$	$\frac{1}{11}$	$\frac{39}{119}$	$\frac{5}{11}$	$\Phi_{1309}\ \Phi_{187}\ \Phi_{119}^2\ \Phi_{77}\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
96708	1440	506	$\frac{1}{46}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{506}^3\ \Phi_{253}^3\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{22}^3\ \Phi_2^2$
96709	1440	1804	$\frac{1}{41}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{1804}\ \Phi_{902}\ \Phi_{164}^2\ \Phi_{82}^2$
96710	1440	1309	$\frac{3}{119}$	$\frac{1}{11}$	$\frac{29}{119}$	$\frac{5}{11}$	$\Phi_{1309}\ \Phi_{187}\ \Phi_{119}^2\ \Phi_{77}\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
96711	1440	1705	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{1705}\ \Phi_{155}^2$
96712	1440	1309	$\frac{4}{119}$	$\frac{1}{11}$	$\frac{23}{119}$	$\frac{5}{11}$	$\Phi_{1309}\ \Phi_{187}\ \Phi_{119}^2\ \Phi_{77}\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
96713	1440	1650	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{330}\ \Phi_{165}\ \Phi_{150}^2\ \Phi_{110}\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
96714	1440	1309	$\frac{5}{119}$	$\frac{1}{11}$	$\frac{19}{119}$	$\frac{5}{11}$	$\Phi_{1309}\ \Phi_{187}\ \Phi_{119}^2\ \Phi_{77}\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
96715	1440	231	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{231}^6\ \Phi_{77}^5\ \Phi_{33}^6\ \Phi_{21}^{12}\ \Phi_{11}^6\ \Phi_7^{10}\ \Phi_3^{12}\ \Phi_1^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
96716	1440	187	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{2}{17}$	$\frac{5}{11}$	$\Phi_{187}^{7}\ \Phi_{17}^{14}\ \Phi_{11}^{8}\ \Phi_{1}^{16}$
96717	1440	1584	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{11}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{144}^{2}\ \Phi_{132}\ \Phi_{72}^{2}\ \Phi_{66}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
96718	1440	1309	$\frac{9}{119}$	$\frac{1}{11}$	$\frac{11}{119}$	$\frac{5}{11}$	$\Phi_{1309}\ \Phi_{187}\ \Phi_{119}^{2}\ \Phi_{77}\ \Phi_{17}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
96719	1440	143	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{143}^{11}\ \Phi_{13}^{10}$
96720	1440	1439	$\frac{109}{1439}$	$\frac{131}{1439}$	$\frac{133}{1439}$	$\frac{653}{1439}$	$\Phi_{1439}\ \Phi_{1}^{2}$
96721	1440	1610	$\frac{11}{161}$	$\frac{15}{161}$	$\frac{1}{10}$	$\frac{73}{161}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{322}\ \Phi_{230}\ \Phi_{115}\ \Phi_{70}\ \Phi_{46}\ \Phi_{35}\ \Phi_{14}$
96722	1440	1629	$\frac{11}{181}$	$\frac{17}{181}$	$\frac{1}{9}$	$\frac{82}{181}$	$\Phi_{1629}\ \Phi_{543}$
96723	1440	1439	$\frac{69}{1439}$	$\frac{137}{1439}$	$\frac{197}{1439}$	$\frac{651}{1439}$	$\Phi_{1439}\ \Phi_{1}^{2}$
96724	1440	1687	$\frac{11}{241}$	$\frac{23}{241}$	$\frac{1}{7}$	$\frac{109}{241}$	Φ_{1687}
96725	1440	1533	$\frac{1}{21}$	$\frac{7}{73}$	$\frac{10}{73}$	$\frac{33}{73}$	$\Phi_{1533}\ \Phi_{511}\ \Phi_{219}$
96726	1440	1439	$\frac{49}{1439}$	$\frac{139}{1439}$	$\frac{263}{1439}$	$\frac{650}{1439}$	$\Phi_{1439}\ \Phi_{1}^{2}$
96727	1440	1805	$\frac{11}{361}$	$\frac{35}{361}$	$\frac{1}{5}$	$\frac{163}{361}$	$\Phi_{1805}\ \Phi_{95}$
96728	1440	1924	$\frac{11}{481}$	$\frac{47}{481}$	$\frac{1}{4}$	$\frac{217}{481}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
96729	1440	1439	$\frac{29}{1439}$	$\frac{141}{1439}$	$\frac{395}{1439}$	$\frac{649}{1439}$	$\Phi_{1439}\ \Phi_{1}^{2}$
96730	1440	1439	$\frac{79}{1439}$	$\frac{141}{1439}$	$\frac{170}{1439}$	$\frac{649}{1439}$	$\Phi_{1439}\ \Phi_{1}^{2}$
96731	1440	2163	$\frac{11}{721}$	$\frac{71}{721}$	$\frac{1}{3}$	$\frac{325}{721}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
96732	1440	1547	$\frac{1}{17}$	$\frac{9}{91}$	$\frac{10}{91}$	$\frac{41}{91}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}$
96733	1440	1439	$\frac{44}{1439}$	$\frac{145}{1439}$	$\frac{279}{1439}$	$\frac{647}{1439}$	$\Phi_{1439}\ \Phi_{1}^{2}$
96734	1440	1439	$\frac{99}{1439}$	$\frac{134}{1439}$	$\frac{145}{1439}$	$\frac{647}{1439}$	$\Phi_{1439}\ \Phi_{1}^{2}$
96735	1440	1519	$\frac{1}{31}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{1519}\ \Phi_{217}$
96736	1440	319	$\frac{2}{29}$	$\frac{1}{11}$	$\frac{3}{29}$	$\frac{13}{29}$	$\Phi_{319}^{5}\ \Phi_{11}^{4}$
96737	1440	1439	$\frac{53}{1439}$	$\frac{151}{1439}$	$\frac{231}{1439}$	$\frac{644}{1439}$	$\Phi_{1439}\ \Phi_{1}^{2}$
96738	1440	1439	$\frac{80}{1439}$	$\frac{151}{1439}$	$\frac{159}{1439}$	$\frac{644}{1439}$	$\Phi_{1439}\ \Phi_{1}^{2}$
96739	1440	1629	$\frac{10}{181}$	$\frac{19}{181}$	$\frac{1}{9}$	$\frac{81}{181}$	$\Phi_{1629}\ \Phi_{543}$
96740	1440	1439	$\frac{62}{1439}$	$\frac{153}{1439}$	$\frac{199}{1439}$	$\frac{643}{1439}$	$\Phi_{1439}\ \Phi_{1}^{2}$
96741	1440	1734	$\frac{10}{289}$	$\frac{31}{289}$	$\frac{1}{6}$	$\frac{129}{289}$	$\Phi_{1734}\ \Phi_{867}\ \Phi_{578}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
96742	1440	1805	$\frac{10}{361}$	$\frac{39}{361}$	$\frac{1}{5}$	$\frac{161}{361}$	$\Phi_{1805}\ \Phi_{95}$
96743	1440	1439	$\frac{26}{1439}$	$\frac{157}{1439}$	$\frac{399}{1439}$	$\frac{641}{1439}$	$\Phi_{1439}\ \Phi_{1}^{2}$
96744	1440	2163	$\frac{10}{721}$	$\frac{79}{721}$	$\frac{1}{3}$	$\frac{321}{721}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
96745	1440	657	$\frac{1}{73}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{657}^{2}\ \Phi_{219}^{3}\ \Phi_{73}^{2}$
96746	1440	1287	$\frac{2}{143}$	$\frac{1}{9}$	$\frac{47}{143}$	$\frac{4}{9}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}^{2}\ \Phi_{117}\ \Phi_{99}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
96747	1440	1764	$\frac{1}{49}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}^{2}\ \Phi_{126}\ \Phi_{98}^{2}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
96748	1440	1287	$\frac{3}{143}$	$\frac{1}{9}$	$\frac{35}{143}$	$\frac{4}{9}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}^{2}\ \Phi_{117}\ \Phi_{99}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
96749	1440	1665	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{185}^{2}$
96750	1440	1287	$\frac{5}{143}$	$\frac{1}{9}$	$\frac{23}{143}$	$\frac{4}{9}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}^{2}\ \Phi_{117}\ \Phi_{99}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
96751	1440	1575	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{175}^{2}\ \Phi_{105}\ \Phi_{35}^{2}$
96752	1440	1287	$\frac{7}{143}$	$\frac{1}{9}$	$\frac{17}{143}$	$\frac{4}{9}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}^{2}\ \Phi_{117}\ \Phi_{99}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
96753	1440	171	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{171}^{9}\ \Phi_{57}^{9}\ \Phi_{19}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
96754	1440	1287	$\frac{8}{143}$	$\frac{15}{143}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1287}\ \Phi_{429}\ \Phi_{143}^2\ \Phi_{117}\ \Phi_{99}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
96755	1440	1530	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}\ \Phi_{255}\ \Phi_{170}^2\ \Phi_{102}\ \Phi_{85}^2\ \Phi_{34}^2$
96756	1440	693	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}\ \Phi_{77}^4\ \Phi_{63}^2\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
96757	1440	117	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{117}^{11}\ \Phi_{39}^{11}\ \Phi_{13}^{22}\ \Phi_9^{12}\ \Phi_3^{12}\ \Phi_1^{24}$
96758	1440	1439	$\frac{20}{1439}$	$\frac{161}{1439}$	$\frac{473}{1439}$	$\frac{639}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96759	1440	1439	$\frac{80}{1439}$	$\frac{151}{1439}$	$\frac{161}{1439}$	$\frac{639}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96760	1440	1439	$\frac{89}{1439}$	$\frac{135}{1439}$	$\frac{163}{1439}$	$\frac{638}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96761	1440	1552	$\frac{1}{16}$	$\frac{9}{97}$	$\frac{11}{97}$	$\frac{43}{97}$	$\Phi_{1552}\ \Phi_{776}\ \Phi_{388}\ \Phi_{194}$
96762	1440	1595	$\frac{9}{145}$	$\frac{1}{11}$	$\frac{17}{145}$	$\frac{64}{145}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{55}$
96763	1440	1439	$\frac{87}{1439}$	$\frac{134}{1439}$	$\frac{169}{1439}$	$\frac{635}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96764	1440	1610	$\frac{9}{161}$	$\frac{1}{10}$	$\frac{19}{161}$	$\frac{71}{161}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{322}\ \Phi_{230}\ \Phi_{115}\ \Phi_{70}\ \Phi_{46}\ \Phi_{35}\ \Phi_{14}$
96765	1440	1439	$\frac{71}{1439}$	$\frac{161}{1439}$	$\frac{171}{1439}$	$\frac{634}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96766	1440	1525	$\frac{1}{61}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1525}\ \Phi_{305}$
96767	1440	1687	$\frac{9}{241}$	$\frac{29}{241}$	$\frac{1}{7}$	$\frac{106}{241}$	Φ_{1687}
96768	1440	1734	$\frac{9}{289}$	$\frac{35}{289}$	$\frac{1}{6}$	$\frac{127}{289}$	$\Phi_{1734}\ \Phi_{867}\ \Phi_{578}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
96769	1440	1439	$\frac{39}{1439}$	$\frac{175}{1439}$	$\frac{269}{1439}$	$\frac{632}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96770	1440	1924	$\frac{9}{481}$	$\frac{59}{481}$	$\frac{1}{4}$	$\frac{211}{481}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
96771	1440	1439	$\frac{23}{1439}$	$\frac{177}{1439}$	$\frac{404}{1439}$	$\frac{631}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96772	1440	2163	$\frac{9}{721}$	$\frac{89}{721}$	$\frac{1}{3}$	$\frac{316}{721}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
96773	1440	1296	$\frac{1}{81}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1296}^2\ \Phi_{432}^2\ \Phi_{144}^2\ \Phi_{81}^2\ \Phi_{48}\ \Phi_{27}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
96774	1440	848	$\frac{1}{53}$	$\frac{1}{8}$	$\frac{13}{53}$	$\frac{7}{16}$	$\Phi_{848}^3\ \Phi_{53}^3\ \Phi_{16}^4\ \Phi_1^4$
96775	1440	3280	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{3280}\ \Phi_{205}$
96776	1440	2544	$\frac{4}{159}$	$\frac{1}{8}$	$\frac{31}{159}$	$\frac{7}{16}$	$\Phi_{2544}\ \Phi_{848}\ \Phi_{159}\ \Phi_{53}\ \Phi_{48}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
96777	1440	528	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{528}^5\ \Phi_{176}^5\ \Phi_{66}^3\ \Phi_{48}^3\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{16}^4\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
96778	1440	2544	$\frac{7}{159}$	$\frac{19}{159}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2544}\ \Phi_{848}\ \Phi_{159}\ \Phi_{53}\ \Phi_{48}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
96779	1440	1008	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1008}^3\ \Phi_{336}^2\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{63}^3\ \Phi_{48}\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
96780	1440	848	$\frac{3}{53}$	$\frac{5}{53}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{848}^3\ \Phi_{53}^3\ \Phi_{16}^4\ \Phi_1^4$
96781	1440	2992	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2992}\ \Phi_{187}$
96782	1440	1439	$\frac{27}{1439}$	$\frac{181}{1439}$	$\frac{353}{1439}$	$\frac{629}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96783	1440	1439	$\frac{17}{1439}$	$\frac{193}{1439}$	$\frac{474}{1439}$	$\frac{623}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96784	1440	1439	$\frac{34}{1439}$	$\frac{193}{1439}$	$\frac{281}{1439}$	$\frac{623}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96785	1440	1517	$\frac{1}{41}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	Φ_{1517}
96786	1440	1439	$\frac{41}{1439}$	$\frac{201}{1439}$	$\frac{233}{1439}$	$\frac{619}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96787	1440	273	$\frac{1}{91}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{273}^8\ \Phi_{39}^8\ \Phi_{21}^7\ \Phi_3^6$
96788	1440	1253	$\frac{2}{179}$	$\frac{1}{7}$	$\frac{59}{179}$	$\frac{3}{7}$	$\Phi_{1253}\ \Phi_{179}^2\ \Phi_7^2\ \Phi_1^4$
96789	1440	511	$\frac{1}{73}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{511}^3\ \Phi_{73}^2$
96790	1440	1708	$\frac{1}{61}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1708}\ \Phi_{854}\ \Phi_{244}^2\ \Phi_{122}^2$
96791	1440	1253	$\frac{3}{179}$	$\frac{1}{7}$	$\frac{44}{179}$	$\frac{3}{7}$	$\Phi_{1253}\ \Phi_{179}^2\ \Phi_7^2\ \Phi_1^4$
96792	1440	1610	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{70}\ \Phi_{10}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
96793	1440	1253	$\frac{4}{179}$	$\frac{1}{7}$	$\frac{35}{179}$	$\frac{3}{7}$	$\Phi_{1253}\ \Phi_{179}^2\ \Phi_7^2\ \Phi_1^4$
96794	1440	1554	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{1554}\ \Phi_{777}\ \Phi_{518}\ \Phi_{222}^2\ \Phi_{111}^2\ \Phi_{74}^2$
96795	1440	1253	$\frac{5}{179}$	$\frac{1}{7}$	$\frac{29}{179}$	$\frac{3}{7}$	$\Phi_{1253}\ \Phi_{179}^2\ \Phi_7^2\ \Phi_1^4$
96796	1440	217	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{217}^7\ \Phi_{31}^6$
96797	1440	1253	$\frac{8}{179}$	$\frac{19}{179}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1253}\ \Phi_{179}^2\ \Phi_7^2\ \Phi_1^4$
96798	1440	210	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{210}^8\ \Phi_{105}^8\ \Phi_{70}^7\ \Phi_{42}^8\ \Phi_{35}^7\ \Phi_{30}^8\ \Phi_{15}^8\ \Phi_{14}^7\ \Phi_{10}^6\ \Phi_6^8\ \Phi_5^6\ \Phi_2^6$
96799	1440	1253	$\frac{9}{179}$	$\frac{17}{179}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1253}\ \Phi_{179}^2\ \Phi_7^2\ \Phi_1^4$
96800	1440	1463	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1463}\ \Phi_{209}^2$
96801	1440	833	$\frac{1}{17}$	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{833}^2\ \Phi_{119}$
96802	1440	1253	$\frac{11}{179}$	$\frac{14}{179}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1253}\ \Phi_{179}^2\ \Phi_7^2\ \Phi_1^4$
96803	1440	1456	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{208}^2\ \Phi_{182}\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{26}^2$
96804	1440	1439	$\frac{55}{1439}$	$\frac{173}{1439}$	$\frac{211}{1439}$	$\frac{614}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96805	1440	1525	$\frac{1}{25}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{26}{61}$	$\Phi_{1525}\ \Phi_{305}$
96806	1440	1533	$\frac{1}{21}$	$\frac{7}{73}$	$\frac{11}{73}$	$\frac{31}{73}$	$\Phi_{1533}\ \Phi_{511}\ \Phi_{219}$
96807	1440	1439	$\frac{23}{1439}$	$\frac{217}{1439}$	$\frac{354}{1439}$	$\frac{611}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96808	1440	1439	$\frac{69}{1439}$	$\frac{137}{1439}$	$\frac{217}{1439}$	$\frac{611}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96809	1440	1439	$\frac{83}{1439}$	$\frac{113}{1439}$	$\frac{221}{1439}$	$\frac{609}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96810	1440	442	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{26}$	$\Phi_{442}^6\ \Phi_{221}\ \Phi_{34}^6$
96811	1440	1552	$\frac{1}{16}$	$\frac{7}{97}$	$\frac{15}{97}$	$\frac{41}{97}$	$\Phi_{1552}\ \Phi_{776}\ \Phi_{388}\ \Phi_{194}$
96812	1440	1439	$\frac{89}{1439}$	$\frac{104}{1439}$	$\frac{225}{1439}$	$\frac{607}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96813	1440	1573	$\frac{7}{121}$	$\frac{1}{13}$	$\frac{19}{121}$	$\frac{51}{121}$	$\Phi_{1573}\ \Phi_{143}$
96814	1440	1595	$\frac{7}{145}$	$\frac{1}{11}$	$\frac{23}{145}$	$\frac{61}{145}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{55}$
96815	1440	1439	$\frac{65}{1439}$	$\frac{139}{1439}$	$\frac{229}{1439}$	$\frac{605}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96816	1440	690	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{11}{69}$	$\frac{29}{69}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{230}^3\ \Phi_{138}^2\ \Phi_{115}^3\ \Phi_{46}^3\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_2^2$
96817	1440	1629	$\frac{7}{181}$	$\frac{1}{9}$	$\frac{29}{181}$	$\frac{76}{181}$	$\Phi_{1629}\ \Phi_{543}$
96818	1440	1439	$\frac{53}{1439}$	$\frac{167}{1439}$	$\frac{231}{1439}$	$\frac{604}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96819	1440	1519	$\frac{1}{49}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{1519}\ \Phi_{217}$
96820	1440	1687	$\frac{7}{241}$	$\frac{1}{7}$	$\frac{39}{241}$	$\frac{101}{241}$	Φ_{1687}
96821	1440	1439	$\frac{41}{1439}$	$\frac{209}{1439}$	$\frac{233}{1439}$	$\frac{603}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96822	1440	1734	$\frac{7}{289}$	$\frac{47}{289}$	$\frac{1}{6}$	$\frac{121}{289}$	$\Phi_{1734}\ \Phi_{867}\ \Phi_{578}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
96823	1440	1439	$\frac{29}{1439}$	$\frac{235}{1439}$	$\frac{279}{1439}$	$\frac{602}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96824	1440	1805	$\frac{7}{361}$	$\frac{59}{361}$	$\frac{1}{5}$	$\frac{151}{361}$	$\Phi_{1805}\ \Phi_{95}$
96825	1440	1924	$\frac{7}{481}$	$\frac{79}{481}$	$\frac{1}{4}$	$\frac{201}{481}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
96826	1440	1439	$\frac{17}{1439}$	$\frac{237}{1439}$	$\frac{419}{1439}$	$\frac{601}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96827	1440	309	$\frac{1}{103}$	$\frac{17}{103}$	$\frac{1}{3}$	$\frac{43}{103}$	$\Phi_{309}^7\ \Phi_3^6$
96828	1440	1439	$\frac{14}{1439}$	$\frac{241}{1439}$	$\frac{475}{1439}$	$\frac{599}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96829	1440	1439	$\frac{35}{1439}$	$\frac{234}{1439}$	$\frac{241}{1439}$	$\frac{599}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96830	1440	1517	$\frac{1}{37}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	Φ_{1517}
96831	1440	1439	$\frac{47}{1439}$	$\frac{174}{1439}$	$\frac{253}{1439}$	$\frac{593}{1439}$	$\Phi_{1439}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
96832	1440	1547	$\frac{1}{91}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}$
96833	1440	1439	$\frac{53}{1439}$	$\frac{154}{1439}$	$\frac{257}{1439}$	$\frac{591}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
96834	1440	1525	$\frac{1}{25}$	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{25}{61}$	$\Phi_{1525}\ \Phi_{305}$
96835	1440	1439	$\frac{71}{1439}$	$\frac{114}{1439}$	$\frac{265}{1439}$	$\frac{587}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
96836	1440	513	$\frac{1}{19}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{513}^3\ \Phi_{171}^3\ \Phi_{57}^3\ \Phi_{19}^2$
96837	1440	1547	$\frac{1}{17}$	$\frac{6}{91}$	$\frac{17}{91}$	$\frac{37}{91}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}$
96838	1440	1439	$\frac{19}{1439}$	$\frac{271}{1439}$	$\frac{355}{1439}$	$\frac{584}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
96839	1440	1439	$\frac{84}{1439}$	$\frac{95}{1439}$	$\frac{271}{1439}$	$\frac{584}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
96840	1440	1439	$\frac{74}{1439}$	$\frac{107}{1439}$	$\frac{273}{1439}$	$\frac{583}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
96841	1440	1573	$\frac{6}{121}$	$\frac{1}{13}$	$\frac{23}{121}$	$\frac{49}{121}$	$\Phi_{1573}\ \Phi_{143}$
96842	1440	1439	$\frac{54}{1439}$	$\frac{143}{1439}$	$\frac{277}{1439}$	$\frac{581}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
96843	1440	1610	$\frac{6}{161}$	$\frac{1}{10}$	$\frac{31}{161}$	$\frac{65}{161}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{322}\ \Phi_{230}\ \Phi_{115}\ \Phi_{70}\ \Phi_{46}\ \Phi_{35}\ \Phi_{14}$
96844	1440	1629	$\frac{6}{181}$	$\frac{1}{9}$	$\frac{35}{181}$	$\frac{73}{181}$	$\Phi_{1629}\ \Phi_{543}$
96845	1440	1687	$\frac{6}{241}$	$\frac{1}{7}$	$\frac{47}{241}$	$\frac{97}{241}$	Φ_{1687}
96846	1440	1439	$\frac{34}{1439}$	$\frac{215}{1439}$	$\frac{281}{1439}$	$\frac{579}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
96847	1440	1439	$\frac{24}{1439}$	$\frac{283}{1439}$	$\frac{287}{1439}$	$\frac{578}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
96848	1440	1805	$\frac{6}{361}$	$\frac{71}{361}$	$\frac{1}{5}$	$\frac{145}{361}$	$\Phi_{1805}\ \Phi_{95}$
96849	1440	1924	$\frac{6}{481}$	$\frac{95}{481}$	$\frac{1}{4}$	$\frac{193}{481}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
96850	1440	1439	$\frac{14}{1439}$	$\frac{285}{1439}$	$\frac{431}{1439}$	$\frac{577}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
96851	1440	2163	$\frac{6}{721}$	$\frac{143}{721}$	$\frac{1}{3}$	$\frac{289}{721}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
96852	1440	1815	$\frac{1}{121}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1815}\ \Phi_{363}^2\ \Phi_{165}\ \Phi_{33}^2$
96853	1440	1195	$\frac{2}{239}$	$\frac{1}{5}$	$\frac{79}{239}$	$\frac{2}{5}$	$\Phi_{1195}\ \Phi_{239}^2\ \Phi_{5}^2\ \Phi_{1}^4$
96854	1440	1620	$\frac{1}{81}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{324}^2\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{6}^2$
96855	1440	1195	$\frac{3}{239}$	$\frac{1}{5}$	$\frac{59}{239}$	$\frac{2}{5}$	$\Phi_{1195}\ \Phi_{239}^2\ \Phi_{5}^2\ \Phi_{1}^4$
96856	1440	305	$\frac{1}{61}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{305}^5\ \Phi_{61}^4$
96857	1440	1195	$\frac{4}{239}$	$\frac{47}{239}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1195}\ \Phi_{239}^2\ \Phi_{5}^2\ \Phi_{1}^4$
96858	1440	1470	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{294}^2\ \Phi_{210}\ \Phi_{147}^2\ \Phi_{105}\ \Phi_{98}^2\ \Phi_{70}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
96859	1440	1195	$\frac{5}{239}$	$\frac{39}{239}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1195}\ \Phi_{239}^2\ \Phi_{5}^2\ \Phi_{1}^4$
96860	1440	1435	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1435}\ \Phi_{287}^2$
96861	1440	1195	$\frac{7}{239}$	$\frac{29}{239}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1195}\ \Phi_{239}^2\ \Phi_{5}^2\ \Phi_{1}^4$
96862	1440	1395	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}^2\ \Phi_{93}^2$
96863	1440	1195	$\frac{9}{239}$	$\frac{23}{239}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1195}\ \Phi_{239}^2\ \Phi_{5}^2\ \Phi_{1}^4$
96864	1440	275	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{275}^6\ \Phi_{55}^5\ \Phi_{11}^4$
96865	1440	1195	$\frac{11}{239}$	$\frac{19}{239}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1195}\ \Phi_{239}^2\ \Phi_{5}^2\ \Phi_{1}^4$
96866	1440	1365	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}^2\ \Phi_{195}\ \Phi_{91}^2\ \Phi_{39}^2$
96867	1440	1195	$\frac{14}{239}$	$\frac{15}{239}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1195}\ \Phi_{239}^2\ \Phi_{5}^2\ \Phi_{1}^4$
96868	1440	1360	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{272}^2\ \Phi_{170}\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{34}^2$
96869	1440	1439	$\frac{24}{1439}$	$\frac{283}{1439}$	$\frac{289}{1439}$	$\frac{575}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
96870	1440	1439	$\frac{29}{1439}$	$\frac{235}{1439}$	$\frac{301}{1439}$	$\frac{569}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96871	1440	1518	$\frac{1}{46}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{253}\ \Phi_{138}\ \Phi_{69}\ \Phi_{66}\ \Phi_{22}\ \Phi_6$
96872	1440	1517	$\frac{1}{37}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	Φ_{1517}
96873	1440	1439	$\frac{11}{1439}$	$\frac{321}{1439}$	$\frac{476}{1439}$	$\frac{559}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96874	1440	1439	$\frac{44}{1439}$	$\frac{155}{1439}$	$\frac{321}{1439}$	$\frac{559}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96875	1440	1519	$\frac{1}{31}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{1519}\ \Phi_{217}$
96876	1440	1439	$\frac{49}{1439}$	$\frac{139}{1439}$	$\frac{325}{1439}$	$\frac{557}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96877	1440	1439	$\frac{59}{1439}$	$\frac{115}{1439}$	$\frac{331}{1439}$	$\frac{554}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96878	1440	1573	$\frac{1}{121}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1573}\ \Phi_{143}$
96879	1440	1533	$\frac{1}{21}$	$\frac{5}{73}$	$\frac{17}{73}$	$\frac{28}{73}$	$\Phi_{1533}\ \Phi_{511}\ \Phi_{219}$
96880	1440	1439	$\frac{74}{1439}$	$\frac{91}{1439}$	$\frac{337}{1439}$	$\frac{551}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96881	1440	1539	$\frac{1}{19}$	$\frac{5}{81}$	$\frac{19}{81}$	$\frac{31}{81}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{57}$
96882	1440	1439	$\frac{75}{1439}$	$\frac{89}{1439}$	$\frac{341}{1439}$	$\frac{549}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96883	1440	1552	$\frac{5}{97}$	$\frac{1}{16}$	$\frac{23}{97}$	$\frac{37}{97}$	$\Phi_{1552}\ \Phi_{776}\ \Phi_{388}\ \Phi_{194}$
96884	1440	1439	$\frac{67}{1439}$	$\frac{99}{1439}$	$\frac{343}{1439}$	$\frac{548}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96885	1440	1573	$\frac{5}{121}$	$\frac{1}{13}$	$\frac{29}{121}$	$\frac{46}{121}$	$\Phi_{1573}\ \Phi_{143}$
96886	1440	319	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{7}{29}$	$\frac{11}{29}$	$\Phi_{319}^5\ \Phi_{11}^4$
96887	1440	1610	$\frac{5}{161}$	$\frac{1}{10}$	$\frac{39}{161}$	$\frac{61}{161}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{322}\ \Phi_{230}\ \Phi_{115}\ \Phi_{70}\ \Phi_{46}\ \Phi_{35}\ \Phi_{14}$
96888	1440	1439	$\frac{43}{1439}$	$\frac{149}{1439}$	$\frac{349}{1439}$	$\frac{545}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96889	1440	1439	$\frac{35}{1439}$	$\frac{179}{1439}$	$\frac{351}{1439}$	$\frac{544}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96890	1440	1687	$\frac{5}{241}$	$\frac{1}{7}$	$\frac{59}{241}$	$\frac{91}{241}$	Φ_{1687}
96891	1440	1439	$\frac{27}{1439}$	$\frac{224}{1439}$	$\frac{353}{1439}$	$\frac{543}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96892	1440	1734	$\frac{5}{289}$	$\frac{1}{6}$	$\frac{71}{289}$	$\frac{109}{289}$	$\Phi_{1734}\ \Phi_{867}\ \Phi_{578}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
96893	1440	1805	$\frac{5}{361}$	$\frac{1}{5}$	$\frac{89}{361}$	$\frac{136}{361}$	$\Phi_{1805}\ \Phi_{95}$
96894	1440	1439	$\frac{19}{1439}$	$\frac{299}{1439}$	$\frac{355}{1439}$	$\frac{542}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96895	1440	1924	$\frac{5}{481}$	$\frac{119}{481}$	$\frac{1}{4}$	$\frac{181}{481}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
96896	1440	1439	$\frac{11}{1439}$	$\frac{357}{1439}$	$\frac{449}{1439}$	$\frac{541}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96897	1440	2163	$\frac{5}{721}$	$\frac{179}{721}$	$\frac{1}{3}$	$\frac{271}{721}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
96898	1440	3480	$\frac{1}{145}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{3480}\ \Phi_{696}\ \Phi_{435}\ \Phi_{120}\ \Phi_{87}\ \Phi_{15}$
96899	1440	2296	$\frac{2}{287}$	$\frac{1}{4}$	$\frac{95}{287}$	$\frac{3}{8}$	$\Phi_{2296}\ \Phi_{328}\ \Phi_{287}\ \Phi_{56}\ \Phi_{41}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
96900	1440	776	$\frac{1}{97}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{776}^3\ \Phi_{388}\ \Phi_{194}$
96901	1440	2296	$\frac{3}{287}$	$\frac{71}{287}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2296}\ \Phi_{328}\ \Phi_{287}\ \Phi_{56}\ \Phi_{41}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
96902	1440	2920	$\frac{1}{73}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2920}\ \Phi_{365}$
96903	1440	2296	$\frac{5}{287}$	$\frac{47}{287}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2296}\ \Phi_{328}\ \Phi_{287}\ \Phi_{56}\ \Phi_{41}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
96904	1440	392	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{392}^6\ \Phi_{56}^5\ \Phi_{49}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_1^6$
96905	1440	328	$\frac{1}{41}$	$\frac{5}{41}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{328}^7\ \Phi_{41}^7\ \Phi_8^8\ \Phi_1^8$
96906	1440	2664	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2664}\ \Phi_{888}\ \Phi_{333}\ \Phi_{111}$
96907	1440	2296	$\frac{8}{287}$	$\frac{31}{287}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2296}\ \Phi_{328}\ \Phi_{287}\ \Phi_{56}\ \Phi_{41}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
96908	1440	1320	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{120}^2\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{55}\ \Phi_{30}\ \Phi_{24}\ \Phi_{22}\ \Phi_{15}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
96909	1440	2296	$\frac{11}{287}$	$\frac{23}{287}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2296}\ \Phi_{328}\ \Phi_{287}\ \Phi_{56}\ \Phi_{41}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
96910	1440	2600	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{325}\ \Phi_{65}$
96911	1440	2296	$\frac{15}{287}$	$\frac{17}{287}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2296}\ \Phi_{328}\ \Phi_{287}\ \Phi_{56}\ \Phi_{41}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
96912	1440	2584	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2584}\ \Phi_{323}$
96913	1440	1439	$\frac{15}{1439}$	$\frac{356}{1439}$	$\frac{361}{1439}$	$\frac{539}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96914	1440	1539	$\frac{1}{81}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{57}$
96915	1440	1439	$\frac{19}{1439}$	$\frac{284}{1439}$	$\frac{385}{1439}$	$\frac{527}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96916	1440	1439	$\frac{23}{1439}$	$\frac{236}{1439}$	$\frac{401}{1439}$	$\frac{519}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96917	1440	1525	$\frac{1}{61}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1525}\ \Phi_{305}$
96918	1440	1519	$\frac{1}{49}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{1519}\ \Phi_{217}$
96919	1440	1439	$\frac{31}{1439}$	$\frac{176}{1439}$	$\frac{421}{1439}$	$\frac{509}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96920	1440	1517	$\frac{1}{41}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	Φ_{1517}
96921	1440	1439	$\frac{39}{1439}$	$\frac{140}{1439}$	$\frac{433}{1439}$	$\frac{503}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96922	1440	1519	$\frac{1}{31}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{1519}\ \Phi_{217}$
96923	1440	1439	$\frac{47}{1439}$	$\frac{116}{1439}$	$\frac{441}{1439}$	$\frac{499}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96924	1440	1525	$\frac{1}{25}$	$\frac{4}{61}$	$\frac{19}{61}$	$\frac{21}{61}$	$\Phi_{1525}\ \Phi_{305}$
96925	1440	1439	$\frac{59}{1439}$	$\frac{92}{1439}$	$\frac{449}{1439}$	$\frac{495}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96926	1440	1439	$\frac{63}{1439}$	$\frac{86}{1439}$	$\frac{451}{1439}$	$\frac{494}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96927	1440	1533	$\frac{1}{21}$	$\frac{4}{73}$	$\frac{23}{73}$	$\frac{25}{73}$	$\Phi_{1533}\ \Phi_{511}\ \Phi_{219}$
96928	1440	1439	$\frac{68}{1439}$	$\frac{79}{1439}$	$\frac{457}{1439}$	$\frac{491}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96929	1440	1547	$\frac{4}{91}$	$\frac{1}{17}$	$\frac{29}{91}$	$\frac{31}{91}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}$
96930	1440	1552	$\frac{4}{97}$	$\frac{1}{16}$	$\frac{31}{97}$	$\frac{33}{97}$	$\Phi_{1552}\ \Phi_{776}\ \Phi_{388}\ \Phi_{194}$
96931	1440	1439	$\frac{56}{1439}$	$\frac{95}{1439}$	$\frac{461}{1439}$	$\frac{489}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96932	1440	1573	$\frac{4}{121}$	$\frac{1}{13}$	$\frac{39}{121}$	$\frac{41}{121}$	$\Phi_{1573}\ \Phi_{143}$
96933	1440	1439	$\frac{44}{1439}$	$\frac{119}{1439}$	$\frac{465}{1439}$	$\frac{487}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96934	1440	1595	$\frac{4}{145}$	$\frac{1}{11}$	$\frac{47}{145}$	$\frac{49}{145}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{55}$
96935	1440	1439	$\frac{32}{1439}$	$\frac{159}{1439}$	$\frac{469}{1439}$	$\frac{485}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96936	1440	1629	$\frac{4}{181}$	$\frac{1}{9}$	$\frac{59}{181}$	$\frac{61}{181}$	$\Phi_{1629}\ \Phi_{543}$
96937	1440	1439	$\frac{26}{1439}$	$\frac{191}{1439}$	$\frac{471}{1439}$	$\frac{484}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96938	1440	1687	$\frac{4}{241}$	$\frac{1}{7}$	$\frac{79}{241}$	$\frac{81}{241}$	Φ_{1687}
96939	1440	1439	$\frac{20}{1439}$	$\frac{239}{1439}$	$\frac{473}{1439}$	$\frac{483}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96940	1440	1734	$\frac{4}{289}$	$\frac{1}{6}$	$\frac{95}{289}$	$\frac{97}{289}$	$\Phi_{1734}\ \Phi_{867}\ \Phi_{578}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
96941	1440	1805	$\frac{4}{361}$	$\frac{1}{5}$	$\frac{119}{361}$	$\frac{121}{361}$	$\Phi_{1805}\ \Phi_{95}$
96942	1440	1439	$\frac{14}{1439}$	$\frac{319}{1439}$	$\frac{475}{1439}$	$\frac{482}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96943	1440	1924	$\frac{4}{481}$	$\frac{1}{4}$	$\frac{159}{481}$	$\frac{161}{481}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
96944	1440	1439	$\frac{8}{1439}$	$\frac{477}{1439}$	$\frac{479}{1439}$	$\frac{481}{1439}$	$\Phi_{1439}\ \Phi_1^2$
96945	1440	2163	$\frac{4}{721}$	$\frac{239}{721}$	$\frac{1}{3}$	$\frac{241}{721}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
96946	1440	543	$\frac{1}{181}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{543}^3\ \Phi_{181}^2$
96947	1440	1077	$\frac{2}{359}$	$\frac{119}{359}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1077}\ \Phi_{359}^2\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
96948	1440	1452	$\frac{1}{121}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{484}^2\ \Phi_{242}^2\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{22}^2$
96949	1440	1077	$\frac{3}{359}$	$\frac{89}{359}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1077}\ \Phi_{359}^2\ \Phi_3^2\ \Phi_1^4$
96950	1440	1365	$\frac{1}{91}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}^2\ \Phi_{195}\ \Phi_{105}\ \Phi_{65}^2\ \Phi_{35}^2$
96951	1440	1077	$\frac{4}{359}$	$\frac{71}{359}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1077}\ \Phi_{359}^2\ \Phi_3^2\ \Phi_1^4$
96952	1440	438	$\frac{1}{73}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{438}^4\ \Phi_{219}^3\ \Phi_{146}^4\ \Phi_{73}^2$
96953	1440	1077	$\frac{5}{359}$	$\frac{59}{359}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1077}\ \Phi_{359}^2\ \Phi_3^2\ \Phi_1^4$
96954	1440	1281	$\frac{1}{61}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1281}\ \Phi_{427}^2$
96955	1440	1077	$\frac{7}{359}$	$\frac{44}{359}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1077}\ \Phi_{359}^2\ \Phi_3^2\ \Phi_1^4$
96956	1440	414	$\frac{1}{46}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{414}^4\ \Phi_{207}^4\ \Phi_{138}^3\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{18}^4\ \Phi_6^3\ \Phi_2^2$
96957	1440	1077	$\frac{8}{359}$	$\frac{39}{359}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1077}\ \Phi_{359}^2\ \Phi_3^2\ \Phi_1^4$
96958	1440	1230	$\frac{1}{41}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{410}^2\ \Phi_{246}\ \Phi_{205}^2\ \Phi_{82}^2$
96959	1440	1077	$\frac{9}{359}$	$\frac{35}{359}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1077}\ \Phi_{359}^2\ \Phi_3^2\ \Phi_1^4$
96960	1440	1221	$\frac{1}{37}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1221}\ \Phi_{407}^2$
96961	1440	1077	$\frac{11}{359}$	$\frac{29}{359}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1077}\ \Phi_{359}^2\ \Phi_3^2\ \Phi_1^4$
96962	1440	1209	$\frac{1}{31}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1209}\ \Phi_{403}^2$
96963	1440	1077	$\frac{14}{359}$	$\frac{23}{359}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1077}\ \Phi_{359}^2\ \Phi_3^2\ \Phi_1^4$
96964	1440	1200	$\frac{1}{25}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}^2\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}^2\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
96965	1440	1077	$\frac{17}{359}$	$\frac{19}{359}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1077}\ \Phi_{359}^2\ \Phi_3^2\ \Phi_1^4$
96966	1440	399	$\frac{1}{21}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{399}^4\ \Phi_{133}^4\ \Phi_{57}^3\ \Phi_{19}^2$
96967	1440	2868	$\frac{2}{239}$	$\frac{1}{4}$	$\frac{79}{239}$	$\frac{1}{3}$	$\Phi_{2868}\ \Phi_{1434}\ \Phi_{12}^2\ \Phi_6^2$
96968	1440	309	$\frac{1}{103}$	$\frac{23}{103}$	$\frac{34}{103}$	$\frac{1}{3}$	$\Phi_{309}^7\ \Phi_3^6$
96969	1440	2685	$\frac{2}{179}$	$\frac{1}{5}$	$\frac{59}{179}$	$\frac{1}{3}$	$\Phi_{2685}\ \Phi_{15}^2$
96970	1440	2163	$\frac{10}{721}$	$\frac{121}{721}$	$\frac{237}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
96971	1440	858	$\frac{2}{143}$	$\frac{1}{6}$	$\frac{47}{143}$	$\frac{1}{3}$	$\Phi_{858}^2\ \Phi_{429}\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{78}^2\ \Phi_{66}^2\ \Phi_{39}\ \Phi_{33}\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
96972	1440	357	$\frac{2}{119}$	$\frac{1}{7}$	$\frac{39}{119}$	$\frac{1}{3}$	$\Phi_{357}^6\ \Phi_{51}^6\ \Phi_{21}^7\ \Phi_3^6$
96973	1440	2163	$\frac{13}{721}$	$\frac{97}{721}$	$\frac{236}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
96974	1440	2163	$\frac{16}{721}$	$\frac{81}{721}$	$\frac{235}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
96975	1440	801	$\frac{2}{89}$	$\frac{1}{9}$	$\frac{29}{89}$	$\frac{1}{3}$	$\Phi_{801}^2\ \Phi_{267}\ \Phi_{89}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
96976	1440	2343	$\frac{2}{71}$	$\frac{1}{11}$	$\frac{23}{71}$	$\frac{1}{3}$	$\Phi_{2343}\ \Phi_{33}^2$
96977	1440	2163	$\frac{22}{721}$	$\frac{61}{721}$	$\frac{233}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
96978	1440	2301	$\frac{2}{59}$	$\frac{1}{13}$	$\frac{19}{59}$	$\frac{1}{3}$	$\Phi_{2301}\ \Phi_{39}^2$
96979	1440	309	$\frac{4}{103}$	$\frac{7}{103}$	$\frac{33}{103}$	$\frac{1}{3}$	$\Phi_{309}^7\ \Phi_3^6$
96980	1440	2256	$\frac{2}{47}$	$\frac{1}{16}$	$\frac{15}{47}$	$\frac{1}{3}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{564}\ \Phi_{282}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
96981	1440	1122	$\frac{1}{22}$	$\frac{1}{17}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{1122}^2\ \Phi_{561}^2\ \Phi_{102}^2\ \Phi_{51}^3$
96982	1440	2163	$\frac{34}{721}$	$\frac{41}{721}$	$\frac{229}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
96983	1440	2223	$\frac{2}{39}$	$\frac{1}{19}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{2223}\ \Phi_{171}\ \Phi_{57}$
96984	1440	105	$\frac{1}{21}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{105}^{13}\ \Phi_{35}^{14}\ \Phi_{21}^{15}\ \Phi_{15}^{13}\ \Phi_7^{16}\ \Phi_5^{14}\ \Phi_3^{14}\ \Phi_1^{16}$
96985	1440	2163	$\frac{33}{721}$	$\frac{43}{721}$	$\frac{226}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
96986	1440	2163	$\frac{31}{721}$	$\frac{46}{721}$	$\frac{225}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
96987	1440	2175	$\frac{1}{25}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{2175}\ \Phi_{435}\ \Phi_{75}^2\ \Phi_{15}^2$
96988	1440	2163	$\frac{25}{721}$	$\frac{58}{721}$	$\frac{221}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
96989	1440	2139	$\frac{1}{31}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{2139}\ \Phi_{93}^2$
96990	1440	309	$\frac{3}{103}$	$\frac{10}{103}$	$\frac{31}{103}$	$\frac{1}{3}$	$\Phi_{309}^7\ \Phi_3^6$
96991	1440	2091	$\frac{1}{41}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{2091}\ \Phi_{123}^2$
96992	1440	2163	$\frac{17}{721}$	$\frac{88}{721}$	$\frac{211}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
96993	1440	2070	$\frac{1}{46}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{414}\ \Phi_{207}\ \Phi_{138}\ \Phi_{90}\ \Phi_{69}\ \Phi_{18}\ \Phi_6$
96994	1440	147	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{147}^{15}\ \Phi_{21}^{13}\ \Phi_3^{12}$
96995	1440	2163	$\frac{13}{721}$	$\frac{118}{721}$	$\frac{201}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
96996	1440	2013	$\frac{1}{61}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{2013}\ \Phi_{183}^2$
96997	1440	2163	$\frac{11}{721}$	$\frac{142}{721}$	$\frac{193}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
96998	1440	1971	$\frac{1}{73}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1971}\ \Phi_{219}$
96999	1440	2163	$\frac{9}{721}$	$\frac{178}{721}$	$\frac{181}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
97000	1440	324	$\frac{1}{81}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{108}^4\ \Phi_{81}^6\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^6\ \Phi_{18}^4\ \Phi_{12}^2\ \Phi_9^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
97001	1440	2868	$\frac{3}{239}$	$\frac{59}{239}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2868}\ \Phi_{1434}\ \Phi_{12}^2\ \Phi_6^2$
97002	1440	3660	$\frac{1}{61}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3660}\ \Phi_{1830}$
97003	1440	2868	$\frac{4}{239}$	$\frac{47}{239}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2868}\ \Phi_{1434}\ \Phi_{12}^2\ \Phi_6^2$
97004	1440	588	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}^3\ \Phi_{294}\ \Phi_{196}^4\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{84}^3\ \Phi_{49}^2\ \Phi_{42}\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2$
97005	1440	2868	$\frac{5}{239}$	$\frac{39}{239}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2868}\ \Phi_{1434}\ \Phi_{12}^2\ \Phi_6^2$
97006	1440	3444	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3444}\ \Phi_{1722}$
97007	1440	2868	$\frac{7}{239}$	$\frac{29}{239}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2868}\ \Phi_{1434}\ \Phi_{12}^2\ \Phi_6^2$
97008	1440	1116	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{62}^2$
97009	1440	2868	$\frac{9}{239}$	$\frac{23}{239}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2868}\ \Phi_{1434}\ \Phi_{12}^2\ \Phi_6^2$
97010	1440	3300	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{660}\ \Phi_{330}$
97011	1440	2868	$\frac{11}{239}$	$\frac{19}{239}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2868}\ \Phi_{1434}\ \Phi_{12}^2\ \Phi_6^2$
97012	1440	1092	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{26}^2$
97013	1440	2868	$\frac{14}{239}$	$\frac{15}{239}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2868}\ \Phi_{1434}\ \Phi_{12}^2\ \Phi_6^2$
97014	1440	816	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{816}^3\ \Phi_{408}^3\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{51}^3$
97015	1440	2685	$\frac{3}{179}$	$\frac{1}{5}$	$\frac{44}{179}$	$\frac{1}{3}$	$\Phi_{2685}\ \Phi_{15}^2$
97016	1440	2163	$\frac{13}{721}$	$\frac{136}{721}$	$\frac{177}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
97017	1440	858	$\frac{3}{143}$	$\frac{1}{6}$	$\frac{35}{143}$	$\frac{1}{3}$	$\Phi_{858}^2\ \Phi_{429}\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{78}^2\ \Phi_{66}^2\ \Phi_{39}\ \Phi_{33}\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
97018	1440	2163	$\frac{17}{721}$	$\frac{109}{721}$	$\frac{176}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
97019	1440	357	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{29}{119}$	$\frac{1}{3}$	$\Phi_{357}^6\ \Phi_{51}^6\ \Phi_{21}^7\ \Phi_3^6$
97020	1440	309	$\frac{3}{103}$	$\frac{13}{103}$	$\frac{25}{103}$	$\frac{1}{3}$	$\Phi_{309}^7\ \Phi_3^6$
97021	1440	2370	$\frac{3}{79}$	$\frac{1}{10}$	$\frac{19}{79}$	$\frac{1}{3}$	$\Phi_{2370}\ \Phi_{1185}\ \Phi_{474}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
97022	1440	2343	$\frac{3}{71}$	$\frac{1}{11}$	$\frac{17}{71}$	$\frac{1}{3}$	$\Phi_{2343}\ \Phi_{33}^2$
97023	1440	2163	$\frac{33}{721}$	$\frac{61}{721}$	$\frac{172}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
97024	1440	2301	$\frac{3}{59}$	$\frac{1}{13}$	$\frac{14}{59}$	$\frac{1}{3}$	$\Phi_{2301}\ \Phi_{39}^2$
97025	1440	2163	$\frac{37}{721}$	$\frac{55}{721}$	$\frac{171}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
97026	1440	2163	$\frac{45}{721}$	$\frac{46}{721}$	$\frac{169}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
97027	1440	2256	$\frac{1}{16}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{1}{3}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{564}\ \Phi_{282}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
97028	1440	741	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{741}^3\ \Phi_{57}^4$
97029	1440	2163	$\frac{37}{721}$	$\frac{57}{721}$	$\frac{166}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
97030	1440	105	$\frac{1}{21}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{105}^{13}\ \Phi_{35}^{14}\ \Phi_{21}^{15}\ \Phi_{15}^{13}\ \Phi_{7}^{16}\ \Phi_{5}^{14}\ \Phi_{3}^{14}\ \Phi_{1}^{16}$
97031	1440	2163	$\frac{31}{721}$	$\frac{69}{721}$	$\frac{163}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
97032	1440	309	$\frac{4}{103}$	$\frac{11}{103}$	$\frac{23}{103}$	$\frac{1}{3}$	$\Phi_{309}^7\ \Phi_{3}^6$
97033	1440	2139	$\frac{1}{31}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{2139}\ \Phi_{93}^2$
97034	1440	2109	$\frac{1}{37}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{2109}\ \Phi_{111}^2$
97035	1440	2163	$\frac{19}{721}$	$\frac{117}{721}$	$\frac{151}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
97036	1440	2163	$\frac{16}{721}$	$\frac{141}{721}$	$\frac{145}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
97037	1440	690	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{690}^3\ \Phi_{345}^3\ \Phi_{138}^4\ \Phi_{69}^4\ \Phi_{30}^3\ \Phi_{6}^4$
97038	1440	2685	$\frac{4}{179}$	$\frac{35}{179}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2685}\ \Phi_{15}^2$
97039	1440	1110	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1110}^2\ \Phi_{555}\ \Phi_{370}^2\ \Phi_{185}^2$
97040	1440	2685	$\frac{5}{179}$	$\frac{29}{179}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2685}\ \Phi_{15}^2$
97041	1440	3255	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	Φ_{3255}
97042	1440	2685	$\frac{8}{179}$	$\frac{19}{179}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2685}\ \Phi_{15}^2$
97043	1440	210	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^8\ \Phi_{105}^6\ \Phi_{70}^8\ \Phi_{42}^8\ \Phi_{35}^6\ \Phi_{30}^4\ \Phi_{21}^8\ \Phi_{15}^3\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_{7}^8\ \Phi_{6}^4\ \Phi_{5}^6\ \Phi_{3}^4\ \Phi_{2}^8\ \Phi_{1}^8$
97044	1440	2685	$\frac{9}{179}$	$\frac{17}{179}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2685}\ \Phi_{15}^2$
97045	1440	3135	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	Φ_{3135}
97046	1440	2685	$\frac{11}{179}$	$\frac{14}{179}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2685}\ \Phi_{15}^2$
97047	1440	3120	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{390}$
97048	1440	357	$\frac{4}{119}$	$\frac{1}{7}$	$\frac{23}{119}$	$\frac{1}{3}$	$\Phi_{357}^6\ \Phi_{51}^6\ \Phi_{21}^7\ \Phi_{3}^6$
97049	1440	2163	$\frac{26}{721}$	$\frac{97}{721}$	$\frac{139}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
97050	1440	801	$\frac{4}{89}$	$\frac{1}{9}$	$\frac{17}{89}$	$\frac{1}{3}$	$\Phi_{801}^2\ \Phi_{267}\ \Phi_{89}^2\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^4$
97051	1440	2163	$\frac{36}{721}$	$\frac{73}{721}$	$\frac{137}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
97052	1440	2370	$\frac{4}{79}$	$\frac{1}{10}$	$\frac{15}{79}$	$\frac{1}{3}$	$\Phi_{2370}\ \Phi_{1185}\ \Phi_{474}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
97053	1440	2163	$\frac{41}{721}$	$\frac{65}{721}$	$\frac{136}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
97054	1440	2301	$\frac{4}{59}$	$\frac{1}{13}$	$\frac{11}{59}$	$\frac{1}{3}$	$\Phi_{2301}\ \Phi_{39}^2$
97055	1440	309	$\frac{7}{103}$	$\frac{8}{103}$	$\frac{19}{103}$	$\frac{1}{3}$	$\Phi_{309}^7\ \Phi_{3}^6$
97056	1440	561	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{561}^4\ \Phi_{51}^5$
97057	1440	741	$\frac{1}{19}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{741}^2\ \Phi_{247}^2\ \Phi_{57}^3\ \Phi_{19}^2$
97058	1440	2163	$\frac{37}{721}$	$\frac{76}{721}$	$\frac{129}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
97059	1440	2163	$\frac{33}{721}$	$\frac{86}{721}$	$\frac{127}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
97060	1440	2175	$\frac{1}{25}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{2175}\ \Phi_{435}\ \Phi_{75}^2\ \Phi_{15}^2$
97061	1440	2163	$\frac{25}{721}$	$\frac{116}{721}$	$\frac{121}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
97062	1440	858	$\frac{5}{143}$	$\frac{23}{143}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{858}^2\ \Phi_{429}\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{78}^2\ \Phi_{66}^2\ \Phi_{39}\ \Phi_{33}\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
97063	1440	1050	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{35}^2$
97064	1440	858	$\frac{7}{143}$	$\frac{17}{143}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{858}^2\ \Phi_{429}\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{78}^2\ \Phi_{66}^2\ \Phi_{39}\ \Phi_{33}\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
97065	1440	342	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{342}^6\ \Phi_{171}^4\ \Phi_{114}^4\ \Phi_{57}^3\ \Phi_{38}^4\ \Phi_{19}^2$
97066	1440	858	$\frac{8}{143}$	$\frac{15}{143}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{858}^2\ \Phi_{429}\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{78}^2\ \Phi_{66}^2\ \Phi_{39}\ \Phi_{33}\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
97067	1440	510	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{510}^3\ \Phi_{255}^3\ \Phi_{170}^4\ \Phi_{102}\ \Phi_{85}^4\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2$
97068	1440	462	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{462}^4\ \Phi_{231}^2\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}^2\ \Phi_{42}^4\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_{11}^2\ \Phi_7^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
97069	1440	78	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{78}^{22}\ \Phi_{39}^{11}\ \Phi_{26}^{22}\ \Phi_{13}^{22}\ \Phi_6^{24}\ \Phi_3^{12}\ \Phi_2^{24}\ \Phi_1^{24}$
97070	1440	357	$\frac{5}{119}$	$\frac{1}{7}$	$\frac{19}{119}$	$\frac{1}{3}$	$\Phi_{357}^6\ \Phi_{51}^6\ \Phi_{21}^7\ \Phi_3^6$
97071	1440	2163	$\frac{31}{721}$	$\frac{101}{721}$	$\frac{115}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
97072	1440	801	$\frac{5}{89}$	$\frac{1}{9}$	$\frac{14}{89}$	$\frac{1}{3}$	$\Phi_{801}^2\ \Phi_{267}\ \Phi_{89}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
97073	1440	2163	$\frac{43}{721}$	$\frac{76}{721}$	$\frac{113}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
97074	1440	2343	$\frac{5}{71}$	$\frac{1}{11}$	$\frac{11}{71}$	$\frac{1}{3}$	$\Phi_{2343}\ \Phi_{33}^2$
97075	1440	2163	$\frac{55}{721}$	$\frac{61}{721}$	$\frac{111}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
97076	1440	2301	$\frac{1}{13}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{1}{3}$	$\Phi_{2301}\ \Phi_{39}^2$
97077	1440	2163	$\frac{51}{721}$	$\frac{67}{721}$	$\frac{109}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
97078	1440	2256	$\frac{1}{16}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{3}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{564}\ \Phi_{282}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
97079	1440	2163	$\frac{41}{721}$	$\frac{85}{721}$	$\frac{106}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
97080	1440	21	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{21}^{67}\ \Phi_7^{72}\ \Phi_3^{66}\ \Phi_1^{72}$
97081	1440	2499	$\frac{6}{119}$	$\frac{113}{833}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2499}\ \Phi_{147}\ \Phi_{21}$
97082	1440	357	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{357}^7\ \Phi_{21}^8$
97083	1440	1008	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}\ \Phi_{252}^2\ \Phi_{168}\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
97084	1440	357	$\frac{9}{119}$	$\frac{11}{119}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{357}^6\ \Phi_{51}^6\ \Phi_{21}^7\ \Phi_3^6$
97085	1440	3003	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{3}$	Φ_{3003}
97086	1440	309	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{13}{103}$	$\frac{1}{3}$	$\Phi_{309}^7\ \Phi_3^6$
97087	1440	2370	$\frac{7}{79}$	$\frac{1}{10}$	$\frac{9}{79}$	$\frac{1}{3}$	$\Phi_{2370}\ \Phi_{1185}\ \Phi_{474}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
97088	1440	2163	$\frac{65}{721}$	$\frac{71}{721}$	$\frac{82}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
97089	1440	2343	$\frac{1}{11}$	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{3}$	$\Phi_{2343}\ \Phi_{33}^2$
97090	1440	2163	$\frac{64}{721}$	$\frac{73}{721}$	$\frac{81}{721}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{309}\ \Phi_{21}$
97091	1440	801	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{801}^2\ \Phi_{267}\ \Phi_{89}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
97092	1440	990	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{55}^2\ \Phi_{22}^2$
97093	1440	1309	$\frac{2}{119}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{39}{119}$	$\Phi_{1309}\ \Phi_{187}\ \Phi_{119}^2\ \Phi_{77}\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
97094	1440	2380	$\frac{2}{119}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{39}{119}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{340}\ \Phi_{170}\ \Phi_{140}\ \Phi_{70}\ \Phi_{20}^2\ \Phi_{10}^2$
97095	1440	1439	$\frac{26}{1439}$	$\frac{242}{1439}$	$\frac{399}{1439}$	$\frac{471}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97096	1440	1805	$\frac{7}{361}$	$\frac{1}{5}$	$\frac{81}{361}$	$\frac{118}{361}$	$\Phi_{1805}\ \Phi_{95}$
97097	1440	1439	$\frac{29}{1439}$	$\frac{279}{1439}$	$\frac{323}{1439}$	$\frac{470}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97098	1440	1924	$\frac{10}{481}$	$\frac{81}{481}$	$\frac{1}{4}$	$\frac{157}{481}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
97099	1440	665	$\frac{2}{95}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{31}{95}$	$\Phi_{665}^2\ \Phi_{133}^2\ \Phi_{95}^3\ \Phi_{35}^2\ \Phi_{19}^3\ \Phi_{7}^4\ \Phi_{5}^3\ \Phi_{1}^6$
97100	1440	1140	$\frac{2}{95}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{31}{95}$	$\Phi_{1140}^2\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}^2\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}^2\ \Phi_{57}\ \Phi_{30}\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
97101	1440	1439	$\frac{32}{1439}$	$\frac{194}{1439}$	$\frac{415}{1439}$	$\frac{469}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97102	1440	445	$\frac{2}{89}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{29}{89}$	$\Phi_{445}^3\ \Phi_{89}^4\ \Phi_{5}^6\ \Phi_{1}^8$
97103	1440	1734	$\frac{7}{289}$	$\frac{1}{6}$	$\frac{65}{289}$	$\frac{94}{289}$	$\Phi_{1734}\ \Phi_{867}\ \Phi_{578}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
97104	1440	1439	$\frac{38}{1439}$	$\frac{223}{1439}$	$\frac{324}{1439}$	$\frac{467}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97105	1440	1439	$\frac{38}{1439}$	$\frac{243}{1439}$	$\frac{299}{1439}$	$\frac{467}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97106	1440	148	$\frac{1}{37}$	$\frac{5}{37}$	$\frac{1}{4}$	$\frac{12}{37}$	$\Phi_{148}^{13}\ \Phi_{74}^{13}\ \Phi_{4}^{12}\ \Phi_{2}^{12}$
97107	1440	1805	$\frac{10}{361}$	$\frac{61}{361}$	$\frac{1}{5}$	$\frac{117}{361}$	$\Phi_{1805}\ \Phi_{95}$
97108	1440	1349	$\frac{2}{71}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{23}{71}$	$\Phi_{1349}\ \Phi_{71}^2\ \Phi_{19}^2\ \Phi_{1}^4$
97109	1440	2130	$\frac{2}{71}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{23}{71}$	$\Phi_{2130}\ \Phi_{1065}\ \Phi_{710}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
97110	1440	1439	$\frac{47}{1439}$	$\frac{195}{1439}$	$\frac{311}{1439}$	$\frac{464}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97111	1440	1357	$\frac{2}{59}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{19}{59}$	$\Phi_{1357}\ \Phi_{59}^2\ \Phi_{23}^2\ \Phi_{1}^4$
97112	1440	2124	$\frac{2}{59}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{19}{59}$	$\Phi_{2124}\ \Phi_{1062}\ \Phi_{708}\ \Phi_{354}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{6}^2$
97113	1440	1357	$\frac{2}{59}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{19}{59}$	$\Phi_{1357}\ \Phi_{59}^2\ \Phi_{23}^2\ \Phi_{1}^4$
97114	1440	2065	$\frac{2}{59}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{19}{59}$	$\Phi_{2065}\ \Phi_{35}^2$
97115	1440	1734	$\frac{10}{289}$	$\frac{1}{6}$	$\frac{49}{289}$	$\frac{93}{289}$	$\Phi_{1734}\ \Phi_{867}\ \Phi_{578}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
97116	1440	1439	$\frac{50}{1439}$	$\frac{122}{1439}$	$\frac{439}{1439}$	$\frac{463}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97117	1440	1439	$\frac{50}{1439}$	$\frac{239}{1439}$	$\frac{244}{1439}$	$\frac{463}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97118	1440	1805	$\frac{13}{361}$	$\frac{49}{361}$	$\frac{1}{5}$	$\frac{116}{361}$	$\Phi_{1805}\ \Phi_{95}$
97119	1440	1629	$\frac{7}{181}$	$\frac{1}{9}$	$\frac{41}{181}$	$\frac{58}{181}$	$\Phi_{1629}\ \Phi_{543}$
97120	1440	1439	$\frac{56}{1439}$	$\frac{163}{1439}$	$\frac{319}{1439}$	$\frac{461}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97121	1440	1687	$\frac{10}{241}$	$\frac{1}{7}$	$\frac{41}{241}$	$\frac{77}{241}$	Φ_{1687}
97122	1440	1363	$\frac{2}{47}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{15}{47}$	$\Phi_{1363}\ \Phi_{47}^2\ \Phi_{29}^2\ \Phi_{1}^4$
97123	1440	2068	$\frac{2}{47}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{15}{47}$	$\Phi_{2068}\ \Phi_{1034}\ \Phi_{44}^2\ \Phi_{22}^2$
97124	1440	1363	$\frac{2}{47}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{15}{47}$	$\Phi_{1363}\ \Phi_{47}^2\ \Phi_{29}^2\ \Phi_{1}^4$
97125	1440	1974	$\frac{2}{47}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{15}{47}$	$\Phi_{1974}\ \Phi_{987}\ \Phi_{658}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
97126	1440	1439	$\frac{62}{1439}$	$\frac{98}{1439}$	$\frac{447}{1439}$	$\frac{459}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97127	1440	1439	$\frac{62}{1439}$	$\frac{199}{1439}$	$\frac{245}{1439}$	$\frac{459}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97128	1440	2070	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{47}{207}$	$\frac{22}{69}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{414}\ \Phi_{230}\ \Phi_{115}\ \Phi_{90}\ \Phi_{46}\ \Phi_{45}\ \Phi_{18}$
97129	1440	1805	$\frac{16}{361}$	$\frac{41}{361}$	$\frac{1}{5}$	$\frac{115}{361}$	$\Phi_{1805}\ \Phi_{95}$
97130	1440	1439	$\frac{65}{1439}$	$\frac{139}{1439}$	$\frac{327}{1439}$	$\frac{458}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97131	1440	682	$\frac{1}{22}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{7}{22}$	$\Phi_{682}^2\ \Phi_{341}^2\ \Phi_{62}^2\ \Phi_{31}^3\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_{2}^4\ \Phi_{1}^6$
97132	1440	990	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{7}{22}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{90}^2\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{15}^3$
97133	1440	1924	$\frac{22}{481}$	$\frac{41}{481}$	$\frac{1}{4}$	$\frac{153}{481}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
97134	1440	1595	$\frac{7}{145}$	$\frac{1}{11}$	$\frac{33}{145}$	$\frac{46}{145}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{55}$
97135	1440	468	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{37}{117}$	$\Phi_{468}^6\ \Phi_{234}^6\ \Phi_{52}\ \Phi_{36}^6\ \Phi_{26}\ \Phi_{18}^6$
97136	1440	1439	$\frac{74}{1439}$	$\frac{123}{1439}$	$\frac{329}{1439}$	$\frac{455}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97137	1440	1439	$\frac{74}{1439}$	$\frac{164}{1439}$	$\frac{255}{1439}$	$\frac{455}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
97138	1440	665	$\frac{1}{19}$	$\frac{13}{133}$	$\frac{1}{5}$	$\frac{6}{19}$	$\Phi_{665}^3\ \Phi_{95}\ \Phi_{35}^3$
97139	1440	1439	$\frac{77}{1439}$	$\frac{197}{1439}$	$\frac{207}{1439}$	$\frac{454}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97140	1440	1687	$\frac{13}{241}$	$\frac{33}{241}$	$\frac{1}{7}$	$\frac{76}{241}$	Φ_{1687}
97141	1440	1629	$\frac{10}{181}$	$\frac{1}{9}$	$\frac{31}{181}$	$\frac{57}{181}$	$\Phi_{1629}\ \Phi_{543}$
97142	1440	1734	$\frac{16}{289}$	$\frac{33}{289}$	$\frac{1}{6}$	$\frac{91}{289}$	$\Phi_{1734}\ \Phi_{867}\ \Phi_{578}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
97143	1440	455	$\frac{2}{35}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{11}{35}$	$\Phi_{455}^3\ \Phi_{91}^3\ \Phi_{65}^3\ \Phi_{35}^4\ \Phi_{13}^6\ \Phi_7^4\ \Phi_5^4\ \Phi_1^8$
97144	1440	385	$\frac{2}{35}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{11}{35}$	$\Phi_{385}^4\ \Phi_{77}^4\ \Phi_{55}^5\ \Phi_{11}^4$
97145	1440	1365	$\frac{2}{35}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{11}{35}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{13}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
97146	1440	630	$\frac{2}{35}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{11}{35}$	$\Phi_{630}^3\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^3\ \Phi_{105}\ \Phi_{90}^3\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}^6\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
97147	1440	1439	$\frac{83}{1439}$	$\frac{111}{1439}$	$\frac{329}{1439}$	$\frac{452}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97148	1440	1924	$\frac{28}{481}$	$\frac{33}{481}$	$\frac{1}{4}$	$\frac{151}{481}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
97149	1440	1439	$\frac{86}{1439}$	$\frac{149}{1439}$	$\frac{247}{1439}$	$\frac{451}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97150	1440	1805	$\frac{22}{361}$	$\frac{31}{361}$	$\frac{1}{5}$	$\frac{113}{361}$	$\Phi_{1805}\ \Phi_{95}$
97151	1440	1439	$\frac{92}{1439}$	$\frac{99}{1439}$	$\frac{335}{1439}$	$\frac{449}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97152	1440	1439	$\frac{98}{1439}$	$\frac{124}{1439}$	$\frac{263}{1439}$	$\frac{447}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97153	1440	1972	$\frac{1}{17}$	$\frac{2}{29}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{1972}\ \Phi_{986}\ \Phi_{68}^2\ \Phi_{34}^2$
97154	1440	1363	$\frac{3}{47}$	$\frac{2}{29}$	$\frac{11}{47}$	$\frac{9}{29}$	$\Phi_{1363}\ \Phi_{47}^2\ \Phi_{29}^2\ \Phi_1^4$
97155	1440	1885	$\frac{2}{29}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{9}{29}$	$\Phi_{1885}\ \Phi_{65}^2$
97156	1440	319	$\frac{2}{29}$	$\frac{1}{11}$	$\frac{5}{29}$	$\frac{9}{29}$	$\Phi_{319}^5\ \Phi_{11}^4$
97157	1440	1363	$\frac{2}{29}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{9}{29}$	$\Phi_{1363}\ \Phi_{47}^2\ \Phi_{29}^2\ \Phi_1^4$
97158	1440	1827	$\frac{2}{29}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{9}{29}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{63}^2\ \Phi_{21}^2$
97159	1440	1629	$\frac{13}{181}$	$\frac{1}{9}$	$\frac{25}{181}$	$\frac{56}{181}$	$\Phi_{1629}\ \Phi_{543}$
97160	1440	1439	$\frac{107}{1439}$	$\frac{155}{1439}$	$\frac{199}{1439}$	$\frac{444}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97161	1440	1734	$\frac{22}{289}$	$\frac{25}{289}$	$\frac{1}{6}$	$\frac{89}{289}$	$\Phi_{1734}\ \Phi_{867}\ \Phi_{578}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
97162	1440	1439	$\frac{83}{1439}$	$\frac{110}{1439}$	$\frac{339}{1439}$	$\frac{443}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97163	1440	1439	$\frac{110}{1439}$	$\frac{119}{1439}$	$\frac{249}{1439}$	$\frac{443}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97164	1440	676	$\frac{9}{169}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{676}^3\ \Phi_{338}^3\ \Phi_{52}\ \Phi_{26}$
97165	1440	221	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{221}^7\ \Phi_{17}^6$
97166	1440	1805	$\frac{25}{361}$	$\frac{28}{361}$	$\frac{1}{5}$	$\frac{111}{361}$	$\Phi_{1805}\ \Phi_{95}$
97167	1440	2310	$\frac{6}{77}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{71}{231}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{105}\ \Phi_{70}\ \Phi_{66}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{14}\ \Phi_6$
97168	1440	1573	$\frac{1}{13}$	$\frac{10}{121}$	$\frac{21}{121}$	$\frac{37}{121}$	$\Phi_{1573}\ \Phi_{143}$
97169	1440	1439	$\frac{122}{1439}$	$\frac{125}{1439}$	$\frac{219}{1439}$	$\frac{439}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97170	1440	1932	$\frac{1}{21}$	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{322}\ \Phi_{276}\ \Phi_{138}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_6^2$
97171	1440	1357	$\frac{3}{59}$	$\frac{2}{23}$	$\frac{14}{59}$	$\frac{7}{23}$	$\Phi_{1357}\ \Phi_{59}^2\ \Phi_{23}^2\ \Phi_1^4$
97172	1440	1840	$\frac{1}{16}$	$\frac{2}{23}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
97173	1440	1357	$\frac{4}{59}$	$\frac{2}{23}$	$\frac{11}{59}$	$\frac{7}{23}$	$\Phi_{1357}\ \Phi_{59}^2\ \Phi_{23}^2\ \Phi_1^4$
97174	1440	1794	$\frac{1}{13}$	$\frac{2}{23}$	$\frac{1}{6}$	$\frac{7}{23}$	$\Phi_{1794}\ \Phi_{897}\ \Phi_{598}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2$
97175	1440	1357	$\frac{5}{59}$	$\frac{2}{23}$	$\frac{9}{59}$	$\frac{7}{23}$	$\Phi_{1357}\ \Phi_{59}^2\ \Phi_{23}^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
97176	1440	1771	$\frac{2}{23}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{7}{23}$	$\Phi_{1771}\ \Phi_{77}^2$
97177	1440	230	$\frac{2}{23}$	$\frac{1}{10}$	$\frac{3}{23}$	$\frac{7}{23}$	$\Phi_{230}^7\ \Phi_{115}^7\ \Phi_{46}^7\ \Phi_{10}^6\ \Phi_{5}^6\ \Phi_{2}^6$
97178	1440	1629	$\frac{16}{181}$	$\frac{1}{9}$	$\frac{21}{181}$	$\frac{55}{181}$	$\Phi_{1629}\ \Phi_{543}$
97179	1440	1439	$\frac{128}{1439}$	$\frac{159}{1439}$	$\frac{167}{1439}$	$\frac{437}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97180	1440	1687	$\frac{21}{241}$	$\frac{22}{241}$	$\frac{1}{7}$	$\frac{73}{241}$	Φ_{1687}
97181	1440	1439	$\frac{99}{1439}$	$\frac{134}{1439}$	$\frac{251}{1439}$	$\frac{435}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97182	1440	1805	$\frac{21}{361}$	$\frac{34}{361}$	$\frac{1}{5}$	$\frac{109}{361}$	$\Phi_{1805}\ \Phi_{95}$
97183	1440	1439	$\frac{67}{1439}$	$\frac{137}{1439}$	$\frac{343}{1439}$	$\frac{434}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97184	1440	1439	$\frac{69}{1439}$	$\frac{137}{1439}$	$\frac{335}{1439}$	$\frac{434}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97185	1440	1924	$\frac{21}{481}$	$\frac{46}{481}$	$\frac{1}{4}$	$\frac{145}{481}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
97186	1440	1533	$\frac{1}{21}$	$\frac{7}{73}$	$\frac{17}{73}$	$\frac{22}{73}$	$\Phi_{1533}\ \Phi_{511}\ \Phi_{219}$
97187	1440	1439	$\frac{84}{1439}$	$\frac{146}{1439}$	$\frac{271}{1439}$	$\frac{431}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97188	1440	1552	$\frac{1}{16}$	$\frac{10}{97}$	$\frac{17}{97}$	$\frac{29}{97}$	$\Phi_{1552}\ \Phi_{776}\ \Phi_{388}\ \Phi_{194}$
97189	1440	285	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{5}$	$\frac{17}{57}$	$\Phi_{285}^9\ \Phi_{95}\ \Phi_{15}^9$
97190	1440	1439	$\frac{101}{1439}$	$\frac{152}{1439}$	$\frac{223}{1439}$	$\frac{429}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97191	1440	1573	$\frac{1}{13}$	$\frac{13}{121}$	$\frac{17}{121}$	$\frac{36}{121}$	$\Phi_{1573}\ \Phi_{143}$
97192	1440	1595	$\frac{1}{11}$	$\frac{16}{145}$	$\frac{17}{145}$	$\frac{43}{145}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{55}$
97193	1440	1439	$\frac{127}{1439}$	$\frac{164}{1439}$	$\frac{169}{1439}$	$\frac{425}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97194	1440	1439	$\frac{103}{1439}$	$\frac{167}{1439}$	$\frac{203}{1439}$	$\frac{424}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97195	1440	1687	$\frac{17}{241}$	$\frac{28}{241}$	$\frac{1}{7}$	$\frac{71}{241}$	Φ_{1687}
97196	1440	1343	$\frac{3}{79}$	$\frac{2}{17}$	$\frac{19}{79}$	$\frac{5}{17}$	$\Phi_{1343}\ \Phi_{79}^2\ \Phi_{17}^2\ \Phi_{1}^4$
97197	1440	1785	$\frac{1}{21}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{255}\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{15}^2$
97198	1440	1343	$\frac{4}{79}$	$\frac{2}{17}$	$\frac{15}{79}$	$\frac{5}{17}$	$\Phi_{1343}\ \Phi_{79}^2\ \Phi_{17}^2\ \Phi_{1}^4$
97199	1440	102	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{102}^{17}\ \Phi_{51}^{17}\ \Phi_{34}^{17}\ \Phi_{6}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{16}$
97200	1440	1343	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{1343}\ \Phi_{79}^2\ \Phi_{17}^2\ \Phi_{1}^4$
97201	1440	1683	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{99}^2\ \Phi_{33}^2$
97202	1440	1439	$\frac{79}{1439}$	$\frac{170}{1439}$	$\frac{254}{1439}$	$\frac{423}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97203	1440	1805	$\frac{17}{361}$	$\frac{43}{361}$	$\frac{1}{5}$	$\frac{106}{361}$	$\Phi_{1805}\ \Phi_{95}$
97204	1440	1439	$\frac{55}{1439}$	$\frac{173}{1439}$	$\frac{339}{1439}$	$\frac{422}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97205	1440	1924	$\frac{17}{481}$	$\frac{58}{481}$	$\frac{1}{4}$	$\frac{141}{481}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
97206	1440	1439	$\frac{51}{1439}$	$\frac{182}{1439}$	$\frac{347}{1439}$	$\frac{419}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97207	1440	1439	$\frac{64}{1439}$	$\frac{194}{1439}$	$\frac{275}{1439}$	$\frac{415}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97208	1440	1533	$\frac{1}{21}$	$\frac{10}{73}$	$\frac{13}{73}$	$\frac{21}{73}$	$\Phi_{1533}\ \Phi_{511}\ \Phi_{219}$
97209	1440	924	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{132}^3\ \Phi_{84}^2\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{42}^2\ \Phi_{22}^3\ \Phi_{12}^3\ \Phi_{6}^3$
97210	1440	665	$\frac{3}{95}$	$\frac{1}{7}$	$\frac{23}{95}$	$\frac{2}{7}$	$\Phi_{665}^2\ \Phi_{133}^2\ \Phi_{95}^3\ \Phi_{35}^2\ \Phi_{19}^3\ \Phi_{7}^4\ \Phi_{5}^3\ \Phi_{1}^6$
97211	1440	651	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{651}^3\ \Phi_{217}\ \Phi_{93}^3$
97212	1440	175	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{175}^8\ \Phi_{35}^6\ \Phi_{25}^{12}\ \Phi_{7}^8\ \Phi_{5}^9\ \Phi_{1}^{12}$
97213	1440	133	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{2}{7}$	$\Phi_{133}^{10}\ \Phi_{19}^{15}\ \Phi_{7}^{12}\ \Phi_{1}^{18}$
97214	1440	119	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{119}^{13}\ \Phi_{17}^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
97215	1440	665	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{665}^2\ \Phi_{133}^2\ \Phi_{95}^3\ \Phi_{35}^2\ \Phi_{19}^3\ \Phi_{7}^4\ \Phi_{5}^3\ \Phi_{1}^6$
97216	1440	819	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{819}^2\ \Phi_{273}^2\ \Phi_{117}^3\ \Phi_{39}^3$
97217	1440	70	$\frac{3}{35}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{70}^{23}\ \Phi_{35}^{18}\ \Phi_{14}^{23}\ \Phi_{10}^{22}\ \Phi_{7}^{20}\ \Phi_{5}^{17}\ \Phi_{2}^{22}\ \Phi_{1}^{20}$
97218	1440	1439	$\frac{103}{1439}$	$\frac{167}{1439}$	$\frac{212}{1439}$	$\frac{409}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97219	1440	1439	$\frac{43}{1439}$	$\frac{218}{1439}$	$\frac{349}{1439}$	$\frac{407}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97220	1440	1439	$\frac{129}{1439}$	$\frac{131}{1439}$	$\frac{218}{1439}$	$\frac{407}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97221	1440	1595	$\frac{13}{145}$	$\frac{1}{11}$	$\frac{22}{145}$	$\frac{41}{145}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{55}$
97222	1440	1518	$\frac{1}{33}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{253}\ \Phi_{138}\ \Phi_{69}\ \Phi_{66}\ \Phi_{22}\ \Phi_{6}$
97223	1440	1629	$\frac{13}{181}$	$\frac{1}{9}$	$\frac{28}{181}$	$\frac{51}{181}$	$\Phi_{1629}\ \Phi_{543}$
97224	1440	1439	$\frac{77}{1439}$	$\frac{207}{1439}$	$\frac{227}{1439}$	$\frac{404}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97225	1440	1734	$\frac{13}{289}$	$\frac{46}{289}$	$\frac{1}{6}$	$\frac{81}{289}$	$\Phi_{1734}\ \Phi_{867}\ \Phi_{578}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
97226	1440	1439	$\frac{59}{1439}$	$\frac{230}{1439}$	$\frac{259}{1439}$	$\frac{403}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97227	1440	1805	$\frac{13}{361}$	$\frac{58}{361}$	$\frac{1}{5}$	$\frac{101}{361}$	$\Phi_{1805}\ \Phi_{95}$
97228	1440	444	$\frac{1}{37}$	$\frac{6}{37}$	$\frac{1}{4}$	$\frac{31}{111}$	$\Phi_{444}^6\ \Phi_{222}^6\ \Phi_{148}\ \Phi_{74}\ \Phi_{12}^6\ \Phi_{6}^6$
97229	1440	1525	$\frac{1}{25}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	$\Phi_{1525}\ \Phi_{305}$
97230	1440	1439	$\frac{65}{1439}$	$\frac{229}{1439}$	$\frac{242}{1439}$	$\frac{399}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97231	1440	1547	$\frac{1}{17}$	$\frac{11}{91}$	$\frac{16}{91}$	$\frac{25}{91}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}$
97232	1440	1439	$\frac{87}{1439}$	$\frac{169}{1439}$	$\frac{254}{1439}$	$\frac{395}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97233	1440	1804	$\frac{1}{41}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{1804}\ \Phi_{902}\ \Phi_{164}^2\ \Phi_{82}^2$
97234	1440	1309	$\frac{3}{119}$	$\frac{2}{11}$	$\frac{29}{119}$	$\frac{3}{11}$	$\Phi_{1309}\ \Phi_{187}\ \Phi_{119}^2\ \Phi_{77}\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{1}^4$
97235	1440	1705	$\frac{1}{31}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{1705}\ \Phi_{155}^2$
97236	1440	1309	$\frac{4}{119}$	$\frac{2}{11}$	$\frac{23}{119}$	$\frac{3}{11}$	$\Phi_{1309}\ \Phi_{187}\ \Phi_{119}^2\ \Phi_{77}\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{1}^4$
97237	1440	1650	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{330}\ \Phi_{165}\ \Phi_{150}^2\ \Phi_{110}\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
97238	1440	1309	$\frac{5}{119}$	$\frac{19}{119}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1309}\ \Phi_{187}\ \Phi_{119}^2\ \Phi_{77}\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{1}^4$
97239	1440	231	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{231}^6\ \Phi_{77}^5\ \Phi_{33}^6\ \Phi_{21}^{12}\ \Phi_{11}^6\ \Phi_{7}^{10}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
97240	1440	187	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{187}^7\ \Phi_{17}^{14}\ \Phi_{11}^8\ \Phi_{1}^{16}$
97241	1440	1584	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{144}^2\ \Phi_{132}\ \Phi_{72}^2\ \Phi_{66}\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{6}^2$
97242	1440	1309	$\frac{9}{119}$	$\frac{11}{119}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1309}\ \Phi_{187}\ \Phi_{119}^2\ \Phi_{77}\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{1}^4$
97243	1440	143	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{143}^{11}\ \Phi_{13}^{10}$
97244	1440	1439	$\frac{109}{1439}$	$\frac{131}{1439}$	$\frac{266}{1439}$	$\frac{391}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97245	1440	1629	$\frac{11}{181}$	$\frac{1}{9}$	$\frac{34}{181}$	$\frac{49}{181}$	$\Phi_{1629}\ \Phi_{543}$
97246	1440	1439	$\frac{35}{1439}$	$\frac{272}{1439}$	$\frac{351}{1439}$	$\frac{389}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97247	1440	1439	$\frac{79}{1439}$	$\frac{175}{1439}$	$\frac{272}{1439}$	$\frac{389}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97248	1440	1517	$\frac{1}{41}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	Φ_{1517}
97249	1440	1687	$\frac{11}{241}$	$\frac{1}{7}$	$\frac{46}{241}$	$\frac{65}{241}$	Φ_{1687}
97250	1440	1439	$\frac{49}{1439}$	$\frac{263}{1439}$	$\frac{278}{1439}$	$\frac{387}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$
97251	1440	1805	$\frac{11}{361}$	$\frac{70}{361}$	$\frac{1}{5}$	$\frac{97}{361}$	$\Phi_{1805}\ \Phi_{95}$
97252	1440	1439	$\frac{34}{1439}$	$\frac{281}{1439}$	$\frac{351}{1439}$	$\frac{386}{1439}$	$\Phi_{1439}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
97253	1440	1924	$\frac{11}{481}$	$\frac{94}{481}$	$\frac{1}{4}$	$\frac{129}{481}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
97254	1440	1439	$\frac{44}{1439}$	$\frac{279}{1439}$	$\frac{290}{1439}$	$\frac{383}{1439}$	$\Phi_{1439}\ \Phi_{1}^{2}$
97255	1440	1519	$\frac{1}{31}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{1519}\ \Phi_{217}$
97256	1440	1439	$\frac{53}{1439}$	$\frac{231}{1439}$	$\frac{302}{1439}$	$\frac{379}{1439}$	$\Phi_{1439}\ \Phi_{1}^{2}$
97257	1440	1525	$\frac{1}{25}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{1525}\ \Phi_{305}$
97258	1440	1533	$\frac{1}{21}$	$\frac{9}{73}$	$\frac{16}{73}$	$\frac{19}{73}$	$\Phi_{1533}\ \Phi_{511}\ \Phi_{219}$
97259	1440	1439	$\frac{71}{1439}$	$\frac{171}{1439}$	$\frac{317}{1439}$	$\frac{374}{1439}$	$\Phi_{1439}\ \Phi_{1}^{2}$
97260	1440	513	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{513}^{4}\ \Phi_{171}\ \Phi_{57}$
97261	1440	1439	$\frac{89}{1439}$	$\frac{135}{1439}$	$\frac{326}{1439}$	$\frac{371}{1439}$	$\Phi_{1439}\ \Phi_{1}^{2}$
97262	1440	1552	$\frac{1}{16}$	$\frac{9}{97}$	$\frac{22}{97}$	$\frac{25}{97}$	$\Phi_{1552}\ \Phi_{776}\ \Phi_{388}\ \Phi_{194}$
97263	1440	1439	$\frac{107}{1439}$	$\frac{111}{1439}$	$\frac{332}{1439}$	$\frac{369}{1439}$	$\Phi_{1439}\ \Phi_{1}^{2}$
97264	1440	1573	$\frac{9}{121}$	$\frac{1}{13}$	$\frac{28}{121}$	$\frac{31}{121}$	$\Phi_{1573}\ \Phi_{143}$
97265	1440	1595	$\frac{9}{145}$	$\frac{1}{11}$	$\frac{34}{145}$	$\frac{37}{145}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{55}$
97266	1440	1439	$\frac{87}{1439}$	$\frac{134}{1439}$	$\frac{338}{1439}$	$\frac{367}{1439}$	$\Phi_{1439}\ \Phi_{1}^{2}$
97267	1440	1629	$\frac{9}{181}$	$\frac{1}{9}$	$\frac{43}{181}$	$\frac{46}{181}$	$\Phi_{1629}\ \Phi_{543}$
97268	1440	1439	$\frac{63}{1439}$	$\frac{179}{1439}$	$\frac{344}{1439}$	$\frac{365}{1439}$	$\Phi_{1439}\ \Phi_{1}^{2}$
97269	1440	1687	$\frac{9}{241}$	$\frac{1}{7}$	$\frac{58}{241}$	$\frac{61}{241}$	Φ_{1687}
97270	1440	1439	$\frac{51}{1439}$	$\frac{215}{1439}$	$\frac{347}{1439}$	$\frac{364}{1439}$	$\Phi_{1439}\ \Phi_{1}^{2}$
97271	1440	1734	$\frac{9}{289}$	$\frac{1}{6}$	$\frac{70}{289}$	$\frac{73}{289}$	$\Phi_{1734}\ \Phi_{867}\ \Phi_{578}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
97272	1440	1439	$\frac{39}{1439}$	$\frac{269}{1439}$	$\frac{350}{1439}$	$\frac{363}{1439}$	$\Phi_{1439}\ \Phi_{1}^{2}$
97273	1440	1805	$\frac{9}{361}$	$\frac{1}{5}$	$\frac{88}{361}$	$\frac{91}{361}$	$\Phi_{1805}\ \Phi_{95}$
97274	1440	1439	$\frac{27}{1439}$	$\frac{353}{1439}$	$\frac{359}{1439}$	$\frac{362}{1439}$	$\Phi_{1439}\ \Phi_{1}^{2}$
97275	1440	1924	$\frac{9}{481}$	$\frac{118}{481}$	$\frac{1}{4}$	$\frac{121}{481}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
97276	1440	212	$\frac{1}{53}$	$\frac{13}{53}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{212}^{6}\ \Phi_{106}^{6}\ \Phi_{53}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
97277	1440	820	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{820}^{2}\ \Phi_{410}^{2}\ \Phi_{205}^{3}$
97278	1440	636	$\frac{4}{159}$	$\frac{31}{159}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{636}^{2}\ \Phi_{318}^{2}\ \Phi_{212}^{2}\ \Phi_{159}^{3}\ \Phi_{106}^{2}\ \Phi_{53}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
97279	1440	132	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{132}^{10}\ \Phi_{66}^{13}\ \Phi_{44}^{10}\ \Phi_{33}^{12}\ \Phi_{22}^{13}\ \Phi_{12}^{6}\ \Phi_{11}^{12}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
97280	1440	636	$\frac{7}{159}$	$\frac{19}{159}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{636}^{2}\ \Phi_{318}^{2}\ \Phi_{212}^{2}\ \Phi_{159}^{3}\ \Phi_{106}^{2}\ \Phi_{53}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
97281	1440	252	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{84}^{4}\ \Phi_{63}^{9}\ \Phi_{42}^{4}\ \Phi_{36}^{4}\ \Phi_{28}^{4}\ \Phi_{21}^{6}\ \Phi_{18}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{2}\ \Phi_{9}^{6}$ $\Phi_{7}^{6}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
97282	1440	212	$\frac{3}{53}$	$\frac{5}{53}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{212}^{6}\ \Phi_{106}^{6}\ \Phi_{53}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
97283	1440	748	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{748}^{2}\ \Phi_{374}^{2}\ \Phi_{187}^{3}$
97284	1440	2380	$\frac{3}{119}$	$\frac{1}{5}$	$\frac{29}{119}$	$\frac{1}{4}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{340}\ \Phi_{170}\ \Phi_{140}\ \Phi_{70}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
97285	1440	148	$\frac{1}{37}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{1}{4}$	$\Phi_{148}^{13}\ \Phi_{74}^{13}\ \Phi_{4}^{12}\ \Phi_{2}^{12}$
97286	1440	1140	$\frac{3}{95}$	$\frac{1}{6}$	$\frac{23}{95}$	$\frac{1}{4}$	$\Phi_{1140}^{2}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}^{2}\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}^{2}\ \Phi_{57}\ \Phi_{30}$ $\Phi_{20}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
97287	1440	1924	$\frac{17}{481}$	$\frac{73}{481}$	$\frac{116}{481}$	$\frac{1}{4}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
97288	1440	2212	$\frac{3}{79}$	$\frac{1}{7}$	$\frac{19}{79}$	$\frac{1}{4}$	$\Phi_{2212}\ \Phi_{1106}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
97289	1440	1924	$\frac{21}{481}$	$\frac{61}{481}$	$\frac{115}{481}$	$\frac{1}{4}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
97290	1440	2124	$\frac{3}{59}$	$\frac{1}{9}$	$\frac{14}{59}$	$\frac{1}{4}$	$\Phi_{2124}\ \Phi_{1062}\ \Phi_{708}\ \Phi_{354}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
97291	1440	1924	$\frac{29}{481}$	$\frac{46}{481}$	$\frac{113}{481}$	$\frac{1}{4}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
97292	1440	2068	$\frac{3}{47}$	$\frac{1}{11}$	$\frac{11}{47}$	$\frac{1}{4}$	$\Phi_{2068}\ \Phi_{1034}\ \Phi_{44}^2\ \Phi_{22}^2$
97293	1440	52	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{52}^{37}\ \Phi_{26}^{37}\ \Phi_{4}^{36}\ \Phi_{2}^{36}$
97294	1440	1924	$\frac{31}{481}$	$\frac{45}{481}$	$\frac{109}{481}$	$\frac{1}{4}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
97295	1440	496	$\frac{1}{16}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{4}$	$\Phi_{496}^3\ \Phi_{248}^3\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}^3\ \Phi_{16}^6\ \Phi_{8}^6\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
97296	1440	1924	$\frac{25}{481}$	$\frac{57}{481}$	$\frac{106}{481}$	$\frac{1}{4}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
97297	1440	1932	$\frac{1}{21}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{322}\ \Phi_{276}\ \Phi_{138}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{6}^2$
97298	1440	1900	$\frac{1}{25}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{380}\ \Phi_{190}\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{20}^2\ \Phi_{10}^2$
97299	1440	1924	$\frac{19}{481}$	$\frac{77}{481}$	$\frac{101}{481}$	$\frac{1}{4}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
97300	1440	1924	$\frac{16}{481}$	$\frac{93}{481}$	$\frac{97}{481}$	$\frac{1}{4}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
97301	1440	620	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{620}^3\ \Phi_{310}^3\ \Phi_{124}^4\ \Phi_{62}^4$
97302	1440	2380	$\frac{4}{119}$	$\frac{23}{119}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{340}\ \Phi_{170}\ \Phi_{140}\ \Phi_{70}\ \Phi_{20}^2\ \Phi_{10}^2$
97303	1440	300	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{300}^8\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^4\ \Phi_{60}^6\ \Phi_{30}^3\ \Phi_{25}^4\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^8\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{1}^4$
97304	1440	2380	$\frac{5}{119}$	$\frac{19}{119}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{340}\ \Phi_{170}\ \Phi_{140}\ \Phi_{70}\ \Phi_{20}^2\ \Phi_{10}^2$
97305	1440	420	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^6\ \Phi_{210}^6\ \Phi_{140}^5\ \Phi_{70}^5\ \Phi_{60}^6\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{10}^6$
97306	1440	340	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{340}^7\ \Phi_{170}^7\ \Phi_{20}^8\ \Phi_{10}^8$
97307	1440	720	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^2\ \Phi_{120}^3\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{15}^3$
97308	1440	2380	$\frac{9}{119}$	$\frac{11}{119}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{340}\ \Phi_{170}\ \Phi_{140}\ \Phi_{70}\ \Phi_{20}^2\ \Phi_{10}^2$
97309	1440	2860	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2860}\ \Phi_{1430}$
97310	1440	2212	$\frac{4}{79}$	$\frac{1}{7}$	$\frac{15}{79}$	$\frac{1}{4}$	$\Phi_{2212}\ \Phi_{1106}\ \Phi_{28}^2\ \Phi_{14}^2$
97311	1440	148	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{1}{4}$	$\Phi_{148}^{13}\ \Phi_{74}^{13}\ \Phi_{4}^{12}\ \Phi_{2}^{12}$
97312	1440	2124	$\frac{4}{59}$	$\frac{1}{9}$	$\frac{11}{59}$	$\frac{1}{4}$	$\Phi_{2124}\ \Phi_{1062}\ \Phi_{708}\ \Phi_{354}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{6}^2$
97313	1440	1924	$\frac{36}{481}$	$\frac{49}{481}$	$\frac{89}{481}$	$\frac{1}{4}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
97314	1440	156	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{4}$	$\Phi_{156}^{12}\ \Phi_{78}^{12}\ \Phi_{52}^{13}\ \Phi_{26}^{13}\ \Phi_{12}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}$
97315	1440	1924	$\frac{33}{481}$	$\frac{56}{481}$	$\frac{85}{481}$	$\frac{1}{4}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
97316	1440	1972	$\frac{1}{17}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\Phi_{1972}\ \Phi_{986}\ \Phi_{68}^2\ \Phi_{34}^2$
97317	1440	1924	$\frac{25}{481}$	$\frac{76}{481}$	$\frac{81}{481}$	$\frac{1}{4}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
97318	1440	228	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{228}^{10}\ \Phi_{114}^5\ \Phi_{76}^5\ \Phi_{57}^5\ \Phi_{19}^5\ \Phi_{12}^{12}\ \Phi_{6}^6\ \Phi_{4}^6\ \Phi_{3}^6\ \Phi_{1}^6$
97319	1440	1428	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1428}^2\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{119}$
97320	1440	1140	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1140}^2\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}^2\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}^2\ \Phi_{57}\ \Phi_{30}\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
97321	1440	468	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{468}^5\ \Phi_{234}^2\ \Phi_{156}^3\ \Phi_{117}^3\ \Phi_{78}\ \Phi_{52}^4\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2$
97322	1440	364	$\frac{1}{13}$	$\frac{11}{91}$	$\frac{2}{13}$	$\frac{1}{4}$	$\Phi_{364}^6\ \Phi_{182}^6\ \Phi_{52}\ \Phi_{28}^6\ \Phi_{26}\ \Phi_{14}^6$
97323	1440	2124	$\frac{5}{59}$	$\frac{1}{9}$	$\frac{9}{59}$	$\frac{1}{4}$	$\Phi_{2124}\ \Phi_{1062}\ \Phi_{708}\ \Phi_{354}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{6}^2$
97324	1440	1924	$\frac{43}{481}$	$\frac{51}{481}$	$\frac{73}{481}$	$\frac{1}{4}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
97325	1440	2068	$\frac{1}{11}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{4}$	$\Phi_{2068}\ \Phi_{1034}\ \Phi_{44}^2\ \Phi_{22}^2$
97326	1440	1924	$\frac{41}{481}$	$\frac{55}{481}$	$\frac{71}{481}$	$\frac{1}{4}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}\ \Phi_{74}\ \Phi_{52}\ \Phi_{26}$
97327	1440	2212	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2212}\ \Phi_{1106}\ \Phi_{28}^2\ \Phi_{14}^2$
97328	1440	2772	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{462}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
97329	1440	1349	$\frac{3}{71}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{17}{71}$	$\Phi_{1349}\ \Phi_{71}^2\ \Phi_{19}^2\ \Phi_1^4$
97330	1440	2130	$\frac{3}{71}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{17}{71}$	$\Phi_{2130}\ \Phi_{1065}\ \Phi_{710}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
97331	1440	1439	$\frac{63}{1439}$	$\frac{219}{1439}$	$\frac{305}{1439}$	$\frac{344}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97332	1440	1734	$\frac{13}{289}$	$\frac{1}{6}$	$\frac{55}{289}$	$\frac{69}{289}$	$\Phi_{1734}\ \Phi_{867}\ \Phi_{578}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
97333	1440	1439	$\frac{67}{1439}$	$\frac{233}{1439}$	$\frac{274}{1439}$	$\frac{343}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97334	1440	1805	$\frac{17}{361}$	$\frac{55}{361}$	$\frac{1}{5}$	$\frac{86}{361}$	$\Phi_{1805}\ \Phi_{95}$
97335	1440	1357	$\frac{3}{59}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{14}{59}$	$\Phi_{1357}\ \Phi_{59}^2\ \Phi_{23}^2\ \Phi_1^4$
97336	1440	2065	$\frac{3}{59}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{14}{59}$	$\Phi_{2065}\ \Phi_{35}^2$
97337	1440	1439	$\frac{75}{1439}$	$\frac{183}{1439}$	$\frac{314}{1439}$	$\frac{341}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97338	1440	1687	$\frac{13}{241}$	$\frac{1}{7}$	$\frac{46}{241}$	$\frac{57}{241}$	Φ_{1687}
97339	1440	1439	$\frac{83}{1439}$	$\frac{194}{1439}$	$\frac{275}{1439}$	$\frac{339}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97340	1440	1805	$\frac{21}{361}$	$\frac{46}{361}$	$\frac{1}{5}$	$\frac{85}{361}$	$\Phi_{1805}\ \Phi_{95}$
97341	1440	510	$\frac{1}{17}$	$\frac{13}{85}$	$\frac{1}{6}$	$\frac{4}{17}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{170}^4\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4$
97342	1440	1363	$\frac{3}{47}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{11}{47}$	$\Phi_{1363}\ \Phi_{47}^2\ \Phi_{29}^2\ \Phi_1^4$
97343	1440	1974	$\frac{3}{47}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{11}{47}$	$\Phi_{1974}\ \Phi_{987}\ \Phi_{658}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
97344	1440	1439	$\frac{99}{1439}$	$\frac{184}{1439}$	$\frac{251}{1439}$	$\frac{335}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97345	1440	1687	$\frac{17}{241}$	$\frac{1}{7}$	$\frac{37}{241}$	$\frac{56}{241}$	Φ_{1687}
97346	1440	1439	$\frac{103}{1439}$	$\frac{203}{1439}$	$\frac{221}{1439}$	$\frac{334}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97347	1440	1734	$\frac{21}{289}$	$\frac{37}{289}$	$\frac{1}{6}$	$\frac{67}{289}$	$\Phi_{1734}\ \Phi_{867}\ \Phi_{578}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
97348	1440	455	$\frac{1}{13}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{3}{13}$	$\Phi_{455}^3\ \Phi_{91}^3\ \Phi_{65}^3\ \Phi_{35}^4\ \Phi_{13}^6\ \Phi_7^4\ \Phi_5^4\ \Phi_1^8$
97349	1440	130	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{13}$	$\Phi_{130}^{12}\ \Phi_{65}^9\ \Phi_{26}^{12}\ \Phi_{13}^{12}\ \Phi_{10}^{16}\ \Phi_5^{12}\ \Phi_2^{16}\ \Phi_1^{16}$
97350	1440	91	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{13}$	$\Phi_{91}^{15}\ \Phi_{13}^{18}\ \Phi_7^{20}\ \Phi_1^{24}$
97351	1440	1439	$\frac{111}{1439}$	$\frac{123}{1439}$	$\frac{329}{1439}$	$\frac{332}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97352	1440	1610	$\frac{13}{161}$	$\frac{1}{10}$	$\frac{31}{161}$	$\frac{37}{161}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{322}\ \Phi_{230}\ \Phi_{115}\ \Phi_{70}\ \Phi_{46}\ \Phi_{35}\ \Phi_{14}$
97353	1440	1439	$\frac{123}{1439}$	$\frac{185}{1439}$	$\frac{209}{1439}$	$\frac{329}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97354	1440	385	$\frac{3}{35}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{8}{35}$	$\Phi_{385}^4\ \Phi_{77}^4\ \Phi_{55}^5\ \Phi_{11}^4$
97355	1440	1365	$\frac{3}{35}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{8}{35}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{13}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
97356	1440	630	$\frac{3}{35}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{35}$	$\Phi_{630}^3\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^3\ \Phi_{105}\ \Phi_{90}^3\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}^6\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
97357	1440	1687	$\frac{21}{241}$	$\frac{31}{241}$	$\frac{1}{7}$	$\frac{55}{241}$	Φ_{1687}
97358	1440	1595	$\frac{13}{145}$	$\frac{1}{11}$	$\frac{28}{145}$	$\frac{33}{145}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{55}$
97359	1440	1439	$\frac{129}{1439}$	$\frac{131}{1439}$	$\frac{278}{1439}$	$\frac{327}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97360	1440	1439	$\frac{131}{1439}$	$\frac{139}{1439}$	$\frac{260}{1439}$	$\frac{327}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97361	1440	1805	$\frac{31}{361}$	$\frac{33}{361}$	$\frac{1}{5}$	$\frac{82}{361}$	$\Phi_{1805}\ \Phi_{95}$
97362	1440	1629	$\frac{17}{181}$	$\frac{1}{9}$	$\frac{28}{181}$	$\frac{41}{181}$	$\Phi_{1629}\ \Phi_{543}$
97363	1440	341	$\frac{1}{11}$	$\frac{3}{31}$	$\frac{2}{11}$	$\frac{7}{31}$	$\Phi_{341}^4\ \Phi_{31}^5\ \Phi_{11}^8\ \Phi_1^{10}$
97364	1440	930	$\frac{3}{31}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{7}{31}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{310}\ \Phi_{186}\ \Phi_{155}\ \Phi_{93}\ \Phi_{31}\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
97365	1440	1439	$\frac{143}{1439}$	$\frac{152}{1439}$	$\frac{223}{1439}$	$\frac{324}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97366	1440	1734	$\frac{28}{289}$	$\frac{29}{289}$	$\frac{1}{6}$	$\frac{65}{289}$	$\Phi_{1734}\ \Phi_{867}\ \Phi_{578}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
97367	1440	1439	$\frac{116}{1439}$	$\frac{147}{1439}$	$\frac{279}{1439}$	$\frac{323}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97368	1440	1439	$\frac{124}{1439}$	$\frac{147}{1439}$	$\frac{263}{1439}$	$\frac{323}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97369	1440	1805	$\frac{28}{361}$	$\frac{37}{361}$	$\frac{1}{5}$	$\frac{81}{361}$	$\Phi_{1805}\ \Phi_{95}$
97370	1440	1610	$\frac{1}{10}$	$\frac{17}{161}$	$\frac{25}{161}$	$\frac{36}{161}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{322}\ \Phi_{230}\ \Phi_{115}\ \Phi_{70}\ \Phi_{46}\ \Phi_{35}\ \Phi_{14}$
97371	1440	1439	$\frac{135}{1439}$	$\frac{163}{1439}$	$\frac{224}{1439}$	$\frac{319}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97372	1440	1734	$\frac{25}{289}$	$\frac{33}{289}$	$\frac{1}{6}$	$\frac{64}{289}$	$\Phi_{1734}\ \Phi_{867}\ \Phi_{578}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
97373	1440	1840	$\frac{1}{16}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{5}{23}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
97374	1440	1357	$\frac{4}{59}$	$\frac{3}{23}$	$\frac{11}{59}$	$\frac{5}{23}$	$\Phi_{1357}\ \Phi_{59}^2\ \Phi_{23}^2\ \Phi_1^4$
97375	1440	1794	$\frac{1}{13}$	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{5}{23}$	$\Phi_{1794}\ \Phi_{897}\ \Phi_{598}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2$
97376	1440	1357	$\frac{5}{59}$	$\frac{3}{23}$	$\frac{9}{59}$	$\frac{5}{23}$	$\Phi_{1357}\ \Phi_{59}^2\ \Phi_{23}^2\ \Phi_1^4$
97377	1440	1771	$\frac{1}{11}$	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{5}{23}$	$\Phi_{1771}\ \Phi_{77}^2$
97378	1440	1552	$\frac{1}{16}$	$\frac{13}{97}$	$\frac{19}{97}$	$\frac{21}{97}$	$\Phi_{1552}\ \Phi_{776}\ \Phi_{388}\ \Phi_{194}$
97379	1440	1439	$\frac{94}{1439}$	$\frac{195}{1439}$	$\frac{269}{1439}$	$\frac{311}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97380	1440	1573	$\frac{1}{13}$	$\frac{17}{121}$	$\frac{19}{121}$	$\frac{26}{121}$	$\Phi_{1573}\ \Phi_{143}$
97381	1440	1439	$\frac{113}{1439}$	$\frac{203}{1439}$	$\frac{221}{1439}$	$\frac{309}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97382	1440	952	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{952}^2\ \Phi_{476}^2\ \Phi_{136}^2\ \Phi_{119}\ \Phi_{68}^2$
97383	1440	1595	$\frac{1}{11}$	$\frac{19}{145}$	$\frac{21}{145}$	$\frac{31}{145}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{55}$
97384	1440	1439	$\frac{125}{1439}$	$\frac{189}{1439}$	$\frac{219}{1439}$	$\frac{305}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97385	1440	1687	$\frac{19}{241}$	$\frac{1}{7}$	$\frac{37}{241}$	$\frac{51}{241}$	Φ_{1687}
97386	1440	1439	$\frac{101}{1439}$	$\frac{223}{1439}$	$\frac{227}{1439}$	$\frac{304}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97387	1440	1734	$\frac{19}{289}$	$\frac{45}{289}$	$\frac{1}{6}$	$\frac{61}{289}$	$\Phi_{1734}\ \Phi_{867}\ \Phi_{578}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
97388	1440	1439	$\frac{77}{1439}$	$\frac{227}{1439}$	$\frac{284}{1439}$	$\frac{303}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97389	1440	95	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{95}^{19}\ \Phi_5^{18}$
97390	1440	1349	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1349}\ \Phi_{71}^2\ \Phi_{19}^2\ \Phi_1^4$
97391	1440	1729	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1729}\ \Phi_{91}^2$
97392	1440	1349	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1349}\ \Phi_{71}^2\ \Phi_{19}^2\ \Phi_1^4$
97393	1440	1710	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{342}\ \Phi_{285}\ \Phi_{114}\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_6^2$
97394	1440	1539	$\frac{1}{19}$	$\frac{13}{81}$	$\frac{16}{81}$	$\frac{17}{81}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{57}$
97395	1440	1439	$\frac{95}{1439}$	$\frac{224}{1439}$	$\frac{243}{1439}$	$\frac{299}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97396	1440	1573	$\frac{1}{13}$	$\frac{16}{121}$	$\frac{21}{121}$	$\frac{25}{121}$	$\Phi_{1573}\ \Phi_{143}$
97397	1440	1439	$\frac{127}{1439}$	$\frac{164}{1439}$	$\frac{255}{1439}$	$\frac{296}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97398	1440	1439	$\frac{143}{1439}$	$\frac{144}{1439}$	$\frac{259}{1439}$	$\frac{295}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97399	1440	1610	$\frac{16}{161}$	$\frac{1}{10}$	$\frac{29}{161}$	$\frac{33}{161}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{322}\ \Phi_{230}\ \Phi_{115}\ \Phi_{70}\ \Phi_{46}\ \Phi_{35}\ \Phi_{14}$
97400	1440	1629	$\frac{16}{181}$	$\frac{1}{9}$	$\frac{33}{181}$	$\frac{37}{181}$	$\Phi_{1629}\ \Phi_{543}$
97401	1440	1439	$\frac{104}{1439}$	$\frac{191}{1439}$	$\frac{267}{1439}$	$\frac{293}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97402	1440	1687	$\frac{16}{241}$	$\frac{1}{7}$	$\frac{45}{241}$	$\frac{49}{241}$	Φ_{1687}
97403	1440	1439	$\frac{64}{1439}$	$\frac{275}{1439}$	$\frac{287}{1439}$	$\frac{291}{1439}$	$\Phi_{1439}\ \Phi_1^2$
97404	1440	1805	$\frac{16}{361}$	$\frac{69}{361}$	$\frac{1}{5}$	$\frac{73}{361}$	$\Phi_{1805}\ \Phi_{95}$
97405	1440	445	$\frac{4}{89}$	$\frac{17}{89}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{445}^3\ \Phi_{89}^4\ \Phi_5^6\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
97406	1440	570	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{570}^{3}\ \Phi_{285}^{3}\ \Phi_{190}^{3}\ \Phi_{114}^{4}\ \Phi_{57}^{4}\ \Phi_{38}^{4}$
97407	1440	445	$\frac{5}{89}$	$\frac{14}{89}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{445}^{3}\ \Phi_{89}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
97408	1440	560	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{112}^{4}\ \Phi_{70}^{3}\ \Phi_{56}^{4}\ \Phi_{28}^{4}\ \Phi_{14}^{4}$
97409	1440	445	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{445}^{3}\ \Phi_{89}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
97410	1440	110	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{110}^{16}\ \Phi_{55}^{13}\ \Phi_{22}^{16}\ \Phi_{11}^{12}$
97411	1440	2065	$\frac{4}{59}$	$\frac{1}{7}$	$\frac{11}{59}$	$\frac{1}{5}$	$\Phi_{2065}\ \Phi_{35}^{2}$
97412	1440	1805	$\frac{26}{361}$	$\frac{49}{361}$	$\frac{67}{361}$	$\frac{1}{5}$	$\Phi_{1805}\ \Phi_{95}$
97413	1440	495	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{1}{5}$	$\Phi_{495}^{4}\ \Phi_{165}^{4}\ \Phi_{45}^{5}\ \Phi_{15}^{5}$
97414	1440	1805	$\frac{36}{361}$	$\frac{37}{361}$	$\frac{65}{361}$	$\frac{1}{5}$	$\Phi_{1805}\ \Phi_{95}$
97415	1440	390	$\frac{1}{10}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{5}$	$\Phi_{390}^{4}\ \Phi_{195}^{3}\ \Phi_{130}^{4}\ \Phi_{78}^{4}\ \Phi_{65}^{3}\ \Phi_{39}^{4}\ \Phi_{30}^{4}\ \Phi_{26}^{4}\ \Phi_{15}^{3}\ \Phi_{13}^{4}\ \Phi_{10}^{8}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
97416	1440	1805	$\frac{33}{361}$	$\frac{41}{361}$	$\frac{64}{361}$	$\frac{1}{5}$	$\Phi_{1805}\ \Phi_{95}$
97417	1440	1925	$\frac{1}{11}$	$\frac{4}{35}$	$\frac{31}{175}$	$\frac{1}{5}$	$\Phi_{1925}\ \Phi_{275}\ \Phi_{55}$
97418	1440	1885	$\frac{1}{13}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{5}$	$\Phi_{1885}\ \Phi_{65}^{2}$
97419	1440	1805	$\frac{25}{361}$	$\frac{56}{361}$	$\frac{61}{361}$	$\frac{1}{5}$	$\Phi_{1805}\ \Phi_{95}$
97420	1440	2130	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2130}\ \Phi_{1065}\ \Phi_{710}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
97421	1440	2730	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{910}$
97422	1440	2130	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2130}\ \Phi_{1065}\ \Phi_{710}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
97423	1440	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{90}^{17}\ \Phi_{45}^{18}\ \Phi_{30}^{10}\ \Phi_{18}^{20}\ \Phi_{15}^{11}\ \Phi_{10}^{14}\ \Phi_{9}^{20}\ \Phi_{6}^{12}\ \Phi_{5}^{14}\ \Phi_{3}^{12}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
97424	1440	2065	$\frac{5}{59}$	$\frac{1}{7}$	$\frac{9}{59}$	$\frac{1}{5}$	$\Phi_{2065}\ \Phi_{35}^{2}$
97425	1440	1805	$\frac{31}{361}$	$\frac{51}{361}$	$\frac{55}{361}$	$\frac{1}{5}$	$\Phi_{1805}\ \Phi_{95}$
97426	1440	385	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{385}^{5}\ \Phi_{55}^{6}$
97427	1440	273	$\frac{4}{39}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{7}{39}$	$\Phi_{273}^{5}\ \Phi_{91}^{5}\ \Phi_{39}^{6}\ \Phi_{21}^{5}\ \Phi_{13}^{6}\ \Phi_{7}^{10}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
97428	1440	1439	$\frac{154}{1439}$	$\frac{197}{1439}$	$\frac{207}{1439}$	$\frac{257}{1439}$	$\Phi_{1439}\ \Phi_{1}^{2}$
97429	1440	1687	$\frac{26}{241}$	$\frac{33}{241}$	$\frac{1}{7}$	$\frac{43}{241}$	Φ_{1687}
97430	1440	1363	$\frac{5}{47}$	$\frac{4}{29}$	$\frac{7}{47}$	$\frac{5}{29}$	$\Phi_{1363}\ \Phi_{47}^{2}\ \Phi_{29}^{2}\ \Phi_{1}^{4}$
97431	1440	1827	$\frac{1}{9}$	$\frac{4}{29}$	$\frac{1}{7}$	$\frac{5}{29}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{63}^{2}\ \Phi_{21}^{2}$
97432	1440	1439	$\frac{149}{1439}$	$\frac{204}{1439}$	$\frac{215}{1439}$	$\frac{247}{1439}$	$\Phi_{1439}\ \Phi_{1}^{2}$
97433	1440	1629	$\frac{1}{9}$	$\frac{25}{181}$	$\frac{26}{181}$	$\frac{31}{181}$	$\Phi_{1629}\ \Phi_{543}$
97434	1440	1439	$\frac{155}{1439}$	$\frac{199}{1439}$	$\frac{214}{1439}$	$\frac{245}{1439}$	$\Phi_{1439}\ \Phi_{1}^{2}$
97435	1440	1687	$\frac{25}{241}$	$\frac{1}{7}$	$\frac{36}{241}$	$\frac{41}{241}$	Φ_{1687}
97436	1440	1974	$\frac{5}{47}$	$\frac{1}{7}$	$\frac{7}{47}$	$\frac{1}{6}$	$\Phi_{1974}\ \Phi_{987}\ \Phi_{658}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}$
97437	1440	1734	$\frac{31}{289}$	$\frac{41}{289}$	$\frac{43}{289}$	$\frac{1}{6}$	$\Phi_{1734}\ \Phi_{867}\ \Phi_{578}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
97438	1440	126	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{126}^{15}\ \Phi_{63}^{10}\ \Phi_{42}^{10}\ \Phi_{21}^{5}\ \Phi_{18}^{18}\ \Phi_{14}^{10}\ \Phi_{9}^{12}\ \Phi_{7}^{10}\ \Phi_{6}^{12}\ \Phi_{3}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
97439	1441	2304	$\frac{1}{288}$	$\frac{289}{1152}$	$\frac{863}{2304}$	$\frac{287}{576}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{576}\ \Phi_{256}\ \Phi_{192}\ \Phi_{64}\ \Phi_{1}$
97440	1441	2560	$\frac{1}{160}$	$\frac{161}{1280}$	$\frac{1119}{2560}$	$\frac{159}{320}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{320}\ \Phi_{64}\ \Phi_{1}$
97441	1441	1920	$\frac{1}{160}$	$\frac{479}{1920}$	$\frac{161}{640}$	$\frac{159}{320}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
97442	1441	260	$\frac{1}{130}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{129}{260}$	$\Phi_{260}\ \Phi_{130}^{10}\ \Phi_{65}^{10}\ \Phi_{52}\ \Phi_{26}^{10}\ \Phi_{20}^{2}\ \Phi_{13}^{10}\ \Phi_{10}^{10}\ \Phi_{5}^{10}\ \Phi_{4}^{2}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
97443	1441	780	$\frac{1}{130}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{129}{260}$	$\Phi_{780}^{5}\ \Phi_{260}\ \Phi_{156}^{5}\ \Phi_{60}^{5}\ \Phi_{52}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
97444	1441	2688	$\frac{1}{96}$	$\frac{97}{1344}$	$\frac{1247}{2688}$	$\frac{95}{192}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
97445	1441	516	$\frac{2}{129}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{127}{258}$	$\Phi_{516}^{3}\,\Phi_{258}^{2}\,\Phi_{172}^{3}\,\Phi_{129}^{3}\,\Phi_{86}^{2}\,\Phi_{43}^{3}\,\Phi_{12}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
97446	1441	1554	$\frac{2}{111}$	$\frac{113}{1554}$	$\frac{1}{3}$	$\frac{109}{222}$	$\Phi_{1554}\,\Phi_{777}\,\Phi_{518}\,\Phi_{259}\,\Phi_{111}\,\Phi_{42}\,\Phi_{37}\,\Phi_{21}\,\Phi_{14}\,\Phi_{7}\,\Phi_{1}$
97447	1441	528	$\frac{1}{44}$	$\frac{1}{12}$	$\frac{45}{176}$	$\frac{43}{88}$	$\Phi_{528}^{4}\,\Phi_{176}^{3}\,\Phi_{132}^{4}\,\Phi_{66}^{4}\,\Phi_{48}^{4}\,\Phi_{44}^{3}\,\Phi_{33}^{4}\,\Phi_{22}^{3}\,\Phi_{16}^{3}\,\Phi_{12}^{3}\,\Phi_{11}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
97448	1441	256	$\frac{3}{128}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{125}{256}$	$\Phi_{256}^{11}\,\Phi_{64}\,\Phi_{1}$
97449	1441	256	$\frac{3}{128}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{125}{256}$	$\Phi_{256}^{11}\,\Phi_{16}^{2}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
97450	1441	768	$\frac{3}{128}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{125}{256}$	$\Phi_{768}^{4}\,\Phi_{256}^{3}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
97451	1441	2808	$\frac{37}{1404}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1367}{2808}$	$\Phi_{2808}\,\Phi_{936}\,\Phi_{312}\,\Phi_{216}\,\Phi_{104}\,\Phi_{72}\,\Phi_{39}\,\Phi_{24}\,\Phi_{13}\,\Phi_{8}\,\Phi_{1}$
97452	1441	2808	$\frac{37}{1404}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1367}{2808}$	$\Phi_{2808}\,\Phi_{936}\,\Phi_{312}\,\Phi_{216}\,\Phi_{104}\,\Phi_{72}\,\Phi_{54}\,\Phi_{27}\,\Phi_{24}\,\Phi_{8}\,\Phi_{1}$
97453	1441	2800	$\frac{41}{1400}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1359}{2800}$	$\Phi_{2800}\,\Phi_{560}\,\Phi_{400}\,\Phi_{112}\,\Phi_{80}\,\Phi_{50}\,\Phi_{25}\,\Phi_{16}\,\Phi_{1}$
97454	1441	1740	$\frac{9}{290}$	$\frac{1}{10}$	$\frac{299}{1740}$	$\frac{281}{580}$	$\Phi_{1740}\,\Phi_{870}\,\Phi_{435}\,\Phi_{348}\,\Phi_{290}\,\Phi_{174}\,\Phi_{145}\,\Phi_{87}\,\Phi_{60}\,\Phi_{58}\,\Phi_{30}\,\Phi_{29}\,\Phi_{15}\,\Phi_{12}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
97455	1441	192	$\frac{1}{32}$	$\frac{3}{64}$	$\frac{61}{192}$	$\frac{31}{64}$	$\Phi_{192}^{11}\,\Phi_{96}^{11}\,\Phi_{64}\,\Phi_{48}^{11}\,\Phi_{24}^{11}\,\Phi_{12}^{11}\,\Phi_{6}^{11}\,\Phi_{3}^{11}\,\Phi_{1}$
97456	1441	1536	$\frac{1}{32}$	$\frac{95}{1536}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{1536}\,\Phi_{768}\,\Phi_{512}\,\Phi_{384}\,\Phi_{256}\,\Phi_{192}\,\Phi_{96}\,\Phi_{64}\,\Phi_{48}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
97457	1441	1944	$\frac{17}{486}$	$\frac{1}{18}$	$\frac{503}{1944}$	$\frac{469}{972}$	$\Phi_{1944}\,\Phi_{648}\,\Phi_{486}\,\Phi_{243}\,\Phi_{216}\,\Phi_{162}\,\Phi_{81}\,\Phi_{72}\,\Phi_{54}\,\Phi_{27}\,\Phi_{24}\,\Phi_{8}\,\Phi_{1}$
97458	1441	1656	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{215}{1656}$	$\frac{199}{414}$	$\Phi_{1656}\,\Phi_{828}\,\Phi_{552}\,\Phi_{276}\,\Phi_{207}\,\Phi_{184}\,\Phi_{92}\,\Phi_{72}\,\Phi_{69}\,\Phi_{36}\,\Phi_{24}\,\Phi_{23}\,\Phi_{12}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
97459	1441	1520	$\frac{3}{76}$	$\frac{79}{1520}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{1520}\,\Phi_{760}\,\Phi_{380}\,\Phi_{304}\,\Phi_{190}\,\Phi_{95}\,\Phi_{80}\,\Phi_{76}\,\Phi_{40}\,\Phi_{38}\,\Phi_{20}\,\Phi_{19}\,\Phi_{16}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
97460	1441	252	$\frac{5}{126}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{121}{252}$	$\Phi_{252}^{5}\,\Phi_{126}^{6}\,\Phi_{84}^{5}\,\Phi_{63}^{6}\,\Phi_{42}^{6}\,\Phi_{36}^{5}\,\Phi_{28}^{5}\,\Phi_{21}^{6}\,\Phi_{18}^{6}\,\Phi_{14}^{6}\,\Phi_{12}^{10}\,\Phi_{9}^{6}\,\Phi_{7}^{6}\,\Phi_{6}^{10}\,\Phi_{4}^{10}\,\Phi_{3}^{10}\,\Phi_{2}^{10}\,\Phi_{1}^{11}$
97461	1441	252	$\frac{5}{126}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{121}{252}$	$\Phi_{252}^{11}\,\Phi_{84}^{11}\,\Phi_{63}\,\Phi_{36}^{11}\,\Phi_{28}^{11}\,\Phi_{21}\,\Phi_{12}^{11}\,\Phi_{7}\,\Phi_{4}^{11}\,\Phi_{1}$
97462	1441	1530	$\frac{4}{85}$	$\frac{89}{1530}$	$\frac{1}{5}$	$\frac{81}{170}$	$\Phi_{1530}\,\Phi_{765}\,\Phi_{510}\,\Phi_{306}\,\Phi_{255}\,\Phi_{153}\,\Phi_{102}\,\Phi_{90}\,\Phi_{85}\,\Phi_{51}\,\Phi_{45}\,\Phi_{30}\,\Phi_{18}\,\Phi_{17}\,\Phi_{15}\,\Phi_{9}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
97463	1441	1482	$\frac{41}{1482}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{1482}\,\Phi_{741}\,\Phi_{494}\,\Phi_{247}\,\Phi_{114}\,\Phi_{57}\,\Phi_{39}\,\Phi_{38}\,\Phi_{19}\,\Phi_{13}\,\Phi_{1}$
97464	1441	2736	$\frac{3}{76}$	$\frac{73}{1368}$	$\frac{1}{4}$	$\frac{1295}{2736}$	$\Phi_{2736}\,\Phi_{912}\,\Phi_{304}\,\Phi_{144}\,\Phi_{76}\,\Phi_{48}\,\Phi_{38}\,\Phi_{19}\,\Phi_{16}\,\Phi_{1}$
97465	1441	2720	$\frac{4}{85}$	$\frac{81}{1360}$	$\frac{1}{5}$	$\frac{1279}{2720}$	$\Phi_{2720}\,\Phi_{544}\,\Phi_{160}\,\Phi_{85}\,\Phi_{32}\,\Phi_{17}\,\Phi_{1}$
97466	1441	2700	$\frac{1}{45}$	$\frac{91}{1350}$	$\frac{44}{135}$	$\frac{1259}{2700}$	$\Phi_{2700}\,\Phi_{900}\,\Phi_{540}\,\Phi_{300}\,\Phi_{180}\,\Phi_{135}\,\Phi_{108}\,\Phi_{100}\,\Phi_{60}\,\Phi_{36}\,\Phi_{27}\,\Phi_{20}\,\Phi_{12}\,\Phi_{4}\,\Phi_{1}$
97467	1441	1664	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{223}{1664}$	$\frac{193}{416}$	$\Phi_{1664}\,\Phi_{832}\,\Phi_{208}\,\Phi_{128}\,\Phi_{104}\,\Phi_{64}\,\Phi_{52}\,\Phi_{26}\,\Phi_{13}\,\Phi_{1}$
97468	1441	2688	$\frac{1}{16}$	$\frac{97}{1344}$	$\frac{15}{112}$	$\frac{1247}{2688}$	$\Phi_{2688}\,\Phi_{896}\,\Phi_{384}\,\Phi_{128}\,\Phi_{112}\,\Phi_{56}\,\Phi_{28}\,\Phi_{14}\,\Phi_{7}\,\Phi_{1}$
97469	1441	2664	$\frac{2}{111}$	$\frac{109}{1332}$	$\frac{1}{3}$	$\frac{1223}{2664}$	$\Phi_{2664}\,\Phi_{888}\,\Phi_{296}\,\Phi_{111}\,\Phi_{72}\,\Phi_{37}\,\Phi_{24}\,\Phi_{8}\,\Phi_{1}$
97470	1441	1452	$\frac{10}{121}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{111}{242}$	$\Phi_{1452}\,\Phi_{726}\,\Phi_{484}\,\Phi_{363}\,\Phi_{132}^{2}\,\Phi_{121}\,\Phi_{66}^{2}\,\Phi_{44}^{2}\,\Phi_{33}^{2}\,\Phi_{22}\,\Phi_{12}\,\Phi_{11}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
97471	1441	144	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{13}{144}$	$\frac{11}{24}$	$\Phi_{144}^{11}\,\Phi_{72}^{11}\,\Phi_{48}^{11}\,\Phi_{36}^{11}\,\Phi_{18}^{11}\,\Phi_{16}^{11}\,\Phi_{12}^{10}\,\Phi_{9}^{11}\,\Phi_{6}^{10}\,\Phi_{4}^{10}\,\Phi_{3}^{10}\,\Phi_{2}^{10}\,\Phi_{1}^{11}$
97472	1441	180	$\frac{1}{45}$	$\frac{4}{45}$	$\frac{49}{180}$	$\frac{41}{90}$	$\Phi_{180}^{11}\,\Phi_{60}^{11}\,\Phi_{45}^{10}\,\Phi_{36}^{11}\,\Phi_{20}^{11}\,\Phi_{15}^{10}\,\Phi_{12}^{11}\,\Phi_{9}^{10}\,\Phi_{5}^{10}\,\Phi_{4}^{11}\,\Phi_{3}^{10}\,\Phi_{1}^{11}$
97473	1441	240	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{109}{240}$	$\Phi_{240}^{11}\,\Phi_{80}^{11}\,\Phi_{48}^{11}\,\Phi_{16}^{11}\,\Phi_{12}^{10}\,\Phi_{6}^{10}\,\Phi_{4}^{10}\,\Phi_{3}^{10}\,\Phi_{2}^{10}\,\Phi_{1}^{11}$
97474	1441	780	$\frac{1}{65}$	$\frac{1}{10}$	$\frac{64}{195}$	$\frac{9}{20}$	$\Phi_{780}^{5}\,\Phi_{195}\,\Phi_{156}^{5}\,\Phi_{60}^{5}\,\Phi_{39}\,\Phi_{20}\,\Phi_{15}\,\Phi_{12}^{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
97475	1441	540	$\frac{4}{135}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{540}^{5}\,\Phi_{180}^{5}\,\Phi_{135}\,\Phi_{108}^{5}\,\Phi_{60}^{5}\,\Phi_{45}\,\Phi_{36}^{5}\,\Phi_{27}\,\Phi_{20}\,\Phi_{15}\,\Phi_{12}^{5}\,\Phi_{9}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
97476	1441	780	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{25}{156}$	$\frac{9}{20}$	$\Phi_{780}^{2}\,\Phi_{390}^{2}\,\Phi_{195}^{2}\,\Phi_{156}^{3}\,\Phi_{130}^{2}\,\Phi_{78}^{3}\,\Phi_{65}^{2}\,\Phi_{60}^{2}\,\Phi_{52}\,\Phi_{39}^{3}\,\Phi_{30}^{2}\,\Phi_{26}^{2}\,\Phi_{20}\,\Phi_{15}^{2}\,\Phi_{13}^{2}\,\Phi_{12}^{3}\,\Phi_{10}^{2}\,\Phi_{6}^{3}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
97477	1441	140	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{140}^{11}\,\Phi_{70}^{11}\,\Phi_{35}^{11}\,\Phi_{28}^{11}\,\Phi_{20}^{2}\,\Phi_{14}^{11}\,\Phi_{10}^{10}\,\Phi_{7}^{11}\,\Phi_{5}^{10}\,\Phi_{4}^{2}\,\Phi_{2}^{10}\,\Phi_{1}^{11}$
97478	1441	2860	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{2860}\,\Phi_{572}\,\Phi_{220}\,\Phi_{143}\,\Phi_{44}\,\Phi_{20}\,\Phi_{11}\,\Phi_{4}\,\Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
97479	1441	1620	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{179}{1620}$	$\frac{145}{324}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
97480	1441	2592	$\frac{1}{72}$	$\frac{145}{1296}$	$\frac{71}{216}$	$\frac{1151}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_1$
97481	1441	2592	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{145}{1296}$	$\frac{1151}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{162}\ \Phi_{96}\ \Phi_{81}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_1$
97482	1441	1512	$\frac{71}{1512}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
97483	1441	1568	$\frac{1}{16}$	$\frac{127}{1568}$	$\frac{15}{112}$	$\frac{97}{224}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
97484	1441	1680	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{239}{1680}$	$\frac{181}{420}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
97485	1441	2016	$\frac{1}{72}$	$\frac{71}{504}$	$\frac{575}{2016}$	$\frac{433}{1008}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
97486	1441	2520	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{181}{1260}$	$\frac{1079}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{72}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
97487	1441	2496	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{193}{1248}$	$\frac{1055}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{208}\ \Phi_{192}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
97488	1441	2484	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{199}{1242}$	$\frac{1043}{2484}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{276}\ \Phi_{207}\ \Phi_{108}\ \Phi_{92}\ \Phi_{69}\ \Phi_{36}\ \Phi_{23}\ \Phi_{12}\ \Phi_4\ \Phi_1$
97489	1441	1500	$\frac{59}{1500}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}\ \Phi_{250}\ \Phi_{150}\ \Phi_{125}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
97490	1441	660	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{21}{110}$	$\frac{89}{220}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}\ \Phi_{165}^2\ \Phi_{132}^4\ \Phi_{110}^2\ \Phi_{66}^4\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}^3\ \Phi_{33}^4\ \Phi_{30}^2\ \Phi_{22}^3\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
97491	1441	1800	$\frac{1}{60}$	$\frac{59}{300}$	$\frac{359}{1800}$	$\frac{241}{600}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{18}\ \Phi_9\ \Phi_1$
97492	1441	2400	$\frac{1}{60}$	$\frac{59}{300}$	$\frac{241}{1200}$	$\frac{959}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{300}\ \Phi_{160}\ \Phi_{150}\ \Phi_{100}\ \Phi_{96}\ \Phi_{75}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_1$
97493	1441	396	$\frac{1}{132}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^5\ \Phi_{99}^3\ \Phi_{66}^5\ \Phi_{44}^5\ \Phi_{36}^3\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{18}^2\ \Phi_{12}^5\ \Phi_{11}^5\ \Phi_9^3\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
97494	1441	2320	$\frac{9}{290}$	$\frac{1}{10}$	$\frac{281}{1160}$	$\frac{879}{2320}$	$\Phi_{2320}\ \Phi_{464}\ \Phi_{290}\ \Phi_{145}\ \Phi_{80}\ \Phi_{58}\ \Phi_{29}\ \Phi_{16}\ \Phi_1$
97495	1441	528	$\frac{1}{132}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{528}^4\ \Phi_{176}^4\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{48}^4\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
97496	1441	408	$\frac{5}{136}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^4\ \Phi_{204}^4\ \Phi_{136}^3\ \Phi_{102}^4\ \Phi_{68}^3\ \Phi_{51}^4\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
97497	1441	2304	$\frac{1}{96}$	$\frac{95}{384}$	$\frac{289}{1152}$	$\frac{863}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_1$
97498	1441	1512	$\frac{71}{1512}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
97499	1441	396	$\frac{1}{33}$	$\frac{1}{12}$	$\frac{32}{99}$	$\frac{67}{198}$	$\Phi_{396}^3\ \Phi_{198}^2\ \Phi_{132}^6\ \Phi_{99}^3\ \Phi_{66}^5\ \Phi_{44}^6\ \Phi_{36}^3\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{18}^2\ \Phi_{12}^5\ \Phi_{11}^5\ \Phi_9^3\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
97500	1441	1620	$\frac{1}{45}$	$\frac{179}{1620}$	$\frac{44}{135}$	$\frac{91}{270}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
97501	1441	1728	$\frac{1}{72}$	$\frac{287}{1728}$	$\frac{71}{216}$	$\frac{145}{432}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_1$
97502	1441	2160	$\frac{1}{180}$	$\frac{179}{540}$	$\frac{719}{2160}$	$\frac{361}{1080}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
97503	1441	1665	$\frac{2}{111}$	$\frac{224}{1665}$	$\frac{109}{333}$	$\frac{1}{3}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{185}\ \Phi_{111}\ \Phi_{45}\ \Phi_{37}\ \Phi_{15}\ \Phi_5\ \Phi_1$
97504	1441	1521	$\frac{2}{39}$	$\frac{80}{1521}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{1521}\ \Phi_{507}\ \Phi_{169}\ \Phi_{39}\ \Phi_{13}\ \Phi_1$
97505	1441	2106	$\frac{2}{39}$	$\frac{37}{702}$	$\frac{665}{2106}$	$\frac{1}{3}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{162}\ \Phi_{81}\ \Phi_{39}\ \Phi_{13}\ \Phi_1$
97506	1441	1998	$\frac{2}{111}$	$\frac{109}{666}$	$\frac{557}{1998}$	$\frac{1}{3}$	$\Phi_{1998}\ \Phi_{999}\ \Phi_{111}\ \Phi_{54}\ \Phi_{37}\ \Phi_{27}\ \Phi_1$
97507	1441	1776	$\frac{2}{111}$	$\frac{335}{1776}$	$\frac{109}{444}$	$\frac{1}{3}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{592}\ \Phi_{296}\ \Phi_{111}\ \Phi_{48}\ \Phi_{37}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
97508	1441	1560	$\frac{2}{39}$	$\frac{119}{1560}$	$\frac{37}{156}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{60}\ \Phi_{40}\ \Phi_{39}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
97509	1441	1872	$\frac{2}{39}$	$\frac{37}{468}$	$\frac{431}{1872}$	$\frac{1}{3}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{144}\ \Phi_{104}\ \Phi_{72}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
97510	1441	1755	$\frac{2}{39}$	$\frac{37}{351}$	$\frac{314}{1755}$	$\frac{1}{3}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{195}\ \Phi_{135}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}$
97511	1441	1638	$\frac{2}{39}$	$\frac{197}{1638}$	$\frac{37}{234}$	$\frac{1}{3}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{182}\ \Phi_{126}\ \Phi_{91}\ \Phi_{63}\ \Phi_{42}\ \Phi_{39}\ \Phi_{21}\ \Phi_{14}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}$
97512	1441	1944	$\frac{1}{72}$	$\frac{145}{648}$	$\frac{503}{1944}$	$\frac{71}{216}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{1}$
97513	1441	195	$\frac{1}{65}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{64}{195}$	$\Phi_{195}^{6}\ \Phi_{65}^{10}\ \Phi_{39}^{6}\ \Phi_{15}^{7}\ \Phi_{13}^{10}\ \Phi_{5}^{10}\ \Phi_{3}^{7}\ \Phi_{1}^{11}$
97514	1441	2025	$\frac{1}{45}$	$\frac{91}{675}$	$\frac{584}{2025}$	$\frac{44}{135}$	$\Phi_{2025}\ \Phi_{405}\ \Phi_{135}\ \Phi_{81}\ \Phi_{27}\ \Phi_{1}$
97515	1441	1863	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{422}{1863}$	$\frac{199}{621}$	$\Phi_{1863}\ \Phi_{207}\ \Phi_{81}\ \Phi_{69}\ \Phi_{23}\ \Phi_{1}$
97516	1441	1596	$\frac{3}{76}$	$\frac{155}{1596}$	$\frac{1}{4}$	$\frac{73}{228}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{133}\ \Phi_{84}\ \Phi_{76}\ \Phi_{42}\ \Phi_{38}\ \Phi_{28}\ \Phi_{21}\ \Phi_{19}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
97517	1441	192	$\frac{3}{64}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{61}{192}$	$\Phi_{192}^{11}\ \Phi_{96}^{11}\ \Phi_{48}^{11}\ \Phi_{24}^{11}\ \Phi_{16}^{2}\ \Phi_{12}^{11}\ \Phi_{8}^{2}\ \Phi_{6}^{11}\ \Phi_{4}^{2}\ \Phi_{3}^{11}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
97518	1441	192	$\frac{3}{64}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{61}{192}$	$\Phi_{192}^{7}\ \Phi_{96}^{7}\ \Phi_{64}^{8}\ \Phi_{48}^{7}\ \Phi_{32}^{8}\ \Phi_{24}^{7}\ \Phi_{16}^{8}\ \Phi_{12}^{10}\ \Phi_{8}^{8}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
97519	1441	2106	$\frac{37}{702}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{665}{2106}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{1}$
97520	1441	2100	$\frac{41}{700}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{659}{2100}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{105}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{42}\ \Phi_{30}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
97521	1441	144	$\frac{1}{16}$	$\frac{13}{144}$	$\frac{3}{16}$	$\frac{5}{16}$	$\Phi_{144}^{11}\ \Phi_{72}^{11}\ \Phi_{48}^{11}\ \Phi_{36}^{11}\ \Phi_{24}^{11}\ \Phi_{18}^{11}\ \Phi_{16}^{2}\ \Phi_{12}^{11}\ \Phi_{9}^{11}\ \Phi_{8}^{2}\ \Phi_{6}^{11}\ \Phi_{4}^{2}\ \Phi_{3}^{11}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
97522	1441	160	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{29}{160}$	$\frac{5}{16}$	$\Phi_{160}^{11}\ \Phi_{80}^{11}\ \Phi_{40}^{11}\ \Phi_{20}^{11}\ \Phi_{16}^{2}\ \Phi_{10}^{11}\ \Phi_{8}^{2}\ \Phi_{5}^{11}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
97523	1441	1872	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{431}{1872}$	$\frac{193}{624}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
97524	1441	189	$\frac{5}{63}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{58}{189}$	$\Phi_{189}^{11}\ \Phi_{63}\ \Phi_{27}^{11}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
97525	1441	2052	$\frac{3}{76}$	$\frac{73}{684}$	$\frac{1}{4}$	$\frac{611}{2052}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{513}\ \Phi_{108}\ \Phi_{76}\ \Phi_{54}\ \Phi_{38}\ \Phi_{27}\ \Phi_{19}\ \Phi_{1}$
97526	1441	2040	$\frac{4}{85}$	$\frac{81}{680}$	$\frac{1}{5}$	$\frac{599}{2040}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{120}\ \Phi_{102}\ \Phi_{85}\ \Phi_{60}\ \Phi_{51}\ \Phi_{30}\ \Phi_{24}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
97527	1441	1680	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{239}{1680}$	$\frac{97}{336}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
97528	1441	1890	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{449}{1890}$	$\frac{181}{630}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{70}\ \Phi_{54}\ \Phi_{42}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
97529	1441	2016	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{97}{672}$	$\frac{575}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
97530	1441	144	$\frac{1}{12}$	$\frac{13}{144}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{144}^{11}\ \Phi_{72}^{11}\ \Phi_{48}^{11}\ \Phi_{36}^{5}\ \Phi_{24}^{11}\ \Phi_{18}^{6}\ \Phi_{16}^{11}\ \Phi_{12}^{10}\ \Phi_{9}^{6}\ \Phi_{8}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
97531	1441	180	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{180}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{45}^{11}\ \Phi_{36}^{11}\ \Phi_{18}^{11}\ \Phi_{12}^{10}\ \Phi_{9}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
97532	1441	135	$\frac{4}{135}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{135}^{11}\ \Phi_{45}^{11}\ \Phi_{27}^{11}\ \Phi_{15}^{7}\ \Phi_{9}^{11}\ \Phi_{5}^{10}\ \Phi_{3}^{7}\ \Phi_{1}^{11}$
97533	1441	780	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{780}^{2}\ \Phi_{390}\ \Phi_{260}^{2}\ \Phi_{195}\ \Phi_{156}^{3}\ \Phi_{130}^{2}\ \Phi_{78}^{2}\ \Phi_{65}^{2}\ \Phi_{60}^{2}\ \Phi_{52}^{3}\ \Phi_{39}^{2}\ \Phi_{30}\ \Phi_{26}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{13}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
97534	1441	420	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{140}\ \Phi_{105}^{5}\ \Phi_{84}^{5}\ \Phi_{70}\ \Phi_{60}^{5}\ \Phi_{42}^{5}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}^{5}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^{5}\ \Phi_{7}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
97535	1441	2145	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{165}\ \Phi_{143}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}$
97536	1441	1944	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{145}{648}$	$\frac{503}{1944}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{1}$
97537	1441	1824	$\frac{3}{76}$	$\frac{73}{456}$	$\frac{383}{1824}$	$\frac{1}{4}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{304}\ \Phi_{96}\ \Phi_{76}\ \Phi_{48}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{16}\ \Phi_{1}$
97538	1441	144	$\frac{1}{12}$	$\frac{13}{144}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{144}^{11}\ \Phi_{72}^{11}\ \Phi_{48}^{7}\ \Phi_{36}^{11}\ \Phi_{24}^{7}\ \Phi_{18}^{11}\ \Phi_{16}^{8}\ \Phi_{12}^{10}\ \Phi_{9}^{11}\ \Phi_{8}^{8}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
97539	1441	480	$\frac{1}{12}$	$\frac{3}{32}$	$\frac{29}{160}$	$\frac{1}{4}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{3}\ \Phi_{120}^{4}\ \Phi_{80}^{3}\ \Phi_{60}^{4}\ \Phi_{40}^{3}\ \Phi_{30}^{4}\ \Phi_{20}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
97540	1441	1700	$\frac{4}{85}$	$\frac{259}{1700}$	$\frac{1}{5}$	$\frac{81}{340}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{425}\ \Phi_{100}\ \Phi_{85}\ \Phi_{50}\ \Phi_{25}\ \Phi_{17}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
97541	1441	168	$\frac{1}{12}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{168}$	$\Phi_{168}^{11}\ \Phi_{84}^{5}\ \Phi_{56}^{11}\ \Phi_{42}^{6}\ \Phi_{28}^{5}\ \Phi_{24}^{11}\ \Phi_{21}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{10}\ \Phi_{8}^{11}\ \Phi_{7}^{6}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
97542	1441	1792	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{351}{1792}$	$\frac{97}{448}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{256}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
97543	1441	1600	$\frac{159}{1600}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{200}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_{1}$
97544	1441	1750	$\frac{1}{10}$	$\frac{41}{350}$	$\frac{309}{1750}$	$\frac{9}{50}$	$\Phi_{1750}\ \Phi_{875}\ \Phi_{250}\ \Phi_{125}\ \Phi_{50}\ \Phi_{25}\ \Phi_{1}$
97545	1442	2460	$\frac{1}{205}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{102}{205}$	$\Phi_{2460}\ \Phi_{820}\ \Phi_{492}\ \Phi_{205}\ \Phi_{164}\ \Phi_{60}\ \Phi_{41}\ \Phi_{20}\ \Phi_{12}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
97546	1442	1845	$\frac{1}{205}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{102}{205}$	$\Phi_{1845}\ \Phi_{369}\ \Phi_{205}\ \Phi_{45}\ \Phi_{41}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
97547	1442	1310	$\frac{1}{131}$	$\frac{66}{655}$	$\frac{589}{1310}$	$\frac{65}{131}$	$\Phi_{1310}^{2}\ \Phi_{262}^{2}\ \Phi_{131}\ \Phi_{10}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
97548	1442	1430	$\frac{6}{715}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{709}{1430}$	$\Phi_{1430}^{2}\ \Phi_{286}^{2}\ \Phi_{130}^{2}\ \Phi_{110}^{2}\ \Phi_{26}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
97549	1442	2652	$\frac{1}{102}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{101}{204}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{204}^{2}\ \Phi_{156}\ \Phi_{68}^{2}\ \Phi_{52}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
97550	1442	408	$\frac{1}{102}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{101}{204}$	$\Phi_{408}^{4}\ \Phi_{204}^{2}\ \Phi_{136}^{4}\ \Phi_{102}^{4}\ \Phi_{68}^{2}\ \Phi_{51}^{4}\ \Phi_{34}^{4}\ \Phi_{24}^{5}\ \Phi_{17}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
97551	1442	552	$\frac{1}{69}$	$\frac{1}{8}$	$\frac{35}{138}$	$\frac{34}{69}$	$\Phi_{552}^{3}\ \Phi_{276}^{3}\ \Phi_{184}^{3}\ \Phi_{138}\ \Phi_{92}^{3}\ \Phi_{69}^{2}\ \Phi_{46}\ \Phi_{24}^{3}\ \Phi_{23}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
97552	1442	1419	$\frac{23}{1419}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{698}{1419}$	$\Phi_{1419}\ \Phi_{473}\ \Phi_{129}\ \Phi_{43}\ \Phi_{33}^{2}\ \Phi_{11}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
97553	1442	968	$\frac{5}{242}$	$\frac{1}{11}$	$\frac{247}{968}$	$\frac{237}{484}$	$\Phi_{968}^{2}\ \Phi_{242}^{2}\ \Phi_{121}^{2}\ \Phi_{88}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
97554	1442	1408	$\frac{17}{704}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{687}{1408}$	$\Phi_{1408}^{2}\ \Phi_{128}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
97555	1442	4218	$\frac{18}{703}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{685}{1406}$	$\Phi_{4218}\ \Phi_{222}\ \Phi_{114}\ \Phi_{57}\ \Phi_{6}$
97556	1442	2280	$\frac{1}{38}$	$\frac{39}{760}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{120}\ \Phi_{114}\ \Phi_{60}\ \Phi_{57}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{6}$
97557	1442	600	$\frac{3}{100}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{97}{200}$	$\Phi_{600}^{5}\ \Phi_{200}^{4}\ \Phi_{120}^{5}\ \Phi_{60}\ \Phi_{40}^{4}\ \Phi_{30}\ \Phi_{24}^{5}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}^{4}\ \Phi_{6}$
97558	1442	198	$\frac{4}{99}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{95}{198}$	$\Phi_{198}^{14}\ \Phi_{66}^{14}\ \Phi_{33}^{2}\ \Phi_{22}^{14}\ \Phi_{18}^{14}\ \Phi_{11}\ \Phi_{6}^{14}\ \Phi_{3}^{2}\ \Phi_{2}^{14}\ \Phi_{1}^{2}$
97559	1442	792	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{95}{198}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{132}^{2}\ \Phi_{99}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{3}\ \Phi_{44}^{2}\ \Phi_{36}^{3}\ \Phi_{33}^{2}\ \Phi_{24}^{3}\ \Phi_{18}\ \Phi_{12}^{3}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
97560	1442	920	$\frac{1}{23}$	$\frac{12}{115}$	$\frac{1}{8}$	$\frac{11}{23}$	$\Phi_{920}^{2}\ \Phi_{460}^{2}\ \Phi_{230}^{2}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
97561	1442	1368	$\frac{1}{38}$	$\frac{37}{684}$	$\frac{1}{3}$	$\frac{647}{1368}$	$\Phi_{1368}^{2}\ \Phi_{456}^{2}\ \Phi_{152}^{2}\ \Phi_{114}\ \Phi_{72}^{2}\ \Phi_{57}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{6}$
97562	1442	960	$\frac{1}{15}$	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{192}$	$\Phi_{960}^{3}\ \Phi_{320}^{3}\ \Phi_{192}^{2}\ \Phi_{120}\ \Phi_{64}^{2}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
97563	1442	792	$\frac{5}{66}$	$\frac{71}{792}$	$\frac{1}{11}$	$\frac{61}{132}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{2}\ \Phi_{66}^{2}\ \Phi_{36}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
97564	1442	1365	$\frac{2}{105}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}^{2}\ \Phi_{91}\ \Phi_{65}\ \Phi_{35}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{13}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
97565	1442	1989	$\frac{1}{51}$	$\frac{1}{13}$	$\frac{50}{153}$	$\frac{6}{13}$	$\Phi_{1989}\ \Phi_{153}^{2}\ \Phi_{117}\ \Phi_{13}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
97566	1442	1768	$\frac{1}{34}$	$\frac{1}{13}$	$\frac{33}{136}$	$\frac{6}{13}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{136}^{2}\ \Phi_{104}\ \Phi_{68}^{2}\ \Phi_{52}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
97567	1442	1404	$\frac{5}{108}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{52}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
97568	1442	1547	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{16}{119}$	$\frac{6}{13}$	$\Phi_{1547}\ \Phi_{119}^{2}\ \Phi_{91}\ \Phi_{13}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
97569	1442	1331	$\frac{10}{121}$	$\frac{111}{1331}$	$\frac{1}{11}$	$\frac{610}{1331}$	$\Phi_{1331}\ \Phi_{121}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
97570	1442	858	$\frac{6}{143}$	$\frac{1}{11}$	$\frac{137}{858}$	$\frac{5}{11}$	$\Phi_{858}^{2}\ \Phi_{429}^{2}\ \Phi_{286}^{2}\ \Phi_{78}^{2}\ \Phi_{66}^{2}\ \Phi_{39}^{2}\ \Phi_{33}^{2}\ \Phi_{26}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
97571	1442	110	$\frac{7}{110}$	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{5}{11}$	$\Phi_{110}^{14}\ \Phi_{55}^{12}\ \Phi_{22}^{14}\ \Phi_{11}^{13}\ \Phi_{10}^{14}\ \Phi_{5}^{12}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
97572	1442	1320	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{61}{660}$	$\frac{599}{1320}$	$\Phi_{1320}^{2}\ \Phi_{440}^{2}\ \Phi_{264}^{2}\ \Phi_{120}^{2}\ \Phi_{88}^{2}\ \Phi_{66}^{2}\ \Phi_{40}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
97573	1442	216	$\frac{5}{108}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{216}^{8}\ \Phi_{108}^{6}\ \Phi_{72}^{7}\ \Phi_{54}^{6}\ \Phi_{36}^{5}\ \Phi_{27}^{6}\ \Phi_{24}^{7}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
97574	1442	184	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{1}{8}$	$\frac{81}{184}$	$\Phi_{184}^{7}\ \Phi_{92}^{9}\ \Phi_{46}^{9}\ \Phi_{23}^{8}\ \Phi_{8}^{6}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
97575	1442	1680	$\frac{1}{15}$	$\frac{9}{112}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
97576	1442	2730	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{79}{182}$	$\Phi_{2730}\ \Phi_{910}\ \Phi_{546}\ \Phi_{390}\ \Phi_{210}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}\ \Phi_{70}\ \Phi_{65}\ \Phi_{42}\ \Phi_{39}\ \Phi_{30}\ \Phi_{10}\ \Phi_{6}$
97577	1442	312	$\frac{1}{104}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{312}^{5}\ \Phi_{156}^{5}\ \Phi_{104}^{4}\ \Phi_{78}^{5}\ \Phi_{52}^{4}\ \Phi_{39}^{5}\ \Phi_{26}^{4}\ \Phi_{24}^{5}\ \Phi_{13}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
97578	1442	420	$\frac{2}{105}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{420}^{6}\ \Phi_{140}^{6}\ \Phi_{105}^{2}\ \Phi_{84}^{6}\ \Phi_{60}^{5}\ \Phi_{35}^{2}\ \Phi_{28}^{6}\ \Phi_{21}^{2}\ \Phi_{20}^{5}\ \Phi_{15}^{2}\ \Phi_{12}^{6}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
97579	1442	492	$\frac{1}{41}$	$\frac{20}{123}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{492}^{5}\ \Phi_{164}^{5}\ \Phi_{123}^{2}\ \Phi_{41}\ \Phi_{12}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
97580	1442	1210	$\frac{5}{121}$	$\frac{1}{11}$	$\frac{116}{605}$	$\frac{489}{1210}$	$\Phi_{1210}^{2}\ \Phi_{242}^{2}\ \Phi_{121}^{2}\ \Phi_{110}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
97581	1442	520	$\frac{1}{104}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{520}^{3}\ \Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{104}^{2}\ \Phi_{65}^{3}\ \Phi_{52}^{2}\ \Phi_{40}^{3}\ \Phi_{26}^{2}\ \Phi_{20}^{3}\ \Phi_{13}^{2}\ \Phi_{10}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
97582	1442	1179	$\frac{1}{131}$	$\frac{263}{1179}$	$\frac{130}{393}$	$\frac{458}{1179}$	$\Phi_{1179}\ \Phi_{393}^{2}\ \Phi_{131}\ \Phi_{9}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
97583	1442	748	$\frac{27}{748}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{748}^{2}\ \Phi_{374}^{2}\ \Phi_{187}^{2}\ \Phi_{68}^{2}\ \Phi_{34}^{2}\ \Phi_{22}^{2}\ \Phi_{17}^{2}\ \Phi_{11}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
97584	1442	1048	$\frac{1}{131}$	$\frac{65}{262}$	$\frac{327}{1048}$	$\frac{197}{524}$	$\Phi_{1048}^{2}\ \Phi_{262}^{2}\ \Phi_{131}\ \Phi_{8}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
97585	1442	780	$\frac{1}{26}$	$\frac{1}{15}$	$\frac{25}{78}$	$\frac{53}{156}$	$\Phi_{780}^{3}\ \Phi_{390}\ \Phi_{260}^{3}\ \Phi_{195}\ \Phi_{156}^{2}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}^{3}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{30}\ \Phi_{20}^{3}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{4}^{2}$
97586	1442	1089	$\frac{10}{363}$	$\frac{1}{11}$	$\frac{353}{1089}$	$\frac{368}{1089}$	$\Phi_{1089}\ \Phi_{363}^{2}\ \Phi_{121}^{2}\ \Phi_{99}\ \Phi_{33}^{2}\ \Phi_{11}\ \Phi_{9}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
97587	1442	936	$\frac{1}{104}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{312}\ \Phi_{234}^{2}\ \Phi_{156}\ \Phi_{117}^{2}\ \Phi_{78}\ \Phi_{72}^{2}\ \Phi_{39}\ \Phi_{36}^{2}\ \Phi_{24}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{6}$
97588	1442	840	$\frac{2}{105}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{140}^{2}\ \Phi_{120}^{2}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{6}$
97589	1442	1224	$\frac{1}{51}$	$\frac{1}{8}$	$\frac{50}{153}$	$\frac{1}{3}$	$\Phi_{1224}^{2}\ \Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{24}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{6}$
97590	1442	114	$\frac{1}{38}$	$\frac{11}{114}$	$\frac{37}{114}$	$\frac{1}{3}$	$\Phi_{114}^{13}\ \Phi_{57}^{13}\ \Phi_{38}^{12}\ \Phi_{19}^{12}\ \Phi_{6}^{13}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
97591	1442	1026	$\frac{1}{38}$	$\frac{37}{342}$	$\frac{305}{1026}$	$\frac{1}{3}$	$\Phi_{1026}^{2}\ \Phi_{513}^{2}\ \Phi_{114}\ \Phi_{57}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{6}$
97592	1442	408	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{33}{136}$	$\frac{1}{3}$	$\Phi_{408}^{5}\ \Phi_{204}^{5}\ \Phi_{102}^{6}\ \Phi_{51}^{6}\ \Phi_{24}^{6}\ \Phi_{12}^{6}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
97593	1442	315	$\frac{2}{105}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{315}^{6}\ \Phi_{105}^{2}\ \Phi_{63}^{6}\ \Phi_{45}^{5}\ \Phi_{35}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{6}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
97594	1442	369	$\frac{1}{41}$	$\frac{20}{123}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{369}^{5}\ \Phi_{123}^{2}\ \Phi_{41}\ \Phi_{9}^{6}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
97595	1442	912	$\frac{1}{38}$	$\frac{37}{228}$	$\frac{191}{912}$	$\frac{1}{3}$	$\Phi_{912}^{2}\ \Phi_{456}^{2}\ \Phi_{304}^{2}\ \Phi_{152}^{2}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{6}$
97596	1442	2040	$\frac{2}{51}$	$\frac{1}{8}$	$\frac{49}{255}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{340}\ \Phi_{170}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
97597	1442	216	$\frac{5}{108}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{216}^{8}\ \Phi_{108}^{6}\ \Phi_{72}^{8}\ \Phi_{54}^{6}\ \Phi_{36}^{6}\ \Phi_{27}^{6}\ \Phi_{24}^{5}\ \Phi_{18}^{6}\ \Phi_{12}^{3}\ \Phi_{9}^{6}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
97598	1442	2856	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{16}{119}$	$\frac{1}{3}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
97599	1442	114	$\frac{3}{38}$	$\frac{11}{114}$	$\frac{5}{38}$	$\frac{1}{3}$	$\Phi_{114}^{12}\ \Phi_{57}^{12}\ \Phi_{38}^{14}\ \Phi_{19}^{14}\ \Phi_{6}^{12}\ \Phi_{3}^{11}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
97600	1442	1056	$\frac{17}{352}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{335}{1056}$	$\Phi_{1056}^{2}\ \Phi_{528}^{2}\ \Phi_{264}^{2}\ \Phi_{132}^{2}\ \Phi_{96}^{2}\ \Phi_{66}^{2}\ \Phi_{48}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
97601	1442	2376	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{91}{297}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
97602	1442	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{7}{24}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^{12}\ \Phi_{30}^{12}\ \Phi_{24}^{13}\ \Phi_{20}^{12}\ \Phi_{15}^{11}\ \Phi_{12}^{13}\ \Phi_{10}^{12}\ \Phi_{8}^{12}\ \Phi_{6}^{13}\ \Phi_{5}^{11}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
97603	1442	720	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{144}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{144}^{2}\ \Phi_{120}\ \Phi_{90}^{3}\ \Phi_{72}^{2}\ \Phi_{60}\ \Phi_{45}^{3}\ \Phi_{40}\ \Phi_{36}^{2}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}^{2}\ \Phi_{6}$
97604	1442	792	$\frac{71}{792}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{28}{99}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{36}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
97605	1442	990	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{61}{330}$	$\frac{269}{990}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{90}^{2}\ \Phi_{66}^{2}\ \Phi_{45}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
97606	1442	552	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{11}{46}$	$\frac{35}{138}$	$\Phi_{552}^4\ \Phi_{276}^4\ \Phi_{184}\ \Phi_{138}^2\ \Phi_{92}\ \Phi_{69}^2\ \Phi_{46}\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
97607	1442	120	$\frac{1}{15}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{120}^{14}\ \Phi_{60}^{10}\ \Phi_{40}^{14}\ \Phi_{30}^{10}\ \Phi_{24}^{14}\ \Phi_{20}^{11}\ \Phi_{15}^9\ \Phi_{12}^{10}\ \Phi_{10}^{11}\ \Phi_8^{14}\ \Phi_6^{10}\ \Phi_5^{10}\ \Phi_4^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
97608	1442	792	$\frac{71}{792}$	$\frac{1}{11}$	$\frac{17}{88}$	$\frac{5}{22}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{72}^2\ \Phi_{66}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
97609	1442	880	$\frac{1}{11}$	$\frac{17}{176}$	$\frac{159}{880}$	$\frac{5}{22}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{80}^2\ \Phi_{55}^2\ \Phi_{40}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
97610	1442	132	$\frac{1}{11}$	$\frac{4}{33}$	$\frac{5}{33}$	$\frac{29}{132}$	$\Phi_{132}^{14}\ \Phi_{66}^{14}\ \Phi_{44}^{14}\ \Phi_{33}^2\ \Phi_{22}^{14}\ \Phi_{12}^{14}\ \Phi_{11}\ \Phi_6^{14}\ \Phi_4^{14}\ \Phi_3^2\ \Phi_2^{14}\ \Phi_1^2$
97611	1442	1920	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{25}{128}$	$\frac{7}{32}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
97612	1443	824	$\frac{1}{206}$	$\frac{69}{412}$	$\frac{343}{824}$	$\frac{205}{412}$	$\Phi_{824}^3\ \Phi_{412}\ \Phi_8^3\ \Phi_4\ \Phi_1$
97613	1443	1320	$\frac{1}{110}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{109}{220}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{220}\ \Phi_{120}^2\ \Phi_{88}^2\ \Phi_{44}\ \Phi_{40}^2\ \Phi_{24}^3\ \Phi_{20}\ \Phi_8^3\ \Phi_4\ \Phi_1$
97614	1443	660	$\frac{1}{110}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{109}{220}$	$\Phi_{660}^4\ \Phi_{220}^5\ \Phi_{132}^4\ \Phi_{60}^4\ \Phi_{44}^5\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{12}^4\ \Phi_5\ \Phi_4^5\ \Phi_1$
97615	1443	1980	$\frac{1}{110}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{109}{220}$	$\Phi_{1980}^2\ \Phi_{396}^2\ \Phi_{220}\ \Phi_{180}^2\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
97616	1443	880	$\frac{1}{110}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{109}{220}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{80}^2\ \Phi_{44}\ \Phi_{40}^2\ \Phi_{20}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
97617	1443	952	$\frac{5}{476}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{471}{952}$	$\Phi_{952}^3\ \Phi_{136}^3\ \Phi_{56}^3\ \Phi_{28}\ \Phi_8^3\ \Phi_4\ \Phi_1$
97618	1443	952	$\frac{5}{476}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{471}{952}$	$\Phi_{952}^3\ \Phi_{136}^3\ \Phi_{56}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
97619	1443	644	$\frac{2}{161}$	$\frac{1}{7}$	$\frac{163}{644}$	$\frac{159}{322}$	$\Phi_{644}^3\ \Phi_{161}^3\ \Phi_{92}^3\ \Phi_{28}^3\ \Phi_{23}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
97620	1443	1368	$\frac{1}{38}$	$\frac{1}{36}$	$\frac{35}{72}$	$\frac{37}{76}$	$\Phi_{1368}^2\ \Phi_{456}^2\ \Phi_{152}^2\ \Phi_{76}\ \Phi_{72}^3\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
97621	1443	2964	$\frac{1}{38}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{2964}\ \Phi_{988}\ \Phi_{156}\ \Phi_{76}\ \Phi_{52}\ \Phi_{39}\ \Phi_{13}\ \Phi_4\ \Phi_1$
97622	1443	2052	$\frac{1}{38}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{37}{76}$	$\Phi_{2052}^2\ \Phi_{108}^2\ \Phi_{76}\ \Phi_{54}\ \Phi_{27}\ \Phi_4\ \Phi_1$
97623	1443	760	$\frac{1}{38}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{76}$	$\Phi_{760}^2\ \Phi_{380}^2\ \Phi_{190}^2\ \Phi_{152}^2\ \Phi_{95}^2\ \Phi_{76}\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
97624	1443	912	$\frac{1}{38}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{76}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{152}^2\ \Phi_{76}\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
97625	1443	3420	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{76}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{380}\ \Phi_{180}\ \Phi_{76}\ \Phi_{60}\ \Phi_{45}\ \Phi_{20}\ \Phi_{15}\ \Phi_5\ \Phi_4\ \Phi_1$
97626	1443	1596	$\frac{1}{38}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{76}$	$\Phi_{1596}^2\ \Phi_{532}^2\ \Phi_{84}^2\ \Phi_{76}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
97627	1443	1368	$\frac{1}{36}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{35}{72}$	$\Phi_{1368}^2\ \Phi_{456}^2\ \Phi_{152}^2\ \Phi_{72}^3\ \Phi_{24}^3\ \Phi_{19}^2\ \Phi_8^3\ \Phi_1^3$
97628	1443	504	$\frac{1}{36}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{504}^6\ \Phi_{168}^6\ \Phi_{72}^3\ \Phi_{56}^6\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{14}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
97629	1443	2800	$\frac{43}{1400}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1357}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
97630	1443	1610	$\frac{6}{161}$	$\frac{167}{1610}$	$\frac{1}{7}$	$\frac{155}{322}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{230}\ \Phi_{161}\ \Phi_{115}\ \Phi_{70}\ \Phi_{35}\ \Phi_{23}\ \Phi_{10}\ \Phi_5\ \Phi_1$
97631	1443	924	$\frac{19}{462}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{443}{924}$	$\Phi_{924}^3\ \Phi_{308}^3\ \Phi_{132}^3\ \Phi_{84}^3\ \Phi_{44}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
97632	1443	70	$\frac{2}{35}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{33}{70}$	$\Phi_{70}^{18}\ \Phi_{35}^{21}\ \Phi_{14}^{24}\ \Phi_{10}^{18}\ \Phi_7^{26}\ \Phi_5^{21}\ \Phi_2^{24}\ \Phi_1^{27}$
97633	1443	896	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{17}{128}$	$\frac{15}{32}$	$\Phi_{896}^2\ \Phi_{448}^2\ \Phi_{128}\ \Phi_{112}^2\ \Phi_{64}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
97634	1443	1456	$\frac{7}{104}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{97}{208}$	$\Phi_{1456}^2\ \Phi_{208}\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
97635	1443	1904	$\frac{15}{476}$	$\frac{1}{14}$	$\frac{461}{1904}$	$\frac{13}{28}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{272}\ \Phi_{136}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
97636	1443	504	$\frac{23}{504}$	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
97637	1443	896	$\frac{1}{14}$	$\frac{33}{448}$	$\frac{13}{112}$	$\frac{415}{896}$	$\Phi_{896}^3\ \Phi_{128}^3\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
97638	1443	1320	$\frac{1}{55}$	$\frac{1}{12}$	$\frac{18}{55}$	$\frac{11}{24}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{120}^2\ \Phi_{88}^2\ \Phi_{55}^2\ \Phi_{40}^2\ \Phi_{24}^3\ \Phi_{11}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_1^3$
97639	1443	456	$\frac{1}{38}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{456}^6\ \Phi_{152}^6\ \Phi_{76}^2\ \Phi_{38}\ \Phi_{24}^3\ \Phi_{19}\ \Phi_8^3\ \Phi_4\ \Phi_1$
97640	1443	2760	$\frac{4}{115}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{184}\ \Phi_{115}\ \Phi_{24}\ \Phi_{23}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
97641	1443	264	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{7}{44}$	$\frac{11}{24}$	$\Phi_{264}^{10}\ \Phi_{88}^{10}\ \Phi_{44}^{3}\ \Phi_{24}^{11}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{11}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
97642	1443	120	$\frac{3}{40}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{24}$	$\Phi_{120}^{10}\ \Phi_{60}^{12}\ \Phi_{40}^{13}\ \Phi_{30}^{12}\ \Phi_{24}^{11}\ \Phi_{20}^{15}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_{10}^{14}\ \Phi_{8}^{14}\ \Phi_{6}^{12}\ \Phi_{5}^{14}\ \Phi_{4}^{15}\ \Phi_{3}^{12}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
97643	1443	2904	$\frac{10}{121}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{24}$	$\Phi_{2904}\ \Phi_{968}\ \Phi_{121}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
97644	1443	504	$\frac{23}{504}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{504}^{3}\ \Phi_{252}^{3}\ \Phi_{168}^{3}\ \Phi_{126}^{3}\ \Phi_{84}^{3}\ \Phi_{72}^{3}\ \Phi_{63}^{3}\ \Phi_{56}^{3}\ \Phi_{36}^{3}\ \Phi_{28}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
97645	1443	1330	$\frac{1}{38}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{266}\ \Phi_{190}^{2}\ \Phi_{133}\ \Phi_{95}^{2}\ \Phi_{38}\ \Phi_{35}\ \Phi_{19}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
97646	1443	1568	$\frac{1}{14}$	$\frac{125}{1568}$	$\frac{13}{112}$	$\frac{99}{224}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{28}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
97647	1443	2576	$\frac{6}{161}$	$\frac{155}{1288}$	$\frac{1}{7}$	$\frac{1133}{2576}$	$\Phi_{2576}\ \Phi_{368}\ \Phi_{161}\ \Phi_{112}\ \Phi_{23}\ \Phi_{16}\ \Phi_{1}$
97648	1443	304	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{304}^{4}\ \Phi_{152}^{6}\ \Phi_{76}^{6}\ \Phi_{38}^{5}\ \Phi_{19}^{5}\ \Phi_{16}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
97649	1443	196	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{85}{196}$	$\Phi_{196}^{13}\ \Phi_{28}^{13}\ \Phi_{14}^{12}\ \Phi_{7}^{12}\ \Phi_{4}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
97650	1443	448	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{5}{32}$	$\frac{27}{64}$	$\Phi_{448}^{6}\ \Phi_{112}^{2}\ \Phi_{64}^{3}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
97651	1443	824	$\frac{1}{103}$	$\frac{69}{412}$	$\frac{34}{103}$	$\frac{343}{824}$	$\Phi_{824}^{3}\ \Phi_{103}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
97652	1443	2060	$\frac{1}{103}$	$\frac{102}{515}$	$\frac{617}{2060}$	$\frac{413}{1030}$	$\Phi_{2060}\ \Phi_{515}\ \Phi_{412}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
97653	1443	1216	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{1216}^{2}\ \Phi_{152}^{2}\ \Phi_{76}^{2}\ \Phi_{64}\ \Phi_{38}\ \Phi_{19}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
97654	1443	490	$\frac{9}{490}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{490}^{3}\ \Phi_{245}^{3}\ \Phi_{98}^{3}\ \Phi_{70}^{3}\ \Phi_{49}^{3}\ \Phi_{35}^{3}\ \Phi_{10}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
97655	1443	380	$\frac{1}{38}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{380}^{6}\ \Phi_{190}^{2}\ \Phi_{95}^{2}\ \Phi_{76}^{6}\ \Phi_{38}\ \Phi_{20}^{3}\ \Phi_{19}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}^{3}\ \Phi_{1}$
97656	1443	515	$\frac{4}{103}$	$\frac{34}{515}$	$\frac{33}{103}$	$\frac{35}{103}$	$\Phi_{515}^{3}\ \Phi_{103}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
97657	1443	56	$\frac{1}{28}$	$\frac{1}{14}$	$\frac{9}{28}$	$\frac{19}{56}$	$\Phi_{56}^{39}\ \Phi_{28}^{13}\ \Phi_{14}^{12}\ \Phi_{8}^{39}\ \Phi_{7}^{12}\ \Phi_{4}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
97658	1443	618	$\frac{1}{103}$	$\frac{137}{618}$	$\frac{34}{103}$	$\frac{69}{206}$	$\Phi_{618}^{3}\ \Phi_{309}^{3}\ \Phi_{103}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
97659	1443	165	$\frac{1}{55}$	$\frac{2}{15}$	$\frac{18}{55}$	$\frac{1}{3}$	$\Phi_{165}^{8}\ \Phi_{55}^{10}\ \Phi_{33}^{8}\ \Phi_{15}^{9}\ \Phi_{11}^{10}\ \Phi_{5}^{11}\ \Phi_{3}^{8}\ \Phi_{1}^{11}$
97660	1443	741	$\frac{2}{39}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{741}^{2}\ \Phi_{247}^{2}\ \Phi_{39}^{3}\ \Phi_{19}^{2}\ \Phi_{13}^{3}\ \Phi_{1}^{3}$
97661	1443	1140	$\frac{1}{38}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}^{2}\ \Phi_{570}\ \Phi_{380}^{2}\ \Phi_{285}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}^{2}\ \Phi_{60}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
97662	1443	1092	$\frac{2}{39}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}^{2}\ \Phi_{546}\ \Phi_{364}^{2}\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}\ \Phi_{91}\ \Phi_{52}\ \Phi_{39}\ \Phi_{28}^{2}\ \Phi_{14}\ \Phi_{13}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
97663	1443	345	$\frac{4}{115}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{345}^{4}\ \Phi_{115}^{5}\ \Phi_{69}^{4}\ \Phi_{23}^{5}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
97664	1443	660	$\frac{1}{22}$	$\frac{2}{15}$	$\frac{7}{44}$	$\frac{1}{3}$	$\Phi_{660}^{3}\ \Phi_{330}^{2}\ \Phi_{220}^{3}\ \Phi_{165}^{2}\ \Phi_{110}^{2}\ \Phi_{60}^{3}\ \Phi_{55}^{2}\ \Phi_{44}^{3}\ \Phi_{30}^{2}\ \Phi_{22}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
97665	1443	120	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^{15}\ \Phi_{30}^{8}\ \Phi_{24}^{12}\ \Phi_{20}^{15}\ \Phi_{15}^{9}\ \Phi_{12}^{12}\ \Phi_{10}^{10}\ \Phi_{8}^{15}\ \Phi_{6}^{8}\ \Phi_{5}^{11}\ \Phi_{4}^{15}\ \Phi_{3}^{8}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
97666	1443	1815	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{121}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
97667	1443	990	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{18}{55}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{90}^{2}\ \Phi_{55}^{2}\ \Phi_{45}^{2}\ \Phi_{18}^{3}\ \Phi_{11}^{2}\ \Phi_{9}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
97668	1443	880	$\frac{1}{55}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{18}{55}$	$\Phi_{880}^{2}\ \Phi_{440}^{2}\ \Phi_{176}^{2}\ \Phi_{88}^{2}\ \Phi_{80}^{2}\ \Phi_{55}^{2}\ \Phi_{40}^{2}\ \Phi_{16}^{3}\ \Phi_{11}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
97669	1443	714	$\frac{5}{238}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{233}{714}$	$\Phi_{714}^{3}\ \Phi_{357}^{3}\ \Phi_{102}^{3}\ \Phi_{51}^{3}\ \Phi_{42}^{3}\ \Phi_{21}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
97670	1443	1026	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{6}{19}$	$\Phi_{1026}^{2}\ \Phi_{513}^{2}\ \Phi_{54}^{3}\ \Phi_{27}^{3}\ \Phi_{19}^{2}\ \Phi_{1}^{3}$
97671	1443	760	$\frac{1}{19}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{760}^{2}\ \Phi_{380}^{2}\ \Phi_{190}^{2}\ \Phi_{152}^{2}\ \Phi_{95}^{2}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{19}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
97672	1443	912	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{6}{19}$	$\Phi_{912}^{2}\ \Phi_{456}^{2}\ \Phi_{304}^{2}\ \Phi_{152}^{2}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{19}^{2}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
97673	1443	855	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{6}{19}$	$\Phi_{855}^{2}\ \Phi_{285}^{2}\ \Phi_{95}^{2}\ \Phi_{45}^{3}\ \Phi_{19}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
97674	1443	798	$\frac{1}{19}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{6}{19}$	$\Phi_{798}^{2}\ \Phi_{399}^{2}\ \Phi_{266}^{2}\ \Phi_{133}^{2}\ \Phi_{42}^{3}\ \Phi_{21}^{3}\ \Phi_{19}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{1}^{3}$
97675	1443	756	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{756}^{4}\ \Phi_{378}^{2}\ \Phi_{189}^{2}\ \Phi_{108}^{2}\ \Phi_{54}\ \Phi_{28}^{2}\ \Phi_{27}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
97676	1443	336	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{11}{48}$	$\frac{5}{16}$	$\Phi_{336}^{6}\ \Phi_{168}^{6}\ \Phi_{112}^{2}\ \Phi_{84}^{6}\ \Phi_{56}^{2}\ \Phi_{48}^{3}\ \Phi_{42}^{6}\ \Phi_{28}^{2}\ \Phi_{24}^{3}\ \Phi_{21}^{6}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}^{3}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
97677	1443	693	$\frac{19}{231}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{212}{693}$	$\Phi_{693}^{3}\ \Phi_{99}^{3}\ \Phi_{63}^{3}\ \Phi_{21}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
97678	1443	560	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{79}{560}$	$\frac{33}{112}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{112}\ \Phi_{80}^{3}\ \Phi_{70}^{3}\ \Phi_{56}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{28}\ \Phi_{20}^{3}\ \Phi_{16}\ \Phi_{10}^{3}\ \Phi_{8}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
97679	1443	595	$\frac{5}{119}$	$\frac{1}{7}$	$\frac{114}{595}$	$\frac{2}{7}$	$\Phi_{595}^{3}\ \Phi_{85}^{3}\ \Phi_{35}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
97680	1443	504	$\frac{23}{504}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{504}^{3}\ \Phi_{252}^{3}\ \Phi_{168}^{3}\ \Phi_{126}^{3}\ \Phi_{84}^{3}\ \Phi_{72}^{3}\ \Phi_{63}^{3}\ \Phi_{56}^{3}\ \Phi_{42}^{3}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
97681	1443	42	$\frac{1}{14}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{42}^{39}\ \Phi_{21}^{39}\ \Phi_{14}^{24}\ \Phi_{7}^{26}\ \Phi_{6}^{39}\ \Phi_{3}^{39}\ \Phi_{2}^{24}\ \Phi_{1}^{27}$
97682	1443	672	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{33}{224}$	$\frac{191}{672}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{168}^{3}\ \Phi_{112}\ \Phi_{96}^{3}\ \Phi_{84}^{3}\ \Phi_{56}\ \Phi_{48}^{3}\ \Phi_{42}^{3}\ \Phi_{28}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{16}\ \Phi_{12}^{3}\ \Phi_{8}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
97683	1443	684	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{684}^{4}\ \Phi_{342}^{2}\ \Phi_{171}^{2}\ \Phi_{76}^{2}\ \Phi_{38}\ \Phi_{36}^{2}\ \Phi_{19}\ \Phi_{18}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
97684	1443	2070	$\frac{4}{115}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{414}\ \Phi_{207}\ \Phi_{115}\ \Phi_{23}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
97685	1443	396	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{396}^{6}\ \Phi_{198}^{4}\ \Phi_{99}^{4}\ \Phi_{44}^{3}\ \Phi_{36}^{6}\ \Phi_{22}^{2}\ \Phi_{18}^{5}\ \Phi_{11}^{2}\ \Phi_{9}^{5}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
97686	1443	360	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{90}^{4}\ \Phi_{72}^{6}\ \Phi_{45}^{4}\ \Phi_{40}^{3}\ \Phi_{36}^{6}\ \Phi_{20}^{3}\ \Phi_{18}^{5}\ \Phi_{10}^{2}\ \Phi_{9}^{5}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
97687	1443	2178	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2178}\ \Phi_{1089}\ \Phi_{121}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
97688	1443	644	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{155}{644}$	$\frac{163}{644}$	$\Phi_{644}^{2}\ \Phi_{322}^{2}\ \Phi_{161}^{3}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{28}^{2}\ \Phi_{23}^{3}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
97689	1443	304	$\frac{1}{38}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{304}^{6}\ \Phi_{152}^{6}\ \Phi_{76}^{2}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
97690	1443	280	$\frac{1}{14}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{280}^{6}\ \Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{56}^{6}\ \Phi_{40}^{3}\ \Phi_{35}^{6}\ \Phi_{28}^{2}\ \Phi_{20}^{3}\ \Phi_{14}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{7}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
97691	1443	336	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{336}^{6}\ \Phi_{168}^{6}\ \Phi_{112}^{6}\ \Phi_{56}^{6}\ \Phi_{48}^{3}\ \Phi_{28}^{2}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{14}\ \Phi_{8}^{3}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
97692	1443	1840	$\frac{4}{115}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{368}\ \Phi_{184}\ \Phi_{115}\ \Phi_{23}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
97693	1443	176	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{176}^{10}\ \Phi_{88}^{10}\ \Phi_{44}^{3}\ \Phi_{22}^{2}\ \Phi_{16}^{11}\ \Phi_{11}^{2}\ \Phi_{8}^{11}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
97694	1443	80	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{80}^{22}\ \Phi_{40}^{13}\ \Phi_{20}^{15}\ \Phi_{16}^{23}\ \Phi_{10}^{14}\ \Phi_{8}^{14}\ \Phi_{5}^{14}\ \Phi_{4}^{15}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
97695	1443	1936	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{121}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
97696	1443	1260	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{1260}^{2}\ \Phi_{630}\ \Phi_{420}^{2}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}^{2}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{45}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
97697	1443	84	$\frac{1}{14}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{84}^{22}\ \Phi_{42}^{11}\ \Phi_{28}^{24}\ \Phi_{21}^{11}\ \Phi_{14}^{12}\ \Phi_{12}^{24}\ \Phi_{7}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{25}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
97698	1443	560	$\frac{1}{14}$	$\frac{79}{560}$	$\frac{43}{280}$	$\frac{13}{56}$	$\Phi_{560}^{3}\ \Phi_{280}^{2}\ \Phi_{140}^{2}\ \Phi_{112}^{3}\ \Phi_{80}^{3}\ \Phi_{70}^{2}\ \Phi_{56}^{3}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{3}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
97699	1443	1792	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{349}{1792}$	$\frac{99}{448}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{256}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
97700	1443	140	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{140}$	$\Phi_{140}^{13}\ \Phi_{70}^{6}\ \Phi_{35}^{7}\ \Phi_{28}^{13}\ \Phi_{20}^{13}\ \Phi_{14}^{12}\ \Phi_{10}^{6}\ \Phi_{7}^{12}\ \Phi_{5}^{7}\ \Phi_{4}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
97701	1444	720	$\frac{1}{360}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{359}{720}$	$\Phi_{720}^{4}\ \Phi_{240}^{4}\ \Phi_{144}^{4}\ \Phi_{80}^{4}\ \Phi_{48}^{4}\ \Phi_{16}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
97702	1444	1446	$\frac{1}{241}$	$\frac{121}{482}$	$\frac{1}{3}$	$\frac{120}{241}$	$\Phi_{1446}^{2}\ \Phi_{723}\ \Phi_{6}^{2}$
97703	1444	666	$\frac{1}{111}$	$\frac{28}{333}$	$\frac{305}{666}$	$\frac{55}{111}$	$\Phi_{666}^{4}\ \Phi_{222}^{4}\ \Phi_{111}\ \Phi_{74}^{4}\ \Phi_{37}\ \Phi_{18}^{4}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
97704	1444	999	$\frac{1}{111}$	$\frac{56}{333}$	$\frac{277}{999}$	$\frac{55}{111}$	$\Phi_{999}^{2}\ \Phi_{111}\ \Phi_{37}\ \Phi_{27}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
97705	1444	444	$\frac{1}{111}$	$\frac{83}{444}$	$\frac{28}{111}$	$\frac{55}{111}$	$\Phi_{444}^{4}\ \Phi_{222}^{4}\ \Phi_{148}^{4}\ \Phi_{111}\ \Phi_{74}^{4}\ \Phi_{37}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
97706	1444	715	$\frac{7}{715}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{354}{715}$	$\Phi_{715}^{2}\ \Phi_{143}^{2}\ \Phi_{65}^{2}\ \Phi_{55}^{2}\ \Phi_{13}^{3}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
97707	1444	900	$\frac{1}{75}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{37}{75}$	$\Phi_{900}^{3}\ \Phi_{300}^{3}\ \Phi_{180}^{3}\ \Phi_{100}^{3}\ \Phi_{75}\ \Phi_{60}^{3}\ \Phi_{36}^{4}\ \Phi_{25}\ \Phi_{20}^{3}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{5}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
97708	1444	525	$\frac{1}{75}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{37}{75}$	$\Phi_{525}^{3}\ \Phi_{175}^{3}\ \Phi_{105}^{3}\ \Phi_{75}\ \Phi_{35}^{3}\ \Phi_{25}\ \Phi_{21}^{4}\ \Phi_{15}\ \Phi_{7}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
97709	1444	675	$\frac{1}{75}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{37}{75}$	$\Phi_{675}^{3}\ \Phi_{135}^{3}\ \Phi_{75}\ \Phi_{27}^{4}\ \Phi_{25}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
97710	1444	600	$\frac{1}{75}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{37}{75}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{120}^3\ \Phi_{100}^3\ \Phi_{75}\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{25}\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}^4\ \Phi_8^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
97711	1444	702	$\frac{1}{39}$	$\frac{10}{351}$	$\frac{341}{702}$	$\frac{19}{39}$	$\Phi_{702}^4\ \Phi_{234}^4\ \Phi_{78}^4\ \Phi_{54}^4\ \Phi_{39}\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
97712	1444	1053	$\frac{1}{39}$	$\frac{20}{351}$	$\frac{331}{1053}$	$\frac{19}{39}$	$\Phi_{1053}^2\ \Phi_{81}^2\ \Phi_{39}\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
97713	1444	390	$\frac{1}{39}$	$\frac{29}{390}$	$\frac{10}{39}$	$\frac{19}{39}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{65}^4\ \Phi_{39}\ \Phi_{30}^4\ \Phi_{26}^4\ \Phi_{15}^4\ \Phi_{13}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
97714	1444	468	$\frac{1}{39}$	$\frac{10}{117}$	$\frac{107}{468}$	$\frac{19}{39}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}\ \Phi_{36}^4\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
97715	1444	819	$\frac{1}{39}$	$\frac{97}{819}$	$\frac{20}{117}$	$\frac{19}{39}$	$\Phi_{819}^2\ \Phi_{273}^2\ \Phi_{91}^2\ \Phi_{63}^2\ \Phi_{39}\ \Phi_{21}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
97716	1444	37	$\frac{1}{37}$	$\frac{1}{37}$	$\frac{18}{37}$	$\frac{18}{37}$	$\Phi_{37}^{39}\ \Phi_1^{40}$
97717	1444	2220	$\frac{1}{37}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{555}\ \Phi_{444}\ \Phi_{222}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2$
97718	1444	702	$\frac{10}{351}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{341}{702}$	$\Phi_{702}^4\ \Phi_{234}^4\ \Phi_{78}^4\ \Phi_{54}^4\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}^3\ \Phi_6^4\ \Phi_2^4\ \Phi_1^4$
97719	1444	1540	$\frac{3}{77}$	$\frac{1}{20}$	$\frac{20}{77}$	$\frac{37}{77}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{140}\ \Phi_{110}\ \Phi_{70}\ \Phi_{55}\ \Phi_{44}\ \Phi_{35}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}$
97720	1444	1443	$\frac{56}{1443}$	$\frac{73}{1443}$	$\frac{379}{1443}$	$\frac{685}{1443}$	$\Phi_{1443}\ \Phi_{481}\ \Phi_{111}\ \Phi_{39}\ \Phi_{37}\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
97721	1444	723	$\frac{20}{723}$	$\frac{37}{723}$	$\frac{1}{3}$	$\frac{343}{723}$	$\Phi_{723}^2\ \Phi_{241}^2\ \Phi_3\ \Phi_1^2$
97722	1444	468	$\frac{1}{39}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{468}^6\ \Phi_{156}^6\ \Phi_{52}^6\ \Phi_{39}^2\ \Phi_{36}^4\ \Phi_{13}^2\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
97723	1444	900	$\frac{1}{25}$	$\frac{1}{18}$	$\frac{6}{25}$	$\frac{17}{36}$	$\Phi_{900}^3\ \Phi_{300}^3\ \Phi_{180}^3\ \Phi_{100}^3\ \Phi_{60}^3\ \Phi_{36}^4\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{12}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
97724	1444	180	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{180}^7\ \Phi_{90}^8\ \Phi_{60}^7\ \Phi_{45}^8\ \Phi_{36}^8\ \Phi_{30}^8\ \Phi_{20}^{11}\ \Phi_{18}^8\ \Phi_{15}^8\ \Phi_{12}^8\ \Phi_{10}^{12}\ \Phi_9^8\ \Phi_6^8\ \Phi_5^{11}\ \Phi_4^{12}\ \Phi_3^8\ \Phi_2^{12}\ \Phi_1^{12}$
97725	1444	180	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{17}{36}$	$\Phi_{180}^{15}\ \Phi_{60}^{15}\ \Phi_{45}^2\ \Phi_{36}^{16}\ \Phi_{20}^{15}\ \Phi_{15}\ \Phi_{12}^{16}\ \Phi_9^2\ \Phi_5\ \Phi_4^{16}\ \Phi_3\ \Phi_1^2$
97726	1444	416	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{55}{416}$	$\frac{49}{104}$	$\Phi_{416}^4\ \Phi_{208}^4\ \Phi_{52}^4\ \Phi_{32}^4\ \Phi_{26}^4\ \Phi_{16}^4\ \Phi_{13}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
97727	1444	1365	$\frac{79}{1365}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{643}{1365}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}^2\ \Phi_{65}\ \Phi_{39}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{13}\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
97728	1444	676	$\frac{23}{338}$	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{315}{676}$	$\Phi_{676}^4\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{13}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
97729	1444	78	$\frac{1}{39}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{78}^{26}\ \Phi_{39}^{12}\ \Phi_{26}^{24}\ \Phi_{13}^{11}\ \Phi_6^{26}\ \Phi_3^{12}\ \Phi_2^{24}\ \Phi_1^{12}$
97730	1444	429	$\frac{7}{143}$	$\frac{1}{13}$	$\frac{68}{429}$	$\frac{6}{13}$	$\Phi_{429}^4\ \Phi_{143}^2\ \Phi_{39}^4\ \Phi_{33}^4\ \Phi_{13}^3\ \Phi_{11}^2\ \Phi_3^4\ \Phi_1^4$
97731	1444	390	$\frac{29}{390}$	$\frac{1}{13}$	$\frac{7}{65}$	$\frac{6}{13}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{65}^2\ \Phi_{39}^4\ \Phi_{30}^4\ \Phi_{26}^4\ \Phi_{15}^4\ \Phi_{13}^3\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
97732	1444	666	$\frac{1}{37}$	$\frac{28}{333}$	$\frac{9}{37}$	$\frac{305}{666}$	$\Phi_{666}^4\ \Phi_{222}^4\ \Phi_{74}^4\ \Phi_{37}^3\ \Phi_{18}^4\ \Phi_6^4\ \Phi_2^4\ \Phi_1^4$
97733	1444	140	$\frac{1}{20}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{140}^{11}\ \Phi_{70}^{11}\ \Phi_{35}^9\ \Phi_{28}^{11}\ \Phi_{20}^{10}\ \Phi_{14}^{11}\ \Phi_{10}^{10}\ \Phi_7^8\ \Phi_5^8\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^8$
97734	1444	220	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{220}^7\ \Phi_{110}^7\ \Phi_{55}^7\ \Phi_{44}^7\ \Phi_{22}^3\ \Phi_{20}^6\ \Phi_{11}^4\ \Phi_{10}^6\ \Phi_5^6\ \Phi_4^6\ \Phi_2^2\ \Phi_1^4$
97735	1444	1295	$\frac{1}{37}$	$\frac{149}{1295}$	$\frac{36}{185}$	$\frac{573}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}^2\ \Phi_{37}\ \Phi_{35}\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
97736	1444	444	$\frac{1}{37}$	$\frac{9}{74}$	$\frac{83}{444}$	$\frac{65}{148}$	$\Phi_{444}^4\ \Phi_{222}^4\ \Phi_{111}^4\ \Phi_{74}^4\ \Phi_{37}^3\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
97737	1444	637	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{85}{637}$	$\frac{276}{637}$	$\Phi_{637}^2\ \Phi_{91}^4\ \Phi_{49}^2\ \Phi_{13}^3\ \Phi_7^4\ \Phi_1^4$
97738	1444	420	$\frac{1}{20}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^3\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^3\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^3\ \Phi_{30}^4\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{15}^4\ \Phi_{14}^3\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
97739	1444	660	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^3\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^3\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{55}^3\ \Phi_{44}^3\ \Phi_{30}^2\ \Phi_{22}^3\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
97740	1444	624	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{49}{312}$	$\frac{263}{624}$	$\Phi_{624}^4\ \Phi_{208}^4\ \Phi_{52}^4\ \Phi_{48}^4\ \Phi_{26}^4\ \Phi_{16}^4\ \Phi_{13}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
97741	1444	2464	$\frac{1}{77}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{308}\ \Phi_{224}\ \Phi_{154}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}$
97742	1444	592	$\frac{1}{37}$	$\frac{9}{74}$	$\frac{65}{296}$	$\frac{231}{592}$	$\Phi_{592}^4\ \Phi_{74}^4\ \Phi_{37}^3\ \Phi_{16}^4\ \Phi_2^4\ \Phi_1^4$
97743	1444	1848	$\frac{1}{77}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
97744	1444	2310	$\frac{1}{77}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{2310}\ \Phi_{770}\ \Phi_{462}\ \Phi_{385}\ \Phi_{330}\ \Phi_{210}\ \Phi_{154}\ \Phi_{110}\ \Phi_{70}\ \Phi_{66}\ \Phi_{55}\ \Phi_{42}\ \Phi_{35}\ \Phi_{22}\ \Phi_{14}$
97745	1444	555	$\frac{1}{37}$	$\frac{18}{185}$	$\frac{167}{555}$	$\frac{194}{555}$	$\Phi_{555}^2\ \Phi_{185}^4\ \Phi_{111}^2\ \Phi_{37}^3\ \Phi_{15}^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
97746	1444	546	$\frac{3}{91}$	$\frac{1}{13}$	$\frac{88}{273}$	$\frac{185}{546}$	$\Phi_{546}^4\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{78}^4\ \Phi_{42}^4\ \Phi_{26}^4\ \Phi_{14}^4\ \Phi_{13}^3\ \Phi_7^4\ \Phi_6^4\ \Phi_2^4\ \Phi_1^4$
97747	1444	363	$\frac{2}{363}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{363}^4\ \Phi_{121}^4\ \Phi_{33}^4\ \Phi_{11}^4\ \Phi_3\ \Phi_1^2$
97748	1444	540	$\frac{1}{180}$	$\frac{179}{540}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_3\ \Phi_1^2$
97749	1444	1092	$\frac{3}{364}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{156}\ \Phi_{91}^2\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
97750	1444	480	$\frac{1}{120}$	$\frac{119}{480}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{16}^4\ \Phi_3\ \Phi_1^2$
97751	1444	729	$\frac{7}{729}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{729}^2\ \Phi_{243}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_3\ \Phi_1^2$
97752	1444	1095	$\frac{4}{365}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1095}\ \Phi_{365}^2\ \Phi_{219}\ \Phi_{73}^2\ \Phi_3\ \Phi_1^2$
97753	1444	450	$\frac{1}{90}$	$\frac{89}{450}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_3\ \Phi_1^2$
97754	1444	366	$\frac{5}{366}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{366}^4\ \Phi_{183}^4\ \Phi_{122}^4\ \Phi_{61}^4\ \Phi_3\ \Phi_1^2$
97755	1444	432	$\frac{1}{72}$	$\frac{71}{432}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{108}^4\ \Phi_{54}^4\ \Phi_{48}^4\ \Phi_{27}^4\ \Phi_{16}^4\ \Phi_3\ \Phi_1^2$
97756	1444	420	$\frac{1}{60}$	$\frac{59}{420}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
97757	1444	735	$\frac{13}{735}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}^2\ \Phi_{105}^2\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
97758	1444	1104	$\frac{7}{368}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}^2\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{48}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
97759	1444	369	$\frac{8}{369}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{369}^4\ \Phi_{123}^4\ \Phi_{41}^4\ \Phi_3\ \Phi_1^2$
97760	1444	405	$\frac{1}{45}$	$\frac{44}{405}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^4\ \Phi_{27}^4\ \Phi_3\ \Phi_1^2$
97761	1444	1110	$\frac{9}{370}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1110}\ \Phi_{555}\ \Phi_{370}^2\ \Phi_{222}\ \Phi_{185}^2\ \Phi_{111}\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_3\ \Phi_1^2$
97762	1444	1200	$\frac{1}{40}$	$\frac{39}{400}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}^2\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}^2\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{48}\ \Phi_{25}^2\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
97763	1444	273	$\frac{1}{39}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{273}^6\ \Phi_{91}^6\ \Phi_{39}^2\ \Phi_{21}^4\ \Phi_{13}^2\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
97764	1444	396	$\frac{1}{36}$	$\frac{35}{396}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^4\ \Phi_{99}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_3\ \Phi_1^2$
97765	1444	372	$\frac{11}{372}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{372}^4\ \Phi_{186}^4\ \Phi_{124}^4\ \Phi_{93}^4\ \Phi_{62}^4\ \Phi_{31}^4\ \Phi_3\ \Phi_1^2$
97766	1444	390	$\frac{1}{30}$	$\frac{29}{390}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{65}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_3\ \Phi_1^2$
97767	1444	375	$\frac{14}{375}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{375}^4\ \Phi_{125}^4\ \Phi_{75}^4\ \Phi_{25}^4\ \Phi_3\ \Phi_1^2$
97768	1444	384	$\frac{1}{24}$	$\frac{23}{384}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{384}^4\ \Phi_{192}^4\ \Phi_{128}^4\ \Phi_{96}^4\ \Phi_{64}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{16}^4\ \Phi_3\ \Phi_1^2$
97769	1444	765	$\frac{2}{45}$	$\frac{43}{765}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^2\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_3\ \Phi_1^2$
97770	1444	378	$\frac{17}{378}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{126}^4\ \Phi_{63}^4\ \Phi_{54}^4\ \Phi_{42}^4\ \Phi_{27}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
97771	1444	60	$\frac{1}{20}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{60}^{18}\ \Phi_{30}^{18}\ \Phi_{20}^{36}\ \Phi_{15}^{18}\ \Phi_{12}^{18}\ \Phi_{10}^{36}\ \Phi_6^{18}\ \Phi_5^{36}\ \Phi_4^{36}\ \Phi_3^{19}\ \Phi_2^{36}\ \Phi_1^{38}$
97772	1444	351	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{351}^6\ \Phi_{39}^2\ \Phi_{27}^4\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
97773	1444	525	$\frac{1}{25}$	$\frac{2}{21}$	$\frac{6}{25}$	$\frac{1}{3}$	$\Phi_{525}^3\ \Phi_{175}^3\ \Phi_{105}^3\ \Phi_{35}^3\ \Phi_{25}^3\ \Phi_{21}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
97774	1444	585	$\frac{1}{39}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{585}^3\ \Phi_{195}^3\ \Phi_{65}^3\ \Phi_{45}^2\ \Phi_{39}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
97775	1444	312	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{312}^6\ \Phi_{156}^6\ \Phi_{104}^6\ \Phi_{52}^6\ \Phi_{39}^2\ \Phi_{24}^4\ \Phi_{13}^2\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
97776	1444	420	$\frac{1}{20}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^3\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
97777	1444	315	$\frac{1}{15}$	$\frac{2}{21}$	$\frac{7}{45}$	$\frac{1}{3}$	$\Phi_{315}^6\ \Phi_{105}^3\ \Phi_{63}^6\ \Phi_{45}^2\ \Phi_{35}^3\ \Phi_{21}^4\ \Phi_{15}\ \Phi_9^2\ \Phi_7^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
97778	1444	111	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{16}{111}$	$\frac{35}{111}$	$\Phi_{111}^{12}\ \Phi_{37}^{15}\ \Phi_3^{12}\ \Phi_1^{16}$
97779	1444	468	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{107}{468}$	$\frac{49}{156}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{117}^4\ \Phi_{52}^4\ \Phi_{36}^4\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}^3\ \Phi_9^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
97780	1444	1980	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{110}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}$
97781	1444	675	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{6}{25}$	$\frac{8}{27}$	$\Phi_{675}^3\ \Phi_{135}^3\ \Phi_{27}^4\ \Phi_{25}^3\ \Phi_5^3\ \Phi_1^4$
97782	1444	540	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{135}^3\ \Phi_{108}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
97783	1444	135	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{7}{45}$	$\frac{8}{27}$	$\Phi_{135}^{15}\ \Phi_{45}^2\ \Phi_{27}^{16}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
97784	1444	819	$\frac{1}{13}$	$\frac{97}{819}$	$\frac{12}{91}$	$\frac{79}{273}$	$\Phi_{819}^2\ \Phi_{273}\ \Phi_{117}^2\ \Phi_{91}^2\ \Phi_{63}^2\ \Phi_{39}\ \Phi_{21}\ \Phi_{13}\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
97785	1444	420	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}\ \Phi_{105}^4\ \Phi_{84}^5\ \Phi_{70}\ \Phi_{60}^5\ \Phi_{42}^5\ \Phi_{35}\ \Phi_{30}^5\ \Phi_{28}\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_{14}\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
97786	1444	390	$\frac{29}{390}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{10}{39}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{65}^4\ \Phi_{30}^4\ \Phi_{26}^4\ \Phi_{15}^4\ \Phi_{13}^3\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^4$
97787	1444	444	$\frac{1}{37}$	$\frac{83}{444}$	$\frac{9}{37}$	$\frac{28}{111}$	$\Phi_{444}^4\ \Phi_{222}^4\ \Phi_{148}^4\ \Phi_{74}^4\ \Phi_{37}^3\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
97788	1444	481	$\frac{9}{481}$	$\frac{118}{481}$	$\frac{120}{481}$	$\frac{121}{481}$	$\Phi_{481}^3\ \Phi_{37}^3\ \Phi_{13}^3\ \Phi_1^4$
97789	1444	600	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{6}{25}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{120}^3\ \Phi_{100}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{25}^3\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{12}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
97790	1444	468	$\frac{1}{13}$	$\frac{10}{117}$	$\frac{107}{468}$	$\frac{3}{13}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{36}^4\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}^3\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
97791	1444	120	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{120}^{15}\ \Phi_{60}^7\ \Phi_{40}^{15}\ \Phi_{30}^8\ \Phi_{24}^{16}\ \Phi_{20}^{11}\ \Phi_{15}^8\ \Phi_{12}^8\ \Phi_{10}^{12}\ \Phi_8^{16}\ \Phi_6^8\ \Phi_5^{11}\ \Phi_4^{12}\ \Phi_3^8\ \Phi_2^{12}\ \Phi_1^{12}$
97792	1444	360	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^3\ \Phi_{72}^6\ \Phi_{60}^3\ \Phi_{45}^2\ \Phi_{40}^3\ \Phi_{36}^6\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
97793	1444	455	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{79}{455}$	$\frac{94}{455}$	$\Phi_{455}^3\ \Phi_{91}^4\ \Phi_{65}^3\ \Phi_{35}^3\ \Phi_{13}^3\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
97794	1445	576	$\frac{1}{288}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{287}{576}$	$\Phi_{576}^5\ \Phi_{192}^5\ \Phi_{64}^5\ \Phi_8\ \Phi_1$
97795	1445	672	$\frac{1}{84}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{83}{168}$	$\Phi_{672}^4\ \Phi_{224}^4\ \Phi_{168}\ \Phi_{96}^4\ \Phi_{56}\ \Phi_{32}^5\ \Phi_{24}\ \Phi_8\ \Phi_1$
97796	1445	168	$\frac{1}{84}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{83}{168}$	$\Phi_{168}^9\ \Phi_{84}^8\ \Phi_{56}^9\ \Phi_{42}^8\ \Phi_{28}^8\ \Phi_{24}^{10}\ \Phi_{21}^8\ \Phi_{14}^8\ \Phi_{12}^9\ \Phi_8^9\ \Phi_7^8\ \Phi_6^9\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
97797	1445	840	$\frac{1}{84}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{83}{168}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{168}\ \Phi_{120}^4\ \Phi_{56}\ \Phi_{40}^4\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
97798	1445	2736	$\frac{1}{76}$	$\frac{77}{1368}$	$\frac{1291}{2736}$	$\frac{75}{152}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{152}\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
97799	1445	1824	$\frac{1}{76}$	$\frac{77}{456}$	$\frac{379}{1824}$	$\frac{75}{152}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
97800	1445	570	$\frac{4}{285}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{281}{570}$	$\Phi_{570}^2\ \Phi_{285}^3\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}^3\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{30}^3\ \Phi_{19}^3\ \Phi_{15}^4\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
97801	1445	348	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{59}{348}$	$\frac{57}{116}$	$\Phi_{348}^3\ \Phi_{174}^5\ \Phi_{116}^4\ \Phi_{87}^5\ \Phi_{58}^5\ \Phi_{29}^5\ \Phi_{12}^3\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
97802	1445	1680	$\frac{9}{280}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{271}{560}$	$\Phi_{1680}^2\ \Phi_{560}\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{112}\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
97803	1445	19	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{2}{19}$	$\frac{9}{19}$	$\Phi_{19}^{76}\ \Phi_1^{77}$
97804	1445	2736	$\frac{1}{38}$	$\frac{77}{1368}$	$\frac{37}{114}$	$\frac{1291}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{144}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}\ \Phi_{16}\ \Phi_6\ \Phi_3\ \Phi_1$
97805	1445	2784	$\frac{2}{87}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{87}\ \Phi_{32}\ \Phi_{29}\ \Phi_1$
97806	1445	2016	$\frac{1}{42}$	$\frac{1}{16}$	$\frac{41}{126}$	$\frac{15}{32}$	$\Phi_{2016}^2\ \Phi_{288}^2\ \Phi_{126}\ \Phi_{63}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
97807	1445	352	$\frac{3}{88}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{352}^8\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}^5\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
97808	1445	224	$\frac{1}{28}$	$\frac{1}{16}$	$\frac{27}{112}$	$\frac{15}{32}$	$\Phi_{224}^{12}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}^{13}\ \Phi_{16}\ \Phi_8\ \Phi_1$
97809	1445	672	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{4}{21}$	$\frac{15}{32}$	$\Phi_{672}^4\ \Phi_{224}^4\ \Phi_{96}^4\ \Phi_{32}^5\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3^4\ \Phi_1^5$
97810	1445	288	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{288}^{10}\ \Phi_{96}^8\ \Phi_{32}^9\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
97811	1445	2912	$\frac{1}{16}$	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{91}\ \Phi_{32}\ \Phi_{13}\ \Phi_1$
97812	1445	1568	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{15}{32}$	$\Phi_{1568}^2\ \Phi_{98}\ \Phi_{49}\ \Phi_{32}\ \Phi_1$
97813	1445	96	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{15}{32}$	$\Phi_{96}^{13}\ \Phi_{48}^{17}\ \Phi_{32}^{14}\ \Phi_{24}^{17}\ \Phi_{16}^{17}\ \Phi_{12}^{16}\ \Phi_8^{17}\ \Phi_6^{16}\ \Phi_4^{16}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
97814	1445	1976	$\frac{1}{38}$	$\frac{37}{494}$	$\frac{531}{1976}$	$\frac{457}{988}$	$\Phi_{1976}\ \Phi_{494}\ \Phi_{247}\ \Phi_{152}\ \Phi_{104}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
97815	1445	1672	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{227}{1672}$	$\frac{191}{418}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{209}\ \Phi_{152}\ \Phi_{88}\ \Phi_{76}\ \Phi_{44}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
97816	1445	532	$\frac{1}{19}$	$\frac{23}{266}$	$\frac{18}{133}$	$\frac{243}{532}$	$\Phi_{532}^{5}\ \Phi_{133}\ \Phi_{76}^{5}\ \Phi_{28}^{5}\ \Phi_{7}\ \Phi_{4}^{5}\ \Phi_{1}$
97817	1445	300	$\frac{11}{300}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{300}^{5}\ \Phi_{150}^{5}\ \Phi_{100}^{5}\ \Phi_{75}^{5}\ \Phi_{60}^{3}\ \Phi_{50}^{5}\ \Phi_{30}^{5}\ \Phi_{25}^{5}\ \Phi_{20}^{4}\ \Phi_{15}^{5}\ \Phi_{12}^{3}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
97818	1445	522	$\frac{1}{29}$	$\frac{28}{261}$	$\frac{1}{6}$	$\frac{233}{522}$	$\Phi_{522}^{2}\ \Phi_{261}^{3}\ \Phi_{174}^{3}\ \Phi_{87}^{4}\ \Phi_{58}^{3}\ \Phi_{29}^{3}\ \Phi_{18}^{2}\ \Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
97819	1445	152	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{9}{76}$	$\frac{67}{152}$	$\Phi_{152}^{17}\ \Phi_{19}^{8}\ \Phi_{8}^{17}\ \Phi_{1}^{9}$
97820	1445	1290	$\frac{1}{86}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{430}\ \Phi_{258}^{2}\ \Phi_{215}\ \Phi_{129}^{2}\ \Phi_{86}\ \Phi_{43}\ \Phi_{15}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
97821	1445	1596	$\frac{1}{19}$	$\frac{151}{1596}$	$\frac{18}{133}$	$\frac{115}{266}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{228}\ \Phi_{133}\ \Phi_{114}\ \Phi_{84}\ \Phi_{76}\ \Phi_{57}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
97822	1445	2508	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{191}{1254}$	$\frac{1063}{2508}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{228}\ \Phi_{209}\ \Phi_{132}\ \Phi_{76}\ \Phi_{44}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
97823	1445	1032	$\frac{1}{86}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1032}^{2}\ \Phi_{344}^{2}\ \Phi_{258}^{2}\ \Phi_{129}^{2}\ \Phi_{86}\ \Phi_{43}\ \Phi_{24}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
97824	1445	2432	$\frac{1}{76}$	$\frac{229}{1216}$	$\frac{75}{304}$	$\frac{987}{2432}$	$\Phi_{2432}\ \Phi_{304}\ \Phi_{152}\ \Phi_{128}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
97825	1445	1392	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{57}{232}$	$\frac{175}{464}$	$\Phi_{1392}^{2}\ \Phi_{464}\ \Phi_{174}^{2}\ \Phi_{87}^{2}\ \Phi_{58}\ \Phi_{48}^{2}\ \Phi_{29}\ \Phi_{16}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
97826	1445	1824	$\frac{1}{76}$	$\frac{379}{1824}$	$\frac{75}{304}$	$\frac{229}{608}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{96}\ \Phi_{57}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
97827	1445	2328	$\frac{2}{291}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2328}\ \Phi_{776}\ \Phi_{291}\ \Phi_{97}\ \Phi_{8}\ \Phi_{1}$
97828	1445	432	$\frac{1}{144}$	$\frac{1}{4}$	$\frac{143}{432}$	$\frac{3}{8}$	$\Phi_{432}^{5}\ \Phi_{216}^{5}\ \Phi_{108}^{5}\ \Phi_{54}^{5}\ \Phi_{27}^{5}\ \Phi_{8}\ \Phi_{1}$
97829	1445	1456	$\frac{11}{1456}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{208}\ \Phi_{182}\ \Phi_{112}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}\ \Phi_{13}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
97830	1445	584	$\frac{3}{292}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{584}^{4}\ \Phi_{292}\ \Phi_{146}\ \Phi_{73}\ \Phi_{8}\ \Phi_{1}$
97831	1445	384	$\frac{1}{96}$	$\frac{95}{384}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{384}^{5}\ \Phi_{192}^{5}\ \Phi_{128}^{5}\ \Phi_{64}^{5}\ \Phi_{8}\ \Phi_{1}$
97832	1445	1464	$\frac{19}{1464}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1464}\ \Phi_{732}\ \Phi_{488}\ \Phi_{366}\ \Phi_{244}\ \Phi_{183}\ \Phi_{122}\ \Phi_{61}\ \Phi_{8}\ \Phi_{1}$
97833	1445	360	$\frac{1}{72}$	$\frac{71}{360}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}^{5}\ \Phi_{90}^{5}\ \Phi_{60}^{5}\ \Phi_{45}^{5}\ \Phi_{40}^{5}\ \Phi_{30}^{5}\ \Phi_{20}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{8}\ \Phi_{5}^{5}\ \Phi_{1}$
97834	1445	1176	$\frac{5}{294}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1176}^{2}\ \Phi_{392}^{2}\ \Phi_{294}\ \Phi_{168}^{2}\ \Phi_{147}\ \Phi_{98}\ \Phi_{56}^{2}\ \Phi_{49}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
97835	1445	1728	$\frac{5}{288}$	$\frac{283}{1728}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{64}\ \Phi_{54}\ \Phi_{27}\ \Phi_{8}\ \Phi_{1}$
97836	1445	1472	$\frac{27}{1472}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{64}\ \Phi_{46}\ \Phi_{23}\ \Phi_{8}\ \Phi_{1}$
97837	1445	336	$\frac{1}{48}$	$\frac{47}{336}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{336}^{5}\ \Phi_{168}^{5}\ \Phi_{112}^{5}\ \Phi_{84}^{5}\ \Phi_{56}^{5}\ \Phi_{42}^{5}\ \Phi_{28}^{5}\ \Phi_{21}^{5}\ \Phi_{14}^{5}\ \Phi_{8}\ \Phi_{7}^{5}\ \Phi_{1}$
97838	1445	296	$\frac{7}{296}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{296}^{5}\ \Phi_{148}^{5}\ \Phi_{74}^{5}\ \Phi_{37}^{5}\ \Phi_{8}\ \Phi_{1}$
97839	1445	2376	$\frac{8}{297}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{297}\ \Phi_{264}\ \Phi_{216}\ \Phi_{99}\ \Phi_{88}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
97840	1445	648	$\frac{1}{36}$	$\frac{35}{324}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{648}^{4}\ \Phi_{324}\ \Phi_{216}^{4}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{8}\ \Phi_{1}$
97841	1445	1488	$\frac{43}{1488}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}\ \Phi_{372}\ \Phi_{248}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{8}\ \Phi_{1}$
97842	1445	320	$\frac{1}{32}$	$\frac{31}{320}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{320}^{5}\ \Phi_{160}^{5}\ \Phi_{80}^{5}\ \Phi_{64}^{5}\ \Phi_{40}^{5}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{8}\ \Phi_{5}^{5}\ \Phi_{1}$
97843	1445	1584	$\frac{5}{144}$	$\frac{139}{1584}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
97844	1445	600	$\frac{11}{300}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{600}^{4}\ \Phi_{300}\ \Phi_{200}^{4}\ \Phi_{150}\ \Phi_{120}^{4}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}^{4}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
97845	1445	312	$\frac{1}{24}$	$\frac{23}{312}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^{5}\ \Phi_{156}^{5}\ \Phi_{104}^{5}\ \Phi_{78}^{5}\ \Phi_{52}^{5}\ \Phi_{39}^{5}\ \Phi_{26}^{5}\ \Phi_{13}^{5}\ \Phi_{8}\ \Phi_{1}$
97846	1445	1512	$\frac{67}{1512}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
97847	1445	304	$\frac{15}{304}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{304}^{5}\ \Phi_{152}^{5}\ \Phi_{76}^{5}\ \Phi_{38}^{5}\ \Phi_{19}^{5}\ \Phi_{8}\ \Phi_{1}$
97848	1445	1536	$\frac{5}{96}$	$\frac{91}{1536}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
97849	1445	72	$\frac{1}{18}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^{32}\ \Phi_{24}^{32}\ \Phi_{18}^{16}\ \Phi_{9}^{16}\ \Phi_{8}^{33}\ \Phi_{6}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
97850	1445	456	$\frac{1}{76}$	$\frac{15}{76}$	$\frac{61}{228}$	$\frac{167}{456}$	$\Phi_{456}^{5}\ \Phi_{152}^{5}\ \Phi_{76}^{4}\ \Phi_{38}^{4}\ \Phi_{24}^{5}\ \Phi_{19}^{4}\ \Phi_{8}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
97851	1445	1596	$\frac{1}{38}$	$\frac{151}{1596}$	$\frac{37}{114}$	$\frac{77}{228}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{133}\ \Phi_{114}\ \Phi_{84}\ \Phi_{57}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
97852	1445	696	$\frac{2}{87}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{696}^{2}\ \Phi_{348}^{2}\ \Phi_{232}^{2}\ \Phi_{174}^{2}\ \Phi_{116}^{2}\ \Phi_{87}^{3}\ \Phi_{58}^{2}\ \Phi_{29}^{3}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
97853	1445	1740	$\frac{2}{87}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{290}\ \Phi_{145}\ \Phi_{87}\ \Phi_{29}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
97854	1445	504	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{41}{126}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{126}^{5}\ \Phi_{72}^{4}\ \Phi_{63}^{5}\ \Phi_{36}^{4}\ \Phi_{24}\ \Phi_{18}^{5}\ \Phi_{12}\ \Phi_{9}^{5}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
97855	1445	1260	$\frac{1}{42}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{41}{126}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{180}^{2}\ \Phi_{126}\ \Phi_{90}^{2}\ \Phi_{63}\ \Phi_{45}^{2}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
97856	1445	2052	$\frac{1}{38}$	$\frac{77}{684}$	$\frac{607}{2052}$	$\frac{37}{114}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{513}\ \Phi_{114}\ \Phi_{108}\ \Phi_{57}\ \Phi_{54}\ \Phi_{27}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
97857	1445	342	$\frac{1}{38}$	$\frac{53}{342}$	$\frac{77}{342}$	$\frac{37}{114}$	$\Phi_{342}^{4}\ \Phi_{171}^{4}\ \Phi_{114}^{5}\ \Phi_{57}^{5}\ \Phi_{38}^{4}\ \Phi_{19}^{4}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
97858	1445	1824	$\frac{1}{38}$	$\frac{77}{456}$	$\frac{379}{1824}$	$\frac{37}{114}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{304}\ \Phi_{114}\ \Phi_{96}\ \Phi_{57}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
97859	1445	348	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{59}{348}$	$\frac{28}{87}$	$\Phi_{348}^{5}\ \Phi_{174}^{3}\ \Phi_{116}^{5}\ \Phi_{87}^{4}\ \Phi_{58}^{3}\ \Phi_{29}^{3}\ \Phi_{12}^{5}\ \Phi_{6}^{2}\ \Phi_{4}^{5}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
97860	1445	420	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{131}{420}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{4}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{70}^{4}\ \Phi_{60}^{3}\ \Phi_{42}^{3}\ \Phi_{35}^{4}\ \Phi_{30}^{5}\ \Phi_{28}^{4}\ \Phi_{21}^{3}\ \Phi_{20}^{4}\ \Phi_{15}^{5}\ \Phi_{14}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{5}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
97861	1445	1881	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{436}{1881}$	$\frac{191}{627}$	$\Phi_{1881}\ \Phi_{209}\ \Phi_{171}\ \Phi_{99}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
97862	1445	264	$\frac{3}{88}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{264}^{8}\ \Phi_{132}^{8}\ \Phi_{88}\ \Phi_{66}^{8}\ \Phi_{44}\ \Phi_{33}^{8}\ \Phi_{24}^{5}\ \Phi_{22}\ \Phi_{12}^{5}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}$
97863	1445	336	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{27}{112}$	$\frac{7}{24}$	$\Phi_{336}^{8}\ \Phi_{168}^{4}\ \Phi_{112}\ \Phi_{84}^{4}\ \Phi_{56}\ \Phi_{48}^{8}\ \Phi_{42}^{4}\ \Phi_{24}^{5}\ \Phi_{21}^{4}\ \Phi_{16}\ \Phi_{12}^{5}\ \Phi_{8}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}$
97864	1445	168	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{4}{21}$	$\frac{7}{24}$	$\Phi_{168}^{8}\ \Phi_{84}^{8}\ \Phi_{56}^{8}\ \Phi_{42}^{8}\ \Phi_{28}^{8}\ \Phi_{24}^{9}\ \Phi_{21}^{12}\ \Phi_{14}^{8}\ \Phi_{12}^{9}\ \Phi_{8}^{8}\ \Phi_{7}^{12}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{3}^{13}\ \Phi_{2}^{8}\ \Phi_{1}^{13}$
97865	1445	72	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{72}^{20}\ \Phi_{36}^{20}\ \Phi_{24}^{17}\ \Phi_{18}^{25}\ \Phi_{12}^{17}\ \Phi_{9}^{25}\ \Phi_{8}^{16}\ \Phi_{6}^{21}\ \Phi_{4}^{16}\ \Phi_{3}^{21}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
97866	1445	2184	$\frac{6}{91}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{156}\ \Phi_{91}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
97867	1445	1176	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{98}$	$\frac{7}{24}$	$\Phi_{1176}^{2}\ \Phi_{588}^{2}\ \Phi_{294}^{2}\ \Phi_{147}^{2}\ \Phi_{98}\ \Phi_{49}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
97868	1445	96	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{96}^{17}\ \Phi_{48}^{17}\ \Phi_{32}^{17}\ \Phi_{24}^{10}\ \Phi_{16}^{17}\ \Phi_{12}^{9}\ \Phi_{8}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
97869	1445	399	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{23}{133}$	$\frac{110}{399}$	$\Phi_{399}^{5}\ \Phi_{133}\ \Phi_{57}^{5}\ \Phi_{21}^{5}\ \Phi_{7}\ \Phi_{3}^{5}\ \Phi_{1}$
97870	1445	300	$\frac{11}{300}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{300}^{5}\ \Phi_{150}^{5}\ \Phi_{100}^{5}\ \Phi_{75}^{5}\ \Phi_{60}^{5}\ \Phi_{50}^{5}\ \Phi_{30}^{3}\ \Phi_{25}^{5}\ \Phi_{20}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{5}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
97871	1445	114	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{9}{38}$	$\frac{29}{114}$	$\Phi_{114}^{17}\ \Phi_{57}^{17}\ \Phi_{19}^{8}\ \Phi_{6}^{17}\ \Phi_{3}^{17}\ \Phi_{1}^{9}$
97872	1445	440	$\frac{3}{88}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{440}^{4}\ \Phi_{220}^{4}\ \Phi_{110}^{4}\ \Phi_{88}\ \Phi_{55}^{4}\ \Phi_{44}\ \Phi_{40}^{4}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
97873	1445	560	$\frac{1}{28}$	$\frac{3}{20}$	$\frac{27}{112}$	$\frac{1}{4}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{112}\ \Phi_{80}^{4}\ \Phi_{56}\ \Phi_{40}^{4}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
97874	1445	420	$\frac{1}{21}$	$\frac{3}{20}$	$\frac{4}{21}$	$\frac{1}{4}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{4}\ \Phi_{70}^{4}\ \Phi_{60}^{4}\ \Phi_{35}^{4}\ \Phi_{30}^{4}\ \Phi_{21}^{4}\ \Phi_{20}^{5}\ \Phi_{15}^{4}\ \Phi_{10}^{5}\ \Phi_{7}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
97875	1445	180	$\frac{1}{18}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^{8}\ \Phi_{45}^{10}\ \Phi_{30}^{8}\ \Phi_{20}^{9}\ \Phi_{18}^{5}\ \Phi_{15}^{8}\ \Phi_{10}^{9}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{9}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
97876	1445	1820	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{260}\ \Phi_{130}\ \Phi_{91}\ \Phi_{65}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
97877	1445	980	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{980}^{2}\ \Phi_{490}^{2}\ \Phi_{245}^{2}\ \Phi_{98}\ \Phi_{49}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
97878	1445	480	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{4}\ \Phi_{120}^{4}\ \Phi_{96}\ \Phi_{80}^{4}\ \Phi_{48}\ \Phi_{40}^{4}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
97879	1445	1140	$\frac{4}{95}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{91}{380}$	$\Phi_{1140}^{2}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}^{2}\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}^{2}\ \Phi_{57}\ \Phi_{30}^{2}\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
97880	1445	960	$\frac{31}{320}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{40}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}\ \Phi_{96}^2\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
97881	1445	345	$\frac{4}{69}$	$\frac{56}{345}$	$\frac{13}{69}$	$\frac{1}{5}$	$\Phi_{345}^4\ \Phi_{115}^4\ \Phi_{69}^5\ \Phi_{23}^5\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^5\ \Phi_1^5$
97882	1445	1050	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{6}$	$\frac{61}{350}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}\ \Phi_{175}\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{50}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
97883	1446	1156	$\frac{1}{289}$	$\frac{145}{578}$	$\frac{433}{1156}$	$\frac{144}{289}$	$\Phi_{1156}^2\ \Phi_{289}\ \Phi_{68}^2\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
97884	1446	480	$\frac{1}{240}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{239}{480}$	$\Phi_{480}^6\ \Phi_{160}^6\ \Phi_{96}^6\ \Phi_{32}^6\ \Phi_5\ \Phi_1^2$
97885	1446	480	$\frac{1}{240}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{239}{480}$	$\Phi_{480}^6\ \Phi_{160}^6\ \Phi_{96}^6\ \Phi_{32}^6\ \Phi_{12}\ \Phi_6$
97886	1446	644	$\frac{1}{161}$	$\frac{1}{4}$	$\frac{81}{322}$	$\frac{80}{161}$	$\Phi_{644}^3\ \Phi_{322}\ \Phi_{161}^2\ \Phi_{92}^3\ \Phi_{46}\ \Phi_{28}^3\ \Phi_{23}^2\ \Phi_{14}\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
97887	1446	1360	$\frac{1}{85}$	$\frac{43}{680}$	$\frac{637}{1360}$	$\frac{42}{85}$	$\Phi_{1360}^2\ \Phi_{272}^2\ \Phi_{85}\ \Phi_{80}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
97888	1446	340	$\frac{1}{85}$	$\frac{43}{340}$	$\frac{99}{340}$	$\frac{42}{85}$	$\Phi_{340}^4\ \Phi_{170}^4\ \Phi_{85}^5\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{20}^4\ \Phi_{17}^5\ \Phi_{10}^4\ \Phi_5^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
97889	1446	850	$\frac{1}{85}$	$\frac{127}{850}$	$\frac{43}{170}$	$\frac{42}{85}$	$\Phi_{850}^2\ \Phi_{425}^2\ \Phi_{85}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{17}\ \Phi_5\ \Phi_1^2$
97890	1446	476	$\frac{3}{238}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{235}{476}$	$\Phi_{476}^6\ \Phi_{68}^6\ \Phi_{28}^6\ \Phi_{17}\ \Phi_4^6\ \Phi_1^2$
97891	1446	476	$\frac{3}{238}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{235}{476}$	$\Phi_{476}^6\ \Phi_{68}^6\ \Phi_{28}^6\ \Phi_{17}\ \Phi_4^6\ \Phi_1^2$
97892	1446	476	$\frac{3}{238}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{235}{476}$	$\Phi_{476}^2\ \Phi_{238}^4\ \Phi_{119}^4\ \Phi_{68}^2\ \Phi_{34}^4\ \Phi_{28}^3\ \Phi_{17}^4\ \Phi_{14}^5\ \Phi_7^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
97893	1446	290	$\frac{2}{145}$	$\frac{49}{290}$	$\frac{1}{5}$	$\frac{143}{290}$	$\Phi_{290}^4\ \Phi_{145}^6\ \Phi_{58}^4\ \Phi_{29}^6\ \Phi_{10}^4\ \Phi_5^5\ \Phi_2^4\ \Phi_1^6$
97894	1446	276	$\frac{1}{69}$	$\frac{35}{276}$	$\frac{1}{4}$	$\frac{34}{69}$	$\Phi_{276}^5\ \Phi_{138}^5\ \Phi_{92}^5\ \Phi_{69}^6\ \Phi_{46}^5\ \Phi_{23}^6\ \Phi_{12}^5\ \Phi_6^5\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
97895	1446	475	$\frac{7}{475}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{234}{475}$	$\Phi_{475}^3\ \Phi_{95}^3\ \Phi_{25}^4\ \Phi_{19}^3\ \Phi_5^3\ \Phi_1^4$
97896	1446	289	$\frac{5}{289}$	$\frac{48}{289}$	$\frac{49}{289}$	$\frac{142}{289}$	$\Phi_{289}^5\ \Phi_{17}^5\ \Phi_1^6$
97897	1446	1400	$\frac{23}{700}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{677}{1400}$	$\Phi_{1400}^2\ \Phi_{280}^2\ \Phi_{200}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
97898	1446	924	$\frac{10}{231}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{221}{462}$	$\Phi_{924}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{132}^2\ \Phi_{84}^3\ \Phi_{77}^2\ \Phi_{44}^2\ \Phi_{42}\ \Phi_{33}^2\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_7^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
97899	1446	462	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{221}{462}$	$\Phi_{462}^6\ \Phi_{154}^6\ \Phi_{77}\ \Phi_{66}^6\ \Phi_{42}^6\ \Phi_{22}^6\ \Phi_{14}^6\ \Phi_6^6\ \Phi_2^6$
97900	1446	1012	$\frac{1}{23}$	$\frac{12}{253}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{1012}^2\ \Phi_{506}^2\ \Phi_{92}\ \Phi_{46}\ \Phi_{44}^2\ \Phi_{22}^2$
97901	1446	1848	$\frac{1}{22}$	$\frac{23}{264}$	$\frac{1}{7}$	$\frac{21}{44}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{84}\ \Phi_{77}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
97902	1446	252	$\frac{11}{252}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^5\ \Phi_{63}^6\ \Phi_{42}^5\ \Phi_{36}^6\ \Phi_{28}^5\ \Phi_{21}^6\ \Phi_{18}^6\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_9^6\ \Phi_7^6\ \Phi_6^5\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
97903	1446	460	$\frac{1}{23}$	$\frac{11}{230}$	$\frac{1}{4}$	$\frac{219}{460}$	$\Phi_{460}^2\ \Phi_{230}^4\ \Phi_{115}^4\ \Phi_{92}^3\ \Phi_{46}^5\ \Phi_{23}^4\ \Phi_{20}^2\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
97904	1446	357	$\frac{3}{119}$	$\frac{1}{17}$	$\frac{116}{357}$	$\frac{8}{17}$	$\Phi_{357}^6\ \Phi_{51}^6\ \Phi_{21}^6\ \Phi_{17}\ \Phi_3^6\ \Phi_1^2$
97905	1446	748	$\frac{25}{748}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{748}^2\ \Phi_{374}^2\ \Phi_{187}^2\ \Phi_{68}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{17}\ \Phi_{11}^2\ \Phi_4^2\ \Phi_1^2$
97906	1446	952	$\frac{9}{238}$	$\frac{1}{17}$	$\frac{229}{952}$	$\frac{8}{17}$	$\Phi_{952}^2\ \Phi_{476}^2\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
97907	1446	255	$\frac{14}{255}$	$\frac{1}{17}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{255}^6\ \Phi_{85}^6\ \Phi_{51}^6\ \Phi_{17}\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^6\ \Phi_1^2$
97908	1446	833	$\frac{1}{17}$	$\frac{9}{119}$	$\frac{110}{833}$	$\frac{8}{17}$	$\Phi_{833}^2\ \Phi_{49}^2\ \Phi_{17}\ \Phi_1^2$
97909	1446	272	$\frac{1}{17}$	$\frac{3}{34}$	$\frac{31}{272}$	$\frac{8}{17}$	$\Phi_{272}^6\ \Phi_{136}^6\ \Phi_{68}^6\ \Phi_{17}\ \Phi_{16}^6\ \Phi_8^6\ \Phi_4^6\ \Phi_1^2$
97910	1446	250	$\frac{9}{250}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{250}^6\ \Phi_{125}^6\ \Phi_{50}^4\ \Phi_{25}^6\ \Phi_{10}^4\ \Phi_5^5\ \Phi_2^4\ \Phi_1^6$
97911	1446	3080	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{1}{7}$	$\frac{199}{440}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{280}\ \Phi_{154}\ \Phi_{77}\ \Phi_{56}\ \Phi_{14}$
97912	1446	435	$\frac{4}{145}$	$\frac{47}{435}$	$\frac{1}{5}$	$\frac{194}{435}$	$\Phi_{435}^3\ \Phi_{145}^4\ \Phi_{87}^3\ \Phi_{29}^4\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
97913	1446	425	$\frac{1}{85}$	$\frac{57}{425}$	$\frac{28}{85}$	$\frac{184}{425}$	$\Phi_{425}^3\ \Phi_{85}^5\ \Phi_{25}^3\ \Phi_{17}^5\ \Phi_5^5\ \Phi_1^6$
97914	1446	980	$\frac{4}{245}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{196}^2\ \Phi_{140}^2\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}^2$
97915	1446	828	$\frac{1}{69}$	$\frac{34}{207}$	$\frac{1}{4}$	$\frac{173}{414}$	$\Phi_{828}^2\ \Phi_{276}^3\ \Phi_{207}^2\ \Phi_{138}\ \Phi_{92}^3\ \Phi_{69}^2\ \Phi_{46}\ \Phi_{36}^2\ \Phi_{23}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
97916	1446	340	$\frac{1}{85}$	$\frac{14}{85}$	$\frac{99}{340}$	$\frac{71}{170}$	$\Phi_{340}^6\ \Phi_{85}^5\ \Phi_{68}^6\ \Phi_{20}^6\ \Phi_{17}^5\ \Phi_5^5\ \Phi_4^6\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
97917	1446	1215	$\frac{2}{243}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}^2\ \Phi_{135}\ \Phi_{81}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
97918	1446	360	$\frac{1}{120}$	$\frac{1}{5}$	$\frac{119}{360}$	$\frac{2}{5}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{90}^6\ \Phi_{72}^6\ \Phi_{45}^6\ \Phi_{36}^6\ \Phi_{18}^6\ \Phi_9^6\ \Phi_5\ \Phi_1^2$
97919	1446	730	$\frac{7}{730}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{730}^2\ \Phi_{365}^2\ \Phi_{146}^2\ \Phi_{73}^2\ \Phi_5\ \Phi_1^2$
97920	1446	1220	$\frac{3}{244}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1220}\ \Phi_{610}\ \Phi_{305}\ \Phi_{244}^2\ \Phi_{122}^2\ \Phi_{61}^2\ \Phi_5\ \Phi_1^2$
97921	1446	320	$\frac{1}{80}$	$\frac{1}{5}$	$\frac{79}{320}$	$\frac{2}{5}$	$\Phi_{320}^6\ \Phi_{160}^6\ \Phi_{64}^6\ \Phi_{32}^6\ \Phi_5\ \Phi_1^2$
97922	1446	245	$\frac{4}{245}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{245}^6\ \Phi_{49}^6\ \Phi_{35}^6\ \Phi_7^6\ \Phi_5\ \Phi_1^2$
97923	1446	300	$\frac{1}{60}$	$\frac{59}{300}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^6\ \Phi_{75}^6\ \Phi_{50}^6\ \Phi_{25}^6\ \Phi_5\ \Phi_1^2$
97924	1446	1230	$\frac{5}{246}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{410}\ \Phi_{246}^2\ \Phi_{205}\ \Phi_{123}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_5\ \Phi_1^2$
97925	1446	1440	$\frac{1}{48}$	$\frac{47}{288}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}^2\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{90}\ \Phi_{72}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
97926	1446	740	$\frac{17}{740}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{740}^2\ \Phi_{370}^2\ \Phi_{185}^2\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_5\ \Phi_1^2$
97927	1446	280	$\frac{1}{40}$	$\frac{39}{280}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{56}^6\ \Phi_{35}^6\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_7^6\ \Phi_5\ \Phi_1^2$
97928	1446	1240	$\frac{7}{248}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{248}^2\ \Phi_{155}\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_5\ \Phi_1^2$
97929	1446	270	$\frac{1}{30}$	$\frac{29}{270}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{270}^6\ \Phi_{135}^6\ \Phi_{90}^6\ \Phi_{54}^6\ \Phi_{45}^6\ \Phi_{27}^6\ \Phi_{18}^6\ \Phi_9^6\ \Phi_5\ \Phi_1^2$
97930	1446	250	$\frac{9}{250}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{250}^6\ \Phi_{125}^6\ \Phi_{50}^6\ \Phi_{25}^6\ \Phi_5\ \Phi_1^2$
97931	1446	800	$\frac{3}{80}$	$\frac{77}{800}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{800}^2\ \Phi_{400}^2\ \Phi_{200}^2\ \Phi_{160}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{32}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
97932	1446	1320	$\frac{1}{24}$	$\frac{23}{264}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}^2\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{110}\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
97933	1446	1260	$\frac{11}{252}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
97934	1446	760	$\frac{37}{760}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{760}^2\ \Phi_{380}^2\ \Phi_{190}^2\ \Phi_{152}^2\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_5\ \Phi_1^2$
97935	1446	260	$\frac{1}{20}$	$\frac{19}{260}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{260}^6\ \Phi_{130}^6\ \Phi_{65}^6\ \Phi_{52}^6\ \Phi_{26}^6\ \Phi_{13}^6\ \Phi_5\ \Phi_1^2$
97936	1446	255	$\frac{14}{255}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{255}^6\ \Phi_{85}^6\ \Phi_{51}^6\ \Phi_{17}^6\ \Phi_5\ \Phi_1^2$
97937	1446	1280	$\frac{15}{256}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}^2\ \Phi_{160}\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_5\ \Phi_1^2$
97938	1446	1160	$\frac{2}{145}$	$\frac{1}{5}$	$\frac{143}{580}$	$\frac{437}{1160}$	$\Phi_{1160}^2\ \Phi_{232}^2\ \Phi_{145}^2\ \Phi_{40}^2\ \Phi_{29}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
97939	1446	2184	$\frac{5}{728}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{168}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
97940	1446	255	$\frac{4}{85}$	$\frac{14}{255}$	$\frac{27}{85}$	$\frac{29}{85}$	$\Phi_{255}^6\ \Phi_{85}^5\ \Phi_{51}^6\ \Phi_{17}^5\ \Phi_{15}^6\ \Phi_5^5\ \Phi_3^6\ \Phi_1^6$
97941	1446	1086	$\frac{1}{181}$	$\frac{60}{181}$	$\frac{1}{3}$	$\frac{121}{362}$	$\Phi_{1086}^3\ \Phi_{543}\ \Phi_6^3$
97942	1446	972	$\frac{2}{243}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
97943	1446	360	$\frac{1}{120}$	$\frac{1}{4}$	$\frac{119}{360}$	$\frac{1}{3}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{90}^6\ \Phi_{72}^6\ \Phi_{45}^6\ \Phi_{36}^6\ \Phi_{18}^6\ \Phi_{12}\ \Phi_9^6\ \Phi_6$
97944	1446	732	$\frac{3}{244}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{732}^3\ \Phi_{366}^3\ \Phi_{183}^3\ \Phi_{12}\ \Phi_6$
97945	1446	960	$\frac{1}{80}$	$\frac{79}{320}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{960}^3\ \Phi_{480}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{12}\ \Phi_6$
97946	1446	2940	$\frac{4}{245}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{588}\ \Phi_{420}\ \Phi_{294}\ \Phi_{210}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}\ \Phi_6$
97947	1446	300	$\frac{1}{60}$	$\frac{59}{300}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^6\ \Phi_{75}^6\ \Phi_{50}^6\ \Phi_{25}^6\ \Phi_{12}\ \Phi_6$
97948	1446	2208	$\frac{13}{736}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}\ \Phi_{69}\ \Phi_{12}\ \Phi_6$
97949	1446	492	$\frac{5}{246}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{492}^4\ \Phi_{246}^2\ \Phi_{164}^4\ \Phi_{123}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{12}\ \Phi_6$
97950	1446	288	$\frac{1}{48}$	$\frac{47}{288}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{288}^6\ \Phi_{144}^6\ \Phi_{96}^6\ \Phi_{72}^6\ \Phi_{36}^6\ \Phi_{32}^6\ \Phi_{18}^6\ \Phi_{12}\ \Phi_9^6\ \Phi_6$
97951	1446	2220	$\frac{17}{740}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{555}\ \Phi_{444}\ \Phi_{222}\ \Phi_{111}\ \Phi_{12}\ \Phi_6$
97952	1446	840	$\frac{1}{40}$	$\frac{39}{280}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{168}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{12}\ \Phi_6$
97953	1446	1980	$\frac{13}{495}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{132}\ \Phi_{110}\ \Phi_{90}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
97954	1446	744	$\frac{7}{248}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{744}^3\ \Phi_{372}^3\ \Phi_{186}^3\ \Phi_{93}^3\ \Phi_{12}\ \Phi_6$
97955	1446	540	$\frac{1}{30}$	$\frac{29}{270}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^2\ \Phi_{180}^4\ \Phi_{135}^2\ \Phi_{108}^4\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^4\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
97956	1446	1500	$\frac{9}{250}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1500}^2\ \Phi_{750}\ \Phi_{375}\ \Phi_{300}^2\ \Phi_{150}\ \Phi_{75}\ \Phi_{12}\ \Phi_6$
97957	1446	2400	$\frac{3}{80}$	$\frac{77}{800}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{150}\ \Phi_{96}\ \Phi_{75}\ \Phi_{12}\ \Phi_6$
97958	1446	264	$\frac{1}{24}$	$\frac{23}{264}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{264}^6\ \Phi_{132}^6\ \Phi_{88}^6\ \Phi_{66}^6\ \Phi_{44}^6\ \Phi_{33}^6\ \Phi_{22}^6\ \Phi_{12}\ \Phi_{11}^6\ \Phi_6$
97959	1446	252	$\frac{11}{252}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^6\ \Phi_{63}^6\ \Phi_{42}^6\ \Phi_{36}^6\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_{12}\ \Phi_9^6\ \Phi_7^6\ \Phi_6$
97960	1446	2280	$\frac{37}{760}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{12}\ \Phi_6$
97961	1446	780	$\frac{1}{20}$	$\frac{19}{260}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{195}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{12}\ \Phi_6$
97962	1446	1020	$\frac{14}{255}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{204}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{12}\ \Phi_6$
97963	1446	768	$\frac{15}{256}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{768}^3\ \Phi_{384}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{12}\ \Phi_6$
97964	1446	2484	$\frac{1}{69}$	$\frac{139}{621}$	$\frac{1}{4}$	$\frac{68}{207}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{276}\ \Phi_{138}\ \Phi_{108}\ \Phi_{92}\ \Phi_{54}\ \Phi_{46}\ \Phi_{12}\ \Phi_6$
97965	1446	357	$\frac{3}{119}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{116}{357}$	$\Phi_{357}^6\ \Phi_{51}^6\ \Phi_{21}^6\ \Phi_{17}\ \Phi_3^6\ \Phi_1^2$
97966	1446	1428	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{116}{357}$	$\Phi_{1428}^2\ \Phi_{714}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_6^2$
97967	1446	290	$\frac{4}{145}$	$\frac{49}{290}$	$\frac{1}{5}$	$\frac{47}{145}$	$\Phi_{290}^6\ \Phi_{145}^4\ \Phi_{58}^6\ \Phi_{29}^4\ \Phi_{10}^6\ \Phi_5^3\ \Phi_2^6\ \Phi_1^4$
97968	1446	289	$\frac{10}{289}$	$\frac{48}{289}$	$\frac{49}{289}$	$\frac{93}{289}$	$\Phi_{289}^5\ \Phi_{17}^5\ \Phi_1^6$
97969	1446	350	$\frac{23}{350}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{109}{350}$	$\Phi_{350}^4\ \Phi_{175}^4\ \Phi_{70}^4\ \Phi_{50}^4\ \Phi_{35}^4\ \Phi_{25}^6\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_5^5\ \Phi_2^4\ \Phi_1^6$
97970	1446	2772	$\frac{1}{21}$	$\frac{20}{231}$	$\frac{1}{4}$	$\frac{211}{693}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
97971	1446	1848	$\frac{23}{264}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{10}{33}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{168}\ \Phi_{154}\ \Phi_{84}\ \Phi_{77}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}$
97972	1446	1380	$\frac{1}{23}$	$\frac{11}{115}$	$\frac{1}{4}$	$\frac{104}{345}$	$\Phi_{1380}^2\ \Phi_{690}^2\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}\ \Phi_{60}^2\ \Phi_{46}\ \Phi_{30}^2\ \Phi_{12}^2\ \Phi_6^2$
97973	1446	255	$\frac{14}{255}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{255}^6\ \Phi_{85}^6\ \Phi_{51}^6\ \Phi_{17}\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^6\ \Phi_1^2$
97974	1446	272	$\frac{3}{34}$	$\frac{31}{272}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{272}^6\ \Phi_{136}^6\ \Phi_{68}^6\ \Phi_{17}\ \Phi_{16}^6\ \Phi_8^6\ \Phi_4^6\ \Phi_1^2$
97975	1446	250	$\frac{9}{250}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{250}^6\ \Phi_{125}^6\ \Phi_{50}^6\ \Phi_{25}^4\ \Phi_{10}^6\ \Phi_5^3\ \Phi_2^6\ \Phi_1^4$
97976	1446	2310	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{21}{110}$	$\frac{89}{330}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{231}\ \Phi_{210}\ \Phi_{154}\ \Phi_{105}\ \Phi_{77}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
97977	1446	276	$\frac{1}{23}$	$\frac{35}{276}$	$\frac{11}{46}$	$\frac{1}{4}$	$\Phi_{276}^6\ \Phi_{138}^6\ \Phi_{92}^3\ \Phi_{69}^6\ \Phi_{46}^5\ \Phi_{23}^4\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^4\ \Phi_1^4$
97978	1446	252	$\frac{11}{252}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^6\ \Phi_{63}^6\ \Phi_{42}^6\ \Phi_{36}^6\ \Phi_{28}^3\ \Phi_{21}^6\ \Phi_{18}^6\ \Phi_{14}^5\ \Phi_{12}^6\ \Phi_9^6\ \Phi_7^4\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^4\ \Phi_1^4$
97979	1446	2300	$\frac{1}{23}$	$\frac{93}{575}$	$\frac{22}{115}$	$\frac{1}{4}$	$\Phi_{2300}\ \Phi_{1150}\ \Phi_{100}\ \Phi_{92}\ \Phi_{50}\ \Phi_{46}$
97980	1446	2380	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{113}{595}$	$\frac{1}{4}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{340}\ \Phi_{170}\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
97981	1446	950	$\frac{21}{475}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{227}{950}$	$\Phi_{950}^2\ \Phi_{475}\ \Phi_{190}^2\ \Phi_{95}\ \Phi_{50}^2\ \Phi_{38}^2\ \Phi_{25}^2\ \Phi_{19}\ \Phi_{10}^2\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
97982	1446	800	$\frac{2}{25}$	$\frac{77}{800}$	$\frac{1}{5}$	$\frac{23}{100}$	$\Phi_{800}^2\ \Phi_{400}^2\ \Phi_{200}^2\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{25}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
97983	1446	308	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{7}$	$\frac{67}{308}$	$\Phi_{308}^6\ \Phi_{154}^6\ \Phi_{77}\ \Phi_{44}^6\ \Phi_{28}^6\ \Phi_{22}^6\ \Phi_{14}^6\ \Phi_4^6\ \Phi_2^6$
97984	1446	875	$\frac{2}{25}$	$\frac{23}{175}$	$\frac{152}{875}$	$\frac{1}{5}$	$\Phi_{875}^2\ \Phi_{125}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
97985	1447	1932	$\frac{2}{483}$	$\frac{485}{1932}$	$\frac{1}{3}$	$\frac{481}{966}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{483}\ \Phi_{276}\ \Phi_{161}\ \Phi_{92}\ \Phi_{84}\ \Phi_{69}\ \Phi_{28}\ \Phi_{23}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
97986	1447	2880	$\frac{7}{1440}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1433}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{12}\ \Phi_4\ \Phi_1$
97987	1447	2880	$\frac{7}{1440}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1433}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_9\ \Phi_1$
97988	1447	1656	$\frac{2}{207}$	$\frac{209}{1656}$	$\frac{1}{3}$	$\frac{205}{414}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{276}\ \Phi_{207}\ \Phi_{184}\ \Phi_{92}\ \Phi_{72}\ \Phi_{69}\ \Phi_{36}\ \Phi_{24}\ \Phi_{23}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
97989	1447	2856	$\frac{19}{1428}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1409}{2856}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{168}\ \Phi_{136}\ \Phi_{56}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
97990	1447	1518	$\frac{2}{69}$	$\frac{71}{1518}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{253}\ \Phi_{69}\ \Phi_{66}\ \Phi_{33}\ \Phi_{23}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
97991	1447	1512	$\frac{2}{63}$	$\frac{65}{1512}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
97992	1447	1584	$\frac{5}{132}$	$\frac{137}{1584}$	$\frac{1}{6}$	$\frac{127}{264}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{72}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_1$
97993	1447	2772	$\frac{2}{63}$	$\frac{61}{1386}$	$\frac{1}{3}$	$\frac{1325}{2772}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{132}\ \Phi_{84}\ \Phi_{63}\ \Phi_{44}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
97994	1447	2772	$\frac{61}{1386}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1325}{2772}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{28}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
97995	1447	2760	$\frac{2}{69}$	$\frac{67}{1380}$	$\frac{1}{3}$	$\frac{1313}{2760}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{184}\ \Phi_{120}\ \Phi_{69}\ \Phi_{40}\ \Phi_{24}\ \Phi_{23}\ \Phi_8\ \Phi_1$
97996	1447	1470	$\frac{23}{1470}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{294}\ \Phi_{245}\ \Phi_{210}\ \Phi_{147}\ \Phi_{105}\ \Phi_{98}\ \Phi_{70}\ \Phi_{49}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
97997	1447	2640	$\frac{5}{132}$	$\frac{127}{1320}$	$\frac{1}{6}$	$\frac{1193}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{132}\ \Phi_{80}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
97998	1447	2484	$\frac{2}{207}$	$\frac{205}{1242}$	$\frac{1}{3}$	$\frac{1037}{2484}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{276}\ \Phi_{207}\ \Phi_{108}\ \Phi_{92}\ \Phi_{69}\ \Phi_{36}\ \Phi_{23}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
97999	1447	2160	$\frac{7}{720}$	$\frac{1}{6}$	$\frac{713}{2160}$	$\frac{5}{12}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
98000	1447	1464	$\frac{17}{1464}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1464}\ \Phi_{732}\ \Phi_{488}\ \Phi_{366}\ \Phi_{244}\ \Phi_{183}\ \Phi_{122}\ \Phi_{61}\ \Phi_{12}\ \Phi_4\ \Phi_1$
98001	1447	1920	$\frac{7}{480}$	$\frac{1}{6}$	$\frac{473}{1920}$	$\frac{5}{12}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{12}\ \Phi_4\ \Phi_1$
98002	1447	1800	$\frac{7}{360}$	$\frac{1}{6}$	$\frac{353}{1800}$	$\frac{5}{12}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{12}\ \Phi_4\ \Phi_1$
98003	1447	1476	$\frac{29}{1476}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{492}\ \Phi_{369}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_{12}\ \Phi_4\ \Phi_1$
98004	1447	1728	$\frac{7}{288}$	$\frac{281}{1728}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{64}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
98005	1447	1488	$\frac{41}{1488}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}\ \Phi_{372}\ \Phi_{248}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{12}\ \Phi_4\ \Phi_1$
98006	1447	1680	$\frac{7}{240}$	$\frac{233}{1680}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
98007	1447	1500	$\frac{53}{1500}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}\ \Phi_{250}\ \Phi_{150}\ \Phi_{125}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{12}\ \Phi_4\ \Phi_1$
98008	1447	1620	$\frac{7}{180}$	$\frac{173}{1620}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
98009	1447	1512	$\frac{65}{1512}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
98010	1447	1584	$\frac{7}{144}$	$\frac{137}{1584}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
98011	1447	1536	$\frac{89}{1536}$	$\frac{7}{96}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{12}\ \Phi_4\ \Phi_1$
98012	1447	1560	$\frac{7}{120}$	$\frac{113}{1560}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
98013	1447	1458	$\frac{11}{1458}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1458}\ \Phi_{729}\ \Phi_{486}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
98014	1447	1863	$\frac{2}{207}$	$\frac{416}{1863}$	$\frac{205}{621}$	$\frac{1}{3}$	$\Phi_{1863}\ \Phi_{207}\ \Phi_{81}\ \Phi_{69}\ \Phi_{23}\ \Phi_9\ \Phi_1$
98015	1447	2160	$\frac{7}{720}$	$\frac{2}{9}$	$\frac{713}{2160}$	$\frac{1}{3}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
98016	1447	2142	$\frac{19}{714}$	$\frac{2}{21}$	$\frac{695}{2142}$	$\frac{1}{3}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{306}\ \Phi_{153}\ \Phi_{126}\ \Phi_{63}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_1$
98017	1447	2079	$\frac{2}{63}$	$\frac{61}{693}$	$\frac{632}{2079}$	$\frac{1}{3}$	$\Phi_{2079}\ \Phi_{297}\ \Phi_{189}\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$
98018	1447	2070	$\frac{2}{69}$	$\frac{67}{690}$	$\frac{623}{2070}$	$\frac{1}{3}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{414}\ \Phi_{207}\ \Phi_{90}\ \Phi_{69}\ \Phi_{45}\ \Phi_{23}\ \Phi_{18}\ \Phi_9\ \Phi_1$
98019	1447	1656	$\frac{2}{69}$	$\frac{209}{1656}$	$\frac{67}{276}$	$\frac{1}{3}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{207}\ \Phi_{184}\ \Phi_{72}\ \Phi_{69}\ \Phi_{36}\ \Phi_{24}\ \Phi_{23}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
98020	1447	1512	$\frac{65}{1512}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
98021	1447	1800	$\frac{7}{360}$	$\frac{353}{1800}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{9}\ \Phi_{1}$
98022	1447	1476	$\frac{29}{1476}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{492}\ \Phi_{369}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_{9}\ \Phi_{1}$
98023	1447	1728	$\frac{7}{288}$	$\frac{281}{1728}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{64}\ \Phi_{54}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
98024	1447	1485	$\frac{38}{1485}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}\ \Phi_{99}\ \Phi_{55}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
98025	1447	1620	$\frac{7}{180}$	$\frac{173}{1620}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
98026	1447	1512	$\frac{65}{1512}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
98027	1447	1584	$\frac{7}{144}$	$\frac{137}{1584}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
98028	1447	1530	$\frac{83}{1530}$	$\frac{7}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}\ \Phi_{255}\ \Phi_{170}\ \Phi_{153}\ \Phi_{102}\ \Phi_{85}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
98029	1447	1725	$\frac{2}{69}$	$\frac{278}{1725}$	$\frac{67}{345}$	$\frac{1}{3}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{75}\ \Phi_{69}\ \Phi_{25}\ \Phi_{23}\ \Phi_{1}$
98030	1447	1785	$\frac{19}{357}$	$\frac{2}{21}$	$\frac{338}{1785}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{255}\ \Phi_{105}\ \Phi_{85}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
98031	1447	1584	$\frac{5}{66}$	$\frac{137}{1584}$	$\frac{1}{6}$	$\frac{61}{198}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
98032	1447	1980	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{127}{660}$	$\frac{533}{1980}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{198}\ \Phi_{180}\ \Phi_{132}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
98033	1447	1848	$\frac{5}{66}$	$\frac{61}{462}$	$\frac{1}{6}$	$\frac{401}{1848}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{66}\ \Phi_{56}\ \Phi_{44}\ \Phi_{33}\ \Phi_{28}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
98034	1448	1083	$\frac{1}{361}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{180}{361}$	$\Phi_{1083}\ \Phi_{361}^2\ \Phi_{57}\ \Phi_{19}^2\ \Phi_{3}^2\ \Phi_{1}^4$
98035	1448	1447	$\frac{5}{1447}$	$\frac{363}{1447}$	$\frac{542}{1447}$	$\frac{721}{1447}$	$\Phi_{1447}\ \Phi_{1}^2$
98036	1448	2175	$\frac{3}{725}$	$\frac{182}{725}$	$\frac{1}{3}$	$\frac{361}{725}$	$\Phi_{2175}\ \Phi_{435}\ \Phi_{87}\ \Phi_{75}\ \Phi_{15}$
98037	1448	2520	$\frac{1}{180}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{179}{360}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}^2\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{1}^2$
98038	1448	360	$\frac{1}{180}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{179}{360}$	$\Phi_{360}^8\ \Phi_{120}^8\ \Phi_{72}^8\ \Phi_{40}^8\ \Phi_{24}^8\ \Phi_{15}\ \Phi_{8}^8$
98039	1448	435	$\frac{1}{145}$	$\frac{73}{435}$	$\frac{1}{3}$	$\frac{72}{145}$	$\Phi_{435}^3\ \Phi_{145}^4\ \Phi_{87}^3\ \Phi_{29}^4\ \Phi_{15}^3\ \Phi_{5}^4\ \Phi_{3}^2\ \Phi_{1}^4$
98040	1448	1210	$\frac{1}{121}$	$\frac{1}{5}$	$\frac{61}{242}$	$\frac{60}{121}$	$\Phi_{1210}^2\ \Phi_{605}\ \Phi_{110}^2\ \Phi_{55}\ \Phi_{10}^2$
98041	1448	1760	$\frac{5}{176}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{171}{352}$	$\Phi_{1760}^2\ \Phi_{160}^2\ \Phi_{55}$
98042	1448	990	$\frac{1}{33}$	$\frac{17}{198}$	$\frac{1}{5}$	$\frac{16}{33}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{90}^2\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
98043	1448	1050	$\frac{6}{175}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{169}{350}$	$\Phi_{1050}^4\ \Phi_{210}^4\ \Phi_{150}^4\ \Phi_{75}\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{15}\ \Phi_{6}^4$
98044	1448	3150	$\frac{6}{175}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{169}{350}$	$\Phi_{3150}\ \Phi_{1050}\ \Phi_{630}\ \Phi_{450}\ \Phi_{210}\ \Phi_{150}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}\ \Phi_{6}$
98045	1448	1131	$\frac{1}{29}$	$\frac{15}{377}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{1131}^2\ \Phi_{87}\ \Phi_{39}^2$
98046	1448	1872	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{27}{208}$	$\frac{25}{52}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{312}\ \Phi_{234}\ \Phi_{144}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{18}\ \Phi_{6}$
98047	1448	375	$\frac{13}{375}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{375}^4\ \Phi_{125}^4\ \Phi_{75}^3\ \Phi_{25}^4\ \Phi_{15}^3\ \Phi_{5}^4\ \Phi_{3}^2\ \Phi_{1}^4$
98048	1448	348	$\frac{1}{29}$	$\frac{7}{174}$	$\frac{1}{3}$	$\frac{167}{348}$	$\Phi_{348}^8\ \Phi_{116}^8\ \Phi_{87}\ \Phi_{12}^8\ \Phi_{4}^8$
98049	1448	3042	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{157}{338}$	$\Phi_{3042}\ \Phi_{1014}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{18}\ \Phi_{6}$
98050	1448	1764	$\frac{1}{14}$	$\frac{15}{196}$	$\frac{1}{9}$	$\frac{13}{28}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{147}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{6}$
98051	1448	1008	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{1}{9}$	$\frac{155}{336}$	$\Phi_{1008}^3\ \Phi_{336}^2\ \Phi_{144}^3\ \Phi_{126}\ \Phi_{112}^2\ \Phi_{63}\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}^2\ \Phi_{6}$
98052	1448	935	$\frac{6}{187}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{935}^2\ \Phi_{85}^2\ \Phi_{55}$
98053	1448	330	$\frac{1}{33}$	$\frac{16}{165}$	$\frac{1}{5}$	$\frac{149}{330}$	$\Phi_{330}^8\ \Phi_{165}\ \Phi_{110}^8\ \Phi_{66}^8\ \Phi_{55}\ \Phi_{30}^8\ \Phi_{22}^8\ \Phi_{15}\ \Phi_{10}^8\ \Phi_{6}^8\ \Phi_{2}^8$
98054	1448	1281	$\frac{2}{183}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1281}\ \Phi_{427}\ \Phi_{183}^2\ \Phi_{61}^2\ \Phi_{7}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
98055	1448	1890	$\frac{1}{90}$	$\frac{1}{7}$	$\frac{89}{270}$	$\frac{3}{7}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}^2\ \Phi_{189}\ \Phi_{135}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_7\ \Phi_1^2$
98056	1448	1288	$\frac{3}{184}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1288}\ \Phi_{644}\ \Phi_{322}\ \Phi_{184}^2\ \Phi_{161}\ \Phi_{92}^2\ \Phi_{56}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
98057	1448	1680	$\frac{1}{60}$	$\frac{1}{7}$	$\frac{59}{240}$	$\frac{3}{7}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}^2\ \Phi_{168}\ \Phi_{120}^2\ \Phi_{112}\ \Phi_{80}^2$ $\Phi_{56}\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
98058	1448	1295	$\frac{4}{185}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}^2\ \Phi_{37}^2\ \Phi_7\ \Phi_1^2$
98059	1448	1575	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{44}{225}$	$\frac{3}{7}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{225}^2\ \Phi_{175}\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_7\ \Phi_1^2$
98060	1448	1302	$\frac{5}{186}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}\ \Phi_{217}\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_7\ \Phi_1^2$
98061	1448	1512	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{35}{216}$	$\frac{3}{7}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{216}^2\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{56}\ \Phi_{54}^2$ $\Phi_{27}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
98062	1448	210	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{210}^7\ \Phi_{105}^7\ \Phi_{70}^7\ \Phi_{42}^7\ \Phi_{35}^7\ \Phi_{30}^6\ \Phi_{21}^7\ \Phi_{15}^6\ \Phi_{14}^7\ \Phi_{10}^6\ \Phi_7^8\ \Phi_6^6\ \Phi_5^6$ $\Phi_3^6\ \Phi_2^6\ \Phi_1^8$
98063	1448	189	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{189}^8\ \Phi_{63}^7\ \Phi_{27}^8\ \Phi_{21}^7\ \Phi_9^6\ \Phi_7^8\ \Phi_3^6\ \Phi_1^8$
98064	1448	1330	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{266}\ \Phi_{190}^2\ \Phi_{133}\ \Phi_{95}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_7\ \Phi_1^2$
98065	1448	1400	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{200}^2\ \Phi_{175}\ \Phi_{100}^2\ \Phi_{56}\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{25}^2$ $\Phi_8^2\ \Phi_7\ \Phi_1^2$
98066	1448	1386	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{198}^2\ \Phi_{154}\ \Phi_{99}^2\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2$ $\Phi_{11}^2\ \Phi_7\ \Phi_1^2$
98067	1448	1344	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}^2\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{56}$ $\Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
98068	1448	1365	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}^2\ \Phi_{91}\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_1^2$
98069	1448	936	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{25}{156}$	$\frac{131}{312}$	$\Phi_{936}^3\ \Phi_{312}^2\ \Phi_{234}\ \Phi_{117}\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{72}^3\ \Phi_{39}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_8^2\ \Phi_6$
98070	1448	1095	$\frac{3}{365}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1095}^2\ \Phi_{219}^2\ \Phi_{15}$
98071	1448	870	$\frac{1}{145}$	$\frac{36}{145}$	$\frac{1}{3}$	$\frac{109}{290}$	$\Phi_{870}^4\ \Phi_{435}\ \Phi_{174}^4\ \Phi_{87}\ \Phi_{30}^4\ \Phi_{15}\ \Phi_6^4$
98072	1448	546	$\frac{1}{182}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{546}^3\ \Phi_{273}^3\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{78}^3\ \Phi_{42}^3\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_7^2$ $\Phi_6^3\ \Phi_2^2$
98073	1448	915	$\frac{2}{183}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{915}^2\ \Phi_{305}^2\ \Phi_{15}$
98074	1448	570	$\frac{9}{190}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{570}^2\ \Phi_{285}^2\ \Phi_{190}^4\ \Phi_{114}^2\ \Phi_{95}^4\ \Phi_{57}\ \Phi_{38}^4\ \Phi_{30}^2\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_6^2$ $\Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
98075	1448	270	$\frac{1}{90}$	$\frac{1}{5}$	$\frac{89}{270}$	$\frac{1}{3}$	$\Phi_{270}^8\ \Phi_{135}^8\ \Phi_{54}^8\ \Phi_{27}^8\ \Phi_{15}$
98076	1448	783	$\frac{1}{29}$	$\frac{59}{783}$	$\frac{28}{87}$	$\frac{1}{3}$	$\Phi_{783}^2\ \Phi_{261}^2\ \Phi_{87}\ \Phi_{27}^2\ \Phi_9^2$
98077	1448	525	$\frac{1}{25}$	$\frac{12}{175}$	$\frac{163}{525}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{175}^4\ \Phi_{105}^2\ \Phi_{75}^3\ \Phi_{35}^4\ \Phi_{25}^4\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_7^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
98078	1448	261	$\frac{1}{29}$	$\frac{7}{87}$	$\frac{80}{261}$	$\frac{1}{3}$	$\Phi_{261}^8\ \Phi_{87}\ \Phi_9^8$
98079	1448	735	$\frac{11}{735}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}^2\ \Phi_{105}^2\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^2$
98080	1448	2760	$\frac{3}{184}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{120}\ \Phi_{15}$
98081	1448	240	$\frac{1}{60}$	$\frac{1}{5}$	$\frac{59}{240}$	$\frac{1}{3}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{80}^8\ \Phi_{48}^8\ \Phi_{40}^8\ \Phi_{24}^8\ \Phi_{16}^8\ \Phi_{15}\ \Phi_8^8$
98082	1448	609	$\frac{1}{29}$	$\frac{22}{203}$	$\frac{7}{29}$	$\frac{1}{3}$	$\Phi_{609}^4\ \Phi_{87}\ \Phi_{21}^4$
98083	1448	600	$\frac{1}{25}$	$\frac{19}{200}$	$\frac{6}{25}$	$\frac{1}{3}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{150}^4\ \Phi_{120}^4\ \Phi_{75}\ \Phi_{60}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_6^4$
98084	1448	1845	$\frac{7}{369}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{205}\ \Phi_{15}$
98085	1448	696	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{51}{232}$	$\frac{1}{3}$	$\Phi_{696}^4\ \Phi_{348}^4\ \Phi_{87}\ \Phi_{24}^4\ \Phi_{12}^4$
98086	1448	555	$\frac{4}{185}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{555}^4\ \Phi_{111}^4\ \Phi_{15}$
98087	1448	225	$\frac{1}{45}$	$\frac{44}{225}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{225}^8\ \Phi_{75}^8\ \Phi_{25}^8\ \Phi_{15}$
98088	1448	930	$\frac{5}{186}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{310}^2\ \Phi_{155}^2\ \Phi_{15}$
98089	1448	1080	$\frac{1}{36}$	$\frac{35}{216}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{40}^2\ \Phi_{15}$
98090	1448	210	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^8\ \Phi_{105}^8\ \Phi_{70}^8\ \Phi_{42}^8\ \Phi_{35}^8\ \Phi_{21}^8\ \Phi_{15}\ \Phi_{14}^8\ \Phi_7^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
98091	1448	375	$\frac{13}{375}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{375}^4\ \Phi_{125}^4\ \Phi_{75}^4\ \Phi_{25}^4\ \Phi_{15}$
98092	1448	945	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{15}$
98093	1448	405	$\frac{2}{45}$	$\frac{43}{405}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^4\ \Phi_{27}^4\ \Phi_{15}$
98094	1448	570	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{570}^4\ \Phi_{285}^4\ \Phi_{114}^4\ \Phi_{57}^4\ \Phi_{15}$
98095	1448	600	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{150}^4\ \Phi_{120}^4\ \Phi_{75}^4\ \Phi_{24}^4\ \Phi_{15}$
98096	1448	765	$\frac{41}{765}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^2\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_{15}$
98097	1448	990	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{15}$
98098	1448	960	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{15}$
98099	1448	195	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{195}^8\ \Phi_{65}^8\ \Phi_{39}^8\ \Phi_{15}\ \Phi_{13}^8$
98100	1448	2625	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{151}{875}$	$\frac{1}{3}$	$\Phi_{2625}\ \Phi_{375}\ \Phi_{75}\ \Phi_{15}$
98101	1448	435	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{73}{435}$	$\frac{1}{3}$	$\Phi_{435}^4\ \Phi_{145}^4\ \Phi_{87}\ \Phi_{15}^4\ \Phi_{5}^4$
98102	1448	234	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{53}{234}$	$\frac{25}{78}$	$\Phi_{234}^6\ \Phi_{117}^6\ \Phi_{78}^7\ \Phi_{39}^7\ \Phi_{26}^6\ \Phi_{18}^6\ \Phi_{13}^6\ \Phi_{9}^5\ \Phi_{6}^7\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^6$
98103	1448	1320	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{83}{264}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{30}^2\ \Phi_{15}^2$
98104	1448	630	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{29}{210}$	$\frac{13}{42}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^2\ \Phi_{126}\ \Phi_{105}^2\ \Phi_{90}^3\ \Phi_{70}^2\ \Phi_{63}\ \Phi_{45}^3\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2$ $\Phi_{21}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{6}\ \Phi_{5}^2$
98105	1448	252	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{84}$	$\frac{71}{252}$	$\Phi_{252}^5\ \Phi_{126}^6\ \Phi_{84}^6\ \Phi_{63}^6\ \Phi_{42}^7\ \Phi_{36}^5\ \Phi_{28}^6\ \Phi_{21}^7\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_{9}^5$ $\Phi_{7}^6\ \Phi_{6}^7\ \Phi_{4}^6\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^6$
98106	1448	495	$\frac{1}{33}$	$\frac{32}{165}$	$\frac{1}{5}$	$\frac{133}{495}$	$\Phi_{495}^4\ \Phi_{165}\ \Phi_{99}^4\ \Phi_{55}\ \Phi_{45}^4\ \Phi_{15}\ \Phi_{9}^4$
98107	1448	2016	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{43}{224}$	$\frac{13}{56}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}$ $\Phi_{21}\ \Phi_{18}\ \Phi_{6}$
98108	1448	990	$\frac{17}{198}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{22}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{90}^2\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{15}^2$
98109	1448	220	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{220}$	$\frac{1}{5}$	$\Phi_{220}^6\ \Phi_{110}^6\ \Phi_{55}^7\ \Phi_{44}^8\ \Phi_{22}^8\ \Phi_{20}^6\ \Phi_{11}^8\ \Phi_{10}^6\ \Phi_{5}^6\ \Phi_{4}^8\ \Phi_{2}^8\ \Phi_{1}^8$
98110	1448	630	$\frac{1}{9}$	$\frac{29}{210}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{630}^3\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^3\ \Phi_{105}\ \Phi_{90}^3\ \Phi_{70}^2\ \Phi_{63}^3\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2$ $\Phi_{21}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
98111	1449	1236	$\frac{1}{206}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{205}{412}$	$\Phi_{618}^2\ \Phi_{412}\ \Phi_{309}^2\ \Phi_{206}^2\ \Phi_{103}^2\ \Phi_{12}\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^3$
98112	1449	3708	$\frac{1}{206}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{205}{412}$	$\Phi_{3708}\ \Phi_{412}\ \Phi_{36}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
98113	1449	1936	$\frac{3}{484}$	$\frac{1}{4}$	$\frac{487}{1936}$	$\frac{481}{968}$	$\Phi_{1936}\ \Phi_{484}\ \Phi_{242}\ \Phi_{176}\ \Phi_{121}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
98114	1449	320	$\frac{1}{160}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{159}{320}$	$\Phi_{320}^9\ \Phi_{64}^9\ \Phi_{16}\ \Phi_{1}$
98115	1449	320	$\frac{1}{160}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{159}{320}$	$\Phi_{320}^9\ \Phi_{64}^9\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
98116	1449	1590	$\frac{2}{159}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{157}{318}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{530}\ \Phi_{265}\ \Phi_{159}\ \Phi_{53}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}$ Φ_{1}
98117	1449	680	$\frac{1}{68}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{67}{136}$	$\Phi_{340}^4\ \Phi_{170}^4\ \Phi_{136}\ \Phi_{85}^4\ \Phi_{68}^4\ \Phi_{40}\ \Phi_{34}^4\ \Phi_{20}^4\ \Phi_{17}^4\ \Phi_{10}^4\ \Phi_{8}^2\ \Phi_{5}^4$ $\Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^5$
98118	1449	680	$\frac{1}{68}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{67}{136}$	$\Phi_{680}^4\ \Phi_{136}^5\ \Phi_{40}^4\ \Phi_{10}^2\ \Phi_{8}^5\ \Phi_{5}^2\ \Phi_{2}^2\ \Phi_{1}^3$
98119	1449	136	$\frac{1}{68}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{67}{136}$	$\Phi_{136}^9\ \Phi_{68}^{12}\ \Phi_{34}^{12}\ \Phi_{17}^{12}\ \Phi_{8}^{12}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
98120	1449	3400	$\frac{1}{68}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{67}{136}$	$\Phi_{3400}\ \Phi_{200}\ \Phi_{136}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
98121	1449	1364	$\frac{1}{62}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{61}{124}$	$\Phi_{682}^2\ \Phi_{341}^2\ \Phi_{124}\ \Phi_{62}^2\ \Phi_{44}\ \Phi_{31}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
98122	1449	4092	$\frac{1}{62}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{61}{124}$	$\Phi_{4092}\ \Phi_{372}\ \Phi_{132}\ \Phi_{124}\ \Phi_{33}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
98123	1449	1080	$\frac{1}{54}$	$\frac{1}{10}$	$\frac{55}{216}$	$\frac{53}{108}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}^2\ \Phi_{40}^2$ $\Phi_{30}^2\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
98124	1449	1892	$\frac{10}{473}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{463}{946}$	$\Phi_{1892}\ \Phi_{473}\ \Phi_{172}\ \Phi_{44}^2\ \Phi_{43}\ \Phi_{22}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
98125	1449	176	$\frac{1}{44}$	$\frac{15}{176}$	$\frac{1}{4}$	$\frac{43}{88}$	$\Phi_{176}^9\ \Phi_{88}^6\ \Phi_{44}^9\ \Phi_{22}^9\ \Phi_{16}^9\ \Phi_{11}^9\ \Phi_{8}^6\ \Phi_{4}^8\ \Phi_{2}^8\ \Phi_{1}^9$
98126	1449	2816	$\frac{41}{1408}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1367}{2816}$	$\Phi_{2816}\ \Phi_{256}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
98127	1449	1560	$\frac{5}{156}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{151}{312}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}\ \Phi_{120}^2\ \Phi_{104}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
98128	1449	1664	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{215}{1664}$	$\frac{201}{416}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{208}\ \Phi_{128}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
98129	1449	400	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{193}{400}$	$\Phi_{400}^7\ \Phi_{80}^7\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
98130	1449	1364	$\frac{1}{31}$	$\frac{1}{22}$	$\frac{10}{31}$	$\frac{21}{44}$	$\Phi_{1364}^2\ \Phi_{124}^2\ \Phi_{44}^3\ \Phi_{31}^2\ \Phi_4^3\ \Phi_1^3$
98131	1449	44	$\frac{1}{22}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{44}^{23}\ \Phi_{22}^{43}\ \Phi_{11}^{43}\ \Phi_4^{22}\ \Phi_2^{42}\ \Phi_1^{43}$
98132	1449	1364	$\frac{1}{22}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{21}{44}$	$\Phi_{1364}^2\ \Phi_{124}^2\ \Phi_{44}^3\ \Phi_{31}^2\ \Phi_4^3\ \Phi_1^3$
98133	1449	440	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{21}{44}$	$\Phi_{440}^4\ \Phi_{220}^2\ \Phi_{110}^4\ \Phi_{88}^2\ \Phi_{55}^4\ \Phi_{44}\ \Phi_{40}^6\ \Phi_{22}^2\ \Phi_{20}^4\ \Phi_{11}^2\ \Phi_{10}^5\ \Phi_8^3\ \Phi_5^5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
98134	1449	680	$\frac{1}{34}$	$\frac{1}{20}$	$\frac{11}{34}$	$\frac{19}{40}$	$\Phi_{680}^4\ \Phi_{136}^4\ \Phi_{40}^5\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_8^5\ \Phi_2^2\ \Phi_1^3$
98135	1449	120	$\frac{1}{24}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^9\ \Phi_{30}^{12}\ \Phi_{24}^{15}\ \Phi_{20}^{12}\ \Phi_{15}^{12}\ \Phi_{12}^{15}\ \Phi_{10}^{12}\ \Phi_8^{12}\ \Phi_6^{15}\ \Phi_5^{12}\ \Phi_4^{14}\ \Phi_3^{15}\ \Phi_2^{14}\ \Phi_1^{15}$
98136	1449	680	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{19}{40}$	$\Phi_{680}^4\ \Phi_{136}^4\ \Phi_{85}\ \Phi_{40}^5\ \Phi_8^5\ \Phi_5\ \Phi_1$
98137	1449	1530	$\frac{8}{153}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{145}{306}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{153}\ \Phi_{90}^2\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}\ \Phi_{17}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
98138	1449	180	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{19}{180}$	$\frac{17}{36}$	$\Phi_{180}^7\ \Phi_{90}^9\ \Phi_{60}^7\ \Phi_{45}^9\ \Phi_{36}^8\ \Phi_{30}^9\ \Phi_{20}^7\ \Phi_{18}^9\ \Phi_{15}^9\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_9^9\ \Phi_6^9\ \Phi_5^8\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
98139	1449	1430	$\frac{1}{22}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{1430}\ \Phi_{715}\ \Phi_{286}\ \Phi_{143}\ \Phi_{110}^2\ \Phi_{65}\ \Phi_{55}^2\ \Phi_{22}\ \Phi_{13}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
98140	1449	520	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{61}{130}$	$\Phi_{520}^3\ \Phi_{260}^3\ \Phi_{104}^4\ \Phi_{65}^3\ \Phi_{52}^4\ \Phi_{40}^3\ \Phi_{26}\ \Phi_{20}^3\ \Phi_{13}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^3\ \Phi_1^3$
98141	1449	224	$\frac{1}{16}$	$\frac{17}{224}$	$\frac{1}{8}$	$\frac{15}{32}$	$\Phi_{224}^7\ \Phi_{112}^7\ \Phi_{56}^7\ \Phi_{28}^7\ \Phi_{16}^7\ \Phi_{14}^7\ \Phi_8^6\ \Phi_7^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
98142	1449	1496	$\frac{47}{1496}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{374}\ \Phi_{187}\ \Phi_{136}\ \Phi_{68}\ \Phi_{44}\ \Phi_{34}\ \Phi_{22}\ \Phi_{17}\ \Phi_{11}\ \Phi_1$
98143	1449	308	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{308}^4\ \Phi_{154}^6\ \Phi_{77}^6\ \Phi_{44}^4\ \Phi_{28}^2\ \Phi_{22}^5\ \Phi_{14}^3\ \Phi_{11}^5\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
98144	1449	2704	$\frac{7}{104}$	$\frac{97}{1352}$	$\frac{1}{8}$	$\frac{1255}{2704}$	$\Phi_{2704}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
98145	1449	128	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{1}{8}$	$\frac{59}{128}$	$\Phi_{128}^{21}\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
98146	1449	1344	$\frac{1}{64}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}^2\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}^2\ \Phi_{84}\ \Phi_{64}\ \Phi_{56}\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
98147	1449	462	$\frac{1}{22}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{462}^3\ \Phi_{231}^3\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{21}^3\ \Phi_{14}\ \Phi_{11}^3\ \Phi_7^3\ \Phi_3^3\ \Phi_1^3$
98148	1449	880	$\frac{1}{44}$	$\frac{43}{440}$	$\frac{1}{4}$	$\frac{397}{880}$	$\Phi_{880}^3\ \Phi_{176}^3\ \Phi_{80}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{16}^3\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
98149	1449	880	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{176}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{80}\ \Phi_{55}^2\ \Phi_{40}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
98150	1449	1440	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{17}{144}$	$\frac{127}{288}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}\ \Phi_{160}^2\ \Phi_{96}\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
98151	1449	240	$\frac{1}{80}$	$\frac{1}{8}$	$\frac{79}{240}$	$\frac{7}{16}$	$\Phi_{240}^9\ \Phi_{120}^9\ \Phi_{60}^9\ \Phi_{48}^9\ \Phi_{30}^9\ \Phi_{24}^9\ \Phi_{16}\ \Phi_{15}^9\ \Phi_{12}^9\ \Phi_6^9\ \Phi_3^9\ \Phi_1$
98152	1449	64	$\frac{1}{64}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{64}^{23}\ \Phi_{32}^{22}\ \Phi_{16}^{23}\ \Phi_8^{22}\ \Phi_4^{22}\ \Phi_2^{22}\ \Phi_1^{23}$
98153	1449	656	$\frac{3}{164}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{656}^4\ \Phi_{164}\ \Phi_{82}\ \Phi_{41}\ \Phi_{16}\ \Phi_1$
98154	1449	640	$\frac{3}{160}$	$\frac{1}{8}$	$\frac{157}{640}$	$\frac{7}{16}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{16}\ \Phi_1$
98155	1449	2640	$\frac{4}{165}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{165}\ \Phi_{55}\ \Phi_{48}\ \Phi_{33}\ \Phi_{16}\ \Phi_{15}\ \Phi_{11}\ \Phi_3\ \Phi_1$
98156	1449	400	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{39}{200}$	$\frac{7}{16}$	$\Phi_{400}^8\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
98157	1449	496	$\frac{13}{496}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{496}^3\ \Phi_{248}^3\ \Phi_{124}^3\ \Phi_{62}^3\ \Phi_{31}^3\ \Phi_{16}\ \Phi_1$
98158	1449	192	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{31}{192}$	$\frac{7}{16}$	$\Phi_{192}^9\ \Phi_{96}^9\ \Phi_{64}^9\ \Phi_{48}^9\ \Phi_{24}^9\ \Phi_{16}\ \Phi_{12}^9\ \Phi_6^9\ \Phi_3^9\ \Phi_1$
98159	1449	80	$\frac{3}{80}$	$\frac{1}{8}$	$\frac{11}{80}$	$\frac{7}{16}$	$\Phi_{80}^{18}\ \Phi_{40}^{18}\ \Phi_{20}^{18}\ \Phi_{16}^{19}\ \Phi_{10}^{18}\ \Phi_8^{18}\ \Phi_5^{18}\ \Phi_4^{18}\ \Phi_2^{18}\ \Phi_1^{19}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
98160	1449	48	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{48}^{56}\ \Phi_{24}^{7}\ \Phi_{16}^{49}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
98161	1449	1520	$\frac{71}{1520}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{304}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{1}$
98162	1449	720	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{720}^{4}\ \Phi_{240}^{4}\ \Phi_{180}\ \Phi_{144}^{4}\ \Phi_{90}\ \Phi_{60}\ \Phi_{48}^{4}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
98163	1449	1360	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1360}^{2}\ \Phi_{272}^{2}\ \Phi_{170}\ \Phi_{85}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{1}$
98164	1449	1600	$\frac{9}{160}$	$\frac{151}{1600}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_{1}$
98165	1449	512	$\frac{29}{512}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{512}^{3}\ \Phi_{256}^{3}\ \Phi_{128}^{3}\ \Phi_{64}^{3}\ \Phi_{16}\ \Phi_{1}$
98166	1449	176	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{176}^{9}\ \Phi_{88}^{9}\ \Phi_{44}^{9}\ \Phi_{22}^{9}\ \Phi_{16}\ \Phi_{11}^{9}\ \Phi_{1}$
98167	1449	728	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{25}{182}$	$\frac{157}{364}$	$\Phi_{728}^{2}\ \Phi_{364}\ \Phi_{182}^{2}\ \Phi_{104}^{4}\ \Phi_{91}^{2}\ \Phi_{56}^{2}\ \Phi_{52}^{3}\ \Phi_{28}\ \Phi_{26}^{3}\ \Phi_{14}^{2}\ \Phi_{13}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
98168	1449	320	$\frac{1}{64}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{320}^{4}\ \Phi_{160}^{4}\ \Phi_{80}^{4}\ \Phi_{64}^{7}\ \Phi_{40}^{3}\ \Phi_{32}^{7}\ \Phi_{20}^{4}\ \Phi_{16}^{7}\ \Phi_{10}^{4}\ \Phi_{8}^{6}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
98169	1449	440	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{440}^{6}\ \Phi_{110}^{2}\ \Phi_{88}^{6}\ \Phi_{55}^{2}\ \Phi_{40}^{3}\ \Phi_{22}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{5}\ \Phi_{1}$
98170	1449	832	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{67}{416}$	$\frac{349}{832}$	$\Phi_{832}^{3}\ \Phi_{208}\ \Phi_{104}\ \Phi_{64}^{3}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
98171	1449	1236	$\frac{1}{103}$	$\frac{1}{6}$	$\frac{34}{103}$	$\frac{5}{12}$	$\Phi_{1236}^{2}\ \Phi_{412}^{2}\ \Phi_{103}^{2}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
98172	1449	420	$\frac{1}{70}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{420}^{2}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{2}\ \Phi_{70}^{5}\ \Phi_{60}^{2}\ \Phi_{42}^{4}\ \Phi_{35}^{5}\ \Phi_{30}^{4}\ \Phi_{28}^{4}\ \Phi_{21}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{14}^{5}\ \Phi_{12}\ \Phi_{10}^{5}\ \Phi_{7}^{5}\ \Phi_{6}^{2}\ \Phi_{5}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
98173	1449	1236	$\frac{4}{103}$	$\frac{11}{103}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1236}^{2}\ \Phi_{412}^{2}\ \Phi_{103}^{2}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
98174	1449	120	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{120}^{14}\ \Phi_{60}^{12}\ \Phi_{40}^{14}\ \Phi_{30}^{14}\ \Phi_{24}^{7}\ \Phi_{20}^{12}\ \Phi_{15}^{14}\ \Phi_{12}^{6}\ \Phi_{10}^{13}\ \Phi_{8}^{7}\ \Phi_{6}^{7}\ \Phi_{5}^{13}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
98175	1449	270	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{26}{135}$	$\frac{109}{270}$	$\Phi_{270}^{5}\ \Phi_{135}^{6}\ \Phi_{90}^{5}\ \Phi_{54}^{5}\ \Phi_{45}^{6}\ \Phi_{30}^{5}\ \Phi_{27}^{5}\ \Phi_{18}^{5}\ \Phi_{15}^{6}\ \Phi_{10}^{4}\ \Phi_{9}^{5}\ \Phi_{6}^{5}\ \Phi_{5}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
98176	1449	1232	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{1232}^{2}\ \Phi_{176}^{2}\ \Phi_{154}^{2}\ \Phi_{112}\ \Phi_{77}^{2}\ \Phi_{22}\ \Phi_{16}\ \Phi_{14}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
98177	1449	488	$\frac{5}{488}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{488}^{3}\ \Phi_{244}^{3}\ \Phi_{122}^{3}\ \Phi_{61}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
98178	1449	576	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{576}^{2}\ \Phi_{288}^{2}\ \Phi_{192}^{4}\ \Phi_{144}^{2}\ \Phi_{96}^{4}\ \Phi_{72}^{2}\ \Phi_{64}^{3}\ \Phi_{48}^{4}\ \Phi_{36}\ \Phi_{32}^{3}\ \Phi_{24}^{4}\ \Phi_{18}^{2}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
98179	1449	96	$\frac{1}{24}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{96}^{24}\ \Phi_{48}^{8}\ \Phi_{32}^{21}\ \Phi_{24}^{7}\ \Phi_{16}^{7}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
98180	1449	104	$\frac{1}{52}$	$\frac{1}{8}$	$\frac{17}{52}$	$\frac{35}{104}$	$\Phi_{104}^{13}\ \Phi_{52}^{15}\ \Phi_{26}^{15}\ \Phi_{13}^{15}\ \Phi_{8}^{12}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
98181	1449	484	$\frac{1}{121}$	$\frac{1}{4}$	$\frac{40}{121}$	$\frac{81}{242}$	$\Phi_{484}^{4}\ \Phi_{242}\ \Phi_{121}^{3}\ \Phi_{44}^{4}\ \Phi_{22}\ \Phi_{11}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
98182	1449	724	$\frac{1}{181}$	$\frac{60}{181}$	$\frac{241}{724}$	$\frac{121}{362}$	$\Phi_{724}^{3}\ \Phi_{181}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
98183	1449	927	$\frac{1}{103}$	$\frac{2}{9}$	$\frac{34}{103}$	$\frac{1}{3}$	$\Phi_{927}^{2}\ \Phi_{103}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
98184	1449	1260	$\frac{1}{70}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1260}^{2}\ \Phi_{630}\ \Phi_{315}\ \Phi_{252}^{2}\ \Phi_{180}^{2}\ \Phi_{140}^{2}\ \Phi_{126}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{14}\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
98185	1449	927	$\frac{4}{103}$	$\frac{11}{103}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{927}^{2}\ \Phi_{103}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
98186	1449	360	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{2}\ \Phi_{90}^{5}\ \Phi_{72}^{3}\ \Phi_{60}^{2}\ \Phi_{45}^{5}\ \Phi_{40}^{2}\ \Phi_{36}^{3}\ \Phi_{30}^{2}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}^{3}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
98187	1449	240	$\frac{1}{80}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{79}{240}$	$\Phi_{240}^{9}\ \Phi_{120}^{9}\ \Phi_{60}^{9}\ \Phi_{48}^{9}\ \Phi_{30}^{9}\ \Phi_{24}^{9}\ \Phi_{15}^{9}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{2}\ \Phi_{3}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
98188	1449	170	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{11}{34}$	$\Phi_{170}^{8}\ \Phi_{85}^{8}\ \Phi_{34}^{10}\ \Phi_{17}^{10}\ \Phi_{10}^{10}\ \Phi_{5}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
98189	1449	136	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{11}{34}$	$\Phi_{136}^{12}\ \Phi_{68}^{8}\ \Phi_{34}^{10}\ \Phi_{17}^{10}\ \Phi_{8}^{15}\ \Phi_{4}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
98190	1449	850	$\frac{1}{34}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{11}{34}$	$\Phi_{850}^{2}\ \Phi_{425}^{2}\ \Phi_{50}^{2}\ \Phi_{34}^{2}\ \Phi_{25}^{3}\ \Phi_{17}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
98191	1449	362	$\frac{11}{362}$	$\frac{35}{362}$	$\frac{109}{362}$	$\frac{117}{362}$	$\Phi_{362}^{4}\ \Phi_{181}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
98192	1449	1023	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{10}{31}$	$\Phi_{1023}^{2}\ \Phi_{93}^{2}\ \Phi_{33}^{3}\ \Phi_{31}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
98193	1449	208	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{47}{208}$	$\frac{67}{208}$	$\Phi_{208}^{7}\ \Phi_{104}^{7}\ \Phi_{52}^{7}\ \Phi_{26}^{7}\ \Phi_{16}^{7}\ \Phi_{13}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
98194	1449	181	$\frac{7}{181}$	$\frac{20}{181}$	$\frac{41}{181}$	$\frac{58}{181}$	$\Phi_{181}^{8}\ \Phi_{1}^{9}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
98195	1449	484	$\frac{19}{484}$	$\frac{47}{484}$	$\frac{1}{4}$	$\frac{155}{484}$	$\Phi_{484}^{3}\ \Phi_{242}^{3}\ \Phi_{121}^{3}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{11}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
98196	1449	176	$\frac{1}{22}$	$\frac{15}{176}$	$\frac{1}{4}$	$\frac{7}{22}$	$\Phi_{176}^{9}\ \Phi_{88}^{9}\ \Phi_{44}^{5}\ \Phi_{22}^{7}\ \Phi_{16}^{9}\ \Phi_{11}^{7}\ \Phi_{8}^{9}\ \Phi_{4}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
98197	1449	704	$\frac{41}{704}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{221}{704}$	$\Phi_{704}^{2}\ \Phi_{352}^{2}\ \Phi_{176}^{2}\ \Phi_{88}^{2}\ \Phi_{64}^{2}\ \Phi_{44}^{3}\ \Phi_{32}^{2}\ \Phi_{22}^{3}\ \Phi_{16}^{2}\ \Phi_{11}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
98198	1449	80	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{11}{80}$	$\frac{5}{16}$	$\Phi_{80}^{21}\ \Phi_{40}^{21}\ \Phi_{20}^{21}\ \Phi_{16}^{7}\ \Phi_{10}^{21}\ \Phi_{8}^{6}\ \Phi_{5}^{21}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
98199	1449	1170	$\frac{5}{78}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{73}{234}$	$\Phi_{1170}^{2}\ \Phi_{585}^{2}\ \Phi_{234}\ \Phi_{117}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
98200	1449	104	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{8}$	$\frac{4}{13}$	$\Phi_{104}^{16}\ \Phi_{52}^{16}\ \Phi_{26}^{7}\ \Phi_{13}^{9}\ \Phi_{8}^{15}\ \Phi_{4}^{15}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
98201	1449	132	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{132}^{21}\ \Phi_{66}^{10}\ \Phi_{44}^{2}\ \Phi_{33}^{11}\ \Phi_{22}\ \Phi_{12}^{21}\ \Phi_{11}\ \Phi_{6}^{10}\ \Phi_{4}\ \Phi_{3}^{11}\ \Phi_{1}$
98202	1449	1023	$\frac{1}{11}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{10}{33}$	$\Phi_{1023}^{2}\ \Phi_{93}^{2}\ \Phi_{33}^{3}\ \Phi_{31}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
98203	1449	1320	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{10}{33}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}^{2}\ \Phi_{60}^{2}\ \Phi_{40}^{2}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
98204	1449	120	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^{12}\ \Phi_{30}^{12}\ \Phi_{24}^{15}\ \Phi_{20}^{8}\ \Phi_{15}^{12}\ \Phi_{12}^{15}\ \Phi_{10}^{10}\ \Phi_{8}^{15}\ \Phi_{6}^{15}\ \Phi_{5}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{15}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
98205	1449	330	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{330}^{6}\ \Phi_{165}^{6}\ \Phi_{110}^{2}\ \Phi_{66}^{6}\ \Phi_{55}^{2}\ \Phi_{33}^{6}\ \Phi_{30}^{3}\ \Phi_{22}\ \Phi_{15}^{3}\ \Phi_{11}\ \Phi_{10}\ \Phi_{6}^{3}\ \Phi_{5}\ \Phi_{3}^{3}\ \Phi_{1}$
98206	1449	170	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{16}{85}$	$\frac{3}{10}$	$\Phi_{170}^{8}\ \Phi_{85}^{9}\ \Phi_{34}^{8}\ \Phi_{17}^{8}\ \Phi_{10}^{10}\ \Phi_{5}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
98207	1449	192	$\frac{1}{24}$	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{192}^{8}\ \Phi_{96}^{8}\ \Phi_{64}^{7}\ \Phi_{48}^{8}\ \Phi_{32}^{7}\ \Phi_{24}^{7}\ \Phi_{16}^{7}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
98208	1449	181	$\frac{6}{181}$	$\frac{25}{181}$	$\frac{43}{181}$	$\frac{52}{181}$	$\Phi_{181}^{8}\ \Phi_{1}^{9}$
98209	1449	484	$\frac{15}{484}$	$\frac{67}{484}$	$\frac{1}{4}$	$\frac{139}{484}$	$\Phi_{484}^{3}\ \Phi_{242}^{3}\ \Phi_{121}^{3}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{11}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
98210	1449	308	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{308}^{6}\ \Phi_{154}^{4}\ \Phi_{77}^{4}\ \Phi_{44}^{6}\ \Phi_{28}^{3}\ \Phi_{22}^{3}\ \Phi_{14}\ \Phi_{11}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
98211	1449	32	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{9}{32}$	$\Phi_{32}^{42}\ \Phi_{16}^{49}\ \Phi_{8}^{48}\ \Phi_{4}^{48}\ \Phi_{2}^{48}\ \Phi_{1}^{49}$
98212	1449	220	$\frac{1}{44}$	$\frac{43}{220}$	$\frac{1}{4}$	$\frac{59}{220}$	$\Phi_{220}^{6}\ \Phi_{110}^{6}\ \Phi_{55}^{6}\ \Phi_{44}^{9}\ \Phi_{22}^{9}\ \Phi_{20}^{6}\ \Phi_{11}^{9}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
98213	1449	1080	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{17}{72}$	$\frac{55}{216}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{216}\ \Phi_{135}^{2}\ \Phi_{108}\ \Phi_{90}^{2}\ \Phi_{54}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
98214	1449	164	$\frac{3}{164}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{164}^{9}\ \Phi_{82}^{9}\ \Phi_{41}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
98215	1449	640	$\frac{3}{160}$	$\frac{157}{640}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{128}^{3}\ \Phi_{64}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
98216	1449	660	$\frac{4}{165}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{2}\ \Phi_{165}^{3}\ \Phi_{132}^{2}\ \Phi_{110}^{2}\ \Phi_{66}^{2}\ \Phi_{60}^{2}\ \Phi_{55}^{3}\ \Phi_{44}^{2}\ \Phi_{33}^{3}\ \Phi_{30}^{2}\ \Phi_{22}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{11}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
98217	1449	200	$\frac{1}{40}$	$\frac{39}{200}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{200}^{9}\ \Phi_{100}^{9}\ \Phi_{50}^{9}\ \Phi_{25}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
98218	1449	496	$\frac{13}{496}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{496}^{3}\ \Phi_{248}^{3}\ \Phi_{124}^{3}\ \Phi_{62}^{3}\ \Phi_{31}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
98219	1449	192	$\frac{1}{32}$	$\frac{31}{192}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{192}^{9}\ \Phi_{96}^{9}\ \Phi_{64}^{9}\ \Phi_{48}^{9}\ \Phi_{24}^{9}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{2}\ \Phi_{3}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
98220	1449	500	$\frac{17}{500}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{500}^{3}\ \Phi_{250}^{3}\ \Phi_{125}^{3}\ \Phi_{100}^{3}\ \Phi_{50}^{3}\ \Phi_{25}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
98221	1449	80	$\frac{3}{80}$	$\frac{11}{80}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{80}^{18}\ \Phi_{40}^{18}\ \Phi_{20}^{18}\ \Phi_{16}^{18}\ \Phi_{10}^{18}\ \Phi_{8}^{18}\ \Phi_{5}^{18}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
98222	1449	24	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{24}^{63}\ \Phi_{12}^{63}\ \Phi_{8}^{54}\ \Phi_{6}^{63}\ \Phi_{4}^{56}\ \Phi_{3}^{63}\ \Phi_{2}^{56}\ \Phi_{1}^{57}$
98223	1449	180	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{180}^{9}\ \Phi_{90}^{9}\ \Phi_{60}^{9}\ \Phi_{45}^{9}\ \Phi_{36}^{9}\ \Phi_{30}^{9}\ \Phi_{18}^{9}\ \Phi_{15}^{9}\ \Phi_{12}^{9}\ \Phi_{9}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{2}\ \Phi_{3}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
98224	1449	340	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{340}^{4}\ \Phi_{170}^{5}\ \Phi_{85}^{5}\ \Phi_{68}^{4}\ \Phi_{34}^{5}\ \Phi_{17}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
98225	1449	512	$\frac{29}{512}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{512}^{3}\ \Phi_{256}^{3}\ \Phi_{128}^{3}\ \Phi_{64}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
98226	1449	176	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{176}^{9}\ \Phi_{88}^{9}\ \Phi_{44}^{9}\ \Phi_{22}^{9}\ \Phi_{11}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
98227	1449	520	$\frac{37}{520}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{520}^{3}\ \Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{104}^{3}\ \Phi_{65}^{3}\ \Phi_{52}^{3}\ \Phi_{26}^{3}\ \Phi_{13}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
98228	1449	272	$\frac{3}{68}$	$\frac{1}{8}$	$\frac{65}{272}$	$\frac{1}{4}$	$\Phi_{272}^{7}\ \Phi_{136}^{3}\ \Phi_{68}^{4}\ \Phi_{34}^{4}\ \Phi_{17}^{4}\ \Phi_{16}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
98229	1449	176	$\frac{3}{44}$	$\frac{15}{176}$	$\frac{41}{176}$	$\frac{1}{4}$	$\Phi_{176}^{8}\ \Phi_{88}^{8}\ \Phi_{44}^{9}\ \Phi_{22}^{9}\ \Phi_{16}^{8}\ \Phi_{11}^{9}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
98230	1449	88	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{19}{88}$	$\frac{1}{4}$	$\Phi_{88}^{21}\ \Phi_{44}^{9}\ \Phi_{22}^{15}\ \Phi_{11}^{15}\ \Phi_{8}^{21}\ \Phi_{4}^{8}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
98231	1449	240	$\frac{1}{24}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{240}^{8}\ \Phi_{120}^{4}\ \Phi_{80}^{7}\ \Phi_{60}^{4}\ \Phi_{48}^{8}\ \Phi_{40}^{3}\ \Phi_{30}^{4}\ \Phi_{24}^{7}\ \Phi_{20}^{4}\ \Phi_{16}^{7}\ \Phi_{15}^{4}\ \Phi_{12}^{7}\ \Phi_{10}^{4}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
98232	1449	600	$\frac{1}{24}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{600}^{3}\ \Phi_{300}^{3}\ \Phi_{200}^{3}\ \Phi_{150}^{3}\ \Phi_{100}^{2}\ \Phi_{75}^{3}\ \Phi_{50}^{2}\ \Phi_{25}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
98233	1449	680	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{16}{85}$	$\frac{1}{4}$	$\Phi_{680}^{3}\ \Phi_{340}^{2}\ \Phi_{170}^{2}\ \Phi_{85}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
98234	1449	1760	$\frac{3}{44}$	$\frac{41}{352}$	$\frac{311}{1760}$	$\frac{1}{4}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
98235	1449	256	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{49}{256}$	$\frac{15}{64}$	$\Phi_{256}^{7}\ \Phi_{128}^{7}\ \Phi_{16}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
98236	1449	181	$\frac{17}{181}$	$\frac{20}{181}$	$\frac{28}{181}$	$\frac{41}{181}$	$\Phi_{181}^{8}\ \Phi_{1}^{9}$
98237	1449	520	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{12}{65}$	$\frac{53}{260}$	$\Phi_{520}^{3}\ \Phi_{260}^{2}\ \Phi_{130}^{2}\ \Phi_{104}^{4}\ \Phi_{65}^{3}\ \Phi_{52}^{3}\ \Phi_{40}^{3}\ \Phi_{26}^{3}\ \Phi_{20}^{2}\ \Phi_{13}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
98238	1449	425	$\frac{1}{17}$	$\frac{4}{25}$	$\frac{16}{85}$	$\frac{1}{5}$	$\Phi_{425}^{4}\ \Phi_{85}\ \Phi_{25}^{5}\ \Phi_{5}\ \Phi_{1}$
98239	1449	80	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{11}{80}$	$\frac{7}{40}$	$\Phi_{80}^{21}\ \Phi_{40}^{14}\ \Phi_{20}^{14}\ \Phi_{16}^{21}\ \Phi_{10}^{14}\ \Phi_{8}^{20}\ \Phi_{5}^{14}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
98240	1450	1446	$\frac{2}{723}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{721}{1446}$	$\Phi_{1446}^{2}\ \Phi_{482}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98241	1450	2312	$\frac{1}{289}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{144}{289}$	$\Phi_{2312}\ \Phi_{289}\ \Phi_{136}\ \Phi_{17}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
98242	1450	2904	$\frac{1}{242}$	$\frac{243}{968}$	$\frac{1}{3}$	$\frac{241}{484}$	$\Phi_{2904}\ \Phi_{726}\ \Phi_{363}\ \Phi_{264}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{6}$
98243	1450	1242	$\frac{1}{207}$	$\frac{104}{621}$	$\frac{517}{1242}$	$\frac{103}{207}$	$\Phi_{1242}^{2}\ \Phi_{414}^{2}\ \Phi_{207}\ \Phi_{138}^{2}\ \Phi_{69}\ \Phi_{54}^{2}\ \Phi_{46}^{2}\ \Phi_{23}\ \Phi_{18}^{2}\ \Phi_{9}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98244	1450	1442	$\frac{4}{721}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{717}{1442}$	$\Phi_{1442}^{2}\ \Phi_{206}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98245	1450	1288	$\frac{1}{161}$	$\frac{81}{644}$	$\frac{563}{1288}$	$\frac{80}{161}$	$\Phi_{1288}^{2}\ \Phi_{184}^{2}\ \Phi_{161}\ \Phi_{56}^{2}\ \Phi_{23}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
98246	1450	966	$\frac{1}{161}$	$\frac{241}{966}$	$\frac{81}{322}$	$\frac{80}{161}$	$\Phi_{966}^{2}\ \Phi_{483}^{2}\ \Phi_{161}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{42}^{2}\ \Phi_{23}\ \Phi_{21}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
98247	1450	288	$\frac{1}{144}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{143}{288}$	$\Phi_{288}^{10}\ \Phi_{96}^{10}\ \Phi_{32}^{10}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
98248	1450	288	$\frac{1}{144}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{143}{288}$	$\Phi_{288}^{10}\ \Phi_{96}^{10}\ \Phi_{32}^{10}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98249	1450	582	$\frac{1}{97}$	$\frac{1}{6}$	$\frac{49}{194}$	$\frac{48}{97}$	$\Phi_{582}^{3}\ \Phi_{291}^{3}\ \Phi_{194}\ \Phi_{97}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
98250	1450	287	$\frac{3}{287}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{142}{287}$	$\Phi_{287}^{5}\ \Phi_{41}^{5}\ \Phi_{7}^{7}\ \Phi_{1}^{8}$
98251	1450	1431	$\frac{19}{1431}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{706}{1431}$	$\Phi_{1431}\ \Phi_{477}\ \Phi_{159}\ \Phi_{53}\ \Phi_{27}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
98252	1450	858	$\frac{2}{143}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{141}{286}$	$\Phi_{858}^{5}\ \Phi_{78}^{5}\ \Phi_{66}^{5}\ \Phi_{33}\ \Phi_{6}^{5}$
98253	1450	276	$\frac{1}{69}$	$\frac{7}{138}$	$\frac{131}{276}$	$\frac{34}{69}$	$\Phi_{276}^{10}\ \Phi_{92}^{10}\ \Phi_{69}\ \Phi_{23}\ \Phi_{12}^{10}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{1}^{2}$
98254	1450	207	$\frac{1}{69}$	$\frac{7}{69}$	$\frac{62}{207}$	$\frac{34}{69}$	$\Phi_{207}^{10}\ \Phi_{69}\ \Phi_{23}\ \Phi_{9}^{10}\ \Phi_{3}\ \Phi_{1}^{2}$
98255	1450	828	$\frac{1}{69}$	$\frac{103}{828}$	$\frac{35}{138}$	$\frac{34}{69}$	$\Phi_{828}^{2}\ \Phi_{414}^{2}\ \Phi_{276}^{2}\ \Phi_{207}^{2}\ \Phi_{92}^{2}\ \Phi_{69}\ \Phi_{36}^{2}\ \Phi_{23}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
98256	1450	792	$\frac{1}{66}$	$\frac{67}{792}$	$\frac{1}{3}$	$\frac{65}{132}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{2}\ \Phi_{66}^{2}\ \Phi_{36}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98257	1450	1428	$\frac{11}{714}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{703}{1428}$	$\Phi_{1428}^{2}\ \Phi_{476}^{2}\ \Phi_{204}^{2}\ \Phi_{84}^{2}\ \Phi_{68}^{2}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
98258	1450	1428	$\frac{11}{714}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{703}{1428}$	$\Phi_{1428}^{2}\ \Phi_{476}^{2}\ \Phi_{204}^{2}\ \Phi_{84}^{2}\ \Phi_{68}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98259	1450	1386	$\frac{1}{63}$	$\frac{32}{693}$	$\frac{661}{1386}$	$\frac{31}{63}$	$\Phi_{1386}^{2}\ \Phi_{462}^{2}\ \Phi_{198}^{2}\ \Phi_{154}^{2}\ \Phi_{126}^{2}\ \Phi_{66}^{2}\ \Phi_{63}\ \Phi_{42}^{2}\ \Phi_{22}^{2}\ \Phi_{21}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98260	1450	972	$\frac{4}{243}$	$\frac{1}{9}$	$\frac{247}{972}$	$\frac{239}{486}$	$\Phi_{972}^{2}\ \Phi_{324}^{2}\ \Phi_{243}^{2}\ \Phi_{108}^{2}\ \Phi_{81}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
98261	1450	1426	$\frac{12}{713}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{701}{1426}$	$\Phi_{1426}^{2}\ \Phi_{62}^{2}\ \Phi_{46}^{2}\ \Phi_{23}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98262	1450	912	$\frac{1}{57}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{28}{57}$	$\Phi_{912}^{3}\ \Phi_{304}^{3}\ \Phi_{57}\ \Phi_{48}^{4}\ \Phi_{19}\ \Phi_{16}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
98263	1450	513	$\frac{1}{57}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{28}{57}$	$\Phi_{513}^{3}\ \Phi_{171}^{3}\ \Phi_{57}\ \Phi_{27}^{4}\ \Phi_{19}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
98264	1450	684	$\frac{1}{57}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{28}{57}$	$\Phi_{684}^{3}\ \Phi_{342}^{3}\ \Phi_{171}^{3}\ \Phi_{57}\ \Phi_{36}^{4}\ \Phi_{19}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
98265	1450	1596	$\frac{1}{57}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{28}{57}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{133}\ \Phi_{84}\ \Phi_{57}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{19}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
98266	1450	1824	$\frac{1}{57}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{28}{57}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{304}\ \Phi_{96}\ \Phi_{57}\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
98267	1450	114	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{28}{57}$	$\Phi_{114}^{12}\ \Phi_{57}^{13}\ \Phi_{38}^{12}\ \Phi_{19}^{13}\ \Phi_6^{16}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
98268	1450	392	$\frac{1}{49}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{24}{49}$	$\Phi_{392}^7\ \Phi_{56}^8\ \Phi_{49}\ \Phi_8^8\ \Phi_7\ \Phi_1^2$
98269	1450	294	$\frac{1}{49}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{24}{49}$	$\Phi_{294}^7\ \Phi_{147}^7\ \Phi_{49}\ \Phi_{42}^8\ \Phi_{21}^8\ \Phi_7\ \Phi_6^8\ \Phi_3^8\ \Phi_1^2$
98270	1450	1568	$\frac{1}{49}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{24}{49}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{49}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
98271	1450	245	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{24}{49}$	$\Phi_{245}^7\ \Phi_{49}\ \Phi_{35}^8\ \Phi_7\ \Phi_5^8\ \Phi_1^2$
98272	1450	1419	$\frac{31}{1419}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{694}{1419}$	$\Phi_{1419}\ \Phi_{473}\ \Phi_{129}\ \Phi_{43}\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
98273	1450	1449	$\frac{41}{1449}$	$\frac{149}{1449}$	$\frac{260}{1449}$	$\frac{704}{1449}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{161}\ \Phi_{69}\ \Phi_{63}\ \Phi_{23}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
98274	1450	4224	$\frac{21}{704}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{683}{1408}$	$\Phi_{4224}\ \Phi_{384}\ \Phi_{66}\ \Phi_{33}\ \Phi_6$
98275	1450	582	$\frac{3}{97}$	$\frac{10}{97}$	$\frac{1}{6}$	$\frac{47}{97}$	$\Phi_{582}^3\ \Phi_{291}^3\ \Phi_{194}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
98276	1450	1404	$\frac{23}{702}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{679}{1404}$	$\Phi_{1404}^2\ \Phi_{468}^2\ \Phi_{156}^2\ \Phi_{108}^2\ \Phi_{52}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
98277	1450	2184	$\frac{1}{28}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{2184}^2\ \Phi_{312}^2\ \Phi_{168}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_6$
98278	1450	392	$\frac{1}{28}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{27}{56}$	$\Phi_{392}^7\ \Phi_{56}^8\ \Phi_{49}\ \Phi_8^8\ \Phi_7\ \Phi_1^2$
98279	1450	1848	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{27}{56}$	$\Phi_{1848}^2\ \Phi_{616}\ \Phi_{264}^2\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
98280	1450	56	$\frac{1}{28}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{27}{56}$	$\Phi_{56}^{50}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^{50}\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
98281	1450	240	$\frac{1}{30}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{240}^{12}\ \Phi_{80}^{12}\ \Phi_{48}^{10}\ \Phi_{30}^2\ \Phi_{16}^{10}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
98282	1450	912	$\frac{1}{24}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{23}{48}$	$\Phi_{912}^3\ \Phi_{304}^3\ \Phi_{48}^4\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{16}^4\ \Phi_2^2\ \Phi_1^2$
98283	1450	2244	$\frac{23}{748}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{561}\ \Phi_{204}\ \Phi_{102}\ \Phi_{66}\ \Phi_{51}\ \Phi_{33}\ \Phi_6$
98284	1450	1386	$\frac{1}{33}$	$\frac{32}{693}$	$\frac{1}{3}$	$\frac{661}{1386}$	$\Phi_{1386}^2\ \Phi_{462}^2\ \Phi_{198}^2\ \Phi_{154}^2\ \Phi_{126}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
98285	1450	1071	$\frac{11}{357}$	$\frac{1}{21}$	$\frac{346}{1071}$	$\frac{10}{21}$	$\Phi_{1071}^2\ \Phi_{153}^2\ \Phi_{63}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
98286	1450	756	$\frac{31}{756}$	$\frac{1}{21}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
98287	1450	162	$\frac{4}{81}$	$\frac{17}{162}$	$\frac{1}{9}$	$\frac{77}{162}$	$\Phi_{162}^8\ \Phi_{81}^{10}\ \Phi_{54}^8\ \Phi_{27}^{10}\ \Phi_{18}^8\ \Phi_9^9\ \Phi_6^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^{10}$
98288	1450	276	$\frac{1}{23}$	$\frac{7}{138}$	$\frac{11}{46}$	$\frac{131}{276}$	$\Phi_{276}^{10}\ \Phi_{92}^{10}\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{12}^{10}\ \Phi_4^{10}\ \Phi_2^2\ \Phi_1^2$
98289	1450	276	$\frac{7}{138}$	$\frac{4}{69}$	$\frac{13}{69}$	$\frac{131}{276}$	$\Phi_{276}^{10}\ \Phi_{92}^{10}\ \Phi_{69}\ \Phi_{23}\ \Phi_{12}^{10}\ \Phi_4^{10}\ \Phi_3\ \Phi_1^2$
98290	1450	276	$\frac{7}{138}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{131}{276}$	$\Phi_{276}^{10}\ \Phi_{92}^{10}\ \Phi_{23}^3\ \Phi_{12}^{10}\ \Phi_4^{10}\ \Phi_1^4$
98291	1450	1377	$\frac{73}{1377}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{652}{1377}$	$\Phi_{1377}\ \Phi_{459}\ \Phi_{153}\ \Phi_{81}^2\ \Phi_{51}\ \Phi_{27}^2\ \Phi_{17}\ \Phi_9\ \Phi_3\ \Phi_1^2$
98292	1450	784	$\frac{3}{56}$	$\frac{59}{784}$	$\frac{1}{7}$	$\frac{53}{112}$	$\Phi_{784}^2\ \Phi_{392}^2\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{56}^2\ \Phi_{49}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
98293	1450	161	$\frac{9}{161}$	$\frac{16}{161}$	$\frac{17}{161}$	$\frac{76}{161}$	$\Phi_{161}^9\ \Phi_{23}^9\ \Phi_7^9\ \Phi_1^{10}$
98294	1450	510	$\frac{1}{30}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{510}^3\ \Phi_{255}^3\ \Phi_{170}^3\ \Phi_{102}^3\ \Phi_{85}^3\ \Phi_{51}^3\ \Phi_{34}\ \Phi_{30}^2\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
98295	1450	273	$\frac{1}{21}$	$\frac{17}{273}$	$\frac{4}{21}$	$\frac{128}{273}$	$\Phi_{273}^5\ \Phi_{91}^5\ \Phi_{39}^5\ \Phi_{21}^9\ \Phi_{13}^5\ \Phi_7^9\ \Phi_3^9\ \Phi_1^{10}$
98296	1450	273	$\frac{17}{273}$	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{128}{273}$	$\Phi_{273}^5\ \Phi_{91}^6\ \Phi_{39}^5\ \Phi_{21}^5\ \Phi_{13}^6\ \Phi_7^5\ \Phi_3^5\ \Phi_1^6$
98297	1450	882	$\frac{1}{21}$	$\frac{10}{147}$	$\frac{157}{882}$	$\frac{137}{294}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{147}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{49}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
98298	1450	918	$\frac{1}{51}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{918}^3\ \Phi_{306}^3\ \Phi_{102}^3\ \Phi_{54}^2\ \Phi_{51}^2\ \Phi_{34}^3\ \Phi_{18}^2\ \Phi_{17}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
98299	1450	1344	$\frac{3}{56}$	$\frac{53}{672}$	$\frac{1}{7}$	$\frac{619}{1344}$	$\Phi_{1344}^2\ \Phi_{448}^2\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
98300	1450	138	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{11}{69}$	$\frac{21}{46}$	$\Phi_{138}^{23}\ \Phi_{69}^2\ \Phi_{46}^{12}\ \Phi_{23}\ \Phi_6^{23}\ \Phi_3^2\ \Phi_2^{12}\ \Phi_1^2$
98301	1450	168	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{23}{168}$	$\frac{19}{42}$	$\Phi_{168}^{10}\ \Phi_{84}^{10}\ \Phi_{56}^{10}\ \Phi_{28}^{10}\ \Phi_{24}^{10}\ \Phi_{21}^9\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_7^9\ \Phi_4^{10}\ \Phi_3^9\ \Phi_1^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
98302	1450	1323	$\frac{1}{63}$	$\frac{127}{1323}$	$\frac{62}{189}$	$\frac{598}{1323}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{189}^2\ \Phi_{147}\ \Phi_{63}\ \Phi_{49}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
98303	1450	1323	$\frac{1}{21}$	$\frac{127}{1323}$	$\frac{20}{147}$	$\frac{598}{1323}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{189}\ \Phi_{147}^2\ \Phi_{63}\ \Phi_{49}^2\ \Phi_{27}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
98304	1450	264	$\frac{1}{66}$	$\frac{13}{132}$	$\frac{1}{3}$	$\frac{119}{264}$	$\Phi_{264}^{10}\ \Phi_{88}^{10}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{24}^{10}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
98305	1450	2040	$\frac{1}{51}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{170}\ \Phi_{136}\ \Phi_{120}\ \Phi_{102}\ \Phi_{85}\ \Phi_{34}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
98306	1450	441	$\frac{2}{147}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{441}^3\ \Phi_{147}^4\ \Phi_{63}^3\ \Phi_{49}^4\ \Phi_{21}^4\ \Phi_9\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
98307	1450	216	$\frac{1}{72}$	$\frac{1}{9}$	$\frac{71}{216}$	$\frac{4}{9}$	$\Phi_{216}^{10}\ \Phi_{108}^{10}\ \Phi_{54}^{10}\ \Phi_{27}^{10}\ \Phi_9\ \Phi_3\ \Phi_1^2$
98308	1450	738	$\frac{13}{738}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{738}^2\ \Phi_{369}^2\ \Phi_{246}^2\ \Phi_{123}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
98309	1450	1332	$\frac{3}{148}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1332}\ \Phi_{666}\ \Phi_{444}\ \Phi_{333}\ \Phi_{222}\ \Phi_{148}^2\ \Phi_{111}\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
98310	1450	576	$\frac{1}{48}$	$\frac{1}{9}$	$\frac{47}{192}$	$\frac{4}{9}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^4\ \Phi_{96}^4\ \Phi_{64}^4\ \Phi_{32}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
98311	1450	36	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{7}{36}$	$\frac{4}{9}$	$\Phi_{36}^{40}\ \Phi_{18}^{40}\ \Phi_{12}^{40}\ \Phi_9^{41}\ \Phi_6^{40}\ \Phi_4^{40}\ \Phi_3^{41}\ \Phi_2^{40}\ \Phi_1^{42}$
98312	1450	90	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{90}^{15}\ \Phi_{45}^{15}\ \Phi_{30}^{20}\ \Phi_{18}^{12}\ \Phi_{15}^{20}\ \Phi_{10}^{20}\ \Phi_9^{13}\ \Phi_6^{16}\ \Phi_5^{20}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
98313	1450	864	$\frac{5}{144}$	$\frac{1}{9}$	$\frac{139}{864}$	$\frac{4}{9}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{54}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
98314	1450	756	$\frac{31}{756}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
98315	1450	504	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{23}{168}$	$\frac{4}{9}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^4\ \Phi_{126}^3\ \Phi_{84}^4\ \Phi_{63}^3\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_9\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
98316	1450	1368	$\frac{7}{152}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{152}^2\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
98317	1450	153	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{153}^{10}\ \Phi_{51}^{10}\ \Phi_{17}^{10}\ \Phi_9\ \Phi_3\ \Phi_1^2$
98318	1450	162	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{162}^{10}\ \Phi_{81}^{10}\ \Phi_{54}^{10}\ \Phi_{27}^{10}\ \Phi_9\ \Phi_3\ \Phi_1^2$
98319	1450	288	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{288}^5\ \Phi_{144}^4\ \Phi_{96}^5\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{32}^{10}\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{16}^8\ \Phi_{12}^4\ \Phi_9^5\ \Phi_8^8\ \Phi_6^4\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^{10}$
98320	1450	792	$\frac{5}{72}$	$\frac{67}{792}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
98321	1450	468	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{156}^4\ \Phi_{117}^3\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
98322	1450	1296	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{77}{648}$	$\frac{571}{1296}$	$\Phi_{1296}^2\ \Phi_{432}^2\ \Phi_{144}^2\ \Phi_{81}^2\ \Phi_{48}^2\ \Phi_{27}^2\ \Phi_{16}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
98323	1450	1008	$\frac{1}{63}$	$\frac{31}{252}$	$\frac{283}{1008}$	$\frac{221}{504}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
98324	1450	1288	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{81}{644}$	$\frac{563}{1288}$	$\Phi_{1288}^2\ \Phi_{184}^2\ \Phi_{92}^2\ \Phi_{56}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
98325	1450	1274	$\frac{3}{91}$	$\frac{88}{637}$	$\frac{1}{7}$	$\frac{549}{1274}$	$\Phi_{1274}^2\ \Phi_{182}^2\ \Phi_{98}^2\ \Phi_{91}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
98326	1450	147	$\frac{2}{147}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{147}^{10}\ \Phi_{49}^{10}\ \Phi_{21}^{10}\ \Phi_7^7\ \Phi_3^{10}\ \Phi_1^8$
98327	1450	756	$\frac{31}{756}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
98328	1450	252	$\frac{1}{63}$	$\frac{19}{126}$	$\frac{31}{126}$	$\frac{107}{252}$	$\Phi_{252}^{10}\ \Phi_{126}^2\ \Phi_{84}^{10}\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{36}^{10}\ \Phi_{28}^{10}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^{10}\ \Phi_9\ \Phi_7\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
98329	1450	252	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{19}{126}$	$\frac{107}{252}$	$\Phi_{252}^{10}\ \Phi_{84}^{10}\ \Phi_{36}^{10}\ \Phi_{28}^{10}\ \Phi_{21}^9\ \Phi_{12}^{10}\ \Phi_7^9\ \Phi_4^{10}\ \Phi_3^9\ \Phi_1^{10}$
98330	1450	2550	$\frac{1}{51}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{2550}\ \Phi_{850}\ \Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{150}\ \Phi_{102}\ \Phi_{85}\ \Phi_{34}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
98331	1450	1449	$\frac{29}{1449}$	$\frac{233}{1449}$	$\frac{284}{1449}$	$\frac{608}{1449}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{161}\ \Phi_{69}\ \Phi_{63}\ \Phi_{23}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
98332	1450	732	$\frac{7}{732}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{732}^2\ \Phi_{366}^2\ \Phi_{244}^2\ \Phi_{183}^2\ \Phi_{122}^2\ \Phi_{61}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
98333	1450	612	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{153}^3\ \Phi_{102}^3\ \Phi_{51}^2\ \Phi_{36}^2\ \Phi_{34}^3\ \Phi_{18}^2\ \Phi_{17}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
98334	1450	510	$\frac{1}{30}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{510}^3\ \Phi_{255}^3\ \Phi_{170}^3\ \Phi_{102}^3\ \Phi_{85}^3\ \Phi_{51}^3\ \Phi_{34}^3\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
98335	1450	126	$\frac{1}{21}$	$\frac{5}{63}$	$\frac{4}{21}$	$\frac{17}{42}$	$\Phi_{126}^{21}\ \Phi_{63}^{4}\ \Phi_{42}^{16}\ \Phi_{21}^{3}\ \Phi_{18}^{21}\ \Phi_{14}^{16}\ \Phi_{9}^{4}\ \Phi_{7}^{3}\ \Phi_{6}^{16}\ \Phi_{3}^{3}\ \Phi_{2}^{16}\ \Phi_{1}^{4}$
98336	1450	161	$\frac{6}{161}$	$\frac{16}{161}$	$\frac{31}{161}$	$\frac{65}{161}$	$\Phi_{161}^{9}\ \Phi_{23}^{9}\ \Phi_{7}^{9}\ \Phi_{1}^{10}$
98337	1450	243	$\frac{8}{243}$	$\frac{1}{9}$	$\frac{47}{243}$	$\frac{98}{243}$	$\Phi_{243}^{6}\ \Phi_{81}^{6}\ \Phi_{27}^{6}\ \Phi_{9}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
98338	1450	1449	$\frac{44}{1449}$	$\frac{173}{1449}$	$\frac{281}{1449}$	$\frac{584}{1449}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{161}\ \Phi_{69}\ \Phi_{63}\ \Phi_{23}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
98339	1450	582	$\frac{2}{97}$	$\frac{1}{6}$	$\frac{19}{97}$	$\frac{39}{97}$	$\Phi_{582}^{3}\ \Phi_{291}^{3}\ \Phi_{194}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
98340	1450	207	$\frac{2}{207}$	$\frac{41}{207}$	$\frac{62}{207}$	$\frac{83}{207}$	$\Phi_{207}^{7}\ \Phi_{69}^{7}\ \Phi_{23}^{7}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
98341	1450	726	$\frac{1}{121}$	$\frac{24}{121}$	$\frac{1}{3}$	$\frac{97}{242}$	$\Phi_{726}^{5}\ \Phi_{363}\ \Phi_{66}^{5}\ \Phi_{33}\ \Phi_{6}^{5}$
98342	1450	816	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{816}^{3}\ \Phi_{272}^{3}\ \Phi_{102}^{3}\ \Phi_{51}^{2}\ \Phi_{48}^{2}\ \Phi_{34}^{3}\ \Phi_{17}^{2}\ \Phi_{16}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98343	1450	1176	$\frac{1}{21}$	$\frac{10}{147}$	$\frac{137}{588}$	$\frac{451}{1176}$	$\Phi_{1176}^{2}\ \Phi_{392}^{2}\ \Phi_{168}^{2}\ \Phi_{147}^{2}\ \Phi_{56}^{2}\ \Phi_{49}^{2}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
98344	1450	1752	$\frac{1}{146}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1752}^{2}\ \Phi_{438}\ \Phi_{219}\ \Phi_{24}\ \Phi_{6}$
98345	1450	2312	$\frac{4}{289}$	$\frac{57}{289}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2312}\ \Phi_{289}\ \Phi_{136}\ \Phi_{17}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
98346	1450	1416	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1416}^{2}\ \Phi_{472}\ \Phi_{354}\ \Phi_{177}\ \Phi_{118}$
98347	1450	2312	$\frac{9}{289}$	$\frac{28}{289}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2312}\ \Phi_{289}\ \Phi_{136}\ \Phi_{17}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
98348	1450	1320	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1320}^{2}\ \Phi_{440}^{2}\ \Phi_{330}\ \Phi_{264}^{2}\ \Phi_{165}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}$
98349	1450	1224	$\frac{8}{153}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1224}^{2}\ \Phi_{408}^{2}\ \Phi_{153}^{2}\ \Phi_{136}\ \Phi_{72}^{2}\ \Phi_{51}^{2}\ \Phi_{24}^{2}\ \Phi_{17}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
98350	1450	1134	$\frac{1}{63}$	$\frac{31}{189}$	$\frac{158}{567}$	$\frac{409}{1134}$	$\Phi_{1134}^{2}\ \Phi_{378}^{2}\ \Phi_{189}^{2}\ \Phi_{162}^{2}\ \Phi_{126}^{2}\ \Phi_{63}\ \Phi_{54}^{2}\ \Phi_{42}^{2}\ \Phi_{27}^{2}\ \Phi_{21}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98351	1450	1104	$\frac{1}{23}$	$\frac{11}{184}$	$\frac{173}{552}$	$\frac{379}{1104}$	$\Phi_{1104}^{2}\ \Phi_{368}^{2}\ \Phi_{184}^{2}\ \Phi_{92}^{2}\ \Phi_{48}^{2}\ \Phi_{46}^{2}\ \Phi_{23}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98352	1450	1092	$\frac{3}{182}$	$\frac{1}{7}$	$\frac{179}{546}$	$\frac{367}{1092}$	$\Phi_{1092}^{2}\ \Phi_{364}^{2}\ \Phi_{182}^{2}\ \Phi_{156}^{2}\ \Phi_{91}^{2}\ \Phi_{84}^{2}\ \Phi_{52}^{2}\ \Phi_{28}^{2}\ \Phi_{26}^{2}\ \Phi_{14}^{2}\ \Phi_{13}^{2}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98353	1450	1089	$\frac{2}{363}$	$\frac{361}{1089}$	$\frac{1}{3}$	$\frac{364}{1089}$	$\Phi_{1089}\ \Phi_{363}^{2}\ \Phi_{121}^{2}\ \Phi_{99}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
98354	1450	294	$\frac{2}{147}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{294}^{6}\ \Phi_{147}^{4}\ \Phi_{98}^{6}\ \Phi_{49}^{4}\ \Phi_{42}^{6}\ \Phi_{21}^{4}\ \Phi_{14}^{6}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98355	1450	270	$\frac{1}{30}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{270}^{6}\ \Phi_{135}^{6}\ \Phi_{90}^{6}\ \Phi_{54}^{6}\ \Phi_{45}^{6}\ \Phi_{30}^{2}\ \Phi_{27}^{4}\ \Phi_{18}^{6}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98356	1450	216	$\frac{1}{72}$	$\frac{1}{6}$	$\frac{71}{216}$	$\frac{1}{3}$	$\Phi_{216}^{10}\ \Phi_{108}^{10}\ \Phi_{54}^{10}\ \Phi_{27}^{10}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98357	1450	792	$\frac{1}{33}$	$\frac{67}{792}$	$\frac{32}{99}$	$\frac{1}{3}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{36}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98358	1450	513	$\frac{2}{57}$	$\frac{2}{27}$	$\frac{55}{171}$	$\frac{1}{3}$	$\Phi_{513}^{3}\ \Phi_{171}^{2}\ \Phi_{57}^{3}\ \Phi_{27}^{4}\ \Phi_{19}^{3}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
98359	1450	1056	$\frac{1}{22}$	$\frac{21}{352}$	$\frac{331}{1056}$	$\frac{1}{3}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}^{2}\ \Phi_{264}\ \Phi_{176}^{2}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}^{2}\ \Phi_{66}^{2}\ \Phi_{48}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{32}^{2}\ \Phi_{24}\ \Phi_{22}^{2}\ \Phi_{16}^{2}\ \Phi_{12}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98360	1450	546	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{546}^{2}\ \Phi_{273}^{2}\ \Phi_{182}^{4}\ \Phi_{91}^{4}\ \Phi_{78}^{3}\ \Phi_{42}\ \Phi_{39}^{3}\ \Phi_{26}^{4}\ \Phi_{21}\ \Phi_{14}^{2}\ \Phi_{13}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98361	1450	180	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{45}^{12}\ \Phi_{36}^{10}\ \Phi_{30}^{2}\ \Phi_{18}^{10}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{10}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98362	1450	738	$\frac{13}{738}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{738}^{2}\ \Phi_{369}^{2}\ \Phi_{246}^{2}\ \Phi_{123}^{2}\ \Phi_{82}^{2}\ \Phi_{41}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98363	1450	198	$\frac{1}{66}$	$\frac{13}{66}$	$\frac{53}{198}$	$\frac{1}{3}$	$\Phi_{198}^{10}\ \Phi_{99}^{10}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{10}\ \Phi_{11}^{2}\ \Phi_{9}^{10}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98364	1450	444	$\frac{3}{148}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{444}^{3}\ \Phi_{222}^{3}\ \Phi_{148}^{4}\ \Phi_{111}^{3}\ \Phi_{74}^{4}\ \Phi_{37}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98365	1450	420	$\frac{1}{30}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{3}\ \Phi_{70}^{4}\ \Phi_{42}^{3}\ \Phi_{35}^{4}\ \Phi_{30}^{2}\ \Phi_{28}^{4}\ \Phi_{21}^{3}\ \Phi_{15}^{2}\ \Phi_{14}^{4}\ \Phi_{10}^{2}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98366	1450	1248	$\frac{1}{26}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1248}^{2}\ \Phi_{624}^{2}\ \Phi_{312}^{2}\ \Phi_{96}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{6}$
98367	1450	192	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{47}{192}$	$\frac{1}{3}$	$\Phi_{192}^{10}\ \Phi_{96}^{10}\ \Phi_{64}^{10}\ \Phi_{32}^{10}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98368	1450	792	$\frac{1}{22}$	$\frac{67}{792}$	$\frac{21}{88}$	$\frac{1}{3}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}\ \Phi_{198}^{2}\ \Phi_{132}\ \Phi_{99}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{36}^{2}\ \Phi_{33}^{2}\ \Phi_{24}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98369	1450	1026	$\frac{1}{19}$	$\frac{2}{27}$	$\frac{9}{38}$	$\frac{1}{3}$	$\Phi_{1026}^{2}\ \Phi_{513}\ \Phi_{342}^{2}\ \Phi_{171}\ \Phi_{54}^{2}\ \Phi_{38}^{2}\ \Phi_{27}^{2}\ \Phi_{19}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
98370	1450	612	$\frac{1}{51}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{612}^{3}\ \Phi_{306}^{3}\ \Phi_{204}^{3}\ \Phi_{102}^{3}\ \Phi_{68}^{3}\ \Phi_{51}^{2}\ \Phi_{36}^{2}\ \Phi_{34}^{3}\ \Phi_{18}^{2}\ \Phi_{17}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98371	1450	594	$\frac{7}{297}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{594}^{3}\ \Phi_{297}^{2}\ \Phi_{198}^{3}\ \Phi_{99}^{2}\ \Phi_{66}^{3}\ \Phi_{54}^{3}\ \Phi_{33}^{2}\ \Phi_{27}^{2}\ \Phi_{22}^{3}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98372	1450	480	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{4}\ \Phi_{96}^{3}\ \Phi_{80}^{4}\ \Phi_{48}^{3}\ \Phi_{32}^{4}\ \Phi_{30}^{2}\ \Phi_{16}^{4}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98373	1450	924	$\frac{1}{33}$	$\frac{32}{231}$	$\frac{199}{924}$	$\frac{1}{3}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{154}^{2}\ \Phi_{132}^{2}\ \Phi_{84}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{42}^{2}\ \Phi_{33}^{2}\ \Phi_{28}^{2}\ \Phi_{22}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98374	1450	744	$\frac{19}{744}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{744}^{2}\ \Phi_{372}^{2}\ \Phi_{248}^{2}\ \Phi_{186}^{2}\ \Phi_{124}^{2}\ \Phi_{93}^{2}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98375	1450	36	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{1}{3}$	$\Phi_{36}^{40}\ \Phi_{18}^{40}\ \Phi_{12}^{40}\ \Phi_{9}^{40}\ \Phi_{6}^{42}\ \Phi_{4}^{40}\ \Phi_{3}^{41}\ \Phi_{2}^{42}\ \Phi_{1}^{42}$
98376	1450	726	$\frac{7}{242}$	$\frac{39}{242}$	$\frac{47}{242}$	$\frac{1}{3}$	$\Phi_{726}^{3}\ \Phi_{363}^{3}\ \Phi_{66}^{3}\ \Phi_{33}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
98377	1450	462	$\frac{9}{154}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{462}^{5}\ \Phi_{231}^{5}\ \Phi_{66}^{5}\ \Phi_{42}^{5}\ \Phi_{33}\ \Phi_{21}^{5}\ \Phi_{6}^{5}$
98378	1450	528	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{31}{176}$	$\frac{1}{3}$	$\Phi_{528}^{4}\ \Phi_{264}^{4}\ \Phi_{132}^{4}\ \Phi_{66}^{5}\ \Phi_{48}^{4}\ \Phi_{33}^{5}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
98379	1450	2730	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{390}\ \Phi_{210}\ \Phi_{195}\ \Phi_{78}\ \Phi_{39}\ \Phi_{30}\ \Phi_{6}$
98380	1450	30	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{30}^{50}\ \Phi_{15}^{50}\ \Phi_{10}^{50}\ \Phi_{6}^{42}\ \Phi_{5}^{50}\ \Phi_{3}^{41}\ \Phi_{2}^{42}\ \Phi_{1}^{42}$
98381	1450	864	$\frac{5}{144}$	$\frac{139}{864}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{864}^{2}\ \Phi_{432}^{2}\ \Phi_{288}^{2}\ \Phi_{216}^{2}\ \Phi_{108}^{2}\ \Phi_{96}^{2}\ \Phi_{54}^{2}\ \Phi_{32}^{2}\ \Phi_{27}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98382	1450	756	$\frac{31}{756}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{756}^{2}\ \Phi_{378}^{2}\ \Phi_{252}^{2}\ \Phi_{189}^{2}\ \Phi_{126}^{2}\ \Phi_{108}^{2}\ \Phi_{84}^{2}\ \Phi_{63}^{2}\ \Phi_{54}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{27}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98383	1450	168	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{168}^{10}\ \Phi_{84}^{10}\ \Phi_{56}^{10}\ \Phi_{42}^{10}\ \Phi_{28}^{10}\ \Phi_{21}^{10}\ \Phi_{14}^{10}\ \Phi_{7}^{10}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98384	1450	456	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{456}^{3}\ \Phi_{228}^{3}\ \Phi_{152}^{4}\ \Phi_{114}^{3}\ \Phi_{76}^{4}\ \Phi_{57}^{3}\ \Phi_{38}^{4}\ \Phi_{19}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98385	1450	306	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{306}^{6}\ \Phi_{153}^{4}\ \Phi_{102}^{6}\ \Phi_{51}^{4}\ \Phi_{34}^{6}\ \Phi_{17}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98386	1450	162	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{162}^{10}\ \Phi_{81}^{10}\ \Phi_{54}^{10}\ \Phi_{27}^{10}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98387	1450	768	$\frac{43}{768}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{768}^{2}\ \Phi_{384}^{2}\ \Phi_{256}^{2}\ \Phi_{192}^{2}\ \Phi_{128}^{2}\ \Phi_{96}^{2}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98388	1450	96	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{96}^{15}\ \Phi_{48}^{12}\ \Phi_{32}^{20}\ \Phi_{24}^{12}\ \Phi_{16}^{16}\ \Phi_{12}^{12}\ \Phi_{8}^{16}\ \Phi_{6}^{14}\ \Phi_{4}^{16}\ \Phi_{3}^{13}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
98389	1450	792	$\frac{5}{72}$	$\frac{67}{792}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{99}^{2}\ \Phi_{88}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98390	1450	156	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{156}^{10}\ \Phi_{78}^{10}\ \Phi_{52}^{10}\ \Phi_{39}^{10}\ \Phi_{26}^{10}\ \Phi_{13}^{10}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98391	1450	858	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{133}{858}$	$\frac{1}{3}$	$\Phi_{858}^{2}\ \Phi_{429}\ \Phi_{286}^{2}\ \Phi_{143}^{2}\ \Phi_{78}^{2}\ \Phi_{66}^{2}\ \Phi_{39}\ \Phi_{33}^{2}\ \Phi_{26}^{2}\ \Phi_{22}^{2}\ \Phi_{13}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98392	1450	168	$\frac{3}{56}$	$\frac{23}{168}$	$\frac{1}{7}$	$\frac{53}{168}$	$\Phi_{168}^{8}\ \Phi_{84}^{8}\ \Phi_{56}^{10}\ \Phi_{42}^{8}\ \Phi_{28}^{10}\ \Phi_{24}^{8}\ \Phi_{21}^{8}\ \Phi_{14}^{10}\ \Phi_{12}^{8}\ \Phi_{8}^{10}\ \Phi_{7}^{9}\ \Phi_{6}^{8}\ \Phi_{4}^{10}\ \Phi_{3}^{8}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
98393	1450	1053	$\frac{23}{351}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{328}{1053}$	$\Phi_{1053}^{2}\ \Phi_{81}^{2}\ \Phi_{27}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
98394	1450	819	$\frac{6}{91}$	$\frac{94}{819}$	$\frac{1}{7}$	$\frac{85}{273}$	$\Phi_{819}^{2}\ \Phi_{273}\ \Phi_{117}^{2}\ \Phi_{91}^{2}\ \Phi_{63}^{2}\ \Phi_{39}\ \Phi_{21}\ \Phi_{13}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
98395	1450	294	$\frac{1}{14}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{13}{42}$	$\Phi_{294}^{7}\ \Phi_{147}^{7}\ \Phi_{49}\ \Phi_{42}^{8}\ \Phi_{21}^{8}\ \Phi_{7}\ \Phi_{6}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{2}$
98396	1450	462	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{13}{42}$	$\Phi_{462}^{3}\ \Phi_{231}^{3}\ \Phi_{154}^{4}\ \Phi_{77}^{4}\ \Phi_{66}^{4}\ \Phi_{33}^{4}\ \Phi_{22}^{5}\ \Phi_{11}^{4}$
98397	1450	84	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{13}{42}$	$\Phi_{84}^{28}\ \Phi_{42}^{22}\ \Phi_{28}^{2}\ \Phi_{21}^{22}\ \Phi_{14}^{2}\ \Phi_{12}^{28}\ \Phi_{7}\ \Phi_{6}^{22}\ \Phi_{4}^{2}\ \Phi_{3}^{22}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98398	1450	684	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{9}{38}$	$\frac{11}{36}$	$\Phi_{684}^{3}\ \Phi_{342}^{3}\ \Phi_{171}^{3}\ \Phi_{38}^{2}\ \Phi_{36}^{4}\ \Phi_{19}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
98399	1450	161	$\frac{2}{23}$	$\frac{16}{161}$	$\frac{3}{23}$	$\frac{7}{23}$	$\Phi_{161}^{10}\ \Phi_{23}^{3}\ \Phi_{7}^{10}\ \Phi_{1}^{4}$
98400	1450	189	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{44}{189}$	$\frac{19}{63}$	$\Phi_{189}^{10}\ \Phi_{27}^{10}\ \Phi_{21}^{9}\ \Phi_{7}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
98401	1450	207	$\frac{4}{69}$	$\frac{7}{69}$	$\frac{13}{69}$	$\frac{62}{207}$	$\Phi_{207}^{10}\ \Phi_{69}\ \Phi_{23}\ \Phi_{9}^{10}\ \Phi_{3}\ \Phi_{1}^{2}$
98402	1450	207	$\frac{2}{23}$	$\frac{7}{69}$	$\frac{3}{23}$	$\frac{62}{207}$	$\Phi_{207}^{10}\ \Phi_{23}^{3}\ \Phi_{9}^{10}\ \Phi_{1}^{4}$
98403	1450	882	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{157}{882}$	$\frac{127}{441}$	$\Phi_{882}^{2}\ \Phi_{441}\ \Phi_{294}^{2}\ \Phi_{147}^{2}\ \Phi_{126}^{2}\ \Phi_{98}^{2}\ \Phi_{63}\ \Phi_{49}^{2}\ \Phi_{42}^{2}\ \Phi_{21}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
98404	1450	252	$\frac{5}{63}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{252}^7\ \Phi_{126}^7\ \Phi_{84}^7\ \Phi_{63}^4\ \Phi_{42}^7\ \Phi_{36}^7\ \Phi_{28}^2\ \Phi_{21}^4\ \Phi_{18}^7\ \Phi_{14}^2\ \Phi_{12}^7\ \Phi_9^4\ \Phi_7\ \Phi_6^7\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^2$
98405	1450	1008	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{53}{336}$	$\frac{283}{1008}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{252}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
98406	1450	756	$\frac{31}{756}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
98407	1450	972	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{77}{324}$	$\frac{247}{972}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{243}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
98408	1450	828	$\frac{1}{23}$	$\frac{103}{828}$	$\frac{11}{46}$	$\frac{35}{138}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}^2\ \Phi_{207}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{36}^2\ \Phi_{23}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
98409	1450	532	$\frac{1}{19}$	$\frac{3}{28}$	$\frac{9}{38}$	$\frac{1}{4}$	$\Phi_{532}^3\ \Phi_{266}^3\ \Phi_{133}^3\ \Phi_{38}^2\ \Phi_{28}^4\ \Phi_{19}\ \Phi_{14}^4\ \Phi_7^4\ \Phi_2^2\ \Phi_1^2$
98410	1450	1568	$\frac{4}{49}$	$\frac{3}{32}$	$\frac{9}{49}$	$\frac{1}{4}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{49}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
98411	1450	1056	$\frac{1}{11}$	$\frac{3}{32}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}\ \Phi_{264}^2\ \Phi_{176}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
98412	1450	224	$\frac{3}{32}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{224}^7\ \Phi_{112}^7\ \Phi_{56}^7\ \Phi_{32}^8\ \Phi_{28}^2\ \Phi_{16}^8\ \Phi_{14}^2\ \Phi_8^8\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
98413	1450	184	$\frac{1}{23}$	$\frac{7}{46}$	$\frac{39}{184}$	$\frac{11}{46}$	$\Phi_{184}^{10}\ \Phi_{92}^{10}\ \Phi_{46}^2\ \Phi_{23}\ \Phi_8^{10}\ \Phi_4^{10}\ \Phi_2^2\ \Phi_1^2$
98414	1450	952	$\frac{11}{238}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{227}{952}$	$\Phi_{952}^2\ \Phi_{476}^2\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
98415	1450	608	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{9}{38}$	$\Phi_{608}^3\ \Phi_{304}^3\ \Phi_{38}^2\ \Phi_{32}^4\ \Phi_{19}\ \Phi_{16}^4\ \Phi_2^2\ \Phi_1^2$
98416	1450	114	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{9}{38}$	$\Phi_{114}^{12}\ \Phi_{57}^{12}\ \Phi_{38}^{14}\ \Phi_{19}^{13}\ \Phi_6^{16}\ \Phi_3^{16}\ \Phi_2^{18}\ \Phi_1^{18}$
98417	1450	896	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{171}{896}$	$\frac{53}{224}$	$\Phi_{896}^2\ \Phi_{448}^2\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
98418	1450	161	$\frac{16}{161}$	$\frac{17}{161}$	$\frac{25}{161}$	$\frac{36}{161}$	$\Phi_{161}^9\ \Phi_{23}^9\ \Phi_7^9\ \Phi_1^{10}$
98419	1450	184	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{7}{46}$	$\frac{39}{184}$	$\Phi_{184}^{10}\ \Phi_{92}^{10}\ \Phi_{23}^3\ \Phi_8^{10}\ \Phi_4^{10}\ \Phi_1^4$
98420	1450	182	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{17}{91}$	$\frac{37}{182}$	$\Phi_{182}^{10}\ \Phi_{91}^6\ \Phi_{26}^{10}\ \Phi_{14}^{10}\ \Phi_{13}^6\ \Phi_7^5\ \Phi_2^{10}\ \Phi_1^6$
98421	1450	69	$\frac{4}{69}$	$\frac{11}{69}$	$\frac{13}{69}$	$\frac{14}{69}$	$\Phi_{69}^{21}\ \Phi_{23}^{21}\ \Phi_3^{21}\ \Phi_1^{22}$
98422	1450	245	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{9}{49}$	$\Phi_{245}^7\ \Phi_{49}\ \Phi_{35}^8\ \Phi_7\ \Phi_5^8\ \Phi_1^2$
98423	1450	168	$\frac{3}{28}$	$\frac{23}{168}$	$\frac{1}{7}$	$\frac{5}{28}$	$\Phi_{168}^{10}\ \Phi_{84}^{10}\ \Phi_{56}^{10}\ \Phi_{42}^{10}\ \Phi_{28}^2\ \Phi_{24}^{10}\ \Phi_{21}^{10}\ \Phi_{14}^2\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_7\ \Phi_6^{10}\ \Phi_4^2\ \Phi_3^{10}\ \Phi_2^2\ \Phi_1^2$
98424	1450	2310	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{35}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
98425	1450	140	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{140}^{14}\ \Phi_{70}^{14}\ \Phi_{35}^8\ \Phi_{28}^2\ \Phi_{20}^{14}\ \Phi_{14}^2\ \Phi_{10}^{14}\ \Phi_7\ \Phi_5^8\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
98426	1451	2320	$\frac{1}{290}$	$\frac{291}{1160}$	$\frac{869}{2320}$	$\frac{289}{580}$	$\Phi_{2320}\ \Phi_{580}\ \Phi_{464}\ \Phi_{116}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
98427	1451	2880	$\frac{11}{1440}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1429}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{20}\ \Phi_4\ \Phi_1$
98428	1451	2880	$\frac{11}{1440}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1429}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{15}\ \Phi_3\ \Phi_1$
98429	1451	1940	$\frac{4}{485}$	$\frac{1}{5}$	$\frac{489}{1940}$	$\frac{481}{970}$	$\Phi_{1940}\ \Phi_{485}\ \Phi_{388}\ \Phi_{97}\ \Phi_{20}\ \Phi_4\ \Phi_1$
98430	1451	2784	$\frac{1}{58}$	$\frac{59}{1392}$	$\frac{1333}{2784}$	$\frac{57}{116}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{116}\ \Phi_{96}\ \Phi_{32}\ \Phi_4\ \Phi_1$
98431	1451	2088	$\frac{1}{58}$	$\frac{59}{696}$	$\frac{637}{2088}$	$\frac{57}{116}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{522}\ \Phi_{261}\ \Phi_{116}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
98432	1451	1624	$\frac{1}{58}$	$\frac{173}{1624}$	$\frac{59}{232}$	$\frac{57}{116}$	$\Phi_{1624}\ \Phi_{812}\ \Phi_{406}\ \Phi_{203}\ \Phi_{116}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
98433	1451	1856	$\frac{1}{58}$	$\frac{59}{464}$	$\frac{405}{1856}$	$\frac{57}{116}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{116}\ \Phi_{64}\ \Phi_{32}\ \Phi_4\ \Phi_1$
98434	1451	1740	$\frac{1}{58}$	$\frac{289}{1740}$	$\frac{59}{348}$	$\frac{57}{116}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{290}\ \Phi_{145}\ \Phi_{116}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
98435	1451	2800	$\frac{1}{50}$	$\frac{51}{1400}$	$\frac{1349}{2800}$	$\frac{49}{100}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{112}\ \Phi_{100}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
98436	1451	2100	$\frac{1}{50}$	$\frac{51}{700}$	$\frac{649}{2100}$	$\frac{49}{100}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
98437	1451	1600	$\frac{1}{50}$	$\frac{149}{1600}$	$\frac{51}{200}$	$\frac{49}{100}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
98438	1451	2784	$\frac{1}{29}$	$\frac{59}{1392}$	$\frac{28}{87}$	$\frac{1333}{2784}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{96}\ \Phi_{87}\ \Phi_{32}\ \Phi_3\ \Phi_1$
98439	1451	1972	$\frac{1}{29}$	$\frac{28}{493}$	$\frac{521}{1972}$	$\frac{465}{986}$	$\Phi_{1972}\ \Phi_{493}\ \Phi_{116}\ \Phi_{68}\ \Phi_{17}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
98440	1451	2700	$\frac{1}{50}$	$\frac{101}{1350}$	$\frac{49}{150}$	$\frac{1249}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{180}\ \Phi_{150}\ \Phi_{108}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
98441	1451	2000	$\frac{1}{50}$	$\frac{49}{500}$	$\frac{549}{2000}$	$\frac{451}{1000}$	$\Phi_{2000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{125}\ \Phi_{100}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
98442	1451	2160	$\frac{11}{720}$	$\frac{1}{10}$	$\frac{709}{2160}$	$\frac{9}{20}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
98443	1451	1480	$\frac{29}{1480}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1480}\ \Phi_{740}\ \Phi_{370}\ \Phi_{296}\ \Phi_{185}\ \Phi_{148}\ \Phi_{74}\ \Phi_{37}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
98444	1451	1920	$\frac{11}{480}$	$\frac{1}{10}$	$\frac{469}{1920}$	$\frac{9}{20}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
98445	1451	1800	$\frac{11}{360}$	$\frac{1}{10}$	$\frac{349}{1800}$	$\frac{9}{20}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
98446	1451	1500	$\frac{49}{1500}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}\ \Phi_{250}\ \Phi_{150}\ \Phi_{125}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
98447	1451	1520	$\frac{69}{1520}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{304}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{4}\ \Phi_{1}$
98448	1451	1680	$\frac{11}{240}$	$\frac{1}{10}$	$\frac{229}{1680}$	$\frac{9}{20}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
98449	1451	1620	$\frac{11}{180}$	$\frac{1}{10}$	$\frac{169}{1620}$	$\frac{9}{20}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
98450	1451	1600	$\frac{11}{160}$	$\frac{149}{1600}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
98451	1451	1560	$\frac{109}{1560}$	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
98452	1451	2500	$\frac{1}{50}$	$\frac{201}{1250}$	$\frac{49}{250}$	$\frac{1049}{2500}$	$\Phi_{2500}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{100}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
98453	1451	1800	$\frac{1}{50}$	$\frac{49}{300}$	$\frac{349}{1800}$	$\frac{251}{600}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
98454	1451	2400	$\frac{1}{50}$	$\frac{49}{300}$	$\frac{251}{1200}$	$\frac{949}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{300}\ \Phi_{160}\ \Phi_{150}\ \Phi_{100}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
98455	1451	1470	$\frac{19}{1470}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{294}\ \Phi_{245}\ \Phi_{210}\ \Phi_{147}\ \Phi_{105}\ \Phi_{98}\ \Phi_{70}\ \Phi_{49}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
98456	1451	1566	$\frac{1}{29}$	$\frac{115}{1566}$	$\frac{28}{87}$	$\frac{59}{174}$	$\Phi_{1566}\ \Phi_{783}\ \Phi_{522}\ \Phi_{261}\ \Phi_{87}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
98457	1451	2160	$\frac{11}{720}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{709}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
98458	1451	1800	$\frac{1}{50}$	$\frac{349}{1800}$	$\frac{101}{450}$	$\frac{49}{150}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
98459	1451	2088	$\frac{1}{29}$	$\frac{59}{696}$	$\frac{637}{2088}$	$\frac{28}{87}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{522}\ \Phi_{261}\ \Phi_{87}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
98460	1451	1740	$\frac{1}{29}$	$\frac{289}{1740}$	$\frac{59}{348}$	$\frac{28}{87}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{290}\ \Phi_{145}\ \Phi_{87}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
98461	1451	1485	$\frac{34}{1485}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}\ \Phi_{99}\ \Phi_{55}\ \Phi_{33}\ \Phi_{27}\ \Phi_{15}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}$
98462	1451	1920	$\frac{11}{480}$	$\frac{1}{5}$	$\frac{469}{1920}$	$\frac{4}{15}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
98463	1451	1800	$\frac{11}{360}$	$\frac{349}{1800}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
98464	1451	1500	$\frac{49}{1500}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}\ \Phi_{250}\ \Phi_{150}\ \Phi_{125}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
98465	1451	1680	$\frac{11}{240}$	$\frac{229}{1680}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
98466	1451	1530	$\frac{79}{1530}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}\ \Phi_{255}\ \Phi_{170}\ \Phi_{153}\ \Phi_{102}\ \Phi_{85}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
98467	1451	1620	$\frac{11}{180}$	$\frac{169}{1620}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
98468	1451	1560	$\frac{109}{1560}$	$\frac{11}{120}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}$
98469	1452	2172	$\frac{1}{362}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{361}{724}$	$\Phi_{2172}\ \Phi_{724}^2\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
98470	1452	1205	$\frac{1}{241}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{120}{241}$	$\Phi_{1205}\ \Phi_{241}^2\ \Phi_5^2\ \Phi_1^4$
98471	1452	2892	$\frac{1}{241}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{120}{241}$	$\Phi_{2892}\ \Phi_{1446}\ \Phi_{12}^2\ \Phi_6^2$
98472	1452	1451	$\frac{7}{1451}$	$\frac{243}{1451}$	$\frac{604}{1451}$	$\frac{722}{1451}$	$\Phi_{1451}\ \Phi_1^2$
98473	1452	1940	$\frac{3}{485}$	$\frac{1}{4}$	$\frac{122}{485}$	$\frac{241}{485}$	$\Phi_{1940}\ \Phi_{970}\ \Phi_{388}\ \Phi_{194}\ \Phi_{20}\ \Phi_{10}$
98474	1452	1451	$\frac{9}{1451}$	$\frac{362}{1451}$	$\frac{365}{1451}$	$\frac{721}{1451}$	$\Phi_{1451}\ \Phi_1^2$
98475	1452	2181	$\frac{5}{727}$	$\frac{122}{727}$	$\frac{1}{3}$	$\frac{361}{727}$	Φ_{2181}
98476	1452	2620	$\frac{1}{131}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{65}{131}$	$\Phi_{2620}\ \Phi_{524}\ \Phi_{131}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
98477	1452	1965	$\frac{1}{131}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{65}{131}$	$\Phi_{1965}\ \Phi_{393}\ \Phi_{131}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
98478	1452	2640	$\frac{1}{120}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{119}{240}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}^2\ \Phi_{176}\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_1^2$
98479	1452	1680	$\frac{1}{120}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{119}{240}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{112}^2\ \Phi_{21}$
98480	1452	2640	$\frac{1}{120}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{119}{240}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}^2\ \Phi_{176}\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_1^2$
98481	1452	240	$\frac{1}{120}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{119}{240}$	$\Phi_{240}^{12}\ \Phi_{80}^{12}\ \Phi_{48}^{12}\ \Phi_{20}\ \Phi_{16}^{12}\ \Phi_{10}$
98482	1452	1164	$\frac{1}{97}$	$\frac{49}{291}$	$\frac{1}{4}$	$\frac{48}{97}$	$\Phi_{1164}^2\ \Phi_{582}^2\ \Phi_{388}\ \Phi_{194}\ \Phi_{12}^2\ \Phi_6^2$
98483	1452	1134	$\frac{1}{81}$	$\frac{1}{7}$	$\frac{41}{162}$	$\frac{40}{81}$	$\Phi_{1134}^2\ \Phi_{567}\ \Phi_{378}^2\ \Phi_{189}\ \Phi_{126}^2\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{14}^2$
98484	1452	1365	$\frac{1}{65}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{32}{65}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
98485	1452	780	$\frac{1}{65}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{32}{65}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
98486	1452	910	$\frac{1}{65}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{32}{65}$	$\Phi_{910}^2\ \Phi_{455}\ \Phi_{182}^2\ \Phi_{130}^2\ \Phi_{91}\ \Phi_{70}^2\ \Phi_{65}^2\ \Phi_{35}\ \Phi_{26}^2\ \Phi_{14}^4\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_2^4\ \Phi_1^4$
98487	1452	1451	$\frac{23}{1451}$	$\frac{67}{1451}$	$\frac{692}{1451}$	$\frac{714}{1451}$	$\Phi_{1451}\ \Phi_1^2$
98488	1452	1190	$\frac{2}{119}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{117}{238}$	$\Phi_{1190}^3\ \Phi_{170}^3\ \Phi_{70}^3\ \Phi_{35}\ \Phi_{10}^3$
98489	1452	2080	$\frac{1}{52}$	$\frac{53}{416}$	$\frac{1}{5}$	$\frac{51}{104}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{260}\ \Phi_{160}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{20}\ \Phi_{10}$
98490	1452	1596	$\frac{3}{133}$	$\frac{1}{12}$	$\frac{34}{133}$	$\frac{65}{133}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{228}\ \Phi_{114}\ \Phi_{84}\ \Phi_{76}\ \Phi_{57}\ \Phi_{42}\ \Phi_{38}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
98491	1452	2752	$\frac{1}{43}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{21}{43}$	$\Phi_{2752}\ \Phi_{64}^2\ \Phi_{43}\ \Phi_1^2$
98492	1452	688	$\frac{1}{43}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{21}{43}$	$\Phi_{688}^2\ \Phi_{344}^2\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{43}^3\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
98493	1452	516	$\frac{1}{43}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{21}{43}$	$\Phi_{516}^3\ \Phi_{258}^3\ \Phi_{172}^2\ \Phi_{129}^3\ \Phi_{86}^2\ \Phi_{43}^3\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
98494	1452	1720	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{21}{43}$	$\Phi_{1720}\ \Phi_{860}\ \Phi_{430}\ \Phi_{215}\ \Phi_{43}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
98495	1452	1451	$\frac{41}{1451}$	$\frac{98}{1451}$	$\frac{373}{1451}$	$\frac{705}{1451}$	$\Phi_{1451}\ \Phi_1^2$
98496	1452	2181	$\frac{21}{727}$	$\frac{34}{727}$	$\frac{1}{3}$	$\frac{353}{727}$	Φ_{2181}
98497	1452	1451	$\frac{45}{1451}$	$\frac{68}{1451}$	$\frac{461}{1451}$	$\frac{703}{1451}$	$\Phi_{1451}\ \Phi_1^2$
98498	1452	4416	$\frac{1}{32}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{4416}\ \Phi_{69}$
98499	1452	2752	$\frac{1}{32}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{31}{64}$	$\Phi_{2752}\ \Phi_{64}^2\ \Phi_{43}\ \Phi_1^2$
98500	1452	960	$\frac{1}{32}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{31}{64}$	$\Phi_{960}^4\ \Phi_{320}^3\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
98501	1452	1170	$\frac{4}{117}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{113}{234}$	$\Phi_{1170}^3\ \Phi_{390}^3\ \Phi_{130}^3\ \Phi_{90}^3\ \Phi_{65}\ \Phi_{30}^3\ \Phi_{10}^3$
98502	1452	1638	$\frac{4}{117}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{113}{234}$	$\Phi_{1638}^2\ \Phi_{546}^2\ \Phi_{182}^2\ \Phi_{126}^2\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{14}^2$
98503	1452	1960	$\frac{1}{28}$	$\frac{29}{392}$	$\frac{1}{5}$	$\frac{27}{56}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{245}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
98504	1452	945	$\frac{1}{27}$	$\frac{14}{135}$	$\frac{1}{7}$	$\frac{13}{27}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}\ \Phi_{105}^2\ \Phi_{63}\ \Phi_{35}^2\ \Phi_{21}$
98505	1452	700	$\frac{13}{350}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{337}{700}$	$\Phi_{700}^4\ \Phi_{140}^4\ \Phi_{100}^4\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{10}\ \Phi_4^4$
98506	1452	1596	$\frac{5}{133}$	$\frac{1}{12}$	$\frac{23}{133}$	$\frac{64}{133}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{228}\ \Phi_{114}\ \Phi_{84}\ \Phi_{76}\ \Phi_{57}\ \Phi_{42}\ \Phi_{38}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
98507	1452	1451	$\frac{61}{1451}$	$\frac{109}{1451}$	$\frac{252}{1451}$	$\frac{695}{1451}$	$\Phi_{1451}\ \Phi_1^2$
98508	1452	1940	$\frac{21}{485}$	$\frac{23}{485}$	$\frac{1}{4}$	$\frac{232}{485}$	$\Phi_{1940}\ \Phi_{970}\ \Phi_{388}\ \Phi_{194}\ \Phi_{20}\ \Phi_{10}$
98509	1452	714	$\frac{1}{34}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{42}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_6^3\ \Phi_2^2$
98510	1452	1365	$\frac{2}{65}$	$\frac{1}{21}$	$\frac{21}{65}$	$\frac{10}{21}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
98511	1452	1932	$\frac{1}{23}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{322}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{46}^2$
98512	1452	105	$\frac{1}{21}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{105}^{13}\ \Phi_{35}^{15}\ \Phi_{21}^{14}\ \Phi_{15}^{13}\ \Phi_7^{16}\ \Phi_5^{14}\ \Phi_3^{14}\ \Phi_1^{16}$
98513	1452	273	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{10}{21}$	$\Phi_{273}^5\ \Phi_{91}^5\ \Phi_{39}^5\ \Phi_{21}^6\ \Phi_{13}^{10}\ \Phi_7^6\ \Phi_3^6\ \Phi_1^{12}$
98514	1452	84	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{10}{21}$	$\Phi_{84}^{19}\ \Phi_{42}^{19}\ \Phi_{28}^{19}\ \Phi_{21}^{13}\ \Phi_{14}^{19}\ \Phi_{12}^{18}\ \Phi_7^{12}\ \Phi_6^{18}\ \Phi_4^{18}\ \Phi_3^{12}\ \Phi_2^{18}\ \Phi_1^{12}$
98515	1452	228	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{5}{38}$	$\frac{9}{19}$	$\Phi_{228}^7\ \Phi_{114}^7\ \Phi_{76}^7\ \Phi_{57}^7\ \Phi_{38}^3\ \Phi_{19}^4\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^2\ \Phi_1^4$
98516	1452	1451	$\frac{35}{1451}$	$\frac{89}{1451}$	$\frac{472}{1451}$	$\frac{681}{1451}$	$\Phi_{1451}\ \Phi_1^2$
98517	1452	510	$\frac{1}{34}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{510}^3\ \Phi_{255}^3\ \Phi_{170}^3\ \Phi_{102}^3\ \Phi_{85}^3\ \Phi_{51}^3\ \Phi_{34}^2\ \Phi_{30}^3\ \Phi_{17}^2\ \Phi_{10}^3\ \Phi_6^3\ \Phi_2^2$
98518	1452	3380	$\frac{1}{26}$	$\frac{25}{338}$	$\frac{1}{5}$	$\frac{313}{676}$	$\Phi_{3380}\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{20}\ \Phi_{10}$
98519	1452	1541	$\frac{1}{23}$	$\frac{5}{67}$	$\frac{12}{67}$	$\frac{31}{67}$	Φ_{1541}
98520	1452	1451	$\frac{71}{1451}$	$\frac{111}{1451}$	$\frac{230}{1451}$	$\frac{670}{1451}$	$\Phi_{1451}\ \Phi_1^2$
98521	1452	1120	$\frac{1}{28}$	$\frac{9}{112}$	$\frac{1}{5}$	$\frac{103}{224}$	$\Phi_{1120}^3\ \Phi_{160}^3\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
98522	1452	1596	$\frac{11}{133}$	$\frac{1}{12}$	$\frac{12}{133}$	$\frac{61}{133}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{228}\ \Phi_{114}\ \Phi_{84}\ \Phi_{76}\ \Phi_{57}\ \Phi_{42}\ \Phi_{38}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
98523	1452	1451	$\frac{120}{1451}$	$\frac{121}{1451}$	$\frac{131}{1451}$	$\frac{665}{1451}$	$\Phi_{1451}\ \Phi_1^2$
98524	1452	567	$\frac{4}{81}$	$\frac{7}{81}$	$\frac{1}{7}$	$\frac{37}{81}$	$\Phi_{567}^3\ \Phi_{189}^3\ \Phi_{63}^3\ \Phi_{21}^3\ \Phi_7^2$
98525	1452	1451	$\frac{54}{1451}$	$\frac{127}{1451}$	$\frac{263}{1451}$	$\frac{662}{1451}$	$\Phi_{1451}\ \Phi_1^2$
98526	1452	1940	$\frac{12}{485}$	$\frac{43}{485}$	$\frac{1}{4}$	$\frac{221}{485}$	$\Phi_{1940}\ \Phi_{970}\ \Phi_{388}\ \Phi_{194}\ \Phi_{20}\ \Phi_{10}$
98527	1452	1451	$\frac{32}{1451}$	$\frac{129}{1451}$	$\frac{395}{1451}$	$\frac{661}{1451}$	$\Phi_{1451}\ \Phi_1^2$
98528	1452	2181	$\frac{12}{727}$	$\frac{65}{727}$	$\frac{1}{3}$	$\frac{331}{727}$	Φ_{2181}
98529	1452	1353	$\frac{2}{123}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1353}\ \Phi_{451}\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_{11}\ \Phi_1^2$
98530	1452	1980	$\frac{1}{60}$	$\frac{1}{11}$	$\frac{59}{180}$	$\frac{5}{11}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{198}\ \Phi_{180}^2\ \Phi_{99}\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
98531	1452	1364	$\frac{3}{124}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{1364}\ \Phi_{682}\ \Phi_{341}\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{11}\ \Phi_1^2$
98532	1452	1760	$\frac{1}{40}$	$\frac{1}{11}$	$\frac{39}{160}$	$\frac{5}{11}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_1^2$
98533	1452	1375	$\frac{4}{125}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{1375}\ \Phi_{275}\ \Phi_{125}^2\ \Phi_{25}^2\ \Phi_{11}\ \Phi_1^2$
98534	1452	1650	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{29}{150}$	$\frac{5}{11}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{275}\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{11}\ \Phi_1^2$
98535	1452	1386	$\frac{5}{126}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{198}\ \Phi_{154}\ \Phi_{126}^2\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_7^2\ \Phi_1^2$
98536	1452	1584	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{23}{144}$	$\frac{5}{11}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}^2\ \Phi_{99}\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
98537	1452	1540	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{19}{140}$	$\frac{5}{11}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{154}\ \Phi_{140}^2\ \Phi_{77}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_1^2$
98538	1452	1408	$\frac{7}{128}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_1^2$
98539	1452	1485	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{14}{135}$	$\frac{5}{11}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{135}^2\ \Phi_{99}\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
98540	1452	1430	$\frac{9}{130}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{11}$	$\Phi_{1430}\ \Phi_{715}\ \Phi_{286}\ \Phi_{143}\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{11}\ \Phi_1^2$
98541	1452	132	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{132}^{10}\ \Phi_{66}^{10}\ \Phi_{44}^{10}\ \Phi_{33}^{10}\ \Phi_{22}^{10}\ \Phi_{12}^{20}\ \Phi_{11}^{11}\ \Phi_6^{20}\ \Phi_4^{20}\ \Phi_3^{20}\ \Phi_2^{20}\ \Phi_1^{22}$
98542	1452	4020	$\frac{1}{67}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{4020}\ \Phi_{804}\ \Phi_{201}$
98543	1452	2620	$\frac{2}{131}$	$\frac{1}{10}$	$\frac{43}{131}$	$\frac{9}{20}$	$\Phi_{2620}\ \Phi_{524}\ \Phi_{131}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
98544	1452	180	$\frac{1}{45}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{180}^{6}\ \Phi_{90}^{11}\ \Phi_{60}^{6}\ \Phi_{45}^{10}\ \Phi_{36}^{6}\ \Phi_{30}^{11}\ \Phi_{20}^{5}\ \Phi_{18}^{11}\ \Phi_{15}^{10}\ \Phi_{12}^{6}\ \Phi_{10}^{9}\ \Phi_{9}^{10}\ \Phi_{6}^{11}\ \Phi_{5}^{8}\ \Phi_{4}^{4}\ \Phi_{3}^{10}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
98545	1452	2620	$\frac{3}{131}$	$\frac{1}{10}$	$\frac{32}{131}$	$\frac{9}{20}$	$\Phi_{2620}\ \Phi_{524}\ \Phi_{131}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
98546	1452	340	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{340}^{8}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}^{8}\ \Phi_{20}^{4}\ \Phi_{10}\ \Phi_{4}^{4}$
98547	1452	2620	$\frac{5}{131}$	$\frac{1}{10}$	$\frac{21}{131}$	$\frac{9}{20}$	$\Phi_{2620}\ \Phi_{524}\ \Phi_{131}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
98548	1452	3220	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{3220}\ \Phi_{644}\ \Phi_{161}$
98549	1452	2620	$\frac{10}{131}$	$\frac{11}{131}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{2620}\ \Phi_{524}\ \Phi_{131}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
98550	1452	780	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}\ \Phi_{195}^{2}\ \Phi_{156}^{3}\ \Phi_{130}^{2}\ \Phi_{78}^{3}\ \Phi_{65}^{2}\ \Phi_{52}^{2}\ \Phi_{39}^{3}\ \Phi_{26}^{3}\ \Phi_{13}^{2}$
98551	1452	918	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{918}^{2}\ \Phi_{459}^{2}\ \Phi_{306}\ \Phi_{153}\ \Phi_{102}\ \Phi_{54}^{2}\ \Phi_{51}\ \Phi_{18}\ \Phi_{6}$
98552	1452	126	$\frac{5}{126}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{126}^{12}\ \Phi_{63}^{11}\ \Phi_{42}^{12}\ \Phi_{21}^{11}\ \Phi_{18}^{12}\ \Phi_{14}^{12}\ \Phi_{9}^{12}\ \Phi_{7}^{10}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
98553	1452	1512	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{1}{7}$	$\frac{95}{216}$	$\Phi_{1512}^{2}\ \Phi_{504}^{2}\ \Phi_{189}\ \Phi_{168}^{2}\ \Phi_{63}\ \Phi_{56}^{2}\ \Phi_{21}$
98554	1452	420	$\frac{2}{35}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{3}\ \Phi_{70}^{4}\ \Phi_{60}^{4}\ \Phi_{42}^{3}\ \Phi_{30}^{4}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
98555	1452	1451	$\frac{76}{1451}$	$\frac{125}{1451}$	$\frac{221}{1451}$	$\frac{615}{1451}$	$\Phi_{1451}\ \Phi_{1}^{2}$
98556	1452	228	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{3}{19}$	$\frac{8}{19}$	$\Phi_{228}^{7}\ \Phi_{114}^{7}\ \Phi_{76}^{7}\ \Phi_{57}^{7}\ \Phi_{38}^{7}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}$
98557	1452	1040	$\frac{1}{52}$	$\frac{17}{104}$	$\frac{1}{5}$	$\frac{87}{208}$	$\Phi_{1040}^{3}\ \Phi_{260}\ \Phi_{130}\ \Phi_{80}^{3}\ \Phi_{65}\ \Phi_{20}\ \Phi_{10}$
98558	1452	1830	$\frac{1}{122}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1830}\ \Phi_{915}\ \Phi_{366}^{2}\ \Phi_{183}^{2}\ \Phi_{30}\ \Phi_{6}^{2}$
98559	1452	980	$\frac{3}{245}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{980}^{2}\ \Phi_{490}^{2}\ \Phi_{196}^{2}\ \Phi_{140}^{2}\ \Phi_{98}^{2}\ \Phi_{70}^{2}\ \Phi_{28}^{2}\ \Phi_{20}\ \Phi_{14}^{2}\ \Phi_{10}$
98560	1452	850	$\frac{1}{34}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{850}^{2}\ \Phi_{425}^{2}\ \Phi_{170}\ \Phi_{85}\ \Phi_{50}^{2}\ \Phi_{10}$
98561	1452	1205	$\frac{10}{241}$	$\frac{21}{241}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1205}\ \Phi_{241}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
98562	1452	1380	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}^{2}\ \Phi_{230}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{69}^{2}\ \Phi_{46}^{2}$
98563	1452	2394	$\frac{1}{133}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{2394}\ \Phi_{798}\ \Phi_{399}\ \Phi_{342}\ \Phi_{266}\ \Phi_{126}\ \Phi_{114}\ \Phi_{57}\ \Phi_{42}\ \Phi_{38}\ \Phi_{21}\ \Phi_{14}$
98564	1452	306	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{306}^{5}\ \Phi_{153}^{5}\ \Phi_{102}^{5}\ \Phi_{51}^{5}\ \Phi_{34}^{4}\ \Phi_{18}\ \Phi_{17}^{4}\ \Phi_{9}^{4}\ \Phi_{6}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
98565	1452	1586	$\frac{1}{122}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1586}\ \Phi_{793}\ \Phi_{26}$
98566	1452	388	$\frac{1}{97}$	$\frac{24}{97}$	$\frac{1}{4}$	$\frac{73}{194}$	$\Phi_{388}^{5}\ \Phi_{194}\ \Phi_{97}^{4}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
98567	1452	2128	$\frac{1}{133}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{2128}\ \Phi_{532}\ \Phi_{304}\ \Phi_{266}\ \Phi_{112}\ \Phi_{76}\ \Phi_{38}\ \Phi_{28}\ \Phi_{14}$
98568	1452	1840	$\frac{5}{368}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{115}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
98569	1452	1451	$\frac{43}{1451}$	$\frac{128}{1451}$	$\frac{441}{1451}$	$\frac{505}{1451}$	$\Phi_{1451}\ \Phi_{1}^{2}$
98570	1452	1541	$\frac{1}{23}$	$\frac{4}{67}$	$\frac{21}{67}$	$\frac{23}{67}$	Φ_{1541}
98571	1452	1451	$\frac{62}{1451}$	$\frac{87}{1451}$	$\frac{463}{1451}$	$\frac{494}{1451}$	$\Phi_{1451}\ \Phi_{1}^{2}$
98572	1452	1596	$\frac{4}{133}$	$\frac{1}{12}$	$\frac{43}{133}$	$\frac{45}{133}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{228}\ \Phi_{114}\ \Phi_{84}\ \Phi_{76}\ \Phi_{57}\ \Phi_{42}\ \Phi_{38}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
98573	1452	910	$\frac{1}{91}$	$\frac{1}{5}$	$\frac{30}{91}$	$\frac{61}{182}$	$\Phi_{910}^{3}\ \Phi_{455}\ \Phi_{130}^{3}\ \Phi_{70}^{3}\ \Phi_{65}\ \Phi_{35}\ \Phi_{10}^{3}$
98574	1452	1451	$\frac{8}{1451}$	$\frac{481}{1451}$	$\frac{483}{1451}$	$\frac{485}{1451}$	$\Phi_{1451}\ \Phi_{1}^{2}$
98575	1452	2181	$\frac{4}{727}$	$\frac{241}{727}$	$\frac{1}{3}$	$\frac{243}{727}$	Φ_{2181}
98576	1452	543	$\frac{1}{181}$	$\frac{60}{181}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{543}^{2}\ \Phi_{181}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
98577	1452	732	$\frac{1}{122}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{732}^{2}\ \Phi_{366}\ \Phi_{244}^{4}\ \Phi_{183}\ \Phi_{122}^{2}\ \Phi_{61}^{2}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
98578	1452	861	$\frac{2}{123}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{861}^{2}\ \Phi_{287}^{2}\ \Phi_{21}$
98579	1452	543	$\frac{5}{181}$	$\frac{16}{181}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{543}^{2}\ \Phi_{181}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
98580	1452	204	$\frac{1}{34}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{204}^{8}\ \Phi_{102}^{7}\ \Phi_{68}^{8}\ \Phi_{51}^{7}\ \Phi_{34}^{6}\ \Phi_{17}^{6}\ \Phi_{12}^{4}\ \Phi_{6}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
98581	1452	1260	$\frac{1}{60}$	$\frac{1}{7}$	$\frac{59}{180}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{21}$
98582	1452	780	$\frac{2}{65}$	$\frac{1}{12}$	$\frac{21}{65}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}$ $\Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
98583	1452	2181	$\frac{31}{727}$	$\frac{45}{727}$	$\frac{232}{727}$	$\frac{1}{3}$	Φ_{2181}
98584	1452	1104	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{1104}^2\ \Phi_{552}^2\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{69}^3$
98585	1452	2181	$\frac{23}{727}$	$\frac{64}{727}$	$\frac{221}{727}$	$\frac{1}{3}$	Φ_{2181}
98586	1452	2142	$\frac{1}{34}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{306}\ \Phi_{153}\ \Phi_{126}\ \Phi_{102}\ \Phi_{51}\ \Phi_{18}\ \Phi_6$
98587	1452	1353	$\frac{2}{123}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{1353}\ \Phi_{451}\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_{11}\ \Phi_1^2$
98588	1452	1005	$\frac{1}{67}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{1005}\ \Phi_{335}^2\ \Phi_{201}^2\ \Phi_{67}^2$
98589	1452	2460	$\frac{2}{123}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{820}\ \Phi_{410}\ \Phi_{20}\ \Phi_{10}$
98590	1452	2604	$\frac{3}{124}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2604}\ \Phi_{1302}\ \Phi_{651}\ \Phi_{21}$
98591	1452	2892	$\frac{10}{241}$	$\frac{21}{241}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2892}\ \Phi_{1446}\ \Phi_{12}^2\ \Phi_6^2$
98592	1452	276	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{276}^5\ \Phi_{138}^5\ \Phi_{92}^6\ \Phi_{69}^6\ \Phi_{46}^6\ \Phi_{23}^6$
98593	1452	3360	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{39}{160}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{672}\ \Phi_{336}\ \Phi_{21}$
98594	1452	714	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{714}^3\ \Phi_{357}^3\ \Phi_{102}^4\ \Phi_{51}^4\ \Phi_{42}\ \Phi_{21}^2\ \Phi_6^2\ \Phi_3^2$
98595	1452	2625	$\frac{4}{125}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2625}\ \Phi_{525}\ \Phi_{21}$
98596	1452	420	$\frac{2}{35}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^2\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^2\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^2\ \Phi_{28}^4\ \Phi_{21}^2$ $\Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_7^4\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
98597	1452	1050	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{29}{150}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{21}$
98598	1452	2760	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{69}$
98599	1452	126	$\frac{5}{126}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{126}^{12}\ \Phi_{63}^{12}\ \Phi_{42}^{10}\ \Phi_{21}^{11}\ \Phi_{18}^{12}\ \Phi_{14}^{10}\ \Phi_9^{12}\ \Phi_7^{10}\ \Phi_6^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
98600	1452	1008	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{23}{144}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{63}^2\ \Phi_{21}$
98601	1452	156	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{2}{13}$	$\frac{1}{3}$	$\Phi_{156}^{10}\ \Phi_{78}^{10}\ \Phi_{52}^{10}\ \Phi_{39}^5\ \Phi_{26}^{10}\ \Phi_{13}^{10}\ \Phi_{12}^{12}\ \Phi_6^{12}\ \Phi_4^{12}\ \Phi_3^6\ \Phi_2^{12}\ \Phi_1^{12}$
98602	1452	2181	$\frac{56}{727}$	$\frac{61}{727}$	$\frac{111}{727}$	$\frac{1}{3}$	Φ_{2181}
98603	1452	420	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{105}^5\ \Phi_{84}^5\ \Phi_{60}^6\ \Phi_{42}^5\ \Phi_{30}^6\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^6$
98604	1452	1785	$\frac{13}{255}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{119}\ \Phi_{21}$
98605	1452	2688	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{21}$
98606	1452	945	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{63}^2\ \Phi_{21}$
98607	1452	2730	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{273}\ \Phi_{21}$
98608	1452	84	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{84}^{20}\ \Phi_{42}^{20}\ \Phi_{28}^{20}\ \Phi_{21}^{21}\ \Phi_{14}^{20}\ \Phi_7^{20}$
98609	1452	1965	$\frac{2}{131}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{43}{131}$	$\Phi_{1965}\ \Phi_{393}\ \Phi_{131}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
98610	1452	1980	$\frac{1}{60}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{59}{180}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{198}\ \Phi_{180}^2\ \Phi_{99}\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{18}^2$ $\Phi_{11}\ \Phi_9^2\ \Phi_1^2$
98611	1452	180	$\frac{1}{60}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{59}{180}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{45}^{12}\ \Phi_{36}^{12}\ \Phi_{20}\ \Phi_{18}^{12}\ \Phi_{10}\ \Phi_9^{12}$
98612	1452	780	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{35}{156}$	$\frac{17}{52}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{260}\ \Phi_{195}^3\ \Phi_{130}\ \Phi_{65}\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}\ \Phi_{15}^3\ \Phi_{10}$
98613	1452	910	$\frac{2}{65}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{21}{65}$	$\Phi_{910}^2\ \Phi_{455}\ \Phi_{182}^2\ \Phi_{130}^2\ \Phi_{91}\ \Phi_{70}^2\ \Phi_{65}^2\ \Phi_{35}\ \Phi_{26}^2\ \Phi_{14}^4\ \Phi_{13}^2\ \Phi_{10}^2$ $\Phi_7^2\ \Phi_5^2\ \Phi_2^4\ \Phi_1^4$
98614	1452	140	$\frac{1}{28}$	$\frac{19}{140}$	$\frac{1}{5}$	$\frac{9}{28}$	$\Phi_{140}^{10}\ \Phi_{70}^{10}\ \Phi_{35}^{10}\ \Phi_{28}^{12}\ \Phi_{20}^{10}\ \Phi_{14}^{12}\ \Phi_{10}^{10}\ \Phi_7^{12}\ \Phi_5^9\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
98615	1452	228	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{13}{57}$	$\frac{6}{19}$	$\Phi_{228}^7\ \Phi_{114}^7\ \Phi_{76}^7\ \Phi_{57}^4\ \Phi_{38}^7\ \Phi_{19}^6\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
98616	1452	688	$\frac{1}{16}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{5}{16}$	$\Phi_{688}^2\ \Phi_{344}^2\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{43}^3\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
98617	1452	240	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{5}{16}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{80}^6\ \Phi_{60}^9\ \Phi_{40}^6\ \Phi_{30}^9\ \Phi_{20}^7\ \Phi_{15}^9\ \Phi_{10}^7\ \Phi_5^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
98618	1452	2457	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{109}{351}$	$\Phi_{2457}\ \Phi_{189}\ \Phi_{63}\ \Phi_{21}$
98619	1452	1451	$\frac{91}{1451}$	$\frac{101}{1451}$	$\frac{340}{1451}$	$\frac{450}{1451}$	$\Phi_{1451}\ \Phi_{1}^{2}$
98620	1452	1596	$\frac{10}{133}$	$\frac{1}{12}$	$\frac{23}{133}$	$\frac{41}{133}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{228}\ \Phi_{114}\ \Phi_{84}\ \Phi_{76}\ \Phi_{57}\ \Phi_{42}\ \Phi_{38}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
98621	1452	130	$\frac{9}{130}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{130}^{12}\ \Phi_{65}^{10}\ \Phi_{26}^{12}\ \Phi_{13}^{12}\ \Phi_{10}^{12}\ \Phi_{5}^{9}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
98622	1452	1451	$\frac{109}{1451}$	$\frac{122}{1451}$	$\frac{252}{1451}$	$\frac{443}{1451}$	$\Phi_{1451}\ \Phi_{1}^{2}$
98623	1452	1820	$\frac{23}{364}$	$\frac{31}{364}$	$\frac{1}{5}$	$\frac{111}{364}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{260}\ \Phi_{140}\ \Phi_{130}\ \Phi_{70}\ \Phi_{65}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
98624	1452	252	$\frac{1}{12}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{63}$	$\Phi_{252}^{9}\ \Phi_{126}^{9}\ \Phi_{84}\ \Phi_{63}^{6}\ \Phi_{42}\ \Phi_{36}^{9}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}^{9}\ \Phi_{14}\ \Phi_{9}^{6}$
98625	1452	630	$\frac{5}{126}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}^{3}\ \Phi_{105}^{3}\ \Phi_{90}^{3}\ \Phi_{70}^{3}\ \Phi_{45}^{3}\ \Phi_{35}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{3}$
98626	1452	588	$\frac{1}{12}$	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{588}^{3}\ \Phi_{294}^{3}\ \Phi_{196}^{3}\ \Phi_{147}^{3}\ \Phi_{98}^{3}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
98627	1452	840	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{1}{5}$	$\frac{47}{168}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}\ \Phi_{120}^{3}\ \Phi_{105}^{3}\ \Phi_{70}\ \Phi_{60}^{3}\ \Phi_{35}\ \Phi_{30}^{3}\ \Phi_{20}\ \Phi_{15}^{3}\ \Phi_{10}$
98628	1452	1364	$\frac{3}{124}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{1364}\ \Phi_{682}\ \Phi_{341}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
98629	1452	1760	$\frac{1}{40}$	$\frac{2}{11}$	$\frac{39}{160}$	$\frac{3}{11}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}^{2}\ \Phi_{80}^{2}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
98630	1452	1375	$\frac{4}{125}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{1375}\ \Phi_{275}\ \Phi_{125}^{2}\ \Phi_{25}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
98631	1452	1650	$\frac{1}{30}$	$\frac{2}{11}$	$\frac{29}{150}$	$\frac{3}{11}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{275}\ \Phi_{150}^{2}\ \Phi_{75}^{2}\ \Phi_{50}^{2}\ \Phi_{25}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
98632	1452	1386	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{198}\ \Phi_{154}\ \Phi_{126}^{2}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
98633	1452	1584	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}^{2}\ \Phi_{99}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
98634	1452	1540	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{154}\ \Phi_{140}^{2}\ \Phi_{77}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
98635	1452	1408	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{128}^{2}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
98636	1452	1485	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{135}^{2}\ \Phi_{99}\ \Phi_{45}^{2}\ \Phi_{27}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
98637	1452	1430	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1430}\ \Phi_{715}\ \Phi_{286}\ \Phi_{143}\ \Phi_{130}^{2}\ \Phi_{65}^{2}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
98638	1452	132	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{132}^{10}\ \Phi_{66}^{10}\ \Phi_{44}^{10}\ \Phi_{33}^{10}\ \Phi_{22}^{10}\ \Phi_{12}^{20}\ \Phi_{11}^{11}\ \Phi_{6}^{20}\ \Phi_{4}^{20}\ \Phi_{3}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{22}$
98639	1452	180	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{60}^{10}\ \Phi_{36}^{11}\ \Phi_{30}^{10}\ \Phi_{20}^{11}\ \Phi_{18}^{11}\ \Phi_{12}^{10}\ \Phi_{10}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}$
98640	1452	1965	$\frac{3}{131}$	$\frac{1}{5}$	$\frac{32}{131}$	$\frac{4}{15}$	$\Phi_{1965}\ \Phi_{393}\ \Phi_{131}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
98641	1452	510	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{510}^{4}\ \Phi_{255}^{4}\ \Phi_{170}\ \Phi_{102}^{4}\ \Phi_{85}\ \Phi_{51}^{4}\ \Phi_{30}^{4}\ \Phi_{10}\ \Phi_{6}^{4}$
98642	1452	1965	$\frac{5}{131}$	$\frac{21}{131}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1965}\ \Phi_{393}\ \Phi_{131}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
98643	1452	2415	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{161}$
98644	1452	1965	$\frac{10}{131}$	$\frac{11}{131}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1965}\ \Phi_{393}\ \Phi_{131}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
98645	1452	780	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}\ \Phi_{156}^{3}\ \Phi_{130}^{2}\ \Phi_{78}^{3}\ \Phi_{65}^{2}\ \Phi_{52}^{3}\ \Phi_{39}^{2}\ \Phi_{26}^{3}\ \Phi_{13}^{2}$
98646	1452	1451	$\frac{98}{1451}$	$\frac{123}{1451}$	$\frac{332}{1451}$	$\frac{373}{1451}$	$\Phi_{1451}\ \Phi_{1}^{2}$
98647	1452	1596	$\frac{9}{133}$	$\frac{1}{12}$	$\frac{31}{133}$	$\frac{34}{133}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{228}\ \Phi_{114}\ \Phi_{84}\ \Phi_{76}\ \Phi_{57}\ \Phi_{42}\ \Phi_{38}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
98648	1452	1134	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{13}{54}$	$\frac{41}{162}$	$\Phi_{1134}^{2}\ \Phi_{567}^{2}\ \Phi_{189}\ \Phi_{63}\ \Phi_{21}$
98649	1452	620	$\frac{3}{124}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{620}^{3}\ \Phi_{310}^{3}\ \Phi_{155}^{3}\ \Phi_{20}\ \Phi_{10}$
98650	1452	160	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{39}{160}$	$\frac{1}{4}$	$\Phi_{160}^{12}\ \Phi_{80}^{12}\ \Phi_{32}^{12}\ \Phi_{20}\ \Phi_{16}^{12}\ \Phi_{10}$
98651	1452	516	$\frac{3}{43}$	$\frac{1}{12}$	$\frac{10}{43}$	$\frac{1}{4}$	$\Phi_{516}^{3}\ \Phi_{258}^{3}\ \Phi_{172}^{2}\ \Phi_{129}^{3}\ \Phi_{86}^{2}\ \Phi_{43}^{3}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
98652	1452	1940	$\frac{34}{485}$	$\frac{41}{485}$	$\frac{111}{485}$	$\frac{1}{4}$	$\Phi_{1940}\ \Phi_{970}\ \Phi_{388}\ \Phi_{194}\ \Phi_{20}\ \Phi_{10}$
98653	1452	644	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{644}^{3}\ \Phi_{322}\ \Phi_{161}^{2}\ \Phi_{92}^{4}\ \Phi_{46}^{2}\ \Phi_{23}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
98654	1452	500	$\frac{4}{125}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{500}^4\ \Phi_{250}^4\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{20}\ \Phi_{10}$
98655	1452	300	$\frac{1}{30}$	$\frac{29}{150}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{300}^8\ \Phi_{150}^4\ \Phi_{100}^8\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{20}\ \Phi_{10}$
98656	1452	1260	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
98657	1452	720	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{45}^3\ \Phi_{20}\ \Phi_{10}$
98658	1452	380	$\frac{17}{380}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{380}^4\ \Phi_{190}^4\ \Phi_{95}^4\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{20}\ \Phi_{19}^4\ \Phi_{10}$
98659	1452	140	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^{12}\ \Phi_{70}^{12}\ \Phi_{35}^{12}\ \Phi_{28}^{12}\ \Phi_{20}\ \Phi_{14}^{12}\ \Phi_{10}\ \Phi_{7}^{12}$
98660	1452	1020	$\frac{13}{255}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{204}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{20}\ \Phi_{10}$
98661	1452	640	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{20}\ \Phi_{10}$
98662	1452	540	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{20}\ \Phi_{18}^4\ \Phi_{10}$
98663	1452	260	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{260}^8\ \Phi_{130}^4\ \Phi_{65}^4\ \Phi_{52}^8\ \Phi_{26}^4\ \Phi_{20}\ \Phi_{13}^4\ \Phi_{10}$
98664	1452	400	$\frac{3}{40}$	$\frac{37}{400}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{400}^4\ \Phi_{200}^4\ \Phi_{100}^4\ \Phi_{80}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{10}$
98665	1452	60	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{60}^{30}\ \Phi_{30}^{30}\ \Phi_{20}^{31}\ \Phi_{15}^{30}\ \Phi_{10}^{31}\ \Phi_{5}^{30}$
98666	1452	2240	$\frac{1}{28}$	$\frac{85}{448}$	$\frac{1}{5}$	$\frac{27}{112}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{320}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
98667	1452	2380	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{113}{476}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{340}\ \Phi_{170}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
98668	1452	1720	$\frac{3}{43}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{10}{43}$	$\Phi_{1720}\ \Phi_{860}\ \Phi_{430}\ \Phi_{215}\ \Phi_{43}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{1}^2$
98669	1452	780	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{5}$	$\frac{35}{156}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{260}^3\ \Phi_{130}^3\ \Phi_{65}\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{10}^3$
98670	1452	70	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{70}^{26}\ \Phi_{35}^{15}\ \Phi_{14}^{28}\ \Phi_{10}^{26}\ \Phi_{7}^{16}\ \Phi_{5}^{14}\ \Phi_{2}^{28}\ \Phi_{1}^{16}$
98671	1452	182	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{2}{13}$	$\frac{3}{14}$	$\Phi_{182}^{10}\ \Phi_{91}^{5}\ \Phi_{26}^{10}\ \Phi_{14}^{12}\ \Phi_{13}^{10}\ \Phi_{7}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
98672	1452	84	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{84}^{19}\ \Phi_{42}^{19}\ \Phi_{28}^{19}\ \Phi_{21}^{19}\ \Phi_{14}^{7}\ \Phi_{12}^{18}\ \Phi_{7}^{12}\ \Phi_{6}^{18}\ \Phi_{4}^{18}\ \Phi_{3}^{18}\ \Phi_{2}^{6}\ \Phi_{1}^{12}$
98673	1452	228	$\frac{1}{12}$	$\frac{5}{38}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{228}^7\ \Phi_{114}^7\ \Phi_{76}^7\ \Phi_{57}^7\ \Phi_{38}^3\ \Phi_{19}^4\ \Phi_{12}^6\ \Phi_{6}^6\ \Phi_{4}^6\ \Phi_{3}^6\ \Phi_{2}^2\ \Phi_{1}^4$
98674	1452	140	$\frac{1}{14}$	$\frac{19}{140}$	$\frac{13}{70}$	$\frac{1}{5}$	$\Phi_{140}^{12}\ \Phi_{70}^{9}\ \Phi_{35}^{9}\ \Phi_{28}^{12}\ \Phi_{20}^{12}\ \Phi_{14}^{8}\ \Phi_{10}^{9}\ \Phi_{7}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{12}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
98675	1452	120	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{5}$	$\Phi_{120}^{12}\ \Phi_{60}^{13}\ \Phi_{40}^{9}\ \Phi_{30}^{13}\ \Phi_{24}^{16}\ \Phi_{20}^{10}\ \Phi_{15}^{13}\ \Phi_{12}^{16}\ \Phi_{10}^{10}\ \Phi_{8}^{12}\ \Phi_{6}^{16}\ \Phi_{5}^{9}\ \Phi_{4}^{12}\ \Phi_{3}^{16}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
98676	1453	2896	$\frac{5}{1448}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1443}{2896}$	$\Phi_{2896}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
98677	1453	1746	$\frac{2}{291}$	$\frac{293}{1746}$	$\frac{1}{3}$	$\frac{289}{582}$	$\Phi_{1746}\ \Phi_{873}\ \Phi_{291}\ \Phi_{97}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
98678	1453	2640	$\frac{1}{132}$	$\frac{133}{1320}$	$\frac{1187}{2640}$	$\frac{131}{264}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{264}\ \Phi_{240}\ \Phi_{176}\ \Phi_{88}\ \Phi_{80}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
98679	1453	2880	$\frac{13}{1440}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1427}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
98680	1453	2880	$\frac{13}{1440}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1427}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
98681	1453	2880	$\frac{13}{1440}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1427}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
98682	1453	2880	$\frac{13}{1440}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1427}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
98683	1453	1944	$\frac{5}{486}$	$\frac{1}{6}$	$\frac{491}{1944}$	$\frac{481}{972}$	$\Phi_{1944}\ \Phi_{648}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
98684	1453	1664	$\frac{3}{208}$	$\frac{211}{1664}$	$\frac{1}{4}$	$\frac{205}{416}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{208}\ \Phi_{128}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
98685	1453	2856	$\frac{25}{1428}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1403}{2856}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{168}\ \Phi_{136}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
98686	1453	2816	$\frac{1}{44}$	$\frac{45}{1408}$	$\frac{1363}{2816}$	$\frac{43}{88}$	$\Phi_{2816}\ \Phi_{256}\ \Phi_{88}\ \Phi_{8}\ \Phi_{1}$
98687	1453	2112	$\frac{1}{44}$	$\frac{45}{704}$	$\frac{659}{2112}$	$\frac{43}{88}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
98688	1453	1584	$\frac{1}{44}$	$\frac{131}{1584}$	$\frac{45}{176}$	$\frac{43}{88}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{48}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
98689	1453	1760	$\frac{1}{44}$	$\frac{45}{352}$	$\frac{307}{1760}$	$\frac{43}{88}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
98690	1453	1568	$\frac{3}{112}$	$\frac{115}{1568}$	$\frac{1}{4}$	$\frac{109}{224}$	Φ_{1568} Φ_{784} Φ_{392} Φ_{196} Φ_{112} Φ_{98} Φ_{56} Φ_{49} Φ_{28} Φ_{16} Φ_{14} Φ_{8} Φ_{7} Φ_{1}
98691	1453	1620	$\frac{5}{162}$	$\frac{167}{1620}$	$\frac{1}{6}$	$\frac{157}{324}$	Φ_{1620} Φ_{810} Φ_{540} Φ_{405} Φ_{270} Φ_{180} Φ_{162} Φ_{135} Φ_{90} Φ_{81} Φ_{60} Φ_{54} Φ_{45} Φ_{30} Φ_{27} Φ_{20} Φ_{18} Φ_{15} Φ_{10} Φ_{9} Φ_{5} Φ_{1}
98692	1453	2808	$\frac{49}{1404}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{1355}{2808}$	Φ_{2808} Φ_{936} Φ_{312} Φ_{216} Φ_{104} Φ_{72} Φ_{52} Φ_{26} Φ_{24} Φ_{13} Φ_{8} Φ_{1}
98693	1453	2808	$\frac{49}{1404}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1355}{2808}$	Φ_{2808} Φ_{936} Φ_{312} Φ_{216} Φ_{104} Φ_{72} Φ_{54} Φ_{27} Φ_{24} Φ_{18} Φ_{9} Φ_{8} Φ_{1}
98694	1453	2800	$\frac{53}{1400}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{1347}{2800}$	Φ_{2800} Φ_{560} Φ_{400} Φ_{112} Φ_{80} Φ_{56} Φ_{28} Φ_{16} Φ_{14} Φ_{8} Φ_{7} Φ_{1}
98695	1453	1672	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{219}{1672}$	$\frac{199}{418}$	Φ_{1672} Φ_{836} Φ_{209} Φ_{152} Φ_{88} Φ_{76} Φ_{44} Φ_{19} Φ_{8} Φ_{4} Φ_{1}
98696	1453	2772	$\frac{1}{33}$	$\frac{67}{1386}$	$\frac{32}{99}$	$\frac{1319}{2772}$	Φ_{2772} Φ_{924} Φ_{396} Φ_{308} Φ_{252} Φ_{132} Φ_{99} Φ_{84} Φ_{44} Φ_{36} Φ_{28} Φ_{12} Φ_{9} Φ_{4} Φ_{1}
98697	1453	2772	$\frac{67}{1386}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1319}{2772}$	Φ_{2772} Φ_{924} Φ_{396} Φ_{308} Φ_{252} Φ_{132} Φ_{84} Φ_{77} Φ_{44} Φ_{36} Φ_{28} Φ_{12} Φ_{7} Φ_{4} Φ_{1}
98698	1453	1980	$\frac{1}{33}$	$\frac{32}{495}$	$\frac{527}{1980}$	$\frac{463}{990}$	Φ_{1980} Φ_{660} Φ_{495} Φ_{396} Φ_{220} Φ_{180} Φ_{165} Φ_{132} Φ_{99} Φ_{60} Φ_{55} Φ_{45} Φ_{44} Φ_{36} Φ_{20} Φ_{15} Φ_{12} Φ_{9} Φ_{5} Φ_{4} Φ_{1}
98699	1453	2704	$\frac{3}{104}$	$\frac{101}{1352}$	$\frac{1}{4}$	$\frac{1251}{2704}$	Φ_{2704} Φ_{208} Φ_{104} Φ_{52} Φ_{26} Φ_{16} Φ_{13} Φ_{8} Φ_{1}
98700	1453	2688	$\frac{3}{112}$	$\frac{109}{1344}$	$\frac{1}{4}$	$\frac{1235}{2688}$	Φ_{2688} Φ_{896} Φ_{384} Φ_{128} Φ_{112} Φ_{56} Φ_{28} Φ_{16} Φ_{14} Φ_{8} Φ_{7} Φ_{1}
98701	1453	2160	$\frac{13}{720}$	$\frac{1}{12}$	$\frac{707}{2160}$	$\frac{11}{24}$	Φ_{2160} Φ_{1080} Φ_{540} Φ_{432} Φ_{270} Φ_{216} Φ_{135} Φ_{108} Φ_{54} Φ_{27} Φ_{24} Φ_{8} Φ_{1}
98702	1453	1488	$\frac{35}{1488}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	Φ_{1488} Φ_{744} Φ_{496} Φ_{372} Φ_{248} Φ_{186} Φ_{124} Φ_{93} Φ_{62} Φ_{31} Φ_{24} Φ_{8} Φ_{1}
98703	1453	1920	$\frac{13}{480}$	$\frac{1}{12}$	$\frac{467}{1920}$	$\frac{11}{24}$	Φ_{1920} Φ_{960} Φ_{640} Φ_{384} Φ_{320} Φ_{192} Φ_{128} Φ_{64} Φ_{24} Φ_{8} Φ_{1}
98704	1453	1800	$\frac{13}{360}$	$\frac{1}{12}$	$\frac{347}{1800}$	$\frac{11}{24}$	Φ_{1800} Φ_{900} Φ_{600} Φ_{450} Φ_{300} Φ_{225} Φ_{200} Φ_{150} Φ_{100} Φ_{75} Φ_{50} Φ_{25} Φ_{24} Φ_{8} Φ_{1}
98705	1453	1512	$\frac{59}{1512}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	Φ_{1512} Φ_{756} Φ_{504} Φ_{378} Φ_{252} Φ_{216} Φ_{189} Φ_{168} Φ_{126} Φ_{108} Φ_{84} Φ_{63} Φ_{56} Φ_{54} Φ_{42} Φ_{28} Φ_{27} Φ_{24} Φ_{21} Φ_{14} Φ_{8} Φ_{7} Φ_{1}
98706	1453	1728	$\frac{13}{288}$	$\frac{1}{12}$	$\frac{275}{1728}$	$\frac{11}{24}$	Φ_{1728} Φ_{864} Φ_{576} Φ_{432} Φ_{216} Φ_{192} Φ_{108} Φ_{64} Φ_{54} Φ_{27} Φ_{24} Φ_{8} Φ_{1}
98707	1453	1536	$\frac{83}{1536}$	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{11}{24}$	Φ_{1536} Φ_{768} Φ_{512} Φ_{384} Φ_{256} Φ_{192} Φ_{128} Φ_{64} Φ_{24} Φ_{8} Φ_{1}
98708	1453	1680	$\frac{13}{240}$	$\frac{1}{12}$	$\frac{227}{1680}$	$\frac{11}{24}$	Φ_{1680} Φ_{840} Φ_{560} Φ_{420} Φ_{336} Φ_{280} Φ_{210} Φ_{168} Φ_{140} Φ_{112} Φ_{105} Φ_{84} Φ_{70} Φ_{56} Φ_{42} Φ_{35} Φ_{28} Φ_{24} Φ_{21} Φ_{14} Φ_{8} Φ_{7} Φ_{1}
98709	1453	1560	$\frac{107}{1560}$	$\frac{1}{12}$	$\frac{13}{120}$	$\frac{11}{24}$	Φ_{1560} Φ_{780} Φ_{520} Φ_{390} Φ_{312} Φ_{260} Φ_{195} Φ_{156} Φ_{130} Φ_{104} Φ_{78} Φ_{65} Φ_{52} Φ_{39} Φ_{26} Φ_{24} Φ_{13} Φ_{8} Φ_{1}
98710	1453	1584	$\frac{131}{1584}$	$\frac{1}{12}$	$\frac{13}{144}$	$\frac{11}{24}$	Φ_{1584} Φ_{792} Φ_{528} Φ_{396} Φ_{264} Φ_{198} Φ_{176} Φ_{132} Φ_{99} Φ_{88} Φ_{66} Φ_{44} Φ_{33} Φ_{24} Φ_{22} Φ_{11} Φ_{8} Φ_{1}
98711	1453	1512	$\frac{59}{1512}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	Φ_{1512} Φ_{756} Φ_{504} Φ_{378} Φ_{252} Φ_{216} Φ_{189} Φ_{168} Φ_{126} Φ_{84} Φ_{72} Φ_{63} Φ_{56} Φ_{54} Φ_{42} Φ_{28} Φ_{27} Φ_{24} Φ_{21} Φ_{18} Φ_{14} Φ_{9} Φ_{8} Φ_{7} Φ_{1}
98712	1453	2640	$\frac{1}{33}$	$\frac{133}{1320}$	$\frac{32}{165}$	$\frac{1187}{2640}$	Φ_{2640} Φ_{880} Φ_{528} Φ_{240} Φ_{176} Φ_{165} Φ_{80} Φ_{55} Φ_{48} Φ_{16} Φ_{15} Φ_{5} Φ_{1}
98713	1453	1782	$\frac{1}{33}$	$\frac{32}{297}$	$\frac{329}{1782}$	$\frac{265}{594}$	Φ_{1782} Φ_{891} Φ_{297} Φ_{162} Φ_{99} Φ_{81} Φ_{27} Φ_{9} Φ_{1}
98714	1453	2592	$\frac{5}{162}$	$\frac{157}{1296}$	$\frac{1}{6}$	$\frac{1139}{2592}$	Φ_{2592} Φ_{864} Φ_{288} Φ_{162} Φ_{96} Φ_{81} Φ_{54} Φ_{32} Φ_{27} Φ_{18} Φ_{9} Φ_{1}
98715	1453	1540	$\frac{87}{1540}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{154}$	Φ_{1540} Φ_{770} Φ_{385} Φ_{308} Φ_{220} Φ_{140} Φ_{110} Φ_{77} Φ_{70} Φ_{55} Φ_{44} Φ_{35} Φ_{28} Φ_{20} Φ_{10} Φ_{7} Φ_{5} Φ_{4} Φ_{1}
98716	1453	1470	$\frac{17}{1470}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	Φ_{1470} Φ_{735} Φ_{490} Φ_{294} Φ_{245} Φ_{210} Φ_{147} Φ_{105} Φ_{98} Φ_{70} Φ_{49} Φ_{42} Φ_{35} Φ_{21} Φ_{15} Φ_{14} Φ_{7} Φ_{5} Φ_{1}
98717	1453	2508	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{199}{1254}$	$\frac{1055}{2508}$	Φ_{2508} Φ_{836} Φ_{228} Φ_{209} Φ_{132} Φ_{76} Φ_{44} Φ_{19} Φ_{12} Φ_{4} Φ_{1}
98718	1453	2496	$\frac{3}{208}$	$\frac{205}{1248}$	$\frac{1}{4}$	$\frac{1043}{2496}$	Φ_{2496} Φ_{832} Φ_{208} Φ_{192} Φ_{104} Φ_{64} Φ_{52} Φ_{26} Φ_{16} Φ_{13} Φ_{8} Φ_{1}
98719	1453	1472	$\frac{19}{1472}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	Φ_{1472} Φ_{736} Φ_{368} Φ_{184} Φ_{92} Φ_{64} Φ_{46} Φ_{23} Φ_{16} Φ_{8} Φ_{1}
98720	1453	1650	$\frac{1}{33}$	$\frac{197}{1650}$	$\frac{32}{165}$	$\frac{133}{330}$	Φ_{1650} Φ_{825} Φ_{550} Φ_{275} Φ_{165} Φ_{150} Φ_{75} Φ_{55} Φ_{50} Φ_{25} Φ_{15} Φ_{5} Φ_{1}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
98721	1453	2376	$\frac{1}{132}$	$\frac{265}{1188}$	$\frac{131}{396}$	$\frac{923}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{216}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
98722	1453	2376	$\frac{1}{33}$	$\frac{32}{297}$	$\frac{265}{1188}$	$\frac{923}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{297}\ \Phi_{264}\ \Phi_{216}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
98723	1453	2112	$\frac{1}{132}$	$\frac{131}{528}$	$\frac{659}{2112}$	$\frac{397}{1056}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{176}\ \Phi_{88}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
98724	1453	2328	$\frac{2}{291}$	$\frac{289}{1164}$	$\frac{1}{3}$	$\frac{875}{2328}$	$\Phi_{2328}\ \Phi_{776}\ \Phi_{291}\ \Phi_{97}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
98725	1453	1476	$\frac{23}{1476}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{492}\ \Phi_{369}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
98726	1453	1584	$\frac{1}{33}$	$\frac{131}{1584}$	$\frac{32}{99}$	$\frac{67}{198}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
98727	1453	2184	$\frac{3}{364}$	$\frac{1}{4}$	$\frac{361}{1092}$	$\frac{731}{2184}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{364}\ \Phi_{312}\ \Phi_{182}\ \Phi_{168}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{24}\ \Phi_{14}\ \Phi_{13}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
98728	1453	2160	$\frac{13}{720}$	$\frac{2}{15}$	$\frac{707}{2160}$	$\frac{1}{3}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
98729	1453	1485	$\frac{32}{1485}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}\ \Phi_{99}\ \Phi_{55}\ \Phi_{33}\ \Phi_{27}\ \Phi_{15}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}$
98730	1453	1920	$\frac{13}{480}$	$\frac{2}{15}$	$\frac{467}{1920}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
98731	1453	1500	$\frac{47}{1500}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}\ \Phi_{250}\ \Phi_{150}\ \Phi_{125}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
98732	1453	1800	$\frac{13}{360}$	$\frac{2}{15}$	$\frac{347}{1800}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
98733	1453	1530	$\frac{77}{1530}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}\ \Phi_{255}\ \Phi_{170}\ \Phi_{153}\ \Phi_{102}\ \Phi_{85}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
98734	1453	1680	$\frac{13}{240}$	$\frac{2}{15}$	$\frac{227}{1680}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
98735	1453	1560	$\frac{107}{1560}$	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}$
98736	1453	1620	$\frac{13}{180}$	$\frac{167}{1620}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
98737	1453	1872	$\frac{3}{208}$	$\frac{419}{1872}$	$\frac{1}{4}$	$\frac{205}{624}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{16}\ \Phi_{13}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
98738	1453	2160	$\frac{13}{720}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{707}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
98739	1453	2160	$\frac{13}{720}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{707}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
98740	1453	1680	$\frac{3}{112}$	$\frac{227}{1680}$	$\frac{1}{4}$	$\frac{109}{336}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
98741	1453	2079	$\frac{1}{33}$	$\frac{67}{693}$	$\frac{626}{2079}$	$\frac{32}{99}$	$\Phi_{2079}\ \Phi_{297}\ \Phi_{189}\ \Phi_{99}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
98742	1453	1881	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{428}{1881}$	$\frac{199}{627}$	$\Phi_{1881}\ \Phi_{209}\ \Phi_{171}\ \Phi_{99}\ \Phi_{19}\ \Phi_{9}\ \Phi_{1}$
98743	1453	1560	$\frac{3}{52}$	$\frac{107}{1560}$	$\frac{1}{4}$	$\frac{49}{156}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{30}\ \Phi_{26}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
98744	1453	2106	$\frac{49}{702}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{653}{2106}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
98745	1453	2079	$\frac{1}{11}$	$\frac{67}{693}$	$\frac{10}{77}$	$\frac{626}{2079}$	$\Phi_{2079}\ \Phi_{297}\ \Phi_{189}\ \Phi_{77}\ \Phi_{27}\ \Phi_{7}\ \Phi_{1}$
98746	1453	1512	$\frac{59}{1512}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
98747	1453	1617	$\frac{1}{11}$	$\frac{164}{1617}$	$\frac{10}{77}$	$\frac{67}{231}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{147}\ \Phi_{77}\ \Phi_{49}\ \Phi_{7}\ \Phi_{1}$
98748	1453	2016	$\frac{3}{112}$	$\frac{109}{672}$	$\frac{1}{4}$	$\frac{563}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
98749	1453	1800	$\frac{13}{360}$	$\frac{1}{6}$	$\frac{347}{1800}$	$\frac{5}{18}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
98750	1453	1512	$\frac{59}{1512}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
98751	1453	1728	$\frac{13}{288}$	$\frac{275}{1728}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{64}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
98752	1453	1530	$\frac{77}{1530}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}\ \Phi_{255}\ \Phi_{170}\ \Phi_{153}\ \Phi_{102}\ \Phi_{85}\ \Phi_{51}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
98753	1453	1620	$\frac{13}{180}$	$\frac{167}{1620}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
98754	1453	1584	$\frac{131}{1584}$	$\frac{13}{144}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
98755	1453	1488	$\frac{35}{1488}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}\ \Phi_{372}\ \Phi_{248}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
98756	1453	1980	$\frac{1}{33}$	$\frac{32}{165}$	$\frac{133}{660}$	$\frac{527}{1980}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
98757	1453	1944	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{157}{648}$	$\frac{491}{1944}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
98758	1453	1792	$\frac{3}{112}$	$\frac{339}{1792}$	$\frac{109}{448}$	$\frac{1}{4}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{256}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
98759	1453	1920	$\frac{13}{480}$	$\frac{3}{16}$	$\frac{467}{1920}$	$\frac{1}{4}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
98760	1453	1904	$\frac{25}{476}$	$\frac{3}{28}$	$\frac{451}{1904}$	$\frac{1}{4}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{272}\ \Phi_{136}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
98761	1453	1872	$\frac{3}{52}$	$\frac{49}{468}$	$\frac{419}{1872}$	$\frac{1}{4}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{144}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
98762	1453	1680	$\frac{3}{56}$	$\frac{227}{1680}$	$\frac{53}{280}$	$\frac{1}{4}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
98763	1453	1520	$\frac{67}{1520}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{304}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
98764	1453	1728	$\frac{13}{288}$	$\frac{275}{1728}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{64}\ \Phi_{54}\ \Phi_{27}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
98765	1453	1536	$\frac{83}{1536}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
98766	1453	1680	$\frac{13}{240}$	$\frac{227}{1680}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
98767	1453	1600	$\frac{13}{160}$	$\frac{147}{1600}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
98768	1453	1584	$\frac{131}{1584}$	$\frac{13}{144}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
98769	1453	1848	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{462}$	$\frac{395}{1848}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
98770	1454	4344	$\frac{3}{724}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{721}{1448}$	$\Phi_{4344}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
98771	1454	4326	$\frac{6}{721}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{715}{1442}$	$\Phi_{4326}\ \Phi_{618}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
98772	1454	2496	$\frac{1}{104}$	$\frac{105}{832}$	$\frac{1}{3}$	$\frac{103}{208}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{312}\ \Phi_{192}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
98773	1454	1440	$\frac{7}{720}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{713}{1440}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
98774	1454	4290	$\frac{12}{715}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{703}{1430}$	$\Phi_{4290}\ \Phi_{858}\ \Phi_{390}\ \Phi_{330}\ \Phi_{78}\ \Phi_{66}\ \Phi_{39}\ \Phi_{30}\ \Phi_{6}$
98775	1454	2352	$\frac{1}{56}$	$\frac{57}{784}$	$\frac{1}{3}$	$\frac{55}{112}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
98776	1454	1428	$\frac{13}{714}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{701}{1428}$	$\Phi_{1428}^2\ \Phi_{476}^2\ \Phi_{204}^2\ \Phi_{84}^2\ \Phi_{68}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}^2$
98777	1454	1404	$\frac{25}{702}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{677}{1404}$	$\Phi_{1404}^2\ \Phi_{468}^2\ \Phi_{156}^2\ \Phi_{108}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}^2$
98778	1454	4200	$\frac{1}{28}$	$\frac{27}{700}$	$\frac{1}{3}$	$\frac{673}{1400}$	$\Phi_{4200}\ \Phi_{840}\ \Phi_{600}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
98779	1454	4056	$\frac{1}{52}$	$\frac{51}{676}$	$\frac{1}{3}$	$\frac{625}{1352}$	$\Phi_{4056}\ \Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
98780	1454	1344	$\frac{1}{56}$	$\frac{55}{672}$	$\frac{1}{3}$	$\frac{617}{1344}$	$\Phi_{1344}^2\ \Phi_{448}^2\ \Phi_{192}^2\ \Phi_{168}\ \Phi_{84}\ \Phi_{64}^2\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
98781	1454	2208	$\frac{9}{736}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}\ \Phi_{69}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
98782	1454	3822	$\frac{1}{91}$	$\frac{90}{637}$	$\frac{1}{3}$	$\frac{547}{1274}$	$\Phi_{3822}\ \Phi_{546}\ \Phi_{294}\ \Phi_{273}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{21}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
98783	1454	1248	$\frac{1}{104}$	$\frac{103}{624}$	$\frac{1}{3}$	$\frac{521}{1248}$	$\Phi_{1248}^2\ \Phi_{416}^2\ \Phi_{312}\ \Phi_{156}\ \Phi_{96}^2\ \Phi_{78}\ \Phi_{39}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
98784	1454	1092	$\frac{1}{182}$	$\frac{181}{546}$	$\frac{1}{3}$	$\frac{365}{1092}$	$\Phi_{1092}^2\ \Phi_{546}\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{156}^2\ \Phi_{84}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
98785	1454	936	$\frac{1}{104}$	$\frac{209}{936}$	$\frac{103}{312}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}\ \Phi_{234}^2\ \Phi_{156}\ \Phi_{117}^2\ \Phi_{78}\ \Phi_{72}^2\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
98786	1454	840	$\frac{1}{56}$	$\frac{113}{840}$	$\frac{55}{168}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
98787	1454	1080	$\frac{7}{360}$	$\frac{1}{8}$	$\frac{353}{1080}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
98788	1454	780	$\frac{1}{26}$	$\frac{53}{780}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2\ \Phi_4^2$
98789	1454	756	$\frac{29}{756}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6\ \Phi_4^2$
98790	1454	744	$\frac{17}{744}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{744}^2\ \Phi_{372}^2\ \Phi_{248}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
98791	1454	1008	$\frac{1}{56}$	$\frac{55}{336}$	$\frac{281}{1008}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
98792	1454	2688	$\frac{1}{56}$	$\frac{169}{896}$	$\frac{55}{224}$	$\frac{1}{3}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{384}\ \Phi_{192}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
98793	1454	960	$\frac{7}{240}$	$\frac{1}{8}$	$\frac{233}{960}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
98794	1454	2856	$\frac{13}{238}$	$\frac{1}{14}$	$\frac{225}{952}$	$\frac{1}{3}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{408}\ \Phi_{204}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
98795	1454	936	$\frac{1}{26}$	$\frac{25}{234}$	$\frac{209}{936}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_6\ \Phi_4^2$
98796	1454	840	$\frac{1}{28}$	$\frac{113}{840}$	$\frac{27}{140}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
98797	1454	780	$\frac{53}{780}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
98798	1454	2280	$\frac{33}{760}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
98799	1454	864	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{137}{864}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{54}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
98800	1454	858	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{131}{858}$	$\frac{1}{3}$	$\Phi_{858}^2\ \Phi_{429}\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{78}^2\ \Phi_{66}^2\ \Phi_{39}^2\ \Phi_{33}\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
98801	1454	768	$\frac{41}{768}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
98802	1454	840	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{113}{840}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_6$
98803	1454	792	$\frac{65}{792}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_6$
98804	1454	2400	$\frac{7}{80}$	$\frac{73}{800}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{150}\ \Phi_{96}\ \Phi_{75}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
98805	1455	1160	$\frac{1}{290}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{289}{580}$	$\Phi_{1160}^2\ \Phi_{580}\ \Phi_{232}^2\ \Phi_{116}\ \Phi_{40}^2\ \Phi_{20}\ \Phi_8^3\ \Phi_4\ \Phi_1$
98806	1455	1932	$\frac{2}{483}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{481}{966}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{483}\ \Phi_{276}\ \Phi_{161}\ \Phi_{92}\ \Phi_{84}\ \Phi_{69}\ \Phi_{28}\ \Phi_{23}\ \Phi_{21}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
98807	1455	648	$\frac{1}{162}$	$\frac{1}{4}$	$\frac{163}{648}$	$\frac{161}{324}$	$\Phi_{648}^3\ \Phi_{324}^2\ \Phi_{216}^3\ \Phi_{162}\ \Phi_{108}^2\ \Phi_{81}\ \Phi_{72}^3\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
98808	1455	1344	$\frac{1}{96}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{95}{192}$	$\Phi_{1344}^2\ \Phi_{448}^2\ \Phi_{192}^3\ \Phi_{64}^3\ \Phi_{28}\ \Phi_4\ \Phi_1$
98809	1455	1344	$\frac{1}{96}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{95}{192}$	$\Phi_{1344}^2\ \Phi_{448}^2\ \Phi_{192}^3\ \Phi_{64}^3\ \Phi_7^2\ \Phi_1^3$
98810	1455	192	$\frac{1}{96}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{95}{192}$	$\Phi_{192}^{15}\ \Phi_{64}^{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
98811	1455	1908	$\frac{8}{477}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{469}{954}$	$\Phi_{1908}\ \Phi_{636}\ \Phi_{477}\ \Phi_{212}\ \Phi_{159}\ \Phi_{53}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
98812	1455	108	$\frac{1}{54}$	$\frac{11}{108}$	$\frac{1}{4}$	$\frac{53}{108}$	$\Phi_{108}^{14}\ \Phi_{54}^{13}\ \Phi_{36}^{14}\ \Phi_{27}^{13}\ \Phi_{18}^{13}\ \Phi_{12}^{14}\ \Phi_9^{13}\ \Phi_6^{13}\ \Phi_4^{13}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
98813	1455	936	$\frac{17}{468}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{451}{936}$	$\Phi_{936}^3\ \Phi_{312}^3\ \Phi_{104}^3\ \Phi_{72}^3\ \Phi_{36}^2\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
98814	1455	504	$\frac{19}{504}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{504}^{3}\,\Phi_{252}^{3}\,\Phi_{168}^{3}\,\Phi_{126}^{3}\,\Phi_{84}^{3}\,\Phi_{72}^{3}\,\Phi_{63}^{3}\,\Phi_{56}^{3}\,\Phi_{42}^{3}\,\Phi_{36}^{2}\,\Phi_{28}^{3}\,\Phi_{24}^{3}\,\Phi_{21}^{3}\,\Phi_{18}\,\Phi_{14}^{3}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
98815	1455	1836	$\frac{1}{27}$	$\frac{26}{459}$	$\frac{1}{4}$	$\frac{433}{918}$	$\Phi_{1836}\,\Phi_{612}\,\Phi_{459}\,\Phi_{204}\,\Phi_{153}\,\Phi_{108}^{2}\,\Phi_{68}\,\Phi_{54}\,\Phi_{51}\,\Phi_{36}^{2}\,\Phi_{27}\,\Phi_{18}\,\Phi_{17}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
98816	1455	1456	$\frac{1}{16}$	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{85}{182}$	$\Phi_{1456}\,\Phi_{728}\,\Phi_{364}\,\Phi_{208}\,\Phi_{112}^{2}\,\Phi_{104}\,\Phi_{91}\,\Phi_{56}^{2}\,\Phi_{52}\,\Phi_{28}^{2}\,\Phi_{16}\,\Phi_{14}\,\Phi_{13}\,\Phi_{8}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
98817	1455	2772	$\frac{2}{99}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{2772}\,\Phi_{924}\,\Phi_{396}\,\Phi_{308}\,\Phi_{252}\,\Phi_{132}\,\Phi_{99}\,\Phi_{44}\,\Phi_{36}\,\Phi_{33}\,\Phi_{28}\,\Phi_{11}\,\Phi_{9}\,\Phi_{4}\,\Phi_{1}$
98818	1455	1008	$\frac{1}{48}$	$\frac{1}{14}$	$\frac{47}{144}$	$\frac{13}{28}$	$\Phi_{1008}^{2}\,\Phi_{504}^{2}\,\Phi_{252}^{2}\,\Phi_{144}^{3}\,\Phi_{126}^{2}\,\Phi_{72}^{3}\,\Phi_{63}^{2}\,\Phi_{36}^{3}\,\Phi_{28}\,\Phi_{18}^{3}\,\Phi_{9}^{3}\,\Phi_{4}\,\Phi_{1}$
98819	1455	700	$\frac{3}{100}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{700}^{2}\,\Phi_{350}^{2}\,\Phi_{175}^{2}\,\Phi_{140}^{2}\,\Phi_{100}^{3}\,\Phi_{70}^{2}\,\Phi_{50}^{3}\,\Phi_{35}^{2}\,\Phi_{28}\,\Phi_{25}^{3}\,\Phi_{20}^{3}\,\Phi_{10}^{3}\,\Phi_{5}^{3}\,\Phi_{4}\,\Phi_{1}$
98820	1455	896	$\frac{1}{32}$	$\frac{1}{14}$	$\frac{31}{128}$	$\frac{13}{28}$	$\Phi_{896}^{2}\,\Phi_{448}^{2}\,\Phi_{128}^{3}\,\Phi_{64}^{3}\,\Phi_{28}\,\Phi_{4}\,\Phi_{1}$
98821	1455	840	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{23}{120}$	$\frac{13}{28}$	$\Phi_{840}^{2}\,\Phi_{420}^{2}\,\Phi_{280}^{2}\,\Phi_{210}^{2}\,\Phi_{140}^{2}\,\Phi_{120}^{3}\,\Phi_{105}^{2}\,\Phi_{70}^{2}\,\Phi_{60}^{3}\,\Phi_{40}^{3}\,\Phi_{35}^{2}\,\Phi_{30}^{3}\,\Phi_{28}\,\Phi_{20}^{3}\,\Phi_{15}^{3}\,\Phi_{10}^{3}\,\Phi_{5}^{3}\,\Phi_{4}\,\Phi_{1}$
98822	1455	1428	$\frac{5}{102}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{1428}^{2}\,\Phi_{476}^{2}\,\Phi_{204}^{2}\,\Phi_{102}\,\Phi_{68}^{2}\,\Phi_{51}\,\Phi_{34}\,\Phi_{28}\,\Phi_{17}\,\Phi_{4}\,\Phi_{1}$
98823	1455	112	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{15}{112}$	$\frac{13}{28}$	$\Phi_{112}^{13}\,\Phi_{56}^{13}\,\Phi_{28}^{14}\,\Phi_{16}^{12}\,\Phi_{14}^{13}\,\Phi_{8}^{12}\,\Phi_{7}^{13}\,\Phi_{4}^{13}\,\Phi_{2}^{12}\,\Phi_{1}^{13}$
98824	1455	728	$\frac{7}{104}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{28}$	$\Phi_{728}^{2}\,\Phi_{364}^{2}\,\Phi_{182}^{2}\,\Phi_{104}^{3}\,\Phi_{91}^{2}\,\Phi_{52}^{3}\,\Phi_{28}\,\Phi_{26}^{3}\,\Phi_{13}^{3}\,\Phi_{4}\,\Phi_{1}$
98825	1455	756	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{13}{28}$	$\Phi_{756}^{2}\,\Phi_{378}^{2}\,\Phi_{252}^{2}\,\Phi_{189}^{2}\,\Phi_{126}^{2}\,\Phi_{108}^{3}\,\Phi_{63}^{2}\,\Phi_{54}^{3}\,\Phi_{36}^{3}\,\Phi_{28}\,\Phi_{27}^{3}\,\Phi_{18}^{3}\,\Phi_{9}^{3}\,\Phi_{4}\,\Phi_{1}$
98826	1455	864	$\frac{1}{54}$	$\frac{53}{432}$	$\frac{1}{4}$	$\frac{379}{864}$	$\Phi_{864}^{3}\,\Phi_{288}^{3}\,\Phi_{108}^{2}\,\Phi_{96}^{3}\,\Phi_{54}\,\Phi_{36}^{2}\,\Phi_{32}^{3}\,\Phi_{27}\,\Phi_{18}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
98827	1455	336	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{71}{168}$	$\Phi_{336}^{4}\,\Phi_{168}^{3}\,\Phi_{112}^{6}\,\Phi_{84}^{4}\,\Phi_{56}^{5}\,\Phi_{48}^{4}\,\Phi_{42}^{4}\,\Phi_{28}^{6}\,\Phi_{24}^{3}\,\Phi_{21}^{4}\,\Phi_{16}^{5}\,\Phi_{14}^{5}\,\Phi_{12}^{4}\,\Phi_{8}^{4}\,\Phi_{7}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
98828	1455	492	$\frac{7}{492}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{492}^{3}\,\Phi_{246}^{3}\,\Phi_{164}^{3}\,\Phi_{123}^{3}\,\Phi_{82}^{3}\,\Phi_{41}^{3}\,\Phi_{12}^{2}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
98829	1455	324	$\frac{1}{81}$	$\frac{16}{81}$	$\frac{1}{4}$	$\frac{65}{162}$	$\Phi_{324}^{6}\,\Phi_{162}\,\Phi_{108}^{6}\,\Phi_{81}^{5}\,\Phi_{54}\,\Phi_{36}^{6}\,\Phi_{27}^{5}\,\Phi_{18}\,\Phi_{12}^{6}\,\Phi_{9}^{5}\,\Phi_{6}\,\Phi_{4}^{5}\,\Phi_{3}^{5}\,\Phi_{1}^{5}$
98830	1455	1160	$\frac{1}{145}$	$\frac{1}{4}$	$\frac{48}{145}$	$\frac{3}{8}$	$\Phi_{1160}^{2}\,\Phi_{232}^{2}\,\Phi_{145}^{2}\,\Phi_{40}^{2}\,\Phi_{29}^{2}\,\Phi_{8}^{3}\,\Phi_{5}^{2}\,\Phi_{1}^{3}$
98831	1455	392	$\frac{1}{98}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{392}^{6}\,\Phi_{196}^{2}\,\Phi_{98}\,\Phi_{56}^{6}\,\Phi_{49}\,\Phi_{28}^{2}\,\Phi_{14}\,\Phi_{8}^{3}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
98832	1455	2360	$\frac{4}{295}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2360}\,\Phi_{472}\,\Phi_{295}\,\Phi_{59}\,\Phi_{8}\,\Phi_{1}$
98833	1455	888	$\frac{5}{296}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{888}^{2}\,\Phi_{444}^{2}\,\Phi_{296}\,\Phi_{222}^{2}\,\Phi_{148}\,\Phi_{111}^{2}\,\Phi_{74}\,\Phi_{37}\,\Phi_{12}^{2}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
98834	1455	232	$\frac{1}{58}$	$\frac{19}{116}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{232}^{10}\,\Phi_{116}^{3}\,\Phi_{58}^{2}\,\Phi_{29}^{2}\,\Phi_{8}^{11}\,\Phi_{4}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
98835	1455	200	$\frac{3}{100}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{200}^{12}\,\Phi_{100}^{3}\,\Phi_{50}^{3}\,\Phi_{40}^{10}\,\Phi_{25}^{3}\,\Phi_{20}^{3}\,\Phi_{10}^{2}\,\Phi_{8}^{11}\,\Phi_{5}^{2}\,\Phi_{4}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
98836	1455	2552	$\frac{1}{29}$	$\frac{28}{319}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2552}\,\Phi_{319}\,\Phi_{88}\,\Phi_{11}\,\Phi_{8}\,\Phi_{1}$
98837	1455	438	$\frac{1}{73}$	$\frac{1}{6}$	$\frac{24}{73}$	$\frac{49}{146}$	$\Phi_{438}^{4}\,\Phi_{219}^{4}\,\Phi_{146}\,\Phi_{73}^{3}\,\Phi_{6}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
98838	1455	727	$\frac{4}{727}$	$\frac{241}{727}$	$\frac{242}{727}$	$\frac{243}{727}$	$\Phi_{727}^{2}\,\Phi_{1}^{3}$
98839	1455	141	$\frac{2}{47}$	$\frac{3}{47}$	$\frac{44}{141}$	$\frac{1}{3}$	$\Phi_{141}^{8}\,\Phi_{47}^{15}\,\Phi_{3}^{7}\,\Phi_{1}^{15}$
98840	1455	693	$\frac{2}{99}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{693}^{2}\,\Phi_{231}^{2}\,\Phi_{99}^{3}\,\Phi_{77}^{2}\,\Phi_{63}^{2}\,\Phi_{33}^{3}\,\Phi_{11}^{3}\,\Phi_{9}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
98841	1455	396	$\frac{2}{99}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^{5}\,\Phi_{198}^{2}\,\Phi_{132}^{5}\,\Phi_{99}^{3}\,\Phi_{66}^{2}\,\Phi_{44}^{5}\,\Phi_{36}^{5}\,\Phi_{33}^{3}\,\Phi_{22}^{2}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{11}^{3}\,\Phi_{9}^{3}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
98842	1455	552	$\frac{2}{69}$	$\frac{67}{552}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{552}^{3}\,\Phi_{276}^{2}\,\Phi_{184}^{3}\,\Phi_{138}^{2}\,\Phi_{92}^{2}\,\Phi_{69}^{3}\,\Phi_{46}^{2}\,\Phi_{24}^{3}\,\Phi_{23}^{3}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
98843	1455	504	$\frac{19}{504}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{504}^{3}\,\Phi_{252}^{3}\,\Phi_{168}^{3}\,\Phi_{126}^{3}\,\Phi_{84}^{2}\,\Phi_{72}^{3}\,\Phi_{63}^{3}\,\Phi_{56}^{3}\,\Phi_{42}^{2}\,\Phi_{36}^{3}\,\Phi_{28}^{2}\,\Phi_{24}^{3}\,\Phi_{21}^{3}\,\Phi_{18}^{3}\,\Phi_{14}^{2}\,\Phi_{12}^{3}\,\Phi_{9}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
98844	1455	1008	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{47}{144}$	$\Phi_{1008}^{2}\,\Phi_{504}^{2}\,\Phi_{252}^{2}\,\Phi_{144}^{3}\,\Phi_{126}^{2}\,\Phi_{72}^{3}\,\Phi_{63}^{2}\,\Phi_{36}^{3}\,\Phi_{18}^{3}\,\Phi_{9}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
98845	1455	144	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{47}{144}$	$\Phi_{144}^{15}\,\Phi_{72}^{15}\,\Phi_{36}^{15}\,\Phi_{18}^{15}\,\Phi_{12}^{2}\,\Phi_{9}^{15}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
98846	1455	1008	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{29}{126}$	$\frac{13}{42}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{252}^2\ \Phi_{144}^2\ \Phi_{126}\ \Phi_{112}^2\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{56}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
98847	1455	1404	$\frac{1}{18}$	$\frac{17}{234}$	$\frac{1}{4}$	$\frac{217}{702}$	$\Phi_{1404}^2\ \Phi_{702}\ \Phi_{351}\ \Phi_{108}^2\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
98848	1455	700	$\frac{3}{100}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{140}^2\ \Phi_{100}^3\ \Phi_{70}^2\ \Phi_{50}^3\ \Phi_{35}^2\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
98849	1455	896	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{31}{128}$	$\frac{2}{7}$	$\Phi_{896}^2\ \Phi_{448}^2\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_7^2\ \Phi_1^3$
98850	1455	840	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{23}{120}$	$\frac{2}{7}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{120}^3\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
98851	1455	714	$\frac{5}{102}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_7^2\ \Phi_1^3$
98852	1455	112	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{112}^{13}\ \Phi_{56}^{13}\ \Phi_{28}^{13}\ \Phi_{16}^{12}\ \Phi_{14}^{13}\ \Phi_8^{12}\ \Phi_7^{15}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{15}$
98853	1455	728	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{728}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{104}^3\ \Phi_{91}^2\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_7^2\ \Phi_1^3$
98854	1455	756	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^3\ \Phi_{63}^2\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_1^3$
98855	1455	648	$\frac{1}{54}$	$\frac{53}{216}$	$\frac{1}{4}$	$\frac{163}{648}$	$\Phi_{648}^3\ \Phi_{324}^3\ \Phi_{162}^3\ \Phi_{108}^2\ \Phi_{81}^3\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
98856	1455	300	$\frac{3}{100}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^3\ \Phi_{75}^6\ \Phi_{60}^6\ \Phi_{50}^3\ \Phi_{30}^6\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{15}^6\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
98857	1455	384	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{31}{128}$	$\frac{1}{4}$	$\Phi_{384}^6\ \Phi_{192}^6\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
98858	1455	504	$\frac{19}{504}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_7^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
98859	1455	120	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{23}{120}$	$\frac{1}{4}$	$\Phi_{120}^{15}\ \Phi_{60}^{15}\ \Phi_{40}^{15}\ \Phi_{30}^{15}\ \Phi_{20}^{15}\ \Phi_{15}^{15}\ \Phi_{12}^2\ \Phi_{10}^{15}\ \Phi_6\ \Phi_5^{15}\ \Phi_4\ \Phi_3\ \Phi_1$
98860	1455	912	$\frac{13}{304}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}\ \Phi_{228}^2\ \Phi_{152}\ \Phi_{114}^2\ \Phi_{76}\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{19}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
98861	1455	108	$\frac{2}{27}$	$\frac{11}{108}$	$\frac{5}{27}$	$\frac{1}{4}$	$\Phi_{108}^{13}\ \Phi_{54}^{13}\ \Phi_{36}^{13}\ \Phi_{27}^{15}\ \Phi_{18}^{13}\ \Phi_{12}^{13}\ \Phi_9^{15}\ \Phi_6^{13}\ \Phi_4^{12}\ \Phi_3^{15}\ \Phi_2^{12}\ \Phi_1^{15}$
98862	1455	204	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{204}^{10}\ \Phi_{102}^5\ \Phi_{68}^{10}\ \Phi_{51}^5\ \Phi_{34}^5\ \Phi_{17}^5\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
98863	1455	576	$\frac{5}{96}$	$\frac{91}{576}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{72}^3\ \Phi_{64}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
98864	1455	336	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^3\ \Phi_{84}^6\ \Phi_{56}^3\ \Phi_{42}^6\ \Phi_{28}^3\ \Phi_{21}^6\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_7^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
98865	1455	312	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{312}^6\ \Phi_{156}^6\ \Phi_{104}^3\ \Phi_{78}^6\ \Phi_{52}^3\ \Phi_{39}^6\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
98866	1455	528	$\frac{43}{528}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{12}^2\ \Phi_{11}^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
98867	1455	108	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{108}^{15}\ \Phi_{54}^{15}\ \Phi_{36}^{15}\ \Phi_{27}^{15}\ \Phi_{18}^{15}\ \Phi_{12}^2\ \Phi_9^{15}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
98868	1455	960	$\frac{29}{320}$	$\frac{3}{32}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}\ \Phi_{120}^2\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}^2\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
98869	1456	363	$\frac{1}{363}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{181}{363}$	$\Phi_{363}^4\ \Phi_{121}^4\ \Phi_{33}^4\ \Phi_{11}^4\ \Phi_3^5\ \Phi_1^6$
98870	1456	291	$\frac{1}{291}$	$\frac{73}{291}$	$\frac{109}{291}$	$\frac{145}{291}$	$\Phi_{291}^5\ \Phi_{97}^5\ \Phi_3^5\ \Phi_1^6$
98871	1456	243	$\frac{1}{243}$	$\frac{61}{243}$	$\frac{1}{3}$	$\frac{121}{243}$	$\Phi_{243}^6\ \Phi_{81}^6\ \Phi_{27}^6\ \Phi_9^6\ \Phi_3^5\ \Phi_1^6$
98872	1456	725	$\frac{3}{725}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{361}{725}$	$\Phi_{725}^2\ \Phi_{145}^2\ \Phi_{29}^2\ \Phi_{25}^2\ \Phi_5^3\ \Phi_1^4$
98873	1456	828	$\frac{1}{207}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{103}{207}$	$\Phi_{828}^3\ \Phi_{276}^3\ \Phi_{207}\ \Phi_{92}^3\ \Phi_{69}\ \Phi_{36}^3\ \Phi_{23}\ \Phi_{12}^4\ \Phi_9\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
98874	1456	207	$\frac{1}{207}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{103}{207}$	$\Phi_{207}^7\ \Phi_{69}^7\ \Phi_{23}^7\ \Phi_9^8\ \Phi_3^7\ \Phi_1^8$
98875	1456	1267	$\frac{1}{181}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{90}{181}$	$\Phi_{1267}\ \Phi_{181}^2\ \Phi_7^2\ \Phi_1^4$
98876	1456	2715	$\frac{1}{181}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{90}{181}$	$\Phi_{2715}\ \Phi_{15}^2$
98877	1456	485	$\frac{3}{485}$	$\frac{61}{485}$	$\frac{212}{485}$	$\frac{241}{485}$	$\Phi_{485}^3\ \Phi_{97}^3\ \Phi_5^3\ \Phi_1^4$
98878	1456	485	$\frac{3}{485}$	$\frac{121}{485}$	$\frac{122}{485}$	$\frac{241}{485}$	$\Phi_{485}^3\ \Phi_{97}^3\ \Phi_5^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
98879	1456	365	$\frac{3}{365}$	$\frac{1}{5}$	$\frac{92}{365}$	$\frac{181}{365}$	$\Phi_{365}^4\ \Phi_{73}^4\ \Phi_5^3\ \Phi_1^4$
98880	1456	1455	$\frac{13}{1455}$	$\frac{272}{1455}$	$\frac{367}{1455}$	$\frac{721}{1455}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}\ \Phi_{97}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
98881	1456	888	$\frac{1}{111}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{55}{111}$	$\Phi_{888}^3\ \Phi_{296}^3\ \Phi_{111}\ \Phi_{37}\ \Phi_{24}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
98882	1456	555	$\frac{1}{111}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{55}{111}$	$\Phi_{555}^3\ \Phi_{185}^3\ \Phi_{111}\ \Phi_{37}\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
98883	1456	666	$\frac{1}{111}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{55}{111}$	$\Phi_{666}^3\ \Phi_{333}^3\ \Phi_{111}\ \Phi_{37}\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
98884	1456	1776	$\frac{1}{111}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{55}{111}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{592}\ \Phi_{296}\ \Phi_{111}\ \Phi_{48}\ \Phi_{37}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
98885	1456	729	$\frac{7}{729}$	$\frac{92}{729}$	$\frac{1}{3}$	$\frac{361}{729}$	$\Phi_{729}^2\ \Phi_{243}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
98886	1456	1339	$\frac{1}{103}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{51}{103}$	$\Phi_{1339}\ \Phi_{103}^2\ \Phi_{13}^2\ \Phi_1^4$
98887	1456	2472	$\frac{1}{103}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{51}{103}$	$\Phi_{2472}\ \Phi_{1236}\ \Phi_{618}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
98888	1456	97	$\frac{1}{97}$	$\frac{7}{97}$	$\frac{45}{97}$	$\frac{48}{97}$	$\Phi_{97}^{15}\ \Phi_1^{16}$
98889	1456	180	$\frac{1}{90}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{89}{180}$	$\Phi_{180}^{16}\ \Phi_{60}^{16}\ \Phi_{36}^{16}\ \Phi_{20}^{16}\ \Phi_{15}\ \Phi_{12}^{16}\ \Phi_5\ \Phi_4^{16}\ \Phi_3\ \Phi_1^2$
98890	1456	180	$\frac{1}{90}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{89}{180}$	$\Phi_{180}^{16}\ \Phi_{60}^{16}\ \Phi_{36}^{16}\ \Phi_{20}^{16}\ \Phi_{12}^{16}\ \Phi_9^2\ \Phi_4^{16}\ \Phi_3\ \Phi_1^2$
98891	1456	180	$\frac{1}{90}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{89}{180}$	$\Phi_{180}^{16}\ \Phi_{60}^{16}\ \Phi_{36}^{16}\ \Phi_{20}^{16}\ \Phi_{12}^{16}\ \Phi_5^3\ \Phi_4^{16}\ \Phi_1^4$
98892	1456	405	$\frac{1}{81}$	$\frac{41}{405}$	$\frac{1}{3}$	$\frac{40}{81}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^2\ \Phi_{45}^4\ \Phi_{27}^2\ \Phi_{15}^4\ \Phi_9^2\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
98893	1456	1095	$\frac{1}{73}$	$\frac{37}{219}$	$\frac{1}{5}$	$\frac{36}{73}$	$\Phi_{1095}^2\ \Phi_{365}\ \Phi_{15}^2$
98894	1456	1672	$\frac{3}{209}$	$\frac{1}{8}$	$\frac{53}{209}$	$\frac{103}{209}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{418}\ \Phi_{152}\ \Phi_{88}\ \Phi_{76}\ \Phi_{44}\ \Phi_{38}\ \Phi_{22}$
98895	1456	1098	$\frac{1}{61}$	$\frac{1}{9}$	$\frac{31}{122}$	$\frac{30}{61}$	$\Phi_{1098}^2\ \Phi_{549}\ \Phi_{366}^2\ \Phi_{183}\ \Phi_{18}^2\ \Phi_6^2$
98896	1456	291	$\frac{5}{291}$	$\frac{31}{291}$	$\frac{74}{291}$	$\frac{143}{291}$	$\Phi_{291}^5\ \Phi_{97}^5\ \Phi_3^5\ \Phi_1^6$
98897	1456	1431	$\frac{25}{1431}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{703}{1431}$	$\Phi_{1431}\ \Phi_{477}\ \Phi_{159}\ \Phi_{53}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
98898	1456	729	$\frac{13}{729}$	$\frac{53}{729}$	$\frac{1}{3}$	$\frac{358}{729}$	$\Phi_{729}^2\ \Phi_{243}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
98899	1456	275	$\frac{1}{55}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{27}{55}$	$\Phi_{275}^5\ \Phi_{55}^6\ \Phi_{25}^6\ \Phi_{11}^6\ \Phi_5^7\ \Phi_1^8$
98900	1456	2310	$\frac{1}{55}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{27}{55}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{105}\ \Phi_{66}\ \Phi_{42}^2\ \Phi_{30}\ \Phi_{21}^2\ \Phi_6^2$
98901	1456	165	$\frac{1}{55}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{27}{55}$	$\Phi_{165}^{10}\ \Phi_{55}^6\ \Phi_{33}^{10}\ \Phi_{15}^{12}\ \Phi_{11}^6\ \Phi_5^7\ \Phi_3^{12}\ \Phi_1^8$
98902	1456	485	$\frac{9}{485}$	$\frac{19}{485}$	$\frac{233}{485}$	$\frac{238}{485}$	$\Phi_{485}^3\ \Phi_{97}^3\ \Phi_5^3\ \Phi_1^4$
98903	1456	459	$\frac{1}{51}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{25}{51}$	$\Phi_{459}^3\ \Phi_{153}^3\ \Phi_{51}^4\ \Phi_{27}^4\ \Phi_{17}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
98904	1456	255	$\frac{1}{51}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{255}^6\ \Phi_{85}^6\ \Phi_{51}^4\ \Phi_{17}^4\ \Phi_{15}^8\ \Phi_5^8\ \Phi_3^5\ \Phi_1^6$
98905	1456	153	$\frac{1}{51}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{25}{51}$	$\Phi_{153}^9\ \Phi_{51}^{10}\ \Phi_{17}^{10}\ \Phi_9^{12}\ \Phi_3^{13}\ \Phi_1^{14}$
98906	1456	2040	$\frac{1}{51}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{25}{51}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{340}\ \Phi_{170}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
98907	1456	1455	$\frac{29}{1455}$	$\frac{53}{1455}$	$\frac{701}{1455}$	$\frac{713}{1455}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}\ \Phi_{97}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
98908	1456	1582	$\frac{3}{113}$	$\frac{1}{14}$	$\frac{29}{113}$	$\frac{55}{113}$	$\Phi_{1582}\ \Phi_{791}\ \Phi_{226}$
98909	1456	105	$\frac{1}{35}$	$\frac{1}{15}$	$\frac{9}{35}$	$\frac{17}{35}$	$\Phi_{105}^{15}\ \Phi_{35}^{12}\ \Phi_{21}^{15}\ \Phi_{15}^{14}\ \Phi_7^{12}\ \Phi_5^{11}\ \Phi_3^{14}\ \Phi_1^{12}$
98910	1456	1455	$\frac{43}{1455}$	$\frac{107}{1455}$	$\frac{337}{1455}$	$\frac{706}{1455}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}\ \Phi_{97}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
98911	1456	1672	$\frac{7}{209}$	$\frac{1}{8}$	$\frac{27}{209}$	$\frac{101}{209}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{418}\ \Phi_{152}\ \Phi_{88}\ \Phi_{76}\ \Phi_{44}\ \Phi_{38}\ \Phi_{22}$
98912	1456	1455	$\frac{49}{1455}$	$\frac{83}{1455}$	$\frac{376}{1455}$	$\frac{703}{1455}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}\ \Phi_{97}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
98913	1456	1455	$\frac{49}{1455}$	$\frac{181}{1455}$	$\frac{188}{1455}$	$\frac{703}{1455}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}\ \Phi_{97}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
98914	1456	2992	$\frac{3}{88}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{85}{176}$	$\Phi_{2992}\ \Phi_{272}\ \Phi_{68}\ \Phi_{34}$
98915	1456	729	$\frac{25}{729}$	$\frac{29}{729}$	$\frac{1}{3}$	$\frac{352}{729}$	$\Phi_{729}^2\ \Phi_{243}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
98916	1456	365	$\frac{13}{365}$	$\frac{27}{365}$	$\frac{1}{5}$	$\frac{176}{365}$	$\Phi_{365}^4\ \Phi_{73}^4\ \Phi_5^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
98917	1456	1455	$\frac{53}{1455}$	$\frac{77}{1455}$	$\frac{377}{1455}$	$\frac{701}{1455}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}\ \Phi_{97}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
98918	1456	27	$\frac{1}{27}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{27}^{54}\ \Phi_9^{54}\ \Phi_3^{53}\ \Phi_1^{54}$
98919	1456	459	$\frac{1}{27}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{13}{27}$	$\Phi_{459}^3\ \Phi_{153}^3\ \Phi_{51}^3\ \Phi_{27}^4\ \Phi_{17}^6\ \Phi_9^4\ \Phi_3^4\ \Phi_1^8$
98920	1456	1890	$\frac{1}{27}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{27}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{10}^2$
98921	1456	2175	$\frac{1}{29}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{2175}\ \Phi_{435}\ \Phi_{87}^2$
98922	1456	275	$\frac{1}{25}$	$\frac{3}{55}$	$\frac{13}{55}$	$\frac{12}{25}$	$\Phi_{275}^5\ \Phi_{55}^6\ \Phi_{25}^6\ \Phi_{11}^6\ \Phi_5^7\ \Phi_1^8$
98923	1456	75	$\frac{1}{25}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{75}^{20}\ \Phi_{25}^{16}\ \Phi_{15}^{24}\ \Phi_5^{19}\ \Phi_3^{24}\ \Phi_1^{20}$
98924	1456	825	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{12}{25}$	$\Phi_{825}^2\ \Phi_{275}\ \Phi_{165}^2\ \Phi_{75}^2\ \Phi_{55}\ \Phi_{33}^4\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
98925	1456	275	$\frac{1}{25}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{12}{25}$	$\Phi_{275}^5\ \Phi_{55}^6\ \Phi_{25}^6\ \Phi_{11}^6\ \Phi_5^7\ \Phi_1^8$
98926	1456	1800	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{12}{25}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
98927	1456	315	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{11}{63}$	$\frac{10}{21}$	$\Phi_{315}^6\ \Phi_{105}^3\ \Phi_{63}^4\ \Phi_{45}^6\ \Phi_{35}^3\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
98928	1456	792	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{47}{99}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{88}^3\ \Phi_{72}^2\ \Phi_{66}^2\ \Phi_{44}^3\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{22}^3\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
98929	1456	513	$\frac{1}{27}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{513}^3\ \Phi_{171}^3\ \Phi_{57}^3\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3^2$
98930	1456	456	$\frac{1}{19}$	$\frac{5}{57}$	$\frac{1}{8}$	$\frac{9}{19}$	$\Phi_{456}^4\ \Phi_{228}^4\ \Phi_{152}^3\ \Phi_{114}^4\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^2\ \Phi_2^2$
98931	1456	1455	$\frac{59}{1455}$	$\frac{79}{1455}$	$\frac{349}{1455}$	$\frac{688}{1455}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}\ \Phi_{97}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
98932	1456	1537	$\frac{1}{29}$	$\frac{3}{53}$	$\frac{14}{53}$	$\frac{25}{53}$	Φ_{1537}
98933	1456	1377	$\frac{2}{81}$	$\frac{79}{1377}$	$\frac{1}{3}$	$\frac{649}{1377}$	$\Phi_{1377}\ \Phi_{459}\ \Phi_{153}\ \Phi_{81}^2\ \Phi_{51}\ \Phi_{27}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
98934	1456	291	$\frac{11}{291}$	$\frac{17}{291}$	$\frac{70}{291}$	$\frac{137}{291}$	$\Phi_{291}^5\ \Phi_{97}^5\ \Phi_3^5\ \Phi_1^6$
98935	1456	735	$\frac{3}{49}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{23}{49}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}^2\ \Phi_{105}^3\ \Phi_{35}^3\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2$
98936	1456	1582	$\frac{7}{113}$	$\frac{1}{14}$	$\frac{15}{113}$	$\frac{53}{113}$	$\Phi_{1582}\ \Phi_{791}\ \Phi_{226}$
98937	1456	465	$\frac{2}{93}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{465}^3\ \Phi_{155}^3\ \Phi_{93}^4\ \Phi_{31}^4\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
98938	1456	135	$\frac{1}{45}$	$\frac{1}{15}$	$\frac{44}{135}$	$\frac{7}{15}$	$\Phi_{135}^{16}\ \Phi_{27}^{16}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
98939	1456	375	$\frac{11}{375}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{375}^4\ \Phi_{125}^4\ \Phi_{75}^4\ \Phi_{25}^4\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
98940	1456	120	$\frac{1}{30}$	$\frac{1}{15}$	$\frac{29}{120}$	$\frac{7}{15}$	$\Phi_{120}^{16}\ \Phi_{60}^{16}\ \Phi_{40}^{16}\ \Phi_{24}^{16}\ \Phi_{20}^{16}\ \Phi_{15}\ \Phi_{12}^{16}\ \Phi_8^{16}\ \Phi_5\ \Phi_4^{16}\ \Phi_3\ \Phi_1^2$
98941	1456	285	$\frac{4}{95}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{285}^5\ \Phi_{95}^6\ \Phi_{57}^5\ \Phi_{19}^6\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
98942	1456	225	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{43}{225}$	$\frac{7}{15}$	$\Phi_{225}^8\ \Phi_{75}^8\ \Phi_{25}^8\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
98943	1456	765	$\frac{37}{765}$	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^2\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
98944	1456	480	$\frac{5}{96}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^4\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{40}^3\ \Phi_{32}^4\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{16}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_8^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
98945	1456	540	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{17}{108}$	$\frac{7}{15}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^4\ \Phi_{60}^3\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
98946	1456	15	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{7}{15}$	$\Phi_{15}^{97}\ \Phi_5^{97}\ \Phi_3^{97}\ \Phi_1^{98}$
98947	1456	840	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{15}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}^4\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}^4\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
98948	1456	495	$\frac{1}{15}$	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{7}{15}$	$\Phi_{495}^3\ \Phi_{165}^3\ \Phi_{99}^4\ \Phi_{55}^3\ \Phi_{33}^4\ \Phi_{15}\ \Phi_{11}^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
98949	1456	405	$\frac{1}{15}$	$\frac{4}{45}$	$\frac{41}{405}$	$\frac{7}{15}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^4\ \Phi_{27}^4\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
98950	1456	300	$\frac{1}{15}$	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{7}{15}$	$\Phi_{300}^5\ \Phi_{150}^5\ \Phi_{100}^6\ \Phi_{75}^5\ \Phi_{60}^5\ \Phi_{50}^6\ \Phi_{25}^6\ \Phi_{20}^6\ \Phi_{15}\ \Phi_{12}^5\ \Phi_5\ \Phi_4^6\ \Phi_3\ \Phi_1^2$
98951	1456	485	$\frac{33}{485}$	$\frac{37}{485}$	$\frac{56}{485}$	$\frac{226}{485}$	$\Phi_{485}^3\ \Phi_{97}^3\ \Phi_5^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
98952	1456	365	$\frac{3}{73}$	$\frac{5}{73}$	$\frac{1}{5}$	$\frac{34}{73}$	$\Phi_{365}^{5}\ \Phi_{5}^{4}$
98953	1456	1455	$\frac{41}{1455}$	$\frac{101}{1455}$	$\frac{389}{1455}$	$\frac{677}{1455}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}\ \Phi_{97}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
98954	1456	243	$\frac{5}{243}$	$\frac{17}{243}$	$\frac{1}{3}$	$\frac{113}{243}$	$\Phi_{243}^{6}\ \Phi_{81}^{6}\ \Phi_{27}^{6}\ \Phi_{9}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
98955	1456	549	$\frac{13}{183}$	$\frac{14}{183}$	$\frac{1}{9}$	$\frac{85}{183}$	$\Phi_{549}^{3}\ \Phi_{183}^{2}\ \Phi_{61}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
98956	1456	1672	$\frac{14}{209}$	$\frac{15}{209}$	$\frac{1}{8}$	$\frac{97}{209}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{418}\ \Phi_{152}\ \Phi_{88}\ \Phi_{76}\ \Phi_{44}\ \Phi_{38}\ \Phi_{22}$
98957	1456	97	$\frac{6}{97}$	$\frac{7}{97}$	$\frac{13}{97}$	$\frac{45}{97}$	$\Phi_{97}^{15}\ \Phi_{1}^{16}$
98958	1456	365	$\frac{14}{365}$	$\frac{27}{365}$	$\frac{1}{5}$	$\frac{169}{365}$	$\Phi_{365}^{4}\ \Phi_{73}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
98959	1456	1455	$\frac{38}{1455}$	$\frac{109}{1455}$	$\frac{391}{1455}$	$\frac{673}{1455}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}\ \Phi_{97}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
98960	1456	729	$\frac{14}{729}$	$\frac{55}{729}$	$\frac{1}{3}$	$\frac{337}{729}$	$\Phi_{729}^{2}\ \Phi_{243}^{2}\ \Phi_{81}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
98961	1456	2067	$\frac{1}{53}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{2067}\ \Phi_{159}^{2}$
98962	1456	1339	$\frac{3}{103}$	$\frac{1}{13}$	$\frac{25}{103}$	$\frac{6}{13}$	$\Phi_{1339}\ \Phi_{103}^{2}\ \Phi_{13}^{2}\ \Phi_{1}^{4}$
98963	1456	1755	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{195}\ \Phi_{135}^{2}\ \Phi_{45}^{2}\ \Phi_{15}^{2}$
98964	1456	1339	$\frac{7}{103}$	$\frac{1}{13}$	$\frac{12}{103}$	$\frac{6}{13}$	$\Phi_{1339}\ \Phi_{103}^{2}\ \Phi_{13}^{2}\ \Phi_{1}^{4}$
98965	1456	1638	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{6}{13}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{234}\ \Phi_{126}^{2}\ \Phi_{78}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}$
98966	1456	456	$\frac{1}{57}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{456}^{6}\ \Phi_{152}^{6}\ \Phi_{57}^{2}\ \Phi_{24}^{4}\ \Phi_{19}^{2}\ \Phi_{8}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
98967	1456	888	$\frac{1}{37}$	$\frac{1}{12}$	$\frac{9}{37}$	$\frac{11}{24}$	$\Phi_{888}^{3}\ \Phi_{296}^{3}\ \Phi_{37}^{3}\ \Phi_{24}^{4}\ \Phi_{8}^{4}\ \Phi_{1}^{4}$
98968	1456	3480	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{145}$
98969	1456	888	$\frac{2}{37}$	$\frac{1}{12}$	$\frac{5}{37}$	$\frac{11}{24}$	$\Phi_{888}^{3}\ \Phi_{296}^{3}\ \Phi_{37}^{3}\ \Phi_{24}^{4}\ \Phi_{8}^{4}\ \Phi_{1}^{4}$
98970	1456	408	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{408}^{3}\ \Phi_{204}^{4}\ \Phi_{136}^{4}\ \Phi_{102}^{4}\ \Phi_{68}^{5}\ \Phi_{51}^{4}\ \Phi_{34}^{5}\ \Phi_{17}^{4}$
98971	1456	888	$\frac{7}{111}$	$\frac{1}{12}$	$\frac{13}{111}$	$\frac{11}{24}$	$\Phi_{888}^{3}\ \Phi_{296}^{3}\ \Phi_{111}\ \Phi_{37}\ \Phi_{24}^{4}\ \Phi_{8}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
98972	1456	360	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{24}$	$\Phi_{360}^{9}\ \Phi_{120}^{6}\ \Phi_{72}^{6}\ \Phi_{45}^{3}\ \Phi_{40}^{6}\ \Phi_{24}^{4}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{4}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
98973	1456	440	$\frac{3}{55}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{440}^{4}\ \Phi_{220}^{4}\ \Phi_{110}^{4}\ \Phi_{88}^{3}\ \Phi_{44}^{3}\ \Phi_{40}^{4}\ \Phi_{22}^{3}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
98974	1456	760	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{1}{8}$	$\frac{43}{95}$	$\Phi_{760}^{2}\ \Phi_{380}^{2}\ \Phi_{190}^{2}\ \Phi_{152}^{3}\ \Phi_{76}^{3}\ \Phi_{40}^{2}\ \Phi_{38}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
98975	1456	1537	$\frac{1}{53}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	Φ_{1537}
98976	1456	1455	$\frac{31}{1455}$	$\frac{157}{1455}$	$\frac{356}{1455}$	$\frac{649}{1455}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}\ \Phi_{97}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
98977	1456	1455	$\frac{62}{1455}$	$\frac{157}{1455}$	$\frac{199}{1455}$	$\frac{649}{1455}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}\ \Phi_{97}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
98978	1456	369	$\frac{5}{369}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{369}^{4}\ \Phi_{123}^{4}\ \Phi_{41}^{4}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
98979	1456	342	$\frac{1}{57}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{342}^{6}\ \Phi_{171}^{3}\ \Phi_{114}^{6}\ \Phi_{57}^{2}\ \Phi_{38}^{6}\ \Phi_{19}^{2}\ \Phi_{18}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
98980	1456	1582	$\frac{1}{14}$	$\frac{9}{113}$	$\frac{13}{113}$	$\frac{50}{113}$	$\Phi_{1582}\ \Phi_{791}\ \Phi_{226}$
98981	1456	1455	$\frac{103}{1455}$	$\frac{116}{1455}$	$\frac{169}{1455}$	$\frac{643}{1455}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}\ \Phi_{97}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
98982	1456	1672	$\frac{9}{209}$	$\frac{25}{209}$	$\frac{1}{8}$	$\frac{92}{209}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{418}\ \Phi_{152}\ \Phi_{88}\ \Phi_{76}\ \Phi_{44}\ \Phi_{38}\ \Phi_{22}$
98983	1456	513	$\frac{1}{27}$	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{25}{57}$	$\Phi_{513}^{3}\ \Phi_{171}^{3}\ \Phi_{57}^{2}\ \Phi_{27}^{2}\ \Phi_{19}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
98984	1456	162	$\frac{1}{81}$	$\frac{10}{81}$	$\frac{1}{3}$	$\frac{71}{162}$	$\Phi_{162}^{16}\ \Phi_{81}^{2}\ \Phi_{54}^{16}\ \Phi_{27}^{2}\ \Phi_{18}^{16}\ \Phi_{9}^{2}\ \Phi_{6}^{16}\ \Phi_{3}\ \Phi_{2}^{16}\ \Phi_{1}^{2}$
98985	1456	485	$\frac{21}{485}$	$\frac{58}{485}$	$\frac{61}{485}$	$\frac{212}{485}$	$\Phi_{485}^{3}\ \Phi_{97}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
98986	1456	1455	$\frac{103}{1455}$	$\frac{104}{1455}$	$\frac{193}{1455}$	$\frac{631}{1455}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}\ \Phi_{97}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
98987	1456	1582	$\frac{8}{113}$	$\frac{1}{14}$	$\frac{15}{113}$	$\frac{49}{113}$	$\Phi_{1582}\ \Phi_{791}\ \Phi_{226}$
98988	1456	549	$\frac{8}{183}$	$\frac{1}{9}$	$\frac{25}{183}$	$\frac{79}{183}$	$\Phi_{549}^{3}\ \Phi_{183}^{2}\ \Phi_{61}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
98989	1456	485	$\frac{16}{485}$	$\frac{67}{485}$	$\frac{69}{485}$	$\frac{209}{485}$	$\Phi_{485}^{3}\ \Phi_{97}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
98990	1456	365	$\frac{8}{365}$	$\frac{51}{365}$	$\frac{1}{5}$	$\frac{157}{365}$	$\Phi_{365}^{4}\ \Phi_{73}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
98991	1456	291	$\frac{4}{291}$	$\frac{41}{291}$	$\frac{83}{291}$	$\frac{125}{291}$	$\Phi_{291}^{5}\ \Phi_{97}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
98992	1456	729	$\frac{8}{729}$	$\frac{103}{729}$	$\frac{1}{3}$	$\frac{313}{729}$	$\Phi_{729}^{2}\ \Phi_{243}^{2}\ \Phi_{81}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
98993	1456	1932	$\frac{1}{92}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{483}\ \Phi_{276}^{2}\ \Phi_{138}^{2}\ \Phi_{84}\ \Phi_{69}^{2}\ \Phi_{42}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
98994	1456	1267	$\frac{6}{181}$	$\frac{25}{181}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1267}\ \Phi_{181}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
98995	1456	1512	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}^{2}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}^{2}\ \Phi_{84}\ \Phi_{72}^{2}\ \Phi_{54}^{2}\ \Phi_{42}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
98996	1456	1267	$\frac{12}{181}$	$\frac{13}{181}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1267}\ \Phi_{181}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
98997	1456	210	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{210}^{8}\ \Phi_{105}^{7}\ \Phi_{70}^{8}\ \Phi_{42}^{8}\ \Phi_{35}^{7}\ \Phi_{30}^{8}\ \Phi_{21}^{7}\ \Phi_{15}^{6}\ \Phi_{10}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{6}$
98998	1456	45	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{19}{45}$	$\Phi_{45}^{28}\ \Phi_{15}^{41}\ \Phi_{9}^{28}\ \Phi_{5}^{41}\ \Phi_{3}^{41}\ \Phi_{1}^{42}$
98999	1456	420	$\frac{1}{105}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{420}^{6}\ \Phi_{140}^{6}\ \Phi_{105}^{2}\ \Phi_{84}^{6}\ \Phi_{60}^{6}\ \Phi_{35}^{2}\ \Phi_{28}^{6}\ \Phi_{21}^{2}\ \Phi_{20}^{6}\ \Phi_{15}^{2}\ \Phi_{12}^{4}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
99000	1456	276	$\frac{1}{69}$	$\frac{1}{6}$	$\frac{17}{69}$	$\frac{5}{12}$	$\Phi_{276}^{9}\ \Phi_{92}^{9}\ \Phi_{69}^{3}\ \Phi_{23}^{3}\ \Phi_{12}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
99001	1456	3180	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{3180}\ \Phi_{1060}\ \Phi_{265}$
99002	1456	828	$\frac{7}{207}$	$\frac{25}{207}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{828}^{3}\ \Phi_{276}^{3}\ \Phi_{207}\ \Phi_{92}^{3}\ \Phi_{69}\ \Phi_{36}^{3}\ \Phi_{23}\ \Phi_{12}^{4}\ \Phi_{9}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
99003	1456	108	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{108}^{24}\ \Phi_{36}^{21}\ \Phi_{27}^{8}\ \Phi_{12}^{22}\ \Phi_{9}^{7}\ \Phi_{4}^{22}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
99004	1456	1380	$\frac{1}{23}$	$\frac{11}{115}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1380}^{2}\ \Phi_{460}^{2}\ \Phi_{276}\ \Phi_{115}^{2}\ \Phi_{92}\ \Phi_{60}^{2}\ \Phi_{23}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
99005	1456	276	$\frac{4}{69}$	$\frac{5}{69}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{276}^{9}\ \Phi_{92}^{9}\ \Phi_{69}^{3}\ \Phi_{23}^{3}\ \Phi_{12}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
99006	1456	1428	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1428}^{2}\ \Phi_{476}^{2}\ \Phi_{238}\ \Phi_{204}\ \Phi_{119}\ \Phi_{68}\ \Phi_{34}$
99007	1456	1564	$\frac{1}{92}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1564}\ \Phi_{782}\ \Phi_{391}\ \Phi_{68}\ \Phi_{34}$
99008	1456	1215	$\frac{2}{243}$	$\frac{241}{1215}$	$\frac{1}{3}$	$\frac{487}{1215}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}^{2}\ \Phi_{135}\ \Phi_{81}^{2}\ \Phi_{45}\ \Phi_{27}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
99009	1456	210	$\frac{1}{105}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{210}^{10}\ \Phi_{105}^{4}\ \Phi_{70}^{10}\ \Phi_{42}^{10}\ \Phi_{35}^{4}\ \Phi_{30}^{10}\ \Phi_{21}^{4}\ \Phi_{15}^{4}\ \Phi_{14}^{10}\ \Phi_{10}^{8}\ \Phi_{7}^{4}\ \Phi_{6}^{10}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
99010	1456	185	$\frac{3}{185}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{185}^{8}\ \Phi_{37}^{8}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
99011	1456	435	$\frac{3}{145}$	$\frac{71}{435}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{435}^{4}\ \Phi_{145}^{2}\ \Phi_{87}^{4}\ \Phi_{29}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
99012	1456	375	$\frac{11}{375}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{375}^{4}\ \Phi_{125}^{4}\ \Phi_{75}^{4}\ \Phi_{25}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
99013	1456	165	$\frac{3}{55}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{165}^{10}\ \Phi_{55}^{8}\ \Phi_{33}^{10}\ \Phi_{15}^{4}\ \Phi_{11}^{8}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
99014	1456	1455	$\frac{34}{1455}$	$\frac{203}{1455}$	$\frac{313}{1455}$	$\frac{571}{1455}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}\ \Phi_{97}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
99015	1456	513	$\frac{1}{27}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{513}^{3}\ \Phi_{171}^{3}\ \Phi_{57}^{2}\ \Phi_{27}^{2}\ \Phi_{19}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
99016	1456	1455	$\frac{64}{1455}$	$\frac{107}{1455}$	$\frac{337}{1455}$	$\frac{559}{1455}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}\ \Phi_{97}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
99017	1456	485	$\frac{23}{485}$	$\frac{33}{485}$	$\frac{113}{485}$	$\frac{186}{485}$	$\Phi_{485}^{3}\ \Phi_{97}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
99018	1456	97	$\frac{5}{97}$	$\frac{6}{97}$	$\frac{23}{97}$	$\frac{37}{97}$	$\Phi_{97}^{15}\ \Phi_{1}^{16}$
99019	1456	105	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{5}{21}$	$\frac{8}{21}$	$\Phi_{105}^{15}\ \Phi_{35}^{15}\ \Phi_{21}^{10}\ \Phi_{15}^{14}\ \Phi_{7}^{10}\ \Phi_{5}^{14}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
99020	1456	1582	$\frac{5}{113}$	$\frac{1}{14}$	$\frac{27}{113}$	$\frac{43}{113}$	$\Phi_{1582}\ \Phi_{791}\ \Phi_{226}$
99021	1456	485	$\frac{17}{485}$	$\frac{43}{485}$	$\frac{117}{485}$	$\frac{184}{485}$	$\Phi_{485}^{3}\ \Phi_{97}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
99022	1456	1672	$\frac{5}{209}$	$\frac{1}{8}$	$\frac{51}{209}$	$\frac{79}{209}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{418}\ \Phi_{152}\ \Phi_{88}\ \Phi_{76}\ \Phi_{44}\ \Phi_{38}\ \Phi_{22}$
99023	1456	730	$\frac{1}{73}$	$\frac{1}{5}$	$\frac{18}{73}$	$\frac{55}{146}$	$\Phi_{730}^{4}\ \Phi_{365}\ \Phi_{10}^{4}$
99024	1456	1455	$\frac{11}{1455}$	$\frac{361}{1455}$	$\frac{454}{1455}$	$\frac{547}{1455}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}\ \Phi_{97}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
99025	1456	729	$\frac{5}{729}$	$\frac{181}{729}$	$\frac{1}{3}$	$\frac{274}{729}$	$\Phi_{729}^{2}\ \Phi_{243}^{2}\ \Phi_{81}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
99026	1456	1632	$\frac{5}{96}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
99027	1456	291	$\frac{1}{97}$	$\frac{24}{97}$	$\frac{73}{291}$	$\frac{109}{291}$	$\Phi_{291}^{4}\ \Phi_{97}^{7}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
99028	1456	2346	$\frac{1}{23}$	$\frac{1}{17}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{2346}\ \Phi_{782}\ \Phi_{391}\ \Phi_{102}\ \Phi_{34}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
99029	1456	97	$\frac{4}{97}$	$\frac{6}{97}$	$\frac{31}{97}$	$\frac{33}{97}$	$\Phi_{97}^{15}\ \Phi_{1}^{16}$
99030	1456	1095	$\frac{4}{365}$	$\frac{1}{5}$	$\frac{361}{1095}$	$\frac{367}{1095}$	$\Phi_{1095}\ \Phi_{365}^{2}\ \Phi_{219}\ \Phi_{73}^{2}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
99031	1456	183	$\frac{1}{183}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{183}^{8}\ \Phi_{61}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
99032	1456	1089	$\frac{2}{363}$	$\frac{361}{1089}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1089}^{2}\ \Phi_{99}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
99033	1456	363	$\frac{1}{121}$	$\frac{30}{121}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{363}^{3}\ \Phi_{121}^{6}\ \Phi_{33}^{3}\ \Phi_{11}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
99034	1456	315	$\frac{1}{105}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{315}^{6}\ \Phi_{105}^{2}\ \Phi_{63}^{6}\ \Phi_{45}^{6}\ \Phi_{35}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{4}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
99035	1456	1380	$\frac{1}{92}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}^{2}\ \Phi_{345}\ \Phi_{230}^{2}\ \Phi_{115}^{2}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
99036	1456	363	$\frac{2}{121}$	$\frac{17}{121}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{363}^{3}\ \Phi_{121}^{6}\ \Phi_{33}^{3}\ \Phi_{11}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
99037	1456	285	$\frac{1}{57}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{285}^{6}\ \Phi_{95}^{6}\ \Phi_{57}^{2}\ \Phi_{19}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
99038	1456	1272	$\frac{1}{53}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1272}\ \Phi_{636}\ \Phi_{424}^{2}\ \Phi_{318}\ \Phi_{212}^{2}\ \Phi_{106}^{2}$
99039	1456	279	$\frac{2}{93}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{279}^{6}\ \Phi_{93}^{4}\ \Phi_{31}^{4}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
99040	1456	561	$\frac{5}{187}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{561}^{2}\ \Phi_{187}^{4}\ \Phi_{51}^{2}\ \Phi_{33}\ \Phi_{17}^{4}\ \Phi_{11}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
99041	1456	99	$\frac{1}{33}$	$\frac{8}{99}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{99}^{16}\ \Phi_{33}^{12}\ \Phi_{11}^{12}\ \Phi_{9}^{16}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
99042	1456	363	$\frac{4}{121}$	$\frac{9}{121}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{363}^{3}\ \Phi_{121}^{6}\ \Phi_{33}^{3}\ \Phi_{11}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
99043	1456	1218	$\frac{1}{29}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{406}^{2}\ \Phi_{203}^{2}\ \Phi_{174}\ \Phi_{58}^{2}$
99044	1456	363	$\frac{13}{363}$	$\frac{25}{363}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{363}^{4}\ \Phi_{121}^{4}\ \Phi_{33}^{4}\ \Phi_{11}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
99045	1456	135	$\frac{1}{27}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{135}^{12}\ \Phi_{45}^{12}\ \Phi_{27}^{8}\ \Phi_{15}^{8}\ \Phi_{9}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
99046	1456	759	$\frac{31}{759}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{759}^{2}\ \Phi_{253}^{2}\ \Phi_{69}^{2}\ \Phi_{23}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
99047	1456	135	$\frac{1}{45}$	$\frac{1}{9}$	$\frac{44}{135}$	$\frac{1}{3}$	$\Phi_{135}^{16}\ \Phi_{27}^{16}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
99048	1456	765	$\frac{2}{51}$	$\frac{1}{15}$	$\frac{49}{153}$	$\frac{1}{3}$	$\Phi_{765}^{3}\ \Phi_{153}^{2}\ \Phi_{45}^{3}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
99049	1456	81	$\frac{1}{27}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{81}^{26}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
99050	1456	342	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{342}^{6}\ \Phi_{171}^{6}\ \Phi_{57}^{2}\ \Phi_{19}^{2}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
99051	1456	243	$\frac{1}{81}$	$\frac{20}{81}$	$\frac{61}{243}$	$\frac{1}{3}$	$\Phi_{243}^{8}\ \Phi_{81}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
99052	1456	912	$\frac{1}{57}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{912}^{2}\ \Phi_{456}^{2}\ \Phi_{304}^{2}\ \Phi_{152}^{2}\ \Phi_{57}^{2}\ \Phi_{48}\ \Phi_{24}\ \Phi_{19}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
99053	1456	207	$\frac{1}{69}$	$\frac{2}{9}$	$\frac{17}{69}$	$\frac{1}{3}$	$\Phi_{207}^{9}\ \Phi_{69}^{3}\ \Phi_{23}^{3}\ \Phi_{9}^{10}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
99054	1456	555	$\frac{1}{37}$	$\frac{2}{15}$	$\frac{9}{37}$	$\frac{1}{3}$	$\Phi_{555}^{3}\ \Phi_{185}^{3}\ \Phi_{37}^{3}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
99055	1456	2472	$\frac{3}{103}$	$\frac{1}{8}$	$\frac{25}{103}$	$\frac{1}{3}$	$\Phi_{2472}\ \Phi_{1236}\ \Phi_{618}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
99056	1456	360	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{29}{120}$	$\frac{1}{3}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{4}\ \Phi_{72}^{6}\ \Phi_{60}^{4}\ \Phi_{40}^{4}\ \Phi_{36}^{6}\ \Phi_{24}^{4}\ \Phi_{20}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
99057	1456	729	$\frac{25}{729}$	$\frac{79}{729}$	$\frac{176}{729}$	$\frac{1}{3}$	$\Phi_{729}^{2}\ \Phi_{243}^{2}\ \Phi_{81}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
99058	1456	2310	$\frac{3}{55}$	$\frac{1}{14}$	$\frac{13}{55}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{105}\ \Phi_{66}\ \Phi_{42}^{2}\ \Phi_{30}\ \Phi_{21}^{2}\ \Phi_{6}^{2}$
99059	1456	255	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{255}^{6}\ \Phi_{85}^{6}\ \Phi_{51}^{3}\ \Phi_{17}^{6}\ \Phi_{15}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
99060	1456	729	$\frac{43}{729}$	$\frac{49}{729}$	$\frac{170}{729}$	$\frac{1}{3}$	$\Phi_{729}^{2}\ \Phi_{243}^{2}\ \Phi_{81}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
99061	1456	729	$\frac{40}{729}$	$\frac{53}{729}$	$\frac{169}{729}$	$\frac{1}{3}$	$\Phi_{729}^{2}\ \Phi_{243}^{2}\ \Phi_{81}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
99062	1456	2385	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2385}\ \Phi_{265}$
99063	1456	207	$\frac{7}{207}$	$\frac{25}{207}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{207}^{7}\ \Phi_{69}^{7}\ \Phi_{23}^{7}\ \Phi_{9}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
99064	1456	27	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{27}^{56}\ \Phi_{9}^{50}\ \Phi_{3}^{49}\ \Phi_{1}^{50}$
99065	1456	1035	$\frac{1}{23}$	$\frac{11}{115}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1035}^{2}\ \Phi_{207}\ \Phi_{115}^{2}\ \Phi_{45}^{2}\ \Phi_{23}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
99066	1456	207	$\frac{4}{69}$	$\frac{5}{69}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{207}^{9}\ \Phi_{69}^{3}\ \Phi_{23}^{3}\ \Phi_{9}^{10}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
99067	1456	2142	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{306}\ \Phi_{238}\ \Phi_{119}\ \Phi_{34}$
99068	1456	729	$\frac{22}{729}$	$\frac{101}{729}$	$\frac{157}{729}$	$\frac{1}{3}$	$\Phi_{729}^2\ \Phi_{243}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
99069	1456	465	$\frac{2}{93}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{465}^3\ \Phi_{155}^3\ \Phi_{93}^4\ \Phi_{31}^4\ \Phi_5^3\ \Phi_1^4$
99070	1456	2715	$\frac{6}{181}$	$\frac{25}{181}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2715}\ \Phi_{15}^2$
99071	1456	435	$\frac{1}{29}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{435}^3\ \Phi_{145}^4\ \Phi_{87}^4\ \Phi_{29}^4$
99072	1456	1080	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
99073	1456	855	$\frac{4}{95}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{855}^2\ \Phi_{285}\ \Phi_{171}^2\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{19}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
99074	1456	2715	$\frac{12}{181}$	$\frac{13}{181}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2715}\ \Phi_{15}^2$
99075	1456	210	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^7\ \Phi_{105}^7\ \Phi_{70}^8\ \Phi_{42}^8\ \Phi_{35}^8\ \Phi_{30}^7\ \Phi_{21}^8\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_7^8\ \Phi_6^8\ \Phi_2^8$
99076	1456	225	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{43}{225}$	$\frac{1}{3}$	$\Phi_{225}^8\ \Phi_{75}^8\ \Phi_{25}^8\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
99077	1456	765	$\frac{37}{765}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^2\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
99078	1456	288	$\frac{5}{96}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{288}^6\ \Phi_{144}^6\ \Phi_{96}^4\ \Phi_{72}^6\ \Phi_{48}^4\ \Phi_{36}^6\ \Phi_{32}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
99079	1456	108	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{17}{108}$	$\frac{1}{3}$	$\Phi_{108}^{16}\ \Phi_{54}^{16}\ \Phi_{36}^{16}\ \Phi_{27}^{16}\ \Phi_{12}^{16}\ \Phi_9^2\ \Phi_4^{16}\ \Phi_3\ \Phi_1^2$
99080	1456	462	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{3}$	$\Phi_{462}^3\ \Phi_{231}^3\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}^3\ \Phi_{42}^4\ \Phi_{22}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_2^4$
99081	1456	555	$\frac{2}{37}$	$\frac{2}{15}$	$\frac{5}{37}$	$\frac{1}{3}$	$\Phi_{555}^3\ \Phi_{185}^3\ \Phi_{37}^3\ \Phi_{15}^4\ \Phi_5^4\ \Phi_1^4$
99082	1456	2040	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
99083	1456	555	$\frac{7}{111}$	$\frac{13}{111}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{555}^3\ \Phi_{185}^3\ \Phi_{111}\ \Phi_{37}\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
99084	1456	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{45}^{36}\ \Phi_{15}^{24}\ \Phi_9^{38}\ \Phi_5^{24}\ \Phi_3^{25}\ \Phi_1^{26}$
99085	1456	729	$\frac{50}{729}$	$\frac{79}{729}$	$\frac{97}{729}$	$\frac{1}{3}$	$\Phi_{729}^2\ \Phi_{243}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
99086	1456	2310	$\frac{1}{14}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{105}\ \Phi_{66}\ \Phi_{42}^2\ \Phi_{30}\ \Phi_{21}^2\ \Phi_6^2$
99087	1456	729	$\frac{49}{729}$	$\frac{85}{729}$	$\frac{92}{729}$	$\frac{1}{3}$	$\Phi_{729}^2\ \Phi_{243}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
99088	1456	2472	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{2472}\ \Phi_{1236}\ \Phi_{618}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
99089	1456	504	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^4\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^4\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
99090	1456	99	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{99}^{16}\ \Phi_{33}^{16}\ \Phi_{11}^{16}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
99091	1456	405	$\frac{4}{45}$	$\frac{41}{405}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^4\ \Phi_{27}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
99092	1456	900	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{36}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
99093	1456	135	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{44}{135}$	$\Phi_{135}^{16}\ \Phi_{27}^{16}\ \Phi_5^3\ \Phi_1^4$
99094	1456	165	$\frac{2}{55}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{53}{165}$	$\Phi_{165}^8\ \Phi_{55}^{10}\ \Phi_{33}^8\ \Phi_{15}^{10}\ \Phi_{11}^{10}\ \Phi_5^{11}\ \Phi_3^{10}\ \Phi_1^{12}$
99095	1456	135	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{31}{135}$	$\frac{14}{45}$	$\Phi_{135}^{14}\ \Phi_{27}^{14}\ \Phi_{15}^{13}\ \Phi_5^{13}\ \Phi_3^{13}\ \Phi_1^{14}$
99096	1456	2244	$\frac{1}{17}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{561}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
99097	1456	75	$\frac{1}{15}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{75}$	$\Phi_{75}^{18}\ \Phi_{25}^{20}\ \Phi_{15}^{22}\ \Phi_5^{23}\ \Phi_3^{22}\ \Phi_1^{24}$
99098	1456	1848	$\frac{1}{11}$	$\frac{23}{231}$	$\frac{1}{8}$	$\frac{10}{33}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{168}\ \Phi_{154}\ \Phi_{88}\ \Phi_{84}\ \Phi_{56}\ \Phi_{44}\ \Phi_{42}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}$
99099	1456	2376	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{8}$	$\frac{89}{297}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{216}\ \Phi_{108}\ \Phi_{88}\ \Phi_{54}\ \Phi_{44}\ \Phi_{22}$
99100	1456	735	$\frac{1}{15}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{147}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}\ \Phi_{105}^3\ \Phi_{49}^2\ \Phi_{35}^3\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
99101	1456	666	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{9}{37}$	$\frac{5}{18}$	$\Phi_{666}^3\ \Phi_{333}^3\ \Phi_{37}^3\ \Phi_{18}^4\ \Phi_9^4\ \Phi_1^4$
99102	1456	2610	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{2610}\ \Phi_{1305}\ \Phi_{145}$
99103	1456	666	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{666}^3\ \Phi_{333}^3\ \Phi_{37}^3\ \Phi_{18}^4\ \Phi_9^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
99104	1456	1224	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1224}^{2}\ \Phi_{612}^{2}\ \Phi_{306}\ \Phi_{153}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
99105	1456	666	$\frac{7}{111}$	$\frac{13}{111}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{666}^{3}\ \Phi_{333}^{3}\ \Phi_{111}\ \Phi_{37}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
99106	1456	90	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{90}^{15}\ \Phi_{45}^{18}\ \Phi_{30}^{18}\ \Phi_{18}^{10}\ \Phi_{15}^{20}\ \Phi_{10}^{18}\ \Phi_{9}^{12}\ \Phi_{6}^{12}\ \Phi_{5}^{20}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
99107	1456	2280	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{18}{95}$	$\frac{77}{285}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{120}\ \Phi_{114}\ \Phi_{76}\ \Phi_{60}\ \Phi_{38}\ \Phi_{30}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
99108	1456	375	$\frac{11}{375}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{375}^{4}\ \Phi_{125}^{4}\ \Phi_{75}^{4}\ \Phi_{25}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
99109	1456	513	$\frac{1}{27}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{513}^{3}\ \Phi_{171}^{3}\ \Phi_{57}^{3}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}$
99110	1456	97	$\frac{6}{97}$	$\frac{9}{97}$	$\frac{22}{97}$	$\frac{25}{97}$	$\Phi_{97}^{15}\ \Phi_{1}^{16}$
99111	1456	592	$\frac{1}{37}$	$\frac{3}{16}$	$\frac{9}{37}$	$\frac{1}{4}$	$\Phi_{592}^{3}\ \Phi_{296}^{3}\ \Phi_{37}^{3}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{1}^{4}$
99112	1456	2320	$\frac{1}{29}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2320}\ \Phi_{1160}\ \Phi_{145}$
99113	1456	592	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{592}^{3}\ \Phi_{296}^{3}\ \Phi_{37}^{3}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{1}^{4}$
99114	1456	272	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{272}^{7}\ \Phi_{136}^{4}\ \Phi_{68}^{5}\ \Phi_{34}^{5}\ \Phi_{17}^{4}$
99115	1456	1776	$\frac{7}{111}$	$\frac{13}{111}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{592}\ \Phi_{296}\ \Phi_{111}\ \Phi_{48}\ \Phi_{37}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
99116	1456	720	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{2}\ \Phi_{144}^{2}\ \Phi_{120}^{2}\ \Phi_{80}^{2}\ \Phi_{72}^{2}\ \Phi_{48}\ \Phi_{45}^{3}\ \Phi_{40}^{2}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
99117	1456	120	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{29}{120}$	$\Phi_{120}^{16}\ \Phi_{60}^{16}\ \Phi_{40}^{16}\ \Phi_{24}^{16}\ \Phi_{20}^{16}\ \Phi_{12}^{16}\ \Phi_{8}^{16}\ \Phi_{5}^{3}\ \Phi_{4}^{16}\ \Phi_{1}^{4}$
99118	1456	165	$\frac{3}{55}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{55}$	$\Phi_{165}^{10}\ \Phi_{55}^{6}\ \Phi_{33}^{10}\ \Phi_{15}^{12}\ \Phi_{11}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{12}\ \Phi_{1}^{8}$
99119	1456	153	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{4}{17}$	$\Phi_{153}^{9}\ \Phi_{51}^{9}\ \Phi_{17}^{12}\ \Phi_{9}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{16}$
99120	1456	680	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{17}$	$\Phi_{680}^{3}\ \Phi_{340}^{3}\ \Phi_{170}^{3}\ \Phi_{40}^{4}\ \Phi_{20}^{4}\ \Phi_{10}^{4}$
99121	1456	485	$\frac{29}{485}$	$\frac{53}{485}$	$\frac{108}{485}$	$\frac{114}{485}$	$\Phi_{485}^{3}\ \Phi_{97}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
99122	1456	1672	$\frac{13}{209}$	$\frac{1}{8}$	$\frac{40}{209}$	$\frac{49}{209}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{418}\ \Phi_{152}\ \Phi_{88}\ \Phi_{76}\ \Phi_{44}\ \Phi_{38}\ \Phi_{22}$
99123	1456	485	$\frac{33}{485}$	$\frac{56}{485}$	$\frac{93}{485}$	$\frac{113}{485}$	$\Phi_{485}^{3}\ \Phi_{97}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
99124	1456	365	$\frac{5}{73}$	$\frac{8}{73}$	$\frac{1}{5}$	$\frac{17}{73}$	$\Phi_{365}^{5}\ \Phi_{5}^{4}$
99125	1456	630	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}^{3}\ \Phi_{105}^{3}\ \Phi_{90}^{3}\ \Phi_{70}^{4}\ \Phi_{35}^{4}\ \Phi_{30}^{3}\ \Phi_{10}^{4}$
99126	1456	1582	$\frac{1}{14}$	$\frac{13}{113}$	$\frac{22}{113}$	$\frac{25}{113}$	$\Phi_{1582}\ \Phi_{791}\ \Phi_{226}$
99127	1456	97	$\frac{6}{97}$	$\frac{13}{97}$	$\frac{19}{97}$	$\frac{21}{97}$	$\Phi_{97}^{15}\ \Phi_{1}^{16}$
99128	1456	365	$\frac{22}{365}$	$\frac{49}{365}$	$\frac{1}{5}$	$\frac{79}{365}$	$\Phi_{365}^{4}\ \Phi_{73}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
99129	1456	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{33}$	$\frac{7}{33}$	$\Phi_{264}^{6}\ \Phi_{132}^{6}\ \Phi_{88}^{7}\ \Phi_{66}^{6}\ \Phi_{44}^{7}\ \Phi_{24}^{6}\ \Phi_{22}^{7}\ \Phi_{12}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
99130	1456	456	$\frac{5}{57}$	$\frac{1}{8}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{456}^{4}\ \Phi_{228}^{4}\ \Phi_{152}^{3}\ \Phi_{114}^{4}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
99131	1456	95	$\frac{4}{95}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{95}^{16}\ \Phi_{19}^{16}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
99132	1456	225	$\frac{2}{45}$	$\frac{43}{225}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{225}^{8}\ \Phi_{75}^{8}\ \Phi_{25}^{8}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
99133	1456	480	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{3}\ \Phi_{120}^{3}\ \Phi_{96}^{4}\ \Phi_{80}^{3}\ \Phi_{60}^{3}\ \Phi_{48}^{4}\ \Phi_{40}^{3}\ \Phi_{32}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{3}\ \Phi_{16}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
99134	1456	540	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{540}^{3}\ \Phi_{270}^{3}\ \Phi_{180}^{3}\ \Phi_{135}^{3}\ \Phi_{108}^{4}\ \Phi_{60}^{3}\ \Phi_{54}^{4}\ \Phi_{36}^{4}\ \Phi_{27}^{4}\ \Phi_{20}^{3}\ \Phi_{12}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
99135	1456	15	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{15}^{96}\ \Phi_{5}^{99}\ \Phi_{3}^{96}\ \Phi_{1}^{100}$
99136	1456	280	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{280}^{6}\ \Phi_{140}^{6}\ \Phi_{70}^{3}\ \Phi_{56}^{8}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{8}\ \Phi_{20}^{3}\ \Phi_{14}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
99137	1456	495	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{495}^{3}\ \Phi_{165}^{3}\ \Phi_{99}^{4}\ \Phi_{55}^{3}\ \Phi_{33}^{4}\ \Phi_{11}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
99138	1456	405	$\frac{4}{45}$	$\frac{41}{405}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{405}^{4}\ \Phi_{135}^{4}\ \Phi_{81}^{4}\ \Phi_{27}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
99139	1456	100	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{100}^{16}\ \Phi_{50}^{16}\ \Phi_{25}^{16}\ \Phi_{20}^{16}\ \Phi_{5}^{3}\ \Phi_{4}^{16}\ \Phi_{1}^{4}$
99140	1456	375	$\frac{1}{15}$	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\Phi_{375}^{5}\ \Phi_{125}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
99141	1456	165	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{5}{33}$	$\frac{1}{5}$	$\Phi_{165}^{8}\ \Phi_{55}^{9}\ \Phi_{33}^{10}\ \Phi_{15}^{10}\ \Phi_{11}^{10}\ \Phi_{5}^{10}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
99142	1456	165	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{165}^{10}\ \Phi_{55}^{6}\ \Phi_{33}^{10}\ \Phi_{15}^{12}\ \Phi_{11}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{12}\ \Phi_{1}^{8}$
99143	1456	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}^{3}\ \Phi_{90}^{5}\ \Phi_{72}^{6}\ \Phi_{60}^{3}\ \Phi_{40}^{4}\ \Phi_{36}^{6}\ \Phi_{30}^{3}\ \Phi_{24}^{4}\ \Phi_{20}^{4}\ \Phi_{18}^{6}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
99144	1456	119	$\frac{2}{17}$	$\frac{15}{119}$	$\frac{1}{7}$	$\frac{3}{17}$	$\Phi_{119}^{12}\ \Phi_{17}^{14}\ \Phi_{7}^{11}\ \Phi_{1}^{14}$
99145	1457	2496	$\frac{1}{208}$	$\frac{209}{1248}$	$\frac{1039}{2496}$	$\frac{207}{416}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{416}\ \Phi_{192}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
99146	1457	2688	$\frac{1}{112}$	$\frac{113}{1344}$	$\frac{1231}{2688}$	$\frac{111}{224}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{224}\ \Phi_{128}\ \Phi_{32}\ \Phi_{1}$
99147	1457	2016	$\frac{1}{112}$	$\frac{113}{672}$	$\frac{559}{2016}$	$\frac{111}{224}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
99148	1457	1792	$\frac{1}{112}$	$\frac{335}{1792}$	$\frac{113}{448}$	$\frac{111}{224}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{256}\ \Phi_{224}\ \Phi_{128}\ \Phi_{32}\ \Phi_{1}$
99149	1457	1752	$\frac{3}{292}$	$\frac{295}{1752}$	$\frac{1}{4}$	$\frac{289}{584}$	$\Phi_{1752}\ \Phi_{876}\ \Phi_{438}\ \Phi_{292}\ \Phi_{219}\ \Phi_{146}\ \Phi_{73}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
99150	1457	2880	$\frac{17}{1440}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{1423}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
99151	1457	2880	$\frac{17}{1440}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1423}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
99152	1457	2880	$\frac{17}{1440}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1423}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
99153	1457	1952	$\frac{7}{488}$	$\frac{1}{8}$	$\frac{495}{1952}$	$\frac{481}{976}$	$\Phi_{1952}\ \Phi_{488}\ \Phi_{244}\ \Phi_{122}\ \Phi_{61}\ \Phi_{32}\ \Phi_{1}$
99154	1457	2856	$\frac{29}{1428}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1399}{2856}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{168}\ \Phi_{136}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
99155	1457	1380	$\frac{1}{46}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{45}{92}$	$\Phi_{690}^{2}\ \Phi_{345}^{2}\ \Phi_{230}^{2}\ \Phi_{138}^{2}\ \Phi_{115}^{2}\ \Phi_{92}\ \Phi_{69}^{2}\ \Phi_{60}\ \Phi_{46}^{2}\ \Phi_{30}^{2}\ \Phi_{23}^{2}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
99156	1457	3036	$\frac{1}{46}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{3036}\ \Phi_{1012}\ \Phi_{132}\ \Phi_{92}\ \Phi_{44}\ \Phi_{33}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
99157	1457	4140	$\frac{1}{46}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{45}{92}$	$\Phi_{4140}\ \Phi_{828}\ \Phi_{180}\ \Phi_{92}\ \Phi_{45}\ \Phi_{36}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
99158	1457	920	$\frac{1}{46}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{45}{92}$	$\Phi_{920}^{2}\ \Phi_{230}^{2}\ \Phi_{184}^{2}\ \Phi_{115}^{2}\ \Phi_{92}\ \Phi_{46}^{2}\ \Phi_{40}^{3}\ \Phi_{23}^{2}\ \Phi_{20}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
99159	1457	3220	$\frac{1}{46}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{45}{92}$	$\Phi_{3220}\ \Phi_{644}\ \Phi_{140}\ \Phi_{92}\ \Phi_{35}\ \Phi_{28}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
99160	1457	828	$\frac{1}{46}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{45}{92}$	$\Phi_{828}^{2}\ \Phi_{414}^{2}\ \Phi_{207}^{2}\ \Phi_{138}^{2}\ \Phi_{92}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{36}^{3}\ \Phi_{23}^{2}\ \Phi_{18}^{3}\ \Phi_{12}\ \Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
99161	1457	1960	$\frac{13}{490}$	$\frac{1}{14}$	$\frac{503}{1960}$	$\frac{477}{980}$	$\Phi_{1960}\ \Phi_{490}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{98}\ \Phi_{70}\ \Phi_{56}\ \Phi_{49}\ \Phi_{40}\ \Phi_{35}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
99162	1457	1380	$\frac{1}{30}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{29}{60}$	$\Phi_{1380}^{2}\ \Phi_{460}^{2}\ \Phi_{276}^{2}\ \Phi_{92}^{2}\ \Phi_{69}\ \Phi_{60}^{3}\ \Phi_{20}^{3}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
99163	1457	2816	$\frac{49}{1408}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1359}{2816}$	$\Phi_{2816}\ \Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
99164	1457	2808	$\frac{53}{1404}$	$\frac{1}{26}$	$\frac{25}{78}$	$\frac{1351}{2808}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{312}\ \Phi_{216}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{39}\ \Phi_{24}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
99165	1457	2800	$\frac{57}{1400}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1343}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
99166	1457	1764	$\frac{13}{294}$	$\frac{1}{14}$	$\frac{307}{1764}$	$\frac{281}{588}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{441}\ \Phi_{294}\ \Phi_{252}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{63}\ \Phi_{49}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
99167	1457	1440	$\frac{1}{32}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}^{2}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}^{2}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
99168	1457	1596	$\frac{6}{133}$	$\frac{139}{1596}$	$\frac{1}{7}$	$\frac{127}{266}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{228}\ \Phi_{133}\ \Phi_{114}\ \Phi_{84}\ \Phi_{76}\ \Phi_{57}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{19}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
99169	1457	1976	$\frac{1}{26}$	$\frac{25}{494}$	$\frac{519}{1976}$	$\frac{469}{988}$	$\Phi_{1976}\ \Phi_{494}\ \Phi_{247}\ \Phi_{152}\ \Phi_{104}\ \Phi_{38}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
99170	1457	2772	$\frac{71}{1386}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1315}{2772}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{44}\ \Phi_{36}\ \Phi_{28}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
99171	1457	1680	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{223}{1680}$	$\frac{197}{420}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
99172	1457	2744	$\frac{85}{1372}$	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1287}{2744}$	$\Phi_{2744}\ \Phi_{392}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{8}\ \Phi_{1}$
99173	1457	64	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{64}^{31}\ \Phi_{32}^{15}\ \Phi_{16}^{14}\ \Phi_{8}^{14}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
99174	1457	1920	$\frac{17}{480}$	$\frac{1}{16}$	$\frac{463}{1920}$	$\frac{15}{32}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
99175	1457	1536	$\frac{79}{1536}$	$\frac{1}{16}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
99176	1457	1728	$\frac{17}{288}$	$\frac{1}{16}$	$\frac{271}{1728}$	$\frac{15}{32}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{64}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_1$
99177	1457	1600	$\frac{1}{16}$	$\frac{143}{1600}$	$\frac{17}{160}$	$\frac{15}{32}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_1$
99178	1457	352	$\frac{1}{32}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{352}^4\ \Phi_{176}^4\ \Phi_{88}^3\ \Phi_{44}^4\ \Phi_{32}^7\ \Phi_{22}^4\ \Phi_{16}^7\ \Phi_{11}^4\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
99179	1457	1540	$\frac{83}{1540}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{154}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}\ \Phi_{110}\ \Phi_{77}\ \Phi_{70}\ \Phi_{55}\ \Phi_{44}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
99180	1457	2688	$\frac{1}{56}$	$\frac{113}{1344}$	$\frac{55}{168}$	$\frac{1231}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{168}\ \Phi_{128}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
99181	1457	2660	$\frac{6}{133}$	$\frac{127}{1330}$	$\frac{1}{7}$	$\frac{1203}{2660}$	$\Phi_{2660}\ \Phi_{532}\ \Phi_{380}\ \Phi_{140}\ \Phi_{133}\ \Phi_{76}\ \Phi_{28}\ \Phi_{20}\ \Phi_{19}\ \Phi_4\ \Phi_1$
99182	1457	336	$\frac{1}{48}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^4\ \Phi_{84}^4\ \Phi_{56}^3\ \Phi_{48}^7\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^7\ \Phi_{21}^4\ \Phi_{16}^7\ \Phi_{14}^4\ \Phi_{12}^7\ \Phi_8^6\ \Phi_7^4\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
99183	1457	392	$\frac{2}{49}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{392}^7\ \Phi_{56}^5\ \Phi_{49}^3\ \Phi_8^5\ \Phi_7^2\ \Phi_1^3$
99184	1457	2016	$\frac{1}{56}$	$\frac{55}{504}$	$\frac{559}{2016}$	$\frac{449}{1008}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
99185	1457	672	$\frac{1}{32}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}^4\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{48}^4\ \Phi_{42}^2\ \Phi_{32}^3\ \Phi_{28}\ \Phi_{24}^4\ \Phi_{21}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
99186	1457	1568	$\frac{111}{1568}$	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{85}{196}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{224}\ \Phi_{112}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
99187	1457	245	$\frac{2}{49}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{245}^7\ \Phi_{49}^3\ \Phi_{35}^5\ \Phi_7^2\ \Phi_5^5\ \Phi_1^3$
99188	1457	1480	$\frac{23}{1480}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1480}\ \Phi_{740}\ \Phi_{370}\ \Phi_{296}\ \Phi_{185}\ \Phi_{148}\ \Phi_{74}\ \Phi_{37}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
99189	1457	2520	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{197}{1260}$	$\frac{1063}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{72}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
99190	1457	2496	$\frac{1}{104}$	$\frac{209}{1248}$	$\frac{103}{312}$	$\frac{1039}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{312}\ \Phi_{192}\ \Phi_{156}\ \Phi_{78}\ \Phi_{64}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
99191	1457	160	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{160}^8\ \Phi_{80}^7\ \Phi_{40}^8\ \Phi_{32}^{15}\ \Phi_{20}^8\ \Phi_{16}^{14}\ \Phi_{10}^8\ \Phi_8^{14}\ \Phi_5^8\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
99192	1457	1540	$\frac{83}{1540}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{57}{140}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{110}\ \Phi_{77}\ \Phi_{70}\ \Phi_{55}\ \Phi_{44}\ \Phi_{35}\ \Phi_{22}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
99193	1457	2080	$\frac{1}{104}$	$\frac{103}{520}$	$\frac{623}{2080}$	$\frac{417}{1040}$	$\Phi_{2080}\ \Phi_{520}\ \Phi_{416}\ \Phi_{260}\ \Phi_{160}\ \Phi_{130}\ \Phi_{65}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
99194	1457	1536	$\frac{79}{1536}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
99195	1457	2352	$\frac{13}{294}$	$\frac{1}{14}$	$\frac{281}{1176}$	$\frac{895}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{294}\ \Phi_{147}\ \Phi_{112}\ \Phi_{98}\ \Phi_{49}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}\ \Phi_6\ \Phi_3\ \Phi_1$
99196	1457	2336	$\frac{3}{292}$	$\frac{289}{1168}$	$\frac{1}{4}$	$\frac{879}{2336}$	$\Phi_{2336}\ \Phi_{292}\ \Phi_{146}\ \Phi_{73}\ \Phi_{32}\ \Phi_1$
99197	1457	48	$\frac{1}{48}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{48}^{30}\ \Phi_{24}^{31}\ \Phi_{16}^{30}\ \Phi_{12}^{31}\ \Phi_8^{30}\ \Phi_6^{31}\ \Phi_4^{30}\ \Phi_3^{31}\ \Phi_2^{30}\ \Phi_1^{31}$
99198	1457	288	$\frac{1}{32}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{288}^4\ \Phi_{144}^4\ \Phi_{96}^8\ \Phi_{72}^3\ \Phi_{48}^8\ \Phi_{36}^4\ \Phi_{32}^7\ \Phi_{24}^7\ \Phi_{18}^4\ \Phi_{16}^7\ \Phi_{12}^7\ \Phi_9^4\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
99199	1457	1512	$\frac{55}{1512}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
99200	1457	2208	$\frac{15}{368}$	$\frac{1}{16}$	$\frac{353}{1104}$	$\frac{751}{2208}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{368}\ \Phi_{184}\ \Phi_{96}\ \Phi_{92}\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_1$
99201	1457	1560	$\frac{1}{26}$	$\frac{103}{1560}$	$\frac{25}{78}$	$\frac{53}{156}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{40}\ \Phi_{39}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
99202	1457	1680	$\frac{1}{56}$	$\frac{223}{1680}$	$\frac{55}{168}$	$\frac{113}{336}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
99203	1457	1872	$\frac{1}{104}$	$\frac{415}{1872}$	$\frac{103}{312}$	$\frac{209}{624}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}\ \Phi_{39}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
99204	1457	2184	$\frac{1}{182}$	$\frac{181}{546}$	$\frac{727}{2184}$	$\frac{365}{1092}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{168}\ \Phi_{104}\ \Phi_{78}\ \Phi_{56}\ \Phi_{42}\ \Phi_{39}\ \Phi_{24}\ \Phi_{21}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
99205	1457	759	$\frac{1}{23}$	$\frac{2}{33}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{759}^{2}\ \Phi_{253}^{2}\ \Phi_{69}\ \Phi_{33}^{3}\ \Phi_{11}^{3}\ \Phi_{3}\ \Phi_{1}$
99206	1457	864	$\frac{1}{32}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{864}^{2}\ \Phi_{432}^{2}\ \Phi_{288}\ \Phi_{216}^{2}\ \Phi_{144}\ \Phi_{108}^{2}\ \Phi_{96}^{2}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}^{2}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
99207	1457	480	$\frac{1}{32}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{3}\ \Phi_{120}^{3}\ \Phi_{96}^{4}\ \Phi_{80}^{3}\ \Phi_{60}^{2}\ \Phi_{48}^{4}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{30}^{2}\ \Phi_{24}^{4}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
99208	1457	2016	$\frac{1}{56}$	$\frac{113}{672}$	$\frac{559}{2016}$	$\frac{55}{168}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
99209	1457	2160	$\frac{17}{720}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{703}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
99210	1457	2160	$\frac{17}{720}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{703}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
99211	1457	2106	$\frac{1}{26}$	$\frac{53}{702}$	$\frac{649}{2106}$	$\frac{25}{78}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{162}\ \Phi_{81}\ \Phi_{78}\ \Phi_{39}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
99212	1457	1638	$\frac{1}{26}$	$\frac{181}{1638}$	$\frac{53}{234}$	$\frac{25}{78}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{182}\ \Phi_{126}\ \Phi_{91}\ \Phi_{78}\ \Phi_{63}\ \Phi_{42}\ \Phi_{39}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
99213	1457	1872	$\frac{1}{26}$	$\frac{53}{468}$	$\frac{415}{1872}$	$\frac{25}{78}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{144}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
99214	1457	2142	$\frac{29}{714}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{685}{2142}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{306}\ \Phi_{153}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
99215	1457	1035	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{22}{69}$	$\Phi_{1035}^{2}\ \Phi_{207}^{2}\ \Phi_{69}\ \Phi_{45}^{3}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$
99216	1457	2760	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{22}{69}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{552}\ \Phi_{276}\ \Phi_{120}\ \Phi_{69}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
99217	1457	2415	$\frac{1}{23}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{22}{69}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{105}\ \Phi_{69}\ \Phi_{35}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
99218	1457	828	$\frac{1}{23}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{22}{69}$	$\Phi_{828}^{2}\ \Phi_{414}^{2}\ \Phi_{276}^{2}\ \Phi_{207}^{2}\ \Phi_{92}^{2}\ \Phi_{69}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
99219	1457	1890	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{433}{1890}$	$\frac{197}{630}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{70}\ \Phi_{54}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
99220	1457	2112	$\frac{1}{16}$	$\frac{49}{704}$	$\frac{15}{64}$	$\frac{655}{2112}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{64}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
99221	1457	1617	$\frac{6}{77}$	$\frac{160}{1617}$	$\frac{1}{7}$	$\frac{71}{231}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{147}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_{1}$
99222	1457	2100	$\frac{1}{14}$	$\frac{57}{700}$	$\frac{13}{70}$	$\frac{643}{2100}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{105}\ \Phi_{84}\ \Phi_{75}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
99223	1457	2079	$\frac{6}{77}$	$\frac{71}{693}$	$\frac{1}{7}$	$\frac{622}{2079}$	$\Phi_{2079}\ \Phi_{297}\ \Phi_{189}\ \Phi_{77}\ \Phi_{27}\ \Phi_{11}\ \Phi_{1}$
99224	1457	2058	$\frac{1}{14}$	$\frac{85}{686}$	$\frac{13}{98}$	$\frac{601}{2058}$	$\Phi_{2058}\ \Phi_{1029}\ \Phi_{294}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
99225	1457	1920	$\frac{17}{480}$	$\frac{1}{8}$	$\frac{463}{1920}$	$\frac{7}{24}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
99226	1457	1512	$\frac{55}{1512}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
99227	1457	1800	$\frac{17}{360}$	$\frac{1}{8}$	$\frac{343}{1800}$	$\frac{7}{24}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
99228	1457	1536	$\frac{79}{1536}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
99229	1457	1728	$\frac{17}{288}$	$\frac{1}{8}$	$\frac{271}{1728}$	$\frac{7}{24}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{64}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
99230	1457	1560	$\frac{103}{1560}$	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{7}{24}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
99231	1457	1680	$\frac{17}{240}$	$\frac{1}{8}$	$\frac{223}{1680}$	$\frac{7}{24}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
99232	1457	1584	$\frac{127}{1584}$	$\frac{17}{144}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
99233	1457	1500	$\frac{43}{1500}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}\ \Phi_{250}\ \Phi_{150}\ \Phi_{125}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
99234	1457	1995	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{127}{665}$	$\frac{538}{1995}$	$\Phi_{1995}\ \Phi_{399}\ \Phi_{285}\ \Phi_{133}\ \Phi_{105}\ \Phi_{57}\ \Phi_{21}\ \Phi_{19}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
99235	1457	294	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{294}^{7}\ \Phi_{147}^{7}\ \Phi_{49}^{3}\ \Phi_{42}^{5}\ \Phi_{21}^{5}\ \Phi_{7}^{2}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{3}$
99236	1457	1920	$\frac{17}{480}$	$\frac{3}{20}$	$\frac{463}{1920}$	$\frac{1}{4}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
99237	1457	200	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{200}^{10}\ \Phi_{100}^{4}\ \Phi_{50}^{7}\ \Phi_{40}^{7}\ \Phi_{25}^{7}\ \Phi_{20}^{3}\ \Phi_{10}^{5}\ \Phi_{8}^{7}\ \Phi_{5}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
99238	1457	1520	$\frac{63}{1520}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{304}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
99239	1457	1800	$\frac{17}{360}$	$\frac{3}{20}$	$\frac{343}{1800}$	$\frac{1}{4}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
99240	1457	1560	$\frac{103}{1560}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
99241	1457	1680	$\frac{17}{240}$	$\frac{223}{1680}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
99242	1457	1600	$\frac{143}{1600}$	$\frac{17}{160}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
99243	1457	1620	$\frac{17}{180}$	$\frac{163}{1620}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
99244	1457	1848	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{462}$	$\frac{391}{1848}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
99245	1457	1680	$\frac{1}{14}$	$\frac{223}{1680}$	$\frac{13}{70}$	$\frac{57}{280}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
99246	1457	1750	$\frac{1}{14}$	$\frac{57}{350}$	$\frac{293}{1750}$	$\frac{13}{70}$	$\Phi_{1750}\ \Phi_{875}\ \Phi_{250}\ \Phi_{125}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
99247	1458	2420	$\frac{1}{242}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{241}{484}$	$\Phi_{2420}\ \Phi_{484}^{2}\ \Phi_{220}\ \Phi_{44}^{2}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
99248	1458	1452	$\frac{1}{242}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{241}{484}$	$\Phi_{1452}\ \Phi_{726}^{2}\ \Phi_{363}^{2}\ \Phi_{132}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
99249	1458	4350	$\frac{4}{725}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{721}{1450}$	$\Phi_{4350}\ \Phi_{870}\ \Phi_{174}\ \Phi_{150}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
99250	1458	2576	$\frac{1}{161}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{80}{161}$	$\Phi_{2576}\ \Phi_{368}\ \Phi_{161}\ \Phi_{112}\ \Phi_{23}\ \Phi_{16}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
99251	1458	644	$\frac{1}{161}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{80}{161}$	$\Phi_{644}^{2}\ \Phi_{322}^{2}\ \Phi_{161}^{3}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{28}^{2}\ \Phi_{23}^{3}\ \Phi_{14}^{2}\ \Phi_{7}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
99252	1458	876	$\frac{1}{146}$	$\frac{49}{292}$	$\frac{1}{3}$	$\frac{145}{292}$	$\Phi_{876}^{2}\ \Phi_{438}^{3}\ \Phi_{219}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
99253	1458	1457	$\frac{13}{1457}$	$\frac{245}{1457}$	$\frac{404}{1457}$	$\frac{722}{1457}$	$\Phi_{1457}\ \Phi_{47}\ \Phi_{31}\ \Phi_{1}^{2}$
99254	1458	1948	$\frac{5}{487}$	$\frac{82}{487}$	$\frac{1}{4}$	$\frac{241}{487}$	$\Phi_{1948}\ \Phi_{974}$
99255	1458	2720	$\frac{1}{80}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{79}{160}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{160}^{2}\ \Phi_{32}^{2}\ \Phi_{17}\ \Phi_{1}^{2}$
99256	1458	480	$\frac{1}{80}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{79}{160}$	$\Phi_{480}^{9}\ \Phi_{96}^{9}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
99257	1458	2720	$\frac{1}{80}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{79}{160}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{160}^{2}\ \Phi_{32}^{2}\ \Phi_{17}\ \Phi_{1}^{2}$
99258	1458	1120	$\frac{1}{80}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{79}{160}$	$\Phi_{1120}^{3}\ \Phi_{224}^{3}\ \Phi_{28}\ \Phi_{14}$
99259	1458	2756	$\frac{1}{53}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{26}{53}$	$\Phi_{2756}\ \Phi_{212}\ \Phi_{53}\ \Phi_{52}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
99260	1458	689	$\frac{1}{53}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{26}{53}$	$\Phi_{689}^{2}\ \Phi_{53}^{3}\ \Phi_{13}^{4}\ \Phi_{1}^{6}$
99261	1458	1060	$\frac{1}{53}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{26}{53}$	$\Phi_{1060}^{2}\ \Phi_{530}\ \Phi_{265}\ \Phi_{212}\ \Phi_{53}\ \Phi_{20}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
99262	1458	470	$\frac{1}{47}$	$\frac{8}{235}$	$\frac{227}{470}$	$\frac{23}{47}$	$\Phi_{470}^{6}\ \Phi_{94}^{6}\ \Phi_{47}\ \Phi_{10}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
99263	1458	940	$\frac{1}{47}$	$\frac{24}{235}$	$\frac{211}{940}$	$\frac{23}{47}$	$\Phi_{940}^{2}\ \Phi_{470}^{2}\ \Phi_{188}^{2}\ \Phi_{94}^{2}\ \Phi_{47}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
99264	1458	94	$\frac{1}{47}$	$\frac{13}{94}$	$\frac{8}{47}$	$\frac{23}{47}$	$\Phi_{94}^{18}\ \Phi_{47}^{13}\ \Phi_{2}^{18}\ \Phi_{1}^{14}$
99265	1458	1426	$\frac{16}{713}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{697}{1426}$	$\Phi_{1426}^{2}\ \Phi_{62}^{2}\ \Phi_{46}^{2}\ \Phi_{31}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
99266	1458	1457	$\frac{37}{1457}$	$\frac{83}{1457}$	$\frac{458}{1457}$	$\frac{710}{1457}$	$\Phi_{1457}\ \Phi_{47}\ \Phi_{31}\ \Phi_{1}^{2}$
99267	1458	1630	$\frac{5}{163}$	$\frac{1}{10}$	$\frac{28}{163}$	$\frac{79}{163}$	$\Phi_{1630}\ \Phi_{815}\ \Phi_{326}$
99268	1458	1457	$\frac{49}{1457}$	$\frac{134}{1457}$	$\frac{251}{1457}$	$\frac{704}{1457}$	$\Phi_{1457}\ \Phi_{47}\ \Phi_{31}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
99269	1458	470	$\frac{8}{235}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{227}{470}$	$\Phi_{470}^{6}\,\Phi_{94}^{6}\,\Phi_{47}\,\Phi_{10}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{2}$
99270	1458	1948	$\frac{17}{487}$	$\frac{28}{487}$	$\frac{1}{4}$	$\frac{235}{487}$	$\Phi_{1948}\,\Phi_{974}$
99271	1458	1092	$\frac{1}{28}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{1092}^{2}\,\Phi_{546}^{2}\,\Phi_{273}^{2}\,\Phi_{156}\,\Phi_{84}^{3}\,\Phi_{78}^{2}\,\Phi_{42}^{3}\,\Phi_{39}^{2}\,\Phi_{21}^{3}\,\Phi_{12}^{2}\,\Phi_{6}^{3}\,\Phi_{3}^{2}$
99272	1458	2756	$\frac{2}{53}$	$\frac{1}{26}$	$\frac{17}{53}$	$\frac{25}{52}$	$\Phi_{2756}\,\Phi_{212}\,\Phi_{53}\,\Phi_{52}^{2}\,\Phi_{4}^{2}\,\Phi_{1}^{2}$
99273	1458	988	$\frac{1}{26}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{988}\,\Phi_{494}^{2}\,\Phi_{247}^{2}\,\Phi_{76}^{2}\,\Phi_{38}^{3}\,\Phi_{19}^{2}$
99274	1458	2756	$\frac{1}{26}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{25}{52}$	$\Phi_{2756}\,\Phi_{212}\,\Phi_{53}\,\Phi_{52}^{2}\,\Phi_{4}^{2}\,\Phi_{1}^{2}$
99275	1458	1820	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{25}{52}$	$\Phi_{1820}^{2}\,\Phi_{364}\,\Phi_{140}^{2}\,\Phi_{70}\,\Phi_{35}\,\Phi_{28}\,\Phi_{14}$
99276	1458	155	$\frac{1}{31}$	$\frac{7}{155}$	$\frac{10}{31}$	$\frac{74}{155}$	$\Phi_{155}^{9}\,\Phi_{31}^{11}\,\Phi_{5}^{9}\,\Phi_{1}^{12}$
99277	1458	155	$\frac{7}{155}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{74}{155}$	$\Phi_{155}^{9}\,\Phi_{31}^{11}\,\Phi_{5}^{9}\,\Phi_{1}^{12}$
99278	1458	680	$\frac{1}{40}$	$\frac{1}{17}$	$\frac{13}{40}$	$\frac{8}{17}$	$\Phi_{680}^{2}\,\Phi_{340}^{2}\,\Phi_{170}^{2}\,\Phi_{136}^{2}\,\Phi_{85}^{2}\,\Phi_{68}^{2}\,\Phi_{40}^{4}\,\Phi_{34}^{2}\,\Phi_{20}^{4}\,\Phi_{17}^{3}\,\Phi_{10}^{4}\,\Phi_{8}^{4}\,\Phi_{5}^{4}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
99279	1458	476	$\frac{1}{28}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{476}^{3}\,\Phi_{238}^{3}\,\Phi_{119}^{3}\,\Phi_{68}^{2}\,\Phi_{34}^{2}\,\Phi_{28}^{6}\,\Phi_{17}^{3}\,\Phi_{14}^{6}\,\Phi_{7}^{6}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
99280	1458	85	$\frac{4}{85}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{85}^{17}\,\Phi_{17}^{18}\,\Phi_{5}^{16}\,\Phi_{1}^{18}$
99281	1458	1700	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{19}{100}$	$\frac{8}{17}$	$\Phi_{1700}\,\Phi_{850}\,\Phi_{425}\,\Phi_{100}^{2}\,\Phi_{50}^{2}\,\Phi_{25}^{2}\,\Phi_{17}\,\Phi_{1}^{2}$
99282	1458	544	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{8}{17}$	$\Phi_{544}^{3}\,\Phi_{272}^{2}\,\Phi_{136}^{2}\,\Phi_{68}^{2}\,\Phi_{34}^{2}\,\Phi_{32}^{6}\,\Phi_{17}^{3}\,\Phi_{16}^{4}\,\Phi_{8}^{4}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
99283	1458	1496	$\frac{1}{17}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{8}{17}$	$\Phi_{1496}\,\Phi_{748}\,\Phi_{374}\,\Phi_{187}\,\Phi_{88}^{2}\,\Phi_{44}^{2}\,\Phi_{22}^{2}\,\Phi_{17}\,\Phi_{11}^{2}\,\Phi_{1}^{2}$
99284	1458	170	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{8}{17}$	$\Phi_{170}^{8}\,\Phi_{85}^{8}\,\Phi_{34}^{8}\,\Phi_{17}^{9}\,\Phi_{10}^{16}\,\Phi_{5}^{16}\,\Phi_{2}^{16}\,\Phi_{1}^{18}$
99285	1458	992	$\frac{1}{31}$	$\frac{15}{248}$	$\frac{263}{992}$	$\frac{233}{496}$	$\Phi_{992}^{2}\,\Phi_{248}^{2}\,\Phi_{124}^{2}\,\Phi_{62}^{2}\,\Phi_{32}^{2}\,\Phi_{31}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
99286	1458	1364	$\frac{1}{31}$	$\frac{47}{682}$	$\frac{15}{62}$	$\frac{635}{1364}$	$\Phi_{1364}^{2}\,\Phi_{124}^{2}\,\Phi_{62}^{2}\,\Phi_{44}^{2}\,\Phi_{31}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
99287	1458	1457	$\frac{29}{1457}$	$\frac{109}{1457}$	$\frac{476}{1457}$	$\frac{674}{1457}$	$\Phi_{1457}\,\Phi_{47}\,\Phi_{31}\,\Phi_{1}^{2}$
99288	1458	700	$\frac{1}{28}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{700}^{2}\,\Phi_{350}^{2}\,\Phi_{175}^{2}\,\Phi_{140}^{3}\,\Phi_{100}^{2}\,\Phi_{70}^{3}\,\Phi_{35}^{3}\,\Phi_{28}^{2}\,\Phi_{25}^{2}\,\Phi_{20}^{3}\,\Phi_{14}^{2}\,\Phi_{10}\,\Phi_{7}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{1}^{2}$
99289	1458	308	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{308}^{5}\,\Phi_{154}^{5}\,\Phi_{77}^{5}\,\Phi_{44}^{5}\,\Phi_{28}^{4}\,\Phi_{22}^{5}\,\Phi_{14}^{4}\,\Phi_{7}^{4}\,\Phi_{4}^{4}\,\Phi_{2}^{4}$
99290	1458	1457	$\frac{89}{1457}$	$\frac{145}{1457}$	$\frac{152}{1457}$	$\frac{656}{1457}$	$\Phi_{1457}\,\Phi_{47}\,\Phi_{31}\,\Phi_{1}^{2}$
99291	1458	2220	$\frac{11}{740}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{2220}\,\Phi_{1110}\,\Phi_{555}\,\Phi_{444}\,\Phi_{222}\,\Phi_{111}\,\Phi_{30}\,\Phi_{15}\,\Phi_{6}$
99292	1458	1630	$\frac{10}{163}$	$\frac{1}{10}$	$\frac{17}{163}$	$\frac{73}{163}$	$\Phi_{1630}\,\Phi_{815}\,\Phi_{326}$
99293	1458	94	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{13}{94}$	$\frac{21}{47}$	$\Phi_{94}^{18}\,\Phi_{47}^{13}\,\Phi_{2}^{18}\,\Phi_{1}^{14}$
99294	1458	1457	$\frac{44}{1457}$	$\frac{157}{1457}$	$\frac{269}{1457}$	$\frac{650}{1457}$	$\Phi_{1457}\,\Phi_{47}\,\Phi_{31}\,\Phi_{1}^{2}$
99295	1458	1316	$\frac{1}{47}$	$\frac{71}{658}$	$\frac{23}{94}$	$\frac{587}{1316}$	$\Phi_{1316}^{2}\,\Phi_{188}^{2}\,\Phi_{94}^{2}\,\Phi_{47}\,\Phi_{28}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
99296	1458	1948	$\frac{10}{487}$	$\frac{53}{487}$	$\frac{1}{4}$	$\frac{217}{487}$	$\Phi_{1948}\,\Phi_{974}$
99297	1458	438	$\frac{1}{73}$	$\frac{8}{73}$	$\frac{1}{3}$	$\frac{65}{146}$	$\Phi_{438}^{9}\,\Phi_{219}\,\Phi_{6}^{9}$
99298	1458	434	$\frac{1}{31}$	$\frac{26}{217}$	$\frac{5}{31}$	$\frac{191}{434}$	$\Phi_{434}^{6}\,\Phi_{62}^{6}\,\Phi_{31}^{5}\,\Phi_{14}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{6}$
99299	1458	1968	$\frac{1}{82}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1968}^{2}\,\Phi_{246}\,\Phi_{123}\,\Phi_{48}\,\Phi_{6}$
99300	1458	2576	$\frac{2}{161}$	$\frac{1}{8}$	$\frac{53}{161}$	$\frac{7}{16}$	$\Phi_{2576}\,\Phi_{368}\,\Phi_{161}\,\Phi_{112}\,\Phi_{23}\,\Phi_{16}^{2}\,\Phi_{7}\,\Phi_{1}^{2}$
99301	1458	880	$\frac{1}{55}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{880}^{3}\,\Phi_{220}\,\Phi_{176}^{3}\,\Phi_{110}\,\Phi_{80}^{3}\,\Phi_{44}\,\Phi_{22}\,\Phi_{20}\,\Phi_{10}$
99302	1458	2576	$\frac{5}{161}$	$\frac{1}{8}$	$\frac{26}{161}$	$\frac{7}{16}$	$\Phi_{2576}\,\Phi_{368}\,\Phi_{161}\,\Phi_{112}\,\Phi_{23}\,\Phi_{16}^{2}\,\Phi_{7}\,\Phi_{1}^{2}$
99303	1458	112	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{112}^{23}\,\Phi_{28}^{6}\,\Phi_{16}^{24}\,\Phi_{14}^{6}\,\Phi_{7}^{5}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{6}$
99304	1458	368	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{368}^{7}\,\Phi_{92}^{2}\,\Phi_{46}^{2}\,\Phi_{23}\,\Phi_{16}^{8}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
99305	1458	2576	$\frac{8}{161}$	$\frac{17}{161}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2576}\,\Phi_{368}\,\Phi_{161}\,\Phi_{112}\,\Phi_{23}\,\Phi_{16}^{2}\,\Phi_{7}\,\Phi_{1}^{2}$
99306	1458	1520	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1520}^{2}\,\Phi_{304}\,\Phi_{190}\,\Phi_{95}\,\Phi_{38}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
99307	1458	47	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{20}{47}$	$\Phi_{47}^{31}\ \Phi_{1}^{32}$
99308	1458	1240	$\frac{1}{31}$	$\frac{15}{124}$	$\frac{109}{620}$	$\frac{511}{1240}$	$\Phi_{1240}^{2}\ \Phi_{248}^{2}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{40}^{2}\ \Phi_{31}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
99309	1458	605	$\frac{1}{121}$	$\frac{1}{5}$	$\frac{40}{121}$	$\frac{2}{5}$	$\Phi_{605}^{2}\ \Phi_{121}^{4}\ \Phi_{55}^{2}\ \Phi_{11}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{6}$
99310	1458	820	$\frac{1}{82}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{820}^{2}\ \Phi_{410}\ \Phi_{205}\ \Phi_{164}^{4}\ \Phi_{82}^{2}\ \Phi_{41}^{2}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
99311	1458	605	$\frac{4}{121}$	$\frac{13}{121}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{605}^{2}\ \Phi_{121}^{4}\ \Phi_{55}^{2}\ \Phi_{11}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{6}$
99312	1458	140	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{140}^{11}\ \Phi_{70}^{11}\ \Phi_{35}^{11}\ \Phi_{28}^{10}\ \Phi_{20}^{11}\ \Phi_{14}^{10}\ \Phi_{10}^{5}\ \Phi_{7}^{10}\ \Phi_{5}^{6}\ \Phi_{4}^{10}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
99313	1458	1265	$\frac{10}{253}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1265}\ \Phi_{253}^{2}\ \Phi_{115}\ \Phi_{23}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
99314	1458	440	$\frac{1}{22}$	$\frac{7}{88}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{440}^{3}\ \Phi_{220}^{3}\ \Phi_{110}^{2}\ \Phi_{88}^{6}\ \Phi_{55}^{2}\ \Phi_{44}^{6}\ \Phi_{40}^{3}\ \Phi_{22}^{4}\ \Phi_{20}^{3}\ \Phi_{11}^{4}\ \Phi_{10}^{2}\ \Phi_{8}^{6}\ \Phi_{5}^{3}\ \Phi_{4}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
99315	1458	1457	$\frac{11}{1457}$	$\frac{325}{1457}$	$\frac{482}{1457}$	$\frac{566}{1457}$	$\Phi_{1457}\ \Phi_{47}\ \Phi_{31}\ \Phi_{1}^{2}$
99316	1458	308	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{308}^{5}\ \Phi_{154}^{5}\ \Phi_{77}^{5}\ \Phi_{44}^{3}\ \Phi_{28}^{4}\ \Phi_{22}^{5}\ \Phi_{14}^{4}\ \Phi_{11}^{4}\ \Phi_{7}^{4}\ \Phi_{4}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
99317	1458	3504	$\frac{1}{146}$	$\frac{145}{584}$	$\frac{1}{3}$	$\frac{439}{1168}$	$\Phi_{3504}\ \Phi_{438}\ \Phi_{219}\ \Phi_{48}\ \Phi_{6}$
99318	1458	1760	$\frac{1}{55}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{80}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
99319	1458	1736	$\frac{5}{248}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{434}\ \Phi_{217}\ \Phi_{28}\ \Phi_{14}$
99320	1458	1558	$\frac{1}{82}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1558}\ \Phi_{779}\ \Phi_{38}$
99321	1458	770	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{770}^{3}\ \Phi_{385}\ \Phi_{154}^{3}\ \Phi_{110}^{3}\ \Phi_{77}\ \Phi_{70}^{3}\ \Phi_{35}\ \Phi_{22}^{3}\ \Phi_{10}^{3}$
99322	1458	248	$\frac{5}{248}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{248}^{6}\ \Phi_{124}^{6}\ \Phi_{62}^{6}\ \Phi_{31}^{5}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
99323	1458	376	$\frac{1}{47}$	$\frac{23}{188}$	$\frac{55}{188}$	$\frac{133}{376}$	$\Phi_{376}^{6}\ \Phi_{188}^{2}\ \Phi_{94}^{2}\ \Phi_{47}\ \Phi_{8}^{6}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
99324	1458	1457	$\frac{35}{1457}$	$\frac{158}{1457}$	$\frac{433}{1457}$	$\frac{512}{1457}$	$\Phi_{1457}\ \Phi_{47}\ \Phi_{31}\ \Phi_{1}^{2}$
99325	1458	124	$\frac{1}{31}$	$\frac{5}{62}$	$\frac{19}{62}$	$\frac{43}{124}$	$\Phi_{124}^{18}\ \Phi_{62}^{6}\ \Phi_{31}^{5}\ \Phi_{4}^{18}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
99326	1458	1540	$\frac{1}{28}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{140}\ \Phi_{110}\ \Phi_{77}\ \Phi_{70}\ \Phi_{44}\ \Phi_{35}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
99327	1458	1457	$\frac{50}{1457}$	$\frac{107}{1457}$	$\frac{469}{1457}$	$\frac{494}{1457}$	$\Phi_{1457}\ \Phi_{47}\ \Phi_{31}\ \Phi_{1}^{2}$
99328	1458	1630	$\frac{4}{163}$	$\frac{1}{10}$	$\frac{53}{163}$	$\frac{55}{163}$	$\Phi_{1630}\ \Phi_{815}\ \Phi_{326}$
99329	1458	854	$\frac{1}{61}$	$\frac{1}{7}$	$\frac{20}{61}$	$\frac{41}{122}$	$\Phi_{854}^{3}\ \Phi_{427}\ \Phi_{14}^{3}$
99330	1458	1457	$\frac{14}{1457}$	$\frac{323}{1457}$	$\frac{481}{1457}$	$\frac{488}{1457}$	$\Phi_{1457}\ \Phi_{47}\ \Phi_{31}\ \Phi_{1}^{2}$
99331	1458	1948	$\frac{4}{487}$	$\frac{1}{4}$	$\frac{161}{487}$	$\frac{163}{487}$	$\Phi_{1948}\ \Phi_{974}$
99332	1458	1452	$\frac{1}{121}$	$\frac{1}{4}$	$\frac{40}{121}$	$\frac{1}{3}$	$\Phi_{1452}^{2}\ \Phi_{726}^{2}\ \Phi_{132}^{2}\ \Phi_{66}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
99333	1458	2190	$\frac{7}{730}$	$\frac{163}{730}$	$\frac{241}{730}$	$\frac{1}{3}$	$\Phi_{2190}\ \Phi_{1095}\ \Phi_{438}\ \Phi_{219}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
99334	1458	876	$\frac{1}{73}$	$\frac{49}{292}$	$\frac{24}{73}$	$\frac{1}{3}$	$\Phi_{876}^{3}\ \Phi_{438}^{3}\ \Phi_{219}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
99335	1458	120	$\frac{1}{40}$	$\frac{1}{10}$	$\frac{13}{40}$	$\frac{1}{3}$	$\Phi_{120}^{18}\ \Phi_{60}^{18}\ \Phi_{30}^{19}\ \Phi_{24}^{18}\ \Phi_{15}^{19}\ \Phi_{12}^{18}\ \Phi_{6}^{19}\ \Phi_{3}^{18}$
99336	1458	438	$\frac{5}{146}$	$\frac{11}{146}$	$\frac{47}{146}$	$\frac{1}{3}$	$\Phi_{438}^{5}\ \Phi_{219}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
99337	1458	1092	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{1092}^{2}\ \Phi_{546}^{2}\ \Phi_{273}^{2}\ \Phi_{156}^{2}\ \Phi_{84}^{3}\ \Phi_{78}^{2}\ \Phi_{42}^{3}\ \Phi_{21}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
99338	1458	750	$\frac{7}{250}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{750}^{3}\ \Phi_{375}^{3}\ \Phi_{150}^{3}\ \Phi_{75}^{3}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
99339	1458	2190	$\frac{19}{730}$	$\frac{79}{730}$	$\frac{217}{730}$	$\frac{1}{3}$	$\Phi_{2190}\ \Phi_{1095}\ \Phi_{438}\ \Phi_{219}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
99340	1458	492	$\frac{1}{82}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{492}^{4}\ \Phi_{246}^{5}\ \Phi_{123}^{5}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
99341	1458	1452	$\frac{4}{121}$	$\frac{13}{121}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1452}^{2}\ \Phi_{726}^{2}\ \Phi_{132}^{2}\ \Phi_{66}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
99342	1458	420	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{105}^{6}\ \Phi_{84}^{3}\ \Phi_{60}^{4}\ \Phi_{42}^{3}\ \Phi_{30}^{5}\ \Phi_{21}^{3}\ \Phi_{15}^{5}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
99343	1458	3036	$\frac{10}{253}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3036}\ \Phi_{1518}\ \Phi_{276}\ \Phi_{138}\ \Phi_{12}\ \Phi_{6}$
99344	1458	264	$\frac{1}{22}$	$\frac{7}{88}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{264}^{9}\ \Phi_{132}^{7}\ \Phi_{66}^{8}\ \Phi_{33}^{8}\ \Phi_{24}^{9}\ \Phi_{12}^{8}\ \Phi_{6}^{9}\ \Phi_{3}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
99345	1458	960	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{77}{320}$	$\frac{1}{3}$	$\Phi_{960}^{3}\ \Phi_{480}^{3}\ \Phi_{192}^{3}\ \Phi_{96}^{3}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
99346	1458	2280	$\frac{31}{760}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
99347	1458	870	$\frac{4}{145}$	$\frac{47}{290}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{870}^{3}\ \Phi_{435}^{2}\ \Phi_{174}^{3}\ \Phi_{87}^{2}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
99348	1458	750	$\frac{7}{250}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{750}^{3}\ \Phi_{375}^{3}\ \Phi_{150}^{3}\ \Phi_{75}^{2}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
99349	1458	510	$\frac{4}{85}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{510}^{5}\ \Phi_{255}^{4}\ \Phi_{102}^{5}\ \Phi_{51}^{4}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
99350	1458	300	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{19}{100}$	$\frac{1}{3}$	$\Phi_{300}^{9}\ \Phi_{150}^{9}\ \Phi_{75}^{9}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
99351	1458	480	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{5}{32}$	$\frac{1}{3}$	$\Phi_{480}^{6}\ \Phi_{240}^{4}\ \Phi_{120}^{4}\ \Phi_{96}^{3}\ \Phi_{60}^{4}\ \Phi_{48}^{2}\ \Phi_{30}^{5}\ \Phi_{24}^{2}\ \Phi_{15}^{5}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
99352	1458	780	$\frac{17}{260}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{3}$	$\Phi_{780}^{3}\ \Phi_{390}^{3}\ \Phi_{195}^{3}\ \Phi_{156}^{3}\ \Phi_{78}^{3}\ \Phi_{39}^{3}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
99353	1458	840	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{37}{280}$	$\frac{1}{3}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{168}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{42}^{3}\ \Phi_{30}\ \Phi_{21}^{3}\ \Phi_{15}\ \Phi_{6}$
99354	1458	1320	$\frac{7}{88}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{264}\ \Phi_{165}^{2}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
99355	1458	2400	$\frac{71}{800}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{150}\ \Phi_{96}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
99356	1458	30	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{3}$	$\Phi_{30}^{73}\ \Phi_{15}^{73}\ \Phi_{6}^{73}\ \Phi_{3}^{72}$
99357	1458	644	$\frac{2}{161}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{53}{161}$	$\Phi_{644}^{2}\ \Phi_{322}^{2}\ \Phi_{161}^{3}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{28}^{2}\ \Phi_{23}^{3}\ \Phi_{14}^{2}\ \Phi_{7}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
99358	1458	1457	$\frac{20}{1457}$	$\frac{326}{1457}$	$\frac{377}{1457}$	$\frac{479}{1457}$	$\Phi_{1457}\ \Phi_{47}\ \Phi_{31}\ \Phi_{1}^{2}$
99359	1458	1948	$\frac{7}{487}$	$\frac{109}{487}$	$\frac{1}{4}$	$\frac{160}{487}$	$\Phi_{1948}\ \Phi_{974}$
99360	1458	680	$\frac{1}{40}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{13}{40}$	$\Phi_{680}^{2}\ \Phi_{340}^{2}\ \Phi_{170}^{2}\ \Phi_{136}^{2}\ \Phi_{85}^{2}\ \Phi_{68}^{2}\ \Phi_{40}^{4}\ \Phi_{34}^{2}\ \Phi_{20}^{4}\ \Phi_{17}^{3}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
99361	1458	280	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{13}{40}$	$\Phi_{280}^{6}\ \Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{56}^{6}\ \Phi_{35}^{6}\ \Phi_{28}^{7}\ \Phi_{14}^{7}\ \Phi_{7}^{6}$
99362	1458	1457	$\frac{38}{1457}$	$\frac{164}{1457}$	$\frac{431}{1457}$	$\frac{473}{1457}$	$\Phi_{1457}\ \Phi_{47}\ \Phi_{31}\ \Phi_{1}^{2}$
99363	1458	1708	$\frac{7}{244}$	$\frac{1}{7}$	$\frac{55}{244}$	$\frac{79}{244}$	$\Phi_{1708}\ \Phi_{854}\ \Phi_{427}\ \Phi_{28}\ \Phi_{14}$
99364	1458	31	$\frac{1}{31}$	$\frac{4}{31}$	$\frac{7}{31}$	$\frac{10}{31}$	$\Phi_{31}^{47}\ \Phi_{1}^{48}$
99365	1458	310	$\frac{1}{31}$	$\frac{21}{155}$	$\frac{67}{310}$	$\frac{10}{31}$	$\Phi_{310}^{6}\ \Phi_{155}^{3}\ \Phi_{62}^{6}\ \Phi_{31}^{5}\ \Phi_{10}^{6}\ \Phi_{5}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
99366	1458	1948	$\frac{16}{487}$	$\frac{55}{487}$	$\frac{1}{4}$	$\frac{157}{487}$	$\Phi_{1948}\ \Phi_{974}$
99367	1458	689	$\frac{2}{53}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{17}{53}$	$\Phi_{689}^{2}\ \Phi_{53}^{3}\ \Phi_{13}^{4}\ \Phi_{1}^{6}$
99368	1458	1060	$\frac{2}{53}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{17}{53}$	$\Phi_{1060}^{2}\ \Phi_{530}\ \Phi_{265}\ \Phi_{212}\ \Phi_{53}\ \Phi_{20}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
99369	1458	1457	$\frac{56}{1457}$	$\frac{110}{1457}$	$\frac{449}{1457}$	$\frac{467}{1457}$	$\Phi_{1457}\ \Phi_{47}\ \Phi_{31}\ \Phi_{1}^{2}$
99370	1458	235	$\frac{2}{47}$	$\frac{16}{235}$	$\frac{73}{235}$	$\frac{15}{47}$	$\Phi_{235}^{6}\ \Phi_{47}^{7}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
99371	1458	1630	$\frac{7}{163}$	$\frac{1}{10}$	$\frac{37}{163}$	$\frac{52}{163}$	$\Phi_{1630}\ \Phi_{815}\ \Phi_{326}$
99372	1458	1457	$\frac{74}{1457}$	$\frac{125}{1457}$	$\frac{332}{1457}$	$\frac{461}{1457}$	$\Phi_{1457}\ \Phi_{47}\ \Phi_{31}\ \Phi_{1}^{2}$
99373	1458	1948	$\frac{25}{487}$	$\frac{37}{487}$	$\frac{1}{4}$	$\frac{154}{487}$	$\Phi_{1948}\ \Phi_{974}$
99374	1458	988	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{988}^{2}\ \Phi_{494}^{2}\ \Phi_{76}^{3}\ \Phi_{38}^{3}$
99375	1458	689	$\frac{1}{13}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{4}{13}$	$\Phi_{689}^{2}\ \Phi_{53}^{3}\ \Phi_{13}^{4}\ \Phi_{1}^{6}$
99376	1458	910	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{4}{13}$	$\Phi_{910}^{2}\ \Phi_{455}^{2}\ \Phi_{182}^{2}\ \Phi_{70}^{3}\ \Phi_{35}^{3}\ \Phi_{14}^{3}$
99377	1458	1558	$\frac{1}{19}$	$\frac{7}{82}$	$\frac{19}{82}$	$\frac{25}{82}$	$\Phi_{1558}\ \Phi_{779}\ \Phi_{38}$
99378	1458	155	$\frac{14}{155}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{47}{155}$	$\Phi_{155}^{9}\ \Phi_{31}^{11}\ \Phi_{5}^{9}\ \Phi_{1}^{12}$
99379	1458	1457	$\frac{113}{1457}$	$\frac{137}{1457}$	$\frac{224}{1457}$	$\frac{440}{1457}$	$\Phi_{1457}\ \Phi_{47}\ \Phi_{31}\ \Phi_{1}^{2}$
99380	1458	1630	$\frac{16}{163}$	$\frac{1}{10}$	$\frac{19}{163}$	$\frac{49}{163}$	$\Phi_{1630}\ \Phi_{815}\ \Phi_{326}$
99381	1458	1457	$\frac{143}{1457}$	$\frac{146}{1457}$	$\frac{170}{1457}$	$\frac{437}{1457}$	$\Phi_{1457}\ \Phi_{47}\ \Phi_{31}\ \Phi_{1}^{2}$
99382	1458	1708	$\frac{19}{244}$	$\frac{25}{244}$	$\frac{1}{7}$	$\frac{73}{244}$	$\Phi_{1708}\ \Phi_{854}\ \Phi_{427}\ \Phi_{28}\ \Phi_{14}$
99383	1458	47	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{11}{47}$	$\frac{14}{47}$	$\Phi_{47}^{31}\ \Phi_{1}^{32}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
99384	1458	1948	$\frac{19}{487}$	$\frac{52}{487}$	$\frac{1}{4}$	$\frac{145}{487}$	$\Phi_{1948}\ \Phi_{974}$
99385	1458	476	$\frac{1}{28}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{476}^3\ \Phi_{238}^3\ \Phi_{119}^3\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{28}^6\ \Phi_{17}^3\ \Phi_{14}^6\ \Phi_7^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
99386	1458	85	$\frac{4}{85}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{85}^{17}\ \Phi_{17}^{18}\ \Phi_5^{16}\ \Phi_1^{18}$
99387	1458	1700	$\frac{1}{20}$	$\frac{2}{17}$	$\frac{19}{100}$	$\frac{5}{17}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{425}\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{17}\ \Phi_1^2$
99388	1458	544	$\frac{1}{16}$	$\frac{2}{17}$	$\frac{5}{32}$	$\frac{5}{17}$	$\Phi_{544}^3\ \Phi_{272}^2\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{32}^6\ \Phi_{17}^3\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
99389	1458	1496	$\frac{7}{88}$	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{5}{17}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{374}\ \Phi_{187}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{17}\ \Phi_{11}^2\ \Phi_1^2$
99390	1458	170	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{170}^8\ \Phi_{85}^8\ \Phi_{34}^8\ \Phi_{17}^9\ \Phi_{10}^{16}\ \Phi_5^{16}\ \Phi_2^{16}\ \Phi_1^{18}$
99391	1458	1540	$\frac{1}{28}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{140}\ \Phi_{110}\ \Phi_{77}\ \Phi_{70}\ \Phi_{44}\ \Phi_{35}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
99392	1458	1457	$\frac{116}{1457}$	$\frac{149}{1457}$	$\frac{218}{1457}$	$\frac{413}{1457}$	$\Phi_{1457}\ \Phi_{47}\ \Phi_{31}\ \Phi_1^2$
99393	1458	1630	$\frac{13}{163}$	$\frac{1}{10}$	$\frac{25}{163}$	$\frac{46}{163}$	$\Phi_{1630}\ \Phi_{815}\ \Phi_{326}$
99394	1458	700	$\frac{1}{28}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{140}^3\ \Phi_{100}^2\ \Phi_{70}^3\ \Phi_{50}^2\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2$
99395	1458	1457	$\frac{41}{1457}$	$\frac{236}{1457}$	$\frac{350}{1457}$	$\frac{407}{1457}$	$\Phi_{1457}\ \Phi_{47}\ \Phi_{31}\ \Phi_1^2$
99396	1458	1948	$\frac{13}{487}$	$\frac{79}{487}$	$\frac{1}{4}$	$\frac{136}{487}$	$\Phi_{1948}\ \Phi_{974}$
99397	1458	220	$\frac{1}{55}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{220}^7\ \Phi_{110}^7\ \Phi_{55}^6\ \Phi_{44}^7\ \Phi_{22}^7\ \Phi_{20}^7\ \Phi_{11}^6\ \Phi_{10}^7\ \Phi_5^6$
99398	1458	644	$\frac{5}{161}$	$\frac{26}{161}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{644}^2\ \Phi_{322}^2\ \Phi_{161}^3\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{28}^2\ \Phi_{23}^3\ \Phi_{14}^2\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
99399	1458	28	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{28}^{52}\ \Phi_{14}^{52}\ \Phi_7^{51}\ \Phi_4^{54}\ \Phi_2^{54}\ \Phi_1^{54}$
99400	1458	92	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{92}^{16}\ \Phi_{46}^{16}\ \Phi_{23}^{15}\ \Phi_4^{18}\ \Phi_2^{18}\ \Phi_1^{18}$
99401	1458	644	$\frac{8}{161}$	$\frac{17}{161}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{644}^2\ \Phi_{322}^2\ \Phi_{161}^3\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{28}^2\ \Phi_{23}^3\ \Phi_{14}^2\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
99402	1458	380	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{380}^4\ \Phi_{190}^5\ \Phi_{95}^5\ \Phi_{76}^2\ \Phi_{38}^3\ \Phi_{19}^2$
99403	1458	2240	$\frac{3}{80}$	$\frac{1}{7}$	$\frac{77}{320}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{224}\ \Phi_{28}\ \Phi_{14}$
99404	1458	2380	$\frac{4}{85}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{476}\ \Phi_{238}\ \Phi_{28}\ \Phi_{14}$
99405	1458	700	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{19}{100}$	$\frac{1}{4}$	$\Phi_{700}^3\ \Phi_{350}^3\ \Phi_{175}^3\ \Phi_{28}\ \Phi_{14}$
99406	1458	1792	$\frac{13}{256}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{28}\ \Phi_{14}$
99407	1458	224	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{5}{32}$	$\frac{1}{4}$	$\Phi_{224}^9\ \Phi_{112}^6\ \Phi_{56}^6\ \Phi_{28}^7\ \Phi_{14}^7\ \Phi_7^6$
99408	1458	1060	$\frac{5}{53}$	$\frac{1}{10}$	$\frac{8}{53}$	$\frac{1}{4}$	$\Phi_{1060}^2\ \Phi_{530}\ \Phi_{265}\ \Phi_{212}\ \Phi_{53}\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
99409	1458	1820	$\frac{17}{260}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{182}\ \Phi_{91}\ \Phi_{28}\ \Phi_{14}$
99410	1458	1948	$\frac{46}{487}$	$\frac{49}{487}$	$\frac{73}{487}$	$\frac{1}{4}$	$\Phi_{1948}\ \Phi_{974}$
99411	1458	280	$\frac{3}{40}$	$\frac{37}{280}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{280}^5\ \Phi_{140}^5\ \Phi_{70}^5\ \Phi_{56}^5\ \Phi_{40}^6\ \Phi_{35}^5\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_5^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
99412	1458	616	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{616}^3\ \Phi_{308}^3\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{28}\ \Phi_{14}$
99413	1458	140	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{140}^{16}\ \Phi_{70}^8\ \Phi_{35}^8\ \Phi_{28}^{17}\ \Phi_{14}^9\ \Phi_7^8$
99414	1458	31	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{4}{31}$	$\frac{7}{31}$	$\Phi_{31}^{47}\ \Phi_1^{48}$
99415	1458	94	$\frac{5}{47}$	$\frac{13}{94}$	$\frac{7}{47}$	$\frac{8}{47}$	$\Phi_{94}^{18}\ \Phi_{47}^{13}\ \Phi_2^{18}\ \Phi_1^{14}$
99416	1459	2904	$\frac{7}{1452}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1445}{2904}$	$\Phi_{2904}\ \Phi_{968}\ \Phi_{264}\ \Phi_{88}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
99417	1459	2592	$\frac{1}{162}$	$\frac{163}{1296}$	$\frac{1133}{2592}$	$\frac{161}{324}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{324}\ \Phi_{288}\ \Phi_{108}\ \Phi_{96}\ \Phi_{36}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$
99418	1459	1944	$\frac{1}{162}$	$\frac{485}{1944}$	$\frac{163}{648}$	$\frac{161}{324}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{108}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
99419	1459	2880	$\frac{19}{1440}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{1421}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
99420	1459	2880	$\frac{19}{1440}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1421}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
99421	1459	2808	$\frac{1}{54}$	$\frac{55}{1404}$	$\frac{1349}{2808}$	$\frac{53}{108}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{312}\ \Phi_{216}\ \Phi_{108}\ \Phi_{104}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
99422	1459	2160	$\frac{19}{720}$	$\frac{1}{18}$	$\frac{701}{2160}$	$\frac{17}{36}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
99423	1459	1512	$\frac{53}{1512}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
99424	1459	1800	$\frac{19}{360}$	$\frac{1}{18}$	$\frac{341}{1800}$	$\frac{17}{36}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{36}\ \Phi_{25}\ \Phi_{12}\ \Phi_4\ \Phi_1$
99425	1459	1728	$\frac{1}{18}$	$\frac{19}{288}$	$\frac{269}{1728}$	$\frac{17}{36}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
99426	1459	1584	$\frac{1}{18}$	$\frac{125}{1584}$	$\frac{19}{144}$	$\frac{17}{36}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
99427	1459	1620	$\frac{1}{18}$	$\frac{161}{1620}$	$\frac{19}{180}$	$\frac{17}{36}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
99428	1459	2700	$\frac{1}{27}$	$\frac{109}{1350}$	$\frac{26}{135}$	$\frac{1241}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{100}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
99429	1459	1782	$\frac{1}{27}$	$\frac{26}{297}$	$\frac{323}{1782}$	$\frac{271}{594}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{297}\ \Phi_{162}\ \Phi_{99}\ \Phi_{81}\ \Phi_{33}\ \Phi_{11}\ \Phi_1$
99430	1459	2592	$\frac{1}{54}$	$\frac{163}{1296}$	$\frac{53}{216}$	$\frac{1133}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
99431	1459	1584	$\frac{7}{132}$	$\frac{125}{1584}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
99432	1459	1620	$\frac{1}{27}$	$\frac{161}{1620}$	$\frac{26}{135}$	$\frac{109}{270}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
99433	1459	1488	$\frac{29}{1488}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}\ \Phi_{372}\ \Phi_{248}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
99434	1459	2376	$\frac{1}{27}$	$\frac{26}{297}$	$\frac{271}{1188}$	$\frac{917}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{297}\ \Phi_{264}\ \Phi_{216}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{33}\ \Phi_{24}\ \Phi_{11}\ \Phi_8\ \Phi_1$
99435	1459	1728	$\frac{1}{54}$	$\frac{269}{1728}$	$\frac{53}{216}$	$\frac{163}{432}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
99436	1459	2268	$\frac{1}{54}$	$\frac{53}{378}$	$\frac{325}{1134}$	$\frac{809}{2268}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{378}\ \Phi_{324}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
99437	1459	2196	$\frac{5}{366}$	$\frac{1}{6}$	$\frac{361}{1098}$	$\frac{737}{2196}$	$\Phi_{2196}\ \Phi_{732}\ \Phi_{366}\ \Phi_{244}\ \Phi_{183}\ \Phi_{122}\ \Phi_{61}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
99438	1459	2160	$\frac{19}{720}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{701}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
99439	1459	2025	$\frac{1}{27}$	$\frac{109}{675}$	$\frac{26}{135}$	$\frac{566}{2025}$	$\Phi_{2025}\ \Phi_{405}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{15}\ \Phi_5\ \Phi_1$
99440	1459	1512	$\frac{53}{1512}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
99441	1459	1944	$\frac{1}{54}$	$\frac{53}{216}$	$\frac{485}{1944}$	$\frac{163}{648}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
99442	1459	1920	$\frac{19}{480}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{461}{1920}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
99443	1459	1536	$\frac{77}{1536}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
99444	1459	1800	$\frac{19}{360}$	$\frac{1}{6}$	$\frac{341}{1800}$	$\frac{5}{24}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
99445	1459	1560	$\frac{101}{1560}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
99446	1459	1728	$\frac{19}{288}$	$\frac{269}{1728}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{64}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
99447	1459	1584	$\frac{125}{1584}$	$\frac{19}{144}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
99448	1459	1680	$\frac{19}{240}$	$\frac{221}{1680}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
99449	1460	2184	$\frac{1}{364}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{363}{728}$	$\Phi_{2184}\ \Phi_{728}^2\ \Phi_{312}\ \Phi_{168}\ \Phi_{104}^2\ \Phi_{56}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
99450	1460	2328	$\frac{1}{291}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{145}{291}$	$\Phi_{2328}\ \Phi_{776}\ \Phi_{291}\ \Phi_{97}\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
99451	1460	3630	$\frac{2}{363}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{361}{726}$	$\Phi_{3630}\ \Phi_{1210}\ \Phi_{330}\ \Phi_{110}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
99452	1460	1305	$\frac{1}{145}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{72}{145}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}\ \Phi_{145}^2\ \Phi_{87}\ \Phi_{45}\ \Phi_{29}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
99453	1460	870	$\frac{1}{145}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{72}{145}$	$\Phi_{870}^2\ \Phi_{435}\ \Phi_{290}^2\ \Phi_{174}^2\ \Phi_{145}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{30}^2\ \Phi_{29}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
99454	1460	1459	$\frac{11}{1459}$	$\frac{147}{1459}$	$\frac{656}{1459}$	$\frac{724}{1459}$	$\Phi_{1459}\ \Phi_1^2$
99455	1460	2440	$\frac{1}{122}$	$\frac{1}{5}$	$\frac{123}{488}$	$\frac{121}{244}$	$\Phi_{2440}\ \Phi_{610}\ \Phi_{305}\ \Phi_{40}\ \Phi_{10}$
99456	1460	1758	$\frac{3}{293}$	$\frac{1}{6}$	$\frac{74}{293}$	$\frac{145}{293}$	$\Phi_{1758}\ \Phi_{879}\ \Phi_{586}$
99457	1460	1459	$\frac{17}{1459}$	$\frac{218}{1459}$	$\frac{369}{1459}$	$\frac{721}{1459}$	$\Phi_{1459}\ \Phi_1^2$
99458	1460	2193	$\frac{9}{731}$	$\frac{74}{731}$	$\frac{1}{3}$	$\frac{361}{731}$	$\Phi_{2193}\ \Phi_{129}\ \Phi_{51}$
99459	1460	2736	$\frac{1}{72}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{71}{144}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{144}^2\ \Phi_{48}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_1^2$
99460	1460	1584	$\frac{1}{72}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{71}{144}$	$\Phi_{1584}^2\ \Phi_{528}^2\ \Phi_{176}^2\ \Phi_{33}$
99461	1460	2736	$\frac{1}{72}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{71}{144}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{144}^2\ \Phi_{48}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_1^2$
99462	1460	720	$\frac{1}{72}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{71}{144}$	$\Phi_{720}^5\ \Phi_{240}^5\ \Phi_{80}^5\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
99463	1460	1078	$\frac{1}{49}$	$\frac{1}{11}$	$\frac{25}{98}$	$\frac{24}{49}$	$\Phi_{1078}^2\ \Phi_{539}\ \Phi_{154}^2\ \Phi_{77}\ \Phi_{22}^2$
99464	1460	714	$\frac{8}{357}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{349}{714}$	$\Phi_{714}^4\ \Phi_{238}^4\ \Phi_{102}^4\ \Phi_{51}\ \Phi_{42}^4\ \Phi_{34}^4\ \Phi_{14}^4\ \Phi_6^4\ \Phi_2^4$
99465	1460	387	$\frac{1}{43}$	$\frac{22}{387}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{387}^4\ \Phi_{129}^3\ \Phi_{43}^4\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
99466	1460	1540	$\frac{3}{70}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{67}{140}$	$\Phi_{1540}^2\ \Phi_{308}^2\ \Phi_{220}^2\ \Phi_{77}\ \Phi_{44}^2$
99467	1460	924	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{11}{84}$	$\frac{10}{21}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}^2$
99468	1460	1425	$\frac{2}{75}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{285}\ \Phi_{95}\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
99469	1460	2052	$\frac{1}{36}$	$\frac{1}{19}$	$\frac{35}{108}$	$\frac{9}{19}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{513}\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{19}\ \Phi_1^2$
99470	1460	76	$\frac{3}{76}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{76}^{19}\ \Phi_{38}^{19}\ \Phi_{19}^{20}\ \Phi_4^{18}\ \Phi_2^{18}\ \Phi_1^{20}$
99471	1460	1824	$\frac{1}{24}$	$\frac{1}{19}$	$\frac{23}{96}$	$\frac{9}{19}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{304}\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_1^2$
99472	1460	1710	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{9}{19}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{95}\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
99473	1460	1482	$\frac{1}{19}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{494}\ \Phi_{247}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{19}\ \Phi_{13}^2\ \Phi_1^2$
99474	1460	1596	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{9}{19}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{133}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{19}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
99475	1460	1520	$\frac{1}{19}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{9}{19}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{304}\ \Phi_{190}\ \Phi_{95}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
99476	1460	1539	$\frac{1}{19}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{9}{19}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_{19}\ \Phi_1^2$
99477	1460	1122	$\frac{9}{374}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{1122}^2\ \Phi_{561}^2\ \Phi_{102}^2\ \Phi_{66}^2\ \Phi_{51}\ \Phi_{33}^2\ \Phi_6^2$
99478	1460	2064	$\frac{1}{43}$	$\frac{21}{344}$	$\frac{1}{3}$	$\frac{323}{688}$	$\Phi_{2064}^2\ \Phi_{129}\ \Phi_{48}^2$
99479	1460	666	$\frac{1}{74}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{666}^2\ \Phi_{333}^2\ \Phi_{222}^3\ \Phi_{111}^3\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{18}^2\ \Phi_6^3\ \Phi_2^2$
99480	1460	225	$\frac{2}{75}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{225}^6\ \Phi_{75}^8\ \Phi_{45}^5\ \Phi_{25}^8\ \Phi_{15}^7\ \Phi_9^6\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
99481	1460	261	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{14}{87}$	$\frac{4}{9}$	$\Phi_{261}^5\ \Phi_{87}^7\ \Phi_{29}^6\ \Phi_9^6\ \Phi_3^8\ \Phi_1^8$
99482	1460	518	$\frac{1}{74}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{518}^3\ \Phi_{259}^3\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{14}^3\ \Phi_2^2$
99483	1460	77	$\frac{4}{77}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{77}^{19}\ \Phi_{11}^{18}\ \Phi_7^{20}\ \Phi_1^{20}$
99484	1460	1386	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{10}{63}$	$\frac{53}{126}$	$\Phi_{1386}^2\ \Phi_{462}^2\ \Phi_{231}\ \Phi_{198}^2\ \Phi_{154}^2\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{33}\ \Phi_{22}^2$
99485	1460	1860	$\frac{7}{372}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{465}\ \Phi_{310}\ \Phi_{155}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
99486	1460	610	$\frac{1}{61}$	$\frac{12}{61}$	$\frac{1}{5}$	$\frac{49}{122}$	$\Phi_{610}^5\ \Phi_{305}\ \Phi_{10}^5$
99487	1460	1459	$\frac{14}{1459}$	$\frac{289}{1459}$	$\frac{437}{1459}$	$\frac{585}{1459}$	$\Phi_{1459}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
99488	1460	2193	$\frac{6}{731}$	$\frac{145}{731}$	$\frac{1}{3}$	$\frac{293}{731}$	$\Phi_{2193}\ \Phi_{129}\ \Phi_{51}$
99489	1460	1176	$\frac{1}{147}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1176}^2\ \Phi_{392}^2\ \Phi_{168}^2\ \Phi_{147}^2\ \Phi_{56}^2\ \Phi_{49}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{3}\ \Phi_{1}^2$
99490	1460	776	$\frac{1}{97}$	$\frac{24}{97}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{776}^3\ \Phi_{97}^3\ \Phi_{8}^4\ \Phi_{1}^4$
99491	1460	1480	$\frac{1}{74}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1480}^2\ \Phi_{370}\ \Phi_{185}\ \Phi_{40}\ \Phi_{10}$
99492	1460	546	$\frac{1}{182}$	$\frac{181}{546}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{546}^3\ \Phi_{273}^3\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{78}^3\ \Phi_{42}^3\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
99493	1460	1104	$\frac{3}{368}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}^2\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{48}\ \Phi_{46}^2\ \Phi_{24}\ \Phi_{23}^2\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
99494	1460	273	$\frac{1}{91}$	$\frac{18}{91}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{273}^4\ \Phi_{91}^8\ \Phi_{39}^4\ \Phi_{21}^4\ \Phi_{13}^8\ \Phi_{7}^8\ \Phi_{3}^5\ \Phi_{1}^{10}$
99495	1460	222	$\frac{1}{74}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{222}^7\ \Phi_{111}^7\ \Phi_{74}^6\ \Phi_{37}^6\ \Phi_{6}^3\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
99496	1460	1113	$\frac{6}{371}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1113}\ \Phi_{371}^2\ \Phi_{159}\ \Phi_{53}^2\ \Phi_{3}\ \Phi_{1}^2$
99497	1460	1248	$\frac{1}{52}$	$\frac{51}{416}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}^2\ \Phi_{312}\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
99498	1460	825	$\frac{2}{75}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}^2\ \Phi_{55}^2\ \Phi_{33}$
99499	1460	1131	$\frac{12}{377}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1131}\ \Phi_{377}^2\ \Phi_{87}\ \Phi_{29}^2\ \Phi_{3}\ \Phi_{1}^2$
99500	1460	378	$\frac{13}{378}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{126}^4\ \Phi_{63}^4\ \Phi_{54}^4\ \Phi_{42}^3\ \Phi_{27}^4\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_{9}^4\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
99501	1460	1176	$\frac{1}{28}$	$\frac{27}{392}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}^2\ \Phi_{294}\ \Phi_{196}^2\ \Phi_{168}\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{56}^2\ \Phi_{49}^2\ \Phi_{24}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
99502	1460	78	$\frac{1}{26}$	$\frac{5}{78}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{78}^{19}\ \Phi_{39}^{19}\ \Phi_{26}^{18}\ \Phi_{13}^{18}\ \Phi_{6}^{19}\ \Phi_{3}^{20}\ \Phi_{2}^{18}\ \Phi_{1}^{20}$
99503	1460	1188	$\frac{1}{36}$	$\frac{1}{11}$	$\frac{35}{108}$	$\frac{1}{3}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{297}^2\ \Phi_{33}$
99504	1460	1071	$\frac{16}{357}$	$\frac{1}{17}$	$\frac{341}{1071}$	$\frac{1}{3}$	$\Phi_{1071}^2\ \Phi_{153}^2\ \Phi_{63}^2\ \Phi_{51}\ \Phi_{9}^2$
99505	1460	153	$\frac{7}{153}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{153}^{10}\ \Phi_{51}^9\ \Phi_{17}^8\ \Phi_{9}^{10}\ \Phi_{3}^8\ \Phi_{1}^8$
99506	1460	516	$\frac{1}{43}$	$\frac{21}{172}$	$\frac{151}{516}$	$\frac{1}{3}$	$\Phi_{516}^2\ \Phi_{258}^2\ \Phi_{172}^4\ \Phi_{129}^3\ \Phi_{86}^4\ \Phi_{43}^4\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
99507	1460	1998	$\frac{1}{74}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1998}\ \Phi_{999}\ \Phi_{222}\ \Phi_{111}\ \Phi_{54}\ \Phi_{6}$
99508	1460	2508	$\frac{3}{76}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{627}\ \Phi_{33}$
99509	1460	258	$\frac{1}{43}$	$\frac{13}{86}$	$\frac{21}{86}$	$\frac{1}{3}$	$\Phi_{258}^8\ \Phi_{129}^9\ \Phi_{6}^8\ \Phi_{3}^8$
99510	1460	1056	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{23}{96}$	$\frac{1}{3}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{176}^2\ \Phi_{33}$
99511	1460	1428	$\frac{1}{17}$	$\frac{8}{119}$	$\frac{111}{476}$	$\frac{1}{3}$	$\Phi_{1428}^2\ \Phi_{714}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{84}^2\ \Phi_{51}\ \Phi_{42}^2\ \Phi_{12}^2\ \Phi_{6}^2$
99512	1460	1683	$\frac{7}{153}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{33}$
99513	1460	1425	$\frac{2}{75}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{285}\ \Phi_{95}\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{1}^2$
99514	1460	150	$\frac{2}{75}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{150}^{12}\ \Phi_{75}^8\ \Phi_{50}^{12}\ \Phi_{30}^{10}\ \Phi_{25}^8\ \Phi_{15}^7\ \Phi_{10}^{10}\ \Phi_{6}^{12}\ \Phi_{5}^6\ \Phi_{3}^8\ \Phi_{2}^{12}\ \Phi_{1}^8$
99515	1460	1980	$\frac{2}{33}$	$\frac{31}{396}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{110}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
99516	1460	990	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{17}{90}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{33}$
99517	1460	153	$\frac{7}{153}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{153}^{10}\ \Phi_{51}^8\ \Phi_{17}^{10}\ \Phi_{9}^{10}\ \Phi_{3}^7\ \Phi_{1}^{10}$
99518	1460	174	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{174}^{10}\ \Phi_{87}^7\ \Phi_{58}^{10}\ \Phi_{29}^6\ \Phi_{6}^{12}\ \Phi_{3}^8\ \Phi_{2}^{12}\ \Phi_{1}^8$
99519	1460	858	$\frac{5}{78}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{33}$
99520	1460	408	$\frac{1}{17}$	$\frac{43}{408}$	$\frac{8}{51}$	$\frac{1}{3}$	$\Phi_{408}^4\ \Phi_{204}^4\ \Phi_{136}^4\ \Phi_{102}^4\ \Phi_{68}^4\ \Phi_{51}\ \Phi_{34}^4\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{2}^4$
99521	1460	258	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{13}{86}$	$\frac{1}{3}$	$\Phi_{258}^{10}\ \Phi_{129}^7\ \Phi_{6}^{10}\ \Phi_{3}^6$
99522	1460	2499	$\frac{1}{17}$	$\frac{103}{833}$	$\frac{16}{119}$	$\frac{1}{3}$	$\Phi_{2499}\ \Phi_{147}\ \Phi_{51}$
99523	1460	924	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{84}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{33}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
99524	1460	2640	$\frac{7}{80}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{165}\ \Phi_{33}$
99525	1460	891	$\frac{1}{11}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{33}$
99526	1460	2052	$\frac{1}{36}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{35}{108}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{513}\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{19}\ \Phi_1^2$
99527	1460	540	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{35}{108}$	$\Phi_{540}^5\ \Phi_{270}^5\ \Phi_{135}^5\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
99528	1460	2079	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{43}{189}$	$\frac{20}{63}$	$\Phi_{2079}\ \Phi_{297}\ \Phi_{231}\ \Phi_{77}\ \Phi_{33}$
99529	1460	1155	$\frac{3}{35}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{32}{105}$	$\Phi_{1155}^2\ \Phi_{231}^2\ \Phi_{165}^2\ \Phi_{77}\ \Phi_{33}^2$
99530	1460	1890	$\frac{13}{378}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{135}\ \Phi_{105}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
99531	1460	76	$\frac{3}{76}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{76}^{19}\ \Phi_{38}^{19}\ \Phi_{19}^{20}\ \Phi_4^{18}\ \Phi_2^{18}\ \Phi_1^{20}$
99532	1460	1140	$\frac{3}{76}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}\ \Phi_{285}^2\ \Phi_{190}\ \Phi_{95}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
99533	1460	1824	$\frac{1}{24}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{23}{96}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{304}\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_1^2$
99534	1460	480	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{23}{96}$	$\Phi_{480}^5\ \Phi_{240}^5\ \Phi_{160}^5\ \Phi_{80}^5\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
99535	1460	924	$\frac{1}{11}$	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{132}^2\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2$
99536	1460	1710	$\frac{1}{18}$	$\frac{3}{19}$	$\frac{17}{90}$	$\frac{4}{19}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{95}\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
99537	1460	1482	$\frac{5}{78}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{494}\ \Phi_{247}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{19}\ \Phi_{13}^2\ \Phi_1^2$
99538	1460	1596	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{133}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{19}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
99539	1460	1520	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{304}\ \Phi_{190}\ \Phi_{95}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
99540	1460	1539	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_{19}\ \Phi_1^2$
99541	1460	1920	$\frac{19}{384}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{80}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
99542	1460	90	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{17}{90}$	$\frac{1}{5}$	$\Phi_{90}^{15}\ \Phi_{45}^{15}\ \Phi_{30}^{16}\ \Phi_{18}^{20}\ \Phi_{15}^{16}\ \Phi_{10}^{16}\ \Phi_9^{20}\ \Phi_6^{20}\ \Phi_5^{15}\ \Phi_3^{20}\ \Phi_2^{20}\ \Phi_1^{20}$
99543	1460	390	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{390}^5\ \Phi_{195}^5\ \Phi_{130}^5\ \Phi_{65}^5\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
99544	1460	2160	$\frac{5}{72}$	$\frac{67}{432}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{270}\ \Phi_{240}\ \Phi_{135}\ \Phi_{80}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
99545	1460	1980	$\frac{31}{396}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{55}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
99546	1460	420	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^5\ \Phi_{105}^5\ \Phi_{70}^5\ \Phi_{35}^5\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
99547	1460	240	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{240}^8\ \Phi_{120}^6\ \Phi_{80}^4\ \Phi_{60}^6\ \Phi_{48}^8\ \Phi_{40}^3\ \Phi_{30}^7\ \Phi_{24}^8\ \Phi_{20}^3\ \Phi_{16}^4\ \Phi_{15}^7\ \Phi_{12}^8\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^8\ \Phi_5^3\ \Phi_4^4\ \Phi_3^8\ \Phi_2^4\ \Phi_1^4$
99548	1460	810	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{810}^3\ \Phi_{405}^2\ \Phi_{270}^3\ \Phi_{135}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
99549	1460	1925	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{29}{175}$	$\frac{6}{35}$	$\Phi_{1925}\ \Phi_{275}\ \Phi_{77}$
99550	1461	2336	$\frac{1}{292}$	$\frac{293}{1168}$	$\frac{875}{2336}$	$\frac{291}{584}$	$\Phi_{2336}\ \Phi_{584}\ \Phi_{32}\ \Phi_8\ \Phi_1$
99551	1461	2912	$\frac{5}{1456}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1451}{2912}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{224}\ \Phi_{32}\ \Phi_8\ \Phi_1$
99552	1461	1952	$\frac{3}{488}$	$\frac{1}{4}$	$\frac{491}{1952}$	$\frac{485}{976}$	$\Phi_{1952}\ \Phi_{488}\ \Phi_{244}\ \Phi_{122}\ \Phi_{61}\ \Phi_{32}\ \Phi_8\ \Phi_1$
99553	1461	968	$\frac{3}{484}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{481}{968}$	$\Phi_{968}^3\ \Phi_{88}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
99554	1461	960	$\frac{7}{480}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{473}{960}$	$\Phi_{960}^3\ \Phi_{320}^3\ \Phi_{192}^3\ \Phi_{64}^3\ \Phi_{40}\ \Phi_8\ \Phi_1$
99555	1461	960	$\frac{7}{480}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{473}{960}$	$\Phi_{960}^3\ \Phi_{320}^3\ \Phi_{192}^3\ \Phi_{64}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
99556	1461	960	$\frac{7}{480}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{473}{960}$	$\Phi_{960}^3\ \Phi_{320}^3\ \Phi_{192}^3\ \Phi_{64}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
99557	1461	1960	$\frac{9}{490}$	$\frac{1}{10}$	$\frac{499}{1960}$	$\frac{481}{980}$	$\Phi_{1960}\ \Phi_{490}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{98}\ \Phi_{70}\ \Phi_{56}\ \Phi_{49}\ \Phi_{40}\ \Phi_{35}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
99558	1461	560	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{73}{560}$	$\frac{67}{140}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
99559	1461	2800	$\frac{61}{1400}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1339}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
99560	1461	720	$\frac{7}{240}$	$\frac{1}{20}$	$\frac{233}{720}$	$\frac{19}{40}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{45}^3\ \Phi_{40}\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_8\ \Phi_1$
99561	1461	1520	$\frac{59}{1520}$	$\frac{1}{20}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{304}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{76}\ \Phi_{40}\ \Phi_{38}\ \Phi_{19}\ \Phi_8\ \Phi_1$
99562	1461	640	$\frac{7}{160}$	$\frac{1}{20}$	$\frac{153}{640}$	$\frac{19}{40}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{40}\ \Phi_8\ \Phi_1$
99563	1461	600	$\frac{1}{20}$	$\frac{7}{120}$	$\frac{113}{600}$	$\frac{19}{40}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{50}^3\ \Phi_{40}\ \Phi_{25}^3\ \Phi_8\ \Phi_1$
99564	1461	520	$\frac{1}{20}$	$\frac{33}{520}$	$\frac{7}{40}$	$\frac{19}{40}$	$\Phi_{520}^3\ \Phi_{260}^3\ \Phi_{130}^3\ \Phi_{104}^3\ \Phi_{65}^3\ \Phi_{52}^3\ \Phi_{40}\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_8\ \Phi_1$
99565	1461	1600	$\frac{1}{20}$	$\frac{139}{1600}$	$\frac{21}{160}$	$\frac{19}{40}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_8\ \Phi_1$
99566	1461	560	$\frac{1}{20}$	$\frac{7}{80}$	$\frac{73}{560}$	$\frac{19}{40}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_8\ \Phi_7^3\ \Phi_1$
99567	1461	876	$\frac{1}{73}$	$\frac{49}{438}$	$\frac{24}{73}$	$\frac{389}{876}$	$\Phi_{876}^3\ \Phi_{292}^3\ \Phi_{73}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
99568	1461	496	$\frac{9}{496}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{496}^3\ \Phi_{248}^3\ \Phi_{124}^3\ \Phi_{62}^3\ \Phi_{31}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
99569	1461	1540	$\frac{79}{1540}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{140}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{110}\ \Phi_{77}\ \Phi_{70}\ \Phi_{55}\ \Phi_{44}\ \Phi_{35}\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_1$
99570	1461	1708	$\frac{1}{61}$	$\frac{60}{427}$	$\frac{1}{4}$	$\frac{367}{854}$	$\Phi_{1708}\ \Phi_{427}\ \Phi_{244}^2\ \Phi_{122}\ \Phi_{61}\ \Phi_{28}\ \Phi_7\ \Phi_4\ \Phi_1$
99571	1461	2044	$\frac{1}{73}$	$\frac{72}{511}$	$\frac{583}{2044}$	$\frac{439}{1022}$	$\Phi_{2044}\ \Phi_{511}\ \Phi_{292}\ \Phi_{28}\ \Phi_7\ \Phi_4\ \Phi_1$
99572	1461	840	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{67}{420}$	$\frac{353}{840}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{24}^3\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
99573	1461	2440	$\frac{3}{244}$	$\frac{241}{1220}$	$\frac{1}{4}$	$\frac{979}{2440}$	$\Phi_{2440}\ \Phi_{488}\ \Phi_{244}\ \Phi_{122}\ \Phi_{61}\ \Phi_{40}\ \Phi_8\ \Phi_1$
99574	1461	728	$\frac{5}{728}$	$\frac{1}{4}$	$\frac{241}{728}$	$\frac{3}{8}$	$\Phi_{728}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{104}^2\ \Phi_{91}^2\ \Phi_{56}^2\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
99575	1461	1472	$\frac{11}{1472}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{64}\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_8\ \Phi_1$
99576	1461	1664	$\frac{5}{208}$	$\frac{203}{1664}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_1$
99577	1461	504	$\frac{17}{504}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^2\ \Phi_{42}^3\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
99578	1461	1568	$\frac{5}{112}$	$\frac{107}{1568}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{224}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{32}\ \Phi_8\ \Phi_1$
99579	1461	520	$\frac{5}{104}$	$\frac{33}{520}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}^3\ \Phi_{260}^3\ \Phi_{130}^3\ \Phi_{104}^2\ \Phi_{65}^3\ \Phi_{52}^2\ \Phi_{40}^3\ \Phi_{26}^2\ \Phi_{20}^3\ \Phi_{13}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
99580	1461	500	$\frac{13}{500}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{500}^3\ \Phi_{250}^3\ \Phi_{125}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
99581	1461	584	$\frac{1}{73}$	$\frac{97}{584}$	$\frac{24}{73}$	$\frac{49}{146}$	$\Phi_{584}^3\ \Phi_{292}^3\ \Phi_{73}^2\ \Phi_8^3\ \Phi_4^3\ \Phi_1^3$
99582	1461	732	$\frac{1}{122}$	$\frac{1}{4}$	$\frac{121}{366}$	$\frac{245}{732}$	$\Phi_{732}\ \Phi_{366}^2\ \Phi_{244}^3\ \Phi_{183}^2\ \Phi_{122}^3\ \Phi_{61}^3\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
99583	1461	627	$\frac{2}{209}$	$\frac{140}{627}$	$\frac{69}{209}$	$\frac{1}{3}$	$\Phi_{627}^2\ \Phi_{209}^3\ \Phi_{57}^2\ \Phi_{33}^2\ \Phi_{19}^3\ \Phi_{11}^3\ \Phi_3\ \Phi_1^3$
99584	1461	495	$\frac{8}{495}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{495}^3\ \Phi_{165}^3\ \Phi_{99}^3\ \Phi_{55}^3\ \Phi_{45}^3\ \Phi_{33}^2\ \Phi_{15}^3\ \Phi_{11}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
99585	1461	657	$\frac{1}{73}$	$\frac{49}{219}$	$\frac{170}{657}$	$\frac{24}{73}$	$\Phi_{657}^3\ \Phi_{73}^2\ \Phi_9^3\ \Phi_1^3$
99586	1461	720	$\frac{7}{240}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{233}{720}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
99587	1461	720	$\frac{7}{240}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{233}{720}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
99588	1461	630	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{143}{630}$	$\frac{67}{210}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{126}^3\ \Phi_{90}^3\ \Phi_{70}^3\ \Phi_{63}^3\ \Phi_{45}^3\ \Phi_{35}^3\ \Phi_{18}^3\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_7^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
99589	1461	700	$\frac{61}{700}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{213}{700}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{70}^3\ \Phi_{50}^2\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
99590	1461	640	$\frac{7}{160}$	$\frac{1}{10}$	$\frac{153}{640}$	$\frac{3}{10}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
99591	1461	510	$\frac{23}{510}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{510}^3\ \Phi_{255}^3\ \Phi_{170}^3\ \Phi_{102}^3\ \Phi_{85}^3\ \Phi_{51}^3\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
99592	1461	600	$\frac{7}{120}$	$\frac{1}{10}$	$\frac{113}{600}$	$\frac{3}{10}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
99593	1461	520	$\frac{33}{520}$	$\frac{1}{10}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{520}^3\ \Phi_{260}^3\ \Phi_{130}^3\ \Phi_{104}^3\ \Phi_{65}^3\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
99594	1461	560	$\frac{7}{80}$	$\frac{1}{10}$	$\frac{73}{560}$	$\frac{3}{10}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
99595	1461	540	$\frac{53}{540}$	$\frac{1}{10}$	$\frac{7}{60}$	$\frac{3}{10}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{90}^3\ \Phi_{54}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{18}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
99596	1461	504	$\frac{17}{504}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_{14}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
99597	1461	528	$\frac{3}{44}$	$\frac{41}{528}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{66}^3\ \Phi_{48}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
99598	1461	640	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{153}{640}$	$\frac{1}{4}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
99599	1461	512	$\frac{25}{512}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{512}^3\ \Phi_{256}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
99600	1461	600	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{113}{600}$	$\frac{1}{4}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
99601	1461	520	$\frac{33}{520}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{520}^3\ \Phi_{260}^3\ \Phi_{130}^3\ \Phi_{104}^3\ \Phi_{65}^3\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
99602	1461	576	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{576}$	$\frac{1}{4}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{72}^3\ \Phi_{64}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
99603	1461	528	$\frac{41}{528}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{4}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
99604	1461	560	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{560}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
99605	1461	560	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{73}{560}$	$\frac{61}{280}$	$\Phi_{560}^3\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
99606	1461	1750	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{289}{1750}$	$\frac{61}{350}$	$\Phi_{1750}\ \Phi_{875}\ \Phi_{250}\ \Phi_{125}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}\ \Phi_7\ \Phi_1$
99607	1462	1458	$\frac{2}{729}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{727}{1458}$	$\Phi_{1458}^2\ \Phi_{486}^2\ \Phi_{162}^2\ \Phi_{54}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
99608	1462	2928	$\frac{1}{244}$	$\frac{245}{976}$	$\frac{1}{3}$	$\frac{243}{488}$	$\Phi_{2928}\ \Phi_{732}\ \Phi_{366}\ \Phi_{183}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
99609	1462	4368	$\frac{3}{728}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{725}{1456}$	$\Phi_{4368}\ \Phi_{624}\ \Phi_{336}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
99610	1462	1452	$\frac{5}{726}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{721}{1452}$	$\Phi_{1452}^2\ \Phi_{484}^2\ \Phi_{132}^2\ \Phi_{44}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
99611	1462	2720	$\frac{1}{85}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{42}{85}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{160}\ \Phi_{85}\ \Phi_{32}^2\ \Phi_{17}\ \Phi_5\ \Phi_1^2$
99612	1462	2040	$\frac{1}{85}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{42}{85}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{120}\ \Phi_{102}\ \Phi_{85}\ \Phi_{60}\ \Phi_{51}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
99613	1462	340	$\frac{1}{85}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{42}{85}$	$\Phi_{340}^4\ \Phi_{170}^4\ \Phi_{85}^5\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{20}^5\ \Phi_{17}^5\ \Phi_{10}^5\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
99614	1462	1440	$\frac{11}{720}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{709}{1440}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
99615	1462	924	$\frac{1}{42}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{41}{84}$	$\Phi_{924}^3\ \Phi_{308}^3\ \Phi_{132}^3\ \Phi_{84}^4\ \Phi_{44}^3\ \Phi_{33}\ \Phi_{28}^4\ \Phi_{12}^4\ \Phi_{11}\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
99616	1462	252	$\frac{1}{42}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{252}^{12}\ \Phi_{84}^{10}\ \Phi_{36}^{12}\ \Phi_{28}^{10}\ \Phi_{18}^2\ \Phi_{12}^{10}\ \Phi_9^2\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
99617	1462	924	$\frac{1}{42}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{41}{84}$	$\Phi_{924}^3\ \Phi_{308}^3\ \Phi_{132}^3\ \Phi_{84}^4\ \Phi_{44}^3\ \Phi_{28}^4\ \Phi_{22}^2\ \Phi_{12}^4\ \Phi_{11}\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
99618	1462	495	$\frac{1}{33}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{495}^3\ \Phi_{165}^3\ \Phi_{99}^3\ \Phi_{55}^3\ \Phi_{45}^4\ \Phi_{33}\ \Phi_{15}^4\ \Phi_{11}\ \Phi_9^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
99619	1462	693	$\frac{1}{33}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{16}{33}$	$\Phi_{693}^3\ \Phi_{99}^3\ \Phi_{63}^4\ \Phi_{33}\ \Phi_{11}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
99620	1462	1848	$\frac{1}{33}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{16}{33}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{44}\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
99621	1462	528	$\frac{1}{33}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{16}{33}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{48}^4\ \Phi_{44}^3\ \Phi_{33}\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_{11}\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
99622	1462	1617	$\frac{1}{33}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{16}{33}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{147}\ \Phi_{49}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
99623	1462	522	$\frac{1}{29}$	$\frac{1}{18}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{522}^3\ \Phi_{261}^3\ \Phi_{174}^3\ \Phi_{87}^3\ \Phi_{58}\ \Phi_{29}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
99624	1462	1056	$\frac{1}{44}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{1056}^4\ \Phi_{132}\ \Phi_{96}^3\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
99625	1462	1440	$\frac{2}{45}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}^2\ \Phi_{160}\ \Phi_{96}^2\ \Phi_{45}^2\ \Phi_{32}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
99626	1462	1632	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{8}{51}$	$\frac{15}{32}$	$\Phi_{1632}^2\ \Phi_{544}\ \Phi_{96}^2\ \Phi_{51}^2\ \Phi_{32}^2\ \Phi_{17}\ \Phi_3^2\ \Phi_1^2$
99627	1462	560	$\frac{1}{35}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{560}^5\ \Phi_{140}\ \Phi_{112}^5\ \Phi_{80}^4\ \Phi_{70}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{14}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
99628	1462	744	$\frac{13}{744}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{744}^2\ \Phi_{372}^2\ \Phi_{248}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
99629	1462	4026	$\frac{1}{61}$	$\frac{60}{671}$	$\frac{1}{3}$	$\frac{611}{1342}$	$\Phi_{4026}\ \Phi_{366}\ \Phi_{183}\ \Phi_{66}\ \Phi_6$
99630	1462	870	$\frac{1}{87}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{870}^3\ \Phi_{290}^3\ \Phi_{174}^3\ \Phi_{87}^2\ \Phi_{58}^3\ \Phi_{30}^2\ \Phi_{29}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
99631	1462	660	$\frac{1}{44}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^3\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^3\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
99632	1462	1281	$\frac{2}{183}$	$\frac{181}{1281}$	$\frac{1}{3}$	$\frac{550}{1281}$	$\Phi_{1281}\ \Phi_{427}\ \Phi_{183}^2\ \Phi_{61}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
99633	1462	924	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}\ \Phi_{231}^2\ \Phi_{154}\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_6^2$
99634	1462	696	$\frac{1}{87}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{696}^3\ \Phi_{232}^3\ \Phi_{174}^3\ \Phi_{87}^2\ \Phi_{58}^3\ \Phi_{29}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
99635	1462	3660	$\frac{1}{122}$	$\frac{121}{610}$	$\frac{1}{3}$	$\frac{489}{1220}$	$\Phi_{3660}\ \Phi_{732}\ \Phi_{366}\ \Phi_{183}\ \Phi_{60}\ \Phi_{12}\ \Phi_6$
99636	1462	220	$\frac{1}{44}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{220}^7\ \Phi_{110}^7\ \Phi_{55}^7\ \Phi_{44}^6\ \Phi_{22}^6\ \Phi_{20}^5\ \Phi_{11}^6\ \Phi_{10}^5\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
99637	1462	308	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{308}^5\ \Phi_{154}^5\ \Phi_{77}^5\ \Phi_{44}^4\ \Phi_{28}^3\ \Phi_{22}^4\ \Phi_{14}^5\ \Phi_{11}^4\ \Phi_7^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
99638	1462	2208	$\frac{5}{736}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}\ \Phi_{69}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
99639	1462	1680	$\frac{1}{35}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
99640	1462	2310	$\frac{1}{35}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{2310}\ \Phi_{770}\ \Phi_{462}\ \Phi_{385}\ \Phi_{330}\ \Phi_{210}\ \Phi_{154}\ \Phi_{110}\ \Phi_{77}\ \Phi_{70}\ \Phi_{55}\ \Phi_{42}\ \Phi_{30}\ \Phi_{14}\ \Phi_{10}$
99641	1462	1098	$\frac{1}{183}$	$\frac{182}{549}$	$\frac{1}{3}$	$\frac{367}{1098}$	$\Phi_{1098}^2\ \Phi_{366}^2\ \Phi_{183}^2\ \Phi_{122}^2\ \Phi_{61}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
99642	1462	972	$\frac{2}{243}$	$\frac{241}{972}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
99643	1462	738	$\frac{7}{738}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{738}^2\ \Phi_{369}^2\ \Phi_{246}^2\ \Phi_{123}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
99644	1462	810	$\frac{2}{81}$	$\frac{79}{810}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
99645	1462	756	$\frac{25}{756}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
99646	1462	90	$\frac{2}{45}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{90}^{18}\ \Phi_{45}^{16}\ \Phi_{30}^{18}\ \Phi_{18}^{14}\ \Phi_{15}^{16}\ \Phi_{10}^{18}\ \Phi_9^{12}\ \Phi_6^{14}\ \Phi_5^{16}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
99647	1462	1092	$\frac{3}{364}$	$\frac{1}{4}$	$\frac{361}{1092}$	$\frac{1}{3}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{156}\ \Phi_{91}^2\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
99648	1462	1080	$\frac{11}{360}$	$\frac{1}{12}$	$\frac{349}{1080}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
99649	1462	126	$\frac{1}{21}$	$\frac{1}{18}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{126}^{12}\ \Phi_{63}^{10}\ \Phi_{42}^{12}\ \Phi_{21}^{12}\ \Phi_{18}^{14}\ \Phi_{14}^{12}\ \Phi_9^{12}\ \Phi_7^{12}\ \Phi_6^{14}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
99650	1462	495	$\frac{2}{45}$	$\frac{2}{33}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{495}^3\ \Phi_{165}^3\ \Phi_{99}^2\ \Phi_{55}^3\ \Phi_{45}^4\ \Phi_{33}^3\ \Phi_{15}^4\ \Phi_{11}^3\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
99651	1462	756	$\frac{25}{756}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
99652	1462	264	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{264}^4\ \Phi_{132}^5\ \Phi_{88}^8\ \Phi_{66}^5\ \Phi_{44}^8\ \Phi_{33}^5\ \Phi_{24}^3\ \Phi_{22}^8\ \Phi_{12}^4\ \Phi_{11}^8\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
99653	1462	660	$\frac{1}{44}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{165}^4\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}^3\ \Phi_{33}\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
99654	1462	2496	$\frac{3}{104}$	$\frac{101}{832}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
99655	1462	756	$\frac{25}{756}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
99656	1462	2352	$\frac{3}{56}$	$\frac{53}{784}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{147}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
99657	1462	780	$\frac{3}{52}$	$\frac{49}{780}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}\ \Phi_{130}^2\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
99658	1462	960	$\frac{11}{240}$	$\frac{1}{12}$	$\frac{229}{960}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
99659	1462	504	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^3\ \Phi_{84}^3\ \Phi_{72}^4\ \Phi_{56}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
99660	1462	768	$\frac{37}{768}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
99661	1462	990	$\frac{2}{45}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{99}\ \Phi_{90}^2\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
99662	1462	900	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{169}{900}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
99663	1462	780	$\frac{49}{780}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
99664	1462	630	$\frac{1}{18}$	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{105}^2\ \Phi_{90}^3\ \Phi_{70}^3\ \Phi_{45}^3\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
99665	1462	144	$\frac{1}{18}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{144}^{12}\ \Phi_{72}^{12}\ \Phi_{48}^{10}\ \Phi_{36}^{12}\ \Phi_{24}^{10}\ \Phi_{18}^2\ \Phi_{16}^{10}\ \Phi_{12}^{10}\ \Phi_9^2\ \Phi_8^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
99666	1462	792	$\frac{5}{66}$	$\frac{61}{792}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
99667	1462	864	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{133}{864}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{54}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
99668	1462	792	$\frac{61}{792}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
99669	1462	882	$\frac{1}{18}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{294}^2\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
99670	1462	840	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{109}{840}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
99671	1462	1386	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{20}{63}$	$\Phi_{1386}^2\ \Phi_{693}\ \Phi_{198}^2\ \Phi_{126}^2\ \Phi_{99}\ \Phi_{63}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
99672	1462	63	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{4}{21}$	$\frac{20}{63}$	$\Phi_{63}^{22}\ \Phi_{21}^{26}\ \Phi_9^{21}\ \Phi_7^{26}\ \Phi_3^{25}\ \Phi_1^{26}$
99673	1462	360	$\frac{2}{45}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^3\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^3\ \Phi_{45}^6\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^6\ \Phi_8^4\ \Phi_6^4\ \Phi_5^5\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
99674	1462	408	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{8}{51}$	$\frac{7}{24}$	$\Phi_{408}^3\ \Phi_{204}^3\ \Phi_{136}^4\ \Phi_{102}^3\ \Phi_{68}^4\ \Phi_{51}^5\ \Phi_{34}^4\ \Phi_{24}^4\ \Phi_{17}^5\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
99675	1462	420	$\frac{1}{35}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}\ \Phi_{105}^5\ \Phi_{84}^5\ \Phi_{70}\ \Phi_{60}^4\ \Phi_{42}^5\ \Phi_{30}^4\ \Phi_{28}\ \Phi_{21}^5\ \Phi_{20}\ \Phi_{15}^4\ \Phi_{14}\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^4\ \Phi_3^4$
99676	1462	1980	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}$
99677	1462	180	$\frac{2}{45}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^8\ \Phi_{45}^{10}\ \Phi_{36}^8\ \Phi_{30}^8\ \Phi_{20}^5\ \Phi_{18}^8\ \Phi_{15}^{10}\ \Phi_{12}^8\ \Phi_{10}^5\ \Phi_9^{10}\ \Phi_6^8\ \Phi_5^6\ \Phi_4^4\ \Phi_3^{10}\ \Phi_2^4\ \Phi_1^6$
99678	1462	1020	$\frac{1}{17}$	$\frac{3}{20}$	$\frac{8}{51}$	$\frac{1}{4}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}\ \Phi_{255}^2\ \Phi_{170}\ \Phi_{85}\ \Phi_{60}^2\ \Phi_{51}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
99679	1462	616	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{13}{56}$	$\Phi_{616}^3\ \Phi_{308}^3\ \Phi_{88}^3\ \Phi_{56}^4\ \Phi_{44}^3\ \Phi_{28}^4\ \Phi_{22}^2\ \Phi_{11}\ \Phi_8^4\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
99680	1462	528	$\frac{1}{11}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{5}{22}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{48}^4\ \Phi_{44}^3\ \Phi_{24}^4\ \Phi_{22}^2\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_{11}\ \Phi_8^4\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
99681	1462	1078	$\frac{1}{11}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{5}{22}$	$\Phi_{1078}^2\ \Phi_{539}\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
99682	1463	1248	$\frac{1}{208}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{207}{416}$	$\Phi_{1248}^2\ \Phi_{416}^3\ \Phi_{96}^2\ \Phi_{32}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
99683	1463	3744	$\frac{1}{208}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{207}{416}$	$\Phi_{3744}\ \Phi_{416}\ \Phi_{288}\ \Phi_{32}\ \Phi_9\ \Phi_1$
99684	1463	1320	$\frac{1}{132}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{131}{264}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}^3\ \Phi_{120}^2\ \Phi_{88}^3\ \Phi_{40}^2\ \Phi_{24}^3\ \Phi_{20}\ \Phi_8^3\ \Phi_4\ \Phi_1$
99685	1463	1320	$\frac{1}{132}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{131}{264}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}^3\ \Phi_{120}^2\ \Phi_{88}^3\ \Phi_{40}^2\ \Phi_{24}^3\ \Phi_{15}\ \Phi_8^3\ \Phi_3\ \Phi_1$
99686	1463	1656	$\frac{2}{207}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{205}{414}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{276}\ \Phi_{207}\ \Phi_{184}\ \Phi_{92}\ \Phi_{72}\ \Phi_{69}\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
99687	1463	2752	$\frac{1}{86}$	$\frac{87}{1376}$	$\frac{1289}{2752}$	$\frac{85}{172}$	$\Phi_{2752}\ \Phi_{172}\ \Phi_{64}\ \Phi_4\ \Phi_1$
99688	1463	2064	$\frac{1}{86}$	$\frac{87}{688}$	$\frac{601}{2064}$	$\frac{85}{172}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
99689	1463	1720	$\frac{1}{86}$	$\frac{257}{1720}$	$\frac{87}{344}$	$\frac{85}{172}$	$\Phi_{1720}\ \Phi_{860}\ \Phi_{430}\ \Phi_{215}\ \Phi_{172}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
99690	1463	1368	$\frac{1}{76}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{75}{152}$	$\Phi_{1368}^2\ \Phi_{456}^2\ \Phi_{152}^3\ \Phi_{72}^2\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
99691	1463	3192	$\frac{1}{76}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{75}{152}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{168}\ \Phi_{152}\ \Phi_{56}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$
99692	1463	4104	$\frac{1}{76}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{75}{152}$	$\Phi_{4104}\ \Phi_{216}\ \Phi_{152}\ \Phi_{27}\ \Phi_8\ \Phi_1$
99693	1463	456	$\frac{1}{76}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{75}{152}$	$\Phi_{456}^2\ \Phi_{228}^4\ \Phi_{152}^3\ \Phi_{114}^4\ \Phi_{76}^4\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{24}^3\ \Phi_{19}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
99694	1463	280	$\frac{1}{70}$	$\frac{1}{8}$	$\frac{71}{280}$	$\frac{69}{140}$	$\Phi_{280}^5\ \Phi_{140}^6\ \Phi_{70}^5\ \Phi_{56}^5\ \Phi_{40}^5\ \Phi_{35}^5\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_{14}^5\ \Phi_{10}^5\ \Phi_8^4\ \Phi_7^5\ \Phi_5^5\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
99695	1463	1640	$\frac{4}{205}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{201}{410}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{328}\ \Phi_{205}\ \Phi_{164}\ \Phi_{41}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
99696	1463	504	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{43}{252}$	$\frac{41}{84}$	$\Phi_{504}^4\ \Phi_{252}^3\ \Phi_{168}^2\ \Phi_{126}^3\ \Phi_{84}^2\ \Phi_{72}^4\ \Phi_{63}^3\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}^3\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
99697	1463	408	$\frac{5}{204}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{199}{408}$	$\Phi_{408}^7\ \Phi_{136}^7\ \Phi_{68}\ \Phi_{24}^7\ \Phi_8^7\ \Phi_4\ \Phi_1$
99698	1463	408	$\frac{5}{204}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{199}{408}$	$\Phi_{408}^7\ \Phi_{136}^7\ \Phi_{51}\ \Phi_{24}^7\ \Phi_8^7\ \Phi_3\ \Phi_1$
99699	1463	408	$\frac{5}{204}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{199}{408}$	$\Phi_{408}^7\ \Phi_{136}^7\ \Phi_{24}^7\ \Phi_{17}^2\ \Phi_8^7\ \Phi_1^3$
99700	1463	408	$\frac{5}{204}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{199}{408}$	$\Phi_{408}^3\ \Phi_{204}^4\ \Phi_{136}^3\ \Phi_{102}^4\ \Phi_{68}^4\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{24}^5\ \Phi_{17}^4\ \Phi_{12}^6\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
99701	1463	300	$\frac{2}{75}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{300}^5\ \Phi_{150}^4\ \Phi_{100}^5\ \Phi_{75}^5\ \Phi_{60}^6\ \Phi_{50}^4\ \Phi_{30}^5\ \Phi_{25}^5\ \Phi_{20}^5\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
99702	1463	272	$\frac{1}{34}$	$\frac{5}{68}$	$\frac{63}{272}$	$\frac{33}{68}$	$\Phi_{272}^7\ \Phi_{136}^7\ \Phi_{68}\ \Phi_{16}^7\ \Phi_8^7\ \Phi_4\ \Phi_1$
99703	1463	1632	$\frac{1}{34}$	$\frac{169}{1632}$	$\frac{35}{204}$	$\frac{33}{68}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{136}\ \Phi_{96}\ \Phi_{68}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
99704	1463	1624	$\frac{6}{203}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{197}{406}$	$\Phi_{1624}\ \Phi_{812}\ \Phi_{232}\ \Phi_{203}\ \Phi_{116}\ \Phi_{56}^2\ \Phi_{29}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
99705	1463	1972	$\frac{16}{493}$	$\frac{1}{17}$	$\frac{509}{1972}$	$\frac{477}{986}$	$\Phi_{1972}\ \Phi_{493}\ \Phi_{116}\ \Phi_{68}\ \Phi_{29}\ \Phi_4\ \Phi_1$
99706	1463	240	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{31}{240}$	$\frac{29}{60}$	$\Phi_{240}^7\ \Phi_{120}^5\ \Phi_{80}^7\ \Phi_{60}^6\ \Phi_{48}^7\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^6\ \Phi_{16}^7\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^5\ \Phi_5^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
99707	1463	520	$\frac{1}{26}$	$\frac{1}{20}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{520}^4\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{104}^3\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{40}^4\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
99708	1463	400	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{191}{400}$	$\Phi_{400}^7\ \Phi_{80}^7\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}^7\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
99709	1463	684	$\frac{1}{38}$	$\frac{1}{18}$	$\frac{37}{114}$	$\frac{17}{36}$	$\Phi_{684}^4\ \Phi_{228}^4\ \Phi_{114}\ \Phi_{76}^4\ \Phi_{57}\ \Phi_{36}^5\ \Phi_{12}^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
99710	1463	720	$\frac{3}{80}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^3\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^3\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
99711	1463	3420	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{18}{95}$	$\frac{17}{36}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{380}\ \Phi_{180}\ \Phi_{95}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
99712	1463	684	$\frac{1}{18}$	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{17}{36}$	$\Phi_{684}^4\ \Phi_{228}^4\ \Phi_{76}^4\ \Phi_{38}^2\ \Phi_{36}^5\ \Phi_{19}^2\ \Phi_{12}^5\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
99713	1463	72	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{17}{36}$	$\Phi_{72}^{22}\ \Phi_{36}^{17}\ \Phi_{24}^{26}\ \Phi_{18}^{16}\ \Phi_{12}^{20}\ \Phi_9^{16}\ \Phi_8^{25}\ \Phi_6^{19}\ \Phi_4^{19}\ \Phi_3^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
99714	1463	392	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{183}{392}$	$\Phi_{392}^3\ \Phi_{196}^4\ \Phi_{98}^4\ \Phi_{56}^5\ \Phi_{49}^4\ \Phi_{28}^6\ \Phi_{14}^5\ \Phi_8^4\ \Phi_7^5\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
99715	1463	720	$\frac{1}{20}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{720}^4\ \Phi_{240}^4\ \Phi_{144}^3\ \Phi_{80}^4\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
99716	1463	224	$\frac{15}{224}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{28}$	$\Phi_{224}^7\ \Phi_{112}^7\ \Phi_{56}^5\ \Phi_{32}^7\ \Phi_{28}^6\ \Phi_{16}^7\ \Phi_{14}^5\ \Phi_8^4\ \Phi_7^5\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
99717	1463	1560	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{1}{8}$	$\frac{181}{390}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{120}^2\ \Phi_{104}\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{52}\ \Phi_{40}^2\ \Phi_{39}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
99718	1463	2720	$\frac{1}{34}$	$\frac{103}{1360}$	$\frac{33}{136}$	$\frac{1257}{2720}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{160}\ \Phi_{136}\ \Phi_{68}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
99719	1463	540	$\frac{2}{135}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{540}^5\ \Phi_{180}^5\ \Phi_{135}\ \Phi_{108}^5\ \Phi_{60}^4\ \Phi_{45}\ \Phi_{36}^5\ \Phi_{27}\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{12}^4\ \Phi_9\ \Phi_5\ \Phi_4^5\ \Phi_1$
99720	1463	1980	$\frac{1}{66}$	$\frac{1}{10}$	$\frac{65}{198}$	$\frac{9}{20}$	$\Phi_{1980}^2\ \Phi_{396}^2\ \Phi_{198}\ \Phi_{180}^2\ \Phi_{99}\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
99721	1463	680	$\frac{3}{136}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{680}^2\ \Phi_{340}^2\ \Phi_{170}^2\ \Phi_{136}^3\ \Phi_{85}^2\ \Phi_{68}^3\ \Phi_{40}^2\ \Phi_{34}^3\ \Phi_{20}\ \Phi_{17}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
99722	1463	880	$\frac{1}{44}$	$\frac{1}{10}$	$\frac{43}{176}$	$\frac{9}{20}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{176}^3\ \Phi_{88}^3\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{20}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
99723	1463	660	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{32}{165}$	$\frac{9}{20}$	$\Phi_{660}^4\ \Phi_{220}^4\ \Phi_{165}\ \Phi_{132}^4\ \Phi_{60}^4\ \Phi_{55}\ \Phi_{44}^4\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{12}^4\ \Phi_5\ \Phi_4^5\ \Phi_1$
99724	1463	1380	$\frac{5}{138}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{1380}^2\ \Phi_{460}^2\ \Phi_{276}^2\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_{20}\ \Phi_4\ \Phi_1$
99725	1463	220	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{3}{22}$	$\frac{9}{20}$	$\Phi_{220}^{12}\ \Phi_{44}^{12}\ \Phi_{22}^6\ \Phi_{20}^{13}\ \Phi_{11}^6\ \Phi_4^{13}\ \Phi_2^6\ \Phi_1^7$
99726	1463	40	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{40}^{42}\ \Phi_{20}^{32}\ \Phi_{10}^{31}\ \Phi_8^{41}\ \Phi_5^{31}\ \Phi_4^{31}\ \Phi_2^{30}\ \Phi_1^{31}$
99727	1463	2860	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{2860}\ \Phi_{572}\ \Phi_{260}\ \Phi_{143}\ \Phi_{52}\ \Phi_{20}\ \Phi_{13}\ \Phi_4\ \Phi_1$
99728	1463	720	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^3\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
99729	1463	1512	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{1}{8}$	$\frac{169}{378}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}^2\ \Phi_{108}\ \Phi_{84}^2\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
99730	1463	215	$\frac{6}{215}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{215}^7\ \Phi_{43}^6\ \Phi_5^7\ \Phi_1^7$
99731	1463	34	$\frac{1}{34}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{15}{34}$	$\Phi_{34}^{42}\ \Phi_{17}^{44}\ \Phi_2^{42}\ \Phi_1^{45}$
99732	1463	2580	$\frac{1}{86}$	$\frac{173}{1290}$	$\frac{85}{258}$	$\frac{1117}{2580}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
99733	1463	2580	$\frac{1}{43}$	$\frac{173}{1290}$	$\frac{42}{215}$	$\frac{1117}{2580}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{516}\ \Phi_{215}\ \Phi_{172}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
99734	1463	258	$\frac{1}{43}$	$\frac{6}{43}$	$\frac{49}{258}$	$\frac{37}{86}$	$\Phi_{258}^7\ \Phi_{129}^7\ \Phi_{43}^6\ \Phi_6^7\ \Phi_3^7\ \Phi_1^7$
99735	1463	360	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{29}{180}$	$\frac{151}{360}$	$\Phi_{360}^3\ \Phi_{180}^4\ \Phi_{120}^5\ \Phi_{90}^4\ \Phi_{72}^3\ \Phi_{60}^6\ \Phi_{45}^4\ \Phi_{40}^5\ \Phi_{36}^4\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^6\ \Phi_{18}^4\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_9^4\ \Phi_8^4\ \Phi_6^5\ \Phi_5^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
99736	1463	2064	$\frac{1}{86}$	$\frac{85}{516}$	$\frac{601}{2064}$	$\frac{431}{1032}$	$\Phi_{2064}\ \Phi_{688}\ \Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
99737	1463	312	$\frac{1}{104}$	$\frac{1}{6}$	$\frac{103}{312}$	$\frac{5}{12}$	$\Phi_{312}^5\ \Phi_{156}^5\ \Phi_{104}^4\ \Phi_{78}^5\ \Phi_{52}^4\ \Phi_{39}^5\ \Phi_{26}^4\ \Phi_{24}^5\ \Phi_{13}^4\ \Phi_{12}^6\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
99738	1463	636	$\frac{3}{212}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{636}^2\ \Phi_{318}^2\ \Phi_{212}^3\ \Phi_{159}^2\ \Phi_{106}^3\ \Phi_{53}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
99739	1463	780	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{51}{260}$	$\frac{5}{12}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^3\ \Phi_{195}^2\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
99740	1463	216	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{216}^7\ \Phi_{108}^7\ \Phi_{72}^7\ \Phi_{54}^7\ \Phi_{36}^7\ \Phi_{27}^7\ \Phi_{24}^5\ \Phi_{18}^7\ \Phi_{12}^6\ \Phi_9^7\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
99741	1463	468	$\frac{1}{26}$	$\frac{25}{234}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{468}^6\ \Phi_{234}\ \Phi_{156}^4\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}^4\ \Phi_{39}\ \Phi_{36}^6\ \Phi_{18}\ \Phi_{12}^5\ \Phi_9\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
99742	1463	312	$\frac{5}{104}$	$\frac{9}{104}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{312}^4\ \Phi_{156}^4\ \Phi_{104}^6\ \Phi_{78}^4\ \Phi_{52}^6\ \Phi_{39}^4\ \Phi_{26}^6\ \Phi_{24}^4\ \Phi_{13}^6\ \Phi_{12}^5\ \Phi_8^6\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
99743	1463	60	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{60}^{26}\ \Phi_{30}^{26}\ \Phi_{20}^{25}\ \Phi_{15}^{26}\ \Phi_{12}^{20}\ \Phi_{10}^{25}\ \Phi_6^{19}\ \Phi_5^{25}\ \Phi_4^{19}\ \Phi_3^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
99744	1463	2652	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{221}\ \Phi_{204}\ \Phi_{68}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
99745	1463	672	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^3\ \Phi_{168}^2\ \Phi_{112}^3\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}\ \Phi_7^3\ \Phi_4\ \Phi_1$
99746	1463	260	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{260}^6\ \Phi_{130}^5\ \Phi_{65}^6\ \Phi_{52}^6\ \Phi_{26}^5\ \Phi_{20}^5\ \Phi_{13}^5\ \Phi_{10}^4\ \Phi_5^5\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
99747	1463	1248	$\frac{1}{78}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1248}^2\ \Phi_{416}^2\ \Phi_{156}^2\ \Phi_{96}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
99748	1463	1400	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{34}{175}$	$\frac{141}{350}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{280}^2\ \Phi_{200}\ \Phi_{175}\ \Phi_{140}^2\ \Phi_{100}\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
99749	1463	1720	$\frac{1}{43}$	$\frac{257}{1720}$	$\frac{42}{215}$	$\frac{173}{430}$	$\Phi_{1720}\ \Phi_{860}\ \Phi_{344}\ \Phi_{215}\ \Phi_{172}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
99750	1463	344	$\frac{1}{43}$	$\frac{6}{43}$	$\frac{37}{172}$	$\frac{135}{344}$	$\Phi_{344}^7\ \Phi_{43}^6\ \Phi_8^7\ \Phi_1^7$
99751	1463	1206	$\frac{1}{134}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1206}\ \Phi_{603}\ \Phi_{402}^2\ \Phi_{201}^2\ \Phi_{134}\ \Phi_{67}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
99752	1463	1632	$\frac{1}{34}$	$\frac{169}{1632}$	$\frac{33}{136}$	$\frac{103}{272}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{96}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
99753	1463	336	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{41}{168}$	$\frac{127}{336}$	$\Phi_{336}^{7}\ \Phi_{168}^{2}\ \Phi_{112}^{7}\ \Phi_{84}^{2}\ \Phi_{56}^{2}\ \Phi_{48}^{7}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{16}^{7}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
99754	1463	1072	$\frac{1}{134}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1072}^{2}\ \Phi_{268}^{2}\ \Phi_{134}\ \Phi_{67}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
99755	1463	312	$\frac{1}{78}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^{4}\ \Phi_{156}^{6}\ \Phi_{104}^{4}\ \Phi_{78}^{5}\ \Phi_{52}^{6}\ \Phi_{39}^{5}\ \Phi_{26}^{5}\ \Phi_{24}^{3}\ \Phi_{13}^{5}\ \Phi_{12}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
99756	1463	390	$\frac{1}{78}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{390}^{4}\ \Phi_{195}^{4}\ \Phi_{130}^{4}\ \Phi_{78}^{3}\ \Phi_{65}^{4}\ \Phi_{39}^{3}\ \Phi_{30}^{3}\ \Phi_{26}^{3}\ \Phi_{15}^{4}\ \Phi_{13}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
99757	1463	215	$\frac{6}{215}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{215}^{7}\ \Phi_{43}^{6}\ \Phi_{5}^{7}\ \Phi_{1}^{7}$
99758	1463	204	$\frac{1}{34}$	$\frac{3}{34}$	$\frac{31}{102}$	$\frac{71}{204}$	$\Phi_{204}^{11}\ \Phi_{68}^{11}\ \Phi_{34}^{10}\ \Phi_{17}^{10}\ \Phi_{12}^{11}\ \Phi_{4}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
99759	1463	1530	$\frac{67}{1530}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}\ \Phi_{255}\ \Phi_{170}\ \Phi_{153}\ \Phi_{90}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
99760	1463	936	$\frac{1}{104}$	$\frac{2}{9}$	$\frac{103}{312}$	$\frac{1}{3}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{312}\ \Phi_{234}^{2}\ \Phi_{156}\ \Phi_{117}^{2}\ \Phi_{78}\ \Phi_{72}^{2}\ \Phi_{39}\ \Phi_{36}^{2}\ \Phi_{24}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
99761	1463	798	$\frac{1}{38}$	$\frac{2}{21}$	$\frac{37}{114}$	$\frac{1}{3}$	$\Phi_{798}^{2}\ \Phi_{399}^{2}\ \Phi_{266}^{2}\ \Phi_{133}^{2}\ \Phi_{114}\ \Phi_{57}\ \Phi_{42}^{2}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{7}^{3}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
99762	1463	135	$\frac{2}{135}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{135}^{11}\ \Phi_{45}^{11}\ \Phi_{27}^{11}\ \Phi_{15}^{10}\ \Phi_{9}^{11}\ \Phi_{5}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{9}$
99763	1463	1908	$\frac{3}{212}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{477}\ \Phi_{212}\ \Phi_{106}\ \Phi_{53}\ \Phi_{9}\ \Phi_{1}$
99764	1463	1680	$\frac{3}{80}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
99765	1463	552	$\frac{2}{69}$	$\frac{1}{8}$	$\frac{67}{276}$	$\frac{1}{3}$	$\Phi_{552}^{3}\ \Phi_{276}^{2}\ \Phi_{184}^{3}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{69}^{3}\ \Phi_{46}^{2}\ \Phi_{24}^{4}\ \Phi_{23}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
99766	1463	2340	$\frac{1}{52}$	$\frac{51}{260}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{260}\ \Phi_{180}\ \Phi_{130}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{20}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
99767	1463	216	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{216}^{7}\ \Phi_{108}^{7}\ \Phi_{72}^{6}\ \Phi_{54}^{7}\ \Phi_{36}^{6}\ \Phi_{27}^{7}\ \Phi_{24}^{7}\ \Phi_{18}^{6}\ \Phi_{12}^{7}\ \Phi_{9}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
99768	1463	234	$\frac{1}{26}$	$\frac{25}{234}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{234}^{6}\ \Phi_{117}^{6}\ \Phi_{78}^{7}\ \Phi_{39}^{7}\ \Phi_{26}^{6}\ \Phi_{18}^{6}\ \Phi_{13}^{6}\ \Phi_{9}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
99769	1463	936	$\frac{5}{104}$	$\frac{9}{104}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{234}^{2}\ \Phi_{117}^{2}\ \Phi_{104}^{2}\ \Phi_{72}^{2}\ \Phi_{52}^{2}\ \Phi_{36}^{2}\ \Phi_{26}^{2}\ \Phi_{18}^{2}\ \Phi_{13}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
99770	1463	180	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{60}^{4}\ \Phi_{45}^{11}\ \Phi_{36}^{8}\ \Phi_{30}^{4}\ \Phi_{20}^{3}\ \Phi_{18}^{8}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{9}^{9}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
99771	1463	1989	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1989}\ \Phi_{221}\ \Phi_{153}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
99772	1463	2016	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
99773	1463	1995	$\frac{1}{19}$	$\frac{2}{21}$	$\frac{18}{95}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{105}\ \Phi_{95}\ \Phi_{35}\ \Phi_{21}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
99774	1463	180	$\frac{1}{20}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{180}^{10}\ \Phi_{90}^{9}\ \Phi_{60}^{6}\ \Phi_{45}^{9}\ \Phi_{36}^{10}\ \Phi_{30}^{5}\ \Phi_{20}^{5}\ \Phi_{18}^{9}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{10}^{4}\ \Phi_{9}^{9}\ \Phi_{6}^{5}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
99775	1463	798	$\frac{3}{38}$	$\frac{2}{21}$	$\frac{5}{38}$	$\frac{1}{3}$	$\Phi_{798}^{2}\ \Phi_{399}^{2}\ \Phi_{266}^{2}\ \Phi_{133}^{2}\ \Phi_{42}^{2}\ \Phi_{38}^{2}\ \Phi_{21}^{3}\ \Phi_{19}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
99776	1463	168	$\frac{1}{12}$	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{168}^{11}\ \Phi_{84}^{8}\ \Phi_{56}^{11}\ \Phi_{42}^{8}\ \Phi_{28}^{8}\ \Phi_{24}^{4}\ \Phi_{21}^{9}\ \Phi_{14}^{8}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{9}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
99777	1463	990	$\frac{1}{66}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{65}{198}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{198}^{3}\ \Phi_{99}^{3}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{18}^{3}\ \Phi_{15}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$
99778	1463	1026	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{37}{114}$	$\Phi_{1026}^{2}\ \Phi_{513}^{2}\ \Phi_{114}\ \Phi_{57}\ \Phi_{54}^{2}\ \Phi_{27}^{3}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
99779	1463	456	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{37}{114}$	$\Phi_{456}^{4}\ \Phi_{228}^{4}\ \Phi_{152}^{4}\ \Phi_{114}\ \Phi_{76}^{4}\ \Phi_{57}\ \Phi_{24}^{5}\ \Phi_{12}^{5}\ \Phi_{8}^{5}\ \Phi_{6}\ \Phi_{4}^{5}\ \Phi_{3}\ \Phi_{1}$
99780	1463	1080	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{61}{270}$	$\frac{29}{90}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{270}\ \Phi_{216}^{2}\ \Phi_{135}\ \Phi_{120}^{2}\ \Phi_{108}^{2}\ \Phi_{60}^{2}\ \Phi_{54}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
99781	1463	504	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{43}{252}$	$\frac{20}{63}$	$\Phi_{504}^{3}\ \Phi_{252}^{2}\ \Phi_{168}^{4}\ \Phi_{126}^{2}\ \Phi_{84}^{3}\ \Phi_{72}^{3}\ \Phi_{63}^{3}\ \Phi_{56}^{4}\ \Phi_{42}^{3}\ \Phi_{36}^{2}\ \Phi_{28}^{3}\ \Phi_{24}^{4}\ \Phi_{21}^{3}\ \Phi_{18}^{2}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
99782	1463	306	$\frac{5}{102}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{97}{306}$	$\Phi_{306}^{7}\ \Phi_{153}^{7}\ \Phi_{51}\ \Phi_{18}^{7}\ \Phi_{9}^{7}\ \Phi_{3}\ \Phi_{1}$
99783	1463	306	$\frac{5}{102}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{97}{306}$	$\Phi_{306}^{7}\ \Phi_{153}^{7}\ \Phi_{18}^{7}\ \Phi_{17}^{2}\ \Phi_{9}^{7}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
99784	1463	1224	$\frac{5}{102}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{97}{306}$	$\Phi_{1224}^2\ \Phi_{612}^2\ \Phi_{306}\ \Phi_{153}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
99785	1463	255	$\frac{1}{17}$	$\frac{5}{51}$	$\frac{46}{255}$	$\frac{16}{51}$	$\Phi_{255}^7\ \Phi_{85}^7\ \Phi_{51}\ \Phi_{15}^7\ \Phi_5^7\ \Phi_3\ \Phi_1$
99786	1463	1632	$\frac{1}{17}$	$\frac{169}{1632}$	$\frac{35}{204}$	$\frac{16}{51}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{136}\ \Phi_{96}\ \Phi_{51}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_3\ \Phi_1$
99787	1463	600	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{91}{300}$	$\Phi_{600}^4\ \Phi_{300}^3\ \Phi_{150}^3\ \Phi_{120}^4\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{40}^2\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_8\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
99788	1463	2160	$\frac{3}{80}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{80}\ \Phi_{40}\ \Phi_{27}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
99789	1463	2565	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{18}{95}$	$\frac{8}{27}$	$\Phi_{2565}\ \Phi_{135}\ \Phi_{95}\ \Phi_{27}\ \Phi_5\ \Phi_1$
99790	1463	1026	$\frac{3}{38}$	$\frac{1}{9}$	$\frac{5}{38}$	$\frac{8}{27}$	$\Phi_{1026}^2\ \Phi_{513}^2\ \Phi_{54}^2\ \Phi_{38}^2\ \Phi_{27}^3\ \Phi_{19}^2\ \Phi_2^2\ \Phi_1^3$
99791	1463	216	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{27}$	$\Phi_{216}^{11}\ \Phi_{108}^8\ \Phi_{54}^8\ \Phi_{27}^9\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
99792	1463	221	$\frac{12}{221}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{221}^7\ \Phi_{17}^2\ \Phi_{13}^7\ \Phi_1^3$
99793	1463	1176	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{98}$	$\frac{85}{294}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{294}\ \Phi_{168}^2\ \Phi_{147}\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
99794	1463	540	$\frac{1}{20}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{135}^4\ \Phi_{108}^3\ \Phi_{60}^2\ \Phi_{54}^3\ \Phi_{30}^2\ \Phi_{27}^3\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
99795	1463	2040	$\frac{1}{34}$	$\frac{103}{680}$	$\frac{33}{136}$	$\frac{577}{2040}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}\ \Phi_{102}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
99796	1463	180	$\frac{1}{20}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{180}^8\ \Phi_{90}^7\ \Phi_{60}^{10}\ \Phi_{45}^7\ \Phi_{36}^8\ \Phi_{30}^9\ \Phi_{20}^9\ \Phi_{18}^8\ \Phi_{15}^9\ \Phi_{12}^{10}\ \Phi_{10}^8\ \Phi_9^8\ \Phi_6^9\ \Phi_5^8\ \Phi_4^9\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
99797	1463	1935	$\frac{1}{43}$	$\frac{42}{215}$	$\frac{472}{1935}$	$\frac{173}{645}$	$\Phi_{1935}\ \Phi_{387}\ \Phi_{215}\ \Phi_{45}\ \Phi_9\ \Phi_5\ \Phi_1$
99798	1463	2040	$\frac{3}{136}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
99799	1463	2640	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{43}{176}$	$\frac{4}{15}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{528}\ \Phi_{264}\ \Phi_{240}\ \Phi_{176}\ \Phi_{120}\ \Phi_{88}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
99800	1463	165	$\frac{1}{33}$	$\frac{32}{165}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{165}^9\ \Phi_{55}^9\ \Phi_{33}^8\ \Phi_{15}^{10}\ \Phi_{11}^8\ \Phi_5^9\ \Phi_3^9\ \Phi_1^9$
99801	1463	690	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{230}^2\ \Phi_{138}^3\ \Phi_{115}^2\ \Phi_{69}^3\ \Phi_{46}^3\ \Phi_{23}^3\ \Phi_{15}\ \Phi_3\ \Phi_1$
99802	1463	330	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{330}^6\ \Phi_{165}^6\ \Phi_{66}^6\ \Phi_{33}^6\ \Phi_{30}^6\ \Phi_{22}^6\ \Phi_{15}^7\ \Phi_{11}^6\ \Phi_6^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
99803	1463	120	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{120}^{19}\ \Phi_{60}^{14}\ \Phi_{40}^4\ \Phi_{30}^{14}\ \Phi_{24}^{19}\ \Phi_{20}^3\ \Phi_{15}^{15}\ \Phi_{12}^{14}\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^{14}\ \Phi_5^3\ \Phi_4^2\ \Phi_3^{15}\ \Phi_2^2\ \Phi_1^3$
99804	1463	2145	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{195}\ \Phi_{143}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_3\ \Phi_1$
99805	1463	720	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^3\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{15}\ \Phi_9^3\ \Phi_8^3\ \Phi_3\ \Phi_1$
99806	1463	240	$\frac{3}{80}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^7\ \Phi_{60}^6\ \Phi_{48}^6\ \Phi_{40}^7\ \Phi_{30}^6\ \Phi_{24}^3\ \Phi_{20}^7\ \Phi_{16}^7\ \Phi_{15}^6\ \Phi_{12}^5\ \Phi_{10}^7\ \Phi_8^4\ \Phi_6^4\ \Phi_5^7\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
99807	1463	43	$\frac{3}{43}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{10}{43}$	$\Phi_{43}^{34}\ \Phi_1^{35}$
99808	1463	272	$\frac{5}{68}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{63}{272}$	$\Phi_{272}^7\ \Phi_{136}^7\ \Phi_{17}^2\ \Phi_{16}^7\ \Phi_8^7\ \Phi_1^3$
99809	1463	240	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{31}{240}$	$\frac{9}{40}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{80}^7\ \Phi_{60}^7\ \Phi_{48}^7\ \Phi_{40}^2\ \Phi_{30}^7\ \Phi_{24}^7\ \Phi_{20}^2\ \Phi_{16}^7\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}\ \Phi_8\ \Phi_6^7\ \Phi_5\ \Phi_4\ \Phi_3^7\ \Phi_1$
99810	1463	168	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{168}^{11}\ \Phi_{84}^{11}\ \Phi_{56}^8\ \Phi_{42}^4\ \Phi_{28}^8\ \Phi_{24}^{11}\ \Phi_{21}^7\ \Phi_{14}^3\ \Phi_{12}^{11}\ \Phi_8^7\ \Phi_7^5\ \Phi_6^4\ \Phi_4^7\ \Phi_3^7\ \Phi_2^2\ \Phi_1^5$
99811	1463	480	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{96}^3\ \Phi_{80}^4\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
99812	1463	2280	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{18}{95}$	$\frac{5}{24}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{380}\ \Phi_{120}\ \Phi_{95}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
99813	1463	456	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{456}^4\ \Phi_{228}^4\ \Phi_{152}^4\ \Phi_{76}^4\ \Phi_{38}^2\ \Phi_{24}^5\ \Phi_{19}^2\ \Phi_{12}^5\ \Phi_8^5\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
99814	1463	24	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{24}^{59}\ \Phi_{12}^{64}\ \Phi_8^{58}\ \Phi_6^{63}\ \Phi_4^{63}\ \Phi_3^{63}\ \Phi_2^{62}\ \Phi_1^{63}$
99815	1463	255	$\frac{5}{51}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{46}{255}$	$\Phi_{255}^7\ \Phi_{85}^7\ \Phi_{17}^2\ \Phi_{15}^7\ \Phi_5^7\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
99816	1463	1000	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{41}{250}$	$\frac{9}{50}$	$\Phi_{1000}^2\ \Phi_{500}^2\ \Phi_{250}\ \Phi_{125}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
99817	1463	238	$\frac{2}{17}$	$\frac{29}{238}$	$\frac{5}{34}$	$\frac{3}{17}$	$\Phi_{238}^7\ \Phi_{119}^7\ \Phi_{17}^2\ \Phi_{14}^7\ \Phi_7^7\ \Phi_1^3$
99818	1464	1095	$\frac{1}{365}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{182}{365}$	$\Phi_{1095}\ \Phi_{365}^2\ \Phi_{219}\ \Phi_{73}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
99819	1464	1463	$\frac{5}{1463}$	$\frac{367}{1463}$	$\frac{548}{1463}$	$\frac{729}{1463}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{133}\ \Phi_{77}\ \Phi_{19}\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
99820	1464	2199	$\frac{3}{733}$	$\frac{184}{733}$	$\frac{1}{3}$	$\frac{365}{733}$	Φ_{2199}
99821	1464	1215	$\frac{1}{243}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{121}{243}$	$\Phi_{1215}\ \Phi_{405}\ \Phi_{243}^2\ \Phi_{135}\ \Phi_{81}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
99822	1464	972	$\frac{1}{243}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{121}{243}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
99823	1464	209	$\frac{1}{209}$	$\frac{35}{209}$	$\frac{87}{209}$	$\frac{104}{209}$	$\Phi_{209}^7\ \Phi_{19}^7\ \Phi_{11}^7\ \Phi_1^8$
99824	1464	364	$\frac{1}{182}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{181}{364}$	$\Phi_{364}^8\ \Phi_{52}^8\ \Phi_{28}^8\ \Phi_7\ \Phi_4^8\ \Phi_1^2$
99825	1464	5460	$\frac{1}{182}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{181}{364}$	$\Phi_{5460}\ \Phi_{780}\ \Phi_{420}\ \Phi_{60}\ \Phi_{15}$
99826	1464	652	$\frac{1}{163}$	$\frac{1}{4}$	$\frac{41}{163}$	$\frac{81}{163}$	$\Phi_{652}^3\ \Phi_{326}^3\ \Phi_4^2\ \Phi_2^2$
99827	1464	1463	$\frac{9}{1463}$	$\frac{365}{1463}$	$\frac{368}{1463}$	$\frac{727}{1463}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{133}\ \Phi_{77}\ \Phi_{19}\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
99828	1464	2199	$\frac{5}{733}$	$\frac{123}{733}$	$\frac{1}{3}$	$\frac{364}{733}$	Φ_{2199}
99829	1464	665	$\frac{1}{133}$	$\frac{67}{665}$	$\frac{299}{665}$	$\frac{66}{133}$	$\Phi_{665}^2\ \Phi_{133}^3\ \Phi_{95}^2\ \Phi_{35}^2\ \Phi_{19}^3\ \Phi_7^3\ \Phi_5^2\ \Phi_1^4$
99830	1464	121	$\frac{1}{121}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{60}{121}$	$\Phi_{121}^{12}\ \Phi_{11}^{13}\ \Phi_1^{14}$
99831	1464	2541	$\frac{1}{121}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{60}{121}$	$\Phi_{2541}\ \Phi_{231}\ \Phi_{21}^2$
99832	1464	121	$\frac{1}{121}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{60}{121}$	$\Phi_{121}^{12}\ \Phi_{11}^{13}\ \Phi_1^{14}$
99833	1464	2420	$\frac{1}{121}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{60}{121}$	$\Phi_{2420}\ \Phi_{1210}\ \Phi_{220}\ \Phi_{110}\ \Phi_{20}^2\ \Phi_{10}^2$
99834	1464	1463	$\frac{13}{1463}$	$\frac{123}{1463}$	$\frac{670}{1463}$	$\frac{725}{1463}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{133}\ \Phi_{77}\ \Phi_{19}\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
99835	1464	483	$\frac{5}{483}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{239}{483}$	$\Phi_{483}^3\ \Phi_{161}^3\ \Phi_{69}^3\ \Phi_{23}^3\ \Phi_{21}^3\ \Phi_7^5\ \Phi_3^3\ \Phi_1^6$
99836	1464	1463	$\frac{17}{1463}$	$\frac{185}{1463}$	$\frac{426}{1463}$	$\frac{723}{1463}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{133}\ \Phi_{77}\ \Phi_{19}\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
99837	1464	245	$\frac{3}{245}$	$\frac{1}{7}$	$\frac{62}{245}$	$\frac{121}{245}$	$\Phi_{245}^6\ \Phi_{49}^6\ \Phi_{35}^6\ \Phi_7^5\ \Phi_5^6\ \Phi_1^6$
99838	1464	231	$\frac{1}{77}$	$\frac{13}{231}$	$\frac{109}{231}$	$\frac{38}{77}$	$\Phi_{231}^6\ \Phi_{77}^7\ \Phi_{33}^6\ \Phi_{21}^6\ \Phi_{11}^7\ \Phi_7^7\ \Phi_3^6\ \Phi_1^8$
99839	1464	77	$\frac{1}{77}$	$\frac{13}{77}$	$\frac{16}{77}$	$\frac{38}{77}$	$\Phi_{77}^{19}\ \Phi_{11}^{19}\ \Phi_7^{19}\ \Phi_1^{20}$
99840	1464	1835	$\frac{5}{367}$	$\frac{62}{367}$	$\frac{1}{5}$	$\frac{181}{367}$	Φ_{1835}
99841	1464	361	$\frac{5}{361}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{178}{361}$	$\Phi_{361}^4\ \Phi_{19}^5\ \Phi_1^6$
99842	1464	361	$\frac{5}{361}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{178}{361}$	$\Phi_{361}^4\ \Phi_{19}^5\ \Phi_1^6$
99843	1464	1956	$\frac{7}{489}$	$\frac{62}{489}$	$\frac{1}{4}$	$\frac{241}{489}$	$\Phi_{1956}\ \Phi_{978}\ \Phi_{652}\ \Phi_{326}\ \Phi_{12}\ \Phi_6$
99844	1464	209	$\frac{3}{209}$	$\frac{26}{209}$	$\frac{53}{209}$	$\frac{103}{209}$	$\Phi_{209}^7\ \Phi_{19}^7\ \Phi_{11}^7\ \Phi_1^8$
99845	1464	2199	$\frac{11}{733}$	$\frac{62}{733}$	$\frac{1}{3}$	$\frac{361}{733}$	Φ_{2199}
99846	1464	2760	$\frac{1}{60}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{59}{120}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{184}\ \Phi_{120}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_1^2$
99847	1464	1560	$\frac{1}{60}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{59}{120}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}^2\ \Phi_{104}^2\ \Phi_{39}$
99848	1464	2760	$\frac{1}{60}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{59}{120}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{184}\ \Phi_{120}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_1^2$
99849	1464	360	$\frac{1}{60}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{59}{120}$	$\Phi_{360}^9\ \Phi_{120}^6\ \Phi_{72}^9\ \Phi_{40}^6\ \Phi_{36}\ \Phi_{24}^6\ \Phi_{18}\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
99850	1464	2760	$\frac{1}{60}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{59}{120}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{184}\ \Phi_{120}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_1^2$
99851	1464	840	$\frac{1}{60}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{59}{120}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{168}^4\ \Phi_{56}^4\ \Phi_{35}$
99852	1464	1435	$\frac{29}{1435}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{703}{1435}$	$\Phi_{1435}\ \Phi_{287}\ \Phi_{205}\ \Phi_{41}\ \Phi_{35}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
99853	1464	147	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{25}{147}$	$\frac{24}{49}$	$\Phi_{147}^{12}\ \Phi_{49}^6\ \Phi_{21}^{12}\ \Phi_7^5\ \Phi_3^{12}\ \Phi_1^6$
99854	1464	133	$\frac{3}{133}$	$\frac{11}{133}$	$\frac{34}{133}$	$\frac{65}{133}$	$\Phi_{133}^{11}\ \Phi_{19}^{11}\ \Phi_7^{11}\ \Phi_1^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
99855	1464	1066	$\frac{1}{41}$	$\frac{1}{13}$	$\frac{21}{82}$	$\frac{20}{41}$	$\Phi_{1066}^{2}\ \Phi_{533}\ \Phi_{26}^{2}$
99856	1464	119	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{58}{119}$	$\Phi_{119}^{12}\ \Phi_{17}^{12}\ \Phi_{7}^{17}\ \Phi_{1}^{18}$
99857	1464	475	$\frac{13}{475}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{231}{475}$	$\Phi_{475}^{3}\ \Phi_{95}^{3}\ \Phi_{25}^{3}\ \Phi_{19}^{5}\ \Phi_{5}^{3}\ \Phi_{1}^{6}$
99858	1464	70	$\frac{1}{35}$	$\frac{9}{70}$	$\frac{1}{7}$	$\frac{17}{35}$	$\Phi_{70}^{24}\ \Phi_{35}^{18}\ \Phi_{14}^{24}\ \Phi_{10}^{24}\ \Phi_{7}^{17}\ \Phi_{5}^{18}\ \Phi_{2}^{24}\ \Phi_{1}^{18}$
99859	1464	1421	$\frac{43}{1421}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{689}{1421}$	$\Phi_{1421}\ \Phi_{203}\ \Phi_{49}^{2}\ \Phi_{29}\ \Phi_{7}\ \Phi_{1}^{2}$
99860	1464	209	$\frac{7}{209}$	$\frac{26}{209}$	$\frac{27}{209}$	$\frac{101}{209}$	$\Phi_{209}^{7}\ \Phi_{19}^{7}\ \Phi_{11}^{7}\ \Phi_{1}^{8}$
99861	1464	247	$\frac{9}{247}$	$\frac{1}{19}$	$\frac{64}{247}$	$\frac{119}{247}$	$\Phi_{247}^{6}\ \Phi_{19}^{5}\ \Phi_{13}^{6}\ \Phi_{1}^{6}$
99862	1464	133	$\frac{5}{133}$	$\frac{11}{133}$	$\frac{23}{133}$	$\frac{64}{133}$	$\Phi_{133}^{11}\ \Phi_{19}^{11}\ \Phi_{7}^{11}\ \Phi_{1}^{12}$
99863	1464	385	$\frac{3}{77}$	$\frac{19}{385}$	$\frac{20}{77}$	$\frac{37}{77}$	$\Phi_{385}^{4}\ \Phi_{77}^{3}\ \Phi_{55}^{4}\ \Phi_{35}^{4}\ \Phi_{11}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
99864	1464	3168	$\frac{7}{176}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{169}{352}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{288}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
99865	1464	1449	$\frac{2}{63}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{161}\ \Phi_{63}^{2}\ \Phi_{23}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
99866	1464	2070	$\frac{1}{30}$	$\frac{1}{23}$	$\frac{29}{90}$	$\frac{11}{23}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{414}\ \Phi_{207}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{23}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
99867	1464	1472	$\frac{1}{23}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{368}\ \Phi_{184}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{23}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
99868	1464	1840	$\frac{1}{23}$	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{11}{23}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{368}\ \Phi_{184}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{23}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
99869	1464	1495	$\frac{1}{23}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{1495}\ \Phi_{299}\ \Phi_{65}^{2}\ \Phi_{23}\ \Phi_{13}^{2}\ \Phi_{1}^{2}$
99870	1464	1725	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{11}{23}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{75}^{2}\ \Phi_{25}^{2}\ \Phi_{23}\ \Phi_{1}^{2}$
99871	1464	1518	$\frac{1}{23}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{11}{23}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{253}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{23}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
99872	1464	1656	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{11}{23}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{207}\ \Phi_{184}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{23}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
99873	1464	1610	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{11}{23}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{322}\ \Phi_{161}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{23}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
99874	1464	350	$\frac{8}{175}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{167}{350}$	$\Phi_{350}^{8}\ \Phi_{70}^{8}\ \Phi_{50}^{8}\ \Phi_{35}^{2}\ \Phi_{14}^{8}\ \Phi_{10}^{8}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
99875	1464	361	$\frac{10}{361}$	$\frac{1}{19}$	$\frac{117}{361}$	$\frac{9}{19}$	$\Phi_{361}^{4}\ \Phi_{19}^{5}\ \Phi_{1}^{6}$
99876	1464	190	$\frac{7}{190}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{190}^{8}\ \Phi_{95}^{8}\ \Phi_{38}^{8}\ \Phi_{19}^{5}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
99877	1464	231	$\frac{2}{77}$	$\frac{13}{231}$	$\frac{25}{77}$	$\frac{109}{231}$	$\Phi_{231}^{6}\ \Phi_{77}^{7}\ \Phi_{33}^{6}\ \Phi_{21}^{6}\ \Phi_{11}^{7}\ \Phi_{7}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
99878	1464	231	$\frac{13}{231}$	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{109}{231}$	$\Phi_{231}^{6}\ \Phi_{77}^{7}\ \Phi_{33}^{6}\ \Phi_{21}^{6}\ \Phi_{11}^{7}\ \Phi_{7}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
99879	1464	196	$\frac{3}{49}$	$\frac{13}{196}$	$\frac{1}{7}$	$\frac{23}{49}$	$\Phi_{196}^{8}\ \Phi_{98}^{8}\ \Phi_{49}^{6}\ \Phi_{28}^{8}\ \Phi_{14}^{8}\ \Phi_{7}^{5}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
99880	1464	343	$\frac{3}{49}$	$\frac{23}{343}$	$\frac{1}{7}$	$\frac{160}{343}$	$\Phi_{343}^{4}\ \Phi_{49}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
99881	1464	114	$\frac{1}{19}$	$\frac{4}{57}$	$\frac{3}{19}$	$\frac{53}{114}$	$\Phi_{114}^{24}\ \Phi_{38}^{24}\ \Phi_{19}^{5}\ \Phi_{6}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{6}$
99882	1464	455	$\frac{2}{35}$	$\frac{33}{455}$	$\frac{1}{7}$	$\frac{211}{455}$	$\Phi_{455}^{3}\ \Phi_{91}^{3}\ \Phi_{65}^{3}\ \Phi_{35}^{6}\ \Phi_{13}^{3}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
99883	1464	385	$\frac{19}{385}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{385}^{4}\ \Phi_{77}^{4}\ \Phi_{55}^{4}\ \Phi_{35}^{2}\ \Phi_{11}^{4}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
99884	1464	2046	$\frac{1}{62}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{2046}\ \Phi_{1023}\ \Phi_{186}^{2}\ \Phi_{93}^{2}\ \Phi_{66}\ \Phi_{6}^{2}$
99885	1464	363	$\frac{2}{121}$	$\frac{1}{11}$	$\frac{119}{363}$	$\frac{5}{11}$	$\Phi_{363}^{6}\ \Phi_{33}^{6}\ \Phi_{11}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
99886	1464	187	$\frac{4}{187}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{187}^{8}\ \Phi_{17}^{8}\ \Phi_{11}^{5}\ \Phi_{1}^{6}$
99887	1464	242	$\frac{3}{121}$	$\frac{1}{11}$	$\frac{59}{242}$	$\frac{5}{11}$	$\Phi_{242}^{8}\ \Phi_{121}^{4}\ \Phi_{22}^{8}\ \Phi_{11}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
99888	1464	253	$\frac{9}{253}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{253}^{6}\ \Phi_{23}^{6}\ \Phi_{11}\ \Phi_{1}^{2}$
99889	1464	847	$\frac{6}{121}$	$\frac{1}{11}$	$\frac{115}{847}$	$\frac{5}{11}$	$\Phi_{847}^{2}\ \Phi_{77}^{2}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
99890	1464	66	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{66}^{24}\ \Phi_{33}^{24}\ \Phi_{22}^{24}\ \Phi_{11}^{13}\ \Phi_{6}^{24}\ \Phi_{3}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{14}$
99891	1464	441	$\frac{2}{49}$	$\frac{47}{441}$	$\frac{1}{7}$	$\frac{197}{441}$	$\Phi_{441}^{3}\ \Phi_{147}^{3}\ \Phi_{63}^{3}\ \Phi_{49}^{6}\ \Phi_{21}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{5}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
99892	1464	110	$\frac{1}{22}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{49}{110}$	$\Phi_{110}^{13}\ \Phi_{55}^{14}\ \Phi_{22}^{12}\ \Phi_{11}^{13}\ \Phi_{10}^{13}\ \Phi_{5}^{14}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
99893	1464	1550	$\frac{1}{62}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1550}\ \Phi_{775}\ \Phi_{310}\ \Phi_{155}\ \Phi_{50}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
99894	1464	576	$\frac{3}{64}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{576}^{3}\ \Phi_{288}^{3}\ \Phi_{192}^{3}\ \Phi_{144}^{2}\ \Phi_{96}^{3}\ \Phi_{72}^{3}\ \Phi_{48}^{2}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
99895	1464	2898	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{22}{161}$	$\frac{139}{322}$	$\Phi_{2898}\ \Phi_{966}\ \Phi_{414}\ \Phi_{207}\ \Phi_{138}\ \Phi_{126}\ \Phi_{69}\ \Phi_{42}\ \Phi_{18}\ \Phi_{6}$
99896	1464	91	$\frac{1}{91}$	$\frac{1}{7}$	$\frac{30}{91}$	$\frac{3}{7}$	$\Phi_{91}^{16}\ \Phi_{13}^{16}\ \Phi_{7}^{17}\ \Phi_{1}^{18}$
99897	1464	371	$\frac{5}{371}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{371}^{4}\ \Phi_{53}^{4}\ \Phi_{7}\ \Phi_{1}^{2}$
99898	1464	868	$\frac{1}{62}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{868}^{2}\ \Phi_{434}\ \Phi_{217}\ \Phi_{124}^{4}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{28}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
99899	1464	455	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{89}{455}$	$\frac{3}{7}$	$\Phi_{455}^{4}\ \Phi_{65}^{4}\ \Phi_{35}^{4}\ \Phi_{7}\ \Phi_{5}^{4}\ \Phi_{1}^{2}$
99900	1464	63	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{63}^{24}\ \Phi_{21}^{24}\ \Phi_{9}^{24}\ \Phi_{7}^{17}\ \Phi_{3}^{24}\ \Phi_{1}^{18}$
99901	1464	1456	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{208}^{2}\ \Phi_{112}\ \Phi_{104}^{2}\ \Phi_{56}\ \Phi_{52}^{2}\ \Phi_{28}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
99902	1464	273	$\frac{4}{91}$	$\frac{29}{273}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{273}^{6}\ \Phi_{91}^{4}\ \Phi_{39}^{6}\ \Phi_{21}^{6}\ \Phi_{13}^{4}\ \Phi_{7}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
99903	1464	455	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{455}^{3}\ \Phi_{91}^{2}\ \Phi_{65}^{6}\ \Phi_{35}^{3}\ \Phi_{13}^{4}\ \Phi_{7}^{3}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
99904	1464	196	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{196}^{8}\ \Phi_{98}^{8}\ \Phi_{49}^{8}\ \Phi_{28}^{8}\ \Phi_{7}\ \Phi_{4}^{8}\ \Phi_{1}^{2}$
99905	1464	133	$\frac{1}{19}$	$\frac{11}{133}$	$\frac{3}{19}$	$\frac{8}{19}$	$\Phi_{133}^{12}\ \Phi_{19}^{5}\ \Phi_{7}^{12}\ \Phi_{1}^{6}$
99906	1464	105	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{17}{105}$	$\frac{44}{105}$	$\Phi_{105}^{12}\ \Phi_{35}^{18}\ \Phi_{21}^{12}\ \Phi_{15}^{12}\ \Phi_{7}^{17}\ \Phi_{5}^{18}\ \Phi_{3}^{12}\ \Phi_{1}^{18}$
99907	1464	1463	$\frac{17}{1463}$	$\frac{241}{1463}$	$\frac{426}{1463}$	$\frac{611}{1463}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{133}\ \Phi_{77}\ \Phi_{19}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^{2}$
99908	1464	2199	$\frac{7}{733}$	$\frac{121}{733}$	$\frac{1}{3}$	$\frac{306}{733}$	Φ_{2199}
99909	1464	209	$\frac{2}{209}$	$\frac{35}{209}$	$\frac{69}{209}$	$\frac{87}{209}$	$\Phi_{209}^{7}\ \Phi_{19}^{7}\ \Phi_{11}^{7}\ \Phi_{1}^{8}$
99910	1464	1235	$\frac{1}{19}$	$\frac{18}{247}$	$\frac{229}{1235}$	$\frac{503}{1235}$	$\Phi_{1235}\ \Phi_{247}^{2}\ \Phi_{95}\ \Phi_{65}\ \Phi_{19}\ \Phi_{13}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
99911	1464	308	$\frac{1}{77}$	$\frac{29}{154}$	$\frac{19}{77}$	$\frac{125}{308}$	$\Phi_{308}^{8}\ \Phi_{77}^{3}\ \Phi_{44}^{8}\ \Phi_{28}^{8}\ \Phi_{11}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{8}\ \Phi_{1}^{4}$
99912	1464	1225	$\frac{6}{245}$	$\frac{1}{7}$	$\frac{239}{1225}$	$\frac{493}{1225}$	$\Phi_{1225}\ \Phi_{245}^{2}\ \Phi_{175}\ \Phi_{49}^{2}\ \Phi_{35}^{2}\ \Phi_{25}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
99913	1464	615	$\frac{1}{123}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{615}^{2}\ \Phi_{205}^{2}\ \Phi_{123}^{4}\ \Phi_{41}^{4}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
99914	1464	405	$\frac{1}{81}$	$\frac{1}{5}$	$\frac{20}{81}$	$\frac{2}{5}$	$\Phi_{405}^{3}\ \Phi_{135}^{3}\ \Phi_{81}^{6}\ \Phi_{45}^{3}\ \Phi_{27}^{6}\ \Phi_{15}^{3}\ \Phi_{9}^{6}\ \Phi_{5}^{4}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
99915	1464	310	$\frac{1}{62}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{310}^{5}\ \Phi_{155}^{5}\ \Phi_{62}^{4}\ \Phi_{31}^{4}\ \Phi_{10}^{5}\ \Phi_{2}^{4}$
99916	1464	875	$\frac{3}{125}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{875}^{2}\ \Phi_{175}^{2}\ \Phi_{35}$
99917	1464	315	$\frac{2}{63}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{315}^{4}\ \Phi_{105}^{4}\ \Phi_{63}^{8}\ \Phi_{45}^{3}\ \Phi_{35}^{4}\ \Phi_{21}^{8}\ \Phi_{15}^{3}\ \Phi_{9}^{6}\ \Phi_{7}^{8}\ \Phi_{5}^{4}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
99918	1464	135	$\frac{1}{27}$	$\frac{13}{135}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{135}^{11}\ \Phi_{45}^{11}\ \Phi_{27}^{10}\ \Phi_{15}^{11}\ \Phi_{9}^{10}\ \Phi_{5}^{12}\ \Phi_{3}^{10}\ \Phi_{1}^{12}$
99919	1464	399	$\frac{1}{133}$	$\frac{89}{399}$	$\frac{44}{133}$	$\frac{155}{399}$	$\Phi_{399}^{3}\ \Phi_{133}^{5}\ \Phi_{57}^{3}\ \Phi_{21}^{3}\ \Phi_{19}^{5}\ \Phi_{7}^{5}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
99920	1464	1599	$\frac{1}{123}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{39}$
99921	1464	209	$\frac{5}{209}$	$\frac{26}{209}$	$\frac{51}{209}$	$\frac{79}{209}$	$\Phi_{209}^{7}\ \Phi_{19}^{7}\ \Phi_{11}^{7}\ \Phi_{1}^{8}$
99922	1464	98	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{12}{49}$	$\frac{37}{98}$	$\Phi_{98}^{24}\ \Phi_{49}^{6}\ \Phi_{14}^{24}\ \Phi_{7}^{5}\ \Phi_{2}^{24}\ \Phi_{1}^{6}$
99923	1464	77	$\frac{1}{77}$	$\frac{16}{77}$	$\frac{19}{77}$	$\frac{29}{77}$	$\Phi_{77}^{19}\ \Phi_{11}^{19}\ \Phi_{7}^{19}\ \Phi_{1}^{20}$
99924	1464	1956	$\frac{5}{489}$	$\frac{121}{489}$	$\frac{1}{4}$	$\frac{184}{489}$	$\Phi_{1956}\ \Phi_{978}\ \Phi_{652}\ \Phi_{326}\ \Phi_{12}\ \Phi_{6}$
99925	1464	266	$\frac{1}{133}$	$\frac{33}{133}$	$\frac{83}{266}$	$\frac{50}{133}$	$\Phi_{266}^{8}\ \Phi_{133}^{3}\ \Phi_{38}^{8}\ \Phi_{19}^{3}\ \Phi_{14}^{8}\ \Phi_{7}^{3}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
99926	1464	1463	$\frac{15}{1463}$	$\frac{362}{1463}$	$\frac{367}{1463}$	$\frac{548}{1463}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{133}\ \Phi_{77}\ \Phi_{19}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^{2}$
99927	1464	247	$\frac{3}{247}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{247}^{6}\ \Phi_{19}^{5}\ \Phi_{13}^{6}\ \Phi_{1}^{6}$
99928	1464	385	$\frac{1}{77}$	$\frac{76}{385}$	$\frac{103}{385}$	$\frac{141}{385}$	$\Phi_{385}^{4}\ \Phi_{77}^{3}\ \Phi_{55}^{4}\ \Phi_{35}^{4}\ \Phi_{11}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
99929	1464	1550	$\frac{1}{62}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1550}\ \Phi_{775}\ \Phi_{310}\ \Phi_{155}\ \Phi_{50}\ \Phi_{10}$
99930	1464	133	$\frac{4}{133}$	$\frac{11}{133}$	$\frac{43}{133}$	$\frac{45}{133}$	$\Phi_{133}^{11}\ \Phi_{19}^{11}\ \Phi_{7}^{11}\ \Phi_{1}^{12}$
99931	1464	828	$\frac{1}{46}$	$\frac{1}{9}$	$\frac{15}{46}$	$\frac{31}{92}$	$\Phi_{828}^{3}\ \Phi_{414}\ \Phi_{276}^{3}\ \Phi_{207}\ \Phi_{138}\ \Phi_{69}\ \Phi_{36}^{3}\ \Phi_{18}\ \Phi_{12}^{3}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
99932	1464	1463	$\frac{20}{1463}$	$\frac{243}{1463}$	$\frac{481}{1463}$	$\frac{491}{1463}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{133}\ \Phi_{77}\ \Phi_{19}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^{2}$
99933	1464	1835	$\frac{4}{367}$	$\frac{1}{5}$	$\frac{121}{367}$	$\frac{123}{367}$	Φ_{1835}
99934	1464	1463	$\frac{8}{1463}$	$\frac{485}{1463}$	$\frac{487}{1463}$	$\frac{489}{1463}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{133}\ \Phi_{77}\ \Phi_{19}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^{2}$
99935	1464	2199	$\frac{4}{733}$	$\frac{243}{733}$	$\frac{1}{3}$	$\frac{245}{733}$	Φ_{2199}
99936	1464	552	$\frac{1}{184}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{552}^{3}\ \Phi_{276}^{3}\ \Phi_{184}^{2}\ \Phi_{138}^{3}\ \Phi_{92}^{2}\ \Phi_{69}^{3}\ \Phi_{46}^{2}\ \Phi_{24}^{3}\ \Phi_{23}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
99937	1464	1095	$\frac{2}{365}$	$\frac{121}{365}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1095}\ \Phi_{365}^{2}\ \Phi_{219}\ \Phi_{73}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
99938	1464	492	$\frac{1}{123}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{492}^{4}\ \Phi_{246}^{4}\ \Phi_{164}^{4}\ \Phi_{82}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
99939	1464	555	$\frac{2}{185}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{555}^{2}\ \Phi_{185}^{4}\ \Phi_{111}^{2}\ \Phi_{37}^{4}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
99940	1464	219	$\frac{1}{73}$	$\frac{12}{73}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{219}^{5}\ \Phi_{73}^{10}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
99941	1464	1302	$\frac{1}{62}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}^{2}\ \Phi_{217}^{2}\ \Phi_{42}\ \Phi_{14}^{2}$
99942	1464	819	$\frac{2}{63}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{819}^{2}\ \Phi_{273}^{2}\ \Phi_{117}^{2}\ \Phi_{91}^{2}\ \Phi_{39}$
99943	1464	2916	$\frac{2}{243}$	$\frac{1}{4}$	$\frac{241}{729}$	$\frac{1}{3}$	$\Phi_{2916}\ \Phi_{1458}\ \Phi_{12}\ \Phi_{6}$
99944	1464	1365	$\frac{1}{91}$	$\frac{1}{5}$	$\frac{30}{91}$	$\frac{1}{3}$	$\Phi_{1365}^{2}\ \Phi_{195}^{2}\ \Phi_{105}^{2}\ \Phi_{15}^{3}$
99945	1464	2199	$\frac{10}{733}$	$\frac{123}{733}$	$\frac{241}{733}$	$\frac{1}{3}$	Φ_{2199}
99946	1464	1170	$\frac{1}{30}$	$\frac{1}{13}$	$\frac{29}{90}$	$\frac{1}{3}$	$\Phi_{1170}^{2}\ \Phi_{585}^{2}\ \Phi_{234}^{2}\ \Phi_{117}^{2}\ \Phi_{39}$
99947	1464	1449	$\frac{2}{63}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{161}\ \Phi_{63}^{2}\ \Phi_{23}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
99948	1464	2046	$\frac{1}{62}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{2046}\ \Phi_{1023}\ \Phi_{186}^{2}\ \Phi_{93}^{2}\ \Phi_{66}\ \Phi_{6}^{2}$
99949	1464	2199	$\frac{9}{733}$	$\frac{181}{733}$	$\frac{184}{733}$	$\frac{1}{3}$	Φ_{2199}
99950	1464	324	$\frac{1}{81}$	$\frac{20}{81}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{324}^{6}\ \Phi_{162}^{6}\ \Phi_{108}^{6}\ \Phi_{54}^{6}\ \Phi_{36}^{6}\ \Phi_{18}^{6}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
99951	1464	1980	$\frac{7}{495}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{132}\ \Phi_{110}\ \Phi_{90}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
99952	1464	1860	$\frac{1}{62}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1860}^{2}\ \Phi_{930}\ \Phi_{465}\ \Phi_{60}\ \Phi_{15}$
99953	1464	2268	$\frac{2}{81}$	$\frac{79}{567}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
99954	1464	252	$\frac{2}{63}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^{8}\ \Phi_{126}^{8}\ \Phi_{84}^{8}\ \Phi_{42}^{8}\ \Phi_{36}^{6}\ \Phi_{28}^{8}\ \Phi_{18}^{6}\ \Phi_{14}^{8}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
99955	1464	540	$\frac{1}{27}$	$\frac{13}{135}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^{4}\ \Phi_{270}^{4}\ \Phi_{180}^{4}\ \Phi_{108}^{2}\ \Phi_{90}^{4}\ \Phi_{60}^{4}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
99956	1464	2496	$\frac{3}{64}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{39}$
99957	1464	2052	$\frac{25}{513}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{38}\ \Phi_{12}\ \Phi_{6}$
99958	1464	3120	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{19}{80}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{624}\ \Phi_{312}\ \Phi_{39}$
99959	1464	1449	$\frac{2}{63}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{161}\ \Phi_{63}^{2}\ \Phi_{23}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
99960	1464	315	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{315}^{6}\ \Phi_{105}^{5}\ \Phi_{45}^{6}\ \Phi_{35}^{6}\ \Phi_{15}^{6}\ \Phi_{5}^{6}$
99961	1464	3120	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{15}$
99962	1464	195	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{195}^{11}\ \Phi_{39}^{12}\ \Phi_{15}^{12}\ \Phi_{3}^{12}$
99963	1464	2940	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{735}\ \Phi_{420}\ \Phi_{60}\ \Phi_{15}$
99964	1464	975	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{14}{75}$	$\frac{1}{3}$	$\Phi_{975}^{2}\ \Phi_{325}^{2}\ \Phi_{39}$
99965	1464	858	$\frac{5}{66}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{858}^{2}\ \Phi_{429}^{2}\ \Phi_{286}^{2}\ \Phi_{143}^{2}\ \Phi_{39}$
99966	1464	936	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{3}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{312}^{2}\ \Phi_{234}^{2}\ \Phi_{117}^{2}\ \Phi_{104}^{2}\ \Phi_{39}$
99967	1464	462	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{462}^{4}\ \Phi_{231}^{3}\ \Phi_{154}^{4}\ \Phi_{77}^{4}\ \Phi_{42}^{4}\ \Phi_{21}^{4}\ \Phi_{14}^{4}\ \Phi_{7}^{4}$
99968	1464	1755	$\frac{1}{13}$	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{117}\ \Phi_{39}$
99969	1464	2730	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{3}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{273}\ \Phi_{39}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
99970	1464	77	$\frac{2}{77}$	$\frac{13}{77}$	$\frac{16}{77}$	$\frac{25}{77}$	$\Phi_{77}^{19}\ \Phi_{11}^{19}\ \Phi_{7}^{19}\ \Phi_{1}^{20}$
99971	1464	315	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{71}{315}$	$\frac{34}{105}$	$\Phi_{315}^{6}\ \Phi_{63}^{6}\ \Phi_{45}^{6}\ \Phi_{35}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
99972	1464	2070	$\frac{1}{30}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{29}{90}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{414}\ \Phi_{207}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{23}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
99973	1464	180	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{29}{90}$	$\Phi_{180}^{10}\ \Phi_{90}^{5}\ \Phi_{60}^{12}\ \Phi_{45}^{5}\ \Phi_{36}^{11}\ \Phi_{30}^{6}\ \Phi_{20}^{12}\ \Phi_{18}^{6}\ \Phi_{15}^{6}\ \Phi_{12}^{13}\ \Phi_{10}^{6}\ \Phi_{9}^{5}\ \Phi_{6}^{7}\ \Phi_{5}^{6}\ \Phi_{4}^{12}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
99974	1464	2070	$\frac{1}{30}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{29}{90}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{414}\ \Phi_{207}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{23}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
99975	1464	630	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{29}{90}$	$\Phi_{630}^{4}\ \Phi_{315}^{4}\ \Phi_{126}^{4}\ \Phi_{63}^{4}\ \Phi_{35}$
99976	1464	147	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{25}{147}$	$\frac{47}{147}$	$\Phi_{147}^{9}\ \Phi_{49}^{12}\ \Phi_{21}^{9}\ \Phi_{7}^{11}\ \Phi_{3}^{9}\ \Phi_{1}^{12}$
99977	1464	357	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{113}{357}$	$\Phi_{357}^{6}\ \Phi_{51}^{6}\ \Phi_{21}^{6}\ \Phi_{7}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
99978	1464	285	$\frac{1}{19}$	$\frac{13}{95}$	$\frac{41}{285}$	$\frac{6}{19}$	$\Phi_{285}^{6}\ \Phi_{95}^{3}\ \Phi_{57}^{6}\ \Phi_{19}^{5}\ \Phi_{15}^{6}\ \Phi_{5}^{3}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
99979	1464	133	$\frac{10}{133}$	$\frac{11}{133}$	$\frac{23}{133}$	$\frac{41}{133}$	$\Phi_{133}^{11}\ \Phi_{19}^{11}\ \Phi_{7}^{11}\ \Phi_{1}^{12}$
99980	1464	792	$\frac{7}{88}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{27}{88}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{99}^{2}\ \Phi_{72}^{3}\ \Phi_{66}^{2}\ \Phi_{36}^{3}\ \Phi_{33}^{2}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
99981	1464	1472	$\frac{3}{64}$	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{368}\ \Phi_{184}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{23}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
99982	1464	1840	$\frac{1}{20}$	$\frac{2}{23}$	$\frac{19}{80}$	$\frac{7}{23}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{368}\ \Phi_{184}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{23}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
99983	1464	1495	$\frac{4}{65}$	$\frac{2}{23}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{1495}\ \Phi_{299}\ \Phi_{65}^{2}\ \Phi_{23}\ \Phi_{13}^{2}\ \Phi_{1}^{2}$
99984	1464	1725	$\frac{1}{15}$	$\frac{2}{23}$	$\frac{14}{75}$	$\frac{7}{23}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{75}^{2}\ \Phi_{25}^{2}\ \Phi_{23}\ \Phi_{1}^{2}$
99985	1464	1518	$\frac{5}{66}$	$\frac{2}{23}$	$\frac{1}{6}$	$\frac{7}{23}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{253}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{23}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
99986	1464	1656	$\frac{1}{12}$	$\frac{2}{23}$	$\frac{11}{72}$	$\frac{7}{23}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{207}\ \Phi_{184}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{23}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
99987	1464	1610	$\frac{2}{23}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{7}{23}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{322}\ \Phi_{161}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{23}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
99988	1464	175	$\frac{3}{35}$	$\frac{16}{175}$	$\frac{1}{7}$	$\frac{53}{175}$	$\Phi_{175}^{8}\ \Phi_{35}^{10}\ \Phi_{25}^{8}\ \Phi_{7}^{9}\ \Phi_{5}^{10}\ \Phi_{1}^{10}$
99989	1464	343	$\frac{3}{49}$	$\frac{46}{343}$	$\frac{1}{7}$	$\frac{99}{343}$	$\Phi_{343}^{4}\ \Phi_{49}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
99990	1464	171	$\frac{1}{19}$	$\frac{8}{57}$	$\frac{3}{19}$	$\frac{49}{171}$	$\Phi_{171}^{12}\ \Phi_{19}^{5}\ \Phi_{9}^{12}\ \Phi_{1}^{6}$
99991	1464	161	$\frac{5}{161}$	$\frac{1}{7}$	$\frac{39}{161}$	$\frac{2}{7}$	$\Phi_{161}^{9}\ \Phi_{23}^{9}\ \Phi_{7}^{11}\ \Phi_{1}^{12}$
99992	1464	63	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{63}^{24}\ \Phi_{21}^{21}\ \Phi_{9}^{24}\ \Phi_{7}^{23}\ \Phi_{3}^{21}\ \Phi_{1}^{24}$
99993	1464	285	$\frac{1}{19}$	$\frac{41}{285}$	$\frac{3}{19}$	$\frac{16}{57}$	$\Phi_{285}^{6}\ \Phi_{95}^{6}\ \Phi_{19}^{5}\ \Phi_{15}^{6}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
99994	1464	66	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{66}^{24}\ \Phi_{33}^{24}\ \Phi_{22}^{24}\ \Phi_{11}^{13}\ \Phi_{6}^{24}\ \Phi_{3}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{14}$
99995	1464	1785	$\frac{11}{255}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{119}\ \Phi_{35}$
99996	1464	190	$\frac{7}{190}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{190}^{8}\ \Phi_{95}^{8}\ \Phi_{38}^{8}\ \Phi_{19}^{5}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
99997	1464	133	$\frac{9}{133}$	$\frac{11}{133}$	$\frac{31}{133}$	$\frac{34}{133}$	$\Phi_{133}^{11}\ \Phi_{19}^{11}\ \Phi_{7}^{11}\ \Phi_{1}^{12}$
99998	1464	652	$\frac{3}{163}$	$\frac{40}{163}$	$\frac{1}{4}$	$\frac{41}{163}$	$\Phi_{652}^{3}\ \Phi_{326}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
99999	1464	576	$\frac{3}{64}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{576}^{3}\ \Phi_{288}^{3}\ \Phi_{192}^{3}\ \Phi_{144}^{3}\ \Phi_{96}^{3}\ \Phi_{72}^{3}\ \Phi_{48}^{3}\ \Phi_{36}\ \Phi_{24}^{3}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
100000	1464	720	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{19}{80}$	$\frac{1}{4}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{3}\ \Phi_{144}^{3}\ \Phi_{120}^{3}\ \Phi_{72}^{3}\ \Phi_{48}^{3}\ \Phi_{36}\ \Phi_{24}^{3}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
100001	1464	1472	$\frac{3}{64}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{1472}\ \Phi_{736}\ \Phi_{368}\ \Phi_{184}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{23}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
100002	1464	2240	$\frac{3}{64}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{35}$
100003	1464	2340	$\frac{4}{65}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{468}\ \Phi_{390}\ \Phi_{234}\ \Phi_{156}\ \Phi_{78}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
100004	1464	660	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{660}^{4}\ \Phi_{330}^{2}\ \Phi_{220}^{3}\ \Phi_{165}^{2}\ \Phi_{110}\ \Phi_{60}^{4}\ \Phi_{55}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{4}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$
100005	1464	900	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{14}{75}$	$\frac{1}{4}$	$\Phi_{900}^{3}\ \Phi_{450}^{3}\ \Phi_{300}^{2}\ \Phi_{150}^{2}\ \Phi_{100}^{2}\ \Phi_{50}^{2}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
100006	1464	396	$\frac{5}{66}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{396}^{6}\ \Phi_{198}^{3}\ \Phi_{132}^{4}\ \Phi_{99}^{3}\ \Phi_{66}^{2}\ \Phi_{44}^{4}\ \Phi_{36}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}^{2}\ \Phi_{6}$
100007	1464	72	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{72}$	$\frac{1}{4}$	$\Phi_{72}^{24}\ \Phi_{36}^{16}\ \Phi_{24}^{24}\ \Phi_{18}^{16}\ \Phi_{12}^{19}\ \Phi_{9}^{15}\ \Phi_{8}^{24}\ \Phi_{6}^{19}\ \Phi_{4}^{18}\ \Phi_{3}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
100008	1464	1800	$\frac{17}{200}$	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
100009	1464	1260	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{70}$	$\frac{1}{4}$	$\Phi_{1260}^{2}\ \Phi_{630}\ \Phi_{420}^{2}\ \Phi_{315}\ \Phi_{252}^{2}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
100010	1464	1840	$\frac{1}{20}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{19}{80}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{368}\ \Phi_{184}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{23}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
100011	1464	560	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{19}{80}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{112}^{4}\ \Phi_{56}^{4}\ \Phi_{35}$
100012	1464	70	$\frac{3}{35}$	$\frac{9}{70}$	$\frac{1}{7}$	$\frac{8}{35}$	$\Phi_{70}^{24}\ \Phi_{35}^{18}\ \Phi_{14}^{24}\ \Phi_{10}^{24}\ \Phi_{7}^{17}\ \Phi_{5}^{18}\ \Phi_{2}^{24}\ \Phi_{1}^{18}$
100013	1464	1495	$\frac{4}{65}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{5}{23}$	$\Phi_{1495}\ \Phi_{299}\ \Phi_{65}^{2}\ \Phi_{23}\ \Phi_{13}^{2}\ \Phi_{1}^{2}$
100014	1464	1725	$\frac{1}{15}$	$\frac{3}{23}$	$\frac{14}{75}$	$\frac{5}{23}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{75}^{2}\ \Phi_{25}^{2}\ \Phi_{23}\ \Phi_{1}^{2}$
100015	1464	1518	$\frac{5}{66}$	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{5}{23}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{253}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{23}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
100016	1464	1656	$\frac{1}{12}$	$\frac{3}{23}$	$\frac{11}{72}$	$\frac{5}{23}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{207}\ \Phi_{184}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{23}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
100017	1464	1610	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{3}{23}$	$\frac{5}{23}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{322}\ \Phi_{161}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{23}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
100018	1464	76	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{15}{76}$	$\frac{4}{19}$	$\Phi_{76}^{24}\ \Phi_{38}^{24}\ \Phi_{19}^{5}\ \Phi_{4}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{6}$
100019	1464	77	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{13}{77}$	$\frac{16}{77}$	$\Phi_{77}^{19}\ \Phi_{11}^{19}\ \Phi_{7}^{19}\ \Phi_{1}^{20}$
100020	1464	455	$\frac{4}{65}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{455}^{4}\ \Phi_{91}^{4}\ \Phi_{35}$
100021	1464	525	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{14}{75}$	$\frac{1}{5}$	$\Phi_{525}^{4}\ \Phi_{175}^{4}\ \Phi_{35}$
100022	1464	2310	$\frac{5}{66}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{35}$
100023	1464	2520	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{72}$	$\frac{1}{5}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{315}\ \Phi_{280}\ \Phi_{35}$
100024	1464	945	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{63}^{2}\ \Phi_{35}$
100025	1464	70	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{70}^{20}\ \Phi_{35}^{21}\ \Phi_{14}^{20}\ \Phi_{10}^{24}\ \Phi_{7}^{20}\ \Phi_{5}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{24}$
100026	1464	875	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{143}{875}$	$\frac{32}{175}$	$\Phi_{875}^{2}\ \Phi_{125}^{2}\ \Phi_{35}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
100027	1465	584	$\frac{1}{292}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{291}{584}$	$\Phi_{584}\ \Phi_{292}^{4}\ \Phi_{146}^{4}\ \Phi_{73}^{4}\ \Phi_{8}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
100028	1465	1956	$\frac{2}{489}$	$\frac{491}{1956}$	$\frac{1}{3}$	$\frac{487}{978}$	$\Phi_{1956}\ \Phi_{652}\ \Phi_{489}\ \Phi_{163}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
100029	1465	2916	$\frac{7}{1458}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1451}{2916}$	$\Phi_{2916}\ \Phi_{972}\ \Phi_{324}\ \Phi_{108}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
100030	1465	2912	$\frac{9}{1456}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1447}{2912}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{224}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
100031	1465	582	$\frac{2}{291}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{289}{582}$	$\Phi_{582}^{2}\ \Phi_{291}^{3}\ \Phi_{194}^{2}\ \Phi_{97}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
100032	1465	1176	$\frac{1}{98}$	$\frac{1}{6}$	$\frac{99}{392}$	$\frac{97}{196}$	$\Phi_{1176}^{2}\ \Phi_{392}\ \Phi_{294}^{2}\ \Phi_{168}^{2}\ \Phi_{147}^{2}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{42}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
100033	1465	1764	$\frac{5}{294}$	$\frac{1}{6}$	$\frac{299}{1764}$	$\frac{289}{588}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{441}\ \Phi_{294}\ \Phi_{252}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{63}\ \Phi_{49}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
100034	1465	576	$\frac{5}{288}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{283}{576}$	$\Phi_{576}^{5}\ \Phi_{192}^{5}\ \Phi_{64}^{5}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
100035	1465	576	$\frac{5}{288}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{283}{576}$	$\Phi_{576}^{5}\ \Phi_{192}^{5}\ \Phi_{64}^{5}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
100036	1465	576	$\frac{5}{288}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{283}{576}$	$\Phi_{576}^{5}\ \Phi_{192}^{5}\ \Phi_{64}^{5}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
100037	1465	576	$\frac{5}{288}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{283}{576}$	$\Phi_{576}^{5}\ \Phi_{192}^{5}\ \Phi_{64}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
100038	1465	1722	$\frac{6}{287}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{281}{574}$	$\Phi_{1722}\ \Phi_{861}\ \Phi_{287}\ \Phi_{246}\ \Phi_{123}\ \Phi_{42}^{2}\ \Phi_{41}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
100039	1465	1968	$\frac{11}{492}$	$\frac{1}{12}$	$\frac{503}{1968}$	$\frac{481}{984}$	$\Phi_{1968}\ \Phi_{656}\ \Phi_{492}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}\ \Phi_{48}\ \Phi_{41}\ \Phi_{16}\ \Phi_{1}$
100040	1465	336	$\frac{1}{42}$	$\frac{43}{336}$	$\frac{1}{6}$	$\frac{41}{84}$	$\Phi_{336}^{5}\ \Phi_{168}^{5}\ \Phi_{112}^{5}\ \Phi_{56}^{5}\ \Phi_{48}^{5}\ \Phi_{42}^{5}\ \Phi_{24}^{5}\ \Phi_{21}^{5}\ \Phi_{16}^{5}\ \Phi_{14}^{5}\ \Phi_{8}^{5}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
100041	1465	2856	$\frac{37}{1428}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1391}{2856}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{168}\ \Phi_{136}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
100042	1465	2816	$\frac{57}{1408}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1351}{2816}$	$\Phi_{2816}\ \Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
100043	1465	432	$\frac{5}{144}$	$\frac{1}{24}$	$\frac{139}{432}$	$\frac{23}{48}$	$\Phi_{432}^5\ \Phi_{216}^5\ \Phi_{108}^5\ \Phi_{54}^5\ \Phi_{48}\ \Phi_{27}^5\ \Phi_{16}\ \Phi_1$
100044	1465	1536	$\frac{1}{24}$	$\frac{71}{1536}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
100045	1465	384	$\frac{1}{24}$	$\frac{5}{96}$	$\frac{91}{384}$	$\frac{23}{48}$	$\Phi_{384}^5\ \Phi_{192}^5\ \Phi_{128}^5\ \Phi_{64}^5\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
100046	1465	1584	$\frac{1}{24}$	$\frac{119}{1584}$	$\frac{25}{144}$	$\frac{23}{48}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
100047	1465	1728	$\frac{1}{24}$	$\frac{25}{288}$	$\frac{263}{1728}$	$\frac{23}{48}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
100048	1465	336	$\frac{1}{24}$	$\frac{5}{48}$	$\frac{43}{336}$	$\frac{23}{48}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{48}\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{21}^5\ \Phi_{16}\ \Phi_{14}^5\ \Phi_7^5\ \Phi_1$
100049	1465	1680	$\frac{13}{280}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{267}{560}$	$\Phi_{1680}^2\ \Phi_{560}\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{112}\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
100050	1465	924	$\frac{15}{308}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}\ \Phi_{231}^2\ \Phi_{154}\ \Phi_{132}^2\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
100051	1465	546	$\frac{1}{21}$	$\frac{20}{273}$	$\frac{1}{6}$	$\frac{253}{546}$	$\Phi_{546}^2\ \Phi_{273}^3\ \Phi_{182}^2\ \Phi_{91}^3\ \Phi_{78}^2\ \Phi_{42}^5\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{13}^3\ \Phi_7^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
100052	1465	1536	$\frac{71}{1536}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
100053	1465	1512	$\frac{47}{1512}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
100054	1465	1664	$\frac{9}{208}$	$\frac{199}{1664}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
100055	1465	1568	$\frac{103}{1568}$	$\frac{9}{112}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{224}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
100056	1465	2576	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{177}{1288}$	$\frac{1111}{2576}$	$\Phi_{2576}\ \Phi_{368}\ \Phi_{184}\ \Phi_{112}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_1$
100057	1465	504	$\frac{1}{42}$	$\frac{41}{252}$	$\frac{1}{6}$	$\frac{211}{504}$	$\Phi_{504}^5\ \Phi_{168}^5\ \Phi_{72}^5\ \Phi_{56}^5\ \Phi_{42}^5\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_8^5\ \Phi_7^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
100058	1465	300	$\frac{7}{300}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{300}^5\ \Phi_{150}^5\ \Phi_{100}^5\ \Phi_{75}^5\ \Phi_{60}^5\ \Phi_{50}^5\ \Phi_{30}^5\ \Phi_{25}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
100059	1465	1470	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{48}{245}$	$\frac{197}{490}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{294}^2\ \Phi_{245}\ \Phi_{210}\ \Phi_{147}^2\ \Phi_{105}\ \Phi_{98}\ \Phi_{49}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
100060	1465	366	$\frac{1}{61}$	$\frac{12}{61}$	$\frac{73}{366}$	$\frac{49}{122}$	$\Phi_{366}^5\ \Phi_{183}^5\ \Phi_{61}^4\ \Phi_6^5\ \Phi_3^5\ \Phi_1^5$
100061	1465	488	$\frac{1}{61}$	$\frac{12}{61}$	$\frac{49}{244}$	$\frac{195}{488}$	$\Phi_{488}^5\ \Phi_{61}^4\ \Phi_8^5\ \Phi_1^5$
100062	1465	1476	$\frac{11}{1476}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{492}\ \Phi_{369}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
100063	1465	2352	$\frac{5}{294}$	$\frac{1}{6}$	$\frac{289}{1176}$	$\frac{887}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{336}\ \Phi_{294}\ \Phi_{147}\ \Phi_{112}\ \Phi_{98}\ \Phi_{49}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
100064	1465	1752	$\frac{1}{146}$	$\frac{1}{4}$	$\frac{145}{438}$	$\frac{3}{8}$	$\Phi_{1752}^2\ \Phi_{438}\ \Phi_{219}\ \Phi_{24}^2\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
100065	1465	296	$\frac{3}{296}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{296}^5\ \Phi_{148}^5\ \Phi_{74}^5\ \Phi_{37}^5\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
100066	1465	2920	$\frac{1}{73}$	$\frac{72}{365}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2920}\ \Phi_{365}\ \Phi_{40}\ \Phi_8\ \Phi_5\ \Phi_1$
100067	1465	1512	$\frac{47}{1512}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
100068	1465	2208	$\frac{7}{368}$	$\frac{1}{8}$	$\frac{361}{1104}$	$\frac{743}{2208}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{368}\ \Phi_{184}\ \Phi_{96}\ \Phi_{92}\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_{16}\ \Phi_1$
100069	1465	2196	$\frac{1}{183}$	$\frac{182}{549}$	$\frac{731}{2196}$	$\frac{367}{1098}$	$\Phi_{2196}\ \Phi_{732}\ \Phi_{549}\ \Phi_{244}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
100070	1465	2187	$\frac{7}{729}$	$\frac{2}{9}$	$\frac{722}{2187}$	$\frac{1}{3}$	$\Phi_{2187}\ \Phi_9\ \Phi_1$
100071	1465	297	$\frac{4}{297}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{297}^5\ \Phi_{99}^5\ \Phi_{33}^5\ \Phi_{27}^4\ \Phi_{11}^5\ \Phi_9^5\ \Phi_3^4\ \Phi_1^5$
100072	1465	1944	$\frac{7}{486}$	$\frac{2}{9}$	$\frac{479}{1944}$	$\frac{1}{3}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
100073	1465	1701	$\frac{7}{243}$	$\frac{236}{1701}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{189}\ \Phi_{63}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
100074	1465	1512	$\frac{47}{1512}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
100075	1465	324	$\frac{7}{162}$	$\frac{31}{324}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{324}^5\ \Phi_{162}^4\ \Phi_{108}^5\ \Phi_{81}^4\ \Phi_{54}^4\ \Phi_{36}^5\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{12}^5\ \Phi_{9}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
100076	1465	1539	$\frac{74}{1539}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{57}\ \Phi_{19}\ \Phi_{9}\ \Phi_{1}$
100077	1465	378	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{85}{378}$	$\frac{41}{126}$	$\Phi_{378}^5\ \Phi_{189}^5\ \Phi_{54}^5\ \Phi_{42}^5\ \Phi_{27}^5\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{7}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
100078	1465	432	$\frac{5}{144}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{139}{432}$	$\Phi_{432}^5\ \Phi_{216}^5\ \Phi_{108}^5\ \Phi_{54}^5\ \Phi_{36}\ \Phi_{27}^5\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
100079	1465	432	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{139}{432}$	$\Phi_{432}^5\ \Phi_{216}^5\ \Phi_{108}^5\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
100080	1465	2142	$\frac{37}{714}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{677}{2142}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{306}\ \Phi_{153}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
100081	1465	2112	$\frac{57}{704}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{647}{2112}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{64}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
100082	1465	360	$\frac{5}{72}$	$\frac{1}{12}$	$\frac{67}{360}$	$\frac{11}{36}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{40}^5\ \Phi_{36}\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{18}\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_{9}\ \Phi_{5}^5\ \Phi_{1}$
100083	1465	1584	$\frac{119}{1584}$	$\frac{1}{12}$	$\frac{25}{144}$	$\frac{11}{36}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
100084	1465	1728	$\frac{1}{12}$	$\frac{25}{288}$	$\frac{263}{1728}$	$\frac{11}{36}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
100085	1465	324	$\frac{1}{12}$	$\frac{31}{324}$	$\frac{5}{36}$	$\frac{11}{36}$	$\Phi_{324}^5\ \Phi_{162}^5\ \Phi_{108}^5\ \Phi_{81}^5\ \Phi_{54}^5\ \Phi_{36}\ \Phi_{27}^5\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
100086	1465	420	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{6}$	$\frac{127}{420}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^4\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^4\ \Phi_{60}^3\ \Phi_{42}^5\ \Phi_{35}^4\ \Phi_{30}^3\ \Phi_{28}^4\ \Phi_{21}^5\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{14}^5\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_{7}^5\ \Phi_{6}^4\ \Phi_{5}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
100087	1465	306	$\frac{13}{306}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{306}^5\ \Phi_{153}^5\ \Phi_{102}^5\ \Phi_{51}^5\ \Phi_{34}^5\ \Phi_{17}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
100088	1465	305	$\frac{12}{305}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{305}^5\ \Phi_{61}^4\ \Phi_{5}^5\ \Phi_{1}^5$
100089	1465	1536	$\frac{71}{1536}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
100090	1465	384	$\frac{5}{96}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{91}{384}$	$\Phi_{384}^5\ \Phi_{192}^5\ \Phi_{128}^5\ \Phi_{64}^5\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
100091	1465	384	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{91}{384}$	$\Phi_{384}^5\ \Phi_{192}^5\ \Phi_{128}^5\ \Phi_{64}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
100092	1465	336	$\frac{1}{14}$	$\frac{43}{336}$	$\frac{1}{6}$	$\frac{13}{56}$	$\Phi_{336}^5\ \Phi_{168}^3\ \Phi_{112}^5\ \Phi_{84}^3\ \Phi_{56}^4\ \Phi_{48}^5\ \Phi_{42}^5\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{21}^5\ \Phi_{16}^5\ \Phi_{14}^5\ \Phi_{12}^3\ \Phi_{8}^4\ \Phi_{7}^5\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
100093	1465	320	$\frac{27}{320}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{7}{32}$	$\Phi_{320}^5\ \Phi_{160}^5\ \Phi_{80}^5\ \Phi_{64}^5\ \Phi_{40}^5\ \Phi_{32}\ \Phi_{20}^5\ \Phi_{16}\ \Phi_{10}^5\ \Phi_{5}^5\ \Phi_{1}$
100094	1465	1728	$\frac{25}{288}$	$\frac{1}{8}$	$\frac{263}{1728}$	$\frac{7}{32}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{64}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
100095	1465	312	$\frac{19}{312}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{312}^5\ \Phi_{156}^5\ \Phi_{104}^5\ \Phi_{78}^5\ \Phi_{52}^5\ \Phi_{39}^5\ \Phi_{26}^5\ \Phi_{13}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
100096	1465	360	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{67}{360}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
100097	1465	1050	$\frac{1}{14}$	$\frac{57}{350}$	$\frac{1}{6}$	$\frac{13}{70}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}\ \Phi_{175}\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{50}\ \Phi_{42}^2\ \Phi_{25}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
100098	1465	324	$\frac{31}{324}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{324}^5\ \Phi_{162}^5\ \Phi_{108}^5\ \Phi_{81}^5\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
100099	1465	336	$\frac{5}{48}$	$\frac{43}{336}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{7}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
100100	1466	1172	$\frac{1}{293}$	$\frac{147}{586}$	$\frac{439}{1172}$	$\frac{146}{293}$	$\Phi_{1172}^2\ \Phi_{293}\ \Phi_{4}^2\ \Phi_{1}^2$
100101	1466	1460	$\frac{3}{730}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{727}{1460}$	$\Phi_{1460}^2\ \Phi_{292}^2\ \Phi_{20}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
100102	1466	1455	$\frac{11}{1455}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{722}{1455}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}\ \Phi_{97}\ \Phi_{15}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
100103	1466	980	$\frac{2}{245}$	$\frac{1}{5}$	$\frac{247}{980}$	$\frac{243}{490}$	$\Phi_{980}^2\ \Phi_{245}^2\ \Phi_{196}^2\ \Phi_{140}^2\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{7}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
100104	1466	1440	$\frac{13}{720}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{707}{1440}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{15}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
100105	1466	840	$\frac{2}{105}$	$\frac{107}{840}$	$\frac{1}{5}$	$\frac{103}{210}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
100106	1466	1435	$\frac{31}{1435}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{702}{1435}$	$\Phi_{1435}\ \Phi_{287}\ \Phi_{205}\ \Phi_{41}\ \Phi_{35}^2\ \Phi_{7}^2\ \Phi_{5}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
100107	1466	1400	$\frac{33}{700}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{667}{1400}$	$\Phi_{1400}^2\ \Phi_{280}^2\ \Phi_{200}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
100108	1466	770	$\frac{37}{770}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}^2\ \Phi_{55}^2\ \Phi_{35}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
100109	1466	1365	$\frac{4}{105}$	$\frac{101}{1365}$	$\frac{1}{5}$	$\frac{632}{1365}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}^2\ \Phi_{91}\ \Phi_{65}\ \Phi_{39}\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
100110	1466	750	$\frac{17}{750}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{750}^2\ \Phi_{375}^2\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{125}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
100111	1466	1260	$\frac{2}{105}$	$\frac{103}{630}$	$\frac{1}{5}$	$\frac{527}{1260}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
100112	1466	1225	$\frac{4}{245}$	$\frac{241}{1225}$	$\frac{1}{5}$	$\frac{492}{1225}$	$\Phi_{1225}\ \Phi_{245}^2\ \Phi_{175}\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{25}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
100113	1466	1095	$\frac{3}{365}$	$\frac{1}{5}$	$\frac{362}{1095}$	$\frac{2}{5}$	$\Phi_{1095}^2\ \Phi_{219}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
100114	1466	740	$\frac{7}{740}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{740}^2\ \Phi_{370}^2\ \Phi_{185}^2\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
100115	1466	945	$\frac{2}{105}$	$\frac{1}{5}$	$\frac{212}{945}$	$\frac{103}{315}$	$\Phi_{945}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
100116	1466	1080	$\frac{13}{360}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{347}{1080}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
100117	1466	1050	$\frac{2}{35}$	$\frac{33}{350}$	$\frac{1}{5}$	$\frac{317}{1050}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{210}^2\ \Phi_{150}^2\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
100118	1466	765	$\frac{32}{765}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^2\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
100119	1466	960	$\frac{13}{240}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{227}{960}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
100120	1466	840	$\frac{2}{35}$	$\frac{107}{840}$	$\frac{1}{5}$	$\frac{33}{140}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
100121	1466	780	$\frac{47}{780}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
100122	1466	875	$\frac{2}{35}$	$\frac{142}{875}$	$\frac{33}{175}$	$\frac{1}{5}$	$\Phi_{875}^2\ \Phi_{125}^2\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
100123	1466	900	$\frac{13}{180}$	$\frac{2}{15}$	$\frac{167}{900}$	$\frac{1}{5}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
100124	1466	810	$\frac{77}{810}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{5}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
100125	1466	840	$\frac{13}{120}$	$\frac{107}{840}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
100126	1467	1296	$\frac{1}{162}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{161}{324}$	$\Phi_{1296}^2\ \Phi_{432}^2\ \Phi_{324}\ \Phi_{144}^2\ \Phi_{108}\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
100127	1467	324	$\frac{1}{162}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{161}{324}$	$\Phi_{324}^5\ \Phi_{162}^4\ \Phi_{108}^5\ \Phi_{81}^4\ \Phi_{54}^4\ \Phi_{36}^5\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{12}^5\ \Phi_9^4\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
100128	1467	1940	$\frac{4}{485}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{481}{970}$	$\Phi_{1940}\ \Phi_{485}\ \Phi_{388}\ \Phi_{97}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
100129	1467	196	$\frac{1}{98}$	$\frac{33}{196}$	$\frac{1}{4}$	$\frac{97}{196}$	$\Phi_{196}^8\ \Phi_{98}^7\ \Phi_{49}^7\ \Phi_{28}^8\ \Phi_{14}^7\ \Phi_7^7\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
100130	1467	644	$\frac{2}{161}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{159}{322}$	$\Phi_{644}^3\ \Phi_{161}^3\ \Phi_{92}^3\ \Phi_{28}^4\ \Phi_{23}^3\ \Phi_{14}\ \Phi_7^3\ \Phi_4^3\ \Phi_1^3$
100131	1467	560	$\frac{1}{70}$	$\frac{71}{560}$	$\frac{1}{4}$	$\frac{69}{140}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^2\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{14}\ \Phi_{10}\ \Phi_8^3\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
100132	1467	320	$\frac{3}{160}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{157}{320}$	$\Phi_{320}^9\ \Phi_{64}^9\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
100133	1467	952	$\frac{13}{476}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{463}{952}$	$\Phi_{952}^3\ \Phi_{136}^3\ \Phi_{56}^3\ \Phi_{28}^2\ \Phi_{14}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
100134	1467	168	$\frac{5}{168}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{168}^9\ \Phi_{84}^9\ \Phi_{56}^9\ \Phi_{42}^9\ \Phi_{28}^8\ \Phi_{24}^9\ \Phi_{21}^9\ \Phi_{14}^7\ \Phi_{12}^9\ \Phi_8^9\ \Phi_7^7\ \Phi_6^9\ \Phi_4^7\ \Phi_3^9\ \Phi_2^6\ \Phi_1^7$
100135	1467	1820	$\frac{1}{35}$	$\frac{34}{455}$	$\frac{1}{4}$	$\frac{421}{910}$	$\Phi_{1820}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{140}^2\ \Phi_{91}\ \Phi_{70}\ \Phi_{65}\ \Phi_{52}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{13}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
100136	1467	500	$\frac{11}{500}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{500}^3\ \Phi_{250}^3\ \Phi_{125}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
100137	1467	588	$\frac{1}{49}$	$\frac{16}{147}$	$\frac{1}{4}$	$\frac{131}{294}$	$\Phi_{588}^3\ \Phi_{196}^4\ \Phi_{147}^3\ \Phi_{98}\ \Phi_{84}^3\ \Phi_{49}^3\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{14}\ \Phi_{12}^3\ \Phi_7^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
100138	1467	2640	$\frac{2}{165}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{165}\ \Phi_{80}\ \Phi_{55}\ \Phi_{33}\ \Phi_{16}\ \Phi_{15}\ \Phi_{11}\ \Phi_5\ \Phi_1$
100139	1467	3888	$\frac{1}{81}$	$\frac{1}{8}$	$\frac{80}{243}$	$\frac{7}{16}$	$\Phi_{3888}\ \Phi_{243}\ \Phi_{16}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
100140	1467	432	$\frac{1}{54}$	$\frac{1}{8}$	$\frac{53}{216}$	$\frac{7}{16}$	$\Phi_{432}^6\ \Phi_{216}\ \Phi_{144}^6\ \Phi_{108}\ \Phi_{72}\ \Phi_{48}^6\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}^7\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
100141	1467	336	$\frac{5}{168}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{336}^8\ \Phi_{168}\ \Phi_{112}^8\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}^6\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}^7\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
100142	1467	3024	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{26}{189}$	$\frac{7}{16}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{336}\ \Phi_{189}\ \Phi_{112}\ \Phi_{63}\ \Phi_{21}\ \Phi_{16}\ \Phi_7\ \Phi_1$
100143	1467	2736	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{171}\ \Phi_{57}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
100144	1467	720	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{720}^4\ \Phi_{240}^4\ \Phi_{180}\ \Phi_{144}^2\ \Phi_{90}\ \Phi_{80}^4\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
100145	1467	280	$\frac{1}{70}$	$\frac{23}{140}$	$\frac{1}{4}$	$\frac{117}{280}$	$\Phi_{280}^9\ \Phi_{140}^2\ \Phi_{70}\ \Phi_{56}^9\ \Phi_{40}^9\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_8^9\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
100146	1467	784	$\frac{1}{98}$	$\frac{97}{392}$	$\frac{1}{4}$	$\frac{295}{784}$	$\Phi_{784}^3\ \Phi_{196}^2\ \Phi_{112}^3\ \Phi_{98}\ \Phi_{49}\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
100147	1467	840	$\frac{5}{168}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
100148	1467	1230	$\frac{1}{41}$	$\frac{1}{10}$	$\frac{40}{123}$	$\frac{83}{246}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{410}^2\ \Phi_{205}^2\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$
100149	1467	660	$\frac{2}{165}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^3\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
100150	1467	972	$\frac{1}{81}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{80}{243}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{243}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
100151	1467	420	$\frac{1}{70}$	$\frac{47}{210}$	$\frac{1}{4}$	$\frac{23}{70}$	$\Phi_{420}^6\ \Phi_{210}^3\ \Phi_{140}^2\ \Phi_{105}^3\ \Phi_{84}^6\ \Phi_{70}\ \Phi_{60}^6\ \Phi_{42}^3\ \Phi_{35}\ \Phi_{30}^3\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{14}\ \Phi_{12}^6\ \Phi_{10}\ \Phi_7\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
100152	1467	196	$\frac{1}{49}$	$\frac{33}{196}$	$\frac{1}{4}$	$\frac{16}{49}$	$\Phi_{196}^7\ \Phi_{98}^7\ \Phi_{49}^9\ \Phi_{28}^7\ \Phi_{14}^7\ \Phi_7^9\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
100153	1467	240	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{77}{240}$	$\Phi_{240}^9\ \Phi_{120}^9\ \Phi_{60}^9\ \Phi_{48}^9\ \Phi_{30}^9\ \Phi_{24}^9\ \Phi_{20}^2\ \Phi_{15}^9\ \Phi_{12}^9\ \Phi_{10}\ \Phi_6^9\ \Phi_5\ \Phi_4\ \Phi_3^9\ \Phi_1$
100154	1467	476	$\frac{13}{238}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{75}{238}$	$\Phi_{476}^4\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{68}^4\ \Phi_{34}^2\ \Phi_{28}^6\ \Phi_{17}^2\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
100155	1467	340	$\frac{7}{170}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{340}^6\ \Phi_{170}^3\ \Phi_{85}^3\ \Phi_{68}^6\ \Phi_{34}^3\ \Phi_{20}^2\ \Phi_{17}^3\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
100156	1467	168	$\frac{5}{168}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{168}^9\ \Phi_{84}^9\ \Phi_{56}^9\ \Phi_{42}^9\ \Phi_{28}^7\ \Phi_{24}^9\ \Phi_{21}^9\ \Phi_{14}^7\ \Phi_{12}^9\ \Phi_8^9\ \Phi_7^9\ \Phi_6^9\ \Phi_4^6\ \Phi_3^9\ \Phi_2^6\ \Phi_1^9$
100157	1467	216	$\frac{1}{54}$	$\frac{53}{216}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{216}^9\ \Phi_{108}^5\ \Phi_{72}^9\ \Phi_{54}^4\ \Phi_{36}^5\ \Phi_{27}^4\ \Phi_{24}^9\ \Phi_{18}^4\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^9\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
100158	1467	168	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{168}^9\ \Phi_{84}^9\ \Phi_{56}^9\ \Phi_{42}^9\ \Phi_{28}^9\ \Phi_{24}^9\ \Phi_{21}^9\ \Phi_{14}^9\ \Phi_{12}^5\ \Phi_8^9\ \Phi_7^9\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
100159	1467	756	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^3\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{84}^3\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
100160	1467	684	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}^2\ \Phi_{171}^3\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{19}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
100161	1467	180	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{180}^9\ \Phi_{90}^9\ \Phi_{60}^9\ \Phi_{45}^9\ \Phi_{36}^5\ \Phi_{30}^9\ \Phi_{20}^9\ \Phi_{18}^4\ \Phi_{15}^9\ \Phi_{12}^5\ \Phi_{10}^9\ \Phi_9^4\ \Phi_6^4\ \Phi_5^9\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
100162	1467	644	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{155}{644}$	$\frac{1}{4}$	$\Phi_{644}^2\ \Phi_{322}^2\ \Phi_{161}^3\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{28}^3\ \Phi_{23}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
100163	1467	640	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{151}{640}$	$\frac{1}{4}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
100164	1467	520	$\frac{31}{520}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{520}^3\ \Phi_{260}^3\ \Phi_{130}^3\ \Phi_{104}^3\ \Phi_{65}^3\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{20}^2\ \Phi_{13}^3\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
100165	1467	880	$\frac{13}{176}$	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{176}\ \Phi_{110}^2\ \Phi_{88}\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
100166	1467	200	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{37}{200}$	$\frac{1}{4}$	$\Phi_{200}^9\ \Phi_{100}^9\ \Phi_{50}^9\ \Phi_{25}^9\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
100167	1467	960	$\frac{3}{32}$	$\frac{1}{10}$	$\frac{29}{192}$	$\frac{1}{4}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
100168	1467	180	$\frac{17}{180}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{180}^9\ \Phi_{90}^9\ \Phi_{60}^9\ \Phi_{45}^9\ \Phi_{36}^9\ \Phi_{30}^9\ \Phi_{20}^2\ \Phi_{18}^9\ \Phi_{15}^9\ \Phi_{12}^9\ \Phi_{10}\ \Phi_9^9\ \Phi_6^9\ \Phi_5\ \Phi_4\ \Phi_3^9\ \Phi_1$
100169	1467	560	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{560}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{14}^3\ \Phi_{10}\ \Phi_7^3\ \Phi_5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
100170	1468	732	$\frac{1}{366}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{365}{732}$	$\Phi_{732}^4\ \Phi_{244}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
100171	1468	1470	$\frac{1}{245}$	$\frac{123}{490}$	$\frac{1}{3}$	$\frac{122}{245}$	$\Phi_{1470}^2\ \Phi_{735}\ \Phi_{294}^2\ \Phi_{210}^2\ \Phi_{147}\ \Phi_{105}\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_6^2$
100172	1468	2190	$\frac{2}{365}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{363}{730}$	$\Phi_{2190}^2\ \Phi_{438}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
100173	1468	652	$\frac{1}{163}$	$\frac{41}{326}$	$\frac{285}{652}$	$\frac{81}{163}$	$\Phi_{652}^4\ \Phi_{163}\ \Phi_4^4\ \Phi_1^2$
100174	1468	489	$\frac{1}{163}$	$\frac{122}{489}$	$\frac{41}{163}$	$\frac{81}{163}$	$\Phi_{489}^4\ \Phi_{163}\ \Phi_3^4\ \Phi_1^2$
100175	1468	441	$\frac{1}{147}$	$\frac{74}{441}$	$\frac{1}{3}$	$\frac{73}{147}$	$\Phi_{441}^4\ \Phi_{147}^2\ \Phi_{63}^4\ \Phi_{49}^2\ \Phi_{21}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
100176	1468	729	$\frac{5}{729}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{362}{729}$	$\Phi_{729}^2\ \Phi_{243}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
100177	1468	2184	$\frac{3}{364}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{361}{728}$	$\Phi_{2184}^2\ \Phi_{312}^2\ \Phi_{168}^2\ \Phi_{24}^2\ \Phi_{21}$
100178	1468	3640	$\frac{3}{364}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{361}{728}$	$\Phi_{3640}\ \Phi_{520}\ \Phi_{280}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
100179	1468	1455	$\frac{13}{1455}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{721}{1455}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}\ \Phi_{97}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
100180	1468	420	$\frac{1}{105}$	$\frac{53}{420}$	$\frac{1}{3}$	$\frac{52}{105}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^2\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^2$ $\Phi_{20}^4\ \Phi_{15}^2\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_7^2\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
100181	1468	1449	$\frac{19}{1449}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{715}{1449}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{161}\ \Phi_{69}\ \Phi_{63}\ \Phi_{23}\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
100182	1468	720	$\frac{7}{360}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{353}{720}$	$\Phi_{720}^4\ \Phi_{240}^4\ \Phi_{144}^4\ \Phi_{80}^4\ \Phi_{48}^4\ \Phi_{16}^4\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
100183	1468	720	$\frac{7}{360}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{353}{720}$	$\Phi_{720}^4\ \Phi_{240}^4\ \Phi_{144}^4\ \Phi_{80}^4\ \Phi_{48}^4\ \Phi_{16}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
100184	1468	720	$\frac{7}{360}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{353}{720}$	$\Phi_{720}^4\ \Phi_{240}^4\ \Phi_{144}^4\ \Phi_{80}^4\ \Phi_{48}^4\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{10}$
100185	1468	1176	$\frac{1}{49}$	$\frac{25}{392}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{294}^2\ \Phi_{168}^2\ \Phi_{147}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_6^2$
100186	1468	714	$\frac{10}{357}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{347}{714}$	$\Phi_{714}^4\ \Phi_{238}^4\ \Phi_{102}^4\ \Phi_{42}^4\ \Phi_{34}^4\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
100187	1468	1155	$\frac{1}{35}$	$\frac{18}{385}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{1155}^2\ \Phi_{231}^2\ \Phi_{165}^2\ \Phi_{105}\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{15}$
100188	1468	3520	$\frac{15}{352}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{337}{704}$	$\Phi_{3520}\ \Phi_{320}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
100189	1468	378	$\frac{11}{378}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{126}^4\ \Phi_{63}^4\ \Phi_{54}^4\ \Phi_{42}^4\ \Phi_{27}^4\ \Phi_{21}^2\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^4\ \Phi_7^2$ $\Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
100190	1468	2100	$\frac{1}{35}$	$\frac{17}{350}$	$\frac{1}{3}$	$\frac{333}{700}$	$\Phi_{2100}^2\ \Phi_{420}^2\ \Phi_{300}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}^2$
100191	1468	1920	$\frac{17}{384}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}$ $\Phi_{20}\ \Phi_{15}\ \Phi_{10}$
100192	1468	690	$\frac{1}{23}$	$\frac{22}{345}$	$\frac{1}{5}$	$\frac{323}{690}$	$\Phi_{690}^4\ \Phi_{230}^4\ \Phi_{138}^4\ \Phi_{115}\ \Phi_{46}^4\ \Phi_{30}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
100193	1468	375	$\frac{8}{375}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{375}^4\ \Phi_{125}^4\ \Phi_{75}^4\ \Phi_{25}^4\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
100194	1468	2058	$\frac{1}{49}$	$\frac{24}{343}$	$\frac{1}{3}$	$\frac{319}{686}$	$\Phi_{2058}^2\ \Phi_{294}^2\ \Phi_{147}\ \Phi_{42}^2\ \Phi_{21}\ \Phi_6^2$
100195	1468	1365	$\frac{2}{105}$	$\frac{103}{1365}$	$\frac{1}{3}$	$\frac{631}{1365}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}^2\ \Phi_{91}\ \Phi_{65}\ \Phi_{39}\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2$ $\Phi_{13}\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
100196	1468	1323	$\frac{2}{147}$	$\frac{145}{1323}$	$\frac{1}{3}$	$\frac{589}{1323}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{189}\ \Phi_{147}^2\ \Phi_{63}\ \Phi_{49}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
100197	1468	486	$\frac{5}{243}$	$\frac{1}{9}$	$\frac{119}{486}$	$\frac{4}{9}$	$\Phi_{486}^4\ \Phi_{243}^2\ \Phi_{162}^4\ \Phi_{81}^2\ \Phi_{54}^4\ \Phi_{27}^2\ \Phi_{18}^4\ \Phi_9^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
100198	1468	378	$\frac{11}{378}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{126}^4\ \Phi_{63}^4\ \Phi_{54}^4\ \Phi_{42}^4\ \Phi_{27}^2\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^3\ \Phi_7^4$ $\Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
100199	1468	405	$\frac{5}{81}$	$\frac{38}{405}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^2\ \Phi_{45}^4\ \Phi_{27}^2\ \Phi_{15}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
100200	1468	652	$\frac{3}{163}$	$\frac{41}{326}$	$\frac{40}{163}$	$\frac{285}{652}$	$\Phi_{652}^4\ \Phi_{163}\ \Phi_4^4\ \Phi_1^2$
100201	1468	3220	$\frac{1}{46}$	$\frac{45}{322}$	$\frac{1}{5}$	$\frac{277}{644}$	$\Phi_{3220}\ \Phi_{460}\ \Phi_{230}\ \Phi_{140}\ \Phi_{115}\ \Phi_{20}\ \Phi_{10}$
100202	1468	1113	$\frac{4}{371}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1113}^2\ \Phi_{159}^2\ \Phi_{21}$
100203	1468	630	$\frac{1}{105}$	$\frac{52}{315}$	$\frac{1}{3}$	$\frac{263}{630}$	$\Phi_{630}^4\ \Phi_{210}^4\ \Phi_{126}^4\ \Phi_{105}^2\ \Phi_{90}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{21}^2\ \Phi_{18}^4\ \Phi_{15}^2$ $\Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
100204	1468	1110	$\frac{3}{370}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1110}^2\ \Phi_{555}^2\ \Phi_{222}^2\ \Phi_{111}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
100205	1468	378	$\frac{11}{378}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{126}^4\ \Phi_{63}^4\ \Phi_{54}^4\ \Phi_{42}^4\ \Phi_{27}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_9^3\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
100206	1468	588	$\frac{1}{147}$	$\frac{73}{294}$	$\frac{1}{3}$	$\frac{221}{588}$	$\Phi_{588}^4\ \Phi_{196}^4\ \Phi_{147}^2\ \Phi_{84}^4\ \Phi_{49}^2\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{12}^4\ \Phi_7^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
100207	1468	1107	$\frac{8}{369}$	$\frac{1}{9}$	$\frac{361}{1107}$	$\frac{373}{1107}$	$\Phi_{1107}\ \Phi_{369}^2\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
100208	1468	2760	$\frac{1}{92}$	$\frac{1}{5}$	$\frac{91}{276}$	$\frac{185}{552}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{120}\ \Phi_{115}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
100209	1468	369	$\frac{2}{369}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{369}^4\ \Phi_{123}^4\ \Phi_{41}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
100210	1468	549	$\frac{1}{183}$	$\frac{182}{549}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{549}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
100211	1468	1464	$\frac{1}{122}$	$\frac{121}{488}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1464}\ \Phi_{732}\ \Phi_{488}^2\ \Phi_{244}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
100212	1468	915	$\frac{2}{183}$	$\frac{181}{915}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{915}^2\ \Phi_{305}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
100213	1468	372	$\frac{5}{372}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{372}^4\ \Phi_{186}^4\ \Phi_{124}^4\ \Phi_{93}^4\ \Phi_{62}^4\ \Phi_{31}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
100214	1468	1281	$\frac{1}{61}$	$\frac{60}{427}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1281}\ \Phi_{427}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
100215	1468	945	$\frac{1}{105}$	$\frac{211}{945}$	$\frac{104}{315}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
100216	1468	1095	$\frac{4}{365}$	$\frac{1}{5}$	$\frac{361}{1095}$	$\frac{1}{3}$	$\Phi_{1095}\ \Phi_{365}^2\ \Phi_{219}\ \Phi_{73}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
100217	1468	441	$\frac{2}{147}$	$\frac{74}{441}$	$\frac{145}{441}$	$\frac{1}{3}$	$\Phi_{441}^3\ \Phi_{147}^4\ \Phi_{63}^3\ \Phi_{49}^4\ \Phi_{21}^4\ \Phi_9^3\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
100218	1468	546	$\frac{3}{182}$	$\frac{1}{7}$	$\frac{179}{546}$	$\frac{1}{3}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{39}^2\ \Phi_{26}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{13}^4\ \Phi_7^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
100219	1468	540	$\frac{7}{180}$	$\frac{1}{15}$	$\frac{173}{540}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
100220	1468	1071	$\frac{1}{21}$	$\frac{20}{357}$	$\frac{337}{1071}$	$\frac{1}{3}$	$\Phi_{1071}^2\ \Phi_{153}^2\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
100221	1468	765	$\frac{31}{765}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^2\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
100222	1468	378	$\frac{11}{378}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{126}^4\ \Phi_{63}^3\ \Phi_{54}^4\ \Phi_{42}^4\ \Phi_{27}^4\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^3\ \Phi_7^4\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
100223	1468	525	$\frac{1}{35}$	$\frac{17}{175}$	$\frac{158}{525}$	$\frac{1}{3}$	$\Phi_{525}^2\ \Phi_{175}^4\ \Phi_{105}^3\ \Phi_{75}^2\ \Phi_{35}^4\ \Phi_{25}^4\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_7^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
100224	1468	1029	$\frac{1}{49}$	$\frac{48}{343}$	$\frac{295}{1029}$	$\frac{1}{3}$	$\Phi_{1029}\ \Phi_{343}^2\ \Phi_{147}^2\ \Phi_{49}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
100225	1468	420	$\frac{1}{35}$	$\frac{53}{420}$	$\frac{17}{70}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^2\ \Phi_{140}^4\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^2\ \Phi_{35}^4\ \Phi_{30}^2\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^2\ \Phi_5^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
100226	1468	483	$\frac{19}{483}$	$\frac{2}{21}$	$\frac{116}{483}$	$\frac{1}{3}$	$\Phi_{483}^3\ \Phi_{161}^3\ \Phi_{69}^3\ \Phi_{23}^3\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
100227	1468	480	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{113}{480}$	$\frac{1}{3}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{16}^4\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
100228	1468	390	$\frac{23}{390}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{65}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{15}^2\ \Phi_{13}^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
100229	1468	378	$\frac{11}{378}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{126}^4\ \Phi_{63}^4\ \Phi_{54}^4\ \Phi_{42}^2\ \Phi_{27}^4\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
100230	1468	2625	$\frac{1}{35}$	$\frac{141}{875}$	$\frac{34}{175}$	$\frac{1}{3}$	$\Phi_{2625}\ \Phi_{375}\ \Phi_{105}\ \Phi_{21}\ \Phi_{15}$
100231	1468	1365	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{88}{455}$	$\frac{1}{3}$	$\Phi_{1365}^2\ \Phi_{195}^2\ \Phi_{105}^2\ \Phi_{21}\ \Phi_{15}^2$
100232	1468	450	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{83}{450}$	$\frac{1}{3}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
100233	1468	405	$\frac{1}{15}$	$\frac{38}{405}$	$\frac{7}{45}$	$\frac{1}{3}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^4\ \Phi_{27}^4\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
100234	1468	1176	$\frac{25}{392}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{294}^2\ \Phi_{168}^2\ \Phi_{147}^2\ \Phi_{24}^2\ \Phi_{21}$
100235	1468	819	$\frac{6}{91}$	$\frac{85}{819}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{819}^2\ \Phi_{273}\ \Phi_{117}^2\ \Phi_{91}^2\ \Phi_{63}^2\ \Phi_{39}\ \Phi_{21}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
100236	1468	420	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{53}{420}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{15}^2\ \Phi_{14}^4\ \Phi_7^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
100237	1468	540	$\frac{7}{180}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{173}{540}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
100238	1468	2070	$\frac{1}{23}$	$\frac{47}{414}$	$\frac{1}{5}$	$\frac{22}{69}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{230}\ \Phi_{115}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{10}$
100239	1468	2640	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{1}{5}$	$\frac{161}{528}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{240}\ \Phi_{165}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
100240	1468	1920	$\frac{17}{384}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
100241	1468	489	$\frac{3}{163}$	$\frac{40}{163}$	$\frac{122}{489}$	$\frac{41}{163}$	$\Phi_{489}^4\ \Phi_{163}\ \Phi_3^4\ \Phi_1^2$
100242	1468	2080	$\frac{3}{52}$	$\frac{49}{416}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
100243	1468	1960	$\frac{25}{392}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{280}\ \Phi_{245}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
100244	1468	480	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{113}{480}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{48}^4\ \Phi_{40}\ \Phi_{32}^4\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{10}$
100245	1468	396	$\frac{29}{396}$	$\frac{1}{9}$	$\frac{7}{36}$	$\frac{2}{9}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^4\ \Phi_{99}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
100246	1468	450	$\frac{7}{90}$	$\frac{1}{9}$	$\frac{83}{450}$	$\frac{2}{9}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
100247	1468	405	$\frac{38}{405}$	$\frac{1}{9}$	$\frac{7}{45}$	$\frac{2}{9}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^4\ \Phi_{27}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
100248	1468	432	$\frac{7}{72}$	$\frac{1}{9}$	$\frac{65}{432}$	$\frac{2}{9}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{108}^4\ \Phi_{54}^4\ \Phi_{48}^4\ \Phi_{27}^4\ \Phi_{16}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
100249	1468	460	$\frac{1}{23}$	$\frac{22}{115}$	$\frac{1}{5}$	$\frac{93}{460}$	$\Phi_{460}^4\ \Phi_{230}^4\ \Phi_{115}\ \Phi_{92}^4\ \Phi_{46}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_4^4\ \Phi_2^4$
100250	1468	400	$\frac{33}{400}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{5}$	$\Phi_{400}^4\ \Phi_{200}^4\ \Phi_{100}^4\ \Phi_{80}^4\ \Phi_{50}^4\ \Phi_{40}\ \Phi_{25}^4\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{10}$
100251	1468	2160	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{432}$	$\frac{1}{5}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{270}\ \Phi_{240}\ \Phi_{135}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
100252	1469	2928	$\frac{5}{1464}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1459}{2928}$	$\Phi_{2928}\ \Phi_{976}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
100253	1469	672	$\frac{1}{112}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{111}{224}$	$\Phi_{672}^4\ \Phi_{224}^5\ \Phi_{96}^4\ \Phi_{32}^5\ \Phi_{24}\ \Phi_8\ \Phi_1$
100254	1469	3360	$\frac{1}{112}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{111}{224}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{32}\ \Phi_{15}\ \Phi_5\ \Phi_1$
100255	1469	2016	$\frac{1}{112}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{111}{224}$	$\Phi_{2016}^2\ \Phi_{288}^2\ \Phi_{224}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
100256	1469	224	$\frac{1}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{111}{224}$	$\Phi_{224}^{13}\ \Phi_{32}^{13}\ \Phi_{16}\ \Phi_8\ \Phi_1$
100257	1469	1554	$\frac{2}{111}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{109}{222}$	$\Phi_{1554}\ \Phi_{777}\ \Phi_{518}\ \Phi_{259}\ \Phi_{111}\ \Phi_{42}^2\ \Phi_{37}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
100258	1469	2880	$\frac{29}{1440}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1411}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
100259	1469	1064	$\frac{1}{38}$	$\frac{1}{14}$	$\frac{39}{152}$	$\frac{37}{76}$	$\Phi_{1064}^2\ \Phi_{266}^2\ \Phi_{152}\ \Phi_{133}^2\ \Phi_{56}^2\ \Phi_{38}\ \Phi_{19}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
100260	1469	2816	$\frac{61}{1408}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{1347}{2816}$	$\Phi_{2816}\ \Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
100261	1469	1512	$\frac{5}{108}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{103}{216}$	$\Phi_{1512}^2\ \Phi_{504}^2\ \Phi_{216}\ \Phi_{168}^2\ \Phi_{72}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
100262	1469	1536	$\frac{67}{1536}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
100263	1469	2760	$\frac{3}{92}$	$\frac{89}{1380}$	$\frac{1}{4}$	$\frac{1291}{2760}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{184}\ \Phi_{120}\ \Phi_{92}\ \Phi_{46}\ \Phi_{40}\ \Phi_{24}\ \Phi_{23}\ \Phi_8\ \Phi_1$
100264	1469	168	$\frac{1}{56}$	$\frac{1}{12}$	$\frac{55}{168}$	$\frac{11}{24}$	$\Phi_{168}^9\ \Phi_{84}^9\ \Phi_{56}^8\ \Phi_{42}^9\ \Phi_{28}^8\ \Phi_{24}^{10}\ \Phi_{21}^9\ \Phi_{14}^8\ \Phi_{12}^9\ \Phi_8^9\ \Phi_7^8\ \Phi_6^9\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
100265	1469	696	$\frac{3}{116}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{696}^4\ \Phi_{232}^4\ \Phi_{116}\ \Phi_{58}\ \Phi_{29}\ \Phi_{24}\ \Phi_8\ \Phi_1$
100266	1469	840	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{27}{140}$	$\frac{11}{24}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{140}\ \Phi_{120}^4\ \Phi_{70}\ \Phi_{40}^4\ \Phi_{35}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
100267	1469	2856	$\frac{6}{119}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{136}\ \Phi_{119}\ \Phi_{24}\ \Phi_{17}\ \Phi_8\ \Phi_1$
100268	1469	120	$\frac{7}{120}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{120}^{13}\ \Phi_{60}^{13}\ \Phi_{40}^{13}\ \Phi_{30}^{13}\ \Phi_{24}^{10}\ \Phi_{20}^{13}\ \Phi_{15}^{13}\ \Phi_{12}^9\ \Phi_{10}^{13}\ \Phi_8^9\ \Phi_6^9\ \Phi_5^{13}\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
100269	1469	384	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{15}{128}$	$\frac{11}{24}$	$\Phi_{384}^4\ \Phi_{192}^4\ \Phi_{128}^5\ \Phi_{96}^4\ \Phi_{64}^5\ \Phi_{32}^5\ \Phi_{24}\ \Phi_8\ \Phi_1$
100270	1469	504	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{126}$	$\frac{11}{24}$	$\Phi_{504}^6\ \Phi_{168}^4\ \Phi_{126}\ \Phi_{72}^6\ \Phi_{63}\ \Phi_{56}^4\ \Phi_{42}\ \Phi_{24}^5\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_8^5\ \Phi_6\ \Phi_3\ \Phi_1$
100271	1469	2576	$\frac{3}{184}$	$\frac{181}{1288}$	$\frac{1}{4}$	$\frac{1107}{2576}$	$\Phi_{2576}\ \Phi_{368}\ \Phi_{184}\ \Phi_{112}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_8\ \Phi_1$
100272	1469	840	$\frac{7}{120}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
100273	1469	1330	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{18}{95}$	$\frac{77}{190}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{95}\ \Phi_{70}\ \Phi_{38}\ \Phi_{35}\ \Phi_{19}\ \Phi_{14}\ \Phi_7\ \Phi_5\ \Phi_1$
100274	1469	1952	$\frac{5}{488}$	$\frac{483}{1952}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1952}\ \Phi_{976}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
100275	1469	1488	$\frac{19}{1488}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}\ \Phi_{372}\ \Phi_{248}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{48}\ \Phi_{31}\ \Phi_{16}\ \Phi_8\ \Phi_1$
100276	1469	2208	$\frac{3}{368}$	$\frac{1}{4}$	$\frac{365}{1104}$	$\frac{739}{2208}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{368}\ \Phi_{184}\ \Phi_{96}\ \Phi_{92}\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_{16}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
100277	1469	840	$\frac{1}{56}$	$\frac{2}{15}$	$\frac{55}{168}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^3\ \Phi_3\ \Phi_1$
100278	1469	1740	$\frac{3}{116}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{290}\ \Phi_{145}\ \Phi_{116}\ \Phi_{58}\ \Phi_{29}\ \Phi_{15}\ \Phi_5\ \Phi_1$
100279	1469	420	$\frac{1}{28}$	$\frac{2}{15}$	$\frac{27}{140}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^4\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^3\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^3\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5^5\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
100280	1469	1785	$\frac{6}{119}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{255}\ \Phi_{119}\ \Phi_{85}\ \Phi_{17}\ \Phi_{15}\ \Phi_5\ \Phi_1$
100281	1469	120	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^{12}\ \Phi_{30}^{12}\ \Phi_{24}^{13}\ \Phi_{20}^{12}\ \Phi_{15}^{13}\ \Phi_{12}^{13}\ \Phi_{10}^{12}\ \Phi_8^{12}\ \Phi_6^{13}\ \Phi_5^{13}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
100282	1469	1920	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{15}\ \Phi_5\ \Phi_1$
100283	1469	630	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^2\ \Phi_{126}\ \Phi_{105}^2\ \Phi_{90}^3\ \Phi_{70}^2\ \Phi_{63}\ \Phi_{45}^3\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_9\ \Phi_6\ \Phi_5^3\ \Phi_3\ \Phi_1$
100284	1469	504	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{55}{168}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}\ \Phi_{126}^4\ \Phi_{84}\ \Phi_{72}^4\ \Phi_{63}^4\ \Phi_{42}\ \Phi_{36}^4\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}^5\ \Phi_{12}\ \Phi_9^5\ \Phi_6\ \Phi_3\ \Phi_1$
100285	1469	336	$\frac{1}{56}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{55}{168}$	$\Phi_{336}^8\ \Phi_{168}^5\ \Phi_{84}^5\ \Phi_{48}^8\ \Phi_{42}^5\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{16}\ \Phi_{12}^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
100286	1469	1656	$\frac{3}{92}$	$\frac{187}{1656}$	$\frac{1}{4}$	$\frac{89}{276}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{207}\ \Phi_{184}\ \Phi_{92}\ \Phi_{72}\ \Phi_{46}\ \Phi_{36}\ \Phi_{24}\ \Phi_{23}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
100287	1469	2112	$\frac{3}{64}$	$\frac{61}{704}$	$\frac{1}{4}$	$\frac{643}{2112}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{64}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
100288	1469	1134	$\frac{1}{14}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{162}$	$\Phi_{1134}^2\ \Phi_{567}^2\ \Phi_{162}\ \Phi_{81}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
100289	1469	1536	$\frac{67}{1536}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
100290	1469	1044	$\frac{3}{116}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{261}^2\ \Phi_{116}\ \Phi_{58}\ \Phi_{29}\ \Phi_{18}\ \Phi_9\ \Phi_1$
100291	1469	1260	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{27}{140}$	$\frac{5}{18}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{90}^2\ \Phi_{70}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
100292	1469	2142	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{306}\ \Phi_{153}\ \Phi_{119}\ \Phi_{18}\ \Phi_{17}\ \Phi_9\ \Phi_1$
100293	1469	360	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}\ \Phi_{90}^6\ \Phi_{72}^4\ \Phi_{60}\ \Phi_{45}^6\ \Phi_{40}\ \Phi_{36}^4\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}^5\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9^5\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
100294	1469	1152	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1152}^2\ \Phi_{576}^2\ \Phi_{288}^2\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
100295	1469	126	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{126}^{11}\ \Phi_{63}^{11}\ \Phi_{42}^{13}\ \Phi_{21}^{13}\ \Phi_{18}^{12}\ \Phi_{14}^{12}\ \Phi_9^{12}\ \Phi_7^{12}\ \Phi_6^{13}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
100296	1469	464	$\frac{3}{116}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{464}^4\ \Phi_{232}^4\ \Phi_{116}\ \Phi_{58}\ \Phi_{29}\ \Phi_{16}\ \Phi_8\ \Phi_1$
100297	1469	1920	$\frac{29}{480}$	$\frac{3}{32}$	$\frac{451}{1920}$	$\frac{1}{4}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
100298	1469	1840	$\frac{3}{92}$	$\frac{89}{460}$	$\frac{371}{1840}$	$\frac{1}{4}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{80}\ \Phi_{46}\ \Phi_{40}\ \Phi_{23}\ \Phi_{16}\ \Phi_8\ \Phi_1$
100299	1469	560	$\frac{1}{28}$	$\frac{3}{16}$	$\frac{27}{140}$	$\frac{1}{4}$	$\Phi_{560}^4\ \Phi_{280}^4\ \Phi_{140}\ \Phi_{80}^4\ \Phi_{70}\ \Phi_{40}^4\ \Phi_{35}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
100300	1469	1904	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{272}\ \Phi_{136}\ \Phi_{119}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_1$
100301	1469	240	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{240}^8\ \Phi_{120}^5\ \Phi_{80}^8\ \Phi_{60}^5\ \Phi_{48}^8\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{16}\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_8\ \Phi_6^5\ \Phi_5^5\ \Phi_3^5\ \Phi_1$
100302	1469	128	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{128}^{13}\ \Phi_{64}^{13}\ \Phi_{32}^{13}\ \Phi_{16}\ \Phi_8\ \Phi_1$
100303	1469	1568	$\frac{99}{1568}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{224}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
100304	1469	1008	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
100305	1469	1600	$\frac{131}{1600}$	$\frac{3}{32}$	$\frac{29}{160}$	$\frac{1}{4}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_8\ \Phi_1$
100306	1469	1728	$\frac{3}{32}$	$\frac{29}{288}$	$\frac{259}{1728}$	$\frac{1}{4}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{64}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_8\ \Phi_1$
100307	1469	1008	$\frac{1}{14}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{144}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{144}\ \Phi_{112}^2\ \Phi_{72}\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
100308	1470	2344	$\frac{1}{293}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{146}{293}$	$\Phi_{2344}\ \Phi_{293}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
100309	1470	2440	$\frac{1}{244}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{243}{488}$	$\Phi_{2440}\ \Phi_{488}^{2}\ \Phi_{40}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
100310	1470	1464	$\frac{1}{244}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{243}{488}$	$\Phi_{1464}^{3}\ \Phi_{24}^{3}\ \Phi_{12}\ \Phi_{6}$
100311	1470	2508	$\frac{1}{209}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{104}{209}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{228}\ \Phi_{209}\ \Phi_{132}\ \Phi_{76}\ \Phi_{44}\ \Phi_{19}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
100312	1470	1881	$\frac{1}{209}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{104}{209}$	$\Phi_{1881}\ \Phi_{209}\ \Phi_{171}\ \Phi_{99}\ \Phi_{19}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
100313	1470	2628	$\frac{1}{146}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{145}{292}$	$\Phi_{2628}\ \Phi_{876}\ \Phi_{292}^{2}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
100314	1470	876	$\frac{1}{146}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{145}{292}$	$\Phi_{876}^{3}\ \Phi_{292}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100315	1470	3402	$\frac{2}{243}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{241}{486}$	$\Phi_{3402}\ \Phi_{1134}\ \Phi_{378}\ \Phi_{126}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
100316	1470	452	$\frac{1}{113}$	$\frac{19}{226}$	$\frac{207}{452}$	$\frac{56}{113}$	$\Phi_{452}^{6}\ \Phi_{113}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
100317	1470	339	$\frac{1}{113}$	$\frac{19}{113}$	$\frac{94}{339}$	$\frac{56}{113}$	$\Phi_{339}^{6}\ \Phi_{113}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
100318	1470	904	$\frac{1}{113}$	$\frac{169}{904}$	$\frac{57}{226}$	$\frac{56}{113}$	$\Phi_{904}^{2}\ \Phi_{452}^{2}\ \Phi_{113}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
100319	1470	208	$\frac{1}{104}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{103}{208}$	$\Phi_{208}^{14}\ \Phi_{16}^{14}\ \Phi_{13}\ \Phi_{1}^{2}$
100320	1470	624	$\frac{1}{104}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{103}{208}$	$\Phi_{624}^{7}\ \Phi_{48}^{7}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
100321	1470	2716	$\frac{1}{97}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{48}{97}$	$\Phi_{2716}\ \Phi_{388}\ \Phi_{97}\ \Phi_{28}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
100322	1470	679	$\frac{1}{97}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{48}{97}$	$\Phi_{679}^{2}\ \Phi_{97}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
100323	1470	1164	$\frac{1}{97}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{48}{97}$	$\Phi_{1164}^{2}\ \Phi_{582}\ \Phi_{388}\ \Phi_{291}\ \Phi_{97}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
100324	1470	2296	$\frac{1}{82}$	$\frac{1}{7}$	$\frac{83}{328}$	$\frac{81}{164}$	$\Phi_{2296}\ \Phi_{574}\ \Phi_{287}\ \Phi_{56}\ \Phi_{14}$
100325	1470	870	$\frac{2}{145}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{143}{290}$	$\Phi_{870}^{2}\ \Phi_{435}^{2}\ \Phi_{174}^{2}\ \Phi_{145}^{2}\ \Phi_{87}^{2}\ \Phi_{30}^{3}\ \Phi_{29}^{2}\ \Phi_{15}^{3}\ \Phi_{10}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
100326	1470	1469	$\frac{21}{1469}$	$\frac{149}{1469}$	$\frac{440}{1469}$	$\frac{724}{1469}$	$\Phi_{1469}\ \Phi_{113}\ \Phi_{13}\ \Phi_{1}^{2}$
100327	1470	2760	$\frac{1}{69}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{34}{69}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{184}\ \Phi_{120}\ \Phi_{69}\ \Phi_{40}^{2}\ \Phi_{24}\ \Phi_{23}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
100328	1470	690	$\frac{1}{69}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{34}{69}$	$\Phi_{690}^{2}\ \Phi_{345}^{2}\ \Phi_{230}^{2}\ \Phi_{138}^{2}\ \Phi_{115}^{2}\ \Phi_{69}^{3}\ \Phi_{46}^{2}\ \Phi_{30}^{2}\ \Phi_{23}^{3}\ \Phi_{15}^{2}\ \Phi_{10}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
100329	1470	552	$\frac{1}{69}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{34}{69}$	$\Phi_{552}^{3}\ \Phi_{276}^{2}\ \Phi_{184}^{3}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{69}^{3}\ \Phi_{46}^{2}\ \Phi_{24}^{3}\ \Phi_{23}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{6}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
100330	1470	1725	$\frac{1}{69}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{34}{69}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{75}\ \Phi_{69}\ \Phi_{25}^{2}\ \Phi_{23}\ \Phi_{3}\ \Phi_{1}^{2}$
100331	1470	354	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{10}{59}$	$\frac{29}{59}$	$\Phi_{354}^{5}\ \Phi_{177}^{5}\ \Phi_{118}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
100332	1470	1469	$\frac{25}{1469}$	$\frac{244}{1469}$	$\frac{249}{1469}$	$\frac{722}{1469}$	$\Phi_{1469}\ \Phi_{113}\ \Phi_{13}\ \Phi_{1}^{2}$
100333	1470	1964	$\frac{9}{491}$	$\frac{50}{491}$	$\frac{1}{4}$	$\frac{241}{491}$	$\Phi_{1964}\ \Phi_{982}$
100334	1470	481	$\frac{9}{481}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{236}{481}$	$\Phi_{481}^{3}\ \Phi_{37}^{3}\ \Phi_{13}^{5}\ \Phi_{1}^{6}$
100335	1470	1469	$\frac{29}{1469}$	$\frac{107}{1469}$	$\frac{454}{1469}$	$\frac{720}{1469}$	$\Phi_{1469}\ \Phi_{113}\ \Phi_{13}\ \Phi_{1}^{2}$
100336	1470	2784	$\frac{1}{48}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{47}{96}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{96}^{2}\ \Phi_{32}^{2}\ \Phi_{29}\ \Phi_{1}^{2}$
100337	1470	96	$\frac{1}{48}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{96}^{30}\ \Phi_{48}\ \Phi_{32}^{30}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
100338	1470	2784	$\frac{1}{48}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{47}{96}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{96}^{2}\ \Phi_{32}^{2}\ \Phi_{29}\ \Phi_{1}^{2}$
100339	1470	1056	$\frac{1}{48}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{47}{96}$	$\Phi_{1056}^{3}\ \Phi_{352}^{3}\ \Phi_{44}\ \Phi_{22}$
100340	1470	2784	$\frac{1}{48}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{47}{96}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{96}^{2}\ \Phi_{32}^{2}\ \Phi_{29}\ \Phi_{1}^{2}$
100341	1470	672	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{47}{96}$	$\Phi_{672}^{5}\ \Phi_{224}^{5}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
100342	1470	1688	$\frac{5}{211}$	$\frac{1}{8}$	$\frac{36}{211}$	$\frac{103}{211}$	$\Phi_{1688}\ \Phi_{844}\ \Phi_{422}$
100343	1470	988	$\frac{6}{247}$	$\frac{1}{13}$	$\frac{253}{988}$	$\frac{241}{494}$	$\Phi_{988}^{2}\ \Phi_{247}^{2}\ \Phi_{76}^{2}\ \Phi_{52}^{2}\ \Phi_{19}^{2}\ \Phi_{13}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
100344	1470	2788	$\frac{1}{41}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{20}{41}$	$\Phi_{2788}\ \Phi_{164}\ \Phi_{68}^{2}\ \Phi_{41}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
100345	1470	2091	$\frac{1}{41}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{20}{41}$	$\Phi_{2091}\ \Phi_{123}\ \Phi_{51}^{2}\ \Phi_{41}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
100346	1470	697	$\frac{1}{41}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{20}{41}$	$\Phi_{697}^2\ \Phi_{41}^3\ \Phi_{17}^4\ \Phi_1^6$
100347	1470	984	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{20}{41}$	$\Phi_{984}^2\ \Phi_{492}^2\ \Phi_{328}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{41}\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
100348	1470	1469	$\frac{37}{1469}$	$\frac{174}{1469}$	$\frac{251}{1469}$	$\frac{716}{1469}$	$\Phi_{1469}\ \Phi_{113}\ \Phi_{13}\ \Phi_1^2$
100349	1470	1964	$\frac{13}{491}$	$\frac{36}{491}$	$\frac{1}{4}$	$\frac{239}{491}$	$\Phi_{1964}\ \Phi_{982}$
100350	1470	286	$\frac{4}{143}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{139}{286}$	$\Phi_{286}^{10}\ \Phi_{26}^{10}\ \Phi_{22}^{10}\ \Phi_{13}^3\ \Phi_2^{10}\ \Phi_1^4$
100351	1470	2244	$\frac{1}{34}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{2244}^2\ \Phi_{204}\ \Phi_{132}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
100352	1470	2788	$\frac{1}{34}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{33}{68}$	$\Phi_{2788}\ \Phi_{164}\ \Phi_{68}^2\ \Phi_{41}\ \Phi_4^2\ \Phi_1^2$
100353	1470	1020	$\frac{1}{34}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{1020}\ \Phi_{510}^2\ \Phi_{340}\ \Phi_{255}^2\ \Phi_{204}\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{60}^2\ \Phi_{51}^2\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^2\ \Phi_3^2$
100354	1470	2788	$\frac{1}{34}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{33}{68}$	$\Phi_{2788}\ \Phi_{164}\ \Phi_{68}^2\ \Phi_{41}\ \Phi_4^2\ \Phi_1^2$
100355	1470	952	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{33}{68}$	$\Phi_{952}^2\ \Phi_{476}\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{56}^3\ \Phi_{28}^2\ \Phi_{14}^3\ \Phi_7^2$
100356	1470	528	$\frac{1}{33}$	$\frac{1}{16}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{66}\ \Phi_{48}^3\ \Phi_{44}^3\ \Phi_{33}^2\ \Phi_{24}^3\ \Phi_{22}\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
100357	1470	4278	$\frac{22}{713}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{691}{1426}$	$\Phi_{4278}\ \Phi_{186}\ \Phi_{138}\ \Phi_{69}\ \Phi_6$
100358	1470	768	$\frac{1}{32}$	$\frac{11}{256}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{768}^3\ \Phi_{384}^3\ \Phi_{192}^2\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
100359	1470	1479	$\frac{1}{29}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{1479}\ \Phi_{493}\ \Phi_{51}^2\ \Phi_{29}\ \Phi_{17}^2\ \Phi_1^2$
100360	1470	2088	$\frac{1}{29}$	$\frac{1}{24}$	$\frac{23}{72}$	$\frac{14}{29}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{522}\ \Phi_{261}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{29}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
100361	1470	1508	$\frac{1}{29}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{1508}\ \Phi_{754}\ \Phi_{377}\ \Phi_{52}^2\ \Phi_{29}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_1^2$
100362	1470	1856	$\frac{1}{29}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{14}{29}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{29}\ \Phi_1^2$
100363	1470	1740	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{14}{29}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{290}\ \Phi_{145}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{29}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
100364	1470	1566	$\frac{1}{29}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{14}{29}$	$\Phi_{1566}\ \Phi_{783}\ \Phi_{522}\ \Phi_{261}\ \Phi_{54}^2\ \Phi_{29}\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
100365	1470	232	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{14}{29}$	$\Phi_{232}^6\ \Phi_{116}^6\ \Phi_{58}^6\ \Phi_{29}^7\ \Phi_8^{12}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{14}$
100366	1470	1469	$\frac{57}{1469}$	$\frac{109}{1469}$	$\frac{272}{1469}$	$\frac{706}{1469}$	$\Phi_{1469}\ \Phi_{113}\ \Phi_{13}\ \Phi_1^2$
100367	1470	1469	$\frac{61}{1469}$	$\frac{153}{1469}$	$\frac{188}{1469}$	$\frac{704}{1469}$	$\Phi_{1469}\ \Phi_{113}\ \Phi_{13}\ \Phi_1^2$
100368	1470	1688	$\frac{9}{211}$	$\frac{22}{211}$	$\frac{1}{8}$	$\frac{101}{211}$	$\Phi_{1688}\ \Phi_{844}\ \Phi_{422}$
100369	1470	4224	$\frac{1}{32}$	$\frac{31}{704}$	$\frac{1}{3}$	$\frac{673}{1408}$	$\Phi_{4224}\ \Phi_{384}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
100370	1470	1770	$\frac{13}{295}$	$\frac{22}{295}$	$\frac{1}{6}$	$\frac{141}{295}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{590}\ \Phi_{354}\ \Phi_{177}\ \Phi_{118}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
100371	1470	468	$\frac{11}{234}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{223}{468}$	$\Phi_{468}^6\ \Phi_{156}^6\ \Phi_{52}^6\ \Phi_{36}^6\ \Phi_{13}^5\ \Phi_{12}^6\ \Phi_4^6\ \Phi_1^6$
100372	1470	360	$\frac{1}{36}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{360}^8\ \Phi_{120}^7\ \Phi_{72}^8\ \Phi_{40}^8\ \Phi_{36}^2\ \Phi_{24}^7\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^8\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
100373	1470	920	$\frac{1}{23}$	$\frac{1}{20}$	$\frac{11}{46}$	$\frac{19}{40}$	$\Phi_{920}^3\ \Phi_{184}^3\ \Phi_{46}^2\ \Phi_{40}^4\ \Phi_{23}\ \Phi_8^4\ \Phi_2^2\ \Phi_1^2$
100374	1470	2760	$\frac{1}{20}$	$\frac{4}{69}$	$\frac{13}{69}$	$\frac{19}{40}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{184}\ \Phi_{120}\ \Phi_{69}\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{23}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
100375	1470	120	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{120}^{23}\ \Phi_{40}^{24}\ \Phi_{30}^3\ \Phi_{24}^{23}\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_8^{24}\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
100376	1470	920	$\frac{1}{20}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{19}{40}$	$\Phi_{920}^3\ \Phi_{184}^3\ \Phi_{40}^4\ \Phi_{23}^3\ \Phi_8^4\ \Phi_1^4$
100377	1470	440	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{19}{40}$	$\Phi_{440}^3\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{88}^4\ \Phi_{55}^4\ \Phi_{44}^5\ \Phi_{22}^5\ \Phi_{11}^4$
100378	1470	1469	$\frac{85}{1469}$	$\frac{111}{1469}$	$\frac{194}{1469}$	$\frac{692}{1469}$	$\Phi_{1469}\ \Phi_{113}\ \Phi_{13}\ \Phi_1^2$
100379	1470	2838	$\frac{1}{43}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{2838}\ \Phi_{946}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}$
100380	1470	1688	$\frac{13}{211}$	$\frac{16}{211}$	$\frac{1}{8}$	$\frac{99}{211}$	$\Phi_{1688}\ \Phi_{844}\ \Phi_{422}$
100381	1470	276	$\frac{1}{46}$	$\frac{3}{46}$	$\frac{1}{3}$	$\frac{43}{92}$	$\Phi_{276}^{15}\ \Phi_{138}\ \Phi_{69}\ \Phi_{12}^{15}\ \Phi_6$
100382	1470	2100	$\frac{1}{50}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{2100}^2\ \Phi_{420}^2\ \Phi_{300}^2\ \Phi_{150}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
100383	1470	2716	$\frac{6}{97}$	$\frac{1}{14}$	$\frac{13}{97}$	$\frac{13}{28}$	$\Phi_{2716}\ \Phi_{388}\ \Phi_{97}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
100384	1470	840	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{28}$	$\Phi_{840}^2\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}^3\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^2\ \Phi_3^2$
100385	1470	52	$\frac{1}{52}$	$\frac{1}{13}$	$\frac{17}{52}$	$\frac{6}{13}$	$\Phi_{52}^{28}\ \Phi_{26}^{28}\ \Phi_{13}^{29}\ \Phi_4^{28}\ \Phi_2^{28}\ \Phi_1^{30}$
100386	1470	754	$\frac{19}{754}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{754}^2\ \Phi_{377}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{13}\ \Phi_1^2$
100387	1470	468	$\frac{1}{36}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{156}^3\ \Phi_{117}^3\ \Phi_{78}^3\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{36}^6\ \Phi_{26}^2\ \Phi_{18}^6\ \Phi_{13}^3\ \Phi_{12}^6\ \Phi_9^6\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
100388	1470	26	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{5}{26}$	$\frac{6}{13}$	$\Phi_{26}^{56}\ \Phi_{13}^{57}\ \Phi_2^{56}\ \Phi_1^{58}$
100389	1470	858	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{286}\ \Phi_{143}\ \Phi_{78}\ \Phi_{66}^4\ \Phi_{39}\ \Phi_{33}^4\ \Phi_{22}^2\ \Phi_{13}\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
100390	1470	52	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{6}{13}$	$\Phi_{52}^{28}\ \Phi_{26}^{28}\ \Phi_{13}^{29}\ \Phi_4^{28}\ \Phi_2^{28}\ \Phi_1^{30}$
100391	1470	208	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{6}{13}$	$\Phi_{208}^7\ \Phi_{104}^6\ \Phi_{52}^6\ \Phi_{26}^6\ \Phi_{16}^{14}\ \Phi_{13}^7\ \Phi_8^{12}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{14}$
100392	1470	832	$\frac{7}{104}$	$\frac{1}{13}$	$\frac{97}{832}$	$\frac{6}{13}$	$\Phi_{832}^2\ \Phi_{416}^2\ \Phi_{208}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_1^2$
100393	1470	39	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{6}{13}$	$\Phi_{39}^{42}\ \Phi_{13}^{29}\ \Phi_3^{42}\ \Phi_1^{30}$
100394	1470	2064	$\frac{1}{43}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{2064}\ \Phi_{688}\ \Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}$
100395	1470	452	$\frac{2}{113}$	$\frac{19}{226}$	$\frac{37}{113}$	$\frac{207}{452}$	$\Phi_{452}^6\ \Phi_{113}\ \Phi_4^6\ \Phi_1^2$
100396	1470	452	$\frac{5}{113}$	$\frac{19}{226}$	$\frac{18}{113}$	$\frac{207}{452}$	$\Phi_{452}^6\ \Phi_{113}\ \Phi_4^6\ \Phi_1^2$
100397	1470	2790	$\frac{1}{31}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{2790}\ \Phi_{930}\ \Phi_{558}\ \Phi_{310}\ \Phi_{186}\ \Phi_{155}\ \Phi_{62}$
100398	1470	720	$\frac{1}{16}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{90}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^3\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{72}^3\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^2\ \Phi_6\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
100399	1470	880	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{5}{11}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{176}\ \Phi_{110}^2\ \Phi_{88}\ \Phi_{80}^2\ \Phi_{44}\ \Phi_{40}^2\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{10}^2$
100400	1470	2752	$\frac{1}{43}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{2752}\ \Phi_{172}\ \Phi_{86}$
100401	1470	1469	$\frac{23}{1469}$	$\frac{141}{1469}$	$\frac{482}{1469}$	$\frac{664}{1469}$	$\Phi_{1469}\ \Phi_{113}\ \Phi_{13}\ \Phi_1^2$
100402	1470	1860	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{465}\ \Phi_{372}\ \Phi_{310}\ \Phi_{186}\ \Phi_{155}\ \Phi_{93}\ \Phi_{62}$
100403	1470	657	$\frac{1}{73}$	$\frac{1}{9}$	$\frac{24}{73}$	$\frac{4}{9}$	$\Phi_{657}^2\ \Phi_{219}^2\ \Phi_{73}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^6$
100404	1470	900	$\frac{1}{50}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{900}^2\ \Phi_{450}\ \Phi_{300}^2\ \Phi_{225}\ \Phi_{180}^2\ \Phi_{150}\ \Phi_{100}^4\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
100405	1470	657	$\frac{3}{73}$	$\frac{1}{9}$	$\frac{10}{73}$	$\frac{4}{9}$	$\Phi_{657}^2\ \Phi_{219}^2\ \Phi_{73}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^6$
100406	1470	792	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}\ \Phi_{132}^2\ \Phi_{99}\ \Phi_{88}^4\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}^4\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
100407	1470	432	$\frac{1}{16}$	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^3\ \Phi_{108}^4\ \Phi_{72}^3\ \Phi_{54}^2\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
100408	1470	176	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{88}$	$\Phi_{176}^9\ \Phi_{88}^7\ \Phi_{44}^9\ \Phi_{22}^9\ \Phi_{16}^8\ \Phi_{11}^8\ \Phi_8^6\ \Phi_4^8\ \Phi_2^8\ \Phi_1^8$
100409	1470	113	$\frac{3}{113}$	$\frac{13}{113}$	$\frac{22}{113}$	$\frac{50}{113}$	$\Phi_{113}^{13}\ \Phi_1^{14}$
100410	1470	113	$\frac{8}{113}$	$\frac{9}{113}$	$\frac{13}{113}$	$\frac{50}{113}$	$\Phi_{113}^{13}\ \Phi_1^{14}$
100411	1470	1548	$\frac{1}{36}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{1548}\ \Phi_{774}\ \Phi_{516}\ \Phi_{387}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}$
100412	1470	1469	$\frac{55}{1469}$	$\frac{181}{1469}$	$\frac{202}{1469}$	$\frac{644}{1469}$	$\Phi_{1469}\ \Phi_{113}\ \Phi_{13}\ \Phi_1^2$
100413	1470	1562	$\frac{1}{22}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{31}{71}$	$\Phi_{1562}\ \Phi_{781}\ \Phi_{142}$
100414	1470	1584	$\frac{1}{16}$	$\frac{8}{99}$	$\frac{13}{99}$	$\frac{43}{99}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
100415	1470	1469	$\frac{17}{1469}$	$\frac{197}{1469}$	$\frac{484}{1469}$	$\frac{636}{1469}$	$\Phi_{1469}\ \Phi_{113}\ \Phi_{13}\ \Phi_1^2$
100416	1470	1469	$\frac{90}{1469}$	$\frac{119}{1469}$	$\frac{197}{1469}$	$\frac{636}{1469}$	$\Phi_{1469}\ \Phi_{113}\ \Phi_{13}\ \Phi_1^2$
100417	1470	1469	$\frac{62}{1469}$	$\frac{167}{1469}$	$\frac{201}{1469}$	$\frac{634}{1469}$	$\Phi_{1469}\ \Phi_{113}\ \Phi_{13}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
100418	1470	1688	$\frac{8}{211}$	$\frac{1}{8}$	$\frac{29}{211}$	$\frac{91}{211}$	$\Phi_{1688}\ \Phi_{844}\ \Phi_{422}$
100419	1470	1770	$\frac{8}{295}$	$\frac{41}{295}$	$\frac{1}{6}$	$\frac{127}{295}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{590}\ \Phi_{354}\ \Phi_{177}\ \Phi_{118}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
100420	1470	1469	$\frac{34}{1469}$	$\frac{205}{1469}$	$\frac{279}{1469}$	$\frac{632}{1469}$	$\Phi_{1469}\ \Phi_{113}\ \Phi_{13}\ \Phi_{1}^{2}$
100421	1470	1964	$\frac{8}{491}$	$\frac{69}{491}$	$\frac{1}{4}$	$\frac{211}{491}$	$\Phi_{1964}\ \Phi_{982}$
100422	1470	552	$\frac{1}{92}$	$\frac{13}{92}$	$\frac{1}{3}$	$\frac{79}{184}$	$\Phi_{552}^{7}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{24}^{7}\ \Phi_{12}\ \Phi_{6}$
100423	1470	52	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{26}$	$\Phi_{52}^{30}\ \Phi_{26}^{24}\ \Phi_{13}^{29}\ \Phi_{4}^{30}\ \Phi_{2}^{24}\ \Phi_{1}^{30}$
100424	1470	1550	$\frac{1}{50}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{1550}\ \Phi_{775}\ \Phi_{310}\ \Phi_{155}\ \Phi_{62}$
100425	1470	636	$\frac{1}{106}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{636}^{4}\ \Phi_{318}\ \Phi_{212}^{4}\ \Phi_{159}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}^{2}$
100426	1470	2508	$\frac{2}{209}$	$\frac{1}{6}$	$\frac{69}{209}$	$\frac{5}{12}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{228}\ \Phi_{209}\ \Phi_{132}\ \Phi_{76}\ \Phi_{44}\ \Phi_{19}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
100427	1470	852	$\frac{1}{71}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{852}\ \Phi_{426}^{2}\ \Phi_{284}^{2}\ \Phi_{213}^{2}\ \Phi_{142}^{3}\ \Phi_{71}^{2}$
100428	1470	2508	$\frac{4}{209}$	$\frac{1}{6}$	$\frac{41}{209}$	$\frac{5}{12}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{228}\ \Phi_{209}\ \Phi_{132}\ \Phi_{76}\ \Phi_{44}\ \Phi_{19}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
100429	1470	516	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{516}^{5}\ \Phi_{258}\ \Phi_{172}^{5}\ \Phi_{129}\ \Phi_{86}$
100430	1470	2508	$\frac{5}{209}$	$\frac{34}{209}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{228}\ \Phi_{209}\ \Phi_{132}\ \Phi_{76}\ \Phi_{44}\ \Phi_{19}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
100431	1470	252	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{252}^{7}\ \Phi_{126}^{7}\ \Phi_{84}^{6}\ \Phi_{63}^{7}\ \Phi_{42}^{7}\ \Phi_{28}^{6}\ \Phi_{21}^{7}\ \Phi_{14}^{7}\ \Phi_{7}^{6}$
100432	1470	2508	$\frac{6}{209}$	$\frac{29}{209}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{228}\ \Phi_{209}\ \Phi_{132}\ \Phi_{76}\ \Phi_{44}\ \Phi_{19}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
100433	1470	744	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{744}^{2}\ \Phi_{372}\ \Phi_{248}^{3}\ \Phi_{186}^{2}\ \Phi_{124}^{2}\ \Phi_{93}^{2}\ \Phi_{62}^{3}\ \Phi_{31}^{2}$
100434	1470	2508	$\frac{9}{209}$	$\frac{20}{209}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{228}\ \Phi_{209}\ \Phi_{132}\ \Phi_{76}\ \Phi_{44}\ \Phi_{19}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
100435	1470	132	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{132}^{19}\ \Phi_{44}^{19}\ \Phi_{22}^{10}\ \Phi_{12}^{20}\ \Phi_{11}^{9}\ \Phi_{4}^{20}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
100436	1470	228	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{228}^{11}\ \Phi_{76}^{11}\ \Phi_{38}^{6}\ \Phi_{19}^{5}\ \Phi_{12}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
100437	1470	2508	$\frac{13}{209}$	$\frac{14}{209}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{228}\ \Phi_{209}\ \Phi_{132}\ \Phi_{76}\ \Phi_{44}\ \Phi_{19}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
100438	1470	240	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{240}^{7}\ \Phi_{120}^{7}\ \Phi_{80}^{7}\ \Phi_{60}^{4}\ \Phi_{48}^{5}\ \Phi_{40}^{7}\ \Phi_{30}^{7}\ \Phi_{24}^{5}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{15}^{6}\ \Phi_{12}^{3}\ \Phi_{10}^{7}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
100439	1470	1469	$\frac{41}{1469}$	$\frac{204}{1469}$	$\frac{253}{1469}$	$\frac{608}{1469}$	$\Phi_{1469}\ \Phi_{113}\ \Phi_{13}\ \Phi_{1}^{2}$
100440	1470	1562	$\frac{1}{22}$	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{29}{71}$	$\Phi_{1562}\ \Phi_{781}\ \Phi_{142}$
100441	1470	247	$\frac{12}{247}$	$\frac{1}{13}$	$\frac{47}{247}$	$\frac{100}{247}$	$\Phi_{247}^{6}\ \Phi_{19}^{6}\ \Phi_{13}^{5}\ \Phi_{1}^{6}$
100442	1470	1469	$\frac{64}{1469}$	$\frac{125}{1469}$	$\frac{281}{1469}$	$\frac{594}{1469}$	$\Phi_{1469}\ \Phi_{113}\ \Phi_{13}\ \Phi_{1}^{2}$
100443	1470	1688	$\frac{6}{211}$	$\frac{1}{8}$	$\frac{41}{211}$	$\frac{85}{211}$	$\Phi_{1688}\ \Phi_{844}\ \Phi_{422}$
100444	1470	574	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{8}{41}$	$\frac{33}{82}$	$\Phi_{574}^{5}\ \Phi_{287}\ \Phi_{14}^{5}$
100445	1470	1469	$\frac{24}{1469}$	$\frac{289}{1469}$	$\frac{293}{1469}$	$\frac{590}{1469}$	$\Phi_{1469}\ \Phi_{113}\ \Phi_{13}\ \Phi_{1}^{2}$
100446	1470	1964	$\frac{6}{491}$	$\frac{97}{491}$	$\frac{1}{4}$	$\frac{197}{491}$	$\Phi_{1964}\ \Phi_{982}$
100447	1470	1830	$\frac{1}{122}$	$\frac{1}{5}$	$\frac{121}{366}$	$\frac{2}{5}$	$\Phi_{1830}\ \Phi_{915}\ \Phi_{366}^{2}\ \Phi_{183}^{2}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
100448	1470	530	$\frac{1}{106}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{530}^{3}\ \Phi_{265}^{3}\ \Phi_{106}^{2}\ \Phi_{53}^{2}\ \Phi_{10}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
100449	1470	1240	$\frac{3}{248}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{248}^{2}\ \Phi_{155}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{40}\ \Phi_{31}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
100450	1470	305	$\frac{1}{61}$	$\frac{12}{61}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{305}^{4}\ \Phi_{61}^{8}\ \Phi_{5}^{5}\ \Phi_{1}^{10}$
100451	1470	150	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{150}^{12}\ \Phi_{75}^{12}\ \Phi_{50}^{6}\ \Phi_{30}^{11}\ \Phi_{25}^{6}\ \Phi_{15}^{11}\ \Phi_{10}^{5}\ \Phi_{6}^{10}\ \Phi_{5}^{6}\ \Phi_{3}^{10}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
100452	1470	610	$\frac{3}{122}$	$\frac{17}{122}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{610}^{2}\ \Phi_{305}^{2}\ \Phi_{122}^{4}\ \Phi_{61}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
100453	1470	360	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{360}^{4}\ \Phi_{180}^{3}\ \Phi_{120}^{4}\ \Phi_{90}^{3}\ \Phi_{72}^{8}\ \Phi_{60}^{3}\ \Phi_{45}^{3}\ \Phi_{40}^{3}\ \Phi_{36}^{6}\ \Phi_{30}^{3}\ \Phi_{24}^{8}\ \Phi_{20}^{2}\ \Phi_{18}^{6}\ \Phi_{15}^{3}\ \Phi_{12}^{6}\ \Phi_{10}^{2}\ \Phi_{9}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
100454	1470	2480	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{2480}\ \Phi_{496}\ \Phi_{310}\ \Phi_{155}\ \Phi_{62}$
100455	1470	247	$\frac{2}{247}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{247}^6\ \Phi_{19}^6\ \Phi_{13}^5\ \Phi_1^6$
100456	1470	708	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{29}{118}$	$\frac{89}{236}$	$\Phi_{708}^4\ \Phi_{354}\ \Phi_{236}^2\ \Phi_{177}\ \Phi_{118}\ \Phi_{12}^4\ \Phi_4^2$
100457	1470	888	$\frac{1}{148}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{888}^4\ \Phi_{444}\ \Phi_{222}\ \Phi_{111}\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
100458	1470	2344	$\frac{2}{293}$	$\frac{1}{4}$	$\frac{97}{293}$	$\frac{3}{8}$	$\Phi_{2344}\ \Phi_{293}\ \Phi_8^2\ \Phi_1^2$
100459	1470	792	$\frac{1}{99}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}^3\ \Phi_{396}\ \Phi_{264}^3\ \Phi_{198}\ \Phi_{132}\ \Phi_{88}^3\ \Phi_{72}^3\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{24}^3\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
100460	1470	2344	$\frac{5}{293}$	$\frac{48}{293}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2344}\ \Phi_{293}\ \Phi_8^2\ \Phi_1^2$
100461	1470	1400	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1400}^2\ \Phi_{350}\ \Phi_{280}^2\ \Phi_{175}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{14}$
100462	1470	2344	$\frac{6}{293}$	$\frac{41}{293}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2344}\ \Phi_{293}\ \Phi_8^2\ \Phi_1^2$
100463	1470	344	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{344}^4\ \Phi_{172}^5\ \Phi_{86}^5\ \Phi_{43}^4$
100464	1470	1672	$\frac{5}{152}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{418}\ \Phi_{209}\ \Phi_{44}\ \Phi_{22}$
100465	1470	2344	$\frac{13}{293}$	$\frac{20}{293}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2344}\ \Phi_{293}\ \Phi_8^2\ \Phi_1^2$
100466	1470	1320	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{330}\ \Phi_{264}^2\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{10}\ \Phi_6$
100467	1470	1469	$\frac{19}{1469}$	$\frac{290}{1469}$	$\frac{393}{1469}$	$\frac{538}{1469}$	$\Phi_{1469}\ \Phi_{113}\ \Phi_{13}\ \Phi_1^2$
100468	1470	1469	$\frac{27}{1469}$	$\frac{206}{1469}$	$\frac{421}{1469}$	$\frac{524}{1469}$	$\Phi_{1469}\ \Phi_{113}\ \Phi_{13}\ \Phi_1^2$
100469	1470	1550	$\frac{1}{50}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{1550}\ \Phi_{775}\ \Phi_{310}\ \Phi_{155}\ \Phi_{62}$
100470	1470	2322	$\frac{1}{43}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{2322}\ \Phi_{774}\ \Phi_{387}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}$
100471	1470	226	$\frac{3}{113}$	$\frac{11}{113}$	$\frac{34}{113}$	$\frac{79}{226}$	$\Phi_{226}^{10}\ \Phi_{113}^3\ \Phi_2^{10}\ \Phi_1^4$
100472	1470	1548	$\frac{1}{36}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{1548}\ \Phi_{774}\ \Phi_{516}\ \Phi_{387}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}$
100473	1470	814	$\frac{1}{37}$	$\frac{1}{11}$	$\frac{12}{37}$	$\frac{25}{74}$	$\Phi_{814}^3\ \Phi_{407}\ \Phi_{22}^3$
100474	1470	1469	$\frac{38}{1469}$	$\frac{139}{1469}$	$\frac{477}{1469}$	$\frac{496}{1469}$	$\Phi_{1469}\ \Phi_{113}\ \Phi_{13}\ \Phi_1^2$
100475	1470	1688	$\frac{4}{211}$	$\frac{1}{8}$	$\frac{69}{211}$	$\frac{71}{211}$	$\Phi_{1688}\ \Phi_{844}\ \Phi_{422}$
100476	1470	113	$\frac{2}{113}$	$\frac{15}{113}$	$\frac{37}{113}$	$\frac{38}{113}$	$\Phi_{113}^{13}\ \Phi_1^{14}$
100477	1470	1770	$\frac{4}{295}$	$\frac{1}{6}$	$\frac{97}{295}$	$\frac{99}{295}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{590}\ \Phi_{354}\ \Phi_{177}\ \Phi_{118}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
100478	1470	1104	$\frac{1}{184}$	$\frac{61}{184}$	$\frac{1}{3}$	$\frac{123}{368}$	$\Phi_{1104}^3\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{48}^3\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
100479	1470	954	$\frac{1}{106}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{954}^2\ \Phi_{477}^2\ \Phi_{318}\ \Phi_{159}\ \Phi_{18}^2\ \Phi_6$
100480	1470	816	$\frac{2}{51}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{48}\ \Phi_{34}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
100481	1470	732	$\frac{1}{122}$	$\frac{1}{4}$	$\frac{121}{366}$	$\frac{1}{3}$	$\Phi_{732}^2\ \Phi_{366}\ \Phi_{244}^4\ \Phi_{183}\ \Phi_{122}^2\ \Phi_{61}^2\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
100482	1470	1881	$\frac{2}{209}$	$\frac{2}{9}$	$\frac{69}{209}$	$\frac{1}{3}$	$\Phi_{1881}\ \Phi_{209}\ \Phi_{171}\ \Phi_{99}\ \Phi_{19}\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
100483	1470	438	$\frac{1}{73}$	$\frac{1}{6}$	$\frac{24}{73}$	$\frac{1}{3}$	$\Phi_{438}^4\ \Phi_{219}^2\ \Phi_{146}^4\ \Phi_{73}^4\ \Phi_6^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
100484	1470	2208	$\frac{13}{736}$	$\frac{99}{736}$	$\frac{241}{736}$	$\frac{1}{3}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}\ \Phi_{69}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
100485	1470	312	$\frac{1}{52}$	$\frac{1}{8}$	$\frac{17}{52}$	$\frac{1}{3}$	$\Phi_{312}^8\ \Phi_{156}^6\ \Phi_{78}^6\ \Phi_{39}^6\ \Phi_{24}^9\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
100486	1470	276	$\frac{1}{46}$	$\frac{31}{276}$	$\frac{15}{46}$	$\frac{1}{3}$	$\Phi_{276}^6\ \Phi_{138}^4\ \Phi_{92}^6\ \Phi_{69}^4\ \Phi_{46}^6\ \Phi_{23}^6\ \Phi_{12}^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
100487	1470	2208	$\frac{19}{736}$	$\frac{71}{736}$	$\frac{239}{736}$	$\frac{1}{3}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}\ \Phi_{69}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
100488	1470	144	$\frac{1}{24}$	$\frac{1}{16}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{144}^{16}\ \Phi_{72}^{14}\ \Phi_{48}\ \Phi_{36}^{14}\ \Phi_{24}\ \Phi_{18}^{14}\ \Phi_{12}\ \Phi_9^{14}\ \Phi_6$
100489	1470	1122	$\frac{1}{22}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{374}^2\ \Phi_{187}^2\ \Phi_{102}\ \Phi_{66}^2\ \Phi_{34}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_2^2$
100490	1470	768	$\frac{11}{256}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{768}^3\ \Phi_{384}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
100491	1470	1479	$\frac{2}{51}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{1479}\ \Phi_{493}\ \Phi_{51}^2\ \Phi_{29}\ \Phi_{17}^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
100492	1470	1056	$\frac{1}{32}$	$\frac{31}{352}$	$\frac{107}{352}$	$\frac{1}{3}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{96}^3\ \Phi_{66}^2\ \Phi_{48}^3\ \Phi_{33}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{3}^2$
100493	1470	180	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^8\ \Phi_{45}^8\ \Phi_{36}^{10}\ \Phi_{30}^6\ \Phi_{20}^8\ \Phi_{18}^{10}\ \Phi_{15}^6\ \Phi_{12}^{10}\ \Phi_{10}^8\ \Phi_{9}^{10}\ \Phi_{6}^8\ \Phi_{5}^8\ \Phi_{4}^{10}\ \Phi_{3}^7\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
100494	1470	2208	$\frac{15}{736}$	$\frac{103}{736}$	$\frac{211}{736}$	$\frac{1}{3}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}\ \Phi_{69}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
100495	1470	1050	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{210}^2\ \Phi_{150}^3\ \Phi_{105}^2\ \Phi_{75}^3\ \Phi_{42}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{6}^3$
100496	1470	2208	$\frac{11}{736}$	$\frac{145}{736}$	$\frac{197}{736}$	$\frac{1}{3}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}\ \Phi_{69}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
100497	1470	744	$\frac{3}{248}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{744}^3\ \Phi_{372}^3\ \Phi_{186}^3\ \Phi_{93}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_{6}$
100498	1470	2928	$\frac{3}{244}$	$\frac{241}{976}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2928}\ \Phi_{1464}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
100499	1470	2556	$\frac{1}{71}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2556}\ \Phi_{1278}\ \Phi_{284}\ \Phi_{142}$
100500	1470	732	$\frac{1}{61}$	$\frac{12}{61}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{732}^4\ \Phi_{366}^4\ \Phi_{12}^5\ \Phi_{6}^5$
100501	1470	300	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^6\ \Phi_{150}^3\ \Phi_{100}^8\ \Phi_{75}^3\ \Phi_{60}^6\ \Phi_{50}^4\ \Phi_{30}^3\ \Phi_{25}^4\ \Phi_{20}^8\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_{6}^2\ \Phi_{5}^4\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
100502	1470	732	$\frac{3}{122}$	$\frac{17}{122}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{732}^4\ \Phi_{366}^2\ \Phi_{183}^2\ \Phi_{12}^5\ \Phi_{6}^3\ \Phi_{3}^2$
100503	1470	72	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{72}^{24}\ \Phi_{36}^{18}\ \Phi_{24}^{21}\ \Phi_{18}^{18}\ \Phi_{12}^{16}\ \Phi_{9}^{18}\ \Phi_{8}^{24}\ \Phi_{6}^{16}\ \Phi_{4}^{18}\ \Phi_{3}^{15}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
100504	1470	2244	$\frac{2}{51}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{374}\ \Phi_{44}\ \Phi_{22}$
100505	1470	624	$\frac{3}{52}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{624}^4\ \Phi_{312}^4\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{48}\ \Phi_{39}^3\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
100506	1470	2268	$\frac{2}{81}$	$\frac{1}{7}$	$\frac{79}{324}$	$\frac{1}{3}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
100507	1470	138	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{11}{46}$	$\frac{1}{3}$	$\Phi_{138}^{21}\ \Phi_{69}^{11}\ \Phi_{6}^{21}\ \Phi_{3}^{10}$
100508	1470	192	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{192}^{15}\ \Phi_{96}^{15}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
100509	1470	1881	$\frac{4}{209}$	$\frac{41}{209}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1881}\ \Phi_{209}\ \Phi_{171}\ \Phi_{99}\ \Phi_{19}\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{1}^2$
100510	1470	774	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{774}^3\ \Phi_{387}^2\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}$
100511	1470	1881	$\frac{5}{209}$	$\frac{34}{209}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1881}\ \Phi_{209}\ \Phi_{171}\ \Phi_{99}\ \Phi_{19}\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{1}^2$
100512	1470	252	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{252}^7\ \Phi_{126}^7\ \Phi_{84}^7\ \Phi_{63}^6\ \Phi_{42}^7\ \Phi_{28}^7\ \Phi_{21}^7\ \Phi_{14}^7\ \Phi_{7}^6$
100513	1470	1881	$\frac{6}{209}$	$\frac{29}{209}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1881}\ \Phi_{209}\ \Phi_{171}\ \Phi_{99}\ \Phi_{19}\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{1}^2$
100514	1470	2232	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{558}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}$
100515	1470	1881	$\frac{9}{209}$	$\frac{20}{209}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1881}\ \Phi_{209}\ \Phi_{171}\ \Phi_{99}\ \Phi_{19}\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{1}^2$
100516	1470	198	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{198}^{10}\ \Phi_{99}^9\ \Phi_{22}^{10}\ \Phi_{18}^{10}\ \Phi_{11}^9\ \Phi_{9}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
100517	1470	342	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{342}^6\ \Phi_{171}^5\ \Phi_{38}^6\ \Phi_{19}^5\ \Phi_{18}^6\ \Phi_{9}^6\ \Phi_{2}^6\ \Phi_{1}^6$
100518	1470	1881	$\frac{13}{209}$	$\frac{14}{209}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1881}\ \Phi_{209}\ \Phi_{171}\ \Phi_{99}\ \Phi_{19}\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{1}^2$
100519	1470	720	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}\ \Phi_{180}^3\ \Phi_{144}^2\ \Phi_{120}\ \Phi_{90}^3\ \Phi_{80}\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
100520	1470	552	$\frac{1}{46}$	$\frac{9}{46}$	$\frac{37}{184}$	$\frac{1}{3}$	$\Phi_{552}^5\ \Phi_{276}^5\ \Phi_{138}\ \Phi_{69}\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_{6}$
100521	1470	900	$\frac{1}{36}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{36}^2\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
100522	1470	312	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{5}{26}$	$\frac{1}{3}$	$\Phi_{312}^8\ \Phi_{156}^8\ \Phi_{78}^4\ \Phi_{39}^4\ \Phi_{24}^9\ \Phi_{12}^9\ \Phi_{6}^5\ \Phi_{3}^4$
100523	1470	2208	$\frac{31}{736}$	$\frac{85}{736}$	$\frac{141}{736}$	$\frac{1}{3}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}\ \Phi_{69}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
100524	1470	480	$\frac{1}{16}$	$\frac{13}{160}$	$\frac{3}{16}$	$\frac{1}{3}$	$\Phi_{480}^5\ \Phi_{240}^5\ \Phi_{120}^5\ \Phi_{96}^5\ \Phi_{60}^5\ \Phi_{48}\ \Phi_{30}^5\ \Phi_{24}\ \Phi_{15}^5\ \Phi_{12}\ \Phi_{6}$
100525	1470	240	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{80}^8\ \Phi_{60}^6\ \Phi_{48}\ \Phi_{40}^8\ \Phi_{30}^6\ \Phi_{24}\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{12}\ \Phi_{10}^6\ \Phi_{6}\ \Phi_{5}^6$
100526	1470	1122	$\frac{1}{22}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{1122}^2\ \Phi_{561}^2\ \Phi_{102}^2\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{6}^3$
100527	1470	2208	$\frac{29}{736}$	$\frac{101}{736}$	$\frac{127}{736}$	$\frac{1}{3}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}\ \Phi_{69}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
100528	1470	1479	$\frac{2}{51}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{1479}\ \Phi_{493}\ \Phi_{51}^2\ \Phi_{29}\ \Phi_{17}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
100529	1470	714	$\frac{2}{51}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{714}^{3}\,\Phi_{357}^{2}\,\Phi_{238}^{3}\,\Phi_{119}^{2}\,\Phi_{42}\,\Phi_{21}\,\Phi_{14}$
100530	1470	438	$\frac{3}{73}$	$\frac{10}{73}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{438}^{4}\,\Phi_{219}^{2}\,\Phi_{146}^{4}\,\Phi_{73}^{4}\,\Phi_{6}^{6}\,\Phi_{3}^{3}\,\Phi_{2}^{6}\,\Phi_{1}^{6}$
100531	1470	264	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{264}^{6}\,\Phi_{132}^{6}\,\Phi_{88}^{8}\,\Phi_{66}^{3}\,\Phi_{44}^{8}\,\Phi_{33}^{3}\,\Phi_{24}^{3}\,\Phi_{22}^{4}\,\Phi_{12}^{3}\,\Phi_{11}^{4}\,\Phi_{8}^{4}\,\Phi_{6}^{2}\,\Phi_{4}^{4}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
100532	1470	432	$\frac{1}{16}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{432}^{4}\,\Phi_{216}^{4}\,\Phi_{144}^{4}\,\Phi_{108}^{4}\,\Phi_{72}^{4}\,\Phi_{54}^{2}\,\Phi_{48}\,\Phi_{36}^{4}\,\Phi_{27}^{2}\,\Phi_{24}\,\Phi_{18}^{2}\,\Phi_{12}\,\Phi_{9}^{2}\,\Phi_{6}$
100533	1470	288	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{43}{288}$	$\frac{1}{3}$	$\Phi_{288}^{6}\,\Phi_{144}^{6}\,\Phi_{96}^{6}\,\Phi_{72}^{6}\,\Phi_{48}\,\Phi_{36}^{6}\,\Phi_{32}^{6}\,\Phi_{24}\,\Phi_{18}^{6}\,\Phi_{12}\,\Phi_{9}^{6}\,\Phi_{6}$
100534	1470	378	$\frac{2}{27}$	$\frac{5}{54}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{378}^{5}\,\Phi_{189}^{4}\,\Phi_{126}^{5}\,\Phi_{63}^{4}\,\Phi_{42}^{5}\,\Phi_{21}^{5}\,\Phi_{14}^{5}\,\Phi_{7}^{4}$
100535	1470	312	$\frac{3}{52}$	$\frac{1}{8}$	$\frac{7}{52}$	$\frac{1}{3}$	$\Phi_{312}^{8}\,\Phi_{156}^{6}\,\Phi_{78}^{6}\,\Phi_{39}^{6}\,\Phi_{24}^{9}\,\Phi_{12}^{7}\,\Phi_{6}^{7}\,\Phi_{3}^{6}$
100536	1470	2208	$\frac{43}{736}$	$\frac{91}{736}$	$\frac{99}{736}$	$\frac{1}{3}$	$\Phi_{2208}\,\Phi_{1104}\,\Phi_{552}\,\Phi_{276}\,\Phi_{138}\,\Phi_{96}\,\Phi_{69}\,\Phi_{48}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}$
100537	1470	48	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{48}^{49}\,\Phi_{24}^{43}\,\Phi_{12}^{43}\,\Phi_{6}^{43}\,\Phi_{3}^{42}$
100538	1470	2496	$\frac{7}{104}$	$\frac{97}{832}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{2496}\,\Phi_{1248}\,\Phi_{624}\,\Phi_{192}\,\Phi_{96}\,\Phi_{48}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}$
100539	1470	312	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{312}^{5}\,\Phi_{156}^{5}\,\Phi_{104}^{6}\,\Phi_{78}^{5}\,\Phi_{52}^{6}\,\Phi_{26}^{6}\,\Phi_{24}^{6}\,\Phi_{12}^{6}\,\Phi_{8}^{6}\,\Phi_{6}^{6}\,\Phi_{4}^{6}\,\Phi_{2}^{6}$
100540	1470	339	$\frac{2}{113}$	$\frac{19}{113}$	$\frac{94}{339}$	$\frac{37}{113}$	$\Phi_{339}^{6}\,\Phi_{113}\,\Phi_{3}^{6}\,\Phi_{1}^{2}$
100541	1470	870	$\frac{4}{145}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{47}{145}$	$\Phi_{870}^{2}\,\Phi_{435}^{2}\,\Phi_{290}^{2}\,\Phi_{174}^{2}\,\Phi_{87}^{2}\,\Phi_{58}^{2}\,\Phi_{30}^{3}\,\Phi_{15}^{3}\,\Phi_{10}^{3}\,\Phi_{6}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}$
100542	1470	2088	$\frac{1}{24}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{23}{72}$	$\Phi_{2088}\,\Phi_{1044}\,\Phi_{522}\,\Phi_{261}\,\Phi_{72}^{2}\,\Phi_{36}^{2}\,\Phi_{29}\,\Phi_{18}^{2}\,\Phi_{9}^{2}\,\Phi_{1}^{2}$
100543	1470	792	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{23}{72}$	$\Phi_{792}^{3}\,\Phi_{396}^{3}\,\Phi_{198}^{3}\,\Phi_{99}^{3}\,\Phi_{44}\,\Phi_{22}$
100544	1470	2088	$\frac{1}{24}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{23}{72}$	$\Phi_{2088}\,\Phi_{1044}\,\Phi_{522}\,\Phi_{261}\,\Phi_{72}^{2}\,\Phi_{36}^{2}\,\Phi_{29}\,\Phi_{18}^{2}\,\Phi_{9}^{2}\,\Phi_{1}^{2}$
100545	1470	504	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{23}{72}$	$\Phi_{504}^{5}\,\Phi_{252}^{5}\,\Phi_{126}^{5}\,\Phi_{63}^{5}\,\Phi_{42}\,\Phi_{21}\,\Phi_{14}$
100546	1470	2091	$\frac{2}{41}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{13}{41}$	$\Phi_{2091}\,\Phi_{123}\,\Phi_{51}^{2}\,\Phi_{41}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
100547	1470	697	$\frac{2}{41}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{13}{41}$	$\Phi_{697}^{2}\,\Phi_{41}^{3}\,\Phi_{17}^{4}\,\Phi_{1}^{6}$
100548	1470	984	$\frac{2}{41}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{13}{41}$	$\Phi_{984}^{2}\,\Phi_{492}^{2}\,\Phi_{328}\,\Phi_{246}\,\Phi_{164}\,\Phi_{123}\,\Phi_{41}\,\Phi_{24}^{4}\,\Phi_{12}^{4}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
100549	1470	1469	$\frac{86}{1469}$	$\frac{144}{1469}$	$\frac{265}{1469}$	$\frac{461}{1469}$	$\Phi_{1469}\,\Phi_{113}\,\Phi_{13}\,\Phi_{1}^{2}$
100550	1470	1020	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{1020}^{2}\,\Phi_{510}^{2}\,\Phi_{340}^{2}\,\Phi_{204}\,\Phi_{170}^{2}\,\Phi_{102}\,\Phi_{68}^{2}\,\Phi_{60}^{3}\,\Phi_{34}^{2}\,\Phi_{30}^{3}\,\Phi_{20}^{3}\,\Phi_{12}^{2}\,\Phi_{10}^{3}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}$
100551	1470	2091	$\frac{1}{17}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{16}{51}$	$\Phi_{2091}\,\Phi_{123}\,\Phi_{51}^{2}\,\Phi_{41}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
100552	1470	2856	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{16}{51}$	$\Phi_{2856}\,\Phi_{1428}\,\Phi_{714}\,\Phi_{168}\,\Phi_{84}\,\Phi_{56}\,\Phi_{42}\,\Phi_{28}\,\Phi_{14}$
100553	1470	1688	$\frac{13}{211}$	$\frac{1}{8}$	$\frac{29}{211}$	$\frac{66}{211}$	$\Phi_{1688}\,\Phi_{844}\,\Phi_{422}$
100554	1470	1469	$\frac{92}{1469}$	$\frac{181}{1469}$	$\frac{202}{1469}$	$\frac{459}{1469}$	$\Phi_{1469}\,\Phi_{113}\,\Phi_{13}\,\Phi_{1}^{2}$
100555	1470	1770	$\frac{19}{295}$	$\frac{29}{295}$	$\frac{1}{6}$	$\frac{92}{295}$	$\Phi_{1770}\,\Phi_{885}\,\Phi_{590}\,\Phi_{354}\,\Phi_{177}\,\Phi_{118}\,\Phi_{30}\,\Phi_{15}\,\Phi_{10}$
100556	1470	1508	$\frac{3}{52}$	$\frac{2}{29}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{1508}\,\Phi_{754}\,\Phi_{377}\,\Phi_{52}^{2}\,\Phi_{29}\,\Phi_{26}^{2}\,\Phi_{13}^{2}\,\Phi_{1}^{2}$
100557	1470	1856	$\frac{1}{16}$	$\frac{2}{29}$	$\frac{15}{64}$	$\frac{9}{29}$	$\Phi_{1856}\,\Phi_{928}\,\Phi_{64}^{2}\,\Phi_{32}^{2}\,\Phi_{29}\,\Phi_{1}^{2}$
100558	1470	1740	$\frac{2}{29}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{9}{29}$	$\Phi_{1740}\,\Phi_{870}\,\Phi_{580}\,\Phi_{435}\,\Phi_{290}\,\Phi_{145}\,\Phi_{60}^{2}\,\Phi_{30}^{2}\,\Phi_{29}\,\Phi_{20}^{2}\,\Phi_{15}^{2}\,\Phi_{10}^{2}\,\Phi_{5}^{2}\,\Phi_{1}^{2}$
100559	1470	1566	$\frac{2}{29}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{9}{29}$	$\Phi_{1566}\,\Phi_{783}\,\Phi_{522}\,\Phi_{261}\,\Phi_{54}^{2}\,\Phi_{29}\,\Phi_{27}^{2}\,\Phi_{18}^{2}\,\Phi_{9}^{2}\,\Phi_{1}^{2}$
100560	1470	232	$\frac{2}{29}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{9}{29}$	$\Phi_{232}^{6}\,\Phi_{116}^{6}\,\Phi_{58}^{6}\,\Phi_{29}^{7}\,\Phi_{8}^{12}\,\Phi_{4}^{12}\,\Phi_{2}^{12}\,\Phi_{1}^{14}$
100561	1470	52	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{52}^{30}\,\Phi_{26}^{30}\,\Phi_{13}^{23}\,\Phi_{4}^{30}\,\Phi_{2}^{30}\,\Phi_{1}^{24}$
100562	1470	1469	$\frac{128}{1469}$	$\frac{146}{1469}$	$\frac{189}{1469}$	$\frac{447}{1469}$	$\Phi_{1469}\,\Phi_{113}\,\Phi_{13}\,\Phi_{1}^{2}$
100563	1470	1688	$\frac{19}{211}$	$\frac{21}{211}$	$\frac{1}{8}$	$\frac{64}{211}$	$\Phi_{1688}\,\Phi_{844}\,\Phi_{422}$
100564	1470	351	$\frac{1}{13}$	$\frac{11}{117}$	$\frac{2}{13}$	$\frac{106}{351}$	$\Phi_{351}^{6}\,\Phi_{27}^{6}\,\Phi_{13}^{5}\,\Phi_{1}^{6}$
100565	1470	230	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{11}{46}$	$\frac{3}{10}$	$\Phi_{230}^{6}\,\Phi_{115}^{6}\,\Phi_{46}^{8}\,\Phi_{23}^{7}\,\Phi_{10}^{8}\,\Phi_{5}^{8}\,\Phi_{2}^{10}\,\Phi_{1}^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
100566	1470	690	$\frac{4}{69}$	$\frac{1}{10}$	$\frac{13}{69}$	$\frac{3}{10}$	$\Phi_{690}^{2}\ \Phi_{345}^{2}\ \Phi_{230}^{2}\ \Phi_{138}^{2}\ \Phi_{115}^{2}\ \Phi_{69}^{3}\ \Phi_{46}^{2}\ \Phi_{30}^{2}\ \Phi_{23}^{3}\ \Phi_{15}^{2}\ \Phi_{10}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
100567	1470	30	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{30}^{49}\ \Phi_{15}^{48}\ \Phi_{10}^{51}\ \Phi_{6}^{48}\ \Phi_{5}^{50}\ \Phi_{3}^{47}\ \Phi_{2}^{50}\ \Phi_{1}^{50}$
100568	1470	230	$\frac{2}{23}$	$\frac{1}{10}$	$\frac{3}{23}$	$\frac{3}{10}$	$\Phi_{230}^{6}\ \Phi_{115}^{6}\ \Phi_{46}^{6}\ \Phi_{23}^{9}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
100569	1470	440	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{10}$	$\Phi_{440}^{4}\ \Phi_{220}^{4}\ \Phi_{110}^{2}\ \Phi_{88}^{5}\ \Phi_{55}^{2}\ \Phi_{44}^{5}\ \Phi_{22}^{3}\ \Phi_{11}^{2}$
100570	1470	1469	$\frac{74}{1469}$	$\frac{170}{1469}$	$\frac{279}{1469}$	$\frac{433}{1469}$	$\Phi_{1469}\ \Phi_{113}\ \Phi_{13}\ \Phi_{1}^{2}$
100571	1470	1590	$\frac{1}{15}$	$\frac{13}{106}$	$\frac{15}{106}$	$\frac{31}{106}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{530}\ \Phi_{318}\ \Phi_{265}\ \Phi_{159}\ \Phi_{30}\ \Phi_{10}\ \Phi_{6}$
100572	1470	113	$\frac{8}{113}$	$\frac{14}{113}$	$\frac{15}{113}$	$\frac{33}{113}$	$\Phi_{113}^{13}\ \Phi_{1}^{14}$
100573	1470	1628	$\frac{1}{11}$	$\frac{15}{148}$	$\frac{19}{148}$	$\frac{43}{148}$	$\Phi_{1628}\ \Phi_{814}\ \Phi_{407}\ \Phi_{44}\ \Phi_{22}$
100574	1470	1469	$\frac{132}{1469}$	$\frac{149}{1469}$	$\frac{191}{1469}$	$\frac{426}{1469}$	$\Phi_{1469}\ \Phi_{113}\ \Phi_{13}\ \Phi_{1}^{2}$
100575	1470	1688	$\frac{15}{211}$	$\frac{1}{8}$	$\frac{28}{211}$	$\frac{61}{211}$	$\Phi_{1688}\ \Phi_{844}\ \Phi_{422}$
100576	1470	1469	$\frac{90}{1469}$	$\frac{197}{1469}$	$\frac{209}{1469}$	$\frac{424}{1469}$	$\Phi_{1469}\ \Phi_{113}\ \Phi_{13}\ \Phi_{1}^{2}$
100577	1470	354	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{1}{6}$	$\frac{17}{59}$	$\Phi_{354}^{5}\ \Phi_{177}^{5}\ \Phi_{118}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
100578	1470	679	$\frac{6}{97}$	$\frac{13}{97}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{679}^{2}\ \Phi_{97}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
100579	1470	840	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{140}^{2}\ \Phi_{120}^{3}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{3}\ \Phi_{42}^{2}\ \Phi_{40}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}$
100580	1470	39	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{2}{13}$	$\frac{11}{39}$	$\Phi_{39}^{36}\ \Phi_{13}^{41}\ \Phi_{3}^{36}\ \Phi_{1}^{42}$
100581	1470	339	$\frac{5}{113}$	$\frac{18}{113}$	$\frac{19}{113}$	$\frac{94}{339}$	$\Phi_{339}^{6}\ \Phi_{113}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
100582	1470	1469	$\frac{76}{1469}$	$\frac{199}{1469}$	$\frac{254}{1469}$	$\frac{405}{1469}$	$\Phi_{1469}\ \Phi_{113}\ \Phi_{13}\ \Phi_{1}^{2}$
100583	1470	2160	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{135}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
100584	1470	1590	$\frac{1}{15}$	$\frac{11}{106}$	$\frac{19}{106}$	$\frac{29}{106}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{530}\ \Phi_{318}\ \Phi_{265}\ \Phi_{159}\ \Phi_{30}\ \Phi_{10}\ \Phi_{6}$
100585	1470	1469	$\frac{94}{1469}$	$\frac{153}{1469}$	$\frac{275}{1469}$	$\frac{398}{1469}$	$\Phi_{1469}\ \Phi_{113}\ \Phi_{13}\ \Phi_{1}^{2}$
100586	1470	2064	$\frac{1}{43}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}$
100587	1470	1688	$\frac{11}{211}$	$\frac{1}{8}$	$\frac{40}{211}$	$\frac{57}{211}$	$\Phi_{1688}\ \Phi_{844}\ \Phi_{422}$
100588	1470	1860	$\frac{1}{31}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{372}\ \Phi_{310}\ \Phi_{186}\ \Phi_{155}\ \Phi_{124}\ \Phi_{62}$
100589	1470	528	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{528}^{4}\ \Phi_{264}^{4}\ \Phi_{176}\ \Phi_{132}^{4}\ \Phi_{88}\ \Phi_{66}^{2}\ \Phi_{48}^{4}\ \Phi_{44}\ \Phi_{33}^{2}\ \Phi_{24}^{4}\ \Phi_{22}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
100590	1470	572	$\frac{3}{52}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{572}^{3}\ \Phi_{286}^{3}\ \Phi_{143}^{3}\ \Phi_{44}\ \Phi_{22}$
100591	1470	184	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{11}{46}$	$\frac{1}{4}$	$\Phi_{184}^{9}\ \Phi_{92}^{6}\ \Phi_{46}^{8}\ \Phi_{23}^{7}\ \Phi_{8}^{12}\ \Phi_{4}^{8}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
100592	1470	704	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{15}{64}$	$\frac{1}{4}$	$\Phi_{704}^{3}\ \Phi_{352}^{3}\ \Phi_{44}\ \Phi_{22}$
100593	1470	552	$\frac{4}{69}$	$\frac{1}{8}$	$\frac{13}{69}$	$\frac{1}{4}$	$\Phi_{552}^{3}\ \Phi_{276}^{2}\ \Phi_{184}^{3}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{69}^{3}\ \Phi_{46}^{2}\ \Phi_{24}^{3}\ \Phi_{23}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{6}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
100594	1470	1760	$\frac{13}{160}$	$\frac{1}{11}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
100595	1470	1964	$\frac{31}{491}$	$\frac{57}{491}$	$\frac{92}{491}$	$\frac{1}{4}$	$\Phi_{1964}\ \Phi_{982}$
100596	1470	660	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{60}$	$\frac{1}{4}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{220}^{3}\ \Phi_{165}^{3}\ \Phi_{110}^{3}\ \Phi_{55}^{3}\ \Phi_{44}\ \Phi_{22}$
100597	1470	1020	$\frac{1}{15}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{340}^{2}\ \Phi_{204}^{2}\ \Phi_{170}^{2}\ \Phi_{102}^{2}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}$
100598	1470	1964	$\frac{29}{491}$	$\frac{66}{491}$	$\frac{85}{491}$	$\frac{1}{4}$	$\Phi_{1964}\ \Phi_{982}$
100599	1470	1508	$\frac{3}{52}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\Phi_{1508}\ \Phi_{754}\ \Phi_{377}\ \Phi_{52}^{2}\ \Phi_{29}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{1}^{2}$
100600	1470	1092	$\frac{3}{52}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1092}^{2}\ \Phi_{546}^{2}\ \Phi_{364}\ \Phi_{273}^{2}\ \Phi_{182}\ \Phi_{91}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
100601	1470	1164	$\frac{6}{97}$	$\frac{13}{97}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1164}^{2}\ \Phi_{582}\ \Phi_{388}\ \Phi_{291}\ \Phi_{97}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
100602	1470	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{120}^{15}\ \Phi_{60}^{10}\ \Phi_{40}^{15}\ \Phi_{30}^{13}\ \Phi_{24}^{9}\ \Phi_{20}^{10}\ \Phi_{15}^{12}\ \Phi_{12}^{6}\ \Phi_{10}^{13}\ \Phi_{8}^{12}\ \Phi_{6}^{8}\ \Phi_{5}^{12}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
100603	1470	1188	$\frac{1}{11}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1188}^{2}\ \Phi_{594}\ \Phi_{396}^{2}\ \Phi_{297}\ \Phi_{198}\ \Phi_{99}\ \Phi_{44}\ \Phi_{22}$
100604	1470	184	$\frac{2}{23}$	$\frac{1}{8}$	$\frac{3}{23}$	$\frac{1}{4}$	$\Phi_{184}^{9}\ \Phi_{92}^{6}\ \Phi_{46}^{6}\ \Phi_{23}^{9}\ \Phi_{8}^{12}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
100605	1470	1964	$\frac{43}{491}$	$\frac{61}{491}$	$\frac{64}{491}$	$\frac{1}{4}$	$\Phi_{1964}\ \Phi_{982}$
100606	1470	88	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{88}^{18}\ \Phi_{44}^{19}\ \Phi_{22}^{19}\ \Phi_{11}^{18}$
100607	1470	1150	$\frac{1}{23}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{11}{46}$	$\Phi_{1150}^{2}\ \Phi_{575}\ \Phi_{50}^{2}\ \Phi_{46}^{2}\ \Phi_{25}^{2}\ \Phi_{23}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100608	1470	1856	$\frac{1}{16}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{15}{64}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{29}\ \Phi_{1}^{2}$
100609	1470	1344	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{15}{64}$	$\Phi_{1344}^{2}\ \Phi_{672}^{2}\ \Phi_{448}\ \Phi_{224}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
100610	1470	78	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{5}{26}$	$\frac{3}{13}$	$\Phi_{78}^{26}\ \Phi_{39}^{16}\ \Phi_{26}^{18}\ \Phi_{13}^{11}\ \Phi_{6}^{26}\ \Phi_{3}^{16}\ \Phi_{2}^{18}\ \Phi_{1}^{12}$
100611	1470	113	$\frac{8}{113}$	$\frac{13}{113}$	$\frac{22}{113}$	$\frac{25}{113}$	$\Phi_{113}^{13}\ \Phi_{1}^{14}$
100612	1470	312	$\frac{1}{13}$	$\frac{11}{78}$	$\frac{2}{13}$	$\frac{67}{312}$	$\Phi_{312}^{6}\ \Phi_{156}^{6}\ \Phi_{104}^{6}\ \Phi_{52}^{6}\ \Phi_{24}^{6}\ \Phi_{13}^{5}\ \Phi_{12}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{1}^{6}$
100613	1470	1848	$\frac{19}{264}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{77}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
100614	1470	1725	$\frac{4}{69}$	$\frac{4}{25}$	$\frac{13}{69}$	$\frac{1}{5}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{75}\ \Phi_{69}\ \Phi_{25}^{2}\ \Phi_{23}\ \Phi_{3}\ \Phi_{1}^{2}$
100615	1470	150	$\frac{1}{15}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{150}^{14}\ \Phi_{75}^{9}\ \Phi_{50}^{14}\ \Phi_{30}^{3}\ \Phi_{25}^{10}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100616	1470	575	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{575}^{3}\ \Phi_{25}^{4}\ \Phi_{23}^{3}\ \Phi_{1}^{4}$
100617	1470	2200	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
100618	1470	1740	$\frac{1}{12}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{11}{60}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{290}\ \Phi_{145}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{29}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
100619	1470	420	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{11}{60}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{140}^{5}\ \Phi_{105}^{5}\ \Phi_{70}^{5}\ \Phi_{42}\ \Phi_{35}^{5}\ \Phi_{21}\ \Phi_{14}$
100620	1470	697	$\frac{2}{17}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{3}{17}$	$\Phi_{697}^{2}\ \Phi_{41}^{3}\ \Phi_{17}^{4}\ \Phi_{1}^{6}$
100621	1470	952	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{17}$	$\Phi_{952}^{2}\ \Phi_{476}^{2}\ \Phi_{238}^{2}\ \Phi_{56}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}$
100622	1470	1469	$\frac{173}{1469}$	$\frac{179}{1469}$	$\frac{216}{1469}$	$\frac{258}{1469}$	$\Phi_{1469}\ \Phi_{113}\ \Phi_{13}\ \Phi_{1}^{2}$
100623	1470	1688	$\frac{26}{211}$	$\frac{1}{8}$	$\frac{29}{211}$	$\frac{37}{211}$	$\Phi_{1688}\ \Phi_{844}\ \Phi_{422}$
100624	1470	1469	$\frac{181}{1469}$	$\frac{184}{1469}$	$\frac{202}{1469}$	$\frac{257}{1469}$	$\Phi_{1469}\ \Phi_{113}\ \Phi_{13}\ \Phi_{1}^{2}$
100625	1470	1722	$\frac{29}{246}$	$\frac{31}{246}$	$\frac{1}{7}$	$\frac{43}{246}$	$\Phi_{1722}\ \Phi_{861}\ \Phi_{574}\ \Phi_{287}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
100626	1470	1566	$\frac{5}{54}$	$\frac{4}{29}$	$\frac{1}{6}$	$\frac{5}{29}$	$\Phi_{1566}\ \Phi_{783}\ \Phi_{522}\ \Phi_{261}\ \Phi_{54}^{2}\ \Phi_{29}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
100627	1470	232	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{4}{29}$	$\frac{5}{29}$	$\Phi_{232}^{6}\ \Phi_{116}^{6}\ \Phi_{58}^{6}\ \Phi_{29}^{7}\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
100628	1470	1469	$\frac{174}{1469}$	$\frac{185}{1469}$	$\frac{214}{1469}$	$\frac{251}{1469}$	$\Phi_{1469}\ \Phi_{113}\ \Phi_{13}\ \Phi_{1}^{2}$
100629	1470	1688	$\frac{25}{211}$	$\frac{1}{8}$	$\frac{31}{211}$	$\frac{36}{211}$	$\Phi_{1688}\ \Phi_{844}\ \Phi_{422}$
100630	1470	378	$\frac{5}{54}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{378}^{5}\ \Phi_{189}^{5}\ \Phi_{126}^{5}\ \Phi_{63}^{5}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
100631	1470	2016	$\frac{5}{48}$	$\frac{1}{7}$	$\frac{43}{288}$	$\frac{1}{6}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{252}\ \Phi_{224}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
100632	1470	984	$\frac{5}{41}$	$\frac{1}{8}$	$\frac{6}{41}$	$\frac{1}{6}$	$\Phi_{984}^{2}\ \Phi_{492}^{2}\ \Phi_{328}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{41}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
100633	1470	1770	$\frac{36}{295}$	$\frac{37}{295}$	$\frac{43}{295}$	$\frac{1}{6}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{590}\ \Phi_{354}\ \Phi_{177}\ \Phi_{118}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
100634	1470	168	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{168}^{12}\ \Phi_{84}^{12}\ \Phi_{56}^{6}\ \Phi_{42}^{13}\ \Phi_{28}^{6}\ \Phi_{21}^{13}\ \Phi_{14}^{7}\ \Phi_{7}^{6}$
100635	1471	2352	$\frac{1}{294}$	$\frac{295}{1176}$	$\frac{881}{2352}$	$\frac{293}{588}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{588}\ \Phi_{336}\ \Phi_{196}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
100636	1471	2520	$\frac{1}{210}$	$\frac{211}{1260}$	$\frac{1049}{2520}$	$\frac{209}{420}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
100637	1471	2928	$\frac{7}{1464}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1457}{2928}$	$\Phi_{2928}\ \Phi_{976}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
100638	1471	2920	$\frac{11}{1460}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1449}{2920}$	$\Phi_{2920}\ \Phi_{584}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
100639	1471	2916	$\frac{13}{1458}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1445}{2916}$	$\Phi_{2916}\ \Phi_{972}\ \Phi_{324}\ \Phi_{108}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
100640	1471	1968	$\frac{5}{492}$	$\frac{1}{6}$	$\frac{497}{1968}$	$\frac{487}{984}$	$\Phi_{1968}\ \Phi_{656}\ \Phi_{492}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}\ \Phi_{48}\ \Phi_{41}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
100641	1471	2744	$\frac{1}{98}$	$\frac{99}{1372}$	$\frac{1273}{2744}$	$\frac{97}{196}$	$\Phi_{2744}\ \Phi_{392}\ \Phi_{196}\ \Phi_{56}\ \Phi_{28}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
100642	1471	2912	$\frac{15}{1456}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{1441}{2912}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{224}\ \Phi_{32}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
100643	1471	1770	$\frac{4}{295}$	$\frac{299}{1770}$	$\frac{1}{5}$	$\frac{291}{590}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{354}\ \Phi_{295}\ \Phi_{177}\ \Phi_{59}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
100644	1471	2800	$\frac{1}{70}$	$\frac{71}{1400}$	$\frac{1329}{2800}$	$\frac{69}{140}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
100645	1471	2100	$\frac{1}{70}$	$\frac{71}{700}$	$\frac{629}{2100}$	$\frac{69}{140}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
100646	1471	1680	$\frac{1}{70}$	$\frac{209}{1680}$	$\frac{71}{280}$	$\frac{69}{140}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
100647	1471	2900	$\frac{21}{1450}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1429}{2900}$	$\Phi_{2900}\ \Phi_{580}\ \Phi_{116}\ \Phi_{100}\ \Phi_{25}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
100648	1471	2880	$\frac{31}{1440}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{1409}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
100649	1471	2880	$\frac{31}{1440}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1409}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{45}\ \Phi_{9}\ \Phi_{1}$
100650	1471	2880	$\frac{31}{1440}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1409}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
100651	1471	2880	$\frac{31}{1440}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1409}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
100652	1471	2856	$\frac{1}{42}$	$\frac{43}{1428}$	$\frac{1385}{2856}$	$\frac{41}{84}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{168}\ \Phi_{136}\ \Phi_{84}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
100653	1471	1980	$\frac{14}{495}$	$\frac{1}{15}$	$\frac{509}{1980}$	$\frac{481}{990}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{99}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{20}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
100654	1471	2160	$\frac{1}{30}$	$\frac{31}{720}$	$\frac{689}{2160}$	$\frac{29}{60}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
100655	1471	1560	$\frac{1}{30}$	$\frac{89}{1560}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
100656	1471	1920	$\frac{1}{30}$	$\frac{31}{480}$	$\frac{449}{1920}$	$\frac{29}{60}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
100657	1471	1800	$\frac{1}{30}$	$\frac{31}{360}$	$\frac{329}{1800}$	$\frac{29}{60}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
100658	1471	1620	$\frac{1}{30}$	$\frac{149}{1620}$	$\frac{31}{180}$	$\frac{29}{60}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{54}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
100659	1471	1680	$\frac{1}{30}$	$\frac{209}{1680}$	$\frac{31}{240}$	$\frac{29}{60}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
100660	1471	2772	$\frac{1}{42}$	$\frac{85}{1386}$	$\frac{41}{126}$	$\frac{1301}{2772}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{132}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{44}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
100661	1471	2184	$\frac{15}{728}$	$\frac{1}{14}$	$\frac{713}{2184}$	$\frac{13}{28}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{168}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
100662	1471	1512	$\frac{41}{1512}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
100663	1471	1820	$\frac{15}{364}$	$\frac{1}{14}$	$\frac{349}{1820}$	$\frac{13}{28}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{260}\ \Phi_{140}\ \Phi_{130}\ \Phi_{70}\ \Phi_{65}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
100664	1471	1568	$\frac{97}{1568}$	$\frac{1}{14}$	$\frac{15}{112}$	$\frac{13}{28}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{224}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{32}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
100665	1471	2016	$\frac{1}{42}$	$\frac{41}{504}$	$\frac{545}{2016}$	$\frac{463}{1008}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
100666	1471	1650	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{179}{1650}$	$\frac{151}{330}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{275}\ \Phi_{165}\ \Phi_{150}\ \Phi_{75}\ \Phi_{55}\ \Phi_{50}\ \Phi_{33}\ \Phi_{25}\ \Phi_{11}\ \Phi_{1}$
100667	1471	2700	$\frac{1}{30}$	$\frac{121}{1350}$	$\frac{29}{150}$	$\frac{1229}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{180}\ \Phi_{150}\ \Phi_{108}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
100668	1471	2700	$\frac{1}{15}$	$\frac{121}{1350}$	$\frac{14}{135}$	$\frac{1229}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{100}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
100669	1471	2688	$\frac{1}{42}$	$\frac{127}{1344}$	$\frac{41}{168}$	$\frac{1217}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{168}\ \Phi_{128}\ \Phi_{84}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
100670	1471	1800	$\frac{1}{30}$	$\frac{29}{300}$	$\frac{329}{1800}$	$\frac{271}{600}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
100671	1471	1620	$\frac{1}{15}$	$\frac{149}{1620}$	$\frac{14}{135}$	$\frac{121}{270}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
100672	1471	2640	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{151}{1320}$	$\frac{1169}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{165}\ \Phi_{80}\ \Phi_{55}\ \Phi_{48}\ \Phi_{33}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
100673	1471	1512	$\frac{41}{1512}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
100674	1471	1500	$\frac{29}{1500}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}\ \Phi_{250}\ \Phi_{150}\ \Phi_{125}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
100675	1471	2196	$\frac{7}{732}$	$\frac{1}{6}$	$\frac{725}{2196}$	$\frac{5}{12}$	$\Phi_{2196}\ \Phi_{1098}\ \Phi_{549}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
100676	1471	1488	$\frac{17}{1488}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}\ \Phi_{372}\ \Phi_{248}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{48}\ \Phi_{31}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
100677	1471	2520	$\frac{1}{105}$	$\frac{211}{1260}$	$\frac{104}{315}$	$\frac{1049}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
100678	1471	2520	$\frac{1}{42}$	$\frac{41}{252}$	$\frac{211}{1260}$	$\frac{1049}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{40}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
100679	1471	2460	$\frac{5}{246}$	$\frac{1}{6}$	$\frac{241}{1230}$	$\frac{989}{2460}$	$\Phi_{2460}\ \Phi_{820}\ \Phi_{492}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}\ \Phi_{60}\ \Phi_{41}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
100680	1471	2100	$\frac{1}{105}$	$\frac{104}{525}$	$\frac{629}{2100}$	$\frac{421}{1050}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
100681	1471	1520	$\frac{49}{1520}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{304}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{76}\ \Phi_{40}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
100682	1471	2400	$\frac{1}{30}$	$\frac{29}{300}$	$\frac{271}{1200}$	$\frac{929}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{300}\ \Phi_{160}\ \Phi_{150}\ \Phi_{100}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
100683	1471	1680	$\frac{1}{42}$	$\frac{209}{1680}$	$\frac{41}{168}$	$\frac{127}{336}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
100684	1471	2360	$\frac{4}{295}$	$\frac{1}{5}$	$\frac{291}{1180}$	$\frac{889}{2360}$	$\Phi_{2360}\ \Phi_{472}\ \Phi_{295}\ \Phi_{59}\ \Phi_{40}\ \Phi_{8}\ \Phi_{1}$
100685	1471	2352	$\frac{1}{98}$	$\frac{97}{392}$	$\frac{295}{1176}$	$\frac{881}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{392}\ \Phi_{336}\ \Phi_{196}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
100686	1471	2268	$\frac{1}{42}$	$\frac{41}{378}$	$\frac{337}{1134}$	$\frac{797}{2268}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{378}\ \Phi_{324}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{54}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
100687	1471	1530	$\frac{59}{1530}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}\ \Phi_{255}\ \Phi_{170}\ \Phi_{153}\ \Phi_{102}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}\ \Phi_{34}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
100688	1471	2220	$\frac{9}{370}$	$\frac{1}{10}$	$\frac{361}{1110}$	$\frac{749}{2220}$	$\Phi_{2220}\ \Phi_{740}\ \Phi_{444}\ \Phi_{370}\ \Phi_{185}\ \Phi_{148}\ \Phi_{74}\ \Phi_{60}\ \Phi_{37}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
100689	1471	1890	$\frac{1}{105}$	$\frac{419}{1890}$	$\frac{104}{315}$	$\frac{211}{630}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{63}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
100690	1471	2175	$\frac{21}{725}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{704}{2175}$	$\Phi_{2175}\ \Phi_{435}\ \Phi_{87}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
100691	1471	2160	$\frac{31}{720}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{689}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
100692	1471	2160	$\frac{31}{720}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{689}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
100693	1471	2160	$\frac{31}{720}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{689}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
100694	1471	1800	$\frac{1}{15}$	$\frac{31}{360}$	$\frac{329}{1800}$	$\frac{14}{45}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{25}\ \Phi_{9}\ \Phi_{1}$
100695	1471	1620	$\frac{1}{15}$	$\frac{149}{1620}$	$\frac{31}{180}$	$\frac{14}{45}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
100696	1471	1944	$\frac{13}{486}$	$\frac{1}{6}$	$\frac{473}{1944}$	$\frac{5}{18}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
100697	1471	1512	$\frac{41}{1512}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
100698	1471	1620	$\frac{13}{162}$	$\frac{149}{1620}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
100699	1471	2025	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{121}{675}$	$\frac{554}{2025}$	$\Phi_{2025}\ \Phi_{405}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
100700	1471	2016	$\frac{1}{42}$	$\frac{127}{672}$	$\frac{41}{168}$	$\frac{545}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
100701	1471	1800	$\frac{1}{30}$	$\frac{329}{1800}$	$\frac{29}{150}$	$\frac{121}{450}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
100702	1471	1560	$\frac{89}{1560}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
100703	1471	1980	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{151}{660}$	$\frac{509}{1980}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
100704	1471	1920	$\frac{31}{480}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{449}{1920}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
100705	1471	1600	$\frac{129}{1600}$	$\frac{1}{10}$	$\frac{31}{160}$	$\frac{9}{40}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
100706	1471	1800	$\frac{31}{360}$	$\frac{1}{10}$	$\frac{329}{1800}$	$\frac{9}{40}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
100707	1471	1680	$\frac{1}{10}$	$\frac{209}{1680}$	$\frac{31}{240}$	$\frac{9}{40}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
100708	1471	1584	$\frac{113}{1584}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{144}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
100709	1471	1800	$\frac{31}{360}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{329}{1800}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{36}\ \Phi_{25}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
100710	1471	1620	$\frac{149}{1620}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{180}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
100711	1471	1728	$\frac{31}{288}$	$\frac{5}{36}$	$\frac{257}{1728}$	$\frac{1}{6}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
100712	1472	1101	$\frac{1}{367}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{183}{367}$	$\Phi_{1101}\ \Phi_{367}^2\ \Phi_{3}^2\ \Phi_{1}^4$
100713	1472	1471	$\frac{5}{1471}$	$\frac{369}{1471}$	$\frac{551}{1471}$	$\frac{733}{1471}$	$\Phi_{1471}\ \Phi_{1}^2$
100714	1472	2211	$\frac{3}{737}$	$\frac{185}{737}$	$\frac{1}{3}$	$\frac{367}{737}$	$\Phi_{2211}\ \Phi_{201}\ \Phi_{33}$
100715	1472	1281	$\frac{1}{183}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{91}{183}$	$\Phi_{1281}\ \Phi_{427}\ \Phi_{183}^2\ \Phi_{61}^2\ \Phi_{21}\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
100716	1472	915	$\frac{1}{183}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{91}{183}$	$\Phi_{915}^2\ \Phi_{305}^2\ \Phi_{15}^3\ \Phi_{5}^2$
100717	1472	1471	$\frac{9}{1471}$	$\frac{185}{1471}$	$\frac{643}{1471}$	$\frac{731}{1471}$	$\Phi_{1471}\ \Phi_{1}^2$
100718	1472	615	$\frac{1}{123}$	$\frac{1}{5}$	$\frac{31}{123}$	$\frac{61}{123}$	$\Phi_{615}^3\ \Phi_{205}^3\ \Phi_{15}^3\ \Phi_{5}^2$
100719	1472	1471	$\frac{13}{1471}$	$\frac{275}{1471}$	$\frac{371}{1471}$	$\frac{729}{1471}$	$\Phi_{1471}\ \Phi_{1}^2$
100720	1472	2211	$\frac{7}{737}$	$\frac{93}{737}$	$\frac{1}{3}$	$\frac{365}{737}$	$\Phi_{2211}\ \Phi_{201}\ \Phi_{33}$
100721	1472	1365	$\frac{1}{91}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{45}{91}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}^2\ \Phi_{65}\ \Phi_{39}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
100722	1472	819	$\frac{1}{91}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{45}{91}$	$\Phi_{819}^2\ \Phi_{273}\ \Phi_{117}^2\ \Phi_{91}^2\ \Phi_{63}^2\ \Phi_{39}\ \Phi_{21}\ \Phi_{13}^2\ \Phi_{9}^4\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
100723	1472	455	$\frac{1}{91}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{45}{91}$	$\Phi_{455}^3\ \Phi_{91}^4\ \Phi_{65}^3\ \Phi_{35}^3\ \Phi_{13}^4\ \Phi_{7}^4\ \Phi_{5}^6\ \Phi_{1}^8$
100724	1472	1471	$\frac{17}{1471}$	$\frac{93}{1471}$	$\frac{689}{1471}$	$\frac{727}{1471}$	$\Phi_{1471}\ \Phi_{1}^2$
100725	1472	363	$\frac{5}{363}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{179}{363}$	$\Phi_{363}^4\ \Phi_{121}^4\ \Phi_{33}^5\ \Phi_{11}^4\ \Phi_{3}^4\ \Phi_{1}^4$
100726	1472	201	$\frac{1}{67}$	$\frac{17}{201}$	$\frac{1}{3}$	$\frac{33}{67}$	$\Phi_{201}^7\ \Phi_{67}^8\ \Phi_{3}^6\ \Phi_{1}^8$
100727	1472	2772	$\frac{1}{63}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{31}{63}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{132}\ \Phi_{84}\ \Phi_{63}\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
100728	1472	693	$\frac{1}{63}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{31}{63}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}^2\ \Phi_{77}^2\ \Phi_{63}^3\ \Phi_{33}^3\ \Phi_{21}^3\ \Phi_{11}^2\ \Phi_{9}^3\ \Phi_{7}^3\ \Phi_{3}^4\ \Phi_{1}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
100729	1472	1665	$\frac{3}{185}$	$\frac{1}{9}$	$\frac{47}{185}$	$\frac{91}{185}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{333}\ \Phi_{111}\ \Phi_{45}\ \Phi_{15}$
100730	1472	1471	$\frac{25}{1471}$	$\frac{187}{1471}$	$\frac{321}{1471}$	$\frac{723}{1471}$	$\Phi_{1471}\ \Phi_{1}^{2}$
100731	1472	1845	$\frac{7}{369}$	$\frac{47}{369}$	$\frac{1}{5}$	$\frac{181}{369}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{205}\ \Phi_{45}\ \Phi_{15}$
100732	1472	1471	$\frac{29}{1471}$	$\frac{137}{1471}$	$\frac{375}{1471}$	$\frac{721}{1471}$	$\Phi_{1471}\ \Phi_{1}^{2}$
100733	1472	2211	$\frac{15}{737}$	$\frac{47}{737}$	$\frac{1}{3}$	$\frac{361}{737}$	$\Phi_{2211}\ \Phi_{201}\ \Phi_{33}$
100734	1472	1395	$\frac{1}{45}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{22}{45}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}\ \Phi_{155}\ \Phi_{93}\ \Phi_{45}^{2}\ \Phi_{31}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
100735	1472	765	$\frac{1}{45}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{765}^{2}\ \Phi_{255}^{2}\ \Phi_{153}^{2}\ \Phi_{85}^{2}\ \Phi_{51}^{3}\ \Phi_{17}^{2}$
100736	1472	1395	$\frac{1}{45}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{22}{45}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}\ \Phi_{155}\ \Phi_{93}\ \Phi_{45}^{2}\ \Phi_{31}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
100737	1472	45	$\frac{1}{45}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{22}{45}$	$\Phi_{45}^{33}\ \Phi_{15}^{33}\ \Phi_{9}^{32}\ \Phi_{5}^{32}\ \Phi_{3}^{32}\ \Phi_{1}^{32}$
100738	1472	1471	$\frac{33}{1471}$	$\frac{47}{1471}$	$\frac{712}{1471}$	$\frac{719}{1471}$	$\Phi_{1471}\ \Phi_{1}^{2}$
100739	1472	205	$\frac{1}{41}$	$\frac{21}{205}$	$\frac{1}{5}$	$\frac{20}{41}$	$\Phi_{205}^{7}\ \Phi_{41}^{8}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
100740	1472	333	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{19}{111}$	$\frac{18}{37}$	$\Phi_{333}^{5}\ \Phi_{111}^{3}\ \Phi_{37}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
100741	1472	744	$\frac{1}{31}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{744}^{2}\ \Phi_{372}^{2}\ \Phi_{248}^{2}\ \Phi_{186}^{2}\ \Phi_{124}^{2}\ \Phi_{93}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
100742	1472	527	$\frac{1}{31}$	$\frac{1}{17}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{527}^{3}\ \Phi_{17}^{2}$
100743	1472	930	$\frac{1}{31}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{15}{31}$	$\Phi_{930}^{2}\ \Phi_{465}\ \Phi_{310}^{2}\ \Phi_{186}^{2}\ \Phi_{155}\ \Phi_{93}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{30}^{4}\ \Phi_{15}^{2}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
100744	1472	775	$\frac{1}{31}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{15}{31}$	$\Phi_{775}^{2}\ \Phi_{155}\ \Phi_{31}^{2}\ \Phi_{25}^{4}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
100745	1472	837	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{15}{31}$	$\Phi_{837}^{2}\ \Phi_{279}\ \Phi_{93}\ \Phi_{31}^{2}\ \Phi_{27}^{4}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
100746	1472	1471	$\frac{49}{1471}$	$\frac{95}{1471}$	$\frac{344}{1471}$	$\frac{711}{1471}$	$\Phi_{1471}\ \Phi_{1}^{2}$
100747	1472	1665	$\frac{7}{185}$	$\frac{1}{9}$	$\frac{24}{185}$	$\frac{89}{185}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{333}\ \Phi_{111}\ \Phi_{45}\ \Phi_{15}$
100748	1472	1471	$\frac{57}{1471}$	$\frac{160}{1471}$	$\frac{191}{1471}$	$\frac{707}{1471}$	$\Phi_{1471}\ \Phi_{1}^{2}$
100749	1472	615	$\frac{5}{123}$	$\frac{8}{123}$	$\frac{1}{5}$	$\frac{59}{123}$	$\Phi_{615}^{3}\ \Phi_{205}^{3}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
100750	1472	1471	$\frac{61}{1471}$	$\frac{68}{1471}$	$\frac{383}{1471}$	$\frac{705}{1471}$	$\Phi_{1471}\ \Phi_{1}^{2}$
100751	1472	2211	$\frac{24}{737}$	$\frac{31}{737}$	$\frac{1}{3}$	$\frac{353}{737}$	$\Phi_{2211}\ \Phi_{201}\ \Phi_{33}$
100752	1472	132	$\frac{1}{33}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{132}^{21}\ \Phi_{44}^{22}\ \Phi_{33}^{2}\ \Phi_{12}^{21}\ \Phi_{11}^{2}\ \Phi_{4}^{22}\ \Phi_{3}\ \Phi_{1}^{2}$
100753	1472	924	$\frac{1}{22}$	$\frac{1}{21}$	$\frac{5}{21}$	$\frac{21}{44}$	$\Phi_{924}^{3}\ \Phi_{308}^{3}\ \Phi_{132}^{3}\ \Phi_{84}^{3}\ \Phi_{44}^{4}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
100754	1472	3740	$\frac{1}{22}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{3740}\ \Phi_{340}\ \Phi_{85}$
100755	1472	1540	$\frac{1}{22}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{21}{44}$	$\Phi_{1540}^{2}\ \Phi_{308}\ \Phi_{220}^{2}\ \Phi_{140}^{2}\ \Phi_{44}^{2}\ \Phi_{35}^{2}\ \Phi_{28}\ \Phi_{20}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
100756	1472	396	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{21}{44}$	$\Phi_{396}^{7}\ \Phi_{132}^{7}\ \Phi_{44}^{8}\ \Phi_{36}^{7}\ \Phi_{12}^{7}\ \Phi_{9}^{7}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
100757	1472	1560	$\frac{1}{24}$	$\frac{3}{65}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
100758	1472	1471	$\frac{47}{1471}$	$\frac{89}{1471}$	$\frac{390}{1471}$	$\frac{691}{1471}$	$\Phi_{1471}\ \Phi_{1}^{2}$
100759	1472	2211	$\frac{17}{737}$	$\frac{45}{737}$	$\frac{1}{3}$	$\frac{346}{737}$	$\Phi_{2211}\ \Phi_{201}\ \Phi_{33}$
100760	1472	705	$\frac{1}{47}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{705}^{2}\ \Phi_{235}^{2}\ \Phi_{141}^{3}\ \Phi_{47}^{2}$
100761	1472	1365	$\frac{3}{91}$	$\frac{1}{15}$	$\frac{22}{91}$	$\frac{7}{15}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}^{2}\ \Phi_{65}\ \Phi_{39}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
100762	1472	120	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{120}^{13}\ \Phi_{60}^{13}\ \Phi_{40}^{13}\ \Phi_{30}^{13}\ \Phi_{24}^{12}\ \Phi_{20}^{13}\ \Phi_{15}^{9}\ \Phi_{12}^{12}\ \Phi_{10}^{13}\ \Phi_{8}^{12}\ \Phi_{6}^{12}\ \Phi_{5}^{8}\ \Phi_{4}^{12}\ \Phi_{3}^{8}\ \Phi_{2}^{12}\ \Phi_{1}^{8}$
100763	1472	735	$\frac{3}{49}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{735}^{2}\ \Phi_{245}^{2}\ \Phi_{147}^{2}\ \Phi_{105}\ \Phi_{49}^{4}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
100764	1472	390	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{7}{15}$	$\Phi_{390}^{4}\ \Phi_{195}^{3}\ \Phi_{130}^{4}\ \Phi_{78}^{4}\ \Phi_{65}^{3}\ \Phi_{39}^{3}\ \Phi_{30}^{4}\ \Phi_{26}^{8}\ \Phi_{15}^{4}\ \Phi_{13}^{6}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
100765	1472	312	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{312}^5\ \Phi_{156}^5\ \Phi_{104}^5\ \Phi_{78}^5\ \Phi_{52}^5\ \Phi_{39}^3\ \Phi_{26}^5\ \Phi_{24}^4\ \Phi_{13}^4\ \Phi_{12}^4\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
100766	1472	561	$\frac{3}{187}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{561}^4\ \Phi_{51}^4\ \Phi_{33}^3\ \Phi_{3}^2$
100767	1472	517	$\frac{1}{47}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{517}^3\ \Phi_{47}^2$
100768	1472	1471	$\frac{35}{1471}$	$\frac{139}{1471}$	$\frac{359}{1471}$	$\frac{666}{1471}$	$\Phi_{1471}\ \Phi_{1}^2$
100769	1472	2730	$\frac{1}{65}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{2730}\ \Phi_{910}\ \Phi_{546}\ \Phi_{390}\ \Phi_{210}\ \Phi_{195}\ \Phi_{182}\ \Phi_{130}\ \Phi_{78}\ \Phi_{70}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{10}$
100770	1472	1005	$\frac{1}{67}$	$\frac{33}{335}$	$\frac{1}{3}$	$\frac{151}{335}$	$\Phi_{1005}^2\ \Phi_{201}^3\ \Phi_{15}^2\ \Phi_{3}^2$
100771	1472	1560	$\frac{1}{24}$	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{29}{65}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
100772	1472	945	$\frac{5}{189}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{15}$
100773	1472	1471	$\frac{55}{1471}$	$\frac{177}{1471}$	$\frac{206}{1471}$	$\frac{647}{1471}$	$\Phi_{1471}\ \Phi_{1}^2$
100774	1472	205	$\frac{1}{41}$	$\frac{5}{41}$	$\frac{1}{5}$	$\frac{18}{41}$	$\Phi_{205}^9\ \Phi_{5}^8$
100775	1472	1471	$\frac{23}{1471}$	$\frac{181}{1471}$	$\frac{413}{1471}$	$\frac{645}{1471}$	$\Phi_{1471}\ \Phi_{1}^2$
100776	1472	2211	$\frac{9}{737}$	$\frac{91}{737}$	$\frac{1}{3}$	$\frac{323}{737}$	$\Phi_{2211}\ \Phi_{201}\ \Phi_{33}$
100777	1472	2080	$\frac{1}{65}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{2080}\ \Phi_{520}\ \Phi_{416}\ \Phi_{260}\ \Phi_{160}\ \Phi_{130}\ \Phi_{104}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
100778	1472	651	$\frac{1}{93}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{651}^2\ \Phi_{217}^2\ \Phi_{93}^4\ \Phi_{31}^4\ \Phi_{21}\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
100779	1472	427	$\frac{1}{61}$	$\frac{1}{7}$	$\frac{15}{61}$	$\frac{3}{7}$	$\Phi_{427}^3\ \Phi_{61}^6\ \Phi_{7}^4\ \Phi_{1}^8$
100780	1472	1645	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1645}\ \Phi_{235}^2$
100781	1472	1281	$\frac{7}{183}$	$\frac{22}{183}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1281}\ \Phi_{427}\ \Phi_{183}^2\ \Phi_{61}^2\ \Phi_{21}\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
100782	1472	504	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^2\ \Phi_{126}^3\ \Phi_{84}^2\ \Phi_{72}^6\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}^6\ \Phi_{28}^2\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{18}^6\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_{9}^4\ \Phi_{8}^4\ \Phi_{7}^2\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
100783	1472	520	$\frac{1}{65}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{520}^5\ \Phi_{260}\ \Phi_{130}\ \Phi_{104}^5\ \Phi_{52}\ \Phi_{40}^4\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}^4$
100784	1472	1581	$\frac{1}{93}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1581}\ \Phi_{527}\ \Phi_{51}$
100785	1472	1471	$\frac{19}{1471}$	$\frac{277}{1471}$	$\frac{363}{1471}$	$\frac{597}{1471}$	$\Phi_{1471}\ \Phi_{1}^2$
100786	1472	855	$\frac{3}{95}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{171}^2\ \Phi_{57}^2\ \Phi_{45}\ \Phi_{15}$
100787	1472	840	$\frac{1}{24}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}$
100788	1472	1551	$\frac{1}{47}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{1551}\ \Phi_{517}\ \Phi_{141}$
100789	1472	1471	$\frac{39}{1471}$	$\frac{179}{1471}$	$\frac{323}{1471}$	$\frac{574}{1471}$	$\Phi_{1471}\ \Phi_{1}^2$
100790	1472	312	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{312}^5\ \Phi_{156}^5\ \Phi_{104}^5\ \Phi_{78}^5\ \Phi_{52}^5\ \Phi_{39}^5\ \Phi_{26}^5\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4$
100791	1472	1471	$\frac{59}{1471}$	$\frac{114}{1471}$	$\frac{353}{1471}$	$\frac{559}{1471}$	$\Phi_{1471}\ \Phi_{1}^2$
100792	1472	333	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{9}{37}$	$\frac{14}{37}$	$\Phi_{333}^5\ \Phi_{111}^5\ \Phi_{9}^4\ \Phi_{3}^4$
100793	1472	1471	$\frac{27}{1471}$	$\frac{229}{1471}$	$\frac{361}{1471}$	$\frac{555}{1471}$	$\Phi_{1471}\ \Phi_{1}^2$
100794	1472	1845	$\frac{5}{369}$	$\frac{1}{5}$	$\frac{91}{369}$	$\frac{139}{369}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{205}\ \Phi_{45}\ \Phi_{15}$
100795	1472	1471	$\frac{11}{1471}$	$\frac{365}{1471}$	$\frac{459}{1471}$	$\frac{553}{1471}$	$\Phi_{1471}\ \Phi_{1}^2$
100796	1472	2211	$\frac{5}{737}$	$\frac{183}{737}$	$\frac{1}{3}$	$\frac{277}{737}$	$\Phi_{2211}\ \Phi_{201}\ \Phi_{33}$
100797	1472	2340	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
100798	1472	555	$\frac{1}{185}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{555}^3\ \Phi_{185}^2\ \Phi_{111}^3\ \Phi_{37}^2\ \Phi_{15}^3\ \Phi_{5}^2$
100799	1472	1101	$\frac{3}{367}$	$\frac{91}{367}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1101}\ \Phi_{367}^2\ \Phi_{3}^2\ \Phi_{1}^4$
100800	1472	465	$\frac{1}{93}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{465}^4\ \Phi_{155}^4\ \Phi_{15}^3\ \Phi_{5}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
100801	1472	1101	$\frac{7}{367}$	$\frac{45}{367}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1101}\ \Phi_{367}^2\ \Phi_3^2\ \Phi_1^4$
100802	1472	423	$\frac{1}{47}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{423}^4\ \Phi_{141}^3\ \Phi_{47}^2$
100803	1472	1101	$\frac{15}{367}$	$\frac{22}{367}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1101}\ \Phi_{367}^2\ \Phi_3^2\ \Phi_1^4$
100804	1472	408	$\frac{1}{24}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{408}^4\ \Phi_{204}^4\ \Phi_{136}^4\ \Phi_{102}^4\ \Phi_{68}^4\ \Phi_{51}^3\ \Phi_{34}^4\ \Phi_{17}^2$
100805	1472	2745	$\frac{2}{183}$	$\frac{1}{5}$	$\frac{181}{549}$	$\frac{1}{3}$	$\Phi_{2745}\ \Phi_{45}\ \Phi_{15}$
100806	1472	1089	$\frac{10}{363}$	$\frac{1}{11}$	$\frac{353}{1089}$	$\frac{1}{3}$	$\Phi_{1089}^2\ \Phi_{99}^2\ \Phi_{33}\ \Phi_9^2$
100807	1472	2295	$\frac{2}{45}$	$\frac{1}{17}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{2295}\ \Phi_{459}\ \Phi_{51}$
100808	1472	33	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{33}^{45}\ \Phi_{11}^{44}\ \Phi_3^{44}\ \Phi_1^{44}$
100809	1472	2115	$\frac{1}{47}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{2115}\ \Phi_{423}\ \Phi_{141}$
100810	1472	1005	$\frac{1}{67}$	$\frac{66}{335}$	$\frac{269}{1005}$	$\frac{1}{3}$	$\Phi_{1005}\ \Phi_{335}^2\ \Phi_{201}^2\ \Phi_{67}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
100811	1472	915	$\frac{1}{61}$	$\frac{1}{5}$	$\frac{15}{61}$	$\frac{1}{3}$	$\Phi_{915}^3\ \Phi_{15}^4$
100812	1472	2211	$\frac{13}{737}$	$\frac{139}{737}$	$\frac{181}{737}$	$\frac{1}{3}$	$\Phi_{2211}\ \Phi_{201}\ \Phi_{33}$
100813	1472	819	$\frac{3}{91}$	$\frac{1}{9}$	$\frac{22}{91}$	$\frac{1}{3}$	$\Phi_{819}^2\ \Phi_{273}\ \Phi_{117}^2\ \Phi_{91}^2\ \Phi_{63}^2\ \Phi_{39}\ \Phi_{21}\ \Phi_{13}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
100814	1472	2211	$\frac{29}{737}$	$\frac{70}{737}$	$\frac{177}{737}$	$\frac{1}{3}$	$\Phi_{2211}\ \Phi_{201}\ \Phi_{33}$
100815	1472	363	$\frac{5}{121}$	$\frac{1}{11}$	$\frac{29}{121}$	$\frac{1}{3}$	$\Phi_{363}^6\ \Phi_{33}^7\ \Phi_3^6$
100816	1472	201	$\frac{3}{67}$	$\frac{17}{201}$	$\frac{16}{67}$	$\frac{1}{3}$	$\Phi_{201}^7\ \Phi_{67}^8\ \Phi_3^6\ \Phi_1^8$
100817	1472	510	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{510}^4\ \Phi_{255}^2\ \Phi_{170}^4\ \Phi_{102}^4\ \Phi_{85}^2\ \Phi_{51}^3\ \Phi_{34}^4\ \Phi_{17}^2$
100818	1472	744	$\frac{1}{24}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{744}^2\ \Phi_{372}^2\ \Phi_{248}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
100819	1472	1683	$\frac{1}{17}$	$\frac{7}{99}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{51}$
100820	1472	2211	$\frac{25}{737}$	$\frac{89}{737}$	$\frac{162}{737}$	$\frac{1}{3}$	$\Phi_{2211}\ \Phi_{201}\ \Phi_{33}$
100821	1472	705	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{705}^3\ \Phi_{141}^4$
100822	1472	915	$\frac{7}{183}$	$\frac{22}{183}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{915}^2\ \Phi_{305}^2\ \Phi_{15}^3\ \Phi_5^2$
100823	1472	360	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^4\ \Phi_{90}^6\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
100824	1472	1275	$\frac{1}{17}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1275}^2\ \Phi_{255}\ \Phi_{51}^2$
100825	1472	99	$\frac{7}{99}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{3}$	$\Phi_{99}^{16}\ \Phi_{33}^{13}\ \Phi_{11}^{12}\ \Phi_9^{16}\ \Phi_3^{12}\ \Phi_1^{12}$
100826	1472	459	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{459}^4\ \Phi_{153}^2\ \Phi_{51}^3\ \Phi_{17}^2$
100827	1472	441	$\frac{3}{49}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{441}^4\ \Phi_{147}^2\ \Phi_{63}^2\ \Phi_{49}^4\ \Phi_{21}\ \Phi_9^4\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
100828	1472	1785	$\frac{1}{17}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{119}\ \Phi_{51}$
100829	1472	2541	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{111}{847}$	$\frac{1}{3}$	$\Phi_{2541}\ \Phi_{231}\ \Phi_{33}\ \Phi_{21}$
100830	1472	234	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{3}{26}$	$\frac{1}{3}$	$\Phi_{234}^8\ \Phi_{117}^6\ \Phi_{78}^4\ \Phi_{39}^3\ \Phi_{26}^8\ \Phi_{18}^8\ \Phi_{13}^6\ \Phi_9^8\ \Phi_6^4\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
100831	1472	135	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{43}{135}$	$\Phi_{135}^{16}\ \Phi_{45}\ \Phi_{27}^{16}\ \Phi_{15}$
100832	1472	231	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{5}{21}$	$\frac{10}{33}$	$\Phi_{231}^6\ \Phi_{77}^6\ \Phi_{33}^7\ \Phi_{21}^9\ \Phi_{11}^6\ \Phi_7^9\ \Phi_3^{10}\ \Phi_1^{10}$
100833	1472	2805	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{2805}\ \Phi_{255}\ \Phi_{85}$
100834	1472	1155	$\frac{3}{35}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{10}{33}$	$\Phi_{1155}^2\ \Phi_{231}\ \Phi_{165}^2\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
100835	1472	99	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{10}{33}$	$\Phi_{99}^{14}\ \Phi_{33}^{15}\ \Phi_{11}^{14}\ \Phi_9^{21}\ \Phi_3^{22}\ \Phi_1^{22}$
100836	1472	360	$\frac{1}{24}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}\ \Phi_{90}^6\ \Phi_{72}^6\ \Phi_{60}\ \Phi_{45}^4\ \Phi_{40}\ \Phi_{36}^6\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^6\ \Phi_{15}\ \Phi_{10}\ \Phi_9^4$
100837	1472	600	$\frac{1}{24}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{120}\ \Phi_{100}^3\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{50}^3\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
100838	1472	585	$\frac{11}{195}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{585}^3\ \Phi_{195}^2\ \Phi_{117}^3\ \Phi_{65}^2\ \Phi_{45}\ \Phi_{39}^2\ \Phi_{15}\ \Phi_{13}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
100839	1472	527	$\frac{1}{17}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{527}^{3}\ \Phi_{17}^{2}$
100840	1472	615	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{10}{41}$	$\frac{31}{123}$	$\Phi_{615}^{4}\ \Phi_{205}\ \Phi_{15}^{4}$
100841	1472	455	$\frac{3}{91}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{22}{91}$	$\Phi_{455}^{3}\ \Phi_{91}^{4}\ \Phi_{65}^{3}\ \Phi_{35}^{3}\ \Phi_{13}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
100842	1472	1471	$\frac{51}{1471}$	$\frac{279}{1471}$	$\frac{298}{1471}$	$\frac{355}{1471}$	$\Phi_{1471}\ \Phi_{1}^{2}$
100843	1472	1845	$\frac{13}{369}$	$\frac{70}{369}$	$\frac{1}{5}$	$\frac{89}{369}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{205}\ \Phi_{45}\ \Phi_{15}$
100844	1472	930	$\frac{1}{15}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{7}{30}$	$\Phi_{930}^{2}\ \Phi_{465}\ \Phi_{310}^{2}\ \Phi_{186}^{2}\ \Phi_{155}\ \Phi_{93}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{30}^{4}\ \Phi_{15}^{2}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
100845	1472	90	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{7}{30}$	$\Phi_{90}^{24}\ \Phi_{45}^{13}\ \Phi_{30}^{16}\ \Phi_{18}^{24}\ \Phi_{15}^{9}\ \Phi_{10}^{16}\ \Phi_{9}^{12}\ \Phi_{6}^{16}\ \Phi_{5}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{16}\ \Phi_{1}^{8}$
100846	1472	775	$\frac{2}{25}$	$\frac{3}{31}$	$\frac{1}{5}$	$\frac{7}{31}$	$\Phi_{775}^{2}\ \Phi_{155}\ \Phi_{31}^{2}\ \Phi_{25}^{4}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
100847	1472	837	$\frac{3}{31}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{7}{31}$	$\Phi_{837}^{2}\ \Phi_{279}\ \Phi_{93}\ \Phi_{31}^{2}\ \Phi_{27}^{4}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
100848	1472	495	$\frac{7}{99}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{495}^{4}\ \Phi_{165}^{4}\ \Phi_{55}^{4}\ \Phi_{45}\ \Phi_{15}$
100849	1472	120	$\frac{1}{24}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{120}^{13}\ \Phi_{60}^{13}\ \Phi_{40}^{13}\ \Phi_{30}^{13}\ \Phi_{24}^{12}\ \Phi_{20}^{13}\ \Phi_{15}^{13}\ \Phi_{12}^{12}\ \Phi_{10}^{13}\ \Phi_{8}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}$
100850	1472	245	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{245}^{6}\ \Phi_{49}^{8}\ \Phi_{35}^{3}\ \Phi_{7}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
100851	1472	130	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{130}^{12}\ \Phi_{65}^{9}\ \Phi_{26}^{16}\ \Phi_{13}^{12}\ \Phi_{10}^{12}\ \Phi_{5}^{12}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
100852	1472	225	$\frac{2}{25}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{225}^{8}\ \Phi_{75}^{8}\ \Phi_{45}^{5}\ \Phi_{15}^{5}\ \Phi_{9}^{4}\ \Phi_{3}^{4}$
100853	1472	225	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{225}$	$\frac{1}{5}$	$\Phi_{225}^{8}\ \Phi_{75}^{8}\ \Phi_{45}\ \Phi_{25}^{8}\ \Phi_{15}$
100854	1472	405	$\frac{37}{405}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{5}$	$\Phi_{405}^{4}\ \Phi_{135}^{4}\ \Phi_{81}^{4}\ \Phi_{45}\ \Phi_{27}^{4}\ \Phi_{15}$
100855	1472	135	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{5}$	$\Phi_{135}^{16}\ \Phi_{45}^{9}\ \Phi_{15}^{9}\ \Phi_{5}^{8}$
100856	1472	315	$\frac{1}{9}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{315}^{6}\ \Phi_{105}^{4}\ \Phi_{63}^{6}\ \Phi_{45}\ \Phi_{35}^{4}\ \Phi_{21}^{4}\ \Phi_{15}\ \Phi_{7}^{4}$
100857	1473	1956	$\frac{2}{489}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{487}{978}$	$\Phi_{1956}\ \Phi_{652}\ \Phi_{489}\ \Phi_{163}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
100858	1473	656	$\frac{1}{164}$	$\frac{1}{4}$	$\frac{165}{656}$	$\frac{163}{328}$	$\Phi_{656}^{3}\ \Phi_{164}^{3}\ \Phi_{82}^{3}\ \Phi_{41}^{3}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
100859	1473	976	$\frac{3}{488}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{485}{976}$	$\Phi_{976}^{3}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
100860	1473	972	$\frac{5}{486}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{481}{972}$	$\Phi_{972}\ \Phi_{486}^{2}\ \Phi_{324}\ \Phi_{243}^{2}\ \Phi_{162}^{2}\ \Phi_{108}\ \Phi_{81}^{2}\ \Phi_{54}^{2}\ \Phi_{36}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
100861	1473	2816	$\frac{1}{64}$	$\frac{65}{1408}$	$\frac{1343}{2816}$	$\frac{63}{128}$	$\Phi_{2816}\ \Phi_{256}\ \Phi_{128}\ \Phi_{1}$
100862	1473	1640	$\frac{3}{164}$	$\frac{167}{1640}$	$\frac{1}{4}$	$\frac{161}{328}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{410}\ \Phi_{205}\ \Phi_{164}\ \Phi_{82}\ \Phi_{41}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
100863	1473	960	$\frac{11}{480}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{469}{960}$	$\Phi_{960}^{3}\ \Phi_{320}^{3}\ \Phi_{192}^{3}\ \Phi_{64}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
100864	1473	960	$\frac{11}{480}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{469}{960}$	$\Phi_{960}^{3}\ \Phi_{320}^{3}\ \Phi_{192}^{3}\ \Phi_{64}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
100865	1473	960	$\frac{11}{480}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{469}{960}$	$\Phi_{960}^{3}\ \Phi_{320}^{3}\ \Phi_{192}^{3}\ \Phi_{64}^{3}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
100866	1473	592	$\frac{7}{296}$	$\frac{1}{8}$	$\frac{101}{592}$	$\frac{289}{592}$	$\Phi_{592}^{2}\ \Phi_{296}^{3}\ \Phi_{148}^{3}\ \Phi_{74}^{3}\ \Phi_{37}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
100867	1473	1984	$\frac{15}{496}$	$\frac{1}{16}$	$\frac{511}{1984}$	$\frac{481}{992}$	$\Phi_{1984}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{64}\ \Phi_{62}\ \Phi_{31}\ \Phi_{1}$
100868	1473	920	$\frac{1}{46}$	$\frac{31}{460}$	$\frac{15}{46}$	$\frac{429}{920}$	$\Phi_{920}^{3}\ \Phi_{184}^{3}\ \Phi_{46}^{2}\ \Phi_{40}^{3}\ \Phi_{23}^{2}\ \Phi_{8}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
100869	1473	920	$\frac{1}{23}$	$\frac{31}{460}$	$\frac{22}{115}$	$\frac{429}{920}$	$\Phi_{920}^{3}\ \Phi_{184}^{3}\ \Phi_{115}\ \Phi_{40}^{3}\ \Phi_{8}^{3}\ \Phi_{5}\ \Phi_{1}$
100870	1473	598	$\frac{1}{23}$	$\frac{22}{299}$	$\frac{107}{598}$	$\frac{277}{598}$	$\Phi_{598}^{2}\ \Phi_{299}^{3}\ \Phi_{46}^{2}\ \Phi_{26}^{2}\ \Phi_{23}^{2}\ \Phi_{13}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
100871	1473	504	$\frac{13}{504}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{504}^{3}\ \Phi_{252}^{3}\ \Phi_{168}^{3}\ \Phi_{126}^{3}\ \Phi_{84}^{3}\ \Phi_{72}^{3}\ \Phi_{63}^{3}\ \Phi_{56}^{3}\ \Phi_{42}^{3}\ \Phi_{36}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{18}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
100872	1473	1804	$\frac{1}{41}$	$\frac{40}{451}$	$\frac{1}{4}$	$\frac{411}{902}$	$\Phi_{1804}\ \Phi_{451}\ \Phi_{164}^{2}\ \Phi_{82}\ \Phi_{44}\ \Phi_{41}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
100873	1473	2024	$\frac{1}{46}$	$\frac{45}{506}$	$\frac{551}{2024}$	$\frac{461}{1012}$	$\Phi_{2024}\ \Phi_{506}\ \Phi_{253}\ \Phi_{184}\ \Phi_{88}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
100874	1473	896	$\frac{1}{64}$	$\frac{43}{448}$	$\frac{21}{64}$	$\frac{405}{896}$	$\Phi_{896}^{3}\ \Phi_{128}^{3}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
100875	1473	2624	$\frac{3}{164}$	$\frac{161}{1312}$	$\frac{1}{4}$	$\frac{1151}{2624}$	$\Phi_{2624}\ \Phi_{164}\ \Phi_{82}\ \Phi_{64}\ \Phi_{41}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
100876	1473	2048	$\frac{1}{64}$	$\frac{63}{512}$	$\frac{575}{2048}$	$\frac{449}{1024}$	$\Phi_{2048}\ \Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_1$
100877	1473	2560	$\frac{1}{64}$	$\frac{193}{1280}$	$\frac{63}{256}$	$\frac{1087}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_1$
100878	1473	1520	$\frac{47}{1520}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{304}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{76}\ \Phi_{40}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{10}\ \Phi_5\ \Phi_1$
100879	1473	1610	$\frac{1}{23}$	$\frac{137}{1610}$	$\frac{22}{115}$	$\frac{93}{230}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{322}\ \Phi_{161}\ \Phi_{115}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}\ \Phi_7\ \Phi_5\ \Phi_1$
100880	1473	820	$\frac{1}{82}$	$\frac{81}{410}$	$\frac{1}{4}$	$\frac{329}{820}$	$\Phi_{820}\ \Phi_{410}^2\ \Phi_{205}^2\ \Phi_{164}^3\ \Phi_{82}^3\ \Phi_{41}^3\ \Phi_{20}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
100881	1473	495	$\frac{4}{495}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{495}^3\ \Phi_{165}^3\ \Phi_{99}^3\ \Phi_{55}^3\ \Phi_{45}^3\ \Phi_{33}^3\ \Phi_{15}^2\ \Phi_{11}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
100882	1473	2392	$\frac{1}{23}$	$\frac{22}{299}$	$\frac{277}{1196}$	$\frac{919}{2392}$	$\Phi_{2392}\ \Phi_{299}\ \Phi_{184}\ \Phi_{104}\ \Phi_{13}\ \Phi_8\ \Phi_1$
100883	1473	2368	$\frac{7}{296}$	$\frac{1}{8}$	$\frac{289}{1184}$	$\frac{895}{2368}$	$\Phi_{2368}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}\ \Phi_{64}\ \Phi_{37}\ \Phi_1$
100884	1473	496	$\frac{5}{496}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{496}^3\ \Phi_{248}^3\ \Phi_{124}^3\ \Phi_{62}^3\ \Phi_{31}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
100885	1473	768	$\frac{1}{64}$	$\frac{21}{128}$	$\frac{107}{384}$	$\frac{277}{768}$	$\Phi_{768}^3\ \Phi_{256}^3\ \Phi_{128}^3\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
100886	1473	512	$\frac{21}{512}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{512}^3\ \Phi_{256}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
100887	1473	552	$\frac{1}{46}$	$\frac{61}{552}$	$\frac{15}{46}$	$\frac{31}{92}$	$\Phi_{552}^3\ \Phi_{276}^3\ \Phi_{184}^3\ \Phi_{138}^3\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{24}^3\ \Phi_{23}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
100888	1473	1476	$\frac{1}{123}$	$\frac{1}{4}$	$\frac{122}{369}$	$\frac{247}{738}$	$\Phi_{1476}\ \Phi_{492}^2\ \Phi_{369}\ \Phi_{246}\ \Phi_{164}^2\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_{36}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
100889	1473	736	$\frac{1}{184}$	$\frac{61}{184}$	$\frac{245}{736}$	$\frac{123}{368}$	$\Phi_{736}^3\ \Phi_{184}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{32}^3\ \Phi_{23}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
100890	1473	531	$\frac{2}{59}$	$\frac{40}{531}$	$\frac{19}{59}$	$\frac{1}{3}$	$\Phi_{531}^3\ \Phi_{177}^2\ \Phi_{59}^3\ \Phi_9^3\ \Phi_3\ \Phi_1^3$
100891	1473	732	$\frac{3}{244}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{241}{732}$	$\Phi_{732}^3\ \Phi_{366}^3\ \Phi_{183}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
100892	1473	690	$\frac{1}{46}$	$\frac{31}{230}$	$\frac{199}{690}$	$\frac{15}{46}$	$\Phi_{690}^3\ \Phi_{345}^3\ \Phi_{138}^3\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{30}^3\ \Phi_{23}^2\ \Phi_{15}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
100893	1473	720	$\frac{11}{240}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{229}{720}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_9^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
100894	1473	720	$\frac{11}{240}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{229}{720}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
100895	1473	720	$\frac{11}{240}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{229}{720}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{45}^3\ \Phi_{40}\ \Phi_{36}^3\ \Phi_{20}\ \Phi_{18}^3\ \Phi_{10}\ \Phi_9^3\ \Phi_5\ \Phi_1$
100896	1473	640	$\frac{1}{16}$	$\frac{11}{160}$	$\frac{149}{640}$	$\frac{5}{16}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
100897	1473	528	$\frac{1}{16}$	$\frac{37}{528}$	$\frac{11}{48}$	$\frac{5}{16}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{16}^2\ \Phi_{11}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
100898	1473	576	$\frac{1}{16}$	$\frac{11}{96}$	$\frac{85}{576}$	$\frac{5}{16}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{72}^3\ \Phi_{64}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_9^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
100899	1473	560	$\frac{1}{16}$	$\frac{69}{560}$	$\frac{11}{80}$	$\frac{5}{16}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_8^2\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
100900	1473	690	$\frac{1}{23}$	$\frac{31}{230}$	$\frac{22}{115}$	$\frac{199}{690}$	$\Phi_{690}^3\ \Phi_{345}^3\ \Phi_{138}^3\ \Phi_{115}\ \Phi_{69}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_6^3\ \Phi_5\ \Phi_3^3\ \Phi_1$
100901	1473	504	$\frac{13}{504}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{36}\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
100902	1473	520	$\frac{29}{520}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{520}^3\ \Phi_{260}^3\ \Phi_{130}^3\ \Phi_{104}^3\ \Phi_{65}^3\ \Phi_{52}^3\ \Phi_{40}\ \Phi_{26}^3\ \Phi_{20}\ \Phi_{13}^3\ \Phi_{10}\ \Phi_5\ \Phi_1$
100903	1473	575	$\frac{1}{23}$	$\frac{84}{575}$	$\frac{22}{115}$	$\frac{31}{115}$	$\Phi_{575}^3\ \Phi_{115}\ \Phi_{25}^3\ \Phi_5\ \Phi_1$
100904	1473	656	$\frac{3}{164}$	$\frac{161}{656}$	$\frac{1}{4}$	$\frac{165}{656}$	$\Phi_{656}^2\ \Phi_{328}^2\ \Phi_{164}^3\ \Phi_{82}^3\ \Phi_{41}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
100905	1473	648	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{157}{648}$	$\frac{1}{4}$	$\Phi_{648}^3\ \Phi_{324}\ \Phi_{216}^3\ \Phi_{162}^2\ \Phi_{108}\ \Phi_{81}^2\ \Phi_{72}^3\ \Phi_{54}^2\ \Phi_{36}\ \Phi_{27}^2\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
100906	1473	528	$\frac{37}{528}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
100907	1473	540	$\frac{1}{12}$	$\frac{49}{540}$	$\frac{11}{60}$	$\frac{1}{4}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{90}^3\ \Phi_{54}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
100908	1473	600	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{109}{600}$	$\frac{1}{4}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
100909	1473	540	$\frac{49}{540}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{36}\ \Phi_{30}^3\ \Phi_{27}^2\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_{9}^2\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
100910	1473	576	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{85}{576}$	$\frac{1}{4}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{72}^3\ \Phi_{64}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{9}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
100911	1473	640	$\frac{11}{160}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{149}{640}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
100912	1473	1600	$\frac{127}{1600}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{160}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
100913	1473	1840	$\frac{1}{23}$	$\frac{22}{115}$	$\frac{367}{1840}$	$\frac{93}{460}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{368}\ \Phi_{184}\ \Phi_{115}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
100914	1473	600	$\frac{11}{120}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{109}{600}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{50}^3\ \Phi_{40}\ \Phi_{25}^3\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
100915	1473	560	$\frac{69}{560}$	$\frac{1}{8}$	$\frac{11}{80}$	$\frac{7}{40}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}\ \Phi_{14}^3\ \Phi_{10}\ \Phi_{7}^3\ \Phi_{5}\ \Phi_{1}$
100916	1474	1470	$\frac{2}{735}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{733}{1470}$	$\Phi_{1470}^2\ \Phi_{490}^2\ \Phi_{294}^2\ \Phi_{210}^2\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
100917	1474	984	$\frac{1}{246}$	$\frac{247}{984}$	$\frac{1}{3}$	$\frac{245}{492}$	$\Phi_{984}^2\ \Phi_{328}^2\ \Phi_{246}^2\ \Phi_{123}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
100918	1474	1467	$\frac{7}{1467}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{730}{1467}$	$\Phi_{1467}\ \Phi_{489}\ \Phi_{163}\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
100919	1474	1464	$\frac{5}{732}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{727}{1464}$	$\Phi_{1464}^2\ \Phi_{488}^2\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
100920	1474	2660	$\frac{1}{133}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{66}{133}$	$\Phi_{2660}\ \Phi_{532}\ \Phi_{380}\ \Phi_{140}\ \Phi_{133}\ \Phi_{76}\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
100921	1474	1995	$\frac{1}{133}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{66}{133}$	$\Phi_{1995}\ \Phi_{399}\ \Phi_{285}\ \Phi_{133}\ \Phi_{105}\ \Phi_{57}\ \Phi_{21}\ \Phi_{19}\ \Phi_{15}^2\ \Phi_{7}\ \Phi_{3}^2\ \Phi_{1}^2$
100922	1474	1458	$\frac{8}{729}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{721}{1458}$	$\Phi_{1458}^2\ \Phi_{486}^2\ \Phi_{162}^2\ \Phi_{54}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
100923	1474	2460	$\frac{1}{82}$	$\frac{83}{820}$	$\frac{1}{3}$	$\frac{81}{164}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{615}\ \Phi_{246}\ \Phi_{123}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
100924	1474	924	$\frac{1}{66}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{65}{132}$	$\Phi_{924}^3\ \Phi_{308}^3\ \Phi_{132}^4\ \Phi_{84}^3\ \Phi_{44}^4\ \Phi_{28}^3\ \Phi_{21}\ \Phi_{12}^4\ \Phi_{7}\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{1}^2$
100925	1474	132	$\frac{1}{66}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{65}{132}$	$\Phi_{132}^{10}\ \Phi_{66}^{12}\ \Phi_{44}^{10}\ \Phi_{33}^{12}\ \Phi_{22}^{12}\ \Phi_{12}^{12}\ \Phi_{11}^{12}\ \Phi_{6}^{14}\ \Phi_{4}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
100926	1474	924	$\frac{1}{66}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{65}{132}$	$\Phi_{924}^3\ \Phi_{308}^3\ \Phi_{132}^4\ \Phi_{84}^3\ \Phi_{44}^4\ \Phi_{28}^3\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_{7}\ \Phi_{4}^4\ \Phi_{2}^2\ \Phi_{1}^2$
100927	1474	180	$\frac{1}{45}$	$\frac{1}{12}$	$\frac{23}{90}$	$\frac{22}{45}$	$\Phi_{180}^9\ \Phi_{90}^7\ \Phi_{60}^9\ \Phi_{45}^8\ \Phi_{36}^9\ \Phi_{30}^7\ \Phi_{20}^9\ \Phi_{18}^7\ \Phi_{15}^8\ \Phi_{12}^8\ \Phi_{10}^7\ \Phi_{9}^8\ \Phi_{6}^6\ \Phi_{5}^8\ \Phi_{4}^8\ \Phi_{3}^7\ \Phi_{2}^6\ \Phi_{1}^8$
100928	1474	1440	$\frac{17}{720}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{703}{1440}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
100929	1474	780	$\frac{2}{65}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{63}{130}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}^3\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
100930	1474	324	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{14}{81}$	$\frac{13}{27}$	$\Phi_{324}^6\ \Phi_{162}^6\ \Phi_{108}^3\ \Phi_{81}^4\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
100931	1474	2944	$\frac{1}{23}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{2944}\ \Phi_{92}\ \Phi_{46}$
100932	1474	483	$\frac{2}{69}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{483}^3\ \Phi_{161}^3\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^2$
100933	1474	693	$\frac{1}{33}$	$\frac{1}{21}$	$\frac{32}{99}$	$\frac{10}{21}$	$\Phi_{693}^3\ \Phi_{99}^4\ \Phi_{63}^3\ \Phi_{21}\ \Phi_{9}^4\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^2$
100934	1474	1848	$\frac{1}{22}$	$\frac{1}{21}$	$\frac{21}{88}$	$\frac{10}{21}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{84}\ \Phi_{56}\ \Phi_{44}^2\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
100935	1474	504	$\frac{1}{21}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{10}{21}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{72}^4\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{36}^4\ \Phi_{28}^3\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{9}^4\ \Phi_{8}^4\ \Phi_{7}\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{1}^2$
100936	1474	231	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{10}{21}$	$\Phi_{231}^6\ \Phi_{77}^7\ \Phi_{33}^6\ \Phi_{21}^7\ \Phi_{11}^6\ \Phi_{7}^8\ \Phi_{3}^7\ \Phi_{1}^8$
100937	1474	756	$\frac{19}{756}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
100938	1474	4182	$\frac{1}{41}$	$\frac{40}{697}$	$\frac{1}{3}$	$\frac{657}{1394}$	$\Phi_{4182}\ \Phi_{246}\ \Phi_{123}\ \Phi_{102}\ \Phi_{6}$
100939	1474	252	$\frac{4}{63}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{59}{126}$	$\Phi_{252}^6\ \Phi_{126}^4\ \Phi_{84}^6\ \Phi_{63}^6\ \Phi_{42}^4\ \Phi_{36}^9\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{18}^7\ \Phi_{14}^4\ \Phi_{12}^8\ \Phi_{9}^8\ \Phi_{7}^6\ \Phi_{6}^6\ \Phi_{4}^8\ \Phi_{3}^7\ \Phi_{2}^6\ \Phi_{1}^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
100940	1474	300	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{8}{75}$	$\frac{7}{15}$	$\Phi_{300}^{6}\ \Phi_{150}^{6}\ \Phi_{100}^{6}\ \Phi_{75}^{4}\ \Phi_{60}^{3}\ \Phi_{50}^{6}\ \Phi_{30}^{3}\ \Phi_{25}^{4}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100941	1474	123	$\frac{2}{123}$	$\frac{11}{123}$	$\frac{1}{3}$	$\frac{56}{123}$	$\Phi_{123}^{12}\ \Phi_{41}^{12}\ \Phi_{3}^{11}\ \Phi_{1}^{12}$
100942	1474	1020	$\frac{1}{68}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{255}^{2}\ \Phi_{204}^{3}\ \Phi_{102}^{3}\ \Phi_{60}\ \Phi_{51}^{3}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
100943	1474	140	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{140}^{19}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{19}\ \Phi_{20}^{20}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{4}^{20}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100944	1474	380	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{9}{76}$	$\frac{9}{20}$	$\Phi_{380}^{3}\ \Phi_{190}^{4}\ \Phi_{95}^{4}\ \Phi_{76}^{5}\ \Phi_{38}^{6}\ \Phi_{20}^{4}\ \Phi_{19}^{5}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
100945	1474	72	$\frac{5}{72}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{72}^{22}\ \Phi_{36}^{19}\ \Phi_{24}^{22}\ \Phi_{18}^{19}\ \Phi_{12}^{18}\ \Phi_{9}^{20}\ \Phi_{8}^{22}\ \Phi_{6}^{18}\ \Phi_{4}^{18}\ \Phi_{3}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{20}$
100946	1474	120	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{7}{60}$	$\frac{53}{120}$	$\Phi_{120}^{22}\ \Phi_{60}^{3}\ \Phi_{40}^{22}\ \Phi_{30}^{3}\ \Phi_{24}^{22}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{22}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100947	1474	3936	$\frac{1}{82}$	$\frac{81}{656}$	$\frac{1}{3}$	$\frac{575}{1312}$	$\Phi_{3936}\ \Phi_{246}\ \Phi_{123}\ \Phi_{96}\ \Phi_{6}$
100948	1474	744	$\frac{7}{744}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{744}^{2}\ \Phi_{372}^{2}\ \Phi_{248}^{2}\ \Phi_{186}^{2}\ \Phi_{124}^{2}\ \Phi_{93}^{2}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100949	1474	1230	$\frac{1}{123}$	$\frac{122}{615}$	$\frac{1}{3}$	$\frac{493}{1230}$	$\Phi_{1230}^{2}\ \Phi_{410}^{2}\ \Phi_{246}^{2}\ \Phi_{123}^{2}\ \Phi_{82}^{2}\ \Phi_{41}^{2}\ \Phi_{30}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100950	1474	420	$\frac{3}{70}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{4}\ \Phi_{70}^{2}\ \Phi_{60}^{3}\ \Phi_{42}^{4}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{28}^{4}\ \Phi_{21}^{4}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
100951	1474	270	$\frac{1}{135}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{270}^{9}\ \Phi_{135}^{2}\ \Phi_{90}^{9}\ \Phi_{54}^{9}\ \Phi_{45}^{2}\ \Phi_{30}^{9}\ \Phi_{27}^{2}\ \Phi_{18}^{8}\ \Phi_{15}^{2}\ \Phi_{10}^{9}\ \Phi_{9}^{2}\ \Phi_{6}^{8}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
100952	1474	108	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{13}{54}$	$\frac{41}{108}$	$\Phi_{108}^{13}\ \Phi_{54}^{15}\ \Phi_{36}^{13}\ \Phi_{27}^{14}\ \Phi_{18}^{15}\ \Phi_{12}^{12}\ \Phi_{9}^{14}\ \Phi_{6}^{14}\ \Phi_{4}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
100953	1474	2160	$\frac{1}{135}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{108}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
100954	1474	1656	$\frac{1}{23}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
100955	1474	2346	$\frac{1}{23}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{2346}\ \Phi_{782}\ \Phi_{391}\ \Phi_{138}\ \Phi_{46}$
100956	1474	1107	$\frac{2}{369}$	$\frac{367}{1107}$	$\frac{1}{3}$	$\frac{370}{1107}$	$\Phi_{1107}\ \Phi_{369}^{2}\ \Phi_{123}^{2}\ \Phi_{41}^{2}\ \Phi_{27}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
100957	1474	882	$\frac{2}{147}$	$\frac{145}{882}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{882}^{2}\ \Phi_{441}^{2}\ \Phi_{294}^{2}\ \Phi_{126}^{2}\ \Phi_{98}^{2}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100958	1474	750	$\frac{13}{750}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{750}^{2}\ \Phi_{375}^{2}\ \Phi_{250}^{2}\ \Phi_{150}^{2}\ \Phi_{125}^{2}\ \Phi_{75}^{2}\ \Phi_{50}^{2}\ \Phi_{30}^{2}\ \Phi_{25}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100959	1474	840	$\frac{2}{105}$	$\frac{103}{840}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{140}^{2}\ \Phi_{120}^{2}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100960	1474	756	$\frac{19}{756}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{756}^{2}\ \Phi_{378}^{2}\ \Phi_{252}^{2}\ \Phi_{189}^{2}\ \Phi_{126}^{2}\ \Phi_{108}^{2}\ \Phi_{84}^{2}\ \Phi_{63}^{2}\ \Phi_{54}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100961	1474	276	$\frac{2}{69}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{276}^{6}\ \Phi_{138}^{6}\ \Phi_{92}^{6}\ \Phi_{69}^{4}\ \Phi_{46}^{6}\ \Phi_{23}^{4}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100962	1474	1098	$\frac{5}{366}$	$\frac{1}{6}$	$\frac{361}{1098}$	$\frac{1}{3}$	$\Phi_{1098}^{2}\ \Phi_{549}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100963	1474	396	$\frac{1}{33}$	$\frac{1}{12}$	$\frac{32}{99}$	$\frac{1}{3}$	$\Phi_{396}^{6}\ \Phi_{198}^{6}\ \Phi_{99}^{4}\ \Phi_{36}^{6}\ \Phi_{18}^{6}\ \Phi_{12}^{2}\ \Phi_{9}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100964	1474	1080	$\frac{17}{360}$	$\frac{1}{18}$	$\frac{343}{1080}$	$\frac{1}{3}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{216}^{2}\ \Phi_{135}^{2}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100965	1474	756	$\frac{19}{756}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{756}^{2}\ \Phi_{378}^{2}\ \Phi_{252}^{2}\ \Phi_{189}^{2}\ \Phi_{126}^{2}\ \Phi_{108}^{2}\ \Phi_{84}^{2}\ \Phi_{63}^{2}\ \Phi_{54}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100966	1474	1020	$\frac{1}{68}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}^{2}\ \Phi_{255}\ \Phi_{204}^{2}\ \Phi_{170}^{2}\ \Phi_{102}^{2}\ \Phi_{85}^{2}\ \Phi_{68}^{2}\ \Phi_{60}\ \Phi_{51}^{2}\ \Phi_{34}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{17}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
100967	1474	984	$\frac{1}{82}$	$\frac{81}{328}$	$\frac{247}{984}$	$\frac{1}{3}$	$\Phi_{984}\ \Phi_{492}\ \Phi_{328}^{2}\ \Phi_{246}^{2}\ \Phi_{164}^{2}\ \Phi_{123}^{2}\ \Phi_{82}^{2}\ \Phi_{41}^{2}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100968	1474	972	$\frac{8}{243}$	$\frac{1}{9}$	$\frac{235}{972}$	$\frac{1}{3}$	$\Phi_{972}^{2}\ \Phi_{486}^{2}\ \Phi_{324}^{2}\ \Phi_{162}^{2}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100969	1474	264	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{21}{88}$	$\frac{1}{3}$	$\Phi_{264}^{7}\ \Phi_{132}^{3}\ \Phi_{88}^{8}\ \Phi_{66}^{4}\ \Phi_{44}^{4}\ \Phi_{33}^{4}\ \Phi_{24}^{7}\ \Phi_{22}^{4}\ \Phi_{12}^{5}\ \Phi_{11}^{4}\ \Phi_{8}^{8}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
100970	1474	72	$\frac{1}{18}$	$\frac{5}{72}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{72}^{20}\ \Phi_{36}^{20}\ \Phi_{24}^{20}\ \Phi_{18}^{22}\ \Phi_{12}^{20}\ \Phi_{9}^{22}\ \Phi_{8}^{20}\ \Phi_{6}^{22}\ \Phi_{4}^{20}\ \Phi_{3}^{21}\ \Phi_{2}^{22}\ \Phi_{1}^{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
100971	1474	966	$\frac{2}{69}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{966}^{2}\ \Phi_{483}\ \Phi_{322}^{2}\ \Phi_{161}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{23}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100972	1474	810	$\frac{1}{18}$	$\frac{73}{810}$	$\frac{17}{90}$	$\frac{1}{3}$	$\Phi_{810}^{2}\ \Phi_{405}^{2}\ \Phi_{270}^{2}\ \Phi_{162}^{2}\ \Phi_{135}^{2}\ \Phi_{81}^{2}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100973	1474	660	$\frac{2}{33}$	$\frac{1}{12}$	$\frac{31}{165}$	$\frac{1}{3}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{220}^{2}\ \Phi_{165}^{2}\ \Phi_{110}^{3}\ \Phi_{60}^{3}\ \Phi_{55}^{2}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100974	1474	900	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{163}{900}$	$\frac{1}{3}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}^{2}\ \Phi_{225}^{2}\ \Phi_{150}^{2}\ \Phi_{100}^{2}\ \Phi_{75}^{2}\ \Phi_{50}^{2}\ \Phi_{25}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100975	1474	72	$\frac{5}{72}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{72}^{22}\ \Phi_{36}^{22}\ \Phi_{24}^{22}\ \Phi_{18}^{22}\ \Phi_{12}^{12}\ \Phi_{9}^{22}\ \Phi_{8}^{22}\ \Phi_{6}^{14}\ \Phi_{4}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
100976	1474	864	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{127}{864}$	$\frac{1}{3}$	$\Phi_{864}^{2}\ \Phi_{432}^{2}\ \Phi_{288}^{2}\ \Phi_{216}^{2}\ \Phi_{108}^{2}\ \Phi_{96}^{2}\ \Phi_{54}^{2}\ \Phi_{32}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100977	1474	924	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{3}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{231}\ \Phi_{154}^{2}\ \Phi_{84}^{2}\ \Phi_{77}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100978	1474	810	$\frac{73}{810}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{810}^{2}\ \Phi_{405}^{2}\ \Phi_{270}^{2}\ \Phi_{162}^{2}\ \Phi_{135}^{2}\ \Phi_{90}^{2}\ \Phi_{54}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100979	1474	1386	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{32}{99}$	$\Phi_{1386}^{2}\ \Phi_{693}\ \Phi_{198}^{2}\ \Phi_{126}^{2}\ \Phi_{99}^{2}\ \Phi_{63}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100980	1474	780	$\frac{4}{65}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{61}{195}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}\ \Phi_{156}^{2}\ \Phi_{130}^{2}\ \Phi_{78}^{2}\ \Phi_{65}^{2}\ \Phi_{60}^{3}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{30}^{3}\ \Phi_{26}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{13}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100981	1474	2208	$\frac{1}{23}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
100982	1474	756	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{189}$	$\Phi_{756}^{3}\ \Phi_{378}^{3}\ \Phi_{189}^{2}\ \Phi_{108}^{3}\ \Phi_{54}^{3}\ \Phi_{36}^{3}\ \Phi_{27}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100983	1474	210	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{210}^{10}\ \Phi_{105}^{9}\ \Phi_{70}^{2}\ \Phi_{42}^{10}\ \Phi_{35}^{2}\ \Phi_{30}^{10}\ \Phi_{21}^{9}\ \Phi_{15}^{10}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{6}^{10}\ \Phi_{5}^{2}\ \Phi_{3}^{10}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100984	1474	1140	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1140}^{2}\ \Phi_{570}^{2}\ \Phi_{285}\ \Phi_{228}^{2}\ \Phi_{114}^{2}\ \Phi_{76}^{2}\ \Phi_{60}^{2}\ \Phi_{57}\ \Phi_{38}^{2}\ \Phi_{30}^{2}\ \Phi_{19}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100985	1474	180	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{7}{30}$	$\frac{23}{90}$	$\Phi_{180}^{12}\ \Phi_{90}^{10}\ \Phi_{60}^{3}\ \Phi_{45}^{10}\ \Phi_{36}^{12}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{18}^{10}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{10}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100986	1474	1840	$\frac{1}{23}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}\ \Phi_{46}$
100987	1474	616	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{21}{88}$	$\Phi_{616}^{3}\ \Phi_{308}^{3}\ \Phi_{88}^{4}\ \Phi_{56}^{3}\ \Phi_{44}^{4}\ \Phi_{28}^{3}\ \Phi_{14}^{2}\ \Phi_{8}^{4}\ \Phi_{7}\ \Phi_{4}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100988	1474	504	$\frac{5}{72}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{504}^{3}\ \Phi_{252}^{3}\ \Phi_{168}^{3}\ \Phi_{126}^{3}\ \Phi_{84}^{4}\ \Phi_{72}^{4}\ \Phi_{63}^{3}\ \Phi_{56}^{3}\ \Phi_{36}^{4}\ \Phi_{28}^{3}\ \Phi_{24}^{4}\ \Phi_{18}^{4}\ \Phi_{14}^{2}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{7}\ \Phi_{4}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
100989	1474	154	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{154}^{12}\ \Phi_{77}^{7}\ \Phi_{22}^{12}\ \Phi_{14}^{14}\ \Phi_{11}^{6}\ \Phi_{7}^{8}\ \Phi_{2}^{14}\ \Phi_{1}^{8}$
100990	1475	1176	$\frac{1}{294}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{293}{588}$	$\Phi_{1176}^{2}\ \Phi_{588}\ \Phi_{392}^{2}\ \Phi_{196}\ \Phi_{168}^{2}\ \Phi_{84}\ \Phi_{56}^{2}\ \Phi_{28}\ \Phi_{24}^{2}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
100991	1475	536	$\frac{1}{134}$	$\frac{27}{268}$	$\frac{241}{536}$	$\frac{133}{268}$	$\Phi_{536}^{5}\ \Phi_{268}\ \Phi_{8}^{5}\ \Phi_{4}\ \Phi_{1}$
100992	1475	1752	$\frac{3}{292}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{289}{584}$	$\Phi_{1752}^{2}\ \Phi_{584}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
100993	1475	2904	$\frac{23}{1452}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{1429}{2904}$	$\Phi_{2904}\ \Phi_{968}\ \Phi_{264}\ \Phi_{88}\ \Phi_{44}\ \Phi_{24}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
100994	1475	2904	$\frac{23}{1452}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1429}{2904}$	$\Phi_{2904}\ \Phi_{968}\ \Phi_{264}\ \Phi_{88}\ \Phi_{33}\ \Phi_{24}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
100995	1475	1392	$\frac{1}{58}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{57}{116}$	$\Phi_{1392}^{2}\ \Phi_{464}^{2}\ \Phi_{116}\ \Phi_{48}^{3}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
100996	1475	3132	$\frac{1}{58}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{57}{116}$	$\Phi_{3132}\ \Phi_{1044}\ \Phi_{116}\ \Phi_{108}\ \Phi_{36}\ \Phi_{27}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
100997	1475	1044	$\frac{1}{58}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{57}{116}$	$\Phi_{1044}^{2}\ \Phi_{522}^{2}\ \Phi_{261}^{2}\ \Phi_{116}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{4}\ \Phi_{1}$
100998	1475	812	$\frac{1}{58}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{57}{116}$	$\Phi_{812}^{2}\ \Phi_{406}^{2}\ \Phi_{203}^{2}\ \Phi_{116}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{4}\ \Phi_{1}$
100999	1475	928	$\frac{1}{58}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{57}{116}$	$\Phi_{928}^{2}\ \Phi_{464}^{2}\ \Phi_{116}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
101000	1475	348	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{57}{116}$	$\Phi_{348}^{8}\ \Phi_{116}^{9}\ \Phi_{12}^{8}\ \Phi_{6}^{4}\ \Phi_{4}^{9}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
101001	1475	396	$\frac{2}{99}$	$\frac{1}{11}$	$\frac{101}{396}$	$\frac{97}{198}$	$\Phi_{396}^{5}\ \Phi_{132}^{5}\ \Phi_{99}^{5}\ \Phi_{44}^{5}\ \Phi_{36}^{5}\ \Phi_{33}^{5}\ \Phi_{12}^{5}\ \Phi_{11}^{4}\ \Phi_{9}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
101002	1475	576	$\frac{7}{288}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{281}{576}$	$\Phi_{576}^{5}\ \Phi_{192}^{5}\ \Phi_{64}^{5}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
101003	1475	572	$\frac{9}{286}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{277}{572}$	$\Phi_{572}^{5}\ \Phi_{52}^{5}\ \Phi_{44}^{5}\ \Phi_{11}^{4}\ \Phi_{4}^{5}\ \Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
101004	1475	1782	$\frac{10}{297}$	$\frac{1}{11}$	$\frac{307}{1782}$	$\frac{287}{594}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{297}\ \Phi_{162}\ \Phi_{99}\ \Phi_{81}\ \Phi_{33}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
101005	1475	1482	$\frac{2}{57}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{494}\ \Phi_{247}\ \Phi_{78}^2\ \Phi_{57}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{19}\ \Phi_{13}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
101006	1475	1392	$\frac{1}{29}$	$\frac{1}{24}$	$\frac{28}{87}$	$\frac{23}{48}$	$\Phi_{1392}^2\ \Phi_{464}^2\ \Phi_{87}\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{3}\ \Phi_{1}$
101007	1475	1936	$\frac{1}{22}$	$\frac{23}{484}$	$\frac{461}{1936}$	$\frac{21}{44}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
101008	1475	1584	$\frac{1}{22}$	$\frac{109}{1584}$	$\frac{23}{132}$	$\frac{21}{44}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
101009	1475	2816	$\frac{1}{22}$	$\frac{67}{1408}$	$\frac{21}{88}$	$\frac{1341}{2816}$	$\Phi_{2816}\ \Phi_{256}\ \Phi_{88}\ \Phi_{44}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
101010	1475	1040	$\frac{1}{26}$	$\frac{1}{20}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{1040}^2\ \Phi_{260}^2\ \Phi_{208}^2\ \Phi_{130}^2\ \Phi_{80}\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{20}\ \Phi_{16}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
101011	1475	1456	$\frac{1}{26}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{1456}^2\ \Phi_{208}^2\ \Phi_{112}\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
101012	1475	66	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{7}{66}$	$\frac{31}{66}$	$\Phi_{66}^{20}\ \Phi_{33}^{25}\ \Phi_{22}^{20}\ \Phi_{11}^{24}\ \Phi_{6}^{20}\ \Phi_{3}^{25}\ \Phi_{2}^{20}\ \Phi_{1}^{25}$
101013	1475	2772	$\frac{89}{1386}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1297}{2772}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{132}\ \Phi_{99}\ \Phi_{84}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{28}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
101014	1475	1430	$\frac{1}{26}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{1430}\ \Phi_{715}\ \Phi_{286}\ \Phi_{143}\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{55}\ \Phi_{26}\ \Phi_{13}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
101015	1475	936	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{72}\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
101016	1475	1404	$\frac{1}{26}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{1404}^2\ \Phi_{468}^2\ \Phi_{156}^2\ \Phi_{108}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{36}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
101017	1475	536	$\frac{2}{67}$	$\frac{27}{268}$	$\frac{13}{67}$	$\frac{241}{536}$	$\Phi_{536}^5\ \Phi_{67}^2\ \Phi_{8}^5\ \Phi_{1}^3$
101018	1475	1584	$\frac{109}{1584}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{198}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
101019	1475	528	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{31}{264}$	$\frac{233}{528}$	$\Phi_{528}^5\ \Phi_{176}^5\ \Phi_{48}^5\ \Phi_{33}^5\ \Phi_{16}^5\ \Phi_{11}^4\ \Phi_{3}^5\ \Phi_{1}^5$
101020	1475	912	$\frac{9}{304}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}\ \Phi_{228}^2\ \Phi_{152}\ \Phi_{114}^2\ \Phi_{76}\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
101021	1475	132	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{3}{22}$	$\frac{19}{44}$	$\Phi_{132}^{22}\ \Phi_{66}^3\ \Phi_{44}^{15}\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{12}^{22}\ \Phi_{11}^2\ \Phi_{6}^3\ \Phi_{4}^{15}\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
101022	1475	1554	$\frac{1}{37}$	$\frac{36}{259}$	$\frac{1}{6}$	$\frac{223}{518}$	$\Phi_{1554}\ \Phi_{777}\ \Phi_{259}\ \Phi_{222}^2\ \Phi_{111}^2\ \Phi_{74}\ \Phi_{42}\ \Phi_{37}\ \Phi_{21}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
101023	1475	1300	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{1300}^2\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{100}\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
101024	1475	308	$\frac{13}{308}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{308}^5\ \Phi_{154}^5\ \Phi_{77}^5\ \Phi_{44}^5\ \Phi_{28}^5\ \Phi_{14}^5\ \Phi_{11}^4\ \Phi_{7}^5\ \Phi_{4}^5\ \Phi_{1}^5$
101025	1475	67	$\frac{2}{67}$	$\frac{8}{67}$	$\frac{13}{67}$	$\frac{27}{67}$	$\Phi_{67}^{22}\ \Phi_{1}^{23}$
101026	1475	2412	$\frac{1}{134}$	$\frac{269}{1206}$	$\frac{133}{402}$	$\frac{937}{2412}$	$\Phi_{2412}\ \Phi_{804}\ \Phi_{402}\ \Phi_{268}\ \Phi_{201}\ \Phi_{36}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
101027	1475	1248	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{1248}^2\ \Phi_{416}^2\ \Phi_{156}^2\ \Phi_{96}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
101028	1475	1584	$\frac{1}{22}$	$\frac{109}{1584}$	$\frac{21}{88}$	$\frac{67}{176}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
101029	1475	2376	$\frac{10}{297}$	$\frac{1}{11}$	$\frac{287}{1188}$	$\frac{901}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{297}\ \Phi_{264}\ \Phi_{216}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{33}\ \Phi_{27}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
101030	1475	2144	$\frac{1}{134}$	$\frac{133}{536}$	$\frac{669}{2144}$	$\frac{403}{1072}$	$\Phi_{2144}\ \Phi_{536}\ \Phi_{268}\ \Phi_{32}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
101031	1475	2376	$\frac{2}{297}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{297}\ \Phi_{264}\ \Phi_{216}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
101032	1475	3528	$\frac{1}{147}$	$\frac{1}{4}$	$\frac{146}{441}$	$\frac{3}{8}$	$\Phi_{3528}\ \Phi_{504}\ \Phi_{441}\ \Phi_{72}\ \Phi_{63}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
101033	1475	392	$\frac{1}{98}$	$\frac{97}{392}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{392}^3\ \Phi_{196}^5\ \Phi_{98}^4\ \Phi_{56}^3\ \Phi_{49}^4\ \Phi_{28}^5\ \Phi_{14}^4\ \Phi_{8}^4\ \Phi_{7}^4\ \Phi_{4}^5\ \Phi_{2}^4\ \Phi_{1}^5$
101034	1475	1176	$\frac{2}{147}$	$\frac{29}{147}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1176}^2\ \Phi_{392}^2\ \Phi_{168}^2\ \Phi_{147}^2\ \Phi_{56}^2\ \Phi_{49}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^3$
101035	1475	120	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^{20}\ \Phi_{60}^5\ \Phi_{40}^{20}\ \Phi_{30}^5\ \Phi_{24}^{18}\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_{8}^{19}\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
101036	1475	2408	$\frac{6}{301}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2408}\ \Phi_{344}\ \Phi_{301}\ \Phi_{43}\ \Phi_8\ \Phi_1$
101037	1475	2744	$\frac{1}{49}$	$\frac{48}{343}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2744}\ \Phi_{343}\ \Phi_8\ \Phi_1$
101038	1475	336	$\frac{1}{42}$	$\frac{41}{336}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{336}^5\ \Phi_{168}^3\ \Phi_{112}^5\ \Phi_{84}^5\ \Phi_{56}^3\ \Phi_{48}^5\ \Phi_{42}^4\ \Phi_{28}^5\ \Phi_{24}^3\ \Phi_{21}^4\ \Phi_{16}^5\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_7^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
101039	1475	832	$\frac{1}{26}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{832}^2\ \Phi_{416}^2\ \Phi_{208}^2\ \Phi_{64}\ \Phi_{52}^2\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_4\ \Phi_1$
101040	1475	616	$\frac{13}{308}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}^4\ \Phi_{308}\ \Phi_{154}\ \Phi_{88}^4\ \Phi_{77}\ \Phi_{56}^2\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{11}\ \Phi_8^3\ \Phi_4\ \Phi_1$
101041	1475	504	$\frac{1}{21}$	$\frac{4}{63}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^5\ \Phi_{168}^4\ \Phi_{72}^5\ \Phi_{63}^5\ \Phi_{56}^4\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_9^5\ \Phi_8^5\ \Phi_7^4\ \Phi_3^4\ \Phi_1^5$
101042	1475	1518	$\frac{43}{1518}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{253}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{33}\ \Phi_{23}\ \Phi_3\ \Phi_1$
101043	1475	1170	$\frac{1}{26}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{1170}\ \Phi_{585}\ \Phi_{390}^2\ \Phi_{234}\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{117}\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{45}\ \Phi_{39}^2\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
101044	1475	2244	$\frac{1}{22}$	$\frac{21}{374}$	$\frac{353}{1122}$	$\frac{769}{2244}$	$\Phi_{2244}\ \Phi_{748}\ \Phi_{374}\ \Phi_{204}\ \Phi_{187}\ \Phi_{132}\ \Phi_{68}\ \Phi_{44}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
101045	1475	444	$\frac{1}{74}$	$\frac{1}{6}$	$\frac{73}{222}$	$\frac{149}{444}$	$\Phi_{444}^5\ \Phi_{222}^2\ \Phi_{148}^5\ \Phi_{111}^2\ \Phi_{74}\ \Phi_{37}\ \Phi_{12}^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
101046	1475	783	$\frac{1}{29}$	$\frac{2}{27}$	$\frac{28}{87}$	$\frac{1}{3}$	$\Phi_{783}^2\ \Phi_{261}^2\ \Phi_{87}\ \Phi_{27}^3\ \Phi_9^3\ \Phi_3\ \Phi_1$
101047	1475	2178	$\frac{23}{726}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{703}{2178}$	$\Phi_{2178}\ \Phi_{1089}\ \Phi_{198}\ \Phi_{99}\ \Phi_{33}\ \Phi_{18}\ \Phi_9\ \Phi_3\ \Phi_1$
101048	1475	1044	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{28}{87}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{261}^2\ \Phi_{87}\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_3\ \Phi_1$
101049	1475	2436	$\frac{1}{29}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{28}{87}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{609}\ \Phi_{87}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_3\ \Phi_1$
101050	1475	2784	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{28}{87}$	$\Phi_{2784}\ \Phi_{1392}\ \Phi_{96}\ \Phi_{87}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_3\ \Phi_1$
101051	1475	174	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{28}{87}$	$\Phi_{174}^8\ \Phi_{87}^9\ \Phi_{58}^8\ \Phi_{29}^8\ \Phi_6^{12}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
101052	1475	432	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{137}{432}$	$\Phi_{432}^5\ \Phi_{216}^5\ \Phi_{108}^5\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
101053	1475	429	$\frac{9}{143}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{134}{429}$	$\Phi_{429}^5\ \Phi_{39}^5\ \Phi_{33}^5\ \Phi_{11}^4\ \Phi_3^5\ \Phi_1^5$
101054	1475	363	$\frac{23}{363}$	$\frac{1}{11}$	$\frac{68}{363}$	$\frac{10}{33}$	$\Phi_{363}^4\ \Phi_{121}^4\ \Phi_{33}^5\ \Phi_{11}^4\ \Phi_3^5\ \Phi_1^5$
101055	1475	1584	$\frac{109}{1584}$	$\frac{1}{11}$	$\frac{23}{132}$	$\frac{10}{33}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
101056	1475	2112	$\frac{1}{22}$	$\frac{67}{704}$	$\frac{21}{88}$	$\frac{637}{2112}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
101057	1475	1092	$\frac{1}{26}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{273}^2\ \Phi_{156}^2\ \Phi_{84}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{42}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{21}\ \Phi_{13}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
101058	1475	312	$\frac{17}{312}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{312}^5\ \Phi_{156}^5\ \Phi_{104}^5\ \Phi_{78}^5\ \Phi_{52}^5\ \Phi_{39}^5\ \Phi_{26}^5\ \Phi_{24}^2\ \Phi_{13}^5\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
101059	1475	2079	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{693}$	$\frac{604}{2079}$	$\Phi_{2079}\ \Phi_{297}\ \Phi_{189}\ \Phi_{99}\ \Phi_{33}\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1$
101060	1475	936	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{36}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
101061	1475	402	$\frac{2}{67}$	$\frac{13}{67}$	$\frac{27}{134}$	$\frac{107}{402}$	$\Phi_{402}^5\ \Phi_{201}^5\ \Phi_{67}^2\ \Phi_6^5\ \Phi_3^5\ \Phi_1^3$
101062	1475	396	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{31}{132}$	$\frac{101}{396}$	$\Phi_{396}^5\ \Phi_{198}^5\ \Phi_{99}^5\ \Phi_{36}^5\ \Phi_{33}^5\ \Phi_{18}^5\ \Phi_{11}^4\ \Phi_9^5\ \Phi_3^5\ \Phi_1^5$
101063	1475	352	$\frac{1}{22}$	$\frac{57}{352}$	$\frac{67}{352}$	$\frac{21}{88}$	$\Phi_{352}^4\ \Phi_{176}^4\ \Phi_{88}^5\ \Phi_{44}^5\ \Phi_{32}^4\ \Phi_{22}^4\ \Phi_{16}^4\ \Phi_{11}^4\ \Phi_8^5\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
101064	1475	384	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{89}{384}$	$\Phi_{384}^5\ \Phi_{192}^5\ \Phi_{128}^5\ \Phi_{64}^5\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
101065	1475	192	$\frac{5}{64}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{32}$	$\Phi_{192}^{10}\ \Phi_{96}^8\ \Phi_{64}^5\ \Phi_{48}^8\ \Phi_{32}^4\ \Phi_{24}^{10}\ \Phi_{16}^4\ \Phi_{12}^{10}\ \Phi_8^5\ \Phi_6^9\ \Phi_4^5\ \Phi_3^9\ \Phi_2^4\ \Phi_1^5$
101066	1475	222	$\frac{2}{37}$	$\frac{1}{6}$	$\frac{7}{37}$	$\frac{15}{74}$	$\Phi_{222}^8\ \Phi_{111}^8\ \Phi_{74}^3\ \Phi_{37}^5\ \Phi_6^7\ \Phi_3^7\ \Phi_2^2\ \Phi_1^5$
101067	1475	72	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{13}{72}$	$\Phi_{72}^{20}\ \Phi_{36}^{20}\ \Phi_{24}^{22}\ \Phi_{18}^{20}\ \Phi_{12}^{22}\ \Phi_9^{20}\ \Phi_8^{21}\ \Phi_6^{21}\ \Phi_4^{21}\ \Phi_3^{21}\ \Phi_2^{20}\ \Phi_1^{21}$
101068	1475	67	$\frac{7}{67}$	$\frac{8}{67}$	$\frac{11}{67}$	$\frac{12}{67}$	$\Phi_{67}^{22}\ \Phi_1^{23}$
101069	1475	336	$\frac{41}{336}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{6}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{24}^2\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{12}^2\ \Phi_8\ \Phi_7^5\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
101070	1476	2208	$\frac{1}{368}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{367}{736}$	$\Phi_{2208}\ \Phi_{736}^2\ \Phi_{96}\ \Phi_{32}^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
101071	1476	590	$\frac{1}{295}$	$\frac{74}{295}$	$\frac{221}{590}$	$\frac{147}{295}$	$\Phi_{590}^4\ \Phi_{295}\ \Phi_{118}^4\ \Phi_{59}\ \Phi_{10}^4\ \Phi_5\ \Phi_2^4\ \Phi_1^2$
101072	1476	245	$\frac{1}{245}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{122}{245}$	$\Phi_{245}^6\ \Phi_{49}^6\ \Phi_{35}^6\ \Phi_7^6\ \Phi_5^7\ \Phi_1^8$
101073	1476	2940	$\frac{1}{245}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{122}{245}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{588}\ \Phi_{420}\ \Phi_{294}\ \Phi_{210}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
101074	1476	1475	$\frac{7}{1475}$	$\frac{247}{1475}$	$\frac{614}{1475}$	$\frac{734}{1475}$	$\Phi_{1475}\ \Phi_{295}\ \Phi_{59}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
101075	1476	1972	$\frac{3}{493}$	$\frac{1}{4}$	$\frac{124}{493}$	$\frac{245}{493}$	$\Phi_{1972}\ \Phi_{986}\ \Phi_{116}\ \Phi_{68}\ \Phi_{58}\ \Phi_{34}$
101076	1476	1475	$\frac{9}{1475}$	$\frac{368}{1475}$	$\frac{371}{1475}$	$\frac{733}{1475}$	$\Phi_{1475}\ \Phi_{295}\ \Phi_{59}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
101077	1476	2608	$\frac{1}{163}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{81}{163}$	$\Phi_{2608}\ \Phi_{163}\ \Phi_{16}^2\ \Phi_1^2$
101078	1476	652	$\frac{1}{163}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{81}{163}$	$\Phi_{652}^2\ \Phi_{326}^2\ \Phi_{163}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
101079	1476	2217	$\frac{5}{739}$	$\frac{124}{739}$	$\frac{1}{3}$	$\frac{367}{739}$	Φ_{2217}
101080	1476	2684	$\frac{1}{122}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{121}{244}$	$\Phi_{2684}\ \Phi_{244}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
101081	1476	5124	$\frac{1}{122}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{121}{244}$	$\Phi_{5124}\ \Phi_{84}\ \Phi_{21}$
101082	1476	2684	$\frac{1}{122}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{121}{244}$	$\Phi_{2684}\ \Phi_{244}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
101083	1476	1220	$\frac{1}{122}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{121}{244}$	$\Phi_{1220}\ \Phi_{610}^2\ \Phi_{305}^2\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
101084	1476	1475	$\frac{13}{1475}$	$\frac{248}{1475}$	$\frac{409}{1475}$	$\frac{731}{1475}$	$\Phi_{1475}\ \Phi_{295}\ \Phi_{59}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
101085	1476	1972	$\frac{5}{493}$	$\frac{83}{493}$	$\frac{1}{4}$	$\frac{244}{493}$	$\Phi_{1972}\ \Phi_{986}\ \Phi_{116}\ \Phi_{68}\ \Phi_{58}\ \Phi_{34}$
101086	1476	730	$\frac{4}{365}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{361}{730}$	$\Phi_{730}^4\ \Phi_{146}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
101087	1476	1377	$\frac{1}{81}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{40}{81}$	$\Phi_{1377}\ \Phi_{459}\ \Phi_{153}\ \Phi_{81}^2\ \Phi_{51}\ \Phi_{27}^2\ \Phi_{17}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
101088	1476	810	$\frac{1}{81}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{40}{81}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_2^2$
101089	1476	1377	$\frac{1}{81}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{40}{81}$	$\Phi_{1377}\ \Phi_{459}\ \Phi_{153}\ \Phi_{81}^2\ \Phi_{51}\ \Phi_{27}^2\ \Phi_{17}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
101090	1476	2268	$\frac{1}{81}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{40}{81}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
101091	1476	1475	$\frac{19}{1475}$	$\frac{83}{1475}$	$\frac{696}{1475}$	$\frac{728}{1475}$	$\Phi_{1475}\ \Phi_{295}\ \Phi_{59}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
101092	1476	740	$\frac{1}{74}$	$\frac{25}{148}$	$\frac{1}{5}$	$\frac{73}{148}$	$\Phi_{740}^2\ \Phi_{370}^3\ \Phi_{185}^3\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
101093	1476	236	$\frac{1}{59}$	$\frac{5}{118}$	$\frac{113}{236}$	$\frac{29}{59}$	$\Phi_{236}^{12}\ \Phi_{59}\ \Phi_4^{12}\ \Phi_1^2$
101094	1476	59	$\frac{1}{59}$	$\frac{5}{59}$	$\frac{18}{59}$	$\frac{29}{59}$	$\Phi_{59}^{25}\ \Phi_1^{26}$
101095	1476	413	$\frac{1}{59}$	$\frac{44}{413}$	$\frac{15}{59}$	$\frac{29}{59}$	$\Phi_{413}^4\ \Phi_{59}\ \Phi_7^4\ \Phi_1^2$
101096	1476	472	$\frac{1}{59}$	$\frac{15}{118}$	$\frac{103}{472}$	$\frac{29}{59}$	$\Phi_{472}^4\ \Phi_{236}^4\ \Phi_{59}\ \Phi_8^4\ \Phi_4^4\ \Phi_1^2$
101097	1476	295	$\frac{1}{59}$	$\frac{49}{295}$	$\frac{10}{59}$	$\frac{29}{59}$	$\Phi_{295}^6\ \Phi_{59}\ \Phi_5^6\ \Phi_1^2$
101098	1476	725	$\frac{13}{725}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{356}{725}$	$\Phi_{725}^2\ \Phi_{145}^2\ \Phi_{29}^2\ \Phi_{25}^3\ \Phi_5^3\ \Phi_1^4$
101099	1476	110	$\frac{1}{55}$	$\frac{1}{10}$	$\frac{14}{55}$	$\frac{27}{55}$	$\Phi_{110}^{15}\ \Phi_{55}^{12}\ \Phi_{22}^{15}\ \Phi_{11}^{12}\ \Phi_{10}^{14}\ \Phi_5^{11}\ \Phi_2^{14}\ \Phi_1^{12}$
101100	1476	1729	$\frac{5}{247}$	$\frac{1}{7}$	$\frac{42}{247}$	$\frac{121}{247}$	$\Phi_{1729}\ \Phi_{133}\ \Phi_{91}$
101101	1476	1475	$\frac{31}{1475}$	$\frac{204}{1475}$	$\frac{251}{1475}$	$\frac{722}{1475}$	$\Phi_{1475}\ \Phi_{295}\ \Phi_{59}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
101102	1476	1972	$\frac{11}{493}$	$\frac{42}{493}$	$\frac{1}{4}$	$\frac{241}{493}$	$\Phi_{1972}\ \Phi_{986}\ \Phi_{116}\ \Phi_{68}\ \Phi_{58}\ \Phi_{34}$
101103	1476	1475	$\frac{33}{1475}$	$\frac{122}{1475}$	$\frac{377}{1475}$	$\frac{721}{1475}$	$\Phi_{1475}\ \Phi_{295}\ \Phi_{59}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
101104	1476	2217	$\frac{17}{739}$	$\frac{42}{739}$	$\frac{1}{3}$	$\frac{361}{739}$	Φ_{2217}
101105	1476	560	$\frac{1}{40}$	$\frac{1}{35}$	$\frac{17}{35}$	$\frac{39}{80}$	$\Phi_{560}^5\ \Phi_{112}^5\ \Phi_{80}^6\ \Phi_{35}\ \Phi_{16}^6\ \Phi_7\ \Phi_5\ \Phi_1^2$
101106	1476	4560	$\frac{1}{40}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{4560}\ \Phi_{912}\ \Phi_{57}$
101107	1476	560	$\frac{1}{40}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{39}{80}$	$\Phi_{560}^5\ \Phi_{112}^5\ \Phi_{80}^6\ \Phi_{35}\ \Phi_{16}^6\ \Phi_7\ \Phi_5\ \Phi_1^2$
101108	1476	1040	$\frac{1}{40}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{39}{80}$	$\Phi_{1040}^3\ \Phi_{208}^3\ \Phi_{52}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
101109	1476	560	$\frac{1}{40}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{39}{80}$	$\Phi_{560}^{5}\ \Phi_{112}^{5}\ \Phi_{80}^{6}\ \Phi_{35}\ \Phi_{16}^{6}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
101110	1476	80	$\frac{1}{40}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{39}{80}$	$\Phi_{80}^{36}\ \Phi_{16}^{36}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
101111	1476	560	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{39}{80}$	$\Phi_{560}^{5}\ \Phi_{112}^{5}\ \Phi_{80}^{6}\ \Phi_{16}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
101112	1476	420	$\frac{1}{35}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{17}{35}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{105}^{5}\ \Phi_{84}^{5}\ \Phi_{60}^{6}\ \Phi_{42}^{5}\ \Phi_{35}\ \Phi_{30}^{6}\ \Phi_{21}^{5}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{7}\ \Phi_{6}^{6}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
101113	1476	1540	$\frac{1}{35}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{110}\ \Phi_{77}\ \Phi_{55}\ \Phi_{44}^{2}\ \Phi_{35}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
101114	1476	315	$\frac{1}{35}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{17}{35}$	$\Phi_{315}^{5}\ \Phi_{105}^{5}\ \Phi_{63}^{5}\ \Phi_{45}^{6}\ \Phi_{35}\ \Phi_{21}^{5}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
101115	1476	350	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{17}{35}$	$\Phi_{350}^{5}\ \Phi_{175}^{5}\ \Phi_{50}^{6}\ \Phi_{35}\ \Phi_{25}^{6}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
101116	1476	1680	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{17}{35}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}^{2}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{16}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
101117	1476	990	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{17}{99}$	$\frac{16}{33}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{330}\ \Phi_{198}^{2}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}^{2}\ \Phi_{66}\ \Phi_{55}\ \Phi_{45}^{2}\ \Phi_{30}\ \Phi_{22}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{6}$
101118	1476	476	$\frac{4}{119}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{115}{238}$	$\Phi_{476}^{4}\ \Phi_{119}^{4}\ \Phi_{68}^{5}\ \Phi_{34}\ \Phi_{28}^{4}\ \Phi_{17}^{4}\ \Phi_{7}^{4}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
101119	1476	348	$\frac{1}{29}$	$\frac{5}{87}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{348}^{6}\ \Phi_{174}^{6}\ \Phi_{116}^{5}\ \Phi_{58}^{5}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
101120	1476	475	$\frac{17}{475}$	$\frac{1}{25}$	$\frac{8}{25}$	$\frac{229}{475}$	$\Phi_{475}^{3}\ \Phi_{95}^{3}\ \Phi_{25}^{5}\ \Phi_{19}^{3}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
101121	1476	236	$\frac{2}{59}$	$\frac{5}{118}$	$\frac{19}{59}$	$\frac{113}{236}$	$\Phi_{236}^{12}\ \Phi_{59}\ \Phi_{4}^{12}\ \Phi_{1}^{2}$
101122	1476	236	$\frac{5}{118}$	$\frac{3}{59}$	$\frac{14}{59}$	$\frac{113}{236}$	$\Phi_{236}^{12}\ \Phi_{59}\ \Phi_{4}^{12}\ \Phi_{1}^{2}$
101123	1476	236	$\frac{5}{118}$	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{113}{236}$	$\Phi_{236}^{12}\ \Phi_{59}\ \Phi_{4}^{12}\ \Phi_{1}^{2}$
101124	1476	500	$\frac{1}{25}$	$\frac{6}{125}$	$\frac{131}{500}$	$\frac{119}{250}$	$\Phi_{500}^{4}\ \Phi_{125}^{4}\ \Phi_{100}^{4}\ \Phi_{25}^{3}\ \Phi_{20}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
101125	1476	2886	$\frac{1}{37}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{2886}\ \Phi_{962}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
101126	1476	546	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{37}{78}$	$\Phi_{546}^{6}\ \Phi_{182}^{6}\ \Phi_{91}\ \Phi_{42}^{6}\ \Phi_{14}^{6}$
101127	1476	133	$\frac{1}{19}$	$\frac{10}{133}$	$\frac{1}{7}$	$\frac{9}{19}$	$\Phi_{133}^{11}\ \Phi_{19}^{12}\ \Phi_{7}^{10}\ \Phi_{1}^{12}$
101128	1476	700	$\frac{1}{25}$	$\frac{19}{350}$	$\frac{6}{25}$	$\frac{331}{700}$	$\Phi_{700}^{4}\ \Phi_{140}^{4}\ \Phi_{100}^{4}\ \Phi_{28}^{4}\ \Phi_{25}^{3}\ \Phi_{20}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
101129	1476	714	$\frac{1}{42}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{714}^{2}\ \Phi_{357}^{2}\ \Phi_{238}^{2}\ \Phi_{119}^{2}\ \Phi_{102}^{2}\ \Phi_{51}\ \Phi_{42}^{4}\ \Phi_{34}^{2}\ \Phi_{21}^{4}\ \Phi_{17}^{2}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
101130	1476	340	$\frac{3}{85}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{340}^{6}\ \Phi_{170}^{6}\ \Phi_{68}^{5}\ \Phi_{34}^{5}\ \Phi_{20}^{6}\ \Phi_{10}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
101131	1476	918	$\frac{1}{27}$	$\frac{1}{17}$	$\frac{13}{54}$	$\frac{8}{17}$	$\Phi_{918}^{2}\ \Phi_{459}\ \Phi_{306}^{2}\ \Phi_{153}\ \Phi_{102}^{2}\ \Phi_{54}^{4}\ \Phi_{51}\ \Phi_{34}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{4}\ \Phi_{17}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
101132	1476	765	$\frac{1}{17}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{8}{17}$	$\Phi_{765}^{2}\ \Phi_{255}^{2}\ \Phi_{153}\ \Phi_{85}^{2}\ \Phi_{51}\ \Phi_{45}^{4}\ \Phi_{17}^{2}\ \Phi_{15}^{4}\ \Phi_{9}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
101133	1476	232	$\frac{1}{29}$	$\frac{7}{116}$	$\frac{1}{4}$	$\frac{109}{232}$	$\Phi_{232}^{12}\ \Phi_{116}\ \Phi_{58}\ \Phi_{8}^{12}$
101134	1476	770	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{36}{77}$	$\Phi_{770}^{2}\ \Phi_{385}^{2}\ \Phi_{154}^{2}\ \Phi_{110}^{3}\ \Phi_{70}^{2}\ \Phi_{55}^{3}\ \Phi_{35}^{2}\ \Phi_{22}^{3}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}$
101135	1476	90	$\frac{1}{15}$	$\frac{4}{45}$	$\frac{1}{10}$	$\frac{7}{15}$	$\Phi_{90}^{20}\ \Phi_{45}^{16}\ \Phi_{30}^{15}\ \Phi_{18}^{20}\ \Phi_{15}^{12}\ \Phi_{10}^{14}\ \Phi_{9}^{16}\ \Phi_{6}^{15}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{2}^{14}\ \Phi_{1}^{12}$
101136	1476	2072	$\frac{1}{37}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{2072}\ \Phi_{518}\ \Phi_{296}\ \Phi_{259}\ \Phi_{74}$
101137	1476	1375	$\frac{1}{25}$	$\frac{101}{1375}$	$\frac{24}{125}$	$\frac{637}{1375}$	$\Phi_{1375}\ \Phi_{275}\ \Phi_{125}^{2}\ \Phi_{55}\ \Phi_{25}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
101138	1476	910	$\frac{7}{130}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{910}^{2}\ \Phi_{455}^{2}\ \Phi_{182}^{2}\ \Phi_{91}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{14}^{2}$
101139	1476	532	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{1}{7}$	$\frac{35}{76}$	$\Phi_{532}^{6}\ \Phi_{133}\ \Phi_{28}^{6}$
101140	1476	50	$\frac{1}{25}$	$\frac{2}{25}$	$\frac{9}{50}$	$\frac{23}{50}$	$\Phi_{50}^{24}\ \Phi_{25}^{35}\ \Phi_{10}^{24}\ \Phi_{5}^{35}\ \Phi_{2}^{24}\ \Phi_{1}^{36}$
101141	1476	1554	$\frac{1}{42}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{1554}\ \Phi_{777}\ \Phi_{518}\ \Phi_{259}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
101142	1476	671	$\frac{1}{61}$	$\frac{1}{11}$	$\frac{20}{61}$	$\frac{5}{11}$	$\Phi_{671}^{2}\ \Phi_{61}^{4}\ \Phi_{11}^{3}\ \Phi_{1}^{6}$
101143	1476	924	$\frac{1}{42}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{924}^{2}\ \Phi_{462}\ \Phi_{308}^{2}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}^{2}\ \Phi_{84}^{4}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}^{2}\ \Phi_{33}\ \Phi_{28}^{4}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{4}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
101144	1476	220	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{11}$	$\Phi_{220}^{8}\ \Phi_{110}^{7}\ \Phi_{55}^{7}\ \Phi_{44}^{4}\ \Phi_{22}^{3}\ \Phi_{20}^{8}\ \Phi_{11}^{4}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
101145	1476	75	$\frac{1}{25}$	$\frac{7}{75}$	$\frac{4}{25}$	$\frac{34}{75}$	$\Phi_{75}^{18}\ \Phi_{25}^{23}\ \Phi_{15}^{18}\ \Phi_{5}^{23}\ \Phi_{3}^{18}\ \Phi_{1}^{24}$
101146	1476	150	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{1}{10}$	$\frac{34}{75}$	$\Phi_{150}^{10}\ \Phi_{75}^{8}\ \Phi_{50}^{10}\ \Phi_{30}^{15}\ \Phi_{25}^{8}\ \Phi_{15}^{12}\ \Phi_{10}^{14}\ \Phi_{6}^{15}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{2}^{14}\ \Phi_{1}^{12}$
101147	1476	380	$\frac{11}{380}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{380}^{4}\ \Phi_{190}^{4}\ \Phi_{95}^{4}\ \Phi_{76}^{4}\ \Phi_{38}^{4}\ \Phi_{19}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
101148	1476	370	$\frac{1}{37}$	$\frac{4}{37}$	$\frac{1}{5}$	$\frac{33}{74}$	$\Phi_{370}^{9}\ \Phi_{185}\ \Phi_{10}^{9}$
101149	1476	1475	$\frac{26}{1475}$	$\frac{161}{1475}$	$\frac{409}{1475}$	$\frac{657}{1475}$	$\Phi_{1475}\ \Phi_{295}\ \Phi_{59}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
101150	1476	2217	$\frac{10}{739}$	$\frac{81}{739}$	$\frac{1}{3}$	$\frac{329}{739}$	Φ_{2217}
101151	1476	295	$\frac{4}{295}$	$\frac{33}{295}$	$\frac{97}{295}$	$\frac{131}{295}$	$\Phi_{295}^{5}\ \Phi_{59}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
101152	1476	125	$\frac{2}{125}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{125}^{12}\ \Phi_{25}^{11}\ \Phi_{5}^{11}\ \Phi_{1}^{12}$
101153	1476	3984	$\frac{1}{83}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{3984}\ \Phi_{249}$
101154	1476	2608	$\frac{3}{163}$	$\frac{1}{8}$	$\frac{40}{163}$	$\frac{7}{16}$	$\Phi_{2608}\ \Phi_{163}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
101155	1476	1680	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{1680}^{2}\ \Phi_{560}^{2}\ \Phi_{240}^{2}\ \Phi_{210}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
101156	1476	1554	$\frac{1}{42}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{1554}\ \Phi_{777}\ \Phi_{518}\ \Phi_{259}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
101157	1476	2664	$\frac{1}{37}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{2664}\ \Phi_{888}\ \Phi_{296}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
101158	1476	1295	$\frac{4}{185}$	$\frac{181}{1295}$	$\frac{1}{5}$	$\frac{557}{1295}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}^{2}\ \Phi_{37}^{2}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
101159	1476	1475	$\frac{29}{1475}$	$\frac{241}{1475}$	$\frac{286}{1475}$	$\frac{617}{1475}$	$\Phi_{1475}\ \Phi_{295}\ \Phi_{59}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
101160	1476	1972	$\frac{7}{493}$	$\frac{81}{493}$	$\frac{1}{4}$	$\frac{206}{493}$	$\Phi_{1972}\ \Phi_{986}\ \Phi_{116}\ \Phi_{68}\ \Phi_{58}\ \Phi_{34}$
101161	1476	1776	$\frac{1}{37}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{592}\ \Phi_{296}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
101162	1476	2590	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{2590}\ \Phi_{518}\ \Phi_{370}\ \Phi_{259}\ \Phi_{74}$
101163	1476	625	$\frac{1}{25}$	$\frac{12}{125}$	$\frac{113}{625}$	$\frac{256}{625}$	$\Phi_{625}^{2}\ \Phi_{125}^{4}\ \Phi_{25}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
101164	1476	1860	$\frac{1}{124}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{465}\ \Phi_{372}^{2}\ \Phi_{186}^{2}\ \Phi_{93}^{2}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
101165	1476	245	$\frac{2}{245}$	$\frac{1}{5}$	$\frac{81}{245}$	$\frac{2}{5}$	$\Phi_{245}^{6}\ \Phi_{49}^{6}\ \Phi_{35}^{6}\ \Phi_{7}^{6}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
101166	1476	1660	$\frac{1}{83}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1660}\ \Phi_{830}\ \Phi_{332}^{2}\ \Phi_{166}^{2}$
101167	1476	490	$\frac{3}{245}$	$\frac{1}{5}$	$\frac{121}{490}$	$\frac{2}{5}$	$\Phi_{490}^{4}\ \Phi_{245}^{2}\ \Phi_{98}^{4}\ \Phi_{70}^{4}\ \Phi_{49}^{2}\ \Phi_{35}^{2}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
101168	1476	125	$\frac{2}{125}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{125}^{12}\ \Phi_{25}^{12}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
101169	1476	245	$\frac{1}{49}$	$\frac{8}{49}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{245}^{5}\ \Phi_{49}^{10}\ \Phi_{35}^{5}\ \Phi_{7}^{10}\ \Phi_{5}^{6}\ \Phi_{1}^{12}$
101170	1476	210	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{210}^{6}\ \Phi_{105}^{6}\ \Phi_{70}^{6}\ \Phi_{42}^{12}\ \Phi_{35}^{5}\ \Phi_{30}^{6}\ \Phi_{21}^{12}\ \Phi_{15}^{6}\ \Phi_{14}^{12}\ \Phi_{10}^{6}\ \Phi_{7}^{10}\ \Phi_{6}^{12}\ \Phi_{5}^{6}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
101171	1476	140	$\frac{1}{35}$	$\frac{17}{140}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{140}^{12}\ \Phi_{70}^{12}\ \Phi_{35}^{6}\ \Phi_{28}^{12}\ \Phi_{20}^{12}\ \Phi_{14}^{12}\ \Phi_{10}^{12}\ \Phi_{7}^{6}\ \Phi_{5}^{7}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{8}$
101172	1476	170	$\frac{3}{85}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{170}^{10}\ \Phi_{85}^{8}\ \Phi_{34}^{10}\ \Phi_{17}^{8}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
101173	1476	385	$\frac{16}{385}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{385}^{4}\ \Phi_{77}^{4}\ \Phi_{55}^{4}\ \Phi_{35}^{2}\ \Phi_{11}^{4}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
101174	1476	1475	$\frac{11}{1475}$	$\frac{329}{1475}$	$\frac{488}{1475}$	$\frac{573}{1475}$	$\Phi_{1475}\ \Phi_{295}\ \Phi_{59}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
101175	1476	200	$\frac{1}{25}$	$\frac{2}{25}$	$\frac{23}{100}$	$\frac{77}{200}$	$\Phi_{200}^{12}\ \Phi_{40}^{12}\ \Phi_{25}^{11}\ \Phi_{8}^{12}\ \Phi_{5}^{11}\ \Phi_{1}^{12}$
101176	1476	1612	$\frac{1}{124}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1612}\ \Phi_{806}\ \Phi_{403}\ \Phi_{52}\ \Phi_{26}$
101177	1476	400	$\frac{1}{25}$	$\frac{31}{400}$	$\frac{6}{25}$	$\frac{19}{50}$	$\Phi_{400}^{4}\ \Phi_{200}^{4}\ \Phi_{100}^{4}\ \Phi_{80}^{4}\ \Phi_{40}^{4}\ \Phi_{25}^{3}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
101178	1476	330	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{8}{33}$	$\frac{25}{66}$	$\Phi_{330}^{5}\ \Phi_{165}^{5}\ \Phi_{110}^{5}\ \Phi_{66}\ \Phi_{55}^{5}\ \Phi_{33}^{4}\ \Phi_{30}^{5}\ \Phi_{22}\ \Phi_{15}^{5}\ \Phi_{11}^{4}\ \Phi_{10}^{4}\ \Phi_{6}\ \Phi_{5}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
101179	1476	2960	$\frac{1}{74}$	$\frac{1}{5}$	$\frac{73}{296}$	$\frac{223}{592}$	$\Phi_{2960}\ \Phi_{370}\ \Phi_{185}\ \Phi_{80}\ \Phi_{10}$
101180	1476	1664	$\frac{5}{128}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{52}\ \Phi_{26}$
101181	1476	590	$\frac{3}{295}$	$\frac{73}{295}$	$\frac{74}{295}$	$\frac{221}{590}$	$\Phi_{590}^{4}\ \Phi_{295}\ \Phi_{118}^{4}\ \Phi_{59}\ \Phi_{10}^{4}\ \Phi_{5}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
101182	1476	1577	$\frac{1}{83}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	Φ_{1577}
101183	1476	1475	$\frac{23}{1475}$	$\frac{242}{1475}$	$\frac{411}{1475}$	$\frac{532}{1475}$	$\Phi_{1475}\ \Phi_{295}\ \Phi_{59}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
101184	1476	125	$\frac{2}{125}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{125}^{12}\ \Phi_{25}^{11}\ \Phi_{5}^{11}\ \Phi_{1}^{12}$
101185	1476	1554	$\frac{1}{42}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{1554}\ \Phi_{777}\ \Phi_{518}\ \Phi_{259}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
101186	1476	125	$\frac{1}{25}$	$\frac{8}{125}$	$\frac{39}{125}$	$\frac{43}{125}$	$\Phi_{125}^{12}\ \Phi_{25}^{11}\ \Phi_{5}^{11}\ \Phi_{1}^{12}$
101187	1476	806	$\frac{1}{31}$	$\frac{1}{13}$	$\frac{10}{31}$	$\frac{21}{62}$	$\Phi_{806}^{3}\ \Phi_{403}\ \Phi_{26}^{3}$
101188	1476	1475	$\frac{32}{1475}$	$\frac{163}{1475}$	$\frac{481}{1475}$	$\frac{497}{1475}$	$\Phi_{1475}\ \Phi_{295}\ \Phi_{59}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
101189	1476	1729	$\frac{4}{247}$	$\frac{1}{7}$	$\frac{81}{247}$	$\frac{83}{247}$	$\Phi_{1729}\ \Phi_{133}\ \Phi_{91}$
101190	1476	295	$\frac{4}{295}$	$\frac{49}{295}$	$\frac{97}{295}$	$\frac{99}{295}$	$\Phi_{295}^{5}\ \Phi_{59}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
101191	1476	185	$\frac{2}{185}$	$\frac{1}{5}$	$\frac{61}{185}$	$\frac{62}{185}$	$\Phi_{185}^{8}\ \Phi_{37}^{8}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
101192	1476	1475	$\frac{14}{1475}$	$\frac{327}{1475}$	$\frac{487}{1475}$	$\frac{494}{1475}$	$\Phi_{1475}\ \Phi_{295}\ \Phi_{59}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
101193	1476	1972	$\frac{4}{493}$	$\frac{1}{4}$	$\frac{163}{493}$	$\frac{165}{493}$	$\Phi_{1972}\ \Phi_{986}\ \Phi_{116}\ \Phi_{68}\ \Phi_{58}\ \Phi_{34}$
101194	1476	1475	$\frac{8}{1475}$	$\frac{489}{1475}$	$\frac{491}{1475}$	$\frac{493}{1475}$	$\Phi_{1475}\ \Phi_{295}\ \Phi_{59}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
101195	1476	2217	$\frac{4}{739}$	$\frac{245}{739}$	$\frac{1}{3}$	$\frac{247}{739}$	Φ_{2217}
101196	1476	552	$\frac{1}{184}$	$\frac{61}{184}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{552}^{2}\ \Phi_{276}^{2}\ \Phi_{184}^{4}\ \Phi_{138}^{2}\ \Phi_{92}^{4}\ \Phi_{69}^{2}\ \Phi_{46}^{4}\ \Phi_{24}^{2}\ \Phi_{23}^{4}\ \Phi_{12}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
101197	1476	372	$\frac{1}{124}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{372}^{3}\ \Phi_{186}^{3}\ \Phi_{124}^{6}\ \Phi_{93}^{3}\ \Phi_{62}^{6}\ \Phi_{31}^{6}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
101198	1476	1380	$\frac{1}{92}$	$\frac{91}{460}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}^{2}\ \Phi_{345}\ \Phi_{230}^{2}\ \Phi_{115}^{2}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
101199	1476	1128	$\frac{7}{376}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{376}^{2}\ \Phi_{282}\ \Phi_{188}^{2}\ \Phi_{141}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
101200	1476	138	$\frac{1}{46}$	$\frac{5}{46}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{138}^{8}\ \Phi_{69}^{8}\ \Phi_{46}^{16}\ \Phi_{23}^{16}\ \Phi_{6}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
101201	1476	210	$\frac{1}{42}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^{8}\ \Phi_{105}^{8}\ \Phi_{70}^{8}\ \Phi_{42}^{4}\ \Phi_{35}^{8}\ \Phi_{30}^{7}\ \Phi_{21}^{4}\ \Phi_{15}^{7}\ \Phi_{14}^{4}\ \Phi_{10}^{6}\ \Phi_{7}^{4}\ \Phi_{6}^{3}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
101202	1476	384	$\frac{5}{128}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{384}^{3}\ \Phi_{192}^{3}\ \Phi_{128}^{6}\ \Phi_{96}^{3}\ \Phi_{64}^{6}\ \Phi_{48}^{2}\ \Phi_{32}^{6}\ \Phi_{24}^{2}\ \Phi_{16}^{4}\ \Phi_{12}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
101203	1476	1173	$\frac{1}{23}$	$\frac{22}{391}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1173}\ \Phi_{391}^{2}\ \Phi_{51}\ \Phi_{17}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
101204	1476	2940	$\frac{2}{245}$	$\frac{1}{4}$	$\frac{81}{245}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{588}\ \Phi_{420}\ \Phi_{294}\ \Phi_{210}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
101205	1476	2217	$\frac{7}{739}$	$\frac{165}{739}$	$\frac{244}{739}$	$\frac{1}{3}$	Φ_{2217}
101206	1476	1281	$\frac{1}{61}$	$\frac{1}{7}$	$\frac{20}{61}$	$\frac{1}{3}$	$\Phi_{1281}^{2}\ \Phi_{21}^{3}$
101207	1476	2217	$\frac{16}{739}$	$\frac{83}{739}$	$\frac{241}{739}$	$\frac{1}{3}$	Φ_{2217}
101208	1476	2430	$\frac{2}{81}$	$\frac{1}{10}$	$\frac{79}{243}$	$\frac{1}{3}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{486}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
101209	1476	1140	$\frac{1}{20}$	$\frac{1}{19}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}^{2}\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}^{2}\ \Phi_{114}\ \Phi_{95}^{2}\ \Phi_{76}^{2}\ \Phi_{57}^{2}\ \Phi_{38}^{2}\ \Phi_{19}^{2}$
101210	1476	714	$\frac{1}{42}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{714}^{2}\ \Phi_{357}^{2}\ \Phi_{238}^{2}\ \Phi_{119}^{2}\ \Phi_{102}^{2}\ \Phi_{51}\ \Phi_{42}^{4}\ \Phi_{34}^{2}\ \Phi_{21}^{4}\ \Phi_{17}^{2}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
101211	1476	2217	$\frac{13}{739}$	$\frac{121}{739}$	$\frac{206}{739}$	$\frac{1}{3}$	Φ_{2217}
101212	1476	996	$\frac{1}{83}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{996}^{2}\ \Phi_{498}^{2}\ \Phi_{249}^{3}$
101213	1476	1500	$\frac{2}{125}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1500}^{2}\ \Phi_{750}^{2}\ \Phi_{300}^{2}\ \Phi_{150}^{2}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
101214	1476	588	$\frac{1}{49}$	$\frac{8}{49}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}^{5}\ \Phi_{294}^{5}\ \Phi_{84}^{5}\ \Phi_{42}^{5}\ \Phi_{12}^{6}\ \Phi_{6}^{6}$
101215	1476	84	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^{23}\ \Phi_{42}^{11}\ \Phi_{28}^{24}\ \Phi_{21}^{12}\ \Phi_{14}^{12}\ \Phi_{12}^{24}\ \Phi_{7}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{24}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
101216	1476	420	$\frac{1}{35}$	$\frac{17}{140}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{105}^{6}\ \Phi_{84}^{5}\ \Phi_{60}^{5}\ \Phi_{42}^{5}\ \Phi_{30}^{5}\ \Phi_{21}^{6}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{6}$
101217	1476	2508	$\frac{1}{19}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{627}\ \Phi_{57}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
101218	1476	270	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{13}{54}$	$\frac{1}{3}$	$\Phi_{270}^{6}\ \Phi_{135}^{6}\ \Phi_{90}^{6}\ \Phi_{54}^{2}\ \Phi_{45}^{6}\ \Phi_{30}^{7}\ \Phi_{27}^{4}\ \Phi_{18}^{2}\ \Phi_{15}^{7}\ \Phi_{10}^{6}\ \Phi_{9}^{4}\ \Phi_{6}^{3}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
101219	1476	1710	$\frac{7}{171}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{342}\ \Phi_{285}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{38}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
101220	1476	855	$\frac{1}{19}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{855}^{2}\ \Phi_{285}\ \Phi_{171}^{2}\ \Phi_{95}^{2}\ \Phi_{57}^{2}\ \Phi_{19}^{2}$
101221	1476	2850	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{2850}\ \Phi_{1425}\ \Phi_{57}$
101222	1476	912	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{912}^{2}\ \Phi_{456}\ \Phi_{304}^{2}\ \Phi_{228}\ \Phi_{152}^{2}\ \Phi_{114}\ \Phi_{76}^{2}\ \Phi_{57}^{2}\ \Phi_{38}^{2}\ \Phi_{19}^{2}$
101223	1476	1890	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{25}{189}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{14}\ \Phi_{6}$
101224	1476	90	$\frac{4}{45}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{90}^{18}\ \Phi_{45}^{14}\ \Phi_{30}^{19}\ \Phi_{18}^{18}\ \Phi_{15}^{15}\ \Phi_{10}^{18}\ \Phi_{9}^{16}\ \Phi_{6}^{19}\ \Phi_{5}^{14}\ \Phi_{3}^{16}\ \Phi_{2}^{18}\ \Phi_{1}^{16}$
101225	1476	671	$\frac{1}{61}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{20}{61}$	$\Phi_{671}^{2}\ \Phi_{61}^{4}\ \Phi_{11}^{3}\ \Phi_{1}^{6}$
101226	1476	1220	$\frac{1}{61}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{20}{61}$	$\Phi_{1220}^{2}\ \Phi_{610}^{2}\ \Phi_{20}^{3}\ \Phi_{10}^{3}$
101227	1476	1475	$\frac{26}{1475}$	$\frac{248}{1475}$	$\frac{409}{1475}$	$\frac{483}{1475}$	$\Phi_{1475}\ \Phi_{295}\ \Phi_{59}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
101228	1476	370	$\frac{7}{370}$	$\frac{1}{5}$	$\frac{83}{370}$	$\frac{121}{370}$	$\Phi_{370}^{4}\ \Phi_{185}^{4}\ \Phi_{74}^{4}\ \Phi_{37}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
101229	1476	1475	$\frac{29}{1475}$	$\frac{286}{1475}$	$\frac{331}{1475}$	$\frac{482}{1475}$	$\Phi_{1475}\ \Phi_{295}\ \Phi_{59}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
101230	1476	1972	$\frac{10}{493}$	$\frac{83}{493}$	$\frac{1}{4}$	$\frac{161}{493}$	$\Phi_{1972}\ \Phi_{986}\ \Phi_{116}\ \Phi_{68}\ \Phi_{58}\ \Phi_{34}$
101231	1476	740	$\frac{1}{37}$	$\frac{25}{148}$	$\frac{1}{5}$	$\frac{12}{37}$	$\Phi_{740}^{3}\ \Phi_{370}^{3}\ \Phi_{185}\ \Phi_{20}^{3}\ \Phi_{10}^{3}$
101232	1476	59	$\frac{2}{59}$	$\frac{5}{59}$	$\frac{18}{59}$	$\frac{19}{59}$	$\Phi_{59}^{25}\ \Phi_{1}^{26}$
101233	1476	420	$\frac{1}{20}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{19}{60}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{105}^{5}\ \Phi_{84}^{5}\ \Phi_{60}^{6}\ \Phi_{42}^{5}\ \Phi_{35}\ \Phi_{30}^{6}\ \Phi_{21}^{5}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{7}\ \Phi_{6}^{6}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
101234	1476	780	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{19}{60}$	$\Phi_{780}^{3}\ \Phi_{390}^{3}\ \Phi_{195}^{3}\ \Phi_{156}^{3}\ \Phi_{78}^{3}\ \Phi_{52}\ \Phi_{39}^{3}\ \Phi_{26}$
101235	1476	420	$\frac{1}{20}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{19}{60}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{105}^{5}\ \Phi_{84}^{5}\ \Phi_{60}^{6}\ \Phi_{42}^{5}\ \Phi_{35}\ \Phi_{30}^{6}\ \Phi_{21}^{5}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{7}\ \Phi_{6}^{6}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
101236	1476	60	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{19}{60}$	$\Phi_{60}^{36}\ \Phi_{30}^{36}\ \Phi_{15}^{36}\ \Phi_{12}^{36}\ \Phi_{10}^{4}\ \Phi_{6}^{36}\ \Phi_{5}^{3}\ \Phi_{3}^{36}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
101237	1476	420	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{19}{60}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{105}^{5}\ \Phi_{84}^{5}\ \Phi_{60}^{6}\ \Phi_{42}^{5}\ \Phi_{30}^{6}\ \Phi_{21}^{5}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
101238	1476	665	$\frac{1}{19}$	$\frac{13}{95}$	$\frac{1}{7}$	$\frac{6}{19}$	$\Phi_{665}^{3}\ \Phi_{133}\ \Phi_{35}^{3}$
101239	1476	1540	$\frac{2}{35}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{11}{35}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{110}\ \Phi_{77}\ \Phi_{55}\ \Phi_{44}^{2}\ \Phi_{35}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
101240	1476	315	$\frac{2}{35}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{11}{35}$	$\Phi_{315}^{5}\ \Phi_{105}^{5}\ \Phi_{63}^{5}\ \Phi_{45}^{6}\ \Phi_{35}\ \Phi_{21}^{5}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
101241	1476	350	$\frac{2}{35}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{11}{35}$	$\Phi_{350}^{5}\ \Phi_{175}^{5}\ \Phi_{50}^{6}\ \Phi_{35}\ \Phi_{25}^{6}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
101242	1476	1680	$\frac{2}{35}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{11}{35}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}^{2}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{16}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
101243	1476	476	$\frac{1}{17}$	$\frac{8}{119}$	$\frac{1}{4}$	$\frac{37}{119}$	$\Phi_{476}^{4}\ \Phi_{238}^{4}\ \Phi_{68}^{5}\ \Phi_{34}^{5}\ \Phi_{28}^{4}\ \Phi_{14}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
101244	1476	348	$\frac{5}{87}$	$\frac{2}{29}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{348}^{6}\ \Phi_{174}^{6}\ \Phi_{116}^{5}\ \Phi_{58}^{5}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
101245	1476	91	$\frac{1}{13}$	$\frac{9}{91}$	$\frac{1}{7}$	$\frac{4}{13}$	$\Phi_{91}^{16}\ \Phi_{13}^{18}\ \Phi_{7}^{15}\ \Phi_{1}^{18}$
101246	1476	59	$\frac{3}{59}$	$\frac{5}{59}$	$\frac{14}{59}$	$\frac{18}{59}$	$\Phi_{59}^{25}\ \Phi_{1}^{26}$
101247	1476	59	$\frac{4}{59}$	$\frac{5}{59}$	$\frac{11}{59}$	$\frac{18}{59}$	$\Phi_{59}^{25}\ \Phi_{1}^{26}$
101248	1476	130	$\frac{7}{130}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{130}^{12}\ \Phi_{65}^{12}\ \Phi_{26}^{12}\ \Phi_{13}^{12}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
101249	1476	819	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{7}$	$\frac{35}{117}$	$\Phi_{819}^{3}\ \Phi_{91}\ \Phi_{63}^{3}$
101250	1476	175	$\frac{1}{25}$	$\frac{19}{175}$	$\frac{6}{25}$	$\frac{52}{175}$	$\Phi_{175}^{8}\ \Phi_{35}^{8}\ \Phi_{25}^{11}\ \Phi_{7}^{8}\ \Phi_{5}^{11}\ \Phi_{1}^{12}$
101251	1476	340	$\frac{3}{85}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{340}^{6}\ \Phi_{170}^{6}\ \Phi_{68}^{5}\ \Phi_{34}^{5}\ \Phi_{20}^{6}\ \Phi_{10}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
101252	1476	918	$\frac{1}{27}$	$\frac{2}{17}$	$\frac{13}{54}$	$\frac{5}{17}$	$\Phi_{918}^{2}\ \Phi_{459}\ \Phi_{306}^{2}\ \Phi_{153}\ \Phi_{102}^{2}\ \Phi_{54}^{4}\ \Phi_{51}\ \Phi_{34}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{4}\ \Phi_{17}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
101253	1476	765	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}\ \Phi_{85}^2\ \Phi_{51}\ \Phi_{45}^4\ \Phi_{17}^2\ \Phi_{15}^4\ \Phi_9^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
101254	1476	116	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{1}{4}$	$\frac{17}{58}$	$\Phi_{116}^{17}\ \Phi_{58}^9\ \Phi_{29}^8\ \Phi_4^{16}\ \Phi_2^8\ \Phi_1^8$
101255	1476	2310	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{10}{77}$	$\frac{67}{231}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{110}\ \Phi_{105}\ \Phi_{66}\ \Phi_{55}\ \Phi_{42}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_6$
101256	1476	399	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{16}{57}$	$\Phi_{399}^6\ \Phi_{133}\ \Phi_{21}^6$
101257	1476	50	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{9}{50}$	$\frac{7}{25}$	$\Phi_{50}^{36}\ \Phi_{25}^{23}\ \Phi_{10}^{36}\ \Phi_5^{23}\ \Phi_2^{36}\ \Phi_1^{24}$
101258	1476	1998	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{1998}\ \Phi_{999}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
101259	1476	924	$\frac{1}{42}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{924}^2\ \Phi_{462}\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}^2\ \Phi_{84}^4\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_{11}\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
101260	1476	450	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{14}{75}$	$\frac{61}{225}$	$\Phi_{450}^5\ \Phi_{225}^4\ \Phi_{90}^5\ \Phi_{45}^4\ \Phi_{30}^5\ \Phi_{18}^5\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^5\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
101261	1476	1554	$\frac{1}{42}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{1554}\ \Phi_{777}\ \Phi_{518}\ \Phi_{259}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
101262	1476	110	$\frac{3}{55}$	$\frac{1}{10}$	$\frac{13}{55}$	$\frac{14}{55}$	$\Phi_{110}^{15}\ \Phi_{55}^{12}\ \Phi_{22}^{15}\ \Phi_{11}^{12}\ \Phi_{10}^{14}\ \Phi_5^{11}\ \Phi_2^{14}\ \Phi_1^{12}$
101263	1476	1475	$\frac{27}{1475}$	$\frac{362}{1475}$	$\frac{368}{1475}$	$\frac{371}{1475}$	$\Phi_{1475}\ \Phi_{295}\ \Phi_{59}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
101264	1476	1972	$\frac{9}{493}$	$\frac{121}{493}$	$\frac{1}{4}$	$\frac{124}{493}$	$\Phi_{1972}\ \Phi_{986}\ \Phi_{116}\ \Phi_{68}\ \Phi_{58}\ \Phi_{34}$
101265	1476	652	$\frac{3}{163}$	$\frac{40}{163}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{652}^2\ \Phi_{326}^2\ \Phi_{163}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
101266	1476	420	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{420}^4\ \Phi_{210}^5\ \Phi_{140}^4\ \Phi_{105}^5\ \Phi_{70}^5\ \Phi_{60}^4\ \Phi_{35}^5\ \Phi_{30}^5\ \Phi_{20}^2\ \Phi_{15}^5\ \Phi_{10}^3\ \Phi_5^2$
101267	1476	572	$\frac{3}{44}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{572}^3\ \Phi_{286}^3\ \Phi_{143}^3\ \Phi_{52}\ \Phi_{26}$
101268	1476	580	$\frac{1}{29}$	$\frac{22}{145}$	$\frac{7}{29}$	$\frac{1}{4}$	$\Phi_{580}^4\ \Phi_{290}^4\ \Phi_{116}\ \Phi_{58}\ \Phi_{20}^4\ \Phi_{10}^4$
101269	1476	756	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{13}{54}$	$\frac{1}{4}$	$\Phi_{756}^3\ \Phi_{378}\ \Phi_{252}^3\ \Phi_{189}^2\ \Phi_{126}\ \Phi_{84}^3\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2$
101270	1476	136	$\frac{1}{17}$	$\frac{13}{136}$	$\frac{4}{17}$	$\frac{1}{4}$	$\Phi_{136}^{12}\ \Phi_{68}^9\ \Phi_{34}^9\ \Phi_{17}^{12}\ \Phi_8^{12}\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{12}$
101271	1476	2080	$\frac{3}{40}$	$\frac{1}{13}$	$\frac{37}{160}$	$\frac{1}{4}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{416}\ \Phi_{208}\ \Phi_{52}\ \Phi_{26}$
101272	1476	1540	$\frac{3}{44}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{4}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{110}\ \Phi_{77}\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{35}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
101273	1476	220	$\frac{3}{44}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{220}^7\ \Phi_{110}^7\ \Phi_{55}^7\ \Phi_{44}^8\ \Phi_{22}^8\ \Phi_{11}^8\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
101274	1476	2340	$\frac{1}{13}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{468}\ \Phi_{390}\ \Phi_{234}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}$
101275	1476	1300	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{4}$	$\Phi_{1300}^2\ \Phi_{650}\ \Phi_{325}\ \Phi_{52}\ \Phi_{26}$
101276	1476	2380	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{103}{595}$	$\frac{1}{4}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{340}\ \Phi_{170}\ \Phi_{140}\ \Phi_{70}\ \Phi_{68}\ \Phi_{34}\ \Phi_{20}\ \Phi_{10}$
101277	1476	1820	$\frac{1}{13}$	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{182}\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}$
101278	1476	624	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{4}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{52}\ \Phi_{39}^3\ \Phi_{26}$
101279	1476	308	$\frac{3}{44}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{308}^5\ \Phi_{154}^5\ \Phi_{77}^5\ \Phi_{44}^6\ \Phi_{22}^6\ \Phi_{11}^6\ \Phi_7^5\ \Phi_1^6$
101280	1476	1260	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{126}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
101281	1476	1064	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{29}{152}$	$\frac{9}{38}$	$\Phi_{1064}^2\ \Phi_{532}^2\ \Phi_{133}\ \Phi_{56}^2\ \Phi_{28}^2$
101282	1476	160	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{37}{160}$	$\Phi_{160}^{12}\ \Phi_{80}^{12}\ \Phi_{32}^{12}\ \Phi_{16}^{12}\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
101283	1476	315	$\frac{3}{35}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{8}{35}$	$\Phi_{315}^5\ \Phi_{105}^5\ \Phi_{63}^5\ \Phi_{45}^6\ \Phi_{35}\ \Phi_{21}^5\ \Phi_{15}^6\ \Phi_9^6\ \Phi_7\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
101284	1476	350	$\frac{3}{35}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{8}{35}$	$\Phi_{350}^5\ \Phi_{175}^5\ \Phi_{50}^6\ \Phi_{35}\ \Phi_{25}^6\ \Phi_7\ \Phi_5\ \Phi_1^2$
101285	1476	1680	$\frac{3}{35}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{8}{35}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
101286	1476	400	$\frac{31}{400}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{40}$	$\Phi_{400}^4\ \Phi_{200}^4\ \Phi_{100}^4\ \Phi_{80}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
101287	1476	364	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{2}{13}$	$\frac{11}{52}$	$\Phi_{364}^6\ \Phi_{182}^6\ \Phi_{91}\ \Phi_{28}^6\ \Phi_{14}^6$
101288	1476	90	$\frac{4}{45}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{90}^{20}\ \Phi_{45}^{16}\ \Phi_{30}^{20}\ \Phi_{18}^{20}\ \Phi_{15}^{16}\ \Phi_{10}^4\ \Phi_9^{16}\ \Phi_6^{20}\ \Phi_5^3\ \Phi_3^{16}\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
101289	1476	50	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{5}$	$\Phi_{50}^{36}\ \Phi_{25}^{36}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
101290	1476	140	$\frac{1}{10}$	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{1}{5}$	$\Phi_{140}^{12}\ \Phi_{70}^{12}\ \Phi_{35}^{12}\ \Phi_{28}^{12}\ \Phi_{14}^{12}\ \Phi_{10}^{4}\ \Phi_{7}^{12}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
101291	1476	240	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{5}$	$\Phi_{240}^{7}\ \Phi_{120}^{7}\ \Phi_{80}^{7}\ \Phi_{60}^{7}\ \Phi_{48}^{8}\ \Phi_{30}^{7}\ \Phi_{24}^{8}\ \Phi_{16}^{8}\ \Phi_{15}^{7}\ \Phi_{12}^{8}\ \Phi_{10}^{4}\ \Phi_{6}^{8}\ \Phi_{5}^{3}\ \Phi_{3}^{8}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
101292	1476	315	$\frac{4}{45}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{315}^{5}\ \Phi_{105}^{5}\ \Phi_{63}^{5}\ \Phi_{45}^{6}\ \Phi_{21}^{5}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
101293	1476	350	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{9}{50}$	$\Phi_{350}^{5}\ \Phi_{175}^{5}\ \Phi_{50}^{6}\ \Phi_{25}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
101294	1476	336	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{7}{48}$	$\Phi_{336}^{5}\ \Phi_{168}^{5}\ \Phi_{112}^{5}\ \Phi_{84}^{5}\ \Phi_{48}^{6}\ \Phi_{42}^{5}\ \Phi_{24}^{6}\ \Phi_{21}^{5}\ \Phi_{16}^{6}\ \Phi_{12}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
101295	1477	2944	$\frac{5}{1472}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1467}{2944}$	$\Phi_{2944}\ \Phi_{128}\ \Phi_{8}\ \Phi_{1}$
101296	1477	420	$\frac{1}{210}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{209}{420}$	$\Phi_{420}\ \Phi_{210}^{6}\ \Phi_{140}\ \Phi_{105}^{6}\ \Phi_{84}\ \Phi_{70}^{6}\ \Phi_{60}\ \Phi_{42}^{6}\ \Phi_{35}^{6}\ \Phi_{30}^{6}\ \Phi_{28}\ \Phi_{21}^{6}\ \Phi_{20}\ \Phi_{15}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{2}\ \Phi_{10}^{6}\ \Phi_{7}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
101297	1477	1260	$\frac{1}{210}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{209}{420}$	$\Phi_{1260}^{3}\ \Phi_{420}\ \Phi_{252}^{3}\ \Phi_{180}^{3}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{36}^{3}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
101298	1477	2624	$\frac{1}{164}$	$\frac{165}{1312}$	$\frac{1147}{2624}$	$\frac{163}{328}$	$\Phi_{2624}\ \Phi_{328}\ \Phi_{64}\ \Phi_{8}\ \Phi_{1}$
101299	1477	1968	$\frac{1}{164}$	$\frac{491}{1968}$	$\frac{165}{656}$	$\frac{163}{328}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{492}\ \Phi_{328}\ \Phi_{246}\ \Phi_{123}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
101300	1477	2928	$\frac{13}{1464}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1451}{2928}$	$\Phi_{2928}\ \Phi_{976}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
101301	1477	1776	$\frac{3}{296}$	$\frac{299}{1776}$	$\frac{1}{4}$	$\frac{293}{592}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{444}\ \Phi_{296}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}\ \Phi_{48}\ \Phi_{37}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
101302	1477	2920	$\frac{17}{1460}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1443}{2920}$	$\Phi_{2920}\ \Phi_{584}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
101303	1477	2916	$\frac{19}{1458}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1439}{2916}$	$\Phi_{2916}\ \Phi_{972}\ \Phi_{324}\ \Phi_{108}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
101304	1477	416	$\frac{3}{208}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{205}{416}$	$\Phi_{416}^{7}\ \Phi_{32}^{7}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
101305	1477	1980	$\frac{8}{495}$	$\frac{1}{9}$	$\frac{503}{1980}$	$\frac{487}{990}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{99}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
101306	1477	1566	$\frac{2}{87}$	$\frac{89}{1566}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{1566}\ \Phi_{783}\ \Phi_{522}\ \Phi_{261}\ \Phi_{87}\ \Phi_{54}\ \Phi_{29}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
101307	1477	2880	$\frac{37}{1440}$	$\frac{1}{36}$	$\frac{35}{72}$	$\frac{1403}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{72}\ \Phi_{64}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
101308	1477	2880	$\frac{37}{1440}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1403}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
101309	1477	2880	$\frac{37}{1440}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1403}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
101310	1477	2880	$\frac{37}{1440}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1403}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{45}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
101311	1477	1782	$\frac{8}{297}$	$\frac{1}{9}$	$\frac{305}{1782}$	$\frac{289}{594}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{297}\ \Phi_{162}\ \Phi_{99}\ \Phi_{81}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_{1}$
101312	1477	2160	$\frac{1}{36}$	$\frac{37}{720}$	$\frac{683}{2160}$	$\frac{35}{72}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
101313	1477	1584	$\frac{1}{36}$	$\frac{107}{1584}$	$\frac{37}{144}$	$\frac{35}{72}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
101314	1477	1800	$\frac{1}{36}$	$\frac{37}{360}$	$\frac{323}{1800}$	$\frac{35}{72}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{25}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
101315	1477	1728	$\frac{1}{36}$	$\frac{37}{288}$	$\frac{251}{1728}$	$\frac{35}{72}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
101316	1477	408	$\frac{7}{204}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{197}{408}$	$\Phi_{408}^{7}\ \Phi_{136}^{7}\ \Phi_{51}\ \Phi_{24}^{7}\ \Phi_{17}\ \Phi_{8}^{7}\ \Phi_{1}$
101317	1477	1530	$\frac{53}{1530}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}\ \Phi_{255}\ \Phi_{170}\ \Phi_{153}\ \Phi_{90}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{17}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
101318	1477	228	$\frac{5}{114}$	$\frac{17}{228}$	$\frac{1}{6}$	$\frac{109}{228}$	$\Phi_{228}^{6}\ \Phi_{114}^{7}\ \Phi_{76}^{6}\ \Phi_{57}^{7}\ \Phi_{38}^{7}\ \Phi_{19}^{7}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
101319	1477	2808	$\frac{1}{36}$	$\frac{73}{1404}$	$\frac{35}{108}$	$\frac{1331}{2808}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{312}\ \Phi_{216}\ \Phi_{108}\ \Phi_{104}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
101320	1477	2808	$\frac{73}{1404}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1331}{2808}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{312}\ \Phi_{216}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
101321	1477	1620	$\frac{8}{135}$	$\frac{143}{1620}$	$\frac{1}{9}$	$\frac{127}{270}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
101322	1477	2784	$\frac{2}{87}$	$\frac{85}{1392}$	$\frac{1}{3}$	$\frac{1307}{2784}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{96}\ \Phi_{87}\ \Phi_{32}\ \Phi_{29}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
101323	1477	1560	$\frac{83}{1560}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{73}{156}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{40}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
101324	1477	396	$\frac{13}{198}$	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{185}{396}$	$\Phi_{396}^{7}\ \Phi_{132}^{7}\ \Phi_{99}\ \Phi_{44}^{7}\ \Phi_{36}^{7}\ \Phi_{33}\ \Phi_{12}^{7}\ \Phi_{11}\ \Phi_{4}^{7}\ \Phi_{1}$
101325	1477	288	$\frac{1}{36}$	$\frac{5}{72}$	$\frac{77}{288}$	$\frac{67}{144}$	$\Phi_{288}^{7}\ \Phi_{96}^{7}\ \Phi_{72}^{7}\ \Phi_{36}^{6}\ \Phi_{32}^{7}\ \Phi_{24}^{7}\ \Phi_{18}^{6}\ \Phi_{12}^{6}\ \Phi_{9}^{6}\ \Phi_{8}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
101326	1477	1520	$\frac{43}{1520}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{304}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{76}\ \Phi_{40}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
101327	1477	2736	$\frac{5}{114}$	$\frac{109}{1368}$	$\frac{1}{6}$	$\frac{1259}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{144}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{1}$
101328	1477	1584	$\frac{107}{1584}$	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{198}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
101329	1477	2700	$\frac{8}{135}$	$\frac{127}{1350}$	$\frac{1}{9}$	$\frac{1223}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{100}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
101330	1477	2664	$\frac{3}{148}$	$\frac{145}{1332}$	$\frac{1}{4}$	$\frac{1187}{2664}$	$\Phi_{2664}\ \Phi_{888}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}\ \Phi_{72}\ \Phi_{37}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
101331	1477	2592	$\frac{1}{36}$	$\frac{181}{1296}$	$\frac{35}{216}$	$\frac{1115}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
101332	1477	1728	$\frac{1}{36}$	$\frac{251}{1728}$	$\frac{35}{216}$	$\frac{181}{432}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
101333	1477	852	$\frac{2}{213}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{852}^{3}\ \Phi_{284}^{3}\ \Phi_{213}\ \Phi_{71}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
101334	1477	1260	$\frac{1}{105}$	$\frac{1}{6}$	$\frac{104}{315}$	$\frac{5}{12}$	$\Phi_{1260}^{3}\ \Phi_{315}\ \Phi_{252}^{3}\ \Phi_{180}^{3}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}^{3}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
101335	1477	840	$\frac{1}{70}$	$\frac{1}{6}$	$\frac{69}{280}$	$\frac{5}{12}$	$\Phi_{840}^{2}\ \Phi_{280}^{3}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{140}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{70}^{2}\ \Phi_{56}^{3}\ \Phi_{42}^{2}\ \Phi_{40}^{3}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{28}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
101336	1477	2580	$\frac{4}{215}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{516}\ \Phi_{215}\ \Phi_{172}\ \Phi_{43}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
101337	1477	216	$\frac{5}{216}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{216}^{7}\ \Phi_{108}^{7}\ \Phi_{72}^{7}\ \Phi_{54}^{7}\ \Phi_{36}^{7}\ \Phi_{27}^{7}\ \Phi_{24}^{7}\ \Phi_{18}^{7}\ \Phi_{12}^{2}\ \Phi_{9}^{7}\ \Phi_{8}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
101338	1477	252	$\frac{1}{42}$	$\frac{41}{252}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{252}^{7}\ \Phi_{126}^{7}\ \Phi_{84}\ \Phi_{63}^{7}\ \Phi_{42}^{6}\ \Phi_{36}^{7}\ \Phi_{28}\ \Phi_{21}^{6}\ \Phi_{18}^{7}\ \Phi_{14}^{6}\ \Phi_{12}^{2}\ \Phi_{9}^{7}\ \Phi_{7}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
101339	1477	2604	$\frac{6}{217}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2604}\ \Phi_{868}\ \Phi_{372}\ \Phi_{217}\ \Phi_{124}\ \Phi_{31}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
101340	1477	2940	$\frac{1}{35}$	$\frac{34}{245}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{245}\ \Phi_{196}\ \Phi_{49}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
101341	1477	240	$\frac{1}{30}$	$\frac{29}{240}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{240}^{7}\ \Phi_{120}^{7}\ \Phi_{80}^{7}\ \Phi_{60}\ \Phi_{48}^{7}\ \Phi_{40}^{7}\ \Phi_{30}^{6}\ \Phi_{24}^{7}\ \Phi_{20}\ \Phi_{16}^{7}\ \Phi_{15}^{6}\ \Phi_{12}^{2}\ \Phi_{10}^{6}\ \Phi_{8}^{7}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
101342	1477	660	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{3}\ \Phi_{165}^{2}\ \Phi_{132}^{2}\ \Phi_{110}^{3}\ \Phi_{66}^{2}\ \Phi_{55}^{3}\ \Phi_{44}^{3}\ \Phi_{33}^{2}\ \Phi_{30}^{2}\ \Phi_{22}^{3}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{11}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
101343	1477	924	$\frac{1}{21}$	$\frac{20}{231}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{924}^{3}\ \Phi_{308}^{3}\ \Phi_{231}\ \Phi_{132}^{3}\ \Phi_{77}\ \Phi_{44}^{3}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
101344	1477	672	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{224}^{3}\ \Phi_{168}^{2}\ \Phi_{112}^{3}\ \Phi_{96}^{2}\ \Phi_{56}^{3}\ \Phi_{48}^{2}\ \Phi_{42}^{2}\ \Phi_{32}^{3}\ \Phi_{28}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{16}^{3}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
101345	1477	900	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{900}^{3}\ \Phi_{300}^{3}\ \Phi_{225}\ \Phi_{180}^{3}\ \Phi_{100}^{3}\ \Phi_{75}\ \Phi_{45}\ \Phi_{36}^{3}\ \Phi_{25}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
101346	1477	360	$\frac{1}{36}$	$\frac{5}{36}$	$\frac{31}{180}$	$\frac{149}{360}$	$\Phi_{360}^{7}\ \Phi_{120}^{7}\ \Phi_{72}^{7}\ \Phi_{40}^{7}\ \Phi_{36}^{6}\ \Phi_{24}^{7}\ \Phi_{18}^{6}\ \Phi_{12}^{6}\ \Phi_{9}^{6}\ \Phi_{8}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
101347	1477	1530	$\frac{53}{1530}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}\ \Phi_{255}\ \Phi_{170}\ \Phi_{153}\ \Phi_{102}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}\ \Phi_{34}\ \Phi_{17}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
101348	1477	1536	$\frac{59}{1536}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
101349	1477	2376	$\frac{8}{297}$	$\frac{1}{9}$	$\frac{289}{1188}$	$\frac{899}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{297}\ \Phi_{264}\ \Phi_{216}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{33}\ \Phi_{27}\ \Phi_{24}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
101350	1477	2368	$\frac{3}{296}$	$\frac{293}{1184}$	$\frac{1}{4}$	$\frac{891}{2368}$	$\Phi_{2368}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}\ \Phi_{64}\ \Phi_{37}\ \Phi_{8}\ \Phi_{1}$
101351	1477	2208	$\frac{5}{736}$	$\frac{1}{4}$	$\frac{731}{2208}$	$\frac{3}{8}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}\ \Phi_{69}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
101352	1477	1488	$\frac{11}{1488}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}\ \Phi_{372}\ \Phi_{248}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{48}\ \Phi_{31}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
101353	1477	1840	$\frac{5}{368}$	$\frac{363}{1840}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{115}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
101354	1477	1504	$\frac{27}{1504}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1504}\ \Phi_{752}\ \Phi_{376}\ \Phi_{188}\ \Phi_{94}\ \Phi_{47}\ \Phi_8\ \Phi_1$
101355	1477	216	$\frac{5}{216}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^7\ \Phi_{108}^7\ \Phi_{72}^7\ \Phi_{54}^7\ \Phi_{36}^7\ \Phi_{27}^7\ \Phi_{24}^7\ \Phi_{18}^7\ \Phi_{12}^7\ \Phi_9^7\ \Phi_8^3\ \Phi_6^7\ \Phi_4^2\ \Phi_3^7\ \Phi_2^2\ \Phi_1^3$
101356	1477	1656	$\frac{5}{184}$	$\frac{179}{1656}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{138}\ \Phi_{72}\ \Phi_{69}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
101357	1477	1536	$\frac{59}{1536}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
101358	1477	328	$\frac{3}{164}$	$\frac{23}{164}$	$\frac{47}{164}$	$\frac{117}{328}$	$\Phi_{328}^7\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_8^7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
101359	1477	216	$\frac{5}{216}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{216}^7\ \Phi_{108}^7\ \Phi_{72}^7\ \Phi_{54}^6\ \Phi_{36}^7\ \Phi_{27}^7\ \Phi_{24}^7\ \Phi_{18}^6\ \Phi_{12}^7\ \Phi_9^6\ \Phi_8^7\ \Phi_6^6\ \Phi_4^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
101360	1477	2232	$\frac{11}{372}$	$\frac{1}{12}$	$\frac{361}{1116}$	$\frac{755}{2232}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{372}\ \Phi_{248}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{72}\ \Phi_{62}\ \Phi_{31}\ \Phi_{24}\ \Phi_8\ \Phi_1$
101361	1477	1272	$\frac{1}{53}$	$\frac{1}{8}$	$\frac{52}{159}$	$\frac{107}{318}$	$\Phi_{1272}\ \Phi_{636}\ \Phi_{424}^2\ \Phi_{212}^2\ \Phi_{159}\ \Phi_{106}\ \Phi_{53}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
101362	1477	639	$\frac{2}{213}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{639}^3\ \Phi_{213}\ \Phi_{71}\ \Phi_9\ \Phi_1$
101363	1477	315	$\frac{1}{105}$	$\frac{2}{9}$	$\frac{104}{315}$	$\frac{1}{3}$	$\Phi_{315}^4\ \Phi_{105}^6\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{35}^6\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_9^5\ \Phi_7^6\ \Phi_5^6\ \Phi_3^6\ \Phi_1^7$
101364	1477	306	$\frac{2}{51}$	$\frac{7}{102}$	$\frac{95}{306}$	$\frac{1}{3}$	$\Phi_{306}^7\ \Phi_{153}^7\ \Phi_{51}\ \Phi_{18}^7\ \Phi_{17}\ \Phi_9^7\ \Phi_1$
101365	1477	2088	$\frac{2}{87}$	$\frac{85}{696}$	$\frac{611}{2088}$	$\frac{1}{3}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{522}\ \Phi_{261}\ \Phi_{87}\ \Phi_{72}\ \Phi_{36}\ \Phi_{29}\ \Phi_{18}\ \Phi_9\ \Phi_1$
101366	1477	2520	$\frac{1}{70}$	$\frac{2}{9}$	$\frac{69}{280}$	$\frac{1}{3}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{72}\ \Phi_{56}\ \Phi_{40}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
101367	1477	1740	$\frac{2}{87}$	$\frac{263}{1740}$	$\frac{85}{348}$	$\frac{1}{3}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{290}\ \Phi_{145}\ \Phi_{87}\ \Phi_{60}\ \Phi_{30}\ \Phi_{29}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
101368	1477	1632	$\frac{2}{51}$	$\frac{155}{1632}$	$\frac{49}{204}$	$\frac{1}{3}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{136}\ \Phi_{96}\ \Phi_{51}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_1$
101369	1477	1935	$\frac{4}{215}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1935}\ \Phi_{387}\ \Phi_{215}\ \Phi_{43}\ \Phi_9\ \Phi_1$
101370	1477	216	$\frac{5}{216}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{216}^7\ \Phi_{108}^7\ \Phi_{72}^7\ \Phi_{54}^7\ \Phi_{36}^7\ \Phi_{27}^7\ \Phi_{24}^7\ \Phi_{18}^4\ \Phi_{12}^7\ \Phi_9^5\ \Phi_8^7\ \Phi_6^6\ \Phi_4^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
101371	1477	252	$\frac{1}{42}$	$\frac{41}{252}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{252}^7\ \Phi_{126}^4\ \Phi_{84}^7\ \Phi_{63}^4\ \Phi_{42}^6\ \Phi_{36}^7\ \Phi_{28}^7\ \Phi_{21}^6\ \Phi_{18}^4\ \Phi_{14}^6\ \Phi_{12}^7\ \Phi_9^5\ \Phi_7^6\ \Phi_6^6\ \Phi_4^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
101372	1477	1953	$\frac{6}{217}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1953}\ \Phi_{279}\ \Phi_{217}\ \Phi_{31}\ \Phi_9\ \Phi_1$
101373	1477	2205	$\frac{1}{35}$	$\frac{34}{245}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2205}\ \Phi_{441}\ \Phi_{245}\ \Phi_{49}\ \Phi_9\ \Phi_1$
101374	1477	720	$\frac{1}{30}$	$\frac{29}{240}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}^3\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}^3\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
101375	1477	1980	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{110}\ \Phi_{99}\ \Phi_{55}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_1$
101376	1477	693	$\frac{1}{21}$	$\frac{20}{231}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{693}^3\ \Phi_{231}\ \Phi_{99}^3\ \Phi_{77}\ \Phi_{33}\ \Phi_{11}\ \Phi_9\ \Phi_1$
101377	1477	2016	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{72}\ \Phi_{56}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
101378	1477	225	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{225}^7\ \Phi_{75}^7\ \Phi_{45}^4\ \Phi_{25}^7\ \Phi_{15}^6\ \Phi_9^5\ \Phi_5^6\ \Phi_3^6\ \Phi_1^7$
101379	1477	255	$\frac{2}{51}$	$\frac{7}{51}$	$\frac{44}{255}$	$\frac{1}{3}$	$\Phi_{255}^7\ \Phi_{85}^7\ \Phi_{51}\ \Phi_{17}\ \Phi_{15}^7\ \Phi_5^7\ \Phi_1$
101380	1477	1776	$\frac{3}{148}$	$\frac{299}{1776}$	$\frac{1}{4}$	$\frac{145}{444}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{592}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}\ \Phi_{48}\ \Phi_{37}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
101381	1477	2187	$\frac{19}{729}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{710}{2187}$	$\Phi_{2187}\ \Phi_{27}\ \Phi_1$
101382	1477	312	$\frac{3}{104}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{101}{312}$	$\Phi_{312}^7\ \Phi_{156}^7\ \Phi_{78}^7\ \Phi_{39}^7\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_8^3\ \Phi_6^7\ \Phi_4^2\ \Phi_3^7\ \Phi_2^2\ \Phi_1^3$
101383	1477	1710	$\frac{5}{114}$	$\frac{233}{1710}$	$\frac{1}{6}$	$\frac{109}{342}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{90}\ \Phi_{57}\ \Phi_{45}\ \Phi_{38}\ \Phi_{30}\ \Phi_{19}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
101384	1477	2160	$\frac{37}{720}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{683}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
101385	1477	2160	$\frac{37}{720}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{683}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
101386	1477	2160	$\frac{37}{720}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{683}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
101387	1477	234	$\frac{5}{78}$	$\frac{23}{234}$	$\frac{1}{6}$	$\frac{73}{234}$	$\Phi_{234}^{6}\ \Phi_{117}^{6}\ \Phi_{78}^{7}\ \Phi_{39}^{7}\ \Phi_{26}^{7}\ \Phi_{18}^{6}\ \Phi_{13}^{7}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
101388	1477	1560	$\frac{83}{1560}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
101389	1477	220	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{220}^{7}\ \Phi_{110}^{7}\ \Phi_{55}^{7}\ \Phi_{44}^{7}\ \Phi_{22}^{7}\ \Phi_{20}^{3}\ \Phi_{11}^{7}\ \Phi_{10}^{5}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
101390	1477	2106	$\frac{5}{78}$	$\frac{73}{702}$	$\frac{1}{6}$	$\frac{629}{2106}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{162}\ \Phi_{81}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
101391	1477	1944	$\frac{19}{486}$	$\frac{1}{9}$	$\frac{467}{1944}$	$\frac{8}{27}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
101392	1477	1539	$\frac{62}{1539}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_{1}$
101393	1477	243	$\frac{19}{243}$	$\frac{1}{9}$	$\frac{32}{243}$	$\frac{8}{27}$	$\Phi_{243}^{6}\ \Phi_{81}^{6}\ \Phi_{27}^{7}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
101394	1477	1620	$\frac{143}{1620}$	$\frac{1}{9}$	$\frac{19}{162}$	$\frac{8}{27}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
101395	1477	297	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{13}{99}$	$\frac{86}{297}$	$\Phi_{297}^{7}\ \Phi_{99}\ \Phi_{33}\ \Phi_{27}^{7}\ \Phi_{11}\ \Phi_{1}$
101396	1477	2052	$\frac{5}{114}$	$\frac{109}{684}$	$\frac{1}{6}$	$\frac{575}{2052}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{513}\ \Phi_{114}\ \Phi_{108}\ \Phi_{57}\ \Phi_{54}\ \Phi_{38}\ \Phi_{27}\ \Phi_{19}\ \Phi_{1}$
101397	1477	1944	$\frac{1}{36}$	$\frac{35}{216}$	$\frac{467}{1944}$	$\frac{181}{648}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
101398	1477	2025	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{127}{675}$	$\frac{548}{2025}$	$\Phi_{2025}\ \Phi_{405}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
101399	1477	1584	$\frac{107}{1584}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{144}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
101400	1477	1600	$\frac{3}{40}$	$\frac{123}{1600}$	$\frac{37}{160}$	$\frac{1}{4}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
101401	1477	1920	$\frac{3}{40}$	$\frac{37}{480}$	$\frac{443}{1920}$	$\frac{1}{4}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
101402	1477	520	$\frac{3}{52}$	$\frac{1}{8}$	$\frac{49}{260}$	$\frac{1}{4}$	$\Phi_{520}^{4}\ \Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{65}^{3}\ \Phi_{40}^{4}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
101403	1477	224	$\frac{13}{224}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{224}^{7}\ \Phi_{112}^{7}\ \Phi_{56}^{7}\ \Phi_{32}^{7}\ \Phi_{28}^{7}\ \Phi_{14}^{7}\ \Phi_{8}^{3}\ \Phi_{7}^{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
101404	1477	1800	$\frac{3}{40}$	$\frac{37}{360}$	$\frac{323}{1800}$	$\frac{1}{4}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
101405	1477	240	$\frac{3}{40}$	$\frac{29}{240}$	$\frac{37}{240}$	$\frac{1}{4}$	$\Phi_{240}^{6}\ \Phi_{120}^{6}\ \Phi_{80}^{6}\ \Phi_{60}^{6}\ \Phi_{48}^{6}\ \Phi_{40}^{7}\ \Phi_{30}^{6}\ \Phi_{24}^{6}\ \Phi_{20}^{7}\ \Phi_{16}^{6}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{10}^{7}\ \Phi_{8}^{7}\ \Phi_{6}^{6}\ \Phi_{5}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
101406	1477	1824	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{347}{1824}$	$\frac{109}{456}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{304}\ \Phi_{114}\ \Phi_{96}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{16}\ \Phi_{1}$
101407	1477	1920	$\frac{37}{480}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{443}{1920}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
101408	1477	240	$\frac{1}{12}$	$\frac{29}{240}$	$\frac{37}{240}$	$\frac{11}{48}$	$\Phi_{240}^{6}\ \Phi_{120}^{6}\ \Phi_{80}^{6}\ \Phi_{60}^{6}\ \Phi_{48}^{7}\ \Phi_{40}^{6}\ \Phi_{30}^{6}\ \Phi_{24}^{7}\ \Phi_{20}^{6}\ \Phi_{16}^{7}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{10}^{6}\ \Phi_{8}^{7}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
101409	1477	1728	$\frac{1}{12}$	$\frac{37}{288}$	$\frac{251}{1728}$	$\frac{11}{48}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
101410	1477	1872	$\frac{5}{78}$	$\frac{73}{468}$	$\frac{1}{6}$	$\frac{395}{1872}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{144}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
101411	1477	1620	$\frac{143}{1620}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{180}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
101412	1477	1800	$\frac{37}{360}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{323}{1800}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
101413	1478	4416	$\frac{3}{736}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{733}{1472}$	$\Phi_{4416}\ \Phi_{192}\ \Phi_{12}\ \Phi_{6}$
101414	1478	1266	$\frac{1}{211}$	$\frac{106}{633}$	$\frac{527}{1266}$	$\frac{105}{211}$	$\Phi_{1266}^{2}\ \Phi_{422}^{2}\ \Phi_{211}\ \Phi_{6}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
101415	1478	1470	$\frac{4}{735}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{731}{1470}$	$\Phi_{1470}^{2}\ \Phi_{490}^{2}\ \Phi_{294}^{2}\ \Phi_{210}^{2}\ \Phi_{98}^{2}\ \Phi_{70}^{2}\ \Phi_{42}^{2}\ \Phi_{30}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
101416	1478	1470	$\frac{4}{735}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{731}{1470}$	$\Phi_{1470}^{2}\ \Phi_{490}^{2}\ \Phi_{294}^{2}\ \Phi_{210}^{2}\ \Phi_{98}^{2}\ \Phi_{70}^{2}\ \Phi_{42}^{2}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
101417	1478	888	$\frac{1}{148}$	$\frac{149}{888}$	$\frac{1}{3}$	$\frac{147}{296}$	$\Phi_{888}\ \Phi_{444}^2\ \Phi_{296}^2\ \Phi_{222}^2\ \Phi_{148}^2\ \Phi_{111}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{24}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
101418	1478	4380	$\frac{9}{730}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{721}{1460}$	$\Phi_{4380}\ \Phi_{876}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
101419	1478	1456	$\frac{11}{728}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{717}{1456}$	$\Phi_{1456}^2\ \Phi_{208}^2\ \Phi_{112}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
101420	1478	1440	$\frac{19}{720}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{701}{1440}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{60}\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
101421	1478	2280	$\frac{21}{760}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{114}\ \Phi_{60}\ \Phi_{57}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
101422	1478	4218	$\frac{1}{37}$	$\frac{36}{703}$	$\frac{1}{3}$	$\frac{667}{1406}$	$\Phi_{4218}\ \Phi_{222}\ \Phi_{114}\ \Phi_{111}\ \Phi_6$
101423	1478	1332	$\frac{1}{74}$	$\frac{73}{666}$	$\frac{1}{3}$	$\frac{593}{1332}$	$\Phi_{1332}^2\ \Phi_{444}^2\ \Phi_{222}\ \Phi_{148}^2\ \Phi_{111}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
101424	1478	980	$\frac{4}{245}$	$\frac{1}{7}$	$\frac{241}{980}$	$\frac{3}{7}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{196}^2\ \Phi_{140}^2\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
101425	1478	756	$\frac{17}{756}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
101426	1478	882	$\frac{4}{147}$	$\frac{1}{7}$	$\frac{143}{882}$	$\frac{3}{7}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{294}^2\ \Phi_{126}^2\ \Phi_{98}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
101427	1478	840	$\frac{4}{105}$	$\frac{101}{840}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
101428	1478	770	$\frac{31}{770}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}^2\ \Phi_{70}^2\ \Phi_{55}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
101429	1478	784	$\frac{45}{784}$	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{784}^2\ \Phi_{392}^2\ \Phi_{196}^2\ \Phi_{112}^2\ \Phi_{98}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
101430	1478	756	$\frac{17}{756}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
101431	1478	3552	$\frac{1}{148}$	$\frac{147}{592}$	$\frac{1}{3}$	$\frac{445}{1184}$	$\Phi_{3552}\ \Phi_{444}\ \Phi_{222}\ \Phi_{111}\ \Phi_{96}\ \Phi_{12}\ \Phi_6$
101432	1478	744	$\frac{5}{744}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{744}^2\ \Phi_{372}^2\ \Phi_{248}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{24}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
101433	1478	1113	$\frac{6}{371}$	$\frac{1}{7}$	$\frac{365}{1113}$	$\frac{374}{1113}$	$\Phi_{1113}\ \Phi_{371}^2\ \Phi_{159}\ \Phi_{53}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
101434	1478	1110	$\frac{1}{185}$	$\frac{184}{555}$	$\frac{1}{3}$	$\frac{371}{1110}$	$\Phi_{1110}^2\ \Phi_{555}\ \Phi_{370}^2\ \Phi_{222}^2\ \Phi_{111}\ \Phi_{74}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
101435	1478	1104	$\frac{3}{368}$	$\frac{1}{4}$	$\frac{365}{1104}$	$\frac{1}{3}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}^2\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{48}\ \Phi_{46}^2\ \Phi_{24}\ \Phi_{23}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
101436	1478	888	$\frac{1}{74}$	$\frac{149}{888}$	$\frac{73}{222}$	$\frac{1}{3}$	$\Phi_{888}^2\ \Phi_{444}^2\ \Phi_{296}^2\ \Phi_{222}\ \Phi_{148}^2\ \Phi_{111}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2$
101437	1478	780	$\frac{1}{20}$	$\frac{41}{780}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{30}\ \Phi_{26}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{12}\ \Phi_6$
101438	1478	1080	$\frac{1}{20}$	$\frac{19}{360}$	$\frac{341}{1080}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{30}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
101439	1478	750	$\frac{11}{750}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{750}^2\ \Phi_{375}^2\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{125}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
101440	1478	2760	$\frac{3}{184}$	$\frac{181}{920}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
101441	1478	2256	$\frac{13}{752}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{12}\ \Phi_6$
101442	1478	828	$\frac{3}{92}$	$\frac{89}{828}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}\ \Phi_{207}^2\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{36}^2\ \Phi_{23}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
101443	1478	768	$\frac{29}{768}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
101444	1478	2940	$\frac{4}{245}$	$\frac{1}{5}$	$\frac{241}{980}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{588}\ \Phi_{420}\ \Phi_{294}\ \Phi_{210}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
101445	1478	2400	$\frac{1}{20}$	$\frac{61}{800}$	$\frac{19}{80}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{150}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
101446	1478	960	$\frac{1}{20}$	$\frac{19}{240}$	$\frac{221}{960}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{60}\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
101447	1478	840	$\frac{4}{105}$	$\frac{101}{840}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
101448	1478	2310	$\frac{31}{770}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
101449	1478	900	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{161}{900}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
101450	1478	840	$\frac{1}{20}$	$\frac{101}{840}$	$\frac{19}{120}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_6$
101451	1478	1092	$\frac{11}{364}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{353}{1092}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{273}^2\ \Phi_{156}^2\ \Phi_{84}^2\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{39}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
101452	1478	784	$\frac{45}{784}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{784}^2\ \Phi_{392}^2\ \Phi_{196}^2\ \Phi_{112}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
101453	1478	910	$\frac{11}{182}$	$\frac{1}{7}$	$\frac{171}{910}$	$\frac{3}{14}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{130}^2\ \Phi_{70}^2\ \Phi_{65}^2\ \Phi_{35}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
101454	1479	1376	$\frac{1}{86}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{85}{172}$	$\Phi_{1376}^2\ \Phi_{172}\ \Phi_{32}^3\ \Phi_4\ \Phi_1$
101455	1479	1032	$\frac{1}{86}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{85}{172}$	$\Phi_{1032}^2\ \Phi_{516}^2\ \Phi_{258}^2\ \Phi_{172}\ \Phi_{129}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
101456	1479	860	$\frac{1}{86}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{85}{172}$	$\Phi_{860}^2\ \Phi_{430}^2\ \Phi_{215}^2\ \Phi_{172}\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
101457	1479	1400	$\frac{1}{50}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{49}{100}$	$\Phi_{1400}^2\ \Phi_{280}^2\ \Phi_{200}^2\ \Phi_{100}\ \Phi_{56}^3\ \Phi_{40}^2\ \Phi_{20}\ \Phi_8^3\ \Phi_4\ \Phi_1$
101458	1479	2100	$\frac{1}{50}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{49}{100}$	$\Phi_{2100}^2\ \Phi_{420}^2\ \Phi_{300}^2\ \Phi_{100}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
101459	1479	800	$\frac{1}{50}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{49}{100}$	$\Phi_{800}^2\ \Phi_{400}^2\ \Phi_{200}^2\ \Phi_{160}^2\ \Phi_{100}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{20}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
101460	1479	700	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{49}{100}$	$\Phi_{700}^4\ \Phi_{140}^4\ \Phi_{100}^5\ \Phi_{35}\ \Phi_{28}^4\ \Phi_{20}^5\ \Phi_5\ \Phi_4^5\ \Phi_1$
101461	1479	1924	$\frac{12}{481}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{469}{962}$	$\Phi_{1924}\ \Phi_{481}\ \Phi_{148}\ \Phi_{52}^2\ \Phi_{37}\ \Phi_{26}\ \Phi_{13}\ \Phi_4\ \Phi_1$
101462	1479	532	$\frac{1}{38}$	$\frac{39}{532}$	$\frac{1}{4}$	$\frac{37}{76}$	$\Phi_{532}^3\ \Phi_{266}^3\ \Phi_{133}^3\ \Phi_{76}^2\ \Phi_{38}\ \Phi_{28}^3\ \Phi_{19}\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4\ \Phi_1$
101463	1479	1400	$\frac{1}{28}$	$\frac{1}{25}$	$\frac{8}{25}$	$\frac{27}{56}$	$\Phi_{1400}^2\ \Phi_{280}^2\ \Phi_{200}^2\ \Phi_{56}^3\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_1^3$
101464	1479	504	$\frac{1}{28}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{504}^6\ \Phi_{168}^6\ \Phi_{72}^6\ \Phi_{56}^3\ \Phi_{36}^2\ \Phi_{24}^6\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
101465	1479	3080	$\frac{1}{28}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{27}{56}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{88}\ \Phi_{56}\ \Phi_{55}\ \Phi_{11}\ \Phi_8\ \Phi_1$
101466	1479	280	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{27}{56}$	$\Phi_{280}^{10}\ \Phi_{56}^{11}\ \Phi_{40}^{10}\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^{11}\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
101467	1479	1900	$\frac{18}{475}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{457}{950}$	$\Phi_{1900}\ \Phi_{475}\ \Phi_{380}\ \Phi_{100}\ \Phi_{95}\ \Phi_{76}^2\ \Phi_{38}\ \Phi_{25}\ \Phi_{20}\ \Phi_{19}\ \Phi_5\ \Phi_4\ \Phi_1$
101468	1479	520	$\frac{1}{26}$	$\frac{27}{520}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{520}^3\ \Phi_{260}^3\ \Phi_{130}^3\ \Phi_{104}^3\ \Phi_{65}^3\ \Phi_{52}^2\ \Phi_{40}^3\ \Phi_{26}\ \Phi_{20}^3\ \Phi_{13}\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
101469	1479	936	$\frac{1}{26}$	$\frac{25}{468}$	$\frac{1}{4}$	$\frac{443}{936}$	$\Phi_{936}^3\ \Phi_{312}^3\ \Phi_{104}^3\ \Phi_{72}^3\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{24}^3\ \Phi_{13}\ \Phi_8^3\ \Phi_4\ \Phi_1$
101470	1479	1376	$\frac{1}{43}$	$\frac{1}{16}$	$\frac{14}{43}$	$\frac{15}{32}$	$\Phi_{1376}^2\ \Phi_{43}^2\ \Phi_{32}^3\ \Phi_1^3$
101471	1479	480	$\frac{1}{30}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{480}^6\ \Phi_{160}^6\ \Phi_{96}^6\ \Phi_{60}^2\ \Phi_{32}^3\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
101472	1479	1404	$\frac{1}{52}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{234}\ \Phi_{156}^2\ \Phi_{117}\ \Phi_{108}\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{36}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
101473	1479	912	$\frac{1}{38}$	$\frac{37}{456}$	$\frac{1}{4}$	$\frac{419}{912}$	$\Phi_{912}^3\ \Phi_{304}^3\ \Phi_{76}^2\ \Phi_{48}^3\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
101474	1479	1440	$\frac{1}{18}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{160}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}^2\ \Phi_{160}\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
101475	1479	520	$\frac{1}{52}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{520}^4\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{104}^4\ \Phi_{65}^2\ \Phi_{52}\ \Phi_{40}^3\ \Phi_{26}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
101476	1479	288	$\frac{1}{18}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{288}^6\ \Phi_{144}^4\ \Phi_{96}^6\ \Phi_{72}^6\ \Phi_{48}^4\ \Phi_{36}^6\ \Phi_{32}^3\ \Phi_{24}^6\ \Phi_{18}^5\ \Phi_{16}^2\ \Phi_{12}^6\ \Phi_9^5\ \Phi_8^3\ \Phi_6^5\ \Phi_4^3\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
101477	1479	1386	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{154}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{198}^2\ \Phi_{126}\ \Phi_{99}^2\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{63}\ \Phi_{42}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{21}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
101478	1479	1320	$\frac{1}{88}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}^2\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
101479	1479	1300	$\frac{1}{52}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1300}\ \Phi_{650}\ \Phi_{325}\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{100}\ \Phi_{65}^2\ \Phi_{52}\ \Phi_{26}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
101480	1479	264	$\frac{1}{88}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{264}^6\ \Phi_{132}^6\ \Phi_{88}^5\ \Phi_{66}^6\ \Phi_{44}^5\ \Phi_{33}^6\ \Phi_{24}^5\ \Phi_{22}^5\ \Phi_{12}^6\ \Phi_{11}^5\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
101481	1479	468	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^2\ \Phi_{117}^4\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{36}^3\ \Phi_{26}\ \Phi_{18}^3\ \Phi_{13}\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
101482	1479	624	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{624}^4\ \Phi_{208}^4\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{48}^3\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{16}^3\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
101483	1479	840	$\frac{1}{30}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
101484	1479	390	$\frac{1}{30}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{65}^4\ \Phi_{39}^4\ \Phi_{30}^3\ \Phi_{26}\ \Phi_{15}^3\ \Phi_{13}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^3$
101485	1479	396	$\frac{1}{22}$	$\frac{1}{18}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{396}^6\ \Phi_{198}^2\ \Phi_{132}^6\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{44}^3\ \Phi_{36}^6\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}^6\ \Phi_{11}\ \Phi_9\ \Phi_6\ \Phi_4^3\ \Phi_3\ \Phi_1$
101486	1479	739	$\frac{4}{739}$	$\frac{245}{739}$	$\frac{246}{739}$	$\frac{247}{739}$	$\Phi_{739}^2\ \Phi_1^3$
101487	1479	468	$\frac{1}{52}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{468}^3\ \Phi_{234}^3\ \Phi_{156}^4\ \Phi_{117}^3\ \Phi_{78}^4\ \Phi_{52}^3\ \Phi_{39}^4\ \Phi_{36}^2\ \Phi_{26}^3\ \Phi_{18}^2\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
101488	1479	1032	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{14}{43}$	$\Phi_{1032}^2\ \Phi_{516}^2\ \Phi_{258}^2\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
101489	1479	860	$\frac{1}{43}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{14}{43}$	$\Phi_{860}^2\ \Phi_{430}^2\ \Phi_{215}^2\ \Phi_{43}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1^3$
101490	1479	1140	$\frac{1}{38}$	$\frac{77}{570}$	$\frac{1}{4}$	$\frac{37}{114}$	$\Phi_{1140}^2\ \Phi_{570}\ \Phi_{380}^2\ \Phi_{285}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}^2\ \Phi_{60}^2\ \Phi_{38}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
101491	1479	1092	$\frac{1}{26}$	$\frac{53}{546}$	$\frac{1}{4}$	$\frac{25}{78}$	$\Phi_{1092}^2\ \Phi_{546}\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{182}\ \Phi_{91}\ \Phi_{84}^2\ \Phi_{52}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{26}\ \Phi_{21}\ \Phi_{14}\ \Phi_{13}\ \Phi_7\ \Phi_4\ \Phi_1$
101492	1479	1050	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{8}{25}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{210}^2\ \Phi_{150}^2\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{42}^3\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_3^3\ \Phi_1^3$
101493	1479	800	$\frac{1}{25}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{8}{25}$	$\Phi_{800}^2\ \Phi_{400}^2\ \Phi_{200}^2\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{25}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_5^2\ \Phi_1^3$
101494	1479	175	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{8}{25}$	$\Phi_{175}^8\ \Phi_{35}^9\ \Phi_{25}^{10}\ \Phi_7^8\ \Phi_5^{11}\ \Phi_1^{11}$
101495	1479	252	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{252}^8\ \Phi_{126}^4\ \Phi_{84}^6\ \Phi_{63}^4\ \Phi_{42}^3\ \Phi_{36}^{10}\ \Phi_{28}^8\ \Phi_{21}^3\ \Phi_{18}^5\ \Phi_{14}^4\ \Phi_{12}^8\ \Phi_9^5\ \Phi_7^4\ \Phi_6^4\ \Phi_4^9\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
101496	1479	2310	$\frac{1}{14}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{165}\ \Phi_{66}\ \Phi_{55}\ \Phi_{42}\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
101497	1479	420	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{13}{42}$	$\Phi_{420}^6\ \Phi_{210}^4\ \Phi_{105}^4\ \Phi_{84}^6\ \Phi_{60}^6\ \Phi_{42}^5\ \Phi_{30}^4\ \Phi_{21}^5\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{12}^6\ \Phi_{10}^2\ \Phi_6^5\ \Phi_5^2\ \Phi_4^3\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
101498	1479	1404	$\frac{1}{26}$	$\frac{25}{234}$	$\frac{1}{4}$	$\frac{209}{702}$	$\Phi_{1404}^2\ \Phi_{702}\ \Phi_{351}\ \Phi_{108}^2\ \Phi_{54}\ \Phi_{52}^2\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_4\ \Phi_1$
101499	1479	120	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{120}^{12}\ \Phi_{60}^{14}\ \Phi_{40}^{12}\ \Phi_{30}^{13}\ \Phi_{24}^9\ \Phi_{20}^{14}\ \Phi_{15}^{13}\ \Phi_{12}^{11}\ \Phi_{10}^{13}\ \Phi_8^{12}\ \Phi_6^{10}\ \Phi_5^{13}\ \Phi_4^{13}\ \Phi_3^{10}\ \Phi_2^{12}\ \Phi_1^{13}$
101500	1479	684	$\frac{1}{38}$	$\frac{37}{228}$	$\frac{1}{4}$	$\frac{191}{684}$	$\Phi_{684}^3\ \Phi_{342}^3\ \Phi_{171}^3\ \Phi_{76}^2\ \Phi_{38}\ \Phi_{36}^3\ \Phi_{19}\ \Phi_{18}^3\ \Phi_9^3\ \Phi_4\ \Phi_1$
101501	1479	360	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^6\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{40}^6\ \Phi_{36}^6\ \Phi_{30}^4\ \Phi_{24}^6\ \Phi_{20}^2\ \Phi_{18}^5\ \Phi_{15}^4\ \Phi_{12}^6\ \Phi_{10}^2\ \Phi_9^5\ \Phi_8^3\ \Phi_6^5\ \Phi_5^2\ \Phi_4^3\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
101502	1479	60	$\frac{1}{30}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{60}^{26}\ \Phi_{30}^{25}\ \Phi_{20}^{23}\ \Phi_{15}^{25}\ \Phi_{12}^{26}\ \Phi_{10}^{22}\ \Phi_6^{25}\ \Phi_5^{22}\ \Phi_4^{25}\ \Phi_3^{25}\ \Phi_2^{24}\ \Phi_1^{25}$
101503	1479	288	$\frac{1}{18}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{288}^6\ \Phi_{144}^6\ \Phi_{96}^6\ \Phi_{72}^6\ \Phi_{48}^6\ \Phi_{36}^2\ \Phi_{32}^3\ \Phi_{24}^6\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_9\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
101504	1479	608	$\frac{1}{38}$	$\frac{115}{608}$	$\frac{37}{152}$	$\frac{1}{4}$	$\Phi_{608}^3\ \Phi_{304}^3\ \Phi_{76}^2\ \Phi_{38}\ \Phi_{32}^3\ \Phi_{19}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
101505	1479	76	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{9}{38}$	$\frac{1}{4}$	$\Phi_{76}^{26}\ \Phi_{38}^9\ \Phi_{19}^{17}\ \Phi_4^{25}\ \Phi_2^8\ \Phi_1^{17}$
101506	1479	1008	$\frac{1}{18}$	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{112}\ \Phi_{72}^2\ \Phi_{56}\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
101507	1479	624	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{131}{624}$	$\frac{1}{4}$	$\Phi_{624}^{3}\ \Phi_{312}^{3}\ \Phi_{208}^{3}\ \Phi_{104}^{3}\ \Phi_{52}^{2}\ \Phi_{48}^{3}\ \Phi_{26}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{13}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
101508	1479	960	$\frac{1}{30}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{960}^{2}\ \Phi_{480}^{2}\ \Phi_{320}^{2}\ \Phi_{192}^{2}\ \Phi_{160}^{2}\ \Phi_{96}^{2}\ \Phi_{64}\ \Phi_{60}^{2}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
101509	1479	1760	$\frac{4}{55}$	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{55}\ \Phi_{32}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
101510	1479	1140	$\frac{1}{19}$	$\frac{77}{570}$	$\frac{18}{95}$	$\frac{1}{4}$	$\Phi_{1140}^{2}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}^{2}\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}^{2}\ \Phi_{60}^{2}\ \Phi_{57}\ \Phi_{38}\ \Phi_{30}\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
101511	1479	1260	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{1260}^{2}\ \Phi_{630}\ \Phi_{420}^{2}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}^{2}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{60}^{2}\ \Phi_{45}\ \Phi_{36}^{2}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
101512	1479	160	$\frac{3}{32}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{160}^{10}\ \Phi_{80}^{10}\ \Phi_{40}^{10}\ \Phi_{32}^{11}\ \Phi_{20}^{3}\ \Phi_{16}^{11}\ \Phi_{10}^{2}\ \Phi_{8}^{11}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
101513	1479	385	$\frac{4}{55}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{385}^{4}\ \Phi_{77}^{4}\ \Phi_{55}^{5}\ \Phi_{35}\ \Phi_{11}^{5}\ \Phi_{5}\ \Phi_{1}$
101514	1479	140	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{6}{35}$	$\Phi_{140}^{12}\ \Phi_{70}^{8}\ \Phi_{35}^{9}\ \Phi_{28}^{12}\ \Phi_{20}^{15}\ \Phi_{14}^{8}\ \Phi_{10}^{10}\ \Phi_{7}^{8}\ \Phi_{5}^{11}\ \Phi_{4}^{15}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
101515	1480	369	$\frac{1}{369}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{184}{369}$	$\Phi_{369}^{4}\ \Phi_{123}^{4}\ \Phi_{41}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
101516	1480	1479	$\frac{5}{1479}$	$\frac{371}{1479}$	$\frac{554}{1479}$	$\frac{737}{1479}$	$\Phi_{1479}\ \Phi_{493}\ \Phi_{87}\ \Phi_{51}\ \Phi_{29}\ \Phi_{17}\ \Phi_{3}\ \Phi_{1}^{2}$
101517	1480	2360	$\frac{1}{295}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{147}{295}$	$\Phi_{2360}\ \Phi_{472}\ \Phi_{295}\ \Phi_{59}\ \Phi_{40}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
101518	1480	741	$\frac{1}{247}$	$\frac{62}{247}$	$\frac{1}{3}$	$\frac{123}{247}$	$\Phi_{741}^{3}\ \Phi_{57}^{3}\ \Phi_{39}^{3}\ \Phi_{3}^{2}$
101519	1480	2576	$\frac{1}{184}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{183}{368}$	$\Phi_{2576}\ \Phi_{368}^{2}\ \Phi_{112}\ \Phi_{16}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
101520	1480	5520	$\frac{1}{184}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{183}{368}$	$\Phi_{5520}\ \Phi_{240}\ \Phi_{15}$
101521	1480	441	$\frac{1}{147}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{73}{147}$	$\Phi_{441}^{3}\ \Phi_{147}^{4}\ \Phi_{63}^{3}\ \Phi_{49}^{4}\ \Phi_{21}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
101522	1480	294	$\frac{1}{147}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{73}{147}$	$\Phi_{294}^{6}\ \Phi_{147}^{4}\ \Phi_{98}^{6}\ \Phi_{49}^{4}\ \Phi_{42}^{6}\ \Phi_{21}^{4}\ \Phi_{14}^{6}\ \Phi_{7}^{4}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
101523	1480	1479	$\frac{11}{1479}$	$\frac{149}{1479}$	$\frac{665}{1479}$	$\frac{734}{1479}$	$\Phi_{1479}\ \Phi_{493}\ \Phi_{87}\ \Phi_{51}\ \Phi_{29}\ \Phi_{17}\ \Phi_{3}\ \Phi_{1}^{2}$
101524	1480	198	$\frac{1}{99}$	$\frac{1}{6}$	$\frac{25}{99}$	$\frac{49}{99}$	$\Phi_{198}^{9}\ \Phi_{99}^{6}\ \Phi_{66}^{9}\ \Phi_{33}^{6}\ \Phi_{22}^{9}\ \Phi_{18}^{9}\ \Phi_{11}^{6}\ \Phi_{9}^{6}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
101525	1480	1098	$\frac{2}{183}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{181}{366}$	$\Phi_{1098}^{3}\ \Phi_{366}^{2}\ \Phi_{122}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
101526	1480	348	$\frac{1}{87}$	$\frac{11}{174}$	$\frac{163}{348}$	$\frac{43}{87}$	$\Phi_{348}^{8}\ \Phi_{116}^{8}\ \Phi_{87}\ \Phi_{29}\ \Phi_{12}^{8}\ \Phi_{4}^{8}\ \Phi_{3}\ \Phi_{1}^{2}$
101527	1480	261	$\frac{1}{87}$	$\frac{11}{87}$	$\frac{76}{261}$	$\frac{43}{87}$	$\Phi_{261}^{8}\ \Phi_{87}\ \Phi_{29}\ \Phi_{9}^{8}\ \Phi_{3}\ \Phi_{1}^{2}$
101528	1480	87	$\frac{1}{87}$	$\frac{13}{87}$	$\frac{22}{87}$	$\frac{43}{87}$	$\Phi_{87}^{17}\ \Phi_{29}^{17}\ \Phi_{3}^{17}\ \Phi_{1}^{18}$
101529	1480	741	$\frac{3}{247}$	$\frac{25}{247}$	$\frac{1}{3}$	$\frac{122}{247}$	$\Phi_{741}^{3}\ \Phi_{57}^{3}\ \Phi_{39}^{3}\ \Phi_{3}^{2}$
101530	1480	731	$\frac{9}{731}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{361}{731}$	$\Phi_{731}^{2}\ \Phi_{43}^{2}\ \Phi_{17}^{3}\ \Phi_{1}^{4}$
101531	1480	1387	$\frac{1}{73}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{36}{73}$	$\Phi_{1387}\ \Phi_{73}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
101532	1480	2409	$\frac{1}{73}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{36}{73}$	$\Phi_{2409}\ \Phi_{33}^{2}$
101533	1480	1387	$\frac{1}{73}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{36}{73}$	$\Phi_{1387}\ \Phi_{73}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
101534	1480	2190	$\frac{1}{73}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{36}{73}$	$\Phi_{2190}\ \Phi_{1095}\ \Phi_{730}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
101535	1480	493	$\frac{7}{493}$	$\frac{25}{493}$	$\frac{234}{493}$	$\frac{243}{493}$	$\Phi_{493}^{3}\ \Phi_{29}^{3}\ \Phi_{17}^{3}\ \Phi_{1}^{4}$
101536	1480	2232	$\frac{1}{62}$	$\frac{1}{9}$	$\frac{63}{248}$	$\frac{61}{124}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{558}\ \Phi_{279}\ \Phi_{186}\ \Phi_{93}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_{6}$
101537	1480	1092	$\frac{3}{182}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{179}{364}$	$\Phi_{1092}^{4}\ \Phi_{156}^{4}\ \Phi_{84}^{4}\ \Phi_{39}\ \Phi_{12}^{4}$
101538	1480	1820	$\frac{3}{182}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{179}{364}$	$\Phi_{1820}^{2}\ \Phi_{260}^{2}\ \Phi_{140}^{2}\ \Phi_{35}\ \Phi_{20}^{2}$
101539	1480	399	$\frac{1}{57}$	$\frac{29}{399}$	$\frac{1}{3}$	$\frac{28}{57}$	$\Phi_{399}^{4}\ \Phi_{133}^{4}\ \Phi_{57}^{2}\ \Phi_{21}^{4}\ \Phi_{19}^{2}\ \Phi_{7}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
101540	1480	1060	$\frac{1}{53}$	$\frac{27}{212}$	$\frac{1}{5}$	$\frac{26}{53}$	$\Phi_{1060}^{2}\ \Phi_{530}^{2}\ \Phi_{265}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
101541	1480	357	$\frac{1}{51}$	$\frac{13}{357}$	$\frac{172}{357}$	$\frac{25}{51}$	$\Phi_{357}^{4}\ \Phi_{119}^{4}\ \Phi_{51}^{5}\ \Phi_{21}^{4}\ \Phi_{17}^{5}\ \Phi_{7}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
101542	1480	1071	$\frac{1}{51}$	$\frac{26}{357}$	$\frac{331}{1071}$	$\frac{25}{51}$	$\Phi_{1071}^{2}\ \Phi_{153}^{2}\ \Phi_{63}^{2}\ \Phi_{51}\ \Phi_{17}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
101543	1480	204	$\frac{1}{51}$	$\frac{19}{204}$	$\frac{13}{51}$	$\frac{25}{51}$	$\Phi_{204}^{8}\ \Phi_{102}^{8}\ \Phi_{68}^{8}\ \Phi_{51}^{5}\ \Phi_{34}^{8}\ \Phi_{17}^{5}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
101544	1480	1639	$\frac{3}{149}$	$\frac{1}{11}$	$\frac{38}{149}$	$\frac{73}{149}$	Φ_{1639}
101545	1480	145	$\frac{3}{145}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{71}{145}$	$\Phi_{145}^{10}\ \Phi_{29}^{11}\ \Phi_{5}^{10}\ \Phi_{1}^{12}$
101546	1480	145	$\frac{3}{145}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{71}{145}$	$\Phi_{145}^{10}\ \Phi_{29}^{11}\ \Phi_{5}^{10}\ \Phi_{1}^{12}$
101547	1480	1479	$\frac{31}{1479}$	$\frac{151}{1479}$	$\frac{332}{1479}$	$\frac{724}{1479}$	$\Phi_{1479}\ \Phi_{493}\ \Phi_{87}\ \Phi_{51}\ \Phi_{29}\ \Phi_{17}\ \Phi_{3}\ \Phi_{1}^{2}$
101548	1480	493	$\frac{11}{493}$	$\frac{63}{493}$	$\frac{86}{493}$	$\frac{241}{493}$	$\Phi_{493}^{3}\ \Phi_{29}^{3}\ \Phi_{17}^{3}\ \Phi_{1}^{4}$
101549	1480	594	$\frac{7}{297}$	$\frac{38}{297}$	$\frac{1}{6}$	$\frac{145}{297}$	$\Phi_{594}^{3}\ \Phi_{297}^{2}\ \Phi_{198}^{3}\ \Phi_{99}^{2}\ \Phi_{66}^{3}\ \Phi_{54}^{3}\ \Phi_{33}^{2}\ \Phi_{27}^{2}\ \Phi_{22}^{3}\ \Phi_{18}^{3}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
101550	1480	289	$\frac{7}{289}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{141}{289}$	$\Phi_{289}^{5}\ \Phi_{17}^{7}\ \Phi_{1}^{8}$
101551	1480	1855	$\frac{9}{371}$	$\frac{38}{371}$	$\frac{1}{5}$	$\frac{181}{371}$	$\Phi_{1855}\ \Phi_{265}\ \Phi_{35}$
101552	1480	1083	$\frac{9}{361}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{176}{361}$	$\Phi_{1083}^{2}\ \Phi_{57}^{3}\ \Phi_{3}^{2}$
101553	1480	1479	$\frac{37}{1479}$	$\frac{110}{1479}$	$\frac{379}{1479}$	$\frac{721}{1479}$	$\Phi_{1479}\ \Phi_{493}\ \Phi_{87}\ \Phi_{51}\ \Phi_{29}\ \Phi_{17}\ \Phi_{3}\ \Phi_{1}^{2}$
101554	1480	936	$\frac{1}{39}$	$\frac{1}{36}$	$\frac{35}{72}$	$\frac{19}{39}$	$\Phi_{936}^{3}\ \Phi_{312}^{3}\ \Phi_{104}^{3}\ \Phi_{72}^{4}\ \Phi_{39}\ \Phi_{24}^{4}\ \Phi_{13}\ \Phi_{8}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
101555	1480	39	$\frac{1}{39}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{39}^{38}\ \Phi_{13}^{38}\ \Phi_{3}^{37}\ \Phi_{1}^{38}$
101556	1480	702	$\frac{1}{39}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{19}{39}$	$\Phi_{702}^{3}\ \Phi_{351}^{3}\ \Phi_{54}^{4}\ \Phi_{39}\ \Phi_{27}^{4}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
101557	1480	1560	$\frac{1}{39}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{19}{39}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{60}\ \Phi_{40}^{2}\ \Phi_{39}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
101558	1480	624	$\frac{1}{39}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{19}{39}$	$\Phi_{624}^{3}\ \Phi_{312}^{3}\ \Phi_{208}^{3}\ \Phi_{104}^{3}\ \Phi_{48}^{4}\ \Phi_{39}\ \Phi_{24}^{4}\ \Phi_{16}^{4}\ \Phi_{13}\ \Phi_{8}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
101559	1480	585	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{19}{39}$	$\Phi_{585}^{3}\ \Phi_{195}^{3}\ \Phi_{65}^{3}\ \Phi_{45}^{4}\ \Phi_{39}\ \Phi_{15}^{4}\ \Phi_{13}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
101560	1480	546	$\frac{1}{39}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{19}{39}$	$\Phi_{546}^{3}\ \Phi_{273}^{3}\ \Phi_{182}^{3}\ \Phi_{91}^{3}\ \Phi_{42}^{4}\ \Phi_{39}\ \Phi_{21}^{4}\ \Phi_{14}^{4}\ \Phi_{13}\ \Phi_{7}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
101561	1480	504	$\frac{1}{36}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{504}^{6}\ \Phi_{168}^{6}\ \Phi_{72}^{4}\ \Phi_{56}^{6}\ \Phi_{24}^{4}\ \Phi_{21}^{2}\ \Phi_{8}^{4}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
101562	1480	936	$\frac{1}{36}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{35}{72}$	$\Phi_{936}^{3}\ \Phi_{312}^{3}\ \Phi_{104}^{3}\ \Phi_{72}^{4}\ \Phi_{24}^{4}\ \Phi_{13}^{3}\ \Phi_{8}^{4}\ \Phi_{1}^{4}$
101563	1480	3960	$\frac{1}{36}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{35}{72}$	$\Phi_{3960}\ \Phi_{1320}\ \Phi_{440}\ \Phi_{55}$
101564	1480	936	$\frac{1}{36}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{35}{72}$	$\Phi_{936}^{3}\ \Phi_{312}^{3}\ \Phi_{104}^{3}\ \Phi_{72}^{4}\ \Phi_{39}\ \Phi_{24}^{4}\ \Phi_{13}\ \Phi_{8}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
101565	1480	72	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{35}{72}$	$\Phi_{72}^{40}\ \Phi_{24}^{40}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{40}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
101566	1480	330	$\frac{1}{33}$	$\frac{17}{165}$	$\frac{1}{6}$	$\frac{16}{33}$	$\Phi_{330}^{6}\ \Phi_{165}^{4}\ \Phi_{110}^{6}\ \Phi_{66}^{3}\ \Phi_{55}^{4}\ \Phi_{33}^{2}\ \Phi_{30}^{6}\ \Phi_{22}^{3}\ \Phi_{15}^{4}\ \Phi_{11}^{2}\ \Phi_{10}^{6}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
101567	1480	87	$\frac{1}{29}$	$\frac{3}{29}$	$\frac{13}{87}$	$\frac{14}{29}$	$\Phi_{87}^{20}\ \Phi_{29}^{11}\ \Phi_{3}^{20}\ \Phi_{1}^{12}$
101568	1480	858	$\frac{5}{143}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{69}{143}$	$\Phi_{858}^{2}\ \Phi_{429}^{2}\ \Phi_{286}^{2}\ \Phi_{78}^{2}\ \Phi_{66}^{3}\ \Phi_{39}^{2}\ \Phi_{33}^{3}\ \Phi_{26}^{2}\ \Phi_{22}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
101569	1480	357	$\frac{13}{357}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{172}{357}$	$\Phi_{357}^{4}\ \Phi_{119}^{4}\ \Phi_{51}^{4}\ \Phi_{21}^{4}\ \Phi_{17}^{7}\ \Phi_{7}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
101570	1480	162	$\frac{1}{27}$	$\frac{7}{81}$	$\frac{1}{6}$	$\frac{13}{27}$	$\Phi_{162}^{12}\ \Phi_{81}^{8}\ \Phi_{54}^{9}\ \Phi_{27}^{6}\ \Phi_{18}^{9}\ \Phi_{9}^{6}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
101571	1480	285	$\frac{2}{57}$	$\frac{11}{285}$	$\frac{1}{3}$	$\frac{137}{285}$	$\Phi_{285}^{5}\ \Phi_{95}^{5}\ \Phi_{57}^{6}\ \Phi_{19}^{6}\ \Phi_{15}^{5}\ \Phi_{5}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
101572	1480	1050	$\frac{1}{25}$	$\frac{1}{21}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{1050}^{2}\ \Phi_{525}\ \Phi_{350}^{2}\ \Phi_{210}^{2}\ \Phi_{175}\ \Phi_{150}^{2}\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}^{2}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{6}^{2}$
101573	1480	114	$\frac{1}{38}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{114}^{20}\ \Phi_{57}^{19}\ \Phi_{6}^{20}\ \Phi_{3}^{18}$
101574	1480	351	$\frac{1}{39}$	$\frac{19}{351}$	$\frac{1}{3}$	$\frac{166}{351}$	$\Phi_{351}^{4}\ \Phi_{117}^{4}\ \Phi_{39}^{6}\ \Phi_{27}^{4}\ \Phi_{13}^{6}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
101575	1480	210	$\frac{1}{21}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{210}^{14}\ \Phi_{105}\ \Phi_{70}^{12}\ \Phi_{42}^{14}\ \Phi_{35}\ \Phi_{30}^{14}\ \Phi_{15}\ \Phi_{14}^{12}\ \Phi_{10}^{12}\ \Phi_{6}^{14}\ \Phi_{2}^{12}$
101576	1480	348	$\frac{1}{29}$	$\frac{11}{174}$	$\frac{7}{29}$	$\frac{163}{348}$	$\Phi_{348}^{8}\ \Phi_{116}^{8}\ \Phi_{29}^{3}\ \Phi_{12}^{8}\ \Phi_{4}^{8}\ \Phi_{1}^{4}$
101577	1480	348	$\frac{11}{174}$	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{163}{348}$	$\Phi_{348}^{8}\ \Phi_{116}^{8}\ \Phi_{87}\ \Phi_{29}\ \Phi_{12}^{8}\ \Phi_{4}^{8}\ \Phi_{3}\ \Phi_{1}^{2}$
101578	1480	315	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{315}^{6}\ \Phi_{105}^{3}\ \Phi_{63}^{6}\ \Phi_{45}^{4}\ \Phi_{35}^{3}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{4}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
101579	1480	1558	$\frac{1}{38}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{1558}\ \Phi_{779}\ \Phi_{82}$
101580	1480	1377	$\frac{1}{51}$	$\frac{103}{1377}$	$\frac{50}{153}$	$\frac{637}{1377}$	$\Phi_{1377}\ \Phi_{459}\ \Phi_{153}^{2}\ \Phi_{81}\ \Phi_{51}\ \Phi_{27}\ \Phi_{17}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
101581	1480	1131	$\frac{7}{377}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1131}^2\ \Phi_{87}^2\ \Phi_{39}$
101582	1480	342	$\frac{1}{57}$	$\frac{14}{171}$	$\frac{1}{3}$	$\frac{157}{342}$	$\Phi_{342}^8\ \Phi_{114}^8\ \Phi_{57}^2\ \Phi_{38}^8\ \Phi_{19}^2\ \Phi_{18}^8\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
101583	1480	68	$\frac{1}{17}$	$\frac{3}{34}$	$\frac{2}{17}$	$\frac{31}{68}$	$\Phi_{68}^{40}\ \Phi_{17}^7\ \Phi_4^{40}\ \Phi_1^8$
101584	1480	462	$\frac{3}{77}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{66}^3\ \Phi_{42}^4\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
101585	1480	270	$\frac{1}{27}$	$\frac{13}{135}$	$\frac{1}{6}$	$\frac{61}{135}$	$\Phi_{270}^6\ \Phi_{135}^4\ \Phi_{90}^6\ \Phi_{54}^9\ \Phi_{45}^4\ \Phi_{30}^6\ \Phi_{27}^6\ \Phi_{18}^9\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_9^6\ \Phi_6^8\ \Phi_5^4\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
101586	1480	51	$\frac{1}{51}$	$\frac{5}{51}$	$\frac{14}{51}$	$\frac{23}{51}$	$\Phi_{51}^{29}\ \Phi_{17}^{29}\ \Phi_3^{29}\ \Phi_1^{30}$
101587	1480	741	$\frac{11}{741}$	$\frac{73}{741}$	$\frac{1}{3}$	$\frac{334}{741}$	$\Phi_{741}^2\ \Phi_{247}^2\ \Phi_{57}^2\ \Phi_{39}^2\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
101588	1480	377	$\frac{7}{377}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{377}^4\ \Phi_{29}^3\ \Phi_{13}^4\ \Phi_1^4$
101589	1480	225	$\frac{1}{75}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{225}^6\ \Phi_{75}^8\ \Phi_{45}^6\ \Phi_{25}^8\ \Phi_{15}^8\ \Phi_9^4\ \Phi_5^8\ \Phi_3^5\ \Phi_1^6$
101590	1480	441	$\frac{1}{49}$	$\frac{1}{9}$	$\frac{12}{49}$	$\frac{4}{9}$	$\Phi_{441}^3\ \Phi_{147}^3\ \Phi_{63}^3\ \Phi_{49}^6\ \Phi_{21}^3\ \Phi_9^4\ \Phi_7^6\ \Phi_3^4\ \Phi_1^8$
101591	1480	1710	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{285}\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{90}\ \Phi_{30}\ \Phi_{10}^2$
101592	1480	306	$\frac{5}{153}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{306}^6\ \Phi_{153}^4\ \Phi_{102}^6\ \Phi_{51}^4\ \Phi_{34}^6\ \Phi_{18}^3\ \Phi_{17}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
101593	1480	693	$\frac{3}{77}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}^2\ \Phi_{77}^4\ \Phi_{63}\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{11}^4\ \Phi_9^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
101594	1480	126	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{5}{42}$	$\frac{4}{9}$	$\Phi_{126}^{12}\ \Phi_{63}^9\ \Phi_{42}^{16}\ \Phi_{21}^{12}\ \Phi_{18}^{12}\ \Phi_{14}^{16}\ \Phi_9^{10}\ \Phi_7^{12}\ \Phi_6^{16}\ \Phi_3^{13}\ \Phi_2^{16}\ \Phi_1^{14}$
101595	1480	204	$\frac{1}{17}$	$\frac{19}{204}$	$\frac{2}{17}$	$\frac{15}{34}$	$\Phi_{204}^8\ \Phi_{102}^8\ \Phi_{68}^8\ \Phi_{51}^8\ \Phi_{17}^7\ \Phi_{12}^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^8\ \Phi_1^8$
101596	1480	66	$\frac{1}{33}$	$\frac{4}{33}$	$\frac{1}{6}$	$\frac{29}{66}$	$\Phi_{66}^{19}\ \Phi_{33}^{26}\ \Phi_{22}^{19}\ \Phi_{11}^{26}\ \Phi_6^{18}\ \Phi_3^{25}\ \Phi_2^{18}\ \Phi_1^{26}$
101597	1480	1309	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{171}{1309}$	$\frac{569}{1309}$	$\Phi_{1309}\ \Phi_{187}^2\ \Phi_{119}\ \Phi_{77}\ \Phi_{17}\ \Phi_{11}^2\ \Phi_7\ \Phi_1^2$
101598	1480	261	$\frac{1}{87}$	$\frac{35}{261}$	$\frac{86}{261}$	$\frac{113}{261}$	$\Phi_{261}^6\ \Phi_{87}^5\ \Phi_{29}^5\ \Phi_9^6\ \Phi_3^5\ \Phi_1^6$
101599	1480	261	$\frac{2}{87}$	$\frac{35}{261}$	$\frac{17}{87}$	$\frac{113}{261}$	$\Phi_{261}^5\ \Phi_{87}^7\ \Phi_{29}^7\ \Phi_9^5\ \Phi_3^7\ \Phi_1^8$
101600	1480	1932	$\frac{1}{92}$	$\frac{1}{7}$	$\frac{91}{276}$	$\frac{3}{7}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{483}\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{84}\ \Phi_{69}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
101601	1480	525	$\frac{1}{75}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{525}^3\ \Phi_{175}^3\ \Phi_{105}^3\ \Phi_{75}^2\ \Phi_{35}^3\ \Phi_{25}^2\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2$
101602	1480	1316	$\frac{3}{188}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1316}\ \Phi_{658}\ \Phi_{329}\ \Phi_{188}^2\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_7\ \Phi_1^2$
101603	1480	945	$\frac{4}{189}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{15}^2$
101604	1480	322	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{9}{46}$	$\frac{3}{7}$	$\Phi_{322}^4\ \Phi_{161}^4\ \Phi_{46}^8\ \Phi_{23}^8\ \Phi_{14}^4\ \Phi_7^5\ \Phi_2^8\ \Phi_1^{10}$
101605	1480	798	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}\ \Phi_{133}\ \Phi_{114}^4\ \Phi_{57}^4\ \Phi_{42}\ \Phi_{38}^2\ \Phi_{21}\ \Phi_{19}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
101606	1480	1344	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}^2\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}^2\ \Phi_{84}\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
101607	1480	1449	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}^2\ \Phi_{69}^2\ \Phi_{63}\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
101608	1480	1479	$\frac{23}{1479}$	$\frac{223}{1479}$	$\frac{364}{1479}$	$\frac{628}{1479}$	$\Phi_{1479}\ \Phi_{493}\ \Phi_{87}\ \Phi_{51}\ \Phi_{29}\ \Phi_{17}\ \Phi_3\ \Phi_1^2$
101609	1480	255	$\frac{1}{51}$	$\frac{41}{255}$	$\frac{10}{51}$	$\frac{107}{255}$	$\Phi_{255}^5\ \Phi_{85}^5\ \Phi_{51}^9\ \Phi_{17}^9\ \Phi_{15}^5\ \Phi_5^5\ \Phi_3^9\ \Phi_1^{10}$
101610	1480	459	$\frac{1}{51}$	$\frac{25}{153}$	$\frac{89}{459}$	$\frac{64}{153}$	$\Phi_{459}^4\ \Phi_{153}^2\ \Phi_{51}\ \Phi_{27}^4\ \Phi_{17}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
101611	1480	1590	$\frac{1}{53}$	$\frac{26}{159}$	$\frac{1}{5}$	$\frac{133}{318}$	$\Phi_{1590}^2\ \Phi_{530}^2\ \Phi_{265}\ \Phi_{30}^2\ \Phi_{10}^2$
101612	1480	261	$\frac{1}{87}$	$\frac{43}{261}$	$\frac{76}{261}$	$\frac{109}{261}$	$\Phi_{261}^6\ \Phi_{87}^5\ \Phi_{29}^5\ \Phi_9^6\ \Phi_3^5\ \Phi_1^6$
101613	1480	576	$\frac{7}{192}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^2\ \Phi_{144}^3\ \Phi_{96}^2\ \Phi_{72}^3\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
101614	1480	1558	$\frac{1}{38}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{1558}\ \Phi_{779}\ \Phi_{82}$
101615	1480	187	$\frac{2}{187}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{187}^8\ \Phi_{17}^7\ \Phi_{11}^8\ \Phi_1^8$
101616	1480	153	$\frac{5}{153}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{153}^{10}\ \Phi_{51}^{10}\ \Phi_{17}^7\ \Phi_9^{10}\ \Phi_3^{10}\ \Phi_1^8$
101617	1480	558	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{6}{31}$	$\frac{25}{62}$	$\Phi_{558}^5\ \Phi_{279}\ \Phi_{186}^5\ \Phi_{93}\ \Phi_{18}^5\ \Phi_6^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
101618	1480	87	$\frac{2}{87}$	$\frac{13}{87}$	$\frac{17}{87}$	$\frac{35}{87}$	$\Phi_{87}^{17}\ \Phi_{29}^{17}\ \Phi_{3}^{17}\ \Phi_{1}^{18}$
101619	1480	1855	$\frac{6}{371}$	$\frac{73}{371}$	$\frac{1}{5}$	$\frac{149}{371}$	$\Phi_{1855}\ \Phi_{265}\ \Phi_{35}$
101620	1480	1479	$\frac{14}{1479}$	$\frac{293}{1479}$	$\frac{443}{1479}$	$\frac{593}{1479}$	$\Phi_{1479}\ \Phi_{493}\ \Phi_{87}\ \Phi_{51}\ \Phi_{29}\ \Phi_{17}\ \Phi_{3}\ \Phi_{1}^{2}$
101621	1480	741	$\frac{2}{247}$	$\frac{49}{247}$	$\frac{1}{3}$	$\frac{99}{247}$	$\Phi_{741}^{3}\ \Phi_{57}^{3}\ \Phi_{39}^{3}\ \Phi_{3}^{2}$
101622	1480	840	$\frac{1}{21}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{140}^{2}\ \Phi_{120}^{2}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
101623	1480	493	$\frac{8}{493}$	$\frac{97}{493}$	$\frac{99}{493}$	$\frac{197}{493}$	$\Phi_{493}^{3}\ \Phi_{29}^{3}\ \Phi_{17}^{3}\ \Phi_{1}^{4}$
101624	1480	306	$\frac{1}{51}$	$\frac{25}{153}$	$\frac{32}{153}$	$\frac{121}{306}$	$\Phi_{306}^{8}\ \Phi_{153}^{2}\ \Phi_{102}^{8}\ \Phi_{51}\ \Phi_{34}^{8}\ \Phi_{18}^{8}\ \Phi_{17}\ \Phi_{9}^{2}\ \Phi_{6}^{8}\ \Phi_{3}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
101625	1480	1558	$\frac{1}{38}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{1558}\ \Phi_{779}\ \Phi_{82}$
101626	1480	420	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{420}^{6}\ \Phi_{140}^{6}\ \Phi_{105}^{3}\ \Phi_{84}^{6}\ \Phi_{60}^{4}\ \Phi_{35}^{3}\ \Phi_{28}^{6}\ \Phi_{21}^{2}\ \Phi_{20}^{4}\ \Phi_{15}^{2}\ \Phi_{12}^{4}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
101627	1480	203	$\frac{1}{29}$	$\frac{18}{203}$	$\frac{7}{29}$	$\frac{11}{29}$	$\Phi_{203}^{8}\ \Phi_{29}^{3}\ \Phi_{7}^{8}\ \Phi_{1}^{4}$
101628	1480	1479	$\frac{35}{1479}$	$\frac{184}{1479}$	$\frac{361}{1479}$	$\frac{559}{1479}$	$\Phi_{1479}\ \Phi_{493}\ \Phi_{87}\ \Phi_{51}\ \Phi_{29}\ \Phi_{17}\ \Phi_{3}\ \Phi_{1}^{2}$
101629	1480	594	$\frac{5}{297}$	$\frac{1}{6}$	$\frac{73}{297}$	$\frac{112}{297}$	$\Phi_{594}^{3}\ \Phi_{297}^{2}\ \Phi_{198}^{3}\ \Phi_{99}^{2}\ \Phi_{66}^{3}\ \Phi_{54}^{3}\ \Phi_{33}^{2}\ \Phi_{27}^{2}\ \Phi_{22}^{3}\ \Phi_{18}^{3}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
101630	1480	3576	$\frac{1}{149}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{3576}\ \Phi_{447}$
101631	1480	2360	$\frac{3}{295}$	$\frac{73}{295}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2360}\ \Phi_{472}\ \Phi_{295}\ \Phi_{59}\ \Phi_{40}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
101632	1480	600	$\frac{1}{75}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{600}^{4}\ \Phi_{200}^{4}\ \Phi_{120}^{4}\ \Phi_{75}^{4}\ \Phi_{40}^{3}\ \Phi_{25}^{4}\ \Phi_{24}^{4}\ \Phi_{15}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
101633	1480	1416	$\frac{1}{59}$	$\frac{29}{177}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1416}^{2}\ \Phi_{472}\ \Phi_{177}^{2}\ \Phi_{59}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
101634	1480	2360	$\frac{7}{295}$	$\frac{36}{295}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2360}\ \Phi_{472}\ \Phi_{295}\ \Phi_{59}\ \Phi_{40}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
101635	1480	1368	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1368}^{2}\ \Phi_{456}^{2}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{72}\ \Phi_{57}\ \Phi_{24}\ \Phi_{18}\ \Phi_{6}$
101636	1480	1131	$\frac{1}{29}$	$\frac{28}{377}$	$\frac{349}{1131}$	$\frac{391}{1131}$	$\Phi_{1131}\ \Phi_{377}^{2}\ \Phi_{87}\ \Phi_{39}\ \Phi_{29}\ \Phi_{13}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
101637	1480	561	$\frac{8}{187}$	$\frac{1}{17}$	$\frac{179}{561}$	$\frac{191}{561}$	$\Phi_{561}^{2}\ \Phi_{187}^{4}\ \Phi_{51}^{2}\ \Phi_{33}^{2}\ \Phi_{17}^{3}\ \Phi_{11}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
101638	1480	186	$\frac{1}{186}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{186}^{8}\ \Phi_{93}^{8}\ \Phi_{62}^{8}\ \Phi_{31}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
101639	1480	1107	$\frac{2}{369}$	$\frac{367}{1107}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1107}^{2}\ \Phi_{27}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
101640	1480	246	$\frac{1}{123}$	$\frac{61}{246}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{246}^{8}\ \Phi_{123}^{4}\ \Phi_{82}^{8}\ \Phi_{41}^{4}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
101641	1480	747	$\frac{7}{747}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{747}^{2}\ \Phi_{249}^{2}\ \Phi_{83}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
101642	1480	369	$\frac{4}{369}$	$\frac{73}{369}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{369}^{4}\ \Phi_{123}^{4}\ \Phi_{41}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
101643	1480	150	$\frac{1}{75}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{150}^{12}\ \Phi_{75}^{8}\ \Phi_{50}^{12}\ \Phi_{30}^{12}\ \Phi_{25}^{8}\ \Phi_{15}^{8}\ \Phi_{10}^{12}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
101644	1480	861	$\frac{2}{123}$	$\frac{121}{861}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{861}^{2}\ \Phi_{287}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
101645	1480	189	$\frac{4}{189}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{189}^{8}\ \Phi_{63}^{8}\ \Phi_{27}^{8}\ \Phi_{21}^{8}\ \Phi_{9}^{4}\ \Phi_{7}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
101646	1480	123	$\frac{1}{41}$	$\frac{4}{41}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{123}^{9}\ \Phi_{41}^{18}\ \Phi_{3}^{10}\ \Phi_{1}^{20}$
101647	1480	1254	$\frac{1}{38}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}^{2}\ \Phi_{209}^{2}\ \Phi_{66}\ \Phi_{22}^{2}$
101648	1480	273	$\frac{1}{21}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{273}^{6}\ \Phi_{91}^{6}\ \Phi_{39}^{4}\ \Phi_{21}^{2}\ \Phi_{13}^{4}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
101649	1480	1380	$\frac{1}{92}$	$\frac{1}{5}$	$\frac{91}{276}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}^{2}\ \Phi_{345}\ \Phi_{230}^{2}\ \Phi_{115}^{2}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$
101650	1480	882	$\frac{2}{147}$	$\frac{1}{6}$	$\frac{145}{441}$	$\frac{1}{3}$	$\Phi_{882}^{3}\ \Phi_{441}^{2}\ \Phi_{126}^{3}\ \Phi_{63}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
101651	1480	171	$\frac{1}{57}$	$\frac{23}{171}$	$\frac{56}{171}$	$\frac{1}{3}$	$\Phi_{171}^{8}\ \Phi_{57}^{10}\ \Phi_{19}^{10}\ \Phi_{9}^{8}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
101652	1480	819	$\frac{1}{39}$	$\frac{79}{819}$	$\frac{38}{117}$	$\frac{1}{3}$	$\Phi_{819}^{2}\ \Phi_{273}^{2}\ \Phi_{91}^{2}\ \Phi_{63}^{2}\ \Phi_{39}^{2}\ \Phi_{21}^{2}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
101653	1480	273	$\frac{3}{91}$	$\frac{1}{13}$	$\frac{88}{273}$	$\frac{1}{3}$	$\Phi_{273}^{4}\ \Phi_{91}^{8}\ \Phi_{39}^{5}\ \Phi_{21}^{4}\ \Phi_{13}^{8}\ \Phi_{7}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
101654	1480	1083	$\frac{18}{361}$	$\frac{1}{19}$	$\frac{343}{1083}$	$\frac{1}{3}$	$\Phi_{1083}\ \Phi_{361}^{2}\ \Phi_{57}^{2}\ \Phi_{19}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
101655	1480	378	$\frac{1}{21}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{378}^{6}\ \Phi_{189}^{6}\ \Phi_{54}^{4}\ \Phi_{27}^{4}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
101656	1480	1053	$\frac{1}{39}$	$\frac{38}{351}$	$\frac{313}{1053}$	$\frac{1}{3}$	$\Phi_{1053}^{2}\ \Phi_{81}^{2}\ \Phi_{39}^{2}\ \Phi_{13}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
101657	1480	513	$\frac{1}{57}$	$\frac{28}{171}$	$\frac{143}{513}$	$\frac{1}{3}$	$\Phi_{513}^{4}\ \Phi_{57}^{2}\ \Phi_{27}^{4}\ \Phi_{19}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
101658	1480	675	$\frac{1}{75}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{675}^{3}\ \Phi_{135}^{3}\ \Phi_{75}^{2}\ \Phi_{27}^{2}\ \Phi_{25}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
101659	1480	741	$\frac{3}{247}$	$\frac{61}{247}$	$\frac{62}{247}$	$\frac{1}{3}$	$\Phi_{741}^{3}\ \Phi_{57}^{3}\ \Phi_{39}^{3}\ \Phi_{3}^{2}$
101660	1480	2820	$\frac{3}{188}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{705}\ \Phi_{15}$
101661	1480	840	$\frac{1}{21}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{140}^{2}\ \Phi_{120}\ \Phi_{105}^{2}\ \Phi_{70}^{2}\ \Phi_{60}\ \Phi_{56}^{2}$ $\Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
101662	1480	228	$\frac{1}{57}$	$\frac{43}{228}$	$\frac{14}{57}$	$\frac{1}{3}$	$\Phi_{228}^{8}\ \Phi_{114}^{8}\ \Phi_{76}^{8}\ \Phi_{57}^{2}\ \Phi_{38}^{8}\ \Phi_{19}^{2}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
101663	1480	294	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{12}{49}$	$\frac{1}{3}$	$\Phi_{294}^{6}\ \Phi_{147}^{3}\ \Phi_{98}^{6}\ \Phi_{49}^{6}\ \Phi_{42}^{6}\ \Phi_{21}^{3}\ \Phi_{14}^{6}\ \Phi_{7}^{6}\ \Phi_{6}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
101664	1480	741	$\frac{17}{741}$	$\frac{112}{741}$	$\frac{181}{741}$	$\frac{1}{3}$	$\Phi_{741}^{2}\ \Phi_{247}^{2}\ \Phi_{57}^{2}\ \Phi_{39}^{2}\ \Phi_{19}^{2}\ \Phi_{13}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
101665	1480	39	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{39}^{37}\ \Phi_{13}^{40}\ \Phi_{3}^{36}\ \Phi_{1}^{40}$
101666	1480	336	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{336}^{6}\ \Phi_{168}^{6}\ \Phi_{112}^{6}\ \Phi_{56}^{6}\ \Phi_{48}^{4}\ \Phi_{24}^{4}\ \Phi_{21}^{2}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
101667	1480	567	$\frac{1}{21}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{567}^{3}\ \Phi_{189}^{3}\ \Phi_{81}^{2}\ \Phi_{27}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
101668	1480	114	$\frac{1}{38}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{114}^{20}\ \Phi_{57}^{19}\ \Phi_{6}^{20}\ \Phi_{3}^{18}$
101669	1480	234	$\frac{1}{39}$	$\frac{19}{117}$	$\frac{49}{234}$	$\frac{1}{3}$	$\Phi_{234}^{8}\ \Phi_{117}^{4}\ \Phi_{78}^{8}\ \Phi_{39}^{6}\ \Phi_{26}^{8}\ \Phi_{18}^{8}\ \Phi_{13}^{6}\ \Phi_{9}^{4}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
101670	1480	741	$\frac{16}{741}$	$\frac{145}{741}$	$\frac{149}{741}$	$\frac{1}{3}$	$\Phi_{741}^{2}\ \Phi_{247}^{2}\ \Phi_{57}^{2}\ \Phi_{39}^{2}\ \Phi_{19}^{2}\ \Phi_{13}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
101671	1480	690	$\frac{1}{46}$	$\frac{9}{46}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{690}^{4}\ \Phi_{345}^{4}\ \Phi_{30}^{4}\ \Phi_{15}^{5}$
101672	1480	570	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{570}^{3}\ \Phi_{285}^{3}\ \Phi_{190}^{4}\ \Phi_{95}^{4}\ \Phi_{30}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$
101673	1480	960	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{960}^{2}\ \Phi_{480}^{2}\ \Phi_{320}^{2}\ \Phi_{240}^{2}\ \Phi_{160}^{2}\ \Phi_{120}\ \Phi_{80}^{2}\ \Phi_{60}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{20}^{2}$ $\Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$
101674	1480	1035	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1035}^{2}\ \Phi_{345}\ \Phi_{115}^{2}\ \Phi_{45}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}$
101675	1480	2145	$\frac{2}{39}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{55}$
101676	1480	171	$\frac{2}{57}$	$\frac{23}{171}$	$\frac{11}{57}$	$\frac{1}{3}$	$\Phi_{171}^{10}\ \Phi_{57}^{6}\ \Phi_{19}^{6}\ \Phi_{9}^{10}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
101677	1480	273	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{17}{91}$	$\frac{1}{3}$	$\Phi_{273}^{8}\ \Phi_{39}^{9}\ \Phi_{21}^{8}\ \Phi_{3}^{8}$
101678	1480	39	$\frac{2}{39}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{39}^{38}\ \Phi_{13}^{38}\ \Phi_{3}^{37}\ \Phi_{1}^{38}$
101679	1480	315	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{45}^{4}\ \Phi_{35}^{6}\ \Phi_{21}^{2}\ \Phi_{15}^{4}\ \Phi_{7}^{2}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
101680	1480	462	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{462}^{4}\ \Phi_{231}^{2}\ \Phi_{154}^{4}\ \Phi_{77}^{4}\ \Phi_{66}^{4}\ \Phi_{42}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{4}\ \Phi_{21}\ \Phi_{14}^{2}\ \Phi_{11}^{4}\ \Phi_{7}^{2}$ $\Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
101681	1480	42	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{42}^{34}\ \Phi_{21}^{36}\ \Phi_{14}^{34}\ \Phi_{7}^{36}\ \Phi_{6}^{36}\ \Phi_{3}^{37}\ \Phi_{2}^{36}\ \Phi_{1}^{38}$
101682	1480	234	$\frac{2}{39}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{234}^{9}\ \Phi_{117}^{6}\ \Phi_{78}^{6}\ \Phi_{39}^{4}\ \Phi_{26}^{6}\ \Phi_{18}^{3}\ \Phi_{13}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
101683	1480	630	$\frac{19}{315}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{630}^{3}\ \Phi_{315}^{2}\ \Phi_{210}^{3}\ \Phi_{126}^{3}\ \Phi_{105}^{2}\ \Phi_{90}^{3}\ \Phi_{70}^{3}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{18}^{3}$ $\Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
101684	1480	819	$\frac{1}{13}$	$\frac{79}{819}$	$\frac{12}{91}$	$\frac{1}{3}$	$\Phi_{819}^{2}\ \Phi_{273}\ \Phi_{117}^{2}\ \Phi_{91}^{2}\ \Phi_{63}^{2}\ \Phi_{39}^{2}\ \Phi_{21}\ \Phi_{13}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
101685	1480	624	$\frac{1}{13}$	$\frac{23}{208}$	$\frac{3}{26}$	$\frac{1}{3}$	$\Phi_{624}^{4}\ \Phi_{312}^{4}\ \Phi_{156}^{4}\ \Phi_{48}^{4}\ \Phi_{39}\ \Phi_{24}^{4}\ \Phi_{12}^{4}$
101686	1480	2385	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{107}{477}$	$\frac{52}{159}$	$\Phi_{2385}\ \Phi_{265}\ \Phi_{45}$
101687	1480	459	$\frac{1}{51}$	$\frac{89}{459}$	$\frac{103}{459}$	$\frac{50}{153}$	$\Phi_{459}^{3}\ \Phi_{153}^{4}\ \Phi_{51}^{3}\ \Phi_{27}^{3}\ \Phi_{17}^{3}\ \Phi_{9}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
101688	1480	1365	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{88}{273}$	$\Phi_{1365}^{2}\ \Phi_{195}^{2}\ \Phi_{105}^{2}\ \Phi_{35}\ \Phi_{15}^{2}$
101689	1480	702	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{17}{54}$	$\Phi_{702}^{3}\ \Phi_{351}^{3}\ \Phi_{54}^{4}\ \Phi_{27}^{4}\ \Phi_{13}^{3}\ \Phi_{1}^{4}$
101690	1480	2970	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{17}{54}$	$\Phi_{2970}\ \Phi_{1485}\ \Phi_{55}$
101691	1480	702	$\frac{1}{18}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{17}{54}$	$\Phi_{702}^{3}\ \Phi_{351}^{3}\ \Phi_{54}^{4}\ \Phi_{39}\ \Phi_{27}^{4}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
101692	1480	54	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{17}{54}$	$\Phi_{54}^{40}\ \Phi_{27}^{40}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
101693	1480	858	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{133}{429}$	$\Phi_{858}^{2}\ \Phi_{429}\ \Phi_{286}^{2}\ \Phi_{143}^{2}\ \Phi_{78}^{2}\ \Phi_{66}^{3}\ \Phi_{39}\ \Phi_{33}^{2}\ \Phi_{26}^{2}\ \Phi_{22}^{3}\ \Phi_{13}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
101694	1480	265	$\frac{3}{53}$	$\frac{5}{53}$	$\frac{1}{5}$	$\frac{16}{53}$	$\Phi_{265}^{7}\ \Phi_{5}^{6}$
101695	1480	105	$\frac{1}{21}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{105}^{14}\ \Phi_{35}^{15}\ \Phi_{21}^{13}\ \Phi_{15}^{14}\ \Phi_{7}^{14}\ \Phi_{5}^{14}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
101696	1480	261	$\frac{1}{29}$	$\frac{11}{87}$	$\frac{7}{29}$	$\frac{76}{261}$	$\Phi_{261}^{8}\ \Phi_{29}^{3}\ \Phi_{9}^{8}\ \Phi_{1}^{4}$
101697	1480	261	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{11}{87}$	$\frac{76}{261}$	$\Phi_{261}^{8}\ \Phi_{87}\ \Phi_{29}\ \Phi_{9}^{8}\ \Phi_{3}\ \Phi_{1}^{2}$
101698	1480	385	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{385}^{5}\ \Phi_{55}^{5}\ \Phi_{35}^{3}\ \Phi_{5}^{2}$
101699	1480	198	$\frac{13}{198}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{198}^{8}\ \Phi_{99}^{8}\ \Phi_{66}^{8}\ \Phi_{33}^{8}\ \Phi_{22}^{8}\ \Phi_{18}^{3}\ \Phi_{11}^{8}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
101700	1480	51	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{14}{51}$	$\Phi_{51}^{40}\ \Phi_{17}^{7}\ \Phi_{3}^{40}\ \Phi_{1}^{8}$
101701	1480	810	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{26}{135}$	$\frac{109}{405}$	$\Phi_{810}^{3}\ \Phi_{405}^{2}\ \Phi_{162}^{3}\ \Phi_{81}^{2}\ \Phi_{54}^{3}\ \Phi_{27}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
101702	1480	204	$\frac{1}{17}$	$\frac{19}{204}$	$\frac{4}{17}$	$\frac{13}{51}$	$\Phi_{204}^{8}\ \Phi_{102}^{8}\ \Phi_{68}^{8}\ \Phi_{51}^{4}\ \Phi_{34}^{8}\ \Phi_{17}^{7}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
101703	1480	87	$\frac{1}{29}$	$\frac{13}{87}$	$\frac{7}{29}$	$\frac{22}{87}$	$\Phi_{87}^{16}\ \Phi_{29}^{19}\ \Phi_{3}^{16}\ \Phi_{1}^{20}$
101704	1480	198	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{8}{33}$	$\frac{25}{99}$	$\Phi_{198}^{12}\ \Phi_{99}^{8}\ \Phi_{66}^{3}\ \Phi_{33}^{2}\ \Phi_{22}^{3}\ \Phi_{18}^{12}\ \Phi_{11}^{2}\ \Phi_{9}^{8}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
101705	1480	493	$\frac{9}{493}$	$\frac{121}{493}$	$\frac{123}{493}$	$\frac{124}{493}$	$\Phi_{493}^{3}\ \Phi_{29}^{3}\ \Phi_{17}^{3}\ \Phi_{1}^{4}$
101706	1480	520	$\frac{3}{40}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{520}^{3}\ \Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{104}^{3}\ \Phi_{65}^{3}\ \Phi_{40}^{4}\ \Phi_{20}^{4}\ \Phi_{13}^{3}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
101707	1480	440	$\frac{3}{40}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{440}^{4}\ \Phi_{220}^{3}\ \Phi_{110}^{3}\ \Phi_{88}^{4}\ \Phi_{55}^{4}\ \Phi_{44}^{4}\ \Phi_{22}^{4}\ \Phi_{11}^{4}$
101708	1480	1560	$\frac{3}{40}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{4}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{60}\ \Phi_{40}^{2}\ \Phi_{39}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
101709	1480	360	$\frac{3}{40}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}^{3}\ \Phi_{90}^{5}\ \Phi_{72}^{5}\ \Phi_{60}^{3}\ \Phi_{45}^{5}\ \Phi_{40}^{4}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{4}\ \Phi_{18}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{9}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
101710	1480	232	$\frac{1}{29}$	$\frac{11}{58}$	$\frac{47}{232}$	$\frac{7}{29}$	$\Phi_{232}^{8}\ \Phi_{116}^{8}\ \Phi_{29}^{3}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{1}^{4}$
101711	1480	238	$\frac{1}{17}$	$\frac{13}{119}$	$\frac{53}{238}$	$\frac{4}{17}$	$\Phi_{238}^{8}\ \Phi_{119}^{4}\ \Phi_{34}^{8}\ \Phi_{17}^{7}\ \Phi_{14}^{8}\ \Phi_{7}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
101712	1480	624	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{3}{13}$	$\Phi_{624}^{3}\ \Phi_{312}^{3}\ \Phi_{208}^{3}\ \Phi_{104}^{3}\ \Phi_{48}^{4}\ \Phi_{24}^{4}\ \Phi_{16}^{4}\ \Phi_{13}^{3}\ \Phi_{8}^{4}\ \Phi_{1}^{4}$
101713	1480	585	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{3}{13}$	$\Phi_{585}^{3}\ \Phi_{195}^{3}\ \Phi_{65}^{3}\ \Phi_{45}^{4}\ \Phi_{15}^{4}\ \Phi_{13}^{3}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
101714	1480	546	$\frac{1}{13}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{3}{13}$	$\Phi_{546}^{3}\ \Phi_{273}^{3}\ \Phi_{182}^{3}\ \Phi_{91}^{3}\ \Phi_{42}^{4}\ \Phi_{21}^{4}\ \Phi_{14}^{4}\ \Phi_{13}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{4}$
101715	1480	2640	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{11}{48}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{880}\ \Phi_{440}\ \Phi_{55}$
101716	1480	624	$\frac{1}{12}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{11}{48}$	$\Phi_{624}^{3}\ \Phi_{312}^{3}\ \Phi_{208}^{3}\ \Phi_{104}^{3}\ \Phi_{48}^{4}\ \Phi_{39}\ \Phi_{24}^{4}\ \Phi_{16}^{4}\ \Phi_{13}\ \Phi_{8}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
101717	1480	144	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{11}{48}$	$\Phi_{144}^{15}\ \Phi_{72}^{15}\ \Phi_{48}^{10}\ \Phi_{24}^{10}\ \Phi_{18}^{3}\ \Phi_{16}^{10}\ \Phi_{9}^{2}\ \Phi_{8}^{10}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
101718	1480	162	$\frac{7}{81}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{2}{9}$	$\Phi_{162}^{12}\ \Phi_{81}^{8}\ \Phi_{54}^{12}\ \Phi_{27}^{8}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
101719	1480	980	$\frac{11}{196}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{980}^{2}\ \Phi_{490}^{2}\ \Phi_{245}^{2}\ \Phi_{140}^{2}\ \Phi_{35}\ \Phi_{20}^{2}$
101720	1480	455	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{17}{91}$	$\frac{1}{5}$	$\Phi_{455}^{4}\ \Phi_{65}^{4}\ \Phi_{35}^{5}\ \Phi_{5}^{4}$
101721	1480	495	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{5}$	$\Phi_{495}^{3}\ \Phi_{165}^{3}\ \Phi_{99}^{4}\ \Phi_{55}^{4}\ \Phi_{33}^{4}\ \Phi_{11}^{4}$
101722	1480	2310	$\frac{1}{11}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{55}$
101723	1480	585	$\frac{4}{39}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{7}{39}$	$\Phi_{585}^{3}\ \Phi_{195}^{3}\ \Phi_{65}^{3}\ \Phi_{45}^{4}\ \Phi_{39}\ \Phi_{15}^{4}\ \Phi_{13}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
101724	1480	546	$\frac{4}{39}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{7}{39}$	$\Phi_{546}^{3}\ \Phi_{273}^{3}\ \Phi_{182}^{3}\ \Phi_{91}^{3}\ \Phi_{42}^{4}\ \Phi_{39}\ \Phi_{21}^{4}\ \Phi_{14}^{4}\ \Phi_{13}\ \Phi_{7}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
101725	1480	90	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{45}$	$\Phi_{90}^{24}\ \Phi_{45}^{16}\ \Phi_{30}^{24}\ \Phi_{18}^{3}\ \Phi_{15}^{16}\ \Phi_{10}^{24}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{16}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
101726	1480	87	$\frac{3}{29}$	$\frac{4}{29}$	$\frac{13}{87}$	$\frac{5}{29}$	$\Phi_{87}^{20}\ \Phi_{29}^{11}\ \Phi_{3}^{20}\ \Phi_{1}^{12}$
101727	1480	126	$\frac{1}{9}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{126}^{15}\ \Phi_{63}^{15}\ \Phi_{42}^{10}\ \Phi_{21}^{10}\ \Phi_{18}^{3}\ \Phi_{14}^{10}\ \Phi_{9}^{2}\ \Phi_{7}^{10}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
101728	1480	216	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{31}{216}$	$\frac{1}{6}$	$\Phi_{216}^{8}\ \Phi_{108}^{8}\ \Phi_{72}^{8}\ \Phi_{54}^{8}\ \Phi_{27}^{8}\ \Phi_{24}^{8}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{8}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
101729	1481	2368	$\frac{1}{296}$	$\frac{297}{1184}$	$\frac{887}{2368}$	$\frac{295}{592}$	$\Phi_{2368}\ \Phi_{592}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
101730	1481	2944	$\frac{9}{1472}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1463}{2944}$	$\Phi_{2944}\ \Phi_{128}\ \Phi_{16}\ \Phi_1$
101731	1481	2940	$\frac{11}{1470}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1459}{2940}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{196}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
101732	1481	1980	$\frac{4}{495}$	$\frac{1}{5}$	$\frac{499}{1980}$	$\frac{491}{990}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{99}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
101733	1481	2928	$\frac{17}{1464}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1447}{2928}$	$\Phi_{2928}\ \Phi_{976}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
101734	1481	1984	$\frac{7}{496}$	$\frac{1}{8}$	$\frac{503}{1984}$	$\frac{489}{992}$	$\Phi_{1984}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{64}\ \Phi_{62}\ \Phi_{31}\ \Phi_{16}\ \Phi_1$
101735	1481	1696	$\frac{3}{212}$	$\frac{215}{1696}$	$\frac{1}{4}$	$\frac{209}{424}$	$\Phi_{1696}\ \Phi_{848}\ \Phi_{212}\ \Phi_{106}\ \Phi_{53}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
101736	1481	2912	$\frac{25}{1456}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1431}{2912}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{224}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
101737	1481	1650	$\frac{4}{165}$	$\frac{169}{1650}$	$\frac{1}{5}$	$\frac{161}{330}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{275}\ \Phi_{165}\ \Phi_{150}\ \Phi_{75}\ \Phi_{55}\ \Phi_{50}\ \Phi_{33}\ \Phi_{25}\ \Phi_{15}\ \Phi_{11}\ \Phi_3\ \Phi_1$
101738	1481	2880	$\frac{1}{40}$	$\frac{41}{1440}$	$\frac{1399}{2880}$	$\frac{39}{80}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{80}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
101739	1481	2160	$\frac{1}{40}$	$\frac{41}{720}$	$\frac{679}{2160}$	$\frac{39}{80}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{54}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
101740	1481	1600	$\frac{1}{40}$	$\frac{119}{1600}$	$\frac{41}{160}$	$\frac{39}{80}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{64}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
101741	1481	1920	$\frac{1}{40}$	$\frac{41}{480}$	$\frac{439}{1920}$	$\frac{39}{80}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
101742	1481	1680	$\frac{1}{40}$	$\frac{199}{1680}$	$\frac{41}{240}$	$\frac{39}{80}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
101743	1481	2880	$\frac{41}{1440}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{1399}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
101744	1481	2880	$\frac{41}{1440}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1399}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
101745	1481	2880	$\frac{41}{1440}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1399}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
101746	1481	1620	$\frac{4}{135}$	$\frac{139}{1620}$	$\frac{1}{5}$	$\frac{131}{270}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
101747	1481	2860	$\frac{51}{1430}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1379}{2860}$	$\Phi_{2860}\ \Phi_{572}\ \Phi_{260}\ \Phi_{220}\ \Phi_{55}\ \Phi_{52}\ \Phi_{44}\ \Phi_{20}\ \Phi_{11}\ \Phi_4\ \Phi_1$
101748	1481	2000	$\frac{19}{500}$	$\frac{1}{20}$	$\frac{519}{2000}$	$\frac{481}{1000}$	$\Phi_{2000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{125}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
101749	1481	2800	$\frac{1}{20}$	$\frac{81}{1400}$	$\frac{19}{100}$	$\frac{1319}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{112}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
101750	1481	1800	$\frac{1}{20}$	$\frac{19}{300}$	$\frac{319}{1800}$	$\frac{281}{600}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
101751	1481	1540	$\frac{59}{1540}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{140}\ \Phi_{77}\ \Phi_{70}\ \Phi_{55}\ \Phi_{44}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_4\ \Phi_1$
101752	1481	1530	$\frac{49}{1530}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}\ \Phi_{255}\ \Phi_{170}\ \Phi_{153}\ \Phi_{102}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}\ \Phi_{34}\ \Phi_{17}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
101753	1481	2700	$\frac{4}{135}$	$\frac{131}{1350}$	$\frac{1}{5}$	$\frac{1219}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{100}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
101754	1481	1512	$\frac{31}{1512}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
101755	1481	2664	$\frac{1}{74}$	$\frac{149}{1332}$	$\frac{73}{222}$	$\frac{1183}{2664}$	$\Phi_{2664}\ \Phi_{888}\ \Phi_{296}\ \Phi_{222}\ \Phi_{111}\ \Phi_{72}\ \Phi_{24}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
101756	1481	2640	$\frac{4}{165}$	$\frac{161}{1320}$	$\frac{1}{5}$	$\frac{1159}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{165}\ \Phi_{80}\ \Phi_{55}\ \Phi_{48}\ \Phi_{33}\ \Phi_{16}\ \Phi_{15}\ \Phi_{11}\ \Phi_3\ \Phi_1$
101757	1481	2208	$\frac{9}{736}$	$\frac{1}{8}$	$\frac{727}{2208}$	$\frac{7}{16}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}\ \Phi_{69}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
101758	1481	1504	$\frac{23}{1504}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1504}\ \Phi_{752}\ \Phi_{376}\ \Phi_{188}\ \Phi_{94}\ \Phi_{47}\ \Phi_{16}\ \Phi_1$
101759	1481	1840	$\frac{9}{368}$	$\frac{1}{8}$	$\frac{359}{1840}$	$\frac{7}{16}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{115}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
101760	1481	1536	$\frac{55}{1536}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
101761	1481	2072	$\frac{1}{74}$	$\frac{73}{518}$	$\frac{591}{2072}$	$\frac{445}{1036}$	$\Phi_{2072}\ \Phi_{518}\ \Phi_{296}\ \Phi_{259}\ \Phi_{56}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
101762	1481	1536	$\frac{55}{1536}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
101763	1481	2544	$\frac{3}{212}$	$\frac{209}{1272}$	$\frac{1}{4}$	$\frac{1063}{2544}$	$\Phi_{2544}\ \Phi_{848}\ \Phi_{212}\ \Phi_{106}\ \Phi_{53}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
101764	1481	1600	$\frac{1}{20}$	$\frac{119}{1600}$	$\frac{19}{100}$	$\frac{81}{200}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{64}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_{1}$
101765	1481	2480	$\frac{7}{248}$	$\frac{1}{8}$	$\frac{241}{1240}$	$\frac{999}{2480}$	$\Phi_{2480}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{80}\ \Phi_{62}\ \Phi_{31}\ \Phi_{16}\ \Phi_{1}$
101766	1481	2400	$\frac{1}{20}$	$\frac{19}{300}$	$\frac{281}{1200}$	$\frac{919}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{300}\ \Phi_{160}\ \Phi_{150}\ \Phi_{100}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{32}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
101767	1481	1500	$\frac{19}{1500}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}\ \Phi_{250}\ \Phi_{150}\ \Phi_{125}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
101768	1481	1560	$\frac{1}{20}$	$\frac{79}{1560}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
101769	1481	1776	$\frac{1}{74}$	$\frac{295}{1776}$	$\frac{73}{222}$	$\frac{149}{444}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{592}\ \Phi_{296}\ \Phi_{222}\ \Phi_{111}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
101770	1481	2220	$\frac{1}{185}$	$\frac{184}{555}$	$\frac{739}{2220}$	$\frac{371}{1110}$	$\Phi_{2220}\ \Phi_{740}\ \Phi_{555}\ \Phi_{444}\ \Phi_{148}\ \Phi_{111}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
101771	1481	1998	$\frac{1}{74}$	$\frac{149}{666}$	$\frac{517}{1998}$	$\frac{73}{222}$	$\Phi_{1998}\ \Phi_{999}\ \Phi_{222}\ \Phi_{111}\ \Phi_{54}\ \Phi_{27}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
101772	1481	1908	$\frac{3}{212}$	$\frac{427}{1908}$	$\frac{1}{4}$	$\frac{209}{636}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{477}\ \Phi_{212}\ \Phi_{106}\ \Phi_{53}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
101773	1481	2205	$\frac{11}{735}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{724}{2205}$	$\Phi_{2205}\ \Phi_{441}\ \Phi_{315}\ \Phi_{63}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
101774	1481	2184	$\frac{25}{728}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{703}{2184}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{168}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
101775	1481	2160	$\frac{1}{20}$	$\frac{41}{720}$	$\frac{679}{2160}$	$\frac{19}{60}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
101776	1481	1920	$\frac{1}{20}$	$\frac{41}{480}$	$\frac{439}{1920}$	$\frac{19}{60}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
101777	1481	1620	$\frac{1}{20}$	$\frac{139}{1620}$	$\frac{41}{180}$	$\frac{19}{60}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{54}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
101778	1481	1800	$\frac{1}{20}$	$\frac{41}{360}$	$\frac{319}{1800}$	$\frac{19}{60}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
101779	1481	1680	$\frac{1}{20}$	$\frac{199}{1680}$	$\frac{41}{240}$	$\frac{19}{60}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
101780	1481	2160	$\frac{41}{720}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{679}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
101781	1481	2160	$\frac{41}{720}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{679}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
101782	1481	2145	$\frac{51}{715}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{664}{2145}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{195}\ \Phi_{165}\ \Phi_{55}\ \Phi_{39}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}$
101783	1481	2100	$\frac{1}{20}$	$\frac{81}{700}$	$\frac{19}{100}$	$\frac{619}{2100}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{42}\ \Phi_{30}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
101784	1481	1584	$\frac{103}{1584}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{144}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
101785	1481	2025	$\frac{4}{135}$	$\frac{131}{675}$	$\frac{1}{5}$	$\frac{544}{2025}$	$\Phi_{2025}\ \Phi_{405}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
101786	1481	1680	$\frac{11}{210}$	$\frac{199}{1680}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{84}\ \Phi_{80}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
101787	1481	1575	$\frac{94}{1575}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{75}\ \Phi_{63}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
101788	1481	1980	$\frac{4}{165}$	$\frac{1}{5}$	$\frac{161}{660}$	$\frac{499}{1980}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{15}\ \Phi_{11}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
101789	1481	1568	$\frac{87}{1568}$	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{224}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
101790	1481	1820	$\frac{25}{364}$	$\frac{3}{28}$	$\frac{339}{1820}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{260}\ \Phi_{140}\ \Phi_{130}\ \Phi_{70}\ \Phi_{65}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
101791	1481	1920	$\frac{41}{480}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{439}{1920}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
101792	1481	1620	$\frac{139}{1620}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{180}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
101793	1481	1800	$\frac{4}{45}$	$\frac{41}{360}$	$\frac{319}{1800}$	$\frac{1}{5}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
101794	1481	1680	$\frac{199}{1680}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{240}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
101795	1481	1728	$\frac{1}{8}$	$\frac{41}{288}$	$\frac{247}{1728}$	$\frac{7}{48}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
101796	1482	2460	$\frac{1}{246}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{245}{492}$	$\Phi_{2460}\ \Phi_{820}\ \Phi_{492}^2\ \Phi_{164}^2\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
101797	1482	492	$\frac{1}{246}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{245}{492}$	$\Phi_{492}^2\ \Phi_{246}^4\ \Phi_{164}^2\ \Phi_{123}^4\ \Phi_{82}^4\ \Phi_{41}^4\ \Phi_{12}^3\ \Phi_{6}^5\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
101798	1482	660	$\frac{1}{165}$	$\frac{1}{4}$	$\frac{83}{330}$	$\frac{82}{165}$	$\Phi_{660}^3\ \Phi_{330}\ \Phi_{220}^3\ \Phi_{165}^2\ \Phi_{132}^3\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}^3\ \Phi_{55}^2\ \Phi_{44}^3\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
101799	1482	1470	$\frac{2}{245}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{243}{490}$	$\Phi_{1470}^3\ \Phi_{294}^3\ \Phi_{210}^3\ \Phi_{42}^3\ \Phi_{30}^3\ \Phi_{21}\ \Phi_{6}^3$
101800	1482	980	$\frac{2}{245}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{243}{490}$	$\Phi_{980}^2\ \Phi_{245}^2\ \Phi_{196}^2\ \Phi_{140}^2\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
101801	1482	2712	$\frac{1}{113}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{56}{113}$	$\Phi_{2712}\ \Phi_{904}\ \Phi_{113}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{1}^2$
101802	1482	1695	$\frac{1}{113}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{56}{113}$	$\Phi_{1695}\ \Phi_{565}\ \Phi_{113}\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{1}^2$
101803	1482	2034	$\frac{1}{113}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{56}{113}$	$\Phi_{2034}\ \Phi_{1017}\ \Phi_{113}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{1}^2$
101804	1482	1808	$\frac{1}{113}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{56}{113}$	$\Phi_{1808}\ \Phi_{904}\ \Phi_{113}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
101805	1482	2544	$\frac{1}{106}$	$\frac{107}{848}$	$\frac{1}{3}$	$\frac{105}{212}$	$\Phi_{2544}\ \Phi_{1272}\ \Phi_{318}\ \Phi_{159}\ \Phi_{48}\ \Phi_{24}\ \Phi_{6}$
101806	1482	1188	$\frac{1}{99}$	$\frac{50}{297}$	$\frac{1}{4}$	$\frac{49}{99}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}^2\ \Phi_{66}\ \Phi_{54}^2\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
101807	1482	3416	$\frac{3}{244}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{241}{488}$	$\Phi_{3416}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
101808	1482	2772	$\frac{1}{77}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{38}{77}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
101809	1482	231	$\frac{1}{77}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{38}{77}$	$\Phi_{231}^6\ \Phi_{77}^7\ \Phi_{33}^6\ \Phi_{21}^7\ \Phi_{11}^7\ \Phi_{7}^8\ \Phi_{3}^6\ \Phi_{1}^8$
101810	1482	2079	$\frac{1}{77}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{38}{77}$	$\Phi_{2079}\ \Phi_{297}\ \Phi_{189}\ \Phi_{77}\ \Phi_{27}^2\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^2$
101811	1482	1848	$\frac{1}{77}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{38}{77}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
101812	1482	972	$\frac{4}{243}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{239}{486}$	$\Phi_{972}^2\ \Phi_{324}^2\ \Phi_{243}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{18}\ \Phi_{12}^3\ \Phi_{9}^2\ \Phi_{6}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
101813	1482	2800	$\frac{1}{56}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{55}{112}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{112}^2\ \Phi_{80}\ \Phi_{25}\ \Phi_{16}^2\ \Phi_{5}\ \Phi_{1}^2$
101814	1482	336	$\frac{1}{56}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{55}{112}$	$\Phi_{336}^{13}\ \Phi_{48}^{13}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
101815	1482	1680	$\frac{1}{56}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{55}{112}$	$\Phi_{1680}^2\ \Phi_{560}\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{112}^2\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
101816	1482	1100	$\frac{1}{55}$	$\frac{28}{275}$	$\frac{1}{4}$	$\frac{27}{55}$	$\Phi_{1100}^2\ \Phi_{550}^2\ \Phi_{220}\ \Phi_{110}\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
101817	1482	484	$\frac{5}{242}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{237}{484}$	$\Phi_{484}^2\ \Phi_{242}^4\ \Phi_{121}^4\ \Phi_{44}^3\ \Phi_{22}^5\ \Phi_{11}^4\ \Phi_{4}^2\ \Phi_{2}^4\ \Phi_{1}^4$
101818	1482	540	$\frac{1}{45}$	$\frac{23}{270}$	$\frac{1}{4}$	$\frac{22}{45}$	$\Phi_{540}^4\ \Phi_{270}^2\ \Phi_{180}^3\ \Phi_{135}^2\ \Phi_{108}^4\ \Phi_{90}\ \Phi_{60}^3\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{27}^2\ \Phi_{20}^3\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{10}\ \Phi_{9}^2\ \Phi_{6}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
101819	1482	2812	$\frac{1}{38}$	$\frac{1}{37}$	$\frac{18}{37}$	$\frac{37}{76}$	$\Phi_{2812}\ \Phi_{148}\ \Phi_{76}^2\ \Phi_{37}\ \Phi_{4}^2\ \Phi_{1}^2$
101820	1482	1140	$\frac{1}{38}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{285}^2\ \Phi_{228}\ \Phi_{114}^2\ \Phi_{60}^3\ \Phi_{57}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{6}^3\ \Phi_{3}^2$
101821	1482	703	$\frac{1}{37}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{18}{37}$	$\Phi_{703}^2\ \Phi_{37}^3\ \Phi_{19}^4\ \Phi_{1}^6$
101822	1482	1036	$\frac{1}{37}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{18}{37}$	$\Phi_{1036}^2\ \Phi_{518}\ \Phi_{259}\ \Phi_{148}\ \Phi_{37}\ \Phi_{28}^4\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
101823	1482	480	$\frac{7}{240}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{233}{480}$	$\Phi_{480}^{6}\ \Phi_{160}^{6}\ \Phi_{96}^{6}\ \Phi_{60}\ \Phi_{32}^{6}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
101824	1482	3360	$\frac{7}{240}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{233}{480}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{224}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
101825	1482	264	$\frac{1}{33}$	$\frac{17}{264}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{264}^{6}\ \Phi_{132}^{5}\ \Phi_{88}^{6}\ \Phi_{66}^{5}\ \Phi_{44}^{5}\ \Phi_{33}^{6}\ \Phi_{24}^{6}\ \Phi_{22}^{5}\ \Phi_{12}^{5}\ \Phi_{11}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
101826	1482	1481	$\frac{53}{1481}$	$\frac{59}{1481}$	$\frac{474}{1481}$	$\frac{714}{1481}$	$\Phi_{1481}\ \Phi_{1}^{2}$
101827	1482	770	$\frac{2}{55}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{53}{110}$	$\Phi_{770}^{2}\ \Phi_{385}^{2}\ \Phi_{154}^{2}\ \Phi_{77}^{2}\ \Phi_{70}^{3}\ \Phi_{55}^{2}\ \Phi_{35}^{3}\ \Phi_{14}^{2}\ \Phi_{11}^{2}\ \Phi_{10}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
101828	1482	700	$\frac{1}{28}$	$\frac{1}{25}$	$\frac{9}{28}$	$\frac{12}{25}$	$\Phi_{700}^{2}\ \Phi_{350}^{2}\ \Phi_{175}^{2}\ \Phi_{140}^{2}\ \Phi_{100}^{2}\ \Phi_{70}^{2}\ \Phi_{50}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{4}\ \Phi_{25}^{3}\ \Phi_{20}^{2}\ \Phi_{14}^{4}\ \Phi_{10}^{2}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
101829	1482	100	$\frac{1}{25}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{100}^{14}\ \Phi_{50}^{14}\ \Phi_{25}^{15}\ \Phi_{20}^{17}\ \Phi_{10}^{17}\ \Phi_{5}^{18}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
101830	1482	350	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{12}{25}$	$\Phi_{350}^{4}\ \Phi_{175}^{4}\ \Phi_{70}^{5}\ \Phi_{50}^{4}\ \Phi_{35}^{5}\ \Phi_{25}^{5}\ \Phi_{14}^{4}\ \Phi_{10}^{5}\ \Phi_{7}^{4}\ \Phi_{5}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
101831	1482	525	$\frac{1}{25}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{12}{25}$	$\Phi_{525}^{3}\ \Phi_{175}^{2}\ \Phi_{105}^{3}\ \Phi_{75}^{3}\ \Phi_{35}^{2}\ \Phi_{25}^{3}\ \Phi_{21}^{6}\ \Phi_{15}^{3}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
101832	1482	1600	$\frac{1}{25}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{12}{25}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{25}\ \Phi_{16}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
101833	1482	322	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{4}{23}$	$\frac{11}{23}$	$\Phi_{322}^{5}\ \Phi_{161}^{5}\ \Phi_{46}^{5}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{2}^{4}$
101834	1482	1481	$\frac{73}{1481}$	$\frac{94}{1481}$	$\frac{259}{1481}$	$\frac{704}{1481}$	$\Phi_{1481}\ \Phi_{1}^{2}$
101835	1482	396	$\frac{4}{99}$	$\frac{5}{99}$	$\frac{1}{4}$	$\frac{47}{99}$	$\Phi_{396}^{5}\ \Phi_{198}^{5}\ \Phi_{132}^{5}\ \Phi_{66}^{5}\ \Phi_{44}^{5}\ \Phi_{36}^{5}\ \Phi_{22}^{5}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
101836	1482	1481	$\frac{41}{1481}$	$\frac{77}{1481}$	$\frac{480}{1481}$	$\frac{702}{1481}$	$\Phi_{1481}\ \Phi_{1}^{2}$
101837	1482	360	$\frac{1}{40}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{5}\ \Phi_{90}^{4}\ \Phi_{72}^{4}\ \Phi_{60}^{5}\ \Phi_{45}^{4}\ \Phi_{40}^{4}\ \Phi_{36}^{2}\ \Phi_{30}^{5}\ \Phi_{24}^{5}\ \Phi_{20}^{4}\ \Phi_{18}^{4}\ \Phi_{15}^{5}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{4}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
101838	1482	2772	$\frac{2}{77}$	$\frac{1}{18}$	$\frac{25}{77}$	$\frac{17}{36}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{44}\ \Phi_{36}^{2}\ \Phi_{28}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
101839	1482	108	$\frac{1}{27}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{108}^{10}\ \Phi_{54}^{19}\ \Phi_{36}^{9}\ \Phi_{27}^{18}\ \Phi_{18}^{17}\ \Phi_{12}^{9}\ \Phi_{9}^{16}\ \Phi_{6}^{17}\ \Phi_{4}^{8}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
101840	1482	2772	$\frac{1}{18}$	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{17}{36}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{44}\ \Phi_{36}^{2}\ \Phi_{28}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
101841	1482	252	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{17}{36}$	$\Phi_{252}^{11}\ \Phi_{84}^{11}\ \Phi_{36}^{12}\ \Phi_{28}^{11}\ \Phi_{14}^{6}\ \Phi_{12}^{12}\ \Phi_{7}^{5}\ \Phi_{4}^{12}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
101842	1482	396	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{17}{36}$	$\Phi_{396}^{3}\ \Phi_{198}^{4}\ \Phi_{132}^{3}\ \Phi_{99}^{4}\ \Phi_{66}^{4}\ \Phi_{44}^{5}\ \Phi_{36}^{4}\ \Phi_{33}^{4}\ \Phi_{22}^{6}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{11}^{5}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
101843	1482	1580	$\frac{1}{20}$	$\frac{5}{79}$	$\frac{14}{79}$	$\frac{37}{79}$	$\Phi_{1580}\ \Phi_{790}\ \Phi_{395}\ \Phi_{316}\ \Phi_{158}$
101844	1482	1020	$\frac{8}{255}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{340}^{2}\ \Phi_{204}^{2}\ \Phi_{170}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{60}\ \Phi_{34}^{2}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
101845	1482	924	$\frac{1}{33}$	$\frac{16}{231}$	$\frac{1}{4}$	$\frac{215}{462}$	$\Phi_{924}^{2}\ \Phi_{308}^{2}\ \Phi_{231}^{2}\ \Phi_{132}^{3}\ \Phi_{84}^{2}\ \Phi_{77}^{2}\ \Phi_{66}\ \Phi_{44}^{3}\ \Phi_{33}^{2}\ \Phi_{28}^{2}\ \Phi_{22}\ \Phi_{21}^{2}\ \Phi_{12}^{3}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{6}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
101846	1482	252	$\frac{5}{252}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{84}^{5}\ \Phi_{63}^{6}\ \Phi_{42}^{6}\ \Phi_{36}^{6}\ \Phi_{28}^{6}\ \Phi_{21}^{6}\ \Phi_{18}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{5}\ \Phi_{9}^{6}\ \Phi_{7}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
101847	1482	1481	$\frac{64}{1481}$	$\frac{109}{1481}$	$\frac{265}{1481}$	$\frac{686}{1481}$	$\Phi_{1481}\ \Phi_{1}^{2}$
101848	1482	1980	$\frac{14}{495}$	$\frac{37}{495}$	$\frac{1}{4}$	$\frac{229}{495}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{132}\ \Phi_{110}\ \Phi_{90}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}\ \Phi_{36}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
101849	1482	318	$\frac{1}{53}$	$\frac{4}{53}$	$\frac{1}{3}$	$\frac{49}{106}$	$\Phi_{318}^{13}\ \Phi_{159}\ \Phi_{6}^{13}$
101850	1482	520	$\frac{1}{40}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{520}^{3}\ \Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{104}^{3}\ \Phi_{65}^{3}\ \Phi_{52}^{3}\ \Phi_{40}^{2}\ \Phi_{26}\ \Phi_{20}^{2}\ \Phi_{13}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
101851	1482	696	$\frac{1}{58}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{696}^{4}\ \Phi_{232}^{4}\ \Phi_{174}\ \Phi_{87}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{6}$
101852	1482	2712	$\frac{2}{113}$	$\frac{1}{12}$	$\frac{37}{113}$	$\frac{11}{24}$	$\Phi_{2712}\ \Phi_{904}\ \Phi_{113}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
101853	1482	312	$\frac{1}{39}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{312}^{9}\ \Phi_{156}\ \Phi_{104}^{9}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}\ \Phi_{24}^{6}\ \Phi_{12}\ \Phi_{8}^{6}\ \Phi_{6}$
101854	1482	2712	$\frac{5}{113}$	$\frac{1}{12}$	$\frac{18}{113}$	$\frac{11}{24}$	$\Phi_{2712}\ \Phi_{904}\ \Phi_{113}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
101855	1482	840	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{840}^{4}\ \Phi_{280}^{4}\ \Phi_{168}^{3}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}^{3}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
101856	1482	1012	$\frac{6}{253}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{1012}^2\ \Phi_{506}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{44}\ \Phi_{22}$
101857	1482	900	$\frac{1}{45}$	$\frac{22}{225}$	$\frac{1}{4}$	$\frac{203}{450}$	$\Phi_{900}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^3\ \Phi_{100}^2\ \Phi_{90}\ \Phi_{75}^2\ \Phi_{60}^3\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{10}\ \Phi_9^2\ \Phi_6\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
101858	1482	522	$\frac{1}{58}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{522}^3\ \Phi_{261}^3\ \Phi_{174}^3\ \Phi_{87}^3\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{18}\ \Phi_9^2\ \Phi_6\ \Phi_3^2\ \Phi_1^2$
101859	1482	252	$\frac{5}{252}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^6\ \Phi_{63}^6\ \Phi_{42}^6\ \Phi_{36}^5\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{18}^5\ \Phi_{14}^6\ \Phi_{12}^5\ \Phi_9^6\ \Phi_7^6\ \Phi_6^5\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
101860	1482	2730	$\frac{1}{39}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{2730}\ \Phi_{910}\ \Phi_{546}\ \Phi_{390}\ \Phi_{210}\ \Phi_{195}\ \Phi_{182}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{42}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_6$
101861	1482	440	$\frac{1}{55}$	$\frac{27}{220}$	$\frac{1}{4}$	$\frac{193}{440}$	$\Phi_{440}^6\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}^6\ \Phi_{44}\ \Phi_{40}^6\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}\ \Phi_8^6$
101862	1482	624	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{624}^2\ \Phi_{312}^3\ \Phi_{208}^2\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{48}^2\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{24}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
101863	1482	1792	$\frac{9}{256}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
101864	1482	434	$\frac{1}{31}$	$\frac{30}{217}$	$\frac{1}{7}$	$\frac{187}{434}$	$\Phi_{434}^6\ \Phi_{217}\ \Phi_{62}^6\ \Phi_{14}^6\ \Phi_2^6$
101865	1482	1272	$\frac{1}{106}$	$\frac{35}{212}$	$\frac{1}{3}$	$\frac{177}{424}$	$\Phi_{1272}^3\ \Phi_{318}\ \Phi_{159}\ \Phi_{24}^3\ \Phi_6$
101866	1482	2528	$\frac{1}{79}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{2528}\ \Phi_{316}\ \Phi_{158}$
101867	1482	1245	$\frac{2}{249}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1245}\ \Phi_{415}\ \Phi_{249}^2\ \Phi_{83}^2\ \Phi_5\ \Phi_1^2$
101868	1482	1845	$\frac{1}{123}$	$\frac{1}{5}$	$\frac{122}{369}$	$\frac{2}{5}$	$\Phi_{1845}\ \Phi_{369}^2\ \Phi_{45}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
101869	1482	500	$\frac{3}{250}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{500}^4\ \Phi_{250}^2\ \Phi_{125}^2\ \Phi_{100}^4\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
101870	1482	1640	$\frac{1}{82}$	$\frac{1}{5}$	$\frac{81}{328}$	$\frac{2}{5}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{328}^2\ \Phi_{164}^2\ \Phi_{40}\ \Phi_{20}\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
101871	1482	1260	$\frac{5}{252}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{63}^2\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
101872	1482	1435	$\frac{1}{41}$	$\frac{40}{287}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1435}\ \Phi_{287}^2\ \Phi_{35}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
101873	1482	205	$\frac{2}{41}$	$\frac{3}{41}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{205}^6\ \Phi_{41}^{12}\ \Phi_5^7\ \Phi_1^{14}$
101874	1482	140	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{140}^{12}\ \Phi_{70}^{11}\ \Phi_{35}^{11}\ \Phi_{28}^{12}\ \Phi_{20}^6\ \Phi_{14}^{10}\ \Phi_{10}^5\ \Phi_7^{10}\ \Phi_5^6\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
101875	1482	2496	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{312}\ \Phi_{192}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
101876	1482	644	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{11}{46}$	$\frac{35}{92}$	$\Phi_{644}^4\ \Phi_{322}\ \Phi_{161}\ \Phi_{92}^2\ \Phi_{46}\ \Phi_{28}^4\ \Phi_4^2$
101877	1482	396	$\frac{1}{99}$	$\frac{49}{198}$	$\frac{1}{4}$	$\frac{149}{396}$	$\Phi_{396}^3\ \Phi_{198}^5\ \Phi_{132}^3\ \Phi_{99}^4\ \Phi_{66}^5\ \Phi_{44}^3\ \Phi_{36}^3\ \Phi_{33}^4\ \Phi_{22}^5\ \Phi_{18}^5\ \Phi_{12}^3\ \Phi_{11}^4\ \Phi_9^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
101878	1482	1896	$\frac{1}{79}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1896}\ \Phi_{948}\ \Phi_{474}\ \Phi_{316}\ \Phi_{237}\ \Phi_{158}$
101879	1482	2370	$\frac{1}{79}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{2370}\ \Phi_{790}\ \Phi_{474}\ \Phi_{395}\ \Phi_{158}$
101880	1482	780	$\frac{1}{39}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{780}^3\ \Phi_{390}\ \Phi_{260}^3\ \Phi_{195}\ \Phi_{156}^3\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}^3\ \Phi_{52}^3\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{12}^3\ \Phi_6$
101881	1482	1481	$\frac{51}{1481}$	$\frac{110}{1481}$	$\frac{457}{1481}$	$\frac{512}{1481}$	$\Phi_{1481}\ \Phi_1^2$
101882	1482	1580	$\frac{1}{20}$	$\frac{4}{79}$	$\frac{25}{79}$	$\frac{27}{79}$	$\Phi_{1580}\ \Phi_{790}\ \Phi_{395}\ \Phi_{316}\ \Phi_{158}$
101883	1482	1481	$\frac{74}{1481}$	$\frac{75}{1481}$	$\frac{469}{1481}$	$\frac{506}{1481}$	$\Phi_{1481}\ \Phi_1^2$
101884	1482	1610	$\frac{4}{115}$	$\frac{1}{14}$	$\frac{37}{115}$	$\frac{39}{115}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{322}\ \Phi_{230}\ \Phi_{161}\ \Phi_{70}\ \Phi_{46}\ \Phi_{35}\ \Phi_{10}$
101885	1482	2604	$\frac{1}{62}$	$\frac{1}{7}$	$\frac{61}{186}$	$\frac{125}{372}$	$\Phi_{2604}\ \Phi_{868}\ \Phi_{434}\ \Phi_{217}\ \Phi_{84}\ \Phi_{28}\ \Phi_{14}$
101886	1482	996	$\frac{2}{249}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{996}^2\ \Phi_{498}^2\ \Phi_{332}^2\ \Phi_{166}^2\ \Phi_{12}\ \Phi_6$
101887	1482	870	$\frac{1}{58}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{870}^2\ \Phi_{435}^2\ \Phi_{290}^2\ \Phi_{174}\ \Phi_{145}^2\ \Phi_{87}\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6$
101888	1482	840	$\frac{1}{40}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_6$
101889	1482	1476	$\frac{1}{123}$	$\frac{1}{4}$	$\frac{122}{369}$	$\frac{1}{3}$	$\Phi_{1476}^2\ \Phi_{738}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
101890	1482	318	$\frac{1}{106}$	$\frac{71}{318}$	$\frac{35}{106}$	$\frac{1}{3}$	$\Phi_{318}^4\ \Phi_{159}^4\ \Phi_{106}^6\ \Phi_{53}^6\ \Phi_6^4\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
101891	1482	1695	$\frac{2}{113}$	$\frac{2}{15}$	$\frac{37}{113}$	$\frac{1}{3}$	$\Phi_{1695}\ \Phi_{565}\ \Phi_{113}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
101892	1482	231	$\frac{2}{77}$	$\frac{2}{21}$	$\frac{25}{77}$	$\frac{1}{3}$	$\Phi_{231}^6\ \Phi_{77}^7\ \Phi_{33}^6\ \Phi_{21}^7\ \Phi_{11}^7\ \Phi_7^8\ \Phi_3^6\ \Phi_1^8$
101893	1482	84	$\frac{1}{28}$	$\frac{1}{14}$	$\frac{9}{28}$	$\frac{1}{3}$	$\Phi_{84}^{26}\ \Phi_{42}^{27}\ \Phi_{21}^{27}\ \Phi_{12}^{26}\ \Phi_6^{27}\ \Phi_3^{26}$
101894	1482	2226	$\frac{37}{742}$	$\frac{39}{742}$	$\frac{235}{742}$	$\frac{1}{3}$	$\Phi_{2226}\ \Phi_{1113}\ \Phi_{318}\ \Phi_{159}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
101895	1482	1140	$\frac{1}{20}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{285}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3$
101896	1482	2226	$\frac{27}{742}$	$\frac{55}{742}$	$\frac{229}{742}$	$\frac{1}{3}$	$\Phi_{2226}\ \Phi_{1113}\ \Phi_{318}\ \Phi_{159}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
101897	1482	1080	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{120}\ \Phi_{108}^2\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
101898	1482	252	$\frac{5}{252}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^6\ \Phi_{63}^6\ \Phi_{42}^6\ \Phi_{36}^6\ \Phi_{28}^6\ \Phi_{21}^4\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_9^6\ \Phi_7^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
101899	1482	522	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{522}^4\ \Phi_{261}^4\ \Phi_{174}\ \Phi_{87}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6$
101900	1482	984	$\frac{1}{82}$	$\frac{81}{328}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{984}^3\ \Phi_{492}\ \Phi_{246}^2\ \Phi_{123}^2\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
101901	1482	2460	$\frac{2}{123}$	$\frac{121}{615}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{820}\ \Phi_{410}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
101902	1482	1392	$\frac{1}{58}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1392}^2\ \Phi_{696}^2\ \Phi_{174}\ \Phi_{87}\ \Phi_{48}\ \Phi_{24}\ \Phi_6$
101903	1482	252	$\frac{5}{252}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^6\ \Phi_{63}^6\ \Phi_{42}^6\ \Phi_{36}^6\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_{12}^3\ \Phi_9^6\ \Phi_7^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
101904	1482	3444	$\frac{1}{41}$	$\frac{40}{287}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3444}\ \Phi_{1722}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}\ \Phi_6$
101905	1482	780	$\frac{1}{39}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{260}^3\ \Phi_{156}\ \Phi_{130}^3\ \Phi_{78}\ \Phi_{60}^2\ \Phi_{52}\ \Phi_{30}^2\ \Phi_{26}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
101906	1482	756	$\frac{1}{27}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{252}^3\ \Phi_{126}^3\ \Phi_{108}\ \Phi_{84}^2\ \Phi_{54}\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{18}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_6$
101907	1482	492	$\frac{2}{41}$	$\frac{3}{41}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{492}^6\ \Phi_{246}^6\ \Phi_{12}^7\ \Phi_6^7$
101908	1482	420	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^6\ \Phi_{210}^6\ \Phi_{105}^6\ \Phi_{84}^4\ \Phi_{60}^3\ \Phi_{42}^5\ \Phi_{30}^3\ \Phi_{21}^5\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
101909	1482	2940	$\frac{6}{245}$	$\frac{1}{7}$	$\frac{239}{980}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{588}\ \Phi_{420}\ \Phi_{294}\ \Phi_{210}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
101910	1482	2352	$\frac{43}{784}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{147}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
101911	1482	360	$\frac{1}{40}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^5\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^5\ \Phi_{45}^3\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_6^5\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
101912	1482	120	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{120}^{13}\ \Phi_{60}^{13}\ \Phi_{40}^{12}\ \Phi_{30}^{13}\ \Phi_{24}^{11}\ \Phi_{20}^{12}\ \Phi_{15}^{13}\ \Phi_{12}^{11}\ \Phi_{10}^{12}\ \Phi_8^{10}\ \Phi_6^{13}\ \Phi_5^{12}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
101913	1482	210	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1}{3}$	$\Phi_{210}^{13}\ \Phi_{105}^{13}\ \Phi_{42}\ \Phi_{30}^{13}\ \Phi_{21}\ \Phi_{15}^{13}\ \Phi_6$
101914	1482	2310	$\frac{29}{770}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{30}\ \Phi_{21}\ \Phi_6$
101915	1482	294	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{47}{294}$	$\frac{1}{3}$	$\Phi_{294}^6\ \Phi_{147}^3\ \Phi_{98}^6\ \Phi_{49}^6\ \Phi_{42}^6\ \Phi_{21}^4\ \Phi_{14}^6\ \Phi_7^6\ \Phi_6^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
101916	1482	1695	$\frac{5}{113}$	$\frac{2}{15}$	$\frac{18}{113}$	$\frac{1}{3}$	$\Phi_{1695}\ \Phi_{565}\ \Phi_{113}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
101917	1482	231	$\frac{5}{77}$	$\frac{2}{21}$	$\frac{12}{77}$	$\frac{1}{3}$	$\Phi_{231}^6\ \Phi_{77}^7\ \Phi_{33}^6\ \Phi_{21}^7\ \Phi_{11}^7\ \Phi_7^8\ \Phi_3^6\ \Phi_1^8$
101918	1482	420	$\frac{1}{20}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^5\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{70}^5\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{28}^5\ \Phi_{21}^4\ \Phi_{14}^5\ \Phi_7^4$
101919	1482	2352	$\frac{43}{784}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{168}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
101920	1482	840	$\frac{2}{35}$	$\frac{33}{280}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{12}^3\ \Phi_6^3$
101921	1482	42	$\frac{1}{14}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{42}^{36}\ \Phi_{21}^{31}\ \Phi_{14}^{42}\ \Phi_7^{36}\ \Phi_6^{36}\ \Phi_3^{30}\ \Phi_2^{42}\ \Phi_1^{36}$
101922	1482	1344	$\frac{1}{14}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1344}^2\ \Phi_{672}^2\ \Phi_{336}^2\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
101923	1482	924	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{5}{44}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{84}^2\ \Phi_{77}\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
101924	1482	2940	$\frac{4}{245}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{241}{735}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{588}\ \Phi_{420}\ \Phi_{294}\ \Phi_{210}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
101925	1482	2034	$\frac{2}{113}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{37}{113}$	$\Phi_{2034}\ \Phi_{1017}\ \Phi_{113}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
101926	1482	1808	$\frac{2}{113}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{37}{113}$	$\Phi_{1808}\ \Phi_{904}\ \Phi_{113}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
101927	1482	2079	$\frac{2}{77}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{25}{77}$	$\Phi_{2079}\ \Phi_{297}\ \Phi_{189}\ \Phi_{77}\ \Phi_{27}^2\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
101928	1482	1848	$\frac{2}{77}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{25}{77}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
101929	1482	2916	$\frac{8}{243}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{235}{729}$	$\Phi_{2916}\ \Phi_{1458}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
101930	1482	420	$\frac{1}{28}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{9}{28}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^2\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^2\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^2\ \Phi_{15}^6\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_7^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
101931	1482	1452	$\frac{5}{121}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{116}{363}$	$\Phi_{1452}^2\ \Phi_{726}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{22}\ \Phi_{12}^2\ \Phi_6^2$
101932	1482	360	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{113}{360}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{90}^6\ \Phi_{72}^6\ \Phi_{60}\ \Phi_{45}^6\ \Phi_{36}^6\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^6\ \Phi_{12}\ \Phi_{10}\ \Phi_9^6\ \Phi_6$
101933	1482	2520	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{113}{360}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{315}\ \Phi_{252}\ \Phi_{126}\ \Phi_{63}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
101934	1482	220	$\frac{3}{55}$	$\frac{4}{55}$	$\frac{1}{4}$	$\frac{17}{55}$	$\Phi_{220}^9\ \Phi_{110}^9\ \Phi_{44}^9\ \Phi_{22}^9\ \Phi_{20}^9\ \Phi_{10}^9\ \Phi_4^8\ \Phi_2^8$
101935	1482	770	$\frac{1}{14}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{17}{55}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}^2\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_7^2\ \Phi_2^2$
101936	1482	108	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{108}^{18}\ \Phi_{54}^{18}\ \Phi_{36}^{19}\ \Phi_{18}^{19}\ \Phi_{12}^{19}\ \Phi_6^{19}\ \Phi_4^{18}\ \Phi_2^{18}$
101937	1482	2079	$\frac{5}{77}$	$\frac{1}{9}$	$\frac{12}{77}$	$\frac{8}{27}$	$\Phi_{2079}\ \Phi_{297}\ \Phi_{189}\ \Phi_{77}\ \Phi_{27}^2\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
101938	1482	378	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{27}$	$\Phi_{378}^6\ \Phi_{189}^5\ \Phi_{54}^6\ \Phi_{27}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
101939	1482	1188	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{44}$	$\frac{8}{27}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{297}\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{44}^2\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
101940	1482	1848	$\frac{17}{264}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{77}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
101941	1482	2772	$\frac{1}{33}$	$\frac{32}{231}$	$\frac{1}{4}$	$\frac{199}{693}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{132}\ \Phi_{126}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
101942	1482	468	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{468}^6\ \Phi_{234}^3\ \Phi_{156}\ \Phi_{117}^3\ \Phi_{78}\ \Phi_{52}\ \Phi_{36}^4\ \Phi_{26}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
101943	1482	2034	$\frac{5}{113}$	$\frac{18}{113}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2034}\ \Phi_{1017}\ \Phi_{113}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
101944	1482	1260	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{140}\ \Phi_{126}\ \Phi_{70}\ \Phi_{63}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
101945	1482	2700	$\frac{1}{45}$	$\frac{44}{225}$	$\frac{1}{4}$	$\frac{181}{675}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
101946	1482	660	$\frac{1}{55}$	$\frac{27}{110}$	$\frac{1}{4}$	$\frac{83}{330}$	$\Phi_{660}^4\ \Phi_{330}^2\ \Phi_{220}\ \Phi_{165}^2\ \Phi_{132}^4\ \Phi_{110}\ \Phi_{66}^2\ \Phi_{60}^4\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^2\ \Phi_3^2$
101947	1482	624	$\frac{1}{39}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{156}\ \Phi_{104}^3\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}^3\ \Phi_{26}\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
101948	1482	324	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{77}{324}$	$\frac{1}{4}$	$\Phi_{324}^4\ \Phi_{162}^4\ \Phi_{108}^4\ \Phi_{81}^6\ \Phi_{54}^4\ \Phi_{36}^5\ \Phi_{27}^6\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^6\ \Phi_6^5\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
101949	1482	540	$\frac{1}{15}$	$\frac{23}{270}$	$\frac{7}{30}$	$\frac{1}{4}$	$\Phi_{540}^4\ \Phi_{270}^2\ \Phi_{180}^4\ \Phi_{135}^2\ \Phi_{108}^4\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^4\ \Phi_{30}\ \Phi_{27}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9^2\ \Phi_6$
101950	1482	264	$\frac{17}{264}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{264}^6\ \Phi_{132}^6\ \Phi_{88}^6\ \Phi_{66}^6\ \Phi_{44}^3\ \Phi_{33}^6\ \Phi_{24}^6\ \Phi_{22}^5\ \Phi_{12}^6\ \Phi_{11}^4\ \Phi_8^6\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^4\ \Phi_1^4$
101951	1482	216	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{216}^9\ \Phi_{108}^4\ \Phi_{72}^9\ \Phi_{54}^7\ \Phi_{36}^4\ \Phi_{27}^6\ \Phi_{24}^6\ \Phi_{18}^7\ \Phi_{12}^3\ \Phi_9^6\ \Phi_8^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
101952	1482	60	$\frac{1}{20}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{60}^{28}\ \Phi_{30}^{28}\ \Phi_{20}^{17}\ \Phi_{15}^{30}\ \Phi_{12}^{28}\ \Phi_{10}^{17}\ \Phi_6^{28}\ \Phi_5^{18}\ \Phi_4^{16}\ \Phi_3^{30}\ \Phi_2^{16}\ \Phi_1^{18}$
101953	1482	280	$\frac{2}{35}$	$\frac{33}{280}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{280}^6\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^6\ \Phi_{40}^6\ \Phi_{35}^6\ \Phi_{28}^4\ \Phi_{20}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_8^6\ \Phi_7^6\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
101954	1482	2100	$\frac{31}{525}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{100}\ \Phi_{84}\ \Phi_{60}\ \Phi_{50}\ \Phi_{42}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
101955	1482	1808	$\frac{5}{113}$	$\frac{18}{113}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1808}\ \Phi_{904}\ \Phi_{113}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
101956	1482	560	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{560}^4\ \Phi_{280}^4\ \Phi_{140}\ \Phi_{112}^3\ \Phi_{70}\ \Phi_{56}^3\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
101957	1482	2420	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{111}{605}$	$\frac{1}{4}$	$\Phi_{2420}\ \Phi_{1210}\ \Phi_{220}\ \Phi_{110}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
101958	1482	300	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{53}{300}$	$\frac{1}{4}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^6\ \Phi_{75}^6\ \Phi_{60}\ \Phi_{50}^6\ \Phi_{30}\ \Phi_{25}^6\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
101959	1482	180	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{7}{45}$	$\frac{1}{4}$	$\Phi_{180}^{13}\ \Phi_{90}^{13}\ \Phi_{60}^7\ \Phi_{36}^{13}\ \Phi_{30}^7\ \Phi_{20}^7\ \Phi_{18}^{13}\ \Phi_{12}^7\ \Phi_{10}^7\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
101960	1482	540	$\frac{23}{270}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{4}$	$\Phi_{540}^4\ \Phi_{270}^2\ \Phi_{180}^4\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^4\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^4$ $\Phi_{18}\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
101961	1482	2268	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{567}$	$\frac{1}{4}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}$ $\Phi_{14}\ \Phi_{12}\ \Phi_6$
101962	1482	2240	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{73}{320}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{224}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
101963	1482	322	$\frac{1}{14}$	$\frac{3}{23}$	$\frac{4}{23}$	$\frac{5}{23}$	$\Phi_{322}^5\ \Phi_{161}^5\ \Phi_{46}^5\ \Phi_{14}^4\ \Phi_7^4\ \Phi_2^4$
101964	1482	1848	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{77}\ \Phi_{56}$ $\Phi_{44}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
101965	1482	168	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{168}^{11}\ \Phi_{84}^{11}\ \Phi_{56}^{11}\ \Phi_{28}^{11}\ \Phi_{24}^{12}\ \Phi_{14}^6\ \Phi_{12}^{12}\ \Phi_8^{12}\ \Phi_7^5\ \Phi_4^{12}\ \Phi_2^6\ \Phi_1^6$
101966	1482	264	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{264}^7\ \Phi_{132}^3\ \Phi_{88}^7\ \Phi_{66}^4\ \Phi_{44}^5\ \Phi_{33}^4\ \Phi_{24}^8\ \Phi_{22}^6\ \Phi_{12}^4\ \Phi_{11}^5\ \Phi_8^8\ \Phi_6^4\ \Phi_4^6$ $\Phi_3^4\ \Phi_2^6\ \Phi_1^6$
101967	1482	210	$\frac{1}{14}$	$\frac{2}{15}$	$\frac{13}{70}$	$\frac{1}{5}$	$\Phi_{210}^8\ \Phi_{105}^8\ \Phi_{70}^5\ \Phi_{42}^8\ \Phi_{35}^5\ \Phi_{30}^8\ \Phi_{21}^8\ \Phi_{15}^{10}\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_7^4\ \Phi_6^8\ \Phi_5^6$ $\Phi_3^{10}\ \Phi_2^4\ \Phi_1^6$
101968	1482	105	$\frac{2}{21}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{105}^{13}\ \Phi_{35}^{14}\ \Phi_{21}^{16}\ \Phi_{15}^{15}\ \Phi_7^{16}\ \Phi_5^{15}\ \Phi_3^{18}\ \Phi_1^{18}$
101969	1482	960	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}\ \Phi_{96}^2\ \Phi_{80}\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2$ $\Phi_{16}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
101970	1482	280	$\frac{33}{280}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{40}$	$\Phi_{280}^5\ \Phi_{140}^5\ \Phi_{70}^5\ \Phi_{56}^6\ \Phi_{40}^6\ \Phi_{35}^5\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_5^6$ $\Phi_4^6\ \Phi_2^6\ \Phi_1^6$
101971	1482	2016	$\frac{1}{8}$	$\frac{41}{288}$	$\frac{1}{7}$	$\frac{7}{48}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{252}\ \Phi_{224}\ \Phi_{126}\ \Phi_{63}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
101972	1483	1980	$\frac{2}{495}$	$\frac{497}{1980}$	$\frac{1}{3}$	$\frac{493}{990}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{99}\ \Phi_{60}\ \Phi_{55}$ $\Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
101973	1483	2952	$\frac{7}{1476}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1469}{2952}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{328}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
101974	1483	2952	$\frac{7}{1476}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1469}{2952}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{328}\ \Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
101975	1483	1782	$\frac{2}{297}$	$\frac{299}{1782}$	$\frac{1}{3}$	$\frac{295}{594}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{297}\ \Phi_{162}\ \Phi_{99}\ \Phi_{81}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_9\ \Phi_1$
101976	1483	2736	$\frac{1}{114}$	$\frac{115}{1368}$	$\frac{1253}{2736}$	$\frac{113}{228}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{228}\ \Phi_{144}\ \Phi_{76}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
101977	1483	2052	$\frac{1}{114}$	$\frac{115}{684}$	$\frac{569}{2052}$	$\frac{113}{228}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{513}\ \Phi_{228}\ \Phi_{108}\ \Phi_{76}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
101978	1483	1824	$\frac{1}{114}$	$\frac{341}{1824}$	$\frac{115}{456}$	$\frac{113}{228}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{304}\ \Phi_{228}\ \Phi_{96}\ \Phi_{76}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}$ $\Phi_4\ \Phi_1$
101979	1483	2940	$\frac{13}{1470}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1457}{2940}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{196}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}$ $\Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
101980	1483	1650	$\frac{2}{165}$	$\frac{167}{1650}$	$\frac{1}{3}$	$\frac{163}{330}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{275}\ \Phi_{165}\ \Phi_{150}\ \Phi_{75}\ \Phi_{55}\ \Phi_{50}\ \Phi_{33}\ \Phi_{25}$ $\Phi_{15}\ \Phi_{11}\ \Phi_5\ \Phi_1$
101981	1483	2808	$\frac{1}{78}$	$\frac{79}{1404}$	$\frac{1325}{2808}$	$\frac{77}{156}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{312}\ \Phi_{216}\ \Phi_{156}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{24}\ \Phi_{12}\ \Phi_8$ $\Phi_4\ \Phi_1$
101982	1483	1872	$\frac{1}{78}$	$\frac{79}{468}$	$\frac{389}{1872}$	$\frac{77}{156}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}$ $\Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
101983	1483	2928	$\frac{19}{1464}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1445}{2928}$	$\Phi_{2928}\ \Phi_{976}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
101984	1483	1620	$\frac{2}{135}$	$\frac{137}{1620}$	$\frac{1}{3}$	$\frac{133}{270}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}$ $\Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
101985	1483	2916	$\frac{25}{1458}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1433}{2916}$	$\Phi_{2916}\ \Phi_{972}\ \Phi_{324}\ \Phi_{108}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
101986	1483	2912	$\frac{27}{1456}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{1429}{2912}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{224}\ \Phi_{52}\ \Phi_{32}\ \Phi_4\ \Phi_1$
101987	1483	1584	$\frac{2}{99}$	$\frac{101}{1584}$	$\frac{1}{3}$	$\frac{97}{198}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}$ $\Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
101988	1483	2904	$\frac{31}{1452}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1421}{2904}$	$\Phi_{2904}\ \Phi_{968}\ \Phi_{264}\ \Phi_{88}\ \Phi_{33}\ \Phi_{24}\ \Phi_{11}\ \Phi_8\ \Phi_1$
101989	1483	2888	$\frac{1}{38}$	$\frac{39}{1444}$	$\frac{1405}{2888}$	$\frac{37}{76}$	$\Phi_{2888}\ \Phi_{152}\ \Phi_{76}\ \Phi_8\ \Phi_4\ \Phi_1$
101990	1483	2880	$\frac{43}{1440}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{1397}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
101991	1483	2880	$\frac{43}{1440}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1397}{2880}$	Φ_{2880} Φ_{960} Φ_{576} Φ_{320} Φ_{192} Φ_{64} Φ_{48} Φ_{24} Φ_{16} Φ_{12} Φ_{8} Φ_{4} Φ_{1}
101992	1483	2860	$\frac{53}{1430}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1377}{2860}$	Φ_{2860} Φ_{572} Φ_{260} Φ_{220} Φ_{65} Φ_{52} Φ_{44} Φ_{20} Φ_{5} Φ_{4} Φ_{1}
101993	1483	2184	$\frac{27}{728}$	$\frac{1}{26}$	$\frac{701}{2184}$	$\frac{25}{52}$	Φ_{2184} Φ_{1092} Φ_{546} Φ_{312} Φ_{273} Φ_{168} Φ_{156} Φ_{84} Φ_{78} Φ_{52} Φ_{42} Φ_{39} Φ_{24} Φ_{21} Φ_{12} Φ_{6} Φ_{4} Φ_{3} Φ_{1}
101994	1483	1560	$\frac{1}{26}$	$\frac{77}{1560}$	$\frac{27}{104}$	$\frac{25}{52}$	Φ_{1560} Φ_{780} Φ_{520} Φ_{390} Φ_{312} Φ_{260} Φ_{195} Φ_{156} Φ_{130} Φ_{120} Φ_{78} Φ_{65} Φ_{60} Φ_{52} Φ_{40} Φ_{39} Φ_{30} Φ_{24} Φ_{20} Φ_{15} Φ_{12} Φ_{10} Φ_{6} Φ_{5} Φ_{4} Φ_{3} Φ_{1}
101995	1483	1820	$\frac{1}{26}$	$\frac{27}{364}$	$\frac{337}{1820}$	$\frac{25}{52}$	Φ_{1820} Φ_{910} Φ_{455} Φ_{260} Φ_{140} Φ_{130} Φ_{70} Φ_{65} Φ_{52} Φ_{35} Φ_{20} Φ_{10} Φ_{5} Φ_{4} Φ_{1}
101996	1483	1664	$\frac{1}{26}$	$\frac{181}{1664}$	$\frac{27}{208}$	$\frac{25}{52}$	Φ_{1664} Φ_{832} Φ_{416} Φ_{128} Φ_{64} Φ_{52} Φ_{32} Φ_{4} Φ_{1}
101997	1483	1794	$\frac{12}{299}$	$\frac{1}{13}$	$\frac{311}{1794}$	$\frac{287}{598}$	Φ_{1794} Φ_{897} Φ_{299} Φ_{138} Φ_{78} Φ_{69} Φ_{39} Φ_{23} Φ_{6} Φ_{3} Φ_{1}
101998	1483	1530	$\frac{47}{1530}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	Φ_{1530} Φ_{765} Φ_{510} Φ_{306} Φ_{255} Φ_{170} Φ_{153} Φ_{102} Φ_{85} Φ_{51} Φ_{45} Φ_{34} Φ_{17} Φ_{15} Φ_{9} Φ_{5} Φ_{1}
101999	1483	2808	$\frac{1}{39}$	$\frac{79}{1404}$	$\frac{38}{117}$	$\frac{1325}{2808}$	Φ_{2808} Φ_{936} Φ_{312} Φ_{216} Φ_{117} Φ_{104} Φ_{72} Φ_{24} Φ_{9} Φ_{8} Φ_{1}
102000	1483	1518	$\frac{35}{1518}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	Φ_{1518} Φ_{759} Φ_{506} Φ_{253} Φ_{138} Φ_{69} Φ_{46} Φ_{33} Φ_{23} Φ_{11} Φ_{1}
102001	1483	2772	$\frac{2}{99}$	$\frac{97}{1386}$	$\frac{1}{3}$	$\frac{1289}{2772}$	Φ_{2772} Φ_{924} Φ_{396} Φ_{308} Φ_{252} Φ_{132} Φ_{99} Φ_{84} Φ_{44} Φ_{36} Φ_{33} Φ_{28} Φ_{12} Φ_{11} Φ_{9} Φ_{4} Φ_{1}
102002	1483	1512	$\frac{29}{1512}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	Φ_{1512} Φ_{756} Φ_{504} Φ_{378} Φ_{252} Φ_{216} Φ_{189} Φ_{168} Φ_{126} Φ_{108} Φ_{84} Φ_{72} Φ_{63} Φ_{56} Φ_{42} Φ_{36} Φ_{28} Φ_{27} Φ_{24} Φ_{21} Φ_{14} Φ_{12} Φ_{9} Φ_{8} Φ_{7} Φ_{4} Φ_{1}
102003	1483	2028	$\frac{1}{39}$	$\frac{38}{507}$	$\frac{545}{2028}$	$\frac{469}{1014}$	Φ_{2028} Φ_{676} Φ_{507} Φ_{169} Φ_{156} Φ_{52} Φ_{12} Φ_{4} Φ_{1}
102004	1483	2736	$\frac{1}{57}$	$\frac{115}{1368}$	$\frac{56}{171}$	$\frac{1253}{2736}$	Φ_{2736} Φ_{912} Φ_{304} Φ_{171} Φ_{144} Φ_{48} Φ_{16} Φ_{9} Φ_{1}
102005	1483	2736	$\frac{1}{38}$	$\frac{115}{1368}$	$\frac{37}{152}$	$\frac{1253}{2736}$	Φ_{2736} Φ_{912} Φ_{304} Φ_{152} Φ_{144} Φ_{76} Φ_{48} Φ_{16} Φ_{8} Φ_{4} Φ_{1}
102006	1483	2700	$\frac{2}{135}$	$\frac{133}{1350}$	$\frac{1}{3}$	$\frac{1217}{2700}$	Φ_{2700} Φ_{900} Φ_{540} Φ_{300} Φ_{180} Φ_{135} Φ_{108} Φ_{100} Φ_{60} Φ_{45} Φ_{36} Φ_{27} Φ_{20} Φ_{15} Φ_{12} Φ_{9} Φ_{5} Φ_{4} Φ_{1}
102007	1483	1536	$\frac{53}{1536}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	Φ_{1536} Φ_{768} Φ_{512} Φ_{384} Φ_{256} Φ_{192} Φ_{128} Φ_{64} Φ_{48} Φ_{24} Φ_{16} Φ_{12} Φ_{8} Φ_{4} Φ_{1}
102008	1483	2052	$\frac{1}{57}$	$\frac{56}{513}$	$\frac{569}{2052}$	$\frac{457}{1026}$	Φ_{2052} Φ_{684} Φ_{513} Φ_{228} Φ_{171} Φ_{108} Φ_{76} Φ_{36} Φ_{27} Φ_{12} Φ_{9} Φ_{4} Φ_{1}
102009	1483	2660	$\frac{1}{38}$	$\frac{153}{1330}$	$\frac{37}{190}$	$\frac{1177}{2660}$	Φ_{2660} Φ_{532} Φ_{380} Φ_{190} Φ_{140} Φ_{95} Φ_{76} Φ_{28} Φ_{20} Φ_{10} Φ_{5} Φ_{4} Φ_{1}
102010	1483	1824	$\frac{1}{38}$	$\frac{37}{304}$	$\frac{341}{1824}$	$\frac{267}{608}$	Φ_{1824} Φ_{912} Φ_{456} Φ_{304} Φ_{228} Φ_{152} Φ_{114} Φ_{96} Φ_{76} Φ_{57} Φ_{48} Φ_{24} Φ_{16} Φ_{12} Φ_{8} Φ_{6} Φ_{4} Φ_{3} Φ_{1}
102011	1483	2640	$\frac{2}{165}$	$\frac{163}{1320}$	$\frac{1}{3}$	$\frac{1157}{2640}$	Φ_{2640} Φ_{880} Φ_{528} Φ_{240} Φ_{176} Φ_{165} Φ_{80} Φ_{55} Φ_{48} Φ_{33} Φ_{16} Φ_{15} Φ_{11} Φ_{5} Φ_{1}
102012	1483	1500	$\frac{17}{1500}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	Φ_{1500} Φ_{750} Φ_{500} Φ_{375} Φ_{300} Φ_{250} Φ_{150} Φ_{125} Φ_{100} Φ_{75} Φ_{60} Φ_{50} Φ_{25} Φ_{20} Φ_{15} Φ_{12} Φ_{5} Φ_{4} Φ_{1}
102013	1483	2604	$\frac{5}{186}$	$\frac{181}{1302}$	$\frac{1}{6}$	$\frac{1121}{2604}$	Φ_{2604} Φ_{868} Φ_{372} Φ_{186} Φ_{124} Φ_{93} Φ_{84} Φ_{62} Φ_{31} Φ_{28} Φ_{12} Φ_{4} Φ_{1}
102014	1483	1968	$\frac{7}{492}$	$\frac{1}{6}$	$\frac{485}{1968}$	$\frac{5}{12}$	Φ_{1968} Φ_{984} Φ_{656} Φ_{328} Φ_{48} Φ_{24} Φ_{16} Φ_{12} Φ_{8} Φ_{4} Φ_{1}
102015	1483	1512	$\frac{29}{1512}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	Φ_{1512} Φ_{756} Φ_{504} Φ_{378} Φ_{252} Φ_{216} Φ_{189} Φ_{168} Φ_{126} Φ_{108} Φ_{84} Φ_{72} Φ_{63} Φ_{56} Φ_{54} Φ_{42} Φ_{28} Φ_{27} Φ_{24} Φ_{21} Φ_{14} Φ_{12} Φ_{8} Φ_{7} Φ_{4} Φ_{1}
102016	1483	1560	$\frac{77}{1560}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{130}$	Φ_{1560} Φ_{780} Φ_{520} Φ_{390} Φ_{312} Φ_{260} Φ_{195} Φ_{156} Φ_{120} Φ_{104} Φ_{78} Φ_{65} Φ_{60} Φ_{52} Φ_{40} Φ_{39} Φ_{30} Φ_{24} Φ_{20} Φ_{15} Φ_{12} Φ_{8} Φ_{6} Φ_{5} Φ_{4} Φ_{3} Φ_{1}
102017	1483	2496	$\frac{1}{78}$	$\frac{235}{1248}$	$\frac{77}{312}$	$\frac{1013}{2496}$	Φ_{2496} Φ_{832} Φ_{312} Φ_{192} Φ_{156} Φ_{104} Φ_{64} Φ_{52} Φ_{24} Φ_{12} Φ_{8} Φ_{4} Φ_{1}
102018	1483	2432	$\frac{1}{38}$	$\frac{37}{304}$	$\frac{267}{1216}$	$\frac{949}{2432}$	Φ_{2432} Φ_{304} Φ_{152} Φ_{128} Φ_{76} Φ_{16} Φ_{8} Φ_{4} Φ_{1}
102019	1483	1494	$\frac{11}{1494}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	Φ_{1494} Φ_{747} Φ_{498} Φ_{249} Φ_{166} Φ_{83} Φ_{9} Φ_{1}
102020	1483	2392	$\frac{12}{299}$	$\frac{1}{13}$	$\frac{287}{1196}$	$\frac{909}{2392}$	Φ_{2392} Φ_{299} Φ_{184} Φ_{104} Φ_{23} Φ_{8} Φ_{1}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
102021	1483	1872	$\frac{1}{78}$	$\frac{389}{1872}$	$\frac{77}{312}$	$\frac{235}{624}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
102022	1483	2376	$\frac{2}{297}$	$\frac{295}{1188}$	$\frac{1}{3}$	$\frac{893}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{297}\ \Phi_{264}\ \Phi_{216}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{33}\ \Phi_{27}\ \Phi_{24}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
102023	1483	2340	$\frac{1}{78}$	$\frac{77}{390}$	$\frac{313}{1170}$	$\frac{857}{2340}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{156}\ \Phi_{130}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
102024	1483	2280	$\frac{1}{38}$	$\frac{37}{380}$	$\frac{343}{1140}$	$\frac{797}{2280}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{380}\ \Phi_{190}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{76}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
102025	1483	1638	$\frac{1}{39}$	$\frac{155}{1638}$	$\frac{38}{117}$	$\frac{79}{234}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{182}\ \Phi_{126}\ \Phi_{117}\ \Phi_{91}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
102026	1483	1710	$\frac{1}{57}$	$\frac{227}{1710}$	$\frac{56}{171}$	$\frac{115}{342}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{171}\ \Phi_{95}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
102027	1483	2232	$\frac{5}{372}$	$\frac{1}{6}$	$\frac{367}{1116}$	$\frac{749}{2232}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{372}\ \Phi_{248}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{72}\ \Phi_{62}\ \Phi_{31}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
102028	1483	2214	$\frac{7}{738}$	$\frac{2}{9}$	$\frac{731}{2214}$	$\frac{1}{3}$	$\Phi_{2214}\ \Phi_{1107}\ \Phi_{54}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
102029	1483	2205	$\frac{13}{735}$	$\frac{2}{15}$	$\frac{722}{2205}$	$\frac{1}{3}$	$\Phi_{2205}\ \Phi_{441}\ \Phi_{315}\ \Phi_{63}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
102030	1483	2187	$\frac{25}{729}$	$\frac{2}{27}$	$\frac{704}{2187}$	$\frac{1}{3}$	$\Phi_{2187}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
102031	1483	2178	$\frac{31}{726}$	$\frac{2}{33}$	$\frac{695}{2178}$	$\frac{1}{3}$	$\Phi_{2178}\ \Phi_{1089}\ \Phi_{198}\ \Phi_{99}\ \Phi_{33}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
102032	1483	2160	$\frac{2}{45}$	$\frac{43}{720}$	$\frac{677}{2160}$	$\frac{1}{3}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
102033	1483	1539	$\frac{56}{1539}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_{9}\ \Phi_{1}$
102034	1483	2079	$\frac{2}{99}$	$\frac{97}{693}$	$\frac{596}{2079}$	$\frac{1}{3}$	$\Phi_{2079}\ \Phi_{297}\ \Phi_{189}\ \Phi_{99}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
102035	1483	2025	$\frac{2}{135}$	$\frac{133}{675}$	$\frac{542}{2025}$	$\frac{1}{3}$	$\Phi_{2025}\ \Phi_{405}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
102036	1483	1980	$\frac{2}{165}$	$\frac{163}{660}$	$\frac{497}{1980}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{15}\ \Phi_{11}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
102037	1483	1620	$\frac{2}{45}$	$\frac{137}{1620}$	$\frac{43}{180}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
102038	1483	1944	$\frac{25}{486}$	$\frac{2}{27}$	$\frac{461}{1944}$	$\frac{1}{3}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
102039	1483	1584	$\frac{2}{33}$	$\frac{101}{1584}$	$\frac{31}{132}$	$\frac{1}{3}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
102040	1483	1845	$\frac{7}{369}$	$\frac{362}{1845}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{205}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
102041	1483	1512	$\frac{29}{1512}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
102042	1483	1815	$\frac{2}{33}$	$\frac{31}{363}$	$\frac{332}{1815}$	$\frac{1}{3}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}$
102043	1483	1800	$\frac{2}{45}$	$\frac{43}{360}$	$\frac{317}{1800}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
102044	1483	1620	$\frac{2}{27}$	$\frac{137}{1620}$	$\frac{25}{162}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
102045	1483	1575	$\frac{92}{1575}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{75}\ \Phi_{63}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
102046	1483	1680	$\frac{13}{210}$	$\frac{197}{1680}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{84}\ \Phi_{80}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
102047	1483	1701	$\frac{2}{27}$	$\frac{25}{243}$	$\frac{218}{1701}$	$\frac{1}{3}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{189}\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
102048	1483	2052	$\frac{1}{57}$	$\frac{115}{684}$	$\frac{569}{2052}$	$\frac{56}{171}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{513}\ \Phi_{171}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
102049	1483	2106	$\frac{1}{39}$	$\frac{79}{702}$	$\frac{623}{2106}$	$\frac{38}{117}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{162}\ \Phi_{117}\ \Phi_{81}\ \Phi_{9}\ \Phi_{1}$
102050	1483	1755	$\frac{1}{39}$	$\frac{272}{1755}$	$\frac{79}{351}$	$\frac{38}{117}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{195}\ \Phi_{135}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
102051	1483	1872	$\frac{1}{39}$	$\frac{79}{468}$	$\frac{389}{1872}$	$\frac{38}{117}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
102052	1483	2160	$\frac{43}{720}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{677}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
102053	1483	2145	$\frac{53}{715}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{662}{2145}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{195}\ \Phi_{165}\ \Phi_{65}\ \Phi_{39}\ \Phi_{33}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
102054	1483	1584	$\frac{101}{1584}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{144}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
102055	1483	1824	$\frac{1}{38}$	$\frac{341}{1824}$	$\frac{37}{152}$	$\frac{115}{456}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{96}\ \Phi_{76}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
102056	1483	1920	$\frac{43}{480}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{437}{1920}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
102057	1483	1680	$\frac{5}{48}$	$\frac{197}{1680}$	$\frac{1}{6}$	$\frac{43}{240}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
102058	1483	1728	$\frac{5}{48}$	$\frac{245}{1728}$	$\frac{43}{288}$	$\frac{1}{6}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
102059	1484	2220	$\frac{1}{370}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{369}{740}$	$\Phi_{2220}\ \Phi_{740}^2\ \Phi_{444}\ \Phi_{148}^2\ \Phi_{60}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
102060	1484	2532	$\frac{1}{211}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{105}{211}$	$\Phi_{2532}\ \Phi_{844}\ \Phi_{211}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
102061	1484	1899	$\frac{1}{211}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{105}{211}$	$\Phi_{1899}\ \Phi_{211}\ \Phi_{9}^2\ \Phi_{1}^2$
102062	1484	3690	$\frac{2}{369}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{367}{738}$	$\Phi_{3690}\ \Phi_{1230}\ \Phi_{410}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
102063	1484	2480	$\frac{1}{124}$	$\frac{1}{5}$	$\frac{125}{496}$	$\frac{123}{248}$	$\Phi_{2480}\ \Phi_{620}\ \Phi_{310}\ \Phi_{155}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
102064	1484	3680	$\frac{3}{368}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{365}{736}$	$\Phi_{3680}\ \Phi_{160}\ \Phi_{20}\ \Phi_{10}$
102065	1484	1365	$\frac{1}{105}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{52}{105}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}^2\ \Phi_{91}\ \Phi_{65}\ \Phi_{39}\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
102066	1484	840	$\frac{1}{105}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{52}{105}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
102067	1484	1483	$\frac{15}{1483}$	$\frac{107}{1483}$	$\frac{688}{1483}$	$\frac{734}{1483}$	$\Phi_{1483}\ \Phi_{1}^2$
102068	1484	3660	$\frac{5}{366}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{361}{732}$	$\Phi_{3660}\ \Phi_{1220}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
102069	1484	568	$\frac{1}{71}$	$\frac{1}{8}$	$\frac{18}{71}$	$\frac{35}{71}$	$\Phi_{568}^3\ \Phi_{284}^3\ \Phi_{142}^3\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{2}^2$
102070	1484	1483	$\frac{25}{1483}$	$\frac{158}{1483}$	$\frac{377}{1483}$	$\frac{729}{1483}$	$\Phi_{1483}\ \Phi_{1}^2$
102071	1484	2229	$\frac{13}{743}$	$\frac{54}{743}$	$\frac{1}{3}$	$\frac{365}{743}$	Φ_{2229}
102072	1484	2808	$\frac{1}{52}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{51}{104}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{312}\ \Phi_{216}\ \Phi_{104}^2\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
102073	1484	1560	$\frac{1}{52}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}\ \Phi_{120}^2\ \Phi_{104}^2\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{15}^2\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
102074	1484	936	$\frac{1}{52}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{51}{104}$	$\Phi_{936}^3\ \Phi_{312}^3\ \Phi_{104}^4\ \Phi_{72}^3\ \Phi_{24}^3\ \Phi_{9}^3\ \Phi_{8}^4\ \Phi_{3}^3\ \Phi_{1}^4$
102075	1484	520	$\frac{1}{52}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{51}{104}$	$\Phi_{520}^3\ \Phi_{260}^4\ \Phi_{130}^4\ \Phi_{65}^4\ \Phi_{40}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_{5}^4$
102076	1484	720	$\frac{11}{360}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{349}{720}$	$\Phi_{720}^4\ \Phi_{240}^4\ \Phi_{144}^4\ \Phi_{80}^4\ \Phi_{60}\ \Phi_{48}^4\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{15}\ \Phi_{10}$
102077	1484	702	$\frac{1}{27}$	$\frac{1}{26}$	$\frac{25}{78}$	$\frac{13}{27}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}^3\ \Phi_{54}^2\ \Phi_{39}^3\ \Phi_{27}^3\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_{9}^3\ \Phi_{6}^3\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
102078	1484	1512	$\frac{1}{27}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{9}\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{3}\ \Phi_{1}^2$
102079	1484	1755	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{13}{27}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{195}\ \Phi_{135}\ \Phi_{65}^2\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
102080	1484	2958	$\frac{1}{29}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{2958}\ \Phi_{986}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
102081	1484	2088	$\frac{1}{29}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{522}\ \Phi_{261}\ \Phi_{232}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
102082	1484	702	$\frac{1}{54}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{54}^4\ \Phi_{39}\ \Phi_{27}^4\ \Phi_{26}^2\ \Phi_{18}^4\ \Phi_{13}^2\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
102083	1484	910	$\frac{1}{35}$	$\frac{1}{13}$	$\frac{17}{70}$	$\frac{6}{13}$	$\Phi_{910}^2\ \Phi_{455}\ \Phi_{182}^2\ \Phi_{130}^2\ \Phi_{91}\ \Phi_{70}^4\ \Phi_{65}\ \Phi_{35}^2\ \Phi_{26}^2\ \Phi_{14}^4\ \Phi_{13}^2\ \Phi_{10}^4\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{2}^4\ \Phi_{1}^4$
102084	1484	715	$\frac{2}{55}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{715}^2\ \Phi_{143}^2\ \Phi_{65}\ \Phi_{55}^4\ \Phi_{13}^2\ \Phi_{11}^4\ \Phi_{5}^2\ \Phi_{1}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
102085	1484	819	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{10}{63}$	$\frac{6}{13}$	$\Phi_{819}^2\ \Phi_{273}\ \Phi_{117}^2\ \Phi_{91}\ \Phi_{63}^4\ \Phi_{39}\ \Phi_{21}^2\ \Phi_{13}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
102086	1484	728	$\frac{3}{56}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{728}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{104}^2\ \Phi_{91}\ \Phi_{56}^4\ \Phi_{52}^2\ \Phi_{28}^4\ \Phi_{26}^2\ \Phi_{14}^4\ \Phi_{13}^2\ \Phi_8^4\ \Phi_7^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
102087	1484	780	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{7}{60}$	$\frac{6}{13}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{60}^4\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{30}^4\ \Phi_{26}^2\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
102088	1484	1920	$\frac{13}{384}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{80}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
102089	1484	3410	$\frac{1}{31}$	$\frac{30}{341}$	$\frac{1}{5}$	$\frac{311}{682}$	$\Phi_{3410}\ \Phi_{310}\ \Phi_{155}\ \Phi_{110}\ \Phi_{10}$
102090	1484	1566	$\frac{1}{54}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{1566}\ \Phi_{783}\ \Phi_{522}\ \Phi_{261}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
102091	1484	2784	$\frac{1}{29}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
102092	1484	1483	$\frac{20}{1483}$	$\frac{209}{1483}$	$\frac{423}{1483}$	$\frac{637}{1483}$	$\Phi_{1483}\ \Phi_1^2$
102093	1484	2229	$\frac{8}{743}$	$\frac{105}{743}$	$\frac{1}{3}$	$\frac{319}{743}$	Φ_{2229}
102094	1484	1284	$\frac{1}{107}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{1284}^2\ \Phi_{428}^2\ \Phi_{321}$
102095	1484	2532	$\frac{3}{211}$	$\frac{1}{6}$	$\frac{52}{211}$	$\frac{5}{12}$	$\Phi_{2532}\ \Phi_{844}\ \Phi_{211}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
102096	1484	540	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{540}^6\ \Phi_{270}\ \Phi_{180}^6\ \Phi_{135}\ \Phi_{90}\ \Phi_{60}^5\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{10}$
102097	1484	1740	$\frac{1}{29}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{290}\ \Phi_{174}\ \Phi_{145}\ \Phi_{87}\ \Phi_{58}$
102098	1484	2610	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{2610}\ \Phi_{870}\ \Phi_{522}\ \Phi_{290}\ \Phi_{261}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
102099	1484	620	$\frac{1}{62}$	$\frac{61}{310}$	$\frac{1}{5}$	$\frac{249}{620}$	$\Phi_{620}^4\ \Phi_{310}\ \Phi_{155}\ \Phi_{124}^4\ \Phi_{20}^4\ \Phi_{10}\ \Phi_4^4$
102100	1484	1070	$\frac{1}{107}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{1070}^2\ \Phi_{535}\ \Phi_{214}^2$
102101	1484	1880	$\frac{5}{376}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{470}\ \Phi_{235}\ \Phi_{20}\ \Phi_{10}$
102102	1484	2790	$\frac{1}{93}$	$\frac{1}{5}$	$\frac{92}{279}$	$\frac{187}{558}$	$\Phi_{2790}\ \Phi_{930}\ \Phi_{465}\ \Phi_{310}\ \Phi_{155}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
102103	1484	555	$\frac{1}{185}$	$\frac{184}{555}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{555}^3\ \Phi_{185}^2\ \Phi_{111}^3\ \Phi_{37}^2\ \Phi_{15}^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
102104	1484	963	$\frac{1}{107}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{963}^2\ \Phi_{321}$
102105	1484	375	$\frac{4}{375}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{375}^4\ \Phi_{125}^4\ \Phi_{75}^4\ \Phi_{25}^4\ \Phi_{15}^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
102106	1484	444	$\frac{1}{74}$	$\frac{73}{444}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{444}^4\ \Phi_{222}^3\ \Phi_{148}^4\ \Phi_{111}^3\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{12}^4\ \Phi_6^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
102107	1484	555	$\frac{3}{185}$	$\frac{26}{185}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{555}^2\ \Phi_{185}^4\ \Phi_{111}^2\ \Phi_{37}^4\ \Phi_{15}^2\ \Phi_5^4\ \Phi_3^3\ \Phi_1^6$
102108	1484	216	$\frac{1}{54}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{216}^8\ \Phi_{108}^8\ \Phi_{72}^8\ \Phi_{54}^4\ \Phi_{36}^8\ \Phi_{27}^4\ \Phi_{24}^7\ \Phi_{18}^4\ \Phi_{12}^7\ \Phi_9^4\ \Phi_8^6\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
102109	1484	1140	$\frac{9}{380}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}^2\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}^2\ \Phi_{114}\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{60}\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{20}^2\ \Phi_{19}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
102110	1484	1221	$\frac{1}{37}$	$\frac{36}{407}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1221}\ \Phi_{407}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
102111	1484	2520	$\frac{2}{105}$	$\frac{1}{8}$	$\frac{103}{315}$	$\frac{1}{3}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
102112	1484	390	$\frac{1}{26}$	$\frac{1}{15}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^4\ \Phi_{78}^3\ \Phi_{65}^4\ \Phi_{39}^3\ \Phi_{30}^4\ \Phi_{26}^2\ \Phi_{15}^6\ \Phi_{13}^2\ \Phi_{10}^4\ \Phi_6^3\ \Phi_5^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
102113	1484	840	$\frac{3}{56}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
102114	1484	1899	$\frac{3}{211}$	$\frac{2}{9}$	$\frac{52}{211}$	$\frac{1}{3}$	$\Phi_{1899}\ \Phi_{211}\ \Phi_9^2\ \Phi_1^2$
102115	1484	2460	$\frac{2}{123}$	$\frac{1}{5}$	$\frac{121}{492}$	$\frac{1}{3}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{820}\ \Phi_{410}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
102116	1484	840	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{17}{70}$	$\frac{1}{3}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{210}\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}^4\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
102117	1484	270	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{270}^7\ \Phi_{135}^7\ \Phi_{90}^7\ \Phi_{45}^6\ \Phi_{30}^7\ \Phi_{15}^7\ \Phi_{10}^7\ \Phi_5^6$
102118	1484	1320	$\frac{2}{55}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{330}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{120}\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
102119	1484	195	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{195}^7\ \Phi_{65}^8\ \Phi_{39}^8\ \Phi_{15}^9\ \Phi_{13}^8\ \Phi_5^{10}\ \Phi_3^9\ \Phi_1^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
102120	1484	504	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{10}{63}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^2\ \Phi_{126}^4\ \Phi_{84}^2\ \Phi_{72}^4\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}^4\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
102121	1484	168	$\frac{3}{56}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{168}^{13}\ \Phi_{84}^{13}\ \Phi_{42}^{13}\ \Phi_{24}^{14}\ \Phi_{21}^{14}\ \Phi_{12}^{14}\ \Phi_{6}^{14}\ \Phi_{3}^{14}$
102122	1484	1800	$\frac{13}{225}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{72}\ \Phi_{50}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
102123	1484	120	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{120}^{14}\ \Phi_{60}^{10}\ \Phi_{40}^{14}\ \Phi_{30}^{10}\ \Phi_{24}^{15}\ \Phi_{20}^{10}\ \Phi_{15}^{12}\ \Phi_{12}^{11}\ \Phi_{10}^{10}\ \Phi_{8}^{14}\ \Phi_{6}^{11}\ \Phi_{5}^{12}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
102124	1484	1848	$\frac{19}{231}$	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{6}$
102125	1484	2760	$\frac{3}{184}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{181}{552}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
102126	1484	234	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{25}{78}$	$\Phi_{234}^6\ \Phi_{117}^6\ \Phi_{78}^7\ \Phi_{39}^7\ \Phi_{26}^6\ \Phi_{18}^6\ \Phi_{13}^6\ \Phi_{9}^9\ \Phi_{6}^7\ \Phi_{3}^{10}\ \Phi_{2}^6\ \Phi_{1}^{10}$
102127	1484	1560	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{25}{78}$	$\Phi_{1560}^2\ \Phi_{780}^2\ \Phi_{390}\ \Phi_{195}\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
102128	1484	540	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{169}{540}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{60}\ \Phi_{54}^4\ \Phi_{30}\ \Phi_{27}^4\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
102129	1484	1980	$\frac{25}{396}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
102130	1484	2088	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{522}\ \Phi_{261}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
102131	1484	504	$\frac{3}{56}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^4\ \Phi_{42}^3\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{9}^3\ \Phi_{8}^4\ \Phi_{7}^4\ \Phi_{3}^3\ \Phi_{1}^4$
102132	1484	460	$\frac{3}{92}$	$\frac{89}{460}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{460}^3\ \Phi_{230}^3\ \Phi_{115}^3\ \Phi_{92}^4\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
102133	1484	1920	$\frac{13}{384}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
102134	1484	280	$\frac{3}{56}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{280}^7\ \Phi_{140}^7\ \Phi_{70}^7\ \Phi_{40}^4\ \Phi_{35}^7\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_{5}^4$
102135	1484	480	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{5}$	$\frac{109}{480}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{60}\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{15}\ \Phi_{10}$
102136	1484	585	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{12}{65}$	$\frac{2}{9}$	$\Phi_{585}^3\ \Phi_{195}^3\ \Phi_{65}^4\ \Phi_{45}^3\ \Phi_{15}^3\ \Phi_{9}^3\ \Phi_{5}^4\ \Phi_{3}^3\ \Phi_{1}^4$
102137	1484	520	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{12}{65}$	$\frac{1}{5}$	$\Phi_{520}^3\ \Phi_{260}^3\ \Phi_{130}^3\ \Phi_{104}^4\ \Phi_{52}^4\ \Phi_{40}^4\ \Phi_{26}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{2}^4$
102138	1484	60	$\frac{1}{12}$	$\frac{7}{60}$	$\frac{11}{60}$	$\frac{1}{5}$	$\Phi_{60}^{25}\ \Phi_{30}^{25}\ \Phi_{20}^{25}\ \Phi_{15}^{25}\ \Phi_{12}^{24}\ \Phi_{10}^{25}\ \Phi_{6}^{24}\ \Phi_{5}^{24}\ \Phi_{4}^{24}\ \Phi_{3}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{24}$
102139	1484	2160	$\frac{1}{12}$	$\frac{61}{432}$	$\frac{11}{72}$	$\frac{1}{5}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{270}\ \Phi_{240}\ \Phi_{135}\ \Phi_{80}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
102140	1485	592	$\frac{1}{296}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{295}{592}$	$\Phi_{592}^5\ \Phi_{16}^5\ \Phi_{8}\ \Phi_{1}$
102141	1485	848	$\frac{1}{212}$	$\frac{71}{424}$	$\frac{353}{848}$	$\frac{211}{424}$	$\Phi_{848}^3\ \Phi_{424}\ \Phi_{16}^3\ \Phi_{8}\ \Phi_{1}$
102142	1485	1984	$\frac{3}{496}$	$\frac{1}{4}$	$\frac{499}{1984}$	$\frac{493}{992}$	$\Phi_{1984}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{64}\ \Phi_{62}\ \Phi_{31}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
102143	1485	656	$\frac{1}{164}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{163}{328}$	$\Phi_{656}^4\ \Phi_{328}\ \Phi_{16}^5\ \Phi_{8}\ \Phi_{1}$
102144	1485	328	$\frac{1}{164}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{163}{328}$	$\Phi_{328}^9\ \Phi_{8}^9\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
102145	1485	1340	$\frac{1}{134}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{133}{268}$	$\Phi_{670}^2\ \Phi_{335}^2\ \Phi_{268}\ \Phi_{134}^2\ \Phi_{67}^2\ \Phi_{20}\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
102146	1485	4020	$\frac{1}{134}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{133}{268}$	$\Phi_{4020}\ \Phi_{804}\ \Phi_{268}\ \Phi_{60}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
102147	1485	2944	$\frac{13}{1472}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1459}{2944}$	$\Phi_{2944}\ \Phi_{128}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
102148	1485	196	$\frac{1}{98}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{97}{196}$	$\Phi_{196}\ \Phi_{98}^{14}\ \Phi_{49}^{14}\ \Phi_{28}^2\ \Phi_{14}^{14}\ \Phi_{7}^{14}\ \Phi_{4}^2\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
102149	1485	196	$\frac{1}{98}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{97}{196}$	$\Phi_{196}^{15}\ \Phi_{28}^{15}\ \Phi_{7}^2\ \Phi_{4}^{15}\ \Phi_{1}^3$
102150	1485	588	$\frac{1}{98}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{97}{196}$	$\Phi_{588}^2\ \Phi_{294}^4\ \Phi_{196}\ \Phi_{147}^4\ \Phi_{98}^2\ \Phi_{84}^2\ \Phi_{49}^2\ \Phi_{42}^4\ \Phi_{28}\ \Phi_{21}^4\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_{7}^2\ \Phi_{6}^5\ \Phi_{4}^2\ \Phi_{3}^5\ \Phi_{2}^2\ \Phi_{1}^3$
102151	1485	1988	$\frac{6}{497}$	$\frac{1}{7}$	$\frac{503}{1988}$	$\frac{491}{994}$	$\Phi_{1988}\ \Phi_{497}\ \Phi_{284}\ \Phi_{71}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
102152	1485	976	$\frac{7}{488}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{481}{976}$	$\Phi_{976}^3\ \Phi_{16}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
102153	1485	266	$\frac{2}{133}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{131}{266}$	$\Phi_{266}^4\ \Phi_{133}^7\ \Phi_{38}^4\ \Phi_{19}^7\ \Phi_{14}^6\ \Phi_{7}^8\ \Phi_{2}^6\ \Phi_{1}^9$
102154	1485	1404	$\frac{1}{54}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{53}{108}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{108}\ \Phi_{78}^2\ \Phi_{54}^2\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{36}\ \Phi_{27}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_{12}\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
102155	1485	1404	$\frac{1}{54}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{53}{108}$	$\Phi_{1404}^2\ \Phi_{468}^2\ \Phi_{156}^2\ \Phi_{108}^3\ \Phi_{52}^2\ \Phi_{36}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
102156	1485	540	$\frac{1}{54}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{53}{108}$	$\Phi_{540}^2\ \Phi_{270}^4\ \Phi_{180}^2\ \Phi_{135}^4\ \Phi_{108}\ \Phi_{90}^4\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^4\ \Phi_{36}\ \Phi_{30}^4\ \Phi_{27}^2$ $\Phi_{20}^4\ \Phi_{18}^2\ \Phi_{15}^4\ \Phi_{12}\ \Phi_{10}^5\ \Phi_9^2\ \Phi_6^2\ \Phi_5^5\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
102157	1485	2912	$\frac{29}{1456}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{1427}{2912}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{224}\ \Phi_{56}\ \Phi_{32}\ \Phi_8\ \Phi_1$
102158	1485	704	$\frac{1}{44}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{43}{88}$	$\Phi_{704}^4\ \Phi_{88}\ \Phi_{64}^5\ \Phi_8\ \Phi_1$
102159	1485	176	$\frac{1}{44}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{43}{88}$	$\Phi_{176}^8\ \Phi_{88}^9\ \Phi_{44}^8\ \Phi_{22}^8\ \Phi_{16}^{10}\ \Phi_{11}^8\ \Phi_8^{11}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
102160	1485	264	$\frac{1}{44}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{43}{88}$	$\Phi_{264}^{12}\ \Phi_{88}^9\ \Phi_{24}^{12}\ \Phi_{12}^3\ \Phi_8^9\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
102161	1485	440	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{43}{88}$	$\Phi_{440}^4\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{88}\ \Phi_{55}^4\ \Phi_{40}^5\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_8\ \Phi_5^5\ \Phi_1$
102162	1485	704	$\frac{1}{32}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{31}{64}$	$\Phi_{704}^4\ \Phi_{64}^5\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_2^2\ \Phi_1^3$
102163	1485	64	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{64}^{45}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
102164	1485	704	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{31}{64}$	$\Phi_{704}^4\ \Phi_{64}^5\ \Phi_{11}^4\ \Phi_1^5$
102165	1485	960	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{31}{64}$	$\Phi_{960}^4\ \Phi_{320}^2\ \Phi_{192}^2\ \Phi_{64}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
102166	1485	728	$\frac{1}{28}$	$\frac{29}{728}$	$\frac{233}{728}$	$\frac{27}{56}$	$\Phi_{728}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{104}^2\ \Phi_{91}^2\ \Phi_{56}^3\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_8^3$ $\Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
102167	1485	1568	$\frac{1}{28}$	$\frac{83}{1568}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{224}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{32}\ \Phi_8\ \Phi_1$
102168	1485	106	$\frac{2}{53}$	$\frac{3}{53}$	$\frac{25}{106}$	$\frac{51}{106}$	$\Phi_{106}^{10}\ \Phi_{53}^{18}\ \Phi_2^{10}\ \Phi_1^{19}$
102169	1485	2964	$\frac{2}{57}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{2964}\ \Phi_{988}\ \Phi_{228}\ \Phi_{76}\ \Phi_{57}\ \Phi_{52}\ \Phi_{19}\ \Phi_4\ \Phi_1$
102170	1485	4212	$\frac{1}{27}$	$\frac{1}{26}$	$\frac{26}{81}$	$\frac{25}{52}$	$\Phi_{4212}\ \Phi_{324}\ \Phi_{81}\ \Phi_{52}\ \Phi_4\ \Phi_1$
102171	1485	936	$\frac{1}{26}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{25}{52}$	$\Phi_{936}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}^3\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{36}\ \Phi_{26}^2\ \Phi_{24}^3$ $\Phi_{18}^2\ \Phi_{13}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
102172	1485	1404	$\frac{1}{26}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{25}{52}$	$\Phi_{1404}^2\ \Phi_{468}^2\ \Phi_{156}^2\ \Phi_{108}^2\ \Phi_{52}^3\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_4^3\ \Phi_3^2\ \Phi_1^3$
102173	1485	156	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{25}{52}$	$\Phi_{156}^8\ \Phi_{78}^{10}\ \Phi_{52}^9\ \Phi_{39}^{10}\ \Phi_{26}^{10}\ \Phi_{13}^{10}\ \Phi_{12}^{13}\ \Phi_6^{14}\ \Phi_4^{14}\ \Phi_3^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
102174	1485	3276	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{25}{52}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{364}\ \Phi_{252}\ \Phi_{84}\ \Phi_{63}\ \Phi_{52}\ \Phi_{28}\ \Phi_{21}\ \Phi_7\ \Phi_4\ \Phi_1$
102175	1485	952	$\frac{1}{28}$	$\frac{19}{476}$	$\frac{9}{28}$	$\frac{457}{952}$	$\Phi_{952}^3\ \Phi_{136}^3\ \Phi_{56}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
102176	1485	1520	$\frac{4}{95}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{91}{190}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{304}\ \Phi_{152}\ \Phi_{95}\ \Phi_{80}^2\ \Phi_{76}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{19}$ $\Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
102177	1485	80	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{7}{40}$	$\frac{19}{40}$	$\Phi_{80}^{20}\ \Phi_{40}^{18}\ \Phi_{20}^{17}\ \Phi_{16}^{19}\ \Phi_{10}^{17}\ \Phi_8^{17}\ \Phi_5^{17}\ \Phi_4^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
102178	1485	224	$\frac{1}{28}$	$\frac{3}{56}$	$\frac{59}{224}$	$\frac{53}{112}$	$\Phi_{224}^9\ \Phi_{56}^9\ \Phi_{32}^9\ \Phi_{28}^8\ \Phi_{14}^8\ \Phi_8^9\ \Phi_7^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
102179	1485	768	$\frac{7}{128}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{121}{256}$	$\Phi_{768}^4\ \Phi_{256}^3\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
102180	1485	728	$\frac{1}{28}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{728}^4\ \Phi_{104}^3\ \Phi_{56}^4\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
102181	1485	512	$\frac{17}{512}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{512}^3\ \Phi_{256}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
102182	1485	124	$\frac{1}{31}$	$\frac{2}{31}$	$\frac{1}{4}$	$\frac{29}{62}$	$\Phi_{124}^{16}\ \Phi_{62}\ \Phi_{31}^{15}\ \Phi_4^{15}\ \Phi_1^{15}$
102183	1485	196	$\frac{1}{49}$	$\frac{1}{14}$	$\frac{16}{49}$	$\frac{13}{28}$	$\Phi_{196}^{14}\ \Phi_{49}^2\ \Phi_{28}^{15}\ \Phi_7^2\ \Phi_4^{15}\ \Phi_1^3$
102184	1485	476	$\frac{1}{34}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{476}^2\ \Phi_{238}^4\ \Phi_{119}^4\ \Phi_{68}^4\ \Phi_{34}^5\ \Phi_{28}\ \Phi_{17}^5\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
102185	1485	140	$\frac{2}{35}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{140}^{21}\ \Phi_{35}^3\ \Phi_{28}^{15}\ \Phi_{20}^{21}\ \Phi_7^2\ \Phi_5^3\ \Phi_4^{15}\ \Phi_1^3$
102186	1485	112	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{13}{28}$	$\Phi_{112}^{15}\ \Phi_{56}^{15}\ \Phi_{28}^2\ \Phi_{16}^{15}\ \Phi_{14}^{14}\ \Phi_8^{15}\ \Phi_7^{14}\ \Phi_4^2\ \Phi_2^{14}\ \Phi_1^{15}$
102187	1485	196	$\frac{1}{14}$	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{13}{28}$	$\Phi_{196}^{14}\ \Phi_{49}^2\ \Phi_{28}^{15}\ \Phi_7^2\ \Phi_4^{15}\ \Phi_1^3$
102188	1485	420	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{13}{28}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^2\ \Phi_{105}^4\ \Phi_{84}^2\ \Phi_{70}^4\ \Phi_{60}^6\ \Phi_{42}^2\ \Phi_{35}^4\ \Phi_{30}^6\ \Phi_{28}\ \Phi_{21}^2$ $\Phi_{20}^4\ \Phi_{15}^6\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^5\ \Phi_7^2\ \Phi_6^3\ \Phi_5^5\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
102189	1485	248	$\frac{3}{124}$	$\frac{11}{124}$	$\frac{1}{4}$	$\frac{113}{248}$	$\Phi_{248}^{11}\ \Phi_{124}\ \Phi_{62}\ \Phi_{31}\ \Phi_8^{11}\ \Phi_1$
102190	1485	1340	$\frac{1}{67}$	$\frac{1}{10}$	$\frac{22}{67}$	$\frac{9}{20}$	$\Phi_{1340}^2\ \Phi_{268}^2\ \Phi_{67}^2\ \Phi_{20}^3\ \Phi_4^3\ \Phi_1^3$
102191	1485	460	$\frac{1}{46}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{460}^2\ \Phi_{230}^4\ \Phi_{115}^4\ \Phi_{92}^4\ \Phi_{46}^5\ \Phi_{23}^5\ \Phi_{20}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
102192	1485	1340	$\frac{2}{67}$	$\frac{1}{10}$	$\frac{13}{67}$	$\frac{9}{20}$	$\Phi_{1340}^2\ \Phi_{268}^2\ \Phi_{67}^2\ \Phi_{20}^3\ \Phi_4^3\ \Phi_1^3$
102193	1485	420	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^2\ \Phi_{105}^4\ \Phi_{84}^6\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^6\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{28}^3\ \Phi_{21}^6$ $\Phi_{20}\ \Phi_{15}^4\ \Phi_{14}^3\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_7^3\ \Phi_6^5\ \Phi_5^2\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
102194	1485	1340	$\frac{4}{67}$	$\frac{1}{10}$	$\frac{7}{67}$	$\frac{9}{20}$	$\Phi_{1340}^2\ \Phi_{268}^2\ \Phi_{67}^2\ \Phi_{20}^3\ \Phi_4^3\ \Phi_1^3$
102195	1485	80	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{80}^{20}\ \Phi_{40}^{20}\ \Phi_{20}^{11}\ \Phi_{16}^{19}\ \Phi_{10}^{19}\ \Phi_8^{19}\ \Phi_5^{19}\ \Phi_4^{10}\ \Phi_2^{18}\ \Phi_1^{19}$
102196	1485	896	$\frac{1}{28}$	$\frac{47}{448}$	$\frac{9}{56}$	$\frac{401}{896}$	$\Phi_{896}^3\ \Phi_{128}^3\ \Phi_{56}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
102197	1485	196	$\frac{1}{28}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{196}^7\ \Phi_{98}^6\ \Phi_{49}^7\ \Phi_{28}^{13}\ \Phi_{14}^{12}\ \Phi_7^{12}\ \Phi_4^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
102198	1485	656	$\frac{1}{82}$	$\frac{1}{8}$	$\frac{27}{82}$	$\frac{7}{16}$	$\Phi_{656}^4\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{16}^5\ \Phi_2^2\ \Phi_1^3$
102199	1485	112	$\frac{1}{56}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{112}^{24}\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{16}^{21}\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
102200	1485	656	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{8}{41}$	$\frac{7}{16}$	$\Phi_{656}^4\ \Phi_{41}^4\ \Phi_{16}^5\ \Phi_1^5$
102201	1485	816	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{816}^4\ \Phi_{272}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{48}^2\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_6\ \Phi_3\ \Phi_1$
102202	1485	448	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{448}^4\ \Phi_{224}^4\ \Phi_{64}^3\ \Phi_{56}^4\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
102203	1485	656	$\frac{5}{82}$	$\frac{7}{82}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{656}^4\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{16}^5\ \Phi_2^2\ \Phi_1^3$
102204	1485	48	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{48}^{32}\ \Phi_{24}^{36}\ \Phi_{16}^{24}\ \Phi_{12}^{35}\ \Phi_8^{27}\ \Phi_6^{35}\ \Phi_4^{26}\ \Phi_3^{35}\ \Phi_2^{26}\ \Phi_1^{27}$
102205	1485	1428	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{16}{119}$	$\frac{103}{238}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{204}^2\ \Phi_{119}\ \Phi_{102}^2\ \Phi_{84}\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{42}$ $\Phi_{34}\ \Phi_{28}\ \Phi_{21}\ \Phi_{17}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
102206	1485	868	$\frac{1}{62}$	$\frac{61}{434}$	$\frac{1}{4}$	$\frac{373}{868}$	$\Phi_{868}\ \Phi_{434}^2\ \Phi_{217}^2\ \Phi_{124}^3\ \Phi_{62}^3\ \Phi_{31}^3\ \Phi_{28}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
102207	1485	301	$\frac{4}{301}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{301}^5\ \Phi_{43}^5\ \Phi_7^2\ \Phi_1^3$
102208	1485	245	$\frac{2}{35}$	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{245}^7\ \Phi_{49}^5\ \Phi_{35}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
102209	1485	672	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{672}^4\ \Phi_{224}^4\ \Phi_{96}^3\ \Phi_{56}^4\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
102210	1485	112	$\frac{1}{28}$	$\frac{13}{112}$	$\frac{9}{56}$	$\frac{47}{112}$	$\Phi_{112}^{12}\ \Phi_{56}^{15}\ \Phi_{28}^{14}\ \Phi_{16}^{12}\ \Phi_{14}^{14}\ \Phi_8^{15}\ \Phi_7^{14}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
102211	1485	848	$\frac{1}{106}$	$\frac{71}{424}$	$\frac{35}{106}$	$\frac{353}{848}$	$\Phi_{848}^3\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{16}^3\ \Phi_2^2\ \Phi_1^3$
102212	1485	56	$\frac{1}{28}$	$\frac{3}{28}$	$\frac{5}{28}$	$\frac{23}{56}$	$\Phi_{56}^{45}\ \Phi_{28}^8\ \Phi_{14}^8\ \Phi_8^{45}\ \Phi_7^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
102213	1485	1504	$\frac{19}{1504}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1504}\ \Phi_{752}\ \Phi_{376}\ \Phi_{188}\ \Phi_{94}\ \Phi_{47}\ \Phi_{16}\ \Phi_8\ \Phi_1$
102214	1485	371	$\frac{6}{371}$	$\frac{73}{371}$	$\frac{74}{371}$	$\frac{149}{371}$	$\Phi_{371}^4\ \Phi_{53}^4\ \Phi_7^4\ \Phi_1^5$
102215	1485	496	$\frac{3}{248}$	$\frac{49}{248}$	$\frac{1}{4}$	$\frac{199}{496}$	$\Phi_{496}^5\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{31}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
102216	1485	424	$\frac{1}{106}$	$\frac{21}{106}$	$\frac{127}{424}$	$\frac{85}{212}$	$\Phi_{424}^5\ \Phi_{106}^4\ \Phi_{53}^4\ \Phi_8^5\ \Phi_2^4\ \Phi_1^5$
102217	1485	1224	$\frac{1}{136}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1224}\ \Phi_{612}\ \Phi_{408}^2\ \Phi_{306}\ \Phi_{204}^2\ \Phi_{153}\ \Phi_{136}\ \Phi_{102}^2\ \Phi_{72}\ \Phi_{68}\ \Phi_{51}^2$ $\Phi_{36}\ \Phi_{34}\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
102218	1485	160	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{19}{80}$	$\frac{61}{160}$	$\Phi_{160}^{15}\ \Phi_{80}^4\ \Phi_{40}^4\ \Phi_{32}^{15}\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
102219	1485	53	$\frac{1}{53}$	$\frac{8}{53}$	$\frac{13}{53}$	$\frac{20}{53}$	$\Phi_{53}^{28}\ \Phi_1^{29}$
102220	1485	296	$\frac{1}{148}$	$\frac{1}{4}$	$\frac{49}{148}$	$\frac{3}{8}$	$\Phi_{296}^8\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
102221	1485	272	$\frac{1}{136}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{272}^8\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_{16}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
102222	1485	200	$\frac{1}{100}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{200}^{12}\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{40}^{12}\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^9\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
102223	1485	1480	$\frac{1}{74}$	$\frac{73}{370}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1480}^2\ \Phi_{370}\ \Phi_{185}\ \Phi_{40}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
102224	1485	592	$\frac{5}{296}$	$\frac{97}{592}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{592}^3\ \Phi_{296}^2\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
102225	1485	224	$\frac{1}{56}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{224}^8\ \Phi_{112}^8\ \Phi_{56}^3\ \Phi_{32}^7\ \Phi_{28}^3\ \Phi_{16}^7\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
102226	1485	304	$\frac{7}{304}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{304}^5\ \Phi_{152}^5\ \Phi_{76}^5\ \Phi_{38}^5\ \Phi_{19}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
102227	1485	296	$\frac{1}{37}$	$\frac{4}{37}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{296}^8\ \Phi_{37}^8\ \Phi_8^9\ \Phi_1^9$
102228	1485	680	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{680}^4\ \Phi_{170}^2\ \Phi_{136}^2\ \Phi_{85}^2\ \Phi_{40}^2\ \Phi_{34}\ \Phi_{17}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
102229	1485	296	$\frac{5}{148}$	$\frac{13}{148}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{296}^8\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
102230	1485	168	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^{16}\ \Phi_{84}^{4}\ \Phi_{56}^{12}\ \Phi_{42}^{4}\ \Phi_{28}^{3}\ \Phi_{24}^{12}\ \Phi_{21}^{4}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{9}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102231	1485	208	$\frac{5}{104}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{208}^{8}\ \Phi_{104}^{7}\ \Phi_{52}^{7}\ \Phi_{26}^{7}\ \Phi_{16}^{3}\ \Phi_{13}^{7}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102232	1485	56	$\frac{1}{56}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{56}^{27}\ \Phi_{28}^{27}\ \Phi_{14}^{24}\ \Phi_{8}^{27}\ \Phi_{7}^{26}\ \Phi_{4}^{27}\ \Phi_{2}^{24}\ \Phi_{1}^{27}$
102233	1485	84	$\frac{1}{28}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{84}^{13}\ \Phi_{42}^{14}\ \Phi_{28}^{26}\ \Phi_{21}^{14}\ \Phi_{14}^{26}\ \Phi_{12}^{13}\ \Phi_{7}^{26}\ \Phi_{6}^{14}\ \Phi_{4}^{26}\ \Phi_{3}^{14}\ \Phi_{2}^{26}\ \Phi_{1}^{27}$
102234	1485	400	$\frac{1}{25}$	$\frac{1}{16}$	$\frac{8}{25}$	$\frac{17}{50}$	$\Phi_{400}^{4}\ \Phi_{200}^{4}\ \Phi_{100}^{4}\ \Phi_{80}^{4}\ \Phi_{50}^{4}\ \Phi_{40}^{4}\ \Phi_{25}^{3}\ \Phi_{20}^{4}\ \Phi_{16}^{3}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
102235	1485	204	$\frac{1}{34}$	$\frac{1}{12}$	$\frac{11}{34}$	$\frac{23}{68}$	$\Phi_{204}^{8}\ \Phi_{102}^{8}\ \Phi_{68}^{5}\ \Phi_{51}^{8}\ \Phi_{34}^{7}\ \Phi_{17}^{7}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{4}^{4}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
102236	1485	212	$\frac{1}{106}$	$\frac{47}{212}$	$\frac{35}{106}$	$\frac{71}{212}$	$\Phi_{212}^{6}\ \Phi_{106}^{8}\ \Phi_{53}^{8}\ \Phi_{4}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
102237	1485	248	$\frac{1}{124}$	$\frac{1}{4}$	$\frac{41}{124}$	$\frac{83}{248}$	$\Phi_{248}^{9}\ \Phi_{124}^{3}\ \Phi_{62}^{3}\ \Phi_{31}^{3}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102238	1485	741	$\frac{2}{57}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{741}^{2}\ \Phi_{247}^{2}\ \Phi_{57}^{3}\ \Phi_{19}^{3}\ \Phi_{13}^{2}\ \Phi_{1}^{3}$
102239	1485	1140	$\frac{2}{57}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}^{2}\ \Phi_{570}\ \Phi_{380}^{2}\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}\ \Phi_{57}\ \Phi_{20}^{2}\ \Phi_{19}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
102240	1485	164	$\frac{1}{82}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{27}{82}$	$\Phi_{164}^{8}\ \Phi_{82}^{10}\ \Phi_{41}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
102241	1485	371	$\frac{5}{371}$	$\frac{83}{371}$	$\frac{96}{371}$	$\frac{122}{371}$	$\Phi_{371}^{4}\ \Phi_{53}^{4}\ \Phi_{7}^{4}\ \Phi_{1}^{5}$
102242	1485	496	$\frac{7}{496}$	$\frac{111}{496}$	$\frac{1}{4}$	$\frac{163}{496}$	$\Phi_{496}^{3}\ \Phi_{248}^{3}\ \Phi_{124}^{3}\ \Phi_{62}^{3}\ \Phi_{31}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102243	1485	1005	$\frac{1}{67}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{22}{67}$	$\Phi_{1005}^{2}\ \Phi_{201}^{2}\ \Phi_{67}^{2}\ \Phi_{15}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
102244	1485	736	$\frac{13}{736}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{241}{736}$	$\Phi_{736}^{2}\ \Phi_{368}^{2}\ \Phi_{184}^{2}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{32}^{2}\ \Phi_{23}^{2}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102245	1485	49	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{16}{49}$	$\Phi_{49}^{30}\ \Phi_{7}^{32}\ \Phi_{1}^{33}$
102246	1485	588	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{16}{49}$	$\Phi_{588}^{4}\ \Phi_{294}^{2}\ \Phi_{196}^{2}\ \Phi_{147}^{2}\ \Phi_{84}^{4}\ \Phi_{49}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{12}^{6}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
102247	1485	371	$\frac{8}{371}$	$\frac{50}{371}$	$\frac{107}{371}$	$\frac{121}{371}$	$\Phi_{371}^{4}\ \Phi_{53}^{4}\ \Phi_{7}^{4}\ \Phi_{1}^{5}$
102248	1485	894	$\frac{7}{298}$	$\frac{1}{6}$	$\frac{67}{298}$	$\frac{97}{298}$	$\Phi_{894}^{2}\ \Phi_{447}^{2}\ \Phi_{298}\ \Phi_{149}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
102249	1485	742	$\frac{19}{742}$	$\frac{115}{742}$	$\frac{167}{742}$	$\frac{241}{742}$	$\Phi_{742}^{2}\ \Phi_{371}^{2}\ \Phi_{106}^{2}\ \Phi_{53}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102250	1485	496	$\frac{13}{496}$	$\frac{67}{496}$	$\frac{1}{4}$	$\frac{161}{496}$	$\Phi_{496}^{3}\ \Phi_{248}^{3}\ \Phi_{124}^{3}\ \Phi_{62}^{3}\ \Phi_{31}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102251	1485	124	$\frac{1}{31}$	$\frac{7}{62}$	$\frac{1}{4}$	$\frac{10}{31}$	$\Phi_{124}^{16}\ \Phi_{62}^{7}\ \Phi_{31}^{9}\ \Phi_{4}^{15}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
102252	1485	1053	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{26}{81}$	$\Phi_{1053}^{2}\ \Phi_{81}^{3}\ \Phi_{13}^{2}\ \Phi_{1}^{3}$
102253	1485	1620	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{26}{81}$	$\Phi_{1620}^{2}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}\ \Phi_{81}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
102254	1485	176	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{7}{22}$	$\Phi_{176}^{8}\ \Phi_{88}^{8}\ \Phi_{44}^{8}\ \Phi_{22}^{10}\ \Phi_{16}^{10}\ \Phi_{11}^{10}\ \Phi_{8}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
102255	1485	132	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{7}{22}$	$\Phi_{132}^{12}\ \Phi_{66}^{12}\ \Phi_{44}^{8}\ \Phi_{33}^{12}\ \Phi_{22}^{10}\ \Phi_{12}^{15}\ \Phi_{11}^{10}\ \Phi_{6}^{15}\ \Phi_{4}^{10}\ \Phi_{3}^{15}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
102256	1485	440	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{7}{22}$	$\Phi_{440}^{4}\ \Phi_{220}^{4}\ \Phi_{110}^{4}\ \Phi_{55}^{4}\ \Phi_{40}^{5}\ \Phi_{22}^{2}\ \Phi_{20}^{5}\ \Phi_{11}^{2}\ \Phi_{10}^{5}\ \Phi_{5}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102257	1485	371	$\frac{17}{371}$	$\frac{23}{371}$	$\frac{116}{371}$	$\frac{118}{371}$	$\Phi_{371}^{4}\ \Phi_{53}^{4}\ \Phi_{7}^{4}\ \Phi_{1}^{5}$
102258	1485	408	$\frac{7}{136}$	$\frac{1}{12}$	$\frac{31}{136}$	$\frac{43}{136}$	$\Phi_{408}^{4}\ \Phi_{204}^{4}\ \Phi_{136}^{3}\ \Phi_{102}^{4}\ \Phi_{68}^{3}\ \Phi_{51}^{4}\ \Phi_{34}^{3}\ \Phi_{24}^{4}\ \Phi_{17}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102259	1485	371	$\frac{23}{371}$	$\frac{26}{371}$	$\frac{85}{371}$	$\frac{116}{371}$	$\Phi_{371}^{4}\ \Phi_{53}^{4}\ \Phi_{7}^{4}\ \Phi_{1}^{5}$
102260	1485	16	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{16}^{93}\ \Phi_{8}^{93}\ \Phi_{4}^{92}\ \Phi_{2}^{92}\ \Phi_{1}^{93}$
102261	1485	176	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{16}$	$\Phi_{176}^{8}\ \Phi_{88}^{8}\ \Phi_{44}^{8}\ \Phi_{22}^{8}\ \Phi_{16}^{10}\ \Phi_{11}^{12}\ \Phi_{8}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{15}$
102262	1485	240	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{16}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}^{4}\ \Phi_{60}^{8}\ \Phi_{48}^{4}\ \Phi_{40}^{4}\ \Phi_{30}^{10}\ \Phi_{24}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{2}\ \Phi_{15}^{10}\ \Phi_{12}^{4}\ \Phi_{10}^{5}\ \Phi_{8}^{2}\ \Phi_{6}^{5}\ \Phi_{5}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102263	1485	400	$\frac{1}{16}$	$\frac{7}{100}$	$\frac{23}{100}$	$\frac{31}{100}$	$\Phi_{400}^{4}\ \Phi_{200}^{4}\ \Phi_{100}^{3}\ \Phi_{80}^{4}\ \Phi_{50}^{3}\ \Phi_{40}^{4}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102264	1485	742	$\frac{55}{742}$	$\frac{57}{742}$	$\frac{137}{742}$	$\frac{229}{742}$	$\Phi_{742}^{2}\ \Phi_{371}^{2}\ \Phi_{106}^{2}\ \Phi_{53}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102265	1485	936	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{17}{72}$	$\frac{4}{13}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{312}^{2}\ \Phi_{156}^{2}\ \Phi_{104}^{2}\ \Phi_{72}^{3}\ \Phi_{52}^{2}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{13}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
102266	1485	351	$\frac{2}{27}$	$\frac{1}{13}$	$\frac{5}{27}$	$\frac{4}{13}$	$\Phi_{351}^{4}\ \Phi_{117}^{4}\ \Phi_{39}^{4}\ \Phi_{27}^{6}\ \Phi_{13}^{6}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{9}$
102267	1485	156	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{4}{13}$	$\Phi_{156}^{10}\ \Phi_{78}^{8}\ \Phi_{52}^{10}\ \Phi_{39}^{8}\ \Phi_{26}^{8}\ \Phi_{13}^{10}\ \Phi_{12}^{15}\ \Phi_{6}^{12}\ \Phi_{4}^{15}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{15}$
102268	1485	819	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{4}{13}$	$\Phi_{819}^{2}\ \Phi_{273}^{2}\ \Phi_{91}^{2}\ \Phi_{63}^{3}\ \Phi_{21}^{3}\ \Phi_{13}^{2}\ \Phi_{7}^{3}\ \Phi_{1}^{3}$
102269	1485	830	$\frac{13}{166}$	$\frac{1}{10}$	$\frac{23}{166}$	$\frac{51}{166}$	$\Phi_{830}^{2}\ \Phi_{415}^{2}\ \Phi_{166}\ \Phi_{83}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
102270	1485	742	$\frac{61}{742}$	$\frac{71}{742}$	$\frac{103}{742}$	$\frac{227}{742}$	$\Phi_{742}^{2}\ \Phi_{371}^{2}\ \Phi_{106}^{2}\ \Phi_{53}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102271	1485	894	$\frac{23}{298}$	$\frac{25}{298}$	$\frac{1}{6}$	$\frac{91}{298}$	$\Phi_{894}^{2}\ \Phi_{447}^{2}\ \Phi_{298}\ \Phi_{149}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
102272	1485	371	$\frac{19}{371}$	$\frac{32}{371}$	$\frac{86}{371}$	$\frac{113}{371}$	$\Phi_{371}^{4}\ \Phi_{53}^{4}\ \Phi_{7}^{4}\ \Phi_{1}^{5}$
102273	1485	496	$\frac{23}{496}$	$\frac{43}{496}$	$\frac{1}{4}$	$\frac{151}{496}$	$\Phi_{496}^{3}\ \Phi_{248}^{3}\ \Phi_{124}^{3}\ \Phi_{62}^{3}\ \Phi_{31}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102274	1485	742	$\frac{47}{742}$	$\frac{67}{742}$	$\frac{139}{742}$	$\frac{225}{742}$	$\Phi_{742}^{2}\ \Phi_{371}^{2}\ \Phi_{106}^{2}\ \Phi_{53}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102275	1485	408	$\frac{1}{12}$	$\frac{13}{136}$	$\frac{19}{136}$	$\frac{41}{136}$	$\Phi_{408}^{4}\ \Phi_{204}^{4}\ \Phi_{136}^{3}\ \Phi_{102}^{4}\ \Phi_{68}^{3}\ \Phi_{51}^{4}\ \Phi_{34}^{3}\ \Phi_{24}^{4}\ \Phi_{17}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102276	1485	80	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{80}^{20}\ \Phi_{40}^{17}\ \Phi_{20}^{17}\ \Phi_{16}^{19}\ \Phi_{10}^{19}\ \Phi_{8}^{16}\ \Phi_{5}^{19}\ \Phi_{4}^{16}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
102277	1485	371	$\frac{29}{371}$	$\frac{38}{371}$	$\frac{52}{371}$	$\frac{111}{371}$	$\Phi_{371}^{4}\ \Phi_{53}^{4}\ \Phi_{7}^{4}\ \Phi_{1}^{5}$
102278	1485	894	$\frac{19}{298}$	$\frac{31}{298}$	$\frac{1}{6}$	$\frac{89}{298}$	$\Phi_{894}^{2}\ \Phi_{447}^{2}\ \Phi_{298}\ \Phi_{149}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
102279	1485	192	$\frac{1}{12}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{19}{64}$	$\Phi_{192}^{8}\ \Phi_{96}^{8}\ \Phi_{64}^{6}\ \Phi_{48}^{8}\ \Phi_{32}^{6}\ \Phi_{24}^{12}\ \Phi_{16}^{6}\ \Phi_{12}^{11}\ \Phi_{8}^{9}\ \Phi_{6}^{11}\ \Phi_{4}^{8}\ \Phi_{3}^{11}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
102280	1485	106	$\frac{7}{106}$	$\frac{13}{106}$	$\frac{15}{106}$	$\frac{31}{106}$	$\Phi_{106}^{14}\ \Phi_{53}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
102281	1485	504	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{126}^{4}\ \Phi_{72}^{3}\ \Phi_{63}^{4}\ \Phi_{56}^{4}\ \Phi_{36}^{3}\ \Phi_{28}^{3}\ \Phi_{18}^{3}\ \Phi_{14}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102282	1485	476	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{476}^{4}\ \Phi_{238}^{2}\ \Phi_{119}^{2}\ \Phi_{68}^{6}\ \Phi_{34}^{3}\ \Phi_{28}^{2}\ \Phi_{17}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
102283	1485	392	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{95}{392}$	$\frac{2}{7}$	$\Phi_{392}^{5}\ \Phi_{196}^{5}\ \Phi_{56}^{5}\ \Phi_{28}^{5}\ \Phi_{8}^{5}\ \Phi_{7}^{2}\ \Phi_{4}^{5}\ \Phi_{1}^{3}$
102284	1485	28	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{28}^{55}\ \Phi_{14}^{50}\ \Phi_{7}^{52}\ \Phi_{4}^{55}\ \Phi_{2}^{50}\ \Phi_{1}^{53}$
102285	1485	196	$\frac{5}{98}$	$\frac{1}{7}$	$\frac{31}{196}$	$\frac{2}{7}$	$\Phi_{196}^{9}\ \Phi_{98}^{6}\ \Phi_{49}^{6}\ \Phi_{28}^{9}\ \Phi_{14}^{6}\ \Phi_{7}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
102286	1485	35	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{35}^{45}\ \Phi_{7}^{32}\ \Phi_{5}^{45}\ \Phi_{1}^{33}$
102287	1485	343	$\frac{3}{49}$	$\frac{46}{343}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{343}^{5}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
102288	1485	112	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{112}^{15}\ \Phi_{56}^{15}\ \Phi_{28}^{15}\ \Phi_{16}^{15}\ \Phi_{8}^{15}\ \Phi_{7}^{2}\ \Phi_{4}^{15}\ \Phi_{1}^{3}$
102289	1485	49	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{49}^{30}\ \Phi_{7}^{32}\ \Phi_{1}^{33}$
102290	1485	420	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{6}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{6}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{20}^{6}\ \Phi_{15}^{6}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
102291	1485	782	$\frac{1}{34}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{782}^{2}\ \Phi_{391}^{2}\ \Phi_{46}\ \Phi_{34}\ \Phi_{23}\ \Phi_{17}\ \Phi_{1}$
102292	1485	106	$\frac{7}{106}$	$\frac{11}{106}$	$\frac{19}{106}$	$\frac{29}{106}$	$\Phi_{106}^{14}\ \Phi_{53}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
102293	1485	371	$\frac{30}{371}$	$\frac{31}{371}$	$\frac{68}{371}$	$\frac{101}{371}$	$\Phi_{371}^{4}\ \Phi_{53}^{4}\ \Phi_{7}^{4}\ \Phi_{1}^{5}$
102294	1485	408	$\frac{11}{136}$	$\frac{1}{12}$	$\frac{25}{136}$	$\frac{37}{136}$	$\Phi_{408}^{4}\ \Phi_{204}^{4}\ \Phi_{136}^{3}\ \Phi_{102}^{4}\ \Phi_{68}^{3}\ \Phi_{51}^{4}\ \Phi_{34}^{3}\ \Phi_{24}^{4}\ \Phi_{17}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102295	1485	830	$\frac{11}{166}$	$\frac{1}{10}$	$\frac{31}{166}$	$\frac{45}{166}$	$\Phi_{830}^{2}\ \Phi_{415}^{2}\ \Phi_{166}\ \Phi_{83}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
102296	1485	742	$\frac{17}{742}$	$\frac{145}{742}$	$\frac{181}{742}$	$\frac{199}{742}$	$\Phi_{742}^{2}\ \Phi_{371}^{2}\ \Phi_{106}^{2}\ \Phi_{53}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102297	1485	496	$\frac{11}{496}$	$\frac{97}{496}$	$\frac{1}{4}$	$\frac{133}{496}$	$\Phi_{496}^{3}\ \Phi_{248}^{3}\ \Phi_{124}^{3}\ \Phi_{62}^{3}\ \Phi_{31}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102298	1485	1380	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1380}^{2}\ \Phi_{690}\ \Phi_{345}\ \Phi_{276}^{2}\ \Phi_{138}\ \Phi_{92}^{2}\ \Phi_{69}\ \Phi_{60}\ \Phi_{46}\ \Phi_{23}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
102299	1485	1005	$\frac{2}{67}$	$\frac{13}{67}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1005}^{2}\ \Phi_{201}^{2}\ \Phi_{67}^{2}\ \Phi_{15}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
102300	1485	420	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{4}\ \Phi_{105}^{3}\ \Phi_{84}^{5}\ \Phi_{70}^{4}\ \Phi_{60}^{3}\ \Phi_{42}^{5}\ \Phi_{35}^{4}\ \Phi_{30}\ \Phi_{28}^{5}\ \Phi_{21}^{5}\ \Phi_{20}^{4}\ \Phi_{15}^{2}\ \Phi_{14}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_{7}^{5}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{5}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102301	1485	1005	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1005}^{2}\ \Phi_{201}^{2}\ \Phi_{67}^{2}\ \Phi_{15}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
102302	1485	240	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{240}^{9}\ \Phi_{120}^{9}\ \Phi_{80}^{2}\ \Phi_{60}^{9}\ \Phi_{48}^{9}\ \Phi_{40}^{2}\ \Phi_{30}^{4}\ \Phi_{24}^{9}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{15}^{5}\ \Phi_{12}^{9}$ $\Phi_{10}\ \Phi_{8}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^{5}\ \Phi_{1}$
102303	1485	224	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{47}{224}$	$\frac{59}{224}$	$\Phi_{224}^{6}\ \Phi_{112}^{6}\ \Phi_{56}^{9}\ \Phi_{32}^{6}\ \Phi_{28}^{8}\ \Phi_{16}^{6}\ \Phi_{14}^{8}\ \Phi_{8}^{9}\ \Phi_{7}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
102304	1485	56	$\frac{1}{56}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{56}^{27}\ \Phi_{28}^{27}\ \Phi_{14}^{27}\ \Phi_{8}^{27}\ \Phi_{7}^{27}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
102305	1485	656	$\frac{3}{164}$	$\frac{161}{656}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{656}^{3}\ \Phi_{328}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102306	1485	164	$\frac{1}{41}$	$\frac{8}{41}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{164}^{8}\ \Phi_{82}^{8}\ \Phi_{41}^{12}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{15}$
102307	1485	204	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{204}^{8}\ \Phi_{102}^{10}\ \Phi_{68}^{4}\ \Phi_{51}^{10}\ \Phi_{34}^{5}\ \Phi_{17}^{5}\ \Phi_{12}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102308	1485	164	$\frac{5}{82}$	$\frac{7}{82}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{164}^{8}\ \Phi_{82}^{10}\ \Phi_{41}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
102309	1485	48	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{48}^{36}\ \Phi_{24}^{36}\ \Phi_{16}^{27}\ \Phi_{12}^{27}\ \Phi_{8}^{27}\ \Phi_{6}^{27}\ \Phi_{4}^{20}\ \Phi_{3}^{27}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
102310	1485	360	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{17}{72}$	$\frac{1}{4}$	$\Phi_{360}^{6}\ \Phi_{180}^{2}\ \Phi_{120}^{6}\ \Phi_{90}^{4}\ \Phi_{72}^{3}\ \Phi_{60}^{2}\ \Phi_{45}^{4}\ \Phi_{40}^{6}\ \Phi_{36}\ \Phi_{30}^{4}\ \Phi_{24}^{3}\ \Phi_{20}^{4}$ $\Phi_{18}^{2}\ \Phi_{15}^{4}\ \Phi_{12}\ \Phi_{10}^{5}\ \Phi_{9}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102311	1485	528	$\frac{3}{44}$	$\frac{1}{12}$	$\frac{41}{176}$	$\frac{1}{4}$	$\Phi_{528}^{4}\ \Phi_{264}^{4}\ \Phi_{176}^{3}\ \Phi_{88}^{3}\ \Phi_{48}^{4}\ \Phi_{24}^{4}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}$ Φ_{1}^{3}
102312	1485	128	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{29}{128}$	$\frac{1}{4}$	$\Phi_{128}^{15}\ \Phi_{64}^{15}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102313	1485	512	$\frac{17}{512}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{512}^{3}\ \Phi_{256}^{3}\ \Phi_{128}^{3}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102314	1485	124	$\frac{1}{31}$	$\frac{6}{31}$	$\frac{25}{124}$	$\frac{1}{4}$	$\Phi_{124}^{11}\ \Phi_{62}^{11}\ \Phi_{31}^{15}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{15}$
102315	1485	368	$\frac{13}{368}$	$\frac{3}{16}$	$\frac{71}{368}$	$\frac{1}{4}$	$\Phi_{368}^{4}\ \Phi_{184}^{4}\ \Phi_{92}^{4}\ \Phi_{46}^{4}\ \Phi_{23}^{4}\ \Phi_{16}^{5}\ \Phi_{8}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
102316	1485	112	$\frac{1}{16}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{112}^{15}\ \Phi_{56}^{15}\ \Phi_{28}^{15}\ \Phi_{16}^{3}\ \Phi_{14}^{15}\ \Phi_{8}^{3}\ \Phi_{7}^{15}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102317	1485	540	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{5}{27}$	$\frac{1}{4}$	$\Phi_{540}^{4}\ \Phi_{270}^{2}\ \Phi_{180}^{4}\ \Phi_{135}^{2}\ \Phi_{108}^{2}\ \Phi_{90}^{2}\ \Phi_{60}^{4}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{27}^{2}\ \Phi_{20}^{6}$ $\Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
102318	1485	496	$\frac{41}{496}$	$\frac{45}{496}$	$\frac{91}{496}$	$\frac{1}{4}$	$\Phi_{496}^{3}\ \Phi_{248}^{3}\ \Phi_{124}^{3}\ \Phi_{62}^{3}\ \Phi_{31}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102319	1485	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{4}$	$\Phi_{132}^{12}\ \Phi_{66}^{12}\ \Phi_{44}^{8}\ \Phi_{33}^{12}\ \Phi_{22}^{8}\ \Phi_{12}^{15}\ \Phi_{11}^{12}\ \Phi_{6}^{15}\ \Phi_{4}^{10}\ \Phi_{3}^{15}\ \Phi_{2}^{10}\ \Phi_{1}^{15}$
102320	1485	496	$\frac{37}{496}$	$\frac{51}{496}$	$\frac{89}{496}$	$\frac{1}{4}$	$\Phi_{496}^{3}\ \Phi_{248}^{3}\ \Phi_{124}^{3}\ \Phi_{62}^{3}\ \Phi_{31}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102321	1485	80	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{80}^{24}\ \Phi_{40}^{21}\ \Phi_{20}^{21}\ \Phi_{16}^{3}\ \Phi_{10}^{21}\ \Phi_{8}^{3}\ \Phi_{5}^{21}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102322	1485	420	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{420}^{6}\ \Phi_{210}^{3}\ \Phi_{140}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{4}\ \Phi_{60}^{6}\ \Phi_{42}^{2}\ \Phi_{35}^{3}\ \Phi_{30}^{3}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{20}^{3}$ $\Phi_{15}^{3}\ \Phi_{12}^{6}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
102323	1485	336	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{336}^{6}\ \Phi_{168}^{6}\ \Phi_{112}^{3}\ \Phi_{84}^{2}\ \Phi_{56}^{3}\ \Phi_{48}^{6}\ \Phi_{42}^{4}\ \Phi_{28}\ \Phi_{24}^{6}\ \Phi_{21}^{4}\ \Phi_{16}^{3}\ \Phi_{14}^{2}$ $\Phi_{12}^{4}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102324	1485	588	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{588}^{4}\ \Phi_{294}^{2}\ \Phi_{196}^{2}\ \Phi_{147}^{2}\ \Phi_{84}^{4}\ \Phi_{49}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{12}^{6}\ \Phi_{7}^{2}\ \Phi_{6}^{3}$ $\Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
102325	1485	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{60}^{26}\ \Phi_{30}^{28}\ \Phi_{20}^{28}\ \Phi_{15}^{28}\ \Phi_{12}^{13}\ \Phi_{10}^{29}\ \Phi_{6}^{14}\ \Phi_{5}^{29}\ \Phi_{4}^{14}\ \Phi_{3}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
102326	1485	64	$\frac{1}{16}$	$\frac{9}{64}$	$\frac{5}{32}$	$\frac{1}{4}$	$\Phi_{64}^{27}\ \Phi_{32}^{18}\ \Phi_{16}^{21}\ \Phi_{8}^{21}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
102327	1485	124	$\frac{3}{31}$	$\frac{7}{62}$	$\frac{4}{31}$	$\frac{1}{4}$	$\Phi_{124}^{16}\ \Phi_{62}^{7}\ \Phi_{31}^{9}\ \Phi_{4}^{15}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
102328	1485	1260	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{4}$	$\Phi_{1260}^{2}\ \Phi_{630}\ \Phi_{420}^{2}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}^{2}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}$ $\Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
102329	1485	96	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{7}{32}$	$\Phi_{96}^{16}\ \Phi_{48}^{16}\ \Phi_{32}^{12}\ \Phi_{24}^{20}\ \Phi_{16}^{12}\ \Phi_{12}^{19}\ \Phi_{8}^{15}\ \Phi_{6}^{19}\ \Phi_{4}^{14}\ \Phi_{3}^{19}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
102330	1485	280	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{280}^{7}\ \Phi_{140}^{7}\ \Phi_{56}^{5}\ \Phi_{40}^{7}\ \Phi_{35}^{3}\ \Phi_{28}^{5}\ \Phi_{20}^{7}\ \Phi_{8}^{5}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{5}\ \Phi_{1}^{3}$
102331	1485	204	$\frac{1}{12}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{34}$	$\Phi_{204}^{8}\ \Phi_{102}^{8}\ \Phi_{68}^{8}\ \Phi_{51}^{8}\ \Phi_{34}^{3}\ \Phi_{17}^{5}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{4}^{7}\ \Phi_{3}^{7}\ \Phi_{2}^{5}\ \Phi_{1}^{5}$
102332	1485	440	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{2}{11}$	$\Phi_{440}^{4}\ \Phi_{220}^{4}\ \Phi_{110}^{4}\ \Phi_{55}^{4}\ \Phi_{40}^{5}\ \Phi_{20}^{5}\ \Phi_{11}^{4}\ \Phi_{10}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{5}$
102333	1485	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{40}$	$\Phi_{120}^{14}\ \Phi_{60}^{14}\ \Phi_{40}^{7}\ \Phi_{30}^{16}\ \Phi_{24}^{16}\ \Phi_{20}^{7}\ \Phi_{15}^{16}\ \Phi_{12}^{16}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{6}^{17}\ \Phi_{5}^{8}\ \Phi_{4}^{8}$ $\Phi_{3}^{17}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
102334	1486	1482	$\frac{2}{741}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{739}{1482}$	$\Phi_{1482}^{2}\ \Phi_{494}^{2}\ \Phi_{114}^{2}\ \Phi_{78}^{2}\ \Phi_{38}^{2}\ \Phi_{26}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
102335	1486	1188	$\frac{1}{297}$	$\frac{149}{594}$	$\frac{445}{1188}$	$\frac{148}{297}$	$\Phi_{1188}^{2}\ \Phi_{396}^{2}\ \Phi_{297}\ \Phi_{132}^{2}\ \Phi_{108}^{2}\ \Phi_{99}\ \Phi_{44}^{2}\ \Phi_{36}^{2}\ \Phi_{33}\ \Phi_{27}\ \Phi_{12}^{2}$ $\Phi_{11}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
102336	1486	2976	$\frac{1}{248}$	$\frac{249}{992}$	$\frac{1}{3}$	$\frac{247}{496}$	$\Phi_{2976}\ \Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{96}\ \Phi_{93}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
102337	1486	1480	$\frac{3}{740}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{737}{1480}$	$\Phi_{1480}^2\ \Phi_{296}^2\ \Phi_{40}^2\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{1}^2$
102338	1486	4440	$\frac{3}{740}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{737}{1480}$	$\Phi_{4440}\ \Phi_{888}\ \Phi_{120}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
102339	1486	1320	$\frac{1}{165}$	$\frac{83}{660}$	$\frac{577}{1320}$	$\frac{82}{165}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{165}\ \Phi_{120}^2\ \Phi_{88}^2\ \Phi_{55}\ \Phi_{40}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{11}\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
102340	1486	990	$\frac{1}{165}$	$\frac{247}{990}$	$\frac{83}{330}$	$\frac{82}{165}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
102341	1486	1476	$\frac{5}{738}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{733}{1476}$	$\Phi_{1476}^2\ \Phi_{492}^2\ \Phi_{164}^2\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
102342	1486	1476	$\frac{5}{738}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{733}{1476}$	$\Phi_{1476}^2\ \Phi_{492}^2\ \Phi_{164}^2\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
102343	1486	1350	$\frac{1}{135}$	$\frac{68}{675}$	$\frac{607}{1350}$	$\frac{67}{135}$	$\Phi_{1350}^2\ \Phi_{450}^2\ \Phi_{270}^2\ \Phi_{150}^2\ \Phi_{135}\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{50}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{9}\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
102344	1486	1474	$\frac{6}{737}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{731}{1474}$	$\Phi_{1474}^2\ \Phi_{134}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{2}^2\ \Phi_{1}^2$
102345	1486	4416	$\frac{7}{736}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{729}{1472}$	$\Phi_{4416}\ \Phi_{192}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
102346	1486	1386	$\frac{1}{99}$	$\frac{50}{693}$	$\frac{643}{1386}$	$\frac{49}{99}$	$\Phi_{1386}^2\ \Phi_{462}^2\ \Phi_{198}^2\ \Phi_{154}^2\ \Phi_{126}^2\ \Phi_{99}\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
102347	1486	1470	$\frac{8}{735}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{727}{1470}$	$\Phi_{1470}^2\ \Phi_{490}^2\ \Phi_{294}^2\ \Phi_{210}^2\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
102348	1486	1464	$\frac{11}{732}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{721}{1464}$	$\Phi_{1464}^2\ \Phi_{488}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
102349	1486	1430	$\frac{1}{55}$	$\frac{28}{715}$	$\frac{687}{1430}$	$\frac{27}{55}$	$\Phi_{1430}^2\ \Phi_{286}^2\ \Phi_{130}^2\ \Phi_{110}^2\ \Phi_{55}\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_{5}\ \Phi_{2}^2\ \Phi_{1}^2$
102350	1486	1458	$\frac{14}{729}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{715}{1458}$	$\Phi_{1458}^2\ \Phi_{486}^2\ \Phi_{162}^2\ \Phi_{54}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{9}\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
102351	1486	1440	$\frac{1}{45}$	$\frac{23}{720}$	$\frac{697}{1440}$	$\frac{22}{45}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{45}\ \Phi_{32}^2\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
102352	1486	1080	$\frac{1}{45}$	$\frac{23}{360}$	$\frac{337}{1080}$	$\frac{22}{45}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
102353	1486	810	$\frac{1}{45}$	$\frac{67}{810}$	$\frac{23}{90}$	$\frac{22}{45}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
102354	1486	900	$\frac{1}{45}$	$\frac{23}{180}$	$\frac{157}{900}$	$\frac{22}{45}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{45}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
102355	1486	1452	$\frac{17}{726}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{709}{1452}$	$\Phi_{1452}^2\ \Phi_{484}^2\ \Phi_{132}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
102356	1486	1452	$\frac{17}{726}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{709}{1452}$	$\Phi_{1452}^2\ \Phi_{484}^2\ \Phi_{132}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
102357	1486	1089	$\frac{1}{33}$	$\frac{17}{363}$	$\frac{346}{1089}$	$\frac{16}{33}$	$\Phi_{1089}^2\ \Phi_{99}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
102358	1486	792	$\frac{1}{33}$	$\frac{49}{792}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
102359	1486	1440	$\frac{23}{720}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{697}{1440}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
102360	1486	1440	$\frac{23}{720}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{697}{1440}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
102361	1486	972	$\frac{1}{27}$	$\frac{14}{243}$	$\frac{229}{972}$	$\frac{13}{27}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
102362	1486	810	$\frac{1}{27}$	$\frac{67}{810}$	$\frac{14}{81}$	$\frac{13}{27}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{9}\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
102363	1486	768	$\frac{25}{768}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
102364	1486	4278	$\frac{1}{31}$	$\frac{30}{713}$	$\frac{1}{3}$	$\frac{683}{1426}$	$\Phi_{4278}\ \Phi_{186}\ \Phi_{138}\ \Phi_{93}\ \Phi_{6}$
102365	1486	1425	$\frac{61}{1425}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{682}{1425}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{285}\ \Phi_{95}\ \Phi_{75}^2\ \Phi_{57}\ \Phi_{25}^2\ \Phi_{19}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
102366	1486	900	$\frac{7}{150}$	$\frac{1}{15}$	$\frac{157}{900}$	$\frac{143}{300}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
102367	1486	1408	$\frac{39}{704}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{665}{1408}$	$\Phi_{1408}^2\ \Phi_{128}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
102368	1486	1404	$\frac{1}{27}$	$\frac{41}{702}$	$\frac{13}{54}$	$\frac{661}{1404}$	$\Phi_{1404}^2\ \Phi_{468}^2\ \Phi_{156}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{52}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
102369	1486	1395	$\frac{2}{93}$	$\frac{91}{1395}$	$\frac{1}{3}$	$\frac{652}{1395}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}\ \Phi_{155}\ \Phi_{93}^2\ \Phi_{45}\ \Phi_{31}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
102370	1486	840	$\frac{1}{15}$	$\frac{8}{105}$	$\frac{97}{840}$	$\frac{7}{15}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102371	1486	4092	$\frac{1}{62}$	$\frac{61}{682}$	$\frac{1}{3}$	$\frac{621}{1364}$	$\Phi_{4092}\ \Phi_{372}\ \Phi_{186}\ \Phi_{132}\ \Phi_{93}\ \Phi_{12}\ \Phi_6$
102372	1486	1350	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{68}{675}$	$\frac{607}{1350}$	$\Phi_{1350}^2\ \Phi_{450}^2\ \Phi_{270}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{54}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102373	1486	1107	$\frac{5}{369}$	$\frac{1}{9}$	$\frac{364}{1107}$	$\frac{4}{9}$	$\Phi_{1107}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
102374	1486	756	$\frac{13}{756}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
102375	1486	792	$\frac{49}{792}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{88}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{72}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
102376	1486	864	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{121}{864}$	$\frac{95}{216}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102377	1486	1323	$\frac{1}{27}$	$\frac{163}{1323}$	$\frac{26}{189}$	$\frac{580}{1323}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{189}^2\ \Phi_{147}\ \Phi_{63}^2\ \Phi_{49}\ \Phi_{27}\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
102378	1486	2256	$\frac{9}{752}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
102379	1486	1320	$\frac{1}{55}$	$\frac{83}{660}$	$\frac{27}{110}$	$\frac{577}{1320}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{120}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{55}\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
102380	1486	1309	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{177}{1309}$	$\frac{566}{1309}$	$\Phi_{1309}\ \Phi_{187}^2\ \Phi_{119}\ \Phi_{77}\ \Phi_{17}^2\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
102381	1486	1302	$\frac{1}{93}$	$\frac{92}{651}$	$\frac{1}{3}$	$\frac{559}{1302}$	$\Phi_{1302}^2\ \Phi_{434}^2\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{42}^2\ \Phi_{31}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102382	1486	1296	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{95}{648}$	$\frac{553}{1296}$	$\Phi_{1296}^2\ \Phi_{432}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102383	1486	3720	$\frac{1}{124}$	$\frac{123}{620}$	$\frac{1}{3}$	$\frac{497}{1240}$	$\Phi_{3720}\ \Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{120}\ \Phi_{93}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
102384	1486	1110	$\frac{3}{370}$	$\frac{1}{5}$	$\frac{367}{1110}$	$\frac{2}{5}$	$\Phi_{1110}^2\ \Phi_{555}^2\ \Phi_{222}^2\ \Phi_{111}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
102385	1486	750	$\frac{7}{750}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{750}^2\ \Phi_{375}^2\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{125}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
102386	1486	925	$\frac{3}{185}$	$\frac{182}{925}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{925}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
102387	1486	760	$\frac{17}{760}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{760}^2\ \Phi_{380}^2\ \Phi_{190}^2\ \Phi_{152}^2\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{40}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
102388	1486	1215	$\frac{1}{135}$	$\frac{271}{1215}$	$\frac{134}{405}$	$\frac{472}{1215}$	$\Phi_{1215}\ \Phi_{405}^2\ \Phi_{243}\ \Phi_{135}\ \Phi_{81}^2\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
102389	1486	780	$\frac{37}{780}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102390	1486	1200	$\frac{7}{150}$	$\frac{1}{15}$	$\frac{143}{600}$	$\frac{457}{1200}$	$\Phi_{1200}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{150}^2\ \Phi_{80}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102391	1486	880	$\frac{1}{55}$	$\frac{137}{880}$	$\frac{27}{110}$	$\frac{83}{220}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{176}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{80}^2\ \Phi_{55}\ \Phi_{40}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
102392	1486	1080	$\frac{1}{135}$	$\frac{67}{270}$	$\frac{337}{1080}$	$\frac{203}{540}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102393	1486	1188	$\frac{1}{99}$	$\frac{49}{198}$	$\frac{149}{594}$	$\frac{445}{1188}$	$\Phi_{1188}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{99}\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102394	1486	1155	$\frac{1}{55}$	$\frac{54}{385}$	$\frac{331}{1155}$	$\frac{412}{1155}$	$\Phi_{1155}\ \Phi_{385}^2\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}^2\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{33}\ \Phi_{21}\ \Phi_{15}\ \Phi_{11}\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
102395	1486	1134	$\frac{1}{27}$	$\frac{13}{189}$	$\frac{176}{567}$	$\frac{391}{1134}$	$\Phi_{1134}^2\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{162}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102396	1486	1125	$\frac{14}{375}$	$\frac{1}{15}$	$\frac{361}{1125}$	$\frac{382}{1125}$	$\Phi_{1125}\ \Phi_{375}^2\ \Phi_{225}\ \Phi_{125}^2\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
102397	1486	1122	$\frac{5}{187}$	$\frac{1}{11}$	$\frac{182}{561}$	$\frac{379}{1122}$	$\Phi_{1122}^2\ \Phi_{374}^2\ \Phi_{187}^2\ \Phi_{102}^2\ \Phi_{66}^2\ \Phi_{34}^2\ \Phi_{22}^2\ \Phi_{17}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
102398	1486	1116	$\frac{1}{186}$	$\frac{185}{558}$	$\frac{1}{3}$	$\frac{373}{1116}$	$\Phi_{1116}^2\ \Phi_{372}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{36}^2\ \Phi_{31}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102399	1486	798	$\frac{2}{57}$	$\frac{55}{798}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{114}^2\ \Phi_{42}^2\ \Phi_{38}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
102400	1486	780	$\frac{37}{780}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102401	1486	1104	$\frac{7}{368}$	$\frac{1}{8}$	$\frac{361}{1104}$	$\frac{1}{3}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}^2\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{48}\ \Phi_{46}^2\ \Phi_{24}^2\ \Phi_{23}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102402	1486	837	$\frac{2}{93}$	$\frac{94}{837}$	$\frac{91}{279}$	$\frac{1}{3}$	$\Phi_{837}^2\ \Phi_{279}\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
102403	1486	792	$\frac{1}{24}$	$\frac{49}{792}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102404	1486	1080	$\frac{1}{24}$	$\frac{23}{360}$	$\frac{337}{1080}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102405	1486	756	$\frac{13}{756}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102406	1486	888	$\frac{3}{148}$	$\frac{145}{888}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{888}^2\ \Phi_{444}\ \Phi_{296}^2\ \Phi_{222}\ \Phi_{148}^2\ \Phi_{111}\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102407	1486	2280	$\frac{17}{760}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{120}\ \Phi_{114}\ \Phi_{57}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
102408	1486	984	$\frac{5}{246}$	$\frac{1}{6}$	$\frac{241}{984}$	$\frac{1}{3}$	$\Phi_{984}^2\ \Phi_{492}^2\ \Phi_{328}^2\ \Phi_{164}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102409	1486	960	$\frac{1}{24}$	$\frac{23}{240}$	$\frac{217}{960}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102410	1486	768	$\frac{25}{768}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102411	1486	930	$\frac{2}{93}$	$\frac{91}{465}$	$\frac{187}{930}$	$\frac{1}{3}$	$\Phi_{930}^2\ \Phi_{465}\ \Phi_{310}^2\ \Phi_{186}^2\ \Phi_{155}\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102412	1486	2760	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{177}{920}$	$\frac{1}{3}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
102413	1486	840	$\frac{1}{24}$	$\frac{97}{840}$	$\frac{23}{120}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102414	1486	864	$\frac{1}{24}$	$\frac{121}{864}$	$\frac{23}{144}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{54}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102415	1486	1080	$\frac{23}{360}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{337}{1080}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102416	1486	900	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{157}{900}$	$\frac{68}{225}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102417	1486	1056	$\frac{1}{11}$	$\frac{39}{352}$	$\frac{5}{44}$	$\frac{313}{1056}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{96}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
102418	1486	972	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{229}{972}$	$\frac{95}{324}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{243}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102419	1486	792	$\frac{49}{792}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
102420	1486	810	$\frac{1}{15}$	$\frac{67}{810}$	$\frac{7}{30}$	$\frac{23}{90}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102421	1486	990	$\frac{1}{55}$	$\frac{27}{110}$	$\frac{247}{990}$	$\frac{83}{330}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{198}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
102422	1486	960	$\frac{1}{15}$	$\frac{23}{240}$	$\frac{217}{960}$	$\frac{7}{30}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102423	1486	840	$\frac{1}{15}$	$\frac{97}{840}$	$\frac{23}{120}$	$\frac{7}{30}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102424	1486	900	$\frac{1}{15}$	$\frac{23}{180}$	$\frac{157}{900}$	$\frac{7}{30}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102425	1486	968	$\frac{17}{242}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{225}{968}$	$\Phi_{968}^2\ \Phi_{484}^2\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
102426	1486	880	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{137}{880}$	$\frac{39}{176}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{80}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
102427	1488	1113	$\frac{1}{371}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{185}{371}$	$\Phi_{1113}\ \Phi_{371}^2\ \Phi_{159}\ \Phi_{53}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
102428	1488	1487	$\frac{5}{1487}$	$\frac{373}{1487}$	$\frac{557}{1487}$	$\frac{741}{1487}$	$\Phi_{1487}\ \Phi_{1}^{2}$
102429	1488	2235	$\frac{3}{745}$	$\frac{187}{745}$	$\frac{1}{3}$	$\frac{371}{745}$	$\Phi_{2235}\ \Phi_{447}\ \Phi_{15}$
102430	1488	1235	$\frac{1}{247}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{123}{247}$	$\Phi_{1235}\ \Phi_{247}^{2}\ \Phi_{95}\ \Phi_{65}\ \Phi_{19}^{2}\ \Phi_{13}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
102431	1488	2964	$\frac{1}{247}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{123}{247}$	$\Phi_{2964}\ \Phi_{1482}\ \Phi_{228}\ \Phi_{156}\ \Phi_{114}\ \Phi_{78}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
102432	1488	1487	$\frac{7}{1487}$	$\frac{249}{1487}$	$\frac{619}{1487}$	$\frac{740}{1487}$	$\Phi_{1487}\ \Phi_{1}^{2}$
102433	1488	1295	$\frac{1}{185}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{92}{185}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}^{2}\ \Phi_{37}^{2}\ \Phi_{35}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
102434	1488	555	$\frac{1}{185}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{92}{185}$	$\Phi_{555}^{4}\ \Phi_{111}^{4}\ \Phi_{15}^{5}\ \Phi_{3}^{4}$
102435	1488	1988	$\frac{3}{497}$	$\frac{1}{4}$	$\frac{125}{497}$	$\frac{247}{497}$	$\Phi_{1988}\ \Phi_{994}\ \Phi_{284}\ \Phi_{142}\ \Phi_{28}\ \Phi_{14}$
102436	1488	1487	$\frac{9}{1487}$	$\frac{187}{1487}$	$\frac{650}{1487}$	$\frac{739}{1487}$	$\Phi_{1487}\ \Phi_{1}^{2}$
102437	1488	1487	$\frac{9}{1487}$	$\frac{371}{1487}$	$\frac{374}{1487}$	$\frac{739}{1487}$	$\Phi_{1487}\ \Phi_{1}^{2}$
102438	1488	447	$\frac{1}{149}$	$\frac{25}{149}$	$\frac{1}{3}$	$\frac{74}{149}$	$\Phi_{447}^{5}\ \Phi_{3}^{4}$
102439	1488	1865	$\frac{3}{373}$	$\frac{1}{5}$	$\frac{94}{373}$	$\frac{185}{373}$	Φ_{1865}
102440	1488	1353	$\frac{1}{123}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{61}{123}$	$\Phi_{1353}\ \Phi_{451}\ \Phi_{123}^{2}\ \Phi_{41}^{2}\ \Phi_{33}\ \Phi_{11}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
102441	1488	861	$\frac{1}{123}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{61}{123}$	$\Phi_{861}^{2}\ \Phi_{287}^{2}\ \Phi_{21}^{3}\ \Phi_{7}^{2}$
102442	1488	1353	$\frac{1}{123}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{61}{123}$	$\Phi_{1353}\ \Phi_{451}\ \Phi_{123}^{2}\ \Phi_{41}^{2}\ \Phi_{33}\ \Phi_{11}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
102443	1488	2460	$\frac{1}{123}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{61}{123}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{820}\ \Phi_{410}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
102444	1488	1487	$\frac{13}{1487}$	$\frac{125}{1487}$	$\frac{681}{1487}$	$\frac{737}{1487}$	$\Phi_{1487}\ \Phi_{1}^{2}$
102445	1488	1487	$\frac{13}{1487}$	$\frac{278}{1487}$	$\frac{375}{1487}$	$\frac{737}{1487}$	$\Phi_{1487}\ \Phi_{1}^{2}$
102446	1488	2235	$\frac{7}{745}$	$\frac{94}{745}$	$\frac{1}{3}$	$\frac{369}{745}$	$\Phi_{2235}\ \Phi_{447}\ \Phi_{15}$
102447	1488	2760	$\frac{1}{92}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{91}{184}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{184}^{2}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
102448	1488	1656	$\frac{1}{92}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{91}{184}$	$\Phi_{1656}^{2}\ \Phi_{552}\ \Phi_{184}^{2}\ \Phi_{72}^{2}\ \Phi_{24}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
102449	1488	920	$\frac{1}{92}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{91}{184}$	$\Phi_{920}^{3}\ \Phi_{184}^{4}\ \Phi_{40}^{3}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
102450	1488	1487	$\frac{17}{1487}$	$\frac{188}{1487}$	$\frac{433}{1487}$	$\frac{735}{1487}$	$\Phi_{1487}\ \Phi_{1}^{2}$
102451	1488	581	$\frac{1}{83}$	$\frac{1}{7}$	$\frac{21}{83}$	$\frac{41}{83}$	$\Phi_{581}^{3}\ \Phi_{7}^{2}$
102452	1488	980	$\frac{3}{245}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{121}{245}$	$\Phi_{980}^{2}\ \Phi_{490}^{2}\ \Phi_{196}^{2}\ \Phi_{140}^{2}\ \Phi_{98}^{2}\ \Phi_{70}^{2}\ \Phi_{28}^{3}\ \Phi_{20}^{2}\ \Phi_{14}^{3}\ \Phi_{10}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
102453	1488	1487	$\frac{19}{1487}$	$\frac{251}{1487}$	$\frac{309}{1487}$	$\frac{734}{1487}$	$\Phi_{1487}\ \Phi_{1}^{2}$
102454	1488	1865	$\frac{5}{373}$	$\frac{63}{373}$	$\frac{1}{5}$	$\frac{184}{373}$	Φ_{1865}
102455	1488	284	$\frac{1}{71}$	$\frac{9}{71}$	$\frac{1}{4}$	$\frac{35}{71}$	$\Phi_{284}^{7}\ \Phi_{142}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
102456	1488	1487	$\frac{21}{1487}$	$\frac{185}{1487}$	$\frac{377}{1487}$	$\frac{733}{1487}$	$\Phi_{1487}\ \Phi_{1}^{2}$
102457	1488	2235	$\frac{11}{745}$	$\frac{63}{745}$	$\frac{1}{3}$	$\frac{367}{745}$	$\Phi_{2235}\ \Phi_{447}\ \Phi_{15}$
102458	1488	1403	$\frac{1}{61}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{30}{61}$	$\Phi_{1403}\ \Phi_{61}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$
102459	1488	2379	$\frac{1}{61}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{30}{61}$	$\Phi_{2379}\ \Phi_{39}^{2}$
102460	1488	1403	$\frac{1}{61}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{30}{61}$	$\Phi_{1403}\ \Phi_{61}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$
102461	1488	2196	$\frac{1}{61}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{30}{61}$	$\Phi_{2196}\ \Phi_{1098}\ \Phi_{732}\ \Phi_{366}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
102462	1488	1403	$\frac{1}{61}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{30}{61}$	$\Phi_{1403}\ \Phi_{61}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$
102463	1488	2135	$\frac{1}{61}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{30}{61}$	$\Phi_{2135}\ \Phi_{35}^{2}$
102464	1488	1487	$\frac{25}{1487}$	$\frac{63}{1487}$	$\frac{712}{1487}$	$\frac{731}{1487}$	$\Phi_{1487}\ \Phi_{1}^{2}$
102465	1488	2820	$\frac{1}{47}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{23}{47}$	$\Phi_{2820}\ \Phi_{940}\ \Phi_{564}\ \Phi_{188}\ \Phi_{60}^{2}\ \Phi_{47}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
102466	1488	1551	$\frac{1}{47}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{1551}\ \Phi_{517}\ \Phi_{47}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
102467	1488	2115	$\frac{1}{47}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{23}{47}$	$\Phi_{2115}\ \Phi_{423}\ \Phi_{47}\ \Phi_{45}^2\ \Phi_{9}^2\ \Phi_{1}^2$
102468	1488	1880	$\frac{1}{47}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{23}{47}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{376}\ \Phi_{188}\ \Phi_{47}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{1}^2$
102469	1488	1645	$\frac{1}{47}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{23}{47}$	$\Phi_{1645}\ \Phi_{329}\ \Phi_{47}\ \Phi_{35}^2\ \Phi_{7}^2\ \Phi_{1}^2$
102470	1488	1692	$\frac{1}{47}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{23}{47}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{564}\ \Phi_{423}\ \Phi_{188}\ \Phi_{47}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{4}^2\ \Phi_{1}^2$
102471	1488	1487	$\frac{33}{1487}$	$\frac{95}{1487}$	$\frac{464}{1487}$	$\frac{727}{1487}$	$\Phi_{1487}\ \Phi_{1}^2$
102472	1488	1625	$\frac{3}{125}$	$\frac{1}{13}$	$\frac{32}{125}$	$\frac{61}{125}$	$\Phi_{1625}\ \Phi_{325}\ \Phi_{65}$
102473	1488	1487	$\frac{37}{1487}$	$\frac{127}{1487}$	$\frac{340}{1487}$	$\frac{725}{1487}$	$\Phi_{1487}\ \Phi_{1}^2$
102474	1488	1683	$\frac{5}{187}$	$\frac{1}{9}$	$\frac{32}{187}$	$\frac{91}{187}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{153}\ \Phi_{99}\ \Phi_{51}\ \Phi_{33}$
102475	1488	1487	$\frac{41}{1487}$	$\frac{191}{1487}$	$\frac{216}{1487}$	$\frac{723}{1487}$	$\Phi_{1487}\ \Phi_{1}^2$
102476	1488	1743	$\frac{7}{249}$	$\frac{32}{249}$	$\frac{1}{7}$	$\frac{121}{249}$	$\Phi_{1743}\ \Phi_{581}\ \Phi_{21}$
102477	1488	1487	$\frac{43}{1487}$	$\frac{154}{1487}$	$\frac{255}{1487}$	$\frac{722}{1487}$	$\Phi_{1487}\ \Phi_{1}^2$
102478	1488	1865	$\frac{11}{373}$	$\frac{32}{373}$	$\frac{1}{5}$	$\frac{181}{373}$	Φ_{1865}
102479	1488	1988	$\frac{15}{497}$	$\frac{32}{497}$	$\frac{1}{4}$	$\frac{241}{497}$	$\Phi_{1988}\ \Phi_{994}\ \Phi_{284}\ \Phi_{142}\ \Phi_{28}\ \Phi_{14}$
102480	1488	1487	$\frac{45}{1487}$	$\frac{92}{1487}$	$\frac{383}{1487}$	$\frac{721}{1487}$	$\Phi_{1487}\ \Phi_{1}^2$
102481	1488	2235	$\frac{23}{745}$	$\frac{32}{745}$	$\frac{1}{3}$	$\frac{361}{745}$	$\Phi_{2235}\ \Phi_{447}\ \Phi_{15}$
102482	1488	300	$\frac{1}{30}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{300}^{10}\ \Phi_{100}^{10}\ \Phi_{75}\ \Phi_{60}^{8}\ \Phi_{20}^{8}\ \Phi_{15}\ \Phi_{12}^{8}\ \Phi_{4}^{8}$
102483	1488	2820	$\frac{1}{30}$	$\frac{2}{47}$	$\frac{15}{47}$	$\frac{29}{60}$	$\Phi_{2820}\ \Phi_{940}\ \Phi_{564}\ \Phi_{188}\ \Phi_{60}^2\ \Phi_{47}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
102484	1488	1020	$\frac{1}{30}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{1020}\ \Phi_{510}^2\ \Phi_{340}\ \Phi_{255}^2\ \Phi_{204}\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}^3\ \Phi_{17}^2$
102485	1488	2820	$\frac{1}{30}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{29}{60}$	$\Phi_{2820}\ \Phi_{940}\ \Phi_{564}\ \Phi_{188}\ \Phi_{60}^2\ \Phi_{47}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
102486	1488	780	$\frac{1}{30}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{29}{60}$	$\Phi_{780}^4\ \Phi_{260}^4\ \Phi_{156}^4\ \Phi_{65}\ \Phi_{52}^4$
102487	1488	2820	$\frac{1}{30}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{29}{60}$	$\Phi_{2820}\ \Phi_{940}\ \Phi_{564}\ \Phi_{188}\ \Phi_{60}^2\ \Phi_{47}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
102488	1488	1260	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{29}{60}$	$\Phi_{1260}^3\ \Phi_{420}^2\ \Phi_{252}^3\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{28}^2\ \Phi_{21}$
102489	1488	975	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{13}{75}$	$\frac{12}{25}$	$\Phi_{975}^2\ \Phi_{325}\ \Phi_{195}^2\ \Phi_{65}\ \Phi_{39}^2$
102490	1488	2208	$\frac{1}{32}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
102491	1488	1050	$\frac{1}{25}$	$\frac{1}{21}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{1050}^2\ \Phi_{525}\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}\ \Phi_{150}^2\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
102492	1488	1584	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{83}{176}$	$\Phi_{1584}^2\ \Phi_{528}^2\ \Phi_{144}^2\ \Phi_{99}\ \Phi_{48}^2\ \Phi_{33}$
102493	1488	306	$\frac{1}{17}$	$\frac{3}{34}$	$\frac{1}{9}$	$\frac{8}{17}$	$\Phi_{306}^6\ \Phi_{153}^5\ \Phi_{102}^6\ \Phi_{51}^5\ \Phi_{18}^6\ \Phi_{9}^4\ \Phi_{6}^6\ \Phi_{3}^4$
102494	1488	1568	$\frac{1}{32}$	$\frac{3}{49}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{224}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
102495	1488	690	$\frac{1}{46}$	$\frac{1}{15}$	$\frac{15}{46}$	$\frac{7}{15}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{115}^2\ \Phi_{69}^2\ \Phi_{46}^4\ \Phi_{30}^2\ \Phi_{23}^4\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^3\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
102496	1488	480	$\frac{1}{32}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^3\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{40}^4\ \Phi_{32}^6\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{16}^6\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{8}^6\ \Phi_{6}^2\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
102497	1488	345	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{22}{115}$	$\frac{7}{15}$	$\Phi_{345}^4\ \Phi_{115}^5\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_{15}^5\ \Phi_{5}^6\ \Phi_{3}^5\ \Phi_{1}^6$
102498	1488	1487	$\frac{35}{1487}$	$\frac{121}{1487}$	$\frac{402}{1487}$	$\frac{683}{1487}$	$\Phi_{1487}\ \Phi_{1}^2$
102499	1488	2235	$\frac{13}{745}$	$\frac{61}{745}$	$\frac{1}{3}$	$\frac{342}{745}$	$\Phi_{2235}\ \Phi_{447}\ \Phi_{15}$
102500	1488	1487	$\frac{26}{1487}$	$\frac{125}{1487}$	$\frac{487}{1487}$	$\frac{681}{1487}$	$\Phi_{1487}\ \Phi_{1}^2$
102501	1488	693	$\frac{1}{63}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}^2\ \Phi_{77}^2\ \Phi_{63}^4\ \Phi_{33}\ \Phi_{21}^4\ \Phi_{11}^2\ \Phi_{9}^4\ \Phi_{7}^4\ \Phi_{3}^2\ \Phi_{1}^4$
102502	1488	451	$\frac{1}{41}$	$\frac{1}{11}$	$\frac{10}{41}$	$\frac{5}{11}$	$\Phi_{451}^3\ \Phi_{41}^6\ \Phi_{11}^4\ \Phi_{1}^8$
102503	1488	1760	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{160}^2\ \Phi_{110}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
102504	1488	99	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{11}$	$\Phi_{99}^{17}\ \Phi_{33}^{11}\ \Phi_{11}^{12}\ \Phi_{9}^{16}\ \Phi_{3}^{10}\ \Phi_{1}^{12}$
102505	1488	1530	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{1}{9}$	$\frac{77}{170}$	$\Phi_{1530}^{2}\ \Phi_{510}^{2}\ \Phi_{306}^{2}\ \Phi_{153}\ \Phi_{102}^{2}\ \Phi_{90}^{2}\ \Phi_{51}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}$
102506	1488	1568	$\frac{1}{32}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{224}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
102507	1488	392	$\frac{1}{49}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{392}^{7}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}^{6}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}^{6}$
102508	1488	1400	$\frac{1}{25}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{1400}^{2}\ \Phi_{280}^{2}\ \Phi_{200}^{2}\ \Phi_{175}\ \Phi_{40}^{2}\ \Phi_{35}$
102509	1488	900	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}^{2}\ \Phi_{225}\ \Phi_{180}^{2}\ \Phi_{150}^{2}\ \Phi_{100}^{2}\ \Phi_{90}^{2}\ \Phi_{75}\ \Phi_{60}^{2}\ \Phi_{50}^{2}\ \Phi_{45}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{10}^{2}$
102510	1488	1575	$\frac{1}{63}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{45}\ \Phi_{35}\ \Phi_{15}$
102511	1488	1487	$\frac{39}{1487}$	$\frac{181}{1487}$	$\frac{278}{1487}$	$\frac{653}{1487}$	$\Phi_{1487}\ \Phi_{1}^{2}$
102512	1488	1988	$\frac{9}{497}$	$\frac{61}{497}$	$\frac{1}{4}$	$\frac{218}{497}$	$\Phi_{1988}\ \Phi_{994}\ \Phi_{284}\ \Phi_{142}\ \Phi_{28}\ \Phi_{14}$
102513	1488	1487	$\frac{27}{1487}$	$\frac{187}{1487}$	$\frac{365}{1487}$	$\frac{650}{1487}$	$\Phi_{1487}\ \Phi_{1}^{2}$
102514	1488	1974	$\frac{1}{94}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1974}\ \Phi_{987}\ \Phi_{282}^{2}\ \Phi_{141}^{2}\ \Phi_{42}\ \Phi_{6}^{2}$
102515	1488	1295	$\frac{2}{185}$	$\frac{1}{7}$	$\frac{61}{185}$	$\frac{3}{7}$	$\Phi_{1295}\ \Phi_{259}\ \Phi_{185}^{2}\ \Phi_{37}^{2}\ \Phi_{35}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
102516	1488	252	$\frac{1}{63}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{252}^{8}\ \Phi_{126}^{8}\ \Phi_{84}^{8}\ \Phi_{42}^{8}\ \Phi_{36}^{8}\ \Phi_{28}^{7}\ \Phi_{18}^{8}\ \Phi_{14}^{7}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
102517	1488	665	$\frac{2}{95}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{665}^{2}\ \Phi_{133}^{2}\ \Phi_{95}^{4}\ \Phi_{35}\ \Phi_{19}^{4}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
102518	1488	259	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{6}{37}$	$\frac{3}{7}$	$\Phi_{259}^{5}\ \Phi_{37}^{10}\ \Phi_{7}^{6}\ \Phi_{1}^{12}$
102519	1488	224	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{224}^{7}\ \Phi_{112}^{7}\ \Phi_{56}^{7}\ \Phi_{32}^{6}\ \Phi_{28}^{7}\ \Phi_{16}^{6}\ \Phi_{14}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
102520	1488	175	$\frac{1}{25}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{175}^{9}\ \Phi_{35}^{7}\ \Phi_{25}^{8}\ \Phi_{7}^{8}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
102521	1488	1350	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{1350}^{2}\ \Phi_{450}^{2}\ \Phi_{270}^{2}\ \Phi_{225}\ \Phi_{150}^{2}\ \Phi_{90}^{2}\ \Phi_{75}\ \Phi_{50}^{2}\ \Phi_{45}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{10}^{2}$
102522	1488	1487	$\frac{41}{1487}$	$\frac{216}{1487}$	$\frac{241}{1487}$	$\frac{623}{1487}$	$\Phi_{1487}\ \Phi_{1}^{2}$
102523	1488	1865	$\frac{7}{373}$	$\frac{61}{373}$	$\frac{1}{5}$	$\frac{156}{373}$	Φ_{1865}
102524	1488	852	$\frac{1}{71}$	$\frac{35}{213}$	$\frac{1}{4}$	$\frac{89}{213}$	$\Phi_{852}^{2}\ \Phi_{426}^{2}\ \Phi_{284}^{3}\ \Phi_{142}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
102525	1488	1487	$\frac{17}{1487}$	$\frac{245}{1487}$	$\frac{433}{1487}$	$\frac{621}{1487}$	$\Phi_{1487}\ \Phi_{1}^{2}$
102526	1488	2235	$\frac{7}{745}$	$\frac{123}{745}$	$\frac{1}{3}$	$\frac{311}{745}$	$\Phi_{2235}\ \Phi_{447}\ \Phi_{15}$
102527	1488	1487	$\frac{14}{1487}$	$\frac{249}{1487}$	$\frac{491}{1487}$	$\frac{619}{1487}$	$\Phi_{1487}\ \Phi_{1}^{2}$
102528	1488	1598	$\frac{1}{94}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1598}\ \Phi_{799}\ \Phi_{34}$
102529	1488	375	$\frac{1}{125}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{375}^{6}\ \Phi_{75}^{6}\ \Phi_{15}^{5}\ \Phi_{3}^{4}$
102530	1488	1235	$\frac{3}{247}$	$\frac{1}{5}$	$\frac{61}{247}$	$\frac{2}{5}$	$\Phi_{1235}\ \Phi_{247}^{2}\ \Phi_{95}\ \Phi_{65}\ \Phi_{19}^{2}\ \Phi_{13}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
102531	1488	315	$\frac{1}{63}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{315}^{5}\ \Phi_{105}^{5}\ \Phi_{63}^{4}\ \Phi_{45}^{5}\ \Phi_{35}^{5}\ \Phi_{21}^{4}\ \Phi_{15}^{5}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{4}$
102532	1488	1235	$\frac{7}{247}$	$\frac{30}{247}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1235}\ \Phi_{247}^{2}\ \Phi_{95}\ \Phi_{65}\ \Phi_{19}^{2}\ \Phi_{13}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
102533	1488	1440	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}^{2}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}^{2}\ \Phi_{120}\ \Phi_{96}^{2}\ \Phi_{90}\ \Phi_{72}^{2}\ \Phi_{60}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
102534	1488	65	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{65}^{23}\ \Phi_{13}^{22}\ \Phi_{5}^{24}\ \Phi_{1}^{24}$
102535	1488	665	$\frac{1}{19}$	$\frac{9}{133}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{665}^{2}\ \Phi_{133}^{4}\ \Phi_{95}\ \Phi_{35}^{2}\ \Phi_{19}^{2}\ \Phi_{7}^{4}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
102536	1488	1487	$\frac{29}{1487}$	$\frac{243}{1487}$	$\frac{311}{1487}$	$\frac{588}{1487}$	$\Phi_{1487}\ \Phi_{1}^{2}$
102537	1488	1568	$\frac{1}{32}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{224}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
102538	1488	1625	$\frac{1}{125}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1625}\ \Phi_{325}\ \Phi_{65}$
102539	1488	650	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{6}{25}$	$\frac{19}{50}$	$\Phi_{650}^{4}\ \Phi_{325}\ \Phi_{130}^{4}\ \Phi_{65}\ \Phi_{26}^{4}$
102540	1488	1487	$\frac{43}{1487}$	$\frac{154}{1487}$	$\frac{361}{1487}$	$\frac{563}{1487}$	$\Phi_{1487}\ \Phi_{1}^{2}$
102541	1488	1743	$\frac{5}{249}$	$\frac{1}{7}$	$\frac{61}{249}$	$\frac{94}{249}$	$\Phi_{1743}\ \Phi_{581}\ \Phi_{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
102542	1488	1487	$\frac{19}{1487}$	$\frac{309}{1487}$	$\frac{367}{1487}$	$\frac{560}{1487}$	$\Phi_{1487}\ \Phi_{1}^{2}$
102543	1488	1988	$\frac{5}{497}$	$\frac{123}{497}$	$\frac{1}{4}$	$\frac{187}{497}$	$\Phi_{1988}\ \Phi_{994}\ \Phi_{284}\ \Phi_{142}\ \Phi_{28}\ \Phi_{14}$
102544	1488	1487	$\frac{11}{1487}$	$\frac{369}{1487}$	$\frac{464}{1487}$	$\frac{559}{1487}$	$\Phi_{1487}\ \Phi_{1}^{2}$
102545	1488	447	$\frac{1}{149}$	$\frac{37}{149}$	$\frac{1}{3}$	$\frac{56}{149}$	$\Phi_{447}^{5}\ \Phi_{3}^{4}$
102546	1488	1487	$\frac{15}{1487}$	$\frac{368}{1487}$	$\frac{373}{1487}$	$\frac{557}{1487}$	$\Phi_{1487}\ \Phi_{1}^{2}$
102547	1488	1575	$\frac{1}{63}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{45}\ \Phi_{35}\ \Phi_{15}$
102548	1488	2352	$\frac{1}{49}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{392}\ \Phi_{336}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
102549	1488	1487	$\frac{31}{1487}$	$\frac{182}{1487}$	$\frac{435}{1487}$	$\frac{526}{1487}$	$\Phi_{1487}\ \Phi_{1}^{2}$
102550	1488	1568	$\frac{1}{32}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{224}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
102551	1488	1487	$\frac{44}{1487}$	$\frac{123}{1487}$	$\frac{481}{1487}$	$\frac{503}{1487}$	$\Phi_{1487}\ \Phi_{1}^{2}$
102552	1488	1683	$\frac{4}{187}$	$\frac{1}{9}$	$\frac{61}{187}$	$\frac{63}{187}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{153}\ \Phi_{99}\ \Phi_{51}\ \Phi_{33}$
102553	1488	1487	$\frac{20}{1487}$	$\frac{247}{1487}$	$\frac{489}{1487}$	$\frac{499}{1487}$	$\Phi_{1487}\ \Phi_{1}^{2}$
102554	1488	1865	$\frac{4}{373}$	$\frac{1}{5}$	$\frac{123}{373}$	$\frac{125}{373}$	Φ_{1865}
102555	1488	1487	$\frac{8}{1487}$	$\frac{493}{1487}$	$\frac{495}{1487}$	$\frac{497}{1487}$	$\Phi_{1487}\ \Phi_{1}^{2}$
102556	1488	2235	$\frac{4}{745}$	$\frac{247}{745}$	$\frac{1}{3}$	$\frac{249}{745}$	$\Phi_{2235}\ \Phi_{447}\ \Phi_{15}$
102557	1488	561	$\frac{1}{187}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{561}^{3}\ \Phi_{187}^{2}\ \Phi_{51}^{3}\ \Phi_{33}^{3}\ \Phi_{17}^{2}\ \Phi_{11}^{2}$
102558	1488	1113	$\frac{2}{371}$	$\frac{123}{371}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1113}\ \Phi_{371}^{2}\ \Phi_{159}\ \Phi_{53}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
102559	1488	1500	$\frac{1}{125}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}^{2}\ \Phi_{300}\ \Phi_{250}^{2}\ \Phi_{150}\ \Phi_{100}^{2}\ \Phi_{60}\ \Phi_{50}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
102560	1488	1113	$\frac{3}{371}$	$\frac{92}{371}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1113}\ \Phi_{371}^{2}\ \Phi_{159}\ \Phi_{53}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
102561	1488	1410	$\frac{1}{94}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{470}^{2}\ \Phi_{235}^{2}\ \Phi_{30}\ \Phi_{10}^{2}$
102562	1488	1113	$\frac{5}{371}$	$\frac{61}{371}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1113}\ \Phi_{371}^{2}\ \Phi_{159}\ \Phi_{53}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
102563	1488	63	$\frac{1}{63}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{63}^{24}\ \Phi_{21}^{23}\ \Phi_{9}^{24}\ \Phi_{7}^{22}\ \Phi_{3}^{24}\ \Phi_{1}^{24}$
102564	1488	318	$\frac{1}{53}$	$\frac{13}{106}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{318}^{4}\ \Phi_{159}^{3}\ \Phi_{106}^{8}\ \Phi_{53}^{6}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
102565	1488	1113	$\frac{11}{371}$	$\frac{30}{371}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1113}\ \Phi_{371}^{2}\ \Phi_{159}\ \Phi_{53}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
102566	1488	1248	$\frac{1}{32}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}^{2}\ \Phi_{312}\ \Phi_{208}^{2}\ \Phi_{156}\ \Phi_{104}^{2}\ \Phi_{78}\ \Phi_{52}^{2}\ \Phi_{26}^{2}$
102567	1488	825	$\frac{1}{25}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{825}^{2}\ \Phi_{275}^{2}\ \Phi_{165}^{2}\ \Phi_{75}\ \Phi_{55}^{2}\ \Phi_{15}$
102568	1488	555	$\frac{2}{185}$	$\frac{1}{5}$	$\frac{61}{185}$	$\frac{1}{3}$	$\Phi_{555}^{4}\ \Phi_{111}^{4}\ \Phi_{15}^{5}\ \Phi_{3}^{4}$
102569	1488	447	$\frac{2}{149}$	$\frac{25}{149}$	$\frac{49}{149}$	$\frac{1}{3}$	$\Phi_{447}^{5}\ \Phi_{3}^{4}$
102570	1488	2583	$\frac{2}{123}$	$\frac{1}{7}$	$\frac{121}{369}$	$\frac{1}{3}$	$\Phi_{2583}\ \Phi_{63}\ \Phi_{21}$
102571	1488	414	$\frac{1}{46}$	$\frac{1}{9}$	$\frac{15}{46}$	$\frac{1}{3}$	$\Phi_{414}^{4}\ \Phi_{207}^{4}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{46}^{4}\ \Phi_{23}^{4}\ \Phi_{18}^{4}\ \Phi_{9}^{6}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
102572	1488	2235	$\frac{22}{745}$	$\frac{63}{745}$	$\frac{241}{745}$	$\frac{1}{3}$	$\Phi_{2235}\ \Phi_{447}\ \Phi_{15}$
102573	1488	1551	$\frac{2}{47}$	$\frac{2}{33}$	$\frac{15}{47}$	$\frac{1}{3}$	$\Phi_{1551}\ \Phi_{517}\ \Phi_{47}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
102574	1488	225	$\frac{1}{25}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{225}^{10}\ \Phi_{75}\ \Phi_{45}^{8}\ \Phi_{15}\ \Phi_{9}^{8}$
102575	1488	2208	$\frac{1}{32}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}^{2}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
102576	1488	2235	$\frac{17}{745}$	$\frac{91}{745}$	$\frac{218}{745}$	$\frac{1}{3}$	$\Phi_{2235}\ \Phi_{447}\ \Phi_{15}$
102577	1488	693	$\frac{1}{63}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{693}^{2}\ \Phi_{231}^{2}\ \Phi_{99}^{2}\ \Phi_{77}^{2}\ \Phi_{63}^{4}\ \Phi_{33}\ \Phi_{21}^{4}\ \Phi_{11}^{2}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
102578	1488	2235	$\frac{9}{745}$	$\frac{184}{745}$	$\frac{187}{745}$	$\frac{1}{3}$	$\Phi_{2235}\ \Phi_{447}\ \Phi_{15}$
102579	1488	2964	$\frac{3}{247}$	$\frac{61}{247}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2964}\ \Phi_{1482}\ \Phi_{228}\ \Phi_{156}\ \Phi_{114}\ \Phi_{78}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
102580	1488	1260	$\frac{1}{63}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
102581	1488	2964	$\frac{7}{247}$	$\frac{30}{247}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2964}\ \Phi_{1482}\ \Phi_{228}\ \Phi_{156}\ \Phi_{114}\ \Phi_{78}\ \Phi_{12}^2\ \Phi_6^2$
102582	1488	288	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{288}^6\ \Phi_{144}^6\ \Phi_{96}^3\ \Phi_{72}^6\ \Phi_{48}^3\ \Phi_{36}^4\ \Phi_{32}^6\ \Phi_{24}^3\ \Phi_{18}^4\ \Phi_{16}^6\ \Phi_{12}^2\ \Phi_9^6\ \Phi_8^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
102583	1488	780	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^4\ \Phi_{390}^4\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{60}^4\ \Phi_{30}^4\ \Phi_{12}^4\ \Phi_6^4$
102584	1488	1596	$\frac{1}{19}$	$\frac{9}{133}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1596}^2\ \Phi_{798}^2\ \Phi_{228}\ \Phi_{114}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{12}^2\ \Phi_6^2$
102585	1488	2244	$\frac{1}{17}$	$\frac{2}{33}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{374}\ \Phi_{68}\ \Phi_{34}$
102586	1488	861	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{10}{41}$	$\frac{1}{3}$	$\Phi_{861}^3\ \Phi_{21}^4$
102587	1488	2235	$\frac{21}{745}$	$\frac{94}{745}$	$\frac{181}{745}$	$\frac{1}{3}$	$\Phi_{2235}\ \Phi_{447}\ \Phi_{15}$
102588	1488	1551	$\frac{2}{33}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{1}{3}$	$\Phi_{1551}\ \Phi_{517}\ \Phi_{47}\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_1^2$
102589	1488	600	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{600}^5\ \Phi_{300}^5\ \Phi_{120}^4\ \Phi_{75}\ \Phi_{60}^4\ \Phi_{24}^4\ \Phi_{15}\ \Phi_{12}^4$
102590	1488	2208	$\frac{1}{32}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
102591	1488	2235	$\frac{19}{745}$	$\frac{121}{745}$	$\frac{156}{745}$	$\frac{1}{3}$	$\Phi_{2235}\ \Phi_{447}\ \Phi_{15}$
102592	1488	285	$\frac{2}{95}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{285}^8\ \Phi_{57}^8\ \Phi_{15}^5\ \Phi_3^4$
102593	1488	2775	$\frac{4}{185}$	$\frac{181}{925}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2775}\ \Phi_{75}\ \Phi_{15}$
102594	1488	555	$\frac{1}{37}$	$\frac{6}{37}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{555}^5\ \Phi_{15}^6$
102595	1488	3360	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{210}$
102596	1488	525	$\frac{1}{25}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{525}^5\ \Phi_{105}^4\ \Phi_{75}\ \Phi_{21}^4\ \Phi_{15}$
102597	1488	2145	$\frac{2}{33}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{65}$
102598	1488	1035	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{22}{115}$	$\frac{1}{3}$	$\Phi_{1035}^2\ \Phi_{345}\ \Phi_{115}^2\ \Phi_{45}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
102599	1488	75	$\frac{1}{25}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{75}^{20}\ \Phi_{25}^{19}\ \Phi_{15}^{21}\ \Phi_5^{20}\ \Phi_3^{20}\ \Phi_1^{20}$
102600	1488	900	$\frac{1}{25}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{20}^2\ \Phi_{15}$
102601	1488	1551	$\frac{2}{33}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{3}$	$\Phi_{1551}\ \Phi_{517}\ \Phi_{47}\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_1^2$
102602	1488	693	$\frac{2}{33}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{693}^3\ \Phi_{231}^2\ \Phi_{77}^2\ \Phi_{63}\ \Phi_{21}$
102603	1488	2556	$\frac{1}{71}$	$\frac{143}{639}$	$\frac{1}{4}$	$\frac{70}{213}$	$\Phi_{2556}\ \Phi_{1278}\ \Phi_{284}\ \Phi_{142}\ \Phi_{36}\ \Phi_{18}$
102604	1488	230	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{15}{46}$	$\Phi_{230}^6\ \Phi_{115}^6\ \Phi_{46}^8\ \Phi_{23}^8\ \Phi_{10}^6\ \Phi_5^9\ \Phi_2^8\ \Phi_1^{12}$
102605	1488	2940	$\frac{6}{245}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{239}{735}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{588}\ \Phi_{420}\ \Phi_{294}\ \Phi_{210}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
102606	1488	1487	$\frac{38}{1487}$	$\frac{251}{1487}$	$\frac{309}{1487}$	$\frac{483}{1487}$	$\Phi_{1487}\ \Phi_1^2$
102607	1488	1865	$\frac{10}{373}$	$\frac{63}{373}$	$\frac{1}{5}$	$\frac{121}{373}$	Φ_{1865}
102608	1488	2115	$\frac{2}{47}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{15}{47}$	$\Phi_{2115}\ \Phi_{423}\ \Phi_{47}\ \Phi_{45}^2\ \Phi_9^2\ \Phi_1^2$
102609	1488	1880	$\frac{2}{47}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{15}{47}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{376}\ \Phi_{188}\ \Phi_{47}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
102610	1488	1645	$\frac{2}{47}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{15}{47}$	$\Phi_{1645}\ \Phi_{329}\ \Phi_{47}\ \Phi_{35}^2\ \Phi_7^2\ \Phi_1^2$
102611	1488	1692	$\frac{2}{47}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{15}{47}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{564}\ \Phi_{423}\ \Phi_{188}\ \Phi_{47}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_4^2\ \Phi_1^2$
102612	1488	3060	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{612}\ \Phi_{306}\ \Phi_{68}\ \Phi_{34}$
102613	1488	2115	$\frac{3}{47}$	$\frac{1}{15}$	$\frac{11}{47}$	$\frac{14}{45}$	$\Phi_{2115}\ \Phi_{423}\ \Phi_{47}\ \Phi_{45}^2\ \Phi_9^2\ \Phi_1^2$
102614	1488	585	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{14}{45}$	$\Phi_{585}^4\ \Phi_{117}^4\ \Phi_{65}$
102615	1488	2115	$\frac{1}{15}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{14}{45}$	$\Phi_{2115}\ \Phi_{423}\ \Phi_{47}\ \Phi_{45}^2\ \Phi_9^2\ \Phi_1^2$
102616	1488	315	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{14}{45}$	$\Phi_{315}^5\ \Phi_{105}^6\ \Phi_{63}^6\ \Phi_{35}^6\ \Phi_{21}^7\ \Phi_7^6$
102617	1488	2025	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{2025}\ \Phi_{405}\ \Phi_{225}\ \Phi_{75}\ \Phi_{45}\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
102618	1488	396	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{44}$	$\frac{13}{44}$	$\Phi_{396}^{4}\ \Phi_{198}^{4}\ \Phi_{132}^{4}\ \Phi_{99}^{5}\ \Phi_{66}^{4}\ \Phi_{36}^{4}\ \Phi_{33}^{5}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}$
102619	1488	306	$\frac{3}{34}$	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{306}^{6}\ \Phi_{153}^{5}\ \Phi_{102}^{6}\ \Phi_{51}^{5}\ \Phi_{18}^{6}\ \Phi_{9}^{4}\ \Phi_{6}^{6}\ \Phi_{3}^{4}$
102620	1488	672	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}\ \Phi_{168}^{3}\ \Phi_{112}\ \Phi_{96}^{3}\ \Phi_{84}^{3}\ \Phi_{56}\ \Phi_{48}^{3}\ \Phi_{42}^{3}\ \Phi_{28}\ \Phi_{24}^{3}$ $\Phi_{14}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
102621	1488	451	$\frac{1}{41}$	$\frac{2}{11}$	$\frac{10}{41}$	$\frac{3}{11}$	$\Phi_{451}^{3}\ \Phi_{41}^{6}\ \Phi_{11}^{4}\ \Phi_{1}^{8}$
102622	1488	1760	$\frac{1}{32}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{160}^{2}\ \Phi_{110}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
102623	1488	765	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{16}{85}$	$\frac{23}{85}$	$\Phi_{765}^{2}\ \Phi_{255}^{2}\ \Phi_{153}^{3}\ \Phi_{51}^{3}\ \Phi_{45}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}$
102624	1488	1487	$\frac{35}{1487}$	$\frac{281}{1487}$	$\frac{363}{1487}$	$\frac{402}{1487}$	$\Phi_{1487}\ \Phi_{1}^{2}$
102625	1488	1755	$\frac{1}{13}$	$\frac{11}{135}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{117}\ \Phi_{65}$
102626	1488	1568	$\frac{1}{32}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{224}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
102627	1488	1050	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{1050}^{2}\ \Phi_{525}^{2}\ \Phi_{210}^{2}\ \Phi_{175}\ \Phi_{150}^{2}\ \Phi_{105}^{2}\ \Phi_{75}^{2}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{15}^{2}$
102628	1488	1487	$\frac{39}{1487}$	$\frac{278}{1487}$	$\frac{362}{1487}$	$\frac{375}{1487}$	$\Phi_{1487}\ \Phi_{1}^{2}$
102629	1488	1865	$\frac{9}{373}$	$\frac{1}{5}$	$\frac{91}{373}$	$\frac{94}{373}$	Φ_{1865}
102630	1488	820	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{10}{41}$	$\frac{1}{4}$	$\Phi_{820}^{3}\ \Phi_{410}^{3}\ \Phi_{20}^{4}\ \Phi_{10}^{4}$
102631	1488	1988	$\frac{13}{497}$	$\frac{94}{497}$	$\frac{121}{497}$	$\frac{1}{4}$	$\Phi_{1988}\ \Phi_{994}\ \Phi_{284}\ \Phi_{142}\ \Phi_{28}\ \Phi_{14}$
102632	1488	680	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{680}^{3}\ \Phi_{340}\ \Phi_{170}^{2}\ \Phi_{136}^{3}\ \Phi_{85}^{2}\ \Phi_{68}^{2}\ \Phi_{34}^{3}\ \Phi_{17}^{2}$
102633	1488	160	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{160}^{9}\ \Phi_{80}^{9}\ \Phi_{40}^{9}\ \Phi_{32}^{12}\ \Phi_{20}^{6}\ \Phi_{16}^{12}\ \Phi_{10}^{6}\ \Phi_{8}^{12}\ \Phi_{5}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
102634	1488	2380	$\frac{1}{17}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{476}\ \Phi_{238}\ \Phi_{68}\ \Phi_{34}$
102635	1488	2100	$\frac{29}{525}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{100}\ \Phi_{84}$ $\Phi_{60}\ \Phi_{50}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
102636	1488	612	$\frac{1}{17}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{612}^{3}\ \Phi_{306}^{3}\ \Phi_{204}\ \Phi_{153}^{3}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{3}\ \Phi_{17}^{2}$
102637	1488	588	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{23}{147}$	$\frac{1}{4}$	$\Phi_{588}^{4}\ \Phi_{294}^{4}\ \Phi_{196}^{2}\ \Phi_{98}^{2}\ \Phi_{84}^{4}\ \Phi_{42}^{4}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
102638	1488	2156	$\frac{43}{539}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2156}\ \Phi_{1078}\ \Phi_{308}\ \Phi_{154}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}$
102639	1488	140	$\frac{3}{35}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{140}^{14}\ \Phi_{70}^{14}\ \Phi_{28}^{15}\ \Phi_{20}^{14}\ \Phi_{14}^{15}\ \Phi_{10}^{14}\ \Phi_{4}^{14}\ \Phi_{2}^{14}$
102640	1488	284	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{1}{4}$	$\Phi_{284}^{7}\ \Phi_{142}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
102641	1488	1880	$\frac{3}{47}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{11}{47}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{376}\ \Phi_{188}\ \Phi_{47}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
102642	1488	1645	$\frac{3}{47}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{11}{47}$	$\Phi_{1645}\ \Phi_{329}\ \Phi_{47}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
102643	1488	1692	$\frac{3}{47}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{11}{47}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{564}\ \Phi_{423}\ \Phi_{188}\ \Phi_{47}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
102644	1488	990	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{17}{110}$	$\frac{5}{22}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{330}^{2}\ \Phi_{165}^{2}\ \Phi_{99}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{33}\ \Phi_{30}^{2}\ \Phi_{15}^{2}$
102645	1488	520	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{40}$	$\Phi_{520}^{4}\ \Phi_{260}^{4}\ \Phi_{104}^{4}\ \Phi_{65}\ \Phi_{52}^{4}$
102646	1488	1880	$\frac{1}{10}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{9}{40}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{376}\ \Phi_{188}\ \Phi_{47}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
102647	1488	2520	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{9}{40}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{252}\ \Phi_{168}\ \Phi_{84}\ \Phi_{63}\ \Phi_{21}$
102648	1488	115	$\frac{1}{23}$	$\frac{22}{115}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{115}^{13}\ \Phi_{23}^{12}\ \Phi_{5}^{16}\ \Phi_{1}^{16}$
102649	1488	455	$\frac{1}{13}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{455}^{4}\ \Phi_{91}^{4}\ \Phi_{65}$
102650	1488	975	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{5}$	$\Phi_{975}^{2}\ \Phi_{325}^{2}\ \Phi_{65}$
102651	1488	2340	$\frac{1}{13}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{260}\ \Phi_{65}$
102652	1488	1645	$\frac{5}{47}$	$\frac{4}{35}$	$\frac{7}{47}$	$\frac{1}{5}$	$\Phi_{1645}\ \Phi_{329}\ \Phi_{47}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
102653	1488	315	$\frac{1}{9}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{315}^{5}\ \Phi_{105}^{5}\ \Phi_{63}^{6}\ \Phi_{45}^{6}\ \Phi_{21}^{6}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{3}^{6}$
102654	1488	1692	$\frac{5}{47}$	$\frac{5}{36}$	$\frac{7}{47}$	$\frac{1}{6}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{564}\ \Phi_{423}\ \Phi_{188}\ \Phi_{47}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
102655	1488	252	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{252}^{8}\ \Phi_{126}^{5}\ \Phi_{84}^{8}\ \Phi_{63}^{6}\ \Phi_{42}^{6}\ \Phi_{28}^{8}\ \Phi_{21}^{7}\ \Phi_{14}^{6}\ \Phi_{7}^{6}$
102656	1489	2952	$\frac{13}{1476}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1463}{2952}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{328}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
102657	1489	1704	$\frac{2}{213}$	$\frac{215}{1704}$	$\frac{1}{3}$	$\frac{211}{426}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{568}\ \Phi_{284}\ \Phi_{213}\ \Phi_{71}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
102658	1489	1992	$\frac{5}{498}$	$\frac{1}{6}$	$\frac{503}{1992}$	$\frac{493}{996}$	$\Phi_{1992}\ \Phi_{664}\ \Phi_{498}\ \Phi_{249}\ \Phi_{166}\ \Phi_{83}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
102659	1489	2944	$\frac{17}{1472}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{1455}{2944}$	$\Phi_{2944}\ \Phi_{128}\ \Phi_{32}\ \Phi_{1}$
102660	1489	2940	$\frac{19}{1470}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1451}{2940}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{196}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
102661	1489	2880	$\frac{1}{48}$	$\frac{49}{1440}$	$\frac{1391}{2880}$	$\frac{47}{96}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
102662	1489	1920	$\frac{1}{48}$	$\frac{49}{480}$	$\frac{431}{1920}$	$\frac{47}{96}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
102663	1489	1728	$\frac{1}{48}$	$\frac{239}{1728}$	$\frac{49}{288}$	$\frac{47}{96}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{1}$
102664	1489	2880	$\frac{49}{1440}$	$\frac{1}{24}$	$\frac{23}{72}$	$\frac{1391}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
102665	1489	2880	$\frac{49}{1440}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1391}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
102666	1489	1800	$\frac{11}{300}$	$\frac{1}{12}$	$\frac{311}{1800}$	$\frac{289}{600}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
102667	1489	2016	$\frac{1}{24}$	$\frac{23}{504}$	$\frac{527}{2016}$	$\frac{481}{1008}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
102668	1489	1632	$\frac{7}{136}$	$\frac{143}{1632}$	$\frac{1}{8}$	$\frac{129}{272}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{96}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{32}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
102669	1489	2816	$\frac{81}{1408}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1327}{2816}$	$\Phi_{2816}\ \Phi_{256}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
102670	1489	2208	$\frac{17}{736}$	$\frac{1}{16}$	$\frac{719}{2208}$	$\frac{15}{32}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}\ \Phi_{69}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
102671	1489	1536	$\frac{47}{1536}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
102672	1489	1584	$\frac{95}{1584}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{81}{176}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
102673	1489	2720	$\frac{7}{136}$	$\frac{129}{1360}$	$\frac{1}{8}$	$\frac{1231}{2720}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{160}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{1}$
102674	1489	1512	$\frac{23}{1512}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
102675	1489	1728	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{239}{1728}$	$\frac{193}{432}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
102676	1489	2688	$\frac{1}{48}$	$\frac{145}{1344}$	$\frac{47}{192}$	$\frac{1199}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
102677	1489	2688	$\frac{1}{24}$	$\frac{145}{1344}$	$\frac{23}{168}$	$\frac{1199}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{168}\ \Phi_{128}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
102678	1489	1680	$\frac{1}{24}$	$\frac{191}{1680}$	$\frac{23}{168}$	$\frac{145}{336}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
102679	1489	1736	$\frac{1}{31}$	$\frac{30}{217}$	$\frac{247}{1736}$	$\frac{187}{434}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{248}\ \Phi_{217}\ \Phi_{124}\ \Phi_{56}\ \Phi_{28}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
102680	1489	2604	$\frac{1}{31}$	$\frac{30}{217}$	$\frac{187}{1302}$	$\frac{1115}{2604}$	$\Phi_{2604}\ \Phi_{868}\ \Phi_{372}\ \Phi_{217}\ \Phi_{124}\ \Phi_{84}\ \Phi_{28}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
102681	1489	2592	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{193}{1296}$	$\frac{1103}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
102682	1489	2556	$\frac{2}{213}$	$\frac{211}{1278}$	$\frac{1}{3}$	$\frac{1067}{2556}$	$\Phi_{2556}\ \Phi_{852}\ \Phi_{284}\ \Phi_{213}\ \Phi_{71}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
102683	1489	1560	$\frac{71}{1560}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
102684	1489	1860	$\frac{1}{62}$	$\frac{61}{310}$	$\frac{371}{1860}$	$\frac{249}{620}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{465}\ \Phi_{372}\ \Phi_{310}\ \Phi_{186}\ \Phi_{155}\ \Phi_{93}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
102685	1489	2480	$\frac{1}{62}$	$\frac{61}{310}$	$\frac{249}{1240}$	$\frac{991}{2480}$	$\Phi_{2480}\ \Phi_{496}\ \Phi_{310}\ \Phi_{155}\ \Phi_{80}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
102686	1489	2400	$\frac{11}{300}$	$\frac{1}{12}$	$\frac{289}{1200}$	$\frac{911}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{300}\ \Phi_{160}\ \Phi_{150}\ \Phi_{100}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{32}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
102687	1489	1512	$\frac{23}{1512}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
102688	1489	2304	$\frac{1}{48}$	$\frac{47}{384}$	$\frac{337}{1152}$	$\frac{815}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
102689	1489	1584	$\frac{1}{24}$	$\frac{95}{1584}$	$\frac{23}{72}$	$\frac{49}{144}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
102690	1489	2232	$\frac{1}{186}$	$\frac{185}{558}$	$\frac{743}{2232}$	$\frac{373}{1116}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{558}\ \Phi_{279}\ \Phi_{248}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
102691	1489	1917	$\frac{2}{213}$	$\frac{428}{1917}$	$\frac{211}{639}$	$\frac{1}{3}$	$\Phi_{1917}\ \Phi_{213}\ \Phi_{71}\ \Phi_{27}\ \Phi_{1}$
102692	1489	2205	$\frac{19}{735}$	$\frac{2}{21}$	$\frac{716}{2205}$	$\frac{1}{3}$	$\Phi_{2205}\ \Phi_{441}\ \Phi_{315}\ \Phi_{63}\ \Phi_{45}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
102693	1489	1575	$\frac{86}{1575}$	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{75}\ \Phi_{63}\ \Phi_{45}\ \Phi_{25}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
102694	1489	1764	$\frac{19}{294}$	$\frac{2}{21}$	$\frac{275}{1764}$	$\frac{1}{3}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{252}\ \Phi_{196}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
102695	1489	1617	$\frac{128}{1617}$	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{1}{3}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{231}\ \Phi_{77}\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
102696	1489	1680	$\frac{19}{210}$	$\frac{2}{21}$	$\frac{191}{1680}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{84}\ \Phi_{80}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
102697	1489	2214	$\frac{13}{738}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{725}{2214}$	$\Phi_{2214}\ \Phi_{1107}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
102698	1489	2160	$\frac{1}{24}$	$\frac{49}{720}$	$\frac{671}{2160}$	$\frac{23}{72}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
102699	1489	1800	$\frac{1}{24}$	$\frac{49}{360}$	$\frac{311}{1800}$	$\frac{23}{72}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{36}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
102700	1489	1728	$\frac{1}{24}$	$\frac{239}{1728}$	$\frac{49}{288}$	$\frac{23}{72}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
102701	1489	2160	$\frac{49}{720}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{671}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
102702	1489	1944	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{455}{1944}$	$\frac{193}{648}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
102703	1489	2112	$\frac{7}{88}$	$\frac{81}{704}$	$\frac{1}{8}$	$\frac{623}{2112}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
102704	1489	1953	$\frac{1}{31}$	$\frac{30}{217}$	$\frac{464}{1953}$	$\frac{187}{651}$	$\Phi_{1953}\ \Phi_{279}\ \Phi_{217}\ \Phi_{63}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
102705	1489	1620	$\frac{131}{1620}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{180}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{54}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
102706	1489	2040	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{129}{680}$	$\frac{551}{2040}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}\ \Phi_{102}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{34}\ \Phi_{30}\ \Phi_{24}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
102707	1489	2016	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{145}{672}$	$\frac{527}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
102708	1489	1760	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{271}{1760}$	$\frac{81}{352}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
102709	1489	1920	$\frac{1}{12}$	$\frac{49}{480}$	$\frac{11}{60}$	$\frac{431}{1920}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
102710	1489	1680	$\frac{1}{12}$	$\frac{191}{1680}$	$\frac{11}{60}$	$\frac{49}{240}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
102711	1489	1800	$\frac{1}{12}$	$\frac{49}{360}$	$\frac{311}{1800}$	$\frac{11}{60}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
102712	1490	2376	$\frac{1}{297}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{148}{297}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{297}\ \Phi_{264}\ \Phi_{216}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{33}\ \Phi_{27}\ \Phi_{24}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
102713	1490	2664	$\frac{1}{148}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{147}{296}$	$\Phi_{2664}\ \Phi_{888}\ \Phi_{296}^2\ \Phi_{72}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
102714	1490	888	$\frac{1}{148}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{147}{296}$	$\Phi_{888}^3\ \Phi_{296}^4\ \Phi_{24}^3\ \Phi_{8}^4\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
102715	1490	3234	$\frac{2}{147}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{145}{294}$	$\Phi_{3234}\ \Phi_{1078}\ \Phi_{462}\ \Phi_{154}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
102716	1490	2200	$\frac{1}{50}$	$\frac{1}{11}$	$\frac{51}{200}$	$\frac{49}{100}$	$\Phi_{2200}\ \Phi_{550}\ \Phi_{440}\ \Phi_{275}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{22}$
102717	1490	3190	$\frac{4}{145}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{141}{290}$	$\Phi_{3190}\ \Phi_{638}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
102718	1490	1980	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{31}{180}$	$\frac{29}{60}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}$
102719	1490	3168	$\frac{5}{144}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{139}{288}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
102720	1490	858	$\frac{6}{143}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{137}{286}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{143}^2\ \Phi_{78}^3\ \Phi_{66}^2\ \Phi_{39}^3\ \Phi_{33}^2\ \Phi_{26}\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
102721	1490	966	$\frac{1}{23}$	$\frac{12}{161}$	$\frac{1}{6}$	$\frac{11}{23}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{322}^2\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
102722	1490	3080	$\frac{9}{140}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{131}{280}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{22}$
102723	1490	156	$\frac{7}{156}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{156}^{10}\ \Phi_{78}^9\ \Phi_{52}^{10}\ \Phi_{39}^9\ \Phi_{26}^9\ \Phi_{13}^{10}\ \Phi_{12}^{10}\ \Phi_{6}^8\ \Phi_{4}^{10}\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^{10}$
102724	1490	276	$\frac{1}{23}$	$\frac{11}{138}$	$\frac{1}{6}$	$\frac{127}{276}$	$\Phi_{276}^{10}\ \Phi_{138}\ \Phi_{92}^{10}\ \Phi_{69}\ \Phi_{46}\ \Phi_{12}^{10}\ \Phi_{4}^{10}$
102725	1490	1760	$\frac{11}{160}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{22}$
102726	1490	2970	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{14}{135}$	$\frac{121}{270}$	$\Phi_{2970}\ \Phi_{990}\ \Phi_{594}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}$
102727	1490	666	$\frac{1}{74}$	$\frac{1}{9}$	$\frac{73}{222}$	$\frac{4}{9}$	$\Phi_{666}^2\ \Phi_{333}^2\ \Phi_{222}^3\ \Phi_{111}^3\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{18}^2\ \Phi_{9}^3\ \Phi_{6}^3\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
102728	1490	1368	$\frac{3}{152}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{152}^2\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{72}\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{24}\ \Phi_{19}^2\ \Phi_{9}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
102729	1490	1665	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{36}{185}$	$\frac{4}{9}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{185}^2\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
102730	1490	1716	$\frac{7}{156}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{286}\ \Phi_{143}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
102731	1490	2750	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{24}{125}$	$\frac{101}{250}$	$\Phi_{2750}\ \Phi_{550}\ \Phi_{275}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
102732	1490	2640	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{29}{120}$	$\frac{91}{240}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{330}\ \Phi_{176}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}$
102733	1490	600	$\frac{1}{150}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{600}^4\ \Phi_{200}^4\ \Phi_{150}^2\ \Phi_{120}^4\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{40}^4\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{24}^3\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{8}^4\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
102734	1490	792	$\frac{1}{99}$	$\frac{49}{198}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}^3\ \Phi_{264}^3\ \Phi_{198}^2\ \Phi_{99}\ \Phi_{88}^3\ \Phi_{72}^3\ \Phi_{66}^2\ \Phi_{33}\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}^4\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
102735	1490	1224	$\frac{4}{153}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1224}^2\ \Phi_{408}^2\ \Phi_{153}^2\ \Phi_{136}^2\ \Phi_{72}\ \Phi_{51}^2\ \Phi_{24}\ \Phi_{17}^2\ \Phi_{9}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
102736	1490	1320	$\frac{1}{33}$	$\frac{16}{165}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}\ \Phi_{165}^2\ \Phi_{120}^2\ \Phi_{88}\ \Phi_{55}^2\ \Phi_{40}^2\ \Phi_{33}\ \Phi_{24}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
102737	1490	616	$\frac{5}{154}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}^4\ \Phi_{154}^2\ \Phi_{88}^3\ \Phi_{77}^2\ \Phi_{56}^4\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_{8}^4\ \Phi_{7}^2\ \Phi_{2}^2\ \Phi_{1}^2$
102738	1490	648	$\frac{1}{27}$	$\frac{13}{162}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{648}^4\ \Phi_{216}^3\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{72}^3\ \Phi_{54}^2\ \Phi_{27}\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{9}\ \Phi_{8}^4\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
102739	1490	222	$\frac{1}{74}$	$\frac{1}{6}$	$\frac{73}{222}$	$\frac{1}{3}$	$\Phi_{222}^7\ \Phi_{111}^7\ \Phi_{74}^6\ \Phi_{37}^6\ \Phi_{6}^9\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^8$
102740	1490	456	$\frac{3}{152}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{152}^4\ \Phi_{114}^3\ \Phi_{76}^4\ \Phi_{57}^3\ \Phi_{38}^4\ \Phi_{24}^3\ \Phi_{19}^4\ \Phi_{8}^4\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
102741	1490	1110	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{36}{185}$	$\frac{1}{3}$	$\Phi_{1110}^2\ \Phi_{555}\ \Phi_{370}^2\ \Phi_{185}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
102742	1490	1848	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{19}{168}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
102743	1490	690	$\frac{1}{23}$	$\frac{47}{345}$	$\frac{1}{6}$	$\frac{22}{69}$	$\Phi_{690}^3\ \Phi_{345}^2\ \Phi_{230}^3\ \Phi_{138}\ \Phi_{115}^2\ \Phi_{69}\ \Phi_{46}\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_{5}^2$
102744	1490	1980	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{31}{180}$	$\frac{14}{45}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
102745	1490	2376	$\frac{5}{72}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{67}{216}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
102746	1490	858	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{6}$	$\frac{131}{429}$	$\Phi_{858}^2\ \Phi_{429}\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{78}^3\ \Phi_{66}^2\ \Phi_{39}^2\ \Phi_{33}\ \Phi_{26}^3\ \Phi_{22}^2\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
102747	1490	2310	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{210}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}$
102748	1490	414	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{1}{6}$	$\frac{58}{207}$	$\Phi_{414}^6\ \Phi_{207}^4\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{18}^6\ \Phi_{9}^4$
102749	1490	1782	$\frac{13}{162}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
102750	1490	552	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{35}{184}$	$\frac{11}{46}$	$\Phi_{552}^4\ \Phi_{276}^4\ \Phi_{184}^2\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_{8}^2\ \Phi_{4}^2$
102751	1490	2112	$\frac{1}{11}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{192}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
102752	1490	1848	$\frac{1}{11}$	$\frac{19}{168}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{77}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
102753	1490	1980	$\frac{1}{11}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{180}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}$
102754	1491	2384	$\frac{1}{298}$	$\frac{299}{1192}$	$\frac{893}{2384}$	$\frac{297}{596}$	$\Phi_{2384}\ \Phi_{596}\ \Phi_{16}\ \Phi_4\ \Phi_1$
102755	1491	1980	$\frac{2}{495}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{493}{990}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{99}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
102756	1491	1272	$\frac{1}{212}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{211}{424}$	$\Phi_{1272}^2\ \Phi_{424}^3\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
102757	1491	3816	$\frac{1}{212}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{211}{424}$	$\Phi_{3816}\ \Phi_{424}\ \Phi_{72}\ \Phi_9\ \Phi_8\ \Phi_1$
102758	1491	664	$\frac{1}{166}$	$\frac{1}{4}$	$\frac{167}{664}$	$\frac{165}{332}$	$\Phi_{664}^3\ \Phi_{332}^2\ \Phi_{166}\ \Phi_{83}\ \Phi_8^3\ \Phi_4\ \Phi_1$
102759	1491	2960	$\frac{11}{1480}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1469}{2960}$	$\Phi_{2960}\ \Phi_{592}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
102760	1491	984	$\frac{5}{492}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{487}{984}$	$\Phi_{984}^3\ \Phi_{328}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
102761	1491	280	$\frac{1}{70}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{69}{140}$	$\Phi_{280}^{10}\ \Phi_{140}\ \Phi_{56}^{10}\ \Phi_{40}^{11}\ \Phi_{28}\ \Phi_{20}\ \Phi_8^{11}\ \Phi_4\ \Phi_1$
102762	1491	140	$\frac{1}{70}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{69}{140}$	$\Phi_{140}^{21}\ \Phi_{28}^{21}\ \Phi_{20}^{21}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^{21}\ \Phi_2^2\ \Phi_1^3$
102763	1491	280	$\frac{1}{70}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{69}{140}$	$\Phi_{280}^6\ \Phi_{140}^5\ \Phi_{70}^4\ \Phi_{56}^6\ \Phi_{40}^6\ \Phi_{35}^4\ \Phi_{28}^5\ \Phi_{20}^5\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_8^9\ \Phi_7^4\ \Phi_5^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
102764	1491	700	$\frac{1}{70}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{69}{140}$	$\Phi_{700}^5\ \Phi_{140}\ \Phi_{100}^5\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
102765	1491	2000	$\frac{9}{500}$	$\frac{1}{10}$	$\frac{509}{2000}$	$\frac{491}{1000}$	$\Phi_{2000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{125}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
102766	1491	2900	$\frac{41}{1450}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1409}{2900}$	$\Phi_{2900}\ \Phi_{580}\ \Phi_{116}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
102767	1491	1518	$\frac{2}{69}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{253}\ \Phi_{69}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{23}\ \Phi_{22}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
102768	1491	600	$\frac{3}{100}$	$\frac{1}{10}$	$\frac{103}{600}$	$\frac{97}{200}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^3\ \Phi_{30}^3\ \Phi_{25}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
102769	1491	230	$\frac{4}{115}$	$\frac{17}{230}$	$\frac{1}{5}$	$\frac{111}{230}$	$\Phi_{230}^6\ \Phi_{115}^7\ \Phi_{46}^6\ \Phi_{23}^7\ \Phi_{10}^6\ \Phi_5^6\ \Phi_2^6\ \Phi_1^7$
102770	1491	960	$\frac{17}{480}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{463}{960}$	$\Phi_{960}^3\ \Phi_{320}^3\ \Phi_{192}^3\ \Phi_{64}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
102771	1491	1056	$\frac{1}{24}$	$\frac{1}{22}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{1056}^2\ \Phi_{352}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{96}\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{32}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
102772	1491	2860	$\frac{61}{1430}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{1369}{2860}$	$\Phi_{2860}\ \Phi_{572}\ \Phi_{260}\ \Phi_{220}\ \Phi_{65}\ \Phi_{52}\ \Phi_{44}\ \Phi_{20}\ \Phi_{13}\ \Phi_4\ \Phi_1$
102773	1491	1496	$\frac{3}{68}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{1496}^2\ \Phi_{136}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
102774	1491	840	$\frac{1}{35}$	$\frac{1}{20}$	$\frac{34}{105}$	$\frac{19}{40}$	$\Phi_{840}^5\ \Phi_{168}^5\ \Phi_{120}^5\ \Phi_{105}\ \Phi_{40}\ \Phi_{24}^5\ \Phi_{21}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
102775	1491	600	$\frac{1}{20}$	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{600}^5\ \Phi_{200}^5\ \Phi_{120}^5\ \Phi_{75}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}^5\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
102776	1491	840	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{19}{40}$	$\Phi_{840}^4\ \Phi_{280}^2\ \Phi_{168}^4\ \Phi_{120}^4\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{40}^3\ \Phi_{28}\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{12}\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
102777	1491	3080	$\frac{1}{20}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{19}{40}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{88}\ \Phi_{77}\ \Phi_{40}\ \Phi_{11}\ \Phi_8\ \Phi_1$
102778	1491	80	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{19}{40}$	$\Phi_{80}^{21}\ \Phi_{40}^{12}\ \Phi_{20}^{21}\ \Phi_{16}^{21}\ \Phi_{10}^{20}\ \Phi_8^{12}\ \Phi_5^{20}\ \Phi_4^{21}\ \Phi_2^{20}\ \Phi_1^{21}$
102779	1491	520	$\frac{23}{520}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{520}^3\ \Phi_{260}^3\ \Phi_{130}^2\ \Phi_{104}^3\ \Phi_{65}^3\ \Phi_{52}^3\ \Phi_{40}^3\ \Phi_{26}^2\ \Phi_{20}^3\ \Phi_{13}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
102780	1491	400	$\frac{13}{200}$	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{187}{400}$	$\Phi_{400}^7\ \Phi_{100}\ \Phi_{80}^7\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}^7\ \Phi_4\ \Phi_1$
102781	1491	132	$\frac{1}{22}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{132}^{21}\ \Phi_{66}^2\ \Phi_{44}^{21}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{12}^{21}\ \Phi_{11}\ \Phi_6\ \Phi_4^{21}\ \Phi_3\ \Phi_1$
102782	1491	920	$\frac{4}{115}$	$\frac{37}{460}$	$\frac{1}{5}$	$\frac{423}{920}$	$\Phi_{920}^3\ \Phi_{184}^3\ \Phi_{115}\ \Phi_{40}^3\ \Phi_{23}\ \Phi_8^3\ \Phi_1$
102783	1491	1600	$\frac{109}{1600}$	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{200}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{64}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
102784	1491	740	$\frac{11}{740}$	$\frac{1}{10}$	$\frac{243}{740}$	$\frac{9}{20}$	$\Phi_{740}^2\ \Phi_{370}^2\ \Phi_{185}^2\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
102785	1491	1520	$\frac{29}{1520}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{304}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{80}\ \Phi_{76}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{16}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
102786	1491	900	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{47}{450}$	$\frac{403}{900}$	$\Phi_{900}^{3}\ \Phi_{300}^{3}\ \Phi_{180}^{3}\ \Phi_{100}^{3}\ \Phi_{60}^{3}\ \Phi_{50}^{3}\ \Phi_{36}^{3}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102787	1491	1408	$\frac{1}{22}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{1408}^{2}\ \Phi_{128}\ \Phi_{88}^{2}\ \Phi_{44}^{2}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
102788	1491	880	$\frac{1}{22}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{880}^{2}\ \Phi_{440}^{2}\ \Phi_{220}^{2}\ \Phi_{110}^{2}\ \Phi_{88}^{2}\ \Phi_{80}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
102789	1491	1386	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{198}^{2}\ \Phi_{154}\ \Phi_{99}^{2}\ \Phi_{77}\ \Phi_{66}^{2}\ \Phi_{63}\ \Phi_{33}^{2}\ \Phi_{22}\ \Phi_{21}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
102790	1491	520	$\frac{23}{520}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{520}^{3}\ \Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{104}^{3}\ \Phi_{65}^{3}\ \Phi_{52}^{3}\ \Phi_{26}^{3}\ \Phi_{20}^{3}\ \Phi_{13}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102791	1491	636	$\frac{1}{106}$	$\frac{1}{6}$	$\frac{35}{106}$	$\frac{5}{12}$	$\Phi_{636}^{4}\ \Phi_{212}^{4}\ \Phi_{106}^{2}\ \Phi_{53}^{2}\ \Phi_{12}^{5}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102792	1491	72	$\frac{1}{72}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{72}^{21}\ \Phi_{36}^{21}\ \Phi_{24}^{21}\ \Phi_{18}^{21}\ \Phi_{12}^{20}\ \Phi_{9}^{21}\ \Phi_{8}^{21}\ \Phi_{6}^{19}\ \Phi_{4}^{19}\ \Phi_{3}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
102793	1491	3180	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{52}{265}$	$\frac{5}{12}$	$\Phi_{3180}\ \Phi_{1060}\ \Phi_{265}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
102794	1491	1320	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{1320}^{2}\ \Phi_{440}^{2}\ \Phi_{264}^{2}\ \Phi_{132}^{2}\ \Phi_{120}\ \Phi_{88}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{40}\ \Phi_{33}^{2}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
102795	1491	2500	$\frac{9}{250}$	$\frac{1}{10}$	$\frac{241}{1250}$	$\frac{1009}{2500}$	$\Phi_{2500}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
102796	1491	1660	$\frac{1}{83}$	$\frac{82}{415}$	$\frac{1}{4}$	$\frac{333}{830}$	$\Phi_{1660}\ \Phi_{415}\ \Phi_{332}^{2}\ \Phi_{166}\ \Phi_{83}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
102797	1491	165	$\frac{4}{165}$	$\frac{23}{165}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{165}^{9}\ \Phi_{55}^{9}\ \Phi_{33}^{9}\ \Phi_{15}^{9}\ \Phi_{11}^{9}\ \Phi_{5}^{10}\ \Phi_{3}^{9}\ \Phi_{1}^{11}$
102798	1491	75	$\frac{4}{75}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{75}^{21}\ \Phi_{25}^{21}\ \Phi_{15}^{15}\ \Phi_{5}^{16}\ \Phi_{3}^{15}\ \Phi_{1}^{17}$
102799	1491	800	$\frac{3}{100}$	$\frac{1}{10}$	$\frac{97}{400}$	$\frac{303}{800}$	$\Phi_{800}^{3}\ \Phi_{160}^{3}\ \Phi_{100}^{3}\ \Phi_{50}^{3}\ \Phi_{32}^{3}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102800	1491	1188	$\frac{1}{22}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{1188}^{2}\ \Phi_{396}^{2}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{108}\ \Phi_{99}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{36}\ \Phi_{33}^{2}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
102801	1491	954	$\frac{1}{106}$	$\frac{2}{9}$	$\frac{35}{106}$	$\frac{1}{3}$	$\Phi_{954}^{2}\ \Phi_{477}^{2}\ \Phi_{106}^{2}\ \Phi_{53}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102802	1491	660	$\frac{2}{165}$	$\frac{163}{660}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{2}\ \Phi_{165}^{3}\ \Phi_{132}^{2}\ \Phi_{110}^{2}\ \Phi_{66}^{2}\ \Phi_{60}^{2}\ \Phi_{55}^{3}\ \Phi_{44}^{2}\ \Phi_{33}^{3}\ \Phi_{30}^{2}\ \Phi_{22}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{11}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102803	1491	72	$\frac{1}{72}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{72}^{21}\ \Phi_{36}^{20}\ \Phi_{24}^{21}\ \Phi_{18}^{20}\ \Phi_{12}^{21}\ \Phi_{9}^{21}\ \Phi_{8}^{21}\ \Phi_{6}^{21}\ \Phi_{4}^{20}\ \Phi_{3}^{21}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
102804	1491	1188	$\frac{2}{99}$	$\frac{97}{594}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1188}^{2}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{132}\ \Phi_{108}^{2}\ \Phi_{99}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{27}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
102805	1491	1020	$\frac{13}{510}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^{2}\ \Phi_{510}\ \Phi_{340}^{2}\ \Phi_{255}\ \Phi_{204}^{2}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}^{2}\ \Phi_{60}\ \Phi_{51}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
102806	1491	540	$\frac{2}{45}$	$\frac{43}{540}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^{3}\ \Phi_{270}^{3}\ \Phi_{180}^{2}\ \Phi_{135}^{3}\ \Phi_{108}^{3}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{54}^{3}\ \Phi_{45}^{3}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{27}^{3}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102807	1491	528	$\frac{31}{528}$	$\frac{2}{33}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{176}^{3}\ \Phi_{132}^{2}\ \Phi_{88}^{3}\ \Phi_{66}^{2}\ \Phi_{48}^{3}\ \Phi_{44}^{2}\ \Phi_{33}^{3}\ \Phi_{24}^{3}\ \Phi_{22}^{2}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102808	1491	2385	$\frac{1}{53}$	$\frac{52}{265}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2385}\ \Phi_{265}\ \Phi_{45}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
102809	1491	1476	$\frac{5}{246}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{241}{738}$	$\Phi_{1476}^{2}\ \Phi_{738}\ \Phi_{369}\ \Phi_{36}^{2}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
102810	1491	210	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{34}{105}$	$\Phi_{210}^{10}\ \Phi_{105}^{11}\ \Phi_{42}^{10}\ \Phi_{30}^{10}\ \Phi_{21}^{11}\ \Phi_{15}^{11}\ \Phi_{10}^{2}\ \Phi_{6}^{10}\ \Phi_{5}^{2}\ \Phi_{3}^{11}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102811	1491	840	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{34}{105}$	$\Phi_{840}^{3}\ \Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{3}\ \Phi_{120}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{2}\ \Phi_{60}^{2}\ \Phi_{42}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102812	1491	525	$\frac{1}{35}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{34}{105}$	$\Phi_{525}^{5}\ \Phi_{105}\ \Phi_{75}^{5}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
102813	1491	575	$\frac{4}{115}$	$\frac{78}{575}$	$\frac{1}{5}$	$\frac{37}{115}$	$\Phi_{575}^{3}\ \Phi_{115}\ \Phi_{25}^{3}\ \Phi_{23}\ \Phi_{1}$
102814	1491	600	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{103}{600}$	$\frac{47}{150}$	$\Phi_{600}^{3}\ \Phi_{300}^{3}\ \Phi_{200}^{3}\ \Phi_{120}^{3}\ \Phi_{100}^{3}\ \Phi_{60}^{3}\ \Phi_{50}^{3}\ \Phi_{40}^{3}\ \Phi_{25}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102815	1491	720	$\frac{17}{240}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{223}{720}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{144}^{3}\ \Phi_{90}^{3}\ \Phi_{72}^{3}\ \Phi_{45}^{3}\ \Phi_{36}^{3}\ \Phi_{20}^{3}\ \Phi_{18}^{3}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
102816	1491	715	$\frac{4}{65}$	$\frac{61}{715}$	$\frac{1}{5}$	$\frac{218}{715}$	$\Phi_{715}^{2}\ \Phi_{143}^{2}\ \Phi_{65}^{3}\ \Phi_{55}^{2}\ \Phi_{13}^{3}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
102817	1491	150	$\frac{4}{75}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{150}^{10}\ \Phi_{75}^{11}\ \Phi_{50}^{10}\ \Phi_{30}^{10}\ \Phi_{25}^{11}\ \Phi_{15}^{11}\ \Phi_{10}^{2}\ \Phi_{6}^{10}\ \Phi_{5}^{2}\ \Phi_{3}^{11}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
102818	1491	420	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{84}$	$\frac{3}{10}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^5\ \Phi_{60}^4\ \Phi_{42}^5\ \Phi_{30}^4\ \Phi_{28}^5\ \Phi_{21}^5\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_{6}^5\ \Phi_{5}^2\ \Phi_{4}^5\ \Phi_{3}^5\ \Phi_{2}^2\ \Phi_{1}^3$
102819	1491	770	$\frac{6}{77}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{10}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}^3\ \Phi_{55}^2\ \Phi_{22}^2\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{2}^2\ \Phi_{1}^3$
102820	1491	80	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{3}{10}$	$\Phi_{80}^{21}\ \Phi_{40}^{21}\ \Phi_{20}^{21}\ \Phi_{16}^{21}\ \Phi_{10}^2\ \Phi_{8}^{21}\ \Phi_{5}^2\ \Phi_{4}^{21}\ \Phi_{2}^2\ \Phi_{1}^3$
102821	1491	100	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{13}{100}$	$\frac{29}{100}$	$\Phi_{100}^{15}\ \Phi_{50}^{15}\ \Phi_{25}^{15}\ \Phi_{20}^{15}\ \Phi_{10}^{14}\ \Phi_{5}^{14}\ \Phi_{4}^{15}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
102822	1491	540	$\frac{43}{540}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{60}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{90}^3\ \Phi_{54}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{10}^2\ \Phi_{9}^3\ \Phi_{5}^2\ \Phi_{4}^3\ \Phi_{2}^2\ \Phi_{1}^3$
102823	1491	690	$\frac{4}{115}$	$\frac{37}{230}$	$\frac{1}{5}$	$\frac{193}{690}$	$\Phi_{690}^3\ \Phi_{345}^3\ \Phi_{138}^3\ \Phi_{115}\ \Phi_{69}^3\ \Phi_{30}^3\ \Phi_{23}\ \Phi_{15}^3\ \Phi_{6}^3\ \Phi_{3}^3\ \Phi_{1}$
102824	1491	1056	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{96}\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
102825	1491	600	$\frac{4}{75}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{600}^3\ \Phi_{300}^2\ \Phi_{200}^3\ \Phi_{150}^2\ \Phi_{120}^3\ \Phi_{100}^2\ \Phi_{75}^3\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{8}^3\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
102826	1491	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{84}$	$\frac{1}{4}$	$\Phi_{168}^{12}\ \Phi_{84}^9\ \Phi_{56}^6\ \Phi_{42}^9\ \Phi_{28}^5\ \Phi_{24}^{12}\ \Phi_{21}^9\ \Phi_{14}^4\ \Phi_{12}^9\ \Phi_{8}^9\ \Phi_{7}^4\ \Phi_{6}^9\ \Phi_{4}^7\ \Phi_{3}^9\ \Phi_{2}^6\ \Phi_{1}^7$
102827	1491	616	$\frac{6}{77}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{616}^3\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{88}^3\ \Phi_{77}^3\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
102828	1491	80	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{80}^{21}\ \Phi_{40}^{15}\ \Phi_{20}^{17}\ \Phi_{16}^{21}\ \Phi_{10}^{16}\ \Phi_{8}^{18}\ \Phi_{5}^{16}\ \Phi_{4}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
102829	1491	1840	$\frac{4}{115}$	$\frac{349}{1840}$	$\frac{1}{5}$	$\frac{111}{460}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{368}\ \Phi_{184}\ \Phi_{115}\ \Phi_{80}\ \Phi_{40}\ \Phi_{23}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
102830	1491	640	$\frac{1}{10}$	$\frac{17}{160}$	$\frac{3}{20}$	$\frac{143}{640}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^3\ \Phi_{2}^2\ \Phi_{1}^3$
102831	1491	80	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{3}{20}$	$\frac{17}{80}$	$\Phi_{80}^{18}\ \Phi_{40}^{18}\ \Phi_{20}^{21}\ \Phi_{16}^{18}\ \Phi_{10}^{20}\ \Phi_{8}^{18}\ \Phi_{5}^{20}\ \Phi_{4}^{21}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
102832	1491	75	$\frac{4}{75}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{75}^{21}\ \Phi_{25}^{17}\ \Phi_{15}^{21}\ \Phi_{5}^{20}\ \Phi_{3}^{21}\ \Phi_{1}^{21}$
102833	1491	175	$\frac{2}{35}$	$\frac{4}{25}$	$\frac{33}{175}$	$\frac{1}{5}$	$\Phi_{175}^8\ \Phi_{35}^{10}\ \Phi_{25}^9\ \Phi_{7}^{10}\ \Phi_{5}^{10}\ \Phi_{1}^{11}$
102834	1491	2100	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{42}\ \Phi_{28}\ \Phi_{25}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
102835	1491	1925	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1925}\ \Phi_{275}\ \Phi_{77}\ \Phi_{25}\ \Phi_{11}\ \Phi_{1}$
102836	1491	400	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{400}^5\ \Phi_{200}^5\ \Phi_{100}^5\ \Phi_{80}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
102837	1491	600	$\frac{1}{10}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{103}{600}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^3\ \Phi_{2}^2\ \Phi_{1}^3$
102838	1492	744	$\frac{1}{372}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{371}{744}$	$\Phi_{744}^4\ \Phi_{248}^4\ \Phi_{24}^4\ \Phi_{8}^4\ \Phi_{3}\ \Phi_{1}^2$
102839	1492	498	$\frac{1}{249}$	$\frac{125}{498}$	$\frac{1}{3}$	$\frac{124}{249}$	$\Phi_{498}^4\ \Phi_{249}^2\ \Phi_{166}^4\ \Phi_{83}^2\ \Phi_{6}^4\ \Phi_{3}\ \Phi_{2}^4\ \Phi_{1}^2$
102840	1492	639	$\frac{1}{213}$	$\frac{107}{639}$	$\frac{266}{639}$	$\frac{106}{213}$	$\Phi_{639}^2\ \Phi_{213}^3\ \Phi_{71}^3\ \Phi_{9}^2\ \Phi_{3}^3\ \Phi_{1}^4$
102841	1492	1485	$\frac{7}{1485}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{739}{1485}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{27}\ \Phi_{15}\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
102842	1492	742	$\frac{2}{371}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{369}{742}$	$\Phi_{742}^4\ \Phi_{106}^4\ \Phi_{14}^4\ \Phi_{7}\ \Phi_{2}^4\ \Phi_{1}^2$
102843	1492	497	$\frac{3}{497}$	$\frac{124}{497}$	$\frac{125}{497}$	$\frac{247}{497}$	$\Phi_{497}^3\ \Phi_{71}^3\ \Phi_{7}^3\ \Phi_{1}^4$
102844	1492	738	$\frac{4}{369}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{365}{738}$	$\Phi_{738}^4\ \Phi_{246}^4\ \Phi_{82}^4\ \Phi_{18}^4\ \Phi_{9}^2\ \Phi_{6}^4\ \Phi_{3}\ \Phi_{2}^4\ \Phi_{1}^2$
102845	1492	1245	$\frac{1}{83}$	$\frac{42}{415}$	$\frac{1}{3}$	$\frac{41}{83}$	$\Phi_{1245}^2\ \Phi_{249}\ \Phi_{15}^2$
102846	1492	710	$\frac{1}{71}$	$\frac{18}{355}$	$\frac{337}{710}$	$\frac{35}{71}$	$\Phi_{710}^4\ \Phi_{142}^4\ \Phi_{71}\ \Phi_{10}^4\ \Phi_{2}^4\ \Phi_{1}^2$
102847	1492	1065	$\frac{1}{71}$	$\frac{36}{355}$	$\frac{319}{1065}$	$\frac{35}{71}$	$\Phi_{1065}^2\ \Phi_{213}^2\ \Phi_{71}\ \Phi_{15}^2\ \Phi_{3}^2\ \Phi_{1}^2$
102848	1492	426	$\frac{1}{71}$	$\frac{53}{426}$	$\frac{18}{71}$	$\frac{35}{71}$	$\Phi_{426}^4\ \Phi_{213}^4\ \Phi_{142}^4\ \Phi_{71}\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^2$
102849	1492	735	$\frac{11}{735}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{362}{735}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}^2\ \Phi_{105}^2\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_{7}^3\ \Phi_{5}^2\ \Phi_{3}^3\ \Phi_{1}^4$
102850	1492	3630	$\frac{10}{363}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{353}{726}$	$\Phi_{3630}\ \Phi_{1210}\ \Phi_{330}\ \Phi_{110}\ \Phi_{55}\ \Phi_{30}\ \Phi_{10}$
102851	1492	2040	$\frac{1}{34}$	$\frac{35}{408}$	$\frac{1}{5}$	$\frac{33}{68}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{120}\ \Phi_{85}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
102852	1492	1449	$\frac{43}{1449}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{703}{1449}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{161}\ \Phi_{69}\ \Phi_{63}^2\ \Phi_{23}\ \Phi_{21}\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
102853	1492	504	$\frac{5}{126}$	$\frac{1}{21}$	$\frac{131}{504}$	$\frac{121}{252}$	$\Phi_{504}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{72}^4\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_7^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
102854	1492	714	$\frac{16}{357}$	$\frac{1}{21}$	$\frac{5}{21}$	$\frac{341}{714}$	$\Phi_{714}^4\ \Phi_{238}^4\ \Phi_{102}^4\ \Phi_{42}^4\ \Phi_{34}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
102855	1492	3570	$\frac{16}{357}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{341}{714}$	$\Phi_{3570}\ \Phi_{1190}\ \Phi_{510}\ \Phi_{210}\ \Phi_{170}\ \Phi_{85}\ \Phi_{70}\ \Phi_{30}\ \Phi_{10}$
102856	1492	1980	$\frac{1}{22}$	$\frac{23}{396}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{180}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
102857	1492	441	$\frac{1}{21}$	$\frac{11}{147}$	$\frac{68}{441}$	$\frac{10}{21}$	$\Phi_{441}^4\ \Phi_{147}^2\ \Phi_{63}^4\ \Phi_{49}^2\ \Phi_{21}^3\ \Phi_9^4\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
102858	1492	420	$\frac{1}{21}$	$\frac{11}{105}$	$\frac{47}{420}$	$\frac{10}{21}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^2\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_7^3\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
102859	1492	3520	$\frac{1}{22}$	$\frac{21}{352}$	$\frac{1}{5}$	$\frac{331}{704}$	$\Phi_{3520}\ \Phi_{320}\ \Phi_{110}\ \Phi_{55}\ \Phi_{10}$
102860	1492	693	$\frac{1}{21}$	$\frac{53}{693}$	$\frac{10}{63}$	$\frac{320}{693}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}^2\ \Phi_{77}^2\ \Phi_{63}^4\ \Phi_{33}^2\ \Phi_{21}^3\ \Phi_{11}^2\ \Phi_9^4\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
102861	1492	680	$\frac{1}{34}$	$\frac{33}{340}$	$\frac{1}{5}$	$\frac{307}{680}$	$\Phi_{680}^4\ \Phi_{170}\ \Phi_{136}^4\ \Phi_{85}\ \Phi_{40}^4\ \Phi_{10}\ \Phi_8^4$
102862	1492	672	$\frac{1}{21}$	$\frac{37}{336}$	$\frac{5}{42}$	$\frac{299}{672}$	$\Phi_{672}^4\ \Phi_{224}^4\ \Phi_{96}^4\ \Phi_{42}^4\ \Phi_{32}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
102863	1492	378	$\frac{5}{378}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{126}^4\ \Phi_{63}^4\ \Phi_{54}^4\ \Phi_{42}^4\ \Phi_{27}^4\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^2\ \Phi_7^4\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
102864	1492	420	$\frac{1}{21}$	$\frac{47}{420}$	$\frac{5}{42}$	$\frac{37}{84}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{21}^3\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^3\ \Phi_6^4\ \Phi_5^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
102865	1492	1992	$\frac{1}{83}$	$\frac{41}{332}$	$\frac{1}{3}$	$\frac{291}{664}$	$\Phi_{1992}^2\ \Phi_{249}\ \Phi_{24}^2$
102866	1492	1323	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{169}{1323}$	$\frac{577}{1323}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{189}^2\ \Phi_{147}\ \Phi_{63}^2\ \Phi_{49}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
102867	1492	1113	$\frac{4}{371}$	$\frac{1}{7}$	$\frac{367}{1113}$	$\frac{3}{7}$	$\Phi_{1113}^2\ \Phi_{159}^2\ \Phi_{21}^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
102868	1492	378	$\frac{5}{378}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{126}^4\ \Phi_{63}^4\ \Phi_{54}^4\ \Phi_{42}^4\ \Phi_{27}^4\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^4\ \Phi_7\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^2$
102869	1492	630	$\frac{1}{21}$	$\frac{5}{63}$	$\frac{58}{315}$	$\frac{257}{630}$	$\Phi_{630}^4\ \Phi_{210}^4\ \Phi_{126}^4\ \Phi_{90}^4\ \Phi_{70}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_7^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
102870	1492	1245	$\frac{2}{249}$	$\frac{247}{1245}$	$\frac{1}{3}$	$\frac{499}{1245}$	$\Phi_{1245}\ \Phi_{415}\ \Phi_{249}^2\ \Phi_{83}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
102871	1492	567	$\frac{1}{21}$	$\frac{10}{189}$	$\frac{179}{567}$	$\frac{194}{567}$	$\Phi_{567}^2\ \Phi_{189}^4\ \Phi_{81}^2\ \Phi_{63}^4\ \Phi_{27}^4\ \Phi_{21}^3\ \Phi_9^4\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
102872	1492	375	$\frac{2}{375}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{375}^4\ \Phi_{125}^4\ \Phi_{75}^4\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
102873	1492	558	$\frac{1}{186}$	$\frac{185}{558}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{558}^4\ \Phi_{279}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
102874	1492	1128	$\frac{3}{376}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{376}^2\ \Phi_{282}\ \Phi_{188}^2\ \Phi_{141}\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
102875	1492	1488	$\frac{1}{124}$	$\frac{123}{496}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}^2\ \Phi_{248}^2\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
102876	1492	465	$\frac{1}{93}$	$\frac{92}{465}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{465}^4\ \Phi_{155}^4\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
102877	1492	378	$\frac{5}{378}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{126}^4\ \Phi_{63}^4\ \Phi_{54}^4\ \Phi_{42}^4\ \Phi_{27}^4\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
102878	1492	1302	$\frac{1}{62}$	$\frac{61}{434}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}^2\ \Phi_{217}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
102879	1492	837	$\frac{2}{93}$	$\frac{91}{837}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{837}^2\ \Phi_{279}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
102880	1492	384	$\frac{11}{384}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{384}^4\ \Phi_{192}^4\ \Phi_{128}^4\ \Phi_{96}^4\ \Phi_{64}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
102881	1492	1209	$\frac{1}{31}$	$\frac{30}{403}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1209}\ \Phi_{403}^2\ \Phi_{39}\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
102882	1492	1107	$\frac{8}{369}$	$\frac{1}{9}$	$\frac{361}{1107}$	$\frac{1}{3}$	$\Phi_{1107}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
102883	1492	378	$\frac{5}{378}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{126}^4\ \Phi_{63}^4\ \Phi_{54}^4\ \Phi_{42}^4\ \Phi_{27}^3\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
102884	1492	498	$\frac{1}{83}$	$\frac{41}{166}$	$\frac{125}{498}$	$\frac{1}{3}$	$\Phi_{498}^2\ \Phi_{249}^3\ \Phi_{166}^4\ \Phi_{83}^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
102885	1492	495	$\frac{7}{495}$	$\frac{2}{9}$	$\frac{122}{495}$	$\frac{1}{3}$	$\Phi_{495}^3\ \Phi_{165}^3\ \Phi_{99}^3\ \Phi_{55}^3\ \Phi_{45}^3\ \Phi_{33}^3\ \Phi_{15}^3\ \Phi_{11}^3\ \Phi_9^4\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
102886	1492	891	$\frac{7}{297}$	$\frac{145}{891}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{891}^2\ \Phi_{297}\ \Phi_{99}\ \Phi_{81}^2\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
102887	1492	765	$\frac{19}{765}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^2\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{45}\ \Phi_{17}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
102888	1492	405	$\frac{7}{135}$	$\frac{32}{405}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{405}^4\ \Phi_{135}^3\ \Phi_{81}^4\ \Phi_{45}^3\ \Phi_{27}^3\ \Phi_{15}^3\ \Phi_{9}^4\ \Phi_{5}^3\ \Phi_{3}^3\ \Phi_{1}^4$
102889	1492	396	$\frac{23}{396}$	$\frac{7}{99}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^4\ \Phi_{99}^3\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{36}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{11}^3\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^4$
102890	1492	2040	$\frac{1}{17}$	$\frac{35}{408}$	$\frac{1}{5}$	$\frac{16}{51}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{340}\ \Phi_{170}\ \Phi_{120}\ \Phi_{85}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
102891	1492	1980	$\frac{23}{396}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{110}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
102892	1492	2640	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{1}{5}$	$\frac{155}{528}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{240}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
102893	1492	510	$\frac{1}{34}$	$\frac{33}{170}$	$\frac{1}{5}$	$\frac{137}{510}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{170}\ \Phi_{102}^4\ \Phi_{85}\ \Phi_{51}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}\ \Phi_{6}^4\ \Phi_{3}^4$
102894	1492	504	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{37}{168}$	$\frac{131}{504}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{126}^4\ \Phi_{72}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{9}^4\ \Phi_{7}^3\ \Phi_{6}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^4$
102895	1492	460	$\frac{3}{115}$	$\frac{87}{460}$	$\frac{28}{115}$	$\frac{1}{4}$	$\Phi_{460}^3\ \Phi_{230}^3\ \Phi_{115}^4\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{23}^4\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_{5}^4\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^4$
102896	1492	440	$\frac{1}{22}$	$\frac{67}{440}$	$\frac{1}{5}$	$\frac{21}{88}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{110}^4\ \Phi_{88}^4\ \Phi_{55}^4\ \Phi_{44}^4\ \Phi_{40}^3\ \Phi_{22}^4\ \Phi_{20}^3\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
102897	1492	2420	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{111}{484}$	$\Phi_{2420}\ \Phi_{1210}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{20}\ \Phi_{10}$
102898	1492	2380	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{1}{5}$	$\frac{103}{476}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{340}\ \Phi_{170}\ \Phi_{140}\ \Phi_{85}\ \Phi_{70}\ \Phi_{20}\ \Phi_{10}$
102899	1493	2976	$\frac{5}{1488}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1483}{2976}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{96}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
102900	1493	1632	$\frac{3}{136}$	$\frac{139}{1632}$	$\frac{1}{4}$	$\frac{133}{272}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{96}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{32}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
102901	1493	2904	$\frac{41}{1452}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1411}{2904}$	$\Phi_{2904}\ \Phi_{968}\ \Phi_{264}\ \Phi_{88}\ \Phi_{44}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
102902	1493	1584	$\frac{3}{88}$	$\frac{91}{1584}$	$\frac{1}{4}$	$\frac{85}{176}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
102903	1493	2856	$\frac{3}{68}$	$\frac{65}{1428}$	$\frac{1}{4}$	$\frac{1363}{2856}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{168}\ \Phi_{136}\ \Phi_{68}\ \Phi_{56}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
102904	1493	2816	$\frac{3}{88}$	$\frac{85}{1408}$	$\frac{1}{4}$	$\frac{1323}{2816}$	$\Phi_{2816}\ \Phi_{256}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
102905	1493	2720	$\frac{3}{136}$	$\frac{133}{1360}$	$\frac{1}{4}$	$\frac{1227}{2720}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{160}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
102906	1493	2232	$\frac{5}{744}$	$\frac{1}{4}$	$\frac{739}{2232}$	$\frac{3}{8}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{558}\ \Phi_{279}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
102907	1493	1504	$\frac{11}{1504}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1504}\ \Phi_{752}\ \Phi_{376}\ \Phi_{188}\ \Phi_{94}\ \Phi_{47}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
102908	1493	1984	$\frac{5}{496}$	$\frac{491}{1984}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{64}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
102909	1493	1512	$\frac{19}{1512}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
102910	1493	1736	$\frac{5}{248}$	$\frac{243}{1736}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{434}\ \Phi_{217}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
102911	1493	1536	$\frac{43}{1536}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
102912	1493	1632	$\frac{3}{68}$	$\frac{139}{1632}$	$\frac{1}{4}$	$\frac{65}{204}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{136}\ \Phi_{96}\ \Phi_{68}\ \Phi_{48}\ \Phi_{34}\ \Phi_{32}\ \Phi_{24}\ \Phi_{17}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
102913	1493	1584	$\frac{91}{1584}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}\ \Phi_{16}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
102914	1493	2112	$\frac{3}{88}$	$\frac{85}{704}$	$\frac{1}{4}$	$\frac{619}{2112}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
102915	1493	2040	$\frac{3}{136}$	$\frac{133}{680}$	$\frac{1}{4}$	$\frac{547}{2040}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}\ \Phi_{102}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{34}\ \Phi_{30}\ \Phi_{24}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
102916	1493	1760	$\frac{3}{88}$	$\frac{267}{1760}$	$\frac{85}{352}$	$\frac{1}{4}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
102917	1493	1936	$\frac{3}{44}$	$\frac{41}{484}$	$\frac{443}{1936}$	$\frac{1}{4}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
102918	1493	1904	$\frac{3}{68}$	$\frac{65}{476}$	$\frac{411}{1904}$	$\frac{1}{4}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{272}\ \Phi_{136}\ \Phi_{112}\ \Phi_{68}\ \Phi_{56}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
102919	1494	2480	$\frac{1}{248}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{247}{496}$	$\Phi_{2480}\ \Phi_{496}^2\ \Phi_{80}\ \Phi_{16}^2\ \Phi_{5}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
102920	1494	1488	$\frac{1}{248}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{247}{496}$	$\Phi_{1488}^3\ \Phi_{48}^3\ \Phi_{12}\ \Phi_6$
102921	1494	2640	$\frac{1}{165}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{82}{165}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}\ \Phi_{165}\ \Phi_{80}\ \Phi_{55}\ \Phi_{48}\ \Phi_{33}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{11}\ \Phi_5\ \Phi_3\ \Phi_1^2$
102922	1494	660	$\frac{1}{165}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{82}{165}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^3\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^3\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
102923	1494	1493	$\frac{13}{1493}$	$\frac{251}{1493}$	$\frac{414}{1493}$	$\frac{740}{1493}$	$\Phi_{1493}\ \Phi_1^2$
102924	1494	1996	$\frac{5}{499}$	$\frac{84}{499}$	$\frac{1}{4}$	$\frac{247}{499}$	$\Phi_{1996}\ \Phi_{998}$
102925	1494	2788	$\frac{1}{82}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{81}{164}$	$\Phi_{2788}\ \Phi_{164}^2\ \Phi_{68}\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
102926	1494	2460	$\frac{1}{82}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{81}{164}$	$\Phi_{2460}^2\ \Phi_{492}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
102927	1494	2788	$\frac{1}{82}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{81}{164}$	$\Phi_{2788}\ \Phi_{164}^2\ \Phi_{68}\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
102928	1494	1148	$\frac{1}{82}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{81}{164}$	$\Phi_{1148}\ \Phi_{574}^2\ \Phi_{287}^2\ \Phi_{28}^2\ \Phi_{14}^3\ \Phi_7^2$
102929	1494	4422	$\frac{10}{737}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{727}{1474}$	$\Phi_{4422}\ \Phi_{402}\ \Phi_{66}\ \Phi_{33}\ \Phi_6$
102930	1494	816	$\frac{1}{68}$	$\frac{23}{272}$	$\frac{1}{3}$	$\frac{67}{136}$	$\Phi_{816}^3\ \Phi_{408}^2\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{48}^3\ \Phi_{24}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
102931	1494	490	$\frac{4}{245}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{241}{490}$	$\Phi_{490}^6\ \Phi_{98}^6\ \Phi_{70}^6\ \Phi_{35}\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_2^6$
102932	1494	700	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{17}{100}$	$\frac{49}{100}$	$\Phi_{700}^2\ \Phi_{350}^3\ \Phi_{175}^3\ \Phi_{140}^2\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{14}^3\ \Phi_7^2$
102933	1494	4386	$\frac{16}{731}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{715}{1462}$	$\Phi_{4386}\ \Phi_{258}\ \Phi_{102}\ \Phi_{51}\ \Phi_6$
102934	1494	264	$\frac{1}{44}$	$\frac{5}{88}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{264}^8\ \Phi_{132}^9\ \Phi_{66}^9\ \Phi_{33}^9\ \Phi_{24}^8\ \Phi_{12}^9\ \Phi_6^9\ \Phi_3^8$
102935	1494	3078	$\frac{2}{81}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{3078}\ \Phi_{1026}\ \Phi_{342}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
102936	1494	1452	$\frac{7}{242}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{235}{484}$	$\Phi_{1452}^3\ \Phi_{132}^3\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}^3\ \Phi_6$
102937	1494	2128	$\frac{1}{28}$	$\frac{1}{19}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{2128}\ \Phi_{532}\ \Phi_{304}\ \Phi_{266}\ \Phi_{133}\ \Phi_{76}\ \Phi_{38}$
102938	1494	3040	$\frac{3}{80}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{76}\ \Phi_{38}$
102939	1494	1120	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{77}{160}$	$\Phi_{1120}^3\ \Phi_{224}^3\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
102940	1494	1428	$\frac{1}{34}$	$\frac{11}{238}$	$\frac{1}{3}$	$\frac{227}{476}$	$\Phi_{1428}^3\ \Phi_{204}^3\ \Phi_{102}\ \Phi_{84}^3\ \Phi_{51}\ \Phi_{12}^3\ \Phi_6$
102941	1494	2091	$\frac{1}{41}$	$\frac{1}{17}$	$\frac{40}{123}$	$\frac{8}{17}$	$\Phi_{2091}\ \Phi_{123}^2\ \Phi_{51}\ \Phi_{17}\ \Phi_3^2\ \Phi_1^2$
102942	1494	4224	$\frac{1}{44}$	$\frac{43}{704}$	$\frac{1}{3}$	$\frac{661}{1408}$	$\Phi_{4224}\ \Phi_{384}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
102943	1494	2964	$\frac{1}{19}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{73}{156}$	$\Phi_{2964}\ \Phi_{988}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
102944	1494	2926	$\frac{1}{19}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{154}$	$\Phi_{2926}\ \Phi_{418}\ \Phi_{266}\ \Phi_{133}\ \Phi_{38}$
102945	1494	1824	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{11}{24}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{304}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
102946	1494	4080	$\frac{1}{68}$	$\frac{67}{680}$	$\frac{1}{3}$	$\frac{613}{1360}$	$\Phi_{4080}\ \Phi_{816}\ \Phi_{240}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
102947	1494	1820	$\frac{11}{260}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{182}\ \Phi_{91}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
102948	1494	1050	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{1}{7}$	$\frac{67}{150}$	$\Phi_{1050}^3\ \Phi_{350}^3\ \Phi_{210}^3\ \Phi_{175}\ \Phi_{70}^3\ \Phi_{42}^3\ \Phi_{35}\ \Phi_{14}^3$
102949	1494	336	$\frac{1}{84}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{336}^8\ \Phi_{112}^8\ \Phi_{84}^2\ \Phi_{48}^7\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{16}^8\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102950	1494	880	$\frac{1}{55}$	$\frac{1}{8}$	$\frac{27}{110}$	$\frac{7}{16}$	$\Phi_{880}^3\ \Phi_{176}^3\ \Phi_{110}^2\ \Phi_{80}^3\ \Phi_{55}\ \Phi_{22}^2\ \Phi_{16}^4\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
102951	1494	1360	$\frac{2}{85}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{1360}^2\ \Phi_{272}^2\ \Phi_{85}^2\ \Phi_{80}\ \Phi_{17}^2\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
102952	1494	1584	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{16}{99}$	$\frac{7}{16}$	$\Phi_{1584}^2\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}^2\ \Phi_{99}^2\ \Phi_{48}\ \Phi_{33}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
102953	1494	176	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{176}^{15}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{16}^{16}\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
102954	1494	720	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{720}^4\ \Phi_{240}^3\ \Phi_{144}^4\ \Phi_{90}^2\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{16}^4\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
102955	1494	2736	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{144}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
102956	1494	2660	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{57}{140}$	$\Phi_{2660}\ \Phi_{532}\ \Phi_{380}\ \Phi_{266}\ \Phi_{133}\ \Phi_{76}\ \Phi_{38}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
102957	1494	620	$\frac{1}{124}$	$\frac{1}{5}$	$\frac{41}{124}$	$\frac{2}{5}$	$\Phi_{620}^2\ \Phi_{310}^2\ \Phi_{155}^2\ \Phi_{124}^4\ \Phi_{62}^4\ \Phi_{31}^4\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
102958	1494	420	$\frac{1}{84}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^6\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{42}^6\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_{10}^2\ \Phi_7^6\ \Phi_6^6\ \Phi_5^3\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
102959	1494	310	$\frac{1}{62}$	$\frac{61}{310}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{310}^5\ \Phi_{155}^5\ \Phi_{62}^4\ \Phi_{31}^4\ \Phi_{10}^5\ \Phi_5^6\ \Phi_2^4\ \Phi_1^6$
102960	1494	1280	$\frac{7}{256}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}^2\ \Phi_{160}\ \Phi_{128}^2\ \Phi_{80}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
102961	1494	465	$\frac{1}{31}$	$\frac{10}{93}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{465}^3\ \Phi_{155}^2\ \Phi_{93}^6\ \Phi_{31}^4\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3^6\ \Phi_1^6$
102962	1494	1493	$\frac{11}{1493}$	$\frac{333}{1493}$	$\frac{494}{1493}$	$\frac{580}{1493}$	$\Phi_{1493}\ \Phi_1^2$
102963	1494	2800	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{49}{200}$	$\frac{151}{400}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{350}\ \Phi_{175}\ \Phi_{112}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
102964	1494	2256	$\frac{5}{752}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
102965	1494	1672	$\frac{1}{19}$	$\frac{5}{88}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{418}\ \Phi_{209}\ \Phi_{76}\ \Phi_{38}$
102966	1494	1596	$\frac{1}{84}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{228}\ \Phi_{133}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
102967	1494	2394	$\frac{1}{21}$	$\frac{1}{19}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{2394}\ \Phi_{798}\ \Phi_{399}\ \Phi_{342}\ \Phi_{266}\ \Phi_{133}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
102968	1494	1493	$\frac{14}{1493}$	$\frac{331}{1493}$	$\frac{493}{1493}$	$\frac{500}{1493}$	$\Phi_{1493}\ \Phi_1^2$
102969	1494	1996	$\frac{4}{499}$	$\frac{1}{4}$	$\frac{165}{499}$	$\frac{167}{499}$	$\Phi_{1996}\ \Phi_{998}$
102970	1494	1122	$\frac{1}{187}$	$\frac{62}{187}$	$\frac{1}{3}$	$\frac{125}{374}$	$\Phi_{1122}^3\ \Phi_{561}\ \Phi_{102}^3\ \Phi_{66}^3\ \Phi_{51}\ \Phi_{33}\ \Phi_6^3$
102971	1494	372	$\frac{1}{124}$	$\frac{1}{4}$	$\frac{41}{124}$	$\frac{1}{3}$	$\Phi_{372}^6\ \Phi_{186}^6\ \Phi_{93}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
102972	1494	2244	$\frac{7}{748}$	$\frac{167}{748}$	$\frac{247}{748}$	$\frac{1}{3}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{561}\ \Phi_{204}\ \Phi_{132}\ \Phi_{102}\ \Phi_{66}\ \Phi_{51}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
102973	1494	1230	$\frac{1}{41}$	$\frac{1}{10}$	$\frac{40}{123}$	$\frac{1}{3}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{410}^2\ \Phi_{246}\ \Phi_{205}^2\ \Phi_{82}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_2^2$
102974	1494	816	$\frac{1}{34}$	$\frac{23}{272}$	$\frac{11}{34}$	$\frac{1}{3}$	$\Phi_{816}^3\ \Phi_{408}^3\ \Phi_{204}^3\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6$
102975	1494	264	$\frac{1}{22}$	$\frac{5}{88}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{264}^9\ \Phi_{132}^9\ \Phi_{66}^7\ \Phi_{33}^7\ \Phi_{24}^9\ \Phi_{12}^9\ \Phi_6^7\ \Phi_3^6$
102976	1494	1056	$\frac{1}{44}$	$\frac{43}{352}$	$\frac{103}{352}$	$\frac{1}{3}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{264}^2\ \Phi_{132}^3\ \Phi_{96}^2\ \Phi_{66}^3\ \Phi_{48}^2\ \Phi_{33}^3\ \Phi_{24}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
102977	1494	1020	$\frac{1}{68}$	$\frac{67}{340}$	$\frac{91}{340}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{255}^2\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{60}^2\ \Phi_{51}^3\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
102978	1494	84	$\frac{1}{84}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^{18}\ \Phi_{42}^{18}\ \Phi_{28}^{18}\ \Phi_{21}^{18}\ \Phi_{14}^{18}\ \Phi_{12}^{16}\ \Phi_7^{18}\ \Phi_6^{16}\ \Phi_4^{18}\ \Phi_3^{15}\ \Phi_2^{18}\ \Phi_1^{18}$
102979	1494	2976	$\frac{3}{248}$	$\frac{245}{992}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2976}\ \Phi_{1488}\ \Phi_{96}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
102980	1494	1860	$\frac{1}{62}$	$\frac{61}{310}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1860}^2\ \Phi_{930}\ \Phi_{465}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
102981	1494	2604	$\frac{3}{124}$	$\frac{121}{868}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2604}\ \Phi_{1302}\ \Phi_{651}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
102982	1494	768	$\frac{7}{256}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{768}^3\ \Phi_{384}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{12}\ \Phi_6$
102983	1494	372	$\frac{1}{31}$	$\frac{10}{93}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{372}^5\ \Phi_{186}^5\ \Phi_{124}^6\ \Phi_{62}^6\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_2^6$
102984	1494	2640	$\frac{1}{44}$	$\frac{133}{880}$	$\frac{43}{176}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{240}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
102985	1494	2052	$\frac{1}{19}$	$\frac{2}{27}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
102986	1494	2904	$\frac{1}{22}$	$\frac{21}{242}$	$\frac{221}{968}$	$\frac{1}{3}$	$\Phi_{2904}\ \Phi_{1452}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
102987	1494	1710	$\frac{1}{19}$	$\frac{7}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{342}\ \Phi_{285}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{57}\ \Phi_{38}$
102988	1494	2856	$\frac{1}{34}$	$\frac{33}{238}$	$\frac{205}{952}$	$\frac{1}{3}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{408}\ \Phi_{204}\ \Phi_{168}\ \Phi_{102}\ \Phi_{84}\ \Phi_{51}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
102989	1494	264	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{264}^9\ \Phi_{132}^9\ \Phi_{66}^9\ \Phi_{33}^5\ \Phi_{24}^9\ \Phi_{12}^9\ \Phi_6^9\ \Phi_3^4$
102990	1494	2091	$\frac{1}{41}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{40}{123}$	$\Phi_{2091}\ \Phi_{123}^2\ \Phi_{51}\ \Phi_{17}\ \Phi_3^2\ \Phi_1^2$
102991	1494	3444	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{40}{123}$	$\Phi_{3444}\ \Phi_{1722}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}$
102992	1494	700	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{17}{100}$	$\frac{8}{25}$	$\Phi_{700}^3\ \Phi_{350}^3\ \Phi_{175}\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{35}\ \Phi_{28}^3\ \Phi_{14}^3$
102993	1494	2280	$\frac{1}{19}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
102994	1494	840	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{37}{120}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{168}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}\ \Phi_{42}^3\ \Phi_{35}\ \Phi_{21}^3\ \Phi_{14}$
102995	1494	2052	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{513}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
102996	1494	630	$\frac{7}{90}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{10}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{126}^3\ \Phi_{105}^3\ \Phi_{70}\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{35}\ \Phi_{21}^3\ \Phi_{14}$
102997	1494	220	$\frac{1}{55}$	$\frac{27}{110}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{220}^6\ \Phi_{110}^8\ \Phi_{55}^7\ \Phi_{44}^6\ \Phi_{22}^8\ \Phi_{20}^6\ \Phi_{11}^7\ \Phi_{10}^8\ \Phi_5^7\ \Phi_4^8\ \Phi_2^{10}\ \Phi_1^{10}$
102998	1494	340	$\frac{2}{85}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{340}^4\ \Phi_{170}^4\ \Phi_{85}^6\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{20}^2\ \Phi_{17}^6\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
102999	1494	396	$\frac{1}{33}$	$\frac{16}{99}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^2\ \Phi_{99}^6\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^4\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}^4\ \Phi_{12}^2\ \Phi_{11}^3\ \Phi_9^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
103000	1494	88	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{88}^{18}\ \Phi_{44}^{16}\ \Phi_{22}^{16}\ \Phi_{11}^{15}\ \Phi_8^{18}\ \Phi_4^{18}\ \Phi_2^{18}\ \Phi_1^{18}$
103001	1494	180	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{180}^8\ \Phi_{90}^{10}\ \Phi_{60}^6\ \Phi_{45}^{10}\ \Phi_{36}^8\ \Phi_{30}^8\ \Phi_{20}^6\ \Phi_{18}^{10}\ \Phi_{15}^7\ \Phi_{12}^6\ \Phi_{10}^8\ \Phi_9^{10}\ \Phi_6^8\ \Phi_5^7\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
103002	1494	1824	$\frac{1}{19}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
103003	1494	1900	$\frac{1}{19}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{475}\ \Phi_{76}\ \Phi_{38}$
103004	1494	280	$\frac{1}{10}$	$\frac{31}{280}$	$\frac{1}{7}$	$\frac{9}{40}$	$\Phi_{280}^5\ \Phi_{140}^5\ \Phi_{70}^6\ \Phi_{56}^5\ \Phi_{40}^6\ \Phi_{35}^6\ \Phi_{28}^5\ \Phi_{20}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_5^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
103005	1494	2240	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{7}$	$\frac{71}{320}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{224}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
103006	1494	280	$\frac{31}{280}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{56}^6\ \Phi_{40}^6\ \Phi_{35}\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6$
103007	1494	700	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{17}{100}$	$\Phi_{700}^3\ \Phi_{350}^3\ \Phi_{175}^3\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
103008	1495	1192	$\frac{1}{298}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{297}{596}$	$\Phi_{1192}^2\ \Phi_{596}\ \Phi_8^3\ \Phi_4\ \Phi_1$
103009	1495	2976	$\frac{7}{1488}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1481}{2976}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{96}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$
103010	1495	2656	$\frac{1}{166}$	$\frac{167}{1328}$	$\frac{1161}{2656}$	$\frac{165}{332}$	$\Phi_{2656}\ \Phi_{332}\ \Phi_{32}\ \Phi_4\ \Phi_1$
103011	1495	1992	$\frac{1}{166}$	$\frac{497}{1992}$	$\frac{167}{664}$	$\frac{165}{332}$	$\Phi_{1992}\ \Phi_{996}\ \Phi_{498}\ \Phi_{332}\ \Phi_{249}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
103012	1495	594	$\frac{2}{297}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{295}{594}$	$\Phi_{594}^2\ \Phi_{297}^3\ \Phi_{198}^2\ \Phi_{99}^3\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{33}^3\ \Phi_{27}^3\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^3\ \Phi_9^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
103013	1495	456	$\frac{1}{114}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{113}{228}$	$\Phi_{456}^6\ \Phi_{228}\ \Phi_{152}^6\ \Phi_{76}\ \Phi_{24}^7\ \Phi_{12}\ \Phi_8^7\ \Phi_4\ \Phi_1$
103014	1495	1140	$\frac{1}{114}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{113}{228}$	$\Phi_{1140}^3\ \Phi_{380}^3\ \Phi_{228}\ \Phi_{76}\ \Phi_{60}^3\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
103015	1495	684	$\frac{1}{114}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{113}{228}$	$\Phi_{684}^6\ \Phi_{228}\ \Phi_{76}\ \Phi_{36}^6\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
103016	1495	912	$\frac{1}{114}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{113}{228}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{228}\ \Phi_{152}^2\ \Phi_{76}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
103017	1495	1200	$\frac{1}{100}$	$\frac{1}{6}$	$\frac{101}{400}$	$\frac{99}{200}$	$\Phi_{1200}^2\ \Phi_{400}\ \Phi_{300}^2\ \Phi_{240}^2\ \Phi_{150}^2\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
103018	1495	1776	$\frac{3}{296}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{293}{592}$	$\Phi_{1776}^2\ \Phi_{592}\ \Phi_{48}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
103019	1495	2952	$\frac{19}{1476}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{1457}{2952}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{328}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
103020	1495	1770	$\frac{4}{295}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{291}{590}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{354}\ \Phi_{295}\ \Phi_{177}\ \Phi_{59}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
103021	1495	1408	$\frac{1}{64}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{63}{128}$	$\Phi_{1408}^2\ \Phi_{128}^3\ \Phi_{44}\ \Phi_4\ \Phi_1$
103022	1495	4224	$\frac{1}{64}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{63}{128}$	$\Phi_{4224}\ \Phi_{384}\ \Phi_{128}\ \Phi_{33}\ \Phi_3\ \Phi_1$
103023	1495	360	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{61}{360}$	$\frac{59}{120}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{90}^5\ \Phi_{72}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{36}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{18}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
103024	1495	588	$\frac{5}{294}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{289}{588}$	$\Phi_{588}^5\ \Phi_{196}^5\ \Phi_{84}^5\ \Phi_{28}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
103025	1495	2916	$\frac{37}{1458}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1421}{2916}$	$\Phi_{2916}\ \Phi_{972}\ \Phi_{324}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
103026	1495	224	$\frac{3}{112}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{109}{224}$	$\Phi_{224}^{13}\ \Phi_{32}^{13}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
103027	1495	1740	$\frac{9}{290}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{281}{580}$	$\Phi_{1740}^2\ \Phi_{580}\ \Phi_{348}^2\ \Phi_{116}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
103028	1495	504	$\frac{2}{63}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^2\ \Phi_{84}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{24}^5\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^5\ \Phi_9^3\ \Phi_8^5\ \Phi_7^3\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
103029	1495	2016	$\frac{17}{504}$	$\frac{1}{18}$	$\frac{521}{2016}$	$\frac{487}{1008}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
103030	1495	576	$\frac{11}{288}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{277}{576}$	$\Phi_{576}^5\ \Phi_{192}^5\ \Phi_{72}\ \Phi_{64}^5\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
103031	1495	576	$\frac{11}{288}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{277}{576}$	$\Phi_{576}^5\ \Phi_{192}^5\ \Phi_{64}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
103032	1495	1056	$\frac{1}{32}$	$\frac{1}{22}$	$\frac{31}{96}$	$\frac{21}{44}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{96}^3\ \Phi_{66}^2\ \Phi_{48}^3\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
103033	1495	264	$\frac{1}{24}$	$\frac{1}{22}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{264}^6\ \Phi_{132}^6\ \Phi_{88}^5\ \Phi_{66}^6\ \Phi_{44}^6\ \Phi_{33}^6\ \Phi_{24}^5\ \Phi_{22}^5\ \Phi_{12}^5\ \Phi_{11}^5\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
103034	1495	748	$\frac{3}{68}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{748}^2\ \Phi_{374}^2\ \Phi_{187}^2\ \Phi_{68}^3\ \Phi_{44}\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_4\ \Phi_1$
103035	1495	176	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{21}{44}$	$\Phi_{176}^8\ \Phi_{88}^8\ \Phi_{44}^9\ \Phi_{22}^8\ \Phi_{16}^{12}\ \Phi_{11}^8\ \Phi_8^{12}\ \Phi_4^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
103036	1495	924	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{21}{44}$	$\Phi_{924}^4\ \Phi_{308}^2\ \Phi_{132}^2\ \Phi_{84}^4\ \Phi_{44}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
103037	1495	792	$\frac{1}{22}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{21}{44}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{72}^3\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{36}^3\ \Phi_{33}^2\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
103038	1495	570	$\frac{14}{285}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{271}{570}$	$\Phi_{570}^2\ \Phi_{285}^3\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}^3\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{30}^5\ \Phi_{19}^3\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
103039	1495	960	$\frac{1}{20}$	$\frac{21}{320}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}\ \Phi_{96}^2\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
103040	1495	216	$\frac{1}{18}$	$\frac{7}{108}$	$\frac{17}{108}$	$\frac{101}{216}$	$\Phi_{216}^{13}\ \Phi_{108}\ \Phi_{72}^{13}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}^{13}\ \Phi_{12}\ \Phi_8^{13}\ \Phi_4\ \Phi_1$
103041	1495	1680	$\frac{1}{20}$	$\frac{19}{280}$	$\frac{1}{6}$	$\frac{261}{560}$	$\Phi_{1680}^2\ \Phi_{560}\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{112}\ \Phi_{80}\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
103042	1495	2772	$\frac{1}{18}$	$\frac{109}{1386}$	$\frac{17}{126}$	$\frac{1277}{2772}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{132}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{44}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
103043	1495	1728	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{233}{1728}$	$\frac{199}{432}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
103044	1495	936	$\frac{2}{117}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{936}^3\ \Phi_{312}^3\ \Phi_{117}\ \Phi_{104}^3\ \Phi_{72}^3\ \Phi_{39}\ \Phi_{24}\ \Phi_{13}\ \Phi_9\ \Phi_8\ \Phi_1$
103045	1495	1368	$\frac{1}{57}$	$\frac{1}{12}$	$\frac{56}{171}$	$\frac{11}{24}$	$\Phi_{1368}^3\ \Phi_{171}\ \Phi_{72}^3\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
103046	1495	456	$\frac{1}{38}$	$\frac{1}{12}$	$\frac{37}{152}$	$\frac{11}{24}$	$\Phi_{456}^2\ \Phi_{228}^4\ \Phi_{152}^3\ \Phi_{114}^4\ \Phi_{76}^5\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{24}^3\ \Phi_{19}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
103047	1495	456	$\frac{2}{57}$	$\frac{1}{12}$	$\frac{11}{57}$	$\frac{11}{24}$	$\Phi_{456}^6\ \Phi_{152}^6\ \Phi_{57}^2\ \Phi_{24}^7\ \Phi_{19}^2\ \Phi_8^7\ \Phi_3^2\ \Phi_1^3$
103048	1495	24	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{24}^{60}\ \Phi_{12}^{65}\ \Phi_8^{60}\ \Phi_6^{64}\ \Phi_4^{65}\ \Phi_3^{64}\ \Phi_2^{64}\ \Phi_1^{65}$
103049	1495	3192	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{18}{133}$	$\frac{11}{24}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{168}\ \Phi_{133}\ \Phi_{56}\ \Phi_{24}\ \Phi_8\ \Phi_7\ \Phi_1$
103050	1495	1650	$\frac{1}{25}$	$\frac{24}{275}$	$\frac{1}{6}$	$\frac{251}{550}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{330}\ \Phi_{275}\ \Phi_{165}\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{66}\ \Phi_{55}\ \Phi_{50}\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
103051	1495	462	$\frac{1}{66}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{462}^3\ \Phi_{231}^3\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{66}^5\ \Phi_{42}^2\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{11}^5\ \Phi_7^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
103052	1495	540	$\frac{1}{30}$	$\frac{29}{270}$	$\frac{1}{6}$	$\frac{241}{540}$	$\Phi_{540}^5\ \Phi_{180}^5\ \Phi_{108}^5\ \Phi_{60}^5\ \Phi_{36}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
103053	1495	99	$\frac{7}{99}$	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{99}^{15}\ \Phi_{33}^{15}\ \Phi_{11}^{15}\ \Phi_9^{16}\ \Phi_3^{16}\ \Phi_1^{17}$
103054	1495	1056	$\frac{1}{66}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1056}^2\ \Phi_{352}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{96}^2\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
103055	1495	1320	$\frac{1}{66}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{120}^2\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
103056	1495	2592	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{199}{1296}$	$\frac{1097}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
103057	1495	2232	$\frac{7}{744}$	$\frac{1}{6}$	$\frac{737}{2232}$	$\frac{5}{12}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{558}\ \Phi_{279}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
103058	1495	1512	$\frac{17}{1512}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
103059	1495	372	$\frac{7}{372}$	$\frac{1}{6}$	$\frac{73}{372}$	$\frac{5}{12}$	$\Phi_{372}^{4}\ \Phi_{186}^{4}\ \Phi_{124}^{4}\ \Phi_{93}^{4}\ \Phi_{62}^{4}\ \Phi_{31}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
103060	1495	1536	$\frac{41}{1536}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
103061	1495	72	$\frac{1}{24}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{72}^{23}\ \Phi_{36}^{23}\ \Phi_{24}^{16}\ \Phi_{18}^{23}\ \Phi_{12}^{17}\ \Phi_{9}^{23}\ \Phi_{8}^{16}\ \Phi_{6}^{16}\ \Phi_{4}^{17}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
103062	1495	264	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{264}^{6}\ \Phi_{132}^{6}\ \Phi_{88}^{6}\ \Phi_{66}^{6}\ \Phi_{44}^{6}\ \Phi_{33}^{6}\ \Phi_{24}^{5}\ \Phi_{22}\ \Phi_{12}^{5}\ \Phi_{11}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
103063	1495	504	$\frac{1}{18}$	$\frac{17}{252}$	$\frac{47}{252}$	$\frac{205}{504}$	$\Phi_{504}^{5}\ \Phi_{252}\ \Phi_{168}^{5}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}^{5}\ \Phi_{63}\ \Phi_{56}^{5}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}^{5}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}^{5}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
103064	1495	1500	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{49}{250}$	$\frac{201}{500}$	$\Phi_{1500}^{2}\ \Phi_{500}\ \Phi_{300}^{2}\ \Phi_{150}^{2}\ \Phi_{100}\ \Phi_{75}^{2}\ \Phi_{60}^{2}\ \Phi_{50}\ \Phi_{30}^{2}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
103065	1495	1584	$\frac{1}{18}$	$\frac{89}{1584}$	$\frac{17}{72}$	$\frac{55}{144}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
103066	1495	480	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{59}{240}$	$\frac{181}{480}$	$\Phi_{480}^{5}\ \Phi_{160}^{5}\ \Phi_{96}^{5}\ \Phi_{60}^{5}\ \Phi_{32}^{5}\ \Phi_{30}^{5}\ \Phi_{20}^{5}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
103067	1495	3576	$\frac{1}{149}$	$\frac{1}{4}$	$\frac{148}{447}$	$\frac{3}{8}$	$\Phi_{3576}\ \Phi_{447}\ \Phi_{24}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
103068	1495	912	$\frac{5}{304}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{912}^{2}\ \Phi_{456}^{2}\ \Phi_{304}\ \Phi_{228}^{2}\ \Phi_{152}\ \Phi_{114}^{2}\ \Phi_{76}\ \Phi_{57}^{2}\ \Phi_{48}^{2}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
103069	1495	1192	$\frac{6}{149}$	$\frac{11}{149}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1192}^{2}\ \Phi_{149}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
103070	1495	168	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^{10}\ \Phi_{84}^{10}\ \Phi_{56}^{8}\ \Phi_{42}^{10}\ \Phi_{28}^{10}\ \Phi_{24}^{5}\ \Phi_{21}^{10}\ \Phi_{14}^{9}\ \Phi_{12}^{5}\ \Phi_{8}^{4}\ \Phi_{7}^{9}\ \Phi_{6}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
103071	1495	396	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{396}^{6}\ \Phi_{132}^{6}\ \Phi_{66}^{5}\ \Phi_{44}^{6}\ \Phi_{36}^{5}\ \Phi_{33}^{5}\ \Phi_{22}^{5}\ \Phi_{12}^{5}\ \Phi_{11}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
103072	1495	2268	$\frac{17}{378}$	$\frac{1}{18}$	$\frac{361}{1134}$	$\frac{773}{2268}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{378}\ \Phi_{324}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
103073	1495	1218	$\frac{1}{29}$	$\frac{1}{14}$	$\frac{28}{87}$	$\frac{59}{174}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{406}^{2}\ \Phi_{203}^{2}\ \Phi_{87}\ \Phi_{58}\ \Phi_{42}\ \Phi_{29}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
103074	1495	450	$\frac{1}{75}$	$\frac{1}{6}$	$\frac{74}{225}$	$\frac{151}{450}$	$\Phi_{450}^{2}\ \Phi_{225}^{3}\ \Phi_{150}^{5}\ \Phi_{90}^{2}\ \Phi_{75}^{5}\ \Phi_{50}^{5}\ \Phi_{45}^{3}\ \Phi_{30}^{5}\ \Phi_{25}^{5}\ \Phi_{18}^{2}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
103075	1495	585	$\frac{2}{117}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{585}^{3}\ \Phi_{195}^{3}\ \Phi_{117}\ \Phi_{65}^{3}\ \Phi_{45}^{3}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
103076	1495	855	$\frac{1}{57}$	$\frac{2}{15}$	$\frac{56}{171}$	$\frac{1}{3}$	$\Phi_{855}^{3}\ \Phi_{171}\ \Phi_{45}^{3}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
103077	1495	234	$\frac{2}{117}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{234}^{6}\ \Phi_{117}^{7}\ \Phi_{78}^{6}\ \Phi_{39}^{7}\ \Phi_{26}^{6}\ \Phi_{18}^{4}\ \Phi_{13}^{7}\ \Phi_{9}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
103078	1495	1872	$\frac{2}{117}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{39}\ \Phi_{16}\ \Phi_{13}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
103079	1495	396	$\frac{2}{99}$	$\frac{1}{6}$	$\frac{97}{396}$	$\frac{1}{3}$	$\Phi_{396}^{5}\ \Phi_{198}^{2}\ \Phi_{132}^{5}\ \Phi_{99}^{3}\ \Phi_{66}^{2}\ \Phi_{44}^{5}\ \Phi_{36}^{5}\ \Phi_{33}^{3}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{5}\ \Phi_{11}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
103080	1495	2280	$\frac{1}{38}$	$\frac{2}{15}$	$\frac{37}{152}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{380}\ \Phi_{152}\ \Phi_{120}\ \Phi_{76}\ \Phi_{60}\ \Phi_{40}\ \Phi_{20}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
103081	1495	168	$\frac{1}{24}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{168}^{9}\ \Phi_{84}^{8}\ \Phi_{56}^{9}\ \Phi_{42}^{8}\ \Phi_{28}^{8}\ \Phi_{24}^{11}\ \Phi_{21}^{9}\ \Phi_{14}^{8}\ \Phi_{12}^{10}\ \Phi_{8}^{11}\ \Phi_{7}^{9}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
103082	1495	306	$\frac{7}{306}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{306}^{5}\ \Phi_{153}^{5}\ \Phi_{102}^{5}\ \Phi_{51}^{5}\ \Phi_{34}^{5}\ \Phi_{18}^{2}\ \Phi_{17}^{5}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
103083	1495	72	$\frac{1}{24}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{72}^{20}\ \Phi_{36}^{20}\ \Phi_{24}^{22}\ \Phi_{18}^{20}\ \Phi_{12}^{22}\ \Phi_{9}^{21}\ \Phi_{8}^{22}\ \Phi_{6}^{22}\ \Phi_{4}^{22}\ \Phi_{3}^{22}\ \Phi_{2}^{22}\ \Phi_{1}^{23}$
103084	1495	285	$\frac{2}{57}$	$\frac{2}{15}$	$\frac{11}{57}$	$\frac{1}{3}$	$\Phi_{285}^{6}\ \Phi_{95}^{6}\ \Phi_{57}^{2}\ \Phi_{19}^{2}\ \Phi_{15}^{7}\ \Phi_{5}^{7}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
103085	1495	120	$\frac{1}{24}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{120}^{15}\ \Phi_{60}^{15}\ \Phi_{40}^{15}\ \Phi_{30}^{12}\ \Phi_{24}^{5}\ \Phi_{20}^{15}\ \Phi_{15}^{13}\ \Phi_{12}^{5}\ \Phi_{10}^{12}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{13}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
103086	1495	330	$\frac{2}{33}$	$\frac{31}{330}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{330}^{5}\ \Phi_{165}^{5}\ \Phi_{110}^{5}\ \Phi_{66}^{2}\ \Phi_{55}^{5}\ \Phi_{33}^{3}\ \Phi_{30}^{5}\ \Phi_{22}^{2}\ \Phi_{15}^{5}\ \Phi_{11}^{3}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
103087	1495	324	$\frac{2}{27}$	$\frac{25}{324}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{324}^{5}\ \Phi_{162}^{5}\ \Phi_{108}^{5}\ \Phi_{81}^{5}\ \Phi_{54}^{2}\ \Phi_{36}^{5}\ \Phi_{27}^{3}\ \Phi_{18}^{2}\ \Phi_{12}^{5}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
103088	1495	1995	$\frac{1}{19}$	$\frac{2}{15}$	$\frac{18}{133}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{133}\ \Phi_{105}\ \Phi_{35}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
103089	1495	342	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{56}{171}$	$\Phi_{342}^{3}\ \Phi_{171}^{4}\ \Phi_{114}^{6}\ \Phi_{57}^{6}\ \Phi_{38}^{6}\ \Phi_{19}^{6}\ \Phi_{18}^{4}\ \Phi_{9}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
103090	1495	2736	$\frac{1}{57}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{56}{171}$	$\Phi_{2736}\ \Phi_{1368}\ \Phi_{171}\ \Phi_{144}\ \Phi_{72}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
103091	1495	444	$\frac{3}{148}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{145}{444}$	$\Phi_{444}^{3}\ \Phi_{222}^{3}\ \Phi_{148}^{4}\ \Phi_{111}^{3}\ \Phi_{74}^{4}\ \Phi_{37}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
103092	1495	1056	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{31}{96}$	$\Phi_{1056}\ \Phi_{528}\ \Phi_{352}^{2}\ \Phi_{264}\ \Phi_{176}^{2}\ \Phi_{132}\ \Phi_{96}^{2}\ \Phi_{88}^{2}\ \Phi_{66}\ \Phi_{48}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{32}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
103093	1495	360	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{61}{360}$	$\frac{29}{90}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}^{5}\ \Phi_{72}^{5}\ \Phi_{60}^{5}\ \Phi_{40}^{5}\ \Phi_{36}^{5}\ \Phi_{30}^{5}\ \Phi_{24}^{5}\ \Phi_{20}^{5}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
103094	1495	133	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{1}{7}$	$\frac{6}{19}$	$\Phi_{133}^{11}\ \Phi_{19}^{13}\ \Phi_{7}^{10}\ \Phi_{1}^{13}$
103095	1495	168	$\frac{3}{56}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{53}{168}$	$\Phi_{168}^{13}\ \Phi_{84}^{13}\ \Phi_{42}^{13}\ \Phi_{28}^{2}\ \Phi_{24}^{13}\ \Phi_{21}^{13}\ \Phi_{14}\ \Phi_{12}^{13}\ \Phi_{7}\ \Phi_{6}^{13}\ \Phi_{4}\ \Phi_{3}^{13}\ \Phi_{1}$
103096	1495	1944	$\frac{1}{18}$	$\frac{37}{486}$	$\frac{449}{1944}$	$\frac{17}{54}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
103097	1495	324	$\frac{1}{18}$	$\frac{25}{324}$	$\frac{37}{162}$	$\frac{17}{54}$	$\Phi_{324}^{5}\ \Phi_{162}^{4}\ \Phi_{108}^{5}\ \Phi_{81}^{4}\ \Phi_{54}^{5}\ \Phi_{36}^{5}\ \Phi_{27}^{5}\ \Phi_{18}^{4}\ \Phi_{12}^{5}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
103098	1495	432	$\frac{1}{18}$	$\frac{11}{144}$	$\frac{17}{72}$	$\frac{133}{432}$	$\Phi_{432}^{5}\ \Phi_{216}^{5}\ \Phi_{108}^{5}\ \Phi_{72}\ \Phi_{54}^{5}\ \Phi_{36}\ \Phi_{27}^{5}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
103099	1495	432	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{133}{432}$	$\Phi_{432}^{5}\ \Phi_{216}^{5}\ \Phi_{108}^{5}\ \Phi_{54}^{5}\ \Phi_{27}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
103100	1495	1944	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{449}{1944}$	$\frac{199}{648}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
103101	1495	324	$\frac{25}{324}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{36}$	$\Phi_{324}^{5}\ \Phi_{162}^{5}\ \Phi_{108}^{5}\ \Phi_{81}^{5}\ \Phi_{54}^{5}\ \Phi_{27}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
103102	1495	2244	$\frac{3}{68}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{561}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{33}\ \Phi_{17}\ \Phi_{3}\ \Phi_{1}$
103103	1495	528	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{3}{16}$	$\frac{10}{33}$	$\Phi_{528}^{4}\ \Phi_{264}^{4}\ \Phi_{132}^{4}\ \Phi_{66}^{4}\ \Phi_{48}^{4}\ \Phi_{33}^{5}\ \Phi_{24}^{4}\ \Phi_{16}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
103104	1495	462	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{462}^{3}\ \Phi_{231}^{3}\ \Phi_{154}^{4}\ \Phi_{77}^{4}\ \Phi_{66}\ \Phi_{42}^{5}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{21}^{5}\ \Phi_{14}^{5}\ \Phi_{11}^{2}\ \Phi_{7}^{5}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
103105	1495	792	$\frac{1}{11}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{10}{33}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}\ \Phi_{198}^{2}\ \Phi_{132}\ \Phi_{99}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{3}\ \Phi_{66}\ \Phi_{44}^{2}\ \Phi_{36}^{3}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
103106	1495	420	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{1}{6}$	$\frac{121}{420}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{4}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{70}^{4}\ \Phi_{60}^{5}\ \Phi_{42}^{3}\ \Phi_{35}^{4}\ \Phi_{30}^{5}\ \Phi_{28}^{4}\ \Phi_{21}^{3}\ \Phi_{20}^{5}\ \Phi_{15}^{5}\ \Phi_{14}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
103107	1495	1368	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{37}{152}$	$\frac{5}{18}$	$\Phi_{1368}^{2}\ \Phi_{684}^{2}\ \Phi_{152}\ \Phi_{76}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
103108	1495	342	$\frac{2}{57}$	$\frac{1}{6}$	$\frac{11}{57}$	$\frac{5}{18}$	$\Phi_{342}^{6}\ \Phi_{171}^{6}\ \Phi_{57}^{2}\ \Phi_{19}^{2}\ \Phi_{18}^{7}\ \Phi_{9}^{7}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
103109	1495	72	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{72}^{30}\ \Phi_{36}^{30}\ \Phi_{24}^{5}\ \Phi_{18}^{25}\ \Phi_{12}^{5}\ \Phi_{9}^{25}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
103110	1495	2394	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2394}\ \Phi_{1197}\ \Phi_{133}\ \Phi_{126}\ \Phi_{63}\ \Phi_{18}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
103111	1495	304	$\frac{1}{38}$	$\frac{3}{16}$	$\frac{37}{152}$	$\frac{1}{4}$	$\Phi_{304}^{6}\ \Phi_{152}^{3}\ \Phi_{76}^{5}\ \Phi_{38}^{4}\ \Phi_{19}^{4}\ \Phi_{16}^{7}\ \Phi_{8}^{4}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
103112	1495	912	$\frac{2}{57}$	$\frac{3}{16}$	$\frac{11}{57}$	$\frac{1}{4}$	$\Phi_{912}^{2}\ \Phi_{456}^{2}\ \Phi_{304}^{2}\ \Phi_{152}^{2}\ \Phi_{57}^{2}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{19}^{2}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
103113	1495	48	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{48}^{38}\ \Phi_{24}^{23}\ \Phi_{16}^{39}\ \Phi_{12}^{25}\ \Phi_{8}^{24}\ \Phi_{6}^{24}\ \Phi_{4}^{25}\ \Phi_{3}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
103114	1495	2128	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{133}\ \Phi_{112}\ \Phi_{56}\ \Phi_{16}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
103115	1495	896	$\frac{1}{14}$	$\frac{13}{128}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{896}^{2}\ \Phi_{448}^{2}\ \Phi_{224}^{2}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{28}^{2}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
103116	1495	28	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{5}{28}$	$\frac{1}{4}$	$\Phi_{28}^{54}\ \Phi_{14}^{53}\ \Phi_{7}^{53}\ \Phi_{4}^{53}\ \Phi_{2}^{52}\ \Phi_{1}^{53}$
103117	1495	1728	$\frac{1}{18}$	$\frac{233}{1728}$	$\frac{55}{288}$	$\frac{17}{72}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
103118	1495	360	$\frac{1}{18}$	$\frac{11}{72}$	$\frac{61}{360}$	$\frac{17}{72}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}^{5}\ \Phi_{90}^{5}\ \Phi_{72}\ \Phi_{60}^{5}\ \Phi_{45}^{5}\ \Phi_{40}^{5}\ \Phi_{36}\ \Phi_{30}^{5}\ \Phi_{24}\ \Phi_{20}^{5}\ \Phi_{15}^{5}\ \Phi_{12}\ \Phi_{10}^{5}\ \Phi_{8}\ \Phi_{5}^{5}\ \Phi_{4}\ \Phi_{1}$
103119	1495	30	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{7}{30}$	$\Phi_{30}^{47}\ \Phi_{15}^{53}\ \Phi_{10}^{47}\ \Phi_{6}^{46}\ \Phi_{5}^{53}\ \Phi_{3}^{52}\ \Phi_{2}^{46}\ \Phi_{1}^{53}$
103120	1495	336	$\frac{1}{12}$	$\frac{37}{336}$	$\frac{1}{6}$	$\frac{11}{48}$	$\Phi_{336}^{5}\ \Phi_{168}^{5}\ \Phi_{112}^{5}\ \Phi_{84}^{5}\ \Phi_{56}^{5}\ \Phi_{42}^{5}\ \Phi_{28}^{5}\ \Phi_{21}^{5}\ \Phi_{14}^{5}\ \Phi_{12}^{5}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
103121	1495	384	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{6}$	$\frac{85}{384}$	$\Phi_{384}^{5}\ \Phi_{192}^{5}\ \Phi_{128}^{5}\ \Phi_{64}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
103122	1495	189	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{4}{27}$	$\frac{11}{63}$	$\Phi_{189}^{9}\ \Phi_{63}^{5}\ \Phi_{27}^{11}\ \Phi_{21}^{5}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
103123	1495	360	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{6}$	$\frac{61}{360}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}^{5}\ \Phi_{90}^{5}\ \Phi_{60}^{5}\ \Phi_{45}^{5}\ \Phi_{40}^{5}\ \Phi_{30}^{5}\ \Phi_{20}^{5}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
103124	1495	336	$\frac{37}{336}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{336}^{5}\ \Phi_{168}^{5}\ \Phi_{112}^{5}\ \Phi_{84}^{5}\ \Phi_{56}^{5}\ \Phi_{48}^{5}\ \Phi_{28}^{5}\ \Phi_{24}^{5}\ \Phi_{16}^{5}\ \Phi_{12}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
103125	1496	1119	$\frac{1}{373}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{186}{373}$	$\Phi_{1119}\ \Phi_{373}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
103126	1496	299	$\frac{1}{299}$	$\frac{75}{299}$	$\frac{112}{299}$	$\frac{149}{299}$	$\Phi_{299}^{5}\ \Phi_{23}^{5}\ \Phi_{13}^{5}\ \Phi_{1}^{6}$
103127	1496	2247	$\frac{3}{749}$	$\frac{188}{749}$	$\frac{1}{3}$	$\frac{373}{749}$	$\Phi_{2247}\ \Phi_{321}\ \Phi_{21}$
103128	1496	745	$\frac{3}{745}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{371}{745}$	$\Phi_{745}^{2}\ \Phi_{149}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
103129	1496	2604	$\frac{1}{186}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{185}{372}$	$\Phi_{2604}\ \Phi_{868}\ \Phi_{372}^{2}\ \Phi_{124}^{2}\ \Phi_{84}\ \Phi_{28}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
103130	1496	1860	$\frac{1}{186}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{185}{372}$	$\Phi_{1860}^{2}\ \Phi_{620}^{2}\ \Phi_{60}^{2}\ \Phi_{20}^{2}\ \Phi_{15}$
103131	1496	540	$\frac{1}{135}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{67}{135}$	$\Phi_{540}^{5}\ \Phi_{180}^{5}\ \Phi_{135}\ \Phi_{108}^{5}\ \Phi_{60}^{5}\ \Phi_{45}\ \Phi_{36}^{5}\ \Phi_{27}\ \Phi_{20}^{6}\ \Phi_{15}\ \Phi_{12}^{5}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{3}\ \Phi_{1}^{2}$
103132	1496	135	$\frac{1}{135}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{67}{135}$	$\Phi_{135}^{11}\ \Phi_{45}^{11}\ \Phi_{27}^{11}\ \Phi_{15}^{12}\ \Phi_{9}^{11}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
103133	1496	250	$\frac{1}{125}$	$\frac{1}{5}$	$\frac{63}{250}$	$\frac{62}{125}$	$\Phi_{250}^{8}\ \Phi_{125}^{4}\ \Phi_{50}^{8}\ \Phi_{25}^{4}\ \Phi_{10}^{8}\ \Phi_{5}^{3}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
103134	1496	1113	$\frac{3}{371}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{184}{371}$	$\Phi_{1113}^{2}\ \Phi_{159}^{2}\ \Phi_{21}^{3}\ \Phi_{3}^{2}$
103135	1496	345	$\frac{1}{115}$	$\frac{29}{345}$	$\frac{158}{345}$	$\frac{57}{115}$	$\Phi_{345}^{4}\ \Phi_{115}^{5}\ \Phi_{69}^{4}\ \Phi_{23}^{5}\ \Phi_{15}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
103136	1496	1035	$\frac{1}{115}$	$\frac{58}{345}$	$\frac{287}{1035}$	$\frac{57}{115}$	$\Phi_{1035}^{2}\ \Phi_{207}^{2}\ \Phi_{115}\ \Phi_{45}^{2}\ \Phi_{23}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
103137	1496	230	$\frac{1}{115}$	$\frac{43}{230}$	$\frac{29}{115}$	$\frac{57}{115}$	$\Phi_{230}^{8}\ \Phi_{115}^{5}\ \Phi_{46}^{8}\ \Phi_{23}^{5}\ \Phi_{10}^{8}\ \Phi_{5}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
103138	1496	642	$\frac{1}{107}$	$\frac{27}{214}$	$\frac{1}{3}$	$\frac{53}{107}$	$\Phi_{642}^{4}\ \Phi_{321}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{2}$
103139	1496	741	$\frac{7}{741}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{367}{741}$	$\Phi_{741}^{2}\ \Phi_{247}^{2}\ \Phi_{57}^{2}\ \Phi_{39}^{2}\ \Phi_{19}^{2}\ \Phi_{13}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
103140	1496	370	$\frac{2}{185}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{183}{370}$	$\Phi_{370}^{8}\ \Phi_{74}^{8}\ \Phi_{10}^{8}\ \Phi_{5}^{3}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
103141	1496	2784	$\frac{1}{87}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{43}{87}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{96}\ \Phi_{87}\ \Phi_{32}^{2}\ \Phi_{29}\ \Phi_{3}\ \Phi_{1}^{2}$
103142	1496	696	$\frac{1}{87}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{43}{87}$	$\Phi_{696}^{2}\ \Phi_{348}^{2}\ \Phi_{232}^{2}\ \Phi_{174}^{2}\ \Phi_{116}^{2}\ \Phi_{87}^{3}\ \Phi_{58}^{2}\ \Phi_{29}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
103143	1496	1740	$\frac{1}{87}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{43}{87}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{290}\ \Phi_{145}\ \Phi_{87}\ \Phi_{60}\ \Phi_{30}\ \Phi_{29}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
103144	1496	225	$\frac{1}{75}$	$\frac{38}{225}$	$\frac{1}{5}$	$\frac{37}{75}$	$\Phi_{225}^{8}\ \Phi_{75}^{4}\ \Phi_{45}^{8}\ \Phi_{25}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{8}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
103145	1496	1475	$\frac{21}{1475}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{727}{1475}$	$\Phi_{1475}\ \Phi_{295}\ \Phi_{59}\ \Phi_{25}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
103146	1496	1407	$\frac{1}{67}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{33}{67}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{201}\ \Phi_{67}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
103147	1496	804	$\frac{1}{67}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{33}{67}$	$\Phi_{804}^{2}\ \Phi_{402}^{2}\ \Phi_{268}^{2}\ \Phi_{201}\ \Phi_{134}^{2}\ \Phi_{67}^{2}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
103148	1496	938	$\frac{1}{67}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{33}{67}$	$\Phi_{938}^{2}\ \Phi_{469}\ \Phi_{134}^{2}\ \Phi_{67}^{2}\ \Phi_{14}^{4}\ \Phi_{7}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
103149	1496	65	$\frac{1}{65}$	$\frac{3}{65}$	$\frac{31}{65}$	$\frac{32}{65}$	$\Phi_{65}^{23}\ \Phi_{13}^{23}\ \Phi_{5}^{23}\ \Phi_{1}^{24}$
103150	1496	368	$\frac{3}{184}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{181}{368}$	$\Phi_{368}^{8}\ \Phi_{23}\ \Phi_{16}^{8}\ \Phi_{1}^{2}$
103151	1496	368	$\frac{3}{184}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{181}{368}$	$\Phi_{368}^{8}\ \Phi_{23}\ \Phi_{16}^{8}\ \Phi_{1}^{2}$
103152	1496	3312	$\frac{3}{184}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{181}{368}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
103153	1496	735	$\frac{13}{735}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{361}{735}$	$\Phi_{735}^{2}\ \Phi_{245}^{2}\ \Phi_{147}^{2}\ \Phi_{105}^{2}\ \Phi_{49}^{2}\ \Phi_{35}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{4}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
103154	1496	1644	$\frac{3}{137}$	$\frac{1}{12}$	$\frac{35}{137}$	$\frac{67}{137}$	$\Phi_{1644}\ \Phi_{822}\ \Phi_{548}\ \Phi_{411}\ \Phi_{274}$
103155	1496	1419	$\frac{1}{43}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{21}{43}$	$\Phi_{1419}\ \Phi_{473}\ \Phi_{129}\ \Phi_{43}^{2}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
103156	1496	774	$\frac{1}{43}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{774}^{2}\ \Phi_{387}^{2}\ \Phi_{258}^{2}\ \Phi_{129}\ \Phi_{86}^{2}\ \Phi_{43}^{2}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
103157	1496	946	$\frac{1}{43}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{21}{43}$	$\Phi_{946}^{2}\ \Phi_{473}\ \Phi_{86}^{2}\ \Phi_{43}^{2}\ \Phi_{22}^{4}\ \Phi_{11}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
103158	1496	299	$\frac{7}{299}$	$\frac{9}{299}$	$\frac{145}{299}$	$\frac{146}{299}$	$\Phi_{299}^{5}\ \Phi_{23}^{5}\ \Phi_{13}^{5}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
103159	1496	1495	$\frac{41}{1495}$	$\frac{101}{1495}$	$\frac{384}{1495}$	$\frac{727}{1495}$	$\Phi_{1495}\ \Phi_{299}\ \Phi_{115}\ \Phi_{65}\ \Phi_{23}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}^{2}$
103160	1496	364	$\frac{5}{182}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{177}{364}$	$\Phi_{364}^{8}\ \Phi_{52}^{8}\ \Phi_{28}^{8}\ \Phi_{13}^{3}\ \Phi_{4}^{8}\ \Phi_{1}^{4}$
103161	1496	321	$\frac{3}{107}$	$\frac{5}{107}$	$\frac{1}{3}$	$\frac{52}{107}$	$\Phi_{321}^{7}\ \Phi_{3}^{6}$
103162	1496	759	$\frac{1}{33}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{759}^{2}\ \Phi_{253}^{2}\ \Phi_{69}^{3}\ \Phi_{23}^{2}$
103163	1496	1419	$\frac{1}{33}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{16}{33}$	$\Phi_{1419}\ \Phi_{473}\ \Phi_{129}\ \Phi_{43}^{2}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
103164	1496	660	$\frac{1}{33}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{16}{33}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{220}^{3}\ \Phi_{165}^{2}\ \Phi_{110}^{3}\ \Phi_{60}^{4}\ \Phi_{55}^{2}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{2}$
103165	1496	725	$\frac{23}{725}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{351}{725}$	$\Phi_{725}^{2}\ \Phi_{145}^{2}\ \Phi_{29}^{2}\ \Phi_{25}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
103166	1496	1449	$\frac{47}{1449}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{701}{1449}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{161}\ \Phi_{69}^{2}\ \Phi_{63}\ \Phi_{23}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
103167	1496	1602	$\frac{3}{89}$	$\frac{1}{18}$	$\frac{23}{89}$	$\frac{43}{89}$	$\Phi_{1602}\ \Phi_{801}\ \Phi_{534}\ \Phi_{267}\ \Phi_{178}$
103168	1496	360	$\frac{7}{180}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{173}{360}$	$\Phi_{360}^{8}\ \Phi_{120}^{8}\ \Phi_{72}^{8}\ \Phi_{40}^{8}\ \Phi_{24}^{8}\ \Phi_{15}^{4}\ \Phi_{8}^{8}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
103169	1496	200	$\frac{1}{25}$	$\frac{13}{200}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{200}^{8}\ \Phi_{100}^{8}\ \Phi_{50}^{8}\ \Phi_{40}^{8}\ \Phi_{25}^{4}\ \Phi_{20}^{8}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{5}^{3}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
103170	1496	276	$\frac{3}{92}$	$\frac{1}{23}$	$\frac{89}{276}$	$\frac{11}{23}$	$\Phi_{276}^{8}\ \Phi_{138}^{8}\ \Phi_{69}^{8}\ \Phi_{23}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{2}$
103171	1496	23	$\frac{1}{23}$	$\frac{1}{23}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{23}^{65}\ \Phi_{1}^{66}$
103172	1496	230	$\frac{1}{23}$	$\frac{3}{46}$	$\frac{43}{230}$	$\frac{11}{23}$	$\Phi_{230}^{8}\ \Phi_{115}^{8}\ \Phi_{23}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{1}^{2}$
103173	1496	207	$\frac{1}{23}$	$\frac{20}{207}$	$\frac{3}{23}$	$\frac{11}{23}$	$\Phi_{207}^{8}\ \Phi_{69}^{8}\ \Phi_{23}\ \Phi_{9}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{2}$
103174	1496	2247	$\frac{23}{749}$	$\frac{33}{749}$	$\frac{1}{3}$	$\frac{358}{749}$	$\Phi_{2247}\ \Phi_{321}\ \Phi_{21}$
103175	1496	1495	$\frac{67}{1495}$	$\frac{71}{1495}$	$\frac{356}{1495}$	$\frac{714}{1495}$	$\Phi_{1495}\ \Phi_{299}\ \Phi_{115}\ \Phi_{65}\ \Phi_{23}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}^{2}$
103176	1496	195	$\frac{8}{195}$	$\frac{3}{65}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{195}^{8}\ \Phi_{65}^{7}\ \Phi_{39}^{8}\ \Phi_{15}^{8}\ \Phi_{13}^{7}\ \Phi_{5}^{7}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
103177	1496	65	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{31}{65}$	$\Phi_{65}^{22}\ \Phi_{13}^{27}\ \Phi_{5}^{22}\ \Phi_{1}^{28}$
103178	1496	105	$\frac{1}{35}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{105}^{15}\ \Phi_{35}^{14}\ \Phi_{21}^{13}\ \Phi_{15}^{15}\ \Phi_{7}^{12}\ \Phi_{5}^{14}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
103179	1496	1407	$\frac{3}{67}$	$\frac{1}{21}$	$\frac{16}{67}$	$\frac{10}{21}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{201}\ \Phi_{67}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
103180	1496	630	$\frac{1}{21}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}^{3}\ \Phi_{105}^{2}\ \Phi_{90}^{4}\ \Phi_{70}^{3}\ \Phi_{45}^{4}\ \Phi_{35}^{2}\ \Phi_{30}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{2}$
103181	1496	1425	$\frac{71}{1425}$	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{677}{1425}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{285}\ \Phi_{95}\ \Phi_{75}^{2}\ \Phi_{57}\ \Phi_{25}^{2}\ \Phi_{19}\ \Phi_{15}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
103182	1496	1644	$\frac{7}{137}$	$\frac{1}{12}$	$\frac{18}{137}$	$\frac{65}{137}$	$\Phi_{1644}\ \Phi_{822}\ \Phi_{548}\ \Phi_{411}\ \Phi_{274}$
103183	1496	1495	$\frac{81}{1495}$	$\frac{118}{1495}$	$\frac{197}{1495}$	$\frac{707}{1495}$	$\Phi_{1495}\ \Phi_{299}\ \Phi_{115}\ \Phi_{65}\ \Phi_{23}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}^{2}$
103184	1496	125	$\frac{6}{125}$	$\frac{7}{125}$	$\frac{1}{5}$	$\frac{59}{125}$	$\Phi_{125}^{12}\ \Phi_{25}^{12}\ \Phi_{5}^{11}\ \Phi_{1}^{12}$
103185	1496	299	$\frac{10}{299}$	$\frac{17}{299}$	$\frac{79}{299}$	$\frac{141}{299}$	$\Phi_{299}^{5}\ \Phi_{23}^{5}\ \Phi_{13}^{5}\ \Phi_{1}^{6}$
103186	1496	2247	$\frac{18}{749}$	$\frac{43}{749}$	$\frac{1}{3}$	$\frac{353}{749}$	$\Phi_{2247}\ \Phi_{321}\ \Phi_{21}$
103187	1496	1440	$\frac{1}{45}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{1440}^{2}\ \Phi_{480}^{2}\ \Phi_{288}^{2}\ \Phi_{160}^{2}\ \Phi_{96}\ \Phi_{45}^{2}\ \Phi_{32}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
103188	1496	928	$\frac{1}{29}$	$\frac{1}{16}$	$\frac{7}{29}$	$\frac{15}{32}$	$\Phi_{928}^{3}\ \Phi_{32}^{4}\ \Phi_{29}^{3}\ \Phi_{1}^{4}$
103189	1496	3680	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{3680}\ \Phi_{115}$
103190	1496	2784	$\frac{1}{16}$	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{15}{32}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{96}\ \Phi_{87}\ \Phi_{32}^{2}\ \Phi_{29}\ \Phi_{3}\ \Phi_{1}^{2}$
103191	1496	288	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{15}{32}$	$\Phi_{288}^{11}\ \Phi_{96}^{7}\ \Phi_{36}^{3}\ \Phi_{32}^{8}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
103192	1496	105	$\frac{1}{35}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{105}^{15}\ \Phi_{35}^{14}\ \Phi_{21}^{15}\ \Phi_{15}^{12}\ \Phi_{7}^{14}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
103193	1496	195	$\frac{8}{195}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{195}^{8}\ \Phi_{65}^{8}\ \Phi_{39}^{8}\ \Phi_{15}^{4}\ \Phi_{13}^{8}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
103194	1496	350	$\frac{1}{25}$	$\frac{12}{175}$	$\frac{1}{5}$	$\frac{163}{350}$	$\Phi_{350}^{8}\ \Phi_{70}^{8}\ \Phi_{50}^{8}\ \Phi_{25}^{4}\ \Phi_{14}^{8}\ \Phi_{10}^{8}\ \Phi_{5}^{3}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
103195	1496	1495	$\frac{47}{1495}$	$\frac{103}{1495}$	$\frac{362}{1495}$	$\frac{696}{1495}$	$\Phi_{1495}\ \Phi_{299}\ \Phi_{115}\ \Phi_{65}\ \Phi_{23}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}^{2}$
103196	1496	247	$\frac{7}{247}$	$\frac{1}{13}$	$\frac{60}{247}$	$\frac{6}{13}$	$\Phi_{247}^{6}\ \Phi_{19}^{6}\ \Phi_{13}^{7}\ \Phi_{1}^{8}$
103197	1496	195	$\frac{8}{195}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{195}^{8}\ \Phi_{65}^{8}\ \Phi_{39}^{6}\ \Phi_{15}^{8}\ \Phi_{13}^{7}\ \Phi_{5}^{8}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
103198	1496	1602	$\frac{1}{18}$	$\frac{7}{89}$	$\frac{12}{89}$	$\frac{41}{89}$	$\Phi_{1602}\ \Phi_{801}\ \Phi_{534}\ \Phi_{267}\ \Phi_{178}$
103199	1496	345	$\frac{3}{115}$	$\frac{29}{345}$	$\frac{28}{115}$	$\frac{158}{345}$	$\Phi_{345}^4\ \Phi_{115}^5\ \Phi_{69}^4\ \Phi_{23}^5\ \Phi_{15}^4\ \Phi_5^5\ \Phi_3^4\ \Phi_1^6$
103200	1496	345	$\frac{1}{23}$	$\frac{29}{345}$	$\frac{11}{69}$	$\frac{158}{345}$	$\Phi_{345}^4\ \Phi_{115}^4\ \Phi_{69}^6\ \Phi_{23}^5\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^6\ \Phi_1^6$
103201	1496	1495	$\frac{76}{1495}$	$\frac{129}{1495}$	$\frac{203}{1495}$	$\frac{683}{1495}$	$\Phi_{1495}\ \Phi_{299}\ \Phi_{115}\ \Phi_{65}\ \Phi_{23}\ \Phi_{13}\ \Phi_5\ \Phi_1^2$
103202	1496	125	$\frac{4}{125}$	$\frac{11}{125}$	$\frac{1}{5}$	$\frac{57}{125}$	$\Phi_{125}^{12}\ \Phi_{25}^{12}\ \Phi_5^{11}\ \Phi_1^{12}$
103203	1496	1495	$\frac{32}{1495}$	$\frac{133}{1495}$	$\frac{407}{1495}$	$\frac{681}{1495}$	$\Phi_{1495}\ \Phi_{299}\ \Phi_{115}\ \Phi_{65}\ \Phi_{23}\ \Phi_{13}\ \Phi_5\ \Phi_1^2$
103204	1496	2247	$\frac{12}{749}$	$\frac{67}{749}$	$\frac{1}{3}$	$\frac{341}{749}$	$\Phi_{2247}\ \Phi_{321}\ \Phi_{21}$
103205	1496	1365	$\frac{1}{65}$	$\frac{131}{1365}$	$\frac{64}{195}$	$\frac{617}{1365}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}^2\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
103206	1496	1380	$\frac{1}{69}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1380}^2\ \Phi_{460}^2\ \Phi_{276}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{60}\ \Phi_{23}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
103207	1496	180	$\frac{1}{45}$	$\frac{1}{10}$	$\frac{11}{45}$	$\frac{9}{20}$	$\Phi_{180}^{15}\ \Phi_{60}^{15}\ \Phi_{45}^3\ \Phi_{36}^{15}\ \Phi_{20}^{16}\ \Phi_{15}^3\ \Phi_{12}^{15}\ \Phi_9^3\ \Phi_5^3\ \Phi_4^{16}\ \Phi_3^3\ \Phi_1^4$
103208	1496	140	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{140}^{20}\ \Phi_{35}^4\ \Phi_{28}^{20}\ \Phi_{20}^{16}\ \Phi_7^4\ \Phi_5^3\ \Phi_4^{16}\ \Phi_1^4$
103209	1496	1620	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{13}{81}$	$\frac{9}{20}$	$\Phi_{1620}^2\ \Phi_{540}\ \Phi_{324}^2\ \Phi_{180}\ \Phi_{108}\ \Phi_{81}^2\ \Phi_{60}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
103210	1496	540	$\frac{7}{135}$	$\frac{1}{10}$	$\frac{16}{135}$	$\frac{9}{20}$	$\Phi_{540}^5\ \Phi_{180}^5\ \Phi_{135}\ \Phi_{108}^5\ \Phi_{60}^5\ \Phi_{45}\ \Phi_{36}^5\ \Phi_{27}\ \Phi_{20}^6\ \Phi_{15}\ \Phi_{12}^5\ \Phi_9\ \Phi_5\ \Phi_4^6\ \Phi_3\ \Phi_1^2$
103211	1496	180	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{180}^{15}\ \Phi_{60}^{15}\ \Phi_{36}^{15}\ \Phi_{20}^{16}\ \Phi_{18}^8\ \Phi_{12}^{15}\ \Phi_9^7\ \Phi_6^8\ \Phi_4^{16}\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
103212	1496	300	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{300}^{10}\ \Phi_{100}^{10}\ \Phi_{75}^2\ \Phi_{60}^5\ \Phi_{25}^2\ \Phi_{20}^6\ \Phi_{15}\ \Phi_{12}^5\ \Phi_5\ \Phi_4^6\ \Phi_3\ \Phi_1^2$
103213	1496	195	$\frac{8}{195}$	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{29}{65}$	$\Phi_{195}^8\ \Phi_{65}^7\ \Phi_{39}^8\ \Phi_{15}^8\ \Phi_{13}^7\ \Phi_5^7\ \Phi_3^8\ \Phi_1^8$
103214	1496	675	$\frac{2}{75}$	$\frac{73}{675}$	$\frac{1}{5}$	$\frac{301}{675}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}^2\ \Phi_{75}^4\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_9^2\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
103215	1496	945	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{945}^2\ \Phi_{315}\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{21}\ \Phi_{15}$
103216	1496	260	$\frac{1}{65}$	$\frac{8}{65}$	$\frac{73}{260}$	$\frac{57}{130}$	$\Phi_{260}^8\ \Phi_{65}^7\ \Phi_{52}^8\ \Phi_{20}^8\ \Phi_{13}^7\ \Phi_5^7\ \Phi_4^8\ \Phi_1^8$
103217	1496	2670	$\frac{1}{89}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{2670}\ \Phi_{890}\ \Phi_{534}\ \Phi_{267}\ \Phi_{178}$
103218	1496	90	$\frac{1}{45}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{90}^{30}\ \Phi_{45}^4\ \Phi_{30}^{28}\ \Phi_{18}^{30}\ \Phi_{15}^4\ \Phi_{10}^{28}\ \Phi_9^4\ \Phi_6^{28}\ \Phi_5^3\ \Phi_3^4\ \Phi_2^{28}\ \Phi_1^4$
103219	1496	189	$\frac{2}{189}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{189}^8\ \Phi_{63}^8\ \Phi_{27}^8\ \Phi_{21}^7\ \Phi_9^8\ \Phi_7^8\ \Phi_3^6\ \Phi_1^8$
103220	1496	1953	$\frac{1}{93}$	$\frac{1}{7}$	$\frac{92}{279}$	$\frac{3}{7}$	$\Phi_{1953}\ \Phi_{279}^2\ \Phi_{63}\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
103221	1496	1736	$\frac{1}{62}$	$\frac{1}{7}$	$\frac{61}{248}$	$\frac{3}{7}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{248}^2\ \Phi_{124}^2\ \Phi_{56}\ \Phi_{28}\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
103222	1496	315	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{315}^5\ \Phi_{105}^5\ \Phi_{63}^5\ \Phi_{45}^4\ \Phi_{35}^5\ \Phi_{21}^3\ \Phi_{15}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
103223	1496	1344	$\frac{5}{192}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}^2\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}^2\ \Phi_{84}\ \Phi_{64}^2\ \Phi_{56}\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
103224	1496	217	$\frac{1}{31}$	$\frac{30}{217}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{217}^7\ \Phi_{31}^6\ \Phi_7^8\ \Phi_1^8$
103225	1496	651	$\frac{5}{93}$	$\frac{8}{93}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{651}^2\ \Phi_{217}^2\ \Phi_{93}^4\ \Phi_{31}^4\ \Phi_{21}^2\ \Phi_7^3\ \Phi_3^4\ \Phi_1^6$
103226	1496	252	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{252}^6\ \Phi_{126}^5\ \Phi_{84}^5\ \Phi_{63}^5\ \Phi_{42}^4\ \Phi_{36}^{12}\ \Phi_{28}^5\ \Phi_{21}^4\ \Phi_{18}^{10}\ \Phi_{14}^4\ \Phi_{12}^{10}\ \Phi_9^{10}\ \Phi_7^5\ \Phi_6^8\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
103227	1496	325	$\frac{1}{65}$	$\frac{49}{325}$	$\frac{16}{65}$	$\frac{138}{325}$	$\Phi_{325}^4\ \Phi_{65}^7\ \Phi_{25}^4\ \Phi_{13}^7\ \Phi_5^7\ \Phi_1^8$
103228	1496	207	$\frac{1}{23}$	$\frac{20}{207}$	$\frac{11}{69}$	$\frac{29}{69}$	$\Phi_{207}^8\ \Phi_{69}^6\ \Phi_{23}^5\ \Phi_9^8\ \Phi_3^6\ \Phi_1^6$
103229	1496	321	$\frac{1}{107}$	$\frac{53}{321}$	$\frac{1}{3}$	$\frac{134}{321}$	$\Phi_{321}^5\ \Phi_{107}^4\ \Phi_3^4\ \Phi_1^4$
103230	1496	2136	$\frac{1}{89}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{2136}\ \Phi_{712}\ \Phi_{534}\ \Phi_{267}\ \Phi_{178}$
103231	1496	115	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{21}{115}$	$\frac{47}{115}$	$\Phi_{115}^{11}\ \Phi_{23}^{21}\ \Phi_5^{11}\ \Phi_1^{22}$
103232	1496	625	$\frac{2}{125}$	$\frac{123}{625}$	$\frac{1}{5}$	$\frac{251}{625}$	$\Phi_{625}^2\ \Phi_{125}^4\ \Phi_{25}^4\ \Phi_5^3\ \Phi_1^4$
103233	1496	190	$\frac{3}{190}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{190}^8\ \Phi_{95}^8\ \Phi_{38}^8\ \Phi_{19}^8\ \Phi_{10}^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
103234	1496	180	$\frac{1}{45}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^{10}\ \Phi_{45}^{4}\ \Phi_{36}^{10}\ \Phi_{30}^{10}\ \Phi_{20}^{8}\ \Phi_{18}^{10}\ \Phi_{15}^{4}\ \Phi_{12}^{10}\ \Phi_{10}^{8}\ \Phi_{9}^{4}\ \Phi_{6}^{10}\ \Phi_{5}^{3}\ \Phi_{4}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
103235	1496	175	$\frac{1}{35}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{175}^{10}\ \Phi_{35}^{4}\ \Phi_{25}^{8}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
103236	1496	1260	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{1260}^{2}\ \Phi_{420}^{2}\ \Phi_{315}\ \Phi_{252}^{2}\ \Phi_{180}^{2}\ \Phi_{140}^{2}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{63}\ \Phi_{60}^{2}\ \Phi_{36}^{2}\ \Phi_{35}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{12}^{2}$
103237	1496	2466	$\frac{1}{137}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{2466}\ \Phi_{822}\ \Phi_{411}\ \Phi_{274}$
103238	1496	630	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{630}^{4}\ \Phi_{315}\ \Phi_{210}^{4}\ \Phi_{126}^{4}\ \Phi_{105}\ \Phi_{90}^{4}\ \Phi_{70}^{4}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}^{4}\ \Phi_{30}^{4}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}^{4}\ \Phi_{10}^{4}$
103239	1496	1495	$\frac{54}{1495}$	$\frac{131}{1495}$	$\frac{341}{1495}$	$\frac{577}{1495}$	$\Phi_{1495}\ \Phi_{299}\ \Phi_{115}\ \Phi_{65}\ \Phi_{23}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}^{2}$
103240	1496	195	$\frac{8}{195}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{195}^{8}\ \Phi_{65}^{8}\ \Phi_{39}^{8}\ \Phi_{15}^{8}\ \Phi_{13}^{3}\ \Phi_{5}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{4}$
103241	1496	1602	$\frac{1}{18}$	$\frac{5}{89}$	$\frac{21}{89}$	$\frac{34}{89}$	$\Phi_{1602}\ \Phi_{801}\ \Phi_{534}\ \Phi_{267}\ \Phi_{178}$
103242	1496	1495	$\frac{83}{1495}$	$\frac{84}{1495}$	$\frac{353}{1495}$	$\frac{571}{1495}$	$\Phi_{1495}\ \Phi_{299}\ \Phi_{115}\ \Phi_{65}\ \Phi_{23}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}^{2}$
103243	1496	1644	$\frac{5}{137}$	$\frac{1}{12}$	$\frac{33}{137}$	$\frac{52}{137}$	$\Phi_{1644}\ \Phi_{822}\ \Phi_{548}\ \Phi_{411}\ \Phi_{274}$
103244	1496	300	$\frac{1}{75}$	$\frac{1}{5}$	$\frac{37}{150}$	$\frac{113}{300}$	$\Phi_{300}^{8}\ \Phi_{100}^{8}\ \Phi_{75}^{4}\ \Phi_{60}^{8}\ \Phi_{25}^{4}\ \Phi_{20}^{8}\ \Phi_{15}^{4}\ \Phi_{12}^{8}\ \Phi_{5}^{3}\ \Phi_{4}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
103245	1496	2192	$\frac{1}{137}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{2192}\ \Phi_{548}\ \Phi_{274}$
103246	1496	576	$\frac{5}{192}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{576}^{3}\ \Phi_{288}^{3}\ \Phi_{192}^{2}\ \Phi_{144}^{3}\ \Phi_{96}^{2}\ \Phi_{72}^{2}\ \Phi_{64}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{3}\ \Phi_{32}^{2}\ \Phi_{24}\ \Phi_{18}^{3}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
103247	1496	585	$\frac{1}{65}$	$\frac{32}{195}$	$\frac{163}{585}$	$\frac{211}{585}$	$\Phi_{585}^{2}\ \Phi_{195}^{4}\ \Phi_{117}^{2}\ \Phi_{65}^{3}\ \Phi_{45}^{2}\ \Phi_{39}^{4}\ \Phi_{15}^{4}\ \Phi_{13}^{3}\ \Phi_{9}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
103248	1496	182	$\frac{3}{91}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{182}^{13}\ \Phi_{91}^{4}\ \Phi_{26}^{10}\ \Phi_{14}^{13}\ \Phi_{13}^{3}\ \Phi_{7}^{4}\ \Phi_{2}^{10}\ \Phi_{1}^{4}$
103249	1496	1131	$\frac{12}{377}$	$\frac{1}{13}$	$\frac{365}{1131}$	$\frac{383}{1131}$	$\Phi_{1131}\ \Phi_{377}^{2}\ \Phi_{87}\ \Phi_{39}\ \Phi_{29}^{2}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
103250	1496	846	$\frac{1}{47}$	$\frac{1}{9}$	$\frac{46}{141}$	$\frac{95}{282}$	$\Phi_{846}^{3}\ \Phi_{423}\ \Phi_{282}^{2}\ \Phi_{141}\ \Phi_{94}^{2}\ \Phi_{18}^{3}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
103251	1496	1125	$\frac{4}{375}$	$\frac{1}{5}$	$\frac{371}{1125}$	$\frac{377}{1125}$	$\Phi_{1125}\ \Phi_{375}^{2}\ \Phi_{225}\ \Phi_{125}^{2}\ \Phi_{75}^{2}\ \Phi_{45}\ \Phi_{25}^{2}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
103252	1496	564	$\frac{1}{188}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{564}^{3}\ \Phi_{282}^{3}\ \Phi_{188}^{2}\ \Phi_{141}^{3}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
103253	1496	945	$\frac{2}{189}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{135}^{2}\ \Phi_{105}^{2}\ \Phi_{45}^{2}\ \Phi_{35}^{2}\ \Phi_{15}$
103254	1496	1119	$\frac{10}{373}$	$\frac{33}{373}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1119}\ \Phi_{373}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
103255	1496	420	$\frac{1}{35}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{3}\ \Phi_{84}^{4}\ \Phi_{70}^{4}\ \Phi_{60}^{4}\ \Phi_{42}^{4}\ \Phi_{35}^{2}\ \Phi_{30}^{4}\ \Phi_{28}^{4}\ \Phi_{21}^{3}\ \Phi_{20}^{4}\ \Phi_{15}^{3}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{2}\ \Phi_{5}^{2}$
103256	1496	1119	$\frac{16}{373}$	$\frac{21}{373}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1119}\ \Phi_{373}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
103257	1496	414	$\frac{1}{23}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{414}^{4}\ \Phi_{207}^{4}\ \Phi_{138}^{4}\ \Phi_{69}^{3}\ \Phi_{46}^{4}\ \Phi_{23}^{2}$
103258	1496	963	$\frac{1}{107}$	$\frac{215}{963}$	$\frac{106}{321}$	$\frac{1}{3}$	$\Phi_{963}^{2}\ \Phi_{321}\ \Phi_{9}^{2}$
103259	1496	1395	$\frac{1}{93}$	$\frac{1}{5}$	$\frac{92}{279}$	$\frac{1}{3}$	$\Phi_{1395}^{2}\ \Phi_{45}^{2}\ \Phi_{15}$
103260	1496	1113	$\frac{6}{371}$	$\frac{1}{7}$	$\frac{365}{1113}$	$\frac{1}{3}$	$\Phi_{1113}\ \Phi_{371}^{2}\ \Phi_{159}\ \Phi_{53}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
103261	1496	2277	$\frac{1}{23}$	$\frac{2}{33}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{2277}\ \Phi_{207}\ \Phi_{69}$
103262	1496	315	$\frac{1}{35}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{315}^{7}\ \Phi_{105}\ \Phi_{63}^{6}\ \Phi_{45}^{7}\ \Phi_{21}\ \Phi_{15}\ \Phi_{9}^{6}$
103263	1496	360	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{4}\ \Phi_{90}^{4}\ \Phi_{72}^{4}\ \Phi_{60}^{4}\ \Phi_{45}^{6}\ \Phi_{40}^{4}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{3}\ \Phi_{20}^{4}\ \Phi_{18}^{4}\ \Phi_{15}^{6}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{9}^{6}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
103264	1496	345	$\frac{1}{69}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{345}^{4}\ \Phi_{115}^{4}\ \Phi_{69}^{6}\ \Phi_{23}^{6}\ \Phi_{15}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
103265	1496	180	$\frac{1}{45}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^{8}\ \Phi_{90}^{8}\ \Phi_{60}^{7}\ \Phi_{45}^{10}\ \Phi_{36}^{8}\ \Phi_{30}^{7}\ \Phi_{20}^{8}\ \Phi_{18}^{8}\ \Phi_{15}^{9}\ \Phi_{12}^{8}\ \Phi_{10}^{8}\ \Phi_{9}^{10}\ \Phi_{6}^{8}\ \Phi_{5}^{10}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
103266	1496	3720	$\frac{1}{62}$	$\frac{1}{5}$	$\frac{61}{248}$	$\frac{1}{3}$	$\Phi_{3720}\ \Phi_{1860}\ \Phi_{120}\ \Phi_{60}\ \Phi_{15}$
103267	1496	804	$\frac{3}{67}$	$\frac{1}{12}$	$\frac{16}{67}$	$\frac{1}{3}$	$\Phi_{804}^{2}\ \Phi_{402}^{2}\ \Phi_{268}^{2}\ \Phi_{201}\ \Phi_{134}^{2}\ \Phi_{67}^{2}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
103268	1496	2247	$\frac{41}{749}$	$\frac{52}{749}$	$\frac{177}{749}$	$\frac{1}{3}$	$\Phi_{2247}\ \Phi_{321}\ \Phi_{21}$
103269	1496	774	$\frac{1}{18}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{774}^{2}\ \Phi_{387}^{2}\ \Phi_{258}^{2}\ \Phi_{129}\ \Phi_{86}^{2}\ \Phi_{43}^{2}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
103270	1496	2247	$\frac{34}{749}$	$\frac{65}{749}$	$\frac{171}{749}$	$\frac{1}{3}$	$\Phi_{2247}\ \Phi_{321}\ \Phi_{21}$
103271	1496	1518	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{1518}^2\ \Phi_{759}\ \Phi_{138}^2\ \Phi_{69}^2$
103272	1496	210	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{210}^{14}\ \Phi_{105}^8\ \Phi_{42}^{12}\ \Phi_{30}^{14}\ \Phi_{21}^7\ \Phi_{15}^8\ \Phi_6^{12}\ \Phi_3^6$
103273	1496	465	$\frac{2}{93}$	$\frac{91}{465}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{465}^3\ \Phi_{155}^3\ \Phi_{93}^4\ \Phi_{31}^4\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
103274	1496	960	$\frac{5}{192}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{15}$
103275	1496	3255	$\frac{1}{31}$	$\frac{30}{217}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3255}\ \Phi_{105}\ \Phi_{15}$
103276	1496	465	$\frac{5}{93}$	$\frac{8}{93}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{465}^4\ \Phi_{155}^4\ \Phi_{15}^5\ \Phi_5^4$
103277	1496	180	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{180}^{12}\ \Phi_{90}^{10}\ \Phi_{60}^{10}\ \Phi_{45}^{10}\ \Phi_{30}^8\ \Phi_{20}^{10}\ \Phi_{15}^9\ \Phi_{10}^8\ \Phi_5^8$
103278	1496	555	$\frac{4}{185}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{181}{555}$	$\Phi_{555}^4\ \Phi_{111}^4\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
103279	1496	225	$\frac{2}{75}$	$\frac{38}{225}$	$\frac{1}{5}$	$\frac{73}{225}$	$\Phi_{225}^6\ \Phi_{75}^8\ \Phi_{45}^6\ \Phi_{25}^8\ \Phi_{15}^8\ \Phi_9^6\ \Phi_5^7\ \Phi_3^8\ \Phi_1^8$
103280	1496	65	$\frac{2}{65}$	$\frac{9}{65}$	$\frac{14}{65}$	$\frac{21}{65}$	$\Phi_{65}^{23}\ \Phi_{13}^{23}\ \Phi_5^{23}\ \Phi_1^{24}$
103281	1496	276	$\frac{3}{92}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{89}{276}$	$\Phi_{276}^8\ \Phi_{138}^8\ \Phi_{69}^8\ \Phi_{23}\ \Phi_{12}^8\ \Phi_6^8\ \Phi_3^8\ \Phi_1^2$
103282	1496	828	$\frac{3}{92}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{89}{276}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}\ \Phi_{207}^2\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{36}^3\ \Phi_{23}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
103283	1496	25	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{8}{25}$	$\Phi_{25}^{60}\ \Phi_5^{59}\ \Phi_1^{60}$
103284	1496	207	$\frac{1}{23}$	$\frac{20}{207}$	$\frac{47}{207}$	$\frac{22}{69}$	$\Phi_{207}^7\ \Phi_{69}^8\ \Phi_{23}^7\ \Phi_9^7\ \Phi_3^8\ \Phi_1^8$
103285	1496	483	$\frac{1}{23}$	$\frac{47}{483}$	$\frac{109}{483}$	$\frac{22}{69}$	$\Phi_{483}^3\ \Phi_{161}^3\ \Phi_{69}^4\ \Phi_{23}^3\ \Phi_{21}^3\ \Phi_7^3\ \Phi_3^4\ \Phi_1^4$
103286	1496	273	$\frac{5}{91}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{86}{273}$	$\Phi_{273}^8\ \Phi_{39}^8\ \Phi_{21}^8\ \Phi_{13}^3\ \Phi_3^8\ \Phi_1^4$
103287	1496	405	$\frac{1}{15}$	$\frac{31}{405}$	$\frac{1}{5}$	$\frac{14}{45}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^4\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
103288	1496	270	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{1}{5}$	$\frac{83}{270}$	$\Phi_{270}^8\ \Phi_{135}^8\ \Phi_{54}^8\ \Phi_{27}^8\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
103289	1496	230	$\frac{3}{46}$	$\frac{2}{23}$	$\frac{43}{230}$	$\frac{7}{23}$	$\Phi_{230}^8\ \Phi_{115}^8\ \Phi_{23}\ \Phi_{10}^8\ \Phi_5^8\ \Phi_1^2$
103290	1496	207	$\frac{2}{23}$	$\frac{20}{207}$	$\frac{3}{23}$	$\frac{7}{23}$	$\Phi_{207}^8\ \Phi_{69}^8\ \Phi_{23}\ \Phi_9^8\ \Phi_3^8\ \Phi_1^2$
103291	1496	696	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{7}{29}$	$\frac{7}{24}$	$\Phi_{696}^3\ \Phi_{348}^3\ \Phi_{174}^3\ \Phi_{87}^3\ \Phi_{29}^3\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4\ \Phi_1^4$
103292	1496	2760	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{115}$
103293	1496	696	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{696}^2\ \Phi_{348}^2\ \Phi_{232}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}^3\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
103294	1496	72	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{72}^{22}\ \Phi_{36}^{25}\ \Phi_{24}^{15}\ \Phi_{18}^{25}\ \Phi_{12}^{17}\ \Phi_9^{24}\ \Phi_8^{14}\ \Phi_6^{17}\ \Phi_4^{16}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{16}$
103295	1496	525	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{1}{5}$	$\frac{151}{525}$	$\Phi_{525}^4\ \Phi_{105}^4\ \Phi_{75}^4\ \Phi_{25}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
103296	1496	1035	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{58}{345}$	$\frac{287}{1035}$	$\Phi_{1035}^2\ \Phi_{207}^2\ \Phi_{69}^2\ \Phi_{45}^2\ \Phi_{23}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
103297	1496	45	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{45}^{33}\ \Phi_{15}^{34}\ \Phi_9^{33}\ \Phi_5^{33}\ \Phi_3^{34}\ \Phi_1^{34}$
103298	1496	105	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{105}^{20}\ \Phi_{35}^4\ \Phi_{21}^{20}\ \Phi_{15}^{16}\ \Phi_7^4\ \Phi_5^3\ \Phi_3^{16}\ \Phi_1^4$
103299	1496	405	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{405}^4\ \Phi_{135}^2\ \Phi_{81}^6\ \Phi_{45}^2\ \Phi_{27}^3\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
103300	1496	135	$\frac{7}{135}$	$\frac{16}{135}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{135}^{11}\ \Phi_{45}^{11}\ \Phi_{27}^{11}\ \Phi_{15}^{12}\ \Phi_9^{11}\ \Phi_5^{11}\ \Phi_3^{12}\ \Phi_1^{12}$
103301	1496	90	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{90}^{16}\ \Phi_{45}^{14}\ \Phi_{30}^{16}\ \Phi_{18}^{24}\ \Phi_{15}^{15}\ \Phi_{10}^{16}\ \Phi_9^{21}\ \Phi_6^{24}\ \Phi_5^{14}\ \Phi_3^{22}\ \Phi_2^{24}\ \Phi_1^{22}$
103302	1496	75	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{75}^{22}\ \Phi_{25}^{22}\ \Phi_{15}^{12}\ \Phi_5^{11}\ \Phi_3^{12}\ \Phi_1^{12}$
103303	1496	405	$\frac{31}{405}$	$\frac{11}{135}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{405}^4\ \Phi_{135}^3\ \Phi_{81}^4\ \Phi_{45}^3\ \Phi_{27}^3\ \Phi_{15}^4\ \Phi_9^3\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
103304	1496	230	$\frac{3}{115}$	$\frac{43}{230}$	$\frac{28}{115}$	$\frac{29}{115}$	$\Phi_{230}^8\ \Phi_{115}^5\ \Phi_{46}^8\ \Phi_{23}^5\ \Phi_{10}^8\ \Phi_5^5\ \Phi_2^8\ \Phi_1^6$
103305	1496	580	$\frac{1}{29}$	$\frac{3}{20}$	$\frac{7}{29}$	$\frac{1}{4}$	$\Phi_{580}^3\ \Phi_{290}^3\ \Phi_{145}^3\ \Phi_{29}^3\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_1^4$
103306	1496	460	$\frac{1}{23}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{460}^3\ \Phi_{230}^3\ \Phi_{115}^4\ \Phi_{92}^4\ \Phi_{46}^4\ \Phi_{23}^4$
103307	1496	1740	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{290}\ \Phi_{145}\ \Phi_{87}\ \Phi_{60}\ \Phi_{30}\ \Phi_{29}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
103308	1496	180	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{60}^{7}\ \Phi_{45}^{11}\ \Phi_{36}^{3}\ \Phi_{30}^{7}\ \Phi_{20}^{8}\ \Phi_{18}^{3}\ \Phi_{15}^{7}\ \Phi_{12}^{2}\ \Phi_{10}^{8}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{8}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
103309	1496	938	$\frac{3}{67}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{16}{67}$	$\Phi_{938}^{2}\ \Phi_{469}\ \Phi_{134}^{2}\ \Phi_{67}^{2}\ \Phi_{14}^{4}\ \Phi_{7}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
103310	1496	210	$\frac{1}{15}$	$\frac{23}{210}$	$\frac{1}{5}$	$\frac{7}{30}$	$\Phi_{210}^{8}\ \Phi_{105}^{8}\ \Phi_{70}^{8}\ \Phi_{42}^{8}\ \Phi_{35}^{8}\ \Phi_{21}^{8}\ \Phi_{15}^{4}\ \Phi_{14}^{8}\ \Phi_{7}^{8}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
103311	1496	946	$\frac{3}{43}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{10}{43}$	$\Phi_{946}^{2}\ \Phi_{473}\ \Phi_{86}^{2}\ \Phi_{43}^{2}\ \Phi_{22}^{4}\ \Phi_{11}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
103312	1496	208	$\frac{1}{13}$	$\frac{21}{208}$	$\frac{5}{26}$	$\frac{3}{13}$	$\Phi_{208}^{8}\ \Phi_{104}^{8}\ \Phi_{52}^{8}\ \Phi_{16}^{8}\ \Phi_{13}^{3}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{1}^{4}$
103313	1496	455	$\frac{1}{13}$	$\frac{10}{91}$	$\frac{81}{455}$	$\frac{3}{13}$	$\Phi_{455}^{4}\ \Phi_{65}^{4}\ \Phi_{35}^{4}\ \Phi_{13}^{3}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
103314	1496	39	$\frac{1}{13}$	$\frac{5}{39}$	$\frac{2}{13}$	$\frac{3}{13}$	$\Phi_{39}^{44}\ \Phi_{13}^{27}\ \Phi_{3}^{44}\ \Phi_{1}^{28}$
103315	1496	660	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{22}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{220}^{3}\ \Phi_{165}^{3}\ \Phi_{110}\ \Phi_{60}^{4}\ \Phi_{55}^{2}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$
103316	1496	240	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{5}$	$\frac{53}{240}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}^{8}\ \Phi_{48}^{8}\ \Phi_{40}^{8}\ \Phi_{24}^{8}\ \Phi_{16}^{8}\ \Phi_{15}^{4}\ \Phi_{8}^{8}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
103317	1496	630	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}^{3}\ \Phi_{105}^{3}\ \Phi_{90}^{4}\ \Phi_{70}\ \Phi_{45}^{4}\ \Phi_{35}^{2}\ \Phi_{30}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$
103318	1496	225	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{38}{225}$	$\frac{1}{5}$	$\Phi_{225}^{8}\ \Phi_{75}^{8}\ \Phi_{25}^{8}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
103319	1496	75	$\frac{7}{75}$	$\frac{3}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{75}^{22}\ \Phi_{25}^{16}\ \Phi_{15}^{22}\ \Phi_{5}^{15}\ \Phi_{3}^{22}\ \Phi_{1}^{16}$
103320	1496	210	$\frac{23}{210}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{210}^{8}\ \Phi_{105}^{6}\ \Phi_{70}^{8}\ \Phi_{42}^{8}\ \Phi_{35}^{6}\ \Phi_{30}^{8}\ \Phi_{21}^{6}\ \Phi_{15}^{8}\ \Phi_{14}^{8}\ \Phi_{10}^{8}\ \Phi_{7}^{6}\ \Phi_{6}^{8}\ \Phi_{5}^{7}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
103321	1497	2000	$\frac{3}{500}$	$\frac{1}{4}$	$\frac{503}{2000}$	$\frac{497}{1000}$	$\Phi_{2000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{125}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
103322	1497	992	$\frac{3}{496}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{493}{992}$	$\Phi_{992}^{3}\ \Phi_{32}^{3}\ \Phi_{16}\ \Phi_{1}$
103323	1497	992	$\frac{3}{496}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{493}{992}$	$\Phi_{992}^{3}\ \Phi_{32}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
103324	1497	2720	$\frac{1}{136}$	$\frac{137}{1360}$	$\frac{1223}{2720}$	$\frac{135}{272}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{272}\ \Phi_{160}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
103325	1497	1980	$\frac{4}{495}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{491}{990}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{99}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
103326	1497	600	$\frac{1}{100}$	$\frac{101}{600}$	$\frac{1}{4}$	$\frac{99}{200}$	$\Phi_{600}^{3}\ \Phi_{300}^{3}\ \Phi_{150}^{3}\ \Phi_{120}^{3}\ \Phi_{100}^{3}\ \Phi_{75}^{3}\ \Phi_{60}^{3}\ \Phi_{50}^{3}\ \Phi_{30}^{3}\ \Phi_{25}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
103327	1497	2816	$\frac{1}{88}$	$\frac{89}{1408}$	$\frac{1319}{2816}$	$\frac{87}{176}$	$\Phi_{2816}\ \Phi_{256}\ \Phi_{176}\ \Phi_{16}\ \Phi_{1}$
103328	1497	704	$\frac{1}{88}$	$\frac{89}{704}$	$\frac{205}{704}$	$\frac{87}{176}$	$\Phi_{704}^{2}\ \Phi_{352}^{2}\ \Phi_{176}^{3}\ \Phi_{88}^{2}\ \Phi_{64}^{2}\ \Phi_{44}^{2}\ \Phi_{32}^{2}\ \Phi_{22}^{2}\ \Phi_{16}^{3}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
103329	1497	1760	$\frac{1}{88}$	$\frac{263}{1760}$	$\frac{89}{352}$	$\frac{87}{176}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
103330	1497	2960	$\frac{17}{1480}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1463}{2960}$	$\Phi_{2960}\ \Phi_{592}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
103331	1497	2944	$\frac{25}{1472}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1447}{2944}$	$\Phi_{2944}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
103332	1497	980	$\frac{9}{490}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{481}{980}$	$\Phi_{980}\ \Phi_{490}^{2}\ \Phi_{245}^{2}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}^{2}\ \Phi_{70}^{2}\ \Phi_{49}^{2}\ \Phi_{35}^{2}\ \Phi_{28}\ \Phi_{20}^{3}\ \Phi_{14}^{2}\ \Phi_{10}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
103333	1497	1600	$\frac{3}{100}$	$\frac{103}{1600}$	$\frac{1}{4}$	$\frac{97}{200}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{64}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
103334	1497	968	$\frac{15}{484}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{469}{968}$	$\Phi_{968}^{3}\ \Phi_{88}^{3}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
103335	1497	960	$\frac{19}{480}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{461}{960}$	$\Phi_{960}^{3}\ \Phi_{320}^{3}\ \Phi_{192}^{3}\ \Phi_{64}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
103336	1497	2024	$\frac{21}{506}$	$\frac{1}{22}$	$\frac{527}{2024}$	$\frac{485}{1012}$	$\Phi_{2024}\ \Phi_{506}\ \Phi_{253}\ \Phi_{184}\ \Phi_{88}\ \Phi_{46}\ \Phi_{23}\ \Phi_{8}\ \Phi_{1}$
103337	1497	952	$\frac{1}{34}$	$\frac{23}{476}$	$\frac{11}{34}$	$\frac{453}{952}$	$\Phi_{952}^{3}\ \Phi_{136}^{3}\ \Phi_{56}^{3}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{8}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
103338	1497	520	$\frac{21}{520}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{520}^{3}\ \Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{104}^{3}\ \Phi_{65}^{3}\ \Phi_{52}^{3}\ \Phi_{26}^{3}\ \Phi_{20}^{3}\ \Phi_{13}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
103339	1497	1900	$\frac{1}{25}$	$\frac{24}{475}$	$\frac{1}{4}$	$\frac{451}{950}$	$\Phi_{1900}\ \Phi_{475}\ \Phi_{380}\ \Phi_{100}^{2}\ \Phi_{95}\ \Phi_{76}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{19}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
103340	1497	680	$\frac{1}{34}$	$\frac{11}{170}$	$\frac{181}{680}$	$\frac{159}{340}$	$\Phi_{680}^{3}\ \Phi_{170}^{3}\ \Phi_{136}^{3}\ \Phi_{85}^{3}\ \Phi_{40}^{3}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
103341	1497	2800	$\frac{3}{100}$	$\frac{97}{1400}$	$\frac{1}{4}$	$\frac{1303}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{112}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
103342	1497	2720	$\frac{1}{34}$	$\frac{137}{1360}$	$\frac{33}{170}$	$\frac{1223}{2720}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{170}\ \Phi_{160}\ \Phi_{85}\ \Phi_{32}\ \Phi_{10}\ \Phi_5\ \Phi_1$
103343	1497	612	$\frac{1}{34}$	$\frac{11}{102}$	$\frac{113}{612}$	$\frac{91}{204}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{153}^3\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{36}^3\ \Phi_{34}^2\ \Phi_{18}^3\ \Phi_{17}^2\ \Phi_9^3\ \Phi_6^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
103344	1497	900	$\frac{1}{50}$	$\frac{49}{450}$	$\frac{1}{4}$	$\frac{401}{900}$	$\Phi_{900}\ \Phi_{450}^2\ \Phi_{300}\ \Phi_{225}^2\ \Phi_{180}\ \Phi_{150}^2\ \Phi_{100}^3\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{50}^3\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_5^3\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
103345	1497	1984	$\frac{9}{496}$	$\frac{1}{8}$	$\frac{487}{1984}$	$\frac{7}{16}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
103346	1497	512	$\frac{13}{512}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{512}^3\ \Phi_{256}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}\ \Phi_1$
103347	1497	880	$\frac{1}{88}$	$\frac{59}{440}$	$\frac{29}{88}$	$\frac{381}{880}$	$\Phi_{880}^3\ \Phi_{176}^3\ \Phi_{88}^2\ \Phi_{80}^3\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{16}^3\ \Phi_{11}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
103348	1497	880	$\frac{1}{44}$	$\frac{59}{440}$	$\frac{43}{220}$	$\frac{381}{880}$	$\Phi_{880}^3\ \Phi_{220}\ \Phi_{176}^3\ \Phi_{110}\ \Phi_{80}^3\ \Phi_{55}\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{10}\ \Phi_5\ \Phi_1$
103349	1497	616	$\frac{1}{44}$	$\frac{43}{308}$	$\frac{117}{616}$	$\frac{265}{616}$	$\Phi_{616}^2\ \Phi_{308}^3\ \Phi_{154}^3\ \Phi_{88}^2\ \Phi_{77}^3\ \Phi_{56}^2\ \Phi_{44}^2\ \Phi_{28}^3\ \Phi_{22}^2\ \Phi_{14}^3\ \Phi_{11}^2\ \Phi_8^2\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
103350	1497	1520	$\frac{23}{1520}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{304}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{80}\ \Phi_{76}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
103351	1497	704	$\frac{1}{88}$	$\frac{29}{176}$	$\frac{205}{704}$	$\frac{147}{352}$	$\Phi_{704}^3\ \Phi_{176}^3\ \Phi_{88}^2\ \Phi_{64}^3\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{16}^3\ \Phi_{11}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
103352	1497	1700	$\frac{1}{34}$	$\frac{203}{1700}$	$\frac{33}{170}$	$\frac{137}{340}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{425}\ \Phi_{170}\ \Phi_{100}\ \Phi_{85}\ \Phi_{50}\ \Phi_{25}\ \Phi_{10}\ \Phi_5\ \Phi_1$
103353	1497	1760	$\frac{1}{44}$	$\frac{263}{1760}$	$\frac{43}{220}$	$\frac{177}{440}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
103354	1497	2464	$\frac{1}{44}$	$\frac{43}{308}$	$\frac{265}{1232}$	$\frac{967}{2464}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{308}\ \Phi_{224}\ \Phi_{154}\ \Phi_{77}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
103355	1497	512	$\frac{13}{512}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{512}^3\ \Phi_{256}^3\ \Phi_{128}^3\ \Phi_{64}^2\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
103356	1497	816	$\frac{1}{136}$	$\frac{91}{408}$	$\frac{45}{136}$	$\frac{317}{816}$	$\Phi_{816}^3\ \Phi_{272}^3\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{48}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{16}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
103357	1497	816	$\frac{1}{34}$	$\frac{11}{102}$	$\frac{91}{408}$	$\frac{317}{816}$	$\Phi_{816}^3\ \Phi_{272}^3\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{48}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{16}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
103358	1497	800	$\frac{1}{100}$	$\frac{99}{400}$	$\frac{1}{4}$	$\frac{301}{800}$	$\Phi_{800}^3\ \Phi_{160}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{32}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
103359	1497	2176	$\frac{1}{136}$	$\frac{135}{544}$	$\frac{679}{2176}$	$\frac{409}{1088}$	$\Phi_{2176}\ \Phi_{544}\ \Phi_{272}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
103360	1497	504	$\frac{5}{504}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
103361	1497	528	$\frac{1}{22}$	$\frac{29}{528}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{66}^3\ \Phi_{48}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_8^3\ \Phi_6^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
103362	1497	544	$\frac{1}{34}$	$\frac{45}{544}$	$\frac{11}{34}$	$\frac{23}{68}$	$\Phi_{544}^3\ \Phi_{272}^3\ \Phi_{136}^3\ \Phi_{34}^2\ \Phi_{32}^3\ \Phi_{17}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_2^2\ \Phi_1^3$
103363	1497	561	$\frac{4}{187}$	$\frac{62}{561}$	$\frac{61}{187}$	$\frac{63}{187}$	$\Phi_{561}^3\ \Phi_{187}^2\ \Phi_{51}^3\ \Phi_{33}^3\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_3^3\ \Phi_1^3$
103364	1497	752	$\frac{7}{376}$	$\frac{1}{8}$	$\frac{123}{376}$	$\frac{253}{752}$	$\Phi_{752}^3\ \Phi_{376}\ \Phi_{188}\ \Phi_{94}\ \Phi_{47}\ \Phi_{16}^3\ \Phi_1$
103365	1497	1500	$\frac{1}{125}$	$\frac{1}{4}$	$\frac{124}{375}$	$\frac{251}{750}$	$\Phi_{1500}\ \Phi_{500}^2\ \Phi_{375}\ \Phi_{300}\ \Phi_{250}\ \Phi_{125}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
103366	1497	748	$\frac{1}{187}$	$\frac{62}{187}$	$\frac{249}{748}$	$\frac{125}{374}$	$\Phi_{748}^3\ \Phi_{187}^2\ \Phi_{68}^3\ \Phi_{44}^3\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_4^3\ \Phi_1^3$
103367	1497	744	$\frac{3}{248}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{245}{744}$	$\Phi_{744}^3\ \Phi_{372}^3\ \Phi_{186}^3\ \Phi_{93}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
103368	1497	600	$\frac{1}{50}$	$\frac{101}{600}$	$\frac{1}{4}$	$\frac{49}{150}$	$\Phi_{600}^3\ \Phi_{300}\ \Phi_{200}^3\ \Phi_{150}^2\ \Phi_{120}^3\ \Phi_{100}^3\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
103369	1497	740	$\frac{17}{740}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{241}{740}$	$\Phi_{740}^2\ \Phi_{370}^2\ \Phi_{185}^2\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
103370	1497	714	$\frac{1}{34}$	$\frac{23}{238}$	$\frac{215}{714}$	$\frac{11}{34}$	$\Phi_{714}^3\ \Phi_{357}^3\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{42}^3\ \Phi_{34}^2\ \Phi_{21}^3\ \Phi_{17}^2\ \Phi_6^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
103371	1497	736	$\frac{25}{736}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{237}{736}$	$\Phi_{736}^2\ \Phi_{368}^2\ \Phi_{184}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{32}^3\ \Phi_{23}^2\ \Phi_{16}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
103372	1497	726	$\frac{1}{22}$	$\frac{15}{242}$	$\frac{227}{726}$	$\frac{7}{22}$	$\Phi_{726}^3\ \Phi_{363}^3\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_6^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
103373	1497	540	$\frac{1}{20}$	$\frac{41}{540}$	$\frac{1}{4}$	$\frac{19}{60}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{90}^3\ \Phi_{54}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
103374	1497	720	$\frac{1}{20}$	$\frac{19}{240}$	$\frac{1}{4}$	$\frac{221}{720}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
103375	1497	700	$\frac{3}{100}$	$\frac{97}{700}$	$\frac{1}{4}$	$\frac{201}{700}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{140}^2\ \Phi_{100}^3\ \Phi_{70}^2\ \Phi_{50}^3\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
103376	1497	660	$\frac{1}{44}$	$\frac{43}{220}$	$\frac{161}{660}$	$\frac{59}{220}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{110}\ \Phi_{66}^3\ \Phi_{60}^3\ \Phi_{55}\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{20}\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_6^3\ \Phi_5\ \Phi_3^3\ \Phi_1$
103377	1497	1020	$\frac{11}{510}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1020}^2\ \Phi_{510}\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{204}^2\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}^2\ \Phi_{60}\ \Phi_{51}\ \Phi_{34}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
103378	1497	680	$\frac{1}{34}$	$\frac{33}{170}$	$\frac{137}{680}$	$\frac{181}{680}$	$\Phi_{680}^2\ \Phi_{340}^2\ \Phi_{170}^3\ \Phi_{136}^2\ \Phi_{85}^3\ \Phi_{68}^2\ \Phi_{40}^2\ \Phi_{34}^2\ \Phi_{20}^2\ \Phi_{17}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
103379	1497	620	$\frac{3}{124}$	$\frac{121}{620}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{620}^3\ \Phi_{310}^3\ \Phi_{155}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
103380	1497	512	$\frac{13}{512}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{512}^3\ \Phi_{256}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
103381	1497	660	$\frac{4}{165}$	$\frac{1}{5}$	$\frac{161}{660}$	$\frac{1}{4}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^3\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{11}^3\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
103382	1497	560	$\frac{1}{20}$	$\frac{61}{560}$	$\frac{19}{80}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_7^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
103383	1497	640	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{141}{640}$	$\frac{1}{4}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
103384	1497	1100	$\frac{4}{55}$	$\frac{51}{550}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1100}^2\ \Phi_{550}\ \Phi_{275}\ \Phi_{220}\ \Phi_{100}^2\ \Phi_{55}\ \Phi_{50}\ \Phi_{44}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
103385	1497	540	$\frac{41}{540}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^2\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^3\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^3\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
103386	1497	600	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{101}{600}$	$\frac{1}{4}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
103387	1497	560	$\frac{1}{10}$	$\frac{61}{560}$	$\frac{9}{70}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
103388	1498	1494	$\frac{2}{747}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{745}{1494}$	$\Phi_{1494}^2\ \Phi_{498}^2\ \Phi_{166}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
103389	1498	3000	$\frac{1}{250}$	$\frac{251}{1000}$	$\frac{1}{3}$	$\frac{249}{500}$	$\Phi_{3000}\ \Phi_{750}\ \Phi_{600}\ \Phi_{375}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
103390	1498	852	$\frac{1}{213}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{106}{213}$	$\Phi_{852}^3\ \Phi_{284}^3\ \Phi_{213}\ \Phi_{71}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
103391	1498	639	$\frac{1}{213}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{106}{213}$	$\Phi_{639}^3\ \Phi_{213}\ \Phi_{71}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
103392	1498	4470	$\frac{4}{745}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{741}{1490}$	$\Phi_{4470}\ \Phi_{894}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
103393	1498	900	$\frac{1}{150}$	$\frac{151}{900}$	$\frac{1}{3}$	$\frac{149}{300}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
103394	1498	1488	$\frac{5}{744}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{739}{1488}$	$\Phi_{1488}^2\ \Phi_{496}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
103395	1498	1485	$\frac{13}{1485}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{736}{1485}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{27}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
103396	1498	2756	$\frac{1}{106}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{105}{212}$	$\Phi_{2756}\ \Phi_{212}^2\ \Phi_{52}\ \Phi_{13}\ \Phi_4^2\ \Phi_1^2$
103397	1498	1272	$\frac{1}{106}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{105}{212}$	$\Phi_{1272}^2\ \Phi_{636}\ \Phi_{318}^2\ \Phi_{159}^2\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
103398	1498	4440	$\frac{9}{740}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{731}{1480}$	$\Phi_{4440}\ \Phi_{888}\ \Phi_{120}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
103399	1498	210	$\frac{2}{105}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{103}{210}$	$\Phi_{210}^{14}\ \Phi_{70}^{14}\ \Phi_{42}^{14}\ \Phi_{30}^{14}\ \Phi_{15}^2\ \Phi_{14}^{14}\ \Phi_{10}^{14}\ \Phi_6^{14}\ \Phi_5^2\ \Phi_3\ \Phi_2^{14}\ \Phi_1^2$
103400	1498	840	$\frac{2}{105}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{103}{210}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8^2\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
103401	1498	2400	$\frac{1}{50}$	$\frac{51}{800}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{96}\ \Phi_{75}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
103402	1498	1032	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{22}{129}$	$\frac{21}{43}$	$\Phi_{1032}^2\ \Phi_{516}^2\ \Phi_{344}\ \Phi_{258}^2\ \Phi_{172}\ \Phi_{86}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
103403	1498	720	$\frac{1}{36}$	$\frac{1}{15}$	$\frac{37}{144}$	$\frac{35}{72}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{144}^2\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^2\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
103404	1498	3120	$\frac{3}{104}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{101}{208}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
103405	1498	4350	$\frac{24}{725}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{701}{1450}$	$\Phi_{4350}\ \Phi_{870}\ \Phi_{174}\ \Phi_{150}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
103406	1498	780	$\frac{1}{30}$	$\frac{31}{780}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
103407	1498	1440	$\frac{1}{30}$	$\frac{29}{720}$	$\frac{1}{3}$	$\frac{691}{1440}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
103408	1498	1020	$\frac{5}{102}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{97}{204}$	$\Phi_{1020}^3\ \Phi_{340}^3\ \Phi_{204}^2\ \Phi_{68}^2\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
103409	1498	1425	$\frac{2}{75}$	$\frac{73}{1425}$	$\frac{1}{3}$	$\frac{676}{1425}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{285}\ \Phi_{95}\ \Phi_{75}^2\ \Phi_{57}\ \Phi_{25}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
103410	1498	600	$\frac{1}{50}$	$\frac{7}{100}$	$\frac{1}{3}$	$\frac{93}{200}$	$\Phi_{600}^7\ \Phi_{150}\ \Phi_{120}^7\ \Phi_{75}\ \Phi_{30}\ \Phi_{24}^7\ \Phi_{15}\ \Phi_{6}$
103411	1498	2067	$\frac{1}{53}$	$\frac{1}{13}$	$\frac{52}{159}$	$\frac{6}{13}$	$\Phi_{2067}\ \Phi_{159}^2\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}^2\ \Phi_{1}^2$
103412	1498	990	$\frac{1}{15}$	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{198}$	$\Phi_{990}^3\ \Phi_{330}^3\ \Phi_{198}^2\ \Phi_{110}^3\ \Phi_{90}^3\ \Phi_{66}^2\ \Phi_{45}^3\ \Phi_{30}^3\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
103413	1498	120	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{13}{120}$	$\frac{11}{24}$	$\Phi_{120}^{11}\ \Phi_{60}^{14}\ \Phi_{40}^{11}\ \Phi_{30}^{14}\ \Phi_{24}^{12}\ \Phi_{20}^{14}\ \Phi_{15}^{13}\ \Phi_{12}^{14}\ \Phi_{10}^{14}\ \Phi_{8}^{12}\ \Phi_{6}^{14}\ \Phi_{5}^{13}\ \Phi_{4}^{14}\ \Phi_{3}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
103414	1498	2280	$\frac{11}{760}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{120}\ \Phi_{114}\ \Phi_{57}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{6}$
103415	1498	1350	$\frac{1}{75}$	$\frac{74}{675}$	$\frac{1}{3}$	$\frac{601}{1350}$	$\Phi_{1350}^2\ \Phi_{450}^2\ \Phi_{270}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{54}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
103416	1498	960	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{85}{192}$	$\Phi_{960}^3\ \Phi_{320}^3\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
103417	1498	108	$\frac{1}{108}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{108}^{14}\ \Phi_{54}^{14}\ \Phi_{36}^{14}\ \Phi_{27}^{14}\ \Phi_{18}^{14}\ \Phi_{12}^{12}\ \Phi_{9}^{14}\ \Phi_{6}^{14}\ \Phi_{4}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
103418	1498	852	$\frac{1}{71}$	$\frac{1}{6}$	$\frac{35}{142}$	$\frac{5}{12}$	$\Phi_{852}^3\ \Phi_{284}^3\ \Phi_{142}^2\ \Phi_{71}\ \Phi_{12}^4\ \Phi_{4}^4\ \Phi_{2}^2\ \Phi_{1}^2$
103419	1498	180	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{17}{90}$	$\frac{73}{180}$	$\Phi_{180}^{14}\ \Phi_{90}^3\ \Phi_{60}^{14}\ \Phi_{45}^3\ \Phi_{36}^{14}\ \Phi_{30}^3\ \Phi_{20}^{14}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^{14}\ \Phi_{10}^3\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^{14}\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
103420	1498	3750	$\frac{1}{125}$	$\frac{124}{625}$	$\frac{1}{3}$	$\frac{501}{1250}$	$\Phi_{3750}\ \Phi_{750}\ \Phi_{375}\ \Phi_{150}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
103421	1498	540	$\frac{1}{108}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^2\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{27}^2\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
103422	1498	440	$\frac{3}{110}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{440}^4\ \Phi_{220}^4\ \Phi_{110}^2\ \Phi_{88}^4\ \Phi_{55}^2\ \Phi_{44}^4\ \Phi_{40}^3\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{11}^2\ \Phi_{10}\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
103423	1498	344	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{21}{86}$	$\frac{65}{172}$	$\Phi_{344}^5\ \Phi_{172}^3\ \Phi_{86}^5\ \Phi_{43}^4\ \Phi_{8}^4\ \Phi_{4}^2\ \Phi_{2}^4\ \Phi_{1}^4$
103424	1498	1200	$\frac{1}{150}$	$\frac{149}{600}$	$\frac{1}{3}$	$\frac{451}{1200}$	$\Phi_{1200}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{150}^2\ \Phi_{80}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
103425	1498	1680	$\frac{5}{112}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
103426	1498	810	$\frac{1}{27}$	$\frac{1}{15}$	$\frac{26}{81}$	$\frac{55}{162}$	$\Phi_{810}^3\ \Phi_{270}^3\ \Phi_{162}^2\ \Phi_{135}^3\ \Phi_{90}^3\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{30}^3\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
103427	1498	1125	$\frac{2}{375}$	$\frac{373}{1125}$	$\frac{1}{3}$	$\frac{376}{1125}$	$\Phi_{1125}\ \Phi_{375}^2\ \Phi_{225}\ \Phi_{125}^2\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{9}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
103428	1498	996	$\frac{2}{249}$	$\frac{247}{996}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{996}^2\ \Phi_{498}^2\ \Phi_{332}^2\ \Phi_{166}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
103429	1498	108	$\frac{1}{108}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{108}^{14}\ \Phi_{54}^{14}\ \Phi_{36}^{14}\ \Phi_{27}^{14}\ \Phi_{18}^{14}\ \Phi_{12}^{14}\ \Phi_{9}^{12}\ \Phi_{6}^{14}\ \Phi_{4}^{14}\ \Phi_{3}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
103430	1498	639	$\frac{2}{213}$	$\frac{2}{9}$	$\frac{211}{639}$	$\frac{1}{3}$	$\Phi_{639}^2\ \Phi_{213}^3\ \Phi_{71}^3\ \Phi_{9}^3\ \Phi_{3}^3\ \Phi_{1}^4$
103431	1498	900	$\frac{1}{75}$	$\frac{151}{900}$	$\frac{74}{225}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
103432	1498	1116	$\frac{5}{372}$	$\frac{1}{6}$	$\frac{367}{1116}$	$\frac{1}{3}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{279}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
103433	1498	1272	$\frac{1}{53}$	$\frac{1}{8}$	$\frac{52}{159}$	$\frac{1}{3}$	$\Phi_{1272}\ \Phi_{636}\ \Phi_{424}^2\ \Phi_{318}\ \Phi_{212}^2\ \Phi_{106}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{2}^2$
103434	1498	1110	$\frac{9}{370}$	$\frac{1}{10}$	$\frac{361}{1110}$	$\frac{1}{3}$	$\Phi_{1110}\ \Phi_{555}\ \Phi_{370}^2\ \Phi_{222}\ \Phi_{185}^2\ \Phi_{111}\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
103435	1498	810	$\frac{1}{30}$	$\frac{61}{810}$	$\frac{29}{90}$	$\frac{1}{3}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
103436	1498	1080	$\frac{1}{30}$	$\frac{29}{360}$	$\frac{331}{1080}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
103437	1498	765	$\frac{16}{765}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^2\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{45}\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
103438	1498	150	$\frac{1}{50}$	$\frac{7}{50}$	$\frac{43}{150}$	$\frac{1}{3}$	$\Phi_{150}^8\ \Phi_{75}^8\ \Phi_{50}^{14}\ \Phi_{30}^8\ \Phi_{25}^{14}\ \Phi_{15}^8\ \Phi_{10}^{14}\ \Phi_6^8\ \Phi_5^{14}\ \Phi_3^7\ \Phi_2^{14}\ \Phi_1^{14}$
103439	1498	1278	$\frac{1}{71}$	$\frac{2}{9}$	$\frac{35}{142}$	$\frac{1}{3}$	$\Phi_{1278}^2\ \Phi_{639}\ \Phi_{142}^2\ \Phi_{71}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
103440	1498	990	$\frac{13}{495}$	$\frac{2}{15}$	$\frac{241}{990}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{99}\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
103441	1498	120	$\frac{1}{30}$	$\frac{13}{120}$	$\frac{29}{120}$	$\frac{1}{3}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^{12}\ \Phi_{30}^{14}\ \Phi_{24}^{12}\ \Phi_{20}^{12}\ \Phi_{15}^{14}\ \Phi_{12}^{12}\ \Phi_{10}^{14}\ \Phi_8^{12}\ \Phi_6^{14}\ \Phi_5^{14}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
103442	1498	960	$\frac{1}{30}$	$\frac{29}{240}$	$\frac{211}{960}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
103443	1498	768	$\frac{19}{768}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
103444	1498	930	$\frac{5}{186}$	$\frac{1}{6}$	$\frac{181}{930}$	$\frac{1}{3}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{310}^2\ \Phi_{155}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
103445	1498	900	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{151}{900}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
103446	1498	630	$\frac{1}{15}$	$\frac{2}{21}$	$\frac{19}{126}$	$\frac{1}{3}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{126}^2\ \Phi_{90}^3\ \Phi_{70}^3\ \Phi_{63}^2\ \Phi_{45}^3\ \Phi_{42}^2\ \Phi_{30}^3\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
103447	1498	120	$\frac{1}{15}$	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{120}^{14}\ \Phi_{60}^{14}\ \Phi_{40}^{14}\ \Phi_{30}^{14}\ \Phi_{24}^{14}\ \Phi_{20}^{14}\ \Phi_{15}^2\ \Phi_{12}^{14}\ \Phi_{10}^{14}\ \Phi_8^{14}\ \Phi_6^{14}\ \Phi_5^2\ \Phi_4^{14}\ \Phi_3\ \Phi_2^{14}\ \Phi_1^2$
103448	1498	810	$\frac{61}{810}$	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}\ \Phi_{90}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
103449	1498	825	$\frac{13}{165}$	$\frac{76}{825}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}\ \Phi_{75}^2\ \Phi_{55}\ \Phi_{33}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
103450	1498	2520	$\frac{4}{105}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{101}{315}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}$
103451	1498	780	$\frac{3}{52}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{49}{156}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}\ \Phi_{130}^2\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{60}^3\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{30}^3\ \Phi_{26}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
103452	1498	1800	$\frac{11}{225}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{72}\ \Phi_{50}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}$
103453	1498	720	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{144}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{180}^3\ \Phi_{144}^2\ \Phi_{90}^3\ \Phi_{72}^2\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
103454	1498	280	$\frac{2}{35}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{33}{140}$	$\Phi_{280}^6\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^6\ \Phi_{40}^7\ \Phi_{35}^6\ \Phi_{28}^4\ \Phi_{20}^5\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_8^6\ \Phi_7^6\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
103455	1498	120	$\frac{13}{120}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^{13}\ \Phi_{30}^{12}\ \Phi_{24}^{12}\ \Phi_{20}^{13}\ \Phi_{15}^{14}\ \Phi_{12}^{12}\ \Phi_{10}^{13}\ \Phi_8^{12}\ \Phi_6^{12}\ \Phi_5^{14}\ \Phi_4^{12}\ \Phi_3^{14}\ \Phi_2^{12}\ \Phi_1^{14}$
103456	1498	1960	$\frac{4}{35}$	$\frac{1}{8}$	$\frac{31}{245}$	$\frac{1}{5}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
103457	1499	2568	$\frac{1}{214}$	$\frac{215}{1284}$	$\frac{1069}{2568}$	$\frac{213}{428}$	$\Phi_{2568}\ \Phi_{856}\ \Phi_{428}\ \Phi_{24}\ \Phi_8\ \Phi_4\ \Phi_1$
103458	1499	2968	$\frac{15}{1484}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{1469}{2968}$	$\Phi_{2968}\ \Phi_{424}\ \Phi_{56}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
103459	1499	2940	$\frac{29}{1470}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1441}{2940}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{196}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
103460	1499	2940	$\frac{29}{1470}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1441}{2940}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{196}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
103461	1499	1806	$\frac{6}{301}$	$\frac{1}{7}$	$\frac{307}{1806}$	$\frac{295}{602}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{301}\ \Phi_{258}\ \Phi_{129}\ \Phi_{43}\ \Phi_{42}\ \Phi_{21}\ \Phi_6\ \Phi_3\ \Phi_1$
103462	1499	2016	$\frac{13}{504}$	$\frac{1}{14}$	$\frac{517}{2016}$	$\frac{491}{1008}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
103463	1499	2912	$\frac{43}{1456}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1413}{2912}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{224}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
103464	1499	2856	$\frac{71}{1428}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1357}{2856}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{168}\ \Phi_{136}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
103465	1499	1680	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{181}{1680}$	$\frac{155}{336}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
103466	1499	2772	$\frac{1}{14}$	$\frac{113}{1386}$	$\frac{13}{126}$	$\frac{1273}{2772}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{132}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{44}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
103467	1499	2688	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{155}{1344}$	$\frac{1189}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{168}\ \Phi_{128}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
103468	1499	2568	$\frac{1}{107}$	$\frac{215}{1284}$	$\frac{106}{321}$	$\frac{1069}{2568}$	$\Phi_{2568}\ \Phi_{856}\ \Phi_{321}\ \Phi_{24}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
103469	1499	1540	$\frac{41}{1540}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{140}\ \Phi_{110}\ \Phi_{77}\ \Phi_{55}\ \Phi_{44}\ \Phi_{35}\ \Phi_{28}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
103470	1499	2520	$\frac{13}{252}$	$\frac{1}{14}$	$\frac{239}{1260}$	$\frac{1021}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
103471	1499	2140	$\frac{1}{107}$	$\frac{106}{535}$	$\frac{641}{2140}$	$\frac{429}{1070}$	$\Phi_{2140}\ \Phi_{535}\ \Phi_{428}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
103472	1499	1568	$\frac{69}{1568}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{224}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{32}\ \Phi_{28}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
103473	1499	2408	$\frac{6}{301}$	$\frac{1}{7}$	$\frac{295}{1204}$	$\frac{909}{2408}$	$\Phi_{2408}\ \Phi_{344}\ \Phi_{301}\ \Phi_{56}\ \Phi_{43}\ \Phi_{8}\ \Phi_{1}$
103474	1499	2268	$\frac{13}{378}$	$\frac{1}{14}$	$\frac{365}{1134}$	$\frac{769}{2268}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{378}\ \Phi_{324}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
103475	1499	1926	$\frac{1}{107}$	$\frac{427}{1926}$	$\frac{106}{321}$	$\frac{215}{642}$	$\Phi_{1926}\ \Phi_{963}\ \Phi_{321}\ \Phi_{18}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
103476	1499	2205	$\frac{29}{735}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{706}{2205}$	$\Phi_{2205}\ \Phi_{441}\ \Phi_{315}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
103477	1499	2184	$\frac{43}{728}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{685}{2184}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{168}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{56}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
103478	1499	1764	$\frac{1}{14}$	$\frac{29}{294}$	$\frac{265}{1764}$	$\frac{13}{42}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{252}\ \Phi_{196}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
103479	1499	1680	$\frac{1}{14}$	$\frac{181}{1680}$	$\frac{29}{210}$	$\frac{13}{42}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{84}\ \Phi_{80}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
103480	1499	1575	$\frac{76}{1575}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{75}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{25}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
103481	1499	2016	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{155}{672}$	$\frac{517}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
103482	1499	1960	$\frac{29}{490}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{461}{1960}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{392}\ \Phi_{280}\ \Phi_{196}\ \Phi_{140}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
103483	1499	1680	$\frac{181}{1680}$	$\frac{29}{210}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{84}\ \Phi_{80}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
103484	1499	1715	$\frac{29}{245}$	$\frac{216}{1715}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{35}\ \Phi_{5}\ \Phi_{1}$
103485	1500	2244	$\frac{1}{374}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{373}{748}$	$\Phi_{2244}\ \Phi_{748}^2\ \Phi_{204}\ \Phi_{132}\ \Phi_{68}^2\ \Phi_{44}^2\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
103486	1500	2392	$\frac{1}{299}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{149}{299}$	$\Phi_{2392}\ \Phi_{299}\ \Phi_{184}\ \Phi_{104}\ \Phi_{23}\ \Phi_{13}\ \Phi_{8}^2\ \Phi_{1}^2$
103487	1500	1245	$\frac{1}{249}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{124}{249}$	$\Phi_{1245}\ \Phi_{415}\ \Phi_{249}^2\ \Phi_{83}^2\ \Phi_{15}\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
103488	1500	996	$\frac{1}{249}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{124}{249}$	$\Phi_{996}^2\ \Phi_{498}^2\ \Phi_{332}^2\ \Phi_{166}^2\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
103489	1500	1499	$\frac{7}{1499}$	$\frac{251}{1499}$	$\frac{624}{1499}$	$\frac{746}{1499}$	$\Phi_{1499}\ \Phi_{1}^2$
103490	1500	668	$\frac{1}{167}$	$\frac{1}{4}$	$\frac{42}{167}$	$\frac{83}{167}$	$\Phi_{668}^3\ \Phi_{334}^3\ \Phi_{4}^2\ \Phi_{2}^2$
103491	1500	1499	$\frac{9}{1499}$	$\frac{374}{1499}$	$\frac{377}{1499}$	$\frac{745}{1499}$	$\Phi_{1499}\ \Phi_{1}^2$
103492	1500	2253	$\frac{5}{751}$	$\frac{126}{751}$	$\frac{1}{3}$	$\frac{373}{751}$	Φ_{2253}
103493	1500	1341	$\frac{1}{149}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{74}{149}$	$\Phi_{1341}\ \Phi_{447}\ \Phi_{149}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
103494	1500	894	$\frac{1}{149}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{74}{149}$	$\Phi_{894}^2\ \Phi_{447}\ \Phi_{298}^2\ \Phi_{149}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
103495	1500	1499	$\frac{11}{1499}$	$\frac{151}{1499}$	$\frac{674}{1499}$	$\frac{744}{1499}$	$\Phi_{1499}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
103496	1500	2728	$\frac{1}{124}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{123}{248}$	$\Phi_{2728}\ \Phi_{248}^2\ \Phi_{88}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
103497	1500	5208	$\frac{1}{124}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{123}{248}$	$\Phi_{5208}\ \Phi_{168}\ \Phi_{21}$
103498	1500	2728	$\frac{1}{124}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{123}{248}$	$\Phi_{2728}\ \Phi_{248}^2\ \Phi_{88}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
103499	1500	1240	$\frac{1}{124}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{123}{248}$	$\Phi_{1240}^3\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
103500	1500	1806	$\frac{3}{301}$	$\frac{1}{6}$	$\frac{76}{301}$	$\frac{149}{301}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{602}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
103501	1500	2772	$\frac{1}{99}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{49}{99}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{132}\ \Phi_{99}\ \Phi_{84}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
103502	1500	693	$\frac{1}{99}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{49}{99}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}^3\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{33}^3\ \Phi_{21}^2\ \Phi_{11}^3\ \Phi_9^3\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
103503	1500	396	$\frac{1}{99}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{49}{99}$	$\Phi_{396}^5\ \Phi_{198}^2\ \Phi_{132}^5\ \Phi_{99}^3\ \Phi_{66}^2\ \Phi_{44}^5\ \Phi_{36}^5\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^7\ \Phi_{11}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
103504	1500	1499	$\frac{17}{1499}$	$\frac{224}{1499}$	$\frac{379}{1499}$	$\frac{741}{1499}$	$\Phi_{1499}\ \Phi_1^2$
103505	1500	2253	$\frac{9}{751}$	$\frac{76}{751}$	$\frac{1}{3}$	$\frac{371}{751}$	Φ_{2253}
103506	1500	2812	$\frac{1}{74}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{73}{148}$	$\Phi_{2812}\ \Phi_{148}^2\ \Phi_{76}\ \Phi_{19}\ \Phi_4^2\ \Phi_1^2$
103507	1500	4884	$\frac{1}{74}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{73}{148}$	$\Phi_{4884}\ \Phi_{132}\ \Phi_{33}$
103508	1500	2812	$\frac{1}{74}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{73}{148}$	$\Phi_{2812}\ \Phi_{148}^2\ \Phi_{76}\ \Phi_{19}\ \Phi_4^2\ \Phi_1^2$
103509	1500	2220	$\frac{1}{74}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{73}{148}$	$\Phi_{2220}^2\ \Phi_{740}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
103510	1500	1499	$\frac{21}{1499}$	$\frac{152}{1499}$	$\frac{449}{1499}$	$\frac{739}{1499}$	$\Phi_{1499}\ \Phi_1^2$
103511	1500	3198	$\frac{2}{123}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{121}{246}$	$\Phi_{3198}\ \Phi_{1066}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
103512	1500	1806	$\frac{5}{301}$	$\frac{1}{6}$	$\frac{51}{301}$	$\frac{148}{301}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{602}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
103513	1500	1499	$\frac{25}{1499}$	$\frac{249}{1499}$	$\frac{254}{1499}$	$\frac{737}{1499}$	$\Phi_{1499}\ \Phi_1^2$
103514	1500	2832	$\frac{1}{59}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{29}{59}$	$\Phi_{2832}\ \Phi_{944}\ \Phi_{59}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_1^2$
103515	1500	1593	$\frac{1}{59}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{29}{59}$	$\Phi_{1593}\ \Phi_{531}\ \Phi_{59}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_1^2$
103516	1500	2124	$\frac{1}{59}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{29}{59}$	$\Phi_{2124}\ \Phi_{1062}\ \Phi_{531}\ \Phi_{59}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
103517	1500	1652	$\frac{1}{59}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{29}{59}$	$\Phi_{1652}\ \Phi_{826}\ \Phi_{413}\ \Phi_{59}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
103518	1500	1888	$\frac{1}{59}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{29}{59}$	$\Phi_{1888}\ \Phi_{944}\ \Phi_{59}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_1^2$
103519	1500	354	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{29}{59}$	$\Phi_{354}^4\ \Phi_{177}^4\ \Phi_{118}^4\ \Phi_{59}^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
103520	1500	668	$\frac{3}{167}$	$\frac{17}{167}$	$\frac{1}{4}$	$\frac{82}{167}$	$\Phi_{668}^3\ \Phi_{334}^3\ \Phi_4^2\ \Phi_2^2$
103521	1500	3680	$\frac{7}{368}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{361}{736}$	$\Phi_{3680}\ \Phi_{160}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
103522	1500	1421	$\frac{1}{49}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{24}{49}$	$\Phi_{1421}\ \Phi_{203}\ \Phi_{49}^2\ \Phi_{29}^2\ \Phi_7^2\ \Phi_1^4$
103523	1500	2352	$\frac{1}{49}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{168}\ \Phi_{84}\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
103524	1500	1421	$\frac{1}{49}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{24}{49}$	$\Phi_{1421}\ \Phi_{203}\ \Phi_{49}^2\ \Phi_{29}^2\ \Phi_7^2\ \Phi_1^4$
103525	1500	2156	$\frac{1}{49}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{24}{49}$	$\Phi_{2156}\ \Phi_{1078}\ \Phi_{308}\ \Phi_{154}\ \Phi_{44}^2\ \Phi_{22}^2$
103526	1500	1421	$\frac{1}{49}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{24}{49}$	$\Phi_{1421}\ \Phi_{203}\ \Phi_{49}^2\ \Phi_{29}^2\ \Phi_7^2\ \Phi_1^4$
103527	1500	294	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{24}{49}$	$\Phi_{294}^6\ \Phi_{147}^6\ \Phi_{98}^6\ \Phi_{42}^7\ \Phi_{21}^7\ \Phi_{14}^7\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6$
103528	1500	1499	$\frac{31}{1499}$	$\frac{51}{1499}$	$\frac{724}{1499}$	$\frac{734}{1499}$	$\Phi_{1499}\ \Phi_1^2$
103529	1500	258	$\frac{1}{43}$	$\frac{11}{86}$	$\frac{1}{6}$	$\frac{21}{43}$	$\Phi_{258}^7\ \Phi_{129}^7\ \Phi_{86}^3\ \Phi_{43}^4\ \Phi_6^6\ \Phi_3^6\ \Phi_2^2\ \Phi_1^4$
103530	1500	2184	$\frac{1}{42}$	$\frac{1}{13}$	$\frac{43}{168}$	$\frac{41}{84}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{182}\ \Phi_{104}\ \Phi_{91}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
103531	1500	1499	$\frac{41}{1499}$	$\frac{77}{1499}$	$\frac{474}{1499}$	$\frac{729}{1499}$	$\Phi_{1499}\ \Phi_1^2$
103532	1500	1499	$\frac{41}{1499}$	$\frac{154}{1499}$	$\frac{269}{1499}$	$\frac{729}{1499}$	$\Phi_{1499}\ \Phi_1^2$
103533	1500	1616	$\frac{3}{101}$	$\frac{1}{16}$	$\frac{26}{101}$	$\frac{49}{101}$	$\Phi_{1616}\ \Phi_{808}\ \Phi_{404}\ \Phi_{202}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
103534	1500	1806	$\frac{9}{301}$	$\frac{31}{301}$	$\frac{1}{6}$	$\frac{146}{301}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{602}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
103535	1500	1499	$\frac{49}{1499}$	$\frac{129}{1499}$	$\frac{274}{1499}$	$\frac{725}{1499}$	$\Phi_{1499}\ \Phi_{1}^{2}$
103536	1500	1661	$\frac{5}{151}$	$\frac{1}{11}$	$\frac{26}{151}$	$\frac{73}{151}$	Φ_{1661}
103537	1500	1499	$\frac{51}{1499}$	$\frac{155}{1499}$	$\frac{224}{1499}$	$\frac{724}{1499}$	$\Phi_{1499}\ \Phi_{1}^{2}$
103538	1500	2262	$\frac{1}{29}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{2262}\ \Phi_{1131}\ \Phi_{174}\ \Phi_{78}^{2}\ \Phi_{39}^{2}\ \Phi_{6}^{2}$
103539	1500	1421	$\frac{1}{29}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{14}{29}$	$\Phi_{1421}\ \Phi_{203}\ \Phi_{49}^{2}\ \Phi_{29}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
103540	1500	1914	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{14}{29}$	$\Phi_{1914}\ \Phi_{957}\ \Phi_{638}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{2}$
103541	1500	812	$\frac{1}{29}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{14}{29}$	$\Phi_{812}^{2}\ \Phi_{406}^{2}\ \Phi_{203}\ \Phi_{116}^{2}\ \Phi_{58}^{2}\ \Phi_{29}^{2}\ \Phi_{28}^{4}\ \Phi_{14}^{4}\ \Phi_{7}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
103542	1500	1757	$\frac{9}{251}$	$\frac{26}{251}$	$\frac{1}{7}$	$\frac{121}{251}$	Φ_{1757}
103543	1500	1806	$\frac{11}{301}$	$\frac{26}{301}$	$\frac{1}{6}$	$\frac{145}{301}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{602}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
103544	1500	1499	$\frac{55}{1499}$	$\frac{124}{1499}$	$\frac{259}{1499}$	$\frac{722}{1499}$	$\Phi_{1499}\ \Phi_{1}^{2}$
103545	1500	2004	$\frac{19}{501}$	$\frac{26}{501}$	$\frac{1}{4}$	$\frac{241}{501}$	$\Phi_{2004}\ \Phi_{1002}\ \Phi_{668}\ \Phi_{334}\ \Phi_{12}\ \Phi_{6}$
103546	1500	1499	$\frac{57}{1499}$	$\frac{74}{1499}$	$\frac{389}{1499}$	$\frac{721}{1499}$	$\Phi_{1499}\ \Phi_{1}^{2}$
103547	1500	2253	$\frac{26}{751}$	$\frac{29}{751}$	$\frac{1}{3}$	$\frac{361}{751}$	Φ_{2253}
103548	1500	1488	$\frac{1}{31}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{1488}^{2}\ \Phi_{496}^{2}\ \Phi_{93}$
103549	1500	2832	$\frac{2}{59}$	$\frac{1}{24}$	$\frac{19}{59}$	$\frac{23}{48}$	$\Phi_{2832}\ \Phi_{944}\ \Phi_{59}\ \Phi_{48}^{2}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
103550	1500	336	$\frac{1}{24}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{336}^{9}\ \Phi_{112}^{9}\ \Phi_{84}\ \Phi_{48}^{6}\ \Phi_{42}\ \Phi_{28}\ \Phi_{16}^{6}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
103551	1500	2832	$\frac{1}{24}$	$\frac{3}{59}$	$\frac{14}{59}$	$\frac{23}{48}$	$\Phi_{2832}\ \Phi_{944}\ \Phi_{59}\ \Phi_{48}^{2}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
103552	1500	240	$\frac{1}{24}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{240}^{7}\ \Phi_{120}^{8}\ \Phi_{80}^{8}\ \Phi_{60}^{8}\ \Phi_{40}^{9}\ \Phi_{30}^{8}\ \Phi_{20}^{9}\ \Phi_{15}^{8}\ \Phi_{10}^{9}\ \Phi_{5}^{8}$
103553	1500	2832	$\frac{1}{24}$	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{23}{48}$	$\Phi_{2832}\ \Phi_{944}\ \Phi_{59}\ \Phi_{48}^{2}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
103554	1500	624	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{23}{48}$	$\Phi_{624}^{5}\ \Phi_{208}^{5}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
103555	1500	2832	$\frac{1}{24}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{23}{48}$	$\Phi_{2832}\ \Phi_{944}\ \Phi_{59}\ \Phi_{48}^{2}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
103556	1500	3696	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{23}{48}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{77}$
103557	1500	1586	$\frac{1}{26}$	$\frac{3}{61}$	$\frac{16}{61}$	$\frac{29}{61}$	$\Phi_{1586}\ \Phi_{793}\ \Phi_{122}$
103558	1500	3094	$\frac{6}{119}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{113}{238}$	$\Phi_{3094}\ \Phi_{442}\ \Phi_{182}\ \Phi_{91}\ \Phi_{26}$
103559	1500	703	$\frac{1}{37}$	$\frac{1}{19}$	$\frac{12}{37}$	$\frac{9}{19}$	$\Phi_{703}^{2}\ \Phi_{37}^{4}\ \Phi_{19}^{3}\ \Phi_{1}^{6}$
103560	1500	988	$\frac{1}{26}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{988}^{2}\ \Phi_{494}\ \Phi_{247}\ \Phi_{76}\ \Phi_{52}^{4}\ \Phi_{26}^{2}\ \Phi_{19}\ \Phi_{13}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
103561	1500	703	$\frac{1}{19}$	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{9}{19}$	$\Phi_{703}^{2}\ \Phi_{37}^{4}\ \Phi_{19}^{3}\ \Phi_{1}^{6}$
103562	1500	912	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{912}^{2}\ \Phi_{456}^{2}\ \Phi_{304}\ \Phi_{228}^{2}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}^{4}\ \Phi_{24}^{4}\ \Phi_{19}$ $\Phi_{16}^{2}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
103563	1500	1499	$\frac{79}{1499}$	$\frac{81}{1499}$	$\frac{284}{1499}$	$\frac{709}{1499}$	$\Phi_{1499}\ \Phi_{1}^{2}$
103564	1500	1872	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{19}{144}$	$\frac{17}{36}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
103565	1500	1054	$\frac{1}{31}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{1054}^{2}\ \Phi_{527}\ \Phi_{62}^{2}$
103566	1500	1661	$\frac{9}{151}$	$\frac{1}{11}$	$\frac{16}{151}$	$\frac{71}{151}$	Φ_{1661}
103567	1500	1499	$\frac{91}{1499}$	$\frac{134}{1499}$	$\frac{159}{1499}$	$\frac{704}{1499}$	$\Phi_{1499}\ \Phi_{1}^{2}$
103568	1500	1806	$\frac{16}{301}$	$\frac{19}{301}$	$\frac{1}{6}$	$\frac{141}{301}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{602}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
103569	1500	1499	$\frac{44}{1499}$	$\frac{97}{1499}$	$\frac{399}{1499}$	$\frac{701}{1499}$	$\Phi_{1499}\ \Phi_{1}^{2}$
103570	1500	2253	$\frac{16}{751}$	$\frac{49}{751}$	$\frac{1}{3}$	$\frac{351}{751}$	Φ_{2253}
103571	1500	1499	$\frac{32}{1499}$	$\frac{101}{1499}$	$\frac{489}{1499}$	$\frac{699}{1499}$	$\Phi_{1499}\ \Phi_{1}^{2}$
103572	1500	234	$\frac{8}{117}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{109}{234}$	$\Phi_{234}^{12}\ \Phi_{117}\ \Phi_{78}^{12}\ \Phi_{39}\ \Phi_{26}^{12}\ \Phi_{18}^{12}\ \Phi_{6}^{12}\ \Phi_{2}^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
103573	1500	1428	$\frac{1}{51}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{1428}^2\ \Phi_{476}^2\ \Phi_{204}^2\ \Phi_{84}\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{28}^2\ \Phi_{17}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
103574	1500	924	$\frac{1}{33}$	$\frac{1}{14}$	$\frac{8}{33}$	$\frac{13}{28}$	$\Phi_{924}^3\ \Phi_{308}^3\ \Phi_{132}^3\ \Phi_{84}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{28}^4\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
103575	1500	1820	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{1820}^2\ \Phi_{260}^2\ \Phi_{140}\ \Phi_{130}\ \Phi_{65}\ \Phi_{20}\ \Phi_{10}$
103576	1500	2772	$\frac{4}{99}$	$\frac{1}{14}$	$\frac{19}{99}$	$\frac{13}{28}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{132}\ \Phi_{99}\ \Phi_{84}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
103577	1500	84	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{84}^{33}\ \Phi_{42}^3\ \Phi_{28}^{34}\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}^{33}\ \Phi_7^2\ \Phi_6^2\ \Phi_4^{34}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
103578	1500	756	$\frac{1}{14}$	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{13}{28}$	$\Phi_{756}^4\ \Phi_{252}^3\ \Phi_{108}^4\ \Phi_{84}^3\ \Phi_{36}^3\ \Phi_{28}^4\ \Phi_{27}^4\ \Phi_{12}^3\ \Phi_9^3\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
103579	1500	364	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{3}{28}$	$\frac{13}{28}$	$\Phi_{364}^4\ \Phi_{182}^5\ \Phi_{91}^5\ \Phi_{52}^4\ \Phi_{26}^5\ \Phi_{13}^4$
103580	1500	308	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{13}{28}$	$\Phi_{308}^9\ \Phi_{44}^9\ \Phi_{28}^{10}\ \Phi_{11}^9\ \Phi_4^{10}\ \Phi_1^{10}$
103581	1500	1499	$\frac{54}{1499}$	$\frac{121}{1499}$	$\frac{289}{1499}$	$\frac{689}{1499}$	$\Phi_{1499}\ \Phi_1^2$
103582	1500	1586	$\frac{1}{26}$	$\frac{5}{61}$	$\frac{11}{61}$	$\frac{28}{61}$	$\Phi_{1586}\ \Phi_{793}\ \Phi_{122}$
103583	1500	1616	$\frac{1}{16}$	$\frac{9}{101}$	$\frac{11}{101}$	$\frac{46}{101}$	$\Phi_{1616}\ \Phi_{808}\ \Phi_{404}\ \Phi_{202}$
103584	1500	2046	$\frac{1}{62}$	$\frac{1}{11}$	$\frac{61}{186}$	$\frac{5}{11}$	$\Phi_{2046}\ \Phi_{1023}\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
103585	1500	1408	$\frac{3}{128}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{128}^2\ \Phi_{88}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
103586	1500	341	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{6}{31}$	$\frac{5}{11}$	$\Phi_{341}^4\ \Phi_{31}^8\ \Phi_{11}^5\ \Phi_1^{10}$
103587	1500	858	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{286}\ \Phi_{143}\ \Phi_{78}^4\ \Phi_{66}\ \Phi_{39}^4\ \Phi_{33}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
103588	1500	1499	$\frac{89}{1499}$	$\frac{141}{1499}$	$\frac{164}{1499}$	$\frac{679}{1499}$	$\Phi_{1499}\ \Phi_1^2$
103589	1500	1806	$\frac{11}{301}$	$\frac{29}{301}$	$\frac{1}{6}$	$\frac{136}{301}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{602}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
103590	1500	1499	$\frac{49}{1499}$	$\frac{145}{1499}$	$\frac{274}{1499}$	$\frac{677}{1499}$	$\Phi_{1499}\ \Phi_1^2$
103591	1500	2004	$\frac{11}{501}$	$\frac{49}{501}$	$\frac{1}{4}$	$\frac{226}{501}$	$\Phi_{2004}\ \Phi_{1002}\ \Phi_{668}\ \Phi_{334}\ \Phi_{12}\ \Phi_6$
103592	1500	684	$\frac{1}{76}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}^3\ \Phi_{171}^2\ \Phi_{114}^3\ \Phi_{76}^2\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{36}^2\ \Phi_{19}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
103593	1500	1341	$\frac{2}{149}$	$\frac{1}{9}$	$\frac{49}{149}$	$\frac{4}{9}$	$\Phi_{1341}\ \Phi_{447}\ \Phi_{149}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
103594	1500	612	$\frac{1}{51}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{204}^4\ \Phi_{102}^4\ \Phi_{68}^4\ \Phi_{36}^2\ \Phi_{34}^4\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
103595	1500	1341	$\frac{4}{149}$	$\frac{1}{9}$	$\frac{29}{149}$	$\frac{4}{9}$	$\Phi_{1341}\ \Phi_{447}\ \Phi_{149}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
103596	1500	558	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{558}^3\ \Phi_{279}^2\ \Phi_{186}^4\ \Phi_{93}^3\ \Phi_{62}^4\ \Phi_{31}^2$
103597	1500	1341	$\frac{5}{149}$	$\frac{1}{9}$	$\frac{24}{149}$	$\frac{4}{9}$	$\Phi_{1341}\ \Phi_{447}\ \Phi_{149}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
103598	1500	1638	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{126}\ \Phi_{91}^2\ \Phi_{42}\ \Phi_{14}^2$
103599	1500	1341	$\frac{9}{149}$	$\frac{14}{149}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1341}\ \Phi_{447}\ \Phi_{149}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
103600	1500	1584	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{22}^2$
103601	1500	2912	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{13}{112}$	$\frac{99}{224}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{182}\ \Phi_{91}\ \Phi_{26}$
103602	1500	640	$\frac{3}{128}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^2\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^2$
103603	1500	1499	$\frac{17}{1499}$	$\frac{201}{1499}$	$\frac{494}{1499}$	$\frac{649}{1499}$	$\Phi_{1499}\ \Phi_1^2$
103604	1500	1499	$\frac{34}{1499}$	$\frac{201}{1499}$	$\frac{293}{1499}$	$\frac{649}{1499}$	$\Phi_{1499}\ \Phi_1^2$
103605	1500	3290	$\frac{1}{47}$	$\frac{46}{329}$	$\frac{1}{5}$	$\frac{283}{658}$	$\Phi_{3290}\ \Phi_{470}\ \Phi_{235}\ \Phi_{70}\ \Phi_{10}$
103606	1500	532	$\frac{1}{76}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{532}^3\ \Phi_{266}^3\ \Phi_{133}^3\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{28}^3\ \Phi_{19}^2\ \Phi_{14}^3\ \Phi_4^2\ \Phi_2^2$
103607	1500	462	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{66}^4\ \Phi_{42}^3\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
103608	1500	1586	$\frac{1}{26}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{26}{61}$	$\Phi_{1586}\ \Phi_{793}\ \Phi_{122}$
103609	1500	2808	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{17}{108}$	$\frac{91}{216}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{312}\ \Phi_{234}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
103610	1500	1499	$\frac{29}{1499}$	$\frac{241}{1499}$	$\frac{294}{1499}$	$\frac{629}{1499}$	$\Phi_{1499}\ \Phi_1^2$
103611	1500	1499	$\frac{53}{1499}$	$\frac{174}{1499}$	$\frac{241}{1499}$	$\frac{629}{1499}$	$\Phi_{1499}\ \Phi_1^2$
103612	1500	1581	$\frac{1}{51}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{1581}\ \Phi_{527}\ \Phi_{93}$
103613	1500	258	$\frac{1}{43}$	$\frac{7}{43}$	$\frac{1}{6}$	$\frac{18}{43}$	$\Phi_{258}^7\ \Phi_{129}^7\ \Phi_{86}^7\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6$
103614	1500	1716	$\frac{7}{132}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{286}\ \Phi_{143}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
103615	1500	1499	$\frac{35}{1499}$	$\frac{244}{1499}$	$\frac{251}{1499}$	$\frac{624}{1499}$	$\Phi_{1499}\ \Phi_1^2$
103616	1500	527	$\frac{1}{31}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{527}^3\ \Phi_{31}^2$
103617	1500	1586	$\frac{1}{26}$	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{25}{61}$	$\Phi_{1586}\ \Phi_{793}\ \Phi_{122}$
103618	1500	1499	$\frac{59}{1499}$	$\frac{144}{1499}$	$\frac{271}{1499}$	$\frac{614}{1499}$	$\Phi_{1499}\ \Phi_1^2$
103619	1500	1499	$\frac{89}{1499}$	$\frac{94}{1499}$	$\frac{281}{1499}$	$\frac{609}{1499}$	$\Phi_{1499}\ \Phi_1^2$
103620	1500	1616	$\frac{6}{101}$	$\frac{1}{16}$	$\frac{19}{101}$	$\frac{41}{101}$	$\Phi_{1616}\ \Phi_{808}\ \Phi_{404}\ \Phi_{202}$
103621	1500	546	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{4}{21}$	$\frac{17}{42}$	$\Phi_{546}^5\ \Phi_{273}\ \Phi_{182}^5\ \Phi_{91}\ \Phi_{78}^5\ \Phi_{39}\ \Phi_{26}^5$
103622	1500	1661	$\frac{6}{151}$	$\frac{1}{11}$	$\frac{29}{151}$	$\frac{61}{151}$	Φ_{1661}
103623	1500	1499	$\frac{54}{1499}$	$\frac{149}{1499}$	$\frac{289}{1499}$	$\frac{605}{1499}$	$\Phi_{1499}\ \Phi_1^2$
103624	1500	1499	$\frac{44}{1499}$	$\frac{179}{1499}$	$\frac{291}{1499}$	$\frac{604}{1499}$	$\Phi_{1499}\ \Phi_1^2$
103625	1500	1757	$\frac{6}{251}$	$\frac{1}{7}$	$\frac{49}{251}$	$\frac{101}{251}$	Φ_{1757}
103626	1500	1806	$\frac{6}{301}$	$\frac{1}{6}$	$\frac{59}{301}$	$\frac{121}{301}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{602}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
103627	1500	1499	$\frac{24}{1499}$	$\frac{295}{1499}$	$\frac{299}{1499}$	$\frac{602}{1499}$	$\Phi_{1499}\ \Phi_1^2$
103628	1500	668	$\frac{2}{167}$	$\frac{33}{167}$	$\frac{1}{4}$	$\frac{67}{167}$	$\Phi_{668}^3\ \Phi_{334}^3\ \Phi_4^2\ \Phi_2^2$
103629	1500	1499	$\frac{14}{1499}$	$\frac{297}{1499}$	$\frac{449}{1499}$	$\frac{601}{1499}$	$\Phi_{1499}\ \Phi_1^2$
103630	1500	2253	$\frac{6}{751}$	$\frac{149}{751}$	$\frac{1}{3}$	$\frac{301}{751}$	Φ_{2253}
103631	1500	630	$\frac{1}{126}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{630}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^4\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^4\ \Phi_{45}^2\ \Phi_{42}^4\ \Phi_{35}^2\ \Phi_{30}^2$ $\Phi_{21}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{14}^4\ \Phi_{10}^2\ \Phi_9^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
103632	1500	830	$\frac{1}{83}$	$\frac{1}{5}$	$\frac{41}{166}$	$\frac{2}{5}$	$\Phi_{830}^2\ \Phi_{415}\ \Phi_{166}^4\ \Phi_{83}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^4\ \Phi_1^4$
103633	1500	1245	$\frac{4}{249}$	$\frac{49}{249}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1245}\ \Phi_{415}\ \Phi_{249}^2\ \Phi_{83}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
103634	1500	510	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{510}^3\ \Phi_{255}^2\ \Phi_{170}^3\ \Phi_{102}^6\ \Phi_{85}^2\ \Phi_{51}^4\ \Phi_{34}^6\ \Phi_{30}^2\ \Phi_{17}^4\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^4$ $\Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
103635	1500	415	$\frac{3}{83}$	$\frac{8}{83}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{415}^3\ \Phi_{83}^6\ \Phi_5^4\ \Phi_1^8$
103636	1500	1430	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1430}\ \Phi_{715}\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{110}\ \Phi_{22}^2$
103637	1500	1638	$\frac{1}{126}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{234}\ \Phi_{182}\ \Phi_{117}\ \Phi_{91}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
103638	1500	3624	$\frac{1}{151}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{3624}\ \Phi_{453}$
103639	1500	2392	$\frac{2}{299}$	$\frac{1}{4}$	$\frac{99}{299}$	$\frac{3}{8}$	$\Phi_{2392}\ \Phi_{299}\ \Phi_{184}\ \Phi_{104}\ \Phi_{23}\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
103640	1500	808	$\frac{1}{101}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{808}^3\ \Phi_{404}\ \Phi_{202}$
103641	1500	2392	$\frac{3}{299}$	$\frac{74}{299}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2392}\ \Phi_{299}\ \Phi_{184}\ \Phi_{104}\ \Phi_{23}\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
103642	1500	760	$\frac{1}{76}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{760}^4\ \Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
103643	1500	2392	$\frac{4}{299}$	$\frac{59}{299}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2392}\ \Phi_{299}\ \Phi_{184}\ \Phi_{104}\ \Phi_{23}\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
103644	1500	1464	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1464}^2\ \Phi_{488}\ \Phi_{366}\ \Phi_{183}\ \Phi_{122}$
103645	1500	2392	$\frac{5}{299}$	$\frac{49}{299}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2392}\ \Phi_{299}\ \Phi_{184}\ \Phi_{104}\ \Phi_{23}\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
103646	1500	2856	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{357}\ \Phi_{168}\ \Phi_{119}\ \Phi_{21}$
103647	1500	2392	$\frac{9}{299}$	$\frac{29}{299}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2392}\ \Phi_{299}\ \Phi_{184}\ \Phi_{104}\ \Phi_{23}\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
103648	1500	2728	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2728}\ \Phi_{341}$
103649	1500	2392	$\frac{11}{299}$	$\frac{24}{299}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2392}\ \Phi_{299}\ \Phi_{184}\ \Phi_{104}\ \Phi_{23}\ \Phi_{13}\ \Phi_{8}^2\ \Phi_{1}^2$
103650	1500	104	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{104}^{23}\ \Phi_{26}^{12}\ \Phi_{13}^{11}\ \Phi_{8}^{24}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
103651	1500	1288	$\frac{1}{23}$	$\frac{11}{161}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1288}^2\ \Phi_{184}\ \Phi_{161}^2\ \Phi_{56}^2\ \Phi_{23}\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{1}^2$
103652	1500	2392	$\frac{14}{299}$	$\frac{19}{299}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2392}\ \Phi_{299}\ \Phi_{184}\ \Phi_{104}\ \Phi_{23}\ \Phi_{13}\ \Phi_{8}^2\ \Phi_{1}^2$
103653	1500	336	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{336}^5\ \Phi_{168}^4\ \Phi_{112}^5\ \Phi_{84}^5\ \Phi_{56}^4\ \Phi_{48}^5\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_{7}^4\ \Phi_{6}^5\ \Phi_{3}^4$
103654	1500	1499	$\frac{19}{1499}$	$\frac{296}{1499}$	$\frac{401}{1499}$	$\frac{549}{1499}$	$\Phi_{1499}\ \Phi_{1}^2$
103655	1500	1581	$\frac{1}{51}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{1581}\ \Phi_{527}\ \Phi_{93}$
103656	1500	1499	$\frac{39}{1499}$	$\frac{146}{1499}$	$\frac{451}{1499}$	$\frac{524}{1499}$	$\Phi_{1499}\ \Phi_{1}^2$
103657	1500	1586	$\frac{1}{26}$	$\frac{4}{61}$	$\frac{19}{61}$	$\frac{21}{61}$	$\Phi_{1586}\ \Phi_{793}\ \Phi_{122}$
103658	1500	798	$\frac{1}{21}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{798}^3\ \Phi_{399}\ \Phi_{266}^3\ \Phi_{133}\ \Phi_{114}^3\ \Phi_{57}\ \Phi_{42}^3\ \Phi_{14}^3\ \Phi_{6}^3$
103659	1500	1499	$\frac{56}{1499}$	$\frac{99}{1499}$	$\frac{481}{1499}$	$\frac{509}{1499}$	$\Phi_{1499}\ \Phi_{1}^2$
103660	1500	1661	$\frac{4}{151}$	$\frac{1}{11}$	$\frac{49}{151}$	$\frac{51}{151}$	Φ_{1661}
103661	1500	1499	$\frac{26}{1499}$	$\frac{199}{1499}$	$\frac{491}{1499}$	$\frac{504}{1499}$	$\Phi_{1499}\ \Phi_{1}^2$
103662	1500	1806	$\frac{4}{301}$	$\frac{1}{6}$	$\frac{99}{301}$	$\frac{101}{301}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{602}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
103663	1500	940	$\frac{1}{94}$	$\frac{1}{5}$	$\frac{31}{94}$	$\frac{63}{188}$	$\Phi_{940}^3\ \Phi_{470}\ \Phi_{235}\ \Phi_{20}^3\ \Phi_{10}$
103664	1500	1499	$\frac{8}{1499}$	$\frac{497}{1499}$	$\frac{499}{1499}$	$\frac{501}{1499}$	$\Phi_{1499}\ \Phi_{1}^2$
103665	1500	2253	$\frac{4}{751}$	$\frac{249}{751}$	$\frac{1}{3}$	$\frac{251}{751}$	Φ_{2253}
103666	1500	561	$\frac{1}{187}$	$\frac{62}{187}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{561}^2\ \Phi_{187}^4\ \Phi_{51}^2\ \Phi_{33}^2\ \Phi_{17}^4\ \Phi_{11}^4\ \Phi_{3}^3\ \Phi_{1}^6$
103667	1500	252	$\frac{1}{126}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{252}^8\ \Phi_{126}^4\ \Phi_{84}^8\ \Phi_{63}^4\ \Phi_{42}^8\ \Phi_{36}^8\ \Phi_{28}^8\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^7\ \Phi_{9}^4\ \Phi_{7}^4\ \Phi_{6}^3\ \Phi_{4}^6\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
103668	1500	561	$\frac{2}{187}$	$\frac{37}{187}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{561}^2\ \Phi_{187}^4\ \Phi_{51}^2\ \Phi_{33}^2\ \Phi_{17}^4\ \Phi_{11}^4\ \Phi_{3}^3\ \Phi_{1}^6$
103669	1500	228	$\frac{1}{76}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{228}^7\ \Phi_{114}^7\ \Phi_{76}^6\ \Phi_{57}^7\ \Phi_{38}^6\ \Phi_{19}^6\ \Phi_{12}^7\ \Phi_{6}^3\ \Phi_{4}^6\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
103670	1500	231	$\frac{2}{77}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}^5\ \Phi_{77}^{10}\ \Phi_{33}^4\ \Phi_{21}^5\ \Phi_{11}^8\ \Phi_{7}^{10}\ \Phi_{3}^5\ \Phi_{1}^{10}$
103671	1500	408	$\frac{1}{34}$	$\frac{11}{136}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{408}^3\ \Phi_{204}^3\ \Phi_{136}^6\ \Phi_{102}^2\ \Phi_{68}^6\ \Phi_{51}^2\ \Phi_{34}^4\ \Phi_{24}^3\ \Phi_{17}^4\ \Phi_{12}^3\ \Phi_{8}^6\ \Phi_{6}^2\ \Phi_{4}^6\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
103672	1500	837	$\frac{1}{31}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{837}^2\ \Phi_{279}^2\ \Phi_{93}$
103673	1500	561	$\frac{7}{187}$	$\frac{12}{187}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{561}^2\ \Phi_{187}^4\ \Phi_{51}^2\ \Phi_{33}^2\ \Phi_{17}^4\ \Phi_{11}^4\ \Phi_{3}^3\ \Phi_{1}^6$
103674	1500	624	$\frac{1}{26}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^4\ \Phi_{156}^2\ \Phi_{104}^4\ \Phi_{78}\ \Phi_{52}^4\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_{12}\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
103675	1500	1173	$\frac{16}{391}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1173}\ \Phi_{391}^2\ \Phi_{69}\ \Phi_{23}^2\ \Phi_{3}\ \Phi_{1}^2$
103676	1500	132	$\frac{1}{22}$	$\frac{7}{132}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{132}^{12}\ \Phi_{66}^{11}\ \Phi_{44}^{12}\ \Phi_{33}^{11}\ \Phi_{22}^{10}\ \Phi_{12}^{12}\ \Phi_{11}^{10}\ \Phi_{6}^{11}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
103677	1500	2988	$\frac{2}{249}$	$\frac{1}{4}$	$\frac{247}{747}$	$\frac{1}{3}$	$\Phi_{2988}\ \Phi_{1494}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
103678	1500	894	$\frac{2}{149}$	$\frac{1}{6}$	$\frac{49}{149}$	$\frac{1}{3}$	$\Phi_{894}^2\ \Phi_{447}\ \Phi_{298}^2\ \Phi_{149}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
103679	1500	1302	$\frac{1}{62}$	$\frac{1}{7}$	$\frac{61}{186}$	$\frac{1}{3}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}^2\ \Phi_{217}^2\ \Phi_{42}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{7}^2$
103680	1500	2253	$\frac{13}{751}$	$\frac{101}{751}$	$\frac{246}{751}$	$\frac{1}{3}$	Φ_{2253}
103681	1500	1221	$\frac{1}{37}$	$\frac{1}{11}$	$\frac{12}{37}$	$\frac{1}{3}$	$\Phi_{1221}^2\ \Phi_{33}^3$
103682	1500	1593	$\frac{2}{59}$	$\frac{2}{27}$	$\frac{19}{59}$	$\frac{1}{3}$	$\Phi_{1593}\ \Phi_{531}\ \Phi_{59}\ \Phi_{27}^2\ \Phi_{9}^2\ \Phi_{1}^2$
103683	1500	2253	$\frac{28}{751}$	$\frac{51}{751}$	$\frac{241}{751}$	$\frac{1}{3}$	Φ_{2253}
103684	1500	2262	$\frac{1}{26}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{2262}\ \Phi_{1131}\ \Phi_{174}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{6}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
103685	1500	1116	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{279}^2\ \Phi_{93}$
103686	1500	2253	$\frac{21}{751}$	$\frac{73}{751}$	$\frac{226}{751}$	$\frac{1}{3}$	Φ_{2253}
103687	1500	357	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{357}^4\ \Phi_{119}^4\ \Phi_{51}^6\ \Phi_{21}^2\ \Phi_{17}^6\ \Phi_{7}^4\ \Phi_{3}^3\ \Phi_{1}^6$
103688	1500	2253	$\frac{11}{751}$	$\frac{148}{751}$	$\frac{201}{751}$	$\frac{1}{3}$	Φ_{2253}
103689	1500	2052	$\frac{1}{76}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{513}\ \Phi_{228}\ \Phi_{114}\ \Phi_{108}\ \Phi_{57}\ \Phi_{54}\ \Phi_{12}\ \Phi_{6}$
103690	1500	996	$\frac{1}{83}$	$\frac{41}{166}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{996}^3\ \Phi_{498}\ \Phi_{249}^2\ \Phi_{12}^4\ \Phi_{6}^2\ \Phi_{3}^2$
103691	1500	996	$\frac{4}{249}$	$\frac{49}{249}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{996}^2\ \Phi_{498}^2\ \Phi_{332}^2\ \Phi_{166}^2\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
103692	1500	204	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^{10}\ \Phi_{102}^4\ \Phi_{68}^{10}\ \Phi_{51}^6\ \Phi_{34}^4\ \Phi_{17}^6\ \Phi_{12}^7\ \Phi_{6}^3\ \Phi_{4}^6\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
103693	1500	2688	$\frac{3}{128}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{21}$
103694	1500	2604	$\frac{1}{31}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2604}\ \Phi_{1302}\ \Phi_{651}\ \Phi_{93}$
103695	1500	996	$\frac{3}{83}$	$\frac{8}{83}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{996}^3\ \Phi_{498}^3\ \Phi_{12}^4\ \Phi_{6}^4$
103696	1500	1716	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1716}^2\ \Phi_{858}\ \Phi_{429}\ \Phi_{132}\ \Phi_{33}$
103697	1500	756	$\frac{1}{21}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{252}^3\ \Phi_{126}^3\ \Phi_{108}^2\ \Phi_{84}\ \Phi_{54}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{18}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
103698	1500	1593	$\frac{3}{59}$	$\frac{2}{27}$	$\frac{14}{59}$	$\frac{1}{3}$	$\Phi_{1593}\ \Phi_{531}\ \Phi_{59}\ \Phi_{27}^2\ \Phi_{9}^2\ \Phi_{1}^2$
103699	1500	2976	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{2976}\ \Phi_{1488}\ \Phi_{93}$
103700	1500	2160	$\frac{1}{16}$	$\frac{2}{27}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{90}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
103701	1500	894	$\frac{4}{149}$	$\frac{1}{6}$	$\frac{29}{149}$	$\frac{1}{3}$	$\Phi_{894}^2\ \Phi_{447}\ \Phi_{298}^2\ \Phi_{149}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
103702	1500	2253	$\frac{21}{751}$	$\frac{121}{751}$	$\frac{146}{751}$	$\frac{1}{3}$	Φ_{2253}
103703	1500	651	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{6}{31}$	$\frac{1}{3}$	$\Phi_{651}^4\ \Phi_{21}^5$
103704	1500	2253	$\frac{26}{751}$	$\frac{101}{751}$	$\frac{145}{751}$	$\frac{1}{3}$	Φ_{2253}
103705	1500	1221	$\frac{2}{37}$	$\frac{1}{11}$	$\frac{7}{37}$	$\frac{1}{3}$	$\Phi_{1221}^2\ \Phi_{33}^3$
103706	1500	2253	$\frac{46}{751}$	$\frac{61}{751}$	$\frac{141}{751}$	$\frac{1}{3}$	Φ_{2253}
103707	1500	1593	$\frac{4}{59}$	$\frac{2}{27}$	$\frac{11}{59}$	$\frac{1}{3}$	$\Phi_{1593}\ \Phi_{531}\ \Phi_{59}\ \Phi_{27}^2\ \Phi_{9}^2\ \Phi_{1}^2$
103708	1500	2352	$\frac{1}{16}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{1}{3}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{168}\ \Phi_{84}\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
103709	1500	2253	$\frac{41}{751}$	$\frac{71}{751}$	$\frac{136}{751}$	$\frac{1}{3}$	Φ_{2253}
103710	1500	2262	$\frac{1}{26}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{2262}\ \Phi_{1131}\ \Phi_{174}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{6}^2$
103711	1500	2253	$\frac{25}{751}$	$\frac{121}{751}$	$\frac{126}{751}$	$\frac{1}{3}$	Φ_{2253}
103712	1500	186	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{186}^8\ \Phi_{93}^9\ \Phi_{62}^8\ \Phi_{31}^8$
103713	1500	894	$\frac{5}{149}$	$\frac{24}{149}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{894}^2\ \Phi_{447}\ \Phi_{298}^2\ \Phi_{149}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
103714	1500	546	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{546}^3\ \Phi_{273}^3\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{42}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{7}^2$
103715	1500	894	$\frac{9}{149}$	$\frac{14}{149}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{894}^2\ \Phi_{447}\ \Phi_{298}^2\ \Phi_{149}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
103716	1500	528	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^4\ \Phi_{132}^3\ \Phi_{88}^4\ \Phi_{66}\ \Phi_{44}^4\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2$
103717	1500	702	$\frac{2}{27}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{702}^3\ \Phi_{351}^2\ \Phi_{234}^3\ \Phi_{117}^2\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
103718	1500	1593	$\frac{2}{27}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{1}{3}$	$\Phi_{1593}\ \Phi_{531}\ \Phi_{59}\ \Phi_{27}^2\ \Phi_{9}^2\ \Phi_{1}^2$
103719	1500	336	$\frac{1}{16}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{336}^7\ \Phi_{168}^7\ \Phi_{84}^5\ \Phi_{48}^8\ \Phi_{42}^5\ \Phi_{24}^8\ \Phi_{21}^6\ \Phi_{12}^6\ \Phi_{6}^6\ \Phi_{3}^6$
103720	1500	2079	$\frac{2}{27}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{77}$
103721	1500	2046	$\frac{1}{62}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{61}{186}$	$\Phi_{2046}\ \Phi_{1023}\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{11}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
103722	1500	1860	$\frac{1}{62}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{61}{186}$	$\Phi_{1860}^2\ \Phi_{930}\ \Phi_{465}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
103723	1500	258	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{29}{129}$	$\frac{14}{43}$	$\Phi_{258}^{7}\,\Phi_{129}^{4}\,\Phi_{86}^{7}\,\Phi_{43}^{6}\,\Phi_{6}^{6}\,\Phi_{3}^{3}\,\Phi_{2}^{6}\,\Phi_{1}^{6}$
103724	1500	703	$\frac{1}{37}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{12}{37}$	$\Phi_{703}^{2}\,\Phi_{37}^{4}\,\Phi_{19}^{3}\,\Phi_{1}^{6}$
103725	1500	1110	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{12}{37}$	$\Phi_{1110}^{2}\,\Phi_{555}^{2}\,\Phi_{370}^{2}\,\Phi_{30}^{3}\,\Phi_{15}^{3}\,\Phi_{10}^{3}$
103726	1500	1499	$\frac{47}{1499}$	$\frac{203}{1499}$	$\frac{324}{1499}$	$\frac{484}{1499}$	$\Phi_{1499}\,\Phi_{1}^{2}$
103727	1500	1806	$\frac{10}{301}$	$\frac{1}{6}$	$\frac{51}{301}$	$\frac{97}{301}$	$\Phi_{1806}\,\Phi_{903}\,\Phi_{602}\,\Phi_{258}\,\Phi_{129}\,\Phi_{86}\,\Phi_{42}\,\Phi_{21}\,\Phi_{14}$
103728	1500	1499	$\frac{50}{1499}$	$\frac{249}{1499}$	$\frac{254}{1499}$	$\frac{483}{1499}$	$\Phi_{1499}\,\Phi_{1}^{2}$
103729	1500	2124	$\frac{2}{59}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{19}{59}$	$\Phi_{2124}\,\Phi_{1062}\,\Phi_{531}\,\Phi_{59}\,\Phi_{36}^{2}\,\Phi_{18}^{2}\,\Phi_{9}^{2}\,\Phi_{1}^{2}$
103730	1500	1652	$\frac{2}{59}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{19}{59}$	$\Phi_{1652}\,\Phi_{826}\,\Phi_{413}\,\Phi_{59}\,\Phi_{28}^{2}\,\Phi_{14}^{2}\,\Phi_{7}^{2}\,\Phi_{1}^{2}$
103731	1500	1888	$\frac{2}{59}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{19}{59}$	$\Phi_{1888}\,\Phi_{944}\,\Phi_{59}\,\Phi_{32}^{2}\,\Phi_{16}^{2}\,\Phi_{1}^{2}$
103732	1500	354	$\frac{2}{59}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{19}{59}$	$\Phi_{354}^{4}\,\Phi_{177}^{4}\,\Phi_{118}^{4}\,\Phi_{59}^{5}\,\Phi_{6}^{8}\,\Phi_{3}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{10}$
103733	1500	1880	$\frac{13}{376}$	$\frac{51}{376}$	$\frac{1}{5}$	$\frac{121}{376}$	$\Phi_{1880}\,\Phi_{940}\,\Phi_{470}\,\Phi_{235}\,\Phi_{40}\,\Phi_{20}\,\Phi_{10}$
103734	1500	920	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{59}{184}$	$\Phi_{920}^{2}\,\Phi_{460}^{2}\,\Phi_{230}^{2}\,\Phi_{115}^{2}\,\Phi_{40}^{3}\,\Phi_{20}^{3}\,\Phi_{10}^{3}\,\Phi_{5}^{2}$
103735	1500	294	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{47}{147}$	$\Phi_{294}^{6}\,\Phi_{147}^{3}\,\Phi_{98}^{6}\,\Phi_{49}^{6}\,\Phi_{42}^{7}\,\Phi_{21}^{4}\,\Phi_{14}^{7}\,\Phi_{7}^{6}\,\Phi_{6}^{6}\,\Phi_{3}^{3}\,\Phi_{2}^{6}\,\Phi_{1}^{6}$
103736	1500	1499	$\frac{62}{1499}$	$\frac{204}{1499}$	$\frac{259}{1499}$	$\frac{479}{1499}$	$\Phi_{1499}\,\Phi_{1}^{2}$
103737	1500	1806	$\frac{13}{301}$	$\frac{41}{301}$	$\frac{1}{6}$	$\frac{96}{301}$	$\Phi_{1806}\,\Phi_{903}\,\Phi_{602}\,\Phi_{258}\,\Phi_{129}\,\Phi_{86}\,\Phi_{42}\,\Phi_{21}\,\Phi_{14}$
103738	1500	2106	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{37}{162}$	$\frac{17}{54}$	$\Phi_{2106}\,\Phi_{1053}\,\Phi_{234}\,\Phi_{117}\,\Phi_{78}\,\Phi_{39}\,\Phi_{26}$
103739	1500	1421	$\frac{2}{29}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{9}{29}$	$\Phi_{1421}\,\Phi_{203}\,\Phi_{49}^{2}\,\Phi_{29}^{2}\,\Phi_{7}^{2}\,\Phi_{1}^{4}$
103740	1500	1914	$\frac{2}{29}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{9}{29}$	$\Phi_{1914}\,\Phi_{957}\,\Phi_{638}\,\Phi_{66}^{2}\,\Phi_{33}^{2}\,\Phi_{22}^{2}$
103741	1500	812	$\frac{2}{29}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{9}{29}$	$\Phi_{812}^{2}\,\Phi_{406}^{2}\,\Phi_{203}\,\Phi_{116}^{2}\,\Phi_{58}^{2}\,\Phi_{29}^{2}\,\Phi_{28}^{4}\,\Phi_{14}^{4}\,\Phi_{7}^{2}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
103742	1500	1499	$\frac{104}{1499}$	$\frac{122}{1499}$	$\frac{279}{1499}$	$\frac{459}{1499}$	$\Phi_{1499}\,\Phi_{1}^{2}$
103743	1500	252	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{252}^{9}\,\Phi_{126}^{9}\,\Phi_{84}\,\Phi_{63}^{9}\,\Phi_{42}\,\Phi_{36}^{6}\,\Phi_{28}\,\Phi_{18}^{6}\,\Phi_{14}\,\Phi_{12}\,\Phi_{9}^{6}\,\Phi_{6}$
103744	1500	2124	$\frac{3}{59}$	$\frac{1}{12}$	$\frac{14}{59}$	$\frac{11}{36}$	$\Phi_{2124}\,\Phi_{1062}\,\Phi_{531}\,\Phi_{59}\,\Phi_{36}^{2}\,\Phi_{18}^{2}\,\Phi_{9}^{2}\,\Phi_{1}^{2}$
103745	1500	720	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{720}^{4}\,\Phi_{360}^{4}\,\Phi_{180}^{3}\,\Phi_{90}^{3}\,\Phi_{80}\,\Phi_{45}^{3}\,\Phi_{40}\,\Phi_{20}\,\Phi_{10}$
103746	1500	2124	$\frac{4}{59}$	$\frac{1}{12}$	$\frac{11}{59}$	$\frac{11}{36}$	$\Phi_{2124}\,\Phi_{1062}\,\Phi_{531}\,\Phi_{59}\,\Phi_{36}^{2}\,\Phi_{18}^{2}\,\Phi_{9}^{2}\,\Phi_{1}^{2}$
103747	1500	468	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{36}$	$\Phi_{468}^{5}\,\Phi_{234}^{5}\,\Phi_{117}^{5}\,\Phi_{78}\,\Phi_{39}\,\Phi_{26}$
103748	1500	2124	$\frac{1}{12}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{11}{36}$	$\Phi_{2124}\,\Phi_{1062}\,\Phi_{531}\,\Phi_{59}\,\Phi_{36}^{2}\,\Phi_{18}^{2}\,\Phi_{9}^{2}\,\Phi_{1}^{2}$
103749	1500	2772	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{11}{36}$	$\Phi_{2772}\,\Phi_{1386}\,\Phi_{693}\,\Phi_{77}$
103750	1500	1661	$\frac{13}{151}$	$\frac{1}{11}$	$\frac{21}{151}$	$\frac{46}{151}$	Φ_{1661}
103751	1500	1499	$\frac{129}{1499}$	$\frac{137}{1499}$	$\frac{209}{1499}$	$\frac{454}{1499}$	$\Phi_{1499}\,\Phi_{1}^{2}$
103752	1500	258	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{1}{6}$	$\frac{13}{43}$	$\Phi_{258}^{7}\,\Phi_{129}^{7}\,\Phi_{86}^{7}\,\Phi_{6}^{6}\,\Phi_{3}^{6}\,\Phi_{2}^{6}$
103753	1500	231	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{8}{33}$	$\frac{2}{7}$	$\Phi_{231}^{6}\,\Phi_{77}^{6}\,\Phi_{33}^{9}\,\Phi_{21}^{6}\,\Phi_{11}^{9}\,\Phi_{7}^{8}\,\Phi_{3}^{9}\,\Phi_{1}^{12}$
103754	1500	910	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{910}^{2}\,\Phi_{455}^{2}\,\Phi_{130}^{3}\,\Phi_{70}^{2}\,\Phi_{65}^{3}\,\Phi_{10}^{3}$
103755	1500	693	$\frac{4}{99}$	$\frac{1}{7}$	$\frac{19}{99}$	$\frac{2}{7}$	$\Phi_{693}^{2}\,\Phi_{231}^{2}\,\Phi_{99}^{3}\,\Phi_{77}^{2}\,\Phi_{63}^{2}\,\Phi_{33}^{3}\,\Phi_{21}^{2}\,\Phi_{11}^{3}\,\Phi_{9}^{3}\,\Phi_{7}^{4}\,\Phi_{3}^{3}\,\Phi_{1}^{6}$
103756	1500	42	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{42}^{43}\,\Phi_{21}^{28}\,\Phi_{14}^{43}\,\Phi_{7}^{30}\,\Phi_{6}^{42}\,\Phi_{3}^{27}\,\Phi_{2}^{42}\,\Phi_{1}^{30}$
103757	1500	189	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{189}^{8}\,\Phi_{63}^{6}\,\Phi_{27}^{12}\,\Phi_{21}^{6}\,\Phi_{9}^{9}\,\Phi_{7}^{8}\,\Phi_{3}^{9}\,\Phi_{1}^{12}$
103758	1500	364	$\frac{1}{13}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{364}^{5}\,\Phi_{182}^{5}\,\Phi_{91}^{3}\,\Phi_{52}^{5}\,\Phi_{26}^{5}\,\Phi_{13}^{2}$
103759	1500	77	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{77}^{18}\,\Phi_{11}^{27}\,\Phi_{7}^{20}\,\Phi_{1}^{30}$
103760	1500	1499	$\frac{43}{1499}$	$\frac{227}{1499}$	$\frac{364}{1499}$	$\frac{424}{1499}$	$\Phi_{1499}\,\Phi_{1}^{2}$
103761	1500	1499	$\frac{54}{1499}$	$\frac{242}{1499}$	$\frac{289}{1499}$	$\frac{419}{1499}$	$\Phi_{1499}\,\Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
103762	1500	1586	$\frac{1}{26}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	$\Phi_{1586}\ \Phi_{793}\ \Phi_{122}$
103763	1500	1596	$\frac{1}{21}$	$\frac{11}{76}$	$\frac{13}{76}$	$\frac{21}{76}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{228}\ \Phi_{133}\ \Phi_{114}\ \Phi_{84}\ \Phi_{57}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
103764	1500	1499	$\frac{109}{1499}$	$\frac{139}{1499}$	$\frac{272}{1499}$	$\frac{409}{1499}$	$\Phi_{1499}\ \Phi_{1}^{2}$
103765	1500	1408	$\frac{3}{128}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{1408}\ \Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{128}^{2}\ \Phi_{88}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
103766	1500	341	$\frac{1}{31}$	$\frac{2}{11}$	$\frac{6}{31}$	$\frac{3}{11}$	$\Phi_{341}^{4}\ \Phi_{31}^{8}\ \Phi_{11}^{5}\ \Phi_{1}^{10}$
103767	1500	858	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{858}^{2}\ \Phi_{429}^{2}\ \Phi_{286}\ \Phi_{143}\ \Phi_{78}^{4}\ \Phi_{66}\ \Phi_{39}^{4}\ \Phi_{33}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{11}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
103768	1500	1661	$\frac{11}{151}$	$\frac{1}{11}$	$\frac{28}{151}$	$\frac{41}{151}$	Φ_{1661}
103769	1500	1499	$\frac{64}{1499}$	$\frac{219}{1499}$	$\frac{287}{1499}$	$\frac{404}{1499}$	$\Phi_{1499}\ \Phi_{1}^{2}$
103770	1500	1806	$\frac{11}{301}$	$\frac{1}{6}$	$\frac{58}{301}$	$\frac{81}{301}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{602}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
103771	1500	1499	$\frac{49}{1499}$	$\frac{274}{1499}$	$\frac{290}{1499}$	$\frac{403}{1499}$	$\Phi_{1499}\ \Phi_{1}^{2}$
103772	1500	1880	$\frac{11}{376}$	$\frac{73}{376}$	$\frac{1}{5}$	$\frac{101}{376}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{470}\ \Phi_{235}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
103773	1500	1499	$\frac{44}{1499}$	$\frac{291}{1499}$	$\frac{302}{1499}$	$\frac{399}{1499}$	$\Phi_{1499}\ \Phi_{1}^{2}$
103774	1500	1586	$\frac{1}{26}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{1586}\ \Phi_{793}\ \Phi_{122}$
103775	1500	2184	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{13}{56}$	$\frac{43}{168}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}\ \Phi_{91}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
103776	1500	1499	$\frac{51}{1499}$	$\frac{224}{1499}$	$\frac{362}{1499}$	$\frac{379}{1499}$	$\Phi_{1499}\ \Phi_{1}^{2}$
103777	1500	1806	$\frac{9}{301}$	$\frac{1}{6}$	$\frac{73}{301}$	$\frac{76}{301}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{602}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
103778	1500	640	$\frac{3}{128}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{80}^{3}\ \Phi_{40}^{3}\ \Phi_{20}\ \Phi_{10}$
103779	1500	84	$\frac{1}{21}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{84}^{19}\ \Phi_{42}^{19}\ \Phi_{28}^{16}\ \Phi_{21}^{18}\ \Phi_{14}^{16}\ \Phi_{12}^{19}\ \Phi_{7}^{15}\ \Phi_{6}^{19}\ \Phi_{4}^{18}\ \Phi_{3}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
103780	1500	2480	$\frac{3}{124}$	$\frac{1}{5}$	$\frac{121}{496}$	$\frac{1}{4}$	$\Phi_{2480}\ \Phi_{1240}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
103781	1500	132	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{8}{33}$	$\frac{1}{4}$	$\Phi_{132}^{15}\ \Phi_{66}^{6}\ \Phi_{44}^{15}\ \Phi_{33}^{9}\ \Phi_{22}^{6}\ \Phi_{12}^{17}\ \Phi_{11}^{9}\ \Phi_{6}^{7}\ \Phi_{4}^{16}\ \Phi_{3}^{10}\ \Phi_{2}^{6}\ \Phi_{1}^{10}$
103782	1500	2004	$\frac{17}{501}$	$\frac{76}{501}$	$\frac{121}{501}$	$\frac{1}{4}$	$\Phi_{2004}\ \Phi_{1002}\ \Phi_{668}\ \Phi_{334}\ \Phi_{12}\ \Phi_{6}$
103783	1500	1652	$\frac{3}{59}$	$\frac{3}{28}$	$\frac{14}{59}$	$\frac{1}{4}$	$\Phi_{1652}\ \Phi_{826}\ \Phi_{413}\ \Phi_{59}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
103784	1500	672	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}^{3}\ \Phi_{112}^{3}\ \Phi_{96}^{3}\ \Phi_{84}\ \Phi_{48}^{3}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
103785	1500	988	$\frac{1}{26}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{988}^{2}\ \Phi_{494}\ \Phi_{247}\ \Phi_{76}\ \Phi_{52}^{4}\ \Phi_{26}^{2}\ \Phi_{19}\ \Phi_{13}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
103786	1500	2004	$\frac{16}{501}$	$\frac{97}{501}$	$\frac{101}{501}$	$\frac{1}{4}$	$\Phi_{2004}\ \Phi_{1002}\ \Phi_{668}\ \Phi_{334}\ \Phi_{12}\ \Phi_{6}$
103787	1500	620	$\frac{1}{31}$	$\frac{6}{31}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{620}^{4}\ \Phi_{310}^{4}\ \Phi_{20}^{5}\ \Phi_{10}^{5}$
103788	1500	780	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{780}^{4}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}^{2}\ \Phi_{130}\ \Phi_{65}\ \Phi_{60}^{2}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
103789	1500	560	$\frac{1}{16}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{140}^{3}\ \Phi_{80}\ \Phi_{70}^{3}\ \Phi_{40}\ \Phi_{35}^{3}\ \Phi_{20}\ \Phi_{10}$
103790	1500	396	$\frac{4}{99}$	$\frac{1}{6}$	$\frac{19}{99}$	$\frac{1}{4}$	$\Phi_{396}^{5}\ \Phi_{198}^{2}\ \Phi_{132}^{5}\ \Phi_{99}^{3}\ \Phi_{66}^{2}\ \Phi_{44}^{5}\ \Phi_{36}^{5}\ \Phi_{33}^{3}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{7}\ \Phi_{11}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
103791	1500	668	$\frac{7}{167}$	$\frac{27}{167}$	$\frac{32}{167}$	$\frac{1}{4}$	$\Phi_{668}^{3}\ \Phi_{334}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
103792	1500	1652	$\frac{4}{59}$	$\frac{3}{28}$	$\frac{11}{59}$	$\frac{1}{4}$	$\Phi_{1652}\ \Phi_{826}\ \Phi_{413}\ \Phi_{59}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
103793	1500	2156	$\frac{4}{49}$	$\frac{1}{11}$	$\frac{9}{49}$	$\frac{1}{4}$	$\Phi_{2156}\ \Phi_{1078}\ \Phi_{308}\ \Phi_{154}\ \Phi_{44}^{2}\ \Phi_{22}^{2}$
103794	1500	2004	$\frac{41}{501}$	$\frac{46}{501}$	$\frac{91}{501}$	$\frac{1}{4}$	$\Phi_{2004}\ \Phi_{1002}\ \Phi_{668}\ \Phi_{334}\ \Phi_{12}\ \Phi_{6}$
103795	1500	84	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{84}^{25}\ \Phi_{42}^{13}\ \Phi_{28}^{25}\ \Phi_{21}^{12}\ \Phi_{14}^{13}\ \Phi_{12}^{17}\ \Phi_{7}^{12}\ \Phi_{6}^{9}\ \Phi_{4}^{16}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
103796	1500	108	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{108}^{20}\ \Phi_{54}^{8}\ \Phi_{36}^{15}\ \Phi_{27}^{12}\ \Phi_{18}^{6}\ \Phi_{12}^{17}\ \Phi_{9}^{9}\ \Phi_{6}^{7}\ \Phi_{4}^{16}\ \Phi_{3}^{10}\ \Phi_{2}^{6}\ \Phi_{1}^{10}$
103797	1500	1092	$\frac{1}{13}$	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1092}^{2}\ \Phi_{546}^{2}\ \Phi_{364}\ \Phi_{273}^{2}\ \Phi_{182}\ \Phi_{91}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
103798	1500	132	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{132}^{18}\ \Phi_{66}^{9}\ \Phi_{44}^{9}\ \Phi_{33}^{9}\ \Phi_{12}^{20}\ \Phi_{11}^{9}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{1}^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
103799	1500	1652	$\frac{5}{59}$	$\frac{3}{28}$	$\frac{9}{59}$	$\frac{1}{4}$	$\Phi_{1652}\ \Phi_{826}\ \Phi_{413}\ \Phi_{59}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
103800	1500	308	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{308}^5\ \Phi_{154}^5\ \Phi_{77}^6\ \Phi_{44}^6\ \Phi_{22}^6\ \Phi_{11}^6$
103801	1500	1888	$\frac{3}{59}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{14}{59}$	$\Phi_{1888}\ \Phi_{944}\ \Phi_{59}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_1^2$
103802	1500	354	$\frac{3}{59}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{14}{59}$	$\Phi_{354}^4\ \Phi_{177}^4\ \Phi_{118}^4\ \Phi_{59}^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
103803	1500	1499	$\frac{83}{1499}$	$\frac{229}{1499}$	$\frac{254}{1499}$	$\frac{354}{1499}$	$\Phi_{1499}\ \Phi_1^2$
103804	1500	1806	$\frac{17}{301}$	$\frac{46}{301}$	$\frac{1}{6}$	$\frac{71}{301}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{602}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
103805	1500	294	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{23}{98}$	$\Phi_{294}^6\ \Phi_{147}^6\ \Phi_{98}^2\ \Phi_{49}^4\ \Phi_{42}^7\ \Phi_{21}^7\ \Phi_{14}^3\ \Phi_7^4\ \Phi_6^6\ \Phi_3^6\ \Phi_2^2\ \Phi_1^4$
103806	1500	258	$\frac{3}{43}$	$\frac{11}{86}$	$\frac{1}{6}$	$\frac{10}{43}$	$\Phi_{258}^7\ \Phi_{129}^7\ \Phi_{86}^3\ \Phi_{43}^4\ \Phi_6^6\ \Phi_3^6\ \Phi_2^2\ \Phi_1^4$
103807	1500	160	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{160}^{15}\ \Phi_{80}^8\ \Phi_{40}^9\ \Phi_{20}^9\ \Phi_{10}^9\ \Phi_5^8$
103808	1500	1888	$\frac{4}{59}$	$\frac{1}{8}$	$\frac{11}{59}$	$\frac{7}{32}$	$\Phi_{1888}\ \Phi_{944}\ \Phi_{59}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_1^2$
103809	1500	1248	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{32}$	$\Phi_{1248}^2\ \Phi_{624}^2\ \Phi_{416}\ \Phi_{208}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
103810	1500	1888	$\frac{5}{59}$	$\frac{1}{8}$	$\frac{9}{59}$	$\frac{7}{32}$	$\Phi_{1888}\ \Phi_{944}\ \Phi_{59}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_1^2$
103811	1500	2464	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{32}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{77}$
103812	1500	703	$\frac{2}{37}$	$\frac{3}{19}$	$\frac{7}{37}$	$\frac{4}{19}$	$\Phi_{703}^2\ \Phi_{37}^4\ \Phi_{19}^3\ \Phi_1^6$
103813	1500	912	$\frac{1}{16}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}\ \Phi_{228}^2\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{19}\ \Phi_{16}^2\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
103814	1500	1499	$\frac{79}{1499}$	$\frac{243}{1499}$	$\frac{284}{1499}$	$\frac{314}{1499}$	$\Phi_{1499}\ \Phi_1^2$
103815	1500	1872	$\frac{1}{13}$	$\frac{19}{144}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
103816	1500	1616	$\frac{1}{16}$	$\frac{16}{101}$	$\frac{17}{101}$	$\frac{21}{101}$	$\Phi_{1616}\ \Phi_{808}\ \Phi_{404}\ \Phi_{202}$
103817	1500	1499	$\frac{84}{1499}$	$\frac{239}{1499}$	$\frac{283}{1499}$	$\frac{304}{1499}$	$\Phi_{1499}\ \Phi_1^2$
103818	1500	1806	$\frac{16}{301}$	$\frac{1}{6}$	$\frac{57}{301}$	$\frac{61}{301}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{602}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
103819	1500	470	$\frac{2}{47}$	$\frac{9}{47}$	$\frac{1}{5}$	$\frac{19}{94}$	$\Phi_{470}^5\ \Phi_{235}^3\ \Phi_{10}^5\ \Phi_5^2$
103820	1500	1110	$\frac{2}{37}$	$\frac{1}{6}$	$\frac{7}{37}$	$\frac{1}{5}$	$\Phi_{1110}^2\ \Phi_{555}^2\ \Phi_{370}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^3$
103821	1500	1880	$\frac{21}{376}$	$\frac{61}{376}$	$\frac{71}{376}$	$\frac{1}{5}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{470}\ \Phi_{235}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
103822	1500	240	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{80}^9\ \Phi_{60}^8\ \Phi_{40}^9\ \Phi_{30}^4\ \Phi_{20}^9\ \Phi_{15}^4\ \Phi_{10}^5\ \Phi_5^4$
103823	1500	354	$\frac{4}{59}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{11}{59}$	$\Phi_{354}^4\ \Phi_{177}^4\ \Phi_{118}^4\ \Phi_{59}^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
103824	1500	1499	$\frac{104}{1499}$	$\frac{244}{1499}$	$\frac{251}{1499}$	$\frac{279}{1499}$	$\Phi_{1499}\ \Phi_1^2$
103825	1500	258	$\frac{3}{43}$	$\frac{7}{43}$	$\frac{1}{6}$	$\frac{8}{43}$	$\Phi_{258}^7\ \Phi_{129}^7\ \Phi_{86}^7\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6$
103826	1500	1421	$\frac{4}{49}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{9}{49}$	$\Phi_{1421}\ \Phi_{203}\ \Phi_{49}^2\ \Phi_{29}^2\ \Phi_7^2\ \Phi_1^4$
103827	1500	294	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{9}{49}$	$\Phi_{294}^6\ \Phi_{147}^6\ \Phi_{98}^6\ \Phi_{42}^7\ \Phi_{21}^7\ \Phi_{14}^7\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6$
103828	1500	1499	$\frac{124}{1499}$	$\frac{204}{1499}$	$\frac{259}{1499}$	$\frac{275}{1499}$	$\Phi_{1499}\ \Phi_1^2$
103829	1500	1757	$\frac{21}{251}$	$\frac{1}{7}$	$\frac{41}{251}$	$\frac{46}{251}$	Φ_{1757}
103830	1500	1499	$\frac{129}{1499}$	$\frac{209}{1499}$	$\frac{245}{1499}$	$\frac{274}{1499}$	$\Phi_{1499}\ \Phi_1^2$
103831	1500	1806	$\frac{26}{301}$	$\frac{41}{301}$	$\frac{1}{6}$	$\frac{55}{301}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{602}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
103832	1500	1914	$\frac{1}{11}$	$\frac{4}{29}$	$\frac{1}{6}$	$\frac{5}{29}$	$\Phi_{1914}\ \Phi_{957}\ \Phi_{638}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2$
103833	1500	812	$\frac{3}{28}$	$\frac{4}{29}$	$\frac{1}{7}$	$\frac{5}{29}$	$\Phi_{812}^2\ \Phi_{406}^2\ \Phi_{203}\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_7^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
103834	1500	1661	$\frac{1}{11}$	$\frac{21}{151}$	$\frac{25}{151}$	$\frac{26}{151}$	Φ_{1661}
103835	1500	1499	$\frac{125}{1499}$	$\frac{229}{1499}$	$\frac{249}{1499}$	$\frac{254}{1499}$	$\Phi_{1499}\ \Phi_1^2$
103836	1500	1806	$\frac{25}{301}$	$\frac{46}{301}$	$\frac{1}{6}$	$\frac{51}{301}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{602}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
103837	1500	78	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{78}^{21}\ \Phi_{39}^{21}\ \Phi_{26}^{21}\ \Phi_{13}^{20}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
103838	1500	354	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{354}^4\ \Phi_{177}^4\ \Phi_{118}^4\ \Phi_{59}^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
103839	1500	462	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{77}^5$
103840	1500	84	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{84}^{24}\ \Phi_{42}^{19}\ \Phi_{28}^{12}\ \Phi_{21}^{19}\ \Phi_{14}^7\ \Phi_{12}^{24}\ \Phi_7^{12}\ \Phi_6^{18}\ \Phi_4^{12}\ \Phi_3^{18}\ \Phi_2^6\ \Phi_1^{12}$
103841	1500	2058	$\frac{6}{49}$	$\frac{43}{343}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{2058}\ \Phi_{1029}\ \Phi_{686}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
103842	1501	2400	$\frac{1}{300}$	$\frac{301}{1200}$	$\frac{899}{2400}$	$\frac{299}{600}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{600}\ \Phi_{480}\ \Phi_{200}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
103843	1501	2992	$\frac{5}{1496}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1491}{2992}$	$\Phi_{2992}\ \Phi_{272}\ \Phi_{176}\ \Phi_{16}\ \Phi_8\ \Phi_1$
103844	1501	2004	$\frac{2}{501}$	$\frac{503}{2004}$	$\frac{1}{3}$	$\frac{499}{1002}$	$\Phi_{2004}\ \Phi_{668}\ \Phi_{501}\ \Phi_{167}\ \Phi_{12}\ \Phi_4\ \Phi_1$
103845	1501	2988	$\frac{7}{1494}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1487}{2988}$	$\Phi_{2988}\ \Phi_{996}\ \Phi_{332}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
103846	1501	2976	$\frac{13}{1488}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1475}{2976}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
103847	1501	2976	$\frac{13}{1488}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1475}{2976}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{96}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
103848	1501	2800	$\frac{1}{100}$	$\frac{101}{1400}$	$\frac{1299}{2800}$	$\frac{99}{200}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{200}\ \Phi_{112}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_8\ \Phi_1$
103849	1501	468	$\frac{1}{78}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{77}{156}$	$\Phi_{234}^6\ \Phi_{156}\ \Phi_{117}^6\ \Phi_{78}^6\ \Phi_{52}\ \Phi_{39}^6\ \Phi_{36}\ \Phi_{26}^6\ \Phi_{18}^6\ \Phi_{13}^6\ \Phi_{12}^2\ \Phi_9^6\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
103850	1501	1092	$\frac{1}{78}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{77}{156}$	$\Phi_{1092}^3\ \Phi_{364}^3\ \Phi_{156}\ \Phi_{84}^3\ \Phi_{52}\ \Phi_{28}^3\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
103851	1501	1404	$\frac{1}{78}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{77}{156}$	$\Phi_{1404}^3\ \Phi_{156}\ \Phi_{108}^3\ \Phi_{52}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
103852	1501	312	$\frac{1}{78}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{77}{156}$	$\Phi_{312}^6\ \Phi_{156}\ \Phi_{104}^6\ \Phi_{78}^6\ \Phi_{52}\ \Phi_{39}^6\ \Phi_{26}^6\ \Phi_{24}^7\ \Phi_{13}^6\ \Phi_{12}^2\ \Phi_8^7\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
103853	1501	2960	$\frac{21}{1480}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{1459}{2960}$	$\Phi_{2960}\ \Phi_{592}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_8\ \Phi_1$
103854	1501	2880	$\frac{1}{60}$	$\frac{61}{1440}$	$\frac{1379}{2880}$	$\frac{59}{120}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{120}\ \Phi_{64}\ \Phi_{40}\ \Phi_{24}\ \Phi_8\ \Phi_1$
103855	1501	2160	$\frac{1}{60}$	$\frac{61}{720}$	$\frac{659}{2160}$	$\frac{59}{120}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
103856	1501	1680	$\frac{1}{60}$	$\frac{179}{1680}$	$\frac{61}{240}$	$\frac{59}{120}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
103857	1501	1920	$\frac{1}{60}$	$\frac{61}{480}$	$\frac{419}{1920}$	$\frac{59}{120}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{64}\ \Phi_{40}\ \Phi_{24}\ \Phi_8\ \Phi_1$
103858	1501	1800	$\frac{1}{60}$	$\frac{299}{1800}$	$\frac{61}{360}$	$\frac{59}{120}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_8\ \Phi_1$
103859	1501	2952	$\frac{25}{1476}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1451}{2952}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{328}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
103860	1501	1720	$\frac{4}{215}$	$\frac{219}{1720}$	$\frac{1}{5}$	$\frac{211}{430}$	$\Phi_{1720}\ \Phi_{860}\ \Phi_{344}\ \Phi_{215}\ \Phi_{172}\ \Phi_{43}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
103861	1501	2944	$\frac{29}{1472}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1443}{2944}$	$\Phi_{2944}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
103862	1501	2940	$\frac{31}{1470}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1439}{2940}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{196}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
103863	1501	2016	$\frac{11}{504}$	$\frac{1}{12}$	$\frac{515}{2016}$	$\frac{493}{1008}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
103864	1501	760	$\frac{3}{76}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{760}^4\ \Phi_{152}^3\ \Phi_{40}^4\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
103865	1501	2880	$\frac{1}{30}$	$\frac{61}{1440}$	$\frac{29}{90}$	$\frac{1379}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{90}\ \Phi_{64}\ \Phi_{45}\ \Phi_{18}\ \Phi_9\ \Phi_1$
103866	1501	2880	$\frac{61}{1440}$	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{1379}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{16}\ \Phi_8\ \Phi_1$
103867	1501	2880	$\frac{61}{1440}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1379}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
103868	1501	1728	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{227}{1728}$	$\frac{205}{432}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
103869	1501	2856	$\frac{73}{1428}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1355}{2856}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{168}\ \Phi_{136}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
103870	1501	300	$\frac{1}{20}$	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{300}^5\ \Phi_{150}^4\ \Phi_{100}^5\ \Phi_{75}^5\ \Phi_{60}^5\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^5\ \Phi_{20}^9\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^8\ \Phi_6^4\ \Phi_5^8\ \Phi_4^9\ \Phi_3^5\ \Phi_2^8\ \Phi_1^9$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
103871	1501	324	$\frac{2}{81}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{324}^{9}\ \Phi_{108}^{9}\ \Phi_{81}\ \Phi_{36}^{7}\ \Phi_{27}\ \Phi_{12}^{7}\ \Phi_{9}\ \Phi_{4}^{7}\ \Phi_{1}$
103872	1501	468	$\frac{1}{39}$	$\frac{1}{18}$	$\frac{38}{117}$	$\frac{17}{36}$	$\Phi_{468}^{6}\ \Phi_{156}^{6}\ \Phi_{117}\ \Phi_{52}^{6}\ \Phi_{36}^{7}\ \Phi_{12}^{7}\ \Phi_{9}\ \Phi_{4}^{7}\ \Phi_{1}$
103873	1501	936	$\frac{1}{26}$	$\frac{1}{18}$	$\frac{25}{104}$	$\frac{17}{36}$	$\Phi_{936}^{2}\ \Phi_{312}^{2}\ \Phi_{234}^{2}\ \Phi_{117}^{2}\ \Phi_{104}^{3}\ \Phi_{78}^{2}\ \Phi_{72}^{2}\ \Phi_{52}\ \Phi_{39}^{2}\ \Phi_{36}\ \Phi_{26}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{13}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
103874	1501	252	$\frac{1}{18}$	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{84}^{7}\ \Phi_{63}^{6}\ \Phi_{42}^{7}\ \Phi_{36}\ \Phi_{28}^{7}\ \Phi_{21}^{7}\ \Phi_{18}^{6}\ \Phi_{14}^{7}\ \Phi_{12}^{2}\ \Phi_{9}^{6}\ \Phi_{7}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
103875	1501	3276	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{17}{36}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{364}\ \Phi_{252}\ \Phi_{91}\ \Phi_{84}\ \Phi_{36}\ \Phi_{28}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
103876	1501	2040	$\frac{1}{30}$	$\frac{29}{510}$	$\frac{539}{2040}$	$\frac{481}{1020}$	$\Phi_{2040}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{170}\ \Phi_{136}\ \Phi_{120}\ \Phi_{102}\ \Phi_{85}\ \Phi_{51}\ \Phi_{40}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
103877	1501	480	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{120}^{4}\ \Phi_{96}^{3}\ \Phi_{80}^{4}\ \Phi_{60}^{4}\ \Phi_{48}^{3}\ \Phi_{40}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
103878	1501	1680	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{179}{1680}$	$\frac{157}{336}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
103879	1501	2808	$\frac{97}{1404}$	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1307}{2808}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{312}\ \Phi_{216}\ \Phi_{108}\ \Phi_{104}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
103880	1501	2232	$\frac{13}{744}$	$\frac{1}{12}$	$\frac{731}{2232}$	$\frac{11}{24}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{558}\ \Phi_{279}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
103881	1501	1536	$\frac{35}{1536}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
103882	1501	1536	$\frac{35}{1536}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
103883	1501	720	$\frac{1}{20}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{144}$	$\Phi_{720}^{4}\ \Phi_{240}^{4}\ \Phi_{144}^{3}\ \Phi_{80}^{4}\ \Phi_{48}^{3}\ \Phi_{40}^{4}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
103884	1501	2700	$\frac{1}{75}$	$\frac{151}{1350}$	$\frac{74}{225}$	$\frac{1199}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{108}\ \Phi_{100}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
103885	1501	1540	$\frac{39}{1540}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{140}\ \Phi_{110}\ \Phi_{77}\ \Phi_{55}\ \Phi_{44}\ \Phi_{35}\ \Phi_{28}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
103886	1501	2688	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{157}{1344}$	$\frac{1187}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{168}\ \Phi_{128}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
103887	1501	140	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{140}$	$\Phi_{140}^{9}\ \Phi_{70}^{10}\ \Phi_{35}^{10}\ \Phi_{28}^{9}\ \Phi_{20}^{18}\ \Phi_{14}^{10}\ \Phi_{10}^{18}\ \Phi_{7}^{10}\ \Phi_{5}^{18}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
103888	1501	2632	$\frac{3}{188}$	$\frac{185}{1316}$	$\frac{1}{4}$	$\frac{1131}{2632}$	$\Phi_{2632}\ \Phi_{376}\ \Phi_{188}\ \Phi_{94}\ \Phi_{56}\ \Phi_{47}\ \Phi_{8}\ \Phi_{1}$
103889	1501	2100	$\frac{1}{75}$	$\frac{74}{525}$	$\frac{599}{2100}$	$\frac{451}{1050}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{175}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
103890	1501	1584	$\frac{83}{1584}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{144}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
103891	1501	2592	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{205}{1296}$	$\frac{1091}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
103892	1501	2580	$\frac{4}{215}$	$\frac{211}{1290}$	$\frac{1}{5}$	$\frac{1079}{2580}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{516}\ \Phi_{215}\ \Phi_{172}\ \Phi_{60}\ \Phi_{43}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
103893	1501	160	$\frac{1}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{160}^{16}\ \Phi_{80}^{3}\ \Phi_{40}^{3}\ \Phi_{32}^{15}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
103894	1501	2520	$\frac{11}{252}$	$\frac{1}{12}$	$\frac{241}{1260}$	$\frac{1019}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
103895	1501	1512	$\frac{11}{1512}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
103896	1501	640	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{640}^{4}\ \Phi_{128}^{3}\ \Phi_{80}^{4}\ \Phi_{40}^{4}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
103897	1501	1600	$\frac{1}{20}$	$\frac{99}{1600}$	$\frac{19}{80}$	$\frac{61}{160}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{64}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
103898	1501	240	$\frac{1}{80}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}^{3}\ \Phi_{60}^{8}\ \Phi_{48}^{8}\ \Phi_{40}^{3}\ \Phi_{30}^{8}\ \Phi_{24}^{7}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{15}^{8}\ \Phi_{12}^{7}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{7}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
103899	1501	1632	$\frac{5}{136}$	$\frac{131}{1632}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{102}\ \Phi_{96}\ \Phi_{51}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
103900	1501	1584	$\frac{83}{1584}$	$\frac{5}{88}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{72}\ \Phi_{66}\ \Phi_{48}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
103901	1501	2400	$\frac{1}{100}$	$\frac{99}{400}$	$\frac{301}{1200}$	$\frac{899}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
103902	1501	240	$\frac{1}{80}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{240}^{5}\ \Phi_{120}^{5}\ \Phi_{80}^{9}\ \Phi_{60}^{5}\ \Phi_{48}^{5}\ \Phi_{40}^{9}\ \Phi_{30}^{4}\ \Phi_{24}^{5}\ \Phi_{20}^{9}\ \Phi_{16}^{9}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{8}\ \Phi_{8}^{9}\ \Phi_{6}^{4}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
103903	1501	120	$\frac{1}{20}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{120}^{19}\ \Phi_{40}^{19}\ \Phi_{24}^{19}\ \Phi_{20}^{18}\ \Phi_{10}^{18}\ \Phi_{8}^{19}\ \Phi_{5}^{18}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
103904	1501	1620	$\frac{1}{30}$	$\frac{119}{1620}$	$\frac{29}{90}$	$\frac{61}{180}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{81}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
103905	1501	1800	$\frac{1}{75}$	$\frac{299}{1800}$	$\frac{74}{225}$	$\frac{151}{450}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
103906	1501	2256	$\frac{3}{376}$	$\frac{1}{4}$	$\frac{373}{1128}$	$\frac{755}{2256}$	$\Phi_{2256}\ \Phi_{752}\ \Phi_{376}\ \Phi_{188}\ \Phi_{94}\ \Phi_{48}\ \Phi_{47}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
103907	1501	567	$\frac{2}{81}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{567}^{3}\ \Phi_{189}^{3}\ \Phi_{81}\ \Phi_{63}^{3}\ \Phi_{27}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
103908	1501	2241	$\frac{7}{747}$	$\frac{2}{9}$	$\frac{740}{2241}$	$\frac{1}{3}$	$\Phi_{2241}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
103909	1501	819	$\frac{1}{39}$	$\frac{2}{21}$	$\frac{38}{117}$	$\frac{1}{3}$	$\Phi_{819}^{3}\ \Phi_{117}\ \Phi_{63}^{3}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
103910	1501	81	$\frac{2}{81}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{81}^{19}\ \Phi_{27}^{17}\ \Phi_{9}^{19}\ \Phi_{3}^{18}\ \Phi_{1}^{19}$
103911	1501	2184	$\frac{1}{26}$	$\frac{2}{21}$	$\frac{25}{104}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{364}\ \Phi_{168}\ \Phi_{104}\ \Phi_{84}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{21}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
103912	1501	648	$\frac{2}{81}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{648}^{3}\ \Phi_{324}^{3}\ \Phi_{216}^{3}\ \Phi_{108}^{3}\ \Phi_{81}\ \Phi_{72}^{3}\ \Phi_{36}^{3}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
103913	1501	84	$\frac{5}{84}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{84}^{19}\ \Phi_{42}^{16}\ \Phi_{28}^{19}\ \Phi_{21}^{17}\ \Phi_{14}^{16}\ \Phi_{12}^{19}\ \Phi_{7}^{17}\ \Phi_{6}^{18}\ \Phi_{4}^{19}\ \Phi_{3}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
103914	1501	273	$\frac{1}{13}$	$\frac{2}{21}$	$\frac{12}{91}$	$\frac{1}{3}$	$\Phi_{273}^{5}\ \Phi_{91}^{6}\ \Phi_{39}^{6}\ \Phi_{21}^{6}\ \Phi_{13}^{6}\ \Phi_{7}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
103915	1501	2025	$\frac{1}{75}$	$\frac{151}{675}$	$\frac{524}{2025}$	$\frac{74}{225}$	$\Phi_{2025}\ \Phi_{405}\ \Phi_{225}\ \Phi_{81}\ \Phi_{45}\ \Phi_{9}\ \Phi_{1}$
103916	1501	1935	$\frac{4}{215}$	$\frac{1}{5}$	$\frac{434}{1935}$	$\frac{211}{645}$	$\Phi_{1935}\ \Phi_{387}\ \Phi_{215}\ \Phi_{45}\ \Phi_{43}\ \Phi_{9}\ \Phi_{1}$
103917	1501	351	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{38}{117}$	$\Phi_{351}^{6}\ \Phi_{117}\ \Phi_{27}^{7}\ \Phi_{9}\ \Phi_{1}$
103918	1501	936	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{38}{117}$	$\Phi_{936}^{3}\ \Phi_{468}^{3}\ \Phi_{117}\ \Phi_{72}^{3}\ \Phi_{36}^{3}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
103919	1501	2160	$\frac{1}{30}$	$\frac{61}{720}$	$\frac{659}{2160}$	$\frac{29}{90}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
103920	1501	1800	$\frac{1}{30}$	$\frac{299}{1800}$	$\frac{61}{360}$	$\frac{29}{90}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
103921	1501	2208	$\frac{29}{736}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{707}{2208}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}\ \Phi_{69}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
103922	1501	2205	$\frac{31}{735}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{704}{2205}$	$\Phi_{2205}\ \Phi_{441}\ \Phi_{315}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
103923	1501	1944	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{443}{1944}$	$\frac{205}{648}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
103924	1501	2160	$\frac{1}{20}$	$\frac{61}{720}$	$\frac{19}{80}$	$\frac{659}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
103925	1501	2160	$\frac{1}{12}$	$\frac{61}{720}$	$\frac{11}{72}$	$\frac{659}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
103926	1501	2808	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{25}{104}$	$\frac{8}{27}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{216}\ \Phi_{108}\ \Phi_{104}\ \Phi_{52}\ \Phi_{27}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
103927	1501	756	$\frac{5}{84}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{756}^{3}\ \Phi_{378}^{3}\ \Phi_{189}^{3}\ \Phi_{108}^{3}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
103928	1501	2457	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{12}{91}$	$\frac{8}{27}$	$\Phi_{2457}\ \Phi_{189}\ \Phi_{91}\ \Phi_{27}\ \Phi_{7}\ \Phi_{1}$
103929	1501	1575	$\frac{74}{1575}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{75}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{25}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
103930	1501	480	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{4}\ \Phi_{96}^{3}\ \Phi_{80}^{4}\ \Phi_{48}^{3}\ \Phi_{40}^{4}\ \Phi_{32}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
103931	1501	1536	$\frac{35}{1536}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
103932	1501	180	$\frac{1}{20}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{180}^{10}\ \Phi_{90}^{9}\ \Phi_{60}^{5}\ \Phi_{45}^{9}\ \Phi_{36}^{10}\ \Phi_{30}^{4}\ \Phi_{20}^{9}\ \Phi_{18}^{9}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{8}\ \Phi_{9}^{9}\ \Phi_{6}^{4}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
103933	1501	2016	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{157}{672}$	$\frac{515}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
103934	1501	1680	$\frac{1}{20}$	$\frac{179}{1680}$	$\frac{19}{80}$	$\frac{61}{240}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
103935	1501	1984	$\frac{13}{496}$	$\frac{3}{16}$	$\frac{483}{1984}$	$\frac{1}{4}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
103936	1501	312	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{25}{104}$	$\Phi_{312}^{4}\ \Phi_{156}^{4}\ \Phi_{104}^{5}\ \Phi_{78}^{6}\ \Phi_{52}^{5}\ \Phi_{39}^{6}\ \Phi_{26}^{6}\ \Phi_{24}^{5}\ \Phi_{13}^{6}\ \Phi_{12}^{5}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
103937	1501	1920	$\frac{1}{20}$	$\frac{61}{480}$	$\frac{419}{1920}$	$\frac{19}{80}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
103938	1501	1960	$\frac{31}{490}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{459}{1960}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{392}\ \Phi_{280}\ \Phi_{196}\ \Phi_{140}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
103939	1501	1728	$\frac{1}{12}$	$\frac{227}{1728}$	$\frac{11}{72}$	$\frac{61}{288}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
103940	1501	100	$\frac{1}{20}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{100}^{14}\ \Phi_{50}^{14}\ \Phi_{25}^{15}\ \Phi_{20}^{18}\ \Phi_{10}^{18}\ \Phi_{5}^{18}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
103941	1501	168	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{168}^{12}\ \Phi_{84}^{7}\ \Phi_{56}^{12}\ \Phi_{42}^{7}\ \Phi_{28}^{7}\ \Phi_{24}^{7}\ \Phi_{21}^{7}\ \Phi_{14}^{7}\ \Phi_{12}^{2}\ \Phi_{8}^{7}\ \Phi_{7}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
103942	1501	2184	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{364}\ \Phi_{168}\ \Phi_{91}\ \Phi_{84}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
103943	1501	1680	$\frac{179}{1680}$	$\frac{4}{35}$	$\frac{31}{210}$	$\frac{1}{5}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{84}\ \Phi_{80}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
103944	1501	1715	$\frac{4}{35}$	$\frac{214}{1715}$	$\frac{31}{245}$	$\frac{1}{5}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{35}\ \Phi_{7}\ \Phi_{1}$
103945	1501	1800	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{299}{1800}$	$\frac{61}{360}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
103946	1502	4488	$\frac{3}{748}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{745}{1496}$	$\Phi_{4488}\ \Phi_{408}\ \Phi_{264}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
103947	1502	1488	$\frac{7}{744}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{737}{1488}$	$\Phi_{1488}^{2}\ \Phi_{496}^{2}\ \Phi_{48}^{2}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{12}\ \Phi_{6}$
103948	1502	1422	$\frac{1}{79}$	$\frac{40}{711}$	$\frac{671}{1422}$	$\frac{39}{79}$	$\Phi_{1422}^{2}\ \Phi_{474}^{2}\ \Phi_{158}^{2}\ \Phi_{79}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
103949	1502	948	$\frac{1}{79}$	$\frac{40}{237}$	$\frac{197}{948}$	$\frac{39}{79}$	$\Phi_{948}^{2}\ \Phi_{474}^{2}\ \Phi_{316}^{2}\ \Phi_{158}^{2}\ \Phi_{79}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
103950	1502	1482	$\frac{10}{741}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{731}{1482}$	$\Phi_{1482}^{2}\ \Phi_{494}^{2}\ \Phi_{114}^{2}\ \Phi_{78}^{2}\ \Phi_{38}^{2}\ \Phi_{26}^{2}\ \Phi_{19}\ \Phi_{6}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
103951	1502	4416	$\frac{15}{736}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{721}{1472}$	$\Phi_{4416}\ \Phi_{192}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
103952	1502	1444	$\frac{29}{722}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{693}{1444}$	$\Phi_{1444}^{2}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{19}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
103953	1502	988	$\frac{10}{247}$	$\frac{1}{19}$	$\frac{237}{988}$	$\frac{9}{19}$	$\Phi_{988}^{2}\ \Phi_{494}^{2}\ \Phi_{76}^{2}\ \Phi_{52}^{2}\ \Phi_{38}^{2}\ \Phi_{26}^{2}\ \Phi_{19}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
103954	1502	798	$\frac{1}{19}$	$\frac{47}{798}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{798}^{2}\ \Phi_{399}^{2}\ \Phi_{266}^{2}\ \Phi_{133}^{2}\ \Phi_{114}^{2}\ \Phi_{42}^{2}\ \Phi_{38}^{2}\ \Phi_{21}^{2}\ \Phi_{19}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
103955	1502	1425	$\frac{1}{19}$	$\frac{77}{1425}$	$\frac{18}{95}$	$\frac{674}{1425}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{285}\ \Phi_{95}^{2}\ \Phi_{75}\ \Phi_{57}\ \Phi_{25}\ \Phi_{19}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
103956	1502	912	$\frac{1}{19}$	$\frac{9}{152}$	$\frac{161}{912}$	$\frac{143}{304}$	$\Phi_{912}^{2}\ \Phi_{456}^{2}\ \Phi_{228}^{2}\ \Phi_{152}^{2}\ \Phi_{114}^{2}\ \Phi_{76}^{2}\ \Phi_{57}^{2}\ \Phi_{48}^{2}\ \Phi_{38}^{2}\ \Phi_{24}^{2}\ \Phi_{19}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
103957	1502	768	$\frac{17}{768}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{768}^{2}\ \Phi_{384}^{2}\ \Phi_{256}^{2}\ \Phi_{192}^{2}\ \Phi_{128}^{2}\ \Phi_{96}\ \Phi_{64}^{2}\ \Phi_{48}^{2}\ \Phi_{32}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
103958	1502	1410	$\frac{1}{47}$	$\frac{46}{705}$	$\frac{1}{3}$	$\frac{659}{1410}$	$\Phi_{1410}^{2}\ \Phi_{470}^{2}\ \Phi_{282}^{2}\ \Phi_{141}\ \Phi_{94}^{2}\ \Phi_{30}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
103959	1502	1368	$\frac{1}{19}$	$\frac{67}{684}$	$\frac{9}{76}$	$\frac{617}{1368}$	$\Phi_{1368}^{2}\ \Phi_{456}^{2}\ \Phi_{152}^{2}\ \Phi_{76}^{2}\ \Phi_{72}^{2}\ \Phi_{38}^{2}\ \Phi_{24}^{2}\ \Phi_{19}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
103960	1502	1330	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{86}{665}$	$\frac{579}{1330}$	$\Phi_{1330}^{2}\ \Phi_{266}^{2}\ \Phi_{190}^{2}\ \Phi_{95}^{2}\ \Phi_{70}^{2}\ \Phi_{38}^{2}\ \Phi_{19}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
103961	1502	3948	$\frac{1}{94}$	$\frac{93}{658}$	$\frac{1}{3}$	$\frac{565}{1316}$	$\Phi_{3948}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{84}\ \Phi_{12}\ \Phi_{6}$
103962	1502	1264	$\frac{1}{79}$	$\frac{119}{632}$	$\frac{39}{158}$	$\frac{513}{1264}$	$\Phi_{1264}^{2}\ \Phi_{158}^{2}\ \Phi_{79}\ \Phi_{16}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
103963	1502	1216	$\frac{1}{19}$	$\frac{9}{152}$	$\frac{143}{608}$	$\frac{465}{1216}$	$\Phi_{1216}^{2}\ \Phi_{152}^{2}\ \Phi_{76}^{2}\ \Phi_{64}^{2}\ \Phi_{38}^{2}\ \Phi_{19}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
103964	1502	948	$\frac{1}{79}$	$\frac{197}{948}$	$\frac{39}{158}$	$\frac{119}{316}$	$\Phi_{948}^2\ \Phi_{474}^2\ \Phi_{237}^2\ \Phi_{158}^2\ \Phi_{79}\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^2$
103965	1502	1185	$\frac{1}{79}$	$\frac{78}{395}$	$\frac{317}{1185}$	$\frac{434}{1185}$	$\Phi_{1185}\ \Phi_{395}^2\ \Phi_{237}\ \Phi_{79}\ \Phi_{15}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
103966	1502	1140	$\frac{9}{190}$	$\frac{1}{19}$	$\frac{181}{570}$	$\frac{389}{1140}$	$\Phi_{1140}^2\ \Phi_{380}^2\ \Phi_{228}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{60}^2\ \Phi_{38}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
103967	1502	1128	$\frac{1}{188}$	$\frac{187}{564}$	$\frac{1}{3}$	$\frac{377}{1128}$	$\Phi_{1128}^2\ \Phi_{564}\ \Phi_{376}^2\ \Phi_{282}\ \Phi_{141}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_{8}^2\ \Phi_{6}$
103968	1502	846	$\frac{1}{47}$	$\frac{95}{846}$	$\frac{46}{141}$	$\frac{1}{3}$	$\Phi_{846}^2\ \Phi_{423}^2\ \Phi_{282}^2\ \Phi_{141}\ \Phi_{94}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{2}^2$
103969	1502	1104	$\frac{15}{368}$	$\frac{1}{16}$	$\frac{353}{1104}$	$\frac{1}{3}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}^2\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{48}^2\ \Phi_{46}^2\ \Phi_{24}^2\ \Phi_{23}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
103970	1502	768	$\frac{17}{768}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_{6}$
103971	1502	816	$\frac{3}{68}$	$\frac{65}{816}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^2\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{48}^2\ \Phi_{34}^2\ \Phi_{24}^2\ \Phi_{17}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
103972	1502	792	$\frac{41}{792}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
103973	1502	2976	$\frac{7}{248}$	$\frac{1}{8}$	$\frac{241}{992}$	$\frac{1}{3}$	$\Phi_{2976}\ \Phi_{1488}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
103974	1502	2820	$\frac{1}{47}$	$\frac{46}{235}$	$\frac{189}{940}$	$\frac{1}{3}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}\ \Phi_{6}$
103975	1502	912	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{161}{912}$	$\frac{67}{228}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{48}^2\ \Phi_{38}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
103976	1502	855	$\frac{1}{19}$	$\frac{104}{855}$	$\frac{18}{95}$	$\frac{77}{285}$	$\Phi_{855}^2\ \Phi_{285}\ \Phi_{171}^2\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{45}^2\ \Phi_{19}\ \Phi_{15}\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
103977	1502	950	$\frac{1}{19}$	$\frac{77}{475}$	$\frac{18}{95}$	$\frac{199}{950}$	$\Phi_{950}^2\ \Phi_{475}\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{50}^2\ \Phi_{38}^2\ \Phi_{25}\ \Phi_{19}\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{2}^2\ \Phi_{1}^2$
103978	1503	1328	$\frac{1}{166}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{165}{332}$	$\Phi_{1328}^2\ \Phi_{332}\ \Phi_{16}^3\ \Phi_{4}\ \Phi_{1}$
103979	1503	332	$\frac{1}{166}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{165}{332}$	$\Phi_{332}^5\ \Phi_{166}^4\ \Phi_{83}^4\ \Phi_{4}^7\ \Phi_{2}^6\ \Phi_{1}^7$
103980	1503	330	$\frac{2}{165}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{163}{330}$	$\Phi_{330}^4\ \Phi_{165}^5\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{55}^5\ \Phi_{33}^5\ \Phi_{30}^5\ \Phi_{22}^4\ \Phi_{15}^6\ \Phi_{11}^5\ \Phi_{10}^4\ \Phi_{6}^5\ \Phi_{5}^5\ \Phi_{3}^5\ \Phi_{2}^4\ \Phi_{1}^5$
103981	1503	1120	$\frac{1}{56}$	$\frac{1}{10}$	$\frac{57}{224}$	$\frac{55}{112}$	$\Phi_{1120}^2\ \Phi_{280}^2\ \Phi_{224}\ \Phi_{160}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
103982	1503	1640	$\frac{3}{164}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{161}{328}$	$\Phi_{1640}^2\ \Phi_{328}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
103983	1503	1620	$\frac{5}{162}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{157}{324}$	$\Phi_{1620}^2\ \Phi_{540}^2\ \Phi_{324}\ \Phi_{180}^2\ \Phi_{108}\ \Phi_{60}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
103984	1503	1610	$\frac{6}{161}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{155}{322}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{230}\ \Phi_{161}\ \Phi_{115}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{23}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
103985	1503	960	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{25}{192}$	$\frac{23}{48}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{192}\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
103986	1503	320	$\frac{7}{160}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{153}{320}$	$\Phi_{320}^9\ \Phi_{64}^9\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
103987	1503	1560	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{145}{312}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}\ \Phi_{120}^2\ \Phi_{104}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
103988	1503	1540	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{10}$	$\frac{141}{308}$	$\Phi_{1540}^2\ \Phi_{308}\ \Phi_{220}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{44}\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
103989	1503	3984	$\frac{1}{83}$	$\frac{1}{8}$	$\frac{82}{249}$	$\frac{7}{16}$	$\Phi_{3984}\ \Phi_{249}\ \Phi_{48}\ \Phi_{16}\ \Phi_{3}\ \Phi_{1}$
103990	1503	880	$\frac{9}{176}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{176}\ \Phi_{110}^2\ \Phi_{88}\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{40}^2\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
103991	1503	1470	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{20}{147}$	$\frac{127}{294}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{245}\ \Phi_{210}^2\ \Phi_{147}\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{49}\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
103992	1503	1440	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{23}{144}$	$\frac{121}{288}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
103993	1503	280	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{27}{140}$	$\frac{113}{280}$	$\Phi_{280}^9\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^9\ \Phi_{40}^9\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}^9\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
103994	1503	1260	$\frac{1}{42}$	$\frac{1}{10}$	$\frac{41}{126}$	$\frac{85}{252}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
103995	1503	751	$\frac{4}{751}$	$\frac{249}{751}$	$\frac{250}{751}$	$\frac{251}{751}$	$\Phi_{751}^{2}\ \Phi_{1}^{3}$
103996	1503	990	$\frac{2}{33}$	$\frac{1}{10}$	$\frac{31}{198}$	$\frac{1}{3}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}^{2}\ \Phi_{55}\ \Phi_{45}^{2}\ \Phi_{33}\ \Phi_{30}^{2}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
103997	1503	180	$\frac{13}{180}$	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{180}^{9}\ \Phi_{90}^{9}\ \Phi_{60}^{9}\ \Phi_{45}^{9}\ \Phi_{36}^{9}\ \Phi_{30}^{5}\ \Phi_{20}^{9}\ \Phi_{18}^{9}\ \Phi_{15}^{6}\ \Phi_{12}^{9}\ \Phi_{10}^{4}\ \Phi_{9}^{9}\ \Phi_{6}^{5}\ \Phi_{5}^{5}\ \Phi_{4}^{9}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
103998	1503	996	$\frac{1}{83}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{82}{249}$	$\Phi_{996}^{2}\ \Phi_{498}^{2}\ \Phi_{249}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
103999	1503	1080	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{49}{216}$	$\frac{23}{72}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{216}\ \Phi_{135}^{2}\ \Phi_{120}^{2}\ \Phi_{108}\ \Phi_{60}^{2}\ \Phi_{54}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
104000	1503	240	$\frac{7}{80}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{73}{240}$	$\Phi_{240}^{9}\ \Phi_{120}^{9}\ \Phi_{60}^{9}\ \Phi_{48}^{9}\ \Phi_{40}^{2}\ \Phi_{30}^{9}\ \Phi_{24}^{9}\ \Phi_{20}^{2}\ \Phi_{15}^{9}\ \Phi_{12}^{9}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}^{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^{9}\ \Phi_{1}$
104001	1503	180	$\frac{13}{180}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{180}^{9}\ \Phi_{90}^{7}\ \Phi_{60}^{9}\ \Phi_{45}^{7}\ \Phi_{36}^{9}\ \Phi_{30}^{9}\ \Phi_{20}^{9}\ \Phi_{18}^{8}\ \Phi_{15}^{9}\ \Phi_{12}^{9}\ \Phi_{10}^{8}\ \Phi_{9}^{8}\ \Phi_{6}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
104002	1503	1080	$\frac{5}{54}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{49}{216}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{216}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}^{2}\ \Phi_{40}^{2}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
104003	1503	960	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{25}{192}$	$\frac{7}{32}$	$\Phi_{960}^{2}\ \Phi_{480}^{2}\ \Phi_{320}^{2}\ \Phi_{240}^{2}\ \Phi_{192}\ \Phi_{120}^{2}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}^{2}\ \Phi_{48}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
104004	1503	200	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{33}{200}$	$\frac{7}{40}$	$\Phi_{200}^{9}\ \Phi_{100}^{9}\ \Phi_{50}^{9}\ \Phi_{40}^{2}\ \Phi_{25}^{9}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
104005	1504	375	$\frac{1}{375}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{187}{375}$	$\Phi_{375}^{4}\ \Phi_{125}^{4}\ \Phi_{75}^{4}\ \Phi_{25}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
104006	1504	1503	$\frac{5}{1503}$	$\frac{377}{1503}$	$\frac{563}{1503}$	$\frac{749}{1503}$	$\Phi_{1503}\ \Phi_{501}\ \Phi_{167}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
104007	1504	753	$\frac{1}{251}$	$\frac{63}{251}$	$\frac{1}{3}$	$\frac{125}{251}$	$\Phi_{753}^{3}\ \Phi_{3}^{2}$
104008	1504	1309	$\frac{1}{187}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{93}{187}$	$\Phi_{1309}\ \Phi_{187}^{2}\ \Phi_{119}\ \Phi_{77}\ \Phi_{17}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
104009	1504	2805	$\frac{1}{187}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{93}{187}$	$\Phi_{2805}\ \Phi_{255}\ \Phi_{165}\ \Phi_{15}^{2}$
104010	1504	167	$\frac{1}{167}$	$\frac{21}{167}$	$\frac{73}{167}$	$\frac{83}{167}$	$\Phi_{167}^{9}\ \Phi_{1}^{10}$
104011	1504	501	$\frac{1}{167}$	$\frac{125}{501}$	$\frac{42}{167}$	$\frac{83}{167}$	$\Phi_{501}^{4}\ \Phi_{167}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
104012	1504	747	$\frac{5}{747}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{371}{747}$	$\Phi_{747}^{2}\ \Phi_{249}^{2}\ \Phi_{83}^{2}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
104013	1504	1885	$\frac{3}{377}$	$\frac{1}{5}$	$\frac{95}{377}$	$\frac{187}{377}$	$\Phi_{1885}\ \Phi_{145}\ \Phi_{65}$
104014	1504	1503	$\frac{13}{1503}$	$\frac{281}{1503}$	$\frac{379}{1503}$	$\frac{745}{1503}$	$\Phi_{1503}\ \Phi_{501}\ \Phi_{167}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
104015	1504	753	$\frac{7}{753}$	$\frac{95}{753}$	$\frac{1}{3}$	$\frac{373}{753}$	$\Phi_{753}^{2}\ \Phi_{251}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
104016	1504	465	$\frac{1}{93}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{46}{93}$	$\Phi_{465}^{3}\ \Phi_{155}^{3}\ \Phi_{93}^{4}\ \Phi_{31}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
104017	1504	279	$\frac{1}{93}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{46}{93}$	$\Phi_{279}^{6}\ \Phi_{93}^{4}\ \Phi_{31}^{4}\ \Phi_{9}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
104018	1504	465	$\frac{1}{93}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{46}{93}$	$\Phi_{465}^{3}\ \Phi_{155}^{3}\ \Phi_{93}^{4}\ \Phi_{31}^{4}\ \Phi_{15}^{3}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
104019	1504	1503	$\frac{17}{1503}$	$\frac{95}{1503}$	$\frac{704}{1503}$	$\frac{743}{1503}$	$\Phi_{1503}\ \Phi_{501}\ \Phi_{167}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
104020	1504	1485	$\frac{19}{1485}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{733}{1485}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{27}^{2}\ \Phi_{15}\ \Phi_{11}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
104021	1504	63	$\frac{1}{63}$	$\frac{1}{9}$	$\frac{16}{63}$	$\frac{31}{63}$	$\Phi_{63}^{24}\ \Phi_{21}^{24}\ \Phi_{9}^{23}\ \Phi_{7}^{24}\ \Phi_{3}^{23}\ \Phi_{1}^{24}$
104022	1504	1503	$\frac{25}{1503}$	$\frac{191}{1503}$	$\frac{328}{1503}$	$\frac{739}{1503}$	$\Phi_{1503}\ \Phi_{501}\ \Phi_{167}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
104023	1504	1885	$\frac{7}{377}$	$\frac{48}{377}$	$\frac{1}{5}$	$\frac{185}{377}$	$\Phi_{1885}\ \Phi_{145}\ \Phi_{65}$
104024	1504	369	$\frac{7}{369}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{181}{369}$	$\Phi_{369}^{4}\ \Phi_{123}^{4}\ \Phi_{41}^{4}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
104025	1504	1503	$\frac{29}{1503}$	$\frac{140}{1503}$	$\frac{383}{1503}$	$\frac{737}{1503}$	$\Phi_{1503}\ \Phi_{501}\ \Phi_{167}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
104026	1504	753	$\frac{5}{251}$	$\frac{16}{251}$	$\frac{1}{3}$	$\frac{123}{251}$	$\Phi_{753}^{3}\ \Phi_{3}^{2}$
104027	1504	2852	$\frac{1}{46}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{45}{92}$	$\Phi_{2852}\ \Phi_{124}\ \Phi_{92}^{2}\ \Phi_{31}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
104028	1504	4692	$\frac{1}{46}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{4692}\ \Phi_{204}\ \Phi_{51}$
104029	1504	2852	$\frac{1}{46}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{45}{92}$	$\Phi_{2852}\ \Phi_{124}\ \Phi_{92}^{2}\ \Phi_{31}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
104030	1504	4140	$\frac{1}{46}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{45}{92}$	$\Phi_{4140}\ \Phi_{1380}\ \Phi_{180}\ \Phi_{60}\ \Phi_{45}\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
104031	1504	729	$\frac{23}{729}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{353}{729}$	$\Phi_{729}^{2}\ \Phi_{243}^{2}\ \Phi_{81}^{2}\ \Phi_{27}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
104032	1504	2139	$\frac{1}{31}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{15}{31}$	$\Phi_{2139}\ \Phi_{93}\ \Phi_{69}^{2}\ \Phi_{31}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
104033	1504	455	$\frac{3}{91}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{44}{91}$	$\Phi_{455}^{4}\ \Phi_{65}^{5}\ \Phi_{35}^{4}\ \Phi_{5}^{4}$
104034	1504	819	$\frac{3}{91}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{44}{91}$	$\Phi_{819}^{2}\ \Phi_{273}^{2}\ \Phi_{117}^{2}\ \Phi_{63}^{3}\ \Phi_{39}^{2}\ \Phi_{21}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{2}$
104035	1504	1015	$\frac{1}{29}$	$\frac{15}{203}$	$\frac{1}{5}$	$\frac{14}{29}$	$\Phi_{1015}^{2}\ \Phi_{145}\ \Phi_{35}^{2}$
104036	1504	54	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{7}{54}$	$\frac{13}{27}$	$\Phi_{54}^{32}\ \Phi_{27}^{24}\ \Phi_{18}^{32}\ \Phi_{9}^{23}\ \Phi_{6}^{32}\ \Phi_{3}^{23}\ \Phi_{2}^{32}\ \Phi_{1}^{24}$
104037	1504	1449	$\frac{55}{1449}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{697}{1449}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{161}\ \Phi_{69}\ \Phi_{63}^{2}\ \Phi_{23}\ \Phi_{21}^{2}\ \Phi_{9}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
104038	1504	990	$\frac{1}{33}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{990}^{3}\ \Phi_{330}^{3}\ \Phi_{198}^{3}\ \Phi_{110}^{3}\ \Phi_{90}^{2}\ \Phi_{66}^{3}\ \Phi_{33}^{2}\ \Phi_{30}^{2}\ \Phi_{22}^{3}\ \Phi_{18}^{2}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104039	1504	1530	$\frac{2}{45}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{43}{90}$	$\Phi_{1530}^{2}\ \Phi_{510}^{2}\ \Phi_{306}^{2}\ \Phi_{170}^{2}\ \Phi_{102}^{2}\ \Phi_{85}\ \Phi_{34}^{2}$
104040	1504	90	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{43}{90}$	$\Phi_{90}^{32}\ \Phi_{30}^{32}\ \Phi_{18}^{32}\ \Phi_{10}^{32}\ \Phi_{9}^{7}\ \Phi_{6}^{32}\ \Phi_{3}^{7}\ \Phi_{2}^{32}\ \Phi_{1}^{8}$
104041	1504	315	$\frac{1}{21}$	$\frac{11}{105}$	$\frac{1}{9}$	$\frac{10}{21}$	$\Phi_{315}^{6}\ \Phi_{105}^{4}\ \Phi_{63}^{3}\ \Phi_{45}^{6}\ \Phi_{35}^{4}\ \Phi_{21}^{2}\ \Phi_{15}^{4}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
104042	1504	969	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{969}^{2}\ \Phi_{323}\ \Phi_{51}^{2}$
104043	1504	2112	$\frac{1}{33}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{6}$
104044	1504	240	$\frac{1}{48}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{240}^{6}\ \Phi_{120}^{6}\ \Phi_{80}^{6}\ \Phi_{60}^{6}\ \Phi_{48}^{8}\ \Phi_{40}^{6}\ \Phi_{30}^{6}\ \Phi_{24}^{8}\ \Phi_{20}^{6}\ \Phi_{16}^{8}\ \Phi_{15}^{4}\ \Phi_{12}^{8}\ \Phi_{10}^{6}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{4}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
104045	1504	930	$\frac{1}{31}$	$\frac{1}{15}$	$\frac{15}{62}$	$\frac{7}{15}$	$\Phi_{930}^{2}\ \Phi_{465}\ \Phi_{310}^{2}\ \Phi_{186}^{2}\ \Phi_{155}\ \Phi_{93}\ \Phi_{62}^{4}\ \Phi_{31}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
104046	1504	264	$\frac{1}{33}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{264}^{11}\ \Phi_{132}\ \Phi_{88}^{10}\ \Phi_{66}\ \Phi_{44}\ \Phi_{24}^{11}\ \Phi_{22}\ \Phi_{12}\ \Phi_{8}^{10}\ \Phi_{6}$
104047	1504	351	$\frac{25}{351}$	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{163}{351}$	$\Phi_{351}^{4}\ \Phi_{117}^{4}\ \Phi_{39}^{4}\ \Phi_{27}^{8}\ \Phi_{13}^{4}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
104048	1504	195	$\frac{7}{195}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{195}^{8}\ \Phi_{65}^{7}\ \Phi_{39}^{8}\ \Phi_{15}^{8}\ \Phi_{13}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
104049	1504	435	$\frac{1}{29}$	$\frac{7}{87}$	$\frac{1}{5}$	$\frac{40}{87}$	$\Phi_{435}^{4}\ \Phi_{145}^{5}\ \Phi_{15}^{4}\ \Phi_{5}^{4}$
104050	1504	693	$\frac{4}{63}$	$\frac{59}{693}$	$\frac{1}{9}$	$\frac{317}{693}$	$\Phi_{693}^{2}\ \Phi_{231}^{2}\ \Phi_{99}^{2}\ \Phi_{77}^{2}\ \Phi_{63}^{4}\ \Phi_{33}^{2}\ \Phi_{21}^{4}\ \Phi_{11}^{2}\ \Phi_{9}^{3}\ \Phi_{7}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
104051	1504	528	$\frac{1}{48}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{176}^{3}\ \Phi_{132}^{3}\ \Phi_{88}^{3}\ \Phi_{66}^{3}\ \Phi_{48}^{2}\ \Phi_{44}^{3}\ \Phi_{33}^{2}\ \Phi_{24}^{3}\ \Phi_{22}^{3}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
104052	1504	99	$\frac{5}{99}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{99}^{16}\ \Phi_{33}^{16}\ \Phi_{11}^{16}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
104053	1504	924	$\frac{1}{33}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{924}^{3}\ \Phi_{308}^{3}\ \Phi_{132}^{3}\ \Phi_{84}^{2}\ \Phi_{66}^{3}\ \Phi_{44}^{3}\ \Phi_{33}^{2}\ \Phi_{28}^{2}\ \Phi_{22}^{3}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104054	1504	252	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{5}{42}$	$\frac{37}{84}$	$\Phi_{252}^{12}\ \Phi_{84}^{8}\ \Phi_{63}^{3}\ \Phi_{36}^{12}\ \Phi_{28}^{8}\ \Phi_{21}^{2}\ \Phi_{12}^{8}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{8}\ \Phi_{3}\ \Phi_{1}^{2}$
104055	1504	1503	$\frac{23}{1503}$	$\frac{185}{1503}$	$\frac{422}{1503}$	$\frac{659}{1503}$	$\Phi_{1503}\ \Phi_{501}\ \Phi_{167}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
104056	1504	753	$\frac{3}{251}$	$\frac{31}{251}$	$\frac{1}{3}$	$\frac{110}{251}$	$\Phi_{753}^{3}\ \Phi_{3}^{2}$
104057	1504	1323	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{181}{1323}$	$\frac{571}{1323}$	$\Phi_{1323}\ \Phi_{441}\ \Phi_{189}^{2}\ \Phi_{147}\ \Phi_{63}^{2}\ \Phi_{49}\ \Phi_{27}^{2}\ \Phi_{21}^{2}\ \Phi_{9}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
104058	1504	1995	$\frac{1}{95}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1995}\ \Phi_{399}\ \Phi_{285}^{2}\ \Phi_{105}\ \Phi_{57}^{2}\ \Phi_{15}^{2}$
104059	1504	1309	$\frac{3}{187}$	$\frac{1}{7}$	$\frac{46}{187}$	$\frac{3}{7}$	$\Phi_{1309}\ \Phi_{187}^{2}\ \Phi_{119}\ \Phi_{77}\ \Phi_{17}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
104060	1504	1680	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}^{2}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}^{2}\ \Phi_{105}\ \Phi_{80}^{2}\ \Phi_{70}\ \Phi_{60}^{2}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
104061	1504	441	$\frac{2}{49}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{441}^{4}\ \Phi_{147}^{4}\ \Phi_{63}^{3}\ \Phi_{21}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{2}$
104062	1504	693	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{693}^{2}\ \Phi_{231}^{2}\ \Phi_{99}^{4}\ \Phi_{77}\ \Phi_{63}^{2}\ \Phi_{33}^{4}\ \Phi_{21}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{4}\ \Phi_{7}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
104063	1504	357	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{357}^{4}\ \Phi_{119}^{3}\ \Phi_{51}^{8}\ \Phi_{21}^{4}\ \Phi_{17}^{6}\ \Phi_{7}^{4}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
104064	1504	81	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{13}{81}$	$\frac{34}{81}$	$\Phi_{81}^{16}\ \Phi_{27}^{24}\ \Phi_{9}^{23}\ \Phi_{3}^{23}\ \Phi_{1}^{24}$
104065	1504	2640	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{264}\ \Phi_{240}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{6}$
104066	1504	1615	$\frac{1}{95}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1615}\ \Phi_{323}\ \Phi_{85}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
104067	1504	1503	$\frac{19}{1503}$	$\frac{283}{1503}$	$\frac{371}{1503}$	$\frac{610}{1503}$	$\Phi_{1503}\ \Phi_{501}\ \Phi_{167}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
104068	1504	315	$\frac{2}{63}$	$\frac{1}{9}$	$\frac{61}{315}$	$\frac{127}{315}$	$\Phi_{315}^{4}\ \Phi_{105}^{4}\ \Phi_{63}^{8}\ \Phi_{45}^{4}\ \Phi_{35}^{4}\ \Phi_{21}^{8}\ \Phi_{15}^{4}\ \Phi_{9}^{7}\ \Phi_{7}^{8}\ \Phi_{5}^{4}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
104069	1504	850	$\frac{1}{17}$	$\frac{3}{50}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{850}^{2}\ \Phi_{425}^{2}\ \Phi_{170}^{2}\ \Phi_{85}\ \Phi_{34}^{2}$
104070	1504	528	$\frac{1}{48}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{176}^{3}\ \Phi_{132}^{3}\ \Phi_{88}^{3}\ \Phi_{66}^{3}\ \Phi_{48}^{2}\ \Phi_{44}^{3}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{3}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104071	1504	1292	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{9}{38}$	$\frac{29}{76}$	$\Phi_{1292}^{2}\ \Phi_{323}\ \Phi_{68}^{2}$
104072	1504	167	$\frac{3}{167}$	$\frac{26}{167}$	$\frac{41}{167}$	$\frac{63}{167}$	$\Phi_{167}^{9}\ \Phi_{1}^{10}$
104073	1504	1885	$\frac{5}{377}$	$\frac{1}{5}$	$\frac{93}{377}$	$\frac{142}{377}$	$\Phi_{1885}\ \Phi_{145}\ \Phi_{65}$
104074	1504	1503	$\frac{11}{1503}$	$\frac{373}{1503}$	$\frac{469}{1503}$	$\frac{565}{1503}$	$\Phi_{1503}\ \Phi_{501}\ \Phi_{167}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
104075	1504	753	$\frac{5}{753}$	$\frac{187}{753}$	$\frac{1}{3}$	$\frac{283}{753}$	$\Phi_{753}^{2}\ \Phi_{251}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
104076	1504	792	$\frac{1}{33}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{792}^{3}\ \Phi_{264}^{3}\ \Phi_{132}^{3}\ \Phi_{88}^{3}\ \Phi_{72}^{2}\ \Phi_{66}^{3}\ \Phi_{44}^{3}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{3}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104077	1504	567	$\frac{4}{189}$	$\frac{1}{9}$	$\frac{185}{567}$	$\frac{191}{567}$	$\Phi_{567}^{2}\ \Phi_{189}^{4}\ \Phi_{81}^{2}\ \Phi_{63}^{4}\ \Phi_{27}^{4}\ \Phi_{21}^{4}\ \Phi_{9}^{3}\ \Phi_{7}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
104078	1504	189	$\frac{1}{189}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{189}^{8}\ \Phi_{63}^{8}\ \Phi_{27}^{8}\ \Phi_{21}^{8}\ \Phi_{9}^{8}\ \Phi_{7}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
104079	1504	1125	$\frac{2}{375}$	$\frac{373}{1125}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1125}^{2}\ \Phi_{225}^{2}\ \Phi_{45}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
104080	1504	375	$\frac{1}{125}$	$\frac{31}{125}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{375}^{3}\ \Phi_{125}^{6}\ \Phi_{75}^{3}\ \Phi_{25}^{6}\ \Phi_{15}^{3}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
104081	1504	285	$\frac{1}{95}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{285}^{4}\ \Phi_{95}^{8}\ \Phi_{57}^{4}\ \Phi_{19}^{8}\ \Phi_{15}^{3}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
104082	1504	225	$\frac{1}{75}$	$\frac{37}{225}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{225}^{8}\ \Phi_{75}^{4}\ \Phi_{45}^{8}\ \Phi_{25}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{8}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
104083	1504	765	$\frac{13}{765}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{765}^{2}\ \Phi_{255}^{2}\ \Phi_{153}^{2}\ \Phi_{85}^{2}\ \Phi_{51}^{2}\ \Phi_{45}^{2}\ \Phi_{17}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
104084	1504	375	$\frac{7}{375}$	$\frac{46}{375}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{375}^{4}\ \Phi_{125}^{4}\ \Phi_{75}^{4}\ \Phi_{25}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
104085	1504	144	$\frac{1}{48}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{144}^{12}\ \Phi_{72}^{12}\ \Phi_{48}^{8}\ \Phi_{36}^{12}\ \Phi_{24}^{8}\ \Phi_{18}^{12}\ \Phi_{16}^{8}\ \Phi_{12}^{8}\ \Phi_{9}^{8}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
104086	1504	825	$\frac{2}{75}$	$\frac{73}{825}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{825}^{2}\ \Phi_{275}^{2}\ \Phi_{165}^{2}\ \Phi_{55}^{2}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
104087	1504	195	$\frac{7}{195}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^{8}\ \Phi_{65}^{8}\ \Phi_{39}^{8}\ \Phi_{15}^{4}\ \Phi_{13}^{8}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
104088	1504	150	$\frac{1}{25}$	$\frac{3}{50}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{150}^{8}\ \Phi_{75}^{7}\ \Phi_{50}^{16}\ \Phi_{30}^{8}\ \Phi_{25}^{14}\ \Phi_{15}^{7}\ \Phi_{10}^{16}\ \Phi_{6}^{8}\ \Phi_{5}^{14}\ \Phi_{3}^{8}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
104089	1504	279	$\frac{2}{93}$	$\frac{1}{9}$	$\frac{91}{279}$	$\frac{1}{3}$	$\Phi_{279}^{5}\ \Phi_{93}^{6}\ \Phi_{31}^{6}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
104090	1504	1173	$\frac{1}{23}$	$\frac{1}{17}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{1173}\ \Phi_{391}^{2}\ \Phi_{51}^{2}\ \Phi_{17}^{2}$
104091	1504	720	$\frac{1}{48}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{144}^{3}\ \Phi_{90}^{3}\ \Phi_{72}^{3}\ \Phi_{48}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{3}\ \Phi_{24}^{2}\ \Phi_{18}^{3}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104092	1504	2805	$\frac{3}{187}$	$\frac{1}{5}$	$\frac{46}{187}$	$\frac{1}{3}$	$\Phi_{2805}\ \Phi_{255}\ \Phi_{165}\ \Phi_{15}^{2}$
104093	1504	753	$\frac{13}{753}$	$\frac{142}{753}$	$\frac{185}{753}$	$\frac{1}{3}$	$\Phi_{753}^{2}\ \Phi_{251}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
104094	1504	558	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{15}{62}$	$\frac{1}{3}$	$\Phi_{558}^{4}\ \Phi_{279}^{2}\ \Phi_{186}^{2}\ \Phi_{93}\ \Phi_{62}^{4}\ \Phi_{31}^{2}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
104095	1504	594	$\frac{1}{33}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{594}^{3}\ \Phi_{297}^{3}\ \Phi_{198}^{3}\ \Phi_{66}^{3}\ \Phi_{54}^{2}\ \Phi_{33}^{2}\ \Phi_{27}^{2}\ \Phi_{22}^{3}\ \Phi_{18}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104096	1504	660	$\frac{1}{33}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{220}^{3}\ \Phi_{132}^{3}\ \Phi_{110}^{3}\ \Phi_{66}^{3}\ \Phi_{60}^{2}\ \Phi_{44}^{3}\ \Phi_{33}^{2}\ \Phi_{30}^{2}\ \Phi_{22}^{3}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104097	1504	240	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{240}^{6}\ \Phi_{120}^{6}\ \Phi_{80}^{6}\ \Phi_{60}^{6}\ \Phi_{48}^{8}\ \Phi_{40}^{6}\ \Phi_{30}^{6}\ \Phi_{24}^{8}\ \Phi_{20}^{6}\ \Phi_{16}^{8}\ \Phi_{15}^{3}\ \Phi_{12}^{8}\ \Phi_{10}^{6}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
104098	1504	495	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{495}^{4}\ \Phi_{165}^{3}\ \Phi_{55}^{4}\ \Phi_{45}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{4}$
104099	1504	255	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{255}^{7}\ \Phi_{85}^{8}\ \Phi_{15}^{8}\ \Phi_{5}^{8}$
104100	1504	435	$\frac{1}{29}$	$\frac{59}{435}$	$\frac{1}{5}$	$\frac{28}{87}$	$\Phi_{435}^{3}\ \Phi_{145}^{4}\ \Phi_{87}^{4}\ \Phi_{29}^{4}\ \Phi_{15}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
104101	1504	243	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{55}{243}$	$\frac{26}{81}$	$\Phi_{243}^{8}\ \Phi_{27}^{8}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
104102	1504	2139	$\frac{1}{23}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{22}{69}$	$\Phi_{2139}\ \Phi_{93}\ \Phi_{69}^{2}\ \Phi_{31}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
104103	1504	1035	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{22}{69}$	$\Phi_{1035}^2\ \Phi_{345}\ \Phi_{115}^2\ \Phi_{45}^3\ \Phi_{15}^2\ \Phi_5^2$
104104	1504	1365	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{85}{273}$	$\Phi_{1365}^2\ \Phi_{195}^2\ \Phi_{105}^2\ \Phi_{65}\ \Phi_{15}^2$
104105	1504	819	$\frac{6}{91}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{85}{273}$	$\Phi_{819}^2\ \Phi_{273}\ \Phi_{117}^2\ \Phi_{91}^2\ \Phi_{63}^3\ \Phi_{39}\ \Phi_{21}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
104106	1504	2295	$\frac{1}{17}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{135}$	$\Phi_{2295}\ \Phi_{459}\ \Phi_{85}$
104107	1504	135	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{41}{135}$	$\Phi_{135}^{16}\ \Phi_{27}^{16}\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
104108	1504	891	$\frac{19}{297}$	$\frac{1}{9}$	$\frac{139}{891}$	$\frac{8}{27}$	$\Phi_{891}^2\ \Phi_{297}\ \Phi_{99}\ \Phi_{81}^2\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{11}\ \Phi_9\ \Phi_3\ \Phi_1^2$
104109	1504	405	$\frac{29}{405}$	$\frac{1}{9}$	$\frac{19}{135}$	$\frac{8}{27}$	$\Phi_{405}^4\ \Phi_{135}^3\ \Phi_{81}^4\ \Phi_{45}^3\ \Phi_{27}^4\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
104110	1504	405	$\frac{29}{405}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{81}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^2\ \Phi_{45}^4\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
104111	1504	1305	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{1}{5}$	$\frac{73}{261}$	$\Phi_{1305}^2\ \Phi_{145}\ \Phi_{45}^2$
104112	1504	1785	$\frac{1}{17}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{119}\ \Phi_{85}$
104113	1504	63	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{5}{21}$	$\frac{16}{63}$	$\Phi_{63}^{23}\ \Phi_{21}^{26}\ \Phi_9^{22}\ \Phi_7^{26}\ \Phi_3^{25}\ \Phi_1^{26}$
104114	1504	310	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{15}{62}$	$\Phi_{310}^6\ \Phi_{155}^3\ \Phi_{62}^8\ \Phi_{31}^4\ \Phi_{10}^6\ \Phi_5^6\ \Phi_2^8\ \Phi_1^8$
104115	1504	290	$\frac{1}{29}$	$\frac{11}{58}$	$\frac{1}{5}$	$\frac{7}{29}$	$\Phi_{290}^8\ \Phi_{145}^5\ \Phi_{10}^8\ \Phi_5^4$
104116	1504	260	$\frac{1}{13}$	$\frac{5}{52}$	$\frac{1}{5}$	$\frac{3}{13}$	$\Phi_{260}^8\ \Phi_{130}^8\ \Phi_{65}^5\ \Phi_{20}^8\ \Phi_{10}^8\ \Phi_5^4$
104117	1504	243	$\frac{23}{243}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{55}{243}$	$\Phi_{243}^6\ \Phi_{81}^6\ \Phi_{27}^8\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
104118	1504	54	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{7}{54}$	$\frac{2}{9}$	$\Phi_{54}^{32}\ \Phi_{27}^{32}\ \Phi_{18}^{32}\ \Phi_9^7\ \Phi_6^{32}\ \Phi_3^7\ \Phi_2^{32}\ \Phi_1^8$
104119	1504	1020	$\frac{1}{17}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{204}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}\ \Phi_{68}^2\ \Phi_{34}^2$
104120	1504	455	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{79}{455}$	$\frac{1}{5}$	$\Phi_{455}^3\ \Phi_{91}^4\ \Phi_{65}^4\ \Phi_{35}^3\ \Phi_{13}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
104121	1504	225	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{37}{225}$	$\frac{8}{45}$	$\Phi_{225}^8\ \Phi_{75}^8\ \Phi_{25}^8\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
104122	1505	600	$\frac{1}{300}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{299}{600}$	$\Phi_{600}\ \Phi_{300}^4\ \Phi_{200}\ \Phi_{150}^4\ \Phi_{120}\ \Phi_{100}^4\ \Phi_{75}^4\ \Phi_{60}^4\ \Phi_{50}^4\ \Phi_{40}\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{24}\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^2\ \Phi_6^4\ \Phi_5^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
104123	1505	1284	$\frac{1}{214}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{213}{428}$	$\Phi_{642}^2\ \Phi_{428}\ \Phi_{321}^2\ \Phi_{214}^2\ \Phi_{107}^2\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
104124	1505	3852	$\frac{1}{214}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{213}{428}$	$\Phi_{3852}\ \Phi_{428}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
104125	1505	1704	$\frac{2}{213}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{211}{426}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{568}\ \Phi_{284}\ \Phi_{213}\ \Phi_{71}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
104126	1505	2976	$\frac{17}{1488}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1471}{2976}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
104127	1505	288	$\frac{1}{72}$	$\frac{1}{8}$	$\frac{73}{288}$	$\frac{71}{144}$	$\Phi_{288}^7\ \Phi_{96}^7\ \Phi_{72}^7\ \Phi_{36}^7\ \Phi_{32}^7\ \Phi_{24}^7\ \Phi_{18}^7\ \Phi_{12}^7\ \Phi_9^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
104128	1505	424	$\frac{3}{212}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{209}{424}$	$\Phi_{424}^3\ \Phi_{212}^4\ \Phi_{106}^4\ \Phi_{53}^4\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
104129	1505	2944	$\frac{33}{1472}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{1439}{2944}$	$\Phi_{2944}\ \Phi_{128}\ \Phi_{64}\ \Phi_1$
104130	1505	1428	$\frac{1}{42}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{41}{84}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{102}^2\ \Phi_{84}\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{42}^2\ \Phi_{34}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
104131	1505	1428	$\frac{1}{42}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{41}{84}$	$\Phi_{1428}^2\ \Phi_{476}^2\ \Phi_{204}^2\ \Phi_{84}^3\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{28}^3\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
104132	1505	1428	$\frac{1}{42}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{41}{84}$	$\Phi_{1428}^2\ \Phi_{476}^2\ \Phi_{204}^2\ \Phi_{84}^3\ \Phi_{68}^2\ \Phi_{28}^3\ \Phi_{17}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
104133	1505	168	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{41}{84}$	$\Phi_{168}^{10}\ \Phi_{84}^5\ \Phi_{56}^{10}\ \Phi_{42}^{10}\ \Phi_{28}^5\ \Phi_{24}^{12}\ \Phi_{21}^{10}\ \Phi_{14}^{10}\ \Phi_{12}^7\ \Phi_8^{11}\ \Phi_7^{10}\ \Phi_6^{11}\ \Phi_4^6\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
104134	1505	232	$\frac{3}{116}$	$\frac{17}{232}$	$\frac{1}{4}$	$\frac{113}{232}$	$\Phi_{232}^6\ \Phi_{116}^7\ \Phi_{58}^7\ \Phi_{29}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
104135	1505	3060	$\frac{1}{34}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{180}\ \Phi_{68}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
104136	1505	4284	$\frac{1}{34}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{33}{68}$	$\Phi_{4284}\ \Phi_{612}\ \Phi_{252}\ \Phi_{68}\ \Phi_{63}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
104137	1505	952	$\frac{1}{34}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{33}{68}$	$\Phi_{952}^2\ \Phi_{238}^2\ \Phi_{136}^2\ \Phi_{119}^2\ \Phi_{68}\ \Phi_{56}^3\ \Phi_{34}^2\ \Phi_{28}\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
104138	1505	816	$\frac{1}{34}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{33}{68}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{48}^3\ \Phi_{34}^2\ \Phi_{24}^3\ \Phi_{17}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
104139	1505	3332	$\frac{1}{34}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{33}{68}$	$\Phi_{3332}\ \Phi_{196}\ \Phi_{68}\ \Phi_{49}\ \Phi_4\ \Phi_1$
104140	1505	1728	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{223}{1728}$	$\frac{209}{432}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
104141	1505	416	$\frac{7}{208}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{201}{416}$	$\Phi_{416}^7\ \Phi_{52}\ \Phi_{32}^7\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
104142	1505	416	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{201}{416}$	$\Phi_{416}^7\ \Phi_{32}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
104143	1505	1656	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{199}{414}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{276}\ \Phi_{207}\ \Phi_{184}\ \Phi_{92}\ \Phi_{72}^2\ \Phi_{69}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
104144	1505	48	$\frac{1}{24}$	$\frac{5}{48}$	$\frac{1}{8}$	$\frac{23}{48}$	$\Phi_{48}^{28}\ \Phi_{24}^{35}\ \Phi_{16}^{28}\ \Phi_{12}^{35}\ \Phi_8^{34}\ \Phi_6^{35}\ \Phi_4^{34}\ \Phi_3^{35}\ \Phi_2^{34}\ \Phi_1^{35}$
104145	1505	576	$\frac{1}{32}$	$\frac{13}{288}$	$\frac{31}{96}$	$\frac{275}{576}$	$\Phi_{576}^5\ \Phi_{192}^5\ \Phi_{96}\ \Phi_{64}^5\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
104146	1505	576	$\frac{13}{288}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{275}{576}$	$\Phi_{576}^5\ \Phi_{192}^5\ \Phi_{64}^5\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
104147	1505	576	$\frac{13}{288}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{275}{576}$	$\Phi_{576}^5\ \Phi_{192}^5\ \Phi_{72}\ \Phi_{64}^5\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
104148	1505	1824	$\frac{15}{304}$	$\frac{1}{16}$	$\frac{319}{1824}$	$\frac{289}{608}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
104149	1505	408	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{193}{408}$	$\Phi_{408}^3\ \Phi_{204}^4\ \Phi_{136}^3\ \Phi_{102}^4\ \Phi_{68}^4\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{24}^7\ \Phi_{17}^4\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
104150	1505	312	$\frac{11}{312}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{312}^5\ \Phi_{156}^5\ \Phi_{104}^4\ \Phi_{78}^5\ \Phi_{52}^5\ \Phi_{39}^5\ \Phi_{26}^5\ \Phi_{24}^5\ \Phi_{13}^5\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^5\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
104151	1505	2048	$\frac{1}{32}$	$\frac{31}{512}$	$\frac{543}{2048}$	$\frac{481}{1024}$	$\Phi_{2048}\ \Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_1$
104152	1505	132	$\frac{1}{44}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{132}^{12}\ \Phi_{66}^{11}\ \Phi_{44}^{11}\ \Phi_{33}^{12}\ \Phi_{22}^{10}\ \Phi_{12}^{12}\ \Phi_{11}^{11}\ \Phi_6^{11}\ \Phi_4^{11}\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
104153	1505	47	$\frac{3}{47}$	$\frac{4}{47}$	$\frac{5}{47}$	$\frac{22}{47}$	$\Phi_{47}^{32}\ \Phi_1^{33}$
104154	1505	564	$\frac{1}{47}$	$\frac{19}{282}$	$\frac{46}{141}$	$\frac{263}{564}$	$\Phi_{564}^5\ \Phi_{188}^5\ \Phi_{141}\ \Phi_{12}^5\ \Phi_4^5\ \Phi_3\ \Phi_1$
104155	1505	564	$\frac{2}{47}$	$\frac{19}{282}$	$\frac{9}{47}$	$\frac{263}{564}$	$\Phi_{564}^5\ \Phi_{188}^5\ \Phi_{47}^2\ \Phi_{12}^5\ \Phi_4^5\ \Phi_1^3$
104156	1505	2816	$\frac{1}{32}$	$\frac{97}{1408}$	$\frac{31}{128}$	$\frac{1311}{2816}$	$\Phi_{2816}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_1$
104157	1505	720	$\frac{1}{36}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{720}^4\ \Phi_{240}^4\ \Phi_{144}^4\ \Phi_{80}^3\ \Phi_{48}^4\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
104158	1505	2784	$\frac{3}{116}$	$\frac{113}{1392}$	$\frac{1}{4}$	$\frac{1279}{2784}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{116}\ \Phi_{96}\ \Phi_{58}\ \Phi_{32}\ \Phi_{29}\ \Phi_1$
104159	1505	528	$\frac{1}{44}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{528}^4\ \Phi_{176}^4\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{48}^3\ \Phi_{44}^3\ \Phi_{33}^4\ \Phi_{22}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
104160	1505	792	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{1}{8}$	$\frac{181}{396}$	$\Phi_{792}^2\ \Phi_{396}\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}^4\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{36}^3\ \Phi_{33}^2\ \Phi_{24}^4\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
104161	1505	2068	$\frac{1}{47}$	$\frac{46}{517}$	$\frac{563}{2068}$	$\frac{471}{1034}$	$\Phi_{2068}\ \Phi_{517}\ \Phi_{188}\ \Phi_{44}\ \Phi_{11}\ \Phi_4\ \Phi_1$
104162	1505	704	$\frac{1}{44}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{704}^4\ \Phi_{64}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
104163	1505	192	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{5}{48}$	$\frac{29}{64}$	$\Phi_{192}^{16}\ \Phi_{64}^{11}\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
104164	1505	1584	$\frac{79}{1584}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{144}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
104165	1505	384	$\frac{1}{32}$	$\frac{23}{192}$	$\frac{31}{192}$	$\frac{169}{384}$	$\Phi_{384}^7\ \Phi_{192}\ \Phi_{128}^7\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
104166	1505	384	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{1}{8}$	$\frac{169}{384}$	$\Phi_{384}^7\ \Phi_{128}^7\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
104167	1505	224	$\frac{9}{224}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{224}^7\ \Phi_{112}^7\ \Phi_{56}^7\ \Phi_{32}^7\ \Phi_{28}^7\ \Phi_{14}^7\ \Phi_8^6\ \Phi_7^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
104168	1505	1512	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{26}{189}$	$\frac{163}{378}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}^2\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}^2\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
104169	1505	2592	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{209}{1296}$	$\frac{1087}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
104170	1505	1284	$\frac{1}{107}$	$\frac{1}{6}$	$\frac{106}{321}$	$\frac{5}{12}$	$\Phi_{1284}^2\ \Phi_{428}^2\ \Phi_{321}\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
104171	1505	1284	$\frac{2}{107}$	$\frac{1}{6}$	$\frac{21}{107}$	$\frac{5}{12}$	$\Phi_{1284}^2\ \Phi_{428}^2\ \Phi_{107}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
104172	1505	132	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{132}^{12}\ \Phi_{66}^{12}\ \Phi_{44}^{11}\ \Phi_{33}^{12}\ \Phi_{22}^{11}\ \Phi_{12}^7\ \Phi_{11}^{11}\ \Phi_6^{11}\ \Phi_4^6\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
104173	1505	512	$\frac{1}{32}$	$\frac{31}{256}$	$\frac{45}{256}$	$\frac{211}{512}$	$\Phi_{512}^{5}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{1}$
104174	1505	320	$\frac{19}{320}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{320}^{5}\ \Phi_{160}^{5}\ \Phi_{80}^{5}\ \Phi_{64}^{5}\ \Phi_{40}^{5}\ \Phi_{20}^{5}\ \Phi_{16}^{4}\ \Phi_{10}^{5}\ \Phi_{8}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
104175	1505	47	$\frac{2}{47}$	$\frac{4}{47}$	$\frac{9}{47}$	$\frac{19}{47}$	$\Phi_{47}^{32}\ \Phi_{1}^{33}$
104176	1505	72	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{7}{36}$	$\frac{29}{72}$	$\Phi_{72}^{19}\ \Phi_{36}^{23}\ \Phi_{24}^{19}\ \Phi_{18}^{23}\ \Phi_{12}^{23}\ \Phi_{9}^{23}\ \Phi_{8}^{18}\ \Phi_{6}^{23}\ \Phi_{4}^{22}\ \Phi_{3}^{23}\ \Phi_{2}^{22}\ \Phi_{1}^{23}$
104177	1505	2432	$\frac{15}{304}$	$\frac{1}{16}$	$\frac{289}{1216}$	$\frac{927}{2432}$	$\Phi_{2432}\ \Phi_{304}\ \Phi_{152}\ \Phi_{128}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{1}$
104178	1505	2424	$\frac{2}{303}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2424}\ \Phi_{808}\ \Phi_{303}\ \Phi_{101}\ \Phi_{8}\ \Phi_{1}$
104179	1505	1800	$\frac{1}{150}$	$\frac{1}{4}$	$\frac{149}{450}$	$\frac{3}{8}$	$\Phi_{1800}^{2}\ \Phi_{450}\ \Phi_{360}^{2}\ \Phi_{225}\ \Phi_{90}\ \Phi_{72}^{2}\ \Phi_{45}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
104180	1505	304	$\frac{3}{304}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{304}^{5}\ \Phi_{152}^{5}\ \Phi_{76}^{5}\ \Phi_{38}^{5}\ \Phi_{19}^{5}\ \Phi_{16}^{5}\ \Phi_{8}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
104181	1505	400	$\frac{1}{100}$	$\frac{99}{400}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{400}^{5}\ \Phi_{200}\ \Phi_{100}^{4}\ \Phi_{80}^{5}\ \Phi_{50}^{4}\ \Phi_{40}\ \Phi_{25}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{5}\ \Phi_{10}^{4}\ \Phi_{8}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
104182	1505	2440	$\frac{4}{305}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2440}\ \Phi_{488}\ \Phi_{305}\ \Phi_{61}\ \Phi_{8}\ \Phi_{1}$
104183	1505	3000	$\frac{1}{75}$	$\frac{74}{375}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{375}\ \Phi_{125}\ \Phi_{8}\ \Phi_{1}$
104184	1505	1224	$\frac{5}{306}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1224}^{2}\ \Phi_{408}^{2}\ \Phi_{306}\ \Phi_{153}\ \Phi_{136}^{2}\ \Phi_{102}\ \Phi_{72}^{2}\ \Phi_{51}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
104185	1505	360	$\frac{1}{60}$	$\frac{59}{360}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}\ \Phi_{90}^{5}\ \Phi_{72}^{5}\ \Phi_{60}^{4}\ \Phi_{45}^{5}\ \Phi_{40}\ \Phi_{36}^{5}\ \Phi_{30}^{4}\ \Phi_{24}\ \Phi_{20}^{4}\ \Phi_{18}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{5}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
104186	1505	200	$\frac{1}{50}$	$\frac{7}{50}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{200}^{12}\ \Phi_{50}^{6}\ \Phi_{40}^{12}\ \Phi_{25}^{6}\ \Phi_{10}^{6}\ \Phi_{8}^{13}\ \Phi_{5}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
104187	1505	88	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{88}^{16}\ \Phi_{44}^{19}\ \Phi_{22}^{19}\ \Phi_{11}^{19}\ \Phi_{8}^{12}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
104188	1505	144	$\frac{1}{36}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{144}^{12}\ \Phi_{72}^{8}\ \Phi_{48}^{11}\ \Phi_{36}^{11}\ \Phi_{24}^{7}\ \Phi_{18}^{11}\ \Phi_{16}^{11}\ \Phi_{12}^{10}\ \Phi_{9}^{11}\ \Phi_{8}^{8}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
104189	1505	1240	$\frac{9}{310}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1240}^{2}\ \Phi_{310}\ \Phi_{248}^{2}\ \Phi_{155}\ \Phi_{62}\ \Phi_{31}\ \Phi_{8}\ \Phi_{1}$
104190	1505	1320	$\frac{1}{30}$	$\frac{29}{330}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1320}^{2}\ \Phi_{440}^{2}\ \Phi_{330}\ \Phi_{264}^{2}\ \Phi_{165}\ \Phi_{110}\ \Phi_{88}^{2}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
104191	1505	312	$\frac{11}{312}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^{5}\ \Phi_{156}^{5}\ \Phi_{104}^{5}\ \Phi_{78}^{5}\ \Phi_{52}^{5}\ \Phi_{39}^{5}\ \Phi_{26}^{5}\ \Phi_{24}\ \Phi_{13}^{5}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
104192	1505	2600	$\frac{1}{25}$	$\frac{24}{325}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{325}\ \Phi_{104}\ \Phi_{65}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
104193	1505	360	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^{7}\ \Phi_{120}^{6}\ \Phi_{72}^{7}\ \Phi_{45}^{7}\ \Phi_{40}^{6}\ \Phi_{24}^{6}\ \Phi_{15}^{6}\ \Phi_{9}^{7}\ \Phi_{8}^{7}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
104194	1505	320	$\frac{1}{20}$	$\frac{19}{320}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{320}^{5}\ \Phi_{160}^{5}\ \Phi_{80}^{5}\ \Phi_{64}^{5}\ \Phi_{40}\ \Phi_{32}^{5}\ \Phi_{20}^{4}\ \Phi_{16}^{5}\ \Phi_{10}^{4}\ \Phi_{8}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
104195	1505	1536	$\frac{31}{1536}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
104196	1505	1188	$\frac{1}{44}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{1188}\ \Phi_{594}\ \Phi_{396}^{2}\ \Phi_{297}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{108}\ \Phi_{99}^{2}\ \Phi_{66}^{2}\ \Phi_{44}\ \Phi_{36}^{2}\ \Phi_{33}^{2}\ \Phi_{27}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
104197	1505	396	$\frac{1}{36}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{396}^{4}\ \Phi_{198}^{4}\ \Phi_{132}^{4}\ \Phi_{99}^{4}\ \Phi_{66}^{3}\ \Phi_{44}^{4}\ \Phi_{36}^{3}\ \Phi_{33}^{4}\ \Phi_{22}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{11}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
104198	1505	2304	$\frac{1}{32}$	$\frac{31}{384}$	$\frac{353}{1152}$	$\frac{799}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
104199	1505	1692	$\frac{1}{47}$	$\frac{187}{1692}$	$\frac{46}{141}$	$\frac{95}{282}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{564}\ \Phi_{423}\ \Phi_{188}\ \Phi_{141}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
104200	1505	648	$\frac{1}{54}$	$\frac{1}{8}$	$\frac{53}{162}$	$\frac{109}{324}$	$\Phi_{648}^{2}\ \Phi_{324}\ \Phi_{216}^{4}\ \Phi_{162}^{2}\ \Phi_{108}^{3}\ \Phi_{81}^{2}\ \Phi_{72}^{4}\ \Phi_{54}^{3}\ \Phi_{36}^{3}\ \Phi_{27}^{3}\ \Phi_{24}^{4}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
104201	1505	2256	$\frac{1}{188}$	$\frac{187}{564}$	$\frac{751}{2256}$	$\frac{377}{1128}$	$\Phi_{2256}\ \Phi_{752}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
104202	1505	963	$\frac{1}{107}$	$\frac{2}{9}$	$\frac{106}{321}$	$\frac{1}{3}$	$\Phi_{963}^{2}\ \Phi_{321}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$
104203	1505	765	$\frac{2}{45}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{765}^{2}\ \Phi_{255}^{2}\ \Phi_{153}^{2}\ \Phi_{85}^{2}\ \Phi_{51}\ \Phi_{45}^{3}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{5}^{3}\ \Phi_{3}\ \Phi_{1}$
104204	1505	411	$\frac{2}{137}$	$\frac{27}{137}$	$\frac{110}{411}$	$\frac{1}{3}$	$\Phi_{411}^{3}\ \Phi_{137}^{5}\ \Phi_{3}^{2}\ \Phi_{1}^{5}$
104205	1505	963	$\frac{2}{107}$	$\frac{21}{107}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{963}^{2}\ \Phi_{107}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
104206	1505	396	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{396}^{5}\ \Phi_{198}^{5}\ \Phi_{132}^{2}\ \Phi_{99}^{5}\ \Phi_{66}^{2}\ \Phi_{44}\ \Phi_{36}^{5}\ \Phi_{33}^{2}\ \Phi_{22}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
104207	1505	765	$\frac{2}{45}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{765}^{2}\ \Phi_{255}^{2}\ \Phi_{153}^{2}\ \Phi_{85}^{2}\ \Phi_{45}^{3}\ \Phi_{17}^{2}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
104208	1505	360	$\frac{2}{45}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}^{5}\ \Phi_{90}^{2}\ \Phi_{72}^{5}\ \Phi_{60}^{5}\ \Phi_{45}^{3}\ \Phi_{40}^{5}\ \Phi_{36}^{5}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{5}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
104209	1505	423	$\frac{1}{47}$	$\frac{19}{141}$	$\frac{122}{423}$	$\frac{46}{141}$	$\Phi_{423}^{5}\ \Phi_{141}\ \Phi_{9}^{5}\ \Phi_{3}\ \Phi_{1}$
104210	1505	2232	$\frac{17}{744}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{727}{2232}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{558}\ \Phi_{279}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
104211	1505	348	$\frac{3}{116}$	$\frac{47}{348}$	$\frac{1}{4}$	$\frac{113}{348}$	$\Phi_{348}^{4}\ \Phi_{174}^{4}\ \Phi_{116}^{5}\ \Phi_{87}^{4}\ \Phi_{58}^{5}\ \Phi_{29}^{5}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
104212	1505	1728	$\frac{1}{32}$	$\frac{223}{1728}$	$\frac{65}{288}$	$\frac{31}{96}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
104213	1505	384	$\frac{1}{32}$	$\frac{13}{96}$	$\frac{83}{384}$	$\frac{31}{96}$	$\Phi_{384}^{5}\ \Phi_{192}^{5}\ \Phi_{128}^{5}\ \Phi_{96}\ \Phi_{64}^{5}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
104214	1505	1944	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{439}{1944}$	$\frac{209}{648}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
104215	1505	1071	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{20}{63}$	$\Phi_{1071}^{2}\ \Phi_{153}^{2}\ \Phi_{63}^{3}\ \Phi_{51}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$
104216	1505	1071	$\frac{1}{21}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{20}{63}$	$\Phi_{1071}^{2}\ \Phi_{153}^{2}\ \Phi_{63}^{3}\ \Phi_{17}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
104217	1505	504	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{20}{63}$	$\Phi_{504}^{5}\ \Phi_{252}^{5}\ \Phi_{126}^{2}\ \Phi_{72}^{5}\ \Phi_{63}^{3}\ \Phi_{36}^{5}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
104218	1505	2856	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{16}{51}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{408}\ \Phi_{204}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{51}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
104219	1505	816	$\frac{1}{17}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{16}{51}$	$\Phi_{816}^{2}\ \Phi_{408}^{2}\ \Phi_{272}^{2}\ \Phi_{204}^{2}\ \Phi_{136}^{2}\ \Phi_{68}^{2}\ \Phi_{51}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
104220	1505	2499	$\frac{1}{17}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{16}{51}$	$\Phi_{2499}\ \Phi_{147}\ \Phi_{51}\ \Phi_{49}\ \Phi_{3}\ \Phi_{1}$
104221	1505	312	$\frac{3}{52}$	$\frac{7}{104}$	$\frac{1}{4}$	$\frac{97}{312}$	$\Phi_{312}^{7}\ \Phi_{156}^{7}\ \Phi_{78}^{7}\ \Phi_{52}\ \Phi_{39}^{7}\ \Phi_{26}\ \Phi_{24}^{7}\ \Phi_{13}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{7}\ \Phi_{1}$
104222	1505	312	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{97}{312}$	$\Phi_{312}^{7}\ \Phi_{156}^{7}\ \Phi_{78}^{7}\ \Phi_{39}^{7}\ \Phi_{24}^{7}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
104223	1505	432	$\frac{1}{16}$	$\frac{13}{144}$	$\frac{3}{16}$	$\frac{131}{432}$	$\Phi_{432}^{5}\ \Phi_{216}^{5}\ \Phi_{108}^{5}\ \Phi_{54}^{5}\ \Phi_{27}^{5}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
104224	1505	432	$\frac{13}{144}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{131}{432}$	$\Phi_{432}^{5}\ \Phi_{216}^{5}\ \Phi_{108}^{5}\ \Phi_{72}\ \Phi_{54}^{5}\ \Phi_{36}\ \Phi_{27}^{5}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
104225	1505	423	$\frac{2}{47}$	$\frac{19}{141}$	$\frac{9}{47}$	$\frac{122}{423}$	$\Phi_{423}^{5}\ \Phi_{47}^{2}\ \Phi_{9}^{5}\ \Phi_{1}^{3}$
104226	1505	180	$\frac{1}{36}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{180}^{8}\ \Phi_{90}^{8}\ \Phi_{60}^{7}\ \Phi_{45}^{8}\ \Phi_{36}^{11}\ \Phi_{30}^{7}\ \Phi_{20}^{8}\ \Phi_{18}^{11}\ \Phi_{15}^{7}\ \Phi_{12}^{10}\ \Phi_{10}^{8}\ \Phi_{9}^{11}\ \Phi_{6}^{10}\ \Phi_{5}^{8}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
104227	1505	2088	$\frac{3}{116}$	$\frac{113}{696}$	$\frac{1}{4}$	$\frac{583}{2088}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{522}\ \Phi_{261}\ \Phi_{116}\ \Phi_{72}\ \Phi_{58}\ \Phi_{36}\ \Phi_{29}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
104228	1505	528	$\frac{1}{44}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{528}^{4}\ \Phi_{264}^{4}\ \Phi_{132}^{4}\ \Phi_{66}^{4}\ \Phi_{48}^{3}\ \Phi_{44}^{3}\ \Phi_{33}^{4}\ \Phi_{24}^{3}\ \Phi_{22}^{3}\ \Phi_{12}^{3}\ \Phi_{11}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
104229	1505	48	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{3}{16}$	$\frac{13}{48}$	$\Phi_{48}^{30}\ \Phi_{24}^{30}\ \Phi_{16}^{34}\ \Phi_{12}^{30}\ \Phi_{8}^{34}\ \Phi_{6}^{30}\ \Phi_{4}^{34}\ \Phi_{3}^{30}\ \Phi_{2}^{34}\ \Phi_{1}^{35}$
104230	1505	288	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{23}{96}$	$\frac{73}{288}$	$\Phi_{288}^{7}\ \Phi_{144}^{7}\ \Phi_{72}^{7}\ \Phi_{36}^{7}\ \Phi_{24}^{7}\ \Phi_{18}^{7}\ \Phi_{12}^{7}\ \Phi_{9}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
104231	1505	1856	$\frac{3}{116}$	$\frac{351}{1856}$	$\frac{113}{464}$	$\frac{1}{4}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{116}\ \Phi_{64}\ \Phi_{58}\ \Phi_{32}\ \Phi_{29}\ \Phi_{1}$
104232	1505	1664	$\frac{3}{52}$	$\frac{159}{1664}$	$\frac{49}{208}$	$\frac{1}{4}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{128}\ \Phi_{64}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
104233	1505	52	$\frac{3}{52}$	$\frac{7}{52}$	$\frac{9}{52}$	$\frac{1}{4}$	$\Phi_{52}^{29}\ \Phi_{26}^{29}\ \Phi_{13}^{29}\ \Phi_{4}^{28}\ \Phi_{2}^{28}\ \Phi_{1}^{29}$
104234	1505	952	$\frac{1}{14}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{13}{56}$	$\Phi_{952}^{2}\ \Phi_{476}^{2}\ \Phi_{136}^{2}\ \Phi_{68}^{2}\ \Phi_{56}^{3}\ \Phi_{28}^{3}\ \Phi_{17}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
104235	1505	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{13}{56}$	$\Phi_{168}^{10}\ \Phi_{84}^{10}\ \Phi_{56}^{5}\ \Phi_{42}^{12}\ \Phi_{28}^{5}\ \Phi_{24}^{12}\ \Phi_{21}^{12}\ \Phi_{14}^{6}\ \Phi_{12}^{12}\ \Phi_{8}^{6}\ \Phi_{7}^{6}\ \Phi_{6}^{13}\ \Phi_{4}^{6}\ \Phi_{3}^{13}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
104236	1505	1728	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{223}{1728}$	$\frac{65}{288}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
104237	1505	384	$\frac{1}{16}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{83}{384}$	$\Phi_{384}^{5}\ \Phi_{192}^{5}\ \Phi_{128}^{5}\ \Phi_{64}^{5}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
104238	1505	216	$\frac{2}{27}$	$\frac{1}{8}$	$\frac{5}{27}$	$\frac{11}{54}$	$\Phi_{216}^{8}\ \Phi_{108}^{8}\ \Phi_{72}^{8}\ \Phi_{54}^{3}\ \Phi_{36}^{8}\ \Phi_{27}^{5}\ \Phi_{24}^{8}\ \Phi_{18}^{3}\ \Phi_{12}^{8}\ \Phi_{9}^{5}\ \Phi_{8}^{7}\ \Phi_{6}^{3}\ \Phi_{4}^{7}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
104239	1505	376	$\frac{2}{47}$	$\frac{9}{47}$	$\frac{75}{376}$	$\frac{19}{94}$	$\Phi_{376}^5\ \Phi_{188}^5\ \Phi_{47}^2\ \Phi_8^5\ \Phi_4^5\ \Phi_1^3$
104240	1505	360	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{59}{360}$	$\frac{13}{72}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^5\ \Phi_{72}\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{40}^5\ \Phi_{36}\ \Phi_{30}^5\ \Phi_{24}\ \Phi_{20}^5\ \Phi_{18}\ \Phi_{15}^5\ \Phi_{12}\ \Phi_{10}^5\ \Phi_9\ \Phi_6\ \Phi_5^5\ \Phi_3\ \Phi_1$
104241	1505	816	$\frac{5}{48}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{3}{17}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{17}^2\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_4^3\ \Phi_1^3$
104242	1505	833	$\frac{2}{17}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{3}{17}$	$\Phi_{833}^2\ \Phi_{49}^3\ \Phi_{17}^2\ \Phi_1^3$
104243	1505	48	$\frac{5}{48}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{48}^{35}\ \Phi_{24}^{27}\ \Phi_{16}^{35}\ \Phi_{12}^{27}\ \Phi_8^{26}\ \Phi_6^{31}\ \Phi_4^{26}\ \Phi_3^{31}\ \Phi_2^{30}\ \Phi_1^{31}$
104244	1505	504	$\frac{5}{42}$	$\frac{1}{8}$	$\frac{37}{252}$	$\frac{1}{6}$	$\Phi_{504}^4\ \Phi_{252}^3\ \Phi_{168}^2\ \Phi_{126}^3\ \Phi_{84}\ \Phi_{72}^4\ \Phi_{63}^3\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{24}^4\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
104245	1505	1176	$\frac{6}{49}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{49}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
104246	1506	1204	$\frac{1}{301}$	$\frac{151}{602}$	$\frac{451}{1204}$	$\frac{150}{301}$	$\Phi_{1204}^2\ \Phi_{301}\ \Phi_{172}^2\ \Phi_{43}\ \Phi_{28}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
104247	1506	500	$\frac{1}{250}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{249}{500}$	$\Phi_{500}^6\ \Phi_{100}^6\ \Phi_{20}^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
104248	1506	1500	$\frac{1}{250}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{249}{500}$	$\Phi_{1500}\ \Phi_{750}^2\ \Phi_{375}^2\ \Phi_{300}\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
104249	1506	430	$\frac{1}{215}$	$\frac{36}{215}$	$\frac{179}{430}$	$\frac{107}{215}$	$\Phi_{430}^6\ \Phi_{215}\ \Phi_{86}^6\ \Phi_{43}\ \Phi_{10}^6\ \Phi_5\ \Phi_2^6\ \Phi_1^2$
104250	1506	1498	$\frac{4}{749}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{745}{1498}$	$\Phi_{1498}^2\ \Phi_{214}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
104251	1506	3486	$\frac{2}{249}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{247}{498}$	$\Phi_{3486}\ \Phi_{1162}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
104252	1506	497	$\frac{5}{497}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{246}{497}$	$\Phi_{497}^3\ \Phi_{71}^3\ \Phi_7^5\ \Phi_1^6$
104253	1506	336	$\frac{1}{84}$	$\frac{1}{7}$	$\frac{85}{336}$	$\frac{83}{168}$	$\Phi_{336}^6\ \Phi_{112}^6\ \Phi_{84}^6\ \Phi_{48}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_7^5\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
104254	1506	3472	$\frac{3}{248}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{245}{496}$	$\Phi_{3472}\ \Phi_{112}\ \Phi_{28}\ \Phi_{14}$
104255	1506	1484	$\frac{11}{742}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{731}{1484}$	$\Phi_{1484}^2\ \Phi_{212}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
104256	1506	1482	$\frac{4}{247}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{243}{494}$	$\Phi_{1482}^3\ \Phi_{114}^3\ \Phi_{78}^3\ \Phi_{39}\ \Phi_6^3$
104257	1506	2436	$\frac{1}{58}$	$\frac{59}{812}$	$\frac{1}{3}$	$\frac{57}{116}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{609}\ \Phi_{174}\ \Phi_{87}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
104258	1506	3444	$\frac{5}{246}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{241}{492}$	$\Phi_{3444}\ \Phi_{1148}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
104259	1506	1462	$\frac{1}{43}$	$\frac{22}{731}$	$\frac{709}{1462}$	$\frac{21}{43}$	$\Phi_{1462}^2\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{34}^2\ \Phi_2^2\ \Phi_1^2$
104260	1506	490	$\frac{6}{245}$	$\frac{1}{35}$	$\frac{17}{35}$	$\frac{239}{490}$	$\Phi_{490}^6\ \Phi_{98}^6\ \Phi_{70}^6\ \Phi_{35}\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7\ \Phi_5\ \Phi_2^6\ \Phi_1^2$
104261	1506	490	$\frac{6}{245}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{239}{490}$	$\Phi_{490}^6\ \Phi_{98}^6\ \Phi_{70}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
104262	1506	2016	$\frac{1}{36}$	$\frac{37}{288}$	$\frac{1}{7}$	$\frac{35}{72}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
104263	1506	980	$\frac{1}{35}$	$\frac{18}{245}$	$\frac{227}{980}$	$\frac{17}{35}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{196}^2\ \Phi_{140}^2\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
104264	1506	280	$\frac{1}{35}$	$\frac{29}{280}$	$\frac{6}{35}$	$\frac{17}{35}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{56}^6\ \Phi_{40}^6\ \Phi_{35}\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_8^6\ \Phi_7\ \Phi_5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^2$
104265	1506	3402	$\frac{8}{243}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{235}{486}$	$\Phi_{3402}\ \Phi_{1134}\ \Phi_{378}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
104266	1506	4368	$\frac{25}{728}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{703}{1456}$	$\Phi_{4368}\ \Phi_{624}\ \Phi_{336}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_6$
104267	1506	1456	$\frac{25}{728}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{703}{1456}$	$\Phi_{1456}^2\ \Phi_{208}^2\ \Phi_{112}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
104268	1506	280	$\frac{1}{28}$	$\frac{29}{280}$	$\frac{1}{7}$	$\frac{27}{56}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{40}^6\ \Phi_{35}^6\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7^5\ \Phi_5^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
104269	1506	780	$\frac{9}{260}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{195}^3\ \Phi_{156}^2\ \Phi_{78}^3\ \Phi_{60}^3\ \Phi_{39}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
104270	1506	4350	$\frac{1}{29}$	$\frac{28}{725}$	$\frac{1}{3}$	$\frac{697}{1450}$	$\Phi_{4350}\ \Phi_{870}\ \Phi_{174}\ \Phi_{150}\ \Phi_{87}\ \Phi_{30}\ \Phi_6$
104271	1506	483	$\frac{19}{483}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{232}{483}$	$\Phi_{483}^3\ \Phi_{161}^3\ \Phi_{69}^3\ \Phi_{23}^3\ \Phi_{21}^6\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
104272	1506	3360	$\frac{11}{240}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{229}{480}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{224}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
104273	1506	476	$\frac{13}{238}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{225}{476}$	$\Phi_{476}^6\ \Phi_{68}^6\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
104274	1506	473	$\frac{1}{43}$	$\frac{29}{473}$	$\frac{14}{43}$	$\frac{222}{473}$	$\Phi_{473}^{3}\ \Phi_{43}^{5}\ \Phi_{11}^{3}\ \Phi_{1}^{6}$
104275	1506	3276	$\frac{1}{18}$	$\frac{17}{234}$	$\frac{1}{7}$	$\frac{217}{468}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{364}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
104276	1506	1400	$\frac{1}{35}$	$\frac{53}{700}$	$\frac{17}{70}$	$\frac{647}{1400}$	$\Phi_{1400}^{2}\ \Phi_{280}^{2}\ \Phi_{200}^{2}\ \Phi_{70}^{2}\ \Phi_{56}^{2}\ \Phi_{40}^{2}\ \Phi_{35}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104277	1506	344	$\frac{1}{43}$	$\frac{7}{86}$	$\frac{93}{344}$	$\frac{79}{172}$	$\Phi_{344}^{6}\ \Phi_{86}^{6}\ \Phi_{43}^{5}\ \Phi_{8}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
104278	1506	1392	$\frac{1}{58}$	$\frac{19}{232}$	$\frac{1}{3}$	$\frac{213}{464}$	$\Phi_{1392}^{3}\ \Phi_{174}\ \Phi_{87}\ \Phi_{48}^{3}\ \Phi_{6}$
104279	1506	1848	$\frac{13}{264}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{84}\ \Phi_{77}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
104280	1506	462	$\frac{1}{21}$	$\frac{20}{231}$	$\frac{1}{7}$	$\frac{211}{462}$	$\Phi_{462}^{6}\ \Phi_{154}^{6}\ \Phi_{66}^{6}\ \Phi_{42}^{6}\ \Phi_{22}^{6}\ \Phi_{21}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
104281	1506	1376	$\frac{1}{43}$	$\frac{65}{688}$	$\frac{21}{86}$	$\frac{623}{1376}$	$\Phi_{1376}^{2}\ \Phi_{86}^{2}\ \Phi_{43}\ \Phi_{32}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104282	1506	784	$\frac{31}{784}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{784}^{2}\ \Phi_{392}^{2}\ \Phi_{196}^{2}\ \Phi_{112}^{2}\ \Phi_{98}^{2}\ \Phi_{49}^{2}\ \Phi_{28}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104283	1506	258	$\frac{7}{258}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{258}^{6}\ \Phi_{129}^{6}\ \Phi_{86}^{6}\ \Phi_{43}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
104284	1506	448	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{1}{7}$	$\frac{197}{448}$	$\Phi_{448}^{6}\ \Phi_{64}^{6}\ \Phi_{28}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
104285	1506	441	$\frac{2}{63}$	$\frac{61}{441}$	$\frac{1}{7}$	$\frac{190}{441}$	$\Phi_{441}^{3}\ \Phi_{147}^{3}\ \Phi_{63}^{6}\ \Phi_{49}^{3}\ \Phi_{21}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
104286	1506	3024	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{35}{216}$	$\frac{181}{432}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{336}\ \Phi_{252}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
104287	1506	430	$\frac{1}{43}$	$\frac{7}{43}$	$\frac{36}{215}$	$\frac{179}{430}$	$\Phi_{430}^{6}\ \Phi_{86}^{6}\ \Phi_{43}^{5}\ \Phi_{10}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
104288	1506	420	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{41}{210}$	$\frac{169}{420}$	$\Phi_{420}^{6}\ \Phi_{140}^{6}\ \Phi_{84}^{6}\ \Phi_{60}^{6}\ \Phi_{42}^{6}\ \Phi_{28}^{6}\ \Phi_{21}^{6}\ \Phi_{20}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
104289	1506	375	$\frac{1}{125}$	$\frac{1}{5}$	$\frac{124}{375}$	$\frac{2}{5}$	$\Phi_{375}^{6}\ \Phi_{75}^{6}\ \Phi_{15}^{6}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
104290	1506	760	$\frac{7}{760}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{760}^{2}\ \Phi_{380}^{2}\ \Phi_{190}^{2}\ \Phi_{152}^{2}\ \Phi_{95}^{2}\ \Phi_{76}^{2}\ \Phi_{40}^{2}\ \Phi_{38}^{2}\ \Phi_{20}^{2}\ \Phi_{19}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
104291	1506	1000	$\frac{3}{250}$	$\frac{1}{5}$	$\frac{247}{1000}$	$\frac{2}{5}$	$\Phi_{1000}^{2}\ \Phi_{500}^{2}\ \Phi_{200}^{2}\ \Phi_{100}^{2}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
104292	1506	255	$\frac{4}{255}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{255}^{6}\ \Phi_{85}^{6}\ \Phi_{51}^{6}\ \Phi_{17}^{6}\ \Phi_{15}^{6}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
104293	1506	300	$\frac{1}{50}$	$\frac{49}{300}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{300}^{6}\ \Phi_{150}^{6}\ \Phi_{100}^{6}\ \Phi_{75}^{6}\ \Phi_{60}^{6}\ \Phi_{30}^{6}\ \Phi_{20}^{6}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
104294	1506	875	$\frac{3}{125}$	$\frac{122}{875}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{875}^{2}\ \Phi_{175}^{2}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
104295	1506	775	$\frac{22}{775}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{775}^{2}\ \Phi_{155}^{2}\ \Phi_{31}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
104296	1506	260	$\frac{9}{260}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{260}^{6}\ \Phi_{130}^{6}\ \Phi_{65}^{6}\ \Phi_{52}^{6}\ \Phi_{26}^{6}\ \Phi_{20}^{6}\ \Phi_{13}^{6}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
104297	1506	275	$\frac{1}{25}$	$\frac{24}{275}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{275}^{6}\ \Phi_{55}^{6}\ \Phi_{11}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
104298	1506	800	$\frac{47}{800}$	$\frac{3}{50}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{800}^{2}\ \Phi_{400}^{2}\ \Phi_{200}^{2}\ \Phi_{160}^{2}\ \Phi_{100}^{2}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
104299	1506	280	$\frac{1}{35}$	$\frac{29}{280}$	$\frac{17}{70}$	$\frac{53}{140}$	$\Phi_{280}^{6}\ \Phi_{140}^{4}\ \Phi_{70}^{6}\ \Phi_{56}^{6}\ \Phi_{40}^{6}\ \Phi_{35}^{5}\ \Phi_{28}^{4}\ \Phi_{20}^{4}\ \Phi_{14}^{6}\ \Phi_{10}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
104300	1506	860	$\frac{1}{43}$	$\frac{107}{860}$	$\frac{21}{86}$	$\frac{65}{172}$	$\Phi_{860}^{2}\ \Phi_{430}^{2}\ \Phi_{215}^{2}\ \Phi_{86}^{2}\ \Phi_{43}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104301	1506	1792	$\frac{5}{256}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{28}\ \Phi_{14}$
104302	1506	387	$\frac{1}{43}$	$\frac{14}{129}$	$\frac{115}{387}$	$\frac{136}{387}$	$\Phi_{387}^{3}\ \Phi_{129}^{6}\ \Phi_{43}^{5}\ \Phi_{9}^{3}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
104303	1506	258	$\frac{7}{258}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{258}^{6}\ \Phi_{129}^{6}\ \Phi_{86}^{6}\ \Phi_{43}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
104304	1506	385	$\frac{1}{35}$	$\frac{34}{385}$	$\frac{117}{385}$	$\frac{134}{385}$	$\Phi_{385}^{4}\ \Phi_{77}^{4}\ \Phi_{55}^{4}\ \Phi_{35}^{3}\ \Phi_{11}^{4}\ \Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
104305	1506	378	$\frac{1}{63}$	$\frac{1}{7}$	$\frac{62}{189}$	$\frac{127}{378}$	$\Phi_{378}^{6}\ \Phi_{126}^{6}\ \Phi_{63}^{6}\ \Phi_{54}^{6}\ \Phi_{42}^{6}\ \Phi_{21}^{6}\ \Phi_{18}^{6}\ \Phi_{14}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
104306	1506	301	$\frac{4}{301}$	$\frac{50}{301}$	$\frac{99}{301}$	$\frac{101}{301}$	$\Phi_{301}^{5}\ \Phi_{43}^{5}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
104307	1506	1500	$\frac{1}{125}$	$\frac{1}{4}$	$\frac{124}{375}$	$\frac{1}{3}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}^{2}\ \Phi_{300}\ \Phi_{250}^{2}\ \Phi_{150}\ \Phi_{100}^{2}\ \Phi_{60}\ \Phi_{50}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
104308	1506	870	$\frac{1}{58}$	$\frac{39}{290}$	$\frac{19}{58}$	$\frac{1}{3}$	$\Phi_{870}^3\ \Phi_{435}^3\ \Phi_{174}\ \Phi_{87}\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_6$
104309	1506	1092	$\frac{1}{26}$	$\frac{25}{364}$	$\frac{113}{364}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{273}^2\ \Phi_{156}^2\ \Phi_{84}^2\ \Phi_{78}^3\ \Phi_{42}^2\ \Phi_{39}^3\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
104310	1506	261	$\frac{10}{261}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{261}^6\ \Phi_{87}^5\ \Phi_{29}^6\ \Phi_9^6\ \Phi_3^4\ \Phi_1^6$
104311	1506	780	$\frac{9}{260}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{195}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{60}^3\ \Phi_{39}\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3$
104312	1506	348	$\frac{1}{58}$	$\frac{19}{116}$	$\frac{97}{348}$	$\frac{1}{3}$	$\Phi_{348}^3\ \Phi_{174}^4\ \Phi_{116}^6\ \Phi_{87}^4\ \Phi_{58}^6\ \Phi_{29}^6\ \Phi_{12}^3\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
104313	1506	1020	$\frac{4}{255}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{204}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{60}\ \Phi_{34}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
104314	1506	300	$\frac{1}{50}$	$\frac{49}{300}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^4\ \Phi_{150}^5\ \Phi_{100}^6\ \Phi_{75}^5\ \Phi_{60}^4\ \Phi_{50}^6\ \Phi_{30}^5\ \Phi_{25}^6\ \Phi_{20}^6\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^6\ \Phi_6^6\ \Phi_5^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
104315	1506	780	$\frac{9}{260}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{195}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{60}\ \Phi_{39}^3\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
104316	1506	3300	$\frac{1}{25}$	$\frac{24}{275}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{660}\ \Phi_{330}\ \Phi_{132}\ \Phi_{66}\ \Phi_{12}\ \Phi_6$
104317	1506	2784	$\frac{1}{58}$	$\frac{175}{928}$	$\frac{57}{232}$	$\frac{1}{3}$	$\Phi_{2784}\ \Phi_{1392}\ \Phi_{174}\ \Phi_{96}\ \Phi_{87}\ \Phi_{48}\ \Phi_6$
104318	1506	2496	$\frac{1}{26}$	$\frac{79}{832}$	$\frac{25}{104}$	$\frac{1}{3}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{192}\ \Phi_{96}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_6$
104319	1506	2964	$\frac{12}{247}$	$\frac{1}{13}$	$\frac{235}{988}$	$\frac{1}{3}$	$\Phi_{2964}\ \Phi_{1482}\ \Phi_{228}\ \Phi_{156}\ \Phi_{114}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
104320	1506	870	$\frac{1}{29}$	$\frac{39}{290}$	$\frac{28}{145}$	$\frac{1}{3}$	$\Phi_{870}^3\ \Phi_{435}^2\ \Phi_{174}^3\ \Phi_{87}^3\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_6^3\ \Phi_3^2$
104321	1506	2730	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{157}{910}$	$\frac{1}{3}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{390}\ \Phi_{210}\ \Phi_{195}\ \Phi_{105}\ \Phi_{78}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
104322	1506	2604	$\frac{3}{124}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{121}{372}$	$\Phi_{2604}\ \Phi_{1302}\ \Phi_{651}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
104323	1506	2268	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{73}{324}$	$\frac{35}{108}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
104324	1506	364	$\frac{25}{364}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{113}{364}$	$\Phi_{364}^4\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{52}^4\ \Phi_{28}^6\ \Phi_{26}^4\ \Phi_{14}^6\ \Phi_{13}^4\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
104325	1506	2520	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{7}$	$\frac{109}{360}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{315}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
104326	1506	1890	$\frac{19}{270}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{27}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
104327	1506	350	$\frac{1}{35}$	$\frac{53}{350}$	$\frac{17}{70}$	$\frac{99}{350}$	$\Phi_{350}^4\ \Phi_{175}^4\ \Phi_{70}^6\ \Phi_{50}^4\ \Phi_{35}^5\ \Phi_{25}^4\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7^5\ \Phi_5^5\ \Phi_2^6\ \Phi_1^6$
104328	1506	344	$\frac{1}{43}$	$\frac{65}{344}$	$\frac{21}{86}$	$\frac{93}{344}$	$\Phi_{344}^4\ \Phi_{172}^4\ \Phi_{86}^6\ \Phi_{43}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^6\ \Phi_1^6$
104329	1506	336	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{27}{112}$	$\frac{85}{336}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{84}^6\ \Phi_{48}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_7^5\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
104330	1506	2016	$\frac{1}{12}$	$\frac{37}{288}$	$\frac{1}{7}$	$\frac{11}{48}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{252}\ \Phi_{224}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
104331	1506	2268	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{73}{324}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
104332	1506	2100	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{49}{300}$	$\frac{11}{60}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{175}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
104333	1506	280	$\frac{29}{280}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{56}^6\ \Phi_{40}^6\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
104334	1506	294	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{43}{294}$	$\Phi_{294}^6\ \Phi_{147}^6\ \Phi_{98}^6\ \Phi_{42}^6\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
104335	1507	3000	$\frac{7}{1500}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1493}{3000}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{200}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
104336	1507	1360	$\frac{1}{136}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{135}{272}$	$\Phi_{1360}^2\ \Phi_{272}^3\ \Phi_{80}^2\ \Phi_{20}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
104337	1507	4080	$\frac{1}{136}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{135}{272}$	$\Phi_{4080}\ \Phi_{816}\ \Phi_{272}\ \Phi_{240}\ \Phi_{48}\ \Phi_{16}\ \Phi_{15}\ \Phi_3\ \Phi_1$
104338	1507	2988	$\frac{13}{1494}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1481}{2988}$	$\Phi_{2988}\ \Phi_{996}\ \Phi_{332}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
104339	1507	2016	$\frac{5}{504}$	$\frac{1}{6}$	$\frac{509}{2016}$	$\frac{499}{1008}$	$\Phi_{2016}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
104340	1507	2976	$\frac{19}{1488}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1469}{2976}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
104341	1507	540	$\frac{2}{135}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{133}{270}$	$\Phi_{540}^3\ \Phi_{270}^2\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{90}^2\ \Phi_{60}^3\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{27}^3\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_9^3\ \Phi_6^4\ \Phi_5^3\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
104342	1507	2952	$\frac{31}{1476}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1445}{2952}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{328}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
104343	1507	552	$\frac{1}{46}$	$\frac{1}{12}$	$\frac{47}{184}$	$\frac{45}{92}$	$\Phi_{552}^{4}\ \Phi_{276}^{2}\ \Phi_{184}^{3}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{69}^{2}\ \Phi_{46}\ \Phi_{24}^{4}\ \Phi_{23}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
104344	1507	1728	$\frac{5}{216}$	$\frac{221}{1728}$	$\frac{1}{6}$	$\frac{211}{432}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
104345	1507	2940	$\frac{37}{1470}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1433}{2940}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{196}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
104346	1507	1680	$\frac{5}{168}$	$\frac{173}{1680}$	$\frac{1}{6}$	$\frac{163}{336}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
104347	1507	2916	$\frac{49}{1458}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1409}{2916}$	$\Phi_{2916}\ \Phi_{972}\ \Phi_{324}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
104348	1507	264	$\frac{5}{132}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{127}{264}$	$\Phi_{264}^{11}\ \Phi_{88}^{11}\ \Phi_{24}^{11}\ \Phi_{12}^{5}\ \Phi_{8}^{11}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
104349	1507	2880	$\frac{67}{1440}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1373}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
104350	1507	2856	$\frac{79}{1428}$	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1349}{2856}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{168}\ \Phi_{136}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
104351	1507	144	$\frac{7}{144}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{144}^{10}\ \Phi_{72}^{11}\ \Phi_{48}^{10}\ \Phi_{36}^{11}\ \Phi_{24}^{11}\ \Phi_{18}^{11}\ \Phi_{16}^{10}\ \Phi_{12}^{11}\ \Phi_{9}^{11}\ \Phi_{8}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{11}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
104352	1507	2808	$\frac{5}{108}$	$\frac{103}{1404}$	$\frac{1}{6}$	$\frac{1301}{2808}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{312}\ \Phi_{216}\ \Phi_{108}\ \Phi_{104}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
104353	1507	252	$\frac{5}{126}$	$\frac{11}{126}$	$\frac{1}{6}$	$\frac{115}{252}$	$\Phi_{252}^{11}\ \Phi_{126}\ \Phi_{84}^{11}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}^{11}\ \Phi_{28}^{11}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}^{11}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}^{11}\ \Phi_{1}$
104354	1507	1020	$\frac{1}{68}$	$\frac{1}{10}$	$\frac{67}{204}$	$\frac{9}{20}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{255}^{2}\ \Phi_{204}^{3}\ \Phi_{102}^{3}\ \Phi_{60}^{2}\ \Phi_{51}^{3}\ \Phi_{30}^{2}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
104355	1507	140	$\frac{3}{140}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{140}^{11}\ \Phi_{70}^{11}\ \Phi_{35}^{11}\ \Phi_{28}^{11}\ \Phi_{20}^{10}\ \Phi_{14}^{11}\ \Phi_{10}^{9}\ \Phi_{7}^{11}\ \Phi_{5}^{9}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
104356	1507	340	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{33}{170}$	$\frac{9}{20}$	$\Phi_{340}^{8}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}^{8}\ \Phi_{20}^{9}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}^{9}\ \Phi_{1}$
104357	1507	720	$\frac{7}{144}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{180}^{2}\ \Phi_{144}^{3}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{80}^{2}\ \Phi_{72}^{3}\ \Phi_{60}^{2}\ \Phi_{48}^{3}\ \Phi_{45}^{2}\ \Phi_{36}^{3}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{20}\ \Phi_{18}^{3}\ \Phi_{16}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
104358	1507	3060	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{16}{153}$	$\frac{9}{20}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{204}\ \Phi_{180}\ \Phi_{153}\ \Phi_{60}\ \Phi_{51}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
104359	1507	2688	$\frac{5}{168}$	$\frac{163}{1344}$	$\frac{1}{6}$	$\frac{1181}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{168}\ \Phi_{128}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
104360	1507	2592	$\frac{5}{216}$	$\frac{211}{1296}$	$\frac{1}{6}$	$\frac{1085}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
104361	1507	1800	$\frac{7}{300}$	$\frac{293}{1800}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
104362	1507	1560	$\frac{53}{1560}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
104363	1507	144	$\frac{7}{144}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{144}^{11}\ \Phi_{72}^{11}\ \Phi_{48}^{11}\ \Phi_{36}^{11}\ \Phi_{24}^{11}\ \Phi_{18}^{11}\ \Phi_{16}^{11}\ \Phi_{12}^{5}\ \Phi_{9}^{11}\ \Phi_{8}^{11}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
104364	1507	1380	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{22}{115}$	$\frac{93}{230}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}^{2}\ \Phi_{138}^{2}\ \Phi_{115}\ \Phi_{92}^{2}\ \Phi_{69}^{2}\ \Phi_{60}\ \Phi_{46}\ \Phi_{30}\ \Phi_{23}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
104365	1507	2520	$\frac{5}{252}$	$\frac{1}{6}$	$\frac{247}{1260}$	$\frac{1013}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
104366	1507	1536	$\frac{29}{1536}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
104367	1507	414	$\frac{1}{138}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{414}^{3}\ \Phi_{207}^{3}\ \Phi_{138}^{5}\ \Phi_{69}^{5}\ \Phi_{46}^{5}\ \Phi_{23}^{5}\ \Phi_{18}^{2}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
104368	1507	1104	$\frac{1}{138}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1104}^{2}\ \Phi_{368}^{2}\ \Phi_{276}^{2}\ \Phi_{138}\ \Phi_{92}^{2}\ \Phi_{69}\ \Phi_{48}^{2}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
104369	1507	2268	$\frac{5}{378}$	$\frac{1}{6}$	$\frac{373}{1134}$	$\frac{761}{2268}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{378}\ \Phi_{324}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
104370	1507	180	$\frac{2}{45}$	$\frac{1}{12}$	$\frac{43}{180}$	$\frac{1}{3}$	$\Phi_{180}^{8}\ \Phi_{90}^{8}\ \Phi_{60}^{8}\ \Phi_{45}^{9}\ \Phi_{36}^{8}\ \Phi_{30}^{8}\ \Phi_{20}^{8}\ \Phi_{18}^{8}\ \Phi_{15}^{9}\ \Phi_{12}^{10}\ \Phi_{10}^{8}\ \Phi_{9}^{9}\ \Phi_{6}^{10}\ \Phi_{5}^{9}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
104371	1507	144	$\frac{7}{144}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{144}^{11}\ \Phi_{72}^{11}\ \Phi_{48}^{11}\ \Phi_{36}^{8}\ \Phi_{24}^{11}\ \Phi_{18}^{8}\ \Phi_{16}^{11}\ \Phi_{12}^{10}\ \Phi_{9}^{9}\ \Phi_{8}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
104372	1507	324	$\frac{2}{27}$	$\frac{1}{12}$	$\frac{25}{162}$	$\frac{1}{3}$	$\Phi_{324}^{6}\ \Phi_{162}^{5}\ \Phi_{108}^{3}\ \Phi_{81}^{5}\ \Phi_{54}^{2}\ \Phi_{36}^{3}\ \Phi_{27}^{3}\ \Phi_{18}^{2}\ \Phi_{12}^{5}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
104373	1507	300	$\frac{1}{12}$	$\frac{13}{150}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{300}^{6}\ \Phi_{150}^{5}\ \Phi_{100}^{6}\ \Phi_{75}^{5}\ \Phi_{60}^{3}\ \Phi_{50}^{5}\ \Phi_{30}^{2}\ \Phi_{25}^{5}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
104374	1507	1020	$\frac{1}{68}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{67}{204}$	$\Phi_{1020}\ \Phi_{510}\ \Phi_{340}^{2}\ \Phi_{255}\ \Phi_{204}^{2}\ \Phi_{170}^{2}\ \Phi_{102}^{2}\ \Phi_{85}^{2}\ \Phi_{68}^{2}\ \Phi_{60}\ \Phi_{51}^{2}\ \Phi_{34}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{17}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
104375	1507	1944	$\frac{5}{216}$	$\frac{1}{6}$	$\frac{437}{1944}$	$\frac{211}{648}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
104376	1507	2232	$\frac{19}{744}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{725}{2232}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{558}\ \Phi_{279}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
104377	1507	396	$\frac{5}{66}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{61}{198}$	$\Phi_{396}^{6}\ \Phi_{198}^{5}\ \Phi_{99}^{5}\ \Phi_{36}^{6}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
104378	1507	1620	$\frac{113}{1620}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{162}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
104379	1507	2160	$\frac{5}{72}$	$\frac{67}{720}$	$\frac{1}{6}$	$\frac{653}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
104380	1507	420	$\frac{3}{140}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{140}\ \Phi_{105}^{5}\ \Phi_{84}^{5}\ \Phi_{70}\ \Phi_{60}^{4}\ \Phi_{42}^{5}\ \Phi_{35}\ \Phi_{30}^{4}\ \Phi_{28}\ \Phi_{21}^{5}\ \Phi_{20}\ \Phi_{15}^{5}\ \Phi_{14}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{3}^{5}\ \Phi_{1}$
104381	1507	510	$\frac{1}{34}$	$\frac{33}{170}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{510}^{4}\ \Phi_{255}^{4}\ \Phi_{170}\ \Phi_{102}^{4}\ \Phi_{85}\ \Phi_{51}^{4}\ \Phi_{30}^{4}\ \Phi_{15}^{5}\ \Phi_{10}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{3}^{5}\ \Phi_{1}$
104382	1507	720	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{180}^{2}\ \Phi_{144}^{3}\ \Phi_{120}\ \Phi_{90}^{2}\ \Phi_{80}^{2}\ \Phi_{72}^{3}\ \Phi_{60}\ \Phi_{48}^{3}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{3}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{3}\ \Phi_{16}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
104383	1507	765	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{765}^{2}\ \Phi_{255}\ \Phi_{153}^{3}\ \Phi_{85}^{2}\ \Phi_{51}^{2}\ \Phi_{45}^{2}\ \Phi_{17}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
104384	1507	2016	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{163}{672}$	$\frac{509}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
104385	1507	1728	$\frac{5}{72}$	$\frac{221}{1728}$	$\frac{1}{6}$	$\frac{67}{288}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
104386	1507	1944	$\frac{5}{54}$	$\frac{49}{486}$	$\frac{1}{6}$	$\frac{437}{1944}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
104387	1507	1800	$\frac{5}{72}$	$\frac{293}{1800}$	$\frac{1}{6}$	$\frac{67}{360}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
104388	1507	162	$\frac{2}{27}$	$\frac{25}{162}$	$\frac{1}{6}$	$\frac{5}{27}$	$\Phi_{162}^{11}\ \Phi_{81}^{11}\ \Phi_{54}^{5}\ \Phi_{27}^{7}\ \Phi_{18}^{5}\ \Phi_{9}^{7}\ \Phi_{6}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{7}$
104389	1507	1680	$\frac{173}{1680}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{210}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{84}\ \Phi_{80}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
104390	1507	1764	$\frac{5}{42}$	$\frac{37}{294}$	$\frac{257}{1764}$	$\frac{1}{6}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{252}\ \Phi_{196}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
104391	1508	2256	$\frac{1}{376}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{375}{752}$	$\Phi_{2256}\ \Phi_{752}^{2}\ \Phi_{48}\ \Phi_{16}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
104392	1508	750	$\frac{2}{375}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{373}{750}$	$\Phi_{750}^{4}\ \Phi_{250}^{4}\ \Phi_{150}^{4}\ \Phi_{50}^{4}\ \Phi_{30}^{4}\ \Phi_{15}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{2}^{4}$
104393	1508	453	$\frac{1}{151}$	$\frac{76}{453}$	$\frac{1}{3}$	$\frac{75}{151}$	$\Phi_{453}^{3}\ \Phi_{151}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
104394	1508	685	$\frac{1}{137}$	$\frac{69}{685}$	$\frac{308}{685}$	$\frac{68}{137}$	$\Phi_{685}^{2}\ \Phi_{137}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
104395	1508	2520	$\frac{1}{126}$	$\frac{1}{5}$	$\frac{127}{504}$	$\frac{125}{252}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{630}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
104396	1508	748	$\frac{3}{374}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{371}{748}$	$\Phi_{748}^{4}\ \Phi_{68}^{4}\ \Phi_{44}^{4}\ \Phi_{11}\ \Phi_{4}^{4}\ \Phi_{1}^{2}$
104397	1508	2760	$\frac{1}{115}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{57}{115}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{184}\ \Phi_{120}\ \Phi_{115}\ \Phi_{40}\ \Phi_{24}^{2}\ \Phi_{23}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
104398	1508	345	$\frac{1}{115}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{57}{115}$	$\Phi_{345}^{4}\ \Phi_{115}^{5}\ \Phi_{69}^{4}\ \Phi_{23}^{5}\ \Phi_{15}^{5}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
104399	1508	2070	$\frac{1}{115}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{57}{115}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{414}\ \Phi_{207}\ \Phi_{115}\ \Phi_{90}\ \Phi_{45}\ \Phi_{23}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
104400	1508	1840	$\frac{1}{115}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{57}{115}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{368}\ \Phi_{184}\ \Phi_{115}\ \Phi_{80}\ \Phi_{40}\ \Phi_{23}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
104401	1508	3720	$\frac{5}{372}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{367}{744}$	$\Phi_{3720}\ \Phi_{1240}\ \Phi_{120}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
104402	1508	1485	$\frac{23}{1485}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{731}{1485}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{27}\ \Phi_{15}\ \Phi_{11}\ \Phi_9\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
104403	1508	3710	$\frac{6}{371}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{365}{742}$	$\Phi_{3710}\ \Phi_{530}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
104404	1508	1425	$\frac{1}{57}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{28}{57}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{285}\ \Phi_{95}\ \Phi_{75}\ \Phi_{57}^2\ \Phi_{25}^2\ \Phi_{19}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
104405	1508	798	$\frac{1}{57}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{28}{57}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{114}^2\ \Phi_{42}^3\ \Phi_{38}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^3\ \Phi_2^2$
104406	1508	285	$\frac{1}{57}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{28}{57}$	$\Phi_{285}^5\ \Phi_{95}^5\ \Phi_{57}^6\ \Phi_{19}^6\ \Phi_{15}^7\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
104407	1508	1507	$\frac{27}{1507}$	$\frac{59}{1507}$	$\frac{724}{1507}$	$\frac{740}{1507}$	$\Phi_{1507}\ \Phi_{137}\ \Phi_{11}\ \Phi_1^2$
104408	1508	2160	$\frac{1}{54}$	$\frac{55}{432}$	$\frac{1}{5}$	$\frac{53}{108}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
104409	1508	2856	$\frac{1}{51}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{25}{51}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{168}\ \Phi_{136}\ \Phi_{56}^2\ \Phi_{51}\ \Phi_{24}\ \Phi_{17}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
104410	1508	714	$\frac{1}{51}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{25}{51}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{102}^2\ \Phi_{51}^3\ \Phi_{42}^3\ \Phi_{34}^2\ \Phi_{21}^3\ \Phi_{17}^3\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
104411	1508	1632	$\frac{1}{51}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{25}{51}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{136}\ \Phi_{96}\ \Phi_{51}\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{17}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
104412	1508	1785	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{25}{51}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{255}\ \Phi_{105}\ \Phi_{85}\ \Phi_{51}\ \Phi_{35}^2\ \Phi_{17}\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
104413	1508	506	$\frac{5}{253}$	$\frac{1}{11}$	$\frac{129}{506}$	$\frac{124}{253}$	$\Phi_{506}^4\ \Phi_{253}^2\ \Phi_{46}^4\ \Phi_{23}^2\ \Phi_{22}^4\ \Phi_{11}\ \Phi_2^4\ \Phi_1^2$
104414	1508	3690	$\frac{8}{369}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{361}{738}$	$\Phi_{3690}\ \Phi_{1230}\ \Phi_{410}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
104415	1508	411	$\frac{3}{137}$	$\frac{34}{411}$	$\frac{35}{137}$	$\frac{67}{137}$	$\Phi_{411}^4\ \Phi_{137}^3\ \Phi_3^4\ \Phi_1^4$
104416	1508	420	$\frac{1}{42}$	$\frac{43}{420}$	$\frac{1}{5}$	$\frac{41}{84}$	$\Phi_{420}^3\ \Phi_{210}^4\ \Phi_{140}^3\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^3\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
104417	1508	546	$\frac{1}{39}$	$\frac{1}{14}$	$\frac{10}{39}$	$\frac{19}{39}$	$\Phi_{546}^3\ \Phi_{273}^3\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{78}^3\ \Phi_{42}^3\ \Phi_{26}^3\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^3\ \Phi_2^2$
104418	1508	1507	$\frac{49}{1507}$	$\frac{86}{1507}$	$\frac{389}{1507}$	$\frac{729}{1507}$	$\Phi_{1507}\ \Phi_{137}\ \Phi_{11}\ \Phi_1^2$
104419	1508	453	$\frac{5}{151}$	$\frac{6}{151}$	$\frac{1}{3}$	$\frac{73}{151}$	$\Phi_{453}^5\ \Phi_3^4$
104420	1508	1512	$\frac{1}{28}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{1512}^2\ \Phi_{504}^2\ \Phi_{216}^2\ \Phi_{168}\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_9^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
104421	1508	952	$\frac{1}{28}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{27}{56}$	$\Phi_{952}^3\ \Phi_{136}^3\ \Phi_{56}^4\ \Phi_{17}^3\ \Phi_8^4\ \Phi_1^4$
104422	1508	280	$\frac{1}{28}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{27}{56}$	$\Phi_{280}^{13}\ \Phi_{70}\ \Phi_{40}^{13}\ \Phi_{35}\ \Phi_{10}$
104423	1508	726	$\frac{14}{363}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{349}{726}$	$\Phi_{726}^4\ \Phi_{242}^4\ \Phi_{66}^4\ \Phi_{33}^2\ \Phi_{22}^4\ \Phi_{11}\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^2$
104424	1508	150	$\frac{1}{30}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{150}^{10}\ \Phi_{75}^9\ \Phi_{50}^{10}\ \Phi_{30}^{12}\ \Phi_{25}^{10}\ \Phi_{15}^{11}\ \Phi_{10}^{12}\ \Phi_6^{12}\ \Phi_5^{12}\ \Phi_3^{10}\ \Phi_2^{12}\ \Phi_1^{12}$
104425	1508	950	$\frac{1}{25}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{12}{25}$	$\Phi_{950}^2\ \Phi_{475}\ \Phi_{190}^2\ \Phi_{95}\ \Phi_{50}^2\ \Phi_{38}^4\ \Phi_{25}^2\ \Phi_{19}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^4\ \Phi_1^4$
104426	1508	720	$\frac{17}{360}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{343}{720}$	$\Phi_{720}^4\ \Phi_{240}^4\ \Phi_{144}^4\ \Phi_{90}\ \Phi_{80}^4\ \Phi_{48}^4\ \Phi_{45}\ \Phi_{30}\ \Phi_{16}^4\ \Phi_{15}\ \Phi_{10}$
104427	1508	1980	$\frac{19}{396}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
104428	1508	3570	$\frac{1}{21}$	$\frac{20}{357}$	$\frac{1}{5}$	$\frac{337}{714}$	$\Phi_{3570}\ \Phi_{1190}\ \Phi_{510}\ \Phi_{210}\ \Phi_{170}\ \Phi_{105}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
104429	1508	1590	$\frac{1}{30}$	$\frac{3}{53}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{530}\ \Phi_{318}\ \Phi_{265}\ \Phi_{159}\ \Phi_{106}$
104430	1508	1960	$\frac{15}{392}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{280}\ \Phi_{245}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{10}$
104431	1508	2862	$\frac{1}{53}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{2862}\ \Phi_{954}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}$
104432	1508	270	$\frac{1}{27}$	$\frac{2}{27}$	$\frac{1}{5}$	$\frac{25}{54}$	$\Phi_{270}^{13}\ \Phi_{135}\ \Phi_{90}^{13}\ \Phi_{45}\ \Phi_{30}^{13}\ \Phi_{15}\ \Phi_{10}^{13}$
104433	1508	378	$\frac{1}{14}$	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{25}{54}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{126}^5\ \Phi_{63}^5\ \Phi_{42}^5\ \Phi_{27}^4\ \Phi_{21}^5\ \Phi_{18}\ \Phi_{14}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_6\ \Phi_3^4\ \Phi_1^4$
104434	1508	1507	$\frac{38}{1507}$	$\frac{113}{1507}$	$\frac{405}{1507}$	$\frac{697}{1507}$	$\Phi_{1507}\ \Phi_{137}\ \Phi_{11}\ \Phi_1^2$
104435	1508	2265	$\frac{14}{755}$	$\frac{57}{755}$	$\frac{1}{3}$	$\frac{349}{755}$	$\Phi_{2265}\ \Phi_{453}\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
104436	1508	910	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{7}{65}$	$\frac{6}{13}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{182}\ \Phi_{130}^2\ \Phi_{91}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{26}\ \Phi_{10}^2$
104437	1508	1416	$\frac{1}{59}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{1416}^2\ \Phi_{472}^2\ \Phi_{177}$
104438	1508	2760	$\frac{3}{115}$	$\frac{1}{12}$	$\frac{28}{115}$	$\frac{11}{24}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{184}\ \Phi_{120}\ \Phi_{115}\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
104439	1508	120	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{120}^{23}\ \Phi_{40}^{23}\ \Phi_{30}^4\ \Phi_{24}^{24}\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_8^{24}\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
104440	1508	552	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{11}{69}$	$\frac{11}{24}$	$\Phi_{552}^5\ \Phi_{184}^5\ \Phi_{69}^2\ \Phi_{24}^6\ \Phi_{23}\ \Phi_8^6\ \Phi_3^2\ \Phi_1^2$
104441	1508	561	$\frac{3}{187}$	$\frac{1}{11}$	$\frac{184}{561}$	$\frac{5}{11}$	$\Phi_{561}^4\ \Phi_{51}^4\ \Phi_{33}^4\ \Phi_{11}\ \Phi_3^4\ \Phi_1^2$
104442	1508	385	$\frac{8}{385}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{385}^4\ \Phi_{77}^4\ \Phi_{55}^4\ \Phi_{35}^4\ \Phi_{11}\ \Phi_7^4\ \Phi_5^4\ \Phi_1^2$
104443	1508	935	$\frac{6}{187}$	$\frac{1}{11}$	$\frac{181}{935}$	$\frac{5}{11}$	$\Phi_{935}^2\ \Phi_{85}^2\ \Phi_{55}^2\ \Phi_{11}\ \Phi_5^2\ \Phi_1^2$
104444	1508	396	$\frac{19}{396}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^4\ \Phi_{99}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{36}^4\ \Phi_{33}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{11}\ \Phi_9^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_1^2$
104445	1508	2120	$\frac{1}{53}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{2120}\ \Phi_{530}\ \Phi_{424}\ \Phi_{265}\ \Phi_{106}$
104446	1508	1062	$\frac{1}{59}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{1062}^2\ \Phi_{531}\ \Phi_{354}^2\ \Phi_{177}\ \Phi_{118}^2$
104447	1508	126	$\frac{1}{14}$	$\frac{5}{63}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{126}^{13}\ \Phi_{63}^{11}\ \Phi_{42}^{13}\ \Phi_{21}^{11}\ \Phi_{18}^{13}\ \Phi_{14}^{12}\ \Phi_9^{12}\ \Phi_7^{10}\ \Phi_6^{13}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
104448	1508	364	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{52}$	$\Phi_{364}^8\ \Phi_{182}\ \Phi_{91}\ \Phi_{52}^4\ \Phi_{28}^8\ \Phi_{26}\ \Phi_4^4$
104449	1508	3360	$\frac{1}{42}$	$\frac{41}{336}$	$\frac{1}{5}$	$\frac{295}{672}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{480}\ \Phi_{210}\ \Phi_{160}\ \Phi_{105}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
104450	1508	396	$\frac{19}{396}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^4\ \Phi_{99}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{36}^4\ \Phi_{33}^2\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{11}\ \Phi_9^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^2$
104451	1508	2650	$\frac{1}{53}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{2650}\ \Phi_{530}\ \Phi_{265}\ \Phi_{106}$
104452	1508	3240	$\frac{1}{54}$	$\frac{53}{324}$	$\frac{1}{5}$	$\frac{271}{648}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{360}\ \Phi_{270}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
104453	1508	1920	$\frac{7}{384}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
104454	1508	1908	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{477}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}$
104455	1508	242	$\frac{5}{121}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{242}^{11}\ \Phi_{121}^2\ \Phi_{22}^6\ \Phi_{11}\ \Phi_2^6\ \Phi_1^2$
104456	1508	1265	$\frac{10}{253}$	$\frac{1}{11}$	$\frac{243}{1265}$	$\frac{511}{1265}$	$\Phi_{1265}\ \Phi_{253}^2\ \Phi_{115}\ \Phi_{55}\ \Phi_{23}^2\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
104457	1508	630	$\frac{1}{63}$	$\frac{62}{315}$	$\frac{1}{5}$	$\frac{253}{630}$	$\Phi_{630}^4\ \Phi_{315}\ \Phi_{210}^4\ \Phi_{126}^4\ \Phi_{105}\ \Phi_{90}^4\ \Phi_{70}^4\ \Phi_{45}\ \Phi_{42}^4\ \Phi_{35}\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
104458	1508	1140	$\frac{3}{380}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{285}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{60}^2\ \Phi_{57}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
104459	1508	2544	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{2544}\ \Phi_{848}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}$
104460	1508	1233	$\frac{1}{137}$	$\frac{275}{1233}$	$\frac{136}{411}$	$\frac{479}{1233}$	$\Phi_{1233}\ \Phi_{411}^2\ \Phi_{137}\ \Phi_9\ \Phi_3^2\ \Phi_1^2$
104461	1508	548	$\frac{1}{137}$	$\frac{34}{137}$	$\frac{171}{548}$	$\frac{103}{274}$	$\Phi_{548}^4\ \Phi_{137}^3\ \Phi_4^4\ \Phi_1^4$
104462	1508	1812	$\frac{1}{151}$	$\frac{75}{302}$	$\frac{1}{3}$	$\frac{227}{604}$	$\Phi_{1812}^2\ \Phi_{453}\ \Phi_{12}^2$
104463	1508	564	$\frac{1}{188}$	$\frac{187}{564}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{564}^3\ \Phi_{282}^3\ \Phi_{188}^2\ \Phi_{141}^3\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
104464	1508	1140	$\frac{3}{380}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}^2\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}^2\ \Phi_{114}\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{60}\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{19}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
104465	1508	1410	$\frac{1}{94}$	$\frac{93}{470}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{470}^2\ \Phi_{235}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
104466	1508	885	$\frac{1}{59}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{885}^2\ \Phi_{295}^2\ \Phi_{177}$
104467	1508	384	$\frac{7}{384}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{384}^4\ \Phi_{192}^4\ \Phi_{128}^4\ \Phi_{96}^4\ \Phi_{64}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{24}^3\ \Phi_{16}^4\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
104468	1508	423	$\frac{1}{47}$	$\frac{46}{423}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{423}^4\ \Phi_{141}^3\ \Phi_{47}^2\ \Phi_9^4\ \Phi_3^4\ \Phi_1^4$
104469	1508	282	$\frac{3}{94}$	$\frac{7}{94}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{282}^4\ \Phi_{141}^4\ \Phi_{94}^8\ \Phi_{47}^8\ \Phi_6^4\ \Phi_3^5\ \Phi_2^8\ \Phi_1^{10}$
104470	1508	210	$\frac{1}{30}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^8\ \Phi_{105}^8\ \Phi_{70}^8\ \Phi_{42}^7\ \Phi_{35}^8\ \Phi_{30}^4\ \Phi_{21}^7\ \Phi_{15}^4\ \Phi_{14}^6\ \Phi_{10}^4\ \Phi_7^6\ \Phi_6^3\ \Phi_5^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
104471	1508	1125	$\frac{4}{375}$	$\frac{1}{5}$	$\frac{371}{1125}$	$\frac{1}{3}$	$\Phi_{1125}^2\ \Phi_{225}^2\ \Phi_{45}^2\ \Phi_{15}\ \Phi_9^2$
104472	1508	2394	$\frac{2}{57}$	$\frac{1}{14}$	$\frac{55}{171}$	$\frac{1}{3}$	$\Phi_{2394}\ \Phi_{1197}\ \Phi_{342}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_6$
104473	1508	378	$\frac{1}{27}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{126}^4\ \Phi_{63}^4\ \Phi_{54}^4\ \Phi_{42}^3\ \Phi_{27}^6\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_9^6\ \Phi_7^2\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
104474	1508	1062	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{1062}^2\ \Phi_{531}^2\ \Phi_{177}$
104475	1508	765	$\frac{11}{765}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^2\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{45}^2\ \Phi_{17}^2\ \Phi_{15}\ \Phi_9^2$
104476	1508	2832	$\frac{1}{59}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2832}\ \Phi_{1416}\ \Phi_{177}$
104477	1508	864	$\frac{1}{27}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{96}\ \Phi_{72}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
104478	1508	1500	$\frac{2}{125}$	$\frac{1}{5}$	$\frac{123}{500}$	$\frac{1}{3}$	$\Phi_{1500}^2\ \Phi_{750}^2\ \Phi_{300}^2\ \Phi_{150}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
104479	1508	345	$\frac{3}{115}$	$\frac{2}{15}$	$\frac{28}{115}$	$\frac{1}{3}$	$\Phi_{345}^4\ \Phi_{115}^5\ \Phi_{69}^4\ \Phi_{23}^5\ \Phi_{15}^5\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
104480	1508	798	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{9}{38}$	$\frac{1}{3}$	$\Phi_{798}^3\ \Phi_{399}^3\ \Phi_{114}\ \Phi_{57}^2\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_6^2\ \Phi_3^2$
104481	1508	1908	$\frac{1}{53}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{636}\ \Phi_{318}\ \Phi_{212}\ \Phi_{159}\ \Phi_{106}$
104482	1508	450	$\frac{2}{75}$	$\frac{73}{450}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{50}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_2^4$
104483	1508	2325	$\frac{21}{775}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2325}\ \Phi_{465}\ \Phi_{93}\ \Phi_{15}$
104484	1508	2625	$\frac{4}{125}$	$\frac{121}{875}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2625}\ \Phi_{525}\ \Phi_{105}\ \Phi_{21}\ \Phi_{15}$
104485	1508	30	$\frac{1}{30}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{30}^{52}\ \Phi_{15}^{49}\ \Phi_{10}^{52}\ \Phi_6^{52}\ \Phi_5^{48}\ \Phi_3^{48}\ \Phi_2^{52}\ \Phi_1^{48}$
104486	1508	825	$\frac{4}{75}$	$\frac{71}{825}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{15}\ \Phi_{11}^2$
104487	1508	1200	$\frac{23}{400}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{300}^2\ \Phi_{240}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
104488	1508	945	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
104489	1508	345	$\frac{1}{23}$	$\frac{2}{15}$	$\frac{11}{69}$	$\frac{1}{3}$	$\Phi_{345}^5\ \Phi_{115}^5\ \Phi_{69}^2\ \Phi_{23}\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^2\ \Phi_1^2$
104490	1508	2430	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{109}{486}$	$\frac{53}{162}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
104491	1508	2790	$\frac{5}{186}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{181}{558}$	$\Phi_{2790}\ \Phi_{1395}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
104492	1508	714	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{4}{17}$	$\frac{13}{42}$	$\Phi_{714}^3\ \Phi_{357}^3\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{17}^3\ \Phi_6^4\ \Phi_3^4\ \Phi_1^4$
104493	1508	210	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{210}^{13}\ \Phi_{105}^{13}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}^{13}\ \Phi_{15}^{13}\ \Phi_{10}$
104494	1508	1089	$\frac{28}{363}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{335}{1089}$	$\Phi_{1089}^2\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
104495	1508	495	$\frac{23}{495}$	$\frac{1}{11}$	$\frac{118}{495}$	$\frac{10}{33}$	$\Phi_{495}^3\ \Phi_{165}^3\ \Phi_{99}^3\ \Phi_{55}^3\ \Phi_{45}^3\ \Phi_{33}^4\ \Phi_{15}^3\ \Phi_{11}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
104496	1508	396	$\frac{19}{396}$	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^4\ \Phi_{99}^3\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{36}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{11}^3\ \Phi_9^3\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
104497	1508	891	$\frac{23}{297}$	$\frac{1}{11}$	$\frac{137}{891}$	$\frac{10}{33}$	$\Phi_{891}^2\ \Phi_{297}\ \Phi_{99}\ \Phi_{81}^2\ \Phi_{33}^2\ \Phi_{27}\ \Phi_{11}\ \Phi_9\ \Phi_3^2\ \Phi_1^2$
104498	1508	825	$\frac{71}{825}$	$\frac{1}{11}$	$\frac{23}{165}$	$\frac{10}{33}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}\ \Phi_{75}^2\ \Phi_{55}\ \Phi_{33}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{11}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
104499	1508	540	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{1}{5}$	$\frac{163}{540}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{90}\ \Phi_{54}^4\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}^4\ \Phi_{15}\ \Phi_{10}$
104500	1508	1890	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{19}{135}$	$\frac{8}{27}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}\ \Phi_{10}\ \Phi_6$
104501	1508	1134	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{81}$	$\Phi_{1134}^2\ \Phi_{567}^2\ \Phi_{162}^2\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_6$
104502	1508	2070	$\frac{3}{115}$	$\frac{1}{6}$	$\frac{28}{115}$	$\frac{5}{18}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{414}\ \Phi_{207}\ \Phi_{115}\ \Phi_{90}\ \Phi_{45}\ \Phi_{23}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
104503	1508	90	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{90}^{23}\ \Phi_{45}^{23}\ \Phi_{30}^4\ \Phi_{18}^{24}\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^{24}\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
104504	1508	414	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{414}^5\ \Phi_{207}^5\ \Phi_{69}^2\ \Phi_{23}\ \Phi_{18}^6\ \Phi_9^6\ \Phi_3^2\ \Phi_1^2$
104505	1508	546	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{10}{39}$	$\Phi_{546}^4\ \Phi_{273}^4\ \Phi_{182}\ \Phi_{91}\ \Phi_{78}^4\ \Phi_{42}^4\ \Phi_{26}\ \Phi_{21}^4\ \Phi_6^4$
104506	1508	2520	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{41}{168}$	$\frac{127}{504}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{360}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
104507	1508	1840	$\frac{3}{115}$	$\frac{3}{16}$	$\frac{28}{115}$	$\frac{1}{4}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{368}\ \Phi_{184}\ \Phi_{115}\ \Phi_{80}\ \Phi_{40}\ \Phi_{23}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{1}^2$
104508	1508	544	$\frac{1}{17}$	$\frac{3}{32}$	$\frac{4}{17}$	$\frac{1}{4}$	$\Phi_{544}^3\ \Phi_{272}^3\ \Phi_{136}^3\ \Phi_{32}^4\ \Phi_{17}^3\ \Phi_{16}^4\ \Phi_{8}^4\ \Phi_{1}^4$
104509	1508	240	$\frac{1}{30}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{80}^7\ \Phi_{48}^8\ \Phi_{40}^7\ \Phi_{30}^4\ \Phi_{24}^8\ \Phi_{16}^8\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_{8}^8\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
104510	1508	1120	$\frac{1}{14}$	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{280}^2\ \Phi_{160}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{10}$
104511	1508	1104	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1104}^2\ \Phi_{552}^2\ \Phi_{368}\ \Phi_{184}\ \Phi_{69}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{3}^2\ \Phi_{1}^2$
104512	1508	570	$\frac{1}{19}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{9}{38}$	$\Phi_{570}^4\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{114}^4\ \Phi_{95}\ \Phi_{57}^2\ \Phi_{38}^4\ \Phi_{30}^4\ \Phi_{19}^2\ \Phi_{15}^4\ \Phi_{10}^2\ \Phi_{6}^4\ \Phi_{5}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
104513	1508	2160	$\frac{1}{18}$	$\frac{55}{432}$	$\frac{1}{5}$	$\frac{17}{72}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{270}\ \Phi_{240}\ \Phi_{135}\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
104514	1508	595	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{4}{17}$	$\Phi_{595}^3\ \Phi_{85}^3\ \Phi_{35}^4\ \Phi_{17}^3\ \Phi_{5}^4\ \Phi_{1}^4$
104515	1508	252	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{7}{36}$	$\frac{2}{9}$	$\Phi_{252}^8\ \Phi_{126}^5\ \Phi_{84}^8\ \Phi_{63}^5\ \Phi_{42}^5\ \Phi_{36}^4\ \Phi_{28}^8\ \Phi_{21}^5\ \Phi_{18}\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{9}^4\ \Phi_{7}^4\ \Phi_{6}\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{1}^4$
104516	1508	33	$\frac{1}{11}$	$\frac{4}{33}$	$\frac{5}{33}$	$\frac{7}{33}$	$\Phi_{33}^{46}\ \Phi_{11}^{45}\ \Phi_{3}^{46}\ \Phi_{1}^{46}$
104517	1508	450	$\frac{1}{18}$	$\frac{73}{450}$	$\frac{17}{90}$	$\frac{1}{5}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{45}\ \Phi_{30}\ \Phi_{25}^4\ \Phi_{15}\ \Phi_{10}$
104518	1508	70	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{70}^{22}\ \Phi_{35}^{19}\ \Phi_{14}^{28}\ \Phi_{10}^{22}\ \Phi_{7}^{24}\ \Phi_{5}^{18}\ \Phi_{2}^{28}\ \Phi_{1}^{24}$
104519	1509	3008	$\frac{5}{1504}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1499}{3008}$	$\Phi_{3008}\ \Phi_{64}\ \Phi_{8}\ \Phi_{1}$
104520	1509	2004	$\frac{2}{501}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{499}{1002}$	$\Phi_{2004}\ \Phi_{668}\ \Phi_{501}\ \Phi_{167}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
104521	1509	672	$\frac{1}{168}$	$\frac{1}{4}$	$\frac{169}{672}$	$\frac{167}{336}$	$\Phi_{672}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{7}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
104522	1509	1000	$\frac{3}{500}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{497}{1000}$	$\Phi_{1000}^3\ \Phi_{200}^3\ \Phi_{40}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
104523	1509	928	$\frac{1}{116}$	$\frac{39}{464}$	$\frac{425}{928}$	$\frac{115}{232}$	$\Phi_{928}^3\ \Phi_{232}\ \Phi_{32}^3\ \Phi_{8}\ \Phi_{1}$
104524	1509	696	$\frac{1}{116}$	$\frac{39}{232}$	$\frac{193}{696}$	$\frac{115}{232}$	$\Phi_{696}^3\ \Phi_{348}^3\ \Phi_{232}\ \Phi_{174}^3\ \Phi_{87}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{8}\ \Phi_{6}^3\ \Phi_{3}^3\ \Phi_{1}$
104525	1509	1856	$\frac{1}{116}$	$\frac{347}{1856}$	$\frac{117}{464}$	$\frac{115}{232}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{232}\ \Phi_{64}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
104526	1509	996	$\frac{5}{498}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{493}{996}$	$\Phi_{996}\ \Phi_{498}^2\ \Phi_{332}\ \Phi_{249}^2\ \Phi_{166}^2\ \Phi_{83}^2\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
104527	1509	1988	$\frac{6}{497}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{491}{994}$	$\Phi_{1988}\ \Phi_{497}\ \Phi_{284}\ \Phi_{71}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
104528	1509	576	$\frac{1}{72}$	$\frac{73}{576}$	$\frac{1}{4}$	$\frac{71}{144}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{64}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{9}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
104529	1509	992	$\frac{7}{496}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{489}{992}$	$\Phi_{992}^3\ \Phi_{32}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
104530	1509	1980	$\frac{8}{495}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{487}{990}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{99}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
104531	1509	2968	$\frac{25}{1484}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1459}{2968}$	$\Phi_{2968}\ \Phi_{424}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
104532	1509	560	$\frac{1}{56}$	$\frac{57}{560}$	$\frac{1}{4}$	$\frac{55}{112}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_{8}^3\ \Phi_{7}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
104533	1509	988	$\frac{9}{494}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{485}{988}$	$\Phi_{988}^3\ \Phi_{76}^3\ \Phi_{52}^3\ \Phi_{13}^2\ \Phi_{4}^3\ \Phi_{1}^3$
104534	1509	2912	$\frac{1}{52}$	$\frac{53}{1456}$	$\frac{1403}{2912}$	$\frac{51}{104}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{224}\ \Phi_{104}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
104535	1509	728	$\frac{1}{52}$	$\frac{53}{728}$	$\frac{225}{728}$	$\frac{51}{104}$	$\Phi_{728}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{104}^3\ \Phi_{91}^2\ \Phi_{56}^2\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
104536	1509	1664	$\frac{1}{52}$	$\frac{155}{1664}$	$\frac{53}{208}$	$\frac{51}{104}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{128}\ \Phi_{104}\ \Phi_{64}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
104537	1509	984	$\frac{11}{492}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{481}{984}$	$\Phi_{984}^3\ \Phi_{328}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
104538	1509	676	$\frac{4}{169}$	$\frac{1}{13}$	$\frac{173}{676}$	$\frac{165}{338}$	$\Phi_{676}^3\ \Phi_{169}^3\ \Phi_{52}^3\ \Phi_{13}^2\ \Phi_{4}^3\ \Phi_{1}^3$
104539	1509	980	$\frac{13}{490}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{477}{980}$	$\Phi_{980}\ \Phi_{490}^2\ \Phi_{245}^2\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{20}\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_{7}^3\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
104540	1509	972	$\frac{17}{486}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{469}{972}$	$\Phi_{972}\ \Phi_{486}^2\ \Phi_{324}\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{108}\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{9}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
104541	1509	2912	$\frac{53}{1456}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{1403}{2912}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{224}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
104542	1509	1932	$\frac{20}{483}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{463}{966}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{483}\ \Phi_{276}\ \Phi_{161}\ \Phi_{92}\ \Phi_{84}^2\ \Phi_{69}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{23}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
104543	1509	528	$\frac{1}{24}$	$\frac{25}{528}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^3\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
104544	1509	960	$\frac{1}{24}$	$\frac{23}{480}$	$\frac{1}{4}$	$\frac{457}{960}$	$\Phi_{960}^3\ \Phi_{320}^3\ \Phi_{192}^3\ \Phi_{64}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
104545	1509	1568	$\frac{59}{1568}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{224}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
104546	1509	952	$\frac{1}{28}$	$\frac{27}{476}$	$\frac{1}{4}$	$\frac{449}{952}$	$\Phi_{952}^3\ \Phi_{136}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{8}^3\ \Phi_{7}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
104547	1509	1690	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{181}{1690}$	$\frac{157}{338}$	$\Phi_{1690}\ \Phi_{845}\ \Phi_{169}\ \Phi_{130}\ \Phi_{65}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
104548	1509	936	$\frac{1}{52}$	$\frac{35}{468}$	$\frac{17}{52}$	$\frac{433}{936}$	$\Phi_{936}^3\ \Phi_{312}^3\ \Phi_{104}^3\ \Phi_{72}^3\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{24}^3\ \Phi_{13}^2\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
104549	1509	936	$\frac{1}{36}$	$\frac{35}{468}$	$\frac{1}{4}$	$\frac{433}{936}$	$\Phi_{936}^3\ \Phi_{312}^3\ \Phi_{104}^3\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{9}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
104550	1509	936	$\frac{35}{468}$	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{433}{936}$	$\Phi_{936}^3\ \Phi_{312}^3\ \Phi_{104}^3\ \Phi_{72}^3\ \Phi_{39}^3\ \Phi_{24}^3\ \Phi_{13}^2\ \Phi_{8}^3\ \Phi_{3}^3\ \Phi_{1}^3$
104551	1509	928	$\frac{1}{58}$	$\frac{39}{464}$	$\frac{19}{58}$	$\frac{425}{928}$	$\Phi_{928}^3\ \Phi_{58}^2\ \Phi_{32}^3\ \Phi_{29}^2\ \Phi_{2}^2\ \Phi_{1}^3$
104552	1509	924	$\frac{1}{42}$	$\frac{41}{462}$	$\frac{1}{4}$	$\frac{421}{924}$	$\Phi_{924}\ \Phi_{462}^2\ \Phi_{308}\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}\ \Phi_{84}^3\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{42}^3\ \Phi_{33}^2\ \Phi_{28}^3\ \Phi_{22}^2\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_{7}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
104553	1509	2080	$\frac{1}{52}$	$\frac{51}{520}$	$\frac{571}{2080}$	$\frac{469}{1040}$	$\Phi_{2080}\ \Phi_{520}\ \Phi_{416}\ \Phi_{260}\ \Phi_{160}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
104554	1509	546	$\frac{1}{13}$	$\frac{43}{546}$	$\frac{4}{39}$	$\frac{35}{78}$	$\Phi_{546}^3\ \Phi_{273}^3\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{42}^3\ \Phi_{39}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{13}^2\ \Phi_{7}^3\ \Phi_{3}^3\ \Phi_{1}^3$
104555	1509	696	$\frac{1}{58}$	$\frac{19}{174}$	$\frac{193}{696}$	$\frac{155}{348}$	$\Phi_{696}^3\ \Phi_{232}^3\ \Phi_{174}^3\ \Phi_{87}^3\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{24}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
104556	1509	2704	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{157}{1352}$	$\frac{1195}{2704}$	$\Phi_{2704}\ \Phi_{208}\ \Phi_{169}\ \Phi_{16}\ \Phi_{1}$
104557	1509	896	$\frac{1}{56}$	$\frac{55}{448}$	$\frac{1}{4}$	$\frac{393}{896}$	$\Phi_{896}^3\ \Phi_{128}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{8}^3\ \Phi_{7}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
104558	1509	512	$\frac{9}{512}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{512}^3\ \Phi_{256}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
104559	1509	1764	$\frac{1}{63}$	$\frac{62}{441}$	$\frac{1}{4}$	$\frac{379}{882}$	$\Phi_{1764}\ \Phi_{588}\ \Phi_{441}\ \Phi_{252}^2\ \Phi_{196}\ \Phi_{147}\ \Phi_{126}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{49}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
104560	1509	2600	$\frac{1}{52}$	$\frac{209}{1300}$	$\frac{51}{260}$	$\frac{1091}{2600}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{260}\ \Phi_{200}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
104561	1509	624	$\frac{1}{52}$	$\frac{17}{104}$	$\frac{121}{624}$	$\frac{87}{208}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{78}^3\ \Phi_{52}^2\ \Phi_{48}^3\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{24}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
104562	1509	864	$\frac{1}{72}$	$\frac{71}{432}$	$\frac{1}{4}$	$\frac{361}{864}$	$\Phi_{864}^3\ \Phi_{288}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{9}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
104563	1509	840	$\frac{1}{84}$	$\frac{83}{420}$	$\frac{1}{4}$	$\frac{337}{840}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{40}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{7}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
104564	1509	832	$\frac{1}{52}$	$\frac{17}{104}$	$\frac{87}{416}$	$\frac{329}{832}$	$\Phi_{832}^3\ \Phi_{104}^3\ \Phi_{64}^3\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
104565	1509	752	$\frac{5}{752}$	$\frac{1}{4}$	$\frac{249}{752}$	$\frac{3}{8}$	$\Phi_{752}^2\ \Phi_{376}^2\ \Phi_{188}^2\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{16}^2\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
104566	1509	1520	$\frac{11}{1520}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{304}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{80}\ \Phi_{76}\ \Phi_{40}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
104567	1509	1880	$\frac{5}{376}$	$\frac{371}{1880}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{470}\ \Phi_{235}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
104568	1509	512	$\frac{9}{512}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{512}^3\ \Phi_{256}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
104569	1509	520	$\frac{17}{520}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{520}^3\ \Phi_{260}^3\ \Phi_{130}^3\ \Phi_{104}^3\ \Phi_{65}^3\ \Phi_{52}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{13}^2\ \Phi_{10}^3\ \Phi_{8}^3\ \Phi_{5}^3\ \Phi_{4}^3\ \Phi_{1}^3$
104570	1509	580	$\frac{1}{58}$	$\frac{77}{580}$	$\frac{19}{58}$	$\frac{39}{116}$	$\Phi_{580}^3\ \Phi_{290}^3\ \Phi_{145}^3\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_{5}^3\ \Phi_{2}^2\ \Phi_{1}^3$
104571	1509	756	$\frac{1}{126}$	$\frac{1}{4}$	$\frac{125}{378}$	$\frac{253}{756}$	$\Phi_{756}\ \Phi_{378}^2\ \Phi_{252}^3\ \Phi_{189}^2\ \Phi_{126}^3\ \Phi_{108}\ \Phi_{84}^3\ \Phi_{63}^3\ \Phi_{54}^2\ \Phi_{42}^3\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{27}^2\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{9}^3\ \Phi_{7}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
104572	1509	648	$\frac{1}{72}$	$\frac{145}{648}$	$\frac{1}{4}$	$\frac{71}{216}$	$\Phi_{648}^3\ \Phi_{324}^3\ \Phi_{162}^3\ \Phi_{81}^3\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{9}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
104573	1509	696	$\frac{1}{58}$	$\frac{39}{232}$	$\frac{193}{696}$	$\frac{19}{58}$	$\Phi_{696}^3\ \Phi_{348}^3\ \Phi_{174}^3\ \Phi_{87}^3\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
104574	1509	624	$\frac{1}{52}$	$\frac{121}{624}$	$\frac{35}{156}$	$\frac{17}{52}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{104}^3\ \Phi_{52}^2\ \Phi_{48}^3\ \Phi_{26}^2\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
104575	1509	744	$\frac{7}{248}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{241}{744}$	$\Phi_{744}^3\ \Phi_{372}^3\ \Phi_{186}^3\ \Phi_{93}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
104576	1509	741	$\frac{9}{247}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{238}{741}$	$\Phi_{741}^3\ \Phi_{57}^3\ \Phi_{39}^3\ \Phi_{13}^2\ \Phi_3^3\ \Phi_1^3$
104577	1509	540	$\frac{1}{18}$	$\frac{37}{540}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{27}^2\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
104578	1509	728	$\frac{3}{56}$	$\frac{53}{728}$	$\frac{1}{4}$	$\frac{225}{728}$	$\Phi_{728}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{104}^2\ \Phi_{91}^2\ \Phi_{56}^3\ \Phi_{52}^2\ \Phi_{28}^3\ \Phi_{26}^2\ \Phi_{14}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
104579	1509	720	$\frac{1}{24}$	$\frac{23}{240}$	$\frac{1}{4}$	$\frac{217}{720}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
104580	1509	585	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{82}{585}$	$\frac{35}{117}$	$\Phi_{585}^3\ \Phi_{195}^3\ \Phi_{65}^3\ \Phi_{45}^3\ \Phi_{39}^3\ \Phi_{15}^3\ \Phi_{13}^2\ \Phi_5^3\ \Phi_3^3\ \Phi_1^3$
104581	1509	702	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{35}{234}$	$\frac{199}{702}$	$\Phi_{702}^3\ \Phi_{351}^3\ \Phi_{54}^3\ \Phi_{39}^3\ \Phi_{27}^3\ \Phi_{13}^2\ \Phi_3^3\ \Phi_1^3$
104582	1509	676	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{157}{676}$	$\frac{173}{676}$	$\Phi_{676}^2\ \Phi_{338}^2\ \Phi_{169}^3\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
104583	1509	672	$\frac{1}{56}$	$\frac{55}{224}$	$\frac{1}{4}$	$\frac{169}{672}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{168}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
104584	1509	600	$\frac{3}{100}$	$\frac{97}{600}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
104585	1509	520	$\frac{17}{520}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{520}^3\ \Phi_{260}^3\ \Phi_{130}^3\ \Phi_{104}^3\ \Phi_{65}^3\ \Phi_{52}^3\ \Phi_{40}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
104586	1509	576	$\frac{1}{24}$	$\frac{73}{576}$	$\frac{23}{96}$	$\frac{1}{4}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{72}^3\ \Phi_{64}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
104587	1509	648	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{145}{648}$	$\frac{1}{4}$	$\Phi_{648}^3\ \Phi_{324}\ \Phi_{216}^3\ \Phi_{162}^2\ \Phi_{108}\ \Phi_{81}^2\ \Phi_{72}^3\ \Phi_{54}^2\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
104588	1509	600	$\frac{1}{24}$	$\frac{97}{600}$	$\frac{23}{120}$	$\frac{1}{4}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
104589	1509	560	$\frac{1}{14}$	$\frac{57}{560}$	$\frac{13}{70}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
104590	1509	540	$\frac{37}{540}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^2\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^3\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{27}^3\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
104591	1509	1188	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{594}$	$\frac{1}{4}$	$\Phi_{1188}^2\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{132}\ \Phi_{108}^2\ \Phi_{99}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
104592	1509	588	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{85}{588}$	$\frac{1}{4}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{196}\ \Phi_{147}^3\ \Phi_{98}^2\ \Phi_{84}^3\ \Phi_{49}^2\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
104593	1509	624	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{121}{624}$	$\frac{35}{156}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{104}^3\ \Phi_{48}^3\ \Phi_{39}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_3^3\ \Phi_1^3$
104594	1510	1506	$\frac{2}{753}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{751}{1506}$	$\Phi_{1506}^2\ \Phi_{502}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
104595	1510	2408	$\frac{1}{301}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{150}{301}$	$\Phi_{2408}\ \Phi_{344}\ \Phi_{301}\ \Phi_{56}\ \Phi_{43}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
104596	1510	1008	$\frac{1}{252}$	$\frac{253}{1008}$	$\frac{1}{3}$	$\frac{251}{504}$	$\Phi_{1008}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
104597	1510	4512	$\frac{3}{752}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{749}{1504}$	$\Phi_{4512}\ \Phi_{96}\ \Phi_{12}\ \Phi_6$
104598	1510	1503	$\frac{7}{1503}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{748}{1503}$	$\Phi_{1503}\ \Phi_{501}\ \Phi_{167}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
104599	1510	900	$\frac{1}{150}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{149}{300}$	$\Phi_{900}^3\ \Phi_{300}^4\ \Phi_{180}^3\ \Phi_{100}^4\ \Phi_{60}^4\ \Phi_{36}^3\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_9\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
104600	1510	300	$\frac{1}{150}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{149}{300}$	$\Phi_{300}^{10}\ \Phi_{100}^{10}\ \Phi_{60}^{10}\ \Phi_{20}^{10}\ \Phi_{12}^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
104601	1510	4494	$\frac{6}{749}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{743}{1498}$	$\Phi_{4494}\ \Phi_{642}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
104602	1510	864	$\frac{1}{108}$	$\frac{109}{864}$	$\frac{1}{3}$	$\frac{107}{216}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
104603	1510	606	$\frac{1}{101}$	$\frac{1}{6}$	$\frac{51}{202}$	$\frac{50}{101}$	$\Phi_{606}^3\ \Phi_{303}^3\ \Phi_{202}\ \Phi_{101}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
104604	1510	1494	$\frac{8}{747}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{739}{1494}$	$\Phi_{1494}^2\ \Phi_{498}^2\ \Phi_{166}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
104605	1510	168	$\frac{1}{84}$	$\frac{17}{168}$	$\frac{1}{3}$	$\frac{83}{168}$	$\Phi_{168}^{8}\,\Phi_{84}^{10}\,\Phi_{56}^{8}\,\Phi_{42}^{10}\,\Phi_{28}^{10}\,\Phi_{24}^{8}\,\Phi_{21}^{10}\,\Phi_{14}^{10}\,\Phi_{12}^{10}\,\Phi_{8}^{8}\,\Phi_{7}^{10}\,\Phi_{6}^{10}\,\Phi_{4}^{10}\,\Phi_{3}^{9}\,\Phi_{2}^{10}\,\Phi_{1}^{10}$
104606	1510	1491	$\frac{19}{1491}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{736}{1491}$	$\Phi_{1491}\,\Phi_{497}\,\Phi_{213}\,\Phi_{71}\,\Phi_{21}^{2}\,\Phi_{7}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
104607	1510	1488	$\frac{11}{744}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{733}{1488}$	$\Phi_{1488}^{2}\,\Phi_{496}^{2}\,\Phi_{48}^{2}\,\Phi_{16}^{2}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
104608	1510	297	$\frac{5}{297}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{146}{297}$	$\Phi_{297}^{5}\,\Phi_{99}^{5}\,\Phi_{33}^{5}\,\Phi_{27}^{6}\,\Phi_{11}^{5}\,\Phi_{9}^{6}\,\Phi_{3}^{5}\,\Phi_{1}^{6}$
104609	1510	4452	$\frac{13}{742}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{729}{1484}$	$\Phi_{4452}\,\Phi_{636}\,\Phi_{84}\,\Phi_{42}\,\Phi_{21}\,\Phi_{12}\,\Phi_{6}$
104610	1510	3256	$\frac{3}{148}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{145}{296}$	$\Phi_{3256}\,\Phi_{88}\,\Phi_{44}\,\Phi_{22}$
104611	1510	1476	$\frac{17}{738}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{721}{1476}$	$\Phi_{1476}^{2}\,\Phi_{492}^{2}\,\Phi_{164}^{2}\,\Phi_{36}^{2}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
104612	1510	294	$\frac{4}{147}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{143}{294}$	$\Phi_{294}^{10}\,\Phi_{98}^{10}\,\Phi_{42}^{10}\,\Phi_{21}^{2}\,\Phi_{14}^{10}\,\Phi_{7}^{2}\,\Phi_{6}^{10}\,\Phi_{3}\,\Phi_{2}^{10}\,\Phi_{1}^{2}$
104613	1510	792	$\frac{1}{36}$	$\frac{37}{792}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{792}^{2}\,\Phi_{396}^{2}\,\Phi_{264}^{2}\,\Phi_{198}^{2}\,\Phi_{132}^{2}\,\Phi_{99}^{2}\,\Phi_{88}^{2}\,\Phi_{66}^{2}\,\Phi_{44}^{2}\,\Phi_{36}^{2}\,\Phi_{33}^{2}\,\Phi_{22}^{2}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{11}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
104614	1510	1458	$\frac{26}{729}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{703}{1458}$	$\Phi_{1458}^{2}\,\Phi_{486}^{2}\,\Phi_{162}^{2}\,\Phi_{54}^{2}\,\Phi_{27}^{2}\,\Phi_{18}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
104615	1510	2352	$\frac{1}{28}$	$\frac{29}{784}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{2352}\,\Phi_{1176}\,\Phi_{588}\,\Phi_{336}\,\Phi_{294}\,\Phi_{147}\,\Phi_{84}\,\Phi_{48}\,\Phi_{42}\,\Phi_{21}\,\Phi_{12}\,\Phi_{6}$
104616	1510	4368	$\frac{1}{28}$	$\frac{27}{728}$	$\frac{1}{3}$	$\frac{701}{1456}$	$\Phi_{4368}\,\Phi_{624}\,\Phi_{336}\,\Phi_{84}\,\Phi_{48}\,\Phi_{42}\,\Phi_{21}\,\Phi_{12}\,\Phi_{6}$
104617	1510	1449	$\frac{2}{63}$	$\frac{61}{1449}$	$\frac{1}{3}$	$\frac{694}{1449}$	$\Phi_{1449}\,\Phi_{483}\,\Phi_{207}\,\Phi_{161}\,\Phi_{69}\,\Phi_{63}^{2}\,\Phi_{23}\,\Phi_{21}^{2}\,\Phi_{9}^{2}\,\Phi_{7}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
104618	1510	288	$\frac{1}{36}$	$\frac{7}{144}$	$\frac{1}{3}$	$\frac{137}{288}$	$\Phi_{288}^{10}\,\Phi_{96}^{10}\,\Phi_{36}^{2}\,\Phi_{32}^{10}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
104619	1510	3168	$\frac{7}{144}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{137}{288}$	$\Phi_{3168}\,\Phi_{1056}\,\Phi_{352}\,\Phi_{88}\,\Phi_{44}\,\Phi_{22}$
104620	1510	1428	$\frac{1}{42}$	$\frac{41}{714}$	$\frac{1}{3}$	$\frac{673}{1428}$	$\Phi_{1428}^{2}\,\Phi_{476}^{2}\,\Phi_{204}^{2}\,\Phi_{84}^{2}\,\Phi_{68}^{2}\,\Phi_{42}^{2}\,\Phi_{28}^{2}\,\Phi_{21}^{2}\,\Phi_{14}^{2}\,\Phi_{12}^{2}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
104621	1510	1404	$\frac{1}{54}$	$\frac{53}{702}$	$\frac{1}{3}$	$\frac{649}{1404}$	$\Phi_{1404}^{2}\,\Phi_{468}^{2}\,\Phi_{156}^{2}\,\Phi_{108}^{2}\,\Phi_{54}^{2}\,\Phi_{52}^{2}\,\Phi_{36}^{2}\,\Phi_{27}^{2}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
104622	1510	768	$\frac{13}{768}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{768}^{2}\,\Phi_{384}^{2}\,\Phi_{256}^{2}\,\Phi_{192}^{2}\,\Phi_{128}^{2}\,\Phi_{96}^{2}\,\Phi_{64}^{2}\,\Phi_{48}^{2}\,\Phi_{32}^{2}\,\Phi_{16}^{2}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
104623	1510	1386	$\frac{1}{63}$	$\frac{62}{693}$	$\frac{1}{3}$	$\frac{631}{1386}$	$\Phi_{1386}^{2}\,\Phi_{462}^{2}\,\Phi_{198}^{2}\,\Phi_{154}^{2}\,\Phi_{126}^{2}\,\Phi_{66}^{2}\,\Phi_{63}^{2}\,\Phi_{42}^{2}\,\Phi_{22}^{2}\,\Phi_{21}^{2}\,\Phi_{18}^{2}\,\Phi_{14}^{2}\,\Phi_{9}^{2}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
104624	1510	153	$\frac{2}{153}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{153}^{10}\,\Phi_{51}^{10}\,\Phi_{17}^{10}\,\Phi_{9}^{8}\,\Phi_{3}^{7}\,\Phi_{1}^{8}$
104625	1510	225	$\frac{1}{75}$	$\frac{1}{9}$	$\frac{74}{225}$	$\frac{4}{9}$	$\Phi_{225}^{7}\,\Phi_{75}^{6}\,\Phi_{45}^{7}\,\Phi_{25}^{6}\,\Phi_{15}^{6}\,\Phi_{9}^{8}\,\Phi_{5}^{6}\,\Phi_{3}^{7}\,\Phi_{1}^{8}$
104626	1510	1800	$\frac{1}{50}$	$\frac{1}{9}$	$\frac{49}{200}$	$\frac{4}{9}$	$\Phi_{1800}\,\Phi_{900}\,\Phi_{600}\,\Phi_{360}\,\Phi_{300}\,\Phi_{200}^{2}\,\Phi_{180}\,\Phi_{120}\,\Phi_{100}^{2}\,\Phi_{72}\,\Phi_{60}\,\Phi_{40}^{2}\,\Phi_{36}\,\Phi_{24}\,\Phi_{20}^{2}\,\Phi_{12}\,\Phi_{9}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
104627	1510	1395	$\frac{4}{155}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{1395}\,\Phi_{465}\,\Phi_{279}\,\Phi_{155}^{2}\,\Phi_{93}\,\Phi_{31}^{2}\,\Phi_{9}\,\Phi_{3}\,\Phi_{1}^{2}$
104628	1510	468	$\frac{5}{156}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{468}^{3}\,\Phi_{234}^{3}\,\Phi_{156}^{4}\,\Phi_{117}^{3}\,\Phi_{78}^{4}\,\Phi_{52}^{4}\,\Phi_{39}^{4}\,\Phi_{36}^{3}\,\Phi_{26}^{4}\,\Phi_{13}^{4}\,\Phi_{12}^{4}\,\Phi_{9}\,\Phi_{4}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
104629	1510	180	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{29}{180}$	$\frac{4}{9}$	$\Phi_{180}^{10}\,\Phi_{90}^{7}\,\Phi_{60}^{10}\,\Phi_{45}^{7}\,\Phi_{36}^{10}\,\Phi_{30}^{6}\,\Phi_{20}^{10}\,\Phi_{18}^{7}\,\Phi_{15}^{6}\,\Phi_{12}^{10}\,\Phi_{10}^{6}\,\Phi_{9}^{8}\,\Phi_{6}^{6}\,\Phi_{5}^{6}\,\Phi_{4}^{10}\,\Phi_{3}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{8}$
104630	1510	1575	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{24}{175}$	$\frac{4}{9}$	$\Phi_{1575}\,\Phi_{525}\,\Phi_{315}\,\Phi_{175}^{2}\,\Phi_{105}\,\Phi_{63}\,\Phi_{35}^{2}\,\Phi_{21}\,\Phi_{9}\,\Phi_{7}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
104631	1510	1440	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1440}\,\Phi_{720}\,\Phi_{480}\,\Phi_{360}\,\Phi_{288}\,\Phi_{240}\,\Phi_{180}\,\Phi_{160}^{2}\,\Phi_{144}\,\Phi_{120}\,\Phi_{96}\,\Phi_{80}^{2}\,\Phi_{72}\,\Phi_{60}\,\Phi_{48}\,\Phi_{40}^{2}\,\Phi_{36}\,\Phi_{32}^{2}\,\Phi_{24}\,\Phi_{20}^{2}\,\Phi_{16}^{2}\,\Phi_{12}\,\Phi_{9}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
104632	1510	495	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{495}^{3}\,\Phi_{165}^{4}\,\Phi_{99}^{3}\,\Phi_{55}^{4}\,\Phi_{33}^{4}\,\Phi_{11}^{4}\,\Phi_{9}\,\Phi_{3}\,\Phi_{1}^{2}$
104633	1510	1344	$\frac{1}{84}$	$\frac{83}{672}$	$\frac{1}{3}$	$\frac{589}{1344}$	$\Phi_{1344}^{2}\,\Phi_{448}^{2}\,\Phi_{192}^{2}\,\Phi_{84}^{2}\,\Phi_{64}^{2}\,\Phi_{42}^{2}\,\Phi_{28}^{2}\,\Phi_{21}^{2}\,\Phi_{14}^{2}\,\Phi_{12}^{2}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
104634	1510	1760	$\frac{9}{160}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1760}\,\Phi_{880}\,\Phi_{440}\,\Phi_{352}\,\Phi_{220}\,\Phi_{110}\,\Phi_{88}\,\Phi_{55}\,\Phi_{44}\,\Phi_{22}$
104635	1510	2926	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{18}{133}$	$\frac{115}{266}$	$\Phi_{2926}\,\Phi_{418}\,\Phi_{209}\,\Phi_{154}\,\Phi_{22}$
104636	1510	1323	$\frac{2}{189}$	$\frac{187}{1323}$	$\frac{1}{3}$	$\frac{568}{1323}$	$\Phi_{1323}\,\Phi_{441}\,\Phi_{189}^{2}\,\Phi_{147}\,\Phi_{63}^{2}\,\Phi_{49}\,\Phi_{27}^{2}\,\Phi_{21}^{2}\,\Phi_{9}^{2}\,\Phi_{7}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
104637	1510	1296	$\frac{1}{108}$	$\frac{107}{648}$	$\frac{1}{3}$	$\frac{541}{1296}$	$\Phi_{1296}^{2}\,\Phi_{432}^{2}\,\Phi_{144}^{2}\,\Phi_{108}^{2}\,\Phi_{54}^{2}\,\Phi_{48}^{2}\,\Phi_{36}^{2}\,\Phi_{27}^{2}\,\Phi_{18}^{2}\,\Phi_{16}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
104638	1510	252	$\frac{1}{126}$	$\frac{25}{126}$	$\frac{1}{3}$	$\frac{101}{252}$	$\Phi_{252}^{10}\ \Phi_{126}^{2}\ \Phi_{84}^{10}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{10}\ \Phi_{28}^{10}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{10}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104639	1510	456	$\frac{1}{152}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{456}^{5}\ \Phi_{228}^{5}\ \Phi_{114}^{5}\ \Phi_{57}^{5}\ \Phi_{24}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
104640	1510	616	$\frac{3}{154}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}^{4}\ \Phi_{154}^{2}\ \Phi_{88}^{4}\ \Phi_{77}^{2}\ \Phi_{56}^{3}\ \Phi_{22}^{2}\ \Phi_{14}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{4}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104641	1510	344	$\frac{1}{43}$	$\frac{21}{172}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{344}^{7}\ \Phi_{172}^{2}\ \Phi_{86}^{2}\ \Phi_{43}\ \Phi_{8}^{8}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104642	1510	2508	$\frac{1}{38}$	$\frac{1}{11}$	$\frac{37}{114}$	$\frac{77}{228}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{418}\ \Phi_{209}\ \Phi_{132}\ \Phi_{44}\ \Phi_{22}$
104643	1510	1134	$\frac{1}{189}$	$\frac{188}{567}$	$\frac{1}{3}$	$\frac{379}{1134}$	$\Phi_{1134}^{2}\ \Phi_{378}^{2}\ \Phi_{189}^{2}\ \Phi_{162}^{2}\ \Phi_{126}^{2}\ \Phi_{63}^{2}\ \Phi_{54}^{2}\ \Phi_{42}^{2}\ \Phi_{27}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104644	1510	306	$\frac{2}{153}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{306}^{6}\ \Phi_{153}^{4}\ \Phi_{102}^{6}\ \Phi_{51}^{4}\ \Phi_{34}^{6}\ \Phi_{18}^{6}\ \Phi_{17}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104645	1510	1128	$\frac{3}{376}$	$\frac{1}{4}$	$\frac{373}{1128}$	$\frac{1}{3}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{376}^{2}\ \Phi_{282}\ \Phi_{188}^{2}\ \Phi_{141}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{24}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104646	1510	972	$\frac{1}{108}$	$\frac{217}{972}$	$\frac{107}{324}$	$\frac{1}{3}$	$\Phi_{972}^{2}\ \Phi_{486}^{2}\ \Phi_{243}^{2}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104647	1510	450	$\frac{1}{75}$	$\frac{1}{6}$	$\frac{74}{225}$	$\frac{1}{3}$	$\Phi_{450}^{6}\ \Phi_{225}^{4}\ \Phi_{90}^{6}\ \Phi_{45}^{4}\ \Phi_{18}^{6}\ \Phi_{9}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104648	1510	1116	$\frac{11}{372}$	$\frac{1}{12}$	$\frac{361}{1116}$	$\frac{1}{3}$	$\Phi_{1116}^{2}\ \Phi_{558}^{2}\ \Phi_{279}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104649	1510	162	$\frac{1}{27}$	$\frac{11}{162}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{162}^{10}\ \Phi_{81}^{8}\ \Phi_{54}^{10}\ \Phi_{27}^{10}\ \Phi_{18}^{10}\ \Phi_{9}^{10}\ \Phi_{6}^{10}\ \Phi_{3}^{9}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
104650	1510	1092	$\frac{1}{28}$	$\frac{27}{364}$	$\frac{337}{1092}$	$\frac{1}{3}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}^{2}\ \Phi_{273}\ \Phi_{182}^{2}\ \Phi_{156}\ \Phi_{91}^{2}\ \Phi_{84}^{2}\ \Phi_{78}\ \Phi_{52}^{2}\ \Phi_{42}^{2}\ \Phi_{39}\ \Phi_{28}^{2}\ \Phi_{26}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{13}^{2}\ \Phi_{12}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104651	1510	216	$\frac{1}{36}$	$\frac{7}{72}$	$\frac{65}{216}$	$\frac{1}{3}$	$\Phi_{216}^{10}\ \Phi_{108}^{10}\ \Phi_{54}^{10}\ \Phi_{36}^{2}\ \Phi_{27}^{10}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104652	1510	462	$\frac{3}{154}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{462}^{5}\ \Phi_{231}^{5}\ \Phi_{66}^{5}\ \Phi_{42}^{5}\ \Phi_{33}^{5}\ \Phi_{21}^{3}\ \Phi_{6}^{5}\ \Phi_{3}^{2}$
104653	1510	1008	$\frac{1}{84}$	$\frac{83}{336}$	$\frac{253}{1008}$	$\frac{1}{3}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{144}^{2}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104654	1510	564	$\frac{3}{188}$	$\frac{37}{188}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{564}^{4}\ \Phi_{282}^{4}\ \Phi_{141}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
104655	1510	768	$\frac{13}{768}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{768}^{2}\ \Phi_{384}^{2}\ \Phi_{256}^{2}\ \Phi_{192}^{2}\ \Phi_{128}^{2}\ \Phi_{96}^{2}\ \Phi_{64}^{2}\ \Phi_{48}\ \Phi_{32}^{2}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104656	1510	600	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{49}{200}$	$\frac{1}{3}$	$\Phi_{600}^{3}\ \Phi_{300}^{3}\ \Phi_{200}^{4}\ \Phi_{120}^{3}\ \Phi_{100}^{4}\ \Phi_{60}^{3}\ \Phi_{40}^{4}\ \Phi_{24}^{3}\ \Phi_{20}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104657	1510	864	$\frac{1}{36}$	$\frac{109}{864}$	$\frac{35}{144}$	$\frac{1}{3}$	$\Phi_{864}^{2}\ \Phi_{432}^{2}\ \Phi_{288}^{2}\ \Phi_{216}^{2}\ \Phi_{108}^{2}\ \Phi_{96}^{2}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{32}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104658	1510	972	$\frac{1}{27}$	$\frac{26}{243}$	$\frac{217}{972}$	$\frac{1}{3}$	$\Phi_{972}^{2}\ \Phi_{486}^{2}\ \Phi_{324}^{2}\ \Phi_{162}^{2}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104659	1510	189	$\frac{4}{189}$	$\frac{37}{189}$	$\frac{38}{189}$	$\frac{1}{3}$	$\Phi_{189}^{8}\ \Phi_{63}^{8}\ \Phi_{27}^{8}\ \Phi_{21}^{8}\ \Phi_{9}^{8}\ \Phi_{7}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
104660	1510	930	$\frac{4}{155}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{930}^{2}\ \Phi_{465}\ \Phi_{310}^{2}\ \Phi_{186}^{2}\ \Phi_{155}^{2}\ \Phi_{93}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104661	1510	750	$\frac{2}{75}$	$\frac{1}{6}$	$\frac{73}{375}$	$\frac{1}{3}$	$\Phi_{750}^{3}\ \Phi_{375}^{2}\ \Phi_{250}^{3}\ \Phi_{125}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104662	1510	180	$\frac{1}{36}$	$\frac{29}{180}$	$\frac{7}{36}$	$\frac{1}{3}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^{10}\ \Phi_{45}^{10}\ \Phi_{36}^{2}\ \Phi_{30}^{10}\ \Phi_{20}^{10}\ \Phi_{18}^{2}\ \Phi_{15}^{10}\ \Phi_{12}^{2}\ \Phi_{10}^{10}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{10}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104663	1510	168	$\frac{1}{21}$	$\frac{17}{168}$	$\frac{4}{21}$	$\frac{1}{3}$	$\Phi_{168}^{10}\ \Phi_{84}^{10}\ \Phi_{56}^{10}\ \Phi_{42}^{10}\ \Phi_{28}^{10}\ \Phi_{24}^{10}\ \Phi_{21}^{2}\ \Phi_{14}^{10}\ \Phi_{12}^{10}\ \Phi_{8}^{10}\ \Phi_{7}^{2}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{10}\ \Phi_{1}^{2}$
104664	1510	162	$\frac{11}{162}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{1}{3}$	$\Phi_{162}^{10}\ \Phi_{81}^{10}\ \Phi_{54}^{10}\ \Phi_{27}^{6}\ \Phi_{18}^{10}\ \Phi_{9}^{6}\ \Phi_{6}^{10}\ \Phi_{3}^{5}\ \Phi_{2}^{10}\ \Phi_{1}^{6}$
104665	1510	156	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{156}^{10}\ \Phi_{78}^{10}\ \Phi_{52}^{10}\ \Phi_{39}^{10}\ \Phi_{26}^{10}\ \Phi_{13}^{10}\ \Phi_{12}^{10}\ \Phi_{6}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104666	1510	180	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^{10}\ \Phi_{45}^{10}\ \Phi_{36}^{10}\ \Phi_{20}^{10}\ \Phi_{18}^{10}\ \Phi_{12}^{10}\ \Phi_{9}^{10}\ \Phi_{6}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104667	1510	1050	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1050}^{2}\ \Phi_{525}\ \Phi_{350}^{2}\ \Phi_{210}^{2}\ \Phi_{175}^{2}\ \Phi_{105}\ \Phi_{70}^{2}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{21}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104668	1510	630	$\frac{13}{315}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{630}^{3}\ \Phi_{315}^{2}\ \Phi_{210}^{3}\ \Phi_{126}^{3}\ \Phi_{105}^{2}\ \Phi_{90}^{3}\ \Phi_{70}^{3}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{42}^{3}\ \Phi_{35}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{3}\ \Phi_{14}^{3}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
104669	1510	480	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{4}\ \Phi_{120}^{3}\ \Phi_{96}^{3}\ \Phi_{80}^{4}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{40}^{4}\ \Phi_{32}^{4}\ \Phi_{24}^{3}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
104670	1510	330	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{330}^6\ \Phi_{165}^4\ \Phi_{110}^6\ \Phi_{66}^6\ \Phi_{55}^4\ \Phi_{33}^4\ \Phi_{22}^6\ \Phi_{11}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
104671	1510	891	$\frac{2}{27}$	$\frac{25}{297}$	$\frac{136}{891}$	$\frac{1}{3}$	$\Phi_{891}^2\ \Phi_{297}\ \Phi_{99}\ \Phi_{81}^2\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
104672	1510	882	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{127}{882}$	$\frac{1}{3}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{294}^2\ \Phi_{126}^2\ \Phi_{98}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
104673	1510	2376	$\frac{1}{11}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{216}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
104674	1510	1848	$\frac{1}{11}$	$\frac{17}{168}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}$
104675	1510	207	$\frac{4}{69}$	$\frac{1}{9}$	$\frac{13}{69}$	$\frac{56}{207}$	$\Phi_{207}^7\ \Phi_{69}^8\ \Phi_{23}^8\ \Phi_9^6\ \Phi_3^7\ \Phi_1^8$
104676	1510	2112	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{192}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
104677	1511	2416	$\frac{1}{302}$	$\frac{303}{1208}$	$\frac{905}{2416}$	$\frac{301}{604}$	$\Phi_{2416}\ \Phi_{604}\ \Phi_{16}\ \Phi_4\ \Phi_1$
104678	1511	3000	$\frac{11}{1500}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1489}{3000}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{200}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
104679	1511	3000	$\frac{11}{1500}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1489}{3000}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{200}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
104680	1511	2020	$\frac{4}{505}$	$\frac{1}{5}$	$\frac{509}{2020}$	$\frac{501}{1010}$	$\Phi_{2020}\ \Phi_{505}\ \Phi_{404}\ \Phi_{101}\ \Phi_{20}\ \Phi_4\ \Phi_1$
104681	1511	2960	$\frac{31}{1480}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1449}{2960}$	$\Phi_{2960}\ \Phi_{592}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
104682	1511	2880	$\frac{71}{1440}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1369}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
104683	1511	2000	$\frac{11}{500}$	$\frac{1}{10}$	$\frac{489}{2000}$	$\frac{9}{20}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{400}\ \Phi_{200}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
104684	1511	1560	$\frac{49}{1560}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{20}\ \Phi_{13}\ \Phi_8\ \Phi_4\ \Phi_1$
104685	1511	1800	$\frac{11}{300}$	$\frac{1}{10}$	$\frac{289}{1800}$	$\frac{9}{20}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
104686	1511	1600	$\frac{89}{1600}$	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{9}{20}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
104687	1511	1600	$\frac{89}{1600}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{160}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{64}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
104688	1511	2660	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{181}{1330}$	$\frac{1149}{2660}$	$\Phi_{2660}\ \Phi_{532}\ \Phi_{380}\ \Phi_{190}\ \Phi_{140}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}\ \Phi_{28}\ \Phi_{20}\ \Phi_{19}\ \Phi_4\ \Phi_1$
104689	1511	1530	$\frac{19}{1530}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}\ \Phi_{255}\ \Phi_{170}\ \Phi_{153}\ \Phi_{102}\ \Phi_{90}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
104690	1511	2280	$\frac{9}{380}$	$\frac{1}{10}$	$\frac{371}{1140}$	$\frac{769}{2280}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{380}\ \Phi_{190}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{76}\ \Phi_{40}\ \Phi_{38}\ \Phi_{24}\ \Phi_{20}\ \Phi_{19}\ \Phi_8\ \Phi_4\ \Phi_1$
104691	1511	2250	$\frac{11}{750}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{739}{2250}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{450}\ \Phi_{225}\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
104692	1511	2160	$\frac{71}{720}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{649}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
104693	1511	1680	$\frac{1}{10}$	$\frac{169}{1680}$	$\frac{9}{80}$	$\frac{71}{240}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
104694	1511	1875	$\frac{11}{375}$	$\frac{364}{1875}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1875}\ \Phi_{625}\ \Phi_{15}\ \Phi_3\ \Phi_1$
104695	1511	1560	$\frac{49}{1560}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{15}\ \Phi_{13}\ \Phi_8\ \Phi_3\ \Phi_1$
104696	1511	1800	$\frac{11}{300}$	$\frac{289}{1800}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
104697	1511	1575	$\frac{64}{1575}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1$
104698	1511	1650	$\frac{11}{150}$	$\frac{139}{1650}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{330}\ \Phi_{275}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_3\ \Phi_1$
104699	1511	1920	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{480}$	$\frac{409}{1920}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
104700	1512	1131	$\frac{1}{377}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{188}{377}$	$\Phi_{1131}\ \Phi_{377}^2\ \Phi_{87}\ \Phi_{39}\ \Phi_{29}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
104701	1512	1511	$\frac{5}{1511}$	$\frac{379}{1511}$	$\frac{566}{1511}$	$\frac{753}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104702	1512	2271	$\frac{3}{757}$	$\frac{190}{757}$	$\frac{1}{3}$	$\frac{377}{757}$	Φ_{2271}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
104703	1512	1255	$\frac{1}{251}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{125}{251}$	$\Phi_{1255}\ \Phi_{251}^2\ \Phi_5^2\ \Phi_1^4$
104704	1512	3012	$\frac{1}{251}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{125}{251}$	$\Phi_{3012}\ \Phi_{1506}\ \Phi_{12}^2\ \Phi_6^2$
104705	1512	1511	$\frac{7}{1511}$	$\frac{253}{1511}$	$\frac{629}{1511}$	$\frac{752}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104706	1512	2580	$\frac{1}{215}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{107}{215}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{516}\ \Phi_{215}\ \Phi_{172}\ \Phi_{60}\ \Phi_{43}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
104707	1512	1935	$\frac{1}{215}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{107}{215}$	$\Phi_{1935}\ \Phi_{387}\ \Phi_{215}\ \Phi_{45}\ \Phi_{43}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
104708	1512	2632	$\frac{1}{188}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{187}{376}$	$\Phi_{2632}\ \Phi_{376}^2\ \Phi_{56}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
104709	1512	5640	$\frac{1}{188}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{187}{376}$	$\Phi_{5640}\ \Phi_{120}\ \Phi_{15}$
104710	1512	2020	$\frac{3}{505}$	$\frac{1}{4}$	$\frac{127}{505}$	$\frac{251}{505}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{404}\ \Phi_{202}\ \Phi_{20}\ \Phi_{10}$
104711	1512	1511	$\frac{9}{1511}$	$\frac{377}{1511}$	$\frac{380}{1511}$	$\frac{751}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104712	1512	2672	$\frac{1}{167}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{83}{167}$	$\Phi_{2672}\ \Phi_{167}\ \Phi_{16}^2\ \Phi_1^2$
104713	1512	668	$\frac{1}{167}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{83}{167}$	$\Phi_{668}^2\ \Phi_{334}^2\ \Phi_{167}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
104714	1512	2271	$\frac{5}{757}$	$\frac{127}{757}$	$\frac{1}{3}$	$\frac{376}{757}$	Φ_{2271}
104715	1512	1375	$\frac{1}{125}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{62}{125}$	$\Phi_{1375}\ \Phi_{275}\ \Phi_{125}^2\ \Phi_{55}\ \Phi_{25}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
104716	1512	2625	$\frac{1}{125}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{62}{125}$	$\Phi_{2625}\ \Phi_{525}\ \Phi_{105}\ \Phi_{21}^2$
104717	1512	1375	$\frac{1}{125}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{62}{125}$	$\Phi_{1375}\ \Phi_{275}\ \Phi_{125}^2\ \Phi_{55}\ \Phi_{25}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
104718	1512	500	$\frac{1}{125}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{62}{125}$	$\Phi_{500}^4\ \Phi_{250}^4\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_4^4\ \Phi_2^4$
104719	1512	1511	$\frac{13}{1511}$	$\frac{127}{1511}$	$\frac{692}{1511}$	$\frac{749}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104720	1512	1511	$\frac{13}{1511}$	$\frac{254}{1511}$	$\frac{419}{1511}$	$\frac{749}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104721	1512	1391	$\frac{1}{107}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{53}{107}$	$\Phi_{1391}\ \Phi_{107}^2\ \Phi_{13}^2\ \Phi_1^4$
104722	1512	2568	$\frac{1}{107}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{53}{107}$	$\Phi_{2568}\ \Phi_{1284}\ \Phi_{642}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
104723	1512	404	$\frac{1}{101}$	$\frac{17}{101}$	$\frac{1}{4}$	$\frac{50}{101}$	$\Phi_{404}^5\ \Phi_{202}^5\ \Phi_4^4\ \Phi_2^4$
104724	1512	1511	$\frac{15}{1511}$	$\frac{109}{1511}$	$\frac{701}{1511}$	$\frac{748}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104725	1512	1511	$\frac{17}{1511}$	$\frac{191}{1511}$	$\frac{440}{1511}$	$\frac{747}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104726	1512	1771	$\frac{3}{253}$	$\frac{1}{7}$	$\frac{64}{253}$	$\frac{125}{253}$	$\Phi_{1771}\ \Phi_{161}\ \Phi_{77}$
104727	1512	1411	$\frac{1}{83}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{41}{83}$	$\Phi_{1411}\ \Phi_{83}^2\ \Phi_{17}^2\ \Phi_1^4$
104728	1512	2490	$\frac{1}{83}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{41}{83}$	$\Phi_{2490}\ \Phi_{1245}\ \Phi_{498}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
104729	1512	1411	$\frac{1}{83}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{41}{83}$	$\Phi_{1411}\ \Phi_{83}^2\ \Phi_{17}^2\ \Phi_1^4$
104730	1512	2324	$\frac{1}{83}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{41}{83}$	$\Phi_{2324}\ \Phi_{1162}\ \Phi_{28}^2\ \Phi_{14}^2$
104731	1512	1511	$\frac{19}{1511}$	$\frac{85}{1511}$	$\frac{713}{1511}$	$\frac{746}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104732	1512	1511	$\frac{19}{1511}$	$\frac{255}{1511}$	$\frac{314}{1511}$	$\frac{746}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104733	1512	1895	$\frac{5}{379}$	$\frac{64}{379}$	$\frac{1}{5}$	$\frac{187}{379}$	Φ_{1895}
104734	1512	1736	$\frac{3}{217}$	$\frac{1}{8}$	$\frac{55}{217}$	$\frac{107}{217}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{434}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
104735	1512	2020	$\frac{7}{505}$	$\frac{64}{505}$	$\frac{1}{4}$	$\frac{249}{505}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{404}\ \Phi_{202}\ \Phi_{20}\ \Phi_{10}$
104736	1512	1511	$\frac{21}{1511}$	$\frac{188}{1511}$	$\frac{383}{1511}$	$\frac{745}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104737	1512	2840	$\frac{1}{71}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{35}{71}$	$\Phi_{2840}\ \Phi_{568}\ \Phi_{71}\ \Phi_{40}^2\ \Phi_8^2\ \Phi_1^2$
104738	1512	710	$\frac{1}{71}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{35}{71}$	$\Phi_{710}^2\ \Phi_{355}^2\ \Phi_{142}^2\ \Phi_{71}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
104739	1512	568	$\frac{1}{71}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{35}{71}$	$\Phi_{568}^3\ \Phi_{284}^2\ \Phi_{142}^2\ \Phi_{71}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
104740	1512	1775	$\frac{1}{71}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{35}{71}$	$\Phi_{1775}\ \Phi_{71}\ \Phi_{25}^2\ \Phi_1^2$
104741	1512	2271	$\frac{11}{757}$	$\frac{64}{757}$	$\frac{1}{3}$	$\frac{373}{757}$	Φ_{2271}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
104742	1512	2852	$\frac{1}{62}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{61}{124}$	$\Phi_{2852}\ \Phi_{124}^2\ \Phi_{92}\ \Phi_{23}\ \Phi_4^2\ \Phi_1^2$
104743	1512	4836	$\frac{1}{62}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{61}{124}$	$\Phi_{4836}\ \Phi_{156}\ \Phi_{39}$
104744	1512	2852	$\frac{1}{62}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{61}{124}$	$\Phi_{2852}\ \Phi_{124}^2\ \Phi_{92}\ \Phi_{23}\ \Phi_4^2\ \Phi_1^2$
104745	1512	1116	$\frac{1}{62}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{61}{124}$	$\Phi_{1116}\ \Phi_{558}^2\ \Phi_{372}\ \Phi_{279}^2\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{36}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
104746	1512	2852	$\frac{1}{62}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{61}{124}$	$\Phi_{2852}\ \Phi_{124}^2\ \Phi_{92}\ \Phi_{23}\ \Phi_4^2\ \Phi_1^2$
104747	1512	4340	$\frac{1}{62}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{61}{124}$	$\Phi_{4340}\ \Phi_{140}\ \Phi_{35}$
104748	1512	1511	$\frac{25}{1511}$	$\frac{128}{1511}$	$\frac{461}{1511}$	$\frac{743}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104749	1512	1511	$\frac{25}{1511}$	$\frac{161}{1511}$	$\frac{384}{1511}$	$\frac{743}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104750	1512	2271	$\frac{13}{757}$	$\frac{55}{757}$	$\frac{1}{3}$	$\frac{372}{757}$	Φ_{2271}
104751	1512	1690	$\frac{3}{169}$	$\frac{1}{10}$	$\frac{43}{169}$	$\frac{83}{169}$	$\Phi_{1690}\ \Phi_{845}\ \Phi_{338}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
104752	1512	2860	$\frac{1}{55}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{27}{55}$	$\Phi_{2860}\ \Phi_{572}\ \Phi_{260}\ \Phi_{220}\ \Phi_{55}\ \Phi_{52}^2\ \Phi_{44}\ \Phi_{20}\ \Phi_{11}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
104753	1512	715	$\frac{1}{55}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{27}{55}$	$\Phi_{715}^2\ \Phi_{143}^2\ \Phi_{65}^2\ \Phi_{55}^3\ \Phi_{13}^4\ \Phi_{11}^3\ \Phi_5^3\ \Phi_1^6$
104754	1512	220	$\frac{1}{55}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{27}{55}$	$\Phi_{220}^9\ \Phi_{110}^4\ \Phi_{55}^5\ \Phi_{44}^9\ \Phi_{22}^4\ \Phi_{20}^{11}\ \Phi_{11}^5\ \Phi_{10}^5\ \Phi_5^6\ \Phi_4^{10}\ \Phi_2^4\ \Phi_1^6$
104755	1512	1431	$\frac{1}{53}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{26}{53}$	$\Phi_{1431}\ \Phi_{477}\ \Phi_{159}\ \Phi_{53}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
104756	1512	795	$\frac{1}{53}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{795}^2\ \Phi_{265}^2\ \Phi_{159}\ \Phi_{53}^2\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
104757	1512	477	$\frac{1}{53}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{26}{53}$	$\Phi_{477}^3\ \Phi_{159}^3\ \Phi_{53}^4\ \Phi_9^6\ \Phi_3^6\ \Phi_1^8$
104758	1512	2120	$\frac{1}{53}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{26}{53}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
104759	1512	1511	$\frac{29}{1511}$	$\frac{55}{1511}$	$\frac{728}{1511}$	$\frac{741}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104760	1512	1511	$\frac{29}{1511}$	$\frac{110}{1511}$	$\frac{467}{1511}$	$\frac{741}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104761	1512	1771	$\frac{5}{253}$	$\frac{1}{7}$	$\frac{43}{253}$	$\frac{124}{253}$	$\Phi_{1771}\ \Phi_{161}\ \Phi_{77}$
104762	1512	1511	$\frac{31}{1511}$	$\frac{209}{1511}$	$\frac{257}{1511}$	$\frac{740}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104763	1512	3330	$\frac{4}{185}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{181}{370}$	$\Phi_{3330}\ \Phi_{1110}\ \Phi_{666}\ \Phi_{222}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
104764	1512	2020	$\frac{11}{505}$	$\frac{43}{505}$	$\frac{1}{4}$	$\frac{247}{505}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{404}\ \Phi_{202}\ \Phi_{20}\ \Phi_{10}$
104765	1512	1511	$\frac{33}{1511}$	$\frac{125}{1511}$	$\frac{386}{1511}$	$\frac{739}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104766	1512	2271	$\frac{17}{757}$	$\frac{43}{757}$	$\frac{1}{3}$	$\frac{370}{757}$	Φ_{2271}
104767	1512	1736	$\frac{5}{217}$	$\frac{1}{8}$	$\frac{37}{217}$	$\frac{106}{217}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{434}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
104768	1512	1435	$\frac{1}{41}$	$\frac{1}{35}$	$\frac{17}{35}$	$\frac{20}{41}$	$\Phi_{1435}\ \Phi_{287}\ \Phi_{205}\ \Phi_{41}^2\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
104769	1512	2337	$\frac{1}{41}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{2337}\ \Phi_{57}^2$
104770	1512	1435	$\frac{1}{41}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{20}{41}$	$\Phi_{1435}\ \Phi_{287}\ \Phi_{205}\ \Phi_{41}^2\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
104771	1512	2132	$\frac{1}{41}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{20}{41}$	$\Phi_{2132}\ \Phi_{1066}\ \Phi_{52}^2\ \Phi_{26}^2$
104772	1512	1435	$\frac{1}{41}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{20}{41}$	$\Phi_{1435}\ \Phi_{287}\ \Phi_{205}\ \Phi_{41}^2\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
104773	1512	410	$\frac{1}{41}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{20}{41}$	$\Phi_{410}^4\ \Phi_{205}^3\ \Phi_{82}^4\ \Phi_{41}^4\ \Phi_{10}^8\ \Phi_5^6\ \Phi_2^8\ \Phi_1^8$
104774	1512	287	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{20}{41}$	$\Phi_{287}^5\ \Phi_{41}^6\ \Phi_7^{10}\ \Phi_1^{12}$
104775	1512	1511	$\frac{37}{1511}$	$\frac{43}{1511}$	$\frac{734}{1511}$	$\frac{737}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104776	1512	1511	$\frac{37}{1511}$	$\frac{86}{1511}$	$\frac{475}{1511}$	$\frac{737}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104777	1512	1511	$\frac{37}{1511}$	$\frac{179}{1511}$	$\frac{258}{1511}$	$\frac{737}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104778	1512	2020	$\frac{13}{505}$	$\frac{37}{505}$	$\frac{1}{4}$	$\frac{246}{505}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{404}\ \Phi_{202}\ \Phi_{20}\ \Phi_{10}$
104779	1512	684	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{13}{76}$	$\frac{37}{76}$	$\Phi_{684}^2\ \Phi_{342}^3\ \Phi_{228}^2\ \Phi_{171}^3\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{36}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
104780	1512	1635	$\frac{3}{109}$	$\frac{1}{15}$	$\frac{28}{109}$	$\frac{53}{109}$	$\Phi_{1635}\ \Phi_{545}\ \Phi_{327}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
104781	1512	1511	$\frac{43}{1511}$	$\frac{111}{1511}$	$\frac{350}{1511}$	$\frac{734}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104782	1512	2310	$\frac{1}{35}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{66}^2\ \Phi_{42}\ \Phi_{33}^2\ \Phi_{30}\ \Phi_6^2$
104783	1512	1435	$\frac{1}{35}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{17}{35}$	$\Phi_{1435}\ \Phi_{287}\ \Phi_{205}\ \Phi_{41}^2\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
104784	1512	420	$\frac{1}{35}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^4\ \Phi_{84}^5\ \Phi_{70}^4\ \Phi_{60}^6\ \Phi_{42}^5\ \Phi_{30}^6\ \Phi_{28}^4\ \Phi_{20}^5\ \Phi_{14}^4\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_6^6\ \Phi_4^4\ \Phi_2^4$
104785	1512	1435	$\frac{1}{35}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{17}{35}$	$\Phi_{1435}\ \Phi_{287}\ \Phi_{205}\ \Phi_{41}^2\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
104786	1512	280	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{17}{35}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{56}^7\ \Phi_{40}^6\ \Phi_{28}^7\ \Phi_{20}^6\ \Phi_{14}^7\ \Phi_{10}^6\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6$
104787	1512	1690	$\frac{5}{169}$	$\frac{1}{10}$	$\frac{29}{169}$	$\frac{82}{169}$	$\Phi_{1690}\ \Phi_{845}\ \Phi_{338}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
104788	1512	248	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{4}{31}$	$\frac{15}{31}$	$\Phi_{248}^7\ \Phi_{124}^7\ \Phi_{62}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6$
104789	1512	1511	$\frac{49}{1511}$	$\frac{65}{1511}$	$\frac{482}{1511}$	$\frac{731}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104790	1512	1511	$\frac{49}{1511}$	$\frac{139}{1511}$	$\frac{260}{1511}$	$\frac{731}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104791	1512	1511	$\frac{49}{1511}$	$\frac{188}{1511}$	$\frac{195}{1511}$	$\frac{731}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104792	1512	2020	$\frac{17}{505}$	$\frac{29}{505}$	$\frac{1}{4}$	$\frac{244}{505}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{404}\ \Phi_{202}\ \Phi_{20}\ \Phi_{10}$
104793	1512	1895	$\frac{13}{379}$	$\frac{28}{379}$	$\frac{1}{5}$	$\frac{183}{379}$	Φ_{1895}
104794	1512	1511	$\frac{53}{1511}$	$\frac{80}{1511}$	$\frac{391}{1511}$	$\frac{729}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104795	1512	1615	$\frac{3}{85}$	$\frac{1}{19}$	$\frac{22}{85}$	$\frac{41}{85}$	$\Phi_{1615}\ \Phi_{323}\ \Phi_{95}$
104796	1512	2271	$\frac{27}{757}$	$\frac{28}{757}$	$\frac{1}{3}$	$\frac{365}{757}$	Φ_{2271}
104797	1512	1511	$\frac{55}{1511}$	$\frac{87}{1511}$	$\frac{356}{1511}$	$\frac{728}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104798	1512	756	$\frac{1}{28}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^3\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^3\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
104799	1512	1431	$\frac{1}{27}$	$\frac{2}{53}$	$\frac{17}{53}$	$\frac{13}{27}$	$\Phi_{1431}\ \Phi_{477}\ \Phi_{159}\ \Phi_{53}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
104800	1512	2052	$\frac{1}{27}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{38}^2$
104801	1512	1431	$\frac{1}{27}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{13}{27}$	$\Phi_{1431}\ \Phi_{477}\ \Phi_{159}\ \Phi_{53}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
104802	1512	1890	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{13}{27}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{14}^2$
104803	1512	1511	$\frac{56}{1511}$	$\frac{57}{1511}$	$\frac{485}{1511}$	$\frac{727}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104804	1512	4524	$\frac{1}{29}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{4524}\ \Phi_{348}\ \Phi_{87}$
104805	1512	2860	$\frac{1}{26}$	$\frac{3}{55}$	$\frac{13}{55}$	$\frac{25}{52}$	$\Phi_{2860}\ \Phi_{572}\ \Phi_{260}\ \Phi_{220}\ \Phi_{55}\ \Phi_{52}^2\ \Phi_{44}\ \Phi_{20}\ \Phi_{11}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
104806	1512	780	$\frac{1}{26}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{780}^4\ \Phi_{260}^3\ \Phi_{156}^4\ \Phi_{60}^4\ \Phi_{52}^4\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
104807	1512	1716	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{25}{52}$	$\Phi_{1716}^2\ \Phi_{572}\ \Phi_{156}^2\ \Phi_{132}^2\ \Phi_{52}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
104808	1512	2860	$\frac{1}{26}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{25}{52}$	$\Phi_{2860}\ \Phi_{572}\ \Phi_{260}\ \Phi_{220}\ \Phi_{55}\ \Phi_{52}^2\ \Phi_{44}\ \Phi_{20}\ \Phi_{11}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
104809	1512	936	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{25}{52}$	$\Phi_{936}^2\ \Phi_{468}\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{72}^3\ \Phi_{39}^2\ \Phi_{36}^2\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
104810	1512	1651	$\frac{5}{127}$	$\frac{1}{13}$	$\frac{22}{127}$	$\frac{61}{127}$	Φ_{1651}
104811	1512	1511	$\frac{61}{1511}$	$\frac{131}{1511}$	$\frac{230}{1511}$	$\frac{725}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104812	1512	1606	$\frac{3}{73}$	$\frac{1}{22}$	$\frac{19}{73}$	$\frac{35}{73}$	$\Phi_{1606}\ \Phi_{803}\ \Phi_{146}$
104813	1512	847	$\frac{5}{121}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{58}{121}$	$\Phi_{847}^2\ \Phi_{77}^3\ \Phi_7^2$
104814	1512	1690	$\frac{7}{169}$	$\frac{1}{10}$	$\frac{22}{169}$	$\frac{81}{169}$	$\Phi_{1690}\ \Phi_{845}\ \Phi_{338}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
104815	1512	1511	$\frac{65}{1511}$	$\frac{146}{1511}$	$\frac{197}{1511}$	$\frac{723}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104816	1512	713	$\frac{1}{31}$	$\frac{1}{23}$	$\frac{10}{31}$	$\frac{11}{23}$	$\Phi_{713}^2\ \Phi_{31}^4\ \Phi_{23}^3\ \Phi_1^6$
104817	1512	1012	$\frac{1}{23}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{1012}^2\ \Phi_{506}\ \Phi_{253}\ \Phi_{92}\ \Phi_{44}^4\ \Phi_{23}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
104818	1512	161	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{1}{7}$	$\frac{11}{23}$	$\Phi_{161}^{11}\ \Phi_{7}^{10}$
104819	1512	713	$\frac{1}{23}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{11}{23}$	$\Phi_{713}^{2}\ \Phi_{31}^{4}\ \Phi_{23}^{3}\ \Phi_{1}^{6}$
104820	1512	920	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{11}{23}$	$\Phi_{920}^{2}\ \Phi_{460}^{2}\ \Phi_{230}\ \Phi_{184}\ \Phi_{115}\ \Phi_{92}\ \Phi_{40}^{4}\ \Phi_{23}\ \Phi_{20}^{4}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
104821	1512	1511	$\frac{67}{1511}$	$\frac{104}{1511}$	$\frac{263}{1511}$	$\frac{722}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
104822	1512	1895	$\frac{17}{379}$	$\frac{22}{379}$	$\frac{1}{5}$	$\frac{181}{379}$	Φ_{1895}
104823	1512	2020	$\frac{22}{505}$	$\frac{23}{505}$	$\frac{1}{4}$	$\frac{241}{505}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{404}\ \Phi_{202}\ \Phi_{20}\ \Phi_{10}$
104824	1512	1511	$\frac{62}{1511}$	$\frac{69}{1511}$	$\frac{395}{1511}$	$\frac{721}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
104825	1512	1635	$\frac{5}{109}$	$\frac{1}{15}$	$\frac{19}{109}$	$\frac{52}{109}$	$\Phi_{1635}\ \Phi_{545}\ \Phi_{327}$
104826	1512	2271	$\frac{22}{757}$	$\frac{35}{757}$	$\frac{1}{3}$	$\frac{361}{757}$	Φ_{2271}
104827	1512	1511	$\frac{71}{1511}$	$\frac{113}{1511}$	$\frac{233}{1511}$	$\frac{720}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
104828	1512	1511	$\frac{44}{1511}$	$\frac{73}{1511}$	$\frac{489}{1511}$	$\frac{719}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
104829	1512	1511	$\frac{73}{1511}$	$\frac{132}{1511}$	$\frac{197}{1511}$	$\frac{719}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
104830	1512	4440	$\frac{1}{37}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{4440}\ \Phi_{888}\ \Phi_{111}$
104831	1512	2840	$\frac{2}{71}$	$\frac{1}{20}$	$\frac{23}{71}$	$\frac{19}{40}$	$\Phi_{2840}\ \Phi_{568}\ \Phi_{71}\ \Phi_{40}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
104832	1512	200	$\frac{1}{25}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{200}^{15}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}^{12}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}^{12}$
104833	1512	2840	$\frac{3}{71}$	$\frac{1}{20}$	$\frac{17}{71}$	$\frac{19}{40}$	$\Phi_{2840}\ \Phi_{568}\ \Phi_{71}\ \Phi_{40}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
104834	1512	760	$\frac{1}{20}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{760}^{4}\ \Phi_{152}^{4}\ \Phi_{95}$
104835	1512	2840	$\frac{1}{20}$	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{19}{40}$	$\Phi_{2840}\ \Phi_{568}\ \Phi_{71}\ \Phi_{40}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
104836	1512	3640	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{19}{40}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{91}$
104837	1512	2840	$\frac{1}{20}$	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{19}{40}$	$\Phi_{2840}\ \Phi_{568}\ \Phi_{71}\ \Phi_{40}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
104838	1512	360	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{19}{40}$	$\Phi_{360}^{9}\ \Phi_{120}^{9}\ \Phi_{90}\ \Phi_{72}^{9}\ \Phi_{45}\ \Phi_{30}\ \Phi_{24}^{9}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
104839	1512	1736	$\frac{11}{217}$	$\frac{19}{217}$	$\frac{1}{8}$	$\frac{103}{217}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{434}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
104840	1512	1771	$\frac{13}{253}$	$\frac{19}{253}$	$\frac{1}{7}$	$\frac{120}{253}$	$\Phi_{1771}\ \Phi_{161}\ \Phi_{77}$
104841	1512	1511	$\frac{79}{1511}$	$\frac{89}{1511}$	$\frac{265}{1511}$	$\frac{716}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
104842	1512	532	$\frac{1}{28}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{532}^{3}\ \Phi_{266}^{3}\ \Phi_{133}^{3}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
104843	1512	2020	$\frac{19}{505}$	$\frac{27}{505}$	$\frac{1}{4}$	$\frac{239}{505}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{404}\ \Phi_{202}\ \Phi_{20}\ \Phi_{10}$
104844	1512	1511	$\frac{53}{1511}$	$\frac{81}{1511}$	$\frac{398}{1511}$	$\frac{715}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
104845	1512	2271	$\frac{19}{757}$	$\frac{41}{757}$	$\frac{1}{3}$	$\frac{358}{757}$	Φ_{2271}
104846	1512	1511	$\frac{38}{1511}$	$\frac{85}{1511}$	$\frac{491}{1511}$	$\frac{713}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
104847	1512	2193	$\frac{1}{43}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{2193}\ \Phi_{129}^{2}$
104848	1512	1411	$\frac{2}{83}$	$\frac{1}{17}$	$\frac{27}{83}$	$\frac{8}{17}$	$\Phi_{1411}\ \Phi_{83}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
104849	1512	1972	$\frac{1}{29}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{1972}\ \Phi_{986}\ \Phi_{116}^{2}\ \Phi_{58}^{2}$
104850	1512	1411	$\frac{3}{83}$	$\frac{1}{17}$	$\frac{20}{83}$	$\frac{8}{17}$	$\Phi_{1411}\ \Phi_{83}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
104851	1512	1870	$\frac{1}{22}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{170}\ \Phi_{110}^{2}\ \Phi_{55}^{2}\ \Phi_{10}^{2}$
104852	1512	323	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{323}^{5}\ \Phi_{19}^{4}$
104853	1512	1411	$\frac{1}{17}$	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{8}{17}$	$\Phi_{1411}\ \Phi_{83}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
104854	1512	1785	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{8}{17}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{105}^{2}\ \Phi_{35}^{2}\ \Phi_{21}^{2}$
104855	1512	1411	$\frac{1}{17}$	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{8}{17}$	$\Phi_{1411}\ \Phi_{83}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
104856	1512	1768	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{8}{17}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{442}\ \Phi_{104}^{2}\ \Phi_{52}^{2}\ \Phi_{26}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
104857	1512	1511	$\frac{89}{1511}$	$\frac{91}{1511}$	$\frac{237}{1511}$	$\frac{710}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104858	1512	1511	$\frac{97}{1511}$	$\frac{134}{1511}$	$\frac{153}{1511}$	$\frac{707}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104859	1512	1690	$\frac{11}{169}$	$\frac{15}{169}$	$\frac{1}{10}$	$\frac{79}{169}$	$\Phi_{1690}\ \Phi_{845}\ \Phi_{338}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
104860	1512	1771	$\frac{15}{253}$	$\frac{17}{253}$	$\frac{1}{7}$	$\frac{118}{253}$	$\Phi_{1771}\ \Phi_{161}\ \Phi_{77}$
104861	1512	1511	$\frac{69}{1511}$	$\frac{103}{1511}$	$\frac{269}{1511}$	$\frac{704}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104862	1512	1606	$\frac{1}{22}$	$\frac{5}{73}$	$\frac{13}{73}$	$\frac{34}{73}$	$\Phi_{1606}\ \Phi_{803}\ \Phi_{146}$
104863	1512	404	$\frac{3}{101}$	$\frac{7}{101}$	$\frac{1}{4}$	$\frac{47}{101}$	$\Phi_{404}^5\ \Phi_{202}^5\ \Phi_4^4\ \Phi_2^4$
104864	1512	1511	$\frac{41}{1511}$	$\frac{105}{1511}$	$\frac{404}{1511}$	$\frac{703}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104865	1512	2271	$\frac{15}{757}$	$\frac{53}{757}$	$\frac{1}{3}$	$\frac{352}{757}$	Φ_{2271}
104866	1512	1511	$\frac{90}{1511}$	$\frac{109}{1511}$	$\frac{203}{1511}$	$\frac{701}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104867	1512	1511	$\frac{29}{1511}$	$\frac{113}{1511}$	$\frac{494}{1511}$	$\frac{699}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104868	1512	1511	$\frac{113}{1511}$	$\frac{116}{1511}$	$\frac{155}{1511}$	$\frac{699}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104869	1512	2145	$\frac{1}{55}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{195}\ \Phi_{165}^2\ \Phi_{33}^2\ \Phi_{15}^2$
104870	1512	1391	$\frac{2}{107}$	$\frac{1}{13}$	$\frac{35}{107}$	$\frac{6}{13}$	$\Phi_{1391}\ \Phi_{107}^2\ \Phi_{13}^2\ \Phi_1^4$
104871	1512	1924	$\frac{1}{37}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{148}^2\ \Phi_{74}^2$
104872	1512	1391	$\frac{3}{107}$	$\frac{1}{13}$	$\frac{26}{107}$	$\frac{6}{13}$	$\Phi_{1391}\ \Phi_{107}^2\ \Phi_{13}^2\ \Phi_1^4$
104873	1512	1820	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{260}\ \Phi_{140}^2\ \Phi_{130}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{20}^2\ \Phi_{10}^2$
104874	1512	1391	$\frac{5}{107}$	$\frac{1}{13}$	$\frac{17}{107}$	$\frac{6}{13}$	$\Phi_{1391}\ \Phi_{107}^2\ \Phi_{13}^2\ \Phi_1^4$
104875	1512	1729	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{1729}\ \Phi_{133}^2$
104876	1512	1391	$\frac{8}{107}$	$\frac{1}{13}$	$\frac{11}{107}$	$\frac{6}{13}$	$\Phi_{1391}\ \Phi_{107}^2\ \Phi_{13}^2\ \Phi_1^4$
104877	1512	130	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{6}{13}$	$\Phi_{130}^{13}\ \Phi_{65}^{13}\ \Phi_{26}^{13}\ \Phi_{10}^{12}\ \Phi_5^{12}\ \Phi_2^{12}$
104878	1512	1736	$\frac{13}{217}$	$\frac{17}{217}$	$\frac{1}{8}$	$\frac{100}{217}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{434}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
104879	1512	1450	$\frac{1}{29}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{1450}^2\ \Phi_{290}^2\ \Phi_{145}\ \Phi_{58}^2$
104880	1512	1511	$\frac{59}{1511}$	$\frac{121}{1511}$	$\frac{272}{1511}$	$\frac{695}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104881	1512	1591	$\frac{1}{43}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	Φ_{1591}
104882	1512	2020	$\frac{13}{505}$	$\frac{41}{505}$	$\frac{1}{4}$	$\frac{232}{505}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{404}\ \Phi_{202}\ \Phi_{20}\ \Phi_{10}$
104883	1512	1511	$\frac{39}{1511}$	$\frac{127}{1511}$	$\frac{368}{1511}$	$\frac{692}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104884	1512	2112	$\frac{1}{64}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}^2\ \Phi_{132}\ \Phi_{96}^2\ \Phi_{66}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
104885	1512	1375	$\frac{2}{125}$	$\frac{1}{11}$	$\frac{41}{125}$	$\frac{5}{11}$	$\Phi_{1375}\ \Phi_{275}\ \Phi_{125}^2\ \Phi_{55}\ \Phi_{25}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
104886	1512	1892	$\frac{1}{43}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{1892}\ \Phi_{946}\ \Phi_{172}^2\ \Phi_{86}^2$
104887	1512	715	$\frac{2}{65}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{715}^2\ \Phi_{143}^2\ \Phi_{65}^4\ \Phi_{55}\ \Phi_{13}^4\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
104888	1512	319	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{319}^5\ \Phi_{29}^4$
104889	1512	275	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{4}{25}$	$\frac{5}{11}$	$\Phi_{275}^5\ \Phi_{55}^5\ \Phi_{25}^{10}\ \Phi_{11}^6\ \Phi_5^{10}\ \Phi_1^{12}$
104890	1512	154	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{154}^{12}\ \Phi_{77}^{11}\ \Phi_{14}^{12}\ \Phi_7^{10}$
104891	1512	1375	$\frac{6}{125}$	$\frac{1}{11}$	$\frac{17}{125}$	$\frac{5}{11}$	$\Phi_{1375}\ \Phi_{275}\ \Phi_{125}^2\ \Phi_{55}\ \Phi_{25}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
104892	1512	1672	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{418}\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{38}^2$
104893	1512	1375	$\frac{8}{125}$	$\frac{1}{11}$	$\frac{13}{125}$	$\frac{5}{11}$	$\Phi_{1375}\ \Phi_{275}\ \Phi_{125}^2\ \Phi_{55}\ \Phi_{25}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
104894	1512	330	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{11}$	$\Phi_{330}^5\ \Phi_{165}^4\ \Phi_{110}^4\ \Phi_{66}^5\ \Phi_{55}^3\ \Phi_{33}^4\ \Phi_{30}^{10}\ \Phi_{22}^4\ \Phi_{15}^8\ \Phi_{11}^4\ \Phi_{10}^8\ \Phi_6^{10}\ \Phi_5^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
104895	1512	1511	$\frac{59}{1511}$	$\frac{141}{1511}$	$\frac{242}{1511}$	$\frac{685}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104896	1512	805	$\frac{1}{23}$	$\frac{11}{115}$	$\frac{1}{7}$	$\frac{52}{115}$	$\Phi_{805}^2\ \Phi_{161}^3\ \Phi_{35}^2\ \Phi_7^2$
104897	1512	1606	$\frac{1}{22}$	$\frac{7}{73}$	$\frac{10}{73}$	$\frac{33}{73}$	$\Phi_{1606}\ \Phi_{803}\ \Phi_{146}$
104898	1512	1511	$\frac{23}{1511}$	$\frac{145}{1511}$	$\frac{496}{1511}$	$\frac{683}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104899	1512	1511	$\frac{69}{1511}$	$\frac{145}{1511}$	$\frac{206}{1511}$	$\frac{683}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104900	1512	1800	$\frac{11}{200}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{150}\ \Phi_{120}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{45}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
104901	1512	1635	$\frac{1}{15}$	$\frac{10}{109}$	$\frac{11}{109}$	$\frac{49}{109}$	$\Phi_{1635}\ \Phi_{545}\ \Phi_{327}$
104902	1512	1651	$\frac{1}{13}$	$\frac{10}{127}$	$\frac{13}{127}$	$\frac{57}{127}$	Φ_{1651}
104903	1512	1511	$\frac{116}{1511}$	$\frac{119}{1511}$	$\frac{155}{1511}$	$\frac{678}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104904	1512	1595	$\frac{1}{55}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}$
104905	1512	1511	$\frac{98}{1511}$	$\frac{139}{1511}$	$\frac{157}{1511}$	$\frac{677}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104906	1512	342	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{9}$	$\frac{17}{38}$	$\Phi_{342}^9\ \Phi_{171}\ \Phi_{114}^9\ \Phi_{57}\ \Phi_{18}^9\ \Phi_6^9$
104907	1512	1736	$\frac{10}{217}$	$\frac{23}{217}$	$\frac{1}{8}$	$\frac{97}{217}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{434}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
104908	1512	1511	$\frac{62}{1511}$	$\frac{161}{1511}$	$\frac{209}{1511}$	$\frac{675}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104909	1512	1771	$\frac{10}{253}$	$\frac{27}{253}$	$\frac{1}{7}$	$\frac{113}{253}$	$\Phi_{1771}\ \Phi_{161}\ \Phi_{77}$
104910	1512	1511	$\frac{31}{1511}$	$\frac{163}{1511}$	$\frac{370}{1511}$	$\frac{674}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104911	1512	1511	$\frac{44}{1511}$	$\frac{163}{1511}$	$\frac{279}{1511}$	$\frac{674}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104912	1512	1895	$\frac{10}{379}$	$\frac{41}{379}$	$\frac{1}{5}$	$\frac{169}{379}$	Φ_{1895}
104913	1512	404	$\frac{2}{101}$	$\frac{11}{101}$	$\frac{1}{4}$	$\frac{45}{101}$	$\Phi_{404}^5\ \Phi_{202}^5\ \Phi_4^4\ \Phi_2^4$
104914	1512	1511	$\frac{26}{1511}$	$\frac{165}{1511}$	$\frac{419}{1511}$	$\frac{673}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104915	1512	2271	$\frac{10}{757}$	$\frac{83}{757}$	$\frac{1}{3}$	$\frac{337}{757}$	Φ_{2271}
104916	1512	1511	$\frac{20}{1511}$	$\frac{169}{1511}$	$\frac{497}{1511}$	$\frac{671}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104917	1512	1591	$\frac{1}{37}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	Φ_{1591}
104918	1512	1511	$\frac{47}{1511}$	$\frac{181}{1511}$	$\frac{244}{1511}$	$\frac{665}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104919	1512	1600	$\frac{1}{64}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
104920	1512	1596	$\frac{1}{28}$	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{25}{57}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{228}\ \Phi_{133}\ \Phi_{114}\ \Phi_{84}\ \Phi_{76}\ \Phi_{42}\ \Phi_{38}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
104921	1512	4080	$\frac{1}{85}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{4080}\ \Phi_{816}\ \Phi_{255}\ \Phi_{240}\ \Phi_{51}\ \Phi_{15}$
104922	1512	2672	$\frac{2}{167}$	$\frac{1}{8}$	$\frac{55}{167}$	$\frac{7}{16}$	$\Phi_{2672}\ \Phi_{167}\ \Phi_{16}^2\ \Phi_1^2$
104923	1512	912	$\frac{1}{57}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{912}^3\ \Phi_{304}^3\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{48}^3\ \Phi_{38}\ \Phi_{12}\ \Phi_6$
104924	1512	2672	$\frac{3}{167}$	$\frac{1}{8}$	$\frac{41}{167}$	$\frac{7}{16}$	$\Phi_{2672}\ \Phi_{167}\ \Phi_{16}^2\ \Phi_1^2$
104925	1512	3440	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{3440}\ \Phi_{215}$
104926	1512	2672	$\frac{5}{167}$	$\frac{1}{8}$	$\frac{27}{167}$	$\frac{7}{16}$	$\Phi_{2672}\ \Phi_{167}\ \Phi_{16}^2\ \Phi_1^2$
104927	1512	3248	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{3248}\ \Phi_{203}$
104928	1512	2672	$\frac{6}{167}$	$\frac{1}{8}$	$\frac{23}{167}$	$\frac{7}{16}$	$\Phi_{2672}\ \Phi_{167}\ \Phi_{16}^2\ \Phi_1^2$
104929	1512	400	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{400}^7\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}^7\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
104930	1512	2672	$\frac{7}{167}$	$\frac{20}{167}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2672}\ \Phi_{167}\ \Phi_{16}^2\ \Phi_1^2$
104931	1512	1584	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1584}^2\ \Phi_{528}^2\ \Phi_{198}\ \Phi_{144}\ \Phi_{99}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{18}\ \Phi_6$
104932	1512	2672	$\frac{11}{167}$	$\frac{13}{167}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2672}\ \Phi_{167}\ \Phi_{16}^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
104933	1512	3120	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{195}\ \Phi_{65}\ \Phi_{39}$
104934	1512	1511	$\frac{71}{1511}$	$\frac{160}{1511}$	$\frac{193}{1511}$	$\frac{659}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104935	1512	1615	$\frac{1}{19}$	$\frac{8}{85}$	$\frac{11}{85}$	$\frac{37}{85}$	$\Phi_{1615}\ \Phi_{323}\ \Phi_{95}$
104936	1512	1511	$\frac{95}{1511}$	$\frac{118}{1511}$	$\frac{199}{1511}$	$\frac{656}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104937	1512	1651	$\frac{8}{127}$	$\frac{1}{13}$	$\frac{17}{127}$	$\frac{55}{127}$	Φ_{1651}
104938	1512	1591	$\frac{1}{43}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	Φ_{1591}
104939	1512	1511	$\frac{76}{1511}$	$\frac{143}{1511}$	$\frac{205}{1511}$	$\frac{653}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104940	1512	1690	$\frac{8}{169}$	$\frac{1}{10}$	$\frac{23}{169}$	$\frac{73}{169}$	$\Phi_{1690}\ \Phi_{845}\ \Phi_{338}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
104941	1512	1511	$\frac{48}{1511}$	$\frac{209}{1511}$	$\frac{215}{1511}$	$\frac{651}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104942	1512	1771	$\frac{8}{253}$	$\frac{35}{253}$	$\frac{1}{7}$	$\frac{109}{253}$	$\Phi_{1771}\ \Phi_{161}\ \Phi_{77}$
104943	1512	1511	$\frac{34}{1511}$	$\frac{211}{1511}$	$\frac{287}{1511}$	$\frac{650}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104944	1512	1511	$\frac{41}{1511}$	$\frac{211}{1511}$	$\frac{245}{1511}$	$\frac{650}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104945	1512	1895	$\frac{8}{379}$	$\frac{53}{379}$	$\frac{1}{5}$	$\frac{163}{379}$	Φ_{1895}
104946	1512	2020	$\frac{8}{505}$	$\frac{71}{505}$	$\frac{1}{4}$	$\frac{217}{505}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{404}\ \Phi_{202}\ \Phi_{20}\ \Phi_{10}$
104947	1512	1511	$\frac{20}{1511}$	$\frac{213}{1511}$	$\frac{431}{1511}$	$\frac{649}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104948	1512	2271	$\frac{8}{757}$	$\frac{107}{757}$	$\frac{1}{3}$	$\frac{325}{757}$	Φ_{2271}
104949	1512	658	$\frac{1}{94}$	$\frac{1}{7}$	$\frac{31}{94}$	$\frac{3}{7}$	$\Phi_{658}^2\ \Phi_{329}^2\ \Phi_{94}^4\ \Phi_{47}^4\ \Phi_{14}^2\ \Phi_7^3\ \Phi_2^4\ \Phi_1^6$
104950	1512	448	$\frac{1}{64}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{448}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{64}^6\ \Phi_{56}^3\ \Phi_{32}^6\ \Phi_{28}^2\ \Phi_{16}^6\ \Phi_{14}^2\ \Phi_8^6\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
104951	1512	1645	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{46}{235}$	$\frac{3}{7}$	$\Phi_{1645}\ \Phi_{235}^2\ \Phi_{35}\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
104952	1512	658	$\frac{3}{94}$	$\frac{13}{94}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{658}^2\ \Phi_{329}^2\ \Phi_{94}^4\ \Phi_{47}^4\ \Phi_{14}^2\ \Phi_7^3\ \Phi_2^4\ \Phi_1^6$
104953	1512	56	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{56}^{31}\ \Phi_{28}^{23}\ \Phi_{14}^{23}\ \Phi_8^{30}\ \Phi_7^{24}\ \Phi_4^{22}\ \Phi_2^{22}\ \Phi_1^{24}$
104954	1512	329	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{329}^4\ \Phi_{47}^8\ \Phi_7^5\ \Phi_1^{10}$
104955	1512	770	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}\ \Phi_{110}^4\ \Phi_{77}\ \Phi_{70}\ \Phi_{55}^4\ \Phi_{35}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
104956	1512	1511	$\frac{48}{1511}$	$\frac{209}{1511}$	$\frac{217}{1511}$	$\frac{647}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104957	1512	1511	$\frac{62}{1511}$	$\frac{161}{1511}$	$\frac{225}{1511}$	$\frac{643}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104958	1512	1606	$\frac{1}{22}$	$\frac{7}{73}$	$\frac{11}{73}$	$\frac{31}{73}$	$\Phi_{1606}\ \Phi_{803}\ \Phi_{146}$
104959	1512	1615	$\frac{1}{19}$	$\frac{7}{85}$	$\frac{13}{85}$	$\frac{36}{85}$	$\Phi_{1615}\ \Phi_{323}\ \Phi_{95}$
104960	1512	1511	$\frac{97}{1511}$	$\frac{101}{1511}$	$\frac{235}{1511}$	$\frac{638}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104961	1512	1635	$\frac{7}{109}$	$\frac{1}{15}$	$\frac{17}{109}$	$\frac{46}{109}$	$\Phi_{1635}\ \Phi_{545}\ \Phi_{327}$
104962	1512	1511	$\frac{77}{1511}$	$\frac{125}{1511}$	$\frac{239}{1511}$	$\frac{636}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104963	1512	1511	$\frac{65}{1511}$	$\frac{146}{1511}$	$\frac{241}{1511}$	$\frac{635}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104964	1512	1690	$\frac{7}{169}$	$\frac{1}{10}$	$\frac{27}{169}$	$\frac{71}{169}$	$\Phi_{1690}\ \Phi_{845}\ \Phi_{338}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
104965	1512	248	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{5}{31}$	$\frac{13}{31}$	$\Phi_{248}^7\ \Phi_{124}^7\ \Phi_{62}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6$
104966	1512	1771	$\frac{7}{253}$	$\frac{1}{7}$	$\frac{41}{253}$	$\frac{106}{253}$	$\Phi_{1771}\ \Phi_{161}\ \Phi_{77}$
104967	1512	1511	$\frac{29}{1511}$	$\frac{247}{1511}$	$\frac{293}{1511}$	$\frac{632}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104968	1512	2020	$\frac{7}{505}$	$\frac{83}{505}$	$\frac{1}{4}$	$\frac{211}{505}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{404}\ \Phi_{202}\ \Phi_{20}\ \Phi_{10}$
104969	1512	1511	$\frac{17}{1511}$	$\frac{249}{1511}$	$\frac{440}{1511}$	$\frac{631}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104970	1512	2271	$\frac{7}{757}$	$\frac{125}{757}$	$\frac{1}{3}$	$\frac{316}{757}$	Φ_{2271}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
104971	1512	1308	$\frac{1}{109}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{1308}^2\ \Phi_{436}^2\ \Phi_{327}$
104972	1512	2580	$\frac{2}{215}$	$\frac{1}{6}$	$\frac{71}{215}$	$\frac{5}{12}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{516}\ \Phi_{215}\ \Phi_{172}\ \Phi_{60}\ \Phi_{43}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
104973	1512	876	$\frac{1}{73}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{876}\ \Phi_{438}^2\ \Phi_{292}^2\ \Phi_{219}^2\ \Phi_{146}^3\ \Phi_{73}^2$
104974	1512	2580	$\frac{3}{215}$	$\frac{1}{6}$	$\frac{53}{215}$	$\frac{5}{12}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{516}\ \Phi_{215}\ \Phi_{172}\ \Phi_{60}\ \Phi_{43}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
104975	1512	660	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{660}^4\ \Phi_{220}^4\ \Phi_{132}^4\ \Phi_{60}^3\ \Phi_{55}^4\ \Phi_{44}^4\ \Phi_{20}^3\ \Phi_{12}^4\ \Phi_{11}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
104976	1512	516	$\frac{1}{43}$	$\frac{7}{43}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{516}^5\ \Phi_{172}^5\ \Phi_{43}^5\ \Phi_{12}^6\ \Phi_4^6\ \Phi_1^6$
104977	1512	3108	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3108}\ \Phi_{1036}\ \Phi_{259}$
104978	1512	2580	$\frac{7}{215}$	$\frac{26}{215}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{516}\ \Phi_{215}\ \Phi_{172}\ \Phi_{60}\ \Phi_{43}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
104979	1512	252	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{252}^7\ \Phi_{126}^7\ \Phi_{84}^5\ \Phi_{63}^7\ \Phi_{42}^5\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{21}^5\ \Phi_{18}^7\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_9^6\ \Phi_7^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
104980	1512	2580	$\frac{8}{215}$	$\frac{23}{215}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{516}\ \Phi_{215}\ \Phi_{172}\ \Phi_{60}\ \Phi_{43}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
104981	1512	300	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{300}^9\ \Phi_{100}^9\ \Phi_{60}^7\ \Phi_{50}^5\ \Phi_{25}^4\ \Phi_{20}^7\ \Phi_{12}^8\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^8\ \Phi_2^4\ \Phi_1^4$
104982	1512	2580	$\frac{11}{215}$	$\frac{17}{215}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{516}\ \Phi_{215}\ \Phi_{172}\ \Phi_{60}\ \Phi_{43}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
104983	1512	2964	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2964}\ \Phi_{988}\ \Phi_{247}$
104984	1512	1511	$\frac{14}{1511}$	$\frac{253}{1511}$	$\frac{499}{1511}$	$\frac{629}{1511}$	$\Phi_{1511}\ \Phi_1^2$
104985	1512	1905	$\frac{1}{127}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1905}\ \Phi_{381}^2$
104986	1512	1255	$\frac{2}{251}$	$\frac{1}{5}$	$\frac{83}{251}$	$\frac{2}{5}$	$\Phi_{1255}\ \Phi_{251}^2\ \Phi_5^2\ \Phi_1^4$
104987	1512	1090	$\frac{1}{109}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{1090}^2\ \Phi_{545}\ \Phi_{218}^2$
104988	1512	340	$\frac{1}{85}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{340}^6\ \Phi_{170}^6\ \Phi_{68}^6\ \Phi_{34}^6\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_4^4\ \Phi_2^4$
104989	1512	1255	$\frac{3}{251}$	$\frac{1}{5}$	$\frac{62}{251}$	$\frac{2}{5}$	$\Phi_{1255}\ \Phi_{251}^2\ \Phi_5^2\ \Phi_1^4$
104990	1512	320	$\frac{1}{64}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{320}^5\ \Phi_{160}^5\ \Phi_{80}^5\ \Phi_{64}^4\ \Phi_{40}^5\ \Phi_{32}^4\ \Phi_{20}^5\ \Phi_{16}^4\ \Phi_{10}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4$
104991	1512	1255	$\frac{5}{251}$	$\frac{41}{251}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1255}\ \Phi_{251}^2\ \Phi_5^2\ \Phi_1^4$
104992	1512	1505	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1505}\ \Phi_{301}^2$
104993	1512	1255	$\frac{6}{251}$	$\frac{35}{251}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1255}\ \Phi_{251}^2\ \Phi_5^2\ \Phi_1^4$
104994	1512	1480	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1480}\ \Phi_{740}\ \Phi_{370}\ \Phi_{296}^2\ \Phi_{148}^2\ \Phi_{74}^2$
104995	1512	1255	$\frac{8}{251}$	$\frac{27}{251}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1255}\ \Phi_{251}^2\ \Phi_5^2\ \Phi_1^4$
104996	1512	290	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{290}^6\ \Phi_{145}^5\ \Phi_{58}^6\ \Phi_{29}^4$
104997	1512	1255	$\frac{11}{251}$	$\frac{20}{251}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1255}\ \Phi_{251}^2\ \Phi_5^2\ \Phi_1^4$
104998	1512	1430	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1430}\ \Phi_{715}\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{130}\ \Phi_{26}^2$
104999	1512	1255	$\frac{13}{251}$	$\frac{17}{251}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1255}\ \Phi_{251}^2\ \Phi_5^2\ \Phi_1^4$
105000	1512	285	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{285}^6\ \Phi_{95}^5\ \Phi_{57}^6\ \Phi_{19}^4$
105001	1512	1511	$\frac{34}{1511}$	$\frac{211}{1511}$	$\frac{325}{1511}$	$\frac{593}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105002	1512	1511	$\frac{11}{1511}$	$\frac{337}{1511}$	$\frac{500}{1511}$	$\frac{587}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105003	1512	1511	$\frac{44}{1511}$	$\frac{163}{1511}$	$\frac{337}{1511}$	$\frac{587}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105004	1512	1276	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{1276}^2\ \Phi_{319}\ \Phi_{116}^2$
105005	1512	1596	$\frac{1}{28}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{228}\ \Phi_{133}\ \Phi_{114}\ \Phi_{84}\ \Phi_{76}\ \Phi_{42}\ \Phi_{38}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
105006	1512	1651	$\frac{1}{127}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{1651}
105007	1512	1606	$\frac{1}{22}$	$\frac{5}{73}$	$\frac{17}{73}$	$\frac{28}{73}$	$\Phi_{1606}\ \Phi_{803}\ \Phi_{146}$
105008	1512	646	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{646}^4\ \Phi_{323}\ \Phi_{38}^4$
105009	1512	1511	$\frac{67}{1511}$	$\frac{104}{1511}$	$\frac{361}{1511}$	$\frac{575}{1511}$	$\Phi_{1511}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
105010	1512	1511	$\frac{51}{1511}$	$\frac{134}{1511}$	$\frac{365}{1511}$	$\frac{573}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105011	1512	1690	$\frac{5}{169}$	$\frac{1}{10}$	$\frac{41}{169}$	$\frac{64}{169}$	$\Phi_{1690}\ \Phi_{845}\ \Phi_{338}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
105012	1512	2736	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{37}{152}$	$\frac{115}{304}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{342}\ \Phi_{171}\ \Phi_{144}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}\ \Phi_{18}\ \Phi_6$
105013	1512	1736	$\frac{5}{217}$	$\frac{1}{8}$	$\frac{53}{217}$	$\frac{82}{217}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{434}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
105014	1512	1511	$\frac{19}{1511}$	$\frac{314}{1511}$	$\frac{373}{1511}$	$\frac{569}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105015	1512	404	$\frac{1}{101}$	$\frac{25}{101}$	$\frac{1}{4}$	$\frac{38}{101}$	$\Phi_{404}^5\ \Phi_{202}^5\ \Phi_4^4\ \Phi_2^4$
105016	1512	1824	$\frac{1}{57}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{304}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{48}\ \Phi_{38}\ \Phi_{12}\ \Phi_6$
105017	1512	1511	$\frac{15}{1511}$	$\frac{374}{1511}$	$\frac{379}{1511}$	$\frac{566}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105018	1512	1615	$\frac{1}{85}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1615}\ \Phi_{323}\ \Phi_{95}$
105019	1512	1511	$\frac{23}{1511}$	$\frac{248}{1511}$	$\frac{421}{1511}$	$\frac{545}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105020	1512	1600	$\frac{1}{64}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
105021	1512	798	$\frac{1}{57}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{798}^3\ \Phi_{399}\ \Phi_{266}^3\ \Phi_{133}\ \Phi_{114}^3\ \Phi_{42}^3\ \Phi_{38}^3\ \Phi_{21}\ \Phi_6^3$
105022	1512	1511	$\frac{27}{1511}$	$\frac{212}{1511}$	$\frac{433}{1511}$	$\frac{539}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105023	1512	1511	$\frac{35}{1511}$	$\frac{164}{1511}$	$\frac{449}{1511}$	$\frac{531}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105024	1512	1591	$\frac{1}{43}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	Φ_{1591}
105025	1512	1591	$\frac{1}{37}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	Φ_{1591}
105026	1512	1511	$\frac{47}{1511}$	$\frac{122}{1511}$	$\frac{463}{1511}$	$\frac{524}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105027	1512	1595	$\frac{1}{29}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}$
105028	1512	1511	$\frac{55}{1511}$	$\frac{104}{1511}$	$\frac{469}{1511}$	$\frac{521}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105029	1512	800	$\frac{1}{25}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{800}^3\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}^3\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
105030	1512	1606	$\frac{1}{22}$	$\frac{4}{73}$	$\frac{23}{73}$	$\frac{25}{73}$	$\Phi_{1606}\ \Phi_{803}\ \Phi_{146}$
105031	1512	1511	$\frac{71}{1511}$	$\frac{80}{1511}$	$\frac{477}{1511}$	$\frac{517}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105032	1512	1615	$\frac{4}{85}$	$\frac{1}{19}$	$\frac{27}{85}$	$\frac{29}{85}$	$\Phi_{1615}\ \Phi_{323}\ \Phi_{95}$
105033	1512	1511	$\frac{68}{1511}$	$\frac{83}{1511}$	$\frac{481}{1511}$	$\frac{515}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105034	1512	1635	$\frac{4}{109}$	$\frac{1}{15}$	$\frac{35}{109}$	$\frac{37}{109}$	$\Phi_{1635}\ \Phi_{545}\ \Phi_{327}$
105035	1512	1511	$\frac{50}{1511}$	$\frac{111}{1511}$	$\frac{487}{1511}$	$\frac{512}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105036	1512	1651	$\frac{4}{127}$	$\frac{1}{13}$	$\frac{41}{127}$	$\frac{43}{127}$	Φ_{1651}
105037	1512	1511	$\frac{38}{1511}$	$\frac{143}{1511}$	$\frac{491}{1511}$	$\frac{510}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105038	1512	1690	$\frac{4}{169}$	$\frac{1}{10}$	$\frac{55}{169}$	$\frac{57}{169}$	$\Phi_{1690}\ \Phi_{845}\ \Phi_{338}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
105039	1512	1511	$\frac{32}{1511}$	$\frac{167}{1511}$	$\frac{493}{1511}$	$\frac{509}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105040	1512	1736	$\frac{4}{217}$	$\frac{1}{8}$	$\frac{71}{217}$	$\frac{73}{217}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{434}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
105041	1512	1771	$\frac{4}{253}$	$\frac{1}{7}$	$\frac{83}{253}$	$\frac{85}{253}$	$\Phi_{1771}\ \Phi_{161}\ \Phi_{77}$
105042	1512	1511	$\frac{20}{1511}$	$\frac{251}{1511}$	$\frac{497}{1511}$	$\frac{507}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105043	1512	1895	$\frac{4}{379}$	$\frac{1}{5}$	$\frac{125}{379}$	$\frac{127}{379}$	Φ_{1895}
105044	1512	1511	$\frac{14}{1511}$	$\frac{335}{1511}$	$\frac{499}{1511}$	$\frac{506}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105045	1512	2020	$\frac{4}{505}$	$\frac{1}{4}$	$\frac{167}{505}$	$\frac{169}{505}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{404}\ \Phi_{202}\ \Phi_{20}\ \Phi_{10}$
105046	1512	1511	$\frac{8}{1511}$	$\frac{501}{1511}$	$\frac{503}{1511}$	$\frac{505}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105047	1512	2271	$\frac{4}{757}$	$\frac{251}{757}$	$\frac{1}{3}$	$\frac{253}{757}$	Φ_{2271}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
105048	1512	570	$\frac{1}{190}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{570}^3\ \Phi_{285}^3\ \Phi_{190}^2\ \Phi_{114}^3\ \Phi_{95}^2\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{30}^3\ \Phi_{19}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{2}^2$
105049	1512	1131	$\frac{2}{377}$	$\frac{125}{377}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1131}\ \Phi_{377}^2\ \Phi_{87}\ \Phi_{39}\ \Phi_{29}^2\ \Phi_{13}^2\ \Phi_{3}^2\ \Phi_{1}^4$
105050	1512	1524	$\frac{1}{127}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1524}\ \Phi_{762}\ \Phi_{508}^2\ \Phi_{254}^2$
105051	1512	981	$\frac{1}{109}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{981}^2\ \Phi_{327}$
105052	1512	1131	$\frac{5}{377}$	$\frac{62}{377}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1131}\ \Phi_{377}^2\ \Phi_{87}\ \Phi_{39}\ \Phi_{29}^2\ \Phi_{13}^2\ \Phi_{3}^2\ \Phi_{1}^4$
105053	1512	1344	$\frac{1}{64}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}^2\ \Phi_{336}\ \Phi_{224}^2\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
105054	1512	1131	$\frac{6}{377}$	$\frac{53}{377}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1131}\ \Phi_{377}^2\ \Phi_{87}\ \Phi_{39}\ \Phi_{29}^2\ \Phi_{13}^2\ \Phi_{3}^2\ \Phi_{1}^4$
105055	1512	1320	$\frac{1}{55}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}^2\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}^2\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{10}^2$
105056	1512	1131	$\frac{8}{377}$	$\frac{41}{377}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1131}\ \Phi_{377}^2\ \Phi_{87}\ \Phi_{39}\ \Phi_{29}^2\ \Phi_{13}^2\ \Phi_{3}^2\ \Phi_{1}^4$
105057	1512	1290	$\frac{1}{43}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{430}^2\ \Phi_{258}\ \Phi_{215}^2\ \Phi_{86}^2$
105058	1512	195	$\frac{2}{65}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^6\ \Phi_{65}^{12}\ \Phi_{39}^5\ \Phi_{15}^6\ \Phi_{13}^{10}\ \Phi_{5}^{12}\ \Phi_{3}^6\ \Phi_{1}^{12}$
105059	1512	87	$\frac{1}{29}$	$\frac{2}{29}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{87}^{13}\ \Phi_{29}^{26}\ \Phi_{3}^{14}\ \Phi_{1}^{28}$
105060	1512	420	$\frac{1}{28}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^3\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^3\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{20}^4\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
105061	1512	1131	$\frac{17}{377}$	$\frac{20}{377}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1131}\ \Phi_{377}^2\ \Phi_{87}\ \Phi_{39}\ \Phi_{29}^2\ \Phi_{13}^2\ \Phi_{3}^2\ \Phi_{1}^4$
105062	1512	1254	$\frac{1}{22}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}^2\ \Phi_{209}^2\ \Phi_{114}\ \Phi_{38}^2$
105063	1512	3012	$\frac{2}{251}$	$\frac{1}{4}$	$\frac{83}{251}$	$\frac{1}{3}$	$\Phi_{3012}\ \Phi_{1506}\ \Phi_{12}^2\ \Phi_{6}^2$
105064	1512	2271	$\frac{7}{757}$	$\frac{169}{757}$	$\frac{250}{757}$	$\frac{1}{3}$	Φ_{2271}
105065	1512	1935	$\frac{2}{215}$	$\frac{2}{9}$	$\frac{71}{215}$	$\frac{1}{3}$	$\Phi_{1935}\ \Phi_{387}\ \Phi_{215}\ \Phi_{45}\ \Phi_{43}\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{1}^2$
105066	1512	1410	$\frac{1}{94}$	$\frac{1}{5}$	$\frac{31}{94}$	$\frac{1}{3}$	$\Phi_{1410}^2\ \Phi_{705}^2\ \Phi_{30}^2\ \Phi_{15}^3$
105067	1512	2271	$\frac{10}{757}$	$\frac{127}{757}$	$\frac{249}{757}$	$\frac{1}{3}$	Φ_{2271}
105068	1512	2625	$\frac{2}{125}$	$\frac{1}{7}$	$\frac{41}{125}$	$\frac{1}{3}$	$\Phi_{2625}\ \Phi_{525}\ \Phi_{105}\ \Phi_{21}^2$
105069	1512	2568	$\frac{2}{107}$	$\frac{1}{8}$	$\frac{35}{107}$	$\frac{1}{3}$	$\Phi_{2568}\ \Phi_{1284}\ \Phi_{642}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
105070	1512	2271	$\frac{16}{757}$	$\frac{85}{757}$	$\frac{247}{757}$	$\frac{1}{3}$	Φ_{2271}
105071	1512	2490	$\frac{2}{83}$	$\frac{1}{10}$	$\frac{27}{83}$	$\frac{1}{3}$	$\Phi_{2490}\ \Phi_{1245}\ \Phi_{498}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
105072	1512	2271	$\frac{19}{757}$	$\frac{73}{757}$	$\frac{246}{757}$	$\frac{1}{3}$	Φ_{2271}
105073	1512	1209	$\frac{1}{31}$	$\frac{1}{13}$	$\frac{10}{31}$	$\frac{1}{3}$	$\Phi_{1209}^2\ \Phi_{39}^3$
105074	1512	2271	$\frac{25}{757}$	$\frac{57}{757}$	$\frac{244}{757}$	$\frac{1}{3}$	Φ_{2271}
105075	1512	795	$\frac{2}{53}$	$\frac{1}{15}$	$\frac{17}{53}$	$\frac{1}{3}$	$\Phi_{795}^2\ \Phi_{265}^2\ \Phi_{159}\ \Phi_{53}^2\ \Phi_{15}^4\ \Phi_{5}^4\ \Phi_{3}^2\ \Phi_{1}^4$
105076	1512	2271	$\frac{34}{757}$	$\frac{43}{757}$	$\frac{241}{757}$	$\frac{1}{3}$	Φ_{2271}
105077	1512	2337	$\frac{2}{41}$	$\frac{1}{19}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{2337}\ \Phi_{57}^2$
105078	1512	2271	$\frac{37}{757}$	$\frac{40}{757}$	$\frac{239}{757}$	$\frac{1}{3}$	Φ_{2271}
105079	1512	2310	$\frac{1}{22}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{66}^2\ \Phi_{42}\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{6}^2$
105080	1512	2271	$\frac{29}{757}$	$\frac{52}{757}$	$\frac{235}{757}$	$\frac{1}{3}$	Φ_{2271}
105081	1512	2268	$\frac{1}{28}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{162}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
105082	1512	1131	$\frac{1}{29}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{1131}^2\ \Phi_{87}^3$
105083	1512	2271	$\frac{25}{757}$	$\frac{61}{757}$	$\frac{232}{757}$	$\frac{1}{3}$	Φ_{2271}
105084	1512	1110	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{1110}^2\ \Phi_{555}^2\ \Phi_{222}^2\ \Phi_{111}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
105085	1512	2271	$\frac{19}{757}$	$\frac{82}{757}$	$\frac{225}{757}$	$\frac{1}{3}$	Φ_{2271}
105086	1512	2193	$\frac{1}{43}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{2193}\ \Phi_{129}^2$
105087	1512	2271	$\frac{15}{757}$	$\frac{106}{757}$	$\frac{217}{757}$	$\frac{1}{3}$	Φ_{2271}
105088	1512	2271	$\frac{13}{757}$	$\frac{124}{757}$	$\frac{211}{757}$	$\frac{1}{3}$	Φ_{2271}
105089	1512	2112	$\frac{1}{64}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}^2\ \Phi_{132}\ \Phi_{96}^2\ \Phi_{66}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
105090	1512	2271	$\frac{9}{757}$	$\frac{187}{757}$	$\frac{190}{757}$	$\frac{1}{3}$	Φ_{2271}
105091	1512	1020	$\frac{1}{85}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{255}^3\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{60}^2\ \Phi_{51}^3\ \Phi_{30}^2\ \Phi_{15}^3$
105092	1512	3012	$\frac{3}{251}$	$\frac{62}{251}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3012}\ \Phi_{1506}\ \Phi_{12}^2\ \Phi_6^2$
105093	1512	2628	$\frac{1}{73}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2628}\ \Phi_{1314}\ \Phi_{292}\ \Phi_{146}$
105094	1512	960	$\frac{1}{64}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{960}^3\ \Phi_{480}^3\ \Phi_{240}^3\ \Phi_{120}^3\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^3$
105095	1512	3012	$\frac{5}{251}$	$\frac{41}{251}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3012}\ \Phi_{1506}\ \Phi_{12}^2\ \Phi_6^2$
105096	1512	3612	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3612}\ \Phi_{1806}$
105097	1512	3012	$\frac{6}{251}$	$\frac{35}{251}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3012}\ \Phi_{1506}\ \Phi_{12}^2\ \Phi_6^2$
105098	1512	888	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{888}^3\ \Phi_{444}^2\ \Phi_{222}^2\ \Phi_{111}^3$
105099	1512	3012	$\frac{8}{251}$	$\frac{27}{251}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3012}\ \Phi_{1506}\ \Phi_{12}^2\ \Phi_6^2$
105100	1512	1740	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1740}^2\ \Phi_{870}\ \Phi_{435}\ \Phi_{348}\ \Phi_{87}$
105101	1512	3012	$\frac{11}{251}$	$\frac{20}{251}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3012}\ \Phi_{1506}\ \Phi_{12}^2\ \Phi_6^2$
105102	1512	1716	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1716}^2\ \Phi_{858}\ \Phi_{429}\ \Phi_{156}\ \Phi_{39}$
105103	1512	3012	$\frac{13}{251}$	$\frac{17}{251}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3012}\ \Phi_{1506}\ \Phi_{12}^2\ \Phi_6^2$
105104	1512	1140	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{228}\ \Phi_{190}^2\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{38}^2$
105105	1512	1935	$\frac{3}{215}$	$\frac{2}{9}$	$\frac{53}{215}$	$\frac{1}{3}$	$\Phi_{1935}\ \Phi_{387}\ \Phi_{215}\ \Phi_{45}\ \Phi_{43}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
105106	1512	2568	$\frac{3}{107}$	$\frac{1}{8}$	$\frac{26}{107}$	$\frac{1}{3}$	$\Phi_{2568}\ \Phi_{1284}\ \Phi_{642}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
105107	1512	2271	$\frac{25}{757}$	$\frac{82}{757}$	$\frac{183}{757}$	$\frac{1}{3}$	Φ_{2271}
105108	1512	2490	$\frac{3}{83}$	$\frac{1}{10}$	$\frac{20}{83}$	$\frac{1}{3}$	$\Phi_{2490}\ \Phi_{1245}\ \Phi_{498}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
105109	1512	2271	$\frac{33}{757}$	$\frac{64}{757}$	$\frac{181}{757}$	$\frac{1}{3}$	Φ_{2271}
105110	1512	2310	$\frac{1}{22}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{66}^2\ \Phi_{42}\ \Phi_{33}^2\ \Phi_{30}\ \Phi_6^2$
105111	1512	2271	$\frac{28}{757}$	$\frac{81}{757}$	$\frac{169}{757}$	$\frac{1}{3}$	Φ_{2271}
105112	1512	495	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{495}^4\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{45}^3\ \Phi_{11}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_1^4$
105113	1512	387	$\frac{1}{43}$	$\frac{7}{43}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{387}^5\ \Phi_{43}^5\ \Phi_9^6\ \Phi_1^6$
105114	1512	2331	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2331}\ \Phi_{259}$
105115	1512	1935	$\frac{7}{215}$	$\frac{26}{215}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1935}\ \Phi_{387}\ \Phi_{215}\ \Phi_{45}\ \Phi_{43}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
105116	1512	252	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^7\ \Phi_{63}^6\ \Phi_{42}^7\ \Phi_{36}^6\ \Phi_{28}^6\ \Phi_{21}^7\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_{12}^7\ \Phi_7^6\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
105117	1512	1935	$\frac{8}{215}$	$\frac{23}{215}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1935}\ \Phi_{387}\ \Phi_{215}\ \Phi_{45}\ \Phi_{43}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
105118	1512	450	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{450}^5\ \Phi_{225}^4\ \Phi_{90}^4\ \Phi_{50}^5\ \Phi_{45}^3\ \Phi_{25}^4\ \Phi_{18}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
105119	1512	1935	$\frac{11}{215}$	$\frac{17}{215}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1935}\ \Phi_{387}\ \Phi_{215}\ \Phi_{45}\ \Phi_{43}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
105120	1512	2223	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2223}\ \Phi_{247}$
105121	1512	2271	$\frac{22}{757}$	$\frac{105}{757}$	$\frac{163}{757}$	$\frac{1}{3}$	Φ_{2271}
105122	1512	705	$\frac{1}{47}$	$\frac{46}{235}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{705}^3\ \Phi_{141}^4\ \Phi_{15}^4\ \Phi_3^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
105123	1512	2775	$\frac{1}{37}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2775}\ \Phi_{111}$
105124	1512	1365	$\frac{2}{65}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1365}^2\ \Phi_{273}^2\ \Phi_{105}\ \Phi_{21}^2$
105125	1512	1410	$\frac{3}{94}$	$\frac{13}{94}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1410}^2\ \Phi_{705}^2\ \Phi_{30}^2\ \Phi_{15}^3$
105126	1512	840	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{840}^4\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{120}^3\ \Phi_{105}^3\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^3$
105127	1512	705	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{705}^4\ \Phi_{15}^5$
105128	1512	330	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{330}^7\ \Phi_{165}^7\ \Phi_{66}^8\ \Phi_{33}^8\ \Phi_{30}^3\ \Phi_{15}^4\ \Phi_{6}^4\ \Phi_{3}^4$
105129	1512	525	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{3}$	$\Phi_{525}^5\ \Phi_{105}^5\ \Phi_{21}^6$
105130	1512	2271	$\frac{31}{757}$	$\frac{106}{757}$	$\frac{121}{757}$	$\frac{1}{3}$	Φ_{2271}
105131	1512	2568	$\frac{5}{107}$	$\frac{1}{8}$	$\frac{17}{107}$	$\frac{1}{3}$	$\Phi_{2568}\ \Phi_{1284}\ \Phi_{642}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
105132	1512	2271	$\frac{37}{757}$	$\frac{91}{757}$	$\frac{120}{757}$	$\frac{1}{3}$	Φ_{2271}
105133	1512	2490	$\frac{5}{83}$	$\frac{1}{10}$	$\frac{13}{83}$	$\frac{1}{3}$	$\Phi_{2490}\ \Phi_{1245}\ \Phi_{498}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
105134	1512	2271	$\frac{49}{757}$	$\frac{71}{757}$	$\frac{118}{757}$	$\frac{1}{3}$	Φ_{2271}
105135	1512	795	$\frac{1}{15}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{3}$	$\Phi_{795}^2\ \Phi_{265}^2\ \Phi_{159}\ \Phi_{53}^2\ \Phi_{15}^4\ \Phi_{5}^4\ \Phi_{3}^2\ \Phi_{1}^4$
105136	1512	2271	$\frac{46}{757}$	$\frac{79}{757}$	$\frac{113}{757}$	$\frac{1}{3}$	Φ_{2271}
105137	1512	2337	$\frac{1}{19}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{3}$	$\Phi_{2337}\ \Phi_{57}^2$
105138	1512	2271	$\frac{36}{757}$	$\frac{103}{757}$	$\frac{109}{757}$	$\frac{1}{3}$	Φ_{2271}
105139	1512	462	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{462}^5\ \Phi_{231}^5\ \Phi_{66}^6\ \Phi_{42}^5\ \Phi_{33}^6\ \Phi_{6}^6$
105140	1512	2625	$\frac{6}{125}$	$\frac{17}{125}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2625}\ \Phi_{525}\ \Phi_{105}\ \Phi_{21}^2$
105141	1512	3192	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{3192}\ \Phi_{1596}\ \Phi_{798}$
105142	1512	2625	$\frac{8}{125}$	$\frac{13}{125}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2625}\ \Phi_{525}\ \Phi_{105}\ \Phi_{21}^2$
105143	1512	210	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{210}^9\ \Phi_{105}^7\ \Phi_{70}^{10}\ \Phi_{42}^9\ \Phi_{35}^8\ \Phi_{21}^8\ \Phi_{14}^{10}\ \Phi_{7}^8$
105144	1512	2490	$\frac{6}{83}$	$\frac{1}{10}$	$\frac{11}{83}$	$\frac{1}{3}$	$\Phi_{2490}\ \Phi_{1245}\ \Phi_{498}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
105145	1512	2271	$\frac{57}{757}$	$\frac{73}{757}$	$\frac{100}{757}$	$\frac{1}{3}$	Φ_{2271}
105146	1512	1209	$\frac{1}{13}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{3}$	$\Phi_{1209}^2\ \Phi_{39}^3$
105147	1512	2271	$\frac{55}{757}$	$\frac{78}{757}$	$\frac{97}{757}$	$\frac{1}{3}$	Φ_{2271}
105148	1512	2568	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{2568}\ \Phi_{1284}\ \Phi_{642}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
105149	1512	1560	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1560}^2\ \Phi_{780}^2\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{39}$
105150	1512	668	$\frac{2}{167}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{55}{167}$	$\Phi_{668}^2\ \Phi_{334}^2\ \Phi_{167}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
105151	1512	1511	$\frac{20}{1511}$	$\frac{338}{1511}$	$\frac{391}{1511}$	$\frac{497}{1511}$	$\Phi_{1511}\ \Phi_{1}^2$
105152	1512	2020	$\frac{7}{505}$	$\frac{113}{505}$	$\frac{1}{4}$	$\frac{166}{505}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{404}\ \Phi_{202}\ \Phi_{20}\ \Phi_{10}$
105153	1512	1375	$\frac{2}{125}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{41}{125}$	$\Phi_{1375}\ \Phi_{275}\ \Phi_{125}^2\ \Phi_{55}\ \Phi_{25}^2\ \Phi_{11}^2\ \Phi_{5}^2\ \Phi_{1}^4$
105154	1512	500	$\frac{2}{125}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{41}{125}$	$\Phi_{500}^4\ \Phi_{250}^4\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_{4}^4\ \Phi_{2}^4$
105155	1512	1511	$\frac{26}{1511}$	$\frac{254}{1511}$	$\frac{419}{1511}$	$\frac{495}{1511}$	$\Phi_{1511}\ \Phi_{1}^2$
105156	1512	1895	$\frac{7}{379}$	$\frac{1}{5}$	$\frac{85}{379}$	$\frac{124}{379}$	Φ_{1895}
105157	1512	1511	$\frac{29}{1511}$	$\frac{293}{1511}$	$\frac{339}{1511}$	$\frac{494}{1511}$	$\Phi_{1511}\ \Phi_{1}^2$
105158	1512	404	$\frac{2}{101}$	$\frac{17}{101}$	$\frac{1}{4}$	$\frac{33}{101}$	$\Phi_{404}^5\ \Phi_{202}^5\ \Phi_{4}^4\ \Phi_{2}^4$
105159	1512	1411	$\frac{2}{83}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{27}{83}$	$\Phi_{1411}\ \Phi_{83}^2\ \Phi_{17}^2\ \Phi_{1}^4$
105160	1512	2324	$\frac{2}{83}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{27}{83}$	$\Phi_{2324}\ \Phi_{1162}\ \Phi_{28}^2\ \Phi_{14}^2$
105161	1512	1511	$\frac{38}{1511}$	$\frac{170}{1511}$	$\frac{447}{1511}$	$\frac{491}{1511}$	$\Phi_{1511}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
105162	1512	1771	$\frac{7}{253}$	$\frac{1}{7}$	$\frac{57}{253}$	$\frac{82}{253}$	$\Phi_{1771}\ \Phi_{161}\ \Phi_{77}$
105163	1512	710	$\frac{2}{71}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{23}{71}$	$\Phi_{710}^2\ \Phi_{355}^2\ \Phi_{142}^2\ \Phi_{71}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
105164	1512	568	$\frac{2}{71}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{23}{71}$	$\Phi_{568}^3\ \Phi_{284}^2\ \Phi_{142}^2\ \Phi_{71}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
105165	1512	1775	$\frac{2}{71}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{23}{71}$	$\Phi_{1775}\ \Phi_{71}\ \Phi_{25}^2\ \Phi_1^2$
105166	1512	1511	$\frac{44}{1511}$	$\frac{146}{1511}$	$\frac{455}{1511}$	$\frac{489}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105167	1512	1511	$\frac{47}{1511}$	$\frac{195}{1511}$	$\frac{341}{1511}$	$\frac{488}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105168	1512	2020	$\frac{16}{505}$	$\frac{57}{505}$	$\frac{1}{4}$	$\frac{163}{505}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{404}\ \Phi_{202}\ \Phi_{20}\ \Phi_{10}$
105169	1512	713	$\frac{1}{31}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{10}{31}$	$\Phi_{713}^2\ \Phi_{31}^4\ \Phi_{23}^3\ \Phi_1^6$
105170	1512	1116	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{10}{31}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{372}^2\ \Phi_{186}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_6^3$
105171	1512	248	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{7}{31}$	$\frac{10}{31}$	$\Phi_{248}^7\ \Phi_{124}^7\ \Phi_{62}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6$
105172	1512	713	$\frac{1}{31}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{10}{31}$	$\Phi_{713}^2\ \Phi_{31}^4\ \Phi_{23}^3\ \Phi_1^6$
105173	1512	1085	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{10}{31}$	$\Phi_{1085}^2\ \Phi_{35}^3$
105174	1512	1511	$\frac{50}{1511}$	$\frac{128}{1511}$	$\frac{461}{1511}$	$\frac{487}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105175	1512	1710	$\frac{7}{190}$	$\frac{1}{9}$	$\frac{43}{190}$	$\frac{61}{190}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{342}\ \Phi_{285}\ \Phi_{171}\ \Phi_{114}\ \Phi_{90}\ \Phi_{57}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
105176	1512	1511	$\frac{56}{1511}$	$\frac{167}{1511}$	$\frac{342}{1511}$	$\frac{485}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105177	1512	1511	$\frac{56}{1511}$	$\frac{171}{1511}$	$\frac{335}{1511}$	$\frac{485}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105178	1512	2020	$\frac{19}{505}$	$\frac{49}{505}$	$\frac{1}{4}$	$\frac{162}{505}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{404}\ \Phi_{202}\ \Phi_{20}\ \Phi_{10}$
105179	1512	477	$\frac{2}{53}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{17}{53}$	$\Phi_{477}^3\ \Phi_{159}^3\ \Phi_{53}^4\ \Phi_9^6\ \Phi_3^6\ \Phi_1^8$
105180	1512	2120	$\frac{2}{53}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{17}{53}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
105181	1512	1771	$\frac{10}{253}$	$\frac{1}{7}$	$\frac{43}{253}$	$\frac{81}{253}$	$\Phi_{1771}\ \Phi_{161}\ \Phi_{77}$
105182	1512	1511	$\frac{62}{1511}$	$\frac{209}{1511}$	$\frac{257}{1511}$	$\frac{483}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105183	1512	1895	$\frac{16}{379}$	$\frac{43}{379}$	$\frac{1}{5}$	$\frac{121}{379}$	Φ_{1895}
105184	1512	1511	$\frac{65}{1511}$	$\frac{146}{1511}$	$\frac{343}{1511}$	$\frac{482}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105185	1512	1511	$\frac{65}{1511}$	$\frac{147}{1511}$	$\frac{341}{1511}$	$\frac{482}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105186	1512	2020	$\frac{22}{505}$	$\frac{43}{505}$	$\frac{1}{4}$	$\frac{161}{505}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{404}\ \Phi_{202}\ \Phi_{20}\ \Phi_{10}$
105187	1512	1736	$\frac{10}{217}$	$\frac{1}{8}$	$\frac{37}{217}$	$\frac{69}{217}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{434}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
105188	1512	1435	$\frac{2}{41}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{13}{41}$	$\Phi_{1435}\ \Phi_{287}\ \Phi_{205}\ \Phi_{41}^2\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
105189	1512	2132	$\frac{2}{41}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{13}{41}$	$\Phi_{2132}\ \Phi_{1066}\ \Phi_{52}^2\ \Phi_{26}^2$
105190	1512	1435	$\frac{2}{41}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{13}{41}$	$\Phi_{1435}\ \Phi_{287}\ \Phi_{205}\ \Phi_{41}^2\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
105191	1512	410	$\frac{2}{41}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{13}{41}$	$\Phi_{410}^4\ \Phi_{205}^3\ \Phi_{82}^4\ \Phi_{41}^4\ \Phi_{10}^8\ \Phi_5^6\ \Phi_2^8\ \Phi_1^8$
105192	1512	287	$\frac{2}{41}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{13}{41}$	$\Phi_{287}^5\ \Phi_{41}^6\ \Phi_7^{10}\ \Phi_1^{12}$
105193	1512	1511	$\frac{74}{1511}$	$\frac{86}{1511}$	$\frac{475}{1511}$	$\frac{479}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105194	1512	1511	$\frac{74}{1511}$	$\frac{179}{1511}$	$\frac{258}{1511}$	$\frac{479}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105195	1512	1895	$\frac{19}{379}$	$\frac{37}{379}$	$\frac{1}{5}$	$\frac{120}{379}$	Φ_{1895}
105196	1512	684	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{13}{76}$	$\frac{6}{19}$	$\Phi_{684}^3\ \Phi_{342}^3\ \Phi_{228}^3\ \Phi_{171}\ \Phi_{114}^3\ \Phi_{57}\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_6^3$
105197	1512	1511	$\frac{83}{1511}$	$\frac{115}{1511}$	$\frac{349}{1511}$	$\frac{476}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105198	1512	1651	$\frac{7}{127}$	$\frac{1}{13}$	$\frac{29}{127}$	$\frac{40}{127}$	Φ_{1651}
105199	1512	420	$\frac{2}{35}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{11}{35}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^4\ \Phi_{84}^5\ \Phi_{70}^4\ \Phi_{60}^6\ \Phi_{42}^5\ \Phi_{30}^6\ \Phi_{28}^4\ \Phi_{20}^5\ \Phi_{14}^4\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_6^6\ \Phi_4^4\ \Phi_2^4$
105200	1512	1435	$\frac{2}{35}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{11}{35}$	$\Phi_{1435}\ \Phi_{287}\ \Phi_{205}\ \Phi_{41}^2\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
105201	1512	280	$\frac{2}{35}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{11}{35}$	$\Phi_{280}^{6}\ \Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{56}^{7}\ \Phi_{40}^{6}\ \Phi_{28}^{7}\ \Phi_{20}^{6}\ \Phi_{14}^{7}\ \Phi_{10}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
105202	1512	1690	$\frac{10}{169}$	$\frac{1}{10}$	$\frac{29}{169}$	$\frac{53}{169}$	$\Phi_{1690}\ \Phi_{845}\ \Phi_{338}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
105203	1512	1511	$\frac{92}{1511}$	$\frac{173}{1511}$	$\frac{223}{1511}$	$\frac{473}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
105204	1512	1771	$\frac{16}{253}$	$\frac{29}{253}$	$\frac{1}{7}$	$\frac{79}{253}$	$\Phi_{1771}\ \Phi_{161}\ \Phi_{77}$
105205	1512	1635	$\frac{7}{109}$	$\frac{1}{15}$	$\frac{25}{109}$	$\frac{34}{109}$	$\Phi_{1635}\ \Phi_{545}\ \Phi_{327}$
105206	1512	1511	$\frac{98}{1511}$	$\frac{139}{1511}$	$\frac{260}{1511}$	$\frac{471}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
105207	1512	1895	$\frac{25}{379}$	$\frac{29}{379}$	$\frac{1}{5}$	$\frac{118}{379}$	Φ_{1895}
105208	1512	1511	$\frac{97}{1511}$	$\frac{101}{1511}$	$\frac{347}{1511}$	$\frac{470}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
105209	1512	2020	$\frac{29}{505}$	$\frac{34}{505}$	$\frac{1}{4}$	$\frac{157}{505}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{404}\ \Phi_{202}\ \Phi_{20}\ \Phi_{10}$
105210	1512	1511	$\frac{107}{1511}$	$\frac{149}{1511}$	$\frac{227}{1511}$	$\frac{468}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
105211	1512	1511	$\frac{110}{1511}$	$\frac{174}{1511}$	$\frac{191}{1511}$	$\frac{467}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
105212	1512	1736	$\frac{16}{217}$	$\frac{25}{217}$	$\frac{1}{8}$	$\frac{67}{217}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{434}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
105213	1512	1771	$\frac{19}{253}$	$\frac{25}{253}$	$\frac{1}{7}$	$\frac{78}{253}$	$\Phi_{1771}\ \Phi_{161}\ \Phi_{77}$
105214	1512	715	$\frac{3}{55}$	$\frac{1}{13}$	$\frac{13}{55}$	$\frac{4}{13}$	$\Phi_{715}^{2}\ \Phi_{143}^{2}\ \Phi_{65}^{2}\ \Phi_{55}^{3}\ \Phi_{13}^{4}\ \Phi_{11}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{6}$
105215	1512	195	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{195}^{8}\ \Phi_{65}^{6}\ \Phi_{39}^{8}\ \Phi_{15}^{12}\ \Phi_{13}^{8}\ \Phi_{5}^{9}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
105216	1512	429	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{4}{13}$	$\Phi_{429}^{4}\ \Phi_{143}^{2}\ \Phi_{39}^{4}\ \Phi_{33}^{6}\ \Phi_{13}^{4}\ \Phi_{11}^{3}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
105217	1512	130	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{65}$	$\frac{4}{13}$	$\Phi_{130}^{13}\ \Phi_{65}^{10}\ \Phi_{26}^{13}\ \Phi_{13}^{12}\ \Phi_{10}^{12}\ \Phi_{5}^{9}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
105218	1512	715	$\frac{1}{13}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{4}{13}$	$\Phi_{715}^{2}\ \Phi_{143}^{2}\ \Phi_{65}^{2}\ \Phi_{55}^{3}\ \Phi_{13}^{4}\ \Phi_{11}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{6}$
105219	1512	936	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{13}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{312}^{2}\ \Phi_{234}^{2}\ \Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{72}^{3}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
105220	1512	1511	$\frac{83}{1511}$	$\frac{119}{1511}$	$\frac{349}{1511}$	$\frac{464}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
105221	1512	404	$\frac{5}{101}$	$\frac{8}{101}$	$\frac{1}{4}$	$\frac{31}{101}$	$\Phi_{404}^{5}\ \Phi_{202}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
105222	1512	847	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{37}{121}$	$\Phi_{847}^{2}\ \Phi_{77}^{3}\ \Phi_{7}^{2}$
105223	1512	1511	$\frac{75}{1511}$	$\frac{128}{1511}$	$\frac{359}{1511}$	$\frac{461}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
105224	1512	1012	$\frac{1}{22}$	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{1012}^{2}\ \Phi_{506}\ \Phi_{253}\ \Phi_{92}\ \Phi_{44}^{4}\ \Phi_{23}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
105225	1512	713	$\frac{2}{23}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{7}{23}$	$\Phi_{713}^{2}\ \Phi_{31}^{4}\ \Phi_{23}^{3}\ \Phi_{1}^{6}$
105226	1512	920	$\frac{2}{23}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{23}$	$\Phi_{920}^{2}\ \Phi_{460}^{2}\ \Phi_{230}\ \Phi_{184}\ \Phi_{115}\ \Phi_{92}\ \Phi_{40}^{4}\ \Phi_{23}\ \Phi_{20}^{4}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
105227	1512	1635	$\frac{1}{15}$	$\frac{10}{109}$	$\frac{19}{109}$	$\frac{33}{109}$	$\Phi_{1635}\ \Phi_{545}\ \Phi_{327}$
105228	1512	1606	$\frac{1}{22}$	$\frac{7}{73}$	$\frac{17}{73}$	$\frac{22}{73}$	$\Phi_{1606}\ \Phi_{803}\ \Phi_{146}$
105229	1512	1511	$\frac{132}{1511}$	$\frac{146}{1511}$	$\frac{197}{1511}$	$\frac{455}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
105230	1512	1511	$\frac{149}{1511}$	$\frac{151}{1511}$	$\frac{170}{1511}$	$\frac{454}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
105231	1512	100	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{100}^{21}\ \Phi_{50}^{11}\ \Phi_{25}^{10}\ \Phi_{20}^{17}\ \Phi_{10}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{16}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
105232	1512	710	$\frac{3}{71}$	$\frac{1}{10}$	$\frac{17}{71}$	$\frac{3}{10}$	$\Phi_{710}^{2}\ \Phi_{355}^{2}\ \Phi_{142}^{2}\ \Phi_{71}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
105233	1512	190	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{190}^{8}\ \Phi_{95}^{9}\ \Phi_{38}^{8}\ \Phi_{19}^{8}$
105234	1512	710	$\frac{5}{71}$	$\frac{1}{10}$	$\frac{11}{71}$	$\frac{3}{10}$	$\Phi_{710}^{2}\ \Phi_{355}^{2}\ \Phi_{142}^{2}\ \Phi_{71}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
105235	1512	910	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{10}$	$\Phi_{910}^{2}\ \Phi_{455}^{2}\ \Phi_{182}^{2}\ \Phi_{91}^{3}$
105236	1512	710	$\frac{7}{71}$	$\frac{1}{10}$	$\frac{8}{71}$	$\frac{3}{10}$	$\Phi_{710}^{2}\ \Phi_{355}^{2}\ \Phi_{142}^{2}\ \Phi_{71}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
105237	1512	90	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{3}{10}$	$\Phi_{90}^{19}\ \Phi_{45}^{19}\ \Phi_{30}^{19}\ \Phi_{18}^{19}\ \Phi_{15}^{19}\ \Phi_{9}^{18}\ \Phi_{6}^{19}\ \Phi_{3}^{18}$
105238	1512	1736	$\frac{19}{217}$	$\frac{22}{217}$	$\frac{1}{8}$	$\frac{65}{217}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{434}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
105239	1512	1511	$\frac{89}{1511}$	$\frac{158}{1511}$	$\frac{265}{1511}$	$\frac{451}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
105240	1512	1895	$\frac{19}{379}$	$\frac{40}{379}$	$\frac{1}{5}$	$\frac{113}{379}$	Φ_{1895}
105241	1512	1511	$\frac{59}{1511}$	$\frac{164}{1511}$	$\frac{363}{1511}$	$\frac{449}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
105242	1512	1511	$\frac{118}{1511}$	$\frac{164}{1511}$	$\frac{199}{1511}$	$\frac{449}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
105243	1512	1600	$\frac{1}{25}$	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
105244	1512	1690	$\frac{1}{10}$	$\frac{17}{169}$	$\frac{19}{169}$	$\frac{50}{169}$	$\Phi_{1690}\ \Phi_{845}\ \Phi_{338}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
105245	1512	1511	$\frac{151}{1511}$	$\frac{152}{1511}$	$\frac{170}{1511}$	$\frac{447}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
105246	1512	1736	$\frac{17}{217}$	$\frac{25}{217}$	$\frac{1}{8}$	$\frac{64}{217}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{434}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
105247	1512	1972	$\frac{1}{29}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{1972}\ \Phi_{986}\ \Phi_{116}^{2}\ \Phi_{58}^{2}$
105248	1512	1411	$\frac{3}{83}$	$\frac{2}{17}$	$\frac{20}{83}$	$\frac{5}{17}$	$\Phi_{1411}\ \Phi_{83}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
105249	1512	1870	$\frac{1}{22}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{170}\ \Phi_{110}^{2}\ \Phi_{55}^{2}\ \Phi_{10}^{2}$
105250	1512	323	$\frac{1}{19}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{323}^{5}\ \Phi_{19}^{4}$
105251	1512	1411	$\frac{5}{83}$	$\frac{2}{17}$	$\frac{13}{83}$	$\frac{5}{17}$	$\Phi_{1411}\ \Phi_{83}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
105252	1512	1785	$\frac{1}{15}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{5}{17}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{105}^{2}\ \Phi_{35}^{2}\ \Phi_{21}^{2}$
105253	1512	1411	$\frac{6}{83}$	$\frac{2}{17}$	$\frac{11}{83}$	$\frac{5}{17}$	$\Phi_{1411}\ \Phi_{83}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
105254	1512	1768	$\frac{1}{13}$	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{5}{17}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{442}\ \Phi_{104}^{2}\ \Phi_{52}^{2}\ \Phi_{26}^{2}$
105255	1512	1511	$\frac{55}{1511}$	$\frac{182}{1511}$	$\frac{356}{1511}$	$\frac{443}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
105256	1512	1511	$\frac{89}{1511}$	$\frac{182}{1511}$	$\frac{237}{1511}$	$\frac{443}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
105257	1512	2020	$\frac{17}{505}$	$\frac{61}{505}$	$\frac{1}{4}$	$\frac{148}{505}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{404}\ \Phi_{202}\ \Phi_{20}\ \Phi_{10}$
105258	1512	1651	$\frac{1}{13}$	$\frac{15}{127}$	$\frac{16}{127}$	$\frac{37}{127}$	Φ_{1651}
105259	1512	1511	$\frac{51}{1511}$	$\frac{191}{1511}$	$\frac{365}{1511}$	$\frac{440}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
105260	1512	1511	$\frac{119}{1511}$	$\frac{174}{1511}$	$\frac{191}{1511}$	$\frac{440}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
105261	1512	1595	$\frac{1}{29}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}$
105262	1512	1511	$\frac{134}{1511}$	$\frac{153}{1511}$	$\frac{194}{1511}$	$\frac{439}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
105263	1512	1690	$\frac{15}{169}$	$\frac{1}{10}$	$\frac{22}{169}$	$\frac{49}{169}$	$\Phi_{1690}\ \Phi_{845}\ \Phi_{338}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
105264	1512	342	$\frac{3}{38}$	$\frac{1}{9}$	$\frac{5}{38}$	$\frac{11}{38}$	$\Phi_{342}^{5}\ \Phi_{171}^{5}\ \Phi_{114}^{5}\ \Phi_{57}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{4}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
105265	1512	1511	$\frac{111}{1511}$	$\frac{179}{1511}$	$\frac{200}{1511}$	$\frac{437}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
105266	1512	1771	$\frac{15}{253}$	$\frac{34}{253}$	$\frac{1}{7}$	$\frac{73}{253}$	$\Phi_{1771}\ \Phi_{161}\ \Phi_{77}$
105267	1512	1511	$\frac{69}{1511}$	$\frac{206}{1511}$	$\frac{269}{1511}$	$\frac{435}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
105268	1512	1606	$\frac{1}{22}$	$\frac{10}{73}$	$\frac{13}{73}$	$\frac{21}{73}$	$\Phi_{1606}\ \Phi_{803}\ \Phi_{146}$
105269	1512	1895	$\frac{15}{379}$	$\frac{52}{379}$	$\frac{1}{5}$	$\frac{109}{379}$	Φ_{1895}
105270	1512	1511	$\frac{48}{1511}$	$\frac{209}{1511}$	$\frac{359}{1511}$	$\frac{434}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
105271	1512	404	$\frac{3}{101}$	$\frac{14}{101}$	$\frac{1}{4}$	$\frac{29}{101}$	$\Phi_{404}^{5}\ \Phi_{202}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
105272	1512	1511	$\frac{77}{1511}$	$\frac{212}{1511}$	$\frac{239}{1511}$	$\frac{433}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
105273	1512	616	$\frac{5}{77}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{616}^{3}\ \Phi_{308}^{3}\ \Phi_{154}^{3}\ \Phi_{88}^{3}\ \Phi_{56}\ \Phi_{44}^{3}\ \Phi_{28}\ \Phi_{22}^{3}\ \Phi_{14}$
105274	1512	1511	$\frac{90}{1511}$	$\frac{203}{1511}$	$\frac{218}{1511}$	$\frac{431}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
105275	1512	1635	$\frac{1}{15}$	$\frac{13}{109}$	$\frac{16}{109}$	$\frac{31}{109}$	$\Phi_{1635}\ \Phi_{545}\ \Phi_{327}$
105276	1512	1651	$\frac{1}{13}$	$\frac{13}{127}$	$\frac{19}{127}$	$\frac{36}{127}$	Φ_{1651}
105277	1512	390	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{2}{13}$	$\frac{11}{39}$	$\Phi_{390}^{6}\ \Phi_{195}^{6}\ \Phi_{130}\ \Phi_{78}^{6}\ \Phi_{65}\ \Phi_{30}^{6}\ \Phi_{26}\ \Phi_{15}^{6}\ \Phi_{6}^{6}$
105278	1512	1511	$\frac{113}{1511}$	$\frac{155}{1511}$	$\frac{233}{1511}$	$\frac{426}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
105279	1512	1511	$\frac{95}{1511}$	$\frac{181}{1511}$	$\frac{236}{1511}$	$\frac{425}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105280	1512	1736	$\frac{13}{217}$	$\frac{1}{8}$	$\frac{34}{217}$	$\frac{61}{217}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{434}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
105281	1512	1771	$\frac{13}{253}$	$\frac{1}{7}$	$\frac{40}{253}$	$\frac{71}{253}$	$\Phi_{1771}\ \Phi_{161}\ \Phi_{77}$
105282	1512	725	$\frac{1}{29}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{725}^2\ \Phi_{145}^3\ \Phi_{29}^2$
105283	1512	1511	$\frac{59}{1511}$	$\frac{242}{1511}$	$\frac{272}{1511}$	$\frac{423}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105284	1512	1895	$\frac{13}{379}$	$\frac{61}{379}$	$\frac{1}{5}$	$\frac{106}{379}$	Φ_{1895}
105285	1512	1511	$\frac{41}{1511}$	$\frac{245}{1511}$	$\frac{363}{1511}$	$\frac{422}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105286	1512	2020	$\frac{13}{505}$	$\frac{82}{505}$	$\frac{1}{4}$	$\frac{141}{505}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{404}\ \Phi_{202}\ \Phi_{20}\ \Phi_{10}$
105287	1512	1892	$\frac{1}{43}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{1892}\ \Phi_{946}\ \Phi_{172}^2\ \Phi_{86}^2$
105288	1512	715	$\frac{2}{65}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{715}^2\ \Phi_{143}^2\ \Phi_{65}^4\ \Phi_{55}\ \Phi_{13}^4\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
105289	1512	275	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{275}^5\ \Phi_{55}^5\ \Phi_{25}^{10}\ \Phi_{11}^6\ \Phi_5^{10}\ \Phi_1^{12}$
105290	1512	154	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{154}^{12}\ \Phi_{77}^{11}\ \Phi_{14}^{12}\ \Phi_7^{10}$
105291	1512	1375	$\frac{6}{125}$	$\frac{17}{125}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1375}\ \Phi_{275}\ \Phi_{125}^2\ \Phi_{55}\ \Phi_{25}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
105292	1512	1672	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{418}\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{38}^2$
105293	1512	1375	$\frac{8}{125}$	$\frac{13}{125}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1375}\ \Phi_{275}\ \Phi_{125}^2\ \Phi_{55}\ \Phi_{25}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
105294	1512	330	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{330}^5\ \Phi_{165}^4\ \Phi_{110}^4\ \Phi_{66}^5\ \Phi_{55}^3\ \Phi_{33}^4\ \Phi_{30}^{10}\ \Phi_{22}^4\ \Phi_{15}^8\ \Phi_{11}^4\ \Phi_{10}^8\ \Phi_6^{10}\ \Phi_5^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
105295	1512	1591	$\frac{1}{43}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	Φ_{1591}
105296	1512	805	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{22}{115}$	$\frac{31}{115}$	$\Phi_{805}^2\ \Phi_{161}^3\ \Phi_{35}^2\ \Phi_7^2$
105297	1512	1511	$\frac{53}{1511}$	$\frac{243}{1511}$	$\frac{317}{1511}$	$\frac{398}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105298	1512	532	$\frac{1}{28}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{532}^3\ \Phi_{266}^3\ \Phi_{133}^3\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2$
105299	1512	1511	$\frac{62}{1511}$	$\frac{207}{1511}$	$\frac{326}{1511}$	$\frac{395}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105300	1512	1606	$\frac{1}{22}$	$\frac{9}{73}$	$\frac{16}{73}$	$\frac{19}{73}$	$\Phi_{1606}\ \Phi_{803}\ \Phi_{146}$
105301	1512	1615	$\frac{1}{19}$	$\frac{9}{85}$	$\frac{19}{85}$	$\frac{22}{85}$	$\Phi_{1615}\ \Phi_{323}\ \Phi_{95}$
105302	1512	1511	$\frac{80}{1511}$	$\frac{159}{1511}$	$\frac{338}{1511}$	$\frac{391}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105303	1512	1635	$\frac{1}{15}$	$\frac{9}{109}$	$\frac{25}{109}$	$\frac{28}{109}$	$\Phi_{1635}\ \Phi_{545}\ \Phi_{327}$
105304	1512	1511	$\frac{99}{1511}$	$\frac{125}{1511}$	$\frac{353}{1511}$	$\frac{386}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105305	1512	1690	$\frac{9}{169}$	$\frac{1}{10}$	$\frac{40}{169}$	$\frac{43}{169}$	$\Phi_{1690}\ \Phi_{845}\ \Phi_{338}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
105306	1512	1511	$\frac{75}{1511}$	$\frac{161}{1511}$	$\frac{359}{1511}$	$\frac{384}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105307	1512	1511	$\frac{63}{1511}$	$\frac{188}{1511}$	$\frac{362}{1511}$	$\frac{383}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105308	1512	1736	$\frac{9}{217}$	$\frac{1}{8}$	$\frac{52}{217}$	$\frac{55}{217}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{434}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
105309	1512	1771	$\frac{9}{253}$	$\frac{1}{7}$	$\frac{61}{253}$	$\frac{64}{253}$	$\Phi_{1771}\ \Phi_{161}\ \Phi_{77}$
105310	1512	1511	$\frac{27}{1511}$	$\frac{371}{1511}$	$\frac{377}{1511}$	$\frac{380}{1511}$	$\Phi_{1511}\ \Phi_1^2$
105311	1512	2020	$\frac{9}{505}$	$\frac{124}{505}$	$\frac{1}{4}$	$\frac{127}{505}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{404}\ \Phi_{202}\ \Phi_{20}\ \Phi_{10}$
105312	1512	228	$\frac{1}{57}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{228}^7\ \Phi_{114}^7\ \Phi_{76}^7\ \Phi_{57}^6\ \Phi_{38}^7\ \Phi_{19}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
105313	1512	668	$\frac{3}{167}$	$\frac{41}{167}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{668}^2\ \Phi_{334}^2\ \Phi_{167}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
105314	1512	860	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{860}^2\ \Phi_{430}^2\ \Phi_{215}^3$
105315	1512	668	$\frac{5}{167}$	$\frac{27}{167}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{668}^2\ \Phi_{334}^2\ \Phi_{167}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
105316	1512	812	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{812}^2\ \Phi_{406}^2\ \Phi_{203}^3$
105317	1512	668	$\frac{6}{167}$	$\frac{23}{167}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{668}^2\ \Phi_{334}^2\ \Phi_{167}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
105318	1512	200	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{200}^{9}\ \Phi_{100}^{7}\ \Phi_{50}^{7}\ \Phi_{40}^{9}\ \Phi_{25}^{6}\ \Phi_{20}^{7}\ \Phi_{10}^{7}\ \Phi_{5}^{6}$
105319	1512	668	$\frac{7}{167}$	$\frac{20}{167}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{668}^{2}\ \Phi_{334}^{2}\ \Phi_{167}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
105320	1512	396	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{396}^{4}\ \Phi_{198}^{5}\ \Phi_{132}^{4}\ \Phi_{99}^{5}\ \Phi_{66}^{5}\ \Phi_{36}^{2}\ \Phi_{33}^{5}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
105321	1512	668	$\frac{11}{167}$	$\frac{13}{167}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{668}^{2}\ \Phi_{334}^{2}\ \Phi_{167}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
105322	1512	780	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}^{3}\ \Phi_{156}^{2}\ \Phi_{130}^{2}\ \Phi_{78}^{2}\ \Phi_{65}^{3}\ \Phi_{39}^{3}$
105323	1512	2324	$\frac{3}{83}$	$\frac{1}{7}$	$\frac{20}{83}$	$\frac{1}{4}$	$\Phi_{2324}\ \Phi_{1162}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
105324	1512	2020	$\frac{21}{505}$	$\frac{64}{505}$	$\frac{121}{505}$	$\frac{1}{4}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{404}\ \Phi_{202}\ \Phi_{20}\ \Phi_{10}$
105325	1512	568	$\frac{3}{71}$	$\frac{1}{8}$	$\frac{17}{71}$	$\frac{1}{4}$	$\Phi_{568}^{3}\ \Phi_{284}^{2}\ \Phi_{142}^{2}\ \Phi_{71}^{3}\ \Phi_{8}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
105326	1512	404	$\frac{5}{101}$	$\frac{11}{101}$	$\frac{24}{101}$	$\frac{1}{4}$	$\Phi_{404}^{5}\ \Phi_{202}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
105327	1512	220	$\frac{3}{55}$	$\frac{1}{10}$	$\frac{13}{55}$	$\frac{1}{4}$	$\Phi_{220}^{9}\ \Phi_{110}^{4}\ \Phi_{55}^{5}\ \Phi_{44}^{9}\ \Phi_{22}^{4}\ \Phi_{20}^{11}\ \Phi_{11}^{5}\ \Phi_{10}^{5}\ \Phi_{5}^{6}\ \Phi_{4}^{10}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
105328	1512	2020	$\frac{33}{505}$	$\frac{43}{505}$	$\frac{118}{505}$	$\frac{1}{4}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{404}\ \Phi_{202}\ \Phi_{20}\ \Phi_{10}$
105329	1512	420	$\frac{1}{15}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{4}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{140}^{4}\ \Phi_{84}^{5}\ \Phi_{70}^{4}\ \Phi_{60}^{6}\ \Phi_{42}^{5}\ \Phi_{30}^{6}\ \Phi_{28}^{4}\ \Phi_{20}^{5}\ \Phi_{14}^{4}\ \Phi_{12}^{6}\ \Phi_{10}^{5}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
105330	1512	2020	$\frac{28}{505}$	$\frac{53}{505}$	$\frac{113}{505}$	$\frac{1}{4}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{404}\ \Phi_{202}\ \Phi_{20}\ \Phi_{10}$
105331	1512	684	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{684}^{3}\ \Phi_{342}^{3}\ \Phi_{228}^{3}\ \Phi_{114}^{3}\ \Phi_{76}^{4}\ \Phi_{38}^{4}$
105332	1512	1012	$\frac{1}{22}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{1012}^{2}\ \Phi_{506}\ \Phi_{253}\ \Phi_{92}\ \Phi_{44}^{4}\ \Phi_{23}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
105333	1512	2020	$\frac{22}{505}$	$\frac{69}{505}$	$\frac{109}{505}$	$\frac{1}{4}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{404}\ \Phi_{202}\ \Phi_{20}\ \Phi_{10}$
105334	1512	400	$\frac{1}{25}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{400}^{5}\ \Phi_{200}^{5}\ \Phi_{100}\ \Phi_{80}^{4}\ \Phi_{50}\ \Phi_{40}^{4}\ \Phi_{20}\ \Phi_{16}^{4}\ \Phi_{10}\ \Phi_{8}^{4}$
105335	1512	2020	$\frac{19}{505}$	$\frac{81}{505}$	$\frac{106}{505}$	$\frac{1}{4}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{404}\ \Phi_{202}\ \Phi_{20}\ \Phi_{10}$
105336	1512	260	$\frac{2}{65}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{260}^{8}\ \Phi_{130}^{8}\ \Phi_{52}^{8}\ \Phi_{26}^{8}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
105337	1512	2500	$\frac{4}{125}$	$\frac{121}{625}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2500}\ \Phi_{1250}\ \Phi_{20}\ \Phi_{10}$
105338	1512	100	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{100}^{20}\ \Phi_{50}^{20}\ \Phi_{20}^{21}\ \Phi_{10}^{21}\ \Phi_{4}^{20}\ \Phi_{2}^{20}$
105339	1512	1540	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1540}^{2}\ \Phi_{770}\ \Phi_{385}\ \Phi_{140}\ \Phi_{35}$
105340	1512	500	$\frac{6}{125}$	$\frac{17}{125}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{500}^{4}\ \Phi_{250}^{4}\ \Phi_{100}^{4}\ \Phi_{50}^{4}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
105341	1512	760	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{760}^{3}\ \Phi_{380}^{2}\ \Phi_{190}^{2}\ \Phi_{95}^{3}$
105342	1512	500	$\frac{8}{125}$	$\frac{13}{125}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{500}^{4}\ \Phi_{250}^{4}\ \Phi_{100}^{4}\ \Phi_{50}^{4}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
105343	1512	60	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{60}^{36}\ \Phi_{30}^{16}\ \Phi_{20}^{29}\ \Phi_{15}^{20}\ \Phi_{12}^{36}\ \Phi_{10}^{13}\ \Phi_{6}^{16}\ \Phi_{5}^{16}\ \Phi_{4}^{28}\ \Phi_{3}^{20}\ \Phi_{2}^{12}\ \Phi_{1}^{16}$
105344	1512	1100	$\frac{2}{25}$	$\frac{23}{275}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1100}^{2}\ \Phi_{550}^{2}\ \Phi_{220}^{2}\ \Phi_{110}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{20}\ \Phi_{10}$
105345	1512	404	$\frac{5}{101}$	$\frac{16}{101}$	$\frac{17}{101}$	$\frac{1}{4}$	$\Phi_{404}^{5}\ \Phi_{202}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
105346	1512	2324	$\frac{5}{83}$	$\frac{1}{7}$	$\frac{13}{83}$	$\frac{1}{4}$	$\Phi_{2324}\ \Phi_{1162}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
105347	1512	2020	$\frac{31}{505}$	$\frac{71}{505}$	$\frac{79}{505}$	$\frac{1}{4}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{404}\ \Phi_{202}\ \Phi_{20}\ \Phi_{10}$
105348	1512	568	$\frac{5}{71}$	$\frac{1}{8}$	$\frac{11}{71}$	$\frac{1}{4}$	$\Phi_{568}^{3}\ \Phi_{284}^{2}\ \Phi_{142}^{2}\ \Phi_{71}^{3}\ \Phi_{8}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
105349	1512	2020	$\frac{37}{505}$	$\frac{61}{505}$	$\frac{78}{505}$	$\frac{1}{4}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{404}\ \Phi_{202}\ \Phi_{20}\ \Phi_{10}$
105350	1512	660	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{33}$	$\frac{1}{4}$	$\Phi_{660}^{4}\ \Phi_{330}^{2}\ \Phi_{220}^{2}\ \Phi_{165}^{2}\ \Phi_{132}^{2}\ \Phi_{110}\ \Phi_{60}^{4}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{4}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
105351	1512	2132	$\frac{1}{13}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{4}$	$\Phi_{2132}\ \Phi_{1066}\ \Phi_{52}^{2}\ \Phi_{26}^{2}$
105352	1512	2020	$\frac{36}{505}$	$\frac{67}{505}$	$\frac{73}{505}$	$\frac{1}{4}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{404}\ \Phi_{202}\ \Phi_{20}\ \Phi_{10}$
105353	1512	420	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{140}^{5}\ \Phi_{84}^{5}\ \Phi_{70}^{5}\ \Phi_{60}^{6}\ \Phi_{42}^{5}\ \Phi_{30}^{6}\ \Phi_{20}^{6}\ \Phi_{12}^{6}\ \Phi_{10}^{6}\ \Phi_{6}^{6}$
105354	1512	2324	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2324}\ \Phi_{1162}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
105355	1512	728	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{728}^{3}\ \Phi_{364}^{2}\ \Phi_{182}^{2}\ \Phi_{91}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
105356	1512	1116	$\frac{3}{31}$	$\frac{1}{9}$	$\frac{4}{31}$	$\frac{1}{4}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{372}^2\ \Phi_{186}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{6}^3$
105357	1512	404	$\frac{10}{101}$	$\frac{11}{101}$	$\frac{13}{101}$	$\frac{1}{4}$	$\Phi_{404}^5\ \Phi_{202}^5\ \Phi_{4}^4\ \Phi_{2}^4$
105358	1512	220	$\frac{1}{10}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{4}$	$\Phi_{220}^9\ \Phi_{110}^4\ \Phi_{55}^5\ \Phi_{44}^9\ \Phi_{22}^4\ \Phi_{20}^{11}\ \Phi_{11}^5\ \Phi_{10}^5\ \Phi_{5}^6\ \Phi_{4}^{10}\ \Phi_{2}^4\ \Phi_{1}^6$
105359	1512	2020	$\frac{49}{505}$	$\frac{57}{505}$	$\frac{64}{505}$	$\frac{1}{4}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{404}\ \Phi_{202}\ \Phi_{20}\ \Phi_{10}$
105360	1512	568	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{568}^3\ \Phi_{284}^2\ \Phi_{142}^2\ \Phi_{71}^3\ \Phi_{8}^6\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
105361	1512	360	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{360}^6\ \Phi_{180}^4\ \Phi_{120}^6\ \Phi_{90}^5\ \Phi_{72}^3\ \Phi_{60}^4\ \Phi_{45}^5\ \Phi_{36}^2\ \Phi_{30}^5\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{15}^5\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{6}^3\ \Phi_{3}^2$
105362	1512	1775	$\frac{3}{71}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{17}{71}$	$\Phi_{1775}\ \Phi_{71}\ \Phi_{25}^2\ \Phi_{1}^2$
105363	1512	130	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{5}{26}$	$\frac{3}{13}$	$\Phi_{130}^{13}\ \Phi_{65}^{13}\ \Phi_{26}^5\ \Phi_{13}^8\ \Phi_{10}^{12}\ \Phi_{5}^{12}\ \Phi_{2}^4\ \Phi_{1}^8$
105364	1512	1435	$\frac{3}{35}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{8}{35}$	$\Phi_{1435}\ \Phi_{287}\ \Phi_{205}\ \Phi_{41}^2\ \Phi_{35}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
105365	1512	280	$\frac{3}{35}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{8}{35}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{56}^7\ \Phi_{40}^6\ \Phi_{28}^7\ \Phi_{20}^6\ \Phi_{14}^7\ \Phi_{10}^6\ \Phi_{8}^6\ \Phi_{4}^6\ \Phi_{2}^6$
105366	1512	1511	$\frac{143}{1511}$	$\frac{167}{1511}$	$\frac{224}{1511}$	$\frac{342}{1511}$	$\Phi_{1511}\ \Phi_{1}^2$
105367	1512	248	$\frac{3}{31}$	$\frac{1}{8}$	$\frac{4}{31}$	$\frac{7}{31}$	$\Phi_{248}^7\ \Phi_{124}^7\ \Phi_{62}^7\ \Phi_{8}^6\ \Phi_{4}^6\ \Phi_{2}^6$
105368	1512	1511	$\frac{147}{1511}$	$\frac{188}{1511}$	$\frac{195}{1511}$	$\frac{341}{1511}$	$\Phi_{1511}\ \Phi_{1}^2$
105369	1512	1771	$\frac{25}{253}$	$\frac{28}{253}$	$\frac{1}{7}$	$\frac{57}{253}$	$\Phi_{1771}\ \Phi_{161}\ \Phi_{77}$
105370	1512	477	$\frac{5}{53}$	$\frac{1}{9}$	$\frac{8}{53}$	$\frac{2}{9}$	$\Phi_{477}^3\ \Phi_{159}^3\ \Phi_{53}^4\ \Phi_{9}^6\ \Phi_{3}^6\ \Phi_{1}^8$
105371	1512	630	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{9}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{126}^3\ \Phi_{105}^3\ \Phi_{70}^4\ \Phi_{42}^3\ \Phi_{35}^4\ \Phi_{14}^4$
105372	1512	1511	$\frac{131}{1511}$	$\frac{183}{1511}$	$\frac{230}{1511}$	$\frac{332}{1511}$	$\Phi_{1511}\ \Phi_{1}^2$
105373	1512	1690	$\frac{1}{10}$	$\frac{21}{169}$	$\frac{22}{169}$	$\frac{37}{169}$	$\Phi_{1690}\ \Phi_{845}\ \Phi_{338}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
105374	1512	1511	$\frac{146}{1511}$	$\frac{195}{1511}$	$\frac{197}{1511}$	$\frac{329}{1511}$	$\Phi_{1511}\ \Phi_{1}^2$
105375	1512	161	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{5}{23}$	$\Phi_{161}^{11}\ \Phi_{7}^{10}$
105376	1512	713	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{3}{23}$	$\frac{5}{23}$	$\Phi_{713}^2\ \Phi_{31}^4\ \Phi_{23}^3\ \Phi_{1}^6$
105377	1512	920	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{23}$	$\frac{5}{23}$	$\Phi_{920}^2\ \Phi_{460}^2\ \Phi_{230}\ \Phi_{184}\ \Phi_{115}\ \Phi_{92}\ \Phi_{40}^4\ \Phi_{23}\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
105378	1512	1511	$\frac{132}{1511}$	$\frac{197}{1511}$	$\frac{219}{1511}$	$\frac{323}{1511}$	$\Phi_{1511}\ \Phi_{1}^2$
105379	1512	1690	$\frac{1}{10}$	$\frac{19}{169}$	$\frac{25}{169}$	$\frac{36}{169}$	$\Phi_{1690}\ \Phi_{845}\ \Phi_{338}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
105380	1512	720	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{17}{80}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{144}^3\ \Phi_{120}^3\ \Phi_{90}\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{45}\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
105381	1512	1511	$\frac{149}{1511}$	$\frac{170}{1511}$	$\frac{227}{1511}$	$\frac{321}{1511}$	$\Phi_{1511}\ \Phi_{1}^2$
105382	1512	1736	$\frac{19}{217}$	$\frac{1}{8}$	$\frac{33}{217}$	$\frac{46}{217}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{434}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
105383	1512	475	$\frac{1}{19}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{475}^4\ \Phi_{95}$
105384	1512	1775	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1775}\ \Phi_{71}\ \Phi_{25}^2\ \Phi_{1}^2$
105385	1512	2275	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{2275}\ \Phi_{91}$
105386	1512	1775	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1775}\ \Phi_{71}\ \Phi_{25}^2\ \Phi_{1}^2$
105387	1512	450	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{450}^5\ \Phi_{225}^4\ \Phi_{150}^5\ \Phi_{90}\ \Phi_{75}^4\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
105388	1512	2120	$\frac{5}{53}$	$\frac{1}{8}$	$\frac{8}{53}$	$\frac{1}{5}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
105389	1512	1895	$\frac{37}{379}$	$\frac{46}{379}$	$\frac{57}{379}$	$\frac{1}{5}$	Φ_{1895}
105390	1512	410	$\frac{1}{10}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{5}$	$\Phi_{410}^4\ \Phi_{205}^3\ \Phi_{82}^4\ \Phi_{41}^4\ \Phi_{10}^8\ \Phi_{5}^6\ \Phi_{2}^8\ \Phi_{1}^8$
105391	1512	1895	$\frac{36}{379}$	$\frac{49}{379}$	$\frac{55}{379}$	$\frac{1}{5}$	Φ_{1895}
105392	1512	1085	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{1085}^2\ \Phi_{35}^3$
105393	1512	280	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{280}^7\ \Phi_{140}^7\ \Phi_{70}^3\ \Phi_{56}^8\ \Phi_{35}^4\ \Phi_{28}^8\ \Phi_{14}^4\ \Phi_{7}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
105394	1512	231	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{33}$	$\frac{2}{11}$	$\Phi_{231}^{9}\ \Phi_{77}^{5}\ \Phi_{21}^{9}\ \Phi_{7}^{4}$
105395	1512	1960	$\frac{29}{245}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
105396	1512	287	$\frac{5}{41}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{6}{41}$	$\Phi_{287}^{5}\ \Phi_{41}^{6}\ \Phi_{7}^{10}\ \Phi_{1}^{12}$
105397	1512	1511	$\frac{185}{1511}$	$\frac{215}{1511}$	$\frac{216}{1511}$	$\frac{221}{1511}$	$\Phi_{1511}\ \Phi_{1}^{2}$
105398	1512	1771	$\frac{31}{253}$	$\frac{36}{253}$	$\frac{1}{7}$	$\frac{37}{253}$	$\Phi_{1771}\ \Phi_{161}\ \Phi_{77}$
105399	1512	56	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\Phi_{56}^{31}\ \Phi_{28}^{31}\ \Phi_{14}^{31}\ \Phi_{8}^{30}\ \Phi_{4}^{30}\ \Phi_{2}^{30}$
105400	1513	2592	$\frac{1}{216}$	$\frac{217}{1296}$	$\frac{1079}{2592}$	$\frac{215}{432}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
105401	1513	2688	$\frac{1}{168}$	$\frac{169}{1344}$	$\frac{1175}{2688}$	$\frac{167}{336}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{336}\ \Phi_{128}\ \Phi_{112}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
105402	1513	2016	$\frac{1}{168}$	$\frac{503}{2016}$	$\frac{169}{672}$	$\frac{167}{336}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
105403	1513	3008	$\frac{9}{1504}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1495}{3008}$	$\Phi_{3008}\ \Phi_{64}\ \Phi_{16}\ \Phi_{1}$
105404	1513	1818	$\frac{2}{303}$	$\frac{305}{1818}$	$\frac{1}{3}$	$\frac{301}{606}$	$\Phi_{1818}\ \Phi_{909}\ \Phi_{303}\ \Phi_{101}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
105405	1513	3000	$\frac{13}{1500}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1487}{3000}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{200}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
105406	1513	352	$\frac{1}{88}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{87}{176}$	$\Phi_{352}^{8}\ \Phi_{176}\ \Phi_{32}^{9}\ \Phi_{16}\ \Phi_{1}$
105407	1513	528	$\frac{1}{88}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{87}{176}$	$\Phi_{528}^{8}\ \Phi_{176}\ \Phi_{48}^{8}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
105408	1513	880	$\frac{1}{88}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{87}{176}$	$\Phi_{880}^{4}\ \Phi_{176}\ \Phi_{80}^{4}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
105409	1513	2880	$\frac{1}{72}$	$\frac{73}{1440}$	$\frac{1367}{2880}$	$\frac{71}{144}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{144}\ \Phi_{64}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
105410	1513	2160	$\frac{1}{72}$	$\frac{73}{720}$	$\frac{647}{2160}$	$\frac{71}{144}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
105411	1513	1728	$\frac{1}{72}$	$\frac{215}{1728}$	$\frac{73}{288}$	$\frac{71}{144}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
105412	1513	2976	$\frac{25}{1488}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{1463}{2976}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
105413	1513	2912	$\frac{1}{56}$	$\frac{57}{1456}$	$\frac{1399}{2912}$	$\frac{55}{112}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{224}\ \Phi_{112}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
105414	1513	2960	$\frac{33}{1480}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1447}{2960}$	$\Phi_{2960}\ \Phi_{592}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
105415	1513	522	$\frac{2}{87}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{522}^{3}\ \Phi_{261}^{3}\ \Phi_{174}^{2}\ \Phi_{87}^{3}\ \Phi_{58}^{2}\ \Phi_{29}^{3}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
105416	1513	1824	$\frac{7}{304}$	$\frac{1}{8}$	$\frac{311}{1824}$	$\frac{297}{608}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
105417	1513	1736	$\frac{6}{217}$	$\frac{223}{1736}$	$\frac{1}{7}$	$\frac{211}{434}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{248}\ \Phi_{217}\ \Phi_{124}\ \Phi_{56}\ \Phi_{31}\ \Phi_{28}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
105418	1513	2940	$\frac{43}{1470}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1427}{2940}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{196}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{49}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
105419	1513	360	$\frac{1}{30}$	$\frac{1}{18}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{360}^{6}\ \Phi_{120}^{5}\ \Phi_{90}^{6}\ \Phi_{72}^{6}\ \Phi_{45}^{6}\ \Phi_{40}^{5}\ \Phi_{30}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
105420	1513	1656	$\frac{5}{138}$	$\frac{143}{1656}$	$\frac{1}{6}$	$\frac{133}{276}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{207}\ \Phi_{184}\ \Phi_{138}\ \Phi_{72}\ \Phi_{69}\ \Phi_{46}\ \Phi_{36}\ \Phi_{24}\ \Phi_{23}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
105421	1513	2916	$\frac{1}{27}$	$\frac{55}{1458}$	$\frac{26}{81}$	$\frac{1403}{2916}$	$\Phi_{2916}\ \Phi_{972}\ \Phi_{324}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
105422	1513	2904	$\frac{61}{1452}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1391}{2904}$	$\Phi_{2904}\ \Phi_{968}\ \Phi_{264}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
105423	1513	1530	$\frac{4}{85}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{81}{170}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}\ \Phi_{255}\ \Phi_{153}\ \Phi_{102}\ \Phi_{90}^{2}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{18}\ \Phi_{17}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
105424	1513	2052	$\frac{1}{27}$	$\frac{26}{513}$	$\frac{539}{2052}$	$\frac{487}{1026}$	$\Phi_{2052}\ \Phi_{684}\ \Phi_{513}\ \Phi_{228}\ \Phi_{171}\ \Phi_{108}\ \Phi_{76}\ \Phi_{57}\ \Phi_{36}\ \Phi_{19}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
105425	1513	2880	$\frac{1}{24}$	$\frac{73}{1440}$	$\frac{23}{96}$	$\frac{1367}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
105426	1513	2880	$\frac{73}{1440}$	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{1367}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{90}\ \Phi_{64}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
105427	1513	2880	$\frac{73}{1440}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1367}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
105428	1513	108	$\frac{1}{18}$	$\frac{1}{18}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{108}^{17}\ \Phi_{54}^{17}\ \Phi_{27}^{17}\ \Phi_{18}^{16}\ \Phi_{9}^{16}\ \Phi_{6}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
105429	1513	168	$\frac{1}{21}$	$\frac{5}{84}$	$\frac{4}{21}$	$\frac{79}{168}$	$\Phi_{168}^{17}\ \Phi_{56}^{17}\ \Phi_{24}^{17}\ \Phi_{21}^{4}\ \Phi_{8}^{17}\ \Phi_{7}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
105430	1513	504	$\frac{1}{18}$	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{79}{168}$	$\Phi_{504}^{6}\ \Phi_{168}^{5}\ \Phi_{72}^{6}\ \Phi_{56}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
105431	1513	1056	$\frac{1}{44}$	$\frac{1}{16}$	$\frac{43}{132}$	$\frac{15}{32}$	$\Phi_{1056}^{4}\ \Phi_{132}\ \Phi_{96}^{4}\ \Phi_{66}\ \Phi_{33}\ \Phi_{32}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
105432	1513	736	$\frac{3}{92}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{736}^{4}\ \Phi_{92}\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_{1}$
105433	1513	1760	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{21}{110}$	$\frac{15}{32}$	$\Phi_{1760}^{2}\ \Phi_{160}^{2}\ \Phi_{110}\ \Phi_{55}\ \Phi_{32}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
105434	1513	96	$\frac{1}{16}$	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{15}{32}$	$\Phi_{96}^{17}\ \Phi_{48}^{17}\ \Phi_{32}^{10}\ \Phi_{24}^{17}\ \Phi_{16}^{17}\ \Phi_{12}^{17}\ \Phi_{8}^{16}\ \Phi_{6}^{17}\ \Phi_{4}^{16}\ \Phi_{3}^{17}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
105435	1513	3168	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{15}{32}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{288}\ \Phi_{99}\ \Phi_{96}\ \Phi_{33}\ \Phi_{32}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
105436	1513	1638	$\frac{8}{117}$	$\frac{125}{1638}$	$\frac{1}{9}$	$\frac{109}{234}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{182}\ \Phi_{126}\ \Phi_{117}\ \Phi_{91}\ \Phi_{63}\ \Phi_{42}\ \Phi_{39}\ \Phi_{21}\ \Phi_{14}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}$
105437	1513	1584	$\frac{71}{1584}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{48}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}\ \Phi_{16}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
105438	1513	2808	$\frac{8}{117}$	$\frac{109}{1404}$	$\frac{1}{9}$	$\frac{1295}{2808}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{312}\ \Phi_{216}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{39}\ \Phi_{24}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
105439	1513	2800	$\frac{1}{28}$	$\frac{113}{1400}$	$\frac{27}{140}$	$\frac{1287}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
105440	1513	1600	$\frac{87}{1600}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{160}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{64}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
105441	1513	1848	$\frac{1}{28}$	$\frac{27}{308}$	$\frac{335}{1848}$	$\frac{281}{616}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{21}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
105442	1513	2760	$\frac{5}{138}$	$\frac{133}{1380}$	$\frac{1}{6}$	$\frac{1247}{2760}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{184}\ \Phi_{138}\ \Phi_{120}\ \Phi_{69}\ \Phi_{46}\ \Phi_{40}\ \Phi_{24}\ \Phi_{23}\ \Phi_{8}\ \Phi_{1}$
105443	1513	162	$\frac{1}{18}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{162}$	$\Phi_{162}^{8}\ \Phi_{81}^{9}\ \Phi_{54}^{8}\ \Phi_{27}^{9}\ \Phi_{18}^{16}\ \Phi_{9}^{16}\ \Phi_{6}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
105444	1513	900	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{9}{20}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}^{2}\ \Phi_{225}^{2}\ \Phi_{150}^{2}\ \Phi_{100}\ \Phi_{90}^{2}\ \Phi_{75}^{2}\ \Phi_{50}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
105445	1513	2736	$\frac{7}{152}$	$\frac{145}{1368}$	$\frac{1}{8}$	$\frac{1223}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{152}\ \Phi_{144}\ \Phi_{76}\ \Phi_{48}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{1}$
105446	1513	1440	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{160}$	$\Phi_{1440}^{2}\ \Phi_{480}^{2}\ \Phi_{288}^{2}\ \Phi_{160}\ \Phi_{96}^{2}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{32}\ \Phi_{30}^{2}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
105447	1513	1568	$\frac{55}{1568}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{224}\ \Phi_{196}\ \Phi_{112}\ \Phi_{56}\ \Phi_{49}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
105448	1513	2256	$\frac{9}{752}$	$\frac{1}{8}$	$\frac{743}{2256}$	$\frac{7}{16}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
105449	1513	1536	$\frac{23}{1536}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
105450	1513	2688	$\frac{1}{56}$	$\frac{169}{1344}$	$\frac{55}{224}$	$\frac{1175}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
105451	1513	2688	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{169}{1344}$	$\frac{1175}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
105452	1513	90	$\frac{1}{90}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{90}^{17}\ \Phi_{45}^{17}\ \Phi_{30}^{16}\ \Phi_{18}^{17}\ \Phi_{15}^{17}\ \Phi_{10}^{16}\ \Phi_{9}^{17}\ \Phi_{6}^{16}\ \Phi_{5}^{17}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
105453	1513	273	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{273}^{7}\ \Phi_{91}^{3}\ \Phi_{39}^{7}\ \Phi_{21}^{5}\ \Phi_{13}^{3}\ \Phi_{7}^{2}\ \Phi_{3}^{5}\ \Phi_{1}^{3}$
105454	1513	2604	$\frac{6}{217}$	$\frac{1}{7}$	$\frac{211}{1302}$	$\frac{1091}{2604}$	$\Phi_{2604}\ \Phi_{868}\ \Phi_{372}\ \Phi_{217}\ \Phi_{124}\ \Phi_{84}\ \Phi_{31}\ \Phi_{28}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
105455	1513	360	$\frac{1}{90}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{360}^{6}\ \Phi_{120}^{6}\ \Phi_{90}^{5}\ \Phi_{72}^{6}\ \Phi_{45}^{5}\ \Phi_{40}^{6}\ \Phi_{30}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
105456	1513	288	$\frac{1}{18}$	$\frac{7}{96}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{288}^{6}\ \Phi_{144}^{6}\ \Phi_{96}^{5}\ \Phi_{72}^{6}\ \Phi_{48}^{5}\ \Phi_{32}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{16}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
105457	1513	2592	$\frac{1}{108}$	$\frac{217}{1296}$	$\frac{107}{324}$	$\frac{1079}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{324}\ \Phi_{288}\ \Phi_{162}\ \Phi_{96}\ \Phi_{81}\ \Phi_{32}\ \Phi_{1}$
105458	1513	450	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{61}{150}$	$\Phi_{450}^{3}\ \Phi_{225}^{3}\ \Phi_{150}^{2}\ \Phi_{90}^{6}\ \Phi_{75}^{3}\ \Phi_{50}^{2}\ \Phi_{45}^{6}\ \Phi_{30}^{5}\ \Phi_{25}^{3}\ \Phi_{18}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
105459	1513	1620	$\frac{1}{18}$	$\frac{107}{1620}$	$\frac{17}{90}$	$\frac{73}{180}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{81}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
105460	1513	1680	$\frac{1}{28}$	$\frac{167}{1680}$	$\frac{27}{140}$	$\frac{113}{280}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
105461	1513	1890	$\frac{1}{63}$	$\frac{62}{315}$	$\frac{377}{1890}$	$\frac{253}{630}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{54}\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}\ \Phi_{15}\ \Phi_5\ \Phi_1$
105462	1513	2160	$\frac{1}{108}$	$\frac{107}{540}$	$\frac{647}{2160}$	$\frac{433}{1080}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
105463	1513	2520	$\frac{1}{63}$	$\frac{62}{315}$	$\frac{253}{1260}$	$\frac{1007}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{72}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
105464	1513	364	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{364}^7\ \Phi_{91}^3\ \Phi_{52}^7\ \Phi_{28}^5\ \Phi_{13}^3\ \Phi_7^2\ \Phi_4^5\ \Phi_1^3$
105465	1513	2464	$\frac{1}{28}$	$\frac{27}{308}$	$\frac{281}{1232}$	$\frac{951}{2464}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{308}\ \Phi_{224}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
105466	1513	144	$\frac{1}{18}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{55}{144}$	$\Phi_{144}^{17}\ \Phi_{48}^{17}\ \Phi_{18}^{16}\ \Phi_{16}^{17}\ \Phi_9^{16}\ \Phi_6^{16}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
105467	1513	2432	$\frac{7}{304}$	$\frac{1}{8}$	$\frac{297}{1216}$	$\frac{919}{2432}$	$\Phi_{2432}\ \Phi_{304}\ \Phi_{152}\ \Phi_{128}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
105468	1513	1792	$\frac{1}{56}$	$\frac{279}{1792}$	$\frac{55}{224}$	$\frac{169}{448}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{256}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
105469	1513	2424	$\frac{2}{303}$	$\frac{301}{1212}$	$\frac{1}{3}$	$\frac{911}{2424}$	$\Phi_{2424}\ \Phi_{808}\ \Phi_{303}\ \Phi_{101}\ \Phi_{24}\ \Phi_8\ \Phi_1$
105470	1513	2352	$\frac{1}{56}$	$\frac{55}{392}$	$\frac{337}{1176}$	$\frac{839}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{392}\ \Phi_{336}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{49}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
105471	1513	2304	$\frac{1}{24}$	$\frac{23}{384}$	$\frac{361}{1152}$	$\frac{791}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
105472	1513	1620	$\frac{1}{27}$	$\frac{107}{1620}$	$\frac{26}{81}$	$\frac{55}{162}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
105473	1513	1944	$\frac{1}{108}$	$\frac{431}{1944}$	$\frac{107}{324}$	$\frac{217}{648}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_1$
105474	1513	2268	$\frac{1}{189}$	$\frac{188}{567}$	$\frac{755}{2268}$	$\frac{379}{1134}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{567}\ \Phi_{324}\ \Phi_{252}\ \Phi_{108}\ \Phi_{84}\ \Phi_{81}\ \Phi_{36}\ \Phi_{28}\ \Phi_{12}\ \Phi_4\ \Phi_1$
105475	1513	2250	$\frac{13}{750}$	$\frac{2}{15}$	$\frac{737}{2250}$	$\frac{1}{3}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{450}\ \Phi_{225}\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
105476	1513	1560	$\frac{47}{1560}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{15}\ \Phi_{13}\ \Phi_8\ \Phi_5\ \Phi_1$
105477	1513	1875	$\frac{13}{375}$	$\frac{2}{15}$	$\frac{362}{1875}$	$\frac{1}{3}$	$\Phi_{1875}\ \Phi_{625}\ \Phi_{15}\ \Phi_5\ \Phi_1$
105478	1513	1575	$\frac{62}{1575}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_1$
105479	1513	1800	$\frac{13}{300}$	$\frac{2}{15}$	$\frac{287}{1800}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
105480	1513	1650	$\frac{137}{1650}$	$\frac{13}{150}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{330}\ \Phi_{275}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_5\ \Phi_1$
105481	1513	264	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{43}{132}$	$\Phi_{264}^4\ \Phi_{132}^5\ \Phi_{88}^8\ \Phi_{66}^5\ \Phi_{44}^8\ \Phi_{33}^5\ \Phi_{24}^5\ \Phi_{22}^8\ \Phi_{12}^6\ \Phi_{11}^8\ \Phi_8^8\ \Phi_6^6\ \Phi_4^8\ \Phi_3^6\ \Phi_2^8\ \Phi_1^9$
105482	1513	660	$\frac{1}{44}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{43}{132}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{165}^4\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}^4\ \Phi_{33}\ \Phi_{30}^4\ \Phi_{20}\ \Phi_{15}^4\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
105483	1513	1953	$\frac{6}{217}$	$\frac{1}{7}$	$\frac{440}{1953}$	$\frac{211}{651}$	$\Phi_{1953}\ \Phi_{279}\ \Phi_{217}\ \Phi_{63}\ \Phi_{31}\ \Phi_9\ \Phi_1$
105484	1513	2187	$\frac{1}{27}$	$\frac{55}{729}$	$\frac{674}{2187}$	$\frac{26}{81}$	$\Phi_{2187}\ \Phi_{81}\ \Phi_1$
105485	1513	1701	$\frac{1}{27}$	$\frac{188}{1701}$	$\frac{55}{243}$	$\frac{26}{81}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{189}\ \Phi_{81}\ \Phi_{63}\ \Phi_{21}\ \Phi_7\ \Phi_1$
105486	1513	1944	$\frac{1}{27}$	$\frac{55}{486}$	$\frac{431}{1944}$	$\frac{26}{81}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
105487	1513	1824	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{311}{1824}$	$\frac{145}{456}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{96}\ \Phi_{76}\ \Phi_{48}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
105488	1513	2205	$\frac{43}{735}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{692}{2205}$	$\Phi_{2205}\ \Phi_{441}\ \Phi_{315}\ \Phi_{63}\ \Phi_{49}\ \Phi_{45}\ \Phi_9\ \Phi_1$
105489	1513	1755	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{242}{1755}$	$\frac{109}{351}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{195}\ \Phi_{135}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_5\ \Phi_1$
105490	1513	2178	$\frac{5}{66}$	$\frac{61}{726}$	$\frac{1}{6}$	$\frac{665}{2178}$	$\Phi_{2178}\ \Phi_{1089}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
105491	1513	1680	$\frac{7}{80}$	$\frac{167}{1680}$	$\frac{1}{8}$	$\frac{73}{240}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
105492	1513	2160	$\frac{1}{18}$	$\frac{73}{720}$	$\frac{17}{90}$	$\frac{647}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
105493	1513	2160	$\frac{7}{80}$	$\frac{73}{720}$	$\frac{1}{8}$	$\frac{647}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
105494	1513	108	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{108}^{17}\ \Phi_{54}^{8}\ \Phi_{36}^{17}\ \Phi_{27}^{9}\ \Phi_{18}^{16}\ \Phi_{12}^{17}\ \Phi_{9}^{16}\ \Phi_{6}^{16}\ \Phi_{4}^{17}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
105495	1513	126	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{4}{21}$	$\frac{37}{126}$	$\Phi_{126}^{17}\ \Phi_{63}^{17}\ \Phi_{21}^{4}\ \Phi_{18}^{17}\ \Phi_{9}^{17}\ \Phi_{7}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
105496	1513	126	$\frac{1}{18}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{126}$	$\Phi_{126}^{11}\ \Phi_{63}^{11}\ \Phi_{42}^{12}\ \Phi_{21}^{12}\ \Phi_{18}^{16}\ \Phi_{14}^{12}\ \Phi_{9}^{16}\ \Phi_{7}^{12}\ \Phi_{6}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
105497	1513	1617	$\frac{104}{1617}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{147}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{231}\ \Phi_{77}\ \Phi_{49}\ \Phi_{33}\ \Phi_{11}\ \Phi_1$
105498	1513	552	$\frac{3}{92}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{552}^{4}\ \Phi_{276}^{4}\ \Phi_{138}^{4}\ \Phi_{92}\ \Phi_{69}^{4}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
105499	1513	1320	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{21}{110}$	$\frac{7}{24}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{165}^{2}\ \Phi_{120}^{2}\ \Phi_{110}\ \Phi_{60}^{2}\ \Phi_{55}\ \Phi_{30}^{2}\ \Phi_{24}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
105500	1513	96	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{96}^{17}\ \Phi_{48}^{17}\ \Phi_{32}^{17}\ \Phi_{24}^{10}\ \Phi_{16}^{17}\ \Phi_{12}^{10}\ \Phi_{8}^{16}\ \Phi_{6}^{10}\ \Phi_{4}^{16}\ \Phi_{3}^{10}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
105501	1513	792	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}\ \Phi_{198}^{2}\ \Phi_{132}\ \Phi_{99}^{3}\ \Phi_{88}^{2}\ \Phi_{72}^{2}\ \Phi_{66}\ \Phi_{44}^{2}\ \Phi_{36}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
105502	1513	2106	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{109}{702}$	$\frac{593}{2106}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{162}\ \Phi_{117}\ \Phi_{81}\ \Phi_{39}\ \Phi_{13}\ \Phi_1$
105503	1513	2100	$\frac{1}{28}$	$\frac{113}{700}$	$\frac{27}{140}$	$\frac{587}{2100}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{75}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
105504	1513	2070	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{133}{690}$	$\frac{557}{2070}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{414}\ \Phi_{207}\ \Phi_{138}\ \Phi_{90}\ \Phi_{69}\ \Phi_{46}\ \Phi_{45}\ \Phi_{23}\ \Phi_{18}\ \Phi_9\ \Phi_1$
105505	1513	360	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{3}\ \Phi_{90}^{6}\ \Phi_{72}^{4}\ \Phi_{60}^{3}\ \Phi_{45}^{6}\ \Phi_{40}^{4}\ \Phi_{36}^{4}\ \Phi_{30}^{5}\ \Phi_{24}^{3}\ \Phi_{20}^{4}\ \Phi_{18}^{5}\ \Phi_{15}^{5}\ \Phi_{12}^{3}\ \Phi_{10}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
105506	1513	1728	$\frac{1}{24}$	$\frac{215}{1728}$	$\frac{23}{96}$	$\frac{73}{288}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
105507	1513	2016	$\frac{1}{56}$	$\frac{55}{224}$	$\frac{503}{2016}$	$\frac{169}{672}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
105508	1513	460	$\frac{3}{92}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{460}^{4}\ \Phi_{230}^{4}\ \Phi_{115}^{4}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
105509	1513	220	$\frac{1}{22}$	$\frac{3}{20}$	$\frac{21}{110}$	$\frac{1}{4}$	$\Phi_{220}^{6}\ \Phi_{110}^{7}\ \Phi_{55}^{7}\ \Phi_{44}^{8}\ \Phi_{22}^{8}\ \Phi_{20}^{7}\ \Phi_{11}^{8}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
105510	1513	480	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{4}\ \Phi_{120}^{4}\ \Phi_{96}\ \Phi_{80}^{4}\ \Phi_{60}^{4}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}^{4}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}^{4}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
105511	1513	1980	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{180}\ \Phi_{165}\ \Phi_{99}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1$
105512	1513	1920	$\frac{1}{24}$	$\frac{73}{480}$	$\frac{407}{1920}$	$\frac{23}{96}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
105513	1513	105	$\frac{1}{21}$	$\frac{16}{105}$	$\frac{4}{21}$	$\frac{5}{21}$	$\Phi_{105}^{17}\ \Phi_{35}^{17}\ \Phi_{21}^{4}\ \Phi_{15}^{17}\ \Phi_{7}^{4}\ \Phi_{5}^{17}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
105514	1513	1872	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{359}{1872}$	$\frac{109}{468}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_1$
105515	1513	1960	$\frac{43}{490}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{447}{1960}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{392}\ \Phi_{280}\ \Phi_{196}\ \Phi_{140}\ \Phi_{56}\ \Phi_{49}\ \Phi_{40}\ \Phi_{28}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
105516	1513	198	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{6}$	$\frac{5}{22}$	$\Phi_{198}^{8}\ \Phi_{99}^{9}\ \Phi_{66}^{5}\ \Phi_{33}^{6}\ \Phi_{22}^{7}\ \Phi_{18}^{8}\ \Phi_{11}^{7}\ \Phi_{9}^{9}\ \Phi_{6}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
105517	1513	1920	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{480}$	$\frac{407}{1920}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
105518	1513	1800	$\frac{1}{18}$	$\frac{287}{1800}$	$\frac{17}{90}$	$\frac{73}{360}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
105519	1513	1715	$\frac{202}{1715}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{245}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{49}\ \Phi_1$
105520	1513	1764	$\frac{6}{49}$	$\frac{251}{1764}$	$\frac{1}{7}$	$\frac{43}{294}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{252}\ \Phi_{196}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{49}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
105521	1514	1424	$\frac{1}{89}$	$\frac{45}{712}$	$\frac{667}{1424}$	$\frac{44}{89}$	$\Phi_{1424}^{2}\ \Phi_{89}\ \Phi_{16}^{2}\ \Phi_1^2$
105522	1514	1068	$\frac{1}{89}$	$\frac{45}{356}$	$\frac{311}{1068}$	$\frac{44}{89}$	$\Phi_{1068}^{2}\ \Phi_{534}^{2}\ \Phi_{267}^{2}\ \Phi_{89}\ \Phi_{12}^{2}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
105523	1514	890	$\frac{1}{89}$	$\frac{133}{890}$	$\frac{45}{178}$	$\frac{44}{89}$	$\Phi_{890}^{2}\ \Phi_{445}^{2}\ \Phi_{89}\ \Phi_{10}^{2}\ \Phi_5^2\ \Phi_1^2$
105524	1514	1496	$\frac{9}{748}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{739}{1496}$	$\Phi_{1496}^{2}\ \Phi_{136}^{2}\ \Phi_{88}^{2}\ \Phi_{17}\ \Phi_8^2\ \Phi_1^2$
105525	1514	1479	$\frac{35}{1479}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{722}{1479}$	$\Phi_{1479}\ \Phi_{493}\ \Phi_{87}\ \Phi_{51}^{2}\ \Phi_{29}\ \Phi_{17}\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
105526	1514	1020	$\frac{8}{255}$	$\frac{1}{17}$	$\frac{263}{1020}$	$\frac{247}{510}$	$\Phi_{1020}^2\,\Phi_{340}^2\,\Phi_{255}^2\,\Phi_{204}^2\,\Phi_{85}^2\,\Phi_{68}^2\,\Phi_{60}^2\,\Phi_{51}^2\,\Phi_{20}^2\,\Phi_{17}\,\Phi_{15}^2\,\Phi_{12}^2\,\Phi_5^2\,\Phi_4^2\,\Phi_3^2\,\Phi_1^2$
105527	1514	1445	$\frac{69}{1445}$	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{688}{1445}$	$\Phi_{1445}\,\Phi_{289}\,\Phi_{85}^2\,\Phi_{17}\,\Phi_5^2\,\Phi_1^2$
105528	1514	918	$\frac{8}{153}$	$\frac{1}{17}$	$\frac{161}{918}$	$\frac{145}{306}$	$\Phi_{918}^2\,\Phi_{459}^2\,\Phi_{153}^2\,\Phi_{54}^2\,\Phi_{51}^2\,\Phi_{27}^2\,\Phi_{17}\,\Phi_9^2\,\Phi_3^2\,\Phi_1^2$
105529	1514	1122	$\frac{9}{374}$	$\frac{1}{17}$	$\frac{365}{1122}$	$\frac{8}{17}$	$\Phi_{1122}^2\,\Phi_{561}^2\,\Phi_{102}^2\,\Phi_{66}^2\,\Phi_{51}^2\,\Phi_{33}^2\,\Phi_{17}\,\Phi_6^2\,\Phi_3^2\,\Phi_1^2$
105530	1514	782	$\frac{25}{782}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{782}^2\,\Phi_{391}^2\,\Phi_{46}^2\,\Phi_{23}^2\,\Phi_{17}\,\Phi_1^2$
105531	1514	935	$\frac{9}{187}$	$\frac{1}{17}$	$\frac{178}{935}$	$\frac{8}{17}$	$\Phi_{935}^2\,\Phi_{85}^2\,\Phi_{55}^2\,\Phi_{17}\,\Phi_5^2\,\Phi_1^2$
105532	1514	816	$\frac{1}{17}$	$\frac{59}{816}$	$\frac{9}{68}$	$\frac{8}{17}$	$\Phi_{816}^2\,\Phi_{408}^2\,\Phi_{272}^2\,\Phi_{204}^2\,\Phi_{136}^2\,\Phi_{102}^2\,\Phi_{51}^2\,\Phi_{48}^2\,\Phi_{24}^2\,\Phi_{17}\,\Phi_{16}^2\,\Phi_{12}^2\,\Phi_8^2\,\Phi_6^2\,\Phi_3^2\,\Phi_1^2$
105533	1514	1428	$\frac{1}{17}$	$\frac{43}{714}$	$\frac{8}{51}$	$\frac{671}{1428}$	$\Phi_{1428}^2\,\Phi_{476}^2\,\Phi_{204}^2\,\Phi_{84}^2\,\Phi_{68}^2\,\Phi_{51}^2\,\Phi_{28}^2\,\Phi_{17}\,\Phi_{12}^2\,\Phi_4^2\,\Phi_3^2\,\Phi_1^2$
105534	1514	850	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{93}{850}$	$\frac{77}{170}$	$\Phi_{850}^2\,\Phi_{425}^2\,\Phi_{85}^2\,\Phi_{50}^2\,\Phi_{25}^2\,\Phi_{17}\,\Phi_5^2\,\Phi_1^2$
105535	1514	1377	$\frac{1}{17}$	$\frac{137}{1377}$	$\frac{16}{153}$	$\frac{620}{1377}$	$\Phi_{1377}\,\Phi_{459}\,\Phi_{153}^2\,\Phi_{81}\,\Phi_{51}^2\,\Phi_{27}\,\Phi_{17}\,\Phi_9^2\,\Phi_3^2\,\Phi_1^2$
105536	1514	1360	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{77}{680}$	$\frac{603}{1360}$	$\Phi_{1360}^2\,\Phi_{272}^2\,\Phi_{85}^2\,\Phi_{80}^2\,\Phi_{17}\,\Phi_{16}^2\,\Phi_5^2\,\Phi_1^2$
105537	1514	1335	$\frac{1}{89}$	$\frac{179}{1335}$	$\frac{88}{267}$	$\frac{578}{1335}$	$\Phi_{1335}\,\Phi_{445}\,\Phi_{267}^2\,\Phi_{89}\,\Phi_{15}\,\Phi_5\,\Phi_3^2\,\Phi_1^2$
105538	1514	816	$\frac{1}{17}$	$\frac{59}{816}$	$\frac{8}{51}$	$\frac{43}{102}$	$\Phi_{816}^2\,\Phi_{408}^2\,\Phi_{272}^2\,\Phi_{204}^2\,\Phi_{136}^2\,\Phi_{68}^2\,\Phi_{51}^2\,\Phi_{48}^2\,\Phi_{24}^2\,\Phi_{17}\,\Phi_{16}^2\,\Phi_{12}^2\,\Phi_8^2\,\Phi_4^2\,\Phi_3^2\,\Phi_1^2$
105539	1514	1068	$\frac{1}{89}$	$\frac{44}{267}$	$\frac{311}{1068}$	$\frac{223}{534}$	$\Phi_{1068}^2\,\Phi_{356}^2\,\Phi_{267}^2\,\Phi_{89}\,\Phi_{12}^2\,\Phi_4^2\,\Phi_3^2\,\Phi_1^2$
105540	1514	1275	$\frac{1}{17}$	$\frac{16}{255}$	$\frac{239}{1275}$	$\frac{518}{1275}$	$\Phi_{1275}\,\Phi_{425}\,\Phi_{255}^2\,\Phi_{85}^2\,\Phi_{75}\,\Phi_{51}^2\,\Phi_{25}\,\Phi_{17}\,\Phi_{15}^2\,\Phi_5^2\,\Phi_3^2\,\Phi_1^2$
105541	1514	1224	$\frac{8}{153}$	$\frac{1}{17}$	$\frac{145}{612}$	$\frac{467}{1224}$	$\Phi_{1224}^2\,\Phi_{408}^2\,\Phi_{153}^2\,\Phi_{136}^2\,\Phi_{72}^2\,\Phi_{51}^2\,\Phi_{24}^2\,\Phi_{17}\,\Phi_9^2\,\Phi_8^2\,\Phi_3^2\,\Phi_1^2$
105542	1514	918	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{161}{918}$	$\frac{137}{459}$	$\Phi_{918}^2\,\Phi_{459}\,\Phi_{306}^2\,\Phi_{153}^2\,\Phi_{102}^2\,\Phi_{54}^2\,\Phi_{51}^2\,\Phi_{34}^2\,\Phi_{27}\,\Phi_{18}^2\,\Phi_{17}\,\Phi_9^2\,\Phi_6^2\,\Phi_3^2\,\Phi_2^2\,\Phi_1^2$
105543	1514	1071	$\frac{1}{17}$	$\frac{43}{357}$	$\frac{8}{51}$	$\frac{314}{1071}$	$\Phi_{1071}^2\,\Phi_{153}^2\,\Phi_{63}^2\,\Phi_{51}^2\,\Phi_{17}\,\Phi_9^2\,\Phi_3^2\,\Phi_1^2$
105544	1514	1020	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{77}{340}$	$\frac{263}{1020}$	$\Phi_{1020}^2\,\Phi_{510}^2\,\Phi_{255}^2\,\Phi_{204}^2\,\Phi_{102}^2\,\Phi_{85}^2\,\Phi_{60}^2\,\Phi_{51}^2\,\Phi_{30}^2\,\Phi_{17}\,\Phi_{15}^2\,\Phi_{12}^2\,\Phi_6^2\,\Phi_5^2\,\Phi_3^2\,\Phi_1^2$
105545	1515	1208	$\frac{1}{302}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{301}{604}$	$\Phi_{1208}^2\,\Phi_{604}\,\Phi_8^3\,\Phi_4\,\Phi_1$
105546	1515	1400	$\frac{1}{100}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{99}{200}$	$\Phi_{1400}^2\,\Phi_{280}^2\,\Phi_{200}^3\,\Phi_{56}^2\,\Phi_{40}^3\,\Phi_{28}\,\Phi_8^3\,\Phi_4\,\Phi_1$
105547	1515	1400	$\frac{1}{100}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{99}{200}$	$\Phi_{1400}^2\,\Phi_{280}^2\,\Phi_{200}^3\,\Phi_{56}^2\,\Phi_{40}^3\,\Phi_8^3\,\Phi_7^2\,\Phi_1^3$
105548	1515	600	$\frac{1}{100}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{99}{200}$	$\Phi_{600}^6\,\Phi_{200}^3\,\Phi_{120}^6\,\Phi_{40}^3\,\Phi_{24}^6\,\Phi_{12}^2\,\Phi_8^3\,\Phi_6\,\Phi_4\,\Phi_3\,\Phi_1$
105549	1515	1584	$\frac{2}{99}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{97}{198}$	$\Phi_{1584}\,\Phi_{792}\,\Phi_{528}\,\Phi_{396}\,\Phi_{264}\,\Phi_{176}\,\Phi_{144}\,\Phi_{132}\,\Phi_{99}\,\Phi_{88}\,\Phi_{72}\,\Phi_{48}^2\,\Phi_{44}\,\Phi_{36}\,\Phi_{33}\,\Phi_{24}^2\,\Phi_{16}\,\Phi_{12}^2\,\Phi_{11}\,\Phi_9\,\Phi_8\,\Phi_6\,\Phi_4\,\Phi_3\,\Phi_1$
105550	1515	396	$\frac{2}{99}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{97}{198}$	$\Phi_{396}^5\,\Phi_{132}^5\,\Phi_{99}^5\,\Phi_{44}^6\,\Phi_{36}^5\,\Phi_{33}^5\,\Phi_{22}\,\Phi_{12}^5\,\Phi_{11}^5\,\Phi_9^5\,\Phi_4^5\,\Phi_3^5\,\Phi_1^5$
105551	1515	552	$\frac{1}{46}$	$\frac{47}{552}$	$\frac{1}{4}$	$\frac{45}{92}$	$\Phi_{552}^3\,\Phi_{276}^3\,\Phi_{184}^3\,\Phi_{138}^3\,\Phi_{92}^2\,\Phi_{69}^3\,\Phi_{46}\,\Phi_{24}^3\,\Phi_{23}\,\Phi_{12}^3\,\Phi_8^3\,\Phi_6^3\,\Phi_4\,\Phi_3^3\,\Phi_1$
105552	1515	1776	$\frac{7}{296}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{289}{592}$	$\Phi_{1776}^2\,\Phi_{592}\,\Phi_{48}^2\,\Phi_{24}^2\,\Phi_{16}\,\Phi_{12}^2\,\Phi_8\,\Phi_6\,\Phi_4\,\Phi_3\,\Phi_1$
105553	1515	272	$\frac{1}{34}$	$\frac{1}{16}$	$\frac{35}{136}$	$\frac{33}{68}$	$\Phi_{272}^6\,\Phi_{136}^5\,\Phi_{68}^6\,\Phi_{34}^5\,\Phi_{17}^5\,\Phi_{16}^5\,\Phi_8^4\,\Phi_4^5\,\Phi_2^4\,\Phi_1^5$
105554	1515	968	$\frac{21}{484}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{463}{968}$	$\Phi_{968}^3\,\Phi_{88}^3\,\Phi_{44}^2\,\Phi_{22}\,\Phi_{11}\,\Phi_8^3\,\Phi_4\,\Phi_1$
105555	1515	528	$\frac{23}{528}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{528}^3\,\Phi_{264}^3\,\Phi_{176}^3\,\Phi_{132}^3\,\Phi_{88}^3\,\Phi_{66}^3\,\Phi_{48}^3\,\Phi_{44}^2\,\Phi_{33}^3\,\Phi_{24}^3\,\Phi_{22}\,\Phi_{16}^3\,\Phi_{12}^3\,\Phi_{11}\,\Phi_8^3\,\Phi_6^3\,\Phi_4\,\Phi_3^3\,\Phi_1$
105556	1515	1932	$\frac{1}{23}$	$\frac{22}{483}$	$\frac{1}{4}$	$\frac{461}{966}$	$\Phi_{1932}\,\Phi_{644}\,\Phi_{483}\,\Phi_{276}\,\Phi_{161}\,\Phi_{92}^2\,\Phi_{84}\,\Phi_{69}\,\Phi_{46}\,\Phi_{28}\,\Phi_{23}\,\Phi_{21}\,\Phi_{12}\,\Phi_7\,\Phi_4\,\Phi_3\,\Phi_1$
105557	1515	192	$\frac{5}{96}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{91}{192}$	$\Phi_{192}^{15}\,\Phi_{64}^{15}\,\Phi_{48}^2\,\Phi_{24}^2\,\Phi_{16}\,\Phi_{12}^2\,\Phi_8\,\Phi_6\,\Phi_4\,\Phi_3\,\Phi_1$
105558	1515	960	$\frac{17}{320}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{960}^2\,\Phi_{480}^2\,\Phi_{320}\,\Phi_{240}^2\,\Phi_{192}^2\,\Phi_{160}\,\Phi_{120}^2\,\Phi_{80}\,\Phi_{64}\,\Phi_{60}^2\,\Phi_{48}^2\,\Phi_{40}\,\Phi_{30}^2\,\Phi_{24}^2\,\Phi_{20}\,\Phi_{16}\,\Phi_{15}^2\,\Phi_{12}^2\,\Phi_{10}\,\Phi_8\,\Phi_6\,\Phi_5\,\Phi_4\,\Phi_3\,\Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
105559	1515	570	$\frac{1}{19}$	$\frac{6}{95}$	$\frac{1}{6}$	$\frac{89}{190}$	$\Phi_{570}^3\ \Phi_{285}^3\ \Phi_{114}^4\ \Phi_{95}^3\ \Phi_{57}^4\ \Phi_{38}\ \Phi_{30}^3\ \Phi_{19}^3\ \Phi_{15}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^3$
105560	1515	2100	$\frac{1}{50}$	$\frac{1}{14}$	$\frac{49}{150}$	$\frac{13}{28}$	$\Phi_{2100}^2\ \Phi_{420}^2\ \Phi_{300}^2\ \Phi_{150}\ \Phi_{84}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{28}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
105561	1515	728	$\frac{3}{104}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{728}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{104}^3\ \Phi_{91}^2\ \Phi_{56}^2\ \Phi_{52}^3\ \Phi_{28}\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
105562	1515	420	$\frac{4}{105}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{420}^7\ \Phi_{140}^6\ \Phi_{105}\ \Phi_{84}^7\ \Phi_{60}^7\ \Phi_{35}\ \Phi_{28}^7\ \Phi_{21}\ \Phi_{20}^6\ \Phi_{15}\ \Phi_{12}^7\ \Phi_7\ \Phi_4^7\ \Phi_3\ \Phi_1$
105563	1515	3500	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{24}{125}$	$\frac{13}{28}$	$\Phi_{3500}\ \Phi_{500}\ \Phi_{125}\ \Phi_{28}\ \Phi_4\ \Phi_1$
105564	1515	840	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{19}{120}$	$\frac{13}{28}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}^3\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^3\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
105565	1515	1540	$\frac{1}{14}$	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{13}{28}$	$\Phi_{1540}^2\ \Phi_{308}^2\ \Phi_{220}^2\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{28}\ \Phi_{22}\ \Phi_{11}\ \Phi_4\ \Phi_1$
105566	1515	184	$\frac{1}{46}$	$\frac{9}{92}$	$\frac{1}{4}$	$\frac{83}{184}$	$\Phi_{184}^{15}\ \Phi_{92}^2\ \Phi_{46}\ \Phi_{23}\ \Phi_8^{15}\ \Phi_4\ \Phi_1$
105567	1515	1596	$\frac{1}{38}$	$\frac{37}{266}$	$\frac{1}{6}$	$\frac{229}{532}$	$\Phi_{1596}^2\ \Phi_{532}\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{84}^2\ \Phi_{76}\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{28}\ \Phi_{19}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
105568	1515	432	$\frac{1}{16}$	$\frac{7}{108}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{108}^3\ \Phi_{72}^4\ \Phi_{54}^3\ \Phi_{48}^2\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
105569	1515	1360	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{16}{85}$	$\frac{69}{170}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{272}^2\ \Phi_{136}^2\ \Phi_{85}\ \Phi_{80}\ \Phi_{68}^2\ \Phi_{40}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
105570	1515	1208	$\frac{1}{151}$	$\frac{1}{4}$	$\frac{50}{151}$	$\frac{3}{8}$	$\Phi_{1208}^2\ \Phi_{151}^2\ \Phi_8^3\ \Phi_1^3$
105571	1515	408	$\frac{1}{102}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^6\ \Phi_{204}^2\ \Phi_{136}^6\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}\ \Phi_{24}^6\ \Phi_{17}\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
105572	1515	456	$\frac{1}{76}$	$\frac{1}{6}$	$\frac{25}{76}$	$\frac{51}{152}$	$\Phi_{456}^6\ \Phi_{228}^2\ \Phi_{152}^3\ \Phi_{114}^2\ \Phi_{76}\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{24}^6\ \Phi_{19}\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
105573	1515	528	$\frac{2}{33}$	$\frac{1}{16}$	$\frac{31}{132}$	$\frac{1}{3}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{132}^2\ \Phi_{88}^3\ \Phi_{66}^2\ \Phi_{48}^4\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{24}^4\ \Phi_{22}^2\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
105574	1515	432	$\frac{1}{16}$	$\frac{7}{108}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{48}^4\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{24}^4\ \Phi_{18}^2\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
105575	1515	111	$\frac{2}{37}$	$\frac{10}{111}$	$\frac{7}{37}$	$\frac{1}{3}$	$\Phi_{111}^{13}\ \Phi_{37}^{15}\ \Phi_3^{12}\ \Phi_1^{15}$
105576	1515	1050	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{49}{150}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{210}^2\ \Phi_{150}^3\ \Phi_{105}^2\ \Phi_{75}^3\ \Phi_{42}^2\ \Phi_{30}^3\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
105577	1515	300	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{49}{150}$	$\Phi_{300}^6\ \Phi_{150}^3\ \Phi_{100}^8\ \Phi_{75}^3\ \Phi_{60}^6\ \Phi_{50}^4\ \Phi_{30}^3\ \Phi_{25}^4\ \Phi_{20}^8\ \Phi_{15}^3\ \Phi_{12}^8\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^9\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
105578	1515	552	$\frac{1}{23}$	$\frac{47}{552}$	$\frac{1}{4}$	$\frac{22}{69}$	$\Phi_{552}^3\ \Phi_{276}^2\ \Phi_{184}^3\ \Phi_{138}^2\ \Phi_{92}^3\ \Phi_{69}^3\ \Phi_{46}^3\ \Phi_{24}^3\ \Phi_{23}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
105579	1515	114	$\frac{1}{19}$	$\frac{13}{114}$	$\frac{1}{6}$	$\frac{6}{19}$	$\Phi_{114}^{13}\ \Phi_{57}^{13}\ \Phi_{38}^{13}\ \Phi_{19}^{15}\ \Phi_6^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{15}$
105580	1515	336	$\frac{1}{16}$	$\frac{11}{112}$	$\frac{1}{6}$	$\frac{5}{16}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^3\ \Phi_{84}^6\ \Phi_{56}^3\ \Phi_{48}^2\ \Phi_{42}^6\ \Phi_{28}^3\ \Phi_{24}^2\ \Phi_{21}^6\ \Phi_{16}\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_8\ \Phi_7^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
105581	1515	1452	$\frac{1}{22}$	$\frac{21}{242}$	$\frac{1}{4}$	$\frac{221}{726}$	$\Phi_{1452}^2\ \Phi_{726}\ \Phi_{363}\ \Phi_{132}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
105582	1515	528	$\frac{23}{528}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{132}^2\ \Phi_{88}^3\ \Phi_{66}^2\ \Phi_{48}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_{11}^3\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
105583	1515	144	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{144}$	$\Phi_{144}^{15}\ \Phi_{72}^{15}\ \Phi_{48}^2\ \Phi_{36}^{15}\ \Phi_{24}^2\ \Phi_{18}^{15}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9^{15}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
105584	1515	728	$\frac{3}{104}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{728}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{104}^3\ \Phi_{91}^2\ \Phi_{56}^2\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
105585	1515	105	$\frac{4}{105}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{105}^{15}\ \Phi_{35}^{13}\ \Phi_{21}^{15}\ \Phi_{15}^{15}\ \Phi_7^{15}\ \Phi_5^{12}\ \Phi_3^{15}\ \Phi_1^{15}$
105586	1515	875	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{24}{125}$	$\frac{2}{7}$	$\Phi_{875}^2\ \Phi_{125}^3\ \Phi_7^2\ \Phi_1^3$
105587	1515	840	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{19}{120}$	$\frac{2}{7}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}^3\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^3\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
105588	1515	770	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{110}^3\ \Phi_{77}^2\ \Phi_{55}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_7^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
105589	1515	276	$\frac{1}{46}$	$\frac{9}{46}$	$\frac{1}{4}$	$\frac{37}{138}$	$\Phi_{276}^{10}\ \Phi_{138}^{5}\ \Phi_{92}^{2}\ \Phi_{69}^{5}\ \Phi_{46}\ \Phi_{23}\ \Phi_{12}^{10}\ \Phi_{6}^{5}\ \Phi_{4}\ \Phi_{3}^{5}\ \Phi_{1}$
105590	1515	312	$\frac{3}{104}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{312}^{6}\ \Phi_{156}^{6}\ \Phi_{104}^{3}\ \Phi_{78}^{6}\ \Phi_{52}^{3}\ \Phi_{39}^{6}\ \Phi_{26}^{3}\ \Phi_{24}^{6}\ \Phi_{13}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{3}\ \Phi_{6}$ $\Phi_{4}\ \Phi_{3}\ \Phi_{1}$
105591	1515	1200	$\frac{3}{100}$	$\frac{1}{6}$	$\frac{97}{400}$	$\frac{1}{4}$	$\Phi_{1200}^{2}\ \Phi_{600}^{2}\ \Phi_{400}\ \Phi_{240}^{2}\ \Phi_{200}\ \Phi_{120}^{2}\ \Phi_{80}\ \Phi_{48}^{2}\ \Phi_{40}\ \Phi_{24}^{2}\ \Phi_{16}$ $\Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
105592	1515	132	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{31}{132}$	$\frac{1}{4}$	$\Phi_{132}^{10}\ \Phi_{66}^{10}\ \Phi_{44}^{11}\ \Phi_{33}^{15}\ \Phi_{22}^{11}\ \Phi_{12}^{10}\ \Phi_{11}^{15}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{15}\ \Phi_{2}^{10}\ \Phi_{1}^{15}$
105593	1515	644	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{139}{644}$	$\frac{1}{4}$	$\Phi_{644}^{2}\ \Phi_{322}^{2}\ \Phi_{161}^{3}\ \Phi_{92}^{3}\ \Phi_{46}^{3}\ \Phi_{28}^{2}\ \Phi_{23}^{3}\ \Phi_{14}^{2}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
105594	1515	420	$\frac{4}{105}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^{5}\ \Phi_{210}^{2}\ \Phi_{140}^{5}\ \Phi_{105}^{3}\ \Phi_{84}^{5}\ \Phi_{70}^{2}\ \Phi_{60}^{3}\ \Phi_{42}^{2}\ \Phi_{35}^{3}\ \Phi_{30}\ \Phi_{28}^{5}\ \Phi_{21}^{3}$ $\Phi_{20}^{4}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_{7}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{5}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
105595	1515	1500	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{24}{125}$	$\frac{1}{4}$	$\Phi_{1500}^{2}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{125}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
105596	1515	220	$\frac{9}{110}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{4}$	$\Phi_{220}^{10}\ \Phi_{110}^{5}\ \Phi_{55}^{5}\ \Phi_{44}^{6}\ \Phi_{22}\ \Phi_{20}^{10}\ \Phi_{11}^{5}\ \Phi_{10}^{5}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{1}^{5}$
105597	1515	120	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{120}^{15}\ \Phi_{60}^{9}\ \Phi_{40}^{15}\ \Phi_{30}^{9}\ \Phi_{24}^{15}\ \Phi_{20}^{12}\ \Phi_{15}^{9}\ \Phi_{12}^{11}\ \Phi_{10}^{12}\ \Phi_{8}^{15}\ \Phi_{6}^{10}\ \Phi_{5}^{12}$ $\Phi_{4}^{13}\ \Phi_{3}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
105598	1515	960	$\frac{17}{320}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{960}^{2}\ \Phi_{480}^{2}\ \Phi_{320}\ \Phi_{240}^{2}\ \Phi_{192}^{2}\ \Phi_{160}\ \Phi_{120}^{2}\ \Phi_{96}^{2}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}^{2}$ $\Phi_{40}\ \Phi_{32}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
105599	1515	660	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{660}^{4}\ \Phi_{330}^{2}\ \Phi_{220}^{2}\ \Phi_{165}^{2}\ \Phi_{132}^{4}\ \Phi_{110}\ \Phi_{66}^{2}\ \Phi_{55}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{22}$ $\Phi_{12}^{2}\ \Phi_{11}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
105600	1515	1188	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{594}$	$\frac{1}{4}$	$\Phi_{1188}^{2}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{132}\ \Phi_{108}^{2}\ \Phi_{99}\ \Phi_{54}\ \Phi_{44}^{2}\ \Phi_{36}\ \Phi_{33}$ $\Phi_{27}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
105601	1515	384	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{1}{6}$	$\frac{27}{128}$	$\Phi_{384}^{6}\ \Phi_{192}^{6}\ \Phi_{128}^{3}\ \Phi_{64}^{3}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
105602	1515	240	$\frac{1}{16}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{240}^{8}\ \Phi_{120}^{7}\ \Phi_{80}^{8}\ \Phi_{60}^{7}\ \Phi_{48}^{2}\ \Phi_{40}^{7}\ \Phi_{30}^{7}\ \Phi_{24}^{2}\ \Phi_{20}^{7}\ \Phi_{16}\ \Phi_{15}^{7}\ \Phi_{12}^{2}$ $\Phi_{10}^{7}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}^{7}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
105603	1515	1140	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{18}{95}$	$\frac{77}{380}$	$\Phi_{1140}^{2}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}^{2}\ \Phi_{114}^{2}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}^{2}\ \Phi_{57}^{2}\ \Phi_{38}$ $\Phi_{30}\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
105604	1516	756	$\frac{1}{378}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{377}{756}$	$\Phi_{756}^{4}\ \Phi_{252}^{4}\ \Phi_{108}^{4}\ \Phi_{84}^{4}\ \Phi_{36}^{4}\ \Phi_{28}^{4}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
105605	1516	606	$\frac{1}{303}$	$\frac{76}{303}$	$\frac{227}{606}$	$\frac{151}{303}$	$\Phi_{606}^{4}\ \Phi_{303}\ \Phi_{202}^{4}\ \Phi_{101}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
105606	1516	1518	$\frac{1}{253}$	$\frac{127}{506}$	$\frac{1}{3}$	$\frac{126}{253}$	$\Phi_{1518}^{2}\ \Phi_{759}\ \Phi_{138}^{2}\ \Phi_{69}\ \Phi_{66}^{2}\ \Phi_{33}\ \Phi_{6}^{2}$
105607	1516	755	$\frac{3}{755}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{376}{755}$	$\Phi_{755}^{2}\ \Phi_{151}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
105608	1516	3760	$\frac{3}{376}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{373}{752}$	$\Phi_{3760}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
105609	1516	707	$\frac{1}{101}$	$\frac{51}{707}$	$\frac{328}{707}$	$\frac{50}{101}$	$\Phi_{707}^{2}\ \Phi_{101}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
105610	1516	750	$\frac{4}{375}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{371}{750}$	$\Phi_{750}^{4}\ \Phi_{250}^{4}\ \Phi_{150}^{4}\ \Phi_{50}^{4}\ \Phi_{30}^{4}\ \Phi_{15}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
105611	1516	750	$\frac{4}{375}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{371}{750}$	$\Phi_{750}^{4}\ \Phi_{250}^{4}\ \Phi_{150}^{4}\ \Phi_{50}^{4}\ \Phi_{30}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
105612	1516	2280	$\frac{1}{76}$	$\frac{77}{456}$	$\frac{1}{5}$	$\frac{75}{152}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{120}\ \Phi_{95}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}$ $\Phi_{15}\ \Phi_{10}$
105613	1516	2244	$\frac{5}{374}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{369}{748}$	$\Phi_{2244}^{2}\ \Phi_{204}^{2}\ \Phi_{132}^{2}\ \Phi_{33}\ \Phi_{12}^{2}$
105614	1516	414	$\frac{1}{69}$	$\frac{35}{414}$	$\frac{1}{3}$	$\frac{34}{69}$	$\Phi_{414}^{4}\ \Phi_{207}^{4}\ \Phi_{138}^{4}\ \Phi_{69}^{2}\ \Phi_{46}^{4}\ \Phi_{23}^{2}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
105615	1516	1485	$\frac{31}{1485}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{727}{1485}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}^{2}\ \Phi_{27}\ \Phi_{15}$ $\Phi_{11}^{2}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
105616	1516	1485	$\frac{31}{1485}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{727}{1485}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}^{2}\ \Phi_{33}\ \Phi_{27}\ \Phi_{15}$ $\Phi_{11}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
105617	1516	740	$\frac{9}{370}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{361}{740}$	$\Phi_{740}^{4}\ \Phi_{148}^{4}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
105618	1516	510	$\frac{7}{255}$	$\frac{1}{15}$	$\frac{131}{510}$	$\frac{124}{255}$	$\Phi_{510}^{4}\ \Phi_{255}^{2}\ \Phi_{170}^{4}\ \Phi_{102}^{4}\ \Phi_{85}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{4}\ \Phi_{30}^{4}\ \Phi_{17}^{2}\ \Phi_{15}\ \Phi_{10}^{4}\ \Phi_{6}^{4}$ $\Phi_{5}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
105619	1516	404	$\frac{3}{101}$	$\frac{25}{404}$	$\frac{26}{101}$	$\frac{49}{101}$	$\Phi_{404}^{4}\ \Phi_{202}^{4}\ \Phi_{101}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
105620	1516	2208	$\frac{11}{368}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{357}{736}$	$\Phi_{2208}^{2}\ \Phi_{96}^{2}\ \Phi_{69}$
105621	1516	396	$\frac{1}{33}$	$\frac{17}{396}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{396}^{4}\ \Phi_{198}^{4}\ \Phi_{132}^{4}\ \Phi_{99}^{4}\ \Phi_{66}^{4}\ \Phi_{44}^{4}\ \Phi_{36}^{4}\ \Phi_{33}^{2}\ \Phi_{22}^{4}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{11}^{2}$ $\Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
105622	1516	1173	$\frac{12}{391}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{1173}^2\ \Phi_{69}\ \Phi_{51}^2$
105623	1516	726	$\frac{1}{33}$	$\frac{16}{363}$	$\frac{1}{3}$	$\frac{347}{726}$	$\Phi_{726}^4\ \Phi_{242}^4\ \Phi_{66}^4\ \Phi_{33}^2\ \Phi_{22}^4\ \Phi_{11}^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
105624	1516	1449	$\frac{2}{69}$	$\frac{67}{1449}$	$\frac{1}{3}$	$\frac{691}{1449}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{161}\ \Phi_{69}^2\ \Phi_{63}\ \Phi_{23}^2\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
105625	1516	3610	$\frac{18}{361}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{343}{722}$	$\Phi_{3610}\ \Phi_{190}\ \Phi_{95}\ \Phi_{10}$
105626	1516	400	$\frac{1}{20}$	$\frac{21}{400}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{400}^4\ \Phi_{200}^4\ \Phi_{100}^4\ \Phi_{80}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
105627	1516	720	$\frac{1}{20}$	$\frac{19}{360}$	$\frac{1}{5}$	$\frac{341}{720}$	$\Phi_{720}^4\ \Phi_{240}^4\ \Phi_{144}^4\ \Phi_{80}^4\ \Phi_{48}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
105628	1516	720	$\frac{19}{360}$	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{341}{720}$	$\Phi_{720}^4\ \Phi_{240}^4\ \Phi_{144}^4\ \Phi_{80}^4\ \Phi_{48}^4\ \Phi_{45}^2\ \Phi_{16}^4\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
105629	1516	1425	$\frac{4}{95}$	$\frac{91}{1425}$	$\frac{1}{5}$	$\frac{667}{1425}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{285}\ \Phi_{95}^2\ \Phi_{75}\ \Phi_{57}\ \Phi_{25}\ \Phi_{19}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
105630	1516	1125	$\frac{8}{375}$	$\frac{1}{15}$	$\frac{367}{1125}$	$\frac{7}{15}$	$\Phi_{1125}^2\ \Phi_{225}^2\ \Phi_{45}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
105631	1516	390	$\frac{11}{390}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{65}^4\ \Phi_{39}^4\ \Phi_{30}^4\ \Phi_{26}^4\ \Phi_{15}\ \Phi_{13}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
105632	1516	450	$\frac{4}{75}$	$\frac{1}{15}$	$\frac{71}{450}$	$\frac{7}{15}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{50}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
105633	1516	825	$\frac{1}{15}$	$\frac{67}{825}$	$\frac{8}{75}$	$\frac{7}{15}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
105634	1516	1155	$\frac{6}{385}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1155}^2\ \Phi_{231}^2\ \Phi_{165}^2\ \Phi_{105}^2\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{15}^2$
105635	1516	690	$\frac{1}{69}$	$\frac{34}{345}$	$\frac{1}{3}$	$\frac{311}{690}$	$\Phi_{690}^4\ \Phi_{230}^4\ \Phi_{138}^4\ \Phi_{69}^2\ \Phi_{46}^4\ \Phi_{30}^4\ \Phi_{23}^2\ \Phi_{10}^4\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
105636	1516	3420	$\frac{1}{38}$	$\frac{37}{342}$	$\frac{1}{5}$	$\frac{305}{684}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{380}\ \Phi_{190}\ \Phi_{180}\ \Phi_{95}\ \Phi_{60}\ \Phi_{20}\ \Phi_{10}$
105637	1516	665	$\frac{2}{95}$	$\frac{93}{665}$	$\frac{1}{5}$	$\frac{286}{665}$	$\Phi_{665}^2\ \Phi_{133}^2\ \Phi_{95}^4\ \Phi_{35}^2\ \Phi_{19}^4\ \Phi_7^2\ \Phi_5^3\ \Phi_1^4$
105638	1516	405	$\frac{26}{405}$	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{19}{45}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^4\ \Phi_{45}^2\ \Phi_{27}^4\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
105639	1516	1275	$\frac{14}{255}$	$\frac{1}{15}$	$\frac{241}{1275}$	$\frac{517}{1275}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{255}^2\ \Phi_{85}^2\ \Phi_{75}\ \Phi_{51}^2\ \Phi_{25}\ \Phi_{17}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
105640	1516	3040	$\frac{1}{76}$	$\frac{1}{5}$	$\frac{75}{304}$	$\frac{229}{608}$	$\Phi_{3040}\ \Phi_{380}\ \Phi_{190}\ \Phi_{160}\ \Phi_{95}\ \Phi_{20}\ \Phi_{10}$
105641	1516	1920	$\frac{5}{384}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
105642	1516	606	$\frac{1}{101}$	$\frac{25}{101}$	$\frac{76}{303}$	$\frac{227}{606}$	$\Phi_{606}^4\ \Phi_{202}^4\ \Phi_{101}^3\ \Phi_6^4\ \Phi_2^4\ \Phi_1^4$
105643	1516	570	$\frac{1}{95}$	$\frac{1}{5}$	$\frac{94}{285}$	$\frac{191}{570}$	$\Phi_{570}^4\ \Phi_{190}^4\ \Phi_{114}^4\ \Phi_{95}^4\ \Phi_{38}^4\ \Phi_{30}^4\ \Phi_{19}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
105644	1516	381	$\frac{2}{381}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{381}^4\ \Phi_{127}^4\ \Phi_3\ \Phi_1^2$
105645	1516	567	$\frac{1}{189}$	$\frac{188}{567}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{567}^4\ \Phi_{81}^4\ \Phi_3\ \Phi_1^2$
105646	1516	504	$\frac{1}{126}$	$\frac{125}{504}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{84}^4\ \Phi_{72}^4\ \Phi_{56}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
105647	1516	765	$\frac{7}{765}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^2\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{45}^2\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
105648	1516	945	$\frac{2}{189}$	$\frac{187}{945}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
105649	1516	384	$\frac{5}{384}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{384}^4\ \Phi_{192}^4\ \Phi_{128}^4\ \Phi_{96}^4\ \Phi_{64}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
105650	1516	1155	$\frac{6}{385}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}^2\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}^2\ \Phi_{55}^2\ \Phi_{35}^2\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
105651	1516	441	$\frac{1}{63}$	$\frac{62}{441}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{441}^4\ \Phi_{147}^4\ \Phi_{49}^4\ \Phi_3\ \Phi_1^2$
105652	1516	432	$\frac{1}{54}$	$\frac{53}{432}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
105653	1516	387	$\frac{8}{387}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{387}^4\ \Phi_{129}^4\ \Phi_{43}^4\ \Phi_3\ \Phi_1^2$
105654	1516	420	$\frac{1}{42}$	$\frac{41}{420}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
105655	1516	777	$\frac{19}{777}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{777}^2\ \Phi_{259}^2\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_3\ \Phi_1^2$
105656	1516	819	$\frac{2}{63}$	$\frac{61}{819}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{819}^2\ \Phi_{273}^2\ \Phi_{117}^2\ \Phi_{91}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
105657	1516	783	$\frac{25}{783}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{783}^2\ \Phi_{261}^2\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_3\ \Phi_1^2$
105658	1516	1176	$\frac{13}{392}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}^2\ \Phi_{294}\ \Phi_{196}^2\ \Phi_{168}\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{49}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
105659	1516	405	$\frac{1}{27}$	$\frac{26}{405}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^4\ \Phi_{45}^4\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
105660	1516	396	$\frac{17}{396}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^4\ \Phi_{99}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{36}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{12}^4\ \Phi_{11}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
105661	1516	399	$\frac{1}{21}$	$\frac{20}{399}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{399}^4\ \Phi_{133}^4\ \Phi_{57}^4\ \Phi_{19}^4\ \Phi_3\ \Phi_1^2$
105662	1516	561	$\frac{5}{187}$	$\frac{1}{11}$	$\frac{182}{561}$	$\frac{1}{3}$	$\Phi_{561}^2\ \Phi_{187}^4\ \Phi_{51}^2\ \Phi_{33}^3\ \Phi_{17}^4\ \Phi_{11}^4\ \Phi_3^2\ \Phi_1^4$
105663	1516	414	$\frac{2}{69}$	$\frac{35}{414}$	$\frac{67}{207}$	$\frac{1}{3}$	$\Phi_{414}^4\ \Phi_{207}^3\ \Phi_{138}^4\ \Phi_{69}^4\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{18}^4\ \Phi_9^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
105664	1516	552	$\frac{1}{23}$	$\frac{11}{184}$	$\frac{173}{552}$	$\frac{1}{3}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{184}^4\ \Phi_{138}^4\ \Phi_{92}^4\ \Phi_{69}^3\ \Phi_{46}^4\ \Phi_{24}^2\ \Phi_{23}^4\ \Phi_{12}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
105665	1516	396	$\frac{17}{396}$	$\frac{2}{33}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^4\ \Phi_{99}^3\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{36}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{11}^4\ \Phi_9^3\ \Phi_6^4\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
105666	1516	1089	$\frac{1}{33}$	$\frac{32}{363}$	$\frac{331}{1089}$	$\frac{1}{3}$	$\Phi_{1089}^2\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
105667	1516	1035	$\frac{1}{69}$	$\frac{68}{345}$	$\frac{277}{1035}$	$\frac{1}{3}$	$\Phi_{1035}^2\ \Phi_{207}^2\ \Phi_{69}^2\ \Phi_{45}^2\ \Phi_{23}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
105668	1516	414	$\frac{1}{23}$	$\frac{35}{414}$	$\frac{11}{46}$	$\frac{1}{3}$	$\Phi_{414}^4\ \Phi_{207}^4\ \Phi_{138}^2\ \Phi_{69}^3\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
105669	1516	495	$\frac{2}{33}$	$\frac{31}{495}$	$\frac{116}{495}$	$\frac{1}{3}$	$\Phi_{495}^3\ \Phi_{165}^3\ \Phi_{99}^3\ \Phi_{55}^3\ \Phi_{45}^3\ \Phi_{33}^4\ \Phi_{15}^3\ \Phi_{11}^4\ \Phi_9^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
105670	1516	396	$\frac{17}{396}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^4\ \Phi_{99}^4\ \Phi_{66}^2\ \Phi_{44}^4\ \Phi_{36}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{11}^4\ \Phi_9^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
105671	1516	483	$\frac{2}{69}$	$\frac{67}{483}$	$\frac{104}{483}$	$\frac{1}{3}$	$\Phi_{483}^3\ \Phi_{161}^3\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_{21}^3\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
105672	1516	2805	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{177}{935}$	$\frac{1}{3}$	$\Phi_{2805}\ \Phi_{255}\ \Phi_{165}\ \Phi_{33}\ \Phi_{15}$
105673	1516	825	$\frac{2}{33}$	$\frac{67}{825}$	$\frac{31}{165}$	$\frac{1}{3}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}\ \Phi_{75}^2\ \Phi_{55}\ \Phi_{33}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
105674	1516	1380	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{81}{460}$	$\frac{1}{3}$	$\Phi_{1380}^2\ \Phi_{690}^2\ \Phi_{345}^2\ \Phi_{69}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^2$
105675	1516	891	$\frac{2}{33}$	$\frac{31}{297}$	$\frac{133}{891}$	$\frac{1}{3}$	$\Phi_{891}^2\ \Phi_{297}\ \Phi_{99}\ \Phi_{81}^2\ \Phi_{33}^2\ \Phi_{27}\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
105676	1516	2820	$\frac{3}{188}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{185}{564}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{705}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
105677	1516	2280	$\frac{1}{38}$	$\frac{77}{456}$	$\frac{1}{5}$	$\frac{37}{114}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{120}\ \Phi_{95}\ \Phi_{60}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
105678	1516	855	$\frac{4}{95}$	$\frac{97}{855}$	$\frac{1}{5}$	$\frac{91}{285}$	$\Phi_{855}^2\ \Phi_{285}\ \Phi_{171}^2\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{45}^2\ \Phi_{19}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
105679	1516	420	$\frac{1}{20}$	$\frac{41}{420}$	$\frac{1}{5}$	$\frac{19}{60}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
105680	1516	495	$\frac{31}{495}$	$\frac{1}{15}$	$\frac{116}{495}$	$\frac{14}{45}$	$\Phi_{495}^3\ \Phi_{165}^3\ \Phi_{99}^3\ \Phi_{55}^3\ \Phi_{45}^4\ \Phi_{33}^3\ \Phi_{15}^3\ \Phi_{11}^3\ \Phi_9^4\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
105681	1516	405	$\frac{26}{405}$	$\frac{1}{15}$	$\frac{31}{135}$	$\frac{14}{45}$	$\Phi_{405}^4\ \Phi_{135}^3\ \Phi_{81}^4\ \Phi_{45}^4\ \Phi_{27}^3\ \Phi_{15}^3\ \Phi_9^4\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
105682	1516	540	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{1}{5}$	$\frac{161}{540}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
105683	1516	540	$\frac{1}{15}$	$\frac{19}{180}$	$\frac{7}{45}$	$\frac{161}{540}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{54}^4\ \Phi_{45}^2\ \Phi_{27}^4\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
105684	1516	390	$\frac{11}{390}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{65}^4\ \Phi_{39}^4\ \Phi_{30}^4\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
105685	1516	500	$\frac{4}{125}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{121}{500}$	$\Phi_{500}^4\ \Phi_{250}^4\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
105686	1516	450	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{71}{450}$	$\frac{19}{90}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{45}^2\ \Phi_{25}^4\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
105687	1516	480	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{1}{5}$	$\frac{101}{480}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
105688	1516	475	$\frac{4}{95}$	$\frac{91}{475}$	$\frac{1}{5}$	$\frac{96}{475}$	$\Phi_{475}^3\ \Phi_{95}^4\ \Phi_{25}^3\ \Phi_{19}^4\ \Phi_5^3\ \Phi_1^4$
105689	1516	400	$\frac{21}{400}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{400}^4\ \Phi_{200}^4\ \Phi_{100}^4\ \Phi_{80}^4\ \Phi_{50}^4\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
105690	1516	450	$\frac{4}{75}$	$\frac{71}{450}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{50}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
105691	1517	3024	$\frac{5}{1512}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1507}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
105692	1517	3008	$\frac{13}{1504}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1491}{3008}$	$\Phi_{3008}\ \Phi_{64}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
105693	1517	1824	$\frac{3}{304}$	$\frac{307}{1824}$	$\frac{1}{4}$	$\frac{301}{608}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
105694	1517	3000	$\frac{17}{1500}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1483}{3000}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{200}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
105695	1517	720	$\frac{1}{40}$	$\frac{1}{36}$	$\frac{35}{72}$	$\frac{39}{80}$	$\Phi_{720}^4\ \Phi_{240}^4\ \Phi_{144}^4\ \Phi_{80}^5\ \Phi_{72}\ \Phi_{48}^4\ \Phi_{24}\ \Phi_{16}^5\ \Phi_{8}\ \Phi_{1}$
105696	1517	3120	$\frac{1}{40}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{208}\ \Phi_{80}\ \Phi_{39}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
105697	1517	2160	$\frac{1}{40}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{39}{80}$	$\Phi_{2160}^2\ \Phi_{432}^2\ \Phi_{80}\ \Phi_{54}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
105698	1517	80	$\frac{1}{40}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{39}{80}$	$\Phi_{80}^{37}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}^{37}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
105699	1517	240	$\frac{1}{40}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{39}{80}$	$\Phi_{240}^4\ \Phi_{120}^8\ \Phi_{80}^5\ \Phi_{60}^8\ \Phi_{48}^5\ \Phi_{40}^8\ \Phi_{30}^8\ \Phi_{24}^9\ \Phi_{20}^8\ \Phi_{16}^6\ \Phi_{15}^8\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_{8}^9\ \Phi_{6}^8\ \Phi_{5}^8\ \Phi_{4}^8\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^9$
105700	1517	720	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{39}{80}$	$\Phi_{720}^4\ \Phi_{240}^4\ \Phi_{144}^4\ \Phi_{80}^5\ \Phi_{48}^4\ \Phi_{45}\ \Phi_{16}^5\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
105701	1517	1680	$\frac{1}{40}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{39}{80}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{112}^2\ \Phi_{80}\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
105702	1517	360	$\frac{1}{36}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{35}{72}$	$\Phi_{360}^8\ \Phi_{120}^8\ \Phi_{72}^9\ \Phi_{60}\ \Phi_{40}^8\ \Phi_{30}\ \Phi_{24}^9\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}^9\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
105703	1517	792	$\frac{1}{36}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{792}^4\ \Phi_{264}^4\ \Phi_{88}^4\ \Phi_{72}\ \Phi_{44}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
105704	1517	360	$\frac{1}{36}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{35}{72}$	$\Phi_{360}^8\ \Phi_{120}^8\ \Phi_{72}^9\ \Phi_{45}\ \Phi_{40}^8\ \Phi_{24}^9\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}^9\ \Phi_{3}\ \Phi_{1}$
105705	1517	1800	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{35}{72}$	$\Phi_{1800}^2\ \Phi_{600}^2\ \Phi_{200}^2\ \Phi_{72}\ \Phi_{50}\ \Phi_{25}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
105706	1517	144	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{35}{72}$	$\Phi_{144}^{12}\ \Phi_{72}^9\ \Phi_{48}^{13}\ \Phi_{36}^8\ \Phi_{24}^{10}\ \Phi_{18}^8\ \Phi_{16}^{13}\ \Phi_{12}^9\ \Phi_{9}^8\ \Phi_{8}^9\ \Phi_{6}^9\ \Phi_{4}^8\ \Phi_{3}^9\ \Phi_{2}^8\ \Phi_{1}^9$
105707	1517	1600	$\frac{3}{80}$	$\frac{83}{1600}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{64}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
105708	1517	2888	$\frac{3}{76}$	$\frac{73}{1444}$	$\frac{1}{4}$	$\frac{1371}{2888}$	$\Phi_{2888}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
105709	1517	1482	$\frac{1}{38}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{494}\ \Phi_{247}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{39}\ \Phi_{38}\ \Phi_{19}\ \Phi_{13}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
105710	1517	2880	$\frac{3}{80}$	$\frac{77}{1440}$	$\frac{1}{4}$	$\frac{1363}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
105711	1517	1064	$\frac{1}{38}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{1064}^2\ \Phi_{266}^2\ \Phi_{152}^2\ \Phi_{133}^2\ \Phi_{56}\ \Phi_{38}\ \Phi_{19}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
105712	1517	2736	$\frac{3}{152}$	$\frac{149}{1368}$	$\frac{1}{4}$	$\frac{1219}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{152}\ \Phi_{144}\ \Phi_{76}\ \Phi_{48}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
105713	1517	1368	$\frac{1}{38}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{1368}^2\ \Phi_{456}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{72}\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
105714	1517	912	$\frac{1}{38}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{48}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{16}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
105715	1517	1330	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{266}^2\ \Phi_{190}\ \Phi_{133}^2\ \Phi_{95}\ \Phi_{38}\ \Phi_{35}\ \Phi_{19}\ \Phi_{14}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
105716	1517	1536	$\frac{19}{1536}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
105717	1517	2432	$\frac{3}{304}$	$\frac{301}{1216}$	$\frac{1}{4}$	$\frac{915}{2432}$	$\Phi_{2432}\ \Phi_{304}\ \Phi_{152}\ \Phi_{128}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
105718	1517	2016	$\frac{5}{504}$	$\frac{499}{2016}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
105719	1517	1536	$\frac{19}{1536}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
105720	1517	1728	$\frac{5}{216}$	$\frac{211}{1728}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
105721	1517	1680	$\frac{5}{168}$	$\frac{163}{1680}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
105722	1517	1568	$\frac{51}{1568}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{224}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{49}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
105723	1517	1584	$\frac{67}{1584}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
105724	1517	2280	$\frac{3}{380}$	$\frac{1}{4}$	$\frac{377}{1140}$	$\frac{763}{2280}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{456}\ \Phi_{380}\ \Phi_{190}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{76}\ \Phi_{40}\ \Phi_{38}\ \Phi_{24}\ \Phi_{20}\ \Phi_{19}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
105725	1517	780	$\frac{1}{20}$	$\frac{2}{39}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}^{2}\ \Phi_{156}^{2}\ \Phi_{130}^{2}\ \Phi_{78}^{2}\ \Phi_{65}^{2}\ \Phi_{60}\ \Phi_{52}^{2}\ \Phi_{39}^{3}\ \Phi_{30}\ \Phi_{26}^{2}\ \Phi_{15}\ \Phi_{13}^{3}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
105726	1517	1716	$\frac{2}{39}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{286}\ \Phi_{143}\ \Phi_{44}\ \Phi_{39}\ \Phi_{22}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}$
105727	1517	585	$\frac{2}{39}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{585}^{3}\ \Phi_{195}^{2}\ \Phi_{117}^{3}\ \Phi_{65}^{2}\ \Phi_{45}\ \Phi_{39}^{3}\ \Phi_{15}\ \Phi_{13}^{3}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
105728	1517	1950	$\frac{2}{39}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{325}\ \Phi_{50}\ \Phi_{39}\ \Phi_{25}\ \Phi_{13}\ \Phi_{1}$
105729	1517	624	$\frac{2}{39}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{624}^{3}\ \Phi_{312}^{2}\ \Phi_{208}^{3}\ \Phi_{156}^{2}\ \Phi_{104}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{48}\ \Phi_{39}^{3}\ \Phi_{26}^{2}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}^{3}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
105730	1517	2256	$\frac{13}{752}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{739}{2256}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
105731	1517	1824	$\frac{3}{152}$	$\frac{307}{1824}$	$\frac{1}{4}$	$\frac{149}{456}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{96}\ \Phi_{76}\ \Phi_{48}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
105732	1517	1680	$\frac{3}{80}$	$\frac{163}{1680}$	$\frac{1}{4}$	$\frac{77}{240}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
105733	1517	540	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{19}{60}$	$\Phi_{540}^{4}\ \Phi_{270}^{4}\ \Phi_{135}^{4}\ \Phi_{108}^{4}\ \Phi_{60}\ \Phi_{54}^{5}\ \Phi_{30}\ \Phi_{27}^{5}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
105734	1517	120	$\frac{1}{20}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{19}{60}$	$\Phi_{120}^{20}\ \Phi_{60}^{17}\ \Phi_{40}\ \Phi_{30}^{17}\ \Phi_{24}^{20}\ \Phi_{20}\ \Phi_{15}^{17}\ \Phi_{12}^{17}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}^{17}\ \Phi_{5}\ \Phi_{3}^{17}\ \Phi_{1}$
105735	1517	240	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{19}{60}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}^{8}\ \Phi_{60}\ \Phi_{48}^{9}\ \Phi_{40}^{8}\ \Phi_{30}\ \Phi_{24}^{9}\ \Phi_{16}^{9}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}^{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
105736	1517	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{19}{60}$	$\Phi_{180}^{8}\ \Phi_{90}^{8}\ \Phi_{60}^{9}\ \Phi_{45}^{9}\ \Phi_{36}^{8}\ \Phi_{30}^{9}\ \Phi_{20}^{8}\ \Phi_{18}^{8}\ \Phi_{15}^{10}\ \Phi_{12}^{9}\ \Phi_{10}^{8}\ \Phi_{9}^{8}\ \Phi_{6}^{9}\ \Phi_{5}^{9}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
105737	1517	420	$\frac{1}{20}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{19}{60}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{4}\ \Phi_{70}^{4}\ \Phi_{60}\ \Phi_{42}^{5}\ \Phi_{35}^{4}\ \Phi_{30}\ \Phi_{28}^{4}\ \Phi_{21}^{5}\ \Phi_{15}\ \Phi_{14}^{5}\ \Phi_{12}\ \Phi_{7}^{5}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
105738	1517	1188	$\frac{1}{18}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{1188}^{2}\ \Phi_{594}^{2}\ \Phi_{297}^{2}\ \Phi_{54}\ \Phi_{44}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
105739	1517	270	$\frac{1}{18}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{17}{54}$	$\Phi_{270}^{8}\ \Phi_{135}^{8}\ \Phi_{54}^{9}\ \Phi_{45}\ \Phi_{27}^{9}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
105740	1517	1350	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{17}{54}$	$\Phi_{1350}^{2}\ \Phi_{675}^{2}\ \Phi_{54}\ \Phi_{50}\ \Phi_{27}\ \Phi_{25}\ \Phi_{1}$
105741	1517	432	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{17}{54}$	$\Phi_{432}^{6}\ \Phi_{216}^{4}\ \Phi_{108}^{4}\ \Phi_{54}^{5}\ \Phi_{48}\ \Phi_{27}^{5}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
105742	1517	2160	$\frac{3}{80}$	$\frac{77}{720}$	$\frac{1}{4}$	$\frac{643}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
105743	1517	1560	$\frac{43}{1560}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
105744	1517	1026	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{1026}^{2}\ \Phi_{513}^{2}\ \Phi_{114}^{2}\ \Phi_{57}^{2}\ \Phi_{54}\ \Phi_{38}\ \Phi_{27}\ \Phi_{19}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
105745	1517	440	$\frac{3}{44}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{440}^{4}\ \Phi_{220}^{4}\ \Phi_{110}^{4}\ \Phi_{88}^{4}\ \Phi_{55}^{4}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
105746	1517	2000	$\frac{17}{500}$	$\frac{3}{20}$	$\frac{483}{2000}$	$\frac{1}{4}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{400}\ \Phi_{200}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
105747	1517	528	$\frac{3}{44}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{528}^{4}\ \Phi_{264}^{4}\ \Phi_{176}^{4}\ \Phi_{88}^{4}\ \Phi_{48}\ \Phi_{44}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
105748	1517	1920	$\frac{3}{80}$	$\frac{77}{480}$	$\frac{403}{1920}$	$\frac{1}{4}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
105749	1517	360	$\frac{3}{40}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{360}^{5}\ \Phi_{180}^{4}\ \Phi_{120}^{5}\ \Phi_{90}^{4}\ \Phi_{72}^{5}\ \Phi_{60}^{4}\ \Phi_{45}^{5}\ \Phi_{40}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{5}\ \Phi_{20}\ \Phi_{18}^{4}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{9}^{5}\ \Phi_{8}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{3}^{5}\ \Phi_{1}$
105750	1517	200	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{4}$	$\Phi_{200}^{10}\ \Phi_{100}^{8}\ \Phi_{50}^{9}\ \Phi_{40}\ \Phi_{25}^{9}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
105751	1517	1980	$\frac{3}{44}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}$
105752	1517	1600	$\frac{83}{1600}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
105753	1517	924	$\frac{3}{44}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{231}^{2}\ \Phi_{154}^{2}\ \Phi_{77}^{2}\ \Phi_{44}\ \Phi_{42}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
105754	1517	1800	$\frac{17}{300}$	$\frac{3}{20}$	$\frac{283}{1800}$	$\frac{1}{4}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}$ $\Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
105755	1517	240	$\frac{3}{40}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{4}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}^{8}\ \Phi_{60}^{8}\ \Phi_{48}^{5}\ \Phi_{40}\ \Phi_{30}^{8}\ \Phi_{24}^{5}\ \Phi_{20}\ \Phi_{16}^{5}\ \Phi_{15}^{8}\ \Phi_{12}^{5}$ $\Phi_{10}\ \Phi_{8}\ \Phi_{6}^{5}\ \Phi_{5}\ \Phi_{3}^{5}\ \Phi_{1}$
105756	1517	720	$\frac{1}{12}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{11}{48}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{2}\ \Phi_{144}^{3}\ \Phi_{120}^{2}\ \Phi_{80}^{2}\ \Phi_{72}^{3}\ \Phi_{48}^{3}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{24}^{3}\ \Phi_{16}^{3}$ $\Phi_{15}\ \Phi_{9}\ \Phi_{8}^{3}\ \Phi_{3}\ \Phi_{1}$
105757	1517	1200	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{11}{48}$	$\Phi_{1200}^{2}\ \Phi_{600}^{2}\ \Phi_{400}^{2}\ \Phi_{200}^{2}\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
105758	1517	48	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{11}{48}$	$\Phi_{48}^{30}\ \Phi_{24}^{34}\ \Phi_{16}^{30}\ \Phi_{12}^{33}\ \Phi_{8}^{33}\ \Phi_{6}^{33}\ \Phi_{4}^{32}\ \Phi_{3}^{33}\ \Phi_{2}^{32}\ \Phi_{1}^{33}$
105759	1517	45	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{5}$	$\Phi_{45}^{34}\ \Phi_{15}^{34}\ \Phi_{9}^{33}\ \Phi_{5}^{33}\ \Phi_{3}^{33}\ \Phi_{1}^{33}$
105760	1517	630	$\frac{4}{45}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}^{2}\ \Phi_{126}^{3}\ \Phi_{105}^{2}\ \Phi_{70}^{2}\ \Phi_{63}^{3}\ \Phi_{45}\ \Phi_{42}^{3}\ \Phi_{35}^{2}\ \Phi_{21}^{3}\ \Phi_{15}$ $\Phi_{14}^{3}\ \Phi_{9}\ \Phi_{7}^{3}\ \Phi_{3}\ \Phi_{1}$
105761	1517	450	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{9}{50}$	$\Phi_{450}^{4}\ \Phi_{225}^{4}\ \Phi_{150}^{4}\ \Phi_{75}^{4}\ \Phi_{50}^{5}\ \Phi_{45}\ \Phi_{25}^{5}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
105762	1517	1050	$\frac{1}{10}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{9}{50}$	$\Phi_{1050}^{2}\ \Phi_{525}^{2}\ \Phi_{350}^{2}\ \Phi_{175}^{2}\ \Phi_{50}\ \Phi_{42}\ \Phi_{25}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
105763	1517	720	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{8}{45}$	$\Phi_{720}^{3}\ \Phi_{360}^{2}\ \Phi_{240}^{3}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{80}^{3}\ \Phi_{60}^{2}\ \Phi_{48}\ \Phi_{45}^{3}\ \Phi_{40}^{2}\ \Phi_{30}^{2}$ $\Phi_{24}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{15}^{3}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{6}\ \Phi_{5}^{3}\ \Phi_{3}\ \Phi_{1}$
105764	1517	336	$\frac{5}{42}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{6}$	$\Phi_{336}^{6}\ \Phi_{168}^{4}\ \Phi_{112}^{6}\ \Phi_{84}^{4}\ \Phi_{56}^{4}\ \Phi_{48}\ \Phi_{42}^{5}\ \Phi_{28}^{4}\ \Phi_{24}\ \Phi_{21}^{5}\ \Phi_{16}\ \Phi_{14}^{5}$ $\Phi_{12}\ \Phi_{7}^{5}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
105765	1518	2520	$\frac{1}{252}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{251}{504}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}^{2}\ \Phi_{360}\ \Phi_{280}\ \Phi_{168}^{2}\ \Phi_{120}\ \Phi_{72}^{2}\ \Phi_{56}^{2}\ \Phi_{40}\ \Phi_{24}^{2}$ $\Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
105766	1518	504	$\frac{1}{252}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{251}{504}$	$\Phi_{504}^{6}\ \Phi_{168}^{6}\ \Phi_{72}^{6}\ \Phi_{56}^{6}\ \Phi_{24}^{6}\ \Phi_{12}\ \Phi_{8}^{6}\ \Phi_{6}$
105767	1518	4530	$\frac{4}{755}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{751}{1510}$	$\Phi_{4530}\ \Phi_{906}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
105768	1518	676	$\frac{1}{169}$	$\frac{1}{4}$	$\frac{85}{338}$	$\frac{84}{169}$	$\Phi_{676}^{3}\ \Phi_{338}\ \Phi_{169}^{2}\ \Phi_{52}^{3}\ \Phi_{26}\ \Phi_{13}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
105769	1518	912	$\frac{1}{152}$	$\frac{51}{304}$	$\frac{1}{3}$	$\frac{151}{304}$	$\Phi_{912}^{2}\ \Phi_{456}^{3}\ \Phi_{228}^{3}\ \Phi_{114}^{3}\ \Phi_{57}^{3}\ \Phi_{48}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
105770	1518	2740	$\frac{1}{137}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{68}{137}$	$\Phi_{2740}\ \Phi_{548}\ \Phi_{137}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
105771	1518	2055	$\frac{1}{137}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{68}{137}$	$\Phi_{2055}\ \Phi_{411}\ \Phi_{137}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
105772	1518	4512	$\frac{7}{752}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{745}{1504}$	$\Phi_{4512}\ \Phi_{96}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
105773	1518	1500	$\frac{3}{250}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{247}{500}$	$\Phi_{1500}^{3}\ \Phi_{300}^{3}\ \Phi_{60}^{3}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^{3}\ \Phi_{6}$
105774	1518	2856	$\frac{1}{68}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{67}{136}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{168}\ \Phi_{136}^{2}\ \Phi_{56}\ \Phi_{24}\ \Phi_{21}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
105775	1518	408	$\frac{1}{68}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{67}{136}$	$\Phi_{408}^{7}\ \Phi_{136}^{8}\ \Phi_{24}^{7}\ \Phi_{12}^{2}\ \Phi_{8}^{8}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
105776	1518	952	$\frac{1}{68}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{67}{136}$	$\Phi_{952}^{3}\ \Phi_{136}^{4}\ \Phi_{56}^{3}\ \Phi_{14}^{2}\ \Phi_{8}^{4}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
105777	1518	2860	$\frac{1}{65}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{32}{65}$	$\Phi_{2860}\ \Phi_{572}\ \Phi_{260}\ \Phi_{220}\ \Phi_{65}\ \Phi_{52}\ \Phi_{44}^{2}\ \Phi_{20}\ \Phi_{13}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
105778	1518	2145	$\frac{1}{65}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{32}{65}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{195}\ \Phi_{165}\ \Phi_{65}\ \Phi_{39}\ \Phi_{33}^{2}\ \Phi_{15}\ \Phi_{13}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
105779	1518	2880	$\frac{1}{45}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{22}{45}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{64}^{2}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
105780	1518	720	$\frac{1}{45}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{22}{45}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{180}^{2}\ \Phi_{144}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{80}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{48}^{2}$ $\Phi_{45}^{3}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{4}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{4}$ $\Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
105781	1518	180	$\frac{1}{45}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{22}{45}$	$\Phi_{180}^{8}\ \Phi_{90}^{8}\ \Phi_{60}^{8}\ \Phi_{45}^{9}\ \Phi_{36}^{8}\ \Phi_{30}^{8}\ \Phi_{20}^{8}\ \Phi_{18}^{8}\ \Phi_{15}^{9}\ \Phi_{12}^{11}\ \Phi_{10}^{8}\ \Phi_{9}^{9}\ \Phi_{6}^{11}$ $\Phi_{5}^{9}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
105782	1518	360	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{22}{45}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{4}\ \Phi_{90}^{4}\ \Phi_{72}^{4}\ \Phi_{60}^{4}\ \Phi_{45}^{5}\ \Phi_{40}^{5}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{5}\ \Phi_{20}^{5}$ $\Phi_{18}^{4}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{10}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
105783	1518	1482	$\frac{6}{247}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{241}{494}$	$\Phi_{1482}^{3}\ \Phi_{114}^{3}\ \Phi_{78}^{3}\ \Phi_{57}\ \Phi_{6}^{3}$
105784	1518	988	$\frac{6}{247}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{241}{494}$	$\Phi_{988}^{2}\ \Phi_{247}^{2}\ \Phi_{76}^{2}\ \Phi_{52}^{3}\ \Phi_{26}\ \Phi_{19}^{2}\ \Phi_{13}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
105785	1518	492	$\frac{1}{41}$	$\frac{7}{246}$	$\frac{239}{492}$	$\frac{20}{41}$	$\Phi_{492}^{6}\ \Phi_{164}^{6}\ \Phi_{41}\ \Phi_{12}^{6}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
105786	1518	369	$\frac{1}{41}$	$\frac{7}{123}$	$\frac{116}{369}$	$\frac{20}{41}$	$\Phi_{369}^{6}\ \Phi_{41}\ \Phi_{9}^{6}\ \Phi_{1}^{2}$
105787	1518	820	$\frac{1}{41}$	$\frac{61}{820}$	$\frac{21}{82}$	$\frac{20}{41}$	$\Phi_{820}^{2}\ \Phi_{410}^{2}\ \Phi_{205}^{2}\ \Phi_{164}^{2}\ \Phi_{41}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
105788	1518	328	$\frac{1}{41}$	$\frac{7}{82}$	$\frac{75}{328}$	$\frac{20}{41}$	$\Phi_{328}^{6}\ \Phi_{164}^{6}\ \Phi_{41}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
105789	1518	287	$\frac{1}{41}$	$\frac{34}{287}$	$\frac{7}{41}$	$\frac{20}{41}$	$\Phi_{287}^{6}\ \Phi_{41}\ \Phi_{7}^{6}\ \Phi_{1}^{2}$
105790	1518	2400	$\frac{1}{40}$	$\frac{41}{800}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
105791	1518	1092	$\frac{1}{39}$	$\frac{20}{273}$	$\frac{1}{4}$	$\frac{19}{39}$	$\Phi_{1092}^{2}\ \Phi_{546}^{2}\ \Phi_{364}^{2}\ \Phi_{182}^{2}\ \Phi_{156}\ \Phi_{84}^{2}\ \Phi_{78}\ \Phi_{52}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{26}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{6}$
105792	1518	1480	$\frac{19}{740}$	$\frac{1}{37}$	$\frac{18}{37}$	$\frac{721}{1480}$	$\Phi_{1480}^{2}\ \Phi_{296}^{2}\ \Phi_{40}^{2}\ \Phi_{37}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
105793	1518	4440	$\frac{19}{740}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{721}{1480}$	$\Phi_{4440}\ \Phi_{888}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
105794	1518	370	$\frac{1}{37}$	$\frac{19}{370}$	$\frac{117}{370}$	$\frac{18}{37}$	$\Phi_{370}^{4}\ \Phi_{185}^{4}\ \Phi_{74}^{4}\ \Phi_{37}^{5}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
105795	1518	74	$\frac{1}{37}$	$\frac{5}{74}$	$\frac{19}{74}$	$\frac{18}{37}$	$\Phi_{74}^{20}\ \Phi_{37}^{21}\ \Phi_{2}^{20}\ \Phi_{1}^{22}$
105796	1518	925	$\frac{1}{37}$	$\frac{19}{185}$	$\frac{166}{925}$	$\frac{18}{37}$	$\Phi_{925}^{2}\ \Phi_{37}\ \Phi_{25}^{2}\ \Phi_{1}^{2}$
105797	1518	296	$\frac{1}{37}$	$\frac{19}{148}$	$\frac{43}{296}$	$\frac{18}{37}$	$\Phi_{296}^{6}\ \Phi_{148}^{4}\ \Phi_{74}^{4}\ \Phi_{37}^{5}\ \Phi_{8}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
105798	1518	492	$\frac{7}{246}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{239}{492}$	$\Phi_{492}^{6}\ \Phi_{164}^{6}\ \Phi_{41}\ \Phi_{12}^{6}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
105799	1518	492	$\frac{7}{246}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{239}{492}$	$\Phi_{492}^{6}\ \Phi_{164}^{6}\ \Phi_{41}\ \Phi_{12}^{6}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
105800	1518	1517	$\frac{45}{1517}$	$\frac{71}{1517}$	$\frac{482}{1517}$	$\frac{736}{1517}$	$\Phi_{1517}\ \Phi_{41}\ \Phi_{37}\ \Phi_{1}^{2}$
105801	1518	192	$\frac{1}{32}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{192}^{15}\ \Phi_{64}^{16}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
105802	1518	960	$\frac{1}{32}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{31}{64}$	$\Phi_{960}^{3}\ \Phi_{320}^{3}\ \Phi_{192}^{3}\ \Phi_{64}^{4}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
105803	1518	1600	$\frac{1}{32}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{31}{64}$	$\Phi_{1600}^{2}\ \Phi_{320}\ \Phi_{64}^{2}\ \Phi_{25}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
105804	1518	1728	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{31}{64}$	$\Phi_{1728}^{2}\ \Phi_{576}\ \Phi_{192}\ \Phi_{64}^{2}\ \Phi_{27}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
105805	1518	1668	$\frac{5}{139}$	$\frac{1}{12}$	$\frac{24}{139}$	$\frac{67}{139}$	$\Phi_{1668}\ \Phi_{834}\ \Phi_{556}\ \Phi_{417}\ \Phi_{278}$
105806	1518	1517	$\frac{61}{1517}$	$\frac{114}{1517}$	$\frac{263}{1517}$	$\frac{728}{1517}$	$\Phi_{1517}\ \Phi_{41}\ \Phi_{37}\ \Phi_{1}^{2}$
105807	1518	676	$\frac{7}{169}$	$\frac{8}{169}$	$\frac{1}{4}$	$\frac{81}{169}$	$\Phi_{676}^{3}\ \Phi_{338}^{3}\ \Phi_{52}^{3}\ \Phi_{26}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
105808	1518	2244	$\frac{1}{34}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{2244}^{2}\ \Phi_{204}^{2}\ \Phi_{132}\ \Phi_{102}\ \Phi_{51}\ \Phi_{12}\ \Phi_{6}$
105809	1518	2860	$\frac{2}{65}$	$\frac{1}{22}$	$\frac{21}{65}$	$\frac{21}{44}$	$\Phi_{2860}\ \Phi_{572}\ \Phi_{260}\ \Phi_{220}\ \Phi_{65}\ \Phi_{52}\ \Phi_{44}^{2}\ \Phi_{20}\ \Phi_{13}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
105810	1518	1012	$\frac{1}{23}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{1012}\ \Phi_{506}^{2}\ \Phi_{253}^{2}\ \Phi_{92}^{2}\ \Phi_{46}^{3}\ \Phi_{23}^{2}$
105811	1518	1540	$\frac{1}{22}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{1540}^{2}\ \Phi_{308}^{2}\ \Phi_{220}\ \Phi_{140}^{2}\ \Phi_{44}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{20}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
105812	1518	572	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{21}{44}$	$\Phi_{572}^{5}\ \Phi_{52}^{5}\ \Phi_{44}^{6}\ \Phi_{13}^{5}\ \Phi_{4}^{6}\ \Phi_{1}^{6}$
105813	1518	924	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{21}{44}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}\ \Phi_{231}^{2}\ \Phi_{154}^{2}\ \Phi_{84}^{3}\ \Phi_{77}^{2}\ \Phi_{42}^{3}\ \Phi_{28}^{2}\ \Phi_{21}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
105814	1518	714	$\frac{1}{34}$	$\frac{1}{21}$	$\frac{11}{34}$	$\frac{10}{21}$	$\Phi_{714}^{2}\ \Phi_{357}^{2}\ \Phi_{238}^{2}\ \Phi_{119}^{2}\ \Phi_{102}^{2}\ \Phi_{51}^{2}\ \Phi_{42}^{2}\ \Phi_{34}^{4}\ \Phi_{21}^{3}\ \Phi_{17}^{4}\ \Phi_{14}^{2}\ \Phi_{7}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
105815	1518	168	$\frac{1}{24}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{168}^{9}\ \Phi_{84}^{8}\ \Phi_{56}^{9}\ \Phi_{42}^{8}\ \Phi_{28}^{8}\ \Phi_{24}^{12}\ \Phi_{21}^{9}\ \Phi_{14}^{8}\ \Phi_{12}^{11}\ \Phi_{8}^{12}\ \Phi_{7}^{9}\ \Phi_{6}^{11}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
105816	1518	1785	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{10}{21}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{255}\ \Phi_{105}\ \Phi_{85}^{2}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
105817	1518	4332	$\frac{1}{38}$	$\frac{37}{722}$	$\frac{1}{3}$	$\frac{685}{1444}$	$\Phi_{4332}\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{12}\ \Phi_{6}$
105818	1518	481	$\frac{1}{37}$	$\frac{25}{481}$	$\frac{12}{37}$	$\frac{228}{481}$	$\Phi_{481}^{3}\ \Phi_{37}^{5}\ \Phi_{13}^{3}\ \Phi_{1}^{6}$
105819	1518	480	$\frac{1}{40}$	$\frac{13}{240}$	$\frac{1}{3}$	$\frac{227}{480}$	$\Phi_{480}^{6}\ \Phi_{160}^{6}\ \Phi_{120}\ \Phi_{96}^{6}\ \Phi_{60}\ \Phi_{32}^{6}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
105820	1518	1517	$\frac{35}{1517}$	$\frac{93}{1517}$	$\frac{494}{1517}$	$\frac{712}{1517}$	$\Phi_{1517}\ \Phi_{41}\ \Phi_{37}\ \Phi_{1}^{2}$
105821	1518	2990	$\frac{1}{23}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{2990}\ \Phi_{598}\ \Phi_{230}\ \Phi_{115}\ \Phi_{46}$
105822	1518	1036	$\frac{1}{37}$	$\frac{18}{259}$	$\frac{277}{1036}$	$\frac{241}{518}$	$\Phi_{1036}^{2}\ \Phi_{259}^{2}\ \Phi_{148}^{2}\ \Phi_{37}\ \Phi_{28}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
105823	1518	644	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{644}^{2}\ \Phi_{322}^{3}\ \Phi_{161}^{3}\ \Phi_{92}^{2}\ \Phi_{46}^{3}\ \Phi_{23}^{2}$
105824	1518	82	$\frac{2}{41}$	$\frac{3}{41}$	$\frac{13}{82}$	$\frac{19}{41}$	$\Phi_{82}^{22}\ \Phi_{41}^{15}\ \Phi_{2}^{22}\ \Phi_{1}^{16}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
105825	1518	1608	$\frac{1}{24}$	$\frac{5}{67}$	$\frac{12}{67}$	$\frac{31}{67}$	$\Phi_{1608}\ \Phi_{804}\ \Phi_{536}\ \Phi_{402}\ \Phi_{268}\ \Phi_{201}\ \Phi_{134}$
105826	1518	260	$\frac{7}{260}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{260}^6\ \Phi_{130}^6\ \Phi_{65}^6\ \Phi_{52}^5\ \Phi_{26}^5\ \Phi_{20}^6\ \Phi_{13}^6\ \Phi_{10}^6\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
105827	1518	74	$\frac{5}{74}$	$\frac{3}{37}$	$\frac{4}{37}$	$\frac{17}{37}$	$\Phi_{74}^{22}\ \Phi_{37}^{19}\ \Phi_2^{22}\ \Phi_1^{20}$
105828	1518	468	$\frac{1}{39}$	$\frac{19}{234}$	$\frac{1}{4}$	$\frac{215}{468}$	$\Phi_{468}^2\ \Phi_{234}^4\ \Phi_{156}^3\ \Phi_{117}^4\ \Phi_{78}^5\ \Phi_{52}^3\ \Phi_{39}^4\ \Phi_{36}^2\ \Phi_{26}^5\ \Phi_{18}^4\ \Phi_{13}^4\ \Phi_{12}^3\ \Phi_9^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
105829	1518	1517	$\frac{54}{1517}$	$\frac{133}{1517}$	$\frac{275}{1517}$	$\frac{692}{1517}$	$\Phi_{1517}\ \Phi_{41}\ \Phi_{37}\ \Phi_1^2$
105830	1518	676	$\frac{4}{169}$	$\frac{15}{169}$	$\frac{1}{4}$	$\frac{77}{169}$	$\Phi_{676}^3\ \Phi_{338}^3\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_4^2\ \Phi_2^2$
105831	1518	2814	$\frac{1}{67}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{2814}\ \Phi_{938}\ \Phi_{402}\ \Phi_{201}\ \Phi_{134}$
105832	1518	966	$\frac{1}{23}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{966}^3\ \Phi_{322}^3\ \Phi_{161}\ \Phi_{138}^3\ \Phi_{46}^3$
105833	1518	420	$\frac{1}{70}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{420}^{10}\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}^{10}\ \Phi_{60}^9\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}^9\ \Phi_6$
105834	1518	2740	$\frac{2}{137}$	$\frac{1}{10}$	$\frac{45}{137}$	$\frac{9}{20}$	$\Phi_{2740}\ \Phi_{548}\ \Phi_{137}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
105835	1518	940	$\frac{1}{47}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{940}\ \Phi_{470}^2\ \Phi_{235}^2\ \Phi_{188}^2\ \Phi_{94}^3\ \Phi_{47}^2$
105836	1518	2740	$\frac{5}{137}$	$\frac{1}{10}$	$\frac{22}{137}$	$\frac{9}{20}$	$\Phi_{2740}\ \Phi_{548}\ \Phi_{137}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
105837	1518	840	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^3\ \Phi_{140}\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_7^2$
105838	1518	1840	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{368}\ \Phi_{230}\ \Phi_{184}\ \Phi_{115}\ \Phi_{46}$
105839	1518	456	$\frac{1}{76}$	$\frac{25}{228}$	$\frac{1}{3}$	$\frac{203}{456}$	$\Phi_{456}^6\ \Phi_{228}\ \Phi_{152}^6\ \Phi_{114}\ \Phi_{57}\ \Phi_{24}^6\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
105840	1518	41	$\frac{1}{41}$	$\frac{5}{41}$	$\frac{8}{41}$	$\frac{18}{41}$	$\Phi_{41}^{37}\ \Phi_1^{38}$
105841	1518	768	$\frac{3}{256}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{768}^3\ \Phi_{384}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{48}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
105842	1518	2144	$\frac{1}{67}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{2144}\ \Phi_{536}\ \Phi_{268}\ \Phi_{134}$
105843	1518	259	$\frac{6}{259}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{259}^6\ \Phi_{37}^5\ \Phi_7^6\ \Phi_1^6$
105844	1518	444	$\frac{1}{37}$	$\frac{31}{222}$	$\frac{6}{37}$	$\frac{191}{444}$	$\Phi_{444}^6\ \Phi_{148}^6\ \Phi_{37}^5\ \Phi_{12}^6\ \Phi_4^6\ \Phi_1^6$
105845	1518	3990	$\frac{1}{95}$	$\frac{94}{665}$	$\frac{1}{3}$	$\frac{571}{1330}$	$\Phi_{3990}\ \Phi_{798}\ \Phi_{570}\ \Phi_{285}\ \Phi_{210}\ \Phi_{114}\ \Phi_{57}\ \Phi_{42}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
105846	1518	2680	$\frac{1}{67}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{2680}\ \Phi_{536}\ \Phi_{268}\ \Phi_{134}$
105847	1518	920	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{920}^3\ \Phi_{230}\ \Phi_{184}^3\ \Phi_{115}\ \Phi_{46}$
105848	1518	296	$\frac{1}{37}$	$\frac{43}{296}$	$\frac{6}{37}$	$\frac{31}{74}$	$\Phi_{296}^6\ \Phi_{148}^6\ \Phi_{37}^5\ \Phi_8^6\ \Phi_4^6\ \Phi_1^6$
105849	1518	1295	$\frac{1}{37}$	$\frac{36}{259}$	$\frac{223}{1295}$	$\frac{536}{1295}$	$\Phi_{1295}\ \Phi_{259}^2\ \Phi_{185}\ \Phi_{37}\ \Phi_{35}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
105850	1518	74	$\frac{2}{37}$	$\frac{5}{74}$	$\frac{7}{37}$	$\frac{15}{37}$	$\Phi_{74}^{22}\ \Phi_{37}^{19}\ \Phi_2^{22}\ \Phi_1^{20}$
105851	1518	255	$\frac{2}{255}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{255}^6\ \Phi_{85}^6\ \Phi_{51}^6\ \Phi_{17}^6\ \Phi_{15}^5\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
105852	1518	1890	$\frac{1}{126}$	$\frac{1}{5}$	$\frac{125}{378}$	$\frac{2}{5}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}^2\ \Phi_{270}\ \Phi_{189}^2\ \Phi_{135}\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_5\ \Phi_1^2$
105853	1518	1280	$\frac{3}{256}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{256}^2\ \Phi_{160}\ \Phi_{128}^2\ \Phi_{80}\ \Phi_{64}^2\ \Phi_{40}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
105854	1518	1680	$\frac{1}{84}$	$\frac{1}{5}$	$\frac{83}{336}$	$\frac{2}{5}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{336}^2\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}^2\ \Phi_{120}\ \Phi_{112}^2\ \Phi_{80}\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
105855	1518	315	$\frac{1}{63}$	$\frac{62}{315}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{315}^5\ \Phi_{105}^5\ \Phi_{63}^4\ \Phi_{45}^5\ \Phi_{35}^5\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_9^4\ \Phi_7^4\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
105856	1518	1290	$\frac{5}{258}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{430}\ \Phi_{258}^2\ \Phi_{215}\ \Phi_{129}^2\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_5\ \Phi_1^2$
105857	1518	1295	$\frac{6}{259}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1295}\ \Phi_{259}^2\ \Phi_{185}\ \Phi_{37}^2\ \Phi_5\ \Phi_1^2$
105858	1518	1470	$\frac{1}{42}$	$\frac{41}{294}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{294}^2\ \Phi_{245}\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_5\ \Phi_1^2$
105859	1518	1440	$\frac{1}{36}$	$\frac{35}{288}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}^2\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}^2\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{80}\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
105860	1518	1305	$\frac{8}{261}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}^2\ \Phi_{145}\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
105861	1518	280	$\frac{1}{28}$	$\frac{27}{280}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{280}^{6}\ \Phi_{140}^{5}\ \Phi_{70}^{5}\ \Phi_{56}^{6}\ \Phi_{40}^{6}\ \Phi_{35}^{5}\ \Phi_{28}^{4}\ \Phi_{20}^{5}\ \Phi_{14}^{4}\ \Phi_{10}^{5}\ \Phi_{8}^{6}\ \Phi_{7}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
105862	1518	630	$\frac{5}{126}$	$\frac{11}{126}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{210}^{2}\ \Phi_{126}^{4}\ \Phi_{105}^{2}\ \Phi_{90}^{2}\ \Phi_{70}^{2}\ \Phi_{63}^{4}\ \Phi_{45}^{2}\ \Phi_{42}^{4}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{21}^{4}\ \Phi_{18}^{4}\ \Phi_{15}^{2}\ \Phi_{14}^{4}\ \Phi_{10}^{2}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
105863	1518	120	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{120}^{11}\ \Phi_{60}^{10}\ \Phi_{40}^{11}\ \Phi_{30}^{10}\ \Phi_{24}^{22}\ \Phi_{20}^{10}\ \Phi_{15}^{10}\ \Phi_{12}^{20}\ \Phi_{10}^{10}\ \Phi_{8}^{22}\ \Phi_{6}^{20}\ \Phi_{5}^{11}\ \Phi_{4}^{20}\ \Phi_{3}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{22}$
105864	1518	1365	$\frac{1}{21}$	$\frac{20}{273}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}^{2}\ \Phi_{195}\ \Phi_{91}^{2}\ \Phi_{65}\ \Phi_{39}^{2}\ \Phi_{13}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
105865	1518	1330	$\frac{13}{266}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1330}\ \Phi_{665}\ \Phi_{266}^{2}\ \Phi_{190}\ \Phi_{133}^{2}\ \Phi_{95}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
105866	1518	270	$\frac{1}{18}$	$\frac{17}{270}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{270}^{6}\ \Phi_{135}^{6}\ \Phi_{90}^{5}\ \Phi_{54}^{6}\ \Phi_{45}^{5}\ \Phi_{30}^{5}\ \Phi_{27}^{6}\ \Phi_{18}^{4}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
105867	1518	2502	$\frac{1}{139}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{2502}\ \Phi_{834}\ \Phi_{417}\ \Phi_{278}$
105868	1518	2576	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{2576}\ \Phi_{368}\ \Phi_{322}\ \Phi_{161}\ \Phi_{46}$
105869	1518	37	$\frac{1}{37}$	$\frac{4}{37}$	$\frac{9}{37}$	$\frac{14}{37}$	$\Phi_{37}^{41}\ \Phi_{1}^{42}$
105870	1518	3648	$\frac{1}{152}$	$\frac{151}{608}$	$\frac{1}{3}$	$\frac{457}{1216}$	$\Phi_{3648}\ \Phi_{456}\ \Phi_{228}\ \Phi_{192}\ \Phi_{114}\ \Phi_{57}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
105871	1518	2224	$\frac{1}{139}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{2224}\ \Phi_{556}\ \Phi_{278}$
105872	1518	2412	$\frac{1}{67}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{2412}\ \Phi_{804}\ \Phi_{402}\ \Phi_{268}\ \Phi_{201}\ \Phi_{134}$
105873	1518	259	$\frac{6}{259}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{259}^{6}\ \Phi_{37}^{5}\ \Phi_{7}^{6}\ \Phi_{1}^{6}$
105874	1518	1517	$\frac{43}{1517}$	$\frac{134}{1517}$	$\frac{461}{1517}$	$\frac{528}{1517}$	$\Phi_{1517}\ \Phi_{41}\ \Phi_{37}\ \Phi_{1}^{2}$
105875	1518	1608	$\frac{1}{24}$	$\frac{4}{67}$	$\frac{21}{67}$	$\frac{23}{67}$	$\Phi_{1608}\ \Phi_{804}\ \Phi_{536}\ \Phi_{402}\ \Phi_{268}\ \Phi_{201}\ \Phi_{134}$
105876	1518	1517	$\frac{62}{1517}$	$\frac{91}{1517}$	$\frac{485}{1517}$	$\frac{516}{1517}$	$\Phi_{1517}\ \Phi_{41}\ \Phi_{37}\ \Phi_{1}^{2}$
105877	1518	1668	$\frac{4}{139}$	$\frac{1}{12}$	$\frac{45}{139}$	$\frac{47}{139}$	$\Phi_{1668}\ \Phi_{834}\ \Phi_{556}\ \Phi_{417}\ \Phi_{278}$
105878	1518	1140	$\frac{1}{190}$	$\frac{63}{190}$	$\frac{1}{3}$	$\frac{127}{380}$	$\Phi_{1140}^{3}\ \Phi_{570}\ \Phi_{285}\ \Phi_{228}^{3}\ \Phi_{114}\ \Phi_{60}^{3}\ \Phi_{57}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^{3}\ \Phi_{6}$
105879	1518	1020	$\frac{2}{255}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{340}^{2}\ \Phi_{204}^{2}\ \Phi_{170}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{60}^{2}\ \Phi_{34}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{6}$
105880	1518	756	$\frac{1}{126}$	$\frac{1}{4}$	$\frac{125}{378}$	$\frac{1}{3}$	$\Phi_{756}^{4}\ \Phi_{378}^{2}\ \Phi_{189}^{2}\ \Phi_{108}^{4}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{12}\ \Phi_{6}$
105881	1518	912	$\frac{1}{76}$	$\frac{51}{304}$	$\frac{25}{76}$	$\frac{1}{3}$	$\Phi_{912}^{3}\ \Phi_{456}^{3}\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{12}\ \Phi_{6}$
105882	1518	1128	$\frac{7}{376}$	$\frac{1}{8}$	$\frac{123}{376}$	$\frac{1}{3}$	$\Phi_{1128}^{2}\ \Phi_{564}^{2}\ \Phi_{282}^{2}\ \Phi_{141}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
105883	1518	285	$\frac{2}{95}$	$\frac{32}{285}$	$\frac{31}{95}$	$\frac{1}{3}$	$\Phi_{285}^{5}\ \Phi_{95}^{6}\ \Phi_{57}^{5}\ \Phi_{19}^{6}\ \Phi_{15}^{5}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
105884	1518	840	$\frac{1}{40}$	$\frac{27}{280}$	$\frac{13}{40}$	$\frac{1}{3}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{168}^{3}\ \Phi_{120}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{60}\ \Phi_{42}^{3}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}^{3}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
105885	1518	204	$\frac{1}{34}$	$\frac{1}{12}$	$\frac{11}{34}$	$\frac{1}{3}$	$\Phi_{204}^{8}\ \Phi_{102}^{6}\ \Phi_{68}^{8}\ \Phi_{51}^{6}\ \Phi_{34}^{8}\ \Phi_{17}^{8}\ \Phi_{12}^{10}\ \Phi_{6}^{8}\ \Phi_{4}^{10}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
105886	1518	2280	$\frac{31}{760}$	$\frac{47}{760}$	$\frac{243}{760}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{120}\ \Phi_{114}\ \Phi_{60}\ \Phi_{57}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
105887	1518	798	$\frac{13}{266}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{798}^{3}\ \Phi_{399}^{3}\ \Phi_{114}^{3}\ \Phi_{57}\ \Phi_{42}^{3}\ \Phi_{21}^{3}\ \Phi_{6}^{3}$
105888	1518	48	$\frac{1}{24}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{48}^{30}\ \Phi_{24}^{32}\ \Phi_{16}^{32}\ \Phi_{12}^{32}\ \Phi_{8}^{34}\ \Phi_{6}^{32}\ \Phi_{4}^{34}\ \Phi_{3}^{31}\ \Phi_{2}^{34}\ \Phi_{1}^{34}$
105889	1518	2280	$\frac{23}{760}$	$\frac{67}{760}$	$\frac{231}{760}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{120}\ \Phi_{114}\ \Phi_{60}\ \Phi_{57}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
105890	1518	1122	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{374}^{2}\ \Phi_{187}^{2}\ \Phi_{102}^{2}\ \Phi_{66}\ \Phi_{51}^{2}\ \Phi_{34}^{2}\ \Phi_{22}^{2}\ \Phi_{17}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
105891	1518	780	$\frac{7}{260}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{780}^{3}\ \Phi_{390}^{3}\ \Phi_{195}^{3}\ \Phi_{156}^{3}\ \Phi_{78}^{3}\ \Phi_{60}^{3}\ \Phi_{39}^{3}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^{3}\ \Phi_{6}$
105892	1518	360	$\frac{1}{40}$	$\frac{13}{120}$	$\frac{107}{360}$	$\frac{1}{3}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}\ \Phi_{90}^{6}\ \Phi_{72}^{6}\ \Phi_{60}\ \Phi_{45}^{6}\ \Phi_{36}^{6}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}^{6}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}^{6}\ \Phi_{6}$
105893	1518	210	$\frac{1}{70}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{210}^{6}\ \Phi_{105}^{6}\ \Phi_{70}^{10}\ \Phi_{42}^{6}\ \Phi_{35}^{10}\ \Phi_{30}^{6}\ \Phi_{21}^{6}\ \Phi_{15}^{5}\ \Phi_{14}^{10}\ \Phi_{10}^{10}\ \Phi_{7}^{10}\ \Phi_{6}^{6}\ \Phi_{5}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{10}\ \Phi_{1}^{8}$
105894	1518	768	$\frac{3}{256}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{768}^{3}\ \Phi_{384}^{3}\ \Phi_{192}^{3}\ \Phi_{96}^{3}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{12}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
105895	1518	336	$\frac{1}{84}$	$\frac{83}{336}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{56}^6\ \Phi_{48}^6\ \Phi_{24}^6\ \Phi_{16}^6\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
105896	1518	2052	$\frac{7}{513}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{114}\ \Phi_{108}\ \Phi_{76}\ \Phi_{54}\ \Phi_{38}\ \Phi_{12}\ \Phi_6$
105897	1518	1260	$\frac{1}{63}$	$\frac{62}{315}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
105898	1518	516	$\frac{5}{258}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{516}^4\ \Phi_{258}^2\ \Phi_{172}^4\ \Phi_{129}^2\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{12}\ \Phi_6$
105899	1518	3108	$\frac{6}{259}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3108}\ \Phi_{1554}\ \Phi_{444}\ \Phi_{222}\ \Phi_{12}\ \Phi_6$
105900	1518	588	$\frac{1}{42}$	$\frac{41}{294}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}^4\ \Phi_{294}^2\ \Phi_{196}^4\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{12}\ \Phi_6$
105901	1518	288	$\frac{1}{36}$	$\frac{35}{288}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{288}^6\ \Phi_{144}^6\ \Phi_{96}^6\ \Phi_{72}^6\ \Phi_{48}^6\ \Phi_{32}^6\ \Phi_{24}^6\ \Phi_{16}^6\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
105902	1518	1044	$\frac{8}{261}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{348}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{12}\ \Phi_6$
105903	1518	2268	$\frac{2}{63}$	$\frac{61}{567}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{378}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{54}\ \Phi_{12}\ \Phi_6$
105904	1518	2352	$\frac{25}{784}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
105905	1518	840	$\frac{1}{28}$	$\frac{27}{280}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{105}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
105906	1518	2100	$\frac{19}{525}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
105907	1518	252	$\frac{5}{126}$	$\frac{11}{126}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^8\ \Phi_{126}^4\ \Phi_{84}^8\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{36}^8\ \Phi_{28}^8\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^9\ \Phi_9^4\ \Phi_7^4\ \Phi_6^5\ \Phi_4^8\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
105908	1518	24	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{24}^{66}\ \Phi_{12}^{61}\ \Phi_8^{66}\ \Phi_6^{61}\ \Phi_4^{60}\ \Phi_3^{60}\ \Phi_2^{60}\ \Phi_1^{60}$
105909	1518	1092	$\frac{1}{21}$	$\frac{20}{273}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{12}\ \Phi_6$
105910	1518	1596	$\frac{13}{266}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1596}^2\ \Phi_{798}\ \Phi_{399}\ \Phi_{228}^2\ \Phi_{114}\ \Phi_{57}\ \Phi_{12}\ \Phi_6$
105911	1518	540	$\frac{1}{18}$	$\frac{17}{270}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^2\ \Phi_{180}^4\ \Phi_{135}^2\ \Phi_{108}^4\ \Phi_{90}^2\ \Phi_{60}^4\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
105912	1518	3000	$\frac{9}{250}$	$\frac{1}{10}$	$\frac{241}{1000}$	$\frac{1}{3}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{600}\ \Phi_{300}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
105913	1518	2964	$\frac{1}{19}$	$\frac{18}{247}$	$\frac{229}{988}$	$\frac{1}{3}$	$\Phi_{2964}\ \Phi_{1482}\ \Phi_{228}\ \Phi_{156}\ \Phi_{114}\ \Phi_{78}\ \Phi_{57}\ \Phi_{12}\ \Phi_6$
105914	1518	960	$\frac{1}{40}$	$\frac{13}{80}$	$\frac{67}{320}$	$\frac{1}{3}$	$\Phi_{960}^3\ \Phi_{480}^3\ \Phi_{192}^3\ \Phi_{120}\ \Phi_{96}^3\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
105915	1518	1020	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{16}{85}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
105916	1518	2400	$\frac{41}{800}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
105917	1518	120	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{120}^{15}\ \Phi_{60}^{15}\ \Phi_{40}^{16}\ \Phi_{30}^{15}\ \Phi_{24}^2\ \Phi_{20}^{16}\ \Phi_{15}^{15}\ \Phi_{12}^2\ \Phi_{10}^{16}\ \Phi_8^2\ \Phi_6^2\ \Phi_5^{16}\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
105918	1518	300	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{47}{300}$	$\frac{1}{3}$	$\Phi_{300}^6\ \Phi_{150}^3\ \Phi_{100}^6\ \Phi_{75}^3\ \Phi_{60}^6\ \Phi_{50}^6\ \Phi_{30}^4\ \Phi_{25}^6\ \Phi_{20}^6\ \Phi_{15}^4\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
105919	1518	228	$\frac{3}{38}$	$\frac{7}{76}$	$\frac{5}{38}$	$\frac{1}{3}$	$\Phi_{228}^{11}\ \Phi_{114}^9\ \Phi_{57}^9\ \Phi_{12}^{11}\ \Phi_6^9\ \Phi_3^8$
105920	1518	2055	$\frac{2}{137}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{45}{137}$	$\Phi_{2055}\ \Phi_{411}\ \Phi_{137}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
105921	1518	2340	$\frac{1}{39}$	$\frac{79}{585}$	$\frac{1}{4}$	$\frac{38}{117}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{180}\ \Phi_{156}\ \Phi_{130}\ \Phi_{90}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}\ \Phi_{30}\ \Phi_{26}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
105922	1518	238	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{34}$	$\Phi_{238}^6\ \Phi_{119}^6\ \Phi_{34}^8\ \Phi_{17}^8\ \Phi_{14}^8\ \Phi_7^7\ \Phi_2^{10}\ \Phi_1^{10}$
105923	1518	2145	$\frac{2}{65}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{21}{65}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{195}\ \Phi_{165}\ \Phi_{65}\ \Phi_{39}\ \Phi_{33}^2\ \Phi_{15}\ \Phi_{13}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
105924	1518	2964	$\frac{12}{247}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{235}{741}$	$\Phi_{2964}\ \Phi_{1482}\ \Phi_{228}\ \Phi_{156}\ \Phi_{114}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}\ \Phi_{12}\ \Phi_6$
105925	1518	369	$\frac{2}{41}$	$\frac{7}{123}$	$\frac{116}{369}$	$\frac{13}{41}$	$\Phi_{369}^6\ \Phi_{41}\ \Phi_9^6\ \Phi_1^2$
105926	1518	328	$\frac{2}{41}$	$\frac{7}{82}$	$\frac{75}{328}$	$\frac{13}{41}$	$\Phi_{328}^6\ \Phi_{164}^6\ \Phi_{41}\ \Phi_8^6\ \Phi_4^6\ \Phi_1^2$
105927	1518	287	$\frac{2}{41}$	$\frac{34}{287}$	$\frac{7}{41}$	$\frac{13}{41}$	$\Phi_{287}^6\ \Phi_{41}\ \Phi_7^6\ \Phi_1^2$
105928	1518	369	$\frac{7}{123}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{116}{369}$	$\Phi_{369}^6\ \Phi_{41}\ \Phi_9^6\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
105929	1518	240	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{5}{16}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^6\ \Phi_{60}^6\ \Phi_{48}^6\ \Phi_{40}^6\ \Phi_{30}^8\ \Phi_{24}^6\ \Phi_{20}^6\ \Phi_{16}^8\ \Phi_{15}^7\ \Phi_{12}^6\ \Phi_{10}^8\ \Phi_8^8\ \Phi_6^8\ \Phi_5^7\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
105930	1518	400	$\frac{1}{16}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{5}{16}$	$\Phi_{400}^4\ \Phi_{200}^4\ \Phi_{100}^4\ \Phi_{80}^2\ \Phi_{50}^4\ \Phi_{40}^2\ \Phi_{25}^6\ \Phi_{20}^2\ \Phi_{16}^4\ \Phi_{10}^2\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
105931	1518	432	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{5}{16}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^2\ \Phi_{108}^4\ \Phi_{72}^2\ \Phi_{54}^4\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{27}^6\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^4\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
105932	1518	3036	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{3036}\ \Phi_{1518}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{46}$
105933	1518	1155	$\frac{2}{35}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{1155}^2\ \Phi_{231}^2\ \Phi_{165}\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
105934	1518	429	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{2}{13}$	$\frac{10}{33}$	$\Phi_{429}^5\ \Phi_{39}^5\ \Phi_{33}^6\ \Phi_{13}^5\ \Phi_3^6\ \Phi_1^6$
105935	1518	924	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{10}{33}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{84}^3\ \Phi_{77}^2\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2$
105936	1518	690	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{690}^3\ \Phi_{345}^3\ \Phi_{230}\ \Phi_{138}^3\ \Phi_{115}\ \Phi_{69}^3\ \Phi_{46}$
105937	1518	644	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{644}^3\ \Phi_{322}^3\ \Phi_{161}\ \Phi_{92}^3\ \Phi_{46}^3$
105938	1518	123	$\frac{8}{123}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{35}{123}$	$\Phi_{123}^{12}\ \Phi_{41}^{13}\ \Phi_3^{12}\ \Phi_1^{14}$
105939	1518	333	$\frac{1}{37}$	$\frac{6}{37}$	$\frac{80}{333}$	$\frac{31}{111}$	$\Phi_{333}^6\ \Phi_{37}^5\ \Phi_9^6\ \Phi_1^6$
105940	1518	1404	$\frac{1}{39}$	$\frac{19}{117}$	$\frac{1}{4}$	$\frac{98}{351}$	$\Phi_{1404}^2\ \Phi_{702}^2\ \Phi_{156}\ \Phi_{108}^2\ \Phi_{78}\ \Phi_{54}^2\ \Phi_{52}\ \Phi_{26}\ \Phi_{12}\ \Phi_6$
105941	1518	259	$\frac{6}{259}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{259}^6\ \Phi_{37}^5\ \Phi_7^6\ \Phi_1^6$
105942	1518	2820	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{564}\ \Phi_{282}\ \Phi_{188}\ \Phi_{94}$
105943	1518	2055	$\frac{5}{137}$	$\frac{22}{137}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2055}\ \Phi_{411}\ \Phi_{137}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
105944	1518	840	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^3\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2$
105945	1518	312	$\frac{1}{39}$	$\frac{59}{312}$	$\frac{19}{78}$	$\frac{1}{4}$	$\Phi_{312}^6\ \Phi_{156}^3\ \Phi_{104}^6\ \Phi_{78}^5\ \Phi_{52}^3\ \Phi_{39}^4\ \Phi_{26}^5\ \Phi_{24}^6\ \Phi_{13}^4\ \Phi_{12}^3\ \Phi_8^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
105946	1518	60	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{7}{30}$	$\frac{1}{4}$	$\Phi_{60}^{24}\ \Phi_{30}^{26}\ \Phi_{20}^{24}\ \Phi_{15}^{25}\ \Phi_{12}^{27}\ \Phi_{10}^{26}\ \Phi_6^{29}\ \Phi_5^{25}\ \Phi_4^{26}\ \Phi_3^{28}\ \Phi_2^{28}\ \Phi_1^{28}$
105947	1518	168	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{168}^9\ \Phi_{84}^9\ \Phi_{56}^9\ \Phi_{42}^9\ \Phi_{28}^6\ \Phi_{24}^{12}\ \Phi_{21}^9\ \Phi_{14}^8\ \Phi_{12}^{12}\ \Phi_8^{12}\ \Phi_7^7\ \Phi_6^{12}\ \Phi_4^8\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{10}$
105948	1518	300	$\frac{2}{25}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^4\ \Phi_{75}^6\ \Phi_{60}^3\ \Phi_{50}^4\ \Phi_{30}^3\ \Phi_{25}^6\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^6\ \Phi_{10}^2\ \Phi_6^6\ \Phi_5^3\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
105949	1518	52	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{2}{13}$	$\frac{1}{4}$	$\Phi_{52}^{39}\ \Phi_{26}^{17}\ \Phi_{13}^{22}\ \Phi_4^{38}\ \Phi_2^{16}\ \Phi_1^{22}$
105950	1518	108	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{4}$	$\Phi_{108}^{16}\ \Phi_{54}^{16}\ \Phi_{36}^8\ \Phi_{27}^{18}\ \Phi_{18}^8\ \Phi_{12}^{11}\ \Phi_9^9\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
105951	1518	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{7}{30}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^{13}\ \Phi_{30}^{14}\ \Phi_{24}^{12}\ \Phi_{20}^{13}\ \Phi_{15}^{13}\ \Phi_{12}^{12}\ \Phi_{10}^{15}\ \Phi_8^{12}\ \Phi_6^{14}\ \Phi_5^{14}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
105952	1518	328	$\frac{7}{82}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{75}{328}$	$\Phi_{328}^6\ \Phi_{164}^6\ \Phi_{41}\ \Phi_8^6\ \Phi_4^6\ \Phi_1^2$
105953	1518	1190	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{16}{85}$	$\frac{3}{14}$	$\Phi_{1190}^2\ \Phi_{595}\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
105954	1518	200	$\frac{2}{25}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{5}$	$\Phi_{200}^8\ \Phi_{100}^8\ \Phi_{50}^8\ \Phi_{40}^5\ \Phi_{25}^{10}\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_8^4\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
105955	1518	1080	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{27}$	$\frac{7}{40}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}\ \Phi_{270}^2\ \Phi_{180}\ \Phi_{135}^2\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
105956	1518	287	$\frac{34}{287}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{7}{41}$	$\Phi_{287}^6\ \Phi_{41}\ \Phi_7^6\ \Phi_1^2$
105957	1519	2028	$\frac{2}{507}$	$\frac{509}{2028}$	$\frac{1}{3}$	$\frac{505}{1014}$	$\Phi_{2028}\ \Phi_{676}\ \Phi_{507}\ \Phi_{169}\ \Phi_{156}\ \Phi_{52}\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
105958	1519	432	$\frac{1}{216}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{215}{432}$	$\Phi_{432}^7\ \Phi_{144}^7\ \Phi_{48}^7\ \Phi_{16}^7\ \Phi_{12}\ \Phi_4\ \Phi_1$
105959	1519	432	$\frac{1}{216}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{215}{432}$	$\Phi_{432}^7\ \Phi_{144}^7\ \Phi_{48}^7\ \Phi_{16}^7\ \Phi_9\ \Phi_1$
105960	1519	2760	$\frac{1}{138}$	$\frac{139}{1380}$	$\frac{1241}{2760}$	$\frac{137}{276}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{120}\ \Phi_{92}\ \Phi_{40}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
105961	1519	2904	$\frac{1}{66}$	$\frac{67}{1452}$	$\frac{1385}{2904}$	$\frac{65}{132}$	$\Phi_{2904}\ \Phi_{968}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{44}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
105962	1519	2992	$\frac{23}{1496}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{1473}{2992}$	$\Phi_{2992}\ \Phi_{272}\ \Phi_{176}\ \Phi_{44}\ \Phi_{16}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
105963	1519	234	$\frac{2}{117}$	$\frac{17}{234}$	$\frac{1}{3}$	$\frac{115}{234}$	$\Phi_{234}^{6}\ \Phi_{117}^{7}\ \Phi_{78}^{6}\ \Phi_{39}^{7}\ \Phi_{26}^{6}\ \Phi_{18}^{6}\ \Phi_{13}^{7}\ \Phi_{9}^{7}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
105964	1519	480	$\frac{1}{48}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{47}{96}$	$\Phi_{480}^{6}\ \Phi_{160}^{6}\ \Phi_{96}^{7}\ \Phi_{60}\ \Phi_{32}^{7}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
105965	1519	1056	$\frac{1}{48}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{1056}^{3}\ \Phi_{352}^{3}\ \Phi_{96}\ \Phi_{33}\ \Phi_{32}\ \Phi_{11}\ \Phi_{1}$
105966	1519	1440	$\frac{1}{48}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{47}{96}$	$\Phi_{1440}^{3}\ \Phi_{288}^{3}\ \Phi_{96}\ \Phi_{45}\ \Phi_{32}\ \Phi_{9}\ \Phi_{1}$
105967	1519	480	$\frac{1}{48}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{47}{96}$	$\Phi_{480}^{6}\ \Phi_{160}^{6}\ \Phi_{96}^{7}\ \Phi_{40}\ \Phi_{32}^{7}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
105968	1519	3360	$\frac{1}{48}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{47}{96}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{224}\ \Phi_{96}\ \Phi_{35}\ \Phi_{32}\ \Phi_{7}\ \Phi_{1}$
105969	1519	288	$\frac{1}{48}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{47}{96}$	$\Phi_{288}^{12}\ \Phi_{96}^{7}\ \Phi_{36}\ \Phi_{32}^{7}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
105970	1519	2944	$\frac{1}{46}$	$\frac{47}{1472}$	$\frac{1425}{2944}$	$\frac{45}{92}$	$\Phi_{2944}\ \Phi_{128}\ \Phi_{92}\ \Phi_{4}\ \Phi_{1}$
105971	1519	2208	$\frac{1}{46}$	$\frac{47}{736}$	$\frac{689}{2208}$	$\frac{45}{92}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}\ \Phi_{92}\ \Phi_{69}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
105972	1519	1656	$\frac{1}{46}$	$\frac{137}{1656}$	$\frac{47}{184}$	$\frac{45}{92}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{138}\ \Phi_{92}\ \Phi_{72}\ \Phi_{69}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
105973	1519	1840	$\frac{1}{46}$	$\frac{47}{368}$	$\frac{321}{1840}$	$\frac{45}{92}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
105974	1519	2964	$\frac{37}{1482}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1445}{2964}$	$\Phi_{2964}\ \Phi_{988}\ \Phi_{228}\ \Phi_{156}\ \Phi_{76}\ \Phi_{52}\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
105975	1519	1020	$\frac{1}{30}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{1020}^{3}\ \Phi_{340}^{3}\ \Phi_{204}^{3}\ \Phi_{68}^{3}\ \Phi_{60}\ \Phi_{51}\ \Phi_{20}\ \Phi_{17}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
105976	1519	360	$\frac{1}{30}$	$\frac{1}{24}$	$\frac{23}{72}$	$\frac{29}{60}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{90}^{6}\ \Phi_{72}^{7}\ \Phi_{60}\ \Phi_{45}^{6}\ \Phi_{36}^{7}\ \Phi_{20}\ \Phi_{18}^{7}\ \Phi_{12}\ \Phi_{9}^{7}\ \Phi_{4}\ \Phi_{1}$
105977	1519	780	$\frac{1}{30}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}^{2}\ \Phi_{156}^{2}\ \Phi_{130}^{2}\ \Phi_{78}^{2}\ \Phi_{65}^{2}\ \Phi_{60}\ \Phi_{52}^{3}\ \Phi_{39}^{2}\ \Phi_{26}^{3}\ \Phi_{20}\ \Phi_{13}^{3}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
105978	1519	960	$\frac{1}{30}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{29}{60}$	$\Phi_{960}^{2}\ \Phi_{480}^{2}\ \Phi_{320}^{2}\ \Phi_{192}^{2}\ \Phi_{160}^{2}\ \Phi_{96}^{2}\ \Phi_{64}^{3}\ \Phi_{60}\ \Phi_{32}^{3}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
105979	1519	60	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{29}{60}$	$\Phi_{60}^{26}\ \Phi_{30}^{25}\ \Phi_{20}^{26}\ \Phi_{15}^{25}\ \Phi_{12}^{25}\ \Phi_{10}^{25}\ \Phi_{6}^{24}\ \Phi_{5}^{25}\ \Phi_{4}^{25}\ \Phi_{3}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
105980	1519	540	$\frac{1}{30}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{29}{60}$	$\Phi_{540}^{6}\ \Phi_{180}^{6}\ \Phi_{108}^{6}\ \Phi_{60}\ \Phi_{54}\ \Phi_{36}^{6}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
105981	1519	120	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{29}{60}$	$\Phi_{120}^{12}\ \Phi_{60}^{13}\ \Phi_{40}^{12}\ \Phi_{30}^{12}\ \Phi_{24}^{12}\ \Phi_{20}^{13}\ \Phi_{15}^{12}\ \Phi_{12}^{13}\ \Phi_{10}^{12}\ \Phi_{8}^{18}\ \Phi_{6}^{12}\ \Phi_{5}^{12}\ \Phi_{4}^{19}\ \Phi_{3}^{12}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
105982	1519	2244	$\frac{23}{748}$	$\frac{1}{22}$	$\frac{725}{2244}$	$\frac{21}{44}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{561}\ \Phi_{204}\ \Phi_{132}\ \Phi_{102}\ \Phi_{66}\ \Phi_{51}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
105983	1519	1584	$\frac{65}{1584}$	$\frac{1}{22}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{72}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
105984	1519	1560	$\frac{41}{1560}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
105985	1519	2860	$\frac{1}{22}$	$\frac{89}{1430}$	$\frac{21}{110}$	$\frac{1341}{2860}$	$\Phi_{2860}\ \Phi_{572}\ \Phi_{260}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{52}\ \Phi_{44}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
105986	1519	264	$\frac{1}{22}$	$\frac{3}{44}$	$\frac{47}{264}$	$\frac{41}{88}$	$\Phi_{264}^{7}\ \Phi_{132}^{7}\ \Phi_{66}^{7}\ \Phi_{44}^{7}\ \Phi_{33}^{7}\ \Phi_{24}^{7}\ \Phi_{22}^{6}\ \Phi_{12}^{7}\ \Phi_{11}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{7}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
105987	1519	2808	$\frac{2}{117}$	$\frac{115}{1404}$	$\frac{1}{3}$	$\frac{1289}{2808}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{312}\ \Phi_{216}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{39}\ \Phi_{24}\ \Phi_{13}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
105988	1519	1440	$\frac{1}{32}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}^{2}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}^{2}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
105989	1519	165	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{5}{11}$	$\Phi_{165}^{11}\ \Phi_{55}^{9}\ \Phi_{33}^{5}\ \Phi_{15}^{11}\ \Phi_{11}^{4}\ \Phi_{5}^{9}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
105990	1519	1760	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{241}{1760}$	$\frac{199}{440}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
105991	1519	396	$\frac{1}{66}$	$\frac{19}{198}$	$\frac{65}{198}$	$\frac{179}{396}$	$\Phi_{396}^{7}\ \Phi_{198}\ \Phi_{132}^{7}\ \Phi_{99}\ \Phi_{44}^{7}\ \Phi_{36}^{7}\ \Phi_{18}\ \Phi_{12}^{7}\ \Phi_{9}\ \Phi_{4}^{7}\ \Phi_{1}$
105992	1519	396	$\frac{1}{22}$	$\frac{19}{198}$	$\frac{3}{22}$	$\frac{179}{396}$	$\Phi_{396}^{7}\ \Phi_{132}^{7}\ \Phi_{44}^{7}\ \Phi_{36}^{7}\ \Phi_{22}^{6}\ \Phi_{12}^{7}\ \Phi_{11}^{6}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
105993	1519	480	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{2}\ \Phi_{120}^{4}\ \Phi_{96}^{4}\ \Phi_{80}^{2}\ \Phi_{60}^{3}\ \Phi_{48}^{4}\ \Phi_{40}^{2}\ \Phi_{32}\ \Phi_{30}^{3}\ \Phi_{24}^{4}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
105994	1519	1400	$\frac{1}{50}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{1400}^2\ \Phi_{280}^2\ \Phi_{200}^2\ \Phi_{100}^2\ \Phi_{56}\ \Phi_{50}\ \Phi_{40}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
105995	1519	264	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{88}$	$\Phi_{264}^{11}\ \Phi_{88}^9\ \Phi_{33}^5\ \Phi_{24}^{11}\ \Phi_{11}^4\ \Phi_8^9\ \Phi_3^5\ \Phi_1^5$
105996	1519	2112	$\frac{1}{66}$	$\frac{65}{528}$	$\frac{593}{2112}$	$\frac{463}{1056}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{64}\ \Phi_{48}\ \Phi_{44}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
105997	1519	2640	$\frac{1}{66}$	$\frac{199}{1320}$	$\frac{65}{264}$	$\frac{1121}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{264}\ \Phi_{240}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{80}\ \Phi_{48}\ \Phi_{44}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
105998	1519	2640	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{199}{1320}$	$\frac{1121}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{48}\ \Phi_{44}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
105999	1519	876	$\frac{2}{219}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{876}^3\ \Phi_{292}^3\ \Phi_{219}\ \Phi_{73}\ \Phi_{12}\ \Phi_4\ \Phi_1$
106000	1519	324	$\frac{1}{108}$	$\frac{1}{6}$	$\frac{107}{324}$	$\frac{5}{12}$	$\Phi_{324}^7\ \Phi_{162}^7\ \Phi_{81}^7\ \Phi_{12}\ \Phi_4\ \Phi_1$
106001	1519	1536	$\frac{17}{1536}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
106002	1519	660	$\frac{3}{220}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^3\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^3\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{55}^3\ \Phi_{44}^3\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^3\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{11}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
106003	1519	288	$\frac{1}{72}$	$\frac{1}{6}$	$\frac{71}{288}$	$\frac{5}{12}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}^7\ \Phi_{48}^7\ \Phi_{32}^7\ \Phi_{16}^7\ \Phi_{12}\ \Phi_4\ \Phi_1$
106004	1519	540	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{53}{270}$	$\frac{5}{12}$	$\Phi_{540}^6\ \Phi_{270}\ \Phi_{180}^6\ \Phi_{135}\ \Phi_{90}\ \Phi_{60}^6\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}^6\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
106005	1519	1548	$\frac{29}{1548}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1548}\ \Phi_{774}\ \Phi_{516}\ \Phi_{387}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}\ \Phi_{43}\ \Phi_{12}\ \Phi_4\ \Phi_1$
106006	1519	444	$\frac{5}{222}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{444}^6\ \Phi_{222}\ \Phi_{148}^6\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{12}\ \Phi_4\ \Phi_1$
106007	1519	36	$\frac{1}{36}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{36}^{42}\ \Phi_{18}^{42}\ \Phi_{12}^{43}\ \Phi_9^{42}\ \Phi_6^{42}\ \Phi_4^{43}\ \Phi_3^{42}\ \Phi_2^{42}\ \Phi_1^{43}$
106008	1519	96	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{96}^{14}\ \Phi_{48}^{14}\ \Phi_{32}^{21}\ \Phi_{24}^{12}\ \Phi_{16}^{21}\ \Phi_{12}^{13}\ \Phi_8^{18}\ \Phi_6^{12}\ \Phi_4^{19}\ \Phi_3^{12}\ \Phi_2^{18}\ \Phi_1^{19}$
106009	1519	1728	$\frac{7}{216}$	$\frac{209}{1728}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
106010	1519	900	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{900}^3\ \Phi_{300}^3\ \Phi_{225}\ \Phi_{180}^3\ \Phi_{100}^3\ \Phi_{75}\ \Phi_{60}^3\ \Phi_{45}\ \Phi_{25}\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
106011	1519	972	$\frac{1}{27}$	$\frac{26}{243}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{972}^3\ \Phi_{324}^3\ \Phi_{243}\ \Phi_{81}\ \Phi_{12}\ \Phi_4\ \Phi_1$
106012	1519	1584	$\frac{65}{1584}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
106013	1519	240	$\frac{1}{24}$	$\frac{23}{240}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{80}^7\ \Phi_{60}^7\ \Phi_{48}^7\ \Phi_{40}^7\ \Phi_{30}^7\ \Phi_{20}^7\ \Phi_{16}^7\ \Phi_{15}^7\ \Phi_{12}\ \Phi_{10}^7\ \Phi_5^7\ \Phi_4\ \Phi_1$
106014	1519	228	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{228}^7\ \Phi_{114}^7\ \Phi_{76}^7\ \Phi_{57}^7\ \Phi_{38}^7\ \Phi_{19}^7\ \Phi_{12}\ \Phi_4\ \Phi_1$
106015	1519	468	$\frac{1}{18}$	$\frac{17}{234}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{468}^6\ \Phi_{234}\ \Phi_{156}^6\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}^6\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
106016	1519	1620	$\frac{101}{1620}$	$\frac{7}{108}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
106017	1519	1530	$\frac{11}{1530}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}\ \Phi_{255}\ \Phi_{170}\ \Phi_{153}\ \Phi_{102}\ \Phi_{90}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}\ \Phi_{34}\ \Phi_{30}\ \Phi_{17}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
106018	1519	2484	$\frac{1}{138}$	$\frac{277}{1242}$	$\frac{137}{414}$	$\frac{965}{2484}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{108}\ \Phi_{92}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
106019	1519	160	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{160}^{10}\ \Phi_{80}^9\ \Phi_{40}^{10}\ \Phi_{32}^9\ \Phi_{20}^{10}\ \Phi_{16}^8\ \Phi_{10}^9\ \Phi_8^9\ \Phi_5^9\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
106020	1519	352	$\frac{1}{22}$	$\frac{3}{44}$	$\frac{41}{176}$	$\frac{135}{352}$	$\Phi_{352}^7\ \Phi_{44}^7\ \Phi_{32}^7\ \Phi_{22}^6\ \Phi_{11}^6\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
106021	1519	2208	$\frac{1}{138}$	$\frac{137}{552}$	$\frac{689}{2208}$	$\frac{415}{1104}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{96}\ \Phi_{92}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
106022	1519	2376	$\frac{1}{66}$	$\frac{65}{396}$	$\frac{331}{1188}$	$\frac{857}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{216}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
106023	1519	1200	$\frac{1}{50}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1200}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{200}^2\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
106024	1519	657	$\frac{2}{219}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{657}^3\ \Phi_{219}\ \Phi_{73}\ \Phi_9\ \Phi_1$
106025	1519	561	$\frac{2}{51}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{561}^3\ \Phi_{187}^3\ \Phi_{51}\ \Phi_{33}\ \Phi_{17}\ \Phi_{11}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
106026	1519	324	$\frac{1}{108}$	$\frac{2}{9}$	$\frac{107}{324}$	$\frac{1}{3}$	$\Phi_{324}^{7}\ \Phi_{162}^{7}\ \Phi_{81}^{7}\ \Phi_{9}\ \Phi_{1}$
106027	1519	1755	$\frac{2}{117}$	$\frac{236}{1755}$	$\frac{115}{351}$	$\frac{1}{3}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{195}\ \Phi_{135}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
106028	1519	792	$\frac{1}{24}$	$\frac{2}{33}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{792}^{3}\ \Phi_{396}^{3}\ \Phi_{198}^{3}\ \Phi_{99}^{3}\ \Phi_{72}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
106029	1519	2223	$\frac{37}{741}$	$\frac{2}{39}$	$\frac{704}{2223}$	$\frac{1}{3}$	$\Phi_{2223}\ \Phi_{171}\ \Phi_{117}\ \Phi_{39}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
106030	1519	765	$\frac{2}{51}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{765}^{3}\ \Phi_{153}^{3}\ \Phi_{51}\ \Phi_{45}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
106031	1519	2106	$\frac{2}{117}$	$\frac{115}{702}$	$\frac{587}{2106}$	$\frac{1}{3}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{162}\ \Phi_{117}\ \Phi_{81}\ \Phi_{39}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
106032	1519	1539	$\frac{20}{1539}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}\ \Phi_{19}\ \Phi_{9}\ \Phi_{1}$
106033	1519	1980	$\frac{3}{220}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
106034	1519	1716	$\frac{3}{52}$	$\frac{2}{33}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{286}\ \Phi_{143}\ \Phi_{52}\ \Phi_{33}\ \Phi_{26}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}$
106035	1519	288	$\frac{1}{72}$	$\frac{2}{9}$	$\frac{71}{288}$	$\frac{1}{3}$	$\Phi_{288}^{7}\ \Phi_{144}^{7}\ \Phi_{96}^{7}\ \Phi_{48}^{7}\ \Phi_{32}^{7}\ \Phi_{16}^{7}\ \Phi_{9}\ \Phi_{1}$
106036	1519	1872	$\frac{2}{117}$	$\frac{353}{1872}$	$\frac{115}{468}$	$\frac{1}{3}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
106037	1519	2112	$\frac{2}{33}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{64}\ \Phi_{33}\ \Phi_{32}\ \Phi_{11}\ \Phi_{1}$
106038	1519	2040	$\frac{2}{51}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{408}\ \Phi_{340}\ \Phi_{204}\ \Phi_{136}\ \Phi_{68}\ \Phi_{51}\ \Phi_{40}\ \Phi_{20}\ \Phi_{17}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
106039	1519	270	$\frac{1}{54}$	$\frac{53}{270}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{270}^{7}\ \Phi_{135}^{7}\ \Phi_{90}^{7}\ \Phi_{45}^{7}\ \Phi_{30}^{7}\ \Phi_{15}^{7}\ \Phi_{10}^{7}\ \Phi_{9}\ \Phi_{5}^{7}\ \Phi_{1}$
106040	1519	1548	$\frac{29}{1548}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1548}\ \Phi_{774}\ \Phi_{516}\ \Phi_{387}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}\ \Phi_{43}\ \Phi_{9}\ \Phi_{1}$
106041	1519	666	$\frac{5}{222}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{666}^{3}\ \Phi_{333}^{3}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{9}\ \Phi_{1}$
106042	1519	36	$\frac{1}{36}$	$\frac{5}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{36}^{42}\ \Phi_{18}^{42}\ \Phi_{12}^{42}\ \Phi_{9}^{43}\ \Phi_{6}^{42}\ \Phi_{4}^{42}\ \Phi_{3}^{42}\ \Phi_{2}^{42}\ \Phi_{1}^{43}$
106043	1519	1566	$\frac{47}{1566}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1566}\ \Phi_{783}\ \Phi_{522}\ \Phi_{261}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}\ \Phi_{29}\ \Phi_{9}\ \Phi_{1}$
106044	1519	288	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{288}^{7}\ \Phi_{144}^{7}\ \Phi_{72}^{6}\ \Phi_{36}^{6}\ \Phi_{32}^{7}\ \Phi_{18}^{6}\ \Phi_{16}^{7}\ \Phi_{9}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
106045	1519	1728	$\frac{7}{216}$	$\frac{209}{1728}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
106046	1519	225	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{225}^{7}\ \Phi_{75}^{7}\ \Phi_{45}^{7}\ \Phi_{25}^{7}\ \Phi_{15}^{7}\ \Phi_{9}\ \Phi_{5}^{7}\ \Phi_{1}$
106047	1519	243	$\frac{1}{27}$	$\frac{26}{243}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{243}^{7}\ \Phi_{81}^{7}\ \Phi_{9}\ \Phi_{1}$
106048	1519	1584	$\frac{65}{1584}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
106049	1519	720	$\frac{1}{24}$	$\frac{23}{240}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}\ \Phi_{180}^{3}\ \Phi_{144}^{3}\ \Phi_{120}\ \Phi_{90}^{3}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}^{3}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
106050	1519	684	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{684}^{3}\ \Phi_{342}^{3}\ \Phi_{228}\ \Phi_{171}^{3}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{9}\ \Phi_{1}$
106051	1519	234	$\frac{1}{18}$	$\frac{17}{234}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{234}^{7}\ \Phi_{117}^{7}\ \Phi_{78}^{7}\ \Phi_{39}^{7}\ \Phi_{26}^{7}\ \Phi_{13}^{7}\ \Phi_{9}\ \Phi_{1}$
106052	1519	1620	$\frac{101}{1620}$	$\frac{7}{108}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
106053	1519	1785	$\frac{2}{51}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{119}\ \Phi_{51}\ \Phi_{35}\ \Phi_{17}\ \Phi_{7}\ \Phi_{1}$
106054	1519	660	$\frac{2}{33}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{220}^{3}\ \Phi_{165}^{3}\ \Phi_{110}^{3}\ \Phi_{60}\ \Phi_{55}^{3}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
106055	1519	612	$\frac{2}{51}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{612}^{3}\ \Phi_{306}^{3}\ \Phi_{204}^{3}\ \Phi_{153}^{3}\ \Phi_{68}^{3}\ \Phi_{51}\ \Phi_{36}\ \Phi_{18}\ \Phi_{17}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
106056	1519	594	$\frac{2}{33}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{594}^{3}\ \Phi_{297}^{3}\ \Phi_{198}^{3}\ \Phi_{99}^{3}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
106057	1519	264	$\frac{2}{33}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{264}^{6}\ \Phi_{132}^{6}\ \Phi_{88}^{6}\ \Phi_{66}^{6}\ \Phi_{44}^{6}\ \Phi_{33}^{7}\ \Phi_{22}^{6}\ \Phi_{11}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
106058	1519	360	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{23}{72}$	$\Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{6}\ \Phi_{90}^{3}\ \Phi_{72}^{4}\ \Phi_{60}^{6}\ \Phi_{45}^{4}\ \Phi_{40}^{6}\ \Phi_{36}^{4}\ \Phi_{30}^{6}\ \Phi_{24}^{6}\ \Phi_{20}^{6}\ \Phi_{18}^{4}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{10}^{6}\ \Phi_{9}^{5}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
106059	1519	360	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{23}{72}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{90}^{6}\ \Phi_{72}^{7}\ \Phi_{45}^{6}\ \Phi_{40}\ \Phi_{36}^{7}\ \Phi_{20}\ \Phi_{18}^{7}\ \Phi_{9}^{7}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
106060	1519	2520	$\frac{1}{24}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{23}{72}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{315}\ \Phi_{252}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{35}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_1$
106061	1519	72	$\frac{1}{24}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{23}{72}$	$\Phi_{72}^{19}\ \Phi_{36}^{20}\ \Phi_{24}^{24}\ \Phi_{18}^{20}\ \Phi_{12}^{25}\ \Phi_9^{20}\ \Phi_8^{24}\ \Phi_6^{24}\ \Phi_4^{25}\ \Phi_3^{24}\ \Phi_2^{24}\ \Phi_1^{25}$
106062	1519	2340	$\frac{3}{52}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{234}\ \Phi_{117}\ \Phi_{52}\ \Phi_{45}\ \Phi_{26}\ \Phi_{13}\ \Phi_9\ \Phi_1$
106063	1519	2880	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{15}{64}$	$\frac{14}{45}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{576}\ \Phi_{288}\ \Phi_{64}\ \Phi_{45}\ \Phi_{32}\ \Phi_9\ \Phi_1$
106064	1519	180	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{14}{45}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}\ \Phi_{45}^{13}\ \Phi_{36}^{12}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^{12}\ \Phi_{15}\ \Phi_{10}\ \Phi_9^{13}\ \Phi_5\ \Phi_1$
106065	1519	270	$\frac{1}{15}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{14}{45}$	$\Phi_{270}^6\ \Phi_{135}^6\ \Phi_{90}^3\ \Phi_{54}^7\ \Phi_{45}^4\ \Phi_{30}^6\ \Phi_{27}^7\ \Phi_{18}^4\ \Phi_{15}^6\ \Phi_{10}^6\ \Phi_9^5\ \Phi_6^6\ \Phi_5^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
106066	1519	360	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{14}{45}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{90}^6\ \Phi_{72}^6\ \Phi_{45}^7\ \Phi_{36}^6\ \Phi_{18}^6\ \Phi_9^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
106067	1519	1980	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{461}{1980}$	$\frac{199}{660}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
106068	1519	69	$\frac{2}{23}$	$\frac{7}{69}$	$\frac{3}{23}$	$\frac{20}{69}$	$\Phi_{69}^{21}\ \Phi_{23}^{24}\ \Phi_3^{21}\ \Phi_1^{25}$
106069	1519	253	$\frac{15}{253}$	$\frac{34}{253}$	$\frac{36}{253}$	$\frac{73}{253}$	$\Phi_{253}^6\ \Phi_{23}^6\ \Phi_{11}^6\ \Phi_1^7$
106070	1519	264	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{47}{264}$	$\frac{19}{66}$	$\Phi_{264}^7\ \Phi_{132}^7\ \Phi_{88}^7\ \Phi_{44}^7\ \Phi_{24}^7\ \Phi_{22}^6\ \Phi_{12}^7\ \Phi_{11}^6\ \Phi_8^7\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
106071	1519	480	$\frac{1}{32}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^4\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^4\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{40}^4\ \Phi_{32}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
106072	1519	66	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{66}^{20}\ \Phi_{33}^{25}\ \Phi_{22}^{22}\ \Phi_{11}^{26}\ \Phi_6^{20}\ \Phi_3^{25}\ \Phi_2^{22}\ \Phi_1^{27}$
106073	1519	520	$\frac{3}{52}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{520}^4\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{104}^4\ \Phi_{65}^2\ \Phi_{52}^3\ \Phi_{40}\ \Phi_{26}^3\ \Phi_{20}\ \Phi_{13}^3\ \Phi_8\ \Phi_4\ \Phi_1$
106074	1519	1820	$\frac{3}{52}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{182}\ \Phi_{91}\ \Phi_{52}\ \Phi_{35}\ \Phi_{26}\ \Phi_{13}\ \Phi_7\ \Phi_1$
106075	1519	468	$\frac{3}{52}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^2\ \Phi_{117}^4\ \Phi_{78}^2\ \Phi_{52}^3\ \Phi_{39}^2\ \Phi_{36}\ \Phi_{26}^3\ \Phi_{18}\ \Phi_{13}^3\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
106076	1519	320	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{15}{64}$	$\Phi_{320}^6\ \Phi_{160}^6\ \Phi_{64}^7\ \Phi_{40}\ \Phi_{32}^7\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
106077	1519	2240	$\frac{1}{16}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{15}{64}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{224}\ \Phi_{64}\ \Phi_{35}\ \Phi_{32}\ \Phi_7\ \Phi_1$
106078	1519	576	$\frac{1}{16}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{15}{64}$	$\Phi_{576}^4\ \Phi_{288}^4\ \Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}^3\ \Phi_{36}\ \Phi_{32}^3\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
106079	1519	120	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{40}$	$\Phi_{120}^{16}\ \Phi_{60}^9\ \Phi_{40}^{17}\ \Phi_{30}^9\ \Phi_{24}^{16}\ \Phi_{20}^{10}\ \Phi_{15}^9\ \Phi_{12}^8\ \Phi_{10}^9\ \Phi_8^{17}\ \Phi_6^8\ \Phi_5^9\ \Phi_4^9\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
106080	1519	1080	$\frac{5}{54}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{40}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
106081	1519	40	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{9}{40}$	$\Phi_{40}^{37}\ \Phi_{20}^{37}\ \Phi_{10}^{36}\ \Phi_8^{43}\ \Phi_5^{36}\ \Phi_4^{43}\ \Phi_2^{42}\ \Phi_1^{43}$
106082	1519	420	$\frac{1}{12}$	$\frac{4}{35}$	$\frac{11}{60}$	$\frac{1}{5}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}\ \Phi_{42}^4\ \Phi_{35}^5\ \Phi_{30}\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}^4\ \Phi_{10}\ \Phi_7^5\ \Phi_5\ \Phi_1$
106083	1519	1890	$\frac{5}{54}$	$\frac{4}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{54}\ \Phi_{35}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_1$
106084	1519	280	$\frac{4}{35}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{5}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{56}^6\ \Phi_{35}^7\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_8^6\ \Phi_7^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
106085	1519	180	$\frac{1}{12}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{11}{60}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}^7\ \Phi_{45}^{12}\ \Phi_{36}\ \Phi_{30}^7\ \Phi_{20}^7\ \Phi_{18}\ \Phi_{15}^7\ \Phi_{12}\ \Phi_{10}^7\ \Phi_9\ \Phi_5^7\ \Phi_4\ \Phi_1$
106086	1519	108	$\frac{5}{54}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{108}^{18}\ \Phi_{54}^{13}\ \Phi_{36}^{13}\ \Phi_{27}^{13}\ \Phi_{18}^8\ \Phi_{12}^{13}\ \Phi_9^8\ \Phi_6^{12}\ \Phi_4^{13}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
106087	1519	72	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{5}{36}$	$\frac{1}{6}$	$\Phi_{72}^{24}\ \Phi_{36}^{25}\ \Phi_{24}^{12}\ \Phi_{18}^{25}\ \Phi_{12}^{13}\ \Phi_9^{25}\ \Phi_8^{18}\ \Phi_6^{12}\ \Phi_4^{19}\ \Phi_3^{12}\ \Phi_2^{18}\ \Phi_1^{19}$
106088	1520	1137	$\frac{1}{379}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{189}{379}$	$\Phi_{1137}\ \Phi_{379}^2\ \Phi_3^2\ \Phi_1^4$
106089	1520	1519	$\frac{5}{1519}$	$\frac{381}{1519}$	$\frac{569}{1519}$	$\frac{757}{1519}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}\ \Phi_{31}\ \Phi_7\ \Phi_1^2$
106090	1520	2424	$\frac{1}{303}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{151}{303}$	$\Phi_{2424}\ \Phi_{808}\ \Phi_{303}\ \Phi_{101}\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
106091	1520	2283	$\frac{3}{761}$	$\frac{191}{761}$	$\frac{1}{3}$	$\frac{379}{761}$	Φ_{2283}
106092	1520	651	$\frac{1}{217}$	$\frac{109}{651}$	$\frac{271}{651}$	$\frac{108}{217}$	$\Phi_{651}^2\ \Phi_{217}^3\ \Phi_{93}^2\ \Phi_{31}^3\ \Phi_{21}^2\ \Phi_7^3\ \Phi_3^2\ \Phi_1^4$
106093	1520	189	$\frac{1}{189}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{94}{189}$	$\Phi_{189}^8\ \Phi_{63}^8\ \Phi_{27}^8\ \Phi_{21}^8\ \Phi_9^8\ \Phi_7^9\ \Phi_3^8\ \Phi_1^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
106094	1520	945	$\frac{1}{189}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{94}{189}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{15}^3\ \Phi_5^2$
106095	1520	1519	$\frac{9}{1519}$	$\frac{191}{1519}$	$\frac{664}{1519}$	$\frac{755}{1519}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}\ \Phi_{31}\ \Phi_7\ \Phi_1^2$
106096	1520	1359	$\frac{1}{151}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{75}{151}$	$\Phi_{1359}\ \Phi_{453}\ \Phi_{151}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
106097	1520	906	$\frac{1}{151}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{75}{151}$	$\Phi_{906}^2\ \Phi_{453}\ \Phi_{302}^2\ \Phi_{151}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
106098	1520	1519	$\frac{11}{1519}$	$\frac{153}{1519}$	$\frac{683}{1519}$	$\frac{754}{1519}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}\ \Phi_{31}\ \Phi_7\ \Phi_1^2$
106099	1520	635	$\frac{1}{127}$	$\frac{1}{5}$	$\frac{32}{127}$	$\frac{63}{127}$	$\Phi_{635}^3\ \Phi_5^2$
106100	1520	1519	$\frac{13}{1519}$	$\frac{284}{1519}$	$\frac{383}{1519}$	$\frac{753}{1519}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}\ \Phi_{31}\ \Phi_7\ \Phi_1^2$
106101	1520	2283	$\frac{7}{761}$	$\frac{96}{761}$	$\frac{1}{3}$	$\frac{377}{761}$	Φ_{2283}
106102	1520	1830	$\frac{3}{305}$	$\frac{1}{6}$	$\frac{77}{305}$	$\frac{151}{305}$	$\Phi_{1830}\ \Phi_{915}\ \Phi_{610}\ \Phi_{366}\ \Phi_{183}\ \Phi_{122}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
106103	1520	301	$\frac{3}{301}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{149}{301}$	$\Phi_{301}^5\ \Phi_{43}^5\ \Phi_7^7\ \Phi_1^8$
106104	1520	2820	$\frac{1}{94}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{93}{188}$	$\Phi_{2820}\ \Phi_{940}\ \Phi_{564}\ \Phi_{188}^2\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
106105	1520	1692	$\frac{1}{94}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{93}{188}$	$\Phi_{1692}^2\ \Phi_{564}\ \Phi_{188}^2\ \Phi_{36}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
106106	1520	940	$\frac{1}{94}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{93}{188}$	$\Phi_{940}^3\ \Phi_{188}^4\ \Phi_{20}^3\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
106107	1520	1519	$\frac{17}{1519}$	$\frac{227}{1519}$	$\frac{384}{1519}$	$\frac{751}{1519}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}\ \Phi_{31}\ \Phi_7\ \Phi_1^2$
106108	1520	2283	$\frac{9}{761}$	$\frac{77}{761}$	$\frac{1}{3}$	$\frac{376}{761}$	Φ_{2283}
106109	1520	2844	$\frac{1}{79}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{39}{79}$	$\Phi_{2844}\ \Phi_{948}\ \Phi_{316}\ \Phi_{79}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
106110	1520	1659	$\frac{1}{79}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{39}{79}$	$\Phi_{1659}\ \Phi_{553}\ \Phi_{79}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
106111	1520	2133	$\frac{1}{79}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{39}{79}$	$\Phi_{2133}\ \Phi_{79}\ \Phi_{27}^2\ \Phi_1^2$
106112	1520	1896	$\frac{1}{79}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{39}{79}$	$\Phi_{1896}\ \Phi_{948}\ \Phi_{632}\ \Phi_{316}\ \Phi_{79}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
106113	1520	1425	$\frac{1}{75}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{37}{75}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{285}\ \Phi_{95}\ \Phi_{75}^2\ \Phi_{57}\ \Phi_{25}^2\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
106114	1520	825	$\frac{1}{75}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{37}{75}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}^2\ \Phi_{55}^2\ \Phi_{33}^3\ \Phi_{11}^2$
106115	1520	1425	$\frac{1}{75}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{37}{75}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{285}\ \Phi_{95}\ \Phi_{75}^2\ \Phi_{57}\ \Phi_{25}^2\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
106116	1520	150	$\frac{1}{75}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{37}{75}$	$\Phi_{150}^{12}\ \Phi_{75}^8\ \Phi_{50}^{12}\ \Phi_{30}^{13}\ \Phi_{25}^8\ \Phi_{15}^9\ \Phi_{10}^{13}\ \Phi_6^{12}\ \Phi_5^8\ \Phi_3^8\ \Phi_2^{12}\ \Phi_1^8$
106117	1520	217	$\frac{3}{217}$	$\frac{11}{217}$	$\frac{103}{217}$	$\frac{107}{217}$	$\Phi_{217}^7\ \Phi_{31}^7\ \Phi_7^7\ \Phi_1^8$
106118	1520	217	$\frac{3}{217}$	$\frac{22}{217}$	$\frac{65}{217}$	$\frac{107}{217}$	$\Phi_{217}^7\ \Phi_{31}^7\ \Phi_7^7\ \Phi_1^8$
106119	1520	366	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{31}{183}$	$\frac{30}{61}$	$\Phi_{366}^5\ \Phi_{183}^3\ \Phi_{122}^5\ \Phi_{61}^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
106120	1520	561	$\frac{1}{51}$	$\frac{1}{11}$	$\frac{13}{51}$	$\frac{25}{51}$	$\Phi_{561}^3\ \Phi_{187}^3\ \Phi_{33}^3\ \Phi_{11}^2$
106121	1520	147	$\frac{1}{49}$	$\frac{5}{147}$	$\frac{71}{147}$	$\frac{24}{49}$	$\Phi_{147}^{10}\ \Phi_{49}^{11}\ \Phi_{21}^{10}\ \Phi_7^{11}\ \Phi_3^{10}\ \Phi_1^{12}$
106122	1520	49	$\frac{1}{49}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{24}{49}$	$\Phi_{49}^{31}\ \Phi_7^{31}\ \Phi_1^{32}$
106123	1520	441	$\frac{1}{49}$	$\frac{61}{441}$	$\frac{25}{147}$	$\frac{24}{49}$	$\Phi_{441}^4\ \Phi_{147}^2\ \Phi_{63}^4\ \Phi_{49}^3\ \Phi_{21}^2\ \Phi_9^4\ \Phi_7^3\ \Phi_3^2\ \Phi_1^4$
106124	1520	186	$\frac{2}{93}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{91}{186}$	$\Phi_{186}^{16}\ \Phi_{62}^{16}\ \Phi_{31}\ \Phi_6^{16}\ \Phi_2^{16}\ \Phi_1^2$
106125	1520	3162	$\frac{2}{93}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{91}{186}$	$\Phi_{3162}\ \Phi_{1054}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
106126	1520	186	$\frac{2}{93}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{91}{186}$	$\Phi_{186}^{16}\ \Phi_{62}^{16}\ \Phi_{31}\ \Phi_6^{16}\ \Phi_2^{16}\ \Phi_1^2$
106127	1520	1519	$\frac{33}{1519}$	$\frac{194}{1519}$	$\frac{265}{1519}$	$\frac{743}{1519}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}\ \Phi_{31}\ \Phi_7\ \Phi_1^2$
106128	1520	1830	$\frac{7}{305}$	$\frac{39}{305}$	$\frac{1}{6}$	$\frac{149}{305}$	$\Phi_{1830}\ \Phi_{915}\ \Phi_{610}\ \Phi_{366}\ \Phi_{183}\ \Phi_{122}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
106129	1520	635	$\frac{3}{127}$	$\frac{13}{127}$	$\frac{1}{5}$	$\frac{62}{127}$	$\Phi_{635}^3\ \Phi_5^2$
106130	1520	1519	$\frac{37}{1519}$	$\frac{113}{1519}$	$\frac{389}{1519}$	$\frac{741}{1519}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}\ \Phi_{31}\ \Phi_7\ \Phi_1^2$
106131	1520	2283	$\frac{19}{761}$	$\frac{39}{761}$	$\frac{1}{3}$	$\frac{371}{761}$	Φ_{2283}
106132	1520	1443	$\frac{1}{39}$	$\frac{1}{37}$	$\frac{18}{37}$	$\frac{19}{39}$	$\Phi_{1443}\ \Phi_{481}\ \Phi_{111}\ \Phi_{39}^2\ \Phi_{37}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
106133	1520	780	$\frac{1}{39}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}^3\ \Phi_{52}^2\ \Phi_{30}^3\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
106134	1520	1519	$\frac{39}{1519}$	$\frac{41}{1519}$	$\frac{739}{1519}$	$\frac{740}{1519}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}\ \Phi_{31}\ \Phi_7\ \Phi_1^2$
106135	1520	777	$\frac{1}{37}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{777}^2\ \Phi_{259}^2\ \Phi_{111}\ \Phi_{37}^2\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
106136	1520	481	$\frac{1}{37}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{18}{37}$	$\Phi_{481}^3\ \Phi_{37}^4\ \Phi_{13}^6\ \Phi_1^8$
106137	1520	2035	$\frac{1}{37}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{18}{37}$	$\Phi_{2035}\ \Phi_{55}^2$
106138	1520	1443	$\frac{1}{37}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{18}{37}$	$\Phi_{1443}\ \Phi_{481}\ \Phi_{111}\ \Phi_{39}^2\ \Phi_{37}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
106139	1520	666	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{18}{37}$	$\Phi_{666}^3\ \Phi_{333}^2\ \Phi_{222}^2\ \Phi_{111}\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{18}^6\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
106140	1520	2176	$\frac{1}{32}$	$\frac{1}{17}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{2176}\ \Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
106141	1520	279	$\frac{1}{31}$	$\frac{4}{93}$	$\frac{89}{279}$	$\frac{15}{31}$	$\Phi_{279}^8\ \Phi_{31}\ \Phi_9^8\ \Phi_1^2$
106142	1520	403	$\frac{1}{31}$	$\frac{23}{403}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{403}^4\ \Phi_{31}\ \Phi_{13}^4\ \Phi_1^2$
106143	1520	124	$\frac{1}{31}$	$\frac{2}{31}$	$\frac{29}{124}$	$\frac{15}{31}$	$\Phi_{124}^{16}\ \Phi_{62}^{16}\ \Phi_{31}\ \Phi_4^{16}\ \Phi_2^{16}\ \Phi_1^2$
106144	1520	93	$\frac{1}{31}$	$\frac{8}{93}$	$\frac{17}{93}$	$\frac{15}{31}$	$\Phi_{93}^{16}\ \Phi_{31}^{17}\ \Phi_3^{16}\ \Phi_1^{18}$
106145	1520	837	$\frac{1}{31}$	$\frac{77}{837}$	$\frac{16}{93}$	$\frac{15}{31}$	$\Phi_{837}^2\ \Phi_{279}^2\ \Phi_{31}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_1^2$
106146	1520	217	$\frac{1}{31}$	$\frac{27}{217}$	$\frac{4}{31}$	$\frac{15}{31}$	$\Phi_{217}^8\ \Phi_{31}\ \Phi_7^8\ \Phi_1^2$
106147	1520	3128	$\frac{3}{92}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{89}{184}$	$\Phi_{3128}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
106148	1520	147	$\frac{5}{147}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{71}{147}$	$\Phi_{147}^{10}\ \Phi_{49}^{11}\ \Phi_{21}^{10}\ \Phi_7^{11}\ \Phi_3^{10}\ \Phi_1^{12}$
106149	1520	540	$\frac{1}{27}$	$\frac{1}{20}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{54}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
106150	1520	231	$\frac{3}{77}$	$\frac{1}{21}$	$\frac{20}{77}$	$\frac{37}{77}$	$\Phi_{231}^7\ \Phi_{77}^6\ \Phi_{33}^7\ \Phi_{21}^6\ \Phi_{11}^6\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
106151	1520	231	$\frac{3}{77}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{37}{77}$	$\Phi_{231}^7\ \Phi_{77}^5\ \Phi_{33}^7\ \Phi_{21}^{10}\ \Phi_{11}^5\ \Phi_7^7\ \Phi_3^{10}\ \Phi_1^8$
106152	1520	1519	$\frac{61}{1519}$	$\frac{79}{1519}$	$\frac{360}{1519}$	$\frac{729}{1519}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}\ \Phi_{31}\ \Phi_7\ \Phi_1^2$
106153	1520	1519	$\frac{65}{1519}$	$\frac{99}{1519}$	$\frac{284}{1519}$	$\frac{727}{1519}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}\ \Phi_{31}\ \Phi_7\ \Phi_1^2$
106154	1520	1683	$\frac{7}{153}$	$\frac{1}{11}$	$\frac{20}{153}$	$\frac{73}{153}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{99}\ \Phi_{33}$
106155	1520	1519	$\frac{71}{1519}$	$\frac{159}{1519}$	$\frac{170}{1519}$	$\frac{724}{1519}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}\ \Phi_{31}\ \Phi_7\ \Phi_1^2$
106156	1520	1719	$\frac{9}{191}$	$\frac{20}{191}$	$\frac{1}{9}$	$\frac{91}{191}$	$\Phi_{1719}\ \Phi_{573}$
106157	1520	1519	$\frac{59}{1519}$	$\frac{73}{1519}$	$\frac{398}{1519}$	$\frac{723}{1519}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}\ \Phi_{31}\ \Phi_7\ \Phi_1^2$
106158	1520	1519	$\frac{73}{1519}$	$\frac{132}{1519}$	$\frac{199}{1519}$	$\frac{723}{1519}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}\ \Phi_{31}\ \Phi_7\ \Phi_1^2$
106159	1520	2283	$\frac{21}{761}$	$\frac{37}{761}$	$\frac{1}{3}$	$\frac{362}{761}$	Φ_{2283}
106160	1520	366	$\frac{3}{61}$	$\frac{4}{61}$	$\frac{1}{6}$	$\frac{29}{61}$	$\Phi_{366}^5\ \Phi_{183}^5\ \Phi_{122}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
106161	1520	1905	$\frac{19}{381}$	$\frac{20}{381}$	$\frac{1}{5}$	$\frac{181}{381}$	$\Phi_{1905}\ \Phi_{635}\ \Phi_{15}$
106162	1520	217	$\frac{8}{217}$	$\frac{11}{217}$	$\frac{57}{217}$	$\frac{103}{217}$	$\Phi_{217}^7\ \Phi_{31}^7\ \Phi_7^7\ \Phi_1^8$
106163	1520	2283	$\frac{20}{761}$	$\frac{39}{761}$	$\frac{1}{3}$	$\frac{361}{761}$	Φ_{2283}
106164	1520	741	$\frac{1}{39}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{741}^2\ \Phi_{247}^2\ \Phi_{57}\ \Phi_{39}^4\ \Phi_{19}^2\ \Phi_{13}^4\ \Phi_3^2\ \Phi_1^4$
106165	1520	475	$\frac{1}{25}$	$\frac{1}{19}$	$\frac{6}{25}$	$\frac{9}{19}$	$\Phi_{475}^3\ \Phi_{95}^3\ \Phi_{25}^6\ \Phi_{19}^4\ \Phi_5^6\ \Phi_1^8$
106166	1520	380	$\frac{1}{20}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{380}^4\ \Phi_{190}^4\ \Phi_{95}^3\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{20}^8\ \Phi_{19}^4\ \Phi_{10}^8\ \Phi_5^6\ \Phi_4^8\ \Phi_2^8\ \Phi_1^8$
106167	1520	855	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{9}{19}$	$\Phi_{855}^2\ \Phi_{285}\ \Phi_{171}^2\ \Phi_{95}\ \Phi_{57}\ \Phi_{45}^4\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
106168	1520	1476	$\frac{1}{41}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{1476}^2\ \Phi_{492}^2\ \Phi_{164}^2\ \Phi_{123}$
106169	1520	2844	$\frac{3}{79}$	$\frac{1}{18}$	$\frac{19}{79}$	$\frac{17}{36}$	$\Phi_{2844}\ \Phi_{948}\ \Phi_{316}\ \Phi_{79}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
106170	1520	1260	$\frac{1}{21}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{1260}^3\ \Phi_{420}^3\ \Phi_{180}^2\ \Phi_{140}^3\ \Phi_{105}\ \Phi_{60}^2\ \Phi_{35}\ \Phi_{20}^2\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
106171	1520	2844	$\frac{4}{79}$	$\frac{1}{18}$	$\frac{15}{79}$	$\frac{17}{36}$	$\Phi_{2844}\ \Phi_{948}\ \Phi_{316}\ \Phi_{79}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
106172	1520	612	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{612}^5\ \Phi_{204}^5\ \Phi_{102}\ \Phi_{68}^5\ \Phi_{51}\ \Phi_{34}$
106173	1520	2844	$\frac{1}{18}$	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{17}{36}$	$\Phi_{2844}\ \Phi_{948}\ \Phi_{316}\ \Phi_{79}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
106174	1520	396	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{17}{36}$	$\Phi_{396}^8\ \Phi_{132}^8\ \Phi_{99}\ \Phi_{44}^8\ \Phi_{33}$
106175	1520	935	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{9}{85}$	$\frac{8}{17}$	$\Phi_{935}^2\ \Phi_{187}\ \Phi_{55}^2$
106176	1520	705	$\frac{1}{47}$	$\frac{1}{15}$	$\frac{46}{141}$	$\frac{7}{15}$	$\Phi_{705}^2\ \Phi_{235}^2\ \Phi_{141}^3\ \Phi_{47}^2\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
106177	1520	705	$\frac{2}{47}$	$\frac{1}{15}$	$\frac{9}{47}$	$\frac{7}{15}$	$\Phi_{705}^2\ \Phi_{235}^2\ \Phi_{141}^2\ \Phi_{47}^4\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^6$
106178	1520	60	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{60}^{27}\ \Phi_{30}^{24}\ \Phi_{20}^{26}\ \Phi_{15}^{25}\ \Phi_{12}^{27}\ \Phi_{10}^{23}\ \Phi_6^{23}\ \Phi_5^{24}\ \Phi_4^{26}\ \Phi_3^{24}\ \Phi_2^{22}\ \Phi_1^{24}$
106179	1520	1599	$\frac{1}{39}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}$
106180	1520	1519	$\frac{43}{1519}$	$\frac{115}{1519}$	$\frac{369}{1519}$	$\frac{702}{1519}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}\ \Phi_{31}\ \Phi_7\ \Phi_1^2$
106181	1520	1066	$\frac{1}{41}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{1066}^2\ \Phi_{533}\ \Phi_{82}^2$
106182	1520	2992	$\frac{1}{17}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{81}{176}$	$\Phi_{2992}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
106183	1520	105	$\frac{1}{21}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{105}^{14}\ \Phi_{35}^{12}\ \Phi_{21}^{20}\ \Phi_{15}^{14}\ \Phi_7^{17}\ \Phi_5^{12}\ \Phi_3^{20}\ \Phi_1^{18}$
106184	1520	1620	$\frac{1}{20}$	$\frac{7}{81}$	$\frac{11}{81}$	$\frac{37}{81}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}$ $\Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
106185	1520	279	$\frac{1}{31}$	$\frac{25}{279}$	$\frac{6}{31}$	$\frac{127}{279}$	$\Phi_{279}^5\ \Phi_{93}^5\ \Phi_{31}^9\ \Phi_9^5\ \Phi_3^5\ \Phi_1^{10}$
106186	1520	462	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{462}^4\ \Phi_{231}^3\ \Phi_{154}^4\ \Phi_{77}^3\ \Phi_{66}^4\ \Phi_{42}^4\ \Phi_{33}^3\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_6^4\ \Phi_3^2$
106187	1520	1519	$\frac{69}{1519}$	$\frac{145}{1519}$	$\frac{208}{1519}$	$\frac{687}{1519}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}\ \Phi_{31}\ \Phi_7\ \Phi_1^2$
106188	1520	93	$\frac{1}{31}$	$\frac{3}{31}$	$\frac{17}{93}$	$\frac{14}{31}$	$\Phi_{93}^{20}\ \Phi_{31}^9\ \Phi_3^{20}\ \Phi_1^{10}$
106189	1520	1905	$\frac{11}{381}$	$\frac{37}{381}$	$\frac{1}{5}$	$\frac{172}{381}$	$\Phi_{1905}\ \Phi_{635}\ \Phi_{15}$
106190	1520	1519	$\frac{29}{1519}$	$\frac{149}{1519}$	$\frac{417}{1519}$	$\frac{685}{1519}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}\ \Phi_{31}\ \Phi_7\ \Phi_1^2$
106191	1520	2283	$\frac{11}{761}$	$\frac{75}{761}$	$\frac{1}{3}$	$\frac{343}{761}$	Φ_{2283}
106192	1520	1519	$\frac{44}{1519}$	$\frac{153}{1519}$	$\frac{295}{1519}$	$\frac{683}{1519}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}\ \Phi_{31}\ \Phi_7\ \Phi_1^2$
106193	1520	343	$\frac{1}{49}$	$\frac{37}{343}$	$\frac{12}{49}$	$\frac{153}{343}$	$\Phi_{343}^4\ \Phi_{49}^7\ \Phi_7^7\ \Phi_1^8$
106194	1520	693	$\frac{1}{77}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{693}^2\ \Phi_{231}^3\ \Phi_{99}^2\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{33}^3\ \Phi_{21}^3\ \Phi_{11}^2\ \Phi_7^2$
106195	1520	1359	$\frac{3}{151}$	$\frac{1}{9}$	$\frac{37}{151}$	$\frac{4}{9}$	$\Phi_{1359}\ \Phi_{453}\ \Phi_{151}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
106196	1520	585	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{585}^3\ \Phi_{195}^4\ \Phi_{65}^4\ \Phi_{45}^2\ \Phi_{15}^3\ \Phi_5^2$
106197	1520	1359	$\frac{7}{151}$	$\frac{1}{9}$	$\frac{18}{151}$	$\frac{4}{9}$	$\Phi_{1359}\ \Phi_{453}\ \Phi_{151}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
106198	1520	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{180}^9\ \Phi_{90}^9\ \Phi_{60}^9\ \Phi_{45}^9\ \Phi_{36}^9\ \Phi_{30}^9\ \Phi_{20}^8\ \Phi_{18}^9\ \Phi_{15}^9\ \Phi_{12}^9\ \Phi_{10}^8\ \Phi_6^9\ \Phi_5^8$ $\Phi_4^8\ \Phi_2^8$
106199	1520	891	$\frac{5}{81}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{99}\ \Phi_{33}$
106200	1520	374	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{2}{17}$	$\frac{15}{34}$	$\Phi_{374}^8\ \Phi_{187}\ \Phi_{22}^8$
106201	1520	1519	$\frac{71}{1519}$	$\frac{170}{1519}$	$\frac{181}{1519}$	$\frac{669}{1519}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}\ \Phi_{31}\ \Phi_7\ \Phi_1^2$
106202	1520	1830	$\frac{9}{305}$	$\frac{37}{305}$	$\frac{1}{6}$	$\frac{134}{305}$	$\Phi_{1830}\ \Phi_{915}\ \Phi_{610}\ \Phi_{366}\ \Phi_{183}\ \Phi_{122}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
106203	1520	2856	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{168}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
106204	1520	672	$\frac{1}{96}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}^4\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^4\ \Phi_{42}^2\ \Phi_{32}^4\ \Phi_{28}^2$ $\Phi_{24}^4\ \Phi_{21}\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_8^4\ \Phi_7^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
106205	1520	567	$\frac{2}{189}$	$\frac{1}{7}$	$\frac{187}{567}$	$\frac{3}{7}$	$\Phi_{567}^4\ \Phi_{81}^4\ \Phi_7\ \Phi_1^2$
106206	1520	77	$\frac{1}{77}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{77}^{20}\ \Phi_{11}^{20}\ \Phi_7^{17}\ \Phi_1^{18}$
106207	1520	126	$\frac{1}{63}$	$\frac{1}{7}$	$\frac{31}{126}$	$\frac{3}{7}$	$\Phi_{126}^{16}\ \Phi_{63}^8\ \Phi_{42}^{16}\ \Phi_{21}^8\ \Phi_{18}^{16}\ \Phi_{14}^{16}\ \Phi_9^8\ \Phi_7^9\ \Phi_6^{16}\ \Phi_3^8\ \Phi_2^{16}\ \Phi_1^{10}$
106208	1520	189	$\frac{4}{189}$	$\frac{1}{7}$	$\frac{37}{189}$	$\frac{3}{7}$	$\Phi_{189}^8\ \Phi_{63}^8\ \Phi_{27}^8\ \Phi_{21}^8\ \Phi_9^8\ \Phi_7^9\ \Phi_3^8\ \Phi_1^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
106209	1520	777	$\frac{17}{777}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{777}^2\ \Phi_{259}^2\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_7\ \Phi_1^2$
106210	1520	546	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{546}^3\ \Phi_{273}^2\ \Phi_{182}^3\ \Phi_{91}^2\ \Phi_{78}^6\ \Phi_{42}^2\ \Phi_{39}^4\ \Phi_{26}^6\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{13}^4\ \Phi_7^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
106211	1520	98	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{98}^{16}\ \Phi_{49}^{16}\ \Phi_{14}^{16}\ \Phi_7^9\ \Phi_2^{16}\ \Phi_1^{10}$
106212	1520	441	$\frac{2}{63}$	$\frac{61}{441}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{441}^4\ \Phi_{147}^4\ \Phi_{49}^4\ \Phi_7\ \Phi_1^2$
106213	1520	756	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}\ \Phi_{126}^2\ \Phi_{108}^4\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{54}^4\ \Phi_{42}^2\ \Phi_{36}^4\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_7^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
106214	1520	693	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}^4\ \Phi_{77}^2\ \Phi_{63}\ \Phi_{33}^4\ \Phi_{21}\ \Phi_{11}^4\ \Phi_9^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
106215	1520	21	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{21}^{72}\ \Phi_7^{73}\ \Phi_3^{72}\ \Phi_1^{74}$
106216	1520	1540	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}^2\ \Phi_{154}\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{22}^2$
106217	1520	819	$\frac{4}{63}$	$\frac{59}{819}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{819}^2\ \Phi_{273}^2\ \Phi_{117}^2\ \Phi_{91}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_1^2$
106218	1520	1519	$\frac{23}{1519}$	$\frac{229}{1519}$	$\frac{374}{1519}$	$\frac{645}{1519}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}\ \Phi_{31}\ \Phi_7\ \Phi_1^2$
106219	1520	231	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{231}^7\ \Phi_{77}^7\ \Phi_{33}^5\ \Phi_{21}^6\ \Phi_{11}^4\ \Phi_7^6\ \Phi_3^4\ \Phi_1^4$
106220	1520	1599	$\frac{1}{39}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}$
106221	1520	1519	$\frac{47}{1519}$	$\frac{184}{1519}$	$\frac{267}{1519}$	$\frac{626}{1519}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}\ \Phi_{31}\ \Phi_7\ \Phi_1^2$
106222	1520	1632	$\frac{1}{96}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
106223	1520	540	$\frac{1}{20}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{54}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
106224	1520	2592	$\frac{1}{81}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{324}\ \Phi_{288}\ \Phi_{162}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
106225	1520	544	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{544}^5\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
106226	1520	1519	$\frac{74}{1519}$	$\frac{113}{1519}$	$\frac{289}{1519}$	$\frac{615}{1519}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}\ \Phi_{31}\ \Phi_7\ \Phi_1^2$
106227	1520	1719	$\frac{6}{191}$	$\frac{1}{9}$	$\frac{37}{191}$	$\frac{77}{191}$	$\Phi_{1719}\ \Phi_{573}$
106228	1520	1519	$\frac{34}{1519}$	$\frac{227}{1519}$	$\frac{297}{1519}$	$\frac{611}{1519}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}\ \Phi_{31}\ \Phi_7\ \Phi_1^2$
106229	1520	635	$\frac{2}{127}$	$\frac{25}{127}$	$\frac{1}{5}$	$\frac{51}{127}$	$\Phi_{635}^3\ \Phi_5^2$
106230	1520	217	$\frac{2}{217}$	$\frac{43}{217}$	$\frac{65}{217}$	$\frac{87}{217}$	$\Phi_{217}^7\ \Phi_{31}^7\ \Phi_7^7\ \Phi_1^8$
106231	1520	2283	$\frac{6}{761}$	$\frac{151}{761}$	$\frac{1}{3}$	$\frac{305}{761}$	Φ_{2283}
106232	1520	930	$\frac{3}{155}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{310}^2\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
106233	1520	1519	$\frac{24}{1519}$	$\frac{299}{1519}$	$\frac{305}{1519}$	$\frac{607}{1519}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}\ \Phi_{31}\ \Phi_7\ \Phi_1^2$
106234	1520	1599	$\frac{1}{39}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}$
106235	1520	98	$\frac{3}{98}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{98}^{16}\ \Phi_{49}^{15}\ \Phi_{14}^{16}\ \Phi_7^{15}\ \Phi_2^{16}\ \Phi_1^{16}$
106236	1520	31	$\frac{1}{31}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{12}{31}$	$\Phi_{31}^{49}\ \Phi_1^{50}$
106237	1520	1620	$\frac{1}{20}$	$\frac{5}{81}$	$\frac{19}{81}$	$\frac{31}{81}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
106238	1520	1519	$\frac{75}{1519}$	$\frac{94}{1519}$	$\frac{361}{1519}$	$\frac{579}{1519}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}\ \Phi_{31}\ \Phi_7\ \Phi_1^2$
106239	1520	1683	$\frac{5}{153}$	$\frac{1}{11}$	$\frac{37}{153}$	$\frac{58}{153}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{99}\ \Phi_{33}$
106240	1520	217	$\frac{5}{217}$	$\frac{27}{217}$	$\frac{53}{217}$	$\frac{82}{217}$	$\Phi_{217}^7\ \Phi_{31}^7\ \Phi_7^7\ \Phi_1^8$
106241	1520	366	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{15}{61}$	$\frac{23}{61}$	$\Phi_{366}^5\ \Phi_{183}^5\ \Phi_{122}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
106242	1520	1519	$\frac{11}{1519}$	$\frac{377}{1519}$	$\frac{474}{1519}$	$\frac{571}{1519}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}\ \Phi_{31}\ \Phi_7\ \Phi_1^2$
106243	1520	2283	$\frac{5}{761}$	$\frac{189}{761}$	$\frac{1}{3}$	$\frac{286}{761}$	Φ_{2283}
106244	1520	1224	$\frac{1}{153}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1224}^2\ \Phi_{408}^2\ \Phi_{153}^2\ \Phi_{136}^2\ \Phi_{72}^2\ \Phi_{51}^2\ \Phi_{24}\ \Phi_{17}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
106245	1520	808	$\frac{1}{101}$	$\frac{25}{101}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{808}^3\ \Phi_{101}^3\ \Phi_8^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
106246	1520	648	$\frac{1}{81}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{648}^2\ \Phi_{324}^3\ \Phi_{216}^2\ \Phi_{162}^3\ \Phi_{108}^3\ \Phi_{81}^2\ \Phi_{72}^2\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
106247	1520	3080	$\frac{1}{77}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3080}\ \Phi_{440}\ \Phi_{385}\ \Phi_{280}\ \Phi_{55}\ \Phi_{35}$
106248	1520	2424	$\frac{7}{303}$	$\frac{37}{303}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2424}\ \Phi_{808}\ \Phi_{303}\ \Phi_{101}\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
106249	1520	936	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{936}^3\ \Phi_{312}^2\ \Phi_{117}^3\ \Phi_{104}^2\ \Phi_{72}^2\ \Phi_{39}^2\ \Phi_{24}\ \Phi_{13}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
106250	1520	808	$\frac{5}{101}$	$\frac{6}{101}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{808}^3\ \Phi_{101}^3\ \Phi_8^4\ \Phi_1^4$
106251	1520	680	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{680}^4\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}^3\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}$
106252	1520	810	$\frac{1}{81}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{810}^3\ \Phi_{405}\ \Phi_{270}^3\ \Phi_{162}^3\ \Phi_{135}\ \Phi_{90}^3\ \Phi_{54}^3\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
106253	1520	147	$\frac{1}{49}$	$\frac{6}{49}$	$\frac{43}{147}$	$\frac{52}{147}$	$\Phi_{147}^8\ \Phi_{49}^{15}\ \Phi_{21}^8\ \Phi_7^{15}\ \Phi_3^8\ \Phi_1^{16}$
106254	1520	2448	$\frac{1}{24}$	$\frac{1}{17}$	$\frac{23}{72}$	$\frac{49}{144}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
106255	1520	573	$\frac{1}{191}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{573}^3\ \Phi_{191}^2$
106256	1520	1137	$\frac{3}{379}$	$\frac{94}{379}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1137}\ \Phi_{379}^2\ \Phi_3^2\ \Phi_1^4$
106257	1520	480	$\frac{1}{96}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
106258	1520	1137	$\frac{4}{379}$	$\frac{75}{379}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1137}\ \Phi_{379}^2\ \Phi_3^2\ \Phi_1^4$
106259	1520	462	$\frac{1}{77}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{462}^4\ \Phi_{231}^3\ \Phi_{154}^4\ \Phi_{77}^2\ \Phi_{66}^4\ \Phi_{42}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{11}^2\ \Phi_7^2$
106260	1520	1137	$\frac{9}{379}$	$\frac{37}{379}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1137}\ \Phi_{379}^2\ \Phi_3^2\ \Phi_1^4$
106261	1520	861	$\frac{1}{41}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{861}^2\ \Phi_{287}^2\ \Phi_{123}$
106262	1520	429	$\frac{1}{39}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{429}^4\ \Phi_{143}^4\ \Phi_{33}^3\ \Phi_{11}^2$
106263	1520	1137	$\frac{18}{379}$	$\frac{19}{379}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1137}\ \Phi_{379}^2\ \Phi_3^2\ \Phi_1^4$
106264	1520	420	$\frac{1}{21}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^3\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^3\ \Phi_{28}^4\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
106265	1520	2835	$\frac{2}{189}$	$\frac{1}{5}$	$\frac{187}{567}$	$\frac{1}{3}$	$\Phi_{2835}\ \Phi_{405}\ \Phi_{15}$
106266	1520	423	$\frac{1}{47}$	$\frac{1}{9}$	$\frac{46}{141}$	$\frac{1}{3}$	$\Phi_{423}^4\ \Phi_{141}^3\ \Phi_{47}^2\ \Phi_9^6\ \Phi_3^4\ \Phi_1^4$
106267	1520	2475	$\frac{2}{75}$	$\frac{1}{11}$	$\frac{73}{225}$	$\frac{1}{3}$	$\Phi_{2475}\ \Phi_{495}\ \Phi_{99}\ \Phi_{33}$
106268	1520	2340	$\frac{1}{20}$	$\frac{2}{39}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{234}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
106269	1520	1107	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{1107}^2\ \Phi_{123}$
106270	1520	2079	$\frac{1}{77}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{2079}\ \Phi_{297}\ \Phi_{231}\ \Phi_{189}\ \Phi_{33}\ \Phi_{21}$
106271	1520	630	$\frac{1}{63}$	$\frac{1}{5}$	$\frac{31}{126}$	$\frac{1}{3}$	$\Phi_{630}^4\ \Phi_{315}^2\ \Phi_{210}^4\ \Phi_{105}^2\ \Phi_{90}^4\ \Phi_{70}^4\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
106272	1520	906	$\frac{3}{151}$	$\frac{1}{6}$	$\frac{37}{151}$	$\frac{1}{3}$	$\Phi_{906}^2\ \Phi_{453}\ \Phi_{302}^2\ \Phi_{151}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
106273	1520	2283	$\frac{17}{761}$	$\frac{115}{761}$	$\frac{186}{761}$	$\frac{1}{3}$	Φ_{2283}
106274	1520	1659	$\frac{3}{79}$	$\frac{2}{21}$	$\frac{19}{79}$	$\frac{1}{3}$	$\Phi_{1659}\ \Phi_{553}\ \Phi_{79}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
106275	1520	825	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{6}{25}$	$\frac{1}{3}$	$\Phi_{825}^3\ \Phi_{165}^3\ \Phi_{33}^4$
106276	1520	2283	$\frac{37}{761}$	$\frac{58}{761}$	$\frac{181}{761}$	$\frac{1}{3}$	Φ_{2283}
106277	1520	780	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{195}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{60}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_6^4$
106278	1520	2283	$\frac{31}{761}$	$\frac{73}{761}$	$\frac{172}{761}$	$\frac{1}{3}$	Φ_{2283}
106279	1520	1935	$\frac{7}{387}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{215}\ \Phi_{15}$
106280	1520	1845	$\frac{1}{41}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{205}\ \Phi_{123}$
106281	1520	741	$\frac{1}{39}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{741}^2\ \Phi_{247}^2\ \Phi_{57}\ \Phi_{39}^4\ \Phi_{19}^2\ \Phi_{13}^4\ \Phi_3^2\ \Phi_1^4$
106282	1520	984	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{984}^2\ \Phi_{492}^2\ \Phi_{328}^2\ \Phi_{164}^2\ \Phi_{123}$
106283	1520	2283	$\frac{16}{761}$	$\frac{149}{761}$	$\frac{153}{761}$	$\frac{1}{3}$	Φ_{2283}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
106284	1520	945	$\frac{4}{189}$	$\frac{37}{189}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{15}^3\ \Phi_5^2$
106285	1520	390	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{390}^6\ \Phi_{195}^4\ \Phi_{130}^6\ \Phi_{65}^4\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
106286	1520	1470	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1470}^2\ \Phi_{735}^2\ \Phi_{210}^2\ \Phi_{105}\ \Phi_{30}^2\ \Phi_{15}^2$
106287	1520	2205	$\frac{2}{63}$	$\frac{61}{441}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{245}\ \Phi_{15}$
106288	1520	540	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^2\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^2\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
106289	1520	495	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{55}^4\ \Phi_{45}^2\ \Phi_{15}^3\ \Phi_5^2$
106290	1520	105	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^{18}\ \Phi_{35}^{18}\ \Phi_{15}^{19}\ \Phi_5^{18}$
106291	1520	660	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{165}^3\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{33}^4$
106292	1520	405	$\frac{5}{81}$	$\frac{2}{27}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{405}^5\ \Phi_{135}^4\ \Phi_{45}^4\ \Phi_{15}^5\ \Phi_5^4$
106293	1520	423	$\frac{2}{47}$	$\frac{1}{9}$	$\frac{9}{47}$	$\frac{1}{3}$	$\Phi_{423}^4\ \Phi_{141}^2\ \Phi_{47}^4\ \Phi_9^6\ \Phi_3^3\ \Phi_1^6$
106294	1520	2283	$\frac{36}{761}$	$\frac{77}{761}$	$\frac{145}{761}$	$\frac{1}{3}$	Φ_{2283}
106295	1520	1659	$\frac{4}{79}$	$\frac{2}{21}$	$\frac{15}{79}$	$\frac{1}{3}$	$\Phi_{1659}\ \Phi_{553}\ \Phi_{79}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
106296	1520	780	$\frac{1}{20}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}^3\ \Phi_{52}^2\ \Phi_{30}^3\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
106297	1520	2283	$\frac{33}{761}$	$\frac{91}{761}$	$\frac{134}{761}$	$\frac{1}{3}$	Φ_{2283}
106298	1520	906	$\frac{7}{151}$	$\frac{18}{151}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{906}^2\ \Phi_{453}\ \Phi_{302}^2\ \Phi_{151}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
106299	1520	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^7\ \Phi_{45}^{10}\ \Phi_{36}^{10}\ \Phi_{30}^7\ \Phi_{20}^6\ \Phi_{18}^4\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}^6\ \Phi_9^6\ \Phi_6^3\ \Phi_5^6\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
106300	1520	714	$\frac{1}{17}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{714}^3\ \Phi_{357}^2\ \Phi_{238}^3\ \Phi_{119}^2\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
106301	1520	495	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{7}{45}$	$\frac{1}{3}$	$\Phi_{495}^4\ \Phi_{165}^2\ \Phi_{99}^4\ \Phi_{55}^2\ \Phi_{33}^3\ \Phi_{11}^2$
106302	1520	165	$\frac{13}{165}$	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{165}^9\ \Phi_{55}^9\ \Phi_{33}^{10}\ \Phi_{15}^{10}\ \Phi_{11}^9\ \Phi_5^{10}\ \Phi_3^{10}\ \Phi_1^{10}$
106303	1520	1659	$\frac{7}{79}$	$\frac{2}{21}$	$\frac{9}{79}$	$\frac{1}{3}$	$\Phi_{1659}\ \Phi_{553}\ \Phi_{79}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
106304	1520	693	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{693}^3\ \Phi_{231}^2\ \Phi_{99}\ \Phi_{77}^2\ \Phi_{33}$
106305	1520	705	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{46}{141}$	$\Phi_{705}^3\ \Phi_{141}^4\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
106306	1520	450	$\frac{2}{75}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{73}{225}$	$\Phi_{450}^6\ \Phi_{225}^4\ \Phi_{90}^6\ \Phi_{45}^4\ \Phi_{30}\ \Phi_{18}^6\ \Phi_{15}\ \Phi_{10}\ \Phi_9^4$
106307	1520	279	$\frac{4}{93}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{89}{279}$	$\Phi_{279}^8\ \Phi_{31}\ \Phi_9^8\ \Phi_1^2$
106308	1520	231	$\frac{6}{77}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{71}{231}$	$\Phi_{231}^6\ \Phi_{77}^7\ \Phi_{33}^6\ \Phi_{21}^9\ \Phi_{11}^7\ \Phi_7^9\ \Phi_3^9\ \Phi_1^{10}$
106309	1520	693	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{693}^3\ \Phi_{231}\ \Phi_{99}^2\ \Phi_{77}\ \Phi_{63}^3\ \Phi_{33}\ \Phi_9^2$
106310	1520	2133	$\frac{3}{79}$	$\frac{1}{9}$	$\frac{19}{79}$	$\frac{8}{27}$	$\Phi_{2133}\ \Phi_{79}\ \Phi_{27}^2\ \Phi_1^2$
106311	1520	945	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{945}^3\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{35}\ \Phi_{15}$
106312	1520	2133	$\frac{4}{79}$	$\frac{1}{9}$	$\frac{15}{79}$	$\frac{8}{27}$	$\Phi_{2133}\ \Phi_{79}\ \Phi_{27}^2\ \Phi_1^2$
106313	1520	918	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{918}^3\ \Phi_{459}^2\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
106314	1520	2133	$\frac{7}{79}$	$\frac{1}{9}$	$\frac{9}{79}$	$\frac{8}{27}$	$\Phi_{2133}\ \Phi_{79}\ \Phi_{27}^2\ \Phi_1^2$
106315	1520	297	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{297}^8\ \Phi_{99}\ \Phi_{33}$
106316	1520	294	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{294}^7\ \Phi_{147}^7\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{42}^7\ \Phi_{21}^4\ \Phi_{14}^2\ \Phi_7\ \Phi_6^7\ \Phi_3^4\ \Phi_2^2\ \Phi_1^2$
106317	1520	1836	$\frac{1}{17}$	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
106318	1520	105	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{105}^{13}\ \Phi_{35}^{14}\ \Phi_{21}^{19}\ \Phi_{15}^{13}\ \Phi_7^{19}\ \Phi_5^{14}\ \Phi_3^{19}\ \Phi_1^{20}$
106319	1520	93	$\frac{1}{31}$	$\frac{17}{93}$	$\frac{6}{31}$	$\frac{25}{93}$	$\Phi_{93}^{15}\ \Phi_{31}^{19}\ \Phi_3^{15}\ \Phi_1^{20}$
106320	1520	630	$\frac{11}{315}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{630}^3\ \Phi_{315}^2\ \Phi_{210}^3\ \Phi_{126}^3\ \Phi_{105}^2\ \Phi_{90}^3\ \Phi_{70}^3\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{14}^3\ \Phi_{10}\ \Phi_9^2\ \Phi_7^2$
106321	1520	98	$\frac{3}{98}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{98}^{16}\ \Phi_{49}^{15}\ \Phi_{14}^{16}\ \Phi_7^{15}\ \Phi_2^{16}\ \Phi_1^{16}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
106322	1520	540	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}^4\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
106323	1520	403	$\frac{23}{403}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{403}^4\ \Phi_{31}\ \Phi_{13}^4\ \Phi_1^2$
106324	1520	561	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{4}{17}$	$\frac{13}{51}$	$\Phi_{561}^4\ \Phi_{187}\ \Phi_{33}^4$
106325	1520	635	$\frac{3}{127}$	$\frac{1}{5}$	$\frac{31}{127}$	$\frac{32}{127}$	$\Phi_{635}^3\ \Phi_5^2$
106326	1520	1896	$\frac{3}{79}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{79}$	$\Phi_{1896}\ \Phi_{948}\ \Phi_{632}\ \Phi_{316}\ \Phi_{79}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
106327	1520	475	$\frac{1}{25}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{6}{25}$	$\Phi_{475}^3\ \Phi_{95}^3\ \Phi_{25}^6\ \Phi_{19}^4\ \Phi_5^6\ \Phi_1^8$
106328	1520	150	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{6}{25}$	$\Phi_{150}^{12}\ \Phi_{75}^{12}\ \Phi_{50}^{12}\ \Phi_{30}^{13}\ \Phi_{15}^{13}\ \Phi_{10}^{13}\ \Phi_6^{12}\ \Phi_3^{12}\ \Phi_2^{12}$
106329	1520	217	$\frac{9}{217}$	$\frac{33}{217}$	$\frac{46}{217}$	$\frac{52}{217}$	$\Phi_{217}^7\ \Phi_{31}^7\ \Phi_7^7\ \Phi_1^8$
106330	1520	1830	$\frac{13}{305}$	$\frac{1}{6}$	$\frac{58}{305}$	$\frac{73}{305}$	$\Phi_{1830}\ \Phi_{915}\ \Phi_{610}\ \Phi_{366}\ \Phi_{183}\ \Phi_{122}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
106331	1520	1519	$\frac{67}{1519}$	$\frac{246}{1519}$	$\frac{289}{1519}$	$\frac{363}{1519}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}\ \Phi_{31}\ \Phi_7\ \Phi_1^2$
106332	1520	1905	$\frac{17}{381}$	$\frac{58}{381}$	$\frac{1}{5}$	$\frac{91}{381}$	$\Phi_{1905}\ \Phi_{635}\ \Phi_{15}$
106333	1520	124	$\frac{2}{31}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{29}{124}$	$\Phi_{124}^{16}\ \Phi_{62}^{16}\ \Phi_{31}\ \Phi_4^{16}\ \Phi_2^{16}\ \Phi_1^2$
106334	1520	93	$\frac{8}{93}$	$\frac{3}{31}$	$\frac{17}{93}$	$\frac{7}{31}$	$\Phi_{93}^{16}\ \Phi_{31}^{17}\ \Phi_3^{16}\ \Phi_1^{18}$
106335	1520	217	$\frac{3}{31}$	$\frac{27}{217}$	$\frac{4}{31}$	$\frac{7}{31}$	$\Phi_{217}^8\ \Phi_{31}\ \Phi_7^8\ \Phi_1^2$
106336	1520	49	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{11}{49}$	$\Phi_{49}^{31}\ \Phi_7^{31}\ \Phi_1^{32}$
106337	1520	495	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{7}{45}$	$\frac{2}{9}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}\ \Phi_{55}^4\ \Phi_{33}$
106338	1520	380	$\frac{1}{20}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{380}^4\ \Phi_{190}^4\ \Phi_{95}^3\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{20}^8\ \Phi_{19}^4\ \Phi_{10}^8\ \Phi_5^6\ \Phi_4^8\ \Phi_2^8\ \Phi_1^8$
106339	1520	855	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{855}^2\ \Phi_{285}\ \Phi_{171}^2\ \Phi_{95}\ \Phi_{57}\ \Phi_{45}^4\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
106340	1520	1620	$\frac{1}{20}$	$\frac{13}{81}$	$\frac{16}{81}$	$\frac{17}{81}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
106341	1520	840	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{20}^2\ \Phi_{15}$
106342	1520	1896	$\frac{4}{79}$	$\frac{1}{6}$	$\frac{15}{79}$	$\frac{5}{24}$	$\Phi_{1896}\ \Phi_{948}\ \Phi_{632}\ \Phi_{316}\ \Phi_{79}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
106343	1520	408	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{408}^5\ \Phi_{204}^5\ \Phi_{136}^5\ \Phi_{102}\ \Phi_{68}^5\ \Phi_{51}\ \Phi_{34}$
106344	1520	1896	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1896}\ \Phi_{948}\ \Phi_{632}\ \Phi_{316}\ \Phi_{79}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
106345	1520	792	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{792}^3\ \Phi_{396}^3\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{99}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{33}$
106346	1520	1519	$\frac{64}{1519}$	$\frac{291}{1519}$	$\frac{303}{1519}$	$\frac{307}{1519}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}\ \Phi_{31}\ \Phi_7\ \Phi_1^2$
106347	1520	1905	$\frac{16}{381}$	$\frac{73}{381}$	$\frac{1}{5}$	$\frac{77}{381}$	$\Phi_{1905}\ \Phi_{635}\ \Phi_{15}$
106348	1520	235	$\frac{2}{47}$	$\frac{9}{47}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{235}^6\ \Phi_{47}^8\ \Phi_5^9\ \Phi_1^{12}$
106349	1520	60	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{60}^{32}\ \Phi_{30}^{29}\ \Phi_{20}^{16}\ \Phi_{15}^{29}\ \Phi_{12}^{32}\ \Phi_{10}^{13}\ \Phi_6^{28}\ \Phi_5^{16}\ \Phi_4^{16}\ \Phi_3^{28}\ \Phi_2^{12}\ \Phi_1^{16}$
106350	1520	750	$\frac{4}{75}$	$\frac{1}{6}$	$\frac{71}{375}$	$\frac{1}{5}$	$\Phi_{750}^3\ \Phi_{375}^2\ \Phi_{250}^3\ \Phi_{125}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
106351	1520	1950	$\frac{21}{325}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{10}$
106352	1520	90	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{90}^{24}\ \Phi_{45}^{16}\ \Phi_{30}^{13}\ \Phi_{18}^{24}\ \Phi_{15}^9\ \Phi_{10}^{13}\ \Phi_9^{16}\ \Phi_6^{12}\ \Phi_5^8\ \Phi_3^8\ \Phi_2^{12}\ \Phi_1^8$
106353	1520	330	$\frac{13}{165}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{330}^6\ \Phi_{165}^4\ \Phi_{110}^6\ \Phi_{66}^6\ \Phi_{55}^4\ \Phi_{33}^4\ \Phi_{30}\ \Phi_{22}^6\ \Phi_{15}\ \Phi_{11}^4\ \Phi_{10}$
106354	1520	1050	$\frac{2}{25}$	$\frac{23}{175}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}$
106355	1521	2432	$\frac{1}{304}$	$\frac{305}{1216}$	$\frac{911}{2432}$	$\frac{303}{608}$	$\Phi_{2432}\ \Phi_{608}\ \Phi_{128}\ \Phi_{32}\ \Phi_1$
106356	1521	2032	$\frac{3}{508}$	$\frac{1}{4}$	$\frac{511}{2032}$	$\frac{505}{1016}$	$\Phi_{2032}\ \Phi_{508}\ \Phi_{254}\ \Phi_{127}\ \Phi_{16}\ \Phi_1$
106357	1521	336	$\frac{1}{168}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{167}{336}$	$\Phi_{336}\ \Phi_{168}^8\ \Phi_{112}\ \Phi_{84}^8\ \Phi_{56}^8\ \Phi_{48}\ \Phi_{42}^8\ \Phi_{28}^8\ \Phi_{24}^8\ \Phi_{21}^8\ \Phi_{16}^2\ \Phi_{14}^8\ \Phi_{12}^8\ \Phi_8^8\ \Phi_7^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
106358	1521	336	$\frac{1}{168}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{167}{336}$	$\Phi_{336}^9\ \Phi_{112}^9\ \Phi_{48}^9\ \Phi_{16}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
106359	1521	696	$\frac{1}{116}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{115}{232}$	$\Phi_{348}^4\ \Phi_{232}\ \Phi_{174}^4\ \Phi_{116}^4\ \Phi_{87}^4\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_{24}\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
106360	1521	3480	$\frac{1}{116}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{115}{232}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{232}\ \Phi_{120}\ \Phi_{40}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
106361	1521	2088	$\frac{1}{116}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{115}{232}$	$\Phi_{2088}^2\ \Phi_{232}\ \Phi_{72}^2\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
106362	1521	464	$\frac{1}{116}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{115}{232}$	$\Phi_{464}^4\ \Phi_{232}\ \Phi_{116}^4\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_{16}^5\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
106363	1521	3008	$\frac{17}{1504}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{1487}{3008}$	$\Phi_{3008}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
106364	1521	320	$\frac{1}{80}$	$\frac{9}{160}$	$\frac{151}{320}$	$\frac{79}{160}$	$\Phi_{320}^9\ \Phi_{160}\ \Phi_{64}^9\ \Phi_{32}\ \Phi_1$
106365	1521	640	$\frac{1}{80}$	$\frac{27}{160}$	$\frac{133}{640}$	$\frac{79}{160}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{32}\ \Phi_1$
106366	1521	610	$\frac{4}{305}$	$\frac{103}{610}$	$\frac{1}{5}$	$\frac{301}{610}$	$\Phi_{610}^2\ \Phi_{305}^3\ \Phi_{122}^2\ \Phi_{61}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
106367	1521	1000	$\frac{7}{500}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{493}{1000}$	$\Phi_{1000}^3\ \Phi_{200}^3\ \Phi_{40}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
106368	1521	1000	$\frac{7}{500}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{493}{1000}$	$\Phi_{1000}^3\ \Phi_{200}^3\ \Phi_{40}^3\ \Phi_{25}\ \Phi_8^3\ \Phi_1$
106369	1521	680	$\frac{3}{170}$	$\frac{1}{10}$	$\frac{173}{680}$	$\frac{167}{340}$	$\Phi_{680}^3\ \Phi_{170}^3\ \Phi_{136}^3\ \Phi_{85}^3\ \Phi_{40}^3\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
106370	1521	992	$\frac{11}{496}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{485}{992}$	$\Phi_{992}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
106371	1521	330	$\frac{4}{165}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{161}{330}$	$\Phi_{330}^4\ \Phi_{165}^5\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{55}^5\ \Phi_{33}^5\ \Phi_{30}^4\ \Phi_{22}^4\ \Phi_{15}^5\ \Phi_{11}^5\ \Phi_{10}^8\ \Phi_6^4\ \Phi_5^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^9$
106372	1521	76	$\frac{1}{38}$	$\frac{1}{38}$	$\frac{37}{76}$	$\frac{37}{76}$	$\Phi_{76}^2\ \Phi_{38}^{38}\ \Phi_{19}^{38}\ \Phi_4^2\ \Phi_2^{38}\ \Phi_1^{39}$
106373	1521	76	$\frac{1}{38}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{37}{76}$	$\Phi_{76}^{39}\ \Phi_{19}^2\ \Phi_4^{39}\ \Phi_1^3$
106374	1521	532	$\frac{1}{38}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{37}{76}$	$\Phi_{532}^2\ \Phi_{266}^4\ \Phi_{133}^4\ \Phi_{76}\ \Phi_{38}^2\ \Phi_{28}^4\ \Phi_{19}^2\ \Phi_{14}^5\ \Phi_7^5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
106375	1521	2048	$\frac{15}{512}$	$\frac{1}{16}$	$\frac{527}{2048}$	$\frac{497}{1024}$	$\Phi_{2048}\ \Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
106376	1521	1020	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{35}{204}$	$\frac{33}{68}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{255}^2\ \Phi_{204}\ \Phi_{170}^2\ \Phi_{102}\ \Phi_{85}^2\ \Phi_{60}^2\ \Phi_{51}\ \Phi_{34}\ \Phi_{30}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
106377	1521	2944	$\frac{49}{1472}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1423}{2944}$	$\Phi_{2944}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
106378	1521	228	$\frac{2}{57}$	$\frac{1}{19}$	$\frac{59}{228}$	$\frac{55}{114}$	$\Phi_{228}^9\ \Phi_{76}^9\ \Phi_{57}^9\ \Phi_{19}^8\ \Phi_{12}^9\ \Phi_4^9\ \Phi_3^9\ \Phi_1^9$
106379	1521	125	$\frac{1}{25}$	$\frac{8}{125}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{125}^{13}\ \Phi_{25}^9\ \Phi_5^8\ \Phi_1^9$
106380	1521	224	$\frac{5}{112}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{107}{224}$	$\Phi_{224}^{13}\ \Phi_{32}^{13}\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
106381	1521	1700	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{179}{1700}$	$\frac{161}{340}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{425}\ \Phi_{170}\ \Phi_{100}\ \Phi_{85}\ \Phi_{50}\ \Phi_{34}\ \Phi_{25}\ \Phi_{17}\ \Phi_1$
106382	1521	320	$\frac{1}{40}$	$\frac{9}{160}$	$\frac{13}{40}$	$\frac{151}{320}$	$\Phi_{320}^9\ \Phi_{64}^9\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
106383	1521	320	$\frac{9}{160}$	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{151}{320}$	$\Phi_{320}^9\ \Phi_{64}^9\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
106384	1521	320	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{151}{320}$	$\Phi_{320}^9\ \Phi_{64}^9\ \Phi_{10}^8\ \Phi_5^8\ \Phi_2^8\ \Phi_1^9$
106385	1521	160	$\frac{1}{40}$	$\frac{3}{40}$	$\frac{43}{160}$	$\frac{37}{80}$	$\Phi_{160}^{13}\ \Phi_{40}^{12}\ \Phi_{32}^{13}\ \Phi_{20}^{12}\ \Phi_{10}^{12}\ \Phi_8^{12}\ \Phi_5^{12}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
106386	1521	2816	$\frac{1}{16}$	$\frac{113}{1408}$	$\frac{15}{128}$	$\frac{1295}{2816}$	$\Phi_{2816}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
106387	1521	696	$\frac{1}{58}$	$\frac{1}{12}$	$\frac{19}{58}$	$\frac{11}{24}$	$\Phi_{696}^4\ \Phi_{232}^4\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{24}^5\ \Phi_8^5\ \Phi_2^2\ \Phi_1^3$
106388	1521	120	$\frac{1}{40}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^{15}\ \Phi_{30}^{12}\ \Phi_{24}^9\ \Phi_{20}^{15}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_{10}^{15}\ \Phi_8^{12}\ \Phi_6^{12}\ \Phi_5^{15}\ \Phi_4^{14}\ \Phi_3^{12}\ \Phi_2^{14}\ \Phi_1^{15}$
106389	1521	3480	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{28}{145}$	$\frac{11}{24}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{145}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_8\ \Phi_5\ \Phi_1$
106390	1521	696	$\frac{2}{29}$	$\frac{1}{12}$	$\frac{3}{29}$	$\frac{11}{24}$	$\Phi_{696}^4\ \Phi_{232}^4\ \Phi_{29}^4\ \Phi_{24}^5\ \Phi_8^5\ \Phi_1^5$
106391	1521	840	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{24}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{24}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
106392	1521	1760	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{239}{1760}$	$\frac{201}{440}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
106393	1521	2800	$\frac{1}{20}$	$\frac{121}{1400}$	$\frac{19}{140}$	$\frac{1279}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
106394	1521	180	$\frac{11}{180}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{180}^9\ \Phi_{90}^9\ \Phi_{60}^9\ \Phi_{45}^9\ \Phi_{36}^9\ \Phi_{30}^9\ \Phi_{18}^9\ \Phi_{15}^9\ \Phi_{12}^9\ \Phi_{10}^8\ \Phi_9^9\ \Phi_6^9\ \Phi_5^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
106395	1521	1530	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{16}{153}$	$\frac{137}{306}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{255}\ \Phi_{170}^2\ \Phi_{153}\ \Phi_{90}\ \Phi_{85}^2\ \Phi_{51}\ \Phi_{45}\ \Phi_{34}\ \Phi_{30}\ \Phi_{17}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1$
106396	1521	190	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{21}{190}$	$\frac{17}{38}$	$\Phi_{190}^9\ \Phi_{95}^9\ \Phi_{19}^8\ \Phi_{10}^9\ \Phi_5^9\ \Phi_1^9$
106397	1521	304	$\frac{1}{76}$	$\frac{17}{152}$	$\frac{25}{76}$	$\frac{135}{304}$	$\Phi_{304}^9\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{16}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
106398	1521	304	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{17}{152}$	$\frac{135}{304}$	$\Phi_{304}^9\ \Phi_{19}^8\ \Phi_{16}^9\ \Phi_1^9$
106399	1521	280	$\frac{1}{40}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{280}^5\ \Phi_{140}^5\ \Phi_{70}^4\ \Phi_{56}^5\ \Phi_{40}^9\ \Phi_{35}^5\ \Phi_{28}^5\ \Phi_{20}^9\ \Phi_{14}^4\ \Phi_{10}^8\ \Phi_8^9\ \Phi_7^5\ \Phi_5^8\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
106400	1521	2720	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{161}{1360}$	$\frac{1199}{2720}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{170}\ \Phi_{160}\ \Phi_{85}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_1$
106401	1521	2736	$\frac{2}{171}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{171}\ \Phi_{144}\ \Phi_{57}\ \Phi_{19}\ \Phi_{16}\ \Phi_9\ \Phi_1$
106402	1521	1008	$\frac{1}{84}$	$\frac{1}{8}$	$\frac{83}{252}$	$\frac{7}{16}$	$\Phi_{1008}^4\ \Phi_{252}\ \Phi_{144}^4\ \Phi_{126}\ \Phi_{63}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
106403	1521	688	$\frac{3}{172}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{688}^4\ \Phi_{172}\ \Phi_{86}\ \Phi_{43}\ \Phi_{16}\ \Phi_1$
106404	1521	224	$\frac{1}{56}$	$\frac{1}{8}$	$\frac{55}{224}$	$\frac{7}{16}$	$\Phi_{224}^9\ \Phi_{112}\ \Phi_{56}^8\ \Phi_{32}^9\ \Phi_{28}^8\ \Phi_{16}^2\ \Phi_{14}^8\ \Phi_8^8\ \Phi_7^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
106405	1521	1680	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{41}{210}$	$\frac{7}{16}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{240}^2\ \Phi_{210}\ \Phi_{105}\ \Phi_{80}^2\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
106406	1521	80	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{80}^{16}\ \Phi_{40}^{23}\ \Phi_{20}^{23}\ \Phi_{16}^{14}\ \Phi_{10}^{23}\ \Phi_8^{20}\ \Phi_5^{23}\ \Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^{21}$
106407	1521	1392	$\frac{5}{174}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{1392}^2\ \Phi_{464}^2\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}\ \Phi_{29}\ \Phi_{16}\ \Phi_1$
106408	1521	2800	$\frac{6}{175}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{175}\ \Phi_{80}\ \Phi_{35}\ \Phi_{25}\ \Phi_{16}\ \Phi_5\ \Phi_1$
106409	1521	784	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{27}{196}$	$\frac{7}{16}$	$\Phi_{784}^4\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{16}\ \Phi_1$
106410	1521	176	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{176}^9\ \Phi_{88}^9\ \Phi_{44}^9\ \Phi_{22}^9\ \Phi_{16}^2\ \Phi_{11}^9\ \Phi_8^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
106411	1521	192	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{192}^9\ \Phi_{96}^9\ \Phi_{64}^9\ \Phi_{48}\ \Phi_{32}^9\ \Phi_{24}^8\ \Phi_{16}^2\ \Phi_{12}^8\ \Phi_8^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
106412	1521	3024	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{189}\ \Phi_{144}\ \Phi_{63}\ \Phi_{27}\ \Phi_{16}\ \Phi_9\ \Phi_1$
106413	1521	720	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{720}^4\ \Phi_{240}^4\ \Phi_{180}\ \Phi_{144}^4\ \Phi_{90}\ \Phi_{80}^4\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
106414	1521	112	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{112}^{24}\ \Phi_{16}^{25}\ \Phi_{14}^{12}\ \Phi_7^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
106415	1521	896	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{59}{448}$	$\frac{389}{896}$	$\Phi_{896}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
106416	1521	560	$\frac{1}{20}$	$\frac{53}{560}$	$\frac{19}{140}$	$\frac{121}{280}$	$\Phi_{560}^3\ \Phi_{280}^2\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
106417	1521	2128	$\frac{1}{76}$	$\frac{75}{532}$	$\frac{607}{2128}$	$\frac{457}{1064}$	$\Phi_{2128}\ \Phi_{532}\ \Phi_{304}\ \Phi_{266}\ \Phi_{133}\ \Phi_{112}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
106418	1521	880	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{67}{440}$	$\frac{373}{880}$	$\Phi_{880}^3\ \Phi_{220}\ \Phi_{176}^3\ \Phi_{110}\ \Phi_{80}^3\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}^3\ \Phi_{11}\ \Phi_1$
106419	1521	1550	$\frac{29}{1550}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1550}\ \Phi_{775}\ \Phi_{310}\ \Phi_{155}\ \Phi_{62}\ \Phi_{31}\ \Phi_{25}\ \Phi_1$
106420	1521	2560	$\frac{1}{80}$	$\frac{241}{1280}$	$\frac{79}{320}$	$\frac{1039}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{320}\ \Phi_{160}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
106421	1521	2560	$\frac{15}{256}$	$\frac{1}{16}$	$\frac{241}{1280}$	$\frac{1039}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
106422	1521	505	$\frac{4}{505}$	$\frac{1}{5}$	$\frac{167}{505}$	$\frac{2}{5}$	$\Phi_{505}^3\ \Phi_{101}^3\ \Phi_5^4\ \Phi_1^5$
106423	1521	320	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{320}^8\ \Phi_{64}^7\ \Phi_{40}^7\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_8^6\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
106424	1521	1360	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{33}{136}$	$\frac{103}{272}$	$\Phi_{1360}^2\ \Phi_{272}\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{80}^2\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
106425	1521	2440	$\frac{4}{305}$	$\frac{1}{5}$	$\frac{301}{1220}$	$\frac{919}{2440}$	$\Phi_{2440}\ \Phi_{488}\ \Phi_{305}\ \Phi_{61}\ \Phi_{40}\ \Phi_8\ \Phi_1$
106426	1521	640	$\frac{1}{80}$	$\frac{133}{640}$	$\frac{79}{320}$	$\frac{241}{640}$	$\Phi_{640}^2\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{128}^2\ \Phi_{80}^2\ \Phi_{64}^3\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
106427	1521	512	$\frac{5}{512}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{512}^3\ \Phi_{256}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
106428	1521	171	$\frac{2}{171}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{171}^9\ \Phi_{57}^9\ \Phi_{19}^8\ \Phi_9^9\ \Phi_3^9\ \Phi_1^9$
106429	1521	800	$\frac{1}{80}$	$\frac{79}{400}$	$\frac{107}{400}$	$\frac{293}{800}$	$\Phi_{800}^3\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}^3\ \Phi_{100}\ \Phi_{50}\ \Phi_{32}^3\ \Phi_{25}\ \Phi_1$
106430	1521	40	$\frac{1}{40}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{40}^{39}\ \Phi_{20}^{36}\ \Phi_{10}^{38}\ \Phi_8^{39}\ \Phi_5^{38}\ \Phi_4^{36}\ \Phi_2^{38}\ \Phi_1^{39}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
106431	1521	532	$\frac{25}{532}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{532}^{3}\ \Phi_{266}^{3}\ \Phi_{133}^{3}\ \Phi_{76}^{3}\ \Phi_{28}^{3}\ \Phi_{19}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
106432	1521	256	$\frac{5}{128}$	$\frac{1}{16}$	$\frac{41}{128}$	$\frac{87}{256}$	$\Phi_{256}^{9}\ \Phi_{128}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106433	1521	560	$\frac{1}{40}$	$\frac{53}{560}$	$\frac{13}{40}$	$\frac{27}{80}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{112}^{3}\ \Phi_{70}^{3}\ \Phi_{56}^{3}\ \Phi_{40}^{2}\ \Phi_{35}^{3}\ \Phi_{28}^{3}\ \Phi_{20}^{2}\ \Phi_{14}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106434	1521	608	$\frac{1}{76}$	$\frac{101}{608}$	$\frac{25}{76}$	$\frac{51}{152}$	$\Phi_{608}^{3}\ \Phi_{304}^{3}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{32}^{3}\ \Phi_{19}^{2}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106435	1521	508	$\frac{1}{127}$	$\frac{1}{4}$	$\frac{42}{127}$	$\frac{85}{254}$	$\Phi_{508}^{4}\ \Phi_{254}\ \Phi_{127}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
106436	1521	760	$\frac{1}{190}$	$\frac{63}{190}$	$\frac{253}{760}$	$\frac{127}{380}$	$\Phi_{760}^{3}\ \Phi_{190}^{2}\ \Phi_{152}^{3}\ \Phi_{95}^{2}\ \Phi_{40}^{3}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106437	1521	870	$\frac{1}{58}$	$\frac{2}{15}$	$\frac{19}{58}$	$\frac{1}{3}$	$\Phi_{870}^{2}\ \Phi_{435}^{2}\ \Phi_{290}^{2}\ \Phi_{145}^{2}\ \Phi_{58}^{2}\ \Phi_{30}^{2}\ \Phi_{29}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106438	1521	684	$\frac{2}{171}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{684}^{2}\ \Phi_{342}^{2}\ \Phi_{228}^{2}\ \Phi_{171}^{3}\ \Phi_{114}^{2}\ \Phi_{76}^{2}\ \Phi_{57}^{3}\ \Phi_{38}^{2}\ \Phi_{36}^{2}\ \Phi_{19}^{3}\ \Phi_{18}^{2}\ \Phi_{9}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106439	1521	120	$\frac{1}{40}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^{12}\ \Phi_{60}^{11}\ \Phi_{40}^{15}\ \Phi_{30}^{11}\ \Phi_{24}^{12}\ \Phi_{20}^{14}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_{10}^{14}\ \Phi_{8}^{15}\ \Phi_{6}^{12}\ \Phi_{5}^{15}\ \Phi_{4}^{14}\ \Phi_{3}^{12}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
106440	1521	435	$\frac{1}{29}$	$\frac{2}{15}$	$\frac{28}{145}$	$\frac{1}{3}$	$\Phi_{435}^{3}\ \Phi_{145}^{4}\ \Phi_{87}^{4}\ \Phi_{29}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
106441	1521	435	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{435}^{4}\ \Phi_{145}^{4}\ \Phi_{29}^{4}\ \Phi_{15}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{5}$
106442	1521	210	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{210}^{7}\ \Phi_{105}^{7}\ \Phi_{70}^{9}\ \Phi_{42}^{8}\ \Phi_{35}^{9}\ \Phi_{30}^{3}\ \Phi_{21}^{8}\ \Phi_{15}^{4}\ \Phi_{14}^{9}\ \Phi_{10}^{4}\ \Phi_{7}^{9}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
106443	1521	252	$\frac{1}{84}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{83}{252}$	$\Phi_{252}^{9}\ \Phi_{126}^{9}\ \Phi_{63}^{9}\ \Phi_{36}^{9}\ \Phi_{18}^{9}\ \Phi_{9}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106444	1521	228	$\frac{1}{76}$	$\frac{17}{76}$	$\frac{59}{228}$	$\frac{25}{76}$	$\Phi_{228}^{9}\ \Phi_{114}^{9}\ \Phi_{76}^{2}\ \Phi_{57}^{9}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{2}\ \Phi_{3}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106445	1521	522	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{19}{58}$	$\Phi_{522}^{4}\ \Phi_{261}^{4}\ \Phi_{58}^{2}\ \Phi_{29}^{2}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106446	1521	464	$\frac{1}{58}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{19}{58}$	$\Phi_{464}^{4}\ \Phi_{232}^{4}\ \Phi_{58}^{2}\ \Phi_{29}^{2}\ \Phi_{16}^{5}\ \Phi_{8}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106447	1521	475	$\frac{2}{95}$	$\frac{64}{475}$	$\frac{137}{475}$	$\frac{31}{95}$	$\Phi_{475}^{3}\ \Phi_{95}^{4}\ \Phi_{25}^{3}\ \Phi_{19}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{5}$
106448	1521	240	$\frac{1}{40}$	$\frac{9}{80}$	$\frac{71}{240}$	$\frac{13}{40}$	$\Phi_{240}^{9}\ \Phi_{120}^{9}\ \Phi_{60}^{9}\ \Phi_{48}^{9}\ \Phi_{40}^{2}\ \Phi_{30}^{9}\ \Phi_{24}^{9}\ \Phi_{20}^{2}\ \Phi_{15}^{9}\ \Phi_{12}^{9}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{9}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106449	1521	200	$\frac{1}{40}$	$\frac{31}{200}$	$\frac{9}{40}$	$\frac{13}{40}$	$\Phi_{200}^{9}\ \Phi_{100}^{9}\ \Phi_{50}^{9}\ \Phi_{40}^{2}\ \Phi_{25}^{9}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106450	1521	640	$\frac{1}{40}$	$\frac{27}{160}$	$\frac{133}{640}$	$\frac{13}{40}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{128}^{3}\ \Phi_{64}^{3}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106451	1521	250	$\frac{7}{250}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{81}{250}$	$\Phi_{250}^{6}\ \Phi_{125}^{6}\ \Phi_{50}^{6}\ \Phi_{25}^{6}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
106452	1521	250	$\frac{7}{250}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{81}{250}$	$\Phi_{250}^{6}\ \Phi_{125}^{6}\ \Phi_{50}^{6}\ \Phi_{25}^{7}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
106453	1521	345	$\frac{4}{115}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{37}{115}$	$\Phi_{345}^{5}\ \Phi_{115}^{3}\ \Phi_{69}^{5}\ \Phi_{23}^{3}\ \Phi_{15}^{7}\ \Phi_{5}^{4}\ \Phi_{3}^{7}\ \Phi_{1}^{5}$
106454	1521	19	$\frac{1}{19}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{6}{19}$	$\Phi_{19}^{80}\ \Phi_{1}^{81}$
106455	1521	532	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{532}^{4}\ \Phi_{266}^{2}\ \Phi_{133}^{2}\ \Phi_{76}^{2}\ \Phi_{28}^{6}\ \Phi_{19}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
106456	1521	1020	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{35}{204}$	$\frac{16}{51}$	$\Phi_{1020}^{2}\ \Phi_{510}\ \Phi_{340}^{2}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}^{2}\ \Phi_{85}^{2}\ \Phi_{68}\ \Phi_{60}^{2}\ \Phi_{51}\ \Phi_{34}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
106457	1521	826	$\frac{7}{118}$	$\frac{1}{14}$	$\frac{27}{118}$	$\frac{37}{118}$	$\Phi_{826}^{2}\ \Phi_{413}^{2}\ \Phi_{118}\ \Phi_{59}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
106458	1521	128	$\frac{1}{16}$	$\frac{11}{128}$	$\frac{3}{16}$	$\frac{5}{16}$	$\Phi_{128}^{13}\ \Phi_{64}^{13}\ \Phi_{32}^{13}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
106459	1521	152	$\frac{9}{152}$	$\frac{11}{152}$	$\frac{35}{152}$	$\frac{47}{152}$	$\Phi_{152}^{10}\ \Phi_{76}^{10}\ \Phi_{38}^{10}\ \Phi_{19}^{10}\ \Phi_{8}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
106460	1521	508	$\frac{27}{508}$	$\frac{37}{508}$	$\frac{1}{4}$	$\frac{157}{508}$	$\Phi_{508}^{3}\ \Phi_{254}^{3}\ \Phi_{127}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106461	1521	220	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{51}{220}$	$\frac{67}{220}$	$\Phi_{220}^{7}\ \Phi_{110}^{7}\ \Phi_{55}^{7}\ \Phi_{44}^{7}\ \Phi_{22}^{7}\ \Phi_{20}^{6}\ \Phi_{11}^{7}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
106462	1521	200	$\frac{7}{100}$	$\frac{1}{10}$	$\frac{31}{200}$	$\frac{3}{10}$	$\Phi_{200}^{9}\ \Phi_{100}^{6}\ \Phi_{50}^{6}\ \Phi_{40}^{9}\ \Phi_{25}^{6}\ \Phi_{20}^{6}\ \Phi_{10}^{8}\ \Phi_{8}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
106463	1521	550	$\frac{43}{550}$	$\frac{1}{10}$	$\frac{7}{50}$	$\frac{3}{10}$	$\Phi_{550}^{3}\ \Phi_{275}^{3}\ \Phi_{110}^{3}\ \Phi_{55}^{3}\ \Phi_{22}^{3}\ \Phi_{11}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106464	1521	240	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{240}$	$\Phi_{240}^{9}\ \Phi_{120}^{9}\ \Phi_{60}^{9}\ \Phi_{48}^{9}\ \Phi_{30}^{9}\ \Phi_{24}^{9}\ \Phi_{15}^{9}\ \Phi_{12}^{9}\ \Phi_{10}^{8}\ \Phi_{6}^{9}\ \Phi_{5}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
106465	1521	192	$\frac{1}{16}$	$\frac{23}{192}$	$\frac{5}{32}$	$\frac{9}{32}$	$\Phi_{192}^{9}\ \Phi_{96}^{9}\ \Phi_{64}^{9}\ \Phi_{48}^{9}\ \Phi_{32}^{3}\ \Phi_{24}^{9}\ \Phi_{16}^{2}\ \Phi_{12}^{9}\ \Phi_{8}^{2}\ \Phi_{6}^{9}\ \Phi_{4}^{2}\ \Phi_{3}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106466	1521	175	$\frac{6}{175}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{175}^{9}\ \Phi_{35}^{9}\ \Phi_{25}^{7}\ \Phi_{7}^{9}\ \Phi_{5}^{6}\ \Phi_{1}^{7}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
106467	1521	360	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{90}^{6}\ \Phi_{72}^{6}\ \Phi_{45}^{6}\ \Phi_{40}^{3}\ \Phi_{36}^{4}\ \Phi_{20}^{3}\ \Phi_{18}^{5}\ \Phi_{10}^{3}\ \Phi_{9}^{5}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106468	1521	2610	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{28}{145}$	$\frac{5}{18}$	$\Phi_{2610}\ \Phi_{1305}\ \Phi_{145}\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
106469	1521	522	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{522}^{4}\ \Phi_{261}^{4}\ \Phi_{29}^{4}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{1}^{5}$
106470	1521	630	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{630}^{4}\ \Phi_{315}^{4}\ \Phi_{126}^{2}\ \Phi_{90}^{2}\ \Phi_{70}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{35}^{2}\ \Phi_{18}\ \Phi_{14}\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
106471	1521	700	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{121}{700}$	$\frac{193}{700}$	$\Phi_{700}^{2}\ \Phi_{350}^{2}\ \Phi_{175}^{2}\ \Phi_{140}^{3}\ \Phi_{100}^{2}\ \Phi_{70}^{3}\ \Phi_{50}^{2}\ \Phi_{35}^{3}\ \Phi_{28}^{3}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{14}^{3}\ \Phi_{10}^{2}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106472	1521	180	$\frac{11}{180}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{180}^{9}\ \Phi_{90}^{9}\ \Phi_{60}^{9}\ \Phi_{45}^{9}\ \Phi_{36}^{9}\ \Phi_{30}^{4}\ \Phi_{20}^{9}\ \Phi_{18}^{9}\ \Phi_{15}^{5}\ \Phi_{12}^{9}\ \Phi_{10}^{8}\ \Phi_{9}^{9}\ \Phi_{6}^{4}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
106473	1521	228	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{17}{76}$	$\frac{59}{228}$	$\Phi_{228}^{9}\ \Phi_{114}^{9}\ \Phi_{57}^{9}\ \Phi_{19}^{8}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{9}$
106474	1521	680	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{161}{680}$	$\frac{173}{680}$	$\Phi_{680}^{2}\ \Phi_{340}^{2}\ \Phi_{170}^{3}\ \Phi_{136}^{2}\ \Phi_{85}^{3}\ \Phi_{68}^{2}\ \Phi_{40}^{2}\ \Phi_{34}^{3}\ \Phi_{20}^{2}\ \Phi_{17}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106475	1521	172	$\frac{3}{172}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{172}^{9}\ \Phi_{86}^{9}\ \Phi_{43}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106476	1521	224	$\frac{1}{56}$	$\frac{55}{224}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{224}^{9}\ \Phi_{112}^{9}\ \Phi_{32}^{9}\ \Phi_{16}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106477	1521	420	$\frac{1}{42}$	$\frac{41}{210}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{420}^{4}\ \Phi_{210}^{5}\ \Phi_{140}^{4}\ \Phi_{105}^{5}\ \Phi_{70}^{5}\ \Phi_{60}^{4}\ \Phi_{35}^{5}\ \Phi_{30}^{5}\ \Phi_{20}^{4}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{5}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106478	1521	80	$\frac{1}{40}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{80}^{24}\ \Phi_{40}^{15}\ \Phi_{20}^{15}\ \Phi_{16}^{21}\ \Phi_{10}^{15}\ \Phi_{8}^{12}\ \Phi_{5}^{15}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
106479	1521	348	$\frac{5}{174}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{348}^{4}\ \Phi_{174}^{5}\ \Phi_{116}^{4}\ \Phi_{87}^{5}\ \Phi_{58}^{5}\ \Phi_{29}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106480	1521	700	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{700}^{2}\ \Phi_{350}^{2}\ \Phi_{175}^{3}\ \Phi_{140}^{2}\ \Phi_{100}^{2}\ \Phi_{70}^{2}\ \Phi_{50}^{2}\ \Phi_{35}^{3}\ \Phi_{25}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106481	1521	196	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{196}^{9}\ \Phi_{98}^{9}\ \Phi_{49}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106482	1521	176	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{176}^{9}\ \Phi_{88}^{9}\ \Phi_{44}^{9}\ \Phi_{22}^{9}\ \Phi_{16}^{9}\ \Phi_{11}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106483	1521	192	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{192}^{9}\ \Phi_{96}^{9}\ \Phi_{64}^{9}\ \Phi_{48}^{9}\ \Phi_{32}^{9}\ \Phi_{16}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106484	1521	532	$\frac{25}{532}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{532}^{3}\ \Phi_{266}^{3}\ \Phi_{133}^{3}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{19}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106485	1521	756	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{756}^{2}\ \Phi_{378}^{2}\ \Phi_{252}^{2}\ \Phi_{189}^{3}\ \Phi_{126}^{2}\ \Phi_{108}^{2}\ \Phi_{63}^{3}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{3}\ \Phi_{18}^{2}\ \Phi_{9}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106486	1521	560	$\frac{3}{56}$	$\frac{53}{560}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{112}^{3}\ \Phi_{80}^{3}\ \Phi_{70}^{3}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106487	1521	180	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{180}^{9}\ \Phi_{90}^{9}\ \Phi_{60}^{9}\ \Phi_{45}^{9}\ \Phi_{36}^{9}\ \Phi_{30}^{9}\ \Phi_{20}^{9}\ \Phi_{18}^{9}\ \Phi_{15}^{9}\ \Phi_{10}^{9}\ \Phi_{9}^{9}\ \Phi_{5}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106488	1521	28	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{28}^{48}\ \Phi_{14}^{60}\ \Phi_{7}^{60}\ \Phi_{4}^{50}\ \Phi_{2}^{62}\ \Phi_{1}^{63}$
106489	1521	464	$\frac{3}{116}$	$\frac{3}{16}$	$\frac{113}{464}$	$\frac{1}{4}$	$\Phi_{464}^{3}\ \Phi_{232}^{3}\ \Phi_{116}^{4}\ \Phi_{58}^{4}\ \Phi_{29}^{4}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
106490	1521	2320	$\frac{1}{29}$	$\frac{3}{16}$	$\frac{28}{145}$	$\frac{1}{4}$	$\Phi_{2320}\ \Phi_{1160}\ \Phi_{145}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
106491	1521	464	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{464}^{4}\ \Phi_{232}^{4}\ \Phi_{29}^{4}\ \Phi_{16}^{5}\ \Phi_{8}^{5}\ \Phi_{1}^{5}$
106492	1521	560	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{112}^{2}\ \Phi_{80}^{2}\ \Phi_{70}^{2}\ \Phi_{56}^{2}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
106493	1521	2000	$\frac{21}{500}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{479}{2000}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{400}\ \Phi_{200}\ \Phi_{80}\ \Phi_{40}\ \Phi_{25}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
106494	1521	220	$\frac{4}{55}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{51}{220}$	$\Phi_{220}^{9}\ \Phi_{110}^{4}\ \Phi_{55}^{5}\ \Phi_{44}^{9}\ \Phi_{22}^{4}\ \Phi_{20}^{9}\ \Phi_{11}^{5}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
106495	1521	152	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{11}{76}$	$\frac{35}{152}$	$\Phi_{152}^{13}\ \Phi_{76}^{6}\ \Phi_{38}^{8}\ \Phi_{19}^{8}\ \Phi_{8}^{13}\ \Phi_{4}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
106496	1521	200	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{31}{200}$	$\frac{9}{40}$	$\Phi_{200}^{9}\ \Phi_{100}^{9}\ \Phi_{50}^{9}\ \Phi_{25}^{9}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
106497	1521	1600	$\frac{79}{1600}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
106498	1521	640	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{27}{160}$	$\frac{133}{640}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{128}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
106499	1521	625	$\frac{7}{125}$	$\frac{4}{25}$	$\frac{118}{625}$	$\frac{1}{5}$	$\Phi_{625}^{3}\ \Phi_{25}\ \Phi_{1}$
106500	1521	125	$\frac{8}{125}$	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\Phi_{125}^{12}\ \Phi_{25}^{13}\ \Phi_{5}^{12}\ \Phi_{1}^{13}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
106501	1521	200	$\frac{7}{100}$	$\frac{31}{200}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{200}^{9}\ \Phi_{100}^{6}\ \Phi_{50}^{6}\ \Phi_{40}^{9}\ \Phi_{25}^{7}\ \Phi_{20}^{6}\ \Phi_{10}^{6}\ \Phi_{8}^{9}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
106502	1521	550	$\frac{43}{550}$	$\frac{7}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{550}^{3}\ \Phi_{275}^{3}\ \Phi_{110}^{3}\ \Phi_{55}^{3}\ \Phi_{25}\ \Phi_{22}^{3}\ \Phi_{11}^{3}\ \Phi_{1}$
106503	1521	1750	$\frac{21}{250}$	$\frac{229}{1750}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1750}\ \Phi_{875}\ \Phi_{350}\ \Phi_{175}\ \Phi_{70}\ \Phi_{35}\ \Phi_{25}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
106504	1522	1518	$\frac{2}{759}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{757}{1518}$	$\Phi_{1518}^{2}\ \Phi_{506}^{2}\ \Phi_{138}^{2}\ \Phi_{66}^{2}\ \Phi_{46}^{2}\ \Phi_{22}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
106505	1522	3048	$\frac{1}{254}$	$\frac{255}{1016}$	$\frac{1}{3}$	$\frac{253}{508}$	$\Phi_{3048}\ \Phi_{762}\ \Phi_{381}\ \Phi_{24}\ \Phi_{6}$
106506	1522	1352	$\frac{1}{169}$	$\frac{85}{676}$	$\frac{591}{1352}$	$\frac{84}{169}$	$\Phi_{1352}^{2}\ \Phi_{169}\ \Phi_{104}^{2}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
106507	1522	1014	$\frac{1}{169}$	$\frac{253}{1014}$	$\frac{85}{338}$	$\frac{84}{169}$	$\Phi_{1014}^{2}\ \Phi_{507}^{2}\ \Phi_{169}\ \Phi_{78}^{2}\ \Phi_{39}^{2}\ \Phi_{13}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
106508	1522	1512	$\frac{5}{756}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{751}{1512}$	$\Phi_{1512}^{2}\ \Phi_{504}^{2}\ \Phi_{216}^{2}\ \Phi_{168}^{2}\ \Phi_{72}^{2}\ \Phi_{56}^{2}\ \Phi_{24}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
106509	1522	1512	$\frac{5}{756}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{751}{1512}$	$\Phi_{1512}^{2}\ \Phi_{504}^{2}\ \Phi_{216}^{2}\ \Phi_{168}^{2}\ \Phi_{72}^{2}\ \Phi_{56}^{2}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
106510	1522	1404	$\frac{1}{117}$	$\frac{59}{702}$	$\frac{643}{1404}$	$\frac{58}{117}$	$\Phi_{1404}^{2}\ \Phi_{468}^{2}\ \Phi_{156}^{2}\ \Phi_{117}\ \Phi_{108}^{2}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{36}^{2}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
106511	1522	1053	$\frac{1}{117}$	$\frac{59}{351}$	$\frac{292}{1053}$	$\frac{58}{117}$	$\Phi_{1053}^{2}\ \Phi_{117}\ \Phi_{81}^{2}\ \Phi_{39}\ \Phi_{13}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
106512	1522	936	$\frac{1}{117}$	$\frac{175}{936}$	$\frac{59}{234}$	$\frac{58}{117}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{312}^{2}\ \Phi_{156}^{2}\ \Phi_{117}\ \Phi_{104}^{2}\ \Phi_{72}^{2}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
106513	1522	1508	$\frac{7}{754}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{747}{1508}$	$\Phi_{1508}^{2}\ \Phi_{116}^{2}\ \Phi_{52}^{2}\ \Phi_{13}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
106514	1522	1485	$\frac{37}{1485}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{724}{1485}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}^{2}\ \Phi_{33}\ \Phi_{27}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
106515	1522	1482	$\frac{1}{39}$	$\frac{20}{741}$	$\frac{721}{1482}$	$\frac{19}{39}$	$\Phi_{1482}^{2}\ \Phi_{494}^{2}\ \Phi_{114}^{2}\ \Phi_{78}^{2}\ \Phi_{39}\ \Phi_{38}^{2}\ \Phi_{26}^{2}\ \Phi_{13}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
106516	1522	918	$\frac{4}{153}$	$\frac{1}{9}$	$\frac{157}{918}$	$\frac{149}{306}$	$\Phi_{918}^{2}\ \Phi_{459}^{2}\ \Phi_{153}^{2}\ \Phi_{54}^{2}\ \Phi_{51}^{2}\ \Phi_{27}^{2}\ \Phi_{17}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
106517	1522	1440	$\frac{41}{720}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{679}{1440}$	$\Phi_{1440}^{2}\ \Phi_{480}^{2}\ \Phi_{288}^{2}\ \Phi_{160}^{2}\ \Phi_{96}^{2}\ \Phi_{45}^{2}\ \Phi_{32}^{2}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
106518	1522	1131	$\frac{7}{377}$	$\frac{1}{13}$	$\frac{370}{1131}$	$\frac{6}{13}$	$\Phi_{1131}^{2}\ \Phi_{87}^{2}\ \Phi_{39}^{2}\ \Phi_{13}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
106519	1522	780	$\frac{19}{780}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}^{2}\ \Phi_{156}^{2}\ \Phi_{130}^{2}\ \Phi_{78}^{2}\ \Phi_{65}^{2}\ \Phi_{60}^{2}\ \Phi_{52}^{2}\ \Phi_{39}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
106520	1522	1404	$\frac{1}{39}$	$\frac{59}{702}$	$\frac{19}{78}$	$\frac{643}{1404}$	$\Phi_{1404}^{2}\ \Phi_{468}^{2}\ \Phi_{156}^{2}\ \Phi_{108}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{36}^{2}\ \Phi_{26}^{2}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
106521	1522	810	$\frac{49}{810}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{90}$	$\Phi_{810}^{2}\ \Phi_{405}^{2}\ \Phi_{270}^{2}\ \Phi_{162}^{2}\ \Phi_{135}^{2}\ \Phi_{81}^{2}\ \Phi_{54}^{2}\ \Phi_{45}^{2}\ \Phi_{27}^{2}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
106522	1522	1377	$\frac{8}{153}$	$\frac{145}{1377}$	$\frac{1}{9}$	$\frac{616}{1377}$	$\Phi_{1377}\ \Phi_{459}\ \Phi_{153}^{2}\ \Phi_{81}\ \Phi_{51}^{2}\ \Phi_{27}\ \Phi_{17}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
106523	1522	1134	$\frac{5}{378}$	$\frac{1}{9}$	$\frac{373}{1134}$	$\frac{4}{9}$	$\Phi_{1134}^{2}\ \Phi_{567}^{2}\ \Phi_{162}^{2}\ \Phi_{81}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
106524	1522	774	$\frac{13}{774}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{774}^{2}\ \Phi_{387}^{2}\ \Phi_{258}^{2}\ \Phi_{129}^{2}\ \Phi_{86}^{2}\ \Phi_{43}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
106525	1522	1008	$\frac{5}{252}$	$\frac{1}{9}$	$\frac{247}{1008}$	$\frac{4}{9}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{144}^{2}\ \Phi_{112}^{2}\ \Phi_{72}^{2}\ \Phi_{56}^{2}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
106526	1522	945	$\frac{5}{189}$	$\frac{1}{9}$	$\frac{184}{945}$	$\frac{4}{9}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{135}^{2}\ \Phi_{105}^{2}\ \Phi_{45}^{2}\ \Phi_{35}^{2}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
106527	1522	783	$\frac{22}{783}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{783}^{2}\ \Phi_{261}^{2}\ \Phi_{87}^{2}\ \Phi_{29}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
106528	1522	792	$\frac{31}{792}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{99}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
106529	1522	882	$\frac{5}{126}$	$\frac{1}{9}$	$\frac{121}{882}$	$\frac{4}{9}$	$\Phi_{882}^{2}\ \Phi_{441}^{2}\ \Phi_{294}^{2}\ \Phi_{147}^{2}\ \Phi_{98}^{2}\ \Phi_{49}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
106530	1522	864	$\frac{5}{108}$	$\frac{1}{9}$	$\frac{103}{864}$	$\frac{4}{9}$	$\Phi_{864}^{2}\ \Phi_{432}^{2}\ \Phi_{288}^{2}\ \Phi_{216}^{2}\ \Phi_{144}^{2}\ \Phi_{96}^{2}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{32}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
106531	1522	810	$\frac{49}{810}$	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{810}^{2}\ \Phi_{405}^{2}\ \Phi_{270}^{2}\ \Phi_{162}^{2}\ \Phi_{135}^{2}\ \Phi_{90}^{2}\ \Phi_{81}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
106532	1522	819	$\frac{58}{819}$	$\frac{5}{63}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{819}^{2}\ \Phi_{273}^{2}\ \Phi_{117}^{2}\ \Phi_{91}^{2}\ \Phi_{39}^{2}\ \Phi_{13}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
106533	1522	1365	$\frac{1}{39}$	$\frac{157}{1365}$	$\frac{38}{195}$	$\frac{604}{1365}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}^{2}\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}^{2}\ \Phi_{39}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{13}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
106534	1522	936	$\frac{1}{39}$	$\frac{19}{156}$	$\frac{175}{936}$	$\frac{137}{312}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{234}^{2}\ \Phi_{156}^{2}\ \Phi_{117}^{2}\ \Phi_{78}^{2}\ \Phi_{72}^{2}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{36}^{2}\ \Phi_{26}^{2}\ \Phi_{18}^{2}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
106535	1522	768	$\frac{7}{768}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
106536	1522	3810	$\frac{1}{127}$	$\frac{126}{635}$	$\frac{1}{3}$	$\frac{509}{1270}$	$\Phi_{3810}\ \Phi_{762}\ \Phi_{381}\ \Phi_{30}\ \Phi_6$
106537	1522	1248	$\frac{1}{39}$	$\frac{19}{156}$	$\frac{137}{624}$	$\frac{487}{1248}$	$\Phi_{1248}^2\ \Phi_{416}^2\ \Phi_{156}^2\ \Phi_{96}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{32}^2\ \Phi_{26}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
106538	1522	1224	$\frac{4}{153}$	$\frac{1}{9}$	$\frac{149}{612}$	$\frac{463}{1224}$	$\Phi_{1224}^2\ \Phi_{408}^2\ \Phi_{153}^2\ \Phi_{136}^2\ \Phi_{72}^2\ \Phi_{51}^2\ \Phi_{24}^2\ \Phi_{17}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
106539	1522	1170	$\frac{1}{39}$	$\frac{19}{195}$	$\frac{176}{585}$	$\frac{409}{1170}$	$\Phi_{1170}^2\ \Phi_{390}^2\ \Phi_{234}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{90}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
106540	1522	1143	$\frac{2}{381}$	$\frac{379}{1143}$	$\frac{1}{3}$	$\frac{382}{1143}$	$\Phi_{1143}\ \Phi_{381}^2\ \Phi_{127}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
106541	1522	828	$\frac{2}{69}$	$\frac{67}{828}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}^2\ \Phi_{207}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
106542	1522	792	$\frac{31}{792}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
106543	1522	1134	$\frac{5}{378}$	$\frac{1}{6}$	$\frac{373}{1134}$	$\frac{1}{3}$	$\Phi_{1134}^2\ \Phi_{567}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
106544	1522	774	$\frac{13}{774}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{774}^2\ \Phi_{387}^2\ \Phi_{258}^2\ \Phi_{129}^2\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
106545	1522	1008	$\frac{5}{252}$	$\frac{1}{6}$	$\frac{247}{1008}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
106546	1522	792	$\frac{31}{792}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
106547	1522	882	$\frac{5}{126}$	$\frac{121}{882}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{294}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
106548	1522	864	$\frac{5}{108}$	$\frac{103}{864}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
106549	1522	798	$\frac{37}{798}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
106550	1522	840	$\frac{5}{84}$	$\frac{79}{840}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
106551	1522	810	$\frac{49}{810}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{81}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
106552	1522	918	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{157}{918}$	$\frac{145}{459}$	$\Phi_{918}^2\ \Phi_{459}\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{54}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{17}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
106553	1522	1080	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{360}$	$\frac{319}{1080}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
106554	1522	810	$\frac{49}{810}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{135}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}\ \Phi_{90}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
106555	1522	936	$\frac{1}{39}$	$\frac{175}{936}$	$\frac{19}{78}$	$\frac{59}{234}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
106556	1522	990	$\frac{37}{495}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{229}{990}$	$\Phi_{990}^2\ \Phi_{495}\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{99}\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
106557	1522	900	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{139}{900}$	$\frac{41}{180}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
106558	1524	2280	$\frac{1}{380}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{379}{760}$	$\Phi_{2280}\ \Phi_{760}^2\ \Phi_{456}\ \Phi_{152}^2\ \Phi_{120}\ \Phi_{40}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
106559	1524	1265	$\frac{1}{253}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{126}{253}$	$\Phi_{1265}\ \Phi_{253}^2\ \Phi_{115}\ \Phi_{55}\ \Phi_{23}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
106560	1524	3036	$\frac{1}{253}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{126}{253}$	$\Phi_{3036}\ \Phi_{1518}\ \Phi_{276}\ \Phi_{138}\ \Phi_{132}\ \Phi_{66}\ \Phi_{12}^2\ \Phi_6^2$
106561	1524	1523	$\frac{7}{1523}$	$\frac{255}{1523}$	$\frac{634}{1523}$	$\frac{758}{1523}$	$\Phi_{1523}\ \Phi_1^2$
106562	1524	2036	$\frac{3}{509}$	$\frac{1}{4}$	$\frac{128}{509}$	$\frac{253}{509}$	$\Phi_{2036}\ \Phi_{1018}$
106563	1524	1523	$\frac{9}{1523}$	$\frac{380}{1523}$	$\frac{383}{1523}$	$\frac{757}{1523}$	$\Phi_{1523}\ \Phi_1^2$
106564	1524	2289	$\frac{5}{763}$	$\frac{128}{763}$	$\frac{1}{3}$	$\frac{379}{763}$	$\Phi_{2289}\ \Phi_{327}\ \Phi_{21}$
106565	1524	2772	$\frac{1}{126}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{125}{252}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}^2\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
106566	1524	252	$\frac{1}{126}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{125}{252}$	$\Phi_{252}^{12}\ \Phi_{84}^{12}\ \Phi_{36}^{12}\ \Phi_{28}^{12}\ \Phi_{21}\ \Phi_{12}^{12}\ \Phi_{4}^{12}$
106567	1524	2772	$\frac{1}{126}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{125}{252}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}^{2}\ \Phi_{132}\ \Phi_{84}^{2}\ \Phi_{44}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
106568	1524	1260	$\frac{1}{126}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{125}{252}$	$\Phi_{1260}\ \Phi_{630}^{2}\ \Phi_{420}\ \Phi_{315}^{2}\ \Phi_{210}^{2}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}^{2}\ \Phi_{90}^{2}\ \Phi_{70}^{2}\ \Phi_{60}\ \Phi_{45}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
106569	1524	1308	$\frac{1}{109}$	$\frac{55}{436}$	$\frac{1}{3}$	$\frac{54}{109}$	$\Phi_{1308}^{2}\ \Phi_{654}^{2}\ \Phi_{327}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
106570	1524	1190	$\frac{1}{85}$	$\frac{1}{7}$	$\frac{43}{170}$	$\frac{42}{85}$	$\Phi_{1190}^{2}\ \Phi_{595}\ \Phi_{238}^{2}\ \Phi_{119}\ \Phi_{70}^{2}\ \Phi_{35}\ \Phi_{14}^{2}$
106571	1524	1750	$\frac{2}{125}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{123}{250}$	$\Phi_{1750}^{2}\ \Phi_{350}^{2}\ \Phi_{70}^{2}\ \Phi_{35}\ \Phi_{14}^{2}$
106572	1524	1071	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{26}{153}$	$\frac{25}{51}$	$\Phi_{1071}^{2}\ \Phi_{357}\ \Phi_{119}\ \Phi_{63}^{2}\ \Phi_{21}$
106573	1524	3224	$\frac{3}{124}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{121}{248}$	$\Phi_{3224}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
106574	1524	1680	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{113}{240}$	$\Phi_{1680}^{2}\ \Phi_{560}^{2}\ \Phi_{336}^{2}\ \Phi_{112}^{2}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
106575	1524	3120	$\frac{7}{120}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{113}{240}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
106576	1524	952	$\frac{1}{17}$	$\frac{9}{136}$	$\frac{1}{7}$	$\frac{8}{17}$	$\Phi_{952}^{2}\ \Phi_{476}^{2}\ \Phi_{238}^{2}\ \Phi_{119}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
106577	1524	945	$\frac{8}{135}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{105}\ \Phi_{63}^{2}\ \Phi_{35}\ \Phi_{21}$
106578	1524	238	$\frac{1}{17}$	$\frac{8}{119}$	$\frac{1}{7}$	$\frac{111}{238}$	$\Phi_{238}^{12}\ \Phi_{119}\ \Phi_{34}^{12}\ \Phi_{14}^{12}\ \Phi_{2}^{12}$
106579	1524	1419	$\frac{2}{129}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1419}\ \Phi_{473}\ \Phi_{129}^{2}\ \Phi_{43}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
106580	1524	2079	$\frac{1}{63}$	$\frac{1}{11}$	$\frac{62}{189}$	$\frac{5}{11}$	$\Phi_{2079}\ \Phi_{297}\ \Phi_{189}^{2}\ \Phi_{27}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
106581	1524	1848	$\frac{1}{42}$	$\frac{1}{11}$	$\frac{41}{168}$	$\frac{5}{11}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{168}^{2}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}^{2}\ \Phi_{56}^{2}\ \Phi_{44}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
106582	1524	132	$\frac{5}{132}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{132}^{12}\ \Phi_{66}^{11}\ \Phi_{44}^{12}\ \Phi_{33}^{11}\ \Phi_{22}^{11}\ \Phi_{12}^{12}\ \Phi_{11}^{12}\ \Phi_{6}^{10}\ \Phi_{4}^{12}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
106583	1524	1463	$\frac{6}{133}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{133}^{2}\ \Phi_{19}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
106584	1524	1617	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{20}{147}$	$\frac{5}{11}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{147}^{2}\ \Phi_{49}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
106585	1524	1584	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{17}{144}$	$\frac{5}{11}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}^{2}\ \Phi_{132}\ \Phi_{88}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{44}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
106586	1524	1485	$\frac{8}{135}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{11}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}^{2}\ \Phi_{55}\ \Phi_{45}^{2}\ \Phi_{27}^{2}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
106587	1524	1540	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{140}$	$\frac{5}{11}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}^{2}\ \Phi_{110}\ \Phi_{70}^{2}\ \Phi_{55}\ \Phi_{44}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
106588	1524	2912	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{15}{112}$	$\frac{97}{224}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
106589	1524	1155	$\frac{4}{385}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1155}^{2}\ \Phi_{231}^{2}\ \Phi_{165}^{2}\ \Phi_{105}^{2}\ \Phi_{33}^{2}\ \Phi_{21}\ \Phi_{15}^{2}$
106590	1524	654	$\frac{1}{109}$	$\frac{18}{109}$	$\frac{1}{3}$	$\frac{91}{218}$	$\Phi_{654}^{6}\ \Phi_{327}\ \Phi_{6}^{6}$
106591	1524	1920	$\frac{1}{128}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}^{2}\ \Phi_{240}\ \Phi_{192}^{2}\ \Phi_{120}\ \Phi_{96}^{2}\ \Phi_{60}\ \Phi_{48}^{2}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
106592	1524	910	$\frac{3}{130}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{910}^{2}\ \Phi_{455}^{2}\ \Phi_{182}^{2}\ \Phi_{91}^{2}\ \Phi_{70}^{2}\ \Phi_{35}\ \Phi_{14}^{2}$
106593	1524	660	$\frac{5}{132}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{2}\ \Phi_{165}^{2}\ \Phi_{132}^{4}\ \Phi_{110}^{2}\ \Phi_{66}^{4}\ \Phi_{60}^{2}\ \Phi_{55}\ \Phi_{44}^{4}\ \Phi_{33}^{4}\ \Phi_{30}^{2}\ \Phi_{22}^{4}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{4}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
106594	1524	690	$\frac{1}{23}$	$\frac{11}{138}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{690}^{2}\ \Phi_{345}^{2}\ \Phi_{230}^{2}\ \Phi_{138}^{4}\ \Phi_{115}\ \Phi_{69}^{4}\ \Phi_{46}^{4}\ \Phi_{30}^{2}\ \Phi_{23}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
106595	1524	1664	$\frac{1}{128}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
106596	1524	1428	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{25}{102}$	$\frac{77}{204}$	$\Phi_{1428}^{2}\ \Phi_{476}^{2}\ \Phi_{357}\ \Phi_{119}\ \Phi_{84}^{2}\ \Phi_{28}^{2}\ \Phi_{21}$
106597	1524	2496	$\frac{1}{32}$	$\frac{1}{13}$	$\frac{31}{96}$	$\frac{65}{192}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
106598	1524	1523	$\frac{8}{1523}$	$\frac{505}{1523}$	$\frac{507}{1523}$	$\frac{509}{1523}$	$\Phi_{1523}\ \Phi_{1}^{2}$
106599	1524	2289	$\frac{4}{763}$	$\frac{253}{763}$	$\frac{1}{3}$	$\frac{255}{763}$	$\Phi_{2289}\ \Phi_{327}\ \Phi_{21}$
106600	1524	570	$\frac{1}{190}$	$\frac{63}{190}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{570}^{2}\ \Phi_{285}^{2}\ \Phi_{190}^{4}\ \Phi_{114}^{2}\ \Phi_{95}^{4}\ \Phi_{57}^{2}\ \Phi_{38}^{4}\ \Phi_{30}^{2}\ \Phi_{19}^{4}\ \Phi_{15}^{2}\ \Phi_{10}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
106601	1524	384	$\frac{1}{128}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{384}^{3}\ \Phi_{192}^{3}\ \Phi_{128}^{6}\ \Phi_{96}^{3}\ \Phi_{64}^{6}\ \Phi_{48}^{3}\ \Phi_{32}^{6}\ \Phi_{24}^{3}\ \Phi_{16}^{6}\ \Phi_{12}^{2}\ \Phi_{8}^{6}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
106602	1524	1155	$\frac{4}{385}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}^{2}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}^{2}\ \Phi_{55}^{2}\ \Phi_{35}^{2}\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
106603	1524	1425	$\frac{1}{95}$	$\frac{94}{475}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1425}\ \Phi_{475}^{2}\ \Phi_{75}\ \Phi_{25}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
106604	1524	456	$\frac{1}{76}$	$\frac{25}{152}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{456}^{3}\ \Phi_{228}^{2}\ \Phi_{152}^{6}\ \Phi_{114}^{2}\ \Phi_{76}^{4}\ \Phi_{57}^{2}\ \Phi_{38}^{4}\ \Phi_{24}^{3}\ \Phi_{19}^{4}\ \Phi_{12}^{2}\ \Phi_{8}^{6}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
106605	1524	903	$\frac{2}{129}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{903}^{2}\ \Phi_{301}^{2}\ \Phi_{21}$
106606	1524	390	$\frac{3}{130}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{390}^{3}\ \Phi_{195}^{3}\ \Phi_{130}^{6}\ \Phi_{78}^{3}\ \Phi_{65}^{6}\ \Phi_{39}^{3}\ \Phi_{30}^{2}\ \Phi_{26}^{6}\ \Phi_{15}^{2}\ \Phi_{13}^{6}\ \Phi_{10}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
106607	1524	1254	$\frac{1}{38}$	$\frac{37}{418}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}^{2}\ \Phi_{209}^{2}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
106608	1524	399	$\frac{6}{133}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{399}^{3}\ \Phi_{133}^{6}\ \Phi_{57}^{2}\ \Phi_{21}^{3}\ \Phi_{19}^{4}\ \Phi_{7}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
106609	1524	1200	$\frac{19}{400}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}^{2}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}^{2}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}^{2}\ \Phi_{80}^{2}\ \Phi_{75}\ \Phi_{50}^{2}\ \Phi_{48}\ \Phi_{40}^{2}\ \Phi_{25}^{2}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
106610	1524	327	$\frac{1}{109}$	$\frac{73}{327}$	$\frac{36}{109}$	$\frac{1}{3}$	$\Phi_{327}^{4}\ \Phi_{109}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
106611	1524	189	$\frac{1}{63}$	$\frac{1}{7}$	$\frac{62}{189}$	$\frac{1}{3}$	$\Phi_{189}^{12}\ \Phi_{27}^{12}\ \Phi_{21}$
106612	1524	777	$\frac{5}{259}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{777}^{3}\ \Phi_{111}^{3}\ \Phi_{21}$
106613	1524	1419	$\frac{2}{129}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{1419}\ \Phi_{473}\ \Phi_{129}^{2}\ \Phi_{43}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
106614	1524	2580	$\frac{2}{129}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{860}\ \Phi_{430}\ \Phi_{20}\ \Phi_{10}$
106615	1524	132	$\frac{5}{132}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^{11}\ \Phi_{66}^{11}\ \Phi_{44}^{12}\ \Phi_{33}^{12}\ \Phi_{22}^{12}\ \Phi_{12}^{12}\ \Phi_{11}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
106616	1524	276	$\frac{1}{23}$	$\frac{11}{138}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{276}^{7}\ \Phi_{138}^{3}\ \Phi_{92}^{8}\ \Phi_{69}^{4}\ \Phi_{46}^{4}\ \Phi_{23}^{4}\ \Phi_{12}^{8}\ \Phi_{6}^{4}\ \Phi_{4}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
106617	1524	168	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{41}{168}$	$\frac{1}{3}$	$\Phi_{168}^{12}\ \Phi_{84}^{12}\ \Phi_{56}^{12}\ \Phi_{28}^{12}\ \Phi_{24}^{12}\ \Phi_{21}\ \Phi_{12}^{12}\ \Phi_{8}^{12}\ \Phi_{4}^{12}$
106618	1524	1827	$\frac{7}{261}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{203}\ \Phi_{21}$
106619	1524	1176	$\frac{11}{392}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{1176}^{2}\ \Phi_{588}^{2}\ \Phi_{294}^{2}\ \Phi_{168}^{2}\ \Phi_{147}^{2}\ \Phi_{84}^{2}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{12}^{2}$
106620	1524	315	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{61}{315}$	$\frac{1}{3}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{45}^{6}\ \Phi_{35}^{6}\ \Phi_{21}\ \Phi_{15}^{6}\ \Phi_{5}^{6}$
106621	1524	924	$\frac{5}{132}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{231}^{2}\ \Phi_{154}^{2}\ \Phi_{84}^{2}\ \Phi_{77}^{2}\ \Phi_{28}^{2}\ \Phi_{21}$
106622	1524	399	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{399}^{6}\ \Phi_{57}^{6}\ \Phi_{21}$
106623	1524	147	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{147}^{12}\ \Phi_{49}^{12}\ \Phi_{21}$
106624	1524	1008	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{252}^{2}\ \Phi_{168}^{2}\ \Phi_{112}^{2}\ \Phi_{84}^{2}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{21}$
106625	1524	945	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{105}^{2}\ \Phi_{35}^{2}\ \Phi_{21}$
106626	1524	273	$\frac{19}{273}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{273}^{6}\ \Phi_{91}^{6}\ \Phi_{39}^{6}\ \Phi_{21}\ \Phi_{13}^{6}$
106627	1524	420	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{105}^{6}\ \Phi_{84}^{6}\ \Phi_{60}^{6}\ \Phi_{30}^{6}\ \Phi_{21}\ \Phi_{15}^{6}\ \Phi_{12}^{6}$
106628	1524	2079	$\frac{1}{63}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{62}{189}$	$\Phi_{2079}\ \Phi_{297}\ \Phi_{189}^{2}\ \Phi_{27}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
106629	1524	3780	$\frac{1}{63}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{62}{189}$	$\Phi_{3780}\ \Phi_{1890}\ \Phi_{540}\ \Phi_{270}\ \Phi_{20}\ \Phi_{10}$
106630	1524	2625	$\frac{4}{125}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{121}{375}$	$\Phi_{2625}\ \Phi_{525}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
106631	1524	1260	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{7}$	$\frac{53}{180}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{252}^{2}\ \Phi_{126}^{2}\ \Phi_{105}\ \Phi_{63}^{2}\ \Phi_{35}\ \Phi_{21}$
106632	1524	1872	$\frac{1}{13}$	$\frac{17}{144}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{117}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
106633	1524	357	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{1}{7}$	$\frac{103}{357}$	$\Phi_{357}^{6}\ \Phi_{119}\ \Phi_{51}^{6}\ \Phi_{21}^{6}\ \Phi_{3}^{6}$
106634	1524	1848	$\frac{1}{42}$	$\frac{2}{11}$	$\frac{41}{168}$	$\frac{3}{11}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{168}^{2}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}^{2}\ \Phi_{56}^{2}\ \Phi_{44}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
106635	1524	132	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{132}^{12}\ \Phi_{66}^{11}\ \Phi_{44}^{12}\ \Phi_{33}^{11}\ \Phi_{22}^{11}\ \Phi_{12}^{12}\ \Phi_{11}^{12}\ \Phi_{6}^{10}\ \Phi_{4}^{12}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
106636	1524	1463	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{133}^{2}\ \Phi_{19}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
106637	1524	1617	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{147}^2\ \Phi_{49}^2\ \Phi_{11}\ \Phi_1^2$
106638	1524	1584	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}^2\ \Phi_{132}\ \Phi_{88}\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
106639	1524	1485	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}^2\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_5^2\ \Phi_1^2$
106640	1524	1540	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}^2\ \Phi_{110}\ \Phi_{70}^2\ \Phi_{55}\ \Phi_{44}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
106641	1524	840	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{41}{168}$	$\frac{1}{4}$	$\Phi_{840}^3\ \Phi_{420}\ \Phi_{280}^3\ \Phi_{210}^2\ \Phi_{140}\ \Phi_{120}^3\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
106642	1524	660	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}^3\ \Phi_{110}^3\ \Phi_{60}\ \Phi_{55}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
106643	1524	2660	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{380}\ \Phi_{190}\ \Phi_{20}\ \Phi_{10}$
106644	1524	2940	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{980}\ \Phi_{490}\ \Phi_{20}\ \Phi_{10}$
106645	1524	720	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}\ \Phi_{120}^3\ \Phi_{90}^2\ \Phi_{80}^3\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
106646	1524	540	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^3\ \Phi_{108}^4\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
106647	1524	140	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^{10}\ \Phi_{70}^{11}\ \Phi_{35}^{11}\ \Phi_{28}^{12}\ \Phi_{20}^{11}\ \Phi_{14}^{12}\ \Phi_{10}^{12}\ \Phi_7^{12}\ \Phi_5^{11}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
106648	1524	1050	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{23}{150}$	$\frac{7}{30}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
106649	1524	2080	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{160}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
106650	1524	1925	$\frac{21}{275}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1925}\ \Phi_{385}\ \Phi_{77}\ \Phi_{35}$
106651	1524	1050	$\frac{2}{25}$	$\frac{1}{7}$	$\frac{23}{150}$	$\frac{1}{5}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{14}^2$
106652	1525	608	$\frac{1}{304}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{303}{608}$	$\Phi_{608}^5\ \Phi_{32}^5\ \Phi_8\ \Phi_1$
106653	1525	606	$\frac{2}{303}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{301}{606}$	$\Phi_{606}^2\ \Phi_{303}^3\ \Phi_{202}^2\ \Phi_{101}^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
106654	1525	3024	$\frac{13}{1512}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1499}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
106655	1525	3024	$\frac{13}{1512}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1499}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{48}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
106656	1525	408	$\frac{1}{102}$	$\frac{1}{6}$	$\frac{103}{408}$	$\frac{101}{204}$	$\Phi_{408}^5\ \Phi_{136}^5\ \Phi_{102}^5\ \Phi_{51}^5\ \Phi_{34}^5\ \Phi_{24}^5\ \Phi_{17}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
106657	1525	1836	$\frac{5}{306}$	$\frac{1}{6}$	$\frac{311}{1836}$	$\frac{301}{612}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{459}\ \Phi_{306}\ \Phi_{153}\ \Phi_{108}\ \Phi_{102}\ \Phi_{54}\ \Phi_{51}\ \Phi_{34}\ \Phi_{27}\ \Phi_{18}\ \Phi_{17}\ \Phi_9\ \Phi_1$
106658	1525	240	$\frac{1}{60}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{59}{120}$	$\Phi_{240}^{12}\ \Phi_{120}\ \Phi_{80}^{12}\ \Phi_{48}^{13}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}^{13}\ \Phi_8\ \Phi_1$
106659	1525	1080	$\frac{1}{60}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{59}{120}$	$\Phi_{1080}^3\ \Phi_{360}^3\ \Phi_{216}^3\ \Phi_{120}\ \Phi_{72}^3\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
106660	1525	360	$\frac{1}{60}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{59}{120}$	$\Phi_{360}^{12}\ \Phi_{120}\ \Phi_{72}^{12}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
106661	1525	840	$\frac{1}{60}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{59}{120}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{168}^4\ \Phi_{120}\ \Phi_{56}^4\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
106662	1525	480	$\frac{1}{60}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{59}{120}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{48}^4\ \Phi_{40}\ \Phi_{32}^5\ \Phi_{24}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
106663	1525	120	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{59}{120}$	$\Phi_{120}^{25}\ \Phi_{40}^{25}\ \Phi_{24}^{25}\ \Phi_8^{25}\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
106664	1525	2976	$\frac{37}{1488}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1451}{2976}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
106665	1525	594	$\frac{8}{297}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{289}{594}$	$\Phi_{594}^2\ \Phi_{297}^3\ \Phi_{198}^2\ \Phi_{99}^3\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{33}^3\ \Phi_{27}^3\ \Phi_{22}^2\ \Phi_{18}^5\ \Phi_{11}^3\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
106666	1525	204	$\frac{1}{34}$	$\frac{7}{68}$	$\frac{1}{6}$	$\frac{33}{68}$	$\Phi_{204}^8\ \Phi_{102}^{10}\ \Phi_{68}^4\ \Phi_{51}^{10}\ \Phi_{34}^5\ \Phi_{17}^5\ \Phi_{12}^8\ \Phi_6^9\ \Phi_4^4\ \Phi_3^9\ \Phi_2^4\ \Phi_1^5$
106667	1525	1008	$\frac{2}{63}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{1008}^3\ \Phi_{336}^3\ \Phi_{144}^3\ \Phi_{112}^3\ \Phi_{63}\ \Phi_{48}\ \Phi_{21}\ \Phi_{16}\ \Phi_9\ \Phi_7\ \Phi_1$
106668	1525	720	$\frac{1}{30}$	$\frac{1}{24}$	$\frac{29}{90}$	$\frac{23}{48}$	$\Phi_{720}^6\ \Phi_{144}^6\ \Phi_{90}\ \Phi_{48}\ \Phi_{45}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
106669	1525	192	$\frac{1}{24}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{192}^8\ \Phi_{96}^8\ \Phi_{64}^9\ \Phi_{48}^5\ \Phi_{32}^9\ \Phi_{24}^8\ \Phi_{16}^6\ \Phi_{12}^8\ \Phi_8^9\ \Phi_6^8\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
106670	1525	240	$\frac{1}{24}$	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{23}{48}$	$\Phi_{240}^4\ \Phi_{120}^8\ \Phi_{80}^5\ \Phi_{60}^8\ \Phi_{48}^5\ \Phi_{40}^9\ \Phi_{30}^8\ \Phi_{24}^8\ \Phi_{20}^8\ \Phi_{16}^6\ \Phi_{15}^8\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_8^9\ \Phi_6^8\ \Phi_5^8\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
106671	1525	3120	$\frac{1}{24}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{208}\ \Phi_{65}\ \Phi_{48}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
106672	1525	1200	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{23}{48}$	$\Phi_{1200}^3\ \Phi_{400}^3\ \Phi_{75}\ \Phi_{48}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
106673	1525	528	$\frac{1}{24}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{23}{48}$	$\Phi_{528}^6\ \Phi_{176}^6\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
106674	1525	144	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{23}{48}$	$\Phi_{144}^{24}\ \Phi_{72}\ \Phi_{48}^{13}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}^{13}\ \Phi_9\ \Phi_8\ \Phi_1$
106675	1525	1680	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{23}{48}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{112}^2\ \Phi_{70}\ \Phi_{48}\ \Phi_{35}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
106676	1525	1632	$\frac{5}{102}$	$\frac{107}{1632}$	$\frac{1}{6}$	$\frac{97}{204}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{136}\ \Phi_{102}\ \Phi_{96}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{32}\ \Phi_{24}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_1$
106677	1525	1734	$\frac{16}{289}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{273}{578}$	$\Phi_{1734}\ \Phi_{867}\ \Phi_{289}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{17}\ \Phi_6\ \Phi_3\ \Phi_1$
106678	1525	324	$\frac{1}{18}$	$\frac{19}{324}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{324}^5\ \Phi_{162}^5\ \Phi_{108}^5\ \Phi_{81}^5\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
106679	1525	576	$\frac{1}{18}$	$\frac{17}{288}$	$\frac{1}{6}$	$\frac{271}{576}$	$\Phi_{576}^5\ \Phi_{192}^5\ \Phi_{64}^5\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
106680	1525	576	$\frac{17}{288}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{271}{576}$	$\Phi_{576}^5\ \Phi_{192}^5\ \Phi_{96}\ \Phi_{64}^5\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
106681	1525	2856	$\frac{5}{102}$	$\frac{97}{1428}$	$\frac{1}{6}$	$\frac{1331}{2856}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{168}\ \Phi_{136}\ \Phi_{102}\ \Phi_{56}\ \Phi_{51}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_8\ \Phi_1$
106682	1525	2016	$\frac{13}{504}$	$\frac{1}{12}$	$\frac{491}{2016}$	$\frac{11}{24}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
106683	1525	1584	$\frac{59}{1584}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
106684	1525	1728	$\frac{13}{216}$	$\frac{1}{12}$	$\frac{203}{1728}$	$\frac{11}{24}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
106685	1525	336	$\frac{13}{168}$	$\frac{1}{12}$	$\frac{31}{336}$	$\frac{11}{24}$	$\Phi_{336}^5\ \Phi_{168}^4\ \Phi_{112}^5\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{48}^5\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^5\ \Phi_{21}^4\ \Phi_{16}^5\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_8^5\ \Phi_7^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
106686	1525	1632	$\frac{1}{34}$	$\frac{33}{272}$	$\frac{1}{6}$	$\frac{239}{544}$	$\Phi_{1632}^2\ \Phi_{544}\ \Phi_{102}^2\ \Phi_{96}^2\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_6\ \Phi_3\ \Phi_1$
106687	1525	2688	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{181}{1344}$	$\frac{1163}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
106688	1525	312	$\frac{7}{312}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{312}^5\ \Phi_{156}^5\ \Phi_{104}^5\ \Phi_{78}^5\ \Phi_{52}^5\ \Phi_{39}^5\ \Phi_{26}^5\ \Phi_{24}^5\ \Phi_{13}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
106689	1525	132	$\frac{7}{132}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{132}^{11}\ \Phi_{66}^{12}\ \Phi_{44}^{11}\ \Phi_{33}^{12}\ \Phi_{22}^{12}\ \Phi_{12}^{12}\ \Phi_{11}^{12}\ \Phi_6^{12}\ \Phi_4^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
106690	1525	102	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{10}{51}$	$\frac{41}{102}$	$\Phi_{102}^{13}\ \Phi_{51}^{17}\ \Phi_{34}^{13}\ \Phi_{17}^{17}\ \Phi_6^{12}\ \Phi_3^{16}\ \Phi_2^{12}\ \Phi_1^{17}$
106691	1525	381	$\frac{2}{127}$	$\frac{25}{127}$	$\frac{76}{381}$	$\frac{51}{127}$	$\Phi_{381}^5\ \Phi_{127}^2\ \Phi_3^5\ \Phi_1^3$
106692	1525	508	$\frac{2}{127}$	$\frac{25}{127}$	$\frac{51}{254}$	$\frac{203}{508}$	$\Phi_{508}^5\ \Phi_{127}^2\ \Phi_4^5\ \Phi_1^3$
106693	1525	2448	$\frac{5}{306}$	$\frac{1}{6}$	$\frac{301}{1224}$	$\frac{923}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{306}\ \Phi_{272}\ \Phi_{153}\ \Phi_{144}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{16}\ \Phi_9\ \Phi_1$
106694	1525	456	$\frac{1}{152}$	$\frac{1}{4}$	$\frac{151}{456}$	$\frac{3}{8}$	$\Phi_{456}^5\ \Phi_{228}^5\ \Phi_{114}^5\ \Phi_{57}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
106695	1525	1536	$\frac{11}{1536}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
106696	1525	616	$\frac{3}{308}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}^4\ \Phi_{308}\ \Phi_{154}\ \Phi_{88}^4\ \Phi_{77}\ \Phi_{56}^4\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_8\ \Phi_7\ \Phi_1$
106697	1525	152	$\frac{1}{76}$	$\frac{15}{76}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{152}^{16}\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_8^{17}\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
106698	1525	744	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{744}^4\ \Phi_{248}^2\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{62}\ \Phi_{31}\ \Phi_{24}^2\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
106699	1525	1824	$\frac{5}{304}$	$\frac{299}{1824}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}\ \Phi_{57}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
106700	1525	312	$\frac{7}{312}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^5\ \Phi_{156}^5\ \Phi_{104}^5\ \Phi_{78}^5\ \Phi_{52}^5\ \Phi_{39}^5\ \Phi_{26}^5\ \Phi_{24}^5\ \Phi_{13}^5\ \Phi_{12}^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
106701	1525	1368	$\frac{1}{38}$	$\frac{37}{342}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1368}^2\ \Phi_{456}^2\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{72}^2\ \Phi_{57}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
106702	1525	1672	$\frac{5}{152}$	$\frac{147}{1672}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{418}\ \Phi_{209}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
106703	1525	64	$\frac{3}{64}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{64}^{25}\ \Phi_{32}^{25}\ \Phi_{16}^{20}\ \Phi_8^{21}\ \Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^{21}$
106704	1525	2584	$\frac{1}{19}$	$\frac{18}{323}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2584}\ \Phi_{323}\ \Phi_{136}\ \Phi_{17}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
106705	1525	1548	$\frac{23}{1548}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1548}\ \Phi_{774}\ \Phi_{516}\ \Phi_{387}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}\ \Phi_{43}\ \Phi_{18}\ \Phi_9\ \Phi_1$
106706	1525	2304	$\frac{11}{384}$	$\frac{1}{12}$	$\frac{373}{1152}$	$\frac{779}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
106707	1525	189	$\frac{2}{63}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{189}^9\ \Phi_{63}^7\ \Phi_{27}^7\ \Phi_{21}^7\ \Phi_9^5\ \Phi_7^7\ \Phi_3^6\ \Phi_1^7$
106708	1525	270	$\frac{1}{30}$	$\frac{2}{27}$	$\frac{29}{90}$	$\frac{1}{3}$	$\Phi_{270}^6\ \Phi_{135}^6\ \Phi_{90}^4\ \Phi_{54}^6\ \Phi_{45}^4\ \Phi_{30}^6\ \Phi_{27}^7\ \Phi_{18}^4\ \Phi_{15}^6\ \Phi_{10}^6\ \Phi_9^5\ \Phi_6^6\ \Phi_5^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
106709	1525	252	$\frac{2}{63}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^6\ \Phi_{63}^7\ \Phi_{42}^6\ \Phi_{36}^4\ \Phi_{28}^6\ \Phi_{21}^7\ \Phi_{18}^4\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_9^5\ \Phi_7^7\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
106710	1525	252	$\frac{2}{63}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^5\ \Phi_{63}^7\ \Phi_{42}^5\ \Phi_{36}^6\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_9^7\ \Phi_7^7\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
106711	1525	1728	$\frac{3}{64}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
106712	1525	2160	$\frac{1}{20}$	$\frac{2}{27}$	$\frac{19}{80}$	$\frac{1}{3}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{216}\ \Phi_{144}\ \Phi_{80}\ \Phi_{72}\ \Phi_{40}\ \Phi_{27}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
106713	1525	2016	$\frac{2}{63}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{63}\ \Phi_{32}\ \Phi_{21}\ \Phi_{16}\ \Phi_9\ \Phi_7\ \Phi_1$
106714	1525	1755	$\frac{4}{65}$	$\frac{2}{27}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{117}\ \Phi_{65}\ \Phi_{27}\ \Phi_{13}\ \Phi_9\ \Phi_1$
106715	1525	675	$\frac{1}{15}$	$\frac{2}{27}$	$\frac{14}{75}$	$\frac{1}{3}$	$\Phi_{675}^3\ \Phi_{225}^3\ \Phi_{75}\ \Phi_{27}\ \Phi_{25}\ \Phi_9\ \Phi_1$
106716	1525	126	$\frac{2}{63}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{126}^{12}\ \Phi_{63}^{13}\ \Phi_{42}^{12}\ \Phi_{21}^{13}\ \Phi_{18}^{12}\ \Phi_{14}^{12}\ \Phi_9^{13}\ \Phi_7^{13}\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
106717	1525	594	$\frac{2}{27}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{594}^3\ \Phi_{297}^3\ \Phi_{198}^3\ \Phi_{99}^3\ \Phi_{66}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_9\ \Phi_1$
106718	1525	216	$\frac{2}{27}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{3}$	$\Phi_{216}^9\ \Phi_{108}^6\ \Phi_{72}^7\ \Phi_{54}^6\ \Phi_{36}^4\ \Phi_{27}^7\ \Phi_{24}^7\ \Phi_{18}^4\ \Phi_{12}^6\ \Phi_9^5\ \Phi_8^7\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
106719	1525	135	$\frac{2}{27}$	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{135}^{11}\ \Phi_{45}^{11}\ \Phi_{27}^{12}\ \Phi_{15}^{12}\ \Phi_9^{12}\ \Phi_5^{12}\ \Phi_3^{12}\ \Phi_1^{13}$
106720	1525	1890	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{189}\ \Phi_{126}\ \Phi_{70}\ \Phi_{63}\ \Phi_{35}\ \Phi_{27}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
106721	1525	2268	$\frac{13}{756}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{743}{2268}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{18}\ \Phi_9\ \Phi_1$
106722	1525	180	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{29}{90}$	$\Phi_{180}^6\ \Phi_{90}^7\ \Phi_{60}^{12}\ \Phi_{45}^7\ \Phi_{36}^7\ \Phi_{30}^{12}\ \Phi_{20}^{12}\ \Phi_{18}^8\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_{10}^{12}\ \Phi_9^8\ \Phi_6^{12}\ \Phi_5^{12}\ \Phi_4^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
106723	1525	1260	$\frac{1}{30}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{29}{90}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{90}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
106724	1525	1440	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{29}{90}$	$\Phi_{1440}^2\ \Phi_{720}^2\ \Phi_{288}^2\ \Phi_{144}^2\ \Phi_{90}\ \Phi_{45}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
106725	1525	90	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{29}{90}$	$\Phi_{90}^{25}\ \Phi_{45}^{25}\ \Phi_{18}^{25}\ \Phi_9^{25}\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
106726	1525	576	$\frac{3}{64}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{576}^4\ \Phi_{288}^4\ \Phi_{144}^4\ \Phi_{72}^4\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
106727	1525	720	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{19}{80}$	$\frac{11}{36}$	$\Phi_{720}^4\ \Phi_{360}^4\ \Phi_{144}^4\ \Phi_{80}\ \Phi_{72}^4\ \Phi_{40}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
106728	1525	2340	$\frac{4}{65}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{234}\ \Phi_{117}\ \Phi_{65}\ \Phi_{36}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_1$
106729	1525	900	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{14}{75}$	$\frac{11}{36}$	$\Phi_{900}^3\ \Phi_{450}^3\ \Phi_{225}^3\ \Phi_{75}\ \Phi_{36}\ \Phi_{25}\ \Phi_{18}\ \Phi_9\ \Phi_1$
106730	1525	396	$\frac{5}{66}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{36}$	$\Phi_{396}^6\ \Phi_{198}^6\ \Phi_{99}^6\ \Phi_{66}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
106731	1525	72	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{11}{36}$	$\Phi_{72}^{25}\ \Phi_{36}^{14}\ \Phi_{24}^{25}\ \Phi_{18}^{14}\ \Phi_{12}^{24}\ \Phi_9^{14}\ \Phi_8^{25}\ \Phi_6^{24}\ \Phi_4^{24}\ \Phi_3^{24}\ \Phi_2^{24}\ \Phi_1^{25}$
106732	1525	1260	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{11}{36}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{70}\ \Phi_{63}^2\ \Phi_{36}\ \Phi_{35}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
106733	1525	324	$\frac{19}{324}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{324}^5\ \Phi_{162}^5\ \Phi_{108}^5\ \Phi_{81}^5\ \Phi_{54}^2\ \Phi_{36}^5\ \Phi_{27}^3\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
106734	1525	1728	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{203}{1728}$	$\frac{85}{288}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
106735	1525	432	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{1}{6}$	$\frac{127}{432}$	$\Phi_{432}^5\ \Phi_{216}^5\ \Phi_{108}^5\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
106736	1525	2142	$\frac{5}{102}$	$\frac{97}{714}$	$\frac{1}{6}$	$\frac{617}{2142}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{306}\ \Phi_{153}\ \Phi_{126}\ \Phi_{102}\ \Phi_{63}\ \Phi_{51}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
106737	1525	2016	$\frac{13}{504}$	$\frac{1}{6}$	$\frac{491}{2016}$	$\frac{5}{18}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
106738	1525	1566	$\frac{41}{1566}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{1566}\ \Phi_{783}\ \Phi_{522}\ \Phi_{261}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}\ \Phi_{29}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
106739	1525	378	$\frac{13}{378}$	$\frac{1}{6}$	$\frac{73}{378}$	$\frac{5}{18}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{126}^4\ \Phi_{63}^4\ \Phi_{54}^4\ \Phi_{42}^4\ \Phi_{27}^4\ \Phi_{21}^4\ \Phi_{18}^5\ \Phi_{14}^4\ \Phi_{9}^5\ \Phi_{7}^4\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
106740	1525	1584	$\frac{59}{1584}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{16}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
106741	1525	1764	$\frac{13}{252}$	$\frac{239}{1764}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
106742	1525	324	$\frac{19}{324}$	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{324}^5\ \Phi_{162}^5\ \Phi_{108}^4\ \Phi_{81}^5\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{18}^5\ \Phi_{12}^4\ \Phi_{9}^5\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
106743	1525	1728	$\frac{13}{216}$	$\frac{203}{1728}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
106744	1525	1638	$\frac{113}{1638}$	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{234}\ \Phi_{182}\ \Phi_{117}\ \Phi_{91}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
106745	1525	408	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{33}{136}$	$\frac{103}{408}$	$\Phi_{408}^3\ \Phi_{204}^3\ \Phi_{136}^4\ \Phi_{102}^5\ \Phi_{68}^4\ \Phi_{51}^5\ \Phi_{34}^5\ \Phi_{24}^3\ \Phi_{17}^5\ \Phi_{12}^3\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
106746	1525	448	$\frac{3}{64}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{448}^4\ \Phi_{224}^4\ \Phi_{112}^4\ \Phi_{64}\ \Phi_{56}^4\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
106747	1525	560	$\frac{1}{20}$	$\frac{3}{28}$	$\frac{19}{80}$	$\frac{1}{4}$	$\Phi_{560}^4\ \Phi_{280}^4\ \Phi_{112}^4\ \Phi_{80}\ \Phi_{56}^4\ \Phi_{40}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
106748	1525	64	$\frac{3}{64}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{64}^{25}\ \Phi_{32}^{22}\ \Phi_{16}^{22}\ \Phi_{8}^{25}\ \Phi_{4}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
106749	1525	1820	$\frac{4}{65}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{182}\ \Phi_{91}\ \Phi_{65}\ \Phi_{28}\ \Phi_{14}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}$
106750	1525	2100	$\frac{1}{15}$	$\frac{3}{28}$	$\frac{14}{75}$	$\frac{1}{4}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{175}\ \Phi_{75}\ \Phi_{28}\ \Phi_{25}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
106751	1525	192	$\frac{3}{64}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{192}^8\ \Phi_{96}^8\ \Phi_{64}^9\ \Phi_{48}^8\ \Phi_{32}^9\ \Phi_{24}^8\ \Phi_{16}^9\ \Phi_{8}^9\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
106752	1525	924	$\frac{5}{66}$	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
106753	1525	504	$\frac{1}{12}$	$\frac{3}{28}$	$\frac{11}{72}$	$\frac{1}{4}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{72}\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
106754	1525	140	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{9}{70}$	$\frac{1}{4}$	$\Phi_{140}^{10}\ \Phi_{70}^{11}\ \Phi_{35}^{11}\ \Phi_{28}^{11}\ \Phi_{20}^{12}\ \Phi_{14}^{12}\ \Phi_{10}^{12}\ \Phi_{7}^{12}\ \Phi_{5}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
106755	1525	160	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{19}{80}$	$\Phi_{160}^{12}\ \Phi_{80}^{5}\ \Phi_{40}^{9}\ \Phi_{32}^{13}\ \Phi_{20}^{8}\ \Phi_{16}^{6}\ \Phi_{10}^{8}\ \Phi_{8}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
106756	1525	240	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{19}{80}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{80}^9\ \Phi_{48}^8\ \Phi_{40}^9\ \Phi_{24}^8\ \Phi_{16}^9\ \Phi_{8}^9\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
106757	1525	72	$\frac{1}{18}$	$\frac{11}{72}$	$\frac{1}{6}$	$\frac{17}{72}$	$\Phi_{72}^{20}\ \Phi_{36}^{20}\ \Phi_{24}^{20}\ \Phi_{18}^{25}\ \Phi_{12}^{20}\ \Phi_{9}^{25}\ \Phi_{8}^{20}\ \Phi_{6}^{24}\ \Phi_{4}^{20}\ \Phi_{3}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
106758	1525	396	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{91}{396}$	$\Phi_{396}^5\ \Phi_{198}^2\ \Phi_{132}^5\ \Phi_{99}^3\ \Phi_{66}^2\ \Phi_{44}^5\ \Phi_{36}^5\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_{11}^3\ \Phi_{9}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
106759	1525	2080	$\frac{4}{65}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{416}\ \Phi_{208}\ \Phi_{65}\ \Phi_{32}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
106760	1525	2400	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{14}{75}$	$\frac{7}{32}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{400}\ \Phi_{75}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_{1}$
106761	1525	1056	$\frac{5}{66}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{32}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{176}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
106762	1525	288	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{72}$	$\frac{7}{32}$	$\Phi_{288}^8\ \Phi_{144}^8\ \Phi_{96}^4\ \Phi_{72}\ \Phi_{48}^4\ \Phi_{36}\ \Phi_{32}^5\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}^5\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
106763	1525	1120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{70}$	$\frac{7}{32}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{70}\ \Phi_{35}\ \Phi_{32}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
106764	1525	384	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{17}{96}$	$\frac{79}{384}$	$\Phi_{384}^5\ \Phi_{192}^5\ \Phi_{128}^5\ \Phi_{96}\ \Phi_{64}^5\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
106765	1525	381	$\frac{16}{381}$	$\frac{73}{381}$	$\frac{76}{381}$	$\frac{77}{381}$	$\Phi_{381}^4\ \Phi_{127}^4\ \Phi_{3}^4\ \Phi_{1}^5$
106766	1525	390	$\frac{4}{65}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{65}^5\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{13}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
106767	1525	150	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{14}{75}$	$\Phi_{150}^{12}\ \Phi_{75}^{13}\ \Phi_{50}^{12}\ \Phi_{25}^{13}\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
106768	1525	204	$\frac{7}{68}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{3}{17}$	$\Phi_{204}^{10}\ \Phi_{102}^{8}\ \Phi_{68}^{5}\ \Phi_{51}^{8}\ \Phi_{34}^{3}\ \Phi_{17}^{5}\ \Phi_{12}^{10}\ \Phi_{6}^{7}\ \Phi_{4}^{5}\ \Phi_{3}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{5}$
106769	1525	66	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{66}^{25}\ \Phi_{33}^{25}\ \Phi_{22}^{25}\ \Phi_{11}^{25}\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
106770	1525	72	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{72}^{25}\ \Phi_{36}^{25}\ \Phi_{24}^{25}\ \Phi_{18}^{25}\ \Phi_{9}^{25}\ \Phi_{8}^{25}\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
106771	1525	210	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{210}^{8}\ \Phi_{105}^{8}\ \Phi_{70}^{9}\ \Phi_{42}^{8}\ \Phi_{35}^{9}\ \Phi_{21}^{8}\ \Phi_{14}^{9}\ \Phi_{7}^{9}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
106772	1526	1220	$\frac{1}{305}$	$\frac{153}{610}$	$\frac{457}{1220}$	$\frac{152}{305}$	$\Phi_{1220}^{2}\ \Phi_{305}\ \Phi_{244}^{2}\ \Phi_{61}\ \Phi_{20}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
106773	1526	1520	$\frac{3}{760}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{757}{1520}$	$\Phi_{1520}^{2}\ \Phi_{304}^{2}\ \Phi_{80}^{2}\ \Phi_{16}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
106774	1526	4560	$\frac{3}{760}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{757}{1520}$	$\Phi_{4560}\ \Phi_{912}\ \Phi_{240}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
106775	1526	2604	$\frac{1}{217}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{108}{217}$	$\Phi_{2604}\ \Phi_{868}\ \Phi_{372}\ \Phi_{217}\ \Phi_{124}\ \Phi_{84}\ \Phi_{31}\ \Phi_{28}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
106776	1526	1953	$\frac{1}{217}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{108}{217}$	$\Phi_{1953}\ \Phi_{279}\ \Phi_{217}\ \Phi_{63}\ \Phi_{31}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
106777	1526	1515	$\frac{11}{1515}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{752}{1515}$	$\Phi_{1515}\ \Phi_{505}\ \Phi_{303}\ \Phi_{101}\ \Phi_{15}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
106778	1526	1020	$\frac{2}{255}$	$\frac{1}{5}$	$\frac{257}{1020}$	$\frac{253}{510}$	$\Phi_{1020}^{2}\ \Phi_{340}^{2}\ \Phi_{255}^{2}\ \Phi_{204}^{2}\ \Phi_{85}^{2}\ \Phi_{68}^{2}\ \Phi_{60}^{2}\ \Phi_{51}^{2}\ \Phi_{20}^{2}\ \Phi_{17}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
106779	1526	2808	$\frac{1}{108}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{107}{216}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{312}\ \Phi_{216}^{2}\ \Phi_{104}\ \Phi_{72}^{2}\ \Phi_{24}^{2}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
106780	1526	216	$\frac{1}{108}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{107}{216}$	$\Phi_{216}^{6}\ \Phi_{108}^{8}\ \Phi_{72}^{6}\ \Phi_{54}^{8}\ \Phi_{36}^{8}\ \Phi_{27}^{8}\ \Phi_{24}^{7}\ \Phi_{18}^{8}\ \Phi_{12}^{9}\ \Phi_{9}^{8}\ \Phi_{8}^{6}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
106781	1526	584	$\frac{1}{73}$	$\frac{1}{8}$	$\frac{37}{146}$	$\frac{36}{73}$	$\Phi_{584}^{3}\ \Phi_{292}^{3}\ \Phi_{146}\ \Phi_{73}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
106782	1526	1464	$\frac{1}{61}$	$\frac{31}{732}$	$\frac{701}{1464}$	$\frac{30}{61}$	$\Phi_{1464}^{2}\ \Phi_{488}^{2}\ \Phi_{61}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
106783	1526	1098	$\frac{1}{61}$	$\frac{31}{366}$	$\frac{335}{1098}$	$\frac{30}{61}$	$\Phi_{1098}^{2}\ \Phi_{549}^{2}\ \Phi_{61}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
106784	1526	122	$\frac{1}{61}$	$\frac{13}{122}$	$\frac{31}{122}$	$\frac{30}{61}$	$\Phi_{122}^{12}\ \Phi_{61}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
106785	1526	976	$\frac{1}{61}$	$\frac{31}{244}$	$\frac{213}{976}$	$\frac{30}{61}$	$\Phi_{976}^{2}\ \Phi_{488}^{2}\ \Phi_{61}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
106786	1526	915	$\frac{1}{61}$	$\frac{152}{915}$	$\frac{31}{183}$	$\frac{30}{61}$	$\Phi_{915}^{2}\ \Phi_{305}^{2}\ \Phi_{61}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
106787	1526	1500	$\frac{13}{750}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{737}{1500}$	$\Phi_{1500}^{2}\ \Phi_{500}^{2}\ \Phi_{300}^{2}\ \Phi_{100}^{2}\ \Phi_{60}^{2}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
106788	1526	1500	$\frac{13}{750}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{737}{1500}$	$\Phi_{1500}^{2}\ \Phi_{500}^{2}\ \Phi_{300}^{2}\ \Phi_{100}^{2}\ \Phi_{60}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
106789	1526	850	$\frac{2}{85}$	$\frac{87}{850}$	$\frac{1}{5}$	$\frac{83}{170}$	$\Phi_{850}^{2}\ \Phi_{425}^{2}\ \Phi_{85}^{2}\ \Phi_{50}^{2}\ \Phi_{25}^{2}\ \Phi_{17}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
106790	1526	1485	$\frac{41}{1485}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{722}{1485}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}^{2}\ \Phi_{33}\ \Phi_{27}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
106791	1526	210	$\frac{4}{105}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{101}{210}$	$\Phi_{210}^{14}\ \Phi_{70}^{14}\ \Phi_{42}^{14}\ \Phi_{30}^{14}\ \Phi_{15}^{4}\ \Phi_{14}^{14}\ \Phi_{10}^{14}\ \Phi_{6}^{14}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{14}\ \Phi_{1}^{4}$
106792	1526	1125	$\frac{13}{375}$	$\frac{1}{25}$	$\frac{362}{1125}$	$\frac{12}{25}$	$\Phi_{1125}^{2}\ \Phi_{225}^{2}\ \Phi_{45}^{2}\ \Phi_{25}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
106793	1526	800	$\frac{1}{25}$	$\frac{37}{800}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{800}^{2}\ \Phi_{400}^{2}\ \Phi_{200}^{2}\ \Phi_{160}^{2}\ \Phi_{100}^{2}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
106794	1526	1000	$\frac{1}{25}$	$\frac{13}{250}$	$\frac{237}{1000}$	$\frac{12}{25}$	$\Phi_{1000}^{2}\ \Phi_{500}^{2}\ \Phi_{200}^{2}\ \Phi_{100}^{2}\ \Phi_{40}^{2}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
106795	1526	825	$\frac{1}{25}$	$\frac{62}{825}$	$\frac{13}{75}$	$\frac{12}{25}$	$\Phi_{825}^{2}\ \Phi_{275}^{2}\ \Phi_{165}^{2}\ \Phi_{55}^{2}\ \Phi_{33}^{2}\ \Phi_{25}\ \Phi_{11}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
106796	1526	900	$\frac{1}{25}$	$\frac{13}{150}$	$\frac{137}{900}$	$\frac{12}{25}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}^{2}\ \Phi_{225}^{2}\ \Phi_{180}^{2}\ \Phi_{100}^{2}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
106797	1526	125	$\frac{1}{25}$	$\frac{13}{125}$	$\frac{16}{125}$	$\frac{12}{25}$	$\Phi_{125}^{12}\ \Phi_{25}^{13}\ \Phi_{5}^{13}\ \Phi_{1}^{14}$
106798	1526	810	$\frac{2}{45}$	$\frac{47}{810}$	$\frac{1}{5}$	$\frac{43}{90}$	$\Phi_{810}^{2}\ \Phi_{405}^{2}\ \Phi_{270}^{2}\ \Phi_{162}^{2}\ \Phi_{135}^{2}\ \Phi_{81}^{2}\ \Phi_{54}^{2}\ \Phi_{45}^{2}\ \Phi_{27}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
106799	1526	660	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{23}{132}$	$\frac{21}{44}$	$\Phi_{660}^{2}\ \Phi_{330}^{3}\ \Phi_{220}^{2}\ \Phi_{165}^{3}\ \Phi_{132}\ \Phi_{110}^{3}\ \Phi_{66}^{2}\ \Phi_{60}^{2}\ \Phi_{55}^{3}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{30}^{3}\ \Phi_{22}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{11}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
106800	1526	1445	$\frac{4}{85}$	$\frac{81}{1445}$	$\frac{1}{5}$	$\frac{682}{1445}$	$\Phi_{1445}\ \Phi_{289}\ \Phi_{85}^{2}\ \Phi_{17}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
106801	1526	1440	$\frac{2}{45}$	$\frac{43}{720}$	$\frac{1}{5}$	$\frac{677}{1440}$	$\Phi_{1440}^{2}\ \Phi_{480}^{2}\ \Phi_{288}^{2}\ \Phi_{160}^{2}\ \Phi_{96}^{2}\ \Phi_{45}^{2}\ \Phi_{32}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
106802	1526	1443	$\frac{2}{111}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1443}\ \Phi_{481}\ \Phi_{111}^{2}\ \Phi_{37}^{2}\ \Phi_{13}\ \Phi_{1}^{2}$
106803	1526	2106	$\frac{1}{54}$	$\frac{1}{13}$	$\frac{53}{162}$	$\frac{6}{13}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{162}^{2}\ \Phi_{81}^{2}\ \Phi_{13}\ \Phi_{1}^{2}$
106804	1526	1456	$\frac{3}{112}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{208}\ \Phi_{182}\ \Phi_{112}^{2}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
106805	1526	1872	$\frac{1}{36}$	$\frac{1}{13}$	$\frac{35}{144}$	$\frac{6}{13}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{144}^{2}\ \Phi_{104}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
106806	1526	1755	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{26}{135}$	$\frac{6}{13}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{195}\ \Phi_{135}^2\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_5^2\ \Phi_1^2$
106807	1526	1482	$\frac{5}{114}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{494}\ \Phi_{247}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{13}\ \Phi_1^2$
106808	1526	1638	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{17}{126}$	$\frac{6}{13}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{182}\ \Phi_{126}^2\ \Phi_{91}\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_1^2$
106809	1526	117	$\frac{8}{117}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{6}{13}$	$\Phi_{117}^{13}\ \Phi_{39}^{13}\ \Phi_{13}^{14}\ \Phi_9^{12}\ \Phi_3^{12}\ \Phi_1^{14}$
106810	1526	1560	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{6}{13}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}^2\ \Phi_{104}\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_1^2$
106811	1526	600	$\frac{1}{15}$	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{200}$	$\Phi_{600}^5\ \Phi_{200}^4\ \Phi_{120}^5\ \Phi_{40}^4\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^5\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
106812	1526	120	$\frac{1}{15}$	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{120}^{14}\ \Phi_{60}^9\ \Phi_{40}^{14}\ \Phi_{30}^{14}\ \Phi_{24}^{14}\ \Phi_{20}^{10}\ \Phi_{15}^{13}\ \Phi_{12}^9\ \Phi_{10}^{14}\ \Phi_8^{14}\ \Phi_6^{14}\ \Phi_5^{13}\ \Phi_4^{10}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
106813	1526	990	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{198}$	$\Phi_{990}^3\ \Phi_{330}^3\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{110}^3\ \Phi_{90}^3\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}^3\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_2^2$
106814	1526	1360	$\frac{2}{85}$	$\frac{83}{680}$	$\frac{1}{5}$	$\frac{597}{1360}$	$\Phi_{1360}^2\ \Phi_{272}^2\ \Phi_{85}^2\ \Phi_{80}^2\ \Phi_{17}^2\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
106815	1526	780	$\frac{17}{780}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
106816	1526	660	$\frac{1}{110}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{660}^4\ \Phi_{330}\ \Phi_{220}^4\ \Phi_{165}\ \Phi_{132}^4\ \Phi_{66}\ \Phi_{60}^4\ \Phi_{44}^4\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
106817	1526	336	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{336}^4\ \Phi_{168}^4\ \Phi_{112}^6\ \Phi_{84}^3\ \Phi_{56}^6\ \Phi_{48}^4\ \Phi_{42}^4\ \Phi_{28}^5\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_{12}^4\ \Phi_8^6\ \Phi_7^5\ \Phi_6^4\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^6$
106818	1526	372	$\frac{1}{31}$	$\frac{15}{124}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{372}^3\ \Phi_{186}^4\ \Phi_{124}^5\ \Phi_{93}^4\ \Phi_{62}^6\ \Phi_{31}^5\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^6$
106819	1526	1275	$\frac{4}{255}$	$\frac{251}{1275}$	$\frac{1}{5}$	$\frac{512}{1275}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{255}^2\ \Phi_{85}^2\ \Phi_{75}\ \Phi_{51}^2\ \Phi_{25}\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
106820	1526	1140	$\frac{3}{380}$	$\frac{1}{5}$	$\frac{377}{1140}$	$\frac{2}{5}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{285}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{60}^2\ \Phi_{57}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
106821	1526	110	$\frac{1}{110}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{110}^{14}\ \Phi_{55}^{14}\ \Phi_{22}^{14}\ \Phi_{11}^{14}\ \Phi_{10}^{12}\ \Phi_5^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
106822	1526	950	$\frac{3}{190}$	$\frac{187}{950}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{950}^2\ \Phi_{475}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
106823	1526	780	$\frac{17}{780}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
106824	1526	855	$\frac{3}{95}$	$\frac{92}{855}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{171}^2\ \Phi_{57}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
106825	1526	800	$\frac{37}{800}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{800}^2\ \Phi_{400}^2\ \Phi_{200}^2\ \Phi_{160}^2\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{50}^2\ \Phi_{32}^2\ \Phi_{25}^2\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
106826	1526	2640	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{21}{88}$	$\frac{67}{176}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{330}\ \Phi_{240}\ \Phi_{165}\ \Phi_{110}\ \Phi_{80}\ \Phi_{66}\ \Phi_{55}\ \Phi_{48}\ \Phi_{33}\ \Phi_{30}\ \Phi_{10}\ \Phi_6$
106827	1526	768	$\frac{5}{768}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
106828	1526	1146	$\frac{1}{191}$	$\frac{190}{573}$	$\frac{1}{3}$	$\frac{383}{1146}$	$\Phi_{1146}^2\ \Phi_{573}\ \Phi_{382}^2\ \Phi_6^2\ \Phi_2^2$
106829	1526	990	$\frac{1}{110}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_6$
106830	1526	888	$\frac{2}{111}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{888}^2\ \Phi_{444}^2\ \Phi_{296}^2\ \Phi_{222}^2\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
106831	1526	1140	$\frac{3}{380}$	$\frac{1}{4}$	$\frac{377}{1140}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}^2\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}^2\ \Phi_{114}\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{60}\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{19}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
106832	1526	648	$\frac{1}{54}$	$\frac{1}{8}$	$\frac{53}{162}$	$\frac{1}{3}$	$\Phi_{648}^4\ \Phi_{324}^4\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
106833	1526	912	$\frac{3}{152}$	$\frac{149}{912}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{912}^2\ \Phi_{456}\ \Phi_{304}^2\ \Phi_{228}\ \Phi_{152}^2\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{48}^2\ \Phi_{38}^2\ \Phi_{24}\ \Phi_{19}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
106834	1526	780	$\frac{17}{780}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{30}\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
106835	1526	336	$\frac{3}{112}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^7\ \Phi_{168}^7\ \Phi_{84}^7\ \Phi_{48}^7\ \Phi_{42}^7\ \Phi_{24}^4\ \Phi_{21}^7\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
106836	1526	2508	$\frac{3}{76}$	$\frac{73}{836}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{627}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
106837	1526	2400	$\frac{37}{800}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{96}\ \Phi_{75}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
106838	1526	144	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{35}{144}$	$\frac{1}{3}$	$\Phi_{144}^{14}\ \Phi_{72}^{6}\ \Phi_{48}^{14}\ \Phi_{36}^{8}\ \Phi_{24}^{7}\ \Phi_{18}^{8}\ \Phi_{16}^{14}\ \Phi_{12}^{9}\ \Phi_{9}^{8}\ \Phi_{8}^{6}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
106839	1526	1008	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{144}^{2}\ \Phi_{126}^{2}\ \Phi_{112}^{2}\ \Phi_{72}^{2}\ \Phi_{63}\ \Phi_{56}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
106840	1526	1800	$\frac{7}{225}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
106841	1526	1116	$\frac{1}{31}$	$\frac{15}{124}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1116}^{2}\ \Phi_{558}^{2}\ \Phi_{279}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{36}^{2}\ \Phi_{31}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
106842	1526	1080	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{26}{135}$	$\frac{1}{3}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{270}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{6}$
106843	1526	456	$\frac{5}{114}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{456}^{4}\ \Phi_{228}^{4}\ \Phi_{152}^{4}\ \Phi_{114}^{2}\ \Phi_{76}^{4}\ \Phi_{57}^{2}\ \Phi_{38}^{2}\ \Phi_{24}\ \Phi_{19}^{2}\ \Phi_{12}\ \Phi_{6}$
106844	1526	504	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{17}{126}$	$\frac{1}{3}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{168}^{4}\ \Phi_{126}^{2}\ \Phi_{84}^{4}\ \Phi_{63}^{2}\ \Phi_{56}^{4}\ \Phi_{42}^{2}\ \Phi_{28}^{4}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{7}^{2}\ \Phi_{6}$
106845	1526	936	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{312}^{2}\ \Phi_{234}^{2}\ \Phi_{156}^{2}\ \Phi_{104}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
106846	1526	1944	$\frac{2}{27}$	$\frac{25}{243}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{162}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
106847	1526	120	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{120}^{14}\ \Phi_{60}^{14}\ \Phi_{40}^{14}\ \Phi_{30}^{14}\ \Phi_{24}^{7}\ \Phi_{20}^{14}\ \Phi_{15}^{14}\ \Phi_{12}^{9}\ \Phi_{10}^{14}\ \Phi_{8}^{6}\ \Phi_{6}^{9}\ \Phi_{5}^{14}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
106848	1526	1125	$\frac{13}{375}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{362}{1125}$	$\Phi_{1125}^{2}\ \Phi_{225}^{2}\ \Phi_{45}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
106849	1526	810	$\frac{47}{810}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{135}$	$\Phi_{810}^{2}\ \Phi_{405}^{2}\ \Phi_{270}^{2}\ \Phi_{162}^{2}\ \Phi_{135}\ \Phi_{90}^{2}\ \Phi_{81}^{2}\ \Phi_{54}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{27}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
106850	1526	660	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{23}{132}$	$\frac{10}{33}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{220}^{3}\ \Phi_{165}\ \Phi_{132}^{2}\ \Phi_{110}^{3}\ \Phi_{66}^{2}\ \Phi_{60}^{3}\ \Phi_{55}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{30}^{3}\ \Phi_{22}^{2}\ \Phi_{20}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
106851	1526	1080	$\frac{2}{45}$	$\frac{43}{360}$	$\frac{1}{5}$	$\frac{317}{1080}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{216}^{2}\ \Phi_{135}^{2}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{45}^{2}\ \Phi_{27}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
106852	1526	150	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{150}$	$\Phi_{150}^{9}\ \Phi_{75}^{9}\ \Phi_{50}^{10}\ \Phi_{30}^{14}\ \Phi_{25}^{10}\ \Phi_{15}^{13}\ \Phi_{10}^{14}\ \Phi_{6}^{14}\ \Phi_{5}^{13}\ \Phi_{3}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
106853	1526	120	$\frac{1}{15}$	$\frac{11}{120}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{120}^{14}\ \Phi_{60}^{14}\ \Phi_{40}^{14}\ \Phi_{30}^{14}\ \Phi_{24}^{14}\ \Phi_{20}^{14}\ \Phi_{15}^{4}\ \Phi_{12}^{14}\ \Phi_{10}^{14}\ \Phi_{8}^{14}\ \Phi_{6}^{14}\ \Phi_{5}^{3}\ \Phi_{4}^{14}\ \Phi_{3}^{4}\ \Phi_{2}^{14}\ \Phi_{1}^{4}$
106854	1526	1020	$\frac{2}{85}$	$\frac{1}{5}$	$\frac{83}{340}$	$\frac{257}{1020}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{255}^{2}\ \Phi_{204}^{2}\ \Phi_{102}^{2}\ \Phi_{85}^{2}\ \Phi_{60}^{2}\ \Phi_{51}^{2}\ \Phi_{30}^{2}\ \Phi_{17}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
106855	1526	900	$\frac{2}{45}$	$\frac{137}{900}$	$\frac{1}{5}$	$\frac{43}{180}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}^{2}\ \Phi_{225}^{2}\ \Phi_{150}^{2}\ \Phi_{100}^{2}\ \Phi_{75}^{2}\ \Phi_{50}^{2}\ \Phi_{45}^{2}\ \Phi_{25}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
106856	1526	990	$\frac{41}{495}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{227}{990}$	$\Phi_{990}^{2}\ \Phi_{495}\ \Phi_{330}^{2}\ \Phi_{198}^{2}\ \Phi_{165}\ \Phi_{110}^{2}\ \Phi_{99}\ \Phi_{90}^{2}\ \Phi_{66}^{2}\ \Phi_{55}\ \Phi_{45}^{2}\ \Phi_{33}\ \Phi_{30}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
106857	1526	420	$\frac{1}{15}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{140}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{140}^{4}\ \Phi_{84}^{5}\ \Phi_{70}^{4}\ \Phi_{60}^{5}\ \Phi_{42}^{5}\ \Phi_{30}^{5}\ \Phi_{28}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
106858	1526	825	$\frac{62}{825}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{5}$	$\Phi_{825}^{2}\ \Phi_{275}^{2}\ \Phi_{165}^{2}\ \Phi_{55}^{2}\ \Phi_{33}^{2}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
106859	1526	900	$\frac{13}{150}$	$\frac{2}{15}$	$\frac{137}{900}$	$\frac{1}{5}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}^{2}\ \Phi_{225}^{2}\ \Phi_{180}^{2}\ \Phi_{100}^{2}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
106860	1527	2028	$\frac{2}{507}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{505}{1014}$	$\Phi_{2028}\ \Phi_{676}\ \Phi_{507}\ \Phi_{169}\ \Phi_{156}\ \Phi_{52}\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
106861	1527	872	$\frac{1}{218}$	$\frac{73}{436}$	$\frac{363}{872}$	$\frac{217}{436}$	$\Phi_{872}^{3}\ \Phi_{436}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
106862	1527	680	$\frac{1}{170}$	$\frac{1}{4}$	$\frac{171}{680}$	$\frac{169}{340}$	$\Phi_{680}^{3}\ \Phi_{340}^{2}\ \Phi_{170}\ \Phi_{136}^{3}\ \Phi_{85}\ \Phi_{68}^{2}\ \Phi_{40}^{3}\ \Phi_{34}\ \Phi_{20}^{2}\ \Phi_{17}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
106863	1527	2020	$\frac{4}{505}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{501}{1010}$	$\Phi_{2020}\ \Phi_{505}\ \Phi_{404}\ \Phi_{101}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
106864	1527	612	$\frac{1}{102}$	$\frac{103}{612}$	$\frac{1}{4}$	$\frac{101}{204}$	$\Phi_{612}^{3}\ \Phi_{306}^{3}\ \Phi_{204}^{2}\ \Phi_{153}^{3}\ \Phi_{102}\ \Phi_{68}^{2}\ \Phi_{51}\ \Phi_{36}^{3}\ \Phi_{34}\ \Phi_{18}^{3}\ \Phi_{17}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
106865	1527	1008	$\frac{5}{504}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{499}{1008}$	$\Phi_{1008}^{3}\ \Phi_{336}^{3}\ \Phi_{144}^{3}\ \Phi_{112}^{3}\ \Phi_{48}^{3}\ \Phi_{28}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
106866	1527	1008	$\frac{5}{504}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{499}{1008}$	$\Phi_{1008}^{3}\ \Phi_{336}^{3}\ \Phi_{144}^{3}\ \Phi_{112}^{3}\ \Phi_{48}^{3}\ \Phi_{16}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
106867	1527	1008	$\frac{5}{504}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{499}{1008}$	$\Phi_{1008}^{3}\ \Phi_{336}^{3}\ \Phi_{144}^{3}\ \Phi_{112}^{3}\ \Phi_{48}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
106868	1527	2044	$\frac{6}{511}$	$\frac{1}{7}$	$\frac{517}{2044}$	$\frac{505}{1022}$	$\Phi_{2044}\ \Phi_{511}\ \Phi_{292}\ \Phi_{73}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
106869	1527	1000	$\frac{9}{500}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{491}{1000}$	$\Phi_{1000}^3\ \Phi_{200}^3\ \Phi_{40}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
106870	1527	1980	$\frac{14}{495}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{481}{990}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{99}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
106871	1527	544	$\frac{1}{34}$	$\frac{35}{544}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{544}^3\ \Phi_{272}^3\ \Phi_{136}^3\ \Phi_{68}^2\ \Phi_{34}\ \Phi_{32}^3\ \Phi_{17}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
106872	1527	1972	$\frac{16}{493}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{477}{986}$	$\Phi_{1972}\ \Phi_{493}\ \Phi_{116}\ \Phi_{68}^2\ \Phi_{34}\ \Phi_{29}\ \Phi_{17}\ \Phi_4\ \Phi_1$
106873	1527	540	$\frac{1}{30}$	$\frac{31}{540}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{90}^3\ \Phi_{60}^2\ \Phi_{54}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{27}^3\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
106874	1527	980	$\frac{19}{490}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{471}{980}$	$\Phi_{980}^3\ \Phi_{196}^3\ \Phi_{140}^3\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{10}\ \Phi_5\ \Phi_4^3\ \Phi_1$
106875	1527	616	$\frac{13}{308}$	$\frac{1}{14}$	$\frac{107}{616}$	$\frac{295}{616}$	$\Phi_{616}^2\ \Phi_{308}^3\ \Phi_{154}^3\ \Phi_{88}^2\ \Phi_{77}^3\ \Phi_{56}^2\ \Phi_{44}^3\ \Phi_{28}^3\ \Phi_{22}^3\ \Phi_{14}^2\ \Phi_{11}^3\ \Phi_8^2\ \Phi_7^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
106876	1527	960	$\frac{1}{30}$	$\frac{29}{480}$	$\frac{1}{4}$	$\frac{451}{960}$	$\Phi_{960}^3\ \Phi_{320}^3\ \Phi_{192}^3\ \Phi_{64}^3\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
106877	1527	952	$\frac{1}{34}$	$\frac{33}{476}$	$\frac{1}{4}$	$\frac{443}{952}$	$\Phi_{952}^3\ \Phi_{136}^3\ \Phi_{68}^2\ \Phi_{56}^3\ \Phi_{34}\ \Phi_{17}\ \Phi_8^3\ \Phi_4\ \Phi_1$
106878	1527	756	$\frac{5}{252}$	$\frac{1}{14}$	$\frac{247}{756}$	$\frac{13}{28}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{189}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{28}\ \Phi_{27}^3\ \Phi_4\ \Phi_1$
106879	1527	1568	$\frac{41}{1568}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{224}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{49}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_4\ \Phi_1$
106880	1527	672	$\frac{5}{168}$	$\frac{1}{14}$	$\frac{163}{672}$	$\frac{13}{28}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{28}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
106881	1527	532	$\frac{23}{532}$	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{532}^3\ \Phi_{266}^3\ \Phi_{133}^3\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{28}\ \Phi_{19}^3\ \Phi_4\ \Phi_1$
106882	1527	588	$\frac{5}{84}$	$\frac{1}{14}$	$\frac{79}{588}$	$\frac{13}{28}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{196}^3\ \Phi_{147}^3\ \Phi_{98}^3\ \Phi_{49}^3\ \Phi_{28}\ \Phi_4\ \Phi_1$
106883	1527	560	$\frac{1}{14}$	$\frac{5}{56}$	$\frac{51}{560}$	$\frac{13}{28}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
106884	1527	2800	$\frac{1}{14}$	$\frac{127}{1400}$	$\frac{13}{140}$	$\frac{1273}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
106885	1527	560	$\frac{1}{14}$	$\frac{51}{560}$	$\frac{13}{140}$	$\frac{127}{280}$	$\Phi_{560}^3\ \Phi_{280}^2\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_7^2\ \Phi_5^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
106886	1527	520	$\frac{11}{520}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{520}^3\ \Phi_{260}^3\ \Phi_{130}^3\ \Phi_{104}^3\ \Phi_{65}^3\ \Phi_{52}^3\ \Phi_{40}^3\ \Phi_{26}^3\ \Phi_{20}^2\ \Phi_{13}^3\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
106887	1527	924	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{47}{462}$	$\frac{415}{924}$	$\Phi_{924}^3\ \Phi_{308}^3\ \Phi_{154}\ \Phi_{132}^3\ \Phi_{84}^3\ \Phi_{77}\ \Phi_{44}^3\ \Phi_{28}^3\ \Phi_{22}\ \Phi_{12}^3\ \Phi_{11}\ \Phi_4^3\ \Phi_1$
106888	1527	1836	$\frac{1}{51}$	$\frac{50}{459}$	$\frac{1}{4}$	$\frac{409}{918}$	$\Phi_{1836}\ \Phi_{612}\ \Phi_{459}\ \Phi_{204}^2\ \Phi_{153}\ \Phi_{108}\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{27}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
106889	1527	516	$\frac{7}{516}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{516}^3\ \Phi_{258}^3\ \Phi_{172}^3\ \Phi_{129}^3\ \Phi_{86}^3\ \Phi_{43}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
106890	1527	872	$\frac{1}{109}$	$\frac{73}{436}$	$\frac{36}{109}$	$\frac{363}{872}$	$\Phi_{872}^3\ \Phi_{109}^2\ \Phi_8^3\ \Phi_1^3$
106891	1527	1700	$\frac{1}{85}$	$\frac{84}{425}$	$\frac{1}{4}$	$\frac{341}{850}$	$\Phi_{1700}\ \Phi_{425}\ \Phi_{340}^2\ \Phi_{170}\ \Phi_{100}\ \Phi_{85}\ \Phi_{68}^2\ \Phi_{34}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
106892	1527	2180	$\frac{1}{109}$	$\frac{108}{545}$	$\frac{653}{2180}$	$\frac{437}{1090}$	$\Phi_{2180}\ \Phi_{545}\ \Phi_{436}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
106893	1527	2464	$\frac{13}{308}$	$\frac{1}{14}$	$\frac{295}{1232}$	$\frac{937}{2464}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{308}\ \Phi_{224}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}\ \Phi_{32}\ \Phi_{28}\ \Phi_{22}\ \Phi_{11}\ \Phi_4\ \Phi_1$
106894	1527	816	$\frac{1}{102}$	$\frac{101}{408}$	$\frac{1}{4}$	$\frac{307}{816}$	$\Phi_{816}^3\ \Phi_{272}^3\ \Phi_{204}^2\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{48}^3\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
106895	1527	518	$\frac{9}{518}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{518}^3\ \Phi_{259}^3\ \Phi_{74}^3\ \Phi_{37}^3\ \Phi_7^2\ \Phi_1^3$
106896	1527	654	$\frac{1}{109}$	$\frac{145}{654}$	$\frac{36}{109}$	$\frac{73}{218}$	$\Phi_{654}^3\ \Phi_{327}^3\ \Phi_{109}^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
106897	1527	763	$\frac{4}{763}$	$\frac{253}{763}$	$\frac{254}{763}$	$\frac{255}{763}$	$\Phi_{763}^2\ \Phi_{109}^2\ \Phi_7^2\ \Phi_1^3$
106898	1527	1092	$\frac{2}{39}$	$\frac{37}{546}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}^2\ \Phi_{52}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
106899	1527	612	$\frac{1}{51}$	$\frac{103}{612}$	$\frac{1}{4}$	$\frac{50}{153}$	$\Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^3\ \Phi_{153}^3\ \Phi_{102}^3\ \Phi_{68}^3\ \Phi_{51}^3\ \Phi_{36}^2\ \Phi_{34}^3\ \Phi_{18}^2\ \Phi_{17}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
106900	1527	756	$\frac{5}{252}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{247}{756}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{189}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_7^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
106901	1527	756	$\frac{5}{252}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{247}{756}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{189}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
106902	1527	1500	$\frac{9}{250}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{241}{750}$	$\Phi_{1500}^2\ \Phi_{750}\ \Phi_{375}\ \Phi_{300}^2\ \Phi_{150}\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2$ $\Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
106903	1527	540	$\frac{31}{540}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^2\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{90}^2\ \Phi_{60}^3\ \Phi_{54}^3\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{27}^3$ $\Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
106904	1527	616	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{107}{616}$	$\frac{47}{154}$	$\Phi_{616}^3\ \Phi_{308}^3\ \Phi_{154}\ \Phi_{88}^3\ \Phi_{77}\ \Phi_{56}^3\ \Phi_{44}^3\ \Phi_{28}^3\ \Phi_{22}\ \Phi_{11}\ \Phi_8^3\ \Phi_4^3$ Φ_1
106905	1527	720	$\frac{1}{30}$	$\frac{29}{240}$	$\frac{1}{4}$	$\frac{211}{720}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{18}^3$ $\Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
106906	1527	1428	$\frac{1}{34}$	$\frac{33}{238}$	$\frac{1}{4}$	$\frac{205}{714}$	$\Phi_{1428}^2\ \Phi_{714}\ \Phi_{357}\ \Phi_{204}^2\ \Phi_{102}\ \Phi_{84}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{42}\ \Phi_{34}\ \Phi_{21}$ $\Phi_{17}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
106907	1527	672	$\frac{5}{168}$	$\frac{1}{7}$	$\frac{163}{672}$	$\frac{2}{7}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_7^2\ \Phi_1^3$
106908	1527	525	$\frac{16}{525}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{525}^3\ \Phi_{175}^3\ \Phi_{105}^3\ \Phi_{75}^3\ \Phi_{35}^3\ \Phi_{25}^3\ \Phi_{15}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
106909	1527	630	$\frac{5}{126}$	$\frac{1}{7}$	$\frac{121}{630}$	$\frac{2}{7}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{105}^3\ \Phi_{90}^3\ \Phi_{70}^3\ \Phi_{45}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_7^2$ $\Phi_5^3\ \Phi_1^3$
106910	1527	532	$\frac{23}{532}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{532}^3\ \Phi_{266}^3\ \Phi_{133}^3\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_7^2\ \Phi_1^3$
106911	1527	588	$\frac{5}{84}$	$\frac{79}{588}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{196}^3\ \Phi_{147}^3\ \Phi_{98}^3\ \Phi_{49}^3\ \Phi_7^2\ \Phi_1^3$
106912	1527	546	$\frac{37}{546}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{546}^3\ \Phi_{273}^3\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_7^2\ \Phi_1^3$
106913	1527	567	$\frac{5}{63}$	$\frac{58}{567}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{567}^3\ \Phi_{189}^3\ \Phi_{81}^3\ \Phi_{27}^3\ \Phi_7^2\ \Phi_1^3$
106914	1527	560	$\frac{5}{56}$	$\frac{51}{560}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_7^2$ $\Phi_5^3\ \Phi_1^3$
106915	1527	1044	$\frac{13}{522}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{1044}^2\ \Phi_{522}\ \Phi_{348}^2\ \Phi_{261}\ \Phi_{174}\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{58}\ \Phi_{29}\ \Phi_{12}^2\ \Phi_6$ $\Phi_4\ \Phi_3\ \Phi_1$
106916	1527	700	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{127}{700}$	$\frac{191}{700}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{140}^3\ \Phi_{100}^2\ \Phi_{70}^3\ \Phi_{50}^2\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{14}^2$ $\Phi_{10}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
106917	1527	560	$\frac{1}{14}$	$\frac{51}{560}$	$\frac{13}{70}$	$\frac{19}{70}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{16}^3$ $\Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4^3\ \Phi_1$
106918	1527	672	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{163}{672}$	$\frac{1}{4}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3$ Φ_1
106919	1527	600	$\frac{1}{30}$	$\frac{91}{600}$	$\frac{29}{120}$	$\frac{1}{4}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^2\ \Phi_{50}^3\ \Phi_{30}\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{15}$ $\Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
106920	1527	660	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{151}{660}$	$\frac{1}{4}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^3\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^3\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{33}^3$ $\Phi_{30}^3\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
106921	1527	528	$\frac{19}{528}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{66}^3\ \Phi_{48}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{16}^3\ \Phi_{12}^2$ $\Phi_{11}^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
106922	1527	1260	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{121}{630}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}^2$ $\Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
106923	1527	1100	$\frac{41}{550}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{4}$	$\Phi_{1100}^2\ \Phi_{550}\ \Phi_{275}\ \Phi_{220}^2\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}$ $\Phi_5\ \Phi_4\ \Phi_1$
106924	1527	540	$\frac{31}{540}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{54}^3\ \Phi_{45}^3\ \Phi_{30}^3\ \Phi_{27}^3\ \Phi_{20}^3$ $\Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
106925	1527	588	$\frac{5}{84}$	$\frac{79}{588}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{196}^3\ \Phi_{147}^3\ \Phi_{98}^3\ \Phi_{49}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
106926	1527	1092	$\frac{37}{546}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1092}^2\ \Phi_{546}\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}^2\ \Phi_{91}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}$ $\Phi_{13}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
106927	1527	576	$\frac{5}{72}$	$\frac{67}{576}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4$ $\Phi_3\ \Phi_1$
106928	1527	600	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{600}$	$\frac{1}{4}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}^3$ $\Phi_{12}^3\ \Phi_{10}\ \Phi_8^3\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
106929	1527	1960	$\frac{1}{14}$	$\frac{57}{490}$	$\frac{13}{70}$	$\frac{433}{1960}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{392}\ \Phi_{280}\ \Phi_{196}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}$ $\Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
106930	1528	381	$\frac{1}{381}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{190}{381}$	$\Phi_{381}^4\ \Phi_{127}^4\ \Phi_3^5\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
106931	1528	1527	$\frac{5}{1527}$	$\frac{383}{1527}$	$\frac{572}{1527}$	$\frac{761}{1527}$	$\Phi_{1527}\ \Phi_{509}\ \Phi_3\ \Phi_1^2$
106932	1528	255	$\frac{1}{255}$	$\frac{64}{255}$	$\frac{1}{3}$	$\frac{127}{255}$	$\Phi_{255}^6\ \Phi_{85}^6\ \Phi_{51}^6\ \Phi_{17}^6\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
106933	1528	1521	$\frac{7}{1521}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{757}{1521}$	$\Phi_{1521}\ \Phi_{507}\ \Phi_{169}\ \Phi_{117}\ \Phi_{39}\ \Phi_{13}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
106934	1528	2660	$\frac{1}{190}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{189}{380}$	$\Phi_{2660}\ \Phi_{532}\ \Phi_{380}^2\ \Phi_{140}\ \Phi_{76}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
106935	1528	1140	$\frac{1}{190}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{189}{380}$	$\Phi_{1140}^4\ \Phi_{228}^4\ \Phi_{60}^4\ \Phi_{15}\ \Phi_{12}^4$
106936	1528	509	$\frac{3}{509}$	$\frac{127}{509}$	$\frac{128}{509}$	$\frac{253}{509}$	$\Phi_{509}^3\ \Phi_1^4$
106937	1528	459	$\frac{1}{153}$	$\frac{77}{459}$	$\frac{1}{3}$	$\frac{76}{153}$	$\Phi_{459}^4\ \Phi_{153}^2\ \Phi_{51}^2\ \Phi_{27}^4\ \Phi_{17}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
106938	1528	1515	$\frac{13}{1515}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{751}{1515}$	$\Phi_{1515}\ \Phi_{505}\ \Phi_{303}\ \Phi_{101}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
106939	1528	378	$\frac{2}{189}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{187}{378}$	$\Phi_{378}^8\ \Phi_{126}^8\ \Phi_{54}^8\ \Phi_{42}^8\ \Phi_{18}^8\ \Phi_{14}^8\ \Phi_9^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
106940	1528	1275	$\frac{1}{85}$	$\frac{43}{425}$	$\frac{1}{3}$	$\frac{42}{85}$	$\Phi_{1275}^2\ \Phi_{255}\ \Phi_{75}^2\ \Phi_{51}\ \Phi_{15}$
106941	1528	2304	$\frac{1}{64}$	$\frac{1}{9}$	$\frac{65}{256}$	$\frac{63}{128}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
106942	1528	3384	$\frac{3}{188}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{185}{376}$	$\Phi_{3384}\ \Phi_{1128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
106943	1528	375	$\frac{7}{375}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{184}{375}$	$\Phi_{375}^4\ \Phi_{125}^4\ \Phi_{75}^4\ \Phi_{25}^4\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
106944	1528	204	$\frac{1}{51}$	$\frac{13}{204}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{204}^8\ \Phi_{102}^8\ \Phi_{68}^8\ \Phi_{51}^6\ \Phi_{34}^8\ \Phi_{17}^6\ \Phi_{12}^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
106945	1528	1122	$\frac{4}{187}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{183}{374}$	$\Phi_{1122}^4\ \Phi_{102}^4\ \Phi_{66}^4\ \Phi_{51}\ \Phi_6^4$
106946	1528	405	$\frac{1}{45}$	$\frac{23}{405}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^4\ \Phi_{45}^2\ \Phi_{27}^4\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
106947	1528	1116	$\frac{5}{186}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{181}{372}$	$\Phi_{1116}^3\ \Phi_{372}^2\ \Phi_{124}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
106948	1528	1485	$\frac{43}{1485}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{721}{1485}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{27}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
106949	1528	1479	$\frac{49}{1479}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{715}{1479}$	$\Phi_{1479}\ \Phi_{493}\ \Phi_{87}\ \Phi_{51}^2\ \Phi_{29}\ \Phi_{17}^2\ \Phi_3\ \Phi_1^2$
106950	1528	3312	$\frac{7}{184}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{177}{368}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
106951	1528	1173	$\frac{9}{391}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{1173}^2\ \Phi_{69}^2\ \Phi_{51}$
106952	1528	360	$\frac{1}{45}$	$\frac{11}{180}$	$\frac{1}{3}$	$\frac{169}{360}$	$\Phi_{360}^8\ \Phi_{120}^8\ \Phi_{72}^8\ \Phi_{45}^2\ \Phi_{40}^8\ \Phi_{24}^8\ \Phi_{15}^2\ \Phi_9^2\ \Phi_8^8\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
106953	1528	360	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{169}{360}$	$\Phi_{360}^8\ \Phi_{120}^8\ \Phi_{72}^8\ \Phi_{40}^8\ \Phi_{36}^3\ \Phi_{24}^8\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^8\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
106954	1528	195	$\frac{4}{195}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{195}^8\ \Phi_{65}^8\ \Phi_{39}^8\ \Phi_{15}^6\ \Phi_{13}^8\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
106955	1528	357	$\frac{1}{51}$	$\frac{25}{357}$	$\frac{1}{3}$	$\frac{166}{357}$	$\Phi_{357}^4\ \Phi_{119}^4\ \Phi_{51}^6\ \Phi_{21}^4\ \Phi_{17}^6\ \Phi_7^4\ \Phi_3^5\ \Phi_1^6$
106956	1528	3168	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{1}{9}$	$\frac{161}{352}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
106957	1528	1377	$\frac{2}{153}$	$\frac{151}{1377}$	$\frac{1}{3}$	$\frac{613}{1377}$	$\Phi_{1377}\ \Phi_{459}\ \Phi_{153}^2\ \Phi_{81}\ \Phi_{51}^2\ \Phi_{27}\ \Phi_{17}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
106958	1528	387	$\frac{5}{387}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{387}^4\ \Phi_{129}^4\ \Phi_{43}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
106959	1528	1020	$\frac{1}{85}$	$\frac{21}{170}$	$\frac{1}{3}$	$\frac{149}{340}$	$\Phi_{1020}^4\ \Phi_{255}\ \Phi_{204}^4\ \Phi_{60}^4\ \Phi_{51}\ \Phi_{15}\ \Phi_{12}^4$
106960	1528	1008	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{23}{168}$	$\frac{145}{336}$	$\Phi_{1008}^3\ \Phi_{336}^2\ \Phi_{144}^3\ \Phi_{112}^2\ \Phi_{72}^3\ \Phi_{48}^2\ \Phi_{36}^3\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
106961	1528	1995	$\frac{1}{95}$	$\frac{1}{7}$	$\frac{94}{285}$	$\frac{3}{7}$	$\Phi_{1995}\ \Phi_{399}\ \Phi_{285}^2\ \Phi_{105}\ \Phi_{57}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
106962	1528	1365	$\frac{4}{195}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}^2\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
106963	1528	1596	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{37}{228}$	$\frac{3}{7}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{84}\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
106964	1528	1400	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{200}^2\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}^2\ \Phi_{56}\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{28}\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
106965	1528	1463	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1463}\ \Phi_{209}^2\ \Phi_{77}\ \Phi_{11}^2\ \Phi_7\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
106966	1528	2880	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{31}{160}$	$\frac{129}{320}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
106967	1528	1275	$\frac{2}{255}$	$\frac{253}{1275}$	$\frac{1}{3}$	$\frac{511}{1275}$	$\Phi_{1275}\ \Phi_{425}\ \Phi_{255}^2\ \Phi_{85}^2\ \Phi_{75}\ \Phi_{51}^2\ \Phi_{25}\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
106968	1528	1155	$\frac{3}{385}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1155}^2\ \Phi_{231}^2\ \Phi_{165}^2\ \Phi_{105}^2\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{15}$
106969	1528	306	$\frac{1}{153}$	$\frac{38}{153}$	$\frac{1}{3}$	$\frac{115}{306}$	$\Phi_{306}^8\ \Phi_{153}^2\ \Phi_{102}^8\ \Phi_{51}^2\ \Phi_{34}^8\ \Phi_{18}^8\ \Phi_{17}^2\ \Phi_{9}^2\ \Phi_{6}^8\ \Phi_{3}\ \Phi_{2}^8\ \Phi_{1}^2$
106970	1528	288	$\frac{1}{48}$	$\frac{1}{9}$	$\frac{47}{144}$	$\frac{97}{288}$	$\Phi_{288}^8\ \Phi_{144}^3\ \Phi_{96}^8\ \Phi_{72}^3\ \Phi_{48}^2\ \Phi_{36}^3\ \Phi_{32}^8\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
106971	1528	192	$\frac{1}{192}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{192}^8\ \Phi_{96}^8\ \Phi_{64}^8\ \Phi_{48}^8\ \Phi_{32}^8\ \Phi_{24}^8\ \Phi_{16}^8\ \Phi_{12}^8\ \Phi_{8}^8\ \Phi_{6}^8\ \Phi_{4}^8\ \Phi_{3}^5\ \Phi_{2}^8\ \Phi_{1}^6$
106972	1528	1143	$\frac{2}{381}$	$\frac{379}{1143}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1143}^2\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
106973	1528	762	$\frac{1}{127}$	$\frac{63}{254}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{762}^2\ \Phi_{381}\ \Phi_{254}^4\ \Phi_{127}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
106974	1528	285	$\frac{1}{95}$	$\frac{1}{5}$	$\frac{94}{285}$	$\frac{1}{3}$	$\Phi_{285}^4\ \Phi_{95}^8\ \Phi_{57}^4\ \Phi_{19}^8\ \Phi_{15}^5\ \Phi_{5}^8\ \Phi_{3}^4\ \Phi_{1}^8$
106975	1528	459	$\frac{2}{153}$	$\frac{77}{459}$	$\frac{151}{459}$	$\frac{1}{3}$	$\Phi_{459}^3\ \Phi_{153}^4\ \Phi_{51}^4\ \Phi_{27}^3\ \Phi_{17}^4\ \Phi_{9}^4\ \Phi_{3}^3\ \Phi_{1}^4$
106976	1528	567	$\frac{4}{189}$	$\frac{1}{9}$	$\frac{185}{567}$	$\frac{1}{3}$	$\Phi_{567}^4\ \Phi_{81}^4\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
106977	1528	1125	$\frac{14}{375}$	$\frac{1}{15}$	$\frac{361}{1125}$	$\frac{1}{3}$	$\Phi_{1125}^2\ \Phi_{225}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
106978	1528	561	$\frac{8}{187}$	$\frac{1}{17}$	$\frac{179}{561}$	$\frac{1}{3}$	$\Phi_{561}^2\ \Phi_{187}^4\ \Phi_{51}^3\ \Phi_{33}^2\ \Phi_{17}^4\ \Phi_{11}^4\ \Phi_{3}^2\ \Phi_{1}^4$
106979	1528	405	$\frac{2}{45}$	$\frac{23}{405}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{405}^4\ \Phi_{135}^3\ \Phi_{81}^4\ \Phi_{45}^4\ \Phi_{27}^3\ \Phi_{15}^4\ \Phi_{9}^4\ \Phi_{5}^4\ \Phi_{3}^3\ \Phi_{1}^4$
106980	1528	783	$\frac{19}{783}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{783}^2\ \Phi_{261}^2\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
106981	1528	270	$\frac{1}{45}$	$\frac{11}{90}$	$\frac{79}{270}$	$\frac{1}{3}$	$\Phi_{270}^8\ \Phi_{135}^8\ \Phi_{54}^8\ \Phi_{45}^2\ \Phi_{27}^8\ \Phi_{15}^2\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
106982	1528	1071	$\frac{1}{51}$	$\frac{50}{357}$	$\frac{307}{1071}$	$\frac{1}{3}$	$\Phi_{1071}^2\ \Phi_{153}^2\ \Phi_{63}^2\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
106983	1528	255	$\frac{1}{85}$	$\frac{21}{85}$	$\frac{64}{255}$	$\frac{1}{3}$	$\Phi_{255}^5\ \Phi_{85}^8\ \Phi_{51}^5\ \Phi_{17}^8\ \Phi_{15}^5\ \Phi_{5}^8\ \Phi_{3}^4\ \Phi_{1}^8$
106984	1528	225	$\frac{1}{45}$	$\frac{34}{225}$	$\frac{11}{45}$	$\frac{1}{3}$	$\Phi_{225}^8\ \Phi_{75}^8\ \Phi_{45}^2\ \Phi_{25}^8\ \Phi_{15}^2\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
106985	1528	252	$\frac{2}{63}$	$\frac{1}{9}$	$\frac{61}{252}$	$\frac{1}{3}$	$\Phi_{252}^8\ \Phi_{126}^8\ \Phi_{84}^8\ \Phi_{42}^8\ \Phi_{36}^8\ \Phi_{28}^8\ \Phi_{18}^8\ \Phi_{14}^8\ \Phi_{12}^8\ \Phi_{9}^2\ \Phi_{6}^8\ \Phi_{4}^8\ \Phi_{3}\ \Phi_{2}^8\ \Phi_{1}^2$
106986	1528	204	$\frac{1}{17}$	$\frac{13}{204}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{204}^8\ \Phi_{102}^8\ \Phi_{68}^8\ \Phi_{51}^5\ \Phi_{34}^8\ \Phi_{17}^8\ \Phi_{12}^8\ \Phi_{6}^8\ \Phi_{4}^8\ \Phi_{3}^4\ \Phi_{2}^8\ \Phi_{1}^8$
106987	1528	495	$\frac{2}{45}$	$\frac{43}{495}$	$\frac{113}{495}$	$\frac{1}{3}$	$\Phi_{495}^3\ \Phi_{165}^3\ \Phi_{99}^3\ \Phi_{55}^3\ \Phi_{45}^4\ \Phi_{33}^3\ \Phi_{15}^4\ \Phi_{11}^3\ \Phi_{9}^4\ \Phi_{5}^4\ \Phi_{3}^3\ \Phi_{1}^4$
106988	1528	198	$\frac{7}{198}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{198}^8\ \Phi_{99}^8\ \Phi_{66}^8\ \Phi_{33}^8\ \Phi_{22}^8\ \Phi_{18}^8\ \Phi_{11}^8\ \Phi_{9}^2\ \Phi_{6}^8\ \Phi_{3}\ \Phi_{2}^8\ \Phi_{1}^2$
106989	1528	819	$\frac{7}{117}$	$\frac{55}{819}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{819}^2\ \Phi_{273}^2\ \Phi_{117}\ \Phi_{91}^2\ \Phi_{63}^2\ \Phi_{39}\ \Phi_{21}^2\ \Phi_{13}\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{3}\ \Phi_{1}^2$
106990	1528	195	$\frac{4}{195}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{195}^8\ \Phi_{65}^8\ \Phi_{39}^8\ \Phi_{15}^5\ \Phi_{13}^8\ \Phi_{5}^8\ \Phi_{3}^4\ \Phi_{1}^8$
106991	1528	1425	$\frac{2}{95}$	$\frac{93}{475}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1425}^2\ \Phi_{75}^2\ \Phi_{15}$
106992	1528	1140	$\frac{1}{38}$	$\frac{37}{228}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}\ \Phi_{380}^2\ \Phi_{285}\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{5}^2$
106993	1528	855	$\frac{4}{95}$	$\frac{91}{855}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{855}^2\ \Phi_{285}\ \Phi_{171}^2\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{45}^2\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
106994	1528	600	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{150}^4\ \Phi_{120}^4\ \Phi_{75}^4\ \Phi_{60}^4\ \Phi_{24}^4\ \Phi_{15}\ \Phi_{12}^4$
106995	1528	3135	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3135}\ \Phi_{165}\ \Phi_{15}$
106996	1528	945	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{181}{945}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{15}^2\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
106997	1528	825	$\frac{1}{15}$	$\frac{61}{825}$	$\frac{14}{75}$	$\frac{1}{3}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
106998	1528	2805	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{171}{935}$	$\frac{1}{3}$	$\Phi_{2805}\ \Phi_{255}\ \Phi_{165}\ \Phi_{51}\ \Phi_{15}$
106999	1528	225	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{34}{225}$	$\frac{1}{3}$	$\Phi_{225}^8\ \Phi_{75}^4\ \Phi_{45}^8\ \Phi_{25}^4\ \Phi_{15}^6\ \Phi_{9}^8\ \Phi_{5}^6\ \Phi_{3}^5\ \Phi_{1}^6$
107000	1528	405	$\frac{23}{405}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^4\ \Phi_{45}^4\ \Phi_{15}^4\ \Phi_{9}^2\ \Phi_{5}^4\ \Phi_{3}\ \Phi_{1}^2$
107001	1528	441	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{59}{441}$	$\frac{1}{3}$	$\Phi_{441}^4\ \Phi_{147}^4\ \Phi_{49}^4\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
107002	1528	819	$\frac{55}{819}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{3}$	$\Phi_{819}^2\ \Phi_{273}^2\ \Phi_{117}^2\ \Phi_{91}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
107003	1528	216	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{25}{216}$	$\frac{1}{3}$	$\Phi_{216}^8\ \Phi_{108}^8\ \Phi_{72}^8\ \Phi_{54}^8\ \Phi_{36}^8\ \Phi_{24}^8\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^2\ \Phi_8^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
107004	1528	630	$\frac{19}{210}$	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^2\ \Phi_{126}^3\ \Phi_{105}^2\ \Phi_{90}^3\ \Phi_{70}^2\ \Phi_{45}^3\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107005	1528	216	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{25}{216}$	$\frac{11}{36}$	$\Phi_{216}^8\ \Phi_{108}^8\ \Phi_{72}^8\ \Phi_{54}^8\ \Phi_{36}^3\ \Phi_{27}^8\ \Phi_{24}^8\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^8\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107006	1528	720	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{60}$	$\frac{49}{240}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^2\ \Phi_{144}^3\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{72}^3\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107007	1529	3040	$\frac{9}{1520}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1511}{3040}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{160}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
107008	1529	1380	$\frac{1}{138}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{137}{276}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{276}\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{115}^2\ \Phi_{92}\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{30}^2\ \Phi_{23}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
107009	1529	1380	$\frac{1}{138}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{137}{276}$	$\Phi_{1380}^2\ \Phi_{460}^2\ \Phi_{276}^3\ \Phi_{92}^3\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
107010	1529	3024	$\frac{17}{1512}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1495}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
107011	1529	2048	$\frac{7}{512}$	$\frac{1}{8}$	$\frac{519}{2048}$	$\frac{505}{1024}$	$\Phi_{2048}\ \Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
107012	1529	3008	$\frac{25}{1504}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1479}{3008}$	$\Phi_{3008}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
107013	1529	816	$\frac{3}{136}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{133}{272}$	$\Phi_{816}^4\ \Phi_{272}^3\ \Phi_{48}^4\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
107014	1529	2976	$\frac{41}{1488}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1447}{2976}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
107015	1529	540	$\frac{4}{135}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{131}{270}$	$\Phi_{540}^3\ \Phi_{270}^2\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{90}^2\ \Phi_{60}^4\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{27}^3\ \Phi_{20}^4\ \Phi_{18}^2\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
107016	1529	168	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{29}{168}$	$\frac{27}{56}$	$\Phi_{168}^7\ \Phi_{84}^{11}\ \Phi_{56}^8\ \Phi_{42}^{11}\ \Phi_{28}^{11}\ \Phi_{24}^7\ \Phi_{21}^{11}\ \Phi_{14}^{11}\ \Phi_{12}^{10}\ \Phi_8^8\ \Phi_7^{11}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
107017	1529	2944	$\frac{57}{1472}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1415}{2944}$	$\Phi_{2944}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
107018	1529	1596	$\frac{6}{133}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{127}{266}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{228}\ \Phi_{133}\ \Phi_{114}\ \Phi_{84}^2\ \Phi_{76}\ \Phi_{57}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{19}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
107019	1529	480	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{21}{160}$	$\frac{19}{40}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^3\ \Phi_{96}^4\ \Phi_{80}^3\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{32}^3\ \Phi_{30}^4\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
107020	1529	2880	$\frac{89}{1440}$	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1351}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
107021	1529	780	$\frac{9}{130}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{121}{260}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}^4\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{30}^4\ \Phi_{26}^2\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
107022	1529	256	$\frac{7}{128}$	$\frac{11}{128}$	$\frac{1}{8}$	$\frac{117}{256}$	$\Phi_{256}^{11}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
107023	1529	2820	$\frac{2}{141}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{2820}\ \Phi_{940}\ \Phi_{564}\ \Phi_{188}\ \Phi_{141}\ \Phi_{47}\ \Phi_{20}\ \Phi_4\ \Phi_1$
107024	1529	4140	$\frac{1}{69}$	$\frac{1}{10}$	$\frac{68}{207}$	$\frac{9}{20}$	$\Phi_{4140}\ \Phi_{828}\ \Phi_{207}\ \Phi_{180}\ \Phi_{36}\ \Phi_{20}\ \Phi_9\ \Phi_4\ \Phi_1$
107025	1529	920	$\frac{1}{46}$	$\frac{1}{10}$	$\frac{45}{184}$	$\frac{9}{20}$	$\Phi_{920}^2\ \Phi_{230}^2\ \Phi_{184}^3\ \Phi_{115}^2\ \Phi_{92}\ \Phi_{46}^2\ \Phi_{40}^2\ \Phi_{23}^2\ \Phi_{20}\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
107026	1529	720	$\frac{5}{144}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^3\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
107027	1529	3220	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{22}{161}$	$\frac{9}{20}$	$\Phi_{3220}\ \Phi_{644}\ \Phi_{161}\ \Phi_{140}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_4\ \Phi_1$
107028	1529	252	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{126}$	$\frac{113}{252}$	$\Phi_{252}^5\ \Phi_{126}^6\ \Phi_{84}^7\ \Phi_{63}^6\ \Phi_{42}^8\ \Phi_{36}^5\ \Phi_{28}^7\ \Phi_{21}^8\ \Phi_{18}^6\ \Phi_{14}^7\ \Phi_{12}^6\ \Phi_9^6\ \Phi_7^7\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
107029	1529	1824	$\frac{9}{304}$	$\frac{1}{8}$	$\frac{295}{1824}$	$\frac{7}{16}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}\ \Phi_{57}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
107030	1529	1600	$\frac{71}{1600}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
107031	1529	2688	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{185}{1344}$	$\frac{1159}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
107032	1529	240	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{19}{120}$	$\frac{101}{240}$	$\Phi_{240}^{11}\ \Phi_{80}^{11}\ \Phi_{60}^4\ \Phi_{48}^{11}\ \Phi_{30}^4\ \Phi_{20}^3\ \Phi_{16}^{11}\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
107033	1529	2560	$\frac{7}{256}$	$\frac{1}{8}$	$\frac{249}{1280}$	$\frac{1031}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
107034	1529	1260	$\frac{1}{140}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}^2\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}^2\ \Phi_{90}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
107035	1529	672	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{27}{112}$	$\frac{85}{224}$	$\Phi_{672}^4\ \Phi_{224}^3\ \Phi_{96}^4\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{21}^4\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
107036	1529	560	$\frac{1}{140}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{560}^4\ \Phi_{140}^3\ \Phi_{112}^4\ \Phi_{80}^4\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_7^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
107037	1529	144	$\frac{5}{144}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{144}^{11}\ \Phi_{72}^{11}\ \Phi_{48}^{11}\ \Phi_{36}^{11}\ \Phi_{24}^7\ \Phi_{18}^{11}\ \Phi_{16}^{11}\ \Phi_{12}^{10}\ \Phi_9^{11}\ \Phi_8^8\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
107038	1529	420	$\frac{1}{35}$	$\frac{1}{12}$	$\frac{34}{105}$	$\frac{71}{210}$	$\Phi_{420}^4\ \Phi_{210}^3\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^3\ \Phi_{60}^4\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_7^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
107039	1529	2304	$\frac{7}{384}$	$\frac{1}{8}$	$\frac{377}{1152}$	$\frac{775}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
107040	1529	2292	$\frac{1}{191}$	$\frac{190}{573}$	$\frac{763}{2292}$	$\frac{383}{1146}$	$\Phi_{2292}\ \Phi_{764}\ \Phi_{573}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
107041	1529	705	$\frac{2}{141}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{705}^2\ \Phi_{235}^2\ \Phi_{141}^3\ \Phi_{47}^3\ \Phi_{15}\ \Phi_3\ \Phi_1$
107042	1529	1035	$\frac{1}{69}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{68}{207}$	$\Phi_{1035}^2\ \Phi_{207}^3\ \Phi_{45}^2\ \Phi_{15}\ \Phi_9^3\ \Phi_3\ \Phi_1$
107043	1529	204	$\frac{3}{68}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{65}{204}$	$\Phi_{204}^7\ \Phi_{102}^7\ \Phi_{68}^8\ \Phi_{51}^7\ \Phi_{34}^8\ \Phi_{17}^8\ \Phi_{12}^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
107044	1529	180	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{41}{180}$	$\frac{19}{60}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{60}^4\ \Phi_{45}^{11}\ \Phi_{36}^{11}\ \Phi_{30}^4\ \Phi_{20}^3\ \Phi_{18}^{11}\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^{11}\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
107045	1529	168	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{29}{168}$	$\frac{13}{42}$	$\Phi_{168}^{11}\ \Phi_{84}^7\ \Phi_{56}^{11}\ \Phi_{42}^8\ \Phi_{28}^7\ \Phi_{24}^{11}\ \Phi_{21}^8\ \Phi_{14}^7\ \Phi_{12}^6\ \Phi_8^{11}\ \Phi_7^7\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
107046	1529	1728	$\frac{7}{96}$	$\frac{199}{1728}$	$\frac{1}{8}$	$\frac{89}{288}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
107047	1529	2016	$\frac{17}{504}$	$\frac{1}{8}$	$\frac{487}{2016}$	$\frac{7}{24}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
107048	1529	144	$\frac{5}{144}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{144}^{11}\ \Phi_{72}^{10}\ \Phi_{48}^{11}\ \Phi_{36}^{10}\ \Phi_{24}^{11}\ \Phi_{18}^{10}\ \Phi_{16}^{11}\ \Phi_{12}^{11}\ \Phi_9^{10}\ \Phi_8^{10}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
107049	1529	1728	$\frac{17}{216}$	$\frac{199}{1728}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
107050	1529	1680	$\frac{151}{1680}$	$\frac{17}{168}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
107051	1529	2760	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{45}{184}$	$\frac{4}{15}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{120}\ \Phi_{92}\ \Phi_{60}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
107052	1529	720	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^3\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^3\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{15}\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
107053	1529	2415	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{161}\ \Phi_{105}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_3\ \Phi_1$
107054	1529	300	$\frac{11}{150}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{300}^6\ \Phi_{150}^5\ \Phi_{100}^6\ \Phi_{75}^5\ \Phi_{60}^4\ \Phi_{50}^5\ \Phi_{30}^3\ \Phi_{25}^5\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
107055	1529	180	$\frac{1}{12}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{180}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^9\ \Phi_{45}^9\ \Phi_{36}^8\ \Phi_{30}^9\ \Phi_{20}^9\ \Phi_{18}^8\ \Phi_{15}^{10}\ \Phi_{12}^8\ \Phi_{10}^9\ \Phi_9^9\ \Phi_6^8\ \Phi_5^9\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
107056	1529	1920	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{480}$	$\frac{391}{1920}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
107057	1530	2440	$\frac{1}{305}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{152}{305}$	$\Phi_{2440}\ \Phi_{488}\ \Phi_{305}\ \Phi_{61}\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
107058	1530	2540	$\frac{1}{254}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{253}{508}$	$\Phi_{2540}\ \Phi_{508}^2\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
107059	1530	1524	$\frac{1}{254}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{253}{508}$	$\Phi_{1524}\ \Phi_{762}^2\ \Phi_{381}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
107060	1530	2704	$\frac{1}{169}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{84}{169}$	$\Phi_{2704}\ \Phi_{208}\ \Phi_{169}\ \Phi_{16}^2\ \Phi_{13}\ \Phi_1^2$
107061	1530	676	$\frac{1}{169}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{84}{169}$	$\Phi_{676}^2\ \Phi_{338}^2\ \Phi_{169}^3\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{13}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
107062	1530	2736	$\frac{1}{152}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{151}{304}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}^2\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
107063	1530	912	$\frac{1}{152}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{151}{304}$	$\Phi_{912}^{3}\ \Phi_{304}^{4}\ \Phi_{48}^{3}\ \Phi_{16}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
107064	1530	278	$\frac{1}{139}$	$\frac{14}{139}$	$\frac{125}{278}$	$\frac{69}{139}$	$\Phi_{278}^{10}\ \Phi_{139}\ \Phi_{2}^{10}\ \Phi_{1}^{2}$
107065	1530	506	$\frac{2}{253}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{251}{506}$	$\Phi_{506}^{6}\ \Phi_{46}^{6}\ \Phi_{22}^{6}\ \Phi_{11}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
107066	1530	1529	$\frac{13}{1529}$	$\frac{257}{1529}$	$\frac{424}{1529}$	$\frac{758}{1529}$	$\Phi_{1529}\ \Phi_{139}\ \Phi_{11}\ \Phi_{1}^{2}$
107067	1530	2044	$\frac{5}{511}$	$\frac{86}{511}$	$\frac{1}{4}$	$\frac{253}{511}$	$\Phi_{2044}\ \Phi_{1022}\ \Phi_{292}\ \Phi_{146}\ \Phi_{28}\ \Phi_{14}$
107068	1530	2828	$\frac{1}{101}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{50}{101}$	$\Phi_{2828}\ \Phi_{404}\ \Phi_{101}\ \Phi_{28}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
107069	1530	707	$\frac{1}{101}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{50}{101}$	$\Phi_{707}^{2}\ \Phi_{101}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
107070	1530	1212	$\frac{1}{101}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{50}{101}$	$\Phi_{1212}^{2}\ \Phi_{606}\ \Phi_{404}\ \Phi_{303}\ \Phi_{101}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
107071	1530	2848	$\frac{1}{89}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{44}{89}$	$\Phi_{2848}\ \Phi_{89}\ \Phi_{32}^{2}\ \Phi_{1}^{2}$
107072	1530	2136	$\frac{1}{89}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{44}{89}$	$\Phi_{2136}\ \Phi_{1068}\ \Phi_{534}\ \Phi_{267}\ \Phi_{89}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
107073	1530	1780	$\frac{1}{89}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{44}{89}$	$\Phi_{1780}\ \Phi_{890}\ \Phi_{445}\ \Phi_{89}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
107074	1530	2856	$\frac{1}{84}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{83}{168}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{168}^{2}\ \Phi_{136}\ \Phi_{56}^{2}\ \Phi_{24}^{2}\ \Phi_{17}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
107075	1530	840	$\frac{1}{84}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{83}{168}$	$\Phi_{840}^{4}\ \Phi_{280}^{4}\ \Phi_{168}^{2}\ \Phi_{120}^{4}\ \Phi_{56}^{2}\ \Phi_{40}^{4}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{15}\ \Phi_{8}^{2}\ \Phi_{6}$
107076	1530	2856	$\frac{1}{84}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{83}{168}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{168}^{2}\ \Phi_{136}\ \Phi_{56}^{2}\ \Phi_{24}^{2}\ \Phi_{17}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
107077	1530	168	$\frac{1}{84}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{83}{168}$	$\Phi_{168}^{18}\ \Phi_{56}^{18}\ \Phi_{28}\ \Phi_{24}^{18}\ \Phi_{14}\ \Phi_{8}^{18}$
107078	1530	292	$\frac{1}{73}$	$\frac{37}{292}$	$\frac{1}{4}$	$\frac{36}{73}$	$\Phi_{292}^{5}\ \Phi_{146}^{5}\ \Phi_{73}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
107079	1530	1529	$\frac{21}{1529}$	$\frac{155}{1529}$	$\frac{458}{1529}$	$\frac{754}{1529}$	$\Phi_{1529}\ \Phi_{139}\ \Phi_{11}\ \Phi_{1}^{2}$
107080	1530	1842	$\frac{5}{307}$	$\frac{1}{6}$	$\frac{52}{307}$	$\frac{151}{307}$	$\Phi_{1842}\ \Phi_{921}\ \Phi_{614}$
107081	1530	1529	$\frac{25}{1529}$	$\frac{254}{1529}$	$\frac{259}{1529}$	$\frac{752}{1529}$	$\Phi_{1529}\ \Phi_{139}\ \Phi_{11}\ \Phi_{1}^{2}$
107082	1530	570	$\frac{1}{57}$	$\frac{1}{10}$	$\frac{29}{114}$	$\frac{28}{57}$	$\Phi_{570}^{3}\ \Phi_{285}^{3}\ \Phi_{190}^{3}\ \Phi_{114}\ \Phi_{95}^{3}\ \Phi_{57}^{2}\ \Phi_{38}\ \Phi_{30}^{3}\ \Phi_{19}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{6}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
107083	1530	2044	$\frac{9}{511}$	$\frac{52}{511}$	$\frac{1}{4}$	$\frac{251}{511}$	$\Phi_{2044}\ \Phi_{1022}\ \Phi_{292}\ \Phi_{146}\ \Phi_{28}\ \Phi_{14}$
107084	1530	2900	$\frac{1}{50}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{49}{100}$	$\Phi_{2900}\ \Phi_{580}\ \Phi_{116}\ \Phi_{100}^{2}\ \Phi_{29}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
107085	1530	1200	$\frac{1}{50}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{1200}^{2}\ \Phi_{600}^{2}\ \Phi_{300}\ \Phi_{240}^{2}\ \Phi_{150}^{2}\ \Phi_{120}^{2}\ \Phi_{75}^{2}\ \Phi_{60}\ \Phi_{48}^{3}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
107086	1530	2900	$\frac{1}{50}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{49}{100}$	$\Phi_{2900}\ \Phi_{580}\ \Phi_{116}\ \Phi_{100}^{2}\ \Phi_{29}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
107087	1530	1100	$\frac{1}{50}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{49}{100}$	$\Phi_{1100}\ \Phi_{550}^{2}\ \Phi_{275}^{2}\ \Phi_{220}\ \Phi_{110}^{2}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{3}\ \Phi_{11}^{2}$
107088	1530	2900	$\frac{1}{50}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{49}{100}$	$\Phi_{2900}\ \Phi_{580}\ \Phi_{116}\ \Phi_{100}^{2}\ \Phi_{29}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
107089	1530	2100	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{49}{100}$	$\Phi_{2100}^{2}\ \Phi_{700}\ \Phi_{420}^{2}\ \Phi_{140}\ \Phi_{84}^{2}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
107090	1530	264	$\frac{1}{44}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{43}{88}$	$\Phi_{264}^{11}\ \Phi_{88}^{12}\ \Phi_{33}\ \Phi_{24}^{11}\ \Phi_{11}\ \Phi_{8}^{12}\ \Phi_{3}\ \Phi_{1}^{2}$
107091	1530	792	$\frac{1}{44}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{792}^{4}\ \Phi_{264}^{3}\ \Phi_{88}^{4}\ \Phi_{72}^{4}\ \Phi_{24}^{3}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
107092	1530	88	$\frac{1}{44}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{43}{88}$	$\Phi_{88}^{34}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{8}^{34}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
107093	1530	3472	$\frac{7}{248}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{241}{496}$	$\Phi_{3472}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
107094	1530	66	$\frac{1}{33}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{16}{33}$	$\Phi_{66}^{22}\ \Phi_{33}^{23}\ \Phi_{22}^{24}\ \Phi_{11}^{25}\ \Phi_{6}^{22}\ \Phi_{3}^{23}\ \Phi_{2}^{24}\ \Phi_{1}^{26}$
107095	1530	528	$\frac{1}{33}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{176}^{3}\ \Phi_{132}^{2}\ \Phi_{88}^{3}\ \Phi_{66}^{2}\ \Phi_{48}^{3}\ \Phi_{44}^{2}\ \Phi_{33}^{3}\ \Phi_{24}^{3}\ \Phi_{22}^{2}\ \Phi_{16}^{6}\ \Phi_{12}^{2}\ \Phi_{11}^{3}\ \Phi_{8}^{6}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
107096	1530	33	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{16}{33}$	$\Phi_{33}^{45}\ \Phi_{11}^{49}\ \Phi_{3}^{45}\ \Phi_{1}^{50}$
107097	1530	330	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{16}{33}$	$\Phi_{330}^{5}\ \Phi_{165}^{5}\ \Phi_{110}^{5}\ \Phi_{66}^{2}\ \Phi_{55}^{5}\ \Phi_{33}^{3}\ \Phi_{30}^{7}\ \Phi_{22}^{2}\ \Phi_{15}^{7}\ \Phi_{11}^{3}\ \Phi_{10}^{6}\ \Phi_{6}^{3}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
107098	1530	308	$\frac{5}{154}$	$\frac{1}{11}$	$\frac{53}{308}$	$\frac{149}{308}$	$\Phi_{308}^{4}\ \Phi_{154}^{6}\ \Phi_{77}^{6}\ \Phi_{44}^{4}\ \Phi_{28}^{4}\ \Phi_{22}^{6}\ \Phi_{14}^{6}\ \Phi_{11}^{5}\ \Phi_{7}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
107099	1530	725	$\frac{1}{29}$	$\frac{1}{25}$	$\frac{8}{25}$	$\frac{14}{29}$	$\Phi_{725}^{2}\ \Phi_{145}^{2}\ \Phi_{29}^{3}\ \Phi_{25}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
107100	1530	1044	$\frac{1}{29}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{1044}^2\ \Phi_{522}\ \Phi_{348}^2\ \Phi_{261}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{36}^4\ \Phi_{29}\ \Phi_{18}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
107101	1530	1595	$\frac{1}{29}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{14}{29}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{55}^2\ \Phi_{29}\ \Phi_{11}^2\ \Phi_1^2$
107102	1530	580	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{14}{29}$	$\Phi_{580}^3\ \Phi_{290}^2\ \Phi_{145}^2\ \Phi_{116}^3\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_{20}^6\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
107103	1530	278	$\frac{5}{139}$	$\frac{23}{278}$	$\frac{24}{139}$	$\frac{67}{139}$	$\Phi_{278}^6\ \Phi_{139}^5\ \Phi_2^6\ \Phi_1^6$
107104	1530	1529	$\frac{53}{1529}$	$\frac{61}{1529}$	$\frac{492}{1529}$	$\frac{734}{1529}$	$\Phi_{1529}\ \Phi_{139}\ \Phi_{11}\ \Phi_1^2$
107105	1530	1078	$\frac{2}{49}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{47}{98}$	$\Phi_{1078}^3\ \Phi_{154}^3\ \Phi_{77}\ \Phi_{22}^3$
107106	1530	1529	$\frac{47}{1529}$	$\frac{69}{1529}$	$\frac{494}{1529}$	$\frac{730}{1529}$	$\Phi_{1529}\ \Phi_{139}\ \Phi_{11}\ \Phi_1^2$
107107	1530	176	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{23}{176}$	$\frac{21}{44}$	$\Phi_{176}^{10}\ \Phi_{88}^{10}\ \Phi_{22}^{10}\ \Phi_{16}^{10}\ \Phi_{11}^9\ \Phi_8^{10}\ \Phi_2^{10}\ \Phi_1^{10}$
107108	1530	1463	$\frac{67}{1463}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{698}{1463}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{133}\ \Phi_{77}^2\ \Phi_{19}\ \Phi_{11}\ \Phi_7^2\ \Phi_1^2$
107109	1530	1529	$\frac{73}{1529}$	$\frac{89}{1529}$	$\frac{288}{1529}$	$\frac{728}{1529}$	$\Phi_{1529}\ \Phi_{139}\ \Phi_{11}\ \Phi_1^2$
107110	1530	1648	$\frac{5}{103}$	$\frac{1}{16}$	$\frac{18}{103}$	$\frac{49}{103}$	$\Phi_{1648}\ \Phi_{824}\ \Phi_{412}\ \Phi_{206}$
107111	1530	810	$\frac{4}{81}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{77}{162}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^3\ \Phi_{81}^2\ \Phi_{45}^3\ \Phi_{30}^3\ \Phi_{27}^2\ \Phi_{18}\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
107112	1530	190	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{2}{19}$	$\frac{9}{19}$	$\Phi_{190}^9\ \Phi_{95}^9\ \Phi_{38}^9\ \Phi_{10}^8\ \Phi_5^8\ \Phi_2^8$
107113	1530	1529	$\frac{81}{1529}$	$\frac{152}{1529}$	$\frac{161}{1529}$	$\frac{724}{1529}$	$\Phi_{1529}\ \Phi_{139}\ \Phi_{11}\ \Phi_1^2$
107114	1530	1638	$\frac{5}{91}$	$\frac{1}{18}$	$\frac{16}{91}$	$\frac{43}{91}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{234}\ \Phi_{182}\ \Phi_{126}\ \Phi_{117}\ \Phi_{78}\ \Phi_{63}\ \Phi_{42}\ \Phi_{39}\ \Phi_{26}\ \Phi_{21}\ \Phi_{14}$
107115	1530	1842	$\frac{17}{307}$	$\frac{18}{307}$	$\frac{1}{6}$	$\frac{145}{307}$	$\Phi_{1842}\ \Phi_{921}\ \Phi_{614}$
107116	1530	1529	$\frac{84}{1529}$	$\frac{85}{1529}$	$\frac{269}{1529}$	$\frac{722}{1529}$	$\Phi_{1529}\ \Phi_{139}\ \Phi_{11}\ \Phi_1^2$
107117	1530	2044	$\frac{18}{511}$	$\frac{29}{511}$	$\frac{1}{4}$	$\frac{241}{511}$	$\Phi_{2044}\ \Phi_{1022}\ \Phi_{292}\ \Phi_{146}\ \Phi_{28}\ \Phi_{14}$
107118	1530	1479	$\frac{2}{87}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{1479}\ \Phi_{493}\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{17}\ \Phi_1^2$
107119	1530	2142	$\frac{1}{42}$	$\frac{1}{17}$	$\frac{41}{126}$	$\frac{8}{17}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{306}\ \Phi_{153}\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_1^2$
107120	1530	1496	$\frac{3}{88}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{374}\ \Phi_{187}\ \Phi_{136}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{17}\ \Phi_{11}^2\ \Phi_8^2\ \Phi_1^2$
107121	1530	1904	$\frac{1}{28}$	$\frac{1}{17}$	$\frac{27}{112}$	$\frac{8}{17}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{272}\ \Phi_{136}\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
107122	1530	357	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{4}{21}$	$\frac{8}{17}$	$\Phi_{357}^4\ \Phi_{119}^4\ \Phi_{51}^4\ \Phi_{21}^8\ \Phi_{17}^5\ \Phi_7^8\ \Phi_3^8\ \Phi_1^{10}$
107123	1530	306	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{306}^5\ \Phi_{153}^5\ \Phi_{102}^4\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{18}^{10}\ \Phi_{17}^5\ \Phi_9^{10}\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
107124	1530	1547	$\frac{1}{17}$	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{8}{17}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{91}^2\ \Phi_{17}\ \Phi_{13}^2\ \Phi_1^2$
107125	1530	1666	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{8}{17}$	$\Phi_{1666}\ \Phi_{833}\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{17}\ \Phi_1^2$
107126	1530	1632	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{8}{17}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{136}\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
107127	1530	2208	$\frac{1}{46}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{2208}^2\ \Phi_{138}\ \Phi_{96}\ \Phi_{69}\ \Phi_6$
107128	1530	2848	$\frac{2}{89}$	$\frac{1}{16}$	$\frac{29}{89}$	$\frac{15}{32}$	$\Phi_{2848}\ \Phi_{89}\ \Phi_{32}^2\ \Phi_1^2$
107129	1530	992	$\frac{1}{31}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{992}^3\ \Phi_{124}\ \Phi_{62}$
107130	1530	2848	$\frac{4}{89}$	$\frac{1}{16}$	$\frac{17}{89}$	$\frac{15}{32}$	$\Phi_{2848}\ \Phi_{89}\ \Phi_{32}^2\ \Phi_1^2$
107131	1530	1824	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{1824}^2\ \Phi_{608}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
107132	1530	2848	$\frac{5}{89}$	$\frac{1}{16}$	$\frac{14}{89}$	$\frac{15}{32}$	$\Phi_{2848}\ \Phi_{89}\ \Phi_{32}^2\ \Phi_1^2$
107133	1530	224	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{224}^{15}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
107134	1530	2848	$\frac{1}{16}$	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{15}{32}$	$\Phi_{2848}\ \Phi_{89}\ \Phi_{32}^2\ \Phi_1^2$
107135	1530	1760	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{15}{32}$	$\Phi_{1760}^2\ \Phi_{352}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
107136	1530	1529	$\frac{74}{1529}$	$\frac{97}{1529}$	$\frac{271}{1529}$	$\frac{716}{1529}$	$\Phi_{1529}\ \Phi_{139}\ \Phi_{11}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
107137	1530	2044	$\frac{16}{511}$	$\frac{33}{511}$	$\frac{1}{4}$	$\frac{239}{511}$	$\Phi_{2044}\ \Phi_{1022}\ \Phi_{292}\ \Phi_{146}\ \Phi_{28}\ \Phi_{14}$
107138	1530	286	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{133}{286}$	$\Phi_{286}^{10}\ \Phi_{26}^{10}\ \Phi_{22}^{10}\ \Phi_{11}^{9}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
107139	1530	1092	$\frac{1}{52}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{1092}^{2}\ \Phi_{546}^{2}\ \Phi_{273}^{2}\ \Phi_{156}^{3}\ \Phi_{84}\ \Phi_{78}^{3}\ \Phi_{42}^{2}\ \Phi_{39}^{3}\ \Phi_{21}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
107140	1530	2828	$\frac{2}{101}$	$\frac{1}{14}$	$\frac{33}{101}$	$\frac{13}{28}$	$\Phi_{2828}\ \Phi_{404}\ \Phi_{101}\ \Phi_{28}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
107141	1530	140	$\frac{1}{35}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{140}^{8}\ \Phi_{70}^{15}\ \Phi_{35}^{14}\ \Phi_{28}^{7}\ \Phi_{20}^{8}\ \Phi_{14}^{13}\ \Phi_{10}^{15}\ \Phi_{7}^{12}\ \Phi_{5}^{14}\ \Phi_{4}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
107142	1530	2828	$\frac{5}{101}$	$\frac{1}{14}$	$\frac{16}{101}$	$\frac{13}{28}$	$\Phi_{2828}\ \Phi_{404}\ \Phi_{101}\ \Phi_{28}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
107143	1530	252	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{252}^{12}\ \Phi_{126}\ \Phi_{84}^{12}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}^{12}\ \Phi_{28}^{6}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^{12}\ \Phi_{4}^{6}$
107144	1530	616	$\frac{1}{14}$	$\frac{5}{56}$	$\frac{1}{11}$	$\frac{13}{28}$	$\Phi_{616}^{3}\ \Phi_{308}^{2}\ \Phi_{154}^{3}\ \Phi_{88}^{3}\ \Phi_{77}^{3}\ \Phi_{44}^{2}\ \Phi_{22}^{3}\ \Phi_{11}^{2}$
107145	1530	468	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{6}{13}$	$\Phi_{468}^{4}\ \Phi_{234}^{3}\ \Phi_{156}^{4}\ \Phi_{117}^{3}\ \Phi_{78}^{3}\ \Phi_{52}^{2}\ \Phi_{39}^{3}\ \Phi_{36}^{4}\ \Phi_{26}\ \Phi_{18}^{2}\ \Phi_{13}^{2}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
107146	1530	1529	$\frac{49}{1529}$	$\frac{137}{1529}$	$\frac{296}{1529}$	$\frac{696}{1529}$	$\Phi_{1529}\ \Phi_{139}\ \Phi_{11}\ \Phi_{1}^{2}$
107147	1530	1012	$\frac{6}{253}$	$\frac{1}{11}$	$\frac{247}{1012}$	$\frac{5}{11}$	$\Phi_{1012}^{2}\ \Phi_{506}^{2}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
107148	1530	88	$\frac{3}{88}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{88}^{18}\ \Phi_{44}^{18}\ \Phi_{22}^{18}\ \Phi_{11}^{13}\ \Phi_{8}^{18}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{14}$
107149	1530	3080	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{140}$	$\frac{127}{280}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{22}$
107150	1530	1638	$\frac{1}{18}$	$\frac{9}{91}$	$\frac{10}{91}$	$\frac{41}{91}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{234}\ \Phi_{182}\ \Phi_{126}\ \Phi_{117}\ \Phi_{78}\ \Phi_{63}\ \Phi_{42}\ \Phi_{39}\ \Phi_{26}\ \Phi_{21}\ \Phi_{14}$
107151	1530	278	$\frac{9}{139}$	$\frac{13}{139}$	$\frac{14}{139}$	$\frac{125}{278}$	$\Phi_{278}^{10}\ \Phi_{139}\ \Phi_{2}^{10}\ \Phi_{1}^{2}$
107152	1530	154	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{8}{77}$	$\frac{69}{154}$	$\Phi_{154}^{18}\ \Phi_{77}^{2}\ \Phi_{22}^{18}\ \Phi_{14}^{18}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{2}^{18}\ \Phi_{1}^{2}$
107153	1530	1529	$\frac{80}{1529}$	$\frac{161}{1529}$	$\frac{169}{1529}$	$\frac{684}{1529}$	$\Phi_{1529}\ \Phi_{139}\ \Phi_{11}\ \Phi_{1}^{2}$
107154	1530	1842	$\frac{10}{307}$	$\frac{33}{307}$	$\frac{1}{6}$	$\frac{137}{307}$	$\Phi_{1842}\ \Phi_{921}\ \Phi_{614}$
107155	1530	684	$\frac{1}{76}$	$\frac{1}{9}$	$\frac{25}{76}$	$\frac{4}{9}$	$\Phi_{684}^{2}\ \Phi_{342}^{2}\ \Phi_{228}^{2}\ \Phi_{171}^{2}\ \Phi_{114}^{2}\ \Phi_{76}^{4}\ \Phi_{57}^{2}\ \Phi_{38}^{4}\ \Phi_{36}^{2}\ \Phi_{19}^{4}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
107156	1530	468	$\frac{1}{52}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{156}^{3}\ \Phi_{117}^{3}\ \Phi_{78}^{3}\ \Phi_{52}^{6}\ \Phi_{39}^{3}\ \Phi_{36}^{2}\ \Phi_{26}^{6}\ \Phi_{18}^{2}\ \Phi_{13}^{6}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
107157	1530	1710	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{37}{190}$	$\frac{4}{9}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{285}\ \Phi_{190}^{2}\ \Phi_{95}^{2}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
107158	1530	1440	$\frac{7}{160}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}^{2}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}^{2}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
107159	1530	171	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{171}^{8}\ \Phi_{57}^{8}\ \Phi_{19}^{16}\ \Phi_{9}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{18}$
107160	1530	90	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{90}^{19}\ \Phi_{45}^{19}\ \Phi_{30}^{19}\ \Phi_{18}^{9}\ \Phi_{15}^{19}\ \Phi_{10}^{18}\ \Phi_{9}^{10}\ \Phi_{6}^{9}\ \Phi_{5}^{18}\ \Phi_{3}^{10}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
107161	1530	760	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{9}{76}$	$\frac{67}{152}$	$\Phi_{760}^{4}\ \Phi_{190}\ \Phi_{152}^{2}\ \Phi_{95}\ \Phi_{40}^{4}\ \Phi_{38}\ \Phi_{8}^{2}$
107162	1530	2064	$\frac{1}{86}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2064}^{2}\ \Phi_{258}\ \Phi_{129}\ \Phi_{48}\ \Phi_{6}$
107163	1530	2704	$\frac{4}{169}$	$\frac{1}{8}$	$\frac{33}{169}$	$\frac{7}{16}$	$\Phi_{2704}\ \Phi_{208}\ \Phi_{169}\ \Phi_{16}^{2}\ \Phi_{13}\ \Phi_{1}^{2}$
107164	1530	1680	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{1680}^{2}\ \Phi_{560}\ \Phi_{336}^{2}\ \Phi_{240}^{2}\ \Phi_{210}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
107165	1530	2704	$\frac{9}{169}$	$\frac{16}{169}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2704}\ \Phi_{208}\ \Phi_{169}\ \Phi_{16}^{2}\ \Phi_{13}\ \Phi_{1}^{2}$
107166	1530	1584	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1584}^{2}\ \Phi_{528}^{2}\ \Phi_{198}\ \Phi_{176}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
107167	1530	1456	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1456}^{2}\ \Phi_{208}\ \Phi_{112}^{2}\ \Phi_{91}^{2}\ \Phi_{16}^{2}\ \Phi_{13}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
107168	1530	2730	$\frac{1}{91}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{2730}\ \Phi_{910}\ \Phi_{546}\ \Phi_{390}\ \Phi_{273}\ \Phi_{210}\ \Phi_{182}\ \Phi_{130}\ \Phi_{78}\ \Phi_{70}\ \Phi_{42}\ \Phi_{39}\ \Phi_{26}\ \Phi_{21}\ \Phi_{14}$
107169	1530	690	$\frac{1}{46}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{690}^{2}\ \Phi_{345}^{2}\ \Phi_{230}^{3}\ \Phi_{138}^{2}\ \Phi_{115}^{3}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{23}^{2}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
107170	1530	1529	$\frac{17}{1529}$	$\frac{205}{1529}$	$\frac{504}{1529}$	$\frac{662}{1529}$	$\Phi_{1529}\ \Phi_{139}\ \Phi_{11}\ \Phi_{1}^{2}$
107171	1530	448	$\frac{1}{32}$	$\frac{31}{224}$	$\frac{1}{7}$	$\frac{193}{448}$	$\Phi_{448}^{6}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}^{6}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
107172	1530	1036	$\frac{4}{259}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1036}^2\ \Phi_{518}^2\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{28}\ \Phi_{14}$
107173	1530	966	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{322}\ \Phi_{161}\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{42}^2\ \Phi_{14}\ \Phi_6^2$
107174	1530	882	$\frac{1}{18}$	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{294}^2\ \Phi_{147}^2\ \Phi_{126}\ \Phi_{98}^2\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
107175	1530	234	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{26}$	$\Phi_{234}^7\ \Phi_{117}^7\ \Phi_{78}^7\ \Phi_{39}^7\ \Phi_{26}\ \Phi_{18}^6\ \Phi_{13}^6\ \Phi_9^6\ \Phi_6^6\ \Phi_3^6\ \Phi_1^6$
107176	1530	88	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{7}{44}$	$\frac{37}{88}$	$\Phi_{88}^{30}\ \Phi_{22}^{10}\ \Phi_{11}^9\ \Phi_8^{30}\ \Phi_2^{10}\ \Phi_1^{10}$
107177	1530	1612	$\frac{1}{52}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{1612}\ \Phi_{806}\ \Phi_{403}\ \Phi_{124}\ \Phi_{62}$
107178	1530	292	$\frac{1}{73}$	$\frac{12}{73}$	$\frac{1}{4}$	$\frac{61}{146}$	$\Phi_{292}^7\ \Phi_{146}\ \Phi_{73}^6\ \Phi_4^6\ \Phi_1^6$
107179	1530	2184	$\frac{1}{91}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{182}\ \Phi_{168}\ \Phi_{104}\ \Phi_{78}\ \Phi_{56}\ \Phi_{42}\ \Phi_{39}\ \Phi_{26}\ \Phi_{21}\ \Phi_{14}$
107180	1530	1529	$\frac{53}{1529}$	$\frac{164}{1529}$	$\frac{273}{1529}$	$\frac{628}{1529}$	$\Phi_{1529}\ \Phi_{139}\ \Phi_{11}\ \Phi_1^2$
107181	1530	1638	$\frac{1}{18}$	$\frac{6}{91}$	$\frac{17}{91}$	$\frac{37}{91}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{234}\ \Phi_{182}\ \Phi_{126}\ \Phi_{117}\ \Phi_{78}\ \Phi_{63}\ \Phi_{42}\ \Phi_{39}\ \Phi_{26}\ \Phi_{21}\ \Phi_{14}$
107182	1530	1529	$\frac{84}{1529}$	$\frac{101}{1529}$	$\frac{289}{1529}$	$\frac{620}{1529}$	$\Phi_{1529}\ \Phi_{139}\ \Phi_{11}\ \Phi_1^2$
107183	1530	570	$\frac{2}{57}$	$\frac{1}{10}$	$\frac{11}{57}$	$\frac{23}{57}$	$\Phi_{570}^3\ \Phi_{285}^3\ \Phi_{190}^3\ \Phi_{114}^3\ \Phi_{95}^3\ \Phi_{38}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_2^2$
107184	1530	1529	$\frac{24}{1529}$	$\frac{301}{1529}$	$\frac{305}{1529}$	$\frac{614}{1529}$	$\Phi_{1529}\ \Phi_{139}\ \Phi_{11}\ \Phi_1^2$
107185	1530	2044	$\frac{6}{511}$	$\frac{101}{511}$	$\frac{1}{4}$	$\frac{205}{511}$	$\Phi_{2044}\ \Phi_{1022}\ \Phi_{292}\ \Phi_{146}\ \Phi_{28}\ \Phi_{14}$
107186	1530	635	$\frac{1}{127}$	$\frac{1}{5}$	$\frac{42}{127}$	$\frac{2}{5}$	$\Phi_{635}^2\ \Phi_{127}^4\ \Phi_5^3\ \Phi_1^6$
107187	1530	860	$\frac{1}{86}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{860}^2\ \Phi_{430}\ \Phi_{215}\ \Phi_{172}^4\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
107188	1530	635	$\frac{2}{127}$	$\frac{25}{127}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{635}^2\ \Phi_{127}^4\ \Phi_5^3\ \Phi_1^6$
107189	1530	780	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}\ \Phi_{195}^2\ \Phi_{156}^4\ \Phi_{130}\ \Phi_{78}^4\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}^4\ \Phi_{30}\ \Phi_{26}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{12}^4\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
107190	1530	460	$\frac{1}{46}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{460}^4\ \Phi_{230}^3\ \Phi_{115}^3\ \Phi_{92}^4\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
107191	1530	635	$\frac{7}{127}$	$\frac{8}{127}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{635}^2\ \Phi_{127}^4\ \Phi_5^3\ \Phi_1^6$
107192	1530	720	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^4\ \Phi_{120}^2\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}^4\ \Phi_{60}^2\ \Phi_{48}^4\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}^4\ \Phi_{30}\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^4\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
107193	1530	644	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{644}^4\ \Phi_{322}\ \Phi_{161}\ \Phi_{92}^4\ \Phi_{28}^2\ \Phi_{14}\ \Phi_4^2$
107194	1530	139	$\frac{1}{139}$	$\frac{31}{139}$	$\frac{46}{139}$	$\frac{54}{139}$	$\Phi_{139}^{11}\ \Phi_1^{12}$
107195	1530	139	$\frac{4}{139}$	$\frac{15}{139}$	$\frac{31}{139}$	$\frac{54}{139}$	$\Phi_{139}^{11}\ \Phi_1^{12}$
107196	1530	88	$\frac{3}{88}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{88}^{18}\ \Phi_{44}^{16}\ \Phi_{22}^{18}\ \Phi_{11}^{17}\ \Phi_8^{18}\ \Phi_4^{16}\ \Phi_2^{18}\ \Phi_1^{18}$
107197	1530	1232	$\frac{5}{154}$	$\frac{1}{11}$	$\frac{149}{616}$	$\frac{467}{1232}$	$\Phi_{1232}^2\ \Phi_{176}^2\ \Phi_{154}^2\ \Phi_{112}^2\ \Phi_{77}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_2^2\ \Phi_1^2$
107198	1530	1112	$\frac{1}{139}$	$\frac{69}{278}$	$\frac{347}{1112}$	$\frac{209}{556}$	$\Phi_{1112}^2\ \Phi_{278}^2\ \Phi_{139}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
107199	1530	1848	$\frac{1}{154}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1848}^2\ \Phi_{462}\ \Phi_{264}^2\ \Phi_{231}\ \Phi_{168}^2\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{24}\ \Phi_{21}\ \Phi_6$
107200	1530	2440	$\frac{2}{305}$	$\frac{1}{4}$	$\frac{101}{305}$	$\frac{3}{8}$	$\Phi_{2440}\ \Phi_{488}\ \Phi_{305}\ \Phi_{61}\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
107201	1530	824	$\frac{1}{103}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{824}^3\ \Phi_{412}\ \Phi_{206}$
107202	1530	1240	$\frac{2}{155}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1240}^2\ \Phi_{248}^2\ \Phi_{155}^2\ \Phi_{40}\ \Phi_{31}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
107203	1530	488	$\frac{1}{61}$	$\frac{10}{61}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{488}^5\ \Phi_{61}^5\ \Phi_8^6\ \Phi_1^6$
107204	1530	728	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{728}^4\ \Phi_{364}\ \Phi_{182}\ \Phi_{91}\ \Phi_{56}^3\ \Phi_{28}\ \Phi_{14}$
107205	1530	2440	$\frac{8}{305}$	$\frac{33}{305}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2440}\ \Phi_{488}\ \Phi_{305}\ \Phi_{61}\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
107206	1530	280	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^9\ \Phi_{70}^5\ \Phi_{56}^9\ \Phi_{40}^7\ \Phi_{35}^4\ \Phi_{14}^5\ \Phi_{10}^4\ \Phi_8^8\ \Phi_7^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
107207	1530	1736	$\frac{1}{31}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{434}\ \Phi_{217}\ \Phi_{124}\ \Phi_{62}$
107208	1530	2440	$\frac{16}{305}$	$\frac{17}{305}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2440}\ \Phi_{488}\ \Phi_{305}\ \Phi_{61}\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
107209	1530	1368	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1368}^2\ \Phi_{456}^2\ \Phi_{342}\ \Phi_{171}\ \Phi_{152}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
107210	1530	1634	$\frac{1}{86}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1634}\ \Phi_{817}\ \Phi_{38}$
107211	1530	1529	$\frac{19}{1529}$	$\frac{302}{1529}$	$\frac{409}{1529}$	$\frac{560}{1529}$	$\Phi_{1529}\ \Phi_{139}\ \Phi_{11}\ \Phi_1^2$
107212	1530	1612	$\frac{1}{52}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{1612}\ \Phi_{806}\ \Phi_{403}\ \Phi_{124}\ \Phi_{62}$
107213	1530	806	$\frac{1}{31}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{806}^3\ \Phi_{403}\ \Phi_{62}^3$
107214	1530	1529	$\frac{59}{1529}$	$\frac{98}{1529}$	$\frac{477}{1529}$	$\frac{526}{1529}$	$\Phi_{1529}\ \Phi_{139}\ \Phi_{11}\ \Phi_1^2$
107215	1530	1529	$\frac{67}{1529}$	$\frac{86}{1529}$	$\frac{481}{1529}$	$\frac{524}{1529}$	$\Phi_{1529}\ \Phi_{139}\ \Phi_{11}\ \Phi_1^2$
107216	1530	1638	$\frac{4}{91}$	$\frac{1}{18}$	$\frac{29}{91}$	$\frac{31}{91}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{234}\ \Phi_{182}\ \Phi_{126}\ \Phi_{117}\ \Phi_{78}\ \Phi_{63}\ \Phi_{42}\ \Phi_{39}\ \Phi_{26}\ \Phi_{21}\ \Phi_{14}$
107217	1530	1648	$\frac{4}{103}$	$\frac{1}{16}$	$\frac{33}{103}$	$\frac{35}{103}$	$\Phi_{1648}\ \Phi_{824}\ \Phi_{412}\ \Phi_{206}$
107218	1530	278	$\frac{4}{139}$	$\frac{23}{278}$	$\frac{45}{139}$	$\frac{47}{139}$	$\Phi_{278}^6\ \Phi_{139}^5\ \Phi_2^6\ \Phi_1^6$
107219	1530	77	$\frac{2}{77}$	$\frac{1}{11}$	$\frac{25}{77}$	$\frac{26}{77}$	$\Phi_{77}^{20}\ \Phi_{11}^{19}\ \Phi_7^{20}\ \Phi_1^{20}$
107220	1530	1529	$\frac{26}{1529}$	$\frac{203}{1529}$	$\frac{501}{1529}$	$\frac{514}{1529}$	$\Phi_{1529}\ \Phi_{139}\ \Phi_{11}\ \Phi_1^2$
107221	1530	896	$\frac{1}{64}$	$\frac{1}{7}$	$\frac{21}{64}$	$\frac{43}{128}$	$\Phi_{896}^3\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
107222	1530	1842	$\frac{4}{307}$	$\frac{1}{6}$	$\frac{101}{307}$	$\frac{103}{307}$	$\Phi_{1842}\ \Phi_{921}\ \Phi_{614}$
107223	1530	1529	$\frac{14}{1529}$	$\frac{339}{1529}$	$\frac{505}{1529}$	$\frac{512}{1529}$	$\Phi_{1529}\ \Phi_{139}\ \Phi_{11}\ \Phi_1^2$
107224	1530	2044	$\frac{4}{511}$	$\frac{1}{4}$	$\frac{169}{511}$	$\frac{171}{511}$	$\Phi_{2044}\ \Phi_{1022}\ \Phi_{292}\ \Phi_{146}\ \Phi_{28}\ \Phi_{14}$
107225	1530	870	$\frac{2}{87}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{870}^2\ \Phi_{435}^2\ \Phi_{290}^2\ \Phi_{174}^2\ \Phi_{145}^2\ \Phi_{58}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
107226	1530	1524	$\frac{1}{127}$	$\frac{1}{4}$	$\frac{42}{127}$	$\frac{1}{3}$	$\Phi_{1524}^2\ \Phi_{762}^2\ \Phi_{12}^3\ \Phi_6^3$
107227	1530	2298	$\frac{7}{766}$	$\frac{171}{766}$	$\frac{253}{766}$	$\frac{1}{3}$	$\Phi_{2298}\ \Phi_{1149}\ \Phi_6$
107228	1530	228	$\frac{1}{76}$	$\frac{1}{6}$	$\frac{25}{76}$	$\frac{1}{3}$	$\Phi_{228}^6\ \Phi_{114}^6\ \Phi_{76}^8\ \Phi_{57}^6\ \Phi_{38}^8\ \Phi_{19}^8\ \Phi_{12}^6\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
107229	1530	2298	$\frac{13}{766}$	$\frac{103}{766}$	$\frac{251}{766}$	$\frac{1}{3}$	$\Phi_{2298}\ \Phi_{1149}\ \Phi_6$
107230	1530	630	$\frac{1}{42}$	$\frac{1}{10}$	$\frac{41}{126}$	$\frac{1}{3}$	$\Phi_{630}^4\ \Phi_{315}^4\ \Phi_{126}^2\ \Phi_{90}^4\ \Phi_{63}^2\ \Phi_{45}^4\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_6$
107231	1530	1200	$\frac{1}{25}$	$\frac{1}{16}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{300}^2\ \Phi_{240}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3$
107232	1530	198	$\frac{1}{22}$	$\frac{1}{18}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{198}^8\ \Phi_{99}^8\ \Phi_{66}^6\ \Phi_{33}^6\ \Phi_{22}^8\ \Phi_{18}^{10}\ \Phi_{11}^8\ \Phi_9^{10}\ \Phi_6^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
107233	1530	2298	$\frac{35}{766}$	$\frac{43}{766}$	$\frac{241}{766}$	$\frac{1}{3}$	$\Phi_{2298}\ \Phi_{1149}\ \Phi_6$
107234	1530	2298	$\frac{31}{766}$	$\frac{49}{766}$	$\frac{239}{766}$	$\frac{1}{3}$	$\Phi_{2298}\ \Phi_{1149}\ \Phi_6$
107235	1530	1479	$\frac{2}{87}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{1479}\ \Phi_{493}\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{17}\ \Phi_1^2$
107236	1530	552	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{552}^2\ \Phi_{276}^2\ \Phi_{184}^4\ \Phi_{138}^3\ \Phi_{92}^4\ \Phi_{69}^3\ \Phi_{46}^4\ \Phi_{24}\ \Phi_{23}^4\ \Phi_{12}\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107237	1530	1092	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{273}^2\ \Phi_{156}^3\ \Phi_{84}^2\ \Phi_{78}^3\ \Phi_{42}^2\ \Phi_{39}^3\ \Phi_{12}^3\ \Phi_6^3$
107238	1530	2298	$\frac{11}{766}$	$\frac{151}{766}$	$\frac{205}{766}$	$\frac{1}{3}$	$\Phi_{2298}\ \Phi_{1149}\ \Phi_6$
107239	1530	516	$\frac{1}{86}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{516}^4\ \Phi_{258}^5\ \Phi_{129}^5\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
107240	1530	1524	$\frac{2}{127}$	$\frac{25}{127}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1524}^2\ \Phi_{762}^2\ \Phi_{12}^3\ \Phi_6^3$
107241	1530	156	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^9\ \Phi_{78}^9\ \Phi_{52}^{12}\ \Phi_{39}^9\ \Phi_{26}^{12}\ \Phi_{13}^{12}\ \Phi_{12}^6\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
107242	1530	1380	$\frac{1}{46}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1380}^2\ \Phi_{690}^2\ \Phi_{345}^2\ \Phi_{138}\ \Phi_{69}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
107243	1530	2436	$\frac{2}{87}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{812}\ \Phi_{406}\ \Phi_{28}\ \Phi_{14}$
107244	1530	1320	$\frac{3}{88}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{330}^2\ \Phi_{264}\ \Phi_{165}^2\ \Phi_{132}\ \Phi_{120}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
107245	1530	1524	$\frac{7}{127}$	$\frac{8}{127}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1524}^2\ \Phi_{762}^2\ \Phi_{12}^3\ \Phi_6^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
107246	1530	144	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{144}^{12}\ \Phi_{72}^{12}\ \Phi_{48}^{9}\ \Phi_{36}^{8}\ \Phi_{24}^{9}\ \Phi_{18}^{10}\ \Phi_{16}^{12}\ \Phi_{12}^{6}\ \Phi_{9}^{10}\ \Phi_{8}^{12}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
107247	1530	1680	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{27}{112}$	$\frac{1}{3}$	$\Phi_{1680}^{2}\ \Phi_{840}^{2}\ \Phi_{336}\ \Phi_{240}^{2}\ \Phi_{168}\ \Phi_{120}^{2}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{6}$
107248	1530	2640	$\frac{1}{16}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
107249	1530	570	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{37}{190}$	$\frac{1}{3}$	$\Phi_{570}^{3}\ \Phi_{285}^{3}\ \Phi_{190}^{4}\ \Phi_{95}^{4}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
107250	1530	210	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{4}{21}$	$\frac{1}{3}$	$\Phi_{210}^{8}\ \Phi_{105}^{8}\ \Phi_{70}^{8}\ \Phi_{42}^{8}\ \Phi_{35}^{8}\ \Phi_{30}^{9}\ \Phi_{15}^{9}\ \Phi_{14}^{8}\ \Phi_{10}^{8}\ \Phi_{6}^{9}\ \Phi_{5}^{8}\ \Phi_{2}^{8}$
107251	1530	2298	$\frac{41}{766}$	$\frac{69}{766}$	$\frac{145}{766}$	$\frac{1}{3}$	$\Phi_{2298}\ \Phi_{1149}\ \Phi_{6}$
107252	1530	198	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{198}^{8}\ \Phi_{99}^{8}\ \Phi_{66}^{8}\ \Phi_{33}^{4}\ \Phi_{22}^{8}\ \Phi_{18}^{10}\ \Phi_{11}^{8}\ \Phi_{9}^{10}\ \Phi_{6}^{10}\ \Phi_{3}^{5}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
107253	1530	2298	$\frac{37}{766}$	$\frac{81}{766}$	$\frac{137}{766}$	$\frac{1}{3}$	$\Phi_{2298}\ \Phi_{1149}\ \Phi_{6}$
107254	1530	480	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{4}\ \Phi_{120}^{3}\ \Phi_{96}^{3}\ \Phi_{80}^{4}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{40}^{4}\ \Phi_{32}^{4}\ \Phi_{30}^{3}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
107255	1530	114	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{114}^{16}\ \Phi_{57}^{8}\ \Phi_{38}^{16}\ \Phi_{19}^{16}\ \Phi_{6}^{18}\ \Phi_{3}^{9}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
107256	1530	90	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{90}^{20}\ \Phi_{45}^{20}\ \Phi_{30}^{17}\ \Phi_{18}^{10}\ \Phi_{15}^{17}\ \Phi_{10}^{16}\ \Phi_{9}^{10}\ \Phi_{6}^{9}\ \Phi_{5}^{16}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
107257	1530	240	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{3}$	$\Phi_{240}^{10}\ \Phi_{120}^{10}\ \Phi_{60}^{7}\ \Phi_{48}^{11}\ \Phi_{30}^{8}\ \Phi_{24}^{11}\ \Phi_{15}^{8}\ \Phi_{12}^{8}\ \Phi_{6}^{9}\ \Phi_{3}^{8}$
107258	1530	2730	$\frac{6}{91}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{195}\ \Phi_{78}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
107259	1530	1470	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{98}$	$\frac{1}{3}$	$\Phi_{1470}^{2}\ \Phi_{735}^{2}\ \Phi_{294}\ \Phi_{147}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
107260	1530	480	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{96}$	$\frac{1}{3}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{4}\ \Phi_{120}^{4}\ \Phi_{96}^{2}\ \Phi_{80}^{4}\ \Phi_{48}^{2}\ \Phi_{40}^{4}\ \Phi_{32}^{2}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{15}\ \Phi_{8}^{2}\ \Phi_{6}$
107261	1530	1890	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{19}{189}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{135}\ \Phi_{126}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
107262	1530	876	$\frac{1}{73}$	$\frac{49}{219}$	$\frac{1}{4}$	$\frac{24}{73}$	$\Phi_{876}^{3}\ \Phi_{438}^{3}\ \Phi_{292}\ \Phi_{146}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
107263	1530	253	$\frac{4}{253}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{83}{253}$	$\Phi_{253}^{6}\ \Phi_{23}^{6}\ \Phi_{11}^{7}\ \Phi_{1}^{8}$
107264	1530	707	$\frac{2}{101}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{33}{101}$	$\Phi_{707}^{2}\ \Phi_{101}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
107265	1530	1212	$\frac{2}{101}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{33}{101}$	$\Phi_{1212}^{2}\ \Phi_{606}\ \Phi_{404}\ \Phi_{303}\ \Phi_{101}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
107266	1530	1529	$\frac{32}{1529}$	$\frac{206}{1529}$	$\frac{441}{1529}$	$\frac{499}{1529}$	$\Phi_{1529}\ \Phi_{139}\ \Phi_{11}\ \Phi_{1}^{2}$
107267	1530	2136	$\frac{2}{89}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{29}{89}$	$\Phi_{2136}\ \Phi_{1068}\ \Phi_{534}\ \Phi_{267}\ \Phi_{89}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
107268	1530	1780	$\frac{2}{89}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{29}{89}$	$\Phi_{1780}\ \Phi_{890}\ \Phi_{445}\ \Phi_{89}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
107269	1530	1842	$\frac{7}{307}$	$\frac{1}{6}$	$\frac{69}{307}$	$\frac{100}{307}$	$\Phi_{1842}\ \Phi_{921}\ \Phi_{614}$
107270	1530	2142	$\frac{1}{42}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{41}{126}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{306}\ \Phi_{153}\ \Phi_{126}^{2}\ \Phi_{63}^{2}\ \Phi_{18}^{2}\ \Phi_{17}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
107271	1530	252	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{41}{126}$	$\Phi_{252}^{12}\ \Phi_{126}^{6}\ \Phi_{63}^{6}\ \Phi_{36}^{12}\ \Phi_{28}\ \Phi_{18}^{6}\ \Phi_{14}\ \Phi_{9}^{6}$
107272	1530	1529	$\frac{38}{1529}$	$\frac{237}{1529}$	$\frac{344}{1529}$	$\frac{497}{1529}$	$\Phi_{1529}\ \Phi_{139}\ \Phi_{11}\ \Phi_{1}^{2}$
107273	1530	2044	$\frac{13}{511}$	$\frac{69}{511}$	$\frac{1}{4}$	$\frac{166}{511}$	$\Phi_{2044}\ \Phi_{1022}\ \Phi_{292}\ \Phi_{146}\ \Phi_{28}\ \Phi_{14}$
107274	1530	725	$\frac{1}{25}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{8}{25}$	$\Phi_{725}^{2}\ \Phi_{145}^{2}\ \Phi_{29}^{3}\ \Phi_{25}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{6}$
107275	1530	1100	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{8}{25}$	$\Phi_{1100}^{2}\ \Phi_{550}^{2}\ \Phi_{220}^{2}\ \Phi_{110}^{2}\ \Phi_{44}^{3}\ \Phi_{22}^{3}$
107276	1530	725	$\frac{1}{25}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{8}{25}$	$\Phi_{725}^{2}\ \Phi_{145}^{2}\ \Phi_{29}^{3}\ \Phi_{25}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{6}$
107277	1530	1050	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{8}{25}$	$\Phi_{1050}^{2}\ \Phi_{525}^{2}\ \Phi_{350}^{2}\ \Phi_{210}^{2}\ \Phi_{105}^{2}\ \Phi_{70}^{2}\ \Phi_{42}^{3}\ \Phi_{21}^{3}\ \Phi_{14}^{3}$
107278	1530	1529	$\frac{62}{1529}$	$\frac{104}{1529}$	$\frac{475}{1529}$	$\frac{489}{1529}$	$\Phi_{1529}\ \Phi_{139}\ \Phi_{11}\ \Phi_{1}^{2}$
107279	1530	22	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{7}{22}$	$\Phi_{22}^{70}\ \Phi_{11}^{69}\ \Phi_{2}^{70}\ \Phi_{1}^{70}$
107280	1530	1529	$\frac{74}{1529}$	$\frac{174}{1529}$	$\frac{271}{1529}$	$\frac{485}{1529}$	$\Phi_{1529}\ \Phi_{139}\ \Phi_{11}\ \Phi_{1}^{2}$
107281	1530	139	$\frac{7}{139}$	$\frac{19}{139}$	$\frac{20}{139}$	$\frac{44}{139}$	$\Phi_{139}^{11}\ \Phi_{1}^{12}$
107282	1530	1792	$\frac{13}{256}$	$\frac{35}{256}$	$\frac{1}{7}$	$\frac{81}{256}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
107283	1530	1842	$\frac{16}{307}$	$\frac{35}{307}$	$\frac{1}{6}$	$\frac{97}{307}$	$\Phi_{1842}\ \Phi_{921}\ \Phi_{614}$
107284	1530	1529	$\frac{83}{1529}$	$\frac{118}{1529}$	$\frac{349}{1529}$	$\frac{482}{1529}$	$\Phi_{1529}\ \Phi_{139}\ \Phi_{11}\ \Phi_{1}^{2}$
107285	1530	292	$\frac{4}{73}$	$\frac{5}{73}$	$\frac{1}{4}$	$\frac{23}{73}$	$\Phi_{292}^{7}\ \Phi_{146}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
107286	1530	672	$\frac{1}{16}$	$\frac{11}{96}$	$\frac{1}{7}$	$\frac{5}{16}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}^{3}\ \Phi_{168}^{3}\ \Phi_{112}\ \Phi_{84}^{3}\ \Phi_{56}\ \Phi_{42}^{3}\ \Phi_{28}\ \Phi_{21}^{3}\ \Phi_{14}$
107287	1530	308	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{53}{308}$	$\frac{24}{77}$	$\Phi_{308}^{6}\ \Phi_{154}^{6}\ \Phi_{77}^{2}\ \Phi_{44}^{6}\ \Phi_{28}^{6}\ \Phi_{22}^{6}\ \Phi_{14}^{6}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
107288	1530	1044	$\frac{1}{18}$	$\frac{2}{29}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{1044}^{2}\ \Phi_{522}\ \Phi_{348}^{2}\ \Phi_{261}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{36}^{4}\ \Phi_{29}\ \Phi_{18}^{2}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
107289	1530	1595	$\frac{2}{29}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{9}{29}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{55}^{2}\ \Phi_{29}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
107290	1530	580	$\frac{2}{29}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{9}{29}$	$\Phi_{580}^{3}\ \Phi_{290}^{2}\ \Phi_{145}^{2}\ \Phi_{116}^{3}\ \Phi_{58}^{2}\ \Phi_{29}^{3}\ \Phi_{20}^{6}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
107291	1530	234	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{234}^{7}\ \Phi_{117}^{7}\ \Phi_{78}^{7}\ \Phi_{39}^{7}\ \Phi_{26}^{7}\ \Phi_{18}^{6}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}$
107292	1530	1529	$\frac{69}{1529}$	$\frac{146}{1529}$	$\frac{356}{1529}$	$\frac{461}{1529}$	$\Phi_{1529}\ \Phi_{139}\ \Phi_{11}\ \Phi_{1}^{2}$
107293	1530	292	$\frac{3}{73}$	$\frac{7}{73}$	$\frac{1}{4}$	$\frac{22}{73}$	$\Phi_{292}^{7}\ \Phi_{146}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
107294	1530	2430	$\frac{8}{81}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{73}{243}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{486}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
107295	1530	1890	$\frac{1}{10}$	$\frac{19}{189}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{14}\ \Phi_{6}$
107296	1530	1496	$\frac{3}{88}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{374}\ \Phi_{187}\ \Phi_{136}\ \Phi_{88}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{17}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
107297	1530	1904	$\frac{1}{28}$	$\frac{2}{17}$	$\frac{27}{112}$	$\frac{5}{17}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{272}\ \Phi_{136}\ \Phi_{112}^{2}\ \Phi_{56}^{2}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
107298	1530	357	$\frac{1}{21}$	$\frac{2}{17}$	$\frac{4}{21}$	$\frac{5}{17}$	$\Phi_{357}^{4}\ \Phi_{119}^{4}\ \Phi_{51}^{4}\ \Phi_{21}^{8}\ \Phi_{17}^{5}\ \Phi_{7}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{10}$
107299	1530	306	$\frac{1}{18}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{306}^{5}\ \Phi_{153}^{5}\ \Phi_{102}^{4}\ \Phi_{51}^{4}\ \Phi_{34}^{4}\ \Phi_{18}^{10}\ \Phi_{17}^{5}\ \Phi_{9}^{10}\ \Phi_{6}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
107300	1530	1547	$\frac{6}{91}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{5}{17}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{91}^{2}\ \Phi_{17}\ \Phi_{13}^{2}\ \Phi_{1}^{2}$
107301	1530	1666	$\frac{1}{14}$	$\frac{2}{17}$	$\frac{13}{98}$	$\frac{5}{17}$	$\Phi_{1666}\ \Phi_{833}\ \Phi_{98}^{2}\ \Phi_{49}^{2}\ \Phi_{17}\ \Phi_{1}^{2}$
107302	1530	1632	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{136}\ \Phi_{96}^{2}\ \Phi_{48}^{2}\ \Phi_{32}^{2}\ \Phi_{24}^{2}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
107303	1530	744	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{744}^{3}\ \Phi_{372}^{3}\ \Phi_{186}^{3}\ \Phi_{124}\ \Phi_{93}^{3}\ \Phi_{62}$
107304	1530	2136	$\frac{4}{89}$	$\frac{1}{8}$	$\frac{17}{89}$	$\frac{7}{24}$	$\Phi_{2136}\ \Phi_{1068}\ \Phi_{534}\ \Phi_{267}\ \Phi_{89}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
107305	1530	456	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{456}^{3}\ \Phi_{228}^{3}\ \Phi_{152}^{4}\ \Phi_{114}^{4}\ \Phi_{76}^{4}\ \Phi_{57}^{4}\ \Phi_{38}^{5}\ \Phi_{19}^{4}$
107306	1530	2136	$\frac{5}{89}$	$\frac{1}{8}$	$\frac{14}{89}$	$\frac{7}{24}$	$\Phi_{2136}\ \Phi_{1068}\ \Phi_{534}\ \Phi_{267}\ \Phi_{89}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
107307	1530	336	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{336}^{8}\ \Phi_{168}^{7}\ \Phi_{112}\ \Phi_{84}^{7}\ \Phi_{56}\ \Phi_{42}^{7}\ \Phi_{28}\ \Phi_{21}^{7}\ \Phi_{14}$
107308	1530	2136	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{2136}\ \Phi_{1068}\ \Phi_{534}\ \Phi_{267}\ \Phi_{89}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
107309	1530	1320	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{264}\ \Phi_{165}^{2}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}$
107310	1530	1529	$\frac{64}{1529}$	$\frac{206}{1529}$	$\frac{293}{1529}$	$\frac{441}{1529}$	$\Phi_{1529}\ \Phi_{139}\ \Phi_{11}\ \Phi_{1}^{2}$
107311	1530	140	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{140}^{15}\ \Phi_{70}^{15}\ \Phi_{28}^{13}\ \Phi_{20}^{15}\ \Phi_{14}^{13}\ \Phi_{10}^{15}\ \Phi_{4}^{12}\ \Phi_{2}^{12}$
107312	1530	707	$\frac{5}{101}$	$\frac{1}{7}$	$\frac{16}{101}$	$\frac{2}{7}$	$\Phi_{707}^{2}\ \Phi_{101}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
107313	1530	126	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{126}^{13}\ \Phi_{63}^{13}\ \Phi_{42}^{13}\ \Phi_{21}^{13}\ \Phi_{18}^{12}\ \Phi_{14}^{13}\ \Phi_{9}^{12}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}$
107314	1530	616	$\frac{5}{56}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{616}^{3}\ \Phi_{308}^{3}\ \Phi_{154}^{3}\ \Phi_{88}^{3}\ \Phi_{77}\ \Phi_{44}^{3}\ \Phi_{22}^{3}$
107315	1530	1610	$\frac{1}{35}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{322}\ \Phi_{230}\ \Phi_{161}\ \Phi_{115}\ \Phi_{70}\ \Phi_{14}\ \Phi_{10}$
107316	1530	139	$\frac{7}{139}$	$\frac{20}{139}$	$\frac{22}{139}$	$\frac{39}{139}$	$\Phi_{139}^{11}\ \Phi_{1}^{12}$
107317	1530	1842	$\frac{13}{307}$	$\frac{49}{307}$	$\frac{1}{6}$	$\frac{86}{307}$	$\Phi_{1842}\ \Phi_{921}\ \Phi_{614}$
107318	1530	1529	$\frac{65}{1529}$	$\frac{244}{1529}$	$\frac{257}{1529}$	$\frac{424}{1529}$	$\Phi_{1529}\ \Phi_{139}\ \Phi_{11}\ \Phi_{1}^{2}$
107319	1530	1638	$\frac{1}{18}$	$\frac{11}{91}$	$\frac{16}{91}$	$\frac{25}{91}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{234}\ \Phi_{182}\ \Phi_{126}\ \Phi_{117}\ \Phi_{78}\ \Phi_{63}\ \Phi_{42}\ \Phi_{39}\ \Phi_{26}\ \Phi_{21}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
107320	1530	253	$\frac{8}{253}$	$\frac{2}{11}$	$\frac{49}{253}$	$\frac{3}{11}$	$\Phi_{253}^{6}\ \Phi_{23}^{6}\ \Phi_{11}^{7}\ \Phi_{1}^{8}$
107321	1530	55	$\frac{4}{55}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{55}^{30}\ \Phi_{11}^{19}\ \Phi_{5}^{30}\ \Phi_{1}^{20}$
107322	1530	770	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{70}$	$\frac{19}{70}$	$\Phi_{770}^{2}\ \Phi_{385}^{2}\ \Phi_{154}^{3}\ \Phi_{110}^{2}\ \Phi_{77}^{3}\ \Phi_{55}^{2}\ \Phi_{22}^{3}\ \Phi_{11}^{2}$
107323	1530	1529	$\frac{79}{1529}$	$\frac{186}{1529}$	$\frac{290}{1529}$	$\frac{413}{1529}$	$\Phi_{1529}\ \Phi_{139}\ \Phi_{11}\ \Phi_{1}^{2}$
107324	1530	1792	$\frac{11}{256}$	$\frac{1}{7}$	$\frac{49}{256}$	$\frac{69}{256}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
107325	1530	1529	$\frac{34}{1529}$	$\frac{299}{1529}$	$\frac{373}{1529}$	$\frac{410}{1529}$	$\Phi_{1529}\ \Phi_{139}\ \Phi_{11}\ \Phi_{1}^{2}$
107326	1530	2044	$\frac{11}{511}$	$\frac{100}{511}$	$\frac{1}{4}$	$\frac{137}{511}$	$\Phi_{2044}\ \Phi_{1022}\ \Phi_{292}\ \Phi_{146}\ \Phi_{28}\ \Phi_{14}$
107327	1530	2070	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{414}\ \Phi_{230}\ \Phi_{207}\ \Phi_{115}\ \Phi_{90}\ \Phi_{18}\ \Phi_{10}$
107328	1530	570	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{9}{38}$	$\frac{29}{114}$	$\Phi_{570}^{4}\ \Phi_{285}^{4}\ \Phi_{190}\ \Phi_{114}^{2}\ \Phi_{95}\ \Phi_{57}^{2}\ \Phi_{38}\ \Phi_{30}^{4}\ \Phi_{15}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
107329	1530	676	$\frac{4}{169}$	$\frac{33}{169}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{676}^{2}\ \Phi_{338}^{2}\ \Phi_{169}^{3}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{13}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
107330	1530	420	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{420}^{4}\ \Phi_{210}^{5}\ \Phi_{140}^{2}\ \Phi_{105}^{5}\ \Phi_{84}^{4}\ \Phi_{70}^{3}\ \Phi_{60}^{4}\ \Phi_{42}^{5}\ \Phi_{35}^{2}\ \Phi_{30}^{5}\ \Phi_{28}^{2}\ \Phi_{21}^{5}\ \Phi_{20}^{2}\ \Phi_{15}^{5}\ \Phi_{14}^{3}\ \Phi_{10}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{2}$
107331	1530	620	$\frac{1}{31}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{620}^{3}\ \Phi_{310}^{3}\ \Phi_{155}^{3}\ \Phi_{124}\ \Phi_{62}$
107332	1530	616	$\frac{3}{88}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{616}^{3}\ \Phi_{308}^{3}\ \Phi_{154}^{3}\ \Phi_{77}^{3}\ \Phi_{56}^{3}\ \Phi_{28}\ \Phi_{14}$
107333	1530	676	$\frac{9}{169}$	$\frac{16}{169}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{676}^{2}\ \Phi_{338}^{2}\ \Phi_{169}^{3}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{13}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
107334	1530	396	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{396}^{4}\ \Phi_{198}^{5}\ \Phi_{132}^{4}\ \Phi_{99}^{5}\ \Phi_{66}^{5}\ \Phi_{44}^{2}\ \Phi_{33}^{5}\ \Phi_{22}^{3}\ \Phi_{11}^{2}$
107335	1530	364	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{364}^{4}\ \Phi_{182}^{4}\ \Phi_{91}^{6}\ \Phi_{52}^{2}\ \Phi_{28}^{4}\ \Phi_{26}^{2}\ \Phi_{14}^{4}\ \Phi_{13}^{3}\ \Phi_{7}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
107336	1530	112	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{27}{112}$	$\frac{1}{4}$	$\Phi_{112}^{18}\ \Phi_{56}^{18}\ \Phi_{28}\ \Phi_{16}^{18}\ \Phi_{14}\ \Phi_{8}^{18}$
107337	1530	176	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{176}^{9}\ \Phi_{88}^{9}\ \Phi_{44}^{6}\ \Phi_{22}^{8}\ \Phi_{16}^{12}\ \Phi_{11}^{7}\ \Phi_{8}^{12}\ \Phi_{4}^{8}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
107338	1530	532	$\frac{11}{266}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{532}^{4}\ \Phi_{266}^{2}\ \Phi_{133}^{2}\ \Phi_{76}^{4}\ \Phi_{38}^{2}\ \Phi_{28}\ \Phi_{19}^{2}\ \Phi_{14}$
107339	1530	1984	$\frac{1}{31}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{124}\ \Phi_{62}$
107340	1530	220	$\frac{4}{55}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{220}^{9}\ \Phi_{110}^{9}\ \Phi_{44}^{10}\ \Phi_{22}^{10}\ \Phi_{20}^{10}\ \Phi_{10}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}$
107341	1530	1780	$\frac{4}{89}$	$\frac{3}{20}$	$\frac{17}{89}$	$\frac{1}{4}$	$\Phi_{1780}\ \Phi_{890}\ \Phi_{445}\ \Phi_{89}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
107342	1530	84	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{1}{4}$	$\Phi_{84}^{24}\ \Phi_{42}^{24}\ \Phi_{28}^{25}\ \Phi_{14}^{25}\ \Phi_{12}^{24}\ \Phi_{6}^{24}\ \Phi_{4}^{24}\ \Phi_{2}^{24}$
107343	1530	2044	$\frac{26}{511}$	$\frac{69}{511}$	$\frac{97}{511}$	$\frac{1}{4}$	$\Phi_{2044}\ \Phi_{1022}\ \Phi_{292}\ \Phi_{146}\ \Phi_{28}\ \Phi_{14}$
107344	1530	1044	$\frac{1}{18}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\Phi_{1044}^{2}\ \Phi_{522}\ \Phi_{348}^{2}\ \Phi_{261}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{36}^{4}\ \Phi_{29}\ \Phi_{18}^{2}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
107345	1530	2044	$\frac{25}{511}$	$\frac{81}{511}$	$\frac{86}{511}$	$\frac{1}{4}$	$\Phi_{2044}\ \Phi_{1022}\ \Phi_{292}\ \Phi_{146}\ \Phi_{28}\ \Phi_{14}$
107346	1530	1212	$\frac{5}{101}$	$\frac{16}{101}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1212}^{2}\ \Phi_{606}\ \Phi_{404}\ \Phi_{303}\ \Phi_{101}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
107347	1530	1140	$\frac{1}{19}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1140}^{2}\ \Phi_{570}^{2}\ \Phi_{380}\ \Phi_{285}^{2}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{57}\ \Phi_{38}$
107348	1530	252	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{252}^{10}\ \Phi_{126}^{5}\ \Phi_{84}^{8}\ \Phi_{63}^{5}\ \Phi_{42}^{4}\ \Phi_{28}^{9}\ \Phi_{21}^{4}\ \Phi_{14}^{5}\ \Phi_{7}^{4}$
107349	1530	1780	$\frac{5}{89}$	$\frac{3}{20}$	$\frac{14}{89}$	$\frac{1}{4}$	$\Phi_{1780}\ \Phi_{890}\ \Phi_{445}\ \Phi_{89}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
107350	1530	560	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{140}^{3}\ \Phi_{112}\ \Phi_{70}^{3}\ \Phi_{56}\ \Phi_{35}^{3}\ \Phi_{28}\ \Phi_{14}$
107351	1530	1780	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1780}\ \Phi_{890}\ \Phi_{445}\ \Phi_{89}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
107352	1530	220	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{220}^{7}\ \Phi_{110}^{8}\ \Phi_{55}^{8}\ \Phi_{44}^{8}\ \Phi_{22}^{9}\ \Phi_{11}^{8}$
107353	1530	364	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{364}^{6}\ \Phi_{182}^{6}\ \Phi_{52}^{6}\ \Phi_{28}\ \Phi_{26}^{6}\ \Phi_{14}$
107354	1530	196	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{196}^{12}\ \Phi_{98}^{6}\ \Phi_{49}^{6}\ \Phi_{28}\ \Phi_{14}$
107355	1530	672	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{3}\ \Phi_{56}^{3}\ \Phi_{28}\ \Phi_{14}$
107356	1530	56	$\frac{5}{56}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{56}^{30}\ \Phi_{28}^{25}\ \Phi_{14}^{25}\ \Phi_{8}^{30}\ \Phi_{7}^{24}\ \Phi_{4}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{24}$
107357	1530	756	$\frac{2}{21}$	$\frac{19}{189}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{756}^{3}\ \Phi_{378}^{3}\ \Phi_{252}^{3}\ \Phi_{126}^{3}\ \Phi_{108}^{3}\ \Phi_{54}^{3}\ \Phi_{36}^{3}\ \Phi_{28}\ \Phi_{18}^{3}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
107358	1530	22	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{22}$	$\Phi_{22}^{90}\ \Phi_{11}^{49}\ \Phi_{2}^{90}\ \Phi_{1}^{50}$
107359	1530	330	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{22}$	$\Phi_{330}^{6}\ \Phi_{165}^{6}\ \Phi_{110}^{3}\ \Phi_{66}^{3}\ \Phi_{55}^{3}\ \Phi_{33}^{3}\ \Phi_{30}^{8}\ \Phi_{22}^{2}\ \Phi_{15}^{8}\ \Phi_{11}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
107360	1530	2156	$\frac{1}{11}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{196}$	$\Phi_{2156}\ \Phi_{1078}\ \Phi_{308}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}$
107361	1530	504	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{168}^{4}\ \Phi_{126}\ \Phi_{84}^{4}\ \Phi_{72}^{4}\ \Phi_{63}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{36}^{4}\ \Phi_{28}^{2}\ \Phi_{24}^{4}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{4}^{2}$
107362	1530	540	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{108}$	$\Phi_{540}^{4}\ \Phi_{270}^{2}\ \Phi_{180}^{4}\ \Phi_{135}^{2}\ \Phi_{108}^{2}\ \Phi_{90}^{3}\ \Phi_{60}^{4}\ \Phi_{45}^{3}\ \Phi_{36}^{2}\ \Phi_{30}^{3}\ \Phi_{27}^{2}\ \Phi_{20}^{4}\ \Phi_{18}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
107363	1530	448	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{13}{64}$	$\Phi_{448}^{5}\ \Phi_{224}^{5}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
107364	1530	1595	$\frac{4}{55}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{5}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{55}^{2}\ \Phi_{29}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
107365	1530	2310	$\frac{4}{55}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
107366	1530	99	$\frac{1}{11}$	$\frac{14}{99}$	$\frac{5}{33}$	$\frac{2}{11}$	$\Phi_{99}^{18}\ \Phi_{33}^{9}\ \Phi_{11}^{13}\ \Phi_{9}^{18}\ \Phi_{3}^{9}\ \Phi_{1}^{14}$
107367	1530	580	$\frac{1}{10}$	$\frac{4}{29}$	$\frac{3}{20}$	$\frac{5}{29}$	$\Phi_{580}^{3}\ \Phi_{290}^{2}\ \Phi_{145}^{2}\ \Phi_{116}^{3}\ \Phi_{58}^{2}\ \Phi_{29}^{3}\ \Phi_{20}^{6}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
107368	1530	420	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{6}$	$\Phi_{420}^{6}\ \Phi_{210}^{4}\ \Phi_{140}^{3}\ \Phi_{105}^{4}\ \Phi_{84}^{6}\ \Phi_{70}^{2}\ \Phi_{42}^{5}\ \Phi_{35}^{2}\ \Phi_{28}^{3}\ \Phi_{21}^{5}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
107369	1531	2448	$\frac{1}{306}$	$\frac{307}{1224}$	$\frac{917}{2448}$	$\frac{305}{612}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{612}\ \Phi_{272}\ \Phi_{204}\ \Phi_{144}\ \Phi_{68}\ \Phi_{48}\ \Phi_{36}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
107370	1531	3048	$\frac{7}{1524}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1517}{3048}$	$\Phi_{3048}\ \Phi_{1016}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
107371	1531	2720	$\frac{1}{170}$	$\frac{171}{1360}$	$\frac{1189}{2720}$	$\frac{169}{340}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{340}\ \Phi_{160}\ \Phi_{68}\ \Phi_{32}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
107372	1531	2040	$\frac{1}{170}$	$\frac{509}{2040}$	$\frac{171}{680}$	$\frac{169}{340}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{120}\ \Phi_{102}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
107373	1531	3040	$\frac{11}{1520}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1509}{3040}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{160}\ \Phi_{32}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
107374	1531	1752	$\frac{2}{219}$	$\frac{221}{1752}$	$\frac{1}{3}$	$\frac{217}{438}$	$\Phi_{1752}\ \Phi_{876}\ \Phi_{584}\ \Phi_{292}\ \Phi_{219}\ \Phi_{73}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
107375	1531	2856	$\frac{1}{102}$	$\frac{103}{1428}$	$\frac{1325}{2856}$	$\frac{101}{204}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{204}\ \Phi_{168}\ \Phi_{136}\ \Phi_{68}\ \Phi_{56}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
107376	1531	2880	$\frac{1}{90}$	$\frac{91}{1440}$	$\frac{1349}{2880}$	$\frac{89}{180}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{180}\ \Phi_{64}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
107377	1531	2160	$\frac{1}{90}$	$\frac{91}{720}$	$\frac{629}{2160}$	$\frac{89}{180}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
107378	1531	1800	$\frac{1}{90}$	$\frac{269}{1800}$	$\frac{91}{360}$	$\frac{89}{180}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
107379	1531	3024	$\frac{19}{1512}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{1493}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{48}\ \Phi_{36}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
107380	1531	3024	$\frac{19}{1512}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1493}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{48}\ \Phi_{21}\ \Phi_{16}\ \Phi_{7}\ \Phi_{1}$
107381	1531	3024	$\frac{19}{1512}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1493}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
107382	1531	3024	$\frac{19}{1512}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1493}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
107383	1531	2052	$\frac{8}{513}$	$\frac{1}{9}$	$\frac{521}{2052}$	$\frac{505}{1026}$	$\Phi_{2052}\ \Phi_{684}\ \Phi_{513}\ \Phi_{228}\ \Phi_{171}\ \Phi_{108}\ \Phi_{76}\ \Phi_{57}\ \Phi_{36}\ \Phi_{27}\ \Phi_{19}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
107384	1531	3000	$\frac{31}{1500}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{1469}{3000}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{200}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
107385	1531	2992	$\frac{35}{1496}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{1461}{2992}$	$\Phi_{2992}\ \Phi_{272}\ \Phi_{176}\ \Phi_{68}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
107386	1531	2976	$\frac{43}{1488}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1445}{2976}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
107387	1531	2244	$\frac{1}{34}$	$\frac{35}{748}$	$\frac{713}{2244}$	$\frac{33}{68}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{561}\ \Phi_{204}\ \Phi_{132}\ \Phi_{102}\ \Phi_{68}\ \Phi_{66}\ \Phi_{51}\ \Phi_{33}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
107388	1531	1632	$\frac{1}{34}$	$\frac{101}{1632}$	$\frac{35}{136}$	$\frac{33}{68}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{102}\ \Phi_{96}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
107389	1531	1800	$\frac{1}{30}$	$\frac{31}{300}$	$\frac{269}{1800}$	$\frac{29}{60}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
107390	1531	1760	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{229}{1760}$	$\frac{211}{440}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{20}\ \Phi_{16}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
107391	1531	2940	$\frac{61}{1470}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1409}{2940}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{196}\ \Phi_{140}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
107392	1531	1710	$\frac{8}{171}$	$\frac{179}{1710}$	$\frac{1}{9}$	$\frac{163}{342}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{171}\ \Phi_{95}\ \Phi_{90}\ \Phi_{57}\ \Phi_{45}\ \Phi_{30}\ \Phi_{19}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
107393	1531	2916	$\frac{73}{1458}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1385}{2916}$	$\Phi_{2916}\ \Phi_{972}\ \Phi_{324}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
107394	1531	2268	$\frac{19}{756}$	$\frac{1}{18}$	$\frac{737}{2268}$	$\frac{17}{36}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
107395	1531	1584	$\frac{53}{1584}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
107396	1531	2016	$\frac{19}{504}$	$\frac{1}{18}$	$\frac{485}{2016}$	$\frac{17}{36}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
107397	1531	1620	$\frac{89}{1620}$	$\frac{1}{18}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
107398	1531	1764	$\frac{1}{18}$	$\frac{19}{252}$	$\frac{233}{1764}$	$\frac{17}{36}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
107399	1531	1728	$\frac{1}{18}$	$\frac{19}{216}$	$\frac{197}{1728}$	$\frac{17}{36}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
107400	1531	2880	$\frac{1}{30}$	$\frac{91}{1440}$	$\frac{29}{120}$	$\frac{1349}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{120}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
107401	1531	2880	$\frac{5}{96}$	$\frac{91}{1440}$	$\frac{1}{6}$	$\frac{1349}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
107402	1531	1680	$\frac{9}{140}$	$\frac{149}{1680}$	$\frac{1}{10}$	$\frac{131}{280}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
107403	1531	2860	$\frac{101}{1430}$	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1329}{2860}$	$\Phi_{2860}\ \Phi_{572}\ \Phi_{260}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{52}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_4\ \Phi_1$
107404	1531	2856	$\frac{1}{17}$	$\frac{103}{1428}$	$\frac{16}{119}$	$\frac{1325}{2856}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{168}\ \Phi_{136}\ \Phi_{119}\ \Phi_{56}\ \Phi_{24}\ \Phi_8\ \Phi_7\ \Phi_1$
107405	1531	1768	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{237}{1768}$	$\frac{205}{442}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{221}\ \Phi_{136}\ \Phi_{104}\ \Phi_{68}\ \Phi_{52}\ \Phi_{13}\ \Phi_8\ \Phi_4\ \Phi_1$
107406	1531	2800	$\frac{9}{140}$	$\frac{131}{1400}$	$\frac{1}{10}$	$\frac{1269}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
107407	1531	1554	$\frac{23}{1554}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1554}\ \Phi_{777}\ \Phi_{518}\ \Phi_{259}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{21}\ \Phi_7\ \Phi_1$
107408	1531	1620	$\frac{89}{1620}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{162}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
107409	1531	2280	$\frac{11}{760}$	$\frac{1}{10}$	$\frac{749}{2280}$	$\frac{9}{20}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{120}\ \Phi_{114}\ \Phi_{60}\ \Phi_{57}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
107410	1531	1560	$\frac{29}{1560}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
107411	1531	1900	$\frac{11}{380}$	$\frac{1}{10}$	$\frac{369}{1900}$	$\frac{9}{20}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{475}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
107412	1531	1600	$\frac{69}{1600}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
107413	1531	2736	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{163}{1368}$	$\frac{1205}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{171}\ \Phi_{144}\ \Phi_{57}\ \Phi_{48}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
107414	1531	2700	$\frac{1}{90}$	$\frac{181}{1350}$	$\frac{89}{270}$	$\frac{1169}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{100}\ \Phi_{60}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
107415	1531	2700	$\frac{1}{45}$	$\frac{181}{1350}$	$\frac{44}{225}$	$\frac{1169}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{108}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
107416	1531	1666	$\frac{1}{17}$	$\frac{135}{1666}$	$\frac{16}{119}$	$\frac{103}{238}$	$\Phi_{1666}\ \Phi_{833}\ \Phi_{119}\ \Phi_{98}\ \Phi_{49}\ \Phi_7\ \Phi_1$
107417	1531	2688	$\frac{5}{192}$	$\frac{187}{1344}$	$\frac{1}{6}$	$\frac{1157}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
107418	1531	1890	$\frac{1}{45}$	$\frac{44}{315}$	$\frac{359}{1890}$	$\frac{271}{630}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}\ \Phi_{54}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_7\ \Phi_1$
107419	1531	2652	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{205}{1326}$	$\frac{1121}{2652}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{221}\ \Phi_{204}\ \Phi_{156}\ \Phi_{68}\ \Phi_{52}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
107420	1531	2640	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{211}{1320}$	$\frac{1109}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{48}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{16}\ \Phi_{11}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
107421	1531	2160	$\frac{1}{90}$	$\frac{89}{540}$	$\frac{629}{2160}$	$\frac{451}{1080}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{60}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
107422	1531	2628	$\frac{2}{219}$	$\frac{217}{1314}$	$\frac{1}{3}$	$\frac{1097}{2628}$	$\Phi_{2628}\ \Phi_{876}\ \Phi_{292}\ \Phi_{219}\ \Phi_{73}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
107423	1531	1800	$\frac{1}{45}$	$\frac{269}{1800}$	$\frac{44}{225}$	$\frac{181}{450}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
107424	1531	2520	$\frac{1}{45}$	$\frac{44}{315}$	$\frac{271}{1260}$	$\frac{989}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$
107425	1531	1680	$\frac{1}{30}$	$\frac{149}{1680}$	$\frac{29}{120}$	$\frac{91}{240}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
107426	1531	2448	$\frac{1}{102}$	$\frac{101}{408}$	$\frac{307}{1224}$	$\frac{917}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{144}\ \Phi_{136}\ \Phi_{68}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
107427	1531	1566	$\frac{35}{1566}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{1566}\ \Phi_{783}\ \Phi_{522}\ \Phi_{261}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}\ \Phi_{29}\ \Phi_{27}\ \Phi_1$
107428	1531	2340	$\frac{1}{30}$	$\frac{29}{390}$	$\frac{361}{1170}$	$\frac{809}{2340}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{468}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
107429	1531	2304	$\frac{5}{384}$	$\frac{1}{6}$	$\frac{379}{1152}$	$\frac{773}{2304}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
107430	1531	1971	$\frac{2}{219}$	$\frac{440}{1971}$	$\frac{217}{657}$	$\frac{1}{3}$	$\Phi_{1971}\ \Phi_{219}\ \Phi_{73}\ \Phi_{27}\ \Phi_1$
107431	1531	2268	$\frac{19}{756}$	$\frac{2}{21}$	$\frac{737}{2268}$	$\frac{1}{3}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{21}\ \Phi_7\ \Phi_1$
107432	1531	1575	$\frac{44}{1575}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{45}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_1$
107433	1531	2016	$\frac{19}{504}$	$\frac{2}{21}$	$\frac{485}{2016}$	$\frac{1}{3}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{21}\ \Phi_{16}\ \Phi_7\ \Phi_1$
107434	1531	1596	$\frac{65}{1596}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{228}\ \Phi_{133}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{21}\ \Phi_{19}\ \Phi_7\ \Phi_1$
107435	1531	1890	$\frac{19}{378}$	$\frac{2}{21}$	$\frac{359}{1890}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{135}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
107436	1531	1638	$\frac{107}{1638}$	$\frac{2}{21}$	$\frac{19}{126}$	$\frac{1}{3}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{234}\ \Phi_{182}\ \Phi_{117}\ \Phi_{91}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}\ \Phi_{21}\ \Phi_{13}\ \Phi_7\ \Phi_1$
107437	1531	1764	$\frac{19}{252}$	$\frac{2}{21}$	$\frac{233}{1764}$	$\frac{1}{3}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{21}\ \Phi_7\ \Phi_1$
107438	1531	1680	$\frac{149}{1680}$	$\frac{2}{21}$	$\frac{19}{168}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
107439	1531	1701	$\frac{2}{21}$	$\frac{170}{1701}$	$\frac{19}{189}$	$\frac{1}{3}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{243}\ \Phi_{81}\ \Phi_{21}\ \Phi_7\ \Phi_1$
107440	1531	2268	$\frac{19}{756}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{737}{2268}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_1$
107441	1531	1980	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{449}{1980}$	$\frac{211}{660}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{20}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_1$
107442	1531	1728	$\frac{5}{96}$	$\frac{197}{1728}$	$\frac{1}{6}$	$\frac{91}{288}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
107443	1531	1989	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{458}{1989}$	$\frac{205}{663}$	$\Phi_{1989}\ \Phi_{221}\ \Phi_{153}\ \Phi_{117}\ \Phi_{13}\ \Phi_9\ \Phi_1$
107444	1531	1701	$\frac{8}{81}$	$\frac{170}{1701}$	$\frac{1}{9}$	$\frac{73}{243}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{189}\ \Phi_{81}\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}\ \Phi_7\ \Phi_1$
107445	1531	2187	$\frac{8}{81}$	$\frac{73}{729}$	$\frac{1}{9}$	$\frac{656}{2187}$	$\Phi_{2187}\ \Phi_{81}\ \Phi_{27}\ \Phi_1$
107446	1531	1890	$\frac{19}{378}$	$\frac{1}{9}$	$\frac{359}{1890}$	$\frac{8}{27}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{135}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
107447	1531	1620	$\frac{89}{1620}$	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
107448	1531	1728	$\frac{19}{216}$	$\frac{1}{9}$	$\frac{197}{1728}$	$\frac{8}{27}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
107449	1531	1701	$\frac{170}{1701}$	$\frac{19}{189}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{243}\ \Phi_{81}\ \Phi_{27}\ \Phi_1$
107450	1531	2160	$\frac{1}{30}$	$\frac{91}{720}$	$\frac{29}{120}$	$\frac{629}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
107451	1531	1680	$\frac{149}{1680}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{210}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
107452	1531	1785	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{254}{1785}$	$\frac{103}{357}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}\ \Phi_{85}\ \Phi_{35}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
107453	1531	2142	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{103}{714}$	$\frac{611}{2142}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{306}\ \Phi_{153}\ \Phi_{126}\ \Phi_{119}\ \Phi_{63}\ \Phi_{18}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
107454	1531	2100	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{131}{700}$	$\frac{569}{2100}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{75}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
107455	1531	2025	$\frac{1}{45}$	$\frac{44}{225}$	$\frac{494}{2025}$	$\frac{181}{675}$	$\Phi_{2025}\ \Phi_{405}\ \Phi_{225}\ \Phi_{81}\ \Phi_{75}\ \Phi_{25}\ \Phi_{1}$
107456	1531	1584	$\frac{53}{1584}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
107457	1531	2052	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{163}{684}$	$\frac{521}{2052}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{513}\ \Phi_{171}\ \Phi_{108}\ \Phi_{57}\ \Phi_{54}\ \Phi_{27}\ \Phi_{19}\ \Phi_{1}$
107458	1531	1800	$\frac{1}{30}$	$\frac{269}{1800}$	$\frac{29}{120}$	$\frac{91}{360}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
107459	1531	1920	$\frac{1}{30}$	$\frac{91}{480}$	$\frac{389}{1920}$	$\frac{29}{120}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
107460	1531	2016	$\frac{19}{504}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{485}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
107461	1531	1960	$\frac{1}{10}$	$\frac{61}{490}$	$\frac{9}{70}$	$\frac{429}{1960}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{392}\ \Phi_{280}\ \Phi_{196}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
107462	1531	1904	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{373}{1904}$	$\frac{103}{476}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{272}\ \Phi_{136}\ \Phi_{119}\ \Phi_{112}\ \Phi_{56}\ \Phi_{16}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
107463	1531	1944	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{486}$	$\frac{413}{1944}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
107464	1531	1728	$\frac{19}{216}$	$\frac{197}{1728}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
107465	1531	1680	$\frac{149}{1680}$	$\frac{19}{168}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
107466	1531	1920	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{91}{480}$	$\frac{389}{1920}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
107467	1532	2292	$\frac{1}{382}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{381}{764}$	$\Phi_{2292}\ \Phi_{764}^2\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
107468	1532	3810	$\frac{2}{381}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{379}{762}$	$\Phi_{3810}\ \Phi_{1270}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
107469	1532	2560	$\frac{1}{128}$	$\frac{1}{5}$	$\frac{129}{512}$	$\frac{127}{256}$	$\Phi_{2560}\ \Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
107470	1532	760	$\frac{3}{380}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{377}{760}$	$\Phi_{760}^4\ \Phi_{152}^4\ \Phi_{40}^4\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}^4$
107471	1532	3780	$\frac{5}{378}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{373}{756}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{540}\ \Phi_{420}\ \Phi_{180}\ \Phi_{140}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
107472	1532	2262	$\frac{6}{377}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{371}{754}$	$\Phi_{2262}^2\ \Phi_{174}^2\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{6}^2$
107473	1532	1239	$\frac{1}{59}$	$\frac{30}{413}$	$\frac{1}{3}$	$\frac{29}{59}$	$\Phi_{1239}^2\ \Phi_{177}\ \Phi_{21}^2$
107474	1532	3760	$\frac{7}{376}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{369}{752}$	$\Phi_{3760}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
107475	1532	3720	$\frac{11}{372}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{361}{744}$	$\Phi_{3720}\ \Phi_{1240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
107476	1532	3680	$\frac{15}{368}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{353}{736}$	$\Phi_{3680}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
107477	1532	720	$\frac{1}{24}$	$\frac{23}{360}$	$\frac{1}{5}$	$\frac{337}{720}$	$\Phi_{720}^4\ \Phi_{240}^4\ \Phi_{144}^4\ \Phi_{120}\ \Phi_{80}^4\ \Phi_{60}\ \Phi_{48}^4\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{15}\ \Phi_{10}$
107478	1532	390	$\frac{7}{390}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{65}^4\ \Phi_{39}^3\ \Phi_{30}^4\ \Phi_{26}^4\ \Phi_{15}^4\ \Phi_{13}^4\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
107479	1532	708	$\frac{1}{59}$	$\frac{29}{354}$	$\frac{1}{3}$	$\frac{325}{708}$	$\Phi_{708}^4\ \Phi_{236}^4\ \Phi_{177}\ \Phi_{12}^4\ \Phi_{4}^4$
107480	1532	3520	$\frac{1}{32}$	$\frac{31}{352}$	$\frac{1}{5}$	$\frac{321}{704}$	$\Phi_{3520}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
107481	1532	3360	$\frac{1}{48}$	$\frac{47}{336}$	$\frac{1}{5}$	$\frac{289}{672}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
107482	1532	640	$\frac{1}{64}$	$\frac{63}{320}$	$\frac{1}{5}$	$\frac{257}{640}$	$\Phi_{640}^4\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}^4\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
107483	1532	2880	$\frac{1}{96}$	$\frac{1}{5}$	$\frac{95}{288}$	$\frac{193}{576}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
107484	1532	573	$\frac{1}{191}$	$\frac{190}{573}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{573}^3\ \Phi_{191}^2\ \Phi_3^4\ \Phi_1^4$
107485	1532	885	$\frac{1}{59}$	$\frac{119}{885}$	$\frac{58}{177}$	$\frac{1}{3}$	$\Phi_{885}^2\ \Phi_{295}^2\ \Phi_{177}\ \Phi_{15}^2\ \Phi_5^2$
107486	1532	1131	$\frac{12}{377}$	$\frac{1}{13}$	$\frac{365}{1131}$	$\frac{1}{3}$	$\Phi_{1131}\ \Phi_{377}^2\ \Phi_{87}\ \Phi_{39}^2\ \Phi_{29}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
107487	1532	531	$\frac{1}{59}$	$\frac{29}{177}$	$\frac{148}{531}$	$\frac{1}{3}$	$\Phi_{531}^4\ \Phi_{177}\ \Phi_9^4$
107488	1532	1416	$\frac{1}{59}$	$\frac{89}{472}$	$\frac{29}{118}$	$\frac{1}{3}$	$\Phi_{1416}^2\ \Phi_{708}^2\ \Phi_{177}\ \Phi_{24}^2\ \Phi_{12}^2$
107489	1532	2160	$\frac{1}{24}$	$\frac{49}{432}$	$\frac{1}{5}$	$\frac{23}{72}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{270}\ \Phi_{240}\ \Phi_{135}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
107490	1532	1980	$\frac{13}{396}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
107491	1532	2280	$\frac{3}{76}$	$\frac{73}{456}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{285}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
107492	1532	400	$\frac{17}{400}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{400}^4\ \Phi_{200}^4\ \Phi_{100}^4\ \Phi_{80}^4\ \Phi_{50}^4\ \Phi_{40}^4\ \Phi_{25}^4\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{10}\ \Phi_8^4$
107493	1532	2520	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{121}{504}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{180}\ \Phi_{140}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
107494	1532	480	$\frac{1}{24}$	$\frac{23}{120}$	$\frac{1}{5}$	$\frac{97}{480}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{60}\ \Phi_{48}^4\ \Phi_{40}\ \Phi_{32}^4\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{15}\ \Phi_{10}$
107495	1532	420	$\frac{37}{420}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{420}^4\ \Phi_{210}^3\ \Phi_{140}^4\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{70}^3\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^3\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
107496	1532	2160	$\frac{5}{54}$	$\frac{49}{432}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
107497	1533	3056	$\frac{5}{1528}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1523}{3056}$	$\Phi_{3056}\ \Phi_{16}\ \Phi_8\ \Phi_1$
107498	1533	1308	$\frac{1}{218}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{217}{436}$	$\Phi_{654}^2\ \Phi_{436}\ \Phi_{327}^2\ \Phi_{218}^2\ \Phi_{109}^2\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
107499	1533	3924	$\frac{1}{218}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{217}{436}$	$\Phi_{3924}\ \Phi_{436}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
107500	1533	2048	$\frac{3}{512}$	$\frac{1}{4}$	$\frac{515}{2048}$	$\frac{509}{1024}$	$\Phi_{2048}\ \Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
107501	1533	1016	$\frac{3}{508}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{505}{1016}$	$\Phi_{1016}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
107502	1533	3040	$\frac{13}{1520}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1507}{3040}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{160}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
107503	1533	720	$\frac{1}{72}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{71}{144}$	$\Phi_{720}^4\ \Phi_{240}^4\ \Phi_{144}^5\ \Phi_{80}^4\ \Phi_{48}^5\ \Phi_{40}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
107504	1533	720	$\frac{1}{72}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{71}{144}$	$\Phi_{720}^4\ \Phi_{240}^4\ \Phi_{144}^5\ \Phi_{80}^4\ \Phi_{48}^5\ \Phi_{16}^5\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
107505	1533	144	$\frac{1}{72}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{71}{144}$	$\Phi_{144}^{21}\ \Phi_{48}^{21}\ \Phi_{16}^{21}\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
107506	1533	3600	$\frac{1}{72}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{71}{144}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{400}\ \Phi_{144}\ \Phi_{48}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
107507	1533	1720	$\frac{4}{215}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{211}{430}$	$\Phi_{1720}\ \Phi_{860}\ \Phi_{344}\ \Phi_{215}\ \Phi_{172}\ \Phi_{43}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
107508	1533	3008	$\frac{29}{1504}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1475}{3008}$	$\Phi_{3008}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
107509	1533	88	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{15}{88}$	$\frac{43}{88}$	$\Phi_{88}^{18}\ \Phi_{44}^{17}\ \Phi_{22}^{17}\ \Phi_{11}^{17}\ \Phi_8^{17}\ \Phi_4^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
107510	1533	992	$\frac{15}{496}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{481}{992}$	$\Phi_{992}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
107511	1533	2944	$\frac{61}{1472}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{1411}{2944}$	$\Phi_{2944}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
107512	1533	280	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{67}{140}$	$\Phi_{280}^6\ \Phi_{140}^3\ \Phi_{70}^6\ \Phi_{56}^6\ \Phi_{40}^8\ \Phi_{35}^6\ \Phi_{28}^3\ \Phi_{20}^5\ \Phi_{14}^6\ \Phi_{10}^7\ \Phi_8^7\ \Phi_7^6\ \Phi_5^7\ \Phi_4^4\ \Phi_2^6\ \Phi_1^7$
107513	1533	1672	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{199}{418}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{209}\ \Phi_{152}\ \Phi_{88}^2\ \Phi_{76}\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{19}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
107514	1533	600	$\frac{2}{75}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{600}^5\ \Phi_{200}^5\ \Phi_{120}^4\ \Phi_{75}\ \Phi_{40}^5\ \Phi_{25}\ \Phi_{24}^4\ \Phi_{15}\ \Phi_8^5\ \Phi_5\ \Phi_1$
107515	1533	1080	$\frac{1}{36}$	$\frac{1}{20}$	$\frac{35}{108}$	$\frac{19}{40}$	$\Phi_{1080}^4\ \Phi_{216}^4\ \Phi_{108}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_8\ \Phi_1$
107516	1533	760	$\frac{3}{76}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{760}^4\ \Phi_{152}^4\ \Phi_{76}\ \Phi_{40}\ \Phi_{38}\ \Phi_{19}\ \Phi_8\ \Phi_1$
107517	1533	480	$\frac{1}{24}$	$\frac{1}{20}$	$\frac{23}{96}$	$\frac{19}{40}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{96}^5\ \Phi_{80}^4\ \Phi_{48}^5\ \Phi_{40}\ \Phi_{32}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
107518	1533	360	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{19}{40}$	$\Phi_{360}^{8}\,\Phi_{120}^{8}\,\Phi_{90}\,\Phi_{72}^{8}\,\Phi_{45}\,\Phi_{40}^{9}\,\Phi_{30}\,\Phi_{24}^{8}\,\Phi_{15}\,\Phi_{10}\,\Phi_{8}^{9}\,\Phi_{5}\,\Phi_{1}$
107519	1533	1560	$\frac{1}{20}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{1560}^{2}\,\Phi_{520}^{2}\,\Phi_{312}^{2}\,\Phi_{104}^{2}\,\Phi_{78}\,\Phi_{40}\,\Phi_{39}\,\Phi_{26}\,\Phi_{13}\,\Phi_{8}\,\Phi_{1}$
107520	1533	840	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{19}{40}$	$\Phi_{840}^{4}\,\Phi_{280}^{4}\,\Phi_{168}^{4}\,\Phi_{84}\,\Phi_{56}^{4}\,\Phi_{42}\,\Phi_{40}\,\Phi_{28}\,\Phi_{21}\,\Phi_{14}\,\Phi_{8}\,\Phi_{7}\,\Phi_{1}$
107521	1533	80	$\frac{1}{20}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{19}{40}$	$\Phi_{80}^{21}\,\Phi_{40}^{18}\,\Phi_{20}^{17}\,\Phi_{16}^{21}\,\Phi_{10}^{17}\,\Phi_{8}^{17}\,\Phi_{5}^{17}\,\Phi_{4}^{16}\,\Phi_{2}^{16}\,\Phi_{1}^{17}$
107522	1533	3240	$\frac{1}{20}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{19}{40}$	$\Phi_{3240}\,\Phi_{1080}\,\Phi_{648}\,\Phi_{216}\,\Phi_{81}\,\Phi_{40}\,\Phi_{27}\,\Phi_{8}\,\Phi_{1}$
107523	1533	960	$\frac{1}{32}$	$\frac{31}{480}$	$\frac{1}{4}$	$\frac{449}{960}$	$\Phi_{960}^{3}\,\Phi_{320}^{3}\,\Phi_{192}^{3}\,\Phi_{64}^{3}\,\Phi_{32}^{3}\,\Phi_{16}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
107524	1533	2816	$\frac{3}{128}$	$\frac{125}{1408}$	$\frac{1}{4}$	$\frac{1283}{2816}$	$\Phi_{2816}\,\Phi_{256}\,\Phi_{128}\,\Phi_{64}\,\Phi_{32}\,\Phi_{16}\,\Phi_{8}\,\Phi_{1}$
107525	1533	400	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{1}{8}$	$\frac{181}{400}$	$\Phi_{400}^{7}\,\Phi_{80}^{7}\,\Phi_{40}^{4}\,\Phi_{20}^{3}\,\Phi_{16}^{7}\,\Phi_{10}^{3}\,\Phi_{8}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
107526	1533	264	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{1}{8}$	$\frac{59}{132}$	$\Phi_{264}^{6}\,\Phi_{132}^{3}\,\Phi_{88}^{8}\,\Phi_{66}^{6}\,\Phi_{44}^{5}\,\Phi_{33}^{6}\,\Phi_{24}^{6}\,\Phi_{22}^{7}\,\Phi_{12}^{3}\,\Phi_{11}^{7}\,\Phi_{8}^{7}\,\Phi_{6}^{6}\,\Phi_{4}^{4}\,\Phi_{3}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
107527	1533	128	$\frac{1}{64}$	$\frac{9}{64}$	$\frac{1}{4}$	$\frac{55}{128}$	$\Phi_{128}^{21}\,\Phi_{64}^{3}\,\Phi_{32}^{3}\,\Phi_{16}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
107528	1533	1308	$\frac{1}{109}$	$\frac{1}{6}$	$\frac{36}{109}$	$\frac{5}{12}$	$\Phi_{1308}^{2}\,\Phi_{436}^{2}\,\Phi_{109}^{2}\,\Phi_{12}^{3}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
107529	1533	444	$\frac{1}{74}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{444}^{2}\,\Phi_{222}^{4}\,\Phi_{148}^{4}\,\Phi_{111}^{4}\,\Phi_{74}^{5}\,\Phi_{37}^{5}\,\Phi_{12}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
107530	1533	2560	$\frac{3}{256}$	$\frac{253}{1280}$	$\frac{1}{4}$	$\frac{1027}{2560}$	$\Phi_{2560}\,\Phi_{512}\,\Phi_{256}\,\Phi_{128}\,\Phi_{64}\,\Phi_{32}\,\Phi_{16}\,\Phi_{8}\,\Phi_{1}$
107531	1533	352	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{43}{176}$	$\frac{133}{352}$	$\Phi_{352}^{7}\,\Phi_{88}^{4}\,\Phi_{44}^{3}\,\Phi_{32}^{7}\,\Phi_{22}^{3}\,\Phi_{11}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
107532	1533	224	$\frac{5}{224}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{224}^{7}\,\Phi_{112}^{7}\,\Phi_{56}^{7}\,\Phi_{32}^{7}\,\Phi_{28}^{7}\,\Phi_{16}^{7}\,\Phi_{14}^{7}\,\Phi_{8}^{3}\,\Phi_{7}^{7}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
107533	1533	440	$\frac{1}{55}$	$\frac{1}{8}$	$\frac{18}{55}$	$\frac{37}{110}$	$\Phi_{440}^{4}\,\Phi_{220}^{4}\,\Phi_{110}\,\Phi_{88}^{4}\,\Phi_{55}^{3}\,\Phi_{44}^{4}\,\Phi_{40}^{4}\,\Phi_{22}\,\Phi_{20}^{4}\,\Phi_{11}^{3}\,\Phi_{10}\,\Phi_{8}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
107534	1533	768	$\frac{1}{128}$	$\frac{1}{4}$	$\frac{127}{384}$	$\frac{257}{768}$	$\Phi_{768}^{3}\,\Phi_{256}^{3}\,\Phi_{128}^{3}\,\Phi_{64}^{3}\,\Phi_{32}^{3}\,\Phi_{16}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
107535	1533	981	$\frac{1}{109}$	$\frac{2}{9}$	$\frac{36}{109}$	$\frac{1}{3}$	$\Phi_{981}^{2}\,\Phi_{109}^{2}\,\Phi_{9}^{3}\,\Phi_{1}^{3}$
107536	1533	150	$\frac{2}{75}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{150}^{10}\,\Phi_{75}^{11}\,\Phi_{50}^{10}\,\Phi_{30}^{8}\,\Phi_{25}^{11}\,\Phi_{15}^{9}\,\Phi_{10}^{10}\,\Phi_{6}^{8}\,\Phi_{5}^{11}\,\Phi_{3}^{8}\,\Phi_{2}^{10}\,\Phi_{1}^{11}$
107537	1533	1332	$\frac{1}{74}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1332}^{2}\,\Phi_{666}\,\Phi_{333}\,\Phi_{148}^{2}\,\Phi_{74}\,\Phi_{37}\,\Phi_{36}\,\Phi_{9}\,\Phi_{4}\,\Phi_{1}$
107538	1533	600	$\frac{2}{75}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{600}^{3}\,\Phi_{300}^{2}\,\Phi_{200}^{3}\,\Phi_{150}^{2}\,\Phi_{120}^{3}\,\Phi_{100}^{2}\,\Phi_{75}^{3}\,\Phi_{60}^{2}\,\Phi_{50}^{2}\,\Phi_{40}^{3}\,\Phi_{30}^{2}\,\Phi_{25}^{3}\,\Phi_{20}^{2}\,\Phi_{15}^{3}\,\Phi_{10}^{2}\,\Phi_{8}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
107539	1533	75	$\frac{2}{75}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{75}^{20}\,\Phi_{25}^{21}\,\Phi_{15}^{21}\,\Phi_{5}^{21}\,\Phi_{3}^{20}\,\Phi_{1}^{21}$
107540	1533	540	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{35}{108}$	$\Phi_{540}^{4}\,\Phi_{270}^{4}\,\Phi_{135}^{4}\,\Phi_{108}^{5}\,\Phi_{54}^{5}\,\Phi_{27}^{5}\,\Phi_{10}^{2}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
107541	1533	216	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{35}{108}$	$\Phi_{216}^{12}\,\Phi_{108}^{9}\,\Phi_{54}^{9}\,\Phi_{27}^{9}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
107542	1533	2700	$\frac{1}{36}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{35}{108}$	$\Phi_{2700}\,\Phi_{1350}\,\Phi_{675}\,\Phi_{108}\,\Phi_{54}\,\Phi_{27}\,\Phi_{25}\,\Phi_{1}$
107543	1533	576	$\frac{1}{32}$	$\frac{65}{576}$	$\frac{1}{4}$	$\frac{31}{96}$	$\Phi_{576}^{3}\,\Phi_{288}^{3}\,\Phi_{192}^{3}\,\Phi_{144}^{3}\,\Phi_{72}^{3}\,\Phi_{64}^{3}\,\Phi_{36}^{3}\,\Phi_{32}^{3}\,\Phi_{18}^{3}\,\Phi_{16}^{3}\,\Phi_{9}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
107544	1533	88	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{15}{88}$	$\frac{7}{22}$	$\Phi_{88}^{17}\,\Phi_{44}^{17}\,\Phi_{22}^{19}\,\Phi_{11}^{19}\,\Phi_{8}^{16}\,\Phi_{4}^{16}\,\Phi_{2}^{18}\,\Phi_{1}^{19}$
107545	1533	380	$\frac{3}{76}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{380}^{4}\,\Phi_{190}^{4}\,\Phi_{95}^{4}\,\Phi_{76}^{5}\,\Phi_{38}^{5}\,\Phi_{19}^{5}\,\Phi_{10}^{2}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
107546	1533	480	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{23}{96}$	$\frac{3}{10}$	$\Phi_{480}^{4}\,\Phi_{240}^{4}\,\Phi_{160}^{4}\,\Phi_{96}^{5}\,\Phi_{80}^{4}\,\Phi_{48}^{5}\,\Phi_{32}^{5}\,\Phi_{16}^{5}\,\Phi_{10}^{2}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
107547	1533	90	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{17}{90}$	$\frac{3}{10}$	$\Phi_{90}^{17}\,\Phi_{45}^{17}\,\Phi_{30}^{17}\,\Phi_{18}^{16}\,\Phi_{15}^{17}\,\Phi_{10}^{19}\,\Phi_{9}^{16}\,\Phi_{6}^{16}\,\Phi_{5}^{19}\,\Phi_{3}^{16}\,\Phi_{2}^{18}\,\Phi_{1}^{19}$
107548	1533	390	$\frac{5}{78}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{390}^{4}\,\Phi_{195}^{4}\,\Phi_{130}^{4}\,\Phi_{78}^{5}\,\Phi_{65}^{4}\,\Phi_{39}^{5}\,\Phi_{26}^{5}\,\Phi_{13}^{5}\,\Phi_{10}^{2}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
107549	1533	420	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{84}$	$\frac{3}{10}$	$\Phi_{420}^{4}\,\Phi_{210}^{4}\,\Phi_{140}^{4}\,\Phi_{105}^{4}\,\Phi_{84}^{5}\,\Phi_{70}^{4}\,\Phi_{42}^{5}\,\Phi_{35}^{4}\,\Phi_{28}^{5}\,\Phi_{21}^{5}\,\Phi_{14}^{5}\,\Phi_{10}^{2}\,\Phi_{7}^{5}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
107550	1533	80	$\frac{7}{80}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{10}$	$\Phi_{80}^{21}\,\Phi_{40}^{17}\,\Phi_{20}^{17}\,\Phi_{16}^{21}\,\Phi_{10}^{19}\,\Phi_{8}^{16}\,\Phi_{5}^{19}\,\Phi_{4}^{16}\,\Phi_{2}^{18}\,\Phi_{1}^{19}$
107551	1533	810	$\frac{8}{81}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{3}{10}$	$\Phi_{810}^{2}\,\Phi_{405}^{2}\,\Phi_{270}^{2}\,\Phi_{162}^{2}\,\Phi_{135}^{2}\,\Phi_{81}^{3}\,\Phi_{54}^{2}\,\Phi_{27}^{3}\,\Phi_{10}^{2}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
107552	1533	528	$\frac{17}{528}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{528}^{3}\,\Phi_{264}^{3}\,\Phi_{176}^{3}\,\Phi_{132}^{3}\,\Phi_{88}^{3}\,\Phi_{66}^{3}\,\Phi_{48}^{3}\,\Phi_{44}^{3}\,\Phi_{33}^{3}\,\Phi_{22}^{3}\,\Phi_{16}^{3}\,\Phi_{11}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
107553	1533	200	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{19}{100}$	$\frac{27}{100}$	$\Phi_{200}^{8}\,\Phi_{100}^{6}\,\Phi_{50}^{6}\,\Phi_{40}^{12}\,\Phi_{25}^{6}\,\Phi_{20}^{9}\,\Phi_{10}^{9}\,\Phi_{8}^{11}\,\Phi_{5}^{9}\,\Phi_{4}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
107554	1533	152	$\frac{3}{76}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{152}^{12}\ \Phi_{76}^{9}\ \Phi_{38}^{9}\ \Phi_{19}^{9}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
107555	1533	96	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{23}{96}$	$\frac{1}{4}$	$\Phi_{96}^{21}\ \Phi_{48}^{21}\ \Phi_{32}^{21}\ \Phi_{16}^{21}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
107556	1533	640	$\frac{1}{32}$	$\frac{31}{160}$	$\frac{129}{640}$	$\frac{1}{4}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{128}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
107557	1533	1900	$\frac{3}{76}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{475}\ \Phi_{76}\ \Phi_{38}\ \Phi_{25}\ \Phi_{19}\ \Phi_{1}$
107558	1533	360	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{17}{90}$	$\frac{1}{4}$	$\Phi_{360}^{6}\ \Phi_{180}^{4}\ \Phi_{120}^{6}\ \Phi_{90}^{5}\ \Phi_{60}^{4}\ \Phi_{45}^{5}\ \Phi_{40}^{6}\ \Phi_{30}^{5}\ \Phi_{20}^{4}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{8}^{3}\ \Phi_{5}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
107559	1533	1600	$\frac{67}{1600}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
107560	1533	608	$\frac{13}{304}$	$\frac{97}{608}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{608}^{3}\ \Phi_{304}^{2}\ \Phi_{152}^{2}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{32}^{3}\ \Phi_{19}^{2}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
107561	1533	312	$\frac{5}{78}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{312}^{6}\ \Phi_{156}^{4}\ \Phi_{104}^{6}\ \Phi_{78}^{5}\ \Phi_{52}^{4}\ \Phi_{39}^{5}\ \Phi_{26}^{5}\ \Phi_{13}^{5}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
107562	1533	168	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{84}$	$\frac{1}{4}$	$\Phi_{168}^{12}\ \Phi_{84}^{9}\ \Phi_{56}^{12}\ \Phi_{42}^{9}\ \Phi_{28}^{9}\ \Phi_{21}^{9}\ \Phi_{14}^{9}\ \Phi_{8}^{3}\ \Phi_{7}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
107563	1533	80	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{80}^{21}\ \Phi_{40}^{21}\ \Phi_{20}^{21}\ \Phi_{16}^{21}\ \Phi_{10}^{21}\ \Phi_{8}^{3}\ \Phi_{5}^{21}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
107564	1533	576	$\frac{7}{72}$	$\frac{65}{576}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{576}^{3}\ \Phi_{288}^{3}\ \Phi_{192}^{3}\ \Phi_{144}^{3}\ \Phi_{96}^{3}\ \Phi_{64}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
107565	1533	648	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{648}^{3}\ \Phi_{324}^{2}\ \Phi_{216}^{3}\ \Phi_{162}^{2}\ \Phi_{108}^{2}\ \Phi_{81}^{3}\ \Phi_{54}^{2}\ \Phi_{27}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
107566	1533	2400	$\frac{1}{24}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{23}{96}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{400}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_{1}$
107567	1533	280	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{70}$	$\frac{61}{280}$	$\Phi_{280}^{5}\ \Phi_{140}^{5}\ \Phi_{70}^{6}\ \Phi_{56}^{5}\ \Phi_{40}^{7}\ \Phi_{35}^{6}\ \Phi_{28}^{5}\ \Phi_{20}^{7}\ \Phi_{14}^{6}\ \Phi_{10}^{7}\ \Phi_{8}^{6}\ \Phi_{7}^{6}\ \Phi_{5}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
107568	1533	450	$\frac{1}{18}$	$\frac{4}{25}$	$\frac{17}{90}$	$\frac{1}{5}$	$\Phi_{450}^{4}\ \Phi_{225}^{4}\ \Phi_{150}^{4}\ \Phi_{90}\ \Phi_{75}^{4}\ \Phi_{50}^{4}\ \Phi_{45}\ \Phi_{30}\ \Phi_{25}^{5}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
107569	1533	1950	$\frac{5}{78}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{325}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}\ \Phi_{25}\ \Phi_{13}\ \Phi_{1}$
107570	1533	2100	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{175}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{25}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
107571	1533	400	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{400}^{5}\ \Phi_{200}^{4}\ \Phi_{100}^{4}\ \Phi_{80}\ \Phi_{50}^{4}\ \Phi_{40}\ \Phi_{25}^{5}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
107572	1533	2025	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{81}\ \Phi_{27}\ \Phi_{25}\ \Phi_{1}$
107573	1534	1530	$\frac{2}{765}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{763}{1530}$	$\Phi_{1530}^{2}\ \Phi_{510}^{2}\ \Phi_{306}^{2}\ \Phi_{170}^{2}\ \Phi_{102}^{2}\ \Phi_{90}^{2}\ \Phi_{34}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
107574	1534	3072	$\frac{1}{256}$	$\frac{257}{1024}$	$\frac{1}{3}$	$\frac{255}{512}$	$\Phi_{3072}\ \Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
107575	1534	4584	$\frac{3}{764}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{761}{1528}$	$\Phi_{4584}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
107576	1534	1314	$\frac{1}{219}$	$\frac{110}{657}$	$\frac{547}{1314}$	$\frac{109}{219}$	$\Phi_{1314}^{2}\ \Phi_{438}^{2}\ \Phi_{219}\ \Phi_{146}^{2}\ \Phi_{73}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
107577	1534	1526	$\frac{4}{763}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{759}{1526}$	$\Phi_{1526}^{2}\ \Phi_{218}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
107578	1534	1524	$\frac{5}{762}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{757}{1524}$	$\Phi_{1524}^{2}\ \Phi_{508}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
107579	1534	936	$\frac{1}{117}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{58}{117}$	$\Phi_{936}^{3}\ \Phi_{312}^{3}\ \Phi_{117}\ \Phi_{104}^{3}\ \Phi_{72}^{3}\ \Phi_{39}\ \Phi_{24}^{4}\ \Phi_{13}\ \Phi_{9}\ \Phi_{8}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
107580	1534	585	$\frac{1}{117}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{58}{117}$	$\Phi_{585}^{3}\ \Phi_{195}^{3}\ \Phi_{117}\ \Phi_{65}^{3}\ \Phi_{45}^{3}\ \Phi_{39}\ \Phi_{15}^{4}\ \Phi_{13}\ \Phi_{9}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
107581	1534	234	$\frac{1}{117}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{58}{117}$	$\Phi_{234}^{6}\ \Phi_{117}^{7}\ \Phi_{78}^{6}\ \Phi_{39}^{7}\ \Phi_{26}^{6}\ \Phi_{18}^{7}\ \Phi_{13}^{7}\ \Phi_{9}^{8}\ \Phi_{6}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
107582	1534	1872	$\frac{1}{117}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{58}{117}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{13}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
107583	1534	4560	$\frac{7}{760}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{753}{1520}$	$\Phi_{4560}\ \Phi_{912}\ \Phi_{240}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
107584	1534	1460	$\frac{1}{73}$	$\frac{37}{730}$	$\frac{693}{1460}$	$\frac{36}{73}$	$\Phi_{1460}^{2}\ \Phi_{292}^{2}\ \Phi_{73}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
107585	1534	1095	$\frac{1}{73}$	$\frac{37}{365}$	$\frac{328}{1095}$	$\frac{36}{73}$	$\Phi_{1095}^{2}\ \Phi_{219}^{2}\ \Phi_{73}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
107586	1534	876	$\frac{1}{73}$	$\frac{109}{876}$	$\frac{37}{146}$	$\frac{36}{73}$	$\Phi_{876}^{2}\ \Phi_{438}^{2}\ \Phi_{292}^{2}\ \Phi_{219}^{2}\ \Phi_{73}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
107587	1534	1512	$\frac{11}{756}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{745}{1512}$	$\Phi_{1512}^{2}\ \Phi_{504}^{2}\ \Phi_{216}^{2}\ \Phi_{168}^{2}\ \Phi_{72}^{2}\ \Phi_{56}^{2}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
107588	1534	1512	$\frac{11}{756}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{745}{1512}$	$\Phi_{1512}^{2}\ \Phi_{504}^{2}\ \Phi_{216}^{2}\ \Phi_{168}^{2}\ \Phi_{72}^{2}\ \Phi_{56}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
107589	1534	1512	$\frac{11}{756}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{745}{1512}$	$\Phi_{1512}^2\ \Phi_{504}^2\ \Phi_{216}^2\ \Phi_{168}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{24}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
107590	1534	2900	$\frac{1}{58}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{57}{116}$	$\Phi_{2900}\ \Phi_{580}\ \Phi_{116}^2\ \Phi_{100}\ \Phi_{25}\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
107591	1534	2436	$\frac{1}{58}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{57}{116}$	$\Phi_{2436}^2\ \Phi_{348}\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
107592	1534	1740	$\frac{1}{58}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{57}{116}$	$\Phi_{1740}^2\ \Phi_{580}\ \Phi_{348}^2\ \Phi_{116}^2\ \Phi_{60}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
107593	1534	1505	$\frac{29}{1505}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{738}{1505}$	$\Phi_{1505}\ \Phi_{301}\ \Phi_{215}\ \Phi_{43}\ \Phi_{35}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
107594	1534	924	$\frac{3}{154}$	$\frac{1}{7}$	$\frac{157}{924}$	$\frac{151}{308}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
107595	1534	4512	$\frac{15}{752}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{737}{1504}$	$\Phi_{4512}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
107596	1534	1488	$\frac{23}{744}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{721}{1488}$	$\Phi_{1488}^2\ \Phi_{496}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107597	1534	1026	$\frac{2}{57}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{1026}^3\ \Phi_{342}^3\ \Phi_{114}^2\ \Phi_{54}^3\ \Phi_{38}^2\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107598	1534	114	$\frac{2}{57}$	$\frac{5}{57}$	$\frac{1}{6}$	$\frac{55}{114}$	$\Phi_{114}^{11}\ \Phi_{57}^{16}\ \Phi_{38}^{11}\ \Phi_{19}^{16}\ \Phi_6^{10}\ \Phi_3^{15}\ \Phi_2^{10}\ \Phi_1^{16}$
107599	1534	2175	$\frac{1}{29}$	$\frac{1}{25}$	$\frac{28}{87}$	$\frac{12}{25}$	$\Phi_{2175}\ \Phi_{435}\ \Phi_{87}^2\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
107600	1534	4416	$\frac{1}{32}$	$\frac{31}{736}$	$\frac{1}{3}$	$\frac{705}{1472}$	$\Phi_{4416}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
107601	1534	840	$\frac{3}{70}$	$\frac{73}{840}$	$\frac{1}{7}$	$\frac{67}{140}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
107602	1534	1470	$\frac{32}{735}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{703}{1470}$	$\Phi_{1470}^2\ \Phi_{490}^2\ \Phi_{294}^2\ \Phi_{210}^2\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
107603	1534	1134	$\frac{11}{378}$	$\frac{1}{21}$	$\frac{367}{1134}$	$\frac{10}{21}$	$\Phi_{1134}^2\ \Phi_{567}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
107604	1534	798	$\frac{31}{798}$	$\frac{1}{21}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{21}\ \Phi_{19}^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
107605	1534	1008	$\frac{11}{252}$	$\frac{1}{21}$	$\frac{241}{1008}$	$\frac{10}{21}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
107606	1534	945	$\frac{1}{21}$	$\frac{11}{189}$	$\frac{178}{945}$	$\frac{10}{21}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
107607	1534	63	$\frac{1}{21}$	$\frac{4}{63}$	$\frac{11}{63}$	$\frac{10}{21}$	$\Phi_{63}^{24}\ \Phi_{21}^{25}\ \Phi_9^{24}\ \Phi_7^{25}\ \Phi_3^{25}\ \Phi_1^{26}$
107608	1534	840	$\frac{1}{21}$	$\frac{73}{840}$	$\frac{11}{84}$	$\frac{10}{21}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
107609	1534	882	$\frac{1}{21}$	$\frac{11}{126}$	$\frac{115}{882}$	$\frac{10}{21}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{294}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
107610	1534	1463	$\frac{71}{1463}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{696}{1463}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{133}\ \Phi_{77}^2\ \Phi_{19}\ \Phi_{11}^2\ \Phi_7\ \Phi_1^2$
107611	1534	2160	$\frac{1}{27}$	$\frac{1}{20}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
107612	1534	3024	$\frac{1}{27}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
107613	1534	112	$\frac{3}{56}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{53}{112}$	$\Phi_{112}^{26}\ \Phi_{16}^{26}\ \Phi_{14}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
107614	1534	476	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{9}{68}$	$\frac{8}{17}$	$\Phi_{476}^4\ \Phi_{238}^3\ \Phi_{119}^3\ \Phi_{68}^2\ \Phi_{34}\ \Phi_{28}^4\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
107615	1534	1440	$\frac{1}{48}$	$\frac{47}{720}$	$\frac{1}{3}$	$\frac{673}{1440}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107616	1534	73	$\frac{3}{73}$	$\frac{5}{73}$	$\frac{14}{73}$	$\frac{34}{73}$	$\Phi_{73}^{21}\ \Phi_1^{22}$
107617	1534	2970	$\frac{1}{27}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{2970}\ \Phi_{990}\ \Phi_{594}\ \Phi_{330}\ \Phi_{270}\ \Phi_{198}\ \Phi_{135}\ \Phi_{90}\ \Phi_{66}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
107618	1534	120	$\frac{1}{60}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{120}^{24}\ \Phi_{60}^2\ \Phi_{40}^{24}\ \Phi_{30}^2\ \Phi_{24}^{22}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^{22}\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107619	1534	312	$\frac{1}{39}$	$\frac{1}{12}$	$\frac{19}{78}$	$\frac{11}{24}$	$\Phi_{312}^9\ \Phi_{104}^9\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{24}^{10}\ \Phi_{13}\ \Phi_8^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107620	1534	216	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{216}^6\ \Phi_{108}^9\ \Phi_{72}^5\ \Phi_{54}^9\ \Phi_{36}^8\ \Phi_{27}^8\ \Phi_{24}^6\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^7\ \Phi_8^6\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
107621	1534	504	$\frac{4}{63}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{24}$	$\Phi_{504}^6\ \Phi_{168}^6\ \Phi_{72}^3\ \Phi_{63}^2\ \Phi_{56}^6\ \Phi_{24}^4\ \Phi_{21}^2\ \Phi_9\ \Phi_8^4\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
107622	1534	1560	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{6}{65}$	$\frac{11}{24}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}\ \Phi_{120}^2\ \Phi_{104}\ \Phi_{65}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_5^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
107623	1534	4224	$\frac{1}{64}$	$\frac{63}{704}$	$\frac{1}{3}$	$\frac{641}{1408}$	$\Phi_{4224}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
107624	1534	108	$\frac{1}{27}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{108}^{26}\ \Phi_{54}^{3}\ \Phi_{36}^{26}\ \Phi_{27}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{26}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{26}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107625	1534	1400	$\frac{3}{70}$	$\frac{67}{700}$	$\frac{1}{7}$	$\frac{633}{1400}$	$\Phi_{1400}^{2}\ \Phi_{280}^{2}\ \Phi_{200}^{2}\ \Phi_{70}^{2}\ \Phi_{56}^{2}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
107626	1534	1386	$\frac{3}{77}$	$\frac{74}{693}$	$\frac{1}{7}$	$\frac{619}{1386}$	$\Phi_{1386}^{2}\ \Phi_{462}^{2}\ \Phi_{198}^{2}\ \Phi_{154}^{2}\ \Phi_{126}^{2}\ \Phi_{77}^{2}\ \Phi_{66}^{2}\ \Phi_{42}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{11}^{2}\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
107627	1534	180	$\frac{1}{60}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{180}^{9}\ \Phi_{90}^{9}\ \Phi_{60}^{8}\ \Phi_{45}^{9}\ \Phi_{36}^{9}\ \Phi_{30}^{8}\ \Phi_{20}^{8}\ \Phi_{18}^{7}\ \Phi_{15}^{8}\ \Phi_{12}^{8}\ \Phi_{10}^{8}\ \Phi_{9}^{8}\ \Phi_{6}^{6}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
107628	1534	1344	$\frac{1}{96}$	$\frac{95}{672}$	$\frac{1}{3}$	$\frac{577}{1344}$	$\Phi_{1344}^{2}\ \Phi_{448}^{2}\ \Phi_{192}^{2}\ \Phi_{96}^{2}\ \Phi_{64}^{2}\ \Phi_{48}^{2}\ \Phi_{32}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107629	1534	126	$\frac{4}{63}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{126}^{14}\ \Phi_{63}^{12}\ \Phi_{42}^{14}\ \Phi_{21}^{12}\ \Phi_{18}^{14}\ \Phi_{14}^{6}\ \Phi_{9}^{12}\ \Phi_{7}^{5}\ \Phi_{6}^{14}\ \Phi_{3}^{12}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
107630	1534	714	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{8}{51}$	$\frac{43}{102}$	$\Phi_{714}^{2}\ \Phi_{357}^{2}\ \Phi_{238}^{3}\ \Phi_{119}^{3}\ \Phi_{51}^{2}\ \Phi_{42}^{2}\ \Phi_{34}\ \Phi_{21}^{2}\ \Phi_{17}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
107631	1534	2700	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
107632	1534	3840	$\frac{1}{128}$	$\frac{127}{640}$	$\frac{1}{3}$	$\frac{513}{1280}$	$\Phi_{3840}\ \Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
107633	1534	784	$\frac{17}{784}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{784}^{2}\ \Phi_{392}^{2}\ \Phi_{196}^{2}\ \Phi_{112}^{2}\ \Phi_{98}^{2}\ \Phi_{56}^{2}\ \Phi_{49}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{2}\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
107634	1534	864	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{864}^{3}\ \Phi_{288}^{3}\ \Phi_{108}^{3}\ \Phi_{96}^{2}\ \Phi_{54}^{3}\ \Phi_{36}^{3}\ \Phi_{32}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107635	1534	63	$\frac{1}{21}$	$\frac{4}{63}$	$\frac{5}{21}$	$\frac{8}{21}$	$\Phi_{63}^{26}\ \Phi_{21}^{21}\ \Phi_{9}^{26}\ \Phi_{7}^{21}\ \Phi_{3}^{21}\ \Phi_{1}^{22}$
107636	1534	1232	$\frac{3}{154}$	$\frac{1}{7}$	$\frac{151}{616}$	$\frac{465}{1232}$	$\Phi_{1232}^{2}\ \Phi_{176}^{2}\ \Phi_{154}^{2}\ \Phi_{112}^{2}\ \Phi_{77}^{2}\ \Phi_{22}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{11}^{2}\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
107637	1534	1728	$\frac{1}{27}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
107638	1534	270	$\frac{1}{27}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{270}^{9}\ \Phi_{135}^{3}\ \Phi_{90}^{8}\ \Phi_{54}^{9}\ \Phi_{45}^{3}\ \Phi_{30}^{8}\ \Phi_{27}^{2}\ \Phi_{18}^{8}\ \Phi_{15}^{2}\ \Phi_{10}^{8}\ \Phi_{9}^{2}\ \Phi_{6}^{8}\ \Phi_{5}^{2}\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
107639	1534	1155	$\frac{6}{385}$	$\frac{1}{7}$	$\frac{379}{1155}$	$\frac{388}{1155}$	$\Phi_{1155}\ \Phi_{385}^{2}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}^{2}\ \Phi_{55}^{2}\ \Phi_{35}^{2}\ \Phi_{33}\ \Phi_{21}\ \Phi_{15}\ \Phi_{11}^{2}\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
107640	1534	1152	$\frac{1}{192}$	$\frac{191}{576}$	$\frac{1}{3}$	$\frac{385}{1152}$	$\Phi_{1152}^{2}\ \Phi_{384}^{2}\ \Phi_{192}^{2}\ \Phi_{128}^{2}\ \Phi_{96}^{2}\ \Phi_{64}^{2}\ \Phi_{48}^{2}\ \Phi_{32}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107641	1534	1020	$\frac{2}{255}$	$\frac{253}{1020}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{340}^{2}\ \Phi_{204}^{2}\ \Phi_{170}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{60}^{2}\ \Phi_{34}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107642	1534	774	$\frac{7}{774}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{774}^{2}\ \Phi_{387}^{2}\ \Phi_{258}^{2}\ \Phi_{129}^{2}\ \Phi_{86}^{2}\ \Phi_{43}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107643	1534	918	$\frac{2}{153}$	$\frac{151}{918}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{918}^{2}\ \Phi_{459}^{2}\ \Phi_{306}^{2}\ \Phi_{102}^{2}\ \Phi_{54}^{2}\ \Phi_{34}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107644	1534	60	$\frac{1}{60}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{60}^{26}\ \Phi_{30}^{26}\ \Phi_{20}^{26}\ \Phi_{15}^{24}\ \Phi_{12}^{26}\ \Phi_{10}^{26}\ \Phi_{6}^{26}\ \Phi_{5}^{24}\ \Phi_{4}^{26}\ \Phi_{3}^{25}\ \Phi_{2}^{26}\ \Phi_{1}^{26}$
107645	1534	816	$\frac{2}{51}$	$\frac{49}{816}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{816}^{2}\ \Phi_{408}^{2}\ \Phi_{272}^{2}\ \Phi_{204}^{2}\ \Phi_{136}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{48}^{2}\ \Phi_{34}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107646	1534	810	$\frac{2}{45}$	$\frac{43}{810}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{810}^{2}\ \Phi_{405}^{2}\ \Phi_{270}^{2}\ \Phi_{162}^{2}\ \Phi_{135}^{2}\ \Phi_{90}^{2}\ \Phi_{81}^{2}\ \Phi_{54}^{2}\ \Phi_{30}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107647	1534	864	$\frac{1}{48}$	$\frac{97}{864}$	$\frac{47}{144}$	$\frac{1}{3}$	$\Phi_{864}^{2}\ \Phi_{432}^{2}\ \Phi_{288}^{2}\ \Phi_{216}^{2}\ \Phi_{108}^{2}\ \Phi_{96}^{2}\ \Phi_{54}^{2}\ \Phi_{48}^{2}\ \Phi_{32}^{2}\ \Phi_{27}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107648	1534	1218	$\frac{1}{29}$	$\frac{1}{14}$	$\frac{28}{87}$	$\frac{1}{3}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{406}^{2}\ \Phi_{203}^{2}\ \Phi_{174}\ \Phi_{58}^{2}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
107649	1534	792	$\frac{25}{792}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{99}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107650	1534	180	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}^{2}\ \Phi_{45}^{12}\ \Phi_{36}^{12}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{10}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{10}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107651	1534	240	$\frac{1}{60}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}^{8}\ \Phi_{60}^{2}\ \Phi_{48}^{7}\ \Phi_{40}^{8}\ \Phi_{30}^{2}\ \Phi_{24}^{7}\ \Phi_{20}^{2}\ \Phi_{16}^{8}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{8}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107652	1534	390	$\frac{1}{39}$	$\frac{2}{15}$	$\frac{19}{78}$	$\frac{1}{3}$	$\Phi_{390}^{6}\ \Phi_{195}^{3}\ \Phi_{130}^{6}\ \Phi_{78}^{2}\ \Phi_{65}^{3}\ \Phi_{39}\ \Phi_{30}^{6}\ \Phi_{26}^{2}\ \Phi_{15}^{4}\ \Phi_{13}\ \Phi_{10}^{6}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
107653	1534	1008	$\frac{11}{252}$	$\frac{1}{12}$	$\frac{241}{1008}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107654	1534	960	$\frac{1}{48}$	$\frac{47}{240}$	$\frac{193}{960}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107655	1534	192	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{3}{16}$	$\frac{1}{3}$	$\Phi_{192}^{13}\ \Phi_{96}^{13}\ \Phi_{48}^9\ \Phi_{24}^9\ \Phi_{12}^9\ \Phi_6^9\ \Phi_3^8$
107656	1534	2400	$\frac{33}{800}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{96}\ \Phi_{75}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
107657	1534	912	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{145}{912}$	$\frac{1}{3}$	$\Phi_{912}^2\ \Phi_{456}\ \Phi_{304}^2\ \Phi_{228}\ \Phi_{152}^2\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{48}^2\ \Phi_{38}^2\ \Phi_{24}^2\ \Phi_{19}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107658	1534	315	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{315}^6\ \Phi_{105}^6\ \Phi_{63}^2\ \Phi_{45}^3\ \Phi_{35}^6\ \Phi_{21}^2\ \Phi_{15}^4\ \Phi_9\ \Phi_7^2\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
107659	1534	195	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{195}^7\ \Phi_{65}^9\ \Phi_{39}^8\ \Phi_{15}^8\ \Phi_{13}^9\ \Phi_5^{10}\ \Phi_3^8\ \Phi_1^{10}$
107660	1534	840	$\frac{1}{12}$	$\frac{73}{840}$	$\frac{11}{84}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107661	1534	864	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{864}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107662	1534	1134	$\frac{11}{378}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{367}{1134}$	$\Phi_{1134}^2\ \Phi_{567}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
107663	1534	435	$\frac{1}{29}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{28}{87}$	$\Phi_{435}^3\ \Phi_{145}^4\ \Phi_{87}^4\ \Phi_{29}^4\ \Phi_{15}^5\ \Phi_5^5\ \Phi_3^6\ \Phi_1^6$
107664	1534	924	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{157}{924}$	$\frac{74}{231}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
107665	1534	2142	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{35}{153}$	$\frac{16}{51}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{306}\ \Phi_{238}\ \Phi_{126}\ \Phi_{119}\ \Phi_{63}\ \Phi_{34}\ \Phi_{18}$
107666	1534	840	$\frac{3}{35}$	$\frac{73}{840}$	$\frac{1}{7}$	$\frac{32}{105}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
107667	1534	756	$\frac{1}{27}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^3\ \Phi_{84}\ \Phi_{63}^2\ \Phi_{54}^3\ \Phi_{42}\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107668	1534	84	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{84}$	$\Phi_{84}^{26}\ \Phi_{42}^{26}\ \Phi_{21}^{26}\ \Phi_{14}^6\ \Phi_{12}^{26}\ \Phi_7^5\ \Phi_6^{26}\ \Phi_3^{26}\ \Phi_2^6\ \Phi_1^6$
107669	1534	234	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{19}{78}$	$\frac{5}{18}$	$\Phi_{234}^9\ \Phi_{117}^9\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{18}^{10}\ \Phi_{13}\ \Phi_9^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107670	1534	216	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{216}^9\ \Phi_{108}^9\ \Phi_{72}^8\ \Phi_{54}^3\ \Phi_{36}^8\ \Phi_{27}^2\ \Phi_{24}^8\ \Phi_{18}^3\ \Phi_{12}^8\ \Phi_9^2\ \Phi_8^8\ \Phi_6^2\ \Phi_4^8\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107671	1534	126	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{126}^{12}\ \Phi_{63}^{14}\ \Phi_{42}^{12}\ \Phi_{21}^{14}\ \Phi_{18}^7\ \Phi_{14}^{12}\ \Phi_9^8\ \Phi_7^{14}\ \Phi_6^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
107672	1534	1170	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{234}\ \Phi_{117}\ \Phi_{90}^2\ \Phi_{65}^2\ \Phi_{45}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_5^2\ \Phi_1^2$
107673	1534	1050	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{67}{350}$	$\frac{283}{1050}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{210}^2\ \Phi_{150}^2\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
107674	1534	798	$\frac{31}{798}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
107675	1534	624	$\frac{1}{39}$	$\frac{3}{16}$	$\frac{19}{78}$	$\frac{1}{4}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{104}^3\ \Phi_{78}^2\ \Phi_{48}^3\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{24}^3\ \Phi_{16}^4\ \Phi_{13}\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
107676	1534	1008	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{144}\ \Phi_{112}^2\ \Phi_{72}\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_9\ \Phi_8^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
107677	1534	1040	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1040}^2\ \Phi_{520}^2\ \Phi_{208}\ \Phi_{104}\ \Phi_{80}^2\ \Phi_{65}^2\ \Phi_{40}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_5^2\ \Phi_1^2$
107678	1534	1008	$\frac{11}{252}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{241}{1008}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
107679	1534	77	$\frac{5}{77}$	$\frac{1}{7}$	$\frac{12}{77}$	$\frac{18}{77}$	$\Phi_{77}^{20}\ \Phi_{11}^{20}\ \Phi_7^{19}\ \Phi_1^{20}$
107680	1534	73	$\frac{5}{73}$	$\frac{8}{73}$	$\frac{14}{73}$	$\frac{17}{73}$	$\Phi_{73}^{21}\ \Phi_1^{22}$
107681	1534	980	$\frac{3}{35}$	$\frac{32}{245}$	$\frac{1}{7}$	$\frac{213}{980}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{196}^2\ \Phi_{140}^2\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
107682	1534	70	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{3}{14}$	$\Phi_{70}^{26}\ \Phi_{35}^{26}\ \Phi_{14}^6\ \Phi_{10}^{26}\ \Phi_7^5\ \Phi_5^{26}\ \Phi_2^6\ \Phi_1^6$
107683	1534	840	$\frac{73}{840}$	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
107684	1534	882	$\frac{11}{126}$	$\frac{115}{882}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{294}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
107685	1535	1224	$\frac{1}{306}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{305}{612}$	$\Phi_{1224}^2\ \Phi_{612}\ \Phi_{408}^2\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{72}^2\ \Phi_{68}\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
107686	1535	2832	$\frac{1}{118}$	$\frac{119}{1416}$	$\frac{1297}{2832}$	$\frac{117}{236}$	$\Phi_{2832}\ \Phi_{944}\ \Phi_{236}\ \Phi_{48}\ \Phi_{16}\ \Phi_4\ \Phi_1$
107687	1535	2124	$\frac{1}{118}$	$\frac{119}{708}$	$\frac{589}{2124}$	$\frac{117}{236}$	$\Phi_{2124}\ \Phi_{1062}\ \Phi_{531}\ \Phi_{236}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
107688	1535	1888	$\frac{1}{118}$	$\frac{353}{1888}$	$\frac{119}{472}$	$\frac{117}{236}$	$\Phi_{1888}\ \Phi_{944}\ \Phi_{236}\ \Phi_{32}\ \Phi_{16}\ \Phi_4\ \Phi_1$
107689	1535	1824	$\frac{3}{304}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{301}{608}$	$\Phi_{1824}^2\ \Phi_{608}\ \Phi_{96}^2\ \Phi_{32}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
107690	1535	3016	$\frac{27}{1508}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{1481}{3016}$	$\Phi_{3016}\ \Phi_{232}\ \Phi_{104}\ \Phi_{52}\ \Phi_8\ \Phi_4\ \Phi_1$
107691	1535	1806	$\frac{6}{301}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{295}{602}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{301}\ \Phi_{258}\ \Phi_{129}\ \Phi_{43}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
107692	1535	1056	$\frac{1}{44}$	$\frac{45}{352}$	$\frac{1}{6}$	$\frac{43}{88}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}\ \Phi_{176}\ \Phi_{132}^2\ \Phi_{96}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
107693	1535	594	$\frac{10}{297}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{287}{594}$	$\Phi_{594}^2\ \Phi_{297}^3\ \Phi_{198}^2\ \Phi_{99}^3\ \Phi_{66}^3\ \Phi_{54}^2\ \Phi_{33}^4\ \Phi_{27}^3\ \Phi_{22}^3\ \Phi_{18}^2\ \Phi_{11}^3\ \Phi_9^3\ \Phi_6^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
107694	1535	336	$\frac{1}{28}$	$\frac{29}{336}$	$\frac{1}{6}$	$\frac{27}{56}$	$\Phi_{336}^5\ \Phi_{168}^3\ \Phi_{112}^5\ \Phi_{84}^5\ \Phi_{56}^4\ \Phi_{48}^5\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{24}^3\ \Phi_{21}^5\ \Phi_{16}^5\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_8^4\ \Phi_7^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
107695	1535	2964	$\frac{53}{1482}$	$\frac{1}{26}$	$\frac{25}{78}$	$\frac{1429}{2964}$	$\Phi_{2964}\ \Phi_{988}\ \Phi_{228}\ \Phi_{156}\ \Phi_{78}\ \Phi_{76}\ \Phi_{52}\ \Phi_{39}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
107696	1535	588	$\frac{13}{294}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{281}{588}$	$\Phi_{588}^5\ \Phi_{196}^5\ \Phi_{84}^5\ \Phi_{42}^2\ \Phi_{28}^5\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^5\ \Phi_7\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
107697	1535	416	$\frac{1}{26}$	$\frac{5}{104}$	$\frac{109}{416}$	$\frac{99}{208}$	$\Phi_{416}^5\ \Phi_{104}^5\ \Phi_{52}^5\ \Phi_{32}^5\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_8^5\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
107698	1535	2912	$\frac{1}{26}$	$\frac{79}{1456}$	$\frac{25}{104}$	$\frac{1377}{2912}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{224}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
107699	1535	2912	$\frac{79}{1456}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1377}{2912}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{224}\ \Phi_{91}\ \Phi_{32}\ \Phi_7\ \Phi_1$
107700	1535	1768	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{233}{1768}$	$\frac{209}{442}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{221}\ \Phi_{136}\ \Phi_{104}\ \Phi_{68}\ \Phi_{52}\ \Phi_{17}\ \Phi_8\ \Phi_4\ \Phi_1$
107701	1535	572	$\frac{1}{26}$	$\frac{21}{286}$	$\frac{5}{26}$	$\frac{265}{572}$	$\Phi_{572}^5\ \Phi_{52}^5\ \Phi_{44}^5\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
107702	1535	1716	$\frac{1}{22}$	$\frac{21}{286}$	$\frac{1}{6}$	$\frac{265}{572}$	$\Phi_{1716}^2\ \Phi_{572}\ \Phi_{156}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{52}\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
107703	1535	1872	$\frac{1}{26}$	$\frac{25}{312}$	$\frac{337}{1872}$	$\frac{287}{624}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
107704	1535	2832	$\frac{1}{59}$	$\frac{119}{1416}$	$\frac{58}{177}$	$\frac{1297}{2832}$	$\Phi_{2832}\ \Phi_{944}\ \Phi_{177}\ \Phi_{48}\ \Phi_{16}\ \Phi_3\ \Phi_1$
107705	1535	2808	$\frac{1}{26}$	$\frac{131}{1404}$	$\frac{25}{156}$	$\frac{1273}{2808}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{312}\ \Phi_{216}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
107706	1535	1680	$\frac{1}{28}$	$\frac{27}{280}$	$\frac{1}{6}$	$\frac{253}{560}$	$\Phi_{1680}^2\ \Phi_{560}\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{112}\ \Phi_{84}^2\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
107707	1535	2124	$\frac{1}{59}$	$\frac{58}{531}$	$\frac{589}{2124}$	$\frac{473}{1062}$	$\Phi_{2124}\ \Phi_{708}\ \Phi_{531}\ \Phi_{236}\ \Phi_{177}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
107708	1535	315	$\frac{8}{315}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{315}^5\ \Phi_{105}^5\ \Phi_{63}^5\ \Phi_{45}^4\ \Phi_{35}^5\ \Phi_{21}^5\ \Phi_{15}^4\ \Phi_9^5\ \Phi_7^5\ \Phi_5^3\ \Phi_3^5\ \Phi_1^5$
107709	1535	1638	$\frac{103}{1638}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{79}{182}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{234}\ \Phi_{126}\ \Phi_{117}\ \Phi_{91}\ \Phi_{78}\ \Phi_{63}\ \Phi_{42}\ \Phi_{39}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
107710	1535	2652	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{209}{1326}$	$\frac{1117}{2652}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{221}\ \Phi_{204}\ \Phi_{156}\ \Phi_{68}\ \Phi_{52}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
107711	1535	528	$\frac{1}{44}$	$\frac{43}{264}$	$\frac{1}{6}$	$\frac{221}{528}$	$\Phi_{528}^5\ \Phi_{176}^5\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{48}^5\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{16}^5\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
107712	1535	520	$\frac{1}{26}$	$\frac{5}{52}$	$\frac{47}{260}$	$\frac{213}{520}$	$\Phi_{520}^5\ \Phi_{104}^5\ \Phi_{52}^5\ \Phi_{40}^5\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_8^5\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
107713	1535	2496	$\frac{1}{26}$	$\frac{25}{312}$	$\frac{287}{1248}$	$\frac{961}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{312}\ \Phi_{192}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{64}\ \Phi_{52}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
107714	1535	1664	$\frac{1}{26}$	$\frac{129}{1664}$	$\frac{25}{104}$	$\frac{79}{208}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{128}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
107715	1535	2472	$\frac{2}{309}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2472}\ \Phi_{824}\ \Phi_{309}\ \Phi_{103}\ \Phi_8\ \Phi_1$
107716	1535	3672	$\frac{1}{153}$	$\frac{1}{4}$	$\frac{152}{459}$	$\frac{3}{8}$	$\Phi_{3672}\ \Phi_{459}\ \Phi_{216}\ \Phi_{27}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
107717	1535	408	$\frac{1}{102}$	$\frac{101}{408}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^{3}\ \Phi_{204}^{5}\ \Phi_{136}^{3}\ \Phi_{102}^{4}\ \Phi_{68}^{5}\ \Phi_{51}^{4}\ \Phi_{34}^{4}\ \Phi_{24}^{3}\ \Phi_{17}^{4}\ \Phi_{12}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
107718	1535	312	$\frac{5}{312}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^{5}\ \Phi_{156}^{5}\ \Phi_{104}^{5}\ \Phi_{78}^{5}\ \Phi_{52}^{5}\ \Phi_{39}^{5}\ \Phi_{26}^{5}\ \Phi_{24}^{3}\ \Phi_{13}^{5}\ \Phi_{12}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
107719	1535	2856	$\frac{1}{51}$	$\frac{50}{357}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{357}\ \Phi_{168}\ \Phi_{119}\ \Phi_{56}\ \Phi_{21}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
107720	1535	2520	$\frac{8}{315}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{63}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
107721	1535	680	$\frac{1}{34}$	$\frac{33}{340}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{680}^{4}\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}^{2}\ \Phi_{85}\ \Phi_{68}\ \Phi_{40}^{4}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
107722	1535	2584	$\frac{16}{323}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2584}\ \Phi_{323}\ \Phi_{152}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
107723	1535	648	$\frac{17}{324}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{648}^{4}\ \Phi_{324}\ \Phi_{216}^{4}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}^{2}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}^{2}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
107724	1535	468	$\frac{1}{26}$	$\frac{5}{78}$	$\frac{73}{234}$	$\frac{161}{468}$	$\Phi_{468}^{5}\ \Phi_{156}^{5}\ \Phi_{78}^{5}\ \Phi_{52}^{5}\ \Phi_{39}^{5}\ \Phi_{36}^{5}\ \Phi_{26}^{4}\ \Phi_{13}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
107725	1535	354	$\frac{1}{59}$	$\frac{47}{354}$	$\frac{58}{177}$	$\frac{119}{354}$	$\Phi_{354}^{4}\ \Phi_{177}^{5}\ \Phi_{118}^{4}\ \Phi_{59}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
107726	1535	462	$\frac{1}{77}$	$\frac{1}{6}$	$\frac{76}{231}$	$\frac{155}{462}$	$\Phi_{462}^{3}\ \Phi_{231}^{4}\ \Phi_{154}^{3}\ \Phi_{77}^{3}\ \Phi_{66}^{3}\ \Phi_{42}^{3}\ \Phi_{33}^{4}\ \Phi_{22}^{3}\ \Phi_{21}^{4}\ \Phi_{14}^{3}\ \Phi_{11}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
107727	1535	2124	$\frac{1}{59}$	$\frac{119}{708}$	$\frac{589}{2124}$	$\frac{58}{177}$	$\Phi_{2124}\ \Phi_{1062}\ \Phi_{531}\ \Phi_{177}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
107728	1535	456	$\frac{3}{152}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{149}{456}$	$\Phi_{456}^{3}\ \Phi_{228}^{3}\ \Phi_{152}^{4}\ \Phi_{114}^{3}\ \Phi_{76}^{4}\ \Phi_{57}^{3}\ \Phi_{38}^{4}\ \Phi_{24}^{3}\ \Phi_{19}^{4}\ \Phi_{12}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
107729	1535	396	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{89}{396}$	$\frac{43}{132}$	$\Phi_{396}^{5}\ \Phi_{198}^{5}\ \Phi_{132}^{2}\ \Phi_{99}^{5}\ \Phi_{66}^{2}\ \Phi_{44}\ \Phi_{36}^{5}\ \Phi_{33}^{2}\ \Phi_{22}\ \Phi_{18}^{5}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{9}^{5}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
107730	1535	1989	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{454}{1989}$	$\frac{209}{663}$	$\Phi_{1989}\ \Phi_{221}\ \Phi_{153}\ \Phi_{117}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
107731	1535	336	$\frac{1}{14}$	$\frac{29}{336}$	$\frac{1}{6}$	$\frac{13}{42}$	$\Phi_{336}^{5}\ \Phi_{168}^{5}\ \Phi_{112}^{5}\ \Phi_{84}^{5}\ \Phi_{56}^{5}\ \Phi_{48}^{5}\ \Phi_{42}^{2}\ \Phi_{28}^{5}\ \Phi_{24}^{5}\ \Phi_{21}^{2}\ \Phi_{16}^{5}\ \Phi_{14}\ \Phi_{12}^{5}\ \Phi_{8}^{5}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}^{5}\ \Phi_{3}\ \Phi_{1}$
107732	1535	330	$\frac{23}{330}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{330}^{5}\ \Phi_{165}^{5}\ \Phi_{110}^{5}\ \Phi_{66}^{3}\ \Phi_{55}^{5}\ \Phi_{33}^{4}\ \Phi_{30}^{5}\ \Phi_{22}^{3}\ \Phi_{15}^{5}\ \Phi_{11}^{3}\ \Phi_{10}^{5}\ \Phi_{6}^{2}\ \Phi_{5}^{5}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
107733	1535	2184	$\frac{1}{26}$	$\frac{79}{728}$	$\frac{25}{104}$	$\frac{649}{2184}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{168}\ \Phi_{156}\ \Phi_{104}\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}\ \Phi_{42}\ \Phi_{39}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
107734	1535	2184	$\frac{1}{13}$	$\frac{79}{728}$	$\frac{12}{91}$	$\frac{649}{2184}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{168}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
107735	1535	1872	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{337}{1872}$	$\frac{131}{468}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
107736	1535	420	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{27}{140}$	$\frac{113}{420}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{4}\ \Phi_{105}^{3}\ \Phi_{84}^{5}\ \Phi_{70}^{4}\ \Phi_{60}^{3}\ \Phi_{42}^{5}\ \Phi_{35}^{4}\ \Phi_{30}^{3}\ \Phi_{28}^{5}\ \Phi_{21}^{5}\ \Phi_{20}^{4}\ \Phi_{15}^{3}\ \Phi_{14}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{4}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
107737	1535	1140	$\frac{3}{76}$	$\frac{1}{6}$	$\frac{73}{380}$	$\frac{1}{4}$	$\Phi_{1140}^{2}\ \Phi_{570}^{2}\ \Phi_{380}\ \Phi_{285}^{2}\ \Phi_{190}\ \Phi_{95}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
107738	1535	960	$\frac{13}{320}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{960}^{2}\ \Phi_{480}^{2}\ \Phi_{320}\ \Phi_{240}^{2}\ \Phi_{192}^{2}\ \Phi_{160}\ \Phi_{120}^{2}\ \Phi_{96}^{2}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}^{2}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}^{2}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
107739	1535	396	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{6}$	$\frac{89}{396}$	$\Phi_{396}^{5}\ \Phi_{198}^{2}\ \Phi_{132}^{5}\ \Phi_{99}^{3}\ \Phi_{66}^{3}\ \Phi_{44}^{5}\ \Phi_{36}^{5}\ \Phi_{33}^{4}\ \Phi_{22}^{3}\ \Phi_{18}^{2}\ \Phi_{12}^{5}\ \Phi_{11}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{5}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
107740	1535	364	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{57}{364}$	$\frac{79}{364}$	$\Phi_{364}^{4}\ \Phi_{182}^{4}\ \Phi_{91}^{5}\ \Phi_{52}^{4}\ \Phi_{28}^{4}\ \Phi_{26}^{4}\ \Phi_{14}^{4}\ \Phi_{13}^{4}\ \Phi_{7}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
107741	1535	1176	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{6}$	$\frac{85}{392}$	$\Phi_{1176}^{2}\ \Phi_{588}^{2}\ \Phi_{392}\ \Phi_{196}\ \Phi_{168}^{2}\ \Phi_{84}^{2}\ \Phi_{56}\ \Phi_{42}^{2}\ \Phi_{28}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
107742	1536	1149	$\frac{1}{383}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{191}{383}$	$\Phi_{1149}\ \Phi_{383}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
107743	1536	307	$\frac{1}{307}$	$\frac{77}{307}$	$\frac{115}{307}$	$\frac{153}{307}$	$\Phi_{307}^{5}\ \Phi_{1}^{6}$
107744	1536	2307	$\frac{3}{769}$	$\frac{193}{769}$	$\frac{1}{3}$	$\frac{383}{769}$	Φ_{2307}
107745	1536	255	$\frac{1}{255}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{127}{255}$	$\Phi_{255}^{6}\ \Phi_{85}^{6}\ \Phi_{51}^{6}\ \Phi_{17}^{6}\ \Phi_{15}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
107746	1536	1020	$\frac{1}{255}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{127}{255}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{340}^{2}\ \Phi_{204}^{2}\ \Phi_{170}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{60}^{2}\ \Phi_{34}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
107747	1536	1535	$\frac{7}{1535}$	$\frac{257}{1535}$	$\frac{639}{1535}$	$\frac{764}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107748	1536	1337	$\frac{1}{191}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{95}{191}$	$\Phi_{1337}\ \Phi_{191}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
107749	1536	2865	$\frac{1}{191}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{95}{191}$	$\Phi_{2865}\ \Phi_{15}^{2}$
107750	1536	684	$\frac{1}{171}$	$\frac{1}{4}$	$\frac{43}{171}$	$\frac{85}{171}$	$\Phi_{684}^{3}\ \Phi_{342}^{3}\ \Phi_{228}^{3}\ \Phi_{114}^{3}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
107751	1536	1535	$\frac{9}{1535}$	$\frac{193}{1535}$	$\frac{671}{1535}$	$\frac{763}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107752	1536	1535	$\frac{9}{1535}$	$\frac{383}{1535}$	$\frac{386}{1535}$	$\frac{763}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107753	1536	2307	$\frac{5}{769}$	$\frac{129}{769}$	$\frac{1}{3}$	$\frac{382}{769}$	Φ_{2307}
107754	1536	385	$\frac{3}{385}$	$\frac{1}{5}$	$\frac{97}{385}$	$\frac{191}{385}$	$\Phi_{385}^{4}\ \Phi_{77}^{4}\ \Phi_{55}^{4}\ \Phi_{35}^{4}\ \Phi_{11}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
107755	1536	1397	$\frac{1}{127}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{63}{127}$	$\Phi_{1397}\ \Phi_{127}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
107756	1536	2667	$\frac{1}{127}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{63}{127}$	$\Phi_{2667}\ \Phi_{21}^{2}$
107757	1536	1397	$\frac{1}{127}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{63}{127}$	$\Phi_{1397}\ \Phi_{127}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
107758	1536	2540	$\frac{1}{127}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{63}{127}$	$\Phi_{2540}\ \Phi_{1270}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
107759	1536	1535	$\frac{13}{1535}$	$\frac{129}{1535}$	$\frac{703}{1535}$	$\frac{761}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107760	1536	1535	$\frac{13}{1535}$	$\frac{287}{1535}$	$\frac{387}{1535}$	$\frac{761}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107761	1536	2307	$\frac{7}{769}$	$\frac{97}{769}$	$\frac{1}{3}$	$\frac{381}{769}$	Φ_{2307}
107762	1536	285	$\frac{1}{95}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{47}{95}$	$\Phi_{285}^{5}\ \Phi_{95}^{6}\ \Phi_{57}^{5}\ \Phi_{19}^{6}\ \Phi_{15}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
107763	1536	855	$\frac{1}{95}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{47}{95}$	$\Phi_{855}^{2}\ \Phi_{285}\ \Phi_{171}^{2}\ \Phi_{95}^{2}\ \Phi_{57}\ \Phi_{45}^{2}\ \Phi_{19}^{2}\ \Phi_{15}\ \Phi_{9}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
107764	1536	95	$\frac{1}{95}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{47}{95}$	$\Phi_{95}^{16}\ \Phi_{19}^{16}\ \Phi_{5}^{19}\ \Phi_{1}^{20}$
107765	1536	1535	$\frac{17}{1535}$	$\frac{97}{1535}$	$\frac{719}{1535}$	$\frac{759}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107766	1536	1535	$\frac{17}{1535}$	$\frac{194}{1535}$	$\frac{447}{1535}$	$\frac{759}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107767	1536	1799	$\frac{3}{257}$	$\frac{1}{7}$	$\frac{65}{257}$	$\frac{127}{257}$	Φ_{1799}
107768	1536	1535	$\frac{19}{1535}$	$\frac{259}{1535}$	$\frac{319}{1535}$	$\frac{758}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107769	1536	385	$\frac{1}{77}$	$\frac{13}{77}$	$\frac{1}{5}$	$\frac{38}{77}$	$\Phi_{385}^{5}\ \Phi_{55}^{5}\ \Phi_{35}^{5}\ \Phi_{5}^{4}$
107770	1536	2052	$\frac{7}{513}$	$\frac{65}{513}$	$\frac{1}{4}$	$\frac{253}{513}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{114}\ \Phi_{108}\ \Phi_{76}\ \Phi_{54}\ \Phi_{38}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
107771	1536	1535	$\frac{21}{1535}$	$\frac{191}{1535}$	$\frac{389}{1535}$	$\frac{757}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107772	1536	2307	$\frac{11}{769}$	$\frac{65}{769}$	$\frac{1}{3}$	$\frac{379}{769}$	Φ_{2307}
107773	1536	1737	$\frac{3}{193}$	$\frac{1}{9}$	$\frac{49}{193}$	$\frac{95}{193}$	$\Phi_{1737}\ \Phi_{579}$
107774	1536	1449	$\frac{1}{63}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{31}{63}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{161}\ \Phi_{69}\ \Phi_{63}^{2}\ \Phi_{23}^{2}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
107775	1536	819	$\frac{1}{63}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{31}{63}$	$\Phi_{819}^{2}\ \Phi_{273}^{2}\ \Phi_{117}^{2}\ \Phi_{91}^{2}\ \Phi_{39}^{3}\ \Phi_{13}^{2}$
107776	1536	1449	$\frac{1}{63}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{31}{63}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{161}\ \Phi_{69}\ \Phi_{63}^{2}\ \Phi_{23}^{2}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
107777	1536	252	$\frac{1}{63}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{31}{63}$	$\Phi_{252}^{8}\ \Phi_{126}^{8}\ \Phi_{84}^{8}\ \Phi_{42}^{8}\ \Phi_{36}^{9}\ \Phi_{28}^{8}\ \Phi_{18}^{9}\ \Phi_{14}^{8}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}$
107778	1536	1449	$\frac{1}{63}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{31}{63}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{161}\ \Phi_{69}\ \Phi_{63}^{2}\ \Phi_{23}^{2}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
107779	1536	315	$\frac{1}{63}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{31}{63}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{45}^{6}\ \Phi_{35}^{7}\ \Phi_{15}^{6}\ \Phi_{5}^{6}$
107780	1536	307	$\frac{5}{307}$	$\frac{13}{307}$	$\frac{147}{307}$	$\frac{151}{307}$	$\Phi_{307}^{5}\ \Phi_{1}^{6}$
107781	1536	307	$\frac{5}{307}$	$\frac{39}{307}$	$\frac{67}{307}$	$\frac{151}{307}$	$\Phi_{307}^{5}\ \Phi_{1}^{6}$
107782	1536	307	$\frac{5}{307}$	$\frac{51}{307}$	$\frac{52}{307}$	$\frac{151}{307}$	$\Phi_{307}^{5}\ \Phi_{1}^{6}$
107783	1536	1140	$\frac{1}{57}$	$\frac{29}{285}$	$\frac{1}{4}$	$\frac{28}{57}$	$\Phi_{1140}^{2}\ \Phi_{570}^{2}\ \Phi_{380}^{2}\ \Phi_{228}\ \Phi_{190}^{2}\ \Phi_{114}\ \Phi_{76}\ \Phi_{60}^{2}\ \Phi_{38}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{6}$
107784	1536	55	$\frac{1}{55}$	$\frac{7}{55}$	$\frac{1}{5}$	$\frac{27}{55}$	$\Phi_{55}^{28}\ \Phi_{11}^{28}\ \Phi_{5}^{27}\ \Phi_{1}^{28}$
107785	1536	1535	$\frac{29}{1535}$	$\frac{143}{1535}$	$\frac{391}{1535}$	$\frac{753}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
107786	1536	2307	$\frac{15}{769}$	$\frac{49}{769}$	$\frac{1}{3}$	$\frac{377}{769}$	Φ_{2307}
107787	1536	1505	$\frac{31}{1505}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{737}{1505}$	$\Phi_{1505}\ \Phi_{301}\ \Phi_{215}\ \Phi_{43}\ \Phi_{35}^2\ \Phi_{7}^2\ \Phi_{5}\ \Phi_{1}^2$
107788	1536	1457	$\frac{1}{47}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{23}{47}$	$\Phi_{1457}\ \Phi_{47}^2\ \Phi_{31}^2\ \Phi_{1}^4$
107789	1536	2397	$\frac{1}{47}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{2397}\ \Phi_{51}^2$
107790	1536	1457	$\frac{1}{47}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{23}{47}$	$\Phi_{1457}\ \Phi_{47}^2\ \Phi_{31}^2\ \Phi_{1}^4$
107791	1536	2115	$\frac{1}{47}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{23}{47}$	$\Phi_{2115}\ \Phi_{705}\ \Phi_{45}^2\ \Phi_{15}^2$
107792	1536	1535	$\frac{33}{1535}$	$\frac{49}{1535}$	$\frac{743}{1535}$	$\frac{751}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^2$
107793	1536	1535	$\frac{33}{1535}$	$\frac{98}{1535}$	$\frac{479}{1535}$	$\frac{751}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^2$
107794	1536	559	$\frac{1}{43}$	$\frac{1}{13}$	$\frac{11}{43}$	$\frac{21}{43}$	$\Phi_{559}^3\ \Phi_{13}^2$
107795	1536	1535	$\frac{37}{1535}$	$\frac{131}{1535}$	$\frac{351}{1535}$	$\frac{749}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^2$
107796	1536	1737	$\frac{5}{193}$	$\frac{1}{9}$	$\frac{33}{193}$	$\frac{94}{193}$	$\Phi_{1737}\ \Phi_{579}$
107797	1536	1535	$\frac{41}{1535}$	$\frac{197}{1535}$	$\frac{223}{1535}$	$\frac{747}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^2$
107798	1536	935	$\frac{5}{187}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{91}{187}$	$\Phi_{935}^2\ \Phi_{85}^2\ \Phi_{55}^3\ \Phi_{5}^2$
107799	1536	1799	$\frac{7}{257}$	$\frac{33}{257}$	$\frac{1}{7}$	$\frac{125}{257}$	Φ_{1799}
107800	1536	1535	$\frac{43}{1535}$	$\frac{159}{1535}$	$\frac{263}{1535}$	$\frac{746}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^2$
107801	1536	35	$\frac{1}{35}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{17}{35}$	$\Phi_{35}^{44}\ \Phi_{7}^{44}\ \Phi_{5}^{43}\ \Phi_{1}^{44}$
107802	1536	684	$\frac{5}{171}$	$\frac{11}{171}$	$\frac{1}{4}$	$\frac{83}{171}$	$\Phi_{684}^3\ \Phi_{342}^3\ \Phi_{228}^3\ \Phi_{114}^3\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
107803	1536	307	$\frac{9}{307}$	$\frac{19}{307}$	$\frac{79}{307}$	$\frac{149}{307}$	$\Phi_{307}^5\ \Phi_{1}^6$
107804	1536	2307	$\frac{23}{769}$	$\frac{33}{769}$	$\frac{1}{3}$	$\frac{373}{769}$	Φ_{2307}
107805	1536	1649	$\frac{3}{97}$	$\frac{1}{17}$	$\frac{25}{97}$	$\frac{47}{97}$	Φ_{1649}
107806	1536	1535	$\frac{49}{1535}$	$\frac{99}{1535}$	$\frac{359}{1535}$	$\frac{743}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^2$
107807	1536	2325	$\frac{1}{31}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{2325}\ \Phi_{465}\ \Phi_{75}^2\ \Phi_{15}^2$
107808	1536	1457	$\frac{1}{31}$	$\frac{2}{47}$	$\frac{15}{47}$	$\frac{15}{31}$	$\Phi_{1457}\ \Phi_{47}^2\ \Phi_{31}^2\ \Phi_{1}^4$
107809	1536	2108	$\frac{1}{31}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{2108}\ \Phi_{1054}\ \Phi_{68}^2\ \Phi_{34}^2$
107810	1536	1457	$\frac{1}{31}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{15}{31}$	$\Phi_{1457}\ \Phi_{47}^2\ \Phi_{31}^2\ \Phi_{1}^4$
107811	1536	2015	$\frac{1}{31}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{15}{31}$	$\Phi_{2015}\ \Phi_{65}^2$
107812	1536	1457	$\frac{1}{31}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{15}{31}$	$\Phi_{1457}\ \Phi_{47}^2\ \Phi_{31}^2\ \Phi_{1}^4$
107813	1536	1953	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{15}{31}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{63}^2\ \Phi_{21}^2$
107814	1536	495	$\frac{17}{495}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{239}{495}$	$\Phi_{495}^3\ \Phi_{165}^3\ \Phi_{99}^3\ \Phi_{55}^4\ \Phi_{45}^3\ \Phi_{33}^3\ \Phi_{15}^3\ \Phi_{11}^4\ \Phi_{9}^3\ \Phi_{5}^3\ \Phi_{3}^3\ \Phi_{1}^4$
107815	1536	1737	$\frac{7}{193}$	$\frac{1}{9}$	$\frac{25}{193}$	$\frac{93}{193}$	$\Phi_{1737}\ \Phi_{579}$
107816	1536	988	$\frac{9}{247}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{119}{247}$	$\Phi_{988}^2\ \Phi_{494}^2\ \Phi_{76}^3\ \Phi_{52}^2\ \Phi_{38}^3\ \Phi_{26}^2\ \Phi_{4}^2\ \Phi_{2}^2$
107817	1536	540	$\frac{1}{27}$	$\frac{7}{135}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{108}^3\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
107818	1536	1535	$\frac{57}{1535}$	$\frac{167}{1535}$	$\frac{199}{1535}$	$\frac{739}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^2$
107819	1536	385	$\frac{3}{77}$	$\frac{5}{77}$	$\frac{1}{5}$	$\frac{37}{77}$	$\Phi_{385}^5\ \Phi_{55}^5\ \Phi_{35}^5\ \Phi_{5}^4$
107820	1536	1535	$\frac{61}{1535}$	$\frac{71}{1535}$	$\frac{399}{1535}$	$\frac{737}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^2$
107821	1536	2307	$\frac{25}{769}$	$\frac{31}{769}$	$\frac{1}{3}$	$\frac{369}{769}$	Φ_{2307}
107822	1536	307	$\frac{10}{307}$	$\frac{13}{307}$	$\frac{99}{307}$	$\frac{147}{307}$	$\Phi_{307}^5\ \Phi_{1}^6$
107823	1536	759	$\frac{1}{33}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{759}^2\ \Phi_{253}^2\ \Phi_{69}\ \Phi_{33}^4\ \Phi_{23}^2\ \Phi_{11}^4\ \Phi_{3}^2\ \Phi_{1}^4$
107824	1536	483	$\frac{1}{23}$	$\frac{1}{21}$	$\frac{5}{21}$	$\frac{11}{23}$	$\Phi_{483}^3\ \Phi_{161}^3\ \Phi_{69}^3\ \Phi_{23}^4\ \Phi_{21}^6\ \Phi_{7}^6\ \Phi_{3}^6\ \Phi_{1}^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
107825	1536	1955	$\frac{1}{23}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{1955}\ \Phi_{85}^{2}$
107826	1536	805	$\frac{1}{23}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{11}{23}$	$\Phi_{805}^{2}\ \Phi_{161}\ \Phi_{115}^{2}\ \Phi_{35}^{4}\ \Phi_{23}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
107827	1536	207	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{11}{23}$	$\Phi_{207}^{7}\ \Phi_{69}^{7}\ \Phi_{23}^{8}\ \Phi_{9}^{14}\ \Phi_{3}^{14}\ \Phi_{1}^{16}$
107828	1536	245	$\frac{11}{245}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{117}{245}$	$\Phi_{245}^{6}\ \Phi_{49}^{6}\ \Phi_{35}^{8}\ \Phi_{7}^{8}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
107829	1536	325	$\frac{1}{25}$	$\frac{3}{65}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{325}^{5}\ \Phi_{65}^{4}\ \Phi_{25}^{4}\ \Phi_{13}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
107830	1536	1535	$\frac{67}{1535}$	$\frac{73}{1535}$	$\frac{367}{1535}$	$\frac{731}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107831	1536	1649	$\frac{5}{97}$	$\frac{1}{17}$	$\frac{17}{97}$	$\frac{46}{97}$	Φ_{1649}
107832	1536	532	$\frac{5}{133}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{532}^{4}\ \Phi_{266}^{4}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{28}^{4}\ \Phi_{14}^{4}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
107833	1536	1535	$\frac{81}{1535}$	$\frac{101}{1535}$	$\frac{239}{1535}$	$\frac{727}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107834	1536	972	$\frac{1}{27}$	$\frac{13}{243}$	$\frac{1}{4}$	$\frac{115}{243}$	$\Phi_{972}^{2}\ \Phi_{486}^{2}\ \Phi_{324}^{2}\ \Phi_{162}^{2}\ \Phi_{108}^{3}\ \Phi_{54}^{3}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
107835	1536	1677	$\frac{7}{129}$	$\frac{1}{13}$	$\frac{17}{129}$	$\frac{61}{129}$	$\Phi_{1677}\ \Phi_{559}\ \Phi_{39}$
107836	1536	307	$\frac{17}{307}$	$\frac{27}{307}$	$\frac{35}{307}$	$\frac{145}{307}$	$\Phi_{307}^{5}\ \Phi_{1}^{6}$
107837	1536	1737	$\frac{11}{193}$	$\frac{17}{193}$	$\frac{1}{9}$	$\frac{91}{193}$	$\Phi_{1737}\ \Phi_{579}$
107838	1536	1535	$\frac{89}{1535}$	$\frac{111}{1535}$	$\frac{203}{1535}$	$\frac{723}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107839	1536	1799	$\frac{15}{257}$	$\frac{17}{257}$	$\frac{1}{7}$	$\frac{121}{257}$	Φ_{1799}
107840	1536	1535	$\frac{79}{1535}$	$\frac{91}{1535}$	$\frac{271}{1535}$	$\frac{722}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107841	1536	385	$\frac{17}{385}$	$\frac{23}{385}$	$\frac{1}{5}$	$\frac{181}{385}$	$\Phi_{385}^{4}\ \Phi_{77}^{4}\ \Phi_{55}^{4}\ \Phi_{35}^{4}\ \Phi_{11}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
107842	1536	2052	$\frac{17}{513}$	$\frac{31}{513}$	$\frac{1}{4}$	$\frac{241}{513}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{114}\ \Phi_{108}\ \Phi_{76}\ \Phi_{54}\ \Phi_{38}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
107843	1536	1535	$\frac{47}{1535}$	$\frac{93}{1535}$	$\frac{407}{1535}$	$\frac{721}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107844	1536	2307	$\frac{17}{769}$	$\frac{47}{769}$	$\frac{1}{3}$	$\frac{361}{769}$	Φ_{2307}
107845	1536	1617	$\frac{1}{33}$	$\frac{3}{49}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{231}\ \Phi_{147}\ \Phi_{77}\ \Phi_{21}$
107846	1536	1535	$\frac{51}{1535}$	$\frac{97}{1535}$	$\frac{371}{1535}$	$\frac{719}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107847	1536	735	$\frac{1}{49}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{735}^{2}\ \Phi_{245}^{2}\ \Phi_{147}^{3}\ \Phi_{105}^{2}\ \Phi_{49}^{2}\ \Phi_{35}^{2}\ \Phi_{21}^{3}\ \Phi_{7}^{2}$
107848	1536	285	$\frac{2}{95}$	$\frac{1}{15}$	$\frac{31}{95}$	$\frac{7}{15}$	$\Phi_{285}^{5}\ \Phi_{95}^{6}\ \Phi_{57}^{5}\ \Phi_{19}^{6}\ \Phi_{15}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
107849	1536	660	$\frac{1}{33}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{220}^{3}\ \Phi_{132}^{4}\ \Phi_{110}^{3}\ \Phi_{66}^{4}\ \Phi_{60}^{2}\ \Phi_{44}^{4}\ \Phi_{30}^{2}\ \Phi_{22}^{4}\ \Phi_{20}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
107850	1536	285	$\frac{3}{95}$	$\frac{1}{15}$	$\frac{23}{95}$	$\frac{7}{15}$	$\Phi_{285}^{5}\ \Phi_{95}^{6}\ \Phi_{57}^{5}\ \Phi_{19}^{6}\ \Phi_{15}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
107851	1536	75	$\frac{1}{25}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{75}^{20}\ \Phi_{25}^{24}\ \Phi_{15}^{16}\ \Phi_{5}^{19}\ \Phi_{3}^{16}\ \Phi_{1}^{20}$
107852	1536	285	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{3}{19}$	$\frac{7}{15}$	$\Phi_{285}^{5}\ \Phi_{95}^{5}\ \Phi_{57}^{5}\ \Phi_{19}^{10}\ \Phi_{15}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
107853	1536	1785	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{119}^{2}$
107854	1536	285	$\frac{1}{15}$	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{7}{15}$	$\Phi_{285}^{5}\ \Phi_{95}^{6}\ \Phi_{57}^{5}\ \Phi_{19}^{6}\ \Phi_{15}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
107855	1536	585	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{7}{15}$	$\Phi_{585}^{3}\ \Phi_{195}^{2}\ \Phi_{117}^{4}\ \Phi_{65}^{2}\ \Phi_{39}^{3}\ \Phi_{13}^{2}$
107856	1536	1649	$\frac{1}{17}$	$\frac{7}{97}$	$\frac{13}{97}$	$\frac{45}{97}$	Φ_{1649}
107857	1536	1535	$\frac{103}{1535}$	$\frac{113}{1535}$	$\frac{179}{1535}$	$\frac{711}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107858	1536	715	$\frac{2}{55}$	$\frac{53}{715}$	$\frac{1}{5}$	$\frac{331}{715}$	$\Phi_{715}^{2}\ \Phi_{143}^{2}\ \Phi_{65}^{2}\ \Phi_{55}^{4}\ \Phi_{13}^{2}\ \Phi_{11}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
107859	1536	975	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{975}^{2}\ \Phi_{325}\ \Phi_{195}^{2}\ \Phi_{75}^{2}\ \Phi_{65}\ \Phi_{15}^{2}$
107860	1536	1737	$\frac{13}{193}$	$\frac{15}{193}$	$\frac{1}{9}$	$\frac{89}{193}$	$\Phi_{1737}\ \Phi_{579}$
107861	1536	1535	$\frac{83}{1535}$	$\frac{121}{1535}$	$\frac{207}{1535}$	$\frac{707}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107862	1536	385	$\frac{13}{385}$	$\frac{31}{385}$	$\frac{1}{5}$	$\frac{177}{385}$	$\Phi_{385}^{4}\ \Phi_{77}^{4}\ \Phi_{55}^{4}\ \Phi_{35}^{4}\ \Phi_{11}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
107863	1536	307	$\frac{7}{307}$	$\frac{25}{307}$	$\frac{83}{307}$	$\frac{141}{307}$	$\Phi_{307}^{5}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
107864	1536	2307	$\frac{13}{769}$	$\frac{63}{769}$	$\frac{1}{3}$	$\frac{353}{769}$	Φ_{2307}
107865	1536	1535	$\frac{26}{1535}$	$\frac{129}{1535}$	$\frac{503}{1535}$	$\frac{703}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107866	1536	2145	$\frac{1}{65}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{195}^{2}\ \Phi_{165}\ \Phi_{39}^{2}\ \Phi_{15}^{2}$
107867	1536	539	$\frac{1}{49}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{539}^{3}\ \Phi_{77}^{3}\ \Phi_{49}^{2}\ \Phi_{7}^{2}$
107868	1536	1397	$\frac{3}{127}$	$\frac{1}{11}$	$\frac{31}{127}$	$\frac{5}{11}$	$\Phi_{1397}\ \Phi_{127}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
107869	1536	165	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{165}^{12}\ \Phi_{55}^{11}\ \Phi_{15}^{12}\ \Phi_{5}^{10}$
107870	1536	1397	$\frac{7}{127}$	$\frac{1}{11}$	$\frac{15}{127}$	$\frac{5}{11}$	$\Phi_{1397}\ \Phi_{127}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
107871	1536	1683	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{11}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{153}^{2}\ \Phi_{51}^{2}$
107872	1536	307	$\frac{7}{307}$	$\frac{29}{307}$	$\frac{75}{307}$	$\frac{139}{307}$	$\Phi_{307}^{5}\ \Phi_{1}^{6}$
107873	1536	175	$\frac{1}{35}$	$\frac{17}{175}$	$\frac{1}{5}$	$\frac{79}{175}$	$\Phi_{175}^{8}\ \Phi_{35}^{12}\ \Phi_{25}^{8}\ \Phi_{7}^{12}\ \Phi_{5}^{11}\ \Phi_{1}^{12}$
107874	1536	1617	$\frac{1}{33}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{231}\ \Phi_{147}\ \Phi_{77}\ \Phi_{21}$
107875	1536	1535	$\frac{53}{1535}$	$\frac{161}{1535}$	$\frac{247}{1535}$	$\frac{687}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107876	1536	325	$\frac{1}{25}$	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{29}{65}$	$\Phi_{325}^{5}\ \Phi_{65}^{4}\ \Phi_{25}^{4}\ \Phi_{13}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
107877	1536	1535	$\frac{71}{1535}$	$\frac{169}{1535}$	$\frac{183}{1535}$	$\frac{683}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107878	1536	1044	$\frac{5}{261}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1044}^{2}\ \Phi_{522}^{2}\ \Phi_{348}^{2}\ \Phi_{174}^{2}\ \Phi_{116}^{2}\ \Phi_{58}^{2}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
107879	1536	1649	$\frac{1}{17}$	$\frac{9}{97}$	$\frac{11}{97}$	$\frac{43}{97}$	Φ_{1649}
107880	1536	1535	$\frac{107}{1535}$	$\frac{119}{1535}$	$\frac{177}{1535}$	$\frac{679}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107881	1536	559	$\frac{3}{43}$	$\frac{1}{13}$	$\frac{5}{43}$	$\frac{19}{43}$	$\Phi_{559}^{3}\ \Phi_{13}^{2}$
107882	1536	1535	$\frac{87}{1535}$	$\frac{143}{1535}$	$\frac{181}{1535}$	$\frac{677}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107883	1536	1737	$\frac{9}{193}$	$\frac{1}{9}$	$\frac{23}{193}$	$\frac{85}{193}$	$\Phi_{1737}\ \Phi_{579}$
107884	1536	325	$\frac{1}{65}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{325}^{5}\ \Phi_{65}^{4}\ \Phi_{25}^{4}\ \Phi_{13}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
107885	1536	307	$\frac{11}{307}$	$\frac{37}{307}$	$\frac{43}{307}$	$\frac{135}{307}$	$\Phi_{307}^{5}\ \Phi_{1}^{6}$
107886	1536	1799	$\frac{9}{257}$	$\frac{31}{257}$	$\frac{1}{7}$	$\frac{113}{257}$	Φ_{1799}
107887	1536	1535	$\frac{39}{1535}$	$\frac{187}{1535}$	$\frac{287}{1535}$	$\frac{674}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107888	1536	385	$\frac{9}{385}$	$\frac{47}{385}$	$\frac{1}{5}$	$\frac{169}{385}$	$\Phi_{385}^{4}\ \Phi_{77}^{4}\ \Phi_{55}^{4}\ \Phi_{35}^{4}\ \Phi_{11}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
107889	1536	228	$\frac{1}{57}$	$\frac{7}{57}$	$\frac{1}{4}$	$\frac{25}{57}$	$\Phi_{228}^{9}\ \Phi_{114}^{9}\ \Phi_{76}^{9}\ \Phi_{38}^{9}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}$
107890	1536	1535	$\frac{23}{1535}$	$\frac{189}{1535}$	$\frac{431}{1535}$	$\frac{673}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107891	1536	2307	$\frac{9}{769}$	$\frac{95}{769}$	$\frac{1}{3}$	$\frac{337}{769}$	Φ_{2307}
107892	1536	1535	$\frac{27}{1535}$	$\frac{193}{1535}$	$\frac{377}{1535}$	$\frac{671}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107893	1536	2037	$\frac{1}{97}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{2037}\ \Phi_{291}^{2}$
107894	1536	1337	$\frac{2}{191}$	$\frac{1}{7}$	$\frac{63}{191}$	$\frac{3}{7}$	$\Phi_{1337}\ \Phi_{191}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
107895	1536	1820	$\frac{1}{65}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{364}\ \Phi_{260}^{2}\ \Phi_{182}\ \Phi_{140}\ \Phi_{130}^{2}\ \Phi_{70}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
107896	1536	1337	$\frac{3}{191}$	$\frac{1}{7}$	$\frac{47}{191}$	$\frac{3}{7}$	$\Phi_{1337}\ \Phi_{191}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
107897	1536	245	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{245}^{8}\ \Phi_{35}^{7}\ \Phi_{5}^{6}$
107898	1536	1337	$\frac{5}{191}$	$\frac{1}{7}$	$\frac{31}{191}$	$\frac{3}{7}$	$\Phi_{1337}\ \Phi_{191}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
107899	1536	231	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{231}^{7}\ \Phi_{77}^{7}\ \Phi_{33}^{6}\ \Phi_{21}^{7}\ \Phi_{11}^{6}\ \Phi_{3}^{6}$
107900	1536	1337	$\frac{7}{191}$	$\frac{23}{191}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1337}\ \Phi_{191}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
107901	1536	1575	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}^{2}\ \Phi_{105}\ \Phi_{75}^{2}\ \Phi_{45}^{2}\ \Phi_{15}^{2}$
107902	1536	1337	$\frac{11}{191}$	$\frac{15}{191}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1337}\ \Phi_{191}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
107903	1536	1547	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1547}\ \Phi_{221}^{2}$
107904	1536	307	$\frac{11}{307}$	$\frac{37}{307}$	$\frac{45}{307}$	$\frac{131}{307}$	$\Phi_{307}^{5}\ \Phi_{1}^{6}$
107905	1536	1649	$\frac{1}{17}$	$\frac{7}{97}$	$\frac{15}{97}$	$\frac{41}{97}$	Φ_{1649}
107906	1536	1535	$\frac{89}{1535}$	$\frac{111}{1535}$	$\frac{241}{1535}$	$\frac{647}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107907	1536	1737	$\frac{7}{193}$	$\frac{1}{9}$	$\frac{31}{193}$	$\frac{81}{193}$	$\Phi_{1737}\ \Phi_{579}$
107908	1536	1535	$\frac{41}{1535}$	$\frac{223}{1535}$	$\frac{249}{1535}$	$\frac{643}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107909	1536	55	$\frac{1}{55}$	$\frac{9}{55}$	$\frac{1}{5}$	$\frac{23}{55}$	$\Phi_{55}^{28}\ \Phi_{11}^{28}\ \Phi_{5}^{27}\ \Phi_{1}^{28}$
107910	1536	1535	$\frac{17}{1535}$	$\frac{253}{1535}$	$\frac{447}{1535}$	$\frac{641}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107911	1536	2307	$\frac{7}{769}$	$\frac{127}{769}$	$\frac{1}{3}$	$\frac{321}{769}$	Φ_{2307}
107912	1536	1535	$\frac{14}{1535}$	$\frac{257}{1535}$	$\frac{507}{1535}$	$\frac{639}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107913	1536	1649	$\frac{1}{97}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	Φ_{1649}
107914	1536	1535	$\frac{19}{1535}$	$\frac{289}{1535}$	$\frac{379}{1535}$	$\frac{623}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107915	1536	645	$\frac{1}{129}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{645}^{2}\ \Phi_{215}^{2}\ \Phi_{129}^{4}\ \Phi_{43}^{4}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
107916	1536	85	$\frac{1}{85}$	$\frac{1}{5}$	$\frac{21}{85}$	$\frac{2}{5}$	$\Phi_{85}^{18}\ \Phi_{17}^{18}\ \Phi_{5}^{19}\ \Phi_{1}^{20}$
107917	1536	65	$\frac{1}{65}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{65}^{24}\ \Phi_{13}^{24}\ \Phi_{5}^{19}\ \Phi_{1}^{20}$
107918	1536	765	$\frac{1}{51}$	$\frac{25}{153}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{765}^{2}\ \Phi_{255}\ \Phi_{153}^{4}\ \Phi_{85}\ \Phi_{51}^{2}\ \Phi_{45}^{2}\ \Phi_{17}^{2}\ \Phi_{15}\ \Phi_{9}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
107919	1536	255	$\frac{7}{255}$	$\frac{31}{255}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{255}^{6}\ \Phi_{85}^{6}\ \Phi_{51}^{6}\ \Phi_{17}^{6}\ \Phi_{15}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
107920	1536	495	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{495}^{3}\ \Phi_{165}^{2}\ \Phi_{99}^{6}\ \Phi_{55}^{2}\ \Phi_{45}^{2}\ \Phi_{33}^{4}\ \Phi_{15}\ \Phi_{11}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
107921	1536	425	$\frac{3}{85}$	$\frac{41}{425}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{425}^{4}\ \Phi_{85}^{2}\ \Phi_{25}^{4}\ \Phi_{17}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
107922	1536	175	$\frac{1}{25}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{175}^{10}\ \Phi_{35}^{8}\ \Phi_{25}^{4}\ \Phi_{7}^{8}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
107923	1536	135	$\frac{7}{135}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{135}^{12}\ \Phi_{45}^{12}\ \Phi_{27}^{12}\ \Phi_{15}^{6}\ \Phi_{9}^{12}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
107924	1536	85	$\frac{1}{17}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{85}^{15}\ \Phi_{17}^{30}\ \Phi_{5}^{16}\ \Phi_{1}^{32}$
107925	1536	1535	$\frac{29}{1535}$	$\frac{251}{1535}$	$\frac{321}{1535}$	$\frac{607}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107926	1536	1617	$\frac{1}{49}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{231}\ \Phi_{147}\ \Phi_{77}\ \Phi_{21}$
107927	1536	1535	$\frac{39}{1535}$	$\frac{187}{1535}$	$\frac{337}{1535}$	$\frac{599}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107928	1536	1617	$\frac{1}{33}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{231}\ \Phi_{147}\ \Phi_{77}\ \Phi_{21}$
107929	1536	1535	$\frac{59}{1535}$	$\frac{123}{1535}$	$\frac{353}{1535}$	$\frac{591}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107930	1536	1677	$\frac{1}{129}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1677}\ \Phi_{559}\ \Phi_{39}$
107931	1536	325	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{325}^{5}\ \Phi_{65}^{5}\ \Phi_{25}^{4}\ \Phi_{5}^{4}$
107932	1536	1535	$\frac{79}{1535}$	$\frac{91}{1535}$	$\frac{361}{1535}$	$\frac{587}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107933	1536	1649	$\frac{5}{97}$	$\frac{1}{17}$	$\frac{23}{97}$	$\frac{37}{97}$	Φ_{1649}
107934	1536	1677	$\frac{5}{129}$	$\frac{1}{13}$	$\frac{31}{129}$	$\frac{49}{129}$	$\Phi_{1677}\ \Phi_{559}\ \Phi_{39}$
107935	1536	1535	$\frac{59}{1535}$	$\frac{119}{1535}$	$\frac{369}{1535}$	$\frac{583}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107936	1536	1535	$\frac{43}{1535}$	$\frac{159}{1535}$	$\frac{373}{1535}$	$\frac{581}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107937	1536	1737	$\frac{5}{193}$	$\frac{1}{9}$	$\frac{47}{193}$	$\frac{73}{193}$	$\Phi_{1737}\ \Phi_{579}$
107938	1536	1799	$\frac{5}{257}$	$\frac{1}{7}$	$\frac{63}{257}$	$\frac{97}{257}$	Φ_{1799}
107939	1536	1535	$\frac{27}{1535}$	$\frac{239}{1535}$	$\frac{377}{1535}$	$\frac{579}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107940	1536	385	$\frac{1}{77}$	$\frac{1}{5}$	$\frac{19}{77}$	$\frac{29}{77}$	$\Phi_{385}^{5}\ \Phi_{55}^{5}\ \Phi_{35}^{5}\ \Phi_{5}^{4}$
107941	1536	1535	$\frac{19}{1535}$	$\frac{319}{1535}$	$\frac{379}{1535}$	$\frac{578}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
107942	1536	2052	$\frac{5}{513}$	$\frac{127}{513}$	$\frac{1}{4}$	$\frac{193}{513}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{114}\ \Phi_{108}\ \Phi_{76}\ \Phi_{54}\ \Phi_{38}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
107943	1536	1535	$\frac{11}{1535}$	$\frac{381}{1535}$	$\frac{479}{1535}$	$\frac{577}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107944	1536	2307	$\frac{5}{769}$	$\frac{191}{769}$	$\frac{1}{3}$	$\frac{289}{769}$	Φ_{2307}
107945	1536	307	$\frac{3}{307}$	$\frac{76}{307}$	$\frac{77}{307}$	$\frac{115}{307}$	$\Phi_{307}^{5}\ \Phi_{1}^{6}$
107946	1536	325	$\frac{1}{65}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{325}^{5}\ \Phi_{65}^{4}\ \Phi_{25}^{4}\ \Phi_{13}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
107947	1536	1535	$\frac{31}{1535}$	$\frac{188}{1535}$	$\frac{449}{1535}$	$\frac{543}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107948	1536	1617	$\frac{1}{33}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{231}\ \Phi_{147}\ \Phi_{77}\ \Phi_{21}$
107949	1536	1535	$\frac{63}{1535}$	$\frac{92}{1535}$	$\frac{481}{1535}$	$\frac{527}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107950	1536	1649	$\frac{4}{97}$	$\frac{1}{17}$	$\frac{31}{97}$	$\frac{33}{97}$	Φ_{1649}
107951	1536	1535	$\frac{44}{1535}$	$\frac{127}{1535}$	$\frac{497}{1535}$	$\frac{519}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107952	1536	1737	$\frac{4}{193}$	$\frac{1}{9}$	$\frac{63}{193}$	$\frac{65}{193}$	$\Phi_{1737}\ \Phi_{579}$
107953	1536	307	$\frac{4}{307}$	$\frac{51}{307}$	$\frac{101}{307}$	$\frac{103}{307}$	$\Phi_{307}^{5}\ \Phi_{1}^{6}$
107954	1536	385	$\frac{4}{385}$	$\frac{1}{5}$	$\frac{127}{385}$	$\frac{129}{385}$	$\Phi_{385}^{4}\ \Phi_{77}^{4}\ \Phi_{55}^{4}\ \Phi_{35}^{4}\ \Phi_{11}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
107955	1536	1535	$\frac{8}{1535}$	$\frac{509}{1535}$	$\frac{511}{1535}$	$\frac{513}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
107956	1536	2307	$\frac{4}{769}$	$\frac{255}{769}$	$\frac{1}{3}$	$\frac{257}{769}$	Φ_{2307}
107957	1536	579	$\frac{1}{193}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{579}^{3}\ \Phi_{193}^{2}$
107958	1536	1149	$\frac{2}{383}$	$\frac{127}{383}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1149}\ \Phi_{383}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
107959	1536	516	$\frac{1}{129}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{516}^{4}\ \Phi_{258}^{4}\ \Phi_{172}^{4}\ \Phi_{86}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
107960	1536	1149	$\frac{3}{383}$	$\frac{95}{383}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1149}\ \Phi_{383}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
107961	1536	1455	$\frac{1}{97}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1455}\ \Phi_{485}^{2}$
107962	1536	1149	$\frac{5}{383}$	$\frac{63}{383}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1149}\ \Phi_{383}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
107963	1536	1365	$\frac{1}{65}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}^{2}\ \Phi_{273}\ \Phi_{105}\ \Phi_{91}^{2}\ \Phi_{35}^{2}$
107964	1536	1149	$\frac{7}{383}$	$\frac{47}{383}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1149}\ \Phi_{383}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
107965	1536	441	$\frac{1}{49}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{441}^{4}\ \Phi_{147}^{3}\ \Phi_{63}^{4}\ \Phi_{49}^{2}\ \Phi_{21}^{3}\ \Phi_{7}^{2}$
107966	1536	1149	$\frac{11}{383}$	$\frac{31}{383}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1149}\ \Phi_{383}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
107967	1536	429	$\frac{1}{33}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{429}^{4}\ \Phi_{143}^{4}\ \Phi_{39}^{3}\ \Phi_{13}^{2}$
107968	1536	1149	$\frac{15}{383}$	$\frac{23}{383}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1149}\ \Phi_{383}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
107969	1536	1275	$\frac{1}{25}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1275}\ \Phi_{425}^{2}\ \Phi_{255}\ \Phi_{85}^{2}$
107970	1536	3060	$\frac{2}{255}$	$\frac{1}{4}$	$\frac{253}{765}$	$\frac{1}{3}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{612}\ \Phi_{306}\ \Phi_{180}\ \Phi_{90}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
107971	1536	2865	$\frac{2}{191}$	$\frac{1}{5}$	$\frac{63}{191}$	$\frac{1}{3}$	$\Phi_{2865}\ \Phi_{15}^{2}$
107972	1536	2307	$\frac{10}{769}$	$\frac{129}{769}$	$\frac{253}{769}$	$\frac{1}{3}$	Φ_{2307}
107973	1536	855	$\frac{2}{95}$	$\frac{1}{9}$	$\frac{31}{95}$	$\frac{1}{3}$	$\Phi_{855}^{2}\ \Phi_{285}\ \Phi_{171}^{2}\ \Phi_{95}^{2}\ \Phi_{57}\ \Phi_{45}^{2}\ \Phi_{19}^{2}\ \Phi_{15}\ \Phi_{9}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
107974	1536	2307	$\frac{22}{769}$	$\frac{65}{769}$	$\frac{249}{769}$	$\frac{1}{3}$	Φ_{2307}
107975	1536	2457	$\frac{2}{63}$	$\frac{1}{13}$	$\frac{61}{189}$	$\frac{1}{3}$	$\Phi_{2457}\ \Phi_{351}\ \Phi_{39}$
107976	1536	2397	$\frac{2}{47}$	$\frac{1}{17}$	$\frac{15}{47}$	$\frac{1}{3}$	$\Phi_{2397}\ \Phi_{51}^{2}$
107977	1536	2307	$\frac{33}{769}$	$\frac{46}{769}$	$\frac{241}{769}$	$\frac{1}{3}$	Φ_{2307}
107978	1536	759	$\frac{1}{33}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{759}^{2}\ \Phi_{253}^{2}\ \Phi_{69}\ \Phi_{33}^{4}\ \Phi_{23}^{2}\ \Phi_{11}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
107979	1536	2307	$\frac{17}{769}$	$\frac{94}{769}$	$\frac{225}{769}$	$\frac{1}{3}$	Φ_{2307}
107980	1536	2205	$\frac{1}{49}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{2205}\ \Phi_{441}\ \Phi_{315}\ \Phi_{147}\ \Phi_{63}\ \Phi_{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
107981	1536	2145	$\frac{1}{65}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{195}^2\ \Phi_{165}\ \Phi_{39}^2\ \Phi_{15}^2$
107982	1536	2307	$\frac{9}{769}$	$\frac{190}{769}$	$\frac{193}{769}$	$\frac{1}{3}$	Φ_{2307}
107983	1536	1020	$\frac{1}{85}$	$\frac{21}{85}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^3\ \Phi_{510}^3\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{12}^4\ \Phi_{6}^4$
107984	1536	780	$\frac{1}{65}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^4\ \Phi_{390}^4\ \Phi_{156}^4\ \Phi_{78}^4\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{12}^4\ \Phi_{6}^4$
107985	1536	612	$\frac{1}{51}$	$\frac{25}{153}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{612}^4\ \Phi_{306}^4\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{36}^4\ \Phi_{34}^2\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
107986	1536	2100	$\frac{13}{525}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{70}\ \Phi_{50}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
107987	1536	1020	$\frac{7}{255}$	$\frac{31}{255}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{204}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
107988	1536	396	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^6\ \Phi_{198}^6\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{36}^4\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
107989	1536	2244	$\frac{2}{51}$	$\frac{49}{561}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{374}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{22}\ \Phi_{12}\ \Phi_{6}$
107990	1536	540	$\frac{7}{135}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^2\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
107991	1536	204	$\frac{1}{17}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^{15}\ \Phi_{102}^{15}\ \Phi_{12}^{16}\ \Phi_{6}^{16}$
107992	1536	2865	$\frac{3}{191}$	$\frac{1}{5}$	$\frac{47}{191}$	$\frac{1}{3}$	$\Phi_{2865}\ \Phi_{15}^2$
107993	1536	2307	$\frac{13}{769}$	$\frac{145}{769}$	$\frac{189}{769}$	$\frac{1}{3}$	Φ_{2307}
107994	1536	2667	$\frac{3}{127}$	$\frac{1}{7}$	$\frac{31}{127}$	$\frac{1}{3}$	$\Phi_{2667}\ \Phi_{21}^2$
107995	1536	2307	$\frac{21}{769}$	$\frac{97}{769}$	$\frac{187}{769}$	$\frac{1}{3}$	Φ_{2307}
107996	1536	855	$\frac{3}{95}$	$\frac{1}{9}$	$\frac{23}{95}$	$\frac{1}{3}$	$\Phi_{855}^2\ \Phi_{285}\ \Phi_{171}^2\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{45}^2\ \Phi_{19}^2\ \Phi_{15}\ \Phi_{9}^4\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
107997	1536	2307	$\frac{29}{769}$	$\frac{73}{769}$	$\frac{185}{769}$	$\frac{1}{3}$	Φ_{2307}
107998	1536	273	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{5}{21}$	$\frac{1}{3}$	$\Phi_{273}^6\ \Phi_{91}^6\ \Phi_{39}^7\ \Phi_{13}^6$
107999	1536	2307	$\frac{45}{769}$	$\frac{49}{769}$	$\frac{181}{769}$	$\frac{1}{3}$	Φ_{2307}
108000	1536	2397	$\frac{1}{17}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{1}{3}$	$\Phi_{2397}\ \Phi_{51}^2$
108001	1536	2307	$\frac{37}{769}$	$\frac{61}{769}$	$\frac{177}{769}$	$\frac{1}{3}$	Φ_{2307}
108002	1536	2325	$\frac{1}{25}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{2325}\ \Phi_{465}\ \Phi_{75}^2\ \Phi_{15}^2$
108003	1536	1755	$\frac{7}{135}$	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{65}\ \Phi_{39}$
108004	1536	2307	$\frac{25}{769}$	$\frac{93}{769}$	$\frac{169}{769}$	$\frac{1}{3}$	Φ_{2307}
108005	1536	759	$\frac{1}{33}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{759}^2\ \Phi_{253}^2\ \Phi_{69}\ \Phi_{33}^4\ \Phi_{23}^2\ \Phi_{11}^4\ \Phi_{3}^2\ \Phi_{1}^4$
108006	1536	2307	$\frac{19}{769}$	$\frac{125}{769}$	$\frac{161}{769}$	$\frac{1}{3}$	Φ_{2307}
108007	1536	735	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{735}^3\ \Phi_{147}^4\ \Phi_{105}^3\ \Phi_{21}^4$
108008	1536	2865	$\frac{5}{191}$	$\frac{31}{191}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2865}\ \Phi_{15}^2$
108009	1536	1155	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1155}^2\ \Phi_{385}^2\ \Phi_{105}\ \Phi_{35}^2$
108010	1536	2865	$\frac{7}{191}$	$\frac{23}{191}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2865}\ \Phi_{15}^2$
108011	1536	225	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{225}^8\ \Phi_{75}^4\ \Phi_{45}^6\ \Phi_{25}^8\ \Phi_{15}^3\ \Phi_{9}^8\ \Phi_{5}^6\ \Phi_{3}^4\ \Phi_{1}^8$
108012	1536	2865	$\frac{11}{191}$	$\frac{15}{191}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2865}\ \Phi_{15}^2$
108013	1536	3315	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{3}$	Φ_{3315}
108014	1536	171	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{3}{19}$	$\frac{1}{3}$	$\Phi_{171}^{10}\ \Phi_{57}^5\ \Phi_{19}^{10}\ \Phi_{9}^{12}\ \Phi_{3}^6\ \Phi_{1}^{12}$
108015	1536	2307	$\frac{43}{769}$	$\frac{81}{769}$	$\frac{121}{769}$	$\frac{1}{3}$	Φ_{2307}
108016	1536	2397	$\frac{1}{17}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{3}$	$\Phi_{2397}\ \Phi_{51}^2$
108017	1536	2307	$\frac{41}{769}$	$\frac{91}{769}$	$\frac{113}{769}$	$\frac{1}{3}$	Φ_{2307}
108018	1536	2667	$\frac{7}{127}$	$\frac{15}{127}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2667}\ \Phi_{21}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
108019	1536	1071	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1071}^{2}\ \Phi_{357}\ \Phi_{119}^{2}$
108020	1536	1365	$\frac{1}{13}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1365}^{2}\ \Phi_{273}\ \Phi_{195}^{2}\ \Phi_{39}^{2}$
108021	1536	1911	$\frac{1}{13}$	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{1}{3}$	$\Phi_{1911}\ \Phi_{637}\ \Phi_{39}$
108022	1536	855	$\frac{7}{95}$	$\frac{1}{9}$	$\frac{11}{95}$	$\frac{1}{3}$	$\Phi_{855}^{2}\ \Phi_{285}\ \Phi_{171}^{2}\ \Phi_{95}^{2}\ \Phi_{57}\ \Phi_{45}^{2}\ \Phi_{19}^{2}\ \Phi_{15}\ \Phi_{9}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
108023	1536	2307	$\frac{57}{769}$	$\frac{85}{769}$	$\frac{89}{769}$	$\frac{1}{3}$	Φ_{2307}
108024	1536	117	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{117}^{14}\ \Phi_{39}^{15}\ \Phi_{13}^{14}$
108025	1536	165	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{37}{165}$	$\frac{18}{55}$	$\Phi_{165}^{12}\ \Phi_{55}^{4}\ \Phi_{33}^{12}\ \Phi_{15}^{12}\ \Phi_{11}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{12}\ \Phi_{1}^{4}$
108026	1536	95	$\frac{2}{95}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{31}{95}$	$\Phi_{95}^{16}\ \Phi_{19}^{16}\ \Phi_{5}^{19}\ \Phi_{1}^{20}$
108027	1536	1535	$\frac{38}{1535}$	$\frac{259}{1535}$	$\frac{319}{1535}$	$\frac{499}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
108028	1536	385	$\frac{2}{77}$	$\frac{13}{77}$	$\frac{1}{5}$	$\frac{25}{77}$	$\Phi_{385}^{5}\ \Phi_{55}^{5}\ \Phi_{35}^{5}\ \Phi_{5}^{4}$
108029	1536	756	$\frac{2}{63}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{61}{189}$	$\Phi_{756}^{4}\ \Phi_{378}^{4}\ \Phi_{108}^{4}\ \Phi_{54}^{4}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
108030	1536	945	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{61}{189}$	$\Phi_{945}^{3}\ \Phi_{135}^{3}\ \Phi_{35}$
108031	1536	2268	$\frac{1}{27}$	$\frac{55}{567}$	$\frac{1}{4}$	$\frac{26}{81}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
108032	1536	1457	$\frac{2}{47}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{15}{47}$	$\Phi_{1457}\ \Phi_{47}^{2}\ \Phi_{31}^{2}\ \Phi_{1}^{4}$
108033	1536	2115	$\frac{2}{47}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{15}{47}$	$\Phi_{2115}\ \Phi_{705}\ \Phi_{45}^{2}\ \Phi_{15}^{2}$
108034	1536	1535	$\frac{74}{1535}$	$\frac{131}{1535}$	$\frac{351}{1535}$	$\frac{487}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
108035	1536	1737	$\frac{10}{193}$	$\frac{1}{9}$	$\frac{33}{193}$	$\frac{61}{193}$	$\Phi_{1737}\ \Phi_{579}$
108036	1536	935	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{59}{187}$	$\Phi_{935}^{2}\ \Phi_{85}^{2}\ \Phi_{55}^{3}\ \Phi_{5}^{2}$
108037	1536	1535	$\frac{86}{1535}$	$\frac{159}{1535}$	$\frac{263}{1535}$	$\frac{483}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
108038	1536	35	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{11}{35}$	$\Phi_{35}^{44}\ \Phi_{7}^{44}\ \Phi_{5}^{43}\ \Phi_{1}^{44}$
108039	1536	275	$\frac{19}{275}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{17}{55}$	$\Phi_{275}^{6}\ \Phi_{55}^{4}\ \Phi_{25}^{6}\ \Phi_{11}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
108040	1536	2964	$\frac{1}{19}$	$\frac{18}{247}$	$\frac{1}{4}$	$\frac{229}{741}$	$\Phi_{2964}\ \Phi_{1482}\ \Phi_{228}\ \Phi_{156}\ \Phi_{114}\ \Phi_{78}\ \Phi_{76}\ \Phi_{38}\ \Phi_{12}\ \Phi_{6}$
108041	1536	483	$\frac{1}{21}$	$\frac{2}{23}$	$\frac{5}{21}$	$\frac{7}{23}$	$\Phi_{483}^{3}\ \Phi_{161}^{3}\ \Phi_{69}^{3}\ \Phi_{23}^{4}\ \Phi_{21}^{6}\ \Phi_{7}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
108042	1536	1955	$\frac{1}{17}$	$\frac{2}{23}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{1955}\ \Phi_{85}^{2}$
108043	1536	805	$\frac{3}{35}$	$\frac{2}{23}$	$\frac{1}{7}$	$\frac{7}{23}$	$\Phi_{805}^{2}\ \Phi_{161}\ \Phi_{115}^{2}\ \Phi_{35}^{4}\ \Phi_{23}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
108044	1536	207	$\frac{2}{23}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{7}{23}$	$\Phi_{207}^{7}\ \Phi_{69}^{7}\ \Phi_{23}^{8}\ \Phi_{9}^{14}\ \Phi_{3}^{14}\ \Phi_{1}^{16}$
108045	1536	1535	$\frac{67}{1535}$	$\frac{146}{1535}$	$\frac{367}{1535}$	$\frac{463}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
108046	1536	1649	$\frac{1}{17}$	$\frac{10}{97}$	$\frac{17}{97}$	$\frac{29}{97}$	Φ_{1649}
108047	1536	2916	$\frac{1}{27}$	$\frac{26}{243}$	$\frac{1}{4}$	$\frac{217}{729}$	$\Phi_{2916}\ \Phi_{1458}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
108048	1536	307	$\frac{27}{307}$	$\frac{34}{307}$	$\frac{35}{307}$	$\frac{91}{307}$	$\Phi_{307}^{5}\ \Phi_{1}^{6}$
108049	1536	1737	$\frac{17}{193}$	$\frac{1}{9}$	$\frac{22}{193}$	$\frac{57}{193}$	$\Phi_{1737}\ \Phi_{579}$
108050	1536	1535	$\frac{79}{1535}$	$\frac{182}{1535}$	$\frac{271}{1535}$	$\frac{451}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
108051	1536	385	$\frac{17}{385}$	$\frac{46}{385}$	$\frac{1}{5}$	$\frac{113}{385}$	$\Phi_{385}^{4}\ \Phi_{77}^{4}\ \Phi_{55}^{4}\ \Phi_{35}^{4}\ \Phi_{11}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
108052	1536	225	$\frac{1}{25}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{225}^{10}\ \Phi_{45}^{8}\ \Phi_{25}^{4}\ \Phi_{9}^{8}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
108053	1536	231	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{231}^{7}\ \Phi_{77}^{7}\ \Phi_{33}^{6}\ \Phi_{21}^{4}\ \Phi_{11}^{6}\ \Phi_{7}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
108054	1536	665	$\frac{5}{133}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{665}^{3}\ \Phi_{95}^{3}\ \Phi_{35}$
108055	1536	1397	$\frac{3}{127}$	$\frac{2}{11}$	$\frac{31}{127}$	$\frac{3}{11}$	$\Phi_{1397}\ \Phi_{127}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
108056	1536	165	$\frac{1}{33}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{165}^{12}\ \Phi_{55}^{11}\ \Phi_{15}^{12}\ \Phi_{5}^{10}$
108057	1536	1397	$\frac{7}{127}$	$\frac{15}{127}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1397}\ \Phi_{127}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
108058	1536	1683	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{153}^2\ \Phi_{51}^2$
108059	1536	307	$\frac{7}{307}$	$\frac{58}{307}$	$\frac{75}{307}$	$\frac{83}{307}$	$\Phi_{307}^5\ \Phi_1^6$
108060	1536	175	$\frac{1}{35}$	$\frac{34}{175}$	$\frac{1}{5}$	$\frac{47}{175}$	$\Phi_{175}^8\ \Phi_{35}^{12}\ \Phi_{25}^8\ \Phi_7^{12}\ \Phi_5^{11}\ \Phi_1^{12}$
108061	1536	75	$\frac{1}{25}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{75}^{19}\ \Phi_{25}^{23}\ \Phi_{15}^{20}\ \Phi_5^{23}\ \Phi_3^{20}\ \Phi_1^{24}$
108062	1536	1617	$\frac{1}{33}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{231}\ \Phi_{147}\ \Phi_{77}\ \Phi_{21}$
108063	1536	1535	$\frac{71}{1535}$	$\frac{183}{1535}$	$\frac{338}{1535}$	$\frac{399}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_5\ \Phi_1^2$
108064	1536	1649	$\frac{1}{17}$	$\frac{9}{97}$	$\frac{22}{97}$	$\frac{25}{97}$	Φ_{1649}
108065	1536	559	$\frac{3}{43}$	$\frac{1}{13}$	$\frac{10}{43}$	$\frac{11}{43}$	$\Phi_{559}^3\ \Phi_{13}^2$
108066	1536	1535	$\frac{87}{1535}$	$\frac{143}{1535}$	$\frac{362}{1535}$	$\frac{391}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_5\ \Phi_1^2$
108067	1536	1737	$\frac{9}{193}$	$\frac{1}{9}$	$\frac{46}{193}$	$\frac{49}{193}$	$\Phi_{1737}\ \Phi_{579}$
108068	1536	1535	$\frac{39}{1535}$	$\frac{287}{1535}$	$\frac{374}{1535}$	$\frac{387}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_5\ \Phi_1^2$
108069	1536	385	$\frac{9}{385}$	$\frac{1}{5}$	$\frac{94}{385}$	$\frac{97}{385}$	$\Phi_{385}^4\ \Phi_{77}^4\ \Phi_{55}^4\ \Phi_{35}^4\ \Phi_{11}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
108070	1536	684	$\frac{1}{57}$	$\frac{14}{57}$	$\frac{1}{4}$	$\frac{43}{171}$	$\Phi_{684}^4\ \Phi_{342}^4\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{38}\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{12}\ \Phi_6$
108071	1536	2540	$\frac{3}{127}$	$\frac{1}{5}$	$\frac{31}{127}$	$\frac{1}{4}$	$\Phi_{2540}\ \Phi_{1270}\ \Phi_{20}^2\ \Phi_{10}^2$
108072	1536	2052	$\frac{13}{513}$	$\frac{97}{513}$	$\frac{125}{513}$	$\frac{1}{4}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{114}\ \Phi_{108}\ \Phi_{76}\ \Phi_{54}\ \Phi_{38}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
108073	1536	252	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{5}{21}$	$\frac{1}{4}$	$\Phi_{252}^9\ \Phi_{126}^9\ \Phi_{84}^6\ \Phi_{42}^6\ \Phi_{36}^{10}\ \Phi_{28}^6\ \Phi_{18}^{10}\ \Phi_{14}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
108074	1536	2052	$\frac{29}{513}$	$\frac{49}{513}$	$\frac{121}{513}$	$\frac{1}{4}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{114}\ \Phi_{108}\ \Phi_{76}\ \Phi_{54}\ \Phi_{38}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
108075	1536	2108	$\frac{1}{17}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{4}$	$\Phi_{2108}\ \Phi_{1054}\ \Phi_{68}^2\ \Phi_{34}^2$
108076	1536	540	$\frac{7}{135}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{54}^4\ \Phi_{36}\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}^4\ \Phi_6$
108077	1536	2052	$\frac{25}{513}$	$\frac{61}{513}$	$\frac{113}{513}$	$\frac{1}{4}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{114}\ \Phi_{108}\ \Phi_{76}\ \Phi_{54}\ \Phi_{38}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
108078	1536	532	$\frac{5}{133}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{532}^4\ \Phi_{266}^4\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_4^2\ \Phi_2^2$
108079	1536	324	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{17}{81}$	$\frac{1}{4}$	$\Phi_{324}^6\ \Phi_{162}^6\ \Phi_{108}^7\ \Phi_{54}^7\ \Phi_{36}^7\ \Phi_{18}^7\ \Phi_{12}^7\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
108080	1536	660	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{132}^4\ \Phi_{110}^3\ \Phi_{66}^4\ \Phi_{60}^3\ \Phi_{44}^4\ \Phi_{30}^3\ \Phi_{22}^4\ \Phi_{12}^4\ \Phi_6^4$
108081	1536	2540	$\frac{7}{127}$	$\frac{15}{127}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2540}\ \Phi_{1270}\ \Phi_{20}^2\ \Phi_{10}^2$
108082	1536	3060	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{1020}\ \Phi_{510}$
108083	1536	1260	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{59}{315}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
108084	1536	1260	$\frac{3}{35}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{126}\ \Phi_{90}^2\ \Phi_{84}\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
108085	1536	2268	$\frac{55}{567}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{4}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{378}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
108086	1536	36	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{4}$	$\Phi_{36}^{57}\ \Phi_{18}^{57}\ \Phi_{12}^{57}\ \Phi_6^{57}\ \Phi_4^{56}\ \Phi_2^{56}$
108087	1536	95	$\frac{3}{95}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{23}{95}$	$\Phi_{95}^{16}\ \Phi_{19}^{16}\ \Phi_5^{19}\ \Phi_1^{20}$
108088	1536	1535	$\frac{51}{1535}$	$\frac{291}{1535}$	$\frac{311}{1535}$	$\frac{371}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_5\ \Phi_1^2$
108089	1536	385	$\frac{13}{385}$	$\frac{73}{385}$	$\frac{1}{5}$	$\frac{93}{385}$	$\Phi_{385}^4\ \Phi_{77}^4\ \Phi_{55}^4\ \Phi_{35}^4\ \Phi_{11}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
108090	1536	483	$\frac{1}{21}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{5}{21}$	$\Phi_{483}^3\ \Phi_{161}^3\ \Phi_{69}^3\ \Phi_{23}^4\ \Phi_{21}^6\ \Phi_7^6\ \Phi_3^6\ \Phi_1^8$
108091	1536	105	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{5}{21}$	$\Phi_{105}^{18}\ \Phi_{35}^{19}\ \Phi_{15}^{18}\ \Phi_5^{18}$
108092	1536	307	$\frac{15}{307}$	$\frac{39}{307}$	$\frac{67}{307}$	$\frac{73}{307}$	$\Phi_{307}^5\ \Phi_1^6$
108093	1536	1799	$\frac{13}{257}$	$\frac{1}{7}$	$\frac{49}{257}$	$\frac{61}{257}$	Φ_{1799}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
108094	1536	1535	$\frac{83}{1535}$	$\frac{207}{1535}$	$\frac{293}{1535}$	$\frac{363}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
108095	1536	55	$\frac{3}{55}$	$\frac{7}{55}$	$\frac{1}{5}$	$\frac{13}{55}$	$\Phi_{55}^{28}\ \Phi_{11}^{28}\ \Phi_{5}^{27}\ \Phi_{1}^{28}$
108096	1536	1457	$\frac{3}{47}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{11}{47}$	$\Phi_{1457}\ \Phi_{47}^{2}\ \Phi_{31}^{2}\ \Phi_{1}^{4}$
108097	1536	2115	$\frac{3}{47}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{11}{47}$	$\Phi_{2115}\ \Phi_{705}\ \Phi_{45}^{2}\ \Phi_{15}^{2}$
108098	1536	1535	$\frac{99}{1535}$	$\frac{147}{1535}$	$\frac{347}{1535}$	$\frac{359}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
108099	1536	1737	$\frac{13}{193}$	$\frac{1}{9}$	$\frac{37}{193}$	$\frac{45}{193}$	$\Phi_{1737}\ \Phi_{579}$
108100	1536	307	$\frac{23}{307}$	$\frac{31}{307}$	$\frac{59}{307}$	$\frac{71}{307}$	$\Phi_{307}^{5}\ \Phi_{1}^{6}$
108101	1536	385	$\frac{29}{385}$	$\frac{37}{385}$	$\frac{1}{5}$	$\frac{89}{385}$	$\Phi_{385}^{4}\ \Phi_{77}^{4}\ \Phi_{55}^{4}\ \Phi_{35}^{4}\ \Phi_{11}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
108102	1536	2015	$\frac{1}{13}$	$\frac{3}{31}$	$\frac{1}{5}$	$\frac{7}{31}$	$\Phi_{2015}\ \Phi_{65}^{2}$
108103	1536	1457	$\frac{3}{31}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{7}{31}$	$\Phi_{1457}\ \Phi_{47}^{2}\ \Phi_{31}^{2}\ \Phi_{1}^{4}$
108104	1536	1953	$\frac{3}{31}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{7}{31}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{63}^{2}\ \Phi_{21}^{2}$
108105	1536	1677	$\frac{1}{13}$	$\frac{13}{129}$	$\frac{25}{129}$	$\frac{29}{129}$	$\Phi_{1677}\ \Phi_{559}\ \Phi_{39}$
108106	1536	165	$\frac{4}{55}$	$\frac{17}{165}$	$\frac{1}{5}$	$\frac{37}{165}$	$\Phi_{165}^{9}\ \Phi_{55}^{10}\ \Phi_{33}^{9}\ \Phi_{15}^{9}\ \Phi_{11}^{10}\ \Phi_{5}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
108107	1536	1535	$\frac{149}{1535}$	$\frac{163}{1535}$	$\frac{231}{1535}$	$\frac{343}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
108108	1536	1737	$\frac{21}{193}$	$\frac{1}{9}$	$\frac{25}{193}$	$\frac{43}{193}$	$\Phi_{1737}\ \Phi_{579}$
108109	1536	1535	$\frac{167}{1535}$	$\frac{171}{1535}$	$\frac{199}{1535}$	$\frac{341}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
108110	1536	1799	$\frac{25}{257}$	$\frac{29}{257}$	$\frac{1}{7}$	$\frac{57}{257}$	Φ_{1799}
108111	1536	1535	$\frac{103}{1535}$	$\frac{179}{1535}$	$\frac{299}{1535}$	$\frac{339}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
108112	1536	385	$\frac{5}{77}$	$\frac{9}{77}$	$\frac{1}{5}$	$\frac{17}{77}$	$\Phi_{385}^{5}\ \Phi_{55}^{5}\ \Phi_{35}^{5}\ \Phi_{5}^{4}$
108113	1536	1955	$\frac{1}{17}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{5}{23}$	$\Phi_{1955}\ \Phi_{85}^{2}$
108114	1536	805	$\frac{3}{35}$	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{5}{23}$	$\Phi_{805}^{2}\ \Phi_{161}\ \Phi_{115}^{2}\ \Phi_{35}^{4}\ \Phi_{23}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
108115	1536	207	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{3}{23}$	$\frac{5}{23}$	$\Phi_{207}^{7}\ \Phi_{69}^{7}\ \Phi_{23}^{8}\ \Phi_{9}^{14}\ \Phi_{3}^{14}\ \Phi_{1}^{16}$
108116	1536	1649	$\frac{1}{17}$	$\frac{13}{97}$	$\frac{19}{97}$	$\frac{21}{97}$	Φ_{1649}
108117	1536	245	$\frac{2}{35}$	$\frac{33}{245}$	$\frac{1}{5}$	$\frac{53}{245}$	$\Phi_{245}^{6}\ \Phi_{49}^{6}\ \Phi_{35}^{8}\ \Phi_{7}^{8}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
108118	1536	1535	$\frac{151}{1535}$	$\frac{173}{1535}$	$\frac{227}{1535}$	$\frac{327}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
108119	1536	1737	$\frac{19}{193}$	$\frac{1}{9}$	$\frac{29}{193}$	$\frac{41}{193}$	$\Phi_{1737}\ \Phi_{579}$
108120	1536	1535	$\frac{77}{1535}$	$\frac{243}{1535}$	$\frac{303}{1535}$	$\frac{323}{1535}$	$\Phi_{1535}\ \Phi_{307}\ \Phi_{5}\ \Phi_{1}^{2}$
108121	1536	385	$\frac{19}{385}$	$\frac{61}{385}$	$\frac{1}{5}$	$\frac{81}{385}$	$\Phi_{385}^{4}\ \Phi_{77}^{4}\ \Phi_{55}^{4}\ \Phi_{35}^{4}\ \Phi_{11}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
108122	1536	25	$\frac{1}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{25}^{64}\ \Phi_{5}^{51}\ \Phi_{1}^{52}$
108123	1536	475	$\frac{4}{95}$	$\frac{91}{475}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{475}^{4}\ \Phi_{25}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
108124	1536	95	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{95}^{15}\ \Phi_{19}^{20}\ \Phi_{5}^{18}\ \Phi_{1}^{24}$
108125	1536	595	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{595}^{3}\ \Phi_{119}^{4}$
108126	1536	95	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{95}^{16}\ \Phi_{19}^{16}\ \Phi_{5}^{19}\ \Phi_{1}^{20}$
108127	1536	585	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{585}^{3}\ \Phi_{195}^{3}\ \Phi_{117}^{4}\ \Phi_{39}^{4}$
108128	1536	385	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{13}{77}$	$\frac{1}{5}$	$\Phi_{385}^{5}\ \Phi_{55}^{5}\ \Phi_{35}^{5}\ \Phi_{5}^{4}$
108129	1536	2115	$\frac{5}{47}$	$\frac{1}{9}$	$\frac{7}{47}$	$\frac{1}{5}$	$\Phi_{2115}\ \Phi_{705}\ \Phi_{45}^{2}\ \Phi_{15}^{2}$
108130	1536	385	$\frac{41}{385}$	$\frac{43}{385}$	$\frac{57}{385}$	$\frac{1}{5}$	$\Phi_{385}^{4}\ \Phi_{77}^{4}\ \Phi_{55}^{4}\ \Phi_{35}^{4}\ \Phi_{11}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
108131	1536	35	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{35}^{43}\ \Phi_{7}^{48}\ \Phi_{5}^{42}\ \Phi_{1}^{48}$
108132	1536	735	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{735}^{3}\ \Phi_{245}^{3}\ \Phi_{35}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
108133	1536	315	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{315}^{7}\ \Phi_{105}^{7}\ \Phi_{35}^{8}$
108134	1537	2052	$\frac{2}{513}$	$\frac{515}{2052}$	$\frac{1}{3}$	$\frac{511}{1026}$	$\Phi_{2052}\ \Phi_{684}\ \Phi_{513}\ \Phi_{228}\ \Phi_{171}\ \Phi_{108}\ \Phi_{76}\ \Phi_{57}\ \Phi_{36}\ \Phi_{27}\ \Phi_{19}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
108135	1537	3060	$\frac{7}{1530}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1523}{3060}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{204}\ \Phi_{180}\ \Phi_{68}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
108136	1537	1848	$\frac{3}{308}$	$\frac{311}{1848}$	$\frac{1}{4}$	$\frac{305}{616}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{24}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{11}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
108137	1537	3040	$\frac{17}{1520}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1503}{3040}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{160}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
108138	1537	1710	$\frac{2}{171}$	$\frac{173}{1710}$	$\frac{1}{3}$	$\frac{169}{342}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{171}\ \Phi_{95}\ \Phi_{90}\ \Phi_{57}\ \Phi_{45}\ \Phi_{30}\ \Phi_{19}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
108139	1537	1760	$\frac{3}{220}$	$\frac{223}{1760}$	$\frac{1}{4}$	$\frac{217}{440}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{20}\ \Phi_{16}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
108140	1537	3024	$\frac{25}{1512}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1487}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
108141	1537	3024	$\frac{25}{1512}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1487}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
108142	1537	3024	$\frac{25}{1512}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1487}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
108143	1537	728	$\frac{1}{52}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{51}{104}$	$\Phi_{364}^{4}\ \Phi_{182}^{4}\ \Phi_{104}\ \Phi_{91}^{4}\ \Phi_{56}\ \Phi_{52}^{4}\ \Phi_{28}^{4}\ \Phi_{26}^{4}\ \Phi_{14}^{4}\ \Phi_{13}^{4}\ \Phi_{8}^{2}\ \Phi_{7}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
108144	1537	2184	$\frac{1}{52}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{51}{104}$	$\Phi_{2184}^{2}\ \Phi_{312}^{2}\ \Phi_{168}^{2}\ \Phi_{104}\ \Phi_{42}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
108145	1537	416	$\frac{1}{52}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{51}{104}$	$\Phi_{416}^{4}\ \Phi_{208}^{4}\ \Phi_{104}\ \Phi_{52}^{4}\ \Phi_{32}^{5}\ \Phi_{26}^{4}\ \Phi_{16}^{5}\ \Phi_{13}^{4}\ \Phi_{8}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
108146	1537	3640	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{51}{104}$	$\Phi_{3640}\ \Phi_{520}\ \Phi_{280}\ \Phi_{104}\ \Phi_{40}\ \Phi_{35}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
108147	1537	2064	$\frac{11}{516}$	$\frac{1}{12}$	$\frac{527}{2064}$	$\frac{505}{1032}$	$\Phi_{2064}\ \Phi_{688}\ \Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}\ \Phi_{48}\ \Phi_{43}\ \Phi_{16}\ \Phi_{1}$
108148	1537	1680	$\frac{3}{140}$	$\frac{143}{1680}$	$\frac{1}{4}$	$\frac{137}{280}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
108149	1537	1620	$\frac{2}{81}$	$\frac{83}{1620}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
108150	1537	2992	$\frac{41}{1496}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1455}{2992}$	$\Phi_{2992}\ \Phi_{272}\ \Phi_{176}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
108151	1537	1596	$\frac{2}{57}$	$\frac{59}{1596}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{228}\ \Phi_{133}\ \Phi_{84}\ \Phi_{76}\ \Phi_{57}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{19}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
108152	1537	2184	$\frac{1}{28}$	$\frac{1}{26}$	$\frac{25}{78}$	$\frac{27}{56}$	$\Phi_{2184}^{2}\ \Phi_{312}^{2}\ \Phi_{168}^{2}\ \Phi_{78}\ \Phi_{56}\ \Phi_{39}\ \Phi_{24}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
108153	1537	56	$\frac{1}{28}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{56}^{26}\ \Phi_{28}^{29}\ \Phi_{14}^{29}\ \Phi_{8}^{26}\ \Phi_{7}^{29}\ \Phi_{4}^{28}\ \Phi_{2}^{28}\ \Phi_{1}^{29}$
108154	1537	3640	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{27}{56}$	$\Phi_{3640}\ \Phi_{520}\ \Phi_{280}\ \Phi_{65}\ \Phi_{56}\ \Phi_{40}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
108155	1537	2964	$\frac{2}{57}$	$\frac{55}{1482}$	$\frac{1}{3}$	$\frac{1427}{2964}$	$\Phi_{2964}\ \Phi_{988}\ \Phi_{228}\ \Phi_{156}\ \Phi_{76}\ \Phi_{57}\ \Phi_{52}\ \Phi_{19}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
108156	1537	510	$\frac{1}{30}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{510}^{3}\ \Phi_{255}^{3}\ \Phi_{170}^{3}\ \Phi_{102}^{2}\ \Phi_{85}^{3}\ \Phi_{51}^{3}\ \Phi_{34}^{2}\ \Phi_{30}^{5}\ \Phi_{17}^{3}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
108157	1537	2916	$\frac{2}{81}$	$\frac{79}{1458}$	$\frac{1}{3}$	$\frac{1379}{2916}$	$\Phi_{2916}\ \Phi_{972}\ \Phi_{324}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
108158	1537	360	$\frac{1}{30}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{360}^{6}\ \Phi_{120}^{6}\ \Phi_{90}^{6}\ \Phi_{72}^{5}\ \Phi_{45}^{6}\ \Phi_{40}^{6}\ \Phi_{30}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
108159	1537	2880	$\frac{1}{48}$	$\frac{97}{1440}$	$\frac{47}{144}$	$\frac{1343}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
108160	1537	2880	$\frac{1}{24}$	$\frac{97}{1440}$	$\frac{23}{120}$	$\frac{1343}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{120}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
108161	1537	1584	$\frac{47}{1584}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{72}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
108162	1537	1872	$\frac{1}{24}$	$\frac{23}{312}$	$\frac{335}{1872}$	$\frac{289}{624}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
108163	1537	54	$\frac{1}{54}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{54}^{28}\ \Phi_{27}^{29}\ \Phi_{18}^{28}\ \Phi_{9}^{29}\ \Phi_{6}^{28}\ \Phi_{3}^{28}\ \Phi_{2}^{28}\ \Phi_{1}^{29}$
108164	1537	2112	$\frac{1}{48}$	$\frac{47}{528}$	$\frac{575}{2112}$	$\frac{481}{1056}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{64}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
108165	1537	2800	$\frac{3}{140}$	$\frac{137}{1400}$	$\frac{1}{4}$	$\frac{1263}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
108166	1537	1080	$\frac{1}{54}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1080}^{2}\ \Phi_{360}^{2}\ \Phi_{270}^{2}\ \Phi_{216}^{2}\ \Phi_{135}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{72}^{2}\ \Phi_{54}\ \Phi_{45}^{2}\ \Phi_{40}\ \Phi_{30}^{2}\ \Phi_{27}\ \Phi_{24}^{2}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
108167	1537	480	$\frac{1}{30}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{480}^{6}\ \Phi_{160}^{6}\ \Phi_{96}^{5}\ \Phi_{32}^{5}\ \Phi_{30}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
108168	1537	96	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{5}{48}$	$\frac{43}{96}$	$\Phi_{96}^{13}\ \Phi_{48}^{16}\ \Phi_{32}^{18}\ \Phi_{24}^{16}\ \Phi_{16}^{20}\ \Phi_{12}^{16}\ \Phi_{8}^{20}\ \Phi_{6}^{16}\ \Phi_{4}^{20}\ \Phi_{3}^{16}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
108169	1537	1568	$\frac{31}{1568}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{224}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{49}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
108170	1537	2736	$\frac{2}{171}$	$\frac{169}{1368}$	$\frac{1}{3}$	$\frac{1199}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{171}\ \Phi_{144}\ \Phi_{57}\ \Phi_{48}\ \Phi_{19}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
108171	1537	1792	$\frac{1}{32}$	$\frac{31}{224}$	$\frac{255}{1792}$	$\frac{193}{448}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{256}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
108172	1537	2688	$\frac{1}{32}$	$\frac{31}{224}$	$\frac{193}{1344}$	$\frac{1151}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
108173	1537	1560	$\frac{23}{1560}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
108174	1537	1350	$\frac{1}{54}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}\ \Phi_{270}^{2}\ \Phi_{225}\ \Phi_{150}\ \Phi_{135}^{2}\ \Phi_{90}^{2}\ \Phi_{75}\ \Phi_{54}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{27}\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
108175	1537	2640	$\frac{3}{220}$	$\frac{217}{1320}$	$\frac{1}{4}$	$\frac{1103}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{240}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{48}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{16}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
108176	1537	108	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{108}^{12}\ \Phi_{54}^{17}\ \Phi_{36}^{11}\ \Phi_{27}^{17}\ \Phi_{18}^{16}\ \Phi_{12}^{12}\ \Phi_{9}^{16}\ \Phi_{6}^{16}\ \Phi_{4}^{12}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
108177	1537	60	$\frac{1}{30}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{60}^{23}\ \Phi_{30}^{28}\ \Phi_{20}^{23}\ \Phi_{15}^{28}\ \Phi_{12}^{24}\ \Phi_{10}^{28}\ \Phi_{6}^{28}\ \Phi_{5}^{28}\ \Phi_{4}^{24}\ \Phi_{3}^{28}\ \Phi_{2}^{28}\ \Phi_{1}^{29}$
108178	1537	90	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{90}^{17}\ \Phi_{45}^{18}\ \Phi_{30}^{16}\ \Phi_{18}^{17}\ \Phi_{15}^{17}\ \Phi_{10}^{16}\ \Phi_{9}^{17}\ \Phi_{6}^{16}\ \Phi_{5}^{17}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
108179	1537	1680	$\frac{1}{24}$	$\frac{143}{1680}$	$\frac{23}{120}$	$\frac{97}{240}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
108180	1537	1920	$\frac{1}{64}$	$\frac{63}{320}$	$\frac{383}{1920}$	$\frac{257}{640}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
108181	1537	2560	$\frac{1}{64}$	$\frac{63}{320}$	$\frac{257}{1280}$	$\frac{1023}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
108182	1537	432	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{432}^{6}\ \Phi_{144}^{6}\ \Phi_{54}^{5}\ \Phi_{48}^{5}\ \Phi_{27}^{5}\ \Phi_{18}^{5}\ \Phi_{16}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
108183	1537	1548	$\frac{11}{1548}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1548}\ \Phi_{774}\ \Phi_{516}\ \Phi_{387}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}\ \Phi_{43}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
108184	1537	2496	$\frac{1}{24}$	$\frac{23}{312}$	$\frac{289}{1248}$	$\frac{959}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{312}\ \Phi_{192}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{64}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
108185	1537	2464	$\frac{3}{308}$	$\frac{305}{1232}$	$\frac{1}{4}$	$\frac{927}{2464}$	$\Phi_{2464}\ \Phi_{352}\ \Phi_{308}\ \Phi_{224}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}\ \Phi_{32}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
108186	1537	1584	$\frac{47}{1584}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{16}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
108187	1537	1728	$\frac{1}{48}$	$\frac{191}{1728}$	$\frac{47}{144}$	$\frac{97}{288}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
108188	1537	2304	$\frac{1}{192}$	$\frac{191}{576}$	$\frac{767}{2304}$	$\frac{385}{1152}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
108189	1537	2295	$\frac{7}{765}$	$\frac{2}{9}$	$\frac{758}{2295}$	$\frac{1}{3}$	$\Phi_{2295}\ \Phi_{459}\ \Phi_{135}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
108190	1537	1701	$\frac{2}{81}$	$\frac{164}{1701}$	$\frac{79}{243}$	$\frac{1}{3}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{189}\ \Phi_{81}\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
108191	1537	2268	$\frac{25}{756}$	$\frac{2}{27}$	$\frac{731}{2268}$	$\frac{1}{3}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
108192	1537	2223	$\frac{2}{57}$	$\frac{55}{741}$	$\frac{686}{2223}$	$\frac{1}{3}$	$\Phi_{2223}\ \Phi_{171}\ \Phi_{117}\ \Phi_{57}\ \Phi_{19}\ \Phi_{9}\ \Phi_{1}$
108193	1537	2187	$\frac{2}{81}$	$\frac{79}{729}$	$\frac{650}{2187}$	$\frac{1}{3}$	$\Phi_{2187}\ \Phi_{81}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
108194	1537	2052	$\frac{2}{171}$	$\frac{169}{684}$	$\frac{515}{2052}$	$\frac{1}{3}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{513}\ \Phi_{171}\ \Phi_{108}\ \Phi_{57}\ \Phi_{54}\ \Phi_{27}\ \Phi_{19}\ \Phi_{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
108195	1537	1620	$\frac{83}{1620}$	$\frac{2}{27}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
108196	1537	108	$\frac{1}{54}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{108}^{18}\ \Phi_{54}^{11}\ \Phi_{36}^{17}\ \Phi_{27}^{11}\ \Phi_{18}^{10}\ \Phi_{12}^{17}\ \Phi_9^{11}\ \Phi_6^{10}\ \Phi_4^{17}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
108197	1537	1836	$\frac{7}{306}$	$\frac{299}{1836}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{204}\ \Phi_{108}\ \Phi_{68}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
108198	1537	1575	$\frac{38}{1575}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{63}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$
108199	1537	1683	$\frac{7}{153}$	$\frac{146}{1683}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{99}\ \Phi_{33}\ \Phi_{11}\ \Phi_9\ \Phi_1$
108200	1537	1620	$\frac{83}{1620}$	$\frac{7}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
108201	1537	1944	$\frac{2}{81}$	$\frac{79}{486}$	$\frac{407}{1944}$	$\frac{1}{3}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
108202	1537	1890	$\frac{25}{378}$	$\frac{2}{27}$	$\frac{353}{1890}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{135}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
108203	1537	1701	$\frac{2}{27}$	$\frac{164}{1701}$	$\frac{25}{189}$	$\frac{1}{3}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{243}\ \Phi_{81}\ \Phi_{27}\ \Phi_9\ \Phi_1$
108204	1537	1728	$\frac{2}{27}$	$\frac{191}{1728}$	$\frac{25}{216}$	$\frac{1}{3}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_9\ \Phi_1$
108205	1537	1980	$\frac{3}{220}$	$\frac{443}{1980}$	$\frac{1}{4}$	$\frac{217}{660}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{20}\ \Phi_{18}\ \Phi_{11}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
108206	1537	2160	$\frac{1}{48}$	$\frac{97}{720}$	$\frac{623}{2160}$	$\frac{47}{144}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
108207	1537	2280	$\frac{17}{760}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{743}{2280}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{120}\ \Phi_{114}\ \Phi_{60}\ \Phi_{57}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
108208	1537	2268	$\frac{25}{756}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{731}{2268}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
108209	1537	2268	$\frac{25}{756}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{731}{2268}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
108210	1537	546	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{25}{78}$	$\Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{78}^3\ \Phi_{42}^3\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{13}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
108211	1537	1248	$\frac{1}{26}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{25}{78}$	$\Phi_{1248}^2\ \Phi_{624}^2\ \Phi_{312}^2\ \Phi_{96}^2\ \Phi_{78}\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
108212	1537	2730	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{25}{78}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{390}\ \Phi_{210}\ \Phi_{195}\ \Phi_{105}\ \Phi_{78}\ \Phi_{39}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
108213	1537	2244	$\frac{41}{748}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{707}{2244}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{561}\ \Phi_{204}\ \Phi_{132}\ \Phi_{102}\ \Phi_{66}\ \Phi_{51}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
108214	1537	64	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{11}{64}$	$\frac{5}{16}$	$\Phi_{64}^{29}\ \Phi_{32}^{18}\ \Phi_{16}^{20}\ \Phi_8^{20}\ \Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^{21}$
108215	1537	168	$\frac{3}{56}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{168}^{14}\ \Phi_{84}^{12}\ \Phi_{56}\ \Phi_{42}^{13}\ \Phi_{28}\ \Phi_{24}^{14}\ \Phi_{21}^{13}\ \Phi_{14}\ \Phi_{12}^{12}\ \Phi_8\ \Phi_7\ \Phi_6^{13}\ \Phi_3^{13}\ \Phi_1$
108216	1537	2730	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{13}{42}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{390}\ \Phi_{210}\ \Phi_{195}\ \Phi_{105}\ \Phi_{65}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
108217	1537	2016	$\frac{25}{504}$	$\frac{1}{12}$	$\frac{479}{2016}$	$\frac{11}{36}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
108218	1537	1620	$\frac{83}{1620}$	$\frac{1}{12}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
108219	1537	1764	$\frac{1}{12}$	$\frac{25}{252}$	$\frac{227}{1764}$	$\frac{11}{36}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
108220	1537	1728	$\frac{1}{12}$	$\frac{191}{1728}$	$\frac{25}{216}$	$\frac{11}{36}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
108221	1537	1596	$\frac{59}{1596}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{228}\ \Phi_{133}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{28}\ \Phi_{19}\ \Phi_{14}\ \Phi_7\ \Phi_1$
108222	1537	2160	$\frac{1}{24}$	$\frac{97}{720}$	$\frac{23}{120}$	$\frac{623}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
108223	1537	2016	$\frac{1}{32}$	$\frac{31}{224}$	$\frac{479}{2016}$	$\frac{193}{672}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
108224	1537	1800	$\frac{1}{24}$	$\frac{263}{1800}$	$\frac{23}{120}$	$\frac{97}{360}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
108225	1537	2100	$\frac{3}{140}$	$\frac{137}{700}$	$\frac{1}{4}$	$\frac{563}{2100}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{75}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
108226	1537	360	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{90}^{6}\ \Phi_{72}^{5}\ \Phi_{45}^{6}\ \Phi_{36}^{5}\ \Phi_{30}^{5}\ \Phi_{18}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
108227	1537	224	$\frac{3}{56}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{224}^{8}\ \Phi_{112}^{8}\ \Phi_{56}^{5}\ \Phi_{32}^{5}\ \Phi_{28}^{5}\ \Phi_{16}^{5}\ \Phi_{14}^{5}\ \Phi_{8}^{2}\ \Phi_{7}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
108228	1537	2016	$\frac{25}{504}$	$\frac{3}{28}$	$\frac{479}{2016}$	$\frac{1}{4}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
108229	1537	416	$\frac{3}{52}$	$\frac{3}{32}$	$\frac{49}{208}$	$\frac{1}{4}$	$\Phi_{416}^{4}\ \Phi_{208}^{3}\ \Phi_{104}^{3}\ \Phi_{52}^{4}\ \Phi_{32}^{5}\ \Phi_{26}^{4}\ \Phi_{16}^{4}\ \Phi_{13}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
108230	1537	1600	$\frac{63}{1600}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
108231	1537	1900	$\frac{17}{380}$	$\frac{3}{20}$	$\frac{363}{1900}$	$\frac{1}{4}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{475}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
108232	1537	2080	$\frac{1}{13}$	$\frac{3}{32}$	$\frac{12}{65}$	$\frac{1}{4}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{160}\ \Phi_{80}\ \Phi_{65}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
108233	1537	280	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{280}^{7}\ \Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{56}\ \Phi_{40}^{7}\ \Phi_{35}^{7}\ \Phi_{28}\ \Phi_{20}^{6}\ \Phi_{14}\ \Phi_{10}^{6}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}^{7}\ \Phi_{1}$
108234	1537	1680	$\frac{143}{1680}$	$\frac{3}{28}$	$\frac{25}{168}$	$\frac{1}{4}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
108235	1537	1764	$\frac{25}{252}$	$\frac{3}{28}$	$\frac{227}{1764}$	$\frac{1}{4}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
108236	1537	1920	$\frac{1}{24}$	$\frac{23}{120}$	$\frac{383}{1920}$	$\frac{97}{480}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
108237	1537	455	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{12}{65}$	$\Phi_{455}^{3}\ \Phi_{91}^{4}\ \Phi_{65}^{4}\ \Phi_{35}^{4}\ \Phi_{13}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{5}\ \Phi_{1}^{5}$
108238	1538	1530	$\frac{4}{765}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{761}{1530}$	$\Phi_{1530}^{2}\ \Phi_{510}^{2}\ \Phi_{306}^{2}\ \Phi_{170}^{2}\ \Phi_{102}^{2}\ \Phi_{90}^{2}\ \Phi_{34}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
108239	1538	924	$\frac{1}{154}$	$\frac{155}{924}$	$\frac{1}{3}$	$\frac{153}{308}$	$\Phi_{924}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{231}^{2}\ \Phi_{154}^{2}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{42}^{2}\ \Phi_{33}^{2}\ \Phi_{28}^{2}\ \Phi_{22}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
108240	1538	4578	$\frac{6}{763}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{757}{1526}$	$\Phi_{4578}\ \Phi_{654}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
108241	1538	2640	$\frac{1}{110}$	$\frac{111}{880}$	$\frac{1}{3}$	$\frac{109}{220}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{165}\ \Phi_{120}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{6}$
108242	1538	4560	$\frac{9}{760}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{751}{1520}$	$\Phi_{4560}\ \Phi_{912}\ \Phi_{240}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
108243	1538	1518	$\frac{10}{759}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{749}{1518}$	$\Phi_{1518}^{2}\ \Phi_{506}^{2}\ \Phi_{138}^{2}\ \Phi_{66}^{2}\ \Phi_{46}^{2}\ \Phi_{33}\ \Phi_{22}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
108244	1538	840	$\frac{1}{70}$	$\frac{71}{840}$	$\frac{1}{3}$	$\frac{69}{140}$	$\Phi_{840}^{2}\ \Phi_{420}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{140}^{2}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{84}\ \Phi_{70}^{2}\ \Phi_{60}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
108245	1538	1512	$\frac{13}{756}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{743}{1512}$	$\Phi_{1512}^{2}\ \Phi_{504}^{2}\ \Phi_{216}^{2}\ \Phi_{168}^{2}\ \Phi_{72}^{2}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{8}^{2}\ \Phi_{6}$
108246	1538	1484	$\frac{1}{53}$	$\frac{27}{742}$	$\frac{715}{1484}$	$\frac{26}{53}$	$\Phi_{1484}^{2}\ \Phi_{212}^{2}\ \Phi_{53}\ \Phi_{28}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
108247	1538	1113	$\frac{1}{53}$	$\frac{27}{371}$	$\frac{344}{1113}$	$\frac{26}{53}$	$\Phi_{1113}^{2}\ \Phi_{159}^{2}\ \Phi_{53}\ \Phi_{21}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
108248	1538	848	$\frac{1}{53}$	$\frac{79}{848}$	$\frac{27}{106}$	$\frac{26}{53}$	$\Phi_{848}^{2}\ \Phi_{424}^{2}\ \Phi_{212}^{2}\ \Phi_{53}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
108249	1538	1508	$\frac{15}{754}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{739}{1508}$	$\Phi_{1508}^{2}\ \Phi_{116}^{2}\ \Phi_{52}^{2}\ \Phi_{29}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
108250	1538	4488	$\frac{21}{748}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{727}{1496}$	$\Phi_{4488}\ \Phi_{408}\ \Phi_{264}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{6}$
108251	1538	1131	$\frac{1}{29}$	$\frac{15}{377}$	$\frac{362}{1131}$	$\frac{14}{29}$	$\Phi_{1131}^{2}\ \Phi_{87}^{2}\ \Phi_{39}^{2}\ \Phi_{29}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
108252	1538	812	$\frac{1}{29}$	$\frac{43}{812}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{812}^{2}\ \Phi_{406}^{2}\ \Phi_{203}^{2}\ \Phi_{116}^{2}\ \Phi_{29}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
108253	1538	1479	$\frac{1}{29}$	$\frac{59}{1479}$	$\frac{28}{87}$	$\frac{710}{1479}$	$\Phi_{1479}\ \Phi_{493}\ \Phi_{87}^{2}\ \Phi_{51}\ \Phi_{29}\ \Phi_{17}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
108254	1538	792	$\frac{23}{792}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{198}^{2}\ \Phi_{132}\ \Phi_{99}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{36}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
108255	1538	1470	$\frac{1}{35}$	$\frac{34}{735}$	$\frac{1}{3}$	$\frac{701}{1470}$	$\Phi_{1470}^{2}\ \Phi_{490}^{2}\ \Phi_{294}^{2}\ \Phi_{210}^{2}\ \Phi_{105}\ \Phi_{98}^{2}\ \Phi_{70}^{2}\ \Phi_{42}^{2}\ \Phi_{30}^{2}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
108256	1538	1044	$\frac{1}{29}$	$\frac{14}{261}$	$\frac{275}{1044}$	$\frac{247}{522}$	$\Phi_{1044}^{2}\ \Phi_{348}^{2}\ \Phi_{261}^{2}\ \Phi_{116}^{2}\ \Phi_{87}^{2}\ \Phi_{36}^{2}\ \Phi_{29}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
108257	1538	2352	$\frac{15}{784}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_6$
108258	1538	1431	$\frac{1}{53}$	$\frac{107}{1431}$	$\frac{52}{159}$	$\frac{662}{1431}$	$\Phi_{1431}\ \Phi_{477}\ \Phi_{159}^2\ \Phi_{53}\ \Phi_{27}\ \Phi_9\ \Phi_3^2\ \Phi_1^2$
108259	1538	4290	$\frac{1}{55}$	$\frac{54}{715}$	$\frac{1}{3}$	$\frac{661}{1430}$	$\Phi_{4290}\ \Phi_{858}\ \Phi_{390}\ \Phi_{330}\ \Phi_{165}\ \Phi_{78}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
108260	1538	1060	$\frac{1}{53}$	$\frac{26}{265}$	$\frac{291}{1060}$	$\frac{239}{530}$	$\Phi_{1060}^2\ \Phi_{265}^2\ \Phi_{212}^2\ \Phi_{53}\ \Phi_{20}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
108261	1538	4200	$\frac{1}{70}$	$\frac{69}{700}$	$\frac{1}{3}$	$\frac{631}{1400}$	$\Phi_{4200}\ \Phi_{840}\ \Phi_{600}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
108262	1538	780	$\frac{11}{780}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
108263	1538	1392	$\frac{1}{29}$	$\frac{73}{696}$	$\frac{14}{87}$	$\frac{623}{1392}$	$\Phi_{1392}^2\ \Phi_{464}^2\ \Phi_{87}^2\ \Phi_{48}^2\ \Phi_{29}\ \Phi_{16}^2\ \Phi_3^2\ \Phi_1^2$
108264	1538	1386	$\frac{1}{77}$	$\frac{76}{693}$	$\frac{1}{3}$	$\frac{617}{1386}$	$\Phi_{1386}^2\ \Phi_{462}^2\ \Phi_{231}\ \Phi_{198}^2\ \Phi_{154}^2\ \Phi_{126}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_2^2$
108265	1538	1325	$\frac{1}{53}$	$\frac{213}{1325}$	$\frac{52}{265}$	$\frac{556}{1325}$	$\Phi_{1325}\ \Phi_{265}^2\ \Phi_{53}\ \Phi_{25}\ \Phi_5^2\ \Phi_1^2$
108266	1538	870	$\frac{1}{29}$	$\frac{101}{870}$	$\frac{14}{87}$	$\frac{73}{174}$	$\Phi_{870}^2\ \Phi_{435}^2\ \Phi_{290}^2\ \Phi_{145}^2\ \Phi_{87}^2\ \Phi_{30}^2\ \Phi_{29}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
108267	1538	954	$\frac{1}{53}$	$\frac{26}{159}$	$\frac{185}{954}$	$\frac{133}{318}$	$\Phi_{954}^2\ \Phi_{477}^2\ \Phi_{159}^2\ \Phi_{53}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
108268	1538	1320	$\frac{1}{110}$	$\frac{109}{660}$	$\frac{1}{3}$	$\frac{551}{1320}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{330}\ \Phi_{264}^2\ \Phi_{165}\ \Phi_{120}^2\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{40}^2\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{15}\ \Phi_8^2\ \Phi_6$
108269	1538	1305	$\frac{1}{29}$	$\frac{28}{261}$	$\frac{233}{1305}$	$\frac{536}{1305}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}^2\ \Phi_{145}\ \Phi_{87}^2\ \Phi_{45}\ \Phi_{29}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
108270	1538	1272	$\frac{1}{53}$	$\frac{26}{159}$	$\frac{133}{636}$	$\frac{503}{1272}$	$\Phi_{1272}^2\ \Phi_{424}^2\ \Phi_{159}^2\ \Phi_{53}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_3^2\ \Phi_1^2$
108271	1538	3696	$\frac{1}{154}$	$\frac{153}{616}$	$\frac{1}{3}$	$\frac{463}{1232}$	$\Phi_{3696}\ \Phi_{528}\ \Phi_{462}\ \Phi_{336}\ \Phi_{231}\ \Phi_{66}\ \Phi_{48}\ \Phi_{42}\ \Phi_{33}\ \Phi_{21}\ \Phi_6$
108272	1538	990	$\frac{1}{110}$	$\frac{221}{990}$	$\frac{109}{330}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_6$
108273	1538	924	$\frac{1}{77}$	$\frac{155}{924}$	$\frac{76}{231}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
108274	1538	1140	$\frac{9}{380}$	$\frac{1}{10}$	$\frac{371}{1140}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}^2\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}^2\ \Phi_{114}\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{60}\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
108275	1538	840	$\frac{1}{35}$	$\frac{71}{840}$	$\frac{34}{105}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
108276	1538	1134	$\frac{13}{378}$	$\frac{1}{14}$	$\frac{365}{1134}$	$\frac{1}{3}$	$\Phi_{1134}^2\ \Phi_{567}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
108277	1538	1122	$\frac{1}{22}$	$\frac{21}{374}$	$\frac{353}{1122}$	$\frac{1}{3}$	$\Phi_{1122}\ \Phi_{561}\ \Phi_{374}^2\ \Phi_{187}^2\ \Phi_{102}\ \Phi_{66}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
108278	1538	798	$\frac{29}{798}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{42}\ \Phi_{38}^2\ \Phi_{21}\ \Phi_{19}^2\ \Phi_6$
108279	1538	792	$\frac{23}{792}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
108280	1538	1050	$\frac{1}{70}$	$\frac{69}{350}$	$\frac{281}{1050}$	$\frac{1}{3}$	$\Phi_{1050}\ \Phi_{525}\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{150}\ \Phi_{105}^2\ \Phi_{75}\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
108281	1538	780	$\frac{11}{780}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
108282	1538	1020	$\frac{4}{255}$	$\frac{1}{5}$	$\frac{251}{1020}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{204}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
108283	1538	3036	$\frac{10}{253}$	$\frac{1}{11}$	$\frac{243}{1012}$	$\frac{1}{3}$	$\Phi_{3036}\ \Phi_{1518}\ \Phi_{276}\ \Phi_{138}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
108284	1538	1008	$\frac{13}{252}$	$\frac{1}{14}$	$\frac{239}{1008}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_6$
108285	1538	2400	$\frac{31}{800}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{96}\ \Phi_{75}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
108286	1538	2940	$\frac{1}{35}$	$\frac{34}{245}$	$\frac{211}{980}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{588}\ \Phi_{420}\ \Phi_{294}\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
108287	1538	2550	$\frac{4}{85}$	$\frac{81}{850}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2550}\ \Phi_{1275}\ \Phi_{510}\ \Phi_{150}\ \Phi_{102}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
108288	1538	810	$\frac{41}{810}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
108289	1538	2850	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{181}{950}$	$\frac{1}{3}$	$\Phi_{2850}\ \Phi_{1425}\ \Phi_{150}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
108290	1538	840	$\frac{1}{14}$	$\frac{71}{840}$	$\frac{13}{84}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6\ \Phi_5^2$
108291	1538	882	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{113}{882}$	$\frac{1}{3}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{294}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
108292	1538	954	$\frac{1}{53}$	$\frac{185}{954}$	$\frac{107}{477}$	$\frac{52}{159}$	$\Phi_{954}^2\ \Phi_{477}\ \Phi_{318}^2\ \Phi_{159}^2\ \Phi_{106}^2\ \Phi_{53}\ \Phi_{18}^2\ \Phi_9\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
108293	1538	1044	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{73}{348}$	$\frac{275}{1044}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{261}^2\ \Phi_{87}^2\ \Phi_{36}^2\ \Phi_{29}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
108294	1539	1360	$\frac{1}{170}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{169}{340}$	$\Phi_{1360}^2\ \Phi_{340}\ \Phi_{272}^2\ \Phi_{80}^2\ \Phi_{68}\ \Phi_{20}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
108295	1539	340	$\frac{1}{170}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{169}{340}$	$\Phi_{340}^5\ \Phi_{170}^4\ \Phi_{85}^4\ \Phi_{68}^5\ \Phi_{34}^4\ \Phi_{20}^5\ \Phi_{17}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
108296	1539	1440	$\frac{1}{80}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{79}{160}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}^2\ \Phi_{160}^3\ \Phi_{96}^2\ \Phi_{36}\ \Phi_{32}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
108297	1539	3360	$\frac{1}{80}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{79}{160}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{224}\ \Phi_{160}\ \Phi_{32}\ \Phi_{21}\ \Phi_7\ \Phi_1$
108298	1539	4320	$\frac{1}{80}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{79}{160}$	$\Phi_{4320}\ \Phi_{864}\ \Phi_{160}\ \Phi_{32}\ \Phi_{27}\ \Phi_1$
108299	1539	480	$\frac{1}{80}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{79}{160}$	$\Phi_{480}^6\ \Phi_{160}^7\ \Phi_{96}^6\ \Phi_{32}^7\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
108300	1539	1456	$\frac{1}{56}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{55}{112}$	$\Phi_{1456}^2\ \Phi_{208}^2\ \Phi_{112}^3\ \Phi_{52}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
108301	1539	1456	$\frac{1}{56}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{55}{112}$	$\Phi_{1456}^2\ \Phi_{208}^2\ \Phi_{112}^3\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_1^3$
108302	1539	560	$\frac{1}{56}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{55}{112}$	$\Phi_{560}^6\ \Phi_{112}^3\ \Phi_{80}^6\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
108303	1539	364	$\frac{1}{28}$	$\frac{1}{26}$	$\frac{9}{28}$	$\frac{25}{52}$	$\Phi_{364}^4\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{52}^5\ \Phi_{28}^6\ \Phi_{26}^4\ \Phi_{14}^6\ \Phi_{13}^4\ \Phi_7^6\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
108304	1539	260	$\frac{1}{26}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{260}^6\ \Phi_{130}^6\ \Phi_{65}^6\ \Phi_{52}^5\ \Phi_{26}^4\ \Phi_{20}^9\ \Phi_{13}^4\ \Phi_{10}^9\ \Phi_5^9\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
108305	1539	1820	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{25}{52}$	$\Phi_{1820}^2\ \Phi_{260}^2\ \Phi_{140}^2\ \Phi_{70}\ \Phi_{52}\ \Phi_{35}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
108306	1539	1092	$\frac{1}{26}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{25}{52}$	$\Phi_{1092}^3\ \Phi_{364}^2\ \Phi_{156}^3\ \Phi_{84}^3\ \Phi_{52}^3\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
108307	1539	832	$\frac{1}{26}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{25}{52}$	$\Phi_{832}^2\ \Phi_{416}^2\ \Phi_{208}^2\ \Phi_{64}^3\ \Phi_{52}\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
108308	1539	360	$\frac{1}{40}$	$\frac{1}{18}$	$\frac{13}{40}$	$\frac{17}{36}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{40}^6\ \Phi_{36}^5\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^6\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^6\ \Phi_9^4\ \Phi_8^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
108309	1539	252	$\frac{1}{28}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^6\ \Phi_{63}^6\ \Phi_{42}^6\ \Phi_{36}^5\ \Phi_{28}^9\ \Phi_{21}^6\ \Phi_{18}^4\ \Phi_{14}^9\ \Phi_{12}^5\ \Phi_9^4\ \Phi_7^9\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
108310	1539	3060	$\frac{4}{85}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{204}\ \Phi_{85}\ \Phi_{68}\ \Phi_{36}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
108311	1539	900	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{19}{100}$	$\frac{17}{36}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{100}^3\ \Phi_{75}^2\ \Phi_{50}^3\ \Phi_{36}\ \Phi_{25}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
108312	1539	288	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{17}{36}$	$\Phi_{288}^6\ \Phi_{144}^4\ \Phi_{96}^6\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{36}^5\ \Phi_{32}^9\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{16}^6\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^6\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
108313	1539	792	$\frac{1}{18}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{17}{36}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{88}^3\ \Phi_{66}^2\ \Phi_{44}^3\ \Phi_{36}\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{12}\ \Phi_{11}^3\ \Phi_4\ \Phi_1$
108314	1539	180	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{17}{36}$	$\Phi_{180}^{16}\ \Phi_{60}^{16}\ \Phi_{36}^{17}\ \Phi_{20}^{16}\ \Phi_{12}^{17}\ \Phi_{10}^8\ \Phi_5^8\ \Phi_4^{17}\ \Phi_2^8\ \Phi_1^9$
108315	1539	1360	$\frac{1}{85}$	$\frac{1}{8}$	$\frac{28}{85}$	$\frac{7}{16}$	$\Phi_{1360}^2\ \Phi_{272}^2\ \Phi_{85}^2\ \Phi_{80}^2\ \Phi_{17}^2\ \Phi_{16}^3\ \Phi_5^2\ \Phi_1^3$
108316	1539	464	$\frac{1}{58}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{464}^6\ \Phi_{116}^2\ \Phi_{58}\ \Phi_{29}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
108317	1539	2800	$\frac{4}{175}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{175}\ \Phi_{112}\ \Phi_{35}\ \Phi_{25}\ \Phi_{16}\ \Phi_7\ \Phi_1$
108318	1539	272	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{11}{68}$	$\frac{7}{16}$	$\Phi_{272}^{10}\ \Phi_{68}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{16}^{11}\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
108319	1539	1360	$\frac{4}{85}$	$\frac{9}{85}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1360}^2\ \Phi_{272}^2\ \Phi_{85}^2\ \Phi_{80}^2\ \Phi_{17}^2\ \Phi_{16}^3\ \Phi_5^2\ \Phi_1^3$
108320	1539	80	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{80}^{34}\ \Phi_{20}^9\ \Phi_{16}^{35}\ \Phi_{10}^8\ \Phi_5^8\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
108321	1539	2992	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2992}\ \Phi_{187}\ \Phi_{176}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
108322	1539	1312	$\frac{1}{82}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1312}^2\ \Phi_{164}^2\ \Phi_{82}\ \Phi_{41}\ \Phi_{32}\ \Phi_4\ \Phi_1$
108323	1539	175	$\frac{4}{175}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{175}^9\ \Phi_{35}^8\ \Phi_{25}^9\ \Phi_7^7\ \Phi_5^9\ \Phi_1^9$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
108324	1539	984	$\frac{1}{82}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{984}^2\ \Phi_{492}^2\ \Phi_{246}^2\ \Phi_{164}^2\ \Phi_{123}^2\ \Phi_{82}\ \Phi_{41}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
108325	1539	928	$\frac{1}{58}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{928}^2\ \Phi_{464}^2\ \Phi_{116}^2\ \Phi_{58}\ \Phi_{32}\ \Phi_{29}\ \Phi_{16}\ \Phi_4\ \Phi_1$
108326	1539	880	$\frac{5}{176}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{176}\ \Phi_{110}^2\ \Phi_{88}\ \Phi_{80}^2\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
108327	1539	1230	$\frac{1}{82}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{410}^2\ \Phi_{246}\ \Phi_{205}^2\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$
108328	1539	406	$\frac{1}{58}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{406}^4\ \Phi_{203}^4\ \Phi_{58}^3\ \Phi_{29}^3\ \Phi_{14}\ \Phi_7^3\ \Phi_1^3$
108329	1539	430	$\frac{1}{43}$	$\frac{1}{10}$	$\frac{14}{43}$	$\frac{29}{86}$	$\Phi_{430}^4\ \Phi_{215}^4\ \Phi_{86}\ \Phi_{43}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1^3$
108330	1539	840	$\frac{1}{40}$	$\frac{2}{21}$	$\frac{13}{40}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
108331	1539	84	$\frac{1}{28}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^{17}\ \Phi_{42}^{17}\ \Phi_{28}^{20}\ \Phi_{21}^{18}\ \Phi_{14}^{20}\ \Phi_{12}^{18}\ \Phi_7^{21}\ \Phi_6^{18}\ \Phi_4^{20}\ \Phi_3^{18}\ \Phi_2^{20}\ \Phi_1^{21}$
108332	1539	1785	$\frac{4}{85}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{119}\ \Phi_{85}\ \Phi_{21}\ \Phi_{17}\ \Phi_7\ \Phi_1$
108333	1539	2100	$\frac{1}{20}$	$\frac{2}{21}$	$\frac{19}{100}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{175}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{21}\ \Phi_7\ \Phi_1$
108334	1539	672	$\frac{1}{16}$	$\frac{2}{21}$	$\frac{5}{32}$	$\frac{1}{3}$	$\Phi_{672}^3\ \Phi_{336}^2\ \Phi_{224}^3\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
108335	1539	1848	$\frac{7}{88}$	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}\ \Phi_{21}\ \Phi_{11}\ \Phi_7\ \Phi_1$
108336	1539	210	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{3}$	$\Phi_{210}^8\ \Phi_{105}^8\ \Phi_{70}^8\ \Phi_{42}^8\ \Phi_{35}^8\ \Phi_{21}^9\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_7^9\ \Phi_5^8\ \Phi_2^8\ \Phi_1^9$
108337	1539	340	$\frac{1}{85}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{28}{85}$	$\Phi_{340}^4\ \Phi_{170}^4\ \Phi_{85}^6\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{20}^4\ \Phi_{17}^6\ \Phi_{10}^4\ \Phi_5^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
108338	1539	769	$\frac{10}{769}$	$\frac{172}{769}$	$\frac{199}{769}$	$\frac{253}{769}$	$\Phi_{769}^2\ \Phi_1^3$
108339	1539	1028	$\frac{7}{514}$	$\frac{115}{514}$	$\frac{1}{4}$	$\frac{169}{514}$	$\Phi_{1028}^2\ \Phi_{514}\ \Phi_{257}\ \Phi_4\ \Phi_1$
108340	1539	1080	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{13}{40}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{40}^2\ \Phi_{27}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
108341	1539	120	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{13}{40}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^{14}\ \Phi_{30}^{12}\ \Phi_{24}^{13}\ \Phi_{20}^{14}\ \Phi_{15}^{12}\ \Phi_{12}^{13}\ \Phi_{10}^{14}\ \Phi_8^{15}\ \Phi_6^{12}\ \Phi_5^{14}\ \Phi_4^{15}\ \Phi_3^{12}\ \Phi_2^{14}\ \Phi_1^{15}$
108342	1539	364	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{28}$	$\Phi_{364}^4\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{52}^4\ \Phi_{28}^6\ \Phi_{26}^4\ \Phi_{14}^6\ \Phi_{13}^6\ \Phi_7^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
108343	1539	140	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{28}$	$\Phi_{140}^{12}\ \Phi_{70}^{12}\ \Phi_{35}^{12}\ \Phi_{28}^6\ \Phi_{20}^{14}\ \Phi_{14}^6\ \Phi_{10}^{13}\ \Phi_7^6\ \Phi_5^{13}\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
108344	1539	769	$\frac{28}{769}$	$\frac{58}{769}$	$\frac{237}{769}$	$\frac{247}{769}$	$\Phi_{769}^2\ \Phi_1^3$
108345	1539	860	$\frac{7}{172}$	$\frac{1}{10}$	$\frac{39}{172}$	$\frac{55}{172}$	$\Phi_{860}^2\ \Phi_{430}^2\ \Phi_{215}^2\ \Phi_{172}\ \Phi_{86}\ \Phi_{43}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
108346	1539	769	$\frac{37}{769}$	$\frac{66}{769}$	$\frac{175}{769}$	$\frac{244}{769}$	$\Phi_{769}^2\ \Phi_1^3$
108347	1539	1028	$\frac{25}{514}$	$\frac{39}{514}$	$\frac{1}{4}$	$\frac{163}{514}$	$\Phi_{1028}^2\ \Phi_{514}\ \Phi_{257}\ \Phi_4\ \Phi_1$
108348	1539	260	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{260}^6\ \Phi_{130}^6\ \Phi_{65}^6\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{20}^9\ \Phi_{13}^6\ \Phi_{10}^9\ \Phi_5^9\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
108349	1539	910	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{13}{70}$	$\frac{4}{13}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{130}^2\ \Phi_{70}^3\ \Phi_{65}^2\ \Phi_{35}^3\ \Phi_{13}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1^3$
108350	1539	273	$\frac{1}{13}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{4}{13}$	$\Phi_{273}^6\ \Phi_{91}^4\ \Phi_{39}^6\ \Phi_{21}^9\ \Phi_{13}^6\ \Phi_7^6\ \Phi_3^9\ \Phi_1^9$
108351	1539	832	$\frac{1}{13}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{4}{13}$	$\Phi_{832}^2\ \Phi_{416}^2\ \Phi_{208}^2\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_1^3$
108352	1539	820	$\frac{1}{20}$	$\frac{7}{82}$	$\frac{19}{82}$	$\frac{25}{82}$	$\Phi_{820}^2\ \Phi_{410}^2\ \Phi_{205}^2\ \Phi_{164}^2\ \Phi_{82}\ \Phi_{41}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
108353	1539	769	$\frac{31}{769}$	$\frac{82}{769}$	$\frac{180}{769}$	$\frac{229}{769}$	$\Phi_{769}^2\ \Phi_1^3$
108354	1539	1028	$\frac{19}{514}$	$\frac{55}{514}$	$\frac{1}{4}$	$\frac{153}{514}$	$\Phi_{1028}^2\ \Phi_{514}\ \Phi_{257}\ \Phi_4\ \Phi_1$
108355	1539	756	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{189}^3\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{28}^3\ \Phi_{27}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
108356	1539	2295	$\frac{4}{85}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{2295}\ \Phi_{459}\ \Phi_{85}\ \Phi_{27}\ \Phi_{17}\ \Phi_1$
108357	1539	2700	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{19}{100}$	$\frac{8}{27}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{100}\ \Phi_{50}\ \Phi_{27}\ \Phi_{25}\ \Phi_1$
108358	1539	864	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{5}{32}$	$\frac{8}{27}$	$\Phi_{864}^3\ \Phi_{432}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{32}^3\ \Phi_{27}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
108359	1539	2376	$\frac{7}{88}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{27}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{88}\ \Phi_{44}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
108360	1539	270	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{270}^8\ \Phi_{135}^8\ \Phi_{54}^8\ \Phi_{27}^9\ \Phi_{10}^8\ \Phi_5^8\ \Phi_2^8\ \Phi_1^9$
108361	1539	116	$\frac{1}{58}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{116}^{14}\ \Phi_{58}^{13}\ \Phi_{29}^{13}\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
108362	1539	700	$\frac{4}{175}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^3\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{25}^3\ \Phi_{14}^2\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
108363	1539	68	$\frac{1}{34}$	$\frac{11}{68}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{68}^{23}\ \Phi_{34}^{22}\ \Phi_{17}^{22}\ \Phi_4^{25}\ \Phi_2^{24}\ \Phi_1^{25}$
108364	1539	340	$\frac{4}{85}$	$\frac{9}{85}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{340}^4\ \Phi_{170}^4\ \Phi_{85}^6\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{20}^4\ \Phi_{17}^6\ \Phi_{10}^4\ \Phi_5^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
108365	1539	20	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{20}^{77}\ \Phi_{10}^{76}\ \Phi_5^{76}\ \Phi_4^{79}\ \Phi_2^{78}\ \Phi_1^{79}$
108366	1539	748	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{748}^2\ \Phi_{374}^2\ \Phi_{187}^3\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
108367	1539	1120	$\frac{3}{56}$	$\frac{1}{10}$	$\frac{53}{224}$	$\frac{1}{4}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{224}\ \Phi_{160}^2\ \Phi_{112}\ \Phi_{80}^2\ \Phi_{32}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
108368	1539	168	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{168}^{12}\ \Phi_{84}^6\ \Phi_{56}^{12}\ \Phi_{42}^6\ \Phi_{28}^9\ \Phi_{24}^9\ \Phi_{21}^6\ \Phi_{14}^9\ \Phi_{12}^5\ \Phi_8^9\ \Phi_7^9\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
108369	1539	140	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{70}$	$\frac{1}{4}$	$\Phi_{140}^{14}\ \Phi_{70}^7\ \Phi_{35}^7\ \Phi_{28}^{16}\ \Phi_{20}^{16}\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_7^8\ \Phi_5^8\ \Phi_4^{17}\ \Phi_2^8\ \Phi_1^9$
108370	1539	420	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{420}^6\ \Phi_{210}^3\ \Phi_{140}^4\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}^6\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{20}^6\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
108371	1539	980	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{25}{196}$	$\frac{1}{4}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{245}^2\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
108372	1539	320	$\frac{1}{10}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{320}^6\ \Phi_{160}^6\ \Phi_{80}^6\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
108373	1539	2040	$\frac{4}{85}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{408}\ \Phi_{340}\ \Phi_{204}\ \Phi_{136}\ \Phi_{85}\ \Phi_{68}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
108374	1539	600	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{19}{100}$	$\frac{5}{24}$	$\Phi_{600}^4\ \Phi_{300}^2\ \Phi_{200}^4\ \Phi_{150}^2\ \Phi_{100}^3\ \Phi_{75}^2\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
108375	1539	96	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{96}^{18}\ \Phi_{48}^{12}\ \Phi_{32}^{21}\ \Phi_{24}^{13}\ \Phi_{16}^{14}\ \Phi_{12}^{13}\ \Phi_8^{15}\ \Phi_6^{12}\ \Phi_4^{15}\ \Phi_3^{12}\ \Phi_2^{14}\ \Phi_1^{15}$
108376	1539	264	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{264}^6\ \Phi_{132}^6\ \Phi_{88}^7\ \Phi_{66}^6\ \Phi_{44}^7\ \Phi_{33}^6\ \Phi_{24}\ \Phi_{22}^7\ \Phi_{12}\ \Phi_{11}^7\ \Phi_8\ \Phi_4\ \Phi_1$
108377	1539	120	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{120}^{16}\ \Phi_{60}^{16}\ \Phi_{40}^{16}\ \Phi_{24}^{17}\ \Phi_{20}^{16}\ \Phi_{12}^{17}\ \Phi_{10}^8\ \Phi_8^{17}\ \Phi_5^8\ \Phi_4^{17}\ \Phi_2^8\ \Phi_1^9$
108378	1540	768	$\frac{1}{384}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{383}{768}$	$\Phi_{768}^4\ \Phi_{256}^4\ \Phi_3\ \Phi_1^2$
108379	1540	2456	$\frac{1}{307}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{153}{307}$	$\Phi_{2456}\ \Phi_{307}\ \Phi_8^2\ \Phi_1^2$
108380	1540	1542	$\frac{1}{257}$	$\frac{129}{514}$	$\frac{1}{3}$	$\frac{128}{257}$	$\Phi_{1542}^2\ \Phi_{771}\ \Phi_6^2$
108381	1540	876	$\frac{1}{219}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{109}{219}$	$\Phi_{876}^3\ \Phi_{292}^3\ \Phi_{219}\ \Phi_{73}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
108382	1540	657	$\frac{1}{219}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{109}{219}$	$\Phi_{657}^3\ \Phi_{219}\ \Phi_{73}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
108383	1540	684	$\frac{1}{171}$	$\frac{43}{342}$	$\frac{299}{684}$	$\frac{85}{171}$	$\Phi_{684}^4\ \Phi_{228}^4\ \Phi_{171}\ \Phi_{76}^4\ \Phi_{57}\ \Phi_{36}^4\ \Phi_{19}\ \Phi_{12}^4\ \Phi_9\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
108384	1540	513	$\frac{1}{171}$	$\frac{128}{513}$	$\frac{43}{171}$	$\frac{85}{171}$	$\Phi_{513}^4\ \Phi_{171}\ \Phi_{57}\ \Phi_{27}^4\ \Phi_{19}\ \Phi_9\ \Phi_3\ \Phi_1^2$
108385	1540	153	$\frac{1}{153}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{76}{153}$	$\Phi_{153}^{10}\ \Phi_{51}^{10}\ \Phi_{17}^{10}\ \Phi_9^{11}\ \Phi_3^{11}\ \Phi_1^{12}$
108386	1540	306	$\frac{1}{153}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{76}{153}$	$\Phi_{306}^6\ \Phi_{153}^4\ \Phi_{102}^6\ \Phi_{51}^4\ \Phi_{34}^6\ \Phi_{18}^6\ \Phi_{17}^4\ \Phi_9^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
108387	1540	1539	$\frac{11}{1539}$	$\frac{155}{1539}$	$\frac{692}{1539}$	$\frac{764}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_9\ \Phi_3\ \Phi_1^2$
108388	1540	2780	$\frac{1}{139}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{69}{139}$	$\Phi_{2780}\ \Phi_{556}\ \Phi_{139}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
108389	1540	2085	$\frac{1}{139}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{69}{139}$	$\Phi_{2085}\ \Phi_{417}\ \Phi_{139}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
108390	1540	1417	$\frac{1}{109}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{54}{109}$	$\Phi_{1417}\ \Phi_{109}^2\ \Phi_{13}^2\ \Phi_1^4$
108391	1540	2616	$\frac{1}{109}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{54}{109}$	$\Phi_{2616}\ \Phi_{1308}\ \Phi_{654}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
108392	1540	618	$\frac{1}{103}$	$\frac{1}{6}$	$\frac{26}{103}$	$\frac{51}{103}$	$\Phi_{618}^3\ \Phi_{309}^3\ \Phi_{206}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
108393	1540	513	$\frac{5}{513}$	$\frac{37}{513}$	$\frac{238}{513}$	$\frac{254}{513}$	$\Phi_{513}^3\ \Phi_{171}^3\ \Phi_{57}^3\ \Phi_{27}^3\ \Phi_{19}^3\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
108394	1540	1539	$\frac{17}{1539}$	$\frac{230}{1539}$	$\frac{389}{1539}$	$\frac{761}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_9\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
108395	1540	771	$\frac{3}{257}$	$\frac{26}{257}$	$\frac{1}{3}$	$\frac{127}{257}$	$\Phi_{771}^{3}\ \Phi_{3}^{2}$
108396	1540	729	$\frac{1}{81}$	$\frac{41}{729}$	$\frac{344}{729}$	$\frac{40}{81}$	$\Phi_{729}^{2}\ \Phi_{243}^{2}\ \Phi_{81}^{3}\ \Phi_{27}^{3}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
108397	1540	486	$\frac{1}{81}$	$\frac{41}{243}$	$\frac{101}{486}$	$\frac{40}{81}$	$\Phi_{486}^{4}\ \Phi_{243}^{2}\ \Phi_{162}^{4}\ \Phi_{81}^{3}\ \Phi_{54}^{4}\ \Phi_{27}^{3}\ \Phi_{18}^{4}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
108398	1540	152	$\frac{1}{76}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{75}{152}$	$\Phi_{152}^{20}\ \Phi_{19}\ \Phi_{8}^{20}\ \Phi_{1}^{2}$
108399	1540	5016	$\frac{1}{76}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{75}{152}$	$\Phi_{5016}\ \Phi_{264}\ \Phi_{33}$
108400	1540	152	$\frac{1}{76}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{75}{152}$	$\Phi_{152}^{20}\ \Phi_{19}\ \Phi_{8}^{20}\ \Phi_{1}^{2}$
108401	1540	2280	$\frac{1}{76}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{75}{152}$	$\Phi_{2280}^{2}\ \Phi_{760}\ \Phi_{120}^{2}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
108402	1540	1768	$\frac{3}{221}$	$\frac{1}{8}$	$\frac{56}{221}$	$\frac{109}{221}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{442}\ \Phi_{136}\ \Phi_{104}\ \Phi_{68}\ \Phi_{52}\ \Phi_{34}\ \Phi_{26}$
108403	1540	483	$\frac{1}{69}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{34}{69}$	$\Phi_{483}^{3}\ \Phi_{161}^{3}\ \Phi_{69}^{4}\ \Phi_{23}^{4}\ \Phi_{21}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
108404	1540	276	$\frac{1}{69}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{34}{69}$	$\Phi_{276}^{6}\ \Phi_{138}^{6}\ \Phi_{92}^{6}\ \Phi_{69}^{4}\ \Phi_{46}^{6}\ \Phi_{23}^{4}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
108405	1540	966	$\frac{1}{69}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{34}{69}$	$\Phi_{966}^{2}\ \Phi_{483}\ \Phi_{322}^{2}\ \Phi_{161}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{42}^{2}\ \Phi_{23}^{2}\ \Phi_{21}\ \Phi_{14}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
108406	1540	1539	$\frac{23}{1539}$	$\frac{71}{1539}$	$\frac{734}{1539}$	$\frac{758}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
108407	1540	1539	$\frac{25}{1539}$	$\frac{164}{1539}$	$\frac{391}{1539}$	$\frac{757}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
108408	1540	771	$\frac{13}{771}$	$\frac{56}{771}$	$\frac{1}{3}$	$\frac{379}{771}$	$\Phi_{771}^{2}\ \Phi_{257}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
108409	1540	741	$\frac{1}{57}$	$\frac{29}{741}$	$\frac{356}{741}$	$\frac{28}{57}$	$\Phi_{741}^{2}\ \Phi_{247}^{2}\ \Phi_{57}^{3}\ \Phi_{39}^{2}\ \Phi_{19}^{3}\ \Phi_{13}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
108410	1540	108	$\frac{1}{54}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{53}{108}$	$\Phi_{108}^{28}\ \Phi_{36}^{28}\ \Phi_{27}\ \Phi_{12}^{28}\ \Phi_{9}\ \Phi_{4}^{28}\ \Phi_{3}\ \Phi_{1}^{2}$
108411	1540	540	$\frac{1}{54}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{53}{108}$	$\Phi_{540}^{6}\ \Phi_{180}^{6}\ \Phi_{108}^{4}\ \Phi_{60}^{6}\ \Phi_{36}^{4}\ \Phi_{20}^{6}\ \Phi_{15}^{2}\ \Phi_{12}^{4}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
108412	1540	108	$\frac{1}{54}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{53}{108}$	$\Phi_{108}^{28}\ \Phi_{36}^{28}\ \Phi_{12}^{28}\ \Phi_{9}^{3}\ \Phi_{4}^{28}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
108413	1540	1080	$\frac{1}{54}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{53}{108}$	$\Phi_{1080}^{2}\ \Phi_{540}\ \Phi_{360}^{2}\ \Phi_{270}^{2}\ \Phi_{180}\ \Phi_{135}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{60}\ \Phi_{45}^{2}\ \Phi_{40}^{3}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
108414	1540	564	$\frac{1}{47}$	$\frac{1}{12}$	$\frac{12}{47}$	$\frac{23}{47}$	$\Phi_{564}^{3}\ \Phi_{282}^{3}\ \Phi_{188}^{3}\ \Phi_{141}^{3}\ \Phi_{94}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
108415	1540	2924	$\frac{1}{43}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{21}{43}$	$\Phi_{2924}\ \Phi_{172}\ \Phi_{68}^{2}\ \Phi_{43}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
108416	1540	2193	$\frac{1}{43}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{21}{43}$	$\Phi_{2193}\ \Phi_{129}\ \Phi_{51}^{2}\ \Phi_{43}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
108417	1540	731	$\frac{1}{43}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{21}{43}$	$\Phi_{731}^{2}\ \Phi_{43}^{3}\ \Phi_{17}^{4}\ \Phi_{1}^{6}$
108418	1540	1032	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{21}{43}$	$\Phi_{1032}^{2}\ \Phi_{516}^{2}\ \Phi_{344}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{43}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
108419	1540	1539	$\frac{41}{1539}$	$\frac{104}{1539}$	$\frac{395}{1539}$	$\frac{749}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
108420	1540	1050	$\frac{2}{75}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{1050}^{3}\ \Phi_{350}^{3}\ \Phi_{210}^{3}\ \Phi_{150}^{2}\ \Phi_{70}^{3}\ \Phi_{50}^{2}\ \Phi_{42}^{3}\ \Phi_{30}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
108421	1540	1650	$\frac{2}{75}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{73}{150}$	$\Phi_{1650}^{2}\ \Phi_{550}^{2}\ \Phi_{330}^{2}\ \Phi_{110}^{2}\ \Phi_{66}^{2}\ \Phi_{55}\ \Phi_{22}^{2}$
108422	1540	1110	$\frac{1}{37}$	$\frac{1}{15}$	$\frac{19}{74}$	$\frac{18}{37}$	$\Phi_{1110}^{2}\ \Phi_{555}\ \Phi_{370}^{2}\ \Phi_{222}^{2}\ \Phi_{185}\ \Phi_{111}\ \Phi_{30}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}$
108423	1540	771	$\frac{7}{257}$	$\frac{12}{257}$	$\frac{1}{3}$	$\frac{125}{257}$	$\Phi_{771}^{3}\ \Phi_{3}^{2}$
108424	1540	4692	$\frac{1}{34}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{4692}\ \Phi_{276}\ \Phi_{69}$
108425	1540	2924	$\frac{1}{34}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{33}{68}$	$\Phi_{2924}\ \Phi_{172}\ \Phi_{68}^{2}\ \Phi_{43}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
108426	1540	1020	$\frac{1}{34}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{33}{68}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{340}\ \Phi_{255}^{2}\ \Phi_{170}^{2}\ \Phi_{85}^{2}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
108427	1540	1023	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{16}{93}$	$\frac{15}{31}$	$\Phi_{1023}^{2}\ \Phi_{341}\ \Phi_{33}^{2}$
108428	1540	513	$\frac{2}{57}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{513}^{3}\ \Phi_{171}^{3}\ \Phi_{57}^{4}\ \Phi_{27}\ \Phi_{19}^{4}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
108429	1540	81	$\frac{1}{27}$	$\frac{1}{27}$	$\frac{26}{81}$	$\frac{13}{27}$	$\Phi_{81}^{28}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
108430	1540	81	$\frac{1}{27}$	$\frac{4}{81}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{81}^{20}\ \Phi_{27}^{17}\ \Phi_{9}^{17}\ \Phi_{3}^{17}\ \Phi_{1}^{18}$
108431	1540	216	$\frac{1}{27}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{13}{27}$	$\Phi_{216}^{9}\ \Phi_{108}^{9}\ \Phi_{72}^{10}\ \Phi_{36}^{10}\ \Phi_{27}\ \Phi_{24}^{10}\ \Phi_{12}^{10}\ \Phi_{9}\ \Phi_{8}^{10}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
108432	1540	27	$\frac{1}{27}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{13}{27}$	$\Phi_{27}^{57}\ \Phi_{9}^{57}\ \Phi_{3}^{57}\ \Phi_{1}^{58}$
108433	1540	108	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{13}{27}$	$\Phi_{108}^{15}\ \Phi_{54}^{12}\ \Phi_{36}^{15}\ \Phi_{27}^{13}\ \Phi_{18}^{12}\ \Phi_{12}^{20}\ \Phi_{9}^{13}\ \Phi_{6}^{16}\ \Phi_{4}^{20}\ \Phi_{3}^{17}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
108434	1540	432	$\frac{1}{27}$	$\frac{47}{432}$	$\frac{7}{54}$	$\frac{13}{27}$	$\Phi_{432}^{4}\ \Phi_{216}^{4}\ \Phi_{144}^{4}\ \Phi_{108}^{4}\ \Phi_{72}^{4}\ \Phi_{48}^{4}\ \Phi_{36}^{4}\ \Phi_{27}\ \Phi_{24}^{4}\ \Phi_{16}^{4}\ \Phi_{12}^{4}\ \Phi_{9}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
108435	1540	189	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{13}{27}$	$\Phi_{189}^{9}\ \Phi_{63}^{10}\ \Phi_{27}\ \Phi_{21}^{10}\ \Phi_{9}\ \Phi_{7}^{10}\ \Phi_{3}\ \Phi_{1}^{2}$
108436	1540	2184	$\frac{1}{26}$	$\frac{1}{21}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{182}\ \Phi_{168}\ \Phi_{91}\ \Phi_{78}\ \Phi_{56}\ \Phi_{42}\ \Phi_{39}\ \Phi_{24}\ \Phi_{14}\ \Phi_{6}$
108437	1540	1539	$\frac{61}{1539}$	$\frac{160}{1539}$	$\frac{197}{1539}$	$\frac{739}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
108438	1540	1768	$\frac{9}{221}$	$\frac{23}{221}$	$\frac{1}{8}$	$\frac{106}{221}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{442}\ \Phi_{136}\ \Phi_{104}\ \Phi_{68}\ \Phi_{52}\ \Phi_{34}\ \Phi_{26}$
108439	1540	618	$\frac{13}{309}$	$\frac{23}{309}$	$\frac{1}{6}$	$\frac{148}{309}$	$\Phi_{618}^{3}\ \Phi_{309}^{2}\ \Phi_{206}^{3}\ \Phi_{103}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
108440	1540	252	$\frac{1}{36}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{84}^{6}\ \Phi_{63}^{6}\ \Phi_{42}^{6}\ \Phi_{36}^{8}\ \Phi_{28}^{6}\ \Phi_{21}^{4}\ \Phi_{18}^{8}\ \Phi_{14}^{6}\ \Phi_{12}^{8}\ \Phi_{9}^{8}\ \Phi_{7}^{4}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
108441	1540	966	$\frac{1}{23}$	$\frac{1}{21}$	$\frac{11}{46}$	$\frac{10}{21}$	$\Phi_{966}^{2}\ \Phi_{483}\ \Phi_{322}^{2}\ \Phi_{161}\ \Phi_{138}^{2}\ \Phi_{69}\ \Phi_{46}^{4}\ \Phi_{42}^{2}\ \Phi_{23}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
108442	1540	483	$\frac{1}{21}$	$\frac{4}{69}$	$\frac{13}{69}$	$\frac{10}{21}$	$\Phi_{483}^{3}\ \Phi_{161}^{3}\ \Phi_{69}^{4}\ \Phi_{23}^{4}\ \Phi_{21}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
108443	1540	210	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{10}{21}$	$\Phi_{210}^{9}\ \Phi_{105}^{6}\ \Phi_{70}^{9}\ \Phi_{42}^{6}\ \Phi_{35}^{6}\ \Phi_{30}^{12}\ \Phi_{21}^{4}\ \Phi_{15}^{8}\ \Phi_{14}^{6}\ \Phi_{10}^{12}\ \Phi_{7}^{4}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
108444	1540	483	$\frac{1}{21}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{10}{21}$	$\Phi_{483}^{3}\ \Phi_{161}^{3}\ \Phi_{69}^{3}\ \Phi_{23}^{6}\ \Phi_{21}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
108445	1540	1848	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{10}{21}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}^{2}\ \Phi_{66}\ \Phi_{44}^{2}\ \Phi_{22}^{2}$
108446	1540	114	$\frac{1}{38}$	$\frac{1}{19}$	$\frac{37}{114}$	$\frac{9}{19}$	$\Phi_{114}^{20}\ \Phi_{57}^{20}\ \Phi_{19}\ \Phi_{6}^{20}\ \Phi_{3}^{20}\ \Phi_{1}^{2}$
108447	1540	57	$\frac{2}{57}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{57}^{28}\ \Phi_{19}^{25}\ \Phi_{3}^{28}\ \Phi_{1}^{26}$
108448	1540	1520	$\frac{3}{80}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{304}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{19}\ \Phi_{16}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
108449	1540	95	$\frac{1}{19}$	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{9}{19}$	$\Phi_{95}^{20}\ \Phi_{19}\ \Phi_{5}^{20}\ \Phi_{1}^{2}$
108450	1540	456	$\frac{1}{19}$	$\frac{5}{76}$	$\frac{71}{456}$	$\frac{9}{19}$	$\Phi_{456}^{4}\ \Phi_{228}^{4}\ \Phi_{152}^{4}\ \Phi_{114}^{4}\ \Phi_{57}^{4}\ \Phi_{24}^{4}\ \Phi_{19}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
108451	1540	38	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{9}{19}$	$\Phi_{38}^{40}\ \Phi_{19}^{41}\ \Phi_{2}^{40}\ \Phi_{1}^{42}$
108452	1540	456	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{9}{19}$	$\Phi_{456}^{4}\ \Phi_{228}^{3}\ \Phi_{152}^{3}\ \Phi_{114}^{3}\ \Phi_{76}^{2}\ \Phi_{57}^{3}\ \Phi_{38}^{2}\ \Phi_{24}^{8}\ \Phi_{19}^{3}\ \Phi_{12}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
108453	1540	171	$\frac{1}{19}$	$\frac{17}{171}$	$\frac{2}{19}$	$\frac{9}{19}$	$\Phi_{171}^{10}\ \Phi_{57}^{10}\ \Phi_{19}\ \Phi_{9}^{10}\ \Phi_{3}^{10}\ \Phi_{1}^{2}$
108454	1540	3016	$\frac{1}{29}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{3016}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}$
108455	1540	104	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{49}{104}$	$\Phi_{104}^{13}\ \Phi_{52}^{17}\ \Phi_{26}^{17}\ \Phi_{13}^{16}\ \Phi_{8}^{12}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
108456	1540	1539	$\frac{74}{1539}$	$\frac{89}{1539}$	$\frac{293}{1539}$	$\frac{725}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
108457	1540	952	$\frac{1}{17}$	$\frac{9}{119}$	$\frac{1}{8}$	$\frac{8}{17}$	$\Phi_{952}^{2}\ \Phi_{476}^{2}\ \Phi_{238}^{2}\ \Phi_{136}\ \Phi_{68}\ \Phi_{56}^{2}\ \Phi_{34}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
108458	1540	990	$\frac{1}{45}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{990}^{3}\ \Phi_{330}^{3}\ \Phi_{198}^{3}\ \Phi_{110}^{3}\ \Phi_{90}^{3}\ \Phi_{66}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{3}\ \Phi_{22}^{2}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
108459	1540	564	$\frac{3}{47}$	$\frac{1}{12}$	$\frac{5}{47}$	$\frac{22}{47}$	$\Phi_{564}^{3}\ \Phi_{282}^{3}\ \Phi_{188}^{3}\ \Phi_{141}^{3}\ \Phi_{94}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
108460	1540	1539	$\frac{101}{1539}$	$\frac{125}{1539}$	$\frac{164}{1539}$	$\frac{719}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
108461	1540	180	$\frac{1}{36}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{180}^{9}\ \Phi_{90}^{9}\ \Phi_{60}^{9}\ \Phi_{45}^{9}\ \Phi_{36}^{8}\ \Phi_{30}^{9}\ \Phi_{20}^{9}\ \Phi_{18}^{8}\ \Phi_{15}^{6}\ \Phi_{12}^{8}\ \Phi_{10}^{9}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
108462	1540	618	$\frac{5}{103}$	$\frac{7}{103}$	$\frac{1}{6}$	$\frac{48}{103}$	$\Phi_{618}^{3}\ \Phi_{309}^{3}\ \Phi_{206}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
108463	1540	1008	$\frac{1}{21}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{1008}^{3}\ \Phi_{336}^{3}\ \Phi_{144}^{2}\ \Phi_{112}^{3}\ \Phi_{48}^{2}\ \Phi_{42}^{3}\ \Phi_{21}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
108464	1540	1539	$\frac{59}{1539}$	$\frac{113}{1539}$	$\frac{296}{1539}$	$\frac{713}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
108465	1540	2184	$\frac{1}{56}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{168}^{2}\ \Phi_{156}\ \Phi_{84}^{2}\ \Phi_{78}\ \Phi_{42}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
108466	1540	1417	$\frac{4}{109}$	$\frac{1}{13}$	$\frac{21}{109}$	$\frac{6}{13}$	$\Phi_{1417}\ \Phi_{109}^2\ \Phi_{13}^2\ \Phi_1^4$
108467	1540	1794	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{1794}\ \Phi_{897}\ \Phi_{598}\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2$
108468	1540	936	$\frac{7}{117}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{6}{13}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{104}\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{52}\ \Phi_{36}^2\ \Phi_{26}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
108469	1540	1417	$\frac{1}{13}$	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{6}{13}$	$\Phi_{1417}\ \Phi_{109}^2\ \Phi_{13}^2\ \Phi_1^4$
108470	1540	1716	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{6}{13}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{286}\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2$
108471	1540	408	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{1}{8}$	$\frac{47}{102}$	$\Phi_{408}^4\ \Phi_{204}^4\ \Phi_{136}^5\ \Phi_{68}^5\ \Phi_{51}^4\ \Phi_{34}\ \Phi_{24}^4\ \Phi_{17}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
108472	1540	1539	$\frac{83}{1539}$	$\frac{121}{1539}$	$\frac{208}{1539}$	$\frac{709}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_9\ \Phi_3\ \Phi_1^2$
108473	1540	285	$\frac{2}{57}$	$\frac{23}{285}$	$\frac{11}{57}$	$\frac{131}{285}$	$\Phi_{285}^5\ \Phi_{95}^5\ \Phi_{57}^7\ \Phi_{19}^7\ \Phi_{15}^5\ \Phi_5^5\ \Phi_3^7\ \Phi_1^8$
108474	1540	555	$\frac{1}{15}$	$\frac{3}{37}$	$\frac{4}{37}$	$\frac{17}{37}$	$\Phi_{555}^3\ \Phi_{185}^3\ \Phi_{111}^3\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2$
108475	1540	1539	$\frac{119}{1539}$	$\frac{127}{1539}$	$\frac{142}{1539}$	$\frac{706}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_9\ \Phi_3\ \Phi_1^2$
108476	1540	720	$\frac{1}{45}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{720}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
108477	1540	1705	$\frac{12}{155}$	$\frac{13}{155}$	$\frac{1}{11}$	$\frac{71}{155}$	$\Phi_{1705}\ \Phi_{341}\ \Phi_{55}$
108478	1540	1539	$\frac{98}{1539}$	$\frac{131}{1539}$	$\frac{167}{1539}$	$\frac{704}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_9\ \Phi_3\ \Phi_1^2$
108479	1540	1768	$\frac{12}{221}$	$\frac{19}{221}$	$\frac{1}{8}$	$\frac{101}{221}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{442}\ \Phi_{136}\ \Phi_{104}\ \Phi_{68}\ \Phi_{52}\ \Phi_{34}\ \Phi_{26}$
108480	1540	81	$\frac{4}{81}$	$\frac{7}{81}$	$\frac{11}{81}$	$\frac{37}{81}$	$\Phi_{81}^{19}\ \Phi_{27}^{19}\ \Phi_9^{19}\ \Phi_3^{19}\ \Phi_1^{20}$
108481	1540	618	$\frac{4}{103}$	$\frac{9}{103}$	$\frac{1}{6}$	$\frac{47}{103}$	$\Phi_{618}^3\ \Phi_{309}^3\ \Phi_{206}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
108482	1540	1539	$\frac{32}{1539}$	$\frac{137}{1539}$	$\frac{419}{1539}$	$\frac{701}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_9\ \Phi_3\ \Phi_1^2$
108483	1540	771	$\frac{4}{257}$	$\frac{23}{257}$	$\frac{1}{3}$	$\frac{117}{257}$	$\Phi_{771}^3\ \Phi_3^2$
108484	1540	513	$\frac{40}{513}$	$\frac{43}{513}$	$\frac{47}{513}$	$\frac{233}{513}$	$\Phi_{513}^3\ \Phi_{171}^3\ \Phi_{57}^3\ \Phi_{27}^3\ \Phi_{19}^3\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
108485	1540	564	$\frac{11}{141}$	$\frac{1}{12}$	$\frac{13}{141}$	$\frac{64}{141}$	$\Phi_{564}^3\ \Phi_{282}^3\ \Phi_{188}^3\ \Phi_{141}^2\ \Phi_{94}^3\ \Phi_{47}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
108486	1540	2880	$\frac{1}{45}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
108487	1540	1768	$\frac{11}{221}$	$\frac{21}{221}$	$\frac{1}{8}$	$\frac{100}{221}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{442}\ \Phi_{136}\ \Phi_{104}\ \Phi_{68}\ \Phi_{52}\ \Phi_{34}\ \Phi_{26}$
108488	1540	4260	$\frac{1}{71}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{4260}\ \Phi_{852}\ \Phi_{213}$
108489	1540	2780	$\frac{3}{139}$	$\frac{1}{10}$	$\frac{34}{139}$	$\frac{9}{20}$	$\Phi_{2780}\ \Phi_{556}\ \Phi_{139}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
108490	1540	180	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{180}^9\ \Phi_{90}^9\ \Phi_{60}^9\ \Phi_{45}^9\ \Phi_{36}^8\ \Phi_{30}^9\ \Phi_{20}^5\ \Phi_{18}^8\ \Phi_{15}^9\ \Phi_{12}^8\ \Phi_{10}^9\ \Phi_9^8\ \Phi_6^8\ \Phi_5^8\ \Phi_4^4\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
108491	1540	2780	$\frac{4}{139}$	$\frac{1}{10}$	$\frac{27}{139}$	$\frac{9}{20}$	$\Phi_{2780}\ \Phi_{556}\ \Phi_{139}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
108492	1540	1740	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{1740}^2\ \Phi_{580}\ \Phi_{348}^2\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}$
108493	1540	2780	$\frac{6}{139}$	$\frac{1}{10}$	$\frac{19}{139}$	$\frac{9}{20}$	$\Phi_{2780}\ \Phi_{556}\ \Phi_{139}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
108494	1540	840	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{840}^2\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^3\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^3\ \Phi_3^2$
108495	1540	2780	$\frac{9}{139}$	$\frac{13}{139}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{2780}\ \Phi_{556}\ \Phi_{139}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
108496	1540	660	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{660}^5\ \Phi_{220}^4\ \Phi_{165}\ \Phi_{132}^5\ \Phi_{55}\ \Phi_{44}^4\ \Phi_{33}$
108497	1540	1624	$\frac{1}{56}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{1624}\ \Phi_{812}\ \Phi_{406}\ \Phi_{232}\ \Phi_{203}\ \Phi_{116}\ \Phi_{58}$
108498	1540	234	$\frac{1}{78}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{234}^6\ \Phi_{117}^6\ \Phi_{78}^8\ \Phi_{39}^8\ \Phi_{26}^8\ \Phi_{18}^6\ \Phi_{13}^8\ \Phi_9^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
108499	1540	306	$\frac{1}{51}$	$\frac{1}{9}$	$\frac{25}{102}$	$\frac{4}{9}$	$\Phi_{306}^6\ \Phi_{153}^3\ \Phi_{102}^8\ \Phi_{51}^4\ \Phi_{34}^8\ \Phi_{18}^6\ \Phi_{17}^4\ \Phi_9^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
108500	1540	108	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{108}^{18}\ \Phi_{54}^{18}\ \Phi_{36}^8\ \Phi_{27}^{16}\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
108501	1540	459	$\frac{5}{153}$	$\frac{1}{9}$	$\frac{74}{459}$	$\frac{4}{9}$	$\Phi_{459}^4\ \Phi_{153}^2\ \Phi_{51}^2\ \Phi_{27}^4\ \Phi_{17}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
108502	1540	153	$\frac{2}{51}$	$\frac{1}{9}$	$\frac{7}{51}$	$\frac{4}{9}$	$\Phi_{153}^9\ \Phi_{51}^{12}\ \Phi_{17}^{12}\ \Phi_9^{10}\ \Phi_3^{13}\ \Phi_1^{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
108503	1540	1656	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{46}^2$
108504	1540	81	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{81}^{20}\ \Phi_{27}^{20}\ \Phi_{9}^{11}\ \Phi_{3}^{11}\ \Phi_{1}^{12}$
108505	1540	765	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}\ \Phi_{85}^4\ \Phi_{51}\ \Phi_{45}^2\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_{9}^2\ \Phi_{5}^4\ \Phi_{3}^2\ \Phi_{1}^4$
108506	1540	153	$\frac{10}{153}$	$\frac{13}{153}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{153}^{10}\ \Phi_{51}^{10}\ \Phi_{17}^{10}\ \Phi_{9}^{11}\ \Phi_{3}^{11}\ \Phi_{1}^{12}$
108507	1540	180	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{180}^9\ \Phi_{90}^9\ \Phi_{60}^{12}\ \Phi_{45}^6\ \Phi_{36}^6\ \Phi_{30}^{12}\ \Phi_{20}^{12}\ \Phi_{18}^6\ \Phi_{15}^8\ \Phi_{12}^8\ \Phi_{10}^{12}\ \Phi_{9}^4\ \Phi_{6}^8\ \Phi_{5}^8\ \Phi_{4}^8\ \Phi_{3}^5\ \Phi_{2}^8\ \Phi_{1}^6$
108508	1540	513	$\frac{13}{513}$	$\frac{59}{513}$	$\frac{100}{513}$	$\frac{227}{513}$	$\Phi_{513}^3\ \Phi_{171}^3\ \Phi_{57}^3\ \Phi_{27}^3\ \Phi_{19}^3\ \Phi_{9}^3\ \Phi_{3}^3\ \Phi_{1}^4$
108509	1540	2842	$\frac{1}{29}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{2842}\ \Phi_{406}\ \Phi_{203}\ \Phi_{58}$
108510	1540	57	$\frac{2}{57}$	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{25}{57}$	$\Phi_{57}^{27}\ \Phi_{19}^{27}\ \Phi_{3}^{27}\ \Phi_{1}^{28}$
108511	1540	1856	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}$
108512	1540	684	$\frac{1}{57}$	$\frac{43}{342}$	$\frac{14}{57}$	$\frac{299}{684}$	$\Phi_{684}^4\ \Phi_{228}^4\ \Phi_{76}^4\ \Phi_{57}^3\ \Phi_{36}^4\ \Phi_{19}^3\ \Phi_{12}^4\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{1}^4$
108513	1540	1633	$\frac{1}{23}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{31}{71}$	Φ_{1633}
108514	1540	1539	$\frac{79}{1539}$	$\frac{146}{1539}$	$\frac{199}{1539}$	$\frac{670}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
108515	1540	513	$\frac{29}{513}$	$\frac{44}{513}$	$\frac{67}{513}$	$\frac{223}{513}$	$\Phi_{513}^3\ \Phi_{171}^3\ \Phi_{57}^3\ \Phi_{27}^3\ \Phi_{19}^3\ \Phi_{9}^3\ \Phi_{3}^3\ \Phi_{1}^4$
108516	1540	564	$\frac{8}{141}$	$\frac{1}{12}$	$\frac{19}{141}$	$\frac{61}{141}$	$\Phi_{564}^3\ \Phi_{282}^3\ \Phi_{188}^3\ \Phi_{141}^2\ \Phi_{94}^3\ \Phi_{47}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
108517	1540	1705	$\frac{8}{155}$	$\frac{1}{11}$	$\frac{21}{155}$	$\frac{67}{155}$	$\Phi_{1705}\ \Phi_{341}\ \Phi_{55}$
108518	1540	1539	$\frac{62}{1539}$	$\frac{175}{1539}$	$\frac{211}{1539}$	$\frac{664}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
108519	1540	618	$\frac{8}{309}$	$\frac{43}{309}$	$\frac{1}{6}$	$\frac{133}{309}$	$\Phi_{618}^3\ \Phi_{309}^2\ \Phi_{206}^3\ \Phi_{103}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
108520	1540	1539	$\frac{20}{1539}$	$\frac{217}{1539}$	$\frac{439}{1539}$	$\frac{661}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
108521	1540	771	$\frac{8}{771}$	$\frac{109}{771}$	$\frac{1}{3}$	$\frac{331}{771}$	$\Phi_{771}^2\ \Phi_{257}^2\ \Phi_{3}\ \Phi_{1}^2$
108522	1540	546	$\frac{1}{78}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{546}^3\ \Phi_{273}^3\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{78}^2\ \Phi_{42}^3\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{13}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{2}^2$
108523	1540	2784	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}$
108524	1540	444	$\frac{1}{111}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{444}^6\ \Phi_{148}^6\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_{12}^4\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{1}^2$
108525	1540	876	$\frac{1}{73}$	$\frac{1}{6}$	$\frac{18}{73}$	$\frac{5}{12}$	$\Phi_{876}^3\ \Phi_{292}^3\ \Phi_{73}^3\ \Phi_{12}^4\ \Phi_{4}^4\ \Phi_{1}^4$
108526	1540	840	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^3\ \Phi_{210}^2\ \Phi_{140}^3\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{70}^3\ \Phi_{60}\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_{5}^2$
108527	1540	876	$\frac{4}{219}$	$\frac{1}{6}$	$\frac{43}{219}$	$\frac{5}{12}$	$\Phi_{876}^3\ \Phi_{292}^3\ \Phi_{219}\ \Phi_{73}\ \Phi_{12}^4\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{1}^2$
108528	1540	180	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{180}^{15}\ \Phi_{90}^3\ \Phi_{60}^{15}\ \Phi_{45}^2\ \Phi_{36}^{15}\ \Phi_{30}^3\ \Phi_{20}^{15}\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}^{10}\ \Phi_{10}^3\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
108529	1540	876	$\frac{3}{73}$	$\frac{7}{73}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{876}^3\ \Phi_{292}^3\ \Phi_{73}^3\ \Phi_{12}^4\ \Phi_{4}^4\ \Phi_{1}^4$
108530	1540	3036	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3036}\ \Phi_{1012}\ \Phi_{253}$
108531	1540	876	$\frac{10}{219}$	$\frac{19}{219}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{876}^3\ \Phi_{292}^3\ \Phi_{219}\ \Phi_{73}\ \Phi_{12}^4\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{1}^2$
108532	1540	84	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{84}^{18}\ \Phi_{42}^{21}\ \Phi_{28}^{18}\ \Phi_{21}^{20}\ \Phi_{14}^{21}\ \Phi_{12}^{12}\ \Phi_{7}^{20}\ \Phi_{6}^{14}\ \Phi_{4}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
108533	1540	1539	$\frac{41}{1539}$	$\frac{214}{1539}$	$\frac{265}{1539}$	$\frac{637}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
108534	1540	1539	$\frac{65}{1539}$	$\frac{134}{1539}$	$\frac{281}{1539}$	$\frac{629}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
108535	1540	1633	$\frac{1}{23}$	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{29}{71}$	Φ_{1633}
108536	1540	2730	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{2730}\ \Phi_{910}\ \Phi_{546}\ \Phi_{390}\ \Phi_{273}\ \Phi_{210}\ \Phi_{182}\ \Phi_{91}\ \Phi_{78}\ \Phi_{70}\ \Phi_{42}\ \Phi_{39}\ \Phi_{30}\ \Phi_{14}\ \Phi_{6}$
108537	1540	81	$\frac{4}{81}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{81}^{20}\ \Phi_{27}^{17}\ \Phi_{9}^{17}\ \Phi_{3}^{17}\ \Phi_{1}^{18}$
108538	1540	1539	$\frac{83}{1539}$	$\frac{104}{1539}$	$\frac{287}{1539}$	$\frac{626}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
108539	1540	648	$\frac{1}{81}$	$\frac{61}{324}$	$\frac{20}{81}$	$\frac{263}{648}$	$\Phi_{648}^4\ \Phi_{216}^4\ \Phi_{81}^3\ \Phi_{72}^4\ \Phi_{27}^3\ \Phi_{24}^4\ \Phi_{9}^3\ \Phi_{8}^4\ \Phi_{3}^3\ \Phi_{1}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
108540	1540	555	$\frac{2}{37}$	$\frac{1}{15}$	$\frac{7}{37}$	$\frac{15}{37}$	$\Phi_{555}^{3}\ \Phi_{185}^{3}\ \Phi_{111}^{3}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}$
108541	1540	564	$\frac{2}{47}$	$\frac{1}{12}$	$\frac{9}{47}$	$\frac{19}{47}$	$\Phi_{564}^{3}\ \Phi_{282}^{3}\ \Phi_{188}^{3}\ \Phi_{141}^{3}\ \Phi_{94}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
108542	1540	1539	$\frac{64}{1539}$	$\frac{131}{1539}$	$\frac{295}{1539}$	$\frac{622}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
108543	1540	171	$\frac{2}{57}$	$\frac{17}{171}$	$\frac{11}{57}$	$\frac{23}{57}$	$\Phi_{171}^{10}\ \Phi_{57}^{7}\ \Phi_{19}^{7}\ \Phi_{9}^{10}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
108544	1540	1768	$\frac{6}{221}$	$\frac{1}{8}$	$\frac{43}{221}$	$\frac{89}{221}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{442}\ \Phi_{136}\ \Phi_{104}\ \Phi_{68}\ \Phi_{52}\ \Phi_{34}\ \Phi_{26}$
108545	1540	1539	$\frac{14}{1539}$	$\frac{305}{1539}$	$\frac{461}{1539}$	$\frac{617}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
108546	1540	771	$\frac{2}{257}$	$\frac{51}{257}$	$\frac{1}{3}$	$\frac{103}{257}$	$\Phi_{771}^{3}\ \Phi_{3}^{2}$
108547	1540	1110	$\frac{1}{111}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{1110}^{2}\ \Phi_{555}\ \Phi_{370}^{2}\ \Phi_{222}^{2}\ \Phi_{185}\ \Phi_{74}^{2}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{6}^{2}$
108548	1540	900	$\frac{1}{36}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}^{2}\ \Phi_{225}^{2}\ \Phi_{180}\ \Phi_{150}^{2}\ \Phi_{100}^{2}\ \Phi_{90}\ \Phi_{75}^{2}\ \Phi_{60}\ \Phi_{50}^{2}$ $\Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
108549	1540	880	$\frac{3}{80}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{880}^{2}\ \Phi_{440}^{2}\ \Phi_{220}^{2}\ \Phi_{176}^{2}\ \Phi_{110}^{2}\ \Phi_{88}^{2}\ \Phi_{55}\ \Phi_{44}^{2}\ \Phi_{22}^{2}$
108550	1540	846	$\frac{1}{141}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{846}^{3}\ \Phi_{282}^{3}\ \Phi_{141}^{2}\ \Phi_{94}^{3}\ \Phi_{47}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
108551	1540	36	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{36}^{44}\ \Phi_{18}^{40}\ \Phi_{12}^{44}\ \Phi_{9}^{43}\ \Phi_{6}^{40}\ \Phi_{4}^{44}\ \Phi_{3}^{43}\ \Phi_{2}^{40}\ \Phi_{1}^{44}$
108552	1540	57	$\frac{2}{57}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{57}^{27}\ \Phi_{19}^{27}\ \Phi_{3}^{27}\ \Phi_{1}^{28}$
108553	1540	81	$\frac{4}{81}$	$\frac{5}{81}$	$\frac{19}{81}$	$\frac{31}{81}$	$\Phi_{81}^{19}\ \Phi_{27}^{19}\ \Phi_{9}^{19}\ \Phi_{3}^{19}\ \Phi_{1}^{20}$
108554	1540	1364	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{15}{62}$	$\frac{47}{124}$	$\Phi_{1364}^{2}\ \Phi_{341}\ \Phi_{44}^{2}$
108555	1540	456	$\frac{1}{57}$	$\frac{71}{456}$	$\frac{14}{57}$	$\frac{43}{114}$	$\Phi_{456}^{4}\ \Phi_{228}^{4}\ \Phi_{152}^{4}\ \Phi_{76}^{4}\ \Phi_{57}^{3}\ \Phi_{24}^{4}\ \Phi_{19}^{3}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
108556	1540	486	$\frac{1}{81}$	$\frac{101}{486}$	$\frac{20}{81}$	$\frac{61}{162}$	$\Phi_{486}^{4}\ \Phi_{243}^{4}\ \Phi_{81}^{3}\ \Phi_{27}^{3}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
108557	1540	3720	$\frac{1}{155}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{3720}\ \Phi_{744}\ \Phi_{465}\ \Phi_{120}\ \Phi_{93}\ \Phi_{15}$
108558	1540	2256	$\frac{1}{141}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{2256}\ \Phi_{752}\ \Phi_{564}\ \Phi_{282}\ \Phi_{188}\ \Phi_{94}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
108559	1540	2456	$\frac{3}{307}$	$\frac{76}{307}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2456}\ \Phi_{307}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
108560	1540	1560	$\frac{1}{78}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1560}^{2}\ \Phi_{520}^{2}\ \Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}^{2}\ \Phi_{65}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
108561	1540	2456	$\frac{6}{307}$	$\frac{43}{307}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2456}\ \Phi_{307}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
108562	1540	360	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^{4}\ \Phi_{180}^{5}\ \Phi_{120}^{4}\ \Phi_{90}^{5}\ \Phi_{72}^{4}\ \Phi_{60}^{5}\ \Phi_{45}^{4}\ \Phi_{40}^{4}\ \Phi_{36}^{5}\ \Phi_{30}^{5}\ \Phi_{24}^{4}\ \Phi_{20}^{5}$ $\Phi_{18}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{4}\ \Phi_{3}^{4}$
108563	1540	2456	$\frac{10}{307}$	$\frac{27}{307}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2456}\ \Phi_{307}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
108564	1540	696	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{696}^{4}\ \Phi_{348}\ \Phi_{232}^{3}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}$
108565	1540	2456	$\frac{13}{307}$	$\frac{21}{307}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2456}\ \Phi_{307}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
108566	1540	2760	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{345}\ \Phi_{115}\ \Phi_{69}$
108567	1540	243	$\frac{1}{81}$	$\frac{16}{81}$	$\frac{65}{243}$	$\frac{89}{243}$	$\Phi_{243}^{5}\ \Phi_{81}^{9}\ \Phi_{27}^{9}\ \Phi_{9}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
108568	1540	171	$\frac{1}{57}$	$\frac{8}{57}$	$\frac{49}{171}$	$\frac{61}{171}$	$\Phi_{171}^{7}\ \Phi_{57}^{13}\ \Phi_{19}^{13}\ \Phi_{9}^{7}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
108569	1540	270	$\frac{1}{45}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{270}^{9}\ \Phi_{90}^{9}\ \Phi_{54}^{8}\ \Phi_{45}^{8}\ \Phi_{30}^{9}\ \Phi_{18}^{8}\ \Phi_{15}^{8}\ \Phi_{10}^{9}\ \Phi_{9}^{7}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
108570	1540	2436	$\frac{1}{29}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{406}\ \Phi_{348}\ \Phi_{203}\ \Phi_{116}\ \Phi_{58}$
108571	1540	1161	$\frac{8}{387}$	$\frac{1}{9}$	$\frac{379}{1161}$	$\frac{391}{1161}$	$\Phi_{1161}\ \Phi_{387}^{2}\ \Phi_{129}^{2}\ \Phi_{43}^{2}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
108572	1540	387	$\frac{2}{387}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{387}^{4}\ \Phi_{129}^{4}\ \Phi_{43}^{4}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
108573	1540	576	$\frac{1}{192}$	$\frac{191}{576}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{576}^{4}\ \Phi_{288}^{4}\ \Phi_{144}^{4}\ \Phi_{72}^{4}\ \Phi_{36}^{4}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
108574	1540	1164	$\frac{3}{388}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1164}\ \Phi_{582}\ \Phi_{388}^{2}\ \Phi_{291}\ \Phi_{194}^{2}\ \Phi_{97}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
108575	1540	1536	$\frac{1}{128}$	$\frac{127}{512}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}^{2}\ \Phi_{256}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
108576	1540	333	$\frac{1}{111}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{333}^{6}\ \Phi_{111}^{2}\ \Phi_{37}^{2}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
108577	1540	96	$\frac{1}{96}$	$\frac{19}{96}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{96}^{16}\ \Phi_{48}^{16}\ \Phi_{32}^{16}\ \Phi_{24}^{16}\ \Phi_{16}^{16}\ \Phi_{12}^{16}\ \Phi_{8}^{16}\ \Phi_{6}^{16}\ \Phi_{4}^{16}\ \Phi_{3}^{17}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
108578	1540	78	$\frac{1}{78}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{78}^{20}\ \Phi_{39}^{20}\ \Phi_{26}^{20}\ \Phi_{13}^{20}\ \Phi_{6}^{16}\ \Phi_{3}^{17}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
108579	1540	192	$\frac{1}{64}$	$\frac{9}{64}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{192}^{6}\ \Phi_{96}^{6}\ \Phi_{64}^{12}\ \Phi_{48}^{6}\ \Phi_{32}^{12}\ \Phi_{24}^{6}\ \Phi_{16}^{12}\ \Phi_{12}^{6}\ \Phi_{8}^{12}\ \Phi_{6}^{6}\ \Phi_{4}^{12}\ \Phi_{3}^{7}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
108580	1540	168	$\frac{1}{56}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{168}^{7}\ \Phi_{84}^{7}\ \Phi_{56}^{14}\ \Phi_{42}^{7}\ \Phi_{28}^{14}\ \Phi_{24}^{6}\ \Phi_{21}^{7}\ \Phi_{14}^{14}\ \Phi_{12}^{6}\ \Phi_{8}^{12}\ \Phi_{7}^{14}\ \Phi_{6}^{6}\ \Phi_{4}^{12}\ \Phi_{3}^{7}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
108581	1540	432	$\frac{1}{48}$	$\frac{47}{432}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{432}^{4}\ \Phi_{216}^{4}\ \Phi_{144}^{4}\ \Phi_{108}^{4}\ \Phi_{72}^{4}\ \Phi_{54}^{4}\ \Phi_{36}^{4}\ \Phi_{27}^{4}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
108582	1540	192	$\frac{5}{192}$	$\frac{17}{192}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{192}^{8}\ \Phi_{96}^{8}\ \Phi_{64}^{8}\ \Phi_{48}^{8}\ \Phi_{32}^{8}\ \Phi_{24}^{8}\ \Phi_{16}^{8}\ \Phi_{12}^{8}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
108583	1540	36	$\frac{1}{36}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{36}^{44}\ \Phi_{18}^{44}\ \Phi_{12}^{40}\ \Phi_{9}^{44}\ \Phi_{6}^{40}\ \Phi_{4}^{40}\ \Phi_{3}^{41}\ \Phi_{2}^{40}\ \Phi_{1}^{42}$
108584	1540	1248	$\frac{1}{32}$	$\frac{31}{416}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}^{2}\ \Phi_{312}\ \Phi_{208}^{2}\ \Phi_{156}\ \Phi_{104}^{2}\ \Phi_{78}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
108585	1540	285	$\frac{2}{57}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{285}^{6}\ \Phi_{95}^{6}\ \Phi_{57}^{4}\ \Phi_{19}^{4}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
108586	1540	240	$\frac{3}{80}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}^{5}\ \Phi_{120}^{5}\ \Phi_{80}^{10}\ \Phi_{60}^{5}\ \Phi_{48}^{4}\ \Phi_{40}^{10}\ \Phi_{30}^{5}\ \Phi_{24}^{4}\ \Phi_{20}^{10}\ \Phi_{16}^{8}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{10}^{10}\ \Phi_{8}^{8}\ \Phi_{6}^{4}\ \Phi_{5}^{10}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
108587	1540	408	$\frac{1}{24}$	$\frac{23}{408}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{408}^{4}\ \Phi_{204}^{4}\ \Phi_{136}^{4}\ \Phi_{102}^{4}\ \Phi_{68}^{4}\ \Phi_{51}^{4}\ \Phi_{34}^{4}\ \Phi_{17}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
108588	1540	657	$\frac{2}{219}$	$\frac{2}{9}$	$\frac{217}{657}$	$\frac{1}{3}$	$\Phi_{657}^{2}\ \Phi_{219}^{3}\ \Phi_{73}^{3}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
108589	1540	918	$\frac{2}{153}$	$\frac{1}{6}$	$\frac{151}{459}$	$\frac{1}{3}$	$\Phi_{918}^{3}\ \Phi_{459}^{2}\ \Phi_{54}^{3}\ \Phi_{27}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
108590	1540	1254	$\frac{1}{38}$	$\frac{1}{11}$	$\frac{37}{114}$	$\frac{1}{3}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}^{2}\ \Phi_{209}^{2}\ \Phi_{66}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{2}$
108591	1540	828	$\frac{2}{69}$	$\frac{1}{12}$	$\frac{67}{207}$	$\frac{1}{3}$	$\Phi_{828}^{3}\ \Phi_{414}^{3}\ \Phi_{207}^{2}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
108592	1540	405	$\frac{1}{27}$	$\frac{1}{15}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{405}^{6}\ \Phi_{81}^{4}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
108593	1540	1173	$\frac{1}{23}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{1173}\ \Phi_{391}^{2}\ \Phi_{69}^{2}\ \Phi_{23}^{2}$
108594	1540	252	$\frac{1}{36}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{84}^{6}\ \Phi_{63}^{5}\ \Phi_{42}^{6}\ \Phi_{36}^{8}\ \Phi_{28}^{6}\ \Phi_{21}^{6}\ \Phi_{18}^{8}\ \Phi_{14}^{6}\ \Phi_{12}^{8}\ \Phi_{9}^{7}\ \Phi_{7}^{6}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
108595	1540	1065	$\frac{1}{71}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{1065}\ \Phi_{355}^{2}\ \Phi_{213}^{2}\ \Phi_{71}^{2}$
108596	1540	702	$\frac{1}{78}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{702}^{3}\ \Phi_{351}^{3}\ \Phi_{78}^{2}\ \Phi_{54}^{3}\ \Phi_{39}^{2}\ \Phi_{27}^{2}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
108597	1540	2640	$\frac{3}{80}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{33}$
108598	1540	657	$\frac{1}{73}$	$\frac{2}{9}$	$\frac{18}{73}$	$\frac{1}{3}$	$\Phi_{657}^{3}\ \Phi_{73}^{3}\ \Phi_{9}^{4}\ \Phi_{1}^{4}$
108599	1540	102	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{25}{102}$	$\frac{1}{3}$	$\Phi_{102}^{14}\ \Phi_{51}^{16}\ \Phi_{34}^{14}\ \Phi_{17}^{16}\ \Phi_{6}^{16}\ \Phi_{3}^{17}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
108600	1540	276	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{11}{46}$	$\frac{1}{3}$	$\Phi_{276}^{6}\ \Phi_{138}^{4}\ \Phi_{92}^{6}\ \Phi_{69}^{5}\ \Phi_{46}^{6}\ \Phi_{23}^{6}\ \Phi_{12}^{8}\ \Phi_{6}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
108601	1540	360	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{6}\ \Phi_{72}^{4}\ \Phi_{60}^{6}\ \Phi_{40}^{6}\ \Phi_{36}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{6}\ \Phi_{15}^{2}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
108602	1540	2520	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{180}\ \Phi_{140}\ \Phi_{90}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
108603	1540	657	$\frac{4}{219}$	$\frac{43}{219}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{657}^{3}\ \Phi_{219}\ \Phi_{73}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
108604	1540	90	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{90}^{21}\ \Phi_{45}^{14}\ \Phi_{30}^{21}\ \Phi_{18}^{18}\ \Phi_{15}^{14}\ \Phi_{10}^{21}\ \Phi_{9}^{12}\ \Phi_{6}^{20}\ \Phi_{5}^{14}\ \Phi_{3}^{13}\ \Phi_{2}^{20}\ \Phi_{1}^{14}$
108605	1540	171	$\frac{2}{57}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{171}^{9}\ \Phi_{57}^{10}\ \Phi_{19}^{10}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
108606	1540	657	$\frac{3}{73}$	$\frac{7}{73}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{657}^{3}\ \Phi_{73}^{3}\ \Phi_{9}^{4}\ \Phi_{1}^{4}$
108607	1540	2277	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2277}\ \Phi_{253}$
108608	1540	657	$\frac{10}{219}$	$\frac{19}{219}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{657}^{3}\ \Phi_{219}\ \Phi_{73}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
108609	1540	252	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{252}^{9}\ \Phi_{126}^{9}\ \Phi_{84}^{3}\ \Phi_{63}^{6}\ \Phi_{42}^{3}\ \Phi_{36}^{6}\ \Phi_{28}^{3}\ \Phi_{21}^{2}\ \Phi_{18}^{6}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
108610	1540	585	$\frac{7}{117}$	$\frac{1}{15}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{585}^{3}\ \Phi_{195}^{3}\ \Phi_{117}^{2}\ \Phi_{65}^{3}\ \Phi_{39}^{2}\ \Phi_{15}^{2}\ \Phi_{13}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
108611	1540	252	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{84}^{6}\ \Phi_{63}^{6}\ \Phi_{42}^{4}\ \Phi_{36}^{8}\ \Phi_{28}^{6}\ \Phi_{21}^{5}\ \Phi_{18}^{8}\ \Phi_{14}^{6}\ \Phi_{12}^{8}\ \Phi_{9}^{8}\ \Phi_{7}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
108612	1540	2280	$\frac{2}{57}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{190}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
108613	1540	2616	$\frac{4}{109}$	$\frac{1}{8}$	$\frac{21}{109}$	$\frac{1}{3}$	$\Phi_{2616}\ \Phi_{1308}\ \Phi_{654}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
108614	1540	771	$\frac{31}{771}$	$\frac{89}{771}$	$\frac{148}{771}$	$\frac{1}{3}$	$\Phi_{771}^2\ \Phi_{257}^2\ \Phi_{3}\ \Phi_{1}^2$
108615	1540	3135	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{18}{95}$	$\frac{1}{3}$	$\Phi_{3135}\ \Phi_{165}\ \Phi_{33}$
108616	1540	276	$\frac{4}{69}$	$\frac{1}{12}$	$\frac{13}{69}$	$\frac{1}{3}$	$\Phi_{276}^6\ \Phi_{138}^6\ \Phi_{92}^6\ \Phi_{69}^4\ \Phi_{46}^6\ \Phi_{23}^4\ \Phi_{12}^8\ \Phi_{6}^8\ \Phi_{4}^8\ \Phi_{3}^5\ \Phi_{2}^8\ \Phi_{1}^6$
108617	1540	771	$\frac{17}{257}$	$\frac{19}{257}$	$\frac{48}{257}$	$\frac{1}{3}$	$\Phi_{771}^3\ \Phi_{3}^2$
108618	1540	135	$\frac{1}{15}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{1}{3}$	$\Phi_{135}^{12}\ \Phi_{45}^{12}\ \Phi_{27}^8\ \Phi_{15}^{14}\ \Phi_{9}^8\ \Phi_{5}^{14}\ \Phi_{3}^9\ \Phi_{1}^{10}$
108619	1540	771	$\frac{15}{257}$	$\frac{22}{257}$	$\frac{47}{257}$	$\frac{1}{3}$	$\Phi_{771}^3\ \Phi_{3}^2$
108620	1540	1173	$\frac{1}{23}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{1173}^2\ \Phi_{69}^3$
108621	1540	771	$\frac{29}{771}$	$\frac{106}{771}$	$\frac{133}{771}$	$\frac{1}{3}$	$\Phi_{771}^2\ \Phi_{257}^2\ \Phi_{3}\ \Phi_{1}^2$
108622	1540	102	$\frac{2}{51}$	$\frac{7}{51}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{102}^{18}\ \Phi_{51}^{12}\ \Phi_{34}^{18}\ \Phi_{17}^{12}\ \Phi_{6}^{20}\ \Phi_{3}^{13}\ \Phi_{2}^{20}\ \Phi_{1}^{14}$
108623	1540	552	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{552}^3\ \Phi_{276}^3\ \Phi_{184}^4\ \Phi_{138}\ \Phi_{92}^4\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{23}^2$
108624	1540	162	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{162}^{12}\ \Phi_{81}^8\ \Phi_{54}^{12}\ \Phi_{27}^8\ \Phi_{18}^6\ \Phi_{9}^4\ \Phi_{6}^8\ \Phi_{3}^5\ \Phi_{2}^8\ \Phi_{1}^6$
108625	1540	510	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{510}^4\ \Phi_{255}^2\ \Phi_{170}^4\ \Phi_{102}^2\ \Phi_{85}^4\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{30}^4\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
108626	1540	306	$\frac{10}{153}$	$\frac{13}{153}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{306}^6\ \Phi_{153}^4\ \Phi_{102}^6\ \Phi_{51}^4\ \Phi_{34}^6\ \Phi_{18}^6\ \Phi_{17}^4\ \Phi_{9}^4\ \Phi_{6}^8\ \Phi_{3}^5\ \Phi_{2}^8\ \Phi_{1}^6$
108627	1540	60	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{60}^{30}\ \Phi_{30}^{24}\ \Phi_{20}^{30}\ \Phi_{15}^{26}\ \Phi_{12}^{20}\ \Phi_{10}^{24}\ \Phi_{6}^{16}\ \Phi_{5}^{26}\ \Phi_{4}^{20}\ \Phi_{3}^{17}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
108628	1540	630	$\frac{1}{21}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{126}^3\ \Phi_{90}^2\ \Phi_{70}^3\ \Phi_{63}^3\ \Phi_{45}^2\ \Phi_{42}^3\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
108629	1540	1254	$\frac{3}{38}$	$\frac{1}{11}$	$\frac{5}{38}$	$\frac{1}{3}$	$\Phi_{1254}^2\ \Phi_{627}^2\ \Phi_{66}^2\ \Phi_{33}^3$
108630	1540	771	$\frac{64}{771}$	$\frac{67}{771}$	$\frac{101}{771}$	$\frac{1}{3}$	$\Phi_{771}^2\ \Phi_{257}^2\ \Phi_{3}\ \Phi_{1}^2$
108631	1540	276	$\frac{1}{12}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{3}$	$\Phi_{276}^6\ \Phi_{138}^6\ \Phi_{92}^6\ \Phi_{69}^3\ \Phi_{46}^6\ \Phi_{23}^6\ \Phi_{12}^8\ \Phi_{6}^8\ \Phi_{4}^8\ \Phi_{3}^4\ \Phi_{2}^8\ \Phi_{1}^8$
108632	1540	771	$\frac{61}{771}$	$\frac{71}{771}$	$\frac{100}{771}$	$\frac{1}{3}$	$\Phi_{771}^2\ \Phi_{257}^2\ \Phi_{3}\ \Phi_{1}^2$
108633	1540	315	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{3}$	$\Phi_{315}^6\ \Phi_{105}^6\ \Phi_{63}^4\ \Phi_{35}^6\ \Phi_{21}^4\ \Phi_{15}^2\ \Phi_{7}^4\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
108634	1540	2616	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{2616}\ \Phi_{1308}\ \Phi_{654}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
108635	1540	264	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{264}^7\ \Phi_{132}^5\ \Phi_{88}^8\ \Phi_{66}^5\ \Phi_{44}^6\ \Phi_{33}^6\ \Phi_{22}^6\ \Phi_{11}^6$
108636	1540	114	$\frac{1}{38}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{37}{114}$	$\Phi_{114}^{20}\ \Phi_{57}^{20}\ \Phi_{19}\ \Phi_{6}^{20}\ \Phi_{3}^{20}\ \Phi_{1}^2$
108637	1540	570	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{37}{114}$	$\Phi_{570}^3\ \Phi_{285}^3\ \Phi_{190}^4\ \Phi_{95}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^5\ \Phi_{5}^4$
108638	1540	81	$\frac{1}{27}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{26}{81}$	$\Phi_{81}^{15}\ \Phi_{27}^{27}\ \Phi_{9}^{27}\ \Phi_{3}^{27}\ \Phi_{1}^{28}$
108639	1540	81	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{26}{81}$	$\Phi_{81}^{28}\ \Phi_{9}^3\ \Phi_{3}^3\ \Phi_{1}^4$
108640	1540	3240	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{26}{81}$	$\Phi_{3240}\ \Phi_{1620}\ \Phi_{810}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
108641	1540	2475	$\frac{4}{75}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{71}{225}$	$\Phi_{2475}\ \Phi_{495}\ \Phi_{99}\ \Phi_{55}$
108642	1540	2193	$\frac{1}{17}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{16}{51}$	$\Phi_{2193}\ \Phi_{129}\ \Phi_{51}^2\ \Phi_{43}\ \Phi_{3}^2\ \Phi_{1}^2$
108643	1540	1020	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{16}{51}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_{5}^2$
108644	1540	408	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{7}{51}$	$\frac{16}{51}$	$\Phi_{408}^4\ \Phi_{204}^4\ \Phi_{136}^5\ \Phi_{102}^4\ \Phi_{68}^5\ \Phi_{34}^5\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{2}^4$
108645	1540	312	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{8}$	$\frac{23}{78}$	$\Phi_{312}^8\ \Phi_{156}^8\ \Phi_{104}\ \Phi_{78}^4\ \Phi_{52}\ \Phi_{39}^4\ \Phi_{26}\ \Phi_{24}^8\ \Phi_{12}^8\ \Phi_{6}^4\ \Phi_{3}^4$
108646	1540	2088	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{522}\ \Phi_{261}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}$
108647	1540	756	$\frac{1}{21}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{189}^3\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{42}^3\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
108648	1540	406	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{406}^5\ \Phi_{203}^3\ \Phi_{58}^5\ \Phi_{29}^2$
108649	1540	1224	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{8}{51}$	$\frac{43}{153}$	$\Phi_{1224}^2\ \Phi_{612}^2\ \Phi_{306}^2\ \Phi_{136}\ \Phi_{72}^2\ \Phi_{68}\ \Phi_{36}^2\ \Phi_{34}\ \Phi_{18}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
108650	1540	630	$\frac{1}{21}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}^{3}\ \Phi_{105}^{3}\ \Phi_{90}^{2}\ \Phi_{70}^{3}\ \Phi_{45}^{2}\ \Phi_{42}^{3}\ \Phi_{35}^{3}\ \Phi_{30}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{3}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
108651	1540	720	$\frac{1}{45}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{180}^{3}\ \Phi_{144}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{3}\ \Phi_{80}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{3}\ \Phi_{48}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{3}\ \Phi_{30}^{3}\ \Phi_{24}\ \Phi_{20}^{3}\ \Phi_{18}^{3}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
108652	1540	2085	$\frac{3}{139}$	$\frac{1}{5}$	$\frac{34}{139}$	$\frac{4}{15}$	$\Phi_{2085}\ \Phi_{417}\ \Phi_{139}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
108653	1540	180	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{180}^{9}\ \Phi_{90}^{9}\ \Phi_{60}^{9}\ \Phi_{45}^{9}\ \Phi_{36}^{8}\ \Phi_{30}^{9}\ \Phi_{20}^{9}\ \Phi_{18}^{8}\ \Phi_{15}^{5}\ \Phi_{12}^{8}\ \Phi_{10}^{9}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
108654	1540	2085	$\frac{4}{139}$	$\frac{27}{139}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2085}\ \Phi_{417}\ \Phi_{139}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
108655	1540	870	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{870}^{2}\ \Phi_{435}\ \Phi_{290}^{2}\ \Phi_{174}^{3}\ \Phi_{145}^{2}\ \Phi_{87}^{2}\ \Phi_{58}^{3}\ \Phi_{29}^{2}$
108656	1540	2085	$\frac{6}{139}$	$\frac{19}{139}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2085}\ \Phi_{417}\ \Phi_{139}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
108657	1540	840	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{3}\ \Phi_{140}^{2}\ \Phi_{120}\ \Phi_{84}^{3}\ \Phi_{70}^{2}\ \Phi_{60}\ \Phi_{56}^{3}\ \Phi_{42}^{3}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{28}^{3}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
108658	1540	2085	$\frac{9}{139}$	$\frac{13}{139}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2085}\ \Phi_{417}\ \Phi_{139}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
108659	1540	165	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{165}^{10}\ \Phi_{55}^{11}\ \Phi_{33}^{10}\ \Phi_{11}^{10}$
108660	1540	57	$\frac{2}{57}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{57}^{28}\ \Phi_{19}^{25}\ \Phi_{3}^{28}\ \Phi_{1}^{26}$
108661	1540	81	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{81}^{20}\ \Phi_{27}^{16}\ \Phi_{9}^{19}\ \Phi_{3}^{19}\ \Phi_{1}^{20}$
108662	1540	618	$\frac{3}{103}$	$\frac{1}{6}$	$\frac{25}{103}$	$\frac{26}{103}$	$\Phi_{618}^{3}\ \Phi_{309}^{3}\ \Phi_{206}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
108663	1540	513	$\frac{1}{57}$	$\frac{14}{57}$	$\frac{128}{513}$	$\frac{43}{171}$	$\Phi_{513}^{4}\ \Phi_{57}^{3}\ \Phi_{27}^{4}\ \Phi_{19}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
108664	1540	1520	$\frac{3}{80}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{304}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{19}\ \Phi_{16}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
108665	1540	240	$\frac{3}{80}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}^{4}\ \Phi_{60}^{6}\ \Phi_{48}^{8}\ \Phi_{40}^{4}\ \Phi_{30}^{7}\ \Phi_{24}^{8}\ \Phi_{20}^{3}\ \Phi_{16}^{4}\ \Phi_{15}^{7}\ \Phi_{12}^{8}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{8}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{8}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
108666	1540	322	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{46}$	$\Phi_{322}^{4}\ \Phi_{161}^{5}\ \Phi_{46}^{6}\ \Phi_{23}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
108667	1540	72	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{17}{72}$	$\Phi_{72}^{28}\ \Phi_{36}^{28}\ \Phi_{24}^{28}\ \Phi_{12}^{28}\ \Phi_{9}^{3}\ \Phi_{8}^{28}\ \Phi_{4}^{28}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
108668	1540	360	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{17}{72}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}^{5}\ \Phi_{90}^{6}\ \Phi_{60}^{5}\ \Phi_{45}^{6}\ \Phi_{40}^{6}\ \Phi_{30}^{6}\ \Phi_{20}^{6}\ \Phi_{15}^{6}\ \Phi_{10}^{7}\ \Phi_{5}^{6}$
108669	1540	136	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{13}{68}$	$\frac{4}{17}$	$\Phi_{136}^{13}\ \Phi_{68}^{9}\ \Phi_{34}^{9}\ \Phi_{17}^{12}\ \Phi_{8}^{12}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
108670	1540	731	$\frac{3}{43}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{10}{43}$	$\Phi_{731}^{2}\ \Phi_{43}^{3}\ \Phi_{17}^{4}\ \Phi_{1}^{6}$
108671	1540	1032	$\frac{3}{43}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{10}{43}$	$\Phi_{1032}^{2}\ \Phi_{516}^{2}\ \Phi_{344}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{43}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
108672	1540	1539	$\frac{115}{1539}$	$\frac{169}{1539}$	$\frac{274}{1539}$	$\frac{356}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
108673	1540	104	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{2}{13}$	$\frac{3}{13}$	$\Phi_{104}^{17}\ \Phi_{52}^{17}\ \Phi_{26}^{17}\ \Phi_{8}^{16}\ \Phi_{4}^{16}\ \Phi_{2}^{16}$
108674	1540	513	$\frac{41}{513}$	$\frac{62}{513}$	$\frac{79}{513}$	$\frac{118}{513}$	$\Phi_{513}^{3}\ \Phi_{171}^{3}\ \Phi_{57}^{3}\ \Phi_{27}^{3}\ \Phi_{19}^{3}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
108675	1540	1100	$\frac{2}{25}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{23}{100}$	$\Phi_{1100}^{2}\ \Phi_{550}^{2}\ \Phi_{220}^{2}\ \Phi_{110}^{2}\ \Phi_{55}\ \Phi_{44}^{2}\ \Phi_{22}^{2}$
108676	1540	618	$\frac{25}{309}$	$\frac{34}{309}$	$\frac{1}{6}$	$\frac{71}{309}$	$\Phi_{618}^{3}\ \Phi_{309}^{2}\ \Phi_{206}^{3}\ \Phi_{103}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
108677	1540	27	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{2}{9}$	$\Phi_{27}^{56}\ \Phi_{9}^{59}\ \Phi_{3}^{59}\ \Phi_{1}^{60}$
108678	1540	36	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{2}{9}$	$\Phi_{36}^{45}\ \Phi_{18}^{36}\ \Phi_{12}^{50}\ \Phi_{9}^{39}\ \Phi_{6}^{40}\ \Phi_{4}^{50}\ \Phi_{3}^{43}\ \Phi_{2}^{40}\ \Phi_{1}^{44}$
108679	1540	432	$\frac{47}{432}$	$\frac{1}{9}$	$\frac{7}{54}$	$\frac{2}{9}$	$\Phi_{432}^{4}\ \Phi_{216}^{4}\ \Phi_{144}^{4}\ \Phi_{108}^{4}\ \Phi_{72}^{4}\ \Phi_{48}^{4}\ \Phi_{36}^{4}\ \Phi_{24}^{4}\ \Phi_{16}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{3}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
108680	1540	63	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{2}{9}$	$\Phi_{63}^{28}\ \Phi_{21}^{28}\ \Phi_{9}^{3}\ \Phi_{7}^{28}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
108681	1540	1539	$\frac{109}{1539}$	$\frac{179}{1539}$	$\frac{286}{1539}$	$\frac{340}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
108682	1540	564	$\frac{1}{12}$	$\frac{17}{141}$	$\frac{22}{141}$	$\frac{31}{141}$	$\Phi_{564}^{3}\ \Phi_{282}^{3}\ \Phi_{188}^{3}\ \Phi_{141}^{2}\ \Phi_{94}^{3}\ \Phi_{47}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
108683	1540	1539	$\frac{118}{1539}$	$\frac{203}{1539}$	$\frac{241}{1539}$	$\frac{334}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
108684	1540	618	$\frac{22}{309}$	$\frac{41}{309}$	$\frac{1}{6}$	$\frac{67}{309}$	$\Phi_{618}^{3}\ \Phi_{309}^{2}\ \Phi_{206}^{3}\ \Phi_{103}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
108685	1540	966	$\frac{4}{69}$	$\frac{1}{7}$	$\frac{13}{69}$	$\frac{3}{14}$	$\Phi_{966}^{2}\ \Phi_{483}\ \Phi_{322}^{2}\ \Phi_{161}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{42}^{2}\ \Phi_{23}^{2}\ \Phi_{21}\ \Phi_{14}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
108686	1540	210	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{210}^{7}\ \Phi_{105}^{8}\ \Phi_{70}^{7}\ \Phi_{42}^{4}\ \Phi_{35}^{8}\ \Phi_{30}^{10}\ \Phi_{21}^{5}\ \Phi_{15}^{10}\ \Phi_{14}^{6}\ \Phi_{10}^{10}\ \Phi_{7}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{10}\ \Phi_{3}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
108687	1540	322	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{322}^{6}\ \Phi_{161}^{3}\ \Phi_{46}^{6}\ \Phi_{23}^{6}\ \Phi_{14}^{8}\ \Phi_{7}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
108688	1540	616	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{616}^{3}\ \Phi_{308}^{3}\ \Phi_{154}\ \Phi_{88}^{4}\ \Phi_{77}^{2}\ \Phi_{44}^{4}\ \Phi_{22}^{2}\ \Phi_{11}^{2}$
108689	1540	95	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{18}{95}$	$\frac{4}{19}$	$\Phi_{95}^{20}\ \Phi_{19}\ \Phi_{5}^{20}\ \Phi_{1}^{2}$
108690	1540	456	$\frac{5}{76}$	$\frac{71}{456}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{456}^{4}\ \Phi_{228}^{4}\ \Phi_{152}^{4}\ \Phi_{114}^{4}\ \Phi_{57}^{4}\ \Phi_{24}^{4}\ \Phi_{19}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
108691	1540	38	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{38}^{40}\ \Phi_{19}^{41}\ \Phi_{2}^{40}\ \Phi_{1}^{42}$
108692	1540	456	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{456}^{4}\ \Phi_{228}^{3}\ \Phi_{152}^{3}\ \Phi_{114}^{3}\ \Phi_{76}^{2}\ \Phi_{57}^{3}\ \Phi_{38}^{2}\ \Phi_{24}^{8}\ \Phi_{19}^{3}\ \Phi_{12}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
108693	1540	81	$\frac{4}{81}$	$\frac{13}{81}$	$\frac{16}{81}$	$\frac{17}{81}$	$\Phi_{81}^{19}\ \Phi_{27}^{19}\ \Phi_{9}^{19}\ \Phi_{3}^{19}\ \Phi_{1}^{20}$
108694	1540	672	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}^{3}\ \Phi_{112}^{3}\ \Phi_{96}^{2}\ \Phi_{48}^{2}\ \Phi_{42}^{3}\ \Phi_{32}^{2}\ \Phi_{21}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
108695	1540	513	$\frac{37}{513}$	$\frac{68}{513}$	$\frac{89}{513}$	$\frac{106}{513}$	$\Phi_{513}^{3}\ \Phi_{171}^{3}\ \Phi_{57}^{3}\ \Phi_{27}^{3}\ \Phi_{19}^{3}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
108696	1540	564	$\frac{1}{12}$	$\frac{16}{141}$	$\frac{25}{141}$	$\frac{29}{141}$	$\Phi_{564}^{3}\ \Phi_{282}^{3}\ \Phi_{188}^{3}\ \Phi_{141}^{2}\ \Phi_{94}^{3}\ \Phi_{47}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
108697	1540	1539	$\frac{124}{1539}$	$\frac{175}{1539}$	$\frac{283}{1539}$	$\frac{314}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
108698	1540	1768	$\frac{16}{221}$	$\frac{1}{8}$	$\frac{41}{221}$	$\frac{45}{221}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{442}\ \Phi_{136}\ \Phi_{104}\ \Phi_{68}\ \Phi_{52}\ \Phi_{34}\ \Phi_{26}$
108699	1540	570	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{18}{95}$	$\frac{1}{5}$	$\Phi_{570}^{3}\ \Phi_{285}^{3}\ \Phi_{190}^{3}\ \Phi_{114}^{4}\ \Phi_{57}^{4}\ \Phi_{38}^{4}\ \Phi_{30}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
108700	1540	1080	$\frac{2}{27}$	$\frac{1}{8}$	$\frac{5}{27}$	$\frac{1}{5}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{270}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{40}^{3}\ \Phi_{30}^{2}\ \Phi_{20}^{3}\ \Phi_{10}^{3}$
108701	1540	1930	$\frac{31}{386}$	$\frac{45}{386}$	$\frac{71}{386}$	$\frac{1}{5}$	$\Phi_{1930}\ \Phi_{965}\ \Phi_{10}$
108702	1540	1020	$\frac{1}{12}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{5}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{340}^{2}\ \Phi_{255}^{2}\ \Phi_{170}^{2}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{3}$
108703	1540	1930	$\frac{29}{386}$	$\frac{51}{386}$	$\frac{67}{386}$	$\frac{1}{5}$	$\Phi_{1930}\ \Phi_{965}\ \Phi_{10}$
108704	1540	570	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{570}^{4}\ \Phi_{285}^{4}\ \Phi_{190}^{2}\ \Phi_{95}^{2}\ \Phi_{30}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
108705	1540	120	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{120}^{18}\ \Phi_{60}^{13}\ \Phi_{40}^{19}\ \Phi_{30}^{14}\ \Phi_{20}^{14}\ \Phi_{15}^{14}\ \Phi_{10}^{15}\ \Phi_{5}^{14}$
108706	1540	275	$\frac{1}{11}$	$\frac{3}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{275}^{6}\ \Phi_{55}^{7}\ \Phi_{11}^{6}$
108707	1540	990	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{5}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{330}^{2}\ \Phi_{198}^{2}\ \Phi_{110}^{2}\ \Phi_{99}^{2}\ \Phi_{66}^{2}\ \Phi_{55}\ \Phi_{22}^{2}$
108708	1540	2520	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{63}$	$\frac{1}{5}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
108709	1540	408	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{7}{51}$	$\frac{3}{17}$	$\Phi_{408}^{5}\ \Phi_{204}^{5}\ \Phi_{136}^{3}\ \Phi_{102}^{5}\ \Phi_{68}^{3}\ \Phi_{34}^{3}\ \Phi_{24}^{5}\ \Phi_{12}^{5}\ \Phi_{8}^{2}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
108710	1541	2464	$\frac{1}{308}$	$\frac{309}{1232}$	$\frac{923}{2464}$	$\frac{307}{616}$	$\Phi_{2464}\ \Phi_{616}\ \Phi_{352}\ \Phi_{224}\ \Phi_{88}\ \Phi_{56}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
108711	1541	3072	$\frac{5}{1536}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1531}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{8}\ \Phi_{1}$
108712	1541	2640	$\frac{1}{220}$	$\frac{221}{1320}$	$\frac{1099}{2640}$	$\frac{219}{440}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{440}\ \Phi_{240}\ \Phi_{176}\ \Phi_{88}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
108713	1541	2800	$\frac{1}{140}$	$\frac{141}{1400}$	$\frac{1259}{2800}$	$\frac{139}{280}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{280}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{40}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
108714	1541	3060	$\frac{11}{1530}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1519}{3060}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{204}\ \Phi_{180}\ \Phi_{68}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
108715	1541	2060	$\frac{4}{515}$	$\frac{1}{5}$	$\frac{519}{2060}$	$\frac{511}{1030}$	$\Phi_{2060}\ \Phi_{515}\ \Phi_{412}\ \Phi_{103}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
108716	1541	3040	$\frac{21}{1520}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{1499}{3040}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
108717	1541	132	$\frac{1}{66}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{65}{132}$	$\Phi_{132}\ \Phi_{66}^{22}\ \Phi_{44}^{2}\ \Phi_{33}^{22}\ \Phi_{22}^{22}\ \Phi_{12}\ \Phi_{11}^{22}\ \Phi_{6}^{22}\ \Phi_{4}^{2}\ \Phi_{3}^{22}\ \Phi_{2}^{22}\ \Phi_{1}^{23}$
108718	1541	132	$\frac{1}{66}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{65}{132}$	$\Phi_{132}^{23}\ \Phi_{44}^{23}\ \Phi_{33}\ \Phi_{12}^{23}\ \Phi_{4}^{23}\ \Phi_{3}\ \Phi_{1}$
108719	1541	3024	$\frac{29}{1512}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{1483}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
108720	1541	3024	$\frac{29}{1512}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1483}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
108721	1541	2068	$\frac{10}{517}$	$\frac{1}{11}$	$\frac{527}{2068}$	$\frac{507}{1034}$	$\Phi_{2068}\ \Phi_{517}\ \Phi_{188}\ \Phi_{47}\ \Phi_{44}\ \Phi_4\ \Phi_1$
108722	1541	2992	$\frac{1}{44}$	$\frac{45}{1496}$	$\frac{1451}{2992}$	$\frac{43}{88}$	$\Phi_{2992}\ \Phi_{272}\ \Phi_{176}\ \Phi_{88}\ \Phi_{16}\ \Phi_8\ \Phi_1$
108723	1541	2072	$\frac{13}{518}$	$\frac{1}{14}$	$\frac{531}{2072}$	$\frac{505}{1036}$	$\Phi_{2072}\ \Phi_{518}\ \Phi_{296}\ \Phi_{259}\ \Phi_{74}\ \Phi_{56}\ \Phi_{37}\ \Phi_8\ \Phi_1$
108724	1541	3000	$\frac{41}{1500}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{1459}{3000}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{200}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
108725	1541	3000	$\frac{41}{1500}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1459}{3000}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{200}\ \Phi_{120}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_8\ \Phi_1$
108726	1541	1860	$\frac{9}{310}$	$\frac{1}{10}$	$\frac{319}{1860}$	$\frac{301}{620}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{465}\ \Phi_{372}\ \Phi_{310}\ \Phi_{186}\ \Phi_{155}\ \Phi_{93}\ \Phi_{62}\ \Phi_{60}\ \Phi_{31}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
108727	1541	2016	$\frac{1}{28}$	$\frac{29}{504}$	$\frac{475}{2016}$	$\frac{27}{56}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
108728	1541	1680	$\frac{1}{28}$	$\frac{139}{1680}$	$\frac{29}{168}$	$\frac{27}{56}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
108729	1541	2080	$\frac{19}{520}$	$\frac{1}{20}$	$\frac{539}{2080}$	$\frac{501}{1040}$	$\Phi_{2080}\ \Phi_{520}\ \Phi_{416}\ \Phi_{260}\ \Phi_{160}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
108730	1541	77	$\frac{3}{77}$	$\frac{8}{77}$	$\frac{10}{77}$	$\frac{37}{77}$	$\Phi_{77}^{20}\ \Phi_{11}^{20}\ \Phi_7^{20}\ \Phi_1^{21}$
108731	1541	3036	$\frac{2}{69}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{3036}\ \Phi_{1012}\ \Phi_{276}\ \Phi_{92}\ \Phi_{69}\ \Phi_{44}\ \Phi_{23}\ \Phi_4\ \Phi_1$
108732	1541	396	$\frac{1}{33}$	$\frac{1}{22}$	$\frac{32}{99}$	$\frac{21}{44}$	$\Phi_{396}^{11}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}^{11}\ \Phi_9\ \Phi_4\ \Phi_1$
108733	1541	88	$\frac{1}{22}$	$\frac{1}{22}$	$\frac{21}{88}$	$\frac{21}{44}$	$\Phi_{88}^{23}\ \Phi_{44}^2\ \Phi_{22}^{22}\ \Phi_{11}^{22}\ \Phi_8^{23}\ \Phi_4^2\ \Phi_2^{22}\ \Phi_1^{23}$
108734	1541	792	$\frac{1}{22}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{21}{44}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}^3\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{36}^3\ \Phi_{33}^2\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{12}\ \Phi_{11}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
108735	1541	308	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{21}{44}$	$\Phi_{308}^{11}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}^{11}\ \Phi_7\ \Phi_4\ \Phi_1$
108736	1541	384	$\frac{1}{24}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{384}^8\ \Phi_{128}^7\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
108737	1541	2940	$\frac{1}{35}$	$\frac{71}{1470}$	$\frac{34}{105}$	$\frac{1399}{2940}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{196}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
108738	1541	2280	$\frac{21}{760}$	$\frac{1}{20}$	$\frac{739}{2280}$	$\frac{19}{40}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{120}\ \Phi_{114}\ \Phi_{60}\ \Phi_{57}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
108739	1541	1600	$\frac{59}{1600}$	$\frac{1}{20}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_8\ \Phi_1$
108740	1541	1666	$\frac{6}{119}$	$\frac{125}{1666}$	$\frac{1}{7}$	$\frac{113}{238}$	$\Phi_{1666}\ \Phi_{833}\ \Phi_{119}\ \Phi_{98}\ \Phi_{49}\ \Phi_{17}\ \Phi_1$
108741	1541	2912	$\frac{1}{28}$	$\frac{85}{1456}$	$\frac{27}{112}$	$\frac{1371}{2912}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
108742	1541	2912	$\frac{85}{1456}$	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1371}{2912}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{224}\ \Phi_{91}\ \Phi_{32}\ \Phi_{13}\ \Phi_1$
108743	1541	2904	$\frac{1}{44}$	$\frac{89}{1452}$	$\frac{43}{132}$	$\frac{1363}{2904}$	$\Phi_{2904}\ \Phi_{968}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
108744	1541	2100	$\frac{1}{35}$	$\frac{34}{525}$	$\frac{559}{2100}$	$\frac{491}{1050}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{175}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{28}\ \Phi_{25}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
108745	1541	1638	$\frac{97}{1638}$	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{85}{182}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{234}\ \Phi_{126}\ \Phi_{117}\ \Phi_{91}\ \Phi_{78}\ \Phi_{63}\ \Phi_{42}\ \Phi_{39}\ \Phi_{21}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
108746	1541	2880	$\frac{1}{20}$	$\frac{101}{1440}$	$\frac{19}{120}$	$\frac{1339}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{120}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
108747	1541	2856	$\frac{6}{119}$	$\frac{113}{1428}$	$\frac{1}{7}$	$\frac{1315}{2856}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{168}\ \Phi_{136}\ \Phi_{119}\ \Phi_{56}\ \Phi_{24}\ \Phi_{17}\ \Phi_8\ \Phi_1$
108748	1541	2112	$\frac{1}{44}$	$\frac{43}{528}$	$\frac{571}{2112}$	$\frac{485}{1056}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{64}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
108749	1541	2816	$\frac{1}{44}$	$\frac{133}{1408}$	$\frac{43}{176}$	$\frac{1275}{2816}$	$\Phi_{2816}\ \Phi_{256}\ \Phi_{176}\ \Phi_{88}\ \Phi_{16}\ \Phi_8\ \Phi_1$
108750	1541	1428	$\frac{1}{68}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{238}\ \Phi_{204}^2\ \Phi_{119}\ \Phi_{102}^2\ \Phi_{84}\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{28}\ \Phi_{21}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
108751	1541	210	$\frac{3}{70}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{210}^7\ \Phi_{105}^7\ \Phi_{70}^9\ \Phi_{42}^4\ \Phi_{35}^9\ \Phi_{30}^7\ \Phi_{21}^7\ \Phi_{15}^7\ \Phi_{14}^6\ \Phi_{10}^9\ \Phi_7^8\ \Phi_6^4\ \Phi_5^9\ \Phi_3^7\ \Phi_2^6\ \Phi_1^9$
108752	1541	2800	$\frac{1}{35}$	$\frac{141}{1400}$	$\frac{34}{175}$	$\frac{1259}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{175}\ \Phi_{112}\ \Phi_{80}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
108753	1541	1890	$\frac{1}{35}$	$\frac{34}{315}$	$\frac{349}{1890}$	$\frac{281}{630}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
108754	1541	2772	$\frac{1}{77}$	$\frac{155}{1386}$	$\frac{76}{231}$	$\frac{1231}{2772}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{231}\ \Phi_{132}\ \Phi_{84}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
108755	1541	1792	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{251}{1792}$	$\frac{197}{448}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{256}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
108756	1541	2744	$\frac{1}{28}$	$\frac{169}{1372}$	$\frac{27}{196}$	$\frac{1203}{2744}$	$\Phi_{2744}\ \Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{8}\ \Phi_{1}$
108757	1541	544	$\frac{1}{68}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{544}^4\ \Phi_{136}^4\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{32}^3\ \Phi_{17}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
108758	1541	2156	$\frac{1}{77}$	$\frac{76}{539}$	$\frac{615}{2156}$	$\frac{463}{1078}$	$\Phi_{2156}\ \Phi_{539}\ \Phi_{308}\ \Phi_{196}\ \Phi_{49}\ \Phi_{44}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
108759	1541	2688	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{197}{1344}$	$\frac{1147}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
108760	1541	680	$\frac{1}{68}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{680}^4\ \Phi_{136}^4\ \Phi_{68}^3\ \Phi_{40}^3\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
108761	1541	1680	$\frac{1}{20}$	$\frac{139}{1680}$	$\frac{19}{120}$	$\frac{101}{240}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
108762	1541	2640	$\frac{1}{110}$	$\frac{221}{1320}$	$\frac{109}{330}$	$\frac{1099}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{330}\ \Phi_{240}\ \Phi_{176}\ \Phi_{165}\ \Phi_{80}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
108763	1541	2640	$\frac{1}{44}$	$\frac{43}{264}$	$\frac{221}{1320}$	$\frac{1099}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{264}\ \Phi_{240}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{80}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
108764	1541	1600	$\frac{59}{1600}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
108765	1541	2600	$\frac{1}{20}$	$\frac{19}{260}$	$\frac{241}{1300}$	$\frac{1059}{2600}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{260}\ \Phi_{200}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
108766	1541	1750	$\frac{1}{35}$	$\frac{209}{1750}$	$\frac{34}{175}$	$\frac{141}{350}$	$\Phi_{1750}\ \Phi_{875}\ \Phi_{250}\ \Phi_{175}\ \Phi_{125}\ \Phi_{25}\ \Phi_{1}$
108767	1541	2200	$\frac{1}{110}$	$\frac{109}{550}$	$\frac{659}{2200}$	$\frac{441}{1100}$	$\Phi_{2200}\ \Phi_{550}\ \Phi_{440}\ \Phi_{275}\ \Phi_{200}\ \Phi_{88}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
108768	1541	2520	$\frac{1}{140}$	$\frac{281}{1260}$	$\frac{139}{420}$	$\frac{979}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{72}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
108769	1541	2520	$\frac{1}{35}$	$\frac{34}{315}$	$\frac{281}{1260}$	$\frac{979}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
108770	1541	2480	$\frac{9}{310}$	$\frac{1}{10}$	$\frac{301}{1240}$	$\frac{939}{2480}$	$\Phi_{2480}\ \Phi_{496}\ \Phi_{310}\ \Phi_{155}\ \Phi_{80}\ \Phi_{62}\ \Phi_{31}\ \Phi_{16}\ \Phi_{1}$
108771	1541	1760	$\frac{1}{44}$	$\frac{219}{1760}$	$\frac{43}{176}$	$\frac{133}{352}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
108772	1541	2240	$\frac{1}{140}$	$\frac{139}{560}$	$\frac{699}{2240}$	$\frac{421}{1120}$	$\Phi_{2240}\ \Phi_{560}\ \Phi_{448}\ \Phi_{320}\ \Phi_{280}\ \Phi_{112}\ \Phi_{80}\ \Phi_{64}\ \Phi_{56}\ \Phi_{40}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
108773	1541	2304	$\frac{5}{768}$	$\frac{1}{4}$	$\frac{763}{2304}$	$\frac{3}{8}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
108774	1541	1552	$\frac{11}{1552}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1552}\ \Phi_{776}\ \Phi_{388}\ \Phi_{194}\ \Phi_{97}\ \Phi_{8}\ \Phi_{1}$
108775	1541	2048	$\frac{5}{512}$	$\frac{507}{2048}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{8}\ \Phi_{1}$
108776	1541	1560	$\frac{19}{1560}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
108777	1541	1920	$\frac{5}{384}$	$\frac{379}{1920}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
108778	1541	1568	$\frac{27}{1568}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{224}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
108779	1541	1792	$\frac{5}{256}$	$\frac{251}{1792}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
108780	1541	1728	$\frac{5}{192}$	$\frac{187}{1728}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
108781	1541	1584	$\frac{43}{1584}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
108782	1541	1600	$\frac{59}{1600}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
108783	1541	1664	$\frac{5}{128}$	$\frac{123}{1664}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
108784	1541	72	$\frac{1}{24}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^{23}\ \Phi_{36}^{23}\ \Phi_{24}^{18}\ \Phi_{18}^{23}\ \Phi_{12}^{18}\ \Phi_{9}^{23}\ \Phi_{8}^{19}\ \Phi_{6}^{18}\ \Phi_{4}^{18}\ \Phi_{3}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
108785	1541	1632	$\frac{5}{96}$	$\frac{91}{1632}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
108786	1541	1560	$\frac{19}{1560}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
108787	1541	612	$\frac{1}{68}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{204}^{4}\ \Phi_{153}^{2}\ \Phi_{102}^{4}\ \Phi_{68}^{3}\ \Phi_{51}^{4}\ \Phi_{36}\ \Phi_{34}^{3}\ \Phi_{18}^{2}\ \Phi_{17}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
108788	1541	2376	$\frac{1}{44}$	$\frac{43}{396}$	$\frac{353}{1188}$	$\frac{835}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{216}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
108789	1541	1584	$\frac{43}{1584}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
108790	1541	1596	$\frac{55}{1596}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{228}\ \Phi_{133}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{42}\ \Phi_{38}\ \Phi_{21}\ \Phi_{19}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
108791	1541	2352	$\frac{1}{28}$	$\frac{27}{392}$	$\frac{365}{1176}$	$\frac{811}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{392}\ \Phi_{336}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{48}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
108792	1541	408	$\frac{1}{24}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{408}^{4}\ \Phi_{204}^{4}\ \Phi_{136}^{4}\ \Phi_{102}^{3}\ \Phi_{68}^{4}\ \Phi_{51}^{4}\ \Phi_{34}^{3}\ \Phi_{24}^{3}\ \Phi_{17}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
108793	1541	1680	$\frac{1}{35}$	$\frac{139}{1680}$	$\frac{34}{105}$	$\frac{71}{210}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
108794	1541	1848	$\frac{1}{77}$	$\frac{307}{1848}$	$\frac{76}{231}$	$\frac{155}{462}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{56}\ \Phi_{44}\ \Phi_{33}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
108795	1541	1980	$\frac{1}{110}$	$\frac{439}{1980}$	$\frac{109}{330}$	$\frac{221}{660}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{45}\ \Phi_{36}\ \Phi_{33}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
108796	1541	759	$\frac{2}{69}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{759}^{2}\ \Phi_{253}^{2}\ \Phi_{69}^{3}\ \Phi_{33}\ \Phi_{23}^{3}\ \Phi_{3}\ \Phi_{1}$
108797	1541	2079	$\frac{1}{77}$	$\frac{155}{693}$	$\frac{538}{2079}$	$\frac{76}{231}$	$\Phi_{2079}\ \Phi_{297}\ \Phi_{231}\ \Phi_{189}\ \Phi_{33}\ \Phi_{27}\ \Phi_{21}\ \Phi_{3}\ \Phi_{1}$
108798	1541	2295	$\frac{11}{765}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{754}{2295}$	$\Phi_{2295}\ \Phi_{459}\ \Phi_{135}\ \Phi_{27}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
108799	1541	2205	$\frac{1}{35}$	$\frac{71}{735}$	$\frac{664}{2205}$	$\frac{34}{105}$	$\Phi_{2205}\ \Phi_{441}\ \Phi_{315}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{21}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
108800	1541	99	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{32}{99}$	$\Phi_{99}^{23}\ \Phi_{33}\ \Phi_{9}^{23}\ \Phi_{3}\ \Phi_{1}$
108801	1541	2268	$\frac{29}{756}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{727}{2268}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
108802	1541	1800	$\frac{1}{20}$	$\frac{41}{300}$	$\frac{259}{1800}$	$\frac{19}{60}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
108803	1541	1785	$\frac{6}{119}$	$\frac{244}{1785}$	$\frac{1}{7}$	$\frac{113}{357}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}\ \Phi_{85}\ \Phi_{35}\ \Phi_{17}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
108804	1541	2250	$\frac{41}{750}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{709}{2250}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{450}\ \Phi_{225}\ \Phi_{90}\ \Phi_{50}\ \Phi_{45}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
108805	1541	2016	$\frac{29}{504}$	$\frac{1}{14}$	$\frac{475}{2016}$	$\frac{13}{42}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{21}\ \Phi_{16}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
108806	1541	1638	$\frac{97}{1638}$	$\frac{1}{14}$	$\frac{29}{126}$	$\frac{13}{42}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{234}\ \Phi_{182}\ \Phi_{117}\ \Phi_{91}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{26}\ \Phi_{21}\ \Phi_{13}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
108807	1541	1890	$\frac{1}{14}$	$\frac{29}{378}$	$\frac{349}{1890}$	$\frac{13}{42}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{135}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
108808	1541	1680	$\frac{1}{14}$	$\frac{139}{1680}$	$\frac{29}{168}$	$\frac{13}{42}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
108809	1541	1764	$\frac{1}{14}$	$\frac{29}{252}$	$\frac{223}{1764}$	$\frac{13}{42}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
108810	1541	264	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{21}{88}$	$\frac{10}{33}$	$\Phi_{264}^{11}\ \Phi_{132}^{11}\ \Phi_{88}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}^{11}\ \Phi_{12}^{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
108811	1541	792	$\frac{5}{72}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{99}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{3}\ \Phi_{44}^{2}\ \Phi_{36}^{3}\ \Phi_{33}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
108812	1541	231	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{10}{33}$	$\Phi_{231}^{11}\ \Phi_{77}\ \Phi_{33}\ \Phi_{21}^{11}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
108813	1541	96	$\frac{1}{24}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{96}^{15}\ \Phi_{48}^{15}\ \Phi_{32}^{16}\ \Phi_{24}^{18}\ \Phi_{16}^{16}\ \Phi_{12}^{18}\ \Phi_{8}^{19}\ \Phi_{6}^{18}\ \Phi_{4}^{18}\ \Phi_{3}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
108814	1541	2184	$\frac{6}{91}$	$\frac{85}{728}$	$\frac{1}{7}$	$\frac{643}{2184}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{168}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{24}\ \Phi_{21}\ \Phi_{13}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
108815	1541	2016	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{475}{2016}$	$\frac{197}{672}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
108816	1541	2160	$\frac{1}{20}$	$\frac{101}{720}$	$\frac{19}{120}$	$\frac{619}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
108817	1541	140	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{140}^{14}\ \Phi_{70}^{9}\ \Phi_{35}^{9}\ \Phi_{28}^{11}\ \Phi_{20}^{14}\ \Phi_{14}^{6}\ \Phi_{10}^{9}\ \Phi_{7}^{8}\ \Phi_{5}^{9}\ \Phi_{4}^{11}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
108818	1541	2142	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{113}{714}$	$\frac{601}{2142}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{306}\ \Phi_{153}\ \Phi_{126}\ \Phi_{119}\ \Phi_{63}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
108819	1541	1800	$\frac{1}{20}$	$\frac{259}{1800}$	$\frac{19}{120}$	$\frac{101}{360}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
108820	1541	1650	$\frac{109}{1650}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{150}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{330}\ \Phi_{275}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{50}\ \Phi_{33}\ \Phi_{25}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
108821	1541	2112	$\frac{1}{44}$	$\frac{133}{704}$	$\frac{43}{176}$	$\frac{571}{2112}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
108822	1541	2040	$\frac{11}{510}$	$\frac{1}{5}$	$\frac{499}{2040}$	$\frac{4}{15}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{408}\ \Phi_{340}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}\ \Phi_{68}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
108823	1541	1575	$\frac{34}{1575}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{63}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
108824	1541	1785	$\frac{11}{255}$	$\frac{244}{1785}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{119}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
108825	1541	1620	$\frac{79}{1620}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
108826	1541	2100	$\frac{1}{35}$	$\frac{34}{175}$	$\frac{141}{700}$	$\frac{559}{2100}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}\ \Phi_{105}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
108827	1541	240	$\frac{1}{24}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}^{7}\ \Phi_{60}^{8}\ \Phi_{40}^{7}\ \Phi_{30}^{8}\ \Phi_{24}^{3}\ \Phi_{20}^{7}\ \Phi_{15}^{8}\ \Phi_{12}^{3}\ \Phi_{10}^{7}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{7}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
108828	1541	88	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{19}{88}$	$\frac{21}{88}$	$\Phi_{88}^{16}\ \Phi_{44}^{16}\ \Phi_{22}^{22}\ \Phi_{11}^{22}\ \Phi_{8}^{16}\ \Phi_{4}^{16}\ \Phi_{2}^{22}\ \Phi_{1}^{23}$
108829	1541	1904	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{363}{1904}$	$\frac{113}{476}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{272}\ \Phi_{136}\ \Phi_{119}\ \Phi_{112}\ \Phi_{56}\ \Phi_{17}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
108830	1541	1820	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{279}{1820}$	$\frac{85}{364}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{260}\ \Phi_{140}\ \Phi_{130}\ \Phi_{91}\ \Phi_{70}\ \Phi_{65}\ \Phi_{35}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
108831	1541	2000	$\frac{41}{500}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{459}{2000}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{400}\ \Phi_{200}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
108832	1541	1920	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{379}{1920}$	$\frac{101}{480}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
108833	1541	1750	$\frac{1}{10}$	$\frac{209}{1750}$	$\frac{41}{250}$	$\frac{9}{50}$	$\Phi_{1750}\ \Phi_{875}\ \Phi_{350}\ \Phi_{175}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{25}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
108834	1541	1800	$\frac{1}{10}$	$\frac{41}{300}$	$\frac{259}{1800}$	$\frac{9}{50}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
108835	1542	2560	$\frac{1}{256}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{255}{512}$	$\Phi_{2560}\ \Phi_{512}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
108836	1542	1536	$\frac{1}{256}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{255}{512}$	$\Phi_{1536}^{3}\ \Phi_{12}\ \Phi_{6}$
108837	1542	3570	$\frac{2}{255}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{253}{510}$	$\Phi_{3570}\ \Phi_{1190}\ \Phi_{714}\ \Phi_{238}\ \Phi_{210}\ \Phi_{70}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
108838	1542	1020	$\frac{2}{255}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{253}{510}$	$\Phi_{1020}^{2}\ \Phi_{340}^{2}\ \Phi_{255}^{2}\ \Phi_{204}^{2}\ \Phi_{85}^{2}\ \Phi_{68}^{2}\ \Phi_{60}^{2}\ \Phi_{51}^{2}\ \Phi_{20}^{3}\ \Phi_{17}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
108839	1542	1236	$\frac{1}{103}$	$\frac{52}{309}$	$\frac{1}{4}$	$\frac{51}{103}$	$\Phi_{1236}^{2}\ \Phi_{618}^{2}\ \Phi_{412}\ \Phi_{206}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
108840	1542	2408	$\frac{1}{86}$	$\frac{1}{7}$	$\frac{87}{344}$	$\frac{85}{172}$	$\Phi_{2408}\ \Phi_{602}\ \Phi_{301}\ \Phi_{56}\ \Phi_{14}$
108841	1542	1474	$\frac{1}{67}$	$\frac{34}{737}$	$\frac{703}{1474}$	$\frac{33}{67}$	$\Phi_{1474}^{2}\ \Phi_{134}^{2}\ \Phi_{67}\ \Phi_{22}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
108842	1542	506	$\frac{4}{253}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{249}{506}$	$\Phi_{506}^{6}\ \Phi_{46}^{6}\ \Phi_{23}\ \Phi_{22}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
108843	1542	506	$\frac{4}{253}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{249}{506}$	$\Phi_{506}^{6}\ \Phi_{46}^{6}\ \Phi_{23}\ \Phi_{22}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
108844	1542	504	$\frac{5}{252}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{247}{504}$	$\Phi_{504}^{6}\ \Phi_{168}^{6}\ \Phi_{72}^{6}\ \Phi_{56}^{6}\ \Phi_{42}\ \Phi_{24}^{6}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}^{6}$
108845	1542	1012	$\frac{1}{23}$	$\frac{12}{253}$	$\frac{241}{1012}$	$\frac{11}{23}$	$\Phi_{1012}^{2}\ \Phi_{506}^{2}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{44}^{2}\ \Phi_{23}\ \Phi_{22}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
108846	1542	276	$\frac{1}{23}$	$\frac{19}{276}$	$\frac{4}{23}$	$\frac{11}{23}$	$\Phi_{276}^{6}\ \Phi_{138}^{6}\ \Phi_{92}^{6}\ \Phi_{69}^{6}\ \Phi_{46}^{6}\ \Phi_{23}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
108847	1542	1472	$\frac{1}{23}$	$\frac{35}{736}$	$\frac{11}{46}$	$\frac{701}{1472}$	$\Phi_{1472}^2\ \Phi_{64}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_2^2\ \Phi_1^2$
108848	1542	268	$\frac{11}{268}$	$\frac{5}{67}$	$\frac{12}{67}$	$\frac{31}{67}$	$\Phi_{268}^6\ \Phi_{134}^6\ \Phi_{67}^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
108849	1542	469	$\frac{1}{67}$	$\frac{45}{469}$	$\frac{22}{67}$	$\frac{212}{469}$	$\Phi_{469}^3\ \Phi_{67}^5\ \Phi_7^3\ \Phi_1^6$
108850	1542	1072	$\frac{1}{67}$	$\frac{33}{268}$	$\frac{301}{1072}$	$\frac{235}{536}$	$\Phi_{1072}^2\ \Phi_{268}^2\ \Phi_{134}^2\ \Phi_{67}\ \Phi_{16}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
108851	1542	1340	$\frac{1}{67}$	$\frac{101}{670}$	$\frac{33}{134}$	$\frac{569}{1340}$	$\Phi_{1340}^2\ \Phi_{268}^2\ \Phi_{134}^2\ \Phi_{67}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
108852	1542	1848	$\frac{7}{264}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{77}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
108853	1542	3010	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{42}{215}$	$\frac{173}{430}$	$\Phi_{3010}\ \Phi_{602}\ \Phi_{301}\ \Phi_{70}\ \Phi_{14}$
108854	1542	1920	$\frac{1}{128}$	$\frac{1}{5}$	$\frac{127}{384}$	$\frac{2}{5}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}^2\ \Phi_{240}\ \Phi_{192}^2\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
108855	1542	260	$\frac{3}{260}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{260}^6\ \Phi_{130}^6\ \Phi_{65}^6\ \Phi_{52}^6\ \Phi_{26}^6\ \Phi_{20}^5\ \Phi_{13}^6\ \Phi_{10}^5\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
108856	1542	320	$\frac{1}{64}$	$\frac{63}{320}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{320}^5\ \Phi_{160}^5\ \Phi_{80}^5\ \Phi_{64}^4\ \Phi_{40}^5\ \Phi_{32}^4\ \Phi_{20}^5\ \Phi_{16}^4\ \Phi_{10}^5\ \Phi_8^4\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
108857	1542	1320	$\frac{7}{264}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}^2\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
108858	1542	1440	$\frac{1}{32}$	$\frac{31}{288}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}^2\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}^2\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{90}\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
108859	1542	1360	$\frac{15}{272}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{272}^2\ \Phi_{170}\ \Phi_{136}^2\ \Phi_{85}\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_5\ \Phi_1^2$
108860	1542	276	$\frac{1}{23}$	$\frac{19}{276}$	$\frac{11}{46}$	$\frac{35}{92}$	$\Phi_{276}^6\ \Phi_{138}^6\ \Phi_{92}^4\ \Phi_{69}^6\ \Phi_{46}^6\ \Phi_{23}^5\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
108861	1542	412	$\frac{1}{103}$	$\frac{51}{206}$	$\frac{1}{4}$	$\frac{155}{412}$	$\Phi_{412}^3\ \Phi_{206}^5\ \Phi_{103}^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
108862	1542	2328	$\frac{5}{776}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2328}\ \Phi_{1164}\ \Phi_{582}\ \Phi_{291}\ \Phi_{12}\ \Phi_6$
108863	1542	402	$\frac{1}{67}$	$\frac{11}{67}$	$\frac{56}{201}$	$\frac{145}{402}$	$\Phi_{402}^6\ \Phi_{134}^6\ \Phi_{67}^5\ \Phi_6^6\ \Phi_2^6\ \Phi_1^6$
108864	1542	268	$\frac{11}{268}$	$\frac{4}{67}$	$\frac{21}{67}$	$\frac{23}{67}$	$\Phi_{268}^6\ \Phi_{134}^6\ \Phi_{67}^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
108865	1542	391	$\frac{1}{23}$	$\frac{22}{391}$	$\frac{123}{391}$	$\frac{134}{391}$	$\Phi_{391}^4\ \Phi_{23}^3\ \Phi_{17}^4\ \Phi_1^4$
108866	1542	1158	$\frac{1}{193}$	$\frac{64}{193}$	$\frac{1}{3}$	$\frac{129}{386}$	$\Phi_{1158}^3\ \Phi_{579}\ \Phi_6^3$
108867	1542	384	$\frac{1}{128}$	$\frac{1}{4}$	$\frac{127}{384}$	$\frac{1}{3}$	$\Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^6\ \Phi_{96}^3\ \Phi_{64}^6\ \Phi_{48}^3\ \Phi_{32}^6\ \Phi_{24}^3\ \Phi_{16}^6\ \Phi_{12}^4\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
108868	1542	780	$\frac{3}{260}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{195}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{60}^3\ \Phi_{39}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
108869	1542	3072	$\frac{3}{256}$	$\frac{253}{1024}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3072}\ \Phi_{1536}\ \Phi_{12}\ \Phi_6$
108870	1542	960	$\frac{1}{64}$	$\frac{63}{320}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{960}^3\ \Phi_{480}^3\ \Phi_{240}^3\ \Phi_{120}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
108871	1542	2352	$\frac{13}{784}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
108872	1542	2688	$\frac{3}{128}$	$\frac{125}{896}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
108873	1542	264	$\frac{7}{264}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{264}^6\ \Phi_{132}^6\ \Phi_{88}^6\ \Phi_{66}^6\ \Phi_{44}^6\ \Phi_{33}^6\ \Phi_{24}^3\ \Phi_{22}^6\ \Phi_{12}^4\ \Phi_{11}^6\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
108874	1542	288	$\frac{1}{32}$	$\frac{31}{288}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{288}^6\ \Phi_{144}^6\ \Phi_{96}^3\ \Phi_{72}^6\ \Phi_{48}^3\ \Phi_{36}^6\ \Phi_{32}^6\ \Phi_{24}^3\ \Phi_{18}^6\ \Phi_{16}^6\ \Phi_{12}^4\ \Phi_9^6\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
108875	1542	2400	$\frac{29}{800}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
108876	1542	2496	$\frac{3}{64}$	$\frac{61}{832}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
108877	1542	816	$\frac{15}{272}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{816}^3\ \Phi_{408}^3\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{12}\ \Phi_6$
108878	1542	2142	$\frac{2}{51}$	$\frac{1}{7}$	$\frac{49}{306}$	$\frac{1}{3}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{714}\ \Phi_{238}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
108879	1542	1890	$\frac{13}{270}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{210}\ \Phi_{189}\ \Phi_{126}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
108880	1542	3060	$\frac{4}{255}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{251}{765}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{612}\ \Phi_{306}\ \Phi_{180}\ \Phi_{90}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}$
108881	1542	378	$\frac{5}{126}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{121}{378}$	$\Phi_{378}^6\ \Phi_{189}^6\ \Phi_{54}^6\ \Phi_{42}\ \Phi_{27}^6\ \Phi_{21}\ \Phi_{14}$
108882	1542	368	$\frac{1}{23}$	$\frac{35}{368}$	$\frac{11}{46}$	$\frac{111}{368}$	$\Phi_{368}^4\ \Phi_{184}^4\ \Phi_{92}^4\ \Phi_{46}^6\ \Phi_{23}^5\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^6\ \Phi_1^6$
108883	1542	1890	$\frac{13}{270}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{210}\ \Phi_{189}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
108884	1542	2100	$\frac{11}{525}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{70}\ \Phi_{50}\ \Phi_{42}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
108885	1542	340	$\frac{2}{85}$	$\frac{1}{5}$	$\frac{83}{340}$	$\frac{1}{4}$	$\Phi_{340}^4\ \Phi_{170}^4\ \Phi_{85}^6\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{20}^5\ \Phi_{17}^6\ \Phi_{10}^5\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
108886	1542	2380	$\frac{4}{85}$	$\frac{81}{595}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{476}\ \Phi_{238}\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
108887	1542	540	$\frac{13}{270}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{540}^4\ \Phi_{270}^2\ \Phi_{180}^4\ \Phi_{135}^2\ \Phi_{108}^4\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^4\ \Phi_{27}^2\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
108888	1542	920	$\frac{1}{23}$	$\frac{149}{920}$	$\frac{35}{184}$	$\frac{11}{46}$	$\Phi_{920}^2\ \Phi_{460}^2\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{46}^2\ \Phi_{40}^2\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
108889	1542	336	$\frac{5}{84}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{79}{336}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{56}^6\ \Phi_{48}^6\ \Phi_{42}\ \Phi_{24}^6\ \Phi_{21}\ \Phi_{16}^6\ \Phi_{14}\ \Phi_8^6$
108890	1542	276	$\frac{19}{276}$	$\frac{3}{23}$	$\frac{4}{23}$	$\frac{5}{23}$	$\Phi_{276}^6\ \Phi_{138}^6\ \Phi_{92}^6\ \Phi_{69}^6\ \Phi_{46}^6\ \Phi_{23}\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^2$
108891	1542	2016	$\frac{31}{288}$	$\frac{5}{36}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
108892	1542	294	$\frac{5}{42}$	$\frac{37}{294}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{294}^6\ \Phi_{147}^6\ \Phi_{98}^6\ \Phi_{49}^6\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
108893	1543	3072	$\frac{7}{1536}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1529}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{12}\ \Phi_4\ \Phi_1$
108894	1543	1854	$\frac{2}{309}$	$\frac{311}{1854}$	$\frac{1}{3}$	$\frac{307}{618}$	$\Phi_{1854}\ \Phi_{927}\ \Phi_{309}\ \Phi_{103}\ \Phi_{18}\ \Phi_9\ \Phi_1$
108895	1543	3060	$\frac{13}{1530}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1517}{3060}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{204}\ \Phi_{180}\ \Phi_{68}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
108896	1543	3060	$\frac{13}{1530}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1517}{3060}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{204}\ \Phi_{180}\ \Phi_{68}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
108897	1543	2064	$\frac{5}{516}$	$\frac{1}{6}$	$\frac{521}{2064}$	$\frac{511}{1032}$	$\Phi_{2064}\ \Phi_{688}\ \Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}\ \Phi_{48}\ \Phi_{43}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
108898	1543	3024	$\frac{31}{1512}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1481}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
108899	1543	1560	$\frac{17}{1560}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
108900	1543	1584	$\frac{41}{1584}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_1$
108901	1543	2304	$\frac{7}{768}$	$\frac{1}{6}$	$\frac{761}{2304}$	$\frac{5}{12}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
108902	1543	1560	$\frac{17}{1560}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
108903	1543	1920	$\frac{7}{384}$	$\frac{1}{6}$	$\frac{377}{1920}$	$\frac{5}{12}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
108904	1543	1584	$\frac{41}{1584}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_1$
108905	1543	1728	$\frac{7}{192}$	$\frac{185}{1728}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
108906	1543	1632	$\frac{89}{1632}$	$\frac{7}{96}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
108907	1543	2580	$\frac{5}{258}$	$\frac{1}{6}$	$\frac{253}{1290}$	$\frac{1037}{2580}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}\ \Phi_{60}\ \Phi_{43}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
108908	1543	2472	$\frac{2}{309}$	$\frac{307}{1236}$	$\frac{1}{3}$	$\frac{929}{2472}$	$\Phi_{2472}\ \Phi_{824}\ \Phi_{309}\ \Phi_{103}\ \Phi_{24}\ \Phi_8\ \Phi_1$
108909	1543	2295	$\frac{13}{765}$	$\frac{2}{15}$	$\frac{752}{2295}$	$\frac{1}{3}$	$\Phi_{2295}\ \Phi_{459}\ \Phi_{135}\ \Phi_{27}\ \Phi_{15}\ \Phi_5\ \Phi_1$
108910	1543	1575	$\frac{32}{1575}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{63}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
108911	1543	2040	$\frac{13}{510}$	$\frac{2}{15}$	$\frac{497}{2040}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{408}\ \Phi_{340}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}\ \Phi_{68}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
108912	1543	1620	$\frac{77}{1620}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
108913	1543	1785	$\frac{13}{255}$	$\frac{2}{15}$	$\frac{242}{1785}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{119}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
108914	1543	2268	$\frac{31}{756}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{725}{2268}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
108915	1543	1620	$\frac{77}{1620}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
108916	1543	1836	$\frac{13}{306}$	$\frac{293}{1836}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{204}\ \Phi_{108}\ \Phi_{68}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
108917	1543	1620	$\frac{77}{1620}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
108918	1543	2016	$\frac{31}{504}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{473}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
108919	1543	1728	$\frac{185}{1728}$	$\frac{5}{36}$	$\frac{31}{216}$	$\frac{1}{6}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
108920	1543	1764	$\frac{31}{252}$	$\frac{221}{1764}$	$\frac{5}{36}$	$\frac{1}{6}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
108921	1544	1155	$\frac{1}{385}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{192}{385}$	$\Phi_{1155}\ \Phi_{385}^2\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}^2\ \Phi_{55}^2\ \Phi_{35}^2\ \Phi_{33}\ \Phi_{21}\ \Phi_{15}\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
108922	1544	1543	$\frac{5}{1543}$	$\frac{387}{1543}$	$\frac{578}{1543}$	$\frac{769}{1543}$	$\Phi_{1543}\ \Phi_{1}^2$
108923	1544	2319	$\frac{3}{773}$	$\frac{194}{773}$	$\frac{1}{3}$	$\frac{385}{773}$	Φ_{2319}
108924	1544	2688	$\frac{1}{192}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{191}{384}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}^2\ \Phi_{128}^2\ \Phi_{7}\ \Phi_{1}^2$
108925	1544	1920	$\frac{1}{192}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{191}{384}$	$\Phi_{1920}^2\ \Phi_{640}^2\ \Phi_{15}$
108926	1544	1290	$\frac{1}{129}$	$\frac{1}{5}$	$\frac{65}{258}$	$\frac{64}{129}$	$\Phi_{1290}^2\ \Phi_{645}\ \Phi_{430}^2\ \Phi_{215}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
108927	1544	1890	$\frac{4}{189}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{185}{378}$	$\Phi_{1890}^2\ \Phi_{630}^2\ \Phi_{270}^2\ \Phi_{210}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
108928	1544	215	$\frac{1}{43}$	$\frac{22}{215}$	$\frac{1}{5}$	$\frac{21}{43}$	$\Phi_{215}^7\ \Phi_{43}^8\ \Phi_{5}^6\ \Phi_{1}^8$
108929	1544	990	$\frac{5}{198}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{90}^2\ \Phi_{55}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
108930	1544	1720	$\frac{1}{43}$	$\frac{21}{172}$	$\frac{1}{5}$	$\frac{151}{344}$	$\Phi_{1720}^2\ \Phi_{215}\ \Phi_{40}^2$
108931	1544	1365	$\frac{2}{195}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}^2\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{35}\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{1}^2$
108932	1544	2016	$\frac{1}{96}$	$\frac{1}{7}$	$\frac{95}{288}$	$\frac{3}{7}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}^2\ \Phi_{252}\ \Phi_{144}^2\ \Phi_{126}\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
108933	1544	196	$\frac{3}{196}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{196}^8\ \Phi_{98}^8\ \Phi_{49}^8\ \Phi_{28}^7\ \Phi_{14}^7\ \Phi_{7}^8\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^8$
108934	1544	1792	$\frac{1}{64}$	$\frac{1}{7}$	$\frac{63}{256}$	$\frac{3}{7}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{256}^2\ \Phi_{128}^2\ \Phi_{7}\ \Phi_{1}^2$
108935	1544	1680	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{47}{240}$	$\frac{3}{7}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{280}\ \Phi_{240}^2\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{80}^2\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{1}^2$
108936	1544	1386	$\frac{5}{198}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{198}^2\ \Phi_{154}\ \Phi_{126}\ \Phi_{99}^2\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{63}\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
108937	1544	224	$\frac{1}{32}$	$\frac{31}{224}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{224}^7\ \Phi_{112}^7\ \Phi_{56}^7\ \Phi_{32}^6\ \Phi_{28}^7\ \Phi_{16}^6\ \Phi_{14}^7\ \Phi_{8}^6\ \Phi_{7}^8\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^8$
108938	1544	1400	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{200}^2\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}^2\ \Phi_{70}\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{1}^2$
108939	1544	1512	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}^2\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
108940	1544	1428	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{238}\ \Phi_{204}^2\ \Phi_{119}\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{7}\ \Phi_{1}^2$
108941	1544	1456	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{208}^2\ \Phi_{182}\ \Phi_{104}^2\ \Phi_{91}\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{7}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
108942	1544	582	$\frac{1}{194}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{582}^{3}\ \Phi_{291}^{3}\ \Phi_{194}^{2}\ \Phi_{97}^{2}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
108943	1544	195	$\frac{2}{195}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^{8}\ \Phi_{65}^{8}\ \Phi_{39}^{8}\ \Phi_{15}^{7}\ \Phi_{13}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
108944	1544	231	$\frac{1}{77}$	$\frac{38}{231}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}^{7}\ \Phi_{77}^{6}\ \Phi_{33}^{7}\ \Phi_{21}^{7}\ \Phi_{11}^{6}\ \Phi_{7}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
108945	1544	588	$\frac{3}{196}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{588}^{2}\ \Phi_{294}^{2}\ \Phi_{196}^{4}\ \Phi_{147}^{2}\ \Phi_{98}^{4}\ \Phi_{84}^{2}\ \Phi_{49}^{4}\ \Phi_{42}^{2}\ \Phi_{28}^{4}\ \Phi_{21}\ \Phi_{14}^{4}\ \Phi_{12}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
108946	1544	660	$\frac{1}{55}$	$\frac{27}{220}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{4}\ \Phi_{165}\ \Phi_{132}^{2}\ \Phi_{110}^{4}\ \Phi_{66}^{2}\ \Phi_{60}^{2}\ \Phi_{55}^{2}\ \Phi_{44}^{4}\ \Phi_{33}\ \Phi_{30}^{2}\ \Phi_{22}^{4}\ \Phi_{20}^{4}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{10}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
108947	1544	198	$\frac{5}{198}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{198}^{8}\ \Phi_{99}^{8}\ \Phi_{66}^{8}\ \Phi_{33}^{7}\ \Phi_{22}^{8}\ \Phi_{18}^{8}\ \Phi_{11}^{6}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
108948	1544	210	$\frac{1}{35}$	$\frac{17}{210}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^{8}\ \Phi_{105}^{7}\ \Phi_{70}^{8}\ \Phi_{42}^{8}\ \Phi_{35}^{6}\ \Phi_{30}^{8}\ \Phi_{21}^{7}\ \Phi_{15}^{7}\ \Phi_{14}^{8}\ \Phi_{10}^{8}\ \Phi_{7}^{6}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
108949	1544	1440	$\frac{1}{96}$	$\frac{1}{5}$	$\frac{95}{288}$	$\frac{1}{3}$	$\Phi_{1440}^{2}\ \Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{15}$
108950	1544	2940	$\frac{3}{196}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{735}\ \Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{15}$
108951	1544	3840	$\frac{1}{64}$	$\frac{1}{5}$	$\frac{63}{256}$	$\frac{1}{3}$	$\Phi_{3840}\ \Phi_{1920}\ \Phi_{15}$
108952	1544	240	$\frac{1}{48}$	$\frac{47}{240}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{240}^{6}\ \Phi_{120}^{6}\ \Phi_{80}^{6}\ \Phi_{60}^{6}\ \Phi_{48}^{8}\ \Phi_{40}^{6}\ \Phi_{30}^{6}\ \Phi_{24}^{8}\ \Phi_{20}^{6}\ \Phi_{16}^{8}\ \Phi_{15}^{7}\ \Phi_{12}^{8}\ \Phi_{10}^{6}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
108953	1544	990	$\frac{5}{198}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{330}^{2}\ \Phi_{165}^{2}\ \Phi_{110}^{2}\ \Phi_{90}^{2}\ \Phi_{55}^{2}\ \Phi_{45}^{2}\ \Phi_{15}$
108954	1544	3360	$\frac{1}{32}$	$\frac{31}{224}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{15}$
108955	1544	600	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{600}^{4}\ \Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{120}^{3}\ \Phi_{75}^{4}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}$
108956	1544	1080	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{270}^{2}\ \Phi_{180}^{2}\ \Phi_{135}^{2}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{15}$
108957	1544	1020	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{340}^{2}\ \Phi_{255}^{2}\ \Phi_{170}^{2}\ \Phi_{85}^{2}\ \Phi_{15}$
108958	1544	3120	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{15}$
108959	1544	2835	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{181}{567}$	$\Phi_{2835}\ \Phi_{405}\ \Phi_{45}\ \Phi_{15}$
108960	1544	405	$\frac{19}{405}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{405}^{4}\ \Phi_{135}^{3}\ \Phi_{81}^{4}\ \Phi_{45}^{4}\ \Phi_{27}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
108961	1544	1290	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{21}{86}$	$\frac{65}{258}$	$\Phi_{1290}^{2}\ \Phi_{645}^{2}\ \Phi_{215}\ \Phi_{30}^{2}\ \Phi_{15}^{2}$
108962	1544	1260	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{59}{252}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{180}^{2}\ \Phi_{140}^{2}\ \Phi_{90}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{45}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{10}^{2}$
108963	1544	217	$\frac{3}{31}$	$\frac{24}{217}$	$\frac{1}{7}$	$\frac{7}{31}$	$\Phi_{217}^{7}\ \Phi_{31}^{8}\ \Phi_{7}^{6}\ \Phi_{1}^{8}$
108964	1544	1080	$\frac{23}{216}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{5}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{270}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{10}^{2}$
108965	1544	2205	$\frac{1}{9}$	$\frac{55}{441}$	$\frac{8}{63}$	$\frac{1}{5}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{245}\ \Phi_{45}\ \Phi_{15}$
108966	1545	616	$\frac{1}{308}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{307}{616}$	$\Phi_{616}\ \Phi_{308}^{4}\ \Phi_{154}^{4}\ \Phi_{88}\ \Phi_{77}^{4}\ \Phi_{56}\ \Phi_{44}^{4}\ \Phi_{28}^{4}\ \Phi_{22}^{4}\ \Phi_{14}^{4}\ \Phi_{11}^{4}\ \Phi_{8}^{2}\ \Phi_{7}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
108967	1545	2052	$\frac{2}{513}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{511}{1026}$	$\Phi_{2052}\ \Phi_{684}\ \Phi_{513}\ \Phi_{228}\ \Phi_{171}\ \Phi_{108}\ \Phi_{76}\ \Phi_{57}\ \Phi_{36}\ \Phi_{27}\ \Phi_{19}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
108968	1545	688	$\frac{1}{172}$	$\frac{1}{4}$	$\frac{173}{688}$	$\frac{171}{344}$	$\Phi_{688}^{3}\ \Phi_{172}^{3}\ \Phi_{86}^{3}\ \Phi_{43}^{3}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
108969	1545	1024	$\frac{3}{512}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{509}{1024}$	$\Phi_{1024}^{3}\ \Phi_{16}\ \Phi_{1}$
108970	1545	1024	$\frac{3}{512}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{509}{1024}$	$\Phi_{1024}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
108971	1545	1428	$\frac{1}{102}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{101}{204}$	$\Phi_{714}^{2}\ \Phi_{357}^{2}\ \Phi_{238}^{2}\ \Phi_{204}\ \Phi_{119}^{2}\ \Phi_{102}^{2}\ \Phi_{68}\ \Phi_{51}^{2}\ \Phi_{42}^{2}\ \Phi_{34}^{2}\ \Phi_{28}\ \Phi_{21}^{2}\ \Phi_{17}^{2}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
108972	1545	1428	$\frac{1}{102}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{101}{204}$	$\Phi_{1428}^{2}\ \Phi_{476}^{2}\ \Phi_{204}^{3}\ \Phi_{84}^{2}\ \Phi_{68}^{3}\ \Phi_{28}^{2}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
108973	1545	204	$\frac{1}{102}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{101}{204}$	$\Phi_{204}^{5}\ \Phi_{102}^{10}\ \Phi_{68}^{5}\ \Phi_{51}^{10}\ \Phi_{34}^{10}\ \Phi_{17}^{10}\ \Phi_{12}^{7}\ \Phi_{6}^{11}\ \Phi_{4}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
108974	1545	1830	$\frac{4}{305}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{301}{610}$	$\Phi_{1830}\ \Phi_{915}\ \Phi_{366}\ \Phi_{305}\ \Phi_{183}\ \Phi_{61}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
108975	1545	372	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{21}{124}$	$\frac{61}{124}$	$\Phi_{372}^{4}\ \Phi_{186}^{6}\ \Phi_{124}^{2}\ \Phi_{93}^{6}\ \Phi_{62}^{3}\ \Phi_{31}^{3}\ \Phi_{12}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
108976	1545	344	$\frac{3}{172}$	$\frac{35}{344}$	$\frac{1}{4}$	$\frac{169}{344}$	$\Phi_{344}^{4}\ \Phi_{172}^{5}\ \Phi_{86}^{5}\ \Phi_{43}^{5}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
108977	1545	1008	$\frac{11}{504}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{493}{1008}$	$\Phi_{1008}^{3}\,\Phi_{336}^{3}\,\Phi_{144}^{3}\,\Phi_{112}^{3}\,\Phi_{48}^{3}\,\Phi_{16}^{3}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
108978	1545	400	$\frac{3}{100}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{97}{200}$	$\Phi_{400}^{4}\,\Phi_{200}^{3}\,\Phi_{100}^{4}\,\Phi_{80}^{4}\,\Phi_{50}^{4}\,\Phi_{40}^{3}\,\Phi_{25}^{4}\,\Phi_{20}^{4}\,\Phi_{16}^{7}\,\Phi_{10}^{4}\,\Phi_{8}^{6}\,\Phi_{5}^{4}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
108979	1545	600	$\frac{3}{100}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{97}{200}$	$\Phi_{600}^{6}\,\Phi_{200}^{3}\,\Phi_{120}^{6}\,\Phi_{40}^{3}\,\Phi_{30}^{2}\,\Phi_{24}^{6}\,\Phi_{15}^{2}\,\Phi_{10}\,\Phi_{8}^{3}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
108980	1545	193	$\frac{4}{193}$	$\frac{13}{193}$	$\frac{63}{193}$	$\frac{90}{193}$	$\Phi_{193}^{8}\,\Phi_{1}^{9}$
108981	1545	420	$\frac{2}{105}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{420}^{7}\,\Phi_{140}^{7}\,\Phi_{105}\,\Phi_{84}^{6}\,\Phi_{60}^{7}\,\Phi_{35}\,\Phi_{28}^{7}\,\Phi_{21}\,\Phi_{20}^{7}\,\Phi_{15}\,\Phi_{12}^{6}\,\Phi_{7}\,\Phi_{5}\,\Phi_{4}^{7}\,\Phi_{1}$
108982	1545	4284	$\frac{1}{51}$	$\frac{1}{14}$	$\frac{50}{153}$	$\frac{13}{28}$	$\Phi_{4284}\,\Phi_{612}\,\Phi_{252}\,\Phi_{153}\,\Phi_{36}\,\Phi_{28}\,\Phi_{9}\,\Phi_{4}\,\Phi_{1}$
108983	1545	952	$\frac{1}{34}$	$\frac{1}{14}$	$\frac{33}{136}$	$\frac{13}{28}$	$\Phi_{952}^{2}\,\Phi_{238}^{2}\,\Phi_{136}^{3}\,\Phi_{119}^{2}\,\Phi_{68}\,\Phi_{56}^{2}\,\Phi_{34}^{2}\,\Phi_{28}\,\Phi_{17}^{2}\,\Phi_{14}^{2}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
108984	1545	756	$\frac{5}{108}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{756}^{2}\,\Phi_{378}^{2}\,\Phi_{252}^{2}\,\Phi_{189}^{2}\,\Phi_{126}^{2}\,\Phi_{108}^{3}\,\Phi_{63}^{2}\,\Phi_{54}^{3}\,\Phi_{42}^{2}\,\Phi_{36}^{3}\,\Phi_{28}\,\Phi_{27}^{3}\,\Phi_{21}^{2}\,\Phi_{18}^{3}\,\Phi_{14}^{2}\,\Phi_{12}\,\Phi_{9}^{3}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
108985	1545	476	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{16}{119}$	$\frac{13}{28}$	$\Phi_{476}^{6}\,\Phi_{119}\,\Phi_{68}^{6}\,\Phi_{28}^{7}\,\Phi_{7}\,\Phi_{4}^{7}\,\Phi_{1}$
108986	1545	192	$\frac{1}{16}$	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{192}$	$\Phi_{192}^{15}\,\Phi_{64}^{15}\,\Phi_{16}^{7}\,\Phi_{8}^{6}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
108987	1545	528	$\frac{13}{528}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{528}^{3}\,\Phi_{264}^{3}\,\Phi_{176}^{3}\,\Phi_{132}^{3}\,\Phi_{88}^{3}\,\Phi_{66}^{3}\,\Phi_{48}^{3}\,\Phi_{44}^{3}\,\Phi_{33}^{3}\,\Phi_{22}^{3}\,\Phi_{16}^{3}\,\Phi_{12}^{3}\,\Phi_{11}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
108988	1545	1892	$\frac{1}{43}$	$\frac{42}{473}$	$\frac{1}{4}$	$\frac{431}{946}$	$\Phi_{1892}\,\Phi_{473}\,\Phi_{172}^{2}\,\Phi_{86}\,\Phi_{44}\,\Phi_{43}\,\Phi_{11}\,\Phi_{4}\,\Phi_{1}$
108989	1545	960	$\frac{11}{320}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{960}^{2}\,\Phi_{480}^{2}\,\Phi_{320}\,\Phi_{240}^{2}\,\Phi_{192}^{2}\,\Phi_{160}\,\Phi_{120}^{2}\,\Phi_{96}^{2}\,\Phi_{80}\,\Phi_{64}\,\Phi_{48}^{2}\,\Phi_{40}\,\Phi_{32}\,\Phi_{30}^{2}\,\Phi_{24}^{2}\,\Phi_{16}\,\Phi_{15}^{2}\,\Phi_{10}\,\Phi_{8}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
108990	1545	186	$\frac{1}{31}$	$\frac{10}{93}$	$\frac{1}{6}$	$\frac{83}{186}$	$\Phi_{186}^{7}\,\Phi_{93}^{10}\,\Phi_{62}^{7}\,\Phi_{31}^{9}\,\Phi_{6}^{6}\,\Phi_{3}^{9}\,\Phi_{2}^{6}\,\Phi_{1}^{9}$
108991	1545	2752	$\frac{3}{172}$	$\frac{169}{1376}$	$\frac{1}{4}$	$\frac{1207}{2752}$	$\Phi_{2752}\,\Phi_{172}\,\Phi_{86}\,\Phi_{64}\,\Phi_{43}\,\Phi_{1}$
108992	1545	768	$\frac{3}{256}$	$\frac{1}{8}$	$\frac{253}{768}$	$\frac{7}{16}$	$\Phi_{768}^{3}\,\Phi_{384}^{3}\,\Phi_{192}^{3}\,\Phi_{96}^{3}\,\Phi_{48}^{3}\,\Phi_{24}^{3}\,\Phi_{16}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{3}^{3}\,\Phi_{1}$
108993	1545	1568	$\frac{23}{1568}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1568}\,\Phi_{784}\,\Phi_{392}\,\Phi_{224}\,\Phi_{196}\,\Phi_{112}\,\Phi_{98}\,\Phi_{56}\,\Phi_{49}\,\Phi_{28}\,\Phi_{16}\,\Phi_{14}\,\Phi_{7}\,\Phi_{1}$
108994	1545	2048	$\frac{9}{512}$	$\frac{1}{8}$	$\frac{503}{2048}$	$\frac{7}{16}$	$\Phi_{2048}\,\Phi_{1024}\,\Phi_{16}\,\Phi_{1}$
108995	1545	128	$\frac{3}{128}$	$\frac{1}{8}$	$\frac{25}{128}$	$\frac{7}{16}$	$\Phi_{128}^{12}\,\Phi_{64}^{12}\,\Phi_{32}^{12}\,\Phi_{16}^{13}\,\Phi_{8}^{12}\,\Phi_{4}^{12}\,\Phi_{2}^{12}\,\Phi_{1}^{13}$
108996	1545	528	$\frac{13}{528}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{528}^{3}\,\Phi_{264}^{3}\,\Phi_{176}^{3}\,\Phi_{132}^{3}\,\Phi_{88}^{3}\,\Phi_{66}^{3}\,\Phi_{48}^{3}\,\Phi_{44}^{3}\,\Phi_{33}^{3}\,\Phi_{24}^{3}\,\Phi_{22}^{3}\,\Phi_{16}\,\Phi_{12}^{3}\,\Phi_{11}^{3}\,\Phi_{6}^{3}\,\Phi_{3}^{3}\,\Phi_{1}$
108997	1545	320	$\frac{11}{320}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{320}^{5}\,\Phi_{160}^{5}\,\Phi_{80}^{5}\,\Phi_{64}^{4}\,\Phi_{40}^{5}\,\Phi_{32}^{4}\,\Phi_{20}^{5}\,\Phi_{16}^{5}\,\Phi_{10}^{5}\,\Phi_{8}^{4}\,\Phi_{5}^{5}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
108998	1545	1792	$\frac{9}{256}$	$\frac{1}{8}$	$\frac{247}{1792}$	$\frac{7}{16}$	$\Phi_{1792}\,\Phi_{896}\,\Phi_{448}\,\Phi_{224}\,\Phi_{112}\,\Phi_{56}\,\Phi_{28}\,\Phi_{16}\,\Phi_{14}\,\Phi_{7}\,\Phi_{1}$
108999	1545	576	$\frac{3}{64}$	$\frac{61}{576}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{576}^{3}\,\Phi_{288}^{3}\,\Phi_{192}^{3}\,\Phi_{144}^{3}\,\Phi_{96}^{3}\,\Phi_{72}^{3}\,\Phi_{48}^{3}\,\Phi_{36}^{3}\,\Phi_{24}^{3}\,\Phi_{18}^{3}\,\Phi_{16}\,\Phi_{12}^{3}\,\Phi_{9}^{3}\,\Phi_{6}^{3}\,\Phi_{3}^{3}\,\Phi_{1}$
109000	1545	544	$\frac{29}{544}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{544}^{3}\,\Phi_{272}^{3}\,\Phi_{136}^{3}\,\Phi_{68}^{3}\,\Phi_{34}^{3}\,\Phi_{17}^{3}\,\Phi_{16}\,\Phi_{1}$
109001	1545	112	$\frac{1}{16}$	$\frac{9}{112}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{112}^{15}\,\Phi_{56}^{15}\,\Phi_{28}^{15}\,\Phi_{16}^{7}\,\Phi_{14}^{15}\,\Phi_{8}^{6}\,\Phi_{7}^{15}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
109002	1545	1664	$\frac{9}{128}$	$\frac{119}{1664}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1664}\,\Phi_{832}\,\Phi_{416}\,\Phi_{208}\,\Phi_{104}\,\Phi_{52}\,\Phi_{26}\,\Phi_{16}\,\Phi_{13}\,\Phi_{1}$
109003	1545	1456	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{79}{182}$	$\Phi_{1456}\,\Phi_{728}\,\Phi_{364}\,\Phi_{208}^{2}\,\Phi_{112}\,\Phi_{104}^{2}\,\Phi_{91}\,\Phi_{56}\,\Phi_{52}^{2}\,\Phi_{28}\,\Phi_{26}\,\Phi_{16}\,\Phi_{13}\,\Phi_{8}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
109004	1545	172	$\frac{1}{86}$	$\frac{17}{86}$	$\frac{1}{4}$	$\frac{69}{172}$	$\Phi_{172}^{7}\,\Phi_{86}^{11}\,\Phi_{43}^{11}\,\Phi_{4}^{6}\,\Phi_{2}^{10}\,\Phi_{1}^{11}$
109005	1545	1488	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{61}{248}$	$\frac{187}{496}$	$\Phi_{1488}^{2}\,\Phi_{496}\,\Phi_{186}^{2}\,\Phi_{93}^{2}\,\Phi_{62}\,\Phi_{48}^{2}\,\Phi_{31}\,\Phi_{16}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
109006	1545	616	$\frac{1}{154}$	$\frac{1}{4}$	$\frac{51}{154}$	$\frac{3}{8}$	$\Phi_{616}^{4}\,\Phi_{154}^{2}\,\Phi_{88}^{4}\,\Phi_{77}^{2}\,\Phi_{56}^{4}\,\Phi_{22}^{2}\,\Phi_{14}^{2}\,\Phi_{11}^{2}\,\Phi_{8}^{5}\,\Phi_{7}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
109007	1545	104	$\frac{1}{104}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{104}^{15}\,\Phi_{52}^{15}\,\Phi_{26}^{15}\,\Phi_{13}^{15}\,\Phi_{8}^{12}\,\Phi_{4}^{14}\,\Phi_{2}^{14}\,\Phi_{1}^{15}$
109008	1545	3080	$\frac{1}{77}$	$\frac{76}{385}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3080}\,\Phi_{440}\,\Phi_{385}\,\Phi_{280}\,\Phi_{55}\,\Phi_{40}\,\Phi_{35}\,\Phi_{8}\,\Phi_{5}\,\Phi_{1}$
109009	1545	840	$\frac{2}{105}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^{3}\,\Phi_{280}^{3}\,\Phi_{168}^{3}\,\Phi_{120}^{3}\,\Phi_{105}^{3}\,\Phi_{56}^{2}\,\Phi_{40}^{3}\,\Phi_{35}^{3}\,\Phi_{24}^{3}\,\Phi_{21}^{3}\,\Phi_{15}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{5}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
109010	1545	352	$\frac{1}{44}$	$\frac{43}{352}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{352}^{5}\,\Phi_{176}^{5}\,\Phi_{88}\,\Phi_{44}^{4}\,\Phi_{32}^{5}\,\Phi_{22}^{4}\,\Phi_{16}^{5}\,\Phi_{11}^{4}\,\Phi_{8}^{2}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
109011	1545	2552	$\frac{10}{319}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2552}\ \Phi_{319}\ \Phi_{232}\ \Phi_{29}\ \Phi_{8}\ \Phi_{1}$
109012	1545	112	$\frac{1}{28}$	$\frac{9}{112}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{112}^{15}\ \Phi_{56}^{11}\ \Phi_{28}^{14}\ \Phi_{16}^{15}\ \Phi_{14}^{14}\ \Phi_{8}^{12}\ \Phi_{7}^{14}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
109013	1545	1288	$\frac{13}{322}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1288}^{2}\ \Phi_{322}\ \Phi_{184}^{2}\ \Phi_{161}\ \Phi_{46}\ \Phi_{23}\ \Phi_{8}\ \Phi_{1}$
109014	1545	440	$\frac{1}{22}$	$\frac{7}{110}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^{6}\ \Phi_{110}^{3}\ \Phi_{88}^{4}\ \Phi_{55}^{3}\ \Phi_{40}^{6}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{5}\ \Phi_{5}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
109015	1545	624	$\frac{1}{26}$	$\frac{1}{16}$	$\frac{25}{78}$	$\frac{53}{156}$	$\Phi_{624}^{2}\ \Phi_{312}^{2}\ \Phi_{208}^{4}\ \Phi_{156}\ \Phi_{104}^{4}\ \Phi_{78}^{2}\ \Phi_{52}^{3}\ \Phi_{48}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{3}\ \Phi_{24}^{2}\ \Phi_{16}^{3}\ \Phi_{13}^{3}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
109016	1545	1548	$\frac{1}{129}$	$\frac{1}{4}$	$\frac{128}{387}$	$\frac{259}{774}$	$\Phi_{1548}\ \Phi_{516}^{2}\ \Phi_{387}\ \Phi_{258}\ \Phi_{172}^{2}\ \Phi_{129}\ \Phi_{86}\ \Phi_{43}\ \Phi_{36}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
109017	1545	772	$\frac{1}{193}$	$\frac{64}{193}$	$\frac{257}{772}$	$\frac{129}{386}$	$\Phi_{772}^{3}\ \Phi_{193}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
109018	1545	663	$\frac{2}{221}$	$\frac{148}{663}$	$\frac{73}{221}$	$\frac{1}{3}$	$\Phi_{663}^{2}\ \Phi_{221}^{3}\ \Phi_{51}^{2}\ \Phi_{39}^{2}\ \Phi_{17}^{3}\ \Phi_{13}^{3}\ \Phi_{3}\ \Phi_{1}^{3}$
109019	1545	105	$\frac{2}{105}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{105}^{15}\ \Phi_{35}^{15}\ \Phi_{21}^{13}\ \Phi_{15}^{15}\ \Phi_{7}^{15}\ \Phi_{5}^{15}\ \Phi_{3}^{12}\ \Phi_{1}^{15}$
109020	1545	684	$\frac{2}{171}$	$\frac{169}{684}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{684}^{2}\ \Phi_{342}^{2}\ \Phi_{228}^{2}\ \Phi_{171}^{3}\ \Phi_{114}^{2}\ \Phi_{76}^{2}\ \Phi_{57}^{3}\ \Phi_{38}^{2}\ \Phi_{36}^{2}\ \Phi_{19}^{3}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
109021	1545	1044	$\frac{7}{522}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1044}^{2}\ \Phi_{522}\ \Phi_{348}^{2}\ \Phi_{261}\ \Phi_{174}\ \Phi_{116}^{2}\ \Phi_{87}\ \Phi_{58}\ \Phi_{36}\ \Phi_{29}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
109022	1545	420	$\frac{2}{105}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^{5}\ \Phi_{210}^{2}\ \Phi_{140}^{5}\ \Phi_{105}^{3}\ \Phi_{84}^{5}\ \Phi_{70}^{2}\ \Phi_{60}^{5}\ \Phi_{42}^{2}\ \Phi_{35}^{3}\ \Phi_{30}^{2}\ \Phi_{28}^{5}\ \Phi_{21}^{3}\ \Phi_{20}^{5}\ \Phi_{15}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{7}^{3}\ \Phi_{6}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
109023	1545	228	$\frac{2}{57}$	$\frac{11}{114}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^{9}\ \Phi_{114}^{4}\ \Phi_{76}^{9}\ \Phi_{57}^{5}\ \Phi_{38}^{4}\ \Phi_{19}^{5}\ \Phi_{12}^{10}\ \Phi_{6}^{5}\ \Phi_{4}^{9}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
109024	1545	108	$\frac{5}{108}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{108}^{14}\ \Phi_{54}^{14}\ \Phi_{36}^{14}\ \Phi_{27}^{15}\ \Phi_{18}^{14}\ \Phi_{12}^{15}\ \Phi_{9}^{15}\ \Phi_{6}^{15}\ \Phi_{4}^{14}\ \Phi_{3}^{15}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
109025	1545	768	$\frac{3}{256}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{253}{768}$	$\Phi_{768}^{3}\ \Phi_{384}^{3}\ \Phi_{192}^{3}\ \Phi_{96}^{3}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
109026	1545	1071	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{50}{153}$	$\Phi_{1071}^{2}\ \Phi_{153}^{3}\ \Phi_{63}^{2}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
109027	1545	612	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{50}{153}$	$\Phi_{612}^{5}\ \Phi_{306}^{2}\ \Phi_{153}^{3}\ \Phi_{36}^{5}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
109028	1545	372	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{21}{124}$	$\frac{10}{31}$	$\Phi_{372}^{6}\ \Phi_{186}^{4}\ \Phi_{124}^{3}\ \Phi_{93}^{4}\ \Phi_{62}\ \Phi_{31}^{3}\ \Phi_{12}^{6}\ \Phi_{6}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
109029	1545	756	$\frac{11}{252}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{241}{756}$	$\Phi_{756}^{3}\ \Phi_{378}^{3}\ \Phi_{189}^{3}\ \Phi_{108}^{3}\ \Phi_{54}^{3}\ \Phi_{27}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
109030	1545	150	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{47}{150}$	$\Phi_{150}^{9}\ \Phi_{75}^{9}\ \Phi_{50}^{12}\ \Phi_{30}^{11}\ \Phi_{25}^{12}\ \Phi_{15}^{11}\ \Phi_{10}^{13}\ \Phi_{6}^{10}\ \Phi_{5}^{13}\ \Phi_{3}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
109031	1545	108	$\frac{5}{108}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{108}^{15}\ \Phi_{54}^{15}\ \Phi_{36}^{12}\ \Phi_{27}^{15}\ \Phi_{18}^{12}\ \Phi_{12}^{15}\ \Phi_{9}^{12}\ \Phi_{6}^{15}\ \Phi_{4}^{14}\ \Phi_{3}^{15}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
109032	1545	330	$\frac{7}{110}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{330}^{6}\ \Phi_{165}^{6}\ \Phi_{110}^{3}\ \Phi_{66}^{6}\ \Phi_{55}^{3}\ \Phi_{33}^{6}\ \Phi_{30}^{2}\ \Phi_{22}^{3}\ \Phi_{15}^{2}\ \Phi_{11}^{3}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
109033	1545	240	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{7}{24}$	$\Phi_{240}^{8}\ \Phi_{120}^{7}\ \Phi_{80}^{8}\ \Phi_{60}^{7}\ \Phi_{40}^{7}\ \Phi_{30}^{7}\ \Phi_{20}^{7}\ \Phi_{16}^{7}\ \Phi_{15}^{7}\ \Phi_{10}^{7}\ \Phi_{8}^{6}\ \Phi_{5}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
109034	1545	952	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{33}{136}$	$\frac{2}{7}$	$\Phi_{952}^{2}\ \Phi_{476}^{2}\ \Phi_{136}^{3}\ \Phi_{68}^{3}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
109035	1545	756	$\frac{5}{108}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{756}^{2}\ \Phi_{378}^{2}\ \Phi_{252}^{2}\ \Phi_{189}^{2}\ \Phi_{126}^{2}\ \Phi_{108}^{3}\ \Phi_{84}^{2}\ \Phi_{63}^{2}\ \Phi_{54}^{3}\ \Phi_{36}^{3}\ \Phi_{28}^{2}\ \Phi_{27}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
109036	1545	119	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{119}^{13}\ \Phi_{17}^{12}\ \Phi_{7}^{15}\ \Phi_{1}^{15}$
109037	1545	144	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{144}$	$\Phi_{144}^{15}\ \Phi_{72}^{15}\ \Phi_{36}^{15}\ \Phi_{18}^{15}\ \Phi_{16}^{7}\ \Phi_{9}^{15}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
109038	1545	688	$\frac{3}{172}$	$\frac{169}{688}$	$\frac{1}{4}$	$\frac{173}{688}$	$\Phi_{688}^{2}\ \Phi_{344}^{2}\ \Phi_{172}^{3}\ \Phi_{86}^{3}\ \Phi_{43}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
109039	1545	128	$\frac{3}{128}$	$\frac{25}{128}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{128}^{12}\ \Phi_{64}^{12}\ \Phi_{32}^{12}\ \Phi_{16}^{12}\ \Phi_{8}^{12}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
109040	1545	528	$\frac{13}{528}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{176}^{3}\ \Phi_{132}^{3}\ \Phi_{88}^{3}\ \Phi_{66}^{3}\ \Phi_{48}^{3}\ \Phi_{44}^{3}\ \Phi_{33}^{3}\ \Phi_{24}^{3}\ \Phi_{22}^{3}\ \Phi_{12}^{3}\ \Phi_{11}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
109041	1545	576	$\frac{3}{64}$	$\frac{61}{576}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{576}^{3}\ \Phi_{288}^{3}\ \Phi_{192}^{3}\ \Phi_{144}^{3}\ \Phi_{96}^{3}\ \Phi_{72}^{3}\ \Phi_{48}^{3}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
109042	1545	544	$\frac{29}{544}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{544}^{3}\ \Phi_{272}^{3}\ \Phi_{136}^{3}\ \Phi_{68}^{3}\ \Phi_{34}^{3}\ \Phi_{17}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
109043	1545	408	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{33}{136}$	$\frac{1}{4}$	$\Phi_{408}^{6}\ \Phi_{204}^{2}\ \Phi_{136}^{3}\ \Phi_{102}^{4}\ \Phi_{68}\ \Phi_{51}^{4}\ \Phi_{34}^{2}\ \Phi_{24}^{6}\ \Phi_{17}^{2}\ \Phi_{12}^{4}\ \Phi_{8}^{3}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
109044	1545	672	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{157}{672}$	$\frac{1}{4}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}^{3}\ \Phi_{112}^{3}\ \Phi_{96}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
109045	1545	108	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{108}^{15}\ \Phi_{54}^{15}\ \Phi_{36}^{15}\ \Phi_{27}^{15}\ \Phi_{18}^{15}\ \Phi_{12}^{7}\ \Phi_{9}^{15}\ \Phi_{6}^{11}\ \Phi_{4}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
109046	1545	612	$\frac{5}{102}$	$\frac{97}{612}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{612}^{3}\ \Phi_{306}^{3}\ \Phi_{204}^{3}\ \Phi_{153}^{3}\ \Phi_{102}^{2}\ \Phi_{68}\ \Phi_{51}^{2}\ \Phi_{36}^{3}\ \Phi_{34}^{2}\ \Phi_{18}^{3}\ \Phi_{17}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
109047	1545	1428	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1428}^{2}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{119}\ \Phi_{84}^{2}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
109048	1545	576	$\frac{1}{12}$	$\frac{61}{576}$	$\frac{11}{72}$	$\frac{1}{4}$	$\Phi_{576}^{3}\ \Phi_{288}^{3}\ \Phi_{192}^{3}\ \Phi_{144}^{3}\ \Phi_{96}^{3}\ \Phi_{64}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
109049	1545	240	$\frac{1}{16}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{240}^{8}\ \Phi_{120}^{7}\ \Phi_{80}^{4}\ \Phi_{60}^{7}\ \Phi_{48}^{8}\ \Phi_{40}^{3}\ \Phi_{30}^{7}\ \Phi_{24}^{7}\ \Phi_{20}^{4}\ \Phi_{16}^{7}\ \Phi_{15}^{7}\ \Phi_{12}^{7}\ \Phi_{10}^{4}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
109050	1545	588	$\frac{1}{12}$	$\frac{73}{588}$	$\frac{11}{84}$	$\frac{1}{4}$	$\Phi_{588}^{3}\ \Phi_{294}^{3}\ \Phi_{196}^{3}\ \Phi_{147}^{3}\ \Phi_{98}^{3}\ \Phi_{49}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
109051	1545	1200	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{91}{400}$	$\Phi_{1200}^{2}\ \Phi_{600}^{2}\ \Phi_{400}\ \Phi_{240}^{2}\ \Phi_{200}\ \Phi_{120}^{2}\ \Phi_{80}\ \Phi_{48}^{2}\ \Phi_{40}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
109052	1545	128	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{25}{128}$	$\frac{7}{32}$	$\Phi_{128}^{15}\ \Phi_{64}^{15}\ \Phi_{16}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
109053	1545	1050	$\frac{1}{10}$	$\frac{41}{350}$	$\frac{1}{6}$	$\frac{9}{50}$	$\Phi_{1050}^{2}\ \Phi_{525}^{2}\ \Phi_{350}\ \Phi_{210}^{2}\ \Phi_{175}\ \Phi_{105}^{2}\ \Phi_{70}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
109054	1545	120	$\frac{1}{10}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{6}$	$\Phi_{120}^{15}\ \Phi_{60}^{9}\ \Phi_{40}^{15}\ \Phi_{30}^{11}\ \Phi_{24}^{15}\ \Phi_{20}^{12}\ \Phi_{15}^{11}\ \Phi_{12}^{9}\ \Phi_{10}^{13}\ \Phi_{8}^{15}\ \Phi_{6}^{10}\ \Phi_{5}^{13}\ \Phi_{4}^{12}\ \Phi_{3}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
109055	1546	1542	$\frac{2}{771}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{769}{1542}$	$\Phi_{1542}^{2}\ \Phi_{514}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
109056	1546	1236	$\frac{1}{309}$	$\frac{155}{618}$	$\frac{463}{1236}$	$\frac{154}{309}$	$\Phi_{1236}^{2}\ \Phi_{412}^{2}\ \Phi_{309}\ \Phi_{103}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
109057	1546	1032	$\frac{1}{258}$	$\frac{259}{1032}$	$\frac{1}{3}$	$\frac{257}{516}$	$\Phi_{1032}^{2}\ \Phi_{344}^{2}\ \Phi_{258}^{2}\ \Phi_{129}^{2}\ \Phi_{86}^{2}\ \Phi_{43}^{2}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
109058	1546	1540	$\frac{3}{770}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{767}{1540}$	$\Phi_{1540}^{2}\ \Phi_{308}^{2}\ \Phi_{220}^{2}\ \Phi_{140}^{2}\ \Phi_{44}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
109059	1546	1539	$\frac{7}{1539}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{766}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
109060	1546	1536	$\frac{5}{768}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{763}{1536}$	$\Phi_{1536}^{2}\ \Phi_{512}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
109061	1546	1442	$\frac{1}{103}$	$\frac{52}{721}$	$\frac{669}{1442}$	$\frac{51}{103}$	$\Phi_{1442}^{2}\ \Phi_{206}^{2}\ \Phi_{103}\ \Phi_{14}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
109062	1546	1530	$\frac{8}{765}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{757}{1530}$	$\Phi_{1530}^{2}\ \Phi_{510}^{2}\ \Phi_{306}^{2}\ \Phi_{170}^{2}\ \Phi_{102}^{2}\ \Phi_{90}^{2}\ \Phi_{34}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
109063	1546	1530	$\frac{8}{765}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{757}{1530}$	$\Phi_{1530}^{2}\ \Phi_{510}^{2}\ \Phi_{306}^{2}\ \Phi_{170}^{2}\ \Phi_{102}^{2}\ \Phi_{90}^{2}\ \Phi_{34}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
109064	1546	2580	$\frac{1}{86}$	$\frac{87}{860}$	$\frac{1}{3}$	$\frac{85}{172}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{645}\ \Phi_{258}\ \Phi_{129}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
109065	1546	930	$\frac{2}{155}$	$\frac{157}{930}$	$\frac{1}{5}$	$\frac{153}{310}$	$\Phi_{930}^{2}\ \Phi_{465}^{2}\ \Phi_{186}^{2}\ \Phi_{155}^{2}\ \Phi_{93}^{2}\ \Phi_{31}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
109066	1546	1525	$\frac{21}{1525}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{752}{1525}$	$\Phi_{1525}\ \Phi_{305}\ \Phi_{61}\ \Phi_{25}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
109067	1546	1512	$\frac{17}{756}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{739}{1512}$	$\Phi_{1512}^{2}\ \Phi_{504}^{2}\ \Phi_{216}^{2}\ \Phi_{168}^{2}\ \Phi_{72}^{2}\ \Phi_{56}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
109068	1546	1500	$\frac{23}{750}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{727}{1500}$	$\Phi_{1500}^{2}\ \Phi_{500}^{2}\ \Phi_{300}^{2}\ \Phi_{100}^{2}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
109069	1546	1500	$\frac{23}{750}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{727}{1500}$	$\Phi_{1500}^{2}\ \Phi_{500}^{2}\ \Phi_{300}^{2}\ \Phi_{100}^{2}\ \Phi_{60}^{2}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
109070	1546	792	$\frac{19}{792}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{99}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
109071	1546	4386	$\frac{1}{43}$	$\frac{42}{731}$	$\frac{1}{3}$	$\frac{689}{1462}$	$\Phi_{4386}\ \Phi_{258}\ \Phi_{129}\ \Phi_{102}\ \Phi_{6}$
109072	1546	1020	$\frac{8}{255}$	$\frac{1}{15}$	$\frac{247}{1020}$	$\frac{7}{15}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{340}^{2}\ \Phi_{204}^{2}\ \Phi_{170}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{60}^{2}\ \Phi_{34}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
109073	1546	810	$\frac{37}{810}$	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{810}^{2}\ \Phi_{405}^{2}\ \Phi_{270}^{2}\ \Phi_{162}^{2}\ \Phi_{135}^{2}\ \Phi_{90}^{2}\ \Phi_{81}^{2}\ \Phi_{54}^{2}\ \Phi_{30}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
109074	1546	1440	$\frac{1}{15}$	$\frac{53}{720}$	$\frac{7}{60}$	$\frac{667}{1440}$	$\Phi_{1440}^{2}\ \Phi_{480}^{2}\ \Phi_{288}^{2}\ \Phi_{160}^{2}\ \Phi_{96}^{2}\ \Phi_{60}^{2}\ \Phi_{32}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
109075	1546	800	$\frac{27}{800}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{800}^{2}\ \Phi_{400}^{2}\ \Phi_{200}^{2}\ \Phi_{160}^{2}\ \Phi_{100}^{2}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
109076	1546	1419	$\frac{2}{129}$	$\frac{127}{1419}$	$\frac{1}{3}$	$\frac{646}{1419}$	$\Phi_{1419}\ \Phi_{473}\ \Phi_{129}^{2}\ \Phi_{43}^{2}\ \Phi_{33}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
109077	1546	1395	$\frac{4}{155}$	$\frac{151}{1395}$	$\frac{1}{5}$	$\frac{622}{1395}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}\ \Phi_{155}^2\ \Phi_{93}\ \Phi_{45}\ \Phi_{31}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
109078	1546	840	$\frac{1}{15}$	$\frac{67}{840}$	$\frac{7}{60}$	$\frac{53}{120}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
109079	1546	4128	$\frac{1}{86}$	$\frac{85}{688}$	$\frac{1}{3}$	$\frac{603}{1376}$	$\Phi_{4128}\ \Phi_{258}\ \Phi_{129}\ \Phi_{96}\ \Phi_6$
109080	1546	1365	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{181}{1365}$	$\frac{592}{1365}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}^2\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{13}^2\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
109081	1546	780	$\frac{7}{780}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
109082	1546	1290	$\frac{1}{129}$	$\frac{128}{645}$	$\frac{1}{3}$	$\frac{517}{1290}$	$\Phi_{1290}^2\ \Phi_{430}^2\ \Phi_{258}^2\ \Phi_{129}^2\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
109083	1546	1155	$\frac{3}{385}$	$\frac{1}{5}$	$\frac{382}{1155}$	$\frac{2}{5}$	$\Phi_{1155}^2\ \Phi_{231}^2\ \Phi_{165}^2\ \Phi_{105}^2\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
109084	1546	780	$\frac{7}{780}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
109085	1546	880	$\frac{3}{110}$	$\frac{107}{880}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{80}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
109086	1546	805	$\frac{32}{805}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{805}^2\ \Phi_{161}^2\ \Phi_{115}^2\ \Phi_{23}^2\ \Phi_5\ \Phi_1^2$
109087	1546	840	$\frac{3}{70}$	$\frac{67}{840}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
109088	1546	825	$\frac{3}{55}$	$\frac{52}{825}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}^2\ \Phi_{75}^2\ \Phi_{33}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
109089	1546	1240	$\frac{2}{155}$	$\frac{1}{5}$	$\frac{153}{620}$	$\frac{467}{1240}$	$\Phi_{1240}^2\ \Phi_{248}^2\ \Phi_{155}^2\ \Phi_{40}^2\ \Phi_{31}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
109090	1546	1236	$\frac{1}{103}$	$\frac{51}{206}$	$\frac{155}{618}$	$\frac{463}{1236}$	$\Phi_{1236}^2\ \Phi_{412}^2\ \Phi_{206}^2\ \Phi_{103}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
109091	1546	1170	$\frac{7}{195}$	$\frac{1}{15}$	$\frac{188}{585}$	$\frac{397}{1170}$	$\Phi_{1170}^2\ \Phi_{390}^2\ \Phi_{234}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{90}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
109092	1546	1161	$\frac{2}{387}$	$\frac{385}{1161}$	$\frac{1}{3}$	$\frac{388}{1161}$	$\Phi_{1161}\ \Phi_{387}^2\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_{27}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
109093	1546	1152	$\frac{5}{384}$	$\frac{1}{6}$	$\frac{379}{1152}$	$\frac{1}{3}$	$\Phi_{1152}^2\ \Phi_{576}^2\ \Phi_{288}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
109094	1546	1134	$\frac{17}{378}$	$\frac{1}{18}$	$\frac{361}{1134}$	$\frac{1}{3}$	$\Phi_{1134}^2\ \Phi_{567}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
109095	1546	810	$\frac{37}{810}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{81}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
109096	1546	783	$\frac{10}{783}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{783}^2\ \Phi_{261}^2\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{27}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
109097	1546	1032	$\frac{1}{86}$	$\frac{85}{344}$	$\frac{259}{1032}$	$\frac{1}{3}$	$\Phi_{1032}\ \Phi_{516}\ \Phi_{344}^2\ \Phi_{258}^2\ \Phi_{172}^2\ \Phi_{129}^2\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
109098	1546	1026	$\frac{7}{513}$	$\frac{2}{9}$	$\frac{253}{1026}$	$\frac{1}{3}$	$\Phi_{1026}^2\ \Phi_{513}\ \Phi_{342}^2\ \Phi_{171}\ \Phi_{114}^2\ \Phi_{57}\ \Phi_{54}^2\ \Phi_{38}^2\ \Phi_{27}\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
109099	1546	1008	$\frac{1}{18}$	$\frac{17}{252}$	$\frac{235}{1008}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
109100	1546	855	$\frac{7}{171}$	$\frac{82}{855}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{171}\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{45}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
109101	1546	810	$\frac{37}{810}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{81}\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
109102	1546	792	$\frac{19}{792}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
109103	1546	960	$\frac{5}{192}$	$\frac{1}{6}$	$\frac{187}{960}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
109104	1546	810	$\frac{37}{810}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
109105	1546	864	$\frac{5}{96}$	$\frac{91}{864}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
109106	1546	816	$\frac{43}{816}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
109107	1546	918	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{145}{918}$	$\frac{1}{3}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{306}^2\ \Phi_{102}^2\ \Phi_{54}^2\ \Phi_{34}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
109108	1546	864	$\frac{1}{18}$	$\frac{91}{864}$	$\frac{17}{108}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
109109	1546	882	$\frac{1}{18}$	$\frac{109}{882}$	$\frac{17}{126}$	$\frac{1}{3}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{294}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
109110	1546	930	$\frac{4}{155}$	$\frac{157}{930}$	$\frac{1}{5}$	$\frac{151}{465}$	$\Phi_{930}^2\ \Phi_{465}\ \Phi_{310}^2\ \Phi_{186}^2\ \Phi_{155}^2\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
109111	1546	1125	$\frac{23}{375}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{352}{1125}$	$\Phi_{1125}^2\ \Phi_{225}^2\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{1}^2$
109112	1546	825	$\frac{52}{825}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{75}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{25}^2\ \Phi_{11}^2\ \Phi_{5}\ \Phi_{1}^2$
109113	1546	900	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{127}{900}$	$\frac{53}{180}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
109114	1546	1080	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{53}{360}$	$\frac{307}{1080}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
109115	1546	900	$\frac{1}{15}$	$\frac{127}{900}$	$\frac{23}{150}$	$\frac{7}{30}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
109116	1546	1000	$\frac{2}{25}$	$\frac{23}{250}$	$\frac{1}{5}$	$\frac{227}{1000}$	$\Phi_{1000}^2\ \Phi_{500}^2\ \Phi_{200}^2\ \Phi_{100}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
109117	1546	960	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{187}{960}$	$\frac{53}{240}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
109118	1546	875	$\frac{2}{25}$	$\frac{102}{875}$	$\frac{23}{125}$	$\frac{1}{5}$	$\Phi_{875}^2\ \Phi_{175}^2\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{7}^2\ \Phi_{5}\ \Phi_{1}^2$
109119	1546	900	$\frac{2}{25}$	$\frac{127}{900}$	$\frac{23}{150}$	$\frac{1}{5}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
109120	1547	1320	$\frac{1}{220}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{219}{440}$	$\Phi_{1320}^2\ \Phi_{440}^3\ \Phi_{264}^2\ \Phi_{120}^2\ \Phi_{88}^3\ \Phi_{40}^3\ \Phi_{24}^2\ \Phi_{12}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
109121	1547	3960	$\frac{1}{220}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{219}{440}$	$\Phi_{3960}\ \Phi_{792}\ \Phi_{440}\ \Phi_{360}\ \Phi_{88}\ \Phi_{72}\ \Phi_{40}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
109122	1547	1416	$\frac{1}{118}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{117}{236}$	$\Phi_{1416}^2\ \Phi_{472}^2\ \Phi_{236}\ \Phi_{24}^3\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
109123	1547	3540	$\frac{1}{118}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{117}{236}$	$\Phi_{3540}\ \Phi_{1180}\ \Phi_{236}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
109124	1547	2124	$\frac{1}{118}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{117}{236}$	$\Phi_{2124}^2\ \Phi_{236}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
109125	1547	944	$\frac{1}{118}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{117}{236}$	$\Phi_{944}^2\ \Phi_{472}^2\ \Phi_{236}\ \Phi_{16}^3\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
109126	1547	1752	$\frac{2}{219}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{217}{438}$	$\Phi_{1752}\ \Phi_{876}\ \Phi_{584}\ \Phi_{292}\ \Phi_{219}\ \Phi_{73}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
109127	1547	1440	$\frac{1}{90}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{89}{180}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}^2\ \Phi_{180}\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{60}\ \Phi_{36}\ \Phi_{32}^3\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
109128	1547	360	$\frac{1}{90}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{89}{180}$	$\Phi_{360}^4\ \Phi_{180}^5\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^5\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}^5\ \Phi_{30}^4\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_{9}^4\ \Phi_{8}^4\ \Phi_{6}^5\ \Phi_{5}^4\ \Phi_{4}^5\ \Phi_{3}^5\ \Phi_{2}^4\ \Phi_{1}^5$
109129	1547	180	$\frac{1}{90}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{89}{180}$	$\Phi_{180}^9\ \Phi_{90}^8\ \Phi_{60}^9\ \Phi_{45}^8\ \Phi_{36}^9\ \Phi_{30}^8\ \Phi_{20}^{10}\ \Phi_{18}^8\ \Phi_{15}^8\ \Phi_{12}^9\ \Phi_{10}^9\ \Phi_{9}^8\ \Phi_{6}^8\ \Phi_{5}^9\ \Phi_{4}^9\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^9$
109130	1547	296	$\frac{1}{74}$	$\frac{1}{8}$	$\frac{75}{296}$	$\frac{73}{148}$	$\Phi_{296}^5\ \Phi_{148}^6\ \Phi_{74}^5\ \Phi_{37}^5\ \Phi_{8}^4\ \Phi_{4}^5\ \Phi_{2}^4\ \Phi_{1}^5$
109131	1547	1638	$\frac{2}{117}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{115}{234}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{182}\ \Phi_{126}\ \Phi_{117}\ \Phi_{91}\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{13}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
109132	1547	432	$\frac{5}{216}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{211}{432}$	$\Phi_{432}^7\ \Phi_{144}^7\ \Phi_{48}^7\ \Phi_{24}^2\ \Phi_{16}^7\ \Phi_{12}^2\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
109133	1547	1120	$\frac{1}{40}$	$\frac{1}{14}$	$\frac{41}{160}$	$\frac{39}{80}$	$\Phi_{1120}^2\ \Phi_{280}^2\ \Phi_{224}^2\ \Phi_{160}\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{35}^2\ \Phi_{32}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
109134	1547	1624	$\frac{3}{116}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{113}{232}$	$\Phi_{1624}^2\ \Phi_{232}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
109135	1547	1584	$\frac{3}{88}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{85}{176}$	$\Phi_{1584}^2\ \Phi_{528}^2\ \Phi_{176}\ \Phi_{144}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
109136	1547	1610	$\frac{4}{115}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{111}{230}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{322}\ \Phi_{161}\ \Phi_{115}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{23}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
109137	1547	1008	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{25}{144}$	$\frac{23}{48}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
109138	1547	1596	$\frac{5}{114}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{109}{228}$	$\Phi_{1596}^2\ \Phi_{532}^2\ \Phi_{228}\ \Phi_{84}^2\ \Phi_{76}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
109139	1547	2976	$\frac{2}{93}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{93}\ \Phi_{32}\ \Phi_{31}\ \Phi_1$
109140	1547	4320	$\frac{1}{45}$	$\frac{1}{16}$	$\frac{44}{135}$	$\frac{15}{32}$	$\Phi_{4320}\ \Phi_{864}\ \Phi_{135}\ \Phi_{32}\ \Phi_{27}\ \Phi_1$
109141	1547	480	$\frac{1}{30}$	$\frac{1}{16}$	$\frac{29}{120}$	$\frac{15}{32}$	$\Phi_{480}^6\ \Phi_{160}^6\ \Phi_{120}\ \Phi_{96}^6\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}^7\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
109142	1547	3040	$\frac{4}{95}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{95}\ \Phi_{32}\ \Phi_{19}\ \Phi_1$
109143	1547	96	$\frac{5}{96}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{96}^{15}\ \Phi_{48}^{17}\ \Phi_{32}^{16}\ \Phi_{24}^{17}\ \Phi_{16}^{17}\ \Phi_{12}^{17}\ \Phi_8^{17}\ \Phi_6^{16}\ \Phi_4^{17}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
109144	1547	864	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{17}{108}$	$\frac{15}{32}$	$\Phi_{864}^4\ \Phi_{288}^2\ \Phi_{108}\ \Phi_{96}^2\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}^3\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
109145	1547	480	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{15}{32}$	$\Phi_{480}^6\ \Phi_{160}^6\ \Phi_{96}^6\ \Phi_{32}^7\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^6\ \Phi_1^7$
109146	1547	224	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{15}{32}$	$\Phi_{224}^{14}\ \Phi_{56}^2\ \Phi_{32}^7\ \Phi_{28}^2\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
109147	1547	3168	$\frac{1}{16}$	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{15}{32}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{99}\ \Phi_{33}\ \Phi_{32}\ \Phi_{11}\ \Phi_1$
109148	1547	800	$\frac{1}{16}$	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{15}{32}$	$\Phi_{800}^4\ \Phi_{160}^2\ \Phi_{100}\ \Phi_{50}\ \Phi_{32}^3\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
109149	1547	1540	$\frac{1}{14}$	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{220}$	$\Phi_{1540}^2\ \Phi_{308}^2\ \Phi_{220}\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{44}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
109150	1547	1416	$\frac{1}{59}$	$\frac{1}{12}$	$\frac{58}{177}$	$\frac{11}{24}$	$\Phi_{1416}^2\ \Phi_{472}^2\ \Phi_{177}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_3\ \Phi_1$
109151	1547	1416	$\frac{3}{59}$	$\frac{1}{12}$	$\frac{8}{59}$	$\frac{11}{24}$	$\Phi_{1416}^2\ \Phi_{472}^2\ \Phi_{59}^2\ \Phi_{24}^3\ \Phi_8^3\ \Phi_1^3$
109152	1547	72	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{72}^{20}\ \Phi_{36}^{26}\ \Phi_{24}^{17}\ \Phi_{18}^{25}\ \Phi_{12}^{22}\ \Phi_9^{25}\ \Phi_8^{16}\ \Phi_6^{21}\ \Phi_4^{21}\ \Phi_3^{21}\ \Phi_2^{20}\ \Phi_1^{21}$
109153	1547	1512	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{216}$	$\Phi_{1512}^2\ \Phi_{504}^2\ \Phi_{216}\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{72}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
109154	1547	896	$\frac{9}{128}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{896}^2\ \Phi_{448}^2\ \Phi_{224}^2\ \Phi_{128}\ \Phi_{64}\ \Phi_{56}^2\ \Phi_{32}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
109155	1547	1380	$\frac{1}{92}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}^2\ \Phi_{230}\ \Phi_{138}^2\ \Phi_{115}\ \Phi_{92}\ \Phi_{69}^2\ \Phi_{60}\ \Phi_{46}\ \Phi_{23}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
109156	1547	210	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{2}{15}$	$\frac{13}{30}$	$\Phi_{210}^8\ \Phi_{105}^8\ \Phi_{70}^8\ \Phi_{42}^8\ \Phi_{35}^8\ \Phi_{30}\ \Phi_{21}^8\ \Phi_{15}^7\ \Phi_{14}^7\ \Phi_{10}\ \Phi_7^7\ \Phi_6\ \Phi_5^7\ \Phi_3^7\ \Phi_1^7$
109157	1547	660	$\frac{1}{110}$	$\frac{1}{6}$	$\frac{109}{330}$	$\frac{5}{12}$	$\Phi_{660}^4\ \Phi_{330}\ \Phi_{220}^4\ \Phi_{165}\ \Phi_{132}^4\ \Phi_{66}\ \Phi_{60}^4\ \Phi_{44}^4\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
109158	1547	552	$\frac{1}{92}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{552}^4\ \Phi_{276}^2\ \Phi_{184}^4\ \Phi_{138}^2\ \Phi_{92}\ \Phi_{69}^2\ \Phi_{46}\ \Phi_{24}^3\ \Phi_{23}\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
109159	1547	672	$\frac{3}{224}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^3\ \Phi_{168}^2\ \Phi_{112}^3\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{56}^3\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_7^3\ \Phi_4\ \Phi_1$
109160	1547	900	$\frac{4}{225}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{900}^3\ \Phi_{300}^3\ \Phi_{225}\ \Phi_{180}^3\ \Phi_{100}^3\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^3\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^3\ \Phi_9\ \Phi_4^3\ \Phi_3\ \Phi_1$
109161	1547	3300	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{54}{275}$	$\frac{5}{12}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{300}\ \Phi_{275}\ \Phi_{100}\ \Phi_{25}\ \Phi_{12}\ \Phi_4\ \Phi_1$
109162	1547	264	$\frac{1}{44}$	$\frac{43}{264}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{264}^7\ \Phi_{132}^5\ \Phi_{88}^7\ \Phi_{66}^5\ \Phi_{44}^4\ \Phi_{33}^5\ \Phi_{24}^7\ \Phi_{22}^4\ \Phi_{12}^6\ \Phi_{11}^4\ \Phi_8^7\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
109163	1547	456	$\frac{7}{228}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{456}^4\ \Phi_{228}^3\ \Phi_{152}^4\ \Phi_{114}^3\ \Phi_{76}^3\ \Phi_{57}^3\ \Phi_{38}^3\ \Phi_{24}^2\ \Phi_{19}^3\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
109164	1547	1380	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1380}^2\ \Phi_{460}^2\ \Phi_{276}^2\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}^2\ \Phi_{46}\ \Phi_{23}\ \Phi_{12}\ \Phi_4\ \Phi_1$
109165	1547	924	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{924}^3\ \Phi_{308}^3\ \Phi_{231}\ \Phi_{132}^2\ \Phi_{84}^3\ \Phi_{77}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{28}^3\ \Phi_{21}\ \Phi_{12}^3\ \Phi_7\ \Phi_4^3\ \Phi_3\ \Phi_1$
109166	1547	1452	$\frac{1}{22}$	$\frac{21}{242}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1452}^2\ \Phi_{484}^2\ \Phi_{242}\ \Phi_{121}\ \Phi_{12}\ \Phi_4\ \Phi_1$
109167	1547	240	$\frac{1}{20}$	$\frac{19}{240}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{80}^7\ \Phi_{60}^5\ \Phi_{48}^7\ \Phi_{40}^7\ \Phi_{30}^5\ \Phi_{24}^7\ \Phi_{20}^4\ \Phi_{16}^7\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_8^7\ \Phi_6^5\ \Phi_5^4\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
109168	1547	660	$\frac{3}{55}$	$\frac{4}{55}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{660}^4\ \Phi_{220}^4\ \Phi_{132}^4\ \Phi_{60}^4\ \Phi_{55}^4\ \Phi_{44}^4\ \Phi_{20}^4\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_5^4\ \Phi_4^5\ \Phi_1^5$
109169	1547	252	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{252}^{12}\ \Phi_{126}^2\ \Phi_{84}^{10}\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}^6\ \Phi_{28}^{10}\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}^5\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
109170	1547	1400	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{19}{100}$	$\frac{81}{200}$	$\Phi_{1400}^2\ \Phi_{280}^2\ \Phi_{200}\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
109171	1547	1480	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{36}{185}$	$\frac{149}{370}$	$\Phi_{1480}\ \Phi_{740}\ \Phi_{296}^2\ \Phi_{185}\ \Phi_{148}^2\ \Phi_{74}\ \Phi_{40}\ \Phi_{37}\ \Phi_{20}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
109172	1547	1344	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{23}{96}$	$\frac{73}{192}$	$\Phi_{1344}^2\ \Phi_{448}^2\ \Phi_{192}\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{64}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
109173	1547	288	$\frac{5}{96}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{288}^6\ \Phi_{144}^6\ \Phi_{96}^5\ \Phi_{72}^4\ \Phi_{48}^5\ \Phi_{36}^6\ \Phi_{32}^5\ \Phi_{24}^3\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
109174	1547	414	$\frac{1}{23}$	$\frac{1}{18}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{414}^4\ \Phi_{207}^4\ \Phi_{138}^3\ \Phi_{69}^4\ \Phi_{46}^3\ \Phi_{23}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_6^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
109175	1547	1260	$\frac{1}{30}$	$\frac{1}{14}$	$\frac{29}{90}$	$\frac{61}{180}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{180}\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
109176	1547	990	$\frac{1}{110}$	$\frac{2}{9}$	$\frac{109}{330}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
109177	1547	885	$\frac{1}{59}$	$\frac{2}{15}$	$\frac{58}{177}$	$\frac{1}{3}$	$\Phi_{885}^2\ \Phi_{295}^2\ \Phi_{177}\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3\ \Phi_1$
109178	1547	744	$\frac{2}{93}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{744}^2\ \Phi_{372}^2\ \Phi_{248}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{93}^3\ \Phi_{62}^2\ \Phi_{31}^3\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
109179	1547	2016	$\frac{3}{224}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
109180	1547	1860	$\frac{2}{93}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{465}\ \Phi_{310}\ \Phi_{155}\ \Phi_{93}\ \Phi_{31}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
109181	1547	1092	$\frac{2}{39}$	$\frac{1}{14}$	$\frac{37}{156}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}^2\ \Phi_{52}\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{13}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
109182	1547	225	$\frac{4}{225}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{225}^7\ \Phi_{75}^7\ \Phi_{45}^6\ \Phi_{25}^7\ \Phi_{15}^7\ \Phi_9^7\ \Phi_5^6\ \Phi_3^7\ \Phi_1^7$
109183	1547	2475	$\frac{1}{55}$	$\frac{54}{275}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2475}\ \Phi_{275}\ \Phi_{225}\ \Phi_{25}\ \Phi_9\ \Phi_1$
109184	1547	792	$\frac{1}{44}$	$\frac{43}{264}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{792}^3\ \Phi_{396}^2\ \Phi_{264}\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{99}^2\ \Phi_{88}\ \Phi_{72}^3\ \Phi_{66}\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^3\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
109185	1547	2070	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{414}\ \Phi_{230}\ \Phi_{207}\ \Phi_{115}\ \Phi_{46}\ \Phi_{23}\ \Phi_9\ \Phi_1$
109186	1547	693	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{693}^3\ \Phi_{231}\ \Phi_{99}^2\ \Phi_{77}\ \Phi_{63}^3\ \Phi_{33}\ \Phi_{21}\ \Phi_9^3\ \Phi_7\ \Phi_3\ \Phi_1$
109187	1547	2178	$\frac{1}{22}$	$\frac{21}{242}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2178}\ \Phi_{1089}\ \Phi_{242}\ \Phi_{121}\ \Phi_9\ \Phi_1$
109188	1547	720	$\frac{1}{20}$	$\frac{19}{240}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}\ \Phi_{180}^2\ \Phi_{144}^3\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{80}\ \Phi_{72}^3\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}^2\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_9^3\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
109189	1547	495	$\frac{3}{55}$	$\frac{4}{55}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{495}^4\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{45}^4\ \Phi_{11}^4\ \Phi_9^5\ \Phi_5^4\ \Phi_1^5$
109190	1547	126	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{126}^{13}\ \Phi_{63}^{13}\ \Phi_{42}^{14}\ \Phi_{21}^{14}\ \Phi_{18}^6\ \Phi_{14}^{13}\ \Phi_9^7\ \Phi_7^{13}\ \Phi_6^7\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
109191	1547	885	$\frac{3}{59}$	$\frac{2}{15}$	$\frac{8}{59}$	$\frac{1}{3}$	$\Phi_{885}^2\ \Phi_{295}^2\ \Phi_{59}^2\ \Phi_{15}^3\ \Phi_5^3\ \Phi_1^3$
109192	1547	360	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^5\ \Phi_{90}^3\ \Phi_{72}^2\ \Phi_{60}^5\ \Phi_{45}^3\ \Phi_{40}^5\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^5\ \Phi_{18}\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
109193	1547	1062	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{58}{177}$	$\Phi_{1062}^2\ \Phi_{531}^2\ \Phi_{177}\ \Phi_{18}^3\ \Phi_9^3\ \Phi_3\ \Phi_1$
109194	1547	2832	$\frac{1}{59}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{58}{177}$	$\Phi_{2832}\ \Phi_{1416}\ \Phi_{177}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_3\ \Phi_1$
109195	1547	1080	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{44}{135}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^3\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^3\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
109196	1547	540	$\frac{1}{45}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{44}{135}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{135}^5\ \Phi_{108}^4\ \Phi_{54}^4\ \Phi_{27}^5\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
109197	1547	648	$\frac{5}{108}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{103}{324}$	$\Phi_{648}^4\ \Phi_{324}^3\ \Phi_{162}^3\ \Phi_{81}^3\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
109198	1547	396	$\frac{1}{18}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^3\ \Phi_{99}^4\ \Phi_{66}^3\ \Phi_{44}^4\ \Phi_{36}^6\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
109199	1547	1008	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{25}{144}$	$\frac{11}{36}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{144}\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
109200	1547	120	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{29}{120}$	$\frac{7}{24}$	$\Phi_{120}^{13}\ \Phi_{60}^{13}\ \Phi_{40}^{13}\ \Phi_{30}^{12}\ \Phi_{24}^{14}\ \Phi_{20}^{13}\ \Phi_{15}^{12}\ \Phi_{12}^{14}\ \Phi_{10}^{12}\ \Phi_8^{13}\ \Phi_6^{13}\ \Phi_5^{12}\ \Phi_4^{13}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{13}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
109201	1547	2280	$\frac{4}{95}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{114}\ \Phi_{95}\ \Phi_{57}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
109202	1547	96	$\frac{5}{96}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{96}^{17}\ \Phi_{48}^{17}\ \Phi_{32}^{17}\ \Phi_{24}^{14}\ \Phi_{16}^{17}\ \Phi_{12}^{14}\ \Phi_{8}^{13}\ \Phi_{6}^{13}\ \Phi_{4}^{13}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
109203	1547	216	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{17}{108}$	$\frac{7}{24}$	$\Phi_{216}^{8}\ \Phi_{108}^{9}\ \Phi_{72}^{4}\ \Phi_{54}^{9}\ \Phi_{36}^{5}\ \Phi_{27}^{9}\ \Phi_{24}^{5}\ \Phi_{18}^{4}\ \Phi_{12}^{6}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
109204	1547	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{7}{24}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^{12}\ \Phi_{30}^{12}\ \Phi_{24}^{13}\ \Phi_{20}^{12}\ \Phi_{15}^{18}\ \Phi_{12}^{13}\ \Phi_{10}^{12}\ \Phi_{8}^{12}\ \Phi_{6}^{13}\ \Phi_{5}^{18}\ \Phi_{4}^{12}\ \Phi_{3}^{19}\ \Phi_{2}^{12}\ \Phi_{1}^{19}$
109205	1547	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{168}^{14}\ \Phi_{84}^{14}\ \Phi_{56}^{2}\ \Phi_{42}^{14}\ \Phi_{28}^{2}\ \Phi_{24}^{7}\ \Phi_{21}^{14}\ \Phi_{14}\ \Phi_{12}^{7}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}^{7}\ \Phi_{4}\ \Phi_{3}^{7}\ \Phi_{1}$
109206	1547	792	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{99}^{3}\ \Phi_{88}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{3}\ \Phi_{24}\ \Phi_{22}^{2}\ \Phi_{12}\ \Phi_{11}^{3}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
109207	1547	600	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{600}^{4}\ \Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{120}^{2}\ \Phi_{100}\ \Phi_{75}^{4}\ \Phi_{60}^{2}\ \Phi_{50}\ \Phi_{30}^{2}\ \Phi_{25}\ \Phi_{24}^{3}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
109208	1547	1062	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1062}^{2}\ \Phi_{531}^{2}\ \Phi_{59}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
109209	1547	72	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{72}^{24}\ \Phi_{36}^{24}\ \Phi_{24}^{26}\ \Phi_{18}^{12}\ \Phi_{12}^{26}\ \Phi_{9}^{12}\ \Phi_{8}^{25}\ \Phi_{6}^{13}\ \Phi_{4}^{25}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
109210	1547	120	$\frac{1}{30}$	$\frac{3}{20}$	$\frac{29}{120}$	$\frac{1}{4}$	$\Phi_{120}^{17}\ \Phi_{60}^{9}\ \Phi_{40}^{17}\ \Phi_{30}^{8}\ \Phi_{24}^{17}\ \Phi_{20}^{10}\ \Phi_{15}^{8}\ \Phi_{12}^{9}\ \Phi_{10}^{9}\ \Phi_{8}^{17}\ \Phi_{6}^{8}\ \Phi_{5}^{9}\ \Phi_{4}^{9}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
109211	1547	380	$\frac{4}{95}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{380}^{4}\ \Phi_{190}^{4}\ \Phi_{95}^{5}\ \Phi_{76}^{4}\ \Phi_{38}^{4}\ \Phi_{20}\ \Phi_{19}^{5}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
109212	1547	944	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{944}^{2}\ \Phi_{472}^{2}\ \Phi_{59}^{2}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
109213	1547	144	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{144}^{14}\ \Phi_{72}^{8}\ \Phi_{48}^{14}\ \Phi_{36}^{10}\ \Phi_{24}^{8}\ \Phi_{18}^{9}\ \Phi_{16}^{7}\ \Phi_{12}^{10}\ \Phi_{9}^{9}\ \Phi_{8}^{4}\ \Phi_{6}^{9}\ \Phi_{4}^{5}\ \Phi_{3}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
109214	1547	480	$\frac{5}{96}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{4}\ \Phi_{120}^{4}\ \Phi_{96}\ \Phi_{80}^{4}\ \Phi_{60}^{2}\ \Phi_{48}\ \Phi_{40}^{4}\ \Phi_{32}\ \Phi_{30}^{2}\ \Phi_{24}\ \Phi_{20}^{3}\ \Phi_{16}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{3}\ \Phi_{8}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
109215	1547	540	$\frac{1}{18}$	$\frac{3}{20}$	$\frac{17}{108}$	$\frac{1}{4}$	$\Phi_{540}^{4}\ \Phi_{270}^{4}\ \Phi_{180}^{2}\ \Phi_{135}^{4}\ \Phi_{108}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{54}\ \Phi_{45}^{2}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{27}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
109216	1547	60	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{60}^{24}\ \Phi_{30}^{24}\ \Phi_{20}^{25}\ \Phi_{15}^{30}\ \Phi_{12}^{24}\ \Phi_{10}^{25}\ \Phi_{6}^{24}\ \Phi_{5}^{31}\ \Phi_{4}^{24}\ \Phi_{3}^{30}\ \Phi_{2}^{24}\ \Phi_{1}^{31}$
109217	1547	280	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{280}^{8}\ \Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{56}^{2}\ \Phi_{40}^{4}\ \Phi_{35}^{6}\ \Phi_{28}^{2}\ \Phi_{20}^{3}\ \Phi_{14}\ \Phi_{10}^{3}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
109218	1547	1980	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{55}\ \Phi_{33}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
109219	1547	100	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{100}^{17}\ \Phi_{50}^{17}\ \Phi_{25}^{17}\ \Phi_{20}^{10}\ \Phi_{10}^{9}\ \Phi_{5}^{9}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
109220	1547	248	$\frac{3}{31}$	$\frac{27}{248}$	$\frac{4}{31}$	$\frac{1}{4}$	$\Phi_{248}^{7}\ \Phi_{124}^{5}\ \Phi_{62}^{5}\ \Phi_{31}^{7}\ \Phi_{8}^{7}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{7}$
109221	1547	288	$\frac{5}{72}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{67}{288}$	$\Phi_{288}^{7}\ \Phi_{144}^{7}\ \Phi_{96}^{7}\ \Phi_{48}^{7}\ \Phi_{32}^{7}\ \Phi_{24}^{2}\ \Phi_{16}^{7}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
109222	1547	240	$\frac{19}{240}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{240}^{7}\ \Phi_{120}^{7}\ \Phi_{80}^{7}\ \Phi_{60}^{7}\ \Phi_{48}^{7}\ \Phi_{40}^{7}\ \Phi_{30}^{7}\ \Phi_{24}^{2}\ \Phi_{20}^{7}\ \Phi_{16}^{7}\ \Phi_{15}^{7}\ \Phi_{12}^{2}\ \Phi_{10}^{7}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}^{7}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
109223	1547	1080	$\frac{5}{54}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{49}{270}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{270}\ \Phi_{180}^{2}\ \Phi_{135}\ \Phi_{120}^{2}\ \Phi_{90}\ \Phi_{60}^{2}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
109224	1547	504	$\frac{31}{252}$	$\frac{1}{8}$	$\frac{5}{36}$	$\frac{1}{6}$	$\Phi_{504}^{4}\ \Phi_{252}^{3}\ \Phi_{168}^{4}\ \Phi_{126}^{3}\ \Phi_{84}^{3}\ \Phi_{63}^{3}\ \Phi_{56}^{4}\ \Phi_{42}^{3}\ \Phi_{28}^{3}\ \Phi_{24}^{2}\ \Phi_{21}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{7}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
109225	1548	2316	$\frac{1}{386}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{385}{772}$	$\Phi_{2316}\ \Phi_{772}^{2}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
109226	1548	1285	$\frac{1}{257}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{128}{257}$	$\Phi_{1285}\ \Phi_{257}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
109227	1548	3084	$\frac{1}{257}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{128}{257}$	$\Phi_{3084}\ \Phi_{1542}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
109228	1548	221	$\frac{1}{221}$	$\frac{37}{221}$	$\frac{92}{221}$	$\frac{110}{221}$	$\Phi_{221}^{7}\ \Phi_{17}^{7}\ \Phi_{13}^{7}\ \Phi_{1}^{8}$
109229	1548	770	$\frac{2}{385}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{383}{770}$	$\Phi_{770}^{4}\ \Phi_{154}^{4}\ \Phi_{110}^{4}\ \Phi_{70}^{4}\ \Phi_{22}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
109230	1548	2310	$\frac{2}{385}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{383}{770}$	$\Phi_{2310}^{2}\ \Phi_{462}^{2}\ \Phi_{330}^{2}\ \Phi_{210}^{2}\ \Phi_{66}^{2}\ \Phi_{42}^{2}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{6}^{2}$
109231	1548	2068	$\frac{3}{517}$	$\frac{1}{4}$	$\frac{130}{517}$	$\frac{257}{517}$	$\Phi_{2068}\ \Phi_{1034}\ \Phi_{188}\ \Phi_{94}\ \Phi_{44}\ \Phi_{22}$
109232	1548	1547	$\frac{9}{1547}$	$\frac{386}{1547}$	$\frac{389}{1547}$	$\frac{769}{1547}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}\ \Phi_{91}\ \Phi_{17}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
109233	1548	2736	$\frac{1}{171}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{85}{171}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{171}\ \Phi_{144}\ \Phi_{57}\ \Phi_{48}\ \Phi_{19}\ \Phi_{16}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
109234	1548	684	$\frac{1}{171}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{85}{171}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}^2\ \Phi_{171}^3\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{36}^2\ \Phi_{19}^3\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
109235	1548	465	$\frac{1}{155}$	$\frac{26}{155}$	$\frac{1}{3}$	$\frac{77}{155}$	$\Phi_{465}^5\ \Phi_{93}^5\ \Phi_{15}^5\ \Phi_3^4$
109236	1548	2816	$\frac{1}{128}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{127}{256}$	$\Phi_{2816}\ \Phi_{256}^2\ \Phi_{11}\ \Phi_1^2$
109237	1548	5376	$\frac{1}{128}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{127}{256}$	$\Phi_{5376}\ \Phi_{21}$
109238	1548	2816	$\frac{1}{128}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{127}{256}$	$\Phi_{2816}\ \Phi_{256}^2\ \Phi_{11}\ \Phi_1^2$
109239	1548	1280	$\frac{1}{128}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{127}{256}$	$\Phi_{1280}^3\ \Phi_{20}\ \Phi_{10}$
109240	1548	238	$\frac{1}{119}$	$\frac{10}{119}$	$\frac{109}{238}$	$\frac{59}{119}$	$\Phi_{238}^{12}\ \Phi_{119}\ \Phi_{34}^{12}\ \Phi_{17}\ \Phi_{14}^{12}\ \Phi_7\ \Phi_2^{12}\ \Phi_1^2$
109241	1548	119	$\frac{1}{119}$	$\frac{20}{119}$	$\frac{33}{119}$	$\frac{59}{119}$	$\Phi_{119}^{13}\ \Phi_{17}^{13}\ \Phi_7^{13}\ \Phi_1^{14}$
109242	1548	476	$\frac{1}{119}$	$\frac{89}{476}$	$\frac{30}{119}$	$\frac{59}{119}$	$\Phi_{476}^4\ \Phi_{238}^4\ \Phi_{119}\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{28}^4\ \Phi_{17}\ \Phi_{14}^4\ \Phi_7\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
109243	1548	767	$\frac{7}{767}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{380}{767}$	$\Phi_{767}^2\ \Phi_{59}^2\ \Phi_{13}^3\ \Phi_1^4$
109244	1548	2068	$\frac{5}{517}$	$\frac{87}{517}$	$\frac{1}{4}$	$\frac{256}{517}$	$\Phi_{2068}\ \Phi_{1034}\ \Phi_{188}\ \Phi_{94}\ \Phi_{44}\ \Phi_{22}$
109245	1548	511	$\frac{5}{511}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{253}{511}$	$\Phi_{511}^3\ \Phi_{73}^3\ \Phi_7^5\ \Phi_1^6$
109246	1548	728	$\frac{1}{91}$	$\frac{23}{364}$	$\frac{341}{728}$	$\frac{45}{91}$	$\Phi_{728}^4\ \Phi_{104}^4\ \Phi_{91}\ \Phi_{56}^4\ \Phi_{13}\ \Phi_8^4\ \Phi_7\ \Phi_1^2$
109247	1548	182	$\frac{1}{91}$	$\frac{23}{182}$	$\frac{53}{182}$	$\frac{45}{91}$	$\Phi_{182}^8\ \Phi_{91}^9\ \Phi_{26}^8\ \Phi_{14}^8\ \Phi_{13}^9\ \Phi_7^9\ \Phi_2^8\ \Phi_1^{10}$
109248	1548	455	$\frac{1}{91}$	$\frac{68}{455}$	$\frac{23}{91}$	$\frac{45}{91}$	$\Phi_{455}^4\ \Phi_{91}\ \Phi_{65}^4\ \Phi_{35}^4\ \Phi_{13}\ \Phi_7\ \Phi_5^4\ \Phi_1^2$
109249	1548	518	$\frac{3}{259}$	$\frac{1}{7}$	$\frac{131}{518}$	$\frac{128}{259}$	$\Phi_{518}^4\ \Phi_{259}^2\ \Phi_{74}^4\ \Phi_{37}^2\ \Phi_{14}^4\ \Phi_7\ \Phi_2^4\ \Phi_1^2$
109250	1548	85	$\frac{1}{85}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{42}{85}$	$\Phi_{85}^{18}\ \Phi_{17}^{19}\ \Phi_5^{18}\ \Phi_1^{20}$
109251	1548	510	$\frac{1}{85}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{42}{85}$	$\Phi_{510}^5\ \Phi_{255}^4\ \Phi_{102}^5\ \Phi_{51}^4\ \Phi_{30}^6\ \Phi_{15}^5\ \Phi_6^6\ \Phi_3^4$
109252	1548	85	$\frac{1}{85}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{42}{85}$	$\Phi_{85}^{18}\ \Phi_{17}^{19}\ \Phi_5^{18}\ \Phi_1^{20}$
109253	1548	2380	$\frac{1}{85}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{42}{85}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{476}\ \Phi_{238}\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}^2\ \Phi_{14}^2$
109254	1548	1547	$\frac{19}{1547}$	$\frac{87}{1547}$	$\frac{730}{1547}$	$\frac{764}{1547}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}\ \Phi_{91}\ \Phi_{17}\ \Phi_{13}\ \Phi_7\ \Phi_1^2$
109255	1548	442	$\frac{3}{221}$	$\frac{55}{442}$	$\frac{56}{221}$	$\frac{109}{221}$	$\Phi_{442}^4\ \Phi_{221}^3\ \Phi_{34}^4\ \Phi_{26}^4\ \Phi_{17}^3\ \Phi_{13}^3\ \Phi_2^4\ \Phi_1^4$
109256	1548	1547	$\frac{25}{1547}$	$\frac{131}{1547}$	$\frac{472}{1547}$	$\frac{761}{1547}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}\ \Phi_{91}\ \Phi_{17}\ \Phi_{13}\ \Phi_7\ \Phi_1^2$
109257	1548	1730	$\frac{3}{173}$	$\frac{1}{10}$	$\frac{44}{173}$	$\frac{85}{173}$	$\Phi_{1730}\ \Phi_{865}\ \Phi_{346}$
109258	1548	169	$\frac{3}{169}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{83}{169}$	$\Phi_{169}^9\ \Phi_{13}^{11}\ \Phi_1^{12}$
109259	1548	259	$\frac{5}{259}$	$\frac{1}{7}$	$\frac{44}{259}$	$\frac{127}{259}$	$\Phi_{259}^6\ \Phi_{37}^6\ \Phi_7^5\ \Phi_1^6$
109260	1548	1012	$\frac{5}{253}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{124}{253}$	$\Phi_{1012}^2\ \Phi_{506}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_4^2\ \Phi_2^2$
109261	1548	1547	$\frac{31}{1547}$	$\frac{214}{1547}$	$\frac{263}{1547}$	$\frac{758}{1547}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}\ \Phi_{91}\ \Phi_{17}\ \Phi_{13}\ \Phi_7\ \Phi_1^2$
109262	1548	188	$\frac{1}{47}$	$\frac{4}{47}$	$\frac{1}{4}$	$\frac{23}{47}$	$\Phi_{188}^{11}\ \Phi_{94}^{11}\ \Phi_4^{10}\ \Phi_2^{10}$
109263	1548	1547	$\frac{33}{1547}$	$\frac{128}{1547}$	$\frac{395}{1547}$	$\frac{757}{1547}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}\ \Phi_{91}\ \Phi_{17}\ \Phi_{13}\ \Phi_7\ \Phi_1^2$
109264	1548	2325	$\frac{17}{775}$	$\frac{44}{775}$	$\frac{1}{3}$	$\frac{379}{775}$	$\Phi_{2325}\ \Phi_{465}\ \Phi_{93}\ \Phi_{75}\ \Phi_{15}$
109265	1548	520	$\frac{3}{130}$	$\frac{1}{13}$	$\frac{133}{520}$	$\frac{127}{260}$	$\Phi_{520}^4\ \Phi_{130}^4\ \Phi_{104}^4\ \Phi_{65}^4\ \Phi_{40}^4\ \Phi_{26}^4\ \Phi_{13}^3\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^4$
109266	1548	420	$\frac{1}{42}$	$\frac{1}{35}$	$\frac{17}{35}$	$\frac{41}{84}$	$\Phi_{420}^7\ \Phi_{140}^7\ \Phi_{84}^8\ \Phi_{60}^7\ \Phi_{35}\ \Phi_{28}^8\ \Phi_{20}^7\ \Phi_{12}^8\ \Phi_7\ \Phi_5\ \Phi_4^8\ \Phi_1^2$
109267	1548	1596	$\frac{1}{42}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{1596}^2\ \Phi_{532}^2\ \Phi_{228}^2\ \Phi_{76}^2\ \Phi_{57}$
109268	1548	420	$\frac{1}{42}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{41}{84}$	$\Phi_{420}^7\ \Phi_{140}^7\ \Phi_{84}^8\ \Phi_{60}^7\ \Phi_{35}\ \Phi_{28}^8\ \Phi_{20}^7\ \Phi_{12}^8\ \Phi_7\ \Phi_5\ \Phi_4^8\ \Phi_1^2$
109269	1548	1092	$\frac{1}{42}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{41}{84}$	$\Phi_{1092}\ \Phi_{546}^2\ \Phi_{364}\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{156}\ \Phi_{91}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{13}^2$
109270	1548	420	$\frac{1}{42}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{41}{84}$	$\Phi_{420}^7\ \Phi_{140}^7\ \Phi_{84}^8\ \Phi_{60}^7\ \Phi_{35}\ \Phi_{28}^8\ \Phi_{20}^7\ \Phi_{12}^8\ \Phi_7\ \Phi_5\ \Phi_4^8\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
109271	1548	420	$\frac{1}{42}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{41}{84}$	$\Phi_{420}^{7}\ \Phi_{140}^{7}\ \Phi_{84}^{8}\ \Phi_{60}^{7}\ \Phi_{28}^{8}\ \Phi_{20}^{7}\ \Phi_{12}^{8}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{8}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
109272	1548	84	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{41}{84}$	$\Phi_{84}^{36}\ \Phi_{28}^{36}\ \Phi_{12}^{36}\ \Phi_{7}^{5}\ \Phi_{4}^{36}\ \Phi_{1}^{6}$
109273	1548	754	$\frac{10}{377}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{367}{754}$	$\Phi_{754}^{4}\ \Phi_{58}^{4}\ \Phi_{26}^{4}\ \Phi_{13}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
109274	1548	1036	$\frac{1}{37}$	$\frac{19}{148}$	$\frac{1}{7}$	$\frac{18}{37}$	$\Phi_{1036}^{2}\ \Phi_{518}^{2}\ \Phi_{259}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
109275	1548	315	$\frac{1}{35}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{315}^{5}\ \Phi_{105}^{4}\ \Phi_{63}^{5}\ \Phi_{45}^{6}\ \Phi_{35}^{5}\ \Phi_{21}^{4}\ \Phi_{15}^{5}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
109276	1548	315	$\frac{1}{35}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{17}{35}$	$\Phi_{315}^{7}\ \Phi_{63}^{8}\ \Phi_{45}^{7}\ \Phi_{35}\ \Phi_{9}^{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
109277	1548	280	$\frac{1}{35}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{17}{35}$	$\Phi_{280}^{7}\ \Phi_{140}^{7}\ \Phi_{56}^{8}\ \Phi_{40}^{7}\ \Phi_{35}\ \Phi_{28}^{8}\ \Phi_{20}^{7}\ \Phi_{8}^{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^{8}\ \Phi_{1}^{2}$
109278	1548	1680	$\frac{1}{35}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{17}{35}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{84}\ \Phi_{80}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}^{2}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
109279	1548	245	$\frac{1}{35}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{17}{35}$	$\Phi_{245}^{7}\ \Phi_{49}^{8}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
109280	1548	750	$\frac{4}{125}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{121}{250}$	$\Phi_{750}^{6}\ \Phi_{150}^{6}\ \Phi_{75}\ \Phi_{30}^{6}\ \Phi_{15}\ \Phi_{6}^{6}$
109281	1548	3250	$\frac{4}{125}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{121}{250}$	$\Phi_{3250}\ \Phi_{650}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
109282	1548	1209	$\frac{1}{31}$	$\frac{16}{403}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{1209}^{2}\ \Phi_{93}\ \Phi_{39}^{2}$
109283	1548	1102	$\frac{1}{29}$	$\frac{1}{19}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{1102}^{2}\ \Phi_{551}\ \Phi_{38}^{2}$
109284	1548	748	$\frac{13}{374}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{361}{748}$	$\Phi_{748}^{4}\ \Phi_{68}^{4}\ \Phi_{44}^{4}\ \Phi_{17}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
109285	1548	1495	$\frac{53}{1495}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{721}{1495}$	$\Phi_{1495}\ \Phi_{299}\ \Phi_{115}\ \Phi_{65}^{2}\ \Phi_{23}\ \Phi_{13}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
109286	1548	52	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{9}{52}$	$\frac{25}{52}$	$\Phi_{52}^{24}\ \Phi_{26}^{36}\ \Phi_{13}^{35}\ \Phi_{4}^{24}\ \Phi_{2}^{36}\ \Phi_{1}^{36}$
109287	1548	1200	$\frac{13}{400}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{1200}^{2}\ \Phi_{600}^{2}\ \Phi_{300}^{2}\ \Phi_{240}^{2}\ \Phi_{150}^{2}\ \Phi_{120}^{2}\ \Phi_{75}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
109288	1548	744	$\frac{1}{31}$	$\frac{5}{124}$	$\frac{1}{3}$	$\frac{119}{248}$	$\Phi_{744}^{6}\ \Phi_{93}\ \Phi_{24}^{6}$
109289	1548	247	$\frac{11}{247}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{118}{247}$	$\Phi_{247}^{6}\ \Phi_{19}^{6}\ \Phi_{13}^{11}\ \Phi_{1}^{12}$
109290	1548	2244	$\frac{1}{44}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{561}\ \Phi_{204}\ \Phi_{132}^{2}\ \Phi_{102}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
109291	1548	170	$\frac{3}{85}$	$\frac{1}{17}$	$\frac{41}{170}$	$\frac{8}{17}$	$\Phi_{170}^{12}\ \Phi_{85}^{6}\ \Phi_{34}^{12}\ \Phi_{17}^{7}\ \Phi_{10}^{12}\ \Phi_{5}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{8}$
109292	1548	765	$\frac{2}{45}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{765}^{2}\ \Phi_{255}^{2}\ \Phi_{153}^{2}\ \Phi_{85}\ \Phi_{51}^{2}\ \Phi_{45}^{4}\ \Phi_{17}^{2}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
109293	1548	136	$\frac{7}{136}$	$\frac{1}{17}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{136}^{12}\ \Phi_{68}^{12}\ \Phi_{34}^{12}\ \Phi_{17}^{7}\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{8}$
109294	1548	51	$\frac{1}{17}$	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{8}{17}$	$\Phi_{51}^{36}\ \Phi_{17}^{19}\ \Phi_{3}^{36}\ \Phi_{1}^{20}$
109295	1548	425	$\frac{1}{17}$	$\frac{38}{425}$	$\frac{9}{85}$	$\frac{8}{17}$	$\Phi_{425}^{4}\ \Phi_{85}^{2}\ \Phi_{25}^{4}\ \Phi_{17}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
109296	1548	728	$\frac{3}{91}$	$\frac{23}{364}$	$\frac{22}{91}$	$\frac{341}{728}$	$\Phi_{728}^{4}\ \Phi_{104}^{4}\ \Phi_{91}\ \Phi_{56}^{4}\ \Phi_{13}\ \Phi_{8}^{4}\ \Phi_{7}\ \Phi_{1}^{2}$
109297	1548	728	$\frac{23}{364}$	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{341}{728}$	$\Phi_{728}^{4}\ \Phi_{104}^{4}\ \Phi_{56}^{4}\ \Phi_{26}^{4}\ \Phi_{13}^{3}\ \Phi_{8}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
109298	1548	2960	$\frac{1}{37}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{2960}\ \Phi_{592}\ \Phi_{148}\ \Phi_{74}$
109299	1548	1040	$\frac{3}{40}$	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{37}{80}$	$\Phi_{1040}^{3}\ \Phi_{208}^{3}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
109300	1548	1628	$\frac{1}{44}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{1628}\ \Phi_{814}\ \Phi_{407}\ \Phi_{148}\ \Phi_{74}$
109301	1548	715	$\frac{1}{13}$	$\frac{59}{715}$	$\frac{6}{65}$	$\frac{328}{715}$	$\Phi_{715}^{2}\ \Phi_{143}^{2}\ \Phi_{65}^{4}\ \Phi_{55}^{2}\ \Phi_{13}^{3}\ \Phi_{11}^{2}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
109302	1548	238	$\frac{3}{119}$	$\frac{10}{119}$	$\frac{29}{119}$	$\frac{109}{238}$	$\Phi_{238}^{12}\ \Phi_{119}\ \Phi_{34}^{12}\ \Phi_{17}\ \Phi_{14}^{12}\ \Phi_{7}\ \Phi_{2}^{12}\ \Phi_{1}^{2}$
109303	1548	238	$\frac{9}{119}$	$\frac{10}{119}$	$\frac{11}{119}$	$\frac{109}{238}$	$\Phi_{238}^{12}\ \Phi_{119}\ \Phi_{34}^{12}\ \Phi_{17}\ \Phi_{14}^{12}\ \Phi_{7}\ \Phi_{2}^{12}\ \Phi_{1}^{2}$
109304	1548	704	$\frac{1}{64}$	$\frac{1}{11}$	$\frac{21}{64}$	$\frac{5}{11}$	$\Phi_{704}^{2}\ \Phi_{352}^{2}\ \Phi_{176}^{2}\ \Phi_{88}^{2}\ \Phi_{64}^{4}\ \Phi_{44}^{2}\ \Phi_{32}^{4}\ \Phi_{22}^{2}\ \Phi_{16}^{4}\ \Phi_{11}^{3}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
109305	1548	44	$\frac{1}{44}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{44}^{35}\ \Phi_{22}^{35}\ \Phi_{11}^{36}\ \Phi_{4}^{34}\ \Phi_{2}^{34}\ \Phi_{1}^{36}$
109306	1548	1760	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{31}{160}$	$\frac{5}{11}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{160}^{2}\ \Phi_{110}\ \Phi_{80}^{2}\ \Phi_{55}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
109307	1548	1496	$\frac{7}{136}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{374}\ \Phi_{187}\ \Phi_{136}^{2}\ \Phi_{68}^{2}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
109308	1548	528	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{5}{48}$	$\frac{5}{11}$	$\Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{176}^{2}\ \Phi_{132}^{3}\ \Phi_{88}^{2}\ \Phi_{66}^{3}\ \Phi_{48}^{6}\ \Phi_{44}^{2}\ \Phi_{33}^{3}\ \Phi_{24}^{6}\ \Phi_{22}^{2}\ \Phi_{16}^{4}\ \Phi_{12}^{6}\ \Phi_{11}^{3}\ \Phi_{8}^{4}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
109309	1548	940	$\frac{1}{47}$	$\frac{23}{235}$	$\frac{1}{4}$	$\frac{106}{235}$	$\Phi_{940}^{2}\ \Phi_{470}^{2}\ \Phi_{188}^{3}\ \Phi_{94}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
109310	1548	1820	$\frac{1}{13}$	$\frac{11}{140}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{182}\ \Phi_{130}\ \Phi_{91}\ \Phi_{65}\ \Phi_{26}$
109311	1548	78	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{35}{78}$	$\Phi_{78}^{36}\ \Phi_{26}^{36}\ \Phi_{13}^{11}\ \Phi_{6}^{36}\ \Phi_{2}^{36}\ \Phi_{1}^{12}$
109312	1548	119	$\frac{2}{119}$	$\frac{13}{119}$	$\frac{33}{119}$	$\frac{53}{119}$	$\Phi_{119}^{13}\ \Phi_{17}^{13}\ \Phi_{7}^{13}\ \Phi_{1}^{14}$
109313	1548	465	$\frac{2}{155}$	$\frac{17}{155}$	$\frac{1}{3}$	$\frac{69}{155}$	$\Phi_{465}^{5}\ \Phi_{93}^{5}\ \Phi_{15}^{5}\ \Phi_{3}^{4}$
109314	1548	1547	$\frac{20}{1547}$	$\frac{173}{1547}$	$\frac{509}{1547}$	$\frac{687}{1547}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}\ \Phi_{91}\ \Phi_{17}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}^{2}$
109315	1548	416	$\frac{29}{416}$	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{52}$	$\Phi_{416}^{4}\ \Phi_{208}^{4}\ \Phi_{104}^{4}\ \Phi_{32}^{4}\ \Phi_{26}^{4}\ \Phi_{16}^{4}\ \Phi_{13}^{3}\ \Phi_{8}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
109316	1548	1392	$\frac{1}{87}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1392}^{2}\ \Phi_{464}^{2}\ \Phi_{87}^{2}\ \Phi_{48}\ \Phi_{29}^{2}\ \Phi_{16}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
109317	1548	912	$\frac{1}{57}$	$\frac{1}{8}$	$\frac{14}{57}$	$\frac{7}{16}$	$\Phi_{912}^{3}\ \Phi_{304}^{3}\ \Phi_{57}^{3}\ \Phi_{48}^{3}\ \Phi_{19}^{3}\ \Phi_{16}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
109318	1548	880	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{880}^{4}\ \Phi_{220}\ \Phi_{110}\ \Phi_{80}^{3}\ \Phi_{55}\ \Phi_{20}\ \Phi_{10}$
109319	1548	720	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{720}^{4}\ \Phi_{240}^{4}\ \Phi_{144}^{3}\ \Phi_{80}^{4}\ \Phi_{48}^{3}\ \Phi_{45}^{4}\ \Phi_{16}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{3}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
109320	1548	1520	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1520}^{2}\ \Phi_{304}\ \Phi_{95}^{2}\ \Phi_{80}^{2}\ \Phi_{19}\ \Phi_{16}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
109321	1548	455	$\frac{1}{91}$	$\frac{61}{455}$	$\frac{30}{91}$	$\frac{197}{455}$	$\Phi_{455}^{3}\ \Phi_{91}^{5}\ \Phi_{65}^{3}\ \Phi_{35}^{3}\ \Phi_{13}^{5}\ \Phi_{7}^{5}\ \Phi_{5}^{3}\ \Phi_{1}^{6}$
109322	1548	455	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{61}{455}$	$\frac{197}{455}$	$\Phi_{455}^{3}\ \Phi_{91}^{3}\ \Phi_{65}^{6}\ \Phi_{35}^{3}\ \Phi_{13}^{5}\ \Phi_{7}^{3}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
109323	1548	1628	$\frac{1}{44}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{1628}\ \Phi_{814}\ \Phi_{407}\ \Phi_{148}\ \Phi_{74}$
109324	1548	385	$\frac{4}{385}$	$\frac{1}{7}$	$\frac{127}{385}$	$\frac{3}{7}$	$\Phi_{385}^{4}\ \Phi_{77}^{4}\ \Phi_{55}^{4}\ \Phi_{35}^{4}\ \Phi_{11}^{4}\ \Phi_{7}^{5}\ \Phi_{5}^{4}\ \Phi_{1}^{6}$
109325	1548	392	$\frac{5}{392}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{392}^{4}\ \Phi_{196}^{4}\ \Phi_{98}^{4}\ \Phi_{56}^{4}\ \Phi_{49}^{4}\ \Phi_{28}^{4}\ \Phi_{14}^{4}\ \Phi_{8}^{4}\ \Phi_{7}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
109326	1548	154	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{25}{154}$	$\frac{3}{7}$	$\Phi_{154}^{12}\ \Phi_{77}^{8}\ \Phi_{22}^{12}\ \Phi_{14}^{12}\ \Phi_{11}^{8}\ \Phi_{7}^{9}\ \Phi_{2}^{12}\ \Phi_{1}^{10}$
109327	1548	133	$\frac{4}{133}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{133}^{12}\ \Phi_{19}^{12}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
109328	1548	805	$\frac{31}{805}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{805}^{2}\ \Phi_{161}^{2}\ \Phi_{115}^{2}\ \Phi_{23}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
109329	1548	847	$\frac{4}{77}$	$\frac{73}{847}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{847}^{2}\ \Phi_{121}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
109330	1548	140	$\frac{2}{35}$	$\frac{11}{140}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{140}^{12}\ \Phi_{70}^{12}\ \Phi_{35}^{8}\ \Phi_{28}^{12}\ \Phi_{20}^{12}\ \Phi_{14}^{12}\ \Phi_{10}^{12}\ \Phi_{7}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{10}$
109331	1548	518	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{6}{37}$	$\frac{31}{74}$	$\Phi_{518}^{6}\ \Phi_{259}\ \Phi_{14}^{6}$
109332	1548	1547	$\frac{29}{1547}$	$\frac{253}{1547}$	$\frac{300}{1547}$	$\frac{647}{1547}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}\ \Phi_{91}\ \Phi_{17}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}^{2}$
109333	1548	2068	$\frac{7}{517}$	$\frac{85}{517}$	$\frac{1}{4}$	$\frac{216}{517}$	$\Phi_{2068}\ \Phi_{1034}\ \Phi_{188}\ \Phi_{94}\ \Phi_{44}\ \Phi_{22}$
109334	1548	182	$\frac{1}{91}$	$\frac{15}{91}$	$\frac{53}{182}$	$\frac{38}{91}$	$\Phi_{182}^{12}\ \Phi_{91}^{5}\ \Phi_{26}^{12}\ \Phi_{14}^{12}\ \Phi_{13}^{5}\ \Phi_{7}^{5}\ \Phi_{2}^{12}\ \Phi_{1}^{6}$
109335	1548	221	$\frac{2}{221}$	$\frac{37}{221}$	$\frac{73}{221}$	$\frac{92}{221}$	$\Phi_{221}^{7}\ \Phi_{17}^{7}\ \Phi_{13}^{7}\ \Phi_{1}^{8}$
109336	1548	221	$\frac{5}{221}$	$\frac{36}{221}$	$\frac{37}{221}$	$\frac{92}{221}$	$\Phi_{221}^{7}\ \Phi_{17}^{7}\ \Phi_{13}^{7}\ \Phi_{1}^{8}$
109337	1548	391	$\frac{4}{391}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{391}^{4}\ \Phi_{23}^{4}\ \Phi_{17}^{3}\ \Phi_{1}^{4}$
109338	1548	91	$\frac{5}{91}$	$\frac{6}{91}$	$\frac{17}{91}$	$\frac{37}{91}$	$\Phi_{91}^{17}\ \Phi_{13}^{17}\ \Phi_{7}^{17}\ \Phi_{1}^{18}$
109339	1548	650	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{62}{325}$	$\frac{263}{650}$	$\Phi_{650}^{4}\ \Phi_{130}^{4}\ \Phi_{65}^{4}\ \Phi_{50}^{4}\ \Phi_{26}^{4}\ \Phi_{13}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
109340	1548	1295	$\frac{6}{259}$	$\frac{1}{7}$	$\frac{253}{1295}$	$\frac{521}{1295}$	$\Phi_{1295}\ \Phi_{259}^{2}\ \Phi_{185}\ \Phi_{37}^{2}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
109341	1548	390	$\frac{1}{130}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{390}^{6}\ \Phi_{195}^{6}\ \Phi_{78}^{6}\ \Phi_{39}^{6}\ \Phi_{30}^{6}\ \Phi_{15}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{4}$
109342	1548	1285	$\frac{2}{257}$	$\frac{1}{5}$	$\frac{85}{257}$	$\frac{2}{5}$	$\Phi_{1285}\ \Phi_{257}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
109343	1548	1740	$\frac{1}{87}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{348}^{2}\ \Phi_{290}\ \Phi_{174}^{2}\ \Phi_{116}^{2}\ \Phi_{60}\ \Phi_{58}^{2}\ \Phi_{30}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
109344	1548	1285	$\frac{5}{257}$	$\frac{42}{257}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1285}\ \Phi_{257}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
109345	1548	1540	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}^{2}\ \Phi_{154}^{2}\ \Phi_{140}\ \Phi_{77}^{2}\ \Phi_{70}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
109346	1548	1547	$\frac{11}{1547}$	$\frac{345}{1547}$	$\frac{512}{1547}$	$\frac{601}{1547}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}\ \Phi_{91}\ \Phi_{17}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}^{2}$
109347	1548	130	$\frac{1}{130}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{130}^{12}\ \Phi_{65}^{12}\ \Phi_{26}^{12}\ \Phi_{13}^{11}\ \Phi_{10}^{12}\ \Phi_{5}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
109348	1548	136	$\frac{7}{136}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{136}^{12}\ \Phi_{68}^{12}\ \Phi_{34}^{8}\ \Phi_{17}^{11}\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
109349	1548	208	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{25}{104}$	$\frac{79}{208}$	$\Phi_{208}^{12}\ \Phi_{26}^{12}\ \Phi_{16}^{12}\ \Phi_{13}^{11}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
109350	1548	1860	$\frac{1}{155}$	$\frac{77}{310}$	$\frac{1}{3}$	$\frac{233}{620}$	$\Phi_{1860}^{2}\ \Phi_{465}\ \Phi_{372}^{2}\ \Phi_{93}\ \Phi_{60}^{2}\ \Phi_{15}\ \Phi_{12}^{2}$
109351	1548	1960	$\frac{5}{392}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{280}\ \Phi_{245}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
109352	1548	1776	$\frac{1}{37}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{592}\ \Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}$
109353	1548	1653	$\frac{1}{87}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1653}\ \Phi_{551}\ \Phi_{57}$
109354	1548	1547	$\frac{23}{1547}$	$\frac{254}{1547}$	$\frac{431}{1547}$	$\frac{558}{1547}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}\ \Phi_{91}\ \Phi_{17}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}^{2}$
109355	1548	350	$\frac{3}{175}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{350}^{7}\ \Phi_{175}^{2}\ \Phi_{70}^{7}\ \Phi_{50}^{7}\ \Phi_{35}^{2}\ \Phi_{25}^{2}\ \Phi_{14}^{4}\ \Phi_{10}^{7}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
109356	1548	1628	$\frac{1}{44}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{1628}\ \Phi_{814}\ \Phi_{407}\ \Phi_{148}\ \Phi_{74}$
109357	1548	2442	$\frac{1}{37}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{2442}\ \Phi_{814}\ \Phi_{407}\ \Phi_{222}\ \Phi_{74}$
109358	1548	91	$\frac{4}{91}$	$\frac{5}{91}$	$\frac{29}{91}$	$\frac{31}{91}$	$\Phi_{91}^{17}\ \Phi_{13}^{17}\ \Phi_{7}^{17}\ \Phi_{1}^{18}$
109359	1548	391	$\frac{16}{391}$	$\frac{1}{17}$	$\frac{125}{391}$	$\frac{133}{391}$	$\Phi_{391}^{4}\ \Phi_{23}^{4}\ \Phi_{17}^{3}\ \Phi_{1}^{4}$
109360	1548	65	$\frac{2}{65}$	$\frac{1}{13}$	$\frac{21}{65}$	$\frac{22}{65}$	$\Phi_{65}^{24}\ \Phi_{13}^{23}\ \Phi_{5}^{24}\ \Phi_{1}^{24}$
109361	1548	1547	$\frac{32}{1547}$	$\frac{171}{1547}$	$\frac{505}{1547}$	$\frac{521}{1547}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}\ \Phi_{91}\ \Phi_{17}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}^{2}$
109362	1548	259	$\frac{4}{259}$	$\frac{1}{7}$	$\frac{85}{259}$	$\frac{87}{259}$	$\Phi_{259}^{6}\ \Phi_{37}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
109363	1548	970	$\frac{1}{97}$	$\frac{1}{5}$	$\frac{32}{97}$	$\frac{65}{194}$	$\Phi_{970}^{3}\ \Phi_{485}\ \Phi_{10}^{3}$
109364	1548	221	$\frac{2}{221}$	$\frac{49}{221}$	$\frac{73}{221}$	$\frac{74}{221}$	$\Phi_{221}^{7}\ \Phi_{17}^{7}\ \Phi_{13}^{7}\ \Phi_{1}^{8}$
109365	1548	2068	$\frac{4}{517}$	$\frac{1}{4}$	$\frac{171}{517}$	$\frac{173}{517}$	$\Phi_{2068}\ \Phi_{1034}\ \Phi_{188}\ \Phi_{94}\ \Phi_{44}\ \Phi_{22}$
109366	1548	1547	$\frac{8}{1547}$	$\frac{513}{1547}$	$\frac{515}{1547}$	$\frac{517}{1547}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}\ \Phi_{91}\ \Phi_{17}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}^{2}$
109367	1548	2325	$\frac{4}{775}$	$\frac{257}{775}$	$\frac{1}{3}$	$\frac{259}{775}$	$\Phi_{2325}\ \Phi_{465}\ \Phi_{93}\ \Phi_{75}\ \Phi_{15}$
109368	1548	579	$\frac{1}{193}$	$\frac{64}{193}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{579}^{2}\ \Phi_{193}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
109369	1548	780	$\frac{1}{130}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{780}^{2}\ \Phi_{390}\ \Phi_{260}^{4}\ \Phi_{195}\ \Phi_{156}^{2}\ \Phi_{130}^{2}\ \Phi_{78}\ \Phi_{65}^{2}\ \Phi_{60}^{2}\ \Phi_{52}^{4}\ \Phi_{39}$ $\Phi_{30}\ \Phi_{26}^{2}\ \Phi_{20}^{4}\ \Phi_{15}\ \Phi_{13}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
109370	1548	579	$\frac{4}{193}$	$\frac{21}{193}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{579}^{2}\ \Phi_{193}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
109371	1548	660	$\frac{1}{44}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{4}\ \Phi_{165}^{2}\ \Phi_{132}\ \Phi_{110}^{4}\ \Phi_{66}\ \Phi_{60}^{2}\ \Phi_{55}^{4}\ \Phi_{44}^{2}\ \Phi_{33}$ $\Phi_{30}\ \Phi_{22}^{2}\ \Phi_{20}^{4}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
109372	1548	855	$\frac{2}{45}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{855}^{2}\ \Phi_{285}^{2}\ \Phi_{171}^{2}\ \Phi_{95}^{2}\ \Phi_{57}$
109373	1548	3084	$\frac{2}{257}$	$\frac{1}{4}$	$\frac{85}{257}$	$\frac{1}{3}$	$\Phi_{3084}\ \Phi_{1542}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
109374	1548	2325	$\frac{7}{775}$	$\frac{173}{775}$	$\frac{256}{775}$	$\frac{1}{3}$	$\Phi_{2325}\ \Phi_{465}\ \Phi_{93}\ \Phi_{75}\ \Phi_{15}$
109375	1548	1155	$\frac{4}{385}$	$\frac{1}{5}$	$\frac{127}{385}$	$\frac{1}{3}$	$\Phi_{1155}^{2}\ \Phi_{231}^{2}\ \Phi_{165}^{2}\ \Phi_{105}^{2}\ \Phi_{33}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{3}\ \Phi_{3}^{2}$
109376	1548	1344	$\frac{1}{64}$	$\frac{1}{7}$	$\frac{21}{64}$	$\frac{1}{3}$	$\Phi_{1344}^{2}\ \Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{21}^{3}$
109377	1548	2325	$\frac{16}{775}$	$\frac{87}{775}$	$\frac{253}{775}$	$\frac{1}{3}$	$\Phi_{2325}\ \Phi_{465}\ \Phi_{93}\ \Phi_{75}\ \Phi_{15}$
109378	1548	93	$\frac{1}{31}$	$\frac{7}{93}$	$\frac{10}{31}$	$\frac{1}{3}$	$\Phi_{93}^{16}\ \Phi_{31}^{18}\ \Phi_{3}^{15}\ \Phi_{1}^{18}$
109379	1548	825	$\frac{1}{25}$	$\frac{17}{275}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{825}^{3}\ \Phi_{165}^{3}\ \Phi_{75}\ \Phi_{33}^{3}\ \Phi_{15}$
109380	1548	1197	$\frac{1}{21}$	$\frac{1}{19}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{1197}^{2}\ \Phi_{171}^{2}\ \Phi_{57}$
109381	1548	315	$\frac{2}{45}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{315}^{5}\ \Phi_{105}^{4}\ \Phi_{63}^{5}\ \Phi_{45}^{6}\ \Phi_{35}^{5}\ \Phi_{21}^{4}\ \Phi_{15}^{5}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
109382	1548	375	$\frac{1}{25}$	$\frac{8}{125}$	$\frac{39}{125}$	$\frac{1}{3}$	$\Phi_{375}^{6}\ \Phi_{75}^{7}\ \Phi_{15}^{7}\ \Phi_{3}^{6}$
109383	1548	186	$\frac{1}{31}$	$\frac{5}{62}$	$\frac{19}{62}$	$\frac{1}{3}$	$\Phi_{186}^{12}\ \Phi_{93}^{13}\ \Phi_{6}^{12}\ \Phi_{3}^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
109384	1548	2244	$\frac{1}{44}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{561}\ \Phi_{204}\ \Phi_{132}^2\ \Phi_{102}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{12}^2\ \Phi_6^2$
109385	1548	2325	$\frac{13}{775}$	$\frac{127}{775}$	$\frac{216}{775}$	$\frac{1}{3}$	$\Phi_{2325}\ \Phi_{465}\ \Phi_{93}\ \Phi_{75}\ \Phi_{15}$
109386	1548	348	$\frac{1}{87}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{348}^4\ \Phi_{174}^4\ \Phi_{116}^4\ \Phi_{87}^6\ \Phi_{58}^4\ \Phi_{29}^6\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
109387	1548	3084	$\frac{5}{257}$	$\frac{42}{257}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3084}\ \Phi_{1542}\ \Phi_{12}^2\ \Phi_6^2$
109388	1548	924	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^3\ \Phi_{462}^3\ \Phi_{231}^3\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{21}^3$
109389	1548	2340	$\frac{2}{45}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{468}\ \Phi_{390}\ \Phi_{260}\ \Phi_{234}\ \Phi_{130}\ \Phi_{52}\ \Phi_{26}$
109390	1548	1302	$\frac{1}{31}$	$\frac{47}{434}$	$\frac{15}{62}$	$\frac{1}{3}$	$\Phi_{1302}^2\ \Phi_{651}^2\ \Phi_{93}\ \Phi_{42}^2\ \Phi_{21}^2$
109391	1548	3192	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{3192}\ \Phi_{1596}\ \Phi_{456}\ \Phi_{228}\ \Phi_{57}$
109392	1548	315	$\frac{2}{45}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{315}^5\ \Phi_{105}^4\ \Phi_{63}^5\ \Phi_{45}^6\ \Phi_{35}^5\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_9^6\ \Phi_7^5\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
109393	1548	1500	$\frac{1}{25}$	$\frac{12}{125}$	$\frac{113}{500}$	$\frac{1}{3}$	$\Phi_{1500}^2\ \Phi_{750}^2\ \Phi_{300}^2\ \Phi_{150}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
109394	1548	1488	$\frac{1}{31}$	$\frac{15}{124}$	$\frac{109}{496}$	$\frac{1}{3}$	$\Phi_{1488}^2\ \Phi_{744}^2\ \Phi_{93}\ \Phi_{48}^2\ \Phi_{24}^2$
109395	1548	1320	$\frac{2}{55}$	$\frac{53}{440}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{330}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{120}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
109396	1548	2415	$\frac{31}{805}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{345}\ \Phi_{69}\ \Phi_{15}$
109397	1548	90	$\frac{2}{45}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{90}^{20}\ \Phi_{45}^{16}\ \Phi_{30}^{16}\ \Phi_{18}^{20}\ \Phi_{15}^{13}\ \Phi_{10}^{20}\ \Phi_9^{16}\ \Phi_6^{16}\ \Phi_5^{16}\ \Phi_3^{12}\ \Phi_2^{20}\ \Phi_1^{16}$
109398	1548	420	$\frac{2}{35}$	$\frac{11}{140}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{420}^6\ \Phi_{210}^6\ \Phi_{105}^4\ \Phi_{84}^6\ \Phi_{60}^6\ \Phi_{42}^6\ \Phi_{30}^6\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^4$
109399	1548	825	$\frac{17}{275}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{825}^3\ \Phi_{165}^2\ \Phi_{75}^3\ \Phi_{33}^2\ \Phi_{15}^3\ \Phi_3^2$
109400	1548	3360	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{31}{160}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{21}$
109401	1548	2625	$\frac{1}{25}$	$\frac{101}{875}$	$\frac{24}{125}$	$\frac{1}{3}$	$\Phi_{2625}\ \Phi_{525}\ \Phi_{105}\ \Phi_{75}\ \Phi_{21}\ \Phi_{15}$
109402	1548	1995	$\frac{1}{19}$	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{285}\ \Phi_{95}\ \Phi_{57}$
109403	1548	465	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{26}{155}$	$\frac{1}{3}$	$\Phi_{465}^6\ \Phi_{93}\ \Phi_{15}^6$
109404	1548	912	$\frac{1}{19}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{57}$
109405	1548	150	$\frac{1}{25}$	$\frac{7}{50}$	$\frac{4}{25}$	$\frac{1}{3}$	$\Phi_{150}^{18}\ \Phi_{75}^{13}\ \Phi_{30}^{18}\ \Phi_{15}^{13}\ \Phi_6^{18}\ \Phi_3^{12}$
109406	1548	510	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{8}{51}$	$\frac{1}{3}$	$\Phi_{510}^3\ \Phi_{255}^3\ \Phi_{170}^4\ \Phi_{102}^3\ \Phi_{85}^4\ \Phi_{34}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_2^4$
109407	1548	315	$\frac{2}{45}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{315}^5\ \Phi_{105}^5\ \Phi_{63}^5\ \Phi_{45}^6\ \Phi_{35}^5\ \Phi_{15}^6\ \Phi_9^6\ \Phi_7^5\ \Phi_5^6\ \Phi_1^6$
109408	1548	2856	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{357}\ \Phi_{21}$
109409	1548	2793	$\frac{1}{19}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2793}\ \Phi_{57}$
109410	1548	336	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^6\ \Phi_{84}^5\ \Phi_{56}^6\ \Phi_{42}^5\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_7^6$
109411	1548	93	$\frac{7}{93}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{3}$	$\Phi_{93}^{16}\ \Phi_{31}^{18}\ \Phi_3^{15}\ \Phi_1^{18}$
109412	1548	704	$\frac{1}{64}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{21}{64}$	$\Phi_{704}^2\ \Phi_{352}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{64}^4\ \Phi_{44}^2\ \Phi_{32}^4\ \Phi_{22}^2\ \Phi_{16}^4\ \Phi_{11}^3\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
109413	1548	320	$\frac{1}{64}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{21}{64}$	$\Phi_{320}^6\ \Phi_{160}^6\ \Phi_{80}^6\ \Phi_{40}^6\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_5^6$
109414	1548	119	$\frac{2}{119}$	$\frac{20}{119}$	$\frac{33}{119}$	$\frac{39}{119}$	$\Phi_{119}^{13}\ \Phi_{17}^{13}\ \Phi_7^{13}\ \Phi_1^{14}$
109415	1548	1940	$\frac{7}{388}$	$\frac{1}{5}$	$\frac{87}{388}$	$\frac{127}{388}$	$\Phi_{1940}\ \Phi_{970}\ \Phi_{485}\ \Phi_{20}\ \Phi_{10}$
109416	1548	1547	$\frac{29}{1547}$	$\frac{300}{1547}$	$\frac{347}{1547}$	$\frac{506}{1547}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}\ \Phi_{91}\ \Phi_{17}\ \Phi_{13}\ \Phi_7\ \Phi_1^2$
109417	1548	2068	$\frac{10}{517}$	$\frac{87}{517}$	$\frac{1}{4}$	$\frac{169}{517}$	$\Phi_{2068}\ \Phi_{1034}\ \Phi_{188}\ \Phi_{94}\ \Phi_{44}\ \Phi_{22}$
109418	1548	777	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{25}{111}$	$\frac{12}{37}$	$\Phi_{777}^3\ \Phi_{259}\ \Phi_{21}^3$
109419	1548	1012	$\frac{10}{253}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{81}{253}$	$\Phi_{1012}^2\ \Phi_{506}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_4^2\ \Phi_2^2$
109420	1548	315	$\frac{1}{21}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{20}{63}$	$\Phi_{315}^7\ \Phi_{63}^8\ \Phi_{45}^7\ \Phi_{35}\ \Phi_9^8\ \Phi_7\ \Phi_5\ \Phi_1^2$
109421	1548	3276	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{20}{63}$	$\Phi_{3276}\ \Phi_{1638}\ \Phi_{468}\ \Phi_{234}\ \Phi_{52}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
109422	1548	315	$\frac{1}{21}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{20}{63}$	$\Phi_{315}^{7}\,\Phi_{63}^{8}\,\Phi_{45}^{7}\,\Phi_{35}\,\Phi_{9}^{8}\,\Phi_{7}\,\Phi_{5}\,\Phi_{1}^{2}$
109423	1548	630	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{20}{63}$	$\Phi_{630}^{4}\,\Phi_{315}^{3}\,\Phi_{126}^{4}\,\Phi_{90}^{4}\,\Phi_{63}^{4}\,\Phi_{45}^{3}\,\Phi_{18}^{4}\,\Phi_{10}^{4}\,\Phi_{9}^{4}\,\Phi_{5}^{3}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
109424	1548	63	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{20}{63}$	$\Phi_{63}^{36}\,\Phi_{9}^{36}\,\Phi_{7}^{5}\,\Phi_{1}^{6}$
109425	1548	280	$\frac{2}{35}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{11}{35}$	$\Phi_{280}^{7}\,\Phi_{140}^{7}\,\Phi_{56}^{8}\,\Phi_{40}^{7}\,\Phi_{35}\,\Phi_{28}^{8}\,\Phi_{20}^{7}\,\Phi_{8}^{8}\,\Phi_{7}\,\Phi_{5}\,\Phi_{4}^{8}\,\Phi_{1}^{2}$
109426	1548	1680	$\frac{2}{35}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{11}{35}$	$\Phi_{1680}\,\Phi_{840}\,\Phi_{560}\,\Phi_{420}\,\Phi_{336}\,\Phi_{280}\,\Phi_{240}\,\Phi_{168}\,\Phi_{140}\,\Phi_{120}\,\Phi_{112}\,\Phi_{84}\,\Phi_{80}\,\Phi_{60}\,\Phi_{56}\,\Phi_{48}^{2}\,\Phi_{40}\,\Phi_{35}\,\Phi_{28}\,\Phi_{24}^{2}\,\Phi_{20}\,\Phi_{16}^{2}\,\Phi_{12}^{2}\,\Phi_{8}^{2}\,\Phi_{7}\,\Phi_{5}\,\Phi_{4}^{2}\,\Phi_{1}^{2}$
109427	1548	245	$\frac{2}{35}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{11}{35}$	$\Phi_{245}^{7}\,\Phi_{49}^{8}\,\Phi_{35}\,\Phi_{7}\,\Phi_{5}\,\Phi_{1}^{2}$
109428	1548	187	$\frac{1}{17}$	$\frac{13}{187}$	$\frac{4}{17}$	$\frac{58}{187}$	$\Phi_{187}^{8}\,\Phi_{17}^{11}\,\Phi_{11}^{8}\,\Phi_{1}^{12}$
109429	1548	169	$\frac{9}{169}$	$\frac{1}{13}$	$\frac{40}{169}$	$\frac{4}{13}$	$\Phi_{169}^{9}\,\Phi_{13}^{11}\,\Phi_{1}^{12}$
109430	1548	91	$\frac{5}{91}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{91}^{18}\,\Phi_{13}^{11}\,\Phi_{7}^{18}\,\Phi_{1}^{12}$
109431	1548	52	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{9}{52}$	$\frac{4}{13}$	$\Phi_{52}^{36}\,\Phi_{26}^{36}\,\Phi_{13}^{11}\,\Phi_{4}^{36}\,\Phi_{2}^{36}\,\Phi_{1}^{12}$
109432	1548	650	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{7}{50}$	$\frac{3}{10}$	$\Phi_{650}^{3}\,\Phi_{325}^{3}\,\Phi_{130}\,\Phi_{65}\,\Phi_{26}$
109433	1548	170	$\frac{3}{85}$	$\frac{2}{17}$	$\frac{41}{170}$	$\frac{5}{17}$	$\Phi_{170}^{12}\,\Phi_{85}^{6}\,\Phi_{34}^{12}\,\Phi_{17}^{7}\,\Phi_{10}^{12}\,\Phi_{5}^{6}\,\Phi_{2}^{12}\,\Phi_{1}^{8}$
109434	1548	765	$\frac{2}{45}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{765}^{2}\,\Phi_{255}^{2}\,\Phi_{153}^{2}\,\Phi_{85}\,\Phi_{51}^{2}\,\Phi_{45}^{4}\,\Phi_{17}^{2}\,\Phi_{15}^{4}\,\Phi_{9}^{4}\,\Phi_{5}^{2}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
109435	1548	136	$\frac{7}{136}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{136}^{12}\,\Phi_{68}^{12}\,\Phi_{34}^{12}\,\Phi_{17}^{7}\,\Phi_{8}^{12}\,\Phi_{4}^{12}\,\Phi_{2}^{12}\,\Phi_{1}^{8}$
109436	1548	51	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{8}{51}$	$\frac{5}{17}$	$\Phi_{51}^{36}\,\Phi_{17}^{19}\,\Phi_{3}^{36}\,\Phi_{1}^{20}$
109437	1548	182	$\frac{3}{91}$	$\frac{23}{182}$	$\frac{22}{91}$	$\frac{53}{182}$	$\Phi_{182}^{8}\,\Phi_{91}^{9}\,\Phi_{26}^{8}\,\Phi_{14}^{8}\,\Phi_{13}^{9}\,\Phi_{7}^{9}\,\Phi_{2}^{8}\,\Phi_{1}^{10}$
109438	1548	182	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{182}$	$\frac{53}{182}$	$\Phi_{182}^{8}\,\Phi_{91}^{8}\,\Phi_{26}^{12}\,\Phi_{14}^{8}\,\Phi_{13}^{11}\,\Phi_{7}^{8}\,\Phi_{2}^{12}\,\Phi_{1}^{12}$
109439	1548	91	$\frac{5}{91}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{91}^{18}\,\Phi_{13}^{18}\,\Phi_{7}^{5}\,\Phi_{1}^{6}$
109440	1548	2220	$\frac{1}{37}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{2220}\,\Phi_{1110}\,\Phi_{555}\,\Phi_{444}\,\Phi_{222}\,\Phi_{148}\,\Phi_{111}\,\Phi_{74}$
109441	1548	780	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{60}$	$\Phi_{780}^{3}\,\Phi_{390}^{3}\,\Phi_{195}^{3}\,\Phi_{156}^{3}\,\Phi_{130}\,\Phi_{78}^{3}\,\Phi_{65}\,\Phi_{39}^{3}\,\Phi_{26}$
109442	1548	91	$\frac{5}{91}$	$\frac{11}{91}$	$\frac{16}{91}$	$\frac{25}{91}$	$\Phi_{91}^{17}\,\Phi_{13}^{17}\,\Phi_{7}^{17}\,\Phi_{1}^{18}$
109443	1548	44	$\frac{1}{44}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{44}^{35}\,\Phi_{22}^{35}\,\Phi_{11}^{36}\,\Phi_{4}^{34}\,\Phi_{2}^{34}\,\Phi_{1}^{36}$
109444	1548	1760	$\frac{1}{32}$	$\frac{2}{11}$	$\frac{31}{160}$	$\frac{3}{11}$	$\Phi_{1760}\,\Phi_{880}\,\Phi_{440}\,\Phi_{220}\,\Phi_{160}^{2}\,\Phi_{110}\,\Phi_{80}^{2}\,\Phi_{55}\,\Phi_{40}^{2}\,\Phi_{20}^{2}\,\Phi_{11}\,\Phi_{10}^{2}\,\Phi_{5}^{2}\,\Phi_{1}^{2}$
109445	1548	1496	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1496}\,\Phi_{748}\,\Phi_{374}\,\Phi_{187}\,\Phi_{136}^{2}\,\Phi_{68}^{2}\,\Phi_{34}^{2}\,\Phi_{17}^{2}\,\Phi_{11}\,\Phi_{1}^{2}$
109446	1548	528	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{528}^{3}\,\Phi_{264}^{3}\,\Phi_{176}^{2}\,\Phi_{132}^{3}\,\Phi_{88}^{2}\,\Phi_{66}^{3}\,\Phi_{48}^{6}\,\Phi_{44}^{2}\,\Phi_{33}^{3}\,\Phi_{24}^{6}\,\Phi_{22}^{2}\,\Phi_{16}^{4}\,\Phi_{12}^{6}\,\Phi_{11}^{3}\,\Phi_{8}^{4}\,\Phi_{6}^{6}\,\Phi_{4}^{4}\,\Phi_{3}^{6}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
109447	1548	1628	$\frac{1}{44}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{1628}\,\Phi_{814}\,\Phi_{407}\,\Phi_{148}\,\Phi_{74}$
109448	1548	940	$\frac{1}{47}$	$\frac{46}{235}$	$\frac{1}{4}$	$\frac{63}{235}$	$\Phi_{940}^{2}\,\Phi_{470}^{2}\,\Phi_{188}^{3}\,\Phi_{94}^{3}\,\Phi_{20}^{2}\,\Phi_{10}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}$
109449	1548	455	$\frac{3}{91}$	$\frac{68}{455}$	$\frac{22}{91}$	$\frac{23}{91}$	$\Phi_{455}^{4}\,\Phi_{91}\,\Phi_{65}^{4}\,\Phi_{35}^{4}\,\Phi_{13}\,\Phi_{7}\,\Phi_{5}^{4}\,\Phi_{1}^{2}$
109450	1548	1547	$\frac{27}{1547}$	$\frac{380}{1547}$	$\frac{386}{1547}$	$\frac{389}{1547}$	$\Phi_{1547}\,\Phi_{221}\,\Phi_{119}\,\Phi_{91}\,\Phi_{17}\,\Phi_{13}\,\Phi_{7}\,\Phi_{1}^{2}$
109451	1548	2068	$\frac{9}{517}$	$\frac{127}{517}$	$\frac{1}{4}$	$\frac{130}{517}$	$\Phi_{2068}\,\Phi_{1034}\,\Phi_{188}\,\Phi_{94}\,\Phi_{44}\,\Phi_{22}$
109452	1548	228	$\frac{1}{57}$	$\frac{14}{57}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{228}^{6}\,\Phi_{114}^{6}\,\Phi_{76}^{6}\,\Phi_{57}^{9}\,\Phi_{38}^{6}\,\Phi_{19}^{9}\,\Phi_{12}^{6}\,\Phi_{6}^{6}\,\Phi_{4}^{8}\,\Phi_{3}^{9}\,\Phi_{2}^{8}\,\Phi_{1}^{12}$
109453	1548	220	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{220}^{9}\,\Phi_{110}^{9}\,\Phi_{55}^{9}\,\Phi_{20}^{7}\,\Phi_{10}^{7}\,\Phi_{5}^{6}$
109454	1548	180	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{180}^{8}\,\Phi_{90}^{8}\,\Phi_{60}^{8}\,\Phi_{45}^{12}\,\Phi_{36}^{6}\,\Phi_{30}^{8}\,\Phi_{20}^{8}\,\Phi_{18}^{6}\,\Phi_{15}^{12}\,\Phi_{12}^{6}\,\Phi_{10}^{8}\,\Phi_{9}^{9}\,\Phi_{6}^{6}\,\Phi_{5}^{12}\,\Phi_{4}^{8}\,\Phi_{3}^{9}\,\Phi_{2}^{8}\,\Phi_{1}^{12}$
109455	1548	380	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{380}^{4}\,\Phi_{190}^{4}\,\Phi_{95}^{6}\,\Phi_{76}^{2}\,\Phi_{38}^{2}\,\Phi_{20}^{4}\,\Phi_{19}^{3}\,\Phi_{10}^{4}\,\Phi_{5}^{6}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
109456	1548	2560	$\frac{3}{128}$	$\frac{1}{5}$	$\frac{125}{512}$	$\frac{1}{4}$	$\Phi_{2560}\,\Phi_{1280}\,\Phi_{20}\,\Phi_{10}$
109457	1548	188	$\frac{3}{47}$	$\frac{4}{47}$	$\frac{11}{47}$	$\frac{1}{4}$	$\Phi_{188}^{11}\,\Phi_{94}^{11}\,\Phi_{4}^{10}\,\Phi_{2}^{10}$
109458	1548	728	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{13}{56}$	$\frac{1}{4}$	$\Phi_{728}^{3}\,\Phi_{364}\,\Phi_{182}^{2}\,\Phi_{104}^{3}\,\Phi_{91}^{2}\,\Phi_{52}^{2}\,\Phi_{26}^{3}\,\Phi_{13}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
109459	1548	160	$\frac{1}{32}$	$\frac{31}{160}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{160}^{9}\ \Phi_{80}^{9}\ \Phi_{40}^{9}\ \Phi_{32}^{12}\ \Phi_{20}^{10}\ \Phi_{16}^{12}\ \Phi_{10}^{10}\ \Phi_{8}^{12}\ \Phi_{5}^{9}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
109460	1548	400	$\frac{13}{400}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{400}^{4}\ \Phi_{200}^{4}\ \Phi_{100}^{4}\ \Phi_{80}^{3}\ \Phi_{50}^{4}\ \Phi_{40}^{3}\ \Phi_{25}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
109461	1548	1260	$\frac{2}{45}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{420}^{2}\ \Phi_{252}^{2}\ \Phi_{210}^{2}\ \Phi_{140}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{70}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
109462	1548	2240	$\frac{3}{64}$	$\frac{61}{448}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
109463	1548	680	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{680}^{3}\ \Phi_{340}^{3}\ \Phi_{170}^{3}\ \Phi_{85}^{3}\ \Phi_{20}\ \Phi_{10}$
109464	1548	240	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{240}^{9}\ \Phi_{120}^{9}\ \Phi_{80}^{6}\ \Phi_{60}^{9}\ \Phi_{40}^{6}\ \Phi_{30}^{9}\ \Phi_{20}^{7}\ \Phi_{15}^{9}\ \Phi_{10}^{7}\ \Phi_{5}^{6}$
109465	1548	2080	$\frac{29}{416}$	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{20}\ \Phi_{10}$
109466	1548	624	$\frac{1}{13}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{624}^{3}\ \Phi_{312}^{3}\ \Phi_{208}^{3}\ \Phi_{156}\ \Phi_{104}^{3}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{3}\ \Phi_{13}^{2}$
109467	1548	1428	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{8}{51}$	$\frac{1}{4}$	$\Phi_{1428}^{2}\ \Phi_{714}^{2}\ \Phi_{476}\ \Phi_{238}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
109468	1548	188	$\frac{4}{47}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{4}$	$\Phi_{188}^{11}\ \Phi_{94}^{11}\ \Phi_{4}^{10}\ \Phi_{2}^{10}$
109469	1548	2548	$\frac{1}{13}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2548}\ \Phi_{1274}\ \Phi_{52}\ \Phi_{26}$
109470	1548	280	$\frac{1}{14}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{13}{56}$	$\Phi_{280}^{7}\ \Phi_{140}^{7}\ \Phi_{56}^{8}\ \Phi_{40}^{7}\ \Phi_{35}\ \Phi_{28}^{8}\ \Phi_{20}^{7}\ \Phi_{8}^{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^{8}\ \Phi_{1}^{2}$
109471	1548	280	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{13}{56}$	$\Phi_{280}^{7}\ \Phi_{140}^{7}\ \Phi_{56}^{8}\ \Phi_{40}^{7}\ \Phi_{28}^{8}\ \Phi_{20}^{7}\ \Phi_{10}^{4}\ \Phi_{8}^{8}\ \Phi_{5}^{3}\ \Phi_{4}^{8}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
109472	1548	56	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{13}{56}$	$\Phi_{56}^{36}\ \Phi_{28}^{36}\ \Phi_{8}^{36}\ \Phi_{7}^{5}\ \Phi_{4}^{36}\ \Phi_{1}^{6}$
109473	1548	1680	$\frac{3}{35}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{8}{35}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{84}\ \Phi_{80}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}^{2}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
109474	1548	245	$\frac{3}{35}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{8}{35}$	$\Phi_{245}^{7}\ \Phi_{49}^{8}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
109475	1548	2080	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{31}{160}$	$\frac{9}{40}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{416}\ \Phi_{208}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
109476	1548	140	$\frac{11}{140}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{140}^{12}\ \Phi_{70}^{12}\ \Phi_{35}^{12}\ \Phi_{28}^{12}\ \Phi_{20}^{12}\ \Phi_{10}^{12}\ \Phi_{7}^{5}\ \Phi_{5}^{12}\ \Phi_{4}^{12}\ \Phi_{1}^{6}$
109477	1548	240	$\frac{1}{10}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{240}^{7}\ \Phi_{120}^{7}\ \Phi_{80}^{7}\ \Phi_{60}^{7}\ \Phi_{48}^{8}\ \Phi_{40}^{7}\ \Phi_{24}^{8}\ \Phi_{20}^{7}\ \Phi_{16}^{8}\ \Phi_{12}^{8}\ \Phi_{10}^{4}\ \Phi_{8}^{8}\ \Phi_{5}^{3}\ \Phi_{4}^{8}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
109478	1548	650	$\frac{1}{13}$	$\frac{7}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{650}^{3}\ \Phi_{325}^{2}\ \Phi_{130}^{3}\ \Phi_{65}^{3}\ \Phi_{26}^{3}\ \Phi_{13}^{2}$
109479	1548	490	$\frac{1}{10}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{490}^{4}\ \Phi_{245}^{3}\ \Phi_{98}^{4}\ \Phi_{49}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
109480	1548	105	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{19}{105}$	$\Phi_{105}^{18}\ \Phi_{35}^{18}\ \Phi_{15}^{18}\ \Phi_{7}^{5}\ \Phi_{5}^{18}\ \Phi_{1}^{6}$
109481	1548	245	$\frac{29}{245}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{245}^{6}\ \Phi_{49}^{7}\ \Phi_{35}^{7}\ \Phi_{7}^{7}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
109482	1548	336	$\frac{5}{48}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{336}^{5}\ \Phi_{168}^{5}\ \Phi_{112}^{5}\ \Phi_{84}^{5}\ \Phi_{56}^{5}\ \Phi_{48}^{6}\ \Phi_{28}^{5}\ \Phi_{24}^{6}\ \Phi_{16}^{6}\ \Phi_{12}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{4}^{6}\ \Phi_{1}^{6}$
109483	1548	49	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\Phi_{49}^{36}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
109484	1549	3088	$\frac{5}{1544}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1539}{3088}$	$\Phi_{3088}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
109485	1549	2752	$\frac{1}{172}$	$\frac{173}{1376}$	$\frac{1203}{2752}$	$\frac{171}{344}$	$\Phi_{2752}\ \Phi_{344}\ \Phi_{64}\ \Phi_{8}\ \Phi_{1}$
109486	1549	2064	$\frac{1}{172}$	$\frac{515}{2064}$	$\frac{173}{688}$	$\frac{171}{344}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{516}\ \Phi_{344}\ \Phi_{258}\ \Phi_{129}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
109487	1549	3072	$\frac{13}{1536}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1523}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
109488	1549	3072	$\frac{13}{1536}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1523}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
109489	1549	1692	$\frac{2}{141}$	$\frac{143}{1692}$	$\frac{1}{3}$	$\frac{139}{282}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{564}\ \Phi_{423}\ \Phi_{188}\ \Phi_{141}\ \Phi_{47}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
109490	1549	3036	$\frac{31}{1518}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1487}{3036}$	$\Phi_{3036}\ \Phi_{1012}\ \Phi_{276}\ \Phi_{132}\ \Phi_{92}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
109491	1549	1776	$\frac{5}{222}$	$\frac{227}{1776}$	$\frac{1}{6}$	$\frac{217}{444}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{592}\ \Phi_{296}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}\ \Phi_{48}\ \Phi_{37}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
109492	1549	3024	$\frac{37}{1512}$	$\frac{1}{36}$	$\frac{35}{72}$	$\frac{1475}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
109493	1549	3024	$\frac{37}{1512}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1475}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
109494	1549	3024	$\frac{37}{1512}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1475}{3024}$	Φ_{3024} Φ_{1008} Φ_{432} Φ_{336} Φ_{144} Φ_{112} Φ_{48} Φ_{42} Φ_{21} Φ_{16} Φ_{14} Φ_{7} Φ_{1}
109495	1549	2016	$\frac{1}{36}$	$\frac{37}{504}$	$\frac{467}{2016}$	$\frac{35}{72}$	Φ_{2016} Φ_{1008} Φ_{672} Φ_{336} Φ_{288} Φ_{224} Φ_{144} Φ_{112} Φ_{96} Φ_{72} Φ_{48} Φ_{32} Φ_{24} Φ_{16} Φ_{8} Φ_{1}
109496	1549	1728	$\frac{1}{36}$	$\frac{179}{1728}$	$\frac{37}{216}$	$\frac{35}{72}$	Φ_{1728} Φ_{864} Φ_{576} Φ_{432} Φ_{288} Φ_{192} Φ_{144} Φ_{96} Φ_{72} Φ_{64} Φ_{48} Φ_{32} Φ_{24} Φ_{16} Φ_{8} Φ_{1}
109497	1549	2088	$\frac{17}{522}$	$\frac{1}{18}$	$\frac{539}{2088}$	$\frac{505}{1044}$	Φ_{2088} Φ_{696} Φ_{522} Φ_{261} Φ_{232} Φ_{174} Φ_{87} Φ_{72} Φ_{58} Φ_{29} Φ_{24} Φ_{8} Φ_{1}
109498	1549	3000	$\frac{49}{1500}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1451}{3000}$	Φ_{3000} Φ_{1000} Φ_{600} Φ_{200} Φ_{120} Φ_{60} Φ_{40} Φ_{30} Φ_{24} Φ_{20} Φ_{15} Φ_{10} Φ_{8} Φ_{5} Φ_{1}
109499	1549	1872	$\frac{11}{312}$	$\frac{1}{12}$	$\frac{323}{1872}$	$\frac{301}{624}$	Φ_{1872} Φ_{936} Φ_{468} Φ_{312} Φ_{234} Φ_{156} Φ_{144} Φ_{117} Φ_{104} Φ_{78} Φ_{72} Φ_{52} Φ_{39} Φ_{36} Φ_{26} Φ_{24} Φ_{18} Φ_{13} Φ_{9} Φ_{8} Φ_{1}
109500	1549	1584	$\frac{35}{1584}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	Φ_{1584} Φ_{792} Φ_{528} Φ_{396} Φ_{264} Φ_{198} Φ_{176} Φ_{144} Φ_{132} Φ_{99} Φ_{88} Φ_{72} Φ_{48} Φ_{44} Φ_{36} Φ_{33} Φ_{24} Φ_{18} Φ_{16} Φ_{12} Φ_{11} Φ_{9} Φ_{8} Φ_{4} Φ_{1}
109501	1549	2880	$\frac{1}{36}$	$\frac{109}{1440}$	$\frac{35}{144}$	$\frac{1331}{2880}$	Φ_{2880} Φ_{960} Φ_{576} Φ_{320} Φ_{192} Φ_{144} Φ_{72} Φ_{64} Φ_{48} Φ_{24} Φ_{16} Φ_{8} Φ_{1}
109502	1549	2880	$\frac{109}{1440}$	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1331}{2880}$	Φ_{2880} Φ_{960} Φ_{576} Φ_{320} Φ_{192} Φ_{120} Φ_{64} Φ_{60} Φ_{40} Φ_{30} Φ_{24} Φ_{20} Φ_{15} Φ_{10} Φ_{8} Φ_{5} Φ_{1}
109503	1549	2304	$\frac{13}{768}$	$\frac{1}{12}$	$\frac{755}{2304}$	$\frac{11}{24}$	Φ_{2304} Φ_{1152} Φ_{576} Φ_{288} Φ_{144} Φ_{72} Φ_{36} Φ_{24} Φ_{18} Φ_{9} Φ_{8} Φ_{1}
109504	1549	1584	$\frac{35}{1584}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	Φ_{1584} Φ_{792} Φ_{528} Φ_{396} Φ_{264} Φ_{198} Φ_{176} Φ_{144} Φ_{132} Φ_{99} Φ_{88} Φ_{72} Φ_{66} Φ_{44} Φ_{36} Φ_{33} Φ_{24} Φ_{22} Φ_{18} Φ_{11} Φ_{9} Φ_{8} Φ_{1}
109505	1549	1920	$\frac{13}{384}$	$\frac{1}{12}$	$\frac{371}{1920}$	$\frac{11}{24}$	Φ_{1920} Φ_{960} Φ_{640} Φ_{480} Φ_{320} Φ_{240} Φ_{160} Φ_{120} Φ_{80} Φ_{60} Φ_{40} Φ_{30} Φ_{24} Φ_{20} Φ_{15} Φ_{10} Φ_{8} Φ_{5} Φ_{1}
109506	1549	1632	$\frac{83}{1632}$	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{11}{24}$	Φ_{1632} Φ_{816} Φ_{544} Φ_{408} Φ_{272} Φ_{204} Φ_{136} Φ_{102} Φ_{68} Φ_{51} Φ_{34} Φ_{24} Φ_{17} Φ_{8} Φ_{1}
109507	1549	1728	$\frac{13}{192}$	$\frac{1}{12}$	$\frac{179}{1728}$	$\frac{11}{24}$	Φ_{1728} Φ_{864} Φ_{576} Φ_{432} Φ_{288} Φ_{216} Φ_{144} Φ_{108} Φ_{72} Φ_{54} Φ_{36} Φ_{27} Φ_{24} Φ_{18} Φ_{9} Φ_{8} Φ_{1}
109508	1549	1680	$\frac{131}{1680}$	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{109}{240}$	Φ_{1680} Φ_{840} Φ_{560} Φ_{420} Φ_{336} Φ_{280} Φ_{210} Φ_{168} Φ_{140} Φ_{120} Φ_{112} Φ_{105} Φ_{84} Φ_{70} Φ_{60} Φ_{56} Φ_{42} Φ_{40} Φ_{35} Φ_{30} Φ_{28} Φ_{24} Φ_{21} Φ_{20} Φ_{15} Φ_{14} Φ_{10} Φ_{8} Φ_{7} Φ_{5} Φ_{1}
109509	1549	2820	$\frac{2}{141}$	$\frac{139}{1410}$	$\frac{1}{3}$	$\frac{1271}{2820}$	Φ_{2820} Φ_{940} Φ_{564} Φ_{188} Φ_{141} Φ_{60} Φ_{47} Φ_{20} Φ_{12} Φ_{4} Φ_{1}
109510	1549	2808	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{145}{1404}$	$\frac{1259}{2808}$	Φ_{2808} Φ_{936} Φ_{312} Φ_{216} Φ_{156} Φ_{104} Φ_{78} Φ_{72} Φ_{52} Φ_{39} Φ_{26} Φ_{24} Φ_{13} Φ_{8} Φ_{1}
109511	1549	1596	$\frac{47}{1596}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	Φ_{1596} Φ_{798} Φ_{532} Φ_{399} Φ_{266} Φ_{228} Φ_{133} Φ_{114} Φ_{76} Φ_{57} Φ_{42} Φ_{38} Φ_{21} Φ_{19} Φ_{14} Φ_{7} Φ_{1}
109512	1549	2664	$\frac{5}{222}$	$\frac{217}{1332}$	$\frac{1}{6}$	$\frac{1115}{2664}$	Φ_{2664} Φ_{888} Φ_{296} Φ_{222} Φ_{111} Φ_{74} Φ_{72} Φ_{37} Φ_{24} Φ_{8} Φ_{1}
109513	1549	1568	$\frac{19}{1568}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	Φ_{1568} Φ_{784} Φ_{392} Φ_{224} Φ_{196} Φ_{112} Φ_{98} Φ_{56} Φ_{49} Φ_{28} Φ_{16} Φ_{14} Φ_{8} Φ_{7} Φ_{1}
109514	1549	2496	$\frac{11}{312}$	$\frac{1}{12}$	$\frac{301}{1248}$	$\frac{947}{2496}$	Φ_{2496} Φ_{832} Φ_{312} Φ_{192} Φ_{156} Φ_{104} Φ_{78} Φ_{64} Φ_{52} Φ_{39} Φ_{26} Φ_{24} Φ_{13} Φ_{8} Φ_{1}
109515	1549	1728	$\frac{1}{36}$	$\frac{179}{1728}$	$\frac{35}{144}$	$\frac{109}{288}$	Φ_{1728} Φ_{864} Φ_{576} Φ_{432} Φ_{216} Φ_{192} Φ_{144} Φ_{108} Φ_{72} Φ_{64} Φ_{54} Φ_{48} Φ_{27} Φ_{24} Φ_{16} Φ_{8} Φ_{1}
109516	1549	2376	$\frac{1}{36}$	$\frac{35}{396}$	$\frac{361}{1188}$	$\frac{827}{2376}$	Φ_{2376} Φ_{792} Φ_{396} Φ_{264} Φ_{216} Φ_{198} Φ_{132} Φ_{99} Φ_{88} Φ_{72} Φ_{66} Φ_{44} Φ_{33} Φ_{24} Φ_{22} Φ_{11} Φ_{8} Φ_{1}
109517	1549	1620	$\frac{71}{1620}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{37}{108}$	Φ_{1620} Φ_{810} Φ_{540} Φ_{405} Φ_{324} Φ_{270} Φ_{180} Φ_{162} Φ_{135} Φ_{90} Φ_{81} Φ_{60} Φ_{54} Φ_{45} Φ_{30} Φ_{27} Φ_{20} Φ_{15} Φ_{10} Φ_{5} Φ_{1}
109518	1549	2328	$\frac{3}{388}$	$\frac{1}{4}$	$\frac{385}{1164}$	$\frac{779}{2328}$	Φ_{2328} Φ_{776} Φ_{388} Φ_{194} Φ_{97} Φ_{24} Φ_{8} Φ_{1}
109519	1549	2277	$\frac{31}{759}$	$\frac{2}{33}$	$\frac{728}{2277}$	$\frac{1}{3}$	Φ_{2277} Φ_{207} Φ_{99} Φ_{33} Φ_{11} Φ_{9} Φ_{1}
109520	1549	2115	$\frac{2}{141}$	$\frac{139}{705}$	$\frac{566}{2115}$	$\frac{1}{3}$	Φ_{2115} Φ_{423} Φ_{141} Φ_{47} Φ_{45} Φ_{9} Φ_{1}
109521	1549	2304	$\frac{13}{768}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{755}{2304}$	Φ_{2304} Φ_{1152} Φ_{576} Φ_{288} Φ_{144} Φ_{72} Φ_{36} Φ_{18} Φ_{16} Φ_{9} Φ_{8} Φ_{1}
109522	1549	1998	$\frac{5}{222}$	$\frac{1}{6}$	$\frac{449}{1998}$	$\frac{217}{666}$	Φ_{1998} Φ_{999} Φ_{222} Φ_{111} Φ_{74} Φ_{54} Φ_{37} Φ_{27} Φ_{1}
109523	1549	2268	$\frac{37}{756}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{719}{2268}$	Φ_{2268} Φ_{1134} Φ_{567} Φ_{324} Φ_{162} Φ_{81} Φ_{54} Φ_{27} Φ_{1}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
109524	1549	2268	$\frac{37}{756}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{719}{2268}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
109525	1549	1890	$\frac{1}{18}$	$\frac{37}{378}$	$\frac{341}{1890}$	$\frac{17}{54}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{135}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{54}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
109526	1549	1728	$\frac{1}{18}$	$\frac{179}{1728}$	$\frac{37}{216}$	$\frac{17}{54}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
109527	1549	1872	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{323}{1872}$	$\frac{145}{468}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_1$
109528	1549	1800	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{251}{1800}$	$\frac{109}{360}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
109529	1549	1638	$\frac{89}{1638}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{126}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{234}\ \Phi_{182}\ \Phi_{117}\ \Phi_{91}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{26}\ \Phi_{21}\ \Phi_{14}\ \Phi_{13}\ \Phi_7\ \Phi_1$
109530	1549	2160	$\frac{1}{36}$	$\frac{109}{720}$	$\frac{35}{144}$	$\frac{611}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
109531	1549	2160	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{109}{720}$	$\frac{611}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
109532	1549	1584	$\frac{35}{1584}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{16}\ \Phi_{11}\ \Phi_9\ \Phi_8\ \Phi_1$
109533	1549	2048	$\frac{13}{512}$	$\frac{3}{16}$	$\frac{499}{2048}$	$\frac{1}{4}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{16}\ \Phi_8\ \Phi_1$
109534	1549	1600	$\frac{51}{1600}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
109535	1549	1920	$\frac{13}{384}$	$\frac{3}{16}$	$\frac{371}{1920}$	$\frac{1}{4}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
109536	1549	1792	$\frac{13}{256}$	$\frac{243}{1792}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
109537	1549	1632	$\frac{83}{1632}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_1$
109538	1549	1728	$\frac{13}{192}$	$\frac{179}{1728}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
109539	1549	1664	$\frac{115}{1664}$	$\frac{13}{128}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_1$
109540	1549	2016	$\frac{37}{504}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{467}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
109541	1549	1920	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{371}{1920}$	$\frac{109}{480}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
109542	1549	1680	$\frac{131}{1680}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{168}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
109543	1549	1800	$\frac{1}{12}$	$\frac{251}{1800}$	$\frac{49}{300}$	$\frac{11}{60}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
109544	1549	1890	$\frac{37}{378}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{341}{1890}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{135}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
109545	1549	1764	$\frac{5}{42}$	$\frac{215}{1764}$	$\frac{37}{252}$	$\frac{1}{6}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
109546	1550	2472	$\frac{1}{309}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{154}{309}$	$\Phi_{2472}\ \Phi_{824}\ \Phi_{309}\ \Phi_{103}\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
109547	1550	4632	$\frac{3}{772}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{769}{1544}$	$\Phi_{4632}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
109548	1550	2772	$\frac{1}{154}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{153}{308}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}^2\ \Phi_{252}\ \Phi_{132}\ \Phi_{84}\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
109549	1550	924	$\frac{1}{154}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{153}{308}$	$\Phi_{924}^3\ \Phi_{308}^4\ \Phi_{132}^3\ \Phi_{84}^3\ \Phi_{44}^4\ \Phi_{28}^4\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
109550	1550	1536	$\frac{7}{768}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{761}{1536}$	$\Phi_{1536}^2\ \Phi_{512}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
109551	1550	3366	$\frac{2}{153}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{151}{306}$	$\Phi_{3366}\ \Phi_{1122}\ \Phi_{374}\ \Phi_{198}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
109552	1550	2928	$\frac{1}{61}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{30}{61}$	$\Phi_{2928}\ \Phi_{976}\ \Phi_{61}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_1^2$
109553	1550	1647	$\frac{1}{61}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{30}{61}$	$\Phi_{1647}\ \Phi_{549}\ \Phi_{61}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_1^2$
109554	1550	2196	$\frac{1}{61}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{30}{61}$	$\Phi_{2196}\ \Phi_{1098}\ \Phi_{549}\ \Phi_{61}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
109555	1550	1708	$\frac{1}{61}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{30}{61}$	$\Phi_{1708}\ \Phi_{854}\ \Phi_{427}\ \Phi_{61}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
109556	1550	1952	$\frac{1}{61}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{30}{61}$	$\Phi_{1952}\ \Phi_{976}\ \Phi_{61}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_1^2$
109557	1550	366	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{30}{61}$	$\Phi_{366}^4\ \Phi_{183}^4\ \Phi_{122}^4\ \Phi_{61}^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
109558	1550	2288	$\frac{1}{52}$	$\frac{1}{11}$	$\frac{53}{208}$	$\frac{51}{104}$	$\Phi_{2288}\ \Phi_{572}\ \Phi_{286}\ \Phi_{176}\ \Phi_{143}\ \Phi_{44}\ \Phi_{22}$
109559	1550	3344	$\frac{3}{152}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{149}{304}$	$\Phi_{3344}\ \Phi_{176}\ \Phi_{44}\ \Phi_{22}$
109560	1550	2940	$\frac{1}{49}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{24}{49}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{196}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}^2\ \Phi_{49}\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
109561	1550	1617	$\frac{1}{49}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{231}\ \Phi_{77}\ \Phi_{49}\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_1^2$
109562	1550	2205	$\frac{1}{49}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{24}{49}$	$\Phi_{2205}\ \Phi_{441}\ \Phi_{315}\ \Phi_{63}\ \Phi_{49}\ \Phi_{45}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
109563	1550	1960	$\frac{1}{49}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{24}{49}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{392}\ \Phi_{280}\ \Phi_{196}\ \Phi_{140}\ \Phi_{56}\ \Phi_{49}\ \Phi_{40}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
109564	1550	245	$\frac{1}{49}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{24}{49}$	$\Phi_{245}^6\ \Phi_{49}^7\ \Phi_{35}^7\ \Phi_7^8\ \Phi_5^6\ \Phi_1^8$
109565	1550	1764	$\frac{1}{49}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{24}{49}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{252}\ \Phi_{196}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{49}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
109566	1550	1549	$\frac{41}{1549}$	$\frac{159}{1549}$	$\frac{278}{1549}$	$\frac{754}{1549}$	$\Phi_{1549}\ \Phi_1^2$
109567	1550	1866	$\frac{9}{311}$	$\frac{32}{311}$	$\frac{1}{6}$	$\frac{151}{311}$	$\Phi_{1866}\ \Phi_{933}\ \Phi_{622}$
109568	1550	780	$\frac{1}{30}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{780}^4\ \Phi_{260}^4\ \Phi_{156}^4\ \Phi_{78}\ \Phi_{60}^2\ \Phi_{52}^4\ \Phi_{39}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
109569	1550	2940	$\frac{1}{30}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{29}{60}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{196}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}^2\ \Phi_{49}\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
109570	1550	660	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{29}{60}$	$\Phi_{660}^5\ \Phi_{220}^5\ \Phi_{132}^5\ \Phi_{66}\ \Phi_{44}^5\ \Phi_{33}\ \Phi_{22}$
109571	1550	420	$\frac{1}{30}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{29}{60}$	$\Phi_{420}^3\ \Phi_{210}^4\ \Phi_{140}^3\ \Phi_{105}^4\ \Phi_{84}^3\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^5\ \Phi_{21}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}^6\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_7^5\ \Phi_6^4\ \Phi_5^4\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^6$
109572	1550	96	$\frac{1}{32}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{96}^{17}\ \Phi_{48}^{15}\ \Phi_{32}^{16}\ \Phi_{24}^{17}\ \Phi_{16}^{14}\ \Phi_{12}^{17}\ \Phi_8^{16}\ \Phi_6^{17}\ \Phi_4^{16}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{16}$
109573	1550	546	$\frac{1}{26}$	$\frac{1}{21}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{546}^3\ \Phi_{273}^3\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{78}^3\ \Phi_{42}\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{13}^2\ \Phi_7^2\ \Phi_6\ \Phi_3^2\ \Phi_1^2$
109574	1550	544	$\frac{1}{32}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{544}^3\ \Phi_{272}^3\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{34}\ \Phi_{32}^2\ \Phi_{17}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
109575	1550	3168	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{133}{288}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
109576	1550	1848	$\frac{13}{168}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{24}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
109577	1550	286	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{11}$	$\frac{131}{286}$	$\Phi_{286}^{10}\ \Phi_{143}\ \Phi_{26}^{10}\ \Phi_{22}^{10}\ \Phi_2^{10}$
109578	1550	2856	$\frac{1}{51}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{204}\ \Phi_{168}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{34}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
109579	1550	728	$\frac{1}{26}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{728}^4\ \Phi_{182}\ \Phi_{104}^4\ \Phi_{91}\ \Phi_{56}^2\ \Phi_{14}\ \Phi_8^2$
109580	1550	693	$\frac{1}{77}$	$\frac{1}{9}$	$\frac{76}{231}$	$\frac{4}{9}$	$\Phi_{693}^2\ \Phi_{231}^3\ \Phi_{99}^2\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{33}^3\ \Phi_{21}^3\ \Phi_{11}^2\ \Phi_9^3\ \Phi_7^2\ \Phi_3^4\ \Phi_1^4$
109581	1550	693	$\frac{2}{77}$	$\frac{1}{9}$	$\frac{15}{77}$	$\frac{4}{9}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}^2\ \Phi_{77}^4\ \Phi_{63}^2\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{11}^4\ \Phi_9^3\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
109582	1550	288	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^7\ \Phi_{72}^5\ \Phi_{48}^7\ \Phi_{36}^5\ \Phi_{32}^6\ \Phi_{24}^7\ \Phi_{18}^2\ \Phi_{16}^6\ \Phi_{12}^7\ \Phi_9^3\ \Phi_8^6\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
109583	1550	1449	$\frac{6}{161}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{161}^2\ \Phi_{69}\ \Phi_{23}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
109584	1550	468	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{468}^4\ \Phi_{234}^3\ \Phi_{156}^4\ \Phi_{117}^3\ \Phi_{78}^3\ \Phi_{52}^4\ \Phi_{39}^3\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{18}\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
109585	1550	1584	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{21}{176}$	$\frac{4}{9}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{176}^2\ \Phi_{144}\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{72}\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
109586	1550	99	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{99}^{14}\ \Phi_{33}^{19}\ \Phi_{11}^{18}\ \Phi_9^{15}\ \Phi_3^{20}\ \Phi_1^{20}$
109587	1550	504	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^4\ \Phi_{126}^2\ \Phi_{84}^4\ \Phi_{72}^3\ \Phi_{63}^2\ \Phi_{56}^4\ \Phi_{42}^3\ \Phi_{36}^3\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_7^2\ \Phi_6^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
109588	1550	2352	$\frac{9}{784}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
109589	1550	4074	$\frac{1}{97}$	$\frac{96}{679}$	$\frac{1}{3}$	$\frac{583}{1358}$	$\Phi_{4074}\ \Phi_{582}\ \Phi_{291}\ \Phi_{42}\ \Phi_{6}$
109590	1550	910	$\frac{1}{26}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{182}\ \Phi_{130}^2\ \Phi_{91}\ \Phi_{70}^2\ \Phi_{65}^2\ \Phi_{14}\ \Phi_{10}^2$
109591	1550	702	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{702}^2\ \Phi_{351}^2\ \Phi_{234}^3\ \Phi_{117}^3\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{27}^2\ \Phi_{26}^2\ \Phi_{18}\ \Phi_{13}^2\ \Phi_{9}^2\ \Phi_{6}\ \Phi_{3}^2\ \Phi_{1}^2$
109592	1550	1549	$\frac{29}{1549}$	$\frac{249}{1549}$	$\frac{304}{1549}$	$\frac{650}{1549}$	$\Phi_{1549}\ \Phi_{1}^2$
109593	1550	544	$\frac{1}{32}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{544}^3\ \Phi_{272}^3\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{2}^2$
109594	1550	572	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{5}{26}$	$\frac{21}{52}$	$\Phi_{572}^5\ \Phi_{286}\ \Phi_{143}\ \Phi_{44}^5\ \Phi_{22}$
109595	1550	1549	$\frac{44}{1549}$	$\frac{185}{1549}$	$\frac{301}{1549}$	$\frac{624}{1549}$	$\Phi_{1549}\ \Phi_{1}^2$
109596	1550	1866	$\frac{6}{311}$	$\frac{1}{6}$	$\frac{61}{311}$	$\frac{125}{311}$	$\Phi_{1866}\ \Phi_{933}\ \Phi_{622}$
109597	1550	312	$\frac{1}{156}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{312}^8\ \Phi_{156}^2\ \Phi_{104}^8\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}^7\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_{8}^8\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
109598	1550	824	$\frac{1}{103}$	$\frac{51}{206}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{824}^3\ \Phi_{206}^2\ \Phi_{103}\ \Phi_{8}^4\ \Phi_{2}^2\ \Phi_{1}^2$
109599	1550	2472	$\frac{4}{309}$	$\frac{61}{309}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2472}\ \Phi_{824}\ \Phi_{309}\ \Phi_{103}\ \Phi_{24}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
109600	1550	504	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^5\ \Phi_{168}^5\ \Phi_{126}^3\ \Phi_{72}^5\ \Phi_{63}^2\ \Phi_{56}^5\ \Phi_{42}^3\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{14}^3\ \Phi_{9}^2\ \Phi_{8}^4\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
109601	1550	824	$\frac{3}{103}$	$\frac{10}{103}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{824}^3\ \Phi_{103}^3\ \Phi_{8}^4\ \Phi_{1}^4$
109602	1550	352	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{352}^5\ \Phi_{176}^5\ \Phi_{88}^4\ \Phi_{44}^5\ \Phi_{22}^5\ \Phi_{11}^4$
109603	1550	816	$\frac{1}{51}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{816}^3\ \Phi_{408}\ \Phi_{272}^3\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{48}^2\ \Phi_{34}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_{6}$
109604	1550	2574	$\frac{1}{39}$	$\frac{1}{11}$	$\frac{38}{117}$	$\frac{79}{234}$	$\Phi_{2574}\ \Phi_{858}\ \Phi_{429}\ \Phi_{286}\ \Phi_{198}\ \Phi_{143}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
109605	1550	1164	$\frac{1}{194}$	$\frac{193}{582}$	$\frac{1}{3}$	$\frac{389}{1164}$	$\Phi_{1164}^2\ \Phi_{582}\ \Phi_{388}^2\ \Phi_{291}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}^2$
109606	1550	864	$\frac{1}{32}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{6}$
109607	1550	858	$\frac{1}{26}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{78}\ \Phi_{66}^2\ \Phi_{39}\ \Phi_{22}^2\ \Phi_{6}$
109608	1550	462	$\frac{1}{77}$	$\frac{1}{6}$	$\frac{76}{231}$	$\frac{1}{3}$	$\Phi_{462}^4\ \Phi_{231}^3\ \Phi_{154}^4\ \Phi_{77}^2\ \Phi_{66}^4\ \Phi_{42}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{6}^6\ \Phi_{3}^4\ \Phi_{2}^6\ \Phi_{1}^4$
109609	1550	1152	$\frac{7}{384}$	$\frac{1}{8}$	$\frac{377}{1152}$	$\frac{1}{3}$	$\Phi_{1152}^2\ \Phi_{576}^2\ \Phi_{288}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{9}^2\ \Phi_{6}$
109610	1550	1170	$\frac{1}{26}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{90}^2\ \Phi_{78}\ \Phi_{39}\ \Phi_{18}^2\ \Phi_{6}$
109611	1550	288	$\frac{1}{32}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{288}^8\ \Phi_{144}^8\ \Phi_{96}\ \Phi_{72}^8\ \Phi_{48}\ \Phi_{36}^6\ \Phi_{24}\ \Phi_{18}^6\ \Phi_{12}\ \Phi_{9}^6\ \Phi_{6}$
109612	1550	792	$\frac{17}{792}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{6}$
109613	1550	672	$\frac{1}{32}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{672}^4\ \Phi_{336}^4\ \Phi_{168}^4\ \Phi_{96}\ \Phi_{84}^3\ \Phi_{48}\ \Phi_{42}^3\ \Phi_{24}\ \Phi_{21}^3\ \Phi_{12}\ \Phi_{6}$
109614	1550	3072	$\frac{7}{256}$	$\frac{1}{8}$	$\frac{249}{1024}$	$\frac{1}{3}$	$\Phi_{3072}\ \Phi_{1536}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
109615	1550	2244	$\frac{2}{51}$	$\frac{1}{11}$	$\frac{49}{204}$	$\frac{1}{3}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{374}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
109616	1550	1560	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{1560}^2\ \Phi_{780}^2\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{120}\ \Phi_{78}\ \Phi_{60}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
109617	1550	1782	$\frac{7}{162}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
109618	1550	96	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{96}^{24}\ \Phi_{48}^{24}\ \Phi_{24}^{25}\ \Phi_{12}^{25}\ \Phi_{6}^{25}\ \Phi_{3}^{24}$
109619	1550	582	$\frac{2}{97}$	$\frac{19}{97}$	$\frac{39}{194}$	$\frac{1}{3}$	$\Phi_{582}^5\ \Phi_{291}^3\ \Phi_{6}^5\ \Phi_{3}^2$
109620	1550	2730	$\frac{1}{26}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{273}\ \Phi_{210}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{6}$
109621	1550	462	$\frac{2}{77}$	$\frac{1}{6}$	$\frac{15}{77}$	$\frac{1}{3}$	$\Phi_{462}^4\ \Phi_{231}^2\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}^4\ \Phi_{42}^4\ \Phi_{33}^2\ \Phi_{22}^4\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_{11}^4\ \Phi_{7}^4\ \Phi_{6}^6\ \Phi_{3}^3\ \Phi_{2}^6\ \Phi_{1}^6$
109622	1550	2328	$\frac{21}{776}$	$\frac{125}{776}$	$\frac{151}{776}$	$\frac{1}{3}$	$\Phi_{2328}\ \Phi_{1164}\ \Phi_{582}\ \Phi_{291}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
109623	1550	192	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{37}{192}$	$\frac{1}{3}$	$\Phi_{192}^8\ \Phi_{96}^8\ \Phi_{64}^8\ \Phi_{48}^8\ \Phi_{32}^8\ \Phi_{24}^9\ \Phi_{16}^8\ \Phi_{12}^9\ \Phi_{8}^8\ \Phi_{6}^9\ \Phi_{4}^8\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
109624	1550	1617	$\frac{2}{33}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{1}{3}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{231}\ \Phi_{77}\ \Phi_{49}\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_1^2$
109625	1550	1950	$\frac{1}{26}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{325}\ \Phi_{150}\ \Phi_{78}\ \Phi_{50}\ \Phi_{39}\ \Phi_6$
109626	1550	96	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{96}^{17}\ \Phi_{48}^{17}\ \Phi_{32}^{16}\ \Phi_{24}^{17}\ \Phi_{16}^{16}\ \Phi_{12}^{17}\ \Phi_8^{16}\ \Phi_6^9\ \Phi_4^{16}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
109627	1550	966	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{966}^2\ \Phi_{483}\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{138}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
109628	1550	468	$\frac{1}{26}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^4\ \Phi_{117}^4\ \Phi_{78}\ \Phi_{52}^4\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6\ \Phi_4^2$
109629	1550	528	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^4\ \Phi_{132}^3\ \Phi_{88}^4\ \Phi_{48}^3\ \Phi_{44}^4\ \Phi_{24}^3\ \Phi_{16}^4\ \Phi_{12}^3\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
109630	1550	66	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{66}^{28}\ \Phi_{33}^{19}\ \Phi_{22}^{28}\ \Phi_{11}^{18}\ \Phi_6^{30}\ \Phi_3^{20}\ \Phi_2^{30}\ \Phi_1^{20}$
109631	1550	168	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{168}^{10}\ \Phi_{84}^{10}\ \Phi_{56}^{10}\ \Phi_{42}^7\ \Phi_{28}^{10}\ \Phi_{24}^{10}\ \Phi_{21}^7\ \Phi_{14}^6\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_7^6\ \Phi_6^9\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
109632	1550	816	$\frac{41}{816}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{24}\ \Phi_{17}^2\ \Phi_{12}\ \Phi_6$
109633	1550	924	$\frac{2}{33}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
109634	1550	2688	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{121}{896}$	$\frac{1}{3}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
109635	1550	2496	$\frac{57}{832}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
109636	1550	864	$\frac{7}{96}$	$\frac{89}{864}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
109637	1550	2508	$\frac{3}{76}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{73}{228}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{627}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
109638	1550	2205	$\frac{1}{15}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{14}{45}$	$\Phi_{2205}\ \Phi_{441}\ \Phi_{315}\ \Phi_{63}\ \Phi_{49}\ \Phi_{45}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
109639	1550	990	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{14}{45}$	$\Phi_{990}^3\ \Phi_{495}^2\ \Phi_{198}^3\ \Phi_{99}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
109640	1550	1260	$\frac{1}{15}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{14}{45}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
109641	1550	396	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{5}{36}$	$\frac{11}{36}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^5\ \Phi_{99}^4\ \Phi_{66}^5\ \Phi_{44}^5\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{11}^4$
109642	1550	2106	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{234}\ \Phi_{162}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{18}\ \Phi_6$
109643	1550	2376	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{72}$	$\frac{61}{216}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
109644	1550	546	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{546}^4\ \Phi_{273}^4\ \Phi_{182}\ \Phi_{91}\ \Phi_{78}^4\ \Phi_{42}^2\ \Phi_{39}^4\ \Phi_{21}^2\ \Phi_{14}\ \Phi_6^2\ \Phi_3^2$
109645	1550	2112	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{37}{192}$	$\frac{11}{48}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
109646	1550	1960	$\frac{4}{49}$	$\frac{1}{10}$	$\frac{9}{49}$	$\frac{9}{40}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{392}\ \Phi_{280}\ \Phi_{196}\ \Phi_{140}\ \Phi_{56}\ \Phi_{49}\ \Phi_{40}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
109647	1550	1320	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{40}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{440}\ \Phi_{264}^2\ \Phi_{220}\ \Phi_{132}^2\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
109648	1550	280	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{9}{40}$	$\Phi_{280}^7\ \Phi_{140}^3\ \Phi_{70}^4\ \Phi_{56}^7\ \Phi_{40}^8\ \Phi_{35}^4\ \Phi_{28}^5\ \Phi_{20}^4\ \Phi_{14}^6\ \Phi_{10}^4\ \Phi_8^8\ \Phi_7^5\ \Phi_5^4\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
109649	1550	171	$\frac{16}{171}$	$\frac{1}{9}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{171}^9\ \Phi_{57}^9\ \Phi_{19}^{10}\ \Phi_9^8\ \Phi_3^8\ \Phi_1^{10}$
109650	1550	245	$\frac{4}{49}$	$\frac{4}{35}$	$\frac{9}{49}$	$\frac{1}{5}$	$\Phi_{245}^6\ \Phi_{49}^7\ \Phi_{35}^7\ \Phi_7^8\ \Phi_5^6\ \Phi_1^8$
109651	1550	2310	$\frac{1}{11}$	$\frac{4}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
109652	1550	140	$\frac{3}{28}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{140}^{12}\ \Phi_{70}^{12}\ \Phi_{35}^7\ \Phi_{28}^{14}\ \Phi_{20}^{12}\ \Phi_{14}^{14}\ \Phi_{10}^{12}\ \Phi_7^8\ \Phi_5^6\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^8$
109653	1550	1764	$\frac{4}{49}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{9}{49}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{252}\ \Phi_{196}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{49}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
109654	1550	396	$\frac{1}{11}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{396}^5\ \Phi_{198}^5\ \Phi_{132}^5\ \Phi_{99}^5\ \Phi_{66}\ \Phi_{44}^5\ \Phi_{33}\ \Phi_{22}$
109655	1550	252	$\frac{3}{28}$	$\frac{5}{36}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{252}^7\ \Phi_{126}^7\ \Phi_{84}^3\ \Phi_{63}^7\ \Phi_{42}^4\ \Phi_{36}^8\ \Phi_{28}^5\ \Phi_{21}^4\ \Phi_{18}^8\ \Phi_{14}^6\ \Phi_{12}^4\ \Phi_9^8\ \Phi_7^5\ \Phi_6^4\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^6$
109656	1551	2480	$\frac{1}{310}$	$\frac{311}{1240}$	$\frac{929}{2480}$	$\frac{309}{620}$	$\Phi_{2480}\ \Phi_{620}\ \Phi_{496}\ \Phi_{124}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
109657	1551	280	$\frac{1}{140}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{139}{280}$	$\Phi_{280}^{11}\ \Phi_{56}^{11}\ \Phi_{40}^{11}\ \Phi_{20}\ \Phi_8^{11}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
109658	1551	840	$\frac{1}{140}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{139}{280}$	$\Phi_{840}^{5}\ \Phi_{280}\ \Phi_{168}^{5}\ \Phi_{120}^{5}\ \Phi_{56}\ \Phi_{40}\ \Phi_{24}^{5}\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
109659	1551	2044	$\frac{6}{511}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{505}{1022}$	$\Phi_{2044}\ \Phi_{511}\ \Phi_{292}\ \Phi_{73}\ \Phi_{28}^{2}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
109660	1551	592	$\frac{1}{74}$	$\frac{75}{592}$	$\frac{1}{4}$	$\frac{73}{148}$	$\Phi_{592}^{3}\ \Phi_{296}^{3}\ \Phi_{148}^{2}\ \Phi_{74}\ \Phi_{37}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
109661	1551	1020	$\frac{7}{510}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{503}{1020}$	$\Phi_{1020}^{3}\ \Phi_{340}^{3}\ \Phi_{204}^{3}\ \Phi_{68}^{3}\ \Phi_{60}^{3}\ \Phi_{20}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
109662	1551	992	$\frac{1}{62}$	$\frac{21}{496}$	$\frac{475}{992}$	$\frac{61}{124}$	$\Phi_{992}^{3}\ \Phi_{124}\ \Phi_{32}^{3}\ \Phi_{4}\ \Phi_{1}$
109663	1551	744	$\frac{1}{62}$	$\frac{21}{248}$	$\frac{227}{744}$	$\frac{61}{124}$	$\Phi_{744}^{3}\ \Phi_{372}^{3}\ \Phi_{186}^{3}\ \Phi_{124}\ \Phi_{93}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
109664	1551	1736	$\frac{1}{62}$	$\frac{185}{1736}$	$\frac{63}{248}$	$\frac{61}{124}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{434}\ \Phi_{217}\ \Phi_{124}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
109665	1551	1984	$\frac{1}{62}$	$\frac{63}{496}$	$\frac{433}{1984}$	$\frac{61}{124}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{124}\ \Phi_{64}\ \Phi_{32}\ \Phi_{4}\ \Phi_{1}$
109666	1551	620	$\frac{1}{62}$	$\frac{103}{620}$	$\frac{21}{124}$	$\frac{61}{124}$	$\Phi_{620}^{3}\ \Phi_{310}^{3}\ \Phi_{155}^{3}\ \Phi_{124}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
109667	1551	2080	$\frac{9}{520}$	$\frac{1}{10}$	$\frac{529}{2080}$	$\frac{511}{1040}$	$\Phi_{2080}\ \Phi_{520}\ \Phi_{416}\ \Phi_{260}\ \Phi_{160}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{32}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
109668	1551	1000	$\frac{1}{50}$	$\frac{17}{500}$	$\frac{483}{1000}$	$\frac{49}{100}$	$\Phi_{1000}^{3}\ \Phi_{200}^{3}\ \Phi_{100}\ \Phi_{40}^{3}\ \Phi_{20}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
109669	1551	2000	$\frac{1}{50}$	$\frac{51}{500}$	$\frac{449}{2000}$	$\frac{49}{100}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
109670	1551	600	$\frac{1}{50}$	$\frac{83}{600}$	$\frac{17}{100}$	$\frac{49}{100}$	$\Phi_{600}^{3}\ \Phi_{300}^{3}\ \Phi_{200}^{3}\ \Phi_{150}^{3}\ \Phi_{120}^{3}\ \Phi_{100}\ \Phi_{75}^{3}\ \Phi_{60}^{3}\ \Phi_{40}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
109671	1551	3040	$\frac{31}{1520}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1489}{3040}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
109672	1551	1472	$\frac{1}{46}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{45}{92}$	$\Phi_{1472}^{2}\ \Phi_{92}\ \Phi_{64}^{3}\ \Phi_{4}\ \Phi_{1}$
109673	1551	368	$\frac{1}{46}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{45}{92}$	$\Phi_{368}^{4}\ \Phi_{184}^{4}\ \Phi_{92}^{5}\ \Phi_{46}^{4}\ \Phi_{23}^{4}\ \Phi_{16}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
109674	1551	276	$\frac{1}{46}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{45}{92}$	$\Phi_{276}^{6}\ \Phi_{138}^{6}\ \Phi_{92}^{5}\ \Phi_{69}^{6}\ \Phi_{46}^{4}\ \Phi_{23}^{4}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{7}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
109675	1551	920	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{45}{92}$	$\Phi_{920}^{2}\ \Phi_{460}^{2}\ \Phi_{230}^{2}\ \Phi_{115}^{2}\ \Phi_{92}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
109676	1551	1008	$\frac{13}{504}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{491}{1008}$	$\Phi_{1008}^{3}\ \Phi_{336}^{3}\ \Phi_{144}^{3}\ \Phi_{112}^{3}\ \Phi_{48}^{3}\ \Phi_{28}^{2}\ \Phi_{16}^{3}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
109677	1551	4416	$\frac{1}{32}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{31}{64}$	$\Phi_{4416}\ \Phi_{192}\ \Phi_{69}\ \Phi_{64}\ \Phi_{3}\ \Phi_{1}$
109678	1551	1000	$\frac{17}{500}$	$\frac{1}{25}$	$\frac{8}{25}$	$\frac{483}{1000}$	$\Phi_{1000}^{3}\ \Phi_{200}^{3}\ \Phi_{40}^{3}\ \Phi_{25}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
109679	1551	1000	$\frac{17}{500}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{483}{1000}$	$\Phi_{1000}^{3}\ \Phi_{200}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
109680	1551	992	$\frac{1}{31}$	$\frac{21}{496}$	$\frac{10}{31}$	$\frac{475}{992}$	$\Phi_{992}^{3}\ \Phi_{32}^{3}\ \Phi_{31}^{2}\ \Phi_{1}^{3}$
109681	1551	1530	$\frac{1}{34}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}\ \Phi_{255}\ \Phi_{170}\ \Phi_{153}\ \Phi_{102}^{2}\ \Phi_{85}\ \Phi_{51}^{2}\ \Phi_{45}\ \Phi_{34}\ \Phi_{17}\ \Phi_{15}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
109682	1551	700	$\frac{1}{25}$	$\frac{8}{175}$	$\frac{183}{700}$	$\frac{167}{350}$	$\Phi_{700}^{3}\ \Phi_{175}^{3}\ \Phi_{140}^{3}\ \Phi_{100}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{3}\ \Phi_{25}^{2}\ \Phi_{20}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
109683	1551	2108	$\frac{1}{31}$	$\frac{30}{527}$	$\frac{557}{2108}$	$\frac{497}{1054}$	$\Phi_{2108}\ \Phi_{527}\ \Phi_{124}\ \Phi_{68}\ \Phi_{17}\ \Phi_{4}\ \Phi_{1}$
109684	1551	1088	$\frac{1}{34}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{1088}^{2}\ \Phi_{272}^{2}\ \Phi_{136}^{2}\ \Phi_{68}^{2}\ \Phi_{64}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
109685	1551	62	$\frac{1}{31}$	$\frac{2}{31}$	$\frac{15}{62}$	$\frac{29}{62}$	$\Phi_{62}^{18}\ \Phi_{31}^{32}\ \Phi_{2}^{18}\ \Phi_{1}^{33}$
109686	1551	1496	$\frac{1}{34}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{1496}^{2}\ \Phi_{136}^{2}\ \Phi_{88}\ \Phi_{68}^{2}\ \Phi_{34}\ \Phi_{17}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
109687	1551	532	$\frac{15}{532}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{532}^{3}\ \Phi_{266}^{3}\ \Phi_{133}^{3}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{28}^{2}\ \Phi_{19}^{3}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
109688	1551	1924	$\frac{1}{37}$	$\frac{36}{481}$	$\frac{1}{4}$	$\frac{445}{962}$	$\Phi_{1924}\ \Phi_{481}\ \Phi_{148}^{2}\ \Phi_{74}\ \Phi_{52}\ \Phi_{37}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
109689	1551	560	$\frac{3}{40}$	$\frac{43}{560}$	$\frac{1}{10}$	$\frac{37}{80}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{112}^{3}\ \Phi_{70}^{3}\ \Phi_{56}^{3}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{3}\ \Phi_{20}^{3}\ \Phi_{14}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
109690	1551	960	$\frac{3}{40}$	$\frac{37}{480}$	$\frac{1}{10}$	$\frac{443}{960}$	$\Phi_{960}^{3}\ \Phi_{320}^{3}\ \Phi_{192}^{3}\ \Phi_{64}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
109691	1551	155	$\frac{12}{155}$	$\frac{13}{155}$	$\frac{14}{155}$	$\frac{71}{155}$	$\Phi_{155}^{10}\ \Phi_{31}^{10}\ \Phi_{5}^{10}\ \Phi_{1}^{11}$
109692	1551	260	$\frac{9}{130}$	$\frac{11}{130}$	$\frac{1}{10}$	$\frac{119}{260}$	$\Phi_{260}^{11}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}^{11}\ \Phi_{26}\ \Phi_{20}^{11}\ \Phi_{13}\ \Phi_{4}^{11}\ \Phi_{1}$
109693	1551	140	$\frac{1}{70}$	$\frac{1}{10}$	$\frac{23}{70}$	$\frac{9}{20}$	$\Phi_{140}^{20}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{20}\ \Phi_{20}^{21}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{21}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
109694	1551	240	$\frac{1}{48}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{240}^{6}\ \Phi_{120}^{6}\ \Phi_{80}^{6}\ \Phi_{60}^{6}\ \Phi_{48}^{9}\ \Phi_{40}^{6}\ \Phi_{30}^{6}\ \Phi_{24}^{9}\ \Phi_{20}^{5}\ \Phi_{16}^{9}\ \Phi_{15}^{6}\ \Phi_{12}^{9}\ \Phi_{10}^{4}\ \Phi_{8}^{9}\ \Phi_{6}^{9}\ \Phi_{5}^{4}\ \Phi_{4}^{7}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
109695	1551	580	$\frac{4}{145}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{580}^{5}\ \Phi_{145}\ \Phi_{116}^{5}\ \Phi_{29}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
109696	1551	700	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{34}{175}$	$\frac{9}{20}$	$\Phi_{700}^{5}\ \Phi_{175}\ \Phi_{100}^{5}\ \Phi_{25}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
109697	1551	280	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{9}{56}$	$\frac{9}{20}$	$\Phi_{280}^{6}\ \Phi_{140}^{4}\ \Phi_{70}^{4}\ \Phi_{56}^{9}\ \Phi_{40}^{6}\ \Phi_{35}^{4}\ \Phi_{28}^{6}\ \Phi_{20}^{5}\ \Phi_{14}^{6}\ \Phi_{10}^{4}\ \Phi_{8}^{9}\ \Phi_{7}^{6}\ \Phi_{5}^{4}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
109698	1551	980	$\frac{2}{49}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{980}^{3}\ \Phi_{196}^{3}\ \Phi_{140}^{2}\ \Phi_{49}^{3}\ \Phi_{28}^{2}\ \Phi_{20}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
109699	1551	160	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{19}{160}$	$\frac{9}{20}$	$\Phi_{160}^{11}\ \Phi_{80}^{11}\ \Phi_{40}^{11}\ \Phi_{32}^{11}\ \Phi_{20}\ \Phi_{16}^{11}\ \Phi_{8}^{11}\ \Phi_{4}\ \Phi_{1}$
109700	1551	100	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{100}^{30}\ \Phi_{50}^{3}\ \Phi_{25}^{3}\ \Phi_{20}^{21}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{21}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
109701	1551	1540	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1540}^{2}\ \Phi_{308}^{2}\ \Phi_{220}^{2}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}^{2}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
109702	1551	560	$\frac{43}{560}$	$\frac{11}{140}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{140}^{2}\ \Phi_{112}^{3}\ \Phi_{80}^{3}\ \Phi_{70}^{2}\ \Phi_{56}^{3}\ \Phi_{40}^{3}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
109703	1551	600	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{83}{600}$	$\frac{67}{150}$	$\Phi_{600}^{3}\ \Phi_{300}^{3}\ \Phi_{200}^{3}\ \Phi_{120}^{3}\ \Phi_{100}^{3}\ \Phi_{75}^{3}\ \Phi_{60}^{3}\ \Phi_{40}^{3}\ \Phi_{25}^{2}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
109704	1551	2800	$\frac{1}{50}$	$\frac{151}{1400}$	$\frac{49}{200}$	$\frac{1249}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{200}\ \Phi_{112}\ \Phi_{100}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
109705	1551	2800	$\frac{1}{25}$	$\frac{151}{1400}$	$\frac{24}{175}$	$\frac{1249}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{175}\ \Phi_{112}\ \Phi_{80}\ \Phi_{35}\ \Phi_{16}\ \Phi_{7}\ \Phi_{1}$
109706	1551	1428	$\frac{1}{34}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{1428}^{2}\ \Phi_{476}^{2}\ \Phi_{204}^{2}\ \Phi_{102}^{2}\ \Phi_{84}\ \Phi_{68}^{2}\ \Phi_{51}^{2}\ \Phi_{34}\ \Phi_{28}\ \Phi_{17}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
109707	1551	1750	$\frac{1}{25}$	$\frac{199}{1750}$	$\frac{24}{175}$	$\frac{151}{350}$	$\Phi_{1750}\ \Phi_{875}\ \Phi_{250}\ \Phi_{175}\ \Phi_{125}\ \Phi_{35}\ \Phi_{7}\ \Phi_{1}$
109708	1551	900	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{67}{450}$	$\frac{383}{900}$	$\Phi_{900}^{3}\ \Phi_{300}^{3}\ \Phi_{180}^{3}\ \Phi_{100}^{3}\ \Phi_{75}^{3}\ \Phi_{60}^{3}\ \Phi_{36}^{3}\ \Phi_{25}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
109709	1551	888	$\frac{1}{74}$	$\frac{73}{444}$	$\frac{1}{4}$	$\frac{371}{888}$	$\Phi_{888}^{3}\ \Phi_{296}^{3}\ \Phi_{148}^{2}\ \Phi_{74}\ \Phi_{37}\ \Phi_{24}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
109710	1551	1360	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{1360}^{2}\ \Phi_{272}^{2}\ \Phi_{136}^{2}\ \Phi_{80}\ \Phi_{68}^{2}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
109711	1551	2600	$\frac{9}{260}$	$\frac{1}{10}$	$\frac{251}{1300}$	$\frac{1049}{2600}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{260}\ \Phi_{200}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
109712	1551	1278	$\frac{1}{142}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1278}\ \Phi_{639}\ \Phi_{426}^{2}\ \Phi_{213}^{2}\ \Phi_{142}\ \Phi_{71}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
109713	1551	1600	$\frac{49}{1600}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
109714	1551	1136	$\frac{1}{142}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1136}^{2}\ \Phi_{284}^{2}\ \Phi_{142}\ \Phi_{71}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
109715	1551	527	$\frac{10}{527}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{527}^{3}\ \Phi_{31}^{2}\ \Phi_{17}^{3}\ \Phi_{1}^{3}$
109716	1551	800	$\frac{1}{50}$	$\frac{49}{400}$	$\frac{117}{400}$	$\frac{283}{800}$	$\Phi_{800}^{3}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}^{3}\ \Phi_{100}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}^{3}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
109717	1551	1224	$\frac{1}{34}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{1224}^{2}\ \Phi_{408}^{2}\ \Phi_{204}^{2}\ \Phi_{136}^{2}\ \Phi_{102}^{2}\ \Phi_{72}\ \Phi_{68}^{2}\ \Phi_{51}^{2}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
109718	1551	50	$\frac{1}{25}$	$\frac{3}{50}$	$\frac{8}{25}$	$\frac{17}{50}$	$\Phi_{50}^{30}\ \Phi_{25}^{32}\ \Phi_{10}^{30}\ \Phi_{5}^{32}\ \Phi_{2}^{30}\ \Phi_{1}^{33}$
109719	1551	558	$\frac{1}{31}$	$\frac{41}{558}$	$\frac{10}{31}$	$\frac{21}{62}$	$\Phi_{558}^{3}\ \Phi_{279}^{3}\ \Phi_{186}^{3}\ \Phi_{93}^{3}\ \Phi_{31}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
109720	1551	780	$\frac{3}{130}$	$\frac{1}{10}$	$\frac{127}{390}$	$\frac{263}{780}$	$\Phi_{780}^{3}\ \Phi_{260}^{3}\ \Phi_{156}^{3}\ \Phi_{130}^{3}\ \Phi_{65}^{3}\ \Phi_{60}^{3}\ \Phi_{52}^{3}\ \Phi_{26}^{3}\ \Phi_{20}^{3}\ \Phi_{13}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
109721	1551	775	$\frac{4}{775}$	$\frac{257}{775}$	$\frac{258}{775}$	$\frac{259}{775}$	$\Phi_{775}^{2}\ \Phi_{155}^{2}\ \Phi_{31}^{2}\ \Phi_{25}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
109722	1551	918	$\frac{1}{34}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{918}^{2}\ \Phi_{459}^{2}\ \Phi_{306}\ \Phi_{153}\ \Phi_{102}^{2}\ \Phi_{54}\ \Phi_{51}^{2}\ \Phi_{34}\ \Phi_{27}\ \Phi_{17}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
109723	1551	1020	$\frac{1}{34}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{1020}^{2}\ \Phi_{510}\ \Phi_{340}^{2}\ \Phi_{255}\ \Phi_{204}^{2}\ \Phi_{170}\ \Phi_{102}^{2}\ \Phi_{85}\ \Phi_{68}^{2}\ \Phi_{60}\ \Phi_{51}^{2}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
109724	1551	1332	$\frac{1}{74}$	$\frac{149}{666}$	$\frac{1}{4}$	$\frac{73}{222}$	$\Phi_{1332}^{2}\ \Phi_{666}\ \Phi_{333}\ \Phi_{148}^{2}\ \Phi_{74}\ \Phi_{37}\ \Phi_{36}^{2}\ \Phi_{18}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
109725	1551	210	$\frac{1}{70}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{23}{70}$	$\Phi_{210}^{10}\ \Phi_{105}^{10}\ \Phi_{70}^{2}\ \Phi_{42}^{10}\ \Phi_{35}^{2}\ \Phi_{30}^{10}\ \Phi_{21}^{10}\ \Phi_{15}^{11}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{10}\ \Phi_{5}^{2}\ \Phi_{3}^{11}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
109726	1551	744	$\frac{1}{31}$	$\frac{21}{248}$	$\frac{227}{744}$	$\frac{10}{31}$	$\Phi_{744}^{3}\ \Phi_{372}^{3}\ \Phi_{186}^{3}\ \Phi_{93}^{3}\ \Phi_{31}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
109727	1551	62	$\frac{1}{31}$	$\frac{7}{62}$	$\frac{15}{62}$	$\frac{10}{31}$	$\Phi_{62}^{24}\ \Phi_{31}^{26}\ \Phi_{2}^{24}\ \Phi_{1}^{27}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
109728	1551	620	$\frac{1}{31}$	$\frac{103}{620}$	$\frac{21}{124}$	$\frac{10}{31}$	$\Phi_{620}^3\ \Phi_{310}^3\ \Phi_{155}^3\ \Phi_{31}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1^3$
109729	1551	750	$\frac{1}{25}$	$\frac{17}{250}$	$\frac{233}{750}$	$\frac{8}{25}$	$\Phi_{750}^3\ \Phi_{375}^3\ \Phi_{150}^3\ \Phi_{75}^3\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{15}^3\ \Phi_6^3\ \Phi_5^2\ \Phi_3^3\ \Phi_1^3$
109730	1551	625	$\frac{1}{25}$	$\frac{17}{125}$	$\frac{108}{625}$	$\frac{8}{25}$	$\Phi_{625}^3\ \Phi_{25}^2\ \Phi_5^2\ \Phi_1^3$
109731	1551	600	$\frac{1}{25}$	$\frac{83}{600}$	$\frac{17}{100}$	$\frac{8}{25}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^2\ \Phi_3^3\ \Phi_1^3$
109732	1551	760	$\frac{31}{760}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{243}{760}$	$\Phi_{760}^2\ \Phi_{380}^2\ \Phi_{190}^2\ \Phi_{152}^2\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{40}^3\ \Phi_{38}^2\ \Phi_{20}^3\ \Phi_{19}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
109733	1551	1104	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{22}{69}$	$\Phi_{1104}^2\ \Phi_{552}^2\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{69}^3\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
109734	1551	276	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{22}{69}$	$\Phi_{276}^5\ \Phi_{138}^5\ \Phi_{92}^6\ \Phi_{69}^6\ \Phi_{46}^6\ \Phi_{23}^6\ \Phi_{12}^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
109735	1551	2760	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{22}{69}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{120}\ \Phi_{69}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$
109736	1551	756	$\frac{13}{252}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{239}{756}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{189}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{28}^2\ \Phi_{27}^3\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
109737	1551	1092	$\frac{29}{546}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{1092}^2\ \Phi_{546}\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}^2\ \Phi_{91}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{28}^2\ \Phi_{26}\ \Phi_{14}\ \Phi_{13}\ \Phi_7\ \Phi_4\ \Phi_1$
109738	1551	600	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{83}{600}$	$\frac{37}{120}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
109739	1551	680	$\frac{7}{170}$	$\frac{1}{10}$	$\frac{163}{680}$	$\frac{3}{10}$	$\Phi_{680}^3\ \Phi_{340}^3\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
109740	1551	540	$\frac{23}{540}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{54}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
109741	1551	675	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{158}{675}$	$\frac{67}{225}$	$\Phi_{675}^3\ \Phi_{135}^3\ \Phi_{75}^3\ \Phi_{27}^3\ \Phi_{25}^2\ \Phi_{15}^3\ \Phi_5^2\ \Phi_3^3\ \Phi_1^3$
109742	1551	720	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{37}{240}$	$\frac{203}{720}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
109743	1551	240	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^6\ \Phi_{60}^5\ \Phi_{48}^9\ \Phi_{40}^6\ \Phi_{30}^5\ \Phi_{24}^9\ \Phi_{20}^6\ \Phi_{16}^9\ \Phi_{15}^6\ \Phi_{12}^8\ \Phi_{10}^6\ \Phi_8^9\ \Phi_6^8\ \Phi_5^6\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
109744	1551	435	$\frac{4}{145}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{435}^5\ \Phi_{145}\ \Phi_{87}^5\ \Phi_{29}\ \Phi_{15}\ \Phi_3\ \Phi_1$
109745	1551	525	$\frac{1}{35}$	$\frac{34}{175}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{525}^5\ \Phi_{175}\ \Phi_{75}^5\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
109746	1551	840	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{840}^3\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
109747	1551	735	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{735}^3\ \Phi_{147}^3\ \Phi_{105}^2\ \Phi_{49}^3\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
109748	1551	480	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{480}^5\ \Phi_{240}^5\ \Phi_{160}\ \Phi_{120}^5\ \Phi_{96}^5\ \Phi_{80}\ \Phi_{48}^5\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}^5\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
109749	1551	105	$\frac{2}{35}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{105}^{14}\ \Phi_{35}^{16}\ \Phi_{21}^{14}\ \Phi_{15}^{15}\ \Phi_7^{16}\ \Phi_5^{16}\ \Phi_3^{15}\ \Phi_1^{17}$
109750	1551	150	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{150}^{15}\ \Phi_{75}^{15}\ \Phi_{50}^3\ \Phi_{30}^{10}\ \Phi_{25}^3\ \Phi_{15}^{11}\ \Phi_{10}^2\ \Phi_6^{10}\ \Phi_5^2\ \Phi_3^{11}\ \Phi_2^2\ \Phi_1^3$
109751	1551	2310	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{165}\ \Phi_{154}\ \Phi_{77}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_3\ \Phi_1$
109752	1551	700	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{151}{700}$	$\frac{183}{700}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^3\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
109753	1551	560	$\frac{1}{14}$	$\frac{43}{560}$	$\frac{13}{56}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{14}\ \Phi_{10}^3\ \Phi_7\ \Phi_5^3\ \Phi_4\ \Phi_1$
109754	1551	672	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{155}{672}$	$\frac{1}{4}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
109755	1551	196	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{196}^{11}\ \Phi_{98}^4\ \Phi_{49}^7\ \Phi_{28}^8\ \Phi_{14}^3\ \Phi_7^5\ \Phi_4^7\ \Phi_2^2\ \Phi_1^5$
109756	1551	1260	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{113}{630}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
109757	1551	588	$\frac{1}{14}$	$\frac{71}{588}$	$\frac{13}{84}$	$\frac{1}{4}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{196}^3\ \Phi_{147}^3\ \Phi_{98}^3\ \Phi_{49}^3\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
109758	1551	640	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{123}{640}$	$\frac{37}{160}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
109759	1551	600	$\frac{1}{10}$	$\frac{83}{600}$	$\frac{3}{20}$	$\frac{17}{100}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_6^3\ \Phi_5^2\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
109760	1552	387	$\frac{1}{387}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{193}{387}$	$\Phi_{387}^{4}\,\Phi_{129}^{4}\,\Phi_{43}^{4}\,\Phi_{9}^{4}\,\Phi_{3}^{5}\,\Phi_{1}^{6}$
109761	1552	1551	$\frac{5}{1551}$	$\frac{389}{1551}$	$\frac{581}{1551}$	$\frac{773}{1551}$	$\Phi_{1551}\,\Phi_{517}\,\Phi_{141}\,\Phi_{47}\,\Phi_{33}\,\Phi_{11}\,\Phi_{3}\,\Phi_{1}^{2}$
109762	1552	777	$\frac{1}{259}$	$\frac{65}{259}$	$\frac{1}{3}$	$\frac{129}{259}$	$\Phi_{777}^{3}\,\Phi_{111}^{3}\,\Phi_{21}^{3}\,\Phi_{3}^{2}$
109763	1552	1351	$\frac{1}{193}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{96}{193}$	$\Phi_{1351}\,\Phi_{193}^{2}\,\Phi_{7}^{2}\,\Phi_{1}^{4}$
109764	1552	2895	$\frac{1}{193}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{96}{193}$	$\Phi_{2895}\,\Phi_{15}^{2}$
109765	1552	517	$\frac{3}{517}$	$\frac{65}{517}$	$\frac{226}{517}$	$\frac{257}{517}$	$\Phi_{517}^{3}\,\Phi_{47}^{3}\,\Phi_{11}^{3}\,\Phi_{1}^{4}$
109766	1552	705	$\frac{1}{141}$	$\frac{71}{705}$	$\frac{317}{705}$	$\frac{70}{141}$	$\Phi_{705}^{2}\,\Phi_{235}^{2}\,\Phi_{141}^{3}\,\Phi_{47}^{3}\,\Phi_{15}^{2}\,\Phi_{5}^{2}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
109767	1552	1945	$\frac{3}{389}$	$\frac{1}{5}$	$\frac{98}{389}$	$\frac{193}{389}$	Φ_{1945}
109768	1552	385	$\frac{3}{385}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{191}{385}$	$\Phi_{385}^{4}\,\Phi_{77}^{4}\,\Phi_{55}^{4}\,\Phi_{35}^{4}\,\Phi_{11}^{5}\,\Phi_{7}^{4}\,\Phi_{5}^{4}\,\Phi_{1}^{6}$
109769	1552	1155	$\frac{3}{385}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{191}{385}$	$\Phi_{1155}^{2}\,\Phi_{231}^{2}\,\Phi_{165}^{2}\,\Phi_{105}^{2}\,\Phi_{33}^{2}\,\Phi_{21}^{3}\,\Phi_{15}^{2}\,\Phi_{3}^{2}$
109770	1552	1551	$\frac{13}{1551}$	$\frac{290}{1551}$	$\frac{391}{1551}$	$\frac{769}{1551}$	$\Phi_{1551}\,\Phi_{517}\,\Phi_{141}\,\Phi_{47}\,\Phi_{33}\,\Phi_{11}\,\Phi_{3}\,\Phi_{1}^{2}$
109771	1552	111	$\frac{1}{111}$	$\frac{14}{111}$	$\frac{1}{3}$	$\frac{55}{111}$	$\Phi_{111}^{14}\,\Phi_{37}^{14}\,\Phi_{3}^{13}\,\Phi_{1}^{14}$
109772	1552	960	$\frac{1}{96}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{95}{192}$	$\Phi_{960}^{3}\,\Phi_{320}^{3}\,\Phi_{192}^{4}\,\Phi_{64}^{4}\,\Phi_{15}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$
109773	1552	576	$\frac{1}{96}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{95}{192}$	$\Phi_{576}^{6}\,\Phi_{192}^{4}\,\Phi_{64}^{4}\,\Phi_{9}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
109774	1552	960	$\frac{1}{96}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{95}{192}$	$\Phi_{960}^{3}\,\Phi_{320}^{3}\,\Phi_{192}^{4}\,\Phi_{64}^{4}\,\Phi_{5}^{3}\,\Phi_{1}^{4}$
109775	1552	1533	$\frac{19}{1533}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{757}{1533}$	$\Phi_{1533}\,\Phi_{511}\,\Phi_{219}\,\Phi_{73}\,\Phi_{21}^{2}\,\Phi_{7}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
109776	1552	1170	$\frac{1}{65}$	$\frac{1}{9}$	$\frac{33}{130}$	$\frac{32}{65}$	$\Phi_{1170}^{2}\,\Phi_{585}\,\Phi_{390}^{2}\,\Phi_{234}^{2}\,\Phi_{195}\,\Phi_{117}\,\Phi_{90}^{2}\,\Phi_{78}^{2}\,\Phi_{45}\,\Phi_{39}\,\Phi_{30}^{2}\,\Phi_{18}^{2}\,\Phi_{15}\,\Phi_{6}^{2}$
109777	1552	1710	$\frac{2}{95}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{93}{190}$	$\Phi_{1710}^{2}\,\Phi_{570}^{2}\,\Phi_{342}^{2}\,\Phi_{114}^{2}\,\Phi_{90}^{2}\,\Phi_{45}\,\Phi_{30}^{2}\,\Phi_{18}^{2}\,\Phi_{15}\,\Phi_{6}^{2}$
109778	1552	188	$\frac{1}{47}$	$\frac{3}{94}$	$\frac{91}{188}$	$\frac{23}{47}$	$\Phi_{188}^{16}\,\Phi_{47}\,\Phi_{4}^{16}\,\Phi_{1}^{2}$
109779	1552	141	$\frac{1}{47}$	$\frac{3}{47}$	$\frac{44}{141}$	$\frac{23}{47}$	$\Phi_{141}^{16}\,\Phi_{47}\,\Phi_{3}^{16}\,\Phi_{1}^{2}$
109780	1552	423	$\frac{1}{47}$	$\frac{35}{423}$	$\frac{12}{47}$	$\frac{23}{47}$	$\Phi_{423}^{4}\,\Phi_{141}^{4}\,\Phi_{47}\,\Phi_{9}^{4}\,\Phi_{3}^{4}\,\Phi_{1}^{2}$
109781	1552	235	$\frac{1}{47}$	$\frac{6}{47}$	$\frac{41}{235}$	$\frac{23}{47}$	$\Phi_{235}^{8}\,\Phi_{47}\,\Phi_{5}^{8}\,\Phi_{1}^{2}$
109782	1552	759	$\frac{17}{759}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{371}{759}$	$\Phi_{759}^{2}\,\Phi_{253}^{2}\,\Phi_{69}^{2}\,\Phi_{33}^{3}\,\Phi_{23}^{2}\,\Phi_{11}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
109783	1552	117	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{20}{117}$	$\frac{19}{39}$	$\Phi_{117}^{13}\,\Phi_{39}^{14}\,\Phi_{13}^{14}\,\Phi_{9}^{12}\,\Phi_{3}^{13}\,\Phi_{1}^{14}$
109784	1552	189	$\frac{5}{189}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{92}{189}$	$\Phi_{189}^{8}\,\Phi_{63}^{8}\,\Phi_{27}^{8}\,\Phi_{21}^{10}\,\Phi_{9}^{8}\,\Phi_{7}^{10}\,\Phi_{3}^{9}\,\Phi_{1}^{10}$
109785	1552	1221	$\frac{1}{37}$	$\frac{19}{407}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{1221}^{2}\,\Phi_{111}\,\Phi_{33}^{2}$
109786	1552	188	$\frac{3}{94}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{91}{188}$	$\Phi_{188}^{16}\,\Phi_{47}\,\Phi_{4}^{16}\,\Phi_{1}^{2}$
109787	1552	1485	$\frac{1}{33}$	$\frac{67}{1485}$	$\frac{32}{99}$	$\frac{709}{1485}$	$\Phi_{1485}\,\Phi_{495}\,\Phi_{297}\,\Phi_{165}\,\Phi_{135}\,\Phi_{99}^{2}\,\Phi_{55}\,\Phi_{45}\,\Phi_{33}\,\Phi_{27}\,\Phi_{15}\,\Phi_{11}\,\Phi_{9}^{2}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$
109788	1552	399	$\frac{11}{399}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{399}^{4}\,\Phi_{133}^{4}\,\Phi_{57}^{4}\,\Phi_{21}^{2}\,\Phi_{19}^{4}\,\Phi_{7}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
109789	1552	555	$\frac{1}{37}$	$\frac{9}{185}$	$\frac{1}{3}$	$\frac{88}{185}$	$\Phi_{555}^{4}\,\Phi_{111}^{5}\,\Phi_{15}^{4}\,\Phi_{3}^{4}$
109790	1552	132	$\frac{1}{33}$	$\frac{2}{33}$	$\frac{35}{132}$	$\frac{31}{66}$	$\Phi_{132}^{16}\,\Phi_{44}^{16}\,\Phi_{33}^{15}\,\Phi_{12}^{16}\,\Phi_{11}^{15}\,\Phi_{4}^{16}\,\Phi_{3}^{15}\,\Phi_{1}^{16}$
109791	1552	3094	$\frac{1}{17}$	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{85}{182}$	$\Phi_{3094}\,\Phi_{442}\,\Phi_{238}\,\Phi_{119}\,\Phi_{34}$
109792	1552	1638	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{85}{182}$	$\Phi_{1638}^{2}\,\Phi_{546}^{2}\,\Phi_{234}^{2}\,\Phi_{126}^{2}\,\Phi_{117}\,\Phi_{78}^{2}\,\Phi_{42}^{2}\,\Phi_{39}\,\Phi_{18}^{2}\,\Phi_{6}^{2}$
109793	1552	495	$\frac{2}{99}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{495}^{3}\,\Phi_{165}^{3}\,\Phi_{99}^{4}\,\Phi_{55}^{3}\,\Phi_{45}^{3}\,\Phi_{33}^{4}\,\Phi_{15}\,\Phi_{11}^{4}\,\Phi_{9}^{4}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$
109794	1552	720	$\frac{1}{48}$	$\frac{1}{15}$	$\frac{47}{144}$	$\frac{7}{15}$	$\Phi_{720}^{3}\,\Phi_{360}^{3}\,\Phi_{180}^{3}\,\Phi_{144}^{4}\,\Phi_{90}^{3}\,\Phi_{72}^{4}\,\Phi_{45}^{3}\,\Phi_{36}^{4}\,\Phi_{18}^{4}\,\Phi_{15}\,\Phi_{9}^{4}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$
109795	1552	300	$\frac{3}{100}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{300}^{5}\,\Phi_{150}^{5}\,\Phi_{100}^{6}\,\Phi_{75}^{5}\,\Phi_{60}^{4}\,\Phi_{50}^{6}\,\Phi_{30}^{4}\,\Phi_{25}^{6}\,\Phi_{20}^{5}\,\Phi_{15}^{5}\,\Phi_{12}^{4}\,\Phi_{10}^{5}\,\Phi_{6}^{4}\,\Phi_{5}^{6}\,\Phi_{4}^{4}\,\Phi_{3}^{5}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
109796	1552	1920	$\frac{1}{32}$	$\frac{1}{15}$	$\frac{31}{128}$	$\frac{7}{15}$	$\Phi_{1920}\,\Phi_{960}\,\Phi_{640}\,\Phi_{384}\,\Phi_{320}\,\Phi_{192}\,\Phi_{128}^{2}\,\Phi_{64}^{2}\,\Phi_{15}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
109797	1552	120	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{23}{120}$	$\frac{7}{15}$	$\Phi_{120}^{13}\ \Phi_{60}^{13}\ \Phi_{40}^{13}\ \Phi_{30}^{13}\ \Phi_{24}^{12}\ \Phi_{20}^{13}\ \Phi_{15}^{14}\ \Phi_{12}^{12}\ \Phi_{10}^{13}\ \Phi_{8}^{12}\ \Phi_{6}^{12}\ \Phi_{5}^{14}\ \Phi_{4}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
109798	1552	510	$\frac{5}{102}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{510}^{3}\ \Phi_{255}^{3}\ \Phi_{170}^{3}\ \Phi_{102}^{4}\ \Phi_{85}^{3}\ \Phi_{51}^{4}\ \Phi_{34}^{4}\ \Phi_{17}^{4}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
109799	1552	1680	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{15}{112}$	$\frac{7}{15}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}^{2}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
109800	1552	1560	$\frac{1}{15}$	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{7}{15}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{104}^{2}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{26}^{2}\ \Phi_{15}\ \Phi_{13}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
109801	1552	315	$\frac{1}{15}$	$\frac{8}{105}$	$\frac{1}{9}$	$\frac{7}{15}$	$\Phi_{315}^{6}\ \Phi_{105}^{4}\ \Phi_{63}^{6}\ \Phi_{45}^{3}\ \Phi_{35}^{4}\ \Phi_{21}^{4}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{4}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
109802	1552	540	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{7}{15}$	$\Phi_{540}^{3}\ \Phi_{270}^{3}\ \Phi_{180}^{3}\ \Phi_{135}^{3}\ \Phi_{108}^{4}\ \Phi_{90}^{3}\ \Phi_{54}^{4}\ \Phi_{45}^{3}\ \Phi_{36}^{4}\ \Phi_{27}^{4}\ \Phi_{18}^{4}\ \Phi_{15}\ \Phi_{9}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
109803	1552	363	$\frac{1}{33}$	$\frac{25}{363}$	$\frac{8}{33}$	$\frac{169}{363}$	$\Phi_{363}^{4}\ \Phi_{121}^{4}\ \Phi_{33}^{7}\ \Phi_{11}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
109804	1552	1904	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{15}{112}$	$\frac{13}{28}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{272}\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{34}$
109805	1552	1443	$\frac{2}{111}$	$\frac{109}{1443}$	$\frac{1}{3}$	$\frac{667}{1443}$	$\Phi_{1443}\ \Phi_{481}\ \Phi_{111}^{2}\ \Phi_{39}\ \Phi_{37}^{2}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
109806	1552	936	$\frac{7}{104}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{6}{13}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{312}^{2}\ \Phi_{234}^{2}\ \Phi_{156}^{2}\ \Phi_{117}\ \Phi_{78}^{2}\ \Phi_{72}^{2}\ \Phi_{39}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
109807	1552	180	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{1}{9}$	$\frac{83}{180}$	$\Phi_{180}^{16}\ \Phi_{60}^{16}\ \Phi_{45}^{3}\ \Phi_{36}^{16}\ \Phi_{20}^{16}\ \Phi_{15}^{2}\ \Phi_{12}^{16}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{16}\ \Phi_{3}\ \Phi_{1}^{2}$
109808	1552	1155	$\frac{6}{385}$	$\frac{1}{11}$	$\frac{379}{1155}$	$\frac{5}{11}$	$\Phi_{1155}^{2}\ \Phi_{231}^{2}\ \Phi_{165}^{2}\ \Phi_{105}^{2}\ \Phi_{33}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
109809	1552	99	$\frac{2}{99}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{99}^{16}\ \Phi_{33}^{16}\ \Phi_{11}^{13}\ \Phi_{9}^{16}\ \Phi_{3}^{16}\ \Phi_{1}^{14}$
109810	1552	231	$\frac{3}{77}$	$\frac{1}{11}$	$\frac{37}{231}$	$\frac{5}{11}$	$\Phi_{231}^{8}\ \Phi_{77}^{4}\ \Phi_{33}^{8}\ \Phi_{21}^{8}\ \Phi_{11}^{5}\ \Phi_{7}^{4}\ \Phi_{3}^{8}\ \Phi_{1}^{6}$
109811	1552	110	$\frac{3}{55}$	$\frac{1}{11}$	$\frac{13}{110}$	$\frac{5}{11}$	$\Phi_{110}^{16}\ \Phi_{55}^{12}\ \Phi_{22}^{16}\ \Phi_{11}^{13}\ \Phi_{10}^{16}\ \Phi_{5}^{12}\ \Phi_{2}^{16}\ \Phi_{1}^{14}$
109812	1552	825	$\frac{49}{825}$	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{5}{11}$	$\Phi_{825}^{2}\ \Phi_{275}^{2}\ \Phi_{165}^{2}\ \Phi_{75}^{2}\ \Phi_{33}^{2}\ \Phi_{25}^{2}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
109813	1552	847	$\frac{6}{77}$	$\frac{71}{847}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{847}^{2}\ \Phi_{121}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
109814	1552	693	$\frac{1}{33}$	$\frac{83}{693}$	$\frac{16}{99}$	$\frac{305}{693}$	$\Phi_{693}^{2}\ \Phi_{231}^{2}\ \Phi_{99}^{4}\ \Phi_{77}^{2}\ \Phi_{63}^{2}\ \Phi_{33}^{3}\ \Phi_{21}^{2}\ \Phi_{11}^{3}\ \Phi_{9}^{4}\ \Phi_{7}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
109815	1552	294	$\frac{1}{98}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{294}^{8}\ \Phi_{147}^{8}\ \Phi_{42}^{8}\ \Phi_{21}^{7}\ \Phi_{6}^{8}\ \Phi_{3}^{6}$
109816	1552	2856	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{71}{168}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{34}$
109817	1552	333	$\frac{1}{111}$	$\frac{55}{333}$	$\frac{1}{3}$	$\frac{139}{333}$	$\Phi_{333}^{4}\ \Phi_{111}^{6}\ \Phi_{37}^{6}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
109818	1552	165	$\frac{1}{33}$	$\frac{4}{33}$	$\frac{29}{165}$	$\frac{68}{165}$	$\Phi_{165}^{8}\ \Phi_{55}^{8}\ \Phi_{33}^{15}\ \Phi_{15}^{8}\ \Phi_{11}^{15}\ \Phi_{5}^{8}\ \Phi_{3}^{15}\ \Phi_{1}^{16}$
109819	1552	1666	$\frac{1}{98}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1666}\ \Phi_{833}\ \Phi_{238}\ \Phi_{119}\ \Phi_{34}$
109820	1552	900	$\frac{3}{100}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}^{2}\ \Phi_{225}^{2}\ \Phi_{180}^{2}\ \Phi_{150}^{2}\ \Phi_{90}^{2}\ \Phi_{75}^{2}\ \Phi_{60}^{2}\ \Phi_{45}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
109821	1552	99	$\frac{2}{99}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{99}^{16}\ \Phi_{33}^{15}\ \Phi_{11}^{15}\ \Phi_{9}^{16}\ \Phi_{3}^{15}\ \Phi_{1}^{16}$
109822	1552	1269	$\frac{1}{141}$	$\frac{283}{1269}$	$\frac{140}{423}$	$\frac{493}{1269}$	$\Phi_{1269}\ \Phi_{423}^{2}\ \Phi_{141}\ \Phi_{47}\ \Phi_{27}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
109823	1552	468	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{19}{78}$	$\frac{59}{156}$	$\Phi_{468}^{6}\ \Phi_{156}^{4}\ \Phi_{117}^{3}\ \Phi_{52}^{4}\ \Phi_{39}^{2}\ \Phi_{36}^{6}\ \Phi_{13}^{2}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
109824	1552	141	$\frac{1}{141}$	$\frac{35}{141}$	$\frac{44}{141}$	$\frac{53}{141}$	$\Phi_{141}^{11}\ \Phi_{47}^{11}\ \Phi_{3}^{11}\ \Phi_{1}^{12}$
109825	1552	777	$\frac{5}{777}$	$\frac{193}{777}$	$\frac{1}{3}$	$\frac{292}{777}$	$\Phi_{777}^{2}\ \Phi_{259}^{2}\ \Phi_{111}^{2}\ \Phi_{37}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
109826	1552	297	$\frac{1}{33}$	$\frac{8}{99}$	$\frac{91}{297}$	$\frac{103}{297}$	$\Phi_{297}^{4}\ \Phi_{99}^{8}\ \Phi_{33}^{7}\ \Phi_{27}^{4}\ \Phi_{11}^{7}\ \Phi_{9}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
109827	1552	195	$\frac{1}{195}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^{8}\ \Phi_{65}^{8}\ \Phi_{39}^{8}\ \Phi_{15}^{8}\ \Phi_{13}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
109828	1552	1161	$\frac{2}{387}$	$\frac{385}{1161}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1161}^{2}\ \Phi_{27}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
109829	1552	129	$\frac{1}{129}$	$\frac{32}{129}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{129}^{12}\ \Phi_{43}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
109830	1552	783	$\frac{7}{783}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{783}^{2}\ \Phi_{261}^{2}\ \Phi_{87}^{2}\ \Phi_{29}^{2}\ \Phi_{27}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
109831	1552	1470	$\frac{1}{98}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}^{2}\ \Phi_{245}^{2}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{10}^{2}$
109832	1552	903	$\frac{2}{129}$	$\frac{127}{903}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{903}^{2}\ \Phi_{301}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
109833	1552	99	$\frac{2}{99}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{99}^{16}\ \Phi_{33}^{16}\ \Phi_{11}^{16}\ \Phi_{9}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
109834	1552	645	$\frac{1}{43}$	$\frac{21}{215}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{645}^{2}\ \Phi_{215}^{4}\ \Phi_{129}\ \Phi_{43}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
109835	1552	999	$\frac{1}{111}$	$\frac{223}{999}$	$\frac{110}{333}$	$\frac{1}{3}$	$\Phi_{999}^{2}\ \Phi_{111}^{2}\ \Phi_{37}^{2}\ \Phi_{27}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
109836	1552	1155	$\frac{6}{385}$	$\frac{1}{7}$	$\frac{379}{1155}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}^{2}\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}^{2}\ \Phi_{55}^{2}\ \Phi_{35}^{2}\ \Phi_{33}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
109837	1552	144	$\frac{1}{48}$	$\frac{1}{9}$	$\frac{47}{144}$	$\frac{1}{3}$	$\Phi_{144}^{10}\ \Phi_{72}^{10}\ \Phi_{48}^{12}\ \Phi_{36}^{10}\ \Phi_{24}^{12}\ \Phi_{18}^{10}\ \Phi_{16}^{12}\ \Phi_{12}^{12}\ \Phi_{9}^{12}\ \Phi_{8}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
109838	1552	819	$\frac{1}{21}$	$\frac{43}{819}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{819}^{2}\ \Phi_{273}^{2}\ \Phi_{117}^{2}\ \Phi_{91}^{2}\ \Phi_{39}^{2}\ \Phi_{21}^{2}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
109839	1552	567	$\frac{1}{21}$	$\frac{10}{189}$	$\frac{179}{567}$	$\frac{1}{3}$	$\Phi_{567}^{4}\ \Phi_{81}^{4}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
109840	1552	555	$\frac{1}{37}$	$\frac{18}{185}$	$\frac{167}{555}$	$\frac{1}{3}$	$\Phi_{555}^{2}\ \Phi_{185}^{4}\ \Phi_{111}^{3}\ \Phi_{37}^{4}\ \Phi_{15}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
109841	1552	495	$\frac{2}{99}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{495}^{3}\ \Phi_{165}^{3}\ \Phi_{99}^{4}\ \Phi_{55}^{3}\ \Phi_{45}^{2}\ \Phi_{33}^{4}\ \Phi_{15}^{3}\ \Phi_{11}^{4}\ \Phi_{9}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
109842	1552	777	$\frac{3}{259}$	$\frac{64}{259}$	$\frac{65}{259}$	$\frac{1}{3}$	$\Phi_{777}^{3}\ \Phi_{111}^{3}\ \Phi_{21}^{3}\ \Phi_{3}^{2}$
109843	1552	900	$\frac{3}{100}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}\ \Phi_{225}^{2}\ \Phi_{180}^{2}\ \Phi_{150}\ \Phi_{100}^{2}\ \Phi_{90}^{2}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}^{2}\ \Phi_{45}^{2}\ \Phi_{30}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
109844	1552	111	$\frac{1}{37}$	$\frac{14}{111}$	$\frac{9}{37}$	$\frac{1}{3}$	$\Phi_{111}^{13}\ \Phi_{37}^{16}\ \Phi_{3}^{12}\ \Phi_{1}^{16}$
109845	1552	1152	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{31}{128}$	$\frac{1}{3}$	$\Phi_{1152}^{2}\ \Phi_{576}^{2}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}^{2}\ \Phi_{64}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
109846	1552	105	$\frac{1}{21}$	$\frac{8}{105}$	$\frac{5}{21}$	$\frac{1}{3}$	$\Phi_{105}^{16}\ \Phi_{35}^{16}\ \Phi_{21}^{10}\ \Phi_{15}^{16}\ \Phi_{7}^{10}\ \Phi_{5}^{16}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
109847	1552	126	$\frac{1}{21}$	$\frac{5}{63}$	$\frac{29}{126}$	$\frac{1}{3}$	$\Phi_{126}^{16}\ \Phi_{63}^{8}\ \Phi_{42}^{16}\ \Phi_{21}^{10}\ \Phi_{18}^{16}\ \Phi_{14}^{16}\ \Phi_{9}^{8}\ \Phi_{7}^{10}\ \Phi_{6}^{16}\ \Phi_{3}^{9}\ \Phi_{2}^{16}\ \Phi_{1}^{10}$
109848	1552	495	$\frac{2}{99}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{495}^{3}\ \Phi_{165}^{3}\ \Phi_{99}^{4}\ \Phi_{55}^{3}\ \Phi_{45}^{3}\ \Phi_{33}^{4}\ \Phi_{11}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
109849	1552	2775	$\frac{1}{37}$	$\frac{149}{925}$	$\frac{36}{185}$	$\frac{1}{3}$	$\Phi_{2775}\ \Phi_{111}\ \Phi_{75}$
109850	1552	360	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{23}{120}$	$\frac{1}{3}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{4}\ \Phi_{90}^{6}\ \Phi_{60}^{4}\ \Phi_{45}^{6}\ \Phi_{40}^{4}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{2}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
109851	1552	945	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{169}{945}$	$\frac{1}{3}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{135}^{2}\ \Phi_{105}^{2}\ \Phi_{45}^{2}\ \Phi_{35}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
109852	1552	2415	$\frac{29}{805}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{345}\ \Phi_{69}\ \Phi_{21}$
109853	1552	306	$\frac{5}{102}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{306}^{6}\ \Phi_{153}^{6}\ \Phi_{102}^{4}\ \Phi_{51}^{4}\ \Phi_{34}^{4}\ \Phi_{17}^{4}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
109854	1552	231	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{37}{231}$	$\frac{1}{3}$	$\Phi_{231}^{6}\ \Phi_{77}^{8}\ \Phi_{33}^{6}\ \Phi_{21}^{7}\ \Phi_{11}^{8}\ \Phi_{7}^{8}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
109855	1552	441	$\frac{1}{21}$	$\frac{53}{441}$	$\frac{10}{63}$	$\frac{1}{3}$	$\Phi_{441}^{4}\ \Phi_{147}^{4}\ \Phi_{49}^{4}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
109856	1552	105	$\frac{8}{105}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{105}^{14}\ \Phi_{35}^{16}\ \Phi_{21}^{15}\ \Phi_{15}^{14}\ \Phi_{7}^{16}\ \Phi_{5}^{16}\ \Phi_{3}^{14}\ \Phi_{1}^{16}$
109857	1552	2541	$\frac{6}{77}$	$\frac{71}{847}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2541}\ \Phi_{363}\ \Phi_{21}$
109858	1552	1008	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{15}{112}$	$\frac{1}{3}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}\ \Phi_{252}^{2}\ \Phi_{168}\ \Phi_{126}^{2}\ \Phi_{112}^{2}\ \Phi_{84}\ \Phi_{63}^{2}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{14}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
109859	1552	936	$\frac{7}{104}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{312}\ \Phi_{234}^{2}\ \Phi_{156}\ \Phi_{117}^{2}\ \Phi_{104}^{2}\ \Phi_{78}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
109860	1552	108	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{108}^{16}\ \Phi_{54}^{16}\ \Phi_{36}^{10}\ \Phi_{27}^{16}\ \Phi_{18}^{10}\ \Phi_{12}^{12}\ \Phi_{9}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
109861	1552	720	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{47}{144}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{144}^{4}\ \Phi_{90}^{3}\ \Phi_{72}^{4}\ \Phi_{45}^{3}\ \Phi_{36}^{4}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
109862	1552	891	$\frac{1}{33}$	$\frac{115}{891}$	$\frac{67}{297}$	$\frac{32}{99}$	$\Phi_{891}^{2}\ \Phi_{297}\ \Phi_{99}^{2}\ \Phi_{81}^{2}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
109863	1552	495	$\frac{1}{33}$	$\frac{67}{495}$	$\frac{107}{495}$	$\frac{32}{99}$	$\Phi_{495}^{3}\ \Phi_{165}^{3}\ \Phi_{99}^{4}\ \Phi_{55}^{3}\ \Phi_{45}^{3}\ \Phi_{33}^{3}\ \Phi_{15}^{3}\ \Phi_{11}^{3}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
109864	1552	855	$\frac{4}{95}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{91}{285}$	$\Phi_{855}^{2}\ \Phi_{285}\ \Phi_{171}^{2}\ \Phi_{95}^{2}\ \Phi_{57}\ \Phi_{45}^{3}\ \Phi_{19}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
109865	1552	141	$\frac{3}{47}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{44}{141}$	$\Phi_{141}^{16}\ \Phi_{47}\ \Phi_{3}^{16}\ \Phi_{1}^{2}$
109866	1552	225	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{31}{225}$	$\frac{14}{45}$	$\Phi_{225}^{8}\ \Phi_{75}^{8}\ \Phi_{45}^{3}\ \Phi_{25}^{8}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
109867	1552	2142	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{29}{126}$	$\frac{13}{42}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{306}\ \Phi_{238}\ \Phi_{153}\ \Phi_{119}\ \Phi_{34}$
109868	1552	819	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{12}{91}$	$\frac{79}{273}$	$\Phi_{819}^{2}\ \Phi_{273}\ \Phi_{117}^{3}\ \Phi_{91}^{2}\ \Phi_{63}^{2}\ \Phi_{39}^{2}\ \Phi_{21}\ \Phi_{13}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
109869	1552	135	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{7}{45}$	$\frac{38}{135}$	$\Phi_{135}^{16}\ \Phi_{45}^{3}\ \Phi_{27}^{16}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
109870	1552	385	$\frac{9}{385}$	$\frac{2}{11}$	$\frac{94}{385}$	$\frac{3}{11}$	$\Phi_{385}^{4}\ \Phi_{77}^{4}\ \Phi_{55}^{4}\ \Phi_{35}^{4}\ \Phi_{11}^{5}\ \Phi_{7}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{6}$
109871	1552	517	$\frac{9}{517}$	$\frac{127}{517}$	$\frac{129}{517}$	$\frac{130}{517}$	$\Phi_{517}^{3}\ \Phi_{47}^{3}\ \Phi_{11}^{3}\ \Phi_{1}^{4}$
109872	1552	100	$\frac{3}{100}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{100}^{16}\ \Phi_{50}^{16}\ \Phi_{25}^{16}\ \Phi_{20}^{13}\ \Phi_{10}^{13}\ \Phi_{5}^{16}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{16}$
109873	1552	640	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{31}{128}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{128}^{4}\ \Phi_{64}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
109874	1552	360	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{23}{120}$	$\frac{7}{30}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{4}\ \Phi_{72}^{6}\ \Phi_{60}^{4}\ \Phi_{45}^{3}\ \Phi_{40}^{4}\ \Phi_{36}^{6}\ \Phi_{24}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{2}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{8}^{4}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
109875	1552	120	$\frac{1}{24}$	$\frac{23}{120}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{120}^{13}\ \Phi_{60}^{13}\ \Phi_{40}^{13}\ \Phi_{30}^{13}\ \Phi_{24}^{12}\ \Phi_{20}^{13}\ \Phi_{15}^{13}\ \Phi_{12}^{12}\ \Phi_{10}^{13}\ \Phi_{8}^{12}\ \Phi_{6}^{12}\ \Phi_{5}^{16}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{16}$
109876	1552	510	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{510}^{3}\ \Phi_{255}^{3}\ \Phi_{170}^{3}\ \Phi_{102}^{4}\ \Phi_{85}^{3}\ \Phi_{51}^{4}\ \Phi_{34}^{4}\ \Phi_{17}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
109877	1552	560	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{112}^{4}\ \Phi_{70}^{3}\ \Phi_{56}^{4}\ \Phi_{35}^{3}\ \Phi_{28}^{4}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
109878	1552	520	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{520}^{3}\ \Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{104}^{4}\ \Phi_{65}^{3}\ \Phi_{52}^{4}\ \Phi_{26}^{4}\ \Phi_{13}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
109879	1552	540	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{540}^{3}\ \Phi_{270}^{3}\ \Phi_{180}^{3}\ \Phi_{135}^{3}\ \Phi_{108}^{4}\ \Phi_{90}^{3}\ \Phi_{54}^{4}\ \Phi_{45}^{3}\ \Phi_{36}^{4}\ \Phi_{27}^{4}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
109880	1552	235	$\frac{5}{47}$	$\frac{6}{47}$	$\frac{7}{47}$	$\frac{41}{235}$	$\Phi_{235}^{8}\ \Phi_{47}\ \Phi_{5}^{8}\ \Phi_{1}^{2}$
109881	1553	3072	$\frac{17}{1536}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{1519}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{32}\ \Phi_{1}$
109882	1553	3072	$\frac{17}{1536}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1519}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
109883	1553	2080	$\frac{7}{520}$	$\frac{1}{8}$	$\frac{527}{2080}$	$\frac{513}{1040}$	$\Phi_{2080}\ \Phi_{520}\ \Phi_{416}\ \Phi_{260}\ \Phi_{160}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{32}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
109884	1553	3040	$\frac{33}{1520}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1487}{3040}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
109885	1553	1872	$\frac{7}{312}$	$\frac{1}{8}$	$\frac{319}{1872}$	$\frac{305}{624}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{24}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
109886	1553	1680	$\frac{7}{120}$	$\frac{127}{1680}$	$\frac{1}{8}$	$\frac{113}{240}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
109887	1553	2304	$\frac{17}{768}$	$\frac{1}{16}$	$\frac{751}{2304}$	$\frac{15}{32}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
109888	1553	1600	$\frac{47}{1600}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
109889	1553	2048	$\frac{17}{512}$	$\frac{1}{16}$	$\frac{495}{2048}$	$\frac{15}{32}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{32}\ \Phi_{1}$
109890	1553	1920	$\frac{17}{384}$	$\frac{1}{16}$	$\frac{367}{1920}$	$\frac{15}{32}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
109891	1553	1632	$\frac{79}{1632}$	$\frac{1}{16}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{1}$
109892	1553	1792	$\frac{1}{16}$	$\frac{17}{256}$	$\frac{239}{1792}$	$\frac{15}{32}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
109893	1553	1664	$\frac{1}{16}$	$\frac{111}{1664}$	$\frac{17}{128}$	$\frac{15}{32}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
109894	1553	1728	$\frac{1}{16}$	$\frac{17}{192}$	$\frac{175}{1728}$	$\frac{15}{32}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
109895	1553	2912	$\frac{1}{16}$	$\frac{97}{1456}$	$\frac{15}{112}$	$\frac{1359}{2912}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
109896	1553	2912	$\frac{97}{1456}$	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1359}{2912}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{224}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
109897	1553	1792	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{239}{1792}$	$\frac{209}{448}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{256}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
109898	1553	1664	$\frac{111}{1664}$	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{97}{208}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{128}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
109899	1553	2880	$\frac{7}{120}$	$\frac{113}{1440}$	$\frac{1}{8}$	$\frac{1327}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{120}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
109900	1553	2688	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{209}{1344}$	$\frac{1135}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
109901	1553	1600	$\frac{47}{1600}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
109902	1553	2496	$\frac{7}{312}$	$\frac{1}{8}$	$\frac{305}{1248}$	$\frac{943}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{312}\ \Phi_{192}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{64}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
109903	1553	1584	$\frac{31}{1584}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
109904	1553	2328	$\frac{1}{194}$	$\frac{193}{582}$	$\frac{775}{2328}$	$\frac{389}{1164}$	$\Phi_{2328}\ \Phi_{776}\ \Phi_{582}\ \Phi_{291}\ \Phi_{24}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
109905	1553	2304	$\frac{17}{768}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{751}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
109906	1553	2280	$\frac{33}{760}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{727}{2280}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{120}\ \Phi_{114}\ \Phi_{60}\ \Phi_{57}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
109907	1553	1800	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{247}{1800}$	$\frac{113}{360}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
109908	1553	2016	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{463}{2016}$	$\frac{209}{672}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
109909	1553	1920	$\frac{17}{384}$	$\frac{1}{8}$	$\frac{367}{1920}$	$\frac{7}{24}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
109910	1553	1632	$\frac{79}{1632}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
109911	1553	1728	$\frac{17}{192}$	$\frac{175}{1728}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
109912	1553	2184	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{97}{728}$	$\frac{631}{2184}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{168}\ \Phi_{156}\ \Phi_{104}\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}\ \Phi_{42}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{21}\ \Phi_{13}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
109913	1553	2160	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{113}{720}$	$\frac{607}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
109914	1553	1920	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{367}{1920}$	$\frac{113}{480}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
109915	1554	2580	$\frac{1}{258}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{257}{516}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{516}^2\ \Phi_{172}^2\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
109916	1554	516	$\frac{1}{258}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{257}{516}$	$\Phi_{516}^2\ \Phi_{258}^4\ \Phi_{172}^2\ \Phi_{129}^4\ \Phi_{86}^4\ \Phi_{43}^4\ \Phi_{12}^3\ \Phi_{6}^5\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
109917	1554	2652	$\frac{1}{221}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{110}{221}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{221}\ \Phi_{204}\ \Phi_{156}\ \Phi_{68}\ \Phi_{52}\ \Phi_{17}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
109918	1554	1989	$\frac{1}{221}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{110}{221}$	$\Phi_{1989}\ \Phi_{221}\ \Phi_{153}\ \Phi_{117}\ \Phi_{17}\ \Phi_{13}\ \Phi_{9}^2\ \Phi_{1}^2$
109919	1554	692	$\frac{1}{173}$	$\frac{1}{4}$	$\frac{87}{346}$	$\frac{86}{173}$	$\Phi_{692}^3\ \Phi_{346}\ \Phi_{173}^2\ \Phi_{4}^2\ \Phi_{1}^2$
109920	1554	2860	$\frac{1}{110}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{109}{220}$	$\Phi_{2860}\ \Phi_{572}\ \Phi_{260}\ \Phi_{220}^2\ \Phi_{52}\ \Phi_{44}^2\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{4}^2\ \Phi_{1}^2$
109921	1554	1320	$\frac{1}{110}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{109}{220}$	$\Phi_{1320}^2\ \Phi_{660}\ \Phi_{330}^2\ \Phi_{264}^2\ \Phi_{165}^2\ \Phi_{132}\ \Phi_{120}^2\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{6}^3\ \Phi_{3}^2$
109922	1554	3584	$\frac{3}{256}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{253}{512}$	$\Phi_{3584}\ \Phi_{28}\ \Phi_{14}$
109923	1554	2920	$\frac{1}{73}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{36}{73}$	$\Phi_{2920}\ \Phi_{584}\ \Phi_{73}\ \Phi_{40}^2\ \Phi_{8}^2\ \Phi_{1}^2$
109924	1554	730	$\frac{1}{73}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{36}{73}$	$\Phi_{730}^2\ \Phi_{365}^2\ \Phi_{146}^2\ \Phi_{73}^3\ \Phi_{10}^4\ \Phi_{5}^4\ \Phi_{2}^4\ \Phi_{1}^6$
109925	1554	584	$\frac{1}{73}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{36}{73}$	$\Phi_{584}^3\ \Phi_{292}^2\ \Phi_{146}^2\ \Phi_{73}^3\ \Phi_{8}^6\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
109926	1554	1825	$\frac{1}{73}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{36}{73}$	$\Phi_{1825}\ \Phi_{73}\ \Phi_{25}^2\ \Phi_{1}^2$
109927	1554	3570	$\frac{4}{255}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{251}{510}$	$\Phi_{3570}\ \Phi_{1190}\ \Phi_{714}\ \Phi_{238}\ \Phi_{210}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{14}$
109928	1554	1553	$\frac{29}{1553}$	$\frac{113}{1553}$	$\frac{480}{1553}$	$\frac{762}{1553}$	$\Phi_{1553}\ \Phi_{1}^2$
109929	1554	2184	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{53}{312}$	$\frac{51}{104}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{168}\ \Phi_{91}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
109930	1554	1784	$\frac{5}{223}$	$\frac{1}{8}$	$\frac{38}{223}$	$\frac{109}{223}$	$\Phi_{1784}\ \Phi_{892}\ \Phi_{446}$
109931	1554	1553	$\frac{37}{1553}$	$\frac{184}{1553}$	$\frac{265}{1553}$	$\frac{758}{1553}$	$\Phi_{1553}\ \Phi_{1}^2$
109932	1554	2952	$\frac{1}{41}$	$\frac{1}{36}$	$\frac{35}{72}$	$\frac{20}{41}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{328}\ \Phi_{72}^2\ \Phi_{41}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{1}^2$
109933	1554	1599	$\frac{1}{41}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{41}\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_{1}^2$
109934	1554	2214	$\frac{1}{41}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{20}{41}$	$\Phi_{2214}\ \Phi_{1107}\ \Phi_{54}^2\ \Phi_{41}\ \Phi_{27}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
109935	1554	1640	$\frac{1}{41}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{20}{41}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{410}\ \Phi_{328}\ \Phi_{205}\ \Phi_{41}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_1^2$
109936	1554	1968	$\frac{1}{41}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{20}{41}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{328}\ \Phi_{48}^2\ \Phi_{41}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
109937	1554	1845	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{20}{41}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{205}\ \Phi_{45}^2\ \Phi_{41}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
109938	1554	1722	$\frac{1}{41}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{20}{41}$	$\Phi_{1722}\ \Phi_{861}\ \Phi_{574}\ \Phi_{287}\ \Phi_{42}^2\ \Phi_{41}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
109939	1554	2076	$\frac{13}{519}$	$\frac{38}{519}$	$\frac{1}{4}$	$\frac{253}{519}$	$\Phi_{2076}\ \Phi_{1038}\ \Phi_{692}\ \Phi_{346}\ \Phi_{12}\ \Phi_6$
109940	1554	792	$\frac{1}{36}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{792}^4\ \Phi_{264}^4\ \Phi_{88}^4\ \Phi_{72}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6$
109941	1554	2952	$\frac{1}{36}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{35}{72}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{328}\ \Phi_{72}^2\ \Phi_{41}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
109942	1554	360	$\frac{1}{36}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{360}^9\ \Phi_{120}^9\ \Phi_{72}^6\ \Phi_{60}\ \Phi_{40}^9\ \Phi_{30}\ \Phi_{24}^6\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_8^6\ \Phi_6$
109943	1554	2952	$\frac{1}{36}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{35}{72}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{328}\ \Phi_{72}^2\ \Phi_{41}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
109944	1554	504	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{35}{72}$	$\Phi_{504}^3\ \Phi_{252}^4\ \Phi_{168}^3\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{28}^5\ \Phi_{21}^4\ \Phi_{14}^5\ \Phi_7^4$
109945	1554	3500	$\frac{9}{250}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{241}{500}$	$\Phi_{3500}\ \Phi_{700}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
109946	1554	550	$\frac{1}{25}$	$\frac{1}{22}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{550}^3\ \Phi_{275}^3\ \Phi_{110}^3\ \Phi_{55}^3\ \Phi_{50}\ \Phi_{25}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_1^2$
109947	1554	3458	$\frac{12}{247}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{235}{494}$	$\Phi_{3458}\ \Phi_{266}\ \Phi_{182}\ \Phi_{91}\ \Phi_{14}$
109948	1554	2280	$\frac{1}{38}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{2280}^2\ \Phi_{456}^2\ \Phi_{120}\ \Phi_{114}\ \Phi_{57}\ \Phi_{24}\ \Phi_6$
109949	1554	280	$\frac{1}{20}$	$\frac{3}{40}$	$\frac{1}{7}$	$\frac{19}{40}$	$\Phi_{280}^6\ \Phi_{140}^7\ \Phi_{70}^7\ \Phi_{56}^6\ \Phi_{35}^7\ \Phi_{28}^7\ \Phi_{14}^7\ \Phi_7^6$
109950	1554	770	$\frac{1}{22}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{110}^3\ \Phi_{77}^2\ \Phi_{55}^3\ \Phi_{35}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{10}\ \Phi_7^2\ \Phi_5^2\ \Phi_1^2$
109951	1554	210	$\frac{2}{35}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{33}{70}$	$\Phi_{210}^{15}\ \Phi_{105}\ \Phi_{70}^{12}\ \Phi_{42}^{15}\ \Phi_{35}\ \Phi_{30}^{15}\ \Phi_{21}\ \Phi_{14}^{12}\ \Phi_{10}^{12}\ \Phi_6^{15}\ \Phi_2^{12}$
109952	1554	1920	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{17}{128}$	$\frac{15}{32}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
109953	1554	990	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{10}\ \Phi_6$
109954	1554	3120	$\frac{1}{15}$	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{97}{208}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
109955	1554	715	$\frac{1}{55}$	$\frac{1}{13}$	$\frac{18}{55}$	$\frac{6}{13}$	$\Phi_{715}^2\ \Phi_{143}^2\ \Phi_{65}^2\ \Phi_{55}^4\ \Phi_{13}^3\ \Phi_{11}^4\ \Phi_5^4\ \Phi_1^6$
109956	1554	988	$\frac{1}{38}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{988}^2\ \Phi_{494}\ \Phi_{247}\ \Phi_{76}^4\ \Phi_{52}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{13}\ \Phi_4^2\ \Phi_1^2$
109957	1554	1495	$\frac{4}{115}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{1495}\ \Phi_{299}\ \Phi_{115}^2\ \Phi_{23}^2\ \Phi_{13}\ \Phi_1^2$
109958	1554	572	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{7}{44}$	$\frac{6}{13}$	$\Phi_{572}^3\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{52}^3\ \Phi_{44}^6\ \Phi_{26}^2\ \Phi_{22}^4\ \Phi_{13}^3\ \Phi_{11}^4\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
109959	1554	520	$\frac{3}{40}$	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{6}{13}$	$\Phi_{520}^3\ \Phi_{260}^3\ \Phi_{130}^2\ \Phi_{104}^3\ \Phi_{65}^2\ \Phi_{52}^3\ \Phi_{40}^6\ \Phi_{26}^2\ \Phi_{20}^6\ \Phi_{13}^3\ \Phi_{10}^4\ \Phi_8^6\ \Phi_5^4\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
109960	1554	1573	$\frac{1}{13}$	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{6}{13}$	$\Phi_{1573}\ \Phi_{121}^2\ \Phi_{13}\ \Phi_1^2$
109961	1554	3360	$\frac{1}{20}$	$\frac{19}{240}$	$\frac{1}{7}$	$\frac{221}{480}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{224}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
109962	1554	1553	$\frac{23}{1553}$	$\frac{149}{1553}$	$\frac{510}{1553}$	$\frac{702}{1553}$	$\Phi_{1553}\ \Phi_1^2$
109963	1554	3276	$\frac{1}{26}$	$\frac{25}{234}$	$\frac{1}{7}$	$\frac{209}{468}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{364}\ \Phi_{252}\ \Phi_{182}\ \Phi_{91}\ \Phi_{84}\ \Phi_{28}\ \Phi_{14}$
109964	1554	1634	$\frac{1}{38}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{1634}\ \Phi_{817}\ \Phi_{86}$
109965	1554	2940	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{85}{196}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
109966	1554	1553	$\frac{34}{1553}$	$\frac{217}{1553}$	$\frac{295}{1553}$	$\frac{668}{1553}$	$\Phi_{1553}\ \Phi_1^2$
109967	1554	2076	$\frac{8}{519}$	$\frac{73}{519}$	$\frac{1}{4}$	$\frac{223}{519}$	$\Phi_{2076}\ \Phi_{1038}\ \Phi_{692}\ \Phi_{346}\ \Phi_{12}\ \Phi_6$
109968	1554	960	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{5}{32}$	$\frac{27}{64}$	$\Phi_{960}^3\ \Phi_{320}^3\ \Phi_{240}\ \Phi_{192}^3\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
109969	1554	336	$\frac{1}{112}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^4\ \Phi_{84}^5\ \Phi_{56}^4\ \Phi_{48}^5\ \Phi_{42}^5\ \Phi_{28}^4\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{16}^4\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_8^4\ \Phi_7^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
109970	1554	2652	$\frac{2}{221}$	$\frac{1}{6}$	$\frac{73}{221}$	$\frac{5}{12}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{221}\ \Phi_{204}\ \Phi_{156}\ \Phi_{68}\ \Phi_{52}\ \Phi_{17}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
109971	1554	300	$\frac{1}{75}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{300}^4\ \Phi_{150}^7\ \Phi_{100}^4\ \Phi_{75}^6\ \Phi_{60}^4\ \Phi_{50}^7\ \Phi_{30}^7\ \Phi_{25}^6\ \Phi_{20}^4\ \Phi_{15}^6\ \Phi_{12}^3\ \Phi_{10}^7\ \Phi_6^5\ \Phi_5^6\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
109972	1554	2652	$\frac{5}{221}$	$\frac{36}{221}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{221}\ \Phi_{204}\ \Phi_{156}\ \Phi_{68}\ \Phi_{52}\ \Phi_{17}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
109973	1554	1596	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1596}^2\ \Phi_{532}^2\ \Phi_{266}\ \Phi_{133}\ \Phi_{84}\ \Phi_{28}\ \Phi_{14}$
109974	1554	156	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{156}^{17}\ \Phi_{52}^{17}\ \Phi_{39}^6\ \Phi_{13}^5\ \Phi_{12}^{18}\ \Phi_4^{18}\ \Phi_3^6\ \Phi_1^6$
109975	1554	1428	$\frac{1}{17}$	$\frac{8}{119}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1428}^2\ \Phi_{476}^2\ \Phi_{204}\ \Phi_{119}^2\ \Phi_{84}^2\ \Phi_{68}\ \Phi_{28}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
109976	1554	1305	$\frac{2}{261}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}^2\ \Phi_{145}\ \Phi_{87}^2\ \Phi_{45}\ \Phi_{29}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
109977	1554	1935	$\frac{1}{129}$	$\frac{1}{5}$	$\frac{128}{387}$	$\frac{2}{5}$	$\Phi_{1935}\ \Phi_{387}^2\ \Phi_{45}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
109978	1554	560	$\frac{1}{112}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^2\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{56}^2\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{10}\ \Phi_8^2\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
109979	1554	1720	$\frac{1}{86}$	$\frac{1}{5}$	$\frac{85}{344}$	$\frac{2}{5}$	$\Phi_{1720}\ \Phi_{860}\ \Phi_{344}^2\ \Phi_{172}^2\ \Phi_{40}\ \Phi_{20}\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
109980	1554	1320	$\frac{5}{264}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}^2\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{40}\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
109981	1554	215	$\frac{1}{43}$	$\frac{6}{43}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{215}^6\ \Phi_{43}^{12}\ \Phi_5^7\ \Phi_1^{14}$
109982	1554	760	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{760}^2\ \Phi_{380}^2\ \Phi_{190}\ \Phi_{152}^4\ \Phi_{95}\ \Phi_{76}^4\ \Phi_{40}\ \Phi_{38}^2\ \Phi_{20}\ \Phi_{19}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
109983	1554	440	$\frac{1}{22}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{440}^4\ \Phi_{220}^4\ \Phi_{110}^3\ \Phi_{88}^4\ \Phi_{55}^3\ \Phi_{44}^4\ \Phi_{40}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{11}^2\ \Phi_{10}\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
109984	1554	660	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{660}^4\ \Phi_{330}\ \Phi_{220}^4\ \Phi_{165}\ \Phi_{132}^4\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{44}^4\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_4^2$
109985	1554	2912	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{51}{208}$	$\frac{157}{416}$	$\Phi_{2912}\ \Phi_{364}\ \Phi_{224}\ \Phi_{182}\ \Phi_{91}\ \Phi_{28}\ \Phi_{14}$
109986	1554	1848	$\frac{5}{264}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{84}\ \Phi_{77}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
109987	1554	1553	$\frac{27}{1553}$	$\frac{218}{1553}$	$\frac{445}{1553}$	$\frac{554}{1553}$	$\Phi_{1553}\ \Phi_1^2$
109988	1554	1634	$\frac{1}{38}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{1634}\ \Phi_{817}\ \Phi_{86}$
109989	1554	840	$\frac{1}{28}$	$\frac{1}{15}$	$\frac{9}{28}$	$\frac{19}{56}$	$\Phi_{840}^3\ \Phi_{420}\ \Phi_{280}^3\ \Phi_{210}\ \Phi_{168}^3\ \Phi_{140}\ \Phi_{120}^3\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{40}^3\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
109990	1554	1553	$\frac{38}{1553}$	$\frac{147}{1553}$	$\frac{505}{1553}$	$\frac{524}{1553}$	$\Phi_{1553}\ \Phi_1^2$
109991	1554	1784	$\frac{4}{223}$	$\frac{1}{8}$	$\frac{73}{223}$	$\frac{75}{223}$	$\Phi_{1784}\ \Phi_{892}\ \Phi_{446}$
109992	1554	2730	$\frac{1}{65}$	$\frac{1}{7}$	$\frac{64}{195}$	$\frac{131}{390}$	$\Phi_{2730}\ \Phi_{910}\ \Phi_{546}\ \Phi_{455}\ \Phi_{210}\ \Phi_{182}\ \Phi_{91}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{14}$
109993	1554	1044	$\frac{2}{261}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{348}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
109994	1554	1008	$\frac{1}{112}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}\ \Phi_{252}^2\ \Phi_{168}\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
109995	1554	858	$\frac{1}{22}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{78}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{26}^2\ \Phi_6$
109996	1554	1548	$\frac{1}{129}$	$\frac{1}{4}$	$\frac{128}{387}$	$\frac{1}{3}$	$\Phi_{1548}^2\ \Phi_{774}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
109997	1554	1989	$\frac{2}{221}$	$\frac{2}{9}$	$\frac{73}{221}$	$\frac{1}{3}$	$\Phi_{1989}\ \Phi_{221}\ \Phi_{153}\ \Phi_{117}\ \Phi_{17}\ \Phi_{13}\ \Phi_9^2\ \Phi_1^2$
109998	1554	1320	$\frac{1}{55}$	$\frac{1}{8}$	$\frac{18}{55}$	$\frac{1}{3}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{330}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{120}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3$
109999	1554	2334	$\frac{19}{778}$	$\frac{75}{778}$	$\frac{253}{778}$	$\frac{1}{3}$	$\Phi_{2334}\ \Phi_{1167}\ \Phi_6$
110000	1554	1599	$\frac{2}{41}$	$\frac{2}{39}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{41}\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_1^2$
110001	1554	594	$\frac{1}{22}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{594}^4\ \Phi_{297}^4\ \Phi_{66}\ \Phi_{54}^2\ \Phi_{33}\ \Phi_{27}^2\ \Phi_6$
110002	1554	570	$\frac{1}{38}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{570}^4\ \Phi_{285}^4\ \Phi_{114}^5\ \Phi_{57}^5\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^3\ \Phi_3^2$
110003	1554	2334	$\frac{15}{778}$	$\frac{109}{778}$	$\frac{223}{778}$	$\frac{1}{3}$	$\Phi_{2334}\ \Phi_{1167}\ \Phi_6$
110004	1554	1032	$\frac{1}{86}$	$\frac{85}{344}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1032}^3\ \Phi_{516}\ \Phi_{258}^2\ \Phi_{129}^2\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
110005	1554	900	$\frac{1}{75}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{900}^{3}\ \Phi_{450}^{3}\ \Phi_{300}\ \Phi_{180}^{3}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}^{3}\ \Phi_{60}\ \Phi_{50}\ \Phi_{36}^{2}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
110006	1554	2580	$\frac{2}{129}$	$\frac{127}{645}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{860}\ \Phi_{430}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
110007	1554	264	$\frac{5}{264}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{264}^{6}\ \Phi_{132}^{6}\ \Phi_{88}^{6}\ \Phi_{66}^{6}\ \Phi_{44}^{6}\ \Phi_{33}^{6}\ \Phi_{24}^{6}\ \Phi_{22}^{6}\ \Phi_{12}^{3}\ \Phi_{11}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
110008	1554	516	$\frac{1}{43}$	$\frac{6}{43}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{516}^{6}\ \Phi_{258}^{6}\ \Phi_{12}^{7}\ \Phi_{6}^{7}$
110009	1554	456	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{456}^{6}\ \Phi_{228}^{4}\ \Phi_{114}^{5}\ \Phi_{57}^{5}\ \Phi_{24}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
110010	1554	1320	$\frac{1}{22}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{264}^{2}\ \Phi_{165}^{2}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{6}$
110011	1554	780	$\frac{2}{39}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^{3}\ \Phi_{390}^{3}\ \Phi_{260}^{2}\ \Phi_{156}^{2}\ \Phi_{130}^{3}\ \Phi_{78}^{2}\ \Phi_{60}\ \Phi_{52}^{2}\ \Phi_{30}\ \Phi_{26}^{2}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
110012	1554	528	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{528}^{4}\ \Phi_{264}^{4}\ \Phi_{176}^{4}\ \Phi_{88}^{4}\ \Phi_{66}\ \Phi_{48}^{2}\ \Phi_{33}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{6}$
110013	1554	1989	$\frac{5}{221}$	$\frac{36}{221}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1989}\ \Phi_{221}\ \Phi_{153}\ \Phi_{117}\ \Phi_{17}\ \Phi_{13}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
110014	1554	2394	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2394}\ \Phi_{1197}\ \Phi_{266}\ \Phi_{133}\ \Phi_{126}\ \Phi_{14}$
110015	1554	1782	$\frac{1}{22}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{162}\ \Phi_{66}\ \Phi_{54}\ \Phi_{33}\ \Phi_{6}$
110016	1554	117	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{117}^{17}\ \Phi_{39}^{6}\ \Phi_{13}^{5}\ \Phi_{9}^{18}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
110017	1554	1071	$\frac{1}{17}$	$\frac{8}{119}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1071}^{2}\ \Phi_{153}\ \Phi_{119}^{2}\ \Phi_{63}^{2}\ \Phi_{17}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
110018	1554	2850	$\frac{1}{38}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2850}\ \Phi_{1425}\ \Phi_{150}\ \Phi_{114}\ \Phi_{57}\ \Phi_{6}$
110019	1554	2760	$\frac{4}{115}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
110020	1554	990	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{330}^{2}\ \Phi_{165}^{2}\ \Phi_{110}^{2}\ \Phi_{90}^{2}\ \Phi_{66}\ \Phi_{55}^{2}\ \Phi_{33}\ \Phi_{30}^{2}\ \Phi_{10}^{2}\ \Phi_{6}$
110021	1554	462	$\frac{1}{22}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{462}^{4}\ \Phi_{231}^{4}\ \Phi_{154}^{4}\ \Phi_{77}^{4}\ \Phi_{66}\ \Phi_{42}^{2}\ \Phi_{33}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}$
110022	1554	264	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{7}{44}$	$\frac{1}{3}$	$\Phi_{264}^{10}\ \Phi_{132}^{7}\ \Phi_{66}^{8}\ \Phi_{33}^{8}\ \Phi_{24}^{11}\ \Phi_{12}^{8}\ \Phi_{6}^{9}\ \Phi_{3}^{8}$
110023	1554	1599	$\frac{2}{39}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{3}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{41}\ \Phi_{39}^{2}\ \Phi_{13}^{2}\ \Phi_{1}^{2}$
110024	1554	2184	$\frac{2}{39}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{182}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
110025	1554	120	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{120}^{19}\ \Phi_{60}^{19}\ \Phi_{30}^{20}\ \Phi_{24}^{20}\ \Phi_{15}^{20}\ \Phi_{12}^{20}\ \Phi_{6}^{21}\ \Phi_{3}^{20}$
110026	1554	2904	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{2904}\ \Phi_{1452}\ \Phi_{726}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
110027	1554	2688	$\frac{3}{128}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{125}{384}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
110028	1554	2184	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{53}{312}$	$\frac{25}{78}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{364}\ \Phi_{182}\ \Phi_{168}\ \Phi_{91}\ \Phi_{84}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
110029	1554	2214	$\frac{2}{41}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{13}{41}$	$\Phi_{2214}\ \Phi_{1107}\ \Phi_{54}^{2}\ \Phi_{41}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$
110030	1554	1640	$\frac{2}{41}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{13}{41}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{410}\ \Phi_{328}\ \Phi_{205}\ \Phi_{41}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
110031	1554	1968	$\frac{2}{41}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{13}{41}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{328}\ \Phi_{48}^{2}\ \Phi_{41}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
110032	1554	1845	$\frac{2}{41}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{13}{41}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{205}\ \Phi_{45}^{2}\ \Phi_{41}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
110033	1554	1722	$\frac{2}{41}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{13}{41}$	$\Phi_{1722}\ \Phi_{861}\ \Phi_{574}\ \Phi_{287}\ \Phi_{42}^{2}\ \Phi_{41}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
110034	1554	2100	$\frac{1}{20}$	$\frac{41}{300}$	$\frac{1}{7}$	$\frac{19}{60}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{175}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
110035	1554	540	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{540}^{6}\ \Phi_{270}^{3}\ \Phi_{135}^{3}\ \Phi_{108}^{4}\ \Phi_{60}\ \Phi_{54}^{2}\ \Phi_{30}\ \Phi_{27}^{2}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
110036	1554	2214	$\frac{1}{18}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{17}{54}$	$\Phi_{2214}\ \Phi_{1107}\ \Phi_{54}^{2}\ \Phi_{41}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$
110037	1554	1512	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{17}{54}$	$\Phi_{1512}^{2}\ \Phi_{756}^{2}\ \Phi_{378}\ \Phi_{189}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
110038	1554	240	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{11}{48}$	$\frac{5}{16}$	$\Phi_{240}^{7}\ \Phi_{120}^{7}\ \Phi_{80}^{7}\ \Phi_{60}^{7}\ \Phi_{48}^{4}\ \Phi_{40}^{7}\ \Phi_{30}^{7}\ \Phi_{24}^{4}\ \Phi_{20}^{7}\ \Phi_{16}^{6}\ \Phi_{15}^{6}\ \Phi_{12}^{4}\ \Phi_{10}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
110039	1554	2310	$\frac{1}{22}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{42}\ \Phi_{33}\ \Phi_{30}\ \Phi_{10}\ \Phi_{6}$
110040	1554	210	$\frac{1}{15}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{210}^{9}\ \Phi_{105}^{7}\ \Phi_{70}^{9}\ \Phi_{42}^{6}\ \Phi_{35}^{7}\ \Phi_{30}^{9}\ \Phi_{21}^{4}\ \Phi_{15}^{6}\ \Phi_{14}^{6}\ \Phi_{10}^{9}\ \Phi_{7}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
110041	1554	2520	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{19}{120}$	$\frac{101}{360}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{315}\ \Phi_{252}\ \Phi_{140}\ \Phi_{126}\ \Phi_{70}\ \Phi_{63}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
110042	1554	1890	$\frac{11}{270}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{210}\ \Phi_{189}\ \Phi_{126}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{14}$
110043	1554	120	$\frac{1}{15}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{120}^{15}\ \Phi_{60}^{13}\ \Phi_{40}^{12}\ \Phi_{30}^{13}\ \Phi_{24}^{15}\ \Phi_{20}^{10}\ \Phi_{15}^{12}\ \Phi_{12}^{13}\ \Phi_{10}^{10}\ \Phi_{8}^{12}\ \Phi_{6}^{13}\ \Phi_{5}^{9}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
110044	1554	240	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{240}^{9}\ \Phi_{120}^{9}\ \Phi_{80}^{9}\ \Phi_{60}\ \Phi_{48}^{6}\ \Phi_{40}^{9}\ \Phi_{30}\ \Phi_{24}^{6}\ \Phi_{20}\ \Phi_{16}^{6}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}^{6}\ \Phi_{6}$
110045	1554	2240	$\frac{3}{64}$	$\frac{1}{7}$	$\frac{61}{320}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
110046	1554	1904	$\frac{13}{272}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{119}\ \Phi_{28}\ \Phi_{14}$
110047	1554	180	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{60}^{12}\ \Phi_{36}^{12}\ \Phi_{30}^{12}\ \Phi_{20}^{12}\ \Phi_{18}^{12}\ \Phi_{12}^{13}\ \Phi_{10}^{12}\ \Phi_{6}^{13}\ \Phi_{4}^{12}\ \Phi_{2}^{12}$
110048	1554	420	$\frac{1}{15}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{420}^{6}\ \Phi_{210}^{3}\ \Phi_{140}^{6}\ \Phi_{105}^{3}\ \Phi_{84}^{4}\ \Phi_{70}^{3}\ \Phi_{60}\ \Phi_{42}^{2}\ \Phi_{35}^{3}\ \Phi_{30}\ \Phi_{28}^{4}\ \Phi_{21}^{2}\ \Phi_{20}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{7}^{2}\ \Phi_{6}$
110049	1554	1640	$\frac{3}{40}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{4}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{410}\ \Phi_{328}\ \Phi_{205}\ \Phi_{41}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
110050	1554	280	$\frac{3}{40}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{280}^{7}\ \Phi_{140}^{7}\ \Phi_{70}^{7}\ \Phi_{56}^{4}\ \Phi_{35}^{7}\ \Phi_{28}^{5}\ \Phi_{14}^{5}\ \Phi_{7}^{4}$
110051	1554	2016	$\frac{3}{32}$	$\frac{29}{288}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
110052	1554	2380	$\frac{4}{85}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{81}{340}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{476}\ \Phi_{238}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
110053	1554	2240	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{61}{320}$	$\frac{19}{80}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{224}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
110054	1554	1968	$\frac{1}{12}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{11}{48}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{328}\ \Phi_{48}^{2}\ \Phi_{41}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
110055	1554	336	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{11}{48}$	$\Phi_{336}^{7}\ \Phi_{168}^{3}\ \Phi_{112}^{7}\ \Phi_{84}^{4}\ \Phi_{56}^{4}\ \Phi_{42}^{4}\ \Phi_{28}^{5}\ \Phi_{21}^{4}\ \Phi_{14}^{5}\ \Phi_{7}^{4}$
110056	1554	420	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{140}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{140}^{4}\ \Phi_{105}\ \Phi_{84}^{5}\ \Phi_{70}^{4}\ \Phi_{60}^{5}\ \Phi_{42}^{5}\ \Phi_{35}\ \Phi_{30}^{5}\ \Phi_{28}^{4}\ \Phi_{21}\ \Phi_{20}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
110057	1554	2100	$\frac{1}{10}$	$\frac{41}{300}$	$\frac{1}{7}$	$\frac{9}{50}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
110058	1554	1845	$\frac{1}{9}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{8}{45}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{205}\ \Phi_{45}^{2}\ \Phi_{41}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
110059	1554	2520	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{8}{45}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
110060	1554	1722	$\frac{5}{42}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{6}$	$\Phi_{1722}\ \Phi_{861}\ \Phi_{574}\ \Phi_{287}\ \Phi_{42}^{2}\ \Phi_{41}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
110061	1554	168	$\frac{5}{42}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{168}^{10}\ \Phi_{84}^{10}\ \Phi_{56}^{11}\ \Phi_{42}^{5}\ \Phi_{28}^{11}\ \Phi_{24}^{12}\ \Phi_{21}^{5}\ \Phi_{14}^{6}\ \Phi_{12}^{12}\ \Phi_{8}^{12}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{4}^{12}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
110062	1555	1240	$\frac{1}{310}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{309}{620}$	$\Phi_{1240}^{2}\ \Phi_{620}\ \Phi_{248}^{2}\ \Phi_{124}\ \Phi_{40}^{2}\ \Phi_{20}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
110063	1555	2076	$\frac{2}{519}$	$\frac{521}{2076}$	$\frac{1}{3}$	$\frac{517}{1038}$	$\Phi_{2076}\ \Phi_{692}\ \Phi_{519}\ \Phi_{173}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
110064	1555	2664	$\frac{1}{222}$	$\frac{223}{1332}$	$\frac{1109}{2664}$	$\frac{221}{444}$	$\Phi_{2664}\ \Phi_{888}\ \Phi_{444}\ \Phi_{296}\ \Phi_{148}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
110065	1555	3096	$\frac{7}{1548}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1541}{3096}$	$\Phi_{3096}\ \Phi_{1032}\ \Phi_{344}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
110066	1555	3096	$\frac{7}{1548}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1541}{3096}$	$\Phi_{3096}\ \Phi_{1032}\ \Phi_{344}\ \Phi_{72}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
110067	1555	618	$\frac{2}{309}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{307}{618}$	$\Phi_{618}^{2}\ \Phi_{309}^{3}\ \Phi_{206}^{2}\ \Phi_{103}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
110068	1555	1248	$\frac{1}{104}$	$\frac{1}{6}$	$\frac{105}{416}$	$\frac{103}{208}$	$\Phi_{1248}^{2}\ \Phi_{416}\ \Phi_{312}^{2}\ \Phi_{156}^{2}\ \Phi_{104}\ \Phi_{96}^{2}\ \Phi_{78}^{2}\ \Phi_{52}\ \Phi_{39}^{2}\ \Phi_{32}\ \Phi_{26}\ \Phi_{24}^{2}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
110069	1555	616	$\frac{3}{308}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{305}{616}$	$\Phi_{616}^{5}\ \Phi_{88}^{5}\ \Phi_{56}^{5}\ \Phi_{28}\ \Phi_{8}^{5}\ \Phi_{4}\ \Phi_{1}$
110070	1555	616	$\frac{3}{308}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{305}{616}$	$\Phi_{616}^{5}\ \Phi_{88}^{5}\ \Phi_{56}^{5}\ \Phi_{8}^{5}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
110071	1555	1848	$\frac{3}{308}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{305}{616}$	$\Phi_{1848}^{2}\ \Phi_{616}\ \Phi_{264}^{2}\ \Phi_{168}^{2}\ \Phi_{88}\ \Phi_{56}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
110072	1555	3072	$\frac{19}{1536}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1517}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
110073	1555	592	$\frac{1}{74}$	$\frac{15}{296}$	$\frac{281}{592}$	$\frac{73}{148}$	$\Phi_{592}^{5}\ \Phi_{148}\ \Phi_{16}^{5}\ \Phi_{4}\ \Phi_{1}$
110074	1555	444	$\frac{1}{74}$	$\frac{15}{148}$	$\frac{133}{444}$	$\frac{73}{148}$	$\Phi_{444}^{5}\ \Phi_{222}^{5}\ \Phi_{148}\ \Phi_{111}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{4}\ \Phi_{3}^{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
110075	1555	1776	$\frac{1}{74}$	$\frac{221}{1776}$	$\frac{75}{296}$	$\frac{73}{148}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{592}\ \Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
110076	1555	1872	$\frac{5}{312}$	$\frac{1}{6}$	$\frac{317}{1872}$	$\frac{307}{624}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{24}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
110077	1555	612	$\frac{5}{306}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{301}{612}$	$\Phi_{612}^5\ \Phi_{204}^5\ \Phi_{68}^5\ \Phi_{36}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
110078	1555	1824	$\frac{7}{304}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{297}{608}$	$\Phi_{1824}^2\ \Phi_{608}\ \Phi_{96}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
110079	1555	3024	$\frac{1}{42}$	$\frac{43}{1512}$	$\frac{1469}{3024}$	$\frac{41}{84}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
110080	1555	2268	$\frac{1}{42}$	$\frac{43}{756}$	$\frac{713}{2268}$	$\frac{41}{84}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{162}\ \Phi_{84}\ \Phi_{81}\ \Phi_{28}\ \Phi_{12}\ \Phi_4\ \Phi_1$
110081	1555	336	$\frac{1}{42}$	$\frac{25}{336}$	$\frac{43}{168}$	$\frac{41}{84}$	$\Phi_{336}^5\ \Phi_{168}^4\ \Phi_{112}^5\ \Phi_{84}^5\ \Phi_{56}^4\ \Phi_{48}^5\ \Phi_{42}^4\ \Phi_{28}^5\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_{16}^5\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_7^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
110082	1555	2016	$\frac{1}{42}$	$\frac{43}{504}$	$\frac{461}{2016}$	$\frac{41}{84}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
110083	1555	1764	$\frac{1}{42}$	$\frac{209}{1764}$	$\frac{43}{252}$	$\frac{41}{84}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{49}\ \Phi_{28}\ \Phi_{12}\ \Phi_4\ \Phi_1$
110084	1555	3024	$\frac{43}{1512}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{1469}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{63}\ \Phi_{48}\ \Phi_{16}\ \Phi_9\ \Phi_1$
110085	1555	3024	$\frac{43}{1512}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1469}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
110086	1555	600	$\frac{11}{300}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{289}{600}$	$\Phi_{600}^5\ \Phi_{200}^5\ \Phi_{120}^5\ \Phi_{40}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
110087	1555	420	$\frac{4}{105}$	$\frac{1}{21}$	$\frac{109}{420}$	$\frac{101}{210}$	$\Phi_{420}^5\ \Phi_{140}^5\ \Phi_{105}^5\ \Phi_{84}^5\ \Phi_{60}^5\ \Phi_{35}^5\ \Phi_{28}^5\ \Phi_{21}^4\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_7^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_1^5$
110088	1555	1794	$\frac{12}{299}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{287}{598}$	$\Phi_{1794}\ \Phi_{897}\ \Phi_{299}\ \Phi_{138}\ \Phi_{78}^2\ \Phi_{69}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{23}\ \Phi_{13}\ \Phi_6\ \Phi_3\ \Phi_1$
110089	1555	336	$\frac{1}{24}$	$\frac{25}{336}$	$\frac{1}{6}$	$\frac{23}{48}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_7^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
110090	1555	2964	$\frac{73}{1482}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1409}{2964}$	$\Phi_{2964}\ \Phi_{988}\ \Phi_{228}\ \Phi_{156}\ \Phi_{78}\ \Phi_{76}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
110091	1555	592	$\frac{15}{296}$	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{281}{592}$	$\Phi_{592}^5\ \Phi_{37}^2\ \Phi_{16}^5\ \Phi_1^3$
110092	1555	588	$\frac{1}{21}$	$\frac{17}{294}$	$\frac{4}{21}$	$\frac{277}{588}$	$\Phi_{588}^5\ \Phi_{196}^5\ \Phi_{84}^5\ \Phi_{28}^5\ \Phi_{21}^4\ \Phi_{12}^5\ \Phi_7^4\ \Phi_4^5\ \Phi_3^4\ \Phi_1^5$
110093	1555	588	$\frac{17}{294}$	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{277}{588}$	$\Phi_{588}^5\ \Phi_{196}^5\ \Phi_{98}\ \Phi_{84}^5\ \Phi_{49}\ \Phi_{28}^5\ \Phi_{12}^5\ \Phi_4^5\ \Phi_1$
110094	1555	1792	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{237}{1792}$	$\frac{211}{448}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{256}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
110095	1555	378	$\frac{1}{21}$	$\frac{4}{63}$	$\frac{67}{378}$	$\frac{59}{126}$	$\Phi_{378}^5\ \Phi_{189}^5\ \Phi_{63}^5\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_{21}^4\ \Phi_9^5\ \Phi_7^4\ \Phi_3^4\ \Phi_1^5$
110096	1555	2912	$\frac{99}{1456}$	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1357}{2912}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
110097	1555	1848	$\frac{15}{308}$	$\frac{1}{14}$	$\frac{293}{1848}$	$\frac{13}{28}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{66}\ \Phi_{56}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
110098	1555	336	$\frac{1}{14}$	$\frac{25}{336}$	$\frac{3}{28}$	$\frac{13}{28}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{48}^5\ \Phi_{42}^5\ \Phi_{28}\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^5\ \Phi_4\ \Phi_3^5\ \Phi_1$
110099	1555	576	$\frac{1}{24}$	$\frac{23}{288}$	$\frac{1}{6}$	$\frac{265}{576}$	$\Phi_{576}^5\ \Phi_{192}^5\ \Phi_{64}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
110100	1555	1716	$\frac{1}{26}$	$\frac{25}{286}$	$\frac{1}{6}$	$\frac{261}{572}$	$\Phi_{1716}^2\ \Phi_{572}\ \Phi_{156}^2\ \Phi_{132}^2\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{44}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
110101	1555	2808	$\frac{5}{156}$	$\frac{151}{1404}$	$\frac{1}{6}$	$\frac{1253}{2808}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{312}\ \Phi_{216}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
110102	1555	960	$\frac{9}{320}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}^2\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
110103	1555	2744	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{183}{1372}$	$\frac{1189}{2744}$	$\Phi_{2744}\ \Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
110104	1555	546	$\frac{1}{39}$	$\frac{38}{273}$	$\frac{1}{6}$	$\frac{235}{546}$	$\Phi_{546}^2\ \Phi_{273}^3\ \Phi_{182}^2\ \Phi_{91}^3\ \Phi_{78}^5\ \Phi_{42}^2\ \Phi_{39}^5\ \Phi_{26}^5\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{13}^5\ \Phi_7^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
110105	1555	315	$\frac{4}{315}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{315}^5\ \Phi_{105}^5\ \Phi_{63}^5\ \Phi_{45}^5\ \Phi_{35}^5\ \Phi_{21}^5\ \Phi_{15}^5\ \Phi_9^5\ \Phi_7^2\ \Phi_5^5\ \Phi_3^5\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
110106	1555	2688	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{211}{1344}$	$\frac{1133}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
110107	1555	2064	$\frac{7}{516}$	$\frac{1}{6}$	$\frac{509}{2064}$	$\frac{5}{12}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{688}\ \Phi_{344}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
110108	1555	1584	$\frac{29}{1584}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
110109	1555	2664	$\frac{1}{111}$	$\frac{223}{1332}$	$\frac{110}{333}$	$\frac{1109}{2664}$	$\Phi_{2664}\ \Phi_{888}\ \Phi_{333}\ \Phi_{296}\ \Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
110110	1555	333	$\frac{2}{37}$	$\frac{22}{333}$	$\frac{7}{37}$	$\frac{15}{37}$	$\Phi_{333}^5\ \Phi_{111}^5\ \Phi_{37}^2\ \Phi_9^5\ \Phi_3^5\ \Phi_1^3$
110111	1555	336	$\frac{1}{21}$	$\frac{25}{336}$	$\frac{4}{21}$	$\frac{17}{42}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{48}^5\ \Phi_{28}^5\ \Phi_{24}^5\ \Phi_{21}^4\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_7^4\ \Phi_4^5\ \Phi_3^4\ \Phi_1^5$
110112	1555	1560	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{51}{260}$	$\frac{209}{520}$	$\Phi_{1560}^2\ \Phi_{520}\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{120}^2\ \Phi_{104}\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{24}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
110113	1555	444	$\frac{1}{111}$	$\frac{22}{111}$	$\frac{133}{444}$	$\frac{89}{222}$	$\Phi_{444}^5\ \Phi_{148}^5\ \Phi_{111}^4\ \Phi_{37}^4\ \Phi_{12}^5\ \Phi_4^5\ \Phi_3^4\ \Phi_1^5$
110114	1555	1584	$\frac{29}{1584}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
110115	1555	1566	$\frac{11}{1566}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1566}\ \Phi_{783}\ \Phi_{522}\ \Phi_{261}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}\ \Phi_{54}\ \Phi_{29}\ \Phi_{27}\ \Phi_9\ \Phi_1$
110116	1555	504	$\frac{1}{21}$	$\frac{4}{63}$	$\frac{59}{252}$	$\frac{193}{504}$	$\Phi_{504}^5\ \Phi_{168}^5\ \Phi_{72}^5\ \Phi_{63}^5\ \Phi_{56}^5\ \Phi_{24}^5\ \Phi_{21}^4\ \Phi_9^5\ \Phi_8^5\ \Phi_7^4\ \Phi_3^4\ \Phi_1^5$
110117	1555	2496	$\frac{5}{312}$	$\frac{1}{6}$	$\frac{307}{1248}$	$\frac{941}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{312}\ \Phi_{192}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{64}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
110118	1555	3720	$\frac{1}{155}$	$\frac{1}{4}$	$\frac{154}{465}$	$\frac{3}{8}$	$\Phi_{3720}\ \Phi_{744}\ \Phi_{465}\ \Phi_{120}\ \Phi_{93}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
110119	1555	2520	$\frac{4}{315}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{45}\ \Phi_{35}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_3\ \Phi_1$
110120	1555	744	$\frac{1}{62}$	$\frac{61}{372}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{744}^4\ \Phi_{372}\ \Phi_{248}^2\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{24}^4\ \Phi_{12}\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
110121	1555	320	$\frac{9}{320}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{320}^5\ \Phi_{160}^5\ \Phi_{80}^5\ \Phi_{64}^5\ \Phi_{40}^3\ \Phi_{32}^5\ \Phi_{20}^5\ \Phi_{16}^5\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
110122	1555	2728	$\frac{1}{31}$	$\frac{30}{341}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2728}\ \Phi_{341}\ \Phi_{88}\ \Phi_{11}\ \Phi_8\ \Phi_1$
110123	1555	1638	$\frac{1}{21}$	$\frac{83}{1638}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{234}\ \Phi_{182}\ \Phi_{117}\ \Phi_{91}\ \Phi_{78}\ \Phi_{63}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_9\ \Phi_1$
110124	1555	2352	$\frac{13}{392}$	$\frac{1}{14}$	$\frac{379}{1176}$	$\frac{797}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{392}\ \Phi_{336}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
110125	1555	468	$\frac{1}{78}$	$\frac{1}{6}$	$\frac{77}{234}$	$\frac{157}{468}$	$\Phi_{468}^5\ \Phi_{156}^5\ \Phi_{78}^5\ \Phi_{52}^5\ \Phi_{39}^5\ \Phi_{36}^5\ \Phi_{26}^5\ \Phi_{13}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
110126	1555	1998	$\frac{1}{111}$	$\frac{443}{1998}$	$\frac{110}{333}$	$\frac{223}{666}$	$\Phi_{1998}\ \Phi_{999}\ \Phi_{333}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
110127	1555	2322	$\frac{7}{774}$	$\frac{2}{9}$	$\frac{767}{2322}$	$\frac{1}{3}$	$\Phi_{2322}\ \Phi_{1161}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
110128	1555	387	$\frac{7}{387}$	$\frac{76}{387}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{387}^4\ \Phi_{129}^4\ \Phi_{43}^4\ \Phi_9^5\ \Phi_3^4\ \Phi_1^5$
110129	1555	1584	$\frac{29}{1584}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_9\ \Phi_8\ \Phi_1$
110130	1555	462	$\frac{3}{154}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{151}{462}$	$\Phi_{462}^5\ \Phi_{231}^5\ \Phi_{66}^5\ \Phi_{42}^5\ \Phi_{33}^5\ \Phi_{21}^5\ \Phi_7^2\ \Phi_6^5\ \Phi_3^5\ \Phi_1^3$
110131	1555	2304	$\frac{19}{768}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{749}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
110132	1555	1872	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{317}{1872}$	$\frac{151}{468}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
110133	1555	360	$\frac{1}{24}$	$\frac{49}{360}$	$\frac{1}{6}$	$\frac{23}{72}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
110134	1555	456	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{145}{456}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{152}^4\ \Phi_{114}^3\ \Phi_{76}^4\ \Phi_{57}^3\ \Phi_{38}^4\ \Phi_{24}^5\ \Phi_{19}^4\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
110135	1555	2268	$\frac{1}{21}$	$\frac{43}{756}$	$\frac{713}{2268}$	$\frac{20}{63}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{63}\ \Phi_9\ \Phi_1$
110136	1555	2016	$\frac{1}{21}$	$\frac{43}{504}$	$\frac{461}{2016}$	$\frac{20}{63}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{63}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
110137	1555	1701	$\frac{1}{21}$	$\frac{146}{1701}$	$\frac{43}{189}$	$\frac{20}{63}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{243}\ \Phi_{81}\ \Phi_{63}\ \Phi_{9}\ \Phi_{1}$
110138	1555	378	$\frac{1}{21}$	$\frac{43}{378}$	$\frac{67}{378}$	$\frac{20}{63}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{126}^4\ \Phi_{63}^5\ \Phi_{54}^4\ \Phi_{42}^4\ \Phi_{27}^4\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{9}^5\ \Phi_{7}^4\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
110139	1555	1764	$\frac{1}{21}$	$\frac{209}{1764}$	$\frac{43}{252}$	$\frac{20}{63}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{63}\ \Phi_{49}\ \Phi_{9}\ \Phi_{1}$
110140	1555	2016	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{461}{2016}$	$\frac{211}{672}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
110141	1555	444	$\frac{2}{37}$	$\frac{15}{148}$	$\frac{7}{37}$	$\frac{133}{444}$	$\Phi_{444}^5\ \Phi_{222}^5\ \Phi_{111}^5\ \Phi_{37}^2\ \Phi_{12}^5\ \Phi_{6}^5\ \Phi_{3}^5\ \Phi_{1}^3$
110142	1555	441	$\frac{1}{21}$	$\frac{17}{147}$	$\frac{4}{21}$	$\frac{130}{441}$	$\Phi_{441}^5\ \Phi_{63}^5\ \Phi_{21}^4\ \Phi_{9}^5\ \Phi_{7}^4\ \Phi_{3}^4\ \Phi_{1}^5$
110143	1555	1764	$\frac{1}{14}$	$\frac{209}{1764}$	$\frac{13}{98}$	$\frac{85}{294}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{252}\ \Phi_{196}\ \Phi_{126}\ \Phi_{98}\ \Phi_{84}\ \Phi_{63}\ \Phi_{49}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
110144	1555	322	$\frac{11}{322}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{322}^5\ \Phi_{161}^5\ \Phi_{46}^5\ \Phi_{23}^5\ \Phi_{7}^2\ \Phi_{1}^3$
110145	1555	385	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{74}{385}$	$\frac{2}{7}$	$\Phi_{385}^5\ \Phi_{55}^5\ \Phi_{35}^5\ \Phi_{7}^2\ \Phi_{5}^5\ \Phi_{1}^3$
110146	1555	336	$\frac{25}{336}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{48}^5\ \Phi_{42}^5\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_{8}^5\ \Phi_{7}^2\ \Phi_{6}^5\ \Phi_{3}^5\ \Phi_{1}^3$
110147	1555	432	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{1}{6}$	$\frac{121}{432}$	$\Phi_{432}^5\ \Phi_{216}^5\ \Phi_{108}^5\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
110148	1555	324	$\frac{13}{324}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{324}^5\ \Phi_{162}^5\ \Phi_{108}^5\ \Phi_{81}^5\ \Phi_{54}^5\ \Phi_{36}^5\ \Phi_{27}^5\ \Phi_{12}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
110149	1555	336	$\frac{1}{14}$	$\frac{25}{336}$	$\frac{13}{56}$	$\frac{43}{168}$	$\Phi_{336}^5\ \Phi_{168}^4\ \Phi_{112}^5\ \Phi_{84}^4\ \Phi_{56}^5\ \Phi_{48}^5\ \Phi_{42}^4\ \Phi_{28}^5\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_{16}^5\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{8}^5\ \Phi_{7}^4\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
110150	1555	1056	$\frac{3}{44}$	$\frac{41}{352}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}\ \Phi_{264}^2\ \Phi_{176}\ \Phi_{96}^2\ \Phi_{88}\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
110151	1555	336	$\frac{25}{336}$	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^5\ \Phi_{84}^3\ \Phi_{56}^5\ \Phi_{48}^5\ \Phi_{42}^3\ \Phi_{28}^4\ \Phi_{24}^5\ \Phi_{21}^3\ \Phi_{16}^5\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_{8}^5\ \Phi_{7}^4\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
110152	1555	384	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{73}{384}$	$\frac{23}{96}$	$\Phi_{384}^5\ \Phi_{192}^5\ \Phi_{128}^5\ \Phi_{64}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
110153	1555	408	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{97}{408}$	$\Phi_{408}^5\ \Phi_{204}^5\ \Phi_{136}^5\ \Phi_{68}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
110154	1555	2016	$\frac{1}{14}$	$\frac{43}{504}$	$\frac{461}{2016}$	$\frac{13}{56}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
110155	1555	1632	$\frac{77}{1632}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
110156	1555	384	$\frac{19}{384}$	$\frac{1}{6}$	$\frac{73}{384}$	$\frac{5}{24}$	$\Phi_{384}^4\ \Phi_{192}^4\ \Phi_{128}^4\ \Phi_{96}^4\ \Phi_{64}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{24}^5\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
110157	1555	1728	$\frac{19}{192}$	$\frac{173}{1728}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
110158	1555	392	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{17}{98}$	$\frac{81}{392}$	$\Phi_{392}^5\ \Phi_{196}^5\ \Phi_{98}\ \Phi_{56}^5\ \Phi_{49}\ \Phi_{28}^5\ \Phi_{8}^5\ \Phi_{4}^5\ \Phi_{1}$
110159	1555	370	$\frac{2}{37}$	$\frac{59}{370}$	$\frac{7}{37}$	$\frac{15}{74}$	$\Phi_{370}^5\ \Phi_{185}^5\ \Phi_{37}^2\ \Phi_{10}^5\ \Phi_{5}^5\ \Phi_{1}^3$
110160	1555	360	$\frac{1}{12}$	$\frac{49}{360}$	$\frac{1}{6}$	$\frac{11}{60}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^5\ \Phi_{72}^5\ \Phi_{45}^5\ \Phi_{40}^5\ \Phi_{36}^5\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_{9}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
110161	1556	2328	$\frac{1}{388}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{387}{776}$	$\Phi_{2328}\ \Phi_{776}^2\ \Phi_{24}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
110162	1556	622	$\frac{1}{311}$	$\frac{78}{311}$	$\frac{233}{622}$	$\frac{155}{311}$	$\Phi_{622}^4\ \Phi_{311}\ \Phi_{2}^4\ \Phi_{1}^2$
110163	1556	775	$\frac{3}{775}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{386}{775}$	$\Phi_{775}^2\ \Phi_{155}^2\ \Phi_{31}^2\ \Phi_{25}^2\ \Phi_{5}^3\ \Phi_{1}^4$
110164	1556	3870	$\frac{2}{387}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{385}{774}$	$\Phi_{3870}\ \Phi_{1290}\ \Phi_{430}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
110165	1556	1545	$\frac{11}{1545}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{767}{1545}$	$\Phi_{1545}\ \Phi_{515}\ \Phi_{309}\ \Phi_{103}\ \Phi_{15}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
110166	1556	520	$\frac{1}{130}$	$\frac{1}{5}$	$\frac{131}{520}$	$\frac{129}{260}$	$\Phi_{520}^4\ \Phi_{130}^4\ \Phi_{104}^4\ \Phi_{65}^4\ \Phi_{40}^4\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
110167	1556	770	$\frac{4}{385}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{381}{770}$	$\Phi_{770}^4\ \Phi_{154}^4\ \Phi_{110}^4\ \Phi_{70}^4\ \Phi_{22}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
110168	1556	2340	$\frac{1}{78}$	$\frac{79}{468}$	$\frac{1}{5}$	$\frac{77}{156}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{195}\ \Phi_{180}\ \Phi_{130}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
110169	1556	3840	$\frac{5}{384}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{379}{768}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
110170	1556	765	$\frac{13}{765}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{376}{765}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^2\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{45}^2\ \Phi_{17}^2\ \Phi_{15}^4\ \Phi_{9}^2\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{1}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
110171	1556	2280	$\frac{9}{380}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{371}{760}$	$\Phi_{2280}^2\ \Phi_{456}^2\ \Phi_{120}^2\ \Phi_{57}\ \Phi_{24}^2$
110172	1556	760	$\frac{9}{380}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{371}{760}$	$\Phi_{760}^4\ \Phi_{152}^4\ \Phi_{40}^4\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
110173	1556	1230	$\frac{1}{41}$	$\frac{21}{410}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{1230}^2\ \Phi_{615}^2\ \Phi_{246}^2\ \Phi_{123}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
110174	1556	3770	$\frac{12}{377}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{365}{754}$	$\Phi_{3770}\ \Phi_{290}\ \Phi_{130}\ \Phi_{65}\ \Phi_{10}$
110175	1556	420	$\frac{1}{30}$	$\frac{31}{420}$	$\frac{1}{5}$	$\frac{29}{60}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_{7}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
110176	1556	750	$\frac{14}{375}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{361}{750}$	$\Phi_{750}^4\ \Phi_{250}^4\ \Phi_{150}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
110177	1556	2080	$\frac{1}{26}$	$\frac{27}{416}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{160}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{40}\ \Phi_{10}$
110178	1556	1495	$\frac{61}{1495}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{717}{1495}$	$\Phi_{1495}\ \Phi_{299}\ \Phi_{115}\ \Phi_{65}^2\ \Phi_{23}\ \Phi_{13}^2\ \Phi_{5}\ \Phi_{1}^2$
110179	1556	399	$\frac{10}{399}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{399}^4\ \Phi_{133}^4\ \Phi_{57}^3\ \Phi_{21}^4\ \Phi_{19}^4\ \Phi_{7}^4\ \Phi_{3}^2\ \Phi_{1}^4$
110180	1556	738	$\frac{1}{41}$	$\frac{20}{369}$	$\frac{1}{3}$	$\frac{349}{738}$	$\Phi_{738}^4\ \Phi_{246}^4\ \Phi_{123}\ \Phi_{82}^4\ \Phi_{18}^4\ \Phi_{6}^4\ \Phi_{2}^4$
110181	1556	3640	$\frac{1}{26}$	$\frac{25}{364}$	$\frac{1}{5}$	$\frac{339}{728}$	$\Phi_{3640}\ \Phi_{520}\ \Phi_{280}\ \Phi_{130}\ \Phi_{65}\ \Phi_{40}\ \Phi_{10}$
110182	1556	720	$\frac{1}{30}$	$\frac{29}{360}$	$\frac{1}{5}$	$\frac{331}{720}$	$\Phi_{720}^4\ \Phi_{240}^4\ \Phi_{144}^4\ \Phi_{80}^4\ \Phi_{48}^4\ \Phi_{30}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
110183	1556	715	$\frac{2}{65}$	$\frac{63}{715}$	$\frac{1}{5}$	$\frac{326}{715}$	$\Phi_{715}^2\ \Phi_{143}^2\ \Phi_{65}^4\ \Phi_{55}^2\ \Phi_{13}^4\ \Phi_{11}^2\ \Phi_{5}^3\ \Phi_{1}^4$
110184	1556	400	$\frac{11}{400}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{400}^4\ \Phi_{200}^4\ \Phi_{100}^4\ \Phi_{80}^4\ \Phi_{50}^4\ \Phi_{40}^4\ \Phi_{25}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
110185	1556	3510	$\frac{1}{39}$	$\frac{38}{351}$	$\frac{1}{5}$	$\frac{313}{702}$	$\Phi_{3510}\ \Phi_{1170}\ \Phi_{390}\ \Phi_{270}\ \Phi_{195}\ \Phi_{130}\ \Phi_{90}\ \Phi_{65}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
110186	1556	1365	$\frac{4}{195}$	$\frac{191}{1365}$	$\frac{1}{5}$	$\frac{587}{1365}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}^2\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
110187	1556	1980	$\frac{7}{396}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
110188	1556	650	$\frac{1}{65}$	$\frac{64}{325}$	$\frac{1}{5}$	$\frac{261}{650}$	$\Phi_{650}^4\ \Phi_{130}^4\ \Phi_{65}^4\ \Phi_{50}^4\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
110189	1556	465	$\frac{3}{155}$	$\frac{76}{465}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{465}^4\ \Phi_{155}^2\ \Phi_{93}^4\ \Phi_{31}^2\ \Phi_{15}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{1}^4$
110190	1556	400	$\frac{11}{400}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{400}^4\ \Phi_{200}^4\ \Phi_{100}^4\ \Phi_{80}^4\ \Phi_{50}^4\ \Phi_{40}^4\ \Phi_{25}^2\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
110191	1556	3120	$\frac{1}{78}$	$\frac{1}{5}$	$\frac{77}{312}$	$\frac{235}{624}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{390}\ \Phi_{240}\ \Phi_{195}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
110192	1556	585	$\frac{2}{195}$	$\frac{1}{5}$	$\frac{193}{585}$	$\frac{196}{585}$	$\Phi_{585}^2\ \Phi_{195}^4\ \Phi_{117}^2\ \Phi_{65}^4\ \Phi_{45}^2\ \Phi_{39}^4\ \Phi_{15}^4\ \Phi_{13}^4\ \Phi_{9}^2\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{1}^4$
110193	1556	582	$\frac{1}{194}$	$\frac{193}{582}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{582}^3\ \Phi_{291}^3\ \Phi_{194}^2\ \Phi_{97}^2\ \Phi_{6}^3\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
110194	1556	1176	$\frac{3}{392}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}^2\ \Phi_{294}\ \Phi_{196}^2\ \Phi_{168}\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{49}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{3}\ \Phi_{1}^2$
110195	1556	1455	$\frac{1}{97}$	$\frac{96}{485}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1455}\ \Phi_{485}^2\ \Phi_{15}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
110196	1556	861	$\frac{1}{41}$	$\frac{83}{861}$	$\frac{40}{123}$	$\frac{1}{3}$	$\Phi_{861}^2\ \Phi_{287}^2\ \Phi_{123}\ \Phi_{21}^2\ \Phi_{7}^2$
110197	1556	570	$\frac{9}{190}$	$\frac{1}{19}$	$\frac{181}{570}$	$\frac{1}{3}$	$\Phi_{570}^2\ \Phi_{285}^2\ \Phi_{190}^4\ \Phi_{114}^2\ \Phi_{95}^4\ \Phi_{57}^3\ \Phi_{38}^4\ \Phi_{30}^2\ \Phi_{19}^4\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_{6}^2\ \Phi_{5}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
110198	1556	1107	$\frac{1}{41}$	$\frac{40}{369}$	$\frac{329}{1107}$	$\frac{1}{3}$	$\Phi_{1107}^2\ \Phi_{123}\ \Phi_{27}^2$
110199	1556	2580	$\frac{2}{129}$	$\frac{1}{5}$	$\frac{127}{516}$	$\frac{1}{3}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{860}\ \Phi_{430}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
110200	1556	1254	$\frac{1}{19}$	$\frac{29}{418}$	$\frac{9}{38}$	$\frac{1}{3}$	$\Phi_{1254}^2\ \Phi_{627}^2\ \Phi_{66}^2\ \Phi_{57}\ \Phi_{33}^2$
110201	1556	1980	$\frac{7}{396}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
110202	1556	492	$\frac{1}{41}$	$\frac{20}{123}$	$\frac{103}{492}$	$\frac{1}{3}$	$\Phi_{492}^4\ \Phi_{246}^4\ \Phi_{164}^4\ \Phi_{123}\ \Phi_{82}^4\ \Phi_{12}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{2}^4$
110203	1556	855	$\frac{1}{19}$	$\frac{77}{855}$	$\frac{18}{95}$	$\frac{1}{3}$	$\Phi_{855}^2\ \Phi_{285}\ \Phi_{171}^2\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{45}^2\ \Phi_{19}^2\ \Phi_{15}\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
110204	1556	1425	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{86}{475}$	$\frac{1}{3}$	$\Phi_{1425}^2\ \Phi_{75}^2\ \Phi_{57}$
110205	1556	456	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{67}{456}$	$\frac{1}{3}$	$\Phi_{456}^4\ \Phi_{228}^2\ \Phi_{152}^4\ \Phi_{114}^2\ \Phi_{76}^4\ \Phi_{57}^3\ \Phi_{38}^4\ \Phi_{24}^4\ \Phi_{19}^4\ \Phi_{12}^2\ \Phi_{8}^4\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
110206	1556	2340	$\frac{1}{39}$	$\frac{79}{468}$	$\frac{1}{5}$	$\frac{38}{117}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{130}\ \Phi_{90}\ \Phi_{65}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
110207	1556	2880	$\frac{5}{192}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{187}{576}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
110208	1556	450	$\frac{1}{30}$	$\frac{61}{450}$	$\frac{1}{5}$	$\frac{29}{90}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
110209	1556	570	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{181}{570}$	$\Phi_{570}^4\ \Phi_{285}^4\ \Phi_{114}^4\ \Phi_{57}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
110210	1556	405	$\frac{16}{405}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^4\ \Phi_{45}^2\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_{9}^2\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{1}^4$
110211	1556	2730	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{1}{5}$	$\frac{157}{546}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{390}\ \Phi_{210}\ \Phi_{195}\ \Phi_{130}\ \Phi_{105}\ \Phi_{65}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
110212	1556	540	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{1}{5}$	$\frac{151}{540}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{54}^4\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
110213	1556	480	$\frac{1}{30}$	$\frac{91}{480}$	$\frac{1}{5}$	$\frac{29}{120}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
110214	1556	510	$\frac{13}{255}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{121}{510}$	$\Phi_{510}^4\ \Phi_{255}^2\ \Phi_{170}^4\ \Phi_{102}^4\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{34}^4\ \Phi_{30}^4\ \Phi_{17}^2\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
110215	1556	2040	$\frac{19}{408}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{85}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
110216	1556	440	$\frac{4}{55}$	$\frac{51}{440}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{440}^4\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{88}^4\ \Phi_{44}^4\ \Phi_{40}^4\ \Phi_{22}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
110217	1556	420	$\frac{31}{420}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
110218	1556	480	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{91}{480}$	$\frac{1}{5}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^4\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{40}^3\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
110219	1556	450	$\frac{1}{15}$	$\frac{61}{450}$	$\frac{14}{75}$	$\frac{1}{5}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{50}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
110220	1556	2160	$\frac{43}{432}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
110221	1557	3104	$\frac{5}{1552}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1547}{3104}$	$\Phi_{3104}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
110222	1557	2080	$\frac{3}{520}$	$\frac{1}{4}$	$\frac{523}{2080}$	$\frac{517}{1040}$	$\Phi_{2080}\ \Phi_{520}\ \Phi_{416}\ \Phi_{260}\ \Phi_{160}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{32}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
110223	1557	688	$\frac{1}{172}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{171}{344}$	$\Phi_{688}^4\ \Phi_{344}\ \Phi_{16}^5\ \Phi_{8}\ \Phi_{1}$
110224	1557	344	$\frac{1}{172}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{171}{344}$	$\Phi_{344}^9\ \Phi_{8}^9\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
110225	1557	2060	$\frac{4}{515}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{511}{1030}$	$\Phi_{2060}\ \Phi_{515}\ \Phi_{412}\ \Phi_{103}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
110226	1557	208	$\frac{1}{104}$	$\frac{35}{208}$	$\frac{1}{4}$	$\frac{103}{208}$	$\Phi_{208}^6\ \Phi_{104}^9\ \Phi_{52}^9\ \Phi_{26}^9\ \Phi_{16}^6\ \Phi_{13}^9\ \Phi_{8}^9\ \Phi_{4}^8\ \Phi_{2}^8\ \Phi_{1}^9$
110227	1557	3080	$\frac{17}{1540}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1523}{3080}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{88}\ \Phi_{56}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
110228	1557	1710	$\frac{2}{171}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{169}{342}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{171}\ \Phi_{95}\ \Phi_{90}\ \Phi_{57}\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
110229	1557	1024	$\frac{7}{512}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{505}{1024}$	$\Phi_{1024}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
110230	1557	1160	$\frac{1}{58}$	$\frac{1}{10}$	$\frac{59}{232}$	$\frac{57}{116}$	$\Phi_{1160}^2\ \Phi_{290}^2\ \Phi_{232}\ \Phi_{145}^2\ \Phi_{58}\ \Phi_{40}^2\ \Phi_{29}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
110231	1557	340	$\frac{3}{170}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{167}{340}$	$\Phi_{340}^3\ \Phi_{170}^6\ \Phi_{85}^6\ \Phi_{68}^3\ \Phi_{34}^6\ \Phi_{20}^5\ \Phi_{17}^6\ \Phi_{10}^7\ \Phi_{5}^7\ \Phi_{4}^4\ \Phi_{2}^6\ \Phi_{1}^7$
110232	1557	676	$\frac{4}{169}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{165}{338}$	$\Phi_{676}^3\ \Phi_{169}^3\ \Phi_{52}^4\ \Phi_{26}\ \Phi_{13}^3\ \Phi_{4}^3\ \Phi_{1}^3$
110233	1557	3040	$\frac{37}{1520}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1483}{3040}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
110234	1557	560	$\frac{1}{40}$	$\frac{41}{560}$	$\frac{1}{4}$	$\frac{39}{80}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_{8}^3\ \Phi_{7}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
110235	1557	1664	$\frac{3}{104}$	$\frac{107}{1664}$	$\frac{1}{4}$	$\frac{101}{208}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{128}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
110236	1557	1680	$\frac{5}{168}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{163}{336}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}\ \Phi_{240}^2\ \Phi_{112}\ \Phi_{80}^2\ \Phi_{48}\ \Phi_{30}^2\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
110237	1557	3016	$\frac{49}{1508}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{1459}{3016}$	$\Phi_{3016}\ \Phi_{232}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
110238	1557	1000	$\frac{19}{500}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{481}{1000}$	$\Phi_{1000}^3\ \Phi_{200}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_{8}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
110239	1557	988	$\frac{1}{26}$	$\frac{25}{494}$	$\frac{1}{4}$	$\frac{469}{988}$	$\Phi_{988}\ \Phi_{494}^2\ \Phi_{247}^2\ \Phi_{76}\ \Phi_{52}^3\ \Phi_{38}^2\ \Phi_{26}^3\ \Phi_{19}^2\ \Phi_{13}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
110240	1557	2912	$\frac{3}{104}$	$\frac{101}{1456}$	$\frac{1}{4}$	$\frac{1355}{2912}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{224}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
110241	1557	1600	$\frac{43}{1600}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{64}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
110242	1557	320	$\frac{1}{40}$	$\frac{13}{160}$	$\frac{1}{4}$	$\frac{147}{320}$	$\Phi_{320}^9\ \Phi_{64}^9\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_{8}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
110243	1557	312	$\frac{1}{52}$	$\frac{17}{156}$	$\frac{1}{4}$	$\frac{139}{312}$	$\Phi_{312}^9\ \Phi_{104}^9\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{24}^9\ \Phi_{13}^3\ \Phi_{8}^9\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
110244	1557	2064	$\frac{1}{86}$	$\frac{1}{8}$	$\frac{85}{258}$	$\frac{7}{16}$	$\Phi_{2064}^2\ \Phi_{258}\ \Phi_{129}\ \Phi_{48}^2\ \Phi_{16}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
110245	1557	176	$\frac{3}{176}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{176}^9\ \Phi_{88}^9\ \Phi_{44}^9\ \Phi_{22}^9\ \Phi_{16}^6\ \Phi_{11}^9\ \Phi_{8}^9\ \Phi_{4}^8\ \Phi_{2}^8\ \Phi_{1}^9$
110246	1557	3440	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{42}{215}$	$\frac{7}{16}$	$\Phi_{3440}\ \Phi_{215}\ \Phi_{80}\ \Phi_{16}\ \Phi_{5}\ \Phi_{1}$
110247	1557	1820	$\frac{1}{65}$	$\frac{64}{455}$	$\frac{1}{4}$	$\frac{391}{910}$	$\Phi_{1820}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}^2\ \Phi_{140}\ \Phi_{130}\ \Phi_{91}\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{26}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
110248	1557	180	$\frac{7}{180}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{180}^9\ \Phi_{90}^9\ \Phi_{60}^7\ \Phi_{45}^9\ \Phi_{36}^9\ \Phi_{30}^9\ \Phi_{20}^7\ \Phi_{18}^9\ \Phi_{15}^9\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_{9}^9\ \Phi_{6}^9\ \Phi_{5}^8\ \Phi_{4}^8\ \Phi_{3}^9\ \Phi_{2}^8\ \Phi_{1}^9$
110249	1557	290	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{28}{145}$	$\frac{117}{290}$	$\Phi_{290}^5\ \Phi_{145}^6\ \Phi_{58}^5\ \Phi_{29}^5\ \Phi_{10}^4\ \Phi_{5}^5\ \Phi_{2}^4\ \Phi_{1}^5$
110250	1557	2600	$\frac{3}{260}$	$\frac{257}{1300}$	$\frac{1}{4}$	$\frac{1043}{2600}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{260}\ \Phi_{200}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
110251	1557	832	$\frac{1}{104}$	$\frac{103}{416}$	$\frac{1}{4}$	$\frac{313}{832}$	$\Phi_{832}^3\ \Phi_{104}^3\ \Phi_{64}^3\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
110252	1557	776	$\frac{5}{776}$	$\frac{1}{4}$	$\frac{257}{776}$	$\frac{3}{8}$	$\Phi_{776}^2\ \Phi_{388}^2\ \Phi_{194}^2\ \Phi_{97}^2\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
110253	1557	1568	$\frac{11}{1568}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{224}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
110254	1557	260	$\frac{1}{130}$	$\frac{1}{4}$	$\frac{43}{130}$	$\frac{87}{260}$	$\Phi_{260}^5\ \Phi_{130}^7\ \Phi_{65}^7\ \Phi_{52}^5\ \Phi_{26}^7\ \Phi_{20}^5\ \Phi_{13}^7\ \Phi_{10}^7\ \Phi_{5}^7\ \Phi_{4}^4\ \Phi_{2}^6\ \Phi_{1}^7$
110255	1557	1140	$\frac{2}{57}$	$\frac{1}{10}$	$\frac{55}{228}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}\ \Phi_{380}^2\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}^2\ \Phi_{57}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
110256	1557	180	$\frac{7}{180}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^9\ \Phi_{90}^8\ \Phi_{60}^9\ \Phi_{45}^8\ \Phi_{36}^9\ \Phi_{30}^9\ \Phi_{20}^9\ \Phi_{18}^8\ \Phi_{15}^9\ \Phi_{12}^9\ \Phi_{10}^8\ \Phi_{9}^9\ \Phi_{6}^9\ \Phi_{5}^8\ \Phi_{4}^9\ \Phi_{3}^9\ \Phi_{2}^8\ \Phi_{1}^9$
110257	1557	516	$\frac{1}{86}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{85}{258}$	$\Phi_{516}^4\ \Phi_{258}^5\ \Phi_{129}^5\ \Phi_{12}^4\ \Phi_{6}^5\ \Phi_{4}^2\ \Phi_{3}^5\ \Phi_{2}^2\ \Phi_{1}^3$
110258	1557	208	$\frac{1}{52}$	$\frac{35}{208}$	$\frac{1}{4}$	$\frac{17}{52}$	$\Phi_{208}^9\ \Phi_{104}^9\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{16}^9\ \Phi_{13}^3\ \Phi_{8}^9\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
110259	1557	200	$\frac{1}{40}$	$\frac{27}{200}$	$\frac{1}{4}$	$\frac{13}{40}$	$\Phi_{200}^9\ \Phi_{100}^9\ \Phi_{50}^9\ \Phi_{40}^3\ \Phi_{25}^9\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_{8}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
110260	1557	256	$\frac{7}{256}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{83}{256}$	$\Phi_{256}^6\ \Phi_{128}^6\ \Phi_{64}^6\ \Phi_{32}^6\ \Phi_{16}^6\ \Phi_{8}^9\ \Phi_{4}^8\ \Phi_{2}^8\ \Phi_{1}^9$
110261	1557	760	$\frac{37}{760}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{241}{760}$	$\Phi_{760}^2\ \Phi_{380}^2\ \Phi_{190}^2\ \Phi_{152}^2\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{40}^3\ \Phi_{38}^2\ \Phi_{20}^3\ \Phi_{19}^2\ \Phi_{10}^3\ \Phi_{8}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
110262	1557	1260	$\frac{5}{84}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{79}{252}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}\ \Phi_{180}^2\ \Phi_{126}\ \Phi_{90}^2\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
110263	1557	364	$\frac{9}{182}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{364}^6\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{52}^4\ \Phi_{28}^6\ \Phi_{26}\ \Phi_{14}^3\ \Phi_{13}^3\ \Phi_{7}^3\ \Phi_{4}^3\ \Phi_{1}^3$
110264	1557	180	$\frac{7}{180}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{180}^9\ \Phi_{90}^9\ \Phi_{60}^9\ \Phi_{45}^9\ \Phi_{36}^9\ \Phi_{30}^9\ \Phi_{20}^5\ \Phi_{18}^9\ \Phi_{15}^9\ \Phi_{12}^9\ \Phi_{10}^7\ \Phi_{9}^9\ \Phi_{6}^9\ \Phi_{5}^7\ \Phi_{4}^4\ \Phi_{3}^9\ \Phi_{2}^6\ \Phi_{1}^7$
110265	1557	728	$\frac{3}{104}$	$\frac{101}{728}$	$\frac{1}{4}$	$\frac{209}{728}$	$\Phi_{728}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{104}^3\ \Phi_{91}^2\ \Phi_{56}^2\ \Phi_{52}^3\ \Phi_{28}^2\ \Phi_{26}^3\ \Phi_{14}^2\ \Phi_{13}^3\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
110266	1557	240	$\frac{1}{40}$	$\frac{13}{80}$	$\frac{1}{4}$	$\frac{67}{240}$	$\Phi_{240}^9\ \Phi_{120}^9\ \Phi_{60}^9\ \Phi_{48}^9\ \Phi_{40}^3\ \Phi_{30}^9\ \Phi_{24}^9\ \Phi_{20}^3\ \Phi_{15}^9\ \Phi_{12}^9\ \Phi_{10}^3\ \Phi_{8}^3\ \Phi_{6}^9\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{3}^9\ \Phi_{2}^2\ \Phi_{1}^3$
110267	1557	176	$\frac{3}{176}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{176}^9\ \Phi_{88}^9\ \Phi_{44}^9\ \Phi_{22}^9\ \Phi_{16}^9\ \Phi_{11}^9\ \Phi_{8}^9\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
110268	1557	688	$\frac{3}{172}$	$\frac{169}{688}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{688}^3\ \Phi_{344}^3\ \Phi_{16}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
110269	1557	860	$\frac{1}{43}$	$\frac{42}{215}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{860}^2\ \Phi_{430}^2\ \Phi_{215}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
110270	1557	640	$\frac{1}{40}$	$\frac{121}{640}$	$\frac{39}{160}$	$\frac{1}{4}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_{8}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
110271	1557	680	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{161}{680}$	$\frac{1}{4}$	$\Phi_{680}^3\ \Phi_{340}\ \Phi_{170}^2\ \Phi_{136}^3\ \Phi_{85}^2\ \Phi_{68}\ \Phi_{40}^3\ \Phi_{34}^2\ \Phi_{20}^3\ \Phi_{17}^2\ \Phi_{10}^3\ \Phi_{8}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
110272	1557	676	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{157}{676}$	$\frac{1}{4}$	$\Phi_{676}^2\ \Phi_{338}^2\ \Phi_{169}^3\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
110273	1557	544	$\frac{25}{544}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{544}^3\ \Phi_{272}^3\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
110274	1557	200	$\frac{1}{20}$	$\frac{27}{200}$	$\frac{19}{100}$	$\frac{1}{4}$	$\Phi_{200}^9\ \Phi_{100}^6\ \Phi_{50}^6\ \Phi_{40}^9\ \Phi_{25}^6\ \Phi_{20}^9\ \Phi_{10}^9\ \Phi_8^9\ \Phi_5^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
110275	1557	640	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{121}{640}$	$\frac{1}{4}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
110276	1557	560	$\frac{41}{560}$	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^2\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
110277	1557	1760	$\frac{17}{220}$	$\frac{203}{1760}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}\ \Phi_{88}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
110278	1557	192	$\frac{19}{192}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{192}^9\ \Phi_{96}^9\ \Phi_{64}^6\ \Phi_{48}^9\ \Phi_{32}^6\ \Phi_{24}^9\ \Phi_{16}^6\ \Phi_{12}^9\ \Phi_8^9\ \Phi_6^9\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
110279	1557	960	$\frac{19}{192}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}\ \Phi_{160}^2\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
110280	1557	210	$\frac{1}{10}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{210}$	$\Phi_{210}^7\ \Phi_{105}^7\ \Phi_{70}^7\ \Phi_{42}^8\ \Phi_{35}^7\ \Phi_{30}^9\ \Phi_{21}^8\ \Phi_{15}^9\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_7^8\ \Phi_6^9\ \Phi_5^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
110281	1558	1554	$\frac{2}{777}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{775}{1554}$	$\Phi_{1554}^2\ \Phi_{518}^2\ \Phi_{222}^2\ \Phi_{74}^2\ \Phi_{42}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110282	1558	3120	$\frac{1}{260}$	$\frac{261}{1040}$	$\frac{1}{3}$	$\frac{259}{520}$	$\Phi_{3120}\ \Phi_{780}\ \Phi_{624}\ \Phi_{390}\ \Phi_{240}\ \Phi_{195}\ \Phi_{156}\ \Phi_{78}\ \Phi_{60}\ \Phi_{48}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
110283	1558	4656	$\frac{3}{776}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{773}{1552}$	$\Phi_{4656}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
110284	1558	4650	$\frac{4}{775}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{771}{1550}$	$\Phi_{4650}\ \Phi_{930}\ \Phi_{186}\ \Phi_{150}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
110285	1558	1384	$\frac{1}{173}$	$\frac{87}{692}$	$\frac{605}{1384}$	$\frac{86}{173}$	$\Phi_{1384}^2\ \Phi_{173}\ \Phi_8^2\ \Phi_1^2$
110286	1558	1038	$\frac{1}{173}$	$\frac{259}{1038}$	$\frac{87}{346}$	$\frac{86}{173}$	$\Phi_{1038}^2\ \Phi_{519}^2\ \Phi_{173}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
110287	1558	936	$\frac{1}{156}$	$\frac{157}{936}$	$\frac{1}{3}$	$\frac{155}{312}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110288	1558	1548	$\frac{5}{774}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{769}{1548}$	$\Phi_{1548}^2\ \Phi_{516}^2\ \Phi_{172}^2\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
110289	1558	1548	$\frac{5}{774}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{769}{1548}$	$\Phi_{1548}^2\ \Phi_{516}^2\ \Phi_{172}^2\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110290	1558	1545	$\frac{13}{1545}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{766}{1545}$	$\Phi_{1545}\ \Phi_{515}\ \Phi_{309}\ \Phi_{103}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
110291	1558	4620	$\frac{9}{770}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{761}{1540}$	$\Phi_{4620}\ \Phi_{924}\ \Phi_{660}\ \Phi_{420}\ \Phi_{132}\ \Phi_{84}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
110292	1558	324	$\frac{1}{81}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{40}{81}$	$\Phi_{324}^9\ \Phi_{108}^9\ \Phi_{81}\ \Phi_{36}^{10}\ \Phi_{27}\ \Phi_{12}^{10}\ \Phi_9\ \Phi_4^{10}\ \Phi_3\ \Phi_1^2$
110293	1558	567	$\frac{1}{81}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{40}{81}$	$\Phi_{567}^3\ \Phi_{189}^3\ \Phi_{81}\ \Phi_{63}^3\ \Phi_{27}\ \Phi_{21}^4\ \Phi_9\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
110294	1558	81	$\frac{1}{81}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{40}{81}$	$\Phi_{81}^{19}\ \Phi_{27}^{20}\ \Phi_9^{19}\ \Phi_3^{19}\ \Phi_1^{20}$
110295	1558	648	$\frac{1}{81}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{40}{81}$	$\Phi_{648}^3\ \Phi_{324}^3\ \Phi_{216}^3\ \Phi_{108}^3\ \Phi_{81}\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{27}\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_9\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
110296	1558	1536	$\frac{11}{768}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{757}{1536}$	$\Phi_{1536}^2\ \Phi_{512}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110297	1558	1044	$\frac{4}{261}$	$\frac{1}{9}$	$\frac{265}{1044}$	$\frac{257}{522}$	$\Phi_{1044}^2\ \Phi_{348}^2\ \Phi_{261}^2\ \Phi_{116}^2\ \Phi_{87}^2\ \Phi_{36}^2\ \Phi_{29}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
110298	1558	4602	$\frac{12}{767}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{755}{1534}$	$\Phi_{4602}\ \Phi_{354}\ \Phi_{78}\ \Phi_{39}\ \Phi_6$
110299	1558	840	$\frac{1}{60}$	$\frac{61}{840}$	$\frac{1}{3}$	$\frac{59}{120}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110300	1558	1530	$\frac{14}{765}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{751}{1530}$	$\Phi_{1530}^2\ \Phi_{510}^2\ \Phi_{306}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{90}^2\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110301	1558	2496	$\frac{1}{52}$	$\frac{53}{832}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{192}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
110302	1558	1521	$\frac{37}{1521}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{742}{1521}$	$\Phi_{1521}\ \Phi_{507}\ \Phi_{169}\ \Phi_{117}\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
110303	1558	2960	$\frac{1}{40}$	$\frac{1}{37}$	$\frac{18}{37}$	$\frac{39}{80}$	$\Phi_{2960}\ \Phi_{592}\ \Phi_{80}^2\ \Phi_{37}\ \Phi_{16}^2\ \Phi_1^2$
110304	1558	240	$\frac{1}{40}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{240}^{19}\ \Phi_{60}\ \Phi_{48}^{19}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
110305	1558	2220	$\frac{1}{37}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{18}{37}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{555}\ \Phi_{444}\ \Phi_{222}\ \Phi_{111}\ \Phi_{60}^2\ \Phi_{37}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
110306	1558	1628	$\frac{1}{37}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{18}{37}$	$\Phi_{1628}\ \Phi_{814}\ \Phi_{407}\ \Phi_{44}^2\ \Phi_{37}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_1^2$
110307	1558	1665	$\frac{1}{37}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{18}{37}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{333}\ \Phi_{111}\ \Phi_{45}^2\ \Phi_{37}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
110308	1558	1850	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{18}{37}$	$\Phi_{1850}\ \Phi_{925}\ \Phi_{50}^2\ \Phi_{37}\ \Phi_{25}^2\ \Phi_1^2$
110309	1558	1776	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{18}{37}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{592}\ \Phi_{444}\ \Phi_{222}\ \Phi_{111}\ \Phi_{48}^2\ \Phi_{37}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
110310	1558	1512	$\frac{23}{756}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{733}{1512}$	$\Phi_{1512}^2\ \Phi_{504}^2\ \Phi_{216}^2\ \Phi_{168}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
110311	1558	4524	$\frac{25}{754}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{729}{1508}$	$\Phi_{4524}\ \Phi_{348}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
110312	1558	1500	$\frac{1}{30}$	$\frac{29}{750}$	$\frac{1}{3}$	$\frac{721}{1500}$	$\Phi_{1500}^2\ \Phi_{500}^2\ \Phi_{300}^2\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110313	1558	2400	$\frac{21}{800}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
110314	1558	78	$\frac{1}{39}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{78}^{38}\ \Phi_{39}^2\ \Phi_{26}^{38}\ \Phi_{13}^2\ \Phi_6^{38}\ \Phi_3\ \Phi_2^{38}\ \Phi_1^2$
110315	1558	252	$\frac{1}{42}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{252}^{12}\ \Phi_{84}^{12}\ \Phi_{42}^2\ \Phi_{36}^{10}\ \Phi_{28}^{12}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^{10}\ \Phi_7^2\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110316	1558	108	$\frac{1}{27}$	$\frac{1}{18}$	$\frac{13}{54}$	$\frac{17}{36}$	$\Phi_{108}^{27}\ \Phi_{54}^2\ \Phi_{36}^{28}\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{12}^{28}\ \Phi_9\ \Phi_6^2\ \Phi_4^{28}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110317	1558	180	$\frac{1}{18}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{17}{36}$	$\Phi_{180}^{18}\ \Phi_{60}^{18}\ \Phi_{45}^2\ \Phi_{36}^{10}\ \Phi_{20}^{18}\ \Phi_{15}^2\ \Phi_{12}^{10}\ \Phi_9\ \Phi_5^2\ \Phi_4^{10}\ \Phi_3\ \Phi_1^2$
110318	1558	4368	$\frac{1}{52}$	$\frac{51}{728}$	$\frac{1}{3}$	$\frac{677}{1456}$	$\Phi_{4368}\ \Phi_{624}\ \Phi_{336}\ \Phi_{156}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
110319	1558	2184	$\frac{1}{39}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{182}\ \Phi_{168}\ \Phi_{104}\ \Phi_{91}\ \Phi_{78}\ \Phi_{42}\ \Phi_{26}\ \Phi_{24}\ \Phi_{21}\ \Phi_6$
110320	1558	546	$\frac{1}{42}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{546}^3\ \Phi_{273}^3\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{78}^3\ \Phi_{42}^2\ \Phi_{39}^3\ \Phi_{26}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
110321	1558	1440	$\frac{1}{60}$	$\frac{59}{720}$	$\frac{1}{3}$	$\frac{661}{1440}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{60}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110322	1558	792	$\frac{13}{792}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110323	1558	4290	$\frac{1}{65}$	$\frac{64}{715}$	$\frac{1}{3}$	$\frac{651}{1430}$	$\Phi_{4290}\ \Phi_{858}\ \Phi_{390}\ \Phi_{330}\ \Phi_{195}\ \Phi_{78}\ \Phi_{66}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
110324	1558	1404	$\frac{1}{78}$	$\frac{77}{702}$	$\frac{1}{3}$	$\frac{625}{1404}$	$\Phi_{1404}^2\ \Phi_{468}^2\ \Phi_{156}^2\ \Phi_{108}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110325	1558	1161	$\frac{5}{387}$	$\frac{1}{9}$	$\frac{382}{1161}$	$\frac{4}{9}$	$\Phi_{1161}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
110326	1558	792	$\frac{13}{792}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
110327	1558	936	$\frac{1}{39}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{936}^3\ \Phi_{312}^3\ \Phi_{104}^3\ \Phi_{78}^3\ \Phi_{72}^2\ \Phi_{39}^3\ \Phi_{26}^3\ \Phi_{24}^2\ \Phi_{13}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110328	1558	1365	$\frac{2}{195}$	$\frac{193}{1365}$	$\frac{1}{3}$	$\frac{586}{1365}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}^2\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
110329	1558	810	$\frac{31}{810}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{81}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
110330	1558	624	$\frac{1}{39}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{104}^3\ \Phi_{78}^3\ \Phi_{48}^2\ \Phi_{39}^3\ \Phi_{26}^3\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110331	1558	2730	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{2730}\ \Phi_{910}\ \Phi_{546}\ \Phi_{390}\ \Phi_{273}\ \Phi_{210}\ \Phi_{182}\ \Phi_{130}\ \Phi_{91}\ \Phi_{78}\ \Phi_{42}\ \Phi_{30}\ \Phi_{26}\ \Phi_{21}\ \Phi_6$
110332	1558	2656	$\frac{1}{83}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{2656}\ \Phi_{332}\ \Phi_{166}$
110333	1558	1305	$\frac{8}{261}$	$\frac{1}{9}$	$\frac{253}{1305}$	$\frac{526}{1305}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}^2\ \Phi_{145}\ \Phi_{87}^2\ \Phi_{45}\ \Phi_{29}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
110334	1558	3900	$\frac{1}{130}$	$\frac{129}{650}$	$\frac{1}{3}$	$\frac{521}{1300}$	$\Phi_{3900}\ \Phi_{780}\ \Phi_{390}\ \Phi_{300}\ \Phi_{195}\ \Phi_{156}\ \Phi_{78}\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
110335	1558	1248	$\frac{1}{156}$	$\frac{155}{624}$	$\frac{1}{3}$	$\frac{469}{1248}$	$\Phi_{1248}^2\ \Phi_{416}^2\ \Phi_{156}^2\ \Phi_{96}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{32}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110336	1558	2352	$\frac{5}{784}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
110337	1558	1992	$\frac{1}{83}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1992}\ \Phi_{996}\ \Phi_{498}\ \Phi_{332}\ \Phi_{249}\ \Phi_{166}$
110338	1558	2490	$\frac{1}{83}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{2490}\ \Phi_{830}\ \Phi_{498}\ \Phi_{415}\ \Phi_{166}$
110339	1558	1170	$\frac{1}{195}$	$\frac{194}{585}$	$\frac{1}{3}$	$\frac{391}{1170}$	$\Phi_{1170}^2\ \Phi_{390}^2\ \Phi_{234}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{90}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110340	1558	888	$\frac{2}{111}$	$\frac{109}{888}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{888}^2\ \Phi_{444}^2\ \Phi_{296}^2\ \Phi_{222}^2\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110341	1558	42	$\frac{1}{42}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{42}^{38}\ \Phi_{21}^{36}\ \Phi_{14}^{38}\ \Phi_7^{36}\ \Phi_6^{38}\ \Phi_3^{37}\ \Phi_2^{38}\ \Phi_1^{38}$
110342	1558	1164	$\frac{3}{388}$	$\frac{1}{4}$	$\frac{385}{1164}$	$\frac{1}{3}$	$\Phi_{1164}\ \Phi_{582}\ \Phi_{388}^2\ \Phi_{291}\ \Phi_{194}^2\ \Phi_{97}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110343	1558	936	$\frac{1}{78}$	$\frac{157}{936}$	$\frac{77}{234}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110344	1558	900	$\frac{1}{60}$	$\frac{121}{900}$	$\frac{59}{180}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110345	1558	1152	$\frac{11}{384}$	$\frac{1}{12}$	$\frac{373}{1152}$	$\frac{1}{3}$	$\Phi_{1152}^2\ \Phi_{576}^2\ \Phi_{288}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110346	1558	60	$\frac{1}{20}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{60}^{20}\ \Phi_{30}^{20}\ \Phi_{20}^{38}\ \Phi_{15}^{20}\ \Phi_{12}^{20}\ \Phi_{10}^{38}\ \Phi_6^{20}\ \Phi_5^{38}\ \Phi_4^{38}\ \Phi_3^{19}\ \Phi_2^{38}\ \Phi_1^{38}$
110347	1558	819	$\frac{40}{819}$	$\frac{2}{39}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{819}^2\ \Phi_{273}^2\ \Phi_{117}\ \Phi_{91}^2\ \Phi_{63}^2\ \Phi_{39}^2\ \Phi_{21}^2\ \Phi_{13}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
110348	1558	810	$\frac{31}{810}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110349	1558	378	$\frac{1}{42}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{378}^6\ \Phi_{189}^6\ \Phi_{54}^6\ \Phi_{42}^2\ \Phi_{27}^4\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110350	1558	1092	$\frac{1}{52}$	$\frac{51}{364}$	$\frac{313}{1092}$	$\frac{1}{3}$	$\Phi_{1092}\ \Phi_{546}\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{156}^2\ \Phi_{91}^2\ \Phi_{84}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{42}\ \Phi_{39}^2\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110351	1558	1080	$\frac{1}{60}$	$\frac{59}{360}$	$\frac{301}{1080}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110352	1558	792	$\frac{13}{792}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110353	1558	660	$\frac{1}{20}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{165}^4\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{60}\ \Phi_{33}^3\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
110354	1558	960	$\frac{1}{60}$	$\frac{181}{960}$	$\frac{59}{240}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110355	1558	1032	$\frac{5}{258}$	$\frac{1}{6}$	$\frac{253}{1032}$	$\frac{1}{3}$	$\Phi_{1032}^2\ \Phi_{516}^2\ \Phi_{344}^2\ \Phi_{172}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110356	1558	378	$\frac{1}{27}$	$\frac{2}{21}$	$\frac{13}{54}$	$\frac{1}{3}$	$\Phi_{378}^6\ \Phi_{189}^3\ \Phi_{126}^6\ \Phi_{63}^3\ \Phi_{54}^2\ \Phi_{42}^6\ \Phi_{27}\ \Phi_{21}^4\ \Phi_{18}^2\ \Phi_{14}^6\ \Phi_9\ \Phi_7^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110357	1558	1020	$\frac{14}{255}$	$\frac{1}{15}$	$\frac{241}{1020}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{204}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110358	1558	1014	$\frac{2}{39}$	$\frac{37}{507}$	$\frac{235}{1014}$	$\frac{1}{3}$	$\Phi_{1014}^2\ \Phi_{507}\ \Phi_{338}^2\ \Phi_{169}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110359	1558	816	$\frac{37}{816}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110360	1558	630	$\frac{1}{42}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{105}^3\ \Phi_{90}^3\ \Phi_{70}^3\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110361	1558	168	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{168}^{12}\ \Phi_{84}^{12}\ \Phi_{56}^{12}\ \Phi_{42}^2\ \Phi_{28}^{12}\ \Phi_{24}^{10}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_7^2\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110362	1558	930	$\frac{4}{155}$	$\frac{151}{930}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{930}^2\ \Phi_{465}\ \Phi_{310}^2\ \Phi_{186}^2\ \Phi_{155}^2\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110363	1558	2400	$\frac{21}{800}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
110364	1558	180	$\frac{1}{20}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^6\ \Phi_{45}^8\ \Phi_{36}^{10}\ \Phi_{30}^6\ \Phi_{20}^{10}\ \Phi_{18}^{10}\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_{10}^{10}\ \Phi_9^8\ \Phi_6^6\ \Phi_5^8\ \Phi_4^{10}\ \Phi_3^4\ \Phi_2^{10}\ \Phi_1^8$
110365	1558	900	$\frac{1}{30}$	$\frac{121}{900}$	$\frac{29}{150}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110366	1558	960	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{181}{960}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
110367	1558	300	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{300}^{10}\ \Phi_{150}^{9}\ \Phi_{75}^{9}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
110368	1558	240	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{240}^{8}\ \Phi_{120}^{4}\ \Phi_{80}^{8}\ \Phi_{60}^{5}\ \Phi_{48}^{6}\ \Phi_{40}^{8}\ \Phi_{30}^{5}\ \Phi_{24}^{3}\ \Phi_{20}^{8}\ \Phi_{16}^{6}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{10}^{8}\ \Phi_{8}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{8}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
110369	1558	189	$\frac{2}{27}$	$\frac{2}{21}$	$\frac{25}{189}$	$\frac{1}{3}$	$\Phi_{189}^{8}\ \Phi_{63}^{8}\ \Phi_{27}^{9}\ \Phi_{21}^{9}\ \Phi_{9}^{9}\ \Phi_{7}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
110370	1558	840	$\frac{61}{840}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{3}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}\ \Phi_{168}^{2}\ \Phi_{140}^{2}\ \Phi_{120}^{2}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
110371	1558	2640	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{880}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{264}\ \Phi_{240}\ \Phi_{132}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
110372	1558	864	$\frac{1}{12}$	$\frac{85}{864}$	$\frac{11}{96}$	$\frac{1}{3}$	$\Phi_{864}^{2}\ \Phi_{432}^{2}\ \Phi_{288}^{2}\ \Phi_{216}^{2}\ \Phi_{144}^{2}\ \Phi_{108}^{2}\ \Phi_{72}^{2}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
110373	1558	315	$\frac{4}{45}$	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{63}^{3}\ \Phi_{45}^{2}\ \Phi_{35}^{6}\ \Phi_{21}^{4}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{7}^{4}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
110374	1558	1134	$\frac{23}{378}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{355}{1134}$	$\Phi_{1134}^{2}\ \Phi_{567}^{2}\ \Phi_{162}^{2}\ \Phi_{81}^{2}\ \Phi_{27}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
110375	1558	54	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{13}{54}$	$\frac{8}{27}$	$\Phi_{54}^{38}\ \Phi_{27}^{20}\ \Phi_{18}^{38}\ \Phi_{9}^{19}\ \Phi_{6}^{38}\ \Phi_{3}^{19}\ \Phi_{2}^{38}\ \Phi_{1}^{20}$
110376	1558	810	$\frac{31}{810}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{810}^{2}\ \Phi_{405}^{2}\ \Phi_{270}^{2}\ \Phi_{162}^{2}\ \Phi_{135}^{2}\ \Phi_{90}^{2}\ \Phi_{81}\ \Phi_{54}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{9}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
110377	1558	135	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{135}^{18}\ \Phi_{45}^{2}\ \Phi_{27}^{10}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
110378	1558	702	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{702}^{3}\ \Phi_{351}^{3}\ \Phi_{78}^{3}\ \Phi_{54}^{2}\ \Phi_{39}^{2}\ \Phi_{27}^{2}\ \Phi_{26}^{3}\ \Phi_{13}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
110379	1558	216	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{13}{54}$	$\Phi_{216}^{9}\ \Phi_{108}^{9}\ \Phi_{72}^{9}\ \Phi_{54}^{2}\ \Phi_{36}^{9}\ \Phi_{27}\ \Phi_{24}^{10}\ \Phi_{18}^{2}\ \Phi_{12}^{10}\ \Phi_{9}\ \Phi_{8}^{10}\ \Phi_{6}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
110380	1558	45	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{7}{45}$	$\frac{2}{9}$	$\Phi_{45}^{34}\ \Phi_{15}^{34}\ \Phi_{9}^{37}\ \Phi_{5}^{34}\ \Phi_{3}^{37}\ \Phi_{1}^{38}$
110381	1558	864	$\frac{85}{864}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{108}$	$\Phi_{864}^{2}\ \Phi_{432}^{2}\ \Phi_{288}^{2}\ \Phi_{216}^{2}\ \Phi_{144}^{2}\ \Phi_{96}^{2}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{32}^{2}\ \Phi_{27}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
110382	1558	360	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{6}\ \Phi_{72}^{3}\ \Phi_{60}^{6}\ \Phi_{45}^{2}\ \Phi_{40}^{6}\ \Phi_{36}^{3}\ \Phi_{24}^{4}\ \Phi_{20}^{6}\ \Phi_{15}^{2}\ \Phi_{12}^{4}\ \Phi_{9}\ \Phi_{8}^{4}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
110383	1558	945	$\frac{1}{9}$	$\frac{23}{189}$	$\frac{4}{27}$	$\frac{166}{945}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{135}^{2}\ \Phi_{105}^{2}\ \Phi_{45}^{2}\ \Phi_{35}^{2}\ \Phi_{27}^{2}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
110384	1559	2952	$\frac{1}{82}$	$\frac{83}{1476}$	$\frac{1393}{2952}$	$\frac{81}{164}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{328}\ \Phi_{164}\ \Phi_{72}\ \Phi_{24}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
110385	1559	1968	$\frac{1}{82}$	$\frac{83}{492}$	$\frac{409}{1968}$	$\frac{81}{164}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{328}\ \Phi_{164}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
110386	1559	3040	$\frac{39}{1520}$	$\frac{1}{38}$	$\frac{37}{76}$	$\frac{1481}{3040}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{160}\ \Phi_{76}\ \Phi_{32}\ \Phi_{4}\ \Phi_{1}$
110387	1559	2280	$\frac{1}{38}$	$\frac{39}{760}$	$\frac{721}{2280}$	$\frac{37}{76}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{120}\ \Phi_{114}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
110388	1559	1672	$\frac{1}{38}$	$\frac{113}{1672}$	$\frac{39}{152}$	$\frac{37}{76}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{418}\ \Phi_{209}\ \Phi_{88}\ \Phi_{76}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
110389	1559	1900	$\frac{1}{38}$	$\frac{39}{380}$	$\frac{341}{1900}$	$\frac{37}{76}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{475}\ \Phi_{100}\ \Phi_{76}\ \Phi_{50}\ \Phi_{25}\ \Phi_{4}\ \Phi_{1}$
110390	1559	1824	$\frac{1}{38}$	$\frac{39}{304}$	$\frac{265}{1824}$	$\frac{37}{76}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
110391	1559	2964	$\frac{1}{38}$	$\frac{77}{1482}$	$\frac{37}{114}$	$\frac{1405}{2964}$	$\Phi_{2964}\ \Phi_{988}\ \Phi_{228}\ \Phi_{156}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{52}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
110392	1559	2952	$\frac{1}{41}$	$\frac{83}{1476}$	$\frac{40}{123}$	$\frac{1393}{2952}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{328}\ \Phi_{123}\ \Phi_{72}\ \Phi_{24}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
110393	1559	2128	$\frac{1}{38}$	$\frac{37}{532}$	$\frac{569}{2128}$	$\frac{495}{1064}$	$\Phi_{2128}\ \Phi_{532}\ \Phi_{304}\ \Phi_{266}\ \Phi_{133}\ \Phi_{112}\ \Phi_{76}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
110394	1559	2132	$\frac{1}{41}$	$\frac{40}{533}$	$\frac{573}{2132}$	$\frac{493}{1066}$	$\Phi_{2132}\ \Phi_{533}\ \Phi_{164}\ \Phi_{52}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
110395	1559	2736	$\frac{1}{38}$	$\frac{191}{1368}$	$\frac{37}{228}$	$\frac{1177}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{228}\ \Phi_{144}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
110396	1559	1824	$\frac{1}{38}$	$\frac{265}{1824}$	$\frac{37}{228}$	$\frac{191}{456}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{304}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
110397	1559	2660	$\frac{1}{38}$	$\frac{37}{266}$	$\frac{229}{1330}$	$\frac{1101}{2660}$	$\Phi_{2660}\ \Phi_{532}\ \Phi_{380}\ \Phi_{266}\ \Phi_{140}\ \Phi_{133}\ \Phi_{76}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
110398	1559	2624	$\frac{1}{82}$	$\frac{247}{1312}$	$\frac{81}{328}$	$\frac{1065}{2624}$	$\Phi_{2624}\ \Phi_{328}\ \Phi_{164}\ \Phi_{64}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
110399	1559	1968	$\frac{1}{82}$	$\frac{409}{1968}$	$\frac{81}{328}$	$\frac{247}{656}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{492}\ \Phi_{328}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
110400	1559	2460	$\frac{1}{82}$	$\frac{81}{410}$	$\frac{329}{1230}$	$\frac{901}{2460}$	$\Phi_{2460}\ \Phi_{820}\ \Phi_{492}\ \Phi_{410}\ \Phi_{205}\ \Phi_{164}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
110401	1559	1722	$\frac{1}{41}$	$\frac{163}{1722}$	$\frac{40}{123}$	$\frac{83}{246}$	$\Phi_{1722}\ \Phi_{861}\ \Phi_{574}\ \Phi_{287}\ \Phi_{123}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
110402	1559	2214	$\frac{1}{41}$	$\frac{83}{738}$	$\frac{655}{2214}$	$\frac{40}{123}$	$\Phi_{2214}\ \Phi_{1107}\ \Phi_{123}\ \Phi_{54}\ \Phi_{27}\ \Phi_{3}\ \Phi_{1}$
110403	1559	1845	$\frac{1}{41}$	$\frac{286}{1845}$	$\frac{83}{369}$	$\frac{40}{123}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{205}\ \Phi_{123}\ \Phi_{45}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
110404	1559	1968	$\frac{1}{41}$	$\frac{83}{492}$	$\frac{409}{1968}$	$\frac{40}{123}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{328}\ \Phi_{123}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
110405	1559	2052	$\frac{1}{38}$	$\frac{37}{228}$	$\frac{493}{2052}$	$\frac{191}{684}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{513}\ \Phi_{228}\ \Phi_{114}\ \Phi_{108}\ \Phi_{76}\ \Phi_{57}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
110406	1560	1167	$\frac{1}{389}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{194}{389}$	$\Phi_{1167}\ \Phi_{389}^2\ \Phi_{3}^2\ \Phi_{1}^4$
110407	1560	1559	$\frac{5}{1559}$	$\frac{391}{1559}$	$\frac{584}{1559}$	$\frac{777}{1559}$	$\Phi_{1559}\ \Phi_{1}^2$
110408	1560	2488	$\frac{1}{311}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{155}{311}$	$\Phi_{2488}\ \Phi_{311}\ \Phi_{8}^2\ \Phi_{1}^2$
110409	1560	2343	$\frac{3}{781}$	$\frac{196}{781}$	$\frac{1}{3}$	$\frac{389}{781}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{33}$
110410	1560	1295	$\frac{1}{259}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{129}{259}$	$\Phi_{1295}\ \Phi_{259}^2\ \Phi_{185}\ \Phi_{37}^2\ \Phi_{35}\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
110411	1560	3108	$\frac{1}{259}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{129}{259}$	$\Phi_{3108}\ \Phi_{1554}\ \Phi_{444}\ \Phi_{222}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_{6}^2$
110412	1560	1559	$\frac{7}{1559}$	$\frac{261}{1559}$	$\frac{649}{1559}$	$\frac{776}{1559}$	$\Phi_{1559}\ \Phi_{1}^2$
110413	1560	2716	$\frac{1}{194}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{193}{388}$	$\Phi_{2716}\ \Phi_{388}^2\ \Phi_{28}\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
110414	1560	5820	$\frac{1}{194}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{193}{388}$	$\Phi_{5820}\ \Phi_{60}\ \Phi_{15}$
110415	1560	2084	$\frac{3}{521}$	$\frac{1}{4}$	$\frac{131}{521}$	$\frac{259}{521}$	$\Phi_{2084}\ \Phi_{1042}$
110416	1560	1559	$\frac{9}{1559}$	$\frac{389}{1559}$	$\frac{392}{1559}$	$\frac{775}{1559}$	$\Phi_{1559}\ \Phi_{1}^2$
110417	1560	2343	$\frac{5}{781}$	$\frac{131}{781}$	$\frac{1}{3}$	$\frac{388}{781}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{33}$
110418	1560	1395	$\frac{1}{155}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{77}{155}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}\ \Phi_{155}^2\ \Phi_{93}\ \Phi_{45}\ \Phi_{31}^2\ \Phi_{15}\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
110419	1560	930	$\frac{1}{155}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{77}{155}$	$\Phi_{930}^2\ \Phi_{465}\ \Phi_{310}^2\ \Phi_{186}^2\ \Phi_{155}^2\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{6}^4\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
110420	1560	1559	$\frac{11}{1559}$	$\frac{157}{1559}$	$\frac{701}{1559}$	$\frac{774}{1559}$	$\Phi_{1559}\ \Phi_{1}^2$
110421	1560	1419	$\frac{1}{129}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{64}{129}$	$\Phi_{1419}\ \Phi_{473}\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_{3}^2\ \Phi_{1}^4$
110422	1560	903	$\frac{1}{129}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{64}{129}$	$\Phi_{903}^2\ \Phi_{301}^2\ \Phi_{21}^3\ \Phi_{7}^2$
110423	1560	1419	$\frac{1}{129}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{64}{129}$	$\Phi_{1419}\ \Phi_{473}\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_{3}^2\ \Phi_{1}^4$
110424	1560	2580	$\frac{1}{129}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{64}{129}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{860}\ \Phi_{430}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
110425	1560	1559	$\frac{13}{1559}$	$\frac{131}{1559}$	$\frac{714}{1559}$	$\frac{773}{1559}$	$\Phi_{1559}\ \Phi_{1}^2$
110426	1560	2856	$\frac{1}{119}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{59}{119}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{168}\ \Phi_{136}\ \Phi_{119}\ \Phi_{56}\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{1}^2$
110427	1560	1785	$\frac{1}{119}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{59}{119}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}\ \Phi_{85}\ \Phi_{35}\ \Phi_{17}\ \Phi_{15}^2\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{1}^2$
110428	1560	2142	$\frac{1}{119}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{59}{119}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{306}\ \Phi_{153}\ \Phi_{126}\ \Phi_{119}\ \Phi_{63}\ \Phi_{18}^2\ \Phi_{17}\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
110429	1560	1904	$\frac{1}{119}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{59}{119}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{272}\ \Phi_{136}\ \Phi_{119}\ \Phi_{112}\ \Phi_{56}\ \Phi_{17}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{1}^2$
110430	1560	1878	$\frac{3}{313}$	$\frac{1}{6}$	$\frac{79}{313}$	$\frac{155}{313}$	$\Phi_{1878}\ \Phi_{939}\ \Phi_{626}$
110431	1560	2884	$\frac{1}{103}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{51}{103}$	$\Phi_{2884}\ \Phi_{412}\ \Phi_{103}\ \Phi_{28}^2\ \Phi_{4}^2\ \Phi_{1}^2$
110432	1560	721	$\frac{1}{103}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{51}{103}$	$\Phi_{721}^2\ \Phi_{103}^3\ \Phi_{7}^4\ \Phi_{1}^6$
110433	1560	1236	$\frac{1}{103}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{51}{103}$	$\Phi_{1236}^2\ \Phi_{618}\ \Phi_{412}\ \Phi_{309}\ \Phi_{103}\ \Phi_{12}^4\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
110434	1560	1559	$\frac{17}{1559}$	$\frac{197}{1559}$	$\frac{454}{1559}$	$\frac{771}{1559}$	$\Phi_{1559}\ \Phi_{1}^2$
110435	1560	1559	$\frac{17}{1559}$	$\frac{233}{1559}$	$\frac{394}{1559}$	$\frac{771}{1559}$	$\Phi_{1559}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
110436	1560	609	$\frac{1}{87}$	$\frac{1}{7}$	$\frac{22}{87}$	$\frac{43}{87}$	$\Phi_{609}^3\ \Phi_{203}^3\ \Phi_{21}^3\ \Phi_7^2$
110437	1560	2343	$\frac{9}{781}$	$\frac{79}{781}$	$\frac{1}{3}$	$\frac{386}{781}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{33}$
110438	1560	1559	$\frac{19}{1559}$	$\frac{263}{1559}$	$\frac{324}{1559}$	$\frac{770}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110439	1560	1955	$\frac{5}{391}$	$\frac{66}{391}$	$\frac{1}{5}$	$\frac{193}{391}$	$\Phi_{1955}\ \Phi_{115}\ \Phi_{85}$
110440	1560	1463	$\frac{1}{77}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{38}{77}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{133}\ \Phi_{77}^2\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
110441	1560	231	$\frac{1}{77}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{38}{77}$	$\Phi_{231}^{10}\ \Phi_{33}^{11}\ \Phi_{21}^{10}\ \Phi_3^{10}$
110442	1560	1463	$\frac{1}{77}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{38}{77}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{133}\ \Phi_{77}^2\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
110443	1560	2310	$\frac{1}{77}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{38}{77}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{110}\ \Phi_{105}\ \Phi_{70}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
110444	1560	2084	$\frac{7}{521}$	$\frac{66}{521}$	$\frac{1}{4}$	$\frac{257}{521}$	$\Phi_{2084}\ \Phi_{1042}$
110445	1560	1559	$\frac{21}{1559}$	$\frac{79}{1559}$	$\frac{740}{1559}$	$\frac{769}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110446	1560	1559	$\frac{21}{1559}$	$\frac{158}{1559}$	$\frac{467}{1559}$	$\frac{769}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110447	1560	1559	$\frac{21}{1559}$	$\frac{194}{1559}$	$\frac{395}{1559}$	$\frac{769}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110448	1560	213	$\frac{1}{71}$	$\frac{6}{71}$	$\frac{1}{3}$	$\frac{35}{71}$	$\Phi_{213}^{11}\ \Phi_3^{10}$
110449	1560	2944	$\frac{1}{64}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{63}{128}$	$\Phi_{2944}\ \Phi_{128}^2\ \Phi_{23}\ \Phi_1^2$
110450	1560	4992	$\frac{1}{64}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{63}{128}$	$\Phi_{4992}\ \Phi_{39}$
110451	1560	2944	$\frac{1}{64}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{63}{128}$	$\Phi_{2944}\ \Phi_{128}^2\ \Phi_{23}\ \Phi_1^2$
110452	1560	1152	$\frac{1}{64}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{63}{128}$	$\Phi_{1152}^3\ \Phi_{384}^3\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
110453	1560	2944	$\frac{1}{64}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{63}{128}$	$\Phi_{2944}\ \Phi_{128}^2\ \Phi_{23}\ \Phi_1^2$
110454	1560	4480	$\frac{1}{64}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{63}{128}$	$\Phi_{4480}\ \Phi_{35}$
110455	1560	1878	$\frac{5}{313}$	$\frac{1}{6}$	$\frac{53}{313}$	$\frac{154}{313}$	$\Phi_{1878}\ \Phi_{939}\ \Phi_{626}$
110456	1560	1559	$\frac{25}{1559}$	$\frac{259}{1559}$	$\frac{264}{1559}$	$\frac{767}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110457	1560	1475	$\frac{1}{59}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{29}{59}$	$\Phi_{1475}\ \Phi_{295}\ \Phi_{59}^2\ \Phi_{25}^2\ \Phi_5^2\ \Phi_1^4$
110458	1560	2478	$\frac{1}{59}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{29}{59}$	$\Phi_{2478}\ \Phi_{1239}\ \Phi_{354}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
110459	1560	885	$\frac{1}{59}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{29}{59}$	$\Phi_{885}^2\ \Phi_{295}\ \Phi_{177}^2\ \Phi_{59}^2\ \Phi_{15}^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
110460	1560	2084	$\frac{9}{521}$	$\frac{53}{521}$	$\frac{1}{4}$	$\frac{256}{521}$	$\Phi_{2084}\ \Phi_{1042}$
110461	1560	1559	$\frac{27}{1559}$	$\frac{61}{1559}$	$\frac{749}{1559}$	$\frac{766}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110462	1560	1727	$\frac{3}{157}$	$\frac{1}{11}$	$\frac{40}{157}$	$\frac{77}{157}$	Φ_{1727}
110463	1560	1479	$\frac{1}{51}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{25}{51}$	$\Phi_{1479}\ \Phi_{493}\ \Phi_{87}\ \Phi_{51}^2\ \Phi_{29}^2\ \Phi_{17}^2\ \Phi_3^2\ \Phi_1^4$
110464	1560	816	$\frac{1}{51}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{48}^3\ \Phi_{34}^2\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
110465	1560	1479	$\frac{1}{51}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{25}{51}$	$\Phi_{1479}\ \Phi_{493}\ \Phi_{87}\ \Phi_{51}^2\ \Phi_{29}^2\ \Phi_{17}^2\ \Phi_3^2\ \Phi_1^4$
110466	1560	2244	$\frac{1}{51}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{25}{51}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{374}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{22}^2$
110467	1560	1479	$\frac{1}{51}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{25}{51}$	$\Phi_{1479}\ \Phi_{493}\ \Phi_{87}\ \Phi_{51}^2\ \Phi_{29}^2\ \Phi_{17}^2\ \Phi_3^2\ \Phi_1^4$
110468	1560	714	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{25}{51}$	$\Phi_{714}^3\ \Phi_{357}^2\ \Phi_{238}^3\ \Phi_{119}^2\ \Phi_{42}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^2$
110469	1560	1559	$\frac{31}{1559}$	$\frac{53}{1559}$	$\frac{753}{1559}$	$\frac{764}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110470	1560	1559	$\frac{31}{1559}$	$\frac{159}{1559}$	$\frac{350}{1559}$	$\frac{764}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110471	1560	1559	$\frac{33}{1559}$	$\frac{199}{1559}$	$\frac{272}{1559}$	$\frac{763}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110472	1560	1878	$\frac{7}{313}$	$\frac{40}{313}$	$\frac{1}{6}$	$\frac{153}{313}$	$\Phi_{1878}\ \Phi_{939}\ \Phi_{626}$
110473	1560	1955	$\frac{9}{391}$	$\frac{40}{391}$	$\frac{1}{5}$	$\frac{191}{391}$	$\Phi_{1955}\ \Phi_{115}\ \Phi_{85}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
110474	1560	1559	$\frac{37}{1559}$	$\frac{116}{1559}$	$\frac{399}{1559}$	$\frac{761}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110475	1560	2343	$\frac{19}{781}$	$\frac{40}{781}$	$\frac{1}{3}$	$\frac{381}{781}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{33}$
110476	1560	1694	$\frac{3}{121}$	$\frac{1}{14}$	$\frac{31}{121}$	$\frac{59}{121}$	$\Phi_{1694}\ \Phi_{847}\ \Phi_{242}\ \Phi_{154}\ \Phi_{77}\ \Phi_{22}$
110477	1560	2964	$\frac{1}{39}$	$\frac{1}{38}$	$\frac{37}{76}$	$\frac{19}{39}$	$\Phi_{2964}\ \Phi_{988}\ \Phi_{228}\ \Phi_{156}\ \Phi_{76}^2\ \Phi_{52}\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
110478	1560	741	$\frac{1}{39}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{19}{39}$	$\Phi_{741}^2\ \Phi_{247}^2\ \Phi_{57}^2\ \Phi_{39}^3\ \Phi_{19}^4\ \Phi_{13}^3\ \Phi_3^3\ \Phi_1^6$
110479	1560	1092	$\frac{1}{39}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{19}{39}$	$\Phi_{1092}^2\ \Phi_{546}\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}^2\ \Phi_{52}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{13}\ \Phi_{12}\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
110480	1560	1559	$\frac{41}{1559}$	$\frac{80}{1559}$	$\frac{493}{1559}$	$\frac{759}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110481	1560	1596	$\frac{1}{38}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{1596}^2\ \Phi_{532}^2\ \Phi_{228}\ \Phi_{84}^2\ \Phi_{76}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
110482	1560	988	$\frac{1}{38}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{37}{76}$	$\Phi_{988}^3\ \Phi_{76}^4\ \Phi_{52}^3\ \Phi_{13}^3\ \Phi_4^4\ \Phi_1^4$
110483	1560	4180	$\frac{1}{38}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{37}{76}$	$\Phi_{4180}\ \Phi_{220}\ \Phi_{55}$
110484	1560	2964	$\frac{1}{38}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{37}{76}$	$\Phi_{2964}\ \Phi_{988}\ \Phi_{228}\ \Phi_{156}\ \Phi_{76}^2\ \Phi_{52}\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
110485	1560	684	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{37}{76}$	$\Phi_{684}^5\ \Phi_{228}^3\ \Phi_{76}^4\ \Phi_{36}^5\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
110486	1560	560	$\frac{1}{35}$	$\frac{1}{16}$	$\frac{9}{35}$	$\frac{17}{35}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
110487	1560	1559	$\frac{49}{1559}$	$\frac{89}{1559}$	$\frac{402}{1559}$	$\frac{755}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110488	1560	1559	$\frac{49}{1559}$	$\frac{134}{1559}$	$\frac{285}{1559}$	$\frac{755}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110489	1560	3150	$\frac{2}{63}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{3150}\ \Phi_{1050}\ \Phi_{630}\ \Phi_{450}\ \Phi_{350}\ \Phi_{210}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{70}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
110490	1560	126	$\frac{2}{63}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{61}{126}$	$\Phi_{126}^{24}\ \Phi_{63}\ \Phi_{42}^{24}\ \Phi_{21}\ \Phi_{18}^{24}\ \Phi_{14}^{24}\ \Phi_6^{24}\ \Phi_2^{24}$
110491	1560	1727	$\frac{5}{157}$	$\frac{1}{11}$	$\frac{27}{157}$	$\frac{76}{157}$	Φ_{1727}
110492	1560	2343	$\frac{25}{781}$	$\frac{31}{781}$	$\frac{1}{3}$	$\frac{378}{781}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{33}$
110493	1560	1559	$\frac{51}{1559}$	$\frac{161}{1559}$	$\frac{233}{1559}$	$\frac{754}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110494	1560	1559	$\frac{53}{1559}$	$\frac{62}{1559}$	$\frac{499}{1559}$	$\frac{753}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110495	1560	783	$\frac{1}{29}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{783}^2\ \Phi_{261}^2\ \Phi_{87}\ \Phi_{29}^2\ \Phi_{27}^4\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
110496	1560	493	$\frac{1}{29}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{14}{29}$	$\Phi_{493}^3\ \Phi_{29}^4\ \Phi_{17}^6\ \Phi_1^8$
110497	1560	2030	$\frac{1}{29}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{14}{29}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{290}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{10}^2$
110498	1560	203	$\frac{1}{29}$	$\frac{3}{29}$	$\frac{1}{7}$	$\frac{14}{29}$	$\Phi_{203}^9\ \Phi_7^8$
110499	1560	1878	$\frac{11}{313}$	$\frac{27}{313}$	$\frac{1}{6}$	$\frac{151}{313}$	$\Phi_{1878}\ \Phi_{939}\ \Phi_{626}$
110500	1560	1559	$\frac{55}{1559}$	$\frac{129}{1559}$	$\frac{269}{1559}$	$\frac{752}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110501	1560	2016	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{29}{224}$	$\frac{27}{56}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
110502	1560	2084	$\frac{19}{521}$	$\frac{27}{521}$	$\frac{1}{4}$	$\frac{251}{521}$	$\Phi_{2084}\ \Phi_{1042}$
110503	1560	1559	$\frac{57}{1559}$	$\frac{77}{1559}$	$\frac{404}{1559}$	$\frac{751}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110504	1560	2343	$\frac{27}{781}$	$\frac{29}{781}$	$\frac{1}{3}$	$\frac{376}{781}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{33}$
110505	1560	2325	$\frac{1}{31}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{2325}\ \Phi_{465}\ \Phi_{93}^2$
110506	1560	1475	$\frac{2}{59}$	$\frac{1}{25}$	$\frac{19}{59}$	$\frac{12}{25}$	$\Phi_{1475}\ \Phi_{295}\ \Phi_{59}^2\ \Phi_{25}^2\ \Phi_5^2\ \Phi_1^4$
110507	1560	2100	$\frac{1}{25}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{140}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_6^2$
110508	1560	1475	$\frac{1}{25}$	$\frac{3}{59}$	$\frac{14}{59}$	$\frac{12}{25}$	$\Phi_{1475}\ \Phi_{295}\ \Phi_{59}^2\ \Phi_{25}^2\ \Phi_5^2\ \Phi_1^4$
110509	1560	400	$\frac{1}{25}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{400}^4\ \Phi_{200}^4\ \Phi_{100}^4\ \Phi_{80}^5\ \Phi_{50}^4\ \Phi_{40}^5\ \Phi_{20}^5\ \Phi_{16}^4\ \Phi_{10}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4$
110510	1560	1475	$\frac{1}{25}$	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{12}{25}$	$\Phi_{1475}\ \Phi_{295}\ \Phi_{59}^2\ \Phi_{25}^2\ \Phi_5^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
110511	1560	1950	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{12}{25}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2$
110512	1560	1475	$\frac{1}{25}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{12}{25}$	$\Phi_{1475}\ \Phi_{295}\ \Phi_{59}^2\ \Phi_{25}^2\ \Phi_5^2\ \Phi_1^4$
110513	1560	1925	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{12}{25}$	$\Phi_{1925}\ \Phi_{385}\ \Phi_{77}^2$
110514	1560	1694	$\frac{5}{121}$	$\frac{1}{14}$	$\frac{21}{121}$	$\frac{58}{121}$	$\Phi_{1694}\ \Phi_{847}\ \Phi_{242}\ \Phi_{154}\ \Phi_{77}\ \Phi_{22}$
110515	1560	1870	$\frac{8}{187}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{179}{374}$	$\Phi_{1870}^2\ \Phi_{170}^2\ \Phi_{110}^2\ \Phi_{85}\ \Phi_{10}^2$
110516	1560	2208	$\frac{1}{32}$	$\frac{1}{23}$	$\frac{31}{96}$	$\frac{11}{23}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}^2\ \Phi_{69}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
110517	1560	1564	$\frac{1}{23}$	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{1564}\ \Phi_{782}\ \Phi_{391}\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{23}\ \Phi_{17}^2\ \Phi_1^2$
110518	1560	345	$\frac{1}{23}$	$\frac{4}{69}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{345}^6\ \Phi_{115}^5\ \Phi_{15}^6\ \Phi_5^4$
110519	1560	368	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{11}{23}$	$\Phi_{368}^4\ \Phi_{184}^4\ \Phi_{92}^4\ \Phi_{46}^4\ \Phi_{23}^5\ \Phi_{16}^8\ \Phi_8^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{10}$
110520	1560	966	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{11}{23}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{322}\ \Phi_{161}\ \Phi_{138}\ \Phi_{69}\ \Phi_{42}^4\ \Phi_{23}\ \Phi_{21}^4\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
110521	1560	1656	$\frac{1}{23}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{11}{23}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{138}\ \Phi_{72}^2\ \Phi_{69}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
110522	1560	2200	$\frac{1}{25}$	$\frac{1}{22}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{2200}\ \Phi_{550}\ \Phi_{440}\ \Phi_{275}\ \Phi_{200}\ \Phi_{110}\ \Phi_{55}\ \Phi_{50}\ \Phi_{40}\ \Phi_{10}$
110523	1560	1559	$\frac{73}{1559}$	$\frac{99}{1559}$	$\frac{272}{1559}$	$\frac{743}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110524	1560	1008	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{11}{63}$	$\frac{10}{21}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}\ \Phi_{252}^2\ \Phi_{168}\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
110525	1560	2084	$\frac{21}{521}$	$\frac{25}{521}$	$\frac{1}{4}$	$\frac{248}{521}$	$\Phi_{2084}\ \Phi_{1042}$
110526	1560	1647	$\frac{1}{27}$	$\frac{3}{61}$	$\frac{16}{61}$	$\frac{29}{61}$	$\Phi_{1647}\ \Phi_{549}\ \Phi_{183}$
110527	1560	1559	$\frac{63}{1559}$	$\frac{79}{1559}$	$\frac{374}{1559}$	$\frac{740}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110528	1560	1559	$\frac{41}{1559}$	$\frac{81}{1559}$	$\frac{506}{1559}$	$\frac{739}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110529	1560	2280	$\frac{1}{40}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{120}^2\ \Phi_{114}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2$
110530	1560	1463	$\frac{2}{77}$	$\frac{1}{19}$	$\frac{25}{77}$	$\frac{9}{19}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{133}\ \Phi_{77}^2\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
110531	1560	2052	$\frac{1}{27}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{114}\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
110532	1560	1463	$\frac{1}{19}$	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{9}{19}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{133}\ \Phi_{77}^2\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
110533	1560	266	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{9}{19}$	$\Phi_{266}^6\ \Phi_{133}^5\ \Phi_{38}^6\ \Phi_{19}^6\ \Phi_{14}^{12}\ \Phi_7^{10}\ \Phi_2^{12}\ \Phi_1^{12}$
110534	1560	836	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{9}{19}$	$\Phi_{836}^2\ \Phi_{418}^2\ \Phi_{209}\ \Phi_{76}^2\ \Phi_{44}^4\ \Phi_{38}^2\ \Phi_{22}^4\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
110535	1560	1643	$\frac{1}{31}$	$\frac{3}{53}$	$\frac{14}{53}$	$\frac{25}{53}$	Φ_{1643}
110536	1560	1694	$\frac{7}{121}$	$\frac{1}{14}$	$\frac{16}{121}$	$\frac{57}{121}$	$\Phi_{1694}\ \Phi_{847}\ \Phi_{242}\ \Phi_{154}\ \Phi_{77}\ \Phi_{22}$
110537	1560	1559	$\frac{55}{1559}$	$\frac{91}{1559}$	$\frac{376}{1559}$	$\frac{734}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110538	1560	340	$\frac{3}{68}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{340}^6\ \Phi_{170}^6\ \Phi_{85}^5\ \Phi_{20}^6\ \Phi_{10}^6\ \Phi_5^4$
110539	1560	1840	$\frac{1}{23}$	$\frac{11}{184}$	$\frac{1}{5}$	$\frac{173}{368}$	$\Phi_{1840}^2\ \Phi_{115}\ \Phi_{80}^2$
110540	1560	784	$\frac{3}{49}$	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{23}{49}$	$\Phi_{784}^2\ \Phi_{392}^2\ \Phi_{196}^2\ \Phi_{112}^3\ \Phi_{98}^2\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
110541	1560	1559	$\frac{69}{1559}$	$\frac{97}{1559}$	$\frac{298}{1559}$	$\frac{731}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110542	1560	1559	$\frac{97}{1559}$	$\frac{104}{1559}$	$\frac{207}{1559}$	$\frac{731}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110543	1560	1659	$\frac{1}{21}$	$\frac{5}{79}$	$\frac{14}{79}$	$\frac{37}{79}$	$\Phi_{1659}\ \Phi_{553}\ \Phi_{237}$
110544	1560	1955	$\frac{16}{391}$	$\frac{25}{391}$	$\frac{1}{5}$	$\frac{183}{391}$	$\Phi_{1955}\ \Phi_{115}\ \Phi_{85}$
110545	1560	1559	$\frac{44}{1559}$	$\frac{101}{1559}$	$\frac{415}{1559}$	$\frac{729}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110546	1560	1559	$\frac{83}{1559}$	$\frac{101}{1559}$	$\frac{246}{1559}$	$\frac{729}{1559}$	$\Phi_{1559}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
110547	1560	2343	$\frac{16}{781}$	$\frac{51}{781}$	$\frac{1}{3}$	$\frac{365}{781}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{33}$
110548	1560	240	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{7}{15}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{80}^7\ \Phi_{60}^7\ \Phi_{48}^7\ \Phi_{40}^7\ \Phi_{30}^7\ \Phi_{24}^7\ \Phi_{20}^7\ \Phi_{16}^6\ \Phi_{12}^7\ \Phi_{10}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
110549	1560	1559	$\frac{32}{1559}$	$\frac{105}{1559}$	$\frac{509}{1559}$	$\frac{727}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110550	1560	1559	$\frac{64}{1559}$	$\frac{105}{1559}$	$\frac{299}{1559}$	$\frac{727}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110551	1560	1703	$\frac{9}{131}$	$\frac{1}{13}$	$\frac{14}{131}$	$\frac{61}{131}$	Φ_{1703}
110552	1560	1559	$\frac{109}{1559}$	$\frac{139}{1559}$	$\frac{142}{1559}$	$\frac{725}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110553	1560	1727	$\frac{11}{157}$	$\frac{14}{157}$	$\frac{1}{11}$	$\frac{73}{157}$	Φ_{1727}
110554	1560	1559	$\frac{111}{1559}$	$\frac{116}{1559}$	$\frac{167}{1559}$	$\frac{724}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110555	1560	4452	$\frac{1}{53}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{4452}\ \Phi_{636}\ \Phi_{159}$
110556	1560	2884	$\frac{3}{103}$	$\frac{1}{14}$	$\frac{25}{103}$	$\frac{13}{28}$	$\Phi_{2884}\ \Phi_{412}\ \Phi_{103}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
110557	1560	3780	$\frac{1}{27}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{540}\ \Phi_{420}\ \Phi_{180}\ \Phi_{135}\ \Phi_{60}\ \Phi_{45}\ \Phi_{15}$
110558	1560	2884	$\frac{7}{103}$	$\frac{1}{14}$	$\frac{12}{103}$	$\frac{13}{28}$	$\Phi_{2884}\ \Phi_{412}\ \Phi_{103}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
110559	1560	252	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{28}$	$\Phi_{252}^{13}\ \Phi_{126}\ \Phi_{84}^{13}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}^{13}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}^{13}\ \Phi_6$
110560	1560	1559	$\frac{90}{1559}$	$\frac{113}{1559}$	$\frac{209}{1559}$	$\frac{723}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110561	1560	1827	$\frac{14}{261}$	$\frac{19}{261}$	$\frac{1}{7}$	$\frac{121}{261}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{203}\ \Phi_{63}\ \Phi_{21}$
110562	1560	1640	$\frac{1}{40}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{410}\ \Phi_{328}\ \Phi_{205}\ \Phi_{164}\ \Phi_{82}$
110563	1560	1878	$\frac{14}{313}$	$\frac{23}{313}$	$\frac{1}{6}$	$\frac{145}{313}$	$\Phi_{1878}\ \Phi_{939}\ \Phi_{626}$
110564	1560	1559	$\frac{64}{1559}$	$\frac{115}{1559}$	$\frac{279}{1559}$	$\frac{722}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110565	1560	1955	$\frac{14}{391}$	$\frac{29}{391}$	$\frac{1}{5}$	$\frac{181}{391}$	$\Phi_{1955}\ \Phi_{115}\ \Phi_{85}$
110566	1560	1694	$\frac{1}{14}$	$\frac{9}{121}$	$\frac{13}{121}$	$\frac{56}{121}$	$\Phi_{1694}\ \Phi_{847}\ \Phi_{242}\ \Phi_{154}\ \Phi_{77}\ \Phi_{22}$
110567	1560	2084	$\frac{14}{521}$	$\frac{39}{521}$	$\frac{1}{4}$	$\frac{241}{521}$	$\Phi_{2084}\ \Phi_{1042}$
110568	1560	1559	$\frac{38}{1559}$	$\frac{117}{1559}$	$\frac{419}{1559}$	$\frac{721}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110569	1560	2343	$\frac{14}{781}$	$\frac{59}{781}$	$\frac{1}{3}$	$\frac{361}{781}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{33}$
110570	1560	1559	$\frac{107}{1559}$	$\frac{121}{1559}$	$\frac{168}{1559}$	$\frac{719}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110571	1560	1878	$\frac{13}{313}$	$\frac{25}{313}$	$\frac{1}{6}$	$\frac{144}{313}$	$\Phi_{1878}\ \Phi_{939}\ \Phi_{626}$
110572	1560	1647	$\frac{1}{27}$	$\frac{5}{61}$	$\frac{11}{61}$	$\frac{28}{61}$	$\Phi_{1647}\ \Phi_{549}\ \Phi_{183}$
110573	1560	1464	$\frac{1}{61}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{1464}^2\ \Phi_{488}^2\ \Phi_{183}$
110574	1560	2856	$\frac{2}{119}$	$\frac{1}{12}$	$\frac{39}{119}$	$\frac{11}{24}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{168}\ \Phi_{136}\ \Phi_{119}\ \Phi_{56}\ \Phi_{24}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
110575	1560	984	$\frac{1}{41}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{984}^3\ \Phi_{328}^3\ \Phi_{164}\ \Phi_{82}$
110576	1560	2856	$\frac{3}{119}$	$\frac{1}{12}$	$\frac{29}{119}$	$\frac{11}{24}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{168}\ \Phi_{136}\ \Phi_{119}\ \Phi_{56}\ \Phi_{24}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
110577	1560	3720	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{3720}\ \Phi_{1240}\ \Phi_{155}$
110578	1560	2856	$\frac{4}{119}$	$\frac{1}{12}$	$\frac{23}{119}$	$\frac{11}{24}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{168}\ \Phi_{136}\ \Phi_{119}\ \Phi_{56}\ \Phi_{24}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
110579	1560	600	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{600}^5\ \Phi_{200}^5\ \Phi_{150}\ \Phi_{120}^5\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}^5\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
110580	1560	2856	$\frac{5}{119}$	$\frac{1}{12}$	$\frac{19}{119}$	$\frac{11}{24}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{168}\ \Phi_{136}\ \Phi_{119}\ \Phi_{56}\ \Phi_{24}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
110581	1560	168	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{168}^{17}\ \Phi_{56}^{17}\ \Phi_{24}^{18}\ \Phi_{21}^6\ \Phi_8^{18}\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
110582	1560	408	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{2}{17}$	$\frac{11}{24}$	$\Phi_{408}^7\ \Phi_{136}^7\ \Phi_{24}^8\ \Phi_{17}^7\ \Phi_8^8\ \Phi_1^8$
110583	1560	144	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{24}$	$\Phi_{144}^{13}\ \Phi_{72}^{10}\ \Phi_{48}^9\ \Phi_{36}^{13}\ \Phi_{24}^7\ \Phi_{18}^{13}\ \Phi_{16}^8\ \Phi_{12}^9\ \Phi_9^{12}\ \Phi_8^6\ \Phi_6^9\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
110584	1560	2856	$\frac{9}{119}$	$\frac{1}{12}$	$\frac{11}{119}$	$\frac{11}{24}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{168}\ \Phi_{136}\ \Phi_{119}\ \Phi_{56}\ \Phi_{24}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
110585	1560	3432	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{24}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{143}$
110586	1560	1559	$\frac{65}{1559}$	$\frac{131}{1559}$	$\frac{249}{1559}$	$\frac{714}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110587	1560	66	$\frac{1}{66}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{66}^{24}\ \Phi_{33}^{23}\ \Phi_{22}^{24}\ \Phi_{11}^{24}\ \Phi_6^{24}\ \Phi_3^{22}\ \Phi_2^{24}\ \Phi_1^{24}$
110588	1560	946	$\frac{1}{43}$	$\frac{1}{11}$	$\frac{21}{86}$	$\frac{5}{11}$	$\Phi_{946}^2\ \Phi_{473}\ \Phi_{86}^4\ \Phi_{43}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_2^4\ \Phi_1^4$
110589	1560	1419	$\frac{4}{129}$	$\frac{1}{11}$	$\frac{25}{129}$	$\frac{5}{11}$	$\Phi_{1419}\ \Phi_{473}\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
110590	1560	594	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{594}^3\ \Phi_{297}^2\ \Phi_{198}^3\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{54}^6\ \Phi_{33}\ \Phi_{27}^4\ \Phi_{22}^2\ \Phi_{18}^6\ \Phi_{11}^2\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
110591	1560	473	$\frac{3}{43}$	$\frac{1}{11}$	$\frac{4}{43}$	$\frac{5}{11}$	$\Phi_{473}^3\ \Phi_{43}^6\ \Phi_{11}^4\ \Phi_1^8$
110592	1560	154	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{154}^{11}\ \Phi_{77}^{11}\ \Phi_{22}^{11}\ \Phi_{14}^{10}\ \Phi_7^{10}\ \Phi_2^{10}$
110593	1560	1559	$\frac{109}{1559}$	$\frac{142}{1559}$	$\frac{145}{1559}$	$\frac{707}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110594	1560	1827	$\frac{11}{261}$	$\frac{25}{261}$	$\frac{1}{7}$	$\frac{118}{261}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{203}\ \Phi_{63}\ \Phi_{21}$
110595	1560	1559	$\frac{49}{1559}$	$\frac{151}{1559}$	$\frac{285}{1559}$	$\frac{704}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110596	1560	2084	$\frac{11}{521}$	$\frac{51}{521}$	$\frac{1}{4}$	$\frac{235}{521}$	$\Phi_{2084}\ \Phi_{1042}$
110597	1560	1559	$\frac{29}{1559}$	$\frac{153}{1559}$	$\frac{428}{1559}$	$\frac{703}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110598	1560	213	$\frac{1}{71}$	$\frac{7}{71}$	$\frac{1}{3}$	$\frac{32}{71}$	$\Phi_{213}^{11}\ \Phi_3^{10}$
110599	1560	711	$\frac{1}{79}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{711}^2\ \Phi_{237}^3\ \Phi_{79}^2$
110600	1560	1395	$\frac{2}{155}$	$\frac{1}{9}$	$\frac{51}{155}$	$\frac{4}{9}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}\ \Phi_{155}^2\ \Phi_{93}\ \Phi_{45}\ \Phi_{31}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
110601	1560	1098	$\frac{1}{61}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{1098}^2\ \Phi_{549}\ \Phi_{366}^2\ \Phi_{183}\ \Phi_{122}^2$
110602	1560	1908	$\frac{1}{53}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{636}\ \Phi_{318}\ \Phi_{212}^2\ \Phi_{106}^2$
110603	1560	1395	$\frac{3}{155}$	$\frac{1}{9}$	$\frac{38}{155}$	$\frac{4}{9}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}\ \Phi_{155}^2\ \Phi_{93}\ \Phi_{45}\ \Phi_{31}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
110604	1560	360	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{45}^3\ \Phi_{40}^8\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^8\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_{10}^8\ \Phi_9^4\ \Phi_8^8\ \Phi_6^4\ \Phi_5^6\ \Phi_4^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
110605	1560	279	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{5}{31}$	$\frac{4}{9}$	$\Phi_{279}^5\ \Phi_{93}^5\ \Phi_{31}^{10}\ \Phi_9^6\ \Phi_3^6\ \Phi_1^{12}$
110606	1560	189	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{189}^{10}\ \Phi_{63}^9\ \Phi_{21}^9\ \Phi_7^8$
110607	1560	1395	$\frac{11}{155}$	$\frac{12}{155}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}\ \Phi_{155}^2\ \Phi_{93}\ \Phi_{45}\ \Phi_{31}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
110608	1560	1638	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{234}\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{78}\ \Phi_{26}^2$
110609	1560	2870	$\frac{1}{41}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{2870}\ \Phi_{574}\ \Phi_{410}\ \Phi_{205}\ \Phi_{82}$
110610	1560	1650	$\frac{1}{66}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{330}\ \Phi_{275}\ \Phi_{165}\ \Phi_{150}\ \Phi_{110}\ \Phi_{75}\ \Phi_{55}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
110611	1560	812	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{1}{7}$	$\frac{51}{116}$	$\Phi_{812}^4\ \Phi_{203}\ \Phi_{28}^4$
110612	1560	656	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{656}^2\ \Phi_{328}^3\ \Phi_{164}^3\ \Phi_{82}^3\ \Phi_{41}^2$
110613	1560	1559	$\frac{17}{1559}$	$\frac{209}{1559}$	$\frac{514}{1559}$	$\frac{675}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110614	1560	1559	$\frac{34}{1559}$	$\frac{209}{1559}$	$\frac{305}{1559}$	$\frac{675}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110615	1560	679	$\frac{1}{97}$	$\frac{1}{7}$	$\frac{32}{97}$	$\frac{3}{7}$	$\Phi_{679}^2\ \Phi_{97}^4\ \Phi_7^3\ \Phi_1^6$
110616	1560	553	$\frac{1}{79}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{553}^3\ \Phi_{79}^2$
110617	1560	924	$\frac{1}{66}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{924}^2\ \Phi_{462}\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}^4\ \Phi_{84}^2\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{44}^4\ \Phi_{42}\ \Phi_{33}^2\ \Phi_{28}\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
110618	1560	679	$\frac{2}{97}$	$\frac{1}{7}$	$\frac{19}{97}$	$\frac{3}{7}$	$\Phi_{679}^2\ \Phi_{97}^4\ \Phi_7^3\ \Phi_1^6$
110619	1560	840	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}^4\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{60}^4\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{30}^4\ \Phi_{28}\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
110620	1560	679	$\frac{6}{97}$	$\frac{7}{97}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{679}^2\ \Phi_{97}^4\ \Phi_7^3\ \Phi_1^6$
110621	1560	112	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{112}^{15}\ \Phi_{56}^{15}\ \Phi_{28}^{15}\ \Phi_{16}^{14}\ \Phi_{14}^7\ \Phi_8^{14}\ \Phi_7^8\ \Phi_4^{14}\ \Phi_2^6\ \Phi_1^8$
110622	1560	1647	$\frac{1}{27}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{26}{61}$	$\Phi_{1647}\ \Phi_{549}\ \Phi_{183}$
110623	1560	1559	$\frac{23}{1559}$	$\frac{235}{1559}$	$\frac{384}{1559}$	$\frac{662}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110624	1560	1559	$\frac{69}{1559}$	$\frac{149}{1559}$	$\frac{235}{1559}$	$\frac{662}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110625	1560	1559	$\frac{90}{1559}$	$\frac{113}{1559}$	$\frac{241}{1559}$	$\frac{659}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110626	1560	720	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{19}{45}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^3\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^3\ \Phi_{90}^2\ \Phi_{80}^3\ \Phi_{72}^2\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
110627	1560	1694	$\frac{7}{121}$	$\frac{1}{14}$	$\frac{19}{121}$	$\frac{51}{121}$	$\Phi_{1694}\ \Phi_{847}\ \Phi_{242}\ \Phi_{154}\ \Phi_{77}\ \Phi_{22}$
110628	1560	1727	$\frac{7}{157}$	$\frac{1}{11}$	$\frac{25}{157}$	$\frac{66}{157}$	Φ_{1727}
110629	1560	1008	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{9}{56}$	$\frac{47}{112}$	$\Phi_{1008}^3\ \Phi_{336}^3\ \Phi_{252}\ \Phi_{144}^3\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{48}^3\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
110630	1560	1559	$\frac{53}{1559}$	$\frac{181}{1559}$	$\frac{251}{1559}$	$\frac{654}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110631	1560	1643	$\frac{1}{53}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	Φ_{1643}
110632	1560	1878	$\frac{7}{313}$	$\frac{51}{313}$	$\frac{1}{6}$	$\frac{131}{313}$	$\Phi_{1878}\ \Phi_{939}\ \Phi_{626}$
110633	1560	1559	$\frac{17}{1559}$	$\frac{257}{1559}$	$\frac{454}{1559}$	$\frac{651}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110634	1560	2343	$\frac{7}{781}$	$\frac{129}{781}$	$\frac{1}{3}$	$\frac{326}{781}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{33}$
110635	1560	1800	$\frac{1}{25}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
110636	1560	1559	$\frac{14}{1559}$	$\frac{261}{1559}$	$\frac{515}{1559}$	$\frac{649}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110637	1560	1559	$\frac{35}{1559}$	$\frac{254}{1559}$	$\frac{261}{1559}$	$\frac{649}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110638	1560	1640	$\frac{1}{40}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{410}\ \Phi_{328}\ \Phi_{205}\ \Phi_{164}\ \Phi_{82}$
110639	1560	1647	$\frac{1}{27}$	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{25}{61}$	$\Phi_{1647}\ \Phi_{549}\ \Phi_{183}$
110640	1560	550	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{550}^5\ \Phi_{275}\ \Phi_{110}^5\ \Phi_{55}\ \Phi_{50}^5\ \Phi_{10}^5$
110641	1560	1559	$\frac{71}{1559}$	$\frac{124}{1559}$	$\frac{287}{1559}$	$\frac{636}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110642	1560	1559	$\frac{77}{1559}$	$\frac{114}{1559}$	$\frac{289}{1559}$	$\frac{635}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110643	1560	1694	$\frac{6}{121}$	$\frac{1}{14}$	$\frac{23}{121}$	$\frac{49}{121}$	$\Phi_{1694}\ \Phi_{847}\ \Phi_{242}\ \Phi_{154}\ \Phi_{77}\ \Phi_{22}$
110644	1560	1703	$\frac{6}{131}$	$\frac{1}{13}$	$\frac{25}{131}$	$\frac{53}{131}$	Φ_{1703}
110645	1560	1559	$\frac{54}{1559}$	$\frac{155}{1559}$	$\frac{301}{1559}$	$\frac{629}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110646	1560	609	$\frac{2}{87}$	$\frac{1}{7}$	$\frac{17}{87}$	$\frac{35}{87}$	$\Phi_{609}^3\ \Phi_{203}^3\ \Phi_{21}^3\ \Phi_7^2$
110647	1560	1559	$\frac{34}{1559}$	$\frac{233}{1559}$	$\frac{305}{1559}$	$\frac{627}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110648	1560	1559	$\frac{24}{1559}$	$\frac{307}{1559}$	$\frac{311}{1559}$	$\frac{626}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110649	1560	1955	$\frac{6}{391}$	$\frac{77}{391}$	$\frac{1}{5}$	$\frac{157}{391}$	$\Phi_{1955}\ \Phi_{115}\ \Phi_{85}$
110650	1560	2084	$\frac{6}{521}$	$\frac{103}{521}$	$\frac{1}{4}$	$\frac{209}{521}$	$\Phi_{2084}\ \Phi_{1042}$
110651	1560	1559	$\frac{14}{1559}$	$\frac{309}{1559}$	$\frac{467}{1559}$	$\frac{625}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110652	1560	2343	$\frac{6}{781}$	$\frac{155}{781}$	$\frac{1}{3}$	$\frac{313}{781}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{33}$
110653	1560	1965	$\frac{1}{131}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1965}\ \Phi_{393}^2$
110654	1560	1295	$\frac{3}{259}$	$\frac{1}{5}$	$\frac{64}{259}$	$\frac{2}{5}$	$\Phi_{1295}\ \Phi_{259}^2\ \Phi_{185}\ \Phi_{37}^2\ \Phi_{35}\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
110655	1560	330	$\frac{1}{66}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{330}^5\ \Phi_{165}^5\ \Phi_{110}^5\ \Phi_{66}^4\ \Phi_{55}^5\ \Phi_{33}^4\ \Phi_{30}^5\ \Phi_{22}^4\ \Phi_{15}^5\ \Phi_{11}^4\ \Phi_{10}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
110656	1560	1295	$\frac{4}{259}$	$\frac{51}{259}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1295}\ \Phi_{259}^2\ \Phi_{185}\ \Phi_{37}^2\ \Phi_{35}\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
110657	1560	1590	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{530}\ \Phi_{318}^2\ \Phi_{159}^2\ \Phi_{106}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
110658	1560	665	$\frac{3}{133}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{665}^2\ \Phi_{133}^4\ \Phi_{95}^2\ \Phi_{35}\ \Phi_{19}^4\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
110659	1560	370	$\frac{1}{37}$	$\frac{9}{74}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{370}^4\ \Phi_{185}^3\ \Phi_{74}^8\ \Phi_{37}^6\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^8\ \Phi_1^8$
110660	1560	1295	$\frac{9}{259}$	$\frac{25}{259}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1295}\ \Phi_{259}^2\ \Phi_{185}\ \Phi_{37}^2\ \Phi_{35}\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
110661	1560	1485	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}^2\ \Phi_{165}\ \Phi_{99}^2\ \Phi_{33}^2$
110662	1560	1295	$\frac{12}{259}$	$\frac{19}{259}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1295}\ \Phi_{259}^2\ \Phi_{185}\ \Phi_{37}^2\ \Phi_{35}\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
110663	1560	210	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{210}^7\ \Phi_{105}^6\ \Phi_{70}^6\ \Phi_{42}^{14}\ \Phi_{35}^5\ \Phi_{30}^7\ \Phi_{21}^{12}\ \Phi_{15}^6\ \Phi_{14}^{12}\ \Phi_{10}^6\ \Phi_7^{10}\ \Phi_6^{14}\ \Phi_5^6\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
110664	1560	880	$\frac{3}{55}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{176}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{80}\ \Phi_{44}^2\ \Phi_{40}\ \Phi_{22}^2\ \Phi_{20}\ \Phi_{10}$
110665	1560	1559	$\frac{24}{1559}$	$\frac{307}{1559}$	$\frac{313}{1559}$	$\frac{623}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110666	1560	2624	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{2624}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}$
110667	1560	1640	$\frac{1}{40}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{410}\ \Phi_{328}\ \Phi_{205}\ \Phi_{164}\ \Phi_{82}$
110668	1560	1703	$\frac{1}{131}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{1703}
110669	1560	1559	$\frac{64}{1559}$	$\frac{115}{1559}$	$\frac{361}{1559}$	$\frac{599}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110670	1560	1559	$\frac{74}{1559}$	$\frac{99}{1559}$	$\frac{365}{1559}$	$\frac{597}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110671	1560	336	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{5}{21}$	$\frac{8}{21}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{48}^5\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{24}^5\ \Phi_{16}^4\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^5\ \Phi_4^4\ \Phi_2^4$
110672	1560	1694	$\frac{5}{121}$	$\frac{1}{14}$	$\frac{29}{121}$	$\frac{46}{121}$	$\Phi_{1694}\ \Phi_{847}\ \Phi_{242}\ \Phi_{154}\ \Phi_{77}\ \Phi_{22}$
110673	1560	1559	$\frac{35}{1559}$	$\frac{194}{1559}$	$\frac{381}{1559}$	$\frac{589}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110674	1560	1878	$\frac{5}{313}$	$\frac{1}{6}$	$\frac{77}{313}$	$\frac{118}{313}$	$\Phi_{1878}\ \Phi_{939}\ \Phi_{626}$
110675	1560	1559	$\frac{19}{1559}$	$\frac{324}{1559}$	$\frac{385}{1559}$	$\frac{587}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110676	1560	2084	$\frac{5}{521}$	$\frac{129}{521}$	$\frac{1}{4}$	$\frac{196}{521}$	$\Phi_{2084}\ \Phi_{1042}$
110677	1560	3768	$\frac{1}{157}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{3768}\ \Phi_{471}$
110678	1560	2488	$\frac{2}{311}$	$\frac{1}{4}$	$\frac{103}{311}$	$\frac{3}{8}$	$\Phi_{2488}\ \Phi_{311}\ \Phi_8^2\ \Phi_1^2$
110679	1560	840	$\frac{1}{105}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^3\ \Phi_{420}\ \Phi_{280}^3\ \Phi_{210}\ \Phi_{168}^3\ \Phi_{140}\ \Phi_{120}^3\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}^3\ \Phi_{42}\ \Phi_{40}^3\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
110680	1560	2488	$\frac{3}{311}$	$\frac{77}{311}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2488}\ \Phi_{311}\ \Phi_8^2\ \Phi_1^2$
110681	1560	3160	$\frac{1}{79}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3160}\ \Phi_{395}$
110682	1560	2488	$\frac{5}{311}$	$\frac{51}{311}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2488}\ \Phi_{311}\ \Phi_8^2\ \Phi_1^2$
110683	1560	2968	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2968}\ \Phi_{371}$
110684	1560	2488	$\frac{7}{311}$	$\frac{38}{311}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2488}\ \Phi_{311}\ \Phi_8^2\ \Phi_1^2$
110685	1560	360	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^5\ \Phi_{72}^4\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{36}^5\ \Phi_{30}^5\ \Phi_{24}^4\ \Phi_{18}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_9^4\ \Phi_6^5\ \Phi_3^4$
110686	1560	2488	$\frac{11}{311}$	$\frac{25}{311}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2488}\ \Phi_{311}\ \Phi_8^2\ \Phi_1^2$
110687	1560	2808	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{351}\ \Phi_{312}\ \Phi_{117}\ \Phi_{39}$
110688	1560	2488	$\frac{12}{311}$	$\frac{23}{311}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2488}\ \Phi_{311}\ \Phi_8^2\ \Phi_1^2$
110689	1560	1400	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1400}^2\ \Phi_{350}\ \Phi_{280}^2\ \Phi_{200}\ \Phi_{175}\ \Phi_{70}\ \Phi_{50}\ \Phi_{40}\ \Phi_{35}\ \Phi_{10}$
110690	1560	1559	$\frac{15}{1559}$	$\frac{386}{1559}$	$\frac{391}{1559}$	$\frac{584}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110691	1560	1559	$\frac{19}{1559}$	$\frac{308}{1559}$	$\frac{417}{1559}$	$\frac{571}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110692	1560	1650	$\frac{1}{66}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{330}\ \Phi_{275}\ \Phi_{165}\ \Phi_{150}\ \Phi_{110}\ \Phi_{75}\ \Phi_{55}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
110693	1560	1643	$\frac{1}{53}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	Φ_{1643}
110694	1560	820	$\frac{1}{41}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{820}^3\ \Phi_{410}\ \Phi_{205}\ \Phi_{164}^3\ \Phi_{82}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
110695	1560	1559	$\frac{39}{1559}$	$\frac{152}{1559}$	$\frac{469}{1559}$	$\frac{545}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110696	1560	1559	$\frac{51}{1559}$	$\frac{116}{1559}$	$\frac{481}{1559}$	$\frac{539}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110697	1560	1647	$\frac{1}{27}$	$\frac{4}{61}$	$\frac{19}{61}$	$\frac{21}{61}$	$\Phi_{1647}\ \Phi_{549}\ \Phi_{183}$
110698	1560	1659	$\frac{1}{21}$	$\frac{4}{79}$	$\frac{25}{79}$	$\frac{27}{79}$	$\Phi_{1659}\ \Phi_{553}\ \Phi_{237}$
110699	1560	1559	$\frac{74}{1559}$	$\frac{79}{1559}$	$\frac{495}{1559}$	$\frac{532}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110700	1560	1559	$\frac{56}{1559}$	$\frac{103}{1559}$	$\frac{501}{1559}$	$\frac{529}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110701	1560	1694	$\frac{4}{121}$	$\frac{1}{14}$	$\frac{39}{121}$	$\frac{41}{121}$	$\Phi_{1694}\ \Phi_{847}\ \Phi_{242}\ \Phi_{154}\ \Phi_{77}\ \Phi_{22}$
110702	1560	1727	$\frac{4}{157}$	$\frac{1}{11}$	$\frac{51}{157}$	$\frac{53}{157}$	Φ_{1727}
110703	1560	882	$\frac{1}{49}$	$\frac{1}{9}$	$\frac{16}{49}$	$\frac{33}{98}$	$\Phi_{882}^3\ \Phi_{441}\ \Phi_{294}^3\ \Phi_{147}\ \Phi_{126}^3\ \Phi_{63}\ \Phi_{42}^3\ \Phi_{21}\ \Phi_{18}^3\ \Phi_6^3$
110704	1560	1559	$\frac{26}{1559}$	$\frac{207}{1559}$	$\frac{511}{1559}$	$\frac{524}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110705	1560	1559	$\frac{20}{1559}$	$\frac{259}{1559}$	$\frac{513}{1559}$	$\frac{523}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110706	1560	1878	$\frac{4}{313}$	$\frac{1}{6}$	$\frac{103}{313}$	$\frac{105}{313}$	$\Phi_{1878}\ \Phi_{939}\ \Phi_{626}$
110707	1560	1955	$\frac{4}{391}$	$\frac{1}{5}$	$\frac{129}{391}$	$\frac{131}{391}$	$\Phi_{1955}\ \Phi_{115}\ \Phi_{85}$
110708	1560	1559	$\frac{8}{1559}$	$\frac{517}{1559}$	$\frac{519}{1559}$	$\frac{521}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110709	1560	2343	$\frac{4}{781}$	$\frac{259}{781}$	$\frac{1}{3}$	$\frac{261}{781}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{33}$
110710	1560	588	$\frac{1}{196}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{196}^2\ \Phi_{147}^3\ \Phi_{98}^2\ \Phi_{84}^3\ \Phi_{49}^2\ \Phi_{42}^3\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
110711	1560	1167	$\frac{2}{389}$	$\frac{129}{389}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1167}\ \Phi_{389}^2\ \Phi_3^2\ \Phi_1^4$
110712	1560	1572	$\frac{1}{131}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1572}\ \Phi_{786}\ \Phi_{524}^2\ \Phi_{262}^2$
110713	1560	1167	$\frac{4}{389}$	$\frac{77}{389}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1167}\ \Phi_{389}^2\ \Phi_3^2\ \Phi_1^4$
110714	1560	474	$\frac{1}{79}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{474}^4\ \Phi_{237}^3\ \Phi_{158}^4\ \Phi_{79}^2$
110715	1560	1167	$\frac{5}{389}$	$\frac{64}{389}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1167}\ \Phi_{389}^2\ \Phi_3^2\ \Phi_1^4$
110716	1560	462	$\frac{1}{66}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{42}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^2$
110717	1560	915	$\frac{1}{61}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{915}^2\ \Phi_{305}^2\ \Phi_{183}$
110718	1560	1167	$\frac{9}{389}$	$\frac{38}{389}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1167}\ \Phi_{389}^2\ \Phi_3^2\ \Phi_1^4$
110719	1560	1320	$\frac{1}{40}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}^2\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{22}^2$
110720	1560	1167	$\frac{12}{389}$	$\frac{29}{389}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1167}\ \Phi_{389}^2\ \Phi_3^2\ \Phi_1^4$
110721	1560	1302	$\frac{1}{31}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}^2\ \Phi_{217}^2\ \Phi_{186}\ \Phi_{62}^2$
110722	1560	1167	$\frac{14}{389}$	$\frac{25}{389}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1167}\ \Phi_{389}^2\ \Phi_3^2\ \Phi_1^4$
110723	1560	432	$\frac{1}{27}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{48}^3\ \Phi_{36}^4\ \Phi_{24}^3\ \Phi_{18}^4\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
110724	1560	1455	$\frac{1}{97}$	$\frac{1}{5}$	$\frac{32}{97}$	$\frac{1}{3}$	$\Phi_{1455}^2\ \Phi_{15}^3$
110725	1560	2343	$\frac{10}{781}$	$\frac{131}{781}$	$\frac{257}{781}$	$\frac{1}{3}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{33}$
110726	1560	930	$\frac{2}{155}$	$\frac{1}{6}$	$\frac{51}{155}$	$\frac{1}{3}$	$\Phi_{930}^2\ \Phi_{465}\ \Phi_{310}^2\ \Phi_{186}^2\ \Phi_{155}^2\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
110727	1560	2709	$\frac{2}{129}$	$\frac{1}{7}$	$\frac{127}{387}$	$\frac{1}{3}$	$\Phi_{2709}\ \Phi_{63}\ \Phi_{21}$
110728	1560	2343	$\frac{13}{781}$	$\frac{105}{781}$	$\frac{256}{781}$	$\frac{1}{3}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{33}$
110729	1560	1785	$\frac{2}{119}$	$\frac{2}{15}$	$\frac{39}{119}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}\ \Phi_{85}\ \Phi_{35}\ \Phi_{17}\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
110730	1560	231	$\frac{2}{77}$	$\frac{1}{11}$	$\frac{25}{77}$	$\frac{1}{3}$	$\Phi_{231}^{10}\ \Phi_{33}^{11}\ \Phi_{21}^{10}\ \Phi_3^{10}$
110731	1560	1248	$\frac{1}{32}$	$\frac{1}{13}$	$\frac{31}{96}$	$\frac{1}{3}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}^2\ \Phi_{312}\ \Phi_{208}^2\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
110732	1560	2478	$\frac{2}{59}$	$\frac{1}{14}$	$\frac{19}{59}$	$\frac{1}{3}$	$\Phi_{2478}\ \Phi_{1239}\ \Phi_{354}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{6}^2$
110733	1560	2343	$\frac{28}{781}$	$\frac{53}{781}$	$\frac{251}{781}$	$\frac{1}{3}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{33}$
110734	1560	2448	$\frac{2}{51}$	$\frac{1}{16}$	$\frac{49}{153}$	$\frac{1}{3}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
110735	1560	2343	$\frac{37}{781}$	$\frac{41}{781}$	$\frac{248}{781}$	$\frac{1}{3}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{33}$
110736	1560	399	$\frac{1}{21}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{399}^4\ \Phi_{133}^4\ \Phi_{57}^2\ \Phi_{21}^6\ \Phi_{19}^4\ \Phi_{7}^6\ \Phi_{3}^3\ \Phi_{1}^6$
110737	1560	783	$\frac{1}{27}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{783}^2\ \Phi_{261}^2\ \Phi_{87}\ \Phi_{29}^2\ \Phi_{27}^4\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^4$
110738	1560	2343	$\frac{27}{781}$	$\frac{58}{781}$	$\frac{241}{781}$	$\frac{1}{3}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{33}$
110739	1560	2343	$\frac{21}{781}$	$\frac{76}{781}$	$\frac{235}{781}$	$\frac{1}{3}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{33}$
110740	1560	1113	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{1113}^2\ \Phi_{159}^3$
110741	1560	1098	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{1098}^2\ \Phi_{549}^2\ \Phi_{183}$
110742	1560	66	$\frac{1}{66}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{66}^{24}\ \Phi_{33}^{23}\ \Phi_{22}^{24}\ \Phi_{11}^{24}\ \Phi_{6}^{24}\ \Phi_{3}^{22}\ \Phi_{2}^{24}\ \Phi_{1}^{24}$
110743	1560	213	$\frac{1}{71}$	$\frac{14}{71}$	$\frac{19}{71}$	$\frac{1}{3}$	$\Phi_{213}^{11}\ \Phi_{3}^{10}$
110744	1560	2133	$\frac{1}{79}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{2133}\ \Phi_{237}$
110745	1560	2343	$\frac{9}{781}$	$\frac{193}{781}$	$\frac{196}{781}$	$\frac{1}{3}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{33}$
110746	1560	3108	$\frac{3}{259}$	$\frac{64}{259}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3108}\ \Phi_{1554}\ \Phi_{444}\ \Phi_{222}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_{6}^2$
110747	1560	660	$\frac{1}{66}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^4\ \Phi_{330}^2\ \Phi_{220}^4\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{60}^3\ \Phi_{55}^2\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{5}^2$
110748	1560	3108	$\frac{4}{259}$	$\frac{51}{259}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3108}\ \Phi_{1554}\ \Phi_{444}\ \Phi_{222}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_{6}^2$
110749	1560	2928	$\frac{1}{61}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2928}\ \Phi_{1464}\ \Phi_{183}$
110750	1560	636	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{636}^3\ \Phi_{318}\ \Phi_{212}^4\ \Phi_{159}^2\ \Phi_{106}^2\ \Phi_{53}^2$
110751	1560	1596	$\frac{3}{133}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1596}^2\ \Phi_{798}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_{6}^2$
110752	1560	2460	$\frac{1}{41}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{820}\ \Phi_{410}\ \Phi_{164}\ \Phi_{82}$
110753	1560	444	$\frac{1}{37}$	$\frac{9}{74}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{444}^7\ \Phi_{222}^3\ \Phi_{111}^4\ \Phi_{12}^8\ \Phi_{6}^4\ \Phi_{3}^4$
110754	1560	3108	$\frac{9}{259}$	$\frac{25}{259}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3108}\ \Phi_{1554}\ \Phi_{444}\ \Phi_{222}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_{6}^2$
110755	1560	1188	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{22}^2$
110756	1560	2652	$\frac{3}{68}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{663}\ \Phi_{39}$
110757	1560	3108	$\frac{12}{259}$	$\frac{19}{259}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3108}\ \Phi_{1554}\ \Phi_{444}\ \Phi_{222}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_{6}^2$
110758	1560	84	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^{24}\ \Phi_{42}^{11}\ \Phi_{28}^{26}\ \Phi_{21}^{13}\ \Phi_{14}^{12}\ \Phi_{12}^{25}\ \Phi_{7}^{14}\ \Phi_{6}^{12}\ \Phi_{4}^{26}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
110759	1560	930	$\frac{3}{155}$	$\frac{1}{6}$	$\frac{38}{155}$	$\frac{1}{3}$	$\Phi_{930}^2\ \Phi_{465}\ \Phi_{310}^2\ \Phi_{186}^2\ \Phi_{155}^2\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{6}^4\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
110760	1560	2343	$\frac{17}{781}$	$\frac{118}{781}$	$\frac{191}{781}$	$\frac{1}{3}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{33}$
110761	1560	1806	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{21}{86}$	$\frac{1}{3}$	$\Phi_{1806}^2\ \Phi_{903}\ \Phi_{42}^2\ \Phi_{21}^2$
110762	1560	1785	$\frac{3}{119}$	$\frac{2}{15}$	$\frac{29}{119}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}\ \Phi_{85}\ \Phi_{35}\ \Phi_{17}\ \Phi_{15}^2\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{1}^2$
110763	1560	2478	$\frac{3}{59}$	$\frac{1}{14}$	$\frac{14}{59}$	$\frac{1}{3}$	$\Phi_{2478}\ \Phi_{1239}\ \Phi_{354}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{6}^2$
110764	1560	816	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{816}^3\ \Phi_{408}^3\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_{6}^4$
110765	1560	2343	$\frac{46}{781}$	$\frac{49}{781}$	$\frac{183}{781}$	$\frac{1}{3}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{33}$
110766	1560	2343	$\frac{40}{781}$	$\frac{57}{781}$	$\frac{181}{781}$	$\frac{1}{3}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{33}$
110767	1560	2100	$\frac{1}{25}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{140}\ \Phi_{100}\ \Phi_{75}\ \Phi_{70}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
110768	1560	1800	$\frac{1}{25}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
110769	1560	2280	$\frac{1}{40}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{120}^2\ \Phi_{114}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2$
110770	1560	2343	$\frac{16}{781}$	$\frac{153}{781}$	$\frac{157}{781}$	$\frac{1}{3}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{33}$
110771	1560	1455	$\frac{2}{97}$	$\frac{19}{97}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1455}^2\ \Phi_{15}^3$
110772	1560	120	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^{16}\ \Phi_{30}^{10}\ \Phi_{24}^{12}\ \Phi_{20}^{16}\ \Phi_{15}^{11}\ \Phi_{12}^{12}\ \Phi_{10}^{14}\ \Phi_8^{16}\ \Phi_6^{12}\ \Phi_5^{14}\ \Phi_4^{16}\ \Phi_3^{12}\ \Phi_2^{16}\ \Phi_1^{16}$
110773	1560	465	$\frac{1}{31}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{465}^3\ \Phi_{155}^4\ \Phi_{93}^4\ \Phi_{31}^4$
110774	1560	1455	$\frac{6}{97}$	$\frac{7}{97}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1455}^2\ \Phi_{15}^3$
110775	1560	1680	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1680}^2\ \Phi_{840}^2\ \Phi_{420}^2\ \Phi_{240}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{60}\ \Phi_{15}$
110776	1560	903	$\frac{4}{129}$	$\frac{1}{7}$	$\frac{25}{129}$	$\frac{1}{3}$	$\Phi_{903}^2\ \Phi_{301}^2\ \Phi_{21}^3\ \Phi_7^2$
110777	1560	2343	$\frac{26}{781}$	$\frac{105}{781}$	$\frac{151}{781}$	$\frac{1}{3}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{33}$
110778	1560	1785	$\frac{4}{119}$	$\frac{2}{15}$	$\frac{23}{119}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}\ \Phi_{85}\ \Phi_{35}\ \Phi_{17}\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
110779	1560	624	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{3}{16}$	$\frac{1}{3}$	$\Phi_{624}^4\ \Phi_{312}^4\ \Phi_{156}^4\ \Phi_{78}^4\ \Phi_{39}^5$
110780	1560	2478	$\frac{4}{59}$	$\frac{1}{14}$	$\frac{11}{59}$	$\frac{1}{3}$	$\Phi_{2478}\ \Phi_{1239}\ \Phi_{354}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
110781	1560	2343	$\frac{53}{781}$	$\frac{56}{781}$	$\frac{145}{781}$	$\frac{1}{3}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{33}$
110782	1560	2343	$\frac{49}{781}$	$\frac{61}{781}$	$\frac{144}{781}$	$\frac{1}{3}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{33}$
110783	1560	165	$\frac{3}{55}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{165}^{15}\ \Phi_{33}^{11}\ \Phi_{15}^{15}\ \Phi_3^{10}$
110784	1560	783	$\frac{1}{27}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{783}^2\ \Phi_{261}^2\ \Phi_{87}\ \Phi_{29}^2\ \Phi_{27}^4\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
110785	1560	2343	$\frac{25}{781}$	$\frac{126}{781}$	$\frac{131}{781}$	$\frac{1}{3}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{33}$
110786	1560	186	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{186}^{10}\ \Phi_{93}^5\ \Phi_{62}^{10}\ \Phi_{31}^{10}\ \Phi_6^{12}\ \Phi_3^6\ \Phi_2^{12}\ \Phi_1^{12}$
110787	1560	378	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{378}^6\ \Phi_{189}^4\ \Phi_{126}^6\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^2$
110788	1560	150	$\frac{1}{25}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{150}^{13}\ \Phi_{75}^9\ \Phi_{50}^{13}\ \Phi_{30}^{10}\ \Phi_{25}^8\ \Phi_{15}^7\ \Phi_{10}^{10}\ \Phi_6^{12}\ \Phi_5^6\ \Phi_3^8\ \Phi_2^{12}\ \Phi_1^8$
110789	1560	930	$\frac{11}{155}$	$\frac{12}{155}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{930}^2\ \Phi_{465}\ \Phi_{310}^2\ \Phi_{186}^2\ \Phi_{155}^2\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
110790	1560	546	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{546}^3\ \Phi_{273}^3\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{78}\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2$
110791	1560	1785	$\frac{5}{119}$	$\frac{2}{15}$	$\frac{19}{119}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}\ \Phi_{85}\ \Phi_{35}\ \Phi_{17}\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
110792	1560	231	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{12}{77}$	$\frac{1}{3}$	$\Phi_{231}^{10}\ \Phi_{33}^{11}\ \Phi_{21}^{10}\ \Phi_3^{10}$
110793	1560	213	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{11}{71}$	$\frac{1}{3}$	$\Phi_{213}^{11}\ \Phi_3^{10}$
110794	1560	2478	$\frac{1}{14}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{1}{3}$	$\Phi_{2478}\ \Phi_{1239}\ \Phi_{354}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
110795	1560	2343	$\frac{51}{781}$	$\frac{73}{781}$	$\frac{118}{781}$	$\frac{1}{3}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{33}$
110796	1560	105	$\frac{1}{21}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{105}^{17}\ \Phi_{35}^{17}\ \Phi_{21}^6\ \Phi_{15}^{18}\ \Phi_7^5\ \Phi_5^{18}\ \Phi_3^6\ \Phi_1^6$
110797	1560	903	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{903}^3\ \Phi_{21}^4$
110798	1560	462	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{462}^6\ \Phi_{231}^5\ \Phi_{66}^6\ \Phi_{33}^6$
110799	1560	255	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{255}^7\ \Phi_{85}^7\ \Phi_{17}^7\ \Phi_{15}^8\ \Phi_5^8\ \Phi_1^8$
110800	1560	720	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^2\ \Phi_{180}^3\ \Phi_{144}\ \Phi_{120}^2\ \Phi_{90}^3\ \Phi_{80}^2\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
110801	1560	1785	$\frac{9}{119}$	$\frac{11}{119}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}\ \Phi_{85}\ \Phi_{35}\ \Phi_{17}\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
110802	1560	2145	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{143}$
110803	1560	2541	$\frac{67}{847}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{3}$	$\Phi_{2541}\ \Phi_{363}\ \Phi_{33}$
110804	1560	936	$\frac{1}{13}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}\ \Phi_{234}^2\ \Phi_{156}\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2$
110805	1560	132	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{3}$	$\Phi_{132}^{20}\ \Phi_{66}^{20}\ \Phi_{33}^{11}\ \Phi_{12}^{20}\ \Phi_6^{20}\ \Phi_3^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
110806	1560	2142	$\frac{2}{119}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{39}{119}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{306}\ \Phi_{153}\ \Phi_{126}\ \Phi_{119}\ \Phi_{63}\ \Phi_{18}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
110807	1560	1904	$\frac{2}{119}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{39}{119}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{272}\ \Phi_{136}\ \Phi_{119}\ \Phi_{112}\ \Phi_{56}\ \Phi_{17}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
110808	1560	1463	$\frac{2}{77}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{25}{77}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{133}\ \Phi_{77}^2\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
110809	1560	2310	$\frac{2}{77}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{25}{77}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{110}\ \Phi_{105}\ \Phi_{70}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
110810	1560	1559	$\frac{47}{1559}$	$\frac{211}{1559}$	$\frac{337}{1559}$	$\frac{504}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110811	1560	2208	$\frac{1}{32}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{31}{96}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}^2\ \Phi_{69}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
110812	1560	288	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{31}{96}$	$\Phi_{288}^6\ \Phi_{144}^6\ \Phi_{96}^3\ \Phi_{72}^6\ \Phi_{48}^3\ \Phi_{36}^7\ \Phi_{32}^6\ \Phi_{24}^3\ \Phi_{18}^7\ \Phi_{16}^6\ \Phi_{12}^4\ \Phi_9^6\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
110813	1560	2208	$\frac{1}{32}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{31}{96}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}^2\ \Phi_{69}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
110814	1560	3360	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{31}{96}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{35}$
110815	1560	1878	$\frac{10}{313}$	$\frac{1}{6}$	$\frac{53}{313}$	$\frac{101}{313}$	$\Phi_{1878}\ \Phi_{939}\ \Phi_{626}$
110816	1560	1559	$\frac{50}{1559}$	$\frac{259}{1559}$	$\frac{264}{1559}$	$\frac{503}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110817	1560	1955	$\frac{13}{391}$	$\frac{53}{391}$	$\frac{1}{5}$	$\frac{126}{391}$	$\Phi_{1955}\ \Phi_{115}\ \Phi_{85}$
110818	1560	885	$\frac{2}{59}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{19}{59}$	$\Phi_{885}^2\ \Phi_{295}\ \Phi_{177}^2\ \Phi_{59}^2\ \Phi_{15}^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
110819	1560	252	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{19}{84}$	$\frac{9}{28}$	$\Phi_{252}^7\ \Phi_{126}^7\ \Phi_{84}^4\ \Phi_{63}^7\ \Phi_{42}^4\ \Phi_{36}^7\ \Phi_{28}^6\ \Phi_{21}^4\ \Phi_{18}^7\ \Phi_{14}^6\ \Phi_{12}^4\ \Phi_9^6\ \Phi_7^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
110820	1560	247	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{6}{19}$	$\Phi_{247}^6\ \Phi_{19}^8\ \Phi_{13}^9\ \Phi_1^{12}$
110821	1560	1045	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{6}{19}$	$\Phi_{1045}^2\ \Phi_{55}^3$
110822	1560	741	$\frac{1}{19}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{6}{19}$	$\Phi_{741}^2\ \Phi_{247}^2\ \Phi_{57}^2\ \Phi_{39}^3\ \Phi_{19}^4\ \Phi_{13}^3\ \Phi_3^3\ \Phi_1^6$
110823	1560	342	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{6}{19}$	$\Phi_{342}^6\ \Phi_{171}^4\ \Phi_{114}^4\ \Phi_{57}^2\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{18}^9\ \Phi_9^6\ \Phi_6^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
110824	1560	1559	$\frac{92}{1559}$	$\frac{107}{1559}$	$\frac{363}{1559}$	$\frac{489}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110825	1560	1559	$\frac{98}{1559}$	$\frac{134}{1559}$	$\frac{285}{1559}$	$\frac{487}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110826	1560	189	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{59}{189}$	$\Phi_{189}^{12}\ \Phi_{63}\ \Phi_{27}^{12}\ \Phi_{21}$
110827	1560	1727	$\frac{10}{157}$	$\frac{1}{11}$	$\frac{27}{157}$	$\frac{49}{157}$	Φ_{1727}
110828	1560	1764	$\frac{13}{196}$	$\frac{1}{9}$	$\frac{27}{196}$	$\frac{61}{196}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{252}\ \Phi_{147}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
110829	1560	2160	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{31}{135}$	$\frac{14}{45}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{60}\ \Phi_{54}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
110830	1560	1559	$\frac{107}{1559}$	$\frac{168}{1559}$	$\frac{215}{1559}$	$\frac{484}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110831	1560	493	$\frac{1}{17}$	$\frac{2}{29}$	$\frac{4}{17}$	$\frac{9}{29}$	$\Phi_{493}^3\ \Phi_{29}^4\ \Phi_{17}^6\ \Phi_1^8$
110832	1560	2030	$\frac{2}{29}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{9}{29}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{290}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{10}^2$
110833	1560	1878	$\frac{22}{313}$	$\frac{27}{313}$	$\frac{1}{6}$	$\frac{97}{313}$	$\Phi_{1878}\ \Phi_{939}\ \Phi_{626}$
110834	1560	1559	$\frac{110}{1559}$	$\frac{129}{1559}$	$\frac{269}{1559}$	$\frac{483}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110835	1560	1955	$\frac{27}{391}$	$\frac{28}{391}$	$\frac{1}{5}$	$\frac{121}{391}$	$\Phi_{1955}\ \Phi_{115}\ \Phi_{85}$
110836	1560	1559	$\frac{83}{1559}$	$\frac{119}{1559}$	$\frac{369}{1559}$	$\frac{480}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110837	1560	1200	$\frac{1}{16}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{75}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{300}^2\ \Phi_{240}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{80}\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6^2$
110838	1560	1694	$\frac{1}{14}$	$\frac{10}{121}$	$\frac{21}{121}$	$\frac{37}{121}$	$\Phi_{1694}\ \Phi_{847}\ \Phi_{242}\ \Phi_{154}\ \Phi_{77}\ \Phi_{22}$
110839	1560	935	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{1}{5}$	$\frac{57}{187}$	$\Phi_{935}^2\ \Phi_{85}^3\ \Phi_{55}^2\ \Phi_5^2$
110840	1560	1564	$\frac{3}{68}$	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{1564}\ \Phi_{782}\ \Phi_{391}\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{23}\ \Phi_{17}^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
110841	1560	368	$\frac{1}{16}$	$\frac{2}{23}$	$\frac{3}{16}$	$\frac{7}{23}$	$\Phi_{368}^4\ \Phi_{184}^4\ \Phi_{92}^4\ \Phi_{46}^4\ \Phi_{23}^5\ \Phi_{16}^8\ \Phi_{8}^8\ \Phi_{4}^8\ \Phi_{2}^8\ \Phi_{1}^{10}$
110842	1560	966	$\frac{1}{14}$	$\frac{2}{23}$	$\frac{1}{6}$	$\frac{7}{23}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{322}\ \Phi_{161}\ \Phi_{138}\ \Phi_{69}\ \Phi_{42}^4\ \Phi_{23}\ \Phi_{21}^4\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
110843	1560	1656	$\frac{2}{23}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{7}{23}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{138}\ \Phi_{72}^2\ \Phi_{69}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
110844	1560	1559	$\frac{99}{1559}$	$\frac{146}{1559}$	$\frac{272}{1559}$	$\frac{471}{1559}$	$\Phi_{1559}\ \Phi_{1}^2$
110845	1560	1955	$\frac{21}{391}$	$\frac{37}{391}$	$\frac{1}{5}$	$\frac{118}{391}$	$\Phi_{1955}\ \Phi_{115}\ \Phi_{85}$
110846	1560	1559	$\frac{84}{1559}$	$\frac{158}{1559}$	$\frac{295}{1559}$	$\frac{467}{1559}$	$\Phi_{1559}\ \Phi_{1}^2$
110847	1560	1694	$\frac{1}{14}$	$\frac{13}{121}$	$\frac{17}{121}$	$\frac{36}{121}$	$\Phi_{1694}\ \Phi_{847}\ \Phi_{242}\ \Phi_{154}\ \Phi_{77}\ \Phi_{22}$
110848	1560	1559	$\frac{103}{1559}$	$\frac{182}{1559}$	$\frac{220}{1559}$	$\frac{459}{1559}$	$\Phi_{1559}\ \Phi_{1}^2$
110849	1560	340	$\frac{3}{68}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{340}^6\ \Phi_{170}^6\ \Phi_{85}^5\ \Phi_{20}^6\ \Phi_{10}^6\ \Phi_{5}^4$
110850	1560	1878	$\frac{17}{313}$	$\frac{37}{313}$	$\frac{1}{6}$	$\frac{92}{313}$	$\Phi_{1878}\ \Phi_{939}\ \Phi_{626}$
110851	1560	460	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{1}{5}$	$\frac{27}{92}$	$\Phi_{460}^4\ \Phi_{230}^4\ \Phi_{115}^5\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_{5}^4$
110852	1560	2352	$\frac{1}{16}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{147}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
110853	1560	721	$\frac{3}{103}$	$\frac{1}{7}$	$\frac{25}{103}$	$\frac{2}{7}$	$\Phi_{721}^2\ \Phi_{103}^3\ \Phi_{7}^4\ \Phi_{1}^6$
110854	1560	945	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{135}^3\ \Phi_{105}^2\ \Phi_{45}^3\ \Phi_{15}^3$
110855	1560	721	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{721}^2\ \Phi_{103}^3\ \Phi_{7}^4\ \Phi_{1}^6$
110856	1560	126	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{126}^{15}\ \Phi_{63}^{13}\ \Phi_{42}^{15}\ \Phi_{21}^{13}\ \Phi_{18}^{15}\ \Phi_{9}^{12}\ \Phi_{6}^{15}\ \Phi_{3}^{12}$
110857	1560	1559	$\frac{43}{1559}$	$\frac{236}{1559}$	$\frac{379}{1559}$	$\frac{441}{1559}$	$\Phi_{1559}\ \Phi_{1}^2$
110858	1560	1647	$\frac{1}{27}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	$\Phi_{1647}\ \Phi_{549}\ \Phi_{183}$
110859	1560	1476	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{1476}^2\ \Phi_{738}\ \Phi_{369}\ \Phi_{164}\ \Phi_{82}$
110860	1560	2142	$\frac{3}{119}$	$\frac{1}{6}$	$\frac{29}{119}$	$\frac{5}{18}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{306}\ \Phi_{153}\ \Phi_{126}\ \Phi_{119}\ \Phi_{63}\ \Phi_{18}^2\ \Phi_{17}\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
110861	1560	2790	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{2790}\ \Phi_{1395}\ \Phi_{155}$
110862	1560	2142	$\frac{4}{119}$	$\frac{1}{6}$	$\frac{23}{119}$	$\frac{5}{18}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{306}\ \Phi_{153}\ \Phi_{126}\ \Phi_{119}\ \Phi_{63}\ \Phi_{18}^2\ \Phi_{17}\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
110863	1560	450	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{450}^5\ \Phi_{225}^5\ \Phi_{150}\ \Phi_{90}^5\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}^5\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
110864	1560	2142	$\frac{5}{119}$	$\frac{19}{119}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{306}\ \Phi_{153}\ \Phi_{126}\ \Phi_{119}\ \Phi_{63}\ \Phi_{18}^2\ \Phi_{17}\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
110865	1560	126	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{126}^{17}\ \Phi_{63}^{17}\ \Phi_{21}^6\ \Phi_{18}^{18}\ \Phi_{9}^{18}\ \Phi_{7}^5\ \Phi_{3}^6\ \Phi_{1}^6$
110866	1560	306	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{306}^7\ \Phi_{153}^7\ \Phi_{18}^8\ \Phi_{17}^7\ \Phi_{9}^8\ \Phi_{1}^8$
110867	1560	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{144}^{11}\ \Phi_{72}^{11}\ \Phi_{48}^{13}\ \Phi_{36}^{11}\ \Phi_{24}^{13}\ \Phi_{18}^6\ \Phi_{16}^{12}\ \Phi_{12}^{13}\ \Phi_{9}^5\ \Phi_{8}^{12}\ \Phi_{6}^7\ \Phi_{4}^{12}\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^6$
110868	1560	2142	$\frac{9}{119}$	$\frac{11}{119}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{306}\ \Phi_{153}\ \Phi_{126}\ \Phi_{119}\ \Phi_{63}\ \Phi_{18}^2\ \Phi_{17}\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
110869	1560	2574	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{143}$
110870	1560	1559	$\frac{87}{1559}$	$\frac{184}{1559}$	$\frac{275}{1559}$	$\frac{428}{1559}$	$\Phi_{1559}\ \Phi_{1}^2$
110871	1560	946	$\frac{1}{43}$	$\frac{2}{11}$	$\frac{21}{86}$	$\frac{3}{11}$	$\Phi_{946}^2\ \Phi_{473}\ \Phi_{86}^4\ \Phi_{43}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{2}^4\ \Phi_{1}^4$
110872	1560	1419	$\frac{4}{129}$	$\frac{2}{11}$	$\frac{25}{129}$	$\frac{3}{11}$	$\Phi_{1419}\ \Phi_{473}\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_{3}^2\ \Phi_{1}^4$
110873	1560	594	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{594}^3\ \Phi_{297}^2\ \Phi_{198}^3\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{54}^6\ \Phi_{33}\ \Phi_{27}^4\ \Phi_{22}^2\ \Phi_{18}^6\ \Phi_{11}^2\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
110874	1560	473	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{473}^3\ \Phi_{43}^6\ \Phi_{11}^4\ \Phi_{1}^8$
110875	1560	154	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{154}^{11}\ \Phi_{77}^{11}\ \Phi_{22}^{11}\ \Phi_{14}^{10}\ \Phi_{7}^{10}\ \Phi_{2}^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
110876	1560	1559	$\frac{109}{1559}$	$\frac{142}{1559}$	$\frac{290}{1559}$	$\frac{423}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110877	1560	1764	$\frac{11}{196}$	$\frac{1}{9}$	$\frac{37}{196}$	$\frac{53}{196}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{252}\ \Phi_{147}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
110878	1560	1559	$\frac{49}{1559}$	$\frac{285}{1559}$	$\frac{302}{1559}$	$\frac{419}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110879	1560	1955	$\frac{11}{391}$	$\frac{76}{391}$	$\frac{1}{5}$	$\frac{105}{391}$	$\Phi_{1955}\ \Phi_{115}\ \Phi_{85}$
110880	1560	1559	$\frac{44}{1559}$	$\frac{303}{1559}$	$\frac{314}{1559}$	$\frac{415}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110881	1560	1647	$\frac{1}{27}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{1647}\ \Phi_{549}\ \Phi_{183}$
110882	1560	1559	$\frac{89}{1559}$	$\frac{147}{1559}$	$\frac{353}{1559}$	$\frac{402}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110883	1560	1694	$\frac{1}{14}$	$\frac{9}{121}$	$\frac{28}{121}$	$\frac{31}{121}$	$\Phi_{1694}\ \Phi_{847}\ \Phi_{242}\ \Phi_{154}\ \Phi_{77}\ \Phi_{22}$
110884	1560	1559	$\frac{111}{1559}$	$\frac{116}{1559}$	$\frac{362}{1559}$	$\frac{399}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110885	1560	1727	$\frac{9}{157}$	$\frac{1}{11}$	$\frac{37}{157}$	$\frac{40}{157}$	Φ_{1727}
110886	1560	609	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{7}{29}$	$\frac{22}{87}$	$\Phi_{609}^4\ \Phi_{203}\ \Phi_{21}^4$
110887	1560	1559	$\frac{51}{1559}$	$\frac{233}{1559}$	$\frac{377}{1559}$	$\frac{394}{1559}$	$\Phi_{1559}\ \Phi_1^2$
110888	1560	1878	$\frac{9}{313}$	$\frac{1}{6}$	$\frac{76}{313}$	$\frac{79}{313}$	$\Phi_{1878}\ \Phi_{939}\ \Phi_{626}$
110889	1560	656	$\frac{1}{41}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{656}^3\ \Phi_{328}^3\ \Phi_{164}\ \Phi_{82}$
110890	1560	612	$\frac{3}{68}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{204}^3\ \Phi_{153}^3\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
110891	1560	860	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{21}{86}$	$\frac{1}{4}$	$\Phi_{860}^3\ \Phi_{430}\ \Phi_{215}^2\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2$
110892	1560	1904	$\frac{3}{119}$	$\frac{3}{16}$	$\frac{29}{119}$	$\frac{1}{4}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{272}\ \Phi_{136}\ \Phi_{119}\ \Phi_{112}\ \Phi_{56}\ \Phi_{17}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
110893	1560	1236	$\frac{3}{103}$	$\frac{1}{6}$	$\frac{25}{103}$	$\frac{1}{4}$	$\Phi_{1236}^2\ \Phi_{618}\ \Phi_{412}\ \Phi_{309}\ \Phi_{103}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
110894	1560	2084	$\frac{17}{521}$	$\frac{79}{521}$	$\frac{126}{521}$	$\frac{1}{4}$	$\Phi_{2084}\ \Phi_{1042}$
110895	1560	2304	$\frac{3}{64}$	$\frac{1}{9}$	$\frac{61}{256}$	$\frac{1}{4}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
110896	1560	748	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{4}{17}$	$\frac{1}{4}$	$\Phi_{748}^3\ \Phi_{374}^3\ \Phi_{44}^4\ \Phi_{22}^4$
110897	1560	2084	$\frac{37}{521}$	$\frac{40}{521}$	$\frac{121}{521}$	$\frac{1}{4}$	$\Phi_{2084}\ \Phi_{1042}$
110898	1560	364	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{364}^6\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{52}^3\ \Phi_{28}^8\ \Phi_{14}^4\ \Phi_{13}^3\ \Phi_7^4\ \Phi_4^4\ \Phi_1^4$
110899	1560	2084	$\frac{31}{521}$	$\frac{49}{521}$	$\frac{118}{521}$	$\frac{1}{4}$	$\Phi_{2084}\ \Phi_{1042}$
110900	1560	1564	$\frac{3}{68}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{1564}\ \Phi_{782}\ \Phi_{391}\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{23}\ \Phi_{17}^2\ \Phi_1^2$
110901	1560	2052	$\frac{1}{27}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{114}\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
110902	1560	2084	$\frac{16}{521}$	$\frac{101}{521}$	$\frac{105}{521}$	$\frac{1}{4}$	$\Phi_{2084}\ \Phi_{1042}$
110903	1560	2580	$\frac{4}{129}$	$\frac{25}{129}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{860}\ \Phi_{430}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
110904	1560	2480	$\frac{1}{31}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2480}\ \Phi_{1240}\ \Phi_{155}$
110905	1560	540	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{540}^5\ \Phi_{270}^2\ \Phi_{180}^5\ \Phi_{135}^3\ \Phi_{90}^2\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
110906	1560	2380	$\frac{3}{68}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{595}\ \Phi_{35}$
110907	1560	420	$\frac{1}{21}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^5\ \Phi_{84}^6\ \Phi_{70}^5\ \Phi_{60}^3\ \Phi_{42}^6\ \Phi_{30}^3\ \Phi_{28}^6\ \Phi_{20}^4\ \Phi_{14}^6\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
110908	1560	860	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{860}^3\ \Phi_{430}^3\ \Phi_{20}^4\ \Phi_{10}^4$
110909	1560	1540	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1540}^2\ \Phi_{770}\ \Phi_{385}\ \Phi_{220}\ \Phi_{55}$
110910	1560	1904	$\frac{4}{119}$	$\frac{3}{16}$	$\frac{23}{119}$	$\frac{1}{4}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{272}\ \Phi_{136}\ \Phi_{119}\ \Phi_{112}\ \Phi_{56}\ \Phi_{17}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
110911	1560	1200	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}\ \Phi_{240}^2\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}^2\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
110912	1560	1904	$\frac{5}{119}$	$\frac{19}{119}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{272}\ \Phi_{136}\ \Phi_{119}\ \Phi_{112}\ \Phi_{56}\ \Phi_{17}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
110913	1560	336	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{336}^{6}\ \Phi_{168}^{6}\ \Phi_{112}^{5}\ \Phi_{56}^{5}\ \Phi_{48}^{6}\ \Phi_{24}^{6}\ \Phi_{21}^{6}\ \Phi_{16}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
110914	1560	272	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{272}^{7}\ \Phi_{136}^{7}\ \Phi_{17}^{8}\ \Phi_{16}^{8}\ \Phi_{8}^{8}\ \Phi_{1}^{8}$
110915	1560	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{144}^{12}\ \Phi_{72}^{12}\ \Phi_{48}^{12}\ \Phi_{36}^{13}\ \Phi_{24}^{12}\ \Phi_{18}^{13}\ \Phi_{12}^{13}\ \Phi_{9}^{12}\ \Phi_{6}^{13}\ \Phi_{3}^{12}$
110916	1560	1904	$\frac{9}{119}$	$\frac{11}{119}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{272}\ \Phi_{136}\ \Phi_{119}\ \Phi_{112}\ \Phi_{56}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
110917	1560	2288	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2288}\ \Phi_{1144}\ \Phi_{143}$
110918	1560	2084	$\frac{36}{521}$	$\frac{53}{521}$	$\frac{97}{521}$	$\frac{1}{4}$	$\Phi_{2084}\ \Phi_{1042}$
110919	1560	1092	$\frac{1}{14}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{4}$	$\Phi_{1092}^{2}\ \Phi_{546}\ \Phi_{364}^{2}\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}^{2}\ \Phi_{52}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}^{4}\ \Phi_{21}\ \Phi_{14}^{2}\ \Phi_{13}\ \Phi_{12}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
110920	1560	2084	$\frac{33}{521}$	$\frac{61}{521}$	$\frac{92}{521}$	$\frac{1}{4}$	$\Phi_{2084}\ \Phi_{1042}$
110921	1560	1236	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1236}^{2}\ \Phi_{618}\ \Phi_{412}\ \Phi_{309}\ \Phi_{103}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
110922	1560	252	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{252}^{10}\ \Phi_{126}^{5}\ \Phi_{84}^{6}\ \Phi_{63}^{5}\ \Phi_{42}^{3}\ \Phi_{36}^{5}\ \Phi_{28}^{8}\ \Phi_{21}^{3}\ \Phi_{18}^{3}\ \Phi_{14}^{4}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
110923	1560	2016	$\frac{3}{32}$	$\frac{1}{9}$	$\frac{29}{224}$	$\frac{1}{4}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
110924	1560	72	$\frac{7}{72}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{72}^{21}\ \Phi_{36}^{22}\ \Phi_{24}^{21}\ \Phi_{18}^{22}\ \Phi_{12}^{22}\ \Phi_{9}^{21}\ \Phi_{8}^{24}\ \Phi_{6}^{22}\ \Phi_{4}^{24}\ \Phi_{3}^{21}\ \Phi_{2}^{24}\ \Phi_{1}^{24}$
110925	1560	230	$\frac{1}{23}$	$\frac{7}{46}$	$\frac{1}{5}$	$\frac{11}{46}$	$\Phi_{230}^{8}\ \Phi_{115}^{9}\ \Phi_{10}^{8}\ \Phi_{5}^{8}$
110926	1560	885	$\frac{3}{59}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{14}{59}$	$\Phi_{885}^{2}\ \Phi_{295}\ \Phi_{177}^{2}\ \Phi_{59}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
110927	1560	493	$\frac{1}{17}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{4}{17}$	$\Phi_{493}^{3}\ \Phi_{29}^{4}\ \Phi_{17}^{6}\ \Phi_{1}^{8}$
110928	1560	714	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{4}{17}$	$\Phi_{714}^{3}\ \Phi_{357}^{3}\ \Phi_{238}^{3}\ \Phi_{42}^{4}\ \Phi_{21}^{4}\ \Phi_{14}^{4}$
110929	1560	1559	$\frac{99}{1559}$	$\frac{199}{1559}$	$\frac{272}{1559}$	$\frac{365}{1559}$	$\Phi_{1559}\ \Phi_{1}^{2}$
110930	1560	1827	$\frac{17}{261}$	$\frac{1}{7}$	$\frac{40}{261}$	$\frac{61}{261}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{203}\ \Phi_{63}\ \Phi_{21}$
110931	1560	1559	$\frac{103}{1559}$	$\frac{220}{1559}$	$\frac{239}{1559}$	$\frac{364}{1559}$	$\Phi_{1559}\ \Phi_{1}^{2}$
110932	1560	1878	$\frac{21}{313}$	$\frac{40}{313}$	$\frac{1}{6}$	$\frac{73}{313}$	$\Phi_{1878}\ \Phi_{939}\ \Phi_{626}$
110933	1560	252	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{19}{84}$	$\Phi_{252}^{9}\ \Phi_{126}^{9}\ \Phi_{84}^{6}\ \Phi_{63}\ \Phi_{42}^{6}\ \Phi_{36}^{9}\ \Phi_{28}^{6}\ \Phi_{21}\ \Phi_{18}^{9}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
110934	1560	504	$\frac{7}{72}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{9}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{168}^{4}\ \Phi_{126}^{4}\ \Phi_{84}^{4}\ \Phi_{63}\ \Phi_{56}^{4}\ \Phi_{42}^{4}\ \Phi_{28}^{4}\ \Phi_{21}\ \Phi_{14}^{4}$
110935	1560	345	$\frac{4}{69}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{5}{23}$	$\Phi_{345}^{6}\ \Phi_{115}^{5}\ \Phi_{15}^{6}\ \Phi_{5}^{4}$
110936	1560	368	$\frac{1}{16}$	$\frac{3}{23}$	$\frac{3}{16}$	$\frac{5}{23}$	$\Phi_{368}^{4}\ \Phi_{184}^{4}\ \Phi_{92}^{4}\ \Phi_{46}^{4}\ \Phi_{23}^{5}\ \Phi_{16}^{8}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
110937	1560	966	$\frac{1}{14}$	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{5}{23}$	$\Phi_{966}^{2}\ \Phi_{483}^{2}\ \Phi_{322}\ \Phi_{161}\ \Phi_{138}\ \Phi_{69}\ \Phi_{42}^{4}\ \Phi_{23}\ \Phi_{21}^{4}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
110938	1560	1656	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{3}{23}$	$\frac{5}{23}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{138}\ \Phi_{72}^{2}\ \Phi_{69}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{23}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
110939	1560	1559	$\frac{94}{1559}$	$\frac{211}{1559}$	$\frac{293}{1559}$	$\frac{337}{1559}$	$\Phi_{1559}\ \Phi_{1}^{2}$
110940	1560	1694	$\frac{1}{14}$	$\frac{17}{121}$	$\frac{19}{121}$	$\frac{26}{121}$	$\Phi_{1694}\ \Phi_{847}\ \Phi_{242}\ \Phi_{154}\ \Phi_{77}\ \Phi_{22}$
110941	1560	1559	$\frac{101}{1559}$	$\frac{243}{1559}$	$\frac{246}{1559}$	$\frac{329}{1559}$	$\Phi_{1559}\ \Phi_{1}^{2}$
110942	1560	1878	$\frac{19}{313}$	$\frac{49}{313}$	$\frac{1}{6}$	$\frac{66}{313}$	$\Phi_{1878}\ \Phi_{939}\ \Phi_{626}$
110943	1560	1463	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{133}\ \Phi_{77}^{2}\ \Phi_{19}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
110944	1560	266	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{266}^{6}\ \Phi_{133}^{5}\ \Phi_{38}^{6}\ \Phi_{19}^{6}\ \Phi_{14}^{12}\ \Phi_{7}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
110945	1560	836	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{836}^{2}\ \Phi_{418}^{2}\ \Phi_{209}\ \Phi_{76}^{2}\ \Phi_{44}^{4}\ \Phi_{38}^{2}\ \Phi_{22}^{4}\ \Phi_{19}^{2}\ \Phi_{11}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
110946	1560	1559	$\frac{95}{1559}$	$\frac{244}{1559}$	$\frac{263}{1559}$	$\frac{324}{1559}$	$\Phi_{1559}\ \Phi_{1}^{2}$
110947	1560	1694	$\frac{1}{14}$	$\frac{16}{121}$	$\frac{21}{121}$	$\frac{25}{121}$	$\Phi_{1694}\ \Phi_{847}\ \Phi_{242}\ \Phi_{154}\ \Phi_{77}\ \Phi_{22}$
110948	1560	1559	$\frac{104}{1559}$	$\frac{207}{1559}$	$\frac{291}{1559}$	$\frac{317}{1559}$	$\Phi_{1559}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
110949	1560	1827	$\frac{16}{261}$	$\frac{1}{7}$	$\frac{49}{261}$	$\frac{53}{261}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{203}\ \Phi_{63}\ \Phi_{21}$
110950	1560	240	$\frac{1}{16}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{80}^5\ \Phi_{60}^8\ \Phi_{48}^8\ \Phi_{40}^5\ \Phi_{30}^8\ \Phi_{24}^8\ \Phi_{20}^5\ \Phi_{16}^4\ \Phi_{12}^8\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^8\ \Phi_4^4\ \Phi_2^4$
110951	1560	560	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{5}$	$\Phi_{560}^4\ \Phi_{280}^4\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{35}^5$
110952	1560	1955	$\frac{26}{391}$	$\frac{53}{391}$	$\frac{73}{391}$	$\frac{1}{5}$	$\Phi_{1955}\ \Phi_{115}\ \Phi_{85}$
110953	1560	885	$\frac{4}{59}$	$\frac{2}{15}$	$\frac{11}{59}$	$\frac{1}{5}$	$\Phi_{885}^2\ \Phi_{295}\ \Phi_{177}^2\ \Phi_{59}^2\ \Phi_{15}^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
110954	1560	85	$\frac{7}{85}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{5}$	$\Phi_{85}^{18}\ \Phi_{17}^{20}\ \Phi_5^{17}\ \Phi_1^{20}$
110955	1560	2030	$\frac{1}{14}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{5}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{290}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{10}^2$
110956	1560	1955	$\frac{25}{391}$	$\frac{61}{391}$	$\frac{66}{391}$	$\frac{1}{5}$	$\Phi_{1955}\ \Phi_{115}\ \Phi_{85}$
110957	1560	2000	$\frac{1}{16}$	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
110958	1560	2310	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{110}\ \Phi_{105}\ \Phi_{70}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
110959	1560	210	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{210}^{11}\ \Phi_{105}^{11}\ \Phi_{70}^5\ \Phi_{35}^6\ \Phi_{30}^{12}\ \Phi_{15}^{12}\ \Phi_{10}^6\ \Phi_5^6$
110960	1560	390	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{390}^5\ \Phi_{195}^3\ \Phi_{130}^5\ \Phi_{78}^6\ \Phi_{65}^4\ \Phi_{39}^4\ \Phi_{26}^6\ \Phi_{13}^4$
110961	1560	660	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{660}^4\ \Phi_{330}^3\ \Phi_{220}^2\ \Phi_{165}^3\ \Phi_{110}\ \Phi_{60}^4\ \Phi_{55}^2\ \Phi_{30}^4\ \Phi_{20}^2\ \Phi_{15}^4\ \Phi_{10}^2\ \Phi_5^2$
110962	1560	885	$\frac{5}{59}$	$\frac{2}{15}$	$\frac{9}{59}$	$\frac{1}{5}$	$\Phi_{885}^2\ \Phi_{295}\ \Phi_{177}^2\ \Phi_{59}^2\ \Phi_{15}^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
110963	1560	230	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{7}{46}$	$\frac{1}{5}$	$\Phi_{230}^{10}\ \Phi_{115}^7\ \Phi_{10}^{10}\ \Phi_5^6$
110964	1560	1155	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{1155}^2\ \Phi_{385}\ \Phi_{231}^2\ \Phi_{77}^2$
110965	1560	2520	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{105}\ \Phi_{35}$
110966	1560	63	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{7}$	$\frac{11}{63}$	$\Phi_{63}^{25}\ \Phi_{21}^{25}\ \Phi_9^{24}\ \Phi_7^{24}\ \Phi_3^{24}\ \Phi_1^{24}$
110967	1560	203	$\frac{3}{29}$	$\frac{4}{29}$	$\frac{1}{7}$	$\frac{5}{29}$	$\Phi_{203}^9\ \Phi_7^8$
110968	1561	2496	$\frac{1}{312}$	$\frac{313}{1248}$	$\frac{935}{2496}$	$\frac{311}{624}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{624}\ \Phi_{208}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
110969	1561	444	$\frac{1}{222}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{221}{444}$	$\Phi_{444}\ \Phi_{222}^6\ \Phi_{148}\ \Phi_{111}^6\ \Phi_{74}^6\ \Phi_{37}^6\ \Phi_{12}^2\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
110970	1561	1332	$\frac{1}{222}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{221}{444}$	$\Phi_{1332}^3\ \Phi_{444}\ \Phi_{148}\ \Phi_{36}^3\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
110971	1561	3104	$\frac{9}{1552}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1543}{3104}$	$\Phi_{3104}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
110972	1561	2880	$\frac{1}{120}$	$\frac{121}{1440}$	$\frac{1319}{2880}$	$\frac{119}{240}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
110973	1561	2160	$\frac{1}{120}$	$\frac{121}{720}$	$\frac{599}{2160}$	$\frac{119}{240}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
110974	1561	1920	$\frac{1}{120}$	$\frac{359}{1920}$	$\frac{121}{480}$	$\frac{119}{240}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
110975	1561	3096	$\frac{13}{1548}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1535}{3096}$	$\Phi_{3096}\ \Phi_{1032}\ \Phi_{344}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
110976	1561	2088	$\frac{5}{522}$	$\frac{1}{6}$	$\frac{527}{2088}$	$\frac{517}{1044}$	$\Phi_{2088}\ \Phi_{696}\ \Phi_{522}\ \Phi_{261}\ \Phi_{232}\ \Phi_{174}\ \Phi_{87}\ \Phi_{72}\ \Phi_{58}\ \Phi_{29}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
110977	1561	416	$\frac{1}{104}$	$\frac{15}{208}$	$\frac{193}{416}$	$\frac{103}{208}$	$\Phi_{416}^7\ \Phi_{208}\ \Phi_{32}^7\ \Phi_{16}\ \Phi_1$
110978	1561	440	$\frac{3}{220}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{217}{440}$	$\Phi_{440}^3\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{88}^3\ \Phi_{55}^4\ \Phi_{44}^4\ \Phi_{40}^3\ \Phi_{22}^4\ \Phi_{20}^4\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_8^6\ \Phi_5^4\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
110979	1561	3072	$\frac{25}{1536}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{1511}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
110980	1561	3072	$\frac{25}{1536}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1511}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
110981	1561	3060	$\frac{31}{1530}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1499}{3060}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{204}\ \Phi_{180}\ \Phi_{68}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
110982	1561	3040	$\frac{1}{40}$	$\frac{41}{1520}$	$\frac{1479}{3040}$	$\frac{39}{80}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{160}\ \Phi_{80}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
110983	1561	300	$\frac{2}{75}$	$\frac{1}{15}$	$\frac{77}{300}$	$\frac{73}{150}$	$\Phi_{300}^7\ \Phi_{100}^7\ \Phi_{75}^7\ \Phi_{60}^7\ \Phi_{25}^7\ \Phi_{20}^7\ \Phi_{15}^6\ \Phi_5^7\ \Phi_{12}^6\ \Phi_5^6\ \Phi_4^7\ \Phi_3^6\ \Phi_1^7$
110984	1561	1736	$\frac{6}{217}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{211}{434}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{248}\ \Phi_{217}\ \Phi_{124}\ \Phi_{56}^2\ \Phi_{31}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
110985	1561	1740	$\frac{5}{174}$	$\frac{179}{1740}$	$\frac{1}{6}$	$\frac{169}{348}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{290}\ \Phi_{174}\ \Phi_{145}\ \Phi_{87}\ \Phi_{60}\ \Phi_{58}\ \Phi_{30}\ \Phi_{29}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
110986	1561	256	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{33}{256}$	$\frac{31}{64}$	$\Phi_{256}^7\ \Phi_{128}^7\ \Phi_{32}^7\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
110987	1561	432	$\frac{7}{216}$	$\frac{1}{24}$	$\frac{23}{72}$	$\frac{209}{432}$	$\Phi_{432}^7\ \Phi_{144}^7\ \Phi_{72}\ \Phi_{48}^7\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}^7\ \Phi_9\ \Phi_1$
110988	1561	432	$\frac{7}{216}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{209}{432}$	$\Phi_{432}^7\ \Phi_{144}^7\ \Phi_{54}\ \Phi_{48}^7\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}^7\ \Phi_9\ \Phi_1$
110989	1561	432	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{209}{432}$	$\Phi_{432}^7\ \Phi_{144}^7\ \Phi_{48}^7\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
110990	1561	1656	$\frac{3}{92}$	$\frac{95}{1656}$	$\frac{1}{4}$	$\frac{89}{184}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{138}\ \Phi_{92}\ \Phi_{72}\ \Phi_{69}\ \Phi_{46}\ \Phi_{36}\ \Phi_{24}\ \Phi_{23}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
110991	1561	3000	$\frac{61}{1500}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{1439}{3000}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{200}\ \Phi_{120}\ \Phi_{75}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_8\ \Phi_1$
110992	1561	2304	$\frac{25}{768}$	$\frac{1}{24}$	$\frac{743}{2304}$	$\frac{23}{48}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
110993	1561	1632	$\frac{1}{24}$	$\frac{71}{1632}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
110994	1561	1920	$\frac{1}{24}$	$\frac{25}{384}$	$\frac{359}{1920}$	$\frac{23}{48}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
110995	1561	1728	$\frac{1}{24}$	$\frac{167}{1728}$	$\frac{25}{192}$	$\frac{23}{48}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
110996	1561	2992	$\frac{65}{1496}$	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{1431}{2992}$	$\Phi_{2992}\ \Phi_{272}\ \Phi_{176}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
110997	1561	2112	$\frac{1}{24}$	$\frac{23}{528}$	$\frac{551}{2112}$	$\frac{505}{1056}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{64}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
110998	1561	1632	$\frac{71}{1632}$	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{102}\ \Phi_{96}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{32}\ \Phi_{24}\ \Phi_{17}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
110999	1561	270	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{47}{270}$	$\frac{43}{90}$	$\Phi_{270}^7\ \Phi_{135}^7\ \Phi_{54}^7\ \Phi_{45}^7\ \Phi_{27}^7\ \Phi_{15}^6\ \Phi_9^7\ \Phi_5^6\ \Phi_3^6\ \Phi_1^7$
111000	1561	2944	$\frac{3}{92}$	$\frac{89}{1472}$	$\frac{1}{4}$	$\frac{1383}{2944}$	$\Phi_{2944}\ \Phi_{128}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_1$
111001	1561	420	$\frac{13}{210}$	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{197}{420}$	$\Phi_{420}^7\ \Phi_{140}^7\ \Phi_{84}^7\ \Phi_{60}^7\ \Phi_{28}^7\ \Phi_{20}^7\ \Phi_{15}^6\ \Phi_{12}^7\ \Phi_5^6\ \Phi_4^7\ \Phi_3^6\ \Phi_1^7$
111002	1561	840	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{197}{420}$	$\Phi_{840}^2\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^4\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^3\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{14}^3\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
111003	1561	1800	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{239}{1800}$	$\frac{211}{450}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
111004	1561	416	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{1}{8}$	$\frac{193}{416}$	$\Phi_{416}^7\ \Phi_{32}^7\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
111005	1561	1716	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{155}{1716}$	$\frac{131}{286}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{156}\ \Phi_{143}\ \Phi_{132}\ \Phi_{78}\ \Phi_{66}\ \Phi_{52}\ \Phi_{44}\ \Phi_{39}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
111006	1561	2880	$\frac{1}{60}$	$\frac{121}{1440}$	$\frac{59}{180}$	$\frac{1319}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{180}\ \Phi_{90}\ \Phi_{64}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
111007	1561	2880	$\frac{1}{40}$	$\frac{121}{1440}$	$\frac{39}{160}$	$\frac{1319}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
111008	1561	2880	$\frac{1}{24}$	$\frac{121}{1440}$	$\frac{23}{144}$	$\frac{1319}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
111009	1561	2860	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{131}{1430}$	$\frac{1299}{2860}$	$\Phi_{2860}\ \Phi_{572}\ \Phi_{260}\ \Phi_{220}\ \Phi_{143}\ \Phi_{52}\ \Phi_{44}\ \Phi_{20}\ \Phi_{11}\ \Phi_4\ \Phi_1$
111010	1561	1620	$\frac{59}{1620}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
111011	1561	2160	$\frac{1}{60}$	$\frac{59}{540}$	$\frac{599}{2160}$	$\frac{481}{1080}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
111012	1561	2808	$\frac{1}{78}$	$\frac{157}{1404}$	$\frac{77}{234}$	$\frac{1247}{2808}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{312}\ \Phi_{234}\ \Phi_{216}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
111013	1561	400	$\frac{1}{40}$	$\frac{23}{200}$	$\frac{39}{200}$	$\frac{177}{400}$	$\Phi_{400}^7\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}^7\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}^7\ \Phi_1$
111014	1561	2784	$\frac{5}{174}$	$\frac{169}{1392}$	$\frac{1}{6}$	$\frac{1223}{2784}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{174}\ \Phi_{96}\ \Phi_{87}\ \Phi_{58}\ \Phi_{32}\ \Phi_{29}\ \Phi_1$
111015	1561	1920	$\frac{1}{40}$	$\frac{39}{320}$	$\frac{359}{1920}$	$\frac{281}{640}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
111016	1561	240	$\frac{1}{15}$	$\frac{17}{240}$	$\frac{2}{15}$	$\frac{13}{30}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{80}^7\ \Phi_{60}^7\ \Phi_{48}^7\ \Phi_{40}^7\ \Phi_{24}^7\ \Phi_{20}^7\ \Phi_{16}^7\ \Phi_{15}^6\ \Phi_{12}^7\ \Phi_{8}^7\ \Phi_{5}^6\ \Phi_{4}^7\ \Phi_{3}^6\ \Phi_{1}^7$
111017	1561	392	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{27}{196}$	$\frac{169}{392}$	$\Phi_{392}^3\ \Phi_{196}^4\ \Phi_{98}^4\ \Phi_{56}^7\ \Phi_{49}^4\ \Phi_{28}^7\ \Phi_{14}^7\ \Phi_{8}^6\ \Phi_{7}^7\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^7$
111018	1561	312	$\frac{1}{78}$	$\frac{11}{78}$	$\frac{89}{312}$	$\frac{67}{156}$	$\Phi_{312}^7\ \Phi_{104}^7\ \Phi_{78}^6\ \Phi_{39}^6\ \Phi_{26}^6\ \Phi_{24}^7\ \Phi_{13}^6\ \Phi_{8}^7\ \Phi_{6}^6\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^7$
111019	1561	2700	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{211}{1350}$	$\frac{1139}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{108}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
111020	1561	1728	$\frac{1}{24}$	$\frac{167}{1728}$	$\frac{23}{144}$	$\frac{121}{288}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
111021	1561	384	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{31}{192}$	$\frac{161}{384}$	$\Phi_{384}^7\ \Phi_{128}^7\ \Phi_{32}^7\ \Phi_{16}^7\ \Phi_{8}^6\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^7$
111022	1561	900	$\frac{2}{225}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{900}^3\ \Phi_{300}^3\ \Phi_{225}\ \Phi_{180}^3\ \Phi_{100}^3\ \Phi_{75}\ \Phi_{60}^3\ \Phi_{45}\ \Phi_{36}^3\ \Phi_{25}\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
111023	1561	1332	$\frac{1}{111}$	$\frac{1}{6}$	$\frac{110}{333}$	$\frac{5}{12}$	$\Phi_{1332}^3\ \Phi_{333}\ \Phi_{36}^3\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
111024	1561	888	$\frac{1}{74}$	$\frac{1}{6}$	$\frac{73}{296}$	$\frac{5}{12}$	$\Phi_{888}^2\ \Phi_{296}^3\ \Phi_{222}^2\ \Phi_{148}\ \Phi_{111}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{24}^2\ \Phi_{12}\ \Phi_{8}^3\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^3$
111025	1561	228	$\frac{5}{228}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{228}^7\ \Phi_{114}^7\ \Phi_{76}^7\ \Phi_{57}^7\ \Phi_{38}^7\ \Phi_{19}^7\ \Phi_{12}^2\ \Phi_{6}^6\ \Phi_{4}^2\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^7$
111026	1561	3108	$\frac{1}{37}$	$\frac{36}{259}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3108}\ \Phi_{1036}\ \Phi_{259}\ \Phi_{84}\ \Phi_{28}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
111027	1561	2640	$\frac{1}{24}$	$\frac{23}{264}$	$\frac{241}{1320}$	$\frac{1079}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{264}\ \Phi_{240}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{80}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
111028	1561	1650	$\frac{89}{1650}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{61}{150}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{330}\ \Phi_{275}\ \Phi_{165}\ \Phi_{110}\ \Phi_{75}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{25}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
111029	1561	1950	$\frac{1}{65}$	$\frac{64}{325}$	$\frac{389}{1950}$	$\frac{261}{650}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{390}\ \Phi_{325}\ \Phi_{195}\ \Phi_{150}\ \Phi_{78}\ \Phi_{75}\ \Phi_{39}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
111030	1561	2600	$\frac{1}{65}$	$\frac{64}{325}$	$\frac{261}{1300}$	$\frac{1039}{2600}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{325}\ \Phi_{200}\ \Phi_{104}\ \Phi_{40}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
111031	1561	1600	$\frac{39}{1600}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
111032	1561	2560	$\frac{1}{40}$	$\frac{39}{320}$	$\frac{281}{1280}$	$\frac{999}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
111033	1561	360	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{43}{180}$	$\frac{137}{360}$	$\Phi_{360}^7\ \Phi_{120}^7\ \Phi_{72}^7\ \Phi_{45}^7\ \Phi_{40}^7\ \Phi_{24}^7\ \Phi_{15}^6\ \Phi_{9}^7\ \Phi_{8}^7\ \Phi_{5}^6\ \Phi_{3}^6\ \Phi_{1}^7$
111034	1561	2496	$\frac{1}{104}$	$\frac{103}{416}$	$\frac{313}{1248}$	$\frac{935}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{192}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
111035	1561	1584	$\frac{23}{1584}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}\ \Phi_{16}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
111036	1561	2400	$\frac{1}{40}$	$\frac{39}{400}$	$\frac{361}{1200}$	$\frac{839}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{96}\ \Phi_{80}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_{1}$
111037	1561	1620	$\frac{59}{1620}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
111038	1561	336	$\frac{1}{56}$	$\frac{1}{8}$	$\frac{55}{168}$	$\frac{113}{336}$	$\Phi_{336}^7\ \Phi_{112}^7\ \Phi_{56}^7\ \Phi_{48}^7\ \Phi_{28}^7\ \Phi_{16}^7\ \Phi_{14}^7\ \Phi_{8}^6\ \Phi_{7}^7\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^7$
111039	1561	1800	$\frac{1}{60}$	$\frac{239}{1800}$	$\frac{59}{180}$	$\frac{121}{360}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
111040	1561	1872	$\frac{1}{78}$	$\frac{311}{1872}$	$\frac{77}{234}$	$\frac{157}{468}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
111041	1561	2340	$\frac{1}{195}$	$\frac{194}{585}$	$\frac{779}{2340}$	$\frac{391}{1170}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{585}\ \Phi_{468}\ \Phi_{260}\ \Phi_{180}\ \Phi_{156}\ \Phi_{117}\ \Phi_{60}\ \Phi_{52}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
111042	1561	225	$\frac{2}{225}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{225}^7\ \Phi_{75}^7\ \Phi_{45}^7\ \Phi_{25}^7\ \Phi_{15}^7\ \Phi_{9}^5\ \Phi_{5}^7\ \Phi_{3}^6\ \Phi_{1}^7$
111043	1561	333	$\frac{1}{111}$	$\frac{2}{9}$	$\frac{110}{333}$	$\frac{1}{3}$	$\Phi_{333}^4\ \Phi_{111}^6\ \Phi_{37}^6\ \Phi_{9}^5\ \Phi_{3}^6\ \Phi_{1}^7$
111044	1561	2664	$\frac{1}{74}$	$\frac{2}{9}$	$\frac{73}{296}$	$\frac{1}{3}$	$\Phi_{2664}\ \Phi_{1332}\ \Phi_{296}\ \Phi_{148}\ \Phi_{72}\ \Phi_{36}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
111045	1561	684	$\frac{5}{228}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{684}^3\ \Phi_{342}^3\ \Phi_{228}\ \Phi_{171}^3\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{36}^3\ \Phi_{19}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
111046	1561	2331	$\frac{1}{37}$	$\frac{36}{259}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2331}\ \Phi_{259}\ \Phi_{63}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
111047	1561	2106	$\frac{1}{78}$	$\frac{157}{702}$	$\frac{545}{2106}$	$\frac{77}{234}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{234}\ \Phi_{162}\ \Phi_{117}\ \Phi_{81}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
111048	1561	2160	$\frac{1}{60}$	$\frac{121}{720}$	$\frac{599}{2160}$	$\frac{59}{180}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
111049	1561	2322	$\frac{13}{774}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{761}{2322}$	$\Phi_{2322}\ \Phi_{1161}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
111050	1561	288	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{65}{288}$	$\frac{31}{96}$	$\Phi_{288}^{7}\ \Phi_{144}^{7}\ \Phi_{72}^{7}\ \Phi_{36}^{7}\ \Phi_{32}^{7}\ \Phi_{18}^{7}\ \Phi_{16}^{7}\ \Phi_{9}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
111051	1561	2304	$\frac{25}{768}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{743}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
111052	1561	2295	$\frac{31}{765}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{734}{2295}$	$\Phi_{2295}\ \Phi_{459}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
111053	1561	1728	$\frac{1}{24}$	$\frac{167}{1728}$	$\frac{49}{216}$	$\frac{23}{72}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
111054	1561	288	$\frac{1}{24}$	$\frac{7}{72}$	$\frac{65}{288}$	$\frac{23}{72}$	$\Phi_{288}^{7}\ \Phi_{144}^{7}\ \Phi_{96}^{7}\ \Phi_{72}\ \Phi_{48}^{7}\ \Phi_{36}\ \Phi_{32}^{7}\ \Phi_{18}\ \Phi_{16}^{7}\ \Phi_{9}\ \Phi_{1}$
111055	1561	2025	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{464}{2025}$	$\frac{211}{675}$	$\Phi_{2025}\ \Phi_{405}\ \Phi_{225}\ \Phi_{81}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{9}\ \Phi_{1}$
111056	1561	324	$\frac{7}{108}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{101}{324}$	$\Phi_{324}^{7}\ \Phi_{162}^{7}\ \Phi_{81}^{7}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
111057	1561	504	$\frac{1}{14}$	$\frac{29}{252}$	$\frac{1}{8}$	$\frac{13}{42}$	$\Phi_{504}^{4}\ \Phi_{252}^{3}\ \Phi_{168}^{2}\ \Phi_{126}^{3}\ \Phi_{84}\ \Phi_{72}^{4}\ \Phi_{63}^{3}\ \Phi_{56}^{4}\ \Phi_{42}^{2}\ \Phi_{36}^{3}\ \Phi_{28}^{3}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{3}\ \Phi_{14}^{3}\ \Phi_{12}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
111058	1561	2250	$\frac{1}{15}$	$\frac{61}{750}$	$\frac{14}{75}$	$\frac{689}{2250}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{450}\ \Phi_{225}\ \Phi_{90}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
111059	1561	2244	$\frac{3}{68}$	$\frac{65}{748}$	$\frac{1}{4}$	$\frac{683}{2244}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{561}\ \Phi_{204}\ \Phi_{132}\ \Phi_{102}\ \Phi_{68}\ \Phi_{66}\ \Phi_{51}\ \Phi_{34}\ \Phi_{33}\ \Phi_{17}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
111060	1561	2208	$\frac{3}{92}$	$\frac{89}{736}$	$\frac{1}{4}$	$\frac{647}{2208}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}\ \Phi_{92}\ \Phi_{69}\ \Phi_{48}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
111061	1561	315	$\frac{1}{15}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{92}{315}$	$\Phi_{315}^{7}\ \Phi_{63}^{7}\ \Phi_{45}^{7}\ \Phi_{15}^{6}\ \Phi_{9}^{7}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
111062	1561	240	$\frac{17}{240}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{240}^{7}\ \Phi_{120}^{7}\ \Phi_{80}^{7}\ \Phi_{60}^{7}\ \Phi_{48}^{7}\ \Phi_{40}^{7}\ \Phi_{30}^{7}\ \Phi_{20}^{7}\ \Phi_{16}^{7}\ \Phi_{15}^{7}\ \Phi_{10}^{7}\ \Phi_{8}^{6}\ \Phi_{5}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
111063	1561	2160	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{121}{720}$	$\frac{599}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
111064	1561	2145	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{131}{715}$	$\frac{584}{2145}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{195}\ \Phi_{165}\ \Phi_{143}\ \Phi_{39}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}$
111065	1561	1632	$\frac{71}{1632}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{16}\ \Phi_{1}$
111066	1561	2088	$\frac{5}{174}$	$\frac{1}{6}$	$\frac{169}{696}$	$\frac{527}{2088}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{522}\ \Phi_{261}\ \Phi_{174}\ \Phi_{87}\ \Phi_{72}\ \Phi_{58}\ \Phi_{36}\ \Phi_{29}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
111067	1561	1920	$\frac{1}{40}$	$\frac{359}{1920}$	$\frac{39}{160}$	$\frac{121}{480}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
111068	1561	1840	$\frac{3}{92}$	$\frac{279}{1840}$	$\frac{89}{368}$	$\frac{1}{4}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}\ \Phi_{80}\ \Phi_{46}\ \Phi_{40}\ \Phi_{23}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
111069	1561	264	$\frac{3}{44}$	$\frac{1}{8}$	$\frac{41}{264}$	$\frac{1}{4}$	$\Phi_{264}^{7}\ \Phi_{132}^{7}\ \Phi_{88}^{3}\ \Phi_{66}^{7}\ \Phi_{44}^{4}\ \Phi_{33}^{7}\ \Phi_{24}^{7}\ \Phi_{22}^{4}\ \Phi_{12}^{7}\ \Phi_{11}^{4}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
111070	1561	240	$\frac{17}{240}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{240}^{7}\ \Phi_{120}^{7}\ \Phi_{80}^{7}\ \Phi_{60}^{7}\ \Phi_{48}^{7}\ \Phi_{40}^{3}\ \Phi_{30}^{7}\ \Phi_{24}^{7}\ \Phi_{20}^{4}\ \Phi_{16}^{7}\ \Phi_{15}^{7}\ \Phi_{12}^{7}\ \Phi_{10}^{4}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
111071	1561	2048	$\frac{25}{512}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{487}{2048}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
111072	1561	1728	$\frac{5}{54}$	$\frac{167}{1728}$	$\frac{1}{6}$	$\frac{49}{216}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
111073	1561	288	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{65}{288}$	$\Phi_{288}^{7}\ \Phi_{144}^{7}\ \Phi_{96}^{7}\ \Phi_{48}^{7}\ \Phi_{32}^{7}\ \Phi_{16}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
111074	1561	1664	$\frac{103}{1664}$	$\frac{1}{8}$	$\frac{25}{128}$	$\frac{7}{32}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
111075	1561	1920	$\frac{25}{384}$	$\frac{1}{8}$	$\frac{359}{1920}$	$\frac{7}{32}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
111076	1561	1728	$\frac{167}{1728}$	$\frac{1}{8}$	$\frac{25}{192}$	$\frac{7}{32}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
111077	1561	256	$\frac{25}{256}$	$\frac{1}{8}$	$\frac{33}{256}$	$\frac{7}{32}$	$\Phi_{256}^{6}\ \Phi_{128}^{6}\ \Phi_{64}^{6}\ \Phi_{32}^{7}\ \Phi_{16}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
111078	1561	280	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{70}$	$\frac{57}{280}$	$\Phi_{280}^{5}\ \Phi_{140}^{5}\ \Phi_{70}^{6}\ \Phi_{56}^{7}\ \Phi_{40}^{5}\ \Phi_{35}^{6}\ \Phi_{28}^{7}\ \Phi_{20}^{5}\ \Phi_{14}^{7}\ \Phi_{10}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{7}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
111079	1561	1800	$\frac{1}{15}$	$\frac{239}{1800}$	$\frac{14}{75}$	$\frac{61}{300}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
111080	1561	1875	$\frac{1}{15}$	$\frac{61}{375}$	$\frac{314}{1875}$	$\frac{14}{75}$	$\Phi_{1875}\ \Phi_{625}\ \Phi_{75}\ \Phi_{25}\ \Phi_1$
111081	1561	270	$\frac{5}{54}$	$\frac{7}{54}$	$\frac{1}{6}$	$\frac{47}{270}$	$\Phi_{270}^7\ \Phi_{135}^7\ \Phi_{90}^7\ \Phi_{54}\ \Phi_{45}^7\ \Phi_{30}^7\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}^7\ \Phi_{10}^7\ \Phi_9\ \Phi_5^7\ \Phi_1$
111082	1562	1338	$\frac{1}{223}$	$\frac{112}{669}$	$\frac{557}{1338}$	$\frac{111}{223}$	$\Phi_{1338}^2\ \Phi_{446}^2\ \Phi_{223}\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
111083	1562	1554	$\frac{4}{777}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{773}{1554}$	$\Phi_{1554}^2\ \Phi_{518}^2\ \Phi_{222}^2\ \Phi_{74}^2\ \Phi_{42}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
111084	1562	2820	$\frac{1}{141}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{70}{141}$	$\Phi_{2820}\ \Phi_{940}\ \Phi_{564}\ \Phi_{188}\ \Phi_{141}\ \Phi_{60}\ \Phi_{47}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
111085	1562	705	$\frac{1}{141}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{70}{141}$	$\Phi_{705}^2\ \Phi_{235}^2\ \Phi_{141}^3\ \Phi_{47}^3\ \Phi_{15}^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
111086	1562	420	$\frac{1}{70}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{69}{140}$	$\Phi_{420}^7\ \Phi_{140}^8\ \Phi_{84}^7\ \Phi_{60}^7\ \Phi_{28}^8\ \Phi_{21}\ \Phi_{20}^8\ \Phi_{12}^7\ \Phi_7\ \Phi_4^8\ \Phi_3\ \Phi_1^2$
111087	1562	420	$\frac{1}{70}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{69}{140}$	$\Phi_{420}^3\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^3\ \Phi_{70}^4\ \Phi_{60}^3\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^4$ $\Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^6\ \Phi_5^4\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
111088	1562	140	$\frac{1}{70}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{69}{140}$	$\Phi_{140}^{22}\ \Phi_{28}^{22}\ \Phi_{20}^{22}\ \Phi_{14}^2\ \Phi_7\ \Phi_4^{22}\ \Phi_2^2\ \Phi_1^2$
111089	1562	1530	$\frac{16}{765}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{749}{1530}$	$\Phi_{1530}^2\ \Phi_{510}^2\ \Phi_{306}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{90}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{10}^2$ $\Phi_6^2\ \Phi_2^2$
111090	1562	828	$\frac{1}{46}$	$\frac{47}{828}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}\ \Phi_{207}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{36}^2\ \Phi_{23}^2\ \Phi_{18}^2\ \Phi_{12}$ $\Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
111091	1562	896	$\frac{3}{112}$	$\frac{115}{896}$	$\frac{1}{7}$	$\frac{109}{224}$	$\Phi_{896}^2\ \Phi_{448}^2\ \Phi_{128}^2\ \Phi_{112}^2\ \Phi_{64}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2$ $\Phi_2^2\ \Phi_1^2$
111092	1562	1519	$\frac{43}{1519}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{738}{1519}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}^2\ \Phi_{31}\ \Phi_7\ \Phi_1^2$
111093	1562	138	$\frac{2}{69}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{138}^{22}\ \Phi_{69}\ \Phi_{46}^{22}\ \Phi_6^{22}\ \Phi_2^{22}$
111094	1562	816	$\frac{1}{34}$	$\frac{35}{816}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^2\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{48}^2\ \Phi_{34}^2\ \Phi_{24}^2$ $\Phi_{17}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
111095	1562	1512	$\frac{25}{756}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{731}{1512}$	$\Phi_{1512}^2\ \Phi_{504}^2\ \Phi_{216}^2\ \Phi_{168}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2$ $\Phi_2^2\ \Phi_1^2$
111096	1562	2208	$\frac{1}{24}$	$\frac{1}{23}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
111097	1562	408	$\frac{1}{34}$	$\frac{3}{68}$	$\frac{1}{3}$	$\frac{65}{136}$	$\Phi_{408}^{11}\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}^{11}\ \Phi_6$
111098	1562	3128	$\frac{1}{23}$	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{3128}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}$
111099	1562	105	$\frac{1}{35}$	$\frac{1}{21}$	$\frac{34}{105}$	$\frac{10}{21}$	$\Phi_{105}^{15}\ \Phi_{35}^{14}\ \Phi_{21}^{16}\ \Phi_{15}^{15}\ \Phi_7^{15}\ \Phi_5^{14}\ \Phi_3^{16}\ \Phi_1^{16}$
111100	1562	525	$\frac{1}{21}$	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{525}^3\ \Phi_{175}^3\ \Phi_{105}^2\ \Phi_{75}^4\ \Phi_{35}^2\ \Phi_{25}^4\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_7^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
111101	1562	84	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{10}{21}$	$\Phi_{84}^{22}\ \Phi_{42}^{15}\ \Phi_{28}^{22}\ \Phi_{21}^{16}\ \Phi_{14}^{14}\ \Phi_{12}^{22}\ \Phi_7^{15}\ \Phi_6^{15}\ \Phi_4^{22}\ \Phi_3^{16}\ \Phi_2^{14}\ \Phi_1^{16}$
111102	1562	231	$\frac{1}{21}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{10}{21}$	$\Phi_{231}^7\ \Phi_{77}^8\ \Phi_{33}^7\ \Phi_{21}\ \Phi_{11}^8\ \Phi_7\ \Phi_3\ \Phi_1^2$
111103	1562	1680	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{10}{21}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}$ $\Phi_{112}\ \Phi_{84}\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{16}^2$ $\Phi_{12}\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
111104	1562	4416	$\frac{1}{46}$	$\frac{45}{736}$	$\frac{1}{3}$	$\frac{691}{1472}$	$\Phi_{4416}\ \Phi_{192}\ \Phi_{138}\ \Phi_{69}\ \Phi_6$
111105	1562	1470	$\frac{3}{49}$	$\frac{46}{735}$	$\frac{1}{7}$	$\frac{689}{1470}$	$\Phi_{1470}^2\ \Phi_{490}^2\ \Phi_{294}^2\ \Phi_{210}^2\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7$ $\Phi_6^2\ \Phi_2^2\ \Phi_1^2$
111106	1562	1456	$\frac{3}{56}$	$\frac{53}{728}$	$\frac{1}{7}$	$\frac{675}{1456}$	$\Phi_{1456}^2\ \Phi_{208}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
111107	1562	3036	$\frac{1}{23}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{3036}\ \Phi_{1012}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
111108	1562	132	$\frac{5}{66}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{61}{132}$	$\Phi_{132}^{11}\ \Phi_{66}^{13}\ \Phi_{44}^{11}\ \Phi_{33}^{13}\ \Phi_{22}^{13}\ \Phi_{12}^{10}\ \Phi_{11}^{12}\ \Phi_6^{12}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
111109	1562	156	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{7}{78}$	$\frac{6}{13}$	$\Phi_{156}^{11}\ \Phi_{78}^9\ \Phi_{52}^{11}\ \Phi_{39}^9\ \Phi_{26}^9\ \Phi_{13}^{10}\ \Phi_{12}^{10}\ \Phi_6^8\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
111110	1562	924	$\frac{6}{77}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}^2\ \Phi_{33}$ $\Phi_{28}^2\ \Phi_{22}\ \Phi_{21}^2\ \Phi_{14}^2$
111111	1562	780	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{6}{65}$	$\frac{59}{130}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{30}^2\ \Phi_{26}$ $\Phi_{20}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
111112	1562	360	$\frac{1}{72}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^6\ \Phi_{60}^3\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}^6\ \Phi_{30}^4\ \Phi_{24}^6\ \Phi_{20}^4$ $\Phi_{18}^6\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_9^6\ \Phi_8^6\ \Phi_6^6\ \Phi_5^4\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
111113	1562	940	$\frac{1}{47}$	$\frac{1}{10}$	$\frac{23}{94}$	$\frac{9}{20}$	$\Phi_{940}^3\ \Phi_{188}^3\ \Phi_{94}^2\ \Phi_{47}\ \Phi_{20}^4\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
111114	1562	2944	$\frac{1}{23}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{2944}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}$
111115	1562	1840	$\frac{1}{23}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{184}\ \Phi_{115}\ \Phi_{92}\ \Phi_{46}$
111116	1562	2898	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{2898}\ \Phi_{966}\ \Phi_{414}\ \Phi_{322}\ \Phi_{207}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
111117	1562	1372	$\frac{3}{98}$	$\frac{95}{686}$	$\frac{1}{7}$	$\frac{591}{1372}$	$\Phi_{1372}^2\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
111118	1562	1036	$\frac{4}{259}$	$\frac{1}{7}$	$\frac{255}{1036}$	$\frac{3}{7}$	$\Phi_{1036}^2\ \Phi_{518}^2\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
111119	1562	798	$\frac{17}{798}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{42}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
111120	1562	1344	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{109}{672}$	$\frac{563}{1344}$	$\Phi_{1344}^2\ \Phi_{448}^2\ \Phi_{192}^2\ \Phi_{112}^2\ \Phi_{64}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
111121	1562	2760	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
111122	1562	2574	$\frac{1}{143}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{2574}\ \Phi_{858}\ \Phi_{429}\ \Phi_{286}\ \Phi_{234}\ \Phi_{198}\ \Phi_{78}\ \Phi_{66}\ \Phi_{39}\ \Phi_{33}\ \Phi_{26}\ \Phi_{22}$
111123	1562	2288	$\frac{1}{143}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{2288}\ \Phi_{572}\ \Phi_{286}\ \Phi_{208}\ \Phi_{176}\ \Phi_{52}\ \Phi_{44}\ \Phi_{26}\ \Phi_{22}$
111124	1562	2484	$\frac{1}{23}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
111125	1562	1176	$\frac{3}{196}$	$\frac{1}{7}$	$\frac{193}{588}$	$\frac{395}{1176}$	$\Phi_{1176}^2\ \Phi_{392}^2\ \Phi_{196}^2\ \Phi_{168}^2\ \Phi_{98}^2\ \Phi_{56}^2\ \Phi_{49}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
111126	1562	420	$\frac{1}{35}$	$\frac{1}{12}$	$\frac{34}{105}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{14}^4\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_7^2\ \Phi_6^6\ \Phi_5^2\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
111127	1562	828	$\frac{1}{23}$	$\frac{47}{828}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}^2\ \Phi_{207}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
111128	1562	816	$\frac{35}{816}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{48}^2\ \Phi_{34}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
111129	1562	102	$\frac{1}{34}$	$\frac{3}{34}$	$\frac{31}{102}$	$\frac{1}{3}$	$\Phi_{102}^{12}\ \Phi_{51}^{12}\ \Phi_{34}^{22}\ \Phi_{17}^{22}\ \Phi_6^{12}\ \Phi_3^{11}\ \Phi_2^{22}\ \Phi_1^{22}$
111130	1562	1104	$\frac{1}{46}$	$\frac{45}{368}$	$\frac{323}{1104}$	$\frac{1}{3}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}^2\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{48}\ \Phi_{46}^2\ \Phi_{24}\ \Phi_{23}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
111131	1562	360	$\frac{1}{72}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^6\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}^6\ \Phi_{30}^4\ \Phi_{24}^6\ \Phi_{20}^4\ \Phi_{18}^6\ \Phi_{15}^3\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_9^6\ \Phi_8^6\ \Phi_6^6\ \Phi_5^2\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
111132	1562	2760	$\frac{1}{46}$	$\frac{139}{920}$	$\frac{45}{184}$	$\frac{1}{3}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{138}\ \Phi_{120}\ \Phi_{69}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
111133	1562	1020	$\frac{1}{17}$	$\frac{16}{255}$	$\frac{239}{1020}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{204}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
111134	1562	276	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{21}{92}$	$\frac{1}{3}$	$\Phi_{276}^{11}\ \Phi_{138}^{11}\ \Phi_{69}\ \Phi_{12}^{11}\ \Phi_6^{11}$
111135	1562	300	$\frac{4}{75}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^6\ \Phi_{75}^4\ \Phi_{60}^4\ \Phi_{50}^6\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_6^6\ \Phi_5^2\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
111136	1562	2550	$\frac{1}{17}$	$\frac{69}{850}$	$\frac{16}{85}$	$\frac{1}{3}$	$\Phi_{2550}\ \Phi_{1275}\ \Phi_{510}\ \Phi_{150}\ \Phi_{102}\ \Phi_{75}\ \Phi_{51}\ \Phi_{30}\ \Phi_6$
111137	1562	84	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{84}$	$\frac{1}{3}$	$\Phi_{84}^{18}\ \Phi_{42}^{19}\ \Phi_{28}^{18}\ \Phi_{21}^{19}\ \Phi_{14}^{18}\ \Phi_{12}^{20}\ \Phi_7^{18}\ \Phi_6^{21}\ \Phi_4^{20}\ \Phi_3^{20}\ \Phi_2^{20}\ \Phi_1^{20}$
111138	1562	918	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{137}{918}$	$\frac{1}{3}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{306}^2\ \Phi_{102}^2\ \Phi_{54}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_2^2$
111139	1562	924	$\frac{6}{77}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
111140	1562	240	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{3}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{80}^8\ \Phi_{60}^3\ \Phi_{48}^7\ \Phi_{40}^8\ \Phi_{30}^4\ \Phi_{24}^7\ \Phi_{20}^4\ \Phi_{16}^8\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_8^8\ \Phi_6^6\ \Phi_5^4\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
111141	1562	1008	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{227}{1008}$	$\frac{109}{336}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{252}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
111142	1562	210	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{34}{105}$	$\Phi_{210}^{14}\ \Phi_{105}^8\ \Phi_{42}^{14}\ \Phi_{30}^{14}\ \Phi_{21}^8\ \Phi_{15}^8\ \Phi_{14}^2\ \Phi_7\ \Phi_6^{14}\ \Phi_3^8\ \Phi_2^2\ \Phi_1^2$
111143	1562	882	$\frac{3}{49}$	$\frac{101}{882}$	$\frac{1}{7}$	$\frac{46}{147}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{294}^2\ \Phi_{126}^2\ \Phi_{98}^2\ \Phi_{63}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
111144	1562	660	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{23}{165}$	$\frac{10}{33}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}^2\ \Phi_{132}\ \Phi_{110}^3\ \Phi_{66}\ \Phi_{60}^3\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}^3\ \Phi_{22}\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
111145	1562	840	$\frac{59}{840}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{84}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
111146	1562	294	$\frac{5}{147}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{294}^7\ \Phi_{147}^4\ \Phi_{98}^7\ \Phi_{49}^4\ \Phi_{42}^7\ \Phi_{21}^4\ \Phi_{14}^2\ \Phi_7\ \Phi_6^7\ \Phi_3^4\ \Phi_2^2\ \Phi_1^2$
111147	1562	396	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{28}{99}$	$\Phi_{396}^6\ \Phi_{198}^6\ \Phi_{132}\ \Phi_{99}^4\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}^6\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}^6\ \Phi_9^4$
111148	1562	780	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{12}{65}$	$\frac{53}{195}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}^3\ \Phi_{130}^2\ \Phi_{78}^3\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{52}^3\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^3\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
111149	1562	1410	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{23}{94}$	$\frac{4}{15}$	$\Phi_{1410}^2\ \Phi_{705}\ \Phi_{282}^2\ \Phi_{141}\ \Phi_{94}^2\ \Phi_{47}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
111150	1562	2208	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
111151	1562	264	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{17}{88}$	$\frac{5}{22}$	$\Phi_{264}^8\ \Phi_{132}^5\ \Phi_{88}^6\ \Phi_{66}^5\ \Phi_{44}^3\ \Phi_{33}^5\ \Phi_{24}^8\ \Phi_{22}^5\ \Phi_{12}^4\ \Phi_{11}^4\ \Phi_8^6\ \Phi_6^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
111152	1562	1008	$\frac{25}{252}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{227}{1008}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
111153	1562	1050	$\frac{4}{75}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{1050}^2\ \Phi_{525}\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}\ \Phi_{150}^2\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
111154	1562	350	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{33}{175}$	$\frac{3}{14}$	$\Phi_{350}^7\ \Phi_{175}^4\ \Phi_{50}^7\ \Phi_{25}^4\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
111155	1562	840	$\frac{59}{840}$	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{3}{14}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
111156	1562	84	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{84}$	$\frac{3}{14}$	$\Phi_{84}^{22}\ \Phi_{42}^{22}\ \Phi_{28}^{22}\ \Phi_{21}^{22}\ \Phi_{14}^2\ \Phi_{12}^{22}\ \Phi_7\ \Phi_6^{22}\ \Phi_4^{22}\ \Phi_3^{22}\ \Phi_2^2\ \Phi_1^2$
111157	1562	154	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{154}^{14}\ \Phi_{77}^8\ \Phi_{22}^{14}\ \Phi_{14}^2\ \Phi_{11}^8\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
111158	1562	560	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^4\ \Phi_{56}^3\ \Phi_{40}^4\ \Phi_{28}^3\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_8^4\ \Phi_7\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
111159	1562	980	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{46}{245}$	$\frac{199}{980}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{196}^2\ \Phi_{140}^2\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{49}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
111160	1563	2076	$\frac{2}{519}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{517}{1038}$	$\Phi_{2076}\ \Phi_{692}\ \Phi_{519}\ \Phi_{173}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
111161	1563	696	$\frac{1}{174}$	$\frac{1}{4}$	$\frac{175}{696}$	$\frac{173}{348}$	$\Phi_{696}^3\ \Phi_{348}^2\ \Phi_{232}^3\ \Phi_{174}\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{58}\ \Phi_{29}\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
111162	1563	2840	$\frac{1}{142}$	$\frac{143}{1420}$	$\frac{1277}{2840}$	$\frac{141}{284}$	$\Phi_{2840}\ \Phi_{568}\ \Phi_{284}\ \Phi_{40}\ \Phi_8\ \Phi_4\ \Phi_1$
111163	1563	1032	$\frac{5}{516}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{511}{1032}$	$\Phi_{1032}^3\ \Phi_{344}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
111164	1563	3080	$\frac{23}{1540}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{1517}{3080}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{88}\ \Phi_{56}\ \Phi_{44}\ \Phi_{40}\ \Phi_8\ \Phi_4\ \Phi_1$
111165	1563	2052	$\frac{8}{513}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{505}{1026}$	$\Phi_{2052}\ \Phi_{684}\ \Phi_{513}\ \Phi_{228}\ \Phi_{171}\ \Phi_{108}\ \Phi_{76}\ \Phi_{57}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{19}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
111166	1563	580	$\frac{1}{58}$	$\frac{59}{580}$	$\frac{1}{4}$	$\frac{57}{116}$	$\Phi_{580}^3\ \Phi_{290}^3\ \Phi_{145}^3\ \Phi_{116}^2\ \Phi_{58}\ \Phi_{29}\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
111167	1563	1012	$\frac{15}{506}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{491}{1012}$	$\Phi_{1012}^3\ \Phi_{92}^3\ \Phi_{44}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
111168	1563	1008	$\frac{17}{504}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{487}{1008}$	$\Phi_{1008}^3\ \Phi_{336}^3\ \Phi_{144}^3\ \Phi_{112}^3\ \Phi_{48}^3\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
111169	1563	704	$\frac{7}{176}$	$\frac{1}{22}$	$\frac{183}{704}$	$\frac{169}{352}$	$\Phi_{704}^3\ \Phi_{176}^3\ \Phi_{88}^3\ \Phi_{64}^3\ \Phi_{44}^3\ \Phi_{22}^2\ \Phi_{16}^3\ \Phi_{11}^2\ \Phi_8^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
111170	1563	2992	$\frac{67}{1496}$	$\frac{1}{22}$	$\frac{21}{88}$	$\frac{1429}{2992}$	$\Phi_{2992}\ \Phi_{272}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
111171	1563	616	$\frac{1}{22}$	$\frac{23}{308}$	$\frac{95}{616}$	$\frac{21}{44}$	$\Phi_{616}^3\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{88}^3\ \Phi_{77}^2\ \Phi_{56}^3\ \Phi_{44}^3\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
111172	1563	1760	$\frac{1}{22}$	$\frac{23}{220}$	$\frac{197}{1760}$	$\frac{21}{44}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}\ \Phi_{88}\ \Phi_{80}\ \Phi_{44}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
111173	1563	540	$\frac{19}{540}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{54}^3\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{27}^3\ \Phi_{20}^3\ \Phi_{18}\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_9\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
111174	1563	1972	$\frac{1}{29}$	$\frac{28}{493}$	$\frac{1}{4}$	$\frac{465}{986}$	$\Phi_{1972}\ \Phi_{493}\ \Phi_{116}^2\ \Phi_{68}\ \Phi_{58}\ \Phi_{29}\ \Phi_{17}\ \Phi_4\ \Phi_1$
111175	1563	572	$\frac{10}{143}$	$\frac{51}{572}$	$\frac{1}{11}$	$\frac{133}{286}$	$\Phi_{572}^3\ \Phi_{286}^2\ \Phi_{143}^3\ \Phi_{52}^3\ \Phi_{44}^3\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{13}^3\ \Phi_{11}^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
111176	1563	968	$\frac{1}{22}$	$\frac{37}{484}$	$\frac{7}{44}$	$\frac{447}{968}$	$\Phi_{968}^3\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
111177	1563	968	$\frac{37}{484}$	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{447}{968}$	$\Phi_{968}^3\ \Phi_{121}\ \Phi_{88}^3\ \Phi_{8}^3\ \Phi_1$
111178	1563	1694	$\frac{131}{1694}$	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{111}{242}$	$\Phi_{1694}\ \Phi_{847}\ \Phi_{154}\ \Phi_{121}\ \Phi_{77}\ \Phi_{14}\ \Phi_7\ \Phi_1$
111179	1563	2860	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{133}{1430}$	$\frac{1297}{2860}$	$\Phi_{2860}\ \Phi_{572}\ \Phi_{260}\ \Phi_{220}\ \Phi_{143}\ \Phi_{52}\ \Phi_{44}\ \Phi_{20}\ \Phi_{13}\ \Phi_4\ \Phi_1$
111180	1563	2816	$\frac{1}{22}$	$\frac{155}{1408}$	$\frac{21}{176}$	$\frac{1253}{2816}$	$\Phi_{2816}\ \Phi_{256}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
111181	1563	1760	$\frac{1}{22}$	$\frac{197}{1760}$	$\frac{21}{176}$	$\frac{155}{352}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
111182	1563	928	$\frac{1}{58}$	$\frac{57}{464}$	$\frac{1}{4}$	$\frac{407}{928}$	$\Phi_{928}^3\ \Phi_{116}^2\ \Phi_{58}\ \Phi_{32}^3\ \Phi_{29}\ \Phi_4\ \Phi_1$
111183	1563	924	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{59}{462}$	$\frac{403}{924}$	$\Phi_{924}^3\ \Phi_{308}^3\ \Phi_{132}^3\ \Phi_{84}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{28}^3\ \Phi_{22}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
111184	1563	528	$\frac{7}{528}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{66}^3\ \Phi_{48}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_{11}^3\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
111185	1563	880	$\frac{1}{22}$	$\frac{7}{88}$	$\frac{81}{440}$	$\frac{359}{880}$	$\Phi_{880}^3\ \Phi_{176}^3\ \Phi_{88}^3\ \Phi_{80}^3\ \Phi_{44}^3\ \Phi_{22}^2\ \Phi_{16}^3\ \Phi_{11}^2\ \Phi_8^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
111186	1563	1740	$\frac{1}{87}$	$\frac{86}{435}$	$\frac{1}{4}$	$\frac{349}{870}$	$\Phi_{1740}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}^2\ \Phi_{174}\ \Phi_{145}\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{60}\ \Phi_{58}\ \Phi_{29}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
111187	1563	525	$\frac{4}{525}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{525}^3\ \Phi_{175}^3\ \Phi_{105}^3\ \Phi_{75}^3\ \Phi_{35}^3\ \Phi_{25}^3\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_7^3\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
111188	1563	852	$\frac{1}{142}$	$\frac{95}{426}$	$\frac{47}{142}$	$\frac{331}{852}$	$\Phi_{852}^3\ \Phi_{284}^3\ \Phi_{142}^2\ \Phi_{71}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
111189	1563	2272	$\frac{1}{142}$	$\frac{141}{568}$	$\frac{709}{2272}$	$\frac{427}{1136}$	$\Phi_{2272}\ \Phi_{568}\ \Phi_{284}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
111190	1563	792	$\frac{1}{22}$	$\frac{7}{132}$	$\frac{125}{396}$	$\frac{271}{792}$	$\Phi_{792}^3\ \Phi_{264}^3\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{72}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_8^3\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
111191	1563	1548	$\frac{5}{258}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{253}{774}$	$\Phi_{1548}^2\ \Phi_{774}\ \Phi_{387}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
111192	1563	756	$\frac{1}{18}$	$\frac{17}{252}$	$\frac{1}{4}$	$\frac{235}{756}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{189}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
111193	1563	605	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{84}{605}$	$\frac{37}{121}$	$\Phi_{605}^3\ \Phi_{121}\ \Phi_{55}^3\ \Phi_5^3\ \Phi_1$
111194	1563	540	$\frac{19}{540}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^2\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{27}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
111195	1563	726	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{37}{242}$	$\frac{205}{726}$	$\Phi_{726}^3\ \Phi_{363}^3\ \Phi_{121}\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
111196	1563	715	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{133}{715}$	$\frac{194}{715}$	$\Phi_{715}^2\ \Phi_{143}^3\ \Phi_{65}^2\ \Phi_{55}^2\ \Phi_{13}^3\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^3$
111197	1563	704	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{155}{704}$	$\frac{183}{704}$	$\Phi_{704}^2\ \Phi_{352}^2\ \Phi_{176}^3\ \Phi_{88}^3\ \Phi_{64}^2\ \Phi_{44}^3\ \Phi_{32}^2\ \Phi_{22}^2\ \Phi_{16}^3\ \Phi_{11}^2\ \Phi_8^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
111198	1563	696	$\frac{1}{58}$	$\frac{57}{232}$	$\frac{1}{4}$	$\frac{175}{696}$	$\Phi_{696}^3\ \Phi_{348}^3\ \Phi_{174}^3\ \Phi_{116}^2\ \Phi_{87}^3\ \Phi_{58}\ \Phi_{29}\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
111199	1563	684	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{163}{684}$	$\frac{1}{4}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}^2\ \Phi_{171}^3\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{36}^3\ \Phi_{19}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
111200	1563	576	$\frac{1}{18}$	$\frac{55}{576}$	$\frac{17}{72}$	$\frac{1}{4}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{36}^2\ \Phi_{32}^3\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
111201	1563	1260	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{109}{630}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
111202	1563	1936	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{373}{1936}$	$\frac{111}{484}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{176}\ \Phi_{121}\ \Phi_{88}\ \Phi_{16}\ \Phi_8\ \Phi_1$
111203	1564	780	$\frac{1}{390}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{389}{780}$	$\Phi_{780}^4\ \Phi_{260}^4\ \Phi_{156}^4\ \Phi_{60}^4\ \Phi_{52}^4\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
111204	1564	522	$\frac{1}{261}$	$\frac{131}{522}$	$\frac{1}{3}$	$\frac{130}{261}$	$\Phi_{522}^4\ \Phi_{261}^2\ \Phi_{174}^4\ \Phi_{87}^2\ \Phi_{58}^4\ \Phi_{29}^2\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
111205	1564	1557	$\frac{7}{1557}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{775}{1557}$	$\Phi_{1557}\ \Phi_{519}\ \Phi_{173}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
111206	1564	521	$\frac{3}{521}$	$\frac{130}{521}$	$\frac{131}{521}$	$\frac{259}{521}$	$\Phi_{521}^3\ \Phi_1^4$
111207	1564	3880	$\frac{3}{388}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{385}{776}$	$\Phi_{3880}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
111208	1564	774	$\frac{4}{387}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{383}{774}$	$\Phi_{774}^4\ \Phi_{258}^4\ \Phi_{86}^4\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
111209	1564	2912	$\frac{1}{91}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{45}{91}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{224}\ \Phi_{91}\ \Phi_{32}^2\ \Phi_{13}\ \Phi_7\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
111210	1564	2184	$\frac{1}{91}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{45}{91}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{168}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
111211	1564	1820	$\frac{1}{91}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{45}{91}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{260}\ \Phi_{140}\ \Phi_{130}\ \Phi_{91}\ \Phi_{70}\ \Phi_{65}\ \Phi_{35}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
111212	1564	435	$\frac{1}{87}$	$\frac{44}{435}$	$\frac{1}{3}$	$\frac{43}{87}$	$\Phi_{435}^4\ \Phi_{145}^4\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
111213	1564	2948	$\frac{1}{67}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{33}{67}$	$\Phi_{2948}\ \Phi_{268}\ \Phi_{67}\ \Phi_{44}^2\ \Phi_4^2\ \Phi_1^2$
111214	1564	2211	$\frac{1}{67}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{33}{67}$	$\Phi_{2211}\ \Phi_{201}\ \Phi_{67}\ \Phi_{33}^2\ \Phi_3^2\ \Phi_1^2$
111215	1564	770	$\frac{6}{385}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{379}{770}$	$\Phi_{770}^4\ \Phi_{154}^4\ \Phi_{110}^4\ \Phi_{70}^4\ \Phi_{35}\ \Phi_{22}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_2^4$
111216	1564	1539	$\frac{25}{1539}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{757}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}^2\ \Phi_{19}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
111217	1564	2240	$\frac{1}{56}$	$\frac{57}{448}$	$\frac{1}{5}$	$\frac{55}{112}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{320}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
111218	1564	3840	$\frac{7}{384}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{377}{768}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
111219	1564	495	$\frac{1}{45}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{22}{45}$	$\Phi_{495}^3\ \Phi_{165}^3\ \Phi_{99}^3\ \Phi_{55}^3\ \Phi_{45}^4\ \Phi_{33}^4\ \Phi_{15}^4\ \Phi_{11}^4\ \Phi_9^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
111220	1564	90	$\frac{1}{45}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{90}^{18}\ \Phi_{45}^{16}\ \Phi_{30}^{18}\ \Phi_{18}^{20}\ \Phi_{15}^{16}\ \Phi_{10}^{18}\ \Phi_9^{18}\ \Phi_6^{20}\ \Phi_5^{16}\ \Phi_3^{17}\ \Phi_2^{20}\ \Phi_1^{18}$
111221	1564	990	$\frac{1}{45}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{22}{45}$	$\Phi_{990}^2\ \Phi_{495}\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{99}\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{22}^4\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
111222	1564	1563	$\frac{35}{1563}$	$\frac{47}{1563}$	$\frac{758}{1563}$	$\frac{764}{1563}$	$\Phi_{1563}\ \Phi_{521}\ \Phi_3\ \Phi_1^2$
111223	1564	264	$\frac{1}{33}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{264}^6\ \Phi_{132}^6\ \Phi_{88}^6\ \Phi_{66}^6\ \Phi_{44}^6\ \Phi_{33}^4\ \Phi_{24}^8\ \Phi_{22}^6\ \Phi_{12}^8\ \Phi_{11}^4\ \Phi_8^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
111224	1564	330	$\frac{1}{33}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{16}{33}$	$\Phi_{330}^6\ \Phi_{165}^3\ \Phi_{110}^6\ \Phi_{66}^6\ \Phi_{55}^3\ \Phi_{33}^4\ \Phi_{30}^8\ \Phi_{22}^6\ \Phi_{15}^4\ \Phi_{11}^4\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^4\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
111225	1564	825	$\frac{1}{33}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{16}{33}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}\ \Phi_{75}^2\ \Phi_{55}\ \Phi_{33}^2\ \Phi_{25}^4\ \Phi_{15}\ \Phi_{11}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
111226	1564	297	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{16}{33}$	$\Phi_{297}^6\ \Phi_{99}^3\ \Phi_{33}^4\ \Phi_{27}^8\ \Phi_{11}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
111227	1564	558	$\frac{1}{31}$	$\frac{1}{18}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{558}^3\ \Phi_{279}^3\ \Phi_{186}^3\ \Phi_{93}^3\ \Phi_{62}^3\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
111228	1564	756	$\frac{13}{378}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{365}{756}$	$\Phi_{756}^4\ \Phi_{252}^4\ \Phi_{108}^4\ \Phi_{84}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{27}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
111229	1564	3780	$\frac{13}{378}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{365}{756}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{540}\ \Phi_{420}\ \Phi_{180}\ \Phi_{140}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
111230	1564	1218	$\frac{1}{29}$	$\frac{15}{406}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{1218}^2\ \Phi_{609}^2\ \Phi_{174}^2\ \Phi_{87}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
111231	1564	405	$\frac{14}{405}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^4\ \Phi_{45}^4\ \Phi_{27}^2\ \Phi_{15}^4\ \Phi_9^2\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
111232	1564	2262	$\frac{1}{29}$	$\frac{14}{377}$	$\frac{1}{3}$	$\frac{363}{754}$	$\Phi_{2262}^2\ \Phi_{174}^2\ \Phi_{87}\ \Phi_{78}^2\ \Phi_6^2$
111233	1564	1563	$\frac{65}{1563}$	$\frac{68}{1563}$	$\frac{407}{1563}$	$\frac{749}{1563}$	$\Phi_{1563}\ \Phi_{521}\ \Phi_3\ \Phi_1^2$
111234	1564	261	$\frac{8}{261}$	$\frac{11}{261}$	$\frac{1}{3}$	$\frac{125}{261}$	$\Phi_{261}^6\ \Phi_{87}^6\ \Phi_{29}^6\ \Phi_9^6\ \Phi_3^5\ \Phi_1^6$
111235	1564	552	$\frac{1}{24}$	$\frac{1}{23}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{552}^3\ \Phi_{276}^3\ \Phi_{184}^3\ \Phi_{138}^3\ \Phi_{92}^3\ \Phi_{69}^3\ \Phi_{46}^3\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2$
111236	1564	4620	$\frac{1}{35}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{4620}\ \Phi_{924}\ \Phi_{660}\ \Phi_{420}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{21}\ \Phi_{15}$
111237	1564	2948	$\frac{3}{67}$	$\frac{1}{22}$	$\frac{16}{67}$	$\frac{21}{44}$	$\Phi_{2948}\ \Phi_{268}\ \Phi_{67}\ \Phi_{44}^2\ \Phi_4^2\ \Phi_1^2$
111238	1564	1980	$\frac{1}{22}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{1980}^2\ \Phi_{660}^2\ \Phi_{220}\ \Phi_{180}^2\ \Phi_{90}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
111239	1564	1563	$\frac{50}{1563}$	$\frac{89}{1563}$	$\frac{413}{1563}$	$\frac{737}{1563}$	$\Phi_{1563}\ \Phi_{521}\ \Phi_3\ \Phi_1^2$
111240	1564	87	$\frac{2}{87}$	$\frac{5}{87}$	$\frac{1}{3}$	$\frac{41}{87}$	$\Phi_{87}^{18}\ \Phi_{29}^{18}\ \Phi_3^{17}\ \Phi_1^{18}$
111241	1564	4512	$\frac{1}{47}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{4512}\ \Phi_{141}$
111242	1564	2912	$\frac{3}{91}$	$\frac{1}{16}$	$\frac{22}{91}$	$\frac{15}{32}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{224}\ \Phi_{91}\ \Phi_{32}^2\ \Phi_{13}\ \Phi_7\ \Phi_1^2$
111243	1564	480	$\frac{1}{24}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{480}^8\ \Phi_{160}^7\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
111244	1564	1568	$\frac{3}{49}$	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{1568}^2\ \Phi_{224}\ \Phi_{49}^2\ \Phi_{32}^2\ \Phi_7\ \Phi_1^2$
111245	1564	416	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{15}{32}$	$\Phi_{416}^7\ \Phi_{32}^8\ \Phi_{26}^4\ \Phi_{13}^3\ \Phi_2^4\ \Phi_1^4$
111246	1564	3640	$\frac{1}{28}$	$\frac{27}{364}$	$\frac{1}{5}$	$\frac{337}{728}$	$\Phi_{3640}\ \Phi_{520}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
111247	1564	966	$\frac{1}{69}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{966}^3\ \Phi_{322}^3\ \Phi_{138}^3\ \Phi_{69}^2\ \Phi_{46}^3\ \Phi_{42}^2\ \Phi_{23}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
111248	1564	396	$\frac{5}{396}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^4\ \Phi_{99}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{36}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{11}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
111249	1564	696	$\frac{1}{87}$	$\frac{43}{348}$	$\frac{1}{3}$	$\frac{305}{696}$	$\Phi_{696}^4\ \Phi_{232}^4\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{24}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
111250	1564	2208	$\frac{1}{69}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{96}\ \Phi_{92}\ \Phi_{46}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
111251	1564	400	$\frac{9}{400}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{400}^4\ \Phi_{200}^4\ \Phi_{100}^4\ \Phi_{80}^3\ \Phi_{50}^4\ \Phi_{40}^4\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
111252	1564	930	$\frac{1}{93}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{930}^3\ \Phi_{310}^3\ \Phi_{186}^3\ \Phi_{93}^2\ \Phi_{62}^3\ \Phi_{31}^2\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
111253	1564	1410	$\frac{1}{47}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{1410}^2\ \Phi_{470}^2\ \Phi_{282}^2\ \Phi_{235}\ \Phi_{94}^2$
111254	1564	3430	$\frac{1}{49}$	$\frac{48}{343}$	$\frac{1}{5}$	$\frac{295}{686}$	$\Phi_{3430}\ \Phi_{490}\ \Phi_{245}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
111255	1564	987	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{987}^2\ \Phi_{329}\ \Phi_{141}^2$
111256	1564	2760	$\frac{1}{69}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{120}\ \Phi_{92}\ \Phi_{46}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
111257	1564	3360	$\frac{1}{56}$	$\frac{55}{336}$	$\frac{1}{5}$	$\frac{281}{672}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{480}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
111258	1564	744	$\frac{1}{93}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{744}^3\ \Phi_{248}^3\ \Phi_{186}^3\ \Phi_{93}^2\ \Phi_{62}^3\ \Phi_{31}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
111259	1564	1305	$\frac{2}{261}$	$\frac{259}{1305}$	$\frac{1}{3}$	$\frac{523}{1305}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}^2\ \Phi_{145}\ \Phi_{87}^2\ \Phi_{45}\ \Phi_{29}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
111260	1564	940	$\frac{1}{47}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{940}^2\ \Phi_{470}^2\ \Phi_{235}\ \Phi_{188}^2\ \Phi_{94}^2$
111261	1564	1316	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{1316}^2\ \Phi_{329}\ \Phi_{188}^2$
111262	1564	828	$\frac{1}{69}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{828}^3\ \Phi_{276}^3\ \Phi_{138}^3\ \Phi_{92}^3\ \Phi_{69}^2\ \Phi_{46}^3\ \Phi_{36}^2\ \Phi_{23}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
111263	1564	2940	$\frac{1}{98}$	$\frac{1}{5}$	$\frac{97}{294}$	$\frac{197}{588}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{490}\ \Phi_{420}\ \Phi_{245}\ \Phi_{140}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
111264	1564	393	$\frac{2}{393}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{393}^4\ \Phi_{131}^4\ \Phi_3\ \Phi_1^2$
111265	1564	585	$\frac{1}{195}$	$\frac{194}{585}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{585}^4\ \Phi_{117}^4\ \Phi_{45}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
111266	1564	1560	$\frac{1}{130}$	$\frac{129}{520}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}^2\ \Phi_{312}\ \Phi_{260}^2\ \Phi_{156}\ \Phi_{120}\ \Phi_{104}^2\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
111267	1564	1185	$\frac{4}{395}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1185}\ \Phi_{395}^2\ \Phi_{237}\ \Phi_{79}^2\ \Phi_3\ \Phi_1^2$
111268	1564	975	$\frac{2}{195}$	$\frac{193}{975}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_3\ \Phi_1^2$
111269	1564	396	$\frac{5}{396}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^4\ \Phi_{99}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{36}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{11}^4\ \Phi_9^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
111270	1564	468	$\frac{1}{78}$	$\frac{77}{468}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^4\ \Phi_{117}^4\ \Phi_{52}^4\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
111271	1564	1365	$\frac{1}{65}$	$\frac{64}{455}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}^2\ \Phi_{273}\ \Phi_{105}\ \Phi_{91}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
111272	1564	795	$\frac{13}{795}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{795}^2\ \Phi_{265}^2\ \Phi_{159}^2\ \Phi_{53}^2\ \Phi_3\ \Phi_1^2$
111273	1564	1200	$\frac{9}{400}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}^2\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}^2\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
111274	1564	429	$\frac{1}{39}$	$\frac{38}{429}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{429}^4\ \Phi_{143}^4\ \Phi_{33}^4\ \Phi_{11}^4\ \Phi_3\ \Phi_1^2$
111275	1564	1209	$\frac{12}{403}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1209}\ \Phi_{403}^2\ \Phi_{93}\ \Phi_{31}^2\ \Phi_3\ \Phi_1^2$
111276	1564	420	$\frac{1}{30}$	$\frac{29}{420}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_7^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
111277	1564	405	$\frac{14}{405}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^4\ \Phi_{45}^4\ \Phi_{27}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
111278	1564	1248	$\frac{1}{26}$	$\frac{25}{416}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}^2\ \Phi_{312}\ \Phi_{208}^2\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{96}\ \Phi_{52}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
111279	1564	195	$\frac{8}{195}$	$\frac{11}{195}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^8\ \Phi_{65}^8\ \Phi_{39}^8\ \Phi_{15}^8\ \Phi_{13}^8\ \Phi_5^8\ \Phi_3^9\ \Phi_1^{10}$
111280	1564	72	$\frac{1}{24}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{72}^{24}\ \Phi_{36}^{24}\ \Phi_{24}^{20}\ \Phi_{18}^{20}\ \Phi_{12}^{20}\ \Phi_9^{20}\ \Phi_8^{20}\ \Phi_6^{16}\ \Phi_4^{20}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
111281	1564	819	$\frac{37}{819}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{819}^2\ \Phi_{273}^2\ \Phi_{117}^2\ \Phi_{91}^2\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
111282	1564	1161	$\frac{8}{387}$	$\frac{1}{9}$	$\frac{379}{1161}$	$\frac{1}{3}$	$\Phi_{1161}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
111283	1564	270	$\frac{2}{45}$	$\frac{1}{18}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{270}^9\ \Phi_{135}^8\ \Phi_{54}^9\ \Phi_{27}^8\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
111284	1564	792	$\frac{1}{24}$	$\frac{2}{33}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{792}^3\ \Phi_{396}^3\ \Phi_{198}^3\ \Phi_{99}^2\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
111285	1564	567	$\frac{1}{27}$	$\frac{13}{189}$	$\frac{176}{567}$	$\frac{1}{3}$	$\Phi_{567}^4\ \Phi_{81}^4\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
111286	1564	405	$\frac{14}{405}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^3\ \Phi_{45}^4\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
111287	1564	1131	$\frac{1}{29}$	$\frac{28}{377}$	$\frac{349}{1131}$	$\frac{1}{3}$	$\Phi_{1131}\ \Phi_{377}^2\ \Phi_{87}^2\ \Phi_{39}\ \Phi_{29}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
111288	1564	1155	$\frac{1}{35}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}^2\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}^2\ \Phi_{77}^2\ \Phi_{55}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5^2$
111289	1564	1128	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{376}^2\ \Phi_{282}\ \Phi_{188}^2\ \Phi_{141}^2\ \Phi_{94}^2\ \Phi_{47}^2$
111290	1564	522	$\frac{1}{87}$	$\frac{43}{174}$	$\frac{131}{522}$	$\frac{1}{3}$	$\Phi_{522}^4\ \Phi_{261}^4\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
111291	1564	2820	$\frac{1}{47}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{705}\ \Phi_{141}$
111292	1564	432	$\frac{1}{27}$	$\frac{41}{432}$	$\frac{13}{54}$	$\frac{1}{3}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{27}^2\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
111293	1564	513	$\frac{25}{513}$	$\frac{2}{27}$	$\frac{122}{513}$	$\frac{1}{3}$	$\Phi_{513}^3\ \Phi_{171}^3\ \Phi_{57}^3\ \Phi_{27}^4\ \Phi_{19}^3\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
111294	1564	90	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{90}^{18}\ \Phi_{45}^{18}\ \Phi_{30}^{14}\ \Phi_{18}^{20}\ \Phi_{15}^{16}\ \Phi_{10}^{14}\ \Phi_9^{20}\ \Phi_6^{16}\ \Phi_5^{16}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
111295	1564	264	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{264}^6\ \Phi_{132}^6\ \Phi_{88}^6\ \Phi_{66}^4\ \Phi_{44}^6\ \Phi_{33}^5\ \Phi_{24}^8\ \Phi_{22}^6\ \Phi_{12}^8\ \Phi_{11}^6\ \Phi_8^8\ \Phi_6^6\ \Phi_4^8\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
111296	1564	198	$\frac{1}{18}$	$\frac{7}{99}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{198}^9\ \Phi_{99}^8\ \Phi_{66}^9\ \Phi_{33}^8\ \Phi_{22}^9\ \Phi_{18}^2\ \Phi_{11}^8\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
111297	1564	450	$\frac{1}{18}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^2\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{25}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^4\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
111298	1564	945	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{163}{945}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
111299	1564	54	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{54}^{36}\ \Phi_{27}^{32}\ \Phi_{18}^{20}\ \Phi_9^{18}\ \Phi_6^{20}\ \Phi_3^{17}\ \Phi_2^{20}\ \Phi_1^{18}$
111300	1564	630	$\frac{1}{18}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{126}^3\ \Phi_{105}^2\ \Phi_{70}^3\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
111301	1564	2520	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{113}{504}$	$\frac{55}{168}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{180}\ \Phi_{140}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
111302	1564	2880	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{185}{576}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
111303	1564	420	$\frac{29}{420}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{420}^4\ \Phi_{210}^3\ \Phi_{140}^4\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^3\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
111304	1564	2211	$\frac{3}{67}$	$\frac{1}{11}$	$\frac{16}{67}$	$\frac{10}{33}$	$\Phi_{2211}\ \Phi_{201}\ \Phi_{67}\ \Phi_{33}^2\ \Phi_3^2\ \Phi_1^2$
111305	1564	990	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{90}^3\ \Phi_{55}^2\ \Phi_{45}^3\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
111306	1564	2184	$\frac{3}{91}$	$\frac{1}{8}$	$\frac{22}{91}$	$\frac{7}{24}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{168}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
111307	1564	120	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{120}^{16}\ \Phi_{60}^{16}\ \Phi_{40}^{17}\ \Phi_{30}^{16}\ \Phi_{20}^{17}\ \Phi_{15}^{16}\ \Phi_{10}^{17}\ \Phi_5^{16}$
111308	1564	1176	$\frac{3}{49}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{294}^2\ \Phi_{168}\ \Phi_{147}^2\ \Phi_{84}\ \Phi_{49}^2\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
111309	1564	312	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{312}^7\ \Phi_{156}^7\ \Phi_{78}^7\ \Phi_{39}^7\ \Phi_{26}^4\ \Phi_{24}^8\ \Phi_{13}^3\ \Phi_{12}^8\ \Phi_6^8\ \Phi_3^8\ \Phi_2^4\ \Phi_1^4$
111310	1564	2115	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{2115}\ \Phi_{423}\ \Phi_{235}$
111311	1564	558	$\frac{1}{18}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{558}^3\ \Phi_{279}^3\ \Phi_{186}^3\ \Phi_{93}^3\ \Phi_{62}^3\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
111312	1564	1820	$\frac{3}{91}$	$\frac{3}{20}$	$\frac{22}{91}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{260}\ \Phi_{140}\ \Phi_{130}\ \Phi_{91}\ \Phi_{70}\ \Phi_{65}\ \Phi_{35}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
111313	1564	120	$\frac{1}{24}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{120}^{13}\ \Phi_{60}^{13}\ \Phi_{40}^{13}\ \Phi_{30}^{13}\ \Phi_{24}^{16}\ \Phi_{20}^{10}\ \Phi_{15}^{13}\ \Phi_{12}^{16}\ \Phi_{10}^{10}\ \Phi_8^{16}\ \Phi_6^{16}\ \Phi_5^9\ \Phi_4^{12}\ \Phi_3^{16}\ \Phi_2^{12}\ \Phi_1^{12}$
111314	1564	980	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{245}^2\ \Phi_{140}\ \Phi_{70}\ \Phi_{49}^2\ \Phi_{35}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
111315	1564	260	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{260}^{7}\ \Phi_{130}^{7}\ \Phi_{65}^{7}\ \Phi_{26}^{4}\ \Phi_{20}^{8}\ \Phi_{13}^{3}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
111316	1564	2560	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{121}{512}$	$\Phi_{2560}\ \Phi_{1280}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
111317	1564	330	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{7}{30}$	$\Phi_{330}^{4}\ \Phi_{165}^{5}\ \Phi_{110}^{4}\ \Phi_{66}^{4}\ \Phi_{55}^{5}\ \Phi_{33}^{5}\ \Phi_{30}^{6}\ \Phi_{22}^{6}\ \Phi_{15}^{6}\ \Phi_{11}^{6}\ \Phi_{10}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
111318	1564	550	$\frac{2}{25}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{22}$	$\Phi_{550}^{4}\ \Phi_{275}^{2}\ \Phi_{110}^{2}\ \Phi_{55}\ \Phi_{50}^{4}\ \Phi_{25}^{4}\ \Phi_{22}^{4}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
111319	1564	594	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{5}{22}$	$\Phi_{594}^{4}\ \Phi_{297}^{2}\ \Phi_{198}^{2}\ \Phi_{99}\ \Phi_{66}^{2}\ \Phi_{54}^{4}\ \Phi_{33}\ \Phi_{27}^{4}\ \Phi_{22}^{4}\ \Phi_{18}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
111320	1564	2520	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{5}$	$\frac{113}{504}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{180}\ \Phi_{140}\ \Phi_{120}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
111321	1564	2080	$\frac{25}{416}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
111322	1564	480	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{480}$	$\frac{1}{5}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{3}\ \Phi_{120}^{3}\ \Phi_{96}^{4}\ \Phi_{80}^{3}\ \Phi_{60}^{3}\ \Phi_{48}^{4}\ \Phi_{40}^{4}\ \Phi_{32}^{4}\ \Phi_{30}^{3}\ \Phi_{24}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{15}^{3}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
111323	1564	420	$\frac{29}{420}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{4}\ \Phi_{70}^{4}\ \Phi_{60}^{4}\ \Phi_{42}^{4}\ \Phi_{35}\ \Phi_{30}^{4}\ \Phi_{28}^{4}\ \Phi_{21}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
111324	1564	2310	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{462}$	$\frac{1}{5}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{110}\ \Phi_{105}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
111325	1564	2160	$\frac{41}{432}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{5}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
111326	1564	2240	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{448}$	$\frac{1}{5}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
111327	1565	624	$\frac{1}{312}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{311}{624}$	$\Phi_{624}^{5}\ \Phi_{208}^{5}\ \Phi_{48}^{5}\ \Phi_{16}^{5}\ \Phi_{8}\ \Phi_{1}$
111328	1565	3104	$\frac{13}{1552}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1539}{3104}$	$\Phi_{3104}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
111329	1565	2944	$\frac{1}{92}$	$\frac{93}{1472}$	$\frac{1379}{2944}$	$\frac{91}{184}$	$\Phi_{2944}\ \Phi_{184}\ \Phi_{128}\ \Phi_{8}\ \Phi_{1}$
111330	1565	2208	$\frac{1}{92}$	$\frac{93}{736}$	$\frac{643}{2208}$	$\frac{91}{184}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{96}\ \Phi_{69}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
111331	1565	368	$\frac{1}{92}$	$\frac{55}{368}$	$\frac{93}{368}$	$\frac{91}{184}$	$\Phi_{368}^{4}\ \Phi_{184}^{5}\ \Phi_{92}^{4}\ \Phi_{46}^{4}\ \Phi_{23}^{4}\ \Phi_{16}^{4}\ \Phi_{8}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
111332	1565	1792	$\frac{3}{224}$	$\frac{227}{1792}$	$\frac{1}{4}$	$\frac{221}{448}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{256}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
111333	1565	2992	$\frac{1}{68}$	$\frac{69}{1496}$	$\frac{1427}{2992}$	$\frac{67}{136}$	$\Phi_{2992}\ \Phi_{272}\ \Phi_{176}\ \Phi_{136}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
111334	1565	616	$\frac{5}{308}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{303}{616}$	$\Phi_{616}^{5}\ \Phi_{88}^{5}\ \Phi_{56}^{5}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}^{5}\ \Phi_{7}\ \Phi_{1}$
111335	1565	3072	$\frac{29}{1536}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1507}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
111336	1565	612	$\frac{7}{306}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{299}{612}$	$\Phi_{612}^{5}\ \Phi_{204}^{5}\ \Phi_{68}^{5}\ \Phi_{51}\ \Phi_{36}^{5}\ \Phi_{12}^{5}\ \Phi_{4}^{5}\ \Phi_{3}\ \Phi_{1}$
111337	1565	612	$\frac{7}{306}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{299}{612}$	$\Phi_{612}^{5}\ \Phi_{204}^{5}\ \Phi_{68}^{5}\ \Phi_{36}^{5}\ \Phi_{17}^{2}\ \Phi_{12}^{5}\ \Phi_{4}^{5}\ \Phi_{1}^{3}$
111338	1565	2108	$\frac{16}{527}$	$\frac{1}{17}$	$\frac{543}{2108}$	$\frac{511}{1054}$	$\Phi_{2108}\ \Phi_{527}\ \Phi_{124}\ \Phi_{68}\ \Phi_{31}\ \Phi_{4}\ \Phi_{1}$
111339	1565	3036	$\frac{47}{1518}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{1471}{3036}$	$\Phi_{3036}\ \Phi_{1012}\ \Phi_{276}\ \Phi_{132}\ \Phi_{92}\ \Phi_{69}\ \Phi_{44}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
111340	1565	3024	$\frac{53}{1512}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{1459}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
111341	1565	2116	$\frac{22}{529}$	$\frac{1}{23}$	$\frac{551}{2116}$	$\frac{507}{1058}$	$\Phi_{2116}\ \Phi_{529}\ \Phi_{92}\ \Phi_{4}\ \Phi_{1}$
111342	1565	2912	$\frac{3}{112}$	$\frac{109}{1456}$	$\frac{1}{4}$	$\frac{1347}{2912}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
111343	1565	320	$\frac{7}{320}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{320}^{5}\ \Phi_{160}^{5}\ \Phi_{80}^{5}\ \Phi_{64}^{4}\ \Phi_{40}^{5}\ \Phi_{32}^{5}\ \Phi_{20}^{5}\ \Phi_{16}^{5}\ \Phi_{10}^{5}\ \Phi_{8}^{5}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
111344	1565	2856	$\frac{1}{68}$	$\frac{137}{1428}$	$\frac{67}{204}$	$\frac{1291}{2856}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{204}\ \Phi_{168}\ \Phi_{136}\ \Phi_{102}\ \Phi_{56}\ \Phi_{51}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
111345	1565	2176	$\frac{1}{68}$	$\frac{67}{544}$	$\frac{611}{2176}$	$\frac{477}{1088}$	$\Phi_{2176}\ \Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
111346	1565	552	$\frac{1}{92}$	$\frac{37}{276}$	$\frac{91}{276}$	$\frac{239}{552}$	$\Phi_{552}^{5}\ \Phi_{276}\ \Phi_{184}^{5}\ \Phi_{138}\ \Phi_{69}\ \Phi_{24}^{5}\ \Phi_{12}\ \Phi_{8}^{5}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
111347	1565	552	$\frac{1}{46}$	$\frac{37}{276}$	$\frac{9}{46}$	$\frac{239}{552}$	$\Phi_{552}^{5}\ \Phi_{184}^{5}\ \Phi_{46}^{4}\ \Phi_{24}^{5}\ \Phi_{23}^{4}\ \Phi_{8}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
111348	1565	1932	$\frac{1}{46}$	$\frac{45}{322}$	$\frac{367}{1932}$	$\frac{277}{644}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{483}\ \Phi_{322}\ \Phi_{276}\ \Phi_{161}\ \Phi_{138}\ \Phi_{84}\ \Phi_{69}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
111349	1565	2744	$\frac{3}{196}$	$\frac{193}{1372}$	$\frac{1}{4}$	$\frac{1179}{2744}$	$\Phi_{2744}\ \Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
111350	1565	544	$\frac{1}{68}$	$\frac{41}{272}$	$\frac{67}{272}$	$\frac{231}{544}$	$\Phi_{544}^{5}\ \Phi_{272}\ \Phi_{136}\ \Phi_{32}^{5}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
111351	1565	2688	$\frac{3}{224}$	$\frac{221}{1344}$	$\frac{1}{4}$	$\frac{1123}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
111352	1565	2208	$\frac{1}{92}$	$\frac{91}{552}$	$\frac{643}{2208}$	$\frac{461}{1104}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{96}\ \Phi_{69}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
111353	1565	323	$\frac{10}{323}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{323}^{5}\ \Phi_{19}^{5}\ \Phi_{17}^{2}\ \Phi_{1}^{3}$
111354	1565	368	$\frac{1}{46}$	$\frac{55}{368}$	$\frac{9}{46}$	$\frac{37}{92}$	$\Phi_{368}^{5}\ \Phi_{184}^{5}\ \Phi_{46}^{4}\ \Phi_{23}^{4}\ \Phi_{16}^{5}\ \Phi_{8}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
111355	1565	2576	$\frac{1}{46}$	$\frac{45}{322}$	$\frac{277}{1288}$	$\frac{1011}{2576}$	$\Phi_{2576}\ \Phi_{368}\ \Phi_{322}\ \Phi_{161}\ \Phi_{112}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
111356	1565	2520	$\frac{2}{315}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
111357	1565	936	$\frac{1}{156}$	$\frac{1}{4}$	$\frac{155}{468}$	$\frac{3}{8}$	$\Phi_{936}^{4}\ \Phi_{468}\ \Phi_{234}\ \Phi_{117}\ \Phi_{72}^{4}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
111358	1565	632	$\frac{3}{316}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{632}^{4}\ \Phi_{316}\ \Phi_{158}\ \Phi_{79}\ \Phi_{8}\ \Phi_{1}$
111359	1565	416	$\frac{1}{104}$	$\frac{103}{416}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{416}^{5}\ \Phi_{208}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{5}\ \Phi_{8}\ \Phi_{1}$
111360	1565	1584	$\frac{19}{1584}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{16}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
111361	1565	1560	$\frac{1}{78}$	$\frac{77}{390}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1560}^{2}\ \Phi_{520}^{2}\ \Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}^{2}\ \Phi_{65}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
111362	1565	1272	$\frac{5}{318}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1272}^{2}\ \Phi_{424}^{2}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}\ \Phi_{53}\ \Phi_{8}\ \Phi_{1}$
111363	1565	1872	$\frac{5}{312}$	$\frac{307}{1872}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
111364	1565	728	$\frac{1}{52}$	$\frac{51}{364}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{728}^{4}\ \Phi_{364}\ \Phi_{182}\ \Phi_{91}\ \Phi_{56}^{4}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
111365	1565	320	$\frac{7}{320}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{320}^{5}\ \Phi_{160}^{5}\ \Phi_{80}^{5}\ \Phi_{64}^{5}\ \Phi_{40}^{5}\ \Phi_{32}^{5}\ \Phi_{20}^{5}\ \Phi_{16}^{5}\ \Phi_{10}^{5}\ \Phi_{8}\ \Phi_{5}^{5}\ \Phi_{1}$
111366	1565	2808	$\frac{1}{39}$	$\frac{38}{351}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{351}\ \Phi_{216}\ \Phi_{117}\ \Phi_{72}\ \Phi_{27}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
111367	1565	648	$\frac{11}{324}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{648}^{4}\ \Phi_{324}\ \Phi_{216}^{4}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}^{4}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
111368	1565	2600	$\frac{12}{325}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{325}\ \Phi_{200}\ \Phi_{65}\ \Phi_{40}\ \Phi_{25}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
111369	1565	1352	$\frac{1}{26}$	$\frac{25}{338}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1352}^{2}\ \Phi_{338}\ \Phi_{169}\ \Phi_{8}\ \Phi_{1}$
111370	1565	336	$\frac{1}{24}$	$\frac{23}{336}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{336}^{5}\ \Phi_{168}^{5}\ \Phi_{112}^{5}\ \Phi_{84}^{5}\ \Phi_{56}^{5}\ \Phi_{48}^{5}\ \Phi_{42}^{5}\ \Phi_{28}^{5}\ \Phi_{21}^{5}\ \Phi_{16}^{5}\ \Phi_{14}^{5}\ \Phi_{8}\ \Phi_{7}^{5}\ \Phi_{1}$
111371	1565	1664	$\frac{5}{104}$	$\frac{99}{1664}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
111372	1565	2448	$\frac{1}{68}$	$\frac{67}{408}$	$\frac{341}{1224}$	$\frac{883}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{144}\ \Phi_{136}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
111373	1565	1632	$\frac{67}{1632}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{96}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
111374	1565	1656	$\frac{1}{23}$	$\frac{91}{1656}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{184}\ \Phi_{92}\ \Phi_{72}\ \Phi_{69}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
111375	1565	2352	$\frac{3}{392}$	$\frac{1}{4}$	$\frac{389}{1176}$	$\frac{787}{2352}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{392}\ \Phi_{336}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
111376	1565	2016	$\frac{3}{224}$	$\frac{451}{2016}$	$\frac{1}{4}$	$\frac{221}{672}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
111377	1565	2304	$\frac{29}{768}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{739}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
111378	1565	2277	$\frac{1}{23}$	$\frac{47}{759}$	$\frac{712}{2277}$	$\frac{22}{69}$	$\Phi_{2277}\ \Phi_{207}\ \Phi_{99}\ \Phi_{69}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
111379	1565	459	$\frac{7}{153}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{146}{459}$	$\Phi_{459}^{5}\ \Phi_{51}\ \Phi_{27}^{5}\ \Phi_{3}\ \Phi_{1}$
111380	1565	459	$\frac{7}{153}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{146}{459}$	$\Phi_{459}^{5}\ \Phi_{27}^{5}\ \Phi_{17}^{2}\ \Phi_{1}^{3}$
111381	1565	336	$\frac{3}{56}$	$\frac{23}{336}$	$\frac{1}{4}$	$\frac{53}{168}$	$\Phi_{336}^{5}\ \Phi_{168}^{4}\ \Phi_{112}^{5}\ \Phi_{84}^{4}\ \Phi_{56}^{5}\ \Phi_{48}^{5}\ \Phi_{42}^{4}\ \Phi_{28}^{5}\ \Phi_{24}^{4}\ \Phi_{21}^{4}\ \Phi_{16}^{5}\ \Phi_{14}^{5}\ \Phi_{12}^{4}\ \Phi_{8}^{5}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
111382	1565	408	$\frac{1}{17}$	$\frac{7}{102}$	$\frac{95}{408}$	$\frac{16}{51}$	$\Phi_{408}^5\ \Phi_{204}^5\ \Phi_{136}^5\ \Phi_{68}^5\ \Phi_{51}\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_4^5\ \Phi_3\ \Phi_1$
111383	1565	1683	$\frac{1}{17}$	$\frac{118}{1683}$	$\frac{35}{153}$	$\frac{16}{51}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{99}\ \Phi_{51}\ \Phi_{33}\ \Phi_{11}\ \Phi_3\ \Phi_1$
111384	1565	1836	$\frac{1}{17}$	$\frac{35}{306}$	$\frac{271}{1836}$	$\frac{16}{51}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{204}\ \Phi_{108}\ \Phi_{68}\ \Phi_{54}\ \Phi_{51}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
111385	1565	357	$\frac{1}{17}$	$\frac{44}{357}$	$\frac{7}{51}$	$\frac{16}{51}$	$\Phi_{357}^5\ \Phi_{119}^5\ \Phi_{51}\ \Phi_{21}^5\ \Phi_7^5\ \Phi_3\ \Phi_1$
111386	1565	1632	$\frac{67}{1632}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_1$
111387	1565	414	$\frac{1}{46}$	$\frac{9}{46}$	$\frac{101}{414}$	$\frac{37}{138}$	$\Phi_{414}^5\ \Phi_{207}^5\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{18}^5\ \Phi_9^5\ \Phi_2^4\ \Phi_1^5$
111388	1565	2048	$\frac{29}{512}$	$\frac{3}{32}$	$\frac{483}{2048}$	$\frac{1}{4}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
111389	1565	1664	$\frac{99}{1664}$	$\frac{3}{32}$	$\frac{29}{128}$	$\frac{1}{4}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_1$
111390	1565	2016	$\frac{3}{56}$	$\frac{53}{504}$	$\frac{451}{2016}$	$\frac{1}{4}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
111391	1565	384	$\frac{29}{384}$	$\frac{3}{32}$	$\frac{71}{384}$	$\frac{1}{4}$	$\Phi_{384}^4\ \Phi_{192}^4\ \Phi_{128}^4\ \Phi_{96}^4\ \Phi_{64}^4\ \Phi_{48}^4\ \Phi_{32}^5\ \Phi_{24}^4\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_8^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
111392	1565	336	$\frac{23}{336}$	$\frac{3}{28}$	$\frac{5}{28}$	$\frac{1}{4}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{48}^5\ \Phi_{42}^5\ \Phi_{28}\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{16}^5\ \Phi_{14}\ \Phi_{12}^5\ \Phi_8^5\ \Phi_7\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
111393	1565	1848	$\frac{25}{308}$	$\frac{3}{28}$	$\frac{283}{1848}$	$\frac{1}{4}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{66}\ \Phi_{56}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
111394	1565	1728	$\frac{3}{32}$	$\frac{163}{1728}$	$\frac{29}{192}$	$\frac{1}{4}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
111395	1565	1792	$\frac{3}{32}$	$\frac{29}{256}$	$\frac{227}{1792}$	$\frac{1}{4}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
111396	1565	408	$\frac{7}{102}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{95}{408}$	$\Phi_{408}^5\ \Phi_{204}^5\ \Phi_{136}^5\ \Phi_{68}^5\ \Phi_{24}^5\ \Phi_{17}^2\ \Phi_{12}^5\ \Phi_8^5\ \Phi_4^5\ \Phi_1^3$
111397	1565	340	$\frac{27}{340}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{34}$	$\Phi_{340}^5\ \Phi_{170}^5\ \Phi_{85}^5\ \Phi_{68}^5\ \Phi_{20}^5\ \Phi_{17}^2\ \Phi_{10}^5\ \Phi_5^5\ \Phi_4^5\ \Phi_1^3$
111398	1565	357	$\frac{2}{17}$	$\frac{44}{357}$	$\frac{7}{51}$	$\frac{3}{17}$	$\Phi_{357}^5\ \Phi_{119}^5\ \Phi_{21}^5\ \Phi_{17}^2\ \Phi_7^5\ \Phi_1^3$
111399	1566	1252	$\frac{1}{313}$	$\frac{157}{626}$	$\frac{469}{1252}$	$\frac{156}{313}$	$\Phi_{1252}^2\ \Phi_{313}\ \Phi_4^2\ \Phi_1^2$
111400	1566	520	$\frac{1}{260}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{259}{520}$	$\Phi_{520}^6\ \Phi_{104}^6\ \Phi_{40}^6\ \Phi_8^6\ \Phi_5\ \Phi_1^2$
111401	1566	1560	$\frac{1}{260}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{259}{520}$	$\Phi_{1560}^3\ \Phi_{312}^3\ \Phi_{120}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
111402	1566	2768	$\frac{1}{173}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{86}{173}$	$\Phi_{2768}\ \Phi_{173}\ \Phi_{16}^2\ \Phi_1^2$
111403	1566	692	$\frac{1}{173}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{86}{173}$	$\Phi_{692}^2\ \Phi_{346}^2\ \Phi_{173}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
111404	1566	1554	$\frac{2}{259}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{257}{518}$	$\Phi_{1554}^3\ \Phi_{222}^3\ \Phi_{42}^3\ \Phi_{21}\ \Phi_6^3$
111405	1566	1565	$\frac{13}{1565}$	$\frac{263}{1565}$	$\frac{434}{1565}$	$\frac{776}{1565}$	$\Phi_{1565}\ \Phi_{313}\ \Phi_5\ \Phi_1^2$
111406	1566	2688	$\frac{1}{112}$	$\frac{113}{896}$	$\frac{1}{3}$	$\frac{111}{224}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{384}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
111407	1566	4656	$\frac{7}{776}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{769}{1552}$	$\Phi_{4656}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
111408	1566	2092	$\frac{5}{523}$	$\frac{88}{523}$	$\frac{1}{4}$	$\frac{259}{523}$	$\Phi_{2092}\ \Phi_{1046}$
111409	1566	2924	$\frac{1}{86}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{85}{172}$	$\Phi_{2924}\ \Phi_{172}^2\ \Phi_{68}\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
111410	1566	2580	$\frac{1}{86}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{85}{172}$	$\Phi_{2580}^2\ \Phi_{516}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
111411	1566	2924	$\frac{1}{86}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{85}{172}$	$\Phi_{2924}\ \Phi_{172}^2\ \Phi_{68}\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
111412	1566	1204	$\frac{1}{86}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{85}{172}$	$\Phi_{1204}\ \Phi_{602}^2\ \Phi_{301}^2\ \Phi_{28}^2\ \Phi_{14}^3\ \Phi_7^2$
111413	1566	313	$\frac{5}{313}$	$\frac{52}{313}$	$\frac{53}{313}$	$\frac{154}{313}$	$\Phi_{313}^5\ \Phi_1^6$
111414	1566	4620	$\frac{13}{770}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{757}{1540}$	$\Phi_{4620}\ \Phi_{924}\ \Phi_{660}\ \Phi_{420}\ \Phi_{132}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
111415	1566	2964	$\frac{1}{57}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{28}{57}$	$\Phi_{2964}\ \Phi_{988}\ \Phi_{228}\ \Phi_{156}\ \Phi_{76}\ \Phi_{57}\ \Phi_{52}^2\ \Phi_{19}\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
111416	1566	741	$\frac{1}{57}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{28}{57}$	$\Phi_{741}^2\ \Phi_{247}^2\ \Phi_{57}^3\ \Phi_{39}^2\ \Phi_{19}^3\ \Phi_{13}^4\ \Phi_3^3\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
111417	1566	1140	$\frac{1}{57}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{28}{57}$	$\Phi_{1140}^2\ \Phi_{570}\ \Phi_{380}^2\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}^2\ \Phi_{57}\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
111418	1566	2968	$\frac{1}{53}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{26}{53}$	$\Phi_{2968}\ \Phi_{424}\ \Phi_{56}^2\ \Phi_{53}\ \Phi_8^2\ \Phi_1^2$
111419	1566	2226	$\frac{1}{53}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{26}{53}$	$\Phi_{2226}\ \Phi_{1113}\ \Phi_{318}\ \Phi_{159}\ \Phi_{53}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
111420	1566	1696	$\frac{1}{53}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{26}{53}$	$\Phi_{1696}\ \Phi_{848}\ \Phi_{424}\ \Phi_{53}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
111421	1566	1855	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{26}{53}$	$\Phi_{1855}\ \Phi_{265}\ \Phi_{53}\ \Phi_{35}^2\ \Phi_5^2\ \Phi_1^2$
111422	1566	1536	$\frac{5}{256}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{251}{512}$	$\Phi_{1536}^3\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
111423	1566	170	$\frac{2}{85}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{83}{170}$	$\Phi_{170}^8\ \Phi_{85}^{10}\ \Phi_{34}^8\ \Phi_{17}^{10}\ \Phi_{10}^{12}\ \Phi_5^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
111424	1566	1565	$\frac{37}{1565}$	$\frac{89}{1565}$	$\frac{492}{1565}$	$\frac{764}{1565}$	$\Phi_{1565}\ \Phi_{313}\ \Phi_5\ \Phi_1^2$
111425	1566	70	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{6}{35}$	$\frac{17}{35}$	$\Phi_{70}^{25}\ \Phi_{35}^{20}\ \Phi_{14}^{25}\ \Phi_{10}^{24}\ \Phi_7^{20}\ \Phi_5^{19}\ \Phi_2^{24}\ \Phi_1^{20}$
111426	1566	1565	$\frac{49}{1565}$	$\frac{144}{1565}$	$\frac{269}{1565}$	$\frac{758}{1565}$	$\Phi_{1565}\ \Phi_{313}\ \Phi_5\ \Phi_1^2$
111427	1566	2092	$\frac{17}{523}$	$\frac{30}{523}$	$\frac{1}{4}$	$\frac{253}{523}$	$\Phi_{2092}\ \Phi_{1046}$
111428	1566	168	$\frac{1}{28}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{168}^{27}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}^{27}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
111429	1566	2968	$\frac{1}{28}$	$\frac{2}{53}$	$\frac{17}{53}$	$\frac{27}{56}$	$\Phi_{2968}\ \Phi_{424}\ \Phi_{56}^2\ \Phi_{53}\ \Phi_8^2\ \Phi_1^2$
111430	1566	1064	$\frac{1}{28}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{1064}^3\ \Phi_{152}^3\ \Phi_{76}\ \Phi_{38}$
111431	1566	2968	$\frac{1}{28}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{27}{56}$	$\Phi_{2968}\ \Phi_{424}\ \Phi_{56}^2\ \Phi_{53}\ \Phi_8^2\ \Phi_1^2$
111432	1566	280	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{27}{56}$	$\Phi_{280}^{12}\ \Phi_{70}\ \Phi_{56}^6\ \Phi_{40}^{12}\ \Phi_{35}\ \Phi_{14}\ \Phi_8^6$
111433	1566	780	$\frac{1}{30}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{780}^4\ \Phi_{260}^4\ \Phi_{156}^3\ \Phi_{60}^4\ \Phi_{52}^4\ \Phi_{30}^2\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
111434	1566	988	$\frac{1}{26}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{25}{52}$	$\Phi_{988}^3\ \Phi_{76}^3\ \Phi_{52}^4\ \Phi_{38}^2\ \Phi_{19}\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
111435	1566	100	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{13}{100}$	$\frac{12}{25}$	$\Phi_{100}^{18}\ \Phi_{50}^{13}\ \Phi_{25}^{14}\ \Phi_{20}^{18}\ \Phi_{10}^{12}\ \Phi_5^{13}\ \Phi_4^{18}\ \Phi_2^{12}\ \Phi_1^{14}$
111436	1566	731	$\frac{1}{43}$	$\frac{1}{17}$	$\frac{14}{43}$	$\frac{8}{17}$	$\Phi_{731}^2\ \Phi_{43}^4\ \Phi_{17}^3\ \Phi_1^6$
111437	1566	1020	$\frac{1}{30}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{1020}^2\ \Phi_{510}\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{204}^2\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}^4\ \Phi_{51}\ \Phi_{30}^2\ \Phi_{20}^4\ \Phi_{17}\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
111438	1566	2400	$\frac{17}{800}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
111439	1566	1470	$\frac{1}{49}$	$\frac{16}{245}$	$\frac{1}{3}$	$\frac{229}{490}$	$\Phi_{1470}^3\ \Phi_{294}^3\ \Phi_{210}^3\ \Phi_{147}\ \Phi_{42}^3\ \Phi_{30}^3\ \Phi_{21}\ \Phi_6^3$
111440	1566	2970	$\frac{1}{55}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{2970}\ \Phi_{990}\ \Phi_{594}\ \Phi_{330}\ \Phi_{270}\ \Phi_{198}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{10}$
111441	1566	1565	$\frac{29}{1565}$	$\frac{117}{1565}$	$\frac{512}{1565}$	$\frac{724}{1565}$	$\Phi_{1565}\ \Phi_{313}\ \Phi_5\ \Phi_1^2$
111442	1566	4368	$\frac{1}{56}$	$\frac{55}{728}$	$\frac{1}{3}$	$\frac{673}{1456}$	$\Phi_{4368}\ \Phi_{624}\ \Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
111443	1566	150	$\frac{1}{30}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{150}^{10}\ \Phi_{75}^{10}\ \Phi_{50}^8\ \Phi_{30}^{14}\ \Phi_{25}^{10}\ \Phi_{15}^{14}\ \Phi_{10}^{12}\ \Phi_6^{14}\ \Phi_5^{13}\ \Phi_3^{14}\ \Phi_2^{12}\ \Phi_1^{14}$
111444	1566	3040	$\frac{1}{19}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{160}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
111445	1566	330	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{330}^5\ \Phi_{165}^5\ \Phi_{110}^5\ \Phi_{66}^5\ \Phi_{55}^5\ \Phi_{33}^5\ \Phi_{30}^4\ \Phi_{22}^5\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_3^4\ \Phi_2^4$
111446	1566	440	$\frac{1}{55}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{440}^5\ \Phi_{110}^5\ \Phi_{88}^5\ \Phi_{55}^4\ \Phi_{40}^4\ \Phi_{22}^5\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
111447	1566	1565	$\frac{44}{1565}$	$\frac{169}{1565}$	$\frac{289}{1565}$	$\frac{698}{1565}$	$\Phi_{1565}\ \Phi_{313}\ \Phi_5\ \Phi_1^2$
111448	1566	2092	$\frac{10}{523}$	$\frac{57}{523}$	$\frac{1}{4}$	$\frac{233}{523}$	$\Phi_{2092}\ \Phi_{1046}$
111449	1566	528	$\frac{1}{88}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{528}^8\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}^7\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
111450	1566	2768	$\frac{2}{173}$	$\frac{1}{8}$	$\frac{57}{173}$	$\frac{7}{16}$	$\Phi_{2768}\ \Phi_{173}\ \Phi_{16}^2\ \Phi_1^2$
111451	1566	944	$\frac{1}{59}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{944}^3\ \Phi_{236}\ \Phi_{118}$
111452	1566	2768	$\frac{5}{173}$	$\frac{1}{8}$	$\frac{28}{173}$	$\frac{7}{16}$	$\Phi_{2768}\ \Phi_{173}\ \Phi_{16}^2\ \Phi_1^2$
111453	1566	1680	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{210}\ \Phi_{112}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
111454	1566	608	$\frac{1}{19}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{608}^3\ \Phi_{304}^2\ \Phi_{152}^3\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{19}^2$
111455	1566	2926	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{154}$	$\Phi_{2926}\ \Phi_{418}\ \Phi_{266}\ \Phi_{209}\ \Phi_{38}$
111456	1566	4116	$\frac{1}{98}$	$\frac{97}{686}$	$\frac{1}{3}$	$\frac{589}{1372}$	$\Phi_{4116}\ \Phi_{588}\ \Phi_{294}\ \Phi_{147}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
111457	1566	910	$\frac{4}{91}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{182}^2\ \Phi_{130}^2\ \Phi_{70}\ \Phi_{65}^2\ \Phi_{35}\ \Phi_{26}^2\ \Phi_{14}$
111458	1566	550	$\frac{1}{55}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{550}^5\ \Phi_{110}^5\ \Phi_{55}^4\ \Phi_{50}^4\ \Phi_{22}^5\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
111459	1566	50	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{4}{25}$	$\frac{21}{50}$	$\Phi_{50}^{29}\ \Phi_{25}^{34}\ \Phi_{10}^{28}\ \Phi_5^{33}\ \Phi_2^{28}\ \Phi_1^{34}$
111460	1566	1344	$\frac{1}{112}$	$\frac{37}{224}$	$\frac{1}{3}$	$\frac{187}{448}$	$\Phi_{1344}^3\ \Phi_{336}\ \Phi_{192}^3\ \Phi_{168}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
111461	1566	1980	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{45}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{10}$
111462	1566	130	$\frac{1}{130}$	$\frac{1}{5}$	$\frac{43}{130}$	$\frac{2}{5}$	$\Phi_{130}^{12}\ \Phi_{65}^{12}\ \Phi_{26}^{12}\ \Phi_{13}^{12}\ \Phi_{10}^{12}\ \Phi_5^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
111463	1566	790	$\frac{7}{790}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{790}^2\ \Phi_{395}^2\ \Phi_{158}^2\ \Phi_{79}^2\ \Phi_5\ \Phi_1^2$
111464	1566	440	$\frac{1}{88}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{440}^3\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{88}^6\ \Phi_{55}^3\ \Phi_{44}^6\ \Phi_{40}^3\ \Phi_{22}^6\ \Phi_{20}^2\ \Phi_{11}^6\ \Phi_{10}^2\ \Phi_8^6\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
111465	1566	1040	$\frac{3}{260}$	$\frac{1}{5}$	$\frac{257}{1040}$	$\frac{2}{5}$	$\Phi_{1040}^2\ \Phi_{520}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
111466	1566	265	$\frac{4}{265}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{265}^6\ \Phi_{53}^6\ \Phi_5\ \Phi_1^2$
111467	1566	325	$\frac{1}{65}$	$\frac{64}{325}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{325}^6\ \Phi_{25}^6\ \Phi_5\ \Phi_1^2$
111468	1566	520	$\frac{1}{52}$	$\frac{17}{104}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{520}^3\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{104}^6\ \Phi_{65}^2\ \Phi_{52}^4\ \Phi_{40}^3\ \Phi_{26}^4\ \Phi_{20}^2\ \Phi_{13}^4\ \Phi_{10}^2\ \Phi_8^6\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
111469	1566	800	$\frac{17}{800}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{800}^2\ \Phi_{400}^2\ \Phi_{200}^2\ \Phi_{160}^2\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{25}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
111470	1566	910	$\frac{3}{130}$	$\frac{127}{910}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
111471	1566	65	$\frac{2}{65}$	$\frac{7}{65}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{65}^{24}\ \Phi_{13}^{24}\ \Phi_5^{25}\ \Phi_1^{26}$
111472	1566	30	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{30}^{54}\ \Phi_{15}^{54}\ \Phi_{10}^{48}\ \Phi_6^{54}\ \Phi_5^{49}\ \Phi_3^{54}\ \Phi_2^{48}\ \Phi_1^{50}$
111473	1566	1430	$\frac{1}{26}$	$\frac{25}{286}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1430}\ \Phi_{715}\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
111474	1566	455	$\frac{4}{91}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{455}^3\ \Phi_{91}^6\ \Phi_{65}^2\ \Phi_{35}^3\ \Phi_{13}^4\ \Phi_7^6\ \Phi_5^3\ \Phi_1^6$
111475	1566	845	$\frac{3}{65}$	$\frac{62}{845}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{845}^2\ \Phi_{169}^2\ \Phi_5\ \Phi_1^2$
111476	1566	280	$\frac{1}{20}$	$\frac{19}{280}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{56}^6\ \Phi_{40}^6\ \Phi_{35}^6\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_8^6\ \Phi_7^6\ \Phi_5\ \Phi_1^2$
111477	1566	2640	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{330}\ \Phi_{240}\ \Phi_{176}\ \Phi_{165}\ \Phi_{110}\ \Phi_{80}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{10}$
111478	1566	1565	$\frac{11}{1565}$	$\frac{349}{1565}$	$\frac{518}{1565}$	$\frac{608}{1565}$	$\Phi_{1565}\ \Phi_{313}\ \Phi_5\ \Phi_1^2$
111479	1566	660	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{660}^4\ \Phi_{330}\ \Phi_{220}^4\ \Phi_{165}\ \Phi_{132}^4\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}^4\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_4^2$
111480	1566	140	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{17}{70}$	$\frac{53}{140}$	$\Phi_{140}^{18}\ \Phi_{70}^5\ \Phi_{35}^4\ \Phi_{28}^{18}\ \Phi_{20}^{18}\ \Phi_{14}^5\ \Phi_{10}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_4^{18}\ \Phi_2^4\ \Phi_1^4$
111481	1566	1888	$\frac{1}{59}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1888}\ \Phi_{944}\ \Phi_{236}\ \Phi_{118}$
111482	1566	1672	$\frac{1}{88}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{418}\ \Phi_{209}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
111483	1566	826	$\frac{1}{59}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{826}^3\ \Phi_{413}\ \Phi_{118}^3$
111484	1566	313	$\frac{7}{313}$	$\frac{34}{313}$	$\frac{93}{313}$	$\frac{110}{313}$	$\Phi_{313}^5\ \Phi_1^6$
111485	1566	330	$\frac{1}{30}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{330}^5\ \Phi_{165}^5\ \Phi_{110}^5\ \Phi_{66}^5\ \Phi_{55}^4\ \Phi_{33}^5\ \Phi_{30}^4\ \Phi_{22}^5\ \Phi_{15}^4\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
111486	1566	836	$\frac{1}{22}$	$\frac{1}{19}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{836}^3\ \Phi_{418}\ \Phi_{209}\ \Phi_{76}^3\ \Phi_{38}$
111487	1566	313	$\frac{10}{313}$	$\frac{23}{313}$	$\frac{101}{313}$	$\frac{106}{313}$	$\Phi_{313}^5\ \Phi_1^6$
111488	1566	350	$\frac{4}{175}$	$\frac{1}{10}$	$\frac{57}{175}$	$\frac{59}{175}$	$\Phi_{350}^5\ \Phi_{175}^4\ \Phi_{70}^5\ \Phi_{50}^5\ \Phi_{35}^4\ \Phi_{25}^4\ \Phi_{14}^5\ \Phi_{10}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
111489	1566	1565	$\frac{14}{1565}$	$\frac{347}{1565}$	$\frac{517}{1565}$	$\frac{524}{1565}$	$\Phi_{1565}\ \Phi_{313}\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
111490	1566	2092	$\frac{4}{523}$	$\frac{1}{4}$	$\frac{173}{523}$	$\frac{175}{523}$	$\Phi_{2092}\ \Phi_{1046}$
111491	1566	1176	$\frac{1}{196}$	$\frac{65}{196}$	$\frac{1}{3}$	$\frac{131}{392}$	$\Phi_{1176}^3\ \Phi_{588}\ \Phi_{294}\ \Phi_{168}^3\ \Phi_{147}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
111492	1566	780	$\frac{1}{130}$	$\frac{1}{4}$	$\frac{43}{130}$	$\frac{1}{3}$	$\Phi_{780}^4\ \Phi_{390}^2\ \Phi_{195}^2\ \Phi_{156}^4\ \Phi_{78}^2\ \Phi_{60}^4\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^5\ \Phi_6^3\ \Phi_3^2$
111493	1566	336	$\frac{1}{112}$	$\frac{25}{112}$	$\frac{37}{112}$	$\frac{1}{3}$	$\Phi_{336}^7\ \Phi_{168}^7\ \Phi_{84}^7\ \Phi_{48}^7\ \Phi_{42}^7\ \Phi_{24}^7\ \Phi_{21}^7\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
111494	1566	294	$\frac{1}{49}$	$\frac{11}{98}$	$\frac{16}{49}$	$\frac{1}{3}$	$\Phi_{294}^9\ \Phi_{147}^7\ \Phi_{42}^9\ \Phi_{21}^7\ \Phi_6^9\ \Phi_3^6$
111495	1566	1290	$\frac{1}{43}$	$\frac{1}{10}$	$\frac{14}{43}$	$\frac{1}{3}$	$\Phi_{1290}^2\ \Phi_{645}^2\ \Phi_{258}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_6^3$
111496	1566	2352	$\frac{25}{784}$	$\frac{59}{784}$	$\frac{253}{784}$	$\frac{1}{3}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
111497	1566	840	$\frac{1}{28}$	$\frac{19}{280}$	$\frac{9}{28}$	$\frac{1}{3}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{105}^3\ \Phi_{84}\ \Phi_{60}^3\ \Phi_{42}\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
111498	1566	384	$\frac{5}{128}$	$\frac{1}{16}$	$\frac{41}{128}$	$\frac{1}{3}$	$\Phi_{384}^6\ \Phi_{192}^6\ \Phi_{96}^6\ \Phi_{48}^7\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
111499	1566	816	$\frac{11}{272}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{816}^3\ \Phi_{408}^3\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
111500	1566	84	$\frac{1}{28}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{84}^{15}\ \Phi_{42}^{14}\ \Phi_{28}^{28}\ \Phi_{21}^{14}\ \Phi_{14}^{26}\ \Phi_{12}^{15}\ \Phi_7^{26}\ \Phi_6^{14}\ \Phi_4^{28}\ \Phi_3^{13}\ \Phi_2^{26}\ \Phi_1^{26}$
111501	1566	390	$\frac{1}{30}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{65}^4\ \Phi_{39}^2\ \Phi_{30}^6\ \Phi_{26}^4\ \Phi_{15}^6\ \Phi_{13}^4\ \Phi_{10}^6\ \Phi_6^6\ \Phi_5^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
111502	1566	2352	$\frac{19}{784}$	$\frac{85}{784}$	$\frac{233}{784}$	$\frac{1}{3}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
111503	1566	798	$\frac{5}{266}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{798}^3\ \Phi_{399}^3\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{42}^3\ \Phi_{21}\ \Phi_6^3$
111504	1566	264	$\frac{1}{88}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{264}^9\ \Phi_{132}^9\ \Phi_{66}^9\ \Phi_{33}^9\ \Phi_{24}^9\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
111505	1566	3120	$\frac{3}{260}$	$\frac{257}{1040}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{624}\ \Phi_{312}\ \Phi_{240}\ \Phi_{120}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
111506	1566	3180	$\frac{4}{265}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3180}\ \Phi_{1590}\ \Phi_{636}\ \Phi_{318}\ \Phi_{12}\ \Phi_6$
111507	1566	3900	$\frac{1}{65}$	$\frac{64}{325}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3900}\ \Phi_{1950}\ \Phi_{300}\ \Phi_{150}\ \Phi_{12}\ \Phi_6$
111508	1566	312	$\frac{1}{52}$	$\frac{17}{104}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{312}^9\ \Phi_{156}^6\ \Phi_{78}^6\ \Phi_{39}^6\ \Phi_{24}^9\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
111509	1566	2400	$\frac{17}{800}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{96}\ \Phi_{75}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
111510	1566	780	$\frac{2}{65}$	$\frac{7}{65}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^4\ \Phi_{390}^4\ \Phi_{156}^4\ \Phi_{78}^4\ \Phi_{60}^4\ \Phi_{30}^4\ \Phi_{12}^5\ \Phi_6^5$
111511	1566	60	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^{34}\ \Phi_{30}^{17}\ \Phi_{20}^{36}\ \Phi_{15}^{17}\ \Phi_{12}^{35}\ \Phi_{10}^{18}\ \Phi_6^{18}\ \Phi_5^{18}\ \Phi_4^{36}\ \Phi_3^{17}\ \Phi_2^{18}\ \Phi_1^{18}$
111512	1566	672	$\frac{1}{28}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{672}^4\ \Phi_{336}^4\ \Phi_{168}^4\ \Phi_{96}^3\ \Phi_{84}\ \Phi_{48}^3\ \Phi_{42}\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
111513	1566	1716	$\frac{1}{26}$	$\frac{25}{286}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1716}^2\ \Phi_{858}\ \Phi_{429}\ \Phi_{132}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
111514	1566	1092	$\frac{4}{91}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}^3\ \Phi_{546}^3\ \Phi_{156}^2\ \Phi_{84}^3\ \Phi_{78}^2\ \Phi_{42}^3\ \Phi_{12}^3\ \Phi_6^3$
111515	1566	840	$\frac{1}{20}$	$\frac{19}{280}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{12}\ \Phi_6$
111516	1566	2496	$\frac{3}{52}$	$\frac{49}{832}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
111517	1566	3108	$\frac{6}{259}$	$\frac{1}{7}$	$\frac{253}{1036}$	$\frac{1}{3}$	$\Phi_{3108}\ \Phi_{1554}\ \Phi_{444}\ \Phi_{222}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
111518	1566	3072	$\frac{15}{256}$	$\frac{1}{16}$	$\frac{241}{1024}$	$\frac{1}{3}$	$\Phi_{3072}\ \Phi_{1536}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
111519	1566	2496	$\frac{49}{832}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
111520	1566	336	$\frac{1}{28}$	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{3}$	$\Phi_{336}^9\ \Phi_{168}^9\ \Phi_{84}\ \Phi_{48}^9\ \Phi_{42}\ \Phi_{24}^9\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
111521	1566	1980	$\frac{1}{55}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{90}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
111522	1566	2940	$\frac{1}{49}$	$\frac{48}{245}$	$\frac{197}{980}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{588}\ \Phi_{420}\ \Phi_{294}\ \Phi_{210}\ \Phi_{147}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
111523	1566	840	$\frac{19}{280}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1}{3}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{210}^2\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
111524	1566	960	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{59}{320}$	$\frac{1}{3}$	$\Phi_{960}^3\ \Phi_{480}^3\ \Phi_{240}^3\ \Phi_{120}^3\ \Phi_{60}^3\ \Phi_{48}\ \Phi_{30}^3\ \Phi_{24}\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
111525	1566	420	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{420}^7\ \Phi_{210}^7\ \Phi_{105}^6\ \Phi_{84}\ \Phi_{60}^7\ \Phi_{42}\ \Phi_{30}^7\ \Phi_{21}\ \Phi_{15}^6\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
111526	1566	96	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{5}{32}$	$\frac{1}{3}$	$\Phi_{96}^{24}\ \Phi_{48}^{25}\ \Phi_{24}^{25}\ \Phi_{12}^{25}\ \Phi_{6}^{25}\ \Phi_{3}^{24}$
111527	1566	924	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{47}{308}$	$\frac{1}{3}$	$\Phi_{924}^{3}\ \Phi_{462}^{2}\ \Phi_{231}^{2}\ \Phi_{132}^{3}\ \Phi_{84}^{3}\ \Phi_{66}^{2}\ \Phi_{42}^{3}\ \Phi_{33}^{2}\ \Phi_{21}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
111528	1566	2688	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{113}{896}$	$\frac{1}{3}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
111529	1566	294	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{11}{98}$	$\frac{1}{3}$	$\Phi_{294}^{9}\ \Phi_{147}^{7}\ \Phi_{42}^{9}\ \Phi_{21}^{7}\ \Phi_{6}^{9}\ \Phi_{3}^{6}$
111530	1566	692	$\frac{2}{173}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{57}{173}$	$\Phi_{692}^{2}\ \Phi_{346}^{2}\ \Phi_{173}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
111531	1566	313	$\frac{4}{313}$	$\frac{70}{313}$	$\frac{81}{313}$	$\frac{103}{313}$	$\Phi_{313}^{5}\ \Phi_{1}^{6}$
111532	1566	2092	$\frac{7}{523}$	$\frac{117}{523}$	$\frac{1}{4}$	$\frac{172}{523}$	$\Phi_{2092}\ \Phi_{1046}$
111533	1566	731	$\frac{1}{43}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{14}{43}$	$\Phi_{731}^{2}\ \Phi_{43}^{4}\ \Phi_{17}^{3}\ \Phi_{1}^{6}$
111534	1566	1204	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{14}{43}$	$\Phi_{1204}^{2}\ \Phi_{602}^{2}\ \Phi_{28}^{3}\ \Phi_{14}^{3}$
111535	1566	1565	$\frac{38}{1565}$	$\frac{176}{1565}$	$\frac{463}{1565}$	$\frac{509}{1565}$	$\Phi_{1565}\ \Phi_{313}\ \Phi_{5}\ \Phi_{1}^{2}$
111536	1566	1834	$\frac{7}{262}$	$\frac{1}{7}$	$\frac{59}{262}$	$\frac{85}{262}$	$\Phi_{1834}\ \Phi_{917}\ \Phi_{14}$
111537	1566	1565	$\frac{47}{1565}$	$\frac{202}{1565}$	$\frac{353}{1565}$	$\frac{506}{1565}$	$\Phi_{1565}\ \Phi_{313}\ \Phi_{5}\ \Phi_{1}^{2}$
111538	1566	2092	$\frac{16}{523}$	$\frac{59}{523}$	$\frac{1}{4}$	$\frac{169}{523}$	$\Phi_{2092}\ \Phi_{1046}$
111539	1566	313	$\frac{10}{313}$	$\frac{52}{313}$	$\frac{53}{313}$	$\frac{101}{313}$	$\Phi_{313}^{5}\ \Phi_{1}^{6}$
111540	1566	2226	$\frac{2}{53}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{17}{53}$	$\Phi_{2226}\ \Phi_{1113}\ \Phi_{318}\ \Phi_{159}\ \Phi_{53}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
111541	1566	1696	$\frac{2}{53}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{17}{53}$	$\Phi_{1696}\ \Phi_{848}\ \Phi_{424}\ \Phi_{53}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
111542	1566	1855	$\frac{2}{53}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{17}{53}$	$\Phi_{1855}\ \Phi_{265}\ \Phi_{53}\ \Phi_{35}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
111543	1566	150	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{17}{75}$	$\frac{8}{25}$	$\Phi_{150}^{15}\ \Phi_{75}^{12}\ \Phi_{50}^{5}\ \Phi_{30}^{15}\ \Phi_{25}^{4}\ \Phi_{15}^{12}\ \Phi_{10}^{4}\ \Phi_{6}^{15}\ \Phi_{5}^{3}\ \Phi_{3}^{12}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
111544	1566	170	$\frac{4}{85}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{27}{85}$	$\Phi_{170}^{10}\ \Phi_{85}^{8}\ \Phi_{34}^{10}\ \Phi_{17}^{8}\ \Phi_{10}^{14}\ \Phi_{5}^{11}\ \Phi_{2}^{14}\ \Phi_{1}^{12}$
111545	1566	1596	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{1596}^{2}\ \Phi_{798}\ \Phi_{399}\ \Phi_{228}^{2}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
111546	1566	2226	$\frac{1}{14}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{13}{42}$	$\Phi_{2226}\ \Phi_{1113}\ \Phi_{318}\ \Phi_{159}\ \Phi_{53}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
111547	1566	210	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{13}{42}$	$\Phi_{210}^{12}\ \Phi_{105}^{12}\ \Phi_{70}\ \Phi_{42}^{6}\ \Phi_{35}\ \Phi_{30}^{12}\ \Phi_{21}^{6}\ \Phi_{15}^{12}\ \Phi_{14}\ \Phi_{6}^{6}\ \Phi_{3}^{6}$
111548	1566	494	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{9}{38}$	$\frac{4}{13}$	$\Phi_{494}^{4}\ \Phi_{247}^{2}\ \Phi_{38}^{6}\ \Phi_{26}^{4}\ \Phi_{19}^{3}\ \Phi_{13}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
111549	1566	1020	$\frac{1}{30}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{1020}^{2}\ \Phi_{510}\ \Phi_{340}^{2}\ \Phi_{255}\ \Phi_{204}^{2}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}^{4}\ \Phi_{51}\ \Phi_{30}^{2}\ \Phi_{20}^{4}\ \Phi_{17}\ \Phi_{15}^{2}\ \Phi_{12}^{4}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
111550	1566	330	$\frac{1}{30}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{330}^{5}\ \Phi_{165}^{5}\ \Phi_{110}^{5}\ \Phi_{66}^{5}\ \Phi_{55}^{4}\ \Phi_{33}^{5}\ \Phi_{30}^{4}\ \Phi_{22}^{5}\ \Phi_{15}^{4}\ \Phi_{11}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
111551	1566	630	$\frac{5}{63}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}^{3}\ \Phi_{126}^{3}\ \Phi_{105}^{3}\ \Phi_{90}^{3}\ \Phi_{70}\ \Phi_{45}^{3}\ \Phi_{42}^{3}\ \Phi_{35}\ \Phi_{30}^{3}\ \Phi_{18}^{3}\ \Phi_{15}^{3}\ \Phi_{14}\ \Phi_{6}^{3}$
111552	1566	150	$\frac{1}{30}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{150}^{10}\ \Phi_{75}^{10}\ \Phi_{50}^{10}\ \Phi_{30}^{14}\ \Phi_{25}^{8}\ \Phi_{15}^{14}\ \Phi_{10}^{14}\ \Phi_{6}^{14}\ \Phi_{5}^{11}\ \Phi_{3}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{12}$
111553	1566	1565	$\frac{41}{1565}$	$\frac{254}{1565}$	$\frac{376}{1565}$	$\frac{437}{1565}$	$\Phi_{1565}\ \Phi_{313}\ \Phi_{5}\ \Phi_{1}^{2}$
111554	1566	2092	$\frac{13}{523}$	$\frac{85}{523}$	$\frac{1}{4}$	$\frac{146}{523}$	$\Phi_{2092}\ \Phi_{1046}$
111555	1566	760	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{760}^{2}\ \Phi_{380}^{2}\ \Phi_{190}^{2}\ \Phi_{152}^{3}\ \Phi_{95}^{2}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{19}^{2}$
111556	1566	236	$\frac{1}{59}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{236}^{7}\ \Phi_{118}^{7}\ \Phi_{59}^{6}$
111557	1566	692	$\frac{5}{173}$	$\frac{28}{173}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{692}^{2}\ \Phi_{346}^{2}\ \Phi_{173}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
111558	1566	420	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{420}^{4}\ \Phi_{210}^{5}\ \Phi_{140}^{4}\ \Phi_{105}^{5}\ \Phi_{84}^{4}\ \Phi_{70}^{5}\ \Phi_{42}^{5}\ \Phi_{35}^{5}\ \Phi_{28}^{2}\ \Phi_{21}^{5}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
111559	1566	608	$\frac{1}{19}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{608}^{3}\ \Phi_{304}^{3}\ \Phi_{152}^{3}\ \Phi_{76}\ \Phi_{38}$
111560	1566	380	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{9}{38}$	$\frac{1}{4}$	$\Phi_{380}^{6}\ \Phi_{190}^{3}\ \Phi_{95}^{3}\ \Phi_{76}^{3}\ \Phi_{38}^{2}\ \Phi_{20}^{8}\ \Phi_{19}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
111561	1566	2128	$\frac{1}{19}$	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
111562	1566	2660	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{380}\ \Phi_{190}\ \Phi_{76}\ \Phi_{38}$
111563	1566	1696	$\frac{3}{32}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{4}$	$\Phi_{1696}\ \Phi_{848}\ \Phi_{424}\ \Phi_{53}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
111564	1566	1120	$\frac{3}{32}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{280}^2\ \Phi_{224}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{14}$
111565	1566	560	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{112}$	$\Phi_{560}^4\ \Phi_{280}^4\ \Phi_{112}^2\ \Phi_{80}^4\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{40}^4\ \Phi_{35}\ \Phi_{16}^2\ \Phi_{14}\ \Phi_8^2$
111566	1566	490	$\frac{1}{10}$	$\frac{11}{98}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{490}^4\ \Phi_{245}^4\ \Phi_{98}^2\ \Phi_{70}\ \Phi_{49}^2\ \Phi_{35}\ \Phi_{14}$
111567	1566	1855	$\frac{5}{53}$	$\frac{1}{7}$	$\frac{8}{53}$	$\frac{6}{35}$	$\Phi_{1855}\ \Phi_{265}\ \Phi_{53}\ \Phi_{35}^2\ \Phi_5^2\ \Phi_1^2$
111568	1566	70	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{70}^{25}\ \Phi_{35}^{19}\ \Phi_{14}^{25}\ \Phi_{10}^{24}\ \Phi_7^{24}\ \Phi_5^{18}\ \Phi_2^{24}\ \Phi_1^{24}$
111569	1567	3120	$\frac{7}{1560}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1553}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
111570	1567	2784	$\frac{1}{174}$	$\frac{175}{1392}$	$\frac{1217}{2784}$	$\frac{173}{348}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{348}\ \Phi_{116}\ \Phi_{96}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$
111571	1567	2088	$\frac{1}{174}$	$\frac{521}{2088}$	$\frac{175}{696}$	$\frac{173}{348}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{522}\ \Phi_{348}\ \Phi_{261}\ \Phi_{116}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
111572	1567	3096	$\frac{19}{1548}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{1529}{3096}$	$\Phi_{3096}\ \Phi_{1032}\ \Phi_{344}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
111573	1567	3016	$\frac{1}{58}$	$\frac{59}{1508}$	$\frac{1449}{3016}$	$\frac{57}{116}$	$\Phi_{3016}\ \Phi_{232}\ \Phi_{116}\ \Phi_{104}\ \Phi_8\ \Phi_4\ \Phi_1$
111574	1567	3024	$\frac{1}{54}$	$\frac{55}{1512}$	$\frac{1457}{3024}$	$\frac{53}{108}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{108}\ \Phi_{48}\ \Phi_{36}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
111575	1567	2268	$\frac{1}{54}$	$\frac{55}{756}$	$\frac{701}{2268}$	$\frac{53}{108}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
111576	1567	1728	$\frac{1}{54}$	$\frac{161}{1728}$	$\frac{55}{216}$	$\frac{53}{108}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
111577	1567	3060	$\frac{37}{1530}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1493}{3060}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{204}\ \Phi_{180}\ \Phi_{68}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
111578	1567	1890	$\frac{8}{315}$	$\frac{1}{9}$	$\frac{323}{1890}$	$\frac{307}{630}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}\ \Phi_{54}\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_1$
111579	1567	1800	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{233}{1800}$	$\frac{217}{450}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
111580	1567	3024	$\frac{55}{1512}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{1457}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
111581	1567	3024	$\frac{55}{1512}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1457}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{63}\ \Phi_{48}\ \Phi_{21}\ \Phi_{16}\ \Phi_7\ \Phi_1$
111582	1567	2916	$\frac{1}{54}$	$\frac{109}{1458}$	$\frac{53}{162}$	$\frac{1349}{2916}$	$\Phi_{2916}\ \Phi_{972}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
111583	1567	2900	$\frac{1}{29}$	$\frac{117}{1450}$	$\frac{28}{145}$	$\frac{1333}{2900}$	$\Phi_{2900}\ \Phi_{580}\ \Phi_{145}\ \Phi_{116}\ \Phi_{100}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
111584	1567	1914	$\frac{1}{29}$	$\frac{28}{319}$	$\frac{347}{1914}$	$\frac{291}{638}$	$\Phi_{1914}\ \Phi_{957}\ \Phi_{319}\ \Phi_{174}\ \Phi_{87}\ \Phi_{66}\ \Phi_{33}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
111585	1567	2880	$\frac{1}{18}$	$\frac{127}{1440}$	$\frac{17}{144}$	$\frac{1313}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
111586	1567	2160	$\frac{1}{54}$	$\frac{53}{540}$	$\frac{593}{2160}$	$\frac{487}{1080}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
111587	1567	1728	$\frac{1}{18}$	$\frac{161}{1728}$	$\frac{17}{144}$	$\frac{127}{288}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
111588	1567	2784	$\frac{1}{58}$	$\frac{175}{1392}$	$\frac{57}{232}$	$\frac{1217}{2784}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{232}\ \Phi_{116}\ \Phi_{96}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
111589	1567	1638	$\frac{71}{1638}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{234}\ \Phi_{182}\ \Phi_{117}\ \Phi_{91}\ \Phi_{78}\ \Phi_{63}\ \Phi_{39}\ \Phi_{26}\ \Phi_{21}\ \Phi_{13}\ \Phi_7\ \Phi_1$
111590	1567	2772	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{181}{1386}$	$\frac{1205}{2772}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{84}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{28}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
111591	1567	2700	$\frac{1}{54}$	$\frac{217}{1350}$	$\frac{53}{270}$	$\frac{1133}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{100}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
111592	1567	2700	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{217}{1350}$	$\frac{1133}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{108}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
111593	1567	1944	$\frac{1}{54}$	$\frac{53}{324}$	$\frac{377}{1944}$	$\frac{271}{648}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
111594	1567	2340	$\frac{7}{780}$	$\frac{1}{6}$	$\frac{773}{2340}$	$\frac{5}{12}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{234}\ \Phi_{180}\ \Phi_{117}\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
111595	1567	1584	$\frac{17}{1584}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_1$
111596	1567	1872	$\frac{7}{312}$	$\frac{305}{1872}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
111597	1567	1620	$\frac{53}{1620}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{81}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
111598	1567	1716	$\frac{7}{156}$	$\frac{149}{1716}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{286}\ \Phi_{143}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
111599	1567	1680	$\frac{7}{120}$	$\frac{113}{1680}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
111600	1567	1620	$\frac{53}{1620}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
111601	1567	1740	$\frac{1}{29}$	$\frac{173}{1740}$	$\frac{28}{145}$	$\frac{117}{290}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{174}\ \Phi_{145}\ \Phi_{116}\ \Phi_{87}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
111602	1567	2592	$\frac{1}{54}$	$\frac{53}{324}$	$\frac{271}{1296}$	$\frac{1025}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{324}\ \Phi_{288}\ \Phi_{162}\ \Phi_{108}\ \Phi_{96}\ \Phi_{81}\ \Phi_{36}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$
111603	1567	2552	$\frac{1}{29}$	$\frac{28}{319}$	$\frac{291}{1276}$	$\frac{985}{2552}$	$\Phi_{2552}\ \Phi_{319}\ \Phi_{232}\ \Phi_{88}\ \Phi_{11}\ \Phi_8\ \Phi_1$
111604	1567	2520	$\frac{8}{315}$	$\frac{1}{9}$	$\frac{307}{1260}$	$\frac{953}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
111605	1567	1856	$\frac{1}{58}$	$\frac{289}{1856}$	$\frac{57}{232}$	$\frac{175}{464}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{232}\ \Phi_{116}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
111606	1567	2436	$\frac{1}{58}$	$\frac{57}{406}$	$\frac{349}{1218}$	$\frac{869}{2436}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{406}\ \Phi_{348}\ \Phi_{203}\ \Phi_{116}\ \Phi_{84}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
111607	1567	2376	$\frac{17}{396}$	$\frac{1}{18}$	$\frac{379}{1188}$	$\frac{809}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{216}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
111608	1567	1944	$\frac{1}{54}$	$\frac{377}{1944}$	$\frac{109}{486}$	$\frac{53}{162}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
111609	1567	2025	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{458}{2025}$	$\frac{217}{675}$	$\Phi_{2025}\ \Phi_{405}\ \Phi_{225}\ \Phi_{81}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_1$
111610	1567	2295	$\frac{37}{765}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{728}{2295}$	$\Phi_{2295}\ \Phi_{459}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_5\ \Phi_1$
111611	1567	2268	$\frac{55}{756}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{701}{2268}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{63}\ \Phi_{21}\ \Phi_7\ \Phi_1$
111612	1567	1701	$\frac{134}{1701}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{189}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{243}\ \Phi_{81}\ \Phi_{63}\ \Phi_{21}\ \Phi_7\ \Phi_1$
111613	1567	2175	$\frac{1}{29}$	$\frac{117}{725}$	$\frac{28}{145}$	$\frac{608}{2175}$	$\Phi_{2175}\ \Phi_{435}\ \Phi_{145}\ \Phi_{87}\ \Phi_{75}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1$
111614	1567	2160	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{127}{720}$	$\frac{593}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
111615	1567	1728	$\frac{1}{18}$	$\frac{161}{1728}$	$\frac{17}{72}$	$\frac{55}{216}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
111616	1567	2088	$\frac{1}{58}$	$\frac{57}{232}$	$\frac{521}{2088}$	$\frac{175}{696}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{522}\ \Phi_{261}\ \Phi_{232}\ \Phi_{116}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
111617	1567	2016	$\frac{1}{18}$	$\frac{55}{504}$	$\frac{449}{2016}$	$\frac{17}{72}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
111618	1567	2016	$\frac{55}{504}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{449}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{63}\ \Phi_{48}\ \Phi_{32}\ \Phi_{21}\ \Phi_{16}\ \Phi_7\ \Phi_1$
111619	1567	1764	$\frac{1}{9}$	$\frac{197}{1764}$	$\frac{8}{63}$	$\frac{55}{252}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{63}\ \Phi_{49}\ \Phi_{21}\ \Phi_7\ \Phi_1$
111620	1567	1890	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{378}$	$\frac{323}{1890}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{135}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
111621	1568	1173	$\frac{1}{391}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{195}{391}$	$\Phi_{1173}\ \Phi_{391}^2\ \Phi_{69}\ \Phi_{51}\ \Phi_{23}^2\ \Phi_{17}^2\ \Phi_3^2\ \Phi_1^4$
111622	1568	1567	$\frac{5}{1567}$	$\frac{393}{1567}$	$\frac{587}{1567}$	$\frac{781}{1567}$	$\Phi_{1567}\ \Phi_1^2$
111623	1568	2355	$\frac{3}{785}$	$\frac{197}{785}$	$\frac{1}{3}$	$\frac{391}{785}$	$\Phi_{2355}\ \Phi_{471}\ \Phi_{15}$
111624	1568	2676	$\frac{1}{223}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{111}{223}$	$\Phi_{2676}\ \Phi_{892}\ \Phi_{223}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
111625	1568	2007	$\frac{1}{223}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{111}{223}$	$\Phi_{2007}\ \Phi_{223}\ \Phi_9^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
111626	1568	1365	$\frac{1}{195}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{97}{195}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}\ \Phi_{195}^2\ \Phi_{105}\ \Phi_{91}\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
111627	1568	195	$\frac{1}{195}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{97}{195}$	$\Phi_{195}^8\ \Phi_{65}^8\ \Phi_{39}^8\ \Phi_{15}^9\ \Phi_{13}^8\ \Phi_5^8\ \Phi_3^8\ \Phi_1^8$
111628	1568	1567	$\frac{9}{1567}$	$\frac{197}{1567}$	$\frac{685}{1567}$	$\frac{779}{1567}$	$\Phi_{1567}\ \Phi_1^2$
111629	1568	471	$\frac{1}{157}$	$\frac{79}{471}$	$\frac{1}{3}$	$\frac{78}{157}$	$\Phi_{471}^3\ \Phi_{157}^4\ \Phi_3^2\ \Phi_1^4$
111630	1568	655	$\frac{1}{131}$	$\frac{1}{5}$	$\frac{33}{131}$	$\frac{65}{131}$	$\Phi_{655}^3\ \Phi_5^2$
111631	1568	1567	$\frac{13}{1567}$	$\frac{293}{1567}$	$\frac{395}{1567}$	$\frac{777}{1567}$	$\Phi_{1567}\ \Phi_1^2$
111632	1568	2355	$\frac{7}{785}$	$\frac{99}{785}$	$\frac{1}{3}$	$\frac{389}{785}$	$\Phi_{2355}\ \Phi_{471}\ \Phi_{15}$
111633	1568	1443	$\frac{1}{111}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{55}{111}$	$\Phi_{1443}\ \Phi_{481}\ \Phi_{111}^2\ \Phi_{39}\ \Phi_{37}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
111634	1568	888	$\frac{1}{111}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{55}{111}$	$\Phi_{888}^2\ \Phi_{444}^2\ \Phi_{296}^2\ \Phi_{222}^2\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
111635	1568	1567	$\frac{15}{1567}$	$\frac{113}{1567}$	$\frac{727}{1567}$	$\frac{776}{1567}$	$\Phi_{1567}\ \Phi_1^2$
111636	1568	1455	$\frac{1}{97}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{48}{97}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}\ \Phi_{97}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
111637	1568	873	$\frac{1}{97}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{48}{97}$	$\Phi_{873}^2\ \Phi_{291}\ \Phi_{97}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
111638	1568	485	$\frac{1}{97}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{48}{97}$	$\Phi_{485}^3\ \Phi_{97}^4\ \Phi_5^6\ \Phi_1^8$
111639	1568	1567	$\frac{17}{1567}$	$\frac{99}{1567}$	$\frac{734}{1567}$	$\frac{775}{1567}$	$\Phi_{1567}\ \Phi_1^2$
111640	1568	600	$\frac{1}{75}$	$\frac{1}{8}$	$\frac{19}{75}$	$\frac{37}{75}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^3\ \Phi_{60}^3\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
111641	1568	1773	$\frac{3}{197}$	$\frac{1}{9}$	$\frac{50}{197}$	$\frac{97}{197}$	$\Phi_{1773}\ \Phi_{591}$
111642	1568	1567	$\frac{25}{1567}$	$\frac{167}{1567}$	$\frac{398}{1567}$	$\frac{771}{1567}$	$\Phi_{1567}\ \Phi_1^2$
111643	1568	1567	$\frac{25}{1567}$	$\frac{199}{1567}$	$\frac{342}{1567}$	$\frac{771}{1567}$	$\Phi_{1567}\ \Phi_1^2$
111644	1568	2355	$\frac{13}{785}$	$\frac{57}{785}$	$\frac{1}{3}$	$\frac{386}{785}$	$\Phi_{2355}\ \Phi_{471}\ \Phi_{15}$
111645	1568	1965	$\frac{7}{393}$	$\frac{50}{393}$	$\frac{1}{5}$	$\frac{193}{393}$	$\Phi_{1965}\ \Phi_{655}\ \Phi_{15}$
111646	1568	1485	$\frac{1}{55}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{27}{55}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}\ \Phi_{99}\ \Phi_{55}^2\ \Phi_{45}\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
111647	1568	165	$\frac{1}{55}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{27}{55}$	$\Phi_{165}^9\ \Phi_{55}^{10}\ \Phi_{33}^9\ \Phi_{15}^{11}\ \Phi_{11}^{10}\ \Phi_5^{12}\ \Phi_3^{10}\ \Phi_1^{12}$
111648	1568	495	$\frac{1}{55}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{27}{55}$	$\Phi_{495}^3\ \Phi_{165}^3\ \Phi_{99}^3\ \Phi_{55}^4\ \Phi_{45}^3\ \Phi_{33}^3\ \Phi_{15}^3\ \Phi_{11}^4\ \Phi_9^6\ \Phi_5^4\ \Phi_3^6\ \Phi_1^8$
111649	1568	440	$\frac{1}{55}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{27}{55}$	$\Phi_{440}^4\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{88}^4\ \Phi_{44}^4\ \Phi_{40}^5\ \Phi_{22}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4$
111650	1568	1567	$\frac{29}{1567}$	$\frac{57}{1567}$	$\frac{755}{1567}$	$\frac{769}{1567}$	$\Phi_{1567}\ \Phi_1^2$
111651	1568	1567	$\frac{29}{1567}$	$\frac{146}{1567}$	$\frac{399}{1567}$	$\frac{769}{1567}$	$\Phi_{1567}\ \Phi_1^2$
111652	1568	471	$\frac{3}{157}$	$\frac{10}{157}$	$\frac{1}{3}$	$\frac{77}{157}$	$\Phi_{471}^5\ \Phi_3^4$
111653	1568	2976	$\frac{1}{48}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{47}{96}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{31}\ \Phi_1^2$
111654	1568	1632	$\frac{1}{48}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{1632}^2\ \Phi_{544}^2\ \Phi_{51}$
111655	1568	2976	$\frac{1}{48}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{47}{96}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{31}\ \Phi_1^2$
111656	1568	1440	$\frac{1}{48}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{47}{96}$	$\Phi_{1440}^3\ \Phi_{480}^2\ \Phi_{160}^2\ \Phi_{45}\ \Phi_{15}$
111657	1568	1080	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{23}{135}$	$\frac{22}{45}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}\ \Phi_{120}\ \Phi_{108}^2\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
111658	1568	1695	$\frac{3}{113}$	$\frac{1}{15}$	$\frac{29}{113}$	$\frac{55}{113}$	$\Phi_{1695}\ \Phi_{565}\ \Phi_{339}$
111659	1568	1567	$\frac{43}{1567}$	$\frac{115}{1567}$	$\frac{363}{1567}$	$\frac{762}{1567}$	$\Phi_{1567}\ \Phi_1^2$
111660	1568	1122	$\frac{1}{33}$	$\frac{1}{17}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{1122}^2\ \Phi_{561}\ \Phi_{374}^2\ \Phi_{187}\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{34}^2$
111661	1568	1800	$\frac{7}{225}$	$\frac{1}{8}$	$\frac{29}{225}$	$\frac{109}{225}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
111662	1568	1567	$\frac{49}{1567}$	$\frac{195}{1567}$	$\frac{202}{1567}$	$\frac{759}{1567}$	$\Phi_{1567}\ \Phi_{1}^{2}$
111663	1568	1581	$\frac{1}{31}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{1581}\ \Phi_{527}\ \Phi_{51}^{2}\ \Phi_{31}\ \Phi_{17}^{2}\ \Phi_{1}^{2}$
111664	1568	2232	$\frac{1}{31}$	$\frac{1}{24}$	$\frac{23}{72}$	$\frac{15}{31}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{558}\ \Phi_{279}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{31}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
111665	1568	1612	$\frac{1}{31}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{1612}\ \Phi_{806}\ \Phi_{403}\ \Phi_{52}^{2}\ \Phi_{31}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{1}^{2}$
111666	1568	1984	$\frac{1}{31}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{15}{31}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{31}\ \Phi_{1}^{2}$
111667	1568	1860	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{15}{31}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{465}\ \Phi_{310}\ \Phi_{155}\ \Phi_{60}^{2}\ \Phi_{31}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
111668	1568	1674	$\frac{1}{31}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{15}{31}$	$\Phi_{1674}\ \Phi_{837}\ \Phi_{558}\ \Phi_{279}\ \Phi_{54}^{2}\ \Phi_{31}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
111669	1568	248	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{15}{31}$	$\Phi_{248}^{6}\ \Phi_{124}^{6}\ \Phi_{62}^{6}\ \Phi_{31}^{7}\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
111670	1568	1965	$\frac{13}{393}$	$\frac{29}{393}$	$\frac{1}{5}$	$\frac{190}{393}$	$\Phi_{1965}\ \Phi_{655}\ \Phi_{15}$
111671	1568	1567	$\frac{53}{1567}$	$\frac{83}{1567}$	$\frac{405}{1567}$	$\frac{757}{1567}$	$\Phi_{1567}\ \Phi_{1}^{2}$
111672	1568	2355	$\frac{27}{785}$	$\frac{29}{785}$	$\frac{1}{3}$	$\frac{379}{785}$	$\Phi_{2355}\ \Phi_{471}\ \Phi_{15}$
111673	1568	783	$\frac{1}{29}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{783}^{2}\ \Phi_{261}^{2}\ \Phi_{87}^{3}\ \Phi_{29}^{2}$
111674	1568	1485	$\frac{1}{27}$	$\frac{3}{55}$	$\frac{13}{55}$	$\frac{13}{27}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}\ \Phi_{99}\ \Phi_{55}^{2}\ \Phi_{45}\ \Phi_{33}\ \Phi_{27}^{2}\ \Phi_{15}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
111675	1568	135	$\frac{1}{27}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{13}{27}$	$\Phi_{135}^{11}\ \Phi_{45}^{11}\ \Phi_{27}^{12}\ \Phi_{15}^{15}\ \Phi_{9}^{12}\ \Phi_{5}^{14}\ \Phi_{3}^{16}\ \Phi_{1}^{16}$
111676	1568	297	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{13}{27}$	$\Phi_{297}^{5}\ \Phi_{99}^{5}\ \Phi_{33}^{7}\ \Phi_{27}^{6}\ \Phi_{11}^{6}\ \Phi_{9}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
111677	1568	1485	$\frac{1}{27}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{13}{27}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}\ \Phi_{99}\ \Phi_{55}^{2}\ \Phi_{45}\ \Phi_{33}\ \Phi_{27}^{2}\ \Phi_{15}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
111678	1568	216	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{13}{27}$	$\Phi_{216}^{8}\ \Phi_{108}^{8}\ \Phi_{72}^{9}\ \Phi_{54}^{8}\ \Phi_{36}^{9}\ \Phi_{24}^{9}\ \Phi_{18}^{9}\ \Phi_{12}^{9}\ \Phi_{8}^{8}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}$
111679	1568	1000	$\frac{1}{25}$	$\frac{13}{125}$	$\frac{1}{8}$	$\frac{12}{25}$	$\Phi_{1000}^{2}\ \Phi_{500}^{2}\ \Phi_{250}^{2}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
111680	1568	551	$\frac{1}{29}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{551}^{3}\ \Phi_{29}^{2}$
111681	1568	1567	$\frac{59}{1567}$	$\frac{85}{1567}$	$\frac{377}{1567}$	$\frac{741}{1567}$	$\Phi_{1567}\ \Phi_{1}^{2}$
111682	1568	1567	$\frac{85}{1567}$	$\frac{118}{1567}$	$\frac{207}{1567}$	$\frac{741}{1567}$	$\Phi_{1567}\ \Phi_{1}^{2}$
111683	1568	1800	$\frac{13}{225}$	$\frac{17}{225}$	$\frac{1}{8}$	$\frac{106}{225}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
111684	1568	1567	$\frac{97}{1567}$	$\frac{104}{1567}$	$\frac{209}{1567}$	$\frac{735}{1567}$	$\Phi_{1567}\ \Phi_{1}^{2}$
111685	1568	1695	$\frac{7}{113}$	$\frac{1}{15}$	$\frac{15}{113}$	$\frac{53}{113}$	$\Phi_{1695}\ \Phi_{565}\ \Phi_{339}$
111686	1568	1567	$\frac{99}{1567}$	$\frac{119}{1567}$	$\frac{181}{1567}$	$\frac{734}{1567}$	$\Phi_{1567}\ \Phi_{1}^{2}$
111687	1568	1773	$\frac{13}{197}$	$\frac{15}{197}$	$\frac{1}{9}$	$\frac{92}{197}$	$\Phi_{1773}\ \Phi_{591}$
111688	1568	150	$\frac{1}{50}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{150}^{11}\ \Phi_{75}^{11}\ \Phi_{50}^{10}\ \Phi_{30}^{11}\ \Phi_{25}^{10}\ \Phi_{15}^{9}\ \Phi_{10}^{10}\ \Phi_{6}^{11}\ \Phi_{5}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{10}\ \Phi_{1}^{8}$
111689	1568	1455	$\frac{6}{97}$	$\frac{1}{15}$	$\frac{13}{97}$	$\frac{7}{15}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}\ \Phi_{97}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
111690	1568	120	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{15}$	$\Phi_{120}^{15}\ \Phi_{60}^{15}\ \Phi_{40}^{15}\ \Phi_{30}^{15}\ \Phi_{24}^{15}\ \Phi_{20}^{15}\ \Phi_{12}^{15}\ \Phi_{10}^{15}\ \Phi_{8}^{14}\ \Phi_{6}^{15}\ \Phi_{4}^{14}\ \Phi_{2}^{14}$
111691	1568	1567	$\frac{97}{1567}$	$\frac{105}{1567}$	$\frac{209}{1567}$	$\frac{731}{1567}$	$\Phi_{1567}\ \Phi_{1}^{2}$
111692	1568	655	$\frac{5}{131}$	$\frac{9}{131}$	$\frac{1}{5}$	$\frac{61}{131}$	$\Phi_{655}^{3}\ \Phi_{5}^{2}$
111693	1568	1567	$\frac{41}{1567}$	$\frac{109}{1567}$	$\frac{419}{1567}$	$\frac{729}{1567}$	$\Phi_{1567}\ \Phi_{1}^{2}$
111694	1568	471	$\frac{3}{157}$	$\frac{11}{157}$	$\frac{1}{3}$	$\frac{73}{157}$	$\Phi_{471}^{5}\ \Phi_{3}^{4}$
111695	1568	741	$\frac{1}{57}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{741}^{2}\ \Phi_{247}^{2}\ \Phi_{57}^{4}\ \Phi_{39}\ \Phi_{19}^{4}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
111696	1568	481	$\frac{1}{37}$	$\frac{1}{13}$	$\frac{9}{37}$	$\frac{6}{13}$	$\Phi_{481}^{3}\ \Phi_{37}^{6}\ \Phi_{13}^{4}\ \Phi_{1}^{8}$
111697	1568	1885	$\frac{1}{29}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{1885}\ \Phi_{145}^{2}$
111698	1568	481	$\frac{2}{37}$	$\frac{1}{13}$	$\frac{5}{37}$	$\frac{6}{13}$	$\Phi_{481}^{3}\ \Phi_{37}^{6}\ \Phi_{13}^{4}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
111699	1568	1768	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{6}{13}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{442}\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{34}^2$
111700	1568	1443	$\frac{7}{111}$	$\frac{1}{13}$	$\frac{13}{111}$	$\frac{6}{13}$	$\Phi_{1443}\ \Phi_{481}\ \Phi_{111}^2\ \Phi_{39}\ \Phi_{37}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
111701	1568	585	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{6}{13}$	$\Phi_{585}^3\ \Phi_{195}^2\ \Phi_{117}^2\ \Phi_{65}^2\ \Phi_{45}^6\ \Phi_{39}\ \Phi_{15}^4\ \Phi_{13}^2\ \Phi_9^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
111702	1568	990	$\frac{1}{33}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{990}^3\ \Phi_{330}^3\ \Phi_{198}^3\ \Phi_{165}\ \Phi_{110}^3\ \Phi_{90}^2\ \Phi_{66}^3\ \Phi_{55}\ \Phi_{30}^2\ \Phi_{22}^3\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
111703	1568	1530	$\frac{1}{17}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{90}$	$\Phi_{1530}^2\ \Phi_{510}^2\ \Phi_{306}^2\ \Phi_{170}^2\ \Phi_{153}\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{34}^2$
111704	1568	550	$\frac{1}{50}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{550}^3\ \Phi_{275}^3\ \Phi_{110}^3\ \Phi_{55}^3\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{22}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2$
111705	1568	935	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{5}{11}$	$\Phi_{935}^2\ \Phi_{187}\ \Phi_{85}^2$
111706	1568	660	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{660}^2\ \Phi_{330}^3\ \Phi_{220}^2\ \Phi_{165}^3\ \Phi_{132}^2\ \Phi_{110}^3\ \Phi_{66}^3\ \Phi_{60}\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^3\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
111707	1568	1653	$\frac{1}{57}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{1653}\ \Phi_{551}\ \Phi_{87}$
111708	1568	1567	$\frac{31}{1567}$	$\frac{169}{1567}$	$\frac{384}{1567}$	$\frac{699}{1567}$	$\Phi_{1567}\ \Phi_1^2$
111709	1568	1567	$\frac{62}{1567}$	$\frac{169}{1567}$	$\frac{215}{1567}$	$\frac{699}{1567}$	$\Phi_{1567}\ \Phi_1^2$
111710	1568	936	$\frac{5}{117}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}\ \Phi_{52}^2\ \Phi_{36}\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
111711	1568	918	$\frac{1}{17}$	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{306}^2\ \Phi_{153}\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{34}^2$
111712	1568	1496	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{88}$	$\Phi_{1496}^2\ \Phi_{187}\ \Phi_{136}^2$
111713	1568	1695	$\frac{1}{15}$	$\frac{9}{113}$	$\frac{13}{113}$	$\frac{50}{113}$	$\Phi_{1695}\ \Phi_{565}\ \Phi_{339}$
111714	1568	1567	$\frac{103}{1567}$	$\frac{125}{1567}$	$\frac{183}{1567}$	$\frac{692}{1567}$	$\Phi_{1567}\ \Phi_1^2$
111715	1568	200	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{1}{8}$	$\frac{11}{25}$	$\Phi_{200}^9\ \Phi_{100}^9\ \Phi_{50}^9\ \Phi_{40}^9\ \Phi_{20}^9\ \Phi_{10}^9\ \Phi_8^8\ \Phi_4^8\ \Phi_2^8$
111716	1568	1653	$\frac{1}{29}$	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{25}{57}$	$\Phi_{1653}\ \Phi_{551}\ \Phi_{87}$
111717	1568	1567	$\frac{23}{1567}$	$\frac{193}{1567}$	$\frac{440}{1567}$	$\frac{687}{1567}$	$\Phi_{1567}\ \Phi_1^2$
111718	1568	1567	$\frac{55}{1567}$	$\frac{193}{1567}$	$\frac{216}{1567}$	$\frac{687}{1567}$	$\Phi_{1567}\ \Phi_1^2$
111719	1568	2355	$\frac{9}{785}$	$\frac{97}{785}$	$\frac{1}{3}$	$\frac{344}{785}$	$\Phi_{2355}\ \Phi_{471}\ \Phi_{15}$
111720	1568	1567	$\frac{63}{1567}$	$\frac{188}{1567}$	$\frac{197}{1567}$	$\frac{685}{1567}$	$\Phi_{1567}\ \Phi_1^2$
111721	1568	1683	$\frac{1}{17}$	$\frac{8}{99}$	$\frac{13}{99}$	$\frac{43}{99}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}\ \Phi_{51}$
111722	1568	1695	$\frac{1}{15}$	$\frac{8}{113}$	$\frac{15}{113}$	$\frac{49}{113}$	$\Phi_{1695}\ \Phi_{565}\ \Phi_{339}$
111723	1568	1567	$\frac{104}{1567}$	$\frac{111}{1567}$	$\frac{209}{1567}$	$\frac{679}{1567}$	$\Phi_{1567}\ \Phi_1^2$
111724	1568	1567	$\frac{90}{1567}$	$\frac{127}{1567}$	$\frac{211}{1567}$	$\frac{678}{1567}$	$\Phi_{1567}\ \Phi_1^2$
111725	1568	1773	$\frac{8}{197}$	$\frac{1}{9}$	$\frac{27}{197}$	$\frac{85}{197}$	$\Phi_{1773}\ \Phi_{591}$
111726	1568	1800	$\frac{8}{225}$	$\frac{1}{8}$	$\frac{31}{225}$	$\frac{97}{225}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
111727	1568	1567	$\frac{48}{1567}$	$\frac{217}{1567}$	$\frac{223}{1567}$	$\frac{675}{1567}$	$\Phi_{1567}\ \Phi_1^2$
111728	1568	1965	$\frac{8}{393}$	$\frac{55}{393}$	$\frac{1}{5}$	$\frac{169}{393}$	$\Phi_{1965}\ \Phi_{655}\ \Phi_{15}$
111729	1568	1567	$\frac{20}{1567}$	$\frac{221}{1567}$	$\frac{447}{1567}$	$\frac{673}{1567}$	$\Phi_{1567}\ \Phi_1^2$
111730	1568	2355	$\frac{8}{785}$	$\frac{111}{785}$	$\frac{1}{3}$	$\frac{337}{785}$	$\Phi_{2355}\ \Phi_{471}\ \Phi_{15}$
111731	1568	693	$\frac{1}{99}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}^4\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{33}^4\ \Phi_{21}\ \Phi_{11}^4\ \Phi_9^4\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
111732	1568	455	$\frac{1}{65}$	$\frac{1}{7}$	$\frac{16}{65}$	$\frac{3}{7}$	$\Phi_{455}^3\ \Phi_{91}^3\ \Phi_{65}^6\ \Phi_{35}^3\ \Phi_{13}^6\ \Phi_7^4\ \Phi_5^6\ \Phi_1^8$
111733	1568	350	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{350}^4\ \Phi_{175}^4\ \Phi_{70}^4\ \Phi_{50}^8\ \Phi_{35}^3\ \Phi_{25}^8\ \Phi_{14}^4\ \Phi_{10}^8\ \Phi_7^4\ \Phi_5^6\ \Phi_2^8\ \Phi_1^8$
111734	1568	819	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{19}{117}$	$\frac{3}{7}$	$\Phi_{819}^2\ \Phi_{273}\ \Phi_{117}^4\ \Phi_{91}\ \Phi_{63}^2\ \Phi_{39}^2\ \Phi_{21}\ \Phi_{13}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
111735	1568	455	$\frac{2}{65}$	$\frac{9}{65}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{455}^3\ \Phi_{91}^3\ \Phi_{65}^6\ \Phi_{35}^3\ \Phi_{13}^6\ \Phi_7^4\ \Phi_5^6\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
111736	1568	1624	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1624}\ \Phi_{812}\ \Phi_{406}\ \Phi_{232}^2\ \Phi_{116}^2\ \Phi_{58}^2$
111737	1568	364	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{364}^4\ \Phi_{182}^4\ \Phi_{91}^3\ \Phi_{52}^8\ \Phi_{28}^4\ \Phi_{26}^8\ \Phi_{14}^4\ \Phi_{13}^6\ \Phi_7^4\ \Phi_4^8\ \Phi_2^8\ \Phi_1^8$
111738	1568	105	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{105}^{13}\ \Phi_{35}^{13}\ \Phi_{21}^{13}\ \Phi_{15}^{26}\ \Phi_7^{14}\ \Phi_5^{26}\ \Phi_3^{26}\ \Phi_1^{28}$
111739	1568	1356	$\frac{1}{113}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{1356}^2\ \Phi_{452}^2\ \Phi_{339}$
111740	1568	2676	$\frac{3}{223}$	$\frac{1}{6}$	$\frac{55}{223}$	$\frac{5}{12}$	$\Phi_{2676}\ \Phi_{892}\ \Phi_{223}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
111741	1568	1140	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1140}^3\ \Phi_{380}^3\ \Phi_{285}\ \Phi_{95}\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}$
111742	1568	2676	$\frac{6}{223}$	$\frac{31}{223}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2676}\ \Phi_{892}\ \Phi_{223}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
111743	1568	264	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{264}^7\ \Phi_{132}^4\ \Phi_{88}^7\ \Phi_{66}^7\ \Phi_{44}^4\ \Phi_{33}^6\ \Phi_{24}^5\ \Phi_{22}^7\ \Phi_{12}^3\ \Phi_{11}^6\ \Phi_8^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
111744	1568	2676	$\frac{7}{223}$	$\frac{27}{223}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2676}\ \Phi_{892}\ \Phi_{223}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
111745	1568	1044	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1044}^3\ \Phi_{348}^2\ \Phi_{261}\ \Phi_{116}^2\ \Phi_{87}$
111746	1568	2676	$\frac{13}{223}$	$\frac{15}{223}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2676}\ \Phi_{892}\ \Phi_{223}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
111747	1568	1020	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1020}^3\ \Phi_{340}^3\ \Phi_{255}\ \Phi_{204}^2\ \Phi_{85}\ \Phi_{68}^2\ \Phi_{51}$
111748	1568	1683	$\frac{1}{99}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}\ \Phi_{51}$
111749	1568	1567	$\frac{19}{1567}$	$\frac{295}{1567}$	$\frac{387}{1567}$	$\frac{636}{1567}$	$\Phi_{1567}\ \Phi_1^2$
111750	1568	1185	$\frac{3}{395}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1185}^2\ \Phi_{237}^2\ \Phi_{15}$
111751	1568	1130	$\frac{1}{113}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{1130}^2\ \Phi_{565}\ \Phi_{226}^2$
111752	1568	920	$\frac{3}{115}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{920}^2\ \Phi_{460}^2\ \Phi_{230}^2\ \Phi_{184}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
111753	1568	1650	$\frac{1}{50}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{330}\ \Phi_{275}\ \Phi_{165}\ \Phi_{150}\ \Phi_{110}\ \Phi_{75}\ \Phi_{66}\ \Phi_{55}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_6$
111754	1568	1567	$\frac{34}{1567}$	$\frac{219}{1567}$	$\frac{337}{1567}$	$\frac{615}{1567}$	$\Phi_{1567}\ \Phi_1^2$
111755	1568	2640	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{330}\ \Phi_{240}\ \Phi_{176}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{48}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_6$
111756	1568	1653	$\frac{1}{29}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{1653}\ \Phi_{551}\ \Phi_{87}$
111757	1568	1567	$\frac{69}{1567}$	$\frac{107}{1567}$	$\frac{365}{1567}$	$\frac{601}{1567}$	$\Phi_{1567}\ \Phi_1^2$
111758	1568	1695	$\frac{5}{113}$	$\frac{1}{15}$	$\frac{27}{113}$	$\frac{43}{113}$	$\Phi_{1695}\ \Phi_{565}\ \Phi_{339}$
111759	1568	1567	$\frac{51}{1567}$	$\frac{139}{1567}$	$\frac{379}{1567}$	$\frac{594}{1567}$	$\Phi_{1567}\ \Phi_1^2$
111760	1568	360	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{11}{45}$	$\frac{17}{45}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^5\ \Phi_{72}^5\ \Phi_{60}^5\ \Phi_{40}^5\ \Phi_{36}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^5\ \Phi_4^4\ \Phi_2^4$
111761	1568	1567	$\frac{27}{1567}$	$\frac{244}{1567}$	$\frac{385}{1567}$	$\frac{591}{1567}$	$\Phi_{1567}\ \Phi_1^2$
111762	1568	1965	$\frac{5}{393}$	$\frac{1}{5}$	$\frac{97}{393}$	$\frac{148}{393}$	$\Phi_{1965}\ \Phi_{655}\ \Phi_{15}$
111763	1568	1567	$\frac{11}{1567}$	$\frac{389}{1567}$	$\frac{489}{1567}$	$\frac{589}{1567}$	$\Phi_{1567}\ \Phi_1^2$
111764	1568	471	$\frac{1}{157}$	$\frac{39}{157}$	$\frac{1}{3}$	$\frac{59}{157}$	$\Phi_{471}^5\ \Phi_3^4$
111765	1568	591	$\frac{1}{197}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{591}^3\ \Phi_{197}^2$
111766	1568	1173	$\frac{3}{391}$	$\frac{97}{391}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1173}\ \Phi_{391}^2\ \Phi_{69}\ \Phi_{51}\ \Phi_{23}^2\ \Phi_{17}^2\ \Phi_3^2\ \Phi_1^4$
111767	1568	1017	$\frac{1}{113}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1017}^2\ \Phi_{339}$
111768	1568	495	$\frac{1}{99}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{55}^4\ \Phi_{45}^4\ \Phi_{15}^3\ \Phi_5^2$
111769	1568	1173	$\frac{6}{391}$	$\frac{55}{391}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1173}\ \Phi_{391}^2\ \Phi_{69}\ \Phi_{51}\ \Phi_{23}^2\ \Phi_{17}^2\ \Phi_3^2\ \Phi_1^4$
111770	1568	456	$\frac{1}{57}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{456}^4\ \Phi_{228}^4\ \Phi_{152}^4\ \Phi_{114}^4\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
111771	1568	1173	$\frac{7}{391}$	$\frac{48}{391}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1173}\ \Phi_{391}^2\ \Phi_{69}\ \Phi_{51}\ \Phi_{23}^2\ \Phi_{17}^2\ \Phi_3^2\ \Phi_1^4$
111772	1568	450	$\frac{1}{50}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^3\ \Phi_{90}^4\ \Phi_{75}^3\ \Phi_{50}^2\ \Phi_{45}^4\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
111773	1568	1173	$\frac{13}{391}$	$\frac{27}{391}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1173}\ \Phi_{391}^2\ \Phi_{69}\ \Phi_{51}\ \Phi_{23}^2\ \Phi_{17}^2\ \Phi_3^2\ \Phi_1^4$
111774	1568	435	$\frac{1}{29}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{435}^4\ \Phi_{145}^4\ \Phi_{87}^3\ \Phi_{29}^2$
111775	1568	51	$\frac{2}{51}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{51}^{31}\ \Phi_{17}^{30}\ \Phi_3^{32}\ \Phi_1^{32}$
111776	1568	207	$\frac{1}{23}$	$\frac{11}{207}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{207}^8\ \Phi_{69}^7\ \Phi_{23}^6\ \Phi_9^8\ \Phi_3^8\ \Phi_1^8$
111777	1568	585	$\frac{2}{195}$	$\frac{1}{5}$	$\frac{193}{585}$	$\frac{1}{3}$	$\Phi_{585}^4\ \Phi_{117}^4\ \Phi_{45}^4\ \Phi_{15}\ \Phi_9^4$
111778	1568	2664	$\frac{2}{111}$	$\frac{1}{8}$	$\frac{109}{333}$	$\frac{1}{3}$	$\Phi_{2664}\ \Phi_{1332}\ \Phi_{666}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
111779	1568	1224	$\frac{1}{24}$	$\frac{1}{17}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{1224}^2\ \Phi_{612}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{51}$
111780	1568	2349	$\frac{1}{29}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{2349}\ \Phi_{87}$
111781	1568	450	$\frac{1}{50}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{450}^5\ \Phi_{225}^5\ \Phi_{150}\ \Phi_{90}^5\ \Phi_{75}\ \Phi_{45}^4\ \Phi_{30}\ \Phi_{18}^5\ \Phi_{15}\ \Phi_9^4\ \Phi_6$
111782	1568	795	$\frac{11}{795}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{795}^2\ \Phi_{265}^2\ \Phi_{159}^2\ \Phi_{53}^2\ \Phi_{15}$
111783	1568	2652	$\frac{3}{52}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{663}\ \Phi_{51}$
111784	1568	2007	$\frac{3}{223}$	$\frac{2}{9}$	$\frac{55}{223}$	$\frac{1}{3}$	$\Phi_{2007}\ \Phi_{223}\ \Phi_9^2\ \Phi_1^2$
111785	1568	195	$\frac{1}{65}$	$\frac{1}{5}$	$\frac{16}{65}$	$\frac{1}{3}$	$\Phi_{195}^{12}\ \Phi_{39}^{12}\ \Phi_{15}^{13}\ \Phi_3^{12}$
111786	1568	2355	$\frac{13}{785}$	$\frac{148}{785}$	$\frac{193}{785}$	$\frac{1}{3}$	$\Phi_{2355}\ \Phi_{471}\ \Phi_{15}$
111787	1568	888	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{9}{37}$	$\frac{1}{3}$	$\Phi_{888}^3\ \Phi_{444}^3\ \Phi_{222}^3\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_6^4$
111788	1568	471	$\frac{5}{157}$	$\frac{17}{157}$	$\frac{38}{157}$	$\frac{1}{3}$	$\Phi_{471}^5\ \Phi_3^4$
111789	1568	165	$\frac{3}{55}$	$\frac{1}{15}$	$\frac{13}{55}$	$\frac{1}{3}$	$\Phi_{165}^9\ \Phi_{55}^{10}\ \Phi_{33}^9\ \Phi_{15}^{11}\ \Phi_{11}^{10}\ \Phi_5^{12}\ \Phi_3^{10}\ \Phi_1^{12}$
111790	1568	3264	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{3264}\ \Phi_{1632}\ \Phi_{51}$
111791	1568	2355	$\frac{43}{785}$	$\frac{53}{785}$	$\frac{183}{785}$	$\frac{1}{3}$	$\Phi_{2355}\ \Phi_{471}\ \Phi_{15}$
111792	1568	1581	$\frac{2}{51}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{1581}\ \Phi_{527}\ \Phi_{51}^2\ \Phi_{31}\ \Phi_{17}^2\ \Phi_1^2$
111793	1568	855	$\frac{1}{57}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{855}^3\ \Phi_{285}\ \Phi_{95}\ \Phi_{45}^2\ \Phi_{15}$
111794	1568	2007	$\frac{6}{223}$	$\frac{31}{223}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2007}\ \Phi_{223}\ \Phi_9^2\ \Phi_1^2$
111795	1568	792	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{792}^3\ \Phi_{396}^3\ \Phi_{264}\ \Phi_{198}^3\ \Phi_{132}\ \Phi_{88}\ \Phi_{72}^2\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
111796	1568	2007	$\frac{7}{223}$	$\frac{27}{223}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2007}\ \Phi_{223}\ \Phi_9^2\ \Phi_1^2$
111797	1568	261	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{261}^6\ \Phi_{87}^7\ \Phi_{29}^6$
111798	1568	2007	$\frac{13}{223}$	$\frac{15}{223}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2007}\ \Phi_{223}\ \Phi_9^2\ \Phi_1^2$
111799	1568	765	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{765}^3\ \Phi_{255}\ \Phi_{153}^2\ \Phi_{85}\ \Phi_{51}$
111800	1568	2355	$\frac{22}{785}$	$\frac{109}{785}$	$\frac{169}{785}$	$\frac{1}{3}$	$\Phi_{2355}\ \Phi_{471}\ \Phi_{15}$
111801	1568	150	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{150}^{16}\ \Phi_{75}^{16}\ \Phi_{30}^{16}\ \Phi_{15}^{13}\ \Phi_6^{16}\ \Phi_3^{12}$
111802	1568	975	$\frac{4}{195}$	$\frac{191}{975}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{15}$
111803	1568	585	$\frac{1}{39}$	$\frac{19}{117}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{585}^4\ \Phi_{195}^2\ \Phi_{65}^2\ \Phi_{45}^4\ \Phi_{15}^3\ \Phi_5^2$
111804	1568	195	$\frac{2}{65}$	$\frac{9}{65}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{195}^{12}\ \Phi_{39}^{12}\ \Phi_{15}^{13}\ \Phi_3^{12}$
111805	1568	405	$\frac{13}{405}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^4\ \Phi_{45}^4\ \Phi_{27}^4\ \Phi_{15}\ \Phi_9^4$
111806	1568	3480	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3480}\ \Phi_{1740}\ \Phi_{870}$
111807	1568	765	$\frac{2}{51}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{765}^3\ \Phi_{255}^2\ \Phi_{85}^2\ \Phi_{45}\ \Phi_{15}$
111808	1568	2145	$\frac{2}{39}$	$\frac{37}{429}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{165}\ \Phi_{55}\ \Phi_{15}$
111809	1568	780	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{780}^4\ \Phi_{390}^4\ \Phi_{195}^3\ \Phi_{60}^4\ \Phi_{30}^4\ \Phi_{15}^4$
111810	1568	2535	$\frac{4}{65}$	$\frac{61}{845}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2535}\ \Phi_{507}\ \Phi_{15}$
111811	1568	15	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{15}^{105}\ \Phi_5^{104}\ \Phi_3^{104}\ \Phi_1^{104}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
111812	1568	1020	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{51}$
111813	1568	918	$\frac{1}{17}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{51}$
111814	1568	165	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{3}$	$\Phi_{165}^{10}\ \Phi_{55}^{10}\ \Phi_{33}^{7}\ \Phi_{15}^{12}\ \Phi_{11}^{6}\ \Phi_{5}^{12}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
111815	1568	888	$\frac{2}{37}$	$\frac{1}{8}$	$\frac{5}{37}$	$\frac{1}{3}$	$\Phi_{888}^3\ \Phi_{444}^3\ \Phi_{222}^3\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_{6}^4$
111816	1568	2355	$\frac{43}{785}$	$\frac{97}{785}$	$\frac{106}{785}$	$\frac{1}{3}$	$\Phi_{2355}\ \Phi_{471}\ \Phi_{15}$
111817	1568	873	$\frac{6}{97}$	$\frac{1}{9}$	$\frac{13}{97}$	$\frac{1}{3}$	$\Phi_{873}^2\ \Phi_{291}\ \Phi_{97}^2\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^4$
111818	1568	471	$\frac{10}{157}$	$\frac{17}{157}$	$\frac{21}{157}$	$\frac{1}{3}$	$\Phi_{471}^5\ \Phi_{3}^4$
111819	1568	165	$\frac{1}{15}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{3}$	$\Phi_{165}^{9}\ \Phi_{55}^{10}\ \Phi_{33}^{9}\ \Phi_{15}^{11}\ \Phi_{11}^{10}\ \Phi_{5}^{12}\ \Phi_{3}^{10}\ \Phi_{1}^{12}$
111820	1568	2355	$\frac{49}{785}$	$\frac{92}{785}$	$\frac{99}{785}$	$\frac{1}{3}$	$\Phi_{2355}\ \Phi_{471}\ \Phi_{15}$
111821	1568	408	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{408}^6\ \Phi_{204}^6\ \Phi_{102}^6\ \Phi_{51}^7$
111822	1568	888	$\frac{7}{111}$	$\frac{13}{111}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{888}^2\ \Phi_{444}^2\ \Phi_{296}^2\ \Phi_{222}^2\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
111823	1568	360	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^4\ \Phi_{90}^6\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
111824	1568	1320	$\frac{2}{55}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{53}{165}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{330}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{120}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{6}^2$
111825	1568	2232	$\frac{1}{24}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{23}{72}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{558}\ \Phi_{279}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{31}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{1}^2$
111826	1568	360	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{23}{72}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^6\ \Phi_{90}^5\ \Phi_{60}^6\ \Phi_{45}^6\ \Phi_{40}^6\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_{5}^6$
111827	1568	648	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{25}{81}$	$\Phi_{648}^4\ \Phi_{324}^4\ \Phi_{162}^4\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
111828	1568	1944	$\frac{19}{243}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{27}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{162}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
111829	1568	360	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{13}{45}$	$\Phi_{360}^7\ \Phi_{180}^7\ \Phi_{120}\ \Phi_{90}^7\ \Phi_{72}^7\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}^7\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}^7\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
111830	1568	2295	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{135}$	$\Phi_{2295}\ \Phi_{459}\ \Phi_{153}\ \Phi_{51}$
111831	1568	660	$\frac{1}{33}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}\ \Phi_{132}^3\ \Phi_{110}^3\ \Phi_{66}^3\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{44}^3\ \Phi_{30}^2\ \Phi_{22}^3\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{2}^2$
111832	1568	551	$\frac{1}{29}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{551}^3\ \Phi_{29}^2$
111833	1568	1122	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{1122}^2\ \Phi_{561}^2\ \Phi_{187}\ \Phi_{102}^2\ \Phi_{51}^2$
111834	1568	600	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{6}{25}$	$\frac{19}{75}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{200}\ \Phi_{150}^4\ \Phi_{120}^4\ \Phi_{100}\ \Phi_{60}^4\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{12}^4\ \Phi_{10}\ \Phi_{6}^4$
111835	1568	1612	$\frac{3}{52}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{4}$	$\Phi_{1612}\ \Phi_{806}\ \Phi_{403}\ \Phi_{52}^2\ \Phi_{31}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{1}^2$
111836	1568	2340	$\frac{3}{52}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{390}\ \Phi_{195}\ \Phi_{45}\ \Phi_{15}$
111837	1568	495	$\frac{3}{55}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{13}{55}$	$\Phi_{495}^3\ \Phi_{165}^3\ \Phi_{99}^3\ \Phi_{55}^4\ \Phi_{45}^3\ \Phi_{33}^3\ \Phi_{15}^3\ \Phi_{11}^4\ \Phi_{9}^6\ \Phi_{5}^4\ \Phi_{3}^6\ \Phi_{1}^8$
111838	1568	440	$\frac{3}{55}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{13}{55}$	$\Phi_{440}^4\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{88}^4\ \Phi_{44}^4\ \Phi_{40}^5\ \Phi_{22}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{2}^4$
111839	1568	1567	$\frac{87}{1567}$	$\frac{171}{1567}$	$\frac{349}{1567}$	$\frac{370}{1567}$	$\Phi_{1567}\ \Phi_{1}^2$
111840	1568	1800	$\frac{13}{225}$	$\frac{1}{8}$	$\frac{43}{225}$	$\frac{53}{225}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
111841	1568	1984	$\frac{1}{16}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{15}{64}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{31}\ \Phi_{1}^2$
111842	1568	2880	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{15}{64}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{960}\ \Phi_{480}\ \Phi_{45}\ \Phi_{15}$
111843	1568	1567	$\frac{99}{1567}$	$\frac{181}{1567}$	$\frac{300}{1567}$	$\frac{367}{1567}$	$\Phi_{1567}\ \Phi_{1}^2$
111844	1568	1965	$\frac{25}{393}$	$\frac{43}{393}$	$\frac{1}{5}$	$\frac{92}{393}$	$\Phi_{1965}\ \Phi_{655}\ \Phi_{15}$
111845	1568	1860	$\frac{1}{12}$	$\frac{3}{31}$	$\frac{11}{60}$	$\frac{7}{31}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{465}\ \Phi_{310}\ \Phi_{155}\ \Phi_{60}^2\ \Phi_{31}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{1}^2$
111846	1568	1674	$\frac{5}{54}$	$\frac{3}{31}$	$\frac{1}{6}$	$\frac{7}{31}$	$\Phi_{1674}\ \Phi_{837}\ \Phi_{558}\ \Phi_{279}\ \Phi_{54}^2\ \Phi_{31}\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
111847	1568	248	$\frac{3}{31}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{31}$	$\Phi_{248}^{6}\ \Phi_{124}^{6}\ \Phi_{62}^{6}\ \Phi_{31}^{7}\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
111848	1568	1567	$\frac{171}{1567}$	$\frac{174}{1567}$	$\frac{199}{1567}$	$\frac{349}{1567}$	$\Phi_{1567}\ \Phi_{1}^{2}$
111849	1568	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{45}^{33}\ \Phi_{15}^{37}\ \Phi_{9}^{36}\ \Phi_{5}^{36}\ \Phi_{3}^{40}\ \Phi_{1}^{40}$
111850	1568	99	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{33}$	$\frac{2}{9}$	$\Phi_{99}^{15}\ \Phi_{33}^{17}\ \Phi_{11}^{16}\ \Phi_{9}^{18}\ \Phi_{3}^{20}\ \Phi_{1}^{20}$
111851	1568	495	$\frac{6}{55}$	$\frac{1}{9}$	$\frac{7}{55}$	$\frac{2}{9}$	$\Phi_{495}^{3}\ \Phi_{165}^{3}\ \Phi_{99}^{3}\ \Phi_{55}^{4}\ \Phi_{45}^{3}\ \Phi_{33}^{3}\ \Phi_{15}^{3}\ \Phi_{11}^{4}\ \Phi_{9}^{6}\ \Phi_{5}^{4}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
111852	1568	72	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{2}{9}$	$\Phi_{72}^{25}\ \Phi_{36}^{25}\ \Phi_{24}^{25}\ \Phi_{18}^{25}\ \Phi_{12}^{25}\ \Phi_{8}^{24}\ \Phi_{6}^{25}\ \Phi_{4}^{24}\ \Phi_{2}^{24}$
111853	1568	1695	$\frac{1}{15}$	$\frac{13}{113}$	$\frac{22}{113}$	$\frac{25}{113}$	$\Phi_{1695}\ \Phi_{565}\ \Phi_{339}$
111854	1568	1567	$\frac{153}{1567}$	$\frac{195}{1567}$	$\frac{202}{1567}$	$\frac{343}{1567}$	$\Phi_{1567}\ \Phi_{1}^{2}$
111855	1568	1773	$\frac{1}{9}$	$\frac{22}{197}$	$\frac{25}{197}$	$\frac{43}{197}$	$\Phi_{1773}\ \Phi_{591}$
111856	1568	1567	$\frac{174}{1567}$	$\frac{175}{1567}$	$\frac{199}{1567}$	$\frac{342}{1567}$	$\Phi_{1567}\ \Phi_{1}^{2}$
111857	1568	1800	$\frac{22}{225}$	$\frac{1}{8}$	$\frac{29}{225}$	$\frac{49}{225}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
111858	1568	1567	$\frac{90}{1567}$	$\frac{211}{1567}$	$\frac{307}{1567}$	$\frac{339}{1567}$	$\Phi_{1567}\ \Phi_{1}^{2}$
111859	1568	1965	$\frac{22}{393}$	$\frac{53}{393}$	$\frac{1}{5}$	$\frac{85}{393}$	$\Phi_{1965}\ \Phi_{655}\ \Phi_{15}$
111860	1568	485	$\frac{6}{97}$	$\frac{13}{97}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{485}^{3}\ \Phi_{97}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
111861	1568	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{120}^{16}\ \Phi_{60}^{16}\ \Phi_{40}^{13}\ \Phi_{30}^{16}\ \Phi_{24}^{16}\ \Phi_{20}^{13}\ \Phi_{12}^{16}\ \Phi_{10}^{13}\ \Phi_{8}^{12}\ \Phi_{6}^{16}\ \Phi_{4}^{12}\ \Phi_{2}^{12}$
111862	1568	2200	$\frac{4}{55}$	$\frac{1}{8}$	$\frac{51}{275}$	$\frac{1}{5}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
111863	1568	180	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{60}$	$\frac{1}{5}$	$\Phi_{180}^{9}\ \Phi_{90}^{9}\ \Phi_{60}^{6}\ \Phi_{45}^{10}\ \Phi_{36}^{12}\ \Phi_{30}^{6}\ \Phi_{20}^{6}\ \Phi_{18}^{12}\ \Phi_{15}^{7}\ \Phi_{12}^{8}\ \Phi_{10}^{6}\ \Phi_{9}^{12}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
111864	1568	270	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{270}^{8}\ \Phi_{135}^{8}\ \Phi_{90}^{5}\ \Phi_{45}^{6}\ \Phi_{30}^{6}\ \Phi_{15}^{7}\ \Phi_{10}^{6}\ \Phi_{5}^{6}$
111865	1568	1320	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{33}$	$\frac{1}{5}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{440}\ \Phi_{330}^{2}\ \Phi_{220}\ \Phi_{120}^{2}\ \Phi_{110}\ \Phi_{60}^{2}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
111866	1568	440	$\frac{6}{55}$	$\frac{1}{8}$	$\frac{7}{55}$	$\frac{1}{5}$	$\Phi_{440}^{4}\ \Phi_{220}^{4}\ \Phi_{110}^{4}\ \Phi_{88}^{4}\ \Phi_{44}^{4}\ \Phi_{40}^{5}\ \Phi_{22}^{4}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
111867	1568	1965	$\frac{43}{393}$	$\frac{49}{393}$	$\frac{50}{393}$	$\frac{1}{5}$	$\Phi_{1965}\ \Phi_{655}\ \Phi_{15}$
111868	1568	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{5}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{6}\ \Phi_{90}^{6}\ \Phi_{60}^{6}\ \Phi_{45}^{7}\ \Phi_{30}^{6}\ \Phi_{15}^{7}$
111869	1568	1080	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{27}$	$\frac{23}{135}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{270}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{72}\ \Phi_{60}^{2}\ \Phi_{40}^{2}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{6}$
111870	1569	896	$\frac{1}{224}$	$\frac{75}{448}$	$\frac{373}{896}$	$\frac{223}{448}$	$\Phi_{896}^{3}\ \Phi_{448}\ \Phi_{128}^{3}\ \Phi_{64}\ \Phi_{1}$
111871	1569	2096	$\frac{3}{524}$	$\frac{1}{4}$	$\frac{527}{2096}$	$\frac{521}{1048}$	$\Phi_{2096}\ \Phi_{524}\ \Phi_{262}\ \Phi_{131}\ \Phi_{16}\ \Phi_{1}$
111872	1569	1040	$\frac{3}{520}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{517}{1040}$	$\Phi_{1040}^{3}\ \Phi_{208}^{3}\ \Phi_{80}^{3}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
111873	1569	1036	$\frac{5}{518}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{513}{1036}$	$\Phi_{1036}^{3}\ \Phi_{148}^{3}\ \Phi_{28}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
111874	1569	700	$\frac{2}{175}$	$\frac{1}{7}$	$\frac{177}{700}$	$\frac{173}{350}$	$\Phi_{700}^{3}\ \Phi_{175}^{3}\ \Phi_{140}^{3}\ \Phi_{100}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{3}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
111875	1569	3080	$\frac{29}{1540}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1511}{3080}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{88}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
111876	1569	630	$\frac{2}{105}$	$\frac{1}{7}$	$\frac{107}{630}$	$\frac{103}{210}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{126}^{3}\ \Phi_{105}^{3}\ \Phi_{90}^{3}\ \Phi_{63}^{3}\ \Phi_{45}^{3}\ \Phi_{35}^{3}\ \Phi_{21}^{3}\ \Phi_{18}^{3}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
111877	1569	1024	$\frac{11}{512}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{501}{1024}$	$\Phi_{1024}^{3}\ \Phi_{64}\ \Phi_{1}$
111878	1569	1024	$\frac{11}{512}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{501}{1024}$	$\Phi_{1024}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
111879	1569	704	$\frac{5}{176}$	$\frac{1}{16}$	$\frac{181}{704}$	$\frac{171}{352}$	$\Phi_{704}^{3}\ \Phi_{176}^{3}\ \Phi_{88}^{3}\ \Phi_{64}^{3}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{16}^{2}\ \Phi_{11}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
111880	1569	768	$\frac{1}{32}$	$\frac{11}{256}$	$\frac{245}{768}$	$\frac{31}{64}$	$\Phi_{768}^{3}\ \Phi_{384}^{3}\ \Phi_{192}^{3}\ \Phi_{96}^{3}\ \Phi_{64}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}$
111881	1569	1664	$\frac{1}{32}$	$\frac{95}{1664}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
111882	1569	2048	$\frac{1}{32}$	$\frac{33}{512}$	$\frac{479}{2048}$	$\frac{31}{64}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{64}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
111883	1569	640	$\frac{1}{32}$	$\frac{11}{128}$	$\frac{117}{640}$	$\frac{31}{64}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{64}\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1$
111884	1569	576	$\frac{1}{32}$	$\frac{53}{576}$	$\frac{11}{64}$	$\frac{31}{64}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{64}\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
111885	1569	1792	$\frac{1}{32}$	$\frac{223}{1792}$	$\frac{33}{256}$	$\frac{31}{64}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
111886	1569	1750	$\frac{6}{175}$	$\frac{181}{1750}$	$\frac{1}{7}$	$\frac{169}{350}$	$\Phi_{1750}\ \Phi_{875}\ \Phi_{250}\ \Phi_{175}\ \Phi_{125}\ \Phi_{35}\ \Phi_{25}\ \Phi_5\ \Phi_1$
111887	1569	1008	$\frac{1}{28}$	$\frac{19}{504}$	$\frac{9}{28}$	$\frac{485}{1008}$	$\Phi_{1008}^3\ \Phi_{336}^3\ \Phi_{144}^3\ \Phi_{112}^3\ \Phi_{48}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
111888	1569	1008	$\frac{19}{504}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{485}{1008}$	$\Phi_{1008}^3\ \Phi_{336}^3\ \Phi_{144}^3\ \Phi_{112}^3\ \Phi_{48}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
111889	1569	2128	$\frac{1}{28}$	$\frac{27}{532}$	$\frac{559}{2128}$	$\frac{505}{1064}$	$\Phi_{2128}\ \Phi_{532}\ \Phi_{304}\ \Phi_{266}\ \Phi_{133}\ \Phi_{112}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
111890	1569	560	$\frac{2}{35}$	$\frac{37}{560}$	$\frac{1}{7}$	$\frac{33}{70}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_5^3\ \Phi_4^3\ \Phi_1^3$
111891	1569	980	$\frac{1}{49}$	$\frac{33}{490}$	$\frac{16}{49}$	$\frac{457}{980}$	$\Phi_{980}^3\ \Phi_{196}^3\ \Phi_{140}^3\ \Phi_{49}^2\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
111892	1569	980	$\frac{2}{35}$	$\frac{33}{490}$	$\frac{1}{7}$	$\frac{457}{980}$	$\Phi_{980}^3\ \Phi_{196}^3\ \Phi_{140}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_4^3\ \Phi_1^3$
111893	1569	1760	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{191}{1760}$	$\frac{161}{352}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
111894	1569	2156	$\frac{1}{49}$	$\frac{48}{539}$	$\frac{587}{2156}$	$\frac{491}{1078}$	$\Phi_{2156}\ \Phi_{539}\ \Phi_{308}\ \Phi_{196}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}\ \Phi_{11}\ \Phi_4\ \Phi_1$
111895	1569	960	$\frac{1}{32}$	$\frac{43}{480}$	$\frac{31}{160}$	$\frac{437}{960}$	$\Phi_{960}^3\ \Phi_{320}^3\ \Phi_{192}^3\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}^3\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
111896	1569	960	$\frac{1}{16}$	$\frac{43}{480}$	$\frac{5}{48}$	$\frac{437}{960}$	$\Phi_{960}^3\ \Phi_{320}^3\ \Phi_{192}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
111897	1569	546	$\frac{23}{546}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{546}^3\ \Phi_{273}^3\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{26}^3\ \Phi_{21}^3\ \Phi_{13}^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
111898	1569	640	$\frac{1}{32}$	$\frac{31}{320}$	$\frac{117}{640}$	$\frac{289}{640}$	$\Phi_{640}^2\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{128}^2\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
111899	1569	576	$\frac{1}{16}$	$\frac{53}{576}$	$\frac{5}{48}$	$\frac{43}{96}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{72}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
111900	1569	2816	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{161}{1408}$	$\frac{1247}{2816}$	$\Phi_{2816}\ \Phi_{256}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
111901	1569	2800	$\frac{6}{175}$	$\frac{169}{1400}$	$\frac{1}{7}$	$\frac{1231}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{175}\ \Phi_{112}\ \Phi_{80}\ \Phi_{35}\ \Phi_{25}\ \Phi_{16}\ \Phi_5\ \Phi_1$
111902	1569	896	$\frac{1}{112}$	$\frac{75}{448}$	$\frac{37}{112}$	$\frac{373}{896}$	$\Phi_{896}^3\ \Phi_{128}^3\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
111903	1569	1610	$\frac{41}{1610}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{322}\ \Phi_{230}\ \Phi_{161}\ \Phi_{115}\ \Phi_{46}\ \Phi_{35}\ \Phi_{23}\ \Phi_5\ \Phi_1$
111904	1569	2240	$\frac{1}{112}$	$\frac{111}{560}$	$\frac{671}{2240}$	$\frac{449}{1120}$	$\Phi_{2240}\ \Phi_{560}\ \Phi_{448}\ \Phi_{320}\ \Phi_{280}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{64}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
111905	1569	2560	$\frac{1}{32}$	$\frac{31}{320}$	$\frac{289}{1280}$	$\frac{991}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
111906	1569	840	$\frac{2}{105}$	$\frac{1}{7}$	$\frac{103}{420}$	$\frac{317}{840}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{105}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_5^3\ \Phi_3^3\ \Phi_1^3$
111907	1569	528	$\frac{5}{528}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^3\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{66}^3\ \Phi_{48}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
111908	1569	532	$\frac{9}{532}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{532}^3\ \Phi_{266}^3\ \Phi_{133}^3\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{28}^3\ \Phi_{19}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
111909	1569	544	$\frac{21}{544}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{544}^3\ \Phi_{272}^3\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
111910	1569	560	$\frac{1}{28}$	$\frac{37}{560}$	$\frac{9}{28}$	$\frac{19}{56}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
111911	1569	588	$\frac{1}{49}$	$\frac{65}{588}$	$\frac{16}{49}$	$\frac{33}{98}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{196}^3\ \Phi_{147}^3\ \Phi_{84}^3\ \Phi_{49}^2\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
111912	1569	672	$\frac{1}{112}$	$\frac{149}{672}$	$\frac{37}{112}$	$\frac{75}{224}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^2\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{56}^2\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
111913	1569	1572	$\frac{1}{131}$	$\frac{1}{4}$	$\frac{130}{393}$	$\frac{263}{786}$	$\Phi_{1572}\ \Phi_{524}^2\ \Phi_{393}\ \Phi_{262}\ \Phi_{131}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
111914	1569	784	$\frac{1}{196}$	$\frac{65}{196}$	$\frac{261}{784}$	$\frac{131}{392}$	$\Phi_{784}^3\ \Phi_{196}^2\ \Phi_{112}^3\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
111915	1569	780	$\frac{3}{260}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{257}{780}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{195}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{60}^3\ \Phi_{39}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
111916	1569	777	$\frac{5}{259}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{254}{777}$	$\Phi_{777}^3\ \Phi_{111}^3\ \Phi_{21}^3\ \Phi_{7}^2\ \Phi_{3}^3\ \Phi_{1}^3$
111917	1569	735	$\frac{1}{49}$	$\frac{33}{245}$	$\frac{212}{735}$	$\frac{16}{49}$	$\Phi_{735}^3\ \Phi_{147}^3\ \Phi_{105}^3\ \Phi_{49}^2\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{7}^2\ \Phi_{3}^3\ \Phi_{1}^3$
111918	1569	756	$\frac{1}{28}$	$\frac{19}{252}$	$\frac{233}{756}$	$\frac{9}{28}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{189}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{28}^2\ \Phi_{27}^3\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
111919	1569	588	$\frac{1}{28}$	$\frac{65}{588}$	$\frac{19}{84}$	$\frac{9}{28}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{196}^3\ \Phi_{147}^3\ \Phi_{98}^3\ \Phi_{49}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
111920	1569	672	$\frac{1}{28}$	$\frac{19}{168}$	$\frac{149}{672}$	$\frac{9}{28}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
111921	1569	770	$\frac{29}{770}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{247}{770}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}^2\ \Phi_{70}^2\ \Phi_{55}^2\ \Phi_{35}^3\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_{7}^2\ \Phi_{5}^3\ \Phi_{2}^2\ \Phi_{1}^3$
111922	1569	768	$\frac{11}{256}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{245}{768}$	$\Phi_{768}^3\ \Phi_{384}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
111923	1569	640	$\frac{1}{16}$	$\frac{11}{128}$	$\frac{117}{640}$	$\frac{5}{16}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}^3\ \Phi_{8}^2\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
111924	1569	576	$\frac{1}{16}$	$\frac{53}{576}$	$\frac{11}{64}$	$\frac{5}{16}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_{9}^3\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
111925	1569	756	$\frac{19}{252}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{233}{756}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{189}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{21}^3\ \Phi_{7}^2\ \Phi_{3}^3\ \Phi_{1}^3$
111926	1569	567	$\frac{44}{567}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{63}$	$\Phi_{567}^3\ \Phi_{189}^3\ \Phi_{81}^3\ \Phi_{27}^3\ \Phi_{21}^3\ \Phi_{7}^2\ \Phi_{3}^3\ \Phi_{1}^3$
111927	1569	735	$\frac{2}{35}$	$\frac{33}{245}$	$\frac{1}{7}$	$\frac{212}{735}$	$\Phi_{735}^3\ \Phi_{147}^3\ \Phi_{105}^3\ \Phi_{35}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{7}^2\ \Phi_{5}^3\ \Phi_{3}^3\ \Phi_{1}^3$
111928	1569	720	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{43}{240}$	$\frac{197}{720}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_{9}^3\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
111929	1569	640	$\frac{1}{32}$	$\frac{117}{640}$	$\frac{31}{160}$	$\frac{43}{160}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}\ \Phi_{128}^3\ \Phi_{80}\ \Phi_{64}^3\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
111930	1569	704	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{161}{704}$	$\frac{181}{704}$	$\Phi_{704}^2\ \Phi_{352}^2\ \Phi_{176}^3\ \Phi_{88}^3\ \Phi_{64}^2\ \Phi_{44}^3\ \Phi_{32}^2\ \Phi_{22}^3\ \Phi_{16}^2\ \Phi_{11}^3\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
111931	1569	700	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{169}{700}$	$\frac{177}{700}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^3\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{7}^2\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
111932	1569	624	$\frac{3}{104}$	$\frac{101}{624}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{48}^3\ \Phi_{39}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
111933	1569	540	$\frac{17}{540}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{54}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{27}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{9}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
111934	1569	572	$\frac{3}{52}$	$\frac{49}{572}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{572}^3\ \Phi_{286}^3\ \Phi_{143}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
111935	1569	560	$\frac{37}{560}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{7}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
111936	1569	588	$\frac{2}{21}$	$\frac{65}{588}$	$\frac{1}{7}$	$\frac{19}{84}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{196}^3\ \Phi_{147}^3\ \Phi_{98}^3\ \Phi_{49}^3\ \Phi_{21}^3\ \Phi_{7}^2\ \Phi_{3}^3\ \Phi_{1}^3$
111937	1569	672	$\frac{2}{21}$	$\frac{19}{168}$	$\frac{1}{7}$	$\frac{149}{672}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{7}^2\ \Phi_{3}^3\ \Phi_{1}^3$
111938	1569	560	$\frac{37}{560}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{140}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^2\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
111939	1569	1925	$\frac{29}{385}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{356}{1925}$	$\Phi_{1925}\ \Phi_{275}\ \Phi_{175}\ \Phi_{35}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}$
111940	1569	630	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{126}$	$\frac{107}{630}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{105}^3\ \Phi_{90}^3\ \Phi_{70}^3\ \Phi_{45}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_{7}^2\ \Phi_{5}^3\ \Phi_{3}^3\ \Phi_{1}^3$
111941	1570	1566	$\frac{2}{783}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{781}{1566}$	$\Phi_{1566}^2\ \Phi_{522}^2\ \Phi_{174}^2\ \Phi_{58}^2\ \Phi_{54}^2\ \Phi_{18}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
111942	1570	2504	$\frac{1}{313}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{156}{313}$	$\Phi_{2504}\ \Phi_{313}\ \Phi_{8}^2\ \Phi_{1}^2$
111943	1570	3144	$\frac{1}{262}$	$\frac{263}{1048}$	$\frac{1}{3}$	$\frac{261}{524}$	$\Phi_{3144}\ \Phi_{786}\ \Phi_{393}\ \Phi_{24}\ \Phi_{6}$
111944	1570	936	$\frac{1}{156}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{155}{312}$	$\Phi_{936}^3\ \Phi_{312}^4\ \Phi_{104}^4\ \Phi_{72}^3\ \Phi_{24}^4\ \Phi_{9}\ \Phi_{8}^4\ \Phi_{3}\ \Phi_{1}^2$
111945	1570	312	$\frac{1}{156}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{155}{312}$	$\Phi_{312}^{10}\ \Phi_{104}^{10}\ \Phi_{24}^{10}\ \Phi_{8}^{10}\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
111946	1570	210	$\frac{1}{105}$	$\frac{1}{6}$	$\frac{53}{210}$	$\frac{52}{105}$	$\Phi_{210}^7\ \Phi_{105}^8\ \Phi_{70}^7\ \Phi_{42}^7\ \Phi_{35}^8\ \Phi_{30}^7\ \Phi_{21}^8\ \Phi_{15}^8\ \Phi_{14}^7\ \Phi_{10}^7\ \Phi_{7}^8\ \Phi_{6}^6\ \Phi_{5}^8\ \Phi_{3}^7\ \Phi_{2}^6\ \Phi_{1}^8$
111947	1570	930	$\frac{2}{155}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{153}{310}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{186}^2\ \Phi_{155}^2\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
111948	1570	378	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{32}{189}$	$\frac{31}{63}$	$\Phi_{378}^{6}\ \Phi_{189}^{4}\ \Phi_{126}^{3}\ \Phi_{63}^{2}\ \Phi_{54}^{6}\ \Phi_{42}^{3}\ \Phi_{27}^{4}\ \Phi_{21}^{2}\ \Phi_{18}^{3}\ \Phi_{14}^{3}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
111949	1570	924	$\frac{3}{154}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{151}{308}$	$\Phi_{924}^{4}\ \Phi_{308}^{2}\ \Phi_{132}^{4}\ \Phi_{84}^{4}\ \Phi_{44}^{2}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^{4}\ \Phi_{4}^{2}$
111950	1570	180	$\frac{1}{45}$	$\frac{23}{180}$	$\frac{1}{6}$	$\frac{22}{45}$	$\Phi_{180}^{10}\ \Phi_{90}^{7}\ \Phi_{60}^{10}\ \Phi_{45}^{8}\ \Phi_{36}^{10}\ \Phi_{30}^{7}\ \Phi_{20}^{10}\ \Phi_{18}^{7}\ \Phi_{15}^{8}\ \Phi_{12}^{10}\ \Phi_{10}^{7}\ \Phi_{9}^{8}\ \Phi_{6}^{6}\ \Phi_{5}^{8}\ \Phi_{4}^{10}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
111951	1570	306	$\frac{4}{153}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{149}{306}$	$\Phi_{306}^{4}\ \Phi_{153}^{6}\ \Phi_{102}^{4}\ \Phi_{51}^{6}\ \Phi_{34}^{4}\ \Phi_{18}^{7}\ \Phi_{17}^{6}\ \Phi_{9}^{8}\ \Phi_{6}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
111952	1570	1050	$\frac{1}{35}$	$\frac{18}{175}$	$\frac{1}{6}$	$\frac{17}{35}$	$\Phi_{1050}^{2}\ \Phi_{525}^{2}\ \Phi_{350}^{2}\ \Phi_{210}\ \Phi_{150}^{2}\ \Phi_{105}\ \Phi_{75}^{2}\ \Phi_{70}\ \Phi_{50}^{2}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
111953	1570	300	$\frac{7}{150}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{143}{300}$	$\Phi_{300}^{10}\ \Phi_{100}^{10}\ \Phi_{60}^{10}\ \Phi_{30}^{3}\ \Phi_{20}^{10}\ \Phi_{15}^{2}\ \Phi_{12}^{10}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
111954	1570	168	$\frac{1}{21}$	$\frac{11}{168}$	$\frac{1}{6}$	$\frac{10}{21}$	$\Phi_{168}^{10}\ \Phi_{84}^{10}\ \Phi_{56}^{10}\ \Phi_{42}^{7}\ \Phi_{28}^{10}\ \Phi_{24}^{10}\ \Phi_{21}^{8}\ \Phi_{14}^{7}\ \Phi_{12}^{10}\ \Phi_{8}^{10}\ \Phi_{7}^{8}\ \Phi_{6}^{6}\ \Phi_{4}^{10}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
111955	1570	330	$\frac{8}{165}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{330}^{6}\ \Phi_{165}^{4}\ \Phi_{110}^{6}\ \Phi_{66}^{6}\ \Phi_{55}^{4}\ \Phi_{33}^{4}\ \Phi_{30}^{3}\ \Phi_{22}^{6}\ \Phi_{15}^{2}\ \Phi_{11}^{4}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
111956	1570	294	$\frac{1}{21}$	$\frac{10}{147}$	$\frac{1}{6}$	$\frac{137}{294}$	$\Phi_{294}^{4}\ \Phi_{147}^{6}\ \Phi_{98}^{4}\ \Phi_{49}^{6}\ \Phi_{42}^{7}\ \Phi_{21}^{8}\ \Phi_{14}^{7}\ \Phi_{7}^{8}\ \Phi_{6}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
111957	1570	477	$\frac{2}{159}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{477}^{3}\ \Phi_{159}^{4}\ \Phi_{53}^{4}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
111958	1570	234	$\frac{1}{78}$	$\frac{1}{9}$	$\frac{77}{234}$	$\frac{4}{9}$	$\Phi_{234}^{7}\ \Phi_{117}^{7}\ \Phi_{78}^{6}\ \Phi_{39}^{6}\ \Phi_{26}^{6}\ \Phi_{18}^{7}\ \Phi_{13}^{6}\ \Phi_{9}^{8}\ \Phi_{6}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
111959	1570	1440	$\frac{3}{160}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}^{2}\ \Phi_{144}\ \Phi_{120}\ \Phi_{96}\ \Phi_{90}\ \Phi_{80}^{2}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
111960	1570	1872	$\frac{1}{52}$	$\frac{1}{9}$	$\frac{51}{208}$	$\frac{4}{9}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}^{2}\ \Phi_{144}\ \Phi_{104}^{2}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
111961	1570	585	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{38}{195}$	$\frac{4}{9}$	$\Phi_{585}^{3}\ \Phi_{195}^{4}\ \Phi_{65}^{4}\ \Phi_{45}^{3}\ \Phi_{15}^{4}\ \Phi_{9}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
111962	1570	162	$\frac{5}{162}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{162}^{10}\ \Phi_{81}^{10}\ \Phi_{54}^{10}\ \Phi_{27}^{10}\ \Phi_{18}^{7}\ \Phi_{9}^{8}\ \Phi_{6}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
111963	1570	1638	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{25}{182}$	$\frac{4}{9}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{182}^{2}\ \Phi_{126}\ \Phi_{91}^{2}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}^{2}\ \Phi_{9}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
111964	1570	504	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{504}^{3}\ \Phi_{252}^{3}\ \Phi_{168}^{4}\ \Phi_{126}^{3}\ \Phi_{84}^{4}\ \Phi_{72}^{3}\ \Phi_{63}^{3}\ \Phi_{56}^{4}\ \Phi_{42}^{4}\ \Phi_{28}^{4}\ \Phi_{24}^{4}\ \Phi_{21}^{4}\ \Phi_{14}^{4}\ \Phi_{9}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
111965	1570	1521	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1521}\ \Phi_{507}\ \Phi_{169}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
111966	1570	840	$\frac{1}{35}$	$\frac{17}{140}$	$\frac{1}{6}$	$\frac{123}{280}$	$\Phi_{840}^{4}\ \Phi_{280}^{2}\ \Phi_{210}\ \Phi_{168}^{4}\ \Phi_{120}^{4}\ \Phi_{105}\ \Phi_{70}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{24}^{4}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}^{2}$
111967	1570	966	$\frac{4}{161}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{966}^{2}\ \Phi_{483}^{2}\ \Phi_{322}^{2}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
111968	1570	270	$\frac{1}{45}$	$\frac{22}{135}$	$\frac{1}{6}$	$\frac{113}{270}$	$\Phi_{270}^{4}\ \Phi_{135}^{6}\ \Phi_{90}^{7}\ \Phi_{54}^{4}\ \Phi_{45}^{8}\ \Phi_{30}^{7}\ \Phi_{27}^{6}\ \Phi_{18}^{7}\ \Phi_{15}^{8}\ \Phi_{10}^{7}\ \Phi_{9}^{8}\ \Phi_{6}^{6}\ \Phi_{5}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
111969	1570	792	$\frac{7}{792}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{99}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{36}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
111970	1570	786	$\frac{1}{131}$	$\frac{26}{131}$	$\frac{1}{3}$	$\frac{105}{262}$	$\Phi_{786}^{5}\ \Phi_{393}\ \Phi_{6}^{5}$
111971	1570	480	$\frac{3}{160}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{2}\ \Phi_{120}^{4}\ \Phi_{96}^{4}\ \Phi_{80}^{2}\ \Phi_{60}^{4}\ \Phi_{48}^{4}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{30}^{3}\ \Phi_{24}^{4}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
111972	1570	252	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{31}{126}$	$\frac{95}{252}$	$\Phi_{252}^{10}\ \Phi_{126}^{3}\ \Phi_{84}^{10}\ \Phi_{63}^{2}\ \Phi_{42}^{3}\ \Phi_{36}^{10}\ \Phi_{28}^{10}\ \Phi_{21}^{2}\ \Phi_{18}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{10}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
111973	1570	1896	$\frac{1}{158}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1896}^{2}\ \Phi_{474}\ \Phi_{237}\ \Phi_{24}\ \Phi_{6}$
111974	1570	1179	$\frac{2}{393}$	$\frac{391}{1179}$	$\frac{1}{3}$	$\frac{394}{1179}$	$\Phi_{1179}\ \Phi_{393}^{2}\ \Phi_{131}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
111975	1570	1044	$\frac{2}{261}$	$\frac{259}{1044}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1044}^{2}\ \Phi_{522}^{2}\ \Phi_{348}^{2}\ \Phi_{174}^{2}\ \Phi_{116}^{2}\ \Phi_{58}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
111976	1570	792	$\frac{7}{792}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{99}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{36}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
111977	1570	318	$\frac{2}{159}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{318}^{6}\ \Phi_{159}^{4}\ \Phi_{106}^{6}\ \Phi_{53}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
111978	1570	174	$\frac{2}{87}$	$\frac{17}{174}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{174}^{10}\ \Phi_{87}^{8}\ \Phi_{58}^{10}\ \Phi_{29}^{8}\ \Phi_{6}^{10}\ \Phi_{3}^{9}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
111979	1570	162	$\frac{5}{162}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{162}^{10}\ \Phi_{81}^{10}\ \Phi_{54}^{10}\ \Phi_{27}^{8}\ \Phi_{18}^{10}\ \Phi_{9}^{8}\ \Phi_{6}^{10}\ \Phi_{3}^{9}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
111980	1570	234	$\frac{1}{78}$	$\frac{1}{6}$	$\frac{77}{234}$	$\frac{1}{3}$	$\Phi_{234}^{10}\ \Phi_{117}^{10}\ \Phi_{18}^{10}\ \Phi_{9}^{10}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
111981	1570	480	$\frac{3}{160}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{4}\ \Phi_{120}^{3}\ \Phi_{96}^{3}\ \Phi_{80}^{4}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{40}^{4}\ \Phi_{32}^{4}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
111982	1570	624	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{51}{208}$	$\frac{1}{3}$	$\Phi_{624}^{3}\ \Phi_{312}^{3}\ \Phi_{208}^{4}\ \Phi_{104}^{4}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
111983	1570	390	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{38}{195}$	$\frac{1}{3}$	$\Phi_{390}^{6}\ \Phi_{195}^{4}\ \Phi_{130}^{6}\ \Phi_{65}^{4}\ \Phi_{30}^{6}\ \Phi_{15}^{4}\ \Phi_{10}^{6}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
111984	1570	162	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{162}^{10}\ \Phi_{81}^{10}\ \Phi_{54}^{10}\ \Phi_{27}^{10}\ \Phi_{18}^{10}\ \Phi_{9}^{10}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
111985	1570	936	$\frac{5}{156}$	$\frac{151}{936}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{312}^{2}\ \Phi_{234}^{2}\ \Phi_{117}^{2}\ \Phi_{104}^{2}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
111986	1570	546	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{546}^{3}\ \Phi_{273}^{3}\ \Phi_{182}^{4}\ \Phi_{91}^{4}\ \Phi_{42}^{3}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
111987	1570	702	$\frac{2}{39}$	$\frac{37}{351}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{702}^{3}\ \Phi_{351}^{2}\ \Phi_{234}^{3}\ \Phi_{117}^{2}\ \Phi_{54}^{3}\ \Phi_{27}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
111988	1570	858	$\frac{5}{78}$	$\frac{73}{858}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{858}^{2}\ \Phi_{429}^{2}\ \Phi_{286}^{2}\ \Phi_{143}^{2}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
111989	1570	168	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{168}^{10}\ \Phi_{84}^{10}\ \Phi_{56}^{10}\ \Phi_{42}^{10}\ \Phi_{28}^{10}\ \Phi_{24}^{10}\ \Phi_{21}^{10}\ \Phi_{14}^{10}\ \Phi_{8}^{10}\ \Phi_{7}^{10}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
111990	1570	1014	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1014}^{2}\ \Phi_{507}\ \Phi_{338}^{2}\ \Phi_{169}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
111991	1570	810	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{91}{405}$	$\frac{44}{135}$	$\Phi_{810}^{3}\ \Phi_{405}^{2}\ \Phi_{162}^{3}\ \Phi_{90}^{3}\ \Phi_{81}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{3}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
111992	1570	930	$\frac{4}{155}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{151}{465}$	$\Phi_{930}^{2}\ \Phi_{465}\ \Phi_{310}^{2}\ \Phi_{186}^{2}\ \Phi_{155}^{2}\ \Phi_{93}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{30}^{3}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
111993	1570	462	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{74}{231}$	$\Phi_{462}^{4}\ \Phi_{231}^{2}\ \Phi_{154}^{4}\ \Phi_{77}^{4}\ \Phi_{66}^{4}\ \Phi_{42}^{5}\ \Phi_{33}^{2}\ \Phi_{22}^{4}\ \Phi_{21}^{3}\ \Phi_{14}^{5}\ \Phi_{11}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
111994	1570	918	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{145}{459}$	$\Phi_{918}^{3}\ \Phi_{459}^{2}\ \Phi_{54}^{3}\ \Phi_{27}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
111995	1570	450	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{1}{6}$	$\frac{68}{225}$	$\Phi_{450}^{6}\ \Phi_{225}^{4}\ \Phi_{90}^{6}\ \Phi_{45}^{4}\ \Phi_{30}^{3}\ \Phi_{18}^{6}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
111996	1570	882	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{1}{6}$	$\frac{127}{441}$	$\Phi_{882}^{3}\ \Phi_{441}^{2}\ \Phi_{126}^{3}\ \Phi_{63}^{2}\ \Phi_{42}^{3}\ \Phi_{21}^{2}\ \Phi_{18}^{3}\ \Phi_{14}^{3}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
111997	1570	210	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{17}{70}$	$\frac{53}{210}$	$\Phi_{210}^{7}\ \Phi_{105}^{7}\ \Phi_{70}^{9}\ \Phi_{42}^{7}\ \Phi_{35}^{8}\ \Phi_{30}^{7}\ \Phi_{21}^{7}\ \Phi_{15}^{7}\ \Phi_{14}^{9}\ \Phi_{10}^{9}\ \Phi_{7}^{8}\ \Phi_{6}^{6}\ \Phi_{5}^{8}\ \Phi_{3}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
111998	1570	180	$\frac{1}{15}$	$\frac{23}{180}$	$\frac{1}{6}$	$\frac{7}{30}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^{10}\ \Phi_{45}^{10}\ \Phi_{36}^{10}\ \Phi_{30}^{3}\ \Phi_{20}^{10}\ \Phi_{18}^{10}\ \Phi_{15}^{2}\ \Phi_{12}^{10}\ \Phi_{10}^{3}\ \Phi_{9}^{10}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
111999	1570	168	$\frac{11}{168}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{168}^{10}\ \Phi_{84}^{10}\ \Phi_{56}^{10}\ \Phi_{42}^{7}\ \Phi_{28}^{10}\ \Phi_{24}^{10}\ \Phi_{21}^{7}\ \Phi_{14}^{9}\ \Phi_{12}^{10}\ \Phi_{8}^{10}\ \Phi_{7}^{8}\ \Phi_{6}^{6}\ \Phi_{4}^{10}\ \Phi_{3}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
112000	1570	750	$\frac{1}{15}$	$\frac{61}{375}$	$\frac{1}{6}$	$\frac{14}{75}$	$\Phi_{750}^{3}\ \Phi_{375}^{2}\ \Phi_{250}^{3}\ \Phi_{125}^{2}\ \Phi_{30}^{3}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
112001	1570	2310	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{71}{385}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{110}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
112002	1571	2512	$\frac{1}{314}$	$\frac{315}{1256}$	$\frac{941}{2512}$	$\frac{313}{628}$	$\Phi_{2512}\ \Phi_{628}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
112003	1571	3120	$\frac{11}{1560}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1549}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{80}\ \Phi_{48}\ \Phi_{20}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
112004	1571	3120	$\frac{11}{1560}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1549}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
112005	1571	2100	$\frac{4}{525}$	$\frac{1}{5}$	$\frac{529}{2100}$	$\frac{521}{1050}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{175}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
112006	1571	1890	$\frac{4}{315}$	$\frac{319}{1890}$	$\frac{1}{5}$	$\frac{311}{630}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}\ \Phi_{54}\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
112007	1571	3100	$\frac{21}{1550}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1529}{3100}$	$\Phi_{3100}\ \Phi_{620}\ \Phi_{124}\ \Phi_{100}\ \Phi_{25}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
112008	1571	1800	$\frac{4}{225}$	$\frac{229}{1800}$	$\frac{1}{5}$	$\frac{221}{450}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
112009	1571	3080	$\frac{31}{1540}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1509}{3080}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{88}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
112010	1571	1750	$\frac{4}{175}$	$\frac{179}{1750}$	$\frac{1}{5}$	$\frac{171}{350}$	$\Phi_{1750}\ \Phi_{875}\ \Phi_{250}\ \Phi_{175}\ \Phi_{125}\ \Phi_{35}\ \Phi_{25}\ \Phi_{7}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
112011	1571	3060	$\frac{41}{1530}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1489}{3060}$	Φ_{3060} Φ_{1020} Φ_{612} Φ_{340} Φ_{204} Φ_{180} Φ_{68} Φ_{60} Φ_{45} Φ_{36} Φ_{20} Φ_{15} Φ_{12} Φ_{9} Φ_{4} Φ_{3} Φ_{1}
112012	1571	1680	$\frac{4}{105}$	$\frac{109}{1680}$	$\frac{1}{5}$	$\frac{101}{210}$	Φ_{1680} Φ_{840} Φ_{560} Φ_{420} Φ_{336} Φ_{280} Φ_{240} Φ_{168} Φ_{140} Φ_{120} Φ_{112} Φ_{105} Φ_{84} Φ_{80} Φ_{60} Φ_{56} Φ_{48} Φ_{40} Φ_{35} Φ_{28} Φ_{24} Φ_{21} Φ_{20} Φ_{16} Φ_{15} Φ_{12} Φ_{8} Φ_{7} Φ_{4} Φ_{3} Φ_{1}
112013	1571	3000	$\frac{71}{1500}$	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{1429}{3000}$	Φ_{3000} Φ_{1000} Φ_{600} Φ_{200} Φ_{120} Φ_{75} Φ_{40} Φ_{25} Φ_{24} Φ_{15} Φ_{8} Φ_{3} Φ_{1}
112014	1571	1650	$\frac{79}{1650}$	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{71}{150}$	Φ_{1650} Φ_{825} Φ_{550} Φ_{330} Φ_{275} Φ_{165} Φ_{110} Φ_{75} Φ_{66} Φ_{55} Φ_{33} Φ_{25} Φ_{22} Φ_{15} Φ_{11} Φ_{3} Φ_{1}
112015	1571	2940	$\frac{4}{105}$	$\frac{101}{1470}$	$\frac{1}{5}$	$\frac{1369}{2940}$	Φ_{2940} Φ_{980} Φ_{588} Φ_{420} Φ_{196} Φ_{140} Φ_{105} Φ_{84} Φ_{60} Φ_{35} Φ_{28} Φ_{21} Φ_{20} Φ_{15} Φ_{12} Φ_{7} Φ_{4} Φ_{3} Φ_{1}
112016	1571	1620	$\frac{49}{1620}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	Φ_{1620} Φ_{810} Φ_{540} Φ_{405} Φ_{324} Φ_{270} Φ_{180} Φ_{162} Φ_{135} Φ_{108} Φ_{81} Φ_{60} Φ_{54} Φ_{45} Φ_{36} Φ_{27} Φ_{20} Φ_{15} Φ_{12} Φ_{9} Φ_{4} Φ_{3} Φ_{1}
112017	1571	2340	$\frac{11}{780}$	$\frac{1}{10}$	$\frac{769}{2340}$	$\frac{9}{20}$	Φ_{2340} Φ_{1170} Φ_{585} Φ_{468} Φ_{234} Φ_{180} Φ_{117} Φ_{90} Φ_{45} Φ_{36} Φ_{20} Φ_{18} Φ_{9} Φ_{4} Φ_{1}
112018	1571	1600	$\frac{29}{1600}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	Φ_{1600} Φ_{800} Φ_{400} Φ_{320} Φ_{200} Φ_{160} Φ_{100} Φ_{80} Φ_{64} Φ_{50} Φ_{32} Φ_{25} Φ_{20} Φ_{16} Φ_{4} Φ_{1}
112019	1571	2080	$\frac{11}{520}$	$\frac{1}{10}$	$\frac{509}{2080}$	$\frac{9}{20}$	Φ_{2080} Φ_{1040} Φ_{416} Φ_{208} Φ_{160} Φ_{80} Φ_{32} Φ_{20} Φ_{16} Φ_{4} Φ_{1}
112020	1571	1620	$\frac{49}{1620}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	Φ_{1620} Φ_{810} Φ_{540} Φ_{405} Φ_{324} Φ_{270} Φ_{180} Φ_{162} Φ_{135} Φ_{108} Φ_{90} Φ_{81} Φ_{54} Φ_{45} Φ_{36} Φ_{27} Φ_{20} Φ_{18} Φ_{9} Φ_{4} Φ_{1}
112021	1571	1820	$\frac{11}{260}$	$\frac{1}{10}$	$\frac{249}{1820}$	$\frac{9}{20}$	Φ_{1820} Φ_{910} Φ_{455} Φ_{364} Φ_{182} Φ_{140} Φ_{91} Φ_{70} Φ_{35} Φ_{28} Φ_{20} Φ_{14} Φ_{7} Φ_{4} Φ_{1}
112022	1571	1680	$\frac{109}{1680}$	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{9}{20}$	Φ_{1680} Φ_{840} Φ_{560} Φ_{420} Φ_{336} Φ_{280} Φ_{240} Φ_{210} Φ_{168} Φ_{140} Φ_{112} Φ_{105} Φ_{84} Φ_{80} Φ_{70} Φ_{56} Φ_{48} Φ_{42} Φ_{35} Φ_{28} Φ_{21} Φ_{20} Φ_{16} Φ_{14} Φ_{7} Φ_{4} Φ_{1}
112023	1571	1610	$\frac{39}{1610}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	Φ_{1610} Φ_{805} Φ_{322} Φ_{230} Φ_{161} Φ_{115} Φ_{46} Φ_{35} Φ_{23} Φ_{7} Φ_{1}
112024	1571	2800	$\frac{4}{175}$	$\frac{171}{1400}$	$\frac{1}{5}$	$\frac{1229}{2800}$	Φ_{2800} Φ_{560} Φ_{400} Φ_{175} Φ_{112} Φ_{80} Φ_{35} Φ_{25} Φ_{16} Φ_{7} Φ_{1}
112025	1571	1600	$\frac{29}{1600}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	Φ_{1600} Φ_{800} Φ_{400} Φ_{320} Φ_{200} Φ_{160} Φ_{100} Φ_{80} Φ_{64} Φ_{40} Φ_{32} Φ_{25} Φ_{20} Φ_{16} Φ_{8} Φ_{4} Φ_{1}
112026	1571	2700	$\frac{4}{225}$	$\frac{221}{1350}$	$\frac{1}{5}$	$\frac{1129}{2700}$	Φ_{2700} Φ_{900} Φ_{540} Φ_{300} Φ_{225} Φ_{180} Φ_{108} Φ_{100} Φ_{75} Φ_{60} Φ_{45} Φ_{36} Φ_{25} Φ_{20} Φ_{15} Φ_{12} Φ_{9} Φ_{4} Φ_{3} Φ_{1}
112027	1571	2520	$\frac{4}{315}$	$\frac{1}{5}$	$\frac{311}{1260}$	$\frac{949}{2520}$	Φ_{2520} Φ_{840} Φ_{504} Φ_{360} Φ_{315} Φ_{280} Φ_{168} Φ_{120} Φ_{105} Φ_{72} Φ_{63} Φ_{56} Φ_{45} Φ_{40} Φ_{35} Φ_{24} Φ_{21} Φ_{15} Φ_{9} Φ_{8} Φ_{7} Φ_{3} Φ_{1}
112028	1571	1590	$\frac{19}{1590}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	Φ_{1590} Φ_{795} Φ_{530} Φ_{318} Φ_{265} Φ_{159} Φ_{106} Φ_{53} Φ_{15} Φ_{3} Φ_{1}
112029	1571	2340	$\frac{11}{780}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{769}{2340}$	Φ_{2340} Φ_{1170} Φ_{585} Φ_{468} Φ_{234} Φ_{180} Φ_{117} Φ_{90} Φ_{45} Φ_{36} Φ_{18} Φ_{15} Φ_{9} Φ_{3} Φ_{1}
112030	1571	2025	$\frac{4}{225}$	$\frac{1}{5}$	$\frac{454}{2025}$	$\frac{221}{675}$	Φ_{2025} Φ_{405} Φ_{225} Φ_{81} Φ_{75} Φ_{45} Φ_{25} Φ_{15} Φ_{9} Φ_{3} Φ_{1}
112031	1571	2325	$\frac{21}{775}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{754}{2325}$	Φ_{2325} Φ_{465} Φ_{93} Φ_{75} Φ_{25} Φ_{15} Φ_{3} Φ_{1}
112032	1571	2310	$\frac{31}{770}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{739}{2310}$	Φ_{2310} Φ_{1155} Φ_{462} Φ_{330} Φ_{231} Φ_{210} Φ_{165} Φ_{105} Φ_{66} Φ_{42} Φ_{35} Φ_{33} Φ_{30} Φ_{21} Φ_{15} Φ_{7} Φ_{6} Φ_{3} Φ_{1}
112033	1571	2295	$\frac{41}{765}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{724}{2295}$	Φ_{2295} Φ_{459} Φ_{135} Φ_{45} Φ_{27} Φ_{15} Φ_{9} Φ_{3} Φ_{1}
112034	1571	2250	$\frac{4}{75}$	$\frac{71}{750}$	$\frac{1}{5}$	$\frac{679}{2250}$	Φ_{2250} Φ_{1125} Φ_{450} Φ_{225} Φ_{90} Φ_{75} Φ_{45} Φ_{25} Φ_{18} Φ_{15} Φ_{9} Φ_{3} Φ_{1}
112035	1571	2205	$\frac{4}{105}$	$\frac{101}{735}$	$\frac{1}{5}$	$\frac{634}{2205}$	Φ_{2205} Φ_{441} Φ_{315} Φ_{105} Φ_{63} Φ_{45} Φ_{35} Φ_{21} Φ_{15} Φ_{9} Φ_{7} Φ_{3} Φ_{1}
112036	1571	1950	$\frac{11}{390}$	$\frac{379}{1950}$	$\frac{1}{5}$	$\frac{4}{15}$	Φ_{1950} Φ_{975} Φ_{650} Φ_{325} Φ_{150} Φ_{75} Φ_{50} Φ_{25} Φ_{15} Φ_{3} Φ_{1}
112037	1571	1620	$\frac{49}{1620}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	Φ_{1620} Φ_{810} Φ_{540} Φ_{405} Φ_{324} Φ_{270} Φ_{180} Φ_{162} Φ_{135} Φ_{108} Φ_{90} Φ_{81} Φ_{54} Φ_{45} Φ_{36} Φ_{27} Φ_{18} Φ_{15} Φ_{9} Φ_{3} Φ_{1}
112038	1571	1755	$\frac{11}{195}$	$\frac{184}{1755}$	$\frac{1}{5}$	$\frac{4}{15}$	Φ_{1755} Φ_{585} Φ_{351} Φ_{135} Φ_{117} Φ_{45} Φ_{27} Φ_{15} Φ_{9} Φ_{3} Φ_{1}
112039	1571	1680	$\frac{109}{1680}$	$\frac{11}{120}$	$\frac{1}{5}$	$\frac{4}{15}$	Φ_{1680} Φ_{840} Φ_{560} Φ_{420} Φ_{336} Φ_{280} Φ_{240} Φ_{210} Φ_{168} Φ_{140} Φ_{112} Φ_{105} Φ_{84} Φ_{80} Φ_{70} Φ_{56} Φ_{48} Φ_{42} Φ_{35} Φ_{28} Φ_{21} Φ_{16} Φ_{15} Φ_{14} Φ_{7} Φ_{3} Φ_{1}
112040	1571	2100	$\frac{4}{175}$	$\frac{1}{5}$	$\frac{171}{700}$	$\frac{529}{2100}$	Φ_{2100} Φ_{1050} Φ_{525} Φ_{420} Φ_{300} Φ_{210} Φ_{175} Φ_{150} Φ_{105} Φ_{84} Φ_{75} Φ_{60} Φ_{42} Φ_{35} Φ_{30} Φ_{25} Φ_{21} Φ_{15} Φ_{12} Φ_{7} Φ_{6} Φ_{3} Φ_{1}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
112041	1571	1800	$\frac{4}{75}$	$\frac{229}{1800}$	$\frac{1}{5}$	$\frac{71}{300}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
112042	1571	1680	$\frac{109}{1680}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{140}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
112043	1571	1875	$\frac{4}{75}$	$\frac{304}{1875}$	$\frac{71}{375}$	$\frac{1}{5}$	$\Phi_{1875}\ \Phi_{625}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
112044	1571	1925	$\frac{31}{385}$	$\frac{4}{35}$	$\frac{354}{1925}$	$\frac{1}{5}$	$\Phi_{1925}\ \Phi_{275}\ \Phi_{175}\ \Phi_{35}\ \Phi_{25}\ \Phi_{7}\ \Phi_{1}$
112045	1572	2352	$\frac{1}{392}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{391}{784}$	$\Phi_{2352}\ \Phi_{784}^2\ \Phi_{336}\ \Phi_{112}^2\ \Phi_{48}\ \Phi_{16}^2\ \Phi_{3}\ \Phi_{1}^2$
112046	1572	1305	$\frac{1}{261}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{130}{261}$	$\Phi_{1305}\ \Phi_{435}\ \Phi_{261}^2\ \Phi_{145}\ \Phi_{87}^2\ \Phi_{45}\ \Phi_{29}^2\ \Phi_{15}\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
112047	1572	1044	$\frac{1}{261}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{130}{261}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{348}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
112048	1572	1571	$\frac{7}{1571}$	$\frac{263}{1571}$	$\frac{654}{1571}$	$\frac{782}{1571}$	$\Phi_{1571}\ \Phi_{1}^2$
112049	1572	700	$\frac{1}{175}$	$\frac{1}{4}$	$\frac{44}{175}$	$\frac{87}{175}$	$\Phi_{700}^3\ \Phi_{350}^3\ \Phi_{140}^3\ \Phi_{100}^3\ \Phi_{70}^3\ \Phi_{50}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_{4}^2\ \Phi_{2}^2$
112050	1572	1571	$\frac{9}{1571}$	$\frac{392}{1571}$	$\frac{395}{1571}$	$\frac{781}{1571}$	$\Phi_{1571}\ \Phi_{1}^2$
112051	1572	2361	$\frac{5}{787}$	$\frac{132}{787}$	$\frac{1}{3}$	$\frac{391}{787}$	Φ_{2361}
112052	1572	2860	$\frac{1}{130}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{129}{260}$	$\Phi_{2860}\ \Phi_{572}\ \Phi_{260}^2\ \Phi_{220}\ \Phi_{52}^2\ \Phi_{44}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{4}^2\ \Phi_{1}^2$
112053	1572	5460	$\frac{1}{130}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{129}{260}$	$\Phi_{5460}\ \Phi_{1092}\ \Phi_{420}\ \Phi_{84}\ \Phi_{21}$
112054	1572	2860	$\frac{1}{130}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{129}{260}$	$\Phi_{2860}\ \Phi_{572}\ \Phi_{260}^2\ \Phi_{220}\ \Phi_{52}^2\ \Phi_{44}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{4}^2\ \Phi_{1}^2$
112055	1572	260	$\frac{1}{130}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{129}{260}$	$\Phi_{260}^4\ \Phi_{130}^8\ \Phi_{65}^8\ \Phi_{52}^4\ \Phi_{26}^8\ \Phi_{20}^5\ \Phi_{13}^8\ \Phi_{10}^9\ \Phi_{5}^8\ \Phi_{4}^4\ \Phi_{2}^8\ \Phi_{1}^8$
112056	1572	1260	$\frac{1}{105}$	$\frac{53}{315}$	$\frac{1}{4}$	$\frac{52}{105}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
112057	1572	1036	$\frac{3}{259}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{128}{259}$	$\Phi_{1036}^2\ \Phi_{518}^2\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{4}^2\ \Phi_{2}^2$
112058	1572	300	$\frac{1}{75}$	$\frac{19}{150}$	$\frac{1}{4}$	$\frac{37}{75}$	$\Phi_{300}^7\ \Phi_{150}^3\ \Phi_{100}^7\ \Phi_{75}^4\ \Phi_{60}^7\ \Phi_{50}^3\ \Phi_{30}^3\ \Phi_{25}^4\ \Phi_{20}^7\ \Phi_{15}^4\ \Phi_{12}^7\ \Phi_{10}^3\ \Phi_{6}^3\ \Phi_{5}^4\ \Phi_{4}^6\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
112059	1572	3354	$\frac{2}{129}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{127}{258}$	$\Phi_{3354}\ \Phi_{1118}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
112060	1572	2288	$\frac{1}{44}$	$\frac{1}{13}$	$\frac{45}{176}$	$\frac{43}{88}$	$\Phi_{2288}\ \Phi_{572}\ \Phi_{286}\ \Phi_{208}\ \Phi_{143}\ \Phi_{52}\ \Phi_{26}$
112061	1572	3328	$\frac{3}{128}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{125}{256}$	$\Phi_{3328}\ \Phi_{52}\ \Phi_{26}$
112062	1572	1020	$\frac{7}{255}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{124}{255}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{204}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{60}^3\ \Phi_{34}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
112063	1572	140	$\frac{1}{35}$	$\frac{9}{140}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{140}^{11}\ \Phi_{70}^{11}\ \Phi_{35}^{12}\ \Phi_{28}^{11}\ \Phi_{20}^{11}\ \Phi_{14}^{11}\ \Phi_{10}^{11}\ \Phi_{7}^{12}\ \Phi_{5}^{12}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
112064	1572	252	$\frac{5}{126}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{121}{252}$	$\Phi_{252}^4\ \Phi_{126}^8\ \Phi_{84}^5\ \Phi_{63}^8\ \Phi_{42}^9\ \Phi_{36}^4\ \Phi_{28}^5\ \Phi_{21}^8\ \Phi_{18}^8\ \Phi_{14}^9\ \Phi_{12}^5\ \Phi_{9}^8\ \Phi_{7}^8\ \Phi_{6}^9\ \Phi_{4}^4\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^8$
112065	1572	3276	$\frac{5}{126}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{121}{252}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
112066	1572	1100	$\frac{1}{25}$	$\frac{13}{275}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{1100}^2\ \Phi_{550}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{100}\ \Phi_{50}\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{20}\ \Phi_{10}$
112067	1572	1092	$\frac{11}{273}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{156}^2\ \Phi_{84}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{42}\ \Phi_{28}\ \Phi_{26}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
112068	1572	500	$\frac{1}{25}$	$\frac{6}{125}$	$\frac{1}{4}$	$\frac{119}{250}$	$\Phi_{500}^4\ \Phi_{125}^4\ \Phi_{100}^5\ \Phi_{50}\ \Phi_{25}^4\ \Phi_{20}^5\ \Phi_{10}\ \Phi_{5}^4\ \Phi_{4}^4\ \Phi_{1}^4$
112069	1572	540	$\frac{4}{135}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^3\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
112070	1572	980	$\frac{1}{35}$	$\frac{17}{245}$	$\frac{1}{4}$	$\frac{114}{245}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{196}^2\ \Phi_{140}^3\ \Phi_{98}^2\ \Phi_{70}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_{4}^2\ \Phi_{2}^2$
112071	1572	3146	$\frac{1}{13}$	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{111}{242}$	$\Phi_{3146}\ \Phi_{286}\ \Phi_{143}\ \Phi_{26}$
112072	1572	1872	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{13}{144}$	$\frac{11}{24}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
112073	1572	2145	$\frac{1}{65}$	$\frac{1}{11}$	$\frac{64}{195}$	$\frac{5}{11}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{195}^2\ \Phi_{165}\ \Phi_{39}^2\ \Phi_{33}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{3}^2\ \Phi_{1}^2$
112074	1572	1485	$\frac{4}{135}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}^2\ \Phi_{99}\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
112075	1572	1716	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{25}{156}$	$\frac{5}{11}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{156}^2\ \Phi_{132}\ \Phi_{78}^2\ \Phi_{66}\ \Phi_{52}^2\ \Phi_{44}\ \Phi_{39}^2\ \Phi_{33}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
112076	1572	1540	$\frac{9}{140}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{11}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{140}^2\ \Phi_{77}\ \Phi_{70}^2\ \Phi_{44}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
112077	1572	143	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{143}^{11}\ \Phi_{13}^{10}\ \Phi_{11}^{12}\ \Phi_1^{12}$
112078	1572	3120	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{109}{240}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{208}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
112079	1572	532	$\frac{2}{133}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{532}^4\ \Phi_{266}^4\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_4^2\ \Phi_2^2$
112080	1572	900	$\frac{1}{75}$	$\frac{37}{225}$	$\frac{1}{4}$	$\frac{94}{225}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^3\ \Phi_{180}^2\ \Phi_{150}^3\ \Phi_{100}^3\ \Phi_{90}^2\ \Phi_{60}^3\ \Phi_{50}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
112081	1572	2860	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{21}{110}$	$\frac{89}{220}$	$\Phi_{2860}\ \Phi_{572}\ \Phi_{286}\ \Phi_{260}\ \Phi_{143}\ \Phi_{52}\ \Phi_{26}$
112082	1572	660	$\frac{1}{132}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^4\ \Phi_{110}^2\ \Phi_{66}^4\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}^4\ \Phi_{33}^4\ \Phi_{30}^2\ \Phi_{22}^4\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{11}^4\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
112083	1572	1060	$\frac{3}{265}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1060}^2\ \Phi_{530}^2\ \Phi_{212}^2\ \Phi_{106}^2\ \Phi_{20}\ \Phi_{10}$
112084	1572	870	$\frac{1}{87}$	$\frac{1}{5}$	$\frac{43}{174}$	$\frac{2}{5}$	$\Phi_{870}^2\ \Phi_{435}\ \Phi_{290}^2\ \Phi_{174}^4\ \Phi_{145}\ \Phi_{87}^2\ \Phi_{58}^4\ \Phi_{30}^2\ \Phi_{29}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
112085	1572	135	$\frac{4}{135}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{135}^{12}\ \Phi_{45}^{11}\ \Phi_{27}^{12}\ \Phi_{15}^{11}\ \Phi_9^{10}\ \Phi_5^{12}\ \Phi_3^{10}\ \Phi_1^{12}$
112086	1572	145	$\frac{1}{29}$	$\frac{14}{145}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{145}^{11}\ \Phi_{29}^{10}\ \Phi_5^{12}\ \Phi_1^{12}$
112087	1572	1716	$\frac{1}{132}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{286}\ \Phi_{156}\ \Phi_{143}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
112088	1572	420	$\frac{1}{105}$	$\frac{26}{105}$	$\frac{1}{4}$	$\frac{79}{210}$	$\Phi_{420}^5\ \Phi_{210}\ \Phi_{140}^5\ \Phi_{105}^4\ \Phi_{84}^5\ \Phi_{70}\ \Phi_{60}^5\ \Phi_{42}\ \Phi_{35}^4\ \Phi_{30}\ \Phi_{28}^5\ \Phi_{21}^4\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{14}\ \Phi_{12}^5\ \Phi_{10}\ \Phi_7^4\ \Phi_6\ \Phi_5^4\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
112089	1572	1768	$\frac{5}{136}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{442}\ \Phi_{221}\ \Phi_{52}\ \Phi_{26}$
112090	1572	2574	$\frac{1}{33}$	$\frac{1}{13}$	$\frac{32}{99}$	$\frac{67}{198}$	$\Phi_{2574}\ \Phi_{858}\ \Phi_{429}\ \Phi_{286}\ \Phi_{234}\ \Phi_{143}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
112091	1572	1571	$\frac{8}{1571}$	$\frac{521}{1571}$	$\frac{523}{1571}$	$\frac{525}{1571}$	$\Phi_{1571}\ \Phi_1^2$
112092	1572	2361	$\frac{4}{787}$	$\frac{261}{787}$	$\frac{1}{3}$	$\frac{263}{787}$	Φ_{2361}
112093	1572	588	$\frac{1}{196}$	$\frac{65}{196}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^4\ \Phi_{147}^2\ \Phi_{98}^4\ \Phi_{84}^2\ \Phi_{49}^4\ \Phi_{42}^2\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_7^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
112094	1572	132	$\frac{1}{132}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{132}^{12}\ \Phi_{66}^{12}\ \Phi_{44}^{12}\ \Phi_{33}^{12}\ \Phi_{22}^{12}\ \Phi_{12}^{11}\ \Phi_{11}^{12}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
112095	1572	1470	$\frac{1}{98}$	$\frac{97}{490}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}^2\ \Phi_{245}^2\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
112096	1572	399	$\frac{2}{133}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{399}^3\ \Phi_{133}^6\ \Phi_{57}^3\ \Phi_{21}^2\ \Phi_{19}^6\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
112097	1572	1200	$\frac{7}{400}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}^2\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}^2\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
112098	1572	1344	$\frac{1}{56}$	$\frac{55}{448}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}^2\ \Phi_{336}\ \Phi_{224}^2\ \Phi_{192}\ \Phi_{112}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
112099	1572	147	$\frac{1}{49}$	$\frac{16}{147}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{147}^{11}\ \Phi_{49}^{10}\ \Phi_{21}^{11}\ \Phi_7^{10}\ \Phi_3^{12}\ \Phi_1^{12}$
112100	1572	1218	$\frac{13}{406}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{406}^2\ \Phi_{203}^2\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_3\ \Phi_1^2$
112101	1572	420	$\frac{1}{28}$	$\frac{9}{140}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^6\ \Phi_{105}^3\ \Phi_{84}^2\ \Phi_{70}^6\ \Phi_{60}^3\ \Phi_{42}^2\ \Phi_{35}^6\ \Phi_{30}^3\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{20}^6\ \Phi_{15}^3\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_{10}^6\ \Phi_7^4\ \Phi_6^2\ \Phi_5^6\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
112102	1572	3132	$\frac{2}{261}$	$\frac{1}{4}$	$\frac{259}{783}$	$\frac{1}{3}$	$\Phi_{3132}\ \Phi_{1566}\ \Phi_{108}\ \Phi_{54}\ \Phi_{12}\ \Phi_6$
112103	1572	1365	$\frac{1}{65}$	$\frac{1}{7}$	$\frac{64}{195}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}^2\ \Phi_{273}\ \Phi_{105}\ \Phi_{91}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_7^2$
112104	1572	348	$\frac{1}{87}$	$\frac{43}{174}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{348}^6\ \Phi_{174}^2\ \Phi_{116}^6\ \Phi_{87}^4\ \Phi_{58}^2\ \Phi_{29}^4\ \Phi_{12}^7\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
112105	1572	2124	$\frac{7}{531}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2124}\ \Phi_{1062}\ \Phi_{708}\ \Phi_{354}\ \Phi_{236}\ \Phi_{118}\ \Phi_{12}\ \Phi_6$
112106	1572	2436	$\frac{2}{87}$	$\frac{85}{609}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{812}\ \Phi_{406}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
112107	1572	540	$\frac{4}{135}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{54}^4\ \Phi_{36}^2\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
112108	1572	1740	$\frac{1}{29}$	$\frac{14}{145}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1740}^2\ \Phi_{870}^2\ \Phi_{348}\ \Phi_{174}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{12}^2\ \Phi_{6}^2$
112109	1572	945	$\frac{4}{135}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{7}^2$
112110	1572	1092	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{25}{156}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{7}^2$
112111	1572	420	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{420}^6\ \Phi_{210}^5\ \Phi_{105}^5\ \Phi_{84}^6\ \Phi_{60}^6\ \Phi_{42}^5\ \Phi_{30}^6\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{6}^6\ \Phi_{3}^6$
112112	1572	3003	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{3003}\ \Phi_{231}\ \Phi_{21}$
112113	1572	2700	$\frac{1}{75}$	$\frac{151}{675}$	$\frac{1}{4}$	$\frac{74}{225}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{540}\ \Phi_{300}\ \Phi_{270}\ \Phi_{150}\ \Phi_{108}\ \Phi_{100}\ \Phi_{60}\ \Phi_{54}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
112114	1572	2145	$\frac{1}{65}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{64}{195}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{195}^2\ \Phi_{165}\ \Phi_{39}^2\ \Phi_{33}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{3}^2\ \Phi_{1}^2$
112115	1572	780	$\frac{1}{65}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{64}{195}$	$\Phi_{780}^4\ \Phi_{390}^4\ \Phi_{156}^4\ \Phi_{78}^4\ \Phi_{60}^4\ \Phi_{30}^4\ \Phi_{20}\ \Phi_{12}^4\ \Phi_{10}\ \Phi_{6}^4$
112116	1572	3108	$\frac{6}{259}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{253}{777}$	$\Phi_{3108}\ \Phi_{1554}\ \Phi_{444}\ \Phi_{222}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
112117	1572	2496	$\frac{3}{64}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{61}{192}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
112118	1572	2268	$\frac{1}{21}$	$\frac{43}{567}$	$\frac{1}{4}$	$\frac{20}{63}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{378}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{84}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
112119	1572	3060	$\frac{14}{255}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{241}{765}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{612}\ \Phi_{306}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
112120	1572	756	$\frac{1}{21}$	$\frac{5}{63}$	$\frac{1}{4}$	$\frac{58}{189}$	$\Phi_{756}^4\ \Phi_{378}^4\ \Phi_{108}^4\ \Phi_{84}\ \Phi_{54}^4\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
112121	1572	1500	$\frac{1}{25}$	$\frac{12}{125}$	$\frac{1}{4}$	$\frac{113}{375}$	$\Phi_{1500}^2\ \Phi_{750}^2\ \Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}\ \Phi_{60}^2\ \Phi_{50}\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{6}^2$
112122	1572	2940	$\frac{1}{35}$	$\frac{34}{245}$	$\frac{1}{4}$	$\frac{211}{735}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{588}\ \Phi_{420}\ \Phi_{294}\ \Phi_{210}\ \Phi_{140}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
112123	1572	1872	$\frac{1}{13}$	$\frac{13}{144}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
112124	1572	1485	$\frac{4}{135}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}^2\ \Phi_{99}\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^2$
112125	1572	1716	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{156}^2\ \Phi_{132}\ \Phi_{78}^2\ \Phi_{66}\ \Phi_{52}^2\ \Phi_{44}\ \Phi_{39}^2\ \Phi_{33}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
112126	1572	1540	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{140}^2\ \Phi_{77}\ \Phi_{70}^2\ \Phi_{44}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{1}^2$
112127	1572	143	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{143}^{11}\ \Phi_{13}^{10}\ \Phi_{11}^{12}\ \Phi_{1}^{12}$
112128	1572	2340	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{180}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
112129	1572	700	$\frac{3}{175}$	$\frac{43}{175}$	$\frac{1}{4}$	$\frac{44}{175}$	$\Phi_{700}^3\ \Phi_{350}^3\ \Phi_{140}^3\ \Phi_{100}^3\ \Phi_{70}^3\ \Phi_{50}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_{4}^2\ \Phi_{2}^2$
112130	1572	300	$\frac{1}{25}$	$\frac{19}{150}$	$\frac{6}{25}$	$\frac{1}{4}$	$\Phi_{300}^8\ \Phi_{150}^4\ \Phi_{100}^5\ \Phi_{75}^4\ \Phi_{60}^8\ \Phi_{50}\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_{10}\ \Phi_{6}^4\ \Phi_{5}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{1}^4$
112131	1572	588	$\frac{1}{21}$	$\frac{16}{147}$	$\frac{5}{21}$	$\frac{1}{4}$	$\Phi_{588}^4\ \Phi_{294}^4\ \Phi_{196}^4\ \Phi_{98}^4\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
112132	1572	140	$\frac{9}{140}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{4}$	$\Phi_{140}^{11}\ \Phi_{70}^{11}\ \Phi_{35}^{12}\ \Phi_{28}^{11}\ \Phi_{20}^{11}\ \Phi_{14}^{11}\ \Phi_{10}^{11}\ \Phi_{7}^{12}\ \Phi_{5}^{12}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
112133	1572	168	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{37}{168}$	$\frac{1}{4}$	$\Phi_{168}^{12}\ \Phi_{84}^{5}\ \Phi_{56}^{12}\ \Phi_{42}^{9}\ \Phi_{28}^{5}\ \Phi_{24}^{12}\ \Phi_{21}^{8}\ \Phi_{14}^{9}\ \Phi_{12}^{5}\ \Phi_{8}^{12}\ \Phi_{7}^{8}\ \Phi_{6}^{9}\ \Phi_{4}^{4}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
112134	1572	540	$\frac{4}{135}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{10}\ \Phi_{6}^4$
112135	1572	1300	$\frac{2}{65}$	$\frac{63}{325}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1300}^2\ \Phi_{650}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{20}\ \Phi_{10}$
112136	1572	780	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{260}\ \Phi_{195}^3\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_{5}^2$
112137	1572	2340	$\frac{4}{65}$	$\frac{61}{585}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{468}\ \Phi_{390}\ \Phi_{234}\ \Phi_{180}\ \Phi_{156}\ \Phi_{90}\ \Phi_{78}\ \Phi_{60}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
112138	1572	140	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^{12}\ \Phi_{70}^{12}\ \Phi_{35}^{12}\ \Phi_{28}^{12}\ \Phi_{20}^{5}\ \Phi_{14}^{12}\ \Phi_{10}^{9}\ \Phi_{7}^{12}\ \Phi_{5}^{8}\ \Phi_{4}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
112139	1572	2860	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2860}\ \Phi_{1430}\ \Phi_{220}\ \Phi_{110}\ \Phi_{20}\ \Phi_{10}$
112140	1572	2500	$\frac{1}{25}$	$\frac{101}{625}$	$\frac{24}{125}$	$\frac{1}{4}$	$\Phi_{2500}\ \Phi_{1250}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
112141	1572	1872	$\frac{1}{13}$	$\frac{13}{144}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
112142	1572	2080	$\frac{1}{13}$	$\frac{3}{32}$	$\frac{29}{160}$	$\frac{1}{4}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
112143	1572	1260	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{53}{315}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{90}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
112144	1572	2184	$\frac{1}{13}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{168}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{364}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
112145	1573	3136	$\frac{5}{1568}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1563}{3136}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{64}\ \Phi_8\ \Phi_1$
112146	1573	2100	$\frac{2}{525}$	$\frac{527}{2100}$	$\frac{1}{3}$	$\frac{523}{1050}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{175}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
112147	1573	3132	$\frac{7}{1566}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1559}{3132}$	$\Phi_{3132}\ \Phi_{1044}\ \Phi_{348}\ \Phi_{116}\ \Phi_{108}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
112148	1573	1890	$\frac{2}{315}$	$\frac{317}{1890}$	$\frac{1}{3}$	$\frac{313}{630}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{63}\ \Phi_{54}\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_1$
112149	1573	1420	$\frac{1}{142}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{141}{284}$	$\Phi_{710}^2\ \Phi_{355}^2\ \Phi_{284}\ \Phi_{142}^2\ \Phi_{71}^2\ \Phi_{20}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
112150	1573	4260	$\frac{1}{142}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{141}{284}$	$\Phi_{4260}\ \Phi_{852}\ \Phi_{284}\ \Phi_{60}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
112151	1573	240	$\frac{1}{120}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{119}{240}$	$\Phi_{240}^{13}\ \Phi_{80}^{13}\ \Phi_{48}^{13}\ \Phi_{24}\ \Phi_{16}^{13}\ \Phi_8\ \Phi_1$
112152	1573	240	$\frac{1}{120}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{119}{240}$	$\Phi_{240}^{13}\ \Phi_{80}^{13}\ \Phi_{48}^{13}\ \Phi_{16}^{13}\ \Phi_{15}\ \Phi_5\ \Phi_1$
112153	1573	720	$\frac{1}{120}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{119}{240}$	$\Phi_{720}^6\ \Phi_{240}\ \Phi_{144}^6\ \Phi_{80}\ \Phi_{48}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
112154	1573	240	$\frac{1}{120}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{119}{240}$	$\Phi_{240}^5\ \Phi_{120}^8\ \Phi_{80}^5\ \Phi_{60}^8\ \Phi_{48}^5\ \Phi_{40}^8\ \Phi_{30}^8\ \Phi_{24}^8\ \Phi_{20}^8\ \Phi_{16}^6\ \Phi_{15}^8\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_8^9\ \Phi_6^8\ \Phi_5^8\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
112155	1573	1800	$\frac{2}{225}$	$\frac{227}{1800}$	$\frac{1}{3}$	$\frac{223}{450}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
112156	1573	3108	$\frac{19}{1554}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1535}{3108}$	$\Phi_{3108}\ \Phi_{1036}\ \Phi_{444}\ \Phi_{148}\ \Phi_{84}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
112157	1573	564	$\frac{2}{141}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{139}{282}$	$\Phi_{564}^3\ \Phi_{282}^2\ \Phi_{188}^3\ \Phi_{141}^3\ \Phi_{94}^2\ \Phi_{47}^3\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
112158	1573	3096	$\frac{25}{1548}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1523}{3096}$	$\Phi_{3096}\ \Phi_{1032}\ \Phi_{344}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
112159	1573	1680	$\frac{2}{105}$	$\frac{107}{1680}$	$\frac{1}{3}$	$\frac{103}{210}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
112160	1573	192	$\frac{1}{48}$	$\frac{1}{12}$	$\frac{49}{192}$	$\frac{47}{96}$	$\Phi_{192}^{11}\ \Phi_{64}^{11}\ \Phi_{48}^{11}\ \Phi_{24}^{11}\ \Phi_{16}^{11}\ \Phi_{12}^{10}\ \Phi_8^{11}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
112161	1573	840	$\frac{3}{140}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{137}{280}$	$\Phi_{840}^4\ \Phi_{280}^3\ \Phi_{168}^4\ \Phi_{120}^4\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
112162	1573	3072	$\frac{37}{1536}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1499}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
112163	1573	150	$\frac{2}{75}$	$\frac{7}{150}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{150}^{10}\ \Phi_{75}^{11}\ \Phi_{50}^{10}\ \Phi_{30}^{10}\ \Phi_{25}^{11}\ \Phi_{15}^{11}\ \Phi_{10}^{10}\ \Phi_6^{10}\ \Phi_5^{11}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
112164	1573	3060	$\frac{43}{1530}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{1487}{3060}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{204}\ \Phi_{180}\ \Phi_{68}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
112165	1573	126	$\frac{2}{63}$	$\frac{5}{126}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{126}^{12}\ \Phi_{63}^{13}\ \Phi_{42}^{12}\ \Phi_{21}^{13}\ \Phi_{18}^{12}\ \Phi_{14}^{12}\ \Phi_9^{13}\ \Phi_7^{13}\ \Phi_6^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
112166	1573	276	$\frac{5}{138}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{133}{276}$	$\Phi_{276}^5\ \Phi_{138}^6\ \Phi_{92}^5\ \Phi_{69}^6\ \Phi_{46}^6\ \Phi_{23}^6\ \Phi_{12}^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
112167	1573	3024	$\frac{2}{63}$	$\frac{61}{1512}$	$\frac{1}{3}$	$\frac{1451}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{63}\ \Phi_{48}\ \Phi_{21}\ \Phi_{16}\ \Phi_9\ \Phi_7\ \Phi_1$
112168	1573	3024	$\frac{61}{1512}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1451}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
112169	1573	1620	$\frac{47}{1620}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
112170	1573	147	$\frac{4}{147}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{147}^{11}\ \Phi_{49}^{11}\ \Phi_{21}^9\ \Phi_7^9\ \Phi_3^8\ \Phi_1^9$
112171	1573	3000	$\frac{2}{75}$	$\frac{73}{1500}$	$\frac{1}{3}$	$\frac{1427}{3000}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{200}\ \Phi_{120}\ \Phi_{75}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
112172	1573	816	$\frac{7}{136}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{129}{272}$	$\Phi_{816}^4\ \Phi_{272}^3\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
112173	1573	540	$\frac{8}{135}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{127}{270}$	$\Phi_{540}^3\ \Phi_{270}^2\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{90}^2\ \Phi_{60}^3\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{36}^6\ \Phi_{30}^2\ \Phi_{27}^3\ \Phi_{20}^3\ \Phi_{18}^5\ \Phi_{15}^3\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_9^5\ \Phi_6^4\ \Phi_5^3\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
112174	1573	480	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{17}{160}$	$\frac{15}{32}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^3\ \Phi_{120}^4\ \Phi_{80}^3\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^3\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
112175	1573	131	$\frac{9}{131}$	$\frac{10}{131}$	$\frac{14}{131}$	$\frac{61}{131}$	$\Phi_{131}^{12}\ \Phi_1^{13}$
112176	1573	2940	$\frac{2}{105}$	$\frac{103}{1470}$	$\frac{1}{3}$	$\frac{1367}{2940}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{196}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
112177	1573	1728	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{155}{1728}$	$\frac{133}{288}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
112178	1573	984	$\frac{2}{123}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{984}^3\ \Phi_{328}^3\ \Phi_{123}\ \Phi_{41}\ \Phi_{24}\ \Phi_8\ \Phi_1$
112179	1573	360	$\frac{1}{60}$	$\frac{1}{12}$	$\frac{59}{180}$	$\frac{11}{24}$	$\Phi_{360}^{12}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}^{12}\ \Phi_{45}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
112180	1573	744	$\frac{3}{124}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{744}^4\ \Phi_{248}^4\ \Phi_{124}\ \Phi_{62}\ \Phi_{31}\ \Phi_{24}\ \Phi_8\ \Phi_1$
112181	1573	480	$\frac{1}{40}$	$\frac{1}{12}$	$\frac{39}{160}$	$\frac{11}{24}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^5\ \Phi_{96}^4\ \Phi_{80}^5\ \Phi_{48}^4\ \Phi_{32}^5\ \Phi_{24}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
112182	1573	3000	$\frac{4}{125}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{200}\ \Phi_{125}\ \Phi_{25}\ \Phi_{24}\ \Phi_8\ \Phi_1$
112183	1573	600	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{29}{150}$	$\frac{11}{24}$	$\Phi_{600}^6\ \Phi_{200}^6\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{24}\ \Phi_8\ \Phi_1$
112184	1573	504	$\frac{5}{126}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{504}^6\ \Phi_{168}^6\ \Phi_{126}\ \Phi_{72}^6\ \Phi_{63}\ \Phi_{56}^6\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
112185	1573	144	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{23}{144}$	$\frac{11}{24}$	$\Phi_{144}^{13}\ \Phi_{72}^{13}\ \Phi_{48}^{13}\ \Phi_{36}^{13}\ \Phi_{24}\ \Phi_{18}^{13}\ \Phi_{16}^{13}\ \Phi_9^{13}\ \Phi_8\ \Phi_1$
112186	1573	840	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{19}{140}$	$\frac{11}{24}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{168}^4\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}^4\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
112187	1573	384	$\frac{7}{128}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{384}^4\ \Phi_{192}^4\ \Phi_{128}^5\ \Phi_{96}^4\ \Phi_{64}^5\ \Phi_{48}^4\ \Phi_{32}^5\ \Phi_{24}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
112188	1573	1680	$\frac{107}{1680}$	$\frac{1}{12}$	$\frac{13}{120}$	$\frac{11}{24}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
112189	1573	1080	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{14}{135}$	$\frac{11}{24}$	$\Phi_{1080}^3\ \Phi_{360}^3\ \Phi_{216}^3\ \Phi_{135}\ \Phi_{72}^3\ \Phi_{45}\ \Phi_{27}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
112190	1573	1560	$\frac{9}{130}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{24}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}^2\ \Phi_{130}\ \Phi_{104}^2\ \Phi_{65}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_8\ \Phi_1$
112191	1573	24	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{24}$	$\Phi_{24}^{121}\ \Phi_{12}^{10}\ \Phi_8^{121}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
112192	1573	2880	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{133}{1440}$	$\frac{1307}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
112193	1573	1596	$\frac{23}{1596}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{228}\ \Phi_{133}\ \Phi_{114}\ \Phi_{84}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{28}\ \Phi_{21}\ \Phi_{19}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
112194	1573	4260	$\frac{1}{71}$	$\frac{1}{10}$	$\frac{70}{213}$	$\frac{9}{20}$	$\Phi_{4260}\ \Phi_{852}\ \Phi_{213}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
112195	1573	1420	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1420}^2\ \Phi_{284}^2\ \Phi_{71}^2\ \Phi_{20}^3\ \Phi_4^3\ \Phi_1^3$
112196	1573	420	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^2\ \Phi_{105}^4\ \Phi_{84}^6\ \Phi_{70}^4\ \Phi_{60}^2\ \Phi_{42}^6\ \Phi_{35}^4\ \Phi_{30}^2\ \Phi_{28}^4\ \Phi_{21}^6\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{14}^5\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_7^5\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
112197	1573	768	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{15}{128}$	$\frac{113}{256}$	$\Phi_{768}^4\ \Phi_{256}^3\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
112198	1573	1590	$\frac{17}{1590}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{530}\ \Phi_{318}\ \Phi_{265}\ \Phi_{159}\ \Phi_{106}\ \Phi_{53}\ \Phi_{15}\ \Phi_5\ \Phi_1$
112199	1573	252	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{17}{126}$	$\frac{109}{252}$	$\Phi_{252}^5\ \Phi_{126}^6\ \Phi_{84}^5\ \Phi_{63}^6\ \Phi_{42}^6\ \Phi_{36}^{11}\ \Phi_{28}^5\ \Phi_{21}^6\ \Phi_{18}^{11}\ \Phi_{14}^6\ \Phi_{12}^{10}\ \Phi_9^{11}\ \Phi_7^6\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
112200	1573	2700	$\frac{2}{225}$	$\frac{223}{1350}$	$\frac{1}{3}$	$\frac{1127}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{108}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
112201	1573	240	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{23}{120}$	$\frac{97}{240}$	$\Phi_{240}^{11}\ \Phi_{80}^{11}\ \Phi_{48}^{11}\ \Phi_{24}^{11}\ \Phi_{16}^{11}\ \Phi_{12}^{10}\ \Phi_8^{11}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
112202	1573	144	$\frac{1}{144}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{144}^{11}\ \Phi_{72}^{11}\ \Phi_{48}^{11}\ \Phi_{36}^{11}\ \Phi_{24}^{11}\ \Phi_{18}^{10}\ \Phi_{16}^{11}\ \Phi_{12}^{11}\ \Phi_9^{11}\ \Phi_8^{11}\ \Phi_6^{10}\ \Phi_4^{11}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
112203	1573	1632	$\frac{59}{1632}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_1$
112204	1573	2520	$\frac{2}{315}$	$\frac{313}{1260}$	$\frac{1}{3}$	$\frac{947}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
112205	1573	2352	$\frac{5}{784}$	$\frac{1}{4}$	$\frac{779}{2352}$	$\frac{3}{8}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
112206	1573	144	$\frac{1}{144}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{144}^{11}\ \Phi_{72}^{11}\ \Phi_{48}^{11}\ \Phi_{36}^{11}\ \Phi_{24}^{11}\ \Phi_{18}^{11}\ \Phi_{16}^{10}\ \Phi_{12}^{11}\ \Phi_{9}^{11}\ \Phi_{8}^{11}\ \Phi_{6}^{11}\ \Phi_{4}^{10}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
112207	1573	1960	$\frac{5}{392}$	$\frac{387}{1960}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{280}\ \Phi_{245}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
112208	1573	1600	$\frac{27}{1600}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{64}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
112209	1573	1792	$\frac{5}{224}$	$\frac{219}{1792}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{8}\ \Phi_{1}$
112210	1573	1624	$\frac{51}{1624}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1624}\ \Phi_{812}\ \Phi_{406}\ \Phi_{232}\ \Phi_{203}\ \Phi_{116}\ \Phi_{58}\ \Phi_{29}\ \Phi_{8}\ \Phi_{1}$
112211	1573	1680	$\frac{5}{112}$	$\frac{107}{1680}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
112212	1573	216	$\frac{1}{36}$	$\frac{1}{12}$	$\frac{35}{108}$	$\frac{73}{216}$	$\Phi_{216}^{11}\ \Phi_{72}^{11}\ \Phi_{36}^{11}\ \Phi_{24}^{11}\ \Phi_{18}^{11}\ \Phi_{12}^{10}\ \Phi_{9}^{11}\ \Phi_{8}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
112213	1573	615	$\frac{2}{123}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{615}^{3}\ \Phi_{205}^{3}\ \Phi_{123}\ \Phi_{41}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
112214	1573	2025	$\frac{2}{225}$	$\frac{452}{2025}$	$\frac{223}{675}$	$\frac{1}{3}$	$\Phi_{2025}\ \Phi_{405}\ \Phi_{225}\ \Phi_{81}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
112215	1573	2349	$\frac{7}{783}$	$\frac{2}{9}$	$\frac{776}{2349}$	$\frac{1}{3}$	$\Phi_{2349}\ \Phi_{81}\ \Phi_{9}\ \Phi_{1}$
112216	1573	180	$\frac{1}{60}$	$\frac{2}{15}$	$\frac{59}{180}$	$\frac{1}{3}$	$\Phi_{180}^{13}\ \Phi_{90}^{13}\ \Phi_{45}^{13}\ \Phi_{36}^{13}\ \Phi_{18}^{13}\ \Phi_{15}\ \Phi_{9}^{13}\ \Phi_{5}\ \Phi_{1}$
112217	1573	2331	$\frac{19}{777}$	$\frac{2}{21}$	$\frac{758}{2331}$	$\frac{1}{3}$	$\Phi_{2331}\ \Phi_{333}\ \Phi_{63}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
112218	1573	1701	$\frac{2}{63}$	$\frac{128}{1701}$	$\frac{61}{189}$	$\frac{1}{3}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{243}\ \Phi_{81}\ \Phi_{63}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
112219	1573	2295	$\frac{2}{45}$	$\frac{43}{765}$	$\frac{722}{2295}$	$\frac{1}{3}$	$\Phi_{2295}\ \Phi_{459}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
112220	1573	2268	$\frac{2}{63}$	$\frac{61}{756}$	$\frac{695}{2268}$	$\frac{1}{3}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{63}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
112221	1573	2250	$\frac{2}{75}$	$\frac{73}{750}$	$\frac{677}{2250}$	$\frac{1}{3}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{450}\ \Phi_{225}\ \Phi_{90}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
112222	1573	2205	$\frac{2}{105}$	$\frac{103}{735}$	$\frac{632}{2205}$	$\frac{1}{3}$	$\Phi_{2205}\ \Phi_{441}\ \Phi_{315}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
112223	1573	738	$\frac{2}{123}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{738}^{3}\ \Phi_{369}^{3}\ \Phi_{123}\ \Phi_{41}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
112224	1573	435	$\frac{2}{145}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{435}^{3}\ \Phi_{145}^{5}\ \Phi_{87}^{3}\ \Phi_{29}^{5}\ \Phi_{15}^{2}\ \Phi_{5}^{3}\ \Phi_{3}\ \Phi_{1}^{3}$
112225	1573	1593	$\frac{20}{1593}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1593}\ \Phi_{531}\ \Phi_{177}\ \Phi_{59}\ \Phi_{9}\ \Phi_{1}$
112226	1573	1968	$\frac{2}{123}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{328}\ \Phi_{123}\ \Phi_{41}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
112227	1573	1860	$\frac{3}{124}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{465}\ \Phi_{310}\ \Phi_{155}\ \Phi_{124}\ \Phi_{62}\ \Phi_{31}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
112228	1573	2088	$\frac{7}{522}$	$\frac{2}{9}$	$\frac{515}{2088}$	$\frac{1}{3}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{116}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
112229	1573	480	$\frac{1}{40}$	$\frac{2}{15}$	$\frac{39}{160}$	$\frac{1}{3}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{5}\ \Phi_{96}^{4}\ \Phi_{80}^{5}\ \Phi_{48}^{4}\ \Phi_{32}^{5}\ \Phi_{16}^{5}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
112230	1573	1800	$\frac{2}{75}$	$\frac{227}{1800}$	$\frac{73}{300}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
112231	1573	1764	$\frac{2}{63}$	$\frac{191}{1764}$	$\frac{61}{252}$	$\frac{1}{3}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{63}\ \Phi_{49}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
112232	1573	1827	$\frac{7}{261}$	$\frac{254}{1827}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{203}\ \Phi_{63}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
112233	1573	1620	$\frac{47}{1620}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
112234	1573	2016	$\frac{2}{63}$	$\frac{61}{504}$	$\frac{443}{2016}$	$\frac{1}{3}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{63}\ \Phi_{48}\ \Phi_{32}\ \Phi_{21}\ \Phi_{16}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
112235	1573	1620	$\frac{47}{1620}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{81}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
112236	1573	375	$\frac{4}{125}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{375}^{4}\ \Phi_{125}^{5}\ \Phi_{75}^{4}\ \Phi_{25}^{5}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
112237	1573	1875	$\frac{2}{75}$	$\frac{302}{1875}$	$\frac{73}{375}$	$\frac{1}{3}$	$\Phi_{1875}\ \Phi_{625}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_1$
112238	1573	150	$\frac{1}{30}$	$\frac{2}{15}$	$\frac{29}{150}$	$\frac{1}{3}$	$\Phi_{150}^{13}\ \Phi_{75}^{13}\ \Phi_{50}^{13}\ \Phi_{25}^{13}\ \Phi_{15}\ \Phi_5\ \Phi_1$
112239	1573	1890	$\frac{2}{63}$	$\frac{61}{378}$	$\frac{317}{1890}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{135}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_1$
112240	1573	630	$\frac{5}{126}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}^{3}\ \Phi_{126}\ \Phi_{105}^{3}\ \Phi_{90}^{3}\ \Phi_{70}^{3}\ \Phi_{63}\ \Phi_{45}^{3}\ \Phi_{42}\ \Phi_{35}^{3}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_1$
112241	1573	720	$\frac{1}{24}$	$\frac{2}{15}$	$\frac{23}{144}$	$\frac{1}{3}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{3}\ \Phi_{180}^{3}\ \Phi_{144}\ \Phi_{90}^{3}\ \Phi_{80}^{3}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}^{3}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
112242	1573	420	$\frac{1}{20}$	$\frac{2}{15}$	$\frac{19}{140}$	$\frac{1}{3}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{5}\ \Phi_{105}^{4}\ \Phi_{84}^{4}\ \Phi_{70}^{5}\ \Phi_{42}^{4}\ \Phi_{35}^{5}\ \Phi_{28}^{5}\ \Phi_{21}^{4}\ \Phi_{15}\ \Phi_{14}^{5}\ \Phi_7^{5}\ \Phi_5\ \Phi_1$
112243	1573	1920	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{15}\ \Phi_5\ \Phi_1$
112244	1573	1680	$\frac{107}{1680}$	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_{14}\ \Phi_7\ \Phi_5\ \Phi_1$
112245	1573	135	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{135}^{13}\ \Phi_{45}^{13}\ \Phi_{27}^{13}\ \Phi_{15}\ \Phi_9^{13}\ \Phi_5\ \Phi_1$
112246	1573	390	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{390}^{4}\ \Phi_{195}^{4}\ \Phi_{130}^{5}\ \Phi_{78}^{4}\ \Phi_{65}^{5}\ \Phi_{39}^{4}\ \Phi_{26}^{5}\ \Phi_{15}\ \Phi_{13}^{5}\ \Phi_5\ \Phi_1$
112247	1573	60	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{60}^{30}\ \Phi_{30}^{30}\ \Phi_{20}^{30}\ \Phi_{15}^{31}\ \Phi_{12}^{10}\ \Phi_{10}^{30}\ \Phi_6^{10}\ \Phi_5^{31}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
112248	1573	1065	$\frac{1}{71}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{70}{213}$	$\Phi_{1065}\ \Phi_{355}^{2}\ \Phi_{213}^{2}\ \Phi_{71}^{2}\ \Phi_{15}^{2}\ \Phi_5^{2}\ \Phi_3^{3}\ \Phi_1^{3}$
112249	1573	180	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{59}{180}$	$\Phi_{180}^{7}\ \Phi_{90}^{7}\ \Phi_{60}^{12}\ \Phi_{45}^{7}\ \Phi_{36}^{7}\ \Phi_{30}^{12}\ \Phi_{20}^{12}\ \Phi_{18}^{8}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_{10}^{12}\ \Phi_9^{8}\ \Phi_6^{12}\ \Phi_5^{12}\ \Phi_4^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
112250	1573	720	$\frac{1}{60}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{59}{180}$	$\Phi_{720}^{4}\ \Phi_{360}^{4}\ \Phi_{180}\ \Phi_{144}^{4}\ \Phi_{90}\ \Phi_{72}^{4}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
112251	1573	2304	$\frac{37}{768}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{731}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
112252	1573	48	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{3}{16}$	$\frac{5}{16}$	$\Phi_{48}^{36}\ \Phi_{24}^{36}\ \Phi_{16}^{27}\ \Phi_{12}^{35}\ \Phi_8^{27}\ \Phi_6^{35}\ \Phi_4^{26}\ \Phi_3^{35}\ \Phi_2^{26}\ \Phi_1^{27}$
112253	1573	324	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{19}{162}$	$\frac{8}{27}$	$\Phi_{324}^{6}\ \Phi_{162}^{5}\ \Phi_{108}^{3}\ \Phi_{81}^{5}\ \Phi_{54}^{2}\ \Phi_{36}^{6}\ \Phi_{27}^{3}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_9^{5}\ \Phi_6^{4}\ \Phi_4^{5}\ \Phi_3^{4}\ \Phi_2^{4}\ \Phi_1^{5}$
112254	1573	1728	$\frac{1}{12}$	$\frac{155}{1728}$	$\frac{11}{72}$	$\frac{61}{216}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
112255	1573	1116	$\frac{3}{124}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{1116}^{2}\ \Phi_{558}^{2}\ \Phi_{279}^{2}\ \Phi_{124}\ \Phi_{62}\ \Phi_{31}\ \Phi_{18}\ \Phi_9\ \Phi_1$
112256	1573	1440	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{39}{160}$	$\frac{5}{18}$	$\Phi_{1440}^{2}\ \Phi_{720}^{2}\ \Phi_{288}^{2}\ \Phi_{160}\ \Phi_{144}^{2}\ \Phi_{80}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
112257	1573	2250	$\frac{4}{125}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{450}\ \Phi_{225}\ \Phi_{125}\ \Phi_{25}\ \Phi_{18}\ \Phi_9\ \Phi_1$
112258	1573	450	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{29}{150}$	$\frac{5}{18}$	$\Phi_{450}^{6}\ \Phi_{225}^{6}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{18}\ \Phi_9\ \Phi_1$
112259	1573	126	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{126}^{13}\ \Phi_{63}^{13}\ \Phi_{42}^{13}\ \Phi_{21}^{13}\ \Phi_{18}^{8}\ \Phi_{14}^{13}\ \Phi_9^{8}\ \Phi_7^{13}\ \Phi_6^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
112260	1573	144	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{144}^{13}\ \Phi_{72}^{7}\ \Phi_{48}^{13}\ \Phi_{36}^{7}\ \Phi_{24}^{12}\ \Phi_{18}^{8}\ \Phi_{16}^{13}\ \Phi_{12}^{12}\ \Phi_9^{8}\ \Phi_8^{12}\ \Phi_6^{12}\ \Phi_4^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
112261	1573	1260	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{252}^{2}\ \Phi_{140}\ \Phi_{126}^{2}\ \Phi_{70}\ \Phi_{63}^{2}\ \Phi_{35}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
112262	1573	1152	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1152}^{2}\ \Phi_{576}^{2}\ \Phi_{288}^{2}\ \Phi_{144}^{2}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
112263	1573	270	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{270}^{6}\ \Phi_{135}^{7}\ \Phi_{90}^{3}\ \Phi_{54}^{6}\ \Phi_{45}^{4}\ \Phi_{30}^{6}\ \Phi_{27}^{7}\ \Phi_{18}^{4}\ \Phi_{15}^{6}\ \Phi_{10}^{6}\ \Phi_9^{5}\ \Phi_6^{6}\ \Phi_5^{6}\ \Phi_3^{6}\ \Phi_2^{6}\ \Phi_1^{7}$
112264	1573	1170	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1170}^{2}\ \Phi_{585}^{2}\ \Phi_{234}^{2}\ \Phi_{130}\ \Phi_{117}^{2}\ \Phi_{65}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_1$
112265	1573	36	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{36}^{60}\ \Phi_{18}^{61}\ \Phi_{12}^{10}\ \Phi_9^{61}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
112266	1573	2160	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{133}{720}$	$\frac{587}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
112267	1573	1065	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1065}^{2}\ \Phi_{213}^{2}\ \Phi_{71}^{2}\ \Phi_{15}^{3}\ \Phi_3^{3}\ \Phi_1^{3}$
112268	1573	420	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{420}^{4}\ \Phi_{210}^{3}\ \Phi_{140}^{4}\ \Phi_{105}^{3}\ \Phi_{84}^{6}\ \Phi_{70}^{4}\ \Phi_{60}^{2}\ \Phi_{42}^{5}\ \Phi_{35}^{4}\ \Phi_{30}\ \Phi_{28}^{6}\ \Phi_{21}^{5}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{5}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_7^{5}\ \Phi_6^{2}\ \Phi_5^{2}\ \Phi_4^{3}\ \Phi_3^{3}\ \Phi_2^{2}\ \Phi_1^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
112269	1573	192	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{15}{64}$	$\frac{49}{192}$	$\Phi_{192}^{7}\ \Phi_{96}^{7}\ \Phi_{64}^{8}\ \Phi_{48}^{11}\ \Phi_{32}^{8}\ \Phi_{24}^{11}\ \Phi_{16}^{11}\ \Phi_{12}^{10}\ \Phi_{8}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
112270	1573	496	$\frac{3}{124}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{496}^{4}\ \Phi_{248}^{4}\ \Phi_{124}\ \Phi_{62}\ \Phi_{31}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
112271	1573	160	$\frac{1}{40}$	$\frac{3}{16}$	$\frac{39}{160}$	$\frac{1}{4}$	$\Phi_{160}^{13}\ \Phi_{80}^{5}\ \Phi_{40}^{8}\ \Phi_{32}^{13}\ \Phi_{20}^{8}\ \Phi_{16}^{6}\ \Phi_{10}^{8}\ \Phi_{8}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
112272	1573	2000	$\frac{4}{125}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{400}\ \Phi_{200}\ \Phi_{125}\ \Phi_{25}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
112273	1573	1200	$\frac{1}{30}$	$\frac{3}{16}$	$\frac{29}{150}$	$\frac{1}{4}$	$\Phi_{1200}^{2}\ \Phi_{600}^{2}\ \Phi_{400}^{2}\ \Phi_{200}^{2}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
112274	1573	1008	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{144}^{2}\ \Phi_{126}\ \Phi_{112}^{2}\ \Phi_{72}^{2}\ \Phi_{63}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
112275	1573	144	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{144}^{13}\ \Phi_{72}^{13}\ \Phi_{48}^{5}\ \Phi_{36}^{13}\ \Phi_{24}^{8}\ \Phi_{18}^{13}\ \Phi_{16}^{6}\ \Phi_{12}^{8}\ \Phi_{9}^{13}\ \Phi_{8}^{9}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
112276	1573	560	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{140}\ \Phi_{112}^{4}\ \Phi_{70}\ \Phi_{56}^{4}\ \Phi_{35}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
112277	1573	128	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{128}^{13}\ \Phi_{64}^{13}\ \Phi_{32}^{13}\ \Phi_{16}^{6}\ \Phi_{8}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
112278	1573	2160	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{72}\ \Phi_{45}\ \Phi_{27}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
112279	1573	1040	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1040}^{2}\ \Phi_{520}^{2}\ \Phi_{208}^{2}\ \Phi_{130}\ \Phi_{104}^{2}\ \Phi_{65}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
112280	1573	48	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{48}^{40}\ \Phi_{24}^{40}\ \Phi_{16}^{41}\ \Phi_{12}^{10}\ \Phi_{8}^{41}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
112281	1573	480	$\frac{1}{12}$	$\frac{17}{160}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{3}\ \Phi_{120}^{4}\ \Phi_{96}^{4}\ \Phi_{80}^{3}\ \Phi_{48}^{4}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{4}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
112282	1573	168	$\frac{1}{12}$	$\frac{3}{28}$	$\frac{25}{168}$	$\frac{1}{4}$	$\Phi_{168}^{11}\ \Phi_{84}^{7}\ \Phi_{56}^{11}\ \Phi_{42}^{7}\ \Phi_{28}^{8}\ \Phi_{24}^{11}\ \Phi_{21}^{7}\ \Phi_{14}^{8}\ \Phi_{12}^{10}\ \Phi_{8}^{11}\ \Phi_{7}^{8}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
112283	1573	1728	$\frac{1}{12}$	$\frac{155}{1728}$	$\frac{37}{192}$	$\frac{11}{48}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
112284	1573	1920	$\frac{1}{12}$	$\frac{37}{384}$	$\frac{347}{1920}$	$\frac{11}{48}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
112285	1573	2016	$\frac{1}{12}$	$\frac{61}{504}$	$\frac{11}{72}$	$\frac{443}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
112286	1573	180	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{180}$	$\Phi_{180}^{8}\ \Phi_{90}^{8}\ \Phi_{60}^{8}\ \Phi_{45}^{9}\ \Phi_{36}^{11}\ \Phi_{30}^{8}\ \Phi_{20}^{8}\ \Phi_{18}^{11}\ \Phi_{15}^{9}\ \Phi_{12}^{10}\ \Phi_{10}^{8}\ \Phi_{9}^{11}\ \Phi_{6}^{10}\ \Phi_{5}^{9}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
112287	1574	4704	$\frac{3}{784}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{781}{1568}$	$\Phi_{4704}\ \Phi_{672}\ \Phi_{96}\ \Phi_{12}\ \Phi_{6}$
112288	1574	1430	$\frac{1}{143}$	$\frac{72}{715}$	$\frac{643}{1430}$	$\frac{71}{143}$	$\Phi_{1430}^{2}\ \Phi_{286}^{2}\ \Phi_{143}\ \Phi_{130}^{2}\ \Phi_{110}^{2}\ \Phi_{26}^{2}\ \Phi_{22}^{2}\ \Phi_{13}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
112289	1574	1562	$\frac{6}{781}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{775}{1562}$	$\Phi_{1562}^{2}\ \Phi_{142}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
112290	1574	1452	$\frac{1}{121}$	$\frac{61}{726}$	$\frac{665}{1452}$	$\frac{60}{121}$	$\Phi_{1452}^{2}\ \Phi_{484}^{2}\ \Phi_{132}^{2}\ \Phi_{121}\ \Phi_{44}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
112291	1574	1089	$\frac{1}{121}$	$\frac{61}{363}$	$\frac{302}{1089}$	$\frac{60}{121}$	$\Phi_{1089}^{2}\ \Phi_{121}\ \Phi_{99}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
112292	1574	968	$\frac{1}{121}$	$\frac{181}{968}$	$\frac{61}{242}$	$\frac{60}{121}$	$\Phi_{968}^{2}\ \Phi_{484}^{2}\ \Phi_{121}\ \Phi_{88}^{2}\ \Phi_{44}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
112293	1574	1560	$\frac{7}{780}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{773}{1560}$	$\Phi_{1560}^{2}\ \Phi_{520}^{2}\ \Phi_{312}^{2}\ \Phi_{120}^{2}\ \Phi_{104}^{2}\ \Phi_{40}^{2}\ \Phi_{24}^{2}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
112294	1574	1551	$\frac{23}{1551}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{764}{1551}$	$\Phi_{1551}\ \Phi_{517}\ \Phi_{141}\ \Phi_{47}\ \Phi_{33}^{2}\ \Phi_{11}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
112295	1574	1056	$\frac{5}{264}$	$\frac{1}{11}$	$\frac{269}{1056}$	$\frac{259}{528}$	$\Phi_{1056}^{2}\ \Phi_{352}^{2}\ \Phi_{264}^{2}\ \Phi_{132}^{2}\ \Phi_{96}^{2}\ \Phi_{88}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{32}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
112296	1574	1540	$\frac{17}{770}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{753}{1540}$	$\Phi_{1540}^{2}\ \Phi_{308}^{2}\ \Phi_{220}^{2}\ \Phi_{140}^{2}\ \Phi_{44}^{2}\ \Phi_{28}^{2}\ \Phi_{22}^{2}\ \Phi_{20}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
112297	1574	1518	$\frac{28}{759}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{731}{1518}$	$\Phi_{1518}^{2}\ \Phi_{506}^{2}\ \Phi_{138}^{2}\ \Phi_{66}^{2}\ \Phi_{46}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
112298	1574	1496	$\frac{39}{748}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{709}{1496}$	$\Phi_{1496}^{2}\ \Phi_{136}^{2}\ \Phi_{88}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
112299	1574	880	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{93}{880}$	$\frac{83}{176}$	$\Phi_{880}^{2}\ \Phi_{440}^{2}\ \Phi_{220}^{2}\ \Phi_{110}^{2}\ \Phi_{88}^{2}\ \Phi_{80}^{2}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{40}^{2}\ \Phi_{22}^{2}\ \Phi_{20}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
112300	1574	1485	$\frac{89}{1485}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{698}{1485}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}\ \Phi_{99}^{2}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}^{2}\ \Phi_{27}\ \Phi_{15}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
112301	1574	1170	$\frac{7}{390}$	$\frac{1}{13}$	$\frac{383}{1170}$	$\frac{6}{13}$	$\Phi_{1170}^{2}\ \Phi_{585}^{2}\ \Phi_{234}^{2}\ \Phi_{117}^{2}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{18}^{2}\ \Phi_{13}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
112302	1574	806	$\frac{19}{806}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{806}^2\ \Phi_{403}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{13}\ \Phi_1^2$
112303	1574	1040	$\frac{7}{260}$	$\frac{1}{13}$	$\frac{253}{1040}$	$\frac{6}{13}$	$\Phi_{1040}^2\ \Phi_{520}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
112304	1574	975	$\frac{7}{195}$	$\frac{1}{13}$	$\frac{188}{975}$	$\frac{6}{13}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{13}\ \Phi_1^2$
112305	1574	819	$\frac{32}{819}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{819}^2\ \Phi_{273}^2\ \Phi_{117}^2\ \Phi_{91}^2\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_7^2\ \Phi_1^2$
112306	1574	936	$\frac{7}{156}$	$\frac{1}{13}$	$\frac{149}{936}$	$\frac{6}{13}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_8^2\ \Phi_1^2$
112307	1574	910	$\frac{7}{130}$	$\frac{1}{13}$	$\frac{123}{910}$	$\frac{6}{13}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_1^2$
112308	1574	832	$\frac{45}{832}$	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{6}{13}$	$\Phi_{832}^2\ \Phi_{416}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
112309	1574	845	$\frac{58}{845}$	$\frac{1}{13}$	$\frac{7}{65}$	$\frac{6}{13}$	$\Phi_{845}^2\ \Phi_{169}^2\ \Phi_{13}\ \Phi_1^2$
112310	1574	858	$\frac{1}{13}$	$\frac{71}{858}$	$\frac{7}{78}$	$\frac{6}{13}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{13}\ \Phi_{11}^2\ \Phi_1^2$
112311	1574	1452	$\frac{5}{66}$	$\frac{61}{726}$	$\frac{1}{11}$	$\frac{665}{1452}$	$\Phi_{1452}^2\ \Phi_{484}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
112312	1574	1408	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{83}{704}$	$\frac{621}{1408}$	$\Phi_{1408}^2\ \Phi_{128}^2\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
112313	1574	1386	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{94}{693}$	$\frac{599}{1386}$	$\Phi_{1386}^2\ \Phi_{462}^2\ \Phi_{198}^2\ \Phi_{154}^2\ \Phi_{126}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
112314	1574	1320	$\frac{5}{132}$	$\frac{1}{11}$	$\frac{127}{660}$	$\frac{533}{1320}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{120}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
112315	1574	1287	$\frac{1}{143}$	$\frac{287}{1287}$	$\frac{142}{429}$	$\frac{500}{1287}$	$\Phi_{1287}\ \Phi_{429}^2\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{39}^2\ \Phi_{33}^2\ \Phi_{13}\ \Phi_{11}\ \Phi_9\ \Phi_3^2\ \Phi_1^2$
112316	1574	1144	$\frac{1}{143}$	$\frac{71}{286}$	$\frac{357}{1144}$	$\frac{215}{572}$	$\Phi_{1144}^2\ \Phi_{286}^2\ \Phi_{143}\ \Phi_{104}^2\ \Phi_{88}^2\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{13}\ \Phi_{11}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
112317	1574	792	$\frac{5}{792}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
112318	1574	1188	$\frac{5}{198}$	$\frac{1}{11}$	$\frac{193}{594}$	$\frac{401}{1188}$	$\Phi_{1188}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
112319	1574	1182	$\frac{1}{197}$	$\frac{196}{591}$	$\frac{1}{3}$	$\frac{395}{1182}$	$\Phi_{1182}^2\ \Phi_{591}\ \Phi_{394}^2\ \Phi_6^2\ \Phi_2^2$
112320	1574	1176	$\frac{3}{392}$	$\frac{1}{4}$	$\frac{389}{1176}$	$\frac{1}{3}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}^2\ \Phi_{294}\ \Phi_{196}^2\ \Phi_{168}\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{49}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
112321	1574	2940	$\frac{3}{196}$	$\frac{193}{980}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{735}\ \Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
112322	1574	2400	$\frac{13}{800}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
112323	1574	2688	$\frac{3}{112}$	$\frac{109}{896}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{12}\ \Phi_6$
112324	1574	2436	$\frac{25}{812}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{609}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{12}\ \Phi_6$
112325	1574	840	$\frac{3}{56}$	$\frac{53}{840}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
112326	1574	891	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{104}{891}$	$\frac{89}{297}$	$\Phi_{891}^2\ \Phi_{297}\ \Phi_{99}^2\ \Phi_{81}^2\ \Phi_{33}^2\ \Phi_{27}\ \Phi_{11}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
112327	1574	1056	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{83}{352}$	$\frac{269}{1056}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{96}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
112328	1574	880	$\frac{1}{11}$	$\frac{93}{880}$	$\frac{17}{110}$	$\frac{5}{22}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{80}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
112329	1574	924	$\frac{1}{11}$	$\frac{17}{154}$	$\frac{137}{924}$	$\frac{5}{22}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
112330	1574	990	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{495}$	$\frac{203}{990}$	$\Phi_{990}^2\ \Phi_{495}\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
112331	1575	1256	$\frac{1}{314}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{313}{628}$	$\Phi_{1256}^2\ \Phi_{628}\ \Phi_8^3\ \Phi_4\ \Phi_1$
112332	1575	1344	$\frac{1}{224}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{223}{448}$	$\Phi_{1344}^2\ \Phi_{448}^3\ \Phi_{192}^2\ \Phi_{64}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
112333	1575	4032	$\frac{1}{224}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{223}{448}$	$\Phi_{4032}\ \Phi_{576}\ \Phi_{448}\ \Phi_{64}\ \Phi_9\ \Phi_1$
112334	1575	1392	$\frac{1}{174}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{173}{348}$	$\Phi_{1392}^2\ \Phi_{464}^2\ \Phi_{348}\ \Phi_{116}\ \Phi_{48}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
112335	1575	348	$\frac{1}{174}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{173}{348}$	$\Phi_{348}^{5}\ \Phi_{174}^{4}\ \Phi_{116}^{5}\ \Phi_{87}^{4}\ \Phi_{58}^{4}\ \Phi_{29}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{7}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
112336	1575	1456	$\frac{1}{104}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{103}{208}$	$\Phi_{1456}^{2}\ \Phi_{208}^{3}\ \Phi_{112}^{2}\ \Phi_{28}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
112337	1575	1456	$\frac{1}{104}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{103}{208}$	$\Phi_{1456}^{2}\ \Phi_{208}^{3}\ \Phi_{112}^{2}\ \Phi_{16}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
112338	1575	624	$\frac{1}{104}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{103}{208}$	$\Phi_{624}^{6}\ \Phi_{208}^{3}\ \Phi_{48}^{6}\ \Phi_{16}^{3}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
112339	1575	1480	$\frac{1}{74}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{73}{148}$	$\Phi_{1480}^{2}\ \Phi_{296}^{2}\ \Phi_{148}\ \Phi_{40}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
112340	1575	740	$\frac{1}{74}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{73}{148}$	$\Phi_{740}^{4}\ \Phi_{148}^{5}\ \Phi_{20}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
112341	1575	296	$\frac{1}{74}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{73}{148}$	$\Phi_{296}^{6}\ \Phi_{148}^{5}\ \Phi_{74}^{4}\ \Phi_{37}^{4}\ \Phi_{8}^{9}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
112342	1575	3700	$\frac{1}{74}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{73}{148}$	$\Phi_{3700}\ \Phi_{148}\ \Phi_{100}\ \Phi_{25}\ \Phi_{4}\ \Phi_{1}$
112343	1575	1488	$\frac{1}{62}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{61}{124}$	$\Phi_{1488}^{2}\ \Phi_{496}^{2}\ \Phi_{124}\ \Phi_{48}^{3}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
112344	1575	3348	$\frac{1}{62}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{61}{124}$	$\Phi_{3348}\ \Phi_{1116}\ \Phi_{124}\ \Phi_{108}\ \Phi_{36}\ \Phi_{27}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
112345	1575	1116	$\frac{1}{62}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{61}{124}$	$\Phi_{1116}^{2}\ \Phi_{558}^{2}\ \Phi_{279}^{2}\ \Phi_{124}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{4}\ \Phi_{1}$
112346	1575	868	$\frac{1}{62}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{61}{124}$	$\Phi_{868}^{2}\ \Phi_{434}^{2}\ \Phi_{217}^{2}\ \Phi_{124}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{4}\ \Phi_{1}$
112347	1575	992	$\frac{1}{62}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{61}{124}$	$\Phi_{992}^{2}\ \Phi_{496}^{2}\ \Phi_{124}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
112348	1575	372	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{61}{124}$	$\Phi_{372}^{8}\ \Phi_{124}^{9}\ \Phi_{12}^{8}\ \Phi_{6}^{4}\ \Phi_{4}^{9}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
112349	1575	1720	$\frac{3}{172}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{169}{344}$	$\Phi_{1720}^{2}\ \Phi_{344}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
112350	1575	1496	$\frac{1}{44}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{43}{88}$	$\Phi_{1496}^{2}\ \Phi_{136}^{2}\ \Phi_{88}^{3}\ \Phi_{68}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
112351	1575	4488	$\frac{1}{44}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{43}{88}$	$\Phi_{4488}\ \Phi_{408}\ \Phi_{264}\ \Phi_{88}\ \Phi_{51}\ \Phi_{24}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
112352	1575	1496	$\frac{1}{44}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{43}{88}$	$\Phi_{1496}^{2}\ \Phi_{136}^{2}\ \Phi_{88}^{3}\ \Phi_{17}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
112353	1575	264	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{43}{88}$	$\Phi_{264}^{6}\ \Phi_{132}^{8}\ \Phi_{88}^{3}\ \Phi_{66}^{8}\ \Phi_{44}^{4}\ \Phi_{33}^{8}\ \Phi_{24}^{8}\ \Phi_{22}^{4}\ \Phi_{12}^{10}\ \Phi_{11}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{9}\ \Phi_{4}^{5}\ \Phi_{3}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
112354	1575	748	$\frac{1}{34}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{33}{68}$	$\Phi_{748}^{4}\ \Phi_{68}^{5}\ \Phi_{44}^{4}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
112355	1575	272	$\frac{1}{34}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{272}^{6}\ \Phi_{136}^{6}\ \Phi_{68}^{5}\ \Phi_{34}^{4}\ \Phi_{17}^{4}\ \Phi_{16}^{9}\ \Phi_{8}^{9}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
112356	1575	748	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{33}{68}$	$\Phi_{748}^{4}\ \Phi_{68}^{5}\ \Phi_{44}^{4}\ \Phi_{11}^{4}\ \Phi_{4}^{5}\ \Phi_{1}^{5}$
112357	1575	1020	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{33}{68}$	$\Phi_{1020}^{4}\ \Phi_{340}^{2}\ \Phi_{204}^{2}\ \Phi_{68}\ \Phi_{60}^{4}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
112358	1575	1488	$\frac{1}{31}$	$\frac{1}{24}$	$\frac{10}{31}$	$\frac{23}{48}$	$\Phi_{1488}^{2}\ \Phi_{496}^{2}\ \Phi_{48}^{3}\ \Phi_{31}^{2}\ \Phi_{16}^{3}\ \Phi_{1}^{3}$
112359	1575	528	$\frac{1}{24}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{528}^{6}\ \Phi_{176}^{6}\ \Phi_{48}^{3}\ \Phi_{44}^{2}\ \Phi_{22}\ \Phi_{16}^{3}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
112360	1575	1488	$\frac{1}{24}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{23}{48}$	$\Phi_{1488}^{2}\ \Phi_{496}^{2}\ \Phi_{48}^{3}\ \Phi_{31}^{2}\ \Phi_{16}^{3}\ \Phi_{1}^{3}$
112361	1575	240	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{23}{48}$	$\Phi_{240}^{14}\ \Phi_{80}^{14}\ \Phi_{48}^{7}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{7}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
112362	1575	1480	$\frac{1}{37}$	$\frac{1}{20}$	$\frac{12}{37}$	$\frac{19}{40}$	$\Phi_{1480}^{2}\ \Phi_{296}^{2}\ \Phi_{40}^{3}\ \Phi_{37}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
112363	1575	520	$\frac{1}{26}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{520}^{6}\ \Phi_{104}^{6}\ \Phi_{52}^{2}\ \Phi_{40}^{3}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
112364	1575	1480	$\frac{1}{20}$	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{19}{40}$	$\Phi_{1480}^{2}\ \Phi_{296}^{2}\ \Phi_{40}^{3}\ \Phi_{37}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
112365	1575	240	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{240}^{8}\ \Phi_{120}^{6}\ \Phi_{80}^{4}\ \Phi_{60}^{8}\ \Phi_{48}^{10}\ \Phi_{40}^{3}\ \Phi_{30}^{8}\ \Phi_{24}^{8}\ \Phi_{20}^{4}\ \Phi_{16}^{5}\ \Phi_{15}^{8}\ \Phi_{12}^{10}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{9}\ \Phi_{5}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
112366	1575	1518	$\frac{1}{46}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{253}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{46}\ \Phi_{33}\ \Phi_{23}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
112367	1575	330	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{31}{66}$	$\Phi_{330}^{5}\ \Phi_{165}^{5}\ \Phi_{110}^{6}\ \Phi_{55}^{6}\ \Phi_{33}^{5}\ \Phi_{30}^{5}\ \Phi_{22}\ \Phi_{15}^{5}\ \Phi_{11}^{5}\ \Phi_{10}^{5}\ \Phi_{5}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
112368	1575	960	$\frac{1}{16}$	$\frac{17}{192}$	$\frac{1}{10}$	$\frac{15}{32}$	$\Phi_{960}^{2}\ \Phi_{480}^{2}\ \Phi_{320}^{2}\ \Phi_{240}^{2}\ \Phi_{192}\ \Phi_{120}^{2}\ \Phi_{96}\ \Phi_{80}^{2}\ \Phi_{64}\ \Phi_{60}^{2}\ \Phi_{48}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
112369	1575	364	$\frac{1}{52}$	$\frac{1}{14}$	$\frac{17}{52}$	$\frac{13}{28}$	$\Phi_{364}^{4}\ \Phi_{182}^{4}\ \Phi_{91}^{4}\ \Phi_{52}^{6}\ \Phi_{28}^{5}\ \Phi_{26}^{6}\ \Phi_{14}^{4}\ \Phi_{13}^{6}\ \Phi_{7}^{4}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
112370	1575	252	$\frac{1}{36}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{84}^{6}\ \Phi_{63}^{6}\ \Phi_{42}^{6}\ \Phi_{36}^{9}\ \Phi_{28}^{5}\ \Phi_{21}^{6}\ \Phi_{18}^{9}\ \Phi_{14}^{4}\ \Phi_{12}^{9}\ \Phi_{9}^{9}\ \Phi_{7}^{4}\ \Phi_{6}^{9}\ \Phi_{4}^{7}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
112371	1575	364	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{5}{26}$	$\frac{13}{28}$	$\Phi_{364}^{8}\ \Phi_{52}^{8}\ \Phi_{28}^{9}\ \Phi_{26}^{4}\ \Phi_{13}^{4}\ \Phi_{4}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
112372	1575	924	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{924}^{4}\ \Phi_{308}^{2}\ \Phi_{132}^{4}\ \Phi_{84}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{28}\ \Phi_{22}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
112373	1575	364	$\frac{3}{52}$	$\frac{1}{14}$	$\frac{7}{52}$	$\frac{13}{28}$	$\Phi_{364}^{4}\ \Phi_{182}^{4}\ \Phi_{91}^{4}\ \Phi_{52}^{6}\ \Phi_{28}^{5}\ \Phi_{26}^{6}\ \Phi_{14}^{4}\ \Phi_{13}^{6}\ \Phi_{7}^{4}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
112374	1575	112	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{28}$	$\Phi_{112}^{14}\ \Phi_{56}^{12}\ \Phi_{28}^{13}\ \Phi_{16}^{21}\ \Phi_{14}^{12}\ \Phi_{8}^{18}\ \Phi_{7}^{12}\ \Phi_{4}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
112375	1575	1092	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{13}{28}$	$\Phi_{1092}^{3}\ \Phi_{364}^{2}\ \Phi_{156}^{3}\ \Phi_{84}^{3}\ \Phi_{52}^{2}\ \Phi_{39}^{3}\ \Phi_{28}^{3}\ \Phi_{13}^{2}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
112376	1575	1104	$\frac{1}{46}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{1104}^{2}\ \Phi_{368}^{2}\ \Phi_{276}^{2}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{69}^{2}\ \Phi_{48}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
112377	1575	1472	$\frac{1}{46}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{1472}^{2}\ \Phi_{92}^{2}\ \Phi_{64}\ \Phi_{46}\ \Phi_{23}\ \Phi_{4}\ \Phi_{1}$
112378	1575	320	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{10}$	$\frac{29}{64}$	$\Phi_{320}^{10}\ \Phi_{80}^{2}\ \Phi_{64}^{5}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
112379	1575	2832	$\frac{2}{177}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2832}\ \Phi_{944}\ \Phi_{177}\ \Phi_{59}\ \Phi_{16}\ \Phi_{1}$
112380	1575	4176	$\frac{1}{87}$	$\frac{1}{8}$	$\frac{86}{261}$	$\frac{7}{16}$	$\Phi_{4176}\ \Phi_{261}\ \Phi_{144}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
112381	1575	464	$\frac{1}{58}$	$\frac{1}{8}$	$\frac{57}{232}$	$\frac{7}{16}$	$\Phi_{464}^{6}\ \Phi_{232}\ \Phi_{116}\ \Phi_{16}^{7}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
112382	1575	1392	$\frac{2}{87}$	$\frac{1}{8}$	$\frac{17}{87}$	$\frac{7}{16}$	$\Phi_{1392}^{2}\ \Phi_{464}^{2}\ \Phi_{87}^{2}\ \Phi_{48}^{2}\ \Phi_{29}^{2}\ \Phi_{16}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
112383	1575	144	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{144}^{20}\ \Phi_{48}^{18}\ \Phi_{36}^{5}\ \Phi_{18}^{5}\ \Phi_{16}^{19}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
112384	1575	464	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{4}{29}$	$\frac{7}{16}$	$\Phi_{464}^{6}\ \Phi_{29}^{6}\ \Phi_{16}^{7}\ \Phi_{1}^{7}$
112385	1575	208	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{208}^{14}\ \Phi_{104}^{2}\ \Phi_{52}^{2}\ \Phi_{26}\ \Phi_{16}^{7}\ \Phi_{13}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
112386	1575	220	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{3}{22}$	$\frac{19}{44}$	$\Phi_{220}^{14}\ \Phi_{110}^{2}\ \Phi_{55}^{2}\ \Phi_{44}^{7}\ \Phi_{22}\ \Phi_{20}^{14}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}^{7}\ \Phi_{1}$
112387	1575	336	$\frac{1}{112}$	$\frac{1}{6}$	$\frac{37}{112}$	$\frac{5}{12}$	$\Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{112}^{6}\ \Phi_{84}^{4}\ \Phi_{56}^{6}\ \Phi_{48}^{4}\ \Phi_{42}^{4}\ \Phi_{28}^{6}\ \Phi_{24}^{4}\ \Phi_{21}^{4}\ \Phi_{16}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{5}\ \Phi_{8}^{6}\ \Phi_{7}^{6}\ \Phi_{6}^{4}\ \Phi_{4}^{7}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
112388	1575	228	$\frac{1}{76}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{228}^{6}\ \Phi_{114}^{6}\ \Phi_{76}^{9}\ \Phi_{57}^{6}\ \Phi_{38}^{9}\ \Phi_{19}^{9}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{7}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
112389	1575	168	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{11}{56}$	$\frac{5}{12}$	$\Phi_{168}^{8}\ \Phi_{84}^{8}\ \Phi_{56}^{12}\ \Phi_{42}^{8}\ \Phi_{28}^{12}\ \Phi_{24}^{8}\ \Phi_{21}^{8}\ \Phi_{14}^{12}\ \Phi_{12}^{9}\ \Phi_{8}^{12}\ \Phi_{7}^{12}\ \Phi_{6}^{8}\ \Phi_{4}^{13}\ \Phi_{3}^{8}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
112390	1575	276	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{276}^{10}\ \Phi_{138}^{2}\ \Phi_{92}^{10}\ \Phi_{69}^{2}\ \Phi_{46}\ \Phi_{23}\ \Phi_{12}^{5}\ \Phi_{6}\ \Phi_{4}^{5}\ \Phi_{3}\ \Phi_{1}$
112391	1575	924	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{924}^{3}\ \Phi_{308}^{3}\ \Phi_{132}^{3}\ \Phi_{84}^{2}\ \Phi_{77}^{3}\ \Phi_{44}^{3}\ \Phi_{28}^{2}\ \Phi_{12}^{3}\ \Phi_{11}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
112392	1575	696	$\frac{7}{232}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{696}^{2}\ \Phi_{348}^{2}\ \Phi_{232}^{3}\ \Phi_{174}^{2}\ \Phi_{116}^{3}\ \Phi_{87}^{2}\ \Phi_{58}^{3}\ \Phi_{29}^{3}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
112393	1575	768	$\frac{1}{32}$	$\frac{31}{256}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{768}^{2}\ \Phi_{384}^{2}\ \Phi_{256}^{3}\ \Phi_{192}^{2}\ \Phi_{128}^{3}\ \Phi_{64}^{3}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
112394	1575	84	$\frac{1}{28}$	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{84}^{16}\ \Phi_{42}^{16}\ \Phi_{28}^{24}\ \Phi_{21}^{16}\ \Phi_{14}^{24}\ \Phi_{12}^{17}\ \Phi_{7}^{24}\ \Phi_{6}^{16}\ \Phi_{4}^{25}\ \Phi_{3}^{16}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
112395	1575	780	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{780}^{4}\ \Phi_{260}^{4}\ \Phi_{156}^{2}\ \Phi_{130}^{2}\ \Phi_{65}^{2}\ \Phi_{60}^{2}\ \Phi_{52}^{2}\ \Phi_{26}\ \Phi_{20}^{2}\ \Phi_{13}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
112396	1575	1428	$\frac{13}{238}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1428}^{2}\ \Phi_{476}^{2}\ \Phi_{238}\ \Phi_{204}^{2}\ \Phi_{119}\ \Phi_{68}^{2}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
112397	1575	48	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{48}^{28}\ \Phi_{24}^{28}\ \Phi_{16}^{42}\ \Phi_{12}^{29}\ \Phi_{8}^{42}\ \Phi_{6}^{28}\ \Phi_{4}^{43}\ \Phi_{3}^{28}\ \Phi_{2}^{42}\ \Phi_{1}^{43}$
112398	1575	1256	$\frac{1}{157}$	$\frac{1}{4}$	$\frac{52}{157}$	$\frac{3}{8}$	$\Phi_{1256}^{2}\ \Phi_{157}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
112399	1575	424	$\frac{1}{106}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{424}^{6}\ \Phi_{212}^{2}\ \Phi_{106}\ \Phi_{53}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
112400	1575	1256	$\frac{2}{157}$	$\frac{31}{157}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1256}^{2}\ \Phi_{157}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
112401	1575	192	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{192}^{10}\ \Phi_{96}^{10}\ \Phi_{64}^{5}\ \Phi_{48}^{10}\ \Phi_{32}^{5}\ \Phi_{24}^{8}\ \Phi_{16}^{5}\ \Phi_{12}^{10}\ \Phi_{8}^{4}\ \Phi_{6}^{9}\ \Phi_{4}^{5}\ \Phi_{3}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
112402	1575	1256	$\frac{3}{157}$	$\frac{22}{157}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1256}^{2}\ \Phi_{157}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
112403	1575	184	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{184}^{8}\ \Phi_{92}^{10}\ \Phi_{46}^{9}\ \Phi_{23}^{9}\ \Phi_{8}^{4}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
112404	1575	1256	$\frac{4}{157}$	$\frac{17}{157}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1256}^{2}\ \Phi_{157}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
112405	1575	360	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^{8}\ \Phi_{180}^{2}\ \Phi_{120}^{8}\ \Phi_{90}^{2}\ \Phi_{72}^{4}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{6}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{24}^{4}\ \Phi_{20}^{2}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
112406	1575	1256	$\frac{7}{157}$	$\frac{10}{157}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1256}^{2}\ \Phi_{157}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
112407	1575	176	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{176}^{10}\ \Phi_{88}^{8}\ \Phi_{44}^{10}\ \Phi_{22}^{9}\ \Phi_{16}^{5}\ \Phi_{11}^{9}\ \Phi_{8}^{4}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
112408	1575	1242	$\frac{1}{46}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{1242}\ \Phi_{621}\ \Phi_{414}^{2}\ \Phi_{207}^{2}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{46}\ \Phi_{27}\ \Phi_{23}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
112409	1575	416	$\frac{1}{26}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{416}^{6}\ \Phi_{208}^{2}\ \Phi_{104}^{2}\ \Phi_{52}^{2}\ \Phi_{32}^{3}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
112410	1575	418	$\frac{1}{22}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{418}^{4}\ \Phi_{209}^{4}\ \Phi_{38}\ \Phi_{22}^{3}\ \Phi_{19}^{3}\ \Phi_{11}^{3}\ \Phi_{1}^{3}$
112411	1575	1320	$\frac{1}{44}$	$\frac{1}{10}$	$\frac{43}{132}$	$\frac{89}{264}$	$\Phi_{1320}^{2}\ \Phi_{440}^{2}\ \Phi_{264}\ \Phi_{220}^{2}\ \Phi_{120}^{2}\ \Phi_{110}^{2}\ \Phi_{88}\ \Phi_{55}^{2}\ \Phi_{44}\ \Phi_{40}^{2}\ \Phi_{24}\ \Phi_{22}\ \Phi_{20}^{2}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
112412	1575	474	$\frac{1}{79}$	$\frac{1}{6}$	$\frac{26}{79}$	$\frac{53}{158}$	$\Phi_{474}^{4}\ \Phi_{237}^{4}\ \Phi_{158}\ \Phi_{79}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
112413	1575	787	$\frac{4}{787}$	$\frac{261}{787}$	$\frac{262}{787}$	$\frac{263}{787}$	$\Phi_{787}^{2}\ \Phi_{1}^{3}$
112414	1575	1008	$\frac{1}{112}$	$\frac{2}{9}$	$\frac{37}{112}$	$\frac{1}{3}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{144}^{2}\ \Phi_{126}^{2}\ \Phi_{112}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{56}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
112415	1575	837	$\frac{1}{31}$	$\frac{2}{27}$	$\frac{10}{31}$	$\frac{1}{3}$	$\Phi_{837}^{2}\ \Phi_{279}^{2}\ \Phi_{31}^{2}\ \Phi_{27}^{3}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
112416	1575	249	$\frac{2}{83}$	$\frac{9}{83}$	$\frac{74}{249}$	$\frac{1}{3}$	$\Phi_{249}^{5}\ \Phi_{83}^{9}\ \Phi_{3}^{4}\ \Phi_{1}^{9}$
112417	1575	708	$\frac{2}{177}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{708}^{2}\ \Phi_{354}^{2}\ \Phi_{236}^{2}\ \Phi_{177}^{3}\ \Phi_{118}^{2}\ \Phi_{59}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
112418	1575	684	$\frac{1}{76}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{684}^{3}\ \Phi_{342}^{3}\ \Phi_{171}^{3}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{36}^{2}\ \Phi_{19}^{3}\ \Phi_{18}^{2}\ \Phi_{9}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
112419	1575	1188	$\frac{1}{22}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1188}^{2}\ \Phi_{594}\ \Phi_{396}^{2}\ \Phi_{297}\ \Phi_{198}\ \Phi_{108}\ \Phi_{99}\ \Phi_{44}^{2}\ \Phi_{36}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
112420	1575	504	$\frac{1}{56}$	$\frac{11}{56}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{126}^{4}\ \Phi_{72}^{4}\ \Phi_{63}^{4}\ \Phi_{56}^{4}\ \Phi_{36}^{4}\ \Phi_{28}^{4}\ \Phi_{18}^{4}\ \Phi_{14}^{4}\ \Phi_{9}^{5}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
112421	1575	414	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{414}^{5}\ \Phi_{207}^{5}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{46}\ \Phi_{23}\ \Phi_{18}^{2}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
112422	1575	693	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{693}^{3}\ \Phi_{99}^{3}\ \Phi_{77}^{3}\ \Phi_{63}^{2}\ \Phi_{11}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
112423	1575	2088	$\frac{7}{232}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{522}\ \Phi_{261}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{29}\ \Phi_{9}\ \Phi_{1}$
112424	1575	2304	$\frac{1}{32}$	$\frac{31}{256}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{9}\ \Phi_{1}$
112425	1575	252	$\frac{1}{28}$	$\frac{3}{28}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{252}^{8}\ \Phi_{126}^{8}\ \Phi_{63}^{8}\ \Phi_{36}^{8}\ \Phi_{28}^{8}\ \Phi_{18}^{8}\ \Phi_{14}^{8}\ \Phi_{9}^{9}\ \Phi_{7}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
112426	1575	1170	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1170}^{2}\ \Phi_{585}^{2}\ \Phi_{234}\ \Phi_{130}^{2}\ \Phi_{117}\ \Phi_{90}\ \Phi_{65}^{2}\ \Phi_{45}\ \Phi_{26}\ \Phi_{13}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
112427	1575	2142	$\frac{13}{238}$	$\frac{1}{14}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{306}\ \Phi_{238}\ \Phi_{153}\ \Phi_{119}\ \Phi_{34}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
112428	1575	144	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{144}^{14}\ \Phi_{72}^{14}\ \Phi_{36}^{14}\ \Phi_{18}^{14}\ \Phi_{16}^{14}\ \Phi_{9}^{15}\ \Phi_{8}^{14}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
112429	1575	837	$\frac{2}{27}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{3}$	$\Phi_{837}^{2}\ \Phi_{279}^{2}\ \Phi_{31}^{2}\ \Phi_{27}^{3}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
112430	1575	1080	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}^{2}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
112431	1575	1044	$\frac{1}{87}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{86}{261}$	$\Phi_{1044}^{2}\ \Phi_{522}^{2}\ \Phi_{261}^{3}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
112432	1575	364	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{17}{52}$	$\Phi_{364}^{4}\ \Phi_{182}^{4}\ \Phi_{91}^{4}\ \Phi_{52}^{6}\ \Phi_{28}^{4}\ \Phi_{26}^{6}\ \Phi_{14}^{4}\ \Phi_{13}^{6}\ \Phi_{7}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
112433	1575	156	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{17}{52}$	$\Phi_{156}^{12}\ \Phi_{78}^{12}\ \Phi_{52}^{6}\ \Phi_{39}^{12}\ \Phi_{26}^{6}\ \Phi_{13}^{6}\ \Phi_{12}^{14}\ \Phi_{6}^{13}\ \Phi_{4}^{7}\ \Phi_{3}^{13}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
112434	1575	787	$\frac{16}{787}$	$\frac{106}{787}$	$\frac{227}{787}$	$\frac{257}{787}$	$\Phi_{787}^{2}\ \Phi_{1}^{3}$
112435	1575	948	$\frac{7}{316}$	$\frac{1}{6}$	$\frac{71}{316}$	$\frac{103}{316}$	$\Phi_{948}^{2}\ \Phi_{474}^{2}\ \Phi_{316}\ \Phi_{237}^{2}\ \Phi_{158}\ \Phi_{79}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
112436	1575	787	$\frac{19}{787}$	$\frac{122}{787}$	$\frac{177}{787}$	$\frac{256}{787}$	$\Phi_{787}^{2}\ \Phi_{1}^{3}$
112437	1575	1052	$\frac{13}{526}$	$\frac{71}{526}$	$\frac{1}{4}$	$\frac{171}{526}$	$\Phi_{1052}^{2}\ \Phi_{526}\ \Phi_{263}\ \Phi_{4}\ \Phi_{1}$
112438	1575	370	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{12}{37}$	$\Phi_{370}^{4}\ \Phi_{185}^{4}\ \Phi_{74}^{4}\ \Phi_{37}^{6}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
112439	1575	296	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{12}{37}$	$\Phi_{296}^{6}\ \Phi_{148}^{4}\ \Phi_{74}^{4}\ \Phi_{37}^{6}\ \Phi_{8}^{9}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
112440	1575	925	$\frac{1}{37}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{12}{37}$	$\Phi_{925}^{2}\ \Phi_{37}^{2}\ \Phi_{25}^{3}\ \Phi_{1}^{3}$
112441	1575	787	$\frac{22}{787}$	$\frac{76}{787}$	$\frac{237}{787}$	$\frac{255}{787}$	$\Phi_{787}^{2}\ \Phi_{1}^{3}$
112442	1575	904	$\frac{7}{226}$	$\frac{1}{8}$	$\frac{51}{226}$	$\frac{73}{226}$	$\Phi_{904}^{2}\ \Phi_{452}^{2}\ \Phi_{226}\ \Phi_{113}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
112443	1575	1116	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{10}{31}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{279}^2\ \Phi_{36}^3\ \Phi_{31}^2\ \Phi_{18}^3\ \Phi_{9}^3\ \Phi_{1}^3$
112444	1575	868	$\frac{1}{31}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{10}{31}$	$\Phi_{868}^2\ \Phi_{434}^2\ \Phi_{217}^2\ \Phi_{31}^2\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{7}^3\ \Phi_{1}^3$
112445	1575	992	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{10}{31}$	$\Phi_{992}^2\ \Phi_{496}^2\ \Phi_{32}^3\ \Phi_{31}^2\ \Phi_{16}^3\ \Phi_{1}^3$
112446	1575	186	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{10}{31}$	$\Phi_{186}^8\ \Phi_{93}^8\ \Phi_{62}^8\ \Phi_{31}^{10}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{15}$
112447	1575	787	$\frac{28}{787}$	$\frac{87}{787}$	$\frac{178}{787}$	$\frac{253}{787}$	$\Phi_{787}^2\ \Phi_{1}^3$
112448	1575	1052	$\frac{19}{526}$	$\frac{51}{526}$	$\frac{1}{4}$	$\frac{169}{526}$	$\Phi_{1052}^2\ \Phi_{526}\ \Phi_{263}\ \Phi_{4}\ \Phi_{1}$
112449	1575	787	$\frac{31}{787}$	$\frac{107}{787}$	$\frac{136}{787}$	$\frac{252}{787}$	$\Phi_{787}^2\ \Phi_{1}^3$
112450	1575	948	$\frac{13}{316}$	$\frac{43}{316}$	$\frac{1}{6}$	$\frac{101}{316}$	$\Phi_{948}^2\ \Phi_{474}^2\ \Phi_{316}\ \Phi_{237}^2\ \Phi_{158}\ \Phi_{79}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
112451	1575	1122	$\frac{1}{22}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{7}{22}$	$\Phi_{1122}^2\ \Phi_{561}^2\ \Phi_{102}^2\ \Phi_{66}^2\ \Phi_{51}^3\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{6}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
112452	1575	374	$\frac{1}{22}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{22}$	$\Phi_{374}^4\ \Phi_{187}^4\ \Phi_{34}^4\ \Phi_{22}^6\ \Phi_{17}^6\ \Phi_{11}^6\ \Phi_{2}^6\ \Phi_{1}^9$
112453	1575	264	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{22}$	$\Phi_{264}^8\ \Phi_{132}^8\ \Phi_{88}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{33}^4\ \Phi_{24}^{10}\ \Phi_{22}^2\ \Phi_{12}^{10}\ \Phi_{11}^2\ \Phi_{8}^5\ \Phi_{6}^5\ \Phi_{4}^5\ \Phi_{3}^5\ \Phi_{2}^2\ \Phi_{1}^3$
112454	1575	787	$\frac{43}{787}$	$\frac{77}{787}$	$\frac{142}{787}$	$\frac{248}{787}$	$\Phi_{787}^2\ \Phi_{1}^3$
112455	1575	904	$\frac{13}{226}$	$\frac{1}{8}$	$\frac{31}{226}$	$\frac{71}{226}$	$\Phi_{904}^2\ \Phi_{452}^2\ \Phi_{226}\ \Phi_{113}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
112456	1575	787	$\frac{46}{787}$	$\frac{97}{787}$	$\frac{108}{787}$	$\frac{247}{787}$	$\Phi_{787}^2\ \Phi_{1}^3$
112457	1575	816	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{816}^3\ \Phi_{408}^3\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{51}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_{8}^3\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
112458	1575	561	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{16}{51}$	$\Phi_{561}^4\ \Phi_{51}^5\ \Phi_{33}^4\ \Phi_{11}^4\ \Phi_{3}^5\ \Phi_{1}^5$
112459	1575	510	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{16}{51}$	$\Phi_{510}^3\ \Phi_{255}^3\ \Phi_{170}^4\ \Phi_{102}\ \Phi_{85}^4\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{30}^5\ \Phi_{17}^2\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_{6}^2\ \Phi_{5}^5\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
112460	1575	948	$\frac{19}{316}$	$\frac{31}{316}$	$\frac{1}{6}$	$\frac{99}{316}$	$\Phi_{948}^2\ \Phi_{474}^2\ \Phi_{316}\ \Phi_{237}^2\ \Phi_{158}\ \Phi_{79}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
112461	1575	396	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{396}^6\ \Phi_{198}^6\ \Phi_{99}^6\ \Phi_{44}^2\ \Phi_{36}^3\ \Phi_{22}^3\ \Phi_{18}^3\ \Phi_{11}\ \Phi_{9}^3\ \Phi_{4}\ \Phi_{1}$
112462	1575	1116	$\frac{1}{12}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{11}{36}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{279}^2\ \Phi_{36}^3\ \Phi_{31}^2\ \Phi_{18}^3\ \Phi_{9}^3\ \Phi_{1}^3$
112463	1575	360	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{11}{36}$	$\Phi_{360}^8\ \Phi_{180}^6\ \Phi_{90}^6\ \Phi_{72}^4\ \Phi_{45}^6\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{10}\ \Phi_{9}^3\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
112464	1575	990	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{23}{198}$	$\frac{10}{33}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{99}\ \Phi_{90}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{18}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
112465	1575	260	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{260}^8\ \Phi_{130}^4\ \Phi_{65}^4\ \Phi_{52}^{10}\ \Phi_{26}^5\ \Phi_{20}^4\ \Phi_{13}^5\ \Phi_{10}^2\ \Phi_{5}^5\ \Phi_{4}^5\ \Phi_{2}^2\ \Phi_{1}^3$
112466	1575	370	$\frac{2}{37}$	$\frac{1}{10}$	$\frac{7}{37}$	$\frac{3}{10}$	$\Phi_{370}^4\ \Phi_{185}^4\ \Phi_{74}^4\ \Phi_{37}^6\ \Phi_{10}^6\ \Phi_{5}^6\ \Phi_{2}^6\ \Phi_{1}^9$
112467	1575	240	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{80}^4\ \Phi_{60}^8\ \Phi_{48}^{10}\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^{10}\ \Phi_{20}^4\ \Phi_{16}^5\ \Phi_{15}^4\ \Phi_{12}^{10}\ \Phi_{10}^2\ \Phi_{8}^5\ \Phi_{6}^5\ \Phi_{5}^2\ \Phi_{4}^5\ \Phi_{3}^5\ \Phi_{2}^2\ \Phi_{1}^3$
112468	1575	832	$\frac{1}{26}$	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{832}^2\ \Phi_{416}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{64}\ \Phi_{52}^2\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
112469	1575	787	$\frac{37}{787}$	$\frac{91}{787}$	$\frac{150}{787}$	$\frac{232}{787}$	$\Phi_{787}^2\ \Phi_{1}^3$
112470	1575	848	$\frac{1}{16}$	$\frac{13}{106}$	$\frac{15}{106}$	$\frac{31}{106}$	$\Phi_{848}^2\ \Phi_{424}^2\ \Phi_{212}^2\ \Phi_{106}\ \Phi_{53}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
112471	1575	960	$\frac{17}{192}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}\ \Phi_{160}^2\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{64}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
112472	1575	787	$\frac{45}{787}$	$\frac{106}{787}$	$\frac{112}{787}$	$\frac{227}{787}$	$\Phi_{787}^2\ \Phi_{1}^3$
112473	1575	948	$\frac{15}{316}$	$\frac{43}{316}$	$\frac{1}{6}$	$\frac{91}{316}$	$\Phi_{948}^2\ \Phi_{474}^2\ \Phi_{316}\ \Phi_{237}^2\ \Phi_{158}\ \Phi_{79}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
112474	1575	787	$\frac{24}{787}$	$\frac{109}{787}$	$\frac{187}{787}$	$\frac{226}{787}$	$\Phi_{787}^2\ \Phi_{1}^3$
112475	1575	1052	$\frac{15}{526}$	$\frac{73}{526}$	$\frac{1}{4}$	$\frac{151}{526}$	$\Phi_{1052}^2\ \Phi_{526}\ \Phi_{263}\ \Phi_{4}\ \Phi_{1}$
112476	1575	252	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^6\ \Phi_{63}^6\ \Phi_{42}^6\ \Phi_{36}^9\ \Phi_{28}^4\ \Phi_{21}^6\ \Phi_{18}^9\ \Phi_{14}^4\ \Phi_{12}^9\ \Phi_{9}^9\ \Phi_{7}^6\ \Phi_{6}^9\ \Phi_{4}^6\ \Phi_{3}^9\ \Phi_{2}^6\ \Phi_{1}^9$
112477	1575	182	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{5}{26}$	$\frac{2}{7}$	$\Phi_{182}^8\ \Phi_{91}^8\ \Phi_{26}^{12}\ \Phi_{14}^8\ \Phi_{13}^{12}\ \Phi_{7}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
112478	1575	462	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{462}^{4}\ \Phi_{231}^{4}\ \Phi_{154}^{2}\ \Phi_{77}^{2}\ \Phi_{66}^{6}\ \Phi_{42}^{2}\ \Phi_{33}^{6}\ \Phi_{22}^{3}\ \Phi_{21}^{2}\ \Phi_{11}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
112479	1575	364	$\frac{3}{52}$	$\frac{7}{52}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{364}^{4}\ \Phi_{182}^{4}\ \Phi_{91}^{4}\ \Phi_{52}^{6}\ \Phi_{28}^{4}\ \Phi_{26}^{6}\ \Phi_{14}^{4}\ \Phi_{13}^{6}\ \Phi_{7}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
112480	1575	112	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{112}^{14}\ \Phi_{56}^{12}\ \Phi_{28}^{12}\ \Phi_{16}^{21}\ \Phi_{14}^{12}\ \Phi_{8}^{18}\ \Phi_{7}^{14}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{21}$
112481	1575	273	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{273}^{6}\ \Phi_{91}^{4}\ \Phi_{39}^{9}\ \Phi_{21}^{6}\ \Phi_{13}^{6}\ \Phi_{7}^{6}\ \Phi_{3}^{9}\ \Phi_{1}^{9}$
112482	1575	828	$\frac{1}{36}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{828}^{2}\ \Phi_{414}^{2}\ \Phi_{276}^{2}\ \Phi_{207}^{2}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{69}^{2}\ \Phi_{46}\ \Phi_{36}\ \Phi_{23}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
112483	1575	787	$\frac{27}{787}$	$\frac{127}{787}$	$\frac{152}{787}$	$\frac{220}{787}$	$\Phi_{787}^{2}\ \Phi_{1}^{3}$
112484	1575	836	$\frac{1}{22}$	$\frac{11}{76}$	$\frac{13}{76}$	$\frac{21}{76}$	$\Phi_{836}^{2}\ \Phi_{418}^{2}\ \Phi_{209}^{2}\ \Phi_{76}\ \Phi_{44}^{2}\ \Phi_{38}\ \Phi_{22}\ \Phi_{19}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
112485	1575	787	$\frac{38}{787}$	$\frac{107}{787}$	$\frac{136}{787}$	$\frac{217}{787}$	$\Phi_{787}^{2}\ \Phi_{1}^{3}$
112486	1575	848	$\frac{1}{16}$	$\frac{11}{106}$	$\frac{19}{106}$	$\frac{29}{106}$	$\Phi_{848}^{2}\ \Phi_{424}^{2}\ \Phi_{212}^{2}\ \Phi_{106}\ \Phi_{53}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
112487	1575	1104	$\frac{1}{46}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{1104}^{2}\ \Phi_{552}^{2}\ \Phi_{276}^{2}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{69}^{2}\ \Phi_{48}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
112488	1575	240	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{13}{48}$	$\Phi_{240}^{10}\ \Phi_{120}^{10}\ \Phi_{80}^{2}\ \Phi_{60}^{10}\ \Phi_{48}^{5}\ \Phi_{40}^{2}\ \Phi_{30}^{10}\ \Phi_{24}^{5}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{15}^{10}\ \Phi_{12}^{5}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}^{5}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^{5}\ \Phi_{1}$
112489	1575	787	$\frac{47}{787}$	$\frac{82}{787}$	$\frac{148}{787}$	$\frac{213}{787}$	$\Phi_{787}^{2}\ \Phi_{1}^{3}$
112490	1575	904	$\frac{11}{226}$	$\frac{1}{8}$	$\frac{43}{226}$	$\frac{61}{226}$	$\Phi_{904}^{2}\ \Phi_{452}^{2}\ \Phi_{226}\ \Phi_{113}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
112491	1575	787	$\frac{32}{787}$	$\frac{115}{787}$	$\frac{151}{787}$	$\frac{212}{787}$	$\Phi_{787}^{2}\ \Phi_{1}^{3}$
112492	1575	948	$\frac{11}{316}$	$\frac{1}{6}$	$\frac{61}{316}$	$\frac{85}{316}$	$\Phi_{948}^{2}\ \Phi_{474}^{2}\ \Phi_{316}\ \Phi_{237}^{2}\ \Phi_{158}\ \Phi_{79}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
112493	1575	787	$\frac{17}{787}$	$\frac{154}{787}$	$\frac{192}{787}$	$\frac{211}{787}$	$\Phi_{787}^{2}\ \Phi_{1}^{3}$
112494	1575	1052	$\frac{11}{526}$	$\frac{103}{526}$	$\frac{1}{4}$	$\frac{141}{526}$	$\Phi_{1052}^{2}\ \Phi_{526}\ \Phi_{263}\ \Phi_{4}\ \Phi_{1}$
112495	1575	232	$\frac{1}{58}$	$\frac{57}{232}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{232}^{9}\ \Phi_{116}^{5}\ \Phi_{58}^{4}\ \Phi_{29}^{4}\ \Phi_{8}^{9}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
112496	1575	348	$\frac{2}{87}$	$\frac{17}{87}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{348}^{4}\ \Phi_{174}^{4}\ \Phi_{116}^{4}\ \Phi_{87}^{6}\ \Phi_{58}^{4}\ \Phi_{29}^{6}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
112497	1575	36	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{36}^{45}\ \Phi_{18}^{45}\ \Phi_{12}^{41}\ \Phi_{9}^{45}\ \Phi_{6}^{40}\ \Phi_{4}^{43}\ \Phi_{3}^{40}\ \Phi_{2}^{42}\ \Phi_{1}^{43}$
112498	1575	116	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{116}^{12}\ \Phi_{58}^{12}\ \Phi_{29}^{18}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{21}$
112499	1575	104	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{104}^{18}\ \Phi_{52}^{14}\ \Phi_{26}^{13}\ \Phi_{13}^{13}\ \Phi_{8}^{9}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
112500	1575	308	$\frac{1}{22}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{308}^{6}\ \Phi_{154}^{6}\ \Phi_{77}^{6}\ \Phi_{44}^{2}\ \Phi_{28}^{3}\ \Phi_{22}\ \Phi_{14}^{3}\ \Phi_{11}\ \Phi_{7}^{3}\ \Phi_{4}\ \Phi_{1}$
112501	1575	1248	$\frac{3}{104}$	$\frac{1}{6}$	$\frac{101}{416}$	$\frac{1}{4}$	$\Phi_{1248}^{2}\ \Phi_{624}^{2}\ \Phi_{416}\ \Phi_{208}\ \Phi_{96}^{2}\ \Phi_{48}^{2}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
112502	1575	352	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{352}^{6}\ \Phi_{176}^{6}\ \Phi_{44}^{2}\ \Phi_{32}^{3}\ \Phi_{22}\ \Phi_{16}^{3}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
112503	1575	1040	$\frac{1}{26}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{1040}^{2}\ \Phi_{520}^{2}\ \Phi_{208}^{2}\ \Phi_{104}^{2}\ \Phi_{80}\ \Phi_{52}^{2}\ \Phi_{40}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
112504	1575	1300	$\frac{1}{26}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1300}^{2}\ \Phi_{650}\ \Phi_{325}\ \Phi_{100}\ \Phi_{52}^{2}\ \Phi_{26}\ \Phi_{25}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
112505	1575	156	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{5}{26}$	$\frac{1}{4}$	$\Phi_{156}^{16}\ \Phi_{78}^{8}\ \Phi_{52}^{8}\ \Phi_{39}^{8}\ \Phi_{26}^{4}\ \Phi_{13}^{4}\ \Phi_{12}^{18}\ \Phi_{6}^{9}\ \Phi_{4}^{9}\ \Phi_{3}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
112506	1575	1052	$\frac{21}{526}$	$\frac{85}{526}$	$\frac{101}{526}$	$\frac{1}{4}$	$\Phi_{1052}^{2}\ \Phi_{526}\ \Phi_{263}\ \Phi_{4}\ \Phi_{1}$
112507	1575	296	$\frac{2}{37}$	$\frac{1}{8}$	$\frac{7}{37}$	$\frac{1}{4}$	$\Phi_{296}^{6}\ \Phi_{148}^{4}\ \Phi_{74}^{4}\ \Phi_{37}^{6}\ \Phi_{8}^{9}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
112508	1575	1052	$\frac{31}{526}$	$\frac{61}{526}$	$\frac{99}{526}$	$\frac{1}{4}$	$\Phi_{1052}^{2}\ \Phi_{526}\ \Phi_{263}\ \Phi_{4}\ \Phi_{1}$
112509	1575	272	$\frac{1}{16}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{272}^{6}\ \Phi_{136}^{6}\ \Phi_{68}^{4}\ \Phi_{34}^{4}\ \Phi_{17}^{6}\ \Phi_{16}^{9}\ \Phi_{8}^{9}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
112510	1575	1052	$\frac{29}{526}$	$\frac{71}{526}$	$\frac{91}{526}$	$\frac{1}{4}$	$\Phi_{1052}^{2}\ \Phi_{526}\ \Phi_{263}\ \Phi_{4}\ \Phi_{1}$
112511	1575	132	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{132}^{16}\ \Phi_{66}^{8}\ \Phi_{44}^{18}\ \Phi_{33}^{8}\ \Phi_{22}^{9}\ \Phi_{12}^{8}\ \Phi_{11}^{9}\ \Phi_{6}^{4}\ \Phi_{4}^{9}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
112512	1575	156	$\frac{3}{52}$	$\frac{7}{52}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{156}^{12}\ \Phi_{78}^{12}\ \Phi_{52}^{6}\ \Phi_{39}^{12}\ \Phi_{26}^{6}\ \Phi_{13}^{6}\ \Phi_{12}^{14}\ \Phi_{6}^{13}\ \Phi_{4}^{7}\ \Phi_{3}^{13}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
112513	1575	48	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{48}^{42}\ \Phi_{24}^{36}\ \Phi_{16}^{21}\ \Phi_{12}^{38}\ \Phi_{8}^{18}\ \Phi_{6}^{37}\ \Phi_{4}^{19}\ \Phi_{3}^{37}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
112514	1575	156	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{156}^{13}\ \Phi_{78}^{5}\ \Phi_{52}^{14}\ \Phi_{39}^{8}\ \Phi_{26}^{6}\ \Phi_{13}^{8}\ \Phi_{12}^{15}\ \Phi_{6}^{6}\ \Phi_{4}^{15}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
112515	1575	868	$\frac{3}{31}$	$\frac{3}{28}$	$\frac{4}{31}$	$\frac{1}{4}$	$\Phi_{868}^2\ \Phi_{434}^2\ \Phi_{217}^2\ \Phi_{31}^2\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_1^3$
112516	1575	280	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{280}^8\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{56}^4\ \Phi_{40}^2\ \Phi_{35}^6\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{14}^3\ \Phi_{10}\ \Phi_8\ \Phi_7^3\ \Phi_5\ \Phi_4\ \Phi_1$
112517	1575	992	$\frac{3}{31}$	$\frac{1}{8}$	$\frac{4}{31}$	$\frac{7}{32}$	$\Phi_{992}^2\ \Phi_{496}^2\ \Phi_{32}^3\ \Phi_{31}^2\ \Phi_{16}^3\ \Phi_1^3$
112518	1575	160	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{32}$	$\Phi_{160}^{14}\ \Phi_{80}^{14}\ \Phi_{40}^2\ \Phi_{32}^7\ \Phi_{20}^2\ \Phi_{16}^7\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
112519	1575	220	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{9}{44}$	$\Phi_{220}^{10}\ \Phi_{110}^6\ \Phi_{55}^6\ \Phi_{44}^5\ \Phi_{22}\ \Phi_{20}^{10}\ \Phi_{11}^5\ \Phi_{10}^5\ \Phi_5^5\ \Phi_4^5\ \Phi_1^5$
112520	1575	925	$\frac{2}{37}$	$\frac{4}{25}$	$\frac{7}{37}$	$\frac{1}{5}$	$\Phi_{925}^2\ \Phi_{37}^2\ \Phi_{25}^3\ \Phi_1^3$
112521	1575	1200	$\frac{1}{16}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}\ \Phi_{300}^2\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{48}^2\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
112522	1575	187	$\frac{1}{11}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{2}{11}$	$\Phi_{187}^8\ \Phi_{17}^{10}\ \Phi_{11}^{12}\ \Phi_1^{15}$
112523	1575	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{2}{11}$	$\Phi_{264}^8\ \Phi_{132}^8\ \Phi_{88}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{33}^4\ \Phi_{24}^{10}\ \Phi_{12}^{10}\ \Phi_{11}^4\ \Phi_8^5\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_1^5$
112524	1575	787	$\frac{72}{787}$	$\frac{92}{787}$	$\frac{139}{787}$	$\frac{143}{787}$	$\Phi_{787}^2\ \Phi_1^3$
112525	1575	904	$\frac{21}{226}$	$\frac{1}{8}$	$\frac{37}{226}$	$\frac{41}{226}$	$\Phi_{904}^2\ \Phi_{452}^2\ \Phi_{226}\ \Phi_{113}\ \Phi_8\ \Phi_4\ \Phi_1$
112526	1575	787	$\frac{77}{787}$	$\frac{94}{787}$	$\frac{129}{787}$	$\frac{142}{787}$	$\Phi_{787}^2\ \Phi_1^3$
112527	1575	948	$\frac{31}{316}$	$\frac{37}{316}$	$\frac{1}{6}$	$\frac{57}{316}$	$\Phi_{948}^2\ \Phi_{474}^2\ \Phi_{316}\ \Phi_{237}^2\ \Phi_{158}\ \Phi_{79}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
112528	1575	510	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{3}{17}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{30}^6\ \Phi_{17}^2\ \Phi_{15}^6\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^3$
112529	1575	880	$\frac{1}{10}$	$\frac{21}{176}$	$\frac{29}{176}$	$\frac{31}{176}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{176}\ \Phi_{110}^2\ \Phi_{88}\ \Phi_{80}^2\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{40}^2\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{11}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
112530	1575	787	$\frac{73}{787}$	$\frac{102}{787}$	$\frac{130}{787}$	$\frac{137}{787}$	$\Phi_{787}^2\ \Phi_1^3$
112531	1575	948	$\frac{29}{316}$	$\frac{41}{316}$	$\frac{1}{6}$	$\frac{55}{316}$	$\Phi_{948}^2\ \Phi_{474}^2\ \Phi_{316}\ \Phi_{237}^2\ \Phi_{158}\ \Phi_{79}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
112532	1575	186	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{186}^8\ \Phi_{93}^8\ \Phi_{62}^8\ \Phi_{31}^{10}\ \Phi_6^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{15}$
112533	1575	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{120}^{16}\ \Phi_{60}^{16}\ \Phi_{40}^{18}\ \Phi_{30}^8\ \Phi_{24}^8\ \Phi_{20}^{18}\ \Phi_{15}^8\ \Phi_{12}^8\ \Phi_{10}^9\ \Phi_8^9\ \Phi_6^4\ \Phi_5^9\ \Phi_4^9\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
112534	1576	393	$\frac{1}{393}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{196}{393}$	$\Phi_{393}^4\ \Phi_{131}^4\ \Phi_3^5\ \Phi_1^6$
112535	1576	315	$\frac{1}{315}$	$\frac{79}{315}$	$\frac{118}{315}$	$\frac{157}{315}$	$\Phi_{315}^5\ \Phi_{105}^5\ \Phi_{63}^5\ \Phi_{45}^5\ \Phi_{35}^5\ \Phi_{21}^5\ \Phi_{15}^5\ \Phi_9^5\ \Phi_7^5\ \Phi_5^5\ \Phi_3^5\ \Phi_1^6$
112536	1576	789	$\frac{1}{263}$	$\frac{66}{263}$	$\frac{1}{3}$	$\frac{131}{263}$	$\Phi_{789}^3\ \Phi_3^2$
112537	1576	785	$\frac{3}{785}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{391}{785}$	$\Phi_{785}^2\ \Phi_{157}^2\ \Phi_5^3\ \Phi_1^4$
112538	1576	675	$\frac{1}{225}$	$\frac{113}{675}$	$\frac{281}{675}$	$\frac{112}{225}$	$\Phi_{675}^2\ \Phi_{225}^3\ \Phi_{135}^2\ \Phi_{75}^3\ \Phi_{45}^3\ \Phi_{27}^2\ \Phi_{25}^3\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
112539	1576	392	$\frac{1}{196}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{195}{392}$	$\Phi_{392}^8\ \Phi_{56}^8\ \Phi_8^8\ \Phi_7\ \Phi_1^2$
112540	1576	5880	$\frac{1}{196}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{195}{392}$	$\Phi_{5880}\ \Phi_{840}\ \Phi_{120}\ \Phi_{15}$
112541	1576	350	$\frac{1}{175}$	$\frac{22}{175}$	$\frac{153}{350}$	$\frac{87}{175}$	$\Phi_{350}^8\ \Phi_{175}\ \Phi_{70}^8\ \Phi_{50}^8\ \Phi_{35}\ \Phi_{25}\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_7\ \Phi_5\ \Phi_2^8\ \Phi_1^2$
112542	1576	525	$\frac{1}{175}$	$\frac{131}{525}$	$\frac{44}{175}$	$\frac{87}{175}$	$\Phi_{525}^4\ \Phi_{175}\ \Phi_{105}^4\ \Phi_{75}^4\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_7\ \Phi_5\ \Phi_3^4\ \Phi_1^2$
112543	1576	783	$\frac{5}{783}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{389}{783}$	$\Phi_{783}^2\ \Phi_{261}^2\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{27}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
112544	1576	735	$\frac{1}{105}$	$\frac{53}{735}$	$\frac{341}{735}$	$\frac{52}{105}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}^2\ \Phi_{105}^3\ \Phi_{49}^2\ \Phi_{35}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_7^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
112545	1576	390	$\frac{2}{195}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{193}{390}$	$\Phi_{390}^8\ \Phi_{130}^8\ \Phi_{78}^8\ \Phi_{30}^8\ \Phi_{26}^8\ \Phi_{15}\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
112546	1576	1170	$\frac{2}{195}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{193}{390}$	$\Phi_{1170}^3\ \Phi_{390}^2\ \Phi_{234}^3\ \Phi_{130}^2\ \Phi_{90}^3\ \Phi_{78}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{18}^3\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
112547	1576	390	$\frac{2}{195}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{193}{390}$	$\Phi_{390}^8\ \Phi_{130}^8\ \Phi_{78}^8\ \Phi_{30}^8\ \Phi_{26}^8\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
112548	1576	1185	$\frac{1}{79}$	$\frac{40}{237}$	$\frac{1}{5}$	$\frac{39}{79}$	$\Phi_{1185}^2\ \Phi_{395}\ \Phi_{15}^2$
112549	1576	375	$\frac{1}{75}$	$\frac{19}{375}$	$\frac{178}{375}$	$\frac{37}{75}$	$\Phi_{375}^4\ \Phi_{125}^4\ \Phi_{75}^5\ \Phi_{25}^5\ \Phi_{15}^5\ \Phi_5^5\ \Phi_3^5\ \Phi_1^6$
112550	1576	1125	$\frac{1}{75}$	$\frac{38}{375}$	$\frac{337}{1125}$	$\frac{37}{75}$	$\Phi_{1125}^2\ \Phi_{225}^2\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{25}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
112551	1576	225	$\frac{1}{75}$	$\frac{28}{225}$	$\frac{19}{75}$	$\frac{37}{75}$	$\Phi_{225}^{8}\,\Phi_{75}^{5}\,\Phi_{45}^{8}\,\Phi_{25}^{5}\,\Phi_{15}^{5}\,\Phi_{9}^{8}\,\Phi_{5}^{5}\,\Phi_{3}^{5}\,\Phi_{1}^{6}$
112552	1576	777	$\frac{11}{777}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{383}{777}$	$\Phi_{777}^{2}\,\Phi_{259}^{2}\,\Phi_{111}^{2}\,\Phi_{37}^{2}\,\Phi_{21}^{3}\,\Phi_{7}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
112553	1576	792	$\frac{1}{66}$	$\frac{1}{9}$	$\frac{67}{264}$	$\frac{65}{132}$	$\Phi_{792}^{3}\,\Phi_{264}^{2}\,\Phi_{198}^{3}\,\Phi_{99}^{3}\,\Phi_{88}^{2}\,\Phi_{72}^{3}\,\Phi_{66}^{2}\,\Phi_{33}^{2}\,\Phi_{24}^{2}\,\Phi_{22}^{2}\,\Phi_{18}^{3}\,\Phi_{11}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
112554	1576	378	$\frac{1}{63}$	$\frac{8}{189}$	$\frac{181}{378}$	$\frac{31}{63}$	$\Phi_{378}^{8}\,\Phi_{126}^{8}\,\Phi_{63}\,\Phi_{54}^{8}\,\Phi_{42}^{8}\,\Phi_{21}\,\Phi_{18}^{8}\,\Phi_{14}^{8}\,\Phi_{9}\,\Phi_{7}\,\Phi_{6}^{8}\,\Phi_{3}\,\Phi_{2}^{8}\,\Phi_{1}^{2}$
112555	1576	567	$\frac{1}{63}$	$\frac{16}{189}$	$\frac{173}{567}$	$\frac{31}{63}$	$\Phi_{567}^{4}\,\Phi_{81}^{4}\,\Phi_{63}\,\Phi_{21}\,\Phi_{9}\,\Phi_{7}\,\Phi_{3}\,\Phi_{1}^{2}$
112556	1576	441	$\frac{1}{63}$	$\frac{47}{441}$	$\frac{16}{63}$	$\frac{31}{63}$	$\Phi_{441}^{4}\,\Phi_{147}^{4}\,\Phi_{63}\,\Phi_{49}^{4}\,\Phi_{21}\,\Phi_{9}\,\Phi_{7}\,\Phi_{3}\,\Phi_{1}^{2}$
112557	1576	252	$\frac{1}{63}$	$\frac{8}{63}$	$\frac{55}{252}$	$\frac{31}{63}$	$\Phi_{252}^{8}\,\Phi_{126}^{8}\,\Phi_{84}^{8}\,\Phi_{63}\,\Phi_{42}^{8}\,\Phi_{36}^{8}\,\Phi_{28}^{8}\,\Phi_{21}\,\Phi_{18}^{8}\,\Phi_{14}^{8}\,\Phi_{12}^{8}\,\Phi_{9}\,\Phi_{7}\,\Phi_{6}^{8}\,\Phi_{4}^{8}\,\Phi_{3}\,\Phi_{2}^{8}\,\Phi_{1}^{2}$
112558	1576	945	$\frac{1}{63}$	$\frac{157}{945}$	$\frac{32}{189}$	$\frac{31}{63}$	$\Phi_{945}^{2}\,\Phi_{315}^{2}\,\Phi_{135}^{2}\,\Phi_{105}^{2}\,\Phi_{63}\,\Phi_{45}^{2}\,\Phi_{35}^{2}\,\Phi_{21}\,\Phi_{15}^{2}\,\Phi_{9}\,\Phi_{7}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
112559	1576	775	$\frac{13}{775}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{381}{775}$	$\Phi_{775}^{2}\,\Phi_{155}^{2}\,\Phi_{31}^{2}\,\Phi_{25}^{3}\,\Phi_{5}^{3}\,\Phi_{1}^{4}$
112560	1576	387	$\frac{7}{387}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{190}{387}$	$\Phi_{387}^{4}\,\Phi_{129}^{4}\,\Phi_{43}^{4}\,\Phi_{9}^{7}\,\Phi_{3}^{7}\,\Phi_{1}^{8}$
112561	1576	765	$\frac{1}{45}$	$\frac{23}{765}$	$\frac{371}{765}$	$\frac{22}{45}$	$\Phi_{765}^{2}\,\Phi_{255}^{2}\,\Phi_{153}^{2}\,\Phi_{85}^{2}\,\Phi_{51}^{2}\,\Phi_{45}^{3}\,\Phi_{17}^{2}\,\Phi_{15}^{3}\,\Phi_{9}^{3}\,\Phi_{5}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
112562	1576	385	$\frac{9}{385}$	$\frac{1}{35}$	$\frac{17}{35}$	$\frac{188}{385}$	$\Phi_{385}^{4}\,\Phi_{77}^{4}\,\Phi_{55}^{4}\,\Phi_{35}^{5}\,\Phi_{11}^{4}\,\Phi_{7}^{5}\,\Phi_{5}^{5}\,\Phi_{1}^{6}$
112563	1576	1152	$\frac{5}{192}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{187}{384}$	$\Phi_{1152}^{3}\,\Phi_{384}^{2}\,\Phi_{128}^{2}\,\Phi_{18}^{3}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
112564	1576	1155	$\frac{1}{35}$	$\frac{18}{385}$	$\frac{367}{1155}$	$\frac{17}{35}$	$\Phi_{1155}^{2}\,\Phi_{231}^{2}\,\Phi_{165}^{2}\,\Phi_{105}^{2}\,\Phi_{35}\,\Phi_{33}^{2}\,\Phi_{21}^{2}\,\Phi_{15}^{2}\,\Phi_{7}\,\Phi_{5}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
112565	1576	210	$\frac{1}{35}$	$\frac{13}{210}$	$\frac{9}{35}$	$\frac{17}{35}$	$\Phi_{210}^{8}\,\Phi_{105}^{8}\,\Phi_{70}^{8}\,\Phi_{42}^{8}\,\Phi_{35}^{5}\,\Phi_{30}^{8}\,\Phi_{21}^{8}\,\Phi_{15}^{8}\,\Phi_{14}^{8}\,\Phi_{10}^{8}\,\Phi_{7}^{5}\,\Phi_{6}^{8}\,\Phi_{5}^{5}\,\Phi_{3}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{6}$
112566	1576	378	$\frac{8}{189}$	$\frac{1}{21}$	$\frac{5}{21}$	$\frac{181}{378}$	$\Phi_{378}^{8}\,\Phi_{126}^{8}\,\Phi_{54}^{8}\,\Phi_{42}^{8}\,\Phi_{21}^{3}\,\Phi_{18}^{8}\,\Phi_{14}^{8}\,\Phi_{7}^{3}\,\Phi_{6}^{8}\,\Phi_{3}^{3}\,\Phi_{2}^{8}\,\Phi_{1}^{4}$
112567	1576	378	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{181}{378}$	$\Phi_{378}^{8}\,\Phi_{126}^{8}\,\Phi_{54}^{8}\,\Phi_{42}^{8}\,\Phi_{18}^{8}\,\Phi_{14}^{8}\,\Phi_{9}^{7}\,\Phi_{6}^{8}\,\Phi_{3}^{7}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
112568	1576	1980	$\frac{1}{22}$	$\frac{23}{220}$	$\frac{1}{9}$	$\frac{21}{44}$	$\Phi_{1980}\,\Phi_{990}\,\Phi_{660}\,\Phi_{495}\,\Phi_{330}\,\Phi_{198}\,\Phi_{180}\,\Phi_{165}\,\Phi_{99}\,\Phi_{90}\,\Phi_{66}\,\Phi_{60}\,\Phi_{45}\,\Phi_{33}\,\Phi_{30}\,\Phi_{18}\,\Phi_{15}\,\Phi_{6}$
112569	1576	375	$\frac{1}{25}$	$\frac{19}{375}$	$\frac{6}{25}$	$\frac{178}{375}$	$\Phi_{375}^{4}\,\Phi_{125}^{4}\,\Phi_{75}^{4}\,\Phi_{25}^{7}\,\Phi_{15}^{4}\,\Phi_{5}^{7}\,\Phi_{3}^{4}\,\Phi_{1}^{8}$
112570	1576	3366	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{177}{374}$	$\Phi_{3366}\,\Phi_{1122}\,\Phi_{306}\,\Phi_{198}\,\Phi_{102}\,\Phi_{99}\,\Phi_{66}\,\Phi_{33}\,\Phi_{18}\,\Phi_{6}$
112571	1576	216	$\frac{1}{18}$	$\frac{19}{216}$	$\frac{1}{9}$	$\frac{17}{36}$	$\Phi_{216}^{8}\,\Phi_{108}^{8}\,\Phi_{72}^{8}\,\Phi_{54}^{8}\,\Phi_{27}^{8}\,\Phi_{24}^{8}\,\Phi_{18}^{8}\,\Phi_{9}^{7}\,\Phi_{8}^{8}\,\Phi_{6}^{8}\,\Phi_{3}^{7}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
112572	1576	1485	$\frac{1}{45}$	$\frac{91}{1485}$	$\frac{44}{135}$	$\frac{697}{1485}$	$\Phi_{1485}\,\Phi_{495}\,\Phi_{297}\,\Phi_{165}\,\Phi_{135}^{2}\,\Phi_{99}\,\Phi_{55}\,\Phi_{45}\,\Phi_{33}\,\Phi_{27}^{2}\,\Phi_{15}\,\Phi_{11}\,\Phi_{9}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$
112573	1576	1485	$\frac{91}{1485}$	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{697}{1485}$	$\Phi_{1485}\,\Phi_{495}\,\Phi_{297}\,\Phi_{165}\,\Phi_{135}\,\Phi_{99}^{2}\,\Phi_{55}\,\Phi_{45}\,\Phi_{33}^{2}\,\Phi_{27}\,\Phi_{15}\,\Phi_{11}^{2}\,\Phi_{9}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$
112574	1576	585	$\frac{4}{195}$	$\frac{1}{15}$	$\frac{191}{585}$	$\frac{7}{15}$	$\Phi_{585}^{4}\,\Phi_{117}^{4}\,\Phi_{45}^{4}\,\Phi_{15}\,\Phi_{9}^{4}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$
112575	1576	405	$\frac{11}{405}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{405}^{4}\,\Phi_{135}^{4}\,\Phi_{81}^{4}\,\Phi_{45}^{4}\,\Phi_{27}^{4}\,\Phi_{15}\,\Phi_{9}^{4}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$
112576	1576	975	$\frac{8}{195}$	$\frac{1}{15}$	$\frac{187}{975}$	$\frac{7}{15}$	$\Phi_{975}^{2}\,\Phi_{325}^{2}\,\Phi_{75}^{2}\,\Phi_{25}^{2}\,\Phi_{15}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$
112577	1576	210	$\frac{13}{210}$	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{7}{15}$	$\Phi_{210}^{8}\,\Phi_{105}^{8}\,\Phi_{70}^{8}\,\Phi_{42}^{8}\,\Phi_{35}^{8}\,\Phi_{30}^{8}\,\Phi_{21}^{8}\,\Phi_{15}\,\Phi_{14}^{8}\,\Phi_{10}^{8}\,\Phi_{7}^{8}\,\Phi_{6}^{8}\,\Phi_{5}\,\Phi_{3}\,\Phi_{2}^{8}\,\Phi_{1}^{2}$
112578	1576	270	$\frac{1}{45}$	$\frac{11}{135}$	$\frac{73}{270}$	$\frac{62}{135}$	$\Phi_{270}^{8}\,\Phi_{135}^{4}\,\Phi_{90}^{8}\,\Phi_{54}^{8}\,\Phi_{45}^{3}\,\Phi_{30}^{8}\,\Phi_{27}^{4}\,\Phi_{18}^{8}\,\Phi_{15}^{3}\,\Phi_{10}^{8}\,\Phi_{9}^{3}\,\Phi_{6}^{8}\,\Phi_{5}^{3}\,\Phi_{3}^{3}\,\Phi_{2}^{8}\,\Phi_{1}^{4}$
112579	1576	360	$\frac{1}{45}$	$\frac{17}{180}$	$\frac{11}{45}$	$\frac{163}{360}$	$\Phi_{360}^{8}\,\Phi_{120}^{8}\,\Phi_{72}^{8}\,\Phi_{45}^{3}\,\Phi_{40}^{8}\,\Phi_{24}^{8}\,\Phi_{15}^{3}\,\Phi_{9}^{3}\,\Phi_{8}^{8}\,\Phi_{5}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
112580	1576	360	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{1}{9}$	$\frac{163}{360}$	$\Phi_{360}^{8}\,\Phi_{120}^{8}\,\Phi_{72}^{8}\,\Phi_{40}^{8}\,\Phi_{24}^{8}\,\Phi_{18}^{8}\,\Phi_{9}^{7}\,\Phi_{8}^{8}\,\Phi_{6}^{8}\,\Phi_{3}^{7}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
112581	1576	261	$\frac{5}{261}$	$\frac{1}{9}$	$\frac{64}{261}$	$\frac{4}{9}$	$\Phi_{261}^{6}\,\Phi_{87}^{6}\,\Phi_{29}^{6}\,\Phi_{9}^{7}\,\Phi_{3}^{7}\,\Phi_{1}^{8}$
112582	1576	405	$\frac{11}{405}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{405}^{4}\,\Phi_{135}^{4}\,\Phi_{81}^{4}\,\Phi_{45}^{4}\,\Phi_{27}^{2}\,\Phi_{15}^{4}\,\Phi_{9}^{3}\,\Phi_{5}^{4}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
112583	1576	3168	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{21}{176}$	$\frac{155}{352}$	$\Phi_{3168}\,\Phi_{1056}\,\Phi_{288}\,\Phi_{198}\,\Phi_{99}\,\Phi_{96}\,\Phi_{66}\,\Phi_{33}\,\Phi_{18}\,\Phi_{6}$
112584	1576	350	$\frac{3}{175}$	$\frac{22}{175}$	$\frac{43}{175}$	$\frac{153}{350}$	$\Phi_{350}^{8}\,\Phi_{175}\,\Phi_{70}^{8}\,\Phi_{50}^{8}\,\Phi_{35}\,\Phi_{25}\,\Phi_{14}^{8}\,\Phi_{10}^{8}\,\Phi_{7}\,\Phi_{5}\,\Phi_{2}^{8}\,\Phi_{1}^{2}$
112585	1576	350	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{22}{175}$	$\frac{153}{350}$	$\Phi_{350}^{8}\,\Phi_{70}^{8}\,\Phi_{50}^{8}\,\Phi_{25}^{7}\,\Phi_{14}^{8}\,\Phi_{10}^{8}\,\Phi_{5}^{7}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
112586	1576	693	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{95}{693}$	$\frac{299}{693}$	$\Phi_{693}^2\ \Phi_{231}^2\ \Phi_{99}^4\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{33}^4\ \Phi_{21}^2\ \Phi_{11}^4\ \Phi_9^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^4$
112587	1576	294	$\frac{1}{98}$	$\frac{1}{7}$	$\frac{97}{294}$	$\frac{3}{7}$	$\Phi_{294}^8\ \Phi_{147}^8\ \Phi_{42}^8\ \Phi_{21}^8\ \Phi_7\ \Phi_6^8\ \Phi_3^8\ \Phi_1^2$
112588	1576	399	$\frac{5}{399}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{399}^4\ \Phi_{133}^4\ \Phi_{57}^4\ \Phi_{21}^4\ \Phi_{19}^4\ \Phi_7\ \Phi_3^4\ \Phi_1^2$
112589	1576	1400	$\frac{3}{200}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}\ \Phi_{200}^2\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}^2\ \Phi_{70}\ \Phi_{56}\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
112590	1576	245	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{48}{245}$	$\frac{3}{7}$	$\Phi_{245}^8\ \Phi_{35}^8\ \Phi_7\ \Phi_5^8\ \Phi_1^2$
112591	1576	203	$\frac{6}{203}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{203}^8\ \Phi_{29}^8\ \Phi_7\ \Phi_1^2$
112592	1576	224	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{224}^8\ \Phi_{112}^8\ \Phi_{56}^8\ \Phi_{32}^8\ \Phi_{16}^8\ \Phi_8^8\ \Phi_7\ \Phi_1^2$
112593	1576	441	$\frac{2}{49}$	$\frac{47}{441}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{441}^4\ \Phi_{147}^4\ \Phi_{63}^4\ \Phi_{21}^4\ \Phi_9^4\ \Phi_7\ \Phi_3^4\ \Phi_1^2$
112594	1576	833	$\frac{45}{833}$	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{833}^2\ \Phi_{119}^2\ \Phi_{17}^2\ \Phi_7\ \Phi_1^2$
112595	1576	210	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{210}^8\ \Phi_{105}^8\ \Phi_{70}^8\ \Phi_{42}^8\ \Phi_{35}^8\ \Phi_{30}^8\ \Phi_{21}^8\ \Phi_{15}^8\ \Phi_{10}^8\ \Phi_7\ \Phi_6^8\ \Phi_5^8\ \Phi_3^8\ \Phi_1^2$
112596	1576	612	$\frac{7}{204}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{204}^2\ \Phi_{153}^3\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{18}^3\ \Phi_{17}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
112597	1576	675	$\frac{1}{45}$	$\frac{22}{135}$	$\frac{113}{675}$	$\frac{281}{675}$	$\Phi_{675}^2\ \Phi_{225}^2\ \Phi_{135}^4\ \Phi_{75}^2\ \Phi_{45}^3\ \Phi_{27}^4\ \Phi_{25}^2\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
112598	1576	990	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{32}{165}$	$\frac{133}{330}$	$\Phi_{990}^3\ \Phi_{330}^2\ \Phi_{198}^3\ \Phi_{110}^2\ \Phi_{99}^3\ \Phi_{90}^3\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
112599	1576	200	$\frac{3}{200}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{200}^8\ \Phi_{100}^8\ \Phi_{50}^8\ \Phi_{40}^8\ \Phi_{25}^8\ \Phi_{20}^8\ \Phi_{10}^8\ \Phi_8^8\ \Phi_5^3\ \Phi_4^8\ \Phi_2^8\ \Phi_1^4$
112600	1576	210	$\frac{1}{21}$	$\frac{13}{210}$	$\frac{5}{21}$	$\frac{8}{21}$	$\Phi_{210}^8\ \Phi_{105}^8\ \Phi_{70}^8\ \Phi_{42}^8\ \Phi_{35}^8\ \Phi_{30}^8\ \Phi_{21}^3\ \Phi_{15}^8\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_7^3\ \Phi_6^8\ \Phi_5^8\ \Phi_3^3\ \Phi_2^8\ \Phi_1^4$
112601	1576	225	$\frac{1}{45}$	$\frac{28}{225}$	$\frac{11}{45}$	$\frac{17}{45}$	$\Phi_{225}^8\ \Phi_{75}^8\ \Phi_{45}^3\ \Phi_{25}^8\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
112602	1576	1580	$\frac{1}{79}$	$\frac{1}{5}$	$\frac{39}{158}$	$\frac{119}{316}$	$\Phi_{1580}^2\ \Phi_{395}\ \Phi_{20}^2$
112603	1576	315	$\frac{1}{105}$	$\frac{26}{105}$	$\frac{79}{315}$	$\frac{118}{315}$	$\Phi_{315}^4\ \Phi_{105}^7\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{35}^7\ \Phi_{21}^7\ \Phi_{15}^7\ \Phi_9^4\ \Phi_7^7\ \Phi_5^7\ \Phi_3^7\ \Phi_1^8$
112604	1576	200	$\frac{3}{200}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{200}^8\ \Phi_{100}^8\ \Phi_{50}^8\ \Phi_{40}^8\ \Phi_{25}^7\ \Phi_{20}^8\ \Phi_{10}^8\ \Phi_8^8\ \Phi_5^7\ \Phi_4^8\ \Phi_2^8\ \Phi_1^8$
112605	1576	1215	$\frac{1}{45}$	$\frac{44}{405}$	$\frac{361}{1215}$	$\frac{427}{1215}$	$\Phi_{1215}\ \Phi_{405}^2\ \Phi_{243}\ \Phi_{135}^2\ \Phi_{81}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
112606	1576	300	$\frac{1}{25}$	$\frac{3}{50}$	$\frac{47}{150}$	$\frac{103}{300}$	$\Phi_{300}^8\ \Phi_{100}^8\ \Phi_{60}^8\ \Phi_{50}^8\ \Phi_{25}^7\ \Phi_{20}^8\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_5^7\ \Phi_4^8\ \Phi_2^8\ \Phi_1^8$
112607	1576	1197	$\frac{1}{21}$	$\frac{20}{399}$	$\frac{379}{1197}$	$\frac{409}{1197}$	$\Phi_{1197}\ \Phi_{399}^2\ \Phi_{171}\ \Phi_{133}^2\ \Phi_{63}\ \Phi_{57}^2\ \Phi_{21}\ \Phi_{19}^2\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
112608	1576	297	$\frac{2}{99}$	$\frac{1}{9}$	$\frac{97}{297}$	$\frac{100}{297}$	$\Phi_{297}^4\ \Phi_{99}^8\ \Phi_{33}^8\ \Phi_{27}^4\ \Phi_{11}^8\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
112609	1576	1185	$\frac{4}{395}$	$\frac{1}{5}$	$\frac{391}{1185}$	$\frac{397}{1185}$	$\Phi_{1185}\ \Phi_{395}^2\ \Phi_{237}\ \Phi_{79}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
112610	1576	198	$\frac{1}{198}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{198}^8\ \Phi_{99}^8\ \Phi_{66}^8\ \Phi_{33}^8\ \Phi_{22}^8\ \Phi_{18}^8\ \Phi_{11}^8\ \Phi_9^8\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
112611	1576	1179	$\frac{2}{393}$	$\frac{391}{1179}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1179}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
112612	1576	786	$\frac{1}{131}$	$\frac{65}{262}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{786}^2\ \Phi_{393}\ \Phi_{262}^4\ \Phi_{131}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
112613	1576	1470	$\frac{1}{98}$	$\frac{1}{5}$	$\frac{97}{294}$	$\frac{1}{3}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}^2\ \Phi_{245}^2\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
112614	1576	600	$\frac{3}{200}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{150}^4\ \Phi_{120}^4\ \Phi_{75}^4\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4$
112615	1576	735	$\frac{1}{49}$	$\frac{48}{245}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{735}^3\ \Phi_{147}^4\ \Phi_{105}^3\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_3^4$
112616	1576	3045	$\frac{6}{203}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3045}\ \Phi_{435}\ \Phi_{15}$
112617	1576	3360	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{15}$
112618	1576	210	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^7\ \Phi_{105}^7\ \Phi_{70}^8\ \Phi_{42}^8\ \Phi_{35}^8\ \Phi_{30}^7\ \Phi_{21}^8\ \Phi_{15}^8\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_7^8\ \Phi_6^8\ \Phi_5^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
112619	1576	234	$\frac{2}{39}$	$\frac{1}{9}$	$\frac{37}{234}$	$\frac{1}{3}$	$\Phi_{234}^8\ \Phi_{117}^5\ \Phi_{78}^8\ \Phi_{39}^6\ \Phi_{26}^8\ \Phi_{18}^8\ \Phi_{13}^6\ \Phi_9^7\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
112620	1576	630	$\frac{13}{210}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^2\ \Phi_{126}^3\ \Phi_{105}^2\ \Phi_{90}^3\ \Phi_{70}^2\ \Phi_{63}^3\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
112621	1576	585	$\frac{4}{195}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{191}{585}$	$\Phi_{585}^4\ \Phi_{117}^4\ \Phi_{45}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
112622	1576	288	$\frac{5}{96}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{91}{288}$	$\Phi_{288}^{5}\ \Phi_{144}^{5}\ \Phi_{96}^{6}\ \Phi_{72}^{5}\ \Phi_{48}^{6}\ \Phi_{36}^{5}\ \Phi_{32}^{6}\ \Phi_{24}^{6}\ \Phi_{18}^{8}\ \Phi_{16}^{6}\ \Phi_{12}^{6}\ \Phi_{9}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{8}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
112623	1576	891	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{103}{891}$	$\frac{91}{297}$	$\Phi_{891}^{2}\ \Phi_{297}\ \Phi_{99}^{2}\ \Phi_{81}^{2}\ \Phi_{33}^{2}\ \Phi_{27}\ \Phi_{11}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
112624	1576	567	$\frac{1}{21}$	$\frac{16}{189}$	$\frac{5}{21}$	$\frac{173}{567}$	$\Phi_{567}^{4}\ \Phi_{81}^{4}\ \Phi_{21}^{3}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
112625	1576	216	$\frac{19}{216}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{216}^{8}\ \Phi_{108}^{8}\ \Phi_{72}^{8}\ \Phi_{54}^{8}\ \Phi_{36}^{8}\ \Phi_{24}^{8}\ \Phi_{18}^{8}\ \Phi_{12}^{8}\ \Phi_{9}^{7}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
112626	1576	270	$\frac{1}{45}$	$\frac{17}{90}$	$\frac{11}{45}$	$\frac{73}{270}$	$\Phi_{270}^{8}\ \Phi_{135}^{8}\ \Phi_{54}^{8}\ \Phi_{45}^{3}\ \Phi_{27}^{8}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
112627	1576	270	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{17}{90}$	$\frac{73}{270}$	$\Phi_{270}^{8}\ \Phi_{135}^{8}\ \Phi_{54}^{8}\ \Phi_{27}^{8}\ \Phi_{18}^{8}\ \Phi_{9}^{7}\ \Phi_{6}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
112628	1576	405	$\frac{11}{405}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{405}^{4}\ \Phi_{135}^{4}\ \Phi_{81}^{4}\ \Phi_{45}^{4}\ \Phi_{27}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
112629	1576	441	$\frac{1}{21}$	$\frac{47}{441}$	$\frac{5}{21}$	$\frac{16}{63}$	$\Phi_{441}^{4}\ \Phi_{147}^{4}\ \Phi_{49}^{4}\ \Phi_{21}^{3}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
112630	1576	792	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{21}{88}$	$\frac{67}{264}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}\ \Phi_{198}^{3}\ \Phi_{132}\ \Phi_{99}^{3}\ \Phi_{88}^{2}\ \Phi_{72}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{36}^{2}\ \Phi_{33}^{2}\ \Phi_{24}\ \Phi_{22}^{2}\ \Phi_{18}^{3}\ \Phi_{12}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
112631	1576	225	$\frac{1}{25}$	$\frac{28}{225}$	$\frac{6}{25}$	$\frac{19}{75}$	$\Phi_{225}^{8}\ \Phi_{75}^{4}\ \Phi_{45}^{8}\ \Phi_{25}^{7}\ \Phi_{15}^{4}\ \Phi_{9}^{8}\ \Phi_{5}^{7}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
112632	1576	525	$\frac{3}{175}$	$\frac{43}{175}$	$\frac{131}{525}$	$\frac{44}{175}$	$\Phi_{525}^{4}\ \Phi_{175}\ \Phi_{105}^{4}\ \Phi_{75}^{4}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}^{4}\ \Phi_{15}^{4}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
112633	1576	260	$\frac{2}{65}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{63}{260}$	$\Phi_{260}^{8}\ \Phi_{130}^{8}\ \Phi_{52}^{8}\ \Phi_{26}^{8}\ \Phi_{20}^{8}\ \Phi_{10}^{8}\ \Phi_{5}^{3}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
112634	1576	250	$\frac{1}{25}$	$\frac{19}{125}$	$\frac{53}{250}$	$\frac{6}{25}$	$\Phi_{250}^{8}\ \Phi_{125}^{4}\ \Phi_{50}^{8}\ \Phi_{25}^{7}\ \Phi_{10}^{8}\ \Phi_{5}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
112635	1576	252	$\frac{1}{21}$	$\frac{8}{63}$	$\frac{55}{252}$	$\frac{5}{21}$	$\Phi_{252}^{8}\ \Phi_{126}^{8}\ \Phi_{84}^{8}\ \Phi_{42}^{8}\ \Phi_{36}^{8}\ \Phi_{28}^{8}\ \Phi_{21}^{3}\ \Phi_{18}^{8}\ \Phi_{14}^{8}\ \Phi_{12}^{8}\ \Phi_{7}^{3}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{3}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
112636	1576	252	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{252}$	$\Phi_{252}^{8}\ \Phi_{126}^{8}\ \Phi_{84}^{8}\ \Phi_{42}^{8}\ \Phi_{36}^{8}\ \Phi_{28}^{8}\ \Phi_{18}^{8}\ \Phi_{14}^{8}\ \Phi_{12}^{8}\ \Phi_{9}^{7}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
112637	1576	225	$\frac{22}{225}$	$\frac{28}{225}$	$\frac{29}{225}$	$\frac{49}{225}$	$\Phi_{225}^{7}\ \Phi_{75}^{7}\ \Phi_{45}^{7}\ \Phi_{25}^{7}\ \Phi_{15}^{7}\ \Phi_{9}^{7}\ \Phi_{5}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
112638	1576	216	$\frac{19}{216}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{216}^{8}\ \Phi_{108}^{8}\ \Phi_{72}^{5}\ \Phi_{54}^{8}\ \Phi_{36}^{5}\ \Phi_{27}^{8}\ \Phi_{24}^{6}\ \Phi_{18}^{8}\ \Phi_{12}^{6}\ \Phi_{9}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{8}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
112639	1576	495	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{495}$	$\frac{101}{495}$	$\Phi_{495}^{3}\ \Phi_{165}^{3}\ \Phi_{99}^{4}\ \Phi_{55}^{3}\ \Phi_{45}^{3}\ \Phi_{33}^{4}\ \Phi_{15}^{3}\ \Phi_{11}^{4}\ \Phi_{9}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
112640	1576	455	$\frac{4}{65}$	$\frac{61}{455}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{455}^{4}\ \Phi_{91}^{4}\ \Phi_{35}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
112641	1576	210	$\frac{13}{210}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{210}^{8}\ \Phi_{105}^{8}\ \Phi_{70}^{8}\ \Phi_{42}^{8}\ \Phi_{35}^{8}\ \Phi_{30}^{8}\ \Phi_{21}^{8}\ \Phi_{14}^{8}\ \Phi_{10}^{8}\ \Phi_{7}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{3}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
112642	1576	720	$\frac{5}{48}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{43}{240}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{2}\ \Phi_{180}^{3}\ \Phi_{120}^{2}\ \Phi_{90}^{3}\ \Phi_{80}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{3}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
112643	1577	3136	$\frac{9}{1568}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1559}{3136}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{64}\ \Phi_{16}\ \Phi_{1}$
112644	1577	1896	$\frac{3}{316}$	$\frac{319}{1896}$	$\frac{1}{4}$	$\frac{313}{632}$	$\Phi_{1896}\ \Phi_{948}\ \Phi_{474}\ \Phi_{316}\ \Phi_{237}\ \Phi_{158}\ \Phi_{79}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
112645	1577	3120	$\frac{17}{1560}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1543}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{80}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
112646	1577	3120	$\frac{17}{1560}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1543}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{80}\ \Phi_{48}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
112647	1577	1476	$\frac{1}{82}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{81}{164}$	$\Phi_{738}^{2}\ \Phi_{369}^{2}\ \Phi_{246}^{2}\ \Phi_{164}\ \Phi_{123}^{2}\ \Phi_{82}^{2}\ \Phi_{41}^{2}\ \Phi_{36}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
112648	1577	3444	$\frac{1}{82}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{81}{164}$	$\Phi_{3444}\ \Phi_{1148}\ \Phi_{164}\ \Phi_{84}\ \Phi_{28}\ \Phi_{21}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
112649	1577	4428	$\frac{1}{82}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{81}{164}$	$\Phi_{4428}\ \Phi_{164}\ \Phi_{108}\ \Phi_{27}\ \Phi_{4}\ \Phi_{1}$
112650	1577	984	$\frac{1}{82}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{81}{164}$	$\Phi_{984}^{2}\ \Phi_{328}^{2}\ \Phi_{246}^{2}\ \Phi_{164}\ \Phi_{123}^{2}\ \Phi_{82}^{2}\ \Phi_{41}^{2}\ \Phi_{24}^{3}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
112651	1577	2112	$\frac{7}{528}$	$\frac{1}{8}$	$\frac{535}{2112}$	$\frac{521}{1056}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{64}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
112652	1577	1620	$\frac{2}{81}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}^{2}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
112653	1577	3072	$\frac{41}{1536}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1495}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
112654	1577	560	$\frac{1}{28}$	$\frac{1}{20}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{560}^{4}\ \Phi_{140}^{4}\ \Phi_{112}^{3}\ \Phi_{80}^{4}\ \Phi_{70}^{4}\ \Phi_{35}^{4}\ \Phi_{28}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{14}^{3}\ \Phi_{10}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
112655	1577	160	$\frac{3}{80}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{160}^{19}\ \Phi_{32}^{19}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
112656	1577	1760	$\frac{7}{176}$	$\frac{183}{1760}$	$\frac{1}{8}$	$\frac{169}{352}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{16}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
112657	1577	3024	$\frac{65}{1512}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1447}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
112658	1577	1728	$\frac{7}{144}$	$\frac{151}{1728}$	$\frac{1}{8}$	$\frac{137}{288}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
112659	1577	2992	$\frac{81}{1496}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1415}{2992}$	$\Phi_{2992}\ \Phi_{272}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
112660	1577	1476	$\frac{1}{41}$	$\frac{1}{18}$	$\frac{40}{123}$	$\frac{17}{36}$	$\Phi_{1476}^{2}\ \Phi_{492}^{2}\ \Phi_{164}^{2}\ \Phi_{123}\ \Phi_{36}^{3}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
112661	1577	780	$\frac{1}{20}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{73}{156}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}^{2}\ \Phi_{156}\ \Phi_{130}^{2}\ \Phi_{78}^{2}\ \Phi_{65}^{2}\ \Phi_{60}^{4}\ \Phi_{52}\ \Phi_{39}^{2}\ \Phi_{30}^{4}\ \Phi_{26}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{4}\ \Phi_{13}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
112662	1577	1540	$\frac{1}{20}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{154}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{140}^{2}\ \Phi_{110}\ \Phi_{77}\ \Phi_{70}^{2}\ \Phi_{55}\ \Phi_{44}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{20}\ \Phi_{14}\ \Phi_{11}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
112663	1577	480	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{11}{24}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{4}\ \Phi_{96}^{3}\ \Phi_{80}^{4}\ \Phi_{60}^{4}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{30}^{4}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
112664	1577	2880	$\frac{7}{144}$	$\frac{137}{1440}$	$\frac{1}{8}$	$\frac{1303}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
112665	1577	2816	$\frac{7}{176}$	$\frac{169}{1408}$	$\frac{1}{8}$	$\frac{1239}{2816}$	$\Phi_{2816}\ \Phi_{256}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
112666	1577	2352	$\frac{9}{784}$	$\frac{1}{8}$	$\frac{775}{2352}$	$\frac{7}{16}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
112667	1577	1600	$\frac{23}{1600}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{64}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
112668	1577	1792	$\frac{9}{224}$	$\frac{215}{1792}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_{1}$
112669	1577	1680	$\frac{103}{1680}$	$\frac{9}{112}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
112670	1577	1632	$\frac{55}{1632}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
112671	1577	1600	$\frac{23}{1600}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{64}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
112672	1577	720	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{144}$	$\Phi_{720}^{4}\ \Phi_{240}^{4}\ \Phi_{144}^{3}\ \Phi_{80}^{4}\ \Phi_{60}^{4}\ \Phi_{48}^{3}\ \Phi_{30}^{4}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
112673	1577	140	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{57}{140}$	$\Phi_{140}^{11}\ \Phi_{70}^{12}\ \Phi_{35}^{12}\ \Phi_{28}^{11}\ \Phi_{20}^{10}\ \Phi_{14}^{11}\ \Phi_{10}^{11}\ \Phi_{7}^{11}\ \Phi_{5}^{11}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
112674	1577	672	$\frac{1}{84}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{672}^{4}\ \Phi_{224}^{4}\ \Phi_{96}^{4}\ \Phi_{84}^{3}\ \Phi_{42}^{3}\ \Phi_{32}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
112675	1577	2640	$\frac{7}{264}$	$\frac{1}{8}$	$\frac{257}{1320}$	$\frac{1063}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{264}\ \Phi_{240}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{80}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
112676	1577	2528	$\frac{3}{316}$	$\frac{313}{1264}$	$\frac{1}{4}$	$\frac{951}{2528}$	$\Phi_{2528}\ \Phi_{316}\ \Phi_{158}\ \Phi_{79}\ \Phi_{32}\ \Phi_{1}$
112677	1577	168	$\frac{1}{84}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^{8}\ \Phi_{84}^{11}\ \Phi_{56}^{8}\ \Phi_{42}^{11}\ \Phi_{28}^{11}\ \Phi_{24}^{7}\ \Phi_{21}^{11}\ \Phi_{14}^{11}\ \Phi_{12}^{10}\ \Phi_{8}^{8}\ \Phi_{7}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
112678	1577	440	$\frac{1}{20}$	$\frac{5}{88}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^{4}\ \Phi_{220}^{4}\ \Phi_{110}^{4}\ \Phi_{88}^{3}\ \Phi_{55}^{4}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{20}^{3}\ \Phi_{11}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
112679	1577	420	$\frac{1}{84}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{3}\ \Phi_{70}^{4}\ \Phi_{60}^{4}\ \Phi_{42}^{3}\ \Phi_{35}^{4}\ \Phi_{30}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
112680	1577	1260	$\frac{1}{21}$	$\frac{1}{20}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{1260}\ \Phi_{630}\ \Phi_{420}^{2}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}^{2}\ \Phi_{180}\ \Phi_{140}^{2}\ \Phi_{105}^{2}\ \Phi_{90}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{63}\ \Phi_{60}^{2}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
112681	1577	2364	$\frac{1}{197}$	$\frac{196}{591}$	$\frac{787}{2364}$	$\frac{395}{1182}$	$\Phi_{2364}\ \Phi_{788}\ \Phi_{591}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
112682	1577	861	$\frac{1}{41}$	$\frac{2}{21}$	$\frac{40}{123}$	$\frac{1}{3}$	$\Phi_{861}^{2}\ \Phi_{287}^{2}\ \Phi_{123}\ \Phi_{21}^{3}\ \Phi_{7}^{3}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
112683	1577	540	$\frac{1}{20}$	$\frac{2}{27}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^2\ \Phi_{90}^3\ \Phi_{60}^4\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^4\ \Phi_{27}^3\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
112684	1577	180	$\frac{1}{20}$	$\frac{7}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^9\ \Phi_{90}^8\ \Phi_{60}^{10}\ \Phi_{45}^8\ \Phi_{36}^9\ \Phi_{30}^9\ \Phi_{20}^9\ \Phi_{18}^8\ \Phi_{15}^9\ \Phi_{12}^{10}\ \Phi_{10}^8\ \Phi_9^9\ \Phi_6^9\ \Phi_5^8\ \Phi_4^9\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
112685	1577	2340	$\frac{17}{780}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{763}{2340}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{234}\ \Phi_{180}\ \Phi_{117}\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
112686	1577	1107	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{40}{123}$	$\Phi_{1107}^2\ \Phi_{123}\ \Phi_{27}^3\ \Phi_3\ \Phi_1$
112687	1577	984	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{40}{123}$	$\Phi_{984}^2\ \Phi_{492}^2\ \Phi_{328}^2\ \Phi_{164}^2\ \Phi_{123}\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
112688	1577	2304	$\frac{41}{768}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{727}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
112689	1577	120	$\frac{1}{20}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{120}^{19}\ \Phi_{60}^{19}\ \Phi_{30}^{19}\ \Phi_{24}^{19}\ \Phi_{20}^3\ \Phi_{15}^{19}\ \Phi_{12}^{19}\ \Phi_{10}^3\ \Phi_6^{19}\ \Phi_5^3\ \Phi_4^2\ \Phi_3^{19}\ \Phi_2^2\ \Phi_1^3$
112690	1577	540	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{135}^4\ \Phi_{108}^3\ \Phi_{60}^4\ \Phi_{54}^3\ \Phi_{30}^4\ \Phi_{27}^3\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
112691	1577	1728	$\frac{151}{1728}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{216}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
112692	1577	1872	$\frac{17}{312}$	$\frac{1}{8}$	$\frac{295}{1872}$	$\frac{7}{24}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
112693	1577	1680	$\frac{103}{1680}$	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{7}{24}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
112694	1577	1620	$\frac{43}{1620}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{81}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
112695	1577	2160	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{137}{720}$	$\frac{583}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
112696	1577	2112	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{169}{704}$	$\frac{535}{2112}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
112697	1577	2080	$\frac{17}{520}$	$\frac{3}{20}$	$\frac{503}{2080}$	$\frac{1}{4}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{416}\ \Phi_{208}\ \Phi_{160}\ \Phi_{80}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
112698	1577	480	$\frac{1}{20}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^3\ \Phi_{60}^4\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
112699	1577	100	$\frac{1}{20}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{100}^{19}\ \Phi_{50}^{19}\ \Phi_{25}^{19}\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
112700	1577	1680	$\frac{103}{1680}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
112701	1577	1820	$\frac{17}{260}$	$\frac{243}{1820}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{182}\ \Phi_{140}\ \Phi_{91}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
112702	1577	2016	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{504}$	$\frac{439}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
112703	1577	1728	$\frac{151}{1728}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{192}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
112704	1577	1920	$\frac{41}{384}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{343}{1920}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
112705	1578	2620	$\frac{1}{262}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{261}{524}$	$\Phi_{2620}\ \Phi_{524}^2\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
112706	1578	1572	$\frac{1}{262}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{261}{524}$	$\Phi_{1572}\ \Phi_{786}^2\ \Phi_{393}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
112707	1578	4710	$\frac{4}{785}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{781}{1570}$	$\Phi_{4710}\ \Phi_{942}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
112708	1578	948	$\frac{1}{158}$	$\frac{53}{316}$	$\frac{1}{3}$	$\frac{157}{316}$	$\Phi_{948}^2\ \Phi_{474}^3\ \Phi_{237}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
112709	1578	3654	$\frac{2}{261}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{259}{522}$	$\Phi_{3654}\ \Phi_{1218}\ \Phi_{406}\ \Phi_{126}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
112710	1578	2464	$\frac{1}{88}$	$\frac{1}{7}$	$\frac{89}{352}$	$\frac{87}{176}$	$\Phi_{2464}\ \Phi_{616}\ \Phi_{308}\ \Phi_{224}\ \Phi_{154}\ \Phi_{77}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
112711	1578	1560	$\frac{3}{260}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{257}{520}$	$\Phi_{1560}^3\ \Phi_{312}^3\ \Phi_{120}^3\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{15}\ \Phi_6$
112712	1578	3640	$\frac{3}{260}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{257}{520}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{280}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
112713	1578	498	$\frac{1}{83}$	$\frac{14}{249}$	$\frac{235}{498}$	$\frac{41}{83}$	$\Phi_{498}^6\ \Phi_{166}^6\ \Phi_{83}\ \Phi_6^6\ \Phi_2^6\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
112714	1578	332	$\frac{1}{83}$	$\frac{14}{83}$	$\frac{69}{332}$	$\frac{41}{83}$	$\Phi_{332}^6\ \Phi_{166}^6\ \Phi_{83}\ \Phi_4^6\ \Phi_2^6\ \Phi_1^2$
112715	1578	1558	$\frac{10}{779}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{769}{1558}$	$\Phi_{1558}^2\ \Phi_{82}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_2^2\ \Phi_1^2$
112716	1578	3612	$\frac{5}{258}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{253}{516}$	$\Phi_{3612}\ \Phi_{1204}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
112717	1578	513	$\frac{13}{513}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{250}{513}$	$\Phi_{513}^3\ \Phi_{171}^3\ \Phi_{57}^3\ \Phi_{27}^3\ \Phi_{19}^5\ \Phi_9^3\ \Phi_3^3\ \Phi_1^6$
112718	1578	3584	$\frac{7}{256}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{249}{512}$	$\Phi_{3584}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
112719	1578	1020	$\frac{8}{255}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{247}{510}$	$\Phi_{1020}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{204}^2\ \Phi_{85}^2\ \Phi_{68}^3\ \Phi_{60}^2\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{20}^2\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
112720	1578	1116	$\frac{1}{31}$	$\frac{16}{279}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{372}^2\ \Phi_{186}^2\ \Phi_{124}\ \Phi_{62}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
112721	1578	1064	$\frac{9}{266}$	$\frac{1}{19}$	$\frac{275}{1064}$	$\frac{257}{532}$	$\Phi_{1064}^2\ \Phi_{266}^2\ \Phi_{152}^2\ \Phi_{133}^2\ \Phi_{56}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_2^2\ \Phi_1^2$
112722	1578	1520	$\frac{29}{760}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{731}{1520}$	$\Phi_{1520}^2\ \Phi_{304}^2\ \Phi_{80}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_2^2\ \Phi_1^2$
112723	1578	3542	$\frac{10}{253}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{243}{506}$	$\Phi_{3542}\ \Phi_{322}\ \Phi_{154}\ \Phi_{77}\ \Phi_{14}$
112724	1578	2016	$\frac{1}{24}$	$\frac{25}{288}$	$\frac{1}{7}$	$\frac{23}{48}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
112725	1578	504	$\frac{11}{252}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{241}{504}$	$\Phi_{504}^6\ \Phi_{168}^6\ \Phi_{84}\ \Phi_{72}^6\ \Phi_{56}^6\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}^6\ \Phi_{21}\ \Phi_{14}\ \Phi_8^6$
112726	1578	498	$\frac{14}{249}$	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{235}{498}$	$\Phi_{498}^6\ \Phi_{166}^6\ \Phi_{83}\ \Phi_6^6\ \Phi_2^6\ \Phi_1^2$
112727	1578	272	$\frac{9}{272}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{272}^6\ \Phi_{136}^6\ \Phi_{68}^5\ \Phi_{34}^5\ \Phi_{17}^6\ \Phi_{16}^6\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
112728	1578	496	$\frac{1}{31}$	$\frac{15}{248}$	$\frac{1}{4}$	$\frac{233}{496}$	$\Phi_{496}^6\ \Phi_{124}\ \Phi_{62}\ \Phi_{16}^6$
112729	1578	494	$\frac{1}{19}$	$\frac{16}{247}$	$\frac{3}{19}$	$\frac{231}{494}$	$\Phi_{494}^6\ \Phi_{38}^6\ \Phi_{26}^6\ \Phi_{19}^5\ \Phi_2^6\ \Phi_1^6$
112730	1578	1463	$\frac{1}{19}$	$\frac{115}{1463}$	$\frac{18}{133}$	$\frac{674}{1463}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{133}^2\ \Phi_{77}\ \Phi_{19}\ \Phi_{11}\ \Phi_7^2\ \Phi_1^2$
112731	1578	304	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{41}{304}$	$\frac{35}{76}$	$\Phi_{304}^6\ \Phi_{152}^6\ \Phi_{38}^6\ \Phi_{19}^5\ \Phi_{16}^6\ \Phi_8^6\ \Phi_2^6\ \Phi_1^6$
112732	1578	3388	$\frac{1}{22}$	$\frac{21}{242}$	$\frac{1}{7}$	$\frac{221}{484}$	$\Phi_{3388}\ \Phi_{308}\ \Phi_{154}\ \Phi_{77}\ \Phi_{28}\ \Phi_{14}$
112733	1578	3360	$\frac{1}{24}$	$\frac{23}{240}$	$\frac{1}{7}$	$\frac{217}{480}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{224}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
112734	1578	2400	$\frac{11}{800}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{96}\ \Phi_{75}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
112735	1578	474	$\frac{1}{79}$	$\frac{26}{237}$	$\frac{1}{3}$	$\frac{211}{474}$	$\Phi_{474}^6\ \Phi_{237}\ \Phi_{158}^6\ \Phi_6^6\ \Phi_2^6$
112736	1578	1904	$\frac{9}{272}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{119}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
112737	1578	462	$\frac{1}{33}$	$\frac{32}{231}$	$\frac{1}{7}$	$\frac{199}{462}$	$\Phi_{462}^6\ \Phi_{231}\ \Phi_{154}^6\ \Phi_{77}\ \Phi_{66}^6\ \Phi_{42}^6\ \Phi_{22}^6\ \Phi_{21}\ \Phi_{14}^6\ \Phi_6^6\ \Phi_2^6$
112738	1578	456	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{35}{228}$	$\frac{193}{456}$	$\Phi_{456}^6\ \Phi_{152}^6\ \Phi_{38}^6\ \Phi_{24}^6\ \Phi_{19}^5\ \Phi_8^6\ \Phi_2^6\ \Phi_1^6$
112739	1578	1330	$\frac{1}{19}$	$\frac{9}{133}$	$\frac{124}{665}$	$\frac{541}{1330}$	$\Phi_{1330}^2\ \Phi_{266}^2\ \Phi_{190}^2\ \Phi_{133}^2\ \Phi_{70}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_2^2\ \Phi_1^2$
112740	1578	1328	$\frac{1}{83}$	$\frac{125}{664}$	$\frac{41}{166}$	$\frac{539}{1328}$	$\Phi_{1328}^2\ \Phi_{166}^2\ \Phi_{83}\ \Phi_{16}^2\ \Phi_2^2\ \Phi_1^2$
112741	1578	3080	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{43}{220}$	$\frac{177}{440}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{308}\ \Phi_{280}\ \Phi_{154}\ \Phi_{77}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
112742	1578	1965	$\frac{1}{131}$	$\frac{1}{5}$	$\frac{130}{393}$	$\frac{2}{5}$	$\Phi_{1965}\ \Phi_{393}^2\ \Phi_{15}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
112743	1578	836	$\frac{1}{19}$	$\frac{47}{836}$	$\frac{9}{38}$	$\frac{29}{76}$	$\Phi_{836}^2\ \Phi_{418}^2\ \Phi_{209}^2\ \Phi_{44}^2\ \Phi_{38}^2\ \Phi_{22}^2\ \Phi_{19}\ \Phi_{11}^2\ \Phi_2^2\ \Phi_1^2$
112744	1578	332	$\frac{1}{83}$	$\frac{69}{332}$	$\frac{41}{166}$	$\frac{125}{332}$	$\Phi_{332}^4\ \Phi_{166}^6\ \Phi_{83}^5\ \Phi_4^4\ \Phi_2^6\ \Phi_1^6$
112745	1578	3792	$\frac{1}{158}$	$\frac{157}{632}$	$\frac{1}{3}$	$\frac{475}{1264}$	$\Phi_{3792}\ \Phi_{474}\ \Phi_{237}\ \Phi_{48}\ \Phi_6$
112746	1578	266	$\frac{3}{266}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{266}^6\ \Phi_{133}^6\ \Phi_{38}^6\ \Phi_{19}^5\ \Phi_{14}^6\ \Phi_7^6\ \Phi_2^6\ \Phi_1^6$
112747	1578	415	$\frac{1}{83}$	$\frac{82}{415}$	$\frac{111}{415}$	$\frac{152}{415}$	$\Phi_{415}^4\ \Phi_{83}^3\ \Phi_5^4\ \Phi_1^4$
112748	1578	399	$\frac{6}{133}$	$\frac{1}{19}$	$\frac{127}{399}$	$\frac{136}{399}$	$\Phi_{399}^3\ \Phi_{133}^6\ \Phi_{57}^3\ \Phi_{21}^3\ \Phi_{19}^5\ \Phi_7^6\ \Phi_3^3\ \Phi_1^6$
112749	1578	2772	$\frac{1}{66}$	$\frac{1}{7}$	$\frac{65}{198}$	$\frac{133}{396}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{252}\ \Phi_{231}\ \Phi_{154}\ \Phi_{84}\ \Phi_{77}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
112750	1578	1572	$\frac{1}{131}$	$\frac{1}{4}$	$\frac{130}{393}$	$\frac{1}{3}$	$\Phi_{1572}\ \Phi_{786}\ \Phi_{524}^2\ \Phi_{262}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
112751	1578	948	$\frac{1}{79}$	$\frac{53}{316}$	$\frac{26}{79}$	$\frac{1}{3}$	$\Phi_{948}^3\ \Phi_{474}^3\ \Phi_{237}\ \Phi_{12}^3\ \Phi_6^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
112752	1578	390	$\frac{3}{130}$	$\frac{1}{10}$	$\frac{127}{390}$	$\frac{1}{3}$	$\Phi_{390}^{3}\ \Phi_{195}^{3}\ \Phi_{130}^{6}\ \Phi_{78}^{3}\ \Phi_{65}^{6}\ \Phi_{39}^{3}\ \Phi_{30}^{4}\ \Phi_{26}^{6}\ \Phi_{15}^{4}\ \Phi_{13}^{6}\ \Phi_{10}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
112753	1578	270	$\frac{7}{270}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{270}^{6}\ \Phi_{135}^{6}\ \Phi_{90}^{6}\ \Phi_{54}^{6}\ \Phi_{45}^{6}\ \Phi_{30}^{4}\ \Phi_{27}^{6}\ \Phi_{18}^{6}\ \Phi_{15}^{4}\ \Phi_{10}^{6}\ \Phi_{9}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
112754	1578	2436	$\frac{2}{87}$	$\frac{1}{7}$	$\frac{85}{348}$	$\frac{1}{3}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{812}\ \Phi_{406}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
112755	1578	3120	$\frac{9}{260}$	$\frac{1}{10}$	$\frac{251}{1040}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{624}\ \Phi_{312}\ \Phi_{240}\ \Phi_{120}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{6}$
112756	1578	1890	$\frac{7}{270}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{210}\ \Phi_{189}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
112757	1578	840	$\frac{17}{280}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{3}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{168}^{3}\ \Phi_{120}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{42}^{3}\ \Phi_{30}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{15}\ \Phi_{6}$
112758	1578	2730	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{121}{910}$	$\frac{1}{3}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{273}\ \Phi_{210}\ \Phi_{105}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{6}$
112759	1578	342	$\frac{1}{19}$	$\frac{13}{171}$	$\frac{79}{342}$	$\frac{6}{19}$	$\Phi_{342}^{6}\ \Phi_{171}^{3}\ \Phi_{114}^{6}\ \Phi_{57}^{3}\ \Phi_{38}^{6}\ \Phi_{19}^{5}\ \Phi_{18}^{6}\ \Phi_{9}^{3}\ \Phi_{6}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
112760	1578	285	$\frac{1}{19}$	$\frac{22}{285}$	$\frac{13}{57}$	$\frac{6}{19}$	$\Phi_{285}^{6}\ \Phi_{95}^{6}\ \Phi_{57}^{3}\ \Phi_{19}^{5}\ \Phi_{15}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
112761	1578	2688	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{121}{384}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
112762	1578	2244	$\frac{1}{17}$	$\frac{35}{561}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{374}\ \Phi_{132}\ \Phi_{68}\ \Phi_{66}\ \Phi_{44}\ \Phi_{34}\ \Phi_{22}$
112763	1578	3060	$\frac{1}{17}$	$\frac{16}{255}$	$\frac{1}{4}$	$\frac{239}{765}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{612}\ \Phi_{306}\ \Phi_{180}\ \Phi_{90}\ \Phi_{68}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}$
112764	1578	380	$\frac{1}{19}$	$\frac{29}{380}$	$\frac{9}{38}$	$\frac{117}{380}$	$\Phi_{380}^{4}\ \Phi_{190}^{4}\ \Phi_{95}^{4}\ \Phi_{76}^{4}\ \Phi_{38}^{6}\ \Phi_{20}^{4}\ \Phi_{19}^{5}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
112765	1578	342	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{79}{342}$	$\frac{35}{114}$	$\Phi_{342}^{6}\ \Phi_{171}^{6}\ \Phi_{38}^{6}\ \Phi_{19}^{5}\ \Phi_{18}^{6}\ \Phi_{9}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
112766	1578	2016	$\frac{1}{12}$	$\frac{25}{288}$	$\frac{1}{7}$	$\frac{11}{36}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
112767	1578	372	$\frac{1}{31}$	$\frac{15}{124}$	$\frac{1}{4}$	$\frac{109}{372}$	$\Phi_{372}^{6}\ \Phi_{186}^{6}\ \Phi_{124}\ \Phi_{93}^{6}\ \Phi_{62}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{6}$
112768	1578	2520	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{23}{120}$	$\frac{97}{360}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{315}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
112769	1578	620	$\frac{1}{31}$	$\frac{47}{310}$	$\frac{15}{62}$	$\frac{1}{4}$	$\Phi_{620}^{4}\ \Phi_{310}^{2}\ \Phi_{155}^{2}\ \Phi_{124}\ \Phi_{62}\ \Phi_{20}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$
112770	1578	340	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{77}{340}$	$\frac{1}{4}$	$\Phi_{340}^{4}\ \Phi_{170}^{4}\ \Phi_{85}^{6}\ \Phi_{68}^{5}\ \Phi_{34}^{5}\ \Phi_{20}^{4}\ \Phi_{17}^{6}\ \Phi_{10}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
112771	1578	2380	$\frac{1}{17}$	$\frac{69}{595}$	$\frac{16}{85}$	$\frac{1}{4}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{476}\ \Phi_{238}\ \Phi_{140}\ \Phi_{70}\ \Phi_{68}\ \Phi_{34}\ \Phi_{28}\ \Phi_{14}$
112772	1578	2184	$\frac{3}{52}$	$\frac{1}{7}$	$\frac{49}{312}$	$\frac{1}{4}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{273}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
112773	1578	612	$\frac{1}{17}$	$\frac{43}{306}$	$\frac{8}{51}$	$\frac{1}{4}$	$\Phi_{612}^{4}\ \Phi_{306}^{2}\ \Phi_{204}^{2}\ \Phi_{153}^{2}\ \Phi_{68}^{3}\ \Phi_{51}^{2}\ \Phi_{36}^{4}\ \Phi_{34}\ \Phi_{18}^{2}\ \Phi_{17}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
112774	1578	280	$\frac{17}{280}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{280}^{6}\ \Phi_{140}^{5}\ \Phi_{70}^{5}\ \Phi_{56}^{6}\ \Phi_{40}^{6}\ \Phi_{35}^{5}\ \Phi_{28}^{6}\ \Phi_{20}^{6}\ \Phi_{14}^{6}\ \Phi_{10}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
112775	1578	304	$\frac{1}{19}$	$\frac{41}{304}$	$\frac{29}{152}$	$\frac{9}{38}$	$\Phi_{304}^{6}\ \Phi_{152}^{4}\ \Phi_{76}^{4}\ \Phi_{38}^{6}\ \Phi_{19}^{5}\ \Phi_{16}^{6}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
112776	1578	950	$\frac{1}{19}$	$\frac{29}{190}$	$\frac{161}{950}$	$\frac{9}{38}$	$\Phi_{950}^{2}\ \Phi_{475}^{2}\ \Phi_{50}^{2}\ \Phi_{38}^{2}\ \Phi_{25}^{2}\ \Phi_{19}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
112777	1578	2016	$\frac{25}{288}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{32}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
112778	1578	336	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{73}{336}$	$\Phi_{336}^{6}\ \Phi_{168}^{6}\ \Phi_{112}^{6}\ \Phi_{84}\ \Phi_{56}^{6}\ \Phi_{48}^{6}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}^{6}\ \Phi_{21}\ \Phi_{16}^{6}\ \Phi_{14}\ \Phi_{8}^{6}$
112779	1578	332	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{14}{83}$	$\frac{69}{332}$	$\Phi_{332}^{6}\ \Phi_{166}^{6}\ \Phi_{83}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
112780	1578	2240	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{57}{320}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
112781	1579	3144	$\frac{7}{1572}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1565}{3144}$	$\Phi_{3144}\ \Phi_{1048}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
112782	1579	3132	$\frac{13}{1566}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1553}{3132}$	$\Phi_{3132}\ \Phi_{1044}\ \Phi_{348}\ \Phi_{116}\ \Phi_{108}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
112783	1579	2112	$\frac{5}{528}$	$\frac{1}{6}$	$\frac{533}{2112}$	$\frac{523}{1056}$	$\Phi_{2112}\ \Phi_{704}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{64}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
112784	1579	3120	$\frac{19}{1560}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1541}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{80}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
112785	1579	3096	$\frac{31}{1548}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1517}{3096}$	$\Phi_{3096}\ \Phi_{1032}\ \Phi_{344}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
112786	1579	1674	$\frac{2}{93}$	$\frac{95}{1674}$	$\frac{1}{3}$	$\frac{91}{186}$	$\Phi_{1674}\ \Phi_{837}\ \Phi_{558}\ \Phi_{279}\ \Phi_{93}\ \Phi_{54}\ \Phi_{31}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
112787	1579	3072	$\frac{43}{1536}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1493}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
112788	1579	3060	$\frac{49}{1530}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{1481}{3060}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{204}\ \Phi_{180}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{36}\ \Phi_{20}\ \Phi_{17}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
112789	1579	1728	$\frac{5}{144}$	$\frac{149}{1728}$	$\frac{1}{6}$	$\frac{139}{288}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
112790	1579	1632	$\frac{53}{1632}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{96}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{17}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
112791	1579	3036	$\frac{61}{1518}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1457}{3036}$	$\Phi_{3036}\ \Phi_{1012}\ \Phi_{276}\ \Phi_{132}\ \Phi_{92}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
112792	1579	3024	$\frac{67}{1512}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1445}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
112793	1579	2976	$\frac{2}{93}$	$\frac{91}{1488}$	$\frac{1}{3}$	$\frac{1397}{2976}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{96}\ \Phi_{93}\ \Phi_{32}\ \Phi_{31}\ \Phi_{1}$
112794	1579	2904	$\frac{5}{132}$	$\frac{127}{1452}$	$\frac{1}{6}$	$\frac{1325}{2904}$	$\Phi_{2904}\ \Phi_{968}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
112795	1579	2880	$\frac{5}{144}$	$\frac{139}{1440}$	$\frac{1}{6}$	$\frac{1301}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
112796	1579	1632	$\frac{53}{1632}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
112797	1579	2772	$\frac{5}{198}$	$\frac{193}{1386}$	$\frac{1}{6}$	$\frac{1193}{2772}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{84}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{28}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
112798	1579	2640	$\frac{5}{264}$	$\frac{1}{6}$	$\frac{259}{1320}$	$\frac{1061}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{264}\ \Phi_{240}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{80}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
112799	1579	2376	$\frac{5}{396}$	$\frac{1}{6}$	$\frac{391}{1188}$	$\frac{797}{2376}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{216}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
112800	1579	1683	$\frac{2}{51}$	$\frac{104}{1683}$	$\frac{49}{153}$	$\frac{1}{3}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{99}\ \Phi_{51}\ \Phi_{33}\ \Phi_{17}\ \Phi_{11}\ \Phi_{1}$
112801	1579	2295	$\frac{2}{51}$	$\frac{49}{765}$	$\frac{716}{2295}$	$\frac{1}{3}$	$\Phi_{2295}\ \Phi_{459}\ \Phi_{135}\ \Phi_{51}\ \Phi_{27}\ \Phi_{17}\ \Phi_{1}$
112802	1579	2232	$\frac{2}{93}$	$\frac{91}{744}$	$\frac{653}{2232}$	$\frac{1}{3}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{558}\ \Phi_{279}\ \Phi_{93}\ \Phi_{72}\ \Phi_{36}\ \Phi_{31}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
112803	1579	1860	$\frac{2}{93}$	$\frac{281}{1860}$	$\frac{91}{372}$	$\frac{1}{3}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{465}\ \Phi_{310}\ \Phi_{155}\ \Phi_{93}\ \Phi_{60}\ \Phi_{31}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
112804	1579	2040	$\frac{2}{51}$	$\frac{49}{510}$	$\frac{461}{2040}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{408}\ \Phi_{340}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{17}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
112805	1579	1785	$\frac{2}{51}$	$\frac{206}{1785}$	$\frac{49}{255}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{119}\ \Phi_{105}\ \Phi_{51}\ \Phi_{35}\ \Phi_{21}\ \Phi_{17}\ \Phi_{7}\ \Phi_{1}$
112806	1579	1836	$\frac{2}{51}$	$\frac{257}{1836}$	$\frac{49}{306}$	$\frac{1}{3}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{204}\ \Phi_{108}\ \Phi_{68}\ \Phi_{54}\ \Phi_{51}\ \Phi_{36}\ \Phi_{27}\ \Phi_{17}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
112807	1579	2304	$\frac{43}{768}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{725}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
112808	1579	1728	$\frac{5}{72}$	$\frac{149}{1728}$	$\frac{1}{6}$	$\frac{67}{216}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
112809	1579	2088	$\frac{13}{522}$	$\frac{1}{6}$	$\frac{509}{2088}$	$\frac{5}{18}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{116}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
112810	1579	1620	$\frac{41}{1620}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
112811	1579	2160	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{139}{720}$	$\frac{581}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
112812	1579	1728	$\frac{149}{1728}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{192}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
112813	1579	2016	$\frac{5}{72}$	$\frac{67}{504}$	$\frac{1}{6}$	$\frac{437}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
112814	1579	1680	$\frac{101}{1680}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
112815	1579	1872	$\frac{19}{312}$	$\frac{293}{1872}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
112816	1579	1920	$\frac{5}{48}$	$\frac{43}{384}$	$\frac{1}{6}$	$\frac{341}{1920}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
112817	1580	2364	$\frac{1}{394}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{393}{788}$	$\Phi_{2364}\ \Phi_{788}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
112818	1580	2520	$\frac{1}{315}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{157}{315}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_9\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
112819	1580	3930	$\frac{2}{393}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{391}{786}$	$\Phi_{3930}\ \Phi_{1310}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
112820	1580	1413	$\frac{1}{157}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{78}{157}$	$\Phi_{1413}\ \Phi_{471}\ \Phi_{157}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
112821	1580	942	$\frac{1}{157}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{78}{157}$	$\Phi_{942}^2\ \Phi_{471}\ \Phi_{314}^2\ \Phi_{157}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
112822	1580	1579	$\frac{11}{1579}$	$\frac{159}{1579}$	$\frac{710}{1579}$	$\frac{784}{1579}$	$\Phi_{1579}\ \Phi_1^2$
112823	1580	2640	$\frac{1}{132}$	$\frac{1}{5}$	$\frac{133}{528}$	$\frac{131}{264}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{660}\ \Phi_{330}\ \Phi_{240}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{80}\ \Phi_{60}\ \Phi_{55}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
112824	1580	2352	$\frac{3}{392}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{389}{784}$	$\Phi_{2352}^2\ \Phi_{336}^2\ \Phi_{48}^2\ \Phi_{21}$
112825	1580	3920	$\frac{3}{392}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{389}{784}$	$\Phi_{3920}\ \Phi_{560}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
112826	1580	1356	$\frac{1}{113}$	$\frac{57}{452}$	$\frac{1}{3}$	$\frac{56}{113}$	$\Phi_{1356}^2\ \Phi_{678}^2\ \Phi_{339}\ \Phi_{12}^2\ \Phi_6^2$
112827	1580	1902	$\frac{3}{317}$	$\frac{1}{6}$	$\frac{80}{317}$	$\frac{157}{317}$	$\Phi_{1902}\ \Phi_{951}\ \Phi_{634}$
112828	1580	1579	$\frac{17}{1579}$	$\frac{236}{1579}$	$\frac{399}{1579}$	$\frac{781}{1579}$	$\Phi_{1579}\ \Phi_1^2$
112829	1580	2373	$\frac{9}{791}$	$\frac{80}{791}$	$\frac{1}{3}$	$\frac{391}{791}$	$\Phi_{2373}\ \Phi_{339}\ \Phi_{21}$
112830	1580	2964	$\frac{1}{78}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{77}{156}$	$\Phi_{2964}\ \Phi_{988}\ \Phi_{228}\ \Phi_{156}^2\ \Phi_{76}\ \Phi_{52}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
112831	1580	1716	$\frac{1}{78}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{77}{156}$	$\Phi_{1716}^2\ \Phi_{572}^2\ \Phi_{132}^2\ \Phi_{44}^2\ \Phi_{33}$
112832	1580	2964	$\frac{1}{78}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{77}{156}$	$\Phi_{2964}\ \Phi_{988}\ \Phi_{228}\ \Phi_{156}^2\ \Phi_{76}\ \Phi_{52}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
112833	1580	780	$\frac{1}{78}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{77}{156}$	$\Phi_{780}^5\ \Phi_{260}^5\ \Phi_{60}^5\ \Phi_{30}\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{10}$
112834	1580	1166	$\frac{1}{53}$	$\frac{1}{11}$	$\frac{27}{106}$	$\frac{26}{53}$	$\Phi_{1166}^2\ \Phi_{583}\ \Phi_{22}^2$
112835	1580	3870	$\frac{8}{387}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{379}{774}$	$\Phi_{3870}\ \Phi_{1290}\ \Phi_{430}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
112836	1580	440	$\frac{1}{44}$	$\frac{9}{88}$	$\frac{1}{5}$	$\frac{43}{88}$	$\Phi_{440}^4\ \Phi_{220}^5\ \Phi_{110}^5\ \Phi_{55}^5\ \Phi_{40}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^4$
112837	1580	770	$\frac{2}{77}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{75}{154}$	$\Phi_{770}^5\ \Phi_{110}^5\ \Phi_{70}^5\ \Phi_{55}\ \Phi_{10}^5$
112838	1580	2160	$\frac{1}{36}$	$\frac{37}{432}$	$\frac{1}{5}$	$\frac{35}{72}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
112839	1580	3840	$\frac{11}{384}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{373}{768}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
112840	1580	3192	$\frac{3}{76}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
112841	1580	3780	$\frac{17}{378}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{361}{756}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{540}\ \Phi_{420}\ \Phi_{180}\ \Phi_{140}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
112842	1580	1539	$\frac{2}{81}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_{19}\ \Phi_9^2\ \Phi_1^2$
112843	1580	2223	$\frac{1}{39}$	$\frac{1}{19}$	$\frac{38}{117}$	$\frac{9}{19}$	$\Phi_{2223}\ \Phi_{171}\ \Phi_{117}^2\ \Phi_{19}\ \Phi_9^2\ \Phi_1^2$
112844	1580	1976	$\frac{1}{26}$	$\frac{1}{19}$	$\frac{25}{104}$	$\frac{9}{19}$	$\Phi_{1976}\ \Phi_{988}\ \Phi_{152}\ \Phi_{104}^2\ \Phi_{76}\ \Phi_{52}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
112845	1580	1596	$\frac{1}{19}$	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{228}\ \Phi_{133}\ \Phi_{84}^2\ \Phi_{76}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{19}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
112846	1580	1729	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{9}{19}$	$\Phi_{1729}\ \Phi_{133}\ \Phi_{91}^2\ \Phi_{19}\ \Phi_7^2\ \Phi_1^2$
112847	1580	1050	$\frac{1}{21}$	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{1050}^3\ \Phi_{350}^3\ \Phi_{210}^3\ \Phi_{150}^2\ \Phi_{105}\ \Phi_{70}^3\ \Phi_{50}^2\ \Phi_{42}^3\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
112848	1580	3740	$\frac{1}{22}$	$\frac{21}{374}$	$\frac{1}{5}$	$\frac{353}{748}$	$\Phi_{3740}\ \Phi_{340}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{20}\ \Phi_{10}$
112849	1580	672	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{672}^2\ \Phi_{336}^3\ \Phi_{224}^2\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{96}\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^2\ \Phi_{42}^3\ \Phi_{32}^2\ \Phi_{28}^3\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
112850	1580	2040	$\frac{13}{408}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{85}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
112851	1580	3630	$\frac{1}{33}$	$\frac{32}{363}$	$\frac{1}{5}$	$\frac{331}{726}$	$\Phi_{3630}\ \Phi_{1210}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{55}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
112852	1580	720	$\frac{1}{36}$	$\frac{7}{72}$	$\frac{1}{5}$	$\frac{65}{144}$	$\Phi_{720}^5\ \Phi_{240}^5\ \Phi_{180}\ \Phi_{90}\ \Phi_{80}^5\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
112853	1580	1008	$\frac{1}{21}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{144}$	$\Phi_{1008}^3\ \Phi_{336}^3\ \Phi_{168}\ \Phi_{144}^2\ \Phi_{112}^3\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
112854	1580	720	$\frac{1}{80}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^3\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^3\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
112855	1580	3520	$\frac{1}{44}$	$\frac{43}{352}$	$\frac{1}{5}$	$\frac{309}{704}$	$\Phi_{3520}\ \Phi_{320}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{20}\ \Phi_{10}$
112856	1580	420	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{140}$	$\Phi_{420}^7\ \Phi_{210}\ \Phi_{140}^6\ \Phi_{105}\ \Phi_{84}^7\ \Phi_{70}\ \Phi_{60}^7\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^7\ \Phi_6\ \Phi_4^6$
112857	1580	399	$\frac{4}{399}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{399}^4\ \Phi_{133}^4\ \Phi_{57}^4\ \Phi_{21}^3\ \Phi_{19}^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
112858	1580	560	$\frac{1}{80}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^2\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}^2\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
112859	1580	678	$\frac{1}{113}$	$\frac{56}{339}$	$\frac{1}{3}$	$\frac{283}{678}$	$\Phi_{678}^4\ \Phi_{339}\ \Phi_{226}^4\ \Phi_6^4\ \Phi_2^4$
112860	1580	660	$\frac{1}{66}$	$\frac{13}{66}$	$\frac{1}{5}$	$\frac{53}{132}$	$\Phi_{660}^5\ \Phi_{330}\ \Phi_{220}^5\ \Phi_{165}\ \Phi_{110}\ \Phi_{60}^5\ \Phi_{55}\ \Phi_{30}\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{10}$
112861	1580	1579	$\frac{14}{1579}$	$\frac{313}{1579}$	$\frac{473}{1579}$	$\frac{633}{1579}$	$\Phi_{1579}\ \Phi_1^2$
112862	1580	2373	$\frac{6}{791}$	$\frac{157}{791}$	$\frac{1}{3}$	$\frac{317}{791}$	$\Phi_{2373}\ \Phi_{339}\ \Phi_{21}$
112863	1580	2688	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
112864	1580	1272	$\frac{1}{159}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1272}^2\ \Phi_{424}^2\ \Phi_{159}^2\ \Phi_{53}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
112865	1580	840	$\frac{1}{105}$	$\frac{26}{105}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{105}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_8^4\ \Phi_7^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
112866	1580	80	$\frac{1}{80}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{80}^{20}\ \Phi_{40}^{19}\ \Phi_{20}^{20}\ \Phi_{16}^{20}\ \Phi_{10}^{20}\ \Phi_8^{20}\ \Phi_5^{19}\ \Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^{20}$
112867	1580	1512	$\frac{1}{63}$	$\frac{31}{189}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1512}^2\ \Phi_{504}\ \Phi_{216}^2\ \Phi_{189}^2\ \Phi_{168}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_9\ \Phi_8^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
112868	1580	1288	$\frac{3}{161}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1288}^2\ \Phi_{184}^2\ \Phi_{161}^2\ \Phi_{56}\ \Phi_{23}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
112869	1580	360	$\frac{1}{45}$	$\frac{11}{90}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^7\ \Phi_{120}^7\ \Phi_{90}^4\ \Phi_{72}^7\ \Phi_{45}^3\ \Phi_{40}^7\ \Phi_{30}^4\ \Phi_{24}^7\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_9^3\ \Phi_8^8\ \Phi_6^4\ \Phi_5^3\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
112870	1580	648	$\frac{2}{81}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{648}^4\ \Phi_{216}^4\ \Phi_{81}^4\ \Phi_{72}^3\ \Phi_{27}^4\ \Phi_{24}^3\ \Phi_9^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
112871	1580	1400	$\frac{1}{35}$	$\frac{17}{175}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1400}^2\ \Phi_{280}\ \Phi_{200}^2\ \Phi_{175}^2\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{25}^2\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
112872	1580	1320	$\frac{7}{165}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{165}^2\ \Phi_{120}\ \Phi_{88}^2\ \Phi_{55}^2\ \Phi_{40}\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{15}\ \Phi_{11}^2\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
112873	1580	168	$\frac{1}{21}$	$\frac{5}{84}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^{15}\ \Phi_{84}^4\ \Phi_{56}^{15}\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^{15}\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_8^{16}\ \Phi_7^3\ \Phi_6^4\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
112874	1580	840	$\frac{1}{21}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{840}^3\ \Phi_{420}\ \Phi_{280}^3\ \Phi_{210}\ \Phi_{168}^3\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}^3\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_8^2\ \Phi_6$
112875	1580	2970	$\frac{1}{99}$	$\frac{1}{5}$	$\frac{98}{297}$	$\frac{199}{594}$	$\Phi_{2970}\ \Phi_{990}\ \Phi_{495}\ \Phi_{330}\ \Phi_{270}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
112876	1580	591	$\frac{1}{197}$	$\frac{196}{591}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{591}^3\ \Phi_{197}^2\ \Phi_3^4\ \Phi_1^4$
112877	1580	591	$\frac{2}{197}$	$\frac{39}{197}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{591}^2\ \Phi_{197}^4\ \Phi_3^3\ \Phi_1^6$
112878	1580	240	$\frac{1}{80}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{80}^6\ \Phi_{60}^7\ \Phi_{48}^7\ \Phi_{40}^6\ \Phi_{30}^7\ \Phi_{24}^7\ \Phi_{20}^6\ \Phi_{16}^6\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}^6\ \Phi_8^6\ \Phi_6^3\ \Phi_5^6\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
112879	1580	891	$\frac{2}{81}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{99}^2\ \Phi_{33}$
112880	1580	1017	$\frac{1}{113}$	$\frac{227}{1017}$	$\frac{112}{339}$	$\frac{1}{3}$	$\Phi_{1017}^2\ \Phi_{339}\ \Phi_9^2$
112881	1580	588	$\frac{3}{196}$	$\frac{1}{7}$	$\frac{193}{588}$	$\frac{1}{3}$	$\Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^4\ \Phi_{147}^2\ \Phi_{98}^4\ \Phi_{84}^2\ \Phi_{49}^4\ \Phi_{42}^2\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_7^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
112882	1580	1287	$\frac{1}{39}$	$\frac{1}{11}$	$\frac{38}{117}$	$\frac{1}{3}$	$\Phi_{1287}^2\ \Phi_{99}^2\ \Phi_{33}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
112883	1580	339	$\frac{3}{113}$	$\frac{11}{113}$	$\frac{34}{113}$	$\frac{1}{3}$	$\Phi_{339}^{7}\ \Phi_{3}^{6}$
112884	1580	483	$\frac{3}{161}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{483}^{5}\ \Phi_{69}^{5}\ \Phi_{21}^{3}\ \Phi_{3}^{2}$
112885	1580	2160	$\frac{1}{80}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
112886	1580	3432	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{25}{104}$	$\frac{1}{3}$	$\Phi_{3432}\ \Phi_{1716}\ \Phi_{264}\ \Phi_{132}\ \Phi_{33}$
112887	1580	1218	$\frac{11}{406}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{1218}^{2}\ \Phi_{609}^{2}\ \Phi_{174}^{2}\ \Phi_{87}^{2}\ \Phi_{21}$
112888	1580	1539	$\frac{2}{81}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}^{2}\ \Phi_{27}^{2}\ \Phi_{19}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
112889	1580	810	$\frac{2}{81}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{810}^{3}\ \Phi_{405}^{2}\ \Phi_{270}^{3}\ \Phi_{135}^{2}\ \Phi_{90}^{3}\ \Phi_{45}^{2}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
112890	1580	294	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{19}{98}$	$\frac{1}{3}$	$\Phi_{294}^{8}\ \Phi_{147}^{8}\ \Phi_{42}^{8}\ \Phi_{21}^{9}\ \Phi_{6}^{8}\ \Phi_{3}^{8}$
112891	1580	2145	$\frac{2}{39}$	$\frac{1}{11}$	$\frac{37}{195}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}$
112892	1580	924	$\frac{5}{84}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{231}^{2}\ \Phi_{154}^{2}\ \Phi_{132}^{2}\ \Phi_{77}^{2}\ \Phi_{44}^{2}\ \Phi_{33}$
112893	1580	2499	$\frac{43}{833}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2499}\ \Phi_{357}\ \Phi_{51}\ \Phi_{21}$
112894	1580	1344	$\frac{3}{56}$	$\frac{53}{448}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1344}^{2}\ \Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{192}^{2}\ \Phi_{96}^{2}\ \Phi_{48}^{2}\ \Phi_{21}$
112895	1580	84	$\frac{5}{84}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{84}^{18}\ \Phi_{42}^{18}\ \Phi_{28}^{20}\ \Phi_{21}^{19}\ \Phi_{14}^{20}\ \Phi_{12}^{18}\ \Phi_{7}^{20}\ \Phi_{6}^{18}\ \Phi_{4}^{20}\ \Phi_{3}^{18}\ \Phi_{2}^{20}\ \Phi_{1}^{20}$
112896	1580	441	$\frac{3}{49}$	$\frac{46}{441}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{441}^{4}\ \Phi_{147}^{2}\ \Phi_{63}^{4}\ \Phi_{49}^{4}\ \Phi_{21}^{3}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
112897	1580	3003	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{12}{91}$	$\frac{1}{3}$	$\Phi_{3003}\ \Phi_{231}\ \Phi_{33}$
112898	1580	2940	$\frac{3}{196}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{193}{588}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{735}\ \Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
112899	1580	2223	$\frac{1}{39}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{38}{117}$	$\Phi_{2223}\ \Phi_{171}\ \Phi_{117}^{2}\ \Phi_{19}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
112900	1580	1170	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{38}{117}$	$\Phi_{1170}^{3}\ \Phi_{585}^{2}\ \Phi_{90}^{3}\ \Phi_{45}^{2}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
112901	1580	2160	$\frac{1}{18}$	$\frac{37}{432}$	$\frac{1}{5}$	$\frac{17}{54}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
112902	1580	2880	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{181}{576}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
112903	1580	672	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}^{3}\ \Phi_{168}\ \Phi_{112}^{3}\ \Phi_{96}^{2}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}^{2}\ \Phi_{42}\ \Phi_{32}^{2}\ \Phi_{28}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
112904	1580	540	$\frac{1}{36}$	$\frac{7}{36}$	$\frac{1}{5}$	$\frac{29}{108}$	$\Phi_{540}^{5}\ \Phi_{270}^{5}\ \Phi_{180}\ \Phi_{135}^{5}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
112905	1580	630	$\frac{1}{21}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}^{3}\ \Phi_{126}^{3}\ \Phi_{105}\ \Phi_{90}^{2}\ \Phi_{70}^{3}\ \Phi_{63}^{3}\ \Phi_{45}^{2}\ \Phi_{42}^{3}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{14}^{3}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
112906	1580	2640	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{43}{176}$	$\frac{133}{528}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{240}\ \Phi_{220}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
112907	1580	2240	$\frac{3}{56}$	$\frac{53}{448}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
112908	1580	420	$\frac{5}{84}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{140}^{4}\ \Phi_{105}^{5}\ \Phi_{70}^{4}\ \Phi_{60}^{5}\ \Phi_{35}^{4}\ \Phi_{30}^{5}\ \Phi_{20}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{5}^{4}$
112909	1580	1976	$\frac{1}{26}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{25}{104}$	$\Phi_{1976}\ \Phi_{988}\ \Phi_{152}\ \Phi_{104}^{2}\ \Phi_{76}\ \Phi_{52}^{2}\ \Phi_{19}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
112910	1580	1560	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{25}{104}$	$\Phi_{1560}^{2}\ \Phi_{780}^{2}\ \Phi_{520}\ \Phi_{260}\ \Phi_{120}^{2}\ \Phi_{60}^{2}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
112911	1580	91	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{7}$	$\frac{3}{13}$	$\Phi_{91}^{17}\ \Phi_{13}^{20}\ \Phi_{7}^{16}\ \Phi_{1}^{20}$
112912	1580	2160	$\frac{1}{12}$	$\frac{37}{432}$	$\frac{1}{5}$	$\frac{11}{48}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
112913	1580	2520	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{1}{5}$	$\frac{109}{504}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{180}\ \Phi_{140}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
112914	1580	1596	$\frac{5}{84}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{228}\ \Phi_{133}\ \Phi_{84}^{2}\ \Phi_{76}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{19}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
112915	1580	1729	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1729}\ \Phi_{133}\ \Phi_{91}^{2}\ \Phi_{19}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
112916	1580	2100	$\frac{1}{21}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
112917	1580	440	$\frac{1}{11}$	$\frac{9}{88}$	$\frac{2}{11}$	$\frac{1}{5}$	$\Phi_{440}^{5}\ \Phi_{220}^{5}\ \Phi_{110}^{5}\ \Phi_{55}\ \Phi_{40}^{5}\ \Phi_{20}^{5}\ \Phi_{10}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
112918	1580	480	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{17}{96}$	$\frac{1}{5}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^5\ \Phi_{40}^4\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_5^4$
112919	1580	420	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^5\ \Phi_{105}^5\ \Phi_{70}^5\ \Phi_{60}^5\ \Phi_{35}^5\ \Phi_{30}\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{10}$
112920	1580	2340	$\frac{5}{78}$	$\frac{73}{468}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{260}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
112921	1580	2730	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{910}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
112922	1580	2310	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{462}$	$\frac{1}{5}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{110}\ \Phi_{105}\ \Phi_{70}\ \Phi_{55}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
112923	1581	2528	$\frac{1}{316}$	$\frac{317}{1264}$	$\frac{947}{2528}$	$\frac{315}{632}$	$\Phi_{2528}\ \Phi_{632}\ \Phi_{32}\ \Phi_8\ \Phi_1$
112924	1581	3152	$\frac{5}{1576}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1571}{3152}$	$\Phi_{3152}\ \Phi_{16}\ \Phi_8\ \Phi_1$
112925	1581	2100	$\frac{2}{525}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{523}{1050}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{175}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
112926	1581	704	$\frac{1}{176}$	$\frac{1}{4}$	$\frac{177}{704}$	$\frac{175}{352}$	$\Phi_{704}^3\ \Phi_{176}^3\ \Phi_{88}^3\ \Phi_{64}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{16}^3\ \Phi_{11}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
112927	1581	1048	$\frac{3}{524}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{521}{1048}$	$\Phi_{1048}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
112928	1581	3136	$\frac{13}{1568}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1555}{3136}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
112929	1581	1044	$\frac{5}{522}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{517}{1044}$	$\Phi_{1044}\ \Phi_{522}^2\ \Phi_{348}\ \Phi_{261}^2\ \Phi_{174}^2\ \Phi_{116}\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{36}\ \Phi_{29}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
112930	1581	736	$\frac{1}{92}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{91}{184}$	$\Phi_{736}^4\ \Phi_{184}\ \Phi_{32}^5\ \Phi_8\ \Phi_1$
112931	1581	552	$\frac{1}{92}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{91}{184}$	$\Phi_{552}^4\ \Phi_{276}^4\ \Phi_{184}\ \Phi_{138}^4\ \Phi_{69}^4\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
112932	1581	920	$\frac{1}{92}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{91}{184}$	$\Phi_{920}^4\ \Phi_{184}\ \Phi_{40}^4\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
112933	1581	1040	$\frac{7}{520}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{513}{1040}$	$\Phi_{1040}^3\ \Phi_{208}^3\ \Phi_{80}^3\ \Phi_{40}\ \Phi_{16}^3\ \Phi_8\ \Phi_1$
112934	1581	1040	$\frac{7}{520}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{513}{1040}$	$\Phi_{1040}^3\ \Phi_{208}^3\ \Phi_{80}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
112935	1581	1040	$\frac{7}{520}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{513}{1040}$	$\Phi_{1040}^3\ \Phi_{208}^3\ \Phi_{80}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
112936	1581	2120	$\frac{9}{530}$	$\frac{1}{10}$	$\frac{539}{2120}$	$\frac{521}{1060}$	$\Phi_{2120}\ \Phi_{530}\ \Phi_{424}\ \Phi_{265}\ \Phi_{106}\ \Phi_{53}\ \Phi_{40}\ \Phi_8\ \Phi_1$
112937	1581	1760	$\frac{3}{176}$	$\frac{179}{1760}$	$\frac{1}{4}$	$\frac{173}{352}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{16}\ \Phi_{11}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
112938	1581	2068	$\frac{10}{517}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{507}{1034}$	$\Phi_{2068}\ \Phi_{517}\ \Phi_{188}\ \Phi_{47}\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{11}\ \Phi_4\ \Phi_1$
112939	1581	300	$\frac{1}{50}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{49}{100}$	$\Phi_{150}^{10}\ \Phi_{100}\ \Phi_{75}^{10}\ \Phi_{60}\ \Phi_{50}^{10}\ \Phi_{30}^{10}\ \Phi_{25}^{10}\ \Phi_{20}^2\ \Phi_{15}^{10}\ \Phi_{12}\ \Phi_{10}^{10}\ \Phi_6^{10}\ \Phi_5^{10}\ \Phi_4^2\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
112940	1581	3300	$\frac{1}{50}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{220}\ \Phi_{132}\ \Phi_{100}\ \Phi_{44}\ \Phi_{33}\ \Phi_{20}\ \Phi_{11}\ \Phi_4\ \Phi_1$
112941	1581	900	$\frac{1}{50}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{49}{100}$	$\Phi_{900}^5\ \Phi_{180}^5\ \Phi_{100}\ \Phi_{45}\ \Phi_{36}^5\ \Phi_{20}\ \Phi_9\ \Phi_4\ \Phi_1$
112942	1581	200	$\frac{1}{50}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{49}{100}$	$\Phi_{200}^{10}\ \Phi_{100}\ \Phi_{50}^{10}\ \Phi_{40}^{11}\ \Phi_{25}^{10}\ \Phi_{20}^2\ \Phi_{10}^{10}\ \Phi_8^{11}\ \Phi_5^{10}\ \Phi_4^2\ \Phi_2^{10}\ \Phi_1^{11}$
112943	1581	700	$\frac{1}{50}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{49}{100}$	$\Phi_{700}^5\ \Phi_{140}^5\ \Phi_{100}\ \Phi_{35}\ \Phi_{28}^5\ \Phi_{20}\ \Phi_7\ \Phi_4\ \Phi_1$
112944	1581	900	$\frac{1}{50}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{49}{100}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_9^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
112945	1581	576	$\frac{1}{48}$	$\frac{49}{576}$	$\frac{1}{4}$	$\frac{47}{96}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{72}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
112946	1581	1032	$\frac{11}{516}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{505}{1032}$	$\Phi_{1032}^3\ \Phi_{344}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
112947	1581	3080	$\frac{41}{1540}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1499}{3080}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{88}\ \Phi_{56}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
112948	1581	1024	$\frac{15}{512}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{497}{1024}$	$\Phi_{1024}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
112949	1581	300	$\frac{1}{30}$	$\frac{1}{25}$	$\frac{8}{25}$	$\frac{29}{60}$	$\Phi_{300}^{10}\ \Phi_{100}^{10}\ \Phi_{60}^{11}\ \Phi_{25}^2\ \Phi_{20}^{11}\ \Phi_{12}^{11}\ \Phi_5^2\ \Phi_4^{11}\ \Phi_1^3$
112950	1581	180	$\frac{1}{30}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{180}^6\ \Phi_{90}^{12}\ \Phi_{60}^5\ \Phi_{45}^{12}\ \Phi_{36}^8\ \Phi_{30}^{10}\ \Phi_{20}^5\ \Phi_{18}^{13}\ \Phi_{15}^{10}\ \Phi_{12}^7\ \Phi_{10}^{10}\ \Phi_9^{13}\ \Phi_6^{11}\ \Phi_5^{10}\ \Phi_4^6\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
112951	1581	660	$\frac{1}{30}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{29}{60}$	$\Phi_{660}^5\ \Phi_{220}^5\ \Phi_{132}^5\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}^5\ \Phi_{20}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
112952	1581	60	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{29}{60}$	$\Phi_{60}^{21}\ \Phi_{30}^{30}\ \Phi_{20}^{24}\ \Phi_{15}^{30}\ \Phi_{12}^{21}\ \Phi_{10}^{32}\ \Phi_6^{30}\ \Phi_5^{32}\ \Phi_4^{24}\ \Phi_3^{30}\ \Phi_2^{32}\ \Phi_1^{33}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
112953	1581	3040	$\frac{61}{1520}$	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{1459}{3040}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
112954	1581	1012	$\frac{21}{506}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{485}{1012}$	$\Phi_{1012}\ \Phi_{506}^2\ \Phi_{253}^2\ \Phi_{92}\ \Phi_{46}^2\ \Phi_{44}^3\ \Phi_{23}^2\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
112955	1581	1008	$\frac{1}{24}$	$\frac{23}{504}$	$\frac{1}{4}$	$\frac{481}{1008}$	$\Phi_{1008}^3\ \Phi_{336}^3\ \Phi_{144}^3\ \Phi_{112}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
112956	1581	2080	$\frac{21}{520}$	$\frac{1}{20}$	$\frac{499}{2080}$	$\frac{19}{40}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{416}\ \Phi_{208}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
112957	1581	560	$\frac{1}{20}$	$\frac{33}{560}$	$\frac{7}{40}$	$\frac{19}{40}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{8}\ \Phi_{7}^3\ \Phi_{1}$
112958	1581	1000	$\frac{1}{20}$	$\frac{27}{500}$	$\frac{19}{100}$	$\frac{473}{1000}$	$\Phi_{1000}^3\ \Phi_{200}^3\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}^3\ \Phi_{25}\ \Phi_{8}^3\ \Phi_{1}$
112959	1581	176	$\frac{3}{88}$	$\frac{5}{88}$	$\frac{1}{4}$	$\frac{83}{176}$	$\Phi_{176}^{17}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}^{17}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
112960	1581	640	$\frac{1}{20}$	$\frac{19}{320}$	$\frac{113}{640}$	$\frac{301}{640}$	$\Phi_{640}^2\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{128}^2\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_{8}^3\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
112961	1581	736	$\frac{1}{46}$	$\frac{1}{16}$	$\frac{15}{46}$	$\frac{15}{32}$	$\Phi_{736}^4\ \Phi_{46}^2\ \Phi_{32}^5\ \Phi_{23}^2\ \Phi_{2}^2\ \Phi_{1}^3$
112962	1581	32	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{32}^{48}\ \Phi_{16}^{51}\ \Phi_{8}^{51}\ \Phi_{4}^{50}\ \Phi_{2}^{50}\ \Phi_{1}^{51}$
112963	1581	3680	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{22}{115}$	$\frac{15}{32}$	$\Phi_{3680}\ \Phi_{160}\ \Phi_{115}\ \Phi_{32}\ \Phi_{5}\ \Phi_{1}$
112964	1581	1980	$\frac{1}{33}$	$\frac{32}{495}$	$\frac{1}{4}$	$\frac{463}{990}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{99}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
112965	1581	968	$\frac{1}{44}$	$\frac{43}{484}$	$\frac{1}{4}$	$\frac{441}{968}$	$\Phi_{968}^3\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
112966	1581	960	$\frac{1}{48}$	$\frac{47}{480}$	$\frac{1}{4}$	$\frac{433}{960}$	$\Phi_{960}^3\ \Phi_{320}^3\ \Phi_{192}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
112967	1581	960	$\frac{1}{20}$	$\frac{47}{480}$	$\frac{19}{160}$	$\frac{433}{960}$	$\Phi_{960}^3\ \Phi_{320}^3\ \Phi_{192}^3\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}^3\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
112968	1581	728	$\frac{1}{52}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{728}^4\ \Phi_{104}^4\ \Phi_{56}^3\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
112969	1581	948	$\frac{1}{79}$	$\frac{53}{474}$	$\frac{26}{79}$	$\frac{421}{948}$	$\Phi_{948}^3\ \Phi_{316}^3\ \Phi_{79}^2\ \Phi_{12}^3\ \Phi_{4}^3\ \Phi_{1}^3$
112970	1581	2816	$\frac{3}{176}$	$\frac{173}{1408}$	$\frac{1}{4}$	$\frac{1235}{2816}$	$\Phi_{2816}\ \Phi_{256}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
112971	1581	2800	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{181}{1400}$	$\frac{1219}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{200}\ \Phi_{112}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
112972	1581	1410	$\frac{1}{94}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{470}\ \Phi_{282}^2\ \Phi_{235}\ \Phi_{141}^2\ \Phi_{94}\ \Phi_{47}\ \Phi_{15}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
112973	1581	924	$\frac{1}{66}$	$\frac{65}{462}$	$\frac{1}{4}$	$\frac{397}{924}$	$\Phi_{924}\ \Phi_{462}^2\ \Phi_{308}\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}^3\ \Phi_{84}\ \Phi_{77}^2\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{42}^2\ \Phi_{33}^3\ \Phi_{28}\ \Phi_{22}^3\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
112974	1581	2212	$\frac{1}{79}$	$\frac{78}{553}$	$\frac{631}{2212}$	$\frac{475}{1106}$	$\Phi_{2212}\ \Phi_{553}\ \Phi_{316}\ \Phi_{28}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
112975	1581	1128	$\frac{1}{94}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1128}^2\ \Phi_{376}^2\ \Phi_{282}^2\ \Phi_{141}^2\ \Phi_{94}\ \Phi_{47}\ \Phi_{24}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
112976	1581	1600	$\frac{19}{1600}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{64}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
112977	1581	880	$\frac{1}{88}$	$\frac{87}{440}$	$\frac{1}{4}$	$\frac{353}{880}$	$\Phi_{880}^3\ \Phi_{176}^3\ \Phi_{88}^3\ \Phi_{80}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{16}^3\ \Phi_{11}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
112978	1581	35	$\frac{1}{35}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{35}^{45}\ \Phi_{7}^{45}\ \Phi_{5}^{46}\ \Phi_{1}^{47}$
112979	1581	2560	$\frac{1}{20}$	$\frac{19}{320}$	$\frac{301}{1280}$	$\frac{979}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
112980	1581	224	$\frac{1}{32}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{224}^8\ \Phi_{112}^8\ \Phi_{56}^7\ \Phi_{32}^3\ \Phi_{28}^7\ \Phi_{16}^3\ \Phi_{14}^7\ \Phi_{8}^3\ \Phi_{7}^7\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
112981	1581	624	$\frac{1}{52}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{624}^4\ \Phi_{208}^4\ \Phi_{104}^4\ \Phi_{52}^3\ \Phi_{48}^3\ \Phi_{26}^3\ \Phi_{16}^3\ \Phi_{13}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
112982	1581	540	$\frac{13}{540}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{54}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{27}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_{9}^3\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
112983	1581	416	$\frac{1}{32}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{416}^4\ \Phi_{208}^4\ \Phi_{104}^4\ \Phi_{52}^4\ \Phi_{32}^3\ \Phi_{26}\ \Phi_{16}^3\ \Phi_{13}^3\ \Phi_{8}^3\ \Phi_{4}^3\ \Phi_{1}^3$
112984	1581	553	$\frac{26}{553}$	$\frac{4}{79}$	$\frac{25}{79}$	$\frac{27}{79}$	$\Phi_{553}^3\ \Phi_{79}^2\ \Phi_{7}^3\ \Phi_{1}^3$
112985	1581	800	$\frac{19}{400}$	$\frac{1}{20}$	$\frac{127}{400}$	$\frac{273}{800}$	$\Phi_{800}^3\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}^3\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}^3\ \Phi_{25}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
112986	1581	632	$\frac{1}{79}$	$\frac{105}{632}$	$\frac{26}{79}$	$\frac{53}{158}$	$\Phi_{632}^3\ \Phi_{316}^3\ \Phi_{79}^2\ \Phi_{8}^3\ \Phi_{4}^3\ \Phi_{1}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
112987	1581	792	$\frac{1}{132}$	$\frac{1}{4}$	$\frac{131}{396}$	$\frac{265}{792}$	$\Phi_{792}^3\ \Phi_{264}^3\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{72}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^3\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
112988	1581	825	$\frac{1}{25}$	$\frac{2}{33}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}^2\ \Phi_{55}^2\ \Phi_{33}^3\ \Phi_{25}^2\ \Phi_{11}^3\ \Phi_5^2\ \Phi_1^3$
112989	1581	1260	$\frac{2}{105}$	$\frac{103}{630}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
112990	1581	540	$\frac{13}{540}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{90}^3\ \Phi_{60}^2\ \Phi_{54}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{27}^3\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
112991	1581	600	$\frac{2}{75}$	$\frac{73}{600}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{600}^3\ \Phi_{300}^2\ \Phi_{200}^3\ \Phi_{150}^2\ \Phi_{120}^3\ \Phi_{100}^2\ \Phi_{75}^3\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
112992	1581	1092	$\frac{19}{546}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}^2\ \Phi_{91}\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{28}\ \Phi_{26}\ \Phi_{21}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
112993	1581	396	$\frac{1}{18}$	$\frac{2}{33}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^6\ \Phi_{198}^3\ \Phi_{132}^5\ \Phi_{99}^3\ \Phi_{66}^2\ \Phi_{44}^5\ \Phi_{36}^2\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_{11}^3\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
112994	1581	165	$\frac{2}{33}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{165}^9\ \Phi_{55}^{10}\ \Phi_{33}^{10}\ \Phi_{15}^{10}\ \Phi_{11}^{11}\ \Phi_5^{10}\ \Phi_3^{10}\ \Phi_1^{11}$
112995	1581	660	$\frac{2}{33}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{3}$	$\Phi_{660}^3\ \Phi_{330}^2\ \Phi_{220}^3\ \Phi_{165}^2\ \Phi_{132}^3\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
112996	1581	711	$\frac{1}{79}$	$\frac{53}{237}$	$\frac{184}{711}$	$\frac{26}{79}$	$\Phi_{711}^3\ \Phi_{79}^2\ \Phi_9^3\ \Phi_1^3$
112997	1581	784	$\frac{13}{784}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{257}{784}$	$\Phi_{784}^2\ \Phi_{392}^2\ \Phi_{196}^2\ \Phi_{112}^2\ \Phi_{98}^2\ \Phi_{56}^2\ \Phi_{49}^2\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
112998	1581	552	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{15}{46}$	$\Phi_{552}^4\ \Phi_{276}^4\ \Phi_{138}^4\ \Phi_{69}^4\ \Phi_{46}^2\ \Phi_{24}^5\ \Phi_{23}^2\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
112999	1581	460	$\frac{1}{46}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{15}{46}$	$\Phi_{460}^4\ \Phi_{230}^4\ \Phi_{115}^4\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^5\ \Phi_2^2\ \Phi_1^3$
113000	1581	780	$\frac{7}{260}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{253}{780}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{195}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{60}^3\ \Phi_{39}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
113001	1581	1188	$\frac{1}{33}$	$\frac{67}{594}$	$\frac{1}{4}$	$\frac{32}{99}$	$\Phi_{1188}^2\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{99}\ \Phi_{66}\ \Phi_{54}\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
113002	1581	225	$\frac{1}{25}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{8}{25}$	$\Phi_{225}^{10}\ \Phi_{45}^{11}\ \Phi_{25}^2\ \Phi_9^{11}\ \Phi_5^2\ \Phi_1^3$
113003	1581	200	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{8}{25}$	$\Phi_{200}^{10}\ \Phi_{100}^{10}\ \Phi_{40}^{11}\ \Phi_{25}^2\ \Phi_{20}^{11}\ \Phi_8^{11}\ \Phi_5^2\ \Phi_4^{11}\ \Phi_1^3$
113004	1581	175	$\frac{1}{25}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{8}{25}$	$\Phi_{175}^{10}\ \Phi_{35}^{11}\ \Phi_{25}^2\ \Phi_7^{11}\ \Phi_5^2\ \Phi_1^3$
113005	1581	900	$\frac{1}{25}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{8}{25}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_5^2\ \Phi_4^3\ \Phi_1^3$
113006	1581	576	$\frac{1}{24}$	$\frac{49}{576}$	$\frac{1}{4}$	$\frac{23}{72}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
113007	1581	768	$\frac{15}{256}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{241}{768}$	$\Phi_{768}^3\ \Phi_{384}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
113008	1581	180	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{180}^{11}\ \Phi_{90}^5\ \Phi_{60}^{12}\ \Phi_{45}^6\ \Phi_{36}^{13}\ \Phi_{30}^6\ \Phi_{20}^{12}\ \Phi_{18}^6\ \Phi_{15}^6\ \Phi_{12}^{14}\ \Phi_{10}^6\ \Phi_9^7\ \Phi_6^7\ \Phi_5^6\ \Phi_4^{13}\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
113009	1581	495	$\frac{1}{15}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{14}{45}$	$\Phi_{495}^5\ \Phi_{99}^5\ \Phi_{55}\ \Phi_{45}\ \Phi_{11}\ \Phi_9\ \Phi_1$
113010	1581	180	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{14}{45}$	$\Phi_{180}^{15}\ \Phi_{90}^{10}\ \Phi_{45}^{11}\ \Phi_{36}^{15}\ \Phi_{20}^3\ \Phi_{18}^{10}\ \Phi_{10}^2\ \Phi_9^{11}\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
113011	1581	650	$\frac{7}{130}$	$\frac{1}{10}$	$\frac{123}{650}$	$\frac{3}{10}$	$\Phi_{650}^3\ \Phi_{325}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
113012	1581	560	$\frac{33}{560}$	$\frac{1}{10}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
113013	1581	640	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{113}{640}$	$\frac{47}{160}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}\ \Phi_{128}^3\ \Phi_{80}\ \Phi_{64}^3\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
113014	1581	96	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{96}^{24}\ \Phi_{48}^{24}\ \Phi_{32}^3\ \Phi_{24}^{21}\ \Phi_{16}^3\ \Phi_{12}^{21}\ \Phi_8^3\ \Phi_6^{21}\ \Phi_4^2\ \Phi_3^{21}\ \Phi_2^2\ \Phi_1^3$
113015	1581	2760	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{22}{115}$	$\frac{7}{24}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{120}\ \Phi_{115}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
113016	1581	540	$\frac{13}{540}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{54}^3\ \Phi_{45}^3\ \Phi_{36}\ \Phi_{30}^3\ \Phi_{27}^3\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
113017	1581	600	$\frac{1}{20}$	$\frac{73}{600}$	$\frac{19}{100}$	$\frac{27}{100}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}\ \Phi_{40}^3\ \Phi_{30}^3$ $\Phi_{25}\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
113018	1581	720	$\frac{1}{48}$	$\frac{47}{240}$	$\frac{1}{4}$	$\frac{193}{720}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}^3$ $\Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
113019	1581	704	$\frac{3}{176}$	$\frac{173}{704}$	$\frac{1}{4}$	$\frac{177}{704}$	$\Phi_{704}^2\ \Phi_{352}^2\ \Phi_{176}^3\ \Phi_{88}^3\ \Phi_{64}^2\ \Phi_{44}^3\ \Phi_{32}^2\ \Phi_{22}^3\ \Phi_{16}^3\ \Phi_{11}^3\ \Phi_8^3\ \Phi_4^2$ $\Phi_2^2\ \Phi_1^3$
113020	1581	160	$\frac{1}{32}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{160}^{12}\ \Phi_{80}^{12}\ \Phi_{40}^{12}\ \Phi_{32}^3\ \Phi_{20}^9\ \Phi_{16}^3\ \Phi_{10}^9\ \Phi_8^3\ \Phi_5^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
113021	1581	696	$\frac{5}{174}$	$\frac{1}{6}$	$\frac{169}{696}$	$\frac{1}{4}$	$\Phi_{696}^3\ \Phi_{348}\ \Phi_{232}^3\ \Phi_{174}^2\ \Phi_{116}\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3$ $\Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
113022	1581	576	$\frac{1}{16}$	$\frac{49}{576}$	$\frac{15}{64}$	$\frac{1}{4}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^3$ $\Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
113023	1581	132	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{132}^{17}\ \Phi_{66}^6\ \Phi_{44}^{14}\ \Phi_{33}^{11}\ \Phi_{22}^5\ \Phi_{12}^{17}\ \Phi_{11}^9\ \Phi_6^6\ \Phi_4^{13}\ \Phi_3^{11}\ \Phi_2^4\ \Phi_1^9$
113024	1581	360	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{360}^6\ \Phi_{180}^2\ \Phi_{120}^6\ \Phi_{90}^4\ \Phi_{72}^6\ \Phi_{60}^2\ \Phi_{45}^4\ \Phi_{40}^3\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^6\ \Phi_{20}$ $\Phi_{18}^5\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_9^5\ \Phi_8^3\ \Phi_6^5\ \Phi_5^2\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
113025	1581	672	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{145}{672}$	$\frac{1}{4}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3$ $\Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
113026	1581	64	$\frac{1}{32}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{64}^{31}\ \Phi_{32}^{18}\ \Phi_{16}^{19}\ \Phi_8^{19}\ \Phi_4^{18}\ \Phi_2^{18}\ \Phi_1^{19}$
113027	1581	660	$\frac{1}{33}$	$\frac{32}{165}$	$\frac{133}{660}$	$\frac{1}{4}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{110}^2\ \Phi_{66}^3\ \Phi_{60}^2\ \Phi_{55}^3\ \Phi_{44}^3\ \Phi_{33}^3$ $\Phi_{30}^2\ \Phi_{22}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
113028	1581	1260	$\frac{1}{18}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}^2$ $\Phi_{63}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
113029	1581	460	$\frac{1}{23}$	$\frac{3}{20}$	$\frac{22}{115}$	$\frac{1}{4}$	$\Phi_{460}^3\ \Phi_{230}^3\ \Phi_{115}^4\ \Phi_{92}^4\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
113030	1581	1792	$\frac{13}{224}$	$\frac{211}{1792}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
113031	1581	560	$\frac{33}{560}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^2\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{56}^2\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{16}^3$ $\Phi_{14}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
113032	1581	1760	$\frac{3}{44}$	$\frac{179}{1760}$	$\frac{41}{220}$	$\frac{1}{4}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}\ \Phi_{88}\ \Phi_{80}\ \Phi_{44}\ \Phi_{40}\ \Phi_{32}$ $\Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
113033	1581	640	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{113}{640}$	$\frac{1}{4}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
113034	1581	560	$\frac{33}{560}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_8^3$ $\Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
113035	1581	36	$\frac{1}{18}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{36}^{41}\ \Phi_{18}^{46}\ \Phi_{12}^{43}\ \Phi_9^{46}\ \Phi_6^{47}\ \Phi_4^{42}\ \Phi_3^{47}\ \Phi_2^{46}\ \Phi_1^{47}$
113036	1581	624	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{97}{624}$	$\frac{1}{4}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{48}^3\ \Phi_{39}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3$ $\Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
113037	1581	616	$\frac{3}{44}$	$\frac{41}{308}$	$\frac{89}{616}$	$\frac{1}{4}$	$\Phi_{616}^3\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{88}^3\ \Phi_{77}^2\ \Phi_{56}^3\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^3\ \Phi_8^3$ $\Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
113038	1581	200	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{47}{200}$	$\Phi_{200}^7\ \Phi_{100}^7\ \Phi_{50}^{10}\ \Phi_{40}^8\ \Phi_{25}^{10}\ \Phi_{20}^8\ \Phi_{10}^{10}\ \Phi_8^8\ \Phi_5^{10}\ \Phi_4^8\ \Phi_2^{10}\ \Phi_1^{11}$
113039	1581	440	$\frac{4}{55}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{40}$	$\Phi_{440}^5\ \Phi_{220}^5\ \Phi_{88}^5\ \Phi_{55}\ \Phi_{44}^5\ \Phi_{40}\ \Phi_{20}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
113040	1581	40	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{9}{40}$	$\Phi_{40}^{51}\ \Phi_{20}^{24}\ \Phi_{10}^{32}\ \Phi_8^{51}\ \Phi_5^{32}\ \Phi_4^{24}\ \Phi_2^{32}\ \Phi_1^{33}$
113041	1581	2000	$\frac{1}{20}$	$\frac{81}{500}$	$\frac{19}{100}$	$\frac{419}{2000}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{16}\ \Phi_8$ Φ_1
113042	1581	385	$\frac{4}{55}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{385}^5\ \Phi_{77}^5\ \Phi_{55}\ \Phi_{35}\ \Phi_{11}\ \Phi_7\ \Phi_1$
113043	1581	1980	$\frac{4}{55}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{55}\ \Phi_{44}$ $\Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_1$
113044	1581	140	$\frac{1}{10}$	$\frac{4}{35}$	$\frac{3}{20}$	$\frac{1}{5}$	$\Phi_{140}^{15}\ \Phi_{70}^{10}\ \Phi_{35}^{11}\ \Phi_{28}^{15}\ \Phi_{20}^3\ \Phi_{14}^{10}\ \Phi_{10}^2\ \Phi_7^{11}\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
113045	1581	180	$\frac{1}{10}$	$\frac{5}{36}$	$\frac{3}{20}$	$\frac{1}{6}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^4\ \Phi_{45}^{10}\ \Phi_{36}^{11}\ \Phi_{30}^6\ \Phi_{20}^7\ \Phi_{18}^{11}\ \Phi_{15}^6\ \Phi_{12}^5\ \Phi_{10}^8\ \Phi_9^{11}$ $\Phi_6^6\ \Phi_5^8\ \Phi_4^8\ \Phi_3^6\ \Phi_2^8\ \Phi_1^9$
113046	1582	1578	$\frac{2}{789}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{787}{1578}$	$\Phi_{1578}^2\ \Phi_{526}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
113047	1582	1056	$\frac{1}{264}$	$\frac{265}{1056}$	$\frac{1}{3}$	$\frac{263}{528}$	$\Phi_{1056}^2\ \Phi_{352}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{96}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{22}^2$ $\Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
113048	1582	4728	$\frac{3}{788}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{785}{1576}$	$\Phi_{4728}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
113049	1582	900	$\frac{1}{225}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{112}{225}$	$\Phi_{900}^3\ \Phi_{300}^3\ \Phi_{225}\ \Phi_{180}^3\ \Phi_{100}^3\ \Phi_{75}\ \Phi_{60}^3\ \Phi_{45}\ \Phi_{36}^3\ \Phi_{25}\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}^4\ \Phi_9\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
113050	1582	225	$\frac{1}{225}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{112}{225}$	$\Phi_{225}^7\ \Phi_{75}^7\ \Phi_{45}^7\ \Phi_{25}^7\ \Phi_{15}^7\ \Phi_9^8\ \Phi_5^7\ \Phi_3^7\ \Phi_1^8$
113051	1582	1572	$\frac{5}{786}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{781}{1572}$	$\Phi_{1572}^2\ \Phi_{524}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
113052	1582	2912	$\frac{1}{112}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{111}{224}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{224}^2\ \Phi_{32}^2\ \Phi_{13}\ \Phi_1^2$
113053	1582	672	$\frac{1}{112}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{111}{224}$	$\Phi_{672}^7\ \Phi_{96}^7\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
113054	1582	1566	$\frac{8}{783}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{775}{1566}$	$\Phi_{1566}^2\ \Phi_{522}^2\ \Phi_{174}^2\ \Phi_{58}^2\ \Phi_{54}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
113055	1582	1488	$\frac{1}{93}$	$\frac{47}{744}$	$\frac{697}{1488}$	$\frac{46}{93}$	$\Phi_{1488}^2\ \Phi_{496}^2\ \Phi_{93}\ \Phi_{48}^2\ \Phi_{31}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
113056	1582	1116	$\frac{1}{93}$	$\frac{47}{372}$	$\frac{325}{1116}$	$\frac{46}{93}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{279}^2\ \Phi_{93}\ \Phi_{36}^2\ \Phi_{31}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
113057	1582	930	$\frac{1}{93}$	$\frac{139}{930}$	$\frac{47}{186}$	$\frac{46}{93}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{310}^2\ \Phi_{155}^2\ \Phi_{93}\ \Phi_{31}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
113058	1582	2640	$\frac{1}{88}$	$\frac{89}{880}$	$\frac{1}{3}$	$\frac{87}{176}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
113059	1582	1564	$\frac{9}{782}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{773}{1564}$	$\Phi_{1564}^2\ \Phi_{92}^2\ \Phi_{68}^2\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
113060	1582	4686	$\frac{10}{781}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{771}{1562}$	$\Phi_{4686}\ \Phi_{426}\ \Phi_{66}\ \Phi_{33}\ \Phi_6$
113061	1582	864	$\frac{1}{72}$	$\frac{73}{864}$	$\frac{1}{3}$	$\frac{71}{144}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
113062	1582	1560	$\frac{11}{780}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{769}{1560}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}^2\ \Phi_{120}^2\ \Phi_{104}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
113063	1582	1110	$\frac{2}{111}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{109}{222}$	$\Phi_{1110}^3\ \Phi_{370}^3\ \Phi_{222}^2\ \Phi_{74}^2\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
113064	1582	1530	$\frac{1}{51}$	$\frac{26}{765}$	$\frac{739}{1530}$	$\frac{25}{51}$	$\Phi_{1530}^2\ \Phi_{510}^2\ \Phi_{306}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{90}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
113065	1582	1020	$\frac{1}{51}$	$\frac{26}{255}$	$\frac{229}{1020}$	$\frac{25}{51}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{204}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
113066	1582	918	$\frac{1}{51}$	$\frac{127}{918}$	$\frac{26}{153}$	$\frac{25}{51}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{306}^2\ \Phi_{102}^2\ \Phi_{54}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
113067	1582	1551	$\frac{31}{1551}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{760}{1551}$	$\Phi_{1551}\ \Phi_{517}\ \Phi_{141}\ \Phi_{47}\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
113068	1582	1550	$\frac{16}{775}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{759}{1550}$	$\Phi_{1550}^2\ \Phi_{310}^2\ \Phi_{62}^2\ \Phi_{50}^2\ \Phi_{31}\ \Phi_{10}^2\ \Phi_2^2\ \Phi_1^2$
113069	1582	1548	$\frac{17}{774}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{757}{1548}$	$\Phi_{1548}^2\ \Phi_{516}^2\ \Phi_{172}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
113070	1582	221	$\frac{5}{221}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{108}{221}$	$\Phi_{221}^7\ \Phi_{17}^9\ \Phi_{13}^7\ \Phi_1^{10}$
113071	1582	2280	$\frac{1}{38}$	$\frac{1}{15}$	$\frac{39}{152}$	$\frac{37}{76}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{190}\ \Phi_{120}\ \Phi_{114}\ \Phi_{95}\ \Phi_{57}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{10}\ \Phi_6$
113072	1582	660	$\frac{3}{110}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{107}{220}$	$\Phi_{660}^7\ \Phi_{132}^7\ \Phi_{66}\ \Phi_{60}^7\ \Phi_{33}\ \Phi_{12}^7\ \Phi_6$
113073	1582	1536	$\frac{23}{768}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{745}{1536}$	$\Phi_{1536}^2\ \Phi_{512}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
113074	1582	930	$\frac{1}{31}$	$\frac{16}{155}$	$\frac{139}{930}$	$\frac{15}{31}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{310}^2\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
113075	1582	816	$\frac{25}{816}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{24}^2\ \Phi_{17}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
113076	1582	1518	$\frac{1}{33}$	$\frac{32}{759}$	$\frac{1}{3}$	$\frac{727}{1518}$	$\Phi_{1518}^2\ \Phi_{506}^2\ \Phi_{138}^2\ \Phi_{66}^2\ \Phi_{46}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
113077	1582	216	$\frac{1}{36}$	$\frac{5}{108}$	$\frac{1}{3}$	$\frac{103}{216}$	$\Phi_{216}^{14}\ \Phi_{72}^{14}\ \Phi_{36}^2\ \Phi_{24}^{14}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^{14}\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
113078	1582	1080	$\frac{5}{108}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{103}{216}$	$\Phi_{1080}^3\ \Phi_{360}^3\ \Phi_{216}^2\ \Phi_{120}^3\ \Phi_{72}^2\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
113079	1582	4488	$\frac{1}{44}$	$\frac{43}{748}$	$\frac{1}{3}$	$\frac{705}{1496}$	$\Phi_{4488}\ \Phi_{408}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
113080	1582	1173	$\frac{9}{391}$	$\frac{1}{17}$	$\frac{382}{1173}$	$\frac{8}{17}$	$\Phi_{1173}^2\ \Phi_{69}^2\ \Phi_{51}^2\ \Phi_{17}\ \Phi_3^2\ \Phi_1^2$
113081	1582	816	$\frac{25}{816}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
113082	1582	1488	$\frac{1}{31}$	$\frac{47}{744}$	$\frac{15}{62}$	$\frac{697}{1488}$	$\Phi_{1488}^2\ \Phi_{496}^2\ \Phi_{62}^2\ \Phi_{48}^2\ \Phi_{31}\ \Phi_{16}^2\ \Phi_2^2\ \Phi_1^2$
113083	1582	1485	$\frac{2}{99}$	$\frac{97}{1485}$	$\frac{1}{3}$	$\frac{694}{1485}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}\ \Phi_{99}^2\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{27}\ \Phi_{15}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
113084	1582	2184	$\frac{1}{56}$	$\frac{1}{13}$	$\frac{55}{168}$	$\frac{6}{13}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{168}^2\ \Phi_{156}\ \Phi_{84}^2\ \Phi_{78}\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
113085	1582	1508	$\frac{3}{116}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{1508}\ \Phi_{754}\ \Phi_{377}\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{13}\ \Phi_1^2$
113086	1582	1820	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{27}{140}$	$\frac{6}{13}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{260}\ \Phi_{140}^2\ \Phi_{130}\ \Phi_{70}^2\ \Phi_{65}\ \Phi_{35}^2\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
113087	1582	1547	$\frac{6}{119}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}^2\ \Phi_{17}^2\ \Phi_{13}\ \Phi_1^2$
113088	1582	1560	$\frac{7}{120}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{6}{13}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{120}^2\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
113089	1582	1664	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{15}{128}$	$\frac{6}{13}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{13}\ \Phi_1^2$
113090	1582	1638	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{13}{126}$	$\frac{6}{13}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{234}\ \Phi_{126}^2\ \Phi_{117}\ \Phi_{78}\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
113091	1582	1452	$\frac{1}{66}$	$\frac{65}{726}$	$\frac{1}{3}$	$\frac{661}{1452}$	$\Phi_{1452}^2\ \Phi_{484}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
113092	1582	1440	$\frac{1}{72}$	$\frac{71}{720}$	$\frac{1}{3}$	$\frac{649}{1440}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
113093	1582	204	$\frac{1}{51}$	$\frac{11}{102}$	$\frac{25}{102}$	$\frac{91}{204}$	$\Phi_{204}^{14}\ \Phi_{102}^2\ \Phi_{68}^{14}\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{17}\ \Phi_{12}^{14}\ \Phi_6^2\ \Phi_4^{14}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
113094	1582	204	$\frac{2}{51}$	$\frac{11}{102}$	$\frac{7}{51}$	$\frac{91}{204}$	$\Phi_{204}^{14}\ \Phi_{68}^{14}\ \Phi_{51}^3\ \Phi_{17}^3\ \Phi_{12}^{14}\ \Phi_4^{14}\ \Phi_3^3\ \Phi_1^4$
113095	1582	4224	$\frac{1}{88}$	$\frac{87}{704}$	$\frac{1}{3}$	$\frac{617}{1408}$	$\Phi_{4224}\ \Phi_{384}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
113096	1582	2400	$\frac{9}{800}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
113097	1582	1395	$\frac{1}{93}$	$\frac{187}{1395}$	$\frac{92}{279}$	$\frac{604}{1395}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}^2\ \Phi_{155}\ \Phi_{93}\ \Phi_{45}\ \Phi_{31}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
113098	1582	198	$\frac{1}{99}$	$\frac{14}{99}$	$\frac{1}{3}$	$\frac{85}{198}$	$\Phi_{198}^{14}\ \Phi_{99}^2\ \Phi_{66}^{14}\ \Phi_{33}^2\ \Phi_{22}^{14}\ \Phi_{18}^{14}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^{14}\ \Phi_3\ \Phi_2^{14}\ \Phi_1^2$
113099	1582	1116	$\frac{1}{93}$	$\frac{46}{279}$	$\frac{325}{1116}$	$\frac{233}{558}$	$\Phi_{1116}^2\ \Phi_{372}^2\ \Phi_{279}^2\ \Phi_{124}^2\ \Phi_{93}\ \Phi_{36}^2\ \Phi_{31}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
113100	1582	228	$\frac{1}{114}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{228}^{12}\ \Phi_{114}^2\ \Phi_{76}^{12}\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{12}^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
113101	1582	300	$\frac{1}{75}$	$\frac{1}{6}$	$\frac{37}{150}$	$\frac{5}{12}$	$\Phi_{300}^9\ \Phi_{150}^2\ \Phi_{100}^9\ \Phi_{75}\ \Phi_{60}^9\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{20}^9\ \Phi_{15}\ \Phi_{12}^{10}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
113102	1582	1380	$\frac{2}{115}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1380}^2\ \Phi_{460}^2\ \Phi_{276}^2\ \Phi_{115}^2\ \Phi_{92}^2\ \Phi_{60}\ \Phi_{23}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
113103	1582	540	$\frac{1}{45}$	$\frac{22}{135}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{540}^6\ \Phi_{180}^3\ \Phi_{135}^2\ \Phi_{108}^6\ \Phi_{60}^3\ \Phi_{45}\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}^4\ \Phi_9\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
113104	1582	468	$\frac{4}{117}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{468}^6\ \Phi_{156}^6\ \Phi_{117}^2\ \Phi_{52}^6\ \Phi_{39}^2\ \Phi_{36}^3\ \Phi_{13}^2\ \Phi_{12}^4\ \Phi_9\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
113105	1582	1500	$\frac{1}{25}$	$\frac{12}{125}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1500}^2\ \Phi_{500}^2\ \Phi_{300}\ \Phi_{125}^2\ \Phi_{100}\ \Phi_{60}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
113106	1582	120	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{120}^{14}\ \Phi_{60}^{11}\ \Phi_{40}^{14}\ \Phi_{30}^{14}\ \Phi_{24}^{14}\ \Phi_{20}^{11}\ \Phi_{15}^{13}\ \Phi_{12}^{12}\ \Phi_{10}^{14}\ \Phi_8^{14}\ \Phi_6^{14}\ \Phi_5^{13}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
113107	1582	570	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{18}{95}$	$\frac{77}{190}$	$\Phi_{570}^5\ \Phi_{285}\ \Phi_{190}^4\ \Phi_{114}^5\ \Phi_{95}\ \Phi_{57}\ \Phi_{38}^4\ \Phi_{30}^5\ \Phi_{10}^4\ \Phi_6^5\ \Phi_2^4$
113108	1582	1320	$\frac{1}{132}$	$\frac{131}{660}$	$\frac{1}{3}$	$\frac{529}{1320}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{120}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
113109	1582	570	$\frac{1}{114}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{570}^3\ \Phi_{285}^3\ \Phi_{190}^3\ \Phi_{114}^2\ \Phi_{95}^3\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{30}^3\ \Phi_{19}^2\ \Phi_{15}^3\ \Phi_{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
113110	1582	124	$\frac{1}{31}$	$\frac{11}{124}$	$\frac{15}{62}$	$\frac{47}{124}$	$\Phi_{124}^{12}\ \Phi_{62}^{14}\ \Phi_{31}^{13}\ \Phi_4^{12}\ \Phi_2^{14}\ \Phi_1^{14}$
113111	1582	1224	$\frac{1}{51}$	$\frac{25}{204}$	$\frac{179}{612}$	$\frac{433}{1224}$	$\Phi_{1224}^2\ \Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{72}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
113112	1582	1209	$\frac{1}{31}$	$\frac{30}{403}$	$\frac{373}{1209}$	$\frac{418}{1209}$	$\Phi_{1209}\ \Phi_{403}^2\ \Phi_{93}\ \Phi_{39}\ \Phi_{31}\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
113113	1582	1188	$\frac{1}{198}$	$\frac{197}{594}$	$\frac{1}{3}$	$\frac{397}{1188}$	$\Phi_{1188}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
113114	1582	342	$\frac{1}{114}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{342}^{6}\,\Phi_{171}^{6}\,\Phi_{114}^{2}\,\Phi_{57}^{2}\,\Phi_{38}^{2}\,\Phi_{19}^{2}\,\Phi_{18}^{6}\,\Phi_{9}^{4}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
113115	1582	168	$\frac{1}{56}$	$\frac{1}{8}$	$\frac{55}{168}$	$\frac{1}{3}$	$\Phi_{168}^{7}\,\Phi_{84}^{7}\,\Phi_{56}^{14}\,\Phi_{42}^{7}\,\Phi_{28}^{14}\,\Phi_{24}^{8}\,\Phi_{21}^{7}\,\Phi_{14}^{14}\,\Phi_{12}^{8}\,\Phi_{8}^{14}\,\Phi_{7}^{14}\,\Phi_{6}^{8}\,\Phi_{4}^{14}\,\Phi_{3}^{7}\,\Phi_{2}^{14}\,\Phi_{1}^{14}$
113116	1582	891	$\frac{2}{99}$	$\frac{100}{891}$	$\frac{97}{297}$	$\frac{1}{3}$	$\Phi_{891}^{2}\,\Phi_{297}\,\Phi_{99}^{2}\,\Phi_{81}^{2}\,\Phi_{33}^{2}\,\Phi_{27}\,\Phi_{11}^{2}\,\Phi_{9}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
113117	1582	864	$\frac{1}{36}$	$\frac{73}{864}$	$\frac{35}{108}$	$\frac{1}{3}$	$\Phi_{864}^{2}\,\Phi_{432}^{2}\,\Phi_{288}^{2}\,\Phi_{216}^{2}\,\Phi_{144}^{2}\,\Phi_{96}^{2}\,\Phi_{72}^{2}\,\Phi_{48}^{2}\,\Phi_{36}^{2}\,\Phi_{32}^{2}\,\Phi_{24}^{2}\,\Phi_{18}^{2}\,\Phi_{16}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
113118	1582	1152	$\frac{1}{24}$	$\frac{23}{384}$	$\frac{361}{1152}$	$\frac{1}{3}$	$\Phi_{1152}^{2}\,\Phi_{576}^{2}\,\Phi_{288}^{2}\,\Phi_{144}^{2}\,\Phi_{72}^{2}\,\Phi_{36}^{2}\,\Phi_{24}^{2}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
113119	1582	810	$\frac{19}{810}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{810}^{2}\,\Phi_{405}^{2}\,\Phi_{270}^{2}\,\Phi_{162}^{2}\,\Phi_{135}^{2}\,\Phi_{90}^{2}\,\Phi_{81}^{2}\,\Phi_{54}^{2}\,\Phi_{45}^{2}\,\Phi_{30}^{2}\,\Phi_{18}^{2}\,\Phi_{15}^{2}\,\Phi_{10}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
113120	1582	1080	$\frac{1}{72}$	$\frac{71}{360}$	$\frac{289}{1080}$	$\frac{1}{3}$	$\Phi_{1080}^{2}\,\Phi_{540}^{2}\,\Phi_{270}^{2}\,\Phi_{216}^{2}\,\Phi_{135}^{2}\,\Phi_{108}^{2}\,\Phi_{72}^{2}\,\Phi_{54}^{2}\,\Phi_{36}^{2}\,\Phi_{27}^{2}\,\Phi_{24}^{2}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
113121	1582	1056	$\frac{1}{88}$	$\frac{87}{352}$	$\frac{265}{1056}$	$\frac{1}{3}$	$\Phi_{1056}\,\Phi_{528}\,\Phi_{352}^{2}\,\Phi_{264}^{2}\,\Phi_{176}^{2}\,\Phi_{132}^{2}\,\Phi_{96}\,\Phi_{88}^{2}\,\Phi_{66}^{2}\,\Phi_{48}\,\Phi_{44}^{2}\,\Phi_{33}^{2}\,\Phi_{32}^{2}\,\Phi_{24}^{2}\,\Phi_{22}^{2}\,\Phi_{16}^{2}\,\Phi_{12}^{2}\,\Phi_{11}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
113122	1582	696	$\frac{3}{116}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{696}^{4}\,\Phi_{348}^{3}\,\Phi_{174}^{3}\,\Phi_{87}^{3}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}$
113123	1582	450	$\frac{1}{75}$	$\frac{2}{9}$	$\frac{37}{150}$	$\frac{1}{3}$	$\Phi_{450}^{6}\,\Phi_{225}^{3}\,\Phi_{150}^{2}\,\Phi_{90}^{6}\,\Phi_{75}\,\Phi_{50}^{2}\,\Phi_{45}^{3}\,\Phi_{30}^{2}\,\Phi_{25}\,\Phi_{18}^{6}\,\Phi_{15}\,\Phi_{10}^{2}\,\Phi_{9}^{4}\,\Phi_{6}^{2}\,\Phi_{5}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
113124	1582	1044	$\frac{8}{261}$	$\frac{1}{9}$	$\frac{253}{1044}$	$\frac{1}{3}$	$\Phi_{1044}^{2}\,\Phi_{522}^{2}\,\Phi_{348}^{2}\,\Phi_{174}^{2}\,\Phi_{116}^{2}\,\Phi_{58}^{2}\,\Phi_{36}^{2}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
113125	1582	864	$\frac{1}{24}$	$\frac{73}{864}$	$\frac{23}{96}$	$\frac{1}{3}$	$\Phi_{864}^{2}\,\Phi_{432}^{2}\,\Phi_{288}^{2}\,\Phi_{216}^{2}\,\Phi_{144}^{2}\,\Phi_{108}^{2}\,\Phi_{72}^{2}\,\Phi_{54}^{2}\,\Phi_{36}^{2}\,\Phi_{27}^{2}\,\Phi_{24}^{2}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
113126	1582	1035	$\frac{2}{115}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1035}^{2}\,\Phi_{207}^{2}\,\Phi_{115}^{2}\,\Phi_{45}\,\Phi_{23}^{2}\,\Phi_{9}^{2}\,\Phi_{5}\,\Phi_{1}^{2}$
113127	1582	135	$\frac{1}{45}$	$\frac{22}{135}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{135}^{14}\,\Phi_{45}^{7}\,\Phi_{27}^{14}\,\Phi_{15}^{7}\,\Phi_{9}^{8}\,\Phi_{5}^{7}\,\Phi_{3}^{7}\,\Phi_{1}^{8}$
113128	1582	810	$\frac{19}{810}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{810}^{2}\,\Phi_{405}^{2}\,\Phi_{270}^{2}\,\Phi_{162}^{2}\,\Phi_{135}^{2}\,\Phi_{90}^{2}\,\Phi_{81}^{2}\,\Phi_{54}^{2}\,\Phi_{45}\,\Phi_{30}^{2}\,\Phi_{27}^{2}\,\Phi_{18}^{2}\,\Phi_{15}\,\Phi_{10}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{5}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
113129	1582	900	$\frac{7}{225}$	$\frac{109}{900}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{900}^{2}\,\Phi_{450}^{2}\,\Phi_{300}^{2}\,\Phi_{225}\,\Phi_{180}^{2}\,\Phi_{150}^{2}\,\Phi_{100}^{2}\,\Phi_{90}^{2}\,\Phi_{75}\,\Phi_{60}^{2}\,\Phi_{50}^{2}\,\Phi_{45}\,\Phi_{36}^{2}\,\Phi_{30}^{2}\,\Phi_{25}\,\Phi_{20}^{2}\,\Phi_{18}^{2}\,\Phi_{15}\,\Phi_{12}^{2}\,\Phi_{10}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{5}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
113130	1582	117	$\frac{4}{117}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{117}^{14}\,\Phi_{39}^{14}\,\Phi_{13}^{14}\,\Phi_{9}^{8}\,\Phi_{3}^{7}\,\Phi_{1}^{8}$
113131	1582	1125	$\frac{1}{25}$	$\frac{12}{125}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1125}^{2}\,\Phi_{225}\,\Phi_{125}^{2}\,\Phi_{45}\,\Phi_{25}\,\Phi_{9}^{2}\,\Phi_{5}\,\Phi_{1}^{2}$
113132	1582	360	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}^{6}\,\Phi_{180}^{6}\,\Phi_{120}^{2}\,\Phi_{90}^{6}\,\Phi_{72}^{6}\,\Phi_{60}^{2}\,\Phi_{45}^{3}\,\Phi_{40}^{2}\,\Phi_{36}^{6}\,\Phi_{30}^{2}\,\Phi_{24}^{2}\,\Phi_{20}^{2}\,\Phi_{18}^{6}\,\Phi_{15}\,\Phi_{12}^{2}\,\Phi_{10}^{2}\,\Phi_{9}^{4}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{5}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
113133	1582	144	$\frac{1}{36}$	$\frac{5}{36}$	$\frac{31}{144}$	$\frac{1}{3}$	$\Phi_{144}^{14}\,\Phi_{72}^{14}\,\Phi_{48}^{14}\,\Phi_{36}^{2}\,\Phi_{24}^{14}\,\Phi_{18}^{2}\,\Phi_{16}^{14}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{14}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
113134	1582	990	$\frac{2}{99}$	$\frac{97}{495}$	$\frac{199}{990}$	$\frac{1}{3}$	$\Phi_{990}^{2}\,\Phi_{495}\,\Phi_{330}^{2}\,\Phi_{198}^{2}\,\Phi_{165}\,\Phi_{110}^{2}\,\Phi_{99}^{2}\,\Phi_{90}^{2}\,\Phi_{66}^{2}\,\Phi_{55}\,\Phi_{45}\,\Phi_{33}^{2}\,\Phi_{30}^{2}\,\Phi_{22}^{2}\,\Phi_{18}^{2}\,\Phi_{15}\,\Phi_{11}^{2}\,\Phi_{10}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{5}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
113135	1582	840	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{27}{140}$	$\frac{1}{3}$	$\Phi_{840}^{4}\,\Phi_{420}^{3}\,\Phi_{210}^{3}\,\Phi_{120}^{4}\,\Phi_{105}^{3}\,\Phi_{60}^{3}\,\Phi_{30}^{3}\,\Phi_{24}\,\Phi_{15}^{3}\,\Phi_{12}\,\Phi_{6}$
113136	1582	2640	$\frac{1}{22}$	$\frac{89}{880}$	$\frac{21}{110}$	$\frac{1}{3}$	$\Phi_{2640}\,\Phi_{1320}\,\Phi_{660}\,\Phi_{528}\,\Phi_{264}\,\Phi_{240}\,\Phi_{132}\,\Phi_{120}\,\Phi_{66}\,\Phi_{60}\,\Phi_{48}\,\Phi_{33}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}$
113137	1582	120	$\frac{7}{120}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{120}^{14}\,\Phi_{60}^{12}\,\Phi_{40}^{14}\,\Phi_{30}^{12}\,\Phi_{24}^{14}\,\Phi_{20}^{12}\,\Phi_{15}^{12}\,\Phi_{12}^{14}\,\Phi_{10}^{12}\,\Phi_{8}^{14}\,\Phi_{6}^{14}\,\Phi_{5}^{12}\,\Phi_{4}^{14}\,\Phi_{3}^{13}\,\Phi_{2}^{14}\,\Phi_{1}^{14}$
113138	1582	960	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{169}{960}$	$\frac{1}{3}$	$\Phi_{960}^{2}\,\Phi_{480}^{2}\,\Phi_{320}^{2}\,\Phi_{240}^{2}\,\Phi_{160}^{2}\,\Phi_{120}^{2}\,\Phi_{80}^{2}\,\Phi_{60}^{2}\,\Phi_{40}^{2}\,\Phi_{30}^{2}\,\Phi_{24}^{2}\,\Phi_{20}^{2}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{10}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
113139	1582	936	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{145}{936}$	$\frac{1}{3}$	$\Phi_{936}^{2}\,\Phi_{468}^{2}\,\Phi_{312}^{2}\,\Phi_{234}^{2}\,\Phi_{117}^{2}\,\Phi_{104}^{2}\,\Phi_{72}^{2}\,\Phi_{36}^{2}\,\Phi_{24}^{2}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
113140	1582	132	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{19}{132}$	$\frac{1}{3}$	$\Phi_{132}^{14}\,\Phi_{66}^{8}\,\Phi_{44}^{14}\,\Phi_{33}^{8}\,\Phi_{22}^{14}\,\Phi_{12}^{14}\,\Phi_{11}^{14}\,\Phi_{6}^{8}\,\Phi_{4}^{14}\,\Phi_{3}^{7}\,\Phi_{2}^{14}\,\Phi_{1}^{14}$
113141	1582	2856	$\frac{6}{119}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2856}\,\Phi_{1428}\,\Phi_{714}\,\Phi_{408}\,\Phi_{204}\,\Phi_{102}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}$
113142	1582	120	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{120}^{14}\,\Phi_{60}^{14}\,\Phi_{40}^{14}\,\Phi_{30}^{14}\,\Phi_{24}^{8}\,\Phi_{20}^{14}\,\Phi_{15}^{14}\,\Phi_{12}^{8}\,\Phi_{10}^{14}\,\Phi_{8}^{14}\,\Phi_{6}^{8}\,\Phi_{5}^{14}\,\Phi_{4}^{14}\,\Phi_{3}^{7}\,\Phi_{2}^{14}\,\Phi_{1}^{14}$
113143	1582	384	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{384}^{7}\,\Phi_{192}^{7}\,\Phi_{96}^{7}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
113144	1582	504	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^4\ \Phi_{63}^2\ \Phi_{56}^4\ \Phi_{42}\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^4\ \Phi_7^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
113145	1582	810	$\frac{1}{15}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{162}$	$\Phi_{810}^3\ \Phi_{405}^3\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
113146	1582	119	$\frac{6}{119}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{119}^{14}\ \Phi_{17}^9\ \Phi_7^{14}\ \Phi_1^{10}$
113147	1582	1116	$\frac{1}{31}$	$\frac{47}{372}$	$\frac{15}{62}$	$\frac{325}{1116}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{279}^2\ \Phi_{62}^2\ \Phi_{36}^2\ \Phi_{31}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
113148	1582	630	$\frac{1}{15}$	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{126}^2\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
113149	1582	153	$\frac{2}{51}$	$\frac{7}{51}$	$\frac{11}{51}$	$\frac{40}{153}$	$\Phi_{153}^{14}\ \Phi_{51}^3\ \Phi_{17}^3\ \Phi_9^{14}\ \Phi_3^3\ \Phi_1^4$
113150	1582	930	$\frac{1}{31}$	$\frac{139}{930}$	$\frac{15}{62}$	$\frac{47}{186}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{310}^2\ \Phi_{155}^2\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
113151	1582	992	$\frac{1}{31}$	$\frac{47}{248}$	$\frac{201}{992}$	$\frac{15}{62}$	$\Phi_{992}^2\ \Phi_{496}^2\ \Phi_{62}^2\ \Phi_{32}^2\ \Phi_{31}\ \Phi_{16}^2\ \Phi_2^2\ \Phi_1^2$
113152	1582	720	$\frac{1}{15}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{144}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{144}^2\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
113153	1583	2712	$\frac{1}{226}$	$\frac{227}{1356}$	$\frac{1129}{2712}$	$\frac{225}{452}$	$\Phi_{2712}\ \Phi_{904}\ \Phi_{452}\ \Phi_{24}\ \Phi_8\ \Phi_4\ \Phi_1$
113154	1583	3136	$\frac{15}{1568}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{1553}{3136}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{64}\ \Phi_{28}\ \Phi_4\ \Phi_1$
113155	1583	3108	$\frac{29}{1554}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1525}{3108}$	$\Phi_{3108}\ \Phi_{1036}\ \Phi_{444}\ \Phi_{148}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
113156	1583	2128	$\frac{13}{532}$	$\frac{1}{14}$	$\frac{545}{2128}$	$\frac{519}{1064}$	$\Phi_{2128}\ \Phi_{532}\ \Phi_{304}\ \Phi_{266}\ \Phi_{133}\ \Phi_{112}\ \Phi_{76}\ \Phi_{38}\ \Phi_{28}\ \Phi_{19}\ \Phi_{16}\ \Phi_4\ \Phi_1$
113157	1583	3024	$\frac{71}{1512}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1441}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
113158	1583	2352	$\frac{15}{784}$	$\frac{1}{14}$	$\frac{769}{2352}$	$\frac{13}{28}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
113159	1583	1624	$\frac{41}{1624}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{1624}\ \Phi_{812}\ \Phi_{406}\ \Phi_{232}\ \Phi_{203}\ \Phi_{116}\ \Phi_{58}\ \Phi_{29}\ \Phi_{28}\ \Phi_4\ \Phi_1$
113160	1583	1960	$\frac{15}{392}$	$\frac{1}{14}$	$\frac{377}{1960}$	$\frac{13}{28}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{280}\ \Phi_{245}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
113161	1583	1680	$\frac{97}{1680}$	$\frac{1}{14}$	$\frac{15}{112}$	$\frac{13}{28}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
113162	1583	1792	$\frac{15}{224}$	$\frac{1}{14}$	$\frac{209}{1792}$	$\frac{13}{28}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{28}\ \Phi_4\ \Phi_1$
113163	1583	1764	$\frac{1}{14}$	$\frac{15}{196}$	$\frac{181}{1764}$	$\frac{13}{28}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{252}\ \Phi_{147}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
113164	1583	1680	$\frac{97}{1680}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{71}{168}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
113165	1583	2712	$\frac{1}{113}$	$\frac{227}{1356}$	$\frac{112}{339}$	$\frac{1129}{2712}$	$\Phi_{2712}\ \Phi_{904}\ \Phi_{339}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
113166	1583	2660	$\frac{13}{266}$	$\frac{1}{14}$	$\frac{253}{1330}$	$\frac{1077}{2660}$	$\Phi_{2660}\ \Phi_{532}\ \Phi_{380}\ \Phi_{266}\ \Phi_{140}\ \Phi_{133}\ \Phi_{76}\ \Phi_{38}\ \Phi_{28}\ \Phi_{20}\ \Phi_{19}\ \Phi_4\ \Phi_1$
113167	1583	2260	$\frac{1}{113}$	$\frac{112}{565}$	$\frac{677}{2260}$	$\frac{453}{1130}$	$\Phi_{2260}\ \Phi_{565}\ \Phi_{452}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
113168	1583	2034	$\frac{1}{113}$	$\frac{451}{2034}$	$\frac{112}{339}$	$\frac{227}{678}$	$\Phi_{2034}\ \Phi_{1017}\ \Phi_{339}\ \Phi_{18}\ \Phi_9\ \Phi_3\ \Phi_1$
113169	1583	2268	$\frac{1}{14}$	$\frac{71}{756}$	$\frac{13}{84}$	$\frac{685}{2268}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{162}\ \Phi_{84}\ \Phi_{81}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
113170	1583	1764	$\frac{1}{14}$	$\frac{181}{1764}$	$\frac{13}{84}$	$\frac{71}{252}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{49}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
113171	1583	2016	$\frac{1}{14}$	$\frac{71}{504}$	$\frac{13}{84}$	$\frac{433}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
113172	1584	1185	$\frac{1}{395}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{197}{395}$	$\Phi_{1185}\ \Phi_{395}^2\ \Phi_{237}\ \Phi_{79}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
113173	1584	1583	$\frac{5}{1583}$	$\frac{397}{1583}$	$\frac{593}{1583}$	$\frac{789}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113174	1584	2379	$\frac{3}{793}$	$\frac{199}{793}$	$\frac{1}{3}$	$\frac{395}{793}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113175	1584	1315	$\frac{1}{263}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{131}{263}$	$\Phi_{1315}\ \Phi_{263}^2\ \Phi_5^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
113176	1584	3156	$\frac{1}{263}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{131}{263}$	$\Phi_{3156}\ \Phi_{1578}\ \Phi_{12}^2\ \Phi_6^2$
113177	1584	1583	$\frac{7}{1583}$	$\frac{265}{1583}$	$\frac{659}{1583}$	$\frac{788}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113178	1584	1379	$\frac{1}{197}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{98}{197}$	$\Phi_{1379}\ \Phi_{197}^2\ \Phi_7^2\ \Phi_1^4$
113179	1584	2955	$\frac{1}{197}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{98}{197}$	$\Phi_{2955}\ \Phi_{15}^2$
113180	1584	2116	$\frac{3}{529}$	$\frac{1}{4}$	$\frac{133}{529}$	$\frac{263}{529}$	$\Phi_{2116}\ \Phi_{1058}\ \Phi_{92}\ \Phi_{46}$
113181	1584	1583	$\frac{9}{1583}$	$\frac{199}{1583}$	$\frac{692}{1583}$	$\frac{787}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113182	1584	1583	$\frac{9}{1583}$	$\frac{395}{1583}$	$\frac{398}{1583}$	$\frac{787}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113183	1584	2800	$\frac{1}{175}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{87}{175}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{175}\ \Phi_{112}\ \Phi_{80}\ \Phi_{35}\ \Phi_{25}\ \Phi_{16}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
113184	1584	700	$\frac{1}{175}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{87}{175}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^3\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
113185	1584	2379	$\frac{5}{793}$	$\frac{133}{793}$	$\frac{1}{3}$	$\frac{394}{793}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113186	1584	2860	$\frac{1}{143}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{71}{143}$	$\Phi_{2860}\ \Phi_{572}\ \Phi_{260}\ \Phi_{220}\ \Phi_{143}\ \Phi_{52}\ \Phi_{44}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
113187	1584	2145	$\frac{1}{143}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{71}{143}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{195}\ \Phi_{165}\ \Phi_{143}\ \Phi_{39}\ \Phi_{33}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
113188	1584	1985	$\frac{3}{397}$	$\frac{1}{5}$	$\frac{100}{397}$	$\frac{197}{397}$	Φ_{1985}
113189	1584	1441	$\frac{1}{131}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{65}{131}$	$\Phi_{1441}\ \Phi_{131}^2\ \Phi_{11}^2\ \Phi_1^4$
113190	1584	2751	$\frac{1}{131}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{65}{131}$	$\Phi_{2751}\ \Phi_{21}^2$
113191	1584	1441	$\frac{1}{131}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{65}{131}$	$\Phi_{1441}\ \Phi_{131}^2\ \Phi_{11}^2\ \Phi_1^4$
113192	1584	2620	$\frac{1}{131}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{65}{131}$	$\Phi_{2620}\ \Phi_{1310}\ \Phi_{20}^2\ \Phi_{10}^2$
113193	1584	1583	$\frac{13}{1583}$	$\frac{133}{1583}$	$\frac{725}{1583}$	$\frac{785}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113194	1584	1583	$\frac{13}{1583}$	$\frac{266}{1583}$	$\frac{439}{1583}$	$\frac{785}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113195	1584	1583	$\frac{13}{1583}$	$\frac{296}{1583}$	$\frac{399}{1583}$	$\frac{785}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113196	1584	2379	$\frac{7}{793}$	$\frac{100}{793}$	$\frac{1}{3}$	$\frac{393}{793}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113197	1584	2116	$\frac{5}{529}$	$\frac{89}{529}$	$\frac{1}{4}$	$\frac{262}{529}$	$\Phi_{2116}\ \Phi_{1058}\ \Phi_{92}\ \Phi_{46}$
113198	1584	2940	$\frac{1}{98}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{97}{196}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{196}^2\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
113199	1584	1764	$\frac{1}{98}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{97}{196}$	$\Phi_{1764}^2\ \Phi_{588}\ \Phi_{252}^2\ \Phi_{196}^2\ \Phi_{84}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
113200	1584	980	$\frac{1}{98}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{97}{196}$	$\Phi_{980}^3\ \Phi_{196}^4\ \Phi_{140}^3\ \Phi_{28}^4\ \Phi_{20}^3\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
113201	1584	1583	$\frac{17}{1583}$	$\frac{200}{1583}$	$\frac{461}{1583}$	$\frac{783}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113202	1584	1855	$\frac{3}{265}$	$\frac{1}{7}$	$\frac{67}{265}$	$\frac{131}{265}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{35}$
113203	1584	1479	$\frac{1}{87}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{43}{87}$	$\Phi_{1479}\ \Phi_{493}\ \Phi_{87}^2\ \Phi_{51}\ \Phi_{29}^2\ \Phi_{17}^2\ \Phi_3^2\ \Phi_1^4$
113204	1584	870	$\frac{1}{87}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{43}{87}$	$\Phi_{870}^2\ \Phi_{435}^2\ \Phi_{290}^2\ \Phi_{174}^2\ \Phi_{145}^2\ \Phi_{58}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_2^2$
113205	1584	1479	$\frac{1}{87}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{43}{87}$	$\Phi_{1479}\ \Phi_{493}\ \Phi_{87}^2\ \Phi_{51}\ \Phi_{29}^2\ \Phi_{17}^2\ \Phi_3^2\ \Phi_1^4$
113206	1584	2436	$\frac{1}{87}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{43}{87}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{812}\ \Phi_{406}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
113207	1584	1583	$\frac{19}{1583}$	$\frac{89}{1583}$	$\frac{747}{1583}$	$\frac{782}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113208	1584	1583	$\frac{19}{1583}$	$\frac{267}{1583}$	$\frac{329}{1583}$	$\frac{782}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113209	1584	1985	$\frac{5}{397}$	$\frac{67}{397}$	$\frac{1}{5}$	$\frac{196}{397}$	Φ_{1985}
113210	1584	2116	$\frac{7}{529}$	$\frac{67}{529}$	$\frac{1}{4}$	$\frac{261}{529}$	$\Phi_{2116}\ \Phi_{1058}\ \Phi_{92}\ \Phi_{46}$
113211	1584	1583	$\frac{21}{1583}$	$\frac{197}{1583}$	$\frac{401}{1583}$	$\frac{781}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113212	1584	2379	$\frac{11}{793}$	$\frac{67}{793}$	$\frac{1}{3}$	$\frac{391}{793}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113213	1584	1491	$\frac{1}{71}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{35}{71}$	$\Phi_{1491}\ \Phi_{497}\ \Phi_{213}\ \Phi_{71}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
113214	1584	852	$\frac{1}{71}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{35}{71}$	$\Phi_{852}^2\ \Phi_{426}^2\ \Phi_{284}^2\ \Phi_{213}\ \Phi_{142}^2\ \Phi_{71}^2\ \Phi_{12}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
113215	1584	994	$\frac{1}{71}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{35}{71}$	$\Phi_{994}^2\ \Phi_{497}\ \Phi_{142}^2\ \Phi_{71}^2\ \Phi_{14}^4\ \Phi_{7}^2\ \Phi_{2}^4\ \Phi_{1}^4$
113216	1584	1583	$\frac{23}{1583}$	$\frac{73}{1583}$	$\frac{755}{1583}$	$\frac{780}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113217	1584	1495	$\frac{1}{65}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{32}{65}$	$\Phi_{1495}\ \Phi_{299}\ \Phi_{115}\ \Phi_{65}^2\ \Phi_{23}^2\ \Phi_{13}^2\ \Phi_{5}^2\ \Phi_{1}^4$
113218	1584	195	$\frac{1}{65}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{32}{65}$	$\Phi_{195}^{12}\ \Phi_{39}^{13}\ \Phi_{15}^{12}\ \Phi_{3}^{12}$
113219	1584	1495	$\frac{1}{65}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{32}{65}$	$\Phi_{1495}\ \Phi_{299}\ \Phi_{115}\ \Phi_{65}^2\ \Phi_{23}^2\ \Phi_{13}^2\ \Phi_{5}^2\ \Phi_{1}^4$
113220	1584	2340	$\frac{1}{65}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{32}{65}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{468}\ \Phi_{390}\ \Phi_{234}\ \Phi_{180}\ \Phi_{156}\ \Phi_{90}\ \Phi_{78}\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{6}^2$
113221	1584	1495	$\frac{1}{65}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{32}{65}$	$\Phi_{1495}\ \Phi_{299}\ \Phi_{115}\ \Phi_{65}^2\ \Phi_{23}^2\ \Phi_{13}^2\ \Phi_{5}^2\ \Phi_{1}^4$
113222	1584	455	$\frac{1}{65}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{32}{65}$	$\Phi_{455}^4\ \Phi_{91}^4\ \Phi_{35}^5\ \Phi_{7}^4$
113223	1584	1583	$\frac{25}{1583}$	$\frac{67}{1583}$	$\frac{758}{1583}$	$\frac{779}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113224	1584	1583	$\frac{25}{1583}$	$\frac{134}{1583}$	$\frac{483}{1583}$	$\frac{779}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113225	1584	1281	$\frac{1}{61}$	$\frac{31}{427}$	$\frac{1}{3}$	$\frac{30}{61}$	$\Phi_{1281}^2\ \Phi_{183}\ \Phi_{21}^2$
113226	1584	590	$\frac{1}{59}$	$\frac{1}{10}$	$\frac{15}{59}$	$\frac{29}{59}$	$\Phi_{590}^3\ \Phi_{295}^3\ \Phi_{118}^3\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{2}^2$
113227	1584	371	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{9}{53}$	$\frac{26}{53}$	$\Phi_{371}^5\ \Phi_{7}^4$
113228	1584	1583	$\frac{31}{1583}$	$\frac{219}{1583}$	$\frac{269}{1583}$	$\frac{776}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113229	1584	1740	$\frac{3}{145}$	$\frac{1}{12}$	$\frac{37}{145}$	$\frac{71}{145}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{290}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{60}\ \Phi_{58}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
113230	1584	2116	$\frac{11}{529}$	$\frac{45}{529}$	$\frac{1}{4}$	$\frac{259}{529}$	$\Phi_{2116}\ \Phi_{1058}\ \Phi_{92}\ \Phi_{46}$
113231	1584	1583	$\frac{33}{1583}$	$\frac{101}{1583}$	$\frac{494}{1583}$	$\frac{775}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113232	1584	1583	$\frac{33}{1583}$	$\frac{131}{1583}$	$\frac{404}{1583}$	$\frac{775}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113233	1584	3008	$\frac{1}{47}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{23}{47}$	$\Phi_{3008}\ \Phi_{64}^2\ \Phi_{47}\ \Phi_{1}^2$
113234	1584	752	$\frac{1}{47}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{23}{47}$	$\Phi_{752}^2\ \Phi_{376}^2\ \Phi_{188}^2\ \Phi_{94}^2\ \Phi_{47}^3\ \Phi_{16}^4\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
113235	1584	564	$\frac{1}{47}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{23}{47}$	$\Phi_{564}^3\ \Phi_{282}^3\ \Phi_{188}^2\ \Phi_{141}^3\ \Phi_{94}^2\ \Phi_{47}^3\ \Phi_{12}^6\ \Phi_{6}^6\ \Phi_{4}^4\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
113236	1584	1880	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{23}{47}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{470}\ \Phi_{235}\ \Phi_{47}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{1}^2$
113237	1584	2379	$\frac{17}{793}$	$\frac{45}{793}$	$\frac{1}{3}$	$\frac{388}{793}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113238	1584	1729	$\frac{3}{133}$	$\frac{1}{13}$	$\frac{34}{133}$	$\frac{65}{133}$	$\Phi_{1729}\ \Phi_{247}\ \Phi_{91}$
113239	1584	1505	$\frac{1}{43}$	$\frac{1}{35}$	$\frac{17}{35}$	$\frac{21}{43}$	$\Phi_{1505}\ \Phi_{301}\ \Phi_{215}\ \Phi_{43}^2\ \Phi_{35}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
113240	1584	2451	$\frac{1}{43}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{2451}\ \Phi_{57}^2$
113241	1584	1505	$\frac{1}{43}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{21}{43}$	$\Phi_{1505}\ \Phi_{301}\ \Phi_{215}\ \Phi_{43}^2\ \Phi_{35}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
113242	1584	2236	$\frac{1}{43}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{21}{43}$	$\Phi_{2236}\ \Phi_{1118}\ \Phi_{52}^2\ \Phi_{26}^2$
113243	1584	1505	$\frac{1}{43}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{21}{43}$	$\Phi_{1505}\ \Phi_{301}\ \Phi_{215}\ \Phi_{43}^2\ \Phi_{35}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
113244	1584	430	$\frac{1}{43}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{21}{43}$	$\Phi_{430}^4\ \Phi_{215}^3\ \Phi_{86}^4\ \Phi_{43}^4\ \Phi_{10}^8\ \Phi_{5}^6\ \Phi_{2}^8\ \Phi_{1}^8$
113245	1584	301	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{21}{43}$	$\Phi_{301}^5\ \Phi_{43}^6\ \Phi_{7}^{10}\ \Phi_{1}^{12}$
113246	1584	1583	$\frac{37}{1583}$	$\frac{45}{1583}$	$\frac{769}{1583}$	$\frac{773}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113247	1584	1583	$\frac{37}{1583}$	$\frac{135}{1583}$	$\frac{362}{1583}$	$\frac{773}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113248	1584	1791	$\frac{5}{199}$	$\frac{1}{9}$	$\frac{34}{199}$	$\frac{97}{199}$	$\Phi_{1791}\ \Phi_{597}$
113249	1584	1583	$\frac{41}{1583}$	$\frac{107}{1583}$	$\frac{406}{1583}$	$\frac{771}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113250	1584	1583	$\frac{41}{1583}$	$\frac{203}{1583}$	$\frac{230}{1583}$	$\frac{771}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113251	1584	1855	$\frac{7}{265}$	$\frac{34}{265}$	$\frac{1}{7}$	$\frac{129}{265}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{35}$
113252	1584	2379	$\frac{21}{793}$	$\frac{37}{793}$	$\frac{1}{3}$	$\frac{386}{793}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
113253	1584	1583	$\frac{43}{1583}$	$\frac{164}{1583}$	$\frac{271}{1583}$	$\frac{770}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113254	1584	1985	$\frac{11}{397}$	$\frac{34}{397}$	$\frac{1}{5}$	$\frac{193}{397}$	Φ_{1985}
113255	1584	2116	$\frac{15}{529}$	$\frac{34}{529}$	$\frac{1}{4}$	$\frac{257}{529}$	$\Phi_{2116}\ \Phi_{1058}\ \Phi_{92}\ \Phi_{46}$
113256	1584	1583	$\frac{45}{1583}$	$\frac{74}{1583}$	$\frac{503}{1583}$	$\frac{769}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113257	1584	1583	$\frac{45}{1583}$	$\frac{98}{1583}$	$\frac{407}{1583}$	$\frac{769}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113258	1584	2415	$\frac{1}{35}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{345}\ \Phi_{69}^2$
113259	1584	1505	$\frac{1}{35}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{17}{35}$	$\Phi_{1505}\ \Phi_{301}\ \Phi_{215}\ \Phi_{43}^2\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
113260	1584	420	$\frac{1}{35}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{17}{35}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^5\ \Phi_{42}^4\ \Phi_{30}^5\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4$
113261	1584	2379	$\frac{23}{793}$	$\frac{34}{793}$	$\frac{1}{3}$	$\frac{385}{793}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113262	1584	1583	$\frac{49}{1583}$	$\frac{68}{1583}$	$\frac{505}{1583}$	$\frac{767}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113263	1584	4800	$\frac{1}{32}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{4800}\ \Phi_{960}\ \Phi_{75}\ \Phi_{15}$
113264	1584	3008	$\frac{1}{32}$	$\frac{2}{47}$	$\frac{15}{47}$	$\frac{31}{64}$	$\Phi_{3008}\ \Phi_{64}^2\ \Phi_{47}\ \Phi_1^2$
113265	1584	1088	$\frac{1}{32}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{1088}^3\ \Phi_{68}\ \Phi_{34}$
113266	1584	3008	$\frac{1}{32}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{31}{64}$	$\Phi_{3008}\ \Phi_{64}^2\ \Phi_{47}\ \Phi_1^2$
113267	1584	4160	$\frac{1}{32}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{31}{64}$	$\Phi_{4160}\ \Phi_{65}$
113268	1584	3008	$\frac{1}{32}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{31}{64}$	$\Phi_{3008}\ \Phi_{64}^2\ \Phi_{47}\ \Phi_1^2$
113269	1584	4032	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{31}{64}$	$\Phi_{4032}\ \Phi_{1344}\ \Phi_{63}\ \Phi_{21}$
113270	1584	1691	$\frac{3}{89}$	$\frac{1}{19}$	$\frac{23}{89}$	$\frac{43}{89}$	Φ_{1691}
113271	1584	348	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{5}{29}$	$\frac{14}{29}$	$\Phi_{348}^5\ \Phi_{174}^5\ \Phi_{116}^5\ \Phi_{87}^5\ \Phi_{58}^5\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4$
113272	1584	1583	$\frac{55}{1583}$	$\frac{91}{1583}$	$\frac{373}{1583}$	$\frac{764}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113273	1584	1729	$\frac{5}{133}$	$\frac{1}{13}$	$\frac{23}{133}$	$\frac{64}{133}$	$\Phi_{1729}\ \Phi_{247}\ \Phi_{91}$
113274	1584	1583	$\frac{61}{1583}$	$\frac{119}{1583}$	$\frac{274}{1583}$	$\frac{761}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113275	1584	1583	$\frac{61}{1583}$	$\frac{137}{1583}$	$\frac{241}{1583}$	$\frac{761}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113276	1584	1770	$\frac{7}{177}$	$\frac{1}{10}$	$\frac{23}{177}$	$\frac{85}{177}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{590}\ \Phi_{354}\ \Phi_{295}\ \Phi_{118}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
113277	1584	2116	$\frac{21}{529}$	$\frac{25}{529}$	$\frac{1}{4}$	$\frac{254}{529}$	$\Phi_{2116}\ \Phi_{1058}\ \Phi_{92}\ \Phi_{46}$
113278	1584	1583	$\frac{65}{1583}$	$\frac{153}{1583}$	$\frac{206}{1583}$	$\frac{759}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113279	1584	1679	$\frac{3}{73}$	$\frac{1}{23}$	$\frac{19}{73}$	$\frac{35}{73}$	Φ_{1679}
113280	1584	1855	$\frac{11}{265}$	$\frac{23}{265}$	$\frac{1}{7}$	$\frac{127}{265}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{35}$
113281	1584	3230	$\frac{4}{95}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{91}{190}$	$\Phi_{3230}\ \Phi_{646}\ \Phi_{170}\ \Phi_{85}\ \Phi_{34}$
113282	1584	1583	$\frac{67}{1583}$	$\frac{75}{1583}$	$\frac{377}{1583}$	$\frac{758}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113283	1584	1583	$\frac{67}{1583}$	$\frac{109}{1583}$	$\frac{275}{1583}$	$\frac{758}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113284	1584	1985	$\frac{17}{397}$	$\frac{23}{397}$	$\frac{1}{5}$	$\frac{190}{397}$	Φ_{1985}
113285	1584	2346	$\frac{1}{34}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{2346}\ \Phi_{1173}\ \Phi_{138}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_6^2$
113286	1584	1495	$\frac{2}{65}$	$\frac{1}{23}$	$\frac{21}{65}$	$\frac{11}{23}$	$\Phi_{1495}\ \Phi_{299}\ \Phi_{115}\ \Phi_{65}^2\ \Phi_{23}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
113287	1584	92	$\frac{1}{23}$	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{92}^{23}\ \Phi_{46}^{23}\ \Phi_4^{22}\ \Phi_2^{22}$
113288	1584	805	$\frac{1}{23}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{805}^2\ \Phi_{161}^2\ \Phi_{115}\ \Phi_{35}^4\ \Phi_{23}^2\ \Phi_7^4\ \Phi_5^2\ \Phi_1^4$
113289	1584	299	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{23}$	$\Phi_{299}^5\ \Phi_{23}^6\ \Phi_{13}^{10}\ \Phi_1^{12}$
113290	1584	1932	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{23}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2$
113291	1584	1583	$\frac{65}{1583}$	$\frac{69}{1583}$	$\frac{413}{1583}$	$\frac{757}{1583}$	$\Phi_{1583}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
113292	1584	2379	$\frac{23}{793}$	$\frac{35}{793}$	$\frac{1}{3}$	$\frac{379}{793}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113293	1584	777	$\frac{1}{37}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{777}^2\ \Phi_{259}^2\ \Phi_{111}^3\ \Phi_{37}^2$
113294	1584	1491	$\frac{2}{71}$	$\frac{1}{21}$	$\frac{23}{71}$	$\frac{10}{21}$	$\Phi_{1491}\ \Phi_{497}\ \Phi_{213}\ \Phi_{71}^2\ \Phi_{21}^2\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
113295	1584	2100	$\frac{1}{25}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{140}\ \Phi_{100}^2\ \Phi_{70}\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
113296	1584	1491	$\frac{3}{71}$	$\frac{1}{21}$	$\frac{17}{71}$	$\frac{10}{21}$	$\Phi_{1491}\ \Phi_{497}\ \Phi_{213}\ \Phi_{71}^2\ \Phi_{21}^2\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
113297	1584	1995	$\frac{1}{21}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{285}\ \Phi_{95}^2$
113298	1584	1491	$\frac{1}{21}$	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{10}{21}$	$\Phi_{1491}\ \Phi_{497}\ \Phi_{213}\ \Phi_{71}^2\ \Phi_{21}^2\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
113299	1584	273	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{10}{21}$	$\Phi_{273}^6\ \Phi_{91}^7\ \Phi_{39}^6\ \Phi_{13}^6$
113300	1584	1491	$\frac{1}{21}$	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{10}{21}$	$\Phi_{1491}\ \Phi_{497}\ \Phi_{213}\ \Phi_{71}^2\ \Phi_{21}^2\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
113301	1584	630	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{10}{21}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^2\ \Phi_{126}^3\ \Phi_{105}^2\ \Phi_{90}^4\ \Phi_{70}^2\ \Phi_{45}^4\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{2}^2$
113302	1584	1740	$\frac{7}{145}$	$\frac{1}{12}$	$\frac{19}{145}$	$\frac{69}{145}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{290}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{60}\ \Phi_{58}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
113303	1584	680	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{7}{40}$	$\frac{19}{40}$	$\Phi_{680}^2\ \Phi_{340}^3\ \Phi_{170}^3\ \Phi_{136}^2\ \Phi_{85}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{17}^2$
113304	1584	1583	$\frac{81}{1583}$	$\frac{125}{1583}$	$\frac{208}{1583}$	$\frac{751}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113305	1584	494	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{5}{38}$	$\frac{9}{19}$	$\Phi_{494}^4\ \Phi_{247}^3\ \Phi_{26}^4\ \Phi_{13}^2$
113306	1584	1985	$\frac{19}{397}$	$\frac{21}{397}$	$\frac{1}{5}$	$\frac{188}{397}$	Φ_{1985}
113307	1584	1583	$\frac{53}{1583}$	$\frac{85}{1583}$	$\frac{417}{1583}$	$\frac{749}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113308	1584	2379	$\frac{19}{793}$	$\frac{43}{793}$	$\frac{1}{3}$	$\frac{375}{793}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113309	1584	1583	$\frac{38}{1583}$	$\frac{89}{1583}$	$\frac{515}{1583}$	$\frac{747}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113310	1584	765	$\frac{1}{45}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^2\ \Phi_{85}^2\ \Phi_{51}\ \Phi_{45}^4\ \Phi_{17}^2\ \Phi_{15}^4\ \Phi_{9}^4\ \Phi_{5}^4\ \Phi_{3}^2\ \Phi_{1}^4$
113311	1584	493	$\frac{1}{29}$	$\frac{1}{17}$	$\frac{7}{29}$	$\frac{8}{17}$	$\Phi_{493}^3\ \Phi_{29}^6\ \Phi_{17}^4\ \Phi_{1}^8$
113312	1584	1955	$\frac{1}{23}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{1955}\ \Phi_{115}^2$
113313	1584	1479	$\frac{1}{17}$	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{8}{17}$	$\Phi_{1479}\ \Phi_{493}\ \Phi_{87}^2\ \Phi_{51}\ \Phi_{29}^2\ \Phi_{17}^2\ \Phi_{3}^2\ \Phi_{1}^4$
113314	1584	612	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{8}{17}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{204}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{36}^6\ \Phi_{34}^2\ \Phi_{18}^6\ \Phi_{17}^2\ \Phi_{12}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
113315	1584	1666	$\frac{1}{34}$	$\frac{3}{49}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{1666}\ \Phi_{833}\ \Phi_{238}\ \Phi_{119}\ \Phi_{98}\ \Phi_{14}$
113316	1584	1583	$\frac{35}{1583}$	$\frac{97}{1583}$	$\frac{516}{1583}$	$\frac{743}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113317	1584	735	$\frac{1}{49}$	$\frac{1}{15}$	$\frac{16}{49}$	$\frac{7}{15}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}^2\ \Phi_{105}^2\ \Phi_{49}^4\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_{7}^4\ \Phi_{5}^3\ \Phi_{3}^3\ \Phi_{1}^6$
113318	1584	555	$\frac{1}{37}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{555}^3\ \Phi_{185}^3\ \Phi_{111}^3\ \Phi_{37}^2$
113319	1584	1020	$\frac{1}{34}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{1020}^2\ \Phi_{510}\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{204}^2\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}^4\ \Phi_{60}\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{20}\ \Phi_{17}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
113320	1584	105	$\frac{2}{35}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{105}^{14}\ \Phi_{35}^{17}\ \Phi_{21}^{14}\ \Phi_{15}^{15}\ \Phi_{7}^{16}\ \Phi_{5}^{18}\ \Phi_{3}^{15}\ \Phi_{1}^{18}$
113321	1584	1680	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{7}{15}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{80}\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{40}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
113322	1584	735	$\frac{1}{15}$	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{7}{15}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}^2\ \Phi_{105}^2\ \Phi_{49}^4\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_{7}^4\ \Phi_{5}^3\ \Phi_{3}^3\ \Phi_{1}^6$
113323	1584	60	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{7}{15}$	$\Phi_{60}^{29}\ \Phi_{30}^{24}\ \Phi_{20}^{29}\ \Phi_{15}^{25}\ \Phi_{12}^{28}\ \Phi_{10}^{23}\ \Phi_{6}^{23}\ \Phi_{5}^{24}\ \Phi_{4}^{28}\ \Phi_{3}^{24}\ \Phi_{2}^{22}\ \Phi_{1}^{24}$
113324	1584	1679	$\frac{1}{23}$	$\frac{5}{73}$	$\frac{13}{73}$	$\frac{34}{73}$	Φ_{1679}
113325	1584	1583	$\frac{47}{1583}$	$\frac{109}{1583}$	$\frac{384}{1583}$	$\frac{737}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113326	1584	1583	$\frac{77}{1583}$	$\frac{111}{1583}$	$\frac{251}{1583}$	$\frac{736}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113327	1584	1675	$\frac{1}{25}$	$\frac{5}{67}$	$\frac{12}{67}$	$\frac{31}{67}$	$\Phi_{1675}\ \Phi_{335}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
113328	1584	1740	$\frac{11}{145}$	$\frac{1}{12}$	$\frac{13}{145}$	$\frac{67}{145}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{290}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{60}\ \Phi_{58}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
113329	1584	1583	$\frac{71}{1583}$	$\frac{121}{1583}$	$\frac{252}{1583}$	$\frac{731}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113330	1584	1583	$\frac{121}{1583}$	$\frac{131}{1583}$	$\frac{142}{1583}$	$\frac{731}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113331	1584	1209	$\frac{7}{403}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1209}^2\ \Phi_{93}^2\ \Phi_{39}$
113332	1584	1691	$\frac{1}{19}$	$\frac{7}{89}$	$\frac{12}{89}$	$\frac{41}{89}$	Φ_{1691}
113333	1584	1855	$\frac{13}{265}$	$\frac{21}{265}$	$\frac{1}{7}$	$\frac{122}{265}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{35}$
113334	1584	1583	$\frac{59}{1583}$	$\frac{127}{1583}$	$\frac{285}{1583}$	$\frac{728}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113335	1584	1583	$\frac{95}{1583}$	$\frac{127}{1583}$	$\frac{186}{1583}$	$\frac{728}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113336	1584	1665	$\frac{1}{45}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{333}\ \Phi_{185}\ \Phi_{111}$
113337	1584	2116	$\frac{13}{529}$	$\frac{43}{529}$	$\frac{1}{4}$	$\frac{243}{529}$	$\Phi_{2116}\ \Phi_{1058}\ \Phi_{92}\ \Phi_{46}$
113338	1584	1583	$\frac{35}{1583}$	$\frac{129}{1583}$	$\frac{428}{1583}$	$\frac{727}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113339	1584	1583	$\frac{107}{1583}$	$\frac{129}{1583}$	$\frac{164}{1583}$	$\frac{727}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113340	1584	183	$\frac{1}{61}$	$\frac{5}{61}$	$\frac{1}{3}$	$\frac{28}{61}$	$\Phi_{183}^{13}\ \Phi_3^{12}$
113341	1584	1729	$\frac{1}{13}$	$\frac{11}{133}$	$\frac{12}{133}$	$\frac{61}{133}$	$\Phi_{1729}\ \Phi_{247}\ \Phi_{91}$
113342	1584	1583	$\frac{26}{1583}$	$\frac{133}{1583}$	$\frac{519}{1583}$	$\frac{725}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113343	1584	1583	$\frac{39}{1583}$	$\frac{133}{1583}$	$\frac{386}{1583}$	$\frac{725}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113344	1584	1583	$\frac{120}{1583}$	$\frac{133}{1583}$	$\frac{143}{1583}$	$\frac{725}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113345	1584	590	$\frac{4}{59}$	$\frac{5}{59}$	$\frac{1}{10}$	$\frac{27}{59}$	$\Phi_{590}^3\ \Phi_{295}^3\ \Phi_{118}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2$
113346	1584	1791	$\frac{12}{199}$	$\frac{17}{199}$	$\frac{1}{9}$	$\frac{91}{199}$	$\Phi_{1791}\ \Phi_{597}$
113347	1584	1583	$\frac{76}{1583}$	$\frac{137}{1583}$	$\frac{215}{1583}$	$\frac{723}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113348	1584	1855	$\frac{12}{265}$	$\frac{23}{265}$	$\frac{1}{7}$	$\frac{121}{265}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{35}$
113349	1584	1583	$\frac{54}{1583}$	$\frac{139}{1583}$	$\frac{287}{1583}$	$\frac{722}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113350	1584	1985	$\frac{12}{397}$	$\frac{35}{397}$	$\frac{1}{5}$	$\frac{181}{397}$	Φ_{1985}
113351	1584	2116	$\frac{12}{529}$	$\frac{47}{529}$	$\frac{1}{4}$	$\frac{241}{529}$	$\Phi_{2116}\ \Phi_{1058}\ \Phi_{92}\ \Phi_{46}$
113352	1584	1583	$\frac{32}{1583}$	$\frac{141}{1583}$	$\frac{431}{1583}$	$\frac{721}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113353	1584	2379	$\frac{12}{793}$	$\frac{71}{793}$	$\frac{1}{3}$	$\frac{361}{793}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113354	1584	2211	$\frac{1}{67}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{2211}\ \Phi_{201}^2$
113355	1584	1441	$\frac{2}{131}$	$\frac{1}{11}$	$\frac{43}{131}$	$\frac{5}{11}$	$\Phi_{1441}\ \Phi_{131}^2\ \Phi_{11}^2\ \Phi_1^4$
113356	1584	1980	$\frac{1}{45}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}^2\ \Phi_{132}\ \Phi_{110}\ \Phi_{90}^2\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2$
113357	1584	1441	$\frac{3}{131}$	$\frac{1}{11}$	$\frac{32}{131}$	$\frac{5}{11}$	$\Phi_{1441}\ \Phi_{131}^2\ \Phi_{11}^2\ \Phi_1^4$
113358	1584	1870	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{170}^2\ \Phi_{110}\ \Phi_{85}^2\ \Phi_{10}^2$
113359	1584	1441	$\frac{5}{131}$	$\frac{1}{11}$	$\frac{21}{131}$	$\frac{5}{11}$	$\Phi_{1441}\ \Phi_{131}^2\ \Phi_{11}^2\ \Phi_1^4$
113360	1584	1771	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{1771}\ \Phi_{161}^2$
113361	1584	1441	$\frac{10}{131}$	$\frac{11}{131}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{1441}\ \Phi_{131}^2\ \Phi_{11}^2\ \Phi_1^4$
113362	1584	1716	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{286}\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2$
113363	1584	1679	$\frac{1}{23}$	$\frac{7}{73}$	$\frac{10}{73}$	$\frac{33}{73}$	Φ_{1679}
113364	1584	1583	$\frac{79}{1583}$	$\frac{155}{1583}$	$\frac{188}{1583}$	$\frac{714}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113365	1584	4380	$\frac{1}{73}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{4380}\ \Phi_{876}\ \Phi_{219}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
113366	1584	2860	$\frac{2}{143}$	$\frac{1}{10}$	$\frac{47}{143}$	$\frac{9}{20}$	$\Phi_{2860}\ \Phi_{572}\ \Phi_{260}\ \Phi_{220}\ \Phi_{143}\ \Phi_{52}\ \Phi_{44}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
113367	1584	980	$\frac{1}{49}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{980}\ \Phi_{490}^2\ \Phi_{245}^2\ \Phi_{196}^2\ \Phi_{140}\ \Phi_{98}^3\ \Phi_{70}^2\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{14}^3\ \Phi_7^2$
113368	1584	2860	$\frac{3}{143}$	$\frac{1}{10}$	$\frac{35}{143}$	$\frac{9}{20}$	$\Phi_{2860}\ \Phi_{572}\ \Phi_{260}\ \Phi_{220}\ \Phi_{143}\ \Phi_{52}\ \Phi_{44}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
113369	1584	740	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{740}^4\ \Phi_{185}\ \Phi_{148}^4$
113370	1584	2860	$\frac{5}{143}$	$\frac{1}{10}$	$\frac{23}{143}$	$\frac{9}{20}$	$\Phi_{2860}\ \Phi_{572}\ \Phi_{260}\ \Phi_{220}\ \Phi_{143}\ \Phi_{52}\ \Phi_{44}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
113371	1584	700	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{700}^5\ \Phi_{175}\ \Phi_{140}^4\ \Phi_{35}\ \Phi_{28}^4$
113372	1584	2860	$\frac{7}{143}$	$\frac{1}{10}$	$\frac{17}{143}$	$\frac{9}{20}$	$\Phi_{2860}\ \Phi_{572}\ \Phi_{260}\ \Phi_{220}\ \Phi_{143}\ \Phi_{52}\ \Phi_{44}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
113373	1584	3420	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{228}\ \Phi_{171}\ \Phi_{57}$
113374	1584	2860	$\frac{8}{143}$	$\frac{1}{10}$	$\frac{15}{143}$	$\frac{9}{20}$	$\Phi_{2860}\ \Phi_{572}\ \Phi_{260}\ \Phi_{220}\ \Phi_{143}\ \Phi_{52}\ \Phi_{44}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
113375	1584	340	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{340}^9\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}^9\ \Phi_{34}$
113376	1584	1540	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1540}^2\ \Phi_{308}^2\ \Phi_{220}\ \Phi_{140}^2\ \Phi_{77}^2\ \Phi_{44}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
113377	1584	260	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{260}^{11}\ \Phi_{52}^{11}\ \Phi_{20}^{12}\ \Phi_{13}^{11}\ \Phi_4^{12}\ \Phi_1^{12}$
113378	1584	1583	$\frac{109}{1583}$	$\frac{134}{1583}$	$\frac{161}{1583}$	$\frac{711}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113379	1584	1666	$\frac{1}{34}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{1666}\ \Phi_{833}\ \Phi_{238}\ \Phi_{119}\ \Phi_{98}\ \Phi_{14}$
113380	1584	348	$\frac{2}{29}$	$\frac{1}{12}$	$\frac{3}{29}$	$\frac{13}{29}$	$\Phi_{348}^5\ \Phi_{174}^5\ \Phi_{116}^5\ \Phi_{87}^5\ \Phi_{58}^5\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4$
113381	1584	1791	$\frac{10}{199}$	$\frac{21}{199}$	$\frac{1}{9}$	$\frac{89}{199}$	$\Phi_{1791}\ \Phi_{597}$
113382	1584	1583	$\frac{62}{1583}$	$\frac{169}{1583}$	$\frac{219}{1583}$	$\frac{707}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113383	1584	1985	$\frac{10}{397}$	$\frac{43}{397}$	$\frac{1}{5}$	$\frac{177}{397}$	Φ_{1985}
113384	1584	1583	$\frac{26}{1583}$	$\frac{173}{1583}$	$\frac{439}{1583}$	$\frac{705}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113385	1584	2379	$\frac{10}{793}$	$\frac{87}{793}$	$\frac{1}{3}$	$\frac{353}{793}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113386	1584	999	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{999}^2\ \Phi_{333}\ \Phi_{111}$
113387	1584	1583	$\frac{20}{1583}$	$\frac{177}{1583}$	$\frac{521}{1583}$	$\frac{703}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113388	1584	1583	$\frac{80}{1583}$	$\frac{167}{1583}$	$\frac{177}{1583}$	$\frac{703}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113389	1584	1583	$\frac{98}{1583}$	$\frac{135}{1583}$	$\frac{181}{1583}$	$\frac{701}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113390	1584	1740	$\frac{9}{145}$	$\frac{1}{12}$	$\frac{17}{145}$	$\frac{64}{145}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{290}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{60}\ \Phi_{58}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
113391	1584	590	$\frac{3}{59}$	$\frac{1}{10}$	$\frac{7}{59}$	$\frac{26}{59}$	$\Phi_{590}^3\ \Phi_{295}^3\ \Phi_{118}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2$
113392	1584	1675	$\frac{1}{67}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1675}\ \Phi_{335}$
113393	1584	1583	$\frac{39}{1583}$	$\frac{193}{1583}$	$\frac{296}{1583}$	$\frac{695}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113394	1584	2116	$\frac{9}{529}$	$\frac{65}{529}$	$\frac{1}{4}$	$\frac{232}{529}$	$\Phi_{2116}\ \Phi_{1058}\ \Phi_{92}\ \Phi_{46}$
113395	1584	4272	$\frac{1}{89}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{4272}\ \Phi_{267}$
113396	1584	2800	$\frac{3}{175}$	$\frac{1}{8}$	$\frac{43}{175}$	$\frac{7}{16}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{175}\ \Phi_{112}\ \Phi_{80}\ \Phi_{35}\ \Phi_{25}\ \Phi_{16}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
113397	1584	720	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{720}^4\ \Phi_{240}^4\ \Phi_{144}^4\ \Phi_{80}^3\ \Phi_{48}^4\ \Phi_{45}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
113398	1584	1680	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{17}{105}$	$\frac{7}{16}$	$\Phi_{1680}^2\ \Phi_{560}\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{112}\ \Phi_{105}^2\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
113399	1584	1456	$\frac{3}{91}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{1456}^2\ \Phi_{208}^2\ \Phi_{112}\ \Phi_{91}^2\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_1^2$
113400	1584	400	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{400}^7\ \Phi_{80}^7\ \Phi_{25}^7\ \Phi_{16}^8\ \Phi_5^7\ \Phi_1^8$
113401	1584	3312	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{207}\ \Phi_{69}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
113402	1584	560	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{560}^5\ \Phi_{112}^5\ \Phi_{80}^5\ \Phi_{35}^5\ \Phi_{16}^6\ \Phi_{7}^5\ \Phi_{5}^5\ \Phi_{1}^6$
113403	1584	816	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{816}^4\ \Phi_{272}^3\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
113404	1584	1583	$\frac{27}{1583}$	$\frac{199}{1583}$	$\frac{389}{1583}$	$\frac{692}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113405	1584	1665	$\frac{1}{45}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{333}\ \Phi_{185}\ \Phi_{111}$
113406	1584	1583	$\frac{41}{1583}$	$\frac{221}{1583}$	$\frac{257}{1583}$	$\frac{681}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113407	1584	2100	$\frac{1}{100}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}^2\ \Phi_{210}\ \Phi_{150}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{6}^2$
113408	1584	1379	$\frac{2}{197}$	$\frac{1}{7}$	$\frac{65}{197}$	$\frac{3}{7}$	$\Phi_{1379}\ \Phi_{197}^2\ \Phi_{7}^2\ \Phi_{1}^4$
113409	1584	1876	$\frac{1}{67}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1876}\ \Phi_{938}\ \Phi_{268}^2\ \Phi_{134}^2$
113410	1584	1379	$\frac{5}{197}$	$\frac{1}{7}$	$\frac{32}{197}$	$\frac{3}{7}$	$\Phi_{1379}\ \Phi_{197}^2\ \Phi_{7}^2\ \Phi_{1}^4$
113411	1584	238	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{238}^7\ \Phi_{119}^7\ \Phi_{34}^6\ \Phi_{17}^6\ \Phi_{14}^7\ \Phi_{2}^6$
113412	1584	1379	$\frac{8}{197}$	$\frac{21}{197}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1379}\ \Phi_{197}^2\ \Phi_{7}^2\ \Phi_{1}^4$
113413	1584	1610	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{322}\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{46}^2$
113414	1584	1379	$\frac{10}{197}$	$\frac{17}{197}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1379}\ \Phi_{197}^2\ \Phi_{7}^2\ \Phi_{1}^4$
113415	1584	1596	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^2$
113416	1584	455	$\frac{2}{35}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{455}^4\ \Phi_{91}^3\ \Phi_{65}^4\ \Phi_{13}^2$
113417	1584	1679	$\frac{1}{23}$	$\frac{7}{73}$	$\frac{11}{73}$	$\frac{31}{73}$	Φ_{1679}
113418	1584	1583	$\frac{76}{1583}$	$\frac{137}{1583}$	$\frac{241}{1583}$	$\frac{671}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113419	1584	1583	$\frac{83}{1583}$	$\frac{125}{1583}$	$\frac{243}{1583}$	$\frac{670}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113420	1584	247	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{3}{19}$	$\frac{8}{19}$	$\Phi_{247}^7\ \Phi_{13}^6$
113421	1584	1740	$\frac{7}{145}$	$\frac{1}{12}$	$\frac{23}{145}$	$\frac{61}{145}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{290}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{60}\ \Phi_{58}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
113422	1584	1583	$\frac{65}{1583}$	$\frac{153}{1583}$	$\frac{253}{1583}$	$\frac{665}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113423	1584	1855	$\frac{7}{265}$	$\frac{1}{7}$	$\frac{43}{265}$	$\frac{111}{265}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{35}$
113424	1584	1583	$\frac{41}{1583}$	$\frac{230}{1583}$	$\frac{257}{1583}$	$\frac{663}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113425	1584	1583	$\frac{29}{1583}$	$\frac{259}{1583}$	$\frac{307}{1583}$	$\frac{662}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113426	1584	1985	$\frac{7}{397}$	$\frac{65}{397}$	$\frac{1}{5}$	$\frac{166}{397}$	Φ_{1985}
113427	1584	2116	$\frac{7}{529}$	$\frac{87}{529}$	$\frac{1}{4}$	$\frac{221}{529}$	$\Phi_{2116}\ \Phi_{1058}\ \Phi_{92}\ \Phi_{46}$
113428	1584	1583	$\frac{17}{1583}$	$\frac{261}{1583}$	$\frac{461}{1583}$	$\frac{661}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113429	1584	2379	$\frac{7}{793}$	$\frac{131}{793}$	$\frac{1}{3}$	$\frac{331}{793}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113430	1584	1583	$\frac{14}{1583}$	$\frac{265}{1583}$	$\frac{523}{1583}$	$\frac{659}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113431	1584	1700	$\frac{1}{100}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{425}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}$
113432	1584	1995	$\frac{1}{133}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1995}\ \Phi_{399}^2\ \Phi_{285}\ \Phi_{105}\ \Phi_{57}^2\ \Phi_{21}^2$
113433	1584	1315	$\frac{2}{263}$	$\frac{1}{5}$	$\frac{87}{263}$	$\frac{2}{5}$	$\Phi_{1315}\ \Phi_{263}^2\ \Phi_{5}^2\ \Phi_{1}^4$
113434	1584	1780	$\frac{1}{89}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1780}\ \Phi_{890}\ \Phi_{356}^2\ \Phi_{178}^2$
113435	1584	1315	$\frac{3}{263}$	$\frac{1}{5}$	$\frac{65}{263}$	$\frac{2}{5}$	$\Phi_{1315}\ \Phi_{263}^2\ \Phi_{5}^2\ \Phi_{1}^4$
113436	1584	335	$\frac{1}{67}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{335}^5\ \Phi_{67}^4$
113437	1584	1315	$\frac{5}{263}$	$\frac{43}{263}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1315}\ \Phi_{263}^2\ \Phi_{5}^2\ \Phi_{1}^4$
113438	1584	315	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{315}^6\ \Phi_{105}^6\ \Phi_{63}^6\ \Phi_{35}^5\ \Phi_{21}^6\ \Phi_{7}^4$
113439	1584	1315	$\frac{7}{263}$	$\frac{32}{263}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1315}\ \Phi_{263}^2\ \Phi_{5}^2\ \Phi_{1}^4$
113440	1584	925	$\frac{1}{37}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{925}^2\ \Phi_{185}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
113441	1584	1530	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}^2\ \Phi_{255}\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{90}\ \Phi_{51}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{6}^2$
113442	1584	1315	$\frac{10}{263}$	$\frac{23}{263}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1315}\ \Phi_{263}^2\ \Phi_{5}^2\ \Phi_{1}^4$
113443	1584	300	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^6\ \Phi_{75}^6\ \Phi_{60}^5\ \Phi_{50}^6\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4$
113444	1584	1315	$\frac{11}{263}$	$\frac{21}{263}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1315}\ \Phi_{263}^2\ \Phi_{5}^2\ \Phi_{1}^4$
113445	1584	1495	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1495}\ \Phi_{299}^2$
113446	1584	1583	$\frac{29}{1583}$	$\frac{259}{1583}$	$\frac{331}{1583}$	$\frac{626}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113447	1584	2610	$\frac{1}{145}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{2610}\ \Phi_{870}\ \Phi_{522}\ \Phi_{435}\ \Phi_{290}\ \Phi_{174}\ \Phi_{90}\ \Phi_{87}\ \Phi_{58}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
113448	1584	666	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{666}^4\ \Phi_{333}\ \Phi_{222}^4\ \Phi_{111}\ \Phi_{74}^4$
113449	1584	1583	$\frac{11}{1583}$	$\frac{353}{1583}$	$\frac{524}{1583}$	$\frac{615}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113450	1584	1583	$\frac{44}{1583}$	$\frac{171}{1583}$	$\frac{353}{1583}$	$\frac{615}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113451	1584	1666	$\frac{1}{34}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{1666}\ \Phi_{833}\ \Phi_{238}\ \Phi_{119}\ \Phi_{98}\ \Phi_{14}$
113452	1584	1583	$\frac{54}{1583}$	$\frac{139}{1583}$	$\frac{361}{1583}$	$\frac{611}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113453	1584	1729	$\frac{1}{133}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1729}\ \Phi_{247}\ \Phi_{91}$
113454	1584	1679	$\frac{1}{23}$	$\frac{5}{73}$	$\frac{17}{73}$	$\frac{28}{73}$	Φ_{1679}
113455	1584	1691	$\frac{1}{19}$	$\frac{5}{89}$	$\frac{21}{89}$	$\frac{34}{89}$	Φ_{1691}
113456	1584	1583	$\frac{83}{1583}$	$\frac{89}{1583}$	$\frac{375}{1583}$	$\frac{604}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113457	1584	2720	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{19}{80}$	$\frac{61}{160}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}$
113458	1584	1583	$\frac{67}{1583}$	$\frac{109}{1583}$	$\frac{379}{1583}$	$\frac{602}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113459	1584	348	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{7}{29}$	$\frac{11}{29}$	$\Phi_{348}^5\ \Phi_{174}^5\ \Phi_{116}^5\ \Phi_{87}^5\ \Phi_{58}^5\ \Phi_{12}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4$
113460	1584	1770	$\frac{5}{177}$	$\frac{1}{10}$	$\frac{43}{177}$	$\frac{67}{177}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{590}\ \Phi_{354}\ \Phi_{295}\ \Phi_{118}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
113461	1584	1583	$\frac{43}{1583}$	$\frac{164}{1583}$	$\frac{385}{1583}$	$\frac{599}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113462	1584	371	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{13}{53}$	$\frac{20}{53}$	$\Phi_{371}^5\ \Phi_{7}^4$
113463	1584	1583	$\frac{19}{1583}$	$\frac{329}{1583}$	$\frac{391}{1583}$	$\frac{596}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113464	1584	2116	$\frac{5}{529}$	$\frac{131}{529}$	$\frac{1}{4}$	$\frac{199}{529}$	$\Phi_{2116}\ \Phi_{1058}\ \Phi_{92}\ \Phi_{46}$
113465	1584	1583	$\frac{11}{1583}$	$\frac{393}{1583}$	$\frac{494}{1583}$	$\frac{595}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113466	1584	2379	$\frac{5}{793}$	$\frac{197}{793}$	$\frac{1}{3}$	$\frac{298}{793}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113467	1584	2320	$\frac{1}{145}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{2320}\ \Phi_{580}\ \Phi_{464}\ \Phi_{290}\ \Phi_{116}\ \Phi_{80}\ \Phi_{58}\ \Phi_{20}\ \Phi_{10}$
113468	1584	1768	$\frac{5}{104}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{442}\ \Phi_{221}\ \Phi_{68}\ \Phi_{34}$
113469	1584	1583	$\frac{15}{1583}$	$\frac{392}{1583}$	$\frac{397}{1583}$	$\frac{593}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113470	1584	1691	$\frac{1}{89}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	Φ_{1691}
113471	1584	1583	$\frac{23}{1583}$	$\frac{260}{1583}$	$\frac{441}{1583}$	$\frac{571}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113472	1584	1675	$\frac{1}{67}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1675}\ \Phi_{335}$
113473	1584	1583	$\frac{31}{1583}$	$\frac{194}{1583}$	$\frac{463}{1583}$	$\frac{560}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113474	1584	1665	$\frac{1}{45}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{333}\ \Phi_{185}\ \Phi_{111}$
113475	1584	1583	$\frac{43}{1583}$	$\frac{140}{1583}$	$\frac{481}{1583}$	$\frac{551}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113476	1584	1666	$\frac{1}{34}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{1666}\ \Phi_{833}\ \Phi_{238}\ \Phi_{119}\ \Phi_{98}\ \Phi_{14}$
113477	1584	1583	$\frac{47}{1583}$	$\frac{128}{1583}$	$\frac{485}{1583}$	$\frac{549}{1583}$	$\Phi_{1583}\ \Phi_{1}^2$
113478	1584	1675	$\frac{1}{25}$	$\frac{4}{67}$	$\frac{21}{67}$	$\frac{23}{67}$	$\Phi_{1675}\ \Phi_{335}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
113479	1584	1679	$\frac{1}{23}$	$\frac{4}{73}$	$\frac{23}{73}$	$\frac{25}{73}$	Φ_{1679}
113480	1584	1583	$\frac{68}{1583}$	$\frac{87}{1583}$	$\frac{505}{1583}$	$\frac{539}{1583}$	$\Phi_{1583}\ \Phi_{1}^{2}$
113481	1584	850	$\frac{1}{25}$	$\frac{1}{17}$	$\frac{8}{25}$	$\frac{17}{50}$	$\Phi_{850}^{3}\ \Phi_{425}\ \Phi_{170}^{3}\ \Phi_{85}\ \Phi_{34}^{3}$
113482	1584	1583	$\frac{62}{1583}$	$\frac{95}{1583}$	$\frac{507}{1583}$	$\frac{538}{1583}$	$\Phi_{1583}\ \Phi_{1}^{2}$
113483	1584	1729	$\frac{4}{133}$	$\frac{1}{13}$	$\frac{43}{133}$	$\frac{45}{133}$	$\Phi_{1729}\ \Phi_{247}\ \Phi_{91}$
113484	1584	1583	$\frac{44}{1583}$	$\frac{131}{1583}$	$\frac{513}{1583}$	$\frac{535}{1583}$	$\Phi_{1583}\ \Phi_{1}^{2}$
113485	1584	1740	$\frac{4}{145}$	$\frac{1}{12}$	$\frac{47}{145}$	$\frac{49}{145}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{290}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{60}\ \Phi_{58}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
113486	1584	1583	$\frac{32}{1583}$	$\frac{175}{1583}$	$\frac{517}{1583}$	$\frac{533}{1583}$	$\Phi_{1583}\ \Phi_{1}^{2}$
113487	1584	1791	$\frac{4}{199}$	$\frac{1}{9}$	$\frac{65}{199}$	$\frac{67}{199}$	$\Phi_{1791}\ \Phi_{597}$
113488	1584	1855	$\frac{4}{265}$	$\frac{1}{7}$	$\frac{87}{265}$	$\frac{89}{265}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{35}$
113489	1584	1583	$\frac{20}{1583}$	$\frac{263}{1583}$	$\frac{521}{1583}$	$\frac{531}{1583}$	$\Phi_{1583}\ \Phi_{1}^{2}$
113490	1584	1985	$\frac{4}{397}$	$\frac{1}{5}$	$\frac{131}{397}$	$\frac{133}{397}$	Φ_{1985}
113491	1584	1583	$\frac{14}{1583}$	$\frac{351}{1583}$	$\frac{523}{1583}$	$\frac{530}{1583}$	$\Phi_{1583}\ \Phi_{1}^{2}$
113492	1584	2116	$\frac{4}{529}$	$\frac{1}{4}$	$\frac{175}{529}$	$\frac{177}{529}$	$\Phi_{2116}\ \Phi_{1058}\ \Phi_{92}\ \Phi_{46}$
113493	1584	1583	$\frac{8}{1583}$	$\frac{525}{1583}$	$\frac{527}{1583}$	$\frac{529}{1583}$	$\Phi_{1583}\ \Phi_{1}^{2}$
113494	1584	2379	$\frac{4}{793}$	$\frac{263}{793}$	$\frac{1}{3}$	$\frac{265}{793}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113495	1584	597	$\frac{1}{199}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{597}^{3}\ \Phi_{199}^{2}$
113496	1584	1185	$\frac{2}{395}$	$\frac{131}{395}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1185}\ \Phi_{395}^{2}\ \Phi_{237}\ \Phi_{79}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
113497	1584	1596	$\frac{1}{133}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}^{2}\ \Phi_{266}^{2}\ \Phi_{228}\ \Phi_{114}\ \Phi_{84}\ \Phi_{76}^{2}\ \Phi_{42}\ \Phi_{38}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
113498	1584	1185	$\frac{3}{395}$	$\frac{98}{395}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1185}\ \Phi_{395}^{2}\ \Phi_{237}\ \Phi_{79}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
113499	1584	300	$\frac{1}{100}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{100}^{8}\ \Phi_{75}^{4}\ \Phi_{60}^{4}\ \Phi_{50}^{8}\ \Phi_{30}^{4}\ \Phi_{25}^{8}\ \Phi_{20}^{8}\ \Phi_{15}^{3}\ \Phi_{12}^{4}\ \Phi_{10}^{8}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
113500	1584	237	$\frac{1}{79}$	$\frac{13}{79}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{237}^{5}\ \Phi_{79}^{10}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
113501	1584	1407	$\frac{1}{67}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1407}\ \Phi_{469}^{2}$
113502	1584	1185	$\frac{8}{395}$	$\frac{43}{395}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1185}\ \Phi_{395}^{2}\ \Phi_{237}\ \Phi_{79}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
113503	1584	90	$\frac{1}{45}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{90}^{20}\ \Phi_{45}^{16}\ \Phi_{30}^{19}\ \Phi_{18}^{20}\ \Phi_{15}^{15}\ \Phi_{10}^{18}\ \Phi_{9}^{16}\ \Phi_{6}^{19}\ \Phi_{5}^{14}\ \Phi_{3}^{16}\ \Phi_{2}^{18}\ \Phi_{1}^{16}$
113504	1584	237	$\frac{2}{79}$	$\frac{7}{79}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{237}^{5}\ \Phi_{79}^{10}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
113505	1584	444	$\frac{1}{37}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{444}^{4}\ \Phi_{222}^{4}\ \Phi_{148}^{4}\ \Phi_{111}^{3}\ \Phi_{74}^{4}\ \Phi_{37}^{2}$
113506	1584	1185	$\frac{11}{395}$	$\frac{32}{395}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1185}\ \Phi_{395}^{2}\ \Phi_{237}\ \Phi_{79}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
113507	1584	1326	$\frac{1}{34}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{442}^{2}\ \Phi_{221}^{2}\ \Phi_{78}\ \Phi_{26}^{2}$
113508	1584	1185	$\frac{17}{395}$	$\frac{21}{395}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1185}\ \Phi_{395}^{2}\ \Phi_{237}\ \Phi_{79}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
113509	1584	1311	$\frac{1}{23}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1311}\ \Phi_{437}^{2}$
113510	1584	3156	$\frac{2}{263}$	$\frac{1}{4}$	$\frac{87}{263}$	$\frac{1}{3}$	$\Phi_{3156}\ \Phi_{1578}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
113511	1584	2379	$\frac{7}{793}$	$\frac{177}{793}$	$\frac{262}{793}$	$\frac{1}{3}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113512	1584	2955	$\frac{2}{197}$	$\frac{1}{5}$	$\frac{65}{197}$	$\frac{1}{3}$	$\Phi_{2955}\ \Phi_{15}^{2}$
113513	1584	2379	$\frac{10}{793}$	$\frac{133}{793}$	$\frac{261}{793}$	$\frac{1}{3}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113514	1584	2751	$\frac{2}{131}$	$\frac{1}{7}$	$\frac{43}{131}$	$\frac{1}{3}$	$\Phi_{2751}\ \Phi_{21}^{2}$
113515	1584	915	$\frac{1}{61}$	$\frac{41}{305}$	$\frac{20}{61}$	$\frac{1}{3}$	$\Phi_{915}^{3}\ \Phi_{183}\ \Phi_{15}^{3}$
113516	1584	2379	$\frac{16}{793}$	$\frac{89}{793}$	$\frac{259}{793}$	$\frac{1}{3}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
113517	1584	441	$\frac{1}{49}$	$\frac{1}{9}$	$\frac{16}{49}$	$\frac{1}{3}$	$\Phi_{441}^4\ \Phi_{147}^2\ \Phi_{63}^4\ \Phi_{49}^4\ \Phi_{21}^2\ \Phi_9^6\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
113518	1584	2610	$\frac{2}{87}$	$\frac{1}{10}$	$\frac{85}{261}$	$\frac{1}{3}$	$\Phi_{2610}\ \Phi_{1305}\ \Phi_{522}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
113519	1584	2379	$\frac{22}{793}$	$\frac{67}{793}$	$\frac{257}{793}$	$\frac{1}{3}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113520	1584	852	$\frac{2}{71}$	$\frac{1}{12}$	$\frac{23}{71}$	$\frac{1}{3}$	$\Phi_{852}^2\ \Phi_{426}^2\ \Phi_{284}^2\ \Phi_{213}\ \Phi_{142}^2\ \Phi_{71}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
113521	1584	195	$\frac{2}{65}$	$\frac{1}{13}$	$\frac{21}{65}$	$\frac{1}{3}$	$\Phi_{195}^{12}\ \Phi_{39}^{13}\ \Phi_{15}^{12}\ \Phi_3^{12}$
113522	1584	2379	$\frac{31}{793}$	$\frac{49}{793}$	$\frac{254}{793}$	$\frac{1}{3}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113523	1584	2379	$\frac{34}{793}$	$\frac{45}{793}$	$\frac{253}{793}$	$\frac{1}{3}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113524	1584	2415	$\frac{1}{23}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{345}\ \Phi_{69}^2$
113525	1584	1200	$\frac{1}{25}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{300}^2\ \Phi_{240}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{75}^3\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^3$
113526	1584	273	$\frac{3}{91}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{273}^9\ \Phi_{39}^7\ \Phi_{21}^9\ \Phi_3^6$
113527	1584	2379	$\frac{25}{793}$	$\frac{64}{793}$	$\frac{243}{793}$	$\frac{1}{3}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113528	1584	2346	$\frac{1}{34}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{2346}\ \Phi_{1173}\ \Phi_{138}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_6^2$
113529	1584	2379	$\frac{23}{793}$	$\frac{70}{793}$	$\frac{241}{793}$	$\frac{1}{3}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113530	1584	2331	$\frac{1}{37}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{2331}\ \Phi_{333}\ \Phi_{111}$
113531	1584	765	$\frac{1}{45}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^2\ \Phi_{85}^2\ \Phi_{51}\ \Phi_{45}^4\ \Phi_{17}^2\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
113532	1584	2379	$\frac{17}{793}$	$\frac{97}{793}$	$\frac{232}{793}$	$\frac{1}{3}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113533	1584	183	$\frac{1}{61}$	$\frac{10}{61}$	$\frac{17}{61}$	$\frac{1}{3}$	$\Phi_{183}^{13}\ \Phi_3^{12}$
113534	1584	2211	$\frac{1}{67}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{2211}\ \Phi_{201}^2$
113535	1584	1095	$\frac{1}{73}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{1095}\ \Phi_{365}^2\ \Phi_{219}^2\ \Phi_{73}^2$
113536	1584	2379	$\frac{9}{793}$	$\frac{196}{793}$	$\frac{199}{793}$	$\frac{1}{3}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113537	1584	1068	$\frac{1}{89}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1068}^2\ \Phi_{534}^2\ \Phi_{267}^3$
113538	1584	3156	$\frac{3}{263}$	$\frac{65}{263}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3156}\ \Phi_{1578}\ \Phi_{12}^2\ \Phi_6^2$
113539	1584	4020	$\frac{1}{67}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{4020}\ \Phi_{2010}$
113540	1584	3156	$\frac{5}{263}$	$\frac{43}{263}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3156}\ \Phi_{1578}\ \Phi_{12}^2\ \Phi_6^2$
113541	1584	1260	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
113542	1584	3156	$\frac{7}{263}$	$\frac{32}{263}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3156}\ \Phi_{1578}\ \Phi_{12}^2\ \Phi_6^2$
113543	1584	612	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{612}^4\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{153}^2\ \Phi_{102}\ \Phi_{68}^4\ \Phi_{51}\ \Phi_{36}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
113544	1584	3156	$\frac{10}{263}$	$\frac{23}{263}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3156}\ \Phi_{1578}\ \Phi_{12}^2\ \Phi_6^2$
113545	1584	300	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^5\ \Phi_{150}^5\ \Phi_{100}^6\ \Phi_{75}^6\ \Phi_{60}^5\ \Phi_{50}^6\ \Phi_{30}^5\ \Phi_{25}^6\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{10}^6\ \Phi_5^6$
113546	1584	3156	$\frac{11}{263}$	$\frac{21}{263}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3156}\ \Phi_{1578}\ \Phi_{12}^2\ \Phi_6^2$
113547	1584	3588	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3588}\ \Phi_{1794}$
113548	1584	366	$\frac{1}{61}$	$\frac{23}{122}$	$\frac{15}{61}$	$\frac{1}{3}$	$\Phi_{366}^8\ \Phi_{183}^5\ \Phi_6^8\ \Phi_3^4$
113549	1584	2751	$\frac{3}{131}$	$\frac{1}{7}$	$\frac{32}{131}$	$\frac{1}{3}$	$\Phi_{2751}\ \Phi_{21}^2$
113550	1584	2379	$\frac{21}{793}$	$\frac{100}{793}$	$\frac{193}{793}$	$\frac{1}{3}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113551	1584	870	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{7}{29}$	$\frac{1}{3}$	$\Phi_{870}^3\ \Phi_{435}^3\ \Phi_{174}^3\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_6^4$
113552	1584	2379	$\frac{33}{793}$	$\frac{67}{793}$	$\frac{190}{793}$	$\frac{1}{3}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113553	1584	852	$\frac{3}{71}$	$\frac{1}{12}$	$\frac{17}{71}$	$\frac{1}{3}$	$\Phi_{852}^2\ \Phi_{426}^2\ \Phi_{284}^2\ \Phi_{213}\ \Phi_{142}^2\ \Phi_{71}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
113554	1584	390	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{31}{130}$	$\frac{1}{3}$	$\Phi_{390}^8\ \Phi_{195}^4\ \Phi_{78}^8\ \Phi_{39}^5\ \Phi_{30}^8\ \Phi_{15}^4\ \Phi_6^8\ \Phi_3^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
113555	1584	2379	$\frac{41}{793}$	$\frac{55}{793}$	$\frac{188}{793}$	$\frac{1}{3}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113556	1584	2451	$\frac{1}{19}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{2451}\ \Phi_{57}^2$
113557	1584	312	$\frac{5}{104}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{312}^8\ \Phi_{156}^8\ \Phi_{78}^8\ \Phi_{39}^5\ \Phi_{24}^8\ \Phi_{12}^8\ \Phi_6^8\ \Phi_3^4$
113558	1584	2415	$\frac{1}{23}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{345}\ \Phi_{69}^2$
113559	1584	2379	$\frac{34}{793}$	$\frac{69}{793}$	$\frac{181}{793}$	$\frac{1}{3}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113560	1584	2379	$\frac{28}{793}$	$\frac{85}{793}$	$\frac{177}{793}$	$\frac{1}{3}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113561	1584	2346	$\frac{1}{34}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{2346}\ \Phi_{1173}\ \Phi_{138}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_6^2$
113562	1584	1554	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{1554}^2\ \Phi_{777}\ \Phi_{222}^2\ \Phi_{111}^2$
113563	1584	2379	$\frac{19}{793}$	$\frac{129}{793}$	$\frac{166}{793}$	$\frac{1}{3}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113564	1584	2955	$\frac{5}{197}$	$\frac{32}{197}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2955}\ \Phi_{15}^2$
113565	1584	3570	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3570}\ \Phi_{1785}\ \Phi_{210}$
113566	1584	2955	$\frac{8}{197}$	$\frac{21}{197}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2955}\ \Phi_{15}^2$
113567	1584	690	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{690}^4\ \Phi_{345}^3\ \Phi_{138}^4\ \Phi_{69}^4$
113568	1584	2955	$\frac{10}{197}$	$\frac{17}{197}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2955}\ \Phi_{15}^2$
113569	1584	1140	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{285}\ \Phi_{190}^2\ \Phi_{95}^2$
113570	1584	1365	$\frac{2}{35}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1365}^2\ \Phi_{273}^2\ \Phi_{195}\ \Phi_{39}^2$
113571	1584	975	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{61}{325}$	$\frac{1}{3}$	$\Phi_{975}^3\ \Phi_{75}^3\ \Phi_{39}$
113572	1584	2535	$\frac{53}{845}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{2535}\ \Phi_{507}\ \Phi_{39}$
113573	1584	600	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{150}^4\ \Phi_{120}^3\ \Phi_{75}^5\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4$
113574	1584	2751	$\frac{5}{131}$	$\frac{1}{7}$	$\frac{21}{131}$	$\frac{1}{3}$	$\Phi_{2751}\ \Phi_{21}^2$
113575	1584	2379	$\frac{31}{793}$	$\frac{111}{793}$	$\frac{127}{793}$	$\frac{1}{3}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113576	1584	852	$\frac{5}{71}$	$\frac{1}{12}$	$\frac{11}{71}$	$\frac{1}{3}$	$\Phi_{852}^2\ \Phi_{426}^2\ \Phi_{284}^2\ \Phi_{213}\ \Phi_{142}^2\ \Phi_{71}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
113577	1584	39	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{3}$	$\Phi_{39}^{61}\ \Phi_3^{60}$
113578	1584	2379	$\frac{56}{793}$	$\frac{67}{793}$	$\frac{121}{793}$	$\frac{1}{3}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113579	1584	483	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{483}^5\ \Phi_{69}^6$
113580	1584	315	$\frac{2}{35}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{315}^6\ \Phi_{105}^3\ \Phi_{63}^4\ \Phi_{45}^6\ \Phi_{35}^6\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_9^6\ \Phi_7^4\ \Phi_5^6\ \Phi_3^3\ \Phi_1^6$
113581	1584	2751	$\frac{10}{131}$	$\frac{11}{131}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2751}\ \Phi_{21}^2$
113582	1584	1092	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{91}^2$
113583	1584	1365	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{59}{455}$	$\frac{1}{3}$	$\Phi_{1365}^2\ \Phi_{273}^2\ \Phi_{105}^2\ \Phi_{39}\ \Phi_{21}^2$
113584	1584	1008	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{112}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}\ \Phi_{252}^2\ \Phi_{168}\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{48}$ $\Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
113585	1584	870	$\frac{7}{87}$	$\frac{1}{10}$	$\frac{10}{87}$	$\frac{1}{3}$	$\Phi_{870}^2\ \Phi_{435}^2\ \Phi_{290}^2\ \Phi_{174}^2\ \Phi_{145}^2\ \Phi_{58}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_2^2$
113586	1584	183	$\frac{5}{61}$	$\frac{6}{61}$	$\frac{7}{61}$	$\frac{1}{3}$	$\Phi_{183}^{13}\ \Phi_3^{12}$
113587	1584	852	$\frac{1}{12}$	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{3}$	$\Phi_{852}^2\ \Phi_{426}^2\ \Phi_{284}^2\ \Phi_{213}\ \Phi_{142}^2\ \Phi_{71}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
113588	1584	2379	$\frac{64}{793}$	$\frac{81}{793}$	$\frac{89}{793}$	$\frac{1}{3}$	$\Phi_{2379}\ \Phi_{183}\ \Phi_{39}$
113589	1584	441	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{441}^4\ \Phi_{147}^2\ \Phi_{63}^4\ \Phi_{49}^4\ \Phi_{21}^2\ \Phi_9^6\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
113590	1584	180	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{180}^{12}\ \Phi_{90}^{10}\ \Phi_{60}^8\ \Phi_{45}^{10}\ \Phi_{36}^6\ \Phi_{30}^7\ \Phi_{20}^8\ \Phi_{18}^4\ \Phi_{15}^7\ \Phi_{12}^4\ \Phi_{10}^6\ \Phi_9^6\ \Phi_6^3$ $\Phi_5^6\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
113591	1584	2145	$\frac{2}{143}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{47}{143}$	$\Phi_{2145}\ \Phi_{429}\ \Phi_{195}\ \Phi_{165}\ \Phi_{143}\ \Phi_{39}\ \Phi_{33}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
113592	1584	1441	$\frac{2}{131}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{43}{131}$	$\Phi_{1441}\ \Phi_{131}^2\ \Phi_{11}^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
113593	1584	2620	$\frac{2}{131}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{43}{131}$	$\Phi_{2620}\ \Phi_{1310}\ \Phi_{20}^2\ \Phi_{10}^2$
113594	1584	1583	$\frac{26}{1583}$	$\frac{266}{1583}$	$\frac{439}{1583}$	$\frac{519}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113595	1584	1985	$\frac{7}{397}$	$\frac{1}{5}$	$\frac{89}{397}$	$\frac{130}{397}$	Φ_{1985}
113596	1584	1583	$\frac{29}{1583}$	$\frac{307}{1583}$	$\frac{355}{1583}$	$\frac{518}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113597	1584	2116	$\frac{10}{529}$	$\frac{89}{529}$	$\frac{1}{4}$	$\frac{173}{529}$	$\Phi_{2116}\ \Phi_{1058}\ \Phi_{92}\ \Phi_{46}$
113598	1584	245	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{16}{49}$	$\Phi_{245}^6\ \Phi_{49}^8\ \Phi_{35}^6\ \Phi_7^8\ \Phi_5^9\ \Phi_1^{12}$
113599	1584	1583	$\frac{38}{1583}$	$\frac{267}{1583}$	$\frac{329}{1583}$	$\frac{515}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113600	1584	1985	$\frac{10}{397}$	$\frac{67}{397}$	$\frac{1}{5}$	$\frac{129}{397}$	Φ_{1985}
113601	1584	994	$\frac{2}{71}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{23}{71}$	$\Phi_{994}^2\ \Phi_{497}\ \Phi_{142}^2\ \Phi_{71}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
113602	1584	1495	$\frac{2}{65}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{21}{65}$	$\Phi_{1495}\ \Phi_{299}\ \Phi_{115}\ \Phi_{65}^2\ \Phi_{23}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
113603	1584	2340	$\frac{2}{65}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{21}{65}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{468}\ \Phi_{390}\ \Phi_{234}\ \Phi_{180}\ \Phi_{156}\ \Phi_{90}\ \Phi_{78}\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
113604	1584	1495	$\frac{2}{65}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{21}{65}$	$\Phi_{1495}\ \Phi_{299}\ \Phi_{115}\ \Phi_{65}^2\ \Phi_{23}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
113605	1584	455	$\frac{2}{65}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{21}{65}$	$\Phi_{455}^4\ \Phi_{91}^4\ \Phi_{35}^5\ \Phi_7^4$
113606	1584	1583	$\frac{50}{1583}$	$\frac{134}{1583}$	$\frac{483}{1583}$	$\frac{511}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113607	1584	1791	$\frac{7}{199}$	$\frac{1}{9}$	$\frac{45}{199}$	$\frac{64}{199}$	$\Phi_{1791}\ \Phi_{597}$
113608	1584	1583	$\frac{56}{1583}$	$\frac{179}{1583}$	$\frac{351}{1583}$	$\frac{509}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113609	1584	371	$\frac{2}{53}$	$\frac{1}{7}$	$\frac{9}{53}$	$\frac{17}{53}$	$\Phi_{371}^5\ \Phi_7^4$
113610	1584	1583	$\frac{62}{1583}$	$\frac{219}{1583}$	$\frac{269}{1583}$	$\frac{507}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113611	1584	1985	$\frac{16}{397}$	$\frac{45}{397}$	$\frac{1}{5}$	$\frac{127}{397}$	Φ_{1985}
113612	1584	1583	$\frac{65}{1583}$	$\frac{153}{1583}$	$\frac{359}{1583}$	$\frac{506}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113613	1584	2116	$\frac{22}{529}$	$\frac{45}{529}$	$\frac{1}{4}$	$\frac{169}{529}$	$\Phi_{2116}\ \Phi_{1058}\ \Phi_{92}\ \Phi_{46}$
113614	1584	752	$\frac{2}{47}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{15}{47}$	$\Phi_{752}^2\ \Phi_{376}^2\ \Phi_{188}^2\ \Phi_{94}^2\ \Phi_{47}^3\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
113615	1584	564	$\frac{2}{47}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{15}{47}$	$\Phi_{564}^3\ \Phi_{282}^3\ \Phi_{188}^2\ \Phi_{141}^3\ \Phi_{94}^2\ \Phi_{47}^3\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
113616	1584	1880	$\frac{2}{47}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{15}{47}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{470}\ \Phi_{235}\ \Phi_{47}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
113617	1584	1583	$\frac{68}{1583}$	$\frac{98}{1583}$	$\frac{495}{1583}$	$\frac{505}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113618	1584	1740	$\frac{7}{145}$	$\frac{1}{12}$	$\frac{33}{145}$	$\frac{46}{145}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{290}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{60}\ \Phi_{58}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
113619	1584	741	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{13}{57}$	$\frac{6}{19}$	$\Phi_{741}^3\ \Phi_{247}\ \Phi_{39}^3$
113620	1584	1505	$\frac{2}{35}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{11}{35}$	$\Phi_{1505}\ \Phi_{301}\ \Phi_{215}\ \Phi_{43}^2\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
113621	1584	420	$\frac{2}{35}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{35}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^5\ \Phi_{42}^4\ \Phi_{30}^5\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4$
113622	1584	1583	$\frac{92}{1583}$	$\frac{111}{1583}$	$\frac{362}{1583}$	$\frac{497}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113623	1584	2116	$\frac{31}{529}$	$\frac{33}{529}$	$\frac{1}{4}$	$\frac{166}{529}$	$\Phi_{2116}\ \Phi_{1058}\ \Phi_{92}\ \Phi_{46}$
113624	1584	272	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{272}^6\ \Phi_{136}^6\ \Phi_{68}^7\ \Phi_{34}^7\ \Phi_{17}^6$
113625	1584	752	$\frac{1}{16}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{5}{16}$	$\Phi_{752}^2\ \Phi_{376}^2\ \Phi_{188}^2\ \Phi_{94}^2\ \Phi_{47}^3\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
113626	1584	1040	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{5}{16}$	$\Phi_{1040}^2\ \Phi_{520}^2\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{65}^3$
113627	1584	752	$\frac{1}{16}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{5}{16}$	$\Phi_{752}^2\ \Phi_{376}^2\ \Phi_{188}^2\ \Phi_{94}^2\ \Phi_{47}^3\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
113628	1584	1008	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{5}{16}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^3\ \Phi_{42}^2\ \Phi_{21}^3$
113629	1584	1583	$\frac{99}{1583}$	$\frac{101}{1583}$	$\frac{371}{1583}$	$\frac{494}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113630	1584	348	$\frac{2}{29}$	$\frac{1}{12}$	$\frac{5}{29}$	$\frac{9}{29}$	$\Phi_{348}^5\ \Phi_{174}^5\ \Phi_{116}^5\ \Phi_{87}^5\ \Phi_{58}^5\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
113631	1584	1583	$\frac{91}{1583}$	$\frac{110}{1583}$	$\frac{373}{1583}$	$\frac{491}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113632	1584	1700	$\frac{1}{17}$	$\frac{7}{100}$	$\frac{23}{100}$	$\frac{31}{100}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{425}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}$
113633	1584	1729	$\frac{10}{133}$	$\frac{1}{13}$	$\frac{23}{133}$	$\frac{41}{133}$	$\Phi_{1729}\ \Phi_{247}\ \Phi_{91}$
113634	1584	1583	$\frac{119}{1583}$	$\frac{122}{1583}$	$\frac{274}{1583}$	$\frac{487}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113635	1584	1583	$\frac{122}{1583}$	$\frac{137}{1583}$	$\frac{241}{1583}$	$\frac{487}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113636	1584	1985	$\frac{25}{397}$	$\frac{31}{397}$	$\frac{1}{5}$	$\frac{122}{397}$	Φ_{1985}
113637	1584	1791	$\frac{16}{199}$	$\frac{1}{9}$	$\frac{23}{199}$	$\frac{61}{199}$	$\Phi_{1791}\ \Phi_{597}$
113638	1584	1583	$\frac{128}{1583}$	$\frac{175}{1583}$	$\frac{183}{1583}$	$\frac{485}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113639	1584	1855	$\frac{22}{265}$	$\frac{23}{265}$	$\frac{1}{7}$	$\frac{81}{265}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{35}$
113640	1584	1583	$\frac{109}{1583}$	$\frac{134}{1583}$	$\frac{275}{1583}$	$\frac{483}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113641	1584	1985	$\frac{23}{397}$	$\frac{34}{397}$	$\frac{1}{5}$	$\frac{121}{397}$	Φ_{1985}
113642	1584	1583	$\frac{76}{1583}$	$\frac{137}{1583}$	$\frac{367}{1583}$	$\frac{482}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113643	1584	92	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{92}^{23}\ \Phi_{46}^{23}\ \Phi_4^{22}\ \Phi_2^{22}$
113644	1584	805	$\frac{2}{35}$	$\frac{2}{23}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{805}^2\ \Phi_{161}^2\ \Phi_{115}\ \Phi_{35}^4\ \Phi_{23}^2\ \Phi_7^4\ \Phi_5^2\ \Phi_1^4$
113645	1584	299	$\frac{1}{13}$	$\frac{2}{23}$	$\frac{2}{13}$	$\frac{7}{23}$	$\Phi_{299}^5\ \Phi_{23}^6\ \Phi_{13}^{10}\ \Phi_1^{12}$
113646	1584	1932	$\frac{1}{12}$	$\frac{2}{23}$	$\frac{1}{7}$	$\frac{7}{23}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2$
113647	1584	819	$\frac{1}{13}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{63}$	$\Phi_{819}^3\ \Phi_{117}^3\ \Phi_{91}$
113648	1584	1679	$\frac{1}{23}$	$\frac{7}{73}$	$\frac{17}{73}$	$\frac{22}{73}$	Φ_{1679}
113649	1584	680	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{680}^3\ \Phi_{340}^3\ \Phi_{170}\ \Phi_{136}^3\ \Phi_{85}\ \Phi_{68}^3\ \Phi_{34}$
113650	1584	1583	$\frac{101}{1583}$	$\frac{167}{1583}$	$\frac{247}{1583}$	$\frac{472}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113651	1584	1740	$\frac{1}{12}$	$\frac{16}{145}$	$\frac{17}{145}$	$\frac{43}{145}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{290}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{60}\ \Phi_{58}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
113652	1584	1583	$\frac{127}{1583}$	$\frac{182}{1583}$	$\frac{186}{1583}$	$\frac{467}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113653	1584	1855	$\frac{17}{265}$	$\frac{31}{265}$	$\frac{1}{7}$	$\frac{78}{265}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{35}$
113654	1584	493	$\frac{1}{29}$	$\frac{2}{17}$	$\frac{7}{29}$	$\frac{5}{17}$	$\Phi_{493}^3\ \Phi_{29}^6\ \Phi_{17}^4\ \Phi_1^8$
113655	1584	1955	$\frac{1}{23}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{1955}\ \Phi_{115}^2$
113656	1584	1479	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{1479}\ \Phi_{493}\ \Phi_{87}^2\ \Phi_{51}\ \Phi_{29}^2\ \Phi_{17}^2\ \Phi_3^2\ \Phi_1^4$
113657	1584	612	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{204}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{36}^6\ \Phi_{34}^2\ \Phi_{18}^6\ \Phi_{17}^2\ \Phi_{12}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
113658	1584	1583	$\frac{55}{1583}$	$\frac{191}{1583}$	$\frac{373}{1583}$	$\frac{464}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113659	1584	2116	$\frac{17}{529}$	$\frac{64}{529}$	$\frac{1}{4}$	$\frac{155}{529}$	$\Phi_{2116}\ \Phi_{1058}\ \Phi_{92}\ \Phi_{46}$
113660	1584	1583	$\frac{51}{1583}$	$\frac{200}{1583}$	$\frac{383}{1583}$	$\frac{461}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113661	1584	1679	$\frac{1}{23}$	$\frac{10}{73}$	$\frac{13}{73}$	$\frac{21}{73}$	Φ_{1679}
113662	1584	714	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{714}^3\ \Phi_{357}^3\ \Phi_{238}\ \Phi_{119}\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{42}^3\ \Phi_{14}\ \Phi_6^3$
113663	1584	637	$\frac{1}{13}$	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{637}^3\ \Phi_{91}$
113664	1584	1583	$\frac{103}{1583}$	$\frac{185}{1583}$	$\frac{233}{1583}$	$\frac{450}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113665	1584	1740	$\frac{1}{12}$	$\frac{13}{145}$	$\frac{22}{145}$	$\frac{41}{145}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{290}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{60}\ \Phi_{58}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
113666	1584	1583	$\frac{131}{1583}$	$\frac{142}{1583}$	$\frac{242}{1583}$	$\frac{447}{1583}$	$\Phi_{1583}\ \Phi_1^2$
113667	1584	1791	$\frac{13}{199}$	$\frac{1}{9}$	$\frac{31}{199}$	$\frac{56}{199}$	$\Phi_{1791}\ \Phi_{597}$
113668	1584	1583	$\frac{59}{1583}$	$\frac{254}{1583}$	$\frac{285}{1583}$	$\frac{443}{1583}$	$\Phi_{1583}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
113669	1584	1985	$\frac{13}{397}$	$\frac{64}{397}$	$\frac{1}{5}$	$\frac{111}{397}$	Φ_{1985}
113670	1584	1980	$\frac{1}{45}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	Φ_{1980} Φ_{990} Φ_{660} Φ_{396} Φ_{330} Φ_{220} Φ_{198} Φ_{180}^2 Φ_{132} Φ_{110} Φ_{90}^2 Φ_{66} Φ_{60}^2 Φ_{36}^2 Φ_{30}^2 Φ_{20}^2 Φ_{18}^2 Φ_{12}^2 Φ_{10}^2 Φ_6^2
113671	1584	1441	$\frac{3}{131}$	$\frac{2}{11}$	$\frac{32}{131}$	$\frac{3}{11}$	Φ_{1441} Φ_{131}^2 Φ_{11}^2 Φ_1^4
113672	1584	1870	$\frac{1}{34}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	Φ_{1870} Φ_{935} Φ_{170}^2 Φ_{110} Φ_{85}^2 Φ_{10}^2
113673	1584	1441	$\frac{5}{131}$	$\frac{21}{131}$	$\frac{2}{11}$	$\frac{3}{11}$	Φ_{1441} Φ_{131}^2 Φ_{11}^2 Φ_1^4
113674	1584	1771	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	Φ_{1771} Φ_{161}^2
113675	1584	1441	$\frac{10}{131}$	$\frac{11}{131}$	$\frac{2}{11}$	$\frac{3}{11}$	Φ_{1441} Φ_{131}^2 Φ_{11}^2 Φ_1^4
113676	1584	1716	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{2}{11}$	$\frac{3}{11}$	Φ_{1716} Φ_{858} Φ_{572} Φ_{429} Φ_{286} Φ_{156}^2 Φ_{78}^2 Φ_{52}^2 Φ_{39}^2 Φ_{26}^2
113677	1584	1583	$\frac{35}{1583}$	$\frac{299}{1583}$	$\frac{387}{1583}$	$\frac{428}{1583}$	Φ_{1583} Φ_1^2
113678	1584	1665	$\frac{1}{45}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	Φ_{1665} Φ_{555} Φ_{333} Φ_{185} Φ_{111}
113679	1584	2940	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	Φ_{2940} Φ_{1470} Φ_{588} Φ_{420} Φ_{294} Φ_{210} Φ_{196} Φ_{98} Φ_{84} Φ_{42} Φ_{28} Φ_{14}
113680	1584	2145	$\frac{3}{143}$	$\frac{1}{5}$	$\frac{35}{143}$	$\frac{4}{15}$	Φ_{2145} Φ_{429} Φ_{195} Φ_{165} Φ_{143} Φ_{39} Φ_{33} Φ_{15}^2 Φ_{13} Φ_{11} Φ_3^2 Φ_1^2
113681	1584	555	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	Φ_{555}^4 Φ_{185} Φ_{111}^4
113682	1584	2145	$\frac{5}{143}$	$\frac{23}{143}$	$\frac{1}{5}$	$\frac{4}{15}$	Φ_{2145} Φ_{429} Φ_{195} Φ_{165} Φ_{143} Φ_{39} Φ_{33} Φ_{15}^2 Φ_{13} Φ_{11} Φ_3^2 Φ_1^2
113683	1584	525	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	Φ_{525}^5 Φ_{175} Φ_{105}^4 Φ_{35} Φ_{21}^4
113684	1584	2145	$\frac{7}{143}$	$\frac{17}{143}$	$\frac{1}{5}$	$\frac{4}{15}$	Φ_{2145} Φ_{429} Φ_{195} Φ_{165} Φ_{143} Φ_{39} Φ_{33} Φ_{15}^2 Φ_{13} Φ_{11} Φ_3^2 Φ_1^2
113685	1584	855	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	Φ_{855}^2 Φ_{285} Φ_{171}^3 Φ_{95}^2 Φ_{57}^2 Φ_{19}^2
113686	1584	2145	$\frac{8}{143}$	$\frac{15}{143}$	$\frac{1}{5}$	$\frac{4}{15}$	Φ_{2145} Φ_{429} Φ_{195} Φ_{165} Φ_{143} Φ_{39} Φ_{33} Φ_{15}^2 Φ_{13} Φ_{11} Φ_3^2 Φ_1^2
113687	1584	510	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	Φ_{510}^5 Φ_{255}^4 Φ_{170} Φ_{102}^5 Φ_{85} Φ_{51}^4 Φ_{34}
113688	1584	1155	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{4}{15}$	Φ_{1155}^2 Φ_{231}^2 Φ_{165} Φ_{105}^2 Φ_{77}^2 Φ_{33} Φ_{21}^2 Φ_{15}^2 Φ_{11} Φ_7^2 Φ_3^2 Φ_1^2
113689	1584	195	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{4}{15}$	Φ_{195}^{11} Φ_{39}^{11} Φ_{15}^{12} Φ_{13}^{11} Φ_3^{12} Φ_1^{12}
113690	1584	1666	$\frac{1}{34}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	Φ_{1666} Φ_{833} Φ_{238} Φ_{119} Φ_{98} Φ_{14}
113691	1584	1583	$\frac{53}{1583}$	$\frac{255}{1583}$	$\frac{332}{1583}$	$\frac{417}{1583}$	Φ_{1583} Φ_1^2
113692	1584	1679	$\frac{1}{23}$	$\frac{9}{73}$	$\frac{16}{73}$	$\frac{19}{73}$	Φ_{1679}
113693	1584	1583	$\frac{98}{1583}$	$\frac{135}{1583}$	$\frac{362}{1583}$	$\frac{407}{1583}$	Φ_{1583} Φ_1^2
113694	1584	1583	$\frac{107}{1583}$	$\frac{123}{1583}$	$\frac{365}{1583}$	$\frac{406}{1583}$	Φ_{1583} Φ_1^2
113695	1584	1729	$\frac{9}{133}$	$\frac{1}{13}$	$\frac{31}{133}$	$\frac{34}{133}$	Φ_{1729} Φ_{247} Φ_{91}
113696	1584	1740	$\frac{9}{145}$	$\frac{1}{12}$	$\frac{34}{145}$	$\frac{37}{145}$	Φ_{1740} Φ_{870} Φ_{580} Φ_{435} Φ_{348} Φ_{290} Φ_{174} Φ_{116} Φ_{87} Φ_{60} Φ_{58} Φ_{30} Φ_{20} Φ_{15} Φ_{10}
113697	1584	1583	$\frac{63}{1583}$	$\frac{197}{1583}$	$\frac{380}{1583}$	$\frac{401}{1583}$	Φ_{1583} Φ_1^2
113698	1584	1855	$\frac{9}{265}$	$\frac{1}{7}$	$\frac{64}{265}$	$\frac{67}{265}$	Φ_{1855} Φ_{371} Φ_{35}
113699	1584	1583	$\frac{39}{1583}$	$\frac{296}{1583}$	$\frac{386}{1583}$	$\frac{399}{1583}$	Φ_{1583} Φ_1^2
113700	1584	1985	$\frac{9}{397}$	$\frac{1}{5}$	$\frac{97}{397}$	$\frac{100}{397}$	Φ_{1985}
113701	1584	1583	$\frac{27}{1583}$	$\frac{389}{1583}$	$\frac{395}{1583}$	$\frac{398}{1583}$	Φ_{1583} Φ_1^2
113702	1584	2116	$\frac{9}{529}$	$\frac{130}{529}$	$\frac{1}{4}$	$\frac{133}{529}$	Φ_{2116} Φ_{1058} Φ_{92} Φ_{46}
113703	1584	700	$\frac{3}{175}$	$\frac{43}{175}$	$\frac{1}{4}$	$\frac{1}{4}$	Φ_{700}^2 Φ_{350}^2 Φ_{175}^3 Φ_{140}^2 Φ_{100}^2 Φ_{70}^2 Φ_{50}^2 Φ_{35}^3 Φ_{28}^2 Φ_{25}^3 Φ_{20}^2 Φ_{14}^2 Φ_{10}^2 Φ_7^3 Φ_5^3 Φ_4^4 Φ_2^4 Φ_1^6
113704	1584	180	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	Φ_{180}^8 Φ_{90}^8 Φ_{60}^8 Φ_{45}^{12} Φ_{36}^8 Φ_{30}^8 Φ_{20}^6 Φ_{18}^8 Φ_{15}^{12} Φ_{12}^8 Φ_{10}^6 Φ_9^{12} Φ_6^8 Φ_5^9 Φ_4^8 Φ_3^{12} Φ_2^8 Φ_1^{12}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
113705	1584	420	$\frac{1}{35}$	$\frac{17}{105}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^2\ \Phi_{105}^6\ \Phi_{84}^4\ \Phi_{70}^2\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^3\ \Phi_{30}^4\ \Phi_{28}^2\ \Phi_{21}^6$ $\Phi_{20}^2\ \Phi_{15}^6\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_7^3\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
113706	1584	364	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{364}^4\ \Phi_{182}^4\ \Phi_{91}^6\ \Phi_{52}^4\ \Phi_{28}^2\ \Phi_{26}^4\ \Phi_{14}^2\ \Phi_{13}^6\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
113707	1584	100	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{100}^{14}\ \Phi_{50}^{14}\ \Phi_{25}^{21}\ \Phi_{20}^{14}\ \Phi_{10}^{14}\ \Phi_5^{21}\ \Phi_4^{16}\ \Phi_2^{16}\ \Phi_1^{24}$
113708	1584	828	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}^2\ \Phi_{207}^3\ \Phi_{138}^2\ \Phi_{69}^3$
113709	1584	140	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^{10}\ \Phi_{70}^{10}\ \Phi_{35}^{15}\ \Phi_{28}^{10}\ \Phi_{20}^{10}\ \Phi_{14}^{10}\ \Phi_{10}^{10}\ \Phi_7^{15}\ \Phi_5^{15}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{18}$
113710	1584	204	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{204}^9\ \Phi_{102}^9\ \Phi_{68}^7\ \Phi_{51}^9\ \Phi_{34}^7\ \Phi_{17}^6$
113711	1584	2620	$\frac{3}{131}$	$\frac{1}{5}$	$\frac{32}{131}$	$\frac{1}{4}$	$\Phi_{2620}\ \Phi_{1310}\ \Phi_{20}^2\ \Phi_{10}^2$
113712	1584	2116	$\frac{13}{529}$	$\frac{100}{529}$	$\frac{129}{529}$	$\frac{1}{4}$	$\Phi_{2116}\ \Phi_{1058}\ \Phi_{92}\ \Phi_{46}$
113713	1584	812	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{7}{29}$	$\frac{1}{4}$	$\Phi_{812}^3\ \Phi_{406}^3\ \Phi_{28}^4\ \Phi_{14}^4$
113714	1584	2116	$\frac{21}{529}$	$\frac{67}{529}$	$\frac{127}{529}$	$\frac{1}{4}$	$\Phi_{2116}\ \Phi_{1058}\ \Phi_{92}\ \Phi_{46}$
113715	1584	564	$\frac{3}{47}$	$\frac{1}{12}$	$\frac{11}{47}$	$\frac{1}{4}$	$\Phi_{564}^3\ \Phi_{282}^3\ \Phi_{188}^2\ \Phi_{141}^3\ \Phi_{94}^2\ \Phi_{47}^3\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
113716	1584	2236	$\frac{3}{43}$	$\frac{1}{13}$	$\frac{10}{43}$	$\frac{1}{4}$	$\Phi_{2236}\ \Phi_{1118}\ \Phi_{52}^2\ \Phi_{26}^2$
113717	1584	2116	$\frac{37}{529}$	$\frac{41}{529}$	$\frac{122}{529}$	$\frac{1}{4}$	$\Phi_{2116}\ \Phi_{1058}\ \Phi_{92}\ \Phi_{46}$
113718	1584	2116	$\frac{34}{529}$	$\frac{45}{529}$	$\frac{121}{529}$	$\frac{1}{4}$	$\Phi_{2116}\ \Phi_{1058}\ \Phi_{92}\ \Phi_{46}$
113719	1584	2176	$\frac{1}{17}$	$\frac{3}{32}$	$\frac{29}{128}$	$\frac{1}{4}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{68}\ \Phi_{34}$
113720	1584	92	$\frac{1}{23}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{92}^{23}\ \Phi_{46}^{23}\ \Phi_4^{22}\ \Phi_2^{22}$
113721	1584	700	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{700}^3\ \Phi_{350}\ \Phi_{175}^2\ \Phi_{140}^3\ \Phi_{100}^4\ \Phi_{70}\ \Phi_{50}^2\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2$
113722	1584	2116	$\frac{19}{529}$	$\frac{85}{529}$	$\frac{111}{529}$	$\frac{1}{4}$	$\Phi_{2116}\ \Phi_{1058}\ \Phi_{92}\ \Phi_{46}$
113723	1584	340	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{340}^6\ \Phi_{170}^3\ \Phi_{85}^3\ \Phi_{68}^8\ \Phi_{34}^4\ \Phi_{20}^3\ \Phi_{17}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
113724	1584	2620	$\frac{5}{131}$	$\frac{21}{131}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2620}\ \Phi_{1310}\ \Phi_{20}^2\ \Phi_{10}^2$
113725	1584	3220	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{3220}\ \Phi_{1610}$
113726	1584	1260	$\frac{2}{35}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{180}\ \Phi_{126}^2\ \Phi_{90}\ \Phi_{84}^2\ \Phi_{60}\ \Phi_{42}^2$ $\Phi_{36}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
113727	1584	2620	$\frac{10}{131}$	$\frac{11}{131}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2620}\ \Phi_{1310}\ \Phi_{20}^2\ \Phi_{10}^2$
113728	1584	780	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{260}^2\ \Phi_{195}^3\ \Phi_{130}^2\ \Phi_{65}^3$
113729	1584	1904	$\frac{1}{17}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{119}\ \Phi_{68}\ \Phi_{34}$
113730	1584	680	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{680}^3\ \Phi_{340}^3\ \Phi_{170}^3\ \Phi_{85}^3\ \Phi_{68}\ \Phi_{34}$
113731	1584	468	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{2}{13}$	$\frac{1}{4}$	$\Phi_{468}^5\ \Phi_{234}^5\ \Phi_{156}^5\ \Phi_{78}^5\ \Phi_{36}^6\ \Phi_{18}^6\ \Phi_{12}^6\ \Phi_6^6$
113732	1584	2116	$\frac{43}{529}$	$\frac{56}{529}$	$\frac{81}{529}$	$\frac{1}{4}$	$\Phi_{2116}\ \Phi_{1058}\ \Phi_{92}\ \Phi_{46}$
113733	1584	564	$\frac{1}{12}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{4}$	$\Phi_{564}^3\ \Phi_{282}^3\ \Phi_{188}^2\ \Phi_{141}^3\ \Phi_{94}^2\ \Phi_{47}^3\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
113734	1584	2116	$\frac{41}{529}$	$\frac{61}{529}$	$\frac{78}{529}$	$\frac{1}{4}$	$\Phi_{2116}\ \Phi_{1058}\ \Phi_{92}\ \Phi_{46}$
113735	1584	2436	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{812}\ \Phi_{406}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
113736	1584	252	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{252}^8\ \Phi_{126}^8\ \Phi_{84}^5\ \Phi_{63}^9\ \Phi_{42}^5\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_7^6$
113737	1584	994	$\frac{3}{71}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{17}{71}$	$\Phi_{994}^2\ \Phi_{497}\ \Phi_{142}^2\ \Phi_{71}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
113738	1584	1880	$\frac{3}{47}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{47}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{470}\ \Phi_{235}\ \Phi_{47}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
113739	1584	1505	$\frac{3}{43}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{10}{43}$	$\Phi_{1505}\ \Phi_{301}\ \Phi_{215}\ \Phi_{43}^2\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
113740	1584	430	$\frac{3}{43}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{10}{43}$	$\Phi_{430}^4\ \Phi_{215}^3\ \Phi_{86}^4\ \Phi_{43}^4\ \Phi_{10}^8\ \Phi_5^6\ \Phi_2^8\ \Phi_1^8$
113741	1584	301	$\frac{3}{43}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{10}{43}$	$\Phi_{301}^5\ \Phi_{43}^6\ \Phi_7^{10}\ \Phi_1^{12}$
113742	1584	1583	$\frac{111}{1583}$	$\frac{135}{1583}$	$\frac{362}{1583}$	$\frac{368}{1583}$	$\Phi_{1583}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
113743	1584	1770	$\frac{13}{177}$	$\frac{1}{10}$	$\frac{34}{177}$	$\frac{41}{177}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{590}\ \Phi_{354}\ \Phi_{295}\ \Phi_{118}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
113744	1584	1583	$\frac{123}{1583}$	$\frac{203}{1583}$	$\frac{230}{1583}$	$\frac{365}{1583}$	$\Phi_{1583}\ \Phi_{1}^{2}$
113745	1584	1855	$\frac{21}{265}$	$\frac{34}{265}$	$\frac{1}{7}$	$\frac{61}{265}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{35}$
113746	1584	1583	$\frac{131}{1583}$	$\frac{142}{1583}$	$\frac{305}{1583}$	$\frac{363}{1583}$	$\Phi_{1583}\ \Phi_{1}^{2}$
113747	1584	1985	$\frac{33}{397}$	$\frac{34}{397}$	$\frac{1}{5}$	$\frac{91}{397}$	Φ_{1985}
113748	1584	420	$\frac{1}{12}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{8}{35}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{4}\ \Phi_{70}^{4}\ \Phi_{60}^{5}\ \Phi_{42}^{4}\ \Phi_{30}^{5}\ \Phi_{28}^{4}\ \Phi_{21}^{4}\ \Phi_{20}^{5}\ \Phi_{15}^{5}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
113749	1584	1740	$\frac{1}{12}$	$\frac{13}{145}$	$\frac{28}{145}$	$\frac{33}{145}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{290}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{60}\ \Phi_{58}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
113750	1584	1583	$\frac{116}{1583}$	$\frac{163}{1583}$	$\frac{307}{1583}$	$\frac{355}{1583}$	$\Phi_{1583}\ \Phi_{1}^{2}$
113751	1584	1985	$\frac{28}{397}$	$\frac{41}{397}$	$\frac{1}{5}$	$\frac{89}{397}$	Φ_{1985}
113752	1584	805	$\frac{2}{35}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{5}{23}$	$\Phi_{805}^{2}\ \Phi_{161}^{2}\ \Phi_{115}\ \Phi_{35}^{4}\ \Phi_{23}^{2}\ \Phi_{7}^{4}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
113753	1584	299	$\frac{1}{13}$	$\frac{3}{23}$	$\frac{2}{13}$	$\frac{5}{23}$	$\Phi_{299}^{5}\ \Phi_{23}^{6}\ \Phi_{13}^{10}\ \Phi_{1}^{12}$
113754	1584	1932	$\frac{1}{12}$	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{5}{23}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}$
113755	1584	1583	$\frac{113}{1583}$	$\frac{223}{1583}$	$\frac{245}{1583}$	$\frac{340}{1583}$	$\Phi_{1583}\ \Phi_{1}^{2}$
113756	1584	1330	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{1330}^{2}\ \Phi_{665}\ \Phi_{190}^{2}\ \Phi_{95}^{2}$
113757	1584	994	$\frac{5}{71}$	$\frac{1}{7}$	$\frac{11}{71}$	$\frac{3}{14}$	$\Phi_{994}^{2}\ \Phi_{497}\ \Phi_{142}^{2}\ \Phi_{71}^{2}\ \Phi_{14}^{4}\ \Phi_{7}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
113758	1584	182	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{182}^{12}\ \Phi_{91}^{7}\ \Phi_{26}^{12}\ \Phi_{13}^{6}$
113759	1584	994	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{994}^{2}\ \Phi_{497}\ \Phi_{142}^{2}\ \Phi_{71}^{2}\ \Phi_{14}^{4}\ \Phi_{7}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
113760	1584	630	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}^{3}\ \Phi_{126}\ \Phi_{105}^{3}\ \Phi_{90}^{4}\ \Phi_{63}^{2}\ \Phi_{45}^{4}\ \Phi_{42}\ \Phi_{30}^{4}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
113761	1584	1740	$\frac{1}{12}$	$\frac{19}{145}$	$\frac{21}{145}$	$\frac{31}{145}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{290}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{60}\ \Phi_{58}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
113762	1584	1583	$\frac{125}{1583}$	$\frac{208}{1583}$	$\frac{243}{1583}$	$\frac{335}{1583}$	$\Phi_{1583}\ \Phi_{1}^{2}$
113763	1584	1855	$\frac{19}{265}$	$\frac{1}{7}$	$\frac{41}{265}$	$\frac{56}{265}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{35}$
113764	1584	494	$\frac{1}{13}$	$\frac{5}{38}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{494}^{4}\ \Phi_{247}^{3}\ \Phi_{26}^{4}\ \Phi_{13}^{2}$
113765	1584	35	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{35}^{45}\ \Phi_{7}^{44}\ \Phi_{5}^{48}\ \Phi_{1}^{48}$
113766	1584	560	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{112}^{4}\ \Phi_{80}^{3}\ \Phi_{56}^{4}\ \Phi_{40}^{3}\ \Phi_{28}^{4}\ \Phi_{20}^{3}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
113767	1584	245	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{245}^{6}\ \Phi_{49}^{8}\ \Phi_{35}^{6}\ \Phi_{7}^{8}\ \Phi_{5}^{9}\ \Phi_{1}^{12}$
113768	1584	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{60}^{29}\ \Phi_{30}^{29}\ \Phi_{20}^{29}\ \Phi_{15}^{29}\ \Phi_{12}^{28}\ \Phi_{10}^{13}\ \Phi_{6}^{28}\ \Phi_{5}^{16}\ \Phi_{4}^{28}\ \Phi_{3}^{28}\ \Phi_{2}^{12}\ \Phi_{1}^{16}$
113769	1584	2275	$\frac{4}{65}$	$\frac{1}{7}$	$\frac{61}{325}$	$\frac{1}{5}$	$\Phi_{2275}\ \Phi_{175}\ \Phi_{35}$
113770	1584	2100	$\frac{1}{12}$	$\frac{4}{35}$	$\frac{31}{175}$	$\frac{1}{5}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
113771	1584	520	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{5}$	$\Phi_{520}^{3}\ \Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{104}^{4}\ \Phi_{65}^{4}\ \Phi_{52}^{4}\ \Phi_{26}^{4}\ \Phi_{13}^{4}$
113772	1584	455	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{2}{13}$	$\frac{1}{5}$	$\Phi_{455}^{5}\ \Phi_{35}^{6}$
113773	1584	1985	$\frac{31}{397}$	$\frac{56}{397}$	$\frac{61}{397}$	$\frac{1}{5}$	Φ_{1985}
113774	1584	420	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{140}^{5}\ \Phi_{105}^{5}\ \Phi_{70}^{5}\ \Phi_{60}^{6}\ \Phi_{30}^{6}\ \Phi_{20}^{6}\ \Phi_{15}^{6}\ \Phi_{10}^{6}$
113775	1584	1880	$\frac{5}{47}$	$\frac{1}{8}$	$\frac{7}{47}$	$\frac{7}{40}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{470}\ \Phi_{235}\ \Phi_{47}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
113776	1584	2520	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{40}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{105}\ \Phi_{63}\ \Phi_{21}$
113777	1584	371	$\frac{5}{53}$	$\frac{1}{7}$	$\frac{8}{53}$	$\frac{9}{53}$	$\Phi_{371}^{5}\ \Phi_{7}^{4}$
113778	1585	632	$\frac{1}{316}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{315}{632}$	$\Phi_{632}\ \Phi_{316}^{4}\ \Phi_{158}^{4}\ \Phi_{79}^{4}\ \Phi_{8}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
113779	1585	2816	$\frac{1}{176}$	$\frac{177}{1408}$	$\frac{1231}{2816}$	$\frac{175}{352}$	$\Phi_{2816}\ \Phi_{352}\ \Phi_{256}\ \Phi_{32}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
113780	1585	2112	$\frac{1}{176}$	$\frac{527}{2112}$	$\frac{177}{704}$	$\frac{175}{352}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
113781	1585	630	$\frac{2}{315}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{313}{630}$	$\Phi_{630}^{2}\ \Phi_{315}^{3}\ \Phi_{210}^{2}\ \Phi_{126}^{2}\ \Phi_{105}^{3}\ \Phi_{90}^{2}\ \Phi_{70}^{2}\ \Phi_{63}^{3}\ \Phi_{45}^{3}\ \Phi_{42}^{2}\ \Phi_{35}^{3}\ \Phi_{30}^{2}\ \Phi_{21}^{3}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
113782	1585	576	$\frac{1}{144}$	$\frac{29}{288}$	$\frac{259}{576}$	$\frac{143}{288}$	$\Phi_{576}^{5}\ \Phi_{288}\ \Phi_{192}^{5}\ \Phi_{96}\ \Phi_{64}^{5}\ \Phi_{32}\ \Phi_{1}$
113783	1585	1272	$\frac{1}{106}$	$\frac{1}{6}$	$\frac{107}{424}$	$\frac{105}{212}$	$\Phi_{1272}^{2}\ \Phi_{424}\ \Phi_{318}^{2}\ \Phi_{159}^{2}\ \Phi_{106}\ \Phi_{53}\ \Phi_{24}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
113784	1585	3136	$\frac{17}{1568}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{1551}{3136}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
113785	1585	3132	$\frac{19}{1566}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1547}{3132}$	$\Phi_{3132}\ \Phi_{1044}\ \Phi_{348}\ \Phi_{116}\ \Phi_{108}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
113786	1585	2124	$\frac{8}{531}$	$\frac{1}{9}$	$\frac{539}{2124}$	$\frac{523}{1062}$	$\Phi_{2124}\ \Phi_{708}\ \Phi_{531}\ \Phi_{236}\ \Phi_{177}\ \Phi_{59}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
113787	1585	1908	$\frac{5}{318}$	$\frac{1}{6}$	$\frac{323}{1908}$	$\frac{313}{636}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{477}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}\ \Phi_{53}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
113788	1585	624	$\frac{5}{312}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{307}{624}$	$\Phi_{624}^{5}\ \Phi_{208}^{5}\ \Phi_{48}^{5}\ \Phi_{16}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
113789	1585	3072	$\frac{1}{48}$	$\frac{49}{1536}$	$\frac{1487}{3072}$	$\frac{47}{96}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{96}\ \Phi_{32}\ \Phi_{1}$
113790	1585	2304	$\frac{1}{48}$	$\frac{49}{768}$	$\frac{719}{2304}$	$\frac{47}{96}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
113791	1585	1728	$\frac{1}{48}$	$\frac{143}{1728}$	$\frac{49}{192}$	$\frac{47}{96}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
113792	1585	384	$\frac{1}{48}$	$\frac{49}{384}$	$\frac{67}{384}$	$\frac{47}{96}$	$\Phi_{384}^{4}\ \Phi_{192}^{4}\ \Phi_{128}^{4}\ \Phi_{96}^{5}\ \Phi_{64}^{4}\ \Phi_{48}^{4}\ \Phi_{32}^{5}\ \Phi_{24}^{4}\ \Phi_{16}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
113793	1585	1656	$\frac{2}{69}$	$\frac{71}{1656}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{184}\ \Phi_{92}\ \Phi_{72}\ \Phi_{69}\ \Phi_{36}\ \Phi_{24}\ \Phi_{23}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
113794	1585	616	$\frac{9}{308}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{299}{616}$	$\Phi_{616}^{5}\ \Phi_{88}^{5}\ \Phi_{56}^{5}\ \Phi_{11}^{4}\ \Phi_{8}^{5}\ \Phi_{1}^{5}$
113795	1585	1914	$\frac{10}{319}$	$\frac{1}{11}$	$\frac{329}{1914}$	$\frac{309}{638}$	$\Phi_{1914}\ \Phi_{957}\ \Phi_{319}\ \Phi_{174}\ \Phi_{87}\ \Phi_{66}\ \Phi_{33}\ \Phi_{29}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
113796	1585	3072	$\frac{49}{1536}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1487}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
113797	1585	608	$\frac{13}{304}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{291}{608}$	$\Phi_{608}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
113798	1585	3036	$\frac{2}{69}$	$\frac{67}{1518}$	$\frac{1}{3}$	$\frac{1451}{3036}$	$\Phi_{3036}\ \Phi_{1012}\ \Phi_{276}\ \Phi_{132}\ \Phi_{92}\ \Phi_{69}\ \Phi_{44}\ \Phi_{23}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
113799	1585	384	$\frac{3}{64}$	$\frac{1}{16}$	$\frac{67}{384}$	$\frac{61}{128}$	$\Phi_{384}^{5}\ \Phi_{192}^{5}\ \Phi_{96}^{5}\ \Phi_{64}^{5}\ \Phi_{48}^{5}\ \Phi_{32}^{5}\ \Phi_{24}^{5}\ \Phi_{16}^{4}\ \Phi_{12}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
113800	1585	1824	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{239}{1824}$	$\frac{217}{456}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{304}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{16}\ \Phi_{1}$
113801	1585	3024	$\frac{1}{36}$	$\frac{73}{1512}$	$\frac{35}{108}$	$\frac{1439}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
113802	1585	3024	$\frac{73}{1512}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1439}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
113803	1585	1792	$\frac{1}{16}$	$\frac{17}{224}$	$\frac{207}{1792}$	$\frac{15}{32}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
113804	1585	432	$\frac{1}{36}$	$\frac{7}{108}$	$\frac{115}{432}$	$\frac{101}{216}$	$\Phi_{432}^{5}\ \Phi_{144}^{5}\ \Phi_{108}^{5}\ \Phi_{54}^{5}\ \Phi_{48}^{5}\ \Phi_{36}^{4}\ \Phi_{27}^{5}\ \Phi_{18}^{4}\ \Phi_{16}^{5}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
113805	1585	576	$\frac{1}{36}$	$\frac{29}{288}$	$\frac{7}{36}$	$\frac{259}{576}$	$\Phi_{576}^{5}\ \Phi_{192}^{5}\ \Phi_{64}^{5}\ \Phi_{36}^{4}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
113806	1585	576	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{29}{288}$	$\frac{259}{576}$	$\Phi_{576}^{5}\ \Phi_{192}^{5}\ \Phi_{64}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
113807	1585	1944	$\frac{1}{36}$	$\frac{35}{324}$	$\frac{359}{1944}$	$\frac{289}{648}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{1}$
113808	1585	336	$\frac{19}{336}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{168}$	$\Phi_{336}^{5}\ \Phi_{168}^{4}\ \Phi_{112}^{5}\ \Phi_{84}^{5}\ \Phi_{56}^{4}\ \Phi_{48}^{5}\ \Phi_{42}^{5}\ \Phi_{28}^{5}\ \Phi_{24}^{4}\ \Phi_{21}^{5}\ \Phi_{16}^{5}\ \Phi_{14}^{5}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
113809	1585	1848	$\frac{1}{33}$	$\frac{32}{231}$	$\frac{263}{1848}$	$\frac{199}{462}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
113810	1585	2772	$\frac{1}{33}$	$\frac{32}{231}$	$\frac{199}{1386}$	$\frac{1187}{2772}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{231}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{44}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
113811	1585	2736	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{217}{1368}$	$\frac{1151}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{228}\ \Phi_{144}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{1}$
113812	1585	324	$\frac{7}{324}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{324}^{5}\ \Phi_{162}^{5}\ \Phi_{108}^{5}\ \Phi_{81}^{5}\ \Phi_{54}^{5}\ \Phi_{36}^{5}\ \Phi_{27}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
113813	1585	330	$\frac{13}{330}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{330}^5\ \Phi_{165}^5\ \Phi_{110}^5\ \Phi_{66}^5\ \Phi_{55}^5\ \Phi_{33}^5\ \Phi_{30}^5\ \Phi_{15}^5\ \Phi_{11}^4\ \Phi_{10}^5\ \Phi_{6}^5\ \Phi_{5}^5\ \Phi_{3}^5\ \Phi_{1}^5$
113814	1585	360	$\frac{1}{36}$	$\frac{43}{360}$	$\frac{7}{36}$	$\frac{29}{72}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{40}^5\ \Phi_{36}^4\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{18}^4\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
113815	1585	1590	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{52}{265}$	$\frac{213}{530}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{318}^2\ \Phi_{265}\ \Phi_{159}^2\ \Phi_{106}\ \Phi_{53}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
113816	1585	396	$\frac{1}{66}$	$\frac{13}{66}$	$\frac{79}{396}$	$\frac{53}{132}$	$\Phi_{396}^5\ \Phi_{198}^5\ \Phi_{99}^5\ \Phi_{66}^4\ \Phi_{36}^5\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{18}^5\ \Phi_{11}^4\ \Phi_{9}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
113817	1585	528	$\frac{1}{66}$	$\frac{13}{66}$	$\frac{53}{264}$	$\frac{211}{528}$	$\Phi_{528}^5\ \Phi_{176}^5\ \Phi_{66}^4\ \Phi_{48}^5\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{16}^5\ \Phi_{11}^4\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
113818	1585	2592	$\frac{1}{144}$	$\frac{289}{1296}$	$\frac{143}{432}$	$\frac{1007}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{1}$
113819	1585	2592	$\frac{1}{36}$	$\frac{35}{324}$	$\frac{289}{1296}$	$\frac{1007}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{324}\ \Phi_{288}\ \Phi_{162}\ \Phi_{108}\ \Phi_{96}\ \Phi_{81}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{1}$
113820	1585	1664	$\frac{79}{1664}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
113821	1585	512	$\frac{3}{64}$	$\frac{1}{16}$	$\frac{61}{256}$	$\frac{195}{512}$	$\Phi_{512}^5\ \Phi_{64}^5\ \Phi_{32}^5\ \Phi_{16}^4\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^5$
113822	1585	2552	$\frac{10}{319}$	$\frac{1}{11}$	$\frac{309}{1276}$	$\frac{967}{2552}$	$\Phi_{2552}\ \Phi_{319}\ \Phi_{232}\ \Phi_{88}\ \Phi_{29}\ \Phi_{8}\ \Phi_{1}$
113823	1585	2544	$\frac{5}{318}$	$\frac{1}{6}$	$\frac{313}{1272}$	$\frac{959}{2544}$	$\Phi_{2544}\ \Phi_{848}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}\ \Phi_{53}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
113824	1585	2304	$\frac{1}{144}$	$\frac{143}{576}$	$\frac{719}{2304}$	$\frac{433}{1152}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
113825	1585	1896	$\frac{1}{158}$	$\frac{1}{4}$	$\frac{157}{474}$	$\frac{3}{8}$	$\Phi_{1896}^2\ \Phi_{474}\ \Phi_{237}\ \Phi_{24}^2\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
113826	1585	320	$\frac{3}{320}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{320}^5\ \Phi_{160}^5\ \Phi_{80}^5\ \Phi_{64}^5\ \Phi_{40}^5\ \Phi_{32}^5\ \Phi_{20}^5\ \Phi_{16}^5\ \Phi_{10}^5\ \Phi_{8}^2\ \Phi_{5}^5\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^5$
113827	1585	3160	$\frac{1}{79}$	$\frac{78}{395}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3160}\ \Phi_{395}\ \Phi_{40}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
113828	1585	324	$\frac{7}{324}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{324}^5\ \Phi_{162}^5\ \Phi_{108}^5\ \Phi_{81}^5\ \Phi_{54}^4\ \Phi_{36}^5\ \Phi_{27}^5\ \Phi_{18}^4\ \Phi_{12}^5\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
113829	1585	480	$\frac{3}{80}$	$\frac{1}{16}$	$\frac{77}{240}$	$\frac{163}{480}$	$\Phi_{480}^5\ \Phi_{160}^5\ \Phi_{96}^5\ \Phi_{80}^5\ \Phi_{40}^5\ \Phi_{32}^5\ \Phi_{20}^5\ \Phi_{16}^4\ \Phi_{10}^5\ \Phi_{8}^4\ \Phi_{5}^5\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^5$
113830	1585	1728	$\frac{1}{36}$	$\frac{143}{1728}$	$\frac{35}{108}$	$\frac{73}{216}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
113831	1585	2376	$\frac{1}{198}$	$\frac{197}{594}$	$\frac{791}{2376}$	$\frac{397}{1188}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{594}\ \Phi_{297}\ \Phi_{264}\ \Phi_{216}\ \Phi_{88}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
113832	1585	2277	$\frac{2}{69}$	$\frac{67}{759}$	$\frac{692}{2277}$	$\frac{1}{3}$	$\Phi_{2277}\ \Phi_{207}\ \Phi_{99}\ \Phi_{69}\ \Phi_{23}\ \Phi_{9}\ \Phi_{1}$
113833	1585	420	$\frac{2}{105}$	$\frac{1}{6}$	$\frac{103}{420}$	$\frac{1}{3}$	$\Phi_{420}^5\ \Phi_{210}^2\ \Phi_{140}^5\ \Phi_{105}^3\ \Phi_{84}^5\ \Phi_{70}^2\ \Phi_{60}^5\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{28}^5\ \Phi_{21}^3\ \Phi_{20}^5\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_{7}^3\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
113834	1585	324	$\frac{7}{324}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{324}^5\ \Phi_{162}^5\ \Phi_{108}^5\ \Phi_{81}^5\ \Phi_{54}^5\ \Phi_{36}^5\ \Phi_{27}^5\ \Phi_{18}^2\ \Phi_{12}^5\ \Phi_{9}^3\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
113835	1585	378	$\frac{2}{63}$	$\frac{61}{378}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{378}^5\ \Phi_{189}^5\ \Phi_{126}^2\ \Phi_{63}^3\ \Phi_{54}^5\ \Phi_{42}^2\ \Phi_{27}^5\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{9}^3\ \Phi_{7}^3\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
113836	1585	330	$\frac{13}{330}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{330}^5\ \Phi_{165}^5\ \Phi_{110}^5\ \Phi_{66}^5\ \Phi_{55}^5\ \Phi_{33}^5\ \Phi_{30}^2\ \Phi_{22}^5\ \Phi_{15}^3\ \Phi_{11}^5\ \Phi_{10}^2\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
113837	1585	360	$\frac{2}{45}$	$\frac{43}{360}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^2\ \Phi_{72}^5\ \Phi_{60}^5\ \Phi_{45}^3\ \Phi_{40}^5\ \Phi_{36}^5\ \Phi_{30}^2\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_{9}^3\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
113838	1585	336	$\frac{19}{336}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{48}^5\ \Phi_{42}^2\ \Phi_{28}^5\ \Phi_{24}^5\ \Phi_{21}^3\ \Phi_{16}^5\ \Phi_{14}^2\ \Phi_{12}^5\ \Phi_{8}^5\ \Phi_{7}^3\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
113839	1585	2349	$\frac{19}{783}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{764}{2349}$	$\Phi_{2349}\ \Phi_{81}\ \Phi_{27}\ \Phi_{1}$
113840	1585	2268	$\frac{1}{36}$	$\frac{73}{756}$	$\frac{683}{2268}$	$\frac{35}{108}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{1}$
113841	1585	468	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{151}{468}$	$\Phi_{468}^5\ \Phi_{234}^5\ \Phi_{117}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_{9}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
113842	1585	2052	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{467}{2052}$	$\frac{217}{684}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{513}\ \Phi_{228}\ \Phi_{114}\ \Phi_{108}\ \Phi_{76}\ \Phi_{57}\ \Phi_{54}\ \Phi_{38}\ \Phi_{27}\ \Phi_{19}\ \Phi_{1}$
113843	1585	462	$\frac{9}{154}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{145}{462}$	$\Phi_{462}^5\ \Phi_{231}^5\ \Phi_{66}^5\ \Phi_{42}^5\ \Phi_{33}^5\ \Phi_{21}^5\ \Phi_{11}^4\ \Phi_{6}^5\ \Phi_{3}^5\ \Phi_{1}^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
113844	1585	2304	$\frac{1}{16}$	$\frac{49}{768}$	$\frac{15}{64}$	$\frac{719}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
113845	1585	384	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{67}{384}$	$\frac{29}{96}$	$\Phi_{384}^{5}\ \Phi_{192}^{5}\ \Phi_{128}^{5}\ \Phi_{64}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
113846	1585	2268	$\frac{1}{12}$	$\frac{73}{756}$	$\frac{11}{84}$	$\frac{683}{2268}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{162}\ \Phi_{84}\ \Phi_{81}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
113847	1585	1764	$\frac{1}{12}$	$\frac{179}{1764}$	$\frac{11}{84}$	$\frac{73}{252}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{49}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
113848	1585	2079	$\frac{1}{33}$	$\frac{32}{231}$	$\frac{494}{2079}$	$\frac{199}{693}$	$\Phi_{2079}\ \Phi_{297}\ \Phi_{231}\ \Phi_{189}\ \Phi_{77}\ \Phi_{27}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
113849	1585	432	$\frac{1}{36}$	$\frac{7}{36}$	$\frac{29}{144}$	$\frac{115}{432}$	$\Phi_{432}^{5}\ \Phi_{216}^{5}\ \Phi_{108}^{5}\ \Phi_{54}^{5}\ \Phi_{36}^{4}\ \Phi_{27}^{5}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
113850	1585	1728	$\frac{1}{16}$	$\frac{143}{1728}$	$\frac{15}{64}$	$\frac{49}{192}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
113851	1585	2048	$\frac{1}{16}$	$\frac{49}{512}$	$\frac{463}{2048}$	$\frac{15}{64}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
113852	1585	1792	$\frac{1}{16}$	$\frac{207}{1792}$	$\frac{49}{256}$	$\frac{15}{64}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
113853	1585	384	$\frac{1}{16}$	$\frac{49}{384}$	$\frac{67}{384}$	$\frac{15}{64}$	$\Phi_{384}^{4}\ \Phi_{192}^{4}\ \Phi_{128}^{4}\ \Phi_{96}^{4}\ \Phi_{64}^{5}\ \Phi_{48}^{4}\ \Phi_{32}^{5}\ \Phi_{24}^{4}\ \Phi_{16}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
113854	1585	2016	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{504}$	$\frac{431}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
113855	1585	336	$\frac{19}{336}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{336}^{5}\ \Phi_{168}^{5}\ \Phi_{112}^{5}\ \Phi_{84}^{5}\ \Phi_{56}^{5}\ \Phi_{48}^{5}\ \Phi_{42}^{5}\ \Phi_{28}^{5}\ \Phi_{21}^{5}\ \Phi_{16}^{5}\ \Phi_{14}^{5}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
113856	1585	352	$\frac{1}{11}$	$\frac{35}{352}$	$\frac{2}{11}$	$\frac{9}{44}$	$\Phi_{352}^{5}\ \Phi_{176}^{5}\ \Phi_{88}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{5}\ \Phi_{11}^{4}\ \Phi_{8}^{5}\ \Phi_{1}^{5}$
113857	1585	390	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{73}{390}$	$\Phi_{390}^{5}\ \Phi_{195}^{5}\ \Phi_{130}^{5}\ \Phi_{65}^{5}\ \Phi_{30}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
113858	1585	385	$\frac{1}{11}$	$\frac{9}{77}$	$\frac{68}{385}$	$\frac{2}{11}$	$\Phi_{385}^{5}\ \Phi_{55}^{5}\ \Phi_{35}^{5}\ \Phi_{11}^{4}\ \Phi_{5}^{5}\ \Phi_{1}^{5}$
113859	1586	1268	$\frac{1}{317}$	$\frac{159}{634}$	$\frac{475}{1268}$	$\frac{158}{317}$	$\Phi_{1268}^{2}\ \Phi_{317}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
113860	1586	1580	$\frac{3}{790}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{787}{1580}$	$\Phi_{1580}^{2}\ \Phi_{316}^{2}\ \Phi_{20}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
113861	1586	1575	$\frac{11}{1575}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{782}{1575}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
113862	1586	1060	$\frac{2}{265}$	$\frac{1}{5}$	$\frac{267}{1060}$	$\frac{263}{530}$	$\Phi_{1060}^{2}\ \Phi_{265}^{2}\ \Phi_{212}^{2}\ \Phi_{53}^{2}\ \Phi_{20}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
113863	1586	2904	$\frac{1}{121}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{60}{121}$	$\Phi_{2904}\ \Phi_{968}\ \Phi_{264}\ \Phi_{121}\ \Phi_{88}\ \Phi_{24}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
113864	1586	1815	$\frac{1}{121}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{60}{121}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{165}\ \Phi_{121}\ \Phi_{55}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
113865	1586	2178	$\frac{1}{121}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{60}{121}$	$\Phi_{2178}\ \Phi_{1089}\ \Phi_{198}\ \Phi_{121}\ \Phi_{99}\ \Phi_{18}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
113866	1586	1936	$\frac{1}{121}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{60}{121}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{176}\ \Phi_{121}\ \Phi_{88}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
113867	1586	600	$\frac{1}{60}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{59}{120}$	$\Phi_{600}^{5}\ \Phi_{200}^{5}\ \Phi_{120}^{6}\ \Phi_{40}^{6}\ \Phi_{25}\ \Phi_{24}^{6}\ \Phi_{8}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
113868	1586	840	$\frac{1}{60}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{59}{120}$	$\Phi_{840}^{4}\ \Phi_{280}^{4}\ \Phi_{168}^{4}\ \Phi_{120}^{2}\ \Phi_{56}^{4}\ \Phi_{42}\ \Phi_{40}^{2}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{8}^{2}\ \Phi_{6}$
113869	1586	120	$\frac{1}{60}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{59}{120}$	$\Phi_{120}^{26}\ \Phi_{40}^{26}\ \Phi_{24}^{26}\ \Phi_{15}^{2}\ \Phi_{8}^{26}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
113870	1586	574	$\frac{1}{41}$	$\frac{1}{14}$	$\frac{21}{82}$	$\frac{20}{41}$	$\Phi_{574}^{3}\ \Phi_{287}^{3}\ \Phi_{82}\ \Phi_{41}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
113871	1586	1575	$\frac{2}{63}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}\ \Phi_{63}^{2}\ \Phi_{45}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
113872	1586	450	$\frac{1}{30}$	$\frac{1}{25}$	$\frac{29}{90}$	$\frac{12}{25}$	$\Phi_{450}^{5}\ \Phi_{225}^{5}\ \Phi_{90}^{6}\ \Phi_{45}^{6}\ \Phi_{25}\ \Phi_{18}^{6}\ \Phi_{9}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
113873	1586	1600	$\frac{1}{25}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}^{2}\ \Phi_{40}\ \Phi_{32}^{2}\ \Phi_{25}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
113874	1586	400	$\frac{1}{25}$	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{12}{25}$	$\Phi_{400}^{5}\ \Phi_{200}^{5}\ \Phi_{80}^{6}\ \Phi_{40}^{6}\ \Phi_{25}\ \Phi_{16}^{6}\ \Phi_{8}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
113875	1586	325	$\frac{1}{25}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{325}^{5}\ \Phi_{65}^{6}\ \Phi_{25}\ \Phi_{13}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
113876	1586	75	$\frac{1}{25}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{12}{25}$	$\Phi_{75}^{21}\ \Phi_{25}^{22}\ \Phi_{15}^{20}\ \Phi_{5}^{21}\ \Phi_{3}^{20}\ \Phi_{1}^{22}$
113877	1586	1650	$\frac{1}{25}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{12}{25}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{330}\ \Phi_{275}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}^{2}\ \Phi_{55}\ \Phi_{33}^{2}\ \Phi_{25}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
113878	1586	1800	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{12}{25}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}^2\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
113879	1586	350	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{12}{25}$	$\Phi_{350}^5\ \Phi_{175}^5\ \Phi_{70}^6\ \Phi_{35}^6\ \Phi_{25}\ \Phi_{14}^6\ \Phi_7^6\ \Phi_5\ \Phi_1^2$
113880	1586	744	$\frac{1}{62}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{744}^4\ \Phi_{248}^4\ \Phi_{186}\ \Phi_{93}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6$
113881	1586	264	$\frac{5}{66}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{24}$	$\Phi_{264}^{11}\ \Phi_{88}^{11}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{24}^{12}\ \Phi_{22}^2\ \Phi_{11}\ \Phi_8^{12}\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
113882	1586	558	$\frac{1}{62}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{558}^3\ \Phi_{279}^3\ \Phi_{186}^3\ \Phi_{93}^3\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{18}\ \Phi_9^2\ \Phi_6\ \Phi_3^2\ \Phi_1^2$
113883	1586	810	$\frac{17}{810}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
113884	1586	1325	$\frac{4}{265}$	$\frac{261}{1325}$	$\frac{1}{5}$	$\frac{532}{1325}$	$\Phi_{1325}\ \Phi_{265}^2\ \Phi_{53}^2\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
113885	1586	1185	$\frac{3}{395}$	$\frac{1}{5}$	$\frac{392}{1185}$	$\frac{2}{5}$	$\Phi_{1185}^2\ \Phi_{237}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
113886	1586	800	$\frac{7}{800}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{800}^2\ \Phi_{400}^2\ \Phi_{200}^2\ \Phi_{160}^2\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
113887	1586	930	$\frac{1}{62}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{310}^2\ \Phi_{186}\ \Phi_{155}^2\ \Phi_{93}\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6$
113888	1586	126	$\frac{2}{63}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{126}^{14}\ \Phi_{63}^{12}\ \Phi_{42}^{13}\ \Phi_{21}^{11}\ \Phi_{18}^{14}\ \Phi_{14}^{12}\ \Phi_9^{12}\ \Phi_7^{10}\ \Phi_6^{13}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
113889	1586	630	$\frac{1}{30}$	$\frac{1}{14}$	$\frac{29}{90}$	$\frac{1}{3}$	$\Phi_{630}^4\ \Phi_{315}^4\ \Phi_{126}^4\ \Phi_{90}^2\ \Phi_{63}^4\ \Phi_{45}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6$
113890	1586	558	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{558}^4\ \Phi_{279}^4\ \Phi_{186}\ \Phi_{93}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6$
113891	1586	1488	$\frac{1}{62}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1488}^2\ \Phi_{744}^2\ \Phi_{186}\ \Phi_{93}\ \Phi_{48}\ \Phi_{24}\ \Phi_6$
113892	1586	1344	$\frac{3}{64}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1344}^2\ \Phi_{672}^2\ \Phi_{336}^2\ \Phi_{192}\ \Phi_{168}^2\ \Phi_{96}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_6$
113893	1586	1680	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{19}{80}$	$\frac{1}{3}$	$\Phi_{1680}^2\ \Phi_{840}^2\ \Phi_{336}^2\ \Phi_{240}\ \Phi_{168}^2\ \Phi_{120}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_6$
113894	1586	315	$\frac{2}{63}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{315}^5\ \Phi_{105}^5\ \Phi_{63}^6\ \Phi_{45}^5\ \Phi_{35}^5\ \Phi_{21}^6\ \Phi_{15}^2\ \Phi_9^6\ \Phi_7^6\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
113895	1586	2730	$\frac{4}{65}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{273}\ \Phi_{78}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
113896	1586	1050	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{14}{75}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{50}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
113897	1586	462	$\frac{1}{14}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}^2\ \Phi_{42}\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{11}^2\ \Phi_6$
113898	1586	504	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{72}^2\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6$
113899	1586	1890	$\frac{1}{14}$	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{189}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_6$
113900	1586	330	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{330}^6\ \Phi_{165}^5\ \Phi_{110}^6\ \Phi_{66}^2\ \Phi_{55}^5\ \Phi_{33}^2\ \Phi_{30}^6\ \Phi_{22}^2\ \Phi_{15}^6\ \Phi_{11}\ \Phi_{10}^6\ \Phi_6^2\ \Phi_5^6\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
113901	1586	210	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{3}$	$\Phi_{210}^{11}\ \Phi_{105}^{11}\ \Phi_{42}^{12}\ \Phi_{30}^{12}\ \Phi_{21}^{12}\ \Phi_{15}^{12}\ \Phi_6^{13}\ \Phi_3^{12}$
113902	1586	90	$\frac{1}{30}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{29}{90}$	$\Phi_{90}^{26}\ \Phi_{45}^{26}\ \Phi_{18}^{26}\ \Phi_{15}^2\ \Phi_9^{26}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
113903	1586	198	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{198}^{11}\ \Phi_{99}^{11}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^{12}\ \Phi_{11}\ \Phi_9^{12}\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
113904	1586	1050	$\frac{11}{525}$	$\frac{1}{5}$	$\frac{257}{1050}$	$\frac{4}{15}$	$\Phi_{1050}^2\ \Phi_{525}\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}\ \Phi_{150}^2\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
113905	1586	810	$\frac{17}{810}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
113906	1586	945	$\frac{11}{315}$	$\frac{152}{945}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{945}^2\ \Phi_{315}\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
113907	1586	825	$\frac{32}{825}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}^2\ \Phi_{75}\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
113908	1586	900	$\frac{11}{225}$	$\frac{107}{900}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
113909	1586	840	$\frac{47}{840}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
113910	1586	960	$\frac{3}{64}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
113911	1586	528	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{176}^3\ \Phi_{88}^3\ \Phi_{66}^2\ \Phi_{48}^4\ \Phi_{33}^2\ \Phi_{24}^4\ \Phi_{22}^2\ \Phi_{16}^4\ \Phi_{11}\ \Phi_8^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
113912	1586	240	$\frac{1}{20}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{19}{80}$	$\Phi_{240}^{10}\ \Phi_{120}^{10}\ \Phi_{80}^6\ \Phi_{48}^{10}\ \Phi_{40}^6\ \Phi_{24}^{10}\ \Phi_{16}^6\ \Phi_{15}^2\ \Phi_8^6\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
113913	1586	840	$\frac{47}{840}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
113914	1586	195	$\frac{4}{65}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{195}^{10}\ \Phi_{65}^6\ \Phi_{39}^{10}\ \Phi_{15}^2\ \Phi_{13}^6\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
113915	1586	75	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{14}{75}$	$\frac{1}{5}$	$\Phi_{75}^{26}\ \Phi_{25}^{26}\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
113916	1586	330	$\frac{5}{66}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{330}^5\ \Phi_{165}^5\ \Phi_{110}^5\ \Phi_{66}^6\ \Phi_{55}^5\ \Phi_{33}^6\ \Phi_{22}^6\ \Phi_{15}^2\ \Phi_{11}^6\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
113917	1586	360	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{11}{72}$	$\frac{1}{5}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^5\ \Phi_{72}^6\ \Phi_{45}^5\ \Phi_{40}^5\ \Phi_{36}^6\ \Phi_{24}^6\ \Phi_{18}^6\ \Phi_{15}^2\ \Phi_9^6\ \Phi_8^6\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
113918	1586	210	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{210}^{10}\ \Phi_{105}^{10}\ \Phi_{70}^6\ \Phi_{42}^{10}\ \Phi_{35}^6\ \Phi_{21}^{10}\ \Phi_{15}^2\ \Phi_{14}^6\ \Phi_7^6\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
113919	1587	2100	$\frac{4}{525}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{521}{1050}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{175}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
113920	1587	976	$\frac{1}{122}$	$\frac{41}{488}$	$\frac{447}{976}$	$\frac{121}{244}$	$\Phi_{976}^3\ \Phi_{244}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
113921	1587	732	$\frac{1}{122}$	$\frac{41}{244}$	$\frac{203}{732}$	$\frac{121}{244}$	$\Phi_{732}^3\ \Phi_{366}^3\ \Phi_{244}\ \Phi_{183}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
113922	1587	1952	$\frac{1}{122}$	$\frac{365}{1952}$	$\frac{123}{488}$	$\frac{121}{244}$	$\Phi_{1952}\ \Phi_{976}\ \Phi_{244}\ \Phi_{32}\ \Phi_{16}\ \Phi_4\ \Phi_1$
113923	1587	636	$\frac{1}{106}$	$\frac{107}{636}$	$\frac{1}{4}$	$\frac{105}{212}$	$\Phi_{636}^3\ \Phi_{318}^3\ \Phi_{212}^2\ \Phi_{159}^3\ \Phi_{106}\ \Phi_{53}\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
113924	1587	1496	$\frac{1}{68}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{67}{136}$	$\Phi_{1496}^2\ \Phi_{136}^3\ \Phi_{88}^2\ \Phi_{44}\ \Phi_8^3\ \Phi_4\ \Phi_1$
113925	1587	4488	$\frac{1}{68}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{67}{136}$	$\Phi_{4488}\ \Phi_{408}\ \Phi_{264}\ \Phi_{136}\ \Phi_{33}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
113926	1587	1040	$\frac{9}{520}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{511}{1040}$	$\Phi_{1040}^3\ \Phi_{208}^3\ \Phi_{80}^3\ \Phi_{52}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
113927	1587	1040	$\frac{9}{520}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{511}{1040}$	$\Phi_{1040}^3\ \Phi_{208}^3\ \Phi_{80}^3\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_1^3$
113928	1587	1040	$\frac{9}{520}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{511}{1040}$	$\Phi_{1040}^3\ \Phi_{208}^3\ \Phi_{80}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
113929	1587	2132	$\frac{12}{533}$	$\frac{1}{13}$	$\frac{545}{2132}$	$\frac{521}{1066}$	$\Phi_{2132}\ \Phi_{533}\ \Phi_{164}\ \Phi_{52}\ \Phi_{41}\ \Phi_4\ \Phi_1$
113930	1587	780	$\frac{9}{260}$	$\frac{1}{26}$	$\frac{251}{780}$	$\frac{25}{52}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{195}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{60}^3\ \Phi_{52}\ \Phi_{39}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
113931	1587	1664	$\frac{1}{26}$	$\frac{77}{1664}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{128}\ \Phi_{64}\ \Phi_{52}\ \Phi_{32}\ \Phi_{16}\ \Phi_4\ \Phi_1$
113932	1587	2080	$\frac{1}{26}$	$\frac{27}{520}$	$\frac{493}{2080}$	$\frac{25}{52}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{416}\ \Phi_{208}\ \Phi_{160}\ \Phi_{80}\ \Phi_{52}\ \Phi_{32}\ \Phi_{16}\ \Phi_4\ \Phi_1$
113933	1587	572	$\frac{1}{26}$	$\frac{43}{572}$	$\frac{9}{52}$	$\frac{25}{52}$	$\Phi_{572}^3\ \Phi_{286}^3\ \Phi_{143}^3\ \Phi_{52}\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_4\ \Phi_1$
113934	1587	624	$\frac{1}{26}$	$\frac{9}{104}$	$\frac{95}{624}$	$\frac{25}{52}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{52}\ \Phi_{48}^3\ \Phi_{39}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
113935	1587	1820	$\frac{1}{26}$	$\frac{27}{260}$	$\frac{233}{1820}$	$\frac{25}{52}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{182}\ \Phi_{140}\ \Phi_{91}\ \Phi_{70}\ \Phi_{52}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
113936	1587	748	$\frac{1}{34}$	$\frac{1}{22}$	$\frac{11}{34}$	$\frac{21}{44}$	$\Phi_{748}^4\ \Phi_{68}^4\ \Phi_{44}^5\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
113937	1587	264	$\frac{1}{24}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{264}^6\ \Phi_{132}^6\ \Phi_{88}^6\ \Phi_{66}^6\ \Phi_{44}^5\ \Phi_{33}^6\ \Phi_{24}^9\ \Phi_{22}^4\ \Phi_{12}^9\ \Phi_{11}^4\ \Phi_8^9\ \Phi_6^9\ \Phi_4^7\ \Phi_3^9\ \Phi_2^6\ \Phi_1^7$
113938	1587	3740	$\frac{1}{22}$	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{21}{44}$	$\Phi_{3740}\ \Phi_{340}\ \Phi_{220}\ \Phi_{85}\ \Phi_{44}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
113939	1587	1560	$\frac{1}{24}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{120}^2\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{52}\ \Phi_{40}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
113940	1587	130	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{61}{130}$	$\Phi_{130}^{10}\ \Phi_{65}^{13}\ \Phi_{26}^{14}\ \Phi_{13}^{16}\ \Phi_{10}^{10}\ \Phi_5^{13}\ \Phi_2^{14}\ \Phi_1^{17}$
113941	1587	168	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{168}^{10}\ \Phi_{84}^{10}\ \Phi_{56}^{10}\ \Phi_{42}^{10}\ \Phi_{28}^8\ \Phi_{24}^9\ \Phi_{21}^{10}\ \Phi_{14}^7\ \Phi_{12}^9\ \Phi_8^9\ \Phi_7^7\ \Phi_6^9\ \Phi_4^7\ \Phi_3^9\ \Phi_2^6\ \Phi_1^7$
113942	1587	976	$\frac{1}{61}$	$\frac{41}{488}$	$\frac{20}{61}$	$\frac{447}{976}$	$\Phi_{976}^3\ \Phi_{61}^2\ \Phi_{16}^3\ \Phi_1^3$
113943	1587	210	$\frac{1}{70}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{210}^8\ \Phi_{105}^8\ \Phi_{70}^7\ \Phi_{42}^7\ \Phi_{35}^7\ \Phi_{30}^8\ \Phi_{21}^8\ \Phi_{15}^8\ \Phi_{14}^6\ \Phi_{10}^7\ \Phi_7^7\ \Phi_6^7\ \Phi_5^7\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
113944	1587	168	$\frac{1}{24}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{168}^{10}\ \Phi_{84}^{10}\ \Phi_{56}^{10}\ \Phi_{42}^{7}\ \Phi_{28}^{10}\ \Phi_{24}^{9}\ \Phi_{21}^{10}\ \Phi_{14}^{7}\ \Phi_{12}^{9}\ \Phi_{8}^{9}\ \Phi_{7}^{9}\ \Phi_{6}^{6}\ \Phi_{4}^{9}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
113945	1587	540	$\frac{11}{540}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{540}^{3}\ \Phi_{270}^{3}\ \Phi_{180}^{3}\ \Phi_{135}^{3}\ \Phi_{108}^{3}\ \Phi_{90}^{3}\ \Phi_{60}^{3}\ \Phi_{54}^{3}\ \Phi_{45}^{3}\ \Phi_{36}^{3}\ \Phi_{30}^{3}\ \Phi_{27}^{3}\ \Phi_{20}^{2}\ \Phi_{18}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
113946	1587	240	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{240}^{8}\ \Phi_{120}^{6}\ \Phi_{80}^{7}\ \Phi_{60}^{6}\ \Phi_{48}^{8}\ \Phi_{40}^{5}\ \Phi_{30}^{6}\ \Phi_{24}^{5}\ \Phi_{20}^{6}\ \Phi_{16}^{7}\ \Phi_{15}^{6}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
113947	1587	1908	$\frac{1}{53}$	$\frac{52}{477}$	$\frac{1}{4}$	$\frac{425}{954}$	$\Phi_{1908}\ \Phi_{636}\ \Phi_{477}\ \Phi_{212}^{2}\ \Phi_{159}\ \Phi_{106}\ \Phi_{53}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
113948	1587	732	$\frac{1}{61}$	$\frac{20}{183}$	$\frac{203}{732}$	$\frac{163}{366}$	$\Phi_{732}^{3}\ \Phi_{244}^{3}\ \Phi_{183}^{3}\ \Phi_{61}^{2}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
113949	1587	1120	$\frac{1}{70}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1120}^{2}\ \Phi_{280}^{2}\ \Phi_{224}^{2}\ \Phi_{160}^{2}\ \Phi_{140}^{2}\ \Phi_{70}\ \Phi_{56}^{2}\ \Phi_{40}^{2}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
113950	1587	280	$\frac{1}{70}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{280}^{10}\ \Phi_{140}^{2}\ \Phi_{70}\ \Phi_{56}^{10}\ \Phi_{40}^{9}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}^{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
113951	1587	120	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{120}^{14}\ \Phi_{60}^{14}\ \Phi_{40}^{11}\ \Phi_{30}^{14}\ \Phi_{24}^{13}\ \Phi_{20}^{14}\ \Phi_{15}^{14}\ \Phi_{12}^{13}\ \Phi_{10}^{13}\ \Phi_{8}^{10}\ \Phi_{6}^{13}\ \Phi_{5}^{13}\ \Phi_{4}^{13}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
113952	1587	336	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{336}^{8}\ \Phi_{168}^{2}\ \Phi_{112}^{7}\ \Phi_{84}^{2}\ \Phi_{56}^{2}\ \Phi_{48}^{8}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{16}^{7}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
113953	1587	848	$\frac{1}{106}$	$\frac{105}{424}$	$\frac{1}{4}$	$\frac{319}{848}$	$\Phi_{848}^{3}\ \Phi_{212}^{2}\ \Phi_{106}\ \Phi_{53}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
113954	1587	1260	$\frac{1}{70}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1260}^{2}\ \Phi_{420}^{2}\ \Phi_{252}^{2}\ \Phi_{210}^{2}\ \Phi_{180}^{2}\ \Phi_{140}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{70}\ \Phi_{60}^{2}\ \Phi_{42}^{2}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
113955	1587	546	$\frac{17}{546}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{546}^{3}\ \Phi_{273}^{3}\ \Phi_{182}^{3}\ \Phi_{91}^{3}\ \Phi_{78}^{3}\ \Phi_{42}^{3}\ \Phi_{39}^{3}\ \Phi_{21}^{3}\ \Phi_{14}^{3}\ \Phi_{13}^{2}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
113956	1587	610	$\frac{1}{61}$	$\frac{81}{610}$	$\frac{20}{61}$	$\frac{41}{122}$	$\Phi_{610}^{3}\ \Phi_{305}^{3}\ \Phi_{61}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
113957	1587	681	$\frac{2}{227}$	$\frac{152}{681}$	$\frac{75}{227}$	$\frac{1}{3}$	$\Phi_{681}^{2}\ \Phi_{227}^{3}\ \Phi_{3}\ \Phi_{1}^{3}$
113958	1587	732	$\frac{1}{61}$	$\frac{41}{244}$	$\frac{203}{732}$	$\frac{20}{61}$	$\Phi_{732}^{3}\ \Phi_{366}^{3}\ \Phi_{183}^{3}\ \Phi_{61}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
113959	1587	636	$\frac{1}{53}$	$\frac{107}{636}$	$\frac{1}{4}$	$\frac{52}{159}$	$\Phi_{636}^{2}\ \Phi_{318}^{2}\ \Phi_{212}^{3}\ \Phi_{159}^{3}\ \Phi_{106}^{3}\ \Phi_{53}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
113960	1587	1122	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{11}{34}$	$\Phi_{1122}^{2}\ \Phi_{561}^{2}\ \Phi_{102}^{2}\ \Phi_{66}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{2}\ \Phi_{33}^{3}\ \Phi_{17}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
113961	1587	780	$\frac{9}{260}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{251}{780}$	$\Phi_{780}^{3}\ \Phi_{390}^{3}\ \Phi_{195}^{3}\ \Phi_{156}^{3}\ \Phi_{78}^{3}\ \Phi_{60}^{3}\ \Phi_{39}^{3}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{13}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
113962	1587	780	$\frac{9}{260}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{251}{780}$	$\Phi_{780}^{3}\ \Phi_{390}^{3}\ \Phi_{195}^{3}\ \Phi_{156}^{3}\ \Phi_{78}^{3}\ \Phi_{60}^{3}\ \Phi_{39}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}\ \Phi_{6}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
113963	1587	650	$\frac{9}{130}$	$\frac{1}{13}$	$\frac{121}{650}$	$\frac{4}{13}$	$\Phi_{650}^{3}\ \Phi_{325}^{3}\ \Phi_{50}^{3}\ \Phi_{25}^{3}\ \Phi_{13}^{2}\ \Phi_{1}^{3}$
113964	1587	572	$\frac{43}{572}$	$\frac{1}{13}$	$\frac{9}{52}$	$\frac{4}{13}$	$\Phi_{572}^{3}\ \Phi_{286}^{3}\ \Phi_{143}^{3}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{13}^{2}\ \Phi_{11}^{3}\ \Phi_{1}^{3}$
113965	1587	624	$\frac{1}{13}$	$\frac{9}{104}$	$\frac{95}{624}$	$\frac{4}{13}$	$\Phi_{624}^{3}\ \Phi_{312}^{3}\ \Phi_{208}^{3}\ \Phi_{156}^{3}\ \Phi_{78}^{3}\ \Phi_{48}^{3}\ \Phi_{39}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{13}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
113966	1587	585	$\frac{1}{13}$	$\frac{56}{585}$	$\frac{9}{65}$	$\frac{4}{13}$	$\Phi_{585}^{3}\ \Phi_{195}^{3}\ \Phi_{117}^{3}\ \Phi_{45}^{3}\ \Phi_{39}^{3}\ \Phi_{15}^{3}\ \Phi_{13}^{2}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
113967	1587	26	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{3}{26}$	$\frac{4}{13}$	$\Phi_{26}^{60}\ \Phi_{13}^{62}\ \Phi_{2}^{60}\ \Phi_{1}^{63}$
113968	1587	264	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{264}^{6}\ \Phi_{132}^{5}\ \Phi_{88}^{6}\ \Phi_{66}^{5}\ \Phi_{44}^{6}\ \Phi_{33}^{6}\ \Phi_{24}^{9}\ \Phi_{22}^{6}\ \Phi_{12}^{8}\ \Phi_{11}^{6}\ \Phi_{8}^{9}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
113969	1587	2805	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{16}{85}$	$\frac{10}{33}$	$\Phi_{2805}\ \Phi_{255}\ \Phi_{165}\ \Phi_{85}\ \Phi_{33}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
113970	1587	120	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{120}^{14}\ \Phi_{60}^{14}\ \Phi_{40}^{14}\ \Phi_{30}^{11}\ \Phi_{24}^{13}\ \Phi_{20}^{14}\ \Phi_{15}^{11}\ \Phi_{12}^{13}\ \Phi_{10}^{13}\ \Phi_{8}^{13}\ \Phi_{6}^{10}\ \Phi_{5}^{13}\ \Phi_{4}^{13}\ \Phi_{3}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
113971	1587	168	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{168}^{10}\ \Phi_{84}^{10}\ \Phi_{56}^{10}\ \Phi_{42}^{10}\ \Phi_{28}^{7}\ \Phi_{24}^{9}\ \Phi_{21}^{10}\ \Phi_{14}^{7}\ \Phi_{12}^{9}\ \Phi_{8}^{9}\ \Phi_{7}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{6}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
113972	1587	540	$\frac{11}{540}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{540}^{3}\ \Phi_{270}^{3}\ \Phi_{180}^{3}\ \Phi_{135}^{3}\ \Phi_{108}^{3}\ \Phi_{90}^{3}\ \Phi_{60}^{2}\ \Phi_{54}^{3}\ \Phi_{45}^{3}\ \Phi_{36}^{3}\ \Phi_{30}^{2}\ \Phi_{27}^{3}\ \Phi_{20}^{3}\ \Phi_{18}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
113973	1587	700	$\frac{4}{175}$	$\frac{1}{5}$	$\frac{171}{700}$	$\frac{1}{4}$	$\Phi_{700}^{2}\ \Phi_{350}^{2}\ \Phi_{175}^{3}\ \Phi_{140}^{2}\ \Phi_{100}^{2}\ \Phi_{70}^{2}\ \Phi_{50}^{2}\ \Phi_{35}^{3}\ \Phi_{28}^{2}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{14}^{2}\ \Phi_{10}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
113974	1587	560	$\frac{31}{560}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{10}\ \Phi_7^3\ \Phi_5\ \Phi_4\ \Phi_1$
113975	1587	1260	$\frac{4}{105}$	$\frac{101}{630}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
113976	1587	1100	$\frac{21}{550}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1100}^2\ \Phi_{550}\ \Phi_{275}\ \Phi_{220}^2\ \Phi_{110}\ \Phi_{100}\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{25}\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
113977	1587	600	$\frac{4}{75}$	$\frac{71}{600}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{600}^3\ \Phi_{300}^2\ \Phi_{200}^3\ \Phi_{150}^2\ \Phi_{120}^3\ \Phi_{100}^2\ \Phi_{75}^3\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
113978	1587	560	$\frac{31}{560}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^2\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
113979	1587	1300	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{121}{650}$	$\frac{1}{4}$	$\Phi_{1300}^2\ \Phi_{650}\ \Phi_{325}\ \Phi_{100}^2\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
113980	1588	792	$\frac{1}{396}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{395}{792}$	$\Phi_{792}^4\ \Phi_{264}^4\ \Phi_{88}^4\ \Phi_{72}^4\ \Phi_{24}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
113981	1588	1590	$\frac{1}{265}$	$\frac{133}{530}$	$\frac{1}{3}$	$\frac{132}{265}$	$\Phi_{1590}^2\ \Phi_{795}\ \Phi_{318}^2\ \Phi_{159}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
113982	1588	2370	$\frac{2}{395}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{393}{790}$	$\Phi_{2370}^2\ \Phi_{474}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
113983	1588	477	$\frac{1}{159}$	$\frac{80}{477}$	$\frac{1}{3}$	$\frac{79}{159}$	$\Phi_{477}^4\ \Phi_{159}^2\ \Phi_{53}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
113984	1588	1575	$\frac{13}{1575}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{781}{1575}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
113985	1588	759	$\frac{1}{69}$	$\frac{35}{759}$	$\frac{362}{759}$	$\frac{34}{69}$	$\Phi_{759}^2\ \Phi_{253}^2\ \Phi_{69}^3\ \Phi_{33}^2\ \Phi_{23}^3\ \Phi_{11}^2\ \Phi_3^3\ \Phi_1^4$
113986	1588	782	$\frac{6}{391}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{385}{782}$	$\Phi_{782}^4\ \Phi_{46}^4\ \Phi_{34}^4\ \Phi_{23}\ \Phi_2^4\ \Phi_1^2$
113987	1588	780	$\frac{7}{390}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{383}{780}$	$\Phi_{780}^4\ \Phi_{260}^4\ \Phi_{156}^4\ \Phi_{60}^4\ \Phi_{52}^4\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
113988	1588	1272	$\frac{1}{53}$	$\frac{27}{424}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{1272}^2\ \Phi_{636}^2\ \Phi_{318}^2\ \Phi_{159}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
113989	1588	1173	$\frac{12}{391}$	$\frac{1}{23}$	$\frac{379}{1173}$	$\frac{11}{23}$	$\Phi_{1173}^2\ \Phi_{69}^2\ \Phi_{51}^2\ \Phi_{23}\ \Phi_3^2\ \Phi_1^2$
113990	1588	414	$\frac{17}{414}$	$\frac{1}{23}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{414}^4\ \Phi_{207}^4\ \Phi_{138}^4\ \Phi_{69}^4\ \Phi_{46}^4\ \Phi_{23}\ \Phi_{18}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^2$
113991	1588	1495	$\frac{1}{23}$	$\frac{93}{1495}$	$\frac{22}{115}$	$\frac{701}{1495}$	$\Phi_{1495}\ \Phi_{299}\ \Phi_{115}^2\ \Phi_{65}\ \Phi_{23}\ \Phi_{13}\ \Phi_5^2\ \Phi_1^2$
113992	1588	405	$\frac{8}{405}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^4\ \Phi_{45}^4\ \Phi_{27}^4\ \Phi_{15}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
113993	1588	483	$\frac{1}{23}$	$\frac{11}{161}$	$\frac{86}{483}$	$\frac{75}{161}$	$\Phi_{483}^4\ \Phi_{161}^2\ \Phi_{69}^4\ \Phi_{23}\ \Phi_{21}^4\ \Phi_7^2\ \Phi_3^4\ \Phi_1^2$
113994	1588	2226	$\frac{1}{53}$	$\frac{26}{371}$	$\frac{1}{3}$	$\frac{345}{742}$	$\Phi_{2226}^2\ \Phi_{318}^2\ \Phi_{159}\ \Phi_{42}^2\ \Phi_6^2$
113995	1588	460	$\frac{1}{23}$	$\frac{11}{115}$	$\frac{63}{460}$	$\frac{52}{115}$	$\Phi_{460}^4\ \Phi_{230}^4\ \Phi_{115}^2\ \Phi_{92}^4\ \Phi_{46}^4\ \Phi_{23}\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
113996	1588	1449	$\frac{1}{69}$	$\frac{139}{1449}$	$\frac{68}{207}$	$\frac{655}{1449}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}^2\ \Phi_{161}\ \Phi_{69}\ \Phi_{63}\ \Phi_{23}\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
113997	1588	1449	$\frac{1}{23}$	$\frac{139}{1449}$	$\frac{22}{161}$	$\frac{655}{1449}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{161}^2\ \Phi_{69}\ \Phi_{63}\ \Phi_{23}\ \Phi_{21}\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
113998	1588	1431	$\frac{2}{159}$	$\frac{157}{1431}$	$\frac{1}{3}$	$\frac{637}{1431}$	$\Phi_{1431}\ \Phi_{477}\ \Phi_{159}^2\ \Phi_{53}^2\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
113999	1588	552	$\frac{1}{69}$	$\frac{17}{138}$	$\frac{155}{552}$	$\frac{121}{276}$	$\Phi_{552}^4\ \Phi_{184}^4\ \Phi_{138}^4\ \Phi_{69}^3\ \Phi_{46}^4\ \Phi_{24}^4\ \Phi_{23}^3\ \Phi_8^4\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
114000	1588	690	$\frac{1}{69}$	$\frac{52}{345}$	$\frac{17}{69}$	$\frac{293}{690}$	$\Phi_{690}^4\ \Phi_{230}^4\ \Phi_{138}^4\ \Phi_{69}^3\ \Phi_{46}^4\ \Phi_{30}^4\ \Phi_{23}^3\ \Phi_{10}^4\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
114001	1588	690	$\frac{1}{23}$	$\frac{11}{115}$	$\frac{52}{345}$	$\frac{293}{690}$	$\Phi_{690}^4\ \Phi_{230}^4\ \Phi_{138}^4\ \Phi_{115}^2\ \Phi_{46}^4\ \Phi_{30}^4\ \Phi_{23}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^2\ \Phi_2^4\ \Phi_1^2$
114002	1588	1200	$\frac{3}{400}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{300}^2\ \Phi_{240}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
114003	1588	644	$\frac{1}{23}$	$\frac{11}{161}$	$\frac{75}{322}$	$\frac{247}{644}$	$\Phi_{644}^4\ \Phi_{161}^2\ \Phi_{92}^4\ \Phi_{28}^4\ \Phi_{23}\ \Phi_7^2\ \Phi_4^4\ \Phi_1^2$
114004	1588	636	$\frac{1}{159}$	$\frac{79}{318}$	$\frac{1}{3}$	$\frac{239}{636}$	$\Phi_{636}^4\ \Phi_{212}^4\ \Phi_{159}^2\ \Phi_{53}^2\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
114005	1588	621	$\frac{1}{69}$	$\frac{34}{207}$	$\frac{173}{621}$	$\frac{224}{621}$	$\Phi_{621}^2\ \Phi_{207}^4\ \Phi_{69}^3\ \Phi_{27}^2\ \Phi_{23}^3\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
114006	1588	399	$\frac{2}{399}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{399}^4\ \Phi_{133}^4\ \Phi_{57}^4\ \Phi_{21}^4\ \Phi_{19}^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
114007	1588	594	$\frac{1}{198}$	$\frac{197}{594}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{594}^4\ \Phi_{297}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
114008	1588	1200	$\frac{3}{400}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}^2\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}^2\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
114009	1588	528	$\frac{1}{132}$	$\frac{131}{528}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{176}^4\ \Phi_{88}^4\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
114010	1588	801	$\frac{7}{801}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{801}^2\ \Phi_{267}^2\ \Phi_{89}^2\ \Phi_3\ \Phi_1^2$
114011	1588	495	$\frac{1}{99}$	$\frac{98}{495}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{55}^4\ \Phi_{45}^4\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
114012	1588	402	$\frac{5}{402}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{402}^4\ \Phi_{201}^4\ \Phi_{134}^4\ \Phi_{67}^4\ \Phi_3\ \Phi_1^2$
114013	1588	462	$\frac{1}{66}$	$\frac{65}{462}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
114014	1588	405	$\frac{8}{405}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^4\ \Phi_{45}^4\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
114015	1588	891	$\frac{2}{99}$	$\frac{97}{891}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_3\ \Phi_1^2$
114016	1588	1320	$\frac{1}{44}$	$\frac{43}{440}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}^2\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
114017	1588	1221	$\frac{10}{407}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1221}\ \Phi_{407}^2\ \Phi_{111}\ \Phi_{37}^2\ \Phi_3\ \Phi_1^2$
114018	1588	408	$\frac{11}{408}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{408}^4\ \Phi_{204}^4\ \Phi_{136}^4\ \Phi_{102}^4\ \Phi_{68}^4\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{24}^4\ \Phi_{17}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
114019	1588	432	$\frac{1}{36}$	$\frac{35}{432}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{48}^4\ \Phi_{27}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
114020	1588	429	$\frac{1}{33}$	$\frac{32}{429}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{429}^4\ \Phi_{143}^4\ \Phi_{39}^4\ \Phi_{13}^4\ \Phi_3\ \Phi_1^2$
114021	1588	825	$\frac{31}{825}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}^2\ \Phi_{75}^2\ \Phi_{55}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
114022	1588	414	$\frac{17}{414}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{414}^4\ \Phi_{207}^4\ \Phi_{138}^4\ \Phi_{69}^4\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_3\ \Phi_1^2$
114023	1588	1254	$\frac{1}{22}$	$\frac{21}{418}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}^2\ \Phi_{209}^2\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_3\ \Phi_1^2$
114024	1588	1185	$\frac{4}{395}$	$\frac{1}{5}$	$\frac{391}{1185}$	$\frac{1}{3}$	$\Phi_{1185}\ \Phi_{395}^2\ \Phi_{237}\ \Phi_{79}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
114025	1588	477	$\frac{2}{159}$	$\frac{80}{477}$	$\frac{157}{477}$	$\frac{1}{3}$	$\Phi_{477}^3\ \Phi_{159}^4\ \Phi_{53}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
114026	1588	585	$\frac{7}{195}$	$\frac{1}{15}$	$\frac{188}{585}$	$\frac{1}{3}$	$\Phi_{585}^4\ \Phi_{117}^4\ \Phi_{45}^4\ \Phi_{15}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
114027	1588	405	$\frac{8}{405}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^4\ \Phi_{45}^3\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
114028	1588	1113	$\frac{1}{53}$	$\frac{52}{371}$	$\frac{319}{1113}$	$\frac{1}{3}$	$\Phi_{1113}\ \Phi_{371}^2\ \Phi_{159}^2\ \Phi_{53}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
114029	1588	525	$\frac{13}{525}$	$\frac{2}{15}$	$\frac{128}{525}$	$\frac{1}{3}$	$\Phi_{525}^3\ \Phi_{175}^3\ \Phi_{105}^3\ \Phi_{75}^3\ \Phi_{35}^3\ \Phi_{25}^3\ \Phi_{21}^3\ \Phi_{15}^4\ \Phi_7^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
114030	1588	420	$\frac{23}{420}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_7^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
114031	1588	975	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{181}{975}$	$\frac{1}{3}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
114032	1588	825	$\frac{31}{825}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}^2\ \Phi_{75}\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
114033	1588	945	$\frac{13}{315}$	$\frac{2}{15}$	$\frac{151}{945}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
114034	1588	420	$\frac{23}{420}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^3\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_7^3\ \Phi_6^4\ \Phi_5^4\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
114035	1588	450	$\frac{13}{225}$	$\frac{53}{450}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{450}^4\ \Phi_{225}^3\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^3\ \Phi_{50}^4\ \Phi_{45}^3\ \Phi_{30}^4\ \Phi_{25}^3\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^3\ \Phi_6^4\ \Phi_5^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
114036	1588	1035	$\frac{1}{23}$	$\frac{11}{115}$	$\frac{241}{1035}$	$\frac{104}{345}$	$\Phi_{1035}^2\ \Phi_{207}^2\ \Phi_{115}^2\ \Phi_{45}^2\ \Phi_{23}\ \Phi_9^2\ \Phi_5^2\ \Phi_1^2$
114037	1588	483	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{86}{483}$	$\frac{139}{483}$	$\Phi_{483}^3\ \Phi_{161}^4\ \Phi_{69}^3\ \Phi_{23}^3\ \Phi_{21}^3\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
114038	1588	529	$\frac{9}{529}$	$\frac{130}{529}$	$\frac{132}{529}$	$\frac{133}{529}$	$\Phi_{529}^3\ \Phi_{23}^3\ \Phi_1^4$
114039	1589	3168	$\frac{5}{1584}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1579}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_8\ \Phi_1$
114040	1589	1356	$\frac{1}{226}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{225}{452}$	$\Phi_{678}^2\ \Phi_{452}\ \Phi_{339}^2\ \Phi_{226}^2\ \Phi_{113}^2\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
114041	1589	4068	$\frac{1}{226}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{225}{452}$	$\Phi_{4068}\ \Phi_{452}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
114042	1589	1800	$\frac{2}{225}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{223}{450}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
114043	1589	304	$\frac{1}{76}$	$\frac{1}{8}$	$\frac{77}{304}$	$\frac{75}{152}$	$\Phi_{304}^7\ \Phi_{152}^4\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_{16}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
114044	1589	448	$\frac{3}{224}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{221}{448}$	$\Phi_{448}^7\ \Phi_{64}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
114045	1589	888	$\frac{5}{222}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{217}{444}$	$\Phi_{888}^2\ \Phi_{444}\ \Phi_{296}^2\ \Phi_{222}^2\ \Phi_{148}\ \Phi_{111}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
114046	1589	432	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{205}{432}$	$\Phi_{432}^7\ \Phi_{144}^7\ \Phi_{48}^7\ \Phi_{24}^4\ \Phi_{16}^7\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
114047	1589	240	$\frac{13}{240}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{80}^7\ \Phi_{60}^7\ \Phi_{48}^7\ \Phi_{40}^7\ \Phi_{30}^7\ \Phi_{24}^4\ \Phi_{20}^7\ \Phi_{16}^7\ \Phi_{15}^7\ \Phi_{12}^3\ \Phi_{10}^7\ \Phi_8^3\ \Phi_6^3\ \Phi_5^7\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
114048	1589	1672	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{1}{8}$	$\frac{191}{418}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{209}\ \Phi_{152}^2\ \Phi_{88}\ \Phi_{76}^2\ \Phi_{44}\ \Phi_{38}\ \Phi_{19}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
114049	1589	1356	$\frac{1}{113}$	$\frac{1}{6}$	$\frac{112}{339}$	$\frac{5}{12}$	$\Phi_{1356}^2\ \Phi_{452}^2\ \Phi_{339}\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
114050	1589	760	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{37}{190}$	$\frac{153}{380}$	$\Phi_{760}^2\ \Phi_{380}\ \Phi_{190}^2\ \Phi_{152}^4\ \Phi_{95}^2\ \Phi_{76}^3\ \Phi_{40}^2\ \Phi_{38}^3\ \Phi_{20}\ \Phi_{19}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
114051	1589	2376	$\frac{5}{792}$	$\frac{1}{4}$	$\frac{787}{2376}$	$\frac{3}{8}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_8\ \Phi_1$
114052	1589	1600	$\frac{11}{1600}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}\ \Phi_{64}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
114053	1589	2112	$\frac{5}{528}$	$\frac{523}{2112}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_1$
114054	1589	1608	$\frac{19}{1608}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1608}\ \Phi_{804}\ \Phi_{536}\ \Phi_{402}\ \Phi_{268}\ \Phi_{201}\ \Phi_{134}\ \Phi_{67}\ \Phi_8\ \Phi_1$
114055	1589	264	$\frac{5}{264}$	$\frac{37}{264}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^6\ \Phi_{132}^6\ \Phi_{88}^6\ \Phi_{66}^6\ \Phi_{44}^6\ \Phi_{33}^6\ \Phi_{24}^6\ \Phi_{22}^6\ \Phi_{12}^6\ \Phi_{11}^6\ \Phi_8^7\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
114056	1589	232	$\frac{5}{232}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{232}^7\ \Phi_{116}^7\ \Phi_{58}^7\ \Phi_{29}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
114057	1589	1632	$\frac{43}{1632}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{96}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_8\ \Phi_1$
114058	1589	1760	$\frac{5}{176}$	$\frac{171}{1760}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
114059	1589	1728	$\frac{5}{144}$	$\frac{139}{1728}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_8\ \Phi_1$
114060	1589	1656	$\frac{67}{1656}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_8\ \Phi_1$
114061	1589	1672	$\frac{83}{1672}$	$\frac{5}{88}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{418}\ \Phi_{209}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_8\ \Phi_1$
114062	1589	1368	$\frac{1}{57}$	$\frac{1}{8}$	$\frac{56}{171}$	$\frac{115}{342}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}^2\ \Phi_{228}^2\ \Phi_{171}\ \Phi_{152}^2\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{72}\ \Phi_{57}\ \Phi_{38}\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
114063	1589	1017	$\frac{1}{113}$	$\frac{2}{9}$	$\frac{112}{339}$	$\frac{1}{3}$	$\Phi_{1017}^2\ \Phi_{339}\ \Phi_9^3\ \Phi_3\ \Phi_1$
114064	1589	600	$\frac{2}{75}$	$\frac{1}{8}$	$\frac{73}{300}$	$\frac{1}{3}$	$\Phi_{600}^3\ \Phi_{300}^2\ \Phi_{200}^3\ \Phi_{150}^2\ \Phi_{120}^3\ \Phi_{100}^2\ \Phi_{75}^3\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{24}^4\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
114065	1589	936	$\frac{7}{234}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}\ \Phi_{156}^2\ \Phi_{117}\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{24}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
114066	1589	1080	$\frac{2}{45}$	$\frac{1}{8}$	$\frac{43}{270}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}^2\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}^2\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
114067	1589	240	$\frac{13}{240}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{240}^7\ \Phi_{120}^6\ \Phi_{80}^7\ \Phi_{60}^6\ \Phi_{48}^7\ \Phi_{40}^6\ \Phi_{30}^6\ \Phi_{24}^7\ \Phi_{20}^6\ \Phi_{16}^7\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}^6\ \Phi_8^6\ \Phi_6^7\ \Phi_5^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
114068	1589	336	$\frac{3}{112}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{109}{336}$	$\Phi_{336}^7\ \Phi_{168}^7\ \Phi_{84}^7\ \Phi_{48}^7\ \Phi_{42}^7\ \Phi_{24}^7\ \Phi_{21}^7\ \Phi_{12}^7\ \Phi_8^3\ \Phi_6^7\ \Phi_4^2\ \Phi_3^7\ \Phi_2^2\ \Phi_1^3$
114069	1589	504	$\frac{1}{12}$	$\frac{25}{252}$	$\frac{1}{8}$	$\frac{11}{36}$	$\Phi_{504}^4\ \Phi_{252}^3\ \Phi_{168}^4\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{63}^3\ \Phi_{56}^4\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
114070	1589	648	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{8}$	$\frac{97}{324}$	$\Phi_{648}^4\ \Phi_{324}^3\ \Phi_{162}^3\ \Phi_{81}^3\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
114071	1589	280	$\frac{3}{56}$	$\frac{1}{8}$	$\frac{53}{280}$	$\frac{1}{4}$	$\Phi_{280}^7\ \Phi_{140}^7\ \Phi_{70}^7\ \Phi_{40}^7\ \Phi_{35}^7\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_8^3\ \Phi_5^7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
114072	1589	240	$\frac{13}{240}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{240}^{7}\ \Phi_{120}^{7}\ \Phi_{80}^{7}\ \Phi_{60}^{7}\ \Phi_{48}^{7}\ \Phi_{40}^{7}\ \Phi_{30}^{7}\ \Phi_{24}^{7}\ \Phi_{20}^{7}\ \Phi_{15}^{7}\ \Phi_{12}^{7}\ \Phi_{10}^{7}\ \Phi_{8}^{3}\ \Phi_{6}^{7}\ \Phi_{5}^{7}\ \Phi_{4}^{2}\ \Phi_{3}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
114073	1589	256	$\frac{3}{32}$	$\frac{29}{256}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{256}^{7}\ \Phi_{128}^{7}\ \Phi_{64}^{7}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
114074	1589	504	$\frac{25}{252}$	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{504}^{4}\ \Phi_{252}^{3}\ \Phi_{168}^{4}\ \Phi_{126}^{3}\ \Phi_{84}^{3}\ \Phi_{72}^{4}\ \Phi_{63}^{3}\ \Phi_{42}^{3}\ \Phi_{36}^{3}\ \Phi_{24}^{4}\ \Phi_{21}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
114075	1589	288	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{72}$	$\frac{61}{288}$	$\Phi_{288}^{7}\ \Phi_{144}^{7}\ \Phi_{96}^{7}\ \Phi_{48}^{7}\ \Phi_{32}^{7}\ \Phi_{24}^{4}\ \Phi_{16}^{7}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
114076	1590	2536	$\frac{1}{317}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{158}{317}$	$\Phi_{2536}\ \Phi_{317}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
114077	1590	2640	$\frac{1}{264}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{263}{528}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}^{2}\ \Phi_{240}\ \Phi_{176}^{2}\ \Phi_{80}\ \Phi_{48}^{2}\ \Phi_{16}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
114078	1590	528	$\frac{1}{264}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{263}{528}$	$\Phi_{528}^{6}\ \Phi_{176}^{6}\ \Phi_{48}^{6}\ \Phi_{16}^{6}\ \Phi_{12}\ \Phi_{6}$
114079	1590	454	$\frac{1}{227}$	$\frac{38}{227}$	$\frac{189}{454}$	$\frac{113}{227}$	$\Phi_{454}^{6}\ \Phi_{227}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
114080	1590	1582	$\frac{4}{791}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{787}{1582}$	$\Phi_{1582}^{2}\ \Phi_{226}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
114081	1590	708	$\frac{1}{177}$	$\frac{1}{4}$	$\frac{89}{354}$	$\frac{88}{177}$	$\Phi_{708}^{3}\ \Phi_{354}\ \Phi_{236}^{3}\ \Phi_{177}^{2}\ \Phi_{118}\ \Phi_{59}^{2}\ \Phi_{12}^{3}\ \Phi_{6}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
114082	1590	2844	$\frac{1}{158}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{157}{316}$	$\Phi_{2844}\ \Phi_{948}\ \Phi_{316}^{2}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
114083	1590	948	$\frac{1}{158}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{157}{316}$	$\Phi_{948}^{3}\ \Phi_{316}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
114084	1590	420	$\frac{1}{105}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{52}{105}$	$\Phi_{420}^{7}\ \Phi_{140}^{7}\ \Phi_{105}\ \Phi_{84}^{7}\ \Phi_{60}^{7}\ \Phi_{35}\ \Phi_{28}^{8}\ \Phi_{21}\ \Phi_{20}^{7}\ \Phi_{15}\ \Phi_{12}^{7}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^{8}\ \Phi_{3}\ \Phi_{1}^{2}$
114085	1590	105	$\frac{1}{105}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{52}{105}$	$\Phi_{105}^{15}\ \Phi_{35}^{15}\ \Phi_{21}^{15}\ \Phi_{15}^{15}\ \Phi_{7}^{17}\ \Phi_{5}^{15}\ \Phi_{3}^{15}\ \Phi_{1}^{18}$
114086	1590	420	$\frac{1}{105}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{52}{105}$	$\Phi_{420}^{5}\ \Phi_{210}^{2}\ \Phi_{140}^{5}\ \Phi_{105}^{3}\ \Phi_{84}^{5}\ \Phi_{70}^{2}\ \Phi_{60}^{5}\ \Phi_{42}^{2}\ \Phi_{35}^{3}\ \Phi_{30}^{2}\ \Phi_{28}^{5}\ \Phi_{21}^{3}\ \Phi_{20}^{5}\ \Phi_{15}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{7}\ \Phi_{10}^{2}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
114087	1590	1064	$\frac{3}{266}$	$\frac{1}{7}$	$\frac{269}{1064}$	$\frac{263}{532}$	$\Phi_{1064}^{2}\ \Phi_{266}^{2}\ \Phi_{152}^{2}\ \Phi_{133}^{2}\ \Phi_{56}^{2}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
114088	1590	227	$\frac{3}{227}$	$\frac{23}{227}$	$\frac{68}{227}$	$\frac{112}{227}$	$\Phi_{227}^{7}\ \Phi_{1}^{8}$
114089	1590	1568	$\frac{11}{784}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{773}{1568}$	$\Phi_{1568}^{2}\ \Phi_{224}^{2}\ \Phi_{32}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
114090	1590	1044	$\frac{4}{261}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{257}{522}$	$\Phi_{1044}^{2}\ \Phi_{348}^{2}\ \Phi_{261}^{2}\ \Phi_{116}^{2}\ \Phi_{87}^{2}\ \Phi_{36}^{3}\ \Phi_{29}^{2}\ \Phi_{18}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{6}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
114091	1590	1914	$\frac{5}{319}$	$\frac{1}{6}$	$\frac{54}{319}$	$\frac{157}{319}$	$\Phi_{1914}\ \Phi_{957}\ \Phi_{638}\ \Phi_{174}\ \Phi_{87}\ \Phi_{66}\ \Phi_{58}\ \Phi_{33}\ \Phi_{22}$
114092	1590	1589	$\frac{25}{1589}$	$\frac{264}{1589}$	$\frac{269}{1589}$	$\frac{782}{1589}$	$\Phi_{1589}\ \Phi_{227}\ \Phi_{7}\ \Phi_{1}^{2}$
114093	1590	236	$\frac{1}{59}$	$\frac{6}{59}$	$\frac{1}{4}$	$\frac{29}{59}$	$\Phi_{236}^{9}\ \Phi_{118}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}$
114094	1590	3016	$\frac{1}{52}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{51}{104}$	$\Phi_{3016}\ \Phi_{232}\ \Phi_{104}^{2}\ \Phi_{29}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
114095	1590	624	$\frac{1}{52}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{624}^{4}\ \Phi_{312}^{3}\ \Phi_{156}^{4}\ \Phi_{78}^{4}\ \Phi_{48}^{5}\ \Phi_{39}^{4}\ \Phi_{24}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
114096	1590	3016	$\frac{1}{52}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{51}{104}$	$\Phi_{3016}\ \Phi_{232}\ \Phi_{104}^{2}\ \Phi_{29}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
114097	1590	1144	$\frac{1}{52}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{51}{104}$	$\Phi_{1144}^{3}\ \Phi_{88}^{3}\ \Phi_{44}\ \Phi_{22}$
114098	1590	3016	$\frac{1}{52}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{51}{104}$	$\Phi_{3016}\ \Phi_{232}\ \Phi_{104}^{2}\ \Phi_{29}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
114099	1590	2184	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{51}{104}$	$\Phi_{2184}^{2}\ \Phi_{728}\ \Phi_{168}^{2}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
114100	1590	518	$\frac{6}{259}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{253}{518}$	$\Phi_{518}^{6}\ \Phi_{74}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
114101	1590	3410	$\frac{4}{155}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{151}{310}$	$\Phi_{3410}\ \Phi_{682}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
114102	1590	2128	$\frac{1}{38}$	$\frac{39}{304}$	$\frac{1}{7}$	$\frac{37}{76}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{266}\ \Phi_{133}\ \Phi_{112}\ \Phi_{56}\ \Phi_{14}$
114103	1590	704	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{11}{64}$	$\frac{31}{64}$	$\Phi_{704}^{2}\ \Phi_{352}^{3}\ \Phi_{176}^{3}\ \Phi_{88}^{3}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{11}^{2}$
114104	1590	924	$\frac{5}{154}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{149}{308}$	$\Phi_{924}^{4}\ \Phi_{308}^{2}\ \Phi_{132}^{4}\ \Phi_{84}^{4}\ \Phi_{66}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{28}^{2}\ \Phi_{22}\ \Phi_{12}^{4}\ \Phi_{4}^{2}$
114105	1590	2262	$\frac{1}{29}$	$\frac{1}{26}$	$\frac{25}{78}$	$\frac{14}{29}$	$\Phi_{2262}\ \Phi_{1131}\ \Phi_{174}\ \Phi_{87}\ \Phi_{78}^{2}\ \Phi_{39}^{2}\ \Phi_{29}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
114106	1590	1624	$\frac{1}{29}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{1624}\ \Phi_{812}\ \Phi_{406}\ \Phi_{232}\ \Phi_{203}\ \Phi_{56}^{2}\ \Phi_{29}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
114107	1590	1885	$\frac{1}{29}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{14}{29}$	$\Phi_{1885}\ \Phi_{145}\ \Phi_{65}^{2}\ \Phi_{29}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
114108	1590	174	$\frac{1}{29}$	$\frac{5}{58}$	$\frac{1}{6}$	$\frac{14}{29}$	$\Phi_{174}^{11}\ \Phi_{87}^{11}\ \Phi_{58}^{5}\ \Phi_{29}^{6}\ \Phi_{6}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
114109	1590	3162	$\frac{1}{31}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{3162}\ \Phi_{1054}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
114110	1590	3344	$\frac{7}{152}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{145}{304}$	$\Phi_{3344}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
114111	1590	504	$\frac{13}{252}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{239}{504}$	$\Phi_{504}^{6}\ \Phi_{168}^{6}\ \Phi_{72}^{6}\ \Phi_{56}^{6}\ \Phi_{24}^{6}\ \Phi_{14}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
114112	1590	2232	$\frac{1}{31}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{558}\ \Phi_{279}\ \Phi_{248}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
114113	1590	1100	$\frac{3}{50}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{47}{100}$	$\Phi_{1100}^{3}\ \Phi_{220}^{3}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}^{3}\ \Phi_{22}$
114114	1590	756	$\frac{1}{54}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{756}^{4}\ \Phi_{252}^{4}\ \Phi_{108}^{4}\ \Phi_{84}^{3}\ \Phi_{54}^{2}\ \Phi_{36}^{4}\ \Phi_{28}^{4}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
114115	1590	140	$\frac{1}{35}$	$\frac{1}{14}$	$\frac{17}{70}$	$\frac{13}{28}$	$\Phi_{140}^{21}\ \Phi_{70}^{2}\ \Phi_{35}\ \Phi_{28}^{22}\ \Phi_{20}^{21}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^{22}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
114116	1590	1540	$\frac{2}{55}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{1540}^{2}\ \Phi_{308}^{2}\ \Phi_{220}^{2}\ \Phi_{140}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{28}^{2}\ \Phi_{20}\ \Phi_{11}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
114117	1590	252	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{10}{63}$	$\frac{13}{28}$	$\Phi_{252}^{14}\ \Phi_{84}^{7}\ \Phi_{63}^{2}\ \Phi_{36}^{14}\ \Phi_{28}^{8}\ \Phi_{21}\ \Phi_{12}^{7}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{4}^{8}\ \Phi_{3}\ \Phi_{1}^{2}$
114118	1590	56	$\frac{3}{56}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{56}^{30}\ \Phi_{28}^{24}\ \Phi_{14}^{30}\ \Phi_{8}^{30}\ \Phi_{7}^{29}\ \Phi_{4}^{24}\ \Phi_{2}^{30}\ \Phi_{1}^{30}$
114119	1590	420	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{7}{60}$	$\frac{13}{28}$	$\Phi_{420}^{3}\ \Phi_{210}^{4}\ \Phi_{140}^{3}\ \Phi_{105}^{4}\ \Phi_{84}^{3}\ \Phi_{70}^{4}\ \Phi_{60}^{5}\ \Phi_{42}^{4}\ \Phi_{35}^{4}\ \Phi_{30}^{6}\ \Phi_{28}^{4}\ \Phi_{21}^{4}\ \Phi_{20}^{5}\ \Phi_{15}^{5}\ \Phi_{14}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{6}\ \Phi_{7}^{4}\ \Phi_{6}^{6}\ \Phi_{5}^{5}\ \Phi_{4}^{6}\ \Phi_{3}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
114120	1590	3458	$\frac{1}{19}$	$\frac{18}{247}$	$\frac{1}{7}$	$\frac{229}{494}$	$\Phi_{3458}\ \Phi_{266}\ \Phi_{182}\ \Phi_{133}\ \Phi_{14}$
114121	1590	1463	$\frac{6}{133}$	$\frac{127}{1463}$	$\frac{1}{7}$	$\frac{668}{1463}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{133}^{2}\ \Phi_{77}\ \Phi_{19}^{2}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^{2}$
114122	1590	330	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{330}^{6}\ \Phi_{165}^{6}\ \Phi_{110}^{6}\ \Phi_{66}^{5}\ \Phi_{33}^{5}\ \Phi_{30}^{6}\ \Phi_{22}^{5}\ \Phi_{15}^{6}\ \Phi_{10}^{6}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
114123	1590	870	$\frac{1}{29}$	$\frac{14}{145}$	$\frac{1}{6}$	$\frac{131}{290}$	$\Phi_{870}^{2}\ \Phi_{435}^{2}\ \Phi_{174}^{3}\ \Phi_{145}^{2}\ \Phi_{87}^{3}\ \Phi_{58}\ \Phi_{30}^{2}\ \Phi_{29}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
114124	1590	2976	$\frac{1}{31}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
114125	1590	1056	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{5}{48}$	$\frac{43}{96}$	$\Phi_{1056}^{3}\ \Phi_{352}^{3}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
114126	1590	711	$\frac{1}{79}$	$\frac{1}{9}$	$\frac{26}{79}$	$\frac{4}{9}$	$\Phi_{711}^{2}\ \Phi_{237}^{2}\ \Phi_{79}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
114127	1590	108	$\frac{1}{54}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{108}^{20}\ \Phi_{54}^{10}\ \Phi_{36}^{19}\ \Phi_{27}^{10}\ \Phi_{18}^{9}\ \Phi_{12}^{19}\ \Phi_{9}^{10}\ \Phi_{6}^{9}\ \Phi_{4}^{18}\ \Phi_{3}^{10}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
114128	1590	472	$\frac{1}{59}$	$\frac{29}{236}$	$\frac{1}{4}$	$\frac{207}{472}$	$\Phi_{472}^{6}\ \Phi_{236}\ \Phi_{118}\ \Phi_{8}^{6}$
114129	1590	1589	$\frac{17}{1589}$	$\frac{213}{1589}$	$\frac{524}{1589}$	$\frac{688}{1589}$	$\Phi_{1589}\ \Phi_{227}\ \Phi_{7}\ \Phi_{1}^{2}$
114130	1590	3080	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{19}{140}$	$\frac{121}{280}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
114131	1590	161	$\frac{2}{161}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{161}^{10}\ \Phi_{23}^{10}\ \Phi_{7}^{7}\ \Phi_{1}^{8}$
114132	1590	1674	$\frac{1}{54}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{1674}\ \Phi_{837}\ \Phi_{558}\ \Phi_{279}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
114133	1590	3192	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{37}{228}$	$\frac{191}{456}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{266}\ \Phi_{168}\ \Phi_{133}\ \Phi_{56}\ \Phi_{14}$
114134	1590	1860	$\frac{1}{31}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{465}\ \Phi_{310}\ \Phi_{186}\ \Phi_{155}\ \Phi_{93}\ \Phi_{62}$
114135	1590	454	$\frac{5}{227}$	$\frac{37}{227}$	$\frac{38}{227}$	$\frac{189}{454}$	$\Phi_{454}^{6}\ \Phi_{227}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
114136	1590	2790	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{2790}\ \Phi_{930}\ \Phi_{558}\ \Phi_{310}\ \Phi_{279}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
114137	1590	266	$\frac{3}{133}$	$\frac{1}{7}$	$\frac{26}{133}$	$\frac{107}{266}$	$\Phi_{266}^{10}\ \Phi_{133}^{2}\ \Phi_{38}^{10}\ \Phi_{19}^{2}\ \Phi_{14}^{10}\ \Phi_{7}\ \Phi_{2}^{10}\ \Phi_{1}^{2}$
114138	1590	1589	$\frac{24}{1589}$	$\frac{313}{1589}$	$\frac{317}{1589}$	$\frac{638}{1589}$	$\Phi_{1589}\ \Phi_{227}\ \Phi_{7}\ \Phi_{1}^{2}$
114139	1590	708	$\frac{2}{177}$	$\frac{35}{177}$	$\frac{1}{4}$	$\frac{71}{177}$	$\Phi_{708}^{3}\ \Phi_{354}^{3}\ \Phi_{236}^{3}\ \Phi_{118}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
114140	1590	227	$\frac{2}{227}$	$\frac{45}{227}$	$\frac{68}{227}$	$\frac{91}{227}$	$\Phi_{227}^{7}\ \Phi_{1}^{8}$
114141	1590	1335	$\frac{2}{267}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1335}\ \Phi_{445}\ \Phi_{267}^{2}\ \Phi_{89}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
114142	1590	1980	$\frac{1}{132}$	$\frac{1}{5}$	$\frac{131}{396}$	$\frac{2}{5}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}^{2}\ \Phi_{198}^{2}\ \Phi_{180}\ \Phi_{99}^{2}\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
114143	1590	1340	$\frac{3}{268}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1340}\ \Phi_{670}\ \Phi_{335}\ \Phi_{268}^{2}\ \Phi_{134}^{2}\ \Phi_{67}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
114144	1590	1760	$\frac{1}{88}$	$\frac{1}{5}$	$\frac{87}{352}$	$\frac{2}{5}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{352}^{2}\ \Phi_{176}^{2}\ \Phi_{160}\ \Phi_{80}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
114145	1590	330	$\frac{1}{66}$	$\frac{13}{66}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{330}^{4}\ \Phi_{165}^{4}\ \Phi_{110}^{4}\ \Phi_{66}^{8}\ \Phi_{55}^{4}\ \Phi_{33}^{8}\ \Phi_{30}^{4}\ \Phi_{22}^{8}\ \Phi_{15}^{4}\ \Phi_{11}^{8}\ \Phi_{10}^{4}\ \Phi_{6}^{8}\ \Phi_{5}^{5}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
114146	1590	270	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{270}^{5}\ \Phi_{135}^{5}\ \Phi_{90}^{5}\ \Phi_{54}^{10}\ \Phi_{45}^{5}\ \Phi_{30}^{4}\ \Phi_{27}^{10}\ \Phi_{18}^{10}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{10}\ \Phi_{6}^{8}\ \Phi_{5}^{5}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
114147	1590	1540	$\frac{1}{44}$	$\frac{43}{308}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}^{2}\ \Phi_{154}^{2}\ \Phi_{140}\ \Phi_{77}^{2}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
114148	1590	1360	$\frac{7}{272}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{272}^{2}\ \Phi_{170}\ \Phi_{136}^{2}\ \Phi_{85}\ \Phi_{80}\ \Phi_{68}^{2}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{16}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
114149	1590	1485	$\frac{1}{33}$	$\frac{32}{297}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}^{2}\ \Phi_{135}\ \Phi_{99}^{2}\ \Phi_{45}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
114150	1590	55	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{55}^{29}\ \Phi_{11}^{28}\ \Phi_{5}^{30}\ \Phi_{1}^{30}$
114151	1590	1380	$\frac{11}{276}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}^{2}\ \Phi_{230}\ \Phi_{138}^{2}\ \Phi_{115}\ \Phi_{92}^{2}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{23}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
114152	1590	1440	$\frac{1}{24}$	$\frac{23}{288}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}^{2}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}^{2}\ \Phi_{96}^{2}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{45}\ \Phi_{36}^{2}\ \Phi_{32}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
114153	1590	1430	$\frac{1}{22}$	$\frac{21}{286}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1430}\ \Phi_{715}\ \Phi_{286}^{2}\ \Phi_{143}^{2}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
114154	1590	812	$\frac{17}{812}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{812}^{2}\ \Phi_{406}^{2}\ \Phi_{203}^{2}\ \Phi_{116}^{2}\ \Phi_{58}^{2}\ \Phi_{29}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
114155	1590	2816	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{31}{128}$	$\frac{97}{256}$	$\Phi_{2816}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
114156	1590	480	$\frac{1}{160}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{480}^{5}\ \Phi_{240}^{5}\ \Phi_{120}^{5}\ \Phi_{96}^{5}\ \Phi_{60}^{5}\ \Phi_{48}^{5}\ \Phi_{30}^{5}\ \Phi_{24}^{4}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
114157	1590	2536	$\frac{2}{317}$	$\frac{1}{4}$	$\frac{105}{317}$	$\frac{3}{8}$	$\Phi_{2536}\ \Phi_{317}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
114158	1590	856	$\frac{1}{107}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{856}^{3}\ \Phi_{428}\ \Phi_{214}$
114159	1590	2536	$\frac{5}{317}$	$\frac{52}{317}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2536}\ \Phi_{317}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
114160	1590	1512	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1512}^{2}\ \Phi_{504}^{2}\ \Phi_{378}\ \Phi_{189}\ \Phi_{168}^{2}\ \Phi_{126}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
114161	1590	1589	$\frac{19}{1589}$	$\frac{314}{1589}$	$\frac{425}{1589}$	$\frac{582}{1589}$	$\Phi_{1589}\ \Phi_{227}\ \Phi_{7}\ \Phi_{1}^{2}$
114162	1590	1674	$\frac{1}{54}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{1674}\ \Phi_{837}\ \Phi_{558}\ \Phi_{279}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
114163	1590	880	$\frac{1}{40}$	$\frac{1}{11}$	$\frac{13}{40}$	$\frac{27}{80}$	$\Phi_{880}^{3}\ \Phi_{440}\ \Phi_{220}\ \Phi_{176}^{3}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
114164	1590	1589	$\frac{26}{1589}$	$\frac{211}{1589}$	$\frac{521}{1589}$	$\frac{534}{1589}$	$\Phi_{1589}\ \Phi_{227}\ \Phi_{7}\ \Phi_{1}^{2}$
114165	1590	399	$\frac{2}{133}$	$\frac{1}{7}$	$\frac{131}{399}$	$\frac{134}{399}$	$\Phi_{399}^{3}\ \Phi_{133}^{6}\ \Phi_{57}^{3}\ \Phi_{21}^{3}\ \Phi_{19}^{6}\ \Phi_{7}^{5}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
114166	1590	1914	$\frac{4}{319}$	$\frac{1}{6}$	$\frac{105}{319}$	$\frac{107}{319}$	$\Phi_{1914}\ \Phi_{957}\ \Phi_{638}\ \Phi_{174}\ \Phi_{87}\ \Phi_{66}\ \Phi_{58}\ \Phi_{33}\ \Phi_{22}$
114167	1590	1194	$\frac{1}{199}$	$\frac{66}{199}$	$\frac{1}{3}$	$\frac{133}{398}$	$\Phi_{1194}^{3}\ \Phi_{597}\ \Phi_{6}^{3}$
114168	1590	1068	$\frac{2}{267}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1068}^{2}\ \Phi_{534}^{2}\ \Phi_{356}^{2}\ \Phi_{178}^{2}\ \Phi_{12}\ \Phi_{6}$
114169	1590	396	$\frac{1}{132}$	$\frac{1}{4}$	$\frac{131}{396}$	$\frac{1}{3}$	$\Phi_{396}^{6}\ \Phi_{198}^{6}\ \Phi_{99}^{6}\ \Phi_{36}^{6}\ \Phi_{18}^{6}\ \Phi_{12}\ \Phi_{9}^{6}\ \Phi_{6}$
114170	1590	474	$\frac{1}{79}$	$\frac{1}{6}$	$\frac{26}{79}$	$\frac{1}{3}$	$\Phi_{474}^{4}\ \Phi_{237}^{2}\ \Phi_{158}^{4}\ \Phi_{79}^{4}\ \Phi_{6}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
114171	1590	2388	$\frac{13}{796}$	$\frac{107}{796}$	$\frac{261}{796}$	$\frac{1}{3}$	$\Phi_{2388}\ \Phi_{1194}\ \Phi_{597}\ \Phi_{12}\ \Phi_{6}$
114172	1590	624	$\frac{1}{26}$	$\frac{1}{16}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{624}^{2}\ \Phi_{312}^{2}\ \Phi_{208}^{4}\ \Phi_{156}^{2}\ \Phi_{104}^{4}\ \Phi_{78}\ \Phi_{52}^{4}\ \Phi_{48}^{3}\ \Phi_{39}\ \Phi_{26}^{2}\ \Phi_{24}^{3}\ \Phi_{16}^{4}\ \Phi_{13}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
114173	1590	378	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{378}^{4}\ \Phi_{189}^{4}\ \Phi_{126}^{4}\ \Phi_{63}^{4}\ \Phi_{54}^{6}\ \Phi_{42}^{4}\ \Phi_{27}^{6}\ \Phi_{21}^{2}\ \Phi_{18}^{6}\ \Phi_{14}^{4}\ \Phi_{9}^{6}\ \Phi_{7}^{4}\ \Phi_{6}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
114174	1590	2388	$\frac{11}{796}$	$\frac{157}{796}$	$\frac{213}{796}$	$\frac{1}{3}$	$\Phi_{2388}\ \Phi_{1194}\ \Phi_{597}\ \Phi_{12}\ \Phi_{6}$
114175	1590	804	$\frac{3}{268}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{804}^{3}\ \Phi_{402}^{3}\ \Phi_{201}^{3}\ \Phi_{12}\ \Phi_{6}$
114176	1590	1056	$\frac{1}{88}$	$\frac{87}{352}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1056}^{3}\ \Phi_{528}^{3}\ \Phi_{96}^{3}\ \Phi_{48}^{3}\ \Phi_{12}\ \Phi_{6}$
114177	1590	132	$\frac{1}{66}$	$\frac{13}{66}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^{16}\ \Phi_{66}^{8}\ \Phi_{44}^{16}\ \Phi_{33}^{8}\ \Phi_{22}^{8}\ \Phi_{12}^{17}\ \Phi_{11}^{8}\ \Phi_{6}^{9}\ \Phi_{4}^{16}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
114178	1590	108	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{108}^{20}\ \Phi_{54}^{10}\ \Phi_{36}^{20}\ \Phi_{27}^{10}\ \Phi_{18}^{10}\ \Phi_{12}^{17}\ \Phi_{9}^{10}\ \Phi_{6}^{9}\ \Phi_{4}^{16}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
114179	1590	924	$\frac{1}{44}$	$\frac{43}{308}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^{3}\ \Phi_{462}^{3}\ \Phi_{231}^{3}\ \Phi_{84}^{3}\ \Phi_{42}^{3}\ \Phi_{21}^{3}\ \Phi_{12}\ \Phi_{6}$
114180	1590	816	$\frac{7}{272}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{816}^{3}\ \Phi_{408}^{3}\ \Phi_{204}^{3}\ \Phi_{102}^{3}\ \Phi_{51}^{3}\ \Phi_{48}^{3}\ \Phi_{12}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
114181	1590	1188	$\frac{1}{33}$	$\frac{32}{297}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
114182	1590	528	$\frac{3}{88}$	$\frac{17}{176}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{528}^5\ \Phi_{264}^4\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{48}^5\ \Phi_{33}^4\ \Phi_{24}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
114183	1590	660	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^5\ \Phi_{330}^5\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{60}^5\ \Phi_{30}^5\ \Phi_{12}^5\ \Phi_6^5$
114184	1590	276	$\frac{11}{276}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{276}^6\ \Phi_{138}^6\ \Phi_{92}^6\ \Phi_{69}^6\ \Phi_{46}^6\ \Phi_{23}^6\ \Phi_{12}\ \Phi_6$
114185	1590	288	$\frac{1}{24}$	$\frac{23}{288}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{288}^6\ \Phi_{144}^6\ \Phi_{96}^6\ \Phi_{72}^6\ \Phi_{48}^6\ \Phi_{36}^6\ \Phi_{32}^6\ \Phi_{18}^6\ \Phi_{16}^6\ \Phi_{12}\ \Phi_9^6\ \Phi_6$
114186	1590	1716	$\frac{1}{22}$	$\frac{21}{286}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1716}^2\ \Phi_{858}\ \Phi_{429}\ \Phi_{156}^2\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
114187	1590	2508	$\frac{41}{836}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{627}\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{12}\ \Phi_6$
114188	1590	336	$\frac{3}{56}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^8\ \Phi_{168}^7\ \Phi_{84}^7\ \Phi_{48}^5\ \Phi_{42}^7\ \Phi_{24}^4\ \Phi_{21}^7\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
114189	1590	2244	$\frac{31}{561}$	$\frac{2}{33}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{374}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{34}\ \Phi_{12}\ \Phi_6$
114190	1590	3120	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
114191	1590	2394	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{77}{342}$	$\frac{37}{114}$	$\Phi_{2394}\ \Phi_{1197}\ \Phi_{266}\ \Phi_{133}\ \Phi_{126}\ \Phi_{63}\ \Phi_{14}$
114192	1590	392	$\frac{11}{392}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{127}{392}$	$\Phi_{392}^4\ \Phi_{196}^4\ \Phi_{98}^4\ \Phi_{56}^4\ \Phi_{49}^4\ \Phi_{28}^4\ \Phi_{14}^6\ \Phi_8^4\ \Phi_7^5\ \Phi_4^4\ \Phi_2^6\ \Phi_1^6$
114193	1590	3132	$\frac{8}{261}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{253}{783}$	$\Phi_{3132}\ \Phi_{1566}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
114194	1590	2262	$\frac{1}{26}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{25}{78}$	$\Phi_{2262}\ \Phi_{1131}\ \Phi_{174}\ \Phi_{87}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{29}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
114195	1590	1716	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{25}{78}$	$\Phi_{1716}^2\ \Phi_{858}\ \Phi_{429}\ \Phi_{132}^2\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
114196	1590	2262	$\frac{1}{26}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{25}{78}$	$\Phi_{2262}\ \Phi_{1131}\ \Phi_{174}\ \Phi_{87}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{29}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
114197	1590	546	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{25}{78}$	$\Phi_{546}^3\ \Phi_{273}^3\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{14}^5\ \Phi_7^4$
114198	1590	704	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{11}{64}$	$\frac{5}{16}$	$\Phi_{704}^3\ \Phi_{352}^3\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
114199	1590	462	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{24}{77}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{66}^5\ \Phi_{42}^4\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
114200	1590	1624	$\frac{3}{56}$	$\frac{2}{29}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{1624}\ \Phi_{812}\ \Phi_{406}\ \Phi_{232}\ \Phi_{203}\ \Phi_{56}^2\ \Phi_{29}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_1^2$
114201	1590	1885	$\frac{2}{29}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{9}{29}$	$\Phi_{1885}\ \Phi_{145}\ \Phi_{65}^2\ \Phi_{29}\ \Phi_5^2\ \Phi_1^2$
114202	1590	174	$\frac{2}{29}$	$\frac{5}{58}$	$\frac{1}{6}$	$\frac{9}{29}$	$\Phi_{174}^{11}\ \Phi_{87}^{11}\ \Phi_{58}^5\ \Phi_{29}^6\ \Phi_6^{10}\ \Phi_3^{10}\ \Phi_2^4\ \Phi_1^6$
114203	1590	294	$\frac{1}{14}$	$\frac{29}{294}$	$\frac{1}{7}$	$\frac{13}{42}$	$\Phi_{294}^6\ \Phi_{147}^6\ \Phi_{98}^6\ \Phi_{49}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
114204	1590	660	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{7}{60}$	$\frac{3}{10}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{110}\ \Phi_{66}^3\ \Phi_{55}\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{22}$
114205	1590	227	$\frac{12}{227}$	$\frac{23}{227}$	$\frac{43}{227}$	$\frac{68}{227}$	$\Phi_{227}^7\ \Phi_1^8$
114206	1590	378	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{7}$	$\frac{113}{378}$	$\Phi_{378}^6\ \Phi_{189}^6\ \Phi_{54}^6\ \Phi_{27}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
114207	1590	70	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{17}{70}$	$\frac{2}{7}$	$\Phi_{70}^{30}\ \Phi_{35}^{15}\ \Phi_{14}^{30}\ \Phi_{10}^{30}\ \Phi_7^{17}\ \Phi_5^{15}\ \Phi_2^{30}\ \Phi_1^{18}$
114208	1590	273	$\frac{8}{273}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{273}^6\ \Phi_{91}^6\ \Phi_{39}^6\ \Phi_{21}^3\ \Phi_{13}^6\ \Phi_7^5\ \Phi_3^3\ \Phi_1^6$
114209	1590	385	$\frac{2}{55}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{385}^4\ \Phi_{77}^4\ \Phi_{55}^6\ \Phi_{35}^2\ \Phi_{11}^6\ \Phi_7^4\ \Phi_5^3\ \Phi_1^6$
114210	1590	63	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{10}{63}$	$\frac{2}{7}$	$\Phi_{63}^{30}\ \Phi_{21}^{15}\ \Phi_9^{30}\ \Phi_7^{17}\ \Phi_3^{15}\ \Phi_1^{18}$
114211	1590	56	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{56}^{30}\ \Phi_{28}^{30}\ \Phi_{14}^{30}\ \Phi_8^{30}\ \Phi_7^{17}\ \Phi_4^{30}\ \Phi_2^{30}\ \Phi_1^{18}$
114212	1590	420	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^2\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^6\ \Phi_{42}^4\ \Phi_{35}^2\ \Phi_{30}^6\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{20}^6\ \Phi_{15}^3\ \Phi_{14}^4\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_7^4\ \Phi_6^6\ \Phi_5^3\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
114213	1590	175	$\frac{3}{35}$	$\frac{16}{175}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{175}^{10}\ \Phi_{35}^5\ \Phi_{25}^{10}\ \Phi_7^7\ \Phi_5^5\ \Phi_1^8$
114214	1590	870	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{28}{145}$	$\frac{39}{145}$	$\Phi_{870}^2\ \Phi_{435}^2\ \Phi_{290}^2\ \Phi_{174}^3\ \Phi_{87}^3\ \Phi_{58}^3\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
114215	1590	2232	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{558}\ \Phi_{279}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
114216	1590	708	$\frac{1}{59}$	$\frac{29}{118}$	$\frac{1}{4}$	$\frac{89}{354}$	$\Phi_{708}^4\ \Phi_{354}^2\ \Phi_{236}\ \Phi_{177}^2\ \Phi_{118}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
114217	1590	616	$\frac{3}{56}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{616}^3\ \Phi_{308}^3\ \Phi_{154}^3\ \Phi_{88}^3\ \Phi_{77}^3\ \Phi_{44}\ \Phi_{22}$
114218	1590	420	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{17}{70}$	$\frac{1}{4}$	$\Phi_{420}^6\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^6\ \Phi_{70}^2\ \Phi_{60}^6\ \Phi_{42}^3\ \Phi_{35}\ \Phi_{30}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}^8\ \Phi_{10}^2\ \Phi_7\ \Phi_6^4\ \Phi_5\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
114219	1590	2288	$\frac{3}{52}$	$\frac{1}{11}$	$\frac{49}{208}$	$\frac{1}{4}$	$\Phi_{2288}\ \Phi_{1144}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
114220	1590	660	$\frac{2}{55}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{660}^4\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^4\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
114221	1590	2860	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{12}{65}$	$\frac{1}{4}$	$\Phi_{2860}\ \Phi_{1430}\ \Phi_{220}\ \Phi_{110}\ \Phi_{44}\ \Phi_{22}$
114222	1590	1624	$\frac{3}{56}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\Phi_{1624}\ \Phi_{812}\ \Phi_{406}\ \Phi_{232}\ \Phi_{203}\ \Phi_{56}^2\ \Phi_{29}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_1^2$
114223	1590	252	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{252}^{10}\ \Phi_{126}^4\ \Phi_{84}^5\ \Phi_{63}^6\ \Phi_{42}^2\ \Phi_{36}^{10}\ \Phi_{28}^5\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_{12}^7\ \Phi_9^6\ \Phi_7^3\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
114224	1590	168	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{168}^{12}\ \Phi_{84}^{10}\ \Phi_{56}^6\ \Phi_{42}^{11}\ \Phi_{28}^5\ \Phi_{24}^{12}\ \Phi_{21}^{11}\ \Phi_{14}^6\ \Phi_{12}^{12}\ \Phi_8^6\ \Phi_7^5\ \Phi_6^{12}\ \Phi_4^6\ \Phi_3^{12}\ \Phi_2^6\ \Phi_1^6$
114225	1590	60	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{60}^{25}\ \Phi_{30}^{28}\ \Phi_{20}^{25}\ \Phi_{15}^{27}\ \Phi_{12}^{27}\ \Phi_{10}^{28}\ \Phi_6^{29}\ \Phi_5^{27}\ \Phi_4^{26}\ \Phi_3^{28}\ \Phi_2^{28}\ \Phi_1^{28}$
114226	1590	528	$\frac{1}{11}$	$\frac{17}{176}$	$\frac{1}{6}$	$\frac{5}{22}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{176}^2\ \Phi_{132}^4\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{48}^4\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{24}^4\ \Phi_{22}\ \Phi_{16}^2\ \Phi_{12}^4\ \Phi_8^2\ \Phi_4^2$
114227	1590	56	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{56}^{28}\ \Phi_{28}^{28}\ \Phi_{14}^{30}\ \Phi_8^{28}\ \Phi_7^{29}\ \Phi_4^{28}\ \Phi_2^{30}\ \Phi_1^{30}$
114228	1590	196	$\frac{11}{196}$	$\frac{1}{7}$	$\frac{37}{196}$	$\frac{3}{14}$	$\Phi_{196}^8\ \Phi_{98}^8\ \Phi_{49}^8\ \Phi_{28}^8\ \Phi_{14}^{10}\ \Phi_7^9\ \Phi_4^8\ \Phi_2^{10}\ \Phi_1^{10}$
114229	1590	896	$\frac{11}{112}$	$\frac{101}{896}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{896}^2\ \Phi_{448}^2\ \Phi_{224}^2\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
114230	1590	294	$\frac{29}{294}$	$\frac{11}{98}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{294}^6\ \Phi_{147}^6\ \Phi_{98}^4\ \Phi_{49}^4\ \Phi_{42}^6\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
114231	1590	336	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{84}$	$\frac{71}{336}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{56}^6\ \Phi_{48}^6\ \Phi_{24}^6\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
114232	1590	2200	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{200}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
114233	1590	1885	$\frac{1}{13}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{12}{65}$	$\Phi_{1885}\ \Phi_{145}\ \Phi_{65}^2\ \Phi_{29}\ \Phi_5^2\ \Phi_1^2$
114234	1590	2730	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{12}{65}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{910}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
114235	1590	2310	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{6}$	$\frac{67}{385}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{110}\ \Phi_{105}\ \Phi_{70}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{10}$
114236	1591	2544	$\frac{1}{318}$	$\frac{319}{1272}$	$\frac{953}{2544}$	$\frac{317}{636}$	$\Phi_{2544}\ \Phi_{848}\ \Phi_{636}\ \Phi_{212}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
114237	1591	2124	$\frac{2}{531}$	$\frac{533}{2124}$	$\frac{1}{3}$	$\frac{529}{1062}$	$\Phi_{2124}\ \Phi_{708}\ \Phi_{531}\ \Phi_{236}\ \Phi_{177}\ \Phi_{59}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
114238	1591	3168	$\frac{7}{1584}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1577}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$
114239	1591	3168	$\frac{7}{1584}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1577}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_9\ \Phi_1$
114240	1591	3160	$\frac{11}{1580}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1569}{3160}$	$\Phi_{3160}\ \Phi_{632}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
114241	1591	2968	$\frac{1}{106}$	$\frac{107}{1484}$	$\frac{1377}{2968}$	$\frac{105}{212}$	$\Phi_{2968}\ \Phi_{424}\ \Phi_{212}\ \Phi_{56}\ \Phi_8\ \Phi_4\ \Phi_1$
114242	1591	1770	$\frac{2}{177}$	$\frac{179}{1770}$	$\frac{1}{3}$	$\frac{175}{354}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{590}\ \Phi_{295}\ \Phi_{177}\ \Phi_{59}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
114243	1591	3132	$\frac{25}{1566}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1541}{3132}$	$\Phi_{3132}\ \Phi_{1044}\ \Phi_{348}\ \Phi_{116}\ \Phi_{108}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
114244	1591	3120	$\frac{31}{1560}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{1529}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
114245	1591	3120	$\frac{31}{1560}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1529}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
114246	1591	1824	$\frac{5}{228}$	$\frac{233}{1824}$	$\frac{1}{6}$	$\frac{223}{456}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{304}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
114247	1591	504	$\frac{1}{42}$	$\frac{1}{36}$	$\frac{35}{72}$	$\frac{41}{84}$	$\Phi_{504}^6\ \Phi_{168}^6\ \Phi_{84}\ \Phi_{72}^7\ \Phi_{56}^6\ \Phi_{28}\ \Phi_{24}^7\ \Phi_{12}\ \Phi_8^7\ \Phi_4\ \Phi_1$
114248	1591	1092	$\frac{1}{42}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{1092}^3\ \Phi_{364}^3\ \Phi_{156}^3\ \Phi_{84}\ \Phi_{52}^3\ \Phi_{39}\ \Phi_{28}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
114249	1591	756	$\frac{1}{42}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{41}{84}$	$\Phi_{756}^6\ \Phi_{108}^6\ \Phi_{84}\ \Phi_{54}\ \Phi_{28}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
114250	1591	840	$\frac{1}{42}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{41}{84}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
114251	1591	336	$\frac{1}{42}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{41}{84}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{84}\ \Phi_{56}^6\ \Phi_{48}^7\ \Phi_{28}\ \Phi_{24}^7\ \Phi_{16}^7\ \Phi_{12}\ \Phi_8^7\ \Phi_4\ \Phi_1$
114252	1591	1260	$\frac{1}{42}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{41}{84}$	$\Phi_{1260}^3\ \Phi_{420}^3\ \Phi_{180}^3\ \Phi_{140}^3\ \Phi_{84}\ \Phi_{60}^3\ \Phi_{45}\ \Phi_{28}\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
114253	1591	84	$\frac{1}{42}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{41}{84}$	$\Phi_{84}^{37}\ \Phi_{42}\ \Phi_{28}^{37}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^{37}\ \Phi_{7}\ \Phi_{4}^{37}\ \Phi_{1}$
114254	1591	3100	$\frac{41}{1550}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1509}{3100}$	$\Phi_{3100}\ \Phi_{620}\ \Phi_{124}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
114255	1591	1740	$\frac{4}{145}$	$\frac{149}{1740}$	$\frac{1}{5}$	$\frac{141}{290}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{174}\ \Phi_{145}\ \Phi_{116}\ \Phi_{87}\ \Phi_{60}\ \Phi_{30}\ \Phi_{29}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
114256	1591	360	$\frac{1}{36}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{360}^{9}\ \Phi_{120}^{9}\ \Phi_{72}^{7}\ \Phi_{45}\ \Phi_{40}^{9}\ \Phi_{24}^{7}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}^{7}\ \Phi_{5}\ \Phi_{1}$
114257	1591	504	$\frac{1}{36}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{35}{72}$	$\Phi_{504}^{6}\ \Phi_{168}^{6}\ \Phi_{72}^{7}\ \Phi_{63}\ \Phi_{56}^{6}\ \Phi_{24}^{7}\ \Phi_{9}\ \Phi_{8}^{7}\ \Phi_{1}$
114258	1591	504	$\frac{1}{36}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{35}{72}$	$\Phi_{504}^{2}\ \Phi_{252}^{4}\ \Phi_{168}^{2}\ \Phi_{126}^{4}\ \Phi_{84}^{4}\ \Phi_{72}^{3}\ \Phi_{63}^{4}\ \Phi_{56}^{3}\ \Phi_{42}^{4}\ \Phi_{36}^{4}\ \Phi_{28}^{5}\ \Phi_{24}^{3}\ \Phi_{21}^{4}\ \Phi_{18}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
114259	1591	144	$\frac{1}{36}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{35}{72}$	$\Phi_{144}^{12}\ \Phi_{72}^{7}\ \Phi_{48}^{13}\ \Phi_{36}^{12}\ \Phi_{24}^{8}\ \Phi_{18}^{12}\ \Phi_{16}^{13}\ \Phi_{12}^{13}\ \Phi_{9}^{12}\ \Phi_{8}^{8}\ \Phi_{6}^{12}\ \Phi_{4}^{13}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
114260	1591	3528	$\frac{1}{36}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{35}{72}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{392}\ \Phi_{72}\ \Phi_{49}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
114261	1591	1920	$\frac{9}{320}$	$\frac{1}{10}$	$\frac{329}{1920}$	$\frac{311}{640}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
114262	1591	3080	$\frac{51}{1540}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1489}{3080}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{88}\ \Phi_{56}\ \Phi_{55}\ \Phi_{40}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
114263	1591	2340	$\frac{1}{30}$	$\frac{31}{780}$	$\frac{749}{2340}$	$\frac{29}{60}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{234}\ \Phi_{180}\ \Phi_{117}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
114264	1591	1680	$\frac{1}{30}$	$\frac{89}{1680}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
114265	1591	3060	$\frac{1}{30}$	$\frac{61}{1530}$	$\frac{29}{90}$	$\frac{1469}{3060}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{204}\ \Phi_{180}\ \Phi_{90}\ \Phi_{68}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
114266	1591	3040	$\frac{71}{1520}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1449}{3040}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
114267	1591	3024	$\frac{79}{1512}$	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1433}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
114268	1591	2160	$\frac{1}{30}$	$\frac{29}{540}$	$\frac{569}{2160}$	$\frac{511}{1080}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{54}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
114269	1591	1680	$\frac{89}{1680}$	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{79}{168}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
114270	1591	3000	$\frac{91}{1500}$	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1409}{3000}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{200}\ \Phi_{120}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
114271	1591	45	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{45}^{35}\ \Phi_{15}^{36}\ \Phi_{9}^{35}\ \Phi_{5}^{36}\ \Phi_{3}^{36}\ \Phi_{1}^{37}$
114272	1591	1650	$\frac{59}{1650}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{330}\ \Phi_{275}\ \Phi_{165}\ \Phi_{150}\ \Phi_{75}\ \Phi_{66}\ \Phi_{55}\ \Phi_{50}\ \Phi_{33}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
114273	1591	2964	$\frac{5}{114}$	$\frac{109}{1482}$	$\frac{1}{6}$	$\frac{1373}{2964}$	$\Phi_{2964}\ \Phi_{988}\ \Phi_{228}\ \Phi_{156}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{52}\ \Phi_{38}\ \Phi_{19}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
114274	1591	1620	$\frac{29}{1620}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
114275	1591	1520	$\frac{1}{38}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{1520}^{2}\ \Phi_{304}^{2}\ \Phi_{80}\ \Phi_{76}^{2}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
114276	1591	2900	$\frac{4}{145}$	$\frac{141}{1450}$	$\frac{1}{5}$	$\frac{1309}{2900}$	$\Phi_{2900}\ \Phi_{580}\ \Phi_{145}\ \Phi_{116}\ \Phi_{100}\ \Phi_{29}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
114277	1591	2880	$\frac{1}{30}$	$\frac{151}{1440}$	$\frac{29}{180}$	$\frac{1289}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{180}\ \Phi_{90}\ \Phi_{64}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
114278	1591	2880	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{151}{1440}$	$\frac{1289}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
114279	1591	2832	$\frac{2}{177}$	$\frac{175}{1416}$	$\frac{1}{3}$	$\frac{1241}{2832}$	$\Phi_{2832}\ \Phi_{944}\ \Phi_{177}\ \Phi_{59}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
114280	1591	2800	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{191}{1400}$	$\frac{1209}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{200}\ \Phi_{112}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
114281	1591	1800	$\frac{1}{30}$	$\frac{209}{1800}$	$\frac{29}{180}$	$\frac{151}{360}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
114282	1591	2736	$\frac{5}{228}$	$\frac{223}{1368}$	$\frac{1}{6}$	$\frac{1145}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{304}\ \Phi_{228}\ \Phi_{144}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
114283	1591	2376	$\frac{7}{792}$	$\frac{1}{6}$	$\frac{785}{2376}$	$\frac{5}{12}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
114284	1591	1608	$\frac{17}{1608}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1608}\ \Phi_{804}\ \Phi_{536}\ \Phi_{402}\ \Phi_{268}\ \Phi_{201}\ \Phi_{134}\ \Phi_{67}\ \Phi_{12}\ \Phi_4\ \Phi_1$
114285	1591	2112	$\frac{7}{528}$	$\frac{1}{6}$	$\frac{521}{2112}$	$\frac{5}{12}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$
114286	1591	1980	$\frac{7}{396}$	$\frac{1}{6}$	$\frac{389}{1980}$	$\frac{5}{12}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
114287	1591	1620	$\frac{29}{1620}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
114288	1591	1632	$\frac{41}{1632}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{96}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
114289	1591	1848	$\frac{7}{264}$	$\frac{257}{1848}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{84}\ \Phi_{77}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
114290	1591	1656	$\frac{65}{1656}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_{12}\ \Phi_4\ \Phi_1$
114291	1591	1728	$\frac{7}{144}$	$\frac{137}{1728}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
114292	1591	1716	$\frac{7}{132}$	$\frac{125}{1716}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{286}\ \Phi_{156}\ \Phi_{143}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
114293	1591	2700	$\frac{1}{30}$	$\frac{29}{270}$	$\frac{241}{1350}$	$\frac{1109}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{100}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
114294	1591	1602	$\frac{11}{1602}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1602}\ \Phi_{801}\ \Phi_{534}\ \Phi_{267}\ \Phi_{178}\ \Phi_{89}\ \Phi_9\ \Phi_1$
114295	1591	180	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{180}^{15}\ \Phi_{60}^{13}\ \Phi_{45}^{7}\ \Phi_{36}^{15}\ \Phi_{20}^{13}\ \Phi_{15}^{6}\ \Phi_{12}^{13}\ \Phi_{9}^{7}\ \Phi_{5}^{6}\ \Phi_{4}^{13}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
114296	1591	2560	$\frac{9}{320}$	$\frac{1}{10}$	$\frac{311}{1280}$	$\frac{969}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
114297	1591	912	$\frac{1}{38}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{912}^{2}\ \Phi_{456}^{2}\ \Phi_{304}^{2}\ \Phi_{228}^{2}\ \Phi_{114}^{2}\ \Phi_{76}^{2}\ \Phi_{57}^{2}\ \Phi_{48}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
114298	1591	2544	$\frac{1}{106}$	$\frac{105}{424}$	$\frac{319}{1272}$	$\frac{953}{2544}$	$\Phi_{2544}\ \Phi_{848}\ \Phi_{424}\ \Phi_{212}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
114299	1591	1254	$\frac{1}{38}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}^{2}\ \Phi_{209}^{2}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}\ \Phi_{33}\ \Phi_{22}\ \Phi_{19}\ \Phi_{11}\ \Phi_3\ \Phi_1$
114300	1591	2400	$\frac{9}{400}$	$\frac{1}{10}$	$\frac{391}{1200}$	$\frac{809}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{96}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
114301	1591	585	$\frac{2}{45}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{585}^{3}\ \Phi_{195}^{3}\ \Phi_{117}^{3}\ \Phi_{65}^{3}\ \Phi_{45}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_9\ \Phi_5\ \Phi_1$
114302	1591	2376	$\frac{7}{792}$	$\frac{2}{9}$	$\frac{785}{2376}$	$\frac{1}{3}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
114303	1591	2349	$\frac{25}{783}$	$\frac{2}{27}$	$\frac{758}{2349}$	$\frac{1}{3}$	$\Phi_{2349}\ \Phi_{81}\ \Phi_{27}\ \Phi_9\ \Phi_1$
114304	1591	819	$\frac{1}{21}$	$\frac{2}{39}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{819}^{3}\ \Phi_{117}^{3}\ \Phi_{63}\ \Phi_{39}\ \Phi_{13}\ \Phi_9\ \Phi_1$
114305	1591	270	$\frac{2}{45}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{270}^{9}\ \Phi_{135}^{9}\ \Phi_{54}^{7}\ \Phi_{45}\ \Phi_{27}^{7}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
114306	1591	2124	$\frac{2}{177}$	$\frac{175}{708}$	$\frac{533}{2124}$	$\frac{1}{3}$	$\Phi_{2124}\ \Phi_{1062}\ \Phi_{531}\ \Phi_{177}\ \Phi_{59}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
114307	1591	360	$\frac{2}{45}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{360}^{5}\ \Phi_{180}^{4}\ \Phi_{120}^{4}\ \Phi_{90}^{4}\ \Phi_{72}^{5}\ \Phi_{60}^{3}\ \Phi_{45}^{5}\ \Phi_{40}^{5}\ \Phi_{36}^{4}\ \Phi_{30}^{3}\ \Phi_{24}^{4}\ \Phi_{20}^{4}\ \Phi_{18}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
114308	1591	2184	$\frac{2}{39}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{364}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{56}\ \Phi_{52}\ \Phi_{39}\ \Phi_{28}\ \Phi_{13}\ \Phi_8\ \Phi_4\ \Phi_1$
114309	1591	720	$\frac{2}{45}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{3}\ \Phi_{144}^{3}\ \Phi_{120}^{3}\ \Phi_{80}^{3}\ \Phi_{72}^{3}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}^{3}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
114310	1591	1980	$\frac{7}{396}$	$\frac{389}{1980}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
114311	1591	1620	$\frac{29}{1620}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
114312	1591	1782	$\frac{7}{198}$	$\frac{191}{1782}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
114313	1591	1656	$\frac{65}{1656}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
114314	1591	1728	$\frac{7}{144}$	$\frac{137}{1728}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
114315	1591	1683	$\frac{92}{1683}$	$\frac{7}{99}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}\ \Phi_{51}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
114316	1591	45	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{45}^{35}\ \Phi_{15}^{35}\ \Phi_{9}^{37}\ \Phi_{5}^{35}\ \Phi_{3}^{36}\ \Phi_{1}^{37}$
114317	1591	630	$\frac{2}{45}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}^{3}\ \Phi_{126}^{3}\ \Phi_{105}^{3}\ \Phi_{70}^{3}\ \Phi_{63}^{3}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}^{3}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
114318	1591	624	$\frac{2}{39}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{624}^{3}\ \Phi_{312}^{3}\ \Phi_{208}^{3}\ \Phi_{156}^{3}\ \Phi_{104}^{3}\ \Phi_{52}^{3}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
114319	1591	1911	$\frac{2}{39}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1911}\ \Phi_{637}\ \Phi_{49}\ \Phi_{39}\ \Phi_{13}\ \Phi_{1}$
114320	1591	2052	$\frac{5}{228}$	$\frac{1}{6}$	$\frac{461}{2052}$	$\frac{223}{684}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{513}\ \Phi_{228}\ \Phi_{114}\ \Phi_{108}\ \Phi_{76}\ \Phi_{57}\ \Phi_{54}\ \Phi_{38}\ \Phi_{27}\ \Phi_{19}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
114321	1591	378	$\frac{1}{21}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{20}{63}$	$\Phi_{378}^{6}\ \Phi_{189}^{6}\ \Phi_{63}\ \Phi_{54}^{7}\ \Phi_{27}^{7}\ \Phi_{9}\ \Phi_{1}$
114322	1591	2520	$\frac{1}{21}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{20}{63}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{63}\ \Phi_{45}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
114323	1591	1008	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{20}{63}$	$\Phi_{1008}^{3}\ \Phi_{504}^{3}\ \Phi_{144}^{3}\ \Phi_{72}^{3}\ \Phi_{63}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
114324	1591	315	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{20}{63}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{63}\ \Phi_{45}^{7}\ \Phi_{35}^{6}\ \Phi_{15}^{7}\ \Phi_{9}\ \Phi_{5}^{7}\ \Phi_{1}$
114325	1591	126	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{20}{63}$	$\Phi_{126}^{18}\ \Phi_{63}^{19}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}^{18}\ \Phi_{14}\ \Phi_{9}^{19}\ \Phi_{7}\ \Phi_{1}$
114326	1591	1512	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{17}{54}$	$\Phi_{1512}^{2}\ \Phi_{756}^{2}\ \Phi_{216}^{2}\ \Phi_{108}^{2}\ \Phi_{56}\ \Phi_{54}\ \Phi_{28}\ \Phi_{27}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
114327	1591	432	$\frac{1}{18}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{17}{54}$	$\Phi_{432}^{6}\ \Phi_{216}^{6}\ \Phi_{108}^{6}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
114328	1591	2646	$\frac{1}{18}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{17}{54}$	$\Phi_{2646}\ \Phi_{1323}\ \Phi_{54}\ \Phi_{49}\ \Phi_{27}\ \Phi_{1}$
114329	1591	1920	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{329}{1920}$	$\frac{151}{480}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
114330	1591	1764	$\frac{5}{84}$	$\frac{173}{1764}$	$\frac{1}{6}$	$\frac{79}{252}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{49}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
114331	1591	2310	$\frac{51}{770}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{719}{2310}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{105}\ \Phi_{66}\ \Phi_{55}\ \Phi_{42}\ \Phi_{33}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
114332	1591	1800	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{209}{1800}$	$\frac{91}{300}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
114333	1591	2268	$\frac{5}{84}$	$\frac{79}{756}$	$\frac{1}{6}$	$\frac{677}{2268}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{162}\ \Phi_{84}\ \Phi_{81}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
114334	1591	315	$\frac{2}{45}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{315}^{5}\ \Phi_{105}^{4}\ \Phi_{63}^{5}\ \Phi_{45}^{7}\ \Phi_{35}^{5}\ \Phi_{21}^{4}\ \Phi_{15}^{6}\ \Phi_{9}^{7}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
114335	1591	1140	$\frac{1}{38}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{1140}^{2}\ \Phi_{570}^{2}\ \Phi_{285}^{2}\ \Phi_{228}^{2}\ \Phi_{114}^{2}\ \Phi_{76}^{2}\ \Phi_{60}\ \Phi_{57}^{2}\ \Phi_{38}\ \Phi_{30}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
114336	1591	2175	$\frac{4}{145}$	$\frac{141}{725}$	$\frac{1}{5}$	$\frac{584}{2175}$	$\Phi_{2175}\ \Phi_{435}\ \Phi_{145}\ \Phi_{87}\ \Phi_{75}\ \Phi_{29}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
114337	1591	2160	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{151}{720}$	$\frac{569}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
114338	1591	1680	$\frac{89}{1680}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
114339	1591	280	$\frac{1}{14}$	$\frac{3}{40}$	$\frac{13}{56}$	$\frac{1}{4}$	$\Phi_{280}^{6}\ \Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{56}^{3}\ \Phi_{40}^{7}\ \Phi_{35}^{6}\ \Phi_{28}^{5}\ \Phi_{20}^{7}\ \Phi_{14}^{4}\ \Phi_{10}^{7}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{7}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
114340	1591	240	$\frac{3}{40}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{240}^{8}\ \Phi_{120}^{6}\ \Phi_{80}^{8}\ \Phi_{60}^{6}\ \Phi_{48}^{5}\ \Phi_{40}^{7}\ \Phi_{30}^{6}\ \Phi_{24}^{3}\ \Phi_{20}^{7}\ \Phi_{16}^{5}\ \Phi_{15}^{6}\ \Phi_{12}^{5}\ \Phi_{10}^{7}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{7}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
114341	1591	1960	$\frac{3}{40}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{245}\ \Phi_{49}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
114342	1591	2080	$\frac{31}{520}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{489}{2080}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{416}\ \Phi_{208}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
114343	1591	336	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{13}{56}$	$\Phi_{336}^{6}\ \Phi_{168}^{2}\ \Phi_{112}^{6}\ \Phi_{84}^{4}\ \Phi_{56}^{3}\ \Phi_{48}^{7}\ \Phi_{42}^{4}\ \Phi_{28}^{5}\ \Phi_{24}^{3}\ \Phi_{21}^{4}\ \Phi_{16}^{7}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
114344	1591	2520	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{13}{56}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{180}\ \Phi_{140}\ \Phi_{120}\ \Phi_{60}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
114345	1591	168	$\frac{1}{14}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{13}{56}$	$\Phi_{168}^{12}\ \Phi_{84}^{12}\ \Phi_{56}^{13}\ \Phi_{42}\ \Phi_{28}^{13}\ \Phi_{24}^{12}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^{12}\ \Phi_{8}^{13}\ \Phi_{7}\ \Phi_{4}^{13}\ \Phi_{1}$
114346	1591	1760	$\frac{4}{55}$	$\frac{169}{1760}$	$\frac{1}{5}$	$\frac{51}{220}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
114347	1591	48	$\frac{1}{12}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{11}{48}$	$\Phi_{48}^{32}\ \Phi_{24}^{32}\ \Phi_{16}^{32}\ \Phi_{12}^{37}\ \Phi_{8}^{32}\ \Phi_{6}^{36}\ \Phi_{4}^{37}\ \Phi_{3}^{36}\ \Phi_{2}^{36}\ \Phi_{1}^{37}$
114348	1591	2352	$\frac{1}{12}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{11}{48}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{784}\ \Phi_{392}\ \Phi_{49}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
114349	1591	2016	$\frac{5}{84}$	$\frac{79}{504}$	$\frac{1}{6}$	$\frac{425}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
114350	1591	2000	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{500}$	$\frac{409}{2000}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
114351	1591	1925	$\frac{4}{55}$	$\frac{51}{385}$	$\frac{334}{1925}$	$\frac{1}{5}$	$\Phi_{1925}\ \Phi_{275}\ \Phi_{175}\ \Phi_{55}\ \Phi_{25}\ \Phi_{11}\ \Phi_{1}$
114352	1591	720	$\frac{5}{48}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{45}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{3}\ \Phi_{80}^{3}\ \Phi_{60}^{3}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}^{3}\ \Phi_{24}\ \Phi_{20}^{3}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
114353	1591	2205	$\frac{1}{9}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{8}{45}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{245}\ \Phi_{49}\ \Phi_{45}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
114354	1591	336	$\frac{5}{48}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{336}^{6}\ \Phi_{168}^{6}\ \Phi_{112}^{6}\ \Phi_{84}^{6}\ \Phi_{56}^{6}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}^{6}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
114355	1591	294	$\frac{5}{42}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{294}^{6}\ \Phi_{147}^{6}\ \Phi_{98}^{6}\ \Phi_{49}^{7}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
114356	1592	1191	$\frac{1}{397}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{198}{397}$	$\Phi_{1191}\ \Phi_{397}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
114357	1592	1591	$\frac{5}{1591}$	$\frac{399}{1591}$	$\frac{596}{1591}$	$\frac{793}{1591}$	$\Phi_{1591}\ \Phi_{43}\ \Phi_{37}\ \Phi_{1}^{2}$
114358	1592	2391	$\frac{3}{797}$	$\frac{200}{797}$	$\frac{1}{3}$	$\frac{397}{797}$	Φ_{2391}
114359	1592	2772	$\frac{1}{198}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{197}{396}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}^{2}\ \Phi_{308}\ \Phi_{252}\ \Phi_{132}^{2}\ \Phi_{84}\ \Phi_{44}^{2}\ \Phi_{36}^{2}\ \Phi_{28}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
114360	1592	1980	$\frac{1}{198}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{197}{396}$	$\Phi_{1980}^{2}\ \Phi_{660}^{2}\ \Phi_{220}^{2}\ \Phi_{180}^{2}\ \Phi_{60}^{2}\ \Phi_{20}^{2}\ \Phi_{15}$
114361	1592	1330	$\frac{1}{133}$	$\frac{1}{5}$	$\frac{67}{266}$	$\frac{66}{133}$	$\Phi_{1330}^{2}\ \Phi_{665}\ \Phi_{190}^{2}\ \Phi_{95}\ \Phi_{70}^{2}\ \Phi_{35}\ \Phi_{10}^{2}$
114362	1592	3528	$\frac{3}{196}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{193}{392}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{168}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
114363	1592	1960	$\frac{3}{196}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{193}{392}$	$\Phi_{1960}^{2}\ \Phi_{280}^{2}\ \Phi_{40}^{2}\ \Phi_{35}$
114364	1592	1140	$\frac{1}{57}$	$\frac{29}{228}$	$\frac{1}{5}$	$\frac{28}{57}$	$\Phi_{1140}^{2}\ \Phi_{570}^{2}\ \Phi_{380}^{2}\ \Phi_{285}\ \Phi_{190}^{2}\ \Phi_{95}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{10}^{2}$
114365	1592	1170	$\frac{4}{195}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{191}{390}$	$\Phi_{1170}^{3}\ \Phi_{390}^{2}\ \Phi_{234}^{3}\ \Phi_{130}^{2}\ \Phi_{90}^{3}\ \Phi_{78}^{2}\ \Phi_{45}\ \Phi_{30}^{2}\ \Phi_{26}^{2}\ \Phi_{18}^{3}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
114366	1592	387	$\frac{1}{43}$	$\frac{11}{387}$	$\frac{188}{387}$	$\frac{21}{43}$	$\Phi_{387}^{4}\ \Phi_{129}^{4}\ \Phi_{43}^{5}\ \Phi_{9}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
114367	1592	1161	$\frac{1}{43}$	$\frac{22}{387}$	$\frac{365}{1161}$	$\frac{21}{43}$	$\Phi_{1161}^{2}\ \Phi_{43}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$
114368	1592	215	$\frac{1}{43}$	$\frac{16}{215}$	$\frac{11}{43}$	$\frac{21}{43}$	$\Phi_{215}^{8}\ \Phi_{43}^{5}\ \Phi_{5}^{8}\ \Phi_{1}^{6}$
114369	1592	258	$\frac{1}{43}$	$\frac{11}{129}$	$\frac{59}{258}$	$\frac{21}{43}$	$\Phi_{258}^{8}\ \Phi_{129}^{4}\ \Phi_{86}^{8}\ \Phi_{43}^{5}\ \Phi_{6}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
114370	1592	903	$\frac{1}{43}$	$\frac{107}{903}$	$\frac{22}{129}$	$\frac{21}{43}$	$\Phi_{903}^{2}\ \Phi_{301}^{2}\ \Phi_{43}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
114371	1592	777	$\frac{19}{777}$	$\frac{1}{37}$	$\frac{18}{37}$	$\frac{379}{777}$	$\Phi_{777}^{2}\ \Phi_{259}^{2}\ \Phi_{111}^{2}\ \Phi_{37}^{3}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
114372	1592	720	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{41}{240}$	$\frac{39}{80}$	$\Phi_{720}^{2}\ \Phi_{360}^{3}\ \Phi_{240}\ \Phi_{180}^{3}\ \Phi_{144}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{3}\ \Phi_{80}^{2}\ \Phi_{72}^{3}\ \Phi_{60}^{2}\ \Phi_{48}\ \Phi_{45}^{3}\ \Phi_{40}^{2}\ \Phi_{36}^{3}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{3}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
114373	1592	259	$\frac{1}{37}$	$\frac{19}{259}$	$\frac{60}{259}$	$\frac{18}{37}$	$\Phi_{259}^{6}\ \Phi_{37}^{7}\ \Phi_{7}^{6}\ \Phi_{1}^{8}$
114374	1592	222	$\frac{1}{37}$	$\frac{23}{222}$	$\frac{19}{111}$	$\frac{18}{37}$	$\Phi_{222}^{8}\ \Phi_{111}^{6}\ \Phi_{74}^{8}\ \Phi_{37}^{7}\ \Phi_{6}^{8}\ \Phi_{3}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
114375	1592	387	$\frac{11}{387}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{188}{387}$	$\Phi_{387}^{4}\ \Phi_{129}^{4}\ \Phi_{43}^{5}\ \Phi_{9}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
114376	1592	1152	$\frac{7}{192}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{185}{384}$	$\Phi_{1152}^{3}\ \Phi_{384}^{2}\ \Phi_{128}^{2}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
114377	1592	380	$\frac{9}{190}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{181}{380}$	$\Phi_{380}^{8}\ \Phi_{95}\ \Phi_{76}^{8}\ \Phi_{20}^{8}\ \Phi_{4}^{8}$
114378	1592	3420	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{181}{380}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{228}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
114379	1592	210	$\frac{1}{21}$	$\frac{11}{210}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{210}^8\ \Phi_{105}^7\ \Phi_{70}^8\ \Phi_{42}^8\ \Phi_{35}^7\ \Phi_{30}^8\ \Phi_{21}^8\ \Phi_{15}^7\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_{7}^8\ \Phi_{6}^8\ \Phi_{5}^6\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^8$
114380	1592	1045	$\frac{10}{209}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{1045}^2\ \Phi_{95}\ \Phi_{55}^2$
114381	1592	1890	$\frac{1}{21}$	$\frac{10}{189}$	$\frac{1}{5}$	$\frac{179}{378}$	$\Phi_{1890}^2\ \Phi_{630}^2\ \Phi_{270}^2\ \Phi_{210}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
114382	1592	370	$\frac{1}{37}$	$\frac{14}{185}$	$\frac{9}{37}$	$\frac{171}{370}$	$\Phi_{370}^8\ \Phi_{74}^8\ \Phi_{37}^3\ \Phi_{10}^8\ \Phi_{2}^8\ \Phi_{1}^4$
114383	1592	360	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{1}{9}$	$\frac{161}{360}$	$\Phi_{360}^8\ \Phi_{180}\ \Phi_{120}^8\ \Phi_{90}\ \Phi_{72}^8\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}^8\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}^8\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}^8\ \Phi_{6}$
114384	1592	1872	$\frac{9}{208}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}\ \Phi_{39}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
114385	1592	3150	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{24}{175}$	$\frac{151}{350}$	$\Phi_{3150}\ \Phi_{1050}\ \Phi_{630}\ \Phi_{450}\ \Phi_{225}\ \Phi_{210}\ \Phi_{150}\ \Phi_{126}\ \Phi_{90}\ \Phi_{75}\ \Phi_{45}\ \Phi_{42}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
114386	1592	1407	$\frac{2}{201}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{201}^2\ \Phi_{67}^2\ \Phi_{7}\ \Phi_{1}^2$
114387	1592	2079	$\frac{1}{99}$	$\frac{1}{7}$	$\frac{98}{297}$	$\frac{3}{7}$	$\Phi_{2079}\ \Phi_{297}^2\ \Phi_{189}\ \Phi_{27}^2\ \Phi_{7}\ \Phi_{1}^2$
114388	1592	1848	$\frac{1}{66}$	$\frac{1}{7}$	$\frac{65}{264}$	$\frac{3}{7}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}^2\ \Phi_{168}\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{84}\ \Phi_{56}\ \Phi_{44}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
114389	1592	1015	$\frac{4}{203}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1015}^2\ \Phi_{145}^2\ \Phi_{35}$
114390	1592	1428	$\frac{5}{204}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{238}\ \Phi_{204}^2\ \Phi_{119}\ \Phi_{102}^2\ \Phi_{84}\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{28}\ \Phi_{17}^2\ \Phi_{12}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
114391	1592	231	$\frac{1}{33}$	$\frac{32}{231}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{231}^7\ \Phi_{77}^7\ \Phi_{33}^6\ \Phi_{21}^7\ \Phi_{11}^6\ \Phi_{7}^8\ \Phi_{3}^6\ \Phi_{1}^8$
114392	1592	1449	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}^2\ \Phi_{161}\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_{7}\ \Phi_{1}^2$
114393	1592	1540	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}^2\ \Phi_{140}\ \Phi_{110}^2\ \Phi_{70}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
114394	1592	1463	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1463}\ \Phi_{209}^2\ \Phi_{133}\ \Phi_{19}^2\ \Phi_{7}\ \Phi_{1}^2$
114395	1592	1512	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}^2\ \Phi_{189}\ \Phi_{168}\ \Phi_{108}^2\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{56}\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
114396	1592	1710	$\frac{1}{57}$	$\frac{28}{171}$	$\frac{1}{5}$	$\frac{143}{342}$	$\Phi_{1710}^2\ \Phi_{570}^2\ \Phi_{285}\ \Phi_{190}^2\ \Phi_{95}\ \Phi_{90}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
114397	1592	222	$\frac{1}{37}$	$\frac{23}{222}$	$\frac{9}{37}$	$\frac{14}{37}$	$\Phi_{222}^8\ \Phi_{111}^8\ \Phi_{74}^8\ \Phi_{37}^3\ \Phi_{6}^8\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^4$
114398	1592	2880	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{39}{160}$	$\frac{121}{320}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{360}\ \Phi_{192}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
114399	1592	1221	$\frac{1}{37}$	$\frac{36}{407}$	$\frac{371}{1221}$	$\frac{425}{1221}$	$\Phi_{1221}\ \Phi_{407}^2\ \Phi_{111}\ \Phi_{37}\ \Phi_{33}\ \Phi_{11}^2\ \Phi_{3}\ \Phi_{1}^2$
114400	1592	900	$\frac{1}{50}$	$\frac{1}{9}$	$\frac{49}{150}$	$\frac{101}{300}$	$\Phi_{900}^3\ \Phi_{450}\ \Phi_{300}^2\ \Phi_{225}\ \Phi_{180}^3\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}^2$
114401	1592	600	$\frac{1}{200}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^2\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^2\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2$
114402	1592	1005	$\frac{2}{201}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1005}^2\ \Phi_{335}^2\ \Phi_{15}$
114403	1592	1485	$\frac{1}{99}$	$\frac{1}{5}$	$\frac{98}{297}$	$\frac{1}{3}$	$\Phi_{1485}^2\ \Phi_{135}^2\ \Phi_{15}$
114404	1592	1320	$\frac{1}{66}$	$\frac{1}{5}$	$\frac{65}{264}$	$\frac{1}{3}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{15}$
114405	1592	405	$\frac{7}{405}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^4\ \Phi_{45}^3\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_{9}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{1}^4$
114406	1592	495	$\frac{2}{99}$	$\frac{97}{495}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{495}^3\ \Phi_{165}^3\ \Phi_{99}^4\ \Phi_{55}^3\ \Phi_{45}^3\ \Phi_{33}^4\ \Phi_{15}^4\ \Phi_{11}^4\ \Phi_{9}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{1}^4$
114407	1592	1020	$\frac{5}{204}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}$
114408	1592	1155	$\frac{1}{33}$	$\frac{32}{231}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1155}^2\ \Phi_{385}^2\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{15}$
114409	1592	1035	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1035}^2\ \Phi_{345}^2\ \Phi_{115}^2\ \Phi_{15}$
114410	1592	660	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{660}^4\ \Phi_{330}^3\ \Phi_{165}^3\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{60}^4\ \Phi_{33}^4\ \Phi_{30}^3\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{6}^4\ \Phi_{3}^4$
114411	1592	3135	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3135}\ \Phi_{285}\ \Phi_{15}$
114412	1592	1080	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
114413	1592	2145	$\frac{2}{33}$	$\frac{31}{429}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{195}\ \Phi_{65}\ \Phi_{15}$
114414	1592	2565	$\frac{1}{57}$	$\frac{1}{5}$	$\frac{115}{513}$	$\frac{56}{171}$	$\Phi_{2565}\ \Phi_{285}\ \Phi_{135}\ \Phi_{95}\ \Phi_{15}$
114415	1592	1470	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{95}{294}$	$\Phi_{1470}^2\ \Phi_{735}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{15}^2$
114416	1592	2205	$\frac{1}{21}$	$\frac{43}{441}$	$\frac{1}{5}$	$\frac{20}{63}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{245}\ \Phi_{105}\ \Phi_{35}\ \Phi_{15}$
114417	1592	720	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{41}{240}$	$\frac{19}{60}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^2\ \Phi_{180}\ \Phi_{144}^3\ \Phi_{120}^2\ \Phi_{90}\ \Phi_{80}^2\ \Phi_{72}^3\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_8^2\ \Phi_6$
114418	1592	288	$\frac{7}{96}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{89}{288}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^6\ \Phi_{72}^6\ \Phi_{48}^6\ \Phi_{36}^6\ \Phi_{32}^6\ \Phi_{24}^7\ \Phi_{18}^6\ \Phi_{16}^6\ \Phi_{12}^7\ \Phi_9^5\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
114419	1592	285	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{1}{5}$	$\frac{86}{285}$	$\Phi_{285}^8\ \Phi_{95}\ \Phi_{57}^8\ \Phi_{15}^8\ \Phi_3^8$
114420	1592	2835	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{1}{5}$	$\frac{169}{567}$	$\Phi_{2835}\ \Phi_{405}\ \Phi_{105}\ \Phi_{35}\ \Phi_{15}$
114421	1592	216	$\frac{17}{216}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{216}^8\ \Phi_{108}^8\ \Phi_{72}^6\ \Phi_{54}^8\ \Phi_{36}^6\ \Phi_{27}^8\ \Phi_{24}^7\ \Phi_{18}^6\ \Phi_{12}^7\ \Phi_9^5\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
114422	1592	555	$\frac{1}{37}$	$\frac{28}{185}$	$\frac{9}{37}$	$\frac{157}{555}$	$\Phi_{555}^4\ \Phi_{111}^4\ \Phi_{37}^3\ \Phi_{15}^4\ \Phi_3^4\ \Phi_1^4$
114423	1592	630	$\frac{11}{210}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^2\ \Phi_{126}^3\ \Phi_{105}^2\ \Phi_{90}^3\ \Phi_{70}^2\ \Phi_{63}^3\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_2^2$
114424	1592	215	$\frac{3}{43}$	$\frac{16}{215}$	$\frac{10}{43}$	$\frac{11}{43}$	$\Phi_{215}^8\ \Phi_{43}^5\ \Phi_5^8\ \Phi_1^6$
114425	1592	220	$\frac{3}{55}$	$\frac{21}{220}$	$\frac{13}{55}$	$\frac{1}{4}$	$\Phi_{220}^7\ \Phi_{110}^7\ \Phi_{55}^8\ \Phi_{44}^7\ \Phi_{22}^7\ \Phi_{20}^7\ \Phi_{11}^8\ \Phi_{10}^7\ \Phi_5^8\ \Phi_4^6\ \Phi_2^6\ \Phi_1^8$
114426	1592	2016	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{25}{224}$	$\frac{1}{4}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{168}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
114427	1592	1140	$\frac{1}{19}$	$\frac{29}{228}$	$\frac{1}{5}$	$\frac{9}{38}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{285}^2\ \Phi_{95}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2$
114428	1592	2340	$\frac{4}{65}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{61}{260}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{468}\ \Phi_{390}\ \Phi_{234}\ \Phi_{180}\ \Phi_{156}\ \Phi_{90}\ \Phi_{78}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
114429	1592	258	$\frac{3}{43}$	$\frac{11}{129}$	$\frac{59}{258}$	$\frac{10}{43}$	$\Phi_{258}^8\ \Phi_{129}^4\ \Phi_{86}^8\ \Phi_{43}^5\ \Phi_6^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^6$
114430	1592	2304	$\frac{7}{64}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{57}{256}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
114431	1592	2016	$\frac{1}{9}$	$\frac{25}{224}$	$\frac{1}{8}$	$\frac{7}{32}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
114432	1592	210	$\frac{11}{210}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{210}^8\ \Phi_{105}^8\ \Phi_{70}^6\ \Phi_{42}^8\ \Phi_{35}^7\ \Phi_{30}^8\ \Phi_{21}^8\ \Phi_{15}^8\ \Phi_{14}^8\ \Phi_{10}^6\ \Phi_7^8\ \Phi_6^8\ \Phi_5^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
114433	1592	1260	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{1}{5}$	$\frac{53}{252}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2$
114434	1592	475	$\frac{1}{19}$	$\frac{77}{475}$	$\frac{18}{95}$	$\frac{1}{5}$	$\Phi_{475}^4\ \Phi_{95}\ \Phi_{25}^4$
114435	1592	245	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{46}{245}$	$\frac{1}{5}$	$\Phi_{245}^6\ \Phi_{49}^8\ \Phi_{35}^7\ \Phi_7^8\ \Phi_5^6\ \Phi_1^8$
114436	1592	2205	$\frac{43}{441}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{315}\ \Phi_{105}\ \Phi_{45}\ \Phi_{35}\ \Phi_{15}$
114437	1592	1120	$\frac{3}{28}$	$\frac{25}{224}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{280}^2\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{35}$
114438	1592	720	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{240}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^2\ \Phi_{180}^3\ \Phi_{120}^2\ \Phi_{90}^3\ \Phi_{80}^2\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
114439	1593	2128	$\frac{3}{532}$	$\frac{1}{4}$	$\frac{535}{2128}$	$\frac{529}{1064}$	$\Phi_{2128}\ \Phi_{532}\ \Phi_{304}\ \Phi_{266}\ \Phi_{133}\ \Phi_{112}\ \Phi_{76}\ \Phi_{38}\ \Phi_{28}\ \Phi_{19}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
114440	1593	352	$\frac{1}{176}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{175}{352}$	$\Phi_{352}^9\ \Phi_{32}^9\ \Phi_{16}\ \Phi_1$
114441	1593	352	$\frac{1}{176}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{175}{352}$	$\Phi_{352}^9\ \Phi_{32}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
114442	1593	700	$\frac{2}{175}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{173}{350}$	$\Phi_{700}^3\ \Phi_{175}^3\ \Phi_{140}^3\ \Phi_{100}^3\ \Phi_{35}^3\ \Phi_{28}^4\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{14}\ \Phi_7^3\ \Phi_5^3\ \Phi_4^3\ \Phi_1^3$
114443	1593	608	$\frac{1}{76}$	$\frac{77}{608}$	$\frac{1}{4}$	$\frac{75}{152}$	$\Phi_{608}^3\ \Phi_{304}^3\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{32}^3\ \Phi_{19}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
114444	1593	3136	$\frac{25}{1568}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1543}{3136}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{64}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
114445	1593	3136	$\frac{25}{1568}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1543}{3136}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
114446	1593	1508	$\frac{1}{58}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{57}{116}$	$\Phi_{754}^2\ \Phi_{377}^2\ \Phi_{116}\ \Phi_{58}^2\ \Phi_{52}\ \Phi_{29}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
114447	1593	1508	$\frac{1}{58}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{57}{116}$	$\Phi_{1508}^2\ \Phi_{116}^3\ \Phi_{52}^2\ \Phi_{13}^2\ \Phi_4^3\ \Phi_1^3$
114448	1593	580	$\frac{1}{58}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{57}{116}$	$\Phi_{580}^2\ \Phi_{290}^4\ \Phi_{145}^4\ \Phi_{116}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{20}^4\ \Phi_{10}^5\ \Phi_5^5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
114449	1593	1040	$\frac{11}{520}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{509}{1040}$	$\Phi_{1040}^3\ \Phi_{208}^3\ \Phi_{80}^3\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{10}\ \Phi_5\ \Phi_1$
114450	1593	640	$\frac{7}{320}$	$\frac{1}{8}$	$\frac{109}{640}$	$\frac{313}{640}$	$\Phi_{640}^2\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{128}^2\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
114451	1593	1036	$\frac{13}{518}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{505}{1036}$	$\Phi_{1036}\ \Phi_{518}^2\ \Phi_{259}^2\ \Phi_{148}\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
114452	1593	1596	$\frac{2}{57}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{228}\ \Phi_{133}\ \Phi_{84}^2\ \Phi_{76}\ \Phi_{57}\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{19}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
114453	1593	228	$\frac{2}{57}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{55}{114}$	$\Phi_{228}^9\ \Phi_{76}^{10}\ \Phi_{57}^9\ \Phi_{38}\ \Phi_{19}^9\ \Phi_{12}^9\ \Phi_4^9\ \Phi_3^9\ \Phi_1^9$
114454	1593	560	$\frac{1}{28}$	$\frac{29}{560}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_7^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
114455	1593	1024	$\frac{19}{512}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{493}{1024}$	$\Phi_{1024}^3\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
114456	1593	4524	$\frac{1}{29}$	$\frac{1}{26}$	$\frac{28}{87}$	$\frac{25}{52}$	$\Phi_{4524}\ \Phi_{348}\ \Phi_{156}\ \Phi_{87}\ \Phi_{52}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
114457	1593	1672	$\frac{3}{76}$	$\frac{79}{1672}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{418}\ \Phi_{209}\ \Phi_{88}\ \Phi_{76}\ \Phi_{44}\ \Phi_{38}\ \Phi_{22}\ \Phi_{19}\ \Phi_{11}\ \Phi_1$
114458	1593	3040	$\frac{3}{76}$	$\frac{73}{1520}$	$\frac{1}{4}$	$\frac{1447}{3040}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{160}\ \Phi_{76}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_1$
114459	1593	3040	$\frac{73}{1520}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1447}{3040}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
114460	1593	560	$\frac{1}{28}$	$\frac{1}{20}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{560}^4\ \Phi_{140}^4\ \Phi_{112}^4\ \Phi_{80}^3\ \Phi_{70}^4\ \Phi_{35}^4\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_7^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
114461	1593	112	$\frac{1}{28}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{112}^{27}\ \Phi_{28}^3\ \Phi_{16}^{27}\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
114462	1593	1540	$\frac{1}{28}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{140}^2\ \Phi_{77}\ \Phi_{70}^2\ \Phi_{55}\ \Phi_{44}\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{11}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
114463	1593	988	$\frac{1}{38}$	$\frac{37}{494}$	$\frac{1}{4}$	$\frac{457}{988}$	$\Phi_{988}\ \Phi_{494}^2\ \Phi_{247}^2\ \Phi_{76}^3\ \Phi_{52}\ \Phi_{38}^3\ \Phi_{26}^2\ \Phi_{19}^3\ \Phi_{13}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
114464	1593	504	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{72}^3\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{21}^4\ \Phi_{18}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
114465	1593	756	$\frac{1}{28}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}\ \Phi_{84}^4\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^4\ \Phi_{36}\ \Phi_{28}^3\ \Phi_{27}^2\ \Phi_{21}^4\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_9^2\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
114466	1593	199	$\frac{10}{199}$	$\frac{21}{199}$	$\frac{22}{199}$	$\frac{89}{199}$	$\Phi_{199}^8\ \Phi_1^9$
114467	1593	320	$\frac{7}{160}$	$\frac{17}{160}$	$\frac{1}{8}$	$\frac{143}{320}$	$\Phi_{320}^9\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}^9\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
114468	1593	1624	$\frac{31}{1624}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{1624}\ \Phi_{812}\ \Phi_{406}\ \Phi_{232}\ \Phi_{203}\ \Phi_{116}\ \Phi_{58}\ \Phi_{29}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
114469	1593	1664	$\frac{71}{1664}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
114470	1593	176	$\frac{1}{88}$	$\frac{1}{8}$	$\frac{29}{88}$	$\frac{7}{16}$	$\Phi_{176}^{16}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{16}^{17}\ \Phi_{11}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
114471	1593	240	$\frac{1}{60}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{240}^{12}\ \Phi_{80}^{12}\ \Phi_{60}^3\ \Phi_{48}^{12}\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{16}^9\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
114472	1593	704	$\frac{3}{176}$	$\frac{1}{8}$	$\frac{173}{704}$	$\frac{7}{16}$	$\Phi_{704}^3\ \Phi_{352}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}\ \Phi_1$
114473	1593	880	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{43}{220}$	$\frac{7}{16}$	$\Phi_{880}^4\ \Phi_{220}\ \Phi_{110}\ \Phi_{80}^4\ \Phi_{55}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
114474	1593	544	$\frac{13}{544}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{544}^3\ \Phi_{272}^3\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{32}^3\ \Phi_{17}^3\ \Phi_{16}\ \Phi_1$
114475	1593	368	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{368}^8\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_1$
114476	1593	528	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{528}^6\ \Phi_{176}^4\ \Phi_{66}^3\ \Phi_{48}^6\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{16}^5\ \Phi_{11}^2\ \Phi_6^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
114477	1593	1760	$\frac{9}{176}$	$\frac{167}{1760}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
114478	1593	2992	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2992}\ \Phi_{272}\ \Phi_{187}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
114479	1593	64	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{64}^{27}\ \Phi_{32}^{27}\ \Phi_{16}^{19}\ \Phi_8^{18}\ \Phi_4^{18}\ \Phi_2^{18}\ \Phi_1^{19}$
114480	1593	2800	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{193}{1400}$	$\frac{1207}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{200}\ \Phi_{112}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
114481	1593	304	$\frac{1}{76}$	$\frac{25}{152}$	$\frac{1}{4}$	$\frac{127}{304}$	$\Phi_{304}^{9}\,\Phi_{76}^{3}\,\Phi_{38}^{3}\,\Phi_{19}^{3}\,\Phi_{16}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
114482	1593	700	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{700}^{2}\,\Phi_{350}^{2}\,\Phi_{175}^{2}\,\Phi_{140}^{4}\,\Phi_{100}\,\Phi_{70}^{4}\,\Phi_{50}^{2}\,\Phi_{35}^{4}\,\Phi_{28}^{3}\,\Phi_{25}^{2}\,\Phi_{20}^{3}\,\Phi_{14}^{3}\,\Phi_{10}^{3}\,\Phi_{7}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
114483	1593	672	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{672}^{4}\,\Phi_{224}^{4}\,\Phi_{96}^{3}\,\Phi_{84}^{4}\,\Phi_{42}^{4}\,\Phi_{32}^{3}\,\Phi_{28}^{3}\,\Phi_{21}^{4}\,\Phi_{14}^{3}\,\Phi_{12}^{3}\,\Phi_{7}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
114484	1593	2560	$\frac{7}{320}$	$\frac{1}{8}$	$\frac{313}{1280}$	$\frac{967}{2560}$	$\Phi_{2560}\,\Phi_{512}\,\Phi_{320}\,\Phi_{160}\,\Phi_{80}\,\Phi_{64}\,\Phi_{40}\,\Phi_{32}\,\Phi_{20}\,\Phi_{16}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
114485	1593	536	$\frac{5}{536}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{536}^{3}\,\Phi_{268}^{3}\,\Phi_{134}^{3}\,\Phi_{67}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
114486	1593	480	$\frac{1}{60}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{480}^{4}\,\Phi_{240}^{4}\,\Phi_{160}^{4}\,\Phi_{96}^{4}\,\Phi_{80}^{4}\,\Phi_{60}^{3}\,\Phi_{48}^{4}\,\Phi_{32}^{3}\,\Phi_{30}^{3}\,\Phi_{20}^{3}\,\Phi_{16}^{3}\,\Phi_{15}^{3}\,\Phi_{12}^{3}\,\Phi_{10}^{3}\,\Phi_{6}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
114487	1593	448	$\frac{1}{28}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{448}^{4}\,\Phi_{224}^{4}\,\Phi_{112}^{4}\,\Phi_{64}^{3}\,\Phi_{32}^{3}\,\Phi_{28}^{3}\,\Phi_{16}^{3}\,\Phi_{14}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
114488	1593	420	$\frac{1}{60}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{420}^{4}\,\Phi_{210}^{4}\,\Phi_{140}^{4}\,\Phi_{105}^{4}\,\Phi_{84}^{4}\,\Phi_{70}^{4}\,\Phi_{60}^{3}\,\Phi_{42}^{4}\,\Phi_{35}^{4}\,\Phi_{30}^{3}\,\Phi_{28}^{4}\,\Phi_{21}^{4}\,\Phi_{20}^{3}\,\Phi_{15}^{3}\,\Phi_{14}\,\Phi_{12}^{3}\,\Phi_{10}^{3}\,\Phi_{7}^{3}\,\Phi_{6}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
114489	1593	1260	$\frac{1}{28}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{1260}\,\Phi_{630}\,\Phi_{420}^{2}\,\Phi_{315}\,\Phi_{252}\,\Phi_{210}^{2}\,\Phi_{180}\,\Phi_{140}^{2}\,\Phi_{126}\,\Phi_{105}^{2}\,\Phi_{84}^{2}\,\Phi_{70}^{2}\,\Phi_{63}\,\Phi_{60}^{2}\,\Phi_{45}\,\Phi_{42}^{2}\,\Phi_{36}\,\Phi_{35}^{2}\,\Phi_{30}\,\Phi_{28}\,\Phi_{21}^{2}\,\Phi_{20}^{2}\,\Phi_{15}\,\Phi_{14}\,\Phi_{12}^{2}\,\Phi_{10}\,\Phi_{9}\,\Phi_{7}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
114490	1593	199	$\frac{4}{199}$	$\frac{22}{199}$	$\frac{65}{199}$	$\frac{67}{199}$	$\Phi_{199}^{8}\,\Phi_{1}^{9}$
114491	1593	800	$\frac{7}{400}$	$\frac{1}{8}$	$\frac{131}{400}$	$\frac{269}{800}$	$\Phi_{800}^{3}\,\Phi_{400}\,\Phi_{200}\,\Phi_{160}^{3}\,\Phi_{100}\,\Phi_{80}\,\Phi_{50}\,\Phi_{40}\,\Phi_{32}^{3}\,\Phi_{25}\,\Phi_{20}\,\Phi_{16}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
114492	1593	532	$\frac{1}{133}$	$\frac{1}{4}$	$\frac{44}{133}$	$\frac{89}{266}$	$\Phi_{532}^{4}\,\Phi_{266}\,\Phi_{133}^{3}\,\Phi_{76}^{4}\,\Phi_{38}\,\Phi_{28}^{4}\,\Phi_{19}^{3}\,\Phi_{14}\,\Phi_{7}^{3}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
114493	1593	796	$\frac{1}{199}$	$\frac{66}{199}$	$\frac{265}{796}$	$\frac{133}{398}$	$\Phi_{796}^{3}\,\Phi_{199}^{2}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
114494	1593	87	$\frac{1}{29}$	$\frac{2}{29}$	$\frac{28}{87}$	$\frac{1}{3}$	$\Phi_{87}^{14}\,\Phi_{29}^{27}\,\Phi_{3}^{13}\,\Phi_{1}^{27}$
114495	1593	88	$\frac{1}{88}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{29}{88}$	$\Phi_{88}^{18}\,\Phi_{44}^{18}\,\Phi_{22}^{18}\,\Phi_{11}^{18}\,\Phi_{8}^{18}\,\Phi_{4}^{20}\,\Phi_{2}^{20}\,\Phi_{1}^{21}$
114496	1593	398	$\frac{5}{398}$	$\frac{89}{398}$	$\frac{103}{398}$	$\frac{131}{398}$	$\Phi_{398}^{4}\,\Phi_{199}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
114497	1593	76	$\frac{1}{76}$	$\frac{17}{76}$	$\frac{1}{4}$	$\frac{25}{76}$	$\Phi_{76}^{21}\,\Phi_{38}^{21}\,\Phi_{19}^{21}\,\Phi_{4}^{20}\,\Phi_{2}^{20}\,\Phi_{1}^{21}$
114498	1593	784	$\frac{25}{784}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{253}{784}$	$\Phi_{784}^{2}\,\Phi_{392}^{2}\,\Phi_{196}^{2}\,\Phi_{112}^{2}\,\Phi_{98}^{2}\,\Phi_{56}^{2}\,\Phi_{49}^{2}\,\Phi_{28}^{3}\,\Phi_{16}^{2}\,\Phi_{14}^{3}\,\Phi_{8}^{2}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
114499	1593	1131	$\frac{1}{29}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{28}{87}$	$\Phi_{1131}^{2}\,\Phi_{87}^{3}\,\Phi_{39}^{2}\,\Phi_{13}^{2}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
114500	1593	1740	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{28}{87}$	$\Phi_{1740}^{2}\,\Phi_{870}\,\Phi_{435}\,\Phi_{348}\,\Phi_{87}\,\Phi_{60}^{2}\,\Phi_{30}\,\Phi_{20}^{2}\,\Phi_{15}\,\Phi_{12}\,\Phi_{10}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
114501	1593	199	$\frac{7}{199}$	$\frac{22}{199}$	$\frac{45}{199}$	$\frac{64}{199}$	$\Phi_{199}^{8}\,\Phi_{1}^{9}$
114502	1593	196	$\frac{1}{28}$	$\frac{19}{196}$	$\frac{1}{4}$	$\frac{9}{28}$	$\Phi_{196}^{9}\,\Phi_{98}^{9}\,\Phi_{49}^{9}\,\Phi_{28}^{3}\,\Phi_{14}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
114503	1593	640	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{109}{640}$	$\frac{51}{160}$	$\Phi_{640}^{3}\,\Phi_{320}^{3}\,\Phi_{160}\,\Phi_{128}^{3}\,\Phi_{80}\,\Phi_{64}^{3}\,\Phi_{40}\,\Phi_{32}\,\Phi_{20}\,\Phi_{16}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
114504	1593	380	$\frac{1}{19}$	$\frac{13}{190}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{380}^{6}\,\Phi_{190}^{3}\,\Phi_{95}^{3}\,\Phi_{76}^{4}\,\Phi_{38}\,\Phi_{20}^{6}\,\Phi_{19}^{3}\,\Phi_{10}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
114505	1593	256	$\frac{19}{256}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{79}{256}$	$\Phi_{256}^{6}\,\Phi_{128}^{6}\,\Phi_{64}^{7}\,\Phi_{32}^{7}\,\Phi_{16}^{7}\,\Phi_{8}^{6}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
114506	1593	760	$\frac{3}{76}$	$\frac{73}{760}$	$\frac{1}{4}$	$\frac{229}{760}$	$\Phi_{760}^{2}\,\Phi_{380}^{2}\,\Phi_{190}^{2}\,\Phi_{152}^{2}\,\Phi_{95}^{2}\,\Phi_{76}^{3}\,\Phi_{40}^{2}\,\Phi_{38}^{3}\,\Phi_{20}^{2}\,\Phi_{19}^{3}\,\Phi_{10}^{2}\,\Phi_{8}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
114507	1593	84	$\frac{1}{28}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{84}^{27}\,\Phi_{42}^{27}\,\Phi_{28}^{3}\,\Phi_{21}^{27}\,\Phi_{14}^{3}\,\Phi_{12}^{27}\,\Phi_{7}^{3}\,\Phi_{6}^{27}\,\Phi_{4}^{2}\,\Phi_{3}^{27}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
114508	1593	64	$\frac{5}{64}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{19}{64}$	$\Phi_{64}^{25}\,\Phi_{32}^{25}\,\Phi_{16}^{25}\,\Phi_{8}^{24}\,\Phi_{4}^{24}\,\Phi_{2}^{24}\,\Phi_{1}^{25}$
114509	1593	364	$\frac{5}{182}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{364}^{6}\,\Phi_{182}^{3}\,\Phi_{91}^{3}\,\Phi_{52}^{6}\,\Phi_{28}^{4}\,\Phi_{26}^{3}\,\Phi_{14}\,\Phi_{13}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
114510	1593	504	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{504}^{4}\,\Phi_{252}^{2}\,\Phi_{168}^{4}\,\Phi_{126}^{2}\,\Phi_{84}^{4}\,\Phi_{72}^{3}\,\Phi_{63}^{2}\,\Phi_{56}^{4}\,\Phi_{42}^{4}\,\Phi_{36}\,\Phi_{28}^{3}\,\Phi_{24}^{3}\,\Phi_{21}^{4}\,\Phi_{18}^{2}\,\Phi_{14}^{3}\,\Phi_{12}^{3}\,\Phi_{9}^{2}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
114511	1593	560	$\frac{29}{560}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{560}^{3}\,\Phi_{280}^{3}\,\Phi_{140}^{3}\,\Phi_{112}^{3}\,\Phi_{80}^{3}\,\Phi_{70}^{3}\,\Phi_{56}^{3}\,\Phi_{40}\,\Phi_{35}^{3}\,\Phi_{28}^{3}\,\Phi_{20}\,\Phi_{16}^{3}\,\Phi_{14}^{3}\,\Phi_{10}\,\Phi_{7}^{3}\,\Phi_{5}\,\Phi_{1}$
114512	1593	60	$\frac{1}{60}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{60}^{27}\,\Phi_{30}^{27}\,\Phi_{20}^{27}\,\Phi_{15}^{27}\,\Phi_{12}^{27}\,\Phi_{10}^{27}\,\Phi_{6}^{27}\,\Phi_{5}^{27}\,\Phi_{4}^{20}\,\Phi_{3}^{27}\,\Phi_{2}^{20}\,\Phi_{1}^{21}$
114513	1593	704	$\frac{3}{176}$	$\frac{173}{704}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{704}^{3}\,\Phi_{352}^{3}\,\Phi_{64}^{3}\,\Phi_{32}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
114514	1593	220	$\frac{1}{44}$	$\frac{43}{220}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{220}^{9}\,\Phi_{110}^{9}\,\Phi_{55}^{9}\,\Phi_{20}^{9}\,\Phi_{10}^{9}\,\Phi_{5}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
114515	1593	544	$\frac{13}{544}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{544}^{3}\,\Phi_{272}^{3}\,\Phi_{136}^{3}\,\Phi_{68}^{3}\,\Phi_{34}^{3}\,\Phi_{32}^{3}\,\Phi_{17}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
114516	1593	616	$\frac{3}{88}$	$\frac{85}{616}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{616}^{3}\,\Phi_{308}^{3}\,\Phi_{154}^{3}\,\Phi_{77}^{3}\,\Phi_{56}^{3}\,\Phi_{28}^{3}\,\Phi_{14}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
114517	1593	184	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{184}^{9}\,\Phi_{92}^{9}\,\Phi_{46}^{9}\,\Phi_{23}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
114518	1593	132	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{132}^{12}\,\Phi_{66}^{15}\,\Phi_{44}^{8}\,\Phi_{33}^{15}\,\Phi_{22}^{10}\,\Phi_{12}^{12}\,\Phi_{11}^{10}\,\Phi_{6}^{15}\,\Phi_{4}^{10}\,\Phi_{3}^{15}\,\Phi_{2}^{12}\,\Phi_{1}^{13}$
114519	1593	748	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{748}^{2}\,\Phi_{374}^{2}\,\Phi_{187}^{3}\,\Phi_{68}^{2}\,\Phi_{34}^{2}\,\Phi_{17}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
114520	1593	64	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{64}^{27}\,\Phi_{32}^{27}\,\Phi_{16}^{18}\,\Phi_{8}^{18}\,\Phi_{4}^{20}\,\Phi_{2}^{20}\,\Phi_{1}^{21}$
114521	1593	572	$\frac{3}{44}$	$\frac{41}{572}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{572}^{3}\,\Phi_{286}^{3}\,\Phi_{143}^{3}\,\Phi_{52}^{3}\,\Phi_{26}^{3}\,\Phi_{13}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
114522	1593	700	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{169}{700}$	$\frac{1}{4}$	$\Phi_{700}^{2}\,\Phi_{350}^{2}\,\Phi_{175}^{3}\,\Phi_{140}^{2}\,\Phi_{100}^{2}\,\Phi_{70}^{2}\,\Phi_{50}^{2}\,\Phi_{35}^{3}\,\Phi_{28}^{3}\,\Phi_{25}^{3}\,\Phi_{20}^{2}\,\Phi_{14}^{3}\,\Phi_{10}^{2}\,\Phi_{7}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
114523	1593	608	$\frac{3}{76}$	$\frac{77}{608}$	$\frac{73}{304}$	$\frac{1}{4}$	$\Phi_{608}^{3}\,\Phi_{304}^{2}\,\Phi_{152}^{2}\,\Phi_{76}^{3}\,\Phi_{38}^{3}\,\Phi_{32}^{3}\,\Phi_{19}^{3}\,\Phi_{16}^{2}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
114524	1593	76	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{17}{76}$	$\frac{1}{4}$	$\Phi_{76}^{19}\,\Phi_{38}^{19}\,\Phi_{19}^{27}\,\Phi_{4}^{18}\,\Phi_{2}^{18}\,\Phi_{1}^{27}$
114525	1593	560	$\frac{29}{560}$	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{560}^{3}\,\Phi_{280}^{3}\,\Phi_{140}^{3}\,\Phi_{112}^{2}\,\Phi_{80}^{3}\,\Phi_{70}^{3}\,\Phi_{56}^{2}\,\Phi_{40}^{3}\,\Phi_{35}^{3}\,\Phi_{28}^{3}\,\Phi_{20}^{3}\,\Phi_{16}^{2}\,\Phi_{14}^{3}\,\Phi_{10}^{3}\,\Phi_{8}^{2}\,\Phi_{7}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
114526	1593	224	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{47}{224}$	$\frac{1}{4}$	$\Phi_{224}^{9}\,\Phi_{112}^{9}\,\Phi_{32}^{9}\,\Phi_{28}^{3}\,\Phi_{16}^{9}\,\Phi_{14}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
114527	1593	1900	$\frac{3}{76}$	$\frac{307}{1900}$	$\frac{73}{380}$	$\frac{1}{4}$	$\Phi_{1900}\,\Phi_{950}\,\Phi_{475}\,\Phi_{100}\,\Phi_{76}\,\Phi_{50}\,\Phi_{38}\,\Phi_{25}\,\Phi_{19}\,\Phi_{1}$
114528	1593	1960	$\frac{25}{392}$	$\frac{3}{28}$	$\frac{367}{1960}$	$\frac{1}{4}$	$\Phi_{1960}\,\Phi_{980}\,\Phi_{490}\,\Phi_{280}\,\Phi_{245}\,\Phi_{140}\,\Phi_{70}\,\Phi_{40}\,\Phi_{35}\,\Phi_{28}\,\Phi_{20}\,\Phi_{14}\,\Phi_{10}\,\Phi_{7}\,\Phi_{5}\,\Phi_{1}$
114529	1593	560	$\frac{29}{560}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{560}^{3}\,\Phi_{280}^{3}\,\Phi_{140}^{2}\,\Phi_{112}^{3}\,\Phi_{80}^{3}\,\Phi_{70}^{2}\,\Phi_{56}^{3}\,\Phi_{40}^{3}\,\Phi_{35}^{3}\,\Phi_{28}^{3}\,\Phi_{20}^{2}\,\Phi_{16}^{3}\,\Phi_{14}^{3}\,\Phi_{10}^{2}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
114530	1593	140	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{1}{4}$	$\Phi_{140}^{15}\,\Phi_{70}^{6}\,\Phi_{35}^{9}\,\Phi_{28}^{16}\,\Phi_{20}^{15}\,\Phi_{14}^{7}\,\Phi_{10}^{6}\,\Phi_{7}^{9}\,\Phi_{5}^{9}\,\Phi_{4}^{15}\,\Phi_{2}^{6}\,\Phi_{1}^{9}$
114531	1593	196	$\frac{19}{196}$	$\frac{3}{28}$	$\frac{25}{196}$	$\frac{1}{4}$	$\Phi_{196}^{8}\,\Phi_{98}^{8}\,\Phi_{49}^{8}\,\Phi_{28}^{9}\,\Phi_{14}^{9}\,\Phi_{7}^{9}\,\Phi_{4}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
114532	1593	1792	$\frac{3}{28}$	$\frac{199}{1792}$	$\frac{25}{224}$	$\frac{1}{4}$	$\Phi_{1792}\,\Phi_{896}\,\Phi_{448}\,\Phi_{256}\,\Phi_{128}\,\Phi_{64}\,\Phi_{28}\,\Phi_{14}\,\Phi_{7}\,\Phi_{1}$
114533	1593	2080	$\frac{33}{520}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{487}{2080}$	$\Phi_{2080}\,\Phi_{1040}\,\Phi_{416}\,\Phi_{208}\,\Phi_{160}\,\Phi_{80}\,\Phi_{40}\,\Phi_{32}\,\Phi_{20}\,\Phi_{16}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
114534	1593	1792	$\frac{7}{64}$	$\frac{199}{1792}$	$\frac{1}{8}$	$\frac{57}{256}$	$\Phi_{1792}\,\Phi_{896}\,\Phi_{448}\,\Phi_{224}\,\Phi_{112}\,\Phi_{64}\,\Phi_{56}\,\Phi_{32}\,\Phi_{28}\,\Phi_{16}\,\Phi_{14}\,\Phi_{7}\,\Phi_{1}$
114535	1593	2048	$\frac{7}{64}$	$\frac{57}{512}$	$\frac{1}{8}$	$\frac{455}{2048}$	$\Phi_{2048}\,\Phi_{1024}\,\Phi_{64}\,\Phi_{32}\,\Phi_{16}\,\Phi_{1}$
114536	1593	1792	$\frac{199}{1792}$	$\frac{25}{224}$	$\frac{1}{8}$	$\frac{7}{32}$	$\Phi_{1792}\,\Phi_{896}\,\Phi_{448}\,\Phi_{256}\,\Phi_{128}\,\Phi_{64}\,\Phi_{32}\,\Phi_{16}\,\Phi_{1}$
114537	1593	640	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{19}{128}$	$\frac{109}{640}$	$\Phi_{640}^{3}\,\Phi_{320}^{3}\,\Phi_{160}^{3}\,\Phi_{80}^{3}\,\Phi_{64}\,\Phi_{40}^{3}\,\Phi_{32}\,\Phi_{20}^{3}\,\Phi_{16}\,\Phi_{10}^{3}\,\Phi_{5}^{3}\,\Phi_{1}$
114538	1594	1590	$\frac{2}{795}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{793}{1590}$	$\Phi_{1590}^{2}\,\Phi_{530}^{2}\,\Phi_{318}^{2}\,\Phi_{106}^{2}\,\Phi_{30}^{2}\,\Phi_{10}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
114539	1594	3192	$\frac{1}{266}$	$\frac{267}{1064}$	$\frac{1}{3}$	$\frac{265}{532}$	$\Phi_{3192}\,\Phi_{798}\,\Phi_{456}\,\Phi_{399}\,\Phi_{168}\,\Phi_{114}\,\Phi_{57}\,\Phi_{42}\,\Phi_{24}\,\Phi_{21}\,\Phi_{6}$
114540	1594	1416	$\frac{1}{177}$	$\frac{89}{708}$	$\frac{619}{1416}$	$\frac{88}{177}$	$\Phi_{1416}^{2}\,\Phi_{472}^{2}\,\Phi_{177}\,\Phi_{59}\,\Phi_{24}^{2}\,\Phi_{8}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
114541	1594	1062	$\frac{1}{177}$	$\frac{265}{1062}$	$\frac{89}{354}$	$\frac{88}{177}$	$\Phi_{1062}^{2}\,\Phi_{531}^{2}\,\Phi_{177}\,\Phi_{59}\,\Phi_{18}^{2}\,\Phi_{9}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
114542	1594	1584	$\frac{5}{792}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{787}{1584}$	$\Phi_{1584}^{2}\,\Phi_{528}^{2}\,\Phi_{176}^{2}\,\Phi_{144}^{2}\,\Phi_{48}^{2}\,\Phi_{16}^{2}\,\Phi_{9}\,\Phi_{3}\,\Phi_{1}^{2}$
114543	1594	1584	$\frac{5}{792}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{787}{1584}$	$\Phi_{1584}^{2}\,\Phi_{528}^{2}\,\Phi_{176}^{2}\,\Phi_{144}^{2}\,\Phi_{48}^{2}\,\Phi_{16}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
114544	1594	4746	$\frac{6}{791}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{785}{1582}$	$\Phi_{4746}\,\Phi_{678}\,\Phi_{42}\,\Phi_{21}\,\Phi_{6}$
114545	1594	912	$\frac{1}{114}$	$\frac{115}{912}$	$\frac{1}{3}$	$\frac{113}{228}$	$\Phi_{912}^{2}\,\Phi_{456}^{2}\,\Phi_{304}^{2}\,\Phi_{152}^{2}\,\Phi_{114}^{2}\,\Phi_{57}^{2}\,\Phi_{48}^{2}\,\Phi_{38}^{2}\,\Phi_{24}^{2}\,\Phi_{19}^{2}\,\Phi_{16}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
114546	1594	1575	$\frac{19}{1575}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{778}{1575}$	$\Phi_{1575}\,\Phi_{525}\,\Phi_{315}\,\Phi_{225}\,\Phi_{175}\,\Phi_{105}\,\Phi_{75}\,\Phi_{63}\,\Phi_{45}\,\Phi_{35}\,\Phi_{25}\,\Phi_{21}^{2}\,\Phi_{15}\,\Phi_{9}\,\Phi_{7}^{2}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$
114547	1594	4704	$\frac{13}{784}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{771}{1568}$	$\Phi_{4704}\,\Phi_{672}\,\Phi_{96}\,\Phi_{42}\,\Phi_{21}\,\Phi_{6}$
114548	1594	1534	$\frac{1}{59}$	$\frac{30}{767}$	$\frac{737}{1534}$	$\frac{29}{59}$	$\Phi_{1534}^{2}\,\Phi_{118}^{2}\,\Phi_{59}\,\Phi_{26}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
114549	1594	1566	$\frac{14}{783}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{769}{1566}$	$\Phi_{1566}^{2}\,\Phi_{522}^{2}\,\Phi_{174}^{2}\,\Phi_{58}^{2}\,\Phi_{54}^{2}\,\Phi_{27}\,\Phi_{18}^{2}\,\Phi_{9}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
114550	1594	4674	$\frac{18}{779}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{761}{1558}$	$\Phi_{4674}\ \Phi_{246}\ \Phi_{114}\ \Phi_{57}\ \Phi_{6}$
114551	1594	840	$\frac{1}{42}$	$\frac{43}{840}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
114552	1594	1554	$\frac{20}{777}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{757}{1554}$	$\Phi_{1554}^2\ \Phi_{518}^2\ \Phi_{222}^2\ \Phi_{74}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
114553	1594	2508	$\frac{1}{38}$	$\frac{39}{836}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{627}\ \Phi_{132}\ \Phi_{114}\ \Phi_{66}\ \Phi_{57}\ \Phi_{33}\ \Phi_{6}$
114554	1594	1539	$\frac{2}{57}$	$\frac{55}{1539}$	$\frac{1}{3}$	$\frac{742}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}^2\ \Phi_{27}\ \Phi_{19}^2\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
114555	1594	1539	$\frac{55}{1539}$	$\frac{1}{27}$	$\frac{26}{81}$	$\frac{742}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}^2\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
114556	1594	1080	$\frac{1}{27}$	$\frac{13}{270}$	$\frac{283}{1080}$	$\frac{257}{540}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{9}\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
114557	1594	4560	$\frac{1}{38}$	$\frac{37}{760}$	$\frac{1}{3}$	$\frac{723}{1520}$	$\Phi_{4560}\ \Phi_{912}\ \Phi_{240}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}\ \Phi_{6}$
114558	1594	1512	$\frac{1}{42}$	$\frac{41}{756}$	$\frac{1}{3}$	$\frac{715}{1512}$	$\Phi_{1512}^2\ \Phi_{504}^2\ \Phi_{216}^2\ \Phi_{168}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
114559	1594	1512	$\frac{1}{27}$	$\frac{41}{756}$	$\frac{13}{54}$	$\frac{715}{1512}$	$\Phi_{1512}^2\ \Phi_{504}^2\ \Phi_{216}^2\ \Phi_{168}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{54}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{9}\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
114560	1594	2436	$\frac{15}{812}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{609}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
114561	1594	1485	$\frac{1}{27}$	$\frac{109}{1485}$	$\frac{26}{135}$	$\frac{688}{1485}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}^2\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{27}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{9}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
114562	1594	1482	$\frac{1}{57}$	$\frac{56}{741}$	$\frac{1}{3}$	$\frac{685}{1482}$	$\Phi_{1482}^2\ \Phi_{494}^2\ \Phi_{114}^2\ \Phi_{78}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{26}^2\ \Phi_{19}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
114563	1594	972	$\frac{1}{27}$	$\frac{13}{162}$	$\frac{175}{972}$	$\frac{149}{324}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{9}\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
114564	1594	1458	$\frac{1}{27}$	$\frac{68}{729}$	$\frac{13}{81}$	$\frac{661}{1458}$	$\Phi_{1458}^2\ \Phi_{486}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{9}\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
114565	1594	1188	$\frac{5}{396}$	$\frac{1}{9}$	$\frac{391}{1188}$	$\frac{4}{9}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{297}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
114566	1594	810	$\frac{13}{810}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{9}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
114567	1594	990	$\frac{5}{198}$	$\frac{1}{9}$	$\frac{193}{990}$	$\frac{4}{9}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{90}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{9}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
114568	1594	828	$\frac{31}{828}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}^2\ \Phi_{207}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
114569	1594	891	$\frac{5}{99}$	$\frac{94}{891}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
114570	1594	864	$\frac{5}{72}$	$\frac{67}{864}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{16}^2\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
114571	1594	1416	$\frac{1}{59}$	$\frac{89}{708}$	$\frac{29}{118}$	$\frac{619}{1416}$	$\Phi_{1416}^2\ \Phi_{472}^2\ \Phi_{118}^2\ \Phi_{59}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{2}^2\ \Phi_{1}^2$
114572	1594	1368	$\frac{1}{114}$	$\frac{113}{684}$	$\frac{1}{3}$	$\frac{571}{1368}$	$\Phi_{1368}^2\ \Phi_{456}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{72}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{24}^2\ \Phi_{19}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
114573	1594	804	$\frac{7}{804}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{804}^2\ \Phi_{402}^2\ \Phi_{268}^2\ \Phi_{201}^2\ \Phi_{134}^2\ \Phi_{67}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
114574	1594	1350	$\frac{1}{27}$	$\frac{13}{135}$	$\frac{122}{675}$	$\frac{553}{1350}$	$\Phi_{1350}^2\ \Phi_{450}^2\ \Phi_{270}^2\ \Phi_{150}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{9}\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
114575	1594	3990	$\frac{1}{133}$	$\frac{132}{665}$	$\frac{1}{3}$	$\frac{533}{1330}$	$\Phi_{3990}\ \Phi_{798}\ \Phi_{570}\ \Phi_{399}\ \Phi_{210}\ \Phi_{114}\ \Phi_{57}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{6}$
114576	1594	1296	$\frac{1}{27}$	$\frac{13}{162}$	$\frac{149}{648}$	$\frac{499}{1296}$	$\Phi_{1296}^2\ \Phi_{432}^2\ \Phi_{162}^2\ \Phi_{144}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{9}\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
114577	1594	864	$\frac{1}{27}$	$\frac{67}{864}$	$\frac{13}{54}$	$\frac{41}{108}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{9}\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
114578	1594	944	$\frac{1}{59}$	$\frac{147}{944}$	$\frac{29}{118}$	$\frac{89}{236}$	$\Phi_{944}^2\ \Phi_{472}^2\ \Phi_{118}^2\ \Phi_{59}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{2}^2\ \Phi_{1}^2$
114579	1594	1239	$\frac{1}{59}$	$\frac{58}{413}$	$\frac{355}{1239}$	$\frac{442}{1239}$	$\Phi_{1239}\ \Phi_{413}^2\ \Phi_{177}\ \Phi_{59}\ \Phi_{21}\ \Phi_{7}^2\ \Phi_{3}\ \Phi_{1}^2$
114580	1594	1215	$\frac{1}{27}$	$\frac{26}{405}$	$\frac{379}{1215}$	$\frac{418}{1215}$	$\Phi_{1215}\ \Phi_{405}^2\ \Phi_{243}\ \Phi_{135}^2\ \Phi_{81}^2\ \Phi_{45}^2\ \Phi_{27}\ \Phi_{15}^2\ \Phi_{9}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
114581	1594	1197	$\frac{2}{399}$	$\frac{397}{1197}$	$\frac{1}{3}$	$\frac{400}{1197}$	$\Phi_{1197}\ \Phi_{399}^2\ \Phi_{171}\ \Phi_{133}^2\ \Phi_{63}\ \Phi_{57}^2\ \Phi_{21}^2\ \Phi_{19}^2\ \Phi_{9}\ \Phi_{7}^2\ \Phi_{3}\ \Phi_{1}^2$
114582	1594	954	$\frac{2}{159}$	$\frac{157}{954}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{954}^2\ \Phi_{477}^2\ \Phi_{318}^2\ \Phi_{106}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
114583	1594	810	$\frac{13}{810}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{810}^2\,\Phi_{405}^2\,\Phi_{270}^2\,\Phi_{162}^2\,\Phi_{135}^2\,\Phi_{90}^2\,\Phi_{81}^2\,\Phi_{54}^2\,\Phi_{45}^2\,\Phi_{30}^2\,\Phi_{27}^2\,\Phi_{18}^2\,\Phi_{10}^2\,\Phi_9^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
114584	1594	1026	$\frac{1}{114}$	$\frac{229}{1026}$	$\frac{113}{342}$	$\frac{1}{3}$	$\Phi_{1026}^2\,\Phi_{513}^2\,\Phi_{114}^2\,\Phi_{57}^2\,\Phi_{54}^2\,\Phi_{38}^2\,\Phi_{27}^2\,\Phi_{19}^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
114585	1594	1188	$\frac{5}{396}$	$\frac{1}{6}$	$\frac{391}{1188}$	$\frac{1}{3}$	$\Phi_{1188}^2\,\Phi_{594}^2\,\Phi_{297}^2\,\Phi_{108}^2\,\Phi_{54}^2\,\Phi_{27}^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
114586	1594	882	$\frac{1}{42}$	$\frac{85}{882}$	$\frac{41}{126}$	$\frac{1}{3}$	$\Phi_{882}^2\,\Phi_{441}^2\,\Phi_{294}^2\,\Phi_{147}^2\,\Phi_{98}^2\,\Phi_{49}^2\,\Phi_{42}^2\,\Phi_{21}^2\,\Phi_{14}^2\,\Phi_7^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
114587	1594	1176	$\frac{13}{392}$	$\frac{1}{14}$	$\frac{379}{1176}$	$\frac{1}{3}$	$\Phi_{1176}\,\Phi_{588}\,\Phi_{392}^2\,\Phi_{294}\,\Phi_{196}^2\,\Phi_{168}\,\Phi_{147}\,\Phi_{98}^2\,\Phi_{84}\,\Phi_{56}^2\,\Phi_{49}^2\,\Phi_{42}^2\,\Phi_{28}^2\,\Phi_{24}\,\Phi_{21}^2\,\Phi_{14}^2\,\Phi_{12}\,\Phi_8^2\,\Phi_7^2\,\Phi_6^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
114588	1594	855	$\frac{2}{57}$	$\frac{58}{855}$	$\frac{55}{171}$	$\frac{1}{3}$	$\Phi_{855}^2\,\Phi_{285}^2\,\Phi_{171}\,\Phi_{95}^2\,\Phi_{57}^2\,\Phi_{45}^2\,\Phi_{19}^2\,\Phi_{15}^2\,\Phi_9\,\Phi_5^2\,\Phi_3\,\Phi_1^2$
114589	1594	819	$\frac{22}{819}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{819}^2\,\Phi_{273}^2\,\Phi_{117}^2\,\Phi_{91}^2\,\Phi_{63}\,\Phi_{39}^2\,\Phi_{21}^2\,\Phi_{13}^2\,\Phi_9\,\Phi_7^2\,\Phi_3\,\Phi_1^2$
114590	1594	1140	$\frac{1}{38}$	$\frac{37}{380}$	$\frac{343}{1140}$	$\frac{1}{3}$	$\Phi_{1140}\,\Phi_{570}\,\Phi_{380}^2\,\Phi_{285}\,\Phi_{228}\,\Phi_{190}^2\,\Phi_{114}^2\,\Phi_{95}^2\,\Phi_{76}^2\,\Phi_{60}\,\Phi_{57}^2\,\Phi_{38}^2\,\Phi_{30}\,\Phi_{20}^2\,\Phi_{19}^2\,\Phi_{15}\,\Phi_{12}\,\Phi_{10}^2\,\Phi_6^2\,\Phi_5^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
114591	1594	1134	$\frac{1}{42}$	$\frac{41}{378}$	$\frac{337}{1134}$	$\frac{1}{3}$	$\Phi_{1134}^2\,\Phi_{567}^2\,\Phi_{162}^2\,\Phi_{81}^2\,\Phi_{42}^2\,\Phi_{21}^2\,\Phi_{14}^2\,\Phi_7^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
114592	1594	810	$\frac{13}{810}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{810}^2\,\Phi_{405}^2\,\Phi_{270}^2\,\Phi_{162}^2\,\Phi_{135}^2\,\Phi_{90}^2\,\Phi_{81}^2\,\Phi_{54}^2\,\Phi_{45}^2\,\Phi_{30}^2\,\Phi_{27}^2\,\Phi_{15}^2\,\Phi_{10}^2\,\Phi_6^2\,\Phi_5^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
114593	1594	1056	$\frac{5}{264}$	$\frac{1}{6}$	$\frac{259}{1056}$	$\frac{1}{3}$	$\Phi_{1056}^2\,\Phi_{528}^2\,\Phi_{352}^2\,\Phi_{176}^2\,\Phi_{96}^2\,\Phi_{48}^2\,\Phi_{32}^2\,\Phi_{16}^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
114594	1594	912	$\frac{1}{38}$	$\frac{115}{912}$	$\frac{37}{152}$	$\frac{1}{3}$	$\Phi_{912}^2\,\Phi_{456}\,\Phi_{304}^2\,\Phi_{228}\,\Phi_{152}^2\,\Phi_{114}^2\,\Phi_{76}^2\,\Phi_{57}^2\,\Phi_{48}^2\,\Phi_{38}^2\,\Phi_{24}\,\Phi_{19}^2\,\Phi_{16}^2\,\Phi_{12}\,\Phi_8^2\,\Phi_6^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
114595	1594	1050	$\frac{19}{525}$	$\frac{2}{21}$	$\frac{253}{1050}$	$\frac{1}{3}$	$\Phi_{1050}^2\,\Phi_{525}\,\Phi_{350}^2\,\Phi_{210}^2\,\Phi_{175}\,\Phi_{150}^2\,\Phi_{105}\,\Phi_{75}\,\Phi_{70}^2\,\Phi_{50}^2\,\Phi_{42}^2\,\Phi_{35}\,\Phi_{30}^2\,\Phi_{25}\,\Phi_{21}^2\,\Phi_{15}\,\Phi_{14}^2\,\Phi_{10}^2\,\Phi_7^2\,\Phi_6^2\,\Phi_5\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
114596	1594	840	$\frac{43}{840}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{840}^2\,\Phi_{420}^2\,\Phi_{280}^2\,\Phi_{210}^2\,\Phi_{168}\,\Phi_{140}^2\,\Phi_{120}^2\,\Phi_{105}^2\,\Phi_{84}\,\Phi_{70}^2\,\Phi_{60}^2\,\Phi_{56}^2\,\Phi_{42}^2\,\Phi_{40}^2\,\Phi_{35}^2\,\Phi_{30}^2\,\Phi_{28}^2\,\Phi_{24}\,\Phi_{21}^2\,\Phi_{20}^2\,\Phi_{15}^2\,\Phi_{14}^2\,\Phi_{12}\,\Phi_{10}^2\,\Phi_8^2\,\Phi_7^2\,\Phi_6^2\,\Phi_5^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
114597	1594	1026	$\frac{2}{57}$	$\frac{55}{513}$	$\frac{229}{1026}$	$\frac{1}{3}$	$\Phi_{1026}^2\,\Phi_{513}\,\Phi_{342}^2\,\Phi_{171}\,\Phi_{114}^2\,\Phi_{57}^2\,\Phi_{54}^2\,\Phi_{38}^2\,\Phi_{27}\,\Phi_{19}^2\,\Phi_{18}^2\,\Phi_9\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
114598	1594	1008	$\frac{1}{42}$	$\frac{41}{252}$	$\frac{211}{1008}$	$\frac{1}{3}$	$\Phi_{1008}^2\,\Phi_{504}^2\,\Phi_{336}^2\,\Phi_{168}^2\,\Phi_{144}^2\,\Phi_{112}^2\,\Phi_{72}^2\,\Phi_{56}^2\,\Phi_{48}^2\,\Phi_{42}^2\,\Phi_{24}^2\,\Phi_{21}^2\,\Phi_{16}^2\,\Phi_{14}^2\,\Phi_8^2\,\Phi_7^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
114599	1594	816	$\frac{19}{816}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{816}^2\,\Phi_{408}^2\,\Phi_{272}^2\,\Phi_{204}^2\,\Phi_{136}^2\,\Phi_{102}^2\,\Phi_{68}^2\,\Phi_{51}^2\,\Phi_{48}^2\,\Phi_{34}^2\,\Phi_{17}^2\,\Phi_{16}^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
114600	1594	990	$\frac{5}{198}$	$\frac{1}{6}$	$\frac{193}{990}$	$\frac{1}{3}$	$\Phi_{990}^2\,\Phi_{495}^2\,\Phi_{330}^2\,\Phi_{165}^2\,\Phi_{110}^2\,\Phi_{90}^2\,\Phi_{55}^2\,\Phi_{45}^2\,\Phi_{30}^2\,\Phi_{15}^2\,\Phi_{10}^2\,\Phi_6^2\,\Phi_5^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
114601	1594	2850	$\frac{1}{38}$	$\frac{153}{950}$	$\frac{37}{190}$	$\frac{1}{3}$	$\Phi_{2850}\,\Phi_{1425}\,\Phi_{150}\,\Phi_{114}\,\Phi_{75}\,\Phi_{57}\,\Phi_6$
114602	1594	2940	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{183}{980}$	$\frac{1}{3}$	$\Phi_{2940}\,\Phi_{1470}\,\Phi_{735}\,\Phi_{420}\,\Phi_{210}\,\Phi_{105}\,\Phi_{60}\,\Phi_{42}\,\Phi_{30}\,\Phi_{21}\,\Phi_{15}\,\Phi_6$
114603	1594	840	$\frac{43}{840}$	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{840}^2\,\Phi_{420}^2\,\Phi_{280}^2\,\Phi_{210}^2\,\Phi_{168}^2\,\Phi_{140}^2\,\Phi_{120}^2\,\Phi_{105}\,\Phi_{84}^2\,\Phi_{70}^2\,\Phi_{60}^2\,\Phi_{56}^2\,\Phi_{42}^2\,\Phi_{40}^2\,\Phi_{35}\,\Phi_{30}^2\,\Phi_{28}^2\,\Phi_{24}^2\,\Phi_{21}^2\,\Phi_{20}^2\,\Phi_{15}\,\Phi_{14}^2\,\Phi_{12}^2\,\Phi_{10}^2\,\Phi_8^2\,\Phi_7^2\,\Phi_6^2\,\Phi_5\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
114604	1594	828	$\frac{31}{828}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{828}^2\,\Phi_{414}^2\,\Phi_{276}^2\,\Phi_{207}^2\,\Phi_{138}^2\,\Phi_{92}^2\,\Phi_{69}^2\,\Phi_{46}^2\,\Phi_{23}^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
114605	1594	924	$\frac{5}{132}$	$\frac{127}{924}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{924}^2\,\Phi_{462}^2\,\Phi_{308}^2\,\Phi_{231}^2\,\Phi_{154}^2\,\Phi_{84}^2\,\Phi_{77}^2\,\Phi_{42}^2\,\Phi_{28}^2\,\Phi_{21}^2\,\Phi_{14}^2\,\Phi_7^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
114606	1594	864	$\frac{5}{72}$	$\frac{67}{864}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{864}^2\,\Phi_{432}^2\,\Phi_{288}^2\,\Phi_{216}^2\,\Phi_{144}^2\,\Phi_{108}^2\,\Phi_{96}^2\,\Phi_{54}^2\,\Phi_{48}^2\,\Phi_{32}^2\,\Phi_{27}^2\,\Phi_{16}^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
114607	1594	858	$\frac{61}{858}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{858}^2\,\Phi_{429}^2\,\Phi_{286}^2\,\Phi_{143}^2\,\Phi_{78}^2\,\Phi_{39}^2\,\Phi_{26}^2\,\Phi_{13}^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
114608	1594	945	$\frac{19}{315}$	$\frac{2}{21}$	$\frac{148}{945}$	$\frac{1}{3}$	$\Phi_{945}^2\,\Phi_{315}\,\Phi_{189}^2\,\Phi_{135}^2\,\Phi_{105}\,\Phi_{63}\,\Phi_{45}\,\Phi_{35}\,\Phi_{27}^2\,\Phi_{21}^2\,\Phi_{15}\,\Phi_9\,\Phi_7^2\,\Phi_5\,\Phi_3\,\Phi_1^2$
114609	1594	882	$\frac{1}{14}$	$\frac{85}{882}$	$\frac{13}{98}$	$\frac{1}{3}$	$\Phi_{882}^2\,\Phi_{441}^2\,\Phi_{294}\,\Phi_{147}\,\Phi_{126}^2\,\Phi_{98}^2\,\Phi_{63}^2\,\Phi_{49}^2\,\Phi_{42}^2\,\Phi_{21}^2\,\Phi_{18}^2\,\Phi_{14}^2\,\Phi_9^2\,\Phi_7^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
114610	1594	2688	$\frac{1}{14}$	$\frac{99}{896}$	$\frac{13}{112}$	$\frac{1}{3}$	$\Phi_{2688}\,\Phi_{1344}\,\Phi_{672}\,\Phi_{384}\,\Phi_{192}\,\Phi_{96}\,\Phi_{42}\,\Phi_{21}\,\Phi_6$
114611	1594	1134	$\frac{1}{27}$	$\frac{41}{378}$	$\frac{13}{54}$	$\frac{337}{1134}$	$\Phi_{1134}^2\,\Phi_{567}^2\,\Phi_{162}^2\,\Phi_{81}^2\,\Phi_{54}^2\,\Phi_{27}\,\Phi_{18}^2\,\Phi_9\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
114612	1594	972	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{175}{972}$	$\frac{68}{243}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
114613	1594	1062	$\frac{1}{59}$	$\frac{29}{118}$	$\frac{265}{1062}$	$\frac{89}{354}$	$\Phi_{1062}^2\ \Phi_{531}^2\ \Phi_{118}^2\ \Phi_{59}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
114614	1595	1272	$\frac{1}{318}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{317}{636}$	$\Phi_{1272}^2\ \Phi_{636}\ \Phi_{424}^2\ \Phi_{212}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
114615	1595	1440	$\frac{1}{144}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{143}{288}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}^3\ \Phi_{160}^2\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_{20}\ \Phi_4\ \Phi_1$
114616	1595	1440	$\frac{1}{144}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{143}{288}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}^3\ \Phi_{160}^2\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_{15}\ \Phi_3\ \Phi_1$
114617	1595	1896	$\frac{3}{316}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{313}{632}$	$\Phi_{1896}^2\ \Phi_{632}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
114618	1595	630	$\frac{4}{315}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{311}{630}$	$\Phi_{630}^2\ \Phi_{315}^3\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^3\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^3\ \Phi_{45}^3\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{15}^4\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_9^3\ \Phi_7^3\ \Phi_6^2\ \Phi_5^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
114619	1595	384	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{65}{384}$	$\frac{63}{128}$	$\Phi_{384}^3\ \Phi_{192}^5\ \Phi_{128}^4\ \Phi_{96}^5\ \Phi_{64}^5\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
114620	1595	1512	$\frac{1}{54}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{53}{108}$	$\Phi_{1512}^2\ \Phi_{504}^2\ \Phi_{216}^2\ \Phi_{168}^2\ \Phi_{108}\ \Phi_{72}^2\ \Phi_{56}^3\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
114621	1595	756	$\frac{1}{54}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{53}{108}$	$\Phi_{756}^4\ \Phi_{252}^4\ \Phi_{108}^5\ \Phi_{84}^4\ \Phi_{42}\ \Phi_{36}^5\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{12}^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
114622	1595	864	$\frac{1}{54}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{53}{108}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{32}^3\ \Phi_{24}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
114623	1595	3780	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{53}{108}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{540}\ \Phi_{420}\ \Phi_{180}\ \Phi_{140}\ \Phi_{108}\ \Phi_{60}\ \Phi_{36}\ \Phi_{35}\ \Phi_{20}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
114624	1595	624	$\frac{7}{312}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{305}{624}$	$\Phi_{624}^5\ \Phi_{208}^5\ \Phi_{48}^5\ \Phi_{24}^2\ \Phi_{16}^5\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
114625	1595	1860	$\frac{9}{310}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{301}{620}$	$\Phi_{1860}^2\ \Phi_{620}\ \Phi_{372}^2\ \Phi_{124}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
114626	1595	3192	$\frac{2}{57}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{152}\ \Phi_{57}\ \Phi_{56}\ \Phi_{19}\ \Phi_8\ \Phi_1$
114627	1595	4536	$\frac{1}{28}$	$\frac{1}{27}$	$\frac{26}{81}$	$\frac{27}{56}$	$\Phi_{4536}\ \Phi_{648}\ \Phi_{81}\ \Phi_{56}\ \Phi_8\ \Phi_1$
114628	1595	504	$\frac{1}{28}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{27}{56}$	$\Phi_{504}^2\ \Phi_{252}^4\ \Phi_{168}^2\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{72}^3\ \Phi_{63}^4\ \Phi_{56}^3\ \Phi_{42}^4\ \Phi_{36}^5\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^4\ \Phi_7^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
114629	1595	1512	$\frac{1}{28}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{27}{56}$	$\Phi_{1512}^2\ \Phi_{504}^2\ \Phi_{216}^2\ \Phi_{168}^2\ \Phi_{72}^2\ \Phi_{56}^3\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_9^2\ \Phi_8^3\ \Phi_3^2\ \Phi_1^3$
114630	1595	168	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{27}{56}$	$\Phi_{168}^{18}\ \Phi_{56}^{19}\ \Phi_{24}^{18}\ \Phi_{12}^5\ \Phi_8^{19}\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
114631	1595	504	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{27}{56}$	$\Phi_{504}^6\ \Phi_{168}^6\ \Phi_{72}^6\ \Phi_{63}\ \Phi_{56}^7\ \Phi_{24}^6\ \Phi_{21}\ \Phi_8^7\ \Phi_7\ \Phi_1$
114632	1595	1824	$\frac{15}{304}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{289}{608}$	$\Phi_{1824}^2\ \Phi_{608}\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
114633	1595	1560	$\frac{1}{30}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}^2\ \Phi_{120}^2\ \Phi_{104}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
114634	1595	600	$\frac{1}{20}$	$\frac{19}{300}$	$\frac{1}{6}$	$\frac{281}{600}$	$\Phi_{600}^5\ \Phi_{200}^5\ \Phi_{120}^5\ \Phi_{60}^2\ \Phi_{40}^5\ \Phi_{30}^2\ \Phi_{24}^5\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8^5\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
114635	1595	1512	$\frac{1}{56}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}^2\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}^2\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
114636	1595	2940	$\frac{2}{147}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{196}\ \Phi_{147}\ \Phi_{140}\ \Phi_{84}\ \Phi_{49}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_7\ \Phi_4\ \Phi_1$
114637	1595	1080	$\frac{1}{72}$	$\frac{1}{10}$	$\frac{71}{216}$	$\frac{9}{20}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{216}^3\ \Phi_{135}^2\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{20}\ \Phi_4\ \Phi_1$
114638	1595	280	$\frac{1}{56}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{56}^5\ \Phi_{40}^5\ \Phi_{35}^6\ \Phi_{28}^5\ \Phi_{20}^6\ \Phi_{14}^5\ \Phi_{10}^5\ \Phi_8^4\ \Phi_7^5\ \Phi_5^5\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
114639	1595	740	$\frac{3}{148}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{740}^2\ \Phi_{370}^2\ \Phi_{185}^2\ \Phi_{148}^3\ \Phi_{74}^3\ \Phi_{37}^3\ \Phi_{20}\ \Phi_4\ \Phi_1$
114640	1595	960	$\frac{1}{48}$	$\frac{1}{10}$	$\frac{47}{192}$	$\frac{9}{20}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{192}^3\ \Phi_{160}^2\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{20}\ \Phi_4\ \Phi_1$
114641	1595	180	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{7}{36}$	$\frac{9}{20}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^8\ \Phi_{45}^8\ \Phi_{36}^{12}\ \Phi_{30}^8\ \Phi_{20}^9\ \Phi_{18}^{12}\ \Phi_{15}^8\ \Phi_{12}^{12}\ \Phi_{10}^8\ \Phi_9^{12}\ \Phi_6^{12}\ \Phi_5^8\ \Phi_4^{13}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
114642	1595	60	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{60}^{48}\ \Phi_{30}^5\ \Phi_{20}^{49}\ \Phi_{15}^5\ \Phi_{12}^{48}\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^{49}\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
114643	1595	840	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{23}{168}$	$\frac{9}{20}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^3\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{20}\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
114644	1595	760	$\frac{7}{152}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{760}^2\ \Phi_{380}^2\ \Phi_{190}^2\ \Phi_{152}^3\ \Phi_{95}^2\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{20}\ \Phi_{19}^3\ \Phi_4\ \Phi_1$
114645	1595	3060	$\frac{8}{153}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{204}\ \Phi_{153}\ \Phi_{68}\ \Phi_{51}\ \Phi_{20}\ \Phi_{17}\ \Phi_4\ \Phi_1$
114646	1595	1620	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{17}{162}$	$\frac{9}{20}$	$\Phi_{1620}^2\ \Phi_{540}^2\ \Phi_{324}^2\ \Phi_{162}\ \Phi_{108}^2\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{20}\ \Phi_4\ \Phi_1$
114647	1595	160	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{160}^{10}\ \Phi_{80}^8\ \Phi_{40}^8\ \Phi_{32}^{15}\ \Phi_{20}^9\ \Phi_{16}^{12}\ \Phi_{10}^8\ \Phi_8^{12}\ \Phi_5^8\ \Phi_4^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
114648	1595	780	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^3\ \Phi_{130}^2\ \Phi_{78}^3\ \Phi_{65}^2\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{26}^3\ \Phi_{20}\ \Phi_{13}^3\ \Phi_4\ \Phi_1$
114649	1595	576	$\frac{1}{32}$	$\frac{31}{288}$	$\frac{1}{6}$	$\frac{257}{576}$	$\Phi_{576}^5\ \Phi_{192}^5\ \Phi_{96}^2\ \Phi_{64}^5\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
114650	1595	1470	$\frac{1}{30}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{294}\ \Phi_{245}\ \Phi_{210}^2\ \Phi_{147}\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{49}\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
114651	1595	960	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{64}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
114652	1595	1680	$\frac{1}{40}$	$\frac{39}{280}$	$\frac{1}{6}$	$\frac{241}{560}$	$\Phi_{1680}^2\ \Phi_{560}\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{120}^2\ \Phi_{112}\ \Phi_{80}\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
114653	1595	480	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{480}^6\ \Phi_{160}^6\ \Phi_{120}^2\ \Phi_{96}^5\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{32}^5\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
114654	1595	1400	$\frac{1}{56}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{280}^2\ \Phi_{200}\ \Phi_{175}\ \Phi_{140}^2\ \Phi_{100}\ \Phi_{70}^2\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
114655	1595	504	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^2\ \Phi_{126}^4\ \Phi_{84}^2\ \Phi_{72}^4\ \Phi_{63}^4\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
114656	1595	336	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{336}^8\ \Phi_{168}^2\ \Phi_{112}^8\ \Phi_{84}^2\ \Phi_{56}\ \Phi_{48}^7\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{16}^7\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
114657	1595	1314	$\frac{1}{146}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1314}\ \Phi_{657}\ \Phi_{438}^2\ \Phi_{219}^2\ \Phi_{146}\ \Phi_{73}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
114658	1595	1536	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{63}{256}$	$\frac{193}{512}$	$\Phi_{1536}^2\ \Phi_{512}\ \Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
114659	1595	2568	$\frac{2}{321}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2568}\ \Phi_{856}\ \Phi_{321}\ \Phi_{107}\ \Phi_8\ \Phi_1$
114660	1595	3816	$\frac{1}{159}$	$\frac{1}{4}$	$\frac{158}{477}$	$\frac{3}{8}$	$\Phi_{3816}\ \Phi_{477}\ \Phi_{72}\ \Phi_9\ \Phi_8\ \Phi_1$
114661	1595	1168	$\frac{1}{146}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1168}^2\ \Phi_{292}^2\ \Phi_{146}\ \Phi_{73}\ \Phi_{16}\ \Phi_4\ \Phi_1$
114662	1595	424	$\frac{1}{106}$	$\frac{105}{424}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{424}^3\ \Phi_{212}^5\ \Phi_{106}^4\ \Phi_{53}^4\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
114663	1595	648	$\frac{5}{324}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{648}^4\ \Phi_{324}\ \Phi_{216}^4\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}^4\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8^3\ \Phi_4\ \Phi_1$
114664	1595	2968	$\frac{1}{53}$	$\frac{52}{371}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2968}\ \Phi_{371}\ \Phi_{56}\ \Phi_8\ \Phi_7\ \Phi_1$
114665	1595	1272	$\frac{5}{159}$	$\frac{14}{159}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1272}^2\ \Phi_{424}^2\ \Phi_{159}^2\ \Phi_{53}^2\ \Phi_{24}^2\ \Phi_8^3\ \Phi_3^2\ \Phi_1^3$
114666	1595	120	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^{22}\ \Phi_{60}^6\ \Phi_{40}^{22}\ \Phi_{30}^5\ \Phi_{24}^{18}\ \Phi_{20}^6\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_8^{19}\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
114667	1595	420	$\frac{1}{30}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{420}^6\ \Phi_{210}^2\ \Phi_{140}^6\ \Phi_{105}^2\ \Phi_{84}^5\ \Phi_{70}^2\ \Phi_{60}^6\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^5\ \Phi_{21}^2\ \Phi_{20}^6\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^5\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4^5\ \Phi_3\ \Phi_1$
114668	1595	480	$\frac{1}{80}$	$\frac{1}{6}$	$\frac{79}{240}$	$\frac{161}{480}$	$\Phi_{480}^5\ \Phi_{240}^2\ \Phi_{160}^5\ \Phi_{120}^2\ \Phi_{96}^5\ \Phi_{80}\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{32}^5\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
114669	1595	798	$\frac{2}{57}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{114}^2\ \Phi_{57}^3\ \Phi_{42}\ \Phi_{38}^2\ \Phi_{21}\ \Phi_{19}^3\ \Phi_6\ \Phi_3\ \Phi_1$
114670	1595	735	$\frac{2}{147}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}^3\ \Phi_{105}^2\ \Phi_{49}^3\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_{15}\ \Phi_7^3\ \Phi_3\ \Phi_1$
114671	1595	1824	$\frac{2}{57}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{152}\ \Phi_{57}\ \Phi_{32}\ \Phi_{19}\ \Phi_{16}\ \Phi_8\ \Phi_1$
114672	1595	504	$\frac{1}{56}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^4\ \Phi_{126}^3\ \Phi_{84}^4\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{42}^4\ \Phi_{36}^2\ \Phi_{28}^3\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
114673	1595	1995	$\frac{2}{57}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{285}\ \Phi_{95}\ \Phi_{57}\ \Phi_{35}\ \Phi_{19}\ \Phi_5\ \Phi_1$
114674	1595	1080	$\frac{1}{72}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{71}{216}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{216}^3\ \Phi_{135}^2\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{15}\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
114675	1595	384	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{65}{384}$	$\frac{31}{96}$	$\Phi_{384}^{5}\ \Phi_{192}^{5}\ \Phi_{128}^{5}\ \Phi_{96}^{2}\ \Phi_{64}^{5}\ \Phi_{48}^{2}\ \Phi_{32}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
114676	1595	1134	$\frac{1}{27}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{26}{81}$	$\Phi_{1134}^{2}\ \Phi_{567}^{2}\ \Phi_{162}^{2}\ \Phi_{81}^{3}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
114677	1595	2592	$\frac{1}{27}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{26}{81}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{81}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
114678	1595	2835	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{26}{81}$	$\Phi_{2835}\ \Phi_{405}\ \Phi_{81}\ \Phi_{35}\ \Phi_{5}\ \Phi_{1}$
114679	1595	360	$\frac{1}{20}$	$\frac{41}{360}$	$\frac{1}{6}$	$\frac{19}{60}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}^{5}\ \Phi_{90}^{5}\ \Phi_{72}^{5}\ \Phi_{60}^{2}\ \Phi_{45}^{5}\ \Phi_{40}^{5}\ \Phi_{36}^{5}\ \Phi_{30}^{2}\ \Phi_{24}^{5}\ \Phi_{20}\ \Phi_{18}^{5}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
114680	1595	96	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{6}$	$\frac{5}{16}$	$\Phi_{96}^{22}\ \Phi_{48}^{18}\ \Phi_{32}^{11}\ \Phi_{24}^{18}\ \Phi_{16}^{9}\ \Phi_{12}^{18}\ \Phi_{8}^{9}\ \Phi_{6}^{17}\ \Phi_{4}^{9}\ \Phi_{3}^{17}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
114681	1595	504	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{17}{72}$	$\frac{13}{42}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{168}^{4}\ \Phi_{84}^{4}\ \Phi_{72}^{5}\ \Phi_{56}^{4}\ \Phi_{42}\ \Phi_{36}^{5}\ \Phi_{28}^{4}\ \Phi_{24}^{5}\ \Phi_{21}\ \Phi_{12}^{5}\ \Phi_{8}^{5}\ \Phi_{6}\ \Phi_{4}^{5}\ \Phi_{3}\ \Phi_{1}$
114682	1595	378	$\frac{1}{14}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{13}{42}$	$\Phi_{378}^{4}\ \Phi_{189}^{4}\ \Phi_{126}^{4}\ \Phi_{63}^{4}\ \Phi_{54}^{4}\ \Phi_{42}^{5}\ \Phi_{27}^{6}\ \Phi_{21}^{5}\ \Phi_{18}^{4}\ \Phi_{14}^{4}\ \Phi_{9}^{6}\ \Phi_{7}^{4}\ \Phi_{6}^{5}\ \Phi_{3}^{7}\ \Phi_{2}^{4}\ \Phi_{1}^{7}$
114683	1595	84	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{13}{42}$	$\Phi_{84}^{20}\ \Phi_{42}^{17}\ \Phi_{28}^{20}\ \Phi_{21}^{17}\ \Phi_{14}^{16}\ \Phi_{12}^{25}\ \Phi_{7}^{16}\ \Phi_{6}^{21}\ \Phi_{4}^{25}\ \Phi_{3}^{21}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
114684	1595	126	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{13}{42}$	$\Phi_{126}^{12}\ \Phi_{63}^{13}\ \Phi_{42}^{13}\ \Phi_{21}^{14}\ \Phi_{18}^{12}\ \Phi_{14}^{12}\ \Phi_{9}^{12}\ \Phi_{7}^{13}\ \Phi_{6}^{13}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
114685	1595	360	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{2}\ \Phi_{90}^{6}\ \Phi_{72}^{5}\ \Phi_{60}^{2}\ \Phi_{45}^{6}\ \Phi_{40}^{2}\ \Phi_{36}^{5}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{18}^{5}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{9}^{5}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
114686	1595	336	$\frac{17}{336}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{336}^{5}\ \Phi_{168}^{5}\ \Phi_{112}^{5}\ \Phi_{84}^{5}\ \Phi_{56}^{5}\ \Phi_{48}^{5}\ \Phi_{42}^{5}\ \Phi_{28}^{5}\ \Phi_{24}^{2}\ \Phi_{21}^{5}\ \Phi_{16}^{5}\ \Phi_{14}^{5}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{7}^{5}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
114687	1595	210	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{210}^{8}\ \Phi_{105}^{8}\ \Phi_{70}^{8}\ \Phi_{42}^{8}\ \Phi_{35}^{8}\ \Phi_{30}^{7}\ \Phi_{21}^{8}\ \Phi_{15}^{7}\ \Phi_{14}^{3}\ \Phi_{10}^{7}\ \Phi_{7}^{5}\ \Phi_{6}^{7}\ \Phi_{5}^{7}\ \Phi_{3}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{5}$
114688	1595	2220	$\frac{3}{148}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{555}\ \Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
114689	1595	960	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{47}{192}$	$\frac{4}{15}$	$\Phi_{960}^{2}\ \Phi_{480}^{2}\ \Phi_{320}^{2}\ \Phi_{192}^{3}\ \Phi_{160}^{2}\ \Phi_{96}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
114690	1595	180	$\frac{1}{36}$	$\frac{7}{36}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{180}^{8}\ \Phi_{90}^{8}\ \Phi_{60}^{8}\ \Phi_{45}^{8}\ \Phi_{36}^{12}\ \Phi_{30}^{8}\ \Phi_{20}^{8}\ \Phi_{18}^{12}\ \Phi_{15}^{9}\ \Phi_{12}^{12}\ \Phi_{10}^{8}\ \Phi_{9}^{12}\ \Phi_{6}^{12}\ \Phi_{5}^{8}\ \Phi_{4}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
114691	1595	30	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{30}^{53}\ \Phi_{15}^{54}\ \Phi_{10}^{53}\ \Phi_{6}^{52}\ \Phi_{5}^{53}\ \Phi_{3}^{53}\ \Phi_{2}^{52}\ \Phi_{1}^{53}$
114692	1595	840	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{3}\ \Phi_{140}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{3}\ \Phi_{70}^{2}\ \Phi_{56}^{3}\ \Phi_{42}^{3}\ \Phi_{35}^{2}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{15}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{3}\ \Phi_{1}$
114693	1595	2280	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
114694	1595	765	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{765}^{2}\ \Phi_{255}^{2}\ \Phi_{153}^{3}\ \Phi_{85}^{2}\ \Phi_{51}^{3}\ \Phi_{17}^{3}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
114695	1595	810	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{810}^{2}\ \Phi_{405}^{2}\ \Phi_{270}^{2}\ \Phi_{162}^{3}\ \Phi_{135}^{2}\ \Phi_{81}^{3}\ \Phi_{54}^{3}\ \Phi_{27}^{3}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
114696	1595	480	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{480}^{5}\ \Phi_{240}^{4}\ \Phi_{120}^{4}\ \Phi_{96}^{5}\ \Phi_{60}^{4}\ \Phi_{48}^{4}\ \Phi_{32}^{5}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{16}^{4}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
114697	1595	780	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}^{2}\ \Phi_{156}^{3}\ \Phi_{130}^{2}\ \Phi_{78}^{3}\ \Phi_{65}^{2}\ \Phi_{52}^{3}\ \Phi_{39}^{3}\ \Phi_{26}^{3}\ \Phi_{15}\ \Phi_{13}^{3}\ \Phi_{3}\ \Phi_{1}$
114698	1595	288	$\frac{1}{18}$	$\frac{3}{32}$	$\frac{17}{72}$	$\frac{1}{4}$	$\Phi_{288}^{6}\ \Phi_{144}^{6}\ \Phi_{96}^{6}\ \Phi_{72}^{3}\ \Phi_{48}^{6}\ \Phi_{36}^{5}\ \Phi_{32}^{7}\ \Phi_{24}^{3}\ \Phi_{18}^{4}\ \Phi_{16}^{7}\ \Phi_{12}^{5}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
114699	1595	864	$\frac{2}{27}$	$\frac{3}{32}$	$\frac{5}{27}$	$\frac{1}{4}$	$\Phi_{864}^{2}\ \Phi_{432}^{2}\ \Phi_{288}^{2}\ \Phi_{216}^{2}\ \Phi_{144}^{2}\ \Phi_{96}^{2}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{32}^{3}\ \Phi_{27}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
114700	1595	96	$\frac{1}{12}$	$\frac{3}{32}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{96}^{18}\ \Phi_{48}^{18}\ \Phi_{32}^{19}\ \Phi_{24}^{18}\ \Phi_{16}^{19}\ \Phi_{12}^{5}\ \Phi_{8}^{19}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
114701	1595	2016	$\frac{3}{32}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{4}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{63}\ \Phi_{56}\ \Phi_{32}\ \Phi_{21}\ \Phi_{16}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
114702	1595	420	$\frac{4}{105}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{101}{420}$	$\Phi_{420}^{5}\ \Phi_{210}^{2}\ \Phi_{140}^{5}\ \Phi_{105}^{3}\ \Phi_{84}^{5}\ \Phi_{70}^{2}\ \Phi_{60}^{5}\ \Phi_{42}^{2}\ \Phi_{35}^{3}\ \Phi_{30}^{3}\ \Phi_{28}^{5}\ \Phi_{21}^{3}\ \Phi_{20}^{5}\ \Phi_{15}^{4}\ \Phi_{14}^{2}\ \Phi_{12}^{5}\ \Phi_{10}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{5}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
114703	1595	2520	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{17}{72}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{180}\ \Phi_{140}\ \Phi_{120}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{35}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
114704	1595	1248	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{97}{416}$	$\Phi_{1248}^{2}\ \Phi_{624}^{2}\ \Phi_{416}\ \Phi_{208}\ \Phi_{96}^{2}\ \Phi_{48}^{2}\ \Phi_{32}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
114705	1595	1200	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{19}{100}$	$\frac{81}{400}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}\ \Phi_{240}^2\ \Phi_{200}\ \Phi_{120}^2\ \Phi_{80}\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{30}^2$ $\Phi_{24}^2\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
114706	1595	1050	$\frac{31}{350}$	$\frac{4}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}^2\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{50}\ \Phi_{42}\ \Phi_{35}$ $\Phi_{30}^2\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
114707	1595	360	$\frac{4}{45}$	$\frac{41}{360}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^2\ \Phi_{72}^5\ \Phi_{60}^5\ \Phi_{45}^3\ \Phi_{40}^5\ \Phi_{36}^5\ \Phi_{30}^3\ \Phi_{24}^5\ \Phi_{20}^5$ $\Phi_{18}^2\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^3\ \Phi_9^3\ \Phi_8^5\ \Phi_6^2\ \Phi_5^3\ \Phi_4^5\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
114708	1595	945	$\frac{2}{27}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{5}{27}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{45}^2\ \Phi_{35}^3\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^3\ \Phi_3^2\ \Phi_1^3$
114709	1595	420	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{35}$	$\Phi_{420}^5\ \Phi_{210}^4\ \Phi_{140}^5\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{60}^5\ \Phi_{35}^5\ \Phi_{30}^4\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4$ $\Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
114710	1595	315	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{315}^6\ \Phi_{105}^6\ \Phi_{63}\ \Phi_{45}^6\ \Phi_{35}^7\ \Phi_{21}\ \Phi_{15}^6\ \Phi_7\ \Phi_5^7\ \Phi_1$
114711	1596	2388	$\frac{1}{398}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{397}{796}$	$\Phi_{2388}\ \Phi_{796}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
114712	1596	638	$\frac{1}{319}$	$\frac{80}{319}$	$\frac{239}{638}$	$\frac{159}{319}$	$\Phi_{638}^4\ \Phi_{319}\ \Phi_{58}^4\ \Phi_{29}\ \Phi_{22}^4\ \Phi_{11}\ \Phi_2^4\ \Phi_1^2$
114713	1596	265	$\frac{1}{265}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{132}{265}$	$\Phi_{265}^6\ \Phi_{53}^6\ \Phi_5^7\ \Phi_1^8$
114714	1596	3180	$\frac{1}{265}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{132}{265}$	$\Phi_{3180}\ \Phi_{1590}\ \Phi_{636}\ \Phi_{318}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
114715	1596	1595	$\frac{7}{1595}$	$\frac{267}{1595}$	$\frac{664}{1595}$	$\frac{794}{1595}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
114716	1596	2724	$\frac{1}{227}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{113}{227}$	$\Phi_{2724}\ \Phi_{908}\ \Phi_{227}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
114717	1596	2043	$\frac{1}{227}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{113}{227}$	$\Phi_{2043}\ \Phi_{227}\ \Phi_9^2\ \Phi_1^2$
114718	1596	2132	$\frac{3}{533}$	$\frac{1}{4}$	$\frac{134}{533}$	$\frac{265}{533}$	$\Phi_{2132}\ \Phi_{1066}\ \Phi_{164}\ \Phi_{82}\ \Phi_{52}\ \Phi_{26}$
114719	1596	1595	$\frac{9}{1595}$	$\frac{398}{1595}$	$\frac{401}{1595}$	$\frac{793}{1595}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
114720	1596	2397	$\frac{5}{799}$	$\frac{134}{799}$	$\frac{1}{3}$	$\frac{397}{799}$	$\Phi_{2397}\ \Phi_{141}\ \Phi_{51}$
114721	1596	725	$\frac{1}{145}$	$\frac{73}{725}$	$\frac{326}{725}$	$\frac{72}{145}$	$\Phi_{725}^2\ \Phi_{145}^3\ \Phi_{29}^3\ \Phi_{25}^2\ \Phi_5^3\ \Phi_1^4$
114722	1596	264	$\frac{1}{132}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{131}{264}$	$\Phi_{264}^{12}\ \Phi_{88}^{12}\ \Phi_{24}^{12}\ \Phi_{11}\ \Phi_8^{12}\ \Phi_1^2$
114723	1596	1848	$\frac{1}{132}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{131}{264}$	$\Phi_{1848}^2\ \Phi_{616}^2\ \Phi_{168}^2\ \Phi_{56}^2\ \Phi_{21}$
114724	1596	264	$\frac{1}{132}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{131}{264}$	$\Phi_{264}^{12}\ \Phi_{88}^{12}\ \Phi_{24}^{12}\ \Phi_{11}\ \Phi_8^{12}\ \Phi_1^2$
114725	1596	1320	$\frac{1}{132}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{131}{264}$	$\Phi_{1320}^3\ \Phi_{440}^3\ \Phi_{120}^3\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
114726	1596	1469	$\frac{1}{113}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{56}{113}$	$\Phi_{1469}\ \Phi_{113}^2\ \Phi_{13}^2\ \Phi_1^4$
114727	1596	2712	$\frac{1}{113}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{56}{113}$	$\Phi_{2712}\ \Phi_{1356}\ \Phi_{678}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
114728	1596	319	$\frac{3}{319}$	$\frac{23}{319}$	$\frac{148}{319}$	$\frac{158}{319}$	$\Phi_{319}^5\ \Phi_{29}^5\ \Phi_{11}^5\ \Phi_1^6$
114729	1596	790	$\frac{4}{395}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{391}{790}$	$\Phi_{790}^4\ \Phi_{158}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
114730	1596	1246	$\frac{1}{89}$	$\frac{1}{7}$	$\frac{45}{178}$	$\frac{44}{89}$	$\Phi_{1246}^2\ \Phi_{623}\ \Phi_{14}^2$
114731	1596	2988	$\frac{1}{83}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{41}{83}$	$\Phi_{2988}\ \Phi_{996}\ \Phi_{332}\ \Phi_{83}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
114732	1596	1743	$\frac{1}{83}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{41}{83}$	$\Phi_{1743}\ \Phi_{581}\ \Phi_{83}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
114733	1596	2241	$\frac{1}{83}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{41}{83}$	$\Phi_{2241}\ \Phi_{83}\ \Phi_{27}^2\ \Phi_1^2$
114734	1596	1992	$\frac{1}{83}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{41}{83}$	$\Phi_{1992}\ \Phi_{996}\ \Phi_{664}\ \Phi_{332}\ \Phi_{83}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
114735	1596	160	$\frac{1}{80}$	$\frac{27}{160}$	$\frac{1}{5}$	$\frac{79}{160}$	$\Phi_{160}^8\ \Phi_{80}^{12}\ \Phi_{40}^{12}\ \Phi_{32}^8\ \Phi_{20}^{12}\ \Phi_{16}^{12}\ \Phi_{10}^{12}\ \Phi_8^{12}\ \Phi_5^{11}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
114736	1596	1832	$\frac{3}{229}$	$\frac{1}{8}$	$\frac{58}{229}$	$\frac{113}{229}$	$\Phi_{1832}\ \Phi_{916}\ \Phi_{458}$
114737	1596	600	$\frac{1}{75}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{37}{75}$	$\Phi_{600}^5\ \Phi_{200}^5\ \Phi_{120}^5\ \Phi_{75}\ \Phi_{40}^6\ \Phi_{25}\ \Phi_{24}^5\ \Phi_{15}\ \Phi_8^6\ \Phi_5\ \Phi_3\ \Phi_1^2$
114738	1596	150	$\frac{1}{75}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{37}{75}$	$\Phi_{150}^{10}\ \Phi_{75}^{11}\ \Phi_{50}^{10}\ \Phi_{30}^{10}\ \Phi_{25}^{11}\ \Phi_{15}^{11}\ \Phi_{10}^{12}\ \Phi_6^{10}\ \Phi_5^{13}\ \Phi_3^{11}\ \Phi_2^{12}\ \Phi_1^{14}$
114739	1596	600	$\frac{1}{75}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{37}{75}$	$\Phi_{600}^3\ \Phi_{300}^2\ \Phi_{200}^3\ \Phi_{150}^2\ \Phi_{120}^3\ \Phi_{100}^2\ \Phi_{75}^3\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{40}^3\ \Phi_{30}^2$ $\Phi_{25}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^6\ \Phi_6^2\ \Phi_5^3\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
114740	1596	75	$\frac{1}{75}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{37}{75}$	$\Phi_{75}^{21}\ \Phi_{25}^{22}\ \Phi_{15}^{21}\ \Phi_5^{21}\ \Phi_3^{21}\ \Phi_1^{22}$
114741	1596	319	$\frac{5}{319}$	$\frac{34}{319}$	$\frac{81}{319}$	$\frac{157}{319}$	$\Phi_{319}^5\ \Phi_{29}^5\ \Phi_{11}^5\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
114742	1596	319	$\frac{5}{319}$	$\frac{53}{319}$	$\frac{54}{319}$	$\frac{157}{319}$	$\Phi_{319}^{5}\ \Phi_{29}^{5}\ \Phi_{11}^{5}\ \Phi_{1}^{6}$
114743	1596	2397	$\frac{13}{799}$	$\frac{58}{799}$	$\frac{1}{3}$	$\frac{393}{799}$	$\Phi_{2397}\ \Phi_{141}\ \Phi_{51}$
114744	1596	3024	$\frac{1}{56}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{55}{112}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}^{2}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
114745	1596	1680	$\frac{1}{56}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{55}{112}$	$\Phi_{1680}^{2}\ \Phi_{560}^{2}\ \Phi_{336}\ \Phi_{240}^{2}\ \Phi_{112}^{2}\ \Phi_{80}^{2}\ \Phi_{48}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
114746	1596	1008	$\frac{1}{56}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{55}{112}$	$\Phi_{1008}^{3}\ \Phi_{336}^{3}\ \Phi_{144}^{3}\ \Phi_{112}^{4}\ \Phi_{48}^{3}\ \Phi_{16}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
114747	1596	560	$\frac{1}{56}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{55}{112}$	$\Phi_{560}^{7}\ \Phi_{80}^{7}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
114748	1596	110	$\frac{1}{55}$	$\frac{2}{55}$	$\frac{53}{110}$	$\frac{27}{55}$	$\Phi_{110}^{28}\ \Phi_{55}\ \Phi_{22}^{28}\ \Phi_{11}\ \Phi_{10}^{28}\ \Phi_{5}\ \Phi_{2}^{28}\ \Phi_{1}^{2}$
114749	1596	55	$\frac{1}{55}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{27}{55}$	$\Phi_{55}^{29}\ \Phi_{11}^{29}\ \Phi_{5}^{29}\ \Phi_{1}^{30}$
114750	1596	440	$\frac{1}{55}$	$\frac{41}{440}$	$\frac{14}{55}$	$\frac{27}{55}$	$\Phi_{440}^{4}\ \Phi_{220}^{4}\ \Phi_{110}^{4}\ \Phi_{88}^{4}\ \Phi_{55}\ \Phi_{44}^{4}\ \Phi_{40}^{4}\ \Phi_{22}^{4}\ \Phi_{20}^{4}\ \Phi_{11}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
114751	1596	261	$\frac{5}{261}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{128}{261}$	$\Phi_{261}^{6}\ \Phi_{87}^{6}\ \Phi_{29}^{7}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
114752	1596	261	$\frac{5}{261}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{128}{261}$	$\Phi_{261}^{6}\ \Phi_{87}^{6}\ \Phi_{29}^{7}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
114753	1596	2346	$\frac{8}{391}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{383}{782}$	$\Phi_{2346}^{2}\ \Phi_{138}^{2}\ \Phi_{102}^{2}\ \Phi_{51}\ \Phi_{6}^{2}$
114754	1596	141	$\frac{1}{47}$	$\frac{8}{141}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{141}^{11}\ \Phi_{47}^{12}\ \Phi_{3}^{10}\ \Phi_{1}^{12}$
114755	1596	1832	$\frac{5}{229}$	$\frac{1}{8}$	$\frac{39}{229}$	$\frac{112}{229}$	$\Phi_{1832}\ \Phi_{916}\ \Phi_{458}$
114756	1596	260	$\frac{3}{130}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{127}{260}$	$\Phi_{260}^{4}\ \Phi_{130}^{8}\ \Phi_{65}^{8}\ \Phi_{52}^{5}\ \Phi_{26}^{9}\ \Phi_{20}^{4}\ \Phi_{13}^{8}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
114757	1596	260	$\frac{3}{130}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{127}{260}$	$\Phi_{260}^{12}\ \Phi_{52}^{12}\ \Phi_{20}^{12}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{12}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
114758	1596	1595	$\frac{37}{1595}$	$\frac{189}{1595}$	$\frac{272}{1595}$	$\frac{779}{1595}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
114759	1596	1517	$\frac{1}{41}$	$\frac{1}{37}$	$\frac{18}{37}$	$\frac{20}{41}$	$\Phi_{1517}\ \Phi_{41}^{2}\ \Phi_{37}^{2}\ \Phi_{1}^{4}$
114760	1596	2460	$\frac{1}{41}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{615}\ \Phi_{492}\ \Phi_{246}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
114761	1596	164	$\frac{1}{41}$	$\frac{3}{41}$	$\frac{1}{4}$	$\frac{20}{41}$	$\Phi_{164}^{13}\ \Phi_{82}^{13}\ \Phi_{4}^{12}\ \Phi_{2}^{12}$
114762	1596	1595	$\frac{39}{1595}$	$\frac{43}{1595}$	$\frac{776}{1595}$	$\frac{778}{1595}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
114763	1596	2442	$\frac{1}{37}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{2442}\ \Phi_{1221}\ \Phi_{222}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{6}^{2}$
114764	1596	1517	$\frac{1}{37}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{18}{37}$	$\Phi_{1517}\ \Phi_{41}^{2}\ \Phi_{37}^{2}\ \Phi_{1}^{4}$
114765	1596	2220	$\frac{1}{37}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{18}{37}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{740}\ \Phi_{444}\ \Phi_{370}\ \Phi_{222}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}$
114766	1596	1517	$\frac{1}{37}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{18}{37}$	$\Phi_{1517}\ \Phi_{41}^{2}\ \Phi_{37}^{2}\ \Phi_{1}^{4}$
114767	1596	2072	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{18}{37}$	$\Phi_{2072}\ \Phi_{1036}\ \Phi_{518}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
114768	1596	775	$\frac{23}{775}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{376}{775}$	$\Phi_{775}^{2}\ \Phi_{155}^{2}\ \Phi_{31}^{2}\ \Phi_{25}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
114769	1596	174	$\frac{1}{29}$	$\frac{5}{87}$	$\frac{41}{174}$	$\frac{14}{29}$	$\Phi_{174}^{12}\ \Phi_{87}^{6}\ \Phi_{58}^{12}\ \Phi_{29}^{7}\ \Phi_{6}^{12}\ \Phi_{3}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{8}$
114770	1596	145	$\frac{1}{29}$	$\frac{12}{145}$	$\frac{5}{29}$	$\frac{14}{29}$	$\Phi_{145}^{12}\ \Phi_{29}^{7}\ \Phi_{5}^{12}\ \Phi_{1}^{8}$
114771	1596	340	$\frac{3}{85}$	$\frac{1}{20}$	$\frac{22}{85}$	$\frac{41}{85}$	$\Phi_{340}^{5}\ \Phi_{170}^{5}\ \Phi_{85}^{4}\ \Phi_{68}^{5}\ \Phi_{34}^{5}\ \Phi_{20}^{4}\ \Phi_{17}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
114772	1596	1595	$\frac{57}{1595}$	$\frac{59}{1595}$	$\frac{512}{1595}$	$\frac{769}{1595}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
114773	1596	110	$\frac{2}{55}$	$\frac{3}{55}$	$\frac{13}{55}$	$\frac{53}{110}$	$\Phi_{110}^{28}\ \Phi_{55}\ \Phi_{22}^{28}\ \Phi_{11}\ \Phi_{10}^{28}\ \Phi_{5}\ \Phi_{2}^{28}\ \Phi_{1}^{2}$
114774	1596	330	$\frac{2}{55}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{53}{110}$	$\Phi_{330}^{10}\ \Phi_{110}^{8}\ \Phi_{66}^{10}\ \Phi_{30}^{10}\ \Phi_{22}^{8}\ \Phi_{15}^{4}\ \Phi_{10}^{8}\ \Phi_{6}^{10}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
114775	1596	330	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{53}{110}$	$\Phi_{330}^{11}\ \Phi_{110}^{6}\ \Phi_{66}^{11}\ \Phi_{33}^{2}\ \Phi_{30}^{11}\ \Phi_{22}^{6}\ \Phi_{11}\ \Phi_{10}^{6}\ \Phi_{6}^{11}\ \Phi_{3}^{2}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
114776	1596	756	$\frac{1}{28}$	$\frac{1}{27}$	$\frac{9}{28}$	$\frac{13}{27}$	$\Phi_{756}^{2}\ \Phi_{378}^{2}\ \Phi_{252}^{2}\ \Phi_{189}^{2}\ \Phi_{126}^{2}\ \Phi_{108}^{2}\ \Phi_{84}^{2}\ \Phi_{63}^{2}\ \Phi_{54}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{4}\ \Phi_{27}^{3}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{4}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
114777	1596	540	$\frac{1}{27}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{540}^{3}\ \Phi_{270}^{3}\ \Phi_{180}^{3}\ \Phi_{135}^{3}\ \Phi_{108}^{2}\ \Phi_{90}^{3}\ \Phi_{60}^{3}\ \Phi_{54}^{2}\ \Phi_{45}^{3}\ \Phi_{36}^{2}\ \Phi_{30}^{3}\ \Phi_{27}^{3}\ \Phi_{20}^{6}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{6}\ \Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
114778	1596	1890	$\frac{1}{27}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{13}{27}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{135}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}^2\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
114779	1596	189	$\frac{1}{27}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{13}{27}$	$\Phi_{189}^8\ \Phi_{63}^8\ \Phi_{27}^9\ \Phi_{21}^{11}\ \Phi_9^9\ \Phi_7^{10}\ \Phi_3^{12}\ \Phi_1^{12}$
114780	1596	1728	$\frac{1}{27}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{13}{27}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{27}\ \Phi_{16}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
114781	1596	154	$\frac{3}{77}$	$\frac{1}{22}$	$\frac{20}{77}$	$\frac{37}{77}$	$\Phi_{154}^{11}\ \Phi_{77}^{10}\ \Phi_{22}^{10}\ \Phi_{14}^{11}\ \Phi_{11}^9\ \Phi_7^{10}\ \Phi_2^{10}\ \Phi_1^{10}$
114782	1596	1280	$\frac{5}{128}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{123}{256}$	$\Phi_{1280}^3\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
114783	1596	345	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{4}{23}$	$\frac{11}{23}$	$\Phi_{345}^5\ \Phi_{115}^5\ \Phi_{69}^5\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^4$
114784	1596	1595	$\frac{71}{1595}$	$\frac{119}{1595}$	$\frac{246}{1595}$	$\frac{762}{1595}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
114785	1596	1595	$\frac{62}{1595}$	$\frac{73}{1595}$	$\frac{417}{1595}$	$\frac{761}{1595}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
114786	1596	1595	$\frac{73}{1595}$	$\frac{139}{1595}$	$\frac{208}{1595}$	$\frac{761}{1595}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
114787	1596	2397	$\frac{22}{799}$	$\frac{37}{799}$	$\frac{1}{3}$	$\frac{381}{799}$	$\Phi_{2397}\ \Phi_{141}\ \Phi_{51}$
114788	1596	1832	$\frac{11}{229}$	$\frac{20}{229}$	$\frac{1}{8}$	$\frac{109}{229}$	$\Phi_{1832}\ \Phi_{916}\ \Phi_{458}$
114789	1596	145	$\frac{4}{145}$	$\frac{7}{145}$	$\frac{47}{145}$	$\frac{69}{145}$	$\Phi_{145}^{11}\ \Phi_{29}^{11}\ \Phi_5^{11}\ \Phi_1^{12}$
114790	1596	1869	$\frac{13}{267}$	$\frac{20}{267}$	$\frac{1}{7}$	$\frac{127}{267}$	$\Phi_{1869}\ \Phi_{623}\ \Phi_{21}$
114791	1596	1595	$\frac{79}{1595}$	$\frac{94}{1595}$	$\frac{279}{1595}$	$\frac{758}{1595}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
114792	1596	1560	$\frac{1}{39}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}^2\ \Phi_{120}\ \Phi_{104}^2\ \Phi_{40}^2\ \Phi_{39}^2\ \Phi_{24}\ \Phi_{13}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
114793	1596	200	$\frac{1}{25}$	$\frac{1}{20}$	$\frac{6}{25}$	$\frac{19}{40}$	$\Phi_{200}^{15}\ \Phi_{40}^{16}\ \Phi_{25}^3\ \Phi_8^{16}\ \Phi_5^3\ \Phi_1^4$
114794	1596	40	$\frac{1}{20}$	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{40}^{76}\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^{76}\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
114795	1596	360	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{19}{40}$	$\Phi_{360}^{10}\ \Phi_{120}^5\ \Phi_{72}^{10}\ \Phi_{45}^2\ \Phi_{40}^6\ \Phi_{24}^5\ \Phi_{15}\ \Phi_9^2\ \Phi_8^6\ \Phi_5\ \Phi_3\ \Phi_1^2$
114796	1596	2132	$\frac{20}{533}$	$\frac{27}{533}$	$\frac{1}{4}$	$\frac{253}{533}$	$\Phi_{2132}\ \Phi_{1066}\ \Phi_{164}\ \Phi_{82}\ \Phi_{52}\ \Phi_{26}$
114797	1596	1595	$\frac{56}{1595}$	$\frac{81}{1595}$	$\frac{419}{1595}$	$\frac{757}{1595}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
114798	1596	2397	$\frac{20}{799}$	$\frac{41}{799}$	$\frac{1}{3}$	$\frac{379}{799}$	$\Phi_{2397}\ \Phi_{141}\ \Phi_{51}$
114799	1596	1548	$\frac{1}{43}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{1548}^2\ \Phi_{516}^2\ \Phi_{172}^2\ \Phi_{129}$
114800	1596	2988	$\frac{2}{83}$	$\frac{1}{18}$	$\frac{27}{83}$	$\frac{17}{36}$	$\Phi_{2988}\ \Phi_{996}\ \Phi_{332}\ \Phi_{83}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
114801	1596	1044	$\frac{1}{29}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{1044}\ \Phi_{522}^2\ \Phi_{348}\ \Phi_{261}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}^2\ \Phi_{58}^3\ \Phi_{29}^2$
114802	1596	2988	$\frac{3}{83}$	$\frac{1}{18}$	$\frac{20}{83}$	$\frac{17}{36}$	$\Phi_{2988}\ \Phi_{996}\ \Phi_{332}\ \Phi_{83}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
114803	1596	1980	$\frac{1}{22}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{1980}^2\ \Phi_{660}^2\ \Phi_{220}^2\ \Phi_{180}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{20}\ \Phi_{10}$
114804	1596	2988	$\frac{1}{18}$	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{17}{36}$	$\Phi_{2988}\ \Phi_{996}\ \Phi_{332}\ \Phi_{83}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
114805	1596	1260	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{17}{36}$	$\Phi_{1260}^3\ \Phi_{420}^3\ \Phi_{252}^2\ \Phi_{140}^3\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}$
114806	1596	2988	$\frac{1}{18}$	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{17}{36}$	$\Phi_{2988}\ \Phi_{996}\ \Phi_{332}\ \Phi_{83}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
114807	1596	936	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{17}{36}$	$\Phi_{936}^2\ \Phi_{468}\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}\ \Phi_{117}^2\ \Phi_{104}^3\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{13}^2$
114808	1596	754	$\frac{1}{29}$	$\frac{22}{377}$	$\frac{7}{29}$	$\frac{355}{754}$	$\Phi_{754}^4\ \Phi_{58}^4\ \Phi_{29}^3\ \Phi_{26}^4\ \Phi_2^4\ \Phi_1^4$
114809	1596	408	$\frac{3}{136}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{408}^6\ \Phi_{204}^6\ \Phi_{102}^6\ \Phi_{51}^5\ \Phi_{24}^6\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^4$
114810	1596	340	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{340}^5\ \Phi_{170}^5\ \Phi_{85}^5\ \Phi_{68}^5\ \Phi_{34}^5\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4$
114811	1596	2256	$\frac{1}{47}$	$\frac{23}{376}$	$\frac{1}{3}$	$\frac{353}{752}$	$\Phi_{2256}^2\ \Phi_{141}\ \Phi_{48}^2$
114812	1596	2080	$\frac{17}{416}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
114813	1596	250	$\frac{1}{25}$	$\frac{8}{125}$	$\frac{1}{5}$	$\frac{117}{250}$	$\Phi_{250}^{12}\ \Phi_{50}^{12}\ \Phi_{25}^4\ \Phi_{10}^{12}\ \Phi_5^3\ \Phi_2^{12}\ \Phi_1^4$
114814	1596	1595	$\frac{69}{1595}$	$\frac{109}{1595}$	$\frac{284}{1595}$	$\frac{743}{1595}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
114815	1596	2132	$\frac{15}{533}$	$\frac{37}{533}$	$\frac{1}{4}$	$\frac{248}{533}$	$\Phi_{2132}\ \Phi_{1066}\ \Phi_{164}\ \Phi_{82}\ \Phi_{52}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
114816	1596	495	$\frac{1}{55}$	$\frac{37}{495}$	$\frac{18}{55}$	$\frac{229}{495}$	$\Phi_{495}^{3}\ \Phi_{165}^{3}\ \Phi_{99}^{3}\ \Phi_{55}^{5}\ \Phi_{45}^{3}\ \Phi_{33}^{3}\ \Phi_{15}^{3}\ \Phi_{11}^{5}\ \Phi_{9}^{3}\ \Phi_{5}^{5}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
114817	1596	145	$\frac{11}{145}$	$\frac{12}{145}$	$\frac{13}{145}$	$\frac{67}{145}$	$\Phi_{145}^{11}\ \Phi_{29}^{11}\ \Phi_{5}^{11}\ \Phi_{1}^{12}$
114818	1596	2262	$\frac{1}{58}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{2262}\ \Phi_{1131}\ \Phi_{174}^{2}\ \Phi_{87}^{2}\ \Phi_{78}\ \Phi_{6}^{2}$
114819	1596	1469	$\frac{2}{113}$	$\frac{1}{13}$	$\frac{37}{113}$	$\frac{6}{13}$	$\Phi_{1469}\ \Phi_{113}^{2}\ \Phi_{13}^{2}\ \Phi_{1}^{4}$
114820	1596	1118	$\frac{1}{43}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{1118}^{2}\ \Phi_{559}\ \Phi_{86}^{2}$
114821	1596	156	$\frac{1}{39}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{156}^{14}\ \Phi_{78}^{14}\ \Phi_{52}^{13}\ \Phi_{26}^{13}\ \Phi_{12}^{14}\ \Phi_{6}^{14}\ \Phi_{4}^{12}\ \Phi_{2}^{12}$
114822	1596	1469	$\frac{5}{113}$	$\frac{1}{13}$	$\frac{18}{113}$	$\frac{6}{13}$	$\Phi_{1469}\ \Phi_{113}^{2}\ \Phi_{13}^{2}\ \Phi_{1}^{4}$
114823	1596	1820	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{182}\ \Phi_{140}^{2}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
114824	1596	492	$\frac{1}{41}$	$\frac{10}{123}$	$\frac{1}{4}$	$\frac{113}{246}$	$\Phi_{492}^{4}\ \Phi_{164}^{5}\ \Phi_{123}^{4}\ \Phi_{82}\ \Phi_{41}^{4}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
114825	1596	770	$\frac{1}{22}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{770}^{2}\ \Phi_{385}^{2}\ \Phi_{154}^{3}\ \Phi_{110}^{2}\ \Phi_{77}^{3}\ \Phi_{70}^{2}\ \Phi_{55}^{2}\ \Phi_{22}^{2}\ \Phi_{14}^{3}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{2}^{2}$
114826	1596	1485	$\frac{2}{135}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}^{2}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}^{2}\ \Phi_{27}^{2}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
114827	1596	198	$\frac{1}{66}$	$\frac{1}{11}$	$\frac{65}{198}$	$\frac{5}{11}$	$\Phi_{198}^{12}\ \Phi_{99}^{12}\ \Phi_{18}^{12}\ \Phi_{11}\ \Phi_{9}^{12}\ \Phi_{1}^{2}$
114828	1596	407	$\frac{8}{407}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{407}^{4}\ \Phi_{37}^{4}\ \Phi_{11}\ \Phi_{1}^{2}$
114829	1596	1496	$\frac{3}{136}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{374}\ \Phi_{187}\ \Phi_{136}^{2}\ \Phi_{88}\ \Phi_{68}^{2}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
114830	1596	176	$\frac{1}{44}$	$\frac{1}{11}$	$\frac{43}{176}$	$\frac{5}{11}$	$\Phi_{176}^{12}\ \Phi_{88}^{12}\ \Phi_{16}^{12}\ \Phi_{11}\ \Phi_{8}^{12}\ \Phi_{1}^{2}$
114831	1596	165	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{32}{165}$	$\frac{5}{11}$	$\Phi_{165}^{12}\ \Phi_{55}^{12}\ \Phi_{15}^{12}\ \Phi_{11}\ \Phi_{5}^{12}\ \Phi_{1}^{2}$
114832	1596	275	$\frac{9}{275}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{275}^{6}\ \Phi_{55}^{6}\ \Phi_{25}^{6}\ \Phi_{11}\ \Phi_{5}^{6}\ \Phi_{1}^{2}$
114833	1596	1518	$\frac{5}{138}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{253}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{23}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
114834	1596	22	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{22}^{72}\ \Phi_{11}^{73}\ \Phi_{2}^{72}\ \Phi_{1}^{74}$
114835	1596	440	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{440}^{4}\ \Phi_{220}^{3}\ \Phi_{110}^{3}\ \Phi_{88}^{3}\ \Phi_{55}^{3}\ \Phi_{44}^{2}\ \Phi_{40}^{8}\ \Phi_{22}^{2}\ \Phi_{20}^{6}\ \Phi_{11}^{3}\ \Phi_{10}^{6}\ \Phi_{8}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
114836	1596	297	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{31}{297}$	$\frac{5}{11}$	$\Phi_{297}^{6}\ \Phi_{99}^{6}\ \Phi_{27}^{6}\ \Phi_{11}\ \Phi_{9}^{6}\ \Phi_{1}^{2}$
114837	1596	440	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{41}{440}$	$\frac{5}{11}$	$\Phi_{440}^{4}\ \Phi_{220}^{4}\ \Phi_{110}^{4}\ \Phi_{88}^{4}\ \Phi_{55}^{4}\ \Phi_{40}^{4}\ \Phi_{20}^{4}\ \Phi_{11}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{2}$
114838	1596	143	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{143}^{12}\ \Phi_{13}^{12}\ \Phi_{11}\ \Phi_{1}^{2}$
114839	1596	1584	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}^{2}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
114840	1596	1595	$\frac{23}{1595}$	$\frac{153}{1595}$	$\frac{524}{1595}$	$\frac{721}{1595}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
114841	1596	550	$\frac{1}{55}$	$\frac{27}{275}$	$\frac{151}{550}$	$\frac{124}{275}$	$\Phi_{550}^{4}\ \Phi_{275}^{2}\ \Phi_{110}^{4}\ \Phi_{55}\ \Phi_{50}^{4}\ \Phi_{25}^{2}\ \Phi_{22}^{4}\ \Phi_{11}\ \Phi_{10}^{4}\ \Phi_{5}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
114842	1596	58	$\frac{1}{58}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{58}^{28}\ \Phi_{29}^{27}\ \Phi_{2}^{28}\ \Phi_{1}^{28}$
114843	1596	240	$\frac{1}{40}$	$\frac{13}{120}$	$\frac{1}{5}$	$\frac{107}{240}$	$\Phi_{240}^{12}\ \Phi_{80}^{12}\ \Phi_{48}^{12}\ \Phi_{40}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{12}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
114844	1596	1677	$\frac{1}{39}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{1677}\ \Phi_{559}\ \Phi_{129}$
114845	1596	1595	$\frac{47}{1595}$	$\frac{191}{1595}$	$\frac{258}{1595}$	$\frac{702}{1595}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
114846	1596	464	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{65}{464}$	$\frac{51}{116}$	$\Phi_{464}^{4}\ \Phi_{232}^{4}\ \Phi_{58}^{4}\ \Phi_{29}^{3}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
114847	1596	203	$\frac{1}{29}$	$\frac{25}{203}$	$\frac{4}{29}$	$\frac{89}{203}$	$\Phi_{203}^{7}\ \Phi_{29}^{13}\ \Phi_{7}^{7}\ \Phi_{1}^{14}$
114848	1596	340	$\frac{1}{20}$	$\frac{8}{85}$	$\frac{11}{85}$	$\frac{37}{85}$	$\Phi_{340}^{5}\ \Phi_{170}^{5}\ \Phi_{85}^{4}\ \Phi_{68}^{5}\ \Phi_{34}^{5}\ \Phi_{20}^{4}\ \Phi_{17}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
114849	1596	1595	$\frac{76}{1595}$	$\frac{151}{1595}$	$\frac{217}{1595}$	$\frac{689}{1595}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
114850	1596	1869	$\frac{8}{267}$	$\frac{37}{267}$	$\frac{1}{7}$	$\frac{115}{267}$	$\Phi_{1869}\ \Phi_{623}\ \Phi_{21}$
114851	1596	1595	$\frac{34}{1595}$	$\frac{223}{1595}$	$\frac{303}{1595}$	$\frac{686}{1595}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
114852	1596	100	$\frac{1}{50}$	$\frac{7}{50}$	$\frac{1}{5}$	$\frac{43}{100}$	$\Phi_{100}^{28}\ \Phi_{50}^{4}\ \Phi_{25}^{4}\ \Phi_{20}^{28}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{28}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
114853	1596	2132	$\frac{8}{533}$	$\frac{75}{533}$	$\frac{1}{4}$	$\frac{229}{533}$	$\Phi_{2132}\ \Phi_{1066}\ \Phi_{164}\ \Phi_{82}\ \Phi_{52}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
114854	1596	319	$\frac{4}{319}$	$\frac{45}{319}$	$\frac{91}{319}$	$\frac{137}{319}$	$\Phi_{319}^{5}\ \Phi_{29}^{5}\ \Phi_{11}^{5}\ \Phi_{1}^{6}$
114855	1596	2397	$\frac{8}{799}$	$\frac{113}{799}$	$\frac{1}{3}$	$\frac{343}{799}$	$\Phi_{2397}\ \Phi_{141}\ \Phi_{51}$
114856	1596	462	$\frac{1}{22}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{462}^{4}\ \Phi_{231}^{4}\ \Phi_{154}^{3}\ \Phi_{77}^{3}\ \Phi_{66}^{4}\ \Phi_{42}^{4}\ \Phi_{33}^{4}\ \Phi_{22}^{2}\ \Phi_{14}^{3}\ \Phi_{11}^{2}\ \Phi_{6}^{4}\ \Phi_{2}^{2}$
114857	1596	1595	$\frac{48}{1595}$	$\frac{221}{1595}$	$\frac{229}{1595}$	$\frac{683}{1595}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
114858	1596	232	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{17}{116}$	$\frac{99}{232}$	$\Phi_{232}^{12}\ \Phi_{58}^{4}\ \Phi_{29}^{3}\ \Phi_{8}^{12}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
114859	1596	66	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{66}^{22}\ \Phi_{33}^{20}\ \Phi_{22}^{32}\ \Phi_{11}^{29}\ \Phi_{6}^{22}\ \Phi_{3}^{20}\ \Phi_{2}^{32}\ \Phi_{1}^{30}$
114860	1596	340	$\frac{1}{20}$	$\frac{7}{85}$	$\frac{13}{85}$	$\frac{36}{85}$	$\Phi_{340}^{5}\ \Phi_{170}^{5}\ \Phi_{85}^{4}\ \Phi_{68}^{5}\ \Phi_{34}^{5}\ \Phi_{20}^{4}\ \Phi_{17}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
114861	1596	145	$\frac{7}{145}$	$\frac{12}{145}$	$\frac{23}{145}$	$\frac{61}{145}$	$\Phi_{145}^{11}\ \Phi_{29}^{11}\ \Phi_{5}^{11}\ \Phi_{1}^{12}$
114862	1596	1375	$\frac{1}{55}$	$\frac{221}{1375}$	$\frac{54}{275}$	$\frac{577}{1375}$	$\Phi_{1375}\ \Phi_{275}^{2}\ \Phi_{125}\ \Phi_{55}\ \Phi_{25}^{2}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
114863	1596	1832	$\frac{7}{229}$	$\frac{1}{8}$	$\frac{37}{229}$	$\frac{96}{229}$	$\Phi_{1832}\ \Phi_{916}\ \Phi_{458}$
114864	1596	165	$\frac{1}{55}$	$\frac{9}{55}$	$\frac{32}{165}$	$\frac{23}{55}$	$\Phi_{165}^{12}\ \Phi_{55}^{5}\ \Phi_{33}^{12}\ \Phi_{15}^{12}\ \Phi_{11}^{5}\ \Phi_{5}^{5}\ \Phi_{3}^{12}\ \Phi_{1}^{6}$
114865	1596	1380	$\frac{1}{115}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{1380}^{2}\ \Phi_{460}^{2}\ \Phi_{345}\ \Phi_{276}^{2}\ \Phi_{92}^{2}\ \Phi_{69}\ \Phi_{60}^{2}\ \Phi_{20}^{2}\ \Phi_{15}$
114866	1596	2724	$\frac{2}{227}$	$\frac{1}{6}$	$\frac{75}{227}$	$\frac{5}{12}$	$\Phi_{2724}\ \Phi_{908}\ \Phi_{227}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
114867	1596	924	$\frac{1}{77}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{924}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{231}^{2}\ \Phi_{154}^{3}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{42}^{2}\ \Phi_{33}^{2}\ \Phi_{28}^{2}\ \Phi_{22}^{3}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{11}^{2}\ \Phi_{7}^{2}$
114868	1596	2724	$\frac{3}{227}$	$\frac{1}{6}$	$\frac{56}{227}$	$\frac{5}{12}$	$\Phi_{2724}\ \Phi_{908}\ \Phi_{227}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
114869	1596	1740	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1740}^{2}\ \Phi_{580}^{2}\ \Phi_{290}\ \Phi_{145}\ \Phi_{60}\ \Phi_{20}\ \Phi_{10}$
114870	1596	2724	$\frac{5}{227}$	$\frac{37}{227}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2724}\ \Phi_{908}\ \Phi_{227}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
114871	1596	1092	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1092}^{3}\ \Phi_{364}^{3}\ \Phi_{273}\ \Phi_{91}\ \Phi_{84}^{2}\ \Phi_{28}^{2}\ \Phi_{21}$
114872	1596	2724	$\frac{11}{227}$	$\frac{18}{227}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2724}\ \Phi_{908}\ \Phi_{227}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
114873	1596	780	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{3}\ \Phi_{195}^{2}\ \Phi_{156}\ \Phi_{130}^{3}\ \Phi_{78}^{2}\ \Phi_{65}^{3}\ \Phi_{52}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{3}\ \Phi_{13}^{2}$
114874	1596	2720	$\frac{1}{85}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{340}\ \Phi_{170}\ \Phi_{160}\ \Phi_{68}\ \Phi_{34}\ \Phi_{20}\ \Phi_{10}$
114875	1596	2010	$\frac{1}{134}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{2010}\ \Phi_{1005}\ \Phi_{402}^{2}\ \Phi_{201}^{2}\ \Phi_{30}\ \Phi_{6}^{2}$
114876	1596	230	$\frac{1}{115}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{230}^{10}\ \Phi_{115}^{4}\ \Phi_{46}^{10}\ \Phi_{23}^{4}\ \Phi_{10}^{8}\ \Phi_{5}^{3}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
114877	1596	530	$\frac{3}{265}$	$\frac{1}{5}$	$\frac{131}{530}$	$\frac{2}{5}$	$\Phi_{530}^{4}\ \Phi_{265}^{2}\ \Phi_{106}^{4}\ \Phi_{53}^{2}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
114878	1596	135	$\frac{2}{135}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{135}^{12}\ \Phi_{45}^{12}\ \Phi_{27}^{12}\ \Phi_{15}^{12}\ \Phi_{9}^{12}\ \Phi_{5}^{7}\ \Phi_{3}^{12}\ \Phi_{1}^{8}$
114879	1596	795	$\frac{1}{53}$	$\frac{26}{159}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{795}^{2}\ \Phi_{265}\ \Phi_{159}^{4}\ \Phi_{53}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
114880	1596	265	$\frac{6}{265}$	$\frac{37}{265}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{265}^{6}\ \Phi_{53}^{6}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
114881	1596	1560	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}^{2}\ \Phi_{260}\ \Phi_{156}^{2}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}^{2}\ \Phi_{78}^{2}\ \Phi_{60}\ \Phi_{52}^{2}\ \Phi_{30}\ \Phi_{26}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
114882	1596	265	$\frac{13}{265}$	$\frac{18}{265}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{265}^{6}\ \Phi_{53}^{6}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
114883	1596	60	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{60}^{30}\ \Phi_{30}^{30}\ \Phi_{20}^{24}\ \Phi_{15}^{24}\ \Phi_{12}^{30}\ \Phi_{10}^{24}\ \Phi_{6}^{30}\ \Phi_{5}^{19}\ \Phi_{4}^{24}\ \Phi_{3}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{20}$
114884	1596	220	$\frac{1}{55}$	$\frac{9}{55}$	$\frac{23}{110}$	$\frac{87}{220}$	$\Phi_{220}^{12}\ \Phi_{55}^{5}\ \Phi_{44}^{12}\ \Phi_{20}^{12}\ \Phi_{11}^{5}\ \Phi_{5}^{5}\ \Phi_{4}^{12}\ \Phi_{1}^{6}$
114885	1596	435	$\frac{1}{145}$	$\frac{97}{435}$	$\frac{48}{145}$	$\frac{169}{435}$	$\Phi_{435}^{3}\ \Phi_{145}^{5}\ \Phi_{87}^{3}\ \Phi_{29}^{5}\ \Phi_{15}^{3}\ \Phi_{5}^{5}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
114886	1596	1742	$\frac{1}{134}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1742}\ \Phi_{871}\ \Phi_{26}$
114887	1596	340	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{340}^{5}\ \Phi_{170}^{5}\ \Phi_{85}^{5}\ \Phi_{68}^{5}\ \Phi_{34}\ \Phi_{20}^{4}\ \Phi_{17}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
114888	1596	1380	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{11}{46}$	$\frac{35}{92}$	$\Phi_{1380}^{2}\ \Phi_{460}^{2}\ \Phi_{345}\ \Phi_{276}^{2}\ \Phi_{115}\ \Phi_{69}\ \Phi_{60}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{2}$
114889	1596	640	$\frac{1}{80}$	$\frac{1}{5}$	$\frac{79}{320}$	$\frac{241}{640}$	$\Phi_{640}^{4}\ \Phi_{128}^{4}\ \Phi_{80}^{4}\ \Phi_{40}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
114890	1596	580	$\frac{1}{145}$	$\frac{36}{145}$	$\frac{181}{580}$	$\frac{109}{290}$	$\Phi_{580}^{4}\ \Phi_{145}^{3}\ \Phi_{116}^{4}\ \Phi_{29}^{3}\ \Phi_{20}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
114891	1596	2040	$\frac{1}{85}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{120}\ \Phi_{102}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{34}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
114892	1596	638	$\frac{3}{319}$	$\frac{79}{319}$	$\frac{80}{319}$	$\frac{239}{638}$	$\Phi_{638}^{4}\ \Phi_{319}\ \Phi_{58}^{4}\ \Phi_{29}\ \Phi_{22}^{4}\ \Phi_{11}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
114893	1596	510	$\frac{1}{85}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{510}^{5}\ \Phi_{170}^{5}\ \Phi_{102}^{5}\ \Phi_{85}^{4}\ \Phi_{34}^{5}\ \Phi_{30}^{4}\ \Phi_{17}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
114894	1596	1595	$\frac{27}{1595}$	$\frac{224}{1595}$	$\frac{457}{1595}$	$\frac{569}{1595}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
114895	1596	1677	$\frac{1}{39}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{1677}\ \Phi_{559}\ \Phi_{129}$
114896	1596	275	$\frac{9}{275}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{275}^{6}\ \Phi_{55}^{5}\ \Phi_{25}^{6}\ \Phi_{11}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
114897	1596	29	$\frac{1}{29}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{10}{29}$	$\Phi_{29}^{55}\ \Phi_{1}^{56}$
114898	1596	319	$\frac{15}{319}$	$\frac{16}{319}$	$\frac{101}{319}$	$\frac{109}{319}$	$\Phi_{319}^{5}\ \Phi_{29}^{5}\ \Phi_{11}^{5}\ \Phi_{1}^{6}$
114899	1596	340	$\frac{4}{85}$	$\frac{1}{20}$	$\frac{27}{85}$	$\frac{29}{85}$	$\Phi_{340}^{5}\ \Phi_{170}^{5}\ \Phi_{85}^{4}\ \Phi_{68}^{5}\ \Phi_{34}^{5}\ \Phi_{20}^{4}\ \Phi_{17}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
114900	1596	345	$\frac{4}{115}$	$\frac{1}{15}$	$\frac{37}{115}$	$\frac{39}{115}$	$\Phi_{345}^{5}\ \Phi_{115}^{4}\ \Phi_{69}^{5}\ \Phi_{23}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
114901	1596	1595	$\frac{38}{1595}$	$\frac{151}{1595}$	$\frac{519}{1595}$	$\frac{538}{1595}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
114902	1596	1832	$\frac{4}{229}$	$\frac{1}{8}$	$\frac{75}{229}$	$\frac{77}{229}$	$\Phi_{1832}\ \Phi_{916}\ \Phi_{458}$
114903	1596	319	$\frac{4}{319}$	$\frac{53}{319}$	$\frac{105}{319}$	$\frac{107}{319}$	$\Phi_{319}^{5}\ \Phi_{29}^{5}\ \Phi_{11}^{5}\ \Phi_{1}^{6}$
114904	1596	200	$\frac{1}{100}$	$\frac{1}{5}$	$\frac{33}{100}$	$\frac{67}{200}$	$\Phi_{200}^{12}\ \Phi_{100}^{4}\ \Phi_{50}^{4}\ \Phi_{40}^{12}\ \Phi_{25}^{4}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{12}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
114905	1596	1595	$\frac{8}{1595}$	$\frac{529}{1595}$	$\frac{531}{1595}$	$\frac{533}{1595}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
114906	1596	2397	$\frac{4}{799}$	$\frac{265}{799}$	$\frac{1}{3}$	$\frac{267}{799}$	$\Phi_{2397}\ \Phi_{141}\ \Phi_{51}$
114907	1596	597	$\frac{1}{199}$	$\frac{66}{199}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{597}^{2}\ \Phi_{199}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
114908	1596	804	$\frac{1}{134}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{804}^{2}\ \Phi_{402}\ \Phi_{268}^{4}\ \Phi_{201}\ \Phi_{134}^{2}\ \Phi_{67}^{2}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
114909	1596	1035	$\frac{1}{115}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1035}^{2}\ \Phi_{345}\ \Phi_{207}^{2}\ \Phi_{69}\ \Phi_{45}^{2}\ \Phi_{15}$
114910	1596	945	$\frac{2}{135}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{105}^{2}\ \Phi_{63}^{2}\ \Phi_{35}^{2}\ \Phi_{21}$
114911	1596	597	$\frac{3}{199}$	$\frac{28}{199}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{597}^{2}\ \Phi_{199}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
114912	1596	696	$\frac{1}{58}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{696}^{2}\ \Phi_{348}^{2}\ \Phi_{232}^{4}\ \Phi_{174}\ \Phi_{116}^{4}\ \Phi_{87}\ \Phi_{58}^{2}\ \Phi_{29}^{2}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
114913	1596	903	$\frac{1}{43}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{903}^{2}\ \Phi_{301}^{2}\ \Phi_{129}$
114914	1596	597	$\frac{9}{199}$	$\frac{10}{199}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{597}^{2}\ \Phi_{199}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
114915	1596	660	$\frac{1}{22}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{4}\ \Phi_{165}^{2}\ \Phi_{132}^{2}\ \Phi_{110}^{4}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}^{4}\ \Phi_{44}^{4}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
114916	1596	2043	$\frac{2}{227}$	$\frac{2}{9}$	$\frac{75}{227}$	$\frac{1}{3}$	$\Phi_{2043}\ \Phi_{227}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
114917	1596	1386	$\frac{1}{66}$	$\frac{1}{7}$	$\frac{65}{198}$	$\frac{1}{3}$	$\Phi_{1386}^{2}\ \Phi_{693}^{2}\ \Phi_{126}^{2}\ \Phi_{63}^{2}\ \Phi_{21}$
114918	1596	2712	$\frac{2}{113}$	$\frac{1}{8}$	$\frac{37}{113}$	$\frac{1}{3}$	$\Phi_{2712}\ \Phi_{1356}\ \Phi_{678}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
114919	1596	2397	$\frac{19}{799}$	$\frac{77}{799}$	$\frac{260}{799}$	$\frac{1}{3}$	$\Phi_{2397}\ \Phi_{141}\ \Phi_{51}$
114920	1596	1743	$\frac{2}{83}$	$\frac{2}{21}$	$\frac{27}{83}$	$\frac{1}{3}$	$\Phi_{1743}\ \Phi_{581}\ \Phi_{83}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
114921	1596	420	$\frac{1}{28}$	$\frac{1}{15}$	$\frac{9}{28}$	$\frac{1}{3}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{2}\ \Phi_{70}^{4}\ \Phi_{60}^{4}\ \Phi_{42}^{2}\ \Phi_{35}^{4}\ \Phi_{30}^{4}\ \Phi_{28}^{4}\ \Phi_{21}^{2}\ \Phi_{20}^{4}\ \Phi_{15}^{6}\ \Phi_{14}^{4}\ \Phi_{12}^{2}\ \Phi_{10}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
114922	1596	1173	$\frac{16}{391}$	$\frac{1}{17}$	$\frac{125}{391}$	$\frac{1}{3}$	$\Phi_{1173}^{2}\ \Phi_{69}^{2}\ \Phi_{51}^{3}\ \Phi_{3}^{2}$
114923	1596	141	$\frac{2}{47}$	$\frac{8}{141}$	$\frac{15}{47}$	$\frac{1}{3}$	$\Phi_{141}^{11}\ \Phi_{47}^{12}\ \Phi_{3}^{10}\ \Phi_{1}^{12}$
114924	1596	2460	$\frac{2}{41}$	$\frac{1}{20}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{615}\ \Phi_{492}\ \Phi_{246}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
114925	1596	2397	$\frac{39}{799}$	$\frac{40}{799}$	$\frac{253}{799}$	$\frac{1}{3}$	$\Phi_{2397}\ \Phi_{141}\ \Phi_{51}$
114926	1596	2397	$\frac{29}{799}$	$\frac{55}{799}$	$\frac{248}{799}$	$\frac{1}{3}$	$\Phi_{2397}\ \Phi_{141}\ \Phi_{51}$
114927	1596	390	$\frac{1}{39}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{390}^{4}\ \Phi_{195}^{4}\ \Phi_{130}^{4}\ \Phi_{78}^{4}\ \Phi_{65}^{4}\ \Phi_{39}^{6}\ \Phi_{30}^{2}\ \Phi_{26}^{4}\ \Phi_{15}^{2}\ \Phi_{13}^{6}\ \Phi_{10}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
114928	1596	1161	$\frac{1}{43}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{1161}^{2}\ \Phi_{129}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
114929	1596	408	$\frac{3}{136}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{408}^6\ \Phi_{204}^6\ \Phi_{102}^6\ \Phi_{51}^5\ \Phi_{24}^6\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^4$
114930	1596	564	$\frac{1}{47}$	$\frac{23}{188}$	$\frac{55}{188}$	$\frac{1}{3}$	$\Phi_{564}^4\ \Phi_{282}^4\ \Phi_{141}^5\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4$
114931	1596	2397	$\frac{15}{799}$	$\frac{112}{799}$	$\frac{229}{799}$	$\frac{1}{3}$	$\Phi_{2397}\ \Phi_{141}\ \Phi_{51}$
114932	1596	1485	$\frac{2}{135}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}^2\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_5^2\ \Phi_1^2$
114933	1596	2772	$\frac{1}{77}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{198}\ \Phi_{154}\ \Phi_{126}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}$
114934	1596	540	$\frac{2}{135}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^3\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
114935	1596	636	$\frac{1}{53}$	$\frac{26}{159}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{636}^3\ \Phi_{318}^3\ \Phi_{212}^4\ \Phi_{106}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
114936	1596	2856	$\frac{3}{136}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{357}\ \Phi_{168}\ \Phi_{21}$
114937	1596	3180	$\frac{6}{265}$	$\frac{37}{265}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3180}\ \Phi_{1590}\ \Phi_{636}\ \Phi_{318}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
114938	1596	312	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{312}^6\ \Phi_{156}^4\ \Phi_{104}^6\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^6\ \Phi_{26}^4\ \Phi_{24}^3\ \Phi_{13}^6\ \Phi_{12}^2\ \Phi_8^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
114939	1596	2436	$\frac{1}{29}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{812}\ \Phi_{406}\ \Phi_{116}\ \Phi_{58}$
114940	1596	3180	$\frac{13}{265}$	$\frac{18}{265}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3180}\ \Phi_{1590}\ \Phi_{636}\ \Phi_{318}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
114941	1596	60	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^{25}\ \Phi_{30}^{25}\ \Phi_{20}^{28}\ \Phi_{15}^{27}\ \Phi_{12}^{26}\ \Phi_{10}^{28}\ \Phi_6^{26}\ \Phi_5^{30}\ \Phi_4^{28}\ \Phi_3^{27}\ \Phi_2^{28}\ \Phi_1^{30}$
114942	1596	2043	$\frac{3}{227}$	$\frac{2}{9}$	$\frac{56}{227}$	$\frac{1}{3}$	$\Phi_{2043}\ \Phi_{227}\ \Phi_9^2\ \Phi_1^2$
114943	1596	1410	$\frac{1}{47}$	$\frac{71}{470}$	$\frac{23}{94}$	$\frac{1}{3}$	$\Phi_{1410}^2\ \Phi_{705}^2\ \Phi_{141}\ \Phi_{30}^2\ \Phi_{15}^2$
114944	1596	3696	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{43}{176}$	$\frac{1}{3}$	$\Phi_{3696}\ \Phi_{1848}\ \Phi_{336}\ \Phi_{168}\ \Phi_{21}$
114945	1596	1743	$\frac{3}{83}$	$\frac{2}{21}$	$\frac{20}{83}$	$\frac{1}{3}$	$\Phi_{1743}\ \Phi_{581}\ \Phi_{83}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
114946	1596	2610	$\frac{1}{58}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2610}\ \Phi_{1305}\ \Phi_{290}\ \Phi_{145}\ \Phi_{90}\ \Phi_{10}$
114947	1596	2043	$\frac{5}{227}$	$\frac{37}{227}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2043}\ \Phi_{227}\ \Phi_9^2\ \Phi_1^2$
114948	1596	1935	$\frac{1}{43}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{215}\ \Phi_{129}$
114949	1596	819	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{819}^3\ \Phi_{273}\ \Phi_{91}\ \Phi_{63}^2\ \Phi_{21}$
114950	1596	2043	$\frac{11}{227}$	$\frac{18}{227}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2043}\ \Phi_{227}\ \Phi_9^2\ \Phi_1^2$
114951	1596	2340	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{260}\ \Phi_{234}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
114952	1596	1032	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{1032}^2\ \Phi_{516}^2\ \Phi_{344}^2\ \Phi_{172}^2\ \Phi_{129}$
114953	1596	975	$\frac{1}{39}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{75}\ \Phi_{39}^2\ \Phi_{25}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
114954	1596	2310	$\frac{1}{22}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{210}\ \Phi_{110}\ \Phi_{70}\ \Phi_{55}\ \Phi_{10}$
114955	1596	1155	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{32}{165}$	$\frac{1}{3}$	$\Phi_{1155}^2\ \Phi_{385}^2\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{21}$
114956	1596	141	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{9}{47}$	$\frac{1}{3}$	$\Phi_{141}^{17}\ \Phi_3^{16}$
114957	1596	210	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1}{3}$	$\Phi_{210}^7\ \Phi_{105}^7\ \Phi_{70}^8\ \Phi_{42}^8\ \Phi_{35}^8\ \Phi_{30}^7\ \Phi_{21}^8\ \Phi_{15}^9\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_7^8\ \Phi_6^8\ \Phi_5^{10}\ \Phi_3^9\ \Phi_2^8\ \Phi_1^{10}$
114958	1596	357	$\frac{5}{119}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{357}^7\ \Phi_{51}^5\ \Phi_{21}^7\ \Phi_3^4$
114959	1596	966	$\frac{5}{138}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{21}$
114960	1596	2712	$\frac{5}{113}$	$\frac{1}{8}$	$\frac{18}{113}$	$\frac{1}{3}$	$\Phi_{2712}\ \Phi_{1356}\ \Phi_{678}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
114961	1596	2397	$\frac{37}{799}$	$\frac{96}{799}$	$\frac{127}{799}$	$\frac{1}{3}$	$\Phi_{2397}\ \Phi_{141}\ \Phi_{51}$
114962	1596	1743	$\frac{5}{83}$	$\frac{2}{21}$	$\frac{13}{83}$	$\frac{1}{3}$	$\Phi_{1743}\ \Phi_{581}\ \Phi_{83}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
114963	1596	141	$\frac{8}{141}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{3}$	$\Phi_{141}^{11}\ \Phi_{47}^{12}\ \Phi_3^{10}\ \Phi_1^{12}$
114964	1596	2460	$\frac{1}{20}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{3}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{615}\ \Phi_{492}\ \Phi_{246}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2$
114965	1596	2397	$\frac{36}{799}$	$\frac{109}{799}$	$\frac{115}{799}$	$\frac{1}{3}$	$\Phi_{2397}\ \Phi_{141}\ \Phi_{51}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
114966	1596	462	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{462}^{6}\ \Phi_{231}^{6}\ \Phi_{42}^{6}\ \Phi_{21}^{7}$
114967	1596	840	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{840}^{4}\ \Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{168}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{21}^{3}$
114968	1596	2079	$\frac{2}{33}$	$\frac{31}{297}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{189}\ \Phi_{63}\ \Phi_{21}$
114969	1596	105	$\frac{1}{15}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{105}^{16}\ \Phi_{35}^{16}\ \Phi_{21}^{11}\ \Phi_{15}^{18}\ \Phi_{7}^{10}\ \Phi_{5}^{18}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
114970	1596	3003	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{3003}\ \Phi_{273}\ \Phi_{21}$
114971	1596	1008	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{252}^{2}\ \Phi_{168}^{2}\ \Phi_{126}^{2}\ \Phi_{112}^{2}\ \Phi_{63}^{2}\ \Phi_{56}^{2}\ \Phi_{21}$
114972	1596	1743	$\frac{6}{83}$	$\frac{2}{21}$	$\frac{11}{83}$	$\frac{1}{3}$	$\Phi_{1743}\ \Phi_{581}\ \Phi_{83}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
114973	1596	960	$\frac{1}{15}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{960}^{2}\ \Phi_{480}^{2}\ \Phi_{320}^{2}\ \Phi_{240}^{2}\ \Phi_{192}\ \Phi_{160}^{2}\ \Phi_{96}\ \Phi_{80}^{2}\ \Phi_{64}^{2}\ \Phi_{48}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
114974	1596	2184	$\frac{1}{13}$	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{182}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
114975	1596	198	$\frac{1}{66}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{65}{198}$	$\Phi_{198}^{12}\ \Phi_{99}^{12}\ \Phi_{18}^{12}\ \Phi_{11}\ \Phi_{9}^{12}\ \Phi_{1}^{2}$
114976	1596	1980	$\frac{1}{66}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{65}{198}$	$\Phi_{1980}^{2}\ \Phi_{990}\ \Phi_{495}\ \Phi_{180}^{2}\ \Phi_{90}\ \Phi_{45}\ \Phi_{20}\ \Phi_{10}$
114977	1596	165	$\frac{1}{55}$	$\frac{32}{165}$	$\frac{37}{165}$	$\frac{18}{55}$	$\Phi_{165}^{9}\ \Phi_{55}^{11}\ \Phi_{33}^{9}\ \Phi_{15}^{9}\ \Phi_{11}^{11}\ \Phi_{5}^{11}\ \Phi_{3}^{9}\ \Phi_{1}^{12}$
114978	1596	2241	$\frac{2}{83}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{27}{83}$	$\Phi_{2241}\ \Phi_{83}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$
114979	1596	1992	$\frac{2}{83}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{27}{83}$	$\Phi_{1992}\ \Phi_{996}\ \Phi_{664}\ \Phi_{332}\ \Phi_{83}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
114980	1596	2460	$\frac{1}{41}$	$\frac{83}{615}$	$\frac{1}{4}$	$\frac{40}{123}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{820}\ \Phi_{410}\ \Phi_{164}\ \Phi_{82}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
114981	1596	160	$\frac{1}{40}$	$\frac{27}{160}$	$\frac{1}{5}$	$\frac{13}{40}$	$\Phi_{160}^{12}\ \Phi_{80}^{12}\ \Phi_{40}^{4}\ \Phi_{32}^{12}\ \Phi_{20}^{4}\ \Phi_{16}^{12}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
114982	1596	252	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{9}{28}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{84}^{6}\ \Phi_{63}^{6}\ \Phi_{42}^{6}\ \Phi_{36}^{6}\ \Phi_{28}^{8}\ \Phi_{21}^{6}\ \Phi_{18}^{6}\ \Phi_{14}^{8}\ \Phi_{12}^{6}\ \Phi_{9}^{9}\ \Phi_{7}^{8}\ \Phi_{6}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
114983	1596	280	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{9}{28}$	$\Phi_{280}^{8}\ \Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{40}^{9}\ \Phi_{35}^{6}\ \Phi_{20}^{7}\ \Phi_{10}^{7}\ \Phi_{5}^{6}$
114984	1596	150	$\frac{1}{25}$	$\frac{17}{150}$	$\frac{1}{5}$	$\frac{8}{25}$	$\Phi_{150}^{12}\ \Phi_{75}^{12}\ \Phi_{50}^{12}\ \Phi_{30}^{12}\ \Phi_{25}^{4}\ \Phi_{15}^{12}\ \Phi_{10}^{12}\ \Phi_{6}^{12}\ \Phi_{5}^{3}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{4}$
114985	1596	319	$\frac{13}{319}$	$\frac{31}{319}$	$\frac{72}{319}$	$\frac{102}{319}$	$\Phi_{319}^{5}\ \Phi_{29}^{5}\ \Phi_{11}^{5}\ \Phi_{1}^{6}$
114986	1596	1832	$\frac{10}{229}$	$\frac{1}{8}$	$\frac{39}{229}$	$\frac{73}{229}$	$\Phi_{1832}\ \Phi_{916}\ \Phi_{458}$
114987	1596	780	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{62}{195}$	$\Phi_{780}^{4}\ \Phi_{390}^{4}\ \Phi_{156}^{4}\ \Phi_{78}^{4}\ \Phi_{60}^{4}\ \Phi_{52}\ \Phi_{30}^{4}\ \Phi_{26}\ \Phi_{12}^{4}\ \Phi_{6}^{4}$
114988	1596	1595	$\frac{74}{1595}$	$\frac{189}{1595}$	$\frac{272}{1595}$	$\frac{507}{1595}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
114989	1596	400	$\frac{19}{400}$	$\frac{39}{400}$	$\frac{1}{5}$	$\frac{127}{400}$	$\Phi_{400}^{4}\ \Phi_{200}^{4}\ \Phi_{100}^{4}\ \Phi_{80}^{4}\ \Phi_{50}^{4}\ \Phi_{40}^{4}\ \Phi_{25}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
114990	1596	164	$\frac{2}{41}$	$\frac{3}{41}$	$\frac{1}{4}$	$\frac{13}{41}$	$\Phi_{164}^{13}\ \Phi_{82}^{13}\ \Phi_{4}^{12}\ \Phi_{2}^{12}$
114991	1596	720	$\frac{1}{16}$	$\frac{11}{144}$	$\frac{1}{5}$	$\frac{5}{16}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{80}\ \Phi_{60}^{3}\ \Phi_{45}^{3}\ \Phi_{40}\ \Phi_{30}^{3}\ \Phi_{20}\ \Phi_{15}^{3}\ \Phi_{10}$
114992	1596	174	$\frac{5}{87}$	$\frac{2}{29}$	$\frac{41}{174}$	$\frac{9}{29}$	$\Phi_{174}^{12}\ \Phi_{87}^{6}\ \Phi_{58}^{12}\ \Phi_{29}^{7}\ \Phi_{6}^{12}\ \Phi_{3}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{8}$
114993	1596	145	$\frac{2}{29}$	$\frac{12}{145}$	$\frac{5}{29}$	$\frac{9}{29}$	$\Phi_{145}^{12}\ \Phi_{29}^{7}\ \Phi_{5}^{12}\ \Phi_{1}^{8}$
114994	1596	87	$\frac{2}{29}$	$\frac{10}{87}$	$\frac{11}{87}$	$\frac{9}{29}$	$\Phi_{87}^{18}\ \Phi_{29}^{19}\ \Phi_{3}^{18}\ \Phi_{1}^{20}$
114995	1596	55	$\frac{3}{55}$	$\frac{4}{55}$	$\frac{13}{55}$	$\frac{17}{55}$	$\Phi_{55}^{29}\ \Phi_{11}^{29}\ \Phi_{5}^{29}\ \Phi_{1}^{30}$
114996	1596	165	$\frac{1}{15}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{17}{55}$	$\Phi_{165}^{10}\ \Phi_{55}^{8}\ \Phi_{33}^{10}\ \Phi_{15}^{14}\ \Phi_{11}^{8}\ \Phi_{5}^{11}\ \Phi_{3}^{14}\ \Phi_{1}^{12}$
114997	1596	55	$\frac{4}{55}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{17}{55}$	$\Phi_{55}^{29}\ \Phi_{11}^{29}\ \Phi_{5}^{29}\ \Phi_{1}^{30}$
114998	1596	960	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{1}{5}$	$\frac{59}{192}$	$\Phi_{960}^{3}\ \Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{120}^{3}\ \Phi_{80}\ \Phi_{60}^{3}\ \Phi_{40}\ \Phi_{30}^{3}\ \Phi_{20}\ \Phi_{15}^{3}\ \Phi_{10}$
114999	1596	198	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{198}^{11}\ \Phi_{99}^{10}\ \Phi_{22}^{10}\ \Phi_{18}^{11}\ \Phi_{11}^{9}\ \Phi_{9}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
115000	1596	50	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{6}{25}$	$\frac{3}{10}$	$\Phi_{50}^{30}\ \Phi_{25}^{33}\ \Phi_{10}^{32}\ \Phi_{5}^{35}\ \Phi_{2}^{32}\ \Phi_{1}^{36}$
115001	1596	20	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{20}^{84}\ \Phi_{10}^{76}\ \Phi_{5}^{75}\ \Phi_{4}^{84}\ \Phi_{2}^{76}\ \Phi_{1}^{76}$
115002	1596	90	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{7}{45}$	$\frac{3}{10}$	$\Phi_{90}^{20}\ \Phi_{45}^{22}\ \Phi_{30}^{10}\ \Phi_{18}^{20}\ \Phi_{15}^{11}\ \Phi_{10}^{12}\ \Phi_{9}^{22}\ \Phi_{6}^{10}\ \Phi_{5}^{13}\ \Phi_{3}^{11}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
115003	1596	1595	$\frac{59}{1595}$	$\frac{173}{1595}$	$\frac{384}{1595}$	$\frac{474}{1595}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
115004	1596	3132	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{3132}\ \Phi_{1566}\ \Phi_{116}\ \Phi_{58}$
115005	1596	2241	$\frac{3}{83}$	$\frac{1}{9}$	$\frac{20}{83}$	$\frac{8}{27}$	$\Phi_{2241}\ \Phi_{83}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$
115006	1596	2970	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{2970}\ \Phi_{1485}\ \Phi_{270}\ \Phi_{110}\ \Phi_{55}\ \Phi_{10}$
115007	1596	2241	$\frac{5}{83}$	$\frac{1}{9}$	$\frac{13}{83}$	$\frac{8}{27}$	$\Phi_{2241}\ \Phi_{83}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$
115008	1596	945	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{27}$	$\Phi_{945}^{3}\ \Phi_{189}^{2}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
115009	1596	2241	$\frac{6}{83}$	$\frac{1}{9}$	$\frac{11}{83}$	$\frac{8}{27}$	$\Phi_{2241}\ \Phi_{83}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$
115010	1596	2808	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{27}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
115011	1596	340	$\frac{1}{20}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{340}^{5}\ \Phi_{170}^{5}\ \Phi_{85}^{5}\ \Phi_{68}^{5}\ \Phi_{34}^{5}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
115012	1596	174	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{41}{174}$	$\frac{17}{58}$	$\Phi_{174}^{12}\ \Phi_{87}^{12}\ \Phi_{58}^{4}\ \Phi_{29}^{3}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
115013	1596	1595	$\frac{69}{1595}$	$\frac{218}{1595}$	$\frac{284}{1595}$	$\frac{459}{1595}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
115014	1596	80	$\frac{3}{80}$	$\frac{11}{80}$	$\frac{1}{5}$	$\frac{23}{80}$	$\Phi_{80}^{20}\ \Phi_{40}^{20}\ \Phi_{20}^{20}\ \Phi_{16}^{20}\ \Phi_{10}^{20}\ \Phi_{8}^{20}\ \Phi_{5}^{19}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{20}$
115015	1596	145	$\frac{12}{145}$	$\frac{13}{145}$	$\frac{22}{145}$	$\frac{41}{145}$	$\Phi_{145}^{11}\ \Phi_{29}^{11}\ \Phi_{5}^{11}\ \Phi_{1}^{12}$
115016	1596	275	$\frac{9}{275}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{275}^{6}\ \Phi_{55}^{6}\ \Phi_{25}^{4}\ \Phi_{11}^{6}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
115017	1596	1476	$\frac{1}{41}$	$\frac{20}{123}$	$\frac{1}{4}$	$\frac{103}{369}$	$\Phi_{1476}^{2}\ \Phi_{738}^{2}\ \Phi_{164}\ \Phi_{82}\ \Phi_{36}^{2}\ \Phi_{18}^{2}$
115018	1596	2310	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{154}\ \Phi_{77}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{30}\ \Phi_{14}\ \Phi_{6}$
115019	1596	1496	$\frac{3}{136}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{1496}\ \Phi_{748}\ \Phi_{374}\ \Phi_{187}\ \Phi_{136}^{2}\ \Phi_{88}\ \Phi_{68}^{2}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
115020	1596	176	$\frac{1}{44}$	$\frac{2}{11}$	$\frac{43}{176}$	$\frac{3}{11}$	$\Phi_{176}^{12}\ \Phi_{88}^{12}\ \Phi_{16}^{12}\ \Phi_{11}\ \Phi_{8}^{12}\ \Phi_{1}^{2}$
115021	1596	165	$\frac{1}{33}$	$\frac{2}{11}$	$\frac{32}{165}$	$\frac{3}{11}$	$\Phi_{165}^{12}\ \Phi_{55}^{12}\ \Phi_{15}^{12}\ \Phi_{11}\ \Phi_{5}^{12}\ \Phi_{1}^{2}$
115022	1596	1518	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}\ \Phi_{253}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{23}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
115023	1596	22	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{22}^{72}\ \Phi_{11}^{73}\ \Phi_{2}^{72}\ \Phi_{1}^{74}$
115024	1596	440	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{440}^{4}\ \Phi_{220}^{3}\ \Phi_{110}^{3}\ \Phi_{88}^{3}\ \Phi_{55}^{3}\ \Phi_{44}^{2}\ \Phi_{40}^{8}\ \Phi_{22}^{2}\ \Phi_{20}^{6}\ \Phi_{11}^{3}\ \Phi_{10}^{6}\ \Phi_{8}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
115025	1596	143	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{143}^{12}\ \Phi_{13}^{12}\ \Phi_{11}\ \Phi_{1}^{2}$
115026	1596	1584	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}^{2}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
115027	1596	1595	$\frac{62}{1595}$	$\frac{219}{1595}$	$\frac{344}{1595}$	$\frac{417}{1595}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
115028	1596	340	$\frac{1}{20}$	$\frac{9}{85}$	$\frac{19}{85}$	$\frac{22}{85}$	$\Phi_{340}^{5}\ \Phi_{170}^{5}\ \Phi_{85}^{4}\ \Phi_{68}^{5}\ \Phi_{34}^{5}\ \Phi_{20}^{4}\ \Phi_{17}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
115029	1596	145	$\frac{9}{145}$	$\frac{12}{145}$	$\frac{34}{145}$	$\frac{37}{145}$	$\Phi_{145}^{11}\ \Phi_{29}^{11}\ \Phi_{5}^{11}\ \Phi_{1}^{12}$
115030	1596	440	$\frac{3}{55}$	$\frac{41}{440}$	$\frac{13}{55}$	$\frac{14}{55}$	$\Phi_{440}^{4}\ \Phi_{220}^{4}\ \Phi_{110}^{4}\ \Phi_{88}^{4}\ \Phi_{55}\ \Phi_{44}^{4}\ \Phi_{40}^{4}\ \Phi_{22}^{4}\ \Phi_{20}^{4}\ \Phi_{11}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
115031	1596	319	$\frac{15}{319}$	$\frac{34}{319}$	$\frac{76}{319}$	$\frac{81}{319}$	$\Phi_{319}^{5}\ \Phi_{29}^{5}\ \Phi_{11}^{5}\ \Phi_{1}^{6}$
115032	1596	1832	$\frac{9}{229}$	$\frac{1}{8}$	$\frac{55}{229}$	$\frac{58}{229}$	$\Phi_{1832}\ \Phi_{916}\ \Phi_{458}$
115033	1596	680	$\frac{3}{136}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{680}^{3}\ \Phi_{340}^{3}\ \Phi_{170}^{3}\ \Phi_{85}^{3}\ \Phi_{40}^{3}\ \Phi_{20}\ \Phi_{10}$
115034	1596	880	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{43}{176}$	$\frac{1}{4}$	$\Phi_{880}^{3}\ \Phi_{440}^{3}\ \Phi_{80}^{3}\ \Phi_{40}^{3}\ \Phi_{20}\ \Phi_{10}$
115035	1596	164	$\frac{1}{41}$	$\frac{31}{164}$	$\frac{10}{41}$	$\frac{1}{4}$	$\Phi_{164}^{9}\ \Phi_{82}^{9}\ \Phi_{41}^{12}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
115036	1596	200	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{6}{25}$	$\frac{1}{4}$	$\Phi_{200}^{9}\ \Phi_{100}^{6}\ \Phi_{50}^{6}\ \Phi_{40}^{9}\ \Phi_{25}^{9}\ \Phi_{20}^{6}\ \Phi_{10}^{6}\ \Phi_{8}^{12}\ \Phi_{5}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
115037	1596	2132	$\frac{25}{533}$	$\frac{58}{533}$	$\frac{127}{533}$	$\frac{1}{4}$	$\Phi_{2132}\ \Phi_{1066}\ \Phi_{164}\ \Phi_{82}\ \Phi_{52}\ \Phi_{26}$
115038	1596	572	$\frac{10}{143}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{572}^{4}\ \Phi_{286}^{4}\ \Phi_{52}\ \Phi_{44}^{4}\ \Phi_{26}\ \Phi_{22}^{4}$
115039	1596	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{180}^{9}\ \Phi_{90}^{9}\ \Phi_{60}^{9}\ \Phi_{45}^{9}\ \Phi_{36}^{6}\ \Phi_{30}^{9}\ \Phi_{20}^{12}\ \Phi_{18}^{6}\ \Phi_{15}^{9}\ \Phi_{12}^{6}\ \Phi_{10}^{12}\ \Phi_{9}^{9}\ \Phi_{6}^{6}\ \Phi_{5}^{12}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
115040	1596	2132	$\frac{22}{533}$	$\frac{73}{533}$	$\frac{115}{533}$	$\frac{1}{4}$	$\Phi_{2132}\ \Phi_{1066}\ \Phi_{164}\ \Phi_{82}\ \Phi_{52}\ \Phi_{26}$
115041	1596	696	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{696}^3\ \Phi_{348}\ \Phi_{232}^3\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}^2\ \Phi_{58}^3\ \Phi_{29}^2$
115042	1596	660	$\frac{1}{33}$	$\frac{32}{165}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{132}^4\ \Phi_{110}^3\ \Phi_{66}^4\ \Phi_{60}^3\ \Phi_{44}^4\ \Phi_{30}^3\ \Phi_{22}^4\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{2}^4$
115043	1596	1380	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1380}^2\ \Phi_{690}\ \Phi_{460}^2\ \Phi_{345}\ \Phi_{230}\ \Phi_{115}\ \Phi_{20}\ \Phi_{10}$
115044	1596	220	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{220}^{12}\ \Phi_{110}^6\ \Phi_{55}^6\ \Phi_{20}^{13}\ \Phi_{10}^7\ \Phi_5^6$
115045	1596	40	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{40}^{45}\ \Phi_{20}^{34}\ \Phi_{10}^{34}\ \Phi_8^{48}\ \Phi_5^{33}\ \Phi_4^{36}\ \Phi_2^{36}\ \Phi_1^{36}$
115046	1596	440	$\frac{3}{44}$	$\frac{41}{440}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{440}^4\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{88}^4\ \Phi_{55}^3\ \Phi_{44}^4\ \Phi_{40}^4\ \Phi_{22}^4\ \Phi_{20}^4\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
115047	1596	2860	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2860}\ \Phi_{1430}\ \Phi_{260}\ \Phi_{130}\ \Phi_{20}\ \Phi_{10}$
115048	1596	720	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
115049	1596	2340	$\frac{1}{13}$	$\frac{53}{585}$	$\frac{12}{65}$	$\frac{1}{4}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{468}\ \Phi_{390}\ \Phi_{234}\ \Phi_{180}\ \Phi_{156}\ \Phi_{90}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}\ \Phi_{36}\ \Phi_{30}\ \Phi_{26}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
115050	1596	1300	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{59}{325}$	$\frac{1}{4}$	$\Phi_{1300}^2\ \Phi_{650}^2\ \Phi_{100}^2\ \Phi_{52}\ \Phi_{50}^2\ \Phi_{26}$
115051	1596	360	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{45}$	$\frac{1}{4}$	$\Phi_{360}^6\ \Phi_{180}^4\ \Phi_{120}^3\ \Phi_{90}^4\ \Phi_{72}^6\ \Phi_{60}^2\ \Phi_{45}^6\ \Phi_{40}^3\ \Phi_{36}^4\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^6\ \Phi_8^6\ \Phi_6^2\ \Phi_5^3\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
115052	1596	156	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{156}$	$\frac{1}{4}$	$\Phi_{156}^{12}\ \Phi_{78}^{12}\ \Phi_{52}^5\ \Phi_{39}^{12}\ \Phi_{26}^9\ \Phi_{13}^8\ \Phi_{12}^{12}\ \Phi_6^{12}\ \Phi_4^4\ \Phi_3^{12}\ \Phi_2^8\ \Phi_1^8$
115053	1596	1992	$\frac{3}{83}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{20}{83}$	$\Phi_{1992}\ \Phi_{996}\ \Phi_{664}\ \Phi_{332}\ \Phi_{83}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
115054	1596	25	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{6}{25}$	$\Phi_{25}^{64}\ \Phi_5^{63}\ \Phi_1^{64}$
115055	1596	320	$\frac{1}{16}$	$\frac{7}{64}$	$\frac{1}{5}$	$\frac{15}{64}$	$\Phi_{320}^6\ \Phi_{160}^6\ \Phi_{80}^7\ \Phi_{40}^7\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_5^6$
115056	1596	520	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{121}{520}$	$\Phi_{520}^4\ \Phi_{260}^4\ \Phi_{104}^4\ \Phi_{52}^4\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
115057	1596	145	$\frac{12}{145}$	$\frac{13}{145}$	$\frac{28}{145}$	$\frac{33}{145}$	$\Phi_{145}^{11}\ \Phi_{29}^{11}\ \Phi_5^{11}\ \Phi_1^{12}$
115058	1596	630	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{70}$	$\frac{2}{9}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{105}^3\ \Phi_{90}^3\ \Phi_{70}^4\ \Phi_{45}^3\ \Phi_{35}^4\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
115059	1596	63	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{9}$	$\Phi_{63}^{24}\ \Phi_{21}^{27}\ \Phi_9^{27}\ \Phi_7^{26}\ \Phi_3^{30}\ \Phi_1^{30}$
115060	1596	576	$\frac{7}{64}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{2}{9}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{64}^4\ \Phi_{48}^3\ \Phi_{32}^4\ \Phi_{16}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
115061	1596	2560	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{5}$	$\frac{113}{512}$	$\Phi_{2560}\ \Phi_{1280}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
115062	1596	345	$\frac{1}{15}$	$\frac{3}{23}$	$\frac{4}{23}$	$\frac{5}{23}$	$\Phi_{345}^5\ \Phi_{115}^5\ \Phi_{69}^5\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^4$
115063	1596	1320	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{120}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
115064	1596	1992	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1992}\ \Phi_{996}\ \Phi_{664}\ \Phi_{332}\ \Phi_{83}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
115065	1596	840	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{280}^3\ \Phi_{168}^2\ \Phi_{140}^3\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}$
115066	1596	1992	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1992}\ \Phi_{996}\ \Phi_{664}\ \Phi_{332}\ \Phi_{83}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
115067	1596	312	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{312}^5\ \Phi_{156}^5\ \Phi_{104}^6\ \Phi_{78}^6\ \Phi_{52}^6\ \Phi_{39}^6\ \Phi_{26}^7\ \Phi_{13}^6$
115068	1596	500	$\frac{1}{25}$	$\frac{24}{125}$	$\frac{1}{5}$	$\frac{101}{500}$	$\Phi_{500}^4\ \Phi_{250}^4\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
115069	1596	100	$\frac{1}{20}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{100}^{20}\ \Phi_{50}^{20}\ \Phi_{25}^{16}\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
115070	1596	280	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{70}$	$\frac{1}{5}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^3\ \Phi_{56}^8\ \Phi_{40}^7\ \Phi_{35}^3\ \Phi_{28}^8\ \Phi_{20}^7\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_8^8\ \Phi_7^4\ \Phi_5^3\ \Phi_4^8\ \Phi_2^4\ \Phi_1^4$
115071	1596	160	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{27}{160}$	$\frac{1}{5}$	$\Phi_{160}^9\ \Phi_{80}^{10}\ \Phi_{40}^{10}\ \Phi_{32}^{12}\ \Phi_{20}^{10}\ \Phi_{16}^{12}\ \Phi_{10}^{10}\ \Phi_8^{12}\ \Phi_5^9\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
115072	1596	225	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{225}^{10}\ \Phi_{75}^5\ \Phi_{45}^2\ \Phi_{25}^6\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
115073	1596	125	$\frac{11}{125}$	$\frac{3}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{125}^{14}\ \Phi_{25}^8\ \Phi_5^7\ \Phi_1^8$
115074	1596	150	$\frac{7}{75}$	$\frac{17}{150}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{150}^{12}\ \Phi_{75}^9\ \Phi_{50}^{12}\ \Phi_{30}^{12}\ \Phi_{25}^{10}\ \Phi_{15}^9\ \Phi_{10}^{12}\ \Phi_6^{12}\ \Phi_5^9\ \Phi_3^9\ \Phi_2^{12}\ \Phi_1^{10}$
115075	1596	840	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{280}^2\ \Phi_{210}^3\ \Phi_{140}^2\ \Phi_{120}^3\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{10}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
115076	1596	320	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{5}$	$\Phi_{320}^{7}\ \Phi_{160}^{7}\ \Phi_{80}^{7}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
115077	1596	66	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{33}$	$\frac{2}{11}$	$\Phi_{66}^{33}\ \Phi_{33}^{24}\ \Phi_{22}^{18}\ \Phi_{11}^{13}\ \Phi_{6}^{33}\ \Phi_{3}^{24}\ \Phi_{2}^{18}\ \Phi_{1}^{14}$
115078	1597	3184	$\frac{5}{1592}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1587}{3184}$	$\Phi_{3184}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
115079	1597	2736	$\frac{1}{228}$	$\frac{229}{1368}$	$\frac{1139}{2736}$	$\frac{227}{456}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{152}\ \Phi_{144}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
115080	1597	3168	$\frac{13}{1584}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1571}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
115081	1597	3168	$\frac{13}{1584}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1571}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
115082	1597	3168	$\frac{13}{1584}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1571}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
115083	1597	2136	$\frac{5}{534}$	$\frac{1}{6}$	$\frac{539}{2136}$	$\frac{529}{1068}$	$\Phi_{2136}\ \Phi_{712}\ \Phi_{534}\ \Phi_{267}\ \Phi_{178}\ \Phi_{89}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
115084	1597	1920	$\frac{3}{320}$	$\frac{323}{1920}$	$\frac{1}{4}$	$\frac{317}{640}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
115085	1597	3160	$\frac{17}{1580}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1563}{3160}$	$\Phi_{3160}\ \Phi_{632}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
115086	1597	3024	$\frac{1}{84}$	$\frac{85}{1512}$	$\frac{1427}{3024}$	$\frac{83}{168}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
115087	1597	2016	$\frac{1}{84}$	$\frac{85}{504}$	$\frac{419}{2016}$	$\frac{83}{168}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
115088	1597	3040	$\frac{1}{76}$	$\frac{77}{1520}$	$\frac{1443}{3040}$	$\frac{75}{152}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{160}\ \Phi_{152}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
115089	1597	2280	$\frac{1}{76}$	$\frac{77}{760}$	$\frac{683}{2280}$	$\frac{75}{152}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{152}\ \Phi_{120}\ \Phi_{114}\ \Phi_{60}\ \Phi_{57}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
115090	1597	1824	$\frac{1}{76}$	$\frac{227}{1824}$	$\frac{77}{304}$	$\frac{75}{152}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{96}\ \Phi_{57}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
115091	1597	1722	$\frac{2}{123}$	$\frac{125}{1722}$	$\frac{1}{3}$	$\frac{121}{246}$	$\Phi_{1722}\ \Phi_{861}\ \Phi_{574}\ \Phi_{287}\ \Phi_{123}\ \Phi_{42}\ \Phi_{41}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
115092	1597	3136	$\frac{29}{1568}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{1539}{3136}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{64}\ \Phi_{56}\ \Phi_{8}\ \Phi_{1}$
115093	1597	3136	$\frac{29}{1568}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1539}{3136}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
115094	1597	3120	$\frac{37}{1560}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1523}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{80}\ \Phi_{48}\ \Phi_{39}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
115095	1597	3120	$\frac{37}{1560}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1523}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
115096	1597	2352	$\frac{1}{28}$	$\frac{29}{784}$	$\frac{755}{2352}$	$\frac{27}{56}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
115097	1597	1680	$\frac{1}{28}$	$\frac{83}{1680}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
115098	1597	1960	$\frac{1}{28}$	$\frac{29}{392}$	$\frac{363}{1960}$	$\frac{27}{56}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{280}\ \Phi_{245}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
115099	1597	1792	$\frac{1}{28}$	$\frac{195}{1792}$	$\frac{29}{224}$	$\frac{27}{56}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{56}\ \Phi_{8}\ \Phi_{1}$
115100	1597	3080	$\frac{57}{1540}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1483}{3080}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{88}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
115101	1597	3072	$\frac{61}{1536}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{1475}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
115102	1597	1932	$\frac{13}{322}$	$\frac{1}{14}$	$\frac{335}{1932}$	$\frac{309}{644}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{483}\ \Phi_{322}\ \Phi_{276}\ \Phi_{161}\ \Phi_{138}\ \Phi_{84}\ \Phi_{69}\ \Phi_{46}\ \Phi_{42}\ \Phi_{23}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
115103	1597	1664	$\frac{67}{1664}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
115104	1597	3040	$\frac{3}{80}$	$\frac{77}{1520}$	$\frac{1}{4}$	$\frac{1443}{3040}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
115105	1597	3040	$\frac{77}{1520}$	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{1443}{3040}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{160}\ \Phi_{95}\ \Phi_{32}\ \Phi_{5}\ \Phi_{1}$
115106	1597	1638	$\frac{41}{1638}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{234}\ \Phi_{182}\ \Phi_{126}\ \Phi_{117}\ \Phi_{91}\ \Phi_{63}\ \Phi_{42}\ \Phi_{39}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{13}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
115107	1597	1938	$\frac{1}{19}$	$\frac{18}{323}$	$\frac{341}{1938}$	$\frac{305}{646}$	$\Phi_{1938}\ \Phi_{969}\ \Phi_{323}\ \Phi_{114}\ \Phi_{102}\ \Phi_{57}\ \Phi_{51}\ \Phi_{17}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
115108	1597	3024	$\frac{1}{42}$	$\frac{85}{1512}$	$\frac{41}{126}$	$\frac{1427}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{48}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
115109	1597	3000	$\frac{3}{100}$	$\frac{97}{1500}$	$\frac{1}{4}$	$\frac{1403}{3000}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{200}\ \Phi_{120}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
115110	1597	2184	$\frac{1}{42}$	$\frac{41}{546}$	$\frac{587}{2184}$	$\frac{505}{1092}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{182}\ \Phi_{168}\ \Phi_{104}\ \Phi_{91}\ \Phi_{78}\ \Phi_{56}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_8\ \Phi_1$
115111	1597	2952	$\frac{2}{123}$	$\frac{121}{1476}$	$\frac{1}{3}$	$\frac{1355}{2952}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{328}\ \Phi_{123}\ \Phi_{72}\ \Phi_{41}\ \Phi_{24}\ \Phi_8\ \Phi_1$
115112	1597	2376	$\frac{13}{792}$	$\frac{1}{12}$	$\frac{779}{2376}$	$\frac{11}{24}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
115113	1597	1632	$\frac{35}{1632}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{96}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{32}\ \Phi_{24}\ \Phi_{17}\ \Phi_8\ \Phi_1$
115114	1597	2112	$\frac{13}{528}$	$\frac{1}{12}$	$\frac{515}{2112}$	$\frac{11}{24}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
115115	1597	1656	$\frac{59}{1656}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_8\ \Phi_1$
115116	1597	1848	$\frac{13}{264}$	$\frac{1}{12}$	$\frac{251}{1848}$	$\frac{11}{24}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{84}\ \Phi_{77}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
115117	1597	1728	$\frac{131}{1728}$	$\frac{1}{12}$	$\frac{13}{144}$	$\frac{11}{24}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
115118	1597	2940	$\frac{1}{21}$	$\frac{127}{1470}$	$\frac{20}{147}$	$\frac{1343}{2940}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{196}\ \Phi_{147}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{49}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
115119	1597	1848	$\frac{1}{21}$	$\frac{20}{231}$	$\frac{251}{1848}$	$\frac{211}{462}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{33}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
115120	1597	2880	$\frac{3}{160}$	$\frac{157}{1440}$	$\frac{1}{4}$	$\frac{1283}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
115121	1597	1764	$\frac{1}{21}$	$\frac{167}{1764}$	$\frac{20}{147}$	$\frac{127}{294}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{49}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
115122	1597	2800	$\frac{3}{200}$	$\frac{197}{1400}$	$\frac{1}{4}$	$\frac{1203}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{200}\ \Phi_{112}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
115123	1597	2772	$\frac{1}{21}$	$\frac{20}{231}$	$\frac{211}{1386}$	$\frac{1175}{2772}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{231}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{28}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
115124	1597	2736	$\frac{1}{114}$	$\frac{229}{1368}$	$\frac{113}{342}$	$\frac{1139}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{342}\ \Phi_{304}\ \Phi_{171}\ \Phi_{144}\ \Phi_{48}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
115125	1597	1680	$\frac{83}{1680}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{57}{140}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
115126	1597	2688	$\frac{1}{84}$	$\frac{253}{1344}$	$\frac{83}{336}$	$\frac{1091}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{336}\ \Phi_{168}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
115127	1597	1710	$\frac{1}{19}$	$\frac{113}{1710}$	$\frac{18}{95}$	$\frac{77}{190}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{342}\ \Phi_{285}\ \Phi_{171}\ \Phi_{114}\ \Phi_{95}\ \Phi_{90}\ \Phi_{57}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
115128	1597	2280	$\frac{1}{114}$	$\frac{113}{570}$	$\frac{683}{2280}$	$\frac{457}{1140}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{190}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
115129	1597	2584	$\frac{1}{19}$	$\frac{18}{323}$	$\frac{305}{1292}$	$\frac{987}{2584}$	$\Phi_{2584}\ \Phi_{323}\ \Phi_{152}\ \Phi_{136}\ \Phi_{17}\ \Phi_8\ \Phi_1$
115130	1597	2576	$\frac{13}{322}$	$\frac{1}{14}$	$\frac{309}{1288}$	$\frac{979}{2576}$	$\Phi_{2576}\ \Phi_{368}\ \Phi_{322}\ \Phi_{161}\ \Phi_{112}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_1$
115131	1597	2016	$\frac{1}{84}$	$\frac{419}{2016}$	$\frac{83}{336}$	$\frac{253}{672}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
115132	1597	2560	$\frac{3}{320}$	$\frac{317}{1280}$	$\frac{1}{4}$	$\frac{963}{2560}$	$\Phi_{2560}\ \Phi_{512}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
115133	1597	2520	$\frac{1}{84}$	$\frac{83}{420}$	$\frac{337}{1260}$	$\frac{923}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{72}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
115134	1597	1620	$\frac{23}{1620}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
115135	1597	1764	$\frac{1}{42}$	$\frac{167}{1764}$	$\frac{41}{126}$	$\frac{85}{252}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{63}\ \Phi_{49}\ \Phi_{18}\ \Phi_9\ \Phi_1$
115136	1597	2052	$\frac{1}{114}$	$\frac{455}{2052}$	$\frac{113}{342}$	$\frac{229}{684}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{513}\ \Phi_{342}\ \Phi_{171}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
115137	1597	2400	$\frac{3}{400}$	$\frac{1}{4}$	$\frac{397}{1200}$	$\frac{803}{2400}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{96}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
115138	1597	1845	$\frac{2}{123}$	$\frac{248}{1845}$	$\frac{121}{369}$	$\frac{1}{3}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{205}\ \Phi_{123}\ \Phi_{45}\ \Phi_{41}\ \Phi_{15}\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
115139	1597	2340	$\frac{37}{780}$	$\frac{2}{39}$	$\frac{743}{2340}$	$\frac{1}{3}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{234}\ \Phi_{180}\ \Phi_{117}\ \Phi_{90}\ \Phi_{45}\ \Phi_{39}\ \Phi_{36}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_1$
115140	1597	2214	$\frac{2}{123}$	$\frac{121}{738}$	$\frac{617}{2214}$	$\frac{1}{3}$	$\Phi_{2214}\ \Phi_{1107}\ \Phi_{123}\ \Phi_{54}\ \Phi_{41}\ \Phi_{27}\ \Phi_1$
115141	1597	1968	$\frac{2}{123}$	$\frac{371}{1968}$	$\frac{121}{492}$	$\frac{1}{3}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{328}\ \Phi_{123}\ \Phi_{48}\ \Phi_{41}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
115142	1597	1716	$\frac{2}{39}$	$\frac{119}{1716}$	$\frac{37}{156}$	$\frac{1}{3}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{286}\ \Phi_{143}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{39}\ \Phi_{33}\ \Phi_{22}\ \Phi_{13}\ \Phi_{11}\ \Phi_1$
115143	1597	1755	$\frac{2}{39}$	$\frac{158}{1755}$	$\frac{37}{195}$	$\frac{1}{3}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{135}\ \Phi_{117}\ \Phi_{45}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_9\ \Phi_1$
115144	1597	1950	$\frac{2}{39}$	$\frac{37}{390}$	$\frac{353}{1950}$	$\frac{1}{3}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{325}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{39}\ \Phi_{25}\ \Phi_{13}\ \Phi_1$
115145	1597	1872	$\frac{2}{39}$	$\frac{37}{312}$	$\frac{275}{1872}$	$\frac{1}{3}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{72}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{13}\ \Phi_9\ \Phi_1$
115146	1597	2376	$\frac{13}{792}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{779}{2376}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
115147	1597	1920	$\frac{3}{160}$	$\frac{323}{1920}$	$\frac{1}{4}$	$\frac{157}{480}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
115148	1597	2268	$\frac{1}{42}$	$\frac{85}{756}$	$\frac{671}{2268}$	$\frac{41}{126}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{162}\ \Phi_{126}\ \Phi_{81}\ \Phi_{63}\ \Phi_{18}\ \Phi_9\ \Phi_1$
115149	1597	1890	$\frac{1}{42}$	$\frac{293}{1890}$	$\frac{85}{378}$	$\frac{41}{126}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{135}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
115150	1597	2016	$\frac{1}{42}$	$\frac{85}{504}$	$\frac{419}{2016}$	$\frac{41}{126}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{63}\ \Phi_{48}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
115151	1597	1800	$\frac{3}{100}$	$\frac{203}{1800}$	$\frac{1}{4}$	$\frac{97}{300}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
115152	1597	1728	$\frac{3}{64}$	$\frac{131}{1728}$	$\frac{1}{4}$	$\frac{61}{192}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
115153	1597	2310	$\frac{1}{14}$	$\frac{57}{770}$	$\frac{13}{70}$	$\frac{713}{2310}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{105}\ \Phi_{70}\ \Phi_{66}\ \Phi_{42}\ \Phi_{35}\ \Phi_{33}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
115154	1597	1680	$\frac{83}{1680}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
115155	1597	2304	$\frac{3}{64}$	$\frac{61}{768}$	$\frac{1}{4}$	$\frac{707}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
115156	1597	2079	$\frac{1}{21}$	$\frac{20}{231}$	$\frac{482}{2079}$	$\frac{211}{693}$	$\Phi_{2079}\ \Phi_{297}\ \Phi_{231}\ \Phi_{189}\ \Phi_{77}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_1$
115157	1597	2280	$\frac{1}{19}$	$\frac{77}{760}$	$\frac{18}{95}$	$\frac{683}{2280}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{120}\ \Phi_{114}\ \Phi_{95}\ \Phi_{60}\ \Phi_{57}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
115158	1597	1980	$\frac{13}{396}$	$\frac{1}{6}$	$\frac{383}{1980}$	$\frac{5}{18}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
115159	1597	1656	$\frac{59}{1656}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_{18}\ \Phi_9\ \Phi_1$
115160	1597	1782	$\frac{13}{198}$	$\frac{185}{1782}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
115161	1597	1728	$\frac{131}{1728}$	$\frac{13}{144}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
115162	1597	2205	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{127}{735}$	$\frac{608}{2205}$	$\Phi_{2205}\ \Phi_{441}\ \Phi_{315}\ \Phi_{147}\ \Phi_{63}\ \Phi_{49}\ \Phi_{45}\ \Phi_9\ \Phi_1$
115163	1597	1632	$\frac{35}{1632}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{96}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_1$
115164	1597	2112	$\frac{13}{528}$	$\frac{3}{16}$	$\frac{515}{2112}$	$\frac{1}{4}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
115165	1597	1792	$\frac{3}{64}$	$\frac{195}{1792}$	$\frac{61}{256}$	$\frac{1}{4}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
115166	1597	2080	$\frac{37}{520}$	$\frac{3}{40}$	$\frac{483}{2080}$	$\frac{1}{4}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{416}\ \Phi_{208}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
115167	1597	2048	$\frac{3}{64}$	$\frac{61}{512}$	$\frac{451}{2048}$	$\frac{1}{4}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
115168	1597	2000	$\frac{3}{100}$	$\frac{97}{500}$	$\frac{403}{2000}$	$\frac{1}{4}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
115169	1597	1760	$\frac{13}{176}$	$\frac{163}{1760}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
115170	1597	1728	$\frac{131}{1728}$	$\frac{13}{144}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
115171	1597	1920	$\frac{3}{64}$	$\frac{61}{384}$	$\frac{323}{1920}$	$\frac{1}{4}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
115172	1597	1792	$\frac{3}{32}$	$\frac{195}{1792}$	$\frac{29}{224}$	$\frac{1}{4}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
115173	1597	1900	$\frac{1}{19}$	$\frac{303}{1900}$	$\frac{18}{95}$	$\frac{77}{380}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{475}\ \Phi_{100}\ \Phi_{95}\ \Phi_{50}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}$
115174	1598	4776	$\frac{3}{796}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{793}{1592}$	$\Phi_{4776}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
115175	1598	1590	$\frac{4}{795}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{791}{1590}$	$\Phi_{1590}^2\ \Phi_{530}^2\ \Phi_{318}^2\ \Phi_{106}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{2}^2$
115176	1598	960	$\frac{1}{160}$	$\frac{161}{960}$	$\frac{1}{3}$	$\frac{159}{320}$	$\Phi_{960}\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
115177	1598	1584	$\frac{7}{792}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{785}{1584}$	$\Phi_{1584}^2\ \Phi_{528}^2\ \Phi_{176}^2\ \Phi_{144}^2\ \Phi_{48}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_{6}$
115178	1598	2976	$\frac{1}{93}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{46}{93}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{96}\ \Phi_{93}\ \Phi_{32}^2\ \Phi_{31}\ \Phi_{3}\ \Phi_{1}^2$
115179	1598	744	$\frac{1}{93}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{46}{93}$	$\Phi_{744}^2\ \Phi_{372}^2\ \Phi_{248}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{93}^3\ \Phi_{62}^2\ \Phi_{31}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
115180	1598	1860	$\frac{1}{93}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{46}{93}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{465}\ \Phi_{310}\ \Phi_{155}\ \Phi_{93}\ \Phi_{60}\ \Phi_{31}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
115181	1598	4740	$\frac{9}{790}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{781}{1580}$	$\Phi_{4740}\ \Phi_{948}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
115182	1598	4704	$\frac{15}{784}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{769}{1568}$	$\Phi_{4704}\ \Phi_{672}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
115183	1598	3036	$\frac{1}{46}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{45}{92}$	$\Phi_{3036}\ \Phi_{1012}\ \Phi_{276}\ \Phi_{132}\ \Phi_{92}^2\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
115184	1598	828	$\frac{1}{46}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{828}^4\ \Phi_{276}^3\ \Phi_{92}^4\ \Phi_{36}^4\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
115185	1598	1012	$\frac{1}{46}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{45}{92}$	$\Phi_{1012}^3\ \Phi_{92}^4\ \Phi_{44}^3\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{4}^4\ \Phi_{2}^2\ \Phi_{1}^2$
115186	1598	1560	$\frac{19}{780}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{761}{1560}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}^2\ \Phi_{120}^2\ \Phi_{104}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}^2\ \Phi_{6}$
115187	1598	759	$\frac{1}{33}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{16}{33}$	$\Phi_{759}^2\ \Phi_{253}^2\ \Phi_{69}^3\ \Phi_{33}^3\ \Phi_{23}^2\ \Phi_{11}^3\ \Phi_{3}^4\ \Phi_{1}^4$
115188	1598	4650	$\frac{24}{775}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{751}{1550}$	$\Phi_{4650}\ \Phi_{930}\ \Phi_{186}\ \Phi_{150}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
115189	1598	2496	$\frac{1}{32}$	$\frac{33}{832}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
115190	1598	1536	$\frac{1}{32}$	$\frac{31}{768}$	$\frac{1}{3}$	$\frac{737}{1536}$	$\Phi_{1536}^2\ \Phi_{512}^2\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
115191	1598	630	$\frac{1}{35}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{630}^5\ \Phi_{210}^5\ \Phi_{126}^5\ \Phi_{105}\ \Phi_{90}^4\ \Phi_{70}^5\ \Phi_{42}^5\ \Phi_{30}^4\ \Phi_{21}\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{14}^5\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{2}^4$
115192	1598	90	$\frac{2}{45}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{43}{90}$	$\Phi_{90}^{17}\ \Phi_{45}^{19}\ \Phi_{30}^{17}\ \Phi_{18}^{16}\ \Phi_{15}^{19}\ \Phi_{10}^{17}\ \Phi_{9}^{18}\ \Phi_{6}^{16}\ \Phi_{5}^{18}\ \Phi_{3}^{18}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
115193	1598	4560	$\frac{1}{40}$	$\frac{39}{760}$	$\frac{1}{3}$	$\frac{721}{1520}$	$\Phi_{4560}\ \Phi_{912}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
115194	1598	342	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{342}^5\ \Phi_{171}^5\ \Phi_{114}^5\ \Phi_{57}^3\ \Phi_{38}^5\ \Phi_{19}^4\ \Phi_{18}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
115195	1598	96	$\frac{1}{48}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{96}^{31}\ \Phi_{48}^2\ \Phi_{32}^{32}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
115196	1598	2240	$\frac{1}{35}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{2240}\ \Phi_{560}\ \Phi_{448}\ \Phi_{320}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
115197	1598	992	$\frac{1}{31}$	$\frac{1}{16}$	$\frac{15}{62}$	$\frac{15}{32}$	$\Phi_{992}^3\ \Phi_{62}^2\ \Phi_{32}^4\ \Phi_{31}\ \Phi_{2}^2\ \Phi_{1}^2$
115198	1598	1500	$\frac{1}{50}$	$\frac{49}{750}$	$\frac{1}{3}$	$\frac{701}{1500}$	$\Phi_{1500}^2\ \Phi_{500}^2\ \Phi_{300}^2\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}^2$
115199	1598	3080	$\frac{1}{35}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
115200	1598	1440	$\frac{1}{80}$	$\frac{79}{720}$	$\frac{1}{3}$	$\frac{641}{1440}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}^2\ \Phi_{240}\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
115201	1598	420	$\frac{1}{35}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{420}^7\ \Phi_{210}\ \Phi_{140}^7\ \Phi_{105}\ \Phi_{84}^6\ \Phi_{70}\ \Phi_{60}^7\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}^6\ \Phi_{21}\ \Phi_{20}^7\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^6\ \Phi_{10}\ \Phi_{4}^6$
115202	1598	570	$\frac{1}{95}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{570}^5\ \Phi_{285}\ \Phi_{190}^5\ \Phi_{114}^5\ \Phi_{57}\ \Phi_{38}^5\ \Phi_{30}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{2}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
115203	1598	240	$\frac{1}{48}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{80}^7\ \Phi_{60}^7\ \Phi_{48}^6\ \Phi_{40}^7\ \Phi_{30}^5\ \Phi_{24}^6\ \Phi_{20}^7\ \Phi_{16}^6\ \Phi_{15}^7\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_8^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
115204	1598	4200	$\frac{1}{100}$	$\frac{99}{700}$	$\frac{1}{3}$	$\frac{601}{1400}$	$\Phi_{4200}\ \Phi_{840}\ \Phi_{600}\ \Phi_{300}\ \Phi_{168}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
115205	1598	336	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{48}^4\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{16}^4\ \Phi_{14}^5\ \Phi_{12}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
115206	1598	2280	$\frac{1}{95}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{190}\ \Phi_{152}\ \Phi_{120}\ \Phi_{114}\ \Phi_{57}\ \Phi_{40}\ \Phi_{38}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
115207	1598	560	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{560}^5\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}^5\ \Phi_{80}^4\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{14}\ \Phi_{10}$
115208	1598	240	$\frac{1}{48}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{80}^7\ \Phi_{60}^7\ \Phi_{48}^6\ \Phi_{40}^7\ \Phi_{30}^7\ \Phi_{24}^6\ \Phi_{20}^5\ \Phi_{16}^6\ \Phi_{15}^7\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_8^6\ \Phi_6^6\ \Phi_5^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
115209	1598	450	$\frac{1}{18}$	$\frac{3}{50}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^3\ \Phi_{75}^4\ \Phi_{50}^2\ \Phi_{45}^3\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{10}\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
115210	1598	336	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{48}^4\ \Phi_{42}^5\ \Phi_{28}^3\ \Phi_{24}^4\ \Phi_{21}^5\ \Phi_{16}^4\ \Phi_{14}^5\ \Phi_{12}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_6^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
115211	1598	684	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{9}{38}$	$\frac{29}{76}$	$\Phi_{684}^4\ \Phi_{342}\ \Phi_{228}^4\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{38}\ \Phi_{36}^4\ \Phi_{12}^4\ \Phi_4^2$
115212	1598	3840	$\frac{1}{160}$	$\frac{159}{640}$	$\frac{1}{3}$	$\frac{481}{1280}$	$\Phi_{3840}\ \Phi_{768}\ \Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
115213	1598	2520	$\frac{1}{35}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
115214	1598	1200	$\frac{1}{200}$	$\frac{199}{600}$	$\frac{1}{3}$	$\frac{401}{1200}$	$\Phi_{1200}^2\ \Phi_{600}\ \Phi_{400}^2\ \Phi_{300}\ \Phi_{240}^2\ \Phi_{150}\ \Phi_{120}\ \Phi_{80}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
115215	1598	960	$\frac{1}{80}$	$\frac{161}{960}$	$\frac{79}{240}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
115216	1598	900	$\frac{1}{50}$	$\frac{101}{900}$	$\frac{49}{150}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6\ \Phi_4^2$
115217	1598	864	$\frac{1}{32}$	$\frac{65}{864}$	$\frac{31}{96}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
115218	1598	150	$\frac{1}{25}$	$\frac{3}{50}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{150}^{17}\ \Phi_{75}^{15}\ \Phi_{30}^{17}\ \Phi_{15}^{15}\ \Phi_6^{17}\ \Phi_3^{14}$
115219	1598	414	$\frac{1}{23}$	$\frac{1}{18}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{414}^4\ \Phi_{207}^4\ \Phi_{138}^4\ \Phi_{69}^3\ \Phi_{46}^4\ \Phi_{23}^2\ \Phi_{18}^6\ \Phi_9^6\ \Phi_6^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
115220	1598	840	$\frac{41}{840}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_7^2\ \Phi_6$
115221	1598	1152	$\frac{1}{32}$	$\frac{31}{384}$	$\frac{353}{1152}$	$\frac{1}{3}$	$\Phi_{1152}^2\ \Phi_{576}^2\ \Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}\ \Phi_{72}^2\ \Phi_{48}\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
115222	1598	48	$\frac{1}{48}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{48}^{34}\ \Phi_{24}^{33}\ \Phi_{16}^{34}\ \Phi_{12}^{33}\ \Phi_8^{32}\ \Phi_6^{33}\ \Phi_4^{32}\ \Phi_3^{32}\ \Phi_2^{32}\ \Phi_1^{32}$
115223	1598	810	$\frac{11}{810}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_2^2$
115224	1598	240	$\frac{1}{48}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{80}^8\ \Phi_{60}^7\ \Phi_{48}^2\ \Phi_{40}^8\ \Phi_{30}^7\ \Phi_{24}^2\ \Phi_{20}^8\ \Phi_{16}^2\ \Phi_{15}^7\ \Phi_{12}^2\ \Phi_{10}^8\ \Phi_8^2\ \Phi_6^2\ \Phi_5^8\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
115225	1598	3180	$\frac{4}{265}$	$\frac{1}{5}$	$\frac{261}{1060}$	$\frac{1}{3}$	$\Phi_{3180}\ \Phi_{1590}\ \Phi_{636}\ \Phi_{318}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
115226	1598	1056	$\frac{7}{264}$	$\frac{1}{8}$	$\frac{257}{1056}$	$\frac{1}{3}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{176}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
115227	1598	2688	$\frac{1}{32}$	$\frac{97}{896}$	$\frac{31}{128}$	$\frac{1}{3}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
115228	1598	3120	$\frac{1}{20}$	$\frac{19}{260}$	$\frac{241}{1040}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{624}\ \Phi_{312}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
115229	1598	1890	$\frac{1}{35}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
115230	1598	3072	$\frac{1}{32}$	$\frac{31}{256}$	$\frac{225}{1024}$	$\frac{1}{3}$	$\Phi_{3072}\ \Phi_{1536}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
115231	1598	420	$\frac{1}{35}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^5\ \Phi_{105}\ \Phi_{84}^5\ \Phi_{70}^5\ \Phi_{60}^4\ \Phi_{42}^5\ \Phi_{30}^4\ \Phi_{28}^5\ \Phi_{21}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{14}^5\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
115232	1598	3000	$\frac{1}{50}$	$\frac{49}{250}$	$\frac{201}{1000}$	$\frac{1}{3}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
115233	1598	960	$\frac{1}{32}$	$\frac{31}{192}$	$\frac{161}{960}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
115234	1598	2688	$\frac{1}{16}$	$\frac{97}{896}$	$\frac{15}{112}$	$\frac{1}{3}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
115235	1598	864	$\frac{65}{864}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
115236	1598	2640	$\frac{7}{88}$	$\frac{81}{880}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{240}\ \Phi_{165}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
115237	1598	1518	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{22}{69}$	$\Phi_{1518}^2\ \Phi_{759}\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{66}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
115238	1598	270	$\frac{1}{18}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{135}$	$\Phi_{270}^9\ \Phi_{135}^8\ \Phi_{90}\ \Phi_{54}^9\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}^8\ \Phi_{15}\ \Phi_{10}$
115239	1598	744	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{15}{62}$	$\frac{7}{24}$	$\Phi_{744}^3\ \Phi_{372}^3\ \Phi_{186}^3\ \Phi_{93}^3\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^2$
115240	1598	720	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{120}\ \Phi_{90}^3\ \Phi_{80}\ \Phi_{72}^3\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{40}\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{10}\ \Phi_9^2$
115241	1598	630	$\frac{1}{18}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{126}^3\ \Phi_{105}^2\ \Phi_{90}\ \Phi_{70}^3\ \Phi_{63}^3\ \Phi_{45}\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}^3\ \Phi_{10}\ \Phi_7^2$
115242	1598	620	$\frac{1}{31}$	$\frac{3}{20}$	$\frac{15}{62}$	$\frac{1}{4}$	$\Phi_{620}^3\ \Phi_{310}^3\ \Phi_{155}^3\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^2\ \Phi_1^2$
115243	1598	180	$\frac{1}{18}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{180}^{12}\ \Phi_{90}^7\ \Phi_{60}^{10}\ \Phi_{45}^7\ \Phi_{36}^{12}\ \Phi_{30}^5\ \Phi_{20}^{10}\ \Phi_{18}^6\ \Phi_{15}^7\ \Phi_{12}^{10}\ \Phi_{10}^5\ \Phi_9^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^{10}\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
115244	1599	2124	$\frac{2}{531}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{529}{1062}$	$\Phi_{2124}\ \Phi_{708}\ \Phi_{531}\ \Phi_{236}\ \Phi_{177}\ \Phi_{59}\ \Phi_{36}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
115245	1599	712	$\frac{1}{178}$	$\frac{1}{4}$	$\frac{179}{712}$	$\frac{177}{356}$	$\Phi_{712}^3\ \Phi_{356}^2\ \Phi_{178}\ \Phi_{89}\ \Phi_8^3\ \Phi_4\ \Phi_1$
115246	1599	1464	$\frac{1}{122}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{121}{244}$	$\Phi_{1464}^2\ \Phi_{488}^2\ \Phi_{244}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
115247	1599	3660	$\frac{1}{122}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{121}{244}$	$\Phi_{3660}\ \Phi_{1220}\ \Phi_{244}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_5\ \Phi_4\ \Phi_1$
115248	1599	2196	$\frac{1}{122}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{121}{244}$	$\Phi_{2196}^2\ \Phi_{244}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
115249	1599	976	$\frac{1}{122}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{121}{244}$	$\Phi_{976}^2\ \Phi_{488}^2\ \Phi_{244}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
115250	1599	1056	$\frac{5}{528}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{523}{1056}$	$\Phi_{1056}^3\ \Phi_{352}^3\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
115251	1599	3008	$\frac{1}{94}$	$\frac{95}{1504}$	$\frac{1409}{3008}$	$\frac{93}{188}$	$\Phi_{3008}\ \Phi_{188}\ \Phi_{64}\ \Phi_4\ \Phi_1$
115252	1599	752	$\frac{1}{94}$	$\frac{95}{752}$	$\frac{219}{752}$	$\frac{93}{188}$	$\Phi_{752}^2\ \Phi_{376}^2\ \Phi_{188}^3\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
115253	1599	1880	$\frac{1}{94}$	$\frac{281}{1880}$	$\frac{95}{376}$	$\frac{93}{188}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{470}\ \Phi_{235}\ \Phi_{188}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
115254	1599	47	$\frac{1}{47}$	$\frac{6}{47}$	$\frac{8}{47}$	$\frac{23}{47}$	$\Phi_{47}^{34}\ \Phi_1^{35}$
115255	1599	3128	$\frac{35}{1564}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{1529}{3128}$	$\Phi_{3128}\ \Phi_{184}\ \Phi_{136}\ \Phi_{68}\ \Phi_8\ \Phi_4\ \Phi_1$
115256	1599	1520	$\frac{1}{40}$	$\frac{1}{38}$	$\frac{37}{76}$	$\frac{39}{80}$	$\Phi_{1520}^2\ \Phi_{304}^2\ \Phi_{80}^3\ \Phi_{76}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
115257	1599	1520	$\frac{1}{40}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{39}{80}$	$\Phi_{1520}^2\ \Phi_{304}^2\ \Phi_{80}^3\ \Phi_{19}^2\ \Phi_{16}^3\ \Phi_1^3$
115258	1599	560	$\frac{1}{40}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{39}{80}$	$\Phi_{560}^6\ \Phi_{112}^6\ \Phi_{80}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
115259	1599	1140	$\frac{1}{38}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{37}{76}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{285}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}\ \Phi_{60}^3\ \Phi_{57}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
115260	1599	836	$\frac{1}{38}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{37}{76}$	$\Phi_{836}^2\ \Phi_{418}^2\ \Phi_{209}^2\ \Phi_{76}\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_4\ \Phi_1$
115261	1599	3420	$\frac{1}{38}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{37}{76}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{228}\ \Phi_{180}\ \Phi_{76}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
115262	1599	1900	$\frac{1}{38}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{37}{76}$	$\Phi_{1900}^2\ \Phi_{100}^2\ \Phi_{76}\ \Phi_{50}\ \Phi_{25}\ \Phi_4\ \Phi_1$
115263	1599	912	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{37}{76}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}\ \Phi_{57}^2\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
115264	1599	1020	$\frac{1}{34}$	$\frac{23}{510}$	$\frac{11}{34}$	$\frac{487}{1020}$	$\Phi_{1020}^3\ \Phi_{340}^3\ \Phi_{204}^3\ \Phi_{68}^3\ \Phi_{60}^3\ \Phi_{34}^2\ \Phi_{20}^3\ \Phi_{17}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
115265	1599	1020	$\frac{23}{510}$	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{487}{1020}$	$\Phi_{1020}^3\ \Phi_{340}^3\ \Phi_{204}^3\ \Phi_{85}\ \Phi_{68}^3\ \Phi_{60}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_5\ \Phi_4^3\ \Phi_1$
115266	1599	646	$\frac{16}{323}$	$\frac{1}{17}$	$\frac{113}{646}$	$\frac{307}{646}$	$\Phi_{646}^2\ \Phi_{323}^3\ \Phi_{38}^2\ \Phi_{34}^2\ \Phi_{19}^3\ \Phi_{17}^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
115267	1599	1560	$\frac{1}{40}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{120}^2\ \Phi_{104}\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
115268	1599	2176	$\frac{1}{34}$	$\frac{33}{544}$	$\frac{577}{2176}$	$\frac{511}{1088}$	$\Phi_{2176}\ \Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{128}\ \Phi_{68}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
115269	1599	2992	$\frac{1}{34}$	$\frac{103}{1496}$	$\frac{33}{136}$	$\frac{1393}{2992}$	$\Phi_{2992}\ \Phi_{272}\ \Phi_{176}\ \Phi_{136}\ \Phi_{68}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
115270	1599	280	$\frac{1}{40}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{56}^5\ \Phi_{40}^5\ \Phi_{35}^6\ \Phi_{28}^6\ \Phi_{20}^5\ \Phi_{14}^5\ \Phi_{10}^5\ \Phi_8^4\ \Phi_7^5\ \Phi_5^5\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
115271	1599	1464	$\frac{1}{61}$	$\frac{1}{12}$	$\frac{20}{61}$	$\frac{11}{24}$	$\Phi_{1464}^2\ \Phi_{488}^2\ \Phi_{61}^2\ \Phi_{24}^3\ \Phi_8^3\ \Phi_1^3$
115272	1599	168	$\frac{1}{42}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{168}^{18}\ \Phi_{84}^2\ \Phi_{56}^{18}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}^{15}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8^{15}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
115273	1599	47	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{6}{47}$	$\frac{21}{47}$	$\Phi_{47}^{34}\ \Phi_1^{35}$
115274	1599	210	$\frac{1}{42}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{210}^8\ \Phi_{105}^8\ \Phi_{70}^7\ \Phi_{42}^7\ \Phi_{35}^8\ \Phi_{30}^8\ \Phi_{21}^7\ \Phi_{15}^8\ \Phi_{14}^6\ \Phi_{10}^7\ \Phi_7^7\ \Phi_6^7\ \Phi_5^7\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
115275	1599	952	$\frac{1}{34}$	$\frac{57}{476}$	$\frac{11}{68}$	$\frac{419}{952}$	$\Phi_{952}^3\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{56}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_8^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
115276	1599	336	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{336}^4\ \Phi_{168}^6\ \Phi_{112}^4\ \Phi_{84}^6\ \Phi_{56}^6\ \Phi_{48}^4\ \Phi_{42}^5\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{21}^5\ \Phi_{16}^2\ \Phi_{14}^5\ \Phi_{12}^6\ \Phi_8^3\ \Phi_7^5\ \Phi_6^5\ \Phi_4^3\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
115277	1599	940	$\frac{1}{94}$	$\frac{63}{470}$	$\frac{31}{94}$	$\frac{407}{940}$	$\Phi_{940}^3\ \Phi_{188}^3\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{20}^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
115278	1599	940	$\frac{1}{47}$	$\frac{63}{470}$	$\frac{46}{235}$	$\frac{407}{940}$	$\Phi_{940}^3\ \Phi_{235}\ \Phi_{188}^3\ \Phi_{20}^3\ \Phi_5\ \Phi_4^3\ \Phi_1$
115279	1599	360	$\frac{1}{40}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^6\ \Phi_{90}^4\ \Phi_{72}^3\ \Phi_{60}^6\ \Phi_{45}^4\ \Phi_{40}^5\ \Phi_{36}^4\ \Phi_{30}^6\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{18}^4\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_9^4\ \Phi_8^4\ \Phi_6^5\ \Phi_5^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
115280	1599	658	$\frac{1}{47}$	$\frac{46}{329}$	$\frac{125}{658}$	$\frac{283}{658}$	$\Phi_{658}^2\ \Phi_{329}^3\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{14}^2\ \Phi_7^3\ \Phi_2^2\ \Phi_1^3$
115281	1599	752	$\frac{1}{94}$	$\frac{31}{188}$	$\frac{219}{752}$	$\frac{157}{376}$	$\Phi_{752}^3\ \Phi_{188}^3\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{16}^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
115282	1599	540	$\frac{7}{540}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{54}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{27}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
115283	1599	240	$\frac{1}{40}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{240}^8\ \Phi_{120}^6\ \Phi_{80}^8\ \Phi_{60}^6\ \Phi_{48}^7\ \Phi_{40}^5\ \Phi_{30}^6\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{16}^7\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^5\ \Phi_5^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
115284	1599	280	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^5\ \Phi_{56}^6\ \Phi_{40}^5\ \Phi_{35}^6\ \Phi_{28}^6\ \Phi_{20}^5\ \Phi_{14}^5\ \Phi_{10}^4\ \Phi_8^5\ \Phi_7^5\ \Phi_5^5\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
115285	1599	2720	$\frac{1}{34}$	$\frac{33}{272}$	$\frac{239}{1360}$	$\frac{1121}{2720}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{272}\ \Phi_{160}\ \Phi_{136}\ \Phi_{68}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
115286	1599	1700	$\frac{1}{17}$	$\frac{101}{1700}$	$\frac{16}{85}$	$\frac{69}{170}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{425}\ \Phi_{340}\ \Phi_{100}\ \Phi_{85}\ \Phi_{68}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
115287	1599	1880	$\frac{1}{47}$	$\frac{281}{1880}$	$\frac{46}{235}$	$\frac{189}{470}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{376}\ \Phi_{235}\ \Phi_{188}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
115288	1599	1780	$\frac{1}{89}$	$\frac{88}{445}$	$\frac{1}{4}$	$\frac{357}{890}$	$\Phi_{1780}\ \Phi_{445}\ \Phi_{356}^2\ \Phi_{178}\ \Phi_{89}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
115289	1599	2632	$\frac{1}{47}$	$\frac{46}{329}$	$\frac{283}{1316}$	$\frac{1033}{2632}$	$\Phi_{2632}\ \Phi_{376}\ \Phi_{329}\ \Phi_{56}\ \Phi_8\ \Phi_7\ \Phi_1$
115290	1599	1344	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{1344}^2\ \Phi_{448}^2\ \Phi_{192}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{64}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
115291	1599	2584	$\frac{16}{323}$	$\frac{1}{17}$	$\frac{307}{1292}$	$\frac{985}{2584}$	$\Phi_{2584}\ \Phi_{323}\ \Phi_{152}\ \Phi_{136}\ \Phi_{19}\ \Phi_8\ \Phi_1$
115292	1599	896	$\frac{5}{128}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{896}^2\ \Phi_{448}^2\ \Phi_{224}^2\ \Phi_{128}\ \Phi_{112}^2\ \Phi_{64}\ \Phi_{32}\ \Phi_{28}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
115293	1599	420	$\frac{1}{42}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{420}^6\ \Phi_{210}^2\ \Phi_{140}^6\ \Phi_{105}^2\ \Phi_{84}^6\ \Phi_{70}^2\ \Phi_{60}^6\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^6\ \Phi_{21}\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{12}^6\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4^3\ \Phi_3\ \Phi_1$
115294	1599	816	$\frac{1}{34}$	$\frac{11}{136}$	$\frac{125}{408}$	$\frac{283}{816}$	$\Phi_{816}^3\ \Phi_{272}^3\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{48}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
115295	1599	188	$\frac{3}{94}$	$\frac{7}{94}$	$\frac{29}{94}$	$\frac{65}{188}$	$\Phi_{188}^{13}\ \Phi_{94}^4\ \Phi_{47}^4\ \Phi_4^{13}\ \Phi_2^4\ \Phi_1^5$
115296	1599	434	$\frac{1}{31}$	$\frac{1}{14}$	$\frac{10}{31}$	$\frac{21}{62}$	$\Phi_{434}^4\ \Phi_{217}^4\ \Phi_{62}\ \Phi_{31}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_1^3$
115297	1599	799	$\frac{4}{799}$	$\frac{265}{799}$	$\frac{266}{799}$	$\frac{267}{799}$	$\Phi_{799}^2\ \Phi_{47}^2\ \Phi_{17}^2\ \Phi_1^3$
115298	1599	915	$\frac{1}{61}$	$\frac{2}{15}$	$\frac{20}{61}$	$\frac{1}{3}$	$\Phi_{915}^2\ \Phi_{305}^2\ \Phi_{61}^2\ \Phi_{15}^3\ \Phi_5^3\ \Phi_1^3$
115299	1599	708	$\frac{2}{177}$	$\frac{175}{708}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{708}^2\ \Phi_{354}^2\ \Phi_{236}^2\ \Phi_{177}^3\ \Phi_{118}^2\ \Phi_{59}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
115300	1599	540	$\frac{7}{540}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{54}^3\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{27}^3\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
115301	1599	420	$\frac{1}{42}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^6\ \Phi_{210}^3\ \Phi_{140}^6\ \Phi_{105}^3\ \Phi_{84}^2\ \Phi_{70}^3\ \Phi_{60}^5\ \Phi_{42}\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^5\ \Phi_{15}^3\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
115302	1599	1098	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{20}{61}$	$\Phi_{1098}^2\ \Phi_{549}^2\ \Phi_{61}^2\ \Phi_{18}^3\ \Phi_9^3\ \Phi_1^3$
115303	1599	976	$\frac{1}{61}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{20}{61}$	$\Phi_{976}^2\ \Phi_{488}^2\ \Phi_{61}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_1^3$
115304	1599	792	$\frac{5}{264}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{259}{792}$	$\Phi_{792}^3\ \Phi_{396}^3\ \Phi_{198}^3\ \Phi_{99}^3\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
115305	1599	612	$\frac{1}{34}$	$\frac{79}{612}$	$\frac{23}{102}$	$\frac{11}{34}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{204}^3\ \Phi_{153}^3\ \Phi_{68}^3\ \Phi_{36}^3\ \Phi_{34}^2\ \Phi_{18}^3\ \Phi_{17}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
115306	1599	680	$\frac{1}{34}$	$\frac{23}{170}$	$\frac{147}{680}$	$\frac{11}{34}$	$\Phi_{680}^3\ \Phi_{340}^3\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{40}^3\ \Phi_{34}^2\ \Phi_{20}^3\ \Phi_{17}^2\ \Phi_8^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
115307	1599	1140	$\frac{1}{20}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{19}{60}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{285}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{60}^3\ \Phi_{57}^2\ \Phi_{30}^3\ \Phi_{19}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
115308	1599	420	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{19}{60}$	$\Phi_{420}^6\ \Phi_{210}^6\ \Phi_{105}^6\ \Phi_{84}^6\ \Phi_{60}^3\ \Phi_{42}^6\ \Phi_{30}^3\ \Phi_{28}^2\ \Phi_{21}^6\ \Phi_{15}^3\ \Phi_{14}\ \Phi_{12}^3\ \Phi_7\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
115309	1599	836	$\frac{1}{19}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{836}^2\ \Phi_{418}^2\ \Phi_{209}^2\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{19}^2\ \Phi_{11}^3\ \Phi_1^3$
115310	1599	855	$\frac{1}{19}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{6}{19}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{171}^2\ \Phi_{57}^2\ \Phi_{45}^3\ \Phi_{19}^2\ \Phi_{15}^3\ \Phi_9^3\ \Phi_3^3\ \Phi_1^3$
115311	1599	950	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{6}{19}$	$\Phi_{950}^2\ \Phi_{475}^2\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{19}^2\ \Phi_1^3$
115312	1599	912	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{6}{19}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{19}^2\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
115313	1599	765	$\frac{1}{17}$	$\frac{23}{255}$	$\frac{16}{85}$	$\frac{232}{765}$	$\Phi_{765}^3\ \Phi_{153}^3\ \Phi_{85}\ \Phi_{45}^3\ \Phi_9^3\ \Phi_5\ \Phi_1$
115314	1599	252	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{252}^{12}\ \Phi_{126}^6\ \Phi_{84}^2\ \Phi_{63}^6\ \Phi_{42}\ \Phi_{36}^{10}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{18}^5\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9^5\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
115315	1599	1080	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{54}\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
115316	1599	595	$\frac{1}{17}$	$\frac{62}{595}$	$\frac{16}{85}$	$\frac{23}{85}$	$\Phi_{595}^3\ \Phi_{119}^3\ \Phi_{85}\ \Phi_{35}^3\ \Phi_7^3\ \Phi_5\ \Phi_1$
115317	1599	705	$\frac{1}{47}$	$\frac{46}{235}$	$\frac{172}{705}$	$\frac{63}{235}$	$\Phi_{705}^3\ \Phi_{235}\ \Phi_{141}^3\ \Phi_{15}^3\ \Phi_5\ \Phi_3^3\ \Phi_1$
115318	1599	336	$\frac{1}{42}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{84}^2\ \Phi_{56}^6\ \Phi_{48}^6\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}^6\ \Phi_{21}\ \Phi_{16}^3\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8^3\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
115319	1599	308	$\frac{3}{44}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{308}^6\ \Phi_{154}^6\ \Phi_{77}^6\ \Phi_{44}^3\ \Phi_{28}^2\ \Phi_{22}^3\ \Phi_{14}\ \Phi_{11}^3\ \Phi_7\ \Phi_4\ \Phi_1$
115320	1599	1120	$\frac{1}{14}$	$\frac{3}{40}$	$\frac{37}{160}$	$\frac{1}{4}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{224}^2\ \Phi_{160}\ \Phi_{112}^2\ \Phi_{80}\ \Phi_{32}\ \Phi_{28}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
115321	1599	552	$\frac{19}{552}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{552}^3\ \Phi_{276}^3\ \Phi_{184}^3\ \Phi_{138}^3\ \Phi_{92}^3\ \Phi_{69}^3\ \Phi_{46}^3\ \Phi_{23}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
115322	1599	1260	$\frac{1}{14}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_3\ \Phi_1$
115323	1599	660	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{127}{660}$	$\frac{1}{4}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}^3\ \Phi_{110}^3\ \Phi_{60}^3\ \Phi_{55}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
115324	1599	700	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{4}$	$\Phi_{700}^4\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{100}^2\ \Phi_{50}\ \Phi_{28}^2\ \Phi_{25}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
115325	1599	576	$\frac{43}{576}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{64}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
115326	1599	1188	$\frac{5}{66}$	$\frac{61}{594}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1188}^2\ \Phi_{594}\ \Phi_{396}^2\ \Phi_{297}\ \Phi_{198}\ \Phi_{108}^2\ \Phi_{99}\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
115327	1599	140	$\frac{1}{14}$	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{140}^{11}\ \Phi_{70}^{11}\ \Phi_{35}^{11}\ \Phi_{28}^{13}\ \Phi_{20}^{12}\ \Phi_{14}^{12}\ \Phi_{10}^{12}\ \Phi_7^{12}\ \Phi_5^{12}\ \Phi_4^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
115328	1599	336	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{4}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{84}^6\ \Phi_{48}^3\ \Phi_{42}^6\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^6\ \Phi_{16}^3\ \Phi_{14}\ \Phi_{12}^3\ \Phi_7\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
115329	1599	680	$\frac{1}{17}$	$\frac{23}{170}$	$\frac{16}{85}$	$\frac{147}{680}$	$\Phi_{680}^3\ \Phi_{340}^3\ \Phi_{136}^3\ \Phi_{85}\ \Phi_{68}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_8^3\ \Phi_5\ \Phi_4^3\ \Phi_1$
115330	1599	47	$\frac{5}{47}$	$\frac{6}{47}$	$\frac{7}{47}$	$\frac{8}{47}$	$\Phi_{47}^{34}\ \Phi_1^{35}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
115331	1600	399	$\frac{1}{399}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{199}{399}$	$\Phi_{399}^{4}\ \Phi_{133}^{4}\ \Phi_{57}^{4}\ \Phi_{21}^{4}\ \Phi_{19}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
115332	1600	1599	$\frac{5}{1599}$	$\frac{401}{1599}$	$\frac{599}{1599}$	$\frac{797}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115333	1600	2552	$\frac{1}{319}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{159}{319}$	$\Phi_{2552}\ \Phi_{319}\ \Phi_{232}\ \Phi_{88}\ \Phi_{29}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
115334	1600	267	$\frac{1}{267}$	$\frac{67}{267}$	$\frac{1}{3}$	$\frac{133}{267}$	$\Phi_{267}^{6}\ \Phi_{89}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
115335	1600	1593	$\frac{7}{1593}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{793}{1593}$	$\Phi_{1593}\ \Phi_{531}\ \Phi_{177}\ \Phi_{59}\ \Phi_{27}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
115336	1600	1393	$\frac{1}{199}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{99}{199}$	$\Phi_{1393}\ \Phi_{199}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
115337	1600	2985	$\frac{1}{199}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{99}{199}$	$\Phi_{2985}\ \Phi_{15}^{2}$
115338	1600	533	$\frac{3}{533}$	$\frac{67}{533}$	$\frac{233}{533}$	$\frac{265}{533}$	$\Phi_{533}^{3}\ \Phi_{41}^{3}\ \Phi_{13}^{3}\ \Phi_{1}^{4}$
115339	1600	533	$\frac{3}{533}$	$\frac{133}{533}$	$\frac{134}{533}$	$\frac{265}{533}$	$\Phi_{533}^{3}\ \Phi_{41}^{3}\ \Phi_{13}^{3}\ \Phi_{1}^{4}$
115340	1600	477	$\frac{1}{159}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{79}{159}$	$\Phi_{477}^{3}\ \Phi_{159}^{4}\ \Phi_{53}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
115341	1600	318	$\frac{1}{159}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{79}{159}$	$\Phi_{318}^{6}\ \Phi_{159}^{4}\ \Phi_{106}^{6}\ \Phi_{53}^{4}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
115342	1600	1599	$\frac{11}{1599}$	$\frac{161}{1599}$	$\frac{719}{1599}$	$\frac{794}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115343	1600	2005	$\frac{3}{401}$	$\frac{1}{5}$	$\frac{101}{401}$	$\frac{199}{401}$	Φ_{2005}
115344	1600	369	$\frac{1}{123}$	$\frac{31}{369}$	$\frac{169}{369}$	$\frac{61}{123}$	$\Phi_{369}^{4}\ \Phi_{123}^{5}\ \Phi_{41}^{5}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
115345	1600	1107	$\frac{1}{123}$	$\frac{62}{369}$	$\frac{307}{1107}$	$\frac{61}{123}$	$\Phi_{1107}^{2}\ \Phi_{123}\ \Phi_{41}\ \Phi_{27}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
115346	1600	123	$\frac{1}{123}$	$\frac{23}{123}$	$\frac{31}{123}$	$\frac{61}{123}$	$\Phi_{123}^{13}\ \Phi_{41}^{13}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
115347	1600	801	$\frac{7}{801}$	$\frac{101}{801}$	$\frac{1}{3}$	$\frac{397}{801}$	$\Phi_{801}^{2}\ \Phi_{267}^{2}\ \Phi_{89}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
115348	1600	793	$\frac{7}{793}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{393}{793}$	$\Phi_{793}^{2}\ \Phi_{61}^{2}\ \Phi_{13}^{3}\ \Phi_{1}^{4}$
115349	1600	642	$\frac{1}{107}$	$\frac{1}{6}$	$\frac{27}{107}$	$\frac{53}{107}$	$\Phi_{642}^{3}\ \Phi_{321}^{3}\ \Phi_{214}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
115350	1600	495	$\frac{1}{99}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{49}{99}$	$\Phi_{495}^{3}\ \Phi_{165}^{3}\ \Phi_{99}^{4}\ \Phi_{55}^{3}\ \Phi_{45}^{3}\ \Phi_{33}^{4}\ \Phi_{15}^{4}\ \Phi_{11}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
115351	1600	99	$\frac{1}{99}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{49}{99}$	$\Phi_{99}^{16}\ \Phi_{33}^{16}\ \Phi_{11}^{16}\ \Phi_{9}^{18}\ \Phi_{3}^{17}\ \Phi_{1}^{18}$
115352	1600	495	$\frac{1}{99}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{49}{99}$	$\Phi_{495}^{3}\ \Phi_{165}^{3}\ \Phi_{99}^{4}\ \Phi_{55}^{3}\ \Phi_{45}^{3}\ \Phi_{33}^{4}\ \Phi_{15}^{3}\ \Phi_{11}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
115353	1600	1599	$\frac{17}{1599}$	$\frac{101}{1599}$	$\frac{749}{1599}$	$\frac{791}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115354	1600	1599	$\frac{17}{1599}$	$\frac{239}{1599}$	$\frac{404}{1599}$	$\frac{791}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115355	1600	267	$\frac{1}{89}$	$\frac{9}{89}$	$\frac{1}{3}$	$\frac{44}{89}$	$\Phi_{267}^{9}\ \Phi_{3}^{8}$
115356	1600	1501	$\frac{1}{79}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{39}{79}$	$\Phi_{1501}\ \Phi_{79}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
115357	1600	2607	$\frac{1}{79}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{39}{79}$	$\Phi_{2607}\ \Phi_{33}^{2}$
115358	1600	1501	$\frac{1}{79}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{39}{79}$	$\Phi_{1501}\ \Phi_{79}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
115359	1600	2370	$\frac{1}{79}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{39}{79}$	$\Phi_{2370}\ \Phi_{1185}\ \Phi_{790}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
115360	1600	533	$\frac{7}{533}$	$\frac{27}{533}$	$\frac{253}{533}$	$\frac{263}{533}$	$\Phi_{533}^{3}\ \Phi_{41}^{3}\ \Phi_{13}^{3}\ \Phi_{1}^{4}$
115361	1600	603	$\frac{1}{67}$	$\frac{1}{9}$	$\frac{17}{67}$	$\frac{33}{67}$	$\Phi_{603}^{3}\ \Phi_{201}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{2}$
115362	1600	1599	$\frac{25}{1599}$	$\frac{203}{1599}$	$\frac{349}{1599}$	$\frac{787}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115363	1600	1008	$\frac{1}{63}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{31}{63}$	$\Phi_{1008}^{3}\ \Phi_{336}^{3}\ \Phi_{144}^{3}\ \Phi_{112}^{3}\ \Phi_{63}\ \Phi_{48}^{4}\ \Phi_{21}\ \Phi_{16}^{4}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
115364	1600	189	$\frac{1}{63}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{31}{63}$	$\Phi_{189}^{9}\ \Phi_{63}^{7}\ \Phi_{27}^{10}\ \Phi_{21}^{7}\ \Phi_{9}^{8}\ \Phi_{7}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
115365	1600	252	$\frac{1}{63}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{31}{63}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{84}^{6}\ \Phi_{63}^{7}\ \Phi_{42}^{6}\ \Phi_{36}^{7}\ \Phi_{28}^{6}\ \Phi_{21}^{7}\ \Phi_{18}^{7}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{9}^{8}\ \Phi_{7}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
115366	1600	252	$\frac{1}{63}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{31}{63}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{84}^{6}\ \Phi_{63}^{7}\ \Phi_{42}^{6}\ \Phi_{36}^{6}\ \Phi_{28}^{7}\ \Phi_{21}^{7}\ \Phi_{18}^{6}\ \Phi_{14}^{7}\ \Phi_{12}^{6}\ \Phi_{9}^{7}\ \Phi_{7}^{8}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
115367	1600	2016	$\frac{1}{63}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{31}{63}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{63}\ \Phi_{48}\ \Phi_{32}^{2}\ \Phi_{21}\ \Phi_{16}^{2}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
115368	1600	126	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{31}{63}$	$\Phi_{126}^{12}\ \Phi_{63}^{13}\ \Phi_{42}^{12}\ \Phi_{21}^{13}\ \Phi_{18}^{12}\ \Phi_{14}^{12}\ \Phi_{9}^{13}\ \Phi_{7}^{13}\ \Phi_{6}^{16}\ \Phi_{3}^{17}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
115369	1600	2005	$\frac{7}{401}$	$\frac{51}{401}$	$\frac{1}{5}$	$\frac{197}{401}$	Φ_{2005}
115370	1600	1599	$\frac{29}{1599}$	$\frac{149}{1599}$	$\frac{407}{1599}$	$\frac{785}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115371	1600	1771	$\frac{3}{161}$	$\frac{1}{11}$	$\frac{41}{161}$	$\frac{79}{161}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{77}$
115372	1600	267	$\frac{5}{267}$	$\frac{17}{267}$	$\frac{1}{3}$	$\frac{131}{267}$	$\Phi_{267}^{6}\ \Phi_{89}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
115373	1600	1599	$\frac{31}{1599}$	$\frac{163}{1599}$	$\frac{359}{1599}$	$\frac{784}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115374	1600	1519	$\frac{1}{49}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{24}{49}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}^{2}\ \Phi_{31}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
115375	1600	2499	$\frac{1}{49}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{2499}\ \Phi_{357}\ \Phi_{51}^{2}$
115376	1600	1519	$\frac{1}{49}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{24}{49}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}^{2}\ \Phi_{31}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
115377	1600	2205	$\frac{1}{49}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{24}{49}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{315}\ \Phi_{105}\ \Phi_{45}^{2}\ \Phi_{15}^{2}$
115378	1600	533	$\frac{11}{533}$	$\frac{17}{533}$	$\frac{258}{533}$	$\frac{261}{533}$	$\Phi_{533}^{3}\ \Phi_{41}^{3}\ \Phi_{13}^{3}\ \Phi_{1}^{4}$
115379	1600	533	$\frac{11}{533}$	$\frac{68}{533}$	$\frac{93}{533}$	$\frac{261}{533}$	$\Phi_{533}^{3}\ \Phi_{41}^{3}\ \Phi_{13}^{3}\ \Phi_{1}^{4}$
115380	1600	642	$\frac{7}{321}$	$\frac{41}{321}$	$\frac{1}{6}$	$\frac{157}{321}$	$\Phi_{642}^{3}\ \Phi_{321}^{2}\ \Phi_{214}^{3}\ \Phi_{107}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
115381	1600	2005	$\frac{9}{401}$	$\frac{41}{401}$	$\frac{1}{5}$	$\frac{196}{401}$	Φ_{2005}
115382	1600	1599	$\frac{37}{1599}$	$\frac{119}{1599}$	$\frac{409}{1599}$	$\frac{781}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115383	1600	801	$\frac{19}{801}$	$\frac{41}{801}$	$\frac{1}{3}$	$\frac{391}{801}$	$\Phi_{801}^{2}\ \Phi_{267}^{2}\ \Phi_{89}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
115384	1600	779	$\frac{1}{41}$	$\frac{21}{779}$	$\frac{379}{779}$	$\frac{20}{41}$	$\Phi_{779}^{2}\ \Phi_{41}^{3}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
115385	1600	39	$\frac{1}{39}$	$\frac{1}{39}$	$\frac{19}{39}$	$\frac{19}{39}$	$\Phi_{39}^{41}\ \Phi_{13}^{41}\ \Phi_{3}^{41}\ \Phi_{1}^{42}$
115386	1600	273	$\frac{1}{39}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{273}^{6}\ \Phi_{91}^{6}\ \Phi_{39}^{4}\ \Phi_{21}^{8}\ \Phi_{13}^{4}\ \Phi_{7}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
115387	1600	117	$\frac{1}{39}$	$\frac{2}{39}$	$\frac{37}{117}$	$\frac{19}{39}$	$\Phi_{117}^{20}\ \Phi_{39}\ \Phi_{13}\ \Phi_{9}^{20}\ \Phi_{3}\ \Phi_{1}^{2}$
115388	1600	429	$\frac{1}{39}$	$\frac{29}{429}$	$\frac{10}{39}$	$\frac{19}{39}$	$\Phi_{429}^{4}\ \Phi_{143}^{4}\ \Phi_{39}\ \Phi_{33}^{4}\ \Phi_{13}\ \Phi_{11}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
115389	1600	39	$\frac{1}{39}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{19}{39}$	$\Phi_{39}^{40}\ \Phi_{13}^{43}\ \Phi_{3}^{40}\ \Phi_{1}^{44}$
115390	1600	2145	$\frac{1}{39}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{19}{39}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{165}\ \Phi_{55}^{2}$
115391	1600	39	$\frac{1}{39}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{19}{39}$	$\Phi_{39}^{41}\ \Phi_{13}^{41}\ \Phi_{3}^{41}\ \Phi_{1}^{42}$
115392	1600	234	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{19}{39}$	$\Phi_{234}^{9}\ \Phi_{117}^{6}\ \Phi_{78}^{6}\ \Phi_{39}^{4}\ \Phi_{26}^{6}\ \Phi_{18}^{12}\ \Phi_{13}^{4}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
115393	1600	117	$\frac{1}{39}$	$\frac{5}{39}$	$\frac{17}{117}$	$\frac{19}{39}$	$\Phi_{117}^{16}\ \Phi_{39}^{9}\ \Phi_{13}^{9}\ \Phi_{9}^{16}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
115394	1600	642	$\frac{3}{107}$	$\frac{11}{107}$	$\frac{1}{6}$	$\frac{52}{107}$	$\Phi_{642}^{3}\ \Phi_{321}^{3}\ \Phi_{214}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
115395	1600	1717	$\frac{3}{101}$	$\frac{1}{17}$	$\frac{26}{101}$	$\frac{49}{101}$	Φ_{1717}
115396	1600	1599	$\frac{49}{1599}$	$\frac{103}{1599}$	$\frac{374}{1599}$	$\frac{775}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115397	1600	2418	$\frac{1}{31}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{2418}\ \Phi_{1209}\ \Phi_{186}\ \Phi_{78}^{2}\ \Phi_{39}^{2}\ \Phi_{6}^{2}$
115398	1600	1519	$\frac{1}{31}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{15}{31}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}^{2}\ \Phi_{31}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
115399	1600	2046	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{15}{31}$	$\Phi_{2046}\ \Phi_{1023}\ \Phi_{682}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{2}$
115400	1600	868	$\frac{1}{31}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{15}{31}$	$\Phi_{868}^{2}\ \Phi_{434}^{2}\ \Phi_{217}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{28}^{4}\ \Phi_{14}^{4}\ \Phi_{7}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
115401	1600	603	$\frac{7}{201}$	$\frac{1}{9}$	$\frac{26}{201}$	$\frac{97}{201}$	$\Phi_{603}^{3}\ \Phi_{201}^{2}\ \Phi_{67}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
115402	1600	533	$\frac{19}{533}$	$\frac{58}{533}$	$\frac{69}{533}$	$\frac{257}{533}$	$\Phi_{533}^{3}\ \Phi_{41}^{3}\ \Phi_{13}^{3}\ \Phi_{1}^{4}$
115403	1600	189	$\frac{1}{27}$	$\frac{1}{21}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{189}^{9}\ \Phi_{63}^{9}\ \Phi_{27}^{6}\ \Phi_{21}^{8}\ \Phi_{9}^{6}\ \Phi_{7}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
115404	1600	2005	$\frac{15}{401}$	$\frac{26}{401}$	$\frac{1}{5}$	$\frac{193}{401}$	Φ_{2005}
115405	1600	1599	$\frac{61}{1599}$	$\frac{74}{1599}$	$\frac{415}{1599}$	$\frac{769}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115406	1600	1599	$\frac{61}{1599}$	$\frac{83}{1599}$	$\frac{379}{1599}$	$\frac{769}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115407	1600	801	$\frac{26}{801}$	$\frac{31}{801}$	$\frac{1}{3}$	$\frac{385}{801}$	$\Phi_{801}^{2}\ \Phi_{267}^{2}\ \Phi_{89}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
115408	1600	77	$\frac{3}{77}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{37}{77}$	$\Phi_{77}^{21}\ \Phi_{11}^{20}\ \Phi_{7}^{20}\ \Phi_{1}^{20}$
115409	1600	123	$\frac{5}{123}$	$\frac{8}{123}$	$\frac{23}{123}$	$\frac{59}{123}$	$\Phi_{123}^{13}\ \Phi_{41}^{13}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
115410	1600	528	$\frac{1}{33}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{528}^{6}\ \Phi_{176}^{6}\ \Phi_{48}^{4}\ \Phi_{33}^{2}\ \Phi_{16}^{4}\ \Phi_{11}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
115411	1600	336	$\frac{1}{24}$	$\frac{1}{21}$	$\frac{5}{21}$	$\frac{23}{48}$	$\Phi_{336}^{9}\ \Phi_{112}^{9}\ \Phi_{48}^{10}\ \Phi_{21}^{3}\ \Phi_{16}^{10}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
115412	1600	4080	$\frac{1}{24}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{4080}\ \Phi_{1360}\ \Phi_{85}$
115413	1600	1680	$\frac{1}{24}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{23}{48}$	$\Phi_{1680}^{2}\ \Phi_{560}^{2}\ \Phi_{336}\ \Phi_{240}^{2}\ \Phi_{112}\ \Phi_{80}^{2}\ \Phi_{48}^{2}\ \Phi_{35}^{2}\ \Phi_{16}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
115414	1600	144	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{23}{48}$	$\Phi_{144}^{21}\ \Phi_{48}^{22}\ \Phi_{16}^{22}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
115415	1600	253	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{3}{23}$	$\frac{11}{23}$	$\Phi_{253}^{7}\ \Phi_{11}^{6}$
115416	1600	1599	$\frac{71}{1599}$	$\frac{167}{1599}$	$\frac{179}{1599}$	$\frac{764}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115417	1600	603	$\frac{3}{67}$	$\frac{7}{67}$	$\frac{1}{9}$	$\frac{32}{67}$	$\Phi_{603}^{3}\ \Phi_{201}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{2}$
115418	1600	1599	$\frac{73}{1599}$	$\frac{139}{1599}$	$\frac{209}{1599}$	$\frac{763}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115419	1600	130	$\frac{1}{26}$	$\frac{3}{65}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{130}^{13}\ \Phi_{65}^{12}\ \Phi_{26}^{12}\ \Phi_{13}^{11}\ \Phi_{10}^{13}\ \Phi_{5}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
115420	1600	642	$\frac{5}{107}$	$\frac{7}{107}$	$\frac{1}{6}$	$\frac{51}{107}$	$\Phi_{642}^{3}\ \Phi_{321}^{3}\ \Phi_{214}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
115421	1600	2005	$\frac{19}{401}$	$\frac{21}{401}$	$\frac{1}{5}$	$\frac{191}{401}$	Φ_{2005}
115422	1600	1599	$\frac{59}{1599}$	$\frac{77}{1599}$	$\frac{419}{1599}$	$\frac{761}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115423	1600	267	$\frac{7}{267}$	$\frac{13}{267}$	$\frac{1}{3}$	$\frac{127}{267}$	$\Phi_{267}^{6}\ \Phi_{89}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
115424	1600	533	$\frac{27}{533}$	$\frac{28}{533}$	$\frac{101}{533}$	$\frac{253}{533}$	$\Phi_{533}^{3}\ \Phi_{41}^{3}\ \Phi_{13}^{3}\ \Phi_{1}^{4}$
115425	1600	1521	$\frac{1}{39}$	$\frac{79}{1521}$	$\frac{38}{117}$	$\frac{721}{1521}$	$\Phi_{1521}\ \Phi_{507}\ \Phi_{169}\ \Phi_{117}^{2}\ \Phi_{39}\ \Phi_{13}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
115426	1600	2337	$\frac{1}{41}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{2337}\ \Phi_{123}^{2}$
115427	1600	1501	$\frac{3}{79}$	$\frac{1}{19}$	$\frac{19}{79}$	$\frac{9}{19}$	$\Phi_{1501}\ \Phi_{79}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
115428	1600	1995	$\frac{1}{21}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{285}\ \Phi_{105}^{2}\ \Phi_{35}^{2}\ \Phi_{15}^{2}$
115429	1600	1501	$\frac{4}{79}$	$\frac{1}{19}$	$\frac{15}{79}$	$\frac{9}{19}$	$\Phi_{1501}\ \Phi_{79}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
115430	1600	1938	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{1938}\ \Phi_{969}\ \Phi_{646}\ \Phi_{102}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{2}$
115431	1600	1501	$\frac{1}{19}$	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{9}{19}$	$\Phi_{1501}\ \Phi_{79}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
115432	1600	1881	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{9}{19}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{99}^{2}\ \Phi_{33}^{2}$
115433	1600	1771	$\frac{9}{161}$	$\frac{1}{11}$	$\frac{17}{161}$	$\frac{76}{161}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{77}$
115434	1600	123	$\frac{7}{123}$	$\frac{11}{123}$	$\frac{13}{123}$	$\frac{58}{123}$	$\Phi_{123}^{13}\ \Phi_{41}^{13}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
115435	1600	1122	$\frac{1}{33}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{1122}^{2}\ \Phi_{561}\ \Phi_{374}^{2}\ \Phi_{187}\ \Phi_{102}^{2}\ \Phi_{66}^{2}\ \Phi_{51}\ \Phi_{22}^{2}\ \Phi_{6}^{2}$
115436	1600	642	$\frac{17}{321}$	$\frac{19}{321}$	$\frac{1}{6}$	$\frac{151}{321}$	$\Phi_{642}^{3}\ \Phi_{321}^{2}\ \Phi_{214}^{3}\ \Phi_{107}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
115437	1600	1599	$\frac{47}{1599}$	$\frac{97}{1599}$	$\frac{424}{1599}$	$\frac{751}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115438	1600	801	$\frac{17}{801}$	$\frac{49}{801}$	$\frac{1}{3}$	$\frac{376}{801}$	$\Phi_{801}^{2}\ \Phi_{267}^{2}\ \Phi_{89}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
115439	1600	255	$\frac{1}{51}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{255}^{6}\ \Phi_{85}^{6}\ \Phi_{51}^{8}\ \Phi_{17}^{8}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
115440	1600	165	$\frac{1}{33}$	$\frac{1}{15}$	$\frac{8}{33}$	$\frac{7}{15}$	$\Phi_{165}^{9}\ \Phi_{55}^{9}\ \Phi_{33}^{12}\ \Phi_{15}^{10}\ \Phi_{11}^{12}\ \Phi_{5}^{10}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
115441	1600	390	$\frac{1}{26}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{390}^{4}\ \Phi_{195}^{4}\ \Phi_{130}^{5}\ \Phi_{78}^{4}\ \Phi_{65}^{5}\ \Phi_{39}^{4}\ \Phi_{30}^{4}\ \Phi_{26}^{4}\ \Phi_{13}^{4}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{2}^{4}$
115442	1600	495	$\frac{4}{99}$	$\frac{1}{15}$	$\frac{19}{99}$	$\frac{7}{15}$	$\Phi_{495}^{3}\ \Phi_{165}^{3}\ \Phi_{99}^{4}\ \Phi_{55}^{3}\ \Phi_{45}^{3}\ \Phi_{33}^{4}\ \Phi_{15}^{4}\ \Phi_{11}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
115443	1600	210	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{210}^{9}\ \Phi_{105}^{6}\ \Phi_{70}^{9}\ \Phi_{42}^{12}\ \Phi_{35}^{6}\ \Phi_{30}^{6}\ \Phi_{21}^{8}\ \Phi_{15}^{4}\ \Phi_{14}^{12}\ \Phi_{10}^{6}\ \Phi_{7}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
115444	1600	135	$\frac{1}{15}$	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{7}{15}$	$\Phi_{135}^{12}\ \Phi_{45}^{9}\ \Phi_{27}^{16}\ \Phi_{15}^{10}\ \Phi_{9}^{12}\ \Phi_{5}^{10}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
115445	1600	165	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{7}{15}$	$\Phi_{165}^{9}\ \Phi_{55}^{9}\ \Phi_{33}^{9}\ \Phi_{15}^{10}\ \Phi_{11}^{18}\ \Phi_{5}^{10}\ \Phi_{3}^{10}\ \Phi_{1}^{20}$
115446	1600	273	$\frac{1}{39}$	$\frac{19}{273}$	$\frac{73}{273}$	$\frac{127}{273}$	$\Phi_{273}^{6}\ \Phi_{91}^{6}\ \Phi_{39}^{5}\ \Phi_{21}^{6}\ \Phi_{13}^{5}\ \Phi_{7}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
115447	1600	41	$\frac{1}{41}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{41}^{39}\ \Phi_{1}^{40}$
115448	1600	1599	$\frac{43}{1599}$	$\frac{121}{1599}$	$\frac{389}{1599}$	$\frac{739}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115449	1600	78	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{78}^{26}\ \Phi_{39}^{24}\ \Phi_{26}^{12}\ \Phi_{13}^{11}\ \Phi_{6}^{26}\ \Phi_{3}^{24}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
115450	1600	533	$\frac{18}{533}$	$\frac{43}{533}$	$\frac{103}{533}$	$\frac{245}{533}$	$\Phi_{533}^{3}\ \Phi_{41}^{3}\ \Phi_{13}^{3}\ \Phi_{1}^{4}$
115451	1600	369	$\frac{1}{41}$	$\frac{31}{369}$	$\frac{10}{41}$	$\frac{169}{369}$	$\Phi_{369}^{4}\ \Phi_{123}^{4}\ \Phi_{41}^{7}\ \Phi_{9}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
115452	1600	567	$\frac{1}{21}$	$\frac{7}{81}$	$\frac{11}{81}$	$\frac{37}{81}$	$\Phi_{567}^{3}\ \Phi_{189}^{3}\ \Phi_{81}^{2}\ \Phi_{63}^{3}\ \Phi_{27}^{2}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
115453	1600	533	$\frac{29}{533}$	$\frac{47}{533}$	$\frac{63}{533}$	$\frac{243}{533}$	$\Phi_{533}^{3}\ \Phi_{41}^{3}\ \Phi_{13}^{3}\ \Phi_{1}^{4}$
115454	1600	1717	$\frac{1}{17}$	$\frac{9}{101}$	$\frac{11}{101}$	$\frac{46}{101}$	Φ_{1717}
115455	1600	1599	$\frac{109}{1599}$	$\frac{145}{1599}$	$\frac{149}{1599}$	$\frac{727}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115456	1600	561	$\frac{1}{51}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{561}^{3}\ \Phi_{187}^{3}\ \Phi_{51}^{2}\ \Phi_{33}^{3}\ \Phi_{17}^{2}\ \Phi_{3}^{2}$
115457	1600	1771	$\frac{11}{161}$	$\frac{1}{11}$	$\frac{15}{161}$	$\frac{73}{161}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{77}$
115458	1600	1599	$\frac{35}{1599}$	$\frac{151}{1599}$	$\frac{391}{1599}$	$\frac{724}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115459	1600	1599	$\frac{89}{1599}$	$\frac{151}{1599}$	$\frac{175}{1599}$	$\frac{724}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115460	1600	603	$\frac{11}{201}$	$\frac{19}{201}$	$\frac{1}{9}$	$\frac{91}{201}$	$\Phi_{603}^{3}\ \Phi_{201}^{2}\ \Phi_{67}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
115461	1600	533	$\frac{23}{533}$	$\frac{51}{533}$	$\frac{73}{533}$	$\frac{241}{533}$	$\Phi_{533}^{3}\ \Phi_{41}^{3}\ \Phi_{13}^{3}\ \Phi_{1}^{4}$
115462	1600	642	$\frac{11}{321}$	$\frac{31}{321}$	$\frac{1}{6}$	$\frac{145}{321}$	$\Phi_{642}^{3}\ \Phi_{321}^{2}\ \Phi_{214}^{3}\ \Phi_{107}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
115463	1600	2005	$\frac{11}{401}$	$\frac{39}{401}$	$\frac{1}{5}$	$\frac{181}{401}$	Φ_{2005}
115464	1600	1599	$\frac{29}{1599}$	$\frac{157}{1599}$	$\frac{439}{1599}$	$\frac{721}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115465	1600	801	$\frac{11}{801}$	$\frac{79}{801}$	$\frac{1}{3}$	$\frac{361}{801}$	$\Phi_{801}^{2}\ \Phi_{267}^{2}\ \Phi_{89}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
115466	1600	1599	$\frac{44}{1599}$	$\frac{161}{1599}$	$\frac{311}{1599}$	$\frac{719}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115467	1600	130	$\frac{1}{26}$	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{29}{65}$	$\Phi_{130}^{13}\ \Phi_{65}^{12}\ \Phi_{26}^{12}\ \Phi_{13}^{11}\ \Phi_{10}^{13}\ \Phi_{5}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
115468	1600	81	$\frac{1}{81}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{81}^{20}\ \Phi_{27}^{20}\ \Phi_{9}^{18}\ \Phi_{3}^{17}\ \Phi_{1}^{18}$
115469	1600	477	$\frac{1}{53}$	$\frac{1}{9}$	$\frac{13}{53}$	$\frac{4}{9}$	$\Phi_{477}^{3}\ \Phi_{159}^{3}\ \Phi_{53}^{6}\ \Phi_{9}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
115470	1600	1845	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{205}^{2}$
115471	1600	477	$\frac{4}{159}$	$\frac{1}{9}$	$\frac{31}{159}$	$\frac{4}{9}$	$\Phi_{477}^{3}\ \Phi_{159}^{4}\ \Phi_{53}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
115472	1600	198	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{198}^{9}\ \Phi_{99}^{6}\ \Phi_{66}^{12}\ \Phi_{33}^{8}\ \Phi_{22}^{12}\ \Phi_{18}^{6}\ \Phi_{11}^{8}\ \Phi_{9}^{4}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
115473	1600	477	$\frac{7}{159}$	$\frac{1}{9}$	$\frac{19}{159}$	$\frac{4}{9}$	$\Phi_{477}^{3}\ \Phi_{159}^{4}\ \Phi_{53}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
115474	1600	63	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{63}^{27}\ \Phi_{21}^{26}\ \Phi_{9}^{18}\ \Phi_{7}^{26}\ \Phi_{3}^{17}\ \Phi_{1}^{18}$
115475	1600	477	$\frac{3}{53}$	$\frac{5}{53}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{477}^{3}\ \Phi_{159}^{3}\ \Phi_{53}^{6}\ \Phi_{9}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
115476	1600	1683	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}^{2}$
115477	1600	1599	$\frac{89}{1599}$	$\frac{151}{1599}$	$\frac{181}{1599}$	$\frac{709}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115478	1600	287	$\frac{1}{41}$	$\frac{33}{287}$	$\frac{8}{41}$	$\frac{127}{287}$	$\Phi_{287}^{5}\ \Phi_{41}^{9}\ \Phi_{7}^{5}\ \Phi_{1}^{10}$
115479	1600	1771	$\frac{9}{161}$	$\frac{1}{11}$	$\frac{19}{161}$	$\frac{71}{161}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{77}$
115480	1600	1599	$\frac{71}{1599}$	$\frac{179}{1599}$	$\frac{191}{1599}$	$\frac{704}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115481	1600	1599	$\frac{55}{1599}$	$\frac{193}{1599}$	$\frac{224}{1599}$	$\frac{703}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115482	1600	642	$\frac{3}{107}$	$\frac{13}{107}$	$\frac{1}{6}$	$\frac{47}{107}$	$\Phi_{642}^{3}\ \Phi_{321}^{3}\ \Phi_{214}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
115483	1600	123	$\frac{1}{41}$	$\frac{5}{41}$	$\frac{23}{123}$	$\frac{18}{41}$	$\Phi_{123}^{16}\ \Phi_{41}^{7}\ \Phi_{3}^{16}\ \Phi_{1}^{8}$
115484	1600	2005	$\frac{9}{401}$	$\frac{49}{401}$	$\frac{1}{5}$	$\frac{176}{401}$	Φ_{2005}
115485	1600	1599	$\frac{23}{1599}$	$\frac{197}{1599}$	$\frac{449}{1599}$	$\frac{701}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
115486	1600	267	$\frac{1}{89}$	$\frac{11}{89}$	$\frac{1}{3}$	$\frac{39}{89}$	$\Phi_{267}^{9}\ \Phi_{3}^{8}$
115487	1600	351	$\frac{1}{39}$	$\frac{49}{351}$	$\frac{19}{117}$	$\frac{151}{351}$	$\Phi_{351}^{4}\ \Phi_{117}^{6}\ \Phi_{39}^{5}\ \Phi_{27}^{4}\ \Phi_{13}^{5}\ \Phi_{9}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
115488	1600	2121	$\frac{1}{101}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{2121}\ \Phi_{303}^{2}$
115489	1600	567	$\frac{1}{81}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{567}^{3}\ \Phi_{189}^{3}\ \Phi_{81}^{2}\ \Phi_{63}^{3}\ \Phi_{27}^{2}\ \Phi_{21}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{2}$
115490	1600	1393	$\frac{3}{199}$	$\frac{1}{7}$	$\frac{49}{199}$	$\frac{3}{7}$	$\Phi_{1393}\ \Phi_{199}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
115491	1600	1785	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{255}^{2}\ \Phi_{105}\ \Phi_{85}^{2}\ \Phi_{15}^{2}$
115492	1600	1393	$\frac{4}{199}$	$\frac{1}{7}$	$\frac{39}{199}$	$\frac{3}{7}$	$\Phi_{1393}\ \Phi_{199}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
115493	1600	1722	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{1722}\ \Phi_{861}\ \Phi_{574}\ \Phi_{246}^{2}\ \Phi_{123}^{2}\ \Phi_{82}^{2}$
115494	1600	1393	$\frac{7}{199}$	$\frac{24}{199}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1393}\ \Phi_{199}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
115495	1600	1638	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{234}^{2}\ \Phi_{126}\ \Phi_{117}^{2}\ \Phi_{78}^{2}\ \Phi_{42}\ \Phi_{39}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}$
115496	1600	1393	$\frac{9}{199}$	$\frac{19}{199}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1393}\ \Phi_{199}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
115497	1600	231	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{231}^{8}\ \Phi_{77}^{7}\ \Phi_{33}^{8}\ \Phi_{11}^{6}$
115498	1600	1599	$\frac{23}{1599}$	$\frac{241}{1599}$	$\frac{394}{1599}$	$\frac{679}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115499	1600	759	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{11}{69}$	$\frac{29}{69}$	$\Phi_{759}^{2}\ \Phi_{253}^{3}\ \Phi_{33}^{2}\ \Phi_{11}^{2}$
115500	1600	1599	$\frac{29}{1599}$	$\frac{257}{1599}$	$\frac{314}{1599}$	$\frac{671}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115501	1600	117	$\frac{1}{39}$	$\frac{17}{117}$	$\frac{19}{117}$	$\frac{49}{117}$	$\Phi_{117}^{14}\ \Phi_{39}^{13}\ \Phi_{13}^{13}\ \Phi_{9}^{14}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
115502	1600	41	$\frac{1}{41}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{41}^{39}\ \Phi_{1}^{40}$
115503	1600	273	$\frac{1}{39}$	$\frac{38}{273}$	$\frac{47}{273}$	$\frac{113}{273}$	$\Phi_{273}^{6}\ \Phi_{91}^{6}\ \Phi_{39}^{5}\ \Phi_{21}^{6}\ \Phi_{13}^{5}\ \Phi_{7}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
115504	1600	1599	$\frac{47}{1599}$	$\frac{194}{1599}$	$\frac{281}{1599}$	$\frac{659}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115505	1600	1717	$\frac{1}{101}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	Φ_{1717}
115506	1600	561	$\frac{1}{33}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{561}^{3}\ \Phi_{187}^{3}\ \Phi_{51}^{3}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{2}$
115507	1600	1599	$\frac{59}{1599}$	$\frac{154}{1599}$	$\frac{289}{1599}$	$\frac{655}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115508	1600	189	$\frac{1}{21}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{189}^{9}\ \Phi_{63}^{9}\ \Phi_{27}^{6}\ \Phi_{21}^{8}\ \Phi_{9}^{6}\ \Phi_{7}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
115509	1600	1717	$\frac{1}{17}$	$\frac{6}{101}$	$\frac{19}{101}$	$\frac{41}{101}$	Φ_{1717}
115510	1600	1599	$\frac{19}{1599}$	$\frac{301}{1599}$	$\frac{395}{1599}$	$\frac{649}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115511	1600	1599	$\frac{94}{1599}$	$\frac{95}{1599}$	$\frac{301}{1599}$	$\frac{649}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115512	1600	1599	$\frac{74}{1599}$	$\frac{119}{1599}$	$\frac{305}{1599}$	$\frac{647}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115513	1600	1771	$\frac{6}{161}$	$\frac{1}{11}$	$\frac{31}{161}$	$\frac{65}{161}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{77}$
115514	1600	603	$\frac{2}{67}$	$\frac{1}{9}$	$\frac{13}{67}$	$\frac{27}{67}$	$\Phi_{603}^{3}\ \Phi_{201}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{2}$
115515	1600	1599	$\frac{44}{1599}$	$\frac{191}{1599}$	$\frac{311}{1599}$	$\frac{644}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115516	1600	1599	$\frac{34}{1599}$	$\frac{239}{1599}$	$\frac{313}{1599}$	$\frac{643}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115517	1600	642	$\frac{2}{107}$	$\frac{1}{6}$	$\frac{21}{107}$	$\frac{43}{107}$	$\Phi_{642}^{3}\ \Phi_{321}^{3}\ \Phi_{214}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
115518	1600	2005	$\frac{6}{401}$	$\frac{79}{401}$	$\frac{1}{5}$	$\frac{161}{401}$	Φ_{2005}
115519	1600	1599	$\frac{14}{1599}$	$\frac{317}{1599}$	$\frac{479}{1599}$	$\frac{641}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115520	1600	267	$\frac{2}{267}$	$\frac{53}{267}$	$\frac{1}{3}$	$\frac{107}{267}$	$\Phi_{267}^{6}\ \Phi_{89}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
115521	1600	910	$\frac{1}{26}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{910}^{2}\ \Phi_{455}^{2}\ \Phi_{182}^{2}\ \Phi_{130}\ \Phi_{91}^{2}\ \Phi_{70}^{2}\ \Phi_{65}\ \Phi_{14}^{2}\ \Phi_{10}$
115522	1600	533	$\frac{8}{533}$	$\frac{105}{533}$	$\frac{107}{533}$	$\frac{213}{533}$	$\Phi_{533}^{3}\ \Phi_{41}^{3}\ \Phi_{13}^{3}\ \Phi_{1}^{4}$
115523	1600	561	$\frac{1}{51}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{561}^{3}\ \Phi_{187}^{3}\ \Phi_{51}^{2}\ \Phi_{33}^{2}\ \Phi_{17}^{2}\ \Phi_{11}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
115524	1600	41	$\frac{1}{41}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{41}^{39}\ \Phi_{1}^{40}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
115525	1600	1599	$\frac{49}{1599}$	$\frac{155}{1599}$	$\frac{361}{1599}$	$\frac{619}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
115526	1600	26	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{26}^{64}\ \Phi_{13}^{59}\ \Phi_2^{64}\ \Phi_1^{60}$
115527	1600	567	$\frac{1}{21}$	$\frac{5}{81}$	$\frac{19}{81}$	$\frac{31}{81}$	$\Phi_{567}^3\ \Phi_{189}^3\ \Phi_{81}^2\ \Phi_{63}^3\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
115528	1600	533	$\frac{25}{533}$	$\frac{33}{533}$	$\frac{127}{533}$	$\frac{203}{533}$	$\Phi_{533}^3\ \Phi_{41}^3\ \Phi_{13}^3\ \Phi_1^4$
115529	1600	1599	$\frac{59}{1599}$	$\frac{124}{1599}$	$\frac{385}{1599}$	$\frac{607}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
115530	1600	1771	$\frac{5}{161}$	$\frac{1}{11}$	$\frac{39}{161}$	$\frac{61}{161}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{77}$
115531	1600	603	$\frac{5}{201}$	$\frac{1}{9}$	$\frac{49}{201}$	$\frac{76}{201}$	$\Phi_{603}^3\ \Phi_{201}^2\ \Phi_{67}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
115532	1600	1599	$\frac{35}{1599}$	$\frac{199}{1599}$	$\frac{391}{1599}$	$\frac{604}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
115533	1600	533	$\frac{9}{533}$	$\frac{83}{533}$	$\frac{131}{533}$	$\frac{201}{533}$	$\Phi_{533}^3\ \Phi_{41}^3\ \Phi_{13}^3\ \Phi_1^4$
115534	1600	642	$\frac{5}{321}$	$\frac{1}{6}$	$\frac{79}{321}$	$\frac{121}{321}$	$\Phi_{642}^3\ \Phi_{321}^2\ \Phi_{214}^3\ \Phi_{107}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
115535	1600	2005	$\frac{5}{401}$	$\frac{1}{5}$	$\frac{99}{401}$	$\frac{151}{401}$	Φ_{2005}
115536	1600	1599	$\frac{11}{1599}$	$\frac{397}{1599}$	$\frac{499}{1599}$	$\frac{601}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
115537	1600	801	$\frac{5}{801}$	$\frac{199}{801}$	$\frac{1}{3}$	$\frac{301}{801}$	$\Phi_{801}^2\ \Phi_{267}^2\ \Phi_{89}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
115538	1600	3864	$\frac{1}{161}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{3864}\ \Phi_{552}\ \Phi_{483}\ \Phi_{168}\ \Phi_{69}\ \Phi_{21}$
115539	1600	2552	$\frac{3}{319}$	$\frac{79}{319}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2552}\ \Phi_{319}\ \Phi_{232}\ \Phi_{88}\ \Phi_{29}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
115540	1600	3240	$\frac{1}{81}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{405}\ \Phi_{360}\ \Phi_{135}\ \Phi_{120}\ \Phi_{45}\ \Phi_{15}$
115541	1600	2552	$\frac{4}{319}$	$\frac{63}{319}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2552}\ \Phi_{319}\ \Phi_{232}\ \Phi_{88}\ \Phi_{29}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
115542	1600	1560	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1560}^2\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}^2\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}^2\ \Phi_{104}\ \Phi_{78}\ \Phi_{40}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{10}$
115543	1600	2552	$\frac{7}{319}$	$\frac{39}{319}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2552}\ \Phi_{319}\ \Phi_{232}\ \Phi_{88}\ \Phi_{29}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
115544	1600	2952	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{369}\ \Phi_{123}$
115545	1600	2552	$\frac{9}{319}$	$\frac{31}{319}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2552}\ \Phi_{319}\ \Phi_{232}\ \Phi_{88}\ \Phi_{29}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
115546	1600	264	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^{10}\ \Phi_{88}^9\ \Phi_{33}^{10}\ \Phi_{24}^{10}\ \Phi_{11}^9\ \Phi_8^{10}\ \Phi_3^{10}\ \Phi_1^{10}$
115547	1600	696	$\frac{1}{29}$	$\frac{7}{87}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{696}^4\ \Phi_{232}^3\ \Phi_{87}^4\ \Phi_{29}^3\ \Phi_{24}^4\ \Phi_8^4\ \Phi_3^4\ \Phi_1^4$
115548	1600	2552	$\frac{15}{319}$	$\frac{19}{319}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2552}\ \Phi_{319}\ \Phi_{232}\ \Phi_{88}\ \Phi_{29}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
115549	1600	2856	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{357}\ \Phi_{119}\ \Phi_{51}$
115550	1600	123	$\frac{1}{41}$	$\frac{4}{41}$	$\frac{37}{123}$	$\frac{43}{123}$	$\Phi_{123}^{10}\ \Phi_{41}^{19}\ \Phi_3^{10}\ \Phi_1^{20}$
115551	1600	1209	$\frac{12}{403}$	$\frac{1}{13}$	$\frac{391}{1209}$	$\frac{409}{1209}$	$\Phi_{1209}\ \Phi_{403}^2\ \Phi_{93}\ \Phi_{39}\ \Phi_{31}^2\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
115552	1600	201	$\frac{1}{201}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{201}^8\ \Phi_{67}^8\ \Phi_3^5\ \Phi_1^6$
115553	1600	1197	$\frac{2}{399}$	$\frac{397}{1197}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1197}^2\ \Phi_{171}^2\ \Phi_{63}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
115554	1600	399	$\frac{1}{133}$	$\frac{33}{133}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{399}^3\ \Phi_{133}^6\ \Phi_{57}^3\ \Phi_{21}^3\ \Phi_{19}^6\ \Phi_7^6\ \Phi_3^4\ \Phi_1^8$
115555	1600	1515	$\frac{1}{101}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1515}\ \Phi_{505}^2$
115556	1600	399	$\frac{4}{399}$	$\frac{79}{399}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{399}^4\ \Phi_{133}^4\ \Phi_{57}^4\ \Phi_{21}^4\ \Phi_{19}^4\ \Phi_7^4\ \Phi_3^5\ \Phi_1^6$
115557	1600	162	$\frac{1}{81}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{162}^{12}\ \Phi_{81}^8\ \Phi_{54}^{12}\ \Phi_{27}^8\ \Phi_{18}^{12}\ \Phi_9^8\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
115558	1600	609	$\frac{3}{203}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{609}^2\ \Phi_{203}^4\ \Phi_{87}^2\ \Phi_{29}^4\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
115559	1600	57	$\frac{1}{57}$	$\frac{7}{57}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{57}^{28}\ \Phi_{19}^{28}\ \Phi_3^{29}\ \Phi_1^{30}$
115560	1600	153	$\frac{1}{51}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{153}^{12}\ \Phi_{51}^8\ \Phi_{17}^8\ \Phi_9^8\ \Phi_3^5\ \Phi_1^6$
115561	1600	399	$\frac{3}{133}$	$\frac{13}{133}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{399}^3\ \Phi_{133}^6\ \Phi_{57}^3\ \Phi_{21}^3\ \Phi_{19}^6\ \Phi_7^6\ \Phi_3^4\ \Phi_1^8$
115562	1600	819	$\frac{19}{819}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{819}^2\ \Phi_{273}^2\ \Phi_{117}^2\ \Phi_{91}^2\ \Phi_{63}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
115563	1600	1353	$\frac{1}{41}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1353}\ \Phi_{451}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
115564	1600	297	$\frac{1}{33}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{297}^6\ \Phi_{99}^6\ \Phi_{33}^2\ \Phi_{27}^4\ \Phi_{11}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
115565	1600	171	$\frac{2}{57}$	$\frac{11}{171}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{171}^{10}\ \Phi_{57}^8\ \Phi_{19}^8\ \Phi_9^{10}\ \Phi_3^9\ \Phi_1^{10}$
115566	1600	399	$\frac{5}{133}$	$\frac{8}{133}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{399}^3\ \Phi_{133}^6\ \Phi_{57}^3\ \Phi_{21}^3\ \Phi_{19}^6\ \Phi_7^6\ \Phi_3^4\ \Phi_1^8$
115567	1600	1326	$\frac{1}{26}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{442}^2\ \Phi_{221}^2\ \Phi_{102}\ \Phi_{34}^2$
115568	1600	627	$\frac{9}{209}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{627}^2\ \Phi_{209}^4\ \Phi_{57}\ \Phi_{33}^2\ \Phi_{19}^2\ \Phi_{11}^4\ \Phi_3^2\ \Phi_1^4$
115569	1600	21	$\frac{1}{21}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{21}^{76}\ \Phi_7^{76}\ \Phi_3^{77}\ \Phi_1^{78}$
115570	1600	954	$\frac{2}{159}$	$\frac{1}{6}$	$\frac{157}{477}$	$\frac{1}{3}$	$\Phi_{954}^3\ \Phi_{477}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
115571	1600	297	$\frac{2}{99}$	$\frac{1}{9}$	$\frac{97}{297}$	$\frac{1}{3}$	$\Phi_{297}^8\ \Phi_{27}^8\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
115572	1600	189	$\frac{2}{63}$	$\frac{2}{27}$	$\frac{61}{189}$	$\frac{1}{3}$	$\Phi_{189}^8\ \Phi_{63}^9\ \Phi_{27}^9\ \Phi_{21}^9\ \Phi_9^{10}\ \Phi_7^9\ \Phi_3^9\ \Phi_1^{10}$
115573	1600	819	$\frac{1}{21}$	$\frac{2}{39}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{819}^3\ \Phi_{117}^2\ \Phi_{63}^3\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
115574	1600	396	$\frac{1}{33}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{396}^6\ \Phi_{198}^6\ \Phi_{99}^6\ \Phi_{36}^4\ \Phi_{33}^2\ \Phi_{18}^4\ \Phi_{11}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
115575	1600	765	$\frac{1}{51}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{765}^3\ \Phi_{153}^3\ \Phi_{51}^2\ \Phi_{45}^2\ \Phi_{17}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
115576	1600	81	$\frac{1}{81}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{81}^{20}\ \Phi_{27}^{19}\ \Phi_9^{20}\ \Phi_3^{19}\ \Phi_1^{20}$
115577	1600	267	$\frac{1}{89}$	$\frac{22}{89}$	$\frac{67}{267}$	$\frac{1}{3}$	$\Phi_{267}^5\ \Phi_{89}^8\ \Phi_3^4\ \Phi_1^8$
115578	1600	924	$\frac{1}{33}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{84}\ \Phi_{77}^2\ \Phi_{42}\ \Phi_{33}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
115579	1600	531	$\frac{7}{531}$	$\frac{2}{9}$	$\frac{131}{531}$	$\frac{1}{3}$	$\Phi_{531}^3\ \Phi_{177}^3\ \Phi_{59}^3\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
115580	1600	2985	$\frac{3}{199}$	$\frac{1}{5}$	$\frac{49}{199}$	$\frac{1}{3}$	$\Phi_{2985}\ \Phi_{15}^2$
115581	1600	801	$\frac{13}{801}$	$\frac{151}{801}$	$\frac{197}{801}$	$\frac{1}{3}$	$\Phi_{801}^2\ \Phi_{267}^2\ \Phi_{89}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
115582	1600	318	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{13}{53}$	$\frac{1}{3}$	$\Phi_{318}^6\ \Phi_{159}^3\ \Phi_{106}^6\ \Phi_{53}^6\ \Phi_6^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
115583	1600	801	$\frac{17}{801}$	$\frac{121}{801}$	$\frac{196}{801}$	$\frac{1}{3}$	$\Phi_{801}^2\ \Phi_{267}^2\ \Phi_{89}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
115584	1600	99	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{8}{33}$	$\frac{1}{3}$	$\Phi_{99}^{18}\ \Phi_{33}^{12}\ \Phi_{11}^{12}\ \Phi_9^{20}\ \Phi_3^{13}\ \Phi_1^{14}$
115585	1600	801	$\frac{29}{801}$	$\frac{76}{801}$	$\frac{193}{801}$	$\frac{1}{3}$	$\Phi_{801}^2\ \Phi_{267}^2\ \Phi_{89}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
115586	1600	2607	$\frac{3}{79}$	$\frac{1}{11}$	$\frac{19}{79}$	$\frac{1}{3}$	$\Phi_{2607}\ \Phi_{33}^2$
115587	1600	801	$\frac{37}{801}$	$\frac{61}{801}$	$\frac{191}{801}$	$\frac{1}{3}$	$\Phi_{801}^2\ \Phi_{267}^2\ \Phi_{89}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
115588	1600	189	$\frac{1}{21}$	$\frac{2}{27}$	$\frac{5}{21}$	$\frac{1}{3}$	$\Phi_{189}^9\ \Phi_{63}^9\ \Phi_{27}^{10}\ \Phi_{21}^3\ \Phi_9^{10}\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
115589	1600	273	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{273}^6\ \Phi_{91}^6\ \Phi_{39}^3\ \Phi_{21}^8\ \Phi_{13}^6\ \Phi_7^8\ \Phi_3^4\ \Phi_1^8$
115590	1600	801	$\frac{31}{801}$	$\frac{77}{801}$	$\frac{181}{801}$	$\frac{1}{3}$	$\Phi_{801}^2\ \Phi_{267}^2\ \Phi_{89}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
115591	1600	2418	$\frac{1}{26}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{2418}\ \Phi_{1209}\ \Phi_{186}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_6^2$
115592	1600	207	$\frac{7}{207}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{207}^8\ \Phi_{69}^8\ \Phi_{23}^8\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
115593	1600	801	$\frac{25}{801}$	$\frac{97}{801}$	$\frac{176}{801}$	$\frac{1}{3}$	$\Phi_{801}^2\ \Phi_{267}^2\ \Phi_{89}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
115594	1600	1056	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{176}^2\ \Phi_{96}\ \Phi_{48}\ \Phi_{33}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
115595	1600	2337	$\frac{1}{41}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{2337}\ \Phi_{123}^2$
115596	1600	801	$\frac{16}{801}$	$\frac{157}{801}$	$\frac{161}{801}$	$\frac{1}{3}$	$\Phi_{801}^2\ \Phi_{267}^2\ \Phi_{89}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
115597	1600	255	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{255}^6\ \Phi_{85}^6\ \Phi_{51}^8\ \Phi_{17}^8\ \Phi_{15}^3\ \Phi_5^6\ \Phi_3^4\ \Phi_1^8$
115598	1600	2985	$\frac{4}{199}$	$\frac{39}{199}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2985}\ \Phi_{15}^2$
115599	1600	1230	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1230}^2\ \Phi_{615}\ \Phi_{410}^2\ \Phi_{205}^2$
115600	1600	2985	$\frac{7}{199}$	$\frac{24}{199}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2985}\ \Phi_{15}^2$
115601	1600	1170	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{390}\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{90}^2\ \Phi_{65}^2\ \Phi_{30}\ \Phi_{10}^2$
115602	1600	2985	$\frac{9}{199}$	$\frac{19}{199}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2985}\ \Phi_{15}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
115603	1600	1155	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1155}^2\ \Phi_{385}^2\ \Phi_{165}\ \Phi_{55}^2$
115604	1600	2295	$\frac{1}{17}$	$\frac{2}{27}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2295}\ \Phi_{765}\ \Phi_{85}$
115605	1600	318	$\frac{4}{159}$	$\frac{1}{6}$	$\frac{31}{159}$	$\frac{1}{3}$	$\Phi_{318}^6\ \Phi_{159}^4\ \Phi_{106}^6\ \Phi_{53}^4\ \Phi_{6}^8\ \Phi_{3}^5\ \Phi_{2}^8\ \Phi_{1}^6$
115606	1600	267	$\frac{7}{267}$	$\frac{43}{267}$	$\frac{52}{267}$	$\frac{1}{3}$	$\Phi_{267}^6\ \Phi_{89}^6\ \Phi_{3}^5\ \Phi_{1}^6$
115607	1600	99	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{19}{99}$	$\frac{1}{3}$	$\Phi_{99}^{16}\ \Phi_{33}^{16}\ \Phi_{11}^{16}\ \Phi_{9}^{18}\ \Phi_{3}^{17}\ \Phi_{1}^{18}$
115608	1600	267	$\frac{4}{89}$	$\frac{9}{89}$	$\frac{17}{89}$	$\frac{1}{3}$	$\Phi_{267}^9\ \Phi_{3}^8$
115609	1600	2607	$\frac{4}{79}$	$\frac{1}{11}$	$\frac{15}{79}$	$\frac{1}{3}$	$\Phi_{2607}\ \Phi_{33}^2$
115610	1600	801	$\frac{46}{801}$	$\frac{65}{801}$	$\frac{151}{801}$	$\frac{1}{3}$	$\Phi_{801}^2\ \Phi_{267}^2\ \Phi_{89}^2\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
115611	1600	2499	$\frac{1}{17}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{1}{3}$	$\Phi_{2499}\ \Phi_{357}\ \Phi_{51}^2$
115612	1600	801	$\frac{41}{801}$	$\frac{76}{801}$	$\frac{145}{801}$	$\frac{1}{3}$	$\Phi_{801}^2\ \Phi_{267}^2\ \Phi_{89}^2\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
115613	1600	273	$\frac{1}{21}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{273}^6\ \Phi_{91}^6\ \Phi_{39}^4\ \Phi_{21}^8\ \Phi_{13}^4\ \Phi_{7}^8\ \Phi_{3}^5\ \Phi_{1}^6$
115614	1600	267	$\frac{11}{267}$	$\frac{32}{267}$	$\frac{47}{267}$	$\frac{1}{3}$	$\Phi_{267}^6\ \Phi_{89}^6\ \Phi_{3}^5\ \Phi_{1}^6$
115615	1600	66	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{66}^{24}\ \Phi_{33}^{26}\ \Phi_{22}^{24}\ \Phi_{11}^{26}\ \Phi_{6}^{16}\ \Phi_{3}^{17}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
115616	1600	318	$\frac{7}{159}$	$\frac{19}{159}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{318}^6\ \Phi_{159}^4\ \Phi_{106}^6\ \Phi_{53}^4\ \Phi_{6}^8\ \Phi_{3}^5\ \Phi_{2}^8\ \Phi_{1}^6$
115617	1600	126	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{126}^{18}\ \Phi_{63}^{12}\ \Phi_{42}^{12}\ \Phi_{21}^{8}\ \Phi_{18}^{12}\ \Phi_{14}^{12}\ \Phi_{9}^{8}\ \Phi_{7}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
115618	1600	318	$\frac{3}{53}$	$\frac{5}{53}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{318}^6\ \Phi_{159}^3\ \Phi_{106}^6\ \Phi_{53}^6\ \Phi_{6}^8\ \Phi_{3}^4\ \Phi_{2}^8\ \Phi_{1}^8$
115619	1600	1122	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1122}^2\ \Phi_{561}\ \Phi_{374}^2\ \Phi_{187}^2$
115620	1600	1428	$\frac{1}{17}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1428}^2\ \Phi_{714}^2\ \Phi_{357}\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{51}^2$
115621	1600	945	$\frac{2}{27}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}\ \Phi_{135}^2\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{1}^2$
115622	1600	693	$\frac{2}{33}$	$\frac{1}{9}$	$\frac{31}{231}$	$\frac{1}{3}$	$\Phi_{693}^3\ \Phi_{231}^2\ \Phi_{77}^2\ \Phi_{63}^3\ \Phi_{21}^2\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{3}\ \Phi_{1}^2$
115623	1600	2607	$\frac{7}{79}$	$\frac{1}{11}$	$\frac{9}{79}$	$\frac{1}{3}$	$\Phi_{2607}\ \Phi_{33}^2$
115624	1600	801	$\frac{71}{801}$	$\frac{73}{801}$	$\frac{91}{801}$	$\frac{1}{3}$	$\Phi_{801}^2\ \Phi_{267}^2\ \Phi_{89}^2\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
115625	1600	27	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{27}^{64}\ \Phi_{9}^{50}\ \Phi_{3}^{49}\ \Phi_{1}^{50}$
115626	1600	891	$\frac{8}{99}$	$\frac{91}{891}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
115627	1600	99	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{99}^{18}\ \Phi_{33}^{9}\ \Phi_{11}^{18}\ \Phi_{9}^{20}\ \Phi_{3}^{10}\ \Phi_{1}^{20}$
115628	1600	2277	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{47}{207}$	$\frac{22}{69}$	$\Phi_{2277}\ \Phi_{253}\ \Phi_{99}$
115629	1600	117	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{37}{117}$	$\Phi_{117}^{20}\ \Phi_{13}^{3}\ \Phi_{9}^{20}\ \Phi_{1}^{4}$
115630	1600	169	$\frac{9}{169}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{169}^{10}\ \Phi_{13}^{3}\ \Phi_{1}^{4}$
115631	1600	231	$\frac{6}{77}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{71}{231}$	$\Phi_{231}^{10}\ \Phi_{77}\ \Phi_{33}^{10}\ \Phi_{21}^{10}\ \Phi_{3}^{10}$
115632	1600	252	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{5}{21}$	$\frac{11}{36}$	$\Phi_{252}^9\ \Phi_{126}^9\ \Phi_{63}^9\ \Phi_{36}^{10}\ \Phi_{21}^3\ \Phi_{18}^{10}\ \Phi_{9}^{10}\ \Phi_{7}^3\ \Phi_{3}^3\ \Phi_{1}^4$
115633	1600	3060	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{765}\ \Phi_{85}$
115634	1600	1260	$\frac{1}{12}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{11}{36}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}\ \Phi_{180}^2\ \Phi_{126}\ \Phi_{90}^2\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{35}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{1}^2$
115635	1600	36	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{11}{36}$	$\Phi_{36}^{43}\ \Phi_{18}^{43}\ \Phi_{12}^{42}\ \Phi_{9}^{50}\ \Phi_{6}^{42}\ \Phi_{4}^{42}\ \Phi_{3}^{49}\ \Phi_{2}^{42}\ \Phi_{1}^{50}$
115636	1600	253	$\frac{2}{23}$	$\frac{1}{11}$	$\frac{3}{23}$	$\frac{7}{23}$	$\Phi_{253}^7\ \Phi_{11}^6$
115637	1600	1170	$\frac{1}{26}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{234}^2\ \Phi_{130}\ \Phi_{117}^2\ \Phi_{90}^2\ \Phi_{65}\ \Phi_{18}^2\ \Phi_{10}$
115638	1600	385	$\frac{3}{35}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{385}^5\ \Phi_{77}^3\ \Phi_{55}^5\ \Phi_{11}^2$
115639	1600	1053	$\frac{1}{39}$	$\frac{19}{117}$	$\frac{253}{1053}$	$\frac{98}{351}$	$\Phi_{1053}^2\ \Phi_{117}^2\ \Phi_{81}^2\ \Phi_{39}\ \Phi_{13}\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
115640	1600	1950	$\frac{1}{26}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{325}\ \Phi_{150}\ \Phi_{130}\ \Phi_{65}\ \Phi_{50}\ \Phi_{10}$
115641	1600	189	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{189}^{12}\ \Phi_{63}^{3}\ \Phi_{27}^{8}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
115642	1600	429	$\frac{29}{429}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{10}{39}$	$\Phi_{429}^{4}\ \Phi_{143}^{4}\ \Phi_{33}^{4}\ \Phi_{13}^{3}\ \Phi_{11}^{4}\ \Phi_{1}^{4}$
115643	1600	603	$\frac{3}{67}$	$\frac{1}{9}$	$\frac{16}{67}$	$\frac{17}{67}$	$\Phi_{603}^{3}\ \Phi_{201}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{2}$
115644	1600	123	$\frac{1}{41}$	$\frac{23}{123}$	$\frac{10}{41}$	$\frac{31}{123}$	$\Phi_{123}^{12}\ \Phi_{41}^{15}\ \Phi_{3}^{12}\ \Phi_{1}^{16}$
115645	1600	84	$\frac{1}{21}$	$\frac{3}{28}$	$\frac{5}{21}$	$\frac{1}{4}$	$\Phi_{84}^{18}\ \Phi_{42}^{18}\ \Phi_{28}^{19}\ \Phi_{21}^{21}\ \Phi_{14}^{19}\ \Phi_{12}^{18}\ \Phi_{7}^{22}\ \Phi_{6}^{18}\ \Phi_{4}^{18}\ \Phi_{3}^{21}\ \Phi_{2}^{18}\ \Phi_{1}^{22}$
115646	1600	2380	$\frac{1}{17}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{595}\ \Phi_{85}$
115647	1600	140	$\frac{3}{35}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{140}^{12}\ \Phi_{70}^{12}\ \Phi_{35}^{14}\ \Phi_{28}^{7}\ \Phi_{20}^{12}\ \Phi_{14}^{7}\ \Phi_{10}^{12}\ \Phi_{7}^{8}\ \Phi_{5}^{14}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
115648	1600	252	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{4}$	$\Phi_{252}^{7}\ \Phi_{126}^{7}\ \Phi_{84}^{7}\ \Phi_{63}^{7}\ \Phi_{42}^{7}\ \Phi_{28}^{8}\ \Phi_{21}^{7}\ \Phi_{14}^{8}\ \Phi_{9}^{7}\ \Phi_{7}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
115649	1600	165	$\frac{1}{33}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{8}{33}$	$\Phi_{165}^{9}\ \Phi_{55}^{9}\ \Phi_{33}^{12}\ \Phi_{15}^{9}\ \Phi_{11}^{12}\ \Phi_{5}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{16}$
115650	1600	533	$\frac{17}{533}$	$\frac{101}{533}$	$\frac{108}{533}$	$\frac{129}{533}$	$\Phi_{533}^{3}\ \Phi_{41}^{3}\ \Phi_{13}^{3}\ \Phi_{1}^{4}$
115651	1600	2005	$\frac{13}{401}$	$\frac{76}{401}$	$\frac{1}{5}$	$\frac{97}{401}$	Φ_{2005}
115652	1600	1501	$\frac{3}{79}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{19}{79}$	$\Phi_{1501}\ \Phi_{79}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
115653	1600	2370	$\frac{3}{79}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{19}{79}$	$\Phi_{2370}\ \Phi_{1185}\ \Phi_{790}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
115654	1600	533	$\frac{21}{533}$	$\frac{81}{533}$	$\frac{113}{533}$	$\frac{128}{533}$	$\Phi_{533}^{3}\ \Phi_{41}^{3}\ \Phi_{13}^{3}\ \Phi_{1}^{4}$
115655	1600	642	$\frac{13}{321}$	$\frac{1}{6}$	$\frac{61}{321}$	$\frac{77}{321}$	$\Phi_{642}^{3}\ \Phi_{321}^{2}\ \Phi_{214}^{3}\ \Phi_{107}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
115656	1600	1599	$\frac{67}{1599}$	$\frac{259}{1599}$	$\frac{304}{1599}$	$\frac{383}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115657	1600	2005	$\frac{17}{401}$	$\frac{61}{401}$	$\frac{1}{5}$	$\frac{96}{401}$	Φ_{2005}
115658	1600	672	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{5}{21}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}^{3}\ \Phi_{112}^{3}\ \Phi_{96}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{4}\ \Phi_{21}^{3}\ \Phi_{16}^{4}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
115659	1600	42	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{21}$	$\Phi_{42}^{36}\ \Phi_{21}^{39}\ \Phi_{14}^{36}\ \Phi_{7}^{39}\ \Phi_{6}^{40}\ \Phi_{3}^{43}\ \Phi_{2}^{40}\ \Phi_{1}^{44}$
115660	1600	1599	$\frac{83}{1599}$	$\frac{244}{1599}$	$\frac{271}{1599}$	$\frac{379}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115661	1600	642	$\frac{17}{321}$	$\frac{49}{321}$	$\frac{1}{6}$	$\frac{76}{321}$	$\Phi_{642}^{3}\ \Phi_{321}^{2}\ \Phi_{214}^{3}\ \Phi_{107}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
115662	1600	13	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{3}{13}$	$\Phi_{13}^{123}\ \Phi_{1}^{124}$
115663	1600	715	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{3}{13}$	$\Phi_{715}^{3}\ \Phi_{55}^{4}$
115664	1600	39	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{3}{13}$	$\Phi_{39}^{40}\ \Phi_{13}^{43}\ \Phi_{3}^{40}\ \Phi_{1}^{44}$
115665	1600	234	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{3}{13}$	$\Phi_{234}^{9}\ \Phi_{117}^{6}\ \Phi_{78}^{6}\ \Phi_{39}^{3}\ \Phi_{26}^{6}\ \Phi_{18}^{12}\ \Phi_{13}^{6}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
115666	1600	91	$\frac{1}{13}$	$\frac{11}{91}$	$\frac{2}{13}$	$\frac{3}{13}$	$\Phi_{91}^{20}\ \Phi_{13}^{3}\ \Phi_{7}^{20}\ \Phi_{1}^{4}$
115667	1600	117	$\frac{1}{13}$	$\frac{5}{39}$	$\frac{17}{117}$	$\frac{3}{13}$	$\Phi_{117}^{16}\ \Phi_{39}^{8}\ \Phi_{13}^{11}\ \Phi_{9}^{16}\ \Phi_{3}^{8}\ \Phi_{1}^{12}$
115668	1600	1771	$\frac{13}{161}$	$\frac{1}{11}$	$\frac{31}{161}$	$\frac{37}{161}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{77}$
115669	1600	1599	$\frac{131}{1599}$	$\frac{154}{1599}$	$\frac{289}{1599}$	$\frac{367}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115670	1600	603	$\frac{17}{201}$	$\frac{1}{9}$	$\frac{31}{201}$	$\frac{46}{201}$	$\Phi_{603}^{3}\ \Phi_{201}^{2}\ \Phi_{67}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
115671	1600	123	$\frac{11}{123}$	$\frac{13}{123}$	$\frac{19}{123}$	$\frac{28}{123}$	$\Phi_{123}^{13}\ \Phi_{41}^{13}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
115672	1600	642	$\frac{29}{321}$	$\frac{31}{321}$	$\frac{1}{6}$	$\frac{73}{321}$	$\Phi_{642}^{3}\ \Phi_{321}^{2}\ \Phi_{214}^{3}\ \Phi_{107}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
115673	1600	533	$\frac{43}{533}$	$\frac{49}{533}$	$\frac{103}{533}$	$\frac{121}{533}$	$\Phi_{533}^{3}\ \Phi_{41}^{3}\ \Phi_{13}^{3}\ \Phi_{1}^{4}$
115674	1600	2005	$\frac{31}{401}$	$\frac{37}{401}$	$\frac{1}{5}$	$\frac{91}{401}$	Φ_{2005}
115675	1600	1519	$\frac{4}{49}$	$\frac{3}{31}$	$\frac{9}{49}$	$\frac{7}{31}$	$\Phi_{1519}\ \Phi_{217}\ \Phi_{49}^{2}\ \Phi_{31}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
115676	1600	2046	$\frac{1}{11}$	$\frac{3}{31}$	$\frac{1}{6}$	$\frac{7}{31}$	$\Phi_{2046}\ \Phi_{1023}\ \Phi_{682}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{2}$
115677	1600	868	$\frac{3}{31}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{7}{31}$	$\Phi_{868}^{2}\ \Phi_{434}^{2}\ \Phi_{217}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{28}^{4}\ \Phi_{14}^{4}\ \Phi_{7}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
115678	1600	1599	$\frac{124}{1599}$	$\frac{163}{1599}$	$\frac{295}{1599}$	$\frac{359}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
115679	1600	1771	$\frac{1}{11}$	$\frac{17}{161}$	$\frac{25}{161}$	$\frac{36}{161}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{77}$
115680	1600	533	$\frac{45}{533}$	$\frac{61}{533}$	$\frac{83}{533}$	$\frac{118}{533}$	$\Phi_{533}^{3}\ \Phi_{41}^{3}\ \Phi_{13}^{3}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
115681	1600	642	$\frac{25}{321}$	$\frac{37}{321}$	$\frac{1}{6}$	$\frac{71}{321}$	$\Phi_{642}^3\ \Phi_{321}^2\ \Phi_{214}^3\ \Phi_{107}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
115682	1600	2720	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{2720}\ \Phi_{1360}\ \Phi_{85}$
115683	1600	1120	$\frac{3}{35}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{32}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{224}\ \Phi_{160}^2\ \Phi_{112}\ \Phi_{80}^2\ \Phi_{35}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
115684	1600	288	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{32}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}^7\ \Phi_{48}^7\ \Phi_{32}^8\ \Phi_{16}^8\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
115685	1600	1995	$\frac{1}{21}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{285}\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{15}^2$
115686	1600	1501	$\frac{4}{79}$	$\frac{3}{19}$	$\frac{15}{79}$	$\frac{4}{19}$	$\Phi_{1501}\ \Phi_{79}^2\ \Phi_{19}^2\ \Phi_1^4$
115687	1600	1938	$\frac{1}{17}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\Phi_{1938}\ \Phi_{969}\ \Phi_{646}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}^2$
115688	1600	1501	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1501}\ \Phi_{79}^2\ \Phi_{19}^2\ \Phi_1^4$
115689	1600	1881	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{99}^2\ \Phi_{33}^2$
115690	1600	567	$\frac{1}{21}$	$\frac{13}{81}$	$\frac{16}{81}$	$\frac{17}{81}$	$\Phi_{567}^3\ \Phi_{189}^3\ \Phi_{81}^2\ \Phi_{63}^3\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
115691	1600	1599	$\frac{79}{1599}$	$\frac{259}{1599}$	$\frac{304}{1599}$	$\frac{335}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
115692	1600	1717	$\frac{1}{17}$	$\frac{16}{101}$	$\frac{17}{101}$	$\frac{21}{101}$	Φ_{1717}
115693	1600	1599	$\frac{127}{1599}$	$\frac{184}{1599}$	$\frac{283}{1599}$	$\frac{329}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
115694	1600	1771	$\frac{1}{11}$	$\frac{16}{161}$	$\frac{29}{161}$	$\frac{33}{161}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{77}$
115695	1600	533	$\frac{48}{533}$	$\frac{53}{533}$	$\frac{97}{533}$	$\frac{109}{533}$	$\Phi_{533}^3\ \Phi_{41}^3\ \Phi_{13}^3\ \Phi_1^4$
115696	1600	603	$\frac{16}{201}$	$\frac{1}{9}$	$\frac{37}{201}$	$\frac{41}{201}$	$\Phi_{603}^3\ \Phi_{201}^2\ \Phi_{67}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
115697	1600	533	$\frac{28}{533}$	$\frac{85}{533}$	$\frac{101}{533}$	$\frac{108}{533}$	$\Phi_{533}^3\ \Phi_{41}^3\ \Phi_{13}^3\ \Phi_1^4$
115698	1600	642	$\frac{16}{321}$	$\frac{1}{6}$	$\frac{61}{321}$	$\frac{65}{321}$	$\Phi_{642}^3\ \Phi_{321}^2\ \Phi_{214}^3\ \Phi_{107}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
115699	1600	1599	$\frac{64}{1599}$	$\frac{307}{1599}$	$\frac{319}{1599}$	$\frac{323}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
115700	1600	2005	$\frac{16}{401}$	$\frac{77}{401}$	$\frac{1}{5}$	$\frac{81}{401}$	Φ_{2005}
115701	1600	130	$\frac{1}{26}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{130}^{13}\ \Phi_{65}^{13}\ \Phi_{26}^{12}\ \Phi_{13}^{12}\ \Phi_{10}^{13}\ \Phi_2^{12}$
115702	1600	495	$\frac{4}{99}$	$\frac{19}{99}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{495}^3\ \Phi_{165}^3\ \Phi_{99}^4\ \Phi_{55}^3\ \Phi_{45}^3\ \Phi_{33}^4\ \Phi_{15}^3\ \Phi_{11}^4\ \Phi_9^4\ \Phi_5^6\ \Phi_3^4\ \Phi_1^8$
115703	1600	210	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{210}^9\ \Phi_{105}^6\ \Phi_{70}^9\ \Phi_{42}^{12}\ \Phi_{35}^6\ \Phi_{30}^6\ \Phi_{21}^8\ \Phi_{15}^3\ \Phi_{14}^{12}\ \Phi_{10}^6\ \Phi_7^8\ \Phi_6^8\ \Phi_5^6\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
115704	1600	135	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{135}^{12}\ \Phi_{45}^9\ \Phi_{27}^{16}\ \Phi_{15}^9\ \Phi_9^{12}\ \Phi_5^{12}\ \Phi_3^{12}\ \Phi_1^{16}$
115705	1600	55	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{55}^{27}\ \Phi_{11}^{36}\ \Phi_5^{30}\ \Phi_1^{40}$
115706	1600	2370	$\frac{4}{79}$	$\frac{1}{6}$	$\frac{15}{79}$	$\frac{1}{5}$	$\Phi_{2370}\ \Phi_{1185}\ \Phi_{790}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
115707	1600	2005	$\frac{21}{401}$	$\frac{65}{401}$	$\frac{76}{401}$	$\frac{1}{5}$	Φ_{2005}
115708	1600	2205	$\frac{4}{49}$	$\frac{1}{9}$	$\frac{9}{49}$	$\frac{1}{5}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{315}\ \Phi_{105}\ \Phi_{45}^2\ \Phi_{15}^2$
115709	1600	2005	$\frac{36}{401}$	$\frac{41}{401}$	$\frac{73}{401}$	$\frac{1}{5}$	Φ_{2005}
115710	1600	2145	$\frac{1}{11}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{5}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{165}\ \Phi_{55}^2$
115711	1600	2005	$\frac{33}{401}$	$\frac{46}{401}$	$\frac{71}{401}$	$\frac{1}{5}$	Φ_{2005}
115712	1600	510	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{170}^4\ \Phi_{85}^5$
115713	1600	2370	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2370}\ \Phi_{1185}\ \Phi_{790}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
115714	1600	990	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{990}^3\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{55}^2$
115715	1600	1260	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{15}^2$
115716	1600	39	$\frac{4}{39}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{7}{39}$	$\Phi_{39}^{41}\ \Phi_{13}^{41}\ \Phi_3^{41}\ \Phi_1^{42}$
115717	1600	234	$\frac{4}{39}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{7}{39}$	$\Phi_{234}^9\ \Phi_{117}^6\ \Phi_{78}^6\ \Phi_{39}^4\ \Phi_{26}^6\ \Phi_{18}^{12}\ \Phi_{13}^4\ \Phi_9^8\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
115718	1600	117	$\frac{4}{39}$	$\frac{5}{39}$	$\frac{17}{117}$	$\frac{7}{39}$	$\Phi_{117}^{16}\ \Phi_{39}^9\ \Phi_{13}^9\ \Phi_9^{16}\ \Phi_3^9\ \Phi_1^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
115719	1600	603	$\frac{7}{67}$	$\frac{1}{9}$	$\frac{11}{67}$	$\frac{12}{67}$	$\Phi_{603}^3\ \Phi_{201}^3\ \Phi_9^2\ \Phi_3^2$
115720	1600	1599	$\frac{167}{1599}$	$\frac{179}{1599}$	$\frac{263}{1599}$	$\frac{284}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
115721	1600	642	$\frac{11}{107}$	$\frac{12}{107}$	$\frac{1}{6}$	$\frac{19}{107}$	$\Phi_{642}^3\ \Phi_{321}^3\ \Phi_{214}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
115722	1600	210	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{210}^8\ \Phi_{105}^8\ \Phi_{70}^8\ \Phi_{42}^4\ \Phi_{35}^{10}\ \Phi_{30}^8\ \Phi_{21}^4\ \Phi_{15}^8\ \Phi_{14}^4\ \Phi_{10}^8\ \Phi_7^5\ \Phi_6^8\ \Phi_5^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
115723	1600	18	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{18}^{84}\ \Phi_9^{91}\ \Phi_6^{88}\ \Phi_3^{95}\ \Phi_2^{88}\ \Phi_1^{96}$
115724	1601	2560	$\frac{1}{320}$	$\frac{321}{1280}$	$\frac{959}{2560}$	$\frac{319}{640}$	$\Phi_{2560}\ \Phi_{640}\ \Phi_{512}\ \Phi_{128}\ \Phi_1$
115725	1601	3180	$\frac{11}{1590}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1579}{3180}$	$\Phi_{3180}\ \Phi_{1060}\ \Phi_{636}\ \Phi_{212}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
115726	1601	2140	$\frac{4}{535}$	$\frac{1}{5}$	$\frac{539}{2140}$	$\frac{531}{1070}$	$\Phi_{2140}\ \Phi_{535}\ \Phi_{428}\ \Phi_{107}\ \Phi_{20}\ \Phi_4\ \Phi_1$
115727	1601	3168	$\frac{17}{1584}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1567}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
115728	1601	2144	$\frac{7}{536}$	$\frac{1}{8}$	$\frac{543}{2144}$	$\frac{529}{1072}$	$\Phi_{2144}\ \Phi_{536}\ \Phi_{268}\ \Phi_{134}\ \Phi_{67}\ \Phi_{32}\ \Phi_1$
115729	1601	3072	$\frac{1}{64}$	$\frac{65}{1536}$	$\frac{1471}{3072}$	$\frac{63}{128}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{128}\ \Phi_1$
115730	1601	2304	$\frac{1}{64}$	$\frac{65}{768}$	$\frac{703}{2304}$	$\frac{63}{128}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
115731	1601	1792	$\frac{1}{64}$	$\frac{191}{1792}$	$\frac{65}{256}$	$\frac{63}{128}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
115732	1601	2048	$\frac{1}{64}$	$\frac{65}{512}$	$\frac{447}{2048}$	$\frac{63}{128}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{128}\ \Phi_1$
115733	1601	1920	$\frac{1}{64}$	$\frac{319}{1920}$	$\frac{65}{384}$	$\frac{63}{128}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
115734	1601	3120	$\frac{41}{1560}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{1519}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
115735	1601	2160	$\frac{19}{540}$	$\frac{1}{20}$	$\frac{559}{2160}$	$\frac{521}{1080}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{54}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
115736	1601	1840	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{239}{1840}$	$\frac{221}{460}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{368}\ \Phi_{230}\ \Phi_{184}\ \Phi_{115}\ \Phi_{80}\ \Phi_{46}\ \Phi_{40}\ \Phi_{23}\ \Phi_{16}\ \Phi_8\ \Phi_1$
115737	1601	3080	$\frac{61}{1540}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1479}{3080}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{88}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
115738	1601	3072	$\frac{1}{32}$	$\frac{65}{1536}$	$\frac{31}{96}$	$\frac{1471}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
115739	1601	2176	$\frac{1}{32}$	$\frac{31}{544}$	$\frac{575}{2176}$	$\frac{513}{1088}$	$\Phi_{2176}\ \Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{128}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_1$
115740	1601	3000	$\frac{1}{50}$	$\frac{101}{1500}$	$\frac{49}{150}$	$\frac{1399}{3000}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
115741	1601	3000	$\frac{1}{25}$	$\frac{101}{1500}$	$\frac{24}{125}$	$\frac{1399}{3000}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{200}\ \Phi_{125}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_8\ \Phi_1$
115742	1601	1950	$\frac{1}{25}$	$\frac{24}{325}$	$\frac{349}{1950}$	$\frac{301}{650}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{390}\ \Phi_{325}\ \Phi_{195}\ \Phi_{150}\ \Phi_{78}\ \Phi_{75}\ \Phi_{65}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_{13}\ \Phi_6\ \Phi_3\ \Phi_1$
115743	1601	2200	$\frac{1}{50}$	$\frac{49}{550}$	$\frac{599}{2200}$	$\frac{501}{1100}$	$\Phi_{2200}\ \Phi_{550}\ \Phi_{440}\ \Phi_{275}\ \Phi_{200}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{40}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
115744	1601	1800	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{199}{1800}$	$\frac{161}{360}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
115745	1601	2880	$\frac{1}{80}$	$\frac{161}{1440}$	$\frac{79}{240}$	$\frac{1279}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
115746	1601	2880	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{161}{1440}$	$\frac{1279}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{180}\ \Phi_{90}\ \Phi_{64}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
115747	1601	1680	$\frac{79}{1680}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{140}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
115748	1601	2240	$\frac{1}{80}$	$\frac{79}{560}$	$\frac{639}{2240}$	$\frac{481}{1120}$	$\Phi_{2240}\ \Phi_{560}\ \Phi_{448}\ \Phi_{320}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{64}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
115749	1601	2760	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{221}{1380}$	$\frac{1159}{2760}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{230}\ \Phi_{184}\ \Phi_{120}\ \Phi_{115}\ \Phi_{46}\ \Phi_{40}\ \Phi_{24}\ \Phi_{23}\ \Phi_8\ \Phi_1$
115750	1601	1750	$\frac{1}{25}$	$\frac{149}{1750}$	$\frac{24}{125}$	$\frac{101}{250}$	$\Phi_{1750}\ \Phi_{875}\ \Phi_{350}\ \Phi_{175}\ \Phi_{125}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
115751	1601	2600	$\frac{1}{25}$	$\frac{24}{325}$	$\frac{301}{1300}$	$\frac{999}{2600}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{325}\ \Phi_{200}\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
115752	1601	1620	$\frac{19}{1620}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
115753	1601	1632	$\frac{31}{1632}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{96}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{32}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
115754	1601	1680	$\frac{79}{1680}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
115755	1601	1728	$\frac{1}{32}$	$\frac{127}{1728}$	$\frac{31}{96}$	$\frac{65}{192}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
115756	1601	1800	$\frac{1}{50}$	$\frac{199}{1800}$	$\frac{49}{150}$	$\frac{101}{300}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
115757	1601	1920	$\frac{1}{80}$	$\frac{319}{1920}$	$\frac{79}{240}$	$\frac{161}{480}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
115758	1601	2400	$\frac{1}{200}$	$\frac{199}{600}$	$\frac{799}{2400}$	$\frac{401}{1200}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{160}\ \Phi_{150}\ \Phi_{120}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
115759	1601	2160	$\frac{1}{80}$	$\frac{161}{720}$	$\frac{559}{2160}$	$\frac{79}{240}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{48}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
115760	1601	2385	$\frac{11}{795}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{784}{2385}$	$\Phi_{2385}\ \Phi_{477}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
115761	1601	2250	$\frac{1}{50}$	$\frac{101}{750}$	$\frac{649}{2250}$	$\frac{49}{150}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
115762	1601	2376	$\frac{17}{792}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{775}{2376}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
115763	1601	2304	$\frac{1}{32}$	$\frac{65}{768}$	$\frac{703}{2304}$	$\frac{31}{96}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
115764	1601	1920	$\frac{1}{32}$	$\frac{319}{1920}$	$\frac{65}{384}$	$\frac{31}{96}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
115765	1601	2070	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{469}{2070}$	$\frac{221}{690}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{414}\ \Phi_{230}\ \Phi_{207}\ \Phi_{115}\ \Phi_{90}\ \Phi_{46}\ \Phi_{45}\ \Phi_{23}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
115766	1601	2340	$\frac{1}{20}$	$\frac{41}{780}$	$\frac{739}{2340}$	$\frac{19}{60}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{234}\ \Phi_{180}\ \Phi_{117}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
115767	1601	2310	$\frac{61}{770}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{709}{2310}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{105}\ \Phi_{70}\ \Phi_{66}\ \Phi_{42}\ \Phi_{35}\ \Phi_{33}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
115768	1601	2112	$\frac{17}{528}$	$\frac{1}{8}$	$\frac{511}{2112}$	$\frac{7}{24}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
115769	1601	1656	$\frac{55}{1656}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
115770	1601	1848	$\frac{17}{264}$	$\frac{1}{8}$	$\frac{247}{1848}$	$\frac{7}{24}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{84}\ \Phi_{77}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
115771	1601	1728	$\frac{127}{1728}$	$\frac{17}{144}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
115772	1601	2250	$\frac{1}{25}$	$\frac{101}{750}$	$\frac{24}{125}$	$\frac{649}{2250}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{450}\ \Phi_{225}\ \Phi_{125}\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
115773	1601	1875	$\frac{1}{25}$	$\frac{274}{1875}$	$\frac{24}{125}$	$\frac{101}{375}$	$\Phi_{1875}\ \Phi_{625}\ \Phi_{125}\ \Phi_{1}$
115774	1601	2160	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{161}{720}$	$\frac{559}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
115775	1601	2000	$\frac{1}{25}$	$\frac{24}{125}$	$\frac{399}{2000}$	$\frac{101}{500}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{400}\ \Phi_{200}\ \Phi_{125}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
115776	1602	2660	$\frac{1}{266}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{265}{532}$	$\Phi_{2660}\ \Phi_{532}^2\ \Phi_{380}\ \Phi_{140}\ \Phi_{76}^2\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
115777	1602	1596	$\frac{1}{266}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{265}{532}$	$\Phi_{1596}\ \Phi_{798}^2\ \Phi_{399}^2\ \Phi_{228}\ \Phi_{114}^2\ \Phi_{84}\ \Phi_{57}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_{6}^3\ \Phi_{3}^2$
115778	1602	2832	$\frac{1}{177}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{88}{177}$	$\Phi_{2832}\ \Phi_{944}\ \Phi_{177}\ \Phi_{59}\ \Phi_{48}\ \Phi_{16}^2\ \Phi_{3}\ \Phi_{1}^2$
115779	1602	708	$\frac{1}{177}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{88}{177}$	$\Phi_{708}^2\ \Phi_{354}^2\ \Phi_{236}^2\ \Phi_{177}^3\ \Phi_{118}^2\ \Phi_{59}^3\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
115780	1602	1060	$\frac{2}{265}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{263}{530}$	$\Phi_{1060}^2\ \Phi_{265}^2\ \Phi_{212}^2\ \Phi_{53}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
115781	1602	1601	$\frac{13}{1601}$	$\frac{269}{1601}$	$\frac{444}{1601}$	$\frac{794}{1601}$	$\Phi_{1601}\ \Phi_1^2$
115782	1602	428	$\frac{1}{107}$	$\frac{18}{107}$	$\frac{1}{4}$	$\frac{53}{107}$	$\Phi_{428}^5\ \Phi_{214}^5\ \Phi_4^4\ \Phi_2^4$
115783	1602	2992	$\frac{1}{88}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{87}{176}$	$\Phi_{2992}\ \Phi_{272}\ \Phi_{176}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_1^2$
115784	1602	2640	$\frac{1}{88}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{87}{176}$	$\Phi_{2640}^2\ \Phi_{528}\ \Phi_{240}^2\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
115785	1602	2992	$\frac{1}{88}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{87}{176}$	$\Phi_{2992}\ \Phi_{272}\ \Phi_{176}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_1^2$
115786	1602	1232	$\frac{1}{88}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{87}{176}$	$\Phi_{1232}^3\ \Phi_{112}^3\ \Phi_{28}\ \Phi_{14}$
115787	1602	3306	$\frac{2}{87}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{3306}\ \Phi_{1102}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
115788	1602	2280	$\frac{1}{30}$	$\frac{1}{19}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{190}\ \Phi_{152}\ \Phi_{114}\ \Phi_{95}\ \Phi_{57}\ \Phi_{38}$
115789	1602	3230	$\frac{4}{85}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{81}{170}$	$\Phi_{3230}\ \Phi_{646}\ \Phi_{190}\ \Phi_{95}\ \Phi_{38}$
115790	1602	2052	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{513}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
115791	1602	2244	$\frac{1}{44}$	$\frac{1}{17}$	$\frac{43}{132}$	$\frac{8}{17}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{561}\ \Phi_{204}\ \Phi_{132}^2\ \Phi_{102}\ \Phi_{66}^2\ \Phi_{51}\ \Phi_{33}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
115792	1602	1564	$\frac{3}{92}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{1564}\ \Phi_{782}\ \Phi_{391}\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{17}\ \Phi_1^2$
115793	1602	1870	$\frac{1}{22}$	$\frac{1}{17}$	$\frac{21}{110}$	$\frac{8}{17}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{170}\ \Phi_{110}^2\ \Phi_{85}\ \Phi_{55}^2\ \Phi_{17}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
115794	1602	1632	$\frac{1}{17}$	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{8}{17}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{102}\ \Phi_{96}^2\ \Phi_{51}\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
115795	1602	1683	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{8}{17}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{153}\ \Phi_{99}^2\ \Phi_{51}\ \Phi_{33}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
115796	1602	3192	$\frac{1}{19}$	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{79}{168}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{152}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
115797	1602	3078	$\frac{1}{19}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{162}$	$\Phi_{3078}\ \Phi_{1026}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
115798	1602	1900	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{9}{20}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{475}\ \Phi_{190}\ \Phi_{95}\ \Phi_{38}$
115799	1602	3040	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{160}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{190}\ \Phi_{95}\ \Phi_{38}$
115800	1602	720	$\frac{1}{90}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{720}^4\ \Phi_{240}^4\ \Phi_{144}^4\ \Phi_{90}^2\ \Phi_{80}^4\ \Phi_{48}^3\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{16}^4\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
115801	1602	944	$\frac{1}{59}$	$\frac{1}{8}$	$\frac{29}{118}$	$\frac{7}{16}$	$\Phi_{944}^3\ \Phi_{118}^2\ \Phi_{59}\ \Phi_{16}^4\ \Phi_2^2\ \Phi_1^2$
115802	1602	1824	$\frac{1}{19}$	$\frac{7}{96}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{152}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
115803	1602	2850	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{61}{150}$	$\Phi_{2850}\ \Phi_{950}\ \Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{57}\ \Phi_{38}$
115804	1602	665	$\frac{1}{133}$	$\frac{1}{5}$	$\frac{44}{133}$	$\frac{2}{5}$	$\Phi_{665}^2\ \Phi_{133}^4\ \Phi_{95}^2\ \Phi_{35}^2\ \Phi_{19}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_1^6$
115805	1602	180	$\frac{1}{90}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{180}^{12}\ \Phi_{90}^6\ \Phi_{60}^{12}\ \Phi_{45}^6\ \Phi_{36}^{12}\ \Phi_{30}^6\ \Phi_{20}^{11}\ \Phi_{18}^6\ \Phi_{15}^6\ \Phi_{12}^{12}\ \Phi_{10}^5\ \Phi_9^6\ \Phi_6^6\ \Phi_5^6\ \Phi_4^{10}\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
115806	1602	455	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{455}^3\ \Phi_{91}^6\ \Phi_{65}^3\ \Phi_{35}^2\ \Phi_{13}^6\ \Phi_7^4\ \Phi_5^3\ \Phi_1^6$
115807	1602	1520	$\frac{1}{38}$	$\frac{37}{304}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{304}^2\ \Phi_{152}^2\ \Phi_{80}\ \Phi_{76}^2\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
115808	1602	280	$\frac{13}{280}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^5\ \Phi_{56}^6\ \Phi_{40}^6\ \Phi_{35}^5\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_8^6\ \Phi_7^4\ \Phi_5^6\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
115809	1602	95	$\frac{1}{19}$	$\frac{6}{95}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{95}^{17}\ \Phi_{19}^{16}\ \Phi_5^{18}\ \Phi_1^{18}$
115810	1602	1601	$\frac{11}{1601}$	$\frac{357}{1601}$	$\frac{530}{1601}$	$\frac{622}{1601}$	$\Phi_{1601}\ \Phi_1^2$
115811	1602	2736	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{55}{144}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{342}\ \Phi_{304}\ \Phi_{171}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
115812	1602	428	$\frac{1}{107}$	$\frac{53}{214}$	$\frac{1}{4}$	$\frac{161}{428}$	$\Phi_{428}^3\ \Phi_{214}^5\ \Phi_{107}^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
115813	1602	1904	$\frac{5}{272}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{119}\ \Phi_{112}\ \Phi_{28}\ \Phi_{14}$
115814	1602	1710	$\frac{1}{90}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{342}\ \Phi_{285}\ \Phi_{190}\ \Phi_{171}\ \Phi_{114}\ \Phi_{95}\ \Phi_{57}\ \Phi_{38}$
115815	1602	938	$\frac{1}{67}$	$\frac{1}{7}$	$\frac{22}{67}$	$\frac{45}{134}$	$\Phi_{938}^3\ \Phi_{469}\ \Phi_{14}^3$
115816	1602	1601	$\frac{14}{1601}$	$\frac{355}{1601}$	$\frac{529}{1601}$	$\frac{536}{1601}$	$\Phi_{1601}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
115817	1602	2140	$\frac{4}{535}$	$\frac{1}{4}$	$\frac{177}{535}$	$\frac{179}{535}$	$\Phi_{2140}\ \Phi_{1070}\ \Phi_{428}\ \Phi_{214}\ \Phi_{20}\ \Phi_{10}$
115818	1602	1596	$\frac{1}{133}$	$\frac{1}{4}$	$\frac{44}{133}$	$\frac{1}{3}$	$\Phi_{1596}^2\ \Phi_{798}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{12}^3\ \Phi_6^3$
115819	1602	2406	$\frac{7}{802}$	$\frac{179}{802}$	$\frac{265}{802}$	$\frac{1}{3}$	$\Phi_{2406}\ \Phi_{1203}\ \Phi_6$
115820	1602	660	$\frac{1}{44}$	$\frac{1}{10}$	$\frac{43}{132}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^4\ \Phi_{165}^2\ \Phi_{132}\ \Phi_{110}^4\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{55}^4\ \Phi_{44}^2\ \Phi_{33}$ $\Phi_{30}^3\ \Phi_{22}^2\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{12}\ \Phi_{11}^2\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^4\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
115821	1602	180	$\frac{1}{90}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^8\ \Phi_{90}^{10}\ \Phi_{60}^8\ \Phi_{45}^{10}\ \Phi_{36}^8\ \Phi_{30}^{10}\ \Phi_{20}^8\ \Phi_{18}^{10}\ \Phi_{15}^{10}\ \Phi_{12}^6\ \Phi_{10}^{10}\ \Phi_9^{10}$ $\Phi_6^8\ \Phi_5^{10}\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
115822	1602	1092	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}^3\ \Phi_{546}^3\ \Phi_{156}^3\ \Phi_{84}^2\ \Phi_{78}^3\ \Phi_{42}^2\ \Phi_{12}^3\ \Phi_6^3$
115823	1602	912	$\frac{1}{38}$	$\frac{37}{304}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{912}^3\ \Phi_{456}^3\ \Phi_{228}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
115824	1602	1380	$\frac{3}{92}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1380}^2\ \Phi_{690}^2\ \Phi_{345}^2\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
115825	1602	840	$\frac{13}{280}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{105}^3\ \Phi_{84}\ \Phi_{60}^3\ \Phi_{42}^2\ \Phi_{30}^3\ \Phi_{24}^3$ $\Phi_{21}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
115826	1602	1140	$\frac{1}{19}$	$\frac{6}{95}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}^3\ \Phi_{570}^3\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{12}^3\ \Phi_6^3$
115827	1602	330	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{21}{110}$	$\frac{1}{3}$	$\Phi_{330}^7\ \Phi_{165}^7\ \Phi_{66}^8\ \Phi_{33}^8\ \Phi_{30}^8\ \Phi_{15}^8\ \Phi_6^9\ \Phi_3^8$
115828	1602	480	$\frac{7}{96}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^4\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^4\ \Phi_{32}^2\ \Phi_{30}^3\ \Phi_{24}$ $\Phi_{20}^4\ \Phi_{16}^2\ \Phi_{15}^3\ \Phi_{12}\ \Phi_{10}^4\ \Phi_8^2\ \Phi_6^2\ \Phi_5^4\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
115829	1602	990	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{10}{99}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{90}^2\ \Phi_{66}\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{30}^2$ $\Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_2^2$
115830	1602	1060	$\frac{4}{265}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{87}{265}$	$\Phi_{1060}^2\ \Phi_{530}^2\ \Phi_{212}^2\ \Phi_{106}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_4^2\ \Phi_2^2$
115831	1602	2244	$\frac{1}{44}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{43}{132}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{561}\ \Phi_{204}\ \Phi_{132}^2\ \Phi_{102}\ \Phi_{66}^2\ \Phi_{51}\ \Phi_{33}^2\ \Phi_{17}\ \Phi_{12}^2$ $\Phi_6^2\ \Phi_3^2\ \Phi_1^2$
115832	1602	924	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{43}{132}$	$\Phi_{924}^3\ \Phi_{462}^3\ \Phi_{231}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{28}\ \Phi_{21}^3\ \Phi_{14}$
115833	1602	2052	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
115834	1602	1564	$\frac{3}{92}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{1564}\ \Phi_{782}\ \Phi_{391}\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{17}\ \Phi_1^2$
115835	1602	1870	$\frac{1}{22}$	$\frac{2}{17}$	$\frac{21}{110}$	$\frac{5}{17}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{170}\ \Phi_{110}^2\ \Phi_{85}\ \Phi_{55}^2\ \Phi_{17}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
115836	1602	1632	$\frac{7}{96}$	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{5}{17}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{102}\ \Phi_{96}^2\ \Phi_{51}\ \Phi_{48}^2\ \Phi_{32}^2$ $\Phi_{24}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
115837	1602	1683	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{153}\ \Phi_{99}^2\ \Phi_{51}\ \Phi_{33}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
115838	1602	2394	$\frac{1}{19}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{126}$	$\Phi_{2394}\ \Phi_{1197}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
115839	1602	275	$\frac{8}{275}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{275}^6\ \Phi_{55}^5\ \Phi_{25}^6\ \Phi_{11}^6\ \Phi_5^4\ \Phi_1^6$
115840	1602	2280	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{57}$ Φ_{38}
115841	1602	236	$\frac{1}{59}$	$\frac{29}{118}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{236}^6\ \Phi_{118}^8\ \Phi_{59}^7\ \Phi_4^8\ \Phi_2^{10}\ \Phi_1^{10}$
115842	1602	644	$\frac{3}{92}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{644}^3\ \Phi_{322}^3\ \Phi_{161}^3\ \Phi_{28}\ \Phi_{14}$
115843	1602	2464	$\frac{3}{88}$	$\frac{1}{7}$	$\frac{85}{352}$	$\frac{1}{4}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{224}\ \Phi_{112}\ \Phi_{28}\ \Phi_{14}$
115844	1602	1540	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{21}{110}$	$\frac{1}{4}$	$\Phi_{1540}^2\ \Phi_{770}\ \Phi_{385}\ \Phi_{140}^2\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
115845	1602	428	$\frac{5}{107}$	$\frac{17}{107}$	$\frac{18}{107}$	$\frac{1}{4}$	$\Phi_{428}^5\ \Phi_{214}^5\ \Phi_4^4\ \Phi_2^4$
115846	1602	308	$\frac{3}{44}$	$\frac{41}{308}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{308}^5\ \Phi_{154}^5\ \Phi_{77}^5\ \Phi_{44}^6\ \Phi_{28}^6\ \Phi_{22}^6\ \Phi_{14}^6\ \Phi_{11}^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
115847	1602	672	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{28}\ \Phi_{21}^3\ \Phi_{14}$
115848	1602	2772	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{462}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}$
115849	1603	456	$\frac{1}{228}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{227}{456}$	$\Phi_{456}^7\ \Phi_{152}^7\ \Phi_{24}^7\ \Phi_{12}\ \Phi_8^7\ \Phi_4\ \Phi_1$
115850	1603	1368	$\frac{1}{228}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{227}{456}$	$\Phi_{1368}^3\ \Phi_{456}\ \Phi_{152}\ \Phi_{72}^3\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
115851	1603	2848	$\frac{1}{178}$	$\frac{179}{1424}$	$\frac{1245}{2848}$	$\frac{177}{356}$	$\Phi_{2848}\ \Phi_{356}\ \Phi_{32}\ \Phi_4\ \Phi_1$
115852	1603	2136	$\frac{1}{178}$	$\frac{533}{2136}$	$\frac{179}{712}$	$\frac{177}{356}$	$\Phi_{2136}\ \Phi_{1068}\ \Phi_{534}\ \Phi_{356}\ \Phi_{267}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
115853	1603	1926	$\frac{2}{321}$	$\frac{323}{1926}$	$\frac{1}{3}$	$\frac{319}{642}$	$\Phi_{1926}\ \Phi_{963}\ \Phi_{321}\ \Phi_{107}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
115854	1603	3180	$\frac{13}{1590}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1577}{3180}$	$\Phi_{3180}\ \Phi_{1060}\ \Phi_{636}\ \Phi_{212}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
115855	1603	3168	$\frac{19}{1584}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{1565}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{96}\ \Phi_{36}\ \Phi_{32}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
115856	1603	3168	$\frac{19}{1584}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1565}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
115857	1603	1800	$\frac{4}{225}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{221}{450}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
115858	1603	552	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{47}{276}$	$\frac{45}{92}$	$\Phi_{552}^4\ \Phi_{276}^3\ \Phi_{184}^2\ \Phi_{138}^3\ \Phi_{92}^2\ \Phi_{69}^3\ \Phi_{46}\ \Phi_{24}^4\ \Phi_{23}\ \Phi_{12}^3\ \Phi_{8}\ \Phi_{6}^3\ \Phi_{4}\ \Phi_{3}^3\ \Phi_{1}$
115859	1603	3132	$\frac{37}{1566}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1529}{3132}$	$\Phi_{3132}\ \Phi_{1044}\ \Phi_{348}\ \Phi_{116}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
115860	1603	2160	$\frac{17}{540}$	$\frac{1}{18}$	$\frac{557}{2160}$	$\frac{523}{1080}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{54}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
115861	1603	440	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{211}{440}$	$\Phi_{440}^3\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{88}^3\ \Phi_{55}^4\ \Phi_{44}^4\ \Phi_{40}^5\ \Phi_{22}^4\ \Phi_{20}^6\ \Phi_{11}^4\ \Phi_{10}^5\ \Phi_{8}^4\ \Phi_{5}^5\ \Phi_{4}^5\ \Phi_{2}^4\ \Phi_{1}^5$
115862	1603	3060	$\frac{73}{1530}$	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{1457}{3060}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{204}\ \Phi_{180}\ \Phi_{90}\ \Phi_{68}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
115863	1603	1944	$\frac{17}{324}$	$\frac{1}{18}$	$\frac{341}{1944}$	$\frac{307}{648}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
115864	1603	2376	$\frac{19}{792}$	$\frac{1}{18}$	$\frac{773}{2376}$	$\frac{17}{36}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
115865	1603	1656	$\frac{53}{1656}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{36}\ \Phi_{23}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
115866	1603	1980	$\frac{19}{396}$	$\frac{1}{18}$	$\frac{377}{1980}$	$\frac{17}{36}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
115867	1603	1728	$\frac{1}{18}$	$\frac{125}{1728}$	$\frac{19}{144}$	$\frac{17}{36}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
115868	1603	432	$\frac{1}{18}$	$\frac{13}{216}$	$\frac{17}{108}$	$\frac{203}{432}$	$\Phi_{432}^7\ \Phi_{144}^7\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}^7\ \Phi_{36}\ \Phi_{27}\ \Phi_{16}^7\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
115869	1603	1800	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{197}{1800}$	$\frac{163}{360}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
115870	1603	2916	$\frac{1}{18}$	$\frac{145}{1458}$	$\frac{17}{162}$	$\frac{1313}{2916}$	$\Phi_{2916}\ \Phi_{972}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
115871	1603	240	$\frac{11}{240}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{80}^7\ \Phi_{60}^7\ \Phi_{48}^7\ \Phi_{40}^5\ \Phi_{30}^7\ \Phi_{24}^7\ \Phi_{20}^6\ \Phi_{16}^7\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}^5\ \Phi_{8}^4\ \Phi_{6}^7\ \Phi_{5}^5\ \Phi_{4}^5\ \Phi_{3}^7\ \Phi_{2}^4\ \Phi_{1}^5$
115872	1603	1656	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{1}{8}$	$\frac{185}{414}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{276}\ \Phi_{207}\ \Phi_{184}^2\ \Phi_{92}^2\ \Phi_{72}\ \Phi_{69}\ \Phi_{46}\ \Phi_{36}\ \Phi_{24}\ \Phi_{23}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
115873	1603	2880	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{163}{1440}$	$\frac{1277}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{192}\ \Phi_{180}\ \Phi_{90}\ \Phi_{64}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
115874	1603	1620	$\frac{17}{1620}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
115875	1603	267	$\frac{8}{267}$	$\frac{37}{267}$	$\frac{38}{267}$	$\frac{115}{267}$	$\Phi_{267}^6\ \Phi_{89}^6\ \Phi_{3}^6\ \Phi_{1}^7$
115876	1603	1728	$\frac{1}{18}$	$\frac{125}{1728}$	$\frac{17}{108}$	$\frac{91}{216}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
115877	1603	924	$\frac{2}{231}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{924}^3\ \Phi_{308}^3\ \Phi_{231}\ \Phi_{132}^3\ \Phi_{84}^3\ \Phi_{77}\ \Phi_{44}^3\ \Phi_{33}\ \Phi_{28}^3\ \Phi_{21}\ \Phi_{12}\ \Phi_{11}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
115878	1603	684	$\frac{1}{114}$	$\frac{1}{6}$	$\frac{113}{342}$	$\frac{5}{12}$	$\Phi_{684}^6\ \Phi_{342}\ \Phi_{171}\ \Phi_{36}^6\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
115879	1603	696	$\frac{3}{232}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{696}^2\ \Phi_{348}^2\ \Phi_{232}^3\ \Phi_{174}^2\ \Phi_{116}^3\ \Phi_{87}^2\ \Phi_{58}^3\ \Phi_{29}^3\ \Phi_{24}^2\ \Phi_{12}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
115880	1603	912	$\frac{1}{76}$	$\frac{1}{6}$	$\frac{75}{304}$	$\frac{5}{12}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^3\ \Phi_{152}^3\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
115881	1603	1140	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{56}{285}$	$\frac{5}{12}$	$\Phi_{1140}^3\ \Phi_{380}^3\ \Phi_{285}\ \Phi_{95}\ \Phi_{60}^3\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
115882	1603	468	$\frac{5}{234}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{468}^{6}\ \Phi_{234}\ \Phi_{156}^{6}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}^{6}\ \Phi_{39}\ \Phi_{36}^{6}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
115883	1603	1596	$\frac{1}{38}$	$\frac{37}{266}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1596}^{2}\ \Phi_{532}^{2}\ \Phi_{266}\ \Phi_{133}\ \Phi_{84}^{2}\ \Phi_{28}^{2}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
115884	1603	1824	$\frac{7}{228}$	$\frac{221}{1824}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{152}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
115885	1603	240	$\frac{11}{240}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{240}^{7}\ \Phi_{120}^{7}\ \Phi_{80}^{7}\ \Phi_{60}^{7}\ \Phi_{48}^{7}\ \Phi_{40}^{7}\ \Phi_{30}^{7}\ \Phi_{24}^{7}\ \Phi_{20}^{7}\ \Phi_{16}^{7}\ \Phi_{15}^{7}\ \Phi_{12}\ \Phi_{10}^{7}\ \Phi_{8}^{7}\ \Phi_{5}^{7}\ \Phi_{4}\ \Phi_{1}$
115886	1603	2964	$\frac{1}{19}$	$\frac{18}{247}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2964}\ \Phi_{988}\ \Phi_{247}\ \Phi_{156}\ \Phi_{52}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
115887	1603	2700	$\frac{1}{18}$	$\frac{17}{270}$	$\frac{253}{1350}$	$\frac{1097}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{300}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{100}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
115888	1603	1632	$\frac{29}{1632}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{96}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{32}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
115889	1603	2592	$\frac{17}{324}$	$\frac{1}{18}$	$\frac{307}{1296}$	$\frac{989}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{324}\ \Phi_{288}\ \Phi_{162}\ \Phi_{108}\ \Phi_{96}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
115890	1603	368	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{45}{184}$	$\frac{139}{368}$	$\Phi_{368}^{7}\ \Phi_{184}^{2}\ \Phi_{92}^{2}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}^{7}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
115891	1603	2568	$\frac{2}{321}$	$\frac{319}{1284}$	$\frac{1}{3}$	$\frac{965}{2568}$	$\Phi_{2568}\ \Phi_{856}\ \Phi_{321}\ \Phi_{107}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
115892	1603	2412	$\frac{5}{402}$	$\frac{1}{6}$	$\frac{397}{1206}$	$\frac{809}{2412}$	$\Phi_{2412}\ \Phi_{804}\ \Phi_{402}\ \Phi_{268}\ \Phi_{201}\ \Phi_{134}\ \Phi_{67}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
115893	1603	693	$\frac{2}{231}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{693}^{3}\ \Phi_{231}\ \Phi_{99}^{3}\ \Phi_{77}\ \Phi_{63}^{3}\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
115894	1603	342	$\frac{1}{114}$	$\frac{2}{9}$	$\frac{113}{342}$	$\frac{1}{3}$	$\Phi_{342}^{4}\ \Phi_{171}^{4}\ \Phi_{114}^{6}\ \Phi_{57}^{6}\ \Phi_{38}^{6}\ \Phi_{19}^{6}\ \Phi_{18}^{4}\ \Phi_{9}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
115895	1603	2385	$\frac{13}{795}$	$\frac{2}{15}$	$\frac{782}{2385}$	$\frac{1}{3}$	$\Phi_{2385}\ \Phi_{477}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
115896	1603	321	$\frac{2}{107}$	$\frac{15}{107}$	$\frac{92}{321}$	$\frac{1}{3}$	$\Phi_{321}^{4}\ \Phi_{107}^{7}\ \Phi_{3}^{3}\ \Phi_{1}^{7}$
115897	1603	2088	$\frac{3}{232}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{522}\ \Phi_{261}\ \Phi_{232}\ \Phi_{116}\ \Phi_{72}\ \Phi_{58}\ \Phi_{29}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
115898	1603	2736	$\frac{1}{76}$	$\frac{2}{9}$	$\frac{75}{304}$	$\frac{1}{3}$	$\Phi_{2736}\ \Phi_{1368}\ \Phi_{304}\ \Phi_{152}\ \Phi_{144}\ \Phi_{72}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
115899	1603	855	$\frac{1}{57}$	$\frac{56}{285}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{855}^{3}\ \Phi_{285}\ \Phi_{95}\ \Phi_{45}^{3}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
115900	1603	234	$\frac{5}{234}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{234}^{7}\ \Phi_{117}^{7}\ \Phi_{78}^{7}\ \Phi_{39}^{7}\ \Phi_{26}^{7}\ \Phi_{18}^{4}\ \Phi_{13}^{7}\ \Phi_{9}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
115901	1603	2394	$\frac{1}{38}$	$\frac{37}{266}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2394}\ \Phi_{1197}\ \Phi_{266}\ \Phi_{133}\ \Phi_{126}\ \Phi_{63}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
115902	1603	720	$\frac{11}{240}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}\ \Phi_{180}^{3}\ \Phi_{144}^{3}\ \Phi_{120}\ \Phi_{90}^{3}\ \Phi_{80}\ \Phi_{72}^{3}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}^{3}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
115903	1603	2223	$\frac{1}{19}$	$\frac{18}{247}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2223}\ \Phi_{247}\ \Phi_{117}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
115904	1603	2376	$\frac{19}{792}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{773}{2376}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
115905	1603	552	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{47}{276}$	$\frac{22}{69}$	$\Phi_{552}^{3}\ \Phi_{276}^{2}\ \Phi_{184}^{4}\ \Phi_{138}^{2}\ \Phi_{92}^{3}\ \Phi_{69}^{3}\ \Phi_{46}^{3}\ \Phi_{24}^{3}\ \Phi_{23}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
115906	1603	1320	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{101}{330}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{330}\ \Phi_{264}^{2}\ \Phi_{165}\ \Phi_{132}^{2}\ \Phi_{120}^{2}\ \Phi_{66}\ \Phi_{60}^{2}\ \Phi_{40}^{2}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
115907	1603	1944	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{341}{1944}$	$\frac{145}{486}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
115908	1603	324	$\frac{1}{18}$	$\frac{13}{108}$	$\frac{17}{108}$	$\frac{95}{324}$	$\Phi_{324}^{7}\ \Phi_{162}^{7}\ \Phi_{108}\ \Phi_{81}^{7}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
115909	1603	240	$\frac{11}{240}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{240}^{7}\ \Phi_{120}^{6}\ \Phi_{80}^{7}\ \Phi_{60}^{6}\ \Phi_{48}^{7}\ \Phi_{40}^{7}\ \Phi_{30}^{6}\ \Phi_{24}^{6}\ \Phi_{20}^{7}\ \Phi_{16}^{7}\ \Phi_{15}^{7}\ \Phi_{12}^{6}\ \Phi_{10}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
115910	1603	1656	$\frac{53}{1656}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
115911	1603	2160	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{163}{720}$	$\frac{557}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
115912	1603	292	$\frac{3}{73}$	$\frac{10}{73}$	$\frac{63}{292}$	$\frac{1}{4}$	$\Phi_{292}^{5}\ \Phi_{146}^{5}\ \Phi_{73}^{7}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{7}$
115913	1603	2112	$\frac{19}{528}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{509}{2112}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
115914	1603	600	$\frac{4}{75}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{71}{300}$	$\Phi_{600}^{3}\ \Phi_{300}^{2}\ \Phi_{200}^{3}\ \Phi_{150}^{2}\ \Phi_{120}^{3}\ \Phi_{100}^{2}\ \Phi_{75}^{3}\ \Phi_{60}^{2}\ \Phi_{50}^{2}\ \Phi_{40}^{4}\ \Phi_{30}^{2}\ \Phi_{25}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
115915	1603	264	$\frac{19}{264}$	$\frac{35}{264}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{264}^6\ \Phi_{132}^6\ \Phi_{88}^6\ \Phi_{66}^6\ \Phi_{44}^6\ \Phi_{33}^6\ \Phi_{24}^7\ \Phi_{22}^6\ \Phi_{12}^7\ \Phi_{11}^6\ \Phi_8^7\ \Phi_6^6\ \Phi_4^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
115916	1603	1728	$\frac{125}{1728}$	$\frac{19}{144}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
115917	1603	1000	$\frac{21}{250}$	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1000}^2\ \Phi_{500}^2\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{100}\ \Phi_{40}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
115918	1603	1080	$\frac{4}{45}$	$\frac{1}{8}$	$\frac{41}{270}$	$\frac{1}{5}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}^2\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}^2\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
115919	1604	2400	$\frac{1}{400}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{399}{800}$	$\Phi_{2400}\ \Phi_{800}^2\ \Phi_{480}\ \Phi_{160}^2\ \Phi_{96}\ \Phi_{32}^2\ \Phi_3\ \Phi_1^2$
115920	1604	687	$\frac{1}{229}$	$\frac{115}{687}$	$\frac{286}{687}$	$\frac{114}{229}$	$\Phi_{687}^2\ \Phi_{229}^3\ \Phi_3^2\ \Phi_1^4$
115921	1604	798	$\frac{2}{399}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{397}{798}$	$\Phi_{798}^4\ \Phi_{266}^4\ \Phi_{114}^4\ \Phi_{42}^4\ \Phi_{38}^4\ \Phi_{14}^4\ \Phi_7\ \Phi_6^4\ \Phi_2^4\ \Phi_1^2$
115922	1604	3990	$\frac{2}{399}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{397}{798}$	$\Phi_{3990}\ \Phi_{1330}\ \Phi_{570}\ \Phi_{210}\ \Phi_{190}\ \Phi_{70}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
115923	1604	2680	$\frac{1}{134}$	$\frac{1}{5}$	$\frac{135}{536}$	$\frac{133}{268}$	$\Phi_{2680}\ \Phi_{670}\ \Phi_{335}\ \Phi_{40}\ \Phi_{10}$
115924	1604	792	$\frac{5}{396}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{391}{792}$	$\Phi_{792}^4\ \Phi_{264}^4\ \Phi_{88}^4\ \Phi_{72}^4\ \Phi_{33}\ \Phi_{24}^4\ \Phi_8^4$
115925	1604	3960	$\frac{5}{396}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{391}{792}$	$\Phi_{3960}\ \Phi_{1320}\ \Phi_{440}\ \Phi_{360}\ \Phi_{120}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
115926	1604	438	$\frac{1}{73}$	$\frac{37}{438}$	$\frac{1}{3}$	$\frac{36}{73}$	$\Phi_{438}^4\ \Phi_{219}^3\ \Phi_{146}^4\ \Phi_{73}^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
115927	1604	1575	$\frac{29}{1575}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{773}{1575}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_9\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
115928	1604	483	$\frac{3}{161}$	$\frac{1}{7}$	$\frac{82}{483}$	$\frac{79}{161}$	$\Phi_{483}^4\ \Phi_{161}^2\ \Phi_{69}^4\ \Phi_{23}^2\ \Phi_{21}^4\ \Phi_7\ \Phi_3^4\ \Phi_1^2$
115929	1604	770	$\frac{16}{385}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{369}{770}$	$\Phi_{770}^4\ \Phi_{154}^4\ \Phi_{110}^4\ \Phi_{70}^4\ \Phi_{35}^2\ \Phi_{22}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7\ \Phi_5^2\ \Phi_2^4\ \Phi_1^2$
115930	1604	420	$\frac{19}{420}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_7\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^2$
115931	1604	1221	$\frac{6}{407}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1221}^2\ \Phi_{111}^2\ \Phi_{33}$
115932	1604	2190	$\frac{1}{73}$	$\frac{36}{365}$	$\frac{1}{3}$	$\frac{329}{730}$	$\Phi_{2190}^2\ \Phi_{438}^2\ \Phi_{219}\ \Phi_{30}^2\ \Phi_6^2$
115933	1604	1449	$\frac{6}{161}$	$\frac{155}{1449}$	$\frac{1}{7}$	$\frac{647}{1449}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{161}^2\ \Phi_{69}\ \Phi_{63}\ \Phi_{23}^2\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
115934	1604	1197	$\frac{4}{399}$	$\frac{1}{7}$	$\frac{395}{1197}$	$\frac{3}{7}$	$\Phi_{1197}^2\ \Phi_{171}^2\ \Phi_{63}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
115935	1604	406	$\frac{5}{406}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{406}^4\ \Phi_{203}^4\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_{14}^4\ \Phi_7\ \Phi_2^4\ \Phi_1^2$
115936	1604	532	$\frac{2}{133}$	$\frac{1}{7}$	$\frac{131}{532}$	$\frac{3}{7}$	$\Phi_{532}^4\ \Phi_{266}^4\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_7\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
115937	1604	819	$\frac{17}{819}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{819}^2\ \Phi_{273}^2\ \Phi_{117}^2\ \Phi_{91}^2\ \Phi_{63}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
115938	1604	931	$\frac{4}{133}$	$\frac{129}{931}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{931}^2\ \Phi_{49}^2\ \Phi_7\ \Phi_1^2$
115939	1604	420	$\frac{19}{420}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_7\ \Phi_6^4\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
115940	1604	2040	$\frac{7}{408}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{120}\ \Phi_{85}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
115941	1604	670	$\frac{1}{67}$	$\frac{66}{335}$	$\frac{1}{5}$	$\frac{269}{670}$	$\Phi_{670}^4\ \Phi_{335}\ \Phi_{134}^4\ \Phi_{10}^4\ \Phi_2^4$
115942	1604	644	$\frac{3}{161}$	$\frac{1}{7}$	$\frac{79}{322}$	$\frac{243}{644}$	$\Phi_{644}^4\ \Phi_{161}^2\ \Phi_{92}^4\ \Phi_{28}^4\ \Phi_{23}^2\ \Phi_7\ \Phi_4^4\ \Phi_1^2$
115943	1604	600	$\frac{1}{200}$	$\frac{199}{600}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^2\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^2\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
115944	1604	1212	$\frac{3}{404}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1212}\ \Phi_{606}\ \Phi_{404}^2\ \Phi_{303}\ \Phi_{202}^2\ \Phi_{101}^2\ \Phi_3\ \Phi_1^2$
115945	1604	405	$\frac{4}{405}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^4\ \Phi_{45}^4\ \Phi_{27}^4\ \Phi_{15}^3\ \Phi_9^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
115946	1604	1500	$\frac{1}{100}$	$\frac{99}{500}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}^2\ \Phi_{375}\ \Phi_{250}^2\ \Phi_{125}^2\ \Phi_3\ \Phi_1^2$
115947	1604	480	$\frac{1}{80}$	$\frac{79}{480}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{480}^4\ \Phi_{240}^3\ \Phi_{160}^4\ \Phi_{120}^3\ \Phi_{96}^4\ \Phi_{80}^2\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^2\ \Phi_{32}^4\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
115948	1604	408	$\frac{7}{408}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{408}^4\ \Phi_{204}^4\ \Phi_{136}^4\ \Phi_{102}^4\ \Phi_{68}^4\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{24}^3\ \Phi_{17}^4\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
115949	1604	450	$\frac{1}{50}$	$\frac{49}{450}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^3\ \Phi_{90}^4\ \Phi_{75}^3\ \Phi_{50}^2\ \Phi_{45}^4\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_{9}^4\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
115950	1604	1230	$\frac{9}{410}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{410}^2\ \Phi_{246}\ \Phi_{205}^2\ \Phi_{123}\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{3}\ \Phi_{1}^2$
115951	1604	1320	$\frac{1}{40}$	$\frac{39}{440}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}^2\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{3}\ \Phi_{1}^2$
115952	1604	1248	$\frac{15}{416}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}^2\ \Phi_{312}\ \Phi_{208}^2\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{32}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{3}\ \Phi_{1}^2$
115953	1604	1275	$\frac{1}{25}$	$\frac{24}{425}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1275}\ \Phi_{425}^2\ \Phi_{255}\ \Phi_{85}^2\ \Phi_{51}\ \Phi_{17}^2\ \Phi_{3}\ \Phi_{1}^2$
115954	1604	420	$\frac{19}{420}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^3\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^3\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_{7}^4\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
115955	1604	594	$\frac{5}{198}$	$\frac{1}{11}$	$\frac{193}{594}$	$\frac{1}{3}$	$\Phi_{594}^4\ \Phi_{297}^4\ \Phi_{54}^4\ \Phi_{33}\ \Phi_{27}^4$
115956	1604	825	$\frac{23}{825}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}^2\ \Phi_{75}^2\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{5}^2$
115957	1604	1095	$\frac{1}{73}$	$\frac{72}{365}$	$\frac{293}{1095}$	$\frac{1}{3}$	$\Phi_{1095}\ \Phi_{365}^2\ \Phi_{219}^2\ \Phi_{73}^2\ \Phi_{15}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
115958	1604	528	$\frac{5}{132}$	$\frac{1}{11}$	$\frac{127}{528}$	$\frac{1}{3}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{176}^4\ \Phi_{88}^4\ \Phi_{48}^4\ \Phi_{33}\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{8}^4$
115959	1604	1254	$\frac{17}{418}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{1254}^2\ \Phi_{627}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{33}$
115960	1604	2280	$\frac{2}{57}$	$\frac{55}{456}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{190}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
115961	1604	420	$\frac{19}{420}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^3\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{7}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
115962	1604	495	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{94}{495}$	$\frac{1}{3}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{55}^4\ \Phi_{45}^4\ \Phi_{33}\ \Phi_{15}^4\ \Phi_{5}^4$
115963	1604	429	$\frac{28}{429}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{3}$	$\Phi_{429}^4\ \Phi_{143}^4\ \Phi_{39}^4\ \Phi_{33}\ \Phi_{13}^4$
115964	1604	462	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{61}{462}$	$\frac{1}{3}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{42}^4\ \Phi_{33}\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{7}^4$
115965	1604	1320	$\frac{39}{440}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{3}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{330}^2\ \Phi_{264}^2\ \Phi_{165}^2\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2$
115966	1604	891	$\frac{1}{11}$	$\frac{89}{891}$	$\frac{10}{99}$	$\frac{1}{3}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{81}^2\ \Phi_{33}\ \Phi_{27}^2$
115967	1604	2970	$\frac{5}{198}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{193}{594}$	$\Phi_{2970}\ \Phi_{1485}\ \Phi_{270}\ \Phi_{135}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
115968	1604	483	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{82}{483}$	$\frac{155}{483}$	$\Phi_{483}^3\ \Phi_{161}^4\ \Phi_{69}^3\ \Phi_{23}^4\ \Phi_{21}^3\ \Phi_{7}^3\ \Phi_{3}^3\ \Phi_{1}^4$
115969	1604	1155	$\frac{32}{385}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{353}{1155}$	$\Phi_{1155}^2\ \Phi_{231}^2\ \Phi_{165}^2\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^2$
115970	1604	2070	$\frac{13}{414}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{115}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
115971	1604	420	$\frac{19}{420}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{7}^3\ \Phi_{6}^4\ \Phi_{5}^4\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^4$
115972	1604	458	$\frac{9}{229}$	$\frac{57}{458}$	$\frac{55}{229}$	$\frac{58}{229}$	$\Phi_{458}^4\ \Phi_{229}^3\ \Phi_{2}^4\ \Phi_{1}^4$
115973	1604	2640	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{127}{528}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{880}\ \Phi_{440}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
115974	1604	525	$\frac{29}{525}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{124}{525}$	$\Phi_{525}^3\ \Phi_{175}^3\ \Phi_{105}^3\ \Phi_{75}^3\ \Phi_{35}^4\ \Phi_{25}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{7}^3\ \Phi_{5}^4\ \Phi_{3}^3\ \Phi_{1}^4$
115975	1604	2160	$\frac{31}{432}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{135}\ \Phi_{120}\ \Phi_{80}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
115976	1604	2310	$\frac{5}{66}$	$\frac{61}{462}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
115977	1604	875	$\frac{73}{875}$	$\frac{1}{7}$	$\frac{29}{175}$	$\frac{6}{35}$	$\Phi_{875}^2\ \Phi_{175}\ \Phi_{125}^2\ \Phi_{35}^2\ \Phi_{25}\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{1}^2$
115978	1604	945	$\frac{29}{315}$	$\frac{1}{7}$	$\frac{143}{945}$	$\frac{6}{35}$	$\Phi_{945}^2\ \Phi_{315}\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
115979	1605	640	$\frac{1}{320}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{319}{640}$	$\Phi_{640}^5\ \Phi_{128}^5\ \Phi_{8}\ \Phi_{1}$
115980	1605	2144	$\frac{3}{536}$	$\frac{1}{4}$	$\frac{539}{2144}$	$\frac{533}{1072}$	$\Phi_{2144}\ \Phi_{536}\ \Phi_{268}\ \Phi_{134}\ \Phi_{67}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
115981	1605	1064	$\frac{3}{532}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{529}{1064}$	$\Phi_{1064}^3\ \Phi_{152}^3\ \Phi_{56}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
115982	1605	1484	$\frac{1}{106}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{105}{212}$	$\Phi_{742}^2\ \Phi_{371}^2\ \Phi_{212}\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{28}\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
115983	1605	1484	$\frac{1}{106}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{105}{212}$	$\Phi_{1484}^2\ \Phi_{212}^3\ \Phi_{28}^2\ \Phi_{7}^2\ \Phi_{4}^3\ \Phi_{1}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
115984	1605	636	$\frac{1}{106}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{105}{212}$	$\Phi_{636}^2\ \Phi_{318}^4\ \Phi_{212}\ \Phi_{159}^4\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{12}^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
115985	1605	1056	$\frac{7}{528}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{521}{1056}$	$\Phi_{1056}^3\ \Phi_{352}^3\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
115986	1605	1680	$\frac{2}{105}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{103}{210}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
115987	1605	210	$\frac{2}{105}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{103}{210}$	$\Phi_{210}^6\ \Phi_{105}^9\ \Phi_{70}^6\ \Phi_{42}^7\ \Phi_{35}^9\ \Phi_{30}^6\ \Phi_{21}^{10}\ \Phi_{15}^9\ \Phi_{14}^7\ \Phi_{10}^6\ \Phi_7^9\ \Phi_6^6\ \Phi_5^9\ \Phi_3^9\ \Phi_2^6\ \Phi_1^9$
115988	1605	1104	$\frac{1}{46}$	$\frac{47}{368}$	$\frac{1}{6}$	$\frac{45}{92}$	$\Phi_{1104}^2\ \Phi_{552}^2\ \Phi_{368}\ \Phi_{184}\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{48}^2\ \Phi_{46}\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{16}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
115989	1605	144	$\frac{1}{36}$	$\frac{1}{16}$	$\frac{37}{144}$	$\frac{35}{72}$	$\Phi_{144}^{11}\ \Phi_{72}^{12}\ \Phi_{48}^{11}\ \Phi_{36}^{11}\ \Phi_{24}^{12}\ \Phi_{18}^{11}\ \Phi_{16}^{10}\ \Phi_{12}^{11}\ \Phi_9^{11}\ \Phi_8^{11}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
115990	1605	208	$\frac{3}{104}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{101}{208}$	$\Phi_{208}^7\ \Phi_{104}^8\ \Phi_{52}^8\ \Phi_{26}^8\ \Phi_{16}^{10}\ \Phi_{13}^8\ \Phi_8^{11}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
115991	1605	1848	$\frac{13}{308}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{295}{616}$	$\Phi_{1848}^2\ \Phi_{616}\ \Phi_{264}^2\ \Phi_{168}^2\ \Phi_{88}\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
115992	1605	816	$\frac{5}{102}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{97}{204}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^2\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{48}^4\ \Phi_{34}^2\ \Phi_{24}^4\ \Phi_{17}^2\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
115993	1605	4452	$\frac{1}{53}$	$\frac{1}{14}$	$\frac{52}{159}$	$\frac{13}{28}$	$\Phi_{4452}\ \Phi_{636}\ \Phi_{159}\ \Phi_{84}\ \Phi_{28}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
115994	1605	336	$\frac{5}{112}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^3\ \Phi_{84}^4\ \Phi_{56}^3\ \Phi_{48}^6\ \Phi_{42}^6\ \Phi_{28}^2\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{12}^4\ \Phi_8^3\ \Phi_7^3\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
115995	1605	1794	$\frac{1}{23}$	$\frac{22}{299}$	$\frac{1}{6}$	$\frac{277}{598}$	$\Phi_{1794}\ \Phi_{897}\ \Phi_{299}\ \Phi_{138}^2\ \Phi_{78}\ \Phi_{69}^2\ \Phi_{46}\ \Phi_{39}\ \Phi_{23}\ \Phi_{13}\ \Phi_6\ \Phi_3\ \Phi_1$
115996	1605	1584	$\frac{1}{16}$	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{198}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{176}\ \Phi_{144}^2\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
115997	1605	240	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{13}{120}$	$\frac{11}{24}$	$\Phi_{240}^8\ \Phi_{120}^7\ \Phi_{80}^8\ \Phi_{60}^7\ \Phi_{48}^4\ \Phi_{40}^7\ \Phi_{30}^7\ \Phi_{24}^4\ \Phi_{20}^7\ \Phi_{16}^3\ \Phi_{15}^7\ \Phi_{12}^3\ \Phi_{10}^7\ \Phi_8^3\ \Phi_6^3\ \Phi_5^7\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
115998	1605	192	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{85}{192}$	$\Phi_{192}^{15}\ \Phi_{64}^{15}\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
115999	1605	544	$\frac{9}{544}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{544}^3\ \Phi_{272}^3\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{32}^3\ \Phi_{17}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
116000	1605	1876	$\frac{1}{67}$	$\frac{66}{469}$	$\frac{1}{4}$	$\frac{403}{938}$	$\Phi_{1876}\ \Phi_{469}\ \Phi_{268}^2\ \Phi_{134}\ \Phi_{67}\ \Phi_{28}\ \Phi_7\ \Phi_4\ \Phi_1$
116001	1605	552	$\frac{1}{46}$	$\frac{15}{92}$	$\frac{1}{6}$	$\frac{77}{184}$	$\Phi_{552}^6\ \Phi_{184}^3\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}\ \Phi_{24}^6\ \Phi_{23}\ \Phi_8^3\ \Phi_6\ \Phi_3\ \Phi_1$
116002	1605	720	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{17}{90}$	$\frac{73}{180}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}\ \Phi_{144}^4\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^4\ \Phi_{60}\ \Phi_{48}^4\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
116003	1605	401	$\frac{6}{401}$	$\frac{79}{401}$	$\frac{80}{401}$	$\frac{161}{401}$	$\Phi_{401}^4\ \Phi_1^5$
116004	1605	536	$\frac{3}{268}$	$\frac{53}{268}$	$\frac{1}{4}$	$\frac{215}{536}$	$\Phi_{536}^5\ \Phi_{268}\ \Phi_{134}\ \Phi_{67}\ \Phi_8^5\ \Phi_1$
116005	1605	160	$\frac{1}{160}$	$\frac{1}{4}$	$\frac{53}{160}$	$\frac{3}{8}$	$\Phi_{160}^{10}\ \Phi_{80}^{10}\ \Phi_{40}^{10}\ \Phi_{32}^{10}\ \Phi_{20}^{10}\ \Phi_{16}^{10}\ \Phi_{10}^{10}\ \Phi_8^{11}\ \Phi_5^{10}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
116006	1605	1616	$\frac{11}{1616}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1616}\ \Phi_{808}\ \Phi_{404}\ \Phi_{202}\ \Phi_{101}\ \Phi_8\ \Phi_1$
116007	1605	216	$\frac{1}{108}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^{12}\ \Phi_{108}^3\ \Phi_{72}^{12}\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{24}^{12}\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^9\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
116008	1605	2600	$\frac{4}{325}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{325}\ \Phi_{200}\ \Phi_{104}\ \Phi_{65}\ \Phi_{25}\ \Phi_{13}\ \Phi_8\ \Phi_1$
116009	1605	400	$\frac{1}{80}$	$\frac{79}{400}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{400}^5\ \Phi_{200}^5\ \Phi_{100}^5\ \Phi_{50}^5\ \Phi_{25}^5\ \Phi_8\ \Phi_1$
116010	1605	128	$\frac{1}{64}$	$\frac{21}{128}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{128}^{15}\ \Phi_{64}^{10}\ \Phi_{32}^{10}\ \Phi_{16}^{10}\ \Phi_8^{11}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
116011	1605	544	$\frac{9}{544}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{544}^3\ \Phi_{272}^3\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{32}^2\ \Phi_{17}^3\ \Phi_{16}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
116012	1605	328	$\frac{7}{328}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{328}^5\ \Phi_{164}^5\ \Phi_{82}^5\ \Phi_{41}^5\ \Phi_8\ \Phi_1$
116013	1605	120	$\frac{1}{40}$	$\frac{13}{120}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^{15}\ \Phi_{60}^{15}\ \Phi_{40}^{10}\ \Phi_{30}^{15}\ \Phi_{24}^{15}\ \Phi_{20}^{10}\ \Phi_{15}^{15}\ \Phi_{12}^{15}\ \Phi_{10}^{10}\ \Phi_8^{11}\ \Phi_6^{15}\ \Phi_5^{10}\ \Phi_4^{10}\ \Phi_3^{15}\ \Phi_2^{10}\ \Phi_1^{11}$
116014	1605	440	$\frac{3}{110}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^6\ \Phi_{110}^3\ \Phi_{88}^6\ \Phi_{55}^3\ \Phi_{40}^4\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_8^5\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
116015	1605	352	$\frac{1}{32}$	$\frac{31}{352}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{352}^5\ \Phi_{176}^5\ \Phi_{88}^5\ \Phi_{44}^5\ \Phi_{22}^5\ \Phi_{11}^5\ \Phi_8\ \Phi_1$
116016	1605	1664	$\frac{59}{1664}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{128}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
116017	1605	112	$\frac{5}{112}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{112}^{15}\ \Phi_{56}^{15}\ \Phi_{28}^{15}\ \Phi_{16}^{10}\ \Phi_{14}^{15}\ \Phi_8^{11}\ \Phi_7^{15}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
116018	1605	680	$\frac{1}{20}$	$\frac{19}{340}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{680}^4\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}^4\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_8\ \Phi_1$
116019	1605	1296	$\frac{1}{27}$	$\frac{1}{16}$	$\frac{26}{81}$	$\frac{55}{162}$	$\Phi_{1296}\ \Phi_{648}\ \Phi_{432}^2\ \Phi_{324}\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{81}\ \Phi_{72}^2\ \Phi_{54}\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
116020	1605	804	$\frac{1}{134}$	$\frac{1}{4}$	$\frac{133}{402}$	$\frac{269}{804}$	$\Phi_{804}\ \Phi_{402}^2\ \Phi_{268}^3\ \Phi_{201}^2\ \Phi_{134}^3\ \Phi_{67}^3\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
116021	1605	1008	$\frac{1}{16}$	$\frac{2}{21}$	$\frac{19}{126}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}\ \Phi_{252}^2\ \Phi_{168}\ \Phi_{144}^2\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
116022	1605	240	$\frac{1}{16}$	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{240}^7\ \Phi_{120}^6\ \Phi_{80}^7\ \Phi_{60}^6\ \Phi_{48}^8\ \Phi_{40}^6\ \Phi_{30}^6\ \Phi_{24}^7\ \Phi_{20}^6\ \Phi_{16}^7\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}^6\ \Phi_8^6\ \Phi_6^7\ \Phi_5^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
116023	1605	1113	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{52}{159}$	$\Phi_{1113}^2\ \Phi_{159}^3\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
116024	1605	636	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{52}{159}$	$\Phi_{636}^3\ \Phi_{318}\ \Phi_{212}^4\ \Phi_{159}^2\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{12}^5\ \Phi_6^2\ \Phi_4^5\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
116025	1605	138	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{31}{138}$	$\frac{15}{46}$	$\Phi_{138}^{11}\ \Phi_{69}^{11}\ \Phi_{46}^{13}\ \Phi_{23}^{13}\ \Phi_6^{10}\ \Phi_3^{10}\ \Phi_2^{12}\ \Phi_1^{13}$
116026	1605	792	$\frac{7}{264}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{257}{792}$	$\Phi_{792}^3\ \Phi_{396}^3\ \Phi_{198}^3\ \Phi_{99}^3\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
116027	1605	624	$\frac{3}{52}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{49}{156}$	$\Phi_{624}^4\ \Phi_{312}^4\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{48}^4\ \Phi_{39}^3\ \Phi_{24}^4\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
116028	1605	462	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{6}$	$\frac{47}{154}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{66}^4\ \Phi_{42}^6\ \Phi_{33}^4\ \Phi_{22}^2\ \Phi_{21}^6\ \Phi_{14}^3\ \Phi_{11}^2\ \Phi_7^3\ \Phi_6^5\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
116029	1605	552	$\frac{17}{552}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{552}^3\ \Phi_{276}^3\ \Phi_{184}^3\ \Phi_{138}^3\ \Phi_{92}^3\ \Phi_{69}^3\ \Phi_{46}^3\ \Phi_{23}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
116030	1605	336	$\frac{5}{112}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^3\ \Phi_{84}^6\ \Phi_{56}^3\ \Phi_{48}^6\ \Phi_{42}^4\ \Phi_{28}^3\ \Phi_{24}^6\ \Phi_{21}^4\ \Phi_{16}^3\ \Phi_{14}\ \Phi_{12}^6\ \Phi_8^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
116031	1605	144	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{144}$	$\Phi_{144}^{15}\ \Phi_{72}^{15}\ \Phi_{48}^4\ \Phi_{36}^{15}\ \Phi_{24}^4\ \Phi_{18}^{15}\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^{15}\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
116032	1605	608	$\frac{3}{76}$	$\frac{73}{608}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{608}^3\ \Phi_{304}^3\ \Phi_{152}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
116033	1605	112	$\frac{5}{112}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{112}^{15}\ \Phi_{56}^{15}\ \Phi_{28}^{12}\ \Phi_{16}^{15}\ \Phi_{14}^{12}\ \Phi_8^{15}\ \Phi_7^{12}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
116034	1605	704	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{169}{704}$	$\frac{1}{4}$	$\Phi_{704}^3\ \Phi_{352}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
116035	1605	268	$\frac{2}{67}$	$\frac{13}{67}$	$\frac{27}{134}$	$\frac{1}{4}$	$\Phi_{268}^8\ \Phi_{134}^3\ \Phi_{67}^5\ \Phi_4^7\ \Phi_2^2\ \Phi_1^5$
116036	1605	576	$\frac{41}{576}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{4}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{64}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
116037	1605	616	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{81}{616}$	$\frac{1}{4}$	$\Phi_{616}^3\ \Phi_{308}^3\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
116038	1605	420	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{33}{140}$	$\Phi_{420}^6\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}^6\ \Phi_{60}^6\ \Phi_{42}^4\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}^3\ \Phi_{21}^4\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{14}\ \Phi_{12}^6\ \Phi_7^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
116039	1605	1050	$\frac{29}{350}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{35}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}^2\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{50}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{25}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
116040	1605	126	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{126}$	$\frac{1}{6}$	$\Phi_{126}^{15}\ \Phi_{63}^{15}\ \Phi_{42}^7\ \Phi_{21}^{10}\ \Phi_{18}^{15}\ \Phi_{14}^7\ \Phi_9^{15}\ \Phi_7^9\ \Phi_6^6\ \Phi_3^9\ \Phi_2^6\ \Phi_1^9$
116041	1606	1602	$\frac{2}{801}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{799}{1602}$	$\Phi_{1602}^2\ \Phi_{534}^2\ \Phi_{178}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
116042	1606	1284	$\frac{1}{321}$	$\frac{161}{642}$	$\frac{481}{1284}$	$\frac{160}{321}$	$\Phi_{1284}^2\ \Phi_{428}^2\ \Phi_{321}\ \Phi_{107}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
116043	1606	3216	$\frac{1}{268}$	$\frac{269}{1072}$	$\frac{1}{3}$	$\frac{267}{536}$	$\Phi_{3216}\ \Phi_{804}\ \Phi_{402}\ \Phi_{201}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
116044	1606	1600	$\frac{3}{800}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{797}{1600}$	$\Phi_{1600}^2\ \Phi_{320}^2\ \Phi_{64}^2\ \Phi_5\ \Phi_1^2$
116045	1606	4800	$\frac{3}{800}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{797}{1600}$	$\Phi_{4800}\ \Phi_{960}\ \Phi_{192}\ \Phi_{12}\ \Phi_6$
116046	1606	1596	$\frac{5}{798}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{793}{1596}$	$\Phi_{1596}^2\ \Phi_{532}^2\ \Phi_{228}^2\ \Phi_{84}^2\ \Phi_{76}^2\ \Phi_{28}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
116047	1606	580	$\frac{1}{145}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{72}{145}$	$\Phi_{580}^5\ \Phi_{145}\ \Phi_{116}^5\ \Phi_{29}\ \Phi_{20}^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
116048	1606	435	$\frac{1}{145}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{72}{145}$	$\Phi_{435}^5\ \Phi_{145}\ \Phi_{87}^5\ \Phi_{29}\ \Phi_{15}^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
116049	1606	1498	$\frac{1}{107}$	$\frac{54}{749}$	$\frac{695}{1498}$	$\frac{53}{107}$	$\Phi_{1498}^2\ \Phi_{214}^2\ \Phi_{107}\ \Phi_{14}^2\ \Phi_2^2\ \Phi_1^2$
116050	1606	1590	$\frac{8}{795}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{787}{1590}$	$\Phi_{1590}^2\ \Phi_{530}^2\ \Phi_{318}^2\ \Phi_{106}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
116051	1606	1008	$\frac{1}{72}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{71}{144}$	$\Phi_{1008}^3\ \Phi_{336}^3\ \Phi_{144}^4\ \Phi_{112}^3\ \Phi_{48}^4\ \Phi_{21}\ \Phi_{16}^4\ \Phi_7\ \Phi_3\ \Phi_1^2$
116052	1606	144	$\frac{1}{72}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{71}{144}$	$\Phi_{144}^{22}\ \Phi_{48}^{22}\ \Phi_{16}^{22}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
116053	1606	1008	$\frac{1}{72}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{71}{144}$	$\Phi_{1008}^3\ \Phi_{336}^3\ \Phi_{144}^4\ \Phi_{112}^3\ \Phi_{48}^4\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
116054	1606	920	$\frac{2}{115}$	$\frac{117}{920}$	$\frac{1}{5}$	$\frac{113}{230}$	$\Phi_{920}^2\ \Phi_{460}^2\ \Phi_{184}^2\ \Phi_{115}^2\ \Phi_{92}^2\ \Phi_{40}^2\ \Phi_{23}^2\ \Phi_{20}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
116055	1606	1575	$\frac{31}{1575}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{772}{1575}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
116056	1606	1575	$\frac{31}{1575}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{772}{1575}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_9\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
116057	1606	588	$\frac{1}{49}$	$\frac{1}{12}$	$\frac{25}{98}$	$\frac{24}{49}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{196}^3\ \Phi_{147}^3\ \Phi_{98}\ \Phi_{84}^3\ \Phi_{49}^2\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
116058	1606	1080	$\frac{7}{270}$	$\frac{1}{15}$	$\frac{277}{1080}$	$\frac{263}{540}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
116059	1606	107	$\frac{3}{107}$	$\frac{5}{107}$	$\frac{34}{107}$	$\frac{52}{107}$	$\Phi_{107}^{15}\ \Phi_1^{16}$
116060	1606	1560	$\frac{23}{780}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{757}{1560}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}^2\ \Phi_{120}^2\ \Phi_{104}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
116061	1606	140	$\frac{3}{70}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{67}{140}$	$\Phi_{140}^{22}\ \Phi_{35}^2\ \Phi_{28}^{22}\ \Phi_{20}^{22}\ \Phi_7^2\ \Phi_5\ \Phi_4^{22}\ \Phi_1^2$
116062	1606	420	$\frac{3}{70}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{67}{140}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^2\ \Phi_{105}^4\ \Phi_{84}^5\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^5\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^3\ \Phi_{21}^5\ \Phi_{20}^2\ \Phi_{15}^4\ \Phi_{14}^5\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
116063	1606	525	$\frac{2}{75}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{525}^3\ \Phi_{175}^3\ \Phi_{105}^3\ \Phi_{75}^4\ \Phi_{35}^3\ \Phi_{25}^4\ \Phi_{21}\ \Phi_{15}^4\ \Phi_7\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
116064	1606	756	$\frac{1}{36}$	$\frac{1}{21}$	$\frac{35}{108}$	$\frac{10}{21}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{189}^3\ \Phi_{108}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
116065	1606	1596	$\frac{3}{76}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{228}\ \Phi_{133}\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{21}\ \Phi_{19}^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
116066	1606	672	$\frac{1}{24}$	$\frac{1}{21}$	$\frac{23}{96}$	$\frac{10}{21}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{96}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{21}\ \Phi_{16}^4\ \Phi_7\ \Phi_3\ \Phi_1^2$
116067	1606	630	$\frac{1}{21}$	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{10}{21}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{105}^3\ \Phi_{90}^4\ \Phi_{70}^3\ \Phi_{45}^4\ \Phi_{35}^3\ \Phi_{30}^4\ \Phi_{21}\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_7\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
116068	1606	546	$\frac{1}{21}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{10}{21}$	$\Phi_{546}^3\ \Phi_{273}^3\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{78}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{21}\ \Phi_{13}^4\ \Phi_7\ \Phi_3\ \Phi_1^2$
116069	1606	84	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{10}{21}$	$\Phi_{84}^{19}\ \Phi_{42}^{19}\ \Phi_{28}^{19}\ \Phi_{21}^{20}\ \Phi_{14}^{19}\ \Phi_{12}^{18}\ \Phi_7^{20}\ \Phi_6^{18}\ \Phi_4^{18}\ \Phi_3^{19}\ \Phi_2^{18}\ \Phi_1^{20}$
116070	1606	1680	$\frac{1}{21}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{10}{21}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}^2\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
116071	1606	567	$\frac{1}{21}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{10}{21}$	$\Phi_{567}^3\ \Phi_{189}^3\ \Phi_{81}^4\ \Phi_{27}^4\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
116072	1606	1530	$\frac{38}{765}$	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{727}{1530}$	$\Phi_{1530}^2\ \Phi_{510}^2\ \Phi_{306}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
116073	1606	840	$\frac{37}{840}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
116074	1606	75	$\frac{2}{75}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{75}^{22}\ \Phi_{25}^{22}\ \Phi_{15}^{19}\ \Phi_5^{19}\ \Phi_3^{19}\ \Phi_1^{20}$
116075	1606	1495	$\frac{4}{115}$	$\frac{111}{1495}$	$\frac{1}{5}$	$\frac{692}{1495}$	$\Phi_{1495}\ \Phi_{299}\ \Phi_{115}^2\ \Phi_{65}\ \Phi_{23}^2\ \Phi_{13}\ \Phi_5\ \Phi_1^2$
116076	1606	900	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{97}{900}$	$\frac{83}{180}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
116077	1606	135	$\frac{1}{15}$	$\frac{11}{135}$	$\frac{14}{135}$	$\frac{62}{135}$	$\Phi_{135}^{12}\ \Phi_{45}^{12}\ \Phi_{27}^{12}\ \Phi_{15}^{11}\ \Phi_9^{12}\ \Phi_5^{11}\ \Phi_3^{11}\ \Phi_1^{12}$
116078	1606	816	$\frac{13}{816}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{48}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
116079	1606	402	$\frac{1}{67}$	$\frac{6}{67}$	$\frac{1}{3}$	$\frac{61}{134}$	$\Phi_{402}^{11}\ \Phi_{201}\ \Phi_6^{11}$
116080	1606	2220	$\frac{1}{74}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{2220}^2\ \Phi_{444}^2\ \Phi_{222}\ \Phi_{111}\ \Phi_{60}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
116081	1606	300	$\frac{2}{75}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{300}^{10}\ \Phi_{100}^{10}\ \Phi_{75}^{2}\ \Phi_{60}^{10}\ \Phi_{25}^{2}\ \Phi_{20}^{6}\ \Phi_{15}^{2}\ \Phi_{12}^{10}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
116082	1606	1740	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{14}{87}$	$\frac{9}{20}$	$\Phi_{1740}^{2}\ \Phi_{580}\ \Phi_{348}^{2}\ \Phi_{116}\ \Phi_{87}^{2}\ \Phi_{60}^{2}\ \Phi_{29}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
116083	1606	1440	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{83}{720}$	$\frac{637}{1440}$	$\Phi_{1440}^{2}\ \Phi_{480}^{2}\ \Phi_{288}^{2}\ \Phi_{160}^{2}\ \Phi_{96}^{2}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{32}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116084	1606	1407	$\frac{2}{201}$	$\frac{199}{1407}$	$\frac{1}{3}$	$\frac{604}{1407}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{201}^{2}\ \Phi_{67}^{2}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
116085	1606	924	$\frac{4}{77}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{231}^{2}\ \Phi_{154}^{2}\ \Phi_{132}^{2}\ \Phi_{84}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{42}\ \Phi_{33}^{2}\ \Phi_{28}\ \Phi_{22}^{2}\ \Phi_{21}\ \Phi_{14}$
116086	1606	252	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{10}{63}$	$\frac{53}{126}$	$\Phi_{252}^{6}\ \Phi_{126}^{4}\ \Phi_{84}^{9}\ \Phi_{63}^{6}\ \Phi_{42}^{7}\ \Phi_{36}^{6}\ \Phi_{28}^{9}\ \Phi_{21}^{8}\ \Phi_{18}^{4}\ \Phi_{14}^{7}\ \Phi_{12}^{8}\ \Phi_{9}^{6}\ \Phi_{7}^{8}\ \Phi_{6}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
116087	1606	1380	$\frac{2}{115}$	$\frac{113}{690}$	$\frac{1}{5}$	$\frac{577}{1380}$	$\Phi_{1380}^{2}\ \Phi_{460}^{2}\ \Phi_{276}^{2}\ \Phi_{115}^{2}\ \Phi_{92}^{2}\ \Phi_{60}^{2}\ \Phi_{23}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
116088	1606	1350	$\frac{7}{135}$	$\frac{1}{15}$	$\frac{128}{675}$	$\frac{547}{1350}$	$\Phi_{1350}^{2}\ \Phi_{450}^{2}\ \Phi_{270}^{2}\ \Phi_{150}^{2}\ \Phi_{135}^{2}\ \Phi_{90}^{2}\ \Phi_{54}^{2}\ \Phi_{50}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116089	1606	4020	$\frac{1}{134}$	$\frac{133}{670}$	$\frac{1}{3}$	$\frac{537}{1340}$	$\Phi_{4020}\ \Phi_{804}\ \Phi_{402}\ \Phi_{201}\ \Phi_{60}\ \Phi_{12}\ \Phi_{6}$
116090	1606	1200	$\frac{3}{400}$	$\frac{1}{5}$	$\frac{397}{1200}$	$\frac{2}{5}$	$\Phi_{1200}^{2}\ \Phi_{600}^{2}\ \Phi_{300}^{2}\ \Phi_{240}^{2}\ \Phi_{150}^{2}\ \Phi_{120}^{2}\ \Phi_{75}^{2}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
116091	1606	810	$\frac{7}{810}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{810}^{2}\ \Phi_{405}^{2}\ \Phi_{270}^{2}\ \Phi_{162}^{2}\ \Phi_{135}^{2}\ \Phi_{90}^{2}\ \Phi_{81}^{2}\ \Phi_{54}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
116092	1606	1000	$\frac{3}{200}$	$\frac{197}{1000}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1000}^{2}\ \Phi_{500}^{2}\ \Phi_{250}^{2}\ \Phi_{125}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
116093	1606	960	$\frac{3}{160}$	$\frac{157}{960}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{960}^{2}\ \Phi_{480}^{2}\ \Phi_{320}^{2}\ \Phi_{240}^{2}\ \Phi_{192}^{2}\ \Phi_{120}^{2}\ \Phi_{96}^{2}\ \Phi_{64}^{2}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
116094	1606	820	$\frac{17}{820}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{820}^{2}\ \Phi_{410}^{2}\ \Phi_{205}^{2}\ \Phi_{164}^{2}\ \Phi_{82}^{2}\ \Phi_{41}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
116095	1606	75	$\frac{2}{75}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{75}^{22}\ \Phi_{25}^{20}\ \Phi_{15}^{22}\ \Phi_{5}^{21}\ \Phi_{3}^{22}\ \Phi_{1}^{22}$
116096	1606	900	$\frac{3}{100}$	$\frac{97}{900}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}^{2}\ \Phi_{225}^{2}\ \Phi_{180}^{2}\ \Phi_{150}^{2}\ \Phi_{90}^{2}\ \Phi_{75}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
116097	1606	80	$\frac{3}{80}$	$\frac{7}{80}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{80}^{20}\ \Phi_{40}^{20}\ \Phi_{20}^{20}\ \Phi_{16}^{20}\ \Phi_{10}^{20}\ \Phi_{8}^{20}\ \Phi_{5}^{21}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{22}$
116098	1606	840	$\frac{37}{840}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{140}^{2}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
116099	1606	850	$\frac{47}{850}$	$\frac{3}{50}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{850}^{2}\ \Phi_{425}^{2}\ \Phi_{170}^{2}\ \Phi_{85}^{2}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
116100	1606	882	$\frac{1}{147}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{882}^{3}\ \Phi_{294}^{3}\ \Phi_{147}^{2}\ \Phi_{126}^{3}\ \Phi_{98}^{3}\ \Phi_{49}^{2}\ \Phi_{42}^{3}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116101	1606	840	$\frac{37}{840}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{140}^{2}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116102	1606	2424	$\frac{5}{808}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2424}\ \Phi_{1212}\ \Phi_{606}\ \Phi_{303}\ \Phi_{12}\ \Phi_{6}$
116103	1606	2352	$\frac{1}{147}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{196}\ \Phi_{112}\ \Phi_{98}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
116104	1606	1284	$\frac{1}{107}$	$\frac{53}{214}$	$\frac{161}{642}$	$\frac{481}{1284}$	$\Phi_{1284}^{2}\ \Phi_{428}^{2}\ \Phi_{214}^{2}\ \Phi_{107}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116105	1606	1215	$\frac{14}{405}$	$\frac{1}{15}$	$\frac{391}{1215}$	$\frac{412}{1215}$	$\Phi_{1215}\ \Phi_{405}^{2}\ \Phi_{243}\ \Phi_{135}^{2}\ \Phi_{81}^{2}\ \Phi_{45}^{2}\ \Phi_{27}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
116106	1606	1206	$\frac{1}{201}$	$\frac{200}{603}$	$\frac{1}{3}$	$\frac{403}{1206}$	$\Phi_{1206}^{2}\ \Phi_{402}^{2}\ \Phi_{201}^{2}\ \Phi_{134}^{2}\ \Phi_{67}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116107	1606	1068	$\frac{2}{267}$	$\frac{265}{1068}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1068}^{2}\ \Phi_{534}^{2}\ \Phi_{356}^{2}\ \Phi_{178}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116108	1606	810	$\frac{7}{810}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{810}^{2}\ \Phi_{405}^{2}\ \Phi_{270}^{2}\ \Phi_{162}^{2}\ \Phi_{135}^{2}\ \Phi_{90}^{2}\ \Phi_{81}^{2}\ \Phi_{54}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116109	1606	300	$\frac{2}{75}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{300}^{6}\ \Phi_{150}^{6}\ \Phi_{100}^{6}\ \Phi_{75}^{4}\ \Phi_{60}^{6}\ \Phi_{50}^{6}\ \Phi_{30}^{6}\ \Phi_{25}^{4}\ \Phi_{20}^{6}\ \Phi_{15}^{4}\ \Phi_{12}^{2}\ \Phi_{10}^{6}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116110	1606	1200	$\frac{3}{400}$	$\frac{1}{4}$	$\frac{397}{1200}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}^{2}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}^{2}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}^{2}\ \Phi_{80}^{2}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}^{2}\ \Phi_{48}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{25}^{2}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
116111	1606	108	$\frac{1}{36}$	$\frac{1}{12}$	$\frac{35}{108}$	$\frac{1}{3}$	$\Phi_{108}^{22}\ \Phi_{54}^{22}\ \Phi_{27}^{22}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116112	1606	828	$\frac{25}{828}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{828}^{2}\ \Phi_{414}^{2}\ \Phi_{276}^{2}\ \Phi_{207}^{2}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{23}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116113	1606	1110	$\frac{1}{74}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{1110}\ \Phi_{555}\ \Phi_{370}^{2}\ \Phi_{222}^{2}\ \Phi_{185}^{2}\ \Phi_{111}^{2}\ \Phi_{74}^{2}\ \Phi_{37}^{2}\ \Phi_{30}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
116114	1606	3000	$\frac{3}{200}$	$\frac{197}{1000}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{375}\ \Phi_{12}\ \Phi_{6}$
116115	1606	816	$\frac{13}{816}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{816}^{2}\ \Phi_{408}^{2}\ \Phi_{272}^{2}\ \Phi_{204}^{2}\ \Phi_{136}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{51}^{2}\ \Phi_{48}\ \Phi_{34}^{2}\ \Phi_{24}\ \Phi_{17}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116116	1606	960	$\frac{3}{160}$	$\frac{157}{960}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{960}^{2}\ \Phi_{480}\ \Phi_{320}^{2}\ \Phi_{240}\ \Phi_{192}^{2}\ \Phi_{160}^{2}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}^{2}\ \Phi_{64}^{2}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116117	1606	2460	$\frac{17}{820}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{615}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{12}\ \Phi_{6}$
116118	1606	900	$\frac{3}{100}$	$\frac{97}{900}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}\ \Phi_{225}^{2}\ \Phi_{180}^{2}\ \Phi_{150}\ \Phi_{100}^{2}\ \Phi_{90}^{2}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{30}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116119	1606	2496	$\frac{29}{832}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{192}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_{6}$
116120	1606	240	$\frac{3}{80}$	$\frac{7}{80}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^{10}\ \Phi_{120}^{10}\ \Phi_{60}^{10}\ \Phi_{48}^{10}\ \Phi_{30}^{10}\ \Phi_{24}^{10}\ \Phi_{15}^{10}\ \Phi_{12}^{11}\ \Phi_{6}^{11}\ \Phi_{3}^{10}$
116121	1606	228	$\frac{3}{76}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^{7}\ \Phi_{114}^{7}\ \Phi_{76}^{8}\ \Phi_{57}^{7}\ \Phi_{38}^{8}\ \Phi_{19}^{8}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116122	1606	840	$\frac{37}{840}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{140}^{2}\ \Phi_{120}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116123	1606	96	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{23}{96}$	$\frac{1}{3}$	$\Phi_{96}^{22}\ \Phi_{48}^{22}\ \Phi_{32}^{22}\ \Phi_{16}^{22}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116124	1606	612	$\frac{7}{153}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{612}^{3}\ \Phi_{306}^{3}\ \Phi_{204}^{2}\ \Phi_{153}^{2}\ \Phi_{102}^{3}\ \Phi_{68}^{3}\ \Phi_{51}^{2}\ \Phi_{34}^{3}\ \Phi_{17}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116125	1606	1050	$\frac{2}{75}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{1050}^{2}\ \Phi_{525}\ \Phi_{350}^{2}\ \Phi_{210}^{2}\ \Phi_{175}\ \Phi_{150}^{2}\ \Phi_{105}\ \Phi_{75}^{2}\ \Phi_{70}^{2}\ \Phi_{50}^{2}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{25}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116126	1606	180	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{17}{90}$	$\frac{1}{3}$	$\Phi_{180}^{12}\ \Phi_{90}^{10}\ \Phi_{60}^{12}\ \Phi_{45}^{10}\ \Phi_{30}^{10}\ \Phi_{20}^{12}\ \Phi_{15}^{10}\ \Phi_{12}^{2}\ \Phi_{10}^{10}\ \Phi_{6}^{2}\ \Phi_{5}^{10}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116127	1606	912	$\frac{5}{114}$	$\frac{109}{912}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{912}^{2}\ \Phi_{456}^{2}\ \Phi_{304}^{2}\ \Phi_{228}^{2}\ \Phi_{152}^{2}\ \Phi_{76}^{2}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116128	1606	840	$\frac{37}{840}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{140}^{2}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}\ \Phi_{56}^{2}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116129	1606	156	$\frac{5}{78}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{156}^{12}\ \Phi_{78}^{10}\ \Phi_{52}^{12}\ \Phi_{39}^{10}\ \Phi_{26}^{10}\ \Phi_{13}^{10}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116130	1606	864	$\frac{61}{864}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{3}$	$\Phi_{864}^{2}\ \Phi_{432}^{2}\ \Phi_{288}^{2}\ \Phi_{216}^{2}\ \Phi_{144}^{2}\ \Phi_{108}^{2}\ \Phi_{96}^{2}\ \Phi_{54}^{2}\ \Phi_{48}^{2}\ \Phi_{32}^{2}\ \Phi_{27}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116131	1606	84	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{3}$	$\Phi_{84}^{22}\ \Phi_{42}^{22}\ \Phi_{28}^{22}\ \Phi_{21}^{22}\ \Phi_{14}^{22}\ \Phi_{12}^{2}\ \Phi_{7}^{22}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116132	1606	240	$\frac{1}{12}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{240}^{7}\ \Phi_{120}^{7}\ \Phi_{80}^{8}\ \Phi_{60}^{7}\ \Phi_{48}^{7}\ \Phi_{40}^{8}\ \Phi_{30}^{7}\ \Phi_{20}^{8}\ \Phi_{16}^{8}\ \Phi_{15}^{7}\ \Phi_{12}^{2}\ \Phi_{10}^{8}\ \Phi_{6}^{2}\ \Phi_{5}^{8}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116133	1606	324	$\frac{1}{12}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{324}^{6}\ \Phi_{162}^{6}\ \Phi_{108}^{6}\ \Phi_{81}^{4}\ \Phi_{54}^{6}\ \Phi_{27}^{4}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116134	1606	435	$\frac{2}{145}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{143}{435}$	$\Phi_{435}^{3}\ \Phi_{145}^{5}\ \Phi_{87}^{3}\ \Phi_{29}^{5}\ \Phi_{15}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
116135	1606	1035	$\frac{2}{115}$	$\frac{1}{5}$	$\frac{232}{1035}$	$\frac{113}{345}$	$\Phi_{1035}^{2}\ \Phi_{207}^{2}\ \Phi_{115}^{2}\ \Phi_{45}^{2}\ \Phi_{23}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
116136	1606	756	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{35}{108}$	$\Phi_{756}^{3}\ \Phi_{378}^{3}\ \Phi_{189}^{3}\ \Phi_{108}^{4}\ \Phi_{54}^{4}\ \Phi_{27}^{4}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116137	1606	756	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{43}{189}$	$\frac{20}{63}$	$\Phi_{756}^{3}\ \Phi_{378}^{3}\ \Phi_{189}^{2}\ \Phi_{108}^{3}\ \Phi_{84}^{3}\ \Phi_{54}^{3}\ \Phi_{42}^{3}\ \Phi_{28}^{3}\ \Phi_{27}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116138	1606	1170	$\frac{23}{390}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{367}{1170}$	$\Phi_{1170}^{2}\ \Phi_{585}^{2}\ \Phi_{234}^{2}\ \Phi_{117}^{2}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116139	1606	945	$\frac{1}{15}$	$\frac{31}{315}$	$\frac{142}{945}$	$\frac{14}{45}$	$\Phi_{945}^{2}\ \Phi_{315}\ \Phi_{189}^{2}\ \Phi_{135}^{2}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}^{2}\ \Phi_{35}\ \Phi_{27}^{2}\ \Phi_{21}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
116140	1606	900	$\frac{1}{15}$	$\frac{97}{900}$	$\frac{31}{225}$	$\frac{14}{45}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
116141	1606	105	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{32}{105}$	$\Phi_{105}^{22}\ \Phi_{35}^2\ \Phi_{21}^{22}\ \Phi_{15}^{22}\ \Phi_7^2\ \Phi_5\ \Phi_3^{22}\ \Phi_1^2$
116142	1606	420	$\frac{1}{12}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{32}{105}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^2\ \Phi_{84}^5\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^5\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^5\ \Phi_{21}^3\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{14}^5\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
116143	1606	840	$\frac{37}{840}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
116144	1606	75	$\frac{2}{75}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{75}^{22}\ \Phi_{25}^{22}\ \Phi_{15}^{18}\ \Phi_5^{21}\ \Phi_3^{18}\ \Phi_1^{22}$
116145	1606	435	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{435}^3\ \Phi_{145}^4\ \Phi_{87}^5\ \Phi_{29}^5\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^6\ \Phi_1^6$
116146	1606	1080	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{83}{360}$	$\frac{277}{1080}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
116147	1606	532	$\frac{3}{76}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{532}^3\ \Phi_{266}^3\ \Phi_{133}^3\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
116148	1606	672	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{23}{96}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{96}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
116149	1606	1050	$\frac{31}{525}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{247}{1050}$	$\Phi_{1050}^2\ \Phi_{525}\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}\ \Phi_{150}^2\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
116150	1606	630	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{17}{90}$	$\frac{3}{14}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{105}^3\ \Phi_{90}^4\ \Phi_{70}^3\ \Phi_{45}^4\ \Phi_{35}^3\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{14}^2\ \Phi_{10}^4\ \Phi_7\ \Phi_5^4\ \Phi_2^2\ \Phi_1^2$
116151	1606	546	$\frac{5}{78}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{546}^3\ \Phi_{273}^3\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{78}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{14}^2\ \Phi_{13}^4\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
116152	1606	84	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{84}^{19}\ \Phi_{42}^{19}\ \Phi_{28}^{19}\ \Phi_{21}^{19}\ \Phi_{14}^{21}\ \Phi_{12}^{18}\ \Phi_7^{20}\ \Phi_6^{18}\ \Phi_4^{18}\ \Phi_3^{18}\ \Phi_2^{20}\ \Phi_1^{20}$
116153	1606	560	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^4\ \Phi_{70}^3\ \Phi_{40}^4\ \Phi_{35}^3\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_{10}^4\ \Phi_7\ \Phi_5^4\ \Phi_2^2\ \Phi_1^2$
116154	1606	1134	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{1134}^2\ \Phi_{567}\ \Phi_{378}^2\ \Phi_{189}\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
116155	1606	875	$\frac{72}{875}$	$\frac{4}{35}$	$\frac{31}{175}$	$\frac{1}{5}$	$\Phi_{875}^2\ \Phi_{175}\ \Phi_{125}^2\ \Phi_{35}^2\ \Phi_{25}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
116156	1606	945	$\frac{31}{315}$	$\frac{4}{35}$	$\frac{142}{945}$	$\frac{1}{5}$	$\Phi_{945}^2\ \Phi_{315}\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_9\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
116157	1606	2100	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{29}{175}$	$\frac{6}{35}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{50}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
116158	1607	2920	$\frac{1}{146}$	$\frac{147}{1460}$	$\frac{1313}{2920}$	$\frac{145}{292}$	$\Phi_{2920}\ \Phi_{584}\ \Phi_{292}\ \Phi_{40}\ \Phi_8\ \Phi_4\ \Phi_1$
116159	1607	3168	$\frac{23}{1584}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{1561}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{96}\ \Phi_{44}\ \Phi_{32}\ \Phi_4\ \Phi_1$
116160	1607	3168	$\frac{23}{1584}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1561}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{96}\ \Phi_{33}\ \Phi_{32}\ \Phi_3\ \Phi_1$
116161	1607	2156	$\frac{10}{539}$	$\frac{1}{11}$	$\frac{549}{2156}$	$\frac{529}{1078}$	$\Phi_{2156}\ \Phi_{539}\ \Phi_{308}\ \Phi_{196}\ \Phi_{77}\ \Phi_{49}\ \Phi_{44}\ \Phi_{28}\ \Phi_7\ \Phi_4\ \Phi_1$
116162	1607	1848	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{241}{1848}$	$\frac{221}{462}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{33}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_3\ \Phi_1$
116163	1607	3080	$\frac{67}{1540}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1473}{3080}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{40}\ \Phi_8\ \Phi_7\ \Phi_1$
116164	1607	2376	$\frac{23}{792}$	$\frac{1}{22}$	$\frac{769}{2376}$	$\frac{21}{44}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{44}\ \Phi_{27}\ \Phi_4\ \Phi_1$
116165	1607	1672	$\frac{65}{1672}$	$\frac{1}{22}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{418}\ \Phi_{209}\ \Phi_{152}\ \Phi_{76}\ \Phi_{44}\ \Phi_{38}\ \Phi_{19}\ \Phi_4\ \Phi_1$
116166	1607	2112	$\frac{23}{528}$	$\frac{1}{22}$	$\frac{505}{2112}$	$\frac{21}{44}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{44}\ \Phi_{32}\ \Phi_4\ \Phi_1$
116167	1607	1980	$\frac{1}{22}$	$\frac{23}{396}$	$\frac{373}{1980}$	$\frac{21}{44}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
116168	1607	1716	$\frac{1}{22}$	$\frac{109}{1716}$	$\frac{23}{132}$	$\frac{21}{44}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{286}\ \Phi_{156}\ \Phi_{143}\ \Phi_{78}\ \Phi_{52}\ \Phi_{44}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_4\ \Phi_1$
116169	1607	1760	$\frac{1}{22}$	$\frac{153}{1760}$	$\frac{23}{176}$	$\frac{21}{44}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
116170	1607	1848	$\frac{1}{22}$	$\frac{23}{264}$	$\frac{241}{1848}$	$\frac{21}{44}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{84}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
116171	1607	1694	$\frac{87}{1694}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{154}$	$\Phi_{1694}\ \Phi_{847}\ \Phi_{242}\ \Phi_{121}\ \Phi_{77}\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
116172	1607	2772	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{221}{1386}$	$\frac{1165}{2772}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{231}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
116173	1607	2628	$\frac{1}{146}$	$\frac{293}{1314}$	$\frac{145}{438}$	$\frac{1021}{2628}$	$\Phi_{2628}\ \Phi_{876}\ \Phi_{438}\ \Phi_{292}\ \Phi_{219}\ \Phi_{36}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
116174	1607	2336	$\frac{1}{146}$	$\frac{145}{584}$	$\frac{729}{2336}$	$\frac{439}{1168}$	$\Phi_{2336}\ \Phi_{584}\ \Phi_{292}\ \Phi_{32}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
116175	1607	1650	$\frac{43}{1650}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{330}\ \Phi_{275}\ \Phi_{165}\ \Phi_{150}\ \Phi_{110}\ \Phi_{75}\ \Phi_{55}\ \Phi_{50}\ \Phi_{33}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
116176	1607	2376	$\frac{23}{792}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{769}{2376}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{3}\ \Phi_{1}$
116177	1607	2079	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{472}{2079}$	$\frac{221}{693}$	$\Phi_{2079}\ \Phi_{297}\ \Phi_{231}\ \Phi_{189}\ \Phi_{77}\ \Phi_{33}\ \Phi_{27}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
116178	1607	2310	$\frac{67}{770}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{703}{2310}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
116179	1607	2112	$\frac{23}{528}$	$\frac{1}{11}$	$\frac{505}{2112}$	$\frac{10}{33}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{33}\ \Phi_{32}\ \Phi_{3}\ \Phi_{1}$
116180	1607	1683	$\frac{76}{1683}$	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}\ \Phi_{51}\ \Phi_{33}\ \Phi_{17}\ \Phi_{3}\ \Phi_{1}$
116181	1607	1980	$\frac{23}{396}$	$\frac{1}{11}$	$\frac{373}{1980}$	$\frac{10}{33}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
116182	1607	1716	$\frac{109}{1716}$	$\frac{1}{11}$	$\frac{23}{132}$	$\frac{10}{33}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{286}\ \Phi_{156}\ \Phi_{143}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{33}\ \Phi_{26}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}$
116183	1607	1848	$\frac{23}{264}$	$\frac{1}{11}$	$\frac{241}{1848}$	$\frac{10}{33}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{84}\ \Phi_{77}\ \Phi_{56}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
116184	1607	1782	$\frac{1}{11}$	$\frac{175}{1782}$	$\frac{23}{198}$	$\frac{10}{33}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{3}\ \Phi_{1}$
116185	1607	1848	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{241}{1848}$	$\frac{67}{308}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{56}\ \Phi_{42}\ \Phi_{33}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
116186	1607	1925	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{318}{1925}$	$\frac{67}{385}$	$\Phi_{1925}\ \Phi_{275}\ \Phi_{175}\ \Phi_{77}\ \Phi_{25}\ \Phi_{7}\ \Phi_{1}$
116187	1608	1203	$\frac{1}{401}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{200}{401}$	$\Phi_{1203}\ \Phi_{401}^2\ \Phi_{3}^2\ \Phi_{1}^4$
116188	1608	1607	$\frac{5}{1607}$	$\frac{403}{1607}$	$\frac{602}{1607}$	$\frac{801}{1607}$	$\Phi_{1607}\ \Phi_{1}^2$
116189	1608	2415	$\frac{3}{805}$	$\frac{202}{805}$	$\frac{1}{3}$	$\frac{401}{805}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{345}\ \Phi_{105}\ \Phi_{69}\ \Phi_{21}\ \Phi_{15}$
116190	1608	1335	$\frac{1}{267}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{133}{267}$	$\Phi_{1335}\ \Phi_{445}\ \Phi_{267}^2\ \Phi_{89}^2\ \Phi_{15}\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
116191	1608	1068	$\frac{1}{267}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{133}{267}$	$\Phi_{1068}^2\ \Phi_{534}^2\ \Phi_{356}^2\ \Phi_{178}^2\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
116192	1608	1607	$\frac{7}{1607}$	$\frac{269}{1607}$	$\frac{669}{1607}$	$\frac{800}{1607}$	$\Phi_{1607}\ \Phi_{1}^2$
116193	1608	2800	$\frac{1}{200}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{199}{400}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}^2\ \Phi_{112}\ \Phi_{80}^2\ \Phi_{16}^2\ \Phi_{7}\ \Phi_{1}^2$
116194	1608	1200	$\frac{1}{200}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{199}{400}$	$\Phi_{1200}^4\ \Phi_{240}^4\ \Phi_{48}^4\ \Phi_{15}$
116195	1608	716	$\frac{1}{179}$	$\frac{1}{4}$	$\frac{45}{179}$	$\frac{89}{179}$	$\Phi_{716}^3\ \Phi_{358}^3\ \Phi_{4}^2\ \Phi_{2}^2$
116196	1608	1607	$\frac{9}{1607}$	$\frac{401}{1607}$	$\frac{404}{1607}$	$\frac{799}{1607}$	$\Phi_{1607}\ \Phi_{1}^2$
116197	1608	483	$\frac{1}{161}$	$\frac{27}{161}$	$\frac{1}{3}$	$\frac{80}{161}$	$\Phi_{483}^5\ \Phi_{69}^5\ \Phi_{21}^5\ \Phi_{3}^4$
116198	1608	1463	$\frac{1}{133}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{66}{133}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{133}^2\ \Phi_{77}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{1}^4$
116199	1608	399	$\frac{1}{133}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{66}{133}$	$\Phi_{399}^6\ \Phi_{57}^6\ \Phi_{21}^7\ \Phi_{3}^6$
116200	1608	1463	$\frac{1}{133}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{66}{133}$	$\Phi_{1463}\ \Phi_{209}\ \Phi_{133}^2\ \Phi_{77}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{1}^4$
116201	1608	2660	$\frac{1}{133}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{66}{133}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{380}\ \Phi_{190}\ \Phi_{140}\ \Phi_{70}\ \Phi_{20}^2\ \Phi_{10}^2$
116202	1608	1607	$\frac{13}{1607}$	$\frac{135}{1607}$	$\frac{736}{1607}$	$\frac{797}{1607}$	$\Phi_{1607}\ \Phi_{1}^2$
116203	1608	690	$\frac{1}{115}$	$\frac{29}{230}$	$\frac{1}{3}$	$\frac{57}{115}$	$\Phi_{690}^4\ \Phi_{345}^3\ \Phi_{138}^4\ \Phi_{69}^3\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{6}^4\ \Phi_{3}^2$
116204	1608	1607	$\frac{17}{1607}$	$\frac{203}{1607}$	$\frac{468}{1607}$	$\frac{795}{1607}$	$\Phi_{1607}\ \Phi_{1}^2$
116205	1608	1883	$\frac{3}{269}$	$\frac{1}{7}$	$\frac{68}{269}$	$\frac{133}{269}$	Φ_{1883}
116206	1608	1607	$\frac{19}{1607}$	$\frac{271}{1607}$	$\frac{334}{1607}$	$\frac{794}{1607}$	$\Phi_{1607}\ \Phi_{1}^2$
116207	1608	2015	$\frac{5}{403}$	$\frac{68}{403}$	$\frac{1}{5}$	$\frac{199}{403}$	$\Phi_{2015}\ \Phi_{155}\ \Phi_{65}$
116208	1608	2148	$\frac{7}{537}$	$\frac{68}{537}$	$\frac{1}{4}$	$\frac{265}{537}$	$\Phi_{2148}\ \Phi_{1074}\ \Phi_{716}\ \Phi_{358}\ \Phi_{12}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
116209	1608	1607	$\frac{21}{1607}$	$\frac{200}{1607}$	$\frac{407}{1607}$	$\frac{793}{1607}$	$\Phi_{1607}\ \Phi_1^2$
116210	1608	2415	$\frac{11}{805}$	$\frac{68}{805}$	$\frac{1}{3}$	$\frac{397}{805}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{345}\ \Phi_{105}\ \Phi_{69}\ \Phi_{21}\ \Phi_{15}$
116211	1608	3036	$\frac{1}{66}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{65}{132}$	$\Phi_{3036}\ \Phi_{1012}\ \Phi_{276}\ \Phi_{132}^2\ \Phi_{92}\ \Phi_{44}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
116212	1608	1716	$\frac{1}{66}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{65}{132}$	$\Phi_{1716}^2\ \Phi_{572}^2\ \Phi_{156}^2\ \Phi_{52}^2\ \Phi_{39}$
116213	1608	3036	$\frac{1}{66}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{65}{132}$	$\Phi_{3036}\ \Phi_{1012}\ \Phi_{276}\ \Phi_{132}^2\ \Phi_{92}\ \Phi_{44}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
116214	1608	396	$\frac{1}{66}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{65}{132}$	$\Phi_{396}^3\ \Phi_{198}^6\ \Phi_{132}^2\ \Phi_{99}^6\ \Phi_{66}^4\ \Phi_{44}^2\ \Phi_{36}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{18}^7\ \Phi_{12}^3\ \Phi_{11}^4\ \Phi_9^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
116215	1608	3036	$\frac{1}{66}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{65}{132}$	$\Phi_{3036}\ \Phi_{1012}\ \Phi_{276}\ \Phi_{132}^2\ \Phi_{92}\ \Phi_{44}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
116216	1608	4620	$\frac{1}{66}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{65}{132}$	$\Phi_{4620}\ \Phi_{1540}\ \Phi_{420}\ \Phi_{140}\ \Phi_{35}$
116217	1608	1170	$\frac{1}{45}$	$\frac{1}{13}$	$\frac{23}{90}$	$\frac{22}{45}$	$\Phi_{1170}^2\ \Phi_{585}\ \Phi_{390}^2\ \Phi_{234}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{117}\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}^2$
116218	1608	1173	$\frac{11}{391}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{190}{391}$	$\Phi_{1173}^2\ \Phi_{69}^3\ \Phi_{51}^2\ \Phi_3^2$
116219	1608	210	$\frac{1}{35}$	$\frac{3}{70}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{210}^{12}\ \Phi_{105}^{11}\ \Phi_{42}^{12}\ \Phi_{30}^{12}\ \Phi_{21}^{11}\ \Phi_{15}^{11}\ \Phi_6^{12}\ \Phi_3^{10}$
116220	1608	130	$\frac{2}{65}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{63}{130}$	$\Phi_{130}^{24}\ \Phi_{65}\ \Phi_{26}^{24}\ \Phi_{10}^{24}\ \Phi_2^{24}$
116221	1608	1085	$\frac{1}{31}$	$\frac{16}{217}$	$\frac{1}{5}$	$\frac{15}{31}$	$\Phi_{1085}^2\ \Phi_{155}\ \Phi_{35}^2$
116222	1608	1053	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{14}{81}$	$\frac{13}{27}$	$\Phi_{1053}^2\ \Phi_{351}\ \Phi_{117}\ \Phi_{39}$
116223	1608	69	$\frac{2}{69}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{69}^{23}\ \Phi_{23}^{24}\ \Phi_3^{22}\ \Phi_1^{24}$
116224	1608	2277	$\frac{1}{33}$	$\frac{1}{23}$	$\frac{32}{99}$	$\frac{11}{23}$	$\Phi_{2277}\ \Phi_{207}\ \Phi_{99}^2\ \Phi_{23}\ \Phi_9^2\ \Phi_1^2$
116225	1608	2024	$\frac{1}{23}$	$\frac{1}{22}$	$\frac{21}{88}$	$\frac{11}{23}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{184}\ \Phi_{92}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
116226	1608	1656	$\frac{1}{23}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{11}{23}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{184}\ \Phi_{92}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
116227	1608	1771	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{11}{23}$	$\Phi_{1771}\ \Phi_{161}\ \Phi_{77}^2\ \Phi_{23}\ \Phi_7^2\ \Phi_1^2$
116228	1608	1155	$\frac{1}{35}$	$\frac{17}{385}$	$\frac{1}{3}$	$\frac{184}{385}$	$\Phi_{1155}^2\ \Phi_{231}^2\ \Phi_{165}^2\ \Phi_{105}^3\ \Phi_{33}^2\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_3^2$
116229	1608	3200	$\frac{1}{25}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
116230	1608	1638	$\frac{4}{63}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{59}{126}$	$\Phi_{1638}^2\ \Phi_{546}^2\ \Phi_{234}^2\ \Phi_{182}^2\ \Phi_{117}\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{26}^2$
116231	1608	975	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{8}{75}$	$\frac{7}{15}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{195}\ \Phi_{65}\ \Phi_{39}$
116232	1608	1040	$\frac{7}{208}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{1040}^2\ \Phi_{520}^2\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{80}^2\ \Phi_{65}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
116233	1608	620	$\frac{1}{31}$	$\frac{5}{62}$	$\frac{1}{5}$	$\frac{57}{124}$	$\Phi_{620}^6\ \Phi_{155}\ \Phi_{20}^6$
116234	1608	2244	$\frac{1}{68}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{561}\ \Phi_{204}^2\ \Phi_{132}\ \Phi_{102}^2\ \Phi_{66}\ \Phi_{51}^2\ \Phi_{12}^2\ \Phi_6^2$
116235	1608	770	$\frac{3}{70}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}\ \Phi_{70}^4\ \Phi_{55}^2\ \Phi_{35}^4\ \Phi_{22}^2\ \Phi_{14}^4\ \Phi_{11}^2\ \Phi_{10}^4\ \Phi_7^2\ \Phi_5^4\ \Phi_2^4\ \Phi_1^4$
116236	1608	836	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{9}{76}$	$\frac{5}{11}$	$\Phi_{836}^2\ \Phi_{418}^2\ \Phi_{209}\ \Phi_{76}^4\ \Phi_{44}^2\ \Phi_{38}^4\ \Phi_{22}^2\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
116237	1608	936	$\frac{5}{72}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}^2$
116238	1608	1560	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{7}{60}$	$\frac{53}{120}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}^2\ \Phi_{195}\ \Phi_{104}^2\ \Phi_{65}\ \Phi_{39}$
116239	1608	1700	$\frac{1}{68}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{425}\ \Phi_{340}\ \Phi_{170}\ \Phi_{100}\ \Phi_{85}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
116240	1608	609	$\frac{2}{203}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{609}^4\ \Phi_{87}^4\ \Phi_{21}^3\ \Phi_3^2$
116241	1608	700	$\frac{1}{100}$	$\frac{1}{7}$	$\frac{33}{100}$	$\frac{3}{7}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{140}^2\ \Phi_{100}^4\ \Phi_{70}^2\ \Phi_{50}^4\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{14}^2\ \Phi_{10}^4\ \Phi_7^3\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
116242	1608	476	$\frac{1}{68}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{476}^3\ \Phi_{238}^3\ \Phi_{119}^3\ \Phi_{68}^6\ \Phi_{34}^6\ \Phi_{28}^2\ \Phi_{17}^6\ \Phi_{14}^2\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
116243	1608	1435	$\frac{4}{205}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1435}\ \Phi_{287}\ \Phi_{205}^2\ \Phi_{41}^2\ \Phi_7\ \Phi_1^2$
116244	1608	1750	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{49}{250}$	$\frac{3}{7}$	$\Phi_{1750}\ \Phi_{875}\ \Phi_{250}^2\ \Phi_{125}^2\ \Phi_7\ \Phi_1^2$
116245	1608	560	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{13}{80}$	$\frac{3}{7}$	$\Phi_{560}^3\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{112}^3\ \Phi_{80}^6\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^4\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^4\ \Phi_{16}^6\ \Phi_{14}^2\ \Phi_{10}^4\ \Phi_8^4\ \Phi_7^3\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
116246	1608	1456	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{208}^2\ \Phi_{182}\ \Phi_{112}\ \Phi_{104}^2\ \Phi_{91}\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_1^2$
116247	1608	525	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{525}^3\ \Phi_{175}^2\ \Phi_{105}^3\ \Phi_{75}^6\ \Phi_{35}^2\ \Phi_{25}^4\ \Phi_{21}^3\ \Phi_{15}^6\ \Phi_7^3\ \Phi_5^4\ \Phi_3^6\ \Phi_1^6$
116248	1608	70	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{70}^{23}\ \Phi_{35}^{23}\ \Phi_{14}^{23}\ \Phi_{10}^{22}\ \Phi_7^{24}\ \Phi_5^{22}\ \Phi_2^{22}\ \Phi_1^{24}$
116249	1608	1540	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}^2\ \Phi_{154}\ \Phi_{110}^2\ \Phi_{77}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_1^2$
116250	1608	1607	$\frac{17}{1607}$	$\frac{265}{1607}$	$\frac{468}{1607}$	$\frac{671}{1607}$	$\Phi_{1607}\ \Phi_1^2$
116251	1608	345	$\frac{1}{115}$	$\frac{19}{115}$	$\frac{1}{3}$	$\frac{48}{115}$	$\Phi_{345}^7\ \Phi_{69}^7\ \Phi_{15}^7\ \Phi_3^6$
116252	1608	1607	$\frac{14}{1607}$	$\frac{269}{1607}$	$\frac{531}{1607}$	$\frac{669}{1607}$	$\Phi_{1607}\ \Phi_1^2$
116253	1608	135	$\frac{1}{135}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{135}^{12}\ \Phi_{45}^{12}\ \Phi_{27}^{12}\ \Phi_{15}^{11}\ \Phi_9^{12}\ \Phi_5^{12}\ \Phi_3^{10}\ \Phi_1^{12}$
116254	1608	445	$\frac{1}{89}$	$\frac{1}{5}$	$\frac{22}{89}$	$\frac{2}{5}$	$\Phi_{445}^3\ \Phi_{89}^6\ \Phi_5^4\ \Phi_1^8$
116255	1608	340	$\frac{1}{68}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{340}^5\ \Phi_{170}^5\ \Phi_{85}^5\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{20}^5\ \Phi_{17}^4\ \Phi_{10}^5\ \Phi_4^4\ \Phi_2^4$
116256	1608	910	$\frac{3}{70}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{182}^2\ \Phi_{130}^2\ \Phi_{91}^2\ \Phi_{65}\ \Phi_{26}^2$
116257	1608	1755	$\frac{1}{135}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{117}\ \Phi_{65}\ \Phi_{39}$
116258	1608	1404	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{13}{54}$	$\frac{41}{108}$	$\Phi_{1404}^2\ \Phi_{468}^2\ \Phi_{351}\ \Phi_{156}^2\ \Phi_{117}\ \Phi_{52}^2\ \Phi_{39}$
116259	1608	1607	$\frac{19}{1607}$	$\frac{334}{1607}$	$\frac{397}{1607}$	$\frac{605}{1607}$	$\Phi_{1607}\ \Phi_1^2$
116260	1608	2148	$\frac{5}{537}$	$\frac{133}{537}$	$\frac{1}{4}$	$\frac{202}{537}$	$\Phi_{2148}\ \Phi_{1074}\ \Phi_{716}\ \Phi_{358}\ \Phi_{12}\ \Phi_6$
116261	1608	966	$\frac{1}{161}$	$\frac{40}{161}$	$\frac{1}{3}$	$\frac{121}{322}$	$\Phi_{966}^4\ \Phi_{483}\ \Phi_{138}^4\ \Phi_{69}\ \Phi_{42}^4\ \Phi_{21}\ \Phi_6^4$
116262	1608	1800	$\frac{1}{25}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
116263	1608	1607	$\frac{15}{1607}$	$\frac{398}{1607}$	$\frac{403}{1607}$	$\frac{602}{1607}$	$\Phi_{1607}\ \Phi_1^2$
116264	1608	1700	$\frac{1}{68}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{425}\ \Phi_{340}\ \Phi_{170}\ \Phi_{100}\ \Phi_{85}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
116265	1608	2550	$\frac{1}{25}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{2550}\ \Phi_{850}\ \Phi_{510}\ \Phi_{425}\ \Phi_{170}\ \Phi_{150}\ \Phi_{85}\ \Phi_{50}\ \Phi_{30}\ \Phi_{10}$
116266	1608	1607	$\frac{20}{1607}$	$\frac{267}{1607}$	$\frac{529}{1607}$	$\frac{539}{1607}$	$\Phi_{1607}\ \Phi_1^2$
116267	1608	2015	$\frac{4}{403}$	$\frac{1}{5}$	$\frac{133}{403}$	$\frac{135}{403}$	$\Phi_{2015}\ \Phi_{155}\ \Phi_{65}$
116268	1608	1607	$\frac{8}{1607}$	$\frac{533}{1607}$	$\frac{535}{1607}$	$\frac{537}{1607}$	$\Phi_{1607}\ \Phi_1^2$
116269	1608	2415	$\frac{4}{805}$	$\frac{267}{805}$	$\frac{1}{3}$	$\frac{269}{805}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{345}\ \Phi_{105}\ \Phi_{69}\ \Phi_{21}\ \Phi_{15}$
116270	1608	606	$\frac{1}{202}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{606}^3\ \Phi_{303}^3\ \Phi_{202}^2\ \Phi_{101}^2\ \Phi_6^3\ \Phi_2^2$
116271	1608	1203	$\frac{2}{401}$	$\frac{133}{401}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1203}\ \Phi_{401}^2\ \Phi_3^2\ \Phi_1^4$
116272	1608	540	$\frac{1}{135}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
116273	1608	1203	$\frac{5}{401}$	$\frac{66}{401}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1203}\ \Phi_{401}^2\ \Phi_3^2\ \Phi_1^4$
116274	1608	1428	$\frac{1}{68}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}^2\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
116275	1608	897	$\frac{2}{69}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{897}^2\ \Phi_{299}^2\ \Phi_{39}$
116276	1608	3204	$\frac{2}{267}$	$\frac{1}{4}$	$\frac{265}{801}$	$\frac{1}{3}$	$\Phi_{3204}\ \Phi_{1602}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
116277	1608	345	$\frac{1}{115}$	$\frac{77}{345}$	$\frac{38}{115}$	$\frac{1}{3}$	$\Phi_{345}^4\ \Phi_{115}^6\ \Phi_{69}^4\ \Phi_{23}^6\ \Phi_{15}^4\ \Phi_5^6\ \Phi_3^3\ \Phi_1^6$
116278	1608	300	$\frac{1}{100}$	$\frac{1}{5}$	$\frac{33}{100}$	$\frac{1}{3}$	$\Phi_{300}^8\ \Phi_{150}^8\ \Phi_{75}^8\ \Phi_{60}^8\ \Phi_{30}^8\ \Phi_{15}^9\ \Phi_{12}^8\ \Phi_6^8\ \Phi_3^8$
116279	1608	483	$\frac{2}{161}$	$\frac{27}{161}$	$\frac{53}{161}$	$\frac{1}{3}$	$\Phi_{483}^5\ \Phi_{69}^5\ \Phi_{21}^5\ \Phi_3^4$
116280	1608	399	$\frac{2}{133}$	$\frac{1}{7}$	$\frac{131}{399}$	$\frac{1}{3}$	$\Phi_{399}^3\ \Phi_{133}^6\ \Phi_{57}^3\ \Phi_{21}^4\ \Phi_{19}^6\ \Phi_7^6\ \Phi_3^3\ \Phi_1^6$
116281	1608	1287	$\frac{1}{33}$	$\frac{1}{13}$	$\frac{32}{99}$	$\frac{1}{3}$	$\Phi_{1287}^2\ \Phi_{117}^2\ \Phi_{39}$
116282	1608	1173	$\frac{1}{23}$	$\frac{22}{391}$	$\frac{123}{391}$	$\frac{1}{3}$	$\Phi_{1173}^2\ \Phi_{69}^3\ \Phi_{51}^2\ \Phi_3^2$
116283	1608	210	$\frac{3}{70}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{210}^{12}\ \Phi_{105}^{11}\ \Phi_{42}^{12}\ \Phi_{30}^{12}\ \Phi_{21}^{11}\ \Phi_{15}^{11}\ \Phi_6^{12}\ \Phi_3^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
116284	1608	69	$\frac{2}{69}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{69}^{23}\ \Phi_{23}^{24}\ \Phi_{3}^{22}\ \Phi_{1}^{24}$
116285	1608	1155	$\frac{1}{35}$	$\frac{34}{385}$	$\frac{117}{385}$	$\frac{1}{3}$	$\Phi_{1155}^{2}\ \Phi_{231}^{2}\ \Phi_{165}^{2}\ \Phi_{105}^{3}\ \Phi_{33}^{2}\ \Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{3}^{2}$
116286	1608	273	$\frac{5}{273}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{273}^{6}\ \Phi_{91}^{6}\ \Phi_{39}^{6}\ \Phi_{21}^{4}\ \Phi_{13}^{6}\ \Phi_{7}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
116287	1608	2244	$\frac{1}{68}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{561}\ \Phi_{204}^{2}\ \Phi_{132}\ \Phi_{102}^{2}\ \Phi_{66}\ \Phi_{51}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
116288	1608	2415	$\frac{9}{805}$	$\frac{199}{805}$	$\frac{202}{805}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{345}\ \Phi_{105}\ \Phi_{69}\ \Phi_{21}\ \Phi_{15}$
116289	1608	1068	$\frac{1}{89}$	$\frac{22}{89}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1068}^{3}\ \Phi_{534}^{3}\ \Phi_{12}^{4}\ \Phi_{6}^{4}$
116290	1608	1020	$\frac{1}{68}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^{3}\ \Phi_{510}^{3}\ \Phi_{255}^{3}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{3}$
116291	1608	828	$\frac{2}{69}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{828}^{3}\ \Phi_{414}^{3}\ \Phi_{276}^{2}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
116292	1608	798	$\frac{3}{133}$	$\frac{1}{7}$	$\frac{65}{266}$	$\frac{1}{3}$	$\Phi_{798}^{4}\ \Phi_{399}^{2}\ \Phi_{114}^{4}\ \Phi_{57}^{2}\ \Phi_{42}^{4}\ \Phi_{21}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{2}$
116293	1608	690	$\frac{3}{115}$	$\frac{29}{230}$	$\frac{28}{115}$	$\frac{1}{3}$	$\Phi_{690}^{4}\ \Phi_{345}^{3}\ \Phi_{138}^{4}\ \Phi_{69}^{3}\ \Phi_{30}^{4}\ \Phi_{15}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{2}$
116294	1608	3432	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{21}{88}$	$\frac{1}{3}$	$\Phi_{3432}\ \Phi_{1716}\ \Phi_{312}\ \Phi_{156}\ \Phi_{39}$
116295	1608	69	$\frac{2}{69}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{69}^{23}\ \Phi_{23}^{24}\ \Phi_{3}^{22}\ \Phi_{1}^{24}$
116296	1608	615	$\frac{4}{205}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{615}^{4}\ \Phi_{123}^{4}\ \Phi_{15}$
116297	1608	750	$\frac{1}{50}$	$\frac{49}{250}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{750}^{4}\ \Phi_{375}^{4}\ \Phi_{15}$
116298	1608	240	$\frac{1}{40}$	$\frac{13}{80}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{240}^{12}\ \Phi_{120}^{8}\ \Phi_{60}^{8}\ \Phi_{48}^{12}\ \Phi_{30}^{8}\ \Phi_{24}^{8}\ \Phi_{15}^{9}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{8}$
116299	1608	825	$\frac{7}{275}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{825}^{3}\ \Phi_{165}^{3}\ \Phi_{75}^{2}\ \Phi_{33}^{3}\ \Phi_{15}^{3}\ \Phi_{3}^{2}$
116300	1608	2415	$\frac{2}{69}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{805}\ \Phi_{35}$
116301	1608	3120	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{240}\ \Phi_{195}\ \Phi_{15}$
116302	1608	75	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{75}^{20}\ \Phi_{25}^{24}\ \Phi_{15}^{21}\ \Phi_{5}^{24}\ \Phi_{3}^{20}\ \Phi_{1}^{24}$
116303	1608	210	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^{12}\ \Phi_{105}^{12}\ \Phi_{42}^{12}\ \Phi_{30}^{8}\ \Phi_{21}^{12}\ \Phi_{15}^{9}\ \Phi_{6}^{8}\ \Phi_{3}^{8}$
116304	1608	660	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{660}^{4}\ \Phi_{330}^{4}\ \Phi_{165}^{4}\ \Phi_{132}^{4}\ \Phi_{66}^{4}\ \Phi_{33}^{4}\ \Phi_{15}$
116305	1608	1275	$\frac{23}{425}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1275}^{2}\ \Phi_{255}^{2}\ \Phi_{51}^{2}\ \Phi_{15}$
116306	1608	2145	$\frac{2}{33}$	$\frac{1}{13}$	$\frac{31}{165}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{195}\ \Phi_{65}\ \Phi_{39}$
116307	1608	483	$\frac{5}{161}$	$\frac{26}{161}$	$\frac{27}{161}$	$\frac{1}{3}$	$\Phi_{483}^{5}\ \Phi_{69}^{5}\ \Phi_{21}^{5}\ \Phi_{3}^{4}$
116308	1608	936	$\frac{5}{72}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{312}^{2}\ \Phi_{234}^{2}\ \Phi_{156}^{2}\ \Phi_{117}^{2}\ \Phi_{104}^{2}\ \Phi_{52}^{2}\ \Phi_{39}$
116309	1608	210	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{210}^{12}\ \Phi_{105}^{12}\ \Phi_{42}^{12}\ \Phi_{30}^{12}\ \Phi_{21}^{7}\ \Phi_{15}^{12}\ \Phi_{6}^{12}\ \Phi_{3}^{6}$
116310	1608	2793	$\frac{6}{133}$	$\frac{127}{931}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2793}\ \Phi_{147}\ \Phi_{21}$
116311	1608	1596	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1596}^{2}\ \Phi_{798}^{2}\ \Phi_{399}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{21}^{2}$
116312	1608	3003	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{3}$	$\Phi_{3003}\ \Phi_{273}\ \Phi_{39}$
116313	1608	2277	$\frac{1}{33}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{32}{99}$	$\Phi_{2277}\ \Phi_{207}\ \Phi_{99}^{2}\ \Phi_{23}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
116314	1608	396	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{32}{99}$	$\Phi_{396}^{5}\ \Phi_{198}^{5}\ \Phi_{132}^{6}\ \Phi_{66}^{6}\ \Phi_{44}^{6}\ \Phi_{36}^{6}\ \Phi_{22}^{6}\ \Phi_{18}^{6}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
116315	1608	2277	$\frac{1}{33}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{32}{99}$	$\Phi_{2277}\ \Phi_{207}\ \Phi_{99}^{2}\ \Phi_{23}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
116316	1608	3465	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{32}{99}$	$\Phi_{3465}\ \Phi_{315}\ \Phi_{35}$
116317	1608	155	$\frac{1}{31}$	$\frac{21}{155}$	$\frac{1}{5}$	$\frac{10}{31}$	$\Phi_{155}^{10}\ \Phi_{31}^{12}\ \Phi_{5}^{9}\ \Phi_{1}^{12}$
116318	1608	195	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{61}{195}$	$\Phi_{195}^{12}\ \Phi_{65}\ \Phi_{39}^{12}\ \Phi_{15}^{12}\ \Phi_{3}^{12}$
116319	1608	715	$\frac{9}{143}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{715}^{3}\ \Phi_{65}\ \Phi_{55}^{3}$
116320	1608	2024	$\frac{1}{22}$	$\frac{2}{23}$	$\frac{21}{88}$	$\frac{7}{23}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{184}\ \Phi_{92}\ \Phi_{88}^{2}\ \Phi_{44}^{2}\ \Phi_{23}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
116321	1608	1656	$\frac{5}{72}$	$\frac{2}{23}$	$\frac{1}{6}$	$\frac{7}{23}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{184}\ \Phi_{92}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}$ $\Phi_{23}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
116322	1608	1771	$\frac{2}{23}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{7}{23}$	$\Phi_{1771}\ \Phi_{161}\ \Phi_{77}^{2}\ \Phi_{23}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
116323	1608	2400	$\frac{1}{25}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
116324	1608	2457	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{189}$	$\Phi_{2457}\ \Phi_{351}\ \Phi_{117}\ \Phi_{39}$
116325	1608	465	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{1}{5}$	$\frac{26}{93}$	$\Phi_{465}^6\ \Phi_{155}\ \Phi_{15}^6$
116326	1608	770	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}\ \Phi_{70}^4\ \Phi_{55}^2\ \Phi_{35}^4\ \Phi_{22}^2\ \Phi_{14}^4\ \Phi_{11}^2\ \Phi_{10}^4\ \Phi_7^2\ \Phi_5^4\ \Phi_2^4\ \Phi_1^4$
116327	1608	836	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{836}^2\ \Phi_{418}^2\ \Phi_{209}\ \Phi_{76}^4\ \Phi_{44}^2\ \Phi_{38}^4\ \Phi_{22}^2\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
116328	1608	1170	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{7}{30}$	$\frac{23}{90}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{234}^2\ \Phi_{195}\ \Phi_{117}^2\ \Phi_{65}\ \Phi_{39}$
116329	1608	792	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{21}{88}$	$\frac{1}{4}$	$\Phi_{792}^3\ \Phi_{396}\ \Phi_{264}^3\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{99}^2\ \Phi_{72}^3\ \Phi_{66}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
116330	1608	140	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^{15}\ \Phi_{70}^7\ \Phi_{35}^8\ \Phi_{28}^{16}\ \Phi_{20}^{16}\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_7^8\ \Phi_5^8\ \Phi_4^{16}\ \Phi_2^8\ \Phi_1^8$
116331	1608	380	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{380}^5\ \Phi_{190}^5\ \Phi_{95}^6\ \Phi_{20}^6\ \Phi_{10}^6\ \Phi_5^6$
116332	1608	400	$\frac{1}{25}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{400}^4\ \Phi_{200}^4\ \Phi_{100}^5\ \Phi_{80}^3\ \Phi_{50}^5\ \Phi_{40}^3\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
116333	1608	72	$\frac{5}{72}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{72}^{24}\ \Phi_{36}^{19}\ \Phi_{24}^{24}\ \Phi_{18}^{22}\ \Phi_{12}^{21}\ \Phi_9^{21}\ \Phi_8^{24}\ \Phi_6^{23}\ \Phi_4^{20}\ \Phi_3^{22}\ \Phi_2^{22}\ \Phi_1^{22}$
116334	1608	2772	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{10}{77}$	$\frac{1}{4}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{462}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
116335	1608	1240	$\frac{1}{31}$	$\frac{47}{248}$	$\frac{1}{5}$	$\frac{15}{62}$	$\Phi_{1240}^2\ \Phi_{620}^2\ \Phi_{155}\ \Phi_{40}^2\ \Phi_{20}^2$
116336	1608	2024	$\frac{1}{22}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{21}{88}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{184}\ \Phi_{92}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
116337	1608	3080	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{21}{88}$	$\Phi_{3080}\ \Phi_{1540}\ \Phi_{280}\ \Phi_{140}\ \Phi_{35}$
116338	1608	260	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{5}$	$\frac{59}{260}$	$\Phi_{260}^8\ \Phi_{130}^8\ \Phi_{65}\ \Phi_{52}^8\ \Phi_{26}^8\ \Phi_{20}^8\ \Phi_{10}^8\ \Phi_4^8\ \Phi_2^8$
116339	1608	1656	$\frac{5}{72}$	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{5}{23}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{184}\ \Phi_{92}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
116340	1608	1771	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{3}{23}$	$\frac{5}{23}$	$\Phi_{1771}\ \Phi_{161}\ \Phi_{77}^2\ \Phi_{23}\ \Phi_7^2\ \Phi_1^2$
116341	1608	455	$\frac{1}{13}$	$\frac{53}{455}$	$\frac{12}{65}$	$\frac{1}{5}$	$\Phi_{455}^4\ \Phi_{91}^4\ \Phi_{65}\ \Phi_{35}^4\ \Phi_7^4$
116342	1608	2520	$\frac{5}{72}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{280}\ \Phi_{140}\ \Phi_{35}$
116343	1608	390	$\frac{1}{13}$	$\frac{11}{78}$	$\frac{2}{13}$	$\frac{1}{5}$	$\Phi_{390}^6\ \Phi_{195}^6\ \Phi_{130}^6\ \Phi_{65}\ \Phi_{30}^6\ \Phi_{15}^6\ \Phi_{10}^6$
116344	1608	385	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{385}^5\ \Phi_{55}^6\ \Phi_{35}^6\ \Phi_5^6$
116345	1609	2148	$\frac{2}{537}$	$\frac{539}{2148}$	$\frac{1}{3}$	$\frac{535}{1074}$	$\Phi_{2148}\ \Phi_{716}\ \Phi_{537}\ \Phi_{179}\ \Phi_{12}\ \Phi_4\ \Phi_1$
116346	1609	3204	$\frac{7}{1602}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1595}{3204}$	$\Phi_{3204}\ \Phi_{1068}\ \Phi_{356}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
116347	1609	3200	$\frac{9}{1600}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1591}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{128}\ \Phi_{16}\ \Phi_1$
116348	1609	3168	$\frac{25}{1584}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{1559}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
116349	1609	3168	$\frac{25}{1584}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1559}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{96}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
116350	1609	2160	$\frac{11}{540}$	$\frac{1}{12}$	$\frac{551}{2160}$	$\frac{529}{1080}$	$\Phi_{2160}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{54}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
116351	1609	1736	$\frac{3}{124}$	$\frac{127}{1736}$	$\frac{1}{4}$	$\frac{121}{248}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{434}\ \Phi_{217}\ \Phi_{124}\ \Phi_{62}\ \Phi_{56}\ \Phi_{31}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
116352	1609	3120	$\frac{49}{1560}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{1511}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{80}\ \Phi_{52}\ \Phi_{48}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
116353	1609	3120	$\frac{49}{1560}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1511}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
116354	1609	1944	$\frac{11}{324}$	$\frac{1}{12}$	$\frac{335}{1944}$	$\frac{313}{648}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
116355	1609	2112	$\frac{1}{24}$	$\frac{25}{528}$	$\frac{503}{2112}$	$\frac{23}{48}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
116356	1609	1728	$\frac{1}{24}$	$\frac{119}{1728}$	$\frac{25}{144}$	$\frac{23}{48}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
116357	1609	3072	$\frac{1}{24}$	$\frac{73}{1536}$	$\frac{23}{96}$	$\frac{1463}{3072}$	Φ_{3072} Φ_{1024} Φ_{96} Φ_{48} Φ_{32} Φ_{16} Φ_1
116358	1609	1664	$\frac{55}{1664}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{104}$	Φ_{1664} Φ_{832} Φ_{416} Φ_{208} Φ_{128} Φ_{64} Φ_{52} Φ_{32} Φ_{26} Φ_{16} Φ_{13} Φ_1
116359	1609	1800	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{191}{1800}$	$\frac{169}{360}$	Φ_{1800} Φ_{900} Φ_{600} Φ_{450} Φ_{300} Φ_{225} Φ_{200} Φ_{180} Φ_{150} Φ_{100} Φ_{90} Φ_{75} Φ_{60} Φ_{50} Φ_{45} Φ_{36} Φ_{30} Φ_{25} Φ_{20} Φ_{18} Φ_{15} Φ_{10} Φ_9 Φ_5 Φ_1
116360	1609	3024	$\frac{97}{1512}$	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1415}{3024}$	Φ_{3024} Φ_{1008} Φ_{432} Φ_{336} Φ_{144} Φ_{112} Φ_{108} Φ_{54} Φ_{48} Φ_{36} Φ_{27} Φ_{18} Φ_{16} Φ_9 Φ_1
116361	1609	2976	$\frac{3}{124}$	$\frac{121}{1488}$	$\frac{1}{4}$	$\frac{1367}{2976}$	Φ_{2976} Φ_{992} Φ_{124} Φ_{96} Φ_{62} Φ_{32} Φ_{31} Φ_1
116362	1609	1728	$\frac{119}{1728}$	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{216}$	Φ_{1728} Φ_{864} Φ_{576} Φ_{432} Φ_{288} Φ_{192} Φ_{144} Φ_{108} Φ_{96} Φ_{64} Φ_{54} Φ_{48} Φ_{36} Φ_{32} Φ_{27} Φ_{18} Φ_{16} Φ_9 Φ_1
116363	1609	2880	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{169}{1440}$	$\frac{1271}{2880}$	Φ_{2880} Φ_{960} Φ_{576} Φ_{320} Φ_{192} Φ_{180} Φ_{90} Φ_{64} Φ_{60} Φ_{45} Φ_{36} Φ_{30} Φ_{20} Φ_{18} Φ_{15} Φ_{10} Φ_9 Φ_5 Φ_1
116364	1609	2400	$\frac{9}{800}$	$\frac{1}{8}$	$\frac{791}{2400}$	$\frac{7}{16}$	Φ_{2400} Φ_{1200} Φ_{600} Φ_{480} Φ_{300} Φ_{240} Φ_{150} Φ_{120} Φ_{96} Φ_{75} Φ_{60} Φ_{48} Φ_{30} Φ_{24} Φ_{16} Φ_{15} Φ_{12} Φ_6 Φ_3 Φ_1
116365	1609	1632	$\frac{23}{1632}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	Φ_{1632} Φ_{816} Φ_{544} Φ_{408} Φ_{272} Φ_{204} Φ_{136} Φ_{102} Φ_{96} Φ_{68} Φ_{51} Φ_{48} Φ_{34} Φ_{24} Φ_{17} Φ_{16} Φ_{12} Φ_6 Φ_3 Φ_1
116366	1609	2000	$\frac{9}{400}$	$\frac{1}{8}$	$\frac{391}{2000}$	$\frac{7}{16}$	Φ_{2000} Φ_{1000} Φ_{500} Φ_{250} Φ_{125} Φ_{16} Φ_1
116367	1609	1920	$\frac{9}{320}$	$\frac{1}{8}$	$\frac{311}{1920}$	$\frac{7}{16}$	Φ_{1920} Φ_{960} Φ_{640} Φ_{480} Φ_{384} Φ_{240} Φ_{192} Φ_{128} Φ_{120} Φ_{96} Φ_{60} Φ_{48} Φ_{30} Φ_{24} Φ_{16} Φ_{15} Φ_{12} Φ_6 Φ_3 Φ_1
116368	1609	1664	$\frac{55}{1664}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	Φ_{1664} Φ_{832} Φ_{416} Φ_{208} Φ_{128} Φ_{104} Φ_{52} Φ_{26} Φ_{16} Φ_{13} Φ_1
116369	1609	1680	$\frac{71}{1680}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	Φ_{1680} Φ_{840} Φ_{560} Φ_{420} Φ_{336} Φ_{280} Φ_{240} Φ_{210} Φ_{168} Φ_{140} Φ_{120} Φ_{112} Φ_{105} Φ_{84} Φ_{70} Φ_{60} Φ_{56} Φ_{48} Φ_{42} Φ_{35} Φ_{30} Φ_{28} Φ_{24} Φ_{21} Φ_{16} Φ_{15} Φ_{14} Φ_{12} Φ_7 Φ_6 Φ_3 Φ_1
116370	1609	1760	$\frac{9}{160}$	$\frac{151}{1760}$	$\frac{1}{8}$	$\frac{7}{16}$	Φ_{1760} Φ_{880} Φ_{440} Φ_{352} Φ_{220} Φ_{176} Φ_{110} Φ_{88} Φ_{55} Φ_{44} Φ_{22} Φ_{16} Φ_{11} Φ_1
116371	1609	1680	$\frac{71}{1680}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{120}$	Φ_{1680} Φ_{840} Φ_{560} Φ_{420} Φ_{336} Φ_{280} Φ_{240} Φ_{210} Φ_{168} Φ_{140} Φ_{112} Φ_{105} Φ_{84} Φ_{80} Φ_{70} Φ_{60} Φ_{56} Φ_{48} Φ_{42} Φ_{35} Φ_{30} Φ_{28} Φ_{21} Φ_{20} Φ_{16} Φ_{15} Φ_{14} Φ_{10} Φ_7 Φ_5 Φ_1
116372	1609	2010	$\frac{1}{67}$	$\frac{66}{335}$	$\frac{401}{2010}$	$\frac{269}{670}$	Φ_{2010} Φ_{1005} Φ_{402} Φ_{335} Φ_{201} Φ_{30} Φ_{15} Φ_6 Φ_5 Φ_3 Φ_1
116373	1609	2680	$\frac{1}{67}$	$\frac{66}{335}$	$\frac{269}{1340}$	$\frac{1071}{2680}$	Φ_{2680} Φ_{536} Φ_{335} Φ_{40} Φ_8 Φ_5 Φ_1
116374	1609	1620	$\frac{11}{1620}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	Φ_{1620} Φ_{810} Φ_{540} Φ_{405} Φ_{324} Φ_{270} Φ_{180} Φ_{162} Φ_{135} Φ_{108} Φ_{90} Φ_{81} Φ_{60} Φ_{54} Φ_{45} Φ_{36} Φ_{30} Φ_{27} Φ_{20} Φ_{15} Φ_{12} Φ_{10} Φ_9 Φ_5 Φ_4 Φ_1
116375	1609	1728	$\frac{1}{24}$	$\frac{119}{1728}$	$\frac{23}{96}$	$\frac{73}{192}$	Φ_{1728} Φ_{864} Φ_{576} Φ_{432} Φ_{288} Φ_{216} Φ_{144} Φ_{108} Φ_{96} Φ_{72} Φ_{54} Φ_{48} Φ_{36} Φ_{32} Φ_{27} Φ_{18} Φ_{16} Φ_9 Φ_1
116376	1609	2592	$\frac{11}{324}$	$\frac{1}{12}$	$\frac{313}{1296}$	$\frac{983}{2592}$	Φ_{2592} Φ_{864} Φ_{324} Φ_{288} Φ_{162} Φ_{108} Φ_{96} Φ_{81} Φ_{54} Φ_{36} Φ_{32} Φ_{27} Φ_{18} Φ_9 Φ_1
116377	1609	1656	$\frac{47}{1656}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	Φ_{1656} Φ_{828} Φ_{552} Φ_{414} Φ_{276} Φ_{207} Φ_{184} Φ_{138} Φ_{92} Φ_{69} Φ_{46} Φ_{36} Φ_{23} Φ_{18} Φ_9 Φ_1
116378	1609	2448	$\frac{1}{24}$	$\frac{23}{408}$	$\frac{385}{1224}$	$\frac{839}{2448}$	Φ_{2448} Φ_{816} Φ_{408} Φ_{272} Φ_{204} Φ_{144} Φ_{136} Φ_{102} Φ_{68} Φ_{51} Φ_{48} Φ_{34} Φ_{17} Φ_{16} Φ_1
116379	1609	2412	$\frac{1}{201}$	$\frac{200}{603}$	$\frac{803}{2412}$	$\frac{403}{1206}$	Φ_{2412} Φ_{804} Φ_{603} Φ_{268} Φ_{36} Φ_{12} Φ_9 Φ_4 Φ_1
116380	1609	2403	$\frac{7}{801}$	$\frac{2}{9}$	$\frac{794}{2403}$	$\frac{1}{3}$	Φ_{2403} Φ_{27} Φ_9 Φ_1
116381	1609	1860	$\frac{3}{124}$	$\frac{251}{1860}$	$\frac{1}{4}$	$\frac{121}{372}$	Φ_{1860} Φ_{930} Φ_{620} Φ_{465} Φ_{310} Φ_{155} Φ_{124} Φ_{62} Φ_{60} Φ_{31} Φ_{30} Φ_{20} Φ_{15} Φ_{10} Φ_5 Φ_1
116382	1609	2376	$\frac{25}{792}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{767}{2376}$	Φ_{2376} Φ_{1188} Φ_{594} Φ_{297} Φ_{216} Φ_{108} Φ_{54} Φ_{36} Φ_{27} Φ_{18} Φ_9 Φ_1
116383	1609	1716	$\frac{3}{52}$	$\frac{107}{1716}$	$\frac{1}{4}$	$\frac{49}{156}$	Φ_{1716} Φ_{858} Φ_{572} Φ_{429} Φ_{286} Φ_{143} Φ_{132} Φ_{66} Φ_{52} Φ_{44} Φ_{33} Φ_{26} Φ_{22} Φ_{13} Φ_{11} Φ_1
116384	1609	2340	$\frac{3}{52}$	$\frac{49}{780}$	$\frac{1}{4}$	$\frac{731}{2340}$	Φ_{2340} Φ_{1170} Φ_{585} Φ_{468} Φ_{234} Φ_{180} Φ_{117} Φ_{90} Φ_{52} Φ_{45} Φ_{36} Φ_{26} Φ_{18} Φ_{13} Φ_9 Φ_1
116385	1609	2340	$\frac{49}{780}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{731}{2340}$	Φ_{2340} Φ_{1170} Φ_{585} Φ_{468} Φ_{234} Φ_{180} Φ_{117} Φ_{90} Φ_{60} Φ_{45} Φ_{36} Φ_{30} Φ_{20} Φ_{18} Φ_{15} Φ_{10} Φ_9 Φ_5 Φ_1

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
116386	1609	1980	$\frac{25}{396}$	$\frac{1}{12}$	$\frac{371}{1980}$	$\frac{11}{36}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
116387	1609	1728	$\frac{119}{1728}$	$\frac{1}{12}$	$\frac{25}{144}$	$\frac{11}{36}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
116388	1609	2304	$\frac{1}{24}$	$\frac{73}{768}$	$\frac{23}{96}$	$\frac{695}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
116389	1609	2268	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{756}$	$\frac{659}{2268}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
116390	1609	2232	$\frac{3}{124}$	$\frac{121}{744}$	$\frac{1}{4}$	$\frac{623}{2232}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{558}\ \Phi_{279}\ \Phi_{124}\ \Phi_{72}\ \Phi_{62}\ \Phi_{36}\ \Phi_{31}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
116391	1609	2160	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{169}{720}$	$\frac{551}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
116392	1609	1984	$\frac{3}{124}$	$\frac{375}{1984}$	$\frac{121}{496}$	$\frac{1}{4}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{124}\ \Phi_{64}\ \Phi_{62}\ \Phi_{32}\ \Phi_{31}\ \Phi_{1}$
116393	1609	2080	$\frac{3}{52}$	$\frac{49}{520}$	$\frac{471}{2080}$	$\frac{1}{4}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{416}\ \Phi_{208}\ \Phi_{160}\ \Phi_{80}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
116394	1609	1820	$\frac{3}{52}$	$\frac{211}{1820}$	$\frac{49}{260}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{182}\ \Phi_{140}\ \Phi_{91}\ \Phi_{70}\ \Phi_{52}\ \Phi_{35}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}$
116395	1609	1872	$\frac{3}{52}$	$\frac{263}{1872}$	$\frac{49}{312}$	$\frac{1}{4}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{16}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
116396	1609	1920	$\frac{1}{24}$	$\frac{311}{1920}$	$\frac{73}{384}$	$\frac{23}{96}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
116397	1610	2568	$\frac{1}{321}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{160}{321}$	$\Phi_{2568}\ \Phi_{856}\ \Phi_{321}\ \Phi_{107}\ \Phi_{24}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
116398	1610	2748	$\frac{1}{229}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{114}{229}$	$\Phi_{2748}\ \Phi_{916}\ \Phi_{229}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
116399	1610	2061	$\frac{1}{229}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{114}{229}$	$\Phi_{2061}\ \Phi_{229}\ \Phi_{9}^2\ \Phi_{1}^2$
116400	1610	2880	$\frac{1}{160}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{159}{320}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}^2\ \Phi_{192}\ \Phi_{64}^2\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
116401	1610	960	$\frac{1}{160}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{159}{320}$	$\Phi_{960}^3\ \Phi_{320}^4\ \Phi_{192}^3\ \Phi_{64}^4\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
116402	1610	2964	$\frac{1}{114}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{113}{228}$	$\Phi_{2964}\ \Phi_{988}\ \Phi_{228}^2\ \Phi_{156}\ \Phi_{76}^2\ \Phi_{52}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
116403	1610	456	$\frac{1}{114}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{113}{228}$	$\Phi_{456}^4\ \Phi_{228}^2\ \Phi_{152}^4\ \Phi_{114}^4\ \Phi_{76}^2\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{24}^5\ \Phi_{19}^4\ \Phi_{12}^3\ \Phi_{8}^4\ \Phi_{6}^5\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
116404	1610	3498	$\frac{2}{159}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{157}{318}$	$\Phi_{3498}\ \Phi_{1166}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
116405	1610	616	$\frac{1}{77}$	$\frac{1}{8}$	$\frac{39}{154}$	$\frac{38}{77}$	$\Phi_{616}^3\ \Phi_{308}^3\ \Phi_{154}\ \Phi_{88}^3\ \Phi_{77}^2\ \Phi_{56}^3\ \Phi_{44}^3\ \Phi_{28}^3\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}^2\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{1}^2$
116406	1610	3036	$\frac{1}{69}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{34}{69}$	$\Phi_{3036}\ \Phi_{1012}\ \Phi_{276}\ \Phi_{132}\ \Phi_{92}\ \Phi_{69}\ \Phi_{44}^2\ \Phi_{23}\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
116407	1610	759	$\frac{1}{69}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{34}{69}$	$\Phi_{759}^2\ \Phi_{253}^2\ \Phi_{69}^3\ \Phi_{33}^3\ \Phi_{23}^3\ \Phi_{11}^2\ \Phi_{3}^4\ \Phi_{1}^4$
116408	1610	4758	$\frac{12}{793}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{781}{1586}$	$\Phi_{4758}\ \Phi_{366}\ \Phi_{78}\ \Phi_{39}\ \Phi_{6}$
116409	1610	372	$\frac{1}{62}$	$\frac{9}{124}$	$\frac{1}{3}$	$\frac{61}{124}$	$\Phi_{372}^6\ \Phi_{186}^7\ \Phi_{93}^7\ \Phi_{12}^6\ \Phi_{6}^7\ \Phi_{3}^6$
116410	1610	2376	$\frac{1}{54}$	$\frac{1}{11}$	$\frac{55}{216}$	$\frac{53}{108}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{594}\ \Phi_{297}\ \Phi_{264}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
116411	1610	3060	$\frac{1}{45}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{22}{45}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{204}\ \Phi_{180}\ \Phi_{68}^2\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
116412	1610	765	$\frac{1}{45}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{22}{45}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^2\ \Phi_{85}^2\ \Phi_{51}^3\ \Phi_{45}^3\ \Phi_{17}^2\ \Phi_{15}^3\ \Phi_{9}^3\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{1}^4$
116413	1610	765	$\frac{1}{45}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{22}{45}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^2\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{45}^3\ \Phi_{17}^4\ \Phi_{15}^3\ \Phi_{9}^3\ \Phi_{5}^3\ \Phi_{3}^3\ \Phi_{1}^6$
116414	1610	360	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{22}{45}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^2\ \Phi_{72}^5\ \Phi_{60}^5\ \Phi_{45}^3\ \Phi_{40}^5\ \Phi_{36}^5\ \Phi_{30}^2\ \Phi_{24}^7\ \Phi_{20}^5\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^7\ \Phi_{10}^2\ \Phi_{9}^3\ \Phi_{8}^6\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{4}^6\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
116415	1610	3360	$\frac{3}{112}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{109}{224}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
116416	1610	224	$\frac{3}{112}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{109}{224}$	$\Phi_{224}^{14}\ \Phi_{56}\ \Phi_{32}^{14}\ \Phi_{28}\ \Phi_{14}$
116417	1610	408	$\frac{1}{34}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{408}^4\ \Phi_{204}^3\ \Phi_{136}^4\ \Phi_{102}^4\ \Phi_{68}^4\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{24}^6\ \Phi_{17}^4\ \Phi_{12}^5\ \Phi_{8}^6\ \Phi_{6}^6\ \Phi_{4}^6\ \Phi_{3}^5\ \Phi_{2}^6\ \Phi_{1}^6$
116418	1610	1020	$\frac{1}{34}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{33}{68}$	$\Phi_{1020}^3\ \Phi_{340}^3\ \Phi_{204}^3\ \Phi_{68}^4\ \Phi_{60}^3\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
116419	1610	1700	$\frac{1}{34}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{33}{68}$	$\Phi_{1700}^2\ \Phi_{340}\ \Phi_{100}^2\ \Phi_{68}^2\ \Phi_{25}^2\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
116420	1610	1836	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{33}{68}$	$\Phi_{1836}^2\ \Phi_{612}\ \Phi_{204}\ \Phi_{108}^2\ \Phi_{68}^2\ \Phi_{36}\ \Phi_{27}^2\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
116421	1610	264	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{17}{132}$	$\frac{16}{33}$	$\Phi_{264}^7\ \Phi_{132}^5\ \Phi_{88}^7\ \Phi_{66}^5\ \Phi_{44}^5\ \Phi_{33}^6\ \Phi_{24}^7\ \Phi_{22}^5\ \Phi_{12}^5\ \Phi_{11}^6\ \Phi_8^6\ \Phi_6^5\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
116422	1610	312	$\frac{5}{156}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{151}{312}$	$\Phi_{312}^{10}\ \Phi_{104}^{10}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}^{10}\ \Phi_8^{10}\ \Phi_6$
116423	1610	3432	$\frac{5}{156}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{151}{312}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{264}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
116424	1610	1609	$\frac{57}{1609}$	$\frac{119}{1609}$	$\frac{298}{1609}$	$\frac{776}{1609}$	$\Phi_{1609}\ \Phi_1^2$
116425	1610	1609	$\frac{61}{1609}$	$\frac{167}{1609}$	$\frac{206}{1609}$	$\frac{774}{1609}$	$\Phi_{1609}\ \Phi_1^2$
116426	1610	2496	$\frac{27}{832}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{192}\ \Phi_{96}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_6$
116427	1610	930	$\frac{1}{31}$	$\frac{6}{155}$	$\frac{1}{3}$	$\frac{149}{310}$	$\Phi_{930}^5\ \Phi_{186}^5\ \Phi_{93}\ \Phi_{30}^5\ \Phi_6^5$
116428	1610	616	$\frac{3}{77}$	$\frac{8}{77}$	$\frac{1}{8}$	$\frac{37}{77}$	$\Phi_{616}^3\ \Phi_{308}^3\ \Phi_{154}^3\ \Phi_{88}^3\ \Phi_{56}^3\ \Phi_{44}^3\ \Phi_{28}^3\ \Phi_{22}^3\ \Phi_{14}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
116429	1610	1938	$\frac{13}{323}$	$\frac{24}{323}$	$\frac{1}{6}$	$\frac{155}{323}$	$\Phi_{1938}\ \Phi_{969}\ \Phi_{646}\ \Phi_{114}\ \Phi_{102}\ \Phi_{57}\ \Phi_{51}\ \Phi_{38}\ \Phi_{34}$
116430	1610	396	$\frac{1}{36}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^3\ \Phi_{99}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{36}^6\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{18}^6\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_9^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
116431	1610	1012	$\frac{1}{23}$	$\frac{1}{22}$	$\frac{11}{46}$	$\frac{21}{44}$	$\Phi_{1012}^3\ \Phi_{92}^3\ \Phi_{46}^2\ \Phi_{44}^4\ \Phi_{23}\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
116432	1610	3036	$\frac{1}{22}$	$\frac{4}{69}$	$\frac{13}{69}$	$\frac{21}{44}$	$\Phi_{3036}\ \Phi_{1012}\ \Phi_{276}\ \Phi_{132}\ \Phi_{92}\ \Phi_{69}\ \Phi_{44}^2\ \Phi_{23}\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
116433	1610	660	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{21}{44}$	$\Phi_{660}^5\ \Phi_{220}^5\ \Phi_{132}^3\ \Phi_{60}^5\ \Phi_{44}^4\ \Phi_{30}^3\ \Phi_{20}^5\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
116434	1610	1012	$\frac{1}{22}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{21}{44}$	$\Phi_{1012}^3\ \Phi_{92}^3\ \Phi_{44}^4\ \Phi_{23}^3\ \Phi_4^4\ \Phi_1^4$
116435	1610	88	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{21}{44}$	$\Phi_{88}^{21}\ \Phi_{44}^{11}\ \Phi_{22}^{21}\ \Phi_{11}^{20}\ \Phi_8^{20}\ \Phi_4^{10}\ \Phi_2^{20}\ \Phi_1^{20}$
116436	1610	504	$\frac{1}{21}$	$\frac{11}{126}$	$\frac{1}{8}$	$\frac{10}{21}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^3\ \Phi_{126}^2\ \Phi_{84}^3\ \Phi_{72}^4\ \Phi_{63}^2\ \Phi_{56}^3\ \Phi_{42}\ \Phi_{36}^4\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
116437	1610	306	$\frac{8}{153}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{145}{306}$	$\Phi_{306}^4\ \Phi_{153}^6\ \Phi_{102}^5\ \Phi_{51}^7\ \Phi_{34}^5\ \Phi_{18}^4\ \Phi_{17}^6\ \Phi_9^6\ \Phi_6^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
116438	1610	3366	$\frac{8}{153}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{145}{306}$	$\Phi_{3366}\ \Phi_{1122}\ \Phi_{374}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
116439	1610	342	$\frac{1}{19}$	$\frac{10}{171}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{342}^6\ \Phi_{171}^4\ \Phi_{114}^5\ \Phi_{57}^3\ \Phi_{38}^5\ \Phi_{19}^4\ \Phi_{18}^6\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
116440	1610	1980	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{19}{180}$	$\frac{17}{36}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}$
116441	1610	510	$\frac{9}{170}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{170}^2\ \Phi_{102}^3\ \Phi_{85}^2\ \Phi_{51}^3\ \Phi_{34}\ \Phi_{30}^4\ \Phi_{17}^2\ \Phi_{15}^4\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
116442	1610	912	$\frac{1}{19}$	$\frac{9}{152}$	$\frac{1}{6}$	$\frac{143}{304}$	$\Phi_{912}^4\ \Phi_{304}^2\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}^4\ \Phi_{38}\ \Phi_{16}^2$
116443	1610	3102	$\frac{1}{47}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{3102}\ \Phi_{1034}\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}$
116444	1610	117	$\frac{2}{117}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{117}^{14}\ \Phi_{39}^{13}\ \Phi_{13}^{14}\ \Phi_9^{14}\ \Phi_3^{12}\ \Phi_1^{14}$
116445	1610	2223	$\frac{1}{57}$	$\frac{1}{13}$	$\frac{56}{171}$	$\frac{6}{13}$	$\Phi_{2223}\ \Phi_{171}^2\ \Phi_{117}\ \Phi_{13}\ \Phi_9^2\ \Phi_1^2$
116446	1610	1976	$\frac{1}{38}$	$\frac{1}{13}$	$\frac{37}{152}$	$\frac{6}{13}$	$\Phi_{1976}\ \Phi_{988}\ \Phi_{152}^2\ \Phi_{104}\ \Phi_{76}^2\ \Phi_{52}\ \Phi_{13}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
116447	1610	741	$\frac{2}{57}$	$\frac{1}{13}$	$\frac{11}{57}$	$\frac{6}{13}$	$\Phi_{741}^2\ \Phi_{247}^2\ \Phi_{57}^4\ \Phi_{39}^2\ \Phi_{19}^4\ \Phi_{13}^3\ \Phi_3^4\ \Phi_1^6$
116448	1610	312	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{312}^5\ \Phi_{156}^5\ \Phi_{104}^5\ \Phi_{78}^4\ \Phi_{52}^5\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{24}^{10}\ \Phi_{13}^5\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_6^8\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
116449	1610	1729	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{18}{133}$	$\frac{6}{13}$	$\Phi_{1729}\ \Phi_{133}^2\ \Phi_{91}\ \Phi_{13}\ \Phi_7^2\ \Phi_1^2$
116450	1610	1488	$\frac{1}{62}$	$\frac{61}{744}$	$\frac{1}{3}$	$\frac{683}{1488}$	$\Phi_{1488}^2\ \Phi_{496}^2\ \Phi_{186}\ \Phi_{93}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_6$
116451	1610	2256	$\frac{1}{47}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{2256}\ \Phi_{752}\ \Phi_{564}\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{94}$
116452	1610	968	$\frac{6}{121}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{968}^2\ \Phi_{484}^2\ \Phi_{242}^2\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
116453	1610	3008	$\frac{1}{47}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{3008}\ \Phi_{188}\ \Phi_{94}$
116454	1610	2982	$\frac{1}{71}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{2982}\ \Phi_{994}\ \Phi_{426}\ \Phi_{213}\ \Phi_{142}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
116455	1610	168	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{19}{42}$	$\Phi_{168}^{11}\ \Phi_{84}^{11}\ \Phi_{56}^{11}\ \Phi_{42}\ \Phi_{28}^{11}\ \Phi_{24}^{11}\ \Phi_{21}^{10}\ \Phi_{14}\ \Phi_{12}^{11}\ \Phi_{8}^{10}\ \Phi_{7}^{10}\ \Phi_{6}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{1}^{10}$
116456	1610	720	$\frac{1}{80}$	$\frac{1}{9}$	$\frac{79}{240}$	$\frac{4}{9}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{3}\ \Phi_{180}^{2}\ \Phi_{144}^{2}\ \Phi_{120}^{3}\ \Phi_{90}^{2}\ \Phi_{80}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
116457	1610	1476	$\frac{3}{164}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{492}\ \Phi_{369}\ \Phi_{246}\ \Phi_{164}^{2}\ \Phi_{123}\ \Phi_{82}^{2}\ \Phi_{41}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
116458	1610	495	$\frac{4}{165}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{495}^{3}\ \Phi_{165}^{4}\ \Phi_{99}^{3}\ \Phi_{55}^{4}\ \Phi_{45}^{2}\ \Phi_{33}^{4}\ \Phi_{15}^{3}\ \Phi_{11}^{4}\ \Phi_{9}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
116459	1610	1800	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{39}{200}$	$\frac{4}{9}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}^{2}\ \Phi_{150}\ \Phi_{100}^{2}\ \Phi_{75}\ \Phi_{50}^{2}\ \Phi_{25}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
116460	1610	576	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{31}{192}$	$\frac{4}{9}$	$\Phi_{576}^{3}\ \Phi_{288}^{2}\ \Phi_{192}^{4}\ \Phi_{144}^{2}\ \Phi_{96}^{3}\ \Phi_{72}^{2}\ \Phi_{64}^{4}\ \Phi_{48}^{3}\ \Phi_{36}^{2}\ \Phi_{32}^{2}\ \Phi_{24}^{3}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
116461	1610	720	$\frac{3}{80}$	$\frac{1}{9}$	$\frac{11}{80}$	$\frac{4}{9}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{180}^{2}\ \Phi_{144}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{80}^{4}\ \Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{4}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{4}\ \Phi_{18}^{2}\ \Phi_{16}^{4}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{4}\ \Phi_{9}^{3}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
116462	1610	72	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{72}^{20}\ \Phi_{36}^{20}\ \Phi_{24}^{27}\ \Phi_{18}^{20}\ \Phi_{12}^{27}\ \Phi_{9}^{21}\ \Phi_{8}^{26}\ \Phi_{6}^{27}\ \Phi_{4}^{26}\ \Phi_{3}^{28}\ \Phi_{2}^{26}\ \Phi_{1}^{28}$
116463	1610	180	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{180}^{9}\ \Phi_{90}^{9}\ \Phi_{60}^{9}\ \Phi_{45}^{9}\ \Phi_{36}^{9}\ \Phi_{30}^{9}\ \Phi_{20}^{8}\ \Phi_{18}^{9}\ \Phi_{15}^{9}\ \Phi_{12}^{9}\ \Phi_{10}^{8}\ \Phi_{9}^{10}\ \Phi_{6}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{10}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
116464	1610	1530	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}\ \Phi_{255}\ \Phi_{170}^{2}\ \Phi_{153}\ \Phi_{102}\ \Phi_{85}^{2}\ \Phi_{51}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
116465	1610	1584	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}^{2}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}^{2}\ \Phi_{66}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
116466	1610	1609	$\frac{39}{1609}$	$\frac{185}{1609}$	$\frac{314}{1609}$	$\frac{712}{1609}$	$\Phi_{1609}\ \Phi_{1}^{2}$
116467	1610	3168	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{17}{144}$	$\frac{127}{288}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
116468	1610	2272	$\frac{1}{71}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{2272}\ \Phi_{568}\ \Phi_{284}\ \Phi_{142}$
116469	1610	1704	$\frac{1}{24}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{31}{71}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{568}\ \Phi_{426}\ \Phi_{284}\ \Phi_{213}\ \Phi_{142}$
116470	1610	1609	$\frac{62}{1609}$	$\frac{183}{1609}$	$\frac{221}{1609}$	$\frac{694}{1609}$	$\Phi_{1609}\ \Phi_{1}^{2}$
116471	1610	1938	$\frac{8}{323}$	$\frac{45}{323}$	$\frac{1}{6}$	$\frac{139}{323}$	$\Phi_{1938}\ \Phi_{969}\ \Phi_{646}\ \Phi_{114}\ \Phi_{102}\ \Phi_{57}\ \Phi_{51}\ \Phi_{38}\ \Phi_{34}$
116472	1610	952	$\frac{4}{119}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{952}^{2}\ \Phi_{476}^{2}\ \Phi_{238}^{2}\ \Phi_{136}^{2}\ \Phi_{68}^{2}\ \Phi_{56}\ \Phi_{34}^{2}\ \Phi_{28}\ \Phi_{14}$
116473	1610	2840	$\frac{1}{71}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{2840}\ \Phi_{568}\ \Phi_{284}\ \Phi_{142}$
116474	1610	792	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{16}{99}$	$\frac{83}{198}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{3}\ \Phi_{132}^{3}\ \Phi_{99}^{2}\ \Phi_{88}^{3}\ \Phi_{72}^{2}\ \Phi_{66}\ \Phi_{44}^{3}\ \Phi_{36}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{3}\ \Phi_{22}\ \Phi_{12}^{3}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
116475	1610	348	$\frac{1}{116}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{348}^{5}\ \Phi_{174}^{5}\ \Phi_{116}^{4}\ \Phi_{87}^{5}\ \Phi_{58}^{4}\ \Phi_{29}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
116476	1610	2748	$\frac{4}{229}$	$\frac{1}{6}$	$\frac{45}{229}$	$\frac{5}{12}$	$\Phi_{2748}\ \Phi_{916}\ \Phi_{229}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
116477	1610	564	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{564}^{5}\ \Phi_{282}\ \Phi_{188}^{5}\ \Phi_{141}\ \Phi_{94}$
116478	1610	2748	$\frac{9}{229}$	$\frac{22}{229}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2748}\ \Phi_{916}\ \Phi_{229}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
116479	1610	264	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{264}^{7}\ \Phi_{132}^{6}\ \Phi_{88}^{7}\ \Phi_{66}^{7}\ \Phi_{44}^{6}\ \Phi_{33}^{7}\ \Phi_{22}^{7}\ \Phi_{11}^{6}$
116480	1610	1609	$\frac{41}{1609}$	$\frac{224}{1609}$	$\frac{277}{1609}$	$\frac{666}{1609}$	$\Phi_{1609}\ \Phi_{1}^{2}$
116481	1610	1704	$\frac{1}{24}$	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{29}{71}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{568}\ \Phi_{426}\ \Phi_{284}\ \Phi_{213}\ \Phi_{142}$
116482	1610	1609	$\frac{64}{1609}$	$\frac{137}{1609}$	$\frac{309}{1609}$	$\frac{650}{1609}$	$\Phi_{1609}\ \Phi_{1}^{2}$
116483	1610	2970	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{26}{135}$	$\frac{109}{270}$	$\Phi_{2970}\ \Phi_{990}\ \Phi_{594}\ \Phi_{330}\ \Phi_{297}\ \Phi_{198}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
116484	1610	616	$\frac{2}{77}$	$\frac{1}{8}$	$\frac{15}{77}$	$\frac{31}{77}$	$\Phi_{616}^{3}\ \Phi_{308}^{3}\ \Phi_{154}^{3}\ \Phi_{88}^{3}\ \Phi_{56}^{3}\ \Phi_{44}^{4}\ \Phi_{28}^{3}\ \Phi_{22}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
116485	1610	580	$\frac{1}{116}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{580}^{3}\ \Phi_{290}^{3}\ \Phi_{145}^{3}\ \Phi_{116}^{2}\ \Phi_{58}^{2}\ \Phi_{29}^{2}\ \Phi_{20}^{3}\ \Phi_{10}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
116486	1610	648	$\frac{1}{162}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{648}^{4}\ \Phi_{216}^{4}\ \Phi_{162}^{2}\ \Phi_{81}^{2}\ \Phi_{72}^{4}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{24}^{3}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116487	1610	856	$\frac{1}{107}$	$\frac{53}{214}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{856}^{3}\ \Phi_{214}^{2}\ \Phi_{107}\ \Phi_{8}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
116488	1610	856	$\frac{2}{107}$	$\frac{15}{107}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{856}^{3}\ \Phi_{107}^{3}\ \Phi_{8}^{4}\ \Phi_{1}^{4}$
116489	1610	376	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{376}^{4}\ \Phi_{188}^{5}\ \Phi_{94}^{5}\ \Phi_{47}^{4}$
116490	1610	2568	$\frac{13}{321}$	$\frac{22}{321}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2568}\ \Phi_{856}\ \Phi_{321}\ \Phi_{107}\ \Phi_{24}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
116491	1610	120	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^{14}\ \Phi_{60}^{15}\ \Phi_{40}^{14}\ \Phi_{30}^{15}\ \Phi_{24}^{9}\ \Phi_{20}^{15}\ \Phi_{15}^{14}\ \Phi_{12}^{10}\ \Phi_{10}^{15}\ \Phi_{8}^{10}\ \Phi_{6}^{10}\ \Phi_{5}^{14}\ \Phi_{4}^{10}\ \Phi_{3}^{9}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
116492	1610	2556	$\frac{1}{71}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{2556}\ \Phi_{852}\ \Phi_{426}\ \Phi_{284}\ \Phi_{213}\ \Phi_{142}$
116493	1610	2538	$\frac{1}{47}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{2538}\ \Phi_{846}\ \Phi_{423}\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}$
116494	1610	870	$\frac{1}{29}$	$\frac{1}{15}$	$\frac{28}{87}$	$\frac{59}{174}$	$\Phi_{870}^{3}\ \Phi_{435}\ \Phi_{290}^{3}\ \Phi_{174}^{2}\ \Phi_{145}\ \Phi_{87}\ \Phi_{58}^{2}\ \Phi_{30}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
116495	1610	1044	$\frac{1}{116}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1044}^{2}\ \Phi_{522}^{2}\ \Phi_{348}\ \Phi_{261}^{2}\ \Phi_{174}\ \Phi_{87}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{6}$
116496	1610	936	$\frac{2}{117}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{312}^{2}\ \Phi_{234}^{2}\ \Phi_{156}^{2}\ \Phi_{104}^{2}\ \Phi_{78}^{2}\ \Phi_{72}^{2}\ \Phi_{52}^{2}\ \Phi_{36}^{2}\ \Phi_{26}^{2}\ \Phi_{24}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{6}$
116497	1610	240	$\frac{1}{80}$	$\frac{1}{6}$	$\frac{79}{240}$	$\frac{1}{3}$	$\Phi_{240}^{7}\ \Phi_{120}^{7}\ \Phi_{80}^{6}\ \Phi_{60}^{7}\ \Phi_{48}^{7}\ \Phi_{40}^{6}\ \Phi_{30}^{7}\ \Phi_{24}^{7}\ \Phi_{20}^{6}\ \Phi_{16}^{6}\ \Phi_{15}^{7}\ \Phi_{12}^{7}\ \Phi_{10}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{9}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
116498	1610	186	$\frac{1}{62}$	$\frac{25}{186}$	$\frac{61}{186}$	$\frac{1}{3}$	$\Phi_{186}^{9}\ \Phi_{93}^{9}\ \Phi_{62}^{8}\ \Phi_{31}^{8}\ \Phi_{6}^{9}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
116499	1610	1368	$\frac{1}{57}$	$\frac{1}{8}$	$\frac{56}{171}$	$\frac{1}{3}$	$\Phi_{1368}^{2}\ \Phi_{684}^{2}\ \Phi_{342}^{2}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{24}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{6}$
116500	1610	858	$\frac{1}{26}$	$\frac{53}{858}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{858}^{2}\ \Phi_{429}^{2}\ \Phi_{286}^{2}\ \Phi_{143}^{2}\ \Phi_{78}\ \Phi_{66}^{2}\ \Phi_{39}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{6}$
116501	1610	408	$\frac{1}{24}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{408}^{4}\ \Phi_{204}^{4}\ \Phi_{136}^{4}\ \Phi_{102}^{4}\ \Phi_{68}^{4}\ \Phi_{51}^{3}\ \Phi_{34}^{4}\ \Phi_{24}^{6}\ \Phi_{17}^{2}\ \Phi_{12}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{4}$
116502	1610	234	$\frac{1}{26}$	$\frac{5}{78}$	$\frac{73}{234}$	$\frac{1}{3}$	$\Phi_{234}^{10}\ \Phi_{117}^{10}\ \Phi_{78}\ \Phi_{39}\ \Phi_{18}^{10}\ \Phi_{9}^{10}\ \Phi_{6}$
116503	1610	396	$\frac{1}{36}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{396}^{4}\ \Phi_{198}^{4}\ \Phi_{132}^{4}\ \Phi_{99}^{4}\ \Phi_{66}^{4}\ \Phi_{44}^{4}\ \Phi_{36}^{6}\ \Phi_{33}^{3}\ \Phi_{22}^{4}\ \Phi_{18}^{6}\ \Phi_{12}^{6}\ \Phi_{11}^{2}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{4}$
116504	1610	1116	$\frac{1}{62}$	$\frac{61}{372}$	$\frac{311}{1116}$	$\frac{1}{3}$	$\Phi_{1116}^{2}\ \Phi_{558}^{2}\ \Phi_{279}^{2}\ \Phi_{186}\ \Phi_{93}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}$
116505	1610	492	$\frac{3}{164}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{492}^{3}\ \Phi_{246}^{3}\ \Phi_{164}^{4}\ \Phi_{123}^{3}\ \Phi_{82}^{4}\ \Phi_{41}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116506	1610	2976	$\frac{1}{62}$	$\frac{187}{992}$	$\frac{61}{248}$	$\frac{1}{3}$	$\Phi_{2976}\ \Phi_{1488}\ \Phi_{186}\ \Phi_{96}\ \Phi_{93}\ \Phi_{48}\ \Phi_{6}$
116507	1610	456	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{37}{152}$	$\frac{1}{3}$	$\Phi_{456}^{5}\ \Phi_{228}^{5}\ \Phi_{114}^{6}\ \Phi_{57}^{6}\ \Phi_{24}^{6}\ \Phi_{12}^{6}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
116508	1610	624	$\frac{1}{26}$	$\frac{5}{52}$	$\frac{47}{208}$	$\frac{1}{3}$	$\Phi_{624}^{5}\ \Phi_{312}^{5}\ \Phi_{78}\ \Phi_{48}^{5}\ \Phi_{39}\ \Phi_{24}^{5}\ \Phi_{6}$
116509	1610	2061	$\frac{4}{229}$	$\frac{45}{229}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2061}\ \Phi_{229}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
116510	1610	846	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{846}^{3}\ \Phi_{423}^{2}\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}$
116511	1610	2061	$\frac{9}{229}$	$\frac{22}{229}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2061}\ \Phi_{229}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
116512	1610	792	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{792}^{3}\ \Phi_{396}^{3}\ \Phi_{264}\ \Phi_{198}^{3}\ \Phi_{132}\ \Phi_{99}^{2}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
116513	1610	330	$\frac{4}{165}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{330}^{6}\ \Phi_{165}^{4}\ \Phi_{110}^{6}\ \Phi_{66}^{6}\ \Phi_{55}^{4}\ \Phi_{33}^{4}\ \Phi_{30}^{4}\ \Phi_{22}^{6}\ \Phi_{15}^{3}\ \Phi_{11}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{6}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{4}$
116514	1610	600	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{39}{200}$	$\frac{1}{3}$	$\Phi_{600}^{3}\ \Phi_{300}^{3}\ \Phi_{200}^{4}\ \Phi_{150}^{3}\ \Phi_{100}^{4}\ \Phi_{75}^{3}\ \Phi_{50}^{4}\ \Phi_{25}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116515	1610	186	$\frac{1}{31}$	$\frac{25}{186}$	$\frac{6}{31}$	$\frac{1}{3}$	$\Phi_{186}^{10}\ \Phi_{93}^{6}\ \Phi_{62}^{10}\ \Phi_{31}^{10}\ \Phi_{6}^{10}\ \Phi_{3}^{5}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
116516	1610	456	$\frac{2}{57}$	$\frac{1}{8}$	$\frac{11}{57}$	$\frac{1}{3}$	$\Phi_{456}^{4}\ \Phi_{228}^{4}\ \Phi_{152}^{4}\ \Phi_{114}^{4}\ \Phi_{76}^{4}\ \Phi_{38}^{4}\ \Phi_{24}^{5}\ \Phi_{12}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
116517	1610	78	$\frac{1}{26}$	$\frac{3}{26}$	$\frac{5}{26}$	$\frac{1}{3}$	$\Phi_{78}^{31}\ \Phi_{39}^{31}\ \Phi_{6}^{31}\ \Phi_{3}^{30}$
116518	1610	408	$\frac{1}{24}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{408}^{4}\ \Phi_{204}^{4}\ \Phi_{136}^{4}\ \Phi_{102}^{4}\ \Phi_{68}^{4}\ \Phi_{51}^{2}\ \Phi_{34}^{4}\ \Phi_{24}^{6}\ \Phi_{17}^{4}\ \Phi_{12}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
116519	1610	2418	$\frac{29}{806}$	$\frac{111}{806}$	$\frac{139}{806}$	$\frac{1}{3}$	$\Phi_{2418}\ \Phi_{1209}\ \Phi_{186}\ \Phi_{93}\ \Phi_{78}\ \Phi_{39}\ \Phi_{6}$
116520	1610	192	$\frac{1}{32}$	$\frac{31}{192}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{192}^{10}\ \Phi_{96}^{7}\ \Phi_{64}^{10}\ \Phi_{48}^{7}\ \Phi_{32}^{6}\ \Phi_{24}^{7}\ \Phi_{16}^{6}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{9}\ \Phi_{4}^{6}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
116521	1610	240	$\frac{3}{80}$	$\frac{11}{80}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{240}^{6}\ \Phi_{120}^{6}\ \Phi_{80}^{8}\ \Phi_{60}^{6}\ \Phi_{48}^{6}\ \Phi_{40}^{8}\ \Phi_{30}^{6}\ \Phi_{24}^{6}\ \Phi_{20}^{8}\ \Phi_{16}^{8}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
116522	1610	24	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{24}^{67}\ \Phi_{12}^{67}\ \Phi_{8}^{66}\ \Phi_{6}^{69}\ \Phi_{4}^{66}\ \Phi_{3}^{68}\ \Phi_{2}^{68}\ \Phi_{1}^{68}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
116523	1610	180	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^{7}\ \Phi_{45}^{10}\ \Phi_{36}^{10}\ \Phi_{30}^{7}\ \Phi_{20}^{6}\ \Phi_{18}^{10}\ \Phi_{15}^{7}\ \Phi_{12}^{7}\ \Phi_{10}^{6}\ \Phi_{9}^{10}\ \Phi_{6}^{9}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
116524	1610	510	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{510}^{3}\ \Phi_{255}^{3}\ \Phi_{170}^{4}\ \Phi_{102}^{3}\ \Phi_{85}^{4}\ \Phi_{51}^{3}\ \Phi_{34}^{4}\ \Phi_{17}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116525	1610	528	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{176}^{4}\ \Phi_{132}^{3}\ \Phi_{88}^{4}\ \Phi_{66}^{3}\ \Phi_{44}^{4}\ \Phi_{33}^{3}\ \Phi_{22}^{4}\ \Phi_{11}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116526	1610	936	$\frac{1}{26}$	$\frac{131}{936}$	$\frac{25}{156}$	$\frac{1}{3}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{312}^{2}\ \Phi_{234}^{2}\ \Phi_{117}^{2}\ \Phi_{104}^{2}\ \Phi_{78}\ \Phi_{72}^{2}\ \Phi_{39}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}$
116527	1610	3192	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{18}{133}$	$\frac{1}{3}$	$\Phi_{3192}\ \Phi_{1596}\ \Phi_{798}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
116528	1610	78	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{3}{26}$	$\frac{1}{3}$	$\Phi_{78}^{22}\ \Phi_{39}^{17}\ \Phi_{26}^{26}\ \Phi_{13}^{20}\ \Phi_{6}^{22}\ \Phi_{3}^{16}\ \Phi_{2}^{26}\ \Phi_{1}^{20}$
116529	1610	2376	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{67}{297}$	$\frac{32}{99}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{264}\ \Phi_{216}\ \Phi_{132}\ \Phi_{108}\ \Phi_{88}\ \Phi_{66}\ \Phi_{54}\ \Phi_{44}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{6}$
116530	1610	840	$\frac{3}{56}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{53}{168}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}\ \Phi_{140}^{2}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{84}\ \Phi_{70}^{2}\ \Phi_{60}^{3}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116531	1610	168	$\frac{3}{56}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{53}{168}$	$\Phi_{168}^{14}\ \Phi_{84}^{14}\ \Phi_{56}\ \Phi_{42}^{14}\ \Phi_{28}\ \Phi_{24}^{14}\ \Phi_{21}^{14}\ \Phi_{14}\ \Phi_{12}^{14}\ \Phi_{6}^{14}\ \Phi_{3}^{14}$
116532	1610	510	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{16}{51}$	$\Phi_{510}^{4}\ \Phi_{255}^{2}\ \Phi_{170}^{4}\ \Phi_{102}^{4}\ \Phi_{85}^{2}\ \Phi_{51}^{3}\ \Phi_{34}^{4}\ \Phi_{30}^{6}\ \Phi_{17}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{4}$
116533	1610	1275	$\frac{1}{17}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{16}{51}$	$\Phi_{1275}^{2}\ \Phi_{255}\ \Phi_{75}^{2}\ \Phi_{51}^{2}\ \Phi_{25}^{2}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
116534	1610	102	$\frac{1}{17}$	$\frac{5}{51}$	$\frac{1}{6}$	$\frac{16}{51}$	$\Phi_{102}^{19}\ \Phi_{51}^{13}\ \Phi_{34}^{19}\ \Phi_{17}^{12}\ \Phi_{6}^{18}\ \Phi_{3}^{12}\ \Phi_{2}^{18}\ \Phi_{1}^{12}$
116535	1610	459	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{16}{51}$	$\Phi_{459}^{4}\ \Phi_{153}^{2}\ \Phi_{51}^{3}\ \Phi_{27}^{6}\ \Phi_{17}^{2}\ \Phi_{9}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
116536	1610	2574	$\frac{5}{78}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{73}{234}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
116537	1610	1518	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{11}{46}$	$\frac{10}{33}$	$\Phi_{1518}^{2}\ \Phi_{759}\ \Phi_{138}^{2}\ \Phi_{69}\ \Phi_{66}^{2}\ \Phi_{46}^{2}\ \Phi_{33}^{2}\ \Phi_{23}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
116538	1610	759	$\frac{4}{69}$	$\frac{1}{11}$	$\frac{13}{69}$	$\frac{10}{33}$	$\Phi_{759}^{2}\ \Phi_{253}^{2}\ \Phi_{69}^{3}\ \Phi_{33}^{3}\ \Phi_{23}^{3}\ \Phi_{11}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
116539	1610	330	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{330}^{6}\ \Phi_{165}^{4}\ \Phi_{110}^{6}\ \Phi_{66}^{4}\ \Phi_{55}^{4}\ \Phi_{33}^{3}\ \Phi_{30}^{9}\ \Phi_{22}^{4}\ \Phi_{15}^{6}\ \Phi_{11}^{2}\ \Phi_{10}^{9}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{4}$
116540	1610	759	$\frac{2}{23}$	$\frac{1}{11}$	$\frac{3}{23}$	$\frac{10}{33}$	$\Phi_{759}^{3}\ \Phi_{69}^{3}\ \Phi_{33}^{4}\ \Phi_{23}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
116541	1610	264	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{10}{33}$	$\Phi_{264}^{10}\ \Phi_{132}^{10}\ \Phi_{88}\ \Phi_{66}^{10}\ \Phi_{44}\ \Phi_{24}^{10}\ \Phi_{22}\ \Phi_{12}^{10}\ \Phi_{6}^{10}$
116542	1610	918	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{1}{6}$	$\frac{137}{459}$	$\Phi_{918}^{3}\ \Phi_{459}^{2}\ \Phi_{102}\ \Phi_{54}^{3}\ \Phi_{51}\ \Phi_{34}\ \Phi_{27}^{2}$
116543	1610	228	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{1}{6}$	$\frac{67}{228}$	$\Phi_{228}^{6}\ \Phi_{114}^{7}\ \Phi_{76}^{8}\ \Phi_{57}^{7}\ \Phi_{38}^{9}\ \Phi_{19}^{8}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
116544	1610	392	$\frac{3}{49}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{392}^{5}\ \Phi_{196}^{5}\ \Phi_{98}^{5}\ \Phi_{56}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
116545	1610	2256	$\frac{1}{47}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{564}\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{94}$
116546	1610	504	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{4}{21}$	$\frac{17}{63}$	$\Phi_{504}^{5}\ \Phi_{252}^{5}\ \Phi_{168}\ \Phi_{126}^{5}\ \Phi_{84}\ \Phi_{72}^{5}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}^{5}\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}^{5}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
116547	1610	2376	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{17}{72}$	$\frac{55}{216}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
116548	1610	1920	$\frac{1}{15}$	$\frac{13}{128}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
116549	1610	420	$\frac{1}{15}$	$\frac{3}{28}$	$\frac{5}{28}$	$\frac{1}{4}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{4}\ \Phi_{70}^{4}\ \Phi_{60}^{5}\ \Phi_{42}^{4}\ \Phi_{35}^{4}\ \Phi_{30}^{5}\ \Phi_{21}^{4}\ \Phi_{20}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{5}\ \Phi_{5}^{4}\ \Phi_{3}^{4}$
116550	1610	570	$\frac{1}{19}$	$\frac{29}{190}$	$\frac{1}{6}$	$\frac{9}{38}$	$\Phi_{570}^{4}\ \Phi_{285}^{4}\ \Phi_{190}^{2}\ \Phi_{114}\ \Phi_{95}^{2}\ \Phi_{57}\ \Phi_{38}\ \Phi_{30}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$
116551	1610	510	$\frac{1}{15}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{30}$	$\Phi_{510}^{4}\ \Phi_{255}^{2}\ \Phi_{170}^{4}\ \Phi_{102}^{4}\ \Phi_{85}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{4}\ \Phi_{30}^{6}\ \Phi_{17}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
116552	1610	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{30}$	$\Phi_{120}^{15}\ \Phi_{60}^{15}\ \Phi_{40}^{15}\ \Phi_{30}^{8}\ \Phi_{24}^{17}\ \Phi_{20}^{15}\ \Phi_{15}^{7}\ \Phi_{12}^{17}\ \Phi_{10}^{8}\ \Phi_{8}^{16}\ \Phi_{6}^{9}\ \Phi_{5}^{7}\ \Phi_{4}^{16}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
116553	1610	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{17}{132}$	$\frac{5}{22}$	$\Phi_{264}^{8}\ \Phi_{132}^{6}\ \Phi_{88}^{5}\ \Phi_{66}^{6}\ \Phi_{44}^{3}\ \Phi_{33}^{6}\ \Phi_{24}^{8}\ \Phi_{22}^{5}\ \Phi_{12}^{6}\ \Phi_{11}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
116554	1610	504	$\frac{11}{126}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{168}^{4}\ \Phi_{126}^{2}\ \Phi_{84}^{4}\ \Phi_{72}^{4}\ \Phi_{63}^{2}\ \Phi_{56}\ \Phi_{42}^{2}\ \Phi_{36}^{4}\ \Phi_{28}\ \Phi_{24}^{4}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{14}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
116555	1610	204	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{1}{6}$	$\frac{43}{204}$	$\Phi_{204}^{10}\ \Phi_{102}^{5}\ \Phi_{68}^{10}\ \Phi_{51}^{7}\ \Phi_{34}^{5}\ \Phi_{17}^{6}\ \Phi_{12}^{10}\ \Phi_{6}^{4}\ \Phi_{4}^{10}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
116556	1610	425	$\frac{2}{25}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{5}$	$\Phi_{425}^{4}\ \Phi_{85}^{2}\ \Phi_{25}^{6}\ \Phi_{17}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{6}$
116557	1610	600	$\frac{2}{25}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{600}^{4}\ \Phi_{300}^{4}\ \Phi_{200}^{2}\ \Phi_{150}^{2}\ \Phi_{120}^{2}\ \Phi_{100}^{2}\ \Phi_{75}^{2}\ \Phi_{60}^{2}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}^{2}\ \Phi_{24}^{4}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
116558	1610	440	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{9}{55}$	$\frac{2}{11}$	$\Phi_{440}^{5}\ \Phi_{220}^{5}\ \Phi_{110}^{5}\ \Phi_{88}\ \Phi_{44}\ \Phi_{40}^{5}\ \Phi_{22}\ \Phi_{20}^{5}\ \Phi_{10}^{5}$
116559	1610	56	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{5}{28}$	$\Phi_{56}^{33}\ \Phi_{28}^{25}\ \Phi_{14}^{25}\ \Phi_{8}^{32}\ \Phi_{7}^{24}\ \Phi_{4}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{24}$
116560	1610	102	$\frac{5}{51}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{3}{17}$	$\Phi_{102}^{19}\ \Phi_{51}^{12}\ \Phi_{34}^{19}\ \Phi_{17}^{14}\ \Phi_{6}^{18}\ \Phi_{3}^{11}\ \Phi_{2}^{18}\ \Phi_{1}^{14}$
116561	1610	459	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{4}{27}$	$\frac{3}{17}$	$\Phi_{459}^{4}\ \Phi_{153}^{2}\ \Phi_{51}^{2}\ \Phi_{27}^{6}\ \Phi_{17}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
116562	1610	216	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{27}$	$\frac{1}{6}$	$\Phi_{216}^{10}\ \Phi_{108}^{10}\ \Phi_{72}^{5}\ \Phi_{54}^{4}\ \Phi_{36}^{5}\ \Phi_{27}^{6}\ \Phi_{24}^{7}\ \Phi_{18}^{2}\ \Phi_{12}^{7}\ \Phi_{9}^{3}\ \Phi_{8}^{6}\ \Phi_{6}^{3}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
116563	1611	2576	$\frac{1}{322}$	$\frac{323}{1288}$	$\frac{965}{2576}$	$\frac{321}{644}$	$\Phi_{2576}\ \Phi_{644}\ \Phi_{368}\ \Phi_{112}\ \Phi_{92}\ \Phi_{28}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
116564	1611	920	$\frac{1}{230}$	$\frac{77}{460}$	$\frac{383}{920}$	$\frac{229}{460}$	$\Phi_{920}^{3}\ \Phi_{460}\ \Phi_{184}^{3}\ \Phi_{92}\ \Phi_{40}^{3}\ \Phi_{20}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
116565	1611	1424	$\frac{1}{178}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{177}{356}$	$\Phi_{1424}^{2}\ \Phi_{356}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
116566	1611	356	$\frac{1}{178}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{177}{356}$	$\Phi_{356}^{5}\ \Phi_{178}^{4}\ \Phi_{89}^{4}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
116567	1611	3200	$\frac{11}{1600}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1589}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{128}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
116568	1611	1064	$\frac{5}{532}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{527}{1064}$	$\Phi_{1064}^{3}\ \Phi_{152}^{3}\ \Phi_{56}^{3}\ \Phi_{28}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
116569	1611	1064	$\frac{5}{532}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{527}{1064}$	$\Phi_{1064}^{3}\ \Phi_{152}^{3}\ \Phi_{56}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
116570	1611	2156	$\frac{6}{539}$	$\frac{1}{7}$	$\frac{545}{2156}$	$\frac{533}{1078}$	$\Phi_{2156}\ \Phi_{539}\ \Phi_{308}\ \Phi_{196}\ \Phi_{77}\ \Phi_{49}\ \Phi_{44}\ \Phi_{28}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
116571	1611	1770	$\frac{2}{177}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{175}{354}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{590}\ \Phi_{295}\ \Phi_{177}\ \Phi_{59}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
116572	1611	1060	$\frac{7}{530}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{523}{1060}$	$\Phi_{1060}^{3}\ \Phi_{212}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
116573	1611	3080	$\frac{1}{70}$	$\frac{71}{1540}$	$\frac{1469}{3080}$	$\frac{69}{140}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{140}\ \Phi_{88}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
116574	1611	240	$\frac{1}{60}$	$\frac{1}{10}$	$\frac{61}{240}$	$\frac{59}{120}$	$\Phi_{240}^{9}\ \Phi_{80}^{9}\ \Phi_{60}^{9}\ \Phi_{48}^{9}\ \Phi_{30}^{9}\ \Phi_{20}^{9}\ \Phi_{16}^{9}\ \Phi_{15}^{9}\ \Phi_{12}^{9}\ \Phi_{10}^{8}\ \Phi_{6}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
116575	1611	1760	$\frac{3}{176}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{173}{352}$	$\Phi_{1760}^{2}\ \Phi_{352}\ \Phi_{160}^{2}\ \Phi_{32}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
116576	1611	3128	$\frac{1}{46}$	$\frac{47}{1564}$	$\frac{1517}{3128}$	$\frac{45}{92}$	$\Phi_{3128}\ \Phi_{184}\ \Phi_{136}\ \Phi_{92}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
116577	1611	350	$\frac{4}{175}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{171}{350}$	$\Phi_{350}^{4}\ \Phi_{175}^{5}\ \Phi_{70}^{4}\ \Phi_{50}^{4}\ \Phi_{35}^{5}\ \Phi_{25}^{5}\ \Phi_{14}^{4}\ \Phi_{10}^{8}\ \Phi_{7}^{5}\ \Phi_{5}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
116578	1611	616	$\frac{2}{77}$	$\frac{79}{616}$	$\frac{1}{7}$	$\frac{75}{154}$	$\Phi_{616}^{3}\ \Phi_{308}^{3}\ \Phi_{88}^{3}\ \Phi_{77}^{3}\ \Phi_{56}^{3}\ \Phi_{44}^{3}\ \Phi_{28}^{3}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
116579	1611	3136	$\frac{43}{1568}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1525}{3136}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
116580	1611	3136	$\frac{43}{1568}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1525}{3136}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{64}\ \Phi_{49}\ \Phi_{1}$
116581	1611	1080	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{37}{216}$	$\frac{35}{72}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{216}\ \Phi_{180}^{2}\ \Phi_{135}^{2}\ \Phi_{108}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{54}\ \Phi_{45}^{2}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{27}\ \Phi_{20}^{2}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
116582	1611	1740	$\frac{5}{174}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{169}{348}$	$\Phi_{1740}^{2}\ \Phi_{580}^{2}\ \Phi_{348}\ \Phi_{116}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
116583	1611	1040	$\frac{17}{520}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{503}{1040}$	$\Phi_{1040}^{3}\ \Phi_{208}^{3}\ \Phi_{80}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
116584	1611	196	$\frac{2}{49}$	$\frac{17}{196}$	$\frac{1}{7}$	$\frac{47}{98}$	$\Phi_{196}^{9}\ \Phi_{98}^{6}\ \Phi_{49}^{9}\ \Phi_{28}^{9}\ \Phi_{14}^{6}\ \Phi_{7}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
116585	1611	190	$\frac{4}{95}$	$\frac{11}{190}$	$\frac{1}{5}$	$\frac{91}{190}$	$\Phi_{190}^{8}\ \Phi_{95}^{9}\ \Phi_{38}^{8}\ \Phi_{19}^{9}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
116586	1611	3080	$\frac{71}{1540}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1469}{3080}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{40}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
116587	1611	1710	$\frac{8}{171}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{163}{342}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{171}\ \Phi_{95}\ \Phi_{90}^{2}\ \Phi_{57}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{19}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
116588	1611	1700	$\frac{4}{85}$	$\frac{89}{1700}$	$\frac{1}{5}$	$\frac{81}{170}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{425}\ \Phi_{340}\ \Phi_{100}\ \Phi_{85}\ \Phi_{68}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{17}\ \Phi_{4}\ \Phi_{1}$
116589	1611	200	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{21}{200}$	$\frac{19}{40}$	$\Phi_{200}^{9}\ \Phi_{100}^{9}\ \Phi_{50}^{9}\ \Phi_{25}^{9}\ \Phi_{20}^{9}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
116590	1611	340	$\frac{4}{85}$	$\frac{9}{170}$	$\frac{1}{5}$	$\frac{161}{340}$	$\Phi_{340}^{9}\ \Phi_{85}\ \Phi_{68}^{9}\ \Phi_{20}^{9}\ \Phi_{17}\ \Phi_{4}^{9}\ \Phi_{1}$
116591	1611	340	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{161}{340}$	$\Phi_{340}^{9}\ \Phi_{68}^{9}\ \Phi_{20}^{9}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
116592	1611	3040	$\frac{4}{95}$	$\frac{91}{1520}$	$\frac{1}{5}$	$\frac{1429}{3040}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{160}\ \Phi_{95}\ \Phi_{32}\ \Phi_{19}\ \Phi_{1}$
116593	1611	1012	$\frac{1}{46}$	$\frac{31}{506}$	$\frac{15}{46}$	$\frac{475}{1012}$	$\Phi_{1012}^{3}\ \Phi_{92}^{3}\ \Phi_{46}^{2}\ \Phi_{44}^{3}\ \Phi_{23}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
116594	1611	1680	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{157}{336}$	$\Phi_{1680}^{2}\ \Phi_{560}^{2}\ \Phi_{336}\ \Phi_{240}^{2}\ \Phi_{112}\ \Phi_{80}^{2}\ \Phi_{60}^{2}\ \Phi_{48}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
116595	1611	2128	$\frac{15}{532}$	$\frac{1}{14}$	$\frac{517}{2128}$	$\frac{13}{28}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{304}\ \Phi_{152}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
116596	1611	560	$\frac{23}{560}$	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{112}^{3}\ \Phi_{80}^{3}\ \Phi_{70}^{3}\ \Phi_{56}^{3}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{28}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
116597	1611	1694	$\frac{83}{1694}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{154}$	$\Phi_{1694}\ \Phi_{847}\ \Phi_{242}\ \Phi_{121}\ \Phi_{77}\ \Phi_{11}\ \Phi_{1}$
116598	1611	736	$\frac{1}{46}$	$\frac{15}{184}$	$\frac{199}{736}$	$\frac{169}{368}$	$\Phi_{736}^{3}\ \Phi_{184}^{3}\ \Phi_{92}^{3}\ \Phi_{46}^{2}\ \Phi_{32}^{3}\ \Phi_{23}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
116599	1611	960	$\frac{13}{192}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{24}$	$\Phi_{960}^{2}\ \Phi_{480}^{2}\ \Phi_{320}^{2}\ \Phi_{240}^{2}\ \Phi_{192}\ \Phi_{160}^{2}\ \Phi_{96}\ \Phi_{80}^{2}\ \Phi_{64}\ \Phi_{60}^{2}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
116600	1611	330	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{1}{10}$	$\frac{151}{330}$	$\Phi_{330}^{4}\ \Phi_{165}^{5}\ \Phi_{110}^{4}\ \Phi_{66}^{4}\ \Phi_{55}^{5}\ \Phi_{33}^{5}\ \Phi_{30}^{9}\ \Phi_{22}^{4}\ \Phi_{15}^{9}\ \Phi_{11}^{5}\ \Phi_{10}^{8}\ \Phi_{6}^{9}\ \Phi_{5}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
116601	1611	2944	$\frac{1}{46}$	$\frac{139}{1472}$	$\frac{45}{184}$	$\frac{1333}{2944}$	$\Phi_{2944}\ \Phi_{184}\ \Phi_{128}\ \Phi_{92}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
116602	1611	980	$\frac{1}{70}$	$\frac{47}{490}$	$\frac{23}{70}$	$\frac{443}{980}$	$\Phi_{980}^{3}\ \Phi_{196}^{3}\ \Phi_{140}^{3}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{3}\ \Phi_{20}^{3}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
116603	1611	980	$\frac{2}{49}$	$\frac{47}{490}$	$\frac{1}{7}$	$\frac{443}{980}$	$\Phi_{980}^{3}\ \Phi_{196}^{3}\ \Phi_{140}^{3}\ \Phi_{49}^{3}\ \Phi_{28}^{3}\ \Phi_{20}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
116604	1611	800	$\frac{11}{800}$	$\frac{1}{10}$	$\frac{263}{800}$	$\frac{9}{20}$	$\Phi_{800}^{2}\ \Phi_{400}^{2}\ \Phi_{200}^{2}\ \Phi_{160}^{2}\ \Phi_{100}^{2}\ \Phi_{80}^{2}\ \Phi_{50}^{2}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{25}^{2}\ \Phi_{20}^{3}\ \Phi_{16}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
116605	1611	1640	$\frac{29}{1640}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{410}\ \Phi_{328}\ \Phi_{205}\ \Phi_{164}\ \Phi_{82}\ \Phi_{41}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
116606	1611	2000	$\frac{11}{400}$	$\frac{1}{10}$	$\frac{389}{2000}$	$\frac{9}{20}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
116607	1611	640	$\frac{11}{320}$	$\frac{1}{10}$	$\frac{103}{640}$	$\frac{9}{20}$	$\Phi_{640}^{3}\ \Phi_{320}^{2}\ \Phi_{160}^{2}\ \Phi_{128}^{3}\ \Phi_{80}^{2}\ \Phi_{64}^{2}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{20}^{3}\ \Phi_{16}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
116608	1611	560	$\frac{23}{560}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{112}^{3}\ \Phi_{80}^{2}\ \Phi_{70}^{3}\ \Phi_{56}^{3}\ \Phi_{40}^{2}\ \Phi_{35}^{3}\ \Phi_{28}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{2}\ \Phi_{14}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
116609	1611	1700	$\frac{89}{1700}$	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{9}{20}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{425}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{4}\ \Phi_{1}$
116610	1611	200	$\frac{11}{200}$	$\frac{1}{10}$	$\frac{21}{200}$	$\frac{9}{20}$	$\Phi_{200}^{8}\ \Phi_{100}^{8}\ \Phi_{50}^{8}\ \Phi_{40}^{8}\ \Phi_{25}^{8}\ \Phi_{20}^{9}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
116611	1611	1760	$\frac{11}{160}$	$\frac{149}{1760}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
116612	1611	1620	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{17}{162}$	$\frac{145}{324}$	$\Phi_{1620}^{2}\ \Phi_{540}^{2}\ \Phi_{324}\ \Phi_{180}^{2}\ \Phi_{108}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
116613	1611	320	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{19}{160}$	$\frac{141}{320}$	$\Phi_{320}^{9}\ \Phi_{64}^{9}\ \Phi_{20}^{9}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
116614	1611	1666	$\frac{55}{1666}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{1666}\ \Phi_{833}\ \Phi_{238}\ \Phi_{119}\ \Phi_{49}\ \Phi_{34}\ \Phi_{17}\ \Phi_{1}$
116615	1611	2240	$\frac{1}{70}$	$\frac{69}{560}$	$\frac{629}{2240}$	$\frac{491}{1120}$	$\Phi_{2240}\ \Phi_{560}\ \Phi_{448}\ \Phi_{320}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{64}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
116616	1611	4272	$\frac{1}{89}$	$\frac{1}{8}$	$\frac{88}{267}$	$\frac{7}{16}$	$\Phi_{4272}\ \Phi_{267}\ \Phi_{48}\ \Phi_{16}\ \Phi_{3}\ \Phi_{1}$
116617	1611	560	$\frac{23}{560}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{112}^{3}\ \Phi_{80}^{3}\ \Phi_{70}^{3}\ \Phi_{56}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{14}^{3}\ \Phi_{10}^{2}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{3}\ \Phi_{1}^{3}$
116618	1611	2800	$\frac{1}{70}$	$\frac{211}{1400}$	$\frac{69}{280}$	$\frac{1189}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
116619	1611	308	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{25}{154}$	$\frac{129}{308}$	$\Phi_{308}^{9}\ \Phi_{77}^{3}\ \Phi_{44}^{9}\ \Phi_{28}^{9}\ \Phi_{11}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{9}\ \Phi_{1}^{3}$
116620	1611	920	$\frac{1}{115}$	$\frac{77}{460}$	$\frac{38}{115}$	$\frac{383}{920}$	$\Phi_{920}^{3}\ \Phi_{184}^{3}\ \Phi_{115}^{2}\ \Phi_{40}^{3}\ \Phi_{23}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
116621	1611	920	$\frac{1}{46}$	$\frac{15}{92}$	$\frac{77}{460}$	$\frac{383}{920}$	$\Phi_{920}^{3}\ \Phi_{184}^{3}\ \Phi_{92}^{3}\ \Phi_{46}^{2}\ \Phi_{40}^{3}\ \Phi_{23}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
116622	1611	300	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{29}{150}$	$\frac{121}{300}$	$\Phi_{300}^{9}\ \Phi_{100}^{9}\ \Phi_{60}^{9}\ \Phi_{30}^{9}\ \Phi_{20}^{9}\ \Phi_{15}^{9}\ \Phi_{12}^{9}\ \Phi_{10}^{8}\ \Phi_{6}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
116623	1611	2300	$\frac{1}{115}$	$\frac{114}{575}$	$\frac{689}{2300}$	$\frac{461}{1150}$	$\Phi_{2300}\ \Phi_{575}\ \Phi_{460}\ \Phi_{100}\ \Phi_{92}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
116624	1611	535	$\frac{4}{535}$	$\frac{1}{5}$	$\frac{177}{535}$	$\frac{2}{5}$	$\Phi_{535}^3\ \Phi_{107}^3\ \Phi_5^4\ \Phi_1^5$
116625	1611	560	$\frac{23}{560}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^2\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_5^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
116626	1611	1440	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{35}{144}$	$\frac{109}{288}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}\ \Phi_{180}^2\ \Phi_{160}^2\ \Phi_{96}\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
116627	1611	1840	$\frac{1}{46}$	$\frac{229}{1840}$	$\frac{45}{184}$	$\frac{139}{368}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{184}\ \Phi_{115}\ \Phi_{92}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
116628	1611	920	$\frac{5}{184}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{920}^2\ \Phi_{460}^2\ \Phi_{230}^2\ \Phi_{184}\ \Phi_{115}^2\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
116629	1611	280	$\frac{1}{70}$	$\frac{23}{140}$	$\frac{39}{140}$	$\frac{101}{280}$	$\Phi_{280}^9\ \Phi_{140}^3\ \Phi_{70}^2\ \Phi_{56}^9\ \Phi_{40}^9\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^9\ \Phi_7^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
116630	1611	182	$\frac{3}{182}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{182}^9\ \Phi_{91}^9\ \Phi_{26}^9\ \Phi_{14}^6\ \Phi_{13}^9\ \Phi_7^8\ \Phi_2^6\ \Phi_1^9$
116631	1611	276	$\frac{1}{46}$	$\frac{5}{46}$	$\frac{41}{138}$	$\frac{97}{276}$	$\Phi_{276}^9\ \Phi_{92}^9\ \Phi_{46}^8\ \Phi_{23}^8\ \Phi_{12}^9\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
116632	1611	575	$\frac{4}{115}$	$\frac{38}{575}$	$\frac{37}{115}$	$\frac{39}{115}$	$\Phi_{575}^3\ \Phi_{115}^2\ \Phi_{25}^3\ \Phi_{23}^2\ \Phi_5^2\ \Phi_1^3$
116633	1611	812	$\frac{13}{406}$	$\frac{1}{14}$	$\frac{131}{406}$	$\frac{275}{812}$	$\Phi_{812}^3\ \Phi_{406}\ \Phi_{203}\ \Phi_{116}^3\ \Phi_{58}\ \Phi_{29}\ \Phi_{28}^3\ \Phi_4^3\ \Phi_1$
116634	1611	270	$\frac{1}{45}$	$\frac{1}{10}$	$\frac{44}{135}$	$\frac{91}{270}$	$\Phi_{270}^4\ \Phi_{135}^5\ \Phi_{90}^9\ \Phi_{54}^4\ \Phi_{45}^9\ \Phi_{30}^9\ \Phi_{27}^5\ \Phi_{18}^9\ \Phi_{15}^9\ \Phi_{10}^8\ \Phi_9^9\ \Phi_6^9\ \Phi_5^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
116635	1611	230	$\frac{1}{115}$	$\frac{51}{230}$	$\frac{38}{115}$	$\frac{77}{230}$	$\Phi_{230}^6\ \Phi_{115}^8\ \Phi_{46}^6\ \Phi_{23}^8\ \Phi_{10}^6\ \Phi_5^8\ \Phi_2^6\ \Phi_1^9$
116636	1611	1068	$\frac{1}{89}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{88}{267}$	$\Phi_{1068}^2\ \Phi_{534}^2\ \Phi_{267}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
116637	1611	266	$\frac{5}{266}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{87}{266}$	$\Phi_{266}^6\ \Phi_{133}^6\ \Phi_{38}^6\ \Phi_{19}^6\ \Phi_{14}^6\ \Phi_7^8\ \Phi_2^6\ \Phi_1^9$
116638	1611	231	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{52}{231}$	$\frac{25}{77}$	$\Phi_{231}^9\ \Phi_{77}^3\ \Phi_{33}^9\ \Phi_{21}^9\ \Phi_{11}^3\ \Phi_7^2\ \Phi_3^9\ \Phi_1^3$
116639	1611	529	$\frac{16}{529}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{171}{529}$	$\Phi_{529}^3\ \Phi_{23}^4\ \Phi_1^5$
116640	1611	1320	$\frac{3}{88}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{85}{264}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{330}^2\ \Phi_{264}\ \Phi_{165}^2\ \Phi_{132}\ \Phi_{120}^2\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
116641	1611	595	$\frac{4}{85}$	$\frac{58}{595}$	$\frac{1}{5}$	$\frac{27}{85}$	$\Phi_{595}^3\ \Phi_{119}^3\ \Phi_{85}\ \Phi_{35}^3\ \Phi_{17}\ \Phi_7^3\ \Phi_1$
116642	1611	784	$\frac{43}{784}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{247}{784}$	$\Phi_{784}^2\ \Phi_{392}^2\ \Phi_{196}^2\ \Phi_{112}^2\ \Phi_{98}^2\ \Phi_{56}^3\ \Phi_{49}^2\ \Phi_{28}^3\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
116643	1611	784	$\frac{43}{784}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{247}{784}$	$\Phi_{784}^2\ \Phi_{392}^2\ \Phi_{196}^2\ \Phi_{112}^2\ \Phi_{98}^2\ \Phi_{56}^2\ \Phi_{49}^3\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
116644	1611	1080	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{37}{216}$	$\frac{17}{54}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{216}\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{108}\ \Phi_{90}^2\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
116645	1611	260	$\frac{17}{260}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{81}{260}$	$\Phi_{260}^6\ \Phi_{130}^6\ \Phi_{65}^6\ \Phi_{52}^6\ \Phi_{26}^6\ \Phi_{20}^9\ \Phi_{13}^6\ \Phi_{10}^8\ \Phi_5^8\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
116646	1611	770	$\frac{6}{77}$	$\frac{71}{770}$	$\frac{1}{7}$	$\frac{233}{770}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}^3\ \Phi_{70}^2\ \Phi_{55}^2\ \Phi_{35}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
116647	1611	255	$\frac{4}{85}$	$\frac{9}{85}$	$\frac{1}{5}$	$\frac{76}{255}$	$\Phi_{255}^9\ \Phi_{85}\ \Phi_{51}^9\ \Phi_{17}\ \Phi_{15}^9\ \Phi_3^9\ \Phi_1$
116648	1611	760	$\frac{4}{95}$	$\frac{91}{760}$	$\frac{1}{5}$	$\frac{223}{760}$	$\Phi_{760}^2\ \Phi_{380}^2\ \Phi_{190}^2\ \Phi_{152}^2\ \Phi_{95}^3\ \Phi_{76}^2\ \Phi_{40}^2\ \Phi_{38}^2\ \Phi_{20}^2\ \Phi_{19}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
116649	1611	1260	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{84}$	$\frac{73}{252}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}\ \Phi_{180}^2\ \Phi_{126}\ \Phi_{90}^2\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
116650	1611	665	$\frac{5}{133}$	$\frac{1}{7}$	$\frac{128}{665}$	$\frac{2}{7}$	$\Phi_{665}^3\ \Phi_{95}^3\ \Phi_{35}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
116651	1611	560	$\frac{23}{560}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
116652	1611	184	$\frac{5}{184}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{184}^9\ \Phi_{92}^9\ \Phi_{46}^8\ \Phi_{23}^8\ \Phi_8^9\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
116653	1611	736	$\frac{1}{46}$	$\frac{139}{736}$	$\frac{45}{184}$	$\frac{199}{736}$	$\Phi_{736}^2\ \Phi_{368}^2\ \Phi_{184}^3\ \Phi_{92}^3\ \Phi_{46}^2\ \Phi_{32}^2\ \Phi_{23}^2\ \Phi_{16}^2\ \Phi_8^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
116654	1611	245	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{47}{245}$	$\frac{66}{245}$	$\Phi_{245}^6\ \Phi_{49}^9\ \Phi_{35}^6\ \Phi_7^8\ \Phi_5^6\ \Phi_1^9$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
116655	1611	240	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{19}{80}$	$\frac{61}{240}$	$\Phi_{240}^{9}\ \Phi_{120}^{9}\ \Phi_{60}^{9}\ \Phi_{48}^{9}\ \Phi_{30}^{9}\ \Phi_{24}^{9}\ \Phi_{20}^{9}\ \Phi_{15}^{9}\ \Phi_{12}^{9}\ \Phi_{10}^{8}\ \Phi_{6}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
116656	1611	960	$\frac{13}{192}$	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{960}^{2}\ \Phi_{480}^{2}\ \Phi_{320}^{2}\ \Phi_{240}^{2}\ \Phi_{192}\ \Phi_{160}^{2}\ \Phi_{120}^{2}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}^{2}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}^{2}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
116657	1611	220	$\frac{3}{44}$	$\frac{1}{10}$	$\frac{41}{220}$	$\frac{1}{4}$	$\Phi_{220}^{7}\ \Phi_{110}^{7}\ \Phi_{55}^{7}\ \Phi_{44}^{8}\ \Phi_{22}^{8}\ \Phi_{20}^{9}\ \Phi_{11}^{8}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
116658	1611	1900	$\frac{4}{95}$	$\frac{289}{1900}$	$\frac{1}{5}$	$\frac{91}{380}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{475}\ \Phi_{100}\ \Phi_{95}\ \Phi_{50}\ \Phi_{25}\ \Phi_{19}\ \Phi_{1}$
116659	1611	1792	$\frac{1}{14}$	$\frac{181}{1792}$	$\frac{43}{224}$	$\frac{13}{56}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
116660	1611	1960	$\frac{1}{14}$	$\frac{43}{392}$	$\frac{349}{1960}$	$\frac{13}{56}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{280}\ \Phi_{245}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
116661	1611	616	$\frac{6}{77}$	$\frac{79}{616}$	$\frac{1}{7}$	$\frac{71}{308}$	$\Phi_{616}^{3}\ \Phi_{308}^{2}\ \Phi_{154}^{2}\ \Phi_{88}^{3}\ \Phi_{77}^{3}\ \Phi_{56}^{3}\ \Phi_{44}^{2}\ \Phi_{28}^{2}\ \Phi_{22}^{2}\ \Phi_{14}^{2}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
116662	1611	196	$\frac{17}{196}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{196}$	$\Phi_{196}^{8}\ \Phi_{98}^{8}\ \Phi_{49}^{9}\ \Phi_{28}^{8}\ \Phi_{14}^{8}\ \Phi_{7}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
116663	1611	680	$\frac{4}{85}$	$\frac{27}{170}$	$\frac{1}{5}$	$\frac{143}{680}$	$\Phi_{680}^{3}\ \Phi_{340}^{3}\ \Phi_{136}^{3}\ \Phi_{85}\ \Phi_{68}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{17}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{1}$
116664	1611	200	$\frac{1}{10}$	$\frac{21}{200}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{200}^{9}\ \Phi_{100}^{9}\ \Phi_{50}^{4}\ \Phi_{40}^{9}\ \Phi_{25}^{5}\ \Phi_{20}^{9}\ \Phi_{10}^{8}\ \Phi_{8}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
116665	1611	210	$\frac{1}{10}$	$\frac{4}{35}$	$\frac{31}{210}$	$\frac{1}{5}$	$\Phi_{210}^{9}\ \Phi_{105}^{9}\ \Phi_{70}^{4}\ \Phi_{42}^{9}\ \Phi_{35}^{5}\ \Phi_{30}^{9}\ \Phi_{21}^{9}\ \Phi_{15}^{9}\ \Phi_{14}^{4}\ \Phi_{10}^{8}\ \Phi_{7}^{5}\ \Phi_{6}^{9}\ \Phi_{5}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
116666	1611	1925	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{314}{1925}$	$\frac{71}{385}$	$\Phi_{1925}\ \Phi_{275}\ \Phi_{175}\ \Phi_{77}\ \Phi_{25}\ \Phi_{11}\ \Phi_{1}$
116667	1611	1960	$\frac{43}{392}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{349}{1960}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{280}\ \Phi_{245}\ \Phi_{140}\ \Phi_{70}\ \Phi_{49}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
116668	1612	804	$\frac{1}{402}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{401}{804}$	$\Phi_{804}^{4}\ \Phi_{268}^{4}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
116669	1612	1614	$\frac{1}{269}$	$\frac{135}{538}$	$\frac{1}{3}$	$\frac{134}{269}$	$\Phi_{1614}^{2}\ \Phi_{807}\ \Phi_{6}^{2}$
116670	1612	716	$\frac{1}{179}$	$\frac{45}{358}$	$\frac{313}{716}$	$\frac{89}{179}$	$\Phi_{716}^{4}\ \Phi_{179}\ \Phi_{4}^{4}\ \Phi_{1}^{2}$
116671	1612	537	$\frac{1}{179}$	$\frac{134}{537}$	$\frac{45}{179}$	$\frac{89}{179}$	$\Phi_{537}^{4}\ \Phi_{179}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
116672	1612	801	$\frac{5}{801}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{398}{801}$	$\Phi_{801}^{2}\ \Phi_{267}^{2}\ \Phi_{89}^{2}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
116673	1612	800	$\frac{3}{400}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{397}{800}$	$\Phi_{800}^{4}\ \Phi_{160}^{4}\ \Phi_{32}^{4}\ \Phi_{20}\ \Phi_{10}$
116674	1612	984	$\frac{1}{123}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{61}{123}$	$\Phi_{984}^{3}\ \Phi_{328}^{3}\ \Phi_{123}\ \Phi_{41}\ \Phi_{24}^{4}\ \Phi_{8}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
116675	1612	615	$\frac{1}{123}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{61}{123}$	$\Phi_{615}^{3}\ \Phi_{205}^{3}\ \Phi_{123}\ \Phi_{41}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
116676	1612	738	$\frac{1}{123}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{61}{123}$	$\Phi_{738}^{3}\ \Phi_{369}^{3}\ \Phi_{123}\ \Phi_{41}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
116677	1612	1968	$\frac{1}{123}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{61}{123}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{328}\ \Phi_{123}\ \Phi_{48}\ \Phi_{41}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
116678	1612	1593	$\frac{19}{1593}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{787}{1593}$	$\Phi_{1593}\ \Phi_{531}\ \Phi_{177}\ \Phi_{59}\ \Phi_{27}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
116679	1612	540	$\frac{2}{135}$	$\frac{1}{9}$	$\frac{137}{540}$	$\frac{133}{270}$	$\Phi_{540}^{4}\ \Phi_{180}^{4}\ \Phi_{135}^{4}\ \Phi_{108}^{4}\ \Phi_{60}^{4}\ \Phi_{45}^{4}\ \Phi_{36}^{4}\ \Phi_{27}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{3}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
116680	1612	1525	$\frac{1}{61}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{30}{61}$	$\Phi_{1525}\ \Phi_{305}\ \Phi_{61}^{2}\ \Phi_{25}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
116681	1612	2562	$\frac{1}{61}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{30}{61}$	$\Phi_{2562}\ \Phi_{1281}\ \Phi_{366}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{6}^{2}$
116682	1612	915	$\frac{1}{61}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{30}{61}$	$\Phi_{915}^{2}\ \Phi_{305}\ \Phi_{183}^{2}\ \Phi_{61}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
116683	1612	179	$\frac{3}{179}$	$\frac{7}{179}$	$\frac{86}{179}$	$\frac{88}{179}$	$\Phi_{179}^{9}\ \Phi_{1}^{10}$
116684	1612	792	$\frac{7}{396}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{389}{792}$	$\Phi_{792}^{4}\ \Phi_{264}^{4}\ \Phi_{88}^{4}\ \Phi_{72}^{4}\ \Phi_{24}^{4}\ \Phi_{9}^{3}\ \Phi_{8}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
116685	1612	1020	$\frac{1}{51}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{25}{51}$	$\Phi_{1020}^{3}\ \Phi_{340}^{3}\ \Phi_{204}^{3}\ \Phi_{68}^{3}\ \Phi_{60}^{4}\ \Phi_{51}\ \Phi_{40}^{4}\ \Phi_{17}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
116686	1612	561	$\frac{1}{51}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{561}^{3}\ \Phi_{187}^{3}\ \Phi_{51}\ \Phi_{33}^{4}\ \Phi_{17}\ \Phi_{11}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
116687	1612	765	$\frac{1}{51}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{25}{51}$	$\Phi_{765}^{3}\ \Phi_{153}^{3}\ \Phi_{51}\ \Phi_{45}^{4}\ \Phi_{17}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
116688	1612	2040	$\frac{1}{51}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{25}{51}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{408}\ \Phi_{340}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}^{2}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{17}\ \Phi_{12}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
116689	1612	1785	$\frac{1}{51}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{25}{51}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{119}\ \Phi_{105}\ \Phi_{51}\ \Phi_{35}^{2}\ \Phi_{21}\ \Phi_{17}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
116690	1612	612	$\frac{1}{51}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{25}{51}$	$\Phi_{612}^{3}\ \Phi_{306}^{3}\ \Phi_{204}^{3}\ \Phi_{153}^{3}\ \Phi_{68}^{3}\ \Phi_{51}\ \Phi_{36}^{4}\ \Phi_{18}^{4}\ \Phi_{17}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
116691	1612	1575	$\frac{37}{1575}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{769}{1575}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{63}\ \Phi_{45}^{2}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
116692	1612	1750	$\frac{3}{125}$	$\frac{1}{14}$	$\frac{32}{125}$	$\frac{61}{125}$	$\Phi_{1750}\ \Phi_{875}\ \Phi_{350}\ \Phi_{250}\ \Phi_{175}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{10}$
116693	1612	486	$\frac{2}{81}$	$\frac{1}{9}$	$\frac{83}{486}$	$\frac{79}{162}$	$\Phi_{486}^{4}\ \Phi_{243}^{4}\ \Phi_{81}^{4}\ \Phi_{27}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
116694	1612	783	$\frac{23}{783}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{380}{783}$	$\Phi_{783}^{2}\ \Phi_{261}^{2}\ \Phi_{87}^{2}\ \Phi_{29}^{2}\ \Phi_{27}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
116695	1612	1611	$\frac{49}{1611}$	$\frac{92}{1611}$	$\frac{415}{1611}$	$\frac{781}{1611}$	$\Phi_{1611}\ \Phi_{537}\ \Phi_{179}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
116696	1612	807	$\frac{25}{807}$	$\frac{32}{807}$	$\frac{1}{3}$	$\frac{391}{807}$	$\Phi_{807}^{2}\ \Phi_{269}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
116697	1612	540	$\frac{1}{30}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{540}^{6}\ \Phi_{180}^{6}\ \Phi_{108}^{6}\ \Phi_{60}^{4}\ \Phi_{36}^{6}\ \Phi_{27}^{2}\ \Phi_{20}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
116698	1612	1020	$\frac{1}{30}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{29}{60}$	$\Phi_{1020}^{3}\ \Phi_{340}^{3}\ \Phi_{204}^{3}\ \Phi_{68}^{3}\ \Phi_{60}^{4}\ \Phi_{20}^{4}\ \Phi_{17}^{3}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
116699	1612	420	$\frac{1}{30}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{29}{60}$	$\Phi_{420}^{8}\ \Phi_{140}^{8}\ \Phi_{84}^{8}\ \Phi_{70}\ \Phi_{60}^{4}\ \Phi_{35}\ \Phi_{28}^{8}\ \Phi_{20}^{4}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{4}^{4}$
116700	1612	2400	$\frac{1}{32}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{96}^{2}\ \Phi_{60}\ \Phi_{48}^{2}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
116701	1612	1050	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{13}{75}$	$\frac{12}{25}$	$\Phi_{1050}^{2}\ \Phi_{525}^{2}\ \Phi_{350}\ \Phi_{210}^{2}\ \Phi_{175}\ \Phi_{150}^{2}\ \Phi_{105}^{2}\ \Phi_{70}\ \Phi_{50}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{21}^{2}\ \Phi_{10}\ \Phi_{6}^{2}$
116702	1612	450	$\frac{2}{45}$	$\frac{47}{450}$	$\frac{1}{9}$	$\frac{43}{90}$	$\Phi_{450}^{4}\ \Phi_{225}^{4}\ \Phi_{150}^{4}\ \Phi_{75}^{4}\ \Phi_{50}^{4}\ \Phi_{45}^{4}\ \Phi_{25}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{3}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
116703	1612	1539	$\frac{73}{1539}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{733}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}^{2}\ \Phi_{57}\ \Phi_{27}^{2}\ \Phi_{19}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
116704	1612	378	$\frac{1}{27}$	$\frac{1}{21}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{378}^{6}\ \Phi_{189}^{3}\ \Phi_{126}^{6}\ \Phi_{63}^{3}\ \Phi_{54}^{6}\ \Phi_{42}^{4}\ \Phi_{27}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{6}\ \Phi_{14}^{4}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
116705	1612	765	$\frac{41}{765}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{362}{765}$	$\Phi_{765}^{2}\ \Phi_{255}^{2}\ \Phi_{153}^{2}\ \Phi_{85}^{2}\ \Phi_{51}^{2}\ \Phi_{45}^{4}\ \Phi_{17}^{2}\ \Phi_{15}^{4}\ \Phi_{9}^{3}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
116706	1612	1696	$\frac{1}{32}$	$\frac{3}{53}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{1696}\ \Phi_{848}\ \Phi_{424}\ \Phi_{212}\ \Phi_{106}$
116707	1612	756	$\frac{25}{378}$	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{353}{756}$	$\Phi_{756}^{4}\ \Phi_{252}^{4}\ \Phi_{108}^{4}\ \Phi_{84}^{4}\ \Phi_{36}^{4}\ \Phi_{28}^{4}\ \Phi_{27}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
116708	1612	432	$\frac{29}{432}$	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{25}{54}$	$\Phi_{432}^{4}\ \Phi_{216}^{4}\ \Phi_{144}^{4}\ \Phi_{108}^{4}\ \Phi_{72}^{4}\ \Phi_{48}^{4}\ \Phi_{36}^{4}\ \Phi_{27}^{4}\ \Phi_{24}^{4}\ \Phi_{16}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{3}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
116709	1612	1611	$\frac{38}{1611}$	$\frac{121}{1611}$	$\frac{433}{1611}$	$\frac{745}{1611}$	$\Phi_{1611}\ \Phi_{537}\ \Phi_{179}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
116710	1612	807	$\frac{14}{807}$	$\frac{61}{807}$	$\frac{1}{3}$	$\frac{373}{807}$	$\Phi_{807}^{2}\ \Phi_{269}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
116711	1612	504	$\frac{1}{63}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{504}^{6}\ \Phi_{168}^{6}\ \Phi_{72}^{6}\ \Phi_{63}^{2}\ \Phi_{56}^{6}\ \Phi_{24}^{4}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{4}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
116712	1612	984	$\frac{1}{41}$	$\frac{1}{12}$	$\frac{10}{41}$	$\frac{11}{24}$	$\Phi_{984}^{3}\ \Phi_{328}^{3}\ \Phi_{41}^{3}\ \Phi_{24}^{4}\ \Phi_{8}^{4}\ \Phi_{1}^{4}$
116713	1612	480	$\frac{1}{32}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{5}\ \Phi_{120}^{3}\ \Phi_{80}^{5}\ \Phi_{60}^{4}\ \Phi_{40}^{4}\ \Phi_{30}^{4}\ \Phi_{20}^{5}\ \Phi_{15}^{4}\ \Phi_{10}^{5}\ \Phi_{5}^{4}$
116714	1612	1485	$\frac{8}{135}$	$\frac{127}{1485}$	$\frac{1}{9}$	$\frac{679}{1485}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}^{2}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}^{2}\ \Phi_{33}\ \Phi_{27}^{2}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
116715	1612	729	$\frac{4}{81}$	$\frac{77}{729}$	$\frac{1}{9}$	$\frac{326}{729}$	$\Phi_{729}^{2}\ \Phi_{243}^{2}\ \Phi_{81}^{4}\ \Phi_{27}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
116716	1612	2968	$\frac{1}{53}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{2968}\ \Phi_{424}\ \Phi_{212}\ \Phi_{106}$
116717	1612	1512	$\frac{1}{27}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{1512}^{2}\ \Phi_{504}^{2}\ \Phi_{216}^{2}\ \Phi_{189}\ \Phi_{168}^{2}\ \Phi_{72}^{2}\ \Phi_{63}\ \Phi_{24}^{2}\ \Phi_{21}$
116718	1612	126	$\frac{1}{63}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{126}^{18}\ \Phi_{63}^{8}\ \Phi_{42}^{18}\ \Phi_{21}^{8}\ \Phi_{18}^{16}\ \Phi_{14}^{18}\ \Phi_{9}^{7}\ \Phi_{7}^{8}\ \Phi_{6}^{16}\ \Phi_{3}^{7}\ \Phi_{2}^{16}\ \Phi_{1}^{8}$
116719	1612	108	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{108}^{18}\ \Phi_{54}^{18}\ \Phi_{36}^{16}\ \Phi_{27}^{8}\ \Phi_{18}^{16}\ \Phi_{12}^{16}\ \Phi_{9}^{7}\ \Phi_{6}^{16}\ \Phi_{4}^{16}\ \Phi_{3}^{7}\ \Phi_{2}^{16}\ \Phi_{1}^{8}$
116720	1612	720	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{43}{360}$	$\frac{317}{720}$	$\Phi_{720}^{4}\ \Phi_{240}^{4}\ \Phi_{144}^{4}\ \Phi_{80}^{4}\ \Phi_{48}^{4}\ \Phi_{45}^{4}\ \Phi_{16}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{3}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
116721	1612	945	$\frac{1}{27}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}\ \Phi_{135}^{2}\ \Phi_{105}^{2}\ \Phi_{63}\ \Phi_{45}^{2}\ \Phi_{21}\ \Phi_{15}^{2}$
116722	1612	54	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{54}^{52}\ \Phi_{27}^{8}\ \Phi_{18}^{52}\ \Phi_{9}^{7}\ \Phi_{6}^{52}\ \Phi_{3}^{7}\ \Phi_{2}^{52}\ \Phi_{1}^{8}$
116723	1612	675	$\frac{4}{135}$	$\frac{1}{9}$	$\frac{131}{675}$	$\frac{272}{675}$	$\Phi_{675}^{2}\ \Phi_{225}^{2}\ \Phi_{135}^{4}\ \Phi_{75}^{2}\ \Phi_{45}^{4}\ \Phi_{27}^{4}\ \Phi_{25}^{2}\ \Phi_{15}^{4}\ \Phi_{9}^{3}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
116724	1612	910	$\frac{3}{65}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{910}^{2}\ \Phi_{455}^{2}\ \Phi_{182}^{2}\ \Phi_{130}^{2}\ \Phi_{91}^{2}\ \Phi_{70}\ \Phi_{35}\ \Phi_{26}^{2}\ \Phi_{10}$
116725	1612	414	$\frac{11}{414}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{414}^{4}\ \Phi_{207}^{4}\ \Phi_{138}^{4}\ \Phi_{69}^{4}\ \Phi_{46}^{4}\ \Phi_{23}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
116726	1612	350	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{6}{25}$	$\frac{19}{50}$	$\Phi_{350}^{5}\ \Phi_{175}^{5}\ \Phi_{70}^{5}\ \Phi_{50}\ \Phi_{35}^{5}\ \Phi_{25}^{4}\ \Phi_{14}^{4}\ \Phi_{10}\ \Phi_{7}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
116727	1612	648	$\frac{2}{81}$	$\frac{1}{9}$	$\frac{79}{324}$	$\frac{245}{648}$	$\Phi_{648}^{4}\ \Phi_{216}^{4}\ \Phi_{81}^{4}\ \Phi_{72}^{4}\ \Phi_{27}^{4}\ \Phi_{24}^{4}\ \Phi_{9}^{3}\ \Phi_{8}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
116728	1612	2040	$\frac{5}{408}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{120}\ \Phi_{85}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
116729	1612	2544	$\frac{1}{53}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{2544}\ \Phi_{848}\ \Phi_{424}\ \Phi_{212}\ \Phi_{106}$
116730	1612	1215	$\frac{8}{405}$	$\frac{1}{9}$	$\frac{397}{1215}$	$\frac{409}{1215}$	$\Phi_{1215}\ \Phi_{405}^{2}\ \Phi_{243}\ \Phi_{135}^{2}\ \Phi_{81}^{2}\ \Phi_{45}^{2}\ \Phi_{27}^{2}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
116731	1612	3030	$\frac{1}{101}$	$\frac{1}{5}$	$\frac{100}{303}$	$\frac{203}{606}$	$\Phi_{3030}\ \Phi_{1010}\ \Phi_{505}\ \Phi_{30}\ \Phi_{10}$
116732	1612	405	$\frac{2}{405}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{405}^{4}\ \Phi_{135}^{4}\ \Phi_{81}^{4}\ \Phi_{45}^{4}\ \Phi_{27}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
116733	1612	603	$\frac{1}{201}$	$\frac{200}{603}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{603}^{4}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
116734	1612	1608	$\frac{1}{134}$	$\frac{133}{536}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1608}\ \Phi_{804}\ \Phi_{536}^{2}\ \Phi_{268}^{2}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
116735	1612	1005	$\frac{2}{201}$	$\frac{199}{1005}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1005}^{2}\ \Phi_{335}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
116736	1612	408	$\frac{5}{408}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{408}^{4}\ \Phi_{204}^{4}\ \Phi_{136}^{4}\ \Phi_{102}^{4}\ \Phi_{68}^{4}\ \Phi_{51}^{4}\ \Phi_{34}^{4}\ \Phi_{24}^{4}\ \Phi_{17}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
116737	1612	1407	$\frac{1}{67}$	$\frac{66}{469}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1407}\ \Phi_{469}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
116738	1612	315	$\frac{1}{63}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{63}^{2}\ \Phi_{45}^{6}\ \Phi_{35}^{6}\ \Phi_{21}^{2}\ \Phi_{15}^{4}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
116739	1612	201	$\frac{2}{67}$	$\frac{5}{67}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{201}^{6}\ \Phi_{67}^{12}\ \Phi_{3}^{7}\ \Phi_{1}^{14}$
116740	1612	672	$\frac{1}{32}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{224}^{4}\ \Phi_{168}^{2}\ \Phi_{112}^{4}\ \Phi_{96}\ \Phi_{84}^{2}\ \Phi_{56}^{4}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}^{2}\ \Phi_{28}^{4}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
116741	1612	297	$\frac{1}{27}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{297}^{6}\ \Phi_{99}^{6}\ \Phi_{33}^{4}\ \Phi_{27}^{2}\ \Phi_{11}^{4}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
116742	1612	135	$\frac{1}{27}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{135}^{12}\ \Phi_{45}^{10}\ \Phi_{27}^{14}\ \Phi_{15}^{12}\ \Phi_{9}^{12}\ \Phi_{5}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
116743	1612	126	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{126}^{12}\ \Phi_{63}^{14}\ \Phi_{42}^{12}\ \Phi_{21}^{14}\ \Phi_{18}^{10}\ \Phi_{14}^{12}\ \Phi_{9}^{12}\ \Phi_{7}^{14}\ \Phi_{6}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
116744	1612	1008	$\frac{1}{63}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{144}^{2}\ \Phi_{112}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{56}^{2}\ \Phi_{48}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{16}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
116745	1612	615	$\frac{1}{41}$	$\frac{2}{15}$	$\frac{10}{41}$	$\frac{1}{3}$	$\Phi_{615}^{3}\ \Phi_{205}^{3}\ \Phi_{41}^{3}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
116746	1612	561	$\frac{1}{17}$	$\frac{2}{33}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{561}^{3}\ \Phi_{187}^{3}\ \Phi_{33}^{4}\ \Phi_{17}^{3}\ \Phi_{11}^{4}\ \Phi_{1}^{4}$
116747	1612	1080	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{216}^{2}\ \Phi_{180}^{2}\ \Phi_{120}\ \Phi_{108}^{2}\ \Phi_{72}^{2}\ \Phi_{60}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
116748	1612	480	$\frac{1}{32}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{4}\ \Phi_{120}^{3}\ \Phi_{96}^{4}\ \Phi_{80}^{4}\ \Phi_{60}^{3}\ \Phi_{48}^{4}\ \Phi_{40}^{4}\ \Phi_{32}^{4}\ \Phi_{30}^{3}\ \Phi_{24}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
116749	1612	945	$\frac{1}{27}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{105}\ \Phi_{63}^{2}\ \Phi_{35}^{2}\ \Phi_{27}^{2}\ \Phi_{21}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
116750	1612	2310	$\frac{2}{33}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{330}\ \Phi_{110}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
116751	1612	675	$\frac{1}{27}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{675}^{3}\ \Phi_{225}^{3}\ \Phi_{75}^{2}\ \Phi_{27}^{2}\ \Phi_{25}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
116752	1612	108	$\frac{1}{27}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{108}^{18}\ \Phi_{54}^{12}\ \Phi_{36}^{16}\ \Phi_{27}^{14}\ \Phi_{18}^{10}\ \Phi_{12}^{16}\ \Phi_{9}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{16}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
116753	1612	600	$\frac{3}{200}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{197}{600}$	$\Phi_{600}^{4}\ \Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{120}^{4}\ \Phi_{75}^{4}\ \Phi_{60}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{6}^{4}\ \Phi_{3}^{4}$
116754	1612	594	$\frac{7}{198}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{191}{594}$	$\Phi_{594}^{4}\ \Phi_{297}^{4}\ \Phi_{54}^{4}\ \Phi_{27}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
116755	1612	486	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{83}{486}$	$\frac{77}{243}$	$\Phi_{486}^{4}\ \Phi_{243}^{2}\ \Phi_{162}^{4}\ \Phi_{81}^{4}\ \Phi_{54}^{4}\ \Phi_{27}^{4}\ \Phi_{18}^{4}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
116756	1612	765	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{4}{17}$	$\frac{14}{45}$	$\Phi_{765}^{3}\ \Phi_{153}^{3}\ \Phi_{45}^{4}\ \Phi_{17}^{3}\ \Phi_{9}^{4}\ \Phi_{1}^{4}$
116757	1612	630	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{14}{45}$	$\Phi_{630}^{4}\ \Phi_{315}^{4}\ \Phi_{126}^{4}\ \Phi_{90}^{4}\ \Phi_{70}\ \Phi_{63}^{4}\ \Phi_{35}\ \Phi_{18}^{4}\ \Phi_{10}$
116758	1612	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{14}{45}$	$\Phi_{45}^{34}\ \Phi_{15}^{40}\ \Phi_{9}^{33}\ \Phi_{5}^{40}\ \Phi_{3}^{39}\ \Phi_{1}^{40}$
116759	1612	81	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{81}^{26}\ \Phi_{27}^{8}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
116760	1612	567	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{25}{189}$	$\frac{164}{567}$	$\Phi_{567}^{4}\ \Phi_{81}^{4}\ \Phi_{27}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
116761	1612	738	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{10}{41}$	$\frac{5}{18}$	$\Phi_{738}^{3}\ \Phi_{369}^{3}\ \Phi_{41}^{3}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
116762	1612	1440	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{1440}^2\ \Phi_{720}^2\ \Phi_{360}^2\ \Phi_{180}^2\ \Phi_{160}\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
116763	1612	1890	$\frac{1}{14}$	$\frac{11}{135}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{189}\ \Phi_{126}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{54}\ \Phi_{35}\ \Phi_{18}\ \Phi_{10}$
116764	1612	378	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{378}^4\ \Phi_{189}^5\ \Phi_{126}^4\ \Phi_{63}^5\ \Phi_{54}^4\ \Phi_{42}^2\ \Phi_{27}^4\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
116765	1612	540	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{43}{180}$	$\frac{137}{540}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{54}^4\ \Phi_{45}^4\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
116766	1612	656	$\frac{1}{41}$	$\frac{3}{16}$	$\frac{10}{41}$	$\frac{1}{4}$	$\Phi_{656}^3\ \Phi_{328}^3\ \Phi_{41}^3\ \Phi_{16}^4\ \Phi_8^4\ \Phi_1^4$
116767	1612	500	$\frac{3}{100}$	$\frac{97}{500}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{500}^4\ \Phi_{250}^4\ \Phi_{125}^4\ \Phi_{20}\ \Phi_{10}$
116768	1612	160	$\frac{1}{32}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{160}^{13}\ \Phi_{80}^{12}\ \Phi_{40}^{12}\ \Phi_{20}^{13}\ \Phi_{10}^{13}\ \Phi_5^{12}$
116769	1612	480	$\frac{3}{80}$	$\frac{77}{480}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^4\ \Phi_3^4$
116770	1612	420	$\frac{17}{420}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}\ \Phi_7^4\ \Phi_6^4\ \Phi_3^4$
116771	1612	440	$\frac{3}{40}$	$\frac{37}{440}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{440}^4\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{88}^4\ \Phi_{55}^4\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{20}\ \Phi_{11}^4\ \Phi_{10}$
116772	1612	680	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{4}{17}$	$\Phi_{680}^3\ \Phi_{340}^3\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{17}^3\ \Phi_8^4\ \Phi_4^4\ \Phi_1^4$
116773	1612	595	$\frac{1}{17}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{4}{17}$	$\Phi_{595}^3\ \Phi_{119}^3\ \Phi_{35}^4\ \Phi_{17}^3\ \Phi_7^4\ \Phi_1^4$
116774	1612	612	$\frac{1}{17}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{4}{17}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{204}^3\ \Phi_{153}^3\ \Phi_{68}^3\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{17}^3\ \Phi_{12}^4\ \Phi_9^4\ \Phi_4^4\ \Phi_1^4$
116775	1612	280	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{40}$	$\Phi_{280}^8\ \Phi_{140}^8\ \Phi_{70}\ \Phi_{56}^8\ \Phi_{40}^4\ \Phi_{35}\ \Phi_{28}^8\ \Phi_{20}^4\ \Phi_{10}\ \Phi_8^4\ \Phi_4^4$
116776	1612	432	$\frac{29}{432}$	$\frac{1}{9}$	$\frac{7}{36}$	$\frac{2}{9}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{48}^4\ \Phi_{27}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
116777	1612	495	$\frac{7}{99}$	$\frac{1}{9}$	$\frac{92}{495}$	$\frac{2}{9}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{55}^4\ \Phi_{45}^4\ \Phi_{15}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
116778	1612	70	$\frac{1}{14}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{70}^{25}\ \Phi_{35}^{21}\ \Phi_{14}^{24}\ \Phi_{10}^{25}\ \Phi_7^{20}\ \Phi_5^{24}\ \Phi_2^{24}\ \Phi_1^{24}$
116779	1612	1050	$\frac{1}{14}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{5}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{70}\ \Phi_{50}^2\ \Phi_{35}\ \Phi_{10}$
116780	1612	1260	$\frac{1}{14}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{315}^2\ \Phi_{180}\ \Phi_{140}^2\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}\ \Phi_{45}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
116781	1612	450	$\frac{47}{450}$	$\frac{1}{9}$	$\frac{37}{225}$	$\frac{8}{45}$	$\Phi_{450}^4\ \Phi_{225}^3\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^3\ \Phi_{50}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{25}^3\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^3\ \Phi_6^4\ \Phi_5^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
116782	1612	945	$\frac{1}{9}$	$\frac{37}{315}$	$\frac{139}{945}$	$\frac{8}{45}$	$\Phi_{945}^2\ \Phi_{315}\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
116783	1613	3216	$\frac{5}{1608}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1603}{3216}$	$\Phi_{3216}\ \Phi_{1072}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
116784	1613	2976	$\frac{1}{124}$	$\frac{125}{1488}$	$\frac{1363}{2976}$	$\frac{123}{248}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{248}\ \Phi_{96}\ \Phi_{32}\ \Phi_8\ \Phi_1$
116785	1613	2232	$\frac{1}{124}$	$\frac{125}{744}$	$\frac{619}{2232}$	$\frac{123}{248}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{558}\ \Phi_{279}\ \Phi_{248}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
116786	1613	1984	$\frac{1}{124}$	$\frac{371}{1984}$	$\frac{125}{496}$	$\frac{123}{248}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{248}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_1$
116787	1613	3200	$\frac{13}{1600}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1587}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{128}\ \Phi_{16}\ \Phi_8\ \Phi_1$
116788	1613	3120	$\frac{1}{52}$	$\frac{53}{1560}$	$\frac{1507}{3120}$	$\frac{51}{104}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{104}\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
116789	1613	2080	$\frac{1}{52}$	$\frac{53}{520}$	$\frac{467}{2080}$	$\frac{51}{104}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{416}\ \Phi_{208}\ \Phi_{160}\ \Phi_{104}\ \Phi_{80}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
116790	1613	1872	$\frac{1}{52}$	$\frac{259}{1872}$	$\frac{53}{312}$	$\frac{51}{104}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
116791	1613	3120	$\frac{53}{1560}$	$\frac{1}{26}$	$\frac{25}{78}$	$\frac{1507}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{80}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{16}\ \Phi_6\ \Phi_3\ \Phi_1$
116792	1613	3120	$\frac{53}{1560}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1507}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{80}\ \Phi_{65}\ \Phi_{48}\ \Phi_{16}\ \Phi_5\ \Phi_1$
116793	1613	1950	$\frac{12}{325}$	$\frac{1}{13}$	$\frac{337}{1950}$	$\frac{313}{650}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{390}\ \Phi_{325}\ \Phi_{195}\ \Phi_{150}\ \Phi_{78}\ \Phi_{75}\ \Phi_{65}\ \Phi_{39}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
116794	1613	2184	$\frac{1}{26}$	$\frac{25}{546}$	$\frac{571}{2184}$	$\frac{521}{1092}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{182}\ \Phi_{168}\ \Phi_{104}\ \Phi_{91}\ \Phi_{78}\ \Phi_{56}\ \Phi_{42}\ \Phi_{39}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
116795	1613	2976	$\frac{1}{62}$	$\frac{125}{1488}$	$\frac{61}{186}$	$\frac{1363}{2976}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{186}\ \Phi_{96}\ \Phi_{93}\ \Phi_{32}\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
116796	1613	1872	$\frac{1}{26}$	$\frac{25}{234}$	$\frac{259}{1872}$	$\frac{209}{468}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
116797	1613	2912	$\frac{1}{52}$	$\frac{157}{1456}$	$\frac{51}{208}$	$\frac{1299}{2912}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{224}\ \Phi_{208}\ \Phi_{104}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
116798	1613	2912	$\frac{1}{26}$	$\frac{157}{1456}$	$\frac{25}{182}$	$\frac{1299}{2912}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{224}\ \Phi_{182}\ \Phi_{91}\ \Phi_{32}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
116799	1613	2232	$\frac{1}{62}$	$\frac{61}{558}$	$\frac{619}{2232}$	$\frac{497}{1116}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{558}\ \Phi_{279}\ \Phi_{248}\ \Phi_{186}\ \Phi_{93}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
116800	1613	1820	$\frac{1}{26}$	$\frac{207}{1820}$	$\frac{25}{182}$	$\frac{157}{364}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{260}\ \Phi_{182}\ \Phi_{140}\ \Phi_{130}\ \Phi_{91}\ \Phi_{70}\ \Phi_{65}\ \Phi_{35}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
116801	1613	2808	$\frac{1}{26}$	$\frac{25}{234}$	$\frac{209}{1404}$	$\frac{1195}{2808}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{312}\ \Phi_{234}\ \Phi_{216}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{39}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
116802	1613	1690	$\frac{77}{1690}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{1690}\ \Phi_{845}\ \Phi_{338}\ \Phi_{169}\ \Phi_{65}\ \Phi_{5}\ \Phi_{1}$
116803	1613	1632	$\frac{19}{1632}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{96}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
116804	1613	2600	$\frac{12}{325}$	$\frac{1}{13}$	$\frac{313}{1300}$	$\frac{987}{2600}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{325}\ \Phi_{200}\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}\ \Phi_{25}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
116805	1613	2144	$\frac{5}{536}$	$\frac{531}{2144}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2144}\ \Phi_{1072}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
116806	1613	1632	$\frac{19}{1632}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{96}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
116807	1613	2496	$\frac{1}{52}$	$\frac{51}{416}$	$\frac{365}{1248}$	$\frac{883}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{192}\ \Phi_{104}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
116808	1613	1716	$\frac{1}{26}$	$\frac{103}{1716}$	$\frac{25}{78}$	$\frac{53}{156}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{286}\ \Phi_{143}\ \Phi_{132}\ \Phi_{78}\ \Phi_{66}\ \Phi_{44}\ \Phi_{39}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
116809	1613	1860	$\frac{1}{62}$	$\frac{247}{1860}$	$\frac{61}{186}$	$\frac{125}{372}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{465}\ \Phi_{310}\ \Phi_{186}\ \Phi_{155}\ \Phi_{93}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
116810	1613	2424	$\frac{3}{404}$	$\frac{1}{4}$	$\frac{401}{1212}$	$\frac{811}{2424}$	$\Phi_{2424}\ \Phi_{808}\ \Phi_{404}\ \Phi_{202}\ \Phi_{101}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
116811	1613	2232	$\frac{1}{62}$	$\frac{125}{744}$	$\frac{619}{2232}$	$\frac{61}{186}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{558}\ \Phi_{279}\ \Phi_{186}\ \Phi_{93}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
116812	1613	2400	$\frac{13}{800}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{787}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
116813	1613	2340	$\frac{1}{26}$	$\frac{53}{780}$	$\frac{727}{2340}$	$\frac{25}{78}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{234}\ \Phi_{180}\ \Phi_{117}\ \Phi_{90}\ \Phi_{78}\ \Phi_{45}\ \Phi_{39}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
116814	1613	1950	$\frac{1}{26}$	$\frac{53}{390}$	$\frac{337}{1950}$	$\frac{25}{78}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{325}\ \Phi_{150}\ \Phi_{78}\ \Phi_{75}\ \Phi_{50}\ \Phi_{39}\ \Phi_{25}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
116815	1613	1872	$\frac{1}{26}$	$\frac{259}{1872}$	$\frac{53}{312}$	$\frac{25}{78}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
116816	1613	2340	$\frac{53}{780}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{727}{2340}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{234}\ \Phi_{180}\ \Phi_{117}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
116817	1613	2106	$\frac{1}{26}$	$\frac{25}{234}$	$\frac{493}{2106}$	$\frac{209}{702}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{234}\ \Phi_{162}\ \Phi_{117}\ \Phi_{81}\ \Phi_{78}\ \Phi_{39}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
116818	1613	1755	$\frac{1}{13}$	$\frac{142}{1755}$	$\frac{12}{65}$	$\frac{53}{195}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{135}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}\ \Phi_{27}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
116819	1613	2184	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{157}{728}$	$\frac{571}{2184}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{182}\ \Phi_{168}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
116820	1613	1664	$\frac{51}{1664}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{128}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
116821	1613	2000	$\frac{13}{400}$	$\frac{3}{16}$	$\frac{387}{2000}$	$\frac{1}{4}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
116822	1613	1680	$\frac{67}{1680}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
116823	1613	1920	$\frac{13}{320}$	$\frac{307}{1920}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
116824	1613	1760	$\frac{13}{160}$	$\frac{147}{1760}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
116825	1613	2080	$\frac{1}{13}$	$\frac{53}{520}$	$\frac{12}{65}$	$\frac{467}{2080}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{416}\ \Phi_{208}\ \Phi_{160}\ \Phi_{80}\ \Phi_{65}\ \Phi_{32}\ \Phi_{16}\ \Phi_{5}\ \Phi_{1}$
116826	1613	1820	$\frac{1}{13}$	$\frac{207}{1820}$	$\frac{12}{65}$	$\frac{53}{260}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{182}\ \Phi_{140}\ \Phi_{91}\ \Phi_{70}\ \Phi_{65}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
116827	1613	1950	$\frac{1}{13}$	$\frac{53}{390}$	$\frac{337}{1950}$	$\frac{12}{65}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{325}\ \Phi_{150}\ \Phi_{75}\ \Phi_{65}\ \Phi_{50}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}$
116828	1614	2680	$\frac{1}{268}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{267}{536}$	$\Phi_{2680}\ \Phi_{536}^2\ \Phi_{40}\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{1}^2$
116829	1614	1608	$\frac{1}{268}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{267}{536}$	$\Phi_{1608}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_{6}$
116830	1614	3738	$\frac{2}{267}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{265}{534}$	$\Phi_{3738}\ \Phi_{1246}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
116831	1614	4800	$\frac{7}{800}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{793}{1600}$	$\Phi_{4800}\ \Phi_{960}\ \Phi_{192}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
116832	1614	2520	$\frac{1}{90}$	$\frac{1}{7}$	$\frac{91}{360}$	$\frac{89}{180}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{315}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
116833	1614	532	$\frac{3}{266}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{263}{532}$	$\Phi_{532}^2\ \Phi_{266}^4\ \Phi_{133}^4\ \Phi_{76}^2\ \Phi_{38}^4\ \Phi_{28}^3\ \Phi_{19}^4\ \Phi_{14}^5\ \Phi_{7}^4\ \Phi_{4}^2\ \Phi_{2}^4\ \Phi_{1}^4$
116834	1614	308	$\frac{1}{77}$	$\frac{39}{308}$	$\frac{1}{4}$	$\frac{38}{77}$	$\Phi_{308}^5\ \Phi_{154}^5\ \Phi_{77}^6\ \Phi_{44}^5\ \Phi_{28}^5\ \Phi_{22}^5\ \Phi_{14}^5\ \Phi_{11}^6\ \Phi_{7}^6\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
116835	1614	3710	$\frac{4}{265}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{261}{530}$	$\Phi_{3710}\ \Phi_{742}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
116836	1614	2268	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{55}{324}$	$\frac{53}{108}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
116837	1614	528	$\frac{5}{264}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{259}{528}$	$\Phi_{528}^6\ \Phi_{176}^6\ \Phi_{48}^6\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}^6$
116838	1614	3696	$\frac{5}{264}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{259}{528}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{336}\ \Phi_{112}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
116839	1614	588	$\frac{1}{49}$	$\frac{25}{294}$	$\frac{1}{4}$	$\frac{24}{49}$	$\Phi_{588}^4\ \Phi_{294}^2\ \Phi_{196}^3\ \Phi_{147}^2\ \Phi_{98}\ \Phi_{84}^4\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^4\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
116840	1614	3654	$\frac{8}{261}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{253}{522}$	$\Phi_{3654}\ \Phi_{1218}\ \Phi_{406}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
116841	1614	2100	$\frac{1}{30}$	$\frac{31}{300}$	$\frac{1}{7}$	$\frac{29}{60}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
116842	1614	3640	$\frac{9}{260}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{251}{520}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{280}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{14}$
116843	1614	3570	$\frac{14}{255}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{241}{510}$	$\Phi_{3570}\ \Phi_{1190}\ \Phi_{714}\ \Phi_{238}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
116844	1614	2016	$\frac{1}{18}$	$\frac{19}{288}$	$\frac{1}{7}$	$\frac{17}{36}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
116845	1614	504	$\frac{1}{18}$	$\frac{17}{252}$	$\frac{1}{7}$	$\frac{235}{504}$	$\Phi_{504}^6\ \Phi_{168}^6\ \Phi_{126}\ \Phi_{72}^6\ \Phi_{63}\ \Phi_{56}^6\ \Phi_{42}\ \Phi_{24}^6\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}^6$
116846	1614	1100	$\frac{6}{275}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{1100}^2\ \Phi_{550}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{10}^2$
116847	1614	980	$\frac{1}{49}$	$\frac{24}{245}$	$\frac{1}{4}$	$\frac{221}{490}$	$\Phi_{980}^2\ \Phi_{245}^2\ \Phi_{196}^3\ \Phi_{140}^2\ \Phi_{98}\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
116848	1614	280	$\frac{11}{280}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{280}^6\ \Phi_{140}^5\ \Phi_{70}^6\ \Phi_{56}^6\ \Phi_{40}^6\ \Phi_{35}^6\ \Phi_{28}^5\ \Phi_{20}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_{8}^6\ \Phi_{7}^5\ \Phi_{5}^6\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^6$
116849	1614	3402	$\frac{1}{27}$	$\frac{26}{243}$	$\frac{1}{7}$	$\frac{217}{486}$	$\Phi_{3402}\ \Phi_{1134}\ \Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
116850	1614	3360	$\frac{1}{30}$	$\frac{29}{240}$	$\frac{1}{7}$	$\frac{211}{480}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{224}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
116851	1614	816	$\frac{3}{272}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{816}^3\ \Phi_{408}^3\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{48}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{3}^2$
116852	1614	4242	$\frac{1}{101}$	$\frac{100}{707}$	$\frac{1}{3}$	$\frac{607}{1414}$	$\Phi_{4242}\ \Phi_{606}\ \Phi_{303}\ \Phi_{42}\ \Phi_{6}$
116853	1614	1092	$\frac{4}{273}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{156}^2\ \Phi_{84}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{26}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{6}^2$
116854	1614	924	$\frac{1}{77}$	$\frac{38}{231}$	$\frac{1}{4}$	$\frac{193}{462}$	$\Phi_{924}^2\ \Phi_{308}^3\ \Phi_{231}^2\ \Phi_{154}\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{44}^3\ \Phi_{33}^2\ \Phi_{28}^3\ \Phi_{22}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
116855	1614	1932	$\frac{7}{276}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{161}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
116856	1614	3150	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{44}{225}$	$\frac{181}{450}$	$\Phi_{3150}\ \Phi_{1050}\ \Phi_{630}\ \Phi_{350}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
116857	1614	2010	$\frac{1}{134}$	$\frac{1}{5}$	$\frac{133}{402}$	$\frac{2}{5}$	$\Phi_{2010}\ \Phi_{1005}\ \Phi_{402}^2\ \Phi_{201}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
116858	1614	1360	$\frac{3}{272}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1360}\ \Phi_{680}\ \Phi_{340}\ \Phi_{272}^2\ \Phi_{170}\ \Phi_{136}^2\ \Phi_{85}\ \Phi_{80}\ \Phi_{68}^2\ \Phi_{40}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{1}^2$
116859	1614	335	$\frac{1}{67}$	$\frac{66}{335}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{335}^5\ \Phi_{67}^4\ \Phi_{5}^6\ \Phi_{1}^6$
116860	1614	3024	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{53}{216}$	$\frac{163}{432}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{378}\ \Phi_{336}\ \Phi_{189}\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
116861	1614	1212	$\frac{1}{202}$	$\frac{67}{202}$	$\frac{1}{3}$	$\frac{135}{404}$	$\Phi_{1212}^3\ \Phi_{606}\ \Phi_{303}\ \Phi_{12}^3\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
116862	1614	804	$\frac{1}{134}$	$\frac{1}{4}$	$\frac{133}{402}$	$\frac{1}{3}$	$\Phi_{804}^2\ \Phi_{402}\ \Phi_{268}^4\ \Phi_{201}\ \Phi_{134}^2\ \Phi_{67}^2\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
116863	1614	1200	$\frac{7}{400}$	$\frac{1}{8}$	$\frac{131}{400}$	$\frac{1}{3}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{300}^2\ \Phi_{240}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
116864	1614	303	$\frac{2}{101}$	$\frac{34}{303}$	$\frac{33}{101}$	$\frac{1}{3}$	$\Phi_{303}^5\ \Phi_{101}^6\ \Phi_3^4\ \Phi_1^6$
116865	1614	816	$\frac{3}{272}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{816}^3\ \Phi_{408}^3\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
116866	1614	3216	$\frac{3}{268}$	$\frac{265}{1072}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3216}\ \Phi_{1608}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
116867	1614	4020	$\frac{1}{67}$	$\frac{66}{335}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{4020}\ \Phi_{2010}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}\ \Phi_6$
116868	1614	2496	$\frac{25}{832}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{192}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
116869	1614	3000	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{193}{1000}$	$\frac{1}{3}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{375}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
116870	1614	840	$\frac{11}{280}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{168}^3\ \Phi_{120}^2\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{60}^2\ \Phi_{42}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
116871	1614	960	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{51}{320}$	$\frac{1}{3}$	$\Phi_{960}^3\ \Phi_{480}^2\ \Phi_{240}^2\ \Phi_{192}^3\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
116872	1614	2640	$\frac{73}{880}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
116873	1614	2772	$\frac{1}{77}$	$\frac{155}{693}$	$\frac{1}{4}$	$\frac{76}{231}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{198}\ \Phi_{154}\ \Phi_{126}\ \Phi_{44}\ \Phi_{36}\ \Phi_{28}\ \Phi_{22}\ \Phi_{18}\ \Phi_{14}$
116874	1614	1596	$\frac{3}{133}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{130}{399}$	$\Phi_{1596}^2\ \Phi_{798}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_6^2$
116875	1614	2268	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{55}{324}$	$\frac{26}{81}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
116876	1614	396	$\frac{5}{132}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{127}{396}$	$\Phi_{396}^6\ \Phi_{198}^6\ \Phi_{99}^6\ \Phi_{44}\ \Phi_{36}^6\ \Phi_{22}\ \Phi_{18}^6\ \Phi_9^6$
116877	1614	2772	$\frac{5}{132}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{127}{396}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{252}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
116878	1614	2730	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{121}{390}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{273}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
116879	1614	2244	$\frac{23}{561}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{374}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{44}\ \Phi_{34}\ \Phi_{22}$
116880	1614	378	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{1}{7}$	$\frac{109}{378}$	$\Phi_{378}^6\ \Phi_{189}^6\ \Phi_{126}\ \Phi_{63}\ \Phi_{54}^6\ \Phi_{42}\ \Phi_{27}^6\ \Phi_{21}\ \Phi_{14}$
116881	1614	2940	$\frac{1}{49}$	$\frac{48}{245}$	$\frac{1}{4}$	$\frac{197}{735}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{588}\ \Phi_{420}\ \Phi_{294}\ \Phi_{210}\ \Phi_{196}\ \Phi_{98}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
116882	1614	2520	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{29}{120}$	$\frac{91}{360}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
116883	1614	352	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{83}{352}$	$\frac{1}{4}$	$\Phi_{352}^6\ \Phi_{176}^6\ \Phi_{44}\ \Phi_{32}^6\ \Phi_{22}\ \Phi_{16}^6$
116884	1614	572	$\frac{17}{286}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{572}^4\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{52}^4\ \Phi_{44}\ \Phi_{26}^2\ \Phi_{22}\ \Phi_{13}^2$
116885	1614	280	$\frac{11}{280}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{56}^6\ \Phi_{40}^6\ \Phi_{35}^6\ \Phi_{28}^3\ \Phi_{20}^6\ \Phi_{14}^5\ \Phi_{10}^6\ \Phi_8^6\ \Phi_7^4\ \Phi_5^6\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
116886	1614	2660	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{127}{665}$	$\frac{1}{4}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{380}\ \Phi_{190}\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
116887	1614	660	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{61}{330}$	$\frac{1}{4}$	$\Phi_{660}^4\ \Phi_{330}^2\ \Phi_{220}^4\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{60}^4\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{30}^2\ \Phi_{22}\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
116888	1614	1188	$\frac{1}{11}$	$\frac{28}{297}$	$\frac{5}{33}$	$\frac{1}{4}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{22}\ \Phi_{18}^2$
116889	1614	308	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{308}$	$\frac{1}{4}$	$\Phi_{308}^6\ \Phi_{154}^6\ \Phi_{77}^6\ \Phi_{44}\ \Phi_{28}^6\ \Phi_{22}\ \Phi_{14}^6\ \Phi_7^6$
116890	1614	2016	$\frac{19}{288}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
116891	1614	2310	$\frac{5}{66}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{61}{330}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
116892	1615	1288	$\frac{1}{322}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{321}{644}$	$\Phi_{1288}^2\ \Phi_{644}\ \Phi_{184}^2\ \Phi_{92}\ \Phi_{56}^2\ \Phi_{28}\ \Phi_8^3\ \Phi_4\ \Phi_1$
116893	1615	3216	$\frac{7}{1608}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1601}{3216}$	$\Phi_{3216}\ \Phi_{1072}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
116894	1615	642	$\frac{2}{321}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{319}{642}$	$\Phi_{642}^2\ \Phi_{321}^3\ \Phi_{214}^2\ \Phi_{107}^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
116895	1615	3204	$\frac{13}{1602}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1589}{3204}$	$\Phi_{3204}\ \Phi_{1068}\ \Phi_{356}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
116896	1615	1848	$\frac{2}{231}$	$\frac{233}{1848}$	$\frac{1}{3}$	$\frac{229}{462}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{33}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
116897	1615	432	$\frac{1}{108}$	$\frac{1}{6}$	$\frac{109}{432}$	$\frac{107}{216}$	$\Phi_{432}^{5}\ \Phi_{144}^{5}\ \Phi_{108}^{5}\ \Phi_{54}^{5}\ \Phi_{48}^{5}\ \Phi_{36}^{5}\ \Phi_{27}^{5}\ \Phi_{18}^{5}\ \Phi_{16}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
116898	1615	1920	$\frac{3}{320}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{317}{640}$	$\Phi_{1920}^{2}\ \Phi_{640}\ \Phi_{384}^{2}\ \Phi_{128}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
116899	1615	1504	$\frac{1}{94}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{93}{188}$	$\Phi_{1504}^{2}\ \Phi_{188}\ \Phi_{32}^{3}\ \Phi_{4}\ \Phi_{1}$
116900	1615	1128	$\frac{1}{94}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{93}{188}$	$\Phi_{1128}^{2}\ \Phi_{564}^{2}\ \Phi_{282}^{2}\ \Phi_{188}\ \Phi_{141}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
116901	1615	940	$\frac{1}{94}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{93}{188}$	$\Phi_{940}^{2}\ \Phi_{470}^{2}\ \Phi_{235}^{2}\ \Phi_{188}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
116902	1615	504	$\frac{1}{84}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{83}{168}$	$\Phi_{504}^{6}\ \Phi_{168}^{7}\ \Phi_{72}^{6}\ \Phi_{56}^{7}\ \Phi_{36}\ \Phi_{24}^{7}\ \Phi_{12}\ \Phi_{8}^{7}\ \Phi_{4}\ \Phi_{1}$
116903	1615	168	$\frac{1}{84}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{83}{168}$	$\Phi_{168}^{19}\ \Phi_{56}^{19}\ \Phi_{24}^{19}\ \Phi_{21}\ \Phi_{8}^{19}\ \Phi_{7}\ \Phi_{1}$
116904	1615	1512	$\frac{1}{84}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{83}{168}$	$\Phi_{1512}^{3}\ \Phi_{216}^{3}\ \Phi_{168}\ \Phi_{56}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
116905	1615	168	$\frac{1}{84}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{83}{168}$	$\Phi_{168}^{7}\ \Phi_{84}^{12}\ \Phi_{56}^{7}\ \Phi_{42}^{12}\ \Phi_{28}^{12}\ \Phi_{24}^{8}\ \Phi_{21}^{12}\ \Phi_{14}^{12}\ \Phi_{12}^{13}\ \Phi_{8}^{8}\ \Phi_{7}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{13}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
116906	1615	1764	$\frac{2}{147}$	$\frac{149}{1764}$	$\frac{1}{3}$	$\frac{145}{294}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{49}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
116907	1615	1944	$\frac{5}{324}$	$\frac{1}{6}$	$\frac{329}{1944}$	$\frac{319}{648}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
116908	1615	636	$\frac{5}{318}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{313}{636}$	$\Phi_{636}^{5}\ \Phi_{212}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
116909	1615	3168	$\frac{31}{1584}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1553}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{96}\ \Phi_{33}\ \Phi_{32}\ \Phi_{11}\ \Phi_{1}$
116910	1615	3168	$\frac{31}{1584}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1553}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{96}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
116911	1615	558	$\frac{2}{93}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{91}{186}$	$\Phi_{558}^{3}\ \Phi_{279}^{3}\ \Phi_{186}^{2}\ \Phi_{93}^{3}\ \Phi_{62}^{2}\ \Phi_{31}^{3}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
116912	1615	630	$\frac{8}{315}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{307}{630}$	$\Phi_{630}^{2}\ \Phi_{315}^{3}\ \Phi_{210}^{2}\ \Phi_{126}^{2}\ \Phi_{105}^{3}\ \Phi_{90}^{2}\ \Phi_{70}^{2}\ \Phi_{63}^{3}\ \Phi_{45}^{3}\ \Phi_{42}^{2}\ \Phi_{35}^{3}\ \Phi_{30}^{2}\ \Phi_{21}^{3}\ \Phi_{18}^{5}\ \Phi_{15}^{3}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{5}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
116913	1615	360	$\frac{1}{36}$	$\frac{37}{360}$	$\frac{1}{6}$	$\frac{35}{72}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}^{5}\ \Phi_{90}^{5}\ \Phi_{60}^{5}\ \Phi_{45}^{5}\ \Phi_{40}^{5}\ \Phi_{36}^{5}\ \Phi_{30}^{5}\ \Phi_{20}^{5}\ \Phi_{18}^{5}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
116914	1615	1152	$\frac{1}{32}$	$\frac{1}{18}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{1152}^{2}\ \Phi_{384}^{2}\ \Phi_{288}^{2}\ \Phi_{144}^{2}\ \Phi_{128}\ \Phi_{96}^{2}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{32}\ \Phi_{24}^{2}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
116915	1615	3132	$\frac{49}{1566}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1517}{3132}$	$\Phi_{3132}\ \Phi_{1044}\ \Phi_{348}\ \Phi_{116}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
116916	1615	1656	$\frac{3}{92}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{89}{184}$	$\Phi_{1656}^{2}\ \Phi_{552}^{2}\ \Phi_{184}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
116917	1615	624	$\frac{11}{312}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{301}{624}$	$\Phi_{624}^{5}\ \Phi_{208}^{5}\ \Phi_{48}^{5}\ \Phi_{16}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
116918	1615	1728	$\frac{5}{108}$	$\frac{113}{1728}$	$\frac{1}{6}$	$\frac{103}{216}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
116919	1615	1044	$\frac{2}{87}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{1044}^{3}\ \Phi_{348}^{3}\ \Phi_{116}^{3}\ \Phi_{87}\ \Phi_{36}\ \Phi_{29}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
116920	1615	252	$\frac{1}{42}$	$\frac{1}{18}$	$\frac{41}{126}$	$\frac{17}{36}$	$\Phi_{252}^{12}\ \Phi_{126}\ \Phi_{84}^{12}\ \Phi_{63}\ \Phi_{36}^{13}\ \Phi_{28}^{12}\ \Phi_{18}\ \Phi_{12}^{13}\ \Phi_{9}\ \Phi_{4}^{13}\ \Phi_{1}$
116921	1615	792	$\frac{3}{88}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{99}^{2}\ \Phi_{88}^{3}\ \Phi_{72}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{3}\ \Phi_{36}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{3}\ \Phi_{12}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
116922	1615	1008	$\frac{1}{28}$	$\frac{1}{18}$	$\frac{27}{112}$	$\frac{17}{36}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{144}^{2}\ \Phi_{112}^{3}\ \Phi_{72}^{2}\ \Phi_{56}^{3}\ \Phi_{48}^{2}\ \Phi_{36}\ \Phi_{24}^{2}\ \Phi_{16}^{3}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
116923	1615	252	$\frac{1}{21}$	$\frac{1}{18}$	$\frac{4}{21}$	$\frac{17}{36}$	$\Phi_{252}^{12}\ \Phi_{84}^{12}\ \Phi_{36}^{13}\ \Phi_{28}^{12}\ \Phi_{21}^{4}\ \Phi_{12}^{13}\ \Phi_{7}^{4}\ \Phi_{4}^{13}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
116924	1615	36	$\frac{1}{18}$	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{36}^{85}\ \Phi_{18}^{5}\ \Phi_{12}^{85}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{85}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
116925	1615	3276	$\frac{1}{18}$	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{17}{36}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{156}\ \Phi_{91}\ \Phi_{52}\ \Phi_{36}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
116926	1615	1764	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{17}{36}$	$\Phi_{1764}^{2}\ \Phi_{588}^{2}\ \Phi_{196}^{2}\ \Phi_{98}\ \Phi_{49}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
116927	1615	288	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{17}{36}$	$\Phi_{288}^{6}\ \Phi_{144}^{6}\ \Phi_{96}^{7}\ \Phi_{72}^{6}\ \Phi_{48}^{7}\ \Phi_{36}\ \Phi_{32}^{7}\ \Phi_{24}^{7}\ \Phi_{16}^{7}\ \Phi_{12}\ \Phi_{8}^{7}\ \Phi_{4}\ \Phi_{1}$
116928	1615	330	$\frac{7}{330}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{330}^{5}\ \Phi_{165}^{5}\ \Phi_{110}^{5}\ \Phi_{66}^{4}\ \Phi_{55}^{5}\ \Phi_{33}^{5}\ \Phi_{30}^{5}\ \Phi_{22}^{4}\ \Phi_{15}^{5}\ \Phi_{11}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
116929	1615	4512	$\frac{1}{47}$	$\frac{1}{16}$	$\frac{46}{141}$	$\frac{15}{32}$	$\Phi_{4512}\ \Phi_{141}\ \Phi_{96}\ \Phi_{32}\ \Phi_3\ \Phi_1$
116930	1615	1504	$\frac{2}{47}$	$\frac{1}{16}$	$\frac{9}{47}$	$\frac{15}{32}$	$\Phi_{1504}^2\ \Phi_{47}^2\ \Phi_{32}^3\ \Phi_1^3$
116931	1615	480	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{480}^8\ \Phi_{160}^4\ \Phi_{96}^6\ \Phi_{60}^2\ \Phi_{32}^3\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
116932	1615	3024	$\frac{5}{108}$	$\frac{103}{1512}$	$\frac{1}{6}$	$\frac{1409}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{112}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
116933	1615	1584	$\frac{1}{18}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{81}{176}$	$\Phi_{1584}^2\ \Phi_{528}^2\ \Phi_{176}\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
116934	1615	336	$\frac{13}{336}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{48}^5\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{21}^5\ \Phi_{16}^5\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_7^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
116935	1615	594	$\frac{1}{27}$	$\frac{26}{297}$	$\frac{1}{6}$	$\frac{271}{594}$	$\Phi_{594}^2\ \Phi_{297}^3\ \Phi_{198}^2\ \Phi_{99}^3\ \Phi_{66}^2\ \Phi_{54}^5\ \Phi_{33}^3\ \Phi_{27}^5\ \Phi_{22}^2\ \Phi_{18}^5\ \Phi_{11}^3\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
116936	1615	1638	$\frac{23}{1638}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{234}\ \Phi_{182}\ \Phi_{126}\ \Phi_{117}\ \Phi_{91}\ \Phi_{78}\ \Phi_{63}\ \Phi_{39}\ \Phi_{26}\ \Phi_{21}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_7\ \Phi_1$
116937	1615	588	$\frac{2}{147}$	$\frac{29}{294}$	$\frac{1}{3}$	$\frac{265}{588}$	$\Phi_{588}^5\ \Phi_{196}^5\ \Phi_{147}\ \Phi_{84}^5\ \Phi_{49}\ \Phi_{28}^5\ \Phi_{21}\ \Phi_{12}^5\ \Phi_7\ \Phi_4^5\ \Phi_1$
116938	1615	2916	$\frac{5}{162}$	$\frac{157}{1458}$	$\frac{1}{6}$	$\frac{1301}{2916}$	$\Phi_{2916}\ \Phi_{972}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
116939	1615	576	$\frac{1}{36}$	$\frac{35}{288}$	$\frac{1}{6}$	$\frac{253}{576}$	$\Phi_{576}^5\ \Phi_{192}^5\ \Phi_{64}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
116940	1615	504	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{168}$	$\Phi_{504}^6\ \Phi_{168}^5\ \Phi_{72}^6\ \Phi_{56}^5\ \Phi_{36}^6\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
116941	1615	480	$\frac{1}{96}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^5\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^5\ \Phi_{40}^3\ \Phi_{32}^5\ \Phi_{30}^2\ \Phi_{24}^5\ \Phi_{20}^3\ \Phi_{16}^5\ \Phi_{15}^3\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_8^5\ \Phi_6^4\ \Phi_5^3\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
116942	1615	1656	$\frac{41}{1656}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{36}\ \Phi_{23}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
116943	1615	2772	$\frac{2}{231}$	$\frac{229}{1386}$	$\frac{1}{3}$	$\frac{1157}{2772}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{231}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{11}\ \Phi_7\ \Phi_4\ \Phi_1$
116944	1615	2412	$\frac{7}{804}$	$\frac{1}{6}$	$\frac{797}{2412}$	$\frac{5}{12}$	$\Phi_{2412}\ \Phi_{1206}\ \Phi_{603}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
116945	1615	96	$\frac{1}{96}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{96}^{17}\ \Phi_{48}^{17}\ \Phi_{32}^{17}\ \Phi_{24}^{16}\ \Phi_{16}^{17}\ \Phi_{12}^{17}\ \Phi_8^{16}\ \Phi_6^{16}\ \Phi_4^{17}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
116946	1615	1376	$\frac{1}{86}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1376}^2\ \Phi_{172}^2\ \Phi_{86}\ \Phi_{43}\ \Phi_{32}\ \Phi_4\ \Phi_1$
116947	1615	288	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{288}^{10}\ \Phi_{144}^2\ \Phi_{96}^{10}\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^5\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
116948	1615	540	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{53}{270}$	$\frac{217}{540}$	$\Phi_{540}^5\ \Phi_{180}^5\ \Phi_{108}^5\ \Phi_{60}^5\ \Phi_{54}^5\ \Phi_{36}^5\ \Phi_{27}^5\ \Phi_{20}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
116949	1615	2592	$\frac{5}{324}$	$\frac{1}{6}$	$\frac{319}{1296}$	$\frac{977}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{324}\ \Phi_{288}\ \Phi_{162}\ \Phi_{108}\ \Phi_{96}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
116950	1615	3864	$\frac{1}{161}$	$\frac{1}{4}$	$\frac{160}{483}$	$\frac{3}{8}$	$\Phi_{3864}\ \Phi_{552}\ \Phi_{483}\ \Phi_{168}\ \Phi_{69}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_3\ \Phi_1$
116951	1615	1032	$\frac{1}{86}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1032}^2\ \Phi_{516}^2\ \Phi_{258}^2\ \Phi_{172}^2\ \Phi_{129}^2\ \Phi_{86}\ \Phi_{43}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
116952	1615	984	$\frac{5}{328}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{984}^2\ \Phi_{492}^2\ \Phi_{328}\ \Phi_{246}^2\ \Phi_{164}\ \Phi_{123}^2\ \Phi_{82}\ \Phi_{41}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
116953	1615	2632	$\frac{6}{329}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2632}\ \Phi_{376}\ \Phi_{329}\ \Phi_{47}\ \Phi_8\ \Phi_1$
116954	1615	368	$\frac{1}{46}$	$\frac{45}{368}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{368}^5\ \Phi_{184}^3\ \Phi_{92}^5\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{16}^5\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
116955	1615	336	$\frac{13}{336}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^5\ \Phi_{84}^5\ \Phi_{56}^3\ \Phi_{48}^5\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{16}^5\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_7^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
116956	1615	2760	$\frac{1}{23}$	$\frac{22}{345}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{345}\ \Phi_{120}\ \Phi_{115}\ \Phi_{69}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_3\ \Phi_1$
116957	1615	1288	$\frac{8}{161}$	$\frac{9}{161}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1288}^2\ \Phi_{184}^2\ \Phi_{161}^2\ \Phi_{56}^2\ \Phi_{23}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
116958	1615	360	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^8\ \Phi_{180}^2\ \Phi_{120}^8\ \Phi_{90}^2\ \Phi_{72}^6\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^4\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^6\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
116959	1615	1290	$\frac{1}{86}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{430}^2\ \Phi_{258}\ \Phi_{215}^2\ \Phi_{129}\ \Phi_{86}\ \Phi_{43}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
116960	1615	144	$\frac{1}{24}$	$\frac{1}{18}$	$\frac{23}{72}$	$\frac{49}{144}$	$\Phi_{144}^{17}\ \Phi_{72}^{6}\ \Phi_{48}^{17}\ \Phi_{36}^{6}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{16}^{17}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
116961	1615	486	$\frac{1}{81}$	$\frac{1}{6}$	$\frac{80}{243}$	$\frac{163}{486}$	$\Phi_{486}^{2}\ \Phi_{243}^{3}\ \Phi_{162}^{5}\ \Phi_{81}^{5}\ \Phi_{54}^{5}\ \Phi_{27}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
116962	1615	609	$\frac{2}{87}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{609}^{3}\ \Phi_{203}^{3}\ \Phi_{87}\ \Phi_{29}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
116963	1615	2079	$\frac{2}{231}$	$\frac{464}{2079}$	$\frac{229}{693}$	$\frac{1}{3}$	$\Phi_{2079}\ \Phi_{297}\ \Phi_{231}\ \Phi_{189}\ \Phi_{77}\ \Phi_{33}\ \Phi_{27}\ \Phi_{21}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
116964	1615	126	$\frac{1}{42}$	$\frac{2}{21}$	$\frac{41}{126}$	$\frac{1}{3}$	$\Phi_{126}^{19}\ \Phi_{63}^{19}\ \Phi_{21}\ \Phi_{18}^{19}\ \Phi_{9}^{19}\ \Phi_{7}\ \Phi_{1}$
116965	1615	2376	$\frac{31}{792}$	$\frac{2}{33}$	$\frac{761}{2376}$	$\frac{1}{3}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_{1}$
116966	1615	99	$\frac{4}{99}$	$\frac{2}{33}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{99}^{16}\ \Phi_{33}^{17}\ \Phi_{11}^{17}\ \Phi_{9}^{16}\ \Phi_{3}^{16}\ \Phi_{1}^{17}$
116967	1615	783	$\frac{2}{87}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{783}^{3}\ \Phi_{87}\ \Phi_{29}\ \Phi_{27}\ \Phi_{1}$
116968	1615	441	$\frac{2}{147}$	$\frac{29}{147}$	$\frac{118}{441}$	$\frac{1}{3}$	$\Phi_{441}^{5}\ \Phi_{147}\ \Phi_{63}^{5}\ \Phi_{49}\ \Phi_{21}\ \Phi_{9}^{5}\ \Phi_{7}\ \Phi_{1}$
116969	1615	1848	$\frac{3}{88}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{22}\ \Phi_{21}\ \Phi_{11}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
116970	1615	336	$\frac{1}{28}$	$\frac{2}{21}$	$\frac{27}{112}$	$\frac{1}{3}$	$\Phi_{336}^{6}\ \Phi_{168}^{6}\ \Phi_{112}^{7}\ \Phi_{56}^{7}\ \Phi_{48}^{6}\ \Phi_{24}^{6}\ \Phi_{21}\ \Phi_{16}^{7}\ \Phi_{8}^{7}\ \Phi_{7}\ \Phi_{1}$
116971	1615	2112	$\frac{31}{528}$	$\frac{2}{33}$	$\frac{497}{2112}$	$\frac{1}{3}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{33}\ \Phi_{32}\ \Phi_{11}\ \Phi_{1}$
116972	1615	1716	$\frac{101}{1716}$	$\frac{2}{33}$	$\frac{31}{132}$	$\frac{1}{3}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{286}\ \Phi_{156}\ \Phi_{143}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{33}\ \Phi_{26}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}$
116973	1615	336	$\frac{13}{336}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{336}^{5}\ \Phi_{168}^{5}\ \Phi_{112}^{5}\ \Phi_{84}^{4}\ \Phi_{56}^{5}\ \Phi_{48}^{5}\ \Phi_{42}^{4}\ \Phi_{28}^{4}\ \Phi_{24}^{5}\ \Phi_{21}^{5}\ \Phi_{16}^{5}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{5}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
116974	1615	696	$\frac{2}{87}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{696}^{3}\ \Phi_{348}^{3}\ \Phi_{232}^{3}\ \Phi_{116}^{3}\ \Phi_{87}\ \Phi_{29}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
116975	1615	21	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{4}{21}$	$\frac{1}{3}$	$\Phi_{21}^{77}\ \Phi_{7}^{77}\ \Phi_{3}^{76}\ \Phi_{1}^{77}$
116976	1615	396	$\frac{2}{33}$	$\frac{31}{396}$	$\frac{73}{396}$	$\frac{1}{3}$	$\Phi_{396}^{4}\ \Phi_{198}^{4}\ \Phi_{132}^{4}\ \Phi_{99}^{4}\ \Phi_{66}^{4}\ \Phi_{44}^{4}\ \Phi_{36}^{4}\ \Phi_{33}^{5}\ \Phi_{22}^{4}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{11}^{5}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
116977	1615	126	$\frac{1}{18}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{126}^{15}\ \Phi_{63}^{15}\ \Phi_{42}^{12}\ \Phi_{21}^{13}\ \Phi_{18}^{5}\ \Phi_{14}^{12}\ \Phi_{9}^{5}\ \Phi_{7}^{13}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
116978	1615	1782	$\frac{2}{33}$	$\frac{167}{1782}$	$\frac{31}{198}$	$\frac{1}{3}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_{1}$
116979	1615	273	$\frac{6}{91}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{273}^{6}\ \Phi_{91}^{7}\ \Phi_{39}^{6}\ \Phi_{21}\ \Phi_{13}^{7}\ \Phi_{7}\ \Phi_{1}$
116980	1615	294	$\frac{1}{14}$	$\frac{2}{21}$	$\frac{13}{98}$	$\frac{1}{3}$	$\Phi_{294}^{6}\ \Phi_{147}^{6}\ \Phi_{98}^{7}\ \Phi_{49}^{7}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
116981	1615	1848	$\frac{2}{33}$	$\frac{31}{264}$	$\frac{233}{1848}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{84}\ \Phi_{77}\ \Phi_{56}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
116982	1615	672	$\frac{1}{12}$	$\frac{2}{21}$	$\frac{11}{96}$	$\frac{1}{3}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{3}\ \Phi_{96}\ \Phi_{56}^{3}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
116983	1615	480	$\frac{3}{160}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{157}{480}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{4}\ \Phi_{120}^{3}\ \Phi_{96}^{3}\ \Phi_{80}^{4}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{40}^{4}\ \Phi_{32}^{4}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{15}^{3}\ \Phi_{12}^{5}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
116984	1615	1128	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{46}{141}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{376}^{2}\ \Phi_{282}\ \Phi_{188}^{2}\ \Phi_{141}^{2}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
116985	1615	2820	$\frac{1}{47}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{46}{141}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{705}\ \Phi_{141}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
116986	1615	378	$\frac{1}{42}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{41}{126}$	$\Phi_{378}^{6}\ \Phi_{189}^{6}\ \Phi_{126}\ \Phi_{63}\ \Phi_{54}^{6}\ \Phi_{27}^{7}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
116987	1615	504	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{41}{126}$	$\Phi_{504}^{6}\ \Phi_{252}^{6}\ \Phi_{126}\ \Phi_{72}^{6}\ \Phi_{63}\ \Phi_{36}^{6}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
116988	1615	1944	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{329}{1944}$	$\frac{157}{486}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
116989	1615	2376	$\frac{31}{792}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{761}{2376}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
116990	1615	468	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{145}{468}$	$\Phi_{468}^{5}\ \Phi_{234}^{5}\ \Phi_{117}^{5}\ \Phi_{36}^{5}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
116991	1615	2376	$\frac{3}{88}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{88}\ \Phi_{44}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
116992	1615	3024	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{27}{112}$	$\frac{8}{27}$	$\Phi_{3024}\ \Phi_{1512}\ \Phi_{432}\ \Phi_{216}\ \Phi_{112}\ \Phi_{56}\ \Phi_{27}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
116993	1615	189	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{4}{21}$	$\frac{8}{27}$	$\Phi_{189}^{12}\ \Phi_{27}^{13}\ \Phi_{21}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
116994	1615	54	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{54}^{42}\ \Phi_{27}^{43}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
116995	1615	2457	$\frac{6}{91}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{27}$	$\Phi_{2457}\ \Phi_{351}\ \Phi_{91}\ \Phi_{27}\ \Phi_{13}\ \Phi_{1}$
116996	1615	2646	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{98}$	$\frac{8}{27}$	$\Phi_{2646}\ \Phi_{1323}\ \Phi_{98}\ \Phi_{49}\ \Phi_{27}\ \Phi_{1}$
116997	1615	864	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{96}$	$\frac{8}{27}$	$\Phi_{864}^{3}\ \Phi_{432}^{3}\ \Phi_{216}^{3}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
116998	1615	1128	$\frac{2}{47}$	$\frac{1}{8}$	$\frac{9}{47}$	$\frac{7}{24}$	$\Phi_{1128}^{2}\ \Phi_{564}^{2}\ \Phi_{282}^{2}\ \Phi_{141}^{2}\ \Phi_{47}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
116999	1615	120	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{120}^{12}\ \Phi_{60}^{14}\ \Phi_{40}^{16}\ \Phi_{30}^{14}\ \Phi_{24}^{9}\ \Phi_{20}^{17}\ \Phi_{15}^{14}\ \Phi_{12}^{11}\ \Phi_{10}^{17}\ \Phi_{8}^{12}\ \Phi_{6}^{10}\ \Phi_{5}^{17}\ \Phi_{4}^{13}\ \Phi_{3}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
117000	1615	2268	$\frac{5}{108}$	$\frac{103}{756}$	$\frac{1}{6}$	$\frac{653}{2268}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
117001	1615	108	$\frac{1}{18}$	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{108}^{17}\ \Phi_{54}^{17}\ \Phi_{36}^{17}\ \Phi_{27}^{17}\ \Phi_{18}^{5}\ \Phi_{12}^{17}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{17}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
117002	1615	432	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{35}{144}$	$\frac{109}{432}$	$\Phi_{432}^{5}\ \Phi_{216}^{5}\ \Phi_{108}^{5}\ \Phi_{54}^{5}\ \Phi_{36}^{5}\ \Phi_{27}^{5}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
117003	1615	264	$\frac{3}{88}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{264}^{6}\ \Phi_{132}^{6}\ \Phi_{88}^{7}\ \Phi_{66}^{6}\ \Phi_{44}^{7}\ \Phi_{33}^{6}\ \Phi_{24}^{3}\ \Phi_{22}^{7}\ \Phi_{12}^{5}\ \Phi_{11}^{7}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
117004	1615	1200	$\frac{3}{80}$	$\frac{1}{6}$	$\frac{77}{400}$	$\frac{1}{4}$	$\Phi_{1200}^{2}\ \Phi_{600}^{2}\ \Phi_{400}\ \Phi_{300}^{2}\ \Phi_{200}\ \Phi_{150}^{2}\ \Phi_{100}\ \Phi_{75}^{2}\ \Phi_{50}\ \Phi_{25}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
117005	1615	940	$\frac{2}{47}$	$\frac{3}{20}$	$\frac{9}{47}$	$\frac{1}{4}$	$\Phi_{940}^{2}\ \Phi_{470}^{2}\ \Phi_{235}^{2}\ \Phi_{47}^{2}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
117006	1615	336	$\frac{13}{336}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{336}^{5}\ \Phi_{168}^{5}\ \Phi_{112}^{5}\ \Phi_{84}^{5}\ \Phi_{56}^{5}\ \Phi_{48}^{3}\ \Phi_{42}^{5}\ \Phi_{28}^{5}\ \Phi_{24}^{3}\ \Phi_{21}^{5}\ \Phi_{16}^{4}\ \Phi_{14}^{5}\ \Phi_{12}^{5}\ \Phi_{8}^{4}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
117007	1615	384	$\frac{3}{64}$	$\frac{61}{384}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{384}^{5}\ \Phi_{192}^{3}\ \Phi_{128}^{5}\ \Phi_{96}^{3}\ \Phi_{64}^{4}\ \Phi_{48}^{3}\ \Phi_{32}^{4}\ \Phi_{24}^{3}\ \Phi_{16}^{4}\ \Phi_{12}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
117008	1615	60	$\frac{1}{20}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{60}^{32}\ \Phi_{30}^{32}\ \Phi_{20}^{16}\ \Phi_{15}^{32}\ \Phi_{12}^{34}\ \Phi_{10}^{16}\ \Phi_{6}^{33}\ \Phi_{5}^{16}\ \Phi_{4}^{17}\ \Phi_{3}^{33}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
117009	1615	360	$\frac{3}{40}$	$\frac{37}{360}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}^{3}\ \Phi_{90}^{5}\ \Phi_{72}^{5}\ \Phi_{60}^{3}\ \Phi_{45}^{5}\ \Phi_{40}^{4}\ \Phi_{36}^{5}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{4}\ \Phi_{18}^{5}\ \Phi_{15}^{3}\ \Phi_{12}^{5}\ \Phi_{10}^{4}\ \Phi_{9}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
117010	1615	1056	$\frac{29}{352}$	$\frac{3}{32}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1056}^{2}\ \Phi_{528}^{2}\ \Phi_{352}\ \Phi_{264}^{2}\ \Phi_{176}\ \Phi_{132}^{2}\ \Phi_{88}\ \Phi_{66}^{2}\ \Phi_{44}\ \Phi_{33}^{2}\ \Phi_{22}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
117011	1615	336	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{27}{112}$	$\Phi_{336}^{6}\ \Phi_{168}^{2}\ \Phi_{112}^{7}\ \Phi_{84}^{4}\ \Phi_{56}^{3}\ \Phi_{48}^{6}\ \Phi_{42}^{4}\ \Phi_{28}^{4}\ \Phi_{24}^{3}\ \Phi_{21}^{4}\ \Phi_{16}^{7}\ \Phi_{14}^{4}\ \Phi_{12}^{5}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
117012	1615	1728	$\frac{113}{1728}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{144}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
117013	1615	168	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{4}{21}$	$\frac{5}{24}$	$\Phi_{168}^{12}\ \Phi_{84}^{12}\ \Phi_{56}^{12}\ \Phi_{28}^{12}\ \Phi_{24}^{13}\ \Phi_{21}^{4}\ \Phi_{12}^{13}\ \Phi_{8}^{13}\ \Phi_{7}^{4}\ \Phi_{4}^{13}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
117014	1615	72	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{72}^{30}\ \Phi_{36}^{30}\ \Phi_{24}^{25}\ \Phi_{18}^{5}\ \Phi_{12}^{25}\ \Phi_{9}^{5}\ \Phi_{8}^{25}\ \Phi_{6}^{4}\ \Phi_{4}^{25}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
117015	1615	2184	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{364}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{91}\ \Phi_{52}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
117016	1615	1176	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1176}^{2}\ \Phi_{588}^{2}\ \Phi_{392}^{2}\ \Phi_{196}^{2}\ \Phi_{98}\ \Phi_{49}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
117017	1615	96	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{96}^{19}\ \Phi_{48}^{19}\ \Phi_{32}^{19}\ \Phi_{24}^{8}\ \Phi_{16}^{19}\ \Phi_{12}^{13}\ \Phi_{8}^{8}\ \Phi_{6}^{12}\ \Phi_{4}^{13}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
117018	1615	396	$\frac{31}{396}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{73}{396}$	$\Phi_{396}^{4}\ \Phi_{198}^{4}\ \Phi_{132}^{4}\ \Phi_{99}^{4}\ \Phi_{66}^{4}\ \Phi_{44}^{4}\ \Phi_{36}^{5}\ \Phi_{33}^{4}\ \Phi_{22}^{4}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{11}^{4}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
117019	1615	360	$\frac{37}{360}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{45}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}^{5}\ \Phi_{90}^{2}\ \Phi_{72}^{5}\ \Phi_{60}^{5}\ \Phi_{45}^{3}\ \Phi_{40}^{5}\ \Phi_{36}^{5}\ \Phi_{30}^{2}\ \Phi_{24}^{5}\ \Phi_{20}^{5}\ \Phi_{18}^{5}\ \Phi_{15}^{3}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
117020	1615	378	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{378}$	$\frac{1}{6}$	$\Phi_{378}^{5}\ \Phi_{189}^{5}\ \Phi_{126}^{2}\ \Phi_{63}^{3}\ \Phi_{54}^{5}\ \Phi_{42}^{2}\ \Phi_{27}^{5}\ \Phi_{21}^{3}\ \Phi_{18}^{5}\ \Phi_{14}^{2}\ \Phi_{9}^{5}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
117021	1616	1209	$\frac{1}{403}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{201}{403}$	$\Phi_{1209}\ \Phi_{403}^{2}\ \Phi_{93}\ \Phi_{39}\ \Phi_{31}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
117022	1616	323	$\frac{1}{323}$	$\frac{81}{323}$	$\frac{121}{323}$	$\frac{161}{323}$	$\Phi_{323}^{5}\ \Phi_{19}^{5}\ \Phi_{17}^{5}\ \Phi_{1}^{6}$
117023	1616	2427	$\frac{3}{809}$	$\frac{203}{809}$	$\frac{1}{3}$	$\frac{403}{809}$	Φ_{2427}
117024	1616	805	$\frac{3}{805}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{401}{805}$	$\Phi_{805}^{2}\ \Phi_{161}^{2}\ \Phi_{115}^{2}\ \Phi_{35}^{2}\ \Phi_{23}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
117025	1616	1407	$\frac{1}{201}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{100}{201}$	$\Phi_{1407}\ \Phi_{469}\ \Phi_{201}^{2}\ \Phi_{67}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
117026	1616	1005	$\frac{1}{201}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{100}{201}$	$\Phi_{1005}^{2}\ \Phi_{335}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
117027	1616	1615	$\frac{9}{1615}$	$\frac{203}{1615}$	$\frac{706}{1615}$	$\frac{803}{1615}$	$\Phi_{1615}\ \Phi_{323}\ \Phi_{95}\ \Phi_{85}\ \Phi_{19}\ \Phi_{17}\ \Phi_5\ \Phi_1^2$
117028	1616	1605	$\frac{11}{1605}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{797}{1605}$	$\Phi_{1605}\ \Phi_{535}\ \Phi_{321}\ \Phi_{107}\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
117029	1616	135	$\frac{1}{135}$	$\frac{1}{5}$	$\frac{34}{135}$	$\frac{67}{135}$	$\Phi_{135}^{12}\ \Phi_{45}^{12}\ \Phi_{27}^{12}\ \Phi_{15}^{12}\ \Phi_9^{12}\ \Phi_5^{11}\ \Phi_3^{12}\ \Phi_1^{12}$
117030	1616	1615	$\frac{13}{1615}$	$\frac{302}{1615}$	$\frac{407}{1615}$	$\frac{801}{1615}$	$\Phi_{1615}\ \Phi_{323}\ \Phi_{95}\ \Phi_{85}\ \Phi_{19}\ \Phi_{17}\ \Phi_5\ \Phi_1^2$
117031	1616	2427	$\frac{7}{809}$	$\frac{102}{809}$	$\frac{1}{3}$	$\frac{401}{809}$	Φ_{2427}
117032	1616	600	$\frac{1}{100}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{99}{200}$	$\Phi_{600}^5\ \Phi_{200}^6\ \Phi_{120}^5\ \Phi_{40}^6\ \Phi_{24}^5\ \Phi_{15}\ \Phi_8^6\ \Phi_5\ \Phi_3\ \Phi_1^2$
117033	1616	1800	$\frac{1}{100}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{99}{200}$	$\Phi_{1800}^2\ \Phi_{600}\ \Phi_{360}^2\ \Phi_{200}^2\ \Phi_{120}\ \Phi_{72}^2\ \Phi_{40}^2\ \Phi_{24}\ \Phi_9^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
117034	1616	200	$\frac{1}{100}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{99}{200}$	$\Phi_{200}^{16}\ \Phi_{40}^{16}\ \Phi_8^{16}\ \Phi_5^3\ \Phi_1^4$
117035	1616	190	$\frac{1}{95}$	$\frac{6}{95}$	$\frac{89}{190}$	$\frac{47}{95}$	$\Phi_{190}^{16}\ \Phi_{95}\ \Phi_{38}^{16}\ \Phi_{19}\ \Phi_{10}^{16}\ \Phi_5\ \Phi_2^{16}\ \Phi_1^2$
117036	1616	285	$\frac{1}{95}$	$\frac{12}{95}$	$\frac{83}{285}$	$\frac{47}{95}$	$\Phi_{285}^8\ \Phi_{95}\ \Phi_{57}^8\ \Phi_{19}\ \Phi_{15}^8\ \Phi_5\ \Phi_3^8\ \Phi_1^2$
117037	1616	475	$\frac{1}{95}$	$\frac{71}{475}$	$\frac{24}{95}$	$\frac{47}{95}$	$\Phi_{475}^4\ \Phi_{95}\ \Phi_{25}^4\ \Phi_{19}\ \Phi_5\ \Phi_1^2$
117038	1616	799	$\frac{9}{799}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{395}{799}$	$\Phi_{799}^2\ \Phi_{47}^2\ \Phi_{17}^3\ \Phi_1^4$
117039	1616	765	$\frac{1}{85}$	$\frac{43}{765}$	$\frac{361}{765}$	$\frac{42}{85}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^2\ \Phi_{85}^3\ \Phi_{51}^2\ \Phi_{45}^2\ \Phi_{17}^3\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^3\ \Phi_3^2\ \Phi_1^4$
117040	1616	255	$\frac{1}{85}$	$\frac{43}{255}$	$\frac{53}{255}$	$\frac{42}{85}$	$\Phi_{255}^6\ \Phi_{85}^7\ \Phi_{51}^6\ \Phi_{17}^7\ \Phi_{15}^6\ \Phi_5^7\ \Phi_3^6\ \Phi_1^8$
117041	1616	1215	$\frac{1}{81}$	$\frac{41}{243}$	$\frac{1}{5}$	$\frac{40}{81}$	$\Phi_{1215}^2\ \Phi_{405}\ \Phi_{135}\ \Phi_{45}\ \Phi_{15}$
117042	1616	399	$\frac{5}{399}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{197}{399}$	$\Phi_{399}^4\ \Phi_{133}^4\ \Phi_{57}^4\ \Phi_{21}^4\ \Phi_{19}^5\ \Phi_7^4\ \Phi_3^4\ \Phi_1^6$
117043	1616	399	$\frac{5}{399}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{197}{399}$	$\Phi_{399}^4\ \Phi_{133}^4\ \Phi_{57}^4\ \Phi_{21}^4\ \Phi_{19}^5\ \Phi_7^4\ \Phi_3^4\ \Phi_1^6$
117044	1616	795	$\frac{13}{795}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{391}{795}$	$\Phi_{795}^2\ \Phi_{265}^2\ \Phi_{159}^2\ \Phi_{53}^2\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
117045	1616	3366	$\frac{2}{99}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{97}{198}$	$\Phi_{3366}\ \Phi_{1122}\ \Phi_{374}\ \Phi_{306}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
117046	1616	990	$\frac{2}{99}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{97}{198}$	$\Phi_{990}^4\ \Phi_{330}^4\ \Phi_{110}^4\ \Phi_{90}^4\ \Phi_{45}\ \Phi_{30}^4\ \Phi_{15}\ \Phi_{10}^4$
117047	1616	1581	$\frac{35}{1581}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{773}{1581}$	$\Phi_{1581}\ \Phi_{527}\ \Phi_{93}\ \Phi_{51}^2\ \Phi_{31}\ \Phi_{17}\ \Phi_3^2\ \Phi_1^2$
117048	1616	225	$\frac{1}{45}$	$\frac{23}{225}$	$\frac{1}{5}$	$\frac{22}{45}$	$\Phi_{225}^8\ \Phi_{75}^8\ \Phi_{45}^4\ \Phi_{25}^8\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
117049	1616	1575	$\frac{41}{1575}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{767}{1575}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{25}$ $\Phi_{21}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
117050	1616	136	$\frac{1}{34}$	$\frac{1}{17}$	$\frac{35}{136}$	$\frac{33}{68}$	$\Phi_{136}^{16}\ \Phi_{34}^{16}\ \Phi_{17}^{15}\ \Phi_8^{16}\ \Phi_2^{16}\ \Phi_1^{16}$
117051	1616	1764	$\frac{3}{98}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{95}{196}$	$\Phi_{1764}^2\ \Phi_{588}^2\ \Phi_{252}^2\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{36}^2\ \Phi_{21}\ \Phi_{12}^2$
117052	1616	391	$\frac{13}{391}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{189}{391}$	$\Phi_{391}^4\ \Phi_{23}^4\ \Phi_{17}^7\ \Phi_1^8$
117053	1616	1044	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{15}{116}$	$\frac{14}{29}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{348}^2\ \Phi_{261}\ \Phi_{174}^2\ \Phi_{87}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
117054	1616	195	$\frac{7}{195}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{94}{195}$	$\Phi_{195}^8\ \Phi_{65}^8\ \Phi_{39}^8\ \Phi_{15}^{12}\ \Phi_{13}^8\ \Phi_5^{11}\ \Phi_3^{12}\ \Phi_1^{12}$
117055	1616	540	$\frac{1}{27}$	$\frac{7}{108}$	$\frac{1}{5}$	$\frac{13}{27}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^3\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^3\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
117056	1616	3264	$\frac{5}{96}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{91}{192}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
117057	1616	1197	$\frac{10}{399}$	$\frac{1}{19}$	$\frac{389}{1197}$	$\frac{9}{19}$	$\Phi_{1197}^2\ \Phi_{171}^2\ \Phi_{63}^2\ \Phi_{19}\ \Phi_9^2\ \Phi_1^2$
117058	1616	209	$\frac{7}{209}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{209}^8\ \Phi_{19}^5\ \Phi_{11}^8\ \Phi_1^6$
117059	1616	133	$\frac{5}{133}$	$\frac{1}{19}$	$\frac{32}{133}$	$\frac{9}{19}$	$\Phi_{133}^{12}\ \Phi_{19}^{13}\ \Phi_7^{12}\ \Phi_1^{14}$
117060	1616	855	$\frac{1}{19}$	$\frac{47}{855}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{171}^2\ \Phi_{95}^2\ \Phi_{45}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_1^2$
117061	1616	931	$\frac{1}{19}$	$\frac{10}{133}$	$\frac{123}{931}$	$\frac{9}{19}$	$\Phi_{931}^2\ \Phi_{49}^2\ \Phi_{19}\ \Phi_1^2$
117062	1616	114	$\frac{1}{19}$	$\frac{5}{57}$	$\frac{13}{114}$	$\frac{9}{19}$	$\Phi_{114}^{16}\ \Phi_{57}^{12}\ \Phi_{38}^{16}\ \Phi_{19}^{13}\ \Phi_6^{16}\ \Phi_3^{12}\ \Phi_2^{16}\ \Phi_1^{14}$
117063	1616	765	$\frac{2}{45}$	$\frac{43}{765}$	$\frac{1}{5}$	$\frac{361}{765}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^2\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{45}^4\ \Phi_{17}^2\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
117064	1616	765	$\frac{43}{765}$	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{361}{765}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^2\ \Phi_{85}^2\ \Phi_{51}^4\ \Phi_{45}^2\ \Phi_{17}^3\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
117065	1616	190	$\frac{6}{95}$	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{89}{190}$	$\Phi_{190}^{16}\ \Phi_{95}\ \Phi_{38}^{16}\ \Phi_{19}\ \Phi_{10}^{16}\ \Phi_5\ \Phi_2^{16}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
117066	1616	150	$\frac{1}{50}$	$\frac{1}{15}$	$\frac{49}{150}$	$\frac{7}{15}$	$\Phi_{150}^{11}\ \Phi_{75}^{11}\ \Phi_{50}^{10}\ \Phi_{30}^{11}\ \Phi_{25}^{10}\ \Phi_{15}^{12}\ \Phi_{10}^{10}\ \Phi_{6}^{11}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
117067	1616	1560	$\frac{3}{104}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}^{2}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}^{2}\ \Phi_{40}\ \Phi_{39}\ \Phi_{26}^{2}\ \Phi_{24}\ \Phi_{15}\ \Phi_{13}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
117068	1616	105	$\frac{4}{105}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{105}^{16}\ \Phi_{35}^{16}\ \Phi_{21}^{16}\ \Phi_{15}^{12}\ \Phi_{7}^{16}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
117069	1616	375	$\frac{1}{25}$	$\frac{1}{15}$	$\frac{24}{125}$	$\frac{7}{15}$	$\Phi_{375}^{5}\ \Phi_{125}^{6}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
117070	1616	120	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{19}{120}$	$\frac{7}{15}$	$\Phi_{120}^{16}\ \Phi_{60}^{11}\ \Phi_{40}^{16}\ \Phi_{30}^{11}\ \Phi_{24}^{16}\ \Phi_{20}^{10}\ \Phi_{15}^{12}\ \Phi_{12}^{11}\ \Phi_{10}^{10}\ \Phi_{8}^{16}\ \Phi_{6}^{11}\ \Phi_{5}^{11}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
117071	1616	330	$\frac{1}{15}$	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{7}{15}$	$\Phi_{330}^{5}\ \Phi_{165}^{5}\ \Phi_{110}^{6}\ \Phi_{66}^{5}\ \Phi_{55}^{6}\ \Phi_{33}^{5}\ \Phi_{22}^{6}\ \Phi_{15}\ \Phi_{11}^{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
117072	1616	945	$\frac{1}{27}$	$\frac{13}{189}$	$\frac{1}{5}$	$\frac{88}{189}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{135}^{3}\ \Phi_{105}^{2}\ \Phi_{45}^{3}\ \Phi_{35}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
117073	1616	187	$\frac{1}{17}$	$\frac{15}{187}$	$\frac{2}{17}$	$\frac{86}{187}$	$\Phi_{187}^{8}\ \Phi_{17}^{15}\ \Phi_{11}^{8}\ \Phi_{1}^{16}$
117074	1616	1485	$\frac{4}{135}$	$\frac{131}{1485}$	$\frac{1}{5}$	$\frac{677}{1485}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}^{2}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}^{2}\ \Phi_{33}\ \Phi_{27}^{2}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
117075	1616	1035	$\frac{5}{207}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{1035}^{2}\ \Phi_{345}^{2}\ \Phi_{115}^{2}\ \Phi_{45}\ \Phi_{15}$
117076	1616	180	$\frac{1}{45}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{79}{180}$	$\Phi_{180}^{16}\ \Phi_{60}^{16}\ \Phi_{45}^{4}\ \Phi_{36}^{16}\ \Phi_{20}^{16}\ \Phi_{15}^{4}\ \Phi_{12}^{16}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{16}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
117077	1616	357	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{47}{357}$	$\frac{155}{357}$	$\Phi_{357}^{4}\ \Phi_{119}^{4}\ \Phi_{51}^{8}\ \Phi_{21}^{4}\ \Phi_{17}^{7}\ \Phi_{7}^{4}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
117078	1616	1425	$\frac{1}{95}$	$\frac{191}{1425}$	$\frac{94}{285}$	$\frac{617}{1425}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{285}^{2}\ \Phi_{95}\ \Phi_{75}\ \Phi_{57}^{2}\ \Phi_{25}\ \Phi_{19}\ \Phi_{15}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
117079	1616	714	$\frac{1}{102}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{714}^{2}\ \Phi_{357}^{2}\ \Phi_{238}^{2}\ \Phi_{119}^{2}\ \Phi_{102}^{4}\ \Phi_{51}^{4}\ \Phi_{42}^{2}\ \Phi_{34}^{4}\ \Phi_{21}\ \Phi_{17}^{4}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
117080	1616	938	$\frac{1}{67}$	$\frac{1}{7}$	$\frac{33}{134}$	$\frac{3}{7}$	$\Phi_{938}^{2}\ \Phi_{469}\ \Phi_{134}^{4}\ \Phi_{67}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
117081	1616	315	$\frac{4}{105}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{315}^{6}\ \Phi_{105}^{4}\ \Phi_{63}^{5}\ \Phi_{45}^{6}\ \Phi_{35}^{4}\ \Phi_{21}^{3}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
117082	1616	522	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{14}{87}$	$\frac{73}{174}$	$\Phi_{522}^{6}\ \Phi_{261}\ \Phi_{174}^{4}\ \Phi_{87}\ \Phi_{58}^{4}\ \Phi_{18}^{6}\ \Phi_{6}^{4}\ \Phi_{2}^{4}$
117083	1616	285	$\frac{1}{95}$	$\frac{47}{285}$	$\frac{83}{285}$	$\frac{119}{285}$	$\Phi_{285}^{6}\ \Phi_{95}^{5}\ \Phi_{57}^{6}\ \Phi_{19}^{5}\ \Phi_{15}^{6}\ \Phi_{5}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
117084	1616	1836	$\frac{1}{17}$	$\frac{7}{108}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{153}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
117085	1616	102	$\frac{1}{102}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{102}^{16}\ \Phi_{51}^{16}\ \Phi_{34}^{16}\ \Phi_{17}^{15}\ \Phi_{6}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
117086	1616	170	$\frac{1}{85}$	$\frac{16}{85}$	$\frac{21}{85}$	$\frac{69}{170}$	$\Phi_{170}^{16}\ \Phi_{85}^{3}\ \Phi_{34}^{16}\ \Phi_{17}^{3}\ \Phi_{10}^{16}\ \Phi_{5}^{3}\ \Phi_{2}^{16}\ \Phi_{1}^{4}$
117087	1616	170	$\frac{1}{17}$	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{69}{170}$	$\Phi_{170}^{16}\ \Phi_{34}^{16}\ \Phi_{17}^{15}\ \Phi_{10}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
117088	1616	675	$\frac{2}{135}$	$\frac{133}{675}$	$\frac{1}{5}$	$\frac{271}{675}$	$\Phi_{675}^{2}\ \Phi_{225}^{2}\ \Phi_{135}^{4}\ \Phi_{75}^{2}\ \Phi_{45}^{4}\ \Phi_{27}^{4}\ \Phi_{25}^{2}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
117089	1616	205	$\frac{3}{205}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{205}^{8}\ \Phi_{41}^{8}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
117090	1616	115	$\frac{3}{115}$	$\frac{14}{115}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{115}^{14}\ \Phi_{23}^{14}\ \Phi_{5}^{15}\ \Phi_{1}^{16}$
117091	1616	105	$\frac{4}{105}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{105}^{16}\ \Phi_{35}^{14}\ \Phi_{21}^{16}\ \Phi_{15}^{16}\ \Phi_{7}^{14}\ \Phi_{5}^{15}\ \Phi_{3}^{16}\ \Phi_{1}^{16}$
117092	1616	810	$\frac{1}{81}$	$\frac{1}{5}$	$\frac{20}{81}$	$\frac{61}{162}$	$\Phi_{810}^{4}\ \Phi_{405}\ \Phi_{270}^{4}\ \Phi_{135}\ \Phi_{90}^{4}\ \Phi_{45}\ \Phi_{30}^{4}\ \Phi_{15}\ \Phi_{10}^{4}$
117093	1616	255	$\frac{1}{85}$	$\frac{53}{255}$	$\frac{21}{85}$	$\frac{32}{85}$	$\Phi_{255}^{8}\ \Phi_{85}^{3}\ \Phi_{51}^{8}\ \Phi_{17}^{3}\ \Phi_{15}^{8}\ \Phi_{5}^{3}\ \Phi_{3}^{8}\ \Phi_{1}^{4}$
117094	1616	1615	$\frac{11}{1615}$	$\frac{401}{1615}$	$\frac{504}{1615}$	$\frac{607}{1615}$	$\Phi_{1615}\ \Phi_{323}\ \Phi_{95}\ \Phi_{85}\ \Phi_{19}\ \Phi_{17}\ \Phi_{5}\ \Phi_{1}^{2}$
117095	1616	2427	$\frac{5}{809}$	$\frac{201}{809}$	$\frac{1}{3}$	$\frac{304}{809}$	Φ_{2427}
117096	1616	1275	$\frac{1}{85}$	$\frac{84}{425}$	$\frac{341}{1275}$	$\frac{467}{1275}$	$\Phi_{1275}\ \Phi_{425}^{2}\ \Phi_{255}\ \Phi_{85}\ \Phi_{75}\ \Phi_{51}\ \Phi_{25}^{2}\ \Phi_{17}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
117097	1616	153	$\frac{2}{51}$	$\frac{1}{17}$	$\frac{49}{153}$	$\frac{52}{153}$	$\Phi_{153}^{8}\ \Phi_{51}^{16}\ \Phi_{17}^{15}\ \Phi_{9}^{8}\ \Phi_{3}^{16}\ \Phi_{1}^{16}$
117098	1616	1215	$\frac{4}{405}$	$\frac{1}{5}$	$\frac{401}{1215}$	$\frac{407}{1215}$	$\Phi_{1215}\ \Phi_{405}^{2}\ \Phi_{243}\ \Phi_{135}^{2}\ \Phi_{81}^{2}\ \Phi_{45}^{2}\ \Phi_{27}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
117099	1616	609	$\frac{1}{203}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{609}^{3}\ \Phi_{203}^{2}\ \Phi_{87}^{3}\ \Phi_{29}^{2}\ \Phi_{21}^{3}\ \Phi_{7}^{2}$
117100	1616	1209	$\frac{3}{403}$	$\frac{100}{403}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1209}\ \Phi_{403}^{2}\ \Phi_{93}\ \Phi_{39}\ \Phi_{31}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
117101	1616	510	$\frac{1}{102}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{510}^{4}\ \Phi_{255}^{4}\ \Phi_{170}^{4}\ \Phi_{85}^{4}\ \Phi_{30}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
117102	1616	312	$\frac{3}{104}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{312}^4\ \Phi_{156}^4\ \Phi_{104}^8\ \Phi_{78}^4\ \Phi_{52}^8\ \Phi_{39}^3\ \Phi_{26}^8\ \Phi_{24}^4\ \Phi_{13}^6\ \Phi_{12}^4\ \Phi_{8}^8\ \Phi_{6}^4\ \Phi_{4}^8\ \Phi_{3}^4\ \Phi_{2}^8\ \Phi_{1}^8$
117103	1616	651	$\frac{1}{31}$	$\frac{15}{217}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{651}^2\ \Phi_{217}^4\ \Phi_{93}\ \Phi_{31}^2\ \Phi_{21}^2\ \Phi_{7}^4\ \Phi_{3}^2\ \Phi_{1}^4$
117104	1616	3015	$\frac{2}{201}$	$\frac{1}{5}$	$\frac{199}{603}$	$\frac{1}{3}$	$\Phi_{3015}\ \Phi_{45}\ \Phi_{15}$
117105	1616	450	$\frac{1}{50}$	$\frac{1}{9}$	$\frac{49}{150}$	$\frac{1}{3}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^3\ \Phi_{90}^4\ \Phi_{75}^3\ \Phi_{50}^2\ \Phi_{45}^4\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_{9}^6\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
117106	1616	936	$\frac{3}{104}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}\ \Phi_{234}^2\ \Phi_{156}\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{13}^2\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
117107	1616	2010	$\frac{1}{67}$	$\frac{1}{5}$	$\frac{33}{134}$	$\frac{1}{3}$	$\Phi_{2010}^2\ \Phi_{1005}\ \Phi_{30}^2\ \Phi_{15}^2$
117108	1616	2244	$\frac{1}{17}$	$\frac{2}{33}$	$\frac{31}{132}$	$\frac{1}{3}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{374}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
117109	1616	1836	$\frac{1}{17}$	$\frac{7}{108}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
117110	1616	315	$\frac{4}{105}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{315}^6\ \Phi_{105}^4\ \Phi_{63}^6\ \Phi_{45}^4\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}^3\ \Phi_{9}^6\ \Phi_{7}^4\ \Phi_{5}^2\ \Phi_{3}^4\ \Phi_{1}^4$
117111	1616	1125	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{24}{125}$	$\frac{1}{3}$	$\Phi_{1125}^2\ \Phi_{375}\ \Phi_{125}^2\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
117112	1616	360	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{19}{120}$	$\frac{1}{3}$	$\Phi_{360}^6\ \Phi_{180}^4\ \Phi_{120}^4\ \Phi_{90}^4\ \Phi_{72}^6\ \Phi_{60}^3\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}^4\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^2\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_{9}^6\ \Phi_{8}^4\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
117113	1616	990	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{66}\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
117114	1616	150	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{49}{150}$	$\Phi_{150}^{16}\ \Phi_{75}^{16}\ \Phi_{30}^{16}\ \Phi_{15}^{16}\ \Phi_{6}^{16}\ \Phi_{5}^3\ \Phi_{3}^{16}\ \Phi_{1}^4$
117115	1616	261	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{59}{261}$	$\frac{28}{87}$	$\Phi_{261}^6\ \Phi_{87}^7\ \Phi_{29}^6\ \Phi_{9}^5\ \Phi_{3}^6\ \Phi_{1}^6$
117116	1616	1485	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{95}{297}$	$\Phi_{1485}^2\ \Phi_{135}^2\ \Phi_{45}\ \Phi_{15}$
117117	1616	441	$\frac{3}{49}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{46}{147}$	$\Phi_{441}^4\ \Phi_{147}^2\ \Phi_{63}^5\ \Phi_{49}^4\ \Phi_{21}^3\ \Phi_{9}^4\ \Phi_{7}^4\ \Phi_{3}^2\ \Phi_{1}^4$
117118	1616	585	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{1}{5}$	$\frac{181}{585}$	$\Phi_{585}^4\ \Phi_{117}^4\ \Phi_{45}^4\ \Phi_{15}^4\ \Phi_{9}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{1}^4$
117119	1616	2448	$\frac{1}{17}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{144}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
117120	1616	285	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{12}{95}$	$\frac{83}{285}$	$\Phi_{285}^8\ \Phi_{95}\ \Phi_{57}^8\ \Phi_{19}\ \Phi_{15}^8\ \Phi_{5}\ \Phi_{3}^8\ \Phi_{1}^2$
117121	1616	2835	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{1}{5}$	$\frac{163}{567}$	$\Phi_{2835}\ \Phi_{405}\ \Phi_{135}\ \Phi_{45}\ \Phi_{15}$
117122	1616	459	$\frac{1}{17}$	$\frac{55}{459}$	$\frac{8}{51}$	$\frac{43}{153}$	$\Phi_{459}^4\ \Phi_{153}^2\ \Phi_{51}^4\ \Phi_{27}^4\ \Phi_{17}^3\ \Phi_{9}^2\ \Phi_{3}^4\ \Phi_{1}^4$
117123	1616	209	$\frac{7}{209}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{209}^8\ \Phi_{19}^5\ \Phi_{11}^8\ \Phi_{1}^6$
117124	1616	425	$\frac{21}{425}$	$\frac{9}{85}$	$\frac{19}{85}$	$\frac{22}{85}$	$\Phi_{425}^4\ \Phi_{85}^3\ \Phi_{25}^4\ \Phi_{17}^3\ \Phi_{5}^3\ \Phi_{1}^4$
117125	1616	135	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{34}{135}$	$\Phi_{135}^{16}\ \Phi_{45}^4\ \Phi_{27}^{16}\ \Phi_{15}^4\ \Phi_{9}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{1}^4$
117126	1616	520	$\frac{3}{104}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{520}^3\ \Phi_{260}^3\ \Phi_{130}^3\ \Phi_{104}^4\ \Phi_{65}^3\ \Phi_{52}^4\ \Phi_{40}^3\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_{8}^4\ \Phi_{5}^3\ \Phi_{1}^4$
117127	1616	133	$\frac{5}{133}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{32}{133}$	$\Phi_{133}^{12}\ \Phi_{19}^{13}\ \Phi_{7}^{12}\ \Phi_{1}^{14}$
117128	1616	540	$\frac{7}{108}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{10}^4$
117129	1616	1008	$\frac{11}{112}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2$
117130	1616	114	$\frac{5}{57}$	$\frac{13}{114}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{114}^{16}\ \Phi_{57}^{12}\ \Phi_{38}^{16}\ \Phi_{19}^{13}\ \Phi_{6}^{16}\ \Phi_{3}^{12}\ \Phi_{2}^{16}\ \Phi_{1}^{14}$
117131	1616	2040	$\frac{1}{17}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{51}\ \Phi_{34}$
117132	1616	255	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{43}{255}$	$\frac{53}{255}$	$\Phi_{255}^6\ \Phi_{85}^6\ \Phi_{51}^8\ \Phi_{17}^7\ \Phi_{15}^6\ \Phi_{5}^6\ \Phi_{3}^8\ \Phi_{1}^8$
117133	1616	105	$\frac{4}{105}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{105}^{16}\ \Phi_{35}^{16}\ \Phi_{21}^{16}\ \Phi_{15}^{16}\ \Phi_{7}^{16}\ \Phi_{5}^3\ \Phi_{3}^{16}\ \Phi_{1}^4$
117134	1616	125	$\frac{1}{25}$	$\frac{24}{125}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{125}^{16}\ \Phi_{5}^3\ \Phi_{1}^4$
117135	1616	425	$\frac{21}{425}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{425}^4\ \Phi_{85}^4\ \Phi_{17}^4\ \Phi_{5}^3\ \Phi_{1}^4$
117136	1616	120	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{120}^{16}\ \Phi_{60}^{16}\ \Phi_{40}^{16}\ \Phi_{30}^{16}\ \Phi_{24}^{16}\ \Phi_{15}^{16}\ \Phi_{12}^{16}\ \Phi_{8}^{16}\ \Phi_{6}^{16}\ \Phi_{5}^3\ \Phi_{3}^{16}\ \Phi_{1}^4$
117137	1616	225	$\frac{2}{25}$	$\frac{23}{225}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{225}^8\ \Phi_{75}^8\ \Phi_{45}^8\ \Phi_{15}^8\ \Phi_{9}^8\ \Phi_{5}^3\ \Phi_{3}^8\ \Phi_{1}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
117138	1616	110	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{110}^{16}\ \Phi_{55}^{16}\ \Phi_{22}^{16}\ \Phi_{11}^{16}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
117139	1616	495	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{495}$	$\frac{1}{5}$	$\Phi_{495}^{3}\ \Phi_{165}^{3}\ \Phi_{99}^{4}\ \Phi_{55}^{3}\ \Phi_{45}^{4}\ \Phi_{33}^{4}\ \Phi_{15}^{4}\ \Phi_{11}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
117140	1616	225	$\frac{4}{45}$	$\frac{23}{225}$	$\frac{41}{225}$	$\frac{1}{5}$	$\Phi_{225}^{7}\ \Phi_{75}^{7}\ \Phi_{45}^{8}\ \Phi_{25}^{7}\ \Phi_{15}^{8}\ \Phi_{9}^{8}\ \Phi_{5}^{7}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
117141	1616	945	$\frac{4}{45}$	$\frac{41}{315}$	$\frac{137}{945}$	$\frac{1}{5}$	$\Phi_{945}^{2}\ \Phi_{315}\ \Phi_{189}^{2}\ \Phi_{135}^{2}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}^{2}\ \Phi_{35}\ \Phi_{27}^{2}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
117142	1616	2205	$\frac{1}{9}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{245}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{315}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{21}\ \Phi_{15}$
117143	1617	2148	$\frac{2}{537}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{535}{1074}$	$\Phi_{2148}\ \Phi_{716}\ \Phi_{537}\ \Phi_{179}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
117144	1617	1380	$\frac{1}{230}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{229}{460}$	$\Phi_{690}^{2}\ \Phi_{460}\ \Phi_{345}^{2}\ \Phi_{230}^{2}\ \Phi_{138}^{2}\ \Phi_{115}^{2}\ \Phi_{92}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{30}^{2}\ \Phi_{23}^{2}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117145	1617	4140	$\frac{1}{230}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{229}{460}$	$\Phi_{4140}\ \Phi_{828}\ \Phi_{460}\ \Phi_{180}\ \Phi_{92}\ \Phi_{36}\ \Phi_{20}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
117146	1617	720	$\frac{1}{180}$	$\frac{1}{4}$	$\frac{181}{720}$	$\frac{179}{360}$	$\Phi_{720}^{3}\ \Phi_{240}^{3}\ \Phi_{180}^{3}\ \Phi_{144}^{3}\ \Phi_{90}^{3}\ \Phi_{80}^{3}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{45}^{3}\ \Phi_{36}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{18}^{3}\ \Phi_{16}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117147	1617	1072	$\frac{3}{536}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{533}{1072}$	$\Phi_{1072}^{3}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117148	1617	1460	$\frac{1}{146}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{145}{292}$	$\Phi_{730}^{2}\ \Phi_{365}^{2}\ \Phi_{292}\ \Phi_{146}^{2}\ \Phi_{73}^{2}\ \Phi_{20}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117149	1617	4380	$\frac{1}{146}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{145}{292}$	$\Phi_{4380}\ \Phi_{876}\ \Phi_{292}\ \Phi_{60}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
117150	1617	2140	$\frac{4}{535}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{531}{1070}$	$\Phi_{2140}\ \Phi_{535}\ \Phi_{428}\ \Phi_{107}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
117151	1617	648	$\frac{1}{108}$	$\frac{109}{648}$	$\frac{1}{4}$	$\frac{107}{216}$	$\Phi_{648}^{3}\ \Phi_{324}^{3}\ \Phi_{162}^{3}\ \Phi_{108}^{3}\ \Phi_{81}^{3}\ \Phi_{54}^{3}\ \Phi_{36}^{3}\ \Phi_{27}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117152	1617	1068	$\frac{5}{534}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{529}{1068}$	$\Phi_{1068}\ \Phi_{534}^{2}\ \Phi_{356}\ \Phi_{267}^{2}\ \Phi_{178}^{2}\ \Phi_{89}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117153	1617	3200	$\frac{17}{1600}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{1583}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{128}\ \Phi_{32}\ \Phi_{1}$
117154	1617	3200	$\frac{17}{1600}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1583}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{128}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
117155	1617	760	$\frac{1}{76}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{75}{152}$	$\Phi_{380}^{4}\ \Phi_{190}^{4}\ \Phi_{152}\ \Phi_{95}^{4}\ \Phi_{76}^{4}\ \Phi_{40}\ \Phi_{38}^{4}\ \Phi_{20}^{4}\ \Phi_{19}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
117156	1617	760	$\frac{1}{76}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{75}{152}$	$\Phi_{760}^{4}\ \Phi_{152}^{5}\ \Phi_{40}^{4}\ \Phi_{10}^{2}\ \Phi_{8}^{5}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117157	1617	152	$\frac{1}{76}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{75}{152}$	$\Phi_{152}^{9}\ \Phi_{76}^{12}\ \Phi_{38}^{12}\ \Phi_{19}^{12}\ \Phi_{8}^{12}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
117158	1617	3800	$\frac{1}{76}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{75}{152}$	$\Phi_{3800}\ \Phi_{200}\ \Phi_{152}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
117159	1617	2124	$\frac{8}{531}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{523}{1062}$	$\Phi_{2124}\ \Phi_{708}\ \Phi_{531}\ \Phi_{236}\ \Phi_{177}\ \Phi_{59}\ \Phi_{36}^{2}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
117160	1617	600	$\frac{1}{60}$	$\frac{61}{600}$	$\frac{1}{4}$	$\frac{59}{120}$	$\Phi_{600}^{3}\ \Phi_{300}^{3}\ \Phi_{200}^{3}\ \Phi_{150}^{3}\ \Phi_{100}^{3}\ \Phi_{75}^{3}\ \Phi_{60}^{3}\ \Phi_{50}^{3}\ \Phi_{30}^{3}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117161	1617	1060	$\frac{9}{530}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{521}{1060}$	$\Phi_{1060}\ \Phi_{530}^{2}\ \Phi_{265}^{2}\ \Phi_{212}\ \Phi_{106}^{2}\ \Phi_{53}^{2}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117162	1617	192	$\frac{1}{48}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{47}{96}$	$\Phi_{192}^{16}\ \Phi_{96}\ \Phi_{64}^{17}\ \Phi_{32}\ \Phi_{1}$
117163	1617	96	$\frac{1}{48}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{47}{96}$	$\Phi_{96}^{33}\ \Phi_{32}^{33}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117164	1617	96	$\frac{1}{48}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{47}{96}$	$\Phi_{96}^{33}\ \Phi_{32}^{33}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117165	1617	480	$\frac{1}{48}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{47}{96}$	$\Phi_{480}^{8}\ \Phi_{160}^{8}\ \Phi_{96}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
117166	1617	1650	$\frac{2}{75}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{330}\ \Phi_{275}\ \Phi_{165}\ \Phi_{110}\ \Phi_{75}\ \Phi_{66}^{2}\ \Phi_{55}\ \Phi_{33}^{2}\ \Phi_{25}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
117167	1617	300	$\frac{2}{75}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{73}{150}$	$\Phi_{300}^{7}\ \Phi_{100}^{7}\ \Phi_{75}^{7}\ \Phi_{60}^{8}\ \Phi_{30}\ \Phi_{25}^{7}\ \Phi_{20}^{8}\ \Phi_{15}^{7}\ \Phi_{12}^{8}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}^{7}\ \Phi_{4}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{7}$
117168	1617	2176	$\frac{15}{544}$	$\frac{1}{16}$	$\frac{559}{2176}$	$\frac{529}{1088}$	$\Phi_{2176}\ \Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{128}\ \Phi_{68}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{1}$
117169	1617	576	$\frac{1}{36}$	$\frac{37}{576}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{576}^{3}\ \Phi_{288}^{3}\ \Phi_{192}^{3}\ \Phi_{144}^{3}\ \Phi_{96}^{3}\ \Phi_{64}^{3}\ \Phi_{48}^{3}\ \Phi_{36}^{3}\ \Phi_{32}^{3}\ \Phi_{18}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117170	1617	1856	$\frac{7}{232}$	$\frac{1}{8}$	$\frac{239}{1856}$	$\frac{225}{464}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{232}\ \Phi_{116}\ \Phi_{64}\ \Phi_{58}\ \Phi_{32}\ \Phi_{29}\ \Phi_{1}$
117171	1617	3264	$\frac{1}{32}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{64}\ \Phi_{51}\ \Phi_{17}\ \Phi_{1}$
117172	1617	576	$\frac{1}{32}$	$\frac{1}{24}$	$\frac{23}{72}$	$\frac{31}{64}$	$\Phi_{576}^{8}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
117173	1617	832	$\frac{1}{32}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{832}^{4}\,\Phi_{64}\,\Phi_{52}\,\Phi_{26}\,\Phi_{13}\,\Phi_{1}$
117174	1617	64	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{31}{64}$	$\Phi_{64}^{18}\,\Phi_{32}^{33}\,\Phi_{16}^{32}\,\Phi_{8}^{32}\,\Phi_{4}^{32}\,\Phi_{2}^{32}\,\Phi_{1}^{33}$
117175	1617	960	$\frac{1}{32}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{31}{64}$	$\Phi_{960}^{4}\,\Phi_{320}^{4}\,\Phi_{64}\,\Phi_{60}\,\Phi_{30}\,\Phi_{20}\,\Phi_{15}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
117176	1617	1728	$\frac{1}{32}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{31}{64}$	$\Phi_{1728}^{2}\,\Phi_{576}^{2}\,\Phi_{64}\,\Phi_{54}\,\Phi_{27}\,\Phi_{18}\,\Phi_{9}\,\Phi_{1}$
117177	1617	64	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{31}{64}$	$\Phi_{64}^{49}\,\Phi_{8}^{6}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
117178	1617	1044	$\frac{17}{522}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{505}{1044}$	$\Phi_{1044}\,\Phi_{522}^{2}\,\Phi_{348}\,\Phi_{261}^{2}\,\Phi_{174}^{2}\,\Phi_{116}\,\Phi_{87}^{2}\,\Phi_{58}^{2}\,\Phi_{36}^{3}\,\Phi_{29}^{2}\,\Phi_{18}^{3}\,\Phi_{12}^{3}\,\Phi_{9}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
117179	1617	1040	$\frac{19}{520}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{501}{1040}$	$\Phi_{1040}^{3}\,\Phi_{208}^{3}\,\Phi_{80}^{3}\,\Phi_{20}^{3}\,\Phi_{16}^{3}\,\Phi_{10}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
117180	1617	1144	$\frac{1}{26}$	$\frac{1}{22}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{1144}^{2}\,\Phi_{286}^{2}\,\Phi_{143}^{2}\,\Phi_{104}\,\Phi_{88}^{2}\,\Phi_{26}\,\Phi_{22}\,\Phi_{13}\,\Phi_{11}\,\Phi_{8}\,\Phi_{1}$
117181	1617	2280	$\frac{1}{38}$	$\frac{1}{20}$	$\frac{37}{114}$	$\frac{19}{40}$	$\Phi_{2280}^{2}\,\Phi_{456}^{2}\,\Phi_{120}^{2}\,\Phi_{114}\,\Phi_{57}\,\Phi_{40}\,\Phi_{24}^{2}\,\Phi_{8}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
117182	1617	80	$\frac{3}{80}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{80}^{21}\,\Phi_{40}^{18}\,\Phi_{20}^{21}\,\Phi_{16}^{21}\,\Phi_{10}^{21}\,\Phi_{8}^{18}\,\Phi_{5}^{21}\,\Phi_{4}^{20}\,\Phi_{2}^{20}\,\Phi_{1}^{21}$
117183	1617	760	$\frac{1}{20}$	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{19}{40}$	$\Phi_{760}^{4}\,\Phi_{152}^{4}\,\Phi_{95}\,\Phi_{40}^{5}\,\Phi_{8}^{5}\,\Phi_{5}\,\Phi_{1}$
117184	1617	760	$\frac{1}{20}$	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{19}{40}$	$\Phi_{760}^{4}\,\Phi_{152}^{4}\,\Phi_{40}^{5}\,\Phi_{38}^{2}\,\Phi_{19}^{2}\,\Phi_{8}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
117185	1617	120	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{19}{40}$	$\Phi_{120}^{12}\,\Phi_{60}^{16}\,\Phi_{40}^{9}\,\Phi_{30}^{16}\,\Phi_{24}^{16}\,\Phi_{20}^{12}\,\Phi_{15}^{16}\,\Phi_{12}^{19}\,\Phi_{10}^{12}\,\Phi_{8}^{12}\,\Phi_{6}^{19}\,\Phi_{5}^{12}\,\Phi_{4}^{14}\,\Phi_{3}^{19}\,\Phi_{2}^{14}\,\Phi_{1}^{15}$
117186	1617	2052	$\frac{1}{27}$	$\frac{26}{513}$	$\frac{1}{4}$	$\frac{487}{1026}$	$\Phi_{2052}\,\Phi_{684}\,\Phi_{513}\,\Phi_{228}\,\Phi_{171}\,\Phi_{108}^{2}\,\Phi_{76}\,\Phi_{57}\,\Phi_{54}\,\Phi_{36}^{2}\,\Phi_{27}\,\Phi_{19}\,\Phi_{18}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
117187	1617	1024	$\frac{27}{512}$	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{485}{1024}$	$\Phi_{1024}^{3}\,\Phi_{32}^{3}\,\Phi_{16}^{2}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
117188	1617	1020	$\frac{1}{30}$	$\frac{29}{510}$	$\frac{1}{4}$	$\frac{481}{1020}$	$\Phi_{1020}\,\Phi_{510}^{2}\,\Phi_{340}\,\Phi_{255}^{2}\,\Phi_{204}\,\Phi_{170}^{2}\,\Phi_{102}^{2}\,\Phi_{85}^{2}\,\Phi_{68}\,\Phi_{60}^{3}\,\Phi_{51}^{2}\,\Phi_{34}^{2}\,\Phi_{30}^{3}\,\Phi_{20}^{3}\,\Phi_{17}^{2}\,\Phi_{15}^{3}\,\Phi_{12}^{3}\,\Phi_{10}^{3}\,\Phi_{6}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
117189	1617	800	$\frac{17}{800}$	$\frac{1}{16}$	$\frac{261}{800}$	$\frac{15}{32}$	$\Phi_{800}^{2}\,\Phi_{400}^{2}\,\Phi_{200}^{2}\,\Phi_{160}^{2}\,\Phi_{100}^{2}\,\Phi_{80}^{2}\,\Phi_{50}^{2}\,\Phi_{40}^{2}\,\Phi_{32}^{3}\,\Phi_{25}^{2}\,\Phi_{20}^{2}\,\Phi_{16}^{2}\,\Phi_{10}^{2}\,\Phi_{8}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
117190	1617	1664	$\frac{47}{1664}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{1664}\,\Phi_{832}\,\Phi_{416}\,\Phi_{208}\,\Phi_{128}\,\Phi_{104}\,\Phi_{52}\,\Phi_{32}\,\Phi_{26}\,\Phi_{13}\,\Phi_{1}$
117191	1617	640	$\frac{17}{320}$	$\frac{1}{16}$	$\frac{101}{640}$	$\frac{15}{32}$	$\Phi_{640}^{3}\,\Phi_{320}^{2}\,\Phi_{160}^{2}\,\Phi_{128}^{3}\,\Phi_{80}^{2}\,\Phi_{64}^{2}\,\Phi_{40}^{2}\,\Phi_{32}^{3}\,\Phi_{20}^{2}\,\Phi_{16}^{2}\,\Phi_{10}^{2}\,\Phi_{8}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
117192	1617	160	$\frac{1}{16}$	$\frac{13}{160}$	$\frac{17}{160}$	$\frac{15}{32}$	$\Phi_{160}^{10}\,\Phi_{80}^{10}\,\Phi_{40}^{10}\,\Phi_{32}^{11}\,\Phi_{20}^{10}\,\Phi_{16}^{10}\,\Phi_{10}^{10}\,\Phi_{8}^{10}\,\Phi_{5}^{10}\,\Phi_{4}^{10}\,\Phi_{2}^{10}\,\Phi_{1}^{11}$
117193	1617	144	$\frac{1}{36}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{67}{144}$	$\Phi_{144}^{21}\,\Phi_{48}^{21}\,\Phi_{36}^{3}\,\Phi_{18}^{3}\,\Phi_{16}^{21}\,\Phi_{12}^{3}\,\Phi_{9}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
117194	1617	1584	$\frac{1}{22}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{1584}^{2}\,\Phi_{528}^{2}\,\Phi_{176}^{2}\,\Phi_{144}\,\Phi_{66}^{2}\,\Phi_{48}\,\Phi_{33}^{2}\,\Phi_{22}\,\Phi_{16}\,\Phi_{11}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
117195	1617	552	$\frac{13}{552}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{552}^{3}\,\Phi_{276}^{3}\,\Phi_{184}^{3}\,\Phi_{138}^{3}\,\Phi_{92}^{3}\,\Phi_{69}^{3}\,\Phi_{46}^{3}\,\Phi_{23}^{3}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
117196	1617	180	$\frac{1}{45}$	$\frac{4}{45}$	$\frac{1}{4}$	$\frac{41}{90}$	$\Phi_{180}^{12}\,\Phi_{90}\,\Phi_{60}^{12}\,\Phi_{45}^{11}\,\Phi_{36}^{12}\,\Phi_{30}\,\Phi_{20}^{12}\,\Phi_{18}\,\Phi_{15}^{11}\,\Phi_{12}^{12}\,\Phi_{10}\,\Phi_{9}^{11}\,\Phi_{6}\,\Phi_{5}^{11}\,\Phi_{4}^{11}\,\Phi_{3}^{11}\,\Phi_{1}^{11}$
117197	1617	1530	$\frac{1}{34}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{1530}\,\Phi_{765}\,\Phi_{510}\,\Phi_{306}\,\Phi_{255}\,\Phi_{170}^{2}\,\Phi_{153}\,\Phi_{102}\,\Phi_{85}^{2}\,\Phi_{51}\,\Phi_{45}\,\Phi_{34}\,\Phi_{17}\,\Phi_{15}\,\Phi_{10}\,\Phi_{9}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
117198	1617	1460	$\frac{1}{73}$	$\frac{1}{10}$	$\frac{24}{73}$	$\frac{9}{20}$	$\Phi_{1460}^{2}\,\Phi_{292}^{2}\,\Phi_{73}^{2}\,\Phi_{20}^{3}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
117199	1617	100	$\frac{1}{50}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{100}^{12}\,\Phi_{50}^{21}\,\Phi_{25}^{21}\,\Phi_{20}^{11}\,\Phi_{10}^{19}\,\Phi_{5}^{19}\,\Phi_{4}^{10}\,\Phi_{2}^{18}\,\Phi_{1}^{19}$
117200	1617	1020	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{1020}^{2}\,\Phi_{510}^{2}\,\Phi_{255}^{2}\,\Phi_{204}^{2}\,\Phi_{170}^{2}\,\Phi_{102}^{2}\,\Phi_{85}^{2}\,\Phi_{60}\,\Phi_{51}^{2}\,\Phi_{34}\,\Phi_{30}\,\Phi_{17}\,\Phi_{15}\,\Phi_{12}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
117201	1617	1460	$\frac{3}{73}$	$\frac{1}{10}$	$\frac{10}{73}$	$\frac{9}{20}$	$\Phi_{1460}^{2}\,\Phi_{292}^{2}\,\Phi_{73}^{2}\,\Phi_{20}^{3}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
117202	1617	440	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{440}^{4}\,\Phi_{220}^{2}\,\Phi_{110}^{4}\,\Phi_{88}^{6}\,\Phi_{55}^{4}\,\Phi_{44}^{4}\,\Phi_{40}^{2}\,\Phi_{22}^{5}\,\Phi_{20}\,\Phi_{11}^{5}\,\Phi_{10}^{2}\,\Phi_{8}^{3}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
117203	1617	972	$\frac{1}{54}$	$\frac{53}{486}$	$\frac{1}{4}$	$\frac{433}{972}$	$\Phi_{972}\,\Phi_{486}^{2}\,\Phi_{324}\,\Phi_{243}^{2}\,\Phi_{162}^{2}\,\Phi_{108}^{3}\,\Phi_{81}^{2}\,\Phi_{54}^{3}\,\Phi_{36}^{3}\,\Phi_{27}^{3}\,\Phi_{18}^{3}\,\Phi_{12}^{3}\,\Phi_{9}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
117204	1617	960	$\frac{1}{60}$	$\frac{59}{480}$	$\frac{1}{4}$	$\frac{421}{960}$	$\Phi_{960}^{3}\,\Phi_{320}^{3}\,\Phi_{192}^{3}\,\Phi_{64}^{3}\,\Phi_{60}^{3}\,\Phi_{30}^{3}\,\Phi_{20}^{3}\,\Phi_{15}^{3}\,\Phi_{12}^{3}\,\Phi_{10}^{3}\,\Phi_{6}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
117205	1617	80	$\frac{3}{80}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{80}^{21}\,\Phi_{40}^{21}\,\Phi_{20}^{21}\,\Phi_{16}^{14}\,\Phi_{10}^{21}\,\Phi_{8}^{20}\,\Phi_{5}^{21}\,\Phi_{4}^{20}\,\Phi_{2}^{20}\,\Phi_{1}^{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
117206	1617	232	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{4}{29}$	$\frac{25}{58}$	$\Phi_{232}^{8}\ \Phi_{116}^{8}\ \Phi_{58}\ \Phi_{29}^{7}\ \Phi_{8}^{7}\ \Phi_{4}^{7}\ \Phi_{1}^{7}$
117207	1617	404	$\frac{3}{101}$	$\frac{14}{101}$	$\frac{29}{202}$	$\frac{173}{404}$	$\Phi_{404}^{7}\ \Phi_{101}^{2}\ \Phi_{4}^{7}\ \Phi_{1}^{3}$
117208	1617	1640	$\frac{23}{1640}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{410}\ \Phi_{328}\ \Phi_{205}\ \Phi_{164}\ \Phi_{82}\ \Phi_{41}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
117209	1617	576	$\frac{1}{16}$	$\frac{37}{576}$	$\frac{5}{32}$	$\frac{27}{64}$	$\Phi_{576}^{3}\ \Phi_{288}^{3}\ \Phi_{192}^{3}\ \Phi_{144}^{3}\ \Phi_{96}^{3}\ \Phi_{72}^{3}\ \Phi_{48}^{3}\ \Phi_{36}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{16}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117210	1617	928	$\frac{7}{232}$	$\frac{1}{8}$	$\frac{75}{464}$	$\frac{389}{928}$	$\Phi_{928}^{3}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{32}^{3}\ \Phi_{29}\ \Phi_{1}$
117211	1617	1380	$\frac{1}{115}$	$\frac{1}{6}$	$\frac{38}{115}$	$\frac{5}{12}$	$\Phi_{1380}^{2}\ \Phi_{460}^{2}\ \Phi_{276}^{2}\ \Phi_{115}^{2}\ \Phi_{92}^{2}\ \Phi_{60}^{2}\ \Phi_{23}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
117212	1617	156	$\frac{1}{78}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{156}^{8}\ \Phi_{78}^{13}\ \Phi_{52}^{8}\ \Phi_{39}^{13}\ \Phi_{26}^{13}\ \Phi_{13}^{13}\ \Phi_{12}^{7}\ \Phi_{6}^{11}\ \Phi_{4}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
117213	1617	2820	$\frac{4}{235}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{2820}\ \Phi_{940}\ \Phi_{564}\ \Phi_{235}\ \Phi_{188}\ \Phi_{47}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
117214	1617	276	$\frac{1}{46}$	$\frac{15}{92}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{276}^{4}\ \Phi_{138}^{6}\ \Phi_{92}^{7}\ \Phi_{69}^{6}\ \Phi_{46}^{8}\ \Phi_{23}^{8}\ \Phi_{12}^{5}\ \Phi_{6}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
117215	1617	1380	$\frac{3}{115}$	$\frac{16}{115}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1380}^{2}\ \Phi_{460}^{2}\ \Phi_{276}^{2}\ \Phi_{115}^{2}\ \Phi_{92}^{2}\ \Phi_{60}^{2}\ \Phi_{23}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
117216	1617	408	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{408}^{4}\ \Phi_{204}^{2}\ \Phi_{136}^{6}\ \Phi_{102}^{4}\ \Phi_{68}^{4}\ \Phi_{51}^{4}\ \Phi_{34}^{5}\ \Phi_{24}^{2}\ \Phi_{17}^{5}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117217	1617	240	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{240}^{6}\ \Phi_{120}^{6}\ \Phi_{80}^{9}\ \Phi_{60}^{4}\ \Phi_{48}^{6}\ \Phi_{40}^{9}\ \Phi_{30}^{6}\ \Phi_{24}^{6}\ \Phi_{20}^{7}\ \Phi_{16}^{9}\ \Phi_{15}^{6}\ \Phi_{12}^{5}\ \Phi_{10}^{8}\ \Phi_{8}^{9}\ \Phi_{6}^{6}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
117218	1617	276	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{276}^{10}\ \Phi_{92}^{10}\ \Phi_{23}^{10}\ \Phi_{12}^{11}\ \Phi_{4}^{11}\ \Phi_{1}^{11}$
117219	1617	132	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{132}^{12}\ \Phi_{66}^{14}\ \Phi_{44}^{12}\ \Phi_{33}^{14}\ \Phi_{22}^{13}\ \Phi_{12}^{6}\ \Phi_{11}^{13}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
117220	1617	1430	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{1430}\ \Phi_{715}\ \Phi_{286}^{2}\ \Phi_{143}^{2}\ \Phi_{110}\ \Phi_{65}\ \Phi_{55}\ \Phi_{26}\ \Phi_{22}\ \Phi_{13}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}$
117221	1617	2720	$\frac{15}{272}$	$\frac{1}{16}$	$\frac{257}{1360}$	$\frac{1103}{2720}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{272}\ \Phi_{160}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{1}$
117222	1617	900	$\frac{1}{90}$	$\frac{89}{450}$	$\frac{1}{4}$	$\frac{361}{900}$	$\Phi_{900}\ \Phi_{450}^{2}\ \Phi_{300}\ \Phi_{225}^{2}\ \Phi_{180}^{3}\ \Phi_{150}^{2}\ \Phi_{100}\ \Phi_{90}^{3}\ \Phi_{75}^{2}\ \Phi_{60}^{3}\ \Phi_{50}^{2}\ \Phi_{45}^{3}\ \Phi_{36}^{3}\ \Phi_{30}^{3}\ \Phi_{25}^{2}\ \Phi_{20}^{3}\ \Phi_{18}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117223	1617	1332	$\frac{1}{148}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1332}\ \Phi_{666}\ \Phi_{444}^{2}\ \Phi_{333}\ \Phi_{222}^{2}\ \Phi_{148}\ \Phi_{111}^{2}\ \Phi_{74}\ \Phi_{37}\ \Phi_{36}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
117224	1617	1360	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{1360}^{2}\ \Phi_{272}^{2}\ \Phi_{170}^{2}\ \Phi_{85}^{2}\ \Phi_{80}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
117225	1617	864	$\frac{1}{108}$	$\frac{107}{432}$	$\frac{1}{4}$	$\frac{325}{864}$	$\Phi_{864}^{3}\ \Phi_{288}^{3}\ \Phi_{108}^{3}\ \Phi_{96}^{3}\ \Phi_{54}^{3}\ \Phi_{36}^{3}\ \Phi_{32}^{3}\ \Phi_{27}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117226	1617	592	$\frac{1}{148}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{592}^{4}\ \Phi_{148}^{3}\ \Phi_{74}^{3}\ \Phi_{37}^{3}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117227	1617	544	$\frac{5}{544}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{544}^{3}\ \Phi_{272}^{3}\ \Phi_{136}^{3}\ \Phi_{68}^{3}\ \Phi_{34}^{3}\ \Phi_{32}^{3}\ \Phi_{17}^{3}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117228	1617	456	$\frac{5}{152}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{456}^{4}\ \Phi_{228}^{4}\ \Phi_{152}^{3}\ \Phi_{114}^{4}\ \Phi_{76}^{3}\ \Phi_{57}^{4}\ \Phi_{38}^{3}\ \Phi_{19}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117229	1617	104	$\frac{5}{104}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{104}^{15}\ \Phi_{52}^{16}\ \Phi_{26}^{16}\ \Phi_{13}^{16}\ \Phi_{8}^{16}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
117230	1617	160	$\frac{3}{80}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{160}^{16}\ \Phi_{80}^{5}\ \Phi_{40}^{5}\ \Phi_{32}^{13}\ \Phi_{20}^{5}\ \Phi_{16}^{4}\ \Phi_{10}^{5}\ \Phi_{8}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
117231	1617	444	$\frac{1}{37}$	$\frac{1}{12}$	$\frac{12}{37}$	$\frac{25}{74}$	$\Phi_{444}^{4}\ \Phi_{222}^{4}\ \Phi_{148}^{4}\ \Phi_{111}^{4}\ \Phi_{74}\ \Phi_{37}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
117232	1617	232	$\frac{1}{58}$	$\frac{1}{8}$	$\frac{19}{58}$	$\frac{39}{116}$	$\Phi_{232}^{8}\ \Phi_{116}^{5}\ \Phi_{58}^{7}\ \Phi_{29}^{7}\ \Phi_{8}^{7}\ \Phi_{4}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
117233	1617	1620	$\frac{1}{135}$	$\frac{1}{4}$	$\frac{134}{405}$	$\frac{271}{810}$	$\Phi_{1620}\ \Phi_{540}^{2}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}^{2}\ \Phi_{135}\ \Phi_{108}^{2}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}^{2}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}^{2}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}^{2}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
117234	1617	808	$\frac{1}{202}$	$\frac{67}{202}$	$\frac{269}{808}$	$\frac{135}{404}$	$\Phi_{808}^{3}\ \Phi_{202}^{2}\ \Phi_{101}^{2}\ \Phi_{8}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117235	1617	1035	$\frac{1}{115}$	$\frac{2}{9}$	$\frac{38}{115}$	$\frac{1}{3}$	$\Phi_{1035}^{2}\ \Phi_{207}^{2}\ \Phi_{115}^{2}\ \Phi_{45}^{2}\ \Phi_{23}^{2}\ \Phi_{9}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
117236	1617	816	$\frac{2}{51}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{816}^{2}\ \Phi_{408}^{2}\ \Phi_{272}^{2}\ \Phi_{204}^{2}\ \Phi_{136}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{51}^{3}\ \Phi_{34}^{2}\ \Phi_{17}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117237	1617	468	$\frac{1}{78}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{468}^{6}\ \Phi_{234}^{3}\ \Phi_{156}^{2}\ \Phi_{117}^{3}\ \Phi_{78}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{36}^{5}\ \Phi_{26}\ \Phi_{18}^{2}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
117238	1617	204	$\frac{2}{51}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^{8}\ \Phi_{102}^{8}\ \Phi_{68}^{8}\ \Phi_{51}^{9}\ \Phi_{34}^{8}\ \Phi_{17}^{9}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
117239	1617	2115	$\frac{4}{235}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2115}\ \Phi_{423}\ \Phi_{235}\ \Phi_{47}\ \Phi_{9}\ \Phi_{1}$
117240	1617	828	$\frac{1}{46}$	$\frac{15}{92}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{828}^{3}\ \Phi_{414}^{2}\ \Phi_{207}^{2}\ \Phi_{92}^{3}\ \Phi_{46}^{2}\ \Phi_{36}^{3}\ \Phi_{23}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{3}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117241	1617	1035	$\frac{3}{115}$	$\frac{16}{115}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1035}^{2}\ \Phi_{207}^{2}\ \Phi_{115}^{2}\ \Phi_{45}^{2}\ \Phi_{23}^{2}\ \Phi_{9}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
117242	1617	1224	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1224}^{2}\ \Phi_{612}^{2}\ \Phi_{306}\ \Phi_{153}\ \Phi_{136}^{2}\ \Phi_{72}\ \Phi_{68}^{2}\ \Phi_{36}\ \Phi_{34}\ \Phi_{17}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
117243	1617	720	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{144}^{3}\ \Phi_{90}^{2}\ \Phi_{80}^{3}\ \Phi_{72}^{3}\ \Phi_{45}^{2}\ \Phi_{40}^{3}\ \Phi_{36}^{3}\ \Phi_{20}^{3}\ \Phi_{18}^{2}\ \Phi_{16}^{3}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117244	1617	207	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{207}^{10}\ \Phi_{23}^{10}\ \Phi_{9}^{11}\ \Phi_{1}^{11}$
117245	1617	396	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{396}^{6}\ \Phi_{198}^{5}\ \Phi_{132}^{2}\ \Phi_{99}^{5}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{36}^{3}\ \Phi_{33}^{2}\ \Phi_{22}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
117246	1617	2040	$\frac{2}{51}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{85}\ \Phi_{51}\ \Phi_{40}\ \Phi_{20}\ \Phi_{17}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
117247	1617	990	$\frac{1}{22}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{330}\ \Phi_{198}^{2}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}^{2}\ \Phi_{90}\ \Phi_{66}^{2}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}^{2}\ \Phi_{22}\ \Phi_{18}\ \Phi_{15}\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
117248	1617	804	$\frac{3}{268}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{265}{804}$	$\Phi_{804}^{3}\ \Phi_{402}^{3}\ \Phi_{201}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117249	1617	1095	$\frac{1}{73}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{24}{73}$	$\Phi_{1095}^{2}\ \Phi_{219}^{2}\ \Phi_{73}^{2}\ \Phi_{15}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
117250	1617	648	$\frac{1}{54}$	$\frac{109}{648}$	$\frac{1}{4}$	$\frac{53}{162}$	$\Phi_{648}^{3}\ \Phi_{324}\ \Phi_{216}^{3}\ \Phi_{162}^{2}\ \Phi_{108}^{3}\ \Phi_{81}^{2}\ \Phi_{72}^{3}\ \Phi_{54}^{3}\ \Phi_{36}^{3}\ \Phi_{27}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117251	1617	800	$\frac{17}{800}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{261}{800}$	$\Phi_{800}^{2}\ \Phi_{400}^{2}\ \Phi_{200}^{2}\ \Phi_{160}^{2}\ \Phi_{100}^{2}\ \Phi_{80}^{2}\ \Phi_{50}^{2}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{25}^{2}\ \Phi_{20}^{3}\ \Phi_{16}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117252	1617	570	$\frac{1}{38}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{37}{114}$	$\Phi_{570}^{4}\ \Phi_{285}^{4}\ \Phi_{114}^{5}\ \Phi_{57}^{5}\ \Phi_{30}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{2}\ \Phi_{6}^{5}\ \Phi_{5}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117253	1617	456	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{37}{114}$	$\Phi_{456}^{6}\ \Phi_{228}^{4}\ \Phi_{114}^{5}\ \Phi_{57}^{5}\ \Phi_{24}^{6}\ \Phi_{12}^{4}\ \Phi_{8}^{3}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117254	1617	2850	$\frac{1}{38}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{37}{114}$	$\Phi_{2850}\ \Phi_{1425}\ \Phi_{150}\ \Phi_{114}\ \Phi_{75}\ \Phi_{57}\ \Phi_{25}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
117255	1617	696	$\frac{7}{232}$	$\frac{1}{8}$	$\frac{157}{696}$	$\frac{75}{232}$	$\Phi_{696}^{3}\ \Phi_{348}^{3}\ \Phi_{232}\ \Phi_{174}^{3}\ \Phi_{116}\ \Phi_{87}^{3}\ \Phi_{58}\ \Phi_{29}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}$
117256	1617	144	$\frac{1}{24}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{23}{72}$	$\Phi_{144}^{16}\ \Phi_{72}^{17}\ \Phi_{36}^{17}\ \Phi_{18}^{17}\ \Phi_{16}^{2}\ \Phi_{9}^{17}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117257	1617	72	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{23}{72}$	$\Phi_{72}^{33}\ \Phi_{36}^{33}\ \Phi_{18}^{33}\ \Phi_{12}^{3}\ \Phi_{9}^{33}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117258	1617	360	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{23}{72}$	$\Phi_{360}^{8}\ \Phi_{180}^{8}\ \Phi_{90}^{8}\ \Phi_{72}\ \Phi_{45}^{8}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
117259	1617	208	$\frac{3}{52}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{208}^{8}\ \Phi_{104}^{8}\ \Phi_{52}^{9}\ \Phi_{26}^{9}\ \Phi_{16}^{2}\ \Phi_{13}^{9}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117260	1617	64	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{5}{16}$	$\Phi_{64}^{33}\ \Phi_{32}^{33}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117261	1617	576	$\frac{1}{16}$	$\frac{37}{576}$	$\frac{11}{48}$	$\frac{5}{16}$	$\Phi_{576}^{3}\ \Phi_{288}^{3}\ \Phi_{192}^{3}\ \Phi_{144}^{3}\ \Phi_{96}^{3}\ \Phi_{72}^{3}\ \Phi_{64}^{3}\ \Phi_{36}^{3}\ \Phi_{32}^{3}\ \Phi_{18}^{3}\ \Phi_{16}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117262	1617	160	$\frac{1}{16}$	$\frac{13}{160}$	$\frac{3}{16}$	$\frac{5}{16}$	$\Phi_{160}^{11}\ \Phi_{80}^{11}\ \Phi_{40}^{11}\ \Phi_{32}^{11}\ \Phi_{20}^{11}\ \Phi_{16}^{2}\ \Phi_{10}^{11}\ \Phi_{8}^{2}\ \Phi_{5}^{11}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117263	1617	240	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{5}{16}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}^{8}\ \Phi_{60}^{9}\ \Phi_{40}^{8}\ \Phi_{30}^{9}\ \Phi_{20}^{9}\ \Phi_{16}^{2}\ \Phi_{15}^{9}\ \Phi_{10}^{9}\ \Phi_{8}^{2}\ \Phi_{5}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117264	1617	432	$\frac{1}{16}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{5}{16}$	$\Phi_{432}^{4}\ \Phi_{216}^{4}\ \Phi_{144}^{4}\ \Phi_{108}^{4}\ \Phi_{72}^{4}\ \Phi_{54}^{5}\ \Phi_{36}^{4}\ \Phi_{27}^{5}\ \Phi_{18}^{5}\ \Phi_{16}^{2}\ \Phi_{9}^{5}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117265	1617	16	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{5}{16}$	$\Phi_{16}^{98}\ \Phi_{8}^{104}\ \Phi_{4}^{104}\ \Phi_{2}^{104}\ \Phi_{1}^{105}$
117266	1617	780	$\frac{1}{20}$	$\frac{19}{260}$	$\frac{1}{4}$	$\frac{241}{780}$	$\Phi_{780}^{3}\ \Phi_{390}^{3}\ \Phi_{195}^{3}\ \Phi_{156}^{3}\ \Phi_{78}^{3}\ \Phi_{60}^{3}\ \Phi_{39}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117267	1617	101	$\frac{8}{101}$	$\frac{10}{101}$	$\frac{13}{101}$	$\frac{31}{101}$	$\Phi_{101}^{16}\ \Phi_{1}^{17}$
117268	1617	232	$\frac{19}{232}$	$\frac{23}{232}$	$\frac{1}{8}$	$\frac{71}{232}$	$\Phi_{232}^{7}\ \Phi_{116}^{7}\ \Phi_{58}^{7}\ \Phi_{29}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
117269	1617	80	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{80}^{21}\ \Phi_{40}^{21}\ \Phi_{20}^{17}\ \Phi_{16}^{21}\ \Phi_{10}^{19}\ \Phi_{8}^{21}\ \Phi_{5}^{19}\ \Phi_{4}^{16}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
117270	1617	190	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{18}{95}$	$\frac{3}{10}$	$\Phi_{190}^{8}\ \Phi_{95}^{9}\ \Phi_{38}^{8}\ \Phi_{19}^{8}\ \Phi_{10}^{10}\ \Phi_{5}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
117271	1617	190	$\frac{3}{38}$	$\frac{1}{10}$	$\frac{5}{38}$	$\frac{3}{10}$	$\Phi_{190}^{8}\ \Phi_{95}^{8}\ \Phi_{38}^{10}\ \Phi_{19}^{10}\ \Phi_{10}^{10}\ \Phi_{5}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
117272	1617	120	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{10}$	$\Phi_{120}^{16}\ \Phi_{60}^{12}\ \Phi_{40}^{12}\ \Phi_{30}^{12}\ \Phi_{24}^{20}\ \Phi_{20}^{8}\ \Phi_{15}^{12}\ \Phi_{12}^{15}\ \Phi_{10}^{10}\ \Phi_{8}^{15}\ \Phi_{6}^{15}\ \Phi_{5}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{15}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
117273	1617	768	$\frac{1}{16}$	$\frac{27}{256}$	$\frac{5}{32}$	$\frac{229}{768}$	$\Phi_{768}^{3}\ \Phi_{384}^{3}\ \Phi_{192}^{3}\ \Phi_{96}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117274	1617	202	$\frac{13}{202}$	$\frac{25}{202}$	$\frac{27}{202}$	$\frac{59}{202}$	$\Phi_{202}^{8}\ \Phi_{101}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
117275	1617	444	$\frac{1}{12}$	$\frac{15}{148}$	$\frac{19}{148}$	$\frac{43}{148}$	$\Phi_{444}^{4}\ \Phi_{222}^{4}\ \Phi_{148}^{3}\ \Phi_{111}^{4}\ \Phi_{74}^{3}\ \Phi_{37}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117276	1617	404	$\frac{33}{404}$	$\frac{41}{404}$	$\frac{53}{404}$	$\frac{117}{404}$	$\Phi_{404}^{4}\ \Phi_{202}^{4}\ \Phi_{101}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
117277	1617	232	$\frac{15}{232}$	$\frac{1}{8}$	$\frac{31}{232}$	$\frac{67}{232}$	$\Phi_{232}^{7}\ \Phi_{116}^{7}\ \Phi_{58}^{7}\ \Phi_{29}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
117278	1617	101	$\frac{3}{101}$	$\frac{14}{101}$	$\frac{24}{101}$	$\frac{29}{101}$	$\Phi_{101}^{16}\ \Phi_{1}^{17}$
117279	1617	108	$\frac{1}{36}$	$\frac{5}{36}$	$\frac{1}{4}$	$\frac{31}{108}$	$\Phi_{108}^{21}\ \Phi_{54}^{21}\ \Phi_{36}^{3}\ \Phi_{27}^{21}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117280	1617	1188	$\frac{1}{22}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{1188}^{2}\ \Phi_{594}^{2}\ \Phi_{297}^{2}\ \Phi_{108}\ \Phi_{66}^{2}\ \Phi_{54}\ \Phi_{33}^{2}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
117281	1617	990	$\frac{1}{22}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{330}^{2}\ \Phi_{165}^{2}\ \Phi_{110}^{2}\ \Phi_{90}\ \Phi_{66}^{2}\ \Phi_{55}^{2}\ \Phi_{45}\ \Phi_{33}^{2}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
117282	1617	202	$\frac{15}{202}$	$\frac{17}{202}$	$\frac{37}{202}$	$\frac{55}{202}$	$\Phi_{202}^{8}\ \Phi_{101}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
117283	1617	300	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{300}^{10}\ \Phi_{150}^{5}\ \Phi_{75}^{2}\ \Phi_{60}^{5}\ \Phi_{50}^{9}\ \Phi_{30}\ \Phi_{25}^{4}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}^{5}\ \Phi_{10}^{9}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^{5}\ \Phi_{1}$
117284	1617	1020	$\frac{1}{34}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1020}^{2}\ \Phi_{510}\ \Phi_{340}^{2}\ \Phi_{255}\ \Phi_{204}^{2}\ \Phi_{170}^{2}\ \Phi_{102}\ \Phi_{85}^{2}\ \Phi_{68}^{2}\ \Phi_{60}\ \Phi_{51}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
117285	1617	1095	$\frac{3}{73}$	$\frac{10}{73}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1095}^{2}\ \Phi_{219}^{2}\ \Phi_{73}^{2}\ \Phi_{15}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
117286	1617	1320	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{330}\ \Phi_{264}^{2}\ \Phi_{165}\ \Phi_{132}^{2}\ \Phi_{120}\ \Phi_{88}^{2}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
117287	1617	720	$\frac{1}{60}$	$\frac{59}{240}$	$\frac{1}{4}$	$\frac{181}{720}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{180}^{3}\ \Phi_{144}^{3}\ \Phi_{90}^{3}\ \Phi_{72}^{3}\ \Phi_{60}^{3}\ \Phi_{45}^{3}\ \Phi_{36}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{18}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117288	1617	80	$\frac{3}{80}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{80}^{21}\ \Phi_{40}^{21}\ \Phi_{20}^{21}\ \Phi_{16}^{21}\ \Phi_{10}^{21}\ \Phi_{8}^{12}\ \Phi_{5}^{21}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
117289	1617	156	$\frac{3}{52}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{156}^{12}\ \Phi_{78}^{12}\ \Phi_{52}^{9}\ \Phi_{39}^{12}\ \Phi_{26}^{9}\ \Phi_{13}^{9}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117290	1617	304	$\frac{3}{76}$	$\frac{1}{8}$	$\frac{73}{304}$	$\frac{1}{4}$	$\Phi_{304}^{7}\ \Phi_{152}^{3}\ \Phi_{76}^{4}\ \Phi_{38}^{4}\ \Phi_{19}^{4}\ \Phi_{16}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
117291	1617	192	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{15}{64}$	$\frac{1}{4}$	$\Phi_{192}^{12}\ \Phi_{96}^{12}\ \Phi_{64}^{9}\ \Phi_{32}^{9}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117292	1617	576	$\frac{37}{576}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{576}^{3}\ \Phi_{288}^{3}\ \Phi_{192}^{3}\ \Phi_{144}^{3}\ \Phi_{96}^{3}\ \Phi_{72}^{3}\ \Phi_{64}^{3}\ \Phi_{36}^{3}\ \Phi_{32}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117293	1617	80	$\frac{3}{80}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{80}^{20}\ \Phi_{40}^{20}\ \Phi_{20}^{21}\ \Phi_{16}^{20}\ \Phi_{10}^{21}\ \Phi_{8}^{20}\ \Phi_{5}^{21}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
117294	1617	400	$\frac{3}{80}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{400}^{5}\ \Phi_{200}^{5}\ \Phi_{100}^{4}\ \Phi_{80}\ \Phi_{50}^{4}\ \Phi_{40}\ \Phi_{25}^{5}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
117295	1617	2000	$\frac{17}{400}$	$\frac{3}{20}$	$\frac{383}{2000}$	$\frac{1}{4}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
117296	1617	760	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{18}{95}$	$\frac{1}{4}$	$\Phi_{760}^{3}\ \Phi_{380}^{2}\ \Phi_{190}^{2}\ \Phi_{95}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117297	1617	480	$\frac{13}{160}$	$\frac{1}{12}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{3}\ \Phi_{120}^{4}\ \Phi_{96}^{4}\ \Phi_{80}^{3}\ \Phi_{60}^{4}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{30}^{4}\ \Phi_{20}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117298	1617	600	$\frac{1}{15}$	$\frac{61}{600}$	$\frac{14}{75}$	$\frac{1}{4}$	$\Phi_{600}^{3}\ \Phi_{300}^{2}\ \Phi_{200}^{3}\ \Phi_{150}^{2}\ \Phi_{120}^{3}\ \Phi_{100}^{2}\ \Phi_{75}^{3}\ \Phi_{60}^{3}\ \Phi_{50}^{2}\ \Phi_{40}^{3}\ \Phi_{30}^{3}\ \Phi_{25}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117299	1617	60	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{4}$	$\Phi_{60}^{33}\ \Phi_{30}^{33}\ \Phi_{20}^{33}\ \Phi_{15}^{33}\ \Phi_{12}^{3}\ \Phi_{10}^{33}\ \Phi_{6}^{3}\ \Phi_{5}^{33}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117300	1617	520	$\frac{3}{52}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{520}^{4}\ \Phi_{260}^{4}\ \Phi_{130}^{4}\ \Phi_{65}^{4}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
117301	1617	1700	$\frac{83}{1700}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{425}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
117302	1617	108	$\frac{1}{12}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{108}^{16}\ \Phi_{54}^{17}\ \Phi_{36}^{16}\ \Phi_{27}^{17}\ \Phi_{18}^{17}\ \Phi_{12}^{3}\ \Phi_{9}^{17}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117303	1617	640	$\frac{17}{320}$	$\frac{3}{20}$	$\frac{101}{640}$	$\frac{1}{4}$	$\Phi_{640}^{3}\ \Phi_{320}^{2}\ \Phi_{160}^{2}\ \Phi_{128}^{3}\ \Phi_{80}^{2}\ \Phi_{64}^{2}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{20}^{3}\ \Phi_{16}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
117304	1617	160	$\frac{13}{160}$	$\frac{17}{160}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{160}^{10}\ \Phi_{80}^{10}\ \Phi_{40}^{10}\ \Phi_{32}^{10}\ \Phi_{20}^{11}\ \Phi_{16}^{10}\ \Phi_{10}^{11}\ \Phi_{8}^{10}\ \Phi_{5}^{11}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
117305	1617	600	$\frac{17}{200}$	$\frac{61}{600}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^2\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^2\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^3$ $\Phi_{25}^2\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
117306	1617	180	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{4}$	$\Phi_{180}^{14}\ \Phi_{90}^7\ \Phi_{60}^8\ \Phi_{45}^7\ \Phi_{36}^{14}\ \Phi_{30}\ \Phi_{20}^8\ \Phi_{18}^7\ \Phi_{15}^7\ \Phi_{12}^8\ \Phi_{10}\ \Phi_9^7\ \Phi_6$ $\Phi_5^7\ \Phi_4^7\ \Phi_3^7\ \Phi_1^7$
117307	1617	152	$\frac{3}{38}$	$\frac{1}{8}$	$\frac{5}{38}$	$\frac{1}{4}$	$\Phi_{152}^{12}\ \Phi_{76}^8\ \Phi_{38}^{10}\ \Phi_{19}^{10}\ \Phi_8^{15}\ \Phi_4^{10}\ \Phi_2^{12}\ \Phi_1^{13}$
117308	1617	540	$\frac{43}{540}$	$\frac{67}{540}$	$\frac{71}{540}$	$\frac{1}{4}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{54}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{27}^3$ $\Phi_{20}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
117309	1617	24	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{24}^{72}\ \Phi_{12}^{75}\ \Phi_8^{54}\ \Phi_6^{75}\ \Phi_4^{56}\ \Phi_3^{75}\ \Phi_2^{56}\ \Phi_1^{57}$
117310	1617	320	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{15}{64}$	$\Phi_{320}^8\ \Phi_{160}^8\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
117311	1617	64	$\frac{1}{16}$	$\frac{9}{64}$	$\frac{5}{32}$	$\frac{15}{64}$	$\Phi_{64}^{24}\ \Phi_{32}^{27}\ \Phi_{16}^{26}\ \Phi_8^{26}\ \Phi_4^{26}\ \Phi_2^{26}\ \Phi_1^{27}$
117312	1617	256	$\frac{25}{256}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{32}$	$\Phi_{256}^7\ \Phi_{128}^7\ \Phi_{64}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
117313	1617	640	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{101}{640}$	$\frac{27}{128}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2$ Φ_1^3
117314	1617	1056	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{176}^2\ \Phi_{96}\ \Phi_{66}^2\ \Phi_{48}\ \Phi_{33}^2\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}$ $\Phi_6\ \Phi_3\ \Phi_1$
117315	1617	475	$\frac{1}{19}$	$\frac{4}{25}$	$\frac{18}{95}$	$\frac{1}{5}$	$\Phi_{475}^4\ \Phi_{95}\ \Phi_{25}^5\ \Phi_5\ \Phi_1$
117316	1617	950	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{950}^2\ \Phi_{475}^2\ \Phi_{50}^2\ \Phi_{38}^2\ \Phi_{25}^3\ \Phi_{19}^2\ \Phi_2^2\ \Phi_1^3$
117317	1617	600	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{600}^4\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{100}^2\ \Phi_{75}^3\ \Phi_{50}^2\ \Phi_{25}^3\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3$ $\Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
117318	1617	120	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{60}$	$\Phi_{120}^{12}\ \Phi_{60}^{13}\ \Phi_{40}^{13}\ \Phi_{30}^{13}\ \Phi_{24}^{16}\ \Phi_{20}^{14}\ \Phi_{15}^{13}\ \Phi_{12}^{16}\ \Phi_{10}^{14}\ \Phi_8^{16}\ \Phi_6^{16}\ \Phi_5^{14}$ $\Phi_4^{16}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
117319	1617	1080	$\frac{5}{54}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{40}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}\ \Phi_{45}^2\ \Phi_{40}\ \Phi_{27}$ $\Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
117320	1617	40	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{40}$	$\Phi_{40}^{49}\ \Phi_{20}^{49}\ \Phi_{10}^{49}\ \Phi_8^6\ \Phi_5^{49}\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
117321	1618	1614	$\frac{2}{807}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{805}{1614}$	$\Phi_{1614}^2\ \Phi_{538}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117322	1618	1080	$\frac{1}{270}$	$\frac{271}{1080}$	$\frac{1}{3}$	$\frac{269}{540}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{40}^2$ $\Phi_{30}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117323	1618	1386	$\frac{1}{231}$	$\frac{116}{693}$	$\frac{577}{1386}$	$\frac{115}{231}$	$\Phi_{1386}^2\ \Phi_{462}^2\ \Phi_{231}\ \Phi_{198}^2\ \Phi_{154}^2\ \Phi_{126}^2\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{22}^2$ $\Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_7\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117324	1618	1611	$\frac{7}{1611}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{802}{1611}$	$\Phi_{1611}\ \Phi_{537}\ \Phi_{179}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
117325	1618	1610	$\frac{4}{805}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{801}{1610}$	$\Phi_{1610}^2\ \Phi_{322}^2\ \Phi_{230}^2\ \Phi_{70}^2\ \Phi_{46}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
117326	1618	4830	$\frac{4}{805}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{801}{1610}$	$\Phi_{4830}\ \Phi_{966}\ \Phi_{690}\ \Phi_{210}\ \Phi_{138}\ \Phi_{42}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
117327	1618	972	$\frac{1}{162}$	$\frac{163}{972}$	$\frac{1}{3}$	$\frac{161}{324}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117328	1618	1608	$\frac{5}{804}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{799}{1608}$	$\Phi_{1608}^2\ \Phi_{536}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117329	1618	1470	$\frac{1}{147}$	$\frac{74}{735}$	$\frac{661}{1470}$	$\frac{73}{147}$	$\Phi_{1470}^2\ \Phi_{490}^2\ \Phi_{294}^2\ \Phi_{210}^2\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{49}\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}$ $\Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117330	1618	1606	$\frac{6}{803}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{797}{1606}$	$\Phi_{1606}^2\ \Phi_{146}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
117331	1618	1605	$\frac{13}{1605}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{796}{1605}$	$\Phi_{1605}\ \Phi_{535}\ \Phi_{321}\ \Phi_{107}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
117332	1618	1602	$\frac{8}{801}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{793}{1602}$	$\Phi_{1602}^2\ \Phi_{534}^2\ \Phi_{178}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117333	1618	900	$\frac{1}{90}$	$\frac{91}{900}$	$\frac{1}{3}$	$\frac{89}{180}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{30}^2$ $\Phi_{25}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117334	1618	4800	$\frac{9}{800}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{791}{1600}$	$\Phi_{4800}\ \Phi_{960}\ \Phi_{192}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
117335	1618	1540	$\frac{1}{77}$	$\frac{39}{770}$	$\frac{731}{1540}$	$\frac{38}{77}$	$\Phi_{1540}^2\ \Phi_{308}^2\ \Phi_{220}^2\ \Phi_{140}^2\ \Phi_{77}\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
117336	1618	1155	$\frac{1}{77}$	$\frac{39}{385}$	$\frac{346}{1155}$	$\frac{38}{77}$	$\Phi_{1155}^2\ \Phi_{231}^2\ \Phi_{165}^2\ \Phi_{105}^2\ \Phi_{77}\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
117337	1618	924	$\frac{1}{77}$	$\frac{115}{924}$	$\frac{39}{154}$	$\frac{38}{77}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{28}^2$ $\Phi_{21}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
117338	1618	1596	$\frac{11}{798}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{787}{1596}$	$\Phi_{1596}^2\ \Phi_{532}^2\ \Phi_{228}^2\ \Phi_{84}^2\ \Phi_{76}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
117339	1618	1596	$\frac{11}{798}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{787}{1596}$	$\Phi_{1596}^2\ \Phi_{532}^2\ \Phi_{228}^2\ \Phi_{84}^2\ \Phi_{76}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
117340	1618	1593	$\frac{25}{1593}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{784}{1593}$	$\Phi_{1593}\ \Phi_{531}\ \Phi_{177}\ \Phi_{59}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
117341	1618	1590	$\frac{14}{795}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{781}{1590}$	$\Phi_{1590}^2\ \Phi_{530}^2\ \Phi_{318}^2\ \Phi_{106}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117342	1618	864	$\frac{1}{54}$	$\frac{55}{864}$	$\frac{1}{3}$	$\frac{53}{108}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117343	1618	1568	$\frac{1}{49}$	$\frac{25}{784}$	$\frac{759}{1568}$	$\frac{24}{49}$	$\Phi_{1568}^2\ \Phi_{224}^2\ \Phi_{49}\ \Phi_{32}^2\ \Phi_7\ \Phi_1^2$
117344	1618	1176	$\frac{1}{49}$	$\frac{25}{392}$	$\frac{367}{1176}$	$\frac{24}{49}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{294}^2\ \Phi_{168}^2\ \Phi_{147}^2\ \Phi_{84}^2\ \Phi_{49}\ \Phi_{42}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
117345	1618	882	$\frac{1}{49}$	$\frac{73}{882}$	$\frac{25}{98}$	$\frac{24}{49}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{294}^2\ \Phi_{147}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{49}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
117346	1618	980	$\frac{1}{49}$	$\frac{25}{196}$	$\frac{171}{980}$	$\frac{24}{49}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{245}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{49}\ \Phi_{35}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
117347	1618	1584	$\frac{17}{792}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{775}{1584}$	$\Phi_{1584}^2\ \Phi_{528}^2\ \Phi_{176}^2\ \Phi_{144}^2\ \Phi_{48}^2\ \Phi_{33}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
117348	1618	1584	$\frac{17}{792}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{775}{1584}$	$\Phi_{1584}^2\ \Phi_{528}^2\ \Phi_{176}^2\ \Phi_{144}^2\ \Phi_{48}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117349	1618	1584	$\frac{17}{792}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{775}{1584}$	$\Phi_{1584}^2\ \Phi_{528}^2\ \Phi_{176}^2\ \Phi_{144}^2\ \Phi_{48}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
117350	1618	1575	$\frac{43}{1575}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{766}{1575}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
117351	1618	1575	$\frac{43}{1575}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{766}{1575}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
117352	1618	1188	$\frac{1}{33}$	$\frac{17}{396}$	$\frac{379}{1188}$	$\frac{16}{33}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{297}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
117353	1618	858	$\frac{1}{33}$	$\frac{49}{858}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{33}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
117354	1618	1056	$\frac{1}{33}$	$\frac{17}{264}$	$\frac{247}{1056}$	$\frac{16}{33}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{176}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{33}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
117355	1618	990	$\frac{1}{33}$	$\frac{17}{198}$	$\frac{181}{990}$	$\frac{16}{33}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{90}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
117356	1618	891	$\frac{1}{33}$	$\frac{82}{891}$	$\frac{17}{99}$	$\frac{16}{33}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{81}^2\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
117357	1618	924	$\frac{1}{33}$	$\frac{115}{924}$	$\frac{17}{132}$	$\frac{16}{33}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
117358	1618	1568	$\frac{25}{784}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{759}{1568}$	$\Phi_{1568}^2\ \Phi_{224}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
117359	1618	1566	$\frac{26}{783}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{757}{1566}$	$\Phi_{1566}^2\ \Phi_{522}^2\ \Phi_{174}^2\ \Phi_{58}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117360	1618	840	$\frac{1}{30}$	$\frac{31}{840}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117361	1618	1092	$\frac{10}{273}$	$\frac{1}{21}$	$\frac{283}{1092}$	$\frac{263}{546}$	$\Phi_{1092}^2\ \Phi_{364}^2\ \Phi_{273}^2\ \Phi_{156}^2\ \Phi_{91}^2\ \Phi_{84}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
117362	1618	1560	$\frac{1}{30}$	$\frac{29}{780}$	$\frac{1}{3}$	$\frac{751}{1560}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}^2\ \Phi_{120}^2\ \Phi_{104}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117363	1618	1197	$\frac{11}{399}$	$\frac{1}{21}$	$\frac{388}{1197}$	$\frac{10}{21}$	$\Phi_{1197}^2\ \Phi_{171}^2\ \Phi_{63}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
117364	1618	840	$\frac{31}{840}$	$\frac{1}{21}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
117365	1618	1539	$\frac{2}{81}$	$\frac{79}{1539}$	$\frac{1}{3}$	$\frac{730}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}^2\ \Phi_{57}\ \Phi_{27}^2\ \Phi_{19}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
117366	1618	828	$\frac{19}{828}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}^2\ \Phi_{207}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117367	1618	1530	$\frac{1}{45}$	$\frac{44}{765}$	$\frac{1}{3}$	$\frac{721}{1530}$	$\Phi_{1530}^2\ \Phi_{510}^2\ \Phi_{306}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117368	1618	1512	$\frac{1}{54}$	$\frac{53}{756}$	$\frac{1}{3}$	$\frac{703}{1512}$	$\Phi_{1512}^2\ \Phi_{504}^2\ \Phi_{216}^2\ \Phi_{168}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
117369	1618	1512	$\frac{1}{21}$	$\frac{53}{756}$	$\frac{10}{63}$	$\frac{703}{1512}$	$\Phi_{1512}^2\ \Phi_{504}^2\ \Phi_{216}^2\ \Phi_{168}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_8^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
117370	1618	1485	$\frac{2}{135}$	$\frac{133}{1485}$	$\frac{1}{3}$	$\frac{676}{1485}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}^2\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
117371	1618	1485	$\frac{1}{33}$	$\frac{133}{1485}$	$\frac{32}{165}$	$\frac{676}{1485}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}^2\ \Phi_{135}\ \Phi_{99}\ \Phi_{55}^2\ \Phi_{45}\ \Phi_{33}\ \Phi_{27}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
117372	1618	990	$\frac{1}{33}$	$\frac{16}{165}$	$\frac{181}{990}$	$\frac{149}{330}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
117373	1618	2460	$\frac{11}{820}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{615}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
117374	1618	840	$\frac{31}{840}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
117375	1618	1458	$\frac{1}{81}$	$\frac{80}{729}$	$\frac{1}{3}$	$\frac{649}{1458}$	$\Phi_{1458}^2\ \Phi_{486}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117376	1618	1440	$\frac{1}{90}$	$\frac{89}{720}$	$\frac{1}{3}$	$\frac{631}{1440}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117377	1618	1421	$\frac{6}{203}$	$\frac{197}{1421}$	$\frac{1}{7}$	$\frac{612}{1421}$	$\Phi_{1421}\ \Phi_{203}^2\ \Phi_{49}\ \Phi_{29}^2\ \Phi_7\ \Phi_1^2$
117378	1618	966	$\frac{4}{161}$	$\frac{1}{7}$	$\frac{157}{966}$	$\frac{3}{7}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{322}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
117379	1618	840	$\frac{31}{840}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
117380	1618	882	$\frac{1}{21}$	$\frac{73}{882}$	$\frac{10}{63}$	$\frac{53}{126}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{294}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{63}^2\ \Phi_{49}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
117381	1618	816	$\frac{7}{816}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{48}^2\ \Phi_{34}^2\ \Phi_{24}^2\ \Phi_{17}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117382	1618	1365	$\frac{1}{21}$	$\frac{20}{273}$	$\frac{253}{1365}$	$\frac{556}{1365}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}^2\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}^2\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{13}^2\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
117383	1618	1350	$\frac{1}{135}$	$\frac{134}{675}$	$\frac{1}{3}$	$\frac{541}{1350}$	$\Phi_{1350}^2\ \Phi_{450}^2\ \Phi_{270}^2\ \Phi_{150}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117384	1618	1323	$\frac{1}{147}$	$\frac{295}{1323}$	$\frac{146}{441}$	$\frac{514}{1323}$	$\Phi_{1323}\ \Phi_{441}^2\ \Phi_{189}\ \Phi_{147}\ \Phi_{63}^2\ \Phi_{49}\ \Phi_{27}\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
117385	1618	1320	$\frac{1}{33}$	$\frac{16}{165}$	$\frac{149}{660}$	$\frac{511}{1320}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{165}^2\ \Phi_{120}^2\ \Phi_{88}^2\ \Phi_{55}^2\ \Phi_{40}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
117386	1618	836	$\frac{27}{836}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{836}^2\ \Phi_{418}^2\ \Phi_{209}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{22}^2\ \Phi_{19}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
117387	1618	1176	$\frac{1}{147}$	$\frac{73}{294}$	$\frac{367}{1176}$	$\frac{221}{588}$	$\Phi_{1176}^2\ \Phi_{392}^2\ \Phi_{294}^2\ \Phi_{168}^2\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{56}^2\ \Phi_{49}\ \Phi_{42}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117388	1618	1296	$\frac{1}{162}$	$\frac{161}{648}$	$\frac{1}{3}$	$\frac{487}{1296}$	$\Phi_{1296}^2\ \Phi_{432}^2\ \Phi_{162}^2\ \Phi_{144}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117389	1618	1221	$\frac{10}{407}$	$\frac{1}{11}$	$\frac{397}{1221}$	$\frac{412}{1221}$	$\Phi_{1221}\ \Phi_{407}^2\ \Phi_{111}\ \Phi_{37}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
117390	1618	1218	$\frac{3}{203}$	$\frac{1}{7}$	$\frac{200}{609}$	$\frac{409}{1218}$	$\Phi_{1218}^2\ \Phi_{406}^2\ \Phi_{203}^2\ \Phi_{174}^2\ \Phi_{58}^2\ \Phi_{42}^2\ \Phi_{29}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
117391	1618	1215	$\frac{2}{405}$	$\frac{403}{1215}$	$\frac{1}{3}$	$\frac{406}{1215}$	$\Phi_{1215}\ \Phi_{405}^2\ \Phi_{243}\ \Phi_{135}^2\ \Phi_{81}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
117392	1618	972	$\frac{1}{81}$	$\frac{163}{972}$	$\frac{80}{243}$	$\frac{1}{3}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117393	1618	1206	$\frac{5}{402}$	$\frac{1}{6}$	$\frac{397}{1206}$	$\frac{1}{3}$	$\Phi_{1206}^2\ \Phi_{603}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117394	1618	1200	$\frac{9}{400}$	$\frac{1}{10}$	$\frac{391}{1200}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}^2\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}^2\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117395	1618	1188	$\frac{17}{396}$	$\frac{1}{18}$	$\frac{379}{1188}$	$\frac{1}{3}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{297}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117396	1618	1170	$\frac{1}{30}$	$\frac{29}{390}$	$\frac{361}{1170}$	$\frac{1}{3}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117397	1618	1134	$\frac{1}{54}$	$\frac{53}{378}$	$\frac{325}{1134}$	$\frac{1}{3}$	$\Phi_{1134}^2\ \Phi_{567}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
117398	1618	1080	$\frac{1}{90}$	$\frac{89}{360}$	$\frac{271}{1080}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117399	1618	864	$\frac{1}{18}$	$\frac{55}{864}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117400	1618	840	$\frac{31}{840}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117401	1618	2760	$\frac{4}{115}$	$\frac{111}{920}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
117402	1618	840	$\frac{31}{840}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117403	1618	900	$\frac{2}{45}$	$\frac{91}{900}$	$\frac{43}{225}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117404	1618	3000	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{191}{1000}$	$\frac{1}{3}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{375}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
117405	1618	990	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{181}{990}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{90}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117406	1618	2550	$\frac{41}{850}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{2550}\ \Phi_{1275}\ \Phi_{510}\ \Phi_{255}\ \Phi_{102}\ \Phi_{51}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
117407	1618	960	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{151}{960}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}\ \Phi_{320}^2\ \Phi_{240}\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117408	1618	945	$\frac{2}{45}$	$\frac{43}{315}$	$\frac{136}{945}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
117409	1618	2640	$\frac{71}{880}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
117410	1618	900	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{900}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117411	1618	1188	$\frac{17}{396}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{379}{1188}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{297}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
117412	1618	945	$\frac{1}{21}$	$\frac{43}{315}$	$\frac{136}{945}$	$\frac{20}{63}$	$\Phi_{945}^2\ \Phi_{315}\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
117413	1618	1176	$\frac{25}{392}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{367}{1176}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{294}^2\ \Phi_{168}^2\ \Phi_{147}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
117414	1618	1134	$\frac{1}{21}$	$\frac{53}{378}$	$\frac{10}{63}$	$\frac{325}{1134}$	$\Phi_{1134}^2\ \Phi_{567}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{63}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
117415	1618	945	$\frac{1}{21}$	$\frac{136}{945}$	$\frac{10}{63}$	$\frac{53}{189}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
117416	1618	990	$\frac{1}{33}$	$\frac{181}{990}$	$\frac{32}{165}$	$\frac{133}{495}$	$\Phi_{990}^2\ \Phi_{495}\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{45}\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
117417	1618	840	$\frac{31}{840}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
117418	1618	858	$\frac{49}{858}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{13}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
117419	1618	1064	$\frac{11}{266}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{255}{1064}$	$\Phi_{1064}^2\ \Phi_{532}^2\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
117420	1618	1056	$\frac{17}{264}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{247}{1056}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{176}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
117421	1618	880	$\frac{71}{880}$	$\frac{1}{11}$	$\frac{17}{88}$	$\frac{5}{22}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{176}^2\ \Phi_{110}^2\ \Phi_{80}^2\ \Phi_{55}^2\ \Phi_{40}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
117422	1618	990	$\frac{17}{198}$	$\frac{1}{11}$	$\frac{181}{990}$	$\frac{5}{22}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{90}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
117423	1618	924	$\frac{1}{11}$	$\frac{115}{924}$	$\frac{17}{132}$	$\frac{5}{22}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_2^2\ \Phi_1^2$
117424	1618	896	$\frac{87}{896}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{112}$	$\Phi_{896}^2\ \Phi_{448}^2\ \Phi_{224}^2\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
117425	1618	1008	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{199}{1008}$	$\frac{53}{252}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
117426	1618	980	$\frac{3}{28}$	$\frac{25}{196}$	$\frac{1}{7}$	$\frac{171}{980}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{245}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
117427	1620	2424	$\frac{1}{404}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{403}{808}$	$\Phi_{2424}\ \Phi_{808}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
117428	1620	2584	$\frac{1}{323}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{161}{323}$	$\Phi_{2584}\ \Phi_{323}\ \Phi_{152}\ \Phi_{136}\ \Phi_{19}\ \Phi_{17}\ \Phi_8^2\ \Phi_1^2$
117429	1620	1345	$\frac{1}{269}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{134}{269}$	$\Phi_{1345}\ \Phi_{269}^2\ \Phi_5^2\ \Phi_1^4$
117430	1620	3228	$\frac{1}{269}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{134}{269}$	$\Phi_{3228}\ \Phi_{1614}\ \Phi_{12}^2\ \Phi_6^2$
117431	1620	1619	$\frac{7}{1619}$	$\frac{271}{1619}$	$\frac{674}{1619}$	$\frac{806}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117432	1620	2164	$\frac{3}{541}$	$\frac{1}{4}$	$\frac{136}{541}$	$\frac{269}{541}$	$\Phi_{2164}\ \Phi_{1082}$
117433	1620	1619	$\frac{9}{1619}$	$\frac{404}{1619}$	$\frac{407}{1619}$	$\frac{805}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117434	1620	2864	$\frac{1}{179}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{89}{179}$	$\Phi_{2864}\ \Phi_{179}\ \Phi_{16}^2\ \Phi_1^2$
117435	1620	716	$\frac{1}{179}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{89}{179}$	$\Phi_{716}^2\ \Phi_{358}^2\ \Phi_{179}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
117436	1620	2433	$\frac{5}{811}$	$\frac{136}{811}$	$\frac{1}{3}$	$\frac{403}{811}$	Φ_{2433}
117437	1620	1449	$\frac{1}{161}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{80}{161}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{161}^2\ \Phi_{69}\ \Phi_{63}\ \Phi_{23}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
117438	1620	966	$\frac{1}{161}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{80}{161}$	$\Phi_{966}^2\ \Phi_{483}\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{138}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{42}^2\ \Phi_{23}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
117439	1620	1619	$\frac{11}{1619}$	$\frac{163}{1619}$	$\frac{728}{1619}$	$\frac{804}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117440	1620	2948	$\frac{1}{134}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{133}{268}$	$\Phi_{2948}\ \Phi_{268}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
117441	1620	5628	$\frac{1}{134}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{133}{268}$	$\Phi_{5628}\ \Phi_{84}\ \Phi_{21}$
117442	1620	2948	$\frac{1}{134}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{133}{268}$	$\Phi_{2948}\ \Phi_{268}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
117443	1620	1340	$\frac{1}{134}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{133}{268}$	$\Phi_{1340}\ \Phi_{670}^2\ \Phi_{335}^2\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
117444	1620	1619	$\frac{13}{1619}$	$\frac{272}{1619}$	$\frac{449}{1619}$	$\frac{803}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117445	1620	1950	$\frac{3}{325}$	$\frac{1}{6}$	$\frac{82}{325}$	$\frac{161}{325}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{390}\ \Phi_{195}\ \Phi_{150}\ \Phi_{130}\ \Phi_{78}\ \Phi_{75}\ \Phi_{50}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{10}$
117446	1620	2164	$\frac{5}{541}$	$\frac{91}{541}$	$\frac{1}{4}$	$\frac{268}{541}$	$\Phi_{2164}\ \Phi_{1082}$
117447	1620	2996	$\frac{1}{107}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{53}{107}$	$\Phi_{2996}\ \Phi_{428}\ \Phi_{107}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
117448	1620	749	$\frac{1}{107}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{53}{107}$	$\Phi_{749}^2\ \Phi_{107}^3\ \Phi_7^4\ \Phi_1^6$
117449	1620	1284	$\frac{1}{107}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{53}{107}$	$\Phi_{1284}^2\ \Phi_{642}\ \Phi_{428}\ \Phi_{321}\ \Phi_{107}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
117450	1620	1619	$\frac{17}{1619}$	$\frac{242}{1619}$	$\frac{409}{1619}$	$\frac{801}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117451	1620	2433	$\frac{9}{811}$	$\frac{82}{811}$	$\frac{1}{3}$	$\frac{401}{811}$	Φ_{2433}
117452	1620	1513	$\frac{1}{89}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{44}{89}$	$\Phi_{1513}\ \Phi_{89}^2\ \Phi_{17}^2\ \Phi_1^4$
117453	1620	2670	$\frac{1}{89}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{44}{89}$	$\Phi_{2670}\ \Phi_{1335}\ \Phi_{534}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
117454	1620	1513	$\frac{1}{89}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{44}{89}$	$\Phi_{1513}\ \Phi_{89}^2\ \Phi_{17}^2\ \Phi_1^4$
117455	1620	2492	$\frac{1}{89}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{44}{89}$	$\Phi_{2492}\ \Phi_{1246}\ \Phi_{28}^2\ \Phi_{14}^2$
117456	1620	1619	$\frac{19}{1619}$	$\frac{91}{1619}$	$\frac{764}{1619}$	$\frac{800}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117457	1620	3040	$\frac{1}{80}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{79}{160}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{160}^2\ \Phi_{32}^2\ \Phi_{19}\ \Phi_1^2$
117458	1620	5280	$\frac{1}{80}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{79}{160}$	$\Phi_{5280}\ \Phi_{1056}\ \Phi_{33}$
117459	1620	3040	$\frac{1}{80}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{79}{160}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{160}^2\ \Phi_{32}^2\ \Phi_{19}\ \Phi_1^2$
117460	1620	480	$\frac{1}{80}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{79}{160}$	$\Phi_{480}^8\ \Phi_{160}^4\ \Phi_{96}^8\ \Phi_{32}^4\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
117461	1620	1619	$\frac{21}{1619}$	$\frac{164}{1619}$	$\frac{485}{1619}$	$\frac{799}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117462	1620	1330	$\frac{2}{133}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{131}{266}$	$\Phi_{1330}^3\ \Phi_{190}^3\ \Phi_{70}^3\ \Phi_{35}\ \Phi_{10}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
117463	1620	390	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{11}{65}$	$\frac{32}{65}$	$\Phi_{390}^5\ \Phi_{195}^5\ \Phi_{130}^5\ \Phi_{78}^5\ \Phi_{39}^5\ \Phi_{30}^5\ \Phi_{26}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
117464	1620	1619	$\frac{25}{1619}$	$\frac{137}{1619}$	$\frac{494}{1619}$	$\frac{797}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117465	1620	1619	$\frac{25}{1619}$	$\frac{269}{1619}$	$\frac{274}{1619}$	$\frac{797}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117466	1620	1810	$\frac{3}{181}$	$\frac{1}{10}$	$\frac{46}{181}$	$\frac{89}{181}$	$\Phi_{1810}\ \Phi_{905}\ \Phi_{362}$
117467	1620	2164	$\frac{9}{541}$	$\frac{55}{541}$	$\frac{1}{4}$	$\frac{266}{541}$	$\Phi_{2164}\ \Phi_{1082}$
117468	1620	3068	$\frac{1}{59}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{29}{59}$	$\Phi_{3068}\ \Phi_{236}\ \Phi_{59}\ \Phi_{52}^2\ \Phi_4^2\ \Phi_1^2$
117469	1620	767	$\frac{1}{59}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{29}{59}$	$\Phi_{767}^2\ \Phi_{59}^3\ \Phi_{13}^4\ \Phi_1^6$
117470	1620	1180	$\frac{1}{59}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{29}{59}$	$\Phi_{1180}^2\ \Phi_{590}\ \Phi_{295}\ \Phi_{236}\ \Phi_{59}\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
117471	1620	2320	$\frac{1}{58}$	$\frac{59}{464}$	$\frac{1}{5}$	$\frac{57}{116}$	$\Phi_{2320}\ \Phi_{1160}\ \Phi_{290}\ \Phi_{145}\ \Phi_{80}\ \Phi_{40}\ \Phi_{10}$
117472	1620	1897	$\frac{5}{271}$	$\frac{1}{7}$	$\frac{46}{271}$	$\frac{133}{271}$	Φ_{1897}
117473	1620	1537	$\frac{1}{53}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{26}{53}$	$\Phi_{1537}\ \Phi_{53}^2\ \Phi_{29}^2\ \Phi_1^4$
117474	1620	2544	$\frac{1}{53}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{2544}\ \Phi_{1272}\ \Phi_{636}\ \Phi_{318}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
117475	1620	1537	$\frac{1}{53}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{26}{53}$	$\Phi_{1537}\ \Phi_{53}^2\ \Phi_{29}^2\ \Phi_1^4$
117476	1620	2332	$\frac{1}{53}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{26}{53}$	$\Phi_{2332}\ \Phi_{1166}\ \Phi_{44}^2\ \Phi_{22}^2$
117477	1620	1537	$\frac{1}{53}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{26}{53}$	$\Phi_{1537}\ \Phi_{53}^2\ \Phi_{29}^2\ \Phi_1^4$
117478	1620	2226	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{26}{53}$	$\Phi_{2226}\ \Phi_{1113}\ \Phi_{742}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
117479	1620	1619	$\frac{31}{1619}$	$\frac{55}{1619}$	$\frac{782}{1619}$	$\frac{794}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117480	1620	1619	$\frac{31}{1619}$	$\frac{224}{1619}$	$\frac{275}{1619}$	$\frac{794}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117481	1620	2164	$\frac{11}{541}$	$\frac{46}{541}$	$\frac{1}{4}$	$\frac{265}{541}$	$\Phi_{2164}\ \Phi_{1082}$
117482	1620	1619	$\frac{33}{1619}$	$\frac{134}{1619}$	$\frac{413}{1619}$	$\frac{793}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117483	1620	2433	$\frac{17}{811}$	$\frac{46}{811}$	$\frac{1}{3}$	$\frac{397}{811}$	Φ_{2433}
117484	1620	3080	$\frac{1}{44}$	$\frac{1}{35}$	$\frac{17}{35}$	$\frac{43}{88}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{88}^2\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
117485	1620	5016	$\frac{1}{44}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{5016}\ \Phi_{456}\ \Phi_{57}$
117486	1620	3080	$\frac{1}{44}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{43}{88}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{88}^2\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
117487	1620	1144	$\frac{1}{44}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{43}{88}$	$\Phi_{1144}^3\ \Phi_{104}^3\ \Phi_{52}\ \Phi_{26}$
117488	1620	3080	$\frac{1}{44}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{43}{88}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{88}^2\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
117489	1620	440	$\frac{1}{44}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{43}{88}$	$\Phi_{440}^7\ \Phi_{88}^8\ \Phi_{40}^7\ \Phi_{10}^4\ \Phi_8^8\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
117490	1620	616	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{43}{88}$	$\Phi_{616}^5\ \Phi_{88}^6\ \Phi_{56}^5\ \Phi_8^6\ \Phi_7^5\ \Phi_1^6$
117491	1620	1619	$\frac{37}{1619}$	$\frac{92}{1619}$	$\frac{509}{1619}$	$\frac{791}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117492	1620	1619	$\frac{41}{1619}$	$\frac{83}{1619}$	$\frac{512}{1619}$	$\frac{789}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117493	1620	1744	$\frac{3}{109}$	$\frac{1}{16}$	$\frac{28}{109}$	$\frac{53}{109}$	$\Phi_{1744}\ \Phi_{872}\ \Phi_{436}\ \Phi_{218}$
117494	1620	1810	$\frac{5}{181}$	$\frac{1}{10}$	$\frac{31}{181}$	$\frac{88}{181}$	$\Phi_{1810}\ \Phi_{905}\ \Phi_{362}$
117495	1620	770	$\frac{1}{35}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{17}{35}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}^2\ \Phi_{70}^2\ \Phi_{55}^2\ \Phi_{35}^3\ \Phi_{22}^4\ \Phi_{14}^2\ \Phi_{11}^4\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^3\ \Phi_2^4\ \Phi_1^6$
117496	1620	560	$\frac{1}{35}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^2\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{16}^6\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^6\ \Phi_7^3\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
117497	1620	385	$\frac{1}{35}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{17}{35}$	$\Phi_{385}^4\ \Phi_{77}^4\ \Phi_{55}^4\ \Phi_{35}^5\ \Phi_{11}^8\ \Phi_7^5\ \Phi_5^5\ \Phi_1^{10}$
117498	1620	210	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{17}{35}$	$\Phi_{210}^9\ \Phi_{105}^9\ \Phi_{70}^4\ \Phi_{42}^9\ \Phi_{35}^5\ \Phi_{30}^{11}\ \Phi_{21}^9\ \Phi_{15}^{11}\ \Phi_{14}^4\ \Phi_{10}^5\ \Phi_7^5\ \Phi_6^{10}\ \Phi_5^6\ \Phi_3^{10}\ \Phi_2^4\ \Phi_1^6$
117499	1620	1619	$\frac{49}{1619}$	$\frac{139}{1619}$	$\frac{296}{1619}$	$\frac{785}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117500	1620	1619	$\frac{49}{1619}$	$\frac{149}{1619}$	$\frac{278}{1619}$	$\frac{785}{1619}$	$\Phi_{1619}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
117501	1620	1793	$\frac{5}{163}$	$\frac{1}{11}$	$\frac{28}{163}$	$\frac{79}{163}$	Φ_{1793}
117502	1620	2164	$\frac{17}{541}$	$\frac{31}{541}$	$\frac{1}{4}$	$\frac{262}{541}$	$\Phi_{2164}\ \Phi_{1082}$
117503	1620	1619	$\frac{51}{1619}$	$\frac{167}{1619}$	$\frac{242}{1619}$	$\frac{784}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117504	1620	3920	$\frac{13}{392}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{379}{784}$	$\Phi_{3920}\ \Phi_{560}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
117505	1620	1897	$\frac{9}{271}$	$\frac{28}{271}$	$\frac{1}{7}$	$\frac{131}{271}$	Φ_{1897}
117506	1620	1950	$\frac{11}{325}$	$\frac{28}{325}$	$\frac{1}{6}$	$\frac{157}{325}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{390}\ \Phi_{195}\ \Phi_{150}\ \Phi_{130}\ \Phi_{78}\ \Phi_{75}\ \Phi_{50}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{10}$
117507	1620	1619	$\frac{55}{1619}$	$\frac{134}{1619}$	$\frac{279}{1619}$	$\frac{782}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117508	1620	2436	$\frac{1}{29}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{609}\ \Phi_{348}\ \Phi_{174}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
117509	1620	1537	$\frac{1}{29}$	$\frac{2}{53}$	$\frac{17}{53}$	$\frac{14}{29}$	$\Phi_{1537}\ \Phi_{53}^{2}\ \Phi_{29}^{2}\ \Phi_{1}^{4}$
117510	1620	2204	$\frac{1}{29}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{2204}\ \Phi_{1102}\ \Phi_{76}^{2}\ \Phi_{38}^{2}$
117511	1620	1537	$\frac{1}{29}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{14}{29}$	$\Phi_{1537}\ \Phi_{53}^{2}\ \Phi_{29}^{2}\ \Phi_{1}^{4}$
117512	1620	2030	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{14}{29}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{406}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{14}^{2}$
117513	1620	2164	$\frac{19}{541}$	$\frac{28}{541}$	$\frac{1}{4}$	$\frac{261}{541}$	$\Phi_{2164}\ \Phi_{1082}$
117514	1620	1619	$\frac{57}{1619}$	$\frac{80}{1619}$	$\frac{419}{1619}$	$\frac{781}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117515	1620	2433	$\frac{28}{811}$	$\frac{29}{811}$	$\frac{1}{3}$	$\frac{391}{811}$	Φ_{2433}
117516	1620	1619	$\frac{56}{1619}$	$\frac{61}{1619}$	$\frac{521}{1619}$	$\frac{779}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117517	1620	4836	$\frac{1}{31}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{4836}\ \Phi_{372}\ \Phi_{93}$
117518	1620	3068	$\frac{2}{59}$	$\frac{1}{26}$	$\frac{19}{59}$	$\frac{25}{52}$	$\Phi_{3068}\ \Phi_{236}\ \Phi_{59}\ \Phi_{52}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
117519	1620	1092	$\frac{1}{26}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{1092}\ \Phi_{546}^{2}\ \Phi_{364}\ \Phi_{273}^{2}\ \Phi_{182}^{2}\ \Phi_{156}\ \Phi_{91}^{2}\ \Phi_{84}^{2}\ \Phi_{78}^{2}\ \Phi_{42}^{3}\ \Phi_{39}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
117520	1620	3068	$\frac{1}{26}$	$\frac{3}{59}$	$\frac{14}{59}$	$\frac{25}{52}$	$\Phi_{3068}\ \Phi_{236}\ \Phi_{59}\ \Phi_{52}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
117521	1620	1040	$\frac{1}{26}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{1040}^{2}\ \Phi_{520}^{2}\ \Phi_{260}\ \Phi_{130}^{2}\ \Phi_{80}^{3}\ \Phi_{65}^{2}\ \Phi_{40}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
117522	1620	3068	$\frac{1}{26}$	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{25}{52}$	$\Phi_{3068}\ \Phi_{236}\ \Phi_{59}\ \Phi_{52}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
117523	1620	156	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{25}{52}$	$\Phi_{156}^{24}\ \Phi_{78}\ \Phi_{52}^{12}\ \Phi_{39}\ \Phi_{26}\ \Phi_{12}^{24}\ \Phi_{4}^{12}$
117524	1620	3068	$\frac{1}{26}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{25}{52}$	$\Phi_{3068}\ \Phi_{236}\ \Phi_{59}\ \Phi_{52}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
117525	1620	4004	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{25}{52}$	$\Phi_{4004}\ \Phi_{308}\ \Phi_{77}$
117526	1620	1050	$\frac{1}{25}$	$\frac{13}{175}$	$\frac{1}{6}$	$\frac{12}{25}$	$\Phi_{1050}^{2}\ \Phi_{525}^{2}\ \Phi_{350}^{2}\ \Phi_{210}^{2}\ \Phi_{150}\ \Phi_{105}^{2}\ \Phi_{75}\ \Phi_{70}^{2}\ \Phi_{50}\ \Phi_{42}^{2}\ \Phi_{30}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{10}$
117527	1620	1619	$\frac{47}{1619}$	$\frac{73}{1619}$	$\frac{524}{1619}$	$\frac{773}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117528	1620	1619	$\frac{73}{1619}$	$\frac{94}{1619}$	$\frac{305}{1619}$	$\frac{773}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117529	1620	1744	$\frac{5}{109}$	$\frac{1}{16}$	$\frac{19}{109}$	$\frac{52}{109}$	$\Phi_{1744}\ \Phi_{872}\ \Phi_{436}\ \Phi_{218}$
117530	1620	1708	$\frac{1}{28}$	$\frac{3}{61}$	$\frac{16}{61}$	$\frac{29}{61}$	$\Phi_{1708}\ \Phi_{854}\ \Phi_{427}\ \Phi_{244}\ \Phi_{122}$
117531	1620	1810	$\frac{9}{181}$	$\frac{1}{10}$	$\frac{19}{181}$	$\frac{86}{181}$	$\Phi_{1810}\ \Phi_{905}\ \Phi_{362}$
117532	1620	1619	$\frac{81}{1619}$	$\frac{161}{1619}$	$\frac{170}{1619}$	$\frac{769}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117533	1620	1950	$\frac{17}{325}$	$\frac{19}{325}$	$\frac{1}{6}$	$\frac{154}{325}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{390}\ \Phi_{195}\ \Phi_{150}\ \Phi_{130}\ \Phi_{78}\ \Phi_{75}\ \Phi_{50}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{10}$
117534	1620	1619	$\frac{85}{1619}$	$\frac{89}{1619}$	$\frac{284}{1619}$	$\frac{767}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117535	1620	760	$\frac{1}{40}$	$\frac{1}{19}$	$\frac{13}{40}$	$\frac{9}{19}$	$\Phi_{760}^{2}\ \Phi_{380}^{2}\ \Phi_{190}^{2}\ \Phi_{152}^{2}\ \Phi_{95}^{2}\ \Phi_{76}^{2}\ \Phi_{40}^{4}\ \Phi_{38}^{2}\ \Phi_{20}^{4}\ \Phi_{19}^{3}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
117536	1620	532	$\frac{1}{28}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{532}^{3}\ \Phi_{266}^{3}\ \Phi_{133}^{3}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{28}^{6}\ \Phi_{19}^{3}\ \Phi_{14}^{6}\ \Phi_{7}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
117537	1620	1615	$\frac{4}{85}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{1615}\ \Phi_{323}\ \Phi_{85}^{2}\ \Phi_{19}\ \Phi_{17}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
117538	1620	1900	$\frac{1}{20}$	$\frac{1}{19}$	$\frac{19}{100}$	$\frac{9}{19}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{475}\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{19}\ \Phi_1^2$
117539	1620	608	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{9}{19}$	$\Phi_{608}^3\ \Phi_{304}^2\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{32}^6\ \Phi_{19}^3\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
117540	1620	1672	$\frac{1}{19}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{9}{19}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{418}\ \Phi_{209}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{19}\ \Phi_{11}^2\ \Phi_1^2$
117541	1620	190	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{19}$	$\Phi_{190}^8\ \Phi_{95}^8\ \Phi_{38}^8\ \Phi_{19}^9\ \Phi_{10}^{16}\ \Phi_5^{16}\ \Phi_2^{16}\ \Phi_1^{18}$
117542	1620	2164	$\frac{19}{541}$	$\frac{29}{541}$	$\frac{1}{4}$	$\frac{256}{541}$	$\Phi_{2164}\ \Phi_{1082}$
117543	1620	3328	$\frac{7}{128}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{121}{256}$	$\Phi_{3328}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
117544	1620	1729	$\frac{1}{19}$	$\frac{5}{91}$	$\frac{16}{91}$	$\frac{43}{91}$	$\Phi_{1729}\ \Phi_{247}\ \Phi_{133}$
117545	1620	1619	$\frac{91}{1619}$	$\frac{95}{1619}$	$\frac{254}{1619}$	$\frac{764}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117546	1620	2346	$\frac{1}{46}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{2346}\ \Phi_{1173}\ \Phi_{138}^2\ \Phi_{102}\ \Phi_{69}^2\ \Phi_6^2$
117547	1620	1513	$\frac{2}{89}$	$\frac{1}{17}$	$\frac{29}{89}$	$\frac{8}{17}$	$\Phi_{1513}\ \Phi_{89}^2\ \Phi_{17}^2\ \Phi_1^4$
117548	1620	2108	$\frac{1}{31}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{2108}\ \Phi_{1054}\ \Phi_{124}^2\ \Phi_{62}^2$
117549	1620	1513	$\frac{4}{89}$	$\frac{1}{17}$	$\frac{17}{89}$	$\frac{8}{17}$	$\Phi_{1513}\ \Phi_{89}^2\ \Phi_{17}^2\ \Phi_1^4$
117550	1620	1938	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{1938}\ \Phi_{969}\ \Phi_{646}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2$
117551	1620	1513	$\frac{5}{89}$	$\frac{1}{17}$	$\frac{14}{89}$	$\frac{8}{17}$	$\Phi_{1513}\ \Phi_{89}^2\ \Phi_{17}^2\ \Phi_1^4$
117552	1620	1904	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{8}{17}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2$
117553	1620	1513	$\frac{1}{17}$	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{8}{17}$	$\Phi_{1513}\ \Phi_{89}^2\ \Phi_{17}^2\ \Phi_1^4$
117554	1620	1870	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{8}{17}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{374}\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{22}^2$
117555	1620	1619	$\frac{97}{1619}$	$\frac{143}{1619}$	$\frac{164}{1619}$	$\frac{761}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117556	1620	1810	$\frac{11}{181}$	$\frac{16}{181}$	$\frac{1}{10}$	$\frac{85}{181}$	$\Phi_{1810}\ \Phi_{905}\ \Phi_{362}$
117557	1620	1897	$\frac{16}{271}$	$\frac{17}{271}$	$\frac{1}{7}$	$\frac{127}{271}$	Φ_{1897}
117558	1620	1619	$\frac{74}{1619}$	$\frac{103}{1619}$	$\frac{287}{1619}$	$\frac{758}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117559	1620	2164	$\frac{16}{541}$	$\frac{35}{541}$	$\frac{1}{4}$	$\frac{253}{541}$	$\Phi_{2164}\ \Phi_{1082}$
117560	1620	1619	$\frac{44}{1619}$	$\frac{105}{1619}$	$\frac{431}{1619}$	$\frac{757}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117561	1620	2433	$\frac{16}{811}$	$\frac{53}{811}$	$\frac{1}{3}$	$\frac{379}{811}$	Φ_{2433}
117562	1620	1619	$\frac{32}{1619}$	$\frac{109}{1619}$	$\frac{529}{1619}$	$\frac{755}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117563	1620	4620	$\frac{1}{55}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{4620}\ \Phi_{924}\ \Phi_{660}\ \Phi_{420}\ \Phi_{165}\ \Phi_{132}\ \Phi_{60}\ \Phi_{33}\ \Phi_{15}$
117564	1620	2996	$\frac{2}{107}$	$\frac{1}{14}$	$\frac{35}{107}$	$\frac{13}{28}$	$\Phi_{2996}\ \Phi_{428}\ \Phi_{107}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
117565	1620	1036	$\frac{1}{37}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{1036}\ \Phi_{518}^2\ \Phi_{259}^2\ \Phi_{148}^2\ \Phi_{74}^3\ \Phi_{37}^2$
117566	1620	2996	$\frac{3}{107}$	$\frac{1}{14}$	$\frac{26}{107}$	$\frac{13}{28}$	$\Phi_{2996}\ \Phi_{428}\ \Phi_{107}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
117567	1620	140	$\frac{1}{28}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{140}^{14}\ \Phi_{70}^{15}\ \Phi_{35}^{15}\ \Phi_{20}^{14}\ \Phi_{10}^{15}\ \Phi_5^{14}$
117568	1620	2996	$\frac{5}{107}$	$\frac{1}{14}$	$\frac{17}{107}$	$\frac{13}{28}$	$\Phi_{2996}\ \Phi_{428}\ \Phi_{107}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
117569	1620	532	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{532}^6\ \Phi_{133}\ \Phi_{76}^6$
117570	1620	2996	$\frac{1}{14}$	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{13}{28}$	$\Phi_{2996}\ \Phi_{428}\ \Phi_{107}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
117571	1620	1820	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{13}{28}$	$\Phi_{1820}^2\ \Phi_{364}\ \Phi_{260}^2\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
117572	1620	3770	$\frac{1}{29}$	$\frac{28}{377}$	$\frac{1}{5}$	$\frac{349}{754}$	$\Phi_{3770}\ \Phi_{290}\ \Phi_{145}\ \Phi_{130}\ \Phi_{10}$
117573	1620	1619	$\frac{29}{1619}$	$\frac{121}{1619}$	$\frac{530}{1619}$	$\frac{749}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117574	1620	1014	$\frac{7}{169}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{1014}^2\ \Phi_{507}^2\ \Phi_{338}^2\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
117575	1620	988	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{6}{13}$	$\Phi_{988}^2\ \Phi_{494}^2\ \Phi_{247}\ \Phi_{76}^2\ \Phi_{38}^2$
117576	1620	1550	$\frac{1}{31}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{1550}^2\ \Phi_{310}^2\ \Phi_{155}\ \Phi_{62}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
117577	1620	150	$\frac{1}{25}$	$\frac{2}{25}$	$\frac{1}{6}$	$\frac{23}{50}$	$\Phi_{150}^{13}\ \Phi_{75}^{13}\ \Phi_{50}\ \Phi_{30}^{13}\ \Phi_{25}^{12}\ \Phi_{15}^{13}\ \Phi_{10}\ \Phi_{6}^{12}\ \Phi_{5}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
117578	1620	1702	$\frac{1}{46}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{1702}\ \Phi_{851}\ \Phi_{74}$
117579	1620	1708	$\frac{1}{28}$	$\frac{5}{61}$	$\frac{11}{61}$	$\frac{28}{61}$	$\Phi_{1708}\ \Phi_{854}\ \Phi_{427}\ \Phi_{244}\ \Phi_{122}$
117580	1620	1619	$\frac{49}{1619}$	$\frac{145}{1619}$	$\frac{314}{1619}$	$\frac{737}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117581	1620	1619	$\frac{98}{1619}$	$\frac{145}{1619}$	$\frac{169}{1619}$	$\frac{737}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117582	1620	737	$\frac{1}{67}$	$\frac{1}{11}$	$\frac{22}{67}$	$\frac{5}{11}$	$\Phi_{737}^{2}\ \Phi_{67}^{4}\ \Phi_{11}^{3}\ \Phi_{1}^{6}$
117583	1620	1012	$\frac{1}{46}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{1012}^{2}\ \Phi_{506}\ \Phi_{253}\ \Phi_{92}^{4}\ \Phi_{46}^{2}\ \Phi_{44}\ \Phi_{23}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
117584	1620	737	$\frac{2}{67}$	$\frac{1}{11}$	$\frac{13}{67}$	$\frac{5}{11}$	$\Phi_{737}^{2}\ \Phi_{67}^{4}\ \Phi_{11}^{3}\ \Phi_{1}^{6}$
117585	1620	341	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{341}^{5}\ \Phi_{31}^{4}$
117586	1620	924	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}\ \Phi_{231}^{2}\ \Phi_{154}\ \Phi_{132}^{2}\ \Phi_{84}^{4}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}^{4}\ \Phi_{33}\ \Phi_{28}^{2}\ \Phi_{21}^{4}\ \Phi_{14}^{2}\ \Phi_{12}^{4}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
117587	1620	737	$\frac{4}{67}$	$\frac{1}{11}$	$\frac{7}{67}$	$\frac{5}{11}$	$\Phi_{737}^{2}\ \Phi_{67}^{4}\ \Phi_{11}^{3}\ \Phi_{1}^{6}$
117588	1620	880	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{11}$	$\Phi_{880}^{2}\ \Phi_{440}^{2}\ \Phi_{220}^{2}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}^{4}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
117589	1620	1619	$\frac{59}{1619}$	$\frac{151}{1619}$	$\frac{260}{1619}$	$\frac{734}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117590	1620	1810	$\frac{11}{181}$	$\frac{17}{181}$	$\frac{1}{10}$	$\frac{82}{181}$	$\Phi_{1810}\ \Phi_{905}\ \Phi_{362}$
117591	1620	1619	$\frac{49}{1619}$	$\frac{157}{1619}$	$\frac{296}{1619}$	$\frac{731}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117592	1620	2164	$\frac{11}{541}$	$\frac{53}{541}$	$\frac{1}{4}$	$\frac{244}{541}$	$\Phi_{2164}\ \Phi_{1082}$
117593	1620	1729	$\frac{1}{19}$	$\frac{9}{91}$	$\frac{10}{91}$	$\frac{41}{91}$	$\Phi_{1729}\ \Phi_{247}\ \Phi_{133}$
117594	1620	1619	$\frac{89}{1619}$	$\frac{161}{1619}$	$\frac{170}{1619}$	$\frac{729}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117595	1620	1619	$\frac{99}{1619}$	$\frac{152}{1619}$	$\frac{163}{1619}$	$\frac{728}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117596	1620	1744	$\frac{1}{16}$	$\frac{10}{109}$	$\frac{11}{109}$	$\frac{49}{109}$	$\Phi_{1744}\ \Phi_{872}\ \Phi_{436}\ \Phi_{218}$
117597	1620	1793	$\frac{10}{163}$	$\frac{1}{11}$	$\frac{17}{163}$	$\frac{73}{163}$	Φ_{1793}
117598	1620	1619	$\frac{98}{1619}$	$\frac{149}{1619}$	$\frac{169}{1619}$	$\frac{725}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117599	1620	1810	$\frac{10}{181}$	$\frac{1}{10}$	$\frac{19}{181}$	$\frac{81}{181}$	$\Phi_{1810}\ \Phi_{905}\ \Phi_{362}$
117600	1620	1619	$\frac{80}{1619}$	$\frac{171}{1619}$	$\frac{179}{1619}$	$\frac{724}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117601	1620	1897	$\frac{10}{271}$	$\frac{29}{271}$	$\frac{1}{7}$	$\frac{121}{271}$	Φ_{1897}
117602	1620	390	$\frac{2}{65}$	$\frac{7}{65}$	$\frac{1}{6}$	$\frac{29}{65}$	$\Phi_{390}^{5}\ \Phi_{195}^{5}\ \Phi_{130}^{5}\ \Phi_{78}^{5}\ \Phi_{39}^{5}\ \Phi_{30}^{5}\ \Phi_{26}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
117603	1620	1619	$\frac{44}{1619}$	$\frac{175}{1619}$	$\frac{299}{1619}$	$\frac{722}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117604	1620	2164	$\frac{10}{541}$	$\frac{59}{541}$	$\frac{1}{4}$	$\frac{241}{541}$	$\Phi_{2164}\ \Phi_{1082}$
117605	1620	1619	$\frac{26}{1619}$	$\frac{177}{1619}$	$\frac{449}{1619}$	$\frac{721}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117606	1620	2433	$\frac{10}{811}$	$\frac{89}{811}$	$\frac{1}{3}$	$\frac{361}{811}$	Φ_{2433}
117607	1620	738	$\frac{1}{82}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{738}^{2}\ \Phi_{369}^{2}\ \Phi_{246}^{3}\ \Phi_{123}^{3}\ \Phi_{82}^{2}\ \Phi_{41}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
117608	1620	1449	$\frac{2}{161}$	$\frac{1}{9}$	$\frac{53}{161}$	$\frac{4}{9}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{161}^{2}\ \Phi_{69}\ \Phi_{63}\ \Phi_{23}^{2}\ \Phi_{21}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
117609	1620	1980	$\frac{1}{55}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}^{2}\ \Phi_{198}\ \Phi_{180}\ \Phi_{132}\ \Phi_{110}^{2}\ \Phi_{90}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}^{2}\ \Phi_{30}\ \Phi_{22}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
117610	1620	1449	$\frac{5}{161}$	$\frac{1}{9}$	$\frac{26}{161}$	$\frac{4}{9}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{161}^{2}\ \Phi_{69}\ \Phi_{63}\ \Phi_{23}^{2}\ \Phi_{21}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
117611	1620	252	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{84}^{6}\ \Phi_{63}^{5}\ \Phi_{42}^{6}\ \Phi_{36}^{6}\ \Phi_{28}^{12}\ \Phi_{21}^{5}\ \Phi_{18}^{6}\ \Phi_{14}^{12}\ \Phi_{12}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{10}\ \Phi_{6}^{6}\ \Phi_{4}^{12}\ \Phi_{3}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
117612	1620	828	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{11}{92}$	$\frac{4}{9}$	$\Phi_{828}^{2}\ \Phi_{414}^{2}\ \Phi_{276}^{2}\ \Phi_{207}\ \Phi_{138}^{2}\ \Phi_{92}^{4}\ \Phi_{69}\ \Phi_{46}^{4}\ \Phi_{36}^{2}\ \Phi_{23}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
117613	1620	1449	$\frac{8}{161}$	$\frac{17}{161}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}\ \Phi_{161}^{2}\ \Phi_{69}\ \Phi_{63}\ \Phi_{23}^{2}\ \Phi_{21}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
117614	1620	1710	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{342}\ \Phi_{285}\ \Phi_{190}^2\ \Phi_{114}\ \Phi_{95}^2\ \Phi_{38}^2$
117615	1620	1619	$\frac{20}{1619}$	$\frac{181}{1619}$	$\frac{533}{1619}$	$\frac{719}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117616	1620	4368	$\frac{1}{91}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{4368}\ \Phi_{624}\ \Phi_{336}\ \Phi_{273}\ \Phi_{39}\ \Phi_{21}$
117617	1620	2864	$\frac{2}{179}$	$\frac{1}{8}$	$\frac{59}{179}$	$\frac{7}{16}$	$\Phi_{2864}\ \Phi_{179}\ \Phi_{16}^2\ \Phi_1^2$
117618	1620	976	$\frac{1}{61}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{976}^3\ \Phi_{244}\ \Phi_{122}$
117619	1620	2864	$\frac{3}{179}$	$\frac{1}{8}$	$\frac{44}{179}$	$\frac{7}{16}$	$\Phi_{2864}\ \Phi_{179}\ \Phi_{16}^2\ \Phi_1^2$
117620	1620	1840	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{1840}^2\ \Phi_{230}\ \Phi_{115}\ \Phi_{80}\ \Phi_{10}$
117621	1620	2864	$\frac{4}{179}$	$\frac{1}{8}$	$\frac{35}{179}$	$\frac{7}{16}$	$\Phi_{2864}\ \Phi_{179}\ \Phi_{16}^2\ \Phi_1^2$
117622	1620	1776	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{1776}^2\ \Phi_{592}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
117623	1620	2864	$\frac{5}{179}$	$\frac{1}{8}$	$\frac{29}{179}$	$\frac{7}{16}$	$\Phi_{2864}\ \Phi_{179}\ \Phi_{16}^2\ \Phi_1^2$
117624	1620	3472	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{3472}\ \Phi_{217}$
117625	1620	2864	$\frac{8}{179}$	$\frac{19}{179}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2864}\ \Phi_{179}\ \Phi_{16}^2\ \Phi_1^2$
117626	1620	1680	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}\ \Phi_{240}^2\ \Phi_{210}\ \Phi_{112}\ \Phi_{105}\ \Phi_{70}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{14}\ \Phi_6$
117627	1620	2864	$\frac{9}{179}$	$\frac{17}{179}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2864}\ \Phi_{179}\ \Phi_{16}^2\ \Phi_1^2$
117628	1620	3344	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3344}\ \Phi_{209}$
117629	1620	2864	$\frac{11}{179}$	$\frac{14}{179}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2864}\ \Phi_{179}\ \Phi_{16}^2\ \Phi_1^2$
117630	1620	208	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{208}^8\ \Phi_{104}^9\ \Phi_{52}^9\ \Phi_{26}^9\ \Phi_{13}^8$
117631	1620	1619	$\frac{17}{1619}$	$\frac{217}{1619}$	$\frac{534}{1619}$	$\frac{701}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117632	1620	1619	$\frac{34}{1619}$	$\frac{217}{1619}$	$\frac{317}{1619}$	$\frac{701}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117633	1620	3094	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{16}{119}$	$\frac{103}{238}$	$\Phi_{3094}\ \Phi_{442}\ \Phi_{221}\ \Phi_{182}\ \Phi_{26}$
117634	1620	1702	$\frac{1}{46}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{1702}\ \Phi_{851}\ \Phi_{74}$
117635	1620	574	$\frac{1}{82}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{574}^3\ \Phi_{287}^3\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{14}^3\ \Phi_2^2$
117636	1620	931	$\frac{1}{19}$	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{931}^2\ \Phi_{133}$
117637	1620	1708	$\frac{1}{28}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{26}{61}$	$\Phi_{1708}\ \Phi_{854}\ \Phi_{427}\ \Phi_{244}\ \Phi_{122}$
117638	1620	1619	$\frac{62}{1619}$	$\frac{173}{1619}$	$\frac{241}{1619}$	$\frac{689}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117639	1620	494	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{26}$	$\Phi_{494}^6\ \Phi_{247}\ \Phi_{38}^6$
117640	1620	1744	$\frac{1}{16}$	$\frac{7}{109}$	$\frac{17}{109}$	$\frac{46}{109}$	$\Phi_{1744}\ \Phi_{872}\ \Phi_{436}\ \Phi_{218}$
117641	1620	1619	$\frac{101}{1619}$	$\frac{104}{1619}$	$\frac{253}{1619}$	$\frac{683}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117642	1620	1810	$\frac{7}{181}$	$\frac{1}{10}$	$\frac{29}{181}$	$\frac{76}{181}$	$\Phi_{1810}\ \Phi_{905}\ \Phi_{362}$
117643	1620	1619	$\frac{53}{1619}$	$\frac{188}{1619}$	$\frac{261}{1619}$	$\frac{679}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117644	1620	1705	$\frac{1}{55}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{1705}\ \Phi_{341}\ \Phi_{155}$
117645	1620	1950	$\frac{7}{325}$	$\frac{53}{325}$	$\frac{1}{6}$	$\frac{136}{325}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{390}\ \Phi_{195}\ \Phi_{150}\ \Phi_{130}\ \Phi_{78}\ \Phi_{75}\ \Phi_{50}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{10}$
117646	1620	1619	$\frac{29}{1619}$	$\frac{265}{1619}$	$\frac{314}{1619}$	$\frac{677}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117647	1620	1160	$\frac{1}{58}$	$\frac{19}{116}$	$\frac{1}{5}$	$\frac{97}{232}$	$\Phi_{1160}^3\ \Phi_{290}\ \Phi_{145}\ \Phi_{40}^3\ \Phi_{10}$
117648	1620	2164	$\frac{7}{541}$	$\frac{89}{541}$	$\frac{1}{4}$	$\frac{226}{541}$	$\Phi_{2164}\ \Phi_{1082}$
117649	1620	1619	$\frac{35}{1619}$	$\frac{264}{1619}$	$\frac{271}{1619}$	$\frac{674}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117650	1620	1619	$\frac{53}{1619}$	$\frac{174}{1619}$	$\frac{289}{1619}$	$\frac{665}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117651	1620	1708	$\frac{1}{28}$	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{25}{61}$	$\Phi_{1708}\ \Phi_{854}\ \Phi_{427}\ \Phi_{244}\ \Phi_{122}$
117652	1620	1729	$\frac{1}{19}$	$\frac{6}{91}$	$\frac{17}{91}$	$\frac{37}{91}$	$\Phi_{1729}\ \Phi_{247}\ \Phi_{133}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
117653	1620	1619	$\frac{84}{1619}$	$\frac{107}{1619}$	$\frac{307}{1619}$	$\frac{656}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117654	1620	1619	$\frac{54}{1619}$	$\frac{161}{1619}$	$\frac{313}{1619}$	$\frac{653}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117655	1620	1810	$\frac{6}{181}$	$\frac{1}{10}$	$\frac{35}{181}$	$\frac{73}{181}$	$\Phi_{1810}\ \Phi_{905}\ \Phi_{362}$
117656	1620	1897	$\frac{6}{271}$	$\frac{1}{7}$	$\frac{53}{271}$	$\frac{109}{271}$	Φ_{1897}
117657	1620	1619	$\frac{24}{1619}$	$\frac{319}{1619}$	$\frac{323}{1619}$	$\frac{650}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117658	1620	2164	$\frac{6}{541}$	$\frac{107}{541}$	$\frac{1}{4}$	$\frac{217}{541}$	$\Phi_{2164}\ \Phi_{1082}$
117659	1620	1619	$\frac{14}{1619}$	$\frac{321}{1619}$	$\frac{485}{1619}$	$\frac{649}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117660	1620	2433	$\frac{6}{811}$	$\frac{161}{811}$	$\frac{1}{3}$	$\frac{325}{811}$	Φ_{2433}
117661	1620	2040	$\frac{1}{136}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}^2\ \Phi_{255}\ \Phi_{204}^2\ \Phi_{120}\ \Phi_{102}^2\ \Phi_{60}\ \Phi_{51}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
117662	1620	1345	$\frac{2}{269}$	$\frac{1}{5}$	$\frac{89}{269}$	$\frac{2}{5}$	$\Phi_{1345}\ \Phi_{269}^2\ \Phi_5^2\ \Phi_1^4$
117663	1620	1820	$\frac{1}{91}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{364}^2\ \Phi_{260}\ \Phi_{182}^2\ \Phi_{140}\ \Phi_{130}\ \Phi_{70}\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{14}^2$
117664	1620	1345	$\frac{4}{269}$	$\frac{53}{269}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1345}\ \Phi_{269}^2\ \Phi_5^2\ \Phi_1^4$
117665	1620	330	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{330}^6\ \Phi_{165}^6\ \Phi_{110}^6\ \Phi_{66}^6\ \Phi_{33}^6\ \Phi_{30}^5\ \Phi_{22}^6\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
117666	1620	1345	$\frac{5}{269}$	$\frac{44}{269}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1345}\ \Phi_{269}^2\ \Phi_5^2\ \Phi_1^4$
117667	1620	1610	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{70}\ \Phi_{14}^2$
117668	1620	1345	$\frac{8}{269}$	$\frac{29}{269}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1345}\ \Phi_{269}^2\ \Phi_5^2\ \Phi_1^4$
117669	1620	310	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{310}^6\ \Phi_{155}^5\ \Phi_{62}^6\ \Phi_{31}^4$
117670	1620	1345	$\frac{9}{269}$	$\frac{26}{269}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1345}\ \Phi_{269}^2\ \Phi_5^2\ \Phi_1^4$
117671	1620	1540	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}^2\ \Phi_{220}\ \Phi_{154}^2\ \Phi_{110}\ \Phi_{77}^2\ \Phi_{44}^2\ \Phi_{22}^2$
117672	1620	1345	$\frac{14}{269}$	$\frac{17}{269}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1345}\ \Phi_{269}^2\ \Phi_5^2\ \Phi_1^4$
117673	1620	1520	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{304}^2\ \Phi_{190}\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{38}^2$
117674	1620	1619	$\frac{11}{1619}$	$\frac{361}{1619}$	$\frac{536}{1619}$	$\frac{629}{1619}$	$\Phi_{1619}\ \Phi_1^2$
117675	1620	1364	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{1364}^2\ \Phi_{341}\ \Phi_{124}^2$
117676	1620	1768	$\frac{1}{136}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{442}\ \Phi_{221}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
117677	1620	390	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{16}{65}$	$\frac{49}{130}$	$\Phi_{390}^5\ \Phi_{195}^5\ \Phi_{130}\ \Phi_{78}^5\ \Phi_{65}^4\ \Phi_{39}^5\ \Phi_{30}^5\ \Phi_{26}\ \Phi_{15}^5\ \Phi_{13}^4\ \Phi_{10}\ \Phi_6^4\ \Phi_5^4\ \Phi_3^4\ \Phi_1^4$
117678	1620	3912	$\frac{1}{163}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{3912}\ \Phi_{489}$
117679	1620	2584	$\frac{2}{323}$	$\frac{1}{4}$	$\frac{107}{323}$	$\frac{3}{8}$	$\Phi_{2584}\ \Phi_{323}\ \Phi_{152}\ \Phi_{136}\ \Phi_{19}\ \Phi_{17}\ \Phi_8^2\ \Phi_1^2$
117680	1620	872	$\frac{1}{109}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{872}^3\ \Phi_{436}\ \Phi_{218}$
117681	1620	2584	$\frac{3}{323}$	$\frac{80}{323}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2584}\ \Phi_{323}\ \Phi_{152}\ \Phi_{136}\ \Phi_{19}\ \Phi_{17}\ \Phi_8^2\ \Phi_1^2$
117682	1620	1640	$\frac{1}{82}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1640}^2\ \Phi_{410}\ \Phi_{205}\ \Phi_{40}\ \Phi_{10}$
117683	1620	2584	$\frac{5}{323}$	$\frac{53}{323}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2584}\ \Phi_{323}\ \Phi_{152}\ \Phi_{136}\ \Phi_{19}\ \Phi_{17}\ \Phi_8^2\ \Phi_1^2$
117684	1620	1952	$\frac{1}{61}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1952}\ \Phi_{976}\ \Phi_{244}\ \Phi_{122}$
117685	1620	3080	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{385}\ \Phi_{280}\ \Phi_{77}\ \Phi_{35}$
117686	1620	2584	$\frac{8}{323}$	$\frac{35}{323}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2584}\ \Phi_{323}\ \Phi_{152}\ \Phi_{136}\ \Phi_{19}\ \Phi_{17}\ \Phi_8^2\ \Phi_1^2$
117687	1620	1480	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1480}^2\ \Phi_{370}\ \Phi_{296}\ \Phi_{185}\ \Phi_{74}$
117688	1620	2584	$\frac{11}{323}$	$\frac{26}{323}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2584}\ \Phi_{323}\ \Phi_{152}\ \Phi_{136}\ \Phi_{19}\ \Phi_{17}\ \Phi_8^2\ \Phi_1^2$
117689	1620	728	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{728}^4\ \Phi_{364}\ \Phi_{182}\ \Phi_{104}^3\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}$
117690	1620	680	$\frac{4}{85}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{680}^4\ \Phi_{136}^3\ \Phi_{85}^4\ \Phi_{40}^4\ \Phi_{17}^3\ \Phi_8^4\ \Phi_5^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
117691	1620	152	$\frac{1}{19}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{152}^{17}\ \Phi_{19}^{17}\ \Phi_{8}^{18}\ \Phi_{1}^{18}$
117692	1620	1729	$\frac{1}{91}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1729}\ \Phi_{247}\ \Phi_{133}$
117693	1620	1619	$\frac{19}{1619}$	$\frac{320}{1619}$	$\frac{433}{1619}$	$\frac{593}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117694	1620	1619	$\frac{23}{1619}$	$\frac{266}{1619}$	$\frac{451}{1619}$	$\frac{584}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117695	1620	854	$\frac{1}{61}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{854}^{3}\ \Phi_{427}\ \Phi_{122}^{3}$
117696	1620	1705	$\frac{1}{55}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{1705}\ \Phi_{341}\ \Phi_{155}$
117697	1620	1619	$\frac{35}{1619}$	$\frac{176}{1619}$	$\frac{481}{1619}$	$\frac{569}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117698	1620	1702	$\frac{1}{46}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{1702}\ \Phi_{851}\ \Phi_{74}$
117699	1620	1619	$\frac{39}{1619}$	$\frac{158}{1619}$	$\frac{487}{1619}$	$\frac{566}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117700	1620	1705	$\frac{1}{31}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{1705}\ \Phi_{341}\ \Phi_{155}$
117701	1620	1708	$\frac{1}{28}$	$\frac{4}{61}$	$\frac{19}{61}$	$\frac{21}{61}$	$\Phi_{1708}\ \Phi_{854}\ \Phi_{427}\ \Phi_{244}\ \Phi_{122}$
117702	1620	1619	$\frac{59}{1619}$	$\frac{104}{1619}$	$\frac{505}{1619}$	$\frac{557}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117703	1620	1619	$\frac{71}{1619}$	$\frac{86}{1619}$	$\frac{511}{1619}$	$\frac{554}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117704	1620	1729	$\frac{4}{91}$	$\frac{1}{19}$	$\frac{29}{91}$	$\frac{31}{91}$	$\Phi_{1729}\ \Phi_{247}\ \Phi_{133}$
117705	1620	1744	$\frac{4}{109}$	$\frac{1}{16}$	$\frac{35}{109}$	$\frac{37}{109}$	$\Phi_{1744}\ \Phi_{872}\ \Phi_{436}\ \Phi_{218}$
117706	1620	1619	$\frac{56}{1619}$	$\frac{107}{1619}$	$\frac{521}{1619}$	$\frac{549}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117707	1620	1619	$\frac{50}{1619}$	$\frac{119}{1619}$	$\frac{523}{1619}$	$\frac{548}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117708	1620	884	$\frac{1}{34}$	$\frac{1}{13}$	$\frac{11}{34}$	$\frac{23}{68}$	$\Phi_{884}^{3}\ \Phi_{442}\ \Phi_{221}\ \Phi_{52}^{3}\ \Phi_{26}$
117709	1620	1793	$\frac{4}{163}$	$\frac{1}{11}$	$\frac{53}{163}$	$\frac{55}{163}$	Φ_{1793}
117710	1620	1810	$\frac{4}{181}$	$\frac{1}{10}$	$\frac{59}{181}$	$\frac{61}{181}$	$\Phi_{1810}\ \Phi_{905}\ \Phi_{362}$
117711	1620	1619	$\frac{32}{1619}$	$\frac{179}{1619}$	$\frac{529}{1619}$	$\frac{545}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117712	1620	1619	$\frac{26}{1619}$	$\frac{215}{1619}$	$\frac{531}{1619}$	$\frac{544}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117713	1620	1897	$\frac{4}{271}$	$\frac{1}{7}$	$\frac{89}{271}$	$\frac{91}{271}$	Φ_{1897}
117714	1620	1950	$\frac{4}{325}$	$\frac{1}{6}$	$\frac{107}{325}$	$\frac{109}{325}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{390}\ \Phi_{195}\ \Phi_{150}\ \Phi_{130}\ \Phi_{78}\ \Phi_{75}\ \Phi_{50}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{10}$
117715	1620	1619	$\frac{14}{1619}$	$\frac{359}{1619}$	$\frac{535}{1619}$	$\frac{542}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117716	1620	2164	$\frac{4}{541}$	$\frac{1}{4}$	$\frac{179}{541}$	$\frac{181}{541}$	$\Phi_{2164}\ \Phi_{1082}$
117717	1620	1619	$\frac{8}{1619}$	$\frac{537}{1619}$	$\frac{539}{1619}$	$\frac{541}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117718	1620	2433	$\frac{4}{811}$	$\frac{269}{811}$	$\frac{1}{3}$	$\frac{271}{811}$	Φ_{2433}
117719	1620	606	$\frac{1}{202}$	$\frac{67}{202}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{606}^{2}\ \Phi_{303}^{2}\ \Phi_{202}^{4}\ \Phi_{101}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
117720	1620	408	$\frac{1}{136}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{408}^{3}\ \Phi_{204}^{3}\ \Phi_{136}^{6}\ \Phi_{102}^{3}\ \Phi_{68}^{6}\ \Phi_{51}^{3}\ \Phi_{34}^{6}\ \Phi_{24}^{3}\ \Phi_{17}^{6}\ \Phi_{12}^{2}\ \Phi_{8}^{6}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
117721	1620	303	$\frac{1}{101}$	$\frac{20}{101}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{303}^{4}\ \Phi_{101}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{10}$
117722	1620	246	$\frac{1}{82}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{246}^{7}\ \Phi_{123}^{7}\ \Phi_{82}^{6}\ \Phi_{41}^{6}\ \Phi_{6}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
117723	1620	303	$\frac{2}{101}$	$\frac{11}{101}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{303}^{4}\ \Phi_{101}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{10}$
117724	1620	690	$\frac{1}{46}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{690}^{2}\ \Phi_{345}^{2}\ \Phi_{230}^{4}\ \Phi_{138}\ \Phi_{115}^{4}\ \Phi_{69}\ \Phi_{46}^{2}\ \Phi_{30}\ \Phi_{23}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
117725	1620	606	$\frac{7}{202}$	$\frac{13}{202}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{606}^{2}\ \Phi_{303}^{2}\ \Phi_{202}^{4}\ \Phi_{101}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
117726	1620	336	$\frac{1}{28}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{112}^{8}\ \Phi_{84}^{3}\ \Phi_{56}^{8}\ \Phi_{48}^{3}\ \Phi_{42}^{3}\ \Phi_{28}^{6}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{16}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{2}\ \Phi_{8}^{6}\ \Phi_{7}^{6}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
117727	1620	3228	$\frac{2}{269}$	$\frac{1}{4}$	$\frac{89}{269}$	$\frac{1}{3}$	$\Phi_{3228}\ \Phi_{1614}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
117728	1620	2433	$\frac{7}{811}$	$\frac{181}{811}$	$\frac{268}{811}$	$\frac{1}{3}$	Φ_{2433}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
117729	1620	966	$\frac{2}{161}$	$\frac{1}{6}$	$\frac{53}{161}$	$\frac{1}{3}$	$\Phi_{966}^2\ \Phi_{483}\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{138}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{42}^2\ \Phi_{23}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
117730	1620	1407	$\frac{1}{67}$	$\frac{1}{7}$	$\frac{22}{67}$	$\frac{1}{3}$	$\Phi_{1407}^2\ \Phi_{21}^3$
117731	1620	2433	$\frac{13}{811}$	$\frac{109}{811}$	$\frac{266}{811}$	$\frac{1}{3}$	Φ_{2433}
117732	1620	2433	$\frac{16}{811}$	$\frac{91}{811}$	$\frac{265}{811}$	$\frac{1}{3}$	Φ_{2433}
117733	1620	2670	$\frac{2}{89}$	$\frac{1}{10}$	$\frac{29}{89}$	$\frac{1}{3}$	$\Phi_{2670}\ \Phi_{1335}\ \Phi_{534}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
117734	1620	1320	$\frac{1}{40}$	$\frac{1}{11}$	$\frac{13}{40}$	$\frac{1}{3}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{330}^2\ \Phi_{264}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{33}^3$
117735	1620	2433	$\frac{25}{811}$	$\frac{61}{811}$	$\frac{262}{811}$	$\frac{1}{3}$	Φ_{2433}
117736	1620	2433	$\frac{28}{811}$	$\frac{55}{811}$	$\frac{261}{811}$	$\frac{1}{3}$	Φ_{2433}
117737	1620	2544	$\frac{2}{53}$	$\frac{1}{16}$	$\frac{17}{53}$	$\frac{1}{3}$	$\Phi_{2544}\ \Phi_{1272}\ \Phi_{636}\ \Phi_{318}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
117738	1620	1254	$\frac{1}{22}$	$\frac{1}{19}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{1254}^2\ \Phi_{627}^2\ \Phi_{114}^2\ \Phi_{57}^3$
117739	1620	2433	$\frac{37}{811}$	$\frac{43}{811}$	$\frac{256}{811}$	$\frac{1}{3}$	Φ_{2433}
117740	1620	2433	$\frac{31}{811}$	$\frac{52}{811}$	$\frac{253}{811}$	$\frac{1}{3}$	Φ_{2433}
117741	1620	2436	$\frac{1}{28}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{609}\ \Phi_{348}\ \Phi_{174}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_{6}^2$
117742	1620	1209	$\frac{1}{31}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{1209}^2\ \Phi_{93}^3$
117743	1620	2433	$\frac{21}{811}$	$\frac{79}{811}$	$\frac{244}{811}$	$\frac{1}{3}$	Φ_{2433}
117744	1620	2433	$\frac{19}{811}$	$\frac{88}{811}$	$\frac{241}{811}$	$\frac{1}{3}$	Φ_{2433}
117745	1620	2346	$\frac{1}{46}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{2346}\ \Phi_{1173}\ \Phi_{138}^2\ \Phi_{102}\ \Phi_{69}^2\ \Phi_{6}^2$
117746	1620	1155	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{1155}^2\ \Phi_{231}^2\ \Phi_{165}^3\ \Phi_{105}^2\ \Phi_{33}^3\ \Phi_{15}^3$
117747	1620	2433	$\frac{13}{811}$	$\frac{133}{811}$	$\frac{226}{811}$	$\frac{1}{3}$	Φ_{2433}
117748	1620	2433	$\frac{11}{811}$	$\frac{160}{811}$	$\frac{217}{811}$	$\frac{1}{3}$	Φ_{2433}
117749	1620	2214	$\frac{1}{82}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{2214}\ \Phi_{1107}\ \Phi_{246}\ \Phi_{123}\ \Phi_{54}\ \Phi_{6}$
117750	1620	1092	$\frac{1}{91}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{273}^3\ \Phi_{156}^2\ \Phi_{84}^2\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{39}^3\ \Phi_{21}^3$
117751	1620	3228	$\frac{4}{269}$	$\frac{53}{269}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3228}\ \Phi_{1614}\ \Phi_{12}^2\ \Phi_{6}^2$
117752	1620	660	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^3\ \Phi_{330}\ \Phi_{220}^4\ \Phi_{165}^2\ \Phi_{132}^3\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{60}^3\ \Phi_{55}^2\ \Phi_{44}^4\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_{5}^2$
117753	1620	3228	$\frac{5}{269}$	$\frac{44}{269}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3228}\ \Phi_{1614}\ \Phi_{12}^2\ \Phi_{6}^2$
117754	1620	1932	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1932}^2\ \Phi_{966}\ \Phi_{483}\ \Phi_{84}\ \Phi_{21}$
117755	1620	3228	$\frac{8}{269}$	$\frac{29}{269}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3228}\ \Phi_{1614}\ \Phi_{12}^2\ \Phi_{6}^2$
117756	1620	1860	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1860}^2\ \Phi_{930}\ \Phi_{465}\ \Phi_{372}\ \Phi_{93}$
117757	1620	3228	$\frac{9}{269}$	$\frac{26}{269}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3228}\ \Phi_{1614}\ \Phi_{12}^2\ \Phi_{6}^2$
117758	1620	924	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^3\ \Phi_{462}^3\ \Phi_{231}^3\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{33}^3$
117759	1620	3228	$\frac{14}{269}$	$\frac{17}{269}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3228}\ \Phi_{1614}\ \Phi_{12}^2\ \Phi_{6}^2$
117760	1620	912	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{912}^3\ \Phi_{456}^3\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{57}^3$
117761	1620	2805	$\frac{4}{85}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2805}\ \Phi_{561}\ \Phi_{33}$
117762	1620	1407	$\frac{2}{67}$	$\frac{1}{7}$	$\frac{13}{67}$	$\frac{1}{3}$	$\Phi_{1407}^2\ \Phi_{21}^3$
117763	1620	2433	$\frac{26}{811}$	$\frac{109}{811}$	$\frac{157}{811}$	$\frac{1}{3}$	Φ_{2433}
117764	1620	2670	$\frac{4}{89}$	$\frac{1}{10}$	$\frac{17}{89}$	$\frac{1}{3}$	$\Phi_{2670}\ \Phi_{1335}\ \Phi_{534}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
117765	1620	3300	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{19}{100}$	$\frac{1}{3}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{825}\ \Phi_{33}$
117766	1620	2433	$\frac{41}{811}$	$\frac{73}{811}$	$\frac{154}{811}$	$\frac{1}{3}$	Φ_{2433}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
117767	1620	627	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{627}^{4}\ \Phi_{57}^{5}$
117768	1620	2433	$\frac{37}{811}$	$\frac{86}{811}$	$\frac{145}{811}$	$\frac{1}{3}$	Φ_{2433}
117769	1620	2436	$\frac{1}{28}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{609}\ \Phi_{348}\ \Phi_{174}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
117770	1620	2433	$\frac{25}{811}$	$\frac{131}{811}$	$\frac{136}{811}$	$\frac{1}{3}$	Φ_{2433}
117771	1620	966	$\frac{5}{161}$	$\frac{26}{161}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{966}^{2}\ \Phi_{483}\ \Phi_{322}^{2}\ \Phi_{161}^{2}\ \Phi_{138}^{2}\ \Phi_{69}\ \Phi_{46}^{2}\ \Phi_{42}^{2}\ \Phi_{23}^{2}\ \Phi_{21}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
117772	1620	84	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{84}^{18}\ \Phi_{42}^{16}\ \Phi_{28}^{24}\ \Phi_{21}^{17}\ \Phi_{14}^{22}\ \Phi_{12}^{18}\ \Phi_{7}^{22}\ \Phi_{6}^{18}\ \Phi_{4}^{24}\ \Phi_{3}^{18}\ \Phi_{2}^{24}\ \Phi_{1}^{24}$
117773	1620	276	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{276}^{6}\ \Phi_{138}^{4}\ \Phi_{92}^{8}\ \Phi_{69}^{5}\ \Phi_{46}^{6}\ \Phi_{23}^{6}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
117774	1620	966	$\frac{8}{161}$	$\frac{17}{161}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{966}^{2}\ \Phi_{483}\ \Phi_{322}^{2}\ \Phi_{161}^{2}\ \Phi_{138}^{2}\ \Phi_{69}\ \Phi_{46}^{2}\ \Phi_{42}^{2}\ \Phi_{23}^{2}\ \Phi_{21}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
117775	1620	570	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{570}^{3}\ \Phi_{285}^{3}\ \Phi_{190}^{4}\ \Phi_{114}\ \Phi_{95}^{4}\ \Phi_{57}^{2}\ \Phi_{38}^{2}\ \Phi_{19}^{2}$
117776	1620	2670	$\frac{5}{89}$	$\frac{1}{10}$	$\frac{14}{89}$	$\frac{1}{3}$	$\Phi_{2670}\ \Phi_{1335}\ \Phi_{534}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}$
117777	1620	2433	$\frac{49}{811}$	$\frac{76}{811}$	$\frac{127}{811}$	$\frac{1}{3}$	Φ_{2433}
117778	1620	1056	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{5}{32}$	$\frac{1}{3}$	$\Phi_{1056}^{3}\ \Phi_{528}^{2}\ \Phi_{264}^{2}\ \Phi_{132}^{2}\ \Phi_{66}^{2}\ \Phi_{33}^{3}$
117779	1620	2544	$\frac{1}{16}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{3}$	$\Phi_{2544}\ \Phi_{1272}\ \Phi_{636}\ \Phi_{318}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
117780	1620	2433	$\frac{46}{811}$	$\frac{85}{811}$	$\frac{121}{811}$	$\frac{1}{3}$	Φ_{2433}
117781	1620	1407	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1407}^{2}\ \Phi_{21}^{3}$
117782	1620	1680	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1680}^{2}\ \Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{336}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{84}\ \Phi_{21}$
117783	1620	264	$\frac{7}{88}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{264}^{9}\ \Phi_{132}^{9}\ \Phi_{66}^{9}\ \Phi_{33}^{10}\ \Phi_{24}^{10}\ \Phi_{12}^{10}\ \Phi_{6}^{10}\ \Phi_{3}^{10}$
117784	1620	2670	$\frac{8}{89}$	$\frac{1}{10}$	$\frac{9}{89}$	$\frac{1}{3}$	$\Phi_{2670}\ \Phi_{1335}\ \Phi_{534}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}$
117785	1620	2433	$\frac{73}{811}$	$\frac{81}{811}$	$\frac{82}{811}$	$\frac{1}{3}$	Φ_{2433}
117786	1620	330	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{3}$	$\Phi_{330}^{8}\ \Phi_{165}^{8}\ \Phi_{66}^{8}\ \Phi_{33}^{9}$
117787	1620	716	$\frac{2}{179}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{59}{179}$	$\Phi_{716}^{2}\ \Phi_{358}^{2}\ \Phi_{179}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
117788	1620	1619	$\frac{20}{1619}$	$\frac{362}{1619}$	$\frac{419}{1619}$	$\frac{533}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117789	1620	2164	$\frac{7}{541}$	$\frac{121}{541}$	$\frac{1}{4}$	$\frac{178}{541}$	$\Phi_{2164}\ \Phi_{1082}$
117790	1620	737	$\frac{1}{67}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{22}{67}$	$\Phi_{737}^{2}\ \Phi_{67}^{4}\ \Phi_{11}^{3}\ \Phi_{1}^{6}$
117791	1620	1340	$\frac{1}{67}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{22}{67}$	$\Phi_{1340}^{2}\ \Phi_{670}^{2}\ \Phi_{20}^{3}\ \Phi_{10}^{3}$
117792	1620	1619	$\frac{26}{1619}$	$\frac{272}{1619}$	$\frac{449}{1619}$	$\frac{531}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117793	1620	290	$\frac{1}{58}$	$\frac{1}{5}$	$\frac{13}{58}$	$\frac{19}{58}$	$\Phi_{290}^{7}\ \Phi_{145}^{7}\ \Phi_{10}^{7}\ \Phi_{5}^{6}$
117794	1620	1619	$\frac{29}{1619}$	$\frac{314}{1619}$	$\frac{363}{1619}$	$\frac{530}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117795	1620	2164	$\frac{10}{541}$	$\frac{91}{541}$	$\frac{1}{4}$	$\frac{177}{541}$	$\Phi_{2164}\ \Phi_{1082}$
117796	1620	749	$\frac{2}{107}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{35}{107}$	$\Phi_{749}^{2}\ \Phi_{107}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
117797	1620	1284	$\frac{2}{107}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{35}{107}$	$\Phi_{1284}^{2}\ \Phi_{642}\ \Phi_{428}\ \Phi_{321}\ \Phi_{107}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
117798	1620	1619	$\frac{32}{1619}$	$\frac{218}{1619}$	$\frac{467}{1619}$	$\frac{529}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117799	1620	1950	$\frac{7}{325}$	$\frac{1}{6}$	$\frac{73}{325}$	$\frac{106}{325}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{390}\ \Phi_{195}\ \Phi_{150}\ \Phi_{130}\ \Phi_{78}\ \Phi_{75}\ \Phi_{50}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{10}$
117800	1620	1513	$\frac{2}{89}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{29}{89}$	$\Phi_{1513}\ \Phi_{89}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
117801	1620	2492	$\frac{2}{89}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{29}{89}$	$\Phi_{2492}\ \Phi_{1246}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
117802	1620	1619	$\frac{38}{1619}$	$\frac{182}{1619}$	$\frac{479}{1619}$	$\frac{527}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117803	1620	1619	$\frac{38}{1619}$	$\frac{251}{1619}$	$\frac{364}{1619}$	$\frac{527}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117804	1620	2164	$\frac{13}{541}$	$\frac{73}{541}$	$\frac{1}{4}$	$\frac{176}{541}$	$\Phi_{2164}\ \Phi_{1082}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
117805	1620	760	$\frac{1}{40}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{13}{40}$	$\Phi_{760}^2\ \Phi_{380}^2\ \Phi_{190}^2\ \Phi_{152}^2\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{40}^4\ \Phi_{38}^2\ \Phi_{20}^4\ \Phi_{19}^3\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{5}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
117806	1620	120	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{13}{40}$	$\Phi_{120}^{16}\ \Phi_{60}^{16}\ \Phi_{40}^8\ \Phi_{30}^{17}\ \Phi_{24}^{16}\ \Phi_{20}^8\ \Phi_{15}^{17}\ \Phi_{12}^{16}\ \Phi_{10}^9\ \Phi_{8}^8\ \Phi_{6}^{16}\ \Phi_{5}^8\ \Phi_{4}^8\ \Phi_{3}^{16}\ \Phi_{2}^8\ \Phi_{1}^8$
117807	1620	1897	$\frac{7}{271}$	$\frac{1}{7}$	$\frac{61}{271}$	$\frac{88}{271}$	Φ_{1897}
117808	1620	1619	$\frac{47}{1619}$	$\frac{209}{1619}$	$\frac{365}{1619}$	$\frac{524}{1619}$	$\Phi_{1619}\ \Phi_{1}^2$
117809	1620	1619	$\frac{47}{1619}$	$\frac{219}{1619}$	$\frac{350}{1619}$	$\frac{524}{1619}$	$\Phi_{1619}\ \Phi_{1}^2$
117810	1620	2164	$\frac{16}{541}$	$\frac{61}{541}$	$\frac{1}{4}$	$\frac{175}{541}$	$\Phi_{2164}\ \Phi_{1082}$
117811	1620	390	$\frac{2}{65}$	$\frac{1}{6}$	$\frac{11}{65}$	$\frac{21}{65}$	$\Phi_{390}^5\ \Phi_{195}^5\ \Phi_{130}^5\ \Phi_{78}^5\ \Phi_{39}^5\ \Phi_{30}^5\ \Phi_{26}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4$
117812	1620	1619	$\frac{50}{1619}$	$\frac{269}{1619}$	$\frac{274}{1619}$	$\frac{523}{1619}$	$\Phi_{1619}\ \Phi_{1}^2$
117813	1620	2030	$\frac{13}{406}$	$\frac{55}{406}$	$\frac{1}{5}$	$\frac{131}{406}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{290}\ \Phi_{145}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
117814	1620	767	$\frac{2}{59}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{19}{59}$	$\Phi_{767}^2\ \Phi_{59}^3\ \Phi_{13}^4\ \Phi_{1}^6$
117815	1620	1180	$\frac{2}{59}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{19}{59}$	$\Phi_{1180}^2\ \Phi_{590}\ \Phi_{295}\ \Phi_{236}\ \Phi_{59}\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
117816	1620	1619	$\frac{56}{1619}$	$\frac{122}{1619}$	$\frac{499}{1619}$	$\frac{521}{1619}$	$\Phi_{1619}\ \Phi_{1}^2$
117817	1620	1537	$\frac{2}{53}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{17}{53}$	$\Phi_{1537}\ \Phi_{53}^2\ \Phi_{29}^2\ \Phi_{1}^4$
117818	1620	2332	$\frac{2}{53}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{17}{53}$	$\Phi_{2332}\ \Phi_{1166}\ \Phi_{44}^2\ \Phi_{22}^2$
117819	1620	1537	$\frac{2}{53}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{17}{53}$	$\Phi_{1537}\ \Phi_{53}^2\ \Phi_{29}^2\ \Phi_{1}^4$
117820	1620	2226	$\frac{2}{53}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{17}{53}$	$\Phi_{2226}\ \Phi_{1113}\ \Phi_{742}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
117821	1620	1619	$\frac{62}{1619}$	$\frac{110}{1619}$	$\frac{503}{1619}$	$\frac{519}{1619}$	$\Phi_{1619}\ \Phi_{1}^2$
117822	1620	1810	$\frac{7}{181}$	$\frac{1}{10}$	$\frac{41}{181}$	$\frac{58}{181}$	$\Phi_{1810}\ \Phi_{905}\ \Phi_{362}$
117823	1620	750	$\frac{1}{25}$	$\frac{17}{125}$	$\frac{1}{6}$	$\frac{8}{25}$	$\Phi_{750}^3\ \Phi_{375}^3\ \Phi_{250}^3\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
117824	1620	1793	$\frac{7}{163}$	$\frac{1}{11}$	$\frac{37}{163}$	$\frac{52}{163}$	Φ_{1793}
117825	1620	770	$\frac{1}{22}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{7}{22}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}^2\ \Phi_{70}^2\ \Phi_{55}^2\ \Phi_{35}^3\ \Phi_{22}^4\ \Phi_{14}^2\ \Phi_{11}^4\ \Phi_{10}^2\ \Phi_{7}^3\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^6$
117826	1620	572	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{7}{22}$	$\Phi_{572}^4\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{52}^5\ \Phi_{26}^3\ \Phi_{13}^2$
117827	1620	770	$\frac{1}{22}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{7}{22}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}^2\ \Phi_{70}^2\ \Phi_{55}^2\ \Phi_{35}^3\ \Phi_{22}^4\ \Phi_{14}^2\ \Phi_{11}^4\ \Phi_{10}^2\ \Phi_{7}^3\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^6$
117828	1620	110	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{7}{22}$	$\Phi_{110}^{14}\ \Phi_{55}^{14}\ \Phi_{22}^{16}\ \Phi_{11}^{16}\ \Phi_{10}^{18}\ \Phi_{5}^{17}\ \Phi_{2}^{20}\ \Phi_{1}^{20}$
117829	1620	154	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{7}{22}$	$\Phi_{154}^{10}\ \Phi_{77}^{10}\ \Phi_{22}^{12}\ \Phi_{14}^{10}\ \Phi_{11}^{12}\ \Phi_{7}^{15}\ \Phi_{2}^{12}\ \Phi_{1}^{18}$
117830	1620	1619	$\frac{74}{1619}$	$\frac{92}{1619}$	$\frac{509}{1619}$	$\frac{515}{1619}$	$\Phi_{1619}\ \Phi_{1}^2$
117831	1620	1619	$\frac{74}{1619}$	$\frac{139}{1619}$	$\frac{368}{1619}$	$\frac{515}{1619}$	$\Phi_{1619}\ \Phi_{1}^2$
117832	1620	1619	$\frac{74}{1619}$	$\frac{184}{1619}$	$\frac{287}{1619}$	$\frac{515}{1619}$	$\Phi_{1619}\ \Phi_{1}^2$
117833	1620	2164	$\frac{25}{541}$	$\frac{41}{541}$	$\frac{1}{4}$	$\frac{172}{541}$	$\Phi_{2164}\ \Phi_{1082}$
117834	1620	1619	$\frac{77}{1619}$	$\frac{221}{1619}$	$\frac{233}{1619}$	$\frac{514}{1619}$	$\Phi_{1619}\ \Phi_{1}^2$
117835	1620	1897	$\frac{13}{271}$	$\frac{37}{271}$	$\frac{1}{7}$	$\frac{86}{271}$	Φ_{1897}
117836	1620	1950	$\frac{16}{325}$	$\frac{37}{325}$	$\frac{1}{6}$	$\frac{103}{325}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{390}\ \Phi_{195}\ \Phi_{150}\ \Phi_{130}\ \Phi_{78}\ \Phi_{75}\ \Phi_{50}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{10}$
117837	1620	1619	$\frac{83}{1619}$	$\frac{123}{1619}$	$\frac{374}{1619}$	$\frac{512}{1619}$	$\Phi_{1619}\ \Phi_{1}^2$
117838	1620	1619	$\frac{83}{1619}$	$\frac{125}{1619}$	$\frac{369}{1619}$	$\frac{512}{1619}$	$\Phi_{1619}\ \Phi_{1}^2$
117839	1620	1768	$\frac{7}{136}$	$\frac{1}{13}$	$\frac{31}{136}$	$\frac{43}{136}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{442}\ \Phi_{221}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
117840	1620	2164	$\frac{28}{541}$	$\frac{37}{541}$	$\frac{1}{4}$	$\frac{171}{541}$	$\Phi_{2164}\ \Phi_{1082}$
117841	1620	1810	$\frac{10}{181}$	$\frac{1}{10}$	$\frac{31}{181}$	$\frac{57}{181}$	$\Phi_{1810}\ \Phi_{905}\ \Phi_{362}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
117842	1620	1619	$\frac{92}{1619}$	$\frac{185}{1619}$	$\frac{239}{1619}$	$\frac{509}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117843	1620	560	$\frac{2}{35}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{11}{35}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{140}^{2}\ \Phi_{112}^{3}\ \Phi_{80}^{3}\ \Phi_{70}^{2}\ \Phi_{56}^{3}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{6}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{6}\ \Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
117844	1620	385	$\frac{2}{35}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{11}{35}$	$\Phi_{385}^{4}\ \Phi_{77}^{4}\ \Phi_{55}^{4}\ \Phi_{35}^{5}\ \Phi_{11}^{8}\ \Phi_{7}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{10}$
117845	1620	210	$\frac{2}{35}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{11}{35}$	$\Phi_{210}^{9}\ \Phi_{105}^{9}\ \Phi_{70}^{4}\ \Phi_{42}^{9}\ \Phi_{35}^{5}\ \Phi_{30}^{11}\ \Phi_{21}^{9}\ \Phi_{15}^{11}\ \Phi_{14}^{4}\ \Phi_{10}^{5}\ \Phi_{7}^{5}\ \Phi_{6}^{10}\ \Phi_{5}^{6}\ \Phi_{3}^{10}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
117846	1620	1897	$\frac{16}{271}$	$\frac{31}{271}$	$\frac{1}{7}$	$\frac{85}{271}$	Φ_{1897}
117847	1620	1619	$\frac{98}{1619}$	$\frac{149}{1619}$	$\frac{278}{1619}$	$\frac{507}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117848	1620	2030	$\frac{25}{406}$	$\frac{31}{406}$	$\frac{1}{5}$	$\frac{127}{406}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{290}\ \Phi_{145}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
117849	1620	1619	$\frac{101}{1619}$	$\frac{104}{1619}$	$\frac{371}{1619}$	$\frac{506}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117850	1620	2164	$\frac{31}{541}$	$\frac{34}{541}$	$\frac{1}{4}$	$\frac{169}{541}$	$\Phi_{2164}\ \Phi_{1082}$
117851	1620	1744	$\frac{1}{16}$	$\frac{7}{109}$	$\frac{25}{109}$	$\frac{34}{109}$	$\Phi_{1744}\ \Phi_{872}\ \Phi_{436}\ \Phi_{218}$
117852	1620	980	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{61}{196}$	$\Phi_{980}^{2}\ \Phi_{490}^{2}\ \Phi_{245}^{2}\ \Phi_{140}^{2}\ \Phi_{70}^{3}\ \Phi_{35}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
117853	1620	1619	$\frac{110}{1619}$	$\frac{124}{1619}$	$\frac{299}{1619}$	$\frac{503}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117854	1620	2204	$\frac{1}{19}$	$\frac{2}{29}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{2204}\ \Phi_{1102}\ \Phi_{76}^{2}\ \Phi_{38}^{2}$
117855	1620	1537	$\frac{2}{29}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{9}{29}$	$\Phi_{1537}\ \Phi_{53}^{2}\ \Phi_{29}^{2}\ \Phi_{1}^{4}$
117856	1620	2030	$\frac{2}{29}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{29}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{406}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{14}^{2}$
117857	1620	1810	$\frac{13}{181}$	$\frac{1}{10}$	$\frac{25}{181}$	$\frac{56}{181}$	$\Phi_{1810}\ \Phi_{905}\ \Phi_{362}$
117858	1620	1619	$\frac{122}{1619}$	$\frac{155}{1619}$	$\frac{224}{1619}$	$\frac{499}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117859	1620	1092	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{1092}^{2}\ \Phi_{546}^{2}\ \Phi_{364}^{2}\ \Phi_{182}^{2}\ \Phi_{156}^{2}\ \Phi_{84}^{3}\ \Phi_{78}^{2}\ \Phi_{42}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
117860	1620	767	$\frac{3}{59}$	$\frac{1}{13}$	$\frac{14}{59}$	$\frac{4}{13}$	$\Phi_{767}^{2}\ \Phi_{59}^{3}\ \Phi_{13}^{4}\ \Phi_{1}^{6}$
117861	1620	247	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{247}^{7}\ \Phi_{19}^{6}$
117862	1620	1040	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{1040}^{2}\ \Phi_{520}^{2}\ \Phi_{260}^{2}\ \Phi_{130}^{2}\ \Phi_{80}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}$
117863	1620	767	$\frac{4}{59}$	$\frac{1}{13}$	$\frac{11}{59}$	$\frac{4}{13}$	$\Phi_{767}^{2}\ \Phi_{59}^{3}\ \Phi_{13}^{4}\ \Phi_{1}^{6}$
117864	1620	78	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{4}{13}$	$\Phi_{78}^{25}\ \Phi_{39}^{25}\ \Phi_{26}^{25}\ \Phi_{6}^{24}\ \Phi_{3}^{24}\ \Phi_{2}^{24}$
117865	1620	767	$\frac{1}{13}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{4}{13}$	$\Phi_{767}^{2}\ \Phi_{59}^{3}\ \Phi_{13}^{4}\ \Phi_{1}^{6}$
117866	1620	1001	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{4}{13}$	$\Phi_{1001}^{2}\ \Phi_{77}^{3}$
117867	1620	1619	$\frac{83}{1619}$	$\frac{128}{1619}$	$\frac{374}{1619}$	$\frac{497}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117868	1620	2164	$\frac{25}{541}$	$\frac{43}{541}$	$\frac{1}{4}$	$\frac{166}{541}$	$\Phi_{2164}\ \Phi_{1082}$
117869	1620	1619	$\frac{75}{1619}$	$\frac{137}{1619}$	$\frac{386}{1619}$	$\frac{494}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117870	1620	1619	$\frac{125}{1619}$	$\frac{137}{1619}$	$\frac{249}{1619}$	$\frac{494}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117871	1620	1722	$\frac{1}{21}$	$\frac{7}{82}$	$\frac{19}{82}$	$\frac{25}{82}$	$\Phi_{1722}\ \Phi_{861}\ \Phi_{574}\ \Phi_{287}\ \Phi_{246}\ \Phi_{123}\ \Phi_{42}\ \Phi_{14}\ \Phi_{6}$
117872	1620	1810	$\frac{16}{181}$	$\frac{1}{10}$	$\frac{21}{181}$	$\frac{55}{181}$	$\Phi_{1810}\ \Phi_{905}\ \Phi_{362}$
117873	1620	1619	$\frac{94}{1619}$	$\frac{146}{1619}$	$\frac{305}{1619}$	$\frac{491}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117874	1620	1619	$\frac{146}{1619}$	$\frac{159}{1619}$	$\frac{188}{1619}$	$\frac{491}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117875	1620	1744	$\frac{1}{16}$	$\frac{10}{109}$	$\frac{19}{109}$	$\frac{33}{109}$	$\Phi_{1744}\ \Phi_{872}\ \Phi_{436}\ \Phi_{218}$
117876	1620	1897	$\frac{21}{271}$	$\frac{25}{271}$	$\frac{1}{7}$	$\frac{82}{271}$	Φ_{1897}
117877	1620	1619	$\frac{113}{1619}$	$\frac{152}{1619}$	$\frac{251}{1619}$	$\frac{489}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117878	1620	1768	$\frac{1}{13}$	$\frac{13}{136}$	$\frac{19}{136}$	$\frac{41}{136}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{442}\ \Phi_{221}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
117879	1620	1619	$\frac{69}{1619}$	$\frac{155}{1619}$	$\frac{377}{1619}$	$\frac{488}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
117880	1620	2164	$\frac{21}{541}$	$\frac{52}{541}$	$\frac{1}{4}$	$\frac{163}{541}$	$\Phi_{2164}\ \Phi_{1082}$
117881	1620	1793	$\frac{1}{11}$	$\frac{16}{163}$	$\frac{19}{163}$	$\frac{49}{163}$	Φ_{1793}
117882	1620	1619	$\frac{143}{1619}$	$\frac{164}{1619}$	$\frac{189}{1619}$	$\frac{485}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117883	1620	1619	$\frac{116}{1619}$	$\frac{167}{1619}$	$\frac{227}{1619}$	$\frac{484}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117884	1620	1897	$\frac{19}{271}$	$\frac{28}{271}$	$\frac{1}{7}$	$\frac{81}{271}$	Φ_{1897}
117885	1620	1950	$\frac{19}{325}$	$\frac{34}{325}$	$\frac{1}{6}$	$\frac{97}{325}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{390}\ \Phi_{195}\ \Phi_{150}\ \Phi_{130}\ \Phi_{78}\ \Phi_{75}\ \Phi_{50}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{10}$
117886	1620	1619	$\frac{89}{1619}$	$\frac{170}{1619}$	$\frac{284}{1619}$	$\frac{483}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117887	1620	2030	$\frac{19}{406}$	$\frac{43}{406}$	$\frac{1}{5}$	$\frac{121}{406}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{290}\ \Phi_{145}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
117888	1620	1619	$\frac{62}{1619}$	$\frac{173}{1619}$	$\frac{379}{1619}$	$\frac{482}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117889	1620	2164	$\frac{19}{541}$	$\frac{58}{541}$	$\frac{1}{4}$	$\frac{161}{541}$	$\Phi_{2164}\ \Phi_{1082}$
117890	1620	832	$\frac{1}{13}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{19}{64}$	$\Phi_{832}^{2}\ \Phi_{416}^{2}\ \Phi_{208}^{2}\ \Phi_{104}^{3}\ \Phi_{52}^{3}\ \Phi_{26}^{3}\ \Phi_{13}^{2}$
117891	1620	2108	$\frac{1}{31}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{2108}\ \Phi_{1054}\ \Phi_{124}^{2}\ \Phi_{62}^{2}$
117892	1620	1513	$\frac{4}{89}$	$\frac{2}{17}$	$\frac{17}{89}$	$\frac{5}{17}$	$\Phi_{1513}\ \Phi_{89}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
117893	1620	1938	$\frac{1}{19}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{1938}\ \Phi_{969}\ \Phi_{646}\ \Phi_{114}^{2}\ \Phi_{57}^{2}\ \Phi_{38}^{2}$
117894	1620	1513	$\frac{5}{89}$	$\frac{2}{17}$	$\frac{14}{89}$	$\frac{5}{17}$	$\Phi_{1513}\ \Phi_{89}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
117895	1620	1904	$\frac{1}{16}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{5}{17}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{112}^{2}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
117896	1620	1513	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{1513}\ \Phi_{89}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
117897	1620	1870	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{374}\ \Phi_{110}^{2}\ \Phi_{55}^{2}\ \Phi_{22}^{2}$
117898	1620	1705	$\frac{1}{31}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{1705}\ \Phi_{341}\ \Phi_{155}$
117899	1620	1619	$\frac{64}{1619}$	$\frac{218}{1619}$	$\frac{311}{1619}$	$\frac{467}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117900	1620	1619	$\frac{77}{1619}$	$\frac{227}{1619}$	$\frac{257}{1619}$	$\frac{464}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117901	1620	1036	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{1036}^{2}\ \Phi_{518}^{2}\ \Phi_{148}^{3}\ \Phi_{74}^{3}$
117902	1620	749	$\frac{3}{107}$	$\frac{1}{7}$	$\frac{26}{107}$	$\frac{2}{7}$	$\Phi_{749}^{2}\ \Phi_{107}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
117903	1620	140	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{140}^{15}\ \Phi_{70}^{15}\ \Phi_{35}^{13}\ \Phi_{20}^{15}\ \Phi_{10}^{15}\ \Phi_{5}^{12}$
117904	1620	749	$\frac{5}{107}$	$\frac{1}{7}$	$\frac{17}{107}$	$\frac{2}{7}$	$\Phi_{749}^{2}\ \Phi_{107}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
117905	1620	133	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{133}^{13}\ \Phi_{19}^{12}$
117906	1620	749	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{749}^{2}\ \Phi_{107}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
117907	1620	910	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{910}^{2}\ \Phi_{455}^{2}\ \Phi_{182}^{2}\ \Phi_{130}^{3}\ \Phi_{65}^{3}\ \Phi_{26}^{3}$
117908	1620	1744	$\frac{1}{16}$	$\frac{13}{109}$	$\frac{16}{109}$	$\frac{31}{109}$	$\Phi_{1744}\ \Phi_{872}\ \Phi_{436}\ \Phi_{218}$
117909	1620	1619	$\frac{116}{1619}$	$\frac{167}{1619}$	$\frac{242}{1619}$	$\frac{459}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117910	1620	1619	$\frac{43}{1619}$	$\frac{245}{1619}$	$\frac{394}{1619}$	$\frac{458}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117911	1620	1619	$\frac{129}{1619}$	$\frac{149}{1619}$	$\frac{245}{1619}$	$\frac{458}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117912	1620	1702	$\frac{1}{37}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{1702}\ \Phi_{851}\ \Phi_{74}$
117913	1620	1793	$\frac{13}{163}$	$\frac{1}{11}$	$\frac{25}{163}$	$\frac{46}{163}$	Φ_{1793}
117914	1620	1810	$\frac{13}{181}$	$\frac{1}{10}$	$\frac{28}{181}$	$\frac{51}{181}$	$\Phi_{1810}\ \Phi_{905}\ \Phi_{362}$
117915	1620	1619	$\frac{95}{1619}$	$\frac{194}{1619}$	$\frac{254}{1619}$	$\frac{455}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117916	1620	1897	$\frac{13}{271}$	$\frac{1}{7}$	$\frac{43}{271}$	$\frac{76}{271}$	Φ_{1897}
117917	1620	1619	$\frac{77}{1619}$	$\frac{233}{1619}$	$\frac{257}{1619}$	$\frac{454}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117918	1620	775	$\frac{1}{31}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{775}^{2}\ \Phi_{155}^{3}\ \Phi_{31}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
117919	1620	150	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{7}{25}$	$\Phi_{150}^{13}\ \Phi_{75}^{13}\ \Phi_{50}^{13}\ \Phi_{30}^{13}\ \Phi_{15}^{13}\ \Phi_{10}^{13}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}$
117920	1620	1619	$\frac{41}{1619}$	$\frac{263}{1619}$	$\frac{389}{1619}$	$\frac{452}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117921	1620	2164	$\frac{13}{541}$	$\frac{88}{541}$	$\frac{1}{4}$	$\frac{151}{541}$	$\Phi_{2164}\ \Phi_{1082}$
117922	1620	1708	$\frac{1}{28}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	$\Phi_{1708}\ \Phi_{854}\ \Phi_{427}\ \Phi_{244}\ \Phi_{122}$
117923	1620	1619	$\frac{65}{1619}$	$\frac{259}{1619}$	$\frac{272}{1619}$	$\frac{449}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117924	1620	1729	$\frac{1}{19}$	$\frac{11}{91}$	$\frac{16}{91}$	$\frac{25}{91}$	$\Phi_{1729}\ \Phi_{247}\ \Phi_{133}$
117925	1620	1619	$\frac{98}{1619}$	$\frac{169}{1619}$	$\frac{290}{1619}$	$\frac{443}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117926	1620	1012	$\frac{1}{46}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{1012}^{2}\ \Phi_{506}\ \Phi_{253}\ \Phi_{92}^{4}\ \Phi_{46}^{2}\ \Phi_{44}\ \Phi_{23}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
117927	1620	737	$\frac{2}{67}$	$\frac{2}{11}$	$\frac{13}{67}$	$\frac{3}{11}$	$\Phi_{737}^{2}\ \Phi_{67}^{4}\ \Phi_{11}^{3}\ \Phi_{1}^{6}$
117928	1620	924	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}\ \Phi_{231}^{2}\ \Phi_{154}\ \Phi_{132}^{2}\ \Phi_{84}^{4}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}^{4}\ \Phi_{33}\ \Phi_{28}^{2}\ \Phi_{21}^{4}\ \Phi_{14}^{2}\ \Phi_{12}^{4}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
117929	1620	737	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{737}^{2}\ \Phi_{67}^{4}\ \Phi_{11}^{3}\ \Phi_{1}^{6}$
117930	1620	880	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{880}^{2}\ \Phi_{440}^{2}\ \Phi_{220}^{2}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}^{4}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
117931	1620	1768	$\frac{1}{13}$	$\frac{11}{136}$	$\frac{25}{136}$	$\frac{37}{136}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{442}\ \Phi_{221}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
117932	1620	1619	$\frac{124}{1619}$	$\frac{131}{1619}$	$\frac{299}{1619}$	$\frac{440}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117933	1620	1810	$\frac{11}{181}$	$\frac{1}{10}$	$\frac{34}{181}$	$\frac{49}{181}$	$\Phi_{1810}\ \Phi_{905}\ \Phi_{362}$
117934	1620	1702	$\frac{1}{46}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{1702}\ \Phi_{851}\ \Phi_{74}$
117935	1620	1619	$\frac{79}{1619}$	$\frac{197}{1619}$	$\frac{308}{1619}$	$\frac{437}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117936	1620	1897	$\frac{11}{271}$	$\frac{1}{7}$	$\frac{52}{271}$	$\frac{73}{271}$	Φ_{1897}
117937	1620	1619	$\frac{49}{1619}$	$\frac{296}{1619}$	$\frac{314}{1619}$	$\frac{435}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117938	1620	2030	$\frac{11}{406}$	$\frac{79}{406}$	$\frac{1}{5}$	$\frac{109}{406}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{290}\ \Phi_{145}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
117939	1620	1619	$\frac{34}{1619}$	$\frac{317}{1619}$	$\frac{395}{1619}$	$\frac{434}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117940	1620	2164	$\frac{11}{541}$	$\frac{106}{541}$	$\frac{1}{4}$	$\frac{145}{541}$	$\Phi_{2164}\ \Phi_{1082}$
117941	1620	1619	$\frac{44}{1619}$	$\frac{315}{1619}$	$\frac{326}{1619}$	$\frac{431}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117942	1620	1708	$\frac{1}{28}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{1708}\ \Phi_{854}\ \Phi_{427}\ \Phi_{244}\ \Phi_{122}$
117943	1620	1619	$\frac{80}{1619}$	$\frac{171}{1619}$	$\frac{362}{1619}$	$\frac{419}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117944	1620	1744	$\frac{1}{16}$	$\frac{9}{109}$	$\frac{25}{109}$	$\frac{28}{109}$	$\Phi_{1744}\ \Phi_{872}\ \Phi_{436}\ \Phi_{218}$
117945	1620	1619	$\frac{99}{1619}$	$\frac{134}{1619}$	$\frac{380}{1619}$	$\frac{413}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117946	1620	1810	$\frac{9}{181}$	$\frac{1}{10}$	$\frac{43}{181}$	$\frac{46}{181}$	$\Phi_{1810}\ \Phi_{905}\ \Phi_{362}$
117947	1620	1619	$\frac{51}{1619}$	$\frac{242}{1619}$	$\frac{392}{1619}$	$\frac{409}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117948	1620	1950	$\frac{9}{325}$	$\frac{1}{6}$	$\frac{79}{325}$	$\frac{82}{325}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{390}\ \Phi_{195}\ \Phi_{150}\ \Phi_{130}\ \Phi_{78}\ \Phi_{75}\ \Phi_{50}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{10}$
117949	1620	1619	$\frac{27}{1619}$	$\frac{398}{1619}$	$\frac{404}{1619}$	$\frac{407}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
117950	1620	2164	$\frac{9}{541}$	$\frac{133}{541}$	$\frac{1}{4}$	$\frac{136}{541}$	$\Phi_{2164}\ \Phi_{1082}$
117951	1620	244	$\frac{1}{61}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{244}^{7}\ \Phi_{122}^{7}\ \Phi_{61}^{6}$
117952	1620	716	$\frac{3}{179}$	$\frac{44}{179}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{716}^{2}\ \Phi_{358}^{2}\ \Phi_{179}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
117953	1620	460	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{460}^{4}\ \Phi_{230}^{5}\ \Phi_{115}^{5}\ \Phi_{20}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
117954	1620	716	$\frac{4}{179}$	$\frac{35}{179}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{716}^{2}\ \Phi_{358}^{2}\ \Phi_{179}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
117955	1620	444	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{444}^{4}\ \Phi_{222}^{5}\ \Phi_{148}^{2}\ \Phi_{111}^{5}\ \Phi_{74}^{3}\ \Phi_{37}^{2}$
117956	1620	716	$\frac{5}{179}$	$\frac{29}{179}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{716}^{2}\ \Phi_{358}^{2}\ \Phi_{179}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
117957	1620	868	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{868}^2\ \Phi_{434}^2\ \Phi_{217}^3$
117958	1620	716	$\frac{8}{179}$	$\frac{19}{179}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{716}^2\ \Phi_{358}^2\ \Phi_{179}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
117959	1620	420	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{420}^4\ \Phi_{210}^5\ \Phi_{140}^4\ \Phi_{105}^5\ \Phi_{84}^2\ \Phi_{70}^5\ \Phi_{60}^4\ \Phi_{42}^3\ \Phi_{35}^5\ \Phi_{30}^5\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{15}^5\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{3}^2$
117960	1620	716	$\frac{9}{179}$	$\frac{17}{179}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{716}^2\ \Phi_{358}^2\ \Phi_{179}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
117961	1620	836	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{836}^2\ \Phi_{418}^2\ \Phi_{209}^3$
117962	1620	716	$\frac{11}{179}$	$\frac{14}{179}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{716}^2\ \Phi_{358}^2\ \Phi_{179}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
117963	1620	208	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{208}^9\ \Phi_{104}^9\ \Phi_{52}^7\ \Phi_{26}^7\ \Phi_{13}^6$
117964	1620	1284	$\frac{3}{107}$	$\frac{1}{6}$	$\frac{26}{107}$	$\frac{1}{4}$	$\Phi_{1284}^2\ \Phi_{642}\ \Phi_{428}\ \Phi_{321}\ \Phi_{107}\ \Phi_{12}^4\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
117965	1620	2164	$\frac{17}{541}$	$\frac{82}{541}$	$\frac{131}{541}$	$\frac{1}{4}$	$\Phi_{2164}\ \Phi_{1082}$
117966	1620	1180	$\frac{3}{59}$	$\frac{1}{10}$	$\frac{14}{59}$	$\frac{1}{4}$	$\Phi_{1180}^2\ \Phi_{590}\ \Phi_{295}\ \Phi_{236}\ \Phi_{59}\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
117967	1620	2164	$\frac{33}{541}$	$\frac{46}{541}$	$\frac{127}{541}$	$\frac{1}{4}$	$\Phi_{2164}\ \Phi_{1082}$
117968	1620	2288	$\frac{3}{44}$	$\frac{1}{13}$	$\frac{41}{176}$	$\frac{1}{4}$	$\Phi_{2288}\ \Phi_{1144}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
117969	1620	560	$\frac{1}{16}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^2\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{16}^6\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{8}^6\ \Phi_{7}^3\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
117970	1620	2164	$\frac{28}{541}$	$\frac{57}{541}$	$\frac{121}{541}$	$\frac{1}{4}$	$\Phi_{2164}\ \Phi_{1082}$
117971	1620	532	$\frac{1}{28}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{532}^3\ \Phi_{266}^3\ \Phi_{133}^3\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{28}^6\ \Phi_{19}^3\ \Phi_{14}^6\ \Phi_{7}^6\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
117972	1620	2164	$\frac{16}{541}$	$\frac{105}{541}$	$\frac{109}{541}$	$\frac{1}{4}$	$\Phi_{2164}\ \Phi_{1082}$
117973	1620	1340	$\frac{2}{67}$	$\frac{13}{67}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1340}^2\ \Phi_{670}^2\ \Phi_{20}^3\ \Phi_{10}^3$
117974	1620	420	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^6\ \Phi_{210}^6\ \Phi_{140}^3\ \Phi_{105}^6\ \Phi_{70}^3\ \Phi_{60}^4\ \Phi_{35}^3\ \Phi_{30}^5\ \Phi_{20}^2\ \Phi_{15}^5\ \Phi_{10}^3\ \Phi_{5}^2$
117975	1620	1340	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1340}^2\ \Phi_{670}^2\ \Phi_{20}^3\ \Phi_{10}^3$
117976	1620	80	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{80}^{21}\ \Phi_{40}^{21}\ \Phi_{20}^{14}\ \Phi_{16}^{24}\ \Phi_{10}^{18}\ \Phi_{8}^{24}\ \Phi_{5}^{17}\ \Phi_{4}^{16}\ \Phi_{2}^{20}\ \Phi_{1}^{20}$
117977	1620	2492	$\frac{4}{89}$	$\frac{1}{7}$	$\frac{17}{89}$	$\frac{1}{4}$	$\Phi_{2492}\ \Phi_{1246}\ \Phi_{28}^2\ \Phi_{14}^2$
117978	1620	2164	$\frac{26}{541}$	$\frac{73}{541}$	$\frac{103}{541}$	$\frac{1}{4}$	$\Phi_{2164}\ \Phi_{1082}$
117979	1620	1180	$\frac{4}{59}$	$\frac{1}{10}$	$\frac{11}{59}$	$\frac{1}{4}$	$\Phi_{1180}^2\ \Phi_{590}\ \Phi_{295}\ \Phi_{236}\ \Phi_{59}\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
117980	1620	2164	$\frac{41}{541}$	$\frac{49}{541}$	$\frac{100}{541}$	$\frac{1}{4}$	$\Phi_{2164}\ \Phi_{1082}$
117981	1620	572	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{4}$	$\Phi_{572}^4\ \Phi_{286}^4\ \Phi_{52}^5\ \Phi_{26}^5$
117982	1620	2164	$\frac{37}{541}$	$\frac{56}{541}$	$\frac{97}{541}$	$\frac{1}{4}$	$\Phi_{2164}\ \Phi_{1082}$
117983	1620	2204	$\frac{1}{19}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\Phi_{2204}\ \Phi_{1102}\ \Phi_{76}^2\ \Phi_{38}^2$
117984	1620	2164	$\frac{25}{541}$	$\frac{86}{541}$	$\frac{91}{541}$	$\frac{1}{4}$	$\Phi_{2164}\ \Phi_{1082}$
117985	1620	1284	$\frac{5}{107}$	$\frac{17}{107}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1284}^2\ \Phi_{642}\ \Phi_{428}\ \Phi_{321}\ \Phi_{107}\ \Phi_{12}^4\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
117986	1620	1596	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1596}^2\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{133}$
117987	1620	1284	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1284}^2\ \Phi_{642}\ \Phi_{428}\ \Phi_{321}\ \Phi_{107}\ \Phi_{12}^4\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
117988	1620	780	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{780}^4\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
117989	1620	2492	$\frac{5}{89}$	$\frac{1}{7}$	$\frac{14}{89}$	$\frac{1}{4}$	$\Phi_{2492}\ \Phi_{1246}\ \Phi_{28}^2\ \Phi_{14}^2$
117990	1620	2164	$\frac{31}{541}$	$\frac{76}{541}$	$\frac{85}{541}$	$\frac{1}{4}$	$\Phi_{2164}\ \Phi_{1082}$
117991	1620	1180	$\frac{5}{59}$	$\frac{1}{10}$	$\frac{9}{59}$	$\frac{1}{4}$	$\Phi_{1180}^2\ \Phi_{590}\ \Phi_{295}\ \Phi_{236}\ \Phi_{59}\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
117992	1620	2164	$\frac{49}{541}$	$\frac{51}{541}$	$\frac{82}{541}$	$\frac{1}{4}$	$\Phi_{2164}\ \Phi_{1082}$
117993	1620	2332	$\frac{1}{11}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{4}$	$\Phi_{2332}\ \Phi_{1166}\ \Phi_{44}^2\ \Phi_{22}^2$
117994	1620	2164	$\frac{46}{541}$	$\frac{55}{541}$	$\frac{81}{541}$	$\frac{1}{4}$	$\Phi_{2164}\ \Phi_{1082}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
117995	1620	112	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{112}^{15}\ \Phi_{56}^{15}\ \Phi_{28}^{10}\ \Phi_{16}^{18}\ \Phi_{14}^{10}\ \Phi_{8}^{18}\ \Phi_{7}^{15}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{18}$
117996	1620	2492	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2492}\ \Phi_{1246}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
117997	1620	1540	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{1540}^{2}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{77}$
117998	1620	300	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{19}{100}$	$\frac{6}{25}$	$\Phi_{300}^{8}\ \Phi_{150}^{5}\ \Phi_{100}^{4}\ \Phi_{75}^{5}\ \Phi_{60}^{8}\ \Phi_{50}\ \Phi_{30}^{5}\ \Phi_{25}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{5}\ \Phi_{12}^{8}\ \Phi_{10}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
117999	1620	2660	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{127}{532}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{380}\ \Phi_{190}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
118000	1620	2240	$\frac{1}{14}$	$\frac{43}{448}$	$\frac{1}{5}$	$\frac{13}{56}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
118001	1620	546	$\frac{1}{13}$	$\frac{10}{91}$	$\frac{1}{6}$	$\frac{3}{13}$	$\Phi_{546}^{4}\ \Phi_{273}^{4}\ \Phi_{182}^{4}\ \Phi_{78}\ \Phi_{42}^{4}\ \Phi_{39}\ \Phi_{26}\ \Phi_{21}^{4}\ \Phi_{14}^{4}$
118002	1620	385	$\frac{3}{35}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{8}{35}$	$\Phi_{385}^{4}\ \Phi_{77}^{4}\ \Phi_{55}^{4}\ \Phi_{35}^{5}\ \Phi_{11}^{8}\ \Phi_{7}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{10}$
118003	1620	210	$\frac{3}{35}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{8}{35}$	$\Phi_{210}^{9}\ \Phi_{105}^{9}\ \Phi_{70}^{4}\ \Phi_{42}^{9}\ \Phi_{35}^{5}\ \Phi_{30}^{11}\ \Phi_{21}^{9}\ \Phi_{15}^{11}\ \Phi_{14}^{4}\ \Phi_{10}^{5}\ \Phi_{7}^{5}\ \Phi_{6}^{10}\ \Phi_{5}^{6}\ \Phi_{3}^{10}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
118004	1620	1619	$\frac{139}{1619}$	$\frac{147}{1619}$	$\frac{296}{1619}$	$\frac{368}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
118005	1620	1810	$\frac{17}{181}$	$\frac{1}{10}$	$\frac{28}{181}$	$\frac{41}{181}$	$\Phi_{1810}\ \Phi_{905}\ \Phi_{362}$
118006	1620	1619	$\frac{152}{1619}$	$\frac{163}{1619}$	$\frac{251}{1619}$	$\frac{364}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
118007	1620	1950	$\frac{28}{325}$	$\frac{33}{325}$	$\frac{1}{6}$	$\frac{73}{325}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{390}\ \Phi_{195}\ \Phi_{150}\ \Phi_{130}\ \Phi_{78}\ \Phi_{75}\ \Phi_{50}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{10}$
118008	1620	290	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{1}{5}$	$\frac{13}{58}$	$\Phi_{290}^{9}\ \Phi_{145}^{5}\ \Phi_{10}^{9}\ \Phi_{5}^{4}$
118009	1620	312	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{6}$	$\frac{23}{104}$	$\Phi_{312}^{8}\ \Phi_{156}^{8}\ \Phi_{104}^{4}\ \Phi_{78}\ \Phi_{52}^{4}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}^{8}\ \Phi_{12}^{8}\ \Phi_{8}^{4}\ \Phi_{4}^{4}$
118010	1620	416	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{7}{32}$	$\Phi_{416}^{4}\ \Phi_{208}^{4}\ \Phi_{104}^{5}\ \Phi_{52}^{5}\ \Phi_{26}^{5}\ \Phi_{13}^{4}$
118011	1620	1064	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{1064}^{2}\ \Phi_{532}^{2}\ \Phi_{152}^{2}\ \Phi_{133}\ \Phi_{76}^{2}$
118012	1620	1615	$\frac{4}{85}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{1615}\ \Phi_{323}\ \Phi_{85}^{2}\ \Phi_{19}\ \Phi_{17}^{2}\ \Phi_{1}^{2}$
118013	1620	1900	$\frac{1}{20}$	$\frac{3}{19}$	$\frac{19}{100}$	$\frac{4}{19}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{475}\ \Phi_{100}^{2}\ \Phi_{50}^{2}\ \Phi_{25}^{2}\ \Phi_{19}\ \Phi_{1}^{2}$
118014	1620	608	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{608}^{3}\ \Phi_{304}^{2}\ \Phi_{152}^{2}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{32}^{6}\ \Phi_{19}^{3}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
118015	1620	1672	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{418}\ \Phi_{209}\ \Phi_{88}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{19}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
118016	1620	190	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{190}^{8}\ \Phi_{95}^{8}\ \Phi_{38}^{8}\ \Phi_{19}^{9}\ \Phi_{10}^{16}\ \Phi_{5}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
118017	1620	442	$\frac{1}{13}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{34}$	$\Phi_{442}^{5}\ \Phi_{221}^{3}\ \Phi_{26}^{5}\ \Phi_{13}^{2}$
118018	1620	1619	$\frac{143}{1619}$	$\frac{164}{1619}$	$\frac{291}{1619}$	$\frac{332}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
118019	1620	1810	$\frac{16}{181}$	$\frac{1}{10}$	$\frac{33}{181}$	$\frac{37}{181}$	$\Phi_{1810}\ \Phi_{905}\ \Phi_{362}$
118020	1620	510	$\frac{4}{85}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{510}^{4}\ \Phi_{255}^{4}\ \Phi_{170}^{4}\ \Phi_{102}^{4}\ \Phi_{51}^{4}\ \Phi_{34}^{4}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
118021	1620	300	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{19}{100}$	$\frac{1}{5}$	$\Phi_{300}^{8}\ \Phi_{150}^{8}\ \Phi_{100}^{4}\ \Phi_{75}^{8}\ \Phi_{50}^{4}\ \Phi_{30}\ \Phi_{25}^{4}\ \Phi_{15}\ \Phi_{10}$
118022	1620	110	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{1}{5}$	$\Phi_{110}^{16}\ \Phi_{55}^{12}\ \Phi_{22}^{16}\ \Phi_{11}^{16}\ \Phi_{10}^{20}\ \Phi_{5}^{15}\ \Phi_{2}^{20}\ \Phi_{1}^{20}$
118023	1620	2030	$\frac{37}{406}$	$\frac{41}{406}$	$\frac{73}{406}$	$\frac{1}{5}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{290}\ \Phi_{145}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
118024	1620	490	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{17}{98}$	$\frac{1}{5}$	$\Phi_{490}^{4}\ \Phi_{245}^{4}\ \Phi_{70}^{5}\ \Phi_{35}^{5}\ \Phi_{10}^{5}\ \Phi_{5}^{4}$
118025	1620	480	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{480}^{6}\ \Phi_{240}^{4}\ \Phi_{160}^{3}\ \Phi_{120}^{4}\ \Phi_{80}^{2}\ \Phi_{60}^{4}\ \Phi_{40}^{2}\ \Phi_{30}^{5}\ \Phi_{20}^{2}\ \Phi_{15}^{5}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
118026	1620	1320	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{440}\ \Phi_{330}^{2}\ \Phi_{220}\ \Phi_{165}^{2}\ \Phi_{110}\ \Phi_{55}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
118027	1620	30	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{30}^{65}\ \Phi_{15}^{65}\ \Phi_{10}^{33}\ \Phi_{6}^{64}\ \Phi_{5}^{32}\ \Phi_{3}^{64}\ \Phi_{2}^{32}\ \Phi_{1}^{32}$
118028	1620	77	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{11}$	$\Phi_{77}^{20}\ \Phi_{11}^{24}\ \Phi_{7}^{25}\ \Phi_{1}^{30}$
118029	1620	1619	$\frac{154}{1619}$	$\frac{221}{1619}$	$\frac{233}{1619}$	$\frac{293}{1619}$	$\Phi_{1619}\ \Phi_{1}^{2}$
118030	1620	1897	$\frac{26}{271}$	$\frac{37}{271}$	$\frac{1}{7}$	$\frac{49}{271}$	Φ_{1897}
118031	1620	1537	$\frac{5}{53}$	$\frac{4}{29}$	$\frac{8}{53}$	$\frac{5}{29}$	$\Phi_{1537}\ \Phi_{53}^{2}\ \Phi_{29}^{2}\ \Phi_{1}^{4}$
118032	1620	2030	$\frac{1}{10}$	$\frac{4}{29}$	$\frac{1}{7}$	$\frac{5}{29}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{406}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{14}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
118033	1620	1619	$\frac{149}{1619}$	$\frac{229}{1619}$	$\frac{245}{1619}$	$\frac{278}{1619}$	$\Phi_{1619}\ \Phi_1^2$
118034	1620	1810	$\frac{1}{10}$	$\frac{25}{181}$	$\frac{26}{181}$	$\frac{31}{181}$	$\Phi_{1810}\ \Phi_{905}\ \Phi_{362}$
118035	1620	1619	$\frac{155}{1619}$	$\frac{224}{1619}$	$\frac{244}{1619}$	$\frac{275}{1619}$	$\Phi_{1619}\ \Phi_1^2$
118036	1620	1897	$\frac{25}{271}$	$\frac{1}{7}$	$\frac{41}{271}$	$\frac{46}{271}$	Φ_{1897}
118037	1620	390	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{6}$	$\frac{11}{65}$	$\Phi_{390}^6\ \Phi_{195}^6\ \Phi_{130}^6\ \Phi_{78}\ \Phi_{39}\ \Phi_{30}^6\ \Phi_{26}\ \Phi_{15}^6\ \Phi_{10}^6$
118038	1620	2226	$\frac{5}{53}$	$\frac{1}{7}$	$\frac{8}{53}$	$\frac{1}{6}$	$\Phi_{2226}\ \Phi_{1113}\ \Phi_{742}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
118039	1620	1950	$\frac{31}{325}$	$\frac{46}{325}$	$\frac{49}{325}$	$\frac{1}{6}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{390}\ \Phi_{195}\ \Phi_{150}\ \Phi_{130}\ \Phi_{78}\ \Phi_{75}\ \Phi_{50}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{10}$
118040	1620	210	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{210}^{10}\ \Phi_{105}^{10}\ \Phi_{70}^5\ \Phi_{42}^5\ \Phi_{35}^5\ \Phi_{30}^{12}\ \Phi_{21}^5\ \Phi_{15}^{12}\ \Phi_{10}^6\ \Phi_7^5\ \Phi_6^6\ \Phi_5^6\ \Phi_3^6\ \Phi_1^6$
118041	1621	2592	$\frac{1}{324}$	$\frac{325}{1296}$	$\frac{971}{2592}$	$\frac{323}{648}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{648}\ \Phi_{288}\ \Phi_{216}\ \Phi_{96}\ \Phi_{72}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
118042	1621	3232	$\frac{5}{1616}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1611}{3232}$	$\Phi_{3232}\ \Phi_{32}\ \Phi_8\ \Phi_1$
118043	1621	2880	$\frac{1}{180}$	$\frac{181}{1440}$	$\frac{1259}{2880}$	$\frac{179}{360}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{360}\ \Phi_{320}\ \Phi_{192}\ \Phi_{120}\ \Phi_{72}\ \Phi_{64}\ \Phi_{40}\ \Phi_{24}\ \Phi_8\ \Phi_1$
118044	1621	2160	$\frac{1}{180}$	$\frac{539}{2160}$	$\frac{181}{720}$	$\frac{179}{360}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
118045	1621	3216	$\frac{13}{1608}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1595}{3216}$	$\Phi_{3216}\ \Phi_{1072}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
118046	1621	3024	$\frac{1}{108}$	$\frac{109}{1512}$	$\frac{1403}{3024}$	$\frac{107}{216}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{216}\ \Phi_{144}\ \Phi_{112}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
118047	1621	1950	$\frac{4}{325}$	$\frac{329}{1950}$	$\frac{1}{5}$	$\frac{321}{650}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{390}\ \Phi_{325}\ \Phi_{195}\ \Phi_{150}\ \Phi_{78}\ \Phi_{75}\ \Phi_{65}\ \Phi_{39}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{13}\ \Phi_6\ \Phi_3\ \Phi_1$
118048	1621	1856	$\frac{3}{232}$	$\frac{235}{1856}$	$\frac{1}{4}$	$\frac{229}{464}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{232}\ \Phi_{116}\ \Phi_{64}\ \Phi_{58}\ \Phi_{32}\ \Phi_{29}\ \Phi_8\ \Phi_1$
118049	1621	3200	$\frac{21}{1600}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{1579}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{128}\ \Phi_{40}\ \Phi_8\ \Phi_1$
118050	1621	3200	$\frac{21}{1600}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1579}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{128}\ \Phi_{25}\ \Phi_1$
118051	1621	3192	$\frac{25}{1596}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1571}{3192}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{168}\ \Phi_{152}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
118052	1621	3120	$\frac{1}{60}$	$\frac{61}{1560}$	$\frac{1499}{3120}$	$\frac{59}{120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{120}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
118053	1621	3168	$\frac{37}{1584}$	$\frac{1}{36}$	$\frac{35}{72}$	$\frac{1547}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{96}\ \Phi_{72}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
118054	1621	3168	$\frac{37}{1584}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1547}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
118055	1621	2376	$\frac{1}{36}$	$\frac{37}{792}$	$\frac{755}{2376}$	$\frac{35}{72}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
118056	1621	1728	$\frac{1}{36}$	$\frac{107}{1728}$	$\frac{37}{144}$	$\frac{35}{72}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
118057	1621	1750	$\frac{4}{125}$	$\frac{129}{1750}$	$\frac{1}{5}$	$\frac{121}{250}$	$\Phi_{1750}\ \Phi_{875}\ \Phi_{350}\ \Phi_{175}\ \Phi_{125}\ \Phi_{70}\ \Phi_{35}\ \Phi_{25}\ \Phi_{14}\ \Phi_7\ \Phi_1$
118058	1621	3136	$\frac{53}{1568}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{1515}{3136}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
118059	1621	3120	$\frac{61}{1560}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{1499}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{80}\ \Phi_{65}\ \Phi_{48}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
118060	1621	2400	$\frac{21}{800}$	$\frac{1}{20}$	$\frac{779}{2400}$	$\frac{19}{40}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
118061	1621	1680	$\frac{59}{1680}$	$\frac{1}{20}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
118062	1621	2000	$\frac{1}{20}$	$\frac{21}{400}$	$\frac{379}{2000}$	$\frac{19}{40}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{40}\ \Phi_8\ \Phi_1$
118063	1621	1920	$\frac{1}{20}$	$\frac{21}{320}$	$\frac{299}{1920}$	$\frac{19}{40}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
118064	1621	1760	$\frac{1}{20}$	$\frac{139}{1760}$	$\frac{21}{160}$	$\frac{19}{40}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
118065	1621	1800	$\frac{1}{20}$	$\frac{179}{1800}$	$\frac{21}{200}$	$\frac{19}{40}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
118066	1621	1680	$\frac{59}{1680}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
118067	1621	3072	$\frac{85}{1536}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1451}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
118068	1621	1690	$\frac{69}{1690}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{1690}\ \Phi_{845}\ \Phi_{338}\ \Phi_{169}\ \Phi_{65}\ \Phi_{13}\ \Phi_{1}$
118069	1621	3024	$\frac{1}{18}$	$\frac{109}{1512}$	$\frac{17}{126}$	$\frac{1403}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
118070	1621	1872	$\frac{1}{18}$	$\frac{17}{234}$	$\frac{251}{1872}$	$\frac{217}{468}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
118071	1621	3016	$\frac{3}{116}$	$\frac{113}{1508}$	$\frac{1}{4}$	$\frac{1395}{3016}$	$\Phi_{3016}\ \Phi_{232}\ \Phi_{116}\ \Phi_{104}\ \Phi_{58}\ \Phi_{29}\ \Phi_{8}\ \Phi_{1}$
118072	1621	3000	$\frac{4}{125}$	$\frac{121}{1500}$	$\frac{1}{5}$	$\frac{1379}{3000}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{200}\ \Phi_{125}\ \Phi_{120}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
118073	1621	3000	$\frac{1}{30}$	$\frac{121}{1500}$	$\frac{29}{150}$	$\frac{1379}{3000}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
118074	1621	1980	$\frac{1}{30}$	$\frac{29}{330}$	$\frac{359}{1980}$	$\frac{301}{660}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{55}\ \Phi_{45}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
118075	1621	2916	$\frac{1}{81}$	$\frac{163}{1458}$	$\frac{80}{243}$	$\frac{1295}{2916}$	$\Phi_{2916}\ \Phi_{972}\ \Phi_{324}\ \Phi_{243}\ \Phi_{108}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
118076	1621	1728	$\frac{107}{1728}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{85}{192}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
118077	1621	2880	$\frac{1}{60}$	$\frac{181}{1440}$	$\frac{59}{240}$	$\frac{1259}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
118078	1621	1764	$\frac{1}{18}$	$\frac{143}{1764}$	$\frac{17}{126}$	$\frac{109}{252}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{63}\ \Phi_{49}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
118079	1621	2856	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{193}{1428}$	$\frac{1235}{2856}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{204}\ \Phi_{168}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{56}\ \Phi_{51}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
118080	1621	2268	$\frac{1}{81}$	$\frac{80}{567}$	$\frac{647}{2268}$	$\frac{487}{1134}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{567}\ \Phi_{324}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
118081	1621	2808	$\frac{1}{18}$	$\frac{17}{234}$	$\frac{217}{1404}$	$\frac{1187}{2808}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{312}\ \Phi_{234}\ \Phi_{216}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
118082	1621	1650	$\frac{29}{1650}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{330}\ \Phi_{275}\ \Phi_{165}\ \Phi_{150}\ \Phi_{110}\ \Phi_{75}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}\ \Phi_{25}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
118083	1621	2784	$\frac{3}{232}$	$\frac{229}{1392}$	$\frac{1}{4}$	$\frac{1163}{2784}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{232}\ \Phi_{116}\ \Phi_{96}\ \Phi_{58}\ \Phi_{32}\ \Phi_{29}\ \Phi_{8}\ \Phi_{1}$
118084	1621	1800	$\frac{1}{30}$	$\frac{179}{1800}$	$\frac{29}{150}$	$\frac{121}{300}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
118085	1621	2640	$\frac{1}{30}$	$\frac{29}{330}$	$\frac{301}{1320}$	$\frac{1019}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{330}\ \Phi_{240}\ \Phi_{176}\ \Phi_{165}\ \Phi_{110}\ \Phi_{80}\ \Phi_{66}\ \Phi_{55}\ \Phi_{48}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
118086	1621	1920	$\frac{1}{60}$	$\frac{299}{1920}$	$\frac{59}{240}$	$\frac{181}{480}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
118087	1621	2600	$\frac{4}{325}$	$\frac{1}{5}$	$\frac{321}{1300}$	$\frac{979}{2600}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{325}\ \Phi_{200}\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}\ \Phi_{25}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
118088	1621	2424	$\frac{5}{808}$	$\frac{1}{4}$	$\frac{803}{2424}$	$\frac{3}{8}$	$\Phi_{2424}\ \Phi_{1212}\ \Phi_{606}\ \Phi_{303}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
118089	1621	1632	$\frac{11}{1632}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{96}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{32}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
118090	1621	2592	$\frac{1}{108}$	$\frac{107}{432}$	$\frac{325}{1296}$	$\frac{971}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
118091	1621	2520	$\frac{1}{60}$	$\frac{59}{420}$	$\frac{361}{1260}$	$\frac{899}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{72}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
118092	1621	2448	$\frac{11}{408}$	$\frac{1}{12}$	$\frac{397}{1224}$	$\frac{827}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{144}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
118093	1621	1944	$\frac{1}{81}$	$\frac{323}{1944}$	$\frac{80}{243}$	$\frac{163}{486}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
118094	1621	2187	$\frac{1}{81}$	$\frac{163}{729}$	$\frac{566}{2187}$	$\frac{80}{243}$	$\Phi_{2187}\ \Phi_{243}\ \Phi_{1}$
118095	1621	2088	$\frac{3}{232}$	$\frac{467}{2088}$	$\frac{1}{4}$	$\frac{229}{696}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{522}\ \Phi_{261}\ \Phi_{232}\ \Phi_{116}\ \Phi_{72}\ \Phi_{58}\ \Phi_{36}\ \Phi_{29}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
118096	1621	2400	$\frac{21}{800}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{779}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
118097	1621	1875	$\frac{4}{125}$	$\frac{254}{1875}$	$\frac{1}{5}$	$\frac{121}{375}$	$\Phi_{1875}\ \Phi_{625}\ \Phi_{125}\ \Phi_{25}\ \Phi_{1}$
118098	1621	1755	$\frac{4}{65}$	$\frac{134}{1755}$	$\frac{1}{5}$	$\frac{61}{195}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{135}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}\ \Phi_{27}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
118099	1621	2352	$\frac{3}{56}$	$\frac{53}{784}$	$\frac{1}{4}$	$\frac{731}{2352}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
118100	1621	2106	$\frac{1}{18}$	$\frac{17}{234}$	$\frac{485}{2106}$	$\frac{217}{702}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{234}\ \Phi_{162}\ \Phi_{117}\ \Phi_{81}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
118101	1621	2340	$\frac{4}{65}$	$\frac{61}{780}$	$\frac{1}{5}$	$\frac{719}{2340}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{234}\ \Phi_{180}\ \Phi_{117}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
118102	1621	1680	$\frac{59}{1680}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
118103	1621	2304	$\frac{1}{12}$	$\frac{85}{768}$	$\frac{11}{96}$	$\frac{683}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
118104	1621	1890	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{269}{1890}$	$\frac{109}{378}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{135}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
118105	1621	2268	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{109}{756}$	$\frac{647}{2268}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{162}\ \Phi_{126}\ \Phi_{81}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
118106	1621	2250	$\frac{4}{125}$	$\frac{121}{750}$	$\frac{1}{5}$	$\frac{629}{2250}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{450}\ \Phi_{225}\ \Phi_{125}\ \Phi_{90}\ \Phi_{45}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
118107	1621	2250	$\frac{1}{30}$	$\frac{121}{750}$	$\frac{29}{150}$	$\frac{629}{2250}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{45}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
118108	1621	1728	$\frac{107}{1728}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{144}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
118109	1621	2160	$\frac{1}{60}$	$\frac{59}{240}$	$\frac{539}{2160}$	$\frac{181}{720}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
118110	1621	2128	$\frac{25}{532}$	$\frac{3}{28}$	$\frac{507}{2128}$	$\frac{1}{4}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{304}\ \Phi_{152}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
118111	1621	1792	$\frac{3}{56}$	$\frac{171}{1792}$	$\frac{53}{224}$	$\frac{1}{4}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
118112	1621	1960	$\frac{3}{56}$	$\frac{53}{392}$	$\frac{339}{1960}$	$\frac{1}{4}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{280}\ \Phi_{245}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
118113	1621	2000	$\frac{4}{125}$	$\frac{379}{2000}$	$\frac{1}{5}$	$\frac{121}{500}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{400}\ \Phi_{200}\ \Phi_{125}\ \Phi_{80}\ \Phi_{40}\ \Phi_{25}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
118114	1621	1820	$\frac{4}{65}$	$\frac{199}{1820}$	$\frac{1}{5}$	$\frac{61}{260}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{182}\ \Phi_{140}\ \Phi_{91}\ \Phi_{70}\ \Phi_{65}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}$
118115	1621	2112	$\frac{37}{528}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{491}{2112}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
118116	1621	1920	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{299}{1920}$	$\frac{85}{384}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
118117	1621	2080	$\frac{4}{65}$	$\frac{61}{520}$	$\frac{1}{5}$	$\frac{459}{2080}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{416}\ \Phi_{208}\ \Phi_{160}\ \Phi_{80}\ \Phi_{65}\ \Phi_{32}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
118118	1621	2016	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{395}{2016}$	$\frac{109}{504}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
118119	1621	1700	$\frac{79}{1700}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{425}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}\ \Phi_{25}\ \Phi_{17}\ \Phi_{1}$
118120	1621	2000	$\frac{21}{400}$	$\frac{4}{25}$	$\frac{379}{2000}$	$\frac{1}{5}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{25}\ \Phi_{1}$
118121	1621	1950	$\frac{4}{65}$	$\frac{61}{390}$	$\frac{329}{1950}$	$\frac{1}{5}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{325}\ \Phi_{150}\ \Phi_{75}\ \Phi_{65}\ \Phi_{50}\ \Phi_{25}\ \Phi_{13}\ \Phi_{1}$
118122	1621	1800	$\frac{179}{1800}$	$\frac{21}{200}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
118123	1622	4848	$\frac{3}{808}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{805}{1616}$	$\Phi_{4848}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
118124	1622	4830	$\frac{6}{805}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{799}{1610}$	$\Phi_{4830}\ \Phi_{966}\ \Phi_{690}\ \Phi_{210}\ \Phi_{138}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{6}$
118125	1622	2784	$\frac{1}{116}$	$\frac{117}{928}$	$\frac{1}{3}$	$\frac{115}{232}$	$\Phi_{2784}\ \Phi_{1392}\ \Phi_{348}\ \Phi_{174}\ \Phi_{96}\ \Phi_{87}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
118126	1622	1596	$\frac{13}{798}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{785}{1596}$	$\Phi_{1596}^2\ \Phi_{532}^2\ \Phi_{228}^2\ \Phi_{84}^2\ \Phi_{76}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}^2$
118127	1622	4704	$\frac{27}{784}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{757}{1568}$	$\Phi_{4704}\ \Phi_{672}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
118128	1622	840	$\frac{29}{840}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118129	1622	1566	$\frac{1}{29}$	$\frac{28}{783}$	$\frac{1}{3}$	$\frac{755}{1566}$	$\Phi_{1566}^2\ \Phi_{522}^2\ \Phi_{174}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{54}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_2^2$
118130	1622	4524	$\frac{1}{58}$	$\frac{57}{754}$	$\frac{1}{3}$	$\frac{697}{1508}$	$\Phi_{4524}\ \Phi_{348}\ \Phi_{174}\ \Phi_{156}\ \Phi_{87}\ \Phi_{12}\ \Phi_6$
118131	1622	1392	$\frac{1}{116}$	$\frac{115}{696}$	$\frac{1}{3}$	$\frac{581}{1392}$	$\Phi_{1392}^2\ \Phi_{464}^2\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
118132	1622	816	$\frac{5}{816}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{48}^2\ \Phi_{34}^2\ \Phi_{24}\ \Phi_{17}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118133	1622	1218	$\frac{1}{203}$	$\frac{202}{609}$	$\frac{1}{3}$	$\frac{407}{1218}$	$\Phi_{1218}^2\ \Phi_{609}\ \Phi_{406}^2\ \Phi_{174}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_6^2\ \Phi_2^2$
118134	1622	1212	$\frac{3}{404}$	$\frac{1}{4}$	$\frac{401}{1212}$	$\frac{1}{3}$	$\Phi_{1212}\ \Phi_{606}\ \Phi_{404}^2\ \Phi_{303}\ \Phi_{202}^2\ \Phi_{101}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118135	1622	1044	$\frac{1}{116}$	$\frac{233}{1044}$	$\frac{115}{348}$	$\frac{1}{3}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{348}\ \Phi_{261}^2\ \Phi_{174}\ \Phi_{87}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
118136	1622	870	$\frac{1}{29}$	$\frac{59}{870}$	$\frac{28}{87}$	$\frac{1}{3}$	$\Phi_{870}^2\ \Phi_{435}^2\ \Phi_{290}^2\ \Phi_{174}^2\ \Phi_{145}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_2^2$
118137	1622	1176	$\frac{1}{28}$	$\frac{27}{392}$	$\frac{365}{1176}$	$\frac{1}{3}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}^2\ \Phi_{294}\ \Phi_{196}^2\ \Phi_{168}\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118138	1622	840	$\frac{29}{840}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6\ \Phi_5^2\ \Phi_4^2$
118139	1622	2688	$\frac{1}{28}$	$\frac{85}{896}$	$\frac{27}{112}$	$\frac{1}{3}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
118140	1622	3192	$\frac{13}{266}$	$\frac{1}{14}$	$\frac{253}{1064}$	$\frac{1}{3}$	$\Phi_{3192}\ \Phi_{1596}\ \Phi_{456}\ \Phi_{228}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
118141	1622	1044	$\frac{1}{29}$	$\frac{28}{261}$	$\frac{233}{1044}$	$\frac{1}{3}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{348}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
118142	1622	2940	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{169}{980}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{735}\ \Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
118143	1622	840	$\frac{29}{840}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118144	1622	966	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{155}{966}$	$\frac{1}{3}$	$\Phi_{966}^2\ \Phi_{483}\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{138}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{42}^2\ \Phi_{23}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118145	1623	811	$\frac{4}{811}$	$\frac{269}{811}$	$\frac{270}{811}$	$\frac{271}{811}$	$\Phi_{811}^2\ \Phi_1^3$
118146	1623	585	$\frac{2}{65}$	$\frac{44}{585}$	$\frac{21}{65}$	$\frac{1}{3}$	$\Phi_{585}^3\ \Phi_{195}^2\ \Phi_{117}^3\ \Phi_{65}^3\ \Phi_{45}^3\ \Phi_{39}^2\ \Phi_{15}^2\ \Phi_{13}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
118147	1624	405	$\frac{1}{405}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{202}{405}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^4\ \Phi_{45}^4\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
118148	1624	1623	$\frac{5}{1623}$	$\frac{407}{1623}$	$\frac{608}{1623}$	$\frac{809}{1623}$	$\Phi_{1623}\ \Phi_{541}\ \Phi_3\ \Phi_1^2$
118149	1624	813	$\frac{1}{271}$	$\frac{68}{271}$	$\frac{1}{3}$	$\frac{135}{271}$	$\Phi_{813}^3\ \Phi_3^2$
118150	1624	924	$\frac{1}{231}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{115}{231}$	$\Phi_{924}^3\ \Phi_{308}^3\ \Phi_{231}\ \Phi_{132}^3\ \Phi_{84}^3\ \Phi_{77}\ \Phi_{44}^3\ \Phi_{33}\ \Phi_{28}^3\ \Phi_{21}\ \Phi_{12}^4\ \Phi_{11}\ \Phi_7\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
118151	1624	693	$\frac{1}{231}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{115}{231}$	$\Phi_{693}^3\ \Phi_{231}\ \Phi_{99}^3\ \Phi_{77}\ \Phi_{63}^3\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}\ \Phi_9^4\ \Phi_7\ \Phi_3\ \Phi_1^2$
118152	1624	2828	$\frac{1}{202}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{201}{404}$	$\Phi_{2828}\ \Phi_{404}^2\ \Phi_{28}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
118153	1624	6060	$\frac{1}{202}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{201}{404}$	$\Phi_{6060}\ \Phi_{60}\ \Phi_{15}$
118154	1624	1495	$\frac{1}{115}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{57}{115}$	$\Phi_{1495}\ \Phi_{299}\ \Phi_{115}^2\ \Phi_{65}\ \Phi_{23}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
118155	1624	2760	$\frac{1}{115}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{57}{115}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
118156	1624	541	$\frac{5}{541}$	$\frac{39}{541}$	$\frac{251}{541}$	$\frac{268}{541}$	$\Phi_{541}^3\ \Phi_1^4$
118157	1624	1206	$\frac{2}{201}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{199}{402}$	$\Phi_{1206}^3\ \Phi_{402}^2\ \Phi_{134}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118158	1624	1864	$\frac{3}{233}$	$\frac{1}{8}$	$\frac{59}{233}$	$\frac{115}{233}$	$\Phi_{1864}\ \Phi_{932}\ \Phi_{466}$
118159	1624	2448	$\frac{1}{68}$	$\frac{1}{9}$	$\frac{69}{272}$	$\frac{67}{136}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{144}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
118160	1624	3600	$\frac{3}{200}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{197}{400}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
118161	1624	1623	$\frac{25}{1623}$	$\frac{173}{1623}$	$\frac{412}{1623}$	$\frac{799}{1623}$	$\Phi_{1623}\ \Phi_{541}\ \Phi_{3}\ \Phi_{1}^{2}$
118162	1624	813	$\frac{13}{813}$	$\frac{59}{813}$	$\frac{1}{3}$	$\frac{400}{813}$	$\Phi_{813}^{2}\ \Phi_{271}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
118163	1624	513	$\frac{1}{57}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{28}{57}$	$\Phi_{513}^{3}\ \Phi_{171}^{3}\ \Phi_{57}^{4}\ \Phi_{27}^{4}\ \Phi_{19}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
118164	1624	285	$\frac{1}{57}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{28}{57}$	$\Phi_{285}^{6}\ \Phi_{95}^{6}\ \Phi_{57}^{4}\ \Phi_{19}^{4}\ \Phi_{15}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
118165	1624	171	$\frac{1}{57}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{28}{57}$	$\Phi_{171}^{9}\ \Phi_{57}^{10}\ \Phi_{19}^{10}\ \Phi_{9}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
118166	1624	2280	$\frac{1}{57}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{28}{57}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{190}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
118167	1624	1623	$\frac{29}{1623}$	$\frac{59}{1623}$	$\frac{782}{1623}$	$\frac{797}{1623}$	$\Phi_{1623}\ \Phi_{541}\ \Phi_{3}\ \Phi_{1}^{2}$
118168	1624	3080	$\frac{1}{55}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{27}{55}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{88}\ \Phi_{56}^{2}\ \Phi_{55}\ \Phi_{40}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
118169	1624	2310	$\frac{1}{55}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{27}{55}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{105}\ \Phi_{66}\ \Phi_{55}\ \Phi_{42}^{2}\ \Phi_{33}\ \Phi_{30}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{11}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
118170	1624	1760	$\frac{1}{55}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{27}{55}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
118171	1624	385	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{27}{55}$	$\Phi_{385}^{4}\ \Phi_{77}^{4}\ \Phi_{55}^{5}\ \Phi_{35}^{5}\ \Phi_{11}^{5}\ \Phi_{7}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
118172	1624	1980	$\frac{5}{198}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{193}{396}$	$\Phi_{1980}^{2}\ \Phi_{660}^{2}\ \Phi_{220}^{2}\ \Phi_{180}^{2}\ \Phi_{60}^{2}\ \Phi_{55}\ \Phi_{20}^{2}$
118173	1624	396	$\frac{5}{198}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{193}{396}$	$\Phi_{396}^{8}\ \Phi_{132}^{8}\ \Phi_{44}^{8}\ \Phi_{36}^{8}\ \Phi_{18}^{3}\ \Phi_{12}^{8}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{8}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
118174	1624	195	$\frac{1}{39}$	$\frac{1}{15}$	$\frac{10}{39}$	$\frac{19}{39}$	$\Phi_{195}^{9}\ \Phi_{65}^{9}\ \Phi_{39}^{6}\ \Phi_{15}^{8}\ \Phi_{13}^{6}\ \Phi_{5}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
118175	1624	1623	$\frac{43}{1623}$	$\frac{119}{1623}$	$\frac{376}{1623}$	$\frac{790}{1623}$	$\Phi_{1623}\ \Phi_{541}\ \Phi_{3}\ \Phi_{1}^{2}$
118176	1624	1110	$\frac{1}{37}$	$\frac{19}{222}$	$\frac{1}{5}$	$\frac{18}{37}$	$\Phi_{1110}^{2}\ \Phi_{555}^{2}\ \Phi_{370}^{2}\ \Phi_{185}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
118177	1624	1864	$\frac{7}{233}$	$\frac{1}{8}$	$\frac{30}{233}$	$\frac{113}{233}$	$\Phi_{1864}\ \Phi_{932}\ \Phi_{466}$
118178	1624	1623	$\frac{49}{1623}$	$\frac{202}{1623}$	$\frac{209}{1623}$	$\frac{787}{1623}$	$\Phi_{1623}\ \Phi_{541}\ \Phi_{3}\ \Phi_{1}^{2}$
118179	1624	2035	$\frac{13}{407}$	$\frac{30}{407}$	$\frac{1}{5}$	$\frac{197}{407}$	$\Phi_{2035}\ \Phi_{185}\ \Phi_{55}$
118180	1624	1623	$\frac{53}{1623}$	$\frac{86}{1623}$	$\frac{419}{1623}$	$\frac{785}{1623}$	$\Phi_{1623}\ \Phi_{541}\ \Phi_{3}\ \Phi_{1}^{2}$
118181	1624	813	$\frac{9}{271}$	$\frac{10}{271}$	$\frac{1}{3}$	$\frac{131}{271}$	$\Phi_{813}^{3}\ \Phi_{3}^{2}$
118182	1624	4872	$\frac{1}{29}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{4872}\ \Phi_{696}\ \Phi_{87}$
118183	1624	3080	$\frac{1}{28}$	$\frac{3}{55}$	$\frac{13}{55}$	$\frac{27}{56}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{88}\ \Phi_{56}^{2}\ \Phi_{55}\ \Phi_{40}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
118184	1624	840	$\frac{1}{28}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{27}{56}$	$\Phi_{840}^{4}\ \Phi_{280}^{3}\ \Phi_{168}^{4}\ \Phi_{120}^{4}\ \Phi_{56}^{4}\ \Phi_{40}^{3}\ \Phi_{24}^{4}\ \Phi_{15}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
118185	1624	1848	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{27}{56}$	$\Phi_{1848}^{2}\ \Phi_{616}\ \Phi_{264}^{2}\ \Phi_{168}^{2}\ \Phi_{88}\ \Phi_{56}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
118186	1624	3080	$\frac{1}{28}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{27}{56}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{88}\ \Phi_{56}^{2}\ \Phi_{55}\ \Phi_{40}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
118187	1624	504	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{27}{56}$	$\Phi_{504}^{3}\ \Phi_{252}^{4}\ \Phi_{168}^{3}\ \Phi_{126}^{4}\ \Phi_{84}^{4}\ \Phi_{72}^{4}\ \Phi_{63}^{4}\ \Phi_{42}^{4}\ \Phi_{36}^{5}\ \Phi_{24}^{4}\ \Phi_{21}^{4}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{4}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
118188	1624	270	$\frac{1}{30}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{270}^{6}\ \Phi_{135}^{6}\ \Phi_{90}^{6}\ \Phi_{54}^{6}\ \Phi_{45}^{6}\ \Phi_{30}^{8}\ \Phi_{27}^{4}\ \Phi_{18}^{6}\ \Phi_{15}^{8}\ \Phi_{10}^{8}\ \Phi_{9}^{4}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
118189	1624	1026	$\frac{1}{27}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{13}{27}$	$\Phi_{1026}^{2}\ \Phi_{513}\ \Phi_{342}^{2}\ \Phi_{171}\ \Phi_{114}^{2}\ \Phi_{57}\ \Phi_{54}^{2}\ \Phi_{38}^{4}\ \Phi_{27}^{2}\ \Phi_{19}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
118190	1624	570	$\frac{1}{30}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{570}^{3}\ \Phi_{285}^{3}\ \Phi_{190}^{3}\ \Phi_{114}^{3}\ \Phi_{95}^{3}\ \Phi_{57}^{3}\ \Phi_{38}^{3}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
118191	1624	1152	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{181}{384}$	$\Phi_{1152}^{3}\ \Phi_{384}^{2}\ \Phi_{128}^{2}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
118192	1624	1623	$\frac{41}{1623}$	$\frac{113}{1623}$	$\frac{434}{1623}$	$\frac{755}{1623}$	$\Phi_{1623}\ \Phi_{541}\ \Phi_{3}\ \Phi_{1}^{2}$
118193	1624	813	$\frac{5}{271}$	$\frac{19}{271}$	$\frac{1}{3}$	$\frac{126}{271}$	$\Phi_{813}^{3}\ \Phi_{3}^{2}$
118194	1624	1026	$\frac{1}{57}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1026}^{3}\ \Phi_{342}^{3}\ \Phi_{114}^{3}\ \Phi_{57}^{2}\ \Phi_{54}^{2}\ \Phi_{38}^{3}\ \Phi_{19}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
118195	1624	270	$\frac{1}{15}$	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{25}{54}$	$\Phi_{270}^{12}\ \Phi_{90}^{12}\ \Phi_{54}^{8}\ \Phi_{45}^{3}\ \Phi_{30}^{12}\ \Phi_{18}^{8}\ \Phi_{15}^{2}\ \Phi_{10}^{12}\ \Phi_{9}^{2}\ \Phi_{6}^{8}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
118196	1624	2301	$\frac{1}{59}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{2301}\ \Phi_{177}^2$
118197	1624	1495	$\frac{3}{115}$	$\frac{1}{13}$	$\frac{28}{115}$	$\frac{6}{13}$	$\Phi_{1495}\ \Phi_{299}\ \Phi_{115}^2\ \Phi_{65}\ \Phi_{23}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
118198	1624	390	$\frac{1}{30}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{65}^3\ \Phi_{39}^4\ \Phi_{30}^8\ \Phi_{26}^4\ \Phi_{15}^8\ \Phi_{13}^4\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
118199	1624	897	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{11}{69}$	$\frac{6}{13}$	$\Phi_{897}^2\ \Phi_{299}\ \Phi_{69}^4\ \Phi_{39}^2\ \Phi_{23}^2\ \Phi_{13}^2\ \Phi_3^4\ \Phi_1^4$
118200	1624	195	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{7}{65}$	$\frac{6}{13}$	$\Phi_{195}^9\ \Phi_{65}^7\ \Phi_{39}^9\ \Phi_{15}^8\ \Phi_{13}^8\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
118201	1624	216	$\frac{13}{216}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{24}$	$\Phi_{216}^8\ \Phi_{108}^8\ \Phi_{72}^5\ \Phi_{54}^8\ \Phi_{36}^8\ \Phi_{27}^8\ \Phi_{24}^6\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^7\ \Phi_8^6\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
118202	1624	3366	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{1}{9}$	$\frac{171}{374}$	$\Phi_{3366}\ \Phi_{1122}\ \Phi_{306}\ \Phi_{198}\ \Phi_{153}\ \Phi_{102}\ \Phi_{66}\ \Phi_{51}\ \Phi_{18}\ \Phi_6$
118203	1624	1045	$\frac{6}{209}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{1045}^2\ \Phi_{95}^2\ \Phi_{55}$
118204	1624	370	$\frac{1}{37}$	$\frac{18}{185}$	$\frac{1}{5}$	$\frac{167}{370}$	$\Phi_{370}^8\ \Phi_{185}\ \Phi_{74}^8\ \Phi_{10}^8\ \Phi_2^8$
118205	1624	2280	$\frac{1}{57}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{190}\ \Phi_{152}\ \Phi_{120}\ \Phi_{114}\ \Phi_{95}\ \Phi_{38}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
118206	1624	1711	$\frac{1}{59}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	Φ_{1711}
118207	1624	1623	$\frac{31}{1623}$	$\frac{175}{1623}$	$\frac{398}{1623}$	$\frac{724}{1623}$	$\Phi_{1623}\ \Phi_{541}\ \Phi_3\ \Phi_1^2$
118208	1624	315	$\frac{1}{15}$	$\frac{5}{63}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{315}^6\ \Phi_{105}^6\ \Phi_{63}^4\ \Phi_{45}^3\ \Phi_{35}^6\ \Phi_{21}^4\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
118209	1624	780	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{52}$	$\Phi_{780}^4\ \Phi_{260}^4\ \Phi_{195}\ \Phi_{156}^4\ \Phi_{65}\ \Phi_{60}^4\ \Phi_{39}\ \Phi_{20}^4\ \Phi_{12}^4$
118210	1624	570	$\frac{1}{30}$	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{25}{57}$	$\Phi_{570}^3\ \Phi_{285}^3\ \Phi_{190}^3\ \Phi_{114}^3\ \Phi_{95}^3\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{30}^2\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118211	1624	541	$\frac{16}{541}$	$\frac{75}{541}$	$\frac{77}{541}$	$\frac{233}{541}$	$\Phi_{541}^3\ \Phi_1^4$
118212	1624	2035	$\frac{8}{407}$	$\frac{57}{407}$	$\frac{1}{5}$	$\frac{175}{407}$	$\Phi_{2035}\ \Phi_{185}\ \Phi_{55}$
118213	1624	1623	$\frac{20}{1623}$	$\frac{229}{1623}$	$\frac{463}{1623}$	$\frac{697}{1623}$	$\Phi_{1623}\ \Phi_{541}\ \Phi_3\ \Phi_1^2$
118214	1624	813	$\frac{8}{813}$	$\frac{115}{813}$	$\frac{1}{3}$	$\frac{349}{813}$	$\Phi_{813}^2\ \Phi_{271}^2\ \Phi_3\ \Phi_1^2$
118215	1624	2121	$\frac{1}{101}$	$\frac{1}{7}$	$\frac{100}{303}$	$\frac{3}{7}$	$\Phi_{2121}\ \Phi_{303}^2\ \Phi_{21}\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
118216	1624	707	$\frac{3}{101}$	$\frac{14}{101}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{707}^2\ \Phi_{101}^4\ \Phi_7^3\ \Phi_1^6$
118217	1624	840	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^4\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{60}^4\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}^4\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
118218	1624	2850	$\frac{1}{57}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{2850}\ \Phi_{950}\ \Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{150}\ \Phi_{114}\ \Phi_{95}\ \Phi_{38}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
118219	1624	468	$\frac{1}{117}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{468}^6\ \Phi_{156}^6\ \Phi_{117}^2\ \Phi_{52}^6\ \Phi_{39}^2\ \Phi_{36}^6\ \Phi_{13}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
118220	1624	924	$\frac{1}{77}$	$\frac{1}{6}$	$\frac{19}{77}$	$\frac{5}{12}$	$\Phi_{924}^3\ \Phi_{308}^3\ \Phi_{132}^3\ \Phi_{84}^3\ \Phi_{77}^3\ \Phi_{44}^3\ \Phi_{28}^3\ \Phi_{12}^4\ \Phi_{11}^3\ \Phi_7^3\ \Phi_4^4\ \Phi_1^4$
118221	1624	3540	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{3540}\ \Phi_{1180}\ \Phi_{295}$
118222	1624	684	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{684}^3\ \Phi_{342}^3\ \Phi_{171}^3\ \Phi_{114}^3\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{36}^2\ \Phi_{19}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118223	1624	1428	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1428}^2\ \Phi_{476}^2\ \Phi_{204}^2\ \Phi_{119}^2\ \Phi_{84}\ \Phi_{68}^2\ \Phi_{28}\ \Phi_{17}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
118224	1624	132	$\frac{1}{33}$	$\frac{4}{33}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{132}^{21}\ \Phi_{44}^{21}\ \Phi_{33}^7\ \Phi_{12}^{22}\ \Phi_{11}^7\ \Phi_4^{22}\ \Phi_3^7\ \Phi_1^8$
118225	1624	180	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{180}^{18}\ \Phi_{90}^3\ \Phi_{60}^{12}\ \Phi_{45}^3\ \Phi_{36}^{15}\ \Phi_{30}^2\ \Phi_{20}^{12}\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}^{10}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118226	1624	1452	$\frac{5}{121}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1452}^2\ \Phi_{484}^2\ \Phi_{132}\ \Phi_{121}^2\ \Phi_{44}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
118227	1624	252	$\frac{1}{21}$	$\frac{5}{63}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{252}^{12}\ \Phi_{84}^9\ \Phi_{63}^4\ \Phi_{36}^{12}\ \Phi_{28}^9\ \Phi_{21}^3\ \Phi_{12}^{10}\ \Phi_9^4\ \Phi_7^3\ \Phi_4^{10}\ \Phi_3^3\ \Phi_1^4$
118228	1624	3060	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{33}{170}$	$\frac{137}{340}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{180}\ \Phi_{153}\ \Phi_{102}\ \Phi_{60}\ \Phi_{51}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
118229	1624	1170	$\frac{1}{117}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{1170}^2\ \Phi_{585}\ \Phi_{390}^2\ \Phi_{234}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{90}^2\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_6^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
118230	1624	912	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{912}^3\ \Phi_{304}^3\ \Phi_{114}^3\ \Phi_{57}^2\ \Phi_{48}^2\ \Phi_{38}^3\ \Phi_{19}^2\ \Phi_{16}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118231	1624	1623	$\frac{34}{1623}$	$\frac{227}{1623}$	$\frac{349}{1623}$	$\frac{637}{1623}$	$\Phi_{1623}\ \Phi_{541}\ \Phi_3\ \Phi_1^2$
118232	1624	570	$\frac{1}{30}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{570}^3\ \Phi_{285}^3\ \Phi_{190}^3\ \Phi_{114}^3\ \Phi_{95}^3\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{30}^2\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118233	1624	541	$\frac{17}{541}$	$\frac{48}{541}$	$\frac{131}{541}$	$\frac{205}{541}$	$\Phi_{541}^3\ \Phi_1^4$
118234	1624	1864	$\frac{5}{233}$	$\frac{1}{8}$	$\frac{57}{233}$	$\frac{88}{233}$	$\Phi_{1864}\ \Phi_{932}\ \Phi_{466}$
118235	1624	1872	$\frac{5}{208}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
118236	1624	306	$\frac{1}{51}$	$\frac{1}{9}$	$\frac{50}{153}$	$\frac{103}{306}$	$\Phi_{306}^8\ \Phi_{153}^3\ \Phi_{102}^8\ \Phi_{51}^2\ \Phi_{34}^8\ \Phi_{18}^8\ \Phi_{17}^2\ \Phi_9^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
118237	1624	204	$\frac{1}{204}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{204}^8\ \Phi_{102}^8\ \Phi_{68}^8\ \Phi_{51}^8\ \Phi_{34}^8\ \Phi_{17}^8\ \Phi_{12}^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
118238	1624	1215	$\frac{2}{405}$	$\frac{403}{1215}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1215}^2\ \Phi_{243}^2\ \Phi_3\ \Phi_1^2$
118239	1624	270	$\frac{1}{135}$	$\frac{67}{270}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{270}^8\ \Phi_{135}^4\ \Phi_{90}^8\ \Phi_{54}^8\ \Phi_{45}^4\ \Phi_{30}^8\ \Phi_{27}^4\ \Phi_{18}^8\ \Phi_{15}^4\ \Phi_{10}^8\ \Phi_9^4\ \Phi_6^8\ \Phi_5^4\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
118240	1624	117	$\frac{1}{117}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{117}^{14}\ \Phi_{39}^{14}\ \Phi_{13}^{14}\ \Phi_9^{12}\ \Phi_3^{13}\ \Phi_1^{14}$
118241	1624	615	$\frac{2}{205}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{615}^2\ \Phi_{205}^4\ \Phi_{123}^2\ \Phi_{41}^4\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
118242	1624	243	$\frac{1}{81}$	$\frac{40}{243}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{243}^8\ \Phi_{81}^4\ \Phi_{27}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
118243	1624	135	$\frac{2}{135}$	$\frac{19}{135}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{135}^{12}\ \Phi_{45}^{12}\ \Phi_{27}^{12}\ \Phi_{15}^{12}\ \Phi_9^{12}\ \Phi_5^{12}\ \Phi_3^{13}\ \Phi_1^{14}$
118244	1624	825	$\frac{13}{825}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}^2\ \Phi_{75}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{25}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
118245	1624	1416	$\frac{1}{59}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{472}^2\ \Phi_{354}\ \Phi_{236}^2\ \Phi_{118}^2$
118246	1624	207	$\frac{4}{207}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{207}^8\ \Phi_{69}^8\ \Phi_{23}^8\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
118247	1624	225	$\frac{1}{45}$	$\frac{22}{225}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{225}^8\ \Phi_{75}^8\ \Phi_{45}^4\ \Phi_{25}^8\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
118248	1624	891	$\frac{2}{81}$	$\frac{79}{891}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
118249	1624	837	$\frac{25}{837}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{837}^2\ \Phi_{279}^2\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_3\ \Phi_1^2$
118250	1624	405	$\frac{13}{405}$	$\frac{28}{405}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^4\ \Phi_{45}^4\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
118251	1624	30	$\frac{1}{30}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{30}^{56}\ \Phi_{15}^{52}\ \Phi_{10}^{56}\ \Phi_6^{56}\ \Phi_5^{52}\ \Phi_3^{53}\ \Phi_2^{56}\ \Phi_1^{54}$
118252	1624	216	$\frac{1}{27}$	$\frac{13}{216}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{216}^8\ \Phi_{108}^8\ \Phi_{72}^8\ \Phi_{54}^8\ \Phi_{36}^8\ \Phi_{27}^4\ \Phi_{24}^8\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^4\ \Phi_8^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
118253	1624	855	$\frac{2}{45}$	$\frac{43}{855}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{171}^2\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_3\ \Phi_1^2$
118254	1624	693	$\frac{2}{231}$	$\frac{2}{9}$	$\frac{229}{693}$	$\frac{1}{3}$	$\Phi_{693}^2\ \Phi_{231}^3\ \Phi_{99}^2\ \Phi_{77}^3\ \Phi_{63}^2\ \Phi_{33}^3\ \Phi_{21}^3\ \Phi_{11}^3\ \Phi_9^3\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
118255	1624	1515	$\frac{1}{101}$	$\frac{1}{5}$	$\frac{100}{303}$	$\frac{1}{3}$	$\Phi_{1515}\ \Phi_{505}^2\ \Phi_{15}^2\ \Phi_5^2$
118256	1624	855	$\frac{2}{57}$	$\frac{1}{15}$	$\frac{55}{171}$	$\frac{1}{3}$	$\Phi_{855}^3\ \Phi_{171}^2\ \Phi_{45}^3\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
118257	1624	1218	$\frac{1}{29}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{406}^2\ \Phi_{203}^2\ \Phi_{174}\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{29}^2$
118258	1624	810	$\frac{1}{30}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{810}^3\ \Phi_{405}^3\ \Phi_{162}^3\ \Phi_{81}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118259	1624	813	$\frac{3}{271}$	$\frac{67}{271}$	$\frac{68}{271}$	$\frac{1}{3}$	$\Phi_{813}^3\ \Phi_3^2$
118260	1624	2784	$\frac{1}{29}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2784}\ \Phi_{1392}\ \Phi_{696}\ \Phi_{87}$
118261	1624	693	$\frac{1}{77}$	$\frac{2}{9}$	$\frac{19}{77}$	$\frac{1}{3}$	$\Phi_{693}^3\ \Phi_{99}^3\ \Phi_{77}^3\ \Phi_{63}^3\ \Phi_{11}^3\ \Phi_9^4\ \Phi_7^3\ \Phi_1^4$
118262	1624	2760	$\frac{3}{115}$	$\frac{1}{8}$	$\frac{28}{115}$	$\frac{1}{3}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
118263	1624	813	$\frac{25}{813}$	$\frac{88}{813}$	$\frac{197}{813}$	$\frac{1}{3}$	$\Phi_{813}^2\ \Phi_{271}^2\ \Phi_3\ \Phi_1^2$
118264	1624	570	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{9}{38}$	$\frac{1}{3}$	$\Phi_{570}^4\ \Phi_{285}^2\ \Phi_{190}^4\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{38}^4\ \Phi_{30}^4\ \Phi_{19}^2\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
118265	1624	2655	$\frac{1}{59}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2655}\ \Phi_{295}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
118266	1624	684	$\frac{1}{57}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{684}^3\ \Phi_{342}^3\ \Phi_{228}^3\ \Phi_{114}^3\ \Phi_{76}^3\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{36}^2\ \Phi_{19}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118267	1624	1071	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1071}^2\ \Phi_{153}^2\ \Phi_{119}^2\ \Phi_{63}\ \Phi_{17}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
118268	1624	99	$\frac{1}{33}$	$\frac{4}{33}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{99}^{21}\ \Phi_{33}^7\ \Phi_{11}^7\ \Phi_9^{22}\ \Phi_3^7\ \Phi_1^8$
118269	1624	90	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{90}^{18}\ \Phi_{45}^{18}\ \Phi_{30}^{20}\ \Phi_{18}^{18}\ \Phi_{15}^{20}\ \Phi_{10}^{20}\ \Phi_9^{12}\ \Phi_6^{20}\ \Phi_5^{20}\ \Phi_3^{13}\ \Phi_2^{20}\ \Phi_1^{14}$
118270	1624	1089	$\frac{5}{121}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1089}^2\ \Phi_{121}^2\ \Phi_{99}\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
118271	1624	63	$\frac{1}{21}$	$\frac{5}{63}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{63}^{25}\ \Phi_{21}^{27}\ \Phi_9^{26}\ \Phi_7^{27}\ \Phi_3^{27}\ \Phi_1^{28}$
118272	1624	813	$\frac{22}{813}$	$\frac{113}{813}$	$\frac{175}{813}$	$\frac{1}{3}$	$\Phi_{813}^2\ \Phi_{271}^2\ \Phi_3\ \Phi_1^2$
118273	1624	1515	$\frac{3}{101}$	$\frac{14}{101}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1515}^2\ \Phi_{15}^3$
118274	1624	120	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{120}^{15}\ \Phi_{60}^{15}\ \Phi_{40}^{16}\ \Phi_{30}^7\ \Phi_{24}^{16}\ \Phi_{20}^{16}\ \Phi_{15}^8\ \Phi_{12}^{16}\ \Phi_{10}^8\ \Phi_8^{16}\ \Phi_6^8\ \Phi_5^8\ \Phi_4^{16}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
118275	1624	3045	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{3045}\ \Phi_{435}\ \Phi_{87}$
118276	1624	552	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{11}{69}$	$\frac{1}{3}$	$\Phi_{552}^3\ \Phi_{276}^3\ \Phi_{184}^4\ \Phi_{138}^3\ \Phi_{92}^4\ \Phi_{46}^4\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
118277	1624	900	$\frac{3}{100}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{97}{300}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118278	1624	1485	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{94}{297}$	$\Phi_{1485}^2\ \Phi_{135}^2\ \Phi_{55}$
118279	1624	2310	$\frac{3}{55}$	$\frac{1}{14}$	$\frac{13}{55}$	$\frac{13}{42}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{105}\ \Phi_{66}\ \Phi_{55}\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{11}\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
118280	1624	210	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{210}^7\ \Phi_{105}^7\ \Phi_{70}^8\ \Phi_{42}^8\ \Phi_{35}^8\ \Phi_{30}^7\ \Phi_{21}^8\ \Phi_{15}^{11}\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_7^8\ \Phi_6^8\ \Phi_5^{11}\ \Phi_3^{12}\ \Phi_2^8\ \Phi_1^{12}$
118281	1624	462	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{13}{42}$	$\Phi_{462}^3\ \Phi_{231}^3\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}^3\ \Phi_{42}^4\ \Phi_{33}^5\ \Phi_{22}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{11}^5\ \Phi_7^4\ \Phi_6^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
118282	1624	2310	$\frac{1}{14}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{13}{42}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{105}\ \Phi_{66}\ \Phi_{55}\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{11}\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
118283	1624	504	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{13}{42}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^5\ \Phi_{63}^2\ \Phi_{56}^4\ \Phi_{42}\ \Phi_{36}^5\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^4\ \Phi_7^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118284	1624	2145	$\frac{23}{429}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{195}\ \Phi_{65}\ \Phi_{55}$
118285	1624	135	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{19}{135}$	$\frac{8}{27}$	$\Phi_{135}^{11}\ \Phi_{45}^{14}\ \Phi_{27}^{12}\ \Phi_{15}^{13}\ \Phi_9^{14}\ \Phi_5^{13}\ \Phi_3^{13}\ \Phi_1^{14}$
118286	1624	288	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{96}$	$\frac{85}{288}$	$\Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}^6\ \Phi_{72}^5\ \Phi_{48}^6\ \Phi_{36}^8\ \Phi_{32}^6\ \Phi_{24}^6\ \Phi_{18}^8\ \Phi_{16}^6\ \Phi_{12}^8\ \Phi_9^7\ \Phi_8^6\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
118287	1624	405	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{81}$	$\Phi_{405}^6\ \Phi_{81}^4\ \Phi_{45}^3\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
118288	1624	216	$\frac{13}{216}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{216}^8\ \Phi_{108}^8\ \Phi_{72}^8\ \Phi_{54}^8\ \Phi_{36}^8\ \Phi_{27}^8\ \Phi_{24}^8\ \Phi_{18}^3\ \Phi_{12}^8\ \Phi_9^2\ \Phi_8^8\ \Phi_6^2\ \Phi_4^8\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118289	1624	555	$\frac{1}{37}$	$\frac{36}{185}$	$\frac{1}{5}$	$\frac{149}{555}$	$\Phi_{555}^4\ \Phi_{185}\ \Phi_{111}^4\ \Phi_{15}^4\ \Phi_3^4$
118290	1624	570	$\frac{1}{30}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{570}^3\ \Phi_{285}^3\ \Phi_{190}^3\ \Phi_{114}^3\ \Phi_{95}^3\ \Phi_{57}^3\ \Phi_{38}^3\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_2^2$
118291	1624	195	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{10}{39}$	$\Phi_{195}^9\ \Phi_{65}^9\ \Phi_{39}^5\ \Phi_{15}^8\ \Phi_{13}^8\ \Phi_5^8\ \Phi_3^4\ \Phi_1^8$
118292	1624	1760	$\frac{3}{55}$	$\frac{3}{32}$	$\frac{13}{55}$	$\frac{1}{4}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
118293	1624	480	$\frac{1}{15}$	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^3\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{80}^3\ \Phi_{48}^4\ \Phi_{40}^3\ \Phi_{32}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
118294	1624	720	$\frac{3}{40}$	$\frac{1}{9}$	$\frac{37}{240}$	$\frac{1}{4}$	$\Phi_{720}^3\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^3\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118295	1624	1056	$\frac{1}{11}$	$\frac{3}{32}$	$\frac{5}{33}$	$\frac{1}{4}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}\ \Phi_{264}^2\ \Phi_{176}\ \Phi_{96}^2\ \Phi_{88}\ \Phi_{48}^2\ \Phi_{33}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_3^2\ \Phi_1^2$
118296	1624	1980	$\frac{17}{220}$	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
118297	1624	1760	$\frac{3}{32}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{4}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
118298	1624	288	$\frac{3}{32}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}^7\ \Phi_{72}^4\ \Phi_{48}^7\ \Phi_{36}^5\ \Phi_{24}^4\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^4\ \Phi_6^5\ \Phi_3^4$
118299	1624	342	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{9}{38}$	$\Phi_{342}^6\ \Phi_{171}^3\ \Phi_{114}^6\ \Phi_{57}^3\ \Phi_{38}^8\ \Phi_{19}^4\ \Phi_{18}^6\ \Phi_9^6\ \Phi_6^6\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
118300	1624	760	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{9}{38}$	$\Phi_{760}^3\ \Phi_{380}^3\ \Phi_{190}\ \Phi_{95}^2\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2$
118301	1624	385	$\frac{3}{55}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{13}{55}$	$\Phi_{385}^4\ \Phi_{77}^4\ \Phi_{55}^5\ \Phi_{35}^5\ \Phi_{11}^5\ \Phi_7^4\ \Phi_5^6\ \Phi_1^6$
118302	1624	1320	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{61}{264}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{40}^2\ \Phi_{20}^2$
118303	1624	792	$\frac{5}{66}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{61}{264}$	$\Phi_{792}^3\ \Phi_{396}^3\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{72}^3\ \Phi_{44}^2\ \Phi_{36}^3\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118304	1624	720	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{37}{240}$	$\frac{11}{48}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^2\ \Phi_{180}^3\ \Phi_{120}^2\ \Phi_{90}^3\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118305	1624	220	$\frac{17}{220}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{22}$	$\Phi_{220}^8\ \Phi_{110}^6\ \Phi_{55}^7\ \Phi_{44}^8\ \Phi_{22}^8\ \Phi_{20}^8\ \Phi_{11}^8\ \Phi_{10}^6\ \Phi_5^6\ \Phi_4^8\ \Phi_2^8\ \Phi_1^8$
118306	1624	180	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{7}{36}$	$\frac{2}{9}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}^{12}\ \Phi_{45}^3\ \Phi_{36}^8\ \Phi_{30}^{12}\ \Phi_{20}^{12}\ \Phi_{18}^8\ \Phi_{15}^2\ \Phi_{12}^8\ \Phi_{10}^{12}\ \Phi_9^2\ \Phi_6^8\ \Phi_5^2\ \Phi_4^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
118307	1624	495	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{495}$	$\frac{1}{5}$	$\Phi_{495}^3\ \Phi_{165}^3\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{45}^3\ \Phi_{33}^4\ \Phi_{15}^3\ \Phi_{11}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
118308	1624	105	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{105}^{16}\ \Phi_{35}^{13}\ \Phi_{21}^{16}\ \Phi_{15}^{20}\ \Phi_7^{12}\ \Phi_5^{16}\ \Phi_3^{20}\ \Phi_1^{16}$
118309	1624	165	$\frac{1}{11}$	$\frac{4}{33}$	$\frac{5}{33}$	$\frac{1}{5}$	$\Phi_{165}^{12}\ \Phi_{55}^{13}\ \Phi_{15}^{12}\ \Phi_5^{12}$
118310	1624	306	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{5}{34}$	$\frac{3}{17}$	$\Phi_{306}^7\ \Phi_{153}^5\ \Phi_{102}^7\ \Phi_{51}^5\ \Phi_{18}^7\ \Phi_9^4\ \Phi_6^7\ \Phi_3^4$
118311	1624	1155	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{33}$	$\frac{6}{35}$	$\Phi_{1155}^2\ \Phi_{385}\ \Phi_{165}^2\ \Phi_{105}^2\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{33}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
118312	1624	385	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{385}^4\ \Phi_{77}^4\ \Phi_{55}^5\ \Phi_{35}^5\ \Phi_{11}^5\ \Phi_7^4\ \Phi_5^6\ \Phi_1^6$
118313	1624	2520	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{360}\ \Phi_{210}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
118314	1625	648	$\frac{1}{324}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{323}{648}$	$\Phi_{648}\ \Phi_{324}^4\ \Phi_{216}\ \Phi_{162}^4\ \Phi_{108}^4\ \Phi_{81}^4\ \Phi_{72}\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{24}\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
118315	1625	2784	$\frac{1}{232}$	$\frac{233}{1392}$	$\frac{1159}{2784}$	$\frac{231}{464}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{464}\ \Phi_{96}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
118316	1625	3232	$\frac{9}{1616}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1607}{3232}$	$\Phi_{3232}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
118317	1625	744	$\frac{1}{124}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{123}{248}$	$\Phi_{372}^4\ \Phi_{248}\ \Phi_{186}^4\ \Phi_{124}^4\ \Phi_{93}^4\ \Phi_{62}^4\ \Phi_{31}^4\ \Phi_{24}\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
118318	1625	3720	$\frac{1}{124}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{123}{248}$	$\Phi_{3720}\ \Phi_{1240}\ \Phi_{248}\ \Phi_{120}\ \Phi_{40}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
118319	1625	2232	$\frac{1}{124}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{123}{248}$	$\Phi_{2232}^2\ \Phi_{248}\ \Phi_{72}^2\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
118320	1625	496	$\frac{1}{124}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{123}{248}$	$\Phi_{496}^4\ \Phi_{248}\ \Phi_{124}^4\ \Phi_{62}^4\ \Phi_{31}^4\ \Phi_{16}^5\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
118321	1625	644	$\frac{3}{322}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{319}{644}$	$\Phi_{644}^5\ \Phi_{92}^5\ \Phi_{28}^5\ \Phi_7^2\ \Phi_4^5\ \Phi_1^3$
118322	1625	3216	$\frac{17}{1608}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1591}{3216}$	$\Phi_{3216}\ \Phi_{1072}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
118323	1625	2176	$\frac{7}{544}$	$\frac{1}{8}$	$\frac{551}{2176}$	$\frac{537}{1088}$	$\Phi_{2176}\ \Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{128}\ \Phi_{68}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
118324	1625	384	$\frac{1}{64}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{63}{128}$	$\Phi_{384}^8\ \Phi_{128}^9\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
118325	1625	3456	$\frac{1}{64}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{63}{128}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{128}\ \Phi_{27}\ \Phi_9\ \Phi_1$
118326	1625	1152	$\frac{1}{64}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{63}{128}$	$\Phi_{1152}^4\ \Phi_{128}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
118327	1625	896	$\frac{1}{64}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{63}{128}$	$\Phi_{896}^4\ \Phi_{128}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
118328	1625	128	$\frac{1}{64}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{63}{128}$	$\Phi_{128}^{25}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
118329	1625	384	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{63}{128}$	$\Phi_{384}^8\ \Phi_{128}^9\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
118330	1625	1722	$\frac{2}{123}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{121}{246}$	$\Phi_{1722}\ \Phi_{861}\ \Phi_{574}\ \Phi_{287}\ \Phi_{123}\ \Phi_{42}^2\ \Phi_{41}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
118331	1625	3136	$\frac{1}{56}$	$\frac{57}{1568}$	$\frac{1511}{3136}$	$\frac{55}{112}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{112}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
118332	1625	2352	$\frac{1}{56}$	$\frac{57}{784}$	$\frac{727}{2352}$	$\frac{55}{112}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
118333	1625	1792	$\frac{1}{56}$	$\frac{167}{1792}$	$\frac{57}{224}$	$\frac{55}{112}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{128}\ \Phi_{112}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
118334	1625	3192	$\frac{29}{1596}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1567}{3192}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{168}\ \Phi_{152}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
118335	1625	1776	$\frac{3}{148}$	$\frac{151}{1776}$	$\frac{1}{4}$	$\frac{145}{296}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{592}\ \Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}\ \Phi_{48}\ \Phi_{37}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
118336	1625	168	$\frac{1}{42}$	$\frac{1}{14}$	$\frac{43}{168}$	$\frac{41}{84}$	$\Phi_{168}^{13}\ \Phi_{56}^{13}\ \Phi_{42}^{13}\ \Phi_{24}^{13}\ \Phi_{21}^{13}\ \Phi_{14}^{12}\ \Phi_8^{13}\ \Phi_7^{12}\ \Phi_6^{13}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
118337	1625	3168	$\frac{41}{1584}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1543}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{96}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
118338	1625	3168	$\frac{41}{1584}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1543}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
118339	1625	1638	$\frac{2}{63}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{234}\ \Phi_{182}\ \Phi_{117}\ \Phi_{91}\ \Phi_{78}^2\ \Phi_{63}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{21}\ \Phi_{13}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
118340	1625	252	$\frac{2}{63}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{61}{126}$	$\Phi_{252}^7\ \Phi_{126}^4\ \Phi_{84}^7\ \Phi_{63}^7\ \Phi_{42}^4\ \Phi_{36}^7\ \Phi_{28}^9\ \Phi_{21}^7\ \Phi_{18}^4\ \Phi_{14}^6\ \Phi_{12}^7\ \Phi_9^7\ \Phi_7^8\ \Phi_6^4\ \Phi_4^9\ \Phi_3^7\ \Phi_2^6\ \Phi_1^9$
118341	1625	29	$\frac{1}{29}$	$\frac{3}{29}$	$\frac{4}{29}$	$\frac{14}{29}$	$\Phi_{29}^{56}\ \Phi_1^{57}$
118342	1625	3132	$\frac{1}{29}$	$\frac{59}{1566}$	$\frac{28}{87}$	$\frac{1507}{3132}$	$\Phi_{3132}\ \Phi_{1044}\ \Phi_{348}\ \Phi_{116}\ \Phi_{108}\ \Phi_{87}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
118343	1625	96	$\frac{1}{32}$	$\frac{1}{24}$	$\frac{31}{96}$	$\frac{23}{48}$	$\Phi_{96}^{17}\ \Phi_{48}^{18}\ \Phi_{32}^{16}\ \Phi_{24}^{17}\ \Phi_{16}^{17}\ \Phi_{12}^{17}\ \Phi_8^{16}\ \Phi_6^{17}\ \Phi_4^{16}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{17}$
118344	1625	816	$\frac{1}{24}$	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{816}^4\ \Phi_{272}^4\ \Phi_{68}\ \Phi_{48}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
118345	1625	48	$\frac{1}{24}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{23}{48}$	$\Phi_{48}^{33}\ \Phi_{24}^{32}\ \Phi_{16}^{37}\ \Phi_{12}^{32}\ \Phi_8^{36}\ \Phi_6^{32}\ \Phi_4^{36}\ \Phi_3^{32}\ \Phi_2^{36}\ \Phi_1^{37}$
118346	1625	336	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{23}{48}$	$\Phi_{336}^{10}\ \Phi_{112}^{10}\ \Phi_{48}^5\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{16}^5\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
118347	1625	144	$\frac{1}{24}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{23}{48}$	$\Phi_{144}^{24}\ \Phi_{72}\ \Phi_{48}^{17}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}^{17}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
118348	1625	1144	$\frac{1}{26}$	$\frac{1}{22}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{1144}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{104}^2\ \Phi_{88}\ \Phi_{26}\ \Phi_{22}\ \Phi_{13}\ \Phi_{11}\ \Phi_8\ \Phi_1$
118349	1625	238	$\frac{6}{119}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{113}{238}$	$\Phi_{238}^6\ \Phi_{119}^7\ \Phi_{34}^6\ \Phi_{17}^7\ \Phi_{14}^{12}\ \Phi_7^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
118350	1625	2204	$\frac{1}{29}$	$\frac{28}{551}$	$\frac{579}{2204}$	$\frac{523}{1102}$	$\Phi_{2204}\ \Phi_{551}\ \Phi_{116}\ \Phi_{76}\ \Phi_{19}\ \Phi_4\ \Phi_1$
118351	1625	1008	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{19}{144}$	$\frac{17}{36}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{144}\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{72}\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
118352	1625	3072	$\frac{89}{1536}$	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1447}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
118353	1625	1672	$\frac{47}{1672}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{418}\ \Phi_{209}\ \Phi_{152}\ \Phi_{76}\ \Phi_{44}\ \Phi_{38}\ \Phi_{22}\ \Phi_{19}\ \Phi_{11}\ \Phi_1$
118354	1625	1638	$\frac{8}{117}$	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{109}{234}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{182}\ \Phi_{126}^2\ \Phi_{117}\ \Phi_{91}\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_{13}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
118355	1625	28	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{13}{28}$	$\Phi_{28}^{52}\ \Phi_{14}^{64}\ \Phi_7^{64}\ \Phi_4^{52}\ \Phi_2^{64}\ \Phi_1^{65}$
118356	1625	1728	$\frac{103}{1728}$	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{192}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
118357	1625	3024	$\frac{1}{56}$	$\frac{113}{1512}$	$\frac{55}{168}$	$\frac{1399}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
118358	1625	3024	$\frac{1}{14}$	$\frac{113}{1512}$	$\frac{13}{126}$	$\frac{1399}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
118359	1625	744	$\frac{1}{62}$	$\frac{1}{12}$	$\frac{61}{186}$	$\frac{11}{24}$	$\Phi_{744}^4\ \Phi_{248}^4\ \Phi_{186}\ \Phi_{93}\ \Phi_{24}^5\ \Phi_8^5\ \Phi_6\ \Phi_3\ \Phi_1$
118360	1625	384	$\frac{3}{128}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{384}^4\ \Phi_{192}^4\ \Phi_{128}^5\ \Phi_{96}^4\ \Phi_{64}^5\ \Phi_{48}^4\ \Phi_{32}^5\ \Phi_{24}\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
118361	1625	744	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{6}{31}$	$\frac{11}{24}$	$\Phi_{744}^4\ \Phi_{248}^4\ \Phi_{31}^4\ \Phi_{24}^5\ \Phi_8^5\ \Phi_1^5$
118362	1625	312	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{312}^{10}\ \Phi_{104}^{10}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{24}^5\ \Phi_{13}\ \Phi_8^5\ \Phi_6\ \Phi_3\ \Phi_1$
118363	1625	2992	$\frac{7}{136}$	$\frac{129}{1496}$	$\frac{1}{8}$	$\frac{1367}{2992}$	$\Phi_{2992}\ \Phi_{272}\ \Phi_{176}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
118364	1625	592	$\frac{3}{148}$	$\frac{29}{296}$	$\frac{1}{4}$	$\frac{267}{592}$	$\Phi_{592}^5\ \Phi_{148}\ \Phi_{74}\ \Phi_{37}\ \Phi_{16}^5\ \Phi_1$
118365	1625	448	$\frac{1}{56}$	$\frac{11}{112}$	$\frac{123}{448}$	$\frac{101}{224}$	$\Phi_{448}^5\ \Phi_{112}^5\ \Phi_{64}^5\ \Phi_{56}^4\ \Phi_{28}^4\ \Phi_{16}^5\ \Phi_{14}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
118366	1625	1764	$\frac{1}{14}$	$\frac{139}{1764}$	$\frac{13}{126}$	$\frac{113}{252}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{63}\ \Phi_{49}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
118367	1625	224	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{99}{224}$	$\Phi_{224}^{13}\ \Phi_{32}^{13}\ \Phi_{14}^{12}\ \Phi_{7}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
118368	1625	116	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{4}{29}$	$\frac{51}{116}$	$\Phi_{116}^{25}\ \Phi_{29}^{6}\ \Phi_{4}^{25}\ \Phi_{1}^{7}$
118369	1625	329	$\frac{4}{329}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{329}^{5}\ \Phi_{47}^{5}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
118370	1625	1512	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{17}{108}$	$\frac{91}{216}$	$\Phi_{1512}^{2}\ \Phi_{504}^{2}\ \Phi_{216}\ \Phi_{168}^{2}\ \Phi_{126}^{2}\ \Phi_{72}\ \Phi_{63}^{2}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
118371	1625	112	$\frac{1}{56}$	$\frac{9}{56}$	$\frac{11}{56}$	$\frac{47}{112}$	$\Phi_{112}^{25}\ \Phi_{56}^{4}\ \Phi_{28}^{4}\ \Phi_{16}^{25}\ \Phi_{14}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
118372	1625	2016	$\frac{1}{56}$	$\frac{55}{336}$	$\frac{391}{2016}$	$\frac{281}{672}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
118373	1625	936	$\frac{1}{26}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{312}^{2}\ \Phi_{234}^{2}\ \Phi_{117}^{2}\ \Phi_{104}^{2}\ \Phi_{78}^{2}\ \Phi_{72}\ \Phi_{39}^{2}\ \Phi_{36}\ \Phi_{26}\ \Phi_{24}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
118374	1625	924	$\frac{7}{132}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{231}^{2}\ \Phi_{154}^{2}\ \Phi_{132}\ \Phi_{77}^{2}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}^{2}\ \Phi_{33}\ \Phi_{22}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{11}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
118375	1625	2784	$\frac{1}{116}$	$\frac{233}{1392}$	$\frac{115}{348}$	$\frac{1159}{2784}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{348}\ \Phi_{174}\ \Phi_{96}\ \Phi_{87}\ \Phi_{32}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
118376	1625	286	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{286}^{6}\ \Phi_{143}^{6}\ \Phi_{26}^{5}\ \Phi_{22}\ \Phi_{13}^{5}\ \Phi_{11}^{5}\ \Phi_{1}^{5}$
118377	1625	42	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{4}{21}$	$\frac{17}{42}$	$\Phi_{42}^{37}\ \Phi_{21}^{41}\ \Phi_{14}^{36}\ \Phi_{7}^{40}\ \Phi_{6}^{37}\ \Phi_{3}^{41}\ \Phi_{2}^{36}\ \Phi_{1}^{41}$
118378	1625	544	$\frac{7}{272}$	$\frac{1}{8}$	$\frac{53}{272}$	$\frac{219}{544}$	$\Phi_{544}^{5}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{32}^{5}\ \Phi_{17}\ \Phi_{16}\ \Phi_{1}$
118379	1625	464	$\frac{1}{116}$	$\frac{23}{116}$	$\frac{139}{464}$	$\frac{93}{232}$	$\Phi_{464}^{5}\ \Phi_{116}^{4}\ \Phi_{58}^{4}\ \Phi_{29}^{4}\ \Phi_{16}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
118380	1625	2688	$\frac{1}{56}$	$\frac{55}{336}$	$\frac{281}{1344}$	$\frac{1063}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{336}\ \Phi_{168}\ \Phi_{128}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
118381	1625	128	$\frac{3}{128}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{128}^{13}\ \Phi_{64}^{12}\ \Phi_{32}^{13}\ \Phi_{16}^{13}\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
118382	1625	2616	$\frac{2}{327}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2616}\ \Phi_{872}\ \Phi_{327}\ \Phi_{109}\ \Phi_{8}\ \Phi_{1}$
118383	1625	1944	$\frac{1}{162}$	$\frac{1}{4}$	$\frac{161}{486}$	$\frac{3}{8}$	$\Phi_{1944}^{2}\ \Phi_{486}\ \Phi_{243}\ \Phi_{8}\ \Phi_{1}$
118384	1625	328	$\frac{3}{328}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{328}^{5}\ \Phi_{164}^{5}\ \Phi_{82}^{5}\ \Phi_{41}^{5}\ \Phi_{8}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
118385	1625	432	$\frac{1}{108}$	$\frac{107}{432}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{432}^{5}\ \Phi_{216}\ \Phi_{144}^{5}\ \Phi_{108}^{4}\ \Phi_{72}\ \Phi_{54}^{4}\ \Phi_{48}^{5}\ \Phi_{36}^{4}\ \Phi_{27}^{4}\ \Phi_{24}\ \Phi_{18}^{4}\ \Phi_{16}^{5}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
118386	1625	648	$\frac{1}{81}$	$\frac{16}{81}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{648}^{4}\ \Phi_{216}^{4}\ \Phi_{81}^{4}\ \Phi_{72}^{4}\ \Phi_{27}^{4}\ \Phi_{24}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{5}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
118387	1625	264	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^{10}\ \Phi_{88}^{10}\ \Phi_{66}^{5}\ \Phi_{33}^{5}\ \Phi_{24}^{8}\ \Phi_{22}^{5}\ \Phi_{11}^{5}\ \Phi_{8}^{9}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
118388	1625	1512	$\frac{1}{54}$	$\frac{53}{378}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1512}^{2}\ \Phi_{504}^{2}\ \Phi_{378}\ \Phi_{189}\ \Phi_{168}^{2}\ \Phi_{126}\ \Phi_{63}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
118389	1625	2664	$\frac{8}{333}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2664}\ \Phi_{888}\ \Phi_{333}\ \Phi_{296}\ \Phi_{111}\ \Phi_{37}\ \Phi_{8}\ \Phi_{1}$
118390	1625	72	$\frac{1}{36}$	$\frac{7}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^{21}\ \Phi_{36}^{24}\ \Phi_{24}^{21}\ \Phi_{18}^{24}\ \Phi_{12}^{24}\ \Phi_{9}^{24}\ \Phi_{8}^{22}\ \Phi_{6}^{24}\ \Phi_{4}^{24}\ \Phi_{3}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
118391	1625	336	$\frac{11}{336}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{336}^{5}\ \Phi_{168}^{5}\ \Phi_{112}^{5}\ \Phi_{84}^{5}\ \Phi_{56}^{5}\ \Phi_{48}^{5}\ \Phi_{42}^{5}\ \Phi_{28}^{5}\ \Phi_{24}\ \Phi_{21}^{5}\ \Phi_{16}^{5}\ \Phi_{14}^{5}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
118392	1625	216	$\frac{1}{27}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^{12}\ \Phi_{72}^{12}\ \Phi_{27}^{12}\ \Phi_{24}^{12}\ \Phi_{9}^{12}\ \Phi_{8}^{13}\ \Phi_{3}^{12}\ \Phi_{1}^{13}$
118393	1625	728	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{728}^{4}\ \Phi_{182}^{2}\ \Phi_{104}^{2}\ \Phi_{91}^{2}\ \Phi_{56}^{2}\ \Phi_{26}\ \Phi_{14}\ \Phi_{13}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
118394	1625	1368	$\frac{17}{342}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1368}^{2}\ \Phi_{456}^{2}\ \Phi_{342}\ \Phi_{171}\ \Phi_{152}^{2}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
118395	1625	336	$\frac{11}{336}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{336}^{5}\ \Phi_{168}^{5}\ \Phi_{112}^{5}\ \Phi_{84}^{4}\ \Phi_{56}^{5}\ \Phi_{48}^{5}\ \Phi_{42}^{5}\ \Phi_{28}^{4}\ \Phi_{24}^{5}\ \Phi_{21}^{5}\ \Phi_{16}^{5}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{5}\ \Phi_{7}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
118396	1625	348	$\frac{1}{29}$	$\frac{23}{348}$	$\frac{28}{87}$	$\frac{59}{174}$	$\Phi_{348}^{5}\ \Phi_{174}^{4}\ \Phi_{116}^{5}\ \Phi_{87}^{5}\ \Phi_{58}^{4}\ \Phi_{29}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
118397	1625	2448	$\frac{7}{408}$	$\frac{1}{8}$	$\frac{401}{1224}$	$\frac{823}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{144}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
118398	1625	2088	$\frac{1}{116}$	$\frac{463}{2088}$	$\frac{115}{348}$	$\frac{233}{696}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{522}\ \Phi_{348}\ \Phi_{261}\ \Phi_{174}\ \Phi_{87}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
118399	1625	2436	$\frac{1}{203}$	$\frac{202}{609}$	$\frac{811}{2436}$	$\frac{407}{1218}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{609}\ \Phi_{348}\ \Phi_{116}\ \Phi_{87}\ \Phi_{84}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
118400	1625	930	$\frac{1}{62}$	$\frac{2}{15}$	$\frac{61}{186}$	$\frac{1}{3}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{310}^2\ \Phi_{186}\ \Phi_{155}^2\ \Phi_{93}\ \Phi_{30}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6\ \Phi_5^3\ \Phi_3\ \Phi_1$
118401	1625	864	$\frac{1}{32}$	$\frac{2}{27}$	$\frac{31}{96}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
118402	1625	1920	$\frac{3}{128}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
118403	1625	1836	$\frac{3}{68}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{153}\ \Phi_{68}\ \Phi_{34}\ \Phi_{27}\ \Phi_{17}\ \Phi_9\ \Phi_1$
118404	1625	1092	$\frac{1}{26}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}^2\ \Phi_{91}\ \Phi_{84}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{28}\ \Phi_{26}\ \Phi_{21}\ \Phi_{13}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
118405	1625	936	$\frac{1}{26}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}\ \Phi_{156}^2\ \Phi_{117}\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{36}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
118406	1625	465	$\frac{1}{31}$	$\frac{2}{15}$	$\frac{6}{31}$	$\frac{1}{3}$	$\Phi_{465}^4\ \Phi_{155}^4\ \Phi_{31}^4\ \Phi_{15}^5\ \Phi_5^5\ \Phi_1^5$
118407	1625	432	$\frac{1}{16}$	$\frac{2}{27}$	$\frac{3}{16}$	$\frac{1}{3}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^5\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_9^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
118408	1625	390	$\frac{1}{26}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{390}^5\ \Phi_{195}^5\ \Phi_{130}^5\ \Phi_{78}^2\ \Phi_{65}^5\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}\ \Phi_{15}^3\ \Phi_{13}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^3\ \Phi_3\ \Phi_1$
118409	1625	378	$\frac{1}{14}$	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{378}^5\ \Phi_{189}^5\ \Phi_{126}^5\ \Phi_{63}^5\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{27}^3\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}\ \Phi_9^3\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
118410	1625	216	$\frac{2}{27}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{216}^8\ \Phi_{108}^8\ \Phi_{72}^6\ \Phi_{54}^8\ \Phi_{36}^6\ \Phi_{27}^9\ \Phi_{24}^7\ \Phi_{18}^6\ \Phi_{12}^7\ \Phi_9^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
118411	1625	558	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{61}{186}$	$\Phi_{558}^4\ \Phi_{279}^4\ \Phi_{186}\ \Phi_{93}\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6\ \Phi_3\ \Phi_1$
118412	1625	1488	$\frac{1}{62}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{61}{186}$	$\Phi_{1488}^2\ \Phi_{744}^2\ \Phi_{186}\ \Phi_{93}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
118413	1625	2016	$\frac{1}{56}$	$\frac{391}{2016}$	$\frac{113}{504}$	$\frac{55}{168}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
118414	1625	483	$\frac{3}{161}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{158}{483}$	$\Phi_{483}^5\ \Phi_{69}^5\ \Phi_{21}^5\ \Phi_7^2\ \Phi_3^5\ \Phi_1^3$
118415	1625	288	$\frac{1}{32}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{31}{96}$	$\Phi_{288}^8\ \Phi_{144}^8\ \Phi_{96}\ \Phi_{72}^8\ \Phi_{48}\ \Phi_{36}^9\ \Phi_{24}\ \Phi_{18}^9\ \Phi_{12}\ \Phi_9^9\ \Phi_6\ \Phi_3\ \Phi_1$
118416	1625	672	$\frac{1}{32}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{31}{96}$	$\Phi_{672}^4\ \Phi_{336}^4\ \Phi_{168}^4\ \Phi_{96}\ \Phi_{84}^4\ \Phi_{48}\ \Phi_{42}^4\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}^4\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
118417	1625	96	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{31}{96}$	$\Phi_{96}^{25}\ \Phi_{48}^{25}\ \Phi_{32}\ \Phi_{24}^{25}\ \Phi_{16}\ \Phi_{12}^{25}\ \Phi_6^{25}\ \Phi_3^{25}\ \Phi_1$
118418	1625	96	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{31}{96}$	$\Phi_{96}^{17}\ \Phi_{48}^{17}\ \Phi_{32}^{16}\ \Phi_{24}^{17}\ \Phi_{16}^{16}\ \Phi_{12}^{17}\ \Phi_8^{16}\ \Phi_6^{21}\ \Phi_4^{16}\ \Phi_3^{21}\ \Phi_2^{20}\ \Phi_1^{21}$
118419	1625	2349	$\frac{1}{29}$	$\frac{59}{783}$	$\frac{724}{2349}$	$\frac{28}{87}$	$\Phi_{2349}\ \Phi_{87}\ \Phi_{81}\ \Phi_3\ \Phi_1$
118420	1625	1827	$\frac{1}{29}$	$\frac{202}{1827}$	$\frac{59}{261}$	$\frac{28}{87}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{203}\ \Phi_{87}\ \Phi_{63}\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1$
118421	1625	2088	$\frac{1}{29}$	$\frac{59}{522}$	$\frac{463}{2088}$	$\frac{28}{87}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{116}\ \Phi_{87}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
118422	1625	2394	$\frac{29}{798}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{769}{2394}$	$\Phi_{2394}\ \Phi_{1197}\ \Phi_{342}\ \Phi_{171}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
118423	1625	2376	$\frac{41}{792}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{751}{2376}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{44}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
118424	1625	1134	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{37}{162}$	$\frac{17}{54}$	$\Phi_{1134}^2\ \Phi_{567}^2\ \Phi_{162}\ \Phi_{126}^2\ \Phi_{81}\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
118425	1625	132	$\frac{7}{132}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{132}^{12}\ \Phi_{66}^{12}\ \Phi_{44}^{13}\ \Phi_{33}^{12}\ \Phi_{22}^{13}\ \Phi_{12}^{12}\ \Phi_{11}^{13}\ \Phi_6^{12}\ \Phi_4^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
118426	1625	612	$\frac{3}{68}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{612}^4\ \Phi_{306}^4\ \Phi_{153}^4\ \Phi_{68}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_9\ \Phi_1$
118427	1625	144	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{3}{16}$	$\frac{11}{36}$	$\Phi_{144}^{16}\ \Phi_{72}^{16}\ \Phi_{36}^{17}\ \Phi_{18}^{17}\ \Phi_{16}^4\ \Phi_9^{17}\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
118428	1625	252	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{36}$	$\Phi_{252}^{10}\ \Phi_{126}^{10}\ \Phi_{63}^{10}\ \Phi_{42}^2\ \Phi_{36}^5\ \Phi_{21}^2\ \Phi_{18}^5\ \Phi_{14}\ \Phi_9^5\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
118429	1625	72	$\frac{1}{12}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{11}{36}$	$\Phi_{72}^{21}\ \Phi_{36}^{22}\ \Phi_{24}^{25}\ \Phi_{18}^{22}\ \Phi_{12}^{25}\ \Phi_9^{22}\ \Phi_8^{24}\ \Phi_6^{25}\ \Phi_4^{24}\ \Phi_3^{25}\ \Phi_2^{24}\ \Phi_1^{25}$
118430	1625	378	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{53}{378}$	$\frac{113}{378}$	$\Phi_{378}^4\ \Phi_{189}^4\ \Phi_{126}^5\ \Phi_{63}^5\ \Phi_{54}^4\ \Phi_{42}^5\ \Phi_{27}^4\ \Phi_{21}^5\ \Phi_{18}^5\ \Phi_{14}^4\ \Phi_9^5\ \Phi_7^4\ \Phi_6^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
118431	1625	2304	$\frac{7}{96}$	$\frac{89}{768}$	$\frac{1}{8}$	$\frac{679}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
118432	1625	336	$\frac{11}{336}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{48}^5\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_7^2\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_1^3$
118433	1625	161	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{31}{161}$	$\frac{2}{7}$	$\Phi_{161}^{10}\ \Phi_{23}^{10}\ \Phi_7^{12}\ \Phi_1^{13}$
118434	1625	28	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{28}^{65}\ \Phi_{14}^{50}\ \Phi_7^{52}\ \Phi_4^{65}\ \Phi_2^{50}\ \Phi_1^{53}$
118435	1625	1728	$\frac{103}{1728}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{144}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
118436	1625	2268	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{113}{756}$	$\frac{643}{2268}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{162}\ \Phi_{126}\ \Phi_{81}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
118437	1625	1152	$\frac{3}{128}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{1152}^2\ \Phi_{576}^2\ \Phi_{288}^2\ \Phi_{144}^2\ \Phi_{128}\ \Phi_{72}^2\ \Phi_{64}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
118438	1625	558	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{6}{31}$	$\frac{5}{18}$	$\Phi_{558}^4\ \Phi_{279}^4\ \Phi_{31}^4\ \Phi_{18}^5\ \Phi_9^5\ \Phi_1^5$
118439	1625	234	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{234}^{10}\ \Phi_{117}^{10}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{18}^5\ \Phi_{13}\ \Phi_9^5\ \Phi_6\ \Phi_3\ \Phi_1$
118440	1625	444	$\frac{3}{148}$	$\frac{29}{148}$	$\frac{1}{4}$	$\frac{119}{444}$	$\Phi_{444}^5\ \Phi_{222}^5\ \Phi_{148}\ \Phi_{111}^5\ \Phi_{74}\ \Phi_{37}\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
118441	1625	168	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{168}$	$\Phi_{168}^{13}\ \Phi_{84}^{13}\ \Phi_{42}^{13}\ \Phi_{24}^{13}\ \Phi_{21}^{13}\ \Phi_{14}^{12}\ \Phi_{12}^{13}\ \Phi_7^{12}\ \Phi_6^{13}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
118442	1625	87	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{7}{29}$	$\frac{22}{87}$	$\Phi_{87}^{25}\ \Phi_{29}^6\ \Phi_3^{25}\ \Phi_1^7$
118443	1625	128	$\frac{3}{128}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{128}^{13}\ \Phi_{64}^{13}\ \Phi_{32}^{13}\ \Phi_{16}^{10}\ \Phi_8^{10}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
118444	1625	476	$\frac{3}{68}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{476}^4\ \Phi_{238}^4\ \Phi_{119}^4\ \Phi_{68}\ \Phi_{34}\ \Phi_{28}\ \Phi_{17}\ \Phi_{14}\ \Phi_7\ \Phi_1$
118445	1625	496	$\frac{3}{124}$	$\frac{3}{16}$	$\frac{121}{496}$	$\frac{1}{4}$	$\Phi_{496}^3\ \Phi_{248}^3\ \Phi_{124}^4\ \Phi_{62}^4\ \Phi_{31}^4\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
118446	1625	352	$\frac{3}{44}$	$\frac{27}{352}$	$\frac{41}{176}$	$\frac{1}{4}$	$\Phi_{352}^5\ \Phi_{176}^4\ \Phi_{88}^4\ \Phi_{44}^5\ \Phi_{32}^5\ \Phi_{22}^5\ \Phi_{16}^4\ \Phi_{11}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
118447	1625	2112	$\frac{3}{44}$	$\frac{41}{528}$	$\frac{487}{2112}$	$\frac{1}{4}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
118448	1625	544	$\frac{3}{68}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{544}^4\ \Phi_{272}^4\ \Phi_{68}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
118449	1625	496	$\frac{1}{31}$	$\frac{3}{16}$	$\frac{6}{31}$	$\frac{1}{4}$	$\Phi_{496}^4\ \Phi_{248}^4\ \Phi_{31}^4\ \Phi_{16}^5\ \Phi_8^5\ \Phi_1^5$
118450	1625	624	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{624}^4\ \Phi_{312}^4\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{48}^2\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
118451	1625	112	$\frac{1}{16}$	$\frac{3}{28}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{112}^{16}\ \Phi_{56}^{16}\ \Phi_{28}^{17}\ \Phi_{16}^4\ \Phi_{14}^{17}\ \Phi_8^4\ \Phi_7^{17}\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
118452	1625	396	$\frac{3}{44}$	$\frac{41}{396}$	$\frac{71}{396}$	$\frac{1}{4}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^4\ \Phi_{99}^4\ \Phi_{66}^4\ \Phi_{44}^5\ \Phi_{36}^4\ \Phi_{33}^4\ \Phi_{22}^5\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{11}^5\ \Phi_9^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
118453	1625	204	$\frac{3}{68}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{204}^8\ \Phi_{102}^8\ \Phi_{68}^9\ \Phi_{51}^8\ \Phi_{34}^9\ \Phi_{17}^9\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
118454	1625	84	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{84}^{22}\ \Phi_{42}^{24}\ \Phi_{28}^{11}\ \Phi_{21}^{24}\ \Phi_{14}^{12}\ \Phi_{12}^{24}\ \Phi_7^{12}\ \Phi_6^{25}\ \Phi_4^{12}\ \Phi_3^{25}\ \Phi_2^{12}\ \Phi_1^{13}$
118455	1625	1848	$\frac{3}{44}$	$\frac{223}{1848}$	$\frac{41}{264}$	$\frac{1}{4}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{84}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{42}\ \Phi_{28}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_1$
118456	1625	224	$\frac{3}{32}$	$\frac{3}{28}$	$\frac{29}{224}$	$\frac{1}{4}$	$\Phi_{224}^7\ \Phi_{112}^7\ \Phi_{56}^7\ \Phi_{32}^8\ \Phi_{28}^8\ \Phi_{16}^8\ \Phi_{14}^8\ \Phi_8^8\ \Phi_7^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
118457	1625	504	$\frac{7}{72}$	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{72}\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}^4\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
118458	1625	384	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{59}{384}$	$\frac{89}{384}$	$\Phi_{384}^4\ \Phi_{192}^4\ \Phi_{128}^4\ \Phi_{96}^5\ \Phi_{64}^4\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^5\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
118459	1625	2112	$\frac{41}{528}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{487}{2112}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
118460	1625	84	$\frac{2}{21}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{19}{84}$	$\Phi_{84}^{18}\ \Phi_{42}^{18}\ \Phi_{28}^{20}\ \Phi_{21}^{21}\ \Phi_{14}^{20}\ \Phi_{12}^{18}\ \Phi_7^{22}\ \Phi_6^{18}\ \Phi_4^{20}\ \Phi_3^{21}\ \Phi_2^{20}\ \Phi_1^{23}$
118461	1625	2016	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{391}{2016}$	$\frac{113}{504}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
118462	1625	32	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{32}$	$\Phi_{32}^{65}\ \Phi_{16}^{37}\ \Phi_8^{36}\ \Phi_4^{36}\ \Phi_2^{36}\ \Phi_1^{37}$
118463	1625	672	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{32}$	$\Phi_{672}^4\ \Phi_{336}^4\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{32}\ \Phi_{21}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
118464	1625	352	$\frac{27}{352}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{7}{32}$	$\Phi_{352}^5\ \Phi_{176}^5\ \Phi_{88}^5\ \Phi_{44}^5\ \Phi_{32}\ \Phi_{22}^5\ \Phi_{16}\ \Phi_{11}^5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
118465	1625	384	$\frac{5}{64}$	$\frac{1}{8}$	$\frac{59}{384}$	$\frac{7}{32}$	$\Phi_{384}^{5}\ \Phi_{192}^{5}\ \Phi_{128}^{5}\ \Phi_{96}^{5}\ \Phi_{48}^{5}\ \Phi_{32}\ \Phi_{24}^{5}\ \Phi_{16}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}$
118466	1625	288	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{32}$	$\Phi_{288}^{8}\ \Phi_{144}^{8}\ \Phi_{96}^{8}\ \Phi_{72}\ \Phi_{48}^{8}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
118467	1625	1008	$\frac{1}{14}$	$\frac{19}{144}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{252}^{2}\ \Phi_{144}\ \Phi_{126}^{2}\ \Phi_{112}^{2}\ \Phi_{72}\ \Phi_{63}^{2}\ \Phi_{48}\ \Phi_{42}^{2}\ \Phi_{36}\ \Phi_{21}^{2}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
118468	1625	48	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{3}{16}$	$\Phi_{48}^{32}\ \Phi_{24}^{32}\ \Phi_{16}^{36}\ \Phi_{12}^{32}\ \Phi_{8}^{36}\ \Phi_{6}^{36}\ \Phi_{4}^{36}\ \Phi_{3}^{36}\ \Phi_{2}^{40}\ \Phi_{1}^{41}$
118469	1625	203	$\frac{13}{203}$	$\frac{33}{203}$	$\frac{34}{203}$	$\frac{38}{203}$	$\Phi_{203}^{8}\ \Phi_{29}^{8}\ \Phi_{7}^{8}\ \Phi_{1}^{9}$
118470	1625	978	$\frac{21}{326}$	$\frac{53}{326}$	$\frac{1}{6}$	$\frac{61}{326}$	$\Phi_{978}^{2}\ \Phi_{489}^{2}\ \Phi_{326}\ \Phi_{163}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
118471	1625	319	$\frac{24}{319}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{59}{319}$	$\Phi_{319}^{5}\ \Phi_{29}^{6}\ \Phi_{11}^{5}\ \Phi_{1}^{7}$
118472	1625	42	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{42}^{42}\ \Phi_{21}^{42}\ \Phi_{14}^{41}\ \Phi_{7}^{41}\ \Phi_{6}^{21}\ \Phi_{3}^{21}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
118473	1625	72	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{72}^{25}\ \Phi_{36}^{25}\ \Phi_{24}^{17}\ \Phi_{18}^{25}\ \Phi_{12}^{17}\ \Phi_{9}^{25}\ \Phi_{8}^{16}\ \Phi_{6}^{21}\ \Phi_{4}^{16}\ \Phi_{3}^{21}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
118474	1626	1300	$\frac{1}{325}$	$\frac{163}{650}$	$\frac{487}{1300}$	$\frac{162}{325}$	$\Phi_{1300}^{2}\ \Phi_{325}\ \Phi_{260}^{2}\ \Phi_{100}^{2}\ \Phi_{65}\ \Phi_{52}^{2}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{13}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
118475	1626	540	$\frac{1}{270}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{269}{540}$	$\Phi_{540}^{6}\ \Phi_{180}^{6}\ \Phi_{108}^{6}\ \Phi_{60}^{6}\ \Phi_{36}^{6}\ \Phi_{20}^{6}\ \Phi_{12}^{6}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
118476	1626	540	$\frac{1}{270}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{269}{540}$	$\Phi_{540}^{2}\ \Phi_{270}^{4}\ \Phi_{180}^{2}\ \Phi_{135}^{4}\ \Phi_{108}^{2}\ \Phi_{90}^{4}\ \Phi_{60}^{2}\ \Phi_{54}^{4}\ \Phi_{45}^{4}\ \Phi_{36}^{2}\ \Phi_{30}^{4}\ \Phi_{27}^{4}\ \Phi_{20}^{2}\ \Phi_{18}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{4}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
118477	1626	724	$\frac{1}{181}$	$\frac{1}{4}$	$\frac{91}{362}$	$\frac{90}{181}$	$\Phi_{724}^{3}\ \Phi_{362}\ \Phi_{181}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
118478	1626	500	$\frac{1}{125}$	$\frac{21}{250}$	$\frac{229}{500}$	$\frac{62}{125}$	$\Phi_{500}^{6}\ \Phi_{125}\ \Phi_{100}^{6}\ \Phi_{25}\ \Phi_{20}^{6}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
118479	1626	375	$\frac{1}{125}$	$\frac{21}{125}$	$\frac{104}{375}$	$\frac{62}{125}$	$\Phi_{375}^{6}\ \Phi_{125}\ \Phi_{75}^{6}\ \Phi_{25}\ \Phi_{15}^{6}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
118480	1626	1000	$\frac{1}{125}$	$\frac{187}{1000}$	$\frac{63}{250}$	$\frac{62}{125}$	$\Phi_{1000}^{2}\ \Phi_{500}^{2}\ \Phi_{200}^{2}\ \Phi_{125}\ \Phi_{100}^{2}\ \Phi_{40}^{2}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
118481	1626	1612	$\frac{7}{806}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{799}{1612}$	$\Phi_{1612}^{2}\ \Phi_{124}^{2}\ \Phi_{52}^{2}\ \Phi_{13}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
118482	1626	3752	$\frac{3}{268}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{265}{536}$	$\Phi_{3752}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
118483	1626	4818	$\frac{10}{803}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{793}{1606}$	$\Phi_{4818}\ \Phi_{438}\ \Phi_{66}\ \Phi_{33}\ \Phi_{6}$
118484	1626	888	$\frac{1}{74}$	$\frac{25}{296}$	$\frac{1}{3}$	$\frac{73}{148}$	$\Phi_{888}^{3}\ \Phi_{444}^{2}\ \Phi_{222}^{3}\ \Phi_{111}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
118485	1626	520	$\frac{1}{65}$	$\frac{11}{260}$	$\frac{249}{520}$	$\frac{32}{65}$	$\Phi_{520}^{6}\ \Phi_{104}^{6}\ \Phi_{65}\ \Phi_{40}^{6}\ \Phi_{13}\ \Phi_{8}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
118486	1626	390	$\frac{1}{65}$	$\frac{11}{130}$	$\frac{119}{390}$	$\frac{32}{65}$	$\Phi_{390}^{6}\ \Phi_{195}^{6}\ \Phi_{78}^{6}\ \Phi_{65}\ \Phi_{39}^{6}\ \Phi_{30}^{6}\ \Phi_{15}^{6}\ \Phi_{13}\ \Phi_{6}^{6}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
118487	1626	910	$\frac{1}{65}$	$\frac{97}{910}$	$\frac{33}{130}$	$\frac{32}{65}$	$\Phi_{910}^{2}\ \Phi_{455}^{2}\ \Phi_{182}^{2}\ \Phi_{91}^{2}\ \Phi_{70}^{2}\ \Phi_{65}\ \Phi_{35}^{2}\ \Phi_{14}^{2}\ \Phi_{13}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
118488	1626	1040	$\frac{1}{65}$	$\frac{33}{260}$	$\frac{227}{1040}$	$\frac{32}{65}$	$\Phi_{1040}^{2}\ \Phi_{520}^{2}\ \Phi_{208}^{2}\ \Phi_{104}^{2}\ \Phi_{80}^{2}\ \Phi_{65}\ \Phi_{40}^{2}\ \Phi_{16}^{2}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
118489	1626	325	$\frac{1}{65}$	$\frac{54}{325}$	$\frac{11}{65}$	$\frac{32}{65}$	$\Phi_{325}^{6}\ \Phi_{65}\ \Phi_{25}^{6}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}^{2}$
118490	1626	1600	$\frac{13}{800}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{787}{1600}$	$\Phi_{1600}^{2}\ \Phi_{320}^{2}\ \Phi_{64}^{2}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
118491	1626	533	$\frac{9}{533}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{262}{533}$	$\Phi_{533}^{3}\ \Phi_{41}^{3}\ \Phi_{13}^{5}\ \Phi_{1}^{6}$
118492	1626	364	$\frac{2}{91}$	$\frac{1}{13}$	$\frac{93}{364}$	$\frac{89}{182}$	$\Phi_{364}^{6}\ \Phi_{91}^{6}\ \Phi_{52}^{6}\ \Phi_{28}^{6}\ \Phi_{13}^{5}\ \Phi_{7}^{6}\ \Phi_{4}^{6}\ \Phi_{1}^{6}$
118493	1626	528	$\frac{7}{264}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{257}{528}$	$\Phi_{528}^{6}\ \Phi_{176}^{6}\ \Phi_{66}\ \Phi_{48}^{6}\ \Phi_{33}\ \Phi_{16}^{6}\ \Phi_{6}$
118494	1626	3696	$\frac{7}{264}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{257}{528}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{336}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
118495	1626	525	$\frac{17}{525}$	$\frac{1}{25}$	$\frac{8}{25}$	$\frac{254}{525}$	$\Phi_{525}^{3}\ \Phi_{175}^{3}\ \Phi_{105}^{3}\ \Phi_{75}^{3}\ \Phi_{35}^{3}\ \Phi_{25}^{5}\ \Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{7}^{5}\ \Phi_{5}^{3}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
118496	1626	400	$\frac{13}{400}$	$\frac{1}{25}$	$\frac{129}{400}$	$\frac{12}{25}$	$\Phi_{400}^{4}\ \Phi_{200}^{4}\ \Phi_{100}^{4}\ \Phi_{80}^{4}\ \Phi_{50}^{4}\ \Phi_{40}^{4}\ \Phi_{25}^{5}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
118497	1626	850	$\frac{1}{25}$	$\frac{37}{850}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{850}^{2}\ \Phi_{425}^{2}\ \Phi_{170}^{2}\ \Phi_{85}^{2}\ \Phi_{34}^{2}\ \Phi_{25}\ \Phi_{17}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
118498	1626	1000	$\frac{1}{25}$	$\frac{13}{200}$	$\frac{187}{1000}$	$\frac{12}{25}$	$\Phi_{1000}^{2}\ \Phi_{500}^{2}\ \Phi_{250}^{2}\ \Phi_{125}^{2}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
118499	1626	300	$\frac{1}{25}$	$\frac{29}{300}$	$\frac{13}{100}$	$\frac{12}{25}$	$\Phi_{300}^{6}\ \Phi_{150}^{6}\ \Phi_{100}^{4}\ \Phi_{75}^{6}\ \Phi_{60}^{6}\ \Phi_{50}^{4}\ \Phi_{30}^{6}\ \Phi_{25}^{5}\ \Phi_{20}^{4}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{10}^{4}\ \Phi_{6}^{6}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
118500	1626	520	$\frac{2}{65}$	$\frac{11}{260}$	$\frac{21}{65}$	$\frac{249}{520}$	$\Phi_{520}^{6}\ \Phi_{104}^{6}\ \Phi_{65}\ \Phi_{40}^{6}\ \Phi_{13}\ \Phi_{8}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
118501	1626	520	$\frac{11}{260}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{249}{520}$	$\Phi_{520}^{6}\ \Phi_{104}^{6}\ \Phi_{40}^{6}\ \Phi_{13}^{5}\ \Phi_{8}^{6}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
118502	1626	1100	$\frac{1}{25}$	$\frac{12}{275}$	$\frac{287}{1100}$	$\frac{263}{550}$	$\Phi_{1100}^2\ \Phi_{275}^2\ \Phi_{220}^2\ \Phi_{100}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
118503	1626	2508	$\frac{23}{836}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{627}\ \Phi_{228}\ \Phi_{114}\ \Phi_{66}\ \Phi_{57}\ \Phi_{33}\ \Phi_6$
118504	1626	1554	$\frac{1}{37}$	$\frac{12}{259}$	$\frac{1}{3}$	$\frac{247}{518}$	$\Phi_{1554}^3\ \Phi_{222}^3\ \Phi_{111}\ \Phi_{42}^3\ \Phi_6^3$
118505	1626	1547	$\frac{79}{1547}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{734}{1547}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}\ \Phi_{91}^2\ \Phi_{17}\ \Phi_{13}\ \Phi_7^2\ \Phi_1^2$
118506	1626	312	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{41}{312}$	$\frac{37}{78}$	$\Phi_{312}^6\ \Phi_{156}^6\ \Phi_{104}^6\ \Phi_{52}^6\ \Phi_{39}^6\ \Phi_{24}^6\ \Phi_{13}^5\ \Phi_{12}^6\ \Phi_8^6\ \Phi_4^6\ \Phi_3^6\ \Phi_1^6$
118507	1626	3584	$\frac{15}{256}$	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{241}{512}$	$\Phi_{3584}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
118508	1626	2016	$\frac{17}{288}$	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
118509	1626	3570	$\frac{1}{17}$	$\frac{16}{255}$	$\frac{1}{7}$	$\frac{239}{510}$	$\Phi_{3570}\ \Phi_{1190}\ \Phi_{714}\ \Phi_{238}\ \Phi_{210}\ \Phi_{119}\ \Phi_{70}\ \Phi_{42}\ \Phi_{14}$
118510	1626	910	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{97}{910}$	$\frac{85}{182}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{130}^2\ \Phi_{91}^2\ \Phi_{70}^2\ \Phi_{65}^2\ \Phi_{35}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^2$
118511	1626	507	$\frac{35}{507}$	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{236}{507}$	$\Phi_{507}^3\ \Phi_{169}^3\ \Phi_{39}^6\ \Phi_{13}^5\ \Phi_3^6\ \Phi_1^6$
118512	1626	403	$\frac{7}{403}$	$\frac{1}{13}$	$\frac{132}{403}$	$\frac{6}{13}$	$\Phi_{403}^4\ \Phi_{31}^4\ \Phi_{13}^5\ \Phi_1^6$
118513	1626	832	$\frac{19}{832}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{832}^2\ \Phi_{416}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{64}^2\ \Phi_{52}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
118514	1626	500	$\frac{2}{125}$	$\frac{21}{250}$	$\frac{41}{125}$	$\frac{229}{500}$	$\Phi_{500}^6\ \Phi_{125}\ \Phi_{100}^6\ \Phi_{25}\ \Phi_{20}^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
118515	1626	500	$\frac{1}{25}$	$\frac{21}{250}$	$\frac{4}{25}$	$\frac{229}{500}$	$\Phi_{500}^6\ \Phi_{100}^6\ \Phi_{25}^5\ \Phi_{20}^6\ \Phi_5^5\ \Phi_4^6\ \Phi_1^6$
118516	1626	4440	$\frac{1}{74}$	$\frac{73}{740}$	$\frac{1}{3}$	$\frac{667}{1480}$	$\Phi_{4440}\ \Phi_{888}\ \Phi_{222}\ \Phi_{120}\ \Phi_{111}\ \Phi_{24}\ \Phi_6$
118517	1626	1456	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{85}{728}$	$\frac{643}{1456}$	$\Phi_{1456}^2\ \Phi_{208}^2\ \Phi_{112}^2\ \Phi_{91}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_1^2$
118518	1626	476	$\frac{1}{34}$	$\frac{33}{238}$	$\frac{1}{7}$	$\frac{205}{476}$	$\Phi_{476}^6\ \Phi_{238}\ \Phi_{119}\ \Phi_{68}^6\ \Phi_{28}^6\ \Phi_{14}\ \Phi_4^6$
118519	1626	286	$\frac{15}{286}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{26}$	$\Phi_{286}^6\ \Phi_{143}^6\ \Phi_{22}^6\ \Phi_{13}^5\ \Phi_{11}^6\ \Phi_1^6$
118520	1626	468	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{37}{234}$	$\frac{197}{468}$	$\Phi_{468}^6\ \Phi_{156}^6\ \Phi_{52}^6\ \Phi_{39}^6\ \Phi_{36}^6\ \Phi_{13}^5\ \Phi_{12}^6\ \Phi_4^6\ \Phi_3^6\ \Phi_1^6$
118521	1626	300	$\frac{1}{25}$	$\frac{29}{300}$	$\frac{4}{25}$	$\frac{21}{50}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^6\ \Phi_{75}^6\ \Phi_{60}^6\ \Phi_{30}^6\ \Phi_{25}^5\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_6^6\ \Phi_5^5\ \Phi_4^6\ \Phi_3^6\ \Phi_1^6$
118522	1626	1375	$\frac{1}{25}$	$\frac{24}{275}$	$\frac{251}{1375}$	$\frac{562}{1375}$	$\Phi_{1375}\ \Phi_{275}^2\ \Phi_{125}\ \Phi_{55}^2\ \Phi_{25}\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
118523	1626	455	$\frac{4}{91}$	$\frac{1}{13}$	$\frac{87}{455}$	$\frac{184}{455}$	$\Phi_{455}^3\ \Phi_{91}^6\ \Phi_{65}^3\ \Phi_{35}^3\ \Phi_{13}^5\ \Phi_7^6\ \Phi_5^3\ \Phi_1^6$
118524	1626	1365	$\frac{2}{273}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}^2\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}^2\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
118525	1626	405	$\frac{1}{135}$	$\frac{1}{5}$	$\frac{134}{405}$	$\frac{2}{5}$	$\Phi_{405}^6\ \Phi_{81}^6\ \Phi_5\ \Phi_1^2$
118526	1626	820	$\frac{7}{820}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{820}^2\ \Phi_{410}^2\ \Phi_{205}^2\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
118527	1626	360	$\frac{1}{90}$	$\frac{1}{5}$	$\frac{89}{360}$	$\frac{2}{5}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^6\ \Phi_{72}^6\ \Phi_{60}^6\ \Phi_{40}^6\ \Phi_{36}^6\ \Phi_{24}^6\ \Phi_{20}^6\ \Phi_{12}^6\ \Phi_8^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
118528	1626	275	$\frac{4}{275}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{275}^6\ \Phi_{55}^6\ \Phi_{25}^6\ \Phi_{11}^6\ \Phi_5\ \Phi_1^2$
118529	1626	1380	$\frac{5}{276}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}^2\ \Phi_{230}\ \Phi_{138}^2\ \Phi_{115}\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{60}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
118530	1626	1620	$\frac{1}{54}$	$\frac{53}{324}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}^2\ \Phi_{180}\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
118531	1626	315	$\frac{1}{45}$	$\frac{44}{315}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{315}^6\ \Phi_{105}^6\ \Phi_{63}^6\ \Phi_{35}^6\ \Phi_{21}^6\ \Phi_7^6\ \Phi_5\ \Phi_1^2$
118532	1626	1395	$\frac{8}{279}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}^2\ \Phi_{155}\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_5\ \Phi_1^2$
118533	1626	280	$\frac{9}{280}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{56}^6\ \Phi_{40}^6\ \Phi_{35}^6\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_{14}^6\ \Phi_8^6\ \Phi_7^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
118534	1626	300	$\frac{1}{30}$	$\frac{29}{300}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^6\ \Phi_{75}^6\ \Phi_{60}^6\ \Phi_{50}^6\ \Phi_{25}^6\ \Phi_{20}^6\ \Phi_{12}^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
118535	1626	1485	$\frac{1}{27}$	$\frac{26}{297}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}^2\ \Phi_{165}\ \Phi_{99}^2\ \Phi_{55}\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
118536	1626	285	$\frac{14}{285}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{285}^6\ \Phi_{95}^6\ \Phi_{57}^6\ \Phi_{19}^6\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
118537	1626	1440	$\frac{1}{18}$	$\frac{17}{288}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}^2\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}^2\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{80}\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
118538	1626	273	$\frac{2}{273}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{273}^6\ \Phi_{91}^6\ \Phi_{39}^6\ \Phi_{21}^6\ \Phi_{13}^5\ \Phi_7^6\ \Phi_3^6\ \Phi_1^6$
118539	1626	2856	$\frac{1}{68}$	$\frac{1}{7}$	$\frac{67}{204}$	$\frac{137}{408}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{168}\ \Phi_{119}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
118540	1626	325	$\frac{4}{325}$	$\frac{54}{325}$	$\frac{107}{325}$	$\frac{109}{325}$	$\Phi_{325}^5\ \Phi_{65}^5\ \Phi_{25}^5\ \Phi_{13}^5\ \Phi_5^5\ \Phi_1^6$
118541	1626	1092	$\frac{2}{273}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{156}^2\ \Phi_{84}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_6$
118542	1626	1620	$\frac{1}{135}$	$\frac{1}{4}$	$\frac{134}{405}$	$\frac{1}{3}$	$\Phi_{1620}^2\ \Phi_{810}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{12}\ \Phi_6$
118543	1626	888	$\frac{1}{37}$	$\frac{25}{296}$	$\frac{12}{37}$	$\frac{1}{3}$	$\Phi_{888}^3\ \Phi_{444}^3\ \Phi_{222}^3\ \Phi_{111}\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3$
118544	1626	858	$\frac{1}{22}$	$\frac{15}{286}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{858}^3\ \Phi_{429}^3\ \Phi_{78}^3\ \Phi_{66}\ \Phi_{39}^3\ \Phi_{33}\ \Phi_6$
118545	1626	396	$\frac{1}{22}$	$\frac{7}{132}$	$\frac{125}{396}$	$\frac{1}{3}$	$\Phi_{396}^6\ \Phi_{198}^6\ \Phi_{99}^6\ \Phi_{66}\ \Phi_{36}^6\ \Phi_{33}\ \Phi_{18}^6\ \Phi_9^6\ \Phi_6$
118546	1626	1110	$\frac{1}{74}$	$\frac{73}{370}$	$\frac{99}{370}$	$\frac{1}{3}$	$\Phi_{1110}^2\ \Phi_{555}^2\ \Phi_{222}^3\ \Phi_{111}^3\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^3\ \Phi_3^2$
118547	1626	360	$\frac{1}{90}$	$\frac{89}{360}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{360}^6\ \Phi_{180}^2\ \Phi_{120}^6\ \Phi_{90}^4\ \Phi_{72}^6\ \Phi_{60}^2\ \Phi_{45}^4\ \Phi_{40}^6\ \Phi_{36}^2\ \Phi_{30}^4\ \Phi_{24}^6\ \Phi_{20}^2\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_9^4\ \Phi_8^6\ \Phi_6^5\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
118548	1626	2196	$\frac{7}{549}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2196}\ \Phi_{1098}\ \Phi_{732}\ \Phi_{366}\ \Phi_{244}\ \Phi_{122}\ \Phi_{12}\ \Phi_6$
118549	1626	3300	$\frac{4}{275}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{660}\ \Phi_{330}\ \Phi_{300}\ \Phi_{150}\ \Phi_{132}\ \Phi_{66}\ \Phi_{12}\ \Phi_6$
118550	1626	2700	$\frac{2}{135}$	$\frac{133}{675}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{50}\ \Phi_{12}\ \Phi_6$
118551	1626	276	$\frac{5}{276}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{276}^6\ \Phi_{138}^6\ \Phi_{92}^6\ \Phi_{69}^6\ \Phi_{46}^6\ \Phi_{23}^6\ \Phi_{12}^3\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
118552	1626	324	$\frac{1}{54}$	$\frac{53}{324}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{324}^6\ \Phi_{162}^6\ \Phi_{108}^2\ \Phi_{81}^6\ \Phi_{54}^4\ \Phi_{36}^2\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_9^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
118553	1626	1260	$\frac{1}{45}$	$\frac{44}{315}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_6$
118554	1626	2220	$\frac{13}{555}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{740}\ \Phi_{444}\ \Phi_{370}\ \Phi_{222}\ \Phi_{148}\ \Phi_{74}\ \Phi_{12}\ \Phi_6$
118555	1626	1116	$\frac{8}{279}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{372}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{12}\ \Phi_6$
118556	1626	840	$\frac{9}{280}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{60}\ \Phi_{42}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
118557	1626	300	$\frac{1}{30}$	$\frac{29}{300}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^6\ \Phi_{75}^6\ \Phi_{60}^2\ \Phi_{50}^6\ \Phi_{30}^4\ \Phi_{25}^6\ \Phi_{20}^2\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
118558	1626	1188	$\frac{1}{27}$	$\frac{26}{297}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{12}\ \Phi_6$
118559	1626	2268	$\frac{25}{567}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{378}\ \Phi_{324}\ \Phi_{252}\ \Phi_{162}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
118560	1626	2340	$\frac{2}{45}$	$\frac{43}{585}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{468}\ \Phi_{390}\ \Phi_{260}\ \Phi_{234}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}\ \Phi_{12}\ \Phi_6$
118561	1626	1140	$\frac{14}{285}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{228}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{12}\ \Phi_6$
118562	1626	288	$\frac{1}{18}$	$\frac{17}{288}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{288}^6\ \Phi_{144}^6\ \Phi_{96}^6\ \Phi_{72}^6\ \Phi_{48}^6\ \Phi_{36}^2\ \Phi_{32}^6\ \Phi_{24}^6\ \Phi_{18}^4\ \Phi_{16}^6\ \Phi_{12}^3\ \Phi_9^4\ \Phi_8^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
118563	1626	2640	$\frac{1}{22}$	$\frac{67}{880}$	$\frac{21}{88}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{240}\ \Phi_{165}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{48}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
118564	1626	1056	$\frac{1}{22}$	$\frac{7}{88}$	$\frac{81}{352}$	$\frac{1}{3}$	$\Phi_{1056}^3\ \Phi_{528}^3\ \Phi_{96}^3\ \Phi_{66}\ \Phi_{48}^3\ \Phi_{33}\ \Phi_6$
118565	1626	3108	$\frac{1}{37}$	$\frac{36}{259}$	$\frac{223}{1036}$	$\frac{1}{3}$	$\Phi_{3108}\ \Phi_{1554}\ \Phi_{444}\ \Phi_{222}\ \Phi_{111}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}\ \Phi_6$
118566	1626	330	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{59}{330}$	$\frac{1}{3}$	$\Phi_{330}^6\ \Phi_{165}^6\ \Phi_{110}^6\ \Phi_{66}\ \Phi_{55}^6\ \Phi_{33}\ \Phi_{30}^6\ \Phi_{15}^6\ \Phi_{10}^6\ \Phi_6\ \Phi_5^6$
118567	1626	924	$\frac{1}{22}$	$\frac{37}{308}$	$\frac{7}{44}$	$\frac{1}{3}$	$\Phi_{924}^3\ \Phi_{462}^3\ \Phi_{231}^3\ \Phi_{84}^3\ \Phi_{66}\ \Phi_{42}^3\ \Phi_{33}\ \Phi_{21}^3\ \Phi_6$
118568	1626	375	$\frac{2}{125}$	$\frac{21}{125}$	$\frac{104}{375}$	$\frac{41}{125}$	$\Phi_{375}^6\ \Phi_{125}\ \Phi_{75}^6\ \Phi_{25}\ \Phi_{15}^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
118569	1626	390	$\frac{2}{65}$	$\frac{11}{130}$	$\frac{119}{390}$	$\frac{21}{65}$	$\Phi_{390}^6\ \Phi_{195}^6\ \Phi_{78}^6\ \Phi_{65}\ \Phi_{39}^6\ \Phi_{30}^6\ \Phi_{15}^6\ \Phi_{13}\ \Phi_6^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
118570	1626	325	$\frac{2}{65}$	$\frac{54}{325}$	$\frac{11}{65}$	$\frac{21}{65}$	$\Phi_{325}^6\ \Phi_{65}\ \Phi_{25}^6\ \Phi_{13}\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
118571	1626	300	$\frac{1}{25}$	$\frac{29}{300}$	$\frac{17}{75}$	$\frac{8}{25}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^6\ \Phi_{75}^3\ \Phi_{60}^6\ \Phi_{50}^6\ \Phi_{30}^6\ \Phi_{25}^5\ \Phi_{20}^6\ \Phi_{15}^3\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_6^6\ \Phi_5^5\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
118572	1626	350	$\frac{1}{25}$	$\frac{17}{175}$	$\frac{79}{350}$	$\frac{8}{25}$	$\Phi_{350}^6\ \Phi_{175}^3\ \Phi_{70}^6\ \Phi_{50}^6\ \Phi_{35}^3\ \Phi_{25}^5\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7^3\ \Phi_5^5\ \Phi_2^6\ \Phi_1^6$
118573	1626	351	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{80}{351}$	$\frac{37}{117}$	$\Phi_{351}^6\ \Phi_{39}^6\ \Phi_{27}^6\ \Phi_{13}^5\ \Phi_3^6\ \Phi_1^6$
118574	1626	2142	$\frac{1}{17}$	$\frac{35}{306}$	$\frac{1}{7}$	$\frac{16}{51}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{714}\ \Phi_{238}\ \Phi_{126}\ \Phi_{119}\ \Phi_{63}\ \Phi_{42}\ \Phi_{14}$
118575	1626	390	$\frac{1}{13}$	$\frac{11}{130}$	$\frac{2}{13}$	$\frac{119}{390}$	$\Phi_{390}^6\ \Phi_{195}^6\ \Phi_{78}^6\ \Phi_{39}^6\ \Phi_{30}^6\ \Phi_{15}^6\ \Phi_{13}^5\ \Phi_6^6\ \Phi_3^6\ \Phi_1^6$
118576	1626	2688	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{7}$	$\frac{113}{384}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
118577	1626	2016	$\frac{17}{288}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
118578	1626	375	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{104}{375}$	$\Phi_{375}^6\ \Phi_{75}^6\ \Phi_{25}^5\ \Phi_{15}^6\ \Phi_5^5\ \Phi_3^6\ \Phi_1^6$
118579	1626	364	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{85}{364}$	$\frac{93}{364}$	$\Phi_{364}^4\ \Phi_{182}^4\ \Phi_{91}^6\ \Phi_{52}^4\ \Phi_{28}^4\ \Phi_{26}^4\ \Phi_{14}^4\ \Phi_{13}^5\ \Phi_7^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
118580	1626	2240	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{49}{320}$	$\frac{15}{64}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
118581	1626	2464	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{81}{352}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
118582	1626	312	$\frac{1}{13}$	$\frac{41}{312}$	$\frac{2}{13}$	$\frac{11}{52}$	$\Phi_{312}^6\ \Phi_{156}^6\ \Phi_{104}^6\ \Phi_{78}^6\ \Phi_{39}^6\ \Phi_{24}^6\ \Phi_{13}^5\ \Phi_{12}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_3^6\ \Phi_1^6$
118583	1626	2380	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{16}{85}$	$\frac{69}{340}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{476}\ \Phi_{238}\ \Phi_{140}\ \Phi_{119}\ \Phi_{70}\ \Phi_{28}\ \Phi_{14}$
118584	1626	325	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{54}{325}$	$\frac{11}{65}$	$\Phi_{325}^6\ \Phi_{25}^6\ \Phi_{13}^5\ \Phi_1^6$
118585	1627	2172	$\frac{2}{543}$	$\frac{545}{2172}$	$\frac{1}{3}$	$\frac{541}{1086}$	$\Phi_{2172}\ \Phi_{724}\ \Phi_{543}\ \Phi_{181}\ \Phi_{12}\ \Phi_4\ \Phi_1$
118586	1627	3240	$\frac{7}{1620}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1613}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
118587	1627	3240	$\frac{7}{1620}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1613}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
118588	1627	3216	$\frac{19}{1608}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1589}{3216}$	$\Phi_{3216}\ \Phi_{1072}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
118589	1627	3168	$\frac{43}{1584}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1541}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
118590	1627	1728	$\frac{5}{96}$	$\frac{101}{1728}$	$\frac{1}{6}$	$\frac{91}{192}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
118591	1627	3072	$\frac{5}{96}$	$\frac{91}{1536}$	$\frac{1}{6}$	$\frac{1445}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
118592	1627	3060	$\frac{5}{102}$	$\frac{97}{1530}$	$\frac{1}{6}$	$\frac{1433}{3060}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{204}\ \Phi_{180}\ \Phi_{102}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
118593	1627	2856	$\frac{5}{204}$	$\frac{199}{1428}$	$\frac{1}{6}$	$\frac{1229}{2856}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{204}\ \Phi_{168}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{56}\ \Phi_{51}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
118594	1627	2160	$\frac{7}{540}$	$\frac{1}{6}$	$\frac{533}{2160}$	$\frac{5}{12}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
118595	1627	1656	$\frac{29}{1656}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{72}\ \Phi_{69}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
118596	1627	1944	$\frac{7}{324}$	$\frac{317}{1944}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
118597	1627	1680	$\frac{53}{1680}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
118598	1627	1800	$\frac{7}{180}$	$\frac{173}{1800}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
118599	1627	1728	$\frac{101}{1728}$	$\frac{7}{108}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
118600	1627	1638	$\frac{11}{1638}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{234}\ \Phi_{182}\ \Phi_{126}\ \Phi_{117}\ \Phi_{91}\ \Phi_{78}\ \Phi_{63}\ \Phi_{42}\ \Phi_{39}\ \Phi_{26}\ \Phi_{21}\ \Phi_{14}\ \Phi_{13}\ \Phi_9\ \Phi_7\ \Phi_1$
118601	1627	2448	$\frac{5}{408}$	$\frac{1}{6}$	$\frac{403}{1224}$	$\frac{821}{2448}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{144}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
118602	1627	2430	$\frac{7}{810}$	$\frac{2}{9}$	$\frac{803}{2430}$	$\frac{1}{3}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{486}\ \Phi_{243}\ \Phi_9\ \Phi_1$
118603	1627	1647	$\frac{20}{1647}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1647}\ \Phi_{549}\ \Phi_{183}\ \Phi_{61}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
118604	1627	2160	$\frac{7}{540}$	$\frac{2}{9}$	$\frac{533}{2160}$	$\frac{1}{3}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
118605	1627	2025	$\frac{7}{405}$	$\frac{398}{2025}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{225}\ \Phi_{75}\ \Phi_{25}\ \Phi_9\ \Phi_1$
118606	1627	1656	$\frac{29}{1656}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{72}\ \Phi_{69}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_9\ \Phi_8\ \Phi_1$
118607	1627	1944	$\frac{7}{324}$	$\frac{317}{1944}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
118608	1627	1665	$\frac{38}{1665}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{333}\ \Phi_{185}\ \Phi_{111}\ \Phi_{37}\ \Phi_9\ \Phi_1$
118609	1627	1890	$\frac{7}{270}$	$\frac{263}{1890}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{210}\ \Phi_{189}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
118610	1627	1674	$\frac{47}{1674}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1674}\ \Phi_{837}\ \Phi_{558}\ \Phi_{279}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_9\ \Phi_1$
118611	1627	1800	$\frac{7}{180}$	$\frac{173}{1800}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
118612	1627	1782	$\frac{7}{162}$	$\frac{155}{1782}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_9\ \Phi_1$
118613	1627	1701	$\frac{74}{1701}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{243}\ \Phi_{189}\ \Phi_{63}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$
118614	1627	1710	$\frac{83}{1710}$	$\frac{7}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{342}\ \Phi_{285}\ \Phi_{190}\ \Phi_{171}\ \Phi_{114}\ \Phi_{95}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_9\ \Phi_1$
118615	1627	1755	$\frac{7}{135}$	$\frac{128}{1755}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{117}\ \Phi_{65}\ \Phi_{39}\ \Phi_{13}\ \Phi_9\ \Phi_1$
118616	1627	1728	$\frac{101}{1728}$	$\frac{7}{108}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
118617	1627	1836	$\frac{5}{102}$	$\frac{209}{1836}$	$\frac{1}{6}$	$\frac{97}{306}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{204}\ \Phi_{108}\ \Phi_{102}\ \Phi_{68}\ \Phi_{54}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{27}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
118618	1627	1728	$\frac{101}{1728}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{144}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
118619	1627	2304	$\frac{5}{96}$	$\frac{91}{768}$	$\frac{1}{6}$	$\frac{677}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
118620	1627	1920	$\frac{5}{96}$	$\frac{293}{1920}$	$\frac{1}{6}$	$\frac{91}{384}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
118621	1627	2112	$\frac{43}{528}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{485}{2112}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
118622	1627	2040	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{97}{510}$	$\frac{413}{2040}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{408}\ \Phi_{340}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}\ \Phi_{102}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{34}\ \Phi_{24}\ \Phi_{20}\ \Phi_{17}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
118623	1628	2436	$\frac{1}{406}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{405}{812}$	$\Phi_{2436}\ \Phi_{812}^2\ \Phi_{348}\ \Phi_{116}^2\ \Phi_{84}\ \Phi_{28}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
118624	1628	810	$\frac{2}{405}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{403}{810}$	$\Phi_{810}^4\ \Phi_{270}^4\ \Phi_{162}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
118625	1628	489	$\frac{1}{163}$	$\frac{82}{489}$	$\frac{1}{3}$	$\frac{81}{163}$	$\Phi_{489}^3\ \Phi_{163}^4\ \Phi_3^2\ \Phi_1^4$
118626	1628	2940	$\frac{1}{147}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{73}{147}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{196}\ \Phi_{147}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{49}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
118627	1628	735	$\frac{1}{147}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{73}{147}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}^3\ \Phi_{105}^2\ \Phi_{49}^3\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_7^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
118628	1628	2720	$\frac{1}{136}$	$\frac{1}{5}$	$\frac{137}{544}$	$\frac{135}{272}$	$\Phi_{2720}\ \Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{160}\ \Phi_{85}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
118629	1628	4040	$\frac{3}{404}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{401}{808}$	$\Phi_{4040}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
118630	1628	4020	$\frac{5}{402}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{397}{804}$	$\Phi_{4020}\ \Phi_{1340}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
118631	1628	1533	$\frac{1}{73}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{36}{73}$	$\Phi_{1533}\ \Phi_{511}\ \Phi_{219}\ \Phi_{73}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
118632	1628	876	$\frac{1}{73}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{36}{73}$	$\Phi_{876}^2\ \Phi_{438}^2\ \Phi_{292}^2\ \Phi_{219}\ \Phi_{146}^2\ \Phi_{73}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
118633	1628	1022	$\frac{1}{73}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{36}{73}$	$\Phi_{1022}^2\ \Phi_{511}\ \Phi_{146}^2\ \Phi_{73}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
118634	1628	1627	$\frac{23}{1627}$	$\frac{75}{1627}$	$\frac{776}{1627}$	$\frac{802}{1627}$	$\Phi_{1627}\ \Phi_1^2$
118635	1628	800	$\frac{7}{400}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{393}{800}$	$\Phi_{800}^4\ \Phi_{160}^4\ \Phi_{40}\ \Phi_{32}^4\ \Phi_{20}\ \Phi_{10}$
118636	1628	1788	$\frac{3}{149}$	$\frac{1}{12}$	$\frac{38}{149}$	$\frac{73}{149}$	$\Phi_{1788}\ \Phi_{894}\ \Phi_{596}\ \Phi_{447}\ \Phi_{298}$
118637	1628	3096	$\frac{1}{43}$	$\frac{1}{36}$	$\frac{35}{72}$	$\frac{21}{43}$	$\Phi_{3096}\ \Phi_{1032}\ \Phi_{344}\ \Phi_{72}^2\ \Phi_{43}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
118638	1628	1677	$\frac{1}{43}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{1677}\ \Phi_{559}\ \Phi_{43}\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_1^2$
118639	1628	2322	$\frac{1}{43}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{21}{43}$	$\Phi_{2322}\ \Phi_{1161}\ \Phi_{54}^2\ \Phi_{43}\ \Phi_{27}^2\ \Phi_1^2$
118640	1628	1720	$\frac{1}{43}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{21}{43}$	$\Phi_{1720}\ \Phi_{860}\ \Phi_{430}\ \Phi_{344}\ \Phi_{215}\ \Phi_{43}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_1^2$
118641	1628	2064	$\frac{1}{43}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{21}{43}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{688}\ \Phi_{344}\ \Phi_{48}^2\ \Phi_{43}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
118642	1628	1935	$\frac{1}{43}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{21}{43}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{215}\ \Phi_{45}^2\ \Phi_{43}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
118643	1628	1806	$\frac{1}{43}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{21}{43}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{602}\ \Phi_{301}\ \Phi_{43}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
118644	1628	1627	$\frac{41}{1627}$	$\frac{110}{1627}$	$\frac{417}{1627}$	$\frac{793}{1627}$	$\Phi_{1627}\ \Phi_1^2$
118645	1628	2445	$\frac{21}{815}$	$\frac{38}{815}$	$\frac{1}{3}$	$\frac{397}{815}$	$\Phi_{2445}\ \Phi_{489}\ \Phi_{15}$
118646	1628	1656	$\frac{1}{36}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{1656}^2\ \Phi_{552}^2\ \Phi_{184}^2\ \Phi_{69}$
118647	1628	3096	$\frac{1}{36}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{35}{72}$	$\Phi_{3096}\ \Phi_{1032}\ \Phi_{344}\ \Phi_{72}^2\ \Phi_{43}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
118648	1628	360	$\frac{1}{36}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{35}{72}$	$\Phi_{360}^{11}\ \Phi_{120}^{11}\ \Phi_{60}\ \Phi_{40}^{11}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
118649	1628	1150	$\frac{1}{25}$	$\frac{1}{23}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{1150}^2\ \Phi_{575}\ \Phi_{230}^2\ \Phi_{115}\ \Phi_{46}^2$
118650	1628	3910	$\frac{16}{391}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{375}{782}$	$\Phi_{3910}\ \Phi_{230}\ \Phi_{170}\ \Phi_{85}\ \Phi_{10}$
118651	1628	2160	$\frac{1}{24}$	$\frac{25}{432}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}$ $\Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
118652	1628	798	$\frac{1}{38}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{42}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{14}^2\ \Phi_6^3\ \Phi_2^2$
118653	1628	1610	$\frac{1}{23}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{1610}^2\ \Phi_{322}^2\ \Phi_{230}^2\ \Phi_{115}\ \Phi_{46}^2$
118654	1628	3840	$\frac{1}{24}$	$\frac{23}{384}$	$\frac{1}{5}$	$\frac{361}{768}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
118655	1628	570	$\frac{1}{38}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{570}^3\ \Phi_{285}^3\ \Phi_{190}^3\ \Phi_{114}^3\ \Phi_{95}^3\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{30}^3\ \Phi_{19}^2\ \Phi_{10}^3\ \Phi_6^3\ \Phi_2^2$
118656	1628	1035	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{1035}^2\ \Phi_{345}\ \Phi_{207}^2\ \Phi_{115}\ \Phi_{69}$
118657	1628	340	$\frac{1}{34}$	$\frac{3}{34}$	$\frac{1}{5}$	$\frac{31}{68}$	$\Phi_{340}^{11}\ \Phi_{170}\ \Phi_{85}\ \Phi_{20}^{11}\ \Phi_{10}$
118658	1628	1627	$\frac{32}{1627}$	$\frac{145}{1627}$	$\frac{443}{1627}$	$\frac{741}{1627}$	$\Phi_{1627}\ \Phi_1^2$
118659	1628	2445	$\frac{12}{815}$	$\frac{73}{815}$	$\frac{1}{3}$	$\frac{371}{815}$	$\Phi_{2445}\ \Phi_{489}\ \Phi_{15}$
118660	1628	300	$\frac{1}{75}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{300}^{10}\ \Phi_{100}^{10}\ \Phi_{75}^2\ \Phi_{60}^9\ \Phi_{25}^2\ \Phi_{20}^{10}\ \Phi_{15}^2\ \Phi_{12}^9\ \Phi_5^2\ \Phi_4^{10}\ \Phi_3\ \Phi_1^2$
118661	1628	980	$\frac{1}{49}$	$\frac{1}{10}$	$\frac{12}{49}$	$\frac{9}{20}$	$\Phi_{980}^3\ \Phi_{196}^3\ \Phi_{140}^3\ \Phi_{49}^3\ \Phi_{28}^3\ \Phi_{20}^4\ \Phi_7^3\ \Phi_4^4\ \Phi_1^4$
118662	1628	380	$\frac{1}{38}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{380}^8\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}^8\ \Phi_{20}^4\ \Phi_{10}\ \Phi_4^4$
118663	1628	1540	$\frac{3}{77}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{1540}^2\ \Phi_{308}^2\ \Phi_{220}^2\ \Phi_{140}\ \Phi_{77}^2\ \Phi_{44}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
118664	1628	420	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{5}{42}$	$\frac{9}{20}$	$\Phi_{420}^7\ \Phi_{140}^7\ \Phi_{84}^7\ \Phi_{60}^7\ \Phi_{42}^4\ \Phi_{28}^7\ \Phi_{21}^3\ \Phi_{20}^8\ \Phi_{14}^4\ \Phi_{12}^7\ \Phi_7^3\ \Phi_6^4\ \Phi_4^8$ $\Phi_3^3\ \Phi_2^4\ \Phi_1^4$
118665	1628	1026	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{1026}^2\ \Phi_{513}^2\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{57}\ \Phi_{54}^2\ \Phi_{18}\ \Phi_6$
118666	1628	2080	$\frac{9}{416}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{160}\ \Phi_{130}\ \Phi_{65}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
118667	1628	3570	$\frac{1}{51}$	$\frac{50}{357}$	$\frac{1}{5}$	$\frac{307}{714}$	$\Phi_{3570}\ \Phi_{1190}\ \Phi_{510}\ \Phi_{255}\ \Phi_{210}\ \Phi_{170}\ \Phi_{85}\ \Phi_{70}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
118668	1628	680	$\frac{1}{68}$	$\frac{67}{340}$	$\frac{1}{5}$	$\frac{273}{680}$	$\Phi_{680}^4\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}^4\ \Phi_{85}\ \Phi_{40}^4\ \Phi_{20}\ \Phi_{10}\ \Phi_8^4$
118669	1628	1230	$\frac{3}{410}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1230}^2\ \Phi_{615}^2\ \Phi_{246}^2\ \Phi_{123}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
118670	1628	950	$\frac{1}{38}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{950}^2\ \Phi_{475}^2\ \Phi_{190}\ \Phi_{95}\ \Phi_{50}^2\ \Phi_{10}$
118671	1628	920	$\frac{1}{23}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{920}^2\ \Phi_{460}^2\ \Phi_{230}^2\ \Phi_{184}^2\ \Phi_{115}\ \Phi_{92}^2\ \Phi_{46}^2$
118672	1628	2682	$\frac{1}{149}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{2682}\ \Phi_{894}\ \Phi_{447}\ \Phi_{298}$
118673	1628	342	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{342}^5\ \Phi_{171}^5\ \Phi_{114}^5\ \Phi_{57}^5\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{18}\ \Phi_9^4\ \Phi_6\ \Phi_3^4\ \Phi_1^4$
118674	1628	1380	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{1380}^2\ \Phi_{460}^2\ \Phi_{345}\ \Phi_{276}^2\ \Phi_{115}\ \Phi_{92}^2\ \Phi_{69}$
118675	1628	1956	$\frac{1}{163}$	$\frac{81}{326}$	$\frac{1}{3}$	$\frac{245}{652}$	$\Phi_{1956}^2\ \Phi_{489}\ \Phi_{12}^2$
118676	1628	2384	$\frac{1}{149}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{2384}\ \Phi_{596}\ \Phi_{298}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
118677	1628	3060	$\frac{1}{102}$	$\frac{1}{5}$	$\frac{101}{306}$	$\frac{205}{612}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{180}\ \Phi_{170}\ \Phi_{85}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
118678	1628	609	$\frac{1}{203}$	$\frac{202}{609}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{609}^3\ \Phi_{203}^2\ \Phi_{87}^3\ \Phi_{29}^2\ \Phi_{21}^3\ \Phi_7^2\ \Phi_3^4\ \Phi_1^4$
118679	1628	1239	$\frac{6}{413}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1239}\ \Phi_{413}^2\ \Phi_{177}\ \Phi_{59}^2\ \Phi_3\ \Phi_1^2$
118680	1628	1392	$\frac{1}{58}$	$\frac{57}{464}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}^2\ \Phi_{348}\ \Phi_{232}^2\ \Phi_{116}^2\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
118681	1628	609	$\frac{5}{203}$	$\frac{18}{203}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{609}^2\ \Phi_{203}^4\ \Phi_{87}^2\ \Phi_{29}^4\ \Phi_{21}^2\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
118682	1628	228	$\frac{1}{38}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{228}^8\ \Phi_{114}^7\ \Phi_{76}^8\ \Phi_{57}^7\ \Phi_{38}^6\ \Phi_{19}^6\ \Phi_{12}^4\ \Phi_6^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
118683	1628	420	$\frac{13}{420}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^3\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_7^2\ \Phi_6^3\ \Phi_5^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
118684	1628	435	$\frac{1}{29}$	$\frac{28}{435}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{435}^4\ \Phi_{145}^4\ \Phi_{87}^3\ \Phi_{29}^2\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^4\ \Phi_1^4$
118685	1628	897	$\frac{1}{23}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{897}^2\ \Phi_{299}^2\ \Phi_{69}$
118686	1628	1215	$\frac{4}{405}$	$\frac{1}{5}$	$\frac{401}{1215}$	$\frac{1}{3}$	$\Phi_{1215}^2\ \Phi_{243}^2\ \Phi_{15}$
118687	1628	1242	$\frac{1}{23}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{1242}^2\ \Phi_{621}^2\ \Phi_{69}$
118688	1628	2394	$\frac{1}{38}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{2394}\ \Phi_{1197}\ \Phi_{342}\ \Phi_{171}\ \Phi_{126}\ \Phi_{114}\ \Phi_{57}\ \Phi_{18}\ \Phi_6$
118689	1628	75	$\frac{1}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{75}^{22}\ \Phi_{25}^{22}\ \Phi_{15}^{21}\ \Phi_5^{20}\ \Phi_3^{20}\ \Phi_1^{20}$
118690	1628	2760	$\frac{1}{23}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{69}$
118691	1628	540	$\frac{2}{135}$	$\frac{1}{5}$	$\frac{133}{540}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
118692	1628	1677	$\frac{2}{39}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{1677}\ \Phi_{559}\ \Phi_{43}\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_1^2$
118693	1628	1104	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{1104}^2\ \Phi_{552}^2\ \Phi_{368}^2\ \Phi_{184}^2\ \Phi_{69}$
118694	1628	2070	$\frac{7}{414}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{115}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
118695	1628	1863	$\frac{1}{23}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1863}\ \Phi_{621}\ \Phi_{69}$
118696	1628	798	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{798}^3\ \Phi_{399}^3\ \Phi_{114}^4\ \Phi_{57}^4\ \Phi_{42}\ \Phi_{21}^2\ \Phi_6^2\ \Phi_3^2$
118697	1628	2430	$\frac{2}{81}$	$\frac{79}{486}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{810}\ \Phi_{270}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
118698	1628	945	$\frac{4}{135}$	$\frac{131}{945}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^2$
118699	1628	420	$\frac{13}{420}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
118700	1628	450	$\frac{2}{45}$	$\frac{43}{450}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
118701	1628	855	$\frac{41}{855}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{171}^2\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_{15}$
118702	1628	780	$\frac{2}{39}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{260}^3\ \Phi_{195}^2\ \Phi_{130}^3\ \Phi_{65}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
118703	1628	2160	$\frac{25}{432}$	$\frac{2}{27}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
118704	1628	1035	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{1035}^2\ \Phi_{345}^2\ \Phi_{115}^2\ \Phi_{69}$
118705	1628	966	$\frac{1}{23}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{69}$
118706	1628	600	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{193}{600}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{150}^4\ \Phi_{120}^4\ \Phi_{75}^4\ \Phi_{60}^4\ \Phi_{40}\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^4\ \Phi_3^4$
118707	1628	2322	$\frac{1}{18}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{17}{54}$	$\Phi_{2322}\ \Phi_{1161}\ \Phi_{54}^2\ \Phi_{43}\ \Phi_{27}^2\ \Phi_1^2$
118708	1628	540	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{17}{54}$	$\Phi_{540}^6\ \Phi_{270}^5\ \Phi_{135}^5\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
118709	1628	2160	$\frac{25}{432}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{135}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
118710	1628	2415	$\frac{1}{23}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{345}\ \Phi_{115}\ \Phi_{69}$
118711	1628	2880	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{1}{5}$	$\frac{169}{576}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
118712	1628	735	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{12}{49}$	$\frac{4}{15}$	$\Phi_{735}^3\ \Phi_{147}^3\ \Phi_{105}^3\ \Phi_{49}^3\ \Phi_{21}^3\ \Phi_{15}^4\ \Phi_7^3\ \Phi_3^4\ \Phi_1^4$
118713	1628	570	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{570}^4\ \Phi_{285}^4\ \Phi_{190}\ \Phi_{114}^4\ \Phi_{95}\ \Phi_{57}^4\ \Phi_{30}^4\ \Phi_{10}\ \Phi_6^4$
118714	1628	1155	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1155}^2\ \Phi_{231}^2\ \Phi_{165}^2\ \Phi_{105}\ \Phi_{77}^2\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
118715	1628	210	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{210}^8\ \Phi_{105}^6\ \Phi_{70}^8\ \Phi_{42}^{12}\ \Phi_{35}^6\ \Phi_{30}^8\ \Phi_{21}^9\ \Phi_{15}^7\ \Phi_{14}^{12}\ \Phi_{10}^8\ \Phi_7^9\ \Phi_6^{12}\ \Phi_5^6\ \Phi_3^{10}\ \Phi_2^{12}\ \Phi_1^{10}$
118716	1628	1720	$\frac{3}{43}$	$\frac{3}{40}$	$\frac{10}{43}$	$\frac{1}{4}$	$\Phi_{1720}\ \Phi_{860}\ \Phi_{430}\ \Phi_{344}\ \Phi_{215}\ \Phi_{43}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_1^2$
118717	1628	120	$\frac{3}{40}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{120}^{16}\ \Phi_{60}^{13}\ \Phi_{40}^{12}\ \Phi_{30}^{13}\ \Phi_{24}^{16}\ \Phi_{20}^{10}\ \Phi_{15}^{13}\ \Phi_{12}^{16}\ \Phi_{10}^{10}\ \Phi_8^{12}\ \Phi_6^{16}\ \Phi_5^9\ \Phi_4^{12}\ \Phi_3^{16}\ \Phi_2^{12}\ \Phi_1^{12}$
118718	1628	480	$\frac{1}{24}$	$\frac{73}{480}$	$\frac{1}{5}$	$\frac{23}{96}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{80}^3\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
118719	1628	2064	$\frac{3}{43}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{10}{43}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{688}\ \Phi_{344}\ \Phi_{48}^2\ \Phi_{43}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
118720	1628	1935	$\frac{3}{43}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{10}{43}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{215}\ \Phi_{45}^2\ \Phi_{43}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
118721	1628	1806	$\frac{3}{43}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{10}{43}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{602}\ \Phi_{301}\ \Phi_{43}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
118722	1628	240	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{48}$	$\Phi_{240}^{11}\ \Phi_{120}^{11}\ \Phi_{80}^{11}\ \Phi_{60}\ \Phi_{40}^{11}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
118723	1628	180	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{5}$	$\Phi_{180}^9\ \Phi_{90}^9\ \Phi_{60}^{10}\ \Phi_{45}^6\ \Phi_{36}^{12}\ \Phi_{30}^{10}\ \Phi_{20}^{10}\ \Phi_{18}^{12}\ \Phi_{15}^7\ \Phi_{12}^{12}\ \Phi_{10}^{10}\ \Phi_9^8\ \Phi_6^{12}\ \Phi_5^6\ \Phi_4^{12}\ \Phi_3^8\ \Phi_2^{12}\ \Phi_1^8$
118724	1628	40	$\frac{3}{40}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{5}$	$\Phi_{40}^{41}\ \Phi_{20}^{41}\ \Phi_{10}^{41}\ \Phi_8^{40}\ \Phi_5^{40}\ \Phi_4^{40}\ \Phi_2^{40}\ \Phi_1^{40}$
118725	1628	420	$\frac{1}{12}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{420}^6\ \Phi_{210}^5\ \Phi_{140}^6\ \Phi_{105}^5\ \Phi_{70}^5\ \Phi_{60}\ \Phi_{35}^5\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
118726	1628	480	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{480}$	$\frac{1}{5}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^4\ \Phi_3^4$
118727	1629	3248	$\frac{5}{1624}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1619}{3248}$	$\Phi_{3248}\ \Phi_{464}\ \Phi_{112}\ \Phi_{16}\ \Phi_8\ \Phi_1$
118728	1629	2176	$\frac{3}{544}$	$\frac{1}{4}$	$\frac{547}{2176}$	$\frac{541}{1088}$	$\Phi_{2176}\ \Phi_{544}\ \Phi_{272}\ \Phi_{136}\ \Phi_{128}\ \Phi_{68}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_1$
118729	1629	720	$\frac{1}{180}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{179}{360}$	$\Phi_{720}^4\ \Phi_{360}\ \Phi_{240}^4\ \Phi_{144}^4\ \Phi_{120}\ \Phi_{80}^4\ \Phi_{72}\ \Phi_{48}^4\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
118730	1629	360	$\frac{1}{180}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{179}{360}$	$\Phi_{360}^9\ \Phi_{120}^9\ \Phi_{72}^9\ \Phi_{40}^9\ \Phi_{24}^9\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
118731	1629	2960	$\frac{1}{148}$	$\frac{149}{1480}$	$\frac{1331}{2960}$	$\frac{147}{296}$	$\Phi_{2960}\ \Phi_{592}\ \Phi_{296}\ \Phi_{80}\ \Phi_{16}\ \Phi_8\ \Phi_1$
118732	1629	3232	$\frac{13}{1616}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1603}{3232}$	$\Phi_{3232}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
118733	1629	1072	$\frac{7}{536}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{529}{1072}$	$\Phi_{1072}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
118734	1629	3200	$\frac{29}{1600}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1571}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
118735	1629	352	$\frac{1}{44}$	$\frac{5}{176}$	$\frac{171}{352}$	$\frac{43}{88}$	$\Phi_{352}^9\ \Phi_{88}\ \Phi_{32}^9\ \Phi_8\ \Phi_1$
118736	1629	264	$\frac{1}{44}$	$\frac{5}{88}$	$\frac{83}{264}$	$\frac{43}{88}$	$\Phi_{264}^9\ \Phi_{132}^9\ \Phi_{88}\ \Phi_{66}^9\ \Phi_{33}^9\ \Phi_{24}^9\ \Phi_{12}^9\ \Phi_8\ \Phi_6^9\ \Phi_3^9\ \Phi_1$
118737	1629	1760	$\frac{1}{44}$	$\frac{131}{1760}$	$\frac{45}{176}$	$\frac{43}{88}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
118738	1629	704	$\frac{1}{44}$	$\frac{15}{176}$	$\frac{161}{704}$	$\frac{43}{88}$	$\Phi_{704}^3\ \Phi_{352}^3\ \Phi_{88}\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_8\ \Phi_1$
118739	1629	616	$\frac{1}{44}$	$\frac{73}{616}$	$\frac{15}{88}$	$\frac{43}{88}$	$\Phi_{616}^3\ \Phi_{308}^3\ \Phi_{154}^3\ \Phi_{88}\ \Phi_{77}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_8\ \Phi_7^3\ \Phi_1$
118740	1629	352	$\frac{5}{176}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{171}{352}$	$\Phi_{352}^9\ \Phi_{32}^9\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_2^2\ \Phi_1^3$
118741	1629	352	$\frac{5}{176}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{171}{352}$	$\Phi_{352}^9\ \Phi_{32}^9\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
118742	1629	352	$\frac{5}{176}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{171}{352}$	$\Phi_{352}^9\ \Phi_{32}^9\ \Phi_{11}^4\ \Phi_1^5$
118743	1629	2108	$\frac{16}{527}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{511}{1054}$	$\Phi_{2108}\ \Phi_{527}\ \Phi_{124}\ \Phi_{68}^2\ \Phi_{34}\ \Phi_{31}\ \Phi_{17}\ \Phi_4\ \Phi_1$
118744	1629	192	$\frac{1}{32}$	$\frac{11}{192}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{192}^9\ \Phi_{96}^9\ \Phi_{64}^6\ \Phi_{48}^9\ \Phi_{32}^9\ \Phi_{24}^9\ \Phi_{16}^9\ \Phi_{12}^9\ \Phi_8^9\ \Phi_6^9\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
118745	1629	350	$\frac{6}{175}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{169}{350}$	$\Phi_{350}^4\ \Phi_{175}^5\ \Phi_{70}^5\ \Phi_{50}^4\ \Phi_{35}^6\ \Phi_{25}^5\ \Phi_{14}^5\ \Phi_{10}^4\ \Phi_7^5\ \Phi_5^5\ \Phi_2^4\ \Phi_1^5$
118746	1629	2200	$\frac{21}{550}$	$\frac{1}{22}$	$\frac{571}{2200}$	$\frac{529}{1100}$	$\Phi_{2200}\ \Phi_{550}\ \Phi_{440}\ \Phi_{275}\ \Phi_{200}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
118747	1629	1040	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{27}{208}$	$\frac{25}{52}$	$\Phi_{1040}^2\ \Phi_{520}^2\ \Phi_{208}\ \Phi_{130}^2\ \Phi_{104}\ \Phi_{80}^2\ \Phi_{65}^2\ \Phi_{40}^2\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
118748	1629	3128	$\frac{65}{1564}$	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{1499}{3128}$	$\Phi_{3128}\ \Phi_{184}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_8\ \Phi_1$
118749	1629	1036	$\frac{1}{37}$	$\frac{25}{518}$	$\frac{12}{37}$	$\frac{493}{1036}$	$\Phi_{1036}^3\ \Phi_{148}^3\ \Phi_{37}^2\ \Phi_{28}^3\ \Phi_4^3\ \Phi_1^3$
118750	1629	3080	$\frac{1}{22}$	$\frac{89}{1540}$	$\frac{21}{110}$	$\frac{1451}{3080}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{110}\ \Phi_{88}\ \Phi_{56}\ \Phi_{55}\ \Phi_{40}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
118751	1629	1024	$\frac{1}{32}$	$\frac{31}{512}$	$\frac{1}{4}$	$\frac{481}{1024}$	$\Phi_{1024}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
118752	1629	220	$\frac{1}{22}$	$\frac{7}{110}$	$\frac{39}{220}$	$\frac{103}{220}$	$\Phi_{220}^6\ \Phi_{110}^9\ \Phi_{55}^9\ \Phi_{44}^6\ \Phi_{22}^8\ \Phi_{20}^6\ \Phi_{11}^8\ \Phi_{10}^9\ \Phi_5^9\ \Phi_4^6\ \Phi_2^8\ \Phi_1^9$
118753	1629	340	$\frac{1}{34}$	$\frac{11}{170}$	$\frac{1}{4}$	$\frac{159}{340}$	$\Phi_{340}^3\ \Phi_{170}^6\ \Phi_{85}^6\ \Phi_{68}^5\ \Phi_{34}^7\ \Phi_{20}^3\ \Phi_{17}^7\ \Phi_{10}^6\ \Phi_5^6\ \Phi_4^4\ \Phi_2^6\ \Phi_1^7$
118754	1629	740	$\frac{1}{37}$	$\frac{12}{185}$	$\frac{197}{740}$	$\frac{173}{370}$	$\Phi_{740}^3\ \Phi_{185}^3\ \Phi_{148}^3\ \Phi_{37}^2\ \Phi_{20}^3\ \Phi_5^3\ \Phi_4^3\ \Phi_1^3$
118755	1629	1690	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{157}{338}$	$\Phi_{1690}\ \Phi_{845}\ \Phi_{169}\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{26}\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_1$
118756	1629	980	$\frac{1}{14}$	$\frac{15}{196}$	$\frac{1}{10}$	$\frac{13}{28}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{245}^2\ \Phi_{196}\ \Phi_{98}\ \Phi_{70}^2\ \Phi_{49}\ \Phi_{35}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
118757	1629	1680	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{1}{10}$	$\frac{155}{336}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}\ \Phi_{240}^2\ \Phi_{112}\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{48}\ \Phi_{35}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
118758	1629	185	$\frac{4}{185}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{185}^9\ \Phi_{37}^8\ \Phi_5^9\ \Phi_1^9$
118759	1629	2992	$\frac{3}{136}$	$\frac{133}{1496}$	$\frac{1}{4}$	$\frac{1363}{2992}$	$\Phi_{2992}\ \Phi_{272}\ \Phi_{176}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_1$
118760	1629	187	$\frac{6}{187}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{187}^9\ \Phi_{17}^9\ \Phi_{11}^4\ \Phi_1^5$
118761	1629	1664	$\frac{35}{1664}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{128}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_1$
118762	1629	2960	$\frac{1}{37}$	$\frac{149}{1480}$	$\frac{36}{185}$	$\frac{1331}{2960}$	$\Phi_{2960}\ \Phi_{592}\ \Phi_{185}\ \Phi_{80}\ \Phi_{16}\ \Phi_5\ \Phi_1$
118763	1629	222	$\frac{1}{37}$	$\frac{4}{37}$	$\frac{41}{222}$	$\frac{33}{74}$	$\Phi_{222}^9\ \Phi_{111}^9\ \Phi_{37}^8\ \Phi_6^9\ \Phi_3^9\ \Phi_1^9$
118764	1629	2928	$\frac{2}{183}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2928}\ \Phi_{976}\ \Phi_{183}\ \Phi_{61}\ \Phi_{16}\ \Phi_1$
118765	1629	2160	$\frac{1}{90}$	$\frac{1}{8}$	$\frac{89}{270}$	$\frac{7}{16}$	$\Phi_{2160}^2\ \Phi_{432}^2\ \Phi_{270}\ \Phi_{135}\ \Phi_{54}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
118766	1629	368	$\frac{3}{184}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{368}^8\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
118767	1629	240	$\frac{1}{60}$	$\frac{1}{8}$	$\frac{59}{240}$	$\frac{7}{16}$	$\Phi_{240}^5\ \Phi_{120}^9\ \Phi_{80}^5\ \Phi_{60}^8\ \Phi_{48}^5\ \Phi_{40}^9\ \Phi_{30}^8\ \Phi_{24}^9\ \Phi_{20}^8\ \Phi_{16}^6\ \Phi_{15}^8\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_8^9\ \Phi_6^8\ \Phi_5^8\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
118768	1629	2960	$\frac{4}{185}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{2960}\ \Phi_{592}\ \Phi_{185}\ \Phi_{37}\ \Phi_{16}\ \Phi_1$
118769	1629	3600	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{44}{225}$	$\frac{7}{16}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{400}\ \Phi_{225}\ \Phi_{75}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
118770	1629	1488	$\frac{5}{186}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{1488}^2\ \Phi_{496}^2\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{16}\ \Phi_1$
118771	1629	432	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{35}{216}$	$\frac{7}{16}$	$\Phi_{432}^8\ \Phi_{216}\ \Phi_{144}^4\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}^4\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
118772	1629	1680	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{29}{210}$	$\frac{7}{16}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{210}\ \Phi_{112}^2\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
118773	1629	3024	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{189}\ \Phi_{112}\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}\ \Phi_{16}\ \Phi_7\ \Phi_1$
118774	1629	1520	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1520}^2\ \Phi_{304}^2\ \Phi_{190}\ \Phi_{95}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
118775	1629	400	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{400}^8\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}^4\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
118776	1629	1584	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1584}^2\ \Phi_{528}^2\ \Phi_{198}\ \Phi_{176}^2\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
118777	1629	192	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{192}^9\ \Phi_{96}^9\ \Phi_{64}^9\ \Phi_{48}^5\ \Phi_{32}^9\ \Phi_{24}^9\ \Phi_{16}^6\ \Phi_{12}^8\ \Phi_8^9\ \Phi_6^8\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
118778	1629	3120	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{208}\ \Phi_{195}\ \Phi_{65}\ \Phi_{39}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
118779	1629	952	$\frac{1}{68}$	$\frac{67}{476}$	$\frac{1}{4}$	$\frac{409}{952}$	$\Phi_{952}^3\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{56}^3\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
118780	1629	1560	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{25}{156}$	$\frac{131}{312}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}\ \Phi_{130}^2\ \Phi_{120}^2\ \Phi_{104}\ \Phi_{65}^2\ \Phi_{40}^2\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
118781	1629	1760	$\frac{1}{22}$	$\frac{131}{1760}$	$\frac{21}{110}$	$\frac{89}{220}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
118782	1629	1850	$\frac{1}{37}$	$\frac{221}{1850}$	$\frac{36}{185}$	$\frac{149}{370}$	$\Phi_{1850}\ \Phi_{925}\ \Phi_{185}\ \Phi_{50}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}$
118783	1629	2720	$\frac{3}{272}$	$\frac{269}{1360}$	$\frac{1}{4}$	$\frac{1091}{2720}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{272}\ \Phi_{160}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
118784	1629	296	$\frac{1}{148}$	$\frac{33}{148}$	$\frac{49}{148}$	$\frac{115}{296}$	$\Phi_{296}^{9}\ \Phi_{148}^{2}\ \Phi_{74}^{2}\ \Phi_{37}^{2}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118785	1629	296	$\frac{1}{37}$	$\frac{4}{37}$	$\frac{33}{148}$	$\frac{115}{296}$	$\Phi_{296}^{9}\ \Phi_{37}^{8}\ \Phi_{8}^{9}\ \Phi_{1}^{9}$
118786	1629	880	$\frac{1}{22}$	$\frac{7}{110}$	$\frac{103}{440}$	$\frac{337}{880}$	$\Phi_{880}^{3}\ \Phi_{176}^{3}\ \Phi_{110}^{3}\ \Phi_{80}^{3}\ \Phi_{55}^{3}\ \Phi_{22}^{2}\ \Phi_{16}^{3}\ \Phi_{11}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118787	1629	2368	$\frac{1}{148}$	$\frac{147}{592}$	$\frac{739}{2368}$	$\frac{445}{1184}$	$\Phi_{2368}\ \Phi_{592}\ \Phi_{296}\ \Phi_{64}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
118788	1629	1856	$\frac{5}{232}$	$\frac{227}{1856}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{464}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
118789	1629	560	$\frac{17}{560}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{112}^{3}\ \Phi_{80}^{3}\ \Phi_{70}^{3}\ \Phi_{56}^{2}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{2}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{14}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118790	1629	572	$\frac{1}{22}$	$\frac{29}{572}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{572}^{3}\ \Phi_{286}^{3}\ \Phi_{143}^{3}\ \Phi_{52}^{3}\ \Phi_{26}^{3}\ \Phi_{22}^{2}\ \Phi_{13}^{3}\ \Phi_{11}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118791	1629	592	$\frac{1}{37}$	$\frac{49}{592}$	$\frac{12}{37}$	$\frac{25}{74}$	$\Phi_{592}^{3}\ \Phi_{296}^{3}\ \Phi_{148}^{3}\ \Phi_{37}^{2}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
118792	1629	272	$\frac{1}{136}$	$\frac{1}{4}$	$\frac{45}{136}$	$\frac{91}{272}$	$\Phi_{272}^{9}\ \Phi_{136}^{3}\ \Phi_{68}^{3}\ \Phi_{34}^{3}\ \Phi_{17}^{3}\ \Phi_{16}^{9}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118793	1629	732	$\frac{2}{183}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{732}^{2}\ \Phi_{366}^{2}\ \Phi_{244}^{2}\ \Phi_{183}^{3}\ \Phi_{122}^{2}\ \Phi_{61}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118794	1629	540	$\frac{1}{90}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{89}{270}$	$\Phi_{540}^{4}\ \Phi_{270}^{5}\ \Phi_{135}^{5}\ \Phi_{108}^{4}\ \Phi_{54}^{5}\ \Phi_{27}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118795	1629	539	$\frac{8}{539}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{177}{539}$	$\Phi_{539}^{3}\ \Phi_{77}^{3}\ \Phi_{49}^{3}\ \Phi_{11}^{4}\ \Phi_{7}^{3}\ \Phi_{1}^{5}$
118796	1629	259	$\frac{1}{37}$	$\frac{25}{259}$	$\frac{78}{259}$	$\frac{12}{37}$	$\Phi_{259}^{6}\ \Phi_{37}^{8}\ \Phi_{7}^{6}\ \Phi_{1}^{9}$
118797	1629	204	$\frac{1}{34}$	$\frac{23}{204}$	$\frac{1}{4}$	$\frac{11}{34}$	$\Phi_{204}^{9}\ \Phi_{102}^{9}\ \Phi_{68}^{5}\ \Phi_{51}^{9}\ \Phi_{34}^{7}\ \Phi_{17}^{7}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{4}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
118798	1629	800	$\frac{29}{800}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{257}{800}$	$\Phi_{800}^{2}\ \Phi_{400}^{2}\ \Phi_{200}^{2}\ \Phi_{160}^{2}\ \Phi_{100}^{2}\ \Phi_{80}^{2}\ \Phi_{50}^{2}\ \Phi_{40}^{2}\ \Phi_{32}^{3}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118799	1629	1170	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{53}{234}$	$\frac{25}{78}$	$\Phi_{1170}^{2}\ \Phi_{585}^{2}\ \Phi_{234}\ \Phi_{130}^{2}\ \Phi_{117}\ \Phi_{90}^{2}\ \Phi_{65}^{2}\ \Phi_{45}^{2}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
118800	1629	264	$\frac{1}{22}$	$\frac{5}{88}$	$\frac{83}{264}$	$\frac{7}{22}$	$\Phi_{264}^{9}\ \Phi_{132}^{9}\ \Phi_{66}^{9}\ \Phi_{33}^{9}\ \Phi_{24}^{9}\ \Phi_{22}^{2}\ \Phi_{12}^{9}\ \Phi_{11}^{2}\ \Phi_{6}^{9}\ \Phi_{3}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118801	1629	704	$\frac{1}{22}$	$\frac{15}{176}$	$\frac{161}{704}$	$\frac{7}{22}$	$\Phi_{704}^{3}\ \Phi_{352}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118802	1629	198	$\frac{1}{22}$	$\frac{17}{198}$	$\frac{5}{22}$	$\frac{7}{22}$	$\Phi_{198}^{9}\ \Phi_{99}^{9}\ \Phi_{66}^{9}\ \Phi_{33}^{9}\ \Phi_{22}^{2}\ \Phi_{18}^{9}\ \Phi_{11}^{2}\ \Phi_{9}^{9}\ \Phi_{6}^{9}\ \Phi_{3}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118803	1629	220	$\frac{1}{22}$	$\frac{5}{44}$	$\frac{39}{220}$	$\frac{7}{22}$	$\Phi_{220}^{9}\ \Phi_{110}^{9}\ \Phi_{55}^{9}\ \Phi_{22}^{2}\ \Phi_{20}^{9}\ \Phi_{11}^{2}\ \Phi_{10}^{9}\ \Phi_{5}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118804	1629	616	$\frac{1}{22}$	$\frac{73}{616}$	$\frac{15}{88}$	$\frac{7}{22}$	$\Phi_{616}^{3}\ \Phi_{308}^{3}\ \Phi_{154}^{3}\ \Phi_{77}^{3}\ \Phi_{56}^{3}\ \Phi_{28}^{3}\ \Phi_{22}^{2}\ \Phi_{14}^{3}\ \Phi_{11}^{2}\ \Phi_{7}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118805	1629	264	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{83}{264}$	$\Phi_{264}^{9}\ \Phi_{132}^{9}\ \Phi_{66}^{9}\ \Phi_{33}^{9}\ \Phi_{24}^{9}\ \Phi_{12}^{9}\ \Phi_{11}^{4}\ \Phi_{6}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{5}$
118806	1629	192	$\frac{11}{192}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{192}^{9}\ \Phi_{96}^{9}\ \Phi_{64}^{9}\ \Phi_{48}^{9}\ \Phi_{32}^{9}\ \Phi_{24}^{9}\ \Phi_{16}^{3}\ \Phi_{12}^{9}\ \Phi_{8}^{3}\ \Phi_{6}^{9}\ \Phi_{4}^{2}\ \Phi_{3}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118807	1629	210	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{29}{210}$	$\frac{13}{42}$	$\Phi_{210}^{7}\ \Phi_{105}^{7}\ \Phi_{70}^{9}\ \Phi_{42}^{8}\ \Phi_{35}^{9}\ \Phi_{30}^{7}\ \Phi_{21}^{8}\ \Phi_{15}^{7}\ \Phi_{14}^{9}\ \Phi_{10}^{8}\ \Phi_{7}^{9}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
118808	1629	770	$\frac{1}{22}$	$\frac{89}{770}$	$\frac{21}{110}$	$\frac{227}{770}$	$\Phi_{770}^{2}\ \Phi_{385}^{2}\ \Phi_{154}^{2}\ \Phi_{110}^{3}\ \Phi_{77}^{2}\ \Phi_{70}^{2}\ \Phi_{55}^{3}\ \Phi_{35}^{2}\ \Phi_{22}^{2}\ \Phi_{14}^{2}\ \Phi_{11}^{2}\ \Phi_{10}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118809	1629	256	$\frac{1}{32}$	$\frac{31}{256}$	$\frac{1}{4}$	$\frac{75}{256}$	$\Phi_{256}^{6}\ \Phi_{128}^{6}\ \Phi_{64}^{6}\ \Phi_{32}^{9}\ \Phi_{16}^{9}\ \Phi_{8}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
118810	1629	1260	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{84}$	$\frac{71}{252}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{252}\ \Phi_{180}^{2}\ \Phi_{126}\ \Phi_{90}^{2}\ \Phi_{70}^{2}\ \Phi_{63}\ \Phi_{45}^{2}\ \Phi_{36}\ \Phi_{35}^{2}\ \Phi_{18}\ \Phi_{14}\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
118811	1629	185	$\frac{4}{185}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{185}^{9}\ \Phi_{37}^{8}\ \Phi_{5}^{9}\ \Phi_{1}^{9}$
118812	1629	740	$\frac{1}{37}$	$\frac{36}{185}$	$\frac{149}{740}$	$\frac{197}{740}$	$\Phi_{740}^{2}\ \Phi_{370}^{2}\ \Phi_{185}^{3}\ \Phi_{148}^{2}\ \Phi_{74}^{2}\ \Phi_{37}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118813	1629	184	$\frac{3}{184}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{184}^{9}\ \Phi_{92}^{9}\ \Phi_{46}^{9}\ \Phi_{23}^{9}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118814	1629	240	$\frac{1}{60}$	$\frac{59}{240}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{240}^{9}\ \Phi_{120}^{9}\ \Phi_{80}^{9}\ \Phi_{48}^{9}\ \Phi_{40}^{9}\ \Phi_{24}^{9}\ \Phi_{16}^{9}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118815	1629	740	$\frac{4}{185}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{740}^{2}\ \Phi_{370}^{2}\ \Phi_{185}^{3}\ \Phi_{148}^{2}\ \Phi_{74}^{2}\ \Phi_{37}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118816	1629	900	$\frac{1}{45}$	$\frac{44}{225}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}^{2}\ \Phi_{225}^{3}\ \Phi_{150}^{2}\ \Phi_{100}^{2}\ \Phi_{75}^{3}\ \Phi_{50}^{2}\ \Phi_{25}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118817	1629	372	$\frac{5}{186}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{372}^{4}\ \Phi_{186}^{5}\ \Phi_{124}^{4}\ \Phi_{93}^{5}\ \Phi_{62}^{5}\ \Phi_{31}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
118818	1629	216	$\frac{1}{36}$	$\frac{35}{216}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{216}^{9}\ \Phi_{108}^{9}\ \Phi_{72}^{9}\ \Phi_{54}^{9}\ \Phi_{27}^{9}\ \Phi_{24}^{9}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118819	1629	560	$\frac{17}{560}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{112}^{3}\ \Phi_{80}^{3}\ \Phi_{70}^{3}\ \Phi_{56}^{3}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{3}\ \Phi_{16}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118820	1629	420	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{420}^{4}\ \Phi_{210}^{5}\ \Phi_{140}^{4}\ \Phi_{105}^{5}\ \Phi_{84}^{4}\ \Phi_{70}^{5}\ \Phi_{42}^{5}\ \Phi_{35}^{5}\ \Phi_{28}^{4}\ \Phi_{21}^{5}\ \Phi_{14}^{5}\ \Phi_{7}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118821	1629	756	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{756}^{2}\ \Phi_{378}^{2}\ \Phi_{252}^{2}\ \Phi_{189}^{3}\ \Phi_{126}^{2}\ \Phi_{108}^{2}\ \Phi_{84}^{2}\ \Phi_{63}^{3}\ \Phi_{54}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{27}^{3}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118822	1629	380	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{380}^{4}\ \Phi_{190}^{5}\ \Phi_{95}^{5}\ \Phi_{76}^{4}\ \Phi_{38}^{5}\ \Phi_{19}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118823	1629	200	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{200}^{9}\ \Phi_{100}^{9}\ \Phi_{50}^{9}\ \Phi_{40}^{9}\ \Phi_{25}^{9}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118824	1629	396	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{396}^{4}\ \Phi_{198}^{5}\ \Phi_{132}^{4}\ \Phi_{99}^{5}\ \Phi_{66}^{5}\ \Phi_{44}^{4}\ \Phi_{33}^{5}\ \Phi_{22}^{5}\ \Phi_{11}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118825	1629	192	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{192}^{9}\ \Phi_{96}^{9}\ \Phi_{64}^{9}\ \Phi_{48}^{9}\ \Phi_{32}^{9}\ \Phi_{24}^{9}\ \Phi_{16}^{9}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118826	1629	780	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}^{3}\ \Phi_{156}^{2}\ \Phi_{130}^{2}\ \Phi_{78}^{2}\ \Phi_{65}^{3}\ \Phi_{52}^{2}\ \Phi_{39}^{3}\ \Phi_{26}^{2}\ \Phi_{13}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118827	1629	640	$\frac{1}{32}$	$\frac{97}{640}$	$\frac{31}{128}$	$\frac{1}{4}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{80}^{3}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118828	1629	704	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{161}{704}$	$\frac{1}{4}$	$\Phi_{704}^{3}\ \Phi_{352}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118829	1629	680	$\frac{1}{34}$	$\frac{33}{170}$	$\frac{137}{680}$	$\frac{1}{4}$	$\Phi_{680}^{3}\ \Phi_{340}\ \Phi_{170}^{2}\ \Phi_{136}^{3}\ \Phi_{85}^{2}\ \Phi_{68}^{3}\ \Phi_{40}^{3}\ \Phi_{34}^{3}\ \Phi_{20}\ \Phi_{17}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118830	1629	1760	$\frac{131}{1760}$	$\frac{3}{32}$	$\frac{29}{160}$	$\frac{1}{4}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
118831	1629	640	$\frac{29}{320}$	$\frac{3}{32}$	$\frac{97}{640}$	$\frac{1}{4}$	$\Phi_{640}^{3}\ \Phi_{320}^{2}\ \Phi_{160}^{2}\ \Phi_{128}^{3}\ \Phi_{80}^{2}\ \Phi_{64}^{2}\ \Phi_{40}^{2}\ \Phi_{32}^{3}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
118832	1629	1120	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{43}{224}$	$\frac{13}{56}$	$\Phi_{1120}^{2}\ \Phi_{560}^{2}\ \Phi_{224}\ \Phi_{160}^{2}\ \Phi_{112}\ \Phi_{80}^{2}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{32}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
118833	1629	198	$\frac{17}{198}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{22}$	$\Phi_{198}^{9}\ \Phi_{99}^{9}\ \Phi_{66}^{9}\ \Phi_{33}^{9}\ \Phi_{18}^{9}\ \Phi_{11}^{4}\ \Phi_{9}^{9}\ \Phi_{6}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{5}$
118834	1629	220	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{220}$	$\frac{2}{11}$	$\Phi_{220}^{9}\ \Phi_{110}^{9}\ \Phi_{55}^{9}\ \Phi_{20}^{9}\ \Phi_{11}^{4}\ \Phi_{10}^{9}\ \Phi_{5}^{9}\ \Phi_{1}^{5}$
118835	1629	210	$\frac{1}{10}$	$\frac{29}{210}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{210}^{9}\ \Phi_{105}^{9}\ \Phi_{70}^{5}\ \Phi_{42}^{9}\ \Phi_{35}^{6}\ \Phi_{30}^{9}\ \Phi_{21}^{9}\ \Phi_{15}^{9}\ \Phi_{14}^{5}\ \Phi_{10}^{4}\ \Phi_{7}^{5}\ \Phi_{6}^{9}\ \Phi_{5}^{5}\ \Phi_{3}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
118836	1630	1626	$\frac{2}{813}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{811}{1626}$	$\Phi_{1626}^{2}\ \Phi_{542}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
118837	1630	2600	$\frac{1}{325}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{162}{325}$	$\Phi_{2600}\ \Phi_{520}\ \Phi_{325}\ \Phi_{200}\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}\ \Phi_{25}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
118838	1630	3264	$\frac{1}{272}$	$\frac{273}{1088}$	$\frac{1}{3}$	$\frac{271}{544}$	$\Phi_{3264}\ \Phi_{816}\ \Phi_{408}\ \Phi_{204}\ \Phi_{192}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
118839	1630	4872	$\frac{3}{812}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{809}{1624}$	$\Phi_{4872}\ \Phi_{696}\ \Phi_{168}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
118840	1630	1448	$\frac{1}{181}$	$\frac{91}{724}$	$\frac{633}{1448}$	$\frac{90}{181}$	$\Phi_{1448}^{2}\ \Phi_{181}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
118841	1630	1086	$\frac{1}{181}$	$\frac{271}{1086}$	$\frac{91}{362}$	$\frac{90}{181}$	$\Phi_{1086}^{2}\ \Phi_{543}^{2}\ \Phi_{181}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
118842	1630	324	$\frac{1}{162}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{161}{324}$	$\Phi_{324}^{10}\ \Phi_{108}^{10}\ \Phi_{36}^{10}\ \Phi_{12}^{10}\ \Phi_{9}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{1}^{2}$
118843	1630	324	$\frac{1}{162}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{161}{324}$	$\Phi_{324}^{10}\ \Phi_{108}^{10}\ \Phi_{36}^{10}\ \Phi_{12}^{10}\ \Phi_{6}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
118844	1630	4848	$\frac{7}{808}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{801}{1616}$	$\Phi_{4848}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
118845	1630	654	$\frac{1}{109}$	$\frac{1}{6}$	$\frac{55}{218}$	$\frac{54}{109}$	$\Phi_{654}^{3}\ \Phi_{327}^{3}\ \Phi_{218}\ \Phi_{109}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
118846	1630	1608	$\frac{11}{804}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{793}{1608}$	$\Phi_{1608}^{2}\ \Phi_{536}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
118847	1630	960	$\frac{3}{160}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{157}{320}$	$\Phi_{960}^{5}\ \Phi_{192}^{5}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
118848	1630	3520	$\frac{3}{160}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{157}{320}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{44}\ \Phi_{22}$
118849	1630	4794	$\frac{16}{799}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{783}{1598}$	$\Phi_{4794}\ \Phi_{282}\ \Phi_{102}\ \Phi_{51}\ \Phi_{6}$
118850	1630	864	$\frac{1}{48}$	$\frac{49}{864}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{864}^{2}\ \Phi_{432}^{2}\ \Phi_{288}^{2}\ \Phi_{216}^{2}\ \Phi_{144}^{2}\ \Phi_{108}^{2}\ \Phi_{72}^{2}\ \Phi_{54}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
118851	1630	1584	$\frac{23}{792}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{769}{1584}$	$\Phi_{1584}^{2}\ \Phi_{528}^{2}\ \Phi_{176}^{2}\ \Phi_{144}^{2}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
118852	1630	1581	$\frac{49}{1581}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{766}{1581}$	$\Phi_{1581}\ \Phi_{527}\ \Phi_{93}\ \Phi_{51}^2\ \Phi_{31}\ \Phi_{17}^2\ \Phi_3\ \Phi_1^2$
118853	1630	936	$\frac{4}{117}$	$\frac{1}{9}$	$\frac{121}{936}$	$\frac{113}{234}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
118854	1630	315	$\frac{11}{315}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{152}{315}$	$\Phi_{315}^5\ \Phi_{105}^5\ \Phi_{63}^6\ \Phi_{45}^5\ \Phi_{35}^5\ \Phi_{21}^6\ \Phi_{15}^5\ \Phi_9^5\ \Phi_7^6\ \Phi_5^5\ \Phi_3^5\ \Phi_1^6$
118855	1630	4692	$\frac{1}{34}$	$\frac{33}{782}$	$\frac{1}{3}$	$\frac{749}{1564}$	$\Phi_{4692}\ \Phi_{276}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{12}\ \Phi_6$
118856	1630	1536	$\frac{1}{48}$	$\frac{47}{768}$	$\frac{1}{3}$	$\frac{721}{1536}$	$\Phi_{1536}^2\ \Phi_{512}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118857	1630	2496	$\frac{17}{832}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{192}\ \Phi_{156}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
118858	1630	882	$\frac{4}{63}$	$\frac{67}{882}$	$\frac{1}{9}$	$\frac{59}{126}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{294}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{63}^2\ \Phi_{49}^2\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
118859	1630	306	$\frac{1}{51}$	$\frac{10}{153}$	$\frac{1}{3}$	$\frac{143}{306}$	$\Phi_{306}^{10}\ \Phi_{102}^{10}\ \Phi_{51}^2\ \Phi_{34}^{10}\ \Phi_{18}^{10}\ \Phi_{17}^2\ \Phi_6^{10}\ \Phi_3\ \Phi_2^{10}\ \Phi_1^2$
118860	1630	1521	$\frac{8}{117}$	$\frac{109}{1521}$	$\frac{1}{9}$	$\frac{706}{1521}$	$\Phi_{1521}\ \Phi_{507}\ \Phi_{169}\ \Phi_{117}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
118861	1630	1512	$\frac{4}{63}$	$\frac{59}{756}$	$\frac{1}{9}$	$\frac{697}{1512}$	$\Phi_{1512}^2\ \Phi_{504}^2\ \Phi_{216}^2\ \Phi_{168}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_9\ \Phi_8^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
118862	1630	4488	$\frac{1}{68}$	$\frac{67}{748}$	$\frac{1}{3}$	$\frac{681}{1496}$	$\Phi_{4488}\ \Phi_{408}\ \Phi_{264}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
118863	1630	181	$\frac{10}{181}$	$\frac{18}{181}$	$\frac{19}{181}$	$\frac{81}{181}$	$\Phi_{181}^9\ \Phi_1^{10}$
118864	1630	495	$\frac{2}{165}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{495}^3\ \Phi_{165}^4\ \Phi_{99}^3\ \Phi_{55}^4\ \Phi_{45}^3\ \Phi_{33}^4\ \Phi_{15}^4\ \Phi_{11}^4\ \Phi_9\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
118865	1630	243	$\frac{1}{81}$	$\frac{1}{9}$	$\frac{80}{243}$	$\frac{4}{9}$	$\Phi_{243}^{10}\ \Phi_9\ \Phi_3\ \Phi_1^2$
118866	1630	828	$\frac{13}{828}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}^2\ \Phi_{207}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{36}^2\ \Phi_{23}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
118867	1630	216	$\frac{1}{54}$	$\frac{1}{9}$	$\frac{53}{216}$	$\frac{4}{9}$	$\Phi_{216}^{10}\ \Phi_{108}^{10}\ \Phi_{72}^{10}\ \Phi_{36}^{10}\ \Phi_{24}^{10}\ \Phi_{12}^{10}\ \Phi_9\ \Phi_8^{10}\ \Phi_4^{10}\ \Phi_3\ \Phi_1^2$
118868	1630	837	$\frac{22}{837}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{837}^2\ \Phi_{279}^2\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
118869	1630	504	$\frac{5}{168}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^4\ \Phi_{126}^3\ \Phi_{84}^4\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{36}^3\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_9\ \Phi_8^4\ \Phi_7^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
118870	1630	972	$\frac{5}{162}$	$\frac{1}{9}$	$\frac{157}{972}$	$\frac{4}{9}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{243}^2\ \Phi_{108}^2\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
118871	1630	189	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{26}{189}$	$\frac{4}{9}$	$\Phi_{189}^{10}\ \Phi_{63}^{10}\ \Phi_{21}^{10}\ \Phi_9\ \Phi_7^{10}\ \Phi_3\ \Phi_1^2$
118872	1630	171	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{171}^{10}\ \Phi_{57}^{10}\ \Phi_{19}^{10}\ \Phi_9\ \Phi_3\ \Phi_1^2$
118873	1630	180	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^{10}\ \Phi_{45}^{10}\ \Phi_{36}^{10}\ \Phi_{30}^{10}\ \Phi_{20}^{10}\ \Phi_{15}^{10}\ \Phi_{12}^{10}\ \Phi_{10}^{10}\ \Phi_9\ \Phi_5^{10}\ \Phi_4^{10}\ \Phi_3\ \Phi_1^2$
118874	1630	864	$\frac{49}{864}$	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
118875	1630	891	$\frac{5}{81}$	$\frac{76}{891}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
118876	1630	1428	$\frac{1}{102}$	$\frac{101}{714}$	$\frac{1}{3}$	$\frac{613}{1428}$	$\Phi_{1428}^2\ \Phi_{476}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{84}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{28}^2\ \Phi_{17}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118877	1630	1404	$\frac{4}{117}$	$\frac{1}{9}$	$\frac{113}{702}$	$\frac{589}{1404}$	$\Phi_{1404}^2\ \Phi_{468}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{108}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{36}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
118878	1630	816	$\frac{1}{136}$	$\frac{27}{136}$	$\frac{1}{3}$	$\frac{109}{272}$	$\Phi_{816}^5\ \Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}^5\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
118879	1630	984	$\frac{1}{164}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{984}^4\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
118880	1630	1320	$\frac{2}{165}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{165}^2\ \Phi_{120}^2\ \Phi_{88}^2\ \Phi_{55}^2\ \Phi_{40}\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
118881	1630	1560	$\frac{1}{65}$	$\frac{32}{195}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1560}^2\ \Phi_{520}\ \Phi_{312}^2\ \Phi_{195}^2\ \Phi_{120}^2\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}\ \Phi_{39}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
118882	1630	1848	$\frac{5}{168}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
118883	1630	1352	$\frac{6}{169}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1352}^2\ \Phi_{169}^2\ \Phi_{104}\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
118884	1630	1400	$\frac{1}{25}$	$\frac{12}{175}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1400}^2\ \Phi_{280}^2\ \Phi_{200}\ \Phi_{175}^2\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{35}^2\ \Phi_{25}\ \Phi_8^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
118885	1630	2706	$\frac{1}{41}$	$\frac{1}{11}$	$\frac{40}{123}$	$\frac{83}{246}$	$\Phi_{2706}\ \Phi_{902}\ \Phi_{451}\ \Phi_{66}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
118886	1630	1224	$\frac{1}{204}$	$\frac{203}{612}$	$\frac{1}{3}$	$\frac{409}{1224}$	$\Phi_{1224}^2\ \Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{72}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{24}^2\ \Phi_{17}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118887	1630	330	$\frac{2}{165}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{330}^6\ \Phi_{165}^4\ \Phi_{110}^6\ \Phi_{66}^6\ \Phi_{55}^4\ \Phi_{33}^4\ \Phi_{30}^6\ \Phi_{22}^6\ \Phi_{15}^4\ \Phi_{11}^4\ \Phi_{10}^6\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118888	1630	486	$\frac{1}{81}$	$\frac{1}{6}$	$\frac{80}{243}$	$\frac{1}{3}$	$\Phi_{486}^6\ \Phi_{243}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118889	1630	918	$\frac{1}{51}$	$\frac{103}{918}$	$\frac{50}{153}$	$\frac{1}{3}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{306}^2\ \Phi_{102}^2\ \Phi_{54}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{17}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118890	1630	240	$\frac{3}{80}$	$\frac{1}{16}$	$\frac{77}{240}$	$\frac{1}{3}$	$\Phi_{240}^5\ \Phi_{120}^5\ \Phi_{80}^{10}\ \Phi_{60}^5\ \Phi_{48}^6\ \Phi_{40}^{10}\ \Phi_{30}^5\ \Phi_{24}^6\ \Phi_{20}^{10}\ \Phi_{16}^{10}\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_{10}^{10}\ \Phi_8^{10}\ \Phi_6^6\ \Phi_5^{10}\ \Phi_4^{10}\ \Phi_3^5\ \Phi_2^{10}\ \Phi_1^{10}$
118891	1630	864	$\frac{1}{24}$	$\frac{49}{864}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118892	1630	1152	$\frac{1}{48}$	$\frac{47}{384}$	$\frac{337}{1152}$	$\frac{1}{3}$	$\Phi_{1152}^2\ \Phi_{576}^2\ \Phi_{288}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118893	1630	828	$\frac{13}{828}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}^2\ \Phi_{207}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{36}^2\ \Phi_{23}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118894	1630	2784	$\frac{3}{116}$	$\frac{113}{928}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2784}\ \Phi_{1392}\ \Phi_{696}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
118895	1630	168	$\frac{5}{168}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^{10}\ \Phi_{84}^9\ \Phi_{56}^{10}\ \Phi_{42}^9\ \Phi_{28}^{10}\ \Phi_{24}^{10}\ \Phi_{21}^9\ \Phi_{14}^{10}\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_7^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
118896	1630	216	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{53}{216}$	$\frac{1}{3}$	$\Phi_{216}^{10}\ \Phi_{108}^{10}\ \Phi_{72}^{10}\ \Phi_{36}^{10}\ \Phi_{24}^{10}\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118897	1630	192	$\frac{1}{48}$	$\frac{29}{192}$	$\frac{47}{192}$	$\frac{1}{3}$	$\Phi_{192}^8\ \Phi_{96}^8\ \Phi_{64}^8\ \Phi_{48}^{10}\ \Phi_{32}^8\ \Phi_{24}^{10}\ \Phi_{16}^{10}\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
118898	1630	1056	$\frac{1}{24}$	$\frac{23}{264}$	$\frac{241}{1056}$	$\frac{1}{3}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{176}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118899	1630	666	$\frac{7}{333}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{666}^3\ \Phi_{333}^2\ \Phi_{222}^3\ \Phi_{111}^2\ \Phi_{74}^3\ \Phi_{37}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118900	1630	204	$\frac{1}{51}$	$\frac{10}{51}$	$\frac{41}{204}$	$\frac{1}{3}$	$\Phi_{204}^{10}\ \Phi_{102}^{10}\ \Phi_{68}^{10}\ \Phi_{51}^2\ \Phi_{34}^{10}\ \Phi_{17}^2\ \Phi_{12}^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3\ \Phi_2^{10}\ \Phi_1^2$
118901	1630	810	$\frac{2}{81}$	$\frac{1}{6}$	$\frac{79}{405}$	$\frac{1}{3}$	$\Phi_{810}^3\ \Phi_{405}^2\ \Phi_{270}^3\ \Phi_{135}^2\ \Phi_{90}^3\ \Phi_{45}^2\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118902	1630	528	$\frac{1}{16}$	$\frac{13}{176}$	$\frac{3}{16}$	$\frac{1}{3}$	$\Phi_{528}^5\ \Phi_{264}^5\ \Phi_{132}^5\ \Phi_{66}^5\ \Phi_{48}\ \Phi_{33}^5\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
118903	1630	510	$\frac{7}{170}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{510}^5\ \Phi_{255}^5\ \Phi_{102}^5\ \Phi_{51}^3\ \Phi_{30}^5\ \Phi_{15}^5\ \Phi_6^5\ \Phi_3^2$
118904	1630	168	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{168}^{10}\ \Phi_{84}^{10}\ \Phi_{56}^{10}\ \Phi_{42}^{10}\ \Phi_{28}^{10}\ \Phi_{24}^{10}\ \Phi_{21}^{10}\ \Phi_{14}^{10}\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_7^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118905	1630	972	$\frac{5}{162}$	$\frac{157}{972}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{243}^2\ \Phi_{108}^2\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118906	1630	378	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{378}^6\ \Phi_{189}^4\ \Phi_{126}^6\ \Phi_{63}^4\ \Phi_{42}^6\ \Phi_{21}^4\ \Phi_{14}^6\ \Phi_7^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118907	1630	342	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{342}^6\ \Phi_{171}^4\ \Phi_{114}^6\ \Phi_{57}^4\ \Phi_{38}^6\ \Phi_{19}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118908	1630	180	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^{10}\ \Phi_{45}^{10}\ \Phi_{36}^{10}\ \Phi_{30}^{10}\ \Phi_{20}^{10}\ \Phi_{15}^{10}\ \Phi_{12}^{10}\ \Phi_{10}^{10}\ \Phi_6^2\ \Phi_5^{10}\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118909	1630	864	$\frac{49}{864}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118910	1630	702	$\frac{25}{351}$	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{702}^3\ \Phi_{351}^2\ \Phi_{234}^3\ \Phi_{117}^2\ \Phi_{78}^3\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
118911	1630	192	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{29}{192}$	$\frac{1}{3}$	$\Phi_{192}^{10}\ \Phi_{96}^5\ \Phi_{64}^{10}\ \Phi_{48}^6\ \Phi_{32}^{10}\ \Phi_{24}^6\ \Phi_{16}^{10}\ \Phi_{12}^6\ \Phi_8^{10}\ \Phi_6^6\ \Phi_4^{10}\ \Phi_3^5\ \Phi_2^{10}\ \Phi_1^{10}$
118912	1630	1053	$\frac{4}{117}$	$\frac{1}{9}$	$\frac{238}{1053}$	$\frac{113}{351}$	$\Phi_{1053}^2\ \Phi_{117}^2\ \Phi_{81}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
118913	1630	2640	$\frac{3}{80}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{77}{240}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
118914	1630	189	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{26}{189}$	$\frac{59}{189}$	$\Phi_{189}^8\ \Phi_{63}^{10}\ \Phi_{27}^8\ \Phi_{21}^{10}\ \Phi_9^9\ \Phi_7^{10}\ \Phi_3^9\ \Phi_1^{10}$
118915	1630	181	$\frac{16}{181}$	$\frac{18}{181}$	$\frac{21}{181}$	$\frac{55}{181}$	$\Phi_{181}^9\ \Phi_1^{10}$
118916	1630	1134	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{59}{378}$	$\frac{319}{1134}$	$\Phi_{1134}^2\ \Phi_{567}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
118917	1630	176	$\frac{13}{176}$	$\frac{1}{11}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{176}^9\ \Phi_{88}^9\ \Phi_{44}^{10}\ \Phi_{22}^{10}\ \Phi_{16}^{10}\ \Phi_{11}^9\ \Phi_8^{10}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
118918	1630	2200	$\frac{3}{40}$	$\frac{1}{11}$	$\frac{37}{200}$	$\frac{1}{4}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{44}\ \Phi_{22}$
118919	1630	2112	$\frac{1}{11}$	$\frac{3}{32}$	$\frac{29}{192}$	$\frac{1}{4}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
118920	1630	1980	$\frac{1}{11}$	$\frac{17}{180}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
118921	1630	184	$\frac{2}{23}$	$\frac{21}{184}$	$\frac{3}{23}$	$\frac{1}{4}$	$\Phi_{184}^{10}\ \Phi_{92}^{7}\ \Phi_{46}^{7}\ \Phi_{23}^{10}\ \Phi_{8}^{10}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{10}$
118922	1630	1008	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{193}{1008}$	$\frac{59}{252}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{144}^{2}\ \Phi_{112}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{56}^{2}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{16}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
118923	1630	181	$\frac{16}{181}$	$\frac{18}{181}$	$\frac{33}{181}$	$\frac{37}{181}$	$\Phi_{181}^{9}\ \Phi_{1}^{10}$
118924	1630	189	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{26}{189}$	$\frac{11}{63}$	$\Phi_{189}^{10}\ \Phi_{63}^{6}\ \Phi_{27}^{10}\ \Phi_{21}^{6}\ \Phi_{9}^{5}\ \Phi_{7}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
118925	1631	2608	$\frac{1}{326}$	$\frac{327}{1304}$	$\frac{977}{2608}$	$\frac{325}{652}$	$\Phi_{2608}\ \Phi_{652}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
118926	1631	1392	$\frac{1}{232}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{231}{464}$	$\Phi_{1392}^{2}\ \Phi_{464}^{3}\ \Phi_{48}^{2}\ \Phi_{16}^{3}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
118927	1631	4176	$\frac{1}{232}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{231}{464}$	$\Phi_{4176}\ \Phi_{464}\ \Phi_{144}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
118928	1631	3240	$\frac{11}{1620}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1609}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
118929	1631	3240	$\frac{11}{1620}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1609}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
118930	1631	2180	$\frac{4}{545}$	$\frac{1}{5}$	$\frac{549}{2180}$	$\frac{541}{1090}$	$\Phi_{2180}\ \Phi_{545}\ \Phi_{436}\ \Phi_{109}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
118931	1631	1848	$\frac{2}{231}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{229}{462}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{33}\ \Phi_{28}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
118932	1631	312	$\frac{1}{78}$	$\frac{1}{8}$	$\frac{79}{312}$	$\frac{77}{156}$	$\Phi_{312}^{5}\ \Phi_{156}^{6}\ \Phi_{104}^{5}\ \Phi_{78}^{5}\ \Phi_{52}^{6}\ \Phi_{39}^{5}\ \Phi_{26}^{5}\ \Phi_{24}^{5}\ \Phi_{13}^{5}\ \Phi_{12}^{6}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
118933	1631	3200	$\frac{31}{1600}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1569}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{128}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
118934	1631	456	$\frac{5}{228}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{223}{456}$	$\Phi_{456}^{3}\ \Phi_{228}^{4}\ \Phi_{152}^{3}\ \Phi_{114}^{4}\ \Phi_{76}^{4}\ \Phi_{57}^{4}\ \Phi_{38}^{4}\ \Phi_{24}^{5}\ \Phi_{19}^{4}\ \Phi_{12}^{6}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
118935	1631	1800	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{217}{450}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}^{2}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}^{2}\ \Phi_{25}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
118936	1631	520	$\frac{1}{26}$	$\frac{27}{260}$	$\frac{1}{8}$	$\frac{25}{52}$	$\Phi_{520}^{4}\ \Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{104}^{2}\ \Phi_{65}^{3}\ \Phi_{52}^{2}\ \Phi_{40}^{4}\ \Phi_{26}\ \Phi_{20}^{3}\ \Phi_{13}\ \Phi_{10}^{3}\ \Phi_{8}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
118937	1631	1768	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{209}{442}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{221}\ \Phi_{136}\ \Phi_{104}^{2}\ \Phi_{68}\ \Phi_{52}^{2}\ \Phi_{26}\ \Phi_{17}\ \Phi_{13}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
118938	1631	504	$\frac{1}{18}$	$\frac{19}{252}$	$\frac{1}{8}$	$\frac{17}{36}$	$\Phi_{504}^{4}\ \Phi_{252}^{3}\ \Phi_{168}^{4}\ \Phi_{126}^{3}\ \Phi_{84}^{3}\ \Phi_{72}^{2}\ \Phi_{63}^{3}\ \Phi_{56}^{4}\ \Phi_{42}^{3}\ \Phi_{36}^{2}\ \Phi_{28}^{3}\ \Phi_{24}^{2}\ \Phi_{21}^{3}\ \Phi_{18}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
118939	1631	432	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{1}{8}$	$\frac{199}{432}$	$\Phi_{432}^{7}\ \Phi_{144}^{7}\ \Phi_{72}^{2}\ \Phi_{48}^{7}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}\ \Phi_{16}^{7}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
118940	1631	2160	$\frac{11}{540}$	$\frac{1}{10}$	$\frac{529}{2160}$	$\frac{9}{20}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
118941	1631	240	$\frac{7}{240}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{240}^{7}\ \Phi_{120}^{7}\ \Phi_{80}^{7}\ \Phi_{60}^{6}\ \Phi_{48}^{7}\ \Phi_{40}^{7}\ \Phi_{30}^{6}\ \Phi_{24}^{7}\ \Phi_{20}^{7}\ \Phi_{16}^{7}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{10}^{6}\ \Phi_{8}^{7}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{7}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
118942	1631	1800	$\frac{11}{180}$	$\frac{169}{1800}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
118943	1631	416	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{1}{8}$	$\frac{183}{416}$	$\Phi_{416}^{7}\ \Phi_{104}^{2}\ \Phi_{52}^{2}\ \Phi_{32}^{7}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
118944	1631	348	$\frac{1}{116}$	$\frac{1}{6}$	$\frac{115}{348}$	$\frac{5}{12}$	$\Phi_{348}^{5}\ \Phi_{174}^{5}\ \Phi_{116}^{4}\ \Phi_{87}^{5}\ \Phi_{58}^{4}\ \Phi_{29}^{4}\ \Phi_{12}^{6}\ \Phi_{6}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
118945	1631	708	$\frac{3}{236}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{708}^{2}\ \Phi_{354}^{2}\ \Phi_{236}^{3}\ \Phi_{177}^{2}\ \Phi_{118}^{3}\ \Phi_{59}^{3}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
118946	1631	1740	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{57}{290}$	$\frac{5}{12}$	$\Phi_{1740}^{2}\ \Phi_{580}^{2}\ \Phi_{290}\ \Phi_{145}\ \Phi_{60}^{2}\ \Phi_{20}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
118947	1631	240	$\frac{7}{240}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{240}^{7}\ \Phi_{120}^{7}\ \Phi_{80}^{7}\ \Phi_{60}^{7}\ \Phi_{48}^{7}\ \Phi_{40}^{7}\ \Phi_{30}^{7}\ \Phi_{24}^{5}\ \Phi_{20}^{7}\ \Phi_{16}^{7}\ \Phi_{15}^{7}\ \Phi_{12}^{6}\ \Phi_{10}^{7}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{7}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
118948	1631	1044	$\frac{1}{29}$	$\frac{28}{261}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1044}^{3}\ \Phi_{348}^{2}\ \Phi_{261}\ \Phi_{116}^{2}\ \Phi_{87}\ \Phi_{36}^{3}\ \Phi_{12}^{3}\ \Phi_{9}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
118949	1631	1560	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{38}{195}$	$\frac{157}{390}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{312}^2\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{120}\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{40}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
118950	1631	240	$\frac{7}{240}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{80}^6\ \Phi_{60}^7\ \Phi_{48}^7\ \Phi_{40}^7\ \Phi_{30}^7\ \Phi_{24}^7\ \Phi_{20}^7\ \Phi_{16}^6\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}^6\ \Phi_8^7\ \Phi_6^7\ \Phi_5^6\ \Phi_4^7\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
118951	1631	1650	$\frac{19}{1650}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{330}\ \Phi_{275}\ \Phi_{165}\ \Phi_{150}\ \Phi_{110}\ \Phi_{75}\ \Phi_{66}\ \Phi_{55}\ \Phi_{50}\ \Phi_{33}\ \Phi_{25}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_3\ \Phi_1$
118952	1631	2460	$\frac{9}{410}$	$\frac{1}{10}$	$\frac{401}{1230}$	$\frac{829}{2460}$	$\Phi_{2460}\ \Phi_{820}\ \Phi_{492}\ \Phi_{410}\ \Phi_{205}\ \Phi_{164}\ \Phi_{82}\ \Phi_{60}\ \Phi_{41}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
118953	1631	1044	$\frac{1}{116}$	$\frac{2}{9}$	$\frac{115}{348}$	$\frac{1}{3}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{348}\ \Phi_{261}^2\ \Phi_{174}\ \Phi_{87}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
118954	1631	2124	$\frac{3}{236}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2124}\ \Phi_{1062}\ \Phi_{531}\ \Phi_{236}\ \Phi_{118}\ \Phi_{59}\ \Phi_9\ \Phi_1$
118955	1631	2610	$\frac{1}{58}$	$\frac{57}{290}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2610}\ \Phi_{1305}\ \Phi_{290}\ \Phi_{145}\ \Phi_{90}\ \Phi_{45}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
118956	1631	720	$\frac{7}{240}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{120}\ \Phi_{90}^3\ \Phi_{80}\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}^3\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9^3\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
118957	1631	261	$\frac{1}{29}$	$\frac{28}{261}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{261}^6\ \Phi_{87}^7\ \Phi_{29}^6\ \Phi_9^7\ \Phi_3^7\ \Phi_1^7$
118958	1631	264	$\frac{2}{33}$	$\frac{31}{264}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{264}^6\ \Phi_{132}^6\ \Phi_{88}^6\ \Phi_{66}^6\ \Phi_{44}^6\ \Phi_{33}^7\ \Phi_{24}^7\ \Phi_{22}^6\ \Phi_{12}^7\ \Phi_{11}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
118959	1631	504	$\frac{19}{252}$	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{84}^2\ \Phi_{72}^4\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
118960	1631	2430	$\frac{11}{810}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{799}{2430}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{486}\ \Phi_{243}\ \Phi_{15}\ \Phi_3\ \Phi_1$
118961	1631	2400	$\frac{31}{800}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{769}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
118962	1631	1368	$\frac{5}{114}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{109}{342}$	$\Phi_{1368}^2\ \Phi_{684}^2\ \Phi_{342}\ \Phi_{171}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
118963	1631	1080	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{37}{270}$	$\frac{17}{54}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}\ \Phi_{180}^2\ \Phi_{135}\ \Phi_{120}^2\ \Phi_{90}\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
118964	1631	648	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{17}{108}$	$\frac{91}{324}$	$\Phi_{648}^4\ \Phi_{324}^3\ \Phi_{162}^3\ \Phi_{81}^3\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
118965	1631	2160	$\frac{11}{540}$	$\frac{1}{5}$	$\frac{529}{2160}$	$\frac{4}{15}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
118966	1631	1665	$\frac{34}{1665}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{333}\ \Phi_{185}\ \Phi_{111}\ \Phi_{37}\ \Phi_{15}\ \Phi_3\ \Phi_1$
118967	1631	2025	$\frac{11}{405}$	$\frac{394}{2025}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{225}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
118968	1631	240	$\frac{7}{240}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{80}^7\ \Phi_{60}^6\ \Phi_{48}^7\ \Phi_{40}^7\ \Phi_{30}^6\ \Phi_{24}^7\ \Phi_{20}^6\ \Phi_{16}^7\ \Phi_{15}^7\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_8^7\ \Phi_6^6\ \Phi_5^6\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
118969	1631	270	$\frac{11}{270}$	$\frac{37}{270}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{270}^6\ \Phi_{135}^6\ \Phi_{90}^6\ \Phi_{54}^6\ \Phi_{45}^6\ \Phi_{30}^6\ \Phi_{27}^6\ \Phi_{18}^6\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_9^6\ \Phi_6^6\ \Phi_5^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
118970	1631	1710	$\frac{79}{1710}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{342}\ \Phi_{285}\ \Phi_{190}\ \Phi_{171}\ \Phi_{114}\ \Phi_{95}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{15}\ \Phi_3\ \Phi_1$
118971	1631	1800	$\frac{11}{180}$	$\frac{169}{1800}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
118972	1631	1755	$\frac{124}{1755}$	$\frac{11}{135}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{117}\ \Phi_{65}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_3\ \Phi_1$
118973	1631	312	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{25}{104}$	$\frac{79}{312}$	$\Phi_{312}^7\ \Phi_{156}^7\ \Phi_{104}^2\ \Phi_{78}^7\ \Phi_{52}^2\ \Phi_{39}^7\ \Phi_{26}\ \Phi_{24}^7\ \Phi_{13}\ \Phi_{12}^7\ \Phi_8\ \Phi_6^7\ \Phi_4\ \Phi_3^7\ \Phi_1$
118974	1631	288	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{55}{288}$	$\frac{17}{72}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}^7\ \Phi_{72}^2\ \Phi_{48}^7\ \Phi_{36}^2\ \Phi_{32}^7\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{16}^7\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
118975	1631	1760	$\frac{129}{1760}$	$\frac{1}{10}$	$\frac{31}{160}$	$\frac{9}{40}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
118976	1631	2000	$\frac{31}{400}$	$\frac{1}{10}$	$\frac{369}{2000}$	$\frac{9}{40}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
118977	1631	1800	$\frac{169}{1800}$	$\frac{1}{10}$	$\frac{31}{200}$	$\frac{9}{40}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
118978	1631	1920	$\frac{31}{320}$	$\frac{1}{10}$	$\frac{289}{1920}$	$\frac{9}{40}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
118979	1631	1080	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{37}{270}$	$\frac{8}{45}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}^2\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
118980	1632	1221	$\frac{1}{407}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{203}{407}$	$\Phi_{1221}\ \Phi_{407}^2\ \Phi_{111}\ \Phi_{37}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_{3}^2\ \Phi_{1}^4$
118981	1632	1631	$\frac{5}{1631}$	$\frac{409}{1631}$	$\frac{611}{1631}$	$\frac{813}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^2$
118982	1632	2451	$\frac{3}{817}$	$\frac{205}{817}$	$\frac{1}{3}$	$\frac{407}{817}$	$\Phi_{2451}\ \Phi_{129}\ \Phi_{57}$
118983	1632	1355	$\frac{1}{271}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{135}{271}$	$\Phi_{1355}\ \Phi_{271}^2\ \Phi_{5}^2\ \Phi_{1}^4$
118984	1632	3252	$\frac{1}{271}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{135}{271}$	$\Phi_{3252}\ \Phi_{1626}\ \Phi_{12}^2\ \Phi_{6}^2$
118985	1632	233	$\frac{1}{233}$	$\frac{39}{233}$	$\frac{97}{233}$	$\frac{116}{233}$	$\Phi_{233}^7\ \Phi_{1}^8$
118986	1632	203	$\frac{1}{203}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{101}{203}$	$\Phi_{203}^8\ \Phi_{29}^8\ \Phi_{7}^9\ \Phi_{1}^{10}$
118987	1632	3045	$\frac{1}{203}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{101}{203}$	$\Phi_{3045}\ \Phi_{435}\ \Phi_{105}\ \Phi_{15}^2$
118988	1632	2180	$\frac{3}{545}$	$\frac{1}{4}$	$\frac{137}{545}$	$\frac{271}{545}$	$\Phi_{2180}\ \Phi_{1090}\ \Phi_{436}\ \Phi_{218}\ \Phi_{20}\ \Phi_{10}$
118989	1632	1631	$\frac{9}{1631}$	$\frac{205}{1631}$	$\frac{713}{1631}$	$\frac{811}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^2$
118990	1632	1631	$\frac{9}{1631}$	$\frac{407}{1631}$	$\frac{410}{1631}$	$\frac{811}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^2$
118991	1632	2451	$\frac{5}{817}$	$\frac{137}{817}$	$\frac{1}{3}$	$\frac{406}{817}$	$\Phi_{2451}\ \Phi_{129}\ \Phi_{57}$
118992	1632	2045	$\frac{3}{409}$	$\frac{1}{5}$	$\frac{103}{409}$	$\frac{203}{409}$	Φ_{2045}
118993	1632	1485	$\frac{1}{135}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{67}{135}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}^2\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
118994	1632	945	$\frac{1}{135}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{67}{135}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_{7}^2$
118995	1632	1485	$\frac{1}{135}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{67}{135}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}^2\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
118996	1632	540	$\frac{1}{135}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{67}{135}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^5\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{2}^4$
118997	1632	1631	$\frac{13}{1631}$	$\frac{137}{1631}$	$\frac{747}{1631}$	$\frac{809}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^2$
118998	1632	1631	$\frac{13}{1631}$	$\frac{305}{1631}$	$\frac{411}{1631}$	$\frac{809}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^2$
118999	1632	2451	$\frac{7}{817}$	$\frac{103}{817}$	$\frac{1}{3}$	$\frac{405}{817}$	$\Phi_{2451}\ \Phi_{129}\ \Phi_{57}$
119000	1632	1308	$\frac{1}{109}$	$\frac{55}{327}$	$\frac{1}{4}$	$\frac{54}{109}$	$\Phi_{1308}^2\ \Phi_{654}^2\ \Phi_{436}\ \Phi_{218}\ \Phi_{12}^2\ \Phi_{6}^2$
119001	1632	539	$\frac{5}{539}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{267}{539}$	$\Phi_{539}^3\ \Phi_{77}^3\ \Phi_{49}^3\ \Phi_{11}^3\ \Phi_{7}^5\ \Phi_{1}^6$
119002	1632	1515	$\frac{1}{101}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{50}{101}$	$\Phi_{1515}\ \Phi_{505}\ \Phi_{303}\ \Phi_{101}^2\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
119003	1632	909	$\frac{1}{101}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{50}{101}$	$\Phi_{909}^2\ \Phi_{303}\ \Phi_{101}^2\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^4$
119004	1632	505	$\frac{1}{101}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{50}{101}$	$\Phi_{505}^3\ \Phi_{101}^4\ \Phi_{5}^6\ \Phi_{1}^8$
119005	1632	1631	$\frac{17}{1631}$	$\frac{103}{1631}$	$\frac{764}{1631}$	$\frac{807}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^2$
119006	1632	1631	$\frac{17}{1631}$	$\frac{206}{1631}$	$\frac{475}{1631}$	$\frac{807}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^2$
119007	1632	3040	$\frac{1}{95}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{47}{95}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{160}\ \Phi_{95}\ \Phi_{32}^2\ \Phi_{19}\ \Phi_{5}\ \Phi_{1}^2$
119008	1632	2280	$\frac{1}{95}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{47}{95}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{120}\ \Phi_{114}\ \Phi_{95}\ \Phi_{60}\ \Phi_{57}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
119009	1632	380	$\frac{1}{95}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{47}{95}$	$\Phi_{380}^4\ \Phi_{190}^4\ \Phi_{95}^5\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{20}^5\ \Phi_{19}^5\ \Phi_{10}^5\ \Phi_{5}^6\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
119010	1632	91	$\frac{1}{91}$	$\frac{1}{7}$	$\frac{23}{91}$	$\frac{45}{91}$	$\Phi_{91}^{18}\ \Phi_{13}^{18}\ \Phi_{7}^{17}\ \Phi_{1}^{18}$
119011	1632	1631	$\frac{19}{1631}$	$\frac{275}{1631}$	$\frac{339}{1631}$	$\frac{806}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
119012	1632	2045	$\frac{5}{409}$	$\frac{69}{409}$	$\frac{1}{5}$	$\frac{202}{409}$	Φ_{2045}
119013	1632	2180	$\frac{7}{545}$	$\frac{69}{545}$	$\frac{1}{4}$	$\frac{269}{545}$	$\Phi_{2180}\ \Phi_{1090}\ \Phi_{436}\ \Phi_{218}\ \Phi_{20}\ \Phi_{10}$
119014	1632	233	$\frac{3}{233}$	$\frac{29}{233}$	$\frac{59}{233}$	$\frac{115}{233}$	$\Phi_{233}^7\ \Phi_1^8$
119015	1632	2451	$\frac{11}{817}$	$\frac{69}{817}$	$\frac{1}{3}$	$\frac{403}{817}$	$\Phi_{2451}\ \Phi_{129}\ \Phi_{57}$
119016	1632	1845	$\frac{3}{205}$	$\frac{1}{9}$	$\frac{52}{205}$	$\frac{101}{205}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{369}\ \Phi_{123}\ \Phi_{45}\ \Phi_{15}$
119017	1632	1541	$\frac{1}{67}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{33}{67}$	$\Phi_{1541}\ \Phi_{67}^2\ \Phi_{23}^2\ \Phi_1^4$
119018	1632	2613	$\frac{1}{67}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{33}{67}$	$\Phi_{2613}\ \Phi_{39}^2$
119019	1632	1541	$\frac{1}{67}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{33}{67}$	$\Phi_{1541}\ \Phi_{67}^2\ \Phi_{23}^2\ \Phi_1^4$
119020	1632	2412	$\frac{1}{67}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{33}{67}$	$\Phi_{2412}\ \Phi_{1206}\ \Phi_{804}\ \Phi_{402}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
119021	1632	1541	$\frac{1}{67}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{33}{67}$	$\Phi_{1541}\ \Phi_{67}^2\ \Phi_{23}^2\ \Phi_1^4$
119022	1632	2345	$\frac{1}{67}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{33}{67}$	$\Phi_{2345}\ \Phi_{35}^2$
119023	1632	1631	$\frac{25}{1631}$	$\frac{69}{1631}$	$\frac{781}{1631}$	$\frac{803}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_7\ \Phi_1^2$
119024	1632	1631	$\frac{25}{1631}$	$\frac{207}{1631}$	$\frac{356}{1631}$	$\frac{803}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_7\ \Phi_1^2$
119025	1632	2045	$\frac{7}{409}$	$\frac{52}{409}$	$\frac{1}{5}$	$\frac{201}{409}$	Φ_{2045}
119026	1632	1631	$\frac{29}{1631}$	$\frac{152}{1631}$	$\frac{415}{1631}$	$\frac{801}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_7\ \Phi_1^2$
119027	1632	2451	$\frac{15}{817}$	$\frac{52}{817}$	$\frac{1}{3}$	$\frac{401}{817}$	$\Phi_{2451}\ \Phi_{129}\ \Phi_{57}$
119028	1632	3100	$\frac{1}{50}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{49}{100}$	$\Phi_{3100}\ \Phi_{620}\ \Phi_{124}\ \Phi_{100}^2\ \Phi_{31}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
119029	1632	5100	$\frac{1}{50}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{5100}\ \Phi_{1020}\ \Phi_{204}\ \Phi_{51}$
119030	1632	3100	$\frac{1}{50}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{49}{100}$	$\Phi_{3100}\ \Phi_{620}\ \Phi_{124}\ \Phi_{100}^2\ \Phi_{31}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
119031	1632	900	$\frac{1}{50}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{49}{100}$	$\Phi_{900}^4\ \Phi_{300}^4\ \Phi_{180}^4\ \Phi_{60}^4\ \Phi_{45}\ \Phi_{36}^4\ \Phi_{15}\ \Phi_{12}^4$
119032	1632	1631	$\frac{33}{1631}$	$\frac{104}{1631}$	$\frac{509}{1631}$	$\frac{799}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_7\ \Phi_1^2$
119033	1632	1551	$\frac{1}{47}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{23}{47}$	$\Phi_{1551}\ \Phi_{517}\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
119034	1632	846	$\frac{1}{47}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{846}^2\ \Phi_{423}^2\ \Phi_{282}^2\ \Phi_{141}\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{18}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
119035	1632	1034	$\frac{1}{47}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{23}{47}$	$\Phi_{1034}^2\ \Phi_{517}\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{22}^4\ \Phi_{11}^2\ \Phi_2^4\ \Phi_1^4$
119036	1632	233	$\frac{5}{233}$	$\frac{7}{233}$	$\frac{113}{233}$	$\frac{114}{233}$	$\Phi_{233}^7\ \Phi_1^8$
119037	1632	1781	$\frac{3}{137}$	$\frac{1}{13}$	$\frac{35}{137}$	$\frac{67}{137}$	Φ_{1781}
119038	1632	399	$\frac{3}{133}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{65}{133}$	$\Phi_{399}^6\ \Phi_{57}^7\ \Phi_{21}^6\ \Phi_3^6$
119039	1632	133	$\frac{3}{133}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{65}{133}$	$\Phi_{133}^{12}\ \Phi_{19}^{12}\ \Phi_7^{17}\ \Phi_1^{18}$
119040	1632	1631	$\frac{37}{1631}$	$\frac{139}{1631}$	$\frac{373}{1631}$	$\frac{797}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_7\ \Phi_1^2$
119041	1632	645	$\frac{1}{43}$	$\frac{11}{215}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{645}^4\ \Phi_{129}^3\ \Phi_{15}^4\ \Phi_3^2$
119042	1632	369	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{7}{41}$	$\frac{20}{41}$	$\Phi_{369}^5\ \Phi_{123}^5\ \Phi_9^4\ \Phi_3^4$
119043	1632	1631	$\frac{41}{1631}$	$\frac{209}{1631}$	$\frac{237}{1631}$	$\frac{795}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_7\ \Phi_1^2$
119044	1632	273	$\frac{1}{39}$	$\frac{5}{39}$	$\frac{1}{7}$	$\frac{19}{39}$	$\Phi_{273}^7\ \Phi_{91}^7\ \Phi_{21}^7\ \Phi_7^6$
119045	1632	1631	$\frac{43}{1631}$	$\frac{169}{1631}$	$\frac{279}{1631}$	$\frac{794}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_7\ \Phi_1^2$
119046	1632	2045	$\frac{11}{409}$	$\frac{35}{409}$	$\frac{1}{5}$	$\frac{199}{409}$	Φ_{2045}
119047	1632	436	$\frac{3}{109}$	$\frac{7}{109}$	$\frac{1}{4}$	$\frac{53}{109}$	$\Phi_{436}^5\ \Phi_{218}^5\ \Phi_4^4\ \Phi_2^4$
119048	1632	1631	$\frac{45}{1631}$	$\frac{101}{1631}$	$\frac{419}{1631}$	$\frac{793}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_7\ \Phi_1^2$
119049	1632	2451	$\frac{23}{817}$	$\frac{35}{817}$	$\frac{1}{3}$	$\frac{397}{817}$	$\Phi_{2451}\ \Phi_{129}\ \Phi_{57}$
119050	1632	233	$\frac{7}{233}$	$\frac{29}{233}$	$\frac{30}{233}$	$\frac{113}{233}$	$\Phi_{233}^7\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
119051	1632	825	$\frac{1}{33}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}^2\ \Phi_{75}^3\ \Phi_{55}^2\ \Phi_{25}^2\ \Phi_{15}^3\ \Phi_5^2$
119052	1632	1551	$\frac{1}{33}$	$\frac{2}{47}$	$\frac{15}{47}$	$\frac{16}{33}$	$\Phi_{1551}\ \Phi_{517}\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
119053	1632	2244	$\frac{1}{33}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{374}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{34}^2$
119054	1632	1551	$\frac{1}{33}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{16}{33}$	$\Phi_{1551}\ \Phi_{517}\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
119055	1632	2145	$\frac{1}{33}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{16}{33}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{195}\ \Phi_{65}^2$
119056	1632	1551	$\frac{1}{33}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{16}{33}$	$\Phi_{1551}\ \Phi_{517}\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
119057	1632	693	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{16}{33}$	$\Phi_{693}^3\ \Phi_{231}^2\ \Phi_{77}^2\ \Phi_{63}^4\ \Phi_{21}^3\ \Phi_7^2$
119058	1632	1746	$\frac{3}{97}$	$\frac{1}{18}$	$\frac{25}{97}$	$\frac{47}{97}$	$\Phi_{1746}\ \Phi_{873}\ \Phi_{582}\ \Phi_{291}\ \Phi_{194}$
119059	1632	775	$\frac{1}{31}$	$\frac{1}{25}$	$\frac{8}{25}$	$\frac{15}{31}$	$\Phi_{775}^2\ \Phi_{155}^2\ \Phi_{31}^3\ \Phi_{25}^4\ \Phi_5^4\ \Phi_1^6$
119060	1632	1116	$\frac{1}{31}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{1116}^2\ \Phi_{558}\ \Phi_{372}^2\ \Phi_{279}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{36}^4\ \Phi_{31}\ \Phi_{18}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
119061	1632	1705	$\frac{1}{31}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{15}{31}$	$\Phi_{1705}\ \Phi_{341}\ \Phi_{55}^2\ \Phi_{31}\ \Phi_{11}^2\ \Phi_1^2$
119062	1632	620	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{15}{31}$	$\Phi_{620}^3\ \Phi_{310}^2\ \Phi_{155}^2\ \Phi_{124}^3\ \Phi_{62}^2\ \Phi_{31}^3\ \Phi_{20}^6\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
119063	1632	455	$\frac{3}{91}$	$\frac{47}{455}$	$\frac{1}{7}$	$\frac{44}{91}$	$\Phi_{455}^4\ \Phi_{91}^2\ \Phi_{65}^4\ \Phi_{35}^4\ \Phi_{13}^2\ \Phi_7\ \Phi_5^4\ \Phi_1^2$
119064	1632	525	$\frac{19}{525}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{253}{525}$	$\Phi_{525}^3\ \Phi_{175}^3\ \Phi_{105}^3\ \Phi_{75}^3\ \Phi_{35}^3\ \Phi_{25}^3\ \Phi_{21}^6\ \Phi_{15}^3\ \Phi_7^5\ \Phi_5^3\ \Phi_3^6\ \Phi_1^6$
119065	1632	1631	$\frac{53}{1631}$	$\frac{65}{1631}$	$\frac{526}{1631}$	$\frac{783}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_7\ \Phi_1^2$
119066	1632	1631	$\frac{65}{1631}$	$\frac{71}{1631}$	$\frac{424}{1631}$	$\frac{783}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_7\ \Phi_1^2$
119067	1632	2451	$\frac{25}{817}$	$\frac{33}{817}$	$\frac{1}{3}$	$\frac{392}{817}$	$\Phi_{2451}\ \Phi_{129}\ \Phi_{57}$
119068	1632	490	$\frac{2}{49}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{47}{98}$	$\Phi_{490}^7\ \Phi_{98}^4\ \Phi_{70}^7\ \Phi_{35}^2\ \Phi_{14}^4\ \Phi_{10}^7\ \Phi_7\ \Phi_5^2\ \Phi_2^4\ \Phi_1^2$
119069	1632	1631	$\frac{50}{1631}$	$\frac{69}{1631}$	$\frac{527}{1631}$	$\frac{781}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_7\ \Phi_1^2$
119070	1632	2415	$\frac{1}{35}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{345}\ \Phi_{105}^2\ \Phi_{21}^2\ \Phi_{15}^2$
119071	1632	575	$\frac{1}{25}$	$\frac{1}{23}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{575}^3\ \Phi_{115}^3\ \Phi_{25}^2\ \Phi_5^2$
119072	1632	1541	$\frac{1}{23}$	$\frac{3}{67}$	$\frac{16}{67}$	$\frac{11}{23}$	$\Phi_{1541}\ \Phi_{67}^2\ \Phi_{23}^2\ \Phi_1^4$
119073	1632	2070	$\frac{1}{23}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
119074	1632	1631	$\frac{71}{1631}$	$\frac{73}{1631}$	$\frac{390}{1631}$	$\frac{779}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_7\ \Phi_1^2$
119075	1632	455	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{31}{65}$	$\Phi_{455}^4\ \Phi_{91}^5\ \Phi_{35}^4\ \Phi_7^4$
119076	1632	147	$\frac{1}{21}$	$\frac{11}{147}$	$\frac{1}{7}$	$\frac{10}{21}$	$\Phi_{147}^{12}\ \Phi_{49}^{12}\ \Phi_{21}^6\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
119077	1632	1751	$\frac{5}{103}$	$\frac{1}{17}$	$\frac{18}{103}$	$\frac{49}{103}$	Φ_{1751}
119078	1632	1631	$\frac{81}{1631}$	$\frac{107}{1631}$	$\frac{254}{1631}$	$\frac{775}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_7\ \Phi_1^2$
119079	1632	1781	$\frac{7}{137}$	$\frac{1}{13}$	$\frac{18}{137}$	$\frac{65}{137}$	Φ_{1781}
119080	1632	1746	$\frac{5}{97}$	$\frac{1}{18}$	$\frac{17}{97}$	$\frac{46}{97}$	$\Phi_{1746}\ \Phi_{873}\ \Phi_{582}\ \Phi_{291}\ \Phi_{194}$
119081	1632	1631	$\frac{85}{1631}$	$\frac{143}{1631}$	$\frac{186}{1631}$	$\frac{773}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_7\ \Phi_1^2$
119082	1632	627	$\frac{5}{209}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{627}^4\ \Phi_{57}^3\ \Phi_{33}^4\ \Phi_3^2$
119083	1632	1845	$\frac{11}{205}$	$\frac{18}{205}$	$\frac{1}{9}$	$\frac{97}{205}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{369}\ \Phi_{123}\ \Phi_{45}\ \Phi_{15}$
119084	1632	129	$\frac{1}{43}$	$\frac{7}{129}$	$\frac{1}{3}$	$\frac{61}{129}$	$\Phi_{129}^{13}\ \Phi_{43}^{12}\ \Phi_3^{12}\ \Phi_1^{12}$
119085	1632	1631	$\frac{89}{1631}$	$\frac{118}{1631}$	$\frac{215}{1631}$	$\frac{771}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_7\ \Phi_1^2$
119086	1632	91	$\frac{5}{91}$	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{43}{91}$	$\Phi_{91}^{18}\ \Phi_{13}^{18}\ \Phi_7^{17}\ \Phi_1^{18}$
119087	1632	233	$\frac{12}{233}$	$\frac{13}{233}$	$\frac{41}{233}$	$\frac{110}{233}$	$\Phi_{233}^7\ \Phi_1^8$
119088	1632	2045	$\frac{18}{409}$	$\frac{23}{409}$	$\frac{1}{5}$	$\frac{193}{409}$	Φ_{2045}
119089	1632	2180	$\frac{18}{545}$	$\frac{31}{545}$	$\frac{1}{4}$	$\frac{257}{545}$	$\Phi_{2180}\ \Phi_{1090}\ \Phi_{436}\ \Phi_{218}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
119090	1632	1631	$\frac{50}{1631}$	$\frac{93}{1631}$	$\frac{431}{1631}$	$\frac{769}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^{2}$
119091	1632	2451	$\frac{18}{817}$	$\frac{47}{817}$	$\frac{1}{3}$	$\frac{385}{817}$	$\Phi_{2451}\ \Phi_{129}\ \Phi_{57}$
119092	1632	1631	$\frac{79}{1631}$	$\frac{97}{1631}$	$\frac{288}{1631}$	$\frac{767}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^{2}$
119093	1632	2180	$\frac{17}{545}$	$\frac{33}{545}$	$\frac{1}{4}$	$\frac{256}{545}$	$\Phi_{2180}\ \Phi_{1090}\ \Phi_{436}\ \Phi_{218}\ \Phi_{20}\ \Phi_{10}$
119094	1632	245	$\frac{1}{35}$	$\frac{3}{49}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{245}^{7}\ \Phi_{49}^{6}\ \Phi_{35}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
119095	1632	4704	$\frac{1}{49}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{4704}\ \Phi_{672}\ \Phi_{147}\ \Phi_{21}$
119096	1632	3040	$\frac{2}{95}$	$\frac{1}{16}$	$\frac{31}{95}$	$\frac{15}{32}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{160}\ \Phi_{95}\ \Phi_{32}^{2}\ \Phi_{19}\ \Phi_{5}\ \Phi_{1}^{2}$
119097	1632	1056	$\frac{1}{33}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{1056}^{3}\ \Phi_{352}^{3}\ \Phi_{132}\ \Phi_{96}^{3}\ \Phi_{66}\ \Phi_{44}\ \Phi_{22}\ \Phi_{12}\ \Phi_{6}$
119098	1632	3040	$\frac{3}{95}$	$\frac{1}{16}$	$\frac{23}{95}$	$\frac{15}{32}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{160}\ \Phi_{95}\ \Phi_{32}^{2}\ \Phi_{19}\ \Phi_{5}\ \Phi_{1}^{2}$
119099	1632	800	$\frac{1}{25}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{800}^{4}\ \Phi_{160}^{3}\ \Phi_{32}^{4}\ \Phi_{25}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
119100	1632	608	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{3}{19}$	$\frac{15}{32}$	$\Phi_{608}^{5}\ \Phi_{32}^{6}\ \Phi_{19}^{5}\ \Phi_{1}^{6}$
119101	1632	3808	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{3808}\ \Phi_{119}$
119102	1632	3040	$\frac{1}{16}$	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{15}{32}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{160}\ \Phi_{95}\ \Phi_{32}^{2}\ \Phi_{19}\ \Phi_{5}\ \Phi_{1}^{2}$
119103	1632	3744	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{15}{32}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{117}\ \Phi_{39}$
119104	1632	1631	$\frac{51}{1631}$	$\frac{103}{1631}$	$\frac{395}{1631}$	$\frac{764}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^{2}$
119105	1632	780	$\frac{1}{52}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}^{2}\ \Phi_{156}^{3}\ \Phi_{130}^{2}\ \Phi_{78}^{3}\ \Phi_{65}^{2}\ \Phi_{60}^{2}\ \Phi_{52}^{2}\ \Phi_{39}^{3}\ \Phi_{30}^{2}\ \Phi_{26}^{2}\ \Phi_{20}^{2}\ \Phi_{13}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
119106	1632	1515	$\frac{2}{101}$	$\frac{1}{15}$	$\frac{33}{101}$	$\frac{7}{15}$	$\Phi_{1515}\ \Phi_{505}\ \Phi_{303}\ \Phi_{101}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
119107	1632	420	$\frac{1}{35}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{140}^{6}\ \Phi_{84}^{5}\ \Phi_{70}^{6}\ \Phi_{60}^{4}\ \Phi_{42}^{5}\ \Phi_{30}^{4}\ \Phi_{28}^{6}\ \Phi_{20}^{5}\ \Phi_{14}^{6}\ \Phi_{12}^{4}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
119108	1632	1515	$\frac{5}{101}$	$\frac{1}{15}$	$\frac{16}{101}$	$\frac{7}{15}$	$\Phi_{1515}\ \Phi_{505}\ \Phi_{303}\ \Phi_{101}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
119109	1632	630	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}^{3}\ \Phi_{126}^{4}\ \Phi_{105}^{2}\ \Phi_{70}^{3}\ \Phi_{63}^{4}\ \Phi_{42}^{4}\ \Phi_{35}^{2}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{2}$
119110	1632	1746	$\frac{1}{18}$	$\frac{7}{97}$	$\frac{13}{97}$	$\frac{45}{97}$	$\Phi_{1746}\ \Phi_{873}\ \Phi_{582}\ \Phi_{291}\ \Phi_{194}$
119111	1632	1001	$\frac{7}{143}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{1001}^{2}\ \Phi_{91}\ \Phi_{77}^{2}$
119112	1632	1631	$\frac{83}{1631}$	$\frac{129}{1631}$	$\frac{220}{1631}$	$\frac{751}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^{2}$
119113	1632	63	$\frac{1}{21}$	$\frac{5}{63}$	$\frac{1}{7}$	$\frac{29}{63}$	$\Phi_{63}^{24}\ \Phi_{21}^{30}\ \Phi_{9}^{24}\ \Phi_{7}^{29}\ \Phi_{3}^{30}\ \Phi_{1}^{30}$
119114	1632	2045	$\frac{13}{409}$	$\frac{33}{409}$	$\frac{1}{5}$	$\frac{188}{409}$	Φ_{2045}
119115	1632	233	$\frac{5}{233}$	$\frac{19}{233}$	$\frac{63}{233}$	$\frac{107}{233}$	$\Phi_{233}^{7}\ \Phi_{1}^{8}$
119116	1632	2451	$\frac{13}{817}$	$\frac{67}{817}$	$\frac{1}{3}$	$\frac{375}{817}$	$\Phi_{2451}\ \Phi_{129}\ \Phi_{57}$
119117	1632	1631	$\frac{26}{1631}$	$\frac{137}{1631}$	$\frac{535}{1631}$	$\frac{747}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^{2}$
119118	1632	759	$\frac{1}{69}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{759}^{2}\ \Phi_{253}^{2}\ \Phi_{69}^{4}\ \Phi_{33}\ \Phi_{23}^{4}\ \Phi_{11}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
119119	1632	572	$\frac{1}{52}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{572}^{3}\ \Phi_{286}^{3}\ \Phi_{143}^{3}\ \Phi_{52}^{2}\ \Phi_{44}^{3}\ \Phi_{26}^{2}\ \Phi_{22}^{3}\ \Phi_{13}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
119120	1632	495	$\frac{1}{45}$	$\frac{1}{11}$	$\frac{11}{45}$	$\frac{5}{11}$	$\Phi_{495}^{3}\ \Phi_{165}^{3}\ \Phi_{99}^{3}\ \Phi_{55}^{3}\ \Phi_{45}^{6}\ \Phi_{33}^{3}\ \Phi_{15}^{6}\ \Phi_{11}^{4}\ \Phi_{9}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
119121	1632	385	$\frac{1}{35}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{385}^{4}\ \Phi_{77}^{4}\ \Phi_{55}^{3}\ \Phi_{35}^{8}\ \Phi_{11}^{4}\ \Phi_{7}^{8}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
119122	1632	891	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{13}{81}$	$\frac{5}{11}$	$\Phi_{891}^{2}\ \Phi_{297}\ \Phi_{99}\ \Phi_{81}^{4}\ \Phi_{33}\ \Phi_{27}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
119123	1632	1485	$\frac{7}{135}$	$\frac{1}{11}$	$\frac{16}{135}$	$\frac{5}{11}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}^{2}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}^{2}\ \Phi_{33}\ \Phi_{27}^{2}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
119124	1632	198	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{11}$	$\Phi_{198}^{8}\ \Phi_{99}^{7}\ \Phi_{66}^{8}\ \Phi_{33}^{7}\ \Phi_{22}^{8}\ \Phi_{18}^{16}\ \Phi_{11}^{8}\ \Phi_{9}^{14}\ \Phi_{6}^{16}\ \Phi_{3}^{14}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
119125	1632	825	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{7}{75}$	$\frac{5}{11}$	$\Phi_{825}^{2}\ \Phi_{275}^{2}\ \Phi_{165}\ \Phi_{75}^{4}\ \Phi_{55}\ \Phi_{33}\ \Phi_{25}^{4}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
119126	1632	245	$\frac{1}{35}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{245}^{7}\ \Phi_{49}^{6}\ \Phi_{35}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
119127	1632	1631	$\frac{53}{1631}$	$\frac{171}{1631}$	$\frac{263}{1631}$	$\frac{730}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
119128	1632	1746	$\frac{1}{18}$	$\frac{9}{97}$	$\frac{11}{97}$	$\frac{43}{97}$	$\Phi_{1746}\ \Phi_{873}\ \Phi_{582}\ \Phi_{291}\ \Phi_{194}$
119129	1632	1631	$\frac{87}{1631}$	$\frac{152}{1631}$	$\frac{193}{1631}$	$\frac{719}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^{2}$
119130	1632	1725	$\frac{1}{69}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{345}\ \Phi_{115}\ \Phi_{75}\ \Phi_{15}$
119131	1632	91	$\frac{3}{91}$	$\frac{11}{91}$	$\frac{1}{7}$	$\frac{40}{91}$	$\Phi_{91}^{18}\ \Phi_{13}^{18}\ \Phi_{7}^{17}\ \Phi_{1}^{18}$
119132	1632	1631	$\frac{39}{1631}$	$\frac{199}{1631}$	$\frac{305}{1631}$	$\frac{716}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^{2}$
119133	1632	2180	$\frac{9}{545}$	$\frac{67}{545}$	$\frac{1}{4}$	$\frac{239}{545}$	$\Phi_{2180}\ \Phi_{1090}\ \Phi_{436}\ \Phi_{218}\ \Phi_{20}\ \Phi_{10}$
119134	1632	1631	$\frac{23}{1631}$	$\frac{201}{1631}$	$\frac{458}{1631}$	$\frac{715}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^{2}$
119135	1632	2451	$\frac{9}{817}$	$\frac{101}{817}$	$\frac{1}{3}$	$\frac{358}{817}$	$\Phi_{2451}\ \Phi_{129}\ \Phi_{57}$
119136	1632	1631	$\frac{27}{1631}$	$\frac{205}{1631}$	$\frac{401}{1631}$	$\frac{713}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^{2}$
119137	1632	2910	$\frac{1}{97}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{2910}\ \Phi_{970}\ \Phi_{582}\ \Phi_{291}\ \Phi_{194}$
119138	1632	1470	$\frac{1}{49}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{1470}^{2}\ \Phi_{490}^{2}\ \Phi_{294}^{2}\ \Phi_{245}\ \Phi_{210}^{2}\ \Phi_{98}^{2}\ \Phi_{70}^{2}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{14}^{2}$
119139	1632	2163	$\frac{1}{103}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{2163}\ \Phi_{309}^{2}$
119140	1632	203	$\frac{2}{203}$	$\frac{1}{7}$	$\frac{67}{203}$	$\frac{3}{7}$	$\Phi_{203}^{8}\ \Phi_{29}^{8}\ \Phi_{7}^{9}\ \Phi_{1}^{10}$
119141	1632	413	$\frac{5}{413}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{413}^{4}\ \Phi_{59}^{4}\ \Phi_{7}\ \Phi_{1}^{2}$
119142	1632	1932	$\frac{1}{69}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{322}\ \Phi_{276}^{2}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{84}\ \Phi_{46}^{2}\ \Phi_{42}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
119143	1632	203	$\frac{3}{203}$	$\frac{1}{7}$	$\frac{50}{203}$	$\frac{3}{7}$	$\Phi_{203}^{8}\ \Phi_{29}^{8}\ \Phi_{7}^{9}\ \Phi_{1}^{10}$
119144	1632	1820	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{260}^{2}\ \Phi_{140}\ \Phi_{130}^{2}\ \Phi_{70}\ \Phi_{65}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
119145	1632	1015	$\frac{4}{203}$	$\frac{1}{7}$	$\frac{199}{1015}$	$\frac{3}{7}$	$\Phi_{1015}^{2}\ \Phi_{145}^{2}\ \Phi_{35}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
119146	1632	147	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{147}^{14}\ \Phi_{49}^{6}\ \Phi_{21}^{12}\ \Phi_{7}^{5}\ \Phi_{3}^{12}\ \Phi_{1}^{6}$
119147	1632	203	$\frac{5}{203}$	$\frac{1}{7}$	$\frac{33}{203}$	$\frac{3}{7}$	$\Phi_{203}^{8}\ \Phi_{29}^{8}\ \Phi_{7}^{9}\ \Phi_{1}^{10}$
119148	1632	35	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{35}^{48}\ \Phi_{7}^{41}\ \Phi_{5}^{48}\ \Phi_{1}^{42}$
119149	1632	406	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{406}^{4}\ \Phi_{203}^{3}\ \Phi_{58}^{8}\ \Phi_{29}^{6}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
119150	1632	203	$\frac{11}{203}$	$\frac{16}{203}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{203}^{8}\ \Phi_{29}^{8}\ \Phi_{7}^{9}\ \Phi_{1}^{10}$
119151	1632	1638	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{234}^{2}\ \Phi_{182}\ \Phi_{117}^{2}\ \Phi_{78}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{2}$
119152	1632	1631	$\frac{55}{1631}$	$\frac{197}{1631}$	$\frac{239}{1631}$	$\frac{696}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^{2}$
119153	1632	1746	$\frac{1}{18}$	$\frac{7}{97}$	$\frac{15}{97}$	$\frac{41}{97}$	$\Phi_{1746}\ \Phi_{873}\ \Phi_{582}\ \Phi_{291}\ \Phi_{194}$
119154	1632	1631	$\frac{89}{1631}$	$\frac{118}{1631}$	$\frac{257}{1631}$	$\frac{687}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^{2}$
119155	1632	1845	$\frac{7}{205}$	$\frac{1}{9}$	$\frac{33}{205}$	$\frac{86}{205}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{369}\ \Phi_{123}\ \Phi_{45}\ \Phi_{15}$
119156	1632	819	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{19}{117}$	$\frac{49}{117}$	$\Phi_{819}^{2}\ \Phi_{273}^{3}\ \Phi_{91}^{3}\ \Phi_{63}^{2}\ \Phi_{21}^{3}\ \Phi_{7}^{2}$
119157	1632	1631	$\frac{41}{1631}$	$\frac{237}{1631}$	$\frac{265}{1631}$	$\frac{683}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^{2}$
119158	1632	2045	$\frac{7}{409}$	$\frac{67}{409}$	$\frac{1}{5}$	$\frac{171}{409}$	Φ_{2045}
119159	1632	1631	$\frac{17}{1631}$	$\frac{269}{1631}$	$\frac{475}{1631}$	$\frac{681}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^{2}$
119160	1632	2451	$\frac{7}{817}$	$\frac{135}{817}$	$\frac{1}{3}$	$\frac{341}{817}$	$\Phi_{2451}\ \Phi_{129}\ \Phi_{57}$
119161	1632	2328	$\frac{1}{97}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{2328}\ \Phi_{776}\ \Phi_{582}\ \Phi_{291}\ \Phi_{194}$
119162	1632	233	$\frac{2}{233}$	$\frac{39}{233}$	$\frac{77}{233}$	$\frac{97}{233}$	$\Phi_{233}^{7}\ \Phi_{1}^{8}$
119163	1632	233	$\frac{5}{233}$	$\frac{38}{233}$	$\frac{39}{233}$	$\frac{97}{233}$	$\Phi_{233}^{7}\ \Phi_{1}^{8}$
119164	1632	1751	$\frac{1}{103}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	Φ_{1751}
119165	1632	1631	$\frac{19}{1631}$	$\frac{307}{1631}$	$\frac{403}{1631}$	$\frac{662}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^{2}$
119166	1632	455	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{89}{455}$	$\frac{183}{455}$	$\Phi_{455}^{3}\ \Phi_{91}^{6}\ \Phi_{65}^{3}\ \Phi_{35}^{3}\ \Phi_{13}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{3}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
119167	1632	2055	$\frac{1}{137}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{2055}\ \Phi_{411}^2$
119168	1632	1100	$\frac{3}{275}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1100}^2\ \Phi_{550}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{20}\ \Phi_{10}$
119169	1632	1355	$\frac{3}{271}$	$\frac{1}{5}$	$\frac{67}{271}$	$\frac{2}{5}$	$\Phi_{1355}\ \Phi_{271}^2\ \Phi_5^2\ \Phi_1^4$
119170	1632	345	$\frac{1}{69}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{345}^5\ \Phi_{115}^5\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_{15}^5\ \Phi_3^4$
119171	1632	980	$\frac{1}{49}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{245}\ \Phi_{196}^2\ \Phi_{140}^2\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{14}^2$
119172	1632	1355	$\frac{7}{271}$	$\frac{33}{271}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1355}\ \Phi_{271}^2\ \Phi_5^2\ \Phi_1^4$
119173	1632	315	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{315}^6\ \Phi_{105}^6\ \Phi_{63}^6\ \Phi_{45}^5\ \Phi_{21}^6\ \Phi_{15}^5\ \Phi_9^4\ \Phi_3^4$
119174	1632	1355	$\frac{15}{271}$	$\frac{16}{271}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1355}\ \Phi_{271}^2\ \Phi_5^2\ \Phi_1^4$
119175	1632	1530	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}^2\ \Phi_{255}\ \Phi_{170}\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}^2$
119176	1632	1631	$\frac{29}{1631}$	$\frac{267}{1631}$	$\frac{341}{1631}$	$\frac{645}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_7\ \Phi_1^2$
119177	1632	1716	$\frac{1}{52}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{286}\ \Phi_{156}\ \Phi_{143}\ \Phi_{132}\ \Phi_{78}\ \Phi_{66}\ \Phi_{44}\ \Phi_{39}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
119178	1632	196	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{196}^{14}\ \Phi_{49}^6\ \Phi_{28}^{12}\ \Phi_7^5\ \Phi_4^{12}\ \Phi_1^6$
119179	1632	245	$\frac{1}{35}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{245}^7\ \Phi_{49}^6\ \Phi_{35}^6\ \Phi_7^5\ \Phi_5^6\ \Phi_1^6$
119180	1632	1631	$\frac{59}{1631}$	$\frac{131}{1631}$	$\frac{375}{1631}$	$\frac{628}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_7\ \Phi_1^2$
119181	1632	1781	$\frac{1}{137}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{1781}
119182	1632	233	$\frac{12}{233}$	$\frac{13}{233}$	$\frac{55}{233}$	$\frac{89}{233}$	$\Phi_{233}^7\ \Phi_1^8$
119183	1632	1746	$\frac{5}{97}$	$\frac{1}{18}$	$\frac{23}{97}$	$\frac{37}{97}$	$\Phi_{1746}\ \Phi_{873}\ \Phi_{582}\ \Phi_{291}\ \Phi_{194}$
119184	1632	1781	$\frac{5}{137}$	$\frac{1}{13}$	$\frac{33}{137}$	$\frac{52}{137}$	Φ_{1781}
119185	1632	1631	$\frac{43}{1631}$	$\frac{169}{1631}$	$\frac{397}{1631}$	$\frac{617}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_7\ \Phi_1^2$
119186	1632	738	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{10}{41}$	$\frac{31}{82}$	$\Phi_{738}^4\ \Phi_{369}\ \Phi_{246}^4\ \Phi_{123}\ \Phi_{18}^4\ \Phi_6^4$
119187	1632	233	$\frac{5}{233}$	$\frac{29}{233}$	$\frac{57}{233}$	$\frac{88}{233}$	$\Phi_{233}^7\ \Phi_1^8$
119188	1632	273	$\frac{5}{273}$	$\frac{1}{7}$	$\frac{67}{273}$	$\frac{103}{273}$	$\Phi_{273}^6\ \Phi_{91}^6\ \Phi_{39}^6\ \Phi_{21}^6\ \Phi_{13}^6\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
119189	1632	1631	$\frac{27}{1631}$	$\frac{254}{1631}$	$\frac{401}{1631}$	$\frac{615}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_7\ \Phi_1^2$
119190	1632	2045	$\frac{5}{409}$	$\frac{1}{5}$	$\frac{101}{409}$	$\frac{154}{409}$	Φ_{2045}
119191	1632	1631	$\frac{19}{1631}$	$\frac{339}{1631}$	$\frac{403}{1631}$	$\frac{614}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_7\ \Phi_1^2$
119192	1632	436	$\frac{1}{109}$	$\frac{27}{109}$	$\frac{1}{4}$	$\frac{41}{109}$	$\Phi_{436}^5\ \Phi_{218}^5\ \Phi_4^4\ \Phi_2^4$
119193	1632	1631	$\frac{11}{1631}$	$\frac{405}{1631}$	$\frac{509}{1631}$	$\frac{613}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_7\ \Phi_1^2$
119194	1632	2451	$\frac{5}{817}$	$\frac{203}{817}$	$\frac{1}{3}$	$\frac{307}{817}$	$\Phi_{2451}\ \Phi_{129}\ \Phi_{57}$
119195	1632	1848	$\frac{1}{33}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{22}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
119196	1632	1631	$\frac{15}{1631}$	$\frac{404}{1631}$	$\frac{409}{1631}$	$\frac{611}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_7\ \Phi_1^2$
119197	1632	1725	$\frac{1}{69}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{345}\ \Phi_{115}\ \Phi_{75}\ \Phi_{15}$
119198	1632	1631	$\frac{31}{1631}$	$\frac{200}{1631}$	$\frac{477}{1631}$	$\frac{577}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_7\ \Phi_1^2$
119199	1632	245	$\frac{1}{35}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{245}^7\ \Phi_{49}^6\ \Phi_{35}^6\ \Phi_7^5\ \Phi_5^6\ \Phi_1^6$
119200	1632	858	$\frac{1}{33}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{858}^3\ \Phi_{429}\ \Phi_{286}^3\ \Phi_{143}\ \Phi_{78}^3\ \Phi_{66}^3\ \Phi_{39}\ \Phi_{22}^3\ \Phi_6^3$
119201	1632	233	$\frac{9}{233}$	$\frac{14}{233}$	$\frac{73}{233}$	$\frac{80}{233}$	$\Phi_{233}^7\ \Phi_1^8$
119202	1632	1631	$\frac{67}{1631}$	$\frac{92}{1631}$	$\frac{513}{1631}$	$\frac{559}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_7\ \Phi_1^2$
119203	1632	1746	$\frac{4}{97}$	$\frac{1}{18}$	$\frac{31}{97}$	$\frac{33}{97}$	$\Phi_{1746}\ \Phi_{873}\ \Phi_{582}\ \Phi_{291}\ \Phi_{194}$
119204	1632	1751	$\frac{4}{103}$	$\frac{1}{17}$	$\frac{33}{103}$	$\frac{35}{103}$	Φ_{1751}
119205	1632	1631	$\frac{44}{1631}$	$\frac{135}{1631}$	$\frac{529}{1631}$	$\frac{551}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_7\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
119206	1632	1845	$\frac{4}{205}$	$\frac{1}{9}$	$\frac{67}{205}$	$\frac{69}{205}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{369}\ \Phi_{123}\ \Phi_{45}\ \Phi_{15}$
119207	1632	1631	$\frac{20}{1631}$	$\frac{271}{1631}$	$\frac{537}{1631}$	$\frac{547}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^2$
119208	1632	2045	$\frac{4}{409}$	$\frac{1}{5}$	$\frac{135}{409}$	$\frac{137}{409}$	Φ_{2045}
119209	1632	1631	$\frac{8}{1631}$	$\frac{541}{1631}$	$\frac{543}{1631}$	$\frac{545}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^2$
119210	1632	2451	$\frac{4}{817}$	$\frac{271}{817}$	$\frac{1}{3}$	$\frac{273}{817}$	$\Phi_{2451}\ \Phi_{129}\ \Phi_{57}$
119211	1632	615	$\frac{1}{205}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{615}^3\ \Phi_{205}^2\ \Phi_{123}^3\ \Phi_{41}^2\ \Phi_{15}^3\ \Phi_{5}^2$
119212	1632	1221	$\frac{2}{407}$	$\frac{135}{407}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1221}\ \Phi_{407}^2\ \Phi_{111}\ \Phi_{37}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_{3}^2\ \Phi_{1}^4$
119213	1632	1644	$\frac{1}{137}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1644}\ \Phi_{822}\ \Phi_{548}^2\ \Phi_{274}^2$
119214	1632	1221	$\frac{3}{407}$	$\frac{101}{407}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1221}\ \Phi_{407}^2\ \Phi_{111}\ \Phi_{37}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_{3}^2\ \Phi_{1}^4$
119215	1632	1545	$\frac{1}{103}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1545}\ \Phi_{515}^2$
119216	1632	1221	$\frac{5}{407}$	$\frac{67}{407}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1221}\ \Phi_{407}^2\ \Phi_{111}\ \Phi_{37}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_{3}^2\ \Phi_{1}^4$
119217	1632	483	$\frac{1}{69}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{483}^4\ \Phi_{161}^4\ \Phi_{21}^3\ \Phi_{7}^2$
119218	1632	1221	$\frac{7}{407}$	$\frac{50}{407}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1221}\ \Phi_{407}^2\ \Phi_{111}\ \Phi_{37}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_{3}^2\ \Phi_{1}^4$
119219	1632	468	$\frac{1}{52}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^3\ \Phi_{117}^4\ \Phi_{78}^3\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{36}^4\ \Phi_{26}^2\ \Phi_{18}^4\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
119220	1632	627	$\frac{5}{209}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{627}^2\ \Phi_{209}^4\ \Phi_{57}^2\ \Phi_{33}\ \Phi_{19}^4\ \Phi_{11}^2\ \Phi_{3}^2\ \Phi_{1}^4$
119221	1632	111	$\frac{1}{37}$	$\frac{3}{37}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{111}^{11}\ \Phi_{37}^{22}\ \Phi_{3}^{12}\ \Phi_{1}^{24}$
119222	1632	1365	$\frac{1}{35}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}^2\ \Phi_{273}\ \Phi_{195}\ \Phi_{91}^2\ \Phi_{65}^2$
119223	1632	1221	$\frac{16}{407}$	$\frac{23}{407}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1221}\ \Phi_{407}^2\ \Phi_{111}\ \Phi_{37}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_{3}^2\ \Phi_{1}^4$
119224	1632	450	$\frac{1}{25}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^3\ \Phi_{50}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{25}^2\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_{5}^2$
119225	1632	3045	$\frac{2}{203}$	$\frac{1}{5}$	$\frac{67}{203}$	$\frac{1}{3}$	$\Phi_{3045}\ \Phi_{435}\ \Phi_{105}\ \Phi_{15}^2$
119226	1632	2451	$\frac{10}{817}$	$\frac{137}{817}$	$\frac{269}{817}$	$\frac{1}{3}$	$\Phi_{2451}\ \Phi_{129}\ \Phi_{57}$
119227	1632	2835	$\frac{2}{135}$	$\frac{1}{7}$	$\frac{133}{405}$	$\frac{1}{3}$	$\Phi_{2835}\ \Phi_{567}\ \Phi_{21}$
119228	1632	909	$\frac{2}{101}$	$\frac{1}{9}$	$\frac{33}{101}$	$\frac{1}{3}$	$\Phi_{909}^2\ \Phi_{303}\ \Phi_{101}^2\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^4$
119229	1632	903	$\frac{1}{43}$	$\frac{29}{301}$	$\frac{14}{43}$	$\frac{1}{3}$	$\Phi_{903}^3\ \Phi_{129}\ \Phi_{21}^3$
119230	1632	2451	$\frac{22}{817}$	$\frac{69}{817}$	$\frac{265}{817}$	$\frac{1}{3}$	$\Phi_{2451}\ \Phi_{129}\ \Phi_{57}$
119231	1632	1275	$\frac{1}{25}$	$\frac{1}{17}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{1275}^2\ \Phi_{255}^2\ \Phi_{51}^3$
119232	1632	846	$\frac{2}{47}$	$\frac{1}{18}$	$\frac{15}{47}$	$\frac{1}{3}$	$\Phi_{846}^2\ \Phi_{423}^2\ \Phi_{282}^2\ \Phi_{141}\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{18}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
119233	1632	399	$\frac{6}{133}$	$\frac{1}{19}$	$\frac{127}{399}$	$\frac{1}{3}$	$\Phi_{399}^3\ \Phi_{133}^6\ \Phi_{57}^4\ \Phi_{21}^3\ \Phi_{19}^6\ \Phi_{7}^6\ \Phi_{3}^3\ \Phi_{1}^6$
119234	1632	285	$\frac{13}{285}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{285}^6\ \Phi_{95}^6\ \Phi_{57}^4\ \Phi_{19}^6\ \Phi_{15}^6\ \Phi_{5}^6\ \Phi_{3}^3\ \Phi_{1}^6$
119235	1632	2451	$\frac{35}{817}$	$\frac{46}{817}$	$\frac{257}{817}$	$\frac{1}{3}$	$\Phi_{2451}\ \Phi_{129}\ \Phi_{57}$
119236	1632	2451	$\frac{33}{817}$	$\frac{49}{817}$	$\frac{256}{817}$	$\frac{1}{3}$	$\Phi_{2451}\ \Phi_{129}\ \Phi_{57}$
119237	1632	2475	$\frac{1}{25}$	$\frac{2}{33}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{2475}\ \Phi_{495}\ \Phi_{225}\ \Phi_{75}\ \Phi_{45}\ \Phi_{15}$
119238	1632	2415	$\frac{1}{35}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{345}\ \Phi_{105}^2\ \Phi_{21}^2\ \Phi_{15}^2$
119239	1632	387	$\frac{1}{43}$	$\frac{14}{129}$	$\frac{115}{387}$	$\frac{1}{3}$	$\Phi_{387}^6\ \Phi_{129}\ \Phi_{9}^6$
119240	1632	2451	$\frac{17}{817}$	$\frac{100}{817}$	$\frac{239}{817}$	$\frac{1}{3}$	$\Phi_{2451}\ \Phi_{129}\ \Phi_{57}$
119241	1632	1176	$\frac{1}{49}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}^2\ \Phi_{294}\ \Phi_{196}^2\ \Phi_{168}\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{49}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{7}^2$
119242	1632	2340	$\frac{1}{52}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{234}\ \Phi_{180}\ \Phi_{156}\ \Phi_{117}\ \Phi_{90}\ \Phi_{78}\ \Phi_{39}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
119243	1632	759	$\frac{1}{69}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{759}^2\ \Phi_{253}^2\ \Phi_{69}^4\ \Phi_{33}\ \Phi_{23}^4\ \Phi_{11}^2\ \Phi_{3}^2\ \Phi_{1}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
119244	1632	2451	$\frac{9}{817}$	$\frac{202}{817}$	$\frac{205}{817}$	$\frac{1}{3}$	$\Phi_{2451}\ \Phi_{129}\ \Phi_{57}$
119245	1632	3252	$\frac{3}{271}$	$\frac{67}{271}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3252}\ \Phi_{1626}\ \Phi_{12}^2\ \Phi_{6}^2$
119246	1632	1380	$\frac{1}{69}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1380}^2\ \Phi_{690}^2\ \Phi_{460}^2\ \Phi_{230}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
119247	1632	2940	$\frac{1}{49}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{735}\ \Phi_{420}\ \Phi_{210}\ \Phi_{147}\ \Phi_{105}\ \Phi_{21}$
119248	1632	3252	$\frac{7}{271}$	$\frac{33}{271}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3252}\ \Phi_{1626}\ \Phi_{12}^2\ \Phi_{6}^2$
119249	1632	1260	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{84}\ \Phi_{70}^2$ $\Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2$
119250	1632	3252	$\frac{15}{271}$	$\frac{16}{271}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3252}\ \Phi_{1626}\ \Phi_{12}^2\ \Phi_{6}^2$
119251	1632	612	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{612}^4\ \Phi_{306}^2\ \Phi_{204}^3\ \Phi_{153}^2\ \Phi_{102}\ \Phi_{68}^4\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2$
119252	1632	3045	$\frac{3}{203}$	$\frac{1}{5}$	$\frac{50}{203}$	$\frac{1}{3}$	$\Phi_{3045}\ \Phi_{435}\ \Phi_{105}\ \Phi_{15}^2$
119253	1632	2451	$\frac{13}{817}$	$\frac{154}{817}$	$\frac{201}{817}$	$\frac{1}{3}$	$\Phi_{2451}\ \Phi_{129}\ \Phi_{57}$
119254	1632	315	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{11}{45}$	$\frac{1}{3}$	$\Phi_{315}^6\ \Phi_{105}^6\ \Phi_{63}^6\ \Phi_{35}^6\ \Phi_{21}^7\ \Phi_{7}^6$
119255	1632	2451	$\frac{21}{817}$	$\frac{103}{817}$	$\frac{199}{817}$	$\frac{1}{3}$	$\Phi_{2451}\ \Phi_{129}\ \Phi_{57}$
119256	1632	2613	$\frac{3}{67}$	$\frac{1}{13}$	$\frac{16}{67}$	$\frac{1}{3}$	$\Phi_{2613}\ \Phi_{39}^2$
119257	1632	2451	$\frac{45}{817}$	$\frac{52}{817}$	$\frac{193}{817}$	$\frac{1}{3}$	$\Phi_{2451}\ \Phi_{129}\ \Phi_{57}$
119258	1632	846	$\frac{1}{18}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{1}{3}$	$\Phi_{846}^2\ \Phi_{423}^2\ \Phi_{282}^2\ \Phi_{141}\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{18}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
119259	1632	399	$\frac{1}{19}$	$\frac{9}{133}$	$\frac{31}{133}$	$\frac{1}{3}$	$\Phi_{399}^6\ \Phi_{57}^7\ \Phi_{21}^6\ \Phi_{3}^6$
119260	1632	645	$\frac{11}{215}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{645}^4\ \Phi_{129}^3\ \Phi_{15}^4\ \Phi_{3}^2$
119261	1632	2451	$\frac{37}{817}$	$\frac{65}{817}$	$\frac{188}{817}$	$\frac{1}{3}$	$\Phi_{2451}\ \Phi_{129}\ \Phi_{57}$
119262	1632	1650	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{1650}^2\ \Phi_{825}\ \Phi_{330}^2\ \Phi_{165}\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{30}^2\ \Phi_{15}^2$
119263	1632	1953	$\frac{7}{279}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{217}\ \Phi_{21}$
119264	1632	2415	$\frac{1}{35}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{345}\ \Phi_{105}^2\ \Phi_{21}^2\ \Phi_{15}^2$
119265	1632	627	$\frac{5}{209}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{627}^4\ \Phi_{57}^3\ \Phi_{33}^4\ \Phi_{3}^2$
119266	1632	129	$\frac{1}{43}$	$\frac{7}{43}$	$\frac{9}{43}$	$\frac{1}{3}$	$\Phi_{129}^{19}\ \Phi_{3}^{18}$
119267	1632	780	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{195}^3\ \Phi_{156}^4\ \Phi_{78}^4\ \Phi_{60}^3\ \Phi_{39}^4\ \Phi_{30}^3\ \Phi_{12}^4\ \Phi_{6}^4$
119268	1632	3045	$\frac{5}{203}$	$\frac{33}{203}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3045}\ \Phi_{435}\ \Phi_{105}\ \Phi_{15}^2$
119269	1632	105	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^{23}\ \Phi_{21}^{24}\ \Phi_{15}^{24}\ \Phi_{3}^{24}$
119270	1632	870	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{870}^4\ \Phi_{435}^3\ \Phi_{30}^4\ \Phi_{15}^4$
119271	1632	3045	$\frac{11}{203}$	$\frac{16}{203}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3045}\ \Phi_{435}\ \Phi_{105}\ \Phi_{15}^2$
119272	1632	1170	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{390}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{65}^2$
119273	1632	2805	$\frac{1}{17}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2805}\ \Phi_{561}\ \Phi_{51}$
119274	1632	567	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{13}{81}$	$\frac{1}{3}$	$\Phi_{567}^4\ \Phi_{189}^2\ \Phi_{63}^2\ \Phi_{21}^3\ \Phi_{7}^2$
119275	1632	909	$\frac{5}{101}$	$\frac{1}{9}$	$\frac{16}{101}$	$\frac{1}{3}$	$\Phi_{909}^2\ \Phi_{303}\ \Phi_{101}^2\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^4$
119276	1632	57	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{3}{19}$	$\frac{1}{3}$	$\Phi_{57}^{43}\ \Phi_{3}^{42}$
119277	1632	1020	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{3}$	$\Phi_{1020}^3\ \Phi_{510}^2\ \Phi_{255}^2\ \Phi_{204}^3\ \Phi_{102}^2\ \Phi_{51}^3$
119278	1632	846	$\frac{1}{18}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{3}$	$\Phi_{846}^2\ \Phi_{423}^2\ \Phi_{282}^2\ \Phi_{141}\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{18}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
119279	1632	2451	$\frac{41}{817}$	$\frac{97}{817}$	$\frac{120}{817}$	$\frac{1}{3}$	$\Phi_{2451}\ \Phi_{129}\ \Phi_{57}$
119280	1632	315	$\frac{2}{45}$	$\frac{43}{315}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{315}^5\ \Phi_{105}^5\ \Phi_{63}^5\ \Phi_{45}^6\ \Phi_{35}^5\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_{9}^6\ \Phi_{7}^5\ \Phi_{5}^6\ \Phi_{3}^6\ \Phi_{1}^6$
119281	1632	1995	$\frac{13}{285}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{133}\ \Phi_{21}$
119282	1632	945	$\frac{7}{135}$	$\frac{16}{135}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_{7}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
119283	1632	126	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{126}^{16}\ \Phi_{63}^{14}\ \Phi_{42}^{16}\ \Phi_{21}^{15}\ \Phi_{14}^{16}\ \Phi_{7}^{14}$
119284	1632	525	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{525}^{4}\ \Phi_{175}^{4}\ \Phi_{105}^{2}\ \Phi_{35}^{2}\ \Phi_{21}^{3}\ \Phi_{7}^{2}$
119285	1632	2079	$\frac{2}{27}$	$\frac{25}{297}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{231}\ \Phi_{77}\ \Phi_{21}$
119286	1632	2793	$\frac{1}{19}$	$\frac{115}{931}$	$\frac{18}{133}$	$\frac{1}{3}$	$\Phi_{2793}\ \Phi_{147}\ \Phi_{57}$
119287	1632	1620	$\frac{2}{135}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{133}{405}$	$\Phi_{1620}^{2}\ \Phi_{810}^{2}\ \Phi_{324}^{2}\ \Phi_{162}^{2}\ \Phi_{20}\ \Phi_{10}$
119288	1632	505	$\frac{2}{101}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{33}{101}$	$\Phi_{505}^{3}\ \Phi_{101}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
119289	1632	2280	$\frac{2}{95}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{31}{95}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{120}\ \Phi_{114}\ \Phi_{95}\ \Phi_{60}\ \Phi_{57}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
119290	1632	380	$\frac{2}{95}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{31}{95}$	$\Phi_{380}^{4}\ \Phi_{190}^{4}\ \Phi_{95}^{5}\ \Phi_{76}^{4}\ \Phi_{38}^{4}\ \Phi_{20}^{5}\ \Phi_{19}^{5}\ \Phi_{10}^{5}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
119291	1632	1631	$\frac{38}{1631}$	$\frac{275}{1631}$	$\frac{339}{1631}$	$\frac{531}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^{2}$
119292	1632	2045	$\frac{10}{409}$	$\frac{69}{409}$	$\frac{1}{5}$	$\frac{133}{409}$	Φ_{2045}
119293	1632	2457	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{79}{351}$	$\frac{38}{117}$	$\Phi_{2457}\ \Phi_{273}\ \Phi_{189}\ \Phi_{91}\ \Phi_{21}$
119294	1632	775	$\frac{1}{25}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{8}{25}$	$\Phi_{775}^{2}\ \Phi_{155}^{2}\ \Phi_{31}^{3}\ \Phi_{25}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{6}$
119295	1632	225	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{25}$	$\Phi_{225}^{8}\ \Phi_{75}^{8}\ \Phi_{45}^{9}\ \Phi_{15}^{9}\ \Phi_{9}^{8}\ \Phi_{3}^{8}$
119296	1632	1034	$\frac{2}{47}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{15}{47}$	$\Phi_{1034}^{2}\ \Phi_{517}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{22}^{4}\ \Phi_{11}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
119297	1632	399	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{127}{399}$	$\Phi_{399}^{6}\ \Phi_{57}^{6}\ \Phi_{21}^{6}\ \Phi_{7}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
119298	1632	1631	$\frac{74}{1631}$	$\frac{139}{1631}$	$\frac{373}{1631}$	$\frac{519}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^{2}$
119299	1632	315	$\frac{1}{21}$	$\frac{43}{315}$	$\frac{1}{7}$	$\frac{20}{63}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{45}^{6}\ \Phi_{35}^{6}\ \Phi_{21}^{6}\ \Phi_{15}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
119300	1632	369	$\frac{2}{41}$	$\frac{1}{9}$	$\frac{7}{41}$	$\frac{13}{41}$	$\Phi_{369}^{5}\ \Phi_{123}^{5}\ \Phi_{9}^{4}\ \Phi_{3}^{4}$
119301	1632	1631	$\frac{86}{1631}$	$\frac{169}{1631}$	$\frac{279}{1631}$	$\frac{515}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^{2}$
119302	1632	2045	$\frac{22}{409}$	$\frac{35}{409}$	$\frac{1}{5}$	$\frac{129}{409}$	Φ_{2045}
119303	1632	1541	$\frac{3}{67}$	$\frac{2}{23}$	$\frac{16}{67}$	$\frac{7}{23}$	$\Phi_{1541}\ \Phi_{67}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$
119304	1632	2070	$\frac{1}{18}$	$\frac{2}{23}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
119305	1632	1365	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{7}$	$\frac{59}{195}$	$\Phi_{1365}^{2}\ \Phi_{273}^{2}\ \Phi_{105}^{2}\ \Phi_{91}\ \Phi_{21}^{2}$
119306	1632	1631	$\frac{67}{1631}$	$\frac{155}{1631}$	$\frac{391}{1631}$	$\frac{492}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^{2}$
119307	1632	1746	$\frac{1}{18}$	$\frac{10}{97}$	$\frac{17}{97}$	$\frac{29}{97}$	$\Phi_{1746}\ \Phi_{873}\ \Phi_{582}\ \Phi_{291}\ \Phi_{194}$
119308	1632	1631	$\frac{79}{1631}$	$\frac{194}{1631}$	$\frac{288}{1631}$	$\frac{479}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^{2}$
119309	1632	2045	$\frac{17}{409}$	$\frac{49}{409}$	$\frac{1}{5}$	$\frac{120}{409}$	Φ_{2045}
119310	1632	264	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{264}^{6}\ \Phi_{132}^{7}\ \Phi_{88}^{6}\ \Phi_{66}^{7}\ \Phi_{44}^{7}\ \Phi_{33}^{6}\ \Phi_{24}^{3}\ \Phi_{22}^{7}\ \Phi_{12}^{4}\ \Phi_{11}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
119311	1632	2280	$\frac{3}{95}$	$\frac{1}{8}$	$\frac{23}{95}$	$\frac{7}{24}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{120}\ \Phi_{114}\ \Phi_{95}\ \Phi_{60}\ \Phi_{57}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
119312	1632	600	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{600}^{4}\ \Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{120}^{3}\ \Phi_{75}^{4}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{25}^{4}\ \Phi_{24}^{4}\ \Phi_{15}^{3}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
119313	1632	456	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{3}{19}$	$\frac{7}{24}$	$\Phi_{456}^{5}\ \Phi_{228}^{5}\ \Phi_{114}^{5}\ \Phi_{57}^{5}\ \Phi_{24}^{6}\ \Phi_{19}^{5}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
119314	1632	2856	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{357}\ \Phi_{119}$
119315	1632	2280	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{120}\ \Phi_{114}\ \Phi_{95}\ \Phi_{60}\ \Phi_{57}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
119316	1632	936	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{312}\ \Phi_{234}^{2}\ \Phi_{156}\ \Phi_{117}^{3}\ \Phi_{104}^{2}\ \Phi_{78}\ \Phi_{52}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{2}\ \Phi_{13}^{2}$
119317	1632	105	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{105}^{21}\ \Phi_{35}^{6}\ \Phi_{21}^{18}\ \Phi_{15}^{21}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{3}^{18}\ \Phi_{1}^{6}$
119318	1632	77	$\frac{5}{77}$	$\frac{9}{77}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{77}^{21}\ \Phi_{11}^{21}\ \Phi_{7}^{23}\ \Phi_{1}^{24}$
119319	1632	147	$\frac{11}{147}$	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{147}^{12}\ \Phi_{49}^{9}\ \Phi_{21}^{12}\ \Phi_{7}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
119320	1632	280	$\frac{3}{35}$	$\frac{5}{56}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{280}^{7}\,\Phi_{140}^{7}\,\Phi_{70}^{7}\,\Phi_{56}^{4}\,\Phi_{40}^{7}\,\Phi_{35}^{2}\,\Phi_{28}^{4}\,\Phi_{20}^{7}\,\Phi_{14}^{4}\,\Phi_{10}^{7}\,\Phi_{8}^{4}\,\Phi_{7}\,\Phi_{5}^{2}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{2}$
119321	1632	189	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{10}{63}$	$\frac{53}{189}$	$\Phi_{189}^{12}\,\Phi_{27}^{12}\,\Phi_{21}^{6}\,\Phi_{7}^{5}\,\Phi_{3}^{6}\,\Phi_{1}^{6}$
119322	1632	495	$\frac{1}{45}$	$\frac{2}{11}$	$\frac{11}{45}$	$\frac{3}{11}$	$\Phi_{495}^{3}\,\Phi_{165}^{3}\,\Phi_{99}^{3}\,\Phi_{55}^{3}\,\Phi_{45}^{6}\,\Phi_{33}^{3}\,\Phi_{15}^{6}\,\Phi_{11}^{4}\,\Phi_{9}^{6}\,\Phi_{5}^{6}\,\Phi_{3}^{6}\,\Phi_{1}^{8}$
119323	1632	385	$\frac{1}{35}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{385}^{4}\,\Phi_{77}^{4}\,\Phi_{55}^{3}\,\Phi_{35}^{8}\,\Phi_{11}^{4}\,\Phi_{7}^{8}\,\Phi_{5}^{6}\,\Phi_{1}^{8}$
119324	1632	891	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{891}^{2}\,\Phi_{297}\,\Phi_{99}\,\Phi_{81}^{4}\,\Phi_{33}\,\Phi_{27}^{2}\,\Phi_{11}^{2}\,\Phi_{9}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{4}$
119325	1632	1485	$\frac{7}{135}$	$\frac{16}{135}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1485}\,\Phi_{495}\,\Phi_{297}\,\Phi_{165}\,\Phi_{135}^{2}\,\Phi_{99}\,\Phi_{55}\,\Phi_{45}^{2}\,\Phi_{33}\,\Phi_{27}^{2}\,\Phi_{15}^{2}\,\Phi_{11}^{2}\,\Phi_{9}^{2}\,\Phi_{5}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{4}$
119326	1632	198	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{198}^{8}\,\Phi_{99}^{7}\,\Phi_{66}^{8}\,\Phi_{33}^{7}\,\Phi_{22}^{8}\,\Phi_{18}^{16}\,\Phi_{11}^{8}\,\Phi_{9}^{14}\,\Phi_{6}^{16}\,\Phi_{3}^{14}\,\Phi_{2}^{16}\,\Phi_{1}^{16}$
119327	1632	825	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{825}^{2}\,\Phi_{275}^{2}\,\Phi_{165}\,\Phi_{75}^{4}\,\Phi_{55}\,\Phi_{33}\,\Phi_{25}^{4}\,\Phi_{15}^{2}\,\Phi_{11}^{2}\,\Phi_{5}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{4}$
119328	1632	233	$\frac{5}{233}$	$\frac{44}{233}$	$\frac{57}{233}$	$\frac{63}{233}$	$\Phi_{233}^{7}\,\Phi_{1}^{8}$
119329	1632	2220	$\frac{11}{555}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{2220}\,\Phi_{1110}\,\Phi_{740}\,\Phi_{444}\,\Phi_{370}\,\Phi_{222}\,\Phi_{148}\,\Phi_{74}\,\Phi_{20}\,\Phi_{10}$
119330	1632	2205	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{2205}\,\Phi_{441}\,\Phi_{315}\,\Phi_{245}\,\Phi_{63}\,\Phi_{35}$
119331	1632	245	$\frac{1}{35}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{245}^{7}\,\Phi_{49}^{6}\,\Phi_{35}^{6}\,\Phi_{7}^{5}\,\Phi_{5}^{6}\,\Phi_{1}^{6}$
119332	1632	1631	$\frac{71}{1631}$	$\frac{195}{1631}$	$\frac{359}{1631}$	$\frac{424}{1631}$	$\Phi_{1631}\,\Phi_{233}\,\Phi_{7}\,\Phi_{1}^{2}$
119333	1632	1746	$\frac{1}{18}$	$\frac{9}{97}$	$\frac{22}{97}$	$\frac{25}{97}$	$\Phi_{1746}\,\Phi_{873}\,\Phi_{582}\,\Phi_{291}\,\Phi_{194}$
119334	1632	1631	$\frac{87}{1631}$	$\frac{152}{1631}$	$\frac{386}{1631}$	$\frac{415}{1631}$	$\Phi_{1631}\,\Phi_{233}\,\Phi_{7}\,\Phi_{1}^{2}$
119335	1632	1845	$\frac{9}{205}$	$\frac{1}{9}$	$\frac{49}{205}$	$\frac{52}{205}$	$\Phi_{1845}\,\Phi_{615}\,\Phi_{369}\,\Phi_{123}\,\Phi_{45}\,\Phi_{15}$
119336	1632	91	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{22}{91}$	$\frac{23}{91}$	$\Phi_{91}^{18}\,\Phi_{13}^{18}\,\Phi_{7}^{17}\,\Phi_{1}^{18}$
119337	1632	1631	$\frac{39}{1631}$	$\frac{305}{1631}$	$\frac{398}{1631}$	$\frac{411}{1631}$	$\Phi_{1631}\,\Phi_{233}\,\Phi_{7}\,\Phi_{1}^{2}$
119338	1632	2045	$\frac{9}{409}$	$\frac{1}{5}$	$\frac{100}{409}$	$\frac{103}{409}$	Φ_{2045}
119339	1632	660	$\frac{1}{33}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{660}^{3}\,\Phi_{330}^{3}\,\Phi_{220}^{3}\,\Phi_{165}^{3}\,\Phi_{132}\,\Phi_{110}^{3}\,\Phi_{66}\,\Phi_{60}^{3}\,\Phi_{55}^{3}\,\Phi_{44}\,\Phi_{30}^{3}\,\Phi_{22}\,\Phi_{15}^{3}\,\Phi_{12}\,\Phi_{6}$
119340	1632	180	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{1}{4}$	$\Phi_{180}^{12}\,\Phi_{90}^{12}\,\Phi_{60}^{12}\,\Phi_{36}^{12}\,\Phi_{30}^{12}\,\Phi_{20}^{13}\,\Phi_{18}^{12}\,\Phi_{12}^{12}\,\Phi_{10}^{13}\,\Phi_{6}^{12}\,\Phi_{4}^{12}\,\Phi_{2}^{12}$
119341	1632	2180	$\frac{13}{545}$	$\frac{103}{545}$	$\frac{133}{545}$	$\frac{1}{4}$	$\Phi_{2180}\,\Phi_{1090}\,\Phi_{436}\,\Phi_{218}\,\Phi_{20}\,\Phi_{10}$
119342	1632	380	$\frac{3}{95}$	$\frac{3}{20}$	$\frac{23}{95}$	$\frac{1}{4}$	$\Phi_{380}^{4}\,\Phi_{190}^{4}\,\Phi_{95}^{5}\,\Phi_{76}^{4}\,\Phi_{38}^{4}\,\Phi_{20}^{5}\,\Phi_{19}^{5}\,\Phi_{10}^{5}\,\Phi_{5}^{6}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
119343	1632	2412	$\frac{3}{67}$	$\frac{1}{9}$	$\frac{16}{67}$	$\frac{1}{4}$	$\Phi_{2412}\,\Phi_{1206}\,\Phi_{804}\,\Phi_{402}\,\Phi_{36}^{2}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{6}^{2}$
119344	1632	2180	$\frac{29}{545}$	$\frac{52}{545}$	$\frac{129}{545}$	$\frac{1}{4}$	$\Phi_{2180}\,\Phi_{1090}\,\Phi_{436}\,\Phi_{218}\,\Phi_{20}\,\Phi_{10}$
119345	1632	748	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{748}^{3}\,\Phi_{374}\,\Phi_{187}^{2}\,\Phi_{68}^{4}\,\Phi_{34}^{2}\,\Phi_{17}^{2}$
119346	1632	1116	$\frac{1}{18}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{4}$	$\Phi_{1116}^{2}\,\Phi_{558}\,\Phi_{372}^{2}\,\Phi_{279}\,\Phi_{186}\,\Phi_{124}\,\Phi_{93}\,\Phi_{36}^{4}\,\Phi_{31}\,\Phi_{18}^{2}\,\Phi_{12}^{4}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
119347	1632	436	$\frac{5}{109}$	$\frac{13}{109}$	$\frac{24}{109}$	$\frac{1}{4}$	$\Phi_{436}^{5}\,\Phi_{218}^{5}\,\Phi_{4}^{4}\,\Phi_{2}^{4}$
119348	1632	2112	$\frac{1}{33}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{2112}\,\Phi_{1056}\,\Phi_{704}\,\Phi_{352}\,\Phi_{192}\,\Phi_{132}\,\Phi_{96}\,\Phi_{66}\,\Phi_{44}\,\Phi_{22}\,\Phi_{12}\,\Phi_{6}$
119349	1632	140	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^{16}\,\Phi_{70}^{16}\,\Phi_{28}^{16}\,\Phi_{20}^{13}\,\Phi_{14}^{16}\,\Phi_{10}^{13}\,\Phi_{4}^{12}\,\Phi_{2}^{12}$
119350	1632	2700	$\frac{4}{135}$	$\frac{131}{675}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2700}\,\Phi_{1350}\,\Phi_{900}\,\Phi_{450}\,\Phi_{300}\,\Phi_{150}\,\Phi_{100}\,\Phi_{50}\,\Phi_{20}\,\Phi_{10}$
119351	1632	1620	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1620}^{2}\,\Phi_{810}^{2}\,\Phi_{540}\,\Phi_{270}\,\Phi_{180}\,\Phi_{90}\,\Phi_{60}\,\Phi_{30}\,\Phi_{20}^{2}\,\Phi_{10}^{2}$
119352	1632	100	$\frac{1}{25}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{100}^{16}\,\Phi_{50}^{16}\,\Phi_{25}^{20}\,\Phi_{20}^{13}\,\Phi_{10}^{13}\,\Phi_{5}^{16}\,\Phi_{4}^{12}\,\Phi_{2}^{12}\,\Phi_{1}^{16}$
119353	1632	1260	$\frac{2}{45}$	$\frac{43}{315}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1260}^{2}\,\Phi_{630}^{2}\,\Phi_{420}^{2}\,\Phi_{252}^{2}\,\Phi_{210}^{2}\,\Phi_{140}^{2}\,\Phi_{126}^{2}\,\Phi_{84}^{2}\,\Phi_{70}^{2}\,\Phi_{42}^{2}\,\Phi_{28}^{2}\,\Phi_{20}\,\Phi_{14}^{2}\,\Phi_{10}$
119354	1632	1140	$\frac{13}{285}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1140}^{2}\,\Phi_{570}^{2}\,\Phi_{380}^{2}\,\Phi_{228}^{2}\,\Phi_{190}^{2}\,\Phi_{114}^{2}\,\Phi_{76}^{2}\,\Phi_{38}^{2}\,\Phi_{20}\,\Phi_{10}$
119355	1632	540	$\frac{7}{135}$	$\frac{16}{135}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{540}^{4}\,\Phi_{270}^{4}\,\Phi_{180}^{4}\,\Phi_{108}^{4}\,\Phi_{90}^{4}\,\Phi_{60}^{4}\,\Phi_{54}^{4}\,\Phi_{36}^{4}\,\Phi_{30}^{4}\,\Phi_{20}^{5}\,\Phi_{18}^{4}\,\Phi_{12}^{4}\,\Phi_{10}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{4}\,\Phi_{2}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
119356	1632	180	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^{15}\ \Phi_{90}^{7}\ \Phi_{60}^{15}\ \Phi_{45}^{8}\ \Phi_{30}^{7}\ \Phi_{20}^{16}\ \Phi_{15}^{8}\ \Phi_{10}^{8}\ \Phi_{5}^{8}$
119357	1632	300	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{300}^{8}\ \Phi_{150}^{8}\ \Phi_{100}^{8}\ \Phi_{60}^{4}\ \Phi_{50}^{8}\ \Phi_{30}^{4}\ \Phi_{20}^{5}\ \Phi_{12}^{4}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
119358	1632	2340	$\frac{41}{585}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{468}\ \Phi_{390}\ \Phi_{260}\ \Phi_{234}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
119359	1632	380	$\frac{1}{19}$	$\frac{3}{20}$	$\frac{3}{19}$	$\frac{1}{4}$	$\Phi_{380}^{5}\ \Phi_{190}^{5}\ \Phi_{95}^{5}\ \Phi_{20}^{6}\ \Phi_{19}^{5}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
119360	1632	2380	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{595}\ \Phi_{119}$
119361	1632	380	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{380}^{4}\ \Phi_{190}^{4}\ \Phi_{95}^{5}\ \Phi_{76}^{4}\ \Phi_{38}^{4}\ \Phi_{20}^{5}\ \Phi_{19}^{5}\ \Phi_{10}^{5}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
119362	1632	2340	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{390}\ \Phi_{195}\ \Phi_{117}\ \Phi_{39}$
119363	1632	1541	$\frac{3}{67}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{16}{67}$	$\Phi_{1541}\ \Phi_{67}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$
119364	1632	2345	$\frac{3}{67}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{16}{67}$	$\Phi_{2345}\ \Phi_{35}^{2}$
119365	1632	1631	$\frac{75}{1631}$	$\frac{207}{1631}$	$\frac{356}{1631}$	$\frac{389}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^{2}$
119366	1632	21	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{5}{21}$	$\Phi_{21}^{78}\ \Phi_{7}^{77}\ \Phi_{3}^{78}\ \Phi_{1}^{78}$
119367	1632	1631	$\frac{83}{1631}$	$\frac{220}{1631}$	$\frac{311}{1631}$	$\frac{387}{1631}$	$\Phi_{1631}\ \Phi_{233}\ \Phi_{7}\ \Phi_{1}^{2}$
119368	1632	2045	$\frac{21}{409}$	$\frac{52}{409}$	$\frac{1}{5}$	$\frac{97}{409}$	Φ_{2045}
119369	1632	1034	$\frac{3}{47}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{11}{47}$	$\Phi_{1034}^{2}\ \Phi_{517}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{22}^{4}\ \Phi_{11}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
119370	1632	273	$\frac{1}{13}$	$\frac{5}{39}$	$\frac{1}{7}$	$\frac{3}{13}$	$\Phi_{273}^{8}\ \Phi_{91}^{5}\ \Phi_{21}^{8}\ \Phi_{7}^{4}$
119371	1632	1430	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{22}$	$\Phi_{1430}^{2}\ \Phi_{715}\ \Phi_{130}^{2}\ \Phi_{65}^{2}$
119372	1632	1034	$\frac{1}{11}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{5}{22}$	$\Phi_{1034}^{2}\ \Phi_{517}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{22}^{4}\ \Phi_{11}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
119373	1632	1386	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{5}{22}$	$\Phi_{1386}^{2}\ \Phi_{693}\ \Phi_{462}^{2}\ \Phi_{231}\ \Phi_{126}^{2}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{21}^{2}$
119374	1632	1705	$\frac{4}{55}$	$\frac{3}{31}$	$\frac{1}{5}$	$\frac{7}{31}$	$\Phi_{1705}\ \Phi_{341}\ \Phi_{55}^{2}\ \Phi_{31}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
119375	1632	620	$\frac{3}{31}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{7}{31}$	$\Phi_{620}^{3}\ \Phi_{310}^{2}\ \Phi_{155}^{2}\ \Phi_{124}^{3}\ \Phi_{62}^{2}\ \Phi_{31}^{3}\ \Phi_{20}^{6}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
119376	1632	2070	$\frac{1}{18}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{5}{23}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
119377	1632	1746	$\frac{1}{18}$	$\frac{13}{97}$	$\frac{19}{97}$	$\frac{21}{97}$	$\Phi_{1746}\ \Phi_{873}\ \Phi_{582}\ \Phi_{291}\ \Phi_{194}$
119378	1632	233	$\frac{11}{233}$	$\frac{37}{233}$	$\frac{46}{233}$	$\frac{49}{233}$	$\Phi_{233}^{7}\ \Phi_{1}^{8}$
119379	1632	2045	$\frac{19}{409}$	$\frac{65}{409}$	$\frac{1}{5}$	$\frac{86}{409}$	Φ_{2045}
119380	1632	505	$\frac{5}{101}$	$\frac{16}{101}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{505}^{3}\ \Phi_{101}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
119381	1632	630	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}^{3}\ \Phi_{126}^{4}\ \Phi_{105}^{3}\ \Phi_{70}^{3}\ \Phi_{63}^{4}\ \Phi_{42}^{4}\ \Phi_{21}^{4}\ \Phi_{14}^{4}$
119382	1632	495	$\frac{4}{55}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{495}^{4}\ \Phi_{165}^{4}\ \Phi_{99}^{4}\ \Phi_{45}\ \Phi_{33}^{4}\ \Phi_{15}$
119383	1632	1125	$\frac{2}{25}$	$\frac{1}{9}$	$\frac{23}{125}$	$\frac{1}{5}$	$\Phi_{1125}^{2}\ \Phi_{375}^{2}\ \Phi_{45}\ \Phi_{15}$
119384	1632	225	$\frac{7}{75}$	$\frac{1}{9}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{225}^{8}\ \Phi_{75}^{5}\ \Phi_{45}^{9}\ \Phi_{25}^{6}\ \Phi_{15}^{6}\ \Phi_{9}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
119385	1632	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{1}{5}$	$\Phi_{180}^{12}\ \Phi_{90}^{8}\ \Phi_{60}^{12}\ \Phi_{45}^{9}\ \Phi_{36}^{12}\ \Phi_{30}^{8}\ \Phi_{18}^{8}\ \Phi_{15}^{9}\ \Phi_{12}^{12}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{8}$
119386	1632	2275	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{53}{325}$	$\frac{12}{65}$	$\Phi_{2275}\ \Phi_{175}\ \Phi_{91}$
119387	1632	315	$\frac{2}{21}$	$\frac{43}{315}$	$\frac{1}{7}$	$\frac{19}{105}$	$\Phi_{315}^{6}\ \Phi_{105}^{3}\ \Phi_{63}^{6}\ \Phi_{45}^{6}\ \Phi_{35}^{3}\ \Phi_{21}^{6}\ \Phi_{15}^{3}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{3}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
119388	1632	273	$\frac{4}{39}$	$\frac{5}{39}$	$\frac{1}{7}$	$\frac{7}{39}$	$\Phi_{273}^{7}\ \Phi_{91}^{7}\ \Phi_{21}^{7}\ \Phi_{7}^{6}$
119389	1632	369	$\frac{1}{9}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{7}{41}$	$\Phi_{369}^{5}\ \Phi_{123}^{5}\ \Phi_{9}^{4}\ \Phi_{3}^{4}$
119390	1633	1962	$\frac{2}{327}$	$\frac{329}{1962}$	$\frac{1}{3}$	$\frac{325}{654}$	$\Phi_{1962}\ \Phi_{981}\ \Phi_{327}\ \Phi_{109}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
119391	1633	3240	$\frac{13}{1620}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1607}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
119392	1633	3240	$\frac{13}{1620}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1607}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
119393	1633	2184	$\frac{5}{546}$	$\frac{1}{6}$	$\frac{551}{2184}$	$\frac{541}{1092}$	$\Phi_{2184}\ \Phi_{728}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{182}\ \Phi_{168}\ \Phi_{104}\ \Phi_{91}\ \Phi_{78}\ \Phi_{56}\ \Phi_{42}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{13}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
119394	1633	3072	$\frac{1}{96}$	$\frac{97}{1536}$	$\frac{1439}{3072}$	$\frac{95}{192}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{192}\ \Phi_{64}\ \Phi_1$
119395	1633	2304	$\frac{1}{96}$	$\frac{97}{768}$	$\frac{671}{2304}$	$\frac{95}{192}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
119396	1633	1920	$\frac{1}{96}$	$\frac{287}{1920}$	$\frac{97}{384}$	$\frac{95}{192}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
119397	1633	1540	$\frac{1}{70}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{69}{140}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{140}\ \Phi_{110}^2\ \Phi_{77}^2\ \Phi_{70}^2\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{22}^2\ \Phi_{20}\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
119398	1633	4620	$\frac{1}{70}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{69}{140}$	$\Phi_{4620}\ \Phi_{924}\ \Phi_{660}\ \Phi_{420}\ \Phi_{140}\ \Phi_{132}\ \Phi_{84}\ \Phi_{60}\ \Phi_{33}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
119399	1633	3200	$\frac{33}{1600}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{1567}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{128}\ \Phi_{64}\ \Phi_1$
119400	1633	3200	$\frac{33}{1600}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1567}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{128}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
119401	1633	1968	$\frac{7}{328}$	$\frac{1}{8}$	$\frac{335}{1968}$	$\frac{321}{656}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{492}\ \Phi_{328}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}\ \Phi_{48}\ \Phi_{41}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
119402	1633	1872	$\frac{5}{234}$	$\frac{239}{1872}$	$\frac{1}{6}$	$\frac{229}{468}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{13}\ \Phi_9\ \Phi_8\ \Phi_1$
119403	1633	3192	$\frac{37}{1596}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1559}{3192}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{168}\ \Phi_{152}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
119404	1633	552	$\frac{2}{69}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{552}^3\ \Phi_{276}^3\ \Phi_{184}^3\ \Phi_{138}^2\ \Phi_{92}^3\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{24}^5\ \Phi_{23}^3\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
119405	1633	3168	$\frac{49}{1584}$	$\frac{1}{24}$	$\frac{23}{72}$	$\frac{1535}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
119406	1633	1920	$\frac{1}{32}$	$\frac{33}{320}$	$\frac{287}{1920}$	$\frac{31}{64}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
119407	1633	1764	$\frac{5}{126}$	$\frac{131}{1764}$	$\frac{1}{6}$	$\frac{121}{252}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{63}\ \Phi_{49}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
119408	1633	96	$\frac{1}{24}$	$\frac{1}{24}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{96}^{23}\ \Phi_{32}^{23}\ \Phi_{24}^{22}\ \Phi_{12}^{22}\ \Phi_8^{22}\ \Phi_6^{22}\ \Phi_4^{22}\ \Phi_3^{22}\ \Phi_2^{22}\ \Phi_1^{23}$
119409	1633	136	$\frac{1}{34}$	$\frac{3}{68}$	$\frac{11}{34}$	$\frac{65}{136}$	$\Phi_{136}^{23}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_8^{23}\ \Phi_2^2\ \Phi_1^3$
119410	1633	408	$\frac{1}{24}$	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{408}^4\ \Phi_{204}^4\ \Phi_{136}^3\ \Phi_{102}^4\ \Phi_{68}^4\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{24}^7\ \Phi_{17}^4\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
119411	1633	4620	$\frac{1}{35}$	$\frac{1}{22}$	$\frac{34}{105}$	$\frac{21}{44}$	$\Phi_{4620}\ \Phi_{924}\ \Phi_{660}\ \Phi_{420}\ \Phi_{132}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{44}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
119412	1633	3300	$\frac{1}{22}$	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{300}\ \Phi_{132}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{44}\ \Phi_{25}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
119413	1633	924	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{21}{44}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^3\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{42}^3\ \Phi_{33}^2\ \Phi_{28}\ \Phi_{22}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
119414	1633	308	$\frac{1}{22}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{21}{44}$	$\Phi_{308}^{10}\ \Phi_{77}\ \Phi_{44}^{11}\ \Phi_{28}^{10}\ \Phi_{11}\ \Phi_4^{11}\ \Phi_1$
119415	1633	880	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{21}{44}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{176}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{80}^3\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{40}^3\ \Phi_{22}^2\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
119416	1633	3120	$\frac{73}{1560}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1487}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{80}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
119417	1633	3072	$\frac{1}{32}$	$\frac{97}{1536}$	$\frac{31}{128}$	$\frac{1439}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{128}\ \Phi_{64}\ \Phi_1$
119418	1633	1716	$\frac{83}{1716}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{73}{156}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{286}\ \Phi_{143}\ \Phi_{132}\ \Phi_{78}\ \Phi_{66}\ \Phi_{44}\ \Phi_{39}\ \Phi_{33}\ \Phi_{26}\ \Phi_{22}\ \Phi_{13}\ \Phi_{11}\ \Phi_1$
119419	1633	3060	$\frac{1}{51}$	$\frac{103}{1530}$	$\frac{50}{153}$	$\frac{1427}{3060}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{204}\ \Phi_{180}\ \Phi_{153}\ \Phi_{68}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
119420	1633	264	$\frac{1}{24}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{264}^6\ \Phi_{132}^5\ \Phi_{88}^6\ \Phi_{66}^6\ \Phi_{44}^5\ \Phi_{33}^6\ \Phi_{24}^{11}\ \Phi_{22}^6\ \Phi_{12}^{10}\ \Phi_{11}^6\ \Phi_8^{11}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
119421	1633	3024	$\frac{5}{126}$	$\frac{121}{1512}$	$\frac{1}{6}$	$\frac{1391}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
119422	1633	2244	$\frac{1}{51}$	$\frac{50}{561}$	$\frac{611}{2244}$	$\frac{511}{1122}$	$\Phi_{2244}\ \Phi_{748}\ \Phi_{561}\ \Phi_{204}\ \Phi_{187}\ \Phi_{132}\ \Phi_{68}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
119423	1633	504	$\frac{1}{72}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{84}^5\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{36}^5\ \Phi_{28}^3\ \Phi_{24}^5\ \Phi_{21}^3\ \Phi_{18}^5\ \Phi_{14}^2\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^5\ \Phi_7^3\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
119424	1633	384	$\frac{1}{24}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{384}^8\ \Phi_{128}^7\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
119425	1633	1680	$\frac{47}{1680}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
119426	1633	288	$\frac{1}{72}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{288}^{8}\ \Phi_{96}^{8}\ \Phi_{72}^{7}\ \Phi_{36}^{7}\ \Phi_{32}^{7}\ \Phi_{24}^{7}\ \Phi_{18}^{7}\ \Phi_{12}^{7}\ \Phi_{9}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
119427	1633	240	$\frac{1}{24}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}^{7}\ \Phi_{60}^{8}\ \Phi_{40}^{7}\ \Phi_{30}^{8}\ \Phi_{24}^{7}\ \Phi_{20}^{7}\ \Phi_{15}^{8}\ \Phi_{12}^{7}\ \Phi_{10}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{5}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
119428	1633	504	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{504}^{3}\ \Phi_{252}^{3}\ \Phi_{168}^{3}\ \Phi_{126}^{2}\ \Phi_{84}^{3}\ \Phi_{72}^{6}\ \Phi_{63}^{3}\ \Phi_{56}^{3}\ \Phi_{42}^{2}\ \Phi_{36}^{6}\ \Phi_{28}^{3}\ \Phi_{24}^{5}\ \Phi_{21}^{3}\ \Phi_{18}^{5}\ \Phi_{14}^{2}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
119429	1633	1650	$\frac{17}{1650}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{330}\ \Phi_{275}\ \Phi_{165}\ \Phi_{150}\ \Phi_{110}\ \Phi_{75}\ \Phi_{66}\ \Phi_{55}\ \Phi_{50}\ \Phi_{33}\ \Phi_{25}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}$
119430	1633	2880	$\frac{1}{96}$	$\frac{193}{1440}$	$\frac{95}{288}$	$\frac{1247}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
119431	1633	2880	$\frac{1}{48}$	$\frac{193}{1440}$	$\frac{47}{240}$	$\frac{1247}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
119432	1633	1904	$\frac{1}{34}$	$\frac{33}{238}$	$\frac{271}{1904}$	$\frac{205}{476}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{272}\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{112}\ \Phi_{56}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
119433	1633	2016	$\frac{1}{48}$	$\frac{47}{336}$	$\frac{383}{2016}$	$\frac{289}{672}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
119434	1633	2856	$\frac{1}{34}$	$\frac{33}{238}$	$\frac{205}{1428}$	$\frac{1223}{2856}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{238}\ \Phi_{168}\ \Phi_{136}\ \Phi_{119}\ \Phi_{56}\ \Phi_{24}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
119435	1633	360	$\frac{1}{72}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{4}\ \Phi_{90}^{4}\ \Phi_{72}^{7}\ \Phi_{60}^{4}\ \Phi_{45}^{4}\ \Phi_{40}^{3}\ \Phi_{36}^{7}\ \Phi_{30}^{4}\ \Phi_{24}^{7}\ \Phi_{20}^{4}\ \Phi_{18}^{7}\ \Phi_{15}^{4}\ \Phi_{12}^{7}\ \Phi_{10}^{4}\ \Phi_{9}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
119436	1633	2808	$\frac{5}{234}$	$\frac{229}{1404}$	$\frac{1}{6}$	$\frac{1175}{2808}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{312}\ \Phi_{234}\ \Phi_{216}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
119437	1633	2304	$\frac{1}{96}$	$\frac{95}{576}$	$\frac{671}{2304}$	$\frac{481}{1152}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
119438	1633	1680	$\frac{47}{1680}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
119439	1633	120	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{120}^{11}\ \Phi_{60}^{12}\ \Phi_{40}^{11}\ \Phi_{30}^{12}\ \Phi_{24}^{22}\ \Phi_{20}^{12}\ \Phi_{15}^{12}\ \Phi_{12}^{22}\ \Phi_{10}^{12}\ \Phi_{8}^{22}\ \Phi_{6}^{22}\ \Phi_{5}^{12}\ \Phi_{4}^{22}\ \Phi_{3}^{22}\ \Phi_{2}^{22}\ \Phi_{1}^{23}$
119440	1633	1920	$\frac{1}{48}$	$\frac{287}{1920}$	$\frac{47}{240}$	$\frac{193}{480}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
119441	1633	2040	$\frac{1}{68}$	$\frac{67}{340}$	$\frac{407}{2040}$	$\frac{273}{680}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{120}\ \Phi_{102}\ \Phi_{85}\ \Phi_{60}\ \Phi_{51}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
119442	1633	2720	$\frac{1}{68}$	$\frac{67}{340}$	$\frac{273}{1360}$	$\frac{1087}{2720}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{340}\ \Phi_{170}\ \Phi_{160}\ \Phi_{85}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
119443	1633	2688	$\frac{1}{48}$	$\frac{47}{336}$	$\frac{289}{1344}$	$\frac{1055}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{336}\ \Phi_{168}\ \Phi_{128}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
119444	1633	1792	$\frac{1}{32}$	$\frac{159}{1792}$	$\frac{31}{128}$	$\frac{97}{256}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
119445	1633	2624	$\frac{7}{328}$	$\frac{1}{8}$	$\frac{321}{1312}$	$\frac{991}{2624}$	$\Phi_{2624}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}\ \Phi_{64}\ \Phi_{41}\ \Phi_{1}$
119446	1633	2616	$\frac{2}{327}$	$\frac{325}{1308}$	$\frac{1}{3}$	$\frac{983}{2616}$	$\Phi_{2616}\ \Phi_{872}\ \Phi_{327}\ \Phi_{109}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
119447	1633	72	$\frac{1}{72}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{72}^{23}\ \Phi_{36}^{22}\ \Phi_{24}^{23}\ \Phi_{18}^{23}\ \Phi_{12}^{22}\ \Phi_{9}^{23}\ \Phi_{8}^{23}\ \Phi_{6}^{22}\ \Phi_{4}^{22}\ \Phi_{3}^{22}\ \Phi_{2}^{22}\ \Phi_{1}^{23}$
119448	1633	2496	$\frac{1}{32}$	$\frac{31}{416}$	$\frac{385}{1248}$	$\frac{863}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{192}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
119449	1633	216	$\frac{1}{24}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{216}^{6}\ \Phi_{108}^{5}\ \Phi_{72}^{12}\ \Phi_{54}^{6}\ \Phi_{36}^{11}\ \Phi_{27}^{6}\ \Phi_{24}^{11}\ \Phi_{18}^{11}\ \Phi_{12}^{10}\ \Phi_{9}^{11}\ \Phi_{8}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
119450	1633	1728	$\frac{1}{24}$	$\frac{95}{1728}$	$\frac{23}{72}$	$\frac{49}{144}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
119451	1633	1836	$\frac{1}{51}$	$\frac{203}{1836}$	$\frac{50}{153}$	$\frac{103}{306}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{204}\ \Phi_{153}\ \Phi_{108}\ \Phi_{68}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
119452	1633	2448	$\frac{1}{204}$	$\frac{203}{612}$	$\frac{815}{2448}$	$\frac{409}{1224}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{612}\ \Phi_{306}\ \Phi_{272}\ \Phi_{153}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
119453	1633	2430	$\frac{13}{810}$	$\frac{2}{15}$	$\frac{797}{2430}$	$\frac{1}{3}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{486}\ \Phi_{243}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
119454	1633	1665	$\frac{32}{1665}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{333}\ \Phi_{185}\ \Phi_{111}\ \Phi_{37}\ \Phi_{15}\ \Phi_5\ \Phi_1$
119455	1633	2160	$\frac{13}{540}$	$\frac{2}{15}$	$\frac{527}{2160}$	$\frac{1}{3}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
119456	1633	1680	$\frac{47}{1680}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
119457	1633	75	$\frac{4}{75}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{75}^{21}\ \Phi_{25}^{23}\ \Phi_{15}^{22}\ \Phi_5^{23}\ \Phi_3^{21}\ \Phi_1^{23}$
119458	1633	2025	$\frac{13}{405}$	$\frac{2}{15}$	$\frac{392}{2025}$	$\frac{1}{3}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{225}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_1$
119459	1633	1710	$\frac{77}{1710}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{342}\ \Phi_{285}\ \Phi_{190}\ \Phi_{171}\ \Phi_{114}\ \Phi_{95}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{15}\ \Phi_5\ \Phi_1$
119460	1633	1890	$\frac{13}{270}$	$\frac{2}{15}$	$\frac{257}{1890}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{210}\ \Phi_{189}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_7\ \Phi_5\ \Phi_1$
119461	1633	1755	$\frac{122}{1755}$	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{117}\ \Phi_{65}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_5\ \Phi_1$
119462	1633	1800	$\frac{13}{180}$	$\frac{167}{1800}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
119463	1633	2430	$\frac{13}{810}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{797}{2430}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{486}\ \Phi_{243}\ \Phi_{18}\ \Phi_9\ \Phi_1$
119464	1633	2295	$\frac{1}{51}$	$\frac{103}{765}$	$\frac{662}{2295}$	$\frac{50}{153}$	$\Phi_{2295}\ \Phi_{459}\ \Phi_{153}\ \Phi_{135}\ \Phi_{27}\ \Phi_9\ \Phi_1$
119465	1633	2106	$\frac{5}{234}$	$\frac{1}{6}$	$\frac{473}{2106}$	$\frac{229}{702}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{234}\ \Phi_{162}\ \Phi_{117}\ \Phi_{81}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_1$
119466	1633	1155	$\frac{1}{35}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{34}{105}$	$\Phi_{1155}\ \Phi_{385}^2\ \Phi_{231}\ \Phi_{165}\ \Phi_{105}^2\ \Phi_{77}^2\ \Phi_{55}^2\ \Phi_{35}^2\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^3\ \Phi_1^3$
119467	1633	102	$\frac{1}{34}$	$\frac{3}{34}$	$\frac{31}{102}$	$\frac{11}{34}$	$\Phi_{102}^{23}\ \Phi_{51}^{23}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_6^{23}\ \Phi_3^{23}\ \Phi_2^2\ \Phi_1^3$
119468	1633	1890	$\frac{5}{126}$	$\frac{257}{1890}$	$\frac{1}{6}$	$\frac{121}{378}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{135}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_1$
119469	1633	2400	$\frac{33}{800}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{767}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
119470	1633	2376	$\frac{1}{24}$	$\frac{49}{792}$	$\frac{743}{2376}$	$\frac{23}{72}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
119471	1633	2394	$\frac{37}{798}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{761}{2394}$	$\Phi_{2394}\ \Phi_{1197}\ \Phi_{342}\ \Phi_{171}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
119472	1633	825	$\frac{4}{75}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}\ \Phi_{75}^3\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{25}^3\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_3^3\ \Phi_1^3$
119473	1633	924	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{84}$	$\frac{10}{33}$	$\Phi_{924}^2\ \Phi_{462}\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^3\ \Phi_{77}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{28}^3\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
119474	1633	231	$\frac{6}{77}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{10}{33}$	$\Phi_{231}^{10}\ \Phi_{77}\ \Phi_{33}^{11}\ \Phi_{21}^{10}\ \Phi_{11}\ \Phi_3^{11}\ \Phi_1$
119475	1633	2640	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{10}{33}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{264}\ \Phi_{240}\ \Phi_{132}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
119476	1633	2340	$\frac{5}{78}$	$\frac{73}{780}$	$\frac{1}{6}$	$\frac{707}{2340}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{234}\ \Phi_{180}\ \Phi_{117}\ \Phi_{90}\ \Phi_{78}\ \Phi_{45}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_1$
119477	1633	2304	$\frac{1}{32}$	$\frac{97}{768}$	$\frac{31}{128}$	$\frac{671}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
119478	1633	2142	$\frac{1}{34}$	$\frac{33}{238}$	$\frac{509}{2142}$	$\frac{205}{714}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{306}\ \Phi_{238}\ \Phi_{153}\ \Phi_{126}\ \Phi_{119}\ \Phi_{63}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
119479	1633	2268	$\frac{5}{126}$	$\frac{121}{756}$	$\frac{1}{6}$	$\frac{635}{2268}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{162}\ \Phi_{126}\ \Phi_{81}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
119480	1633	2160	$\frac{13}{540}$	$\frac{1}{6}$	$\frac{527}{2160}$	$\frac{5}{18}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
119481	1633	1674	$\frac{41}{1674}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{1674}\ \Phi_{837}\ \Phi_{558}\ \Phi_{279}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{18}\ \Phi_9\ \Phi_1$
119482	1633	1944	$\frac{13}{324}$	$\frac{311}{1944}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
119483	1633	1710	$\frac{77}{1710}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{342}\ \Phi_{285}\ \Phi_{190}\ \Phi_{171}\ \Phi_{114}\ \Phi_{95}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
119484	1633	1890	$\frac{13}{270}$	$\frac{257}{1890}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{210}\ \Phi_{189}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
119485	1633	1728	$\frac{95}{1728}$	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
119486	1633	1800	$\frac{13}{180}$	$\frac{167}{1800}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
119487	1633	1782	$\frac{13}{162}$	$\frac{149}{1782}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
119488	1633	2160	$\frac{1}{48}$	$\frac{47}{240}$	$\frac{527}{2160}$	$\frac{193}{720}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{60}\ \Phi_{54}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
119489	1633	96	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{96}^{15}\ \Phi_{48}^{15}\ \Phi_{32}^{16}\ \Phi_{24}^{22}\ \Phi_{16}^{16}\ \Phi_{12}^{22}\ \Phi_{8}^{22}\ \Phi_{6}^{22}\ \Phi_{4}^{22}\ \Phi_{3}^{22}\ \Phi_{2}^{22}\ \Phi_{1}^{23}$
119490	1633	1920	$\frac{1}{32}$	$\frac{287}{1920}$	$\frac{31}{128}$	$\frac{97}{384}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
119491	1633	2048	$\frac{1}{32}$	$\frac{97}{512}$	$\frac{415}{2048}$	$\frac{31}{128}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{128}\ \Phi_{64}\ \Phi_{1}$
119492	1633	2016	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{383}{2016}$	$\frac{121}{504}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
119493	1633	1872	$\frac{5}{78}$	$\frac{239}{1872}$	$\frac{1}{6}$	$\frac{73}{312}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{16}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
119494	1633	1760	$\frac{127}{1760}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{160}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
119495	1633	1950	$\frac{5}{78}$	$\frac{317}{1950}$	$\frac{1}{6}$	$\frac{73}{390}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{325}\ \Phi_{150}\ \Phi_{78}\ \Phi_{75}\ \Phi_{50}\ \Phi_{39}\ \Phi_{26}\ \Phi_{25}\ \Phi_{13}\ \Phi_{1}$
119496	1633	2000	$\frac{33}{400}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{367}{2000}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
119497	1633	1800	$\frac{167}{1800}$	$\frac{1}{8}$	$\frac{33}{200}$	$\frac{7}{40}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
119498	1633	1920	$\frac{33}{320}$	$\frac{1}{8}$	$\frac{287}{1920}$	$\frac{7}{40}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
119499	1634	3060	$\frac{1}{85}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{42}{85}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{204}\ \Phi_{180}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{36}^{2}\ \Phi_{20}\ \Phi_{17}\ \Phi_{12}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
119500	1634	1785	$\frac{1}{85}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{42}{85}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{119}\ \Phi_{105}\ \Phi_{85}\ \Phi_{35}\ \Phi_{21}^{2}\ \Phi_{17}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
119501	1634	2295	$\frac{1}{85}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{42}{85}$	$\Phi_{2295}\ \Phi_{459}\ \Phi_{135}\ \Phi_{85}\ \Phi_{27}^{2}\ \Phi_{17}\ \Phi_{5}\ \Phi_{1}^{2}$
119502	1634	2040	$\frac{1}{85}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{42}{85}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{408}\ \Phi_{340}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{17}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
119503	1634	1562	$\frac{1}{71}$	$\frac{36}{781}$	$\frac{745}{1562}$	$\frac{35}{71}$	$\Phi_{1562}^{2}\ \Phi_{142}^{2}\ \Phi_{71}\ \Phi_{22}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
119504	1634	1610	$\frac{12}{805}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{793}{1610}$	$\Phi_{1610}^{2}\ \Phi_{322}^{2}\ \Phi_{230}^{2}\ \Phi_{70}^{2}\ \Phi_{46}^{2}\ \Phi_{23}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
119505	1634	3108	$\frac{1}{42}$	$\frac{1}{37}$	$\frac{18}{37}$	$\frac{41}{84}$	$\Phi_{3108}\ \Phi_{1036}\ \Phi_{444}\ \Phi_{148}\ \Phi_{84}^{2}\ \Phi_{37}\ \Phi_{28}^{2}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
119506	1634	420	$\frac{1}{42}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{2}\ \Phi_{70}^{4}\ \Phi_{60}^{5}\ \Phi_{42}^{4}\ \Phi_{35}^{4}\ \Phi_{30}^{5}\ \Phi_{28}^{2}\ \Phi_{21}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{5}\ \Phi_{14}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
119507	1634	1665	$\frac{1}{37}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{333}\ \Phi_{185}\ \Phi_{45}^{2}\ \Phi_{37}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
119508	1634	2331	$\frac{1}{37}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{18}{37}$	$\Phi_{2331}\ \Phi_{333}\ \Phi_{63}^{2}\ \Phi_{37}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
119509	1634	2072	$\frac{1}{37}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{18}{37}$	$\Phi_{2072}\ \Phi_{1036}\ \Phi_{296}\ \Phi_{148}\ \Phi_{56}^{2}\ \Phi_{37}\ \Phi_{28}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
119510	1634	1776	$\frac{1}{37}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{18}{37}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{592}\ \Phi_{444}\ \Phi_{296}\ \Phi_{148}\ \Phi_{48}^{2}\ \Phi_{37}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
119511	1634	1813	$\frac{1}{37}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{18}{37}$	$\Phi_{1813}\ \Phi_{49}^{2}\ \Phi_{37}\ \Phi_{1}^{2}$
119512	1634	1587	$\frac{47}{1587}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{770}{1587}$	$\Phi_{1587}\ \Phi_{529}\ \Phi_{69}^{2}\ \Phi_{23}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
119513	1634	580	$\frac{1}{29}$	$\frac{1}{20}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{580}^{3}\ \Phi_{290}^{3}\ \Phi_{145}^{3}\ \Phi_{116}^{3}\ \Phi_{58}\ \Phi_{29}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
119514	1634	1104	$\frac{11}{276}$	$\frac{1}{23}$	$\frac{287}{1104}$	$\frac{265}{552}$	$\Phi_{1104}^{2}\ \Phi_{368}^{2}\ \Phi_{276}^{2}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{69}^{2}\ \Phi_{48}^{2}\ \Phi_{46}^{2}\ \Phi_{23}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
119515	1634	46	$\frac{1}{23}$	$\frac{3}{46}$	$\frac{4}{23}$	$\frac{11}{23}$	$\Phi_{46}^{38}\ \Phi_{23}^{33}\ \Phi_{2}^{38}\ \Phi_{1}^{34}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
119516	1634	966	$\frac{1}{23}$	$\frac{12}{161}$	$\frac{149}{966}$	$\frac{11}{23}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{322}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{42}^2\ \Phi_{23}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
119517	1634	920	$\frac{1}{23}$	$\frac{12}{115}$	$\frac{103}{920}$	$\frac{11}{23}$	$\Phi_{920}^2\ \Phi_{460}^2\ \Phi_{230}^2\ \Phi_{184}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{40}^2\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
119518	1634	1564	$\frac{1}{23}$	$\frac{35}{782}$	$\frac{11}{46}$	$\frac{747}{1564}$	$\Phi_{1564}^2\ \Phi_{92}^2\ \Phi_{68}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
119519	1634	396	$\frac{1}{44}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^5\ \Phi_{99}^4\ \Phi_{66}^5\ \Phi_{44}^4\ \Phi_{36}^2\ \Phi_{33}^5\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_{11}^4\ \Phi_9^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
119520	1634	180	$\frac{2}{45}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{180}^{17}\ \Phi_{60}^{17}\ \Phi_{45}^2\ \Phi_{36}^{18}\ \Phi_{20}^{17}\ \Phi_{15}^2\ \Phi_{12}^{18}\ \Phi_9^2\ \Phi_5\ \Phi_4^{18}\ \Phi_3^2\ \Phi_1^2$
119521	1634	612	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{17}{36}$	$\Phi_{612}^5\ \Phi_{204}^5\ \Phi_{68}^5\ \Phi_{51}^2\ \Phi_{36}^6\ \Phi_{17}\ \Phi_{12}^6\ \Phi_4^6\ \Phi_3^2\ \Phi_1^2$
119522	1634	3120	$\frac{1}{39}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{26}\ \Phi_{12}\ \Phi_6$
119523	1634	1518	$\frac{1}{23}$	$\frac{58}{759}$	$\frac{11}{69}$	$\frac{701}{1518}$	$\Phi_{1518}^2\ \Phi_{506}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{66}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{22}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
119524	1634	572	$\frac{1}{44}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{572}^3\ \Phi_{286}^3\ \Phi_{143}^3\ \Phi_{52}^3\ \Phi_{44}^2\ \Phi_{26}\ \Phi_{22}^2\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_4^2\ \Phi_1^2$
119525	1634	1491	$\frac{1}{71}$	$\frac{143}{1491}$	$\frac{70}{213}$	$\frac{674}{1491}$	$\Phi_{1491}\ \Phi_{497}\ \Phi_{213}^2\ \Phi_{71}\ \Phi_{21}\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
119526	1634	1472	$\frac{1}{23}$	$\frac{81}{736}$	$\frac{11}{92}$	$\frac{655}{1472}$	$\Phi_{1472}^2\ \Phi_{92}^2\ \Phi_{64}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
119527	1634	920	$\frac{1}{23}$	$\frac{103}{920}$	$\frac{11}{92}$	$\frac{81}{184}$	$\Phi_{920}^2\ \Phi_{460}^2\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{40}^2\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
119528	1634	1136	$\frac{1}{71}$	$\frac{35}{284}$	$\frac{319}{1136}$	$\frac{249}{568}$	$\Phi_{1136}^2\ \Phi_{284}^2\ \Phi_{142}^2\ \Phi_{71}\ \Phi_{16}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
119529	1634	1449	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{185}{1449}$	$\frac{632}{1449}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}^2\ \Phi_{161}\ \Phi_{69}^2\ \Phi_{63}\ \Phi_{23}\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
119530	1634	1420	$\frac{1}{71}$	$\frac{107}{710}$	$\frac{35}{142}$	$\frac{603}{1420}$	$\Phi_{1420}^2\ \Phi_{284}^2\ \Phi_{142}^2\ \Phi_{71}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
119531	1634	1380	$\frac{1}{23}$	$\frac{11}{138}$	$\frac{127}{690}$	$\frac{563}{1380}$	$\Phi_{1380}^2\ \Phi_{460}^2\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{60}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
119532	1634	2784	$\frac{1}{87}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{96}\ \Phi_{58}\ \Phi_{12}\ \Phi_6$
119533	1634	696	$\frac{1}{87}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{696}^2\ \Phi_{348}^3\ \Phi_{232}^2\ \Phi_{174}^3\ \Phi_{116}^3\ \Phi_{87}^2\ \Phi_{58}^3\ \Phi_{29}^2\ \Phi_{24}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
119534	1634	624	$\frac{1}{39}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{624}^3\ \Phi_{312}^2\ \Phi_{208}^3\ \Phi_{156}^3\ \Phi_{104}^2\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{48}^2\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
119535	1634	870	$\frac{1}{87}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{870}^3\ \Phi_{435}\ \Phi_{290}^3\ \Phi_{174}^3\ \Phi_{145}\ \Phi_{58}^3\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
119536	1634	1278	$\frac{1}{71}$	$\frac{35}{213}$	$\frac{178}{639}$	$\frac{461}{1278}$	$\Phi_{1278}^2\ \Phi_{426}^2\ \Phi_{213}^2\ \Phi_{142}^2\ \Phi_{71}\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
119537	1634	858	$\frac{1}{39}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{858}^3\ \Phi_{429}\ \Phi_{286}^3\ \Phi_{143}\ \Phi_{78}^3\ \Phi_{66}^2\ \Phi_{33}\ \Phi_{26}^3\ \Phi_{22}^2\ \Phi_6^2\ \Phi_2^2$
119538	1634	1242	$\frac{1}{23}$	$\frac{11}{207}$	$\frac{196}{621}$	$\frac{425}{1242}$	$\Phi_{1242}^2\ \Phi_{414}^2\ \Phi_{207}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{54}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
119539	1634	924	$\frac{1}{44}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{66}\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_6$
119540	1634	180	$\frac{2}{45}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^9\ \Phi_{45}^8\ \Phi_{36}^{10}\ \Phi_{30}^9\ \Phi_{20}^8\ \Phi_{18}^{10}\ \Phi_{15}^7\ \Phi_{12}^9\ \Phi_{10}^8\ \Phi_9^8\ \Phi_6^9\ \Phi_5^6\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
119541	1634	1260	$\frac{1}{21}$	$\frac{1}{20}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
119542	1634	1188	$\frac{1}{44}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{297}^2\ \Phi_{132}\ \Phi_{108}^2\ \Phi_{66}\ \Phi_{54}^2\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
119543	1634	840	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{840}^4\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{168}^3\ \Phi_{120}^4\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{60}^3\ \Phi_{42}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
119544	1634	1980	$\frac{1}{44}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{90}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
119545	1634	264	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{264}^8\ \Phi_{132}^5\ \Phi_{88}^8\ \Phi_{66}^5\ \Phi_{44}^4\ \Phi_{33}^5\ \Phi_{24}^6\ \Phi_{22}^4\ \Phi_{12}^3\ \Phi_{11}^4\ \Phi_8^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
119546	1634	315	$\frac{2}{45}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{315}^6\ \Phi_{105}^5\ \Phi_{63}^6\ \Phi_{45}^2\ \Phi_{35}^5\ \Phi_{21}^6\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7^6\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
119547	1634	420	$\frac{1}{20}$	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^5\ \Phi_{42}^4\ \Phi_{35}^3\ \Phi_{30}^5\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^5\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
119548	1634	240	$\frac{1}{20}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}^{8}\ \Phi_{60}^{5}\ \Phi_{48}^{6}\ \Phi_{40}^{8}\ \Phi_{30}^{5}\ \Phi_{24}^{6}\ \Phi_{20}^{4}\ \Phi_{16}^{6}\ \Phi_{15}^{5}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{8}^{6}\ \Phi_{6}^{5}\ \Phi_{5}^{4}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
119549	1634	357	$\frac{1}{17}$	$\frac{2}{21}$	$\frac{8}{51}$	$\frac{1}{3}$	$\Phi_{357}^{5}\ \Phi_{119}^{5}\ \Phi_{51}^{2}\ \Phi_{21}^{6}\ \Phi_{17}\ \Phi_{7}^{6}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
119550	1634	2940	$\frac{1}{20}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{735}\ \Phi_{588}\ \Phi_{294}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
119551	1634	135	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{135}^{17}\ \Phi_{45}^{2}\ \Phi_{27}^{18}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
119552	1634	459	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{8}{51}$	$\frac{8}{27}$	$\Phi_{459}^{5}\ \Phi_{51}^{2}\ \Phi_{27}^{6}\ \Phi_{17}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
119553	1634	780	$\frac{1}{39}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}^{2}\ \Phi_{156}^{3}\ \Phi_{130}^{2}\ \Phi_{78}^{3}\ \Phi_{65}^{2}\ \Phi_{60}\ \Phi_{52}^{3}\ \Phi_{39}^{2}\ \Phi_{30}\ \Phi_{26}^{3}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{13}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
119554	1634	1104	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{81}{368}$	$\frac{287}{1104}$	$\Phi_{1104}^{2}\ \Phi_{552}^{2}\ \Phi_{276}^{2}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{69}^{2}\ \Phi_{48}^{2}\ \Phi_{46}^{2}\ \Phi_{24}^{2}\ \Phi_{23}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
119555	1634	360	$\frac{2}{45}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{5}\ \Phi_{72}^{6}\ \Phi_{60}^{5}\ \Phi_{45}^{2}\ \Phi_{40}^{5}\ \Phi_{36}^{6}\ \Phi_{24}^{6}\ \Phi_{20}^{5}\ \Phi_{15}^{2}\ \Phi_{12}^{6}\ \Phi_{9}^{2}\ \Phi_{8}^{6}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
119556	1634	408	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{408}^{5}\ \Phi_{204}^{5}\ \Phi_{136}^{5}\ \Phi_{68}^{5}\ \Phi_{51}^{2}\ \Phi_{24}^{6}\ \Phi_{17}\ \Phi_{12}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
119557	1635	1304	$\frac{1}{326}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{325}{652}$	$\Phi_{1304}^{2}\ \Phi_{652}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
119558	1635	2172	$\frac{2}{543}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{541}{1086}$	$\Phi_{2172}\ \Phi_{724}\ \Phi_{543}\ \Phi_{181}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
119559	1635	728	$\frac{1}{182}$	$\frac{1}{4}$	$\frac{183}{728}$	$\frac{181}{364}$	$\Phi_{728}^{3}\ \Phi_{364}^{2}\ \Phi_{182}\ \Phi_{104}^{3}\ \Phi_{91}\ \Phi_{56}^{3}\ \Phi_{52}^{2}\ \Phi_{28}^{2}\ \Phi_{26}\ \Phi_{14}\ \Phi_{13}\ \Phi_{8}^{3}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
119560	1635	1512	$\frac{1}{108}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{107}{216}$	$\Phi_{1512}^{2}\ \Phi_{504}^{2}\ \Phi_{216}^{3}\ \Phi_{168}^{2}\ \Phi_{72}^{3}\ \Phi_{56}^{2}\ \Phi_{28}\ \Phi_{24}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
119561	1635	1512	$\frac{1}{108}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{107}{216}$	$\Phi_{1512}^{2}\ \Phi_{504}^{2}\ \Phi_{216}^{3}\ \Phi_{168}^{2}\ \Phi_{72}^{3}\ \Phi_{56}^{2}\ \Phi_{24}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
119562	1635	216	$\frac{1}{108}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{107}{216}$	$\Phi_{216}^{15}\ \Phi_{72}^{15}\ \Phi_{24}^{15}\ \Phi_{12}^{2}\ \Phi_{8}^{15}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
119563	1635	2156	$\frac{6}{539}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{533}{1078}$	$\Phi_{2156}\ \Phi_{539}\ \Phi_{308}\ \Phi_{196}\ \Phi_{77}\ \Phi_{49}\ \Phi_{44}\ \Phi_{28}^{2}\ \Phi_{14}\ \Phi_{11}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
119564	1635	1032	$\frac{1}{86}$	$\frac{29}{516}$	$\frac{487}{1032}$	$\frac{85}{172}$	$\Phi_{1032}^{3}\ \Phi_{344}^{3}\ \Phi_{172}\ \Phi_{24}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
119565	1635	688	$\frac{1}{86}$	$\frac{29}{172}$	$\frac{143}{688}$	$\frac{85}{172}$	$\Phi_{688}^{3}\ \Phi_{344}^{3}\ \Phi_{172}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
119566	1635	624	$\frac{1}{78}$	$\frac{79}{624}$	$\frac{1}{4}$	$\frac{77}{156}$	$\Phi_{624}^{3}\ \Phi_{312}^{3}\ \Phi_{208}^{3}\ \Phi_{156}^{2}\ \Phi_{104}^{3}\ \Phi_{78}\ \Phi_{52}^{2}\ \Phi_{48}^{3}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
119567	1635	1920	$\frac{7}{320}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{313}{640}$	$\Phi_{1920}^{2}\ \Phi_{640}\ \Phi_{384}^{2}\ \Phi_{128}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
119568	1635	2132	$\frac{12}{533}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{521}{1066}$	$\Phi_{2132}\ \Phi_{533}\ \Phi_{164}\ \Phi_{52}^{2}\ \Phi_{41}\ \Phi_{26}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
119569	1635	588	$\frac{1}{42}$	$\frac{43}{588}$	$\frac{1}{4}$	$\frac{41}{84}$	$\Phi_{588}^{3}\ \Phi_{294}^{3}\ \Phi_{196}^{3}\ \Phi_{147}^{3}\ \Phi_{98}^{3}\ \Phi_{84}^{2}\ \Phi_{49}^{3}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
119570	1635	1064	$\frac{13}{532}$	$\frac{1}{38}$	$\frac{37}{76}$	$\frac{519}{1064}$	$\Phi_{1064}^{3}\ \Phi_{152}^{3}\ \Phi_{76}\ \Phi_{56}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
119571	1635	1064	$\frac{13}{532}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{519}{1064}$	$\Phi_{1064}^{3}\ \Phi_{152}^{3}\ \Phi_{56}^{3}\ \Phi_{19}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
119572	1635	1064	$\frac{13}{532}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{519}{1064}$	$\Phi_{1064}^{3}\ \Phi_{152}^{3}\ \Phi_{56}^{3}\ \Phi_{28}^{2}\ \Phi_{14}\ \Phi_{8}^{3}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
119573	1635	2128	$\frac{1}{38}$	$\frac{39}{532}$	$\frac{493}{2128}$	$\frac{37}{76}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{304}\ \Phi_{152}\ \Phi_{112}\ \Phi_{76}\ \Phi_{56}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
119574	1635	608	$\frac{1}{38}$	$\frac{63}{608}$	$\frac{13}{76}$	$\frac{37}{76}$	$\Phi_{608}^{3}\ \Phi_{304}^{3}\ \Phi_{152}^{3}\ \Phi_{76}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
119575	1635	2204	$\frac{18}{551}$	$\frac{1}{19}$	$\frac{569}{2204}$	$\frac{533}{1102}$	$\Phi_{2204}\ \Phi_{551}\ \Phi_{116}\ \Phi_{76}\ \Phi_{29}\ \Phi_{4}\ \Phi_{1}$
119576	1635	420	$\frac{4}{105}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{101}{210}$	$\Phi_{420}^{5}\ \Phi_{140}^{5}\ \Phi_{105}^{5}\ \Phi_{84}^{6}\ \Phi_{60}^{5}\ \Phi_{42}\ \Phi_{35}^{5}\ \Phi_{28}^{6}\ \Phi_{21}^{5}\ \Phi_{20}^{5}\ \Phi_{15}^{5}\ \Phi_{14}\ \Phi_{12}^{6}\ \Phi_{7}^{5}\ \Phi_{6}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
119577	1635	1680	$\frac{4}{105}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{101}{210}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}^{2}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}^{2}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
119578	1635	572	$\frac{1}{26}$	$\frac{27}{572}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{572}^{3}\ \Phi_{286}^{3}\ \Phi_{143}^{3}\ \Phi_{52}^{2}\ \Phi_{44}^{3}\ \Phi_{26}\ \Phi_{22}^{3}\ \Phi_{13}\ \Phi_{11}^{3}\ \Phi_{4}\ \Phi_{1}$
119579	1635	528	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{23}{132}$	$\frac{21}{44}$	$\Phi_{528}^{4}\ \Phi_{264}^{4}\ \Phi_{176}^{2}\ \Phi_{132}^{3}\ \Phi_{88}^{2}\ \Phi_{66}^{3}\ \Phi_{48}^{4}\ \Phi_{44}^{2}\ \Phi_{33}^{3}\ \Phi_{24}^{4}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}^{3}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
119580	1635	208	$\frac{1}{26}$	$\frac{5}{104}$	$\frac{1}{4}$	$\frac{99}{208}$	$\Phi_{208}^{15}\ \Phi_{52}^{2}\ \Phi_{26}\ \Phi_{16}^{15}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
119581	1635	1032	$\frac{1}{43}$	$\frac{29}{516}$	$\frac{14}{43}$	$\frac{487}{1032}$	$\Phi_{1032}^{3}\ \Phi_{344}^{3}\ \Phi_{43}^{2}\ \Phi_{24}^{3}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
119582	1635	3108	$\frac{2}{111}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{3108}\ \Phi_{1036}\ \Phi_{444}\ \Phi_{148}\ \Phi_{111}\ \Phi_{37}\ \Phi_{28}\ \Phi_4\ \Phi_1$
119583	1635	2268	$\frac{1}{54}$	$\frac{1}{14}$	$\frac{53}{162}$	$\frac{13}{28}$	$\Phi_{2268}^2\ \Phi_{324}^2\ \Phi_{162}\ \Phi_{81}\ \Phi_{28}\ \Phi_4\ \Phi_1$
119584	1635	112	$\frac{3}{112}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{112}^{15}\ \Phi_{56}^{15}\ \Phi_{28}^{14}\ \Phi_{16}^{15}\ \Phi_{14}^{13}\ \Phi_8^{15}\ \Phi_7^{13}\ \Phi_4^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
119585	1635	1008	$\frac{1}{36}$	$\frac{1}{14}$	$\frac{35}{144}$	$\frac{13}{28}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{144}^3\ \Phi_{112}^2\ \Phi_{72}^3\ \Phi_{56}^2\ \Phi_{48}^3\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
119586	1635	3780	$\frac{1}{27}$	$\frac{1}{14}$	$\frac{26}{135}$	$\frac{13}{28}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{540}\ \Phi_{420}\ \Phi_{180}\ \Phi_{140}\ \Phi_{135}\ \Phi_{60}\ \Phi_{45}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_5\ \Phi_4\ \Phi_1$
119587	1635	1596	$\frac{5}{114}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{1596}^2\ \Phi_{532}^2\ \Phi_{228}^2\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{38}\ \Phi_{28}\ \Phi_{19}\ \Phi_4\ \Phi_1$
119588	1635	252	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{17}{126}$	$\frac{13}{28}$	$\Phi_{252}^{12}\ \Phi_{126}\ \Phi_{84}^{12}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}^{12}\ \Phi_{28}^{13}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^{12}\ \Phi_7\ \Phi_4^{13}\ \Phi_1$
119589	1635	3276	$\frac{8}{117}$	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{28}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{156}\ \Phi_{117}\ \Phi_{52}\ \Phi_{39}\ \Phi_{28}\ \Phi_{13}\ \Phi_4\ \Phi_1$
119590	1635	840	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{13}{28}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^3\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{56}^2\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
119591	1635	2028	$\frac{1}{39}$	$\frac{38}{507}$	$\frac{1}{4}$	$\frac{469}{1014}$	$\Phi_{2028}\ \Phi_{676}\ \Phi_{507}\ \Phi_{169}\ \Phi_{156}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
119592	1635	2236	$\frac{1}{43}$	$\frac{42}{559}$	$\frac{601}{2236}$	$\frac{517}{1118}$	$\Phi_{2236}\ \Phi_{559}\ \Phi_{172}\ \Phi_{52}\ \Phi_{13}\ \Phi_4\ \Phi_1$
119593	1635	608	$\frac{1}{38}$	$\frac{23}{304}$	$\frac{37}{152}$	$\frac{281}{608}$	$\Phi_{608}^5\ \Phi_{152}\ \Phi_{76}\ \Phi_{32}^5\ \Phi_8\ \Phi_4\ \Phi_1$
119594	1635	1008	$\frac{1}{42}$	$\frac{41}{504}$	$\frac{1}{4}$	$\frac{463}{1008}$	$\Phi_{1008}^3\ \Phi_{336}^3\ \Phi_{144}^3\ \Phi_{112}^3\ \Phi_{84}^2\ \Phi_{48}^3\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{16}^3\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
119595	1635	400	$\frac{1}{16}$	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{200}$	$\Phi_{400}^4\ \Phi_{200}^3\ \Phi_{100}^4\ \Phi_{80}^6\ \Phi_{50}^4\ \Phi_{40}^5\ \Phi_{25}^4\ \Phi_{20}^6\ \Phi_{16}^5\ \Phi_{10}^5\ \Phi_8^4\ \Phi_5^5\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
119596	1635	240	$\frac{1}{16}$	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{240}^8\ \Phi_{120}^7\ \Phi_{80}^6\ \Phi_{60}^7\ \Phi_{48}^8\ \Phi_{40}^5\ \Phi_{30}^7\ \Phi_{24}^7\ \Phi_{20}^6\ \Phi_{16}^5\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^7\ \Phi_5^5\ \Phi_4^5\ \Phi_3^7\ \Phi_2^4\ \Phi_1^5$
119597	1635	1584	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{198}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{176}^2\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}^2\ \Phi_{72}\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
119598	1635	117	$\frac{8}{117}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{117}^{14}\ \Phi_{39}^{14}\ \Phi_{13}^{13}\ \Phi_9^{15}\ \Phi_3^{15}\ \Phi_1^{15}$
119599	1635	336	$\frac{3}{112}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^3\ \Phi_{84}^6\ \Phi_{56}^3\ \Phi_{48}^4\ \Phi_{42}^6\ \Phi_{28}^3\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_{12}^6\ \Phi_8^3\ \Phi_7^3\ \Phi_6^5\ \Phi_4^3\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
119600	1635	1722	$\frac{1}{41}$	$\frac{40}{287}$	$\frac{1}{6}$	$\frac{247}{574}$	$\Phi_{1722}\ \Phi_{861}\ \Phi_{287}\ \Phi_{246}^2\ \Phi_{123}^2\ \Phi_{82}\ \Phi_{42}\ \Phi_{41}\ \Phi_{21}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
119601	1635	936	$\frac{1}{78}$	$\frac{77}{468}$	$\frac{1}{4}$	$\frac{391}{936}$	$\Phi_{936}^3\ \Phi_{312}^3\ \Phi_{156}^2\ \Phi_{104}^3\ \Phi_{78}\ \Phi_{72}^3\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}^3\ \Phi_{13}\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
119602	1635	552	$\frac{7}{552}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{552}^3\ \Phi_{276}^3\ \Phi_{184}^3\ \Phi_{138}^3\ \Phi_{92}^3\ \Phi_{69}^3\ \Phi_{46}^3\ \Phi_{24}^3\ \Phi_{23}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
119603	1635	2752	$\frac{1}{86}$	$\frac{259}{1376}$	$\frac{85}{344}$	$\frac{1117}{2752}$	$\Phi_{2752}\ \Phi_{344}\ \Phi_{172}\ \Phi_{64}\ \Phi_8\ \Phi_4\ \Phi_1$
119604	1635	364	$\frac{1}{91}$	$\frac{18}{91}$	$\frac{1}{4}$	$\frac{73}{182}$	$\Phi_{364}^6\ \Phi_{182}\ \Phi_{91}^5\ \Phi_{52}^6\ \Phi_{28}^6\ \Phi_{26}\ \Phi_{14}\ \Phi_{13}^5\ \Phi_7^5\ \Phi_4^5\ \Phi_1^5$
119605	1635	176	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{21}{88}$	$\frac{67}{176}$	$\Phi_{176}^9\ \Phi_{88}^{10}\ \Phi_{44}^{10}\ \Phi_{22}^9\ \Phi_{16}^8\ \Phi_{11}^9\ \Phi_8^9\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
119606	1635	608	$\frac{1}{38}$	$\frac{63}{608}$	$\frac{37}{152}$	$\frac{115}{304}$	$\Phi_{608}^3\ \Phi_{304}^2\ \Phi_{152}^3\ \Phi_{76}^3\ \Phi_{38}^2\ \Phi_{32}^3\ \Phi_{19}^2\ \Phi_{16}^2\ \Phi_8^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
119607	1635	688	$\frac{1}{86}$	$\frac{143}{688}$	$\frac{85}{344}$	$\frac{259}{688}$	$\Phi_{688}^2\ \Phi_{344}^3\ \Phi_{172}^3\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{16}^2\ \Phi_8^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
119608	1635	1304	$\frac{1}{163}$	$\frac{1}{4}$	$\frac{54}{163}$	$\frac{3}{8}$	$\Phi_{1304}^2\ \Phi_{163}^2\ \Phi_8^3\ \Phi_1^3$
119609	1635	440	$\frac{1}{110}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^6\ \Phi_{220}^2\ \Phi_{110}\ \Phi_{88}^6\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{40}^6\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
119610	1635	551	$\frac{6}{551}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{551}^3\ \Phi_{29}^3\ \Phi_{19}^2\ \Phi_1^3$
119611	1635	172	$\frac{1}{86}$	$\frac{17}{86}$	$\frac{23}{86}$	$\frac{63}{172}$	$\Phi_{172}^{15}\ \Phi_{86}^4\ \Phi_{43}^4\ \Phi_4^{15}\ \Phi_2^4\ \Phi_1^5$
119612	1635	559	$\frac{14}{559}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{559}^3\ \Phi_{43}^2\ \Phi_{13}^3\ \Phi_1^3$
119613	1635	836	$\frac{1}{38}$	$\frac{37}{418}$	$\frac{127}{418}$	$\frac{291}{836}$	$\Phi_{836}^3\ \Phi_{418}\ \Phi_{209}\ \Phi_{76}^3\ \Phi_{44}^3\ \Phi_{22}\ \Phi_{11}\ \Phi_4^3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
119614	1635	114	$\frac{5}{114}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{114}^{15}\ \Phi_{57}^{15}\ \Phi_{38}^{12}\ \Phi_{19}^{14}\ \Phi_{6}^{15}\ \Phi_{3}^{15}\ \Phi_{2}^{12}\ \Phi_{1}^{15}$
119615	1635	602	$\frac{1}{43}$	$\frac{57}{602}$	$\frac{14}{43}$	$\frac{29}{86}$	$\Phi_{602}^{3}\ \Phi_{301}^{3}\ \Phi_{43}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{1}^{3}$
119616	1635	492	$\frac{1}{82}$	$\frac{1}{6}$	$\frac{27}{82}$	$\frac{55}{164}$	$\Phi_{492}^{6}\ \Phi_{246}^{2}\ \Phi_{164}^{3}\ \Phi_{123}^{2}\ \Phi_{82}\ \Phi_{41}\ \Phi_{12}^{6}\ \Phi_{6}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
119617	1635	777	$\frac{2}{111}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{777}^{2}\ \Phi_{259}^{2}\ \Phi_{111}^{3}\ \Phi_{37}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
119618	1635	444	$\frac{2}{111}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{444}^{5}\ \Phi_{222}^{2}\ \Phi_{148}^{5}\ \Phi_{111}^{3}\ \Phi_{74}^{2}\ \Phi_{37}^{3}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
119619	1635	1404	$\frac{1}{78}$	$\frac{157}{702}$	$\frac{1}{4}$	$\frac{77}{234}$	$\Phi_{1404}^{2}\ \Phi_{702}\ \Phi_{351}\ \Phi_{156}^{2}\ \Phi_{108}^{2}\ \Phi_{78}\ \Phi_{54}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
119620	1635	1134	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{53}{162}$	$\Phi_{1134}^{2}\ \Phi_{567}^{2}\ \Phi_{162}^{3}\ \Phi_{81}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
119621	1635	324	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{53}{162}$	$\Phi_{324}^{10}\ \Phi_{162}^{5}\ \Phi_{81}^{5}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
119622	1635	774	$\frac{1}{43}$	$\frac{29}{258}$	$\frac{229}{774}$	$\frac{14}{43}$	$\Phi_{774}^{3}\ \Phi_{387}^{3}\ \Phi_{43}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
119623	1635	129	$\frac{1}{43}$	$\frac{20}{129}$	$\frac{29}{129}$	$\frac{14}{43}$	$\Phi_{129}^{12}\ \Phi_{43}^{14}\ \Phi_{3}^{12}\ \Phi_{1}^{15}$
119624	1635	688	$\frac{1}{43}$	$\frac{29}{172}$	$\frac{143}{688}$	$\frac{14}{43}$	$\Phi_{688}^{3}\ \Phi_{344}^{3}\ \Phi_{43}^{2}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
119625	1635	252	$\frac{1}{42}$	$\frac{17}{126}$	$\frac{1}{4}$	$\frac{41}{126}$	$\Phi_{252}^{8}\ \Phi_{126}^{4}\ \Phi_{84}^{10}\ \Phi_{63}^{4}\ \Phi_{42}^{5}\ \Phi_{36}^{8}\ \Phi_{28}^{10}\ \Phi_{21}^{5}\ \Phi_{18}^{4}\ \Phi_{14}^{5}\ \Phi_{12}^{10}\ \Phi_{9}^{4}\ \Phi_{7}^{5}\ \Phi_{6}^{5}\ \Phi_{4}^{9}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
119626	1635	480	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{51}{160}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{2}\ \Phi_{120}^{4}\ \Phi_{96}^{4}\ \Phi_{80}^{2}\ \Phi_{60}^{4}\ \Phi_{48}^{4}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{30}^{4}\ \Phi_{24}^{6}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{15}^{4}\ \Phi_{12}^{6}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{5}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
119627	1635	798	$\frac{13}{266}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{253}{798}$	$\Phi_{798}^{3}\ \Phi_{399}^{3}\ \Phi_{114}^{3}\ \Phi_{57}^{3}\ \Phi_{42}^{3}\ \Phi_{21}^{3}\ \Phi_{19}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
119628	1635	1596	$\frac{13}{266}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{253}{798}$	$\Phi_{1596}^{2}\ \Phi_{798}\ \Phi_{399}\ \Phi_{228}^{2}\ \Phi_{114}\ \Phi_{84}^{2}\ \Phi_{57}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
119629	1635	133	$\frac{1}{19}$	$\frac{13}{133}$	$\frac{24}{133}$	$\frac{6}{19}$	$\Phi_{133}^{12}\ \Phi_{19}^{14}\ \Phi_{7}^{12}\ \Phi_{1}^{15}$
119630	1635	608	$\frac{1}{19}$	$\frac{63}{608}$	$\frac{13}{76}$	$\frac{6}{19}$	$\Phi_{608}^{3}\ \Phi_{304}^{3}\ \Phi_{152}^{3}\ \Phi_{32}^{3}\ \Phi_{19}^{2}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
119631	1635	528	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{23}{132}$	$\frac{10}{33}$	$\Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{176}^{4}\ \Phi_{132}^{2}\ \Phi_{88}^{4}\ \Phi_{66}^{2}\ \Phi_{48}^{3}\ \Phi_{44}^{3}\ \Phi_{33}^{3}\ \Phi_{24}^{3}\ \Phi_{22}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{2}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
119632	1635	156	$\frac{1}{26}$	$\frac{5}{52}$	$\frac{1}{4}$	$\frac{47}{156}$	$\Phi_{156}^{15}\ \Phi_{78}^{15}\ \Phi_{52}^{2}\ \Phi_{39}^{15}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}^{15}\ \Phi_{6}^{15}\ \Phi_{4}\ \Phi_{3}^{15}\ \Phi_{1}$
119633	1635	112	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{112}^{15}\ \Phi_{56}^{15}\ \Phi_{28}^{13}\ \Phi_{16}^{15}\ \Phi_{14}^{13}\ \Phi_{8}^{15}\ \Phi_{7}^{15}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{15}$
119634	1635	1008	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{35}{144}$	$\frac{2}{7}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{144}^{3}\ \Phi_{112}^{2}\ \Phi_{72}^{3}\ \Phi_{56}^{2}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
119635	1635	945	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{26}{135}$	$\frac{2}{7}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{135}^{3}\ \Phi_{105}^{2}\ \Phi_{45}^{3}\ \Phi_{35}^{2}\ \Phi_{15}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
119636	1635	798	$\frac{5}{114}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{798}^{2}\ \Phi_{399}^{2}\ \Phi_{266}^{2}\ \Phi_{133}^{2}\ \Phi_{114}^{3}\ \Phi_{57}^{3}\ \Phi_{38}^{3}\ \Phi_{19}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
119637	1635	126	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{126}^{13}\ \Phi_{63}^{13}\ \Phi_{42}^{13}\ \Phi_{21}^{13}\ \Phi_{18}^{12}\ \Phi_{14}^{13}\ \Phi_{9}^{12}\ \Phi_{7}^{15}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{15}$
119638	1635	819	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{819}^{2}\ \Phi_{273}^{2}\ \Phi_{117}^{3}\ \Phi_{91}^{2}\ \Phi_{39}^{3}\ \Phi_{13}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
119639	1635	840	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{140}^{2}\ \Phi_{120}^{3}\ \Phi_{105}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{3}\ \Phi_{56}^{2}\ \Phi_{40}^{3}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
119640	1635	152	$\frac{1}{38}$	$\frac{23}{152}$	$\frac{37}{152}$	$\frac{43}{152}$	$\Phi_{152}^{11}\ \Phi_{76}^{11}\ \Phi_{38}^{10}\ \Phi_{19}^{10}\ \Phi_{8}^{11}\ \Phi_{4}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
119641	1635	756	$\frac{1}{42}$	$\frac{41}{252}$	$\frac{1}{4}$	$\frac{211}{756}$	$\Phi_{756}^{3}\ \Phi_{378}^{3}\ \Phi_{189}^{3}\ \Phi_{108}^{3}\ \Phi_{84}^{2}\ \Phi_{54}^{3}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{27}^{3}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
119642	1635	1116	$\frac{13}{558}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{1116}^{2}\ \Phi_{558}\ \Phi_{372}^{2}\ \Phi_{279}\ \Phi_{186}\ \Phi_{124}^{2}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
119643	1635	1200	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{150}$	$\Phi_{1200}^{2}\ \Phi_{600}^{2}\ \Phi_{300}^{2}\ \Phi_{240}^{2}\ \Phi_{150}\ \Phi_{120}^{2}\ \Phi_{80}^{2}\ \Phi_{75}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
119644	1635	240	$\frac{1}{16}$	$\frac{11}{120}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{240}^{7}\ \Phi_{120}^{6}\ \Phi_{80}^{8}\ \Phi_{60}^{6}\ \Phi_{48}^{7}\ \Phi_{40}^{7}\ \Phi_{30}^{6}\ \Phi_{24}^{6}\ \Phi_{20}^{7}\ \Phi_{16}^{7}\ \Phi_{15}^{7}\ \Phi_{12}^{6}\ \Phi_{10}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
119645	1635	336	$\frac{3}{112}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{336}^{6}\ \Phi_{168}^{6}\ \Phi_{112}^{3}\ \Phi_{84}^{6}\ \Phi_{56}^{3}\ \Phi_{48}^{6}\ \Phi_{42}^{6}\ \Phi_{28}^{3}\ \Phi_{24}^{6}\ \Phi_{21}^{6}\ \Phi_{16}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
119646	1635	672	$\frac{1}{42}$	$\frac{127}{672}$	$\frac{41}{168}$	$\frac{1}{4}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}^{3}\ \Phi_{112}^{3}\ \Phi_{96}^{3}\ \Phi_{84}^{2}\ \Phi_{48}^{3}\ \Phi_{42}\ \Phi_{32}^{3}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{16}^{3}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
119647	1635	144	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{35}{144}$	$\frac{1}{4}$	$\Phi_{144}^{15}\ \Phi_{72}^{15}\ \Phi_{48}^{15}\ \Phi_{24}^{15}\ \Phi_{16}^{15}\ \Phi_{12}^{2}\ \Phi_{8}^{15}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
119648	1635	624	$\frac{1}{26}$	$\frac{79}{624}$	$\frac{25}{104}$	$\frac{1}{4}$	$\Phi_{624}^{3}\ \Phi_{312}^{3}\ \Phi_{208}^{3}\ \Phi_{156}^{3}\ \Phi_{78}^{3}\ \Phi_{52}^{2}\ \Phi_{48}^{3}\ \Phi_{39}^{3}\ \Phi_{26}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{13}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
119649	1635	540	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{26}{135}$	$\frac{1}{4}$	$\Phi_{540}^{5}\ \Phi_{270}^{2}\ \Phi_{180}^{5}\ \Phi_{135}^{3}\ \Phi_{90}^{2}\ \Phi_{60}^{5}\ \Phi_{45}^{3}\ \Phi_{30}^{2}\ \Phi_{20}^{5}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
119650	1635	260	$\frac{1}{26}$	$\frac{21}{130}$	$\frac{5}{26}$	$\frac{1}{4}$	$\Phi_{260}^{10}\ \Phi_{130}^{5}\ \Phi_{65}^{5}\ \Phi_{52}^{2}\ \Phi_{26}\ \Phi_{20}^{10}\ \Phi_{13}\ \Phi_{10}^{5}\ \Phi_{5}^{5}\ \Phi_{4}\ \Phi_{1}$
119651	1635	252	$\frac{1}{21}$	$\frac{17}{126}$	$\frac{4}{21}$	$\frac{1}{4}$	$\Phi_{252}^{10}\ \Phi_{126}^{5}\ \Phi_{84}^{6}\ \Phi_{63}^{5}\ \Phi_{42}\ \Phi_{36}^{10}\ \Phi_{28}^{6}\ \Phi_{21}^{5}\ \Phi_{18}^{5}\ \Phi_{14}\ \Phi_{12}^{6}\ \Phi_{9}^{5}\ \Phi_{7}^{5}\ \Phi_{6}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
119652	1635	228	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{228}^{10}\ \Phi_{114}^{5}\ \Phi_{76}^{10}\ \Phi_{57}^{5}\ \Phi_{38}^{5}\ \Phi_{19}^{5}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
119653	1635	648	$\frac{5}{108}$	$\frac{103}{648}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{648}^{3}\ \Phi_{324}^{3}\ \Phi_{216}^{3}\ \Phi_{162}^{3}\ \Phi_{81}^{3}\ \Phi_{72}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
119654	1635	576	$\frac{31}{576}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{576}^{3}\ \Phi_{288}^{3}\ \Phi_{192}^{3}\ \Phi_{144}^{3}\ \Phi_{96}^{3}\ \Phi_{72}^{3}\ \Phi_{64}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
119655	1635	252	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{252}^{10}\ \Phi_{126}^{5}\ \Phi_{84}^{10}\ \Phi_{63}^{5}\ \Phi_{42}^{5}\ \Phi_{28}^{10}\ \Phi_{21}^{5}\ \Phi_{14}^{5}\ \Phi_{12}^{2}\ \Phi_{7}^{5}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
119656	1635	468	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{468}^{5}\ \Phi_{234}^{2}\ \Phi_{156}^{5}\ \Phi_{117}^{3}\ \Phi_{78}^{2}\ \Phi_{52}^{5}\ \Phi_{39}^{3}\ \Phi_{26}^{2}\ \Phi_{13}^{3}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
119657	1635	1188	$\frac{49}{594}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1188}^{2}\ \Phi_{594}\ \Phi_{396}^{2}\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}^{2}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
119658	1635	120	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{120}^{15}\ \Phi_{60}^{15}\ \Phi_{40}^{15}\ \Phi_{30}^{15}\ \Phi_{24}^{15}\ \Phi_{20}^{15}\ \Phi_{15}^{15}\ \Phi_{12}^{2}\ \Phi_{10}^{15}\ \Phi_{8}^{15}\ \Phi_{6}\ \Phi_{5}^{15}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
119659	1635	588	$\frac{43}{588}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{588}^{3}\ \Phi_{294}^{3}\ \Phi_{196}^{2}\ \Phi_{147}^{3}\ \Phi_{98}^{2}\ \Phi_{84}^{3}\ \Phi_{49}^{3}\ \Phi_{42}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
119660	1635	616	$\frac{6}{77}$	$\frac{71}{616}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{616}^{3}\ \Phi_{308}^{2}\ \Phi_{154}^{2}\ \Phi_{88}^{3}\ \Phi_{77}^{3}\ \Phi_{56}^{3}\ \Phi_{44}^{2}\ \Phi_{28}^{3}\ \Phi_{22}^{2}\ \Phi_{14}^{3}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
119661	1635	560	$\frac{1}{16}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{140}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{140}^{2}\ \Phi_{112}^{3}\ \Phi_{80}^{4}\ \Phi_{70}^{2}\ \Phi_{56}^{3}\ \Phi_{40}^{4}\ \Phi_{35}^{3}\ \Phi_{28}^{2}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{14}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
119662	1635	1056	$\frac{25}{352}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{32}$	$\Phi_{1056}^{2}\ \Phi_{528}^{2}\ \Phi_{352}\ \Phi_{264}^{2}\ \Phi_{176}\ \Phi_{132}^{2}\ \Phi_{88}\ \Phi_{66}^{2}\ \Phi_{44}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
119663	1635	129	$\frac{3}{43}$	$\frac{20}{129}$	$\frac{7}{43}$	$\frac{8}{43}$	$\Phi_{129}^{15}\ \Phi_{43}^{8}\ \Phi_{3}^{15}\ \Phi_{1}^{9}$
119664	1635	1200	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{73}{400}$	$\Phi_{1200}^{2}\ \Phi_{600}^{2}\ \Phi_{400}\ \Phi_{300}^{2}\ \Phi_{200}\ \Phi_{150}^{2}\ \Phi_{100}\ \Phi_{75}^{2}\ \Phi_{50}\ \Phi_{25}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
119665	1635	120	$\frac{11}{120}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{40}$	$\Phi_{120}^{13}\ \Phi_{60}^{13}\ \Phi_{40}^{14}\ \Phi_{30}^{13}\ \Phi_{24}^{15}\ \Phi_{20}^{14}\ \Phi_{15}^{13}\ \Phi_{12}^{15}\ \Phi_{10}^{14}\ \Phi_{8}^{15}\ \Phi_{6}^{14}\ \Phi_{5}^{14}\ \Phi_{4}^{15}\ \Phi_{3}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
119666	1635	384	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{19}{128}$	$\frac{1}{6}$	$\Phi_{384}^{6}\ \Phi_{192}^{4}\ \Phi_{128}^{3}\ \Phi_{96}^{4}\ \Phi_{64}^{2}\ \Phi_{48}^{4}\ \Phi_{32}^{2}\ \Phi_{24}^{6}\ \Phi_{16}^{2}\ \Phi_{12}^{6}\ \Phi_{8}^{3}\ \Phi_{6}^{5}\ \Phi_{4}^{3}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
119667	1636	816	$\frac{1}{408}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{407}{816}$	$\Phi_{816}^{4}\ \Phi_{272}^{4}\ \Phi_{48}^{4}\ \Phi_{16}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
119668	1636	654	$\frac{1}{327}$	$\frac{82}{327}$	$\frac{245}{654}$	$\frac{163}{327}$	$\Phi_{654}^{4}\ \Phi_{327}\ \Phi_{218}^{4}\ \Phi_{109}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
119669	1636	546	$\frac{1}{273}$	$\frac{137}{546}$	$\frac{1}{3}$	$\frac{136}{273}$	$\Phi_{546}^{4}\ \Phi_{273}^{2}\ \Phi_{182}^{4}\ \Phi_{91}^{2}\ \Phi_{78}^{4}\ \Phi_{42}^{4}\ \Phi_{39}^{2}\ \Phi_{26}^{4}\ \Phi_{21}^{2}\ \Phi_{14}^{4}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
119670	1636	815	$\frac{3}{815}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{406}{815}$	$\Phi_{815}^{2}\ \Phi_{163}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
119671	1636	1629	$\frac{7}{1629}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{811}{1629}$	$\Phi_{1629}\ \Phi_{543}\ \Phi_{181}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
119672	1636	545	$\frac{3}{545}$	$\frac{136}{545}$	$\frac{137}{545}$	$\frac{271}{545}$	$\Phi_{545}^{3}\ \Phi_{109}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
119673	1636	2436	$\frac{3}{406}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{403}{812}$	$\Phi_{2436}^{2}\ \Phi_{348}^{2}\ \Phi_{84}^{2}\ \Phi_{21}\ \Phi_{12}^{2}$
119674	1636	468	$\frac{1}{117}$	$\frac{59}{468}$	$\frac{1}{3}$	$\frac{58}{117}$	$\Phi_{468}^{4}\ \Phi_{234}^{4}\ \Phi_{156}^{4}\ \Phi_{117}^{2}\ \Phi_{78}^{4}\ \Phi_{52}^{4}\ \Phi_{39}^{2}\ \Phi_{36}^{4}\ \Phi_{26}^{4}\ \Phi_{18}^{4}\ \Phi_{13}^{2}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
119675	1636	763	$\frac{1}{109}$	$\frac{55}{763}$	$\frac{354}{763}$	$\frac{54}{109}$	$\Phi_{763}^{2}\ \Phi_{109}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
119676	1636	810	$\frac{4}{405}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{401}{810}$	$\Phi_{810}^{4}\ \Phi_{270}^{4}\ \Phi_{162}^{4}\ \Phi_{90}^{4}\ \Phi_{54}^{4}\ \Phi_{30}^{4}\ \Phi_{18}^{4}\ \Phi_{15}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
119677	1636	810	$\frac{4}{405}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{401}{810}$	$\Phi_{810}^{4}\ \Phi_{270}^{4}\ \Phi_{162}^{4}\ \Phi_{90}^{4}\ \Phi_{54}^{4}\ \Phi_{30}^{4}\ \Phi_{18}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
119678	1636	810	$\frac{4}{405}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{401}{810}$	$\Phi_{810}^4\ \Phi_{270}^4\ \Phi_{162}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
119679	1636	1365	$\frac{1}{91}$	$\frac{46}{455}$	$\frac{1}{3}$	$\frac{45}{91}$	$\Phi_{1365}^2\ \Phi_{273}\ \Phi_{195}^2\ \Phi_{105}^2\ \Phi_{39}\ \Phi_{21}\ \Phi_{15}^2$
119680	1636	1617	$\frac{19}{1617}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{799}{1617}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{231}\ \Phi_{147}\ \Phi_{77}\ \Phi_{49}\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
119681	1636	2460	$\frac{1}{82}$	$\frac{83}{492}$	$\frac{1}{5}$	$\frac{81}{164}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{615}\ \Phi_{410}\ \Phi_{205}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
119682	1636	2418	$\frac{6}{403}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{397}{806}$	$\Phi_{2418}^2\ \Phi_{186}^2\ \Phi_{78}^2\ \Phi_{39}\ \Phi_6^2$
119683	1636	441	$\frac{1}{63}$	$\frac{32}{441}$	$\frac{1}{3}$	$\frac{31}{63}$	$\Phi_{441}^4\ \Phi_{147}^4\ \Phi_{63}^2\ \Phi_{49}^4\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
119684	1636	800	$\frac{9}{400}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{391}{800}$	$\Phi_{800}^4\ \Phi_{160}^4\ \Phi_{32}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
119685	1636	1599	$\frac{37}{1599}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{781}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
119686	1636	798	$\frac{10}{399}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{389}{798}$	$\Phi_{798}^4\ \Phi_{266}^4\ \Phi_{114}^4\ \Phi_{42}^4\ \Phi_{38}^4\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
119687	1636	429	$\frac{1}{39}$	$\frac{20}{429}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{429}^4\ \Phi_{143}^4\ \Phi_{39}^2\ \Phi_{33}^4\ \Phi_{13}^2\ \Phi_{11}^4\ \Phi_3\ \Phi_1^2$
119688	1636	1575	$\frac{2}{63}$	$\frac{61}{1575}$	$\frac{1}{3}$	$\frac{757}{1575}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
119689	1636	1575	$\frac{61}{1575}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{757}{1575}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{25}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
119690	1636	495	$\frac{7}{165}$	$\frac{1}{15}$	$\frac{86}{495}$	$\frac{79}{165}$	$\Phi_{495}^4\ \Phi_{165}^2\ \Phi_{99}^4\ \Phi_{55}^2\ \Phi_{45}^4\ \Phi_{33}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_9^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
119691	1636	420	$\frac{11}{420}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_7^2\ \Phi_6^4\ \Phi_5^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
119692	1636	780	$\frac{1}{39}$	$\frac{19}{390}$	$\frac{1}{3}$	$\frac{371}{780}$	$\Phi_{780}^4\ \Phi_{260}^4\ \Phi_{156}^4\ \Phi_{60}^4\ \Phi_{52}^4\ \Phi_{39}^2\ \Phi_{20}^4\ \Phi_{13}^2\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
119693	1636	1215	$\frac{8}{405}$	$\frac{1}{15}$	$\frac{397}{1215}$	$\frac{7}{15}$	$\Phi_{1215}^2\ \Phi_{243}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
119694	1636	420	$\frac{11}{420}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
119695	1636	540	$\frac{4}{135}$	$\frac{1}{15}$	$\frac{131}{540}$	$\frac{7}{15}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
119696	1636	855	$\frac{37}{855}$	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{171}^2\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
119697	1636	945	$\frac{8}{135}$	$\frac{1}{15}$	$\frac{127}{945}$	$\frac{7}{15}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
119698	1636	450	$\frac{1}{15}$	$\frac{4}{45}$	$\frac{41}{450}$	$\frac{7}{15}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
119699	1636	1521	$\frac{2}{117}$	$\frac{115}{1521}$	$\frac{1}{3}$	$\frac{703}{1521}$	$\Phi_{1521}\ \Phi_{507}\ \Phi_{169}\ \Phi_{117}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
119700	1636	1248	$\frac{7}{416}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1248}^2\ \Phi_{624}^2\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{96}^2\ \Phi_{78}^2\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
119701	1636	756	$\frac{1}{63}$	$\frac{31}{378}$	$\frac{1}{3}$	$\frac{347}{756}$	$\Phi_{756}^4\ \Phi_{252}^4\ \Phi_{108}^4\ \Phi_{84}^4\ \Phi_{63}^2\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_7^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
119702	1636	750	$\frac{1}{15}$	$\frac{34}{375}$	$\frac{7}{75}$	$\frac{341}{750}$	$\Phi_{750}^4\ \Phi_{250}^4\ \Phi_{150}^4\ \Phi_{75}^2\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
119703	1636	450	$\frac{1}{15}$	$\frac{41}{450}$	$\frac{7}{75}$	$\frac{34}{75}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^2\ \Phi_{50}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{25}^2\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
119704	1636	420	$\frac{11}{420}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
119705	1636	1485	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{151}{1485}$	$\frac{667}{1485}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}^2\ \Phi_{135}\ \Phi_{99}\ \Phi_{55}^2\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{27}\ \Phi_{15}\ \Phi_{11}^2\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
119706	1636	3690	$\frac{1}{41}$	$\frac{40}{369}$	$\frac{1}{5}$	$\frac{329}{738}$	$\Phi_{3690}\ \Phi_{1230}\ \Phi_{410}\ \Phi_{205}\ \Phi_{90}\ \Phi_{30}\ \Phi_{10}$
119707	1636	414	$\frac{5}{414}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{414}^4\ \Phi_{207}^4\ \Phi_{138}^4\ \Phi_{69}^4\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
119708	1636	2184	$\frac{1}{91}$	$\frac{45}{364}$	$\frac{1}{3}$	$\frac{319}{728}$	$\Phi_{2184}^2\ \Phi_{312}^2\ \Phi_{273}\ \Phi_{168}^2\ \Phi_{39}\ \Phi_{24}^2\ \Phi_{21}$
119709	1636	1435	$\frac{4}{205}$	$\frac{201}{1435}$	$\frac{1}{5}$	$\frac{617}{1435}$	$\Phi_{1435}\ \Phi_{287}\ \Phi_{205}^2\ \Phi_{41}^2\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
119710	1636	1239	$\frac{4}{413}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1239}^2\ \Phi_{177}^2\ \Phi_{21}$
119711	1636	702	$\frac{1}{117}$	$\frac{58}{351}$	$\frac{1}{3}$	$\frac{293}{702}$	$\Phi_{702}^4\ \Phi_{234}^4\ \Phi_{117}^2\ \Phi_{78}^4\ \Phi_{54}^4\ \Phi_{39}^2\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}^2\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
119712	1636	1365	$\frac{2}{273}$	$\frac{271}{1365}$	$\frac{1}{3}$	$\frac{547}{1365}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}^2\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}^2\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
119713	1636	660	$\frac{7}{165}$	$\frac{1}{15}$	$\frac{79}{330}$	$\frac{251}{660}$	$\Phi_{660}^4\ \Phi_{220}^4\ \Phi_{165}^2\ \Phi_{132}^4\ \Phi_{60}^4\ \Phi_{55}^2\ \Phi_{44}^4\ \Phi_{33}^2\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
119714	1636	3280	$\frac{1}{82}$	$\frac{1}{5}$	$\frac{81}{328}$	$\frac{247}{656}$	$\Phi_{3280}\ \Phi_{410}\ \Phi_{205}\ \Phi_{80}\ \Phi_{10}$
119715	1636	654	$\frac{1}{109}$	$\frac{27}{109}$	$\frac{82}{327}$	$\frac{245}{654}$	$\Phi_{654}^4\ \Phi_{218}^4\ \Phi_{109}^3\ \Phi_6^4\ \Phi_2^4\ \Phi_1^4$
119716	1636	615	$\frac{2}{205}$	$\frac{1}{5}$	$\frac{203}{615}$	$\frac{206}{615}$	$\Phi_{615}^2\ \Phi_{205}^4\ \Phi_{123}^2\ \Phi_{41}^4\ \Phi_{15}^2\ \Phi_5^3\ \Phi_3^2\ \Phi_1^4$
119717	1636	411	$\frac{2}{411}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{411}^4\ \Phi_{137}^4\ \Phi_3\ \Phi_1^2$
119718	1636	612	$\frac{1}{204}$	$\frac{203}{612}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{612}^4\ \Phi_{306}^4\ \Phi_{153}^4\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
119719	1636	1236	$\frac{3}{412}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1236}\ \Phi_{618}\ \Phi_{412}^2\ \Phi_{309}\ \Phi_{206}^2\ \Phi_{103}^2\ \Phi_3\ \Phi_1^2$
119720	1636	1632	$\frac{1}{136}$	$\frac{135}{544}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}^2\ \Phi_{272}^2\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
119721	1636	510	$\frac{1}{102}$	$\frac{101}{510}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{170}^4\ \Phi_{85}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
119722	1636	414	$\frac{5}{414}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{414}^4\ \Phi_{207}^4\ \Phi_{138}^4\ \Phi_{69}^4\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
119723	1636	1428	$\frac{1}{68}$	$\frac{67}{476}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}^2\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
119724	1636	1248	$\frac{7}{416}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}^2\ \Phi_{312}\ \Phi_{208}^2\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{48}\ \Phi_{39}\ \Phi_{32}^2\ \Phi_{26}^2\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
119725	1636	459	$\frac{1}{51}$	$\frac{50}{459}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{459}^4\ \Phi_{153}^4\ \Phi_{27}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
119726	1636	420	$\frac{11}{420}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
119727	1636	1326	$\frac{1}{34}$	$\frac{33}{442}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{442}^2\ \Phi_{221}^2\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
119728	1636	1275	$\frac{16}{425}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1275}\ \Phi_{425}^2\ \Phi_{255}\ \Phi_{85}^2\ \Phi_{75}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
119729	1636	867	$\frac{2}{51}$	$\frac{49}{867}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{867}^2\ \Phi_{289}^2\ \Phi_3\ \Phi_1^2$
119730	1636	432	$\frac{1}{24}$	$\frac{23}{432}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
119731	1636	1053	$\frac{1}{117}$	$\frac{235}{1053}$	$\frac{116}{351}$	$\frac{1}{3}$	$\Phi_{1053}^2\ \Phi_{117}^2\ \Phi_{81}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
119732	1636	609	$\frac{3}{203}$	$\frac{1}{7}$	$\frac{200}{609}$	$\frac{1}{3}$	$\Phi_{609}^2\ \Phi_{203}^4\ \Phi_{87}^2\ \Phi_{29}^4\ \Phi_{21}^3\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
119733	1636	945	$\frac{1}{63}$	$\frac{127}{945}$	$\frac{62}{189}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
119734	1636	1215	$\frac{8}{405}$	$\frac{1}{9}$	$\frac{397}{1215}$	$\frac{1}{3}$	$\Phi_{1215}^2\ \Phi_{243}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
119735	1636	1209	$\frac{12}{403}$	$\frac{1}{13}$	$\frac{391}{1209}$	$\frac{1}{3}$	$\Phi_{1209}\ \Phi_{403}^2\ \Phi_{93}\ \Phi_{39}^2\ \Phi_{31}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
119736	1636	1197	$\frac{1}{21}$	$\frac{20}{399}$	$\frac{379}{1197}$	$\frac{1}{3}$	$\Phi_{1197}^2\ \Phi_{171}^2\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
119737	1636	585	$\frac{1}{39}$	$\frac{19}{195}$	$\frac{176}{585}$	$\frac{1}{3}$	$\Phi_{585}^4\ \Phi_{117}^4\ \Phi_{45}^4\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
119738	1636	837	$\frac{19}{837}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{837}^2\ \Phi_{279}^2\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
119739	1636	567	$\frac{1}{63}$	$\frac{31}{189}$	$\frac{158}{567}$	$\frac{1}{3}$	$\Phi_{567}^4\ \Phi_{81}^4\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
119740	1636	546	$\frac{1}{91}$	$\frac{45}{182}$	$\frac{137}{546}$	$\frac{1}{3}$	$\Phi_{546}^2\ \Phi_{273}^3\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{13}^4\ \Phi_7^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
119741	1636	504	$\frac{1}{63}$	$\frac{95}{504}$	$\frac{31}{126}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{84}^4\ \Phi_{72}^4\ \Phi_{63}^2\ \Phi_{56}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_7^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
119742	1636	468	$\frac{1}{39}$	$\frac{59}{468}$	$\frac{19}{78}$	$\frac{1}{3}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^4\ \Phi_{117}^4\ \Phi_{52}^4\ \Phi_{39}^2\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{13}^2\ \Phi_{12}^4\ \Phi_9^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
119743	1636	540	$\frac{4}{135}$	$\frac{1}{9}$	$\frac{131}{540}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
119744	1636	420	$\frac{11}{420}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^2\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^2\ \Phi_5^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
119745	1636	975	$\frac{1}{39}$	$\frac{157}{975}$	$\frac{38}{195}$	$\frac{1}{3}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{75}^2\ \Phi_{39}^2\ \Phi_{25}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
119746	1636	3045	$\frac{6}{203}$	$\frac{1}{7}$	$\frac{197}{1015}$	$\frac{1}{3}$	$\Phi_{3045}\ \Phi_{435}\ \Phi_{105}\ \Phi_{21}\ \Phi_{15}$
119747	1636	945	$\frac{2}{63}$	$\frac{127}{945}$	$\frac{61}{315}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
119748	1636	855	$\frac{37}{855}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{171}^2\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
119749	1636	486	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{77}{486}$	$\frac{1}{3}$	$\Phi_{486}^4\ \Phi_{243}^4\ \Phi_{162}^4\ \Phi_{54}^4\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
119750	1636	432	$\frac{23}{432}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
119751	1636	945	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{127}{945}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
119752	1636	441	$\frac{32}{441}$	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{1}{3}$	$\Phi_{441}^4\ \Phi_{147}^3\ \Phi_{63}^4\ \Phi_{49}^3\ \Phi_{21}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
119753	1636	462	$\frac{19}{231}$	$\frac{2}{21}$	$\frac{53}{462}$	$\frac{1}{3}$	$\Phi_{462}^4\ \Phi_{231}^3\ \Phi_{154}^4\ \Phi_{77}^3\ \Phi_{66}^4\ \Phi_{42}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{11}^3\ \Phi_7^4\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
119754	1636	891	$\frac{73}{891}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
119755	1636	450	$\frac{4}{45}$	$\frac{41}{450}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{18}^4\ \Phi_{10}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
119756	1636	2460	$\frac{1}{41}$	$\frac{83}{492}$	$\frac{1}{5}$	$\frac{40}{123}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{820}\ \Phi_{410}\ \Phi_{205}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
119757	1636	600	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{191}{600}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{150}^4\ \Phi_{120}^4\ \Phi_{75}^4\ \Phi_{60}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
119758	1636	495	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{86}{495}$	$\frac{151}{495}$	$\Phi_{495}^3\ \Phi_{165}^4\ \Phi_{99}^3\ \Phi_{55}^4\ \Phi_{45}^3\ \Phi_{33}^4\ \Phi_{15}^3\ \Phi_{11}^4\ \Phi_9^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
119759	1636	1125	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{68}{375}$	$\frac{307}{1125}$	$\Phi_{1125}^2\ \Phi_{225}^2\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
119760	1636	450	$\frac{1}{15}$	$\frac{41}{450}$	$\frac{14}{75}$	$\frac{61}{225}$	$\Phi_{450}^4\ \Phi_{225}^3\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{45}^3\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_9^3\ \Phi_6^4\ \Phi_5^3\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
119761	1636	420	$\frac{11}{420}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
119762	1636	540	$\frac{4}{135}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{131}{540}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
119763	1636	440	$\frac{31}{440}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{40}$	$\Phi_{440}^4\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{88}^4\ \Phi_{55}^4\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
119764	1636	525	$\frac{1}{15}$	$\frac{61}{525}$	$\frac{14}{75}$	$\frac{116}{525}$	$\Phi_{525}^3\ \Phi_{175}^3\ \Phi_{105}^3\ \Phi_{75}^4\ \Phi_{35}^3\ \Phi_{25}^4\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_7^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
119765	1636	450	$\frac{4}{45}$	$\frac{41}{450}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{18}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
119766	1636	500	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{500}$	$\frac{1}{5}$	$\Phi_{500}^4\ \Phi_{250}^4\ \Phi_{125}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
119767	1636	450	$\frac{41}{450}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{5}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
119768	1636	480	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{480}$	$\frac{1}{5}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
119769	1637	3264	$\frac{5}{1632}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1627}{3264}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{192}\ \Phi_{64}\ \Phi_8\ \Phi_1$
119770	1637	1968	$\frac{3}{328}$	$\frac{331}{1968}$	$\frac{1}{4}$	$\frac{325}{656}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{492}\ \Phi_{328}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}\ \Phi_{48}\ \Phi_{41}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
119771	1637	3240	$\frac{17}{1620}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1603}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
119772	1637	3200	$\frac{37}{1600}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1563}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{128}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
119773	1637	1680	$\frac{43}{1680}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
119774	1637	2952	$\frac{3}{164}$	$\frac{161}{1476}$	$\frac{1}{4}$	$\frac{1315}{2952}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}\ \Phi_{72}\ \Phi_{41}\ \Phi_{24}\ \Phi_8\ \Phi_1$
119775	1637	2624	$\frac{3}{328}$	$\frac{325}{1312}$	$\frac{1}{4}$	$\frac{987}{2624}$	$\Phi_{2624}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}\ \Phi_{64}\ \Phi_{41}\ \Phi_8\ \Phi_1$
119776	1637	2448	$\frac{5}{816}$	$\frac{1}{4}$	$\frac{811}{2448}$	$\frac{3}{8}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
119777	1637	1648	$\frac{11}{1648}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1648}\ \Phi_{824}\ \Phi_{412}\ \Phi_{206}\ \Phi_{103}\ \Phi_8\ \Phi_1$
119778	1637	2176	$\frac{5}{544}$	$\frac{539}{2176}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{128}\ \Phi_{64}\ \Phi_8\ \Phi_1$
119779	1637	1656	$\frac{19}{1656}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{72}\ \Phi_{69}\ \Phi_{46}\ \Phi_{36}\ \Phi_{23}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
119780	1637	2040	$\frac{5}{408}$	$\frac{403}{2040}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{120}\ \Phi_{85}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
119781	1637	1664	$\frac{27}{1664}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{128}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
119782	1637	1904	$\frac{5}{272}$	$\frac{267}{1904}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{119}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
119783	1637	1680	$\frac{43}{1680}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
119784	1637	1768	$\frac{5}{136}$	$\frac{131}{1768}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{442}\ \Phi_{221}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
119785	1637	1728	$\frac{5}{96}$	$\frac{91}{1728}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
119786	1637	1968	$\frac{3}{164}$	$\frac{331}{1968}$	$\frac{1}{4}$	$\frac{161}{492}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}\ \Phi_{48}\ \Phi_{41}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
119787	1637	2400	$\frac{37}{800}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{763}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
119788	1637	1680	$\frac{43}{1680}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
119789	1637	2160	$\frac{17}{540}$	$\frac{3}{20}$	$\frac{523}{2160}$	$\frac{1}{4}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
119790	1637	1760	$\frac{123}{1760}$	$\frac{3}{40}$	$\frac{37}{160}$	$\frac{1}{4}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
119791	1637	1800	$\frac{3}{40}$	$\frac{163}{1800}$	$\frac{37}{200}$	$\frac{1}{4}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
119792	1637	2000	$\frac{3}{40}$	$\frac{37}{400}$	$\frac{363}{2000}$	$\frac{1}{4}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
119793	1637	1800	$\frac{163}{1800}$	$\frac{17}{180}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
119794	1637	1920	$\frac{3}{40}$	$\frac{37}{320}$	$\frac{283}{1920}$	$\frac{1}{4}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
119795	1638	2720	$\frac{1}{272}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{271}{544}$	$\Phi_{2720}\ \Phi_{544}^2\ \Phi_{160}\ \Phi_{32}^2\ \Phi_5\ \Phi_1^2$
119796	1638	1632	$\frac{1}{272}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{271}{544}$	$\Phi_{1632}^3\ \Phi_{96}^3\ \Phi_{12}\ \Phi_6$
119797	1638	2796	$\frac{1}{233}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{116}{233}$	$\Phi_{2796}\ \Phi_{932}\ \Phi_{233}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
119798	1638	2097	$\frac{1}{233}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{116}{233}$	$\Phi_{2097}\ \Phi_{233}\ \Phi_9^2\ \Phi_1^2$
119799	1638	4890	$\frac{4}{815}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{811}{1630}$	$\Phi_{4890}\ \Phi_{978}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
119800	1638	2896	$\frac{1}{181}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{90}{181}$	$\Phi_{2896}\ \Phi_{181}\ \Phi_{16}^2\ \Phi_1^2$
119801	1638	724	$\frac{1}{181}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{90}{181}$	$\Phi_{724}^2\ \Phi_{362}^2\ \Phi_{181}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
119802	1638	984	$\frac{1}{164}$	$\frac{55}{328}$	$\frac{1}{3}$	$\frac{163}{328}$	$\Phi_{984}^2\ \Phi_{492}^3\ \Phi_{246}^3\ \Phi_{123}^3\ \Phi_{24}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
119803	1638	1637	$\frac{13}{1637}$	$\frac{275}{1637}$	$\frac{454}{1637}$	$\frac{812}{1637}$	$\Phi_{1637}\ \Phi_1^2$
119804	1638	3000	$\frac{1}{125}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{62}{125}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{200}\ \Phi_{125}\ \Phi_{120}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
119805	1638	375	$\frac{1}{125}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{62}{125}$	$\Phi_{375}^4\ \Phi_{125}^5\ \Phi_{75}^4\ \Phi_{25}^5\ \Phi_{15}^5\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
119806	1638	2250	$\frac{1}{125}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{62}{125}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{450}\ \Phi_{225}\ \Phi_{125}\ \Phi_{90}\ \Phi_{45}\ \Phi_{25}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
119807	1638	2000	$\frac{1}{125}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{62}{125}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{400}\ \Phi_{200}\ \Phi_{125}\ \Phi_{80}\ \Phi_{40}\ \Phi_{25}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{1}^2$
119808	1638	3016	$\frac{1}{116}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{115}{232}$	$\Phi_{3016}\ \Phi_{232}^2\ \Phi_{104}\ \Phi_{13}\ \Phi_{8}^2\ \Phi_{1}^2$
119809	1638	696	$\frac{1}{116}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{115}{232}$	$\Phi_{696}^3\ \Phi_{348}^4\ \Phi_{174}^4\ \Phi_{87}^4\ \Phi_{24}^4\ \Phi_{12}^5\ \Phi_{6}^5\ \Phi_{3}^4$
119810	1638	2188	$\frac{5}{547}$	$\frac{92}{547}$	$\frac{1}{4}$	$\frac{271}{547}$	$\Phi_{2188}\ \Phi_{1094}$
119811	1638	3060	$\frac{1}{90}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{89}{180}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{204}\ \Phi_{180}^2\ \Phi_{68}\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
119812	1638	180	$\frac{1}{90}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{89}{180}$	$\Phi_{180}^{18}\ \Phi_{60}^{18}\ \Phi_{36}^{18}\ \Phi_{30}\ \Phi_{20}^{18}\ \Phi_{15}\ \Phi_{12}^{18}\ \Phi_{6}\ \Phi_{4}^{18}$
119813	1638	3060	$\frac{1}{90}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{89}{180}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{204}\ \Phi_{180}^2\ \Phi_{68}\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
119814	1638	1260	$\frac{1}{90}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{89}{180}$	$\Phi_{1260}\ \Phi_{630}^2\ \Phi_{420}\ \Phi_{315}^2\ \Phi_{252}\ \Phi_{210}^2\ \Phi_{140}\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{7}^2$
119815	1638	3080	$\frac{1}{77}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{38}{77}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{11}\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{1}^2$
119816	1638	770	$\frac{1}{77}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{38}{77}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}^3\ \Phi_{70}^2\ \Phi_{55}^2\ \Phi_{35}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^3\ \Phi_{10}^4\ \Phi_{7}^3\ \Phi_{5}^4\ \Phi_{2}^4\ \Phi_{1}^6$
119817	1638	616	$\frac{1}{77}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{38}{77}$	$\Phi_{616}^3\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{88}^3\ \Phi_{77}^3\ \Phi_{56}^3\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^3\ \Phi_{8}^6\ \Phi_{7}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
119818	1638	1925	$\frac{1}{77}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{38}{77}$	$\Phi_{1925}\ \Phi_{275}\ \Phi_{175}\ \Phi_{77}\ \Phi_{25}^2\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^2$
119819	1638	3100	$\frac{1}{62}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{61}{124}$	$\Phi_{3100}\ \Phi_{620}\ \Phi_{124}^2\ \Phi_{100}\ \Phi_{25}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
119820	1638	2604	$\frac{1}{62}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{61}{124}$	$\Phi_{2604}^2\ \Phi_{372}\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
119821	1638	1860	$\frac{1}{62}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{61}{124}$	$\Phi_{1860}^2\ \Phi_{620}\ \Phi_{372}^2\ \Phi_{124}^2\ \Phi_{60}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
119822	1638	610	$\frac{1}{61}$	$\frac{1}{10}$	$\frac{31}{122}$	$\frac{30}{61}$	$\Phi_{610}^3\ \Phi_{305}^3\ \Phi_{122}\ \Phi_{61}^2\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{1}^2$
119823	1638	920	$\frac{2}{115}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{113}{230}$	$\Phi_{920}^2\ \Phi_{460}^2\ \Phi_{184}^2\ \Phi_{115}^2\ \Phi_{92}^2\ \Phi_{40}^3\ \Phi_{23}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
119824	1638	1637	$\frac{29}{1637}$	$\frac{119}{1637}$	$\frac{506}{1637}$	$\frac{804}{1637}$	$\Phi_{1637}\ \Phi_{1}^2$
119825	1638	376	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{8}{47}$	$\frac{23}{47}$	$\Phi_{376}^5\ \Phi_{188}^5\ \Phi_{94}^5\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{2}^4$
119826	1638	1637	$\frac{37}{1637}$	$\frac{194}{1637}$	$\frac{279}{1637}$	$\frac{800}{1637}$	$\Phi_{1637}\ \Phi_{1}^2$
119827	1638	4800	$\frac{19}{800}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{781}{1600}$	$\Phi_{4800}\ \Phi_{960}\ \Phi_{192}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
119828	1638	2188	$\frac{13}{547}$	$\frac{40}{547}$	$\frac{1}{4}$	$\frac{267}{547}$	$\Phi_{2188}\ \Phi_{1094}$
119829	1638	3116	$\frac{1}{41}$	$\frac{1}{38}$	$\frac{37}{76}$	$\frac{20}{41}$	$\Phi_{3116}\ \Phi_{164}\ \Phi_{76}^2\ \Phi_{41}\ \Phi_{4}^2\ \Phi_{1}^2$
119830	1638	779	$\frac{1}{41}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{20}{41}$	$\Phi_{779}^2\ \Phi_{41}^3\ \Phi_{19}^4\ \Phi_{1}^6$
119831	1638	1148	$\frac{1}{41}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{20}{41}$	$\Phi_{1148}^2\ \Phi_{574}\ \Phi_{287}\ \Phi_{164}\ \Phi_{41}\ \Phi_{28}^4\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{1}^2$
119832	1638	2508	$\frac{1}{38}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{2508}^2\ \Phi_{228}\ \Phi_{132}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_{6}$
119833	1638	3116	$\frac{1}{38}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{37}{76}$	$\Phi_{3116}\ \Phi_{164}\ \Phi_{76}^2\ \Phi_{41}\ \Phi_{4}^2\ \Phi_{1}^2$
119834	1638	1140	$\frac{1}{38}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{37}{76}$	$\Phi_{1140}\ \Phi_{570}^2\ \Phi_{380}\ \Phi_{285}^2\ \Phi_{228}\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{60}^2\ \Phi_{57}^2\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{3}^2$
119835	1638	3116	$\frac{1}{38}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{37}{76}$	$\Phi_{3116}\ \Phi_{164}\ \Phi_{76}^2\ \Phi_{41}\ \Phi_{4}^2\ \Phi_{1}^2$
119836	1638	1064	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{37}{76}$	$\Phi_{1064}^2\ \Phi_{532}\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{56}^3\ \Phi_{28}^2\ \Phi_{14}^3\ \Phi_{7}^2$
119837	1638	1637	$\frac{53}{1637}$	$\frac{65}{1637}$	$\frac{524}{1637}$	$\frac{792}{1637}$	$\Phi_{1637}\ \Phi_{1}^2$
119838	1638	3344	$\frac{3}{88}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{85}{176}$	$\Phi_{3344}\ \Phi_{304}\ \Phi_{76}\ \Phi_{38}$
119839	1638	1778	$\frac{5}{127}$	$\frac{1}{14}$	$\frac{22}{127}$	$\frac{61}{127}$	$\Phi_{1778}\ \Phi_{889}\ \Phi_{254}$
119840	1638	775	$\frac{1}{31}$	$\frac{1}{25}$	$\frac{10}{31}$	$\frac{12}{25}$	$\Phi_{775}^2\ \Phi_{155}^2\ \Phi_{31}^4\ \Phi_{25}^3\ \Phi_{5}^3\ \Phi_{1}^6$
119841	1638	1100	$\frac{1}{25}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{1100}^2\ \Phi_{550}\ \Phi_{275}\ \Phi_{220}^2\ \Phi_{110}\ \Phi_{100}\ \Phi_{55}\ \Phi_{44}^4\ \Phi_{25}\ \Phi_{22}^2\ \Phi_{20}\ \Phi_{11}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
119842	1638	775	$\frac{1}{25}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{12}{25}$	$\Phi_{775}^2\ \Phi_{155}^2\ \Phi_{31}^4\ \Phi_{25}^3\ \Phi_5^3\ \Phi_1^6$
119843	1638	200	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{12}{25}$	$\Phi_{200}^9\ \Phi_{100}^9\ \Phi_{50}^4\ \Phi_{40}^{11}\ \Phi_{25}^5\ \Phi_{20}^{11}\ \Phi_{10}^5\ \Phi_8^{10}\ \Phi_5^6\ \Phi_4^{10}\ \Phi_2^4\ \Phi_1^6$
119844	1638	1637	$\frac{73}{1637}$	$\frac{104}{1637}$	$\frac{285}{1637}$	$\frac{782}{1637}$	$\Phi_{1637}\ \Phi_1^2$
119845	1638	2188	$\frac{22}{547}$	$\frac{25}{547}$	$\frac{1}{4}$	$\frac{261}{547}$	$\Phi_{2188}\ \Phi_{1094}$
119846	1638	120	$\frac{1}{40}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{120}^{20}\ \Phi_{60}^{21}\ \Phi_{30}^{21}\ \Phi_{24}^{20}\ \Phi_{15}^{21}\ \Phi_{12}^{21}\ \Phi_6^{21}\ \Phi_3^{20}$
119847	1638	3080	$\frac{2}{77}$	$\frac{1}{20}$	$\frac{25}{77}$	$\frac{19}{40}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
119848	1638	1080	$\frac{1}{27}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{1080}^3\ \Phi_{360}^3\ \Phi_{216}^3\ \Phi_{120}^3\ \Phi_{108}\ \Phi_{72}^3\ \Phi_{54}\ \Phi_{36}\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
119849	1638	3080	$\frac{1}{20}$	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{19}{40}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
119850	1638	280	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{19}{40}$	$\Phi_{280}^{11}\ \Phi_{56}^{11}\ \Phi_{40}^{12}\ \Phi_{14}^6\ \Phi_8^{12}\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
119851	1638	440	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{19}{40}$	$\Phi_{440}^7\ \Phi_{88}^7\ \Phi_{44}^2\ \Phi_{40}^8\ \Phi_{22}^2\ \Phi_{11}\ \Phi_8^8\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
119852	1638	4674	$\frac{1}{41}$	$\frac{40}{779}$	$\frac{1}{3}$	$\frac{739}{1558}$	$\Phi_{4674}\ \Phi_{246}\ \Phi_{123}\ \Phi_{114}\ \Phi_6$
119853	1638	1637	$\frac{41}{1637}$	$\frac{85}{1637}$	$\frac{532}{1637}$	$\frac{776}{1637}$	$\Phi_{1637}\ \Phi_1^2$
119854	1638	1581	$\frac{2}{93}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{1581}\ \Phi_{527}\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{17}\ \Phi_1^2$
119855	1638	2295	$\frac{1}{45}$	$\frac{1}{17}$	$\frac{44}{135}$	$\frac{8}{17}$	$\Phi_{2295}\ \Phi_{459}\ \Phi_{135}^2\ \Phi_{27}^2\ \Phi_{17}\ \Phi_1^2$
119856	1638	2040	$\frac{1}{30}$	$\frac{1}{17}$	$\frac{29}{120}$	$\frac{8}{17}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{408}\ \Phi_{340}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}^2\ \Phi_{68}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
119857	1638	1615	$\frac{4}{95}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{1615}\ \Phi_{323}\ \Phi_{95}^2\ \Phi_{19}^2\ \Phi_{17}\ \Phi_1^2$
119858	1638	1632	$\frac{5}{96}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{96}^2\ \Phi_{68}\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
119859	1638	1836	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{17}{108}$	$\frac{8}{17}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{204}\ \Phi_{108}^2\ \Phi_{68}\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
119860	1638	255	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{8}{17}$	$\Phi_{255}^6\ \Phi_{85}^6\ \Phi_{51}^6\ \Phi_{17}^7\ \Phi_{15}^{12}\ \Phi_5^{12}\ \Phi_3^{12}\ \Phi_1^{14}$
119861	1638	952	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{8}{17}$	$\Phi_{952}^2\ \Phi_{476}^2\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{68}\ \Phi_{56}^4\ \Phi_{28}^4\ \Phi_{17}\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
119862	1638	1683	$\frac{1}{17}$	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{8}{17}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{17}\ \Phi_{11}^2\ \Phi_1^2$
119863	1638	1700	$\frac{1}{17}$	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{8}{17}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{425}\ \Phi_{340}\ \Phi_{100}^2\ \Phi_{68}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
119864	1638	1738	$\frac{1}{22}$	$\frac{5}{79}$	$\frac{14}{79}$	$\frac{37}{79}$	$\Phi_{1738}\ \Phi_{869}\ \Phi_{158}$
119865	1638	1637	$\frac{97}{1637}$	$\frac{109}{1637}$	$\frac{220}{1637}$	$\frac{764}{1637}$	$\Phi_{1637}\ \Phi_1^2$
119866	1638	1637	$\frac{113}{1637}$	$\frac{125}{1637}$	$\frac{168}{1637}$	$\frac{762}{1637}$	$\Phi_{1637}\ \Phi_1^2$
119867	1638	1830	$\frac{13}{183}$	$\frac{14}{183}$	$\frac{1}{10}$	$\frac{85}{183}$	$\Phi_{1830}\ \Phi_{915}\ \Phi_{610}\ \Phi_{366}\ \Phi_{305}\ \Phi_{122}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
119868	1638	1880	$\frac{14}{235}$	$\frac{17}{235}$	$\frac{1}{8}$	$\frac{109}{235}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{470}\ \Phi_{376}\ \Phi_{188}\ \Phi_{94}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
119869	1638	1637	$\frac{64}{1637}$	$\frac{121}{1637}$	$\frac{293}{1637}$	$\frac{758}{1637}$	$\Phi_{1637}\ \Phi_1^2$
119870	1638	2188	$\frac{14}{547}$	$\frac{41}{547}$	$\frac{1}{4}$	$\frac{253}{547}$	$\Phi_{2188}\ \Phi_{1094}$
119871	1638	754	$\frac{1}{58}$	$\frac{1}{13}$	$\frac{19}{58}$	$\frac{6}{13}$	$\Phi_{754}^2\ \Phi_{377}^2\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_{26}^2\ \Phi_{13}^3\ \Phi_2^4\ \Phi_1^6$
119872	1638	520	$\frac{1}{40}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{520}^3\ \Phi_{260}^3\ \Phi_{130}^3\ \Phi_{104}^3\ \Phi_{65}^3\ \Phi_{52}^2\ \Phi_{40}^6\ \Phi_{26}^2\ \Phi_{20}^6\ \Phi_{13}^3\ \Phi_{10}^6\ \Phi_8^6\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
119873	1638	1885	$\frac{1}{29}$	$\frac{1}{13}$	$\frac{28}{145}$	$\frac{6}{13}$	$\Phi_{1885}\ \Phi_{145}^2\ \Phi_{65}\ \Phi_{13}\ \Phi_5^2\ \Phi_1^2$
119874	1638	377	$\frac{2}{29}$	$\frac{1}{13}$	$\frac{3}{29}$	$\frac{6}{13}$	$\Phi_{377}^4\ \Phi_{29}^8\ \Phi_{13}^5\ \Phi_1^{10}$
119875	1638	910	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{6}{13}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{182}\ \Phi_{130}\ \Phi_{91}\ \Phi_{70}^4\ \Phi_{65}\ \Phi_{35}^4\ \Phi_{14}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^2$
119876	1638	192	$\frac{1}{64}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{192}^9\ \Phi_{96}^9\ \Phi_{64}^8\ \Phi_{48}^9\ \Phi_{32}^8\ \Phi_{24}^7\ \Phi_{16}^8\ \Phi_{12}^9\ \Phi_8^6\ \Phi_6^9\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
119877	1638	3000	$\frac{2}{125}$	$\frac{1}{12}$	$\frac{41}{125}$	$\frac{11}{24}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{200}\ \Phi_{125}\ \Phi_{120}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{1}^2$
119878	1638	1032	$\frac{1}{43}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{1032}^3\ \Phi_{344}^3\ \Phi_{172}\ \Phi_{86}$
119879	1638	1560	$\frac{2}{65}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}^2\ \Phi_{120}\ \Phi_{104}^2\ \Phi_{65}^2\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{13}^2\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{1}^2$
119880	1638	600	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{4}{25}$	$\frac{11}{24}$	$\Phi_{600}^5\ \Phi_{200}^5\ \Phi_{120}^5\ \Phi_{40}^5\ \Phi_{25}^5\ \Phi_{24}^6\ \Phi_{8}^6\ \Phi_{5}^5\ \Phi_{1}^6$
119881	1638	1848	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{1848}^2\ \Phi_{616}^2\ \Phi_{168}\ \Phi_{154}\ \Phi_{77}\ \Phi_{56}\ \Phi_{14}$
119882	1638	3000	$\frac{6}{125}$	$\frac{1}{12}$	$\frac{17}{125}$	$\frac{11}{24}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{200}\ \Phi_{125}\ \Phi_{120}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{1}^2$
119883	1638	456	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{456}^3\ \Phi_{228}^4\ \Phi_{152}^4\ \Phi_{114}^4\ \Phi_{76}^5\ \Phi_{57}^4\ \Phi_{38}^5\ \Phi_{19}^4$
119884	1638	3000	$\frac{8}{125}$	$\frac{1}{12}$	$\frac{13}{125}$	$\frac{11}{24}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{200}\ \Phi_{125}\ \Phi_{120}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{1}^2$
119885	1638	120	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{24}$	$\Phi_{120}^{25}\ \Phi_{40}^{25}\ \Phi_{30}^5\ \Phi_{24}^{26}\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_{8}^{26}\ \Phi_{6}^5\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
119886	1638	1637	$\frac{23}{1637}$	$\frac{157}{1637}$	$\frac{538}{1637}$	$\frac{740}{1637}$	$\Phi_{1637}\ \Phi_{1}^2$
119887	1638	1637	$\frac{69}{1637}$	$\frac{157}{1637}$	$\frac{224}{1637}$	$\frac{740}{1637}$	$\Phi_{1637}\ \Phi_{1}^2$
119888	1638	1778	$\frac{1}{14}$	$\frac{10}{127}$	$\frac{13}{127}$	$\frac{57}{127}$	$\Phi_{1778}\ \Phi_{889}\ \Phi_{254}$
119889	1638	1637	$\frac{116}{1637}$	$\frac{129}{1637}$	$\frac{169}{1637}$	$\frac{734}{1637}$	$\Phi_{1637}\ \Phi_{1}^2$
119890	1638	376	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{1}{8}$	$\frac{21}{47}$	$\Phi_{376}^5\ \Phi_{188}^5\ \Phi_{94}^5\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{2}^4$
119891	1638	492	$\frac{1}{82}$	$\frac{9}{82}$	$\frac{1}{3}$	$\frac{73}{164}$	$\Phi_{492}^9\ \Phi_{246}\ \Phi_{123}\ \Phi_{12}^9\ \Phi_{6}$
119892	1638	576	$\frac{1}{64}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{64}^2\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{32}^2\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{6}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
119893	1638	3010	$\frac{1}{43}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{3010}\ \Phi_{602}\ \Phi_{430}\ \Phi_{215}\ \Phi_{86}$
119894	1638	1720	$\frac{1}{40}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{1720}\ \Phi_{860}\ \Phi_{430}\ \Phi_{344}\ \Phi_{215}\ \Phi_{172}\ \Phi_{86}$
119895	1638	1104	$\frac{1}{92}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1104}^4\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{48}^3\ \Phi_{12}\ \Phi_{6}$
119896	1638	688	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{688}^2\ \Phi_{344}^3\ \Phi_{172}^3\ \Phi_{86}^3\ \Phi_{43}^2$
119897	1638	2896	$\frac{6}{181}$	$\frac{1}{8}$	$\frac{25}{181}$	$\frac{7}{16}$	$\Phi_{2896}\ \Phi_{181}\ \Phi_{16}^2\ \Phi_{1}^2$
119898	1638	432	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{432}^7\ \Phi_{216}\ \Phi_{144}^7\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}^7\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
119899	1638	2896	$\frac{12}{181}$	$\frac{13}{181}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2896}\ \Phi_{181}\ \Phi_{16}^2\ \Phi_{1}^2$
119900	1638	1680	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}\ \Phi_{210}\ \Phi_{105}\ \Phi_{80}\ \Phi_{70}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{10}\ \Phi_{6}$
119901	1638	1637	$\frac{71}{1637}$	$\frac{174}{1637}$	$\frac{209}{1637}$	$\frac{714}{1637}$	$\Phi_{1637}\ \Phi_{1}^2$
119902	1638	1637	$\frac{103}{1637}$	$\frac{118}{1637}$	$\frac{217}{1637}$	$\frac{710}{1637}$	$\Phi_{1637}\ \Phi_{1}^2$
119903	1638	1778	$\frac{8}{127}$	$\frac{1}{14}$	$\frac{17}{127}$	$\frac{55}{127}$	$\Phi_{1778}\ \Phi_{889}\ \Phi_{254}$
119904	1638	1830	$\frac{8}{183}$	$\frac{1}{10}$	$\frac{25}{183}$	$\frac{79}{183}$	$\Phi_{1830}\ \Phi_{915}\ \Phi_{610}\ \Phi_{366}\ \Phi_{305}\ \Phi_{122}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
119905	1638	1637	$\frac{34}{1637}$	$\frac{229}{1637}$	$\frac{311}{1637}$	$\frac{704}{1637}$	$\Phi_{1637}\ \Phi_{1}^2$
119906	1638	2188	$\frac{8}{547}$	$\frac{77}{547}$	$\frac{1}{4}$	$\frac{235}{547}$	$\Phi_{2188}\ \Phi_{1094}$
119907	1638	708	$\frac{1}{118}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{708}^4\ \Phi_{354}\ \Phi_{236}^4\ \Phi_{177}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}^2$
119908	1638	2796	$\frac{2}{233}$	$\frac{1}{6}$	$\frac{77}{233}$	$\frac{5}{12}$	$\Phi_{2796}\ \Phi_{932}\ \Phi_{233}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
119909	1638	948	$\frac{1}{79}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{948}\ \Phi_{474}^2\ \Phi_{316}^2\ \Phi_{237}^2\ \Phi_{158}^3\ \Phi_{79}^2$
119910	1638	2796	$\frac{5}{233}$	$\frac{38}{233}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2796}\ \Phi_{932}\ \Phi_{233}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
119911	1638	840	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^3\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^3\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{7}^2$
119912	1638	2796	$\frac{8}{233}$	$\frac{25}{233}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2796}\ \Phi_{932}\ \Phi_{233}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
119913	1638	540	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{540}^6\ \Phi_{270}\ \Phi_{180}^6\ \Phi_{135}\ \Phi_{108}^3\ \Phi_{90}\ \Phi_{60}^4\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
119914	1638	2796	$\frac{12}{233}$	$\frac{17}{233}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2796}\ \Phi_{932}\ \Phi_{233}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
119915	1638	1596	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1596}^2\ \Phi_{532}^2\ \Phi_{266}\ \Phi_{228}\ \Phi_{133}\ \Phi_{76}\ \Phi_{38}$
119916	1638	680	$\frac{1}{136}$	$\frac{1}{5}$	$\frac{45}{136}$	$\frac{2}{5}$	$\Phi_{680}^2\ \Phi_{340}^2\ \Phi_{170}^2\ \Phi_{136}^4\ \Phi_{85}^2\ \Phi_{68}^4\ \Phi_{40}^2\ \Phi_{34}^4\ \Phi_{20}^2\ \Phi_{17}^4\ \Phi_{10}^2\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
119917	1638	590	$\frac{1}{118}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{590}^3\ \Phi_{295}^3\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_1^2$
119918	1638	460	$\frac{1}{92}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{460}^3\ \Phi_{230}^3\ \Phi_{115}^3\ \Phi_{92}^6\ \Phi_{46}^6\ \Phi_{23}^6\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
119919	1638	340	$\frac{1}{68}$	$\frac{67}{340}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{340}^5\ \Phi_{170}^5\ \Phi_{85}^5\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{20}^5\ \Phi_{17}^4\ \Phi_{10}^5\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
119920	1638	680	$\frac{3}{136}$	$\frac{19}{136}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{680}^2\ \Phi_{340}^2\ \Phi_{170}^2\ \Phi_{136}^4\ \Phi_{85}^2\ \Phi_{68}^4\ \Phi_{40}^2\ \Phi_{34}^4\ \Phi_{20}^2\ \Phi_{17}^4\ \Phi_{10}^2\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
119921	1638	40	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{40}^{41}\ \Phi_{20}^{41}\ \Phi_{10}^{41}\ \Phi_8^{40}\ \Phi_5^{42}\ \Phi_4^{40}\ \Phi_2^{40}\ \Phi_1^{42}$
119922	1638	510	$\frac{1}{34}$	$\frac{11}{102}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{510}^3\ \Phi_{255}^3\ \Phi_{170}^2\ \Phi_{102}^6\ \Phi_{85}^2\ \Phi_{51}^6\ \Phi_{34}^4\ \Phi_{30}^3\ \Phi_{17}^4\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^6\ \Phi_5^3\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
119923	1638	340	$\frac{3}{68}$	$\frac{5}{68}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{340}^4\ \Phi_{170}^4\ \Phi_{85}^4\ \Phi_{68}^8\ \Phi_{34}^8\ \Phi_{20}^4\ \Phi_{17}^8\ \Phi_{10}^4\ \Phi_5^5\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{10}$
119924	1638	770	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^4\ \Phi_{110}\ \Phi_{77}^4\ \Phi_{70}\ \Phi_{55}\ \Phi_{35}\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
119925	1638	480	$\frac{5}{96}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^6\ \Phi_{80}^2\ \Phi_{60}^3\ \Phi_{48}^6\ \Phi_{40}^2\ \Phi_{32}^6\ \Phi_{30}^3\ \Phi_{24}^6\ \Phi_{20}^2\ \Phi_{16}^4\ \Phi_{15}^3\ \Phi_{12}^6\ \Phi_{10}^2\ \Phi_8^4\ \Phi_6^6\ \Phi_5^3\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
119926	1638	1445	$\frac{16}{289}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1445}\ \Phi_{289}^2\ \Phi_5\ \Phi_1^2$
119927	1638	2752	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{2752}\ \Phi_{344}\ \Phi_{172}\ \Phi_{86}$
119928	1638	1637	$\frac{11}{1637}$	$\frac{365}{1637}$	$\frac{542}{1637}$	$\frac{636}{1637}$	$\Phi_{1637}\ \Phi_1^2$
119929	1638	376	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{23}{94}$	$\frac{71}{188}$	$\Phi_{376}^5\ \Phi_{188}^3\ \Phi_{94}^5\ \Phi_{47}^4\ \Phi_8^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
119930	1638	3936	$\frac{1}{164}$	$\frac{163}{656}$	$\frac{1}{3}$	$\frac{493}{1312}$	$\Phi_{3936}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{96}\ \Phi_{12}\ \Phi_6$
119931	1638	2472	$\frac{5}{824}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2472}\ \Phi_{1236}\ \Phi_{618}\ \Phi_{309}\ \Phi_{12}\ \Phi_6$
119932	1638	1824	$\frac{5}{96}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
119933	1638	1748	$\frac{1}{92}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1748}\ \Phi_{874}\ \Phi_{437}\ \Phi_{76}\ \Phi_{38}$
119934	1638	1637	$\frac{27}{1637}$	$\frac{230}{1637}$	$\frac{469}{1637}$	$\frac{584}{1637}$	$\Phi_{1637}\ \Phi_1^2$
119935	1638	860	$\frac{1}{43}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{860}^3\ \Phi_{430}\ \Phi_{215}\ \Phi_{172}^3\ \Phi_{86}$
119936	1638	1720	$\frac{1}{40}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{1720}\ \Phi_{860}\ \Phi_{430}\ \Phi_{344}\ \Phi_{215}\ \Phi_{172}\ \Phi_{86}$
119937	1638	1637	$\frac{51}{1637}$	$\frac{122}{1637}$	$\frac{505}{1637}$	$\frac{566}{1637}$	$\Phi_{1637}\ \Phi_1^2$
119938	1638	864	$\frac{1}{27}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{864}^3\ \Phi_{432}\ \Phi_{288}^3\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}^3\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
119939	1638	1738	$\frac{1}{22}$	$\frac{4}{79}$	$\frac{25}{79}$	$\frac{27}{79}$	$\Phi_{1738}\ \Phi_{869}\ \Phi_{158}$
119940	1638	1637	$\frac{74}{1637}$	$\frac{83}{1637}$	$\frac{521}{1637}$	$\frac{558}{1637}$	$\Phi_{1637}\ \Phi_1^2$
119941	1638	2622	$\frac{1}{23}$	$\frac{1}{19}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{2622}\ \Phi_{874}\ \Phi_{437}\ \Phi_{114}\ \Phi_{38}$
119942	1638	1778	$\frac{4}{127}$	$\frac{1}{14}$	$\frac{41}{127}$	$\frac{43}{127}$	$\Phi_{1778}\ \Phi_{889}\ \Phi_{254}$
119943	1638	1637	$\frac{38}{1637}$	$\frac{155}{1637}$	$\frac{533}{1637}$	$\frac{552}{1637}$	$\Phi_{1637}\ \Phi_1^2$
119944	1638	1880	$\frac{4}{235}$	$\frac{1}{8}$	$\frac{77}{235}$	$\frac{79}{235}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{470}\ \Phi_{376}\ \Phi_{188}\ \Phi_{94}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
119945	1638	1637	$\frac{14}{1637}$	$\frac{363}{1637}$	$\frac{541}{1637}$	$\frac{548}{1637}$	$\Phi_{1637}\ \Phi_1^2$
119946	1638	2188	$\frac{4}{547}$	$\frac{1}{4}$	$\frac{181}{547}$	$\frac{183}{547}$	$\Phi_{2188}\ \Phi_{1094}$
119947	1638	1230	$\frac{1}{205}$	$\frac{68}{205}$	$\frac{1}{3}$	$\frac{137}{410}$	$\Phi_{1230}^3\ \Phi_{615}\ \Phi_{246}^3\ \Phi_{123}\ \Phi_{30}^3\ \Phi_{15}\ \Phi_6^3$
119948	1638	1062	$\frac{1}{118}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1062}^2\ \Phi_{531}^2\ \Phi_{354}\ \Phi_{177}\ \Phi_{18}^2\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
119949	1638	960	$\frac{1}{64}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
119950	1638	930	$\frac{2}{93}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{310}^2\ \Phi_{186}^2\ \Phi_{155}^2\ \Phi_{62}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
119951	1638	408	$\frac{1}{136}$	$\frac{1}{4}$	$\frac{45}{136}$	$\frac{1}{3}$	$\Phi_{408}^6\ \Phi_{204}^6\ \Phi_{102}^6\ \Phi_{51}^6\ \Phi_{24}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
119952	1638	2460	$\frac{7}{820}$	$\frac{183}{820}$	$\frac{271}{820}$	$\frac{1}{3}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{615}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
119953	1638	2097	$\frac{2}{233}$	$\frac{2}{9}$	$\frac{77}{233}$	$\frac{1}{3}$	$\Phi_{2097}\ \Phi_{233}\ \Phi_9^2\ \Phi_1^2$
119954	1638	984	$\frac{1}{82}$	$\frac{55}{328}$	$\frac{27}{82}$	$\frac{1}{3}$	$\Phi_{984}^3\ \Phi_{492}^3\ \Phi_{246}\ \Phi_{123}\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6$
119955	1638	375	$\frac{2}{125}$	$\frac{2}{15}$	$\frac{41}{125}$	$\frac{1}{3}$	$\Phi_{375}^4\ \Phi_{125}^5\ \Phi_{75}^4\ \Phi_{25}^5\ \Phi_{15}^5\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
119956	1638	696	$\frac{1}{58}$	$\frac{1}{8}$	$\frac{19}{58}$	$\frac{1}{3}$	$\Phi_{696}^4\ \Phi_{348}^4\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_6^3\ \Phi_3^2$
119957	1638	270	$\frac{1}{45}$	$\frac{1}{10}$	$\frac{44}{135}$	$\frac{1}{3}$	$\Phi_{270}^{10}\ \Phi_{135}^8\ \Phi_{54}^{10}\ \Phi_{30}\ \Phi_{27}^8\ \Phi_{15}\ \Phi_6$
119958	1638	2460	$\frac{19}{820}$	$\frac{79}{820}$	$\frac{267}{820}$	$\frac{1}{3}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{615}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
119959	1638	1302	$\frac{1}{31}$	$\frac{1}{14}$	$\frac{10}{31}$	$\frac{1}{3}$	$\Phi_{1302}^2\ \Phi_{651}^2\ \Phi_{186}^2\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_6^3$
119960	1638	2460	$\frac{37}{820}$	$\frac{43}{820}$	$\frac{261}{820}$	$\frac{1}{3}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{615}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
119961	1638	1200	$\frac{19}{400}$	$\frac{1}{20}$	$\frac{127}{400}$	$\frac{1}{3}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{300}^2\ \Phi_{240}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{75}^2\ \Phi_{60}^3\ \Phi_{48}^2\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
119962	1638	1254	$\frac{1}{22}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{1254}^2\ \Phi_{627}^2\ \Phi_{114}^2\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_6^3$
119963	1638	2460	$\frac{27}{820}$	$\frac{61}{820}$	$\frac{253}{820}$	$\frac{1}{3}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{615}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
119964	1638	120	$\frac{1}{40}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{120}^{21}\ \Phi_{60}^{21}\ \Phi_{30}^{19}\ \Phi_{24}^{21}\ \Phi_{15}^{19}\ \Phi_{12}^{21}\ \Phi_6^{19}\ \Phi_3^{18}$
119965	1638	1581	$\frac{2}{93}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{1581}\ \Phi_{527}\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{17}\ \Phi_1^2$
119966	1638	492	$\frac{3}{164}$	$\frac{23}{164}$	$\frac{47}{164}$	$\frac{1}{3}$	$\Phi_{492}^5\ \Phi_{246}^5\ \Phi_{123}^5\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
119967	1638	576	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{576}^4\ \Phi_{288}^4\ \Phi_{192}\ \Phi_{144}^4\ \Phi_{96}\ \Phi_{72}^4\ \Phi_{48}\ \Phi_{36}^4\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
119968	1638	276	$\frac{1}{92}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{276}^9\ \Phi_{138}^9\ \Phi_{69}^9\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
119969	1638	3264	$\frac{3}{272}$	$\frac{269}{1088}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3264}\ \Phi_{1632}\ \Phi_{192}\ \Phi_{96}\ \Phi_{12}\ \Phi_6$
119970	1638	2844	$\frac{1}{79}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2844}\ \Phi_{1422}\ \Phi_{316}\ \Phi_{158}$
119971	1638	1020	$\frac{1}{68}$	$\frac{67}{340}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^3\ \Phi_{510}^3\ \Phi_{255}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
119972	1638	192	$\frac{1}{64}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{192}^{13}\ \Phi_{96}^{13}\ \Phi_{48}^{12}\ \Phi_{24}^{12}\ \Phi_{12}^{13}\ \Phi_6^{13}\ \Phi_3^{12}$
119973	1638	2604	$\frac{2}{93}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2604}\ \Phi_{1302}\ \Phi_{868}\ \Phi_{434}\ \Phi_{28}\ \Phi_{14}$
119974	1638	408	$\frac{3}{136}$	$\frac{19}{136}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{408}^6\ \Phi_{204}^6\ \Phi_{102}^6\ \Phi_{51}^6\ \Phi_{24}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
119975	1638	2580	$\frac{1}{43}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{860}\ \Phi_{430}\ \Phi_{172}\ \Phi_{86}$
119976	1638	120	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^{21}\ \Phi_{60}^{21}\ \Phi_{30}^{21}\ \Phi_{24}^{18}\ \Phi_{15}^{21}\ \Phi_{12}^{19}\ \Phi_6^{19}\ \Phi_3^{18}$
119977	1638	204	$\frac{1}{34}$	$\frac{11}{102}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^{10}\ \Phi_{102}^5\ \Phi_{68}^{12}\ \Phi_{51}^5\ \Phi_{34}^6\ \Phi_{17}^6\ \Phi_{12}^{11}\ \Phi_6^6\ \Phi_4^{12}\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
119978	1638	204	$\frac{3}{68}$	$\frac{5}{68}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^{12}\ \Phi_{102}^{12}\ \Phi_{51}^{12}\ \Phi_{12}^{13}\ \Phi_6^{13}\ \Phi_3^{12}$
119979	1638	924	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^4\ \Phi_{462}^2\ \Phi_{231}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
119980	1638	96	$\frac{5}{96}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{96}^{18}\ \Phi_{48}^{15}\ \Phi_{32}^{18}\ \Phi_{24}^{15}\ \Phi_{16}^{18}\ \Phi_{12}^{16}\ \Phi_8^{18}\ \Phi_6^{16}\ \Phi_4^{18}\ \Phi_3^{15}\ \Phi_2^{18}\ \Phi_1^{18}$
119981	1638	3468	$\frac{16}{289}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3468}\ \Phi_{1734}\ \Phi_{12}\ \Phi_6$
119982	1638	120	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{29}{120}$	$\frac{1}{3}$	$\Phi_{120}^{18}\ \Phi_{60}^{18}\ \Phi_{40}^{18}\ \Phi_{30}\ \Phi_{24}^{18}\ \Phi_{20}^{18}\ \Phi_{15}\ \Phi_{12}^{18}\ \Phi_8^{18}\ \Phi_6\ \Phi_4^{18}$
119983	1638	2640	$\frac{1}{20}$	$\frac{61}{880}$	$\frac{19}{80}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
119984	1638	246	$\frac{2}{41}$	$\frac{3}{41}$	$\frac{19}{82}$	$\frac{1}{3}$	$\Phi_{246}^{13}\ \Phi_{123}^7\ \Phi_6^{13}\ \Phi_3^6$
119985	1638	2097	$\frac{5}{233}$	$\frac{38}{233}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2097}\ \Phi_{233}\ \Phi_9^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
119986	1638	2520	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{315}\ \Phi_{280}\ \Phi_{252}\ \Phi_{140}\ \Phi_{126}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
119987	1638	2097	$\frac{8}{233}$	$\frac{25}{233}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2097}\ \Phi_{233}\ \Phi_{9}^2\ \Phi_{1}^2$
119988	1638	270	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{270}^7\ \Phi_{135}^7\ \Phi_{90}^6\ \Phi_{54}^7\ \Phi_{45}^6\ \Phi_{30}^7\ \Phi_{18}^6\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_{6}^7\ \Phi_{5}^6\ \Phi_{2}^6$
119989	1638	2097	$\frac{12}{233}$	$\frac{17}{233}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2097}\ \Phi_{233}\ \Phi_{9}^2\ \Phi_{1}^2$
119990	1638	2394	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2394}\ \Phi_{1197}\ \Phi_{342}\ \Phi_{266}\ \Phi_{133}\ \Phi_{38}$
119991	1638	600	$\frac{1}{40}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{600}^5\ \Phi_{300}^5\ \Phi_{150}^5\ \Phi_{120}\ \Phi_{75}^4\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
119992	1638	195	$\frac{2}{65}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{195}^8\ \Phi_{65}^{10}\ \Phi_{39}^8\ \Phi_{15}^5\ \Phi_{13}^{10}\ \Phi_{5}^6\ \Phi_{3}^4\ \Phi_{1}^6$
119993	1638	570	$\frac{4}{95}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{570}^5\ \Phi_{285}^4\ \Phi_{114}^5\ \Phi_{57}^4\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
119994	1638	3480	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{28}{145}$	$\frac{1}{3}$	$\Phi_{3480}\ \Phi_{1740}\ \Phi_{870}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
119995	1638	450	$\frac{2}{45}$	$\frac{1}{10}$	$\frac{43}{225}$	$\frac{1}{3}$	$\Phi_{450}^5\ \Phi_{225}^4\ \Phi_{150}^5\ \Phi_{75}^4\ \Phi_{50}^5\ \Phi_{30}\ \Phi_{25}^4\ \Phi_{15}\ \Phi_{6}$
119996	1638	300	$\frac{1}{20}$	$\frac{9}{100}$	$\frac{19}{100}$	$\frac{1}{3}$	$\Phi_{300}^8\ \Phi_{150}^8\ \Phi_{75}^8\ \Phi_{60}^9\ \Phi_{30}^9\ \Phi_{15}^9\ \Phi_{12}^9\ \Phi_{6}^9\ \Phi_{3}^8$
119997	1638	3000	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{181}{1000}$	$\frac{1}{3}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{375}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
119998	1638	480	$\frac{5}{96}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^2\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^2\ \Phi_{40}^4\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^4\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}\ \Phi_{4}^2$
119999	1638	75	$\frac{1}{25}$	$\frac{2}{15}$	$\frac{4}{25}$	$\frac{1}{3}$	$\Phi_{75}^{20}\ \Phi_{25}^{25}\ \Phi_{15}^{21}\ \Phi_{5}^{26}\ \Phi_{3}^{20}\ \Phi_{1}^{26}$
120000	1638	540	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{17}{108}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^4\ \Phi_{108}^2\ \Phi_{60}^4\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{27}^2\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}^2$
120001	1638	960	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{47}{320}$	$\frac{1}{3}$	$\Phi_{960}^3\ \Phi_{480}^2\ \Phi_{240}^2\ \Phi_{192}^3\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{60}^3\ \Phi_{48}^2\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{3}^2$
120002	1638	2310	$\frac{1}{22}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{210}\ \Phi_{154}\ \Phi_{77}\ \Phi_{70}\ \Phi_{14}$
120003	1638	375	$\frac{6}{125}$	$\frac{2}{15}$	$\frac{17}{125}$	$\frac{1}{3}$	$\Phi_{375}^4\ \Phi_{125}^5\ \Phi_{75}^4\ \Phi_{25}^5\ \Phi_{15}^5\ \Phi_{5}^6\ \Phi_{3}^4\ \Phi_{1}^6$
120004	1638	2280	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{190}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
120005	1638	375	$\frac{8}{125}$	$\frac{13}{125}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{375}^4\ \Phi_{125}^5\ \Phi_{75}^4\ \Phi_{25}^5\ \Phi_{15}^5\ \Phi_{5}^6\ \Phi_{3}^4\ \Phi_{1}^6$
120006	1638	30	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{30}^{61}\ \Phi_{15}^{49}\ \Phi_{10}^{60}\ \Phi_{6}^{61}\ \Phi_{5}^{48}\ \Phi_{3}^{48}\ \Phi_{2}^{60}\ \Phi_{1}^{48}$
120007	1638	2460	$\frac{57}{820}$	$\frac{79}{820}$	$\frac{109}{820}$	$\frac{1}{3}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{615}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
120008	1638	1302	$\frac{1}{14}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{3}$	$\Phi_{1302}^2\ \Phi_{651}^2\ \Phi_{186}^2\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{6}^3$
120009	1638	492	$\frac{11}{164}$	$\frac{17}{164}$	$\frac{21}{164}$	$\frac{1}{3}$	$\Phi_{492}^5\ \Phi_{246}^5\ \Phi_{123}^5\ \Phi_{12}^5\ \Phi_{6}^5\ \Phi_{3}^4$
120010	1638	696	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{696}^4\ \Phi_{348}^4\ \Phi_{174}^4\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_{6}^5$
120011	1638	840	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{840}^4\ \Phi_{420}^4\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
120012	1638	990	$\frac{8}{99}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{15}\ \Phi_{6}$
120013	1638	300	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{3}$	$\Phi_{300}^9\ \Phi_{150}^9\ \Phi_{75}^9\ \Phi_{60}^9\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^9\ \Phi_{6}$
120014	1638	2250	$\frac{2}{125}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{41}{125}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{450}\ \Phi_{225}\ \Phi_{125}\ \Phi_{90}\ \Phi_{45}\ \Phi_{25}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{1}^2$
120015	1638	2000	$\frac{2}{125}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{41}{125}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{400}\ \Phi_{200}\ \Phi_{125}\ \Phi_{80}\ \Phi_{40}\ \Phi_{25}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{1}^2$
120016	1638	2295	$\frac{1}{45}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{44}{135}$	$\Phi_{2295}\ \Phi_{459}\ \Phi_{135}^2\ \Phi_{27}^2\ \Phi_{17}\ \Phi_{1}^2$
120017	1638	3780	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{44}{135}$	$\Phi_{3780}\ \Phi_{1890}\ \Phi_{756}\ \Phi_{378}\ \Phi_{28}\ \Phi_{14}$
120018	1638	770	$\frac{2}{77}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{25}{77}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}^3\ \Phi_{70}^2\ \Phi_{55}^2\ \Phi_{35}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^3\ \Phi_{10}^4\ \Phi_{7}^3\ \Phi_{5}^4\ \Phi_{2}^4\ \Phi_{1}^6$
120019	1638	616	$\frac{2}{77}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{25}{77}$	$\Phi_{616}^3\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{88}^3\ \Phi_{77}^3\ \Phi_{56}^3\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^3\ \Phi_{8}^6\ \Phi_{7}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
120020	1638	1925	$\frac{2}{77}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{25}{77}$	$\Phi_{1925}\ \Phi_{275}\ \Phi_{175}\ \Phi_{77}\ \Phi_{25}^2\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
120021	1638	1637	$\frac{44}{1637}$	$\frac{158}{1637}$	$\frac{493}{1637}$	$\frac{531}{1637}$	$\Phi_{1637}\ \Phi_1^2$
120022	1638	1880	$\frac{7}{235}$	$\frac{1}{8}$	$\frac{53}{235}$	$\frac{76}{235}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{470}\ \Phi_{376}\ \Phi_{188}\ \Phi_{94}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
120023	1638	465	$\frac{1}{31}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{10}{31}$	$\Phi_{465}^4\ \Phi_{155}^2\ \Phi_{93}^4\ \Phi_{31}^4\ \Phi_{15}^6\ \Phi_5^3\ \Phi_3^6\ \Phi_1^6$
120024	1638	1637	$\frac{56}{1637}$	$\frac{181}{1637}$	$\frac{370}{1637}$	$\frac{527}{1637}$	$\Phi_{1637}\ \Phi_1^2$
120025	1638	2188	$\frac{19}{547}$	$\frac{53}{547}$	$\frac{1}{4}$	$\frac{176}{547}$	$\Phi_{2188}\ \Phi_{1094}$
120026	1638	920	$\frac{4}{115}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{37}{115}$	$\Phi_{920}^2\ \Phi_{460}^2\ \Phi_{230}^2\ \Phi_{184}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
120027	1638	779	$\frac{2}{41}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{13}{41}$	$\Phi_{779}^2\ \Phi_{41}^3\ \Phi_{19}^4\ \Phi_1^6$
120028	1638	1148	$\frac{2}{41}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{41}$	$\Phi_{1148}^2\ \Phi_{574}\ \Phi_{287}\ \Phi_{164}\ \Phi_{41}\ \Phi_{28}^4\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
120029	1638	1637	$\frac{80}{1637}$	$\frac{86}{1637}$	$\frac{517}{1637}$	$\frac{519}{1637}$	$\Phi_{1637}\ \Phi_1^2$
120030	1638	1140	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{228}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3$
120031	1638	779	$\frac{1}{19}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{6}{19}$	$\Phi_{779}^2\ \Phi_{41}^3\ \Phi_{19}^4\ \Phi_1^6$
120032	1638	1064	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{6}{19}$	$\Phi_{1064}^2\ \Phi_{532}^2\ \Phi_{266}^2\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{14}^3$
120033	1638	1778	$\frac{7}{127}$	$\frac{1}{14}$	$\frac{29}{127}$	$\frac{40}{127}$	$\Phi_{1778}\ \Phi_{889}\ \Phi_{254}$
120034	1638	1770	$\frac{7}{118}$	$\frac{1}{15}$	$\frac{27}{118}$	$\frac{37}{118}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{590}\ \Phi_{354}\ \Phi_{295}\ \Phi_{177}\ \Phi_{30}\ \Phi_{10}\ \Phi_6$
120035	1638	1637	$\frac{107}{1637}$	$\frac{161}{1637}$	$\frac{246}{1637}$	$\frac{510}{1637}$	$\Phi_{1637}\ \Phi_1^2$
120036	1638	1637	$\frac{97}{1637}$	$\frac{110}{1637}$	$\frac{376}{1637}$	$\frac{509}{1637}$	$\Phi_{1637}\ \Phi_1^2$
120037	1638	1637	$\frac{110}{1637}$	$\frac{188}{1637}$	$\frac{207}{1637}$	$\frac{509}{1637}$	$\Phi_{1637}\ \Phi_1^2$
120038	1638	2188	$\frac{29}{547}$	$\frac{37}{547}$	$\frac{1}{4}$	$\frac{170}{547}$	$\Phi_{2188}\ \Phi_{1094}$
120039	1638	1880	$\frac{16}{235}$	$\frac{27}{235}$	$\frac{1}{8}$	$\frac{73}{235}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{470}\ \Phi_{376}\ \Phi_{188}\ \Phi_{94}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
120040	1638	2508	$\frac{1}{19}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{627}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
120041	1638	1918	$\frac{19}{274}$	$\frac{27}{274}$	$\frac{1}{7}$	$\frac{85}{274}$	$\Phi_{1918}\ \Phi_{959}\ \Phi_{14}$
120042	1638	1637	$\frac{90}{1637}$	$\frac{119}{1637}$	$\frac{377}{1637}$	$\frac{506}{1637}$	$\Phi_{1637}\ \Phi_1^2$
120043	1638	2188	$\frac{27}{547}$	$\frac{40}{547}$	$\frac{1}{4}$	$\frac{169}{547}$	$\Phi_{2188}\ \Phi_{1094}$
120044	1638	540	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{540}^4\ \Phi_{270}^2\ \Phi_{180}^4\ \Phi_{135}^2\ \Phi_{108}^5\ \Phi_{90}^2\ \Phi_{60}^4\ \Phi_{54}^3\ \Phi_{45}^2\ \Phi_{36}^5\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}^5\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
120045	1638	770	$\frac{5}{77}$	$\frac{1}{10}$	$\frac{12}{77}$	$\frac{3}{10}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}^3\ \Phi_{70}^2\ \Phi_{55}^2\ \Phi_{35}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^3\ \Phi_{10}^4\ \Phi_7^3\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
120046	1638	70	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{10}$	$\Phi_{70}^{22}\ \Phi_{35}^{22}\ \Phi_{14}^{28}\ \Phi_{10}^{24}\ \Phi_7^{27}\ \Phi_5^{24}\ \Phi_2^{30}\ \Phi_1^{30}$
120047	1638	220	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{44}$	$\frac{3}{10}$	$\Phi_{220}^8\ \Phi_{110}^6\ \Phi_{55}^6\ \Phi_{44}^{10}\ \Phi_{22}^8\ \Phi_{20}^8\ \Phi_{11}^7\ \Phi_{10}^8\ \Phi_5^8\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{10}$
120048	1638	1728	$\frac{1}{27}$	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
120049	1638	2040	$\frac{1}{30}$	$\frac{2}{17}$	$\frac{29}{120}$	$\frac{5}{17}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{408}\ \Phi_{340}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}^2\ \Phi_{68}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
120050	1638	1615	$\frac{4}{95}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{1615}\ \Phi_{323}\ \Phi_{95}^2\ \Phi_{19}^2\ \Phi_{17}\ \Phi_1^2$
120051	1638	1632	$\frac{5}{96}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{96}^2\ \Phi_{68}\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
120052	1638	1836	$\frac{1}{18}$	$\frac{2}{17}$	$\frac{17}{108}$	$\frac{5}{17}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{204}\ \Phi_{108}^2\ \Phi_{68}\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
120053	1638	255	$\frac{1}{15}$	$\frac{2}{17}$	$\frac{2}{15}$	$\frac{5}{17}$	$\Phi_{255}^6\ \Phi_{85}^6\ \Phi_{51}^6\ \Phi_{17}^7\ \Phi_{15}^{12}\ \Phi_5^{12}\ \Phi_3^{12}\ \Phi_1^{14}$
120054	1638	952	$\frac{1}{14}$	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{5}{17}$	$\Phi_{952}^2\ \Phi_{476}^2\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{68}\ \Phi_{56}^4\ \Phi_{28}^4\ \Phi_{17}\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
120055	1638	1683	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{17}\ \Phi_{11}^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
120056	1638	1700	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{425}\ \Phi_{340}\ \Phi_{100}^2\ \Phi_{68}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
120057	1638	1637	$\frac{89}{1637}$	$\frac{197}{1637}$	$\frac{258}{1637}$	$\frac{480}{1637}$	$\Phi_{1637}\ \Phi_1^2$
120058	1638	1778	$\frac{1}{14}$	$\frac{15}{127}$	$\frac{16}{127}$	$\frac{37}{127}$	$\Phi_{1778}\ \Phi_{889}\ \Phi_{254}$
120059	1638	1637	$\frac{111}{1637}$	$\frac{194}{1637}$	$\frac{218}{1637}$	$\frac{473}{1637}$	$\Phi_{1637}\ \Phi_1^2$
120060	1638	1918	$\frac{15}{274}$	$\frac{37}{274}$	$\frac{1}{7}$	$\frac{79}{274}$	$\Phi_{1918}\ \Phi_{959}\ \Phi_{14}$
120061	1638	1637	$\frac{48}{1637}$	$\frac{227}{1637}$	$\frac{389}{1637}$	$\frac{470}{1637}$	$\Phi_{1637}\ \Phi_1^2$
120062	1638	2188	$\frac{15}{547}$	$\frac{76}{547}$	$\frac{1}{4}$	$\frac{157}{547}$	$\Phi_{2188}\ \Phi_{1094}$
120063	1638	1637	$\frac{90}{1637}$	$\frac{221}{1637}$	$\frac{236}{1637}$	$\frac{467}{1637}$	$\Phi_{1637}\ \Phi_1^2$
120064	1638	1778	$\frac{1}{14}$	$\frac{13}{127}$	$\frac{19}{127}$	$\frac{36}{127}$	$\Phi_{1778}\ \Phi_{889}\ \Phi_{254}$
120065	1638	1637	$\frac{113}{1637}$	$\frac{168}{1637}$	$\frac{254}{1637}$	$\frac{461}{1637}$	$\Phi_{1637}\ \Phi_1^2$
120066	1638	1880	$\frac{13}{235}$	$\frac{1}{8}$	$\frac{37}{235}$	$\frac{66}{235}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{470}\ \Phi_{376}\ \Phi_{188}\ \Phi_{94}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
120067	1638	1548	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{1548}^2\ \Phi_{774}\ \Phi_{387}\ \Phi_{172}\ \Phi_{86}$
120068	1638	1170	$\frac{2}{65}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{90}\ \Phi_{65}^2\ \Phi_{45}\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
120069	1638	450	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{450}^5\ \Phi_{225}^5\ \Phi_{90}^5\ \Phi_{45}^5\ \Phi_{25}^5\ \Phi_{18}^6\ \Phi_9^6\ \Phi_5^5\ \Phi_1^6$
120070	1638	1386	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1386}^2\ \Phi_{693}^2\ \Phi_{154}\ \Phi_{126}\ \Phi_{77}\ \Phi_{63}\ \Phi_{14}$
120071	1638	2250	$\frac{6}{125}$	$\frac{17}{125}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{450}\ \Phi_{225}\ \Phi_{125}\ \Phi_{90}\ \Phi_{45}\ \Phi_{25}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
120072	1638	1368	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1368}^2\ \Phi_{684}^2\ \Phi_{342}\ \Phi_{171}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
120073	1638	2250	$\frac{8}{125}$	$\frac{13}{125}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{450}\ \Phi_{225}\ \Phi_{125}\ \Phi_{90}\ \Phi_{45}\ \Phi_{25}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
120074	1638	90	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{90}^{25}\ \Phi_{45}^{25}\ \Phi_{30}^5\ \Phi_{18}^{26}\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^{26}\ \Phi_6^5\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
120075	1638	688	$\frac{1}{43}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{688}^3\ \Phi_{344}^3\ \Phi_{172}\ \Phi_{86}$
120076	1638	724	$\frac{6}{181}$	$\frac{25}{181}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{724}^2\ \Phi_{362}^2\ \Phi_{181}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
120077	1638	216	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{216}^9\ \Phi_{108}^7\ \Phi_{72}^9\ \Phi_{54}^7\ \Phi_{36}^7\ \Phi_{27}^6\ \Phi_{24}^9\ \Phi_{18}^7\ \Phi_{12}^7\ \Phi_9^6\ \Phi_6^7\ \Phi_3^6$
120078	1638	724	$\frac{12}{181}$	$\frac{13}{181}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{724}^2\ \Phi_{362}^2\ \Phi_{181}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
120079	1638	420	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{420}^4\ \Phi_{210}^5\ \Phi_{140}^4\ \Phi_{105}^5\ \Phi_{84}^4\ \Phi_{70}^5\ \Phi_{60}^2\ \Phi_{42}^5\ \Phi_{35}^5\ \Phi_{30}^3\ \Phi_{21}^5\ \Phi_{20}^2$ $\Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^2\ \Phi_3^2$
120080	1638	840	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{29}{120}$	$\frac{1}{4}$	$\Phi_{840}^3\ \Phi_{420}\ \Phi_{280}^3\ \Phi_{210}^2\ \Phi_{168}^3\ \Phi_{140}\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{42}^2$ $\Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2$
120081	1638	2160	$\frac{1}{27}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{120}\ \Phi_{108}$ $\Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
120082	1638	1040	$\frac{2}{65}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1040}^2\ \Phi_{520}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{80}\ \Phi_{65}^2\ \Phi_{40}\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
120083	1638	2700	$\frac{1}{27}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{150}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}$ Φ_6
120084	1638	2660	$\frac{4}{95}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{532}\ \Phi_{266}\ \Phi_{28}\ \Phi_{14}$
120085	1638	660	$\frac{1}{22}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{660}^4\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^4\ \Phi_{110}\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{44}^4\ \Phi_{33}^2$ $\Phi_{22}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
120086	1638	400	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{400}^5\ \Phi_{200}^5\ \Phi_{80}^5\ \Phi_{40}^5\ \Phi_{25}^5\ \Phi_{16}^6\ \Phi_8^6\ \Phi_5^5\ \Phi_1^6$
120087	1638	1232	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1232}^2\ \Phi_{616}^2\ \Phi_{154}\ \Phi_{112}\ \Phi_{77}\ \Phi_{56}\ \Phi_{14}$
120088	1638	2000	$\frac{6}{125}$	$\frac{17}{125}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{400}\ \Phi_{200}\ \Phi_{125}\ \Phi_{80}\ \Phi_{40}\ \Phi_{25}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
120089	1638	304	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{304}^7\ \Phi_{152}^4\ \Phi_{76}^5\ \Phi_{38}^5\ \Phi_{19}^4$
120090	1638	2000	$\frac{8}{125}$	$\frac{13}{125}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{400}\ \Phi_{200}\ \Phi_{125}\ \Phi_{80}\ \Phi_{40}\ \Phi_{25}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
120091	1638	240	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{240}^{9}\ \Phi_{120}^{9}\ \Phi_{80}^{7}\ \Phi_{48}^{9}\ \Phi_{40}^{7}\ \Phi_{30}^{5}\ \Phi_{24}^{9}\ \Phi_{16}^{8}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{8}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
120092	1638	672	$\frac{5}{96}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{3}\ \Phi_{84}\ \Phi_{56}^{3}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
120093	1638	756	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{17}{108}$	$\frac{1}{4}$	$\Phi_{756}^{3}\ \Phi_{378}^{3}\ \Phi_{252}\ \Phi_{189}^{3}\ \Phi_{126}^{2}\ \Phi_{84}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
120094	1638	616	$\frac{5}{77}$	$\frac{1}{8}$	$\frac{12}{77}$	$\frac{1}{4}$	$\Phi_{616}^{3}\ \Phi_{308}^{2}\ \Phi_{154}^{2}\ \Phi_{88}^{3}\ \Phi_{77}^{3}\ \Phi_{56}^{3}\ \Phi_{44}^{2}\ \Phi_{28}^{2}\ \Phi_{22}^{2}\ \Phi_{14}^{2}\ \Phi_{11}^{3}\ \Phi_{8}^{6}\ \Phi_{7}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
120095	1638	2188	$\frac{37}{547}$	$\frac{66}{547}$	$\frac{85}{547}$	$\frac{1}{4}$	$\Phi_{2188}\ \Phi_{1094}$
120096	1638	1148	$\frac{1}{14}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{4}$	$\Phi_{1148}^{2}\ \Phi_{574}\ \Phi_{287}\ \Phi_{164}\ \Phi_{41}\ \Phi_{28}^{4}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
120097	1638	2188	$\frac{36}{547}$	$\frac{73}{547}$	$\frac{79}{547}$	$\frac{1}{4}$	$\Phi_{2188}\ \Phi_{1094}$
120098	1638	420	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{140}^{6}\ \Phi_{84}^{6}\ \Phi_{70}^{6}\ \Phi_{42}^{6}\ \Phi_{28}^{7}\ \Phi_{14}^{7}$
120099	1638	56	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{56}^{33}\ \Phi_{28}^{22}\ \Phi_{14}^{28}\ \Phi_{8}^{36}\ \Phi_{7}^{27}\ \Phi_{4}^{24}\ \Phi_{2}^{30}\ \Phi_{1}^{30}$
120100	1638	2772	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{154}\ \Phi_{28}\ \Phi_{14}$
120101	1638	700	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{700}^{3}\ \Phi_{350}^{3}\ \Phi_{175}^{3}\ \Phi_{140}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
120102	1638	88	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{88}^{21}\ \Phi_{44}^{16}\ \Phi_{22}^{16}\ \Phi_{11}^{15}\ \Phi_{8}^{24}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
120103	1638	1925	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1925}\ \Phi_{275}\ \Phi_{175}\ \Phi_{77}\ \Phi_{25}^{2}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^{2}$
120104	1638	350	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{350}^{6}\ \Phi_{175}^{5}\ \Phi_{50}^{6}\ \Phi_{25}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
120105	1638	1100	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1100}^{2}\ \Phi_{550}^{2}\ \Phi_{275}\ \Phi_{100}^{2}\ \Phi_{50}^{2}\ \Phi_{44}^{2}\ \Phi_{25}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
120106	1638	465	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{465}^{4}\ \Phi_{155}^{2}\ \Phi_{93}^{4}\ \Phi_{31}^{4}\ \Phi_{15}^{6}\ \Phi_{5}^{3}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
120107	1638	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{120}^{18}\ \Phi_{60}^{18}\ \Phi_{40}^{11}\ \Phi_{30}^{8}\ \Phi_{24}^{18}\ \Phi_{20}^{11}\ \Phi_{15}^{10}\ \Phi_{12}^{18}\ \Phi_{10}^{5}\ \Phi_{8}^{10}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
120108	1638	376	$\frac{5}{47}$	$\frac{1}{8}$	$\frac{7}{47}$	$\frac{8}{47}$	$\Phi_{376}^{5}\ \Phi_{188}^{5}\ \Phi_{94}^{5}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
120109	1639	2808	$\frac{1}{234}$	$\frac{235}{1404}$	$\frac{1169}{2808}$	$\frac{233}{468}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{216}\ \Phi_{156}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
120110	1639	3264	$\frac{7}{1632}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1625}{3264}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{192}\ \Phi_{64}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
120111	1639	2912	$\frac{1}{182}$	$\frac{183}{1456}$	$\frac{1273}{2912}$	$\frac{181}{364}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{364}\ \Phi_{224}\ \Phi_{52}\ \Phi_{32}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
120112	1639	2184	$\frac{1}{182}$	$\frac{545}{2184}$	$\frac{183}{728}$	$\frac{181}{364}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{312}\ \Phi_{273}\ \Phi_{168}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
120113	1639	1480	$\frac{1}{148}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{147}{296}$	$\Phi_{1480}^{2}\ \Phi_{296}^{3}\ \Phi_{40}^{2}\ \Phi_{20}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
120114	1639	4440	$\frac{1}{148}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{147}{296}$	$\Phi_{4440}\ \Phi_{888}\ \Phi_{296}\ \Phi_{120}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
120115	1639	3024	$\frac{1}{126}$	$\frac{127}{1512}$	$\frac{1385}{3024}$	$\frac{125}{252}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{36}\ \Phi_{28}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
120116	1639	2268	$\frac{1}{126}$	$\frac{127}{756}$	$\frac{629}{2268}$	$\frac{125}{252}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{252}\ \Phi_{162}\ \Phi_{84}\ \Phi_{81}\ \Phi_{36}\ \Phi_{28}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
120117	1639	2016	$\frac{1}{126}$	$\frac{377}{2016}$	$\frac{127}{504}$	$\frac{125}{252}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
120118	1639	3248	$\frac{15}{1624}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{1609}{3248}$	$\Phi_{3248}\ \Phi_{464}\ \Phi_{112}\ \Phi_{28}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
120119	1639	3240	$\frac{19}{1620}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{1601}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
120120	1639	3240	$\frac{19}{1620}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1601}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
120121	1639	3120	$\frac{1}{78}$	$\frac{79}{1560}$	$\frac{1481}{3120}$	$\frac{77}{156}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{156}\ \Phi_{80}\ \Phi_{52}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
120122	1639	2340	$\frac{1}{78}$	$\frac{79}{780}$	$\frac{701}{2340}$	$\frac{77}{156}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{234}\ \Phi_{180}\ \Phi_{156}\ \Phi_{117}\ \Phi_{90}\ \Phi_{52}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
120123	1639	1872	$\frac{1}{78}$	$\frac{233}{1872}$	$\frac{79}{312}$	$\frac{77}{156}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
120124	1639	588	$\frac{2}{147}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{145}{294}$	$\Phi_{588}^3\ \Phi_{294}^2\ \Phi_{196}^3\ \Phi_{147}^3\ \Phi_{98}^2\ \Phi_{84}^3\ \Phi_{49}^3\ \Phi_{42}^2\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^5\ \Phi_7^3\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
120125	1639	294	$\frac{2}{147}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{145}{294}$	$\Phi_{294}^4\ \Phi_{147}^7\ \Phi_{98}^4\ \Phi_{49}^7\ \Phi_{42}^4\ \Phi_{21}^7\ \Phi_{14}^6\ \Phi_7^8\ \Phi_6^4\ \Phi_3^7\ \Phi_2^6\ \Phi_1^9$
120126	1639	2196	$\frac{8}{549}$	$\frac{1}{9}$	$\frac{557}{2196}$	$\frac{541}{1098}$	$\Phi_{2196}\ \Phi_{732}\ \Phi_{549}\ \Phi_{244}\ \Phi_{183}\ \Phi_{61}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
120127	1639	3224	$\frac{27}{1612}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{1585}{3224}$	$\Phi_{3224}\ \Phi_{248}\ \Phi_{104}\ \Phi_{52}\ \Phi_8\ \Phi_4\ \Phi_1$
120128	1639	3220	$\frac{29}{1610}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1581}{3220}$	$\Phi_{3220}\ \Phi_{644}\ \Phi_{460}\ \Phi_{140}\ \Phi_{92}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
120129	1639	1974	$\frac{6}{329}$	$\frac{1}{7}$	$\frac{335}{1974}$	$\frac{323}{658}$	$\Phi_{1974}\ \Phi_{987}\ \Phi_{329}\ \Phi_{282}\ \Phi_{141}\ \Phi_{47}\ \Phi_{42}\ \Phi_{21}\ \Phi_6\ \Phi_3\ \Phi_1$
120130	1639	600	$\frac{1}{50}$	$\frac{1}{12}$	$\frac{51}{200}$	$\frac{49}{100}$	$\Phi_{600}^4\ \Phi_{300}^2\ \Phi_{200}^3\ \Phi_{150}^2\ \Phi_{120}^4\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{24}^4\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
120131	1639	3192	$\frac{1}{42}$	$\frac{43}{1596}$	$\frac{1553}{3192}$	$\frac{41}{84}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{168}\ \Phi_{152}\ \Phi_{84}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
120132	1639	1740	$\frac{4}{145}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{141}{290}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{174}\ \Phi_{145}\ \Phi_{116}\ \Phi_{87}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{29}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
120133	1639	180	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{31}{180}$	$\frac{29}{60}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{60}^6\ \Phi_{45}^{11}\ \Phi_{36}^{11}\ \Phi_{30}^5\ \Phi_{20}^6\ \Phi_{18}^{11}\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_9^{11}\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
120134	1639	288	$\frac{5}{144}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{139}{288}$	$\Phi_{288}^{11}\ \Phi_{96}^{11}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}^{11}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
120135	1639	288	$\frac{5}{144}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{139}{288}$	$\Phi_{288}^{11}\ \Phi_{96}^{11}\ \Phi_{32}^{11}\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
120136	1639	3120	$\frac{1}{26}$	$\frac{79}{1560}$	$\frac{25}{104}$	$\frac{1481}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{104}\ \Phi_{80}\ \Phi_{52}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
120137	1639	2160	$\frac{19}{540}$	$\frac{1}{18}$	$\frac{521}{2160}$	$\frac{17}{36}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
120138	1639	1728	$\frac{89}{1728}$	$\frac{1}{18}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
120139	1639	1944	$\frac{1}{18}$	$\frac{19}{324}$	$\frac{305}{1944}$	$\frac{17}{36}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
120140	1639	1800	$\frac{1}{18}$	$\frac{161}{1800}$	$\frac{19}{180}$	$\frac{17}{36}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
120141	1639	840	$\frac{9}{140}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{131}{280}$	$\Phi_{840}^4\ \Phi_{280}^3\ \Phi_{168}^4\ \Phi_{120}^4\ \Phi_{60}^2\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{24}^4\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
120142	1639	2436	$\frac{15}{812}$	$\frac{1}{14}$	$\frac{797}{2436}$	$\frac{13}{28}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{609}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
120143	1639	1680	$\frac{41}{1680}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
120144	1639	3024	$\frac{1}{63}$	$\frac{127}{1512}$	$\frac{62}{189}$	$\frac{1385}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{189}\ \Phi_{144}\ \Phi_{112}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
120145	1639	3024	$\frac{1}{42}$	$\frac{127}{1512}$	$\frac{41}{168}$	$\frac{1385}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{28}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
120146	1639	2220	$\frac{1}{74}$	$\frac{1}{10}$	$\frac{73}{222}$	$\frac{9}{20}$	$\Phi_{2220}^2\ \Phi_{444}^2\ \Phi_{222}\ \Phi_{111}\ \Phi_{60}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
120147	1639	760	$\frac{3}{152}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{760}^2\ \Phi_{380}^2\ \Phi_{190}^2\ \Phi_{152}^3\ \Phi_{95}^2\ \Phi_{76}^3\ \Phi_{40}^2\ \Phi_{38}^3\ \Phi_{20}\ \Phi_{19}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
120148	1639	740	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{36}{185}$	$\frac{9}{20}$	$\Phi_{740}^4\ \Phi_{185}\ \Phi_{148}^4\ \Phi_{20}^5\ \Phi_5\ \Phi_4^5\ \Phi_1$
120149	1639	480	$\frac{11}{160}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^3\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{80}^3\ \Phi_{60}^2\ \Phi_{48}^4\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{30}^2\ \Phi_{24}^4\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
120150	1639	540	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{14}{135}$	$\frac{121}{270}$	$\Phi_{540}^3\ \Phi_{270}^2\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^3\ \Phi_{90}^2\ \Phi_{60}^6\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^5\ \Phi_{27}^3\ \Phi_{20}^6\ \Phi_{18}^2\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_9^3\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
120151	1639	2268	$\frac{1}{63}$	$\frac{62}{567}$	$\frac{629}{2268}$	$\frac{505}{1134}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{567}\ \Phi_{324}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{81}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
120152	1639	2940	$\frac{1}{42}$	$\frac{169}{1470}$	$\frac{41}{210}$	$\frac{1301}{2940}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{210}\ \Phi_{196}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
120153	1639	2016	$\frac{1}{42}$	$\frac{41}{336}$	$\frac{377}{2016}$	$\frac{295}{672}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
120154	1639	2912	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{183}{1456}$	$\frac{1273}{2912}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{224}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
120155	1639	2448	$\frac{7}{816}$	$\frac{1}{6}$	$\frac{809}{2448}$	$\frac{5}{12}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
120156	1639	1656	$\frac{17}{1656}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{72}\ \Phi_{69}\ \Phi_{46}\ \Phi_{36}\ \Phi_{23}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
120157	1639	2040	$\frac{7}{408}$	$\frac{1}{6}$	$\frac{401}{2040}$	$\frac{5}{12}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{120}\ \Phi_{85}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
120158	1639	1680	$\frac{41}{1680}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
120159	1639	1836	$\frac{7}{204}$	$\frac{197}{1836}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{153}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
120160	1639	156	$\frac{7}{156}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{156}^{11}\ \Phi_{78}^{11}\ \Phi_{52}^{11}\ \Phi_{39}^{11}\ \Phi_{26}^{11}\ \Phi_{13}^{11}\ \Phi_{12}^{5}\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
120161	1639	1728	$\frac{89}{1728}$	$\frac{7}{96}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
120162	1639	2808	$\frac{1}{117}$	$\frac{235}{1404}$	$\frac{116}{351}$	$\frac{1169}{2808}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{351}\ \Phi_{312}\ \Phi_{216}\ \Phi_{104}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
120163	1639	1680	$\frac{41}{1680}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
120164	1639	252	$\frac{5}{126}$	$\frac{11}{126}$	$\frac{23}{126}$	$\frac{103}{252}$	$\Phi_{252}^{11}\ \Phi_{126}^{2}\ \Phi_{84}^{11}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{11}\ \Phi_{28}^{11}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{11}\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^{11}\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
120165	1639	1500	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{24}{125}$	$\frac{101}{250}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}^2\ \Phi_{150}^2\ \Phi_{125}\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
120166	1639	2340	$\frac{1}{117}$	$\frac{116}{585}$	$\frac{701}{2340}$	$\frac{469}{1170}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{585}\ \Phi_{468}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{156}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
120167	1639	2688	$\frac{1}{42}$	$\frac{41}{336}$	$\frac{295}{1344}$	$\frac{1049}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{336}\ \Phi_{168}\ \Phi_{128}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{28}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
120168	1639	450	$\frac{1}{150}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{450}^3\ \Phi_{225}^3\ \Phi_{150}^5\ \Phi_{90}^3\ \Phi_{75}^5\ \Phi_{50}^5\ \Phi_{45}^3\ \Phi_{30}^5\ \Phi_{25}^5\ \Phi_{18}^2\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_9^3\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
120169	1639	1728	$\frac{89}{1728}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{55}{144}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
120170	1639	240	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{29}{120}$	$\frac{91}{240}$	$\Phi_{240}^{11}\ \Phi_{80}^{11}\ \Phi_{60}^6\ \Phi_{48}^{11}\ \Phi_{30}^5\ \Phi_{20}^6\ \Phi_{16}^{11}\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
120171	1639	2632	$\frac{6}{329}$	$\frac{1}{7}$	$\frac{323}{1316}$	$\frac{993}{2632}$	$\Phi_{2632}\ \Phi_{376}\ \Phi_{329}\ \Phi_{56}\ \Phi_{47}\ \Phi_8\ \Phi_1$
120172	1639	1200	$\frac{1}{150}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1200}^2\ \Phi_{400}^2\ \Phi_{300}^2\ \Phi_{240}^2\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{50}\ \Phi_{48}^2\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
120173	1639	1674	$\frac{35}{1674}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{1674}\ \Phi_{837}\ \Phi_{558}\ \Phi_{279}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{27}\ \Phi_1$
120174	1639	2520	$\frac{1}{42}$	$\frac{41}{420}$	$\frac{379}{1260}$	$\frac{881}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{72}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
120175	1639	2496	$\frac{1}{26}$	$\frac{25}{416}$	$\frac{391}{1248}$	$\frac{857}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{192}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
120176	1639	2484	$\frac{17}{414}$	$\frac{1}{18}$	$\frac{397}{1242}$	$\frac{845}{2484}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{138}\ \Phi_{108}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{36}\ \Phi_{23}\ \Phi_{12}\ \Phi_4\ \Phi_1$
120177	1639	1890	$\frac{1}{63}$	$\frac{251}{1890}$	$\frac{62}{189}$	$\frac{127}{378}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
120178	1639	2106	$\frac{1}{117}$	$\frac{467}{2106}$	$\frac{116}{351}$	$\frac{235}{702}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{351}\ \Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_1$
120179	1639	168	$\frac{1}{12}$	$\frac{2}{21}$	$\frac{19}{168}$	$\frac{1}{3}$	$\Phi_{168}^{11}\ \Phi_{84}^8\ \Phi_{56}^{11}\ \Phi_{42}^8\ \Phi_{28}^8\ \Phi_{24}^{11}\ \Phi_{21}^9\ \Phi_{14}^8\ \Phi_{12}^{10}\ \Phi_8^{11}\ \Phi_7^9\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
120180	1639	1110	$\frac{1}{74}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{73}{222}$	$\Phi_{1110}\ \Phi_{555}\ \Phi_{370}^2\ \Phi_{222}^2\ \Phi_{185}^2\ \Phi_{111}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{30}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
120181	1639	2268	$\frac{1}{63}$	$\frac{127}{756}$	$\frac{629}{2268}$	$\frac{62}{189}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{189}\ \Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_1$
120182	1639	2430	$\frac{19}{810}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{791}{2430}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{486}\ \Phi_{243}\ \Phi_{27}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
120183	1639	2415	$\frac{29}{805}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{776}{2415}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{345}\ \Phi_{105}\ \Phi_{69}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1$
120184	1639	180	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{31}{180}$	$\frac{14}{45}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^{11}\ \Phi_{45}^9\ \Phi_{36}^8\ \Phi_{30}^{11}\ \Phi_{20}^{11}\ \Phi_{18}^8\ \Phi_{15}^{11}\ \Phi_{12}^{10}\ \Phi_{10}^{11}\ \Phi_9^9\ \Phi_6^{10}\ \Phi_5^{11}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
120185	1639	216	$\frac{1}{18}$	$\frac{5}{72}$	$\frac{17}{72}$	$\frac{67}{216}$	$\Phi_{216}^{11}\ \Phi_{108}^{11}\ \Phi_{72}\ \Phi_{54}^{11}\ \Phi_{36}\ \Phi_{27}^{11}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
120186	1639	216	$\frac{5}{72}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{67}{216}$	$\Phi_{216}^{11}\ \Phi_{108}^{11}\ \Phi_{54}^{11}\ \Phi_{27}^{11}\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
120187	1639	2160	$\frac{19}{540}$	$\frac{1}{9}$	$\frac{521}{2160}$	$\frac{8}{27}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
120188	1639	1701	$\frac{62}{1701}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{243}\ \Phi_{189}\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}\ \Phi_7\ \Phi_1$
120189	1639	2025	$\frac{19}{405}$	$\frac{1}{9}$	$\frac{386}{2025}$	$\frac{8}{27}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{225}\ \Phi_{75}\ \Phi_{27}\ \Phi_{25}\ \Phi_1$
120190	1639	1728	$\frac{89}{1728}$	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
120191	1639	1944	$\frac{19}{324}$	$\frac{1}{9}$	$\frac{305}{1944}$	$\frac{8}{27}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
120192	1639	1755	$\frac{116}{1755}$	$\frac{1}{9}$	$\frac{19}{135}$	$\frac{8}{27}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{117}\ \Phi_{65}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_1$
120193	1639	1890	$\frac{19}{270}$	$\frac{1}{9}$	$\frac{251}{1890}$	$\frac{8}{27}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{210}\ \Phi_{189}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
120194	1639	162	$\frac{13}{162}$	$\frac{1}{9}$	$\frac{19}{162}$	$\frac{8}{27}$	$\Phi_{162}^{10}\ \Phi_{81}^{10}\ \Phi_{54}^{10}\ \Phi_{27}^{11}\ \Phi_{18}^{10}\ \Phi_9^{10}\ \Phi_6^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
120195	1639	420	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{210}$	$\Phi_{420}^4\ \Phi_{210}^3\ \Phi_{140}^4\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^6\ \Phi_{42}^3\ \Phi_{35}^4\ \Phi_{30}^5\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{20}^6\ \Phi_{15}^5\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_7^4\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
120196	1639	154	$\frac{5}{154}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{154}^{11}\ \Phi_{77}^{11}\ \Phi_{22}^{11}\ \Phi_{14}^6\ \Phi_{11}^{11}\ \Phi_7^8\ \Phi_2^6\ \Phi_1^9$
120197	1639	324	$\frac{13}{162}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{324}^6\ \Phi_{162}^5\ \Phi_{108}^6\ \Phi_{81}^5\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
120198	1639	2280	$\frac{3}{152}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{152}\ \Phi_{120}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
120199	1639	555	$\frac{1}{37}$	$\frac{36}{185}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{555}^4\ \Phi_{185}\ \Phi_{111}^4\ \Phi_{15}^5\ \Phi_5\ \Phi_3^5\ \Phi_1$
120200	1639	1872	$\frac{1}{26}$	$\frac{233}{1872}$	$\frac{25}{104}$	$\frac{79}{312}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
120201	1639	2016	$\frac{1}{42}$	$\frac{377}{2016}$	$\frac{41}{168}$	$\frac{127}{504}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
120202	1639	2080	$\frac{1}{26}$	$\frac{79}{520}$	$\frac{441}{2080}$	$\frac{25}{104}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{416}\ \Phi_{208}\ \Phi_{160}\ \Phi_{104}\ \Phi_{80}\ \Phi_{52}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
120203	1639	196	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{47}{196}$	$\Phi_{196}^{11}\ \Phi_{98}^4\ \Phi_{49}^7\ \Phi_{28}^{11}\ \Phi_{14}^6\ \Phi_7^8\ \Phi_4^{11}\ \Phi_2^6\ \Phi_1^9$
120204	1639	192	$\frac{1}{12}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{192}$	$\Phi_{192}^{11}\ \Phi_{96}^{11}\ \Phi_{64}^{11}\ \Phi_{32}^{11}\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
120205	1639	168	$\frac{2}{21}$	$\frac{19}{168}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{168}^{11}\ \Phi_{84}^{11}\ \Phi_{56}^{11}\ \Phi_{42}^4\ \Phi_{28}^{11}\ \Phi_{24}^{11}\ \Phi_{21}^7\ \Phi_{14}^6\ \Phi_{12}^{11}\ \Phi_8^{11}\ \Phi_7^8\ \Phi_6^4\ \Phi_4^{11}\ \Phi_3^7\ \Phi_2^6\ \Phi_1^9$
120206	1639	168	$\frac{1}{12}$	$\frac{19}{168}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{168}^{11}\ \Phi_{84}^{11}\ \Phi_{56}^{11}\ \Phi_{42}^{11}\ \Phi_{28}^{11}\ \Phi_{21}^{11}\ \Phi_{14}^{11}\ \Phi_{12}^5\ \Phi_7^{11}\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
120207	1639	180	$\frac{1}{12}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{180}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{60}^{11}\ \Phi_{45}^{11}\ \Phi_{30}^{11}\ \Phi_{20}^{11}\ \Phi_{15}^{11}\ \Phi_{12}^5\ \Phi_{10}^{11}\ \Phi_6^4\ \Phi_5^{11}\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
120208	1640	1227	$\frac{1}{409}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{204}{409}$	$\Phi_{1227}\ \Phi_{409}^2\ \Phi_3^2\ \Phi_1^4$
120209	1640	1639	$\frac{5}{1639}$	$\frac{411}{1639}$	$\frac{614}{1639}$	$\frac{817}{1639}$	$\Phi_{1639}\ \Phi_{149}\ \Phi_{11}\ \Phi_1^2$
120210	1640	2616	$\frac{1}{327}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{163}{327}$	$\Phi_{2616}\ \Phi_{872}\ \Phi_{327}\ \Phi_{109}\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
120211	1640	2463	$\frac{3}{821}$	$\frac{206}{821}$	$\frac{1}{3}$	$\frac{409}{821}$	Φ_{2463}
120212	1640	2856	$\frac{1}{204}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{203}{408}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}^2\ \Phi_{168}\ \Phi_{136}^2\ \Phi_{56}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
120213	1640	2040	$\frac{1}{204}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{203}{408}$	$\Phi_{2040}^2\ \Phi_{680}^2\ \Phi_{120}^2\ \Phi_{40}^2\ \Phi_{15}$
120214	1640	1467	$\frac{1}{163}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{81}{163}$	$\Phi_{1467}\ \Phi_{489}\ \Phi_{163}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
120215	1640	978	$\frac{1}{163}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{81}{163}$	$\Phi_{978}^2\ \Phi_{489}\ \Phi_{326}^2\ \Phi_{163}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
120216	1640	149	$\frac{1}{149}$	$\frac{15}{149}$	$\frac{67}{149}$	$\frac{74}{149}$	$\Phi_{149}^{11}\ \Phi_1^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
120217	1640	1370	$\frac{1}{137}$	$\frac{1}{5}$	$\frac{69}{274}$	$\frac{68}{137}$	$\Phi_{1370}^2\ \Phi_{685}\ \Phi_{10}^2$
120218	1640	407	$\frac{3}{407}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{202}{407}$	$\Phi_{407}^4\ \Phi_{37}^4\ \Phi_{11}^5\ \Phi_1^6$
120219	1640	1974	$\frac{3}{329}$	$\frac{1}{6}$	$\frac{83}{329}$	$\frac{163}{329}$	$\Phi_{1974}\ \Phi_{987}\ \Phi_{658}\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
120220	1640	1639	$\frac{17}{1639}$	$\frac{245}{1639}$	$\frac{414}{1639}$	$\frac{811}{1639}$	$\Phi_{1639}\ \Phi_{149}\ \Phi_{11}\ \Phi_1^2$
120221	1640	2463	$\frac{9}{821}$	$\frac{83}{821}$	$\frac{1}{3}$	$\frac{406}{821}$	Φ_{2463}
120222	1640	1539	$\frac{1}{81}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{40}{81}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}^2\ \Phi_{57}\ \Phi_{27}^2\ \Phi_{19}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
120223	1640	891	$\frac{1}{81}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{40}{81}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{99}^2\ \Phi_{33}^3\ \Phi_{11}^2$
120224	1640	1539	$\frac{1}{81}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{40}{81}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}\ \Phi_{81}^2\ \Phi_{57}\ \Phi_{27}^2\ \Phi_{19}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
120225	1640	810	$\frac{1}{81}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{40}{81}$	$\Phi_{810}^3\ \Phi_{405}^2\ \Phi_{270}^3\ \Phi_{135}^2\ \Phi_{90}^3\ \Phi_{45}^2\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
120226	1640	1639	$\frac{21}{1639}$	$\frac{83}{1639}$	$\frac{778}{1639}$	$\frac{809}{1639}$	$\Phi_{1639}\ \Phi_{149}\ \Phi_{11}\ \Phi_1^2$
120227	1640	1617	$\frac{23}{1617}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{797}{1617}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{231}\ \Phi_{147}\ \Phi_{77}\ \Phi_{49}\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{11}\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
120228	1640	55	$\frac{1}{55}$	$\frac{1}{11}$	$\frac{14}{55}$	$\frac{27}{55}$	$\Phi_{55}^{30}\ \Phi_{11}^{29}\ \Phi_5^{30}\ \Phi_1^{30}$
120229	1640	966	$\frac{3}{161}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{79}{161}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{322}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
120230	1640	1639	$\frac{31}{1639}$	$\frac{167}{1639}$	$\frac{368}{1639}$	$\frac{804}{1639}$	$\Phi_{1639}\ \Phi_{149}\ \Phi_{11}\ \Phi_1^2$
120231	1640	447	$\frac{3}{149}$	$\frac{37}{447}$	$\frac{38}{149}$	$\frac{73}{149}$	$\Phi_{447}^4\ \Phi_{149}^3\ \Phi_3^4\ \Phi_1^4$
120232	1640	149	$\frac{3}{149}$	$\frac{19}{149}$	$\frac{26}{149}$	$\frac{73}{149}$	$\Phi_{149}^{11}\ \Phi_1^{12}$
120233	1640	282	$\frac{1}{47}$	$\frac{6}{47}$	$\frac{1}{6}$	$\frac{23}{47}$	$\Phi_{282}^7\ \Phi_{141}^7\ \Phi_{94}^7\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6$
120234	1640	685	$\frac{3}{137}$	$\frac{14}{137}$	$\frac{1}{5}$	$\frac{67}{137}$	$\Phi_{685}^3\ \Phi_5^2$
120235	1640	1639	$\frac{37}{1639}$	$\frac{122}{1639}$	$\frac{419}{1639}$	$\frac{801}{1639}$	$\Phi_{1639}\ \Phi_{149}\ \Phi_{11}\ \Phi_1^2$
120236	1640	2463	$\frac{19}{821}$	$\frac{42}{821}$	$\frac{1}{3}$	$\frac{401}{821}$	Φ_{2463}
120237	1640	3120	$\frac{1}{40}$	$\frac{1}{39}$	$\frac{19}{39}$	$\frac{39}{80}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{80}^2\ \Phi_{48}\ \Phi_{39}\ \Phi_{16}^2\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
120238	1640	1680	$\frac{1}{40}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{48}\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
120239	1640	1040	$\frac{1}{40}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{39}{80}$	$\Phi_{1040}^3\ \Phi_{208}^3\ \Phi_{80}^4\ \Phi_{16}^4\ \Phi_{13}^3\ \Phi_1^4$
120240	1640	880	$\frac{1}{40}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{39}{80}$	$\Phi_{880}^4\ \Phi_{176}^4\ \Phi_{55}$
120241	1640	3120	$\frac{1}{40}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{39}{80}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{80}^2\ \Phi_{48}\ \Phi_{39}\ \Phi_{16}^2\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
120242	1640	720	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{39}{80}$	$\Phi_{720}^5\ \Phi_{240}^3\ \Phi_{144}^5\ \Phi_{80}^4\ \Phi_{48}^3\ \Phi_{18}^3\ \Phi_{16}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
120243	1640	780	$\frac{1}{39}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{19}{39}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}^3\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{30}^3\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
120244	1640	1716	$\frac{1}{39}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{19}{39}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{286}\ \Phi_{143}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{39}\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{13}\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
120245	1640	585	$\frac{1}{39}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{19}{39}$	$\Phi_{585}^3\ \Phi_{195}^2\ \Phi_{117}^3\ \Phi_{65}^2\ \Phi_{45}^4\ \Phi_{39}^3\ \Phi_{15}^3\ \Phi_{13}^3\ \Phi_9^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
120246	1640	1950	$\frac{1}{39}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{19}{39}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{325}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{39}\ \Phi_{25}^2\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
120247	1640	624	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{19}{39}$	$\Phi_{624}^3\ \Phi_{312}^2\ \Phi_{208}^3\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{48}^4\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{24}^3\ \Phi_{16}^4\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
120248	1640	319	$\frac{9}{319}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{155}{319}$	$\Phi_{319}^5\ \Phi_{29}^5\ \Phi_{11}^9\ \Phi_1^{10}$
120249	1640	99	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{17}{99}$	$\frac{16}{33}$	$\Phi_{99}^{20}\ \Phi_{33}^{10}\ \Phi_{11}^9\ \Phi_9^{20}\ \Phi_3^{10}\ \Phi_1^{10}$
120250	1640	396	$\frac{7}{198}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{191}{396}$	$\Phi_{396}^8\ \Phi_{132}^8\ \Phi_{44}^8\ \Phi_{36}^8\ \Phi_{33}^2\ \Phi_{12}^8\ \Phi_{11}\ \Phi_4^8\ \Phi_3^2\ \Phi_1^2$
120251	1640	3198	$\frac{1}{41}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{3198}\ \Phi_{1066}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}$
120252	1640	798	$\frac{1}{42}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{114}^2\ \Phi_{57}\ \Phi_{42}^4\ \Phi_{38}^2\ \Phi_{21}^4\ \Phi_{19}^2\ \Phi_{14}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
120253	1640	1026	$\frac{1}{27}$	$\frac{1}{19}$	$\frac{13}{54}$	$\frac{9}{19}$	$\Phi_{1026}^2\ \Phi_{513}\ \Phi_{342}^2\ \Phi_{171}\ \Phi_{114}^2\ \Phi_{57}\ \Phi_{54}^4\ \Phi_{38}^2\ \Phi_{27}^2\ \Phi_{19}^2\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
120254	1640	855	$\frac{1}{19}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{9}{19}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{171}\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{45}^4\ \Phi_{19}^2\ \Phi_{15}^4\ \Phi_9^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
120255	1640	77	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{36}{77}$	$\Phi_{77}^{20}\ \Phi_{11}^{29}\ \Phi_7^{20}\ \Phi_1^{30}$
120256	1640	495	$\frac{1}{15}$	$\frac{4}{45}$	$\frac{1}{11}$	$\frac{7}{15}$	$\Phi_{495}^4\ \Phi_{165}^3\ \Phi_{99}^4\ \Phi_{55}^3\ \Phi_{33}^3\ \Phi_{11}^2$
120257	1640	2296	$\frac{1}{41}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{2296}\ \Phi_{574}\ \Phi_{328}\ \Phi_{287}\ \Phi_{82}$
120258	1640	1722	$\frac{1}{42}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{1722}\ \Phi_{861}\ \Phi_{574}\ \Phi_{287}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}$
120259	1640	1221	$\frac{6}{407}$	$\frac{1}{11}$	$\frac{401}{1221}$	$\frac{5}{11}$	$\Phi_{1221}^2\ \Phi_{111}^2\ \Phi_{33}^2\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
120260	1640	209	$\frac{4}{209}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{209}^8\ \Phi_{19}^8\ \Phi_{11}^5\ \Phi_1^6$
120261	1640	44	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{44}^{40}\ \Phi_{22}^{40}\ \Phi_{11}^{29}\ \Phi_4^{40}\ \Phi_2^{40}\ \Phi_1^{30}$
120262	1640	825	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{7}{75}$	$\frac{34}{75}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}^3\ \Phi_{55}^3\ \Phi_{33}^3\ \Phi_{11}^2$
120263	1640	1639	$\frac{29}{1639}$	$\frac{161}{1639}$	$\frac{450}{1639}$	$\frac{739}{1639}$	$\Phi_{1639}\ \Phi_{149}\ \Phi_{11}\ \Phi_1^2$
120264	1640	2463	$\frac{11}{821}$	$\frac{81}{821}$	$\frac{1}{3}$	$\frac{370}{821}$	Φ_{2463}
120265	1640	149	$\frac{4}{149}$	$\frac{15}{149}$	$\frac{29}{149}$	$\frac{67}{149}$	$\Phi_{149}^{11}\ \Phi_1^{12}$
120266	1640	297	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{31}{297}$	$\frac{133}{297}$	$\Phi_{297}^5\ \Phi_{99}^5\ \Phi_{33}^{10}\ \Phi_{27}^5\ \Phi_{11}^9\ \Phi_9^5\ \Phi_3^{10}\ \Phi_1^{10}$
120267	1640	747	$\frac{1}{83}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{747}^2\ \Phi_{249}^3\ \Phi_{83}^2$
120268	1640	1467	$\frac{3}{163}$	$\frac{1}{9}$	$\frac{40}{163}$	$\frac{4}{9}$	$\Phi_{1467}\ \Phi_{489}\ \Phi_{163}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
120269	1640	630	$\frac{1}{42}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^4\ \Phi_{105}^4\ \Phi_{90}^3\ \Phi_{70}^4\ \Phi_{45}^2\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
120270	1640	2952	$\frac{1}{41}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{328}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}$
120271	1640	1449	$\frac{2}{207}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}^2\ \Phi_{161}\ \Phi_{69}^2\ \Phi_{63}\ \Phi_{23}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
120272	1640	2142	$\frac{1}{102}$	$\frac{1}{7}$	$\frac{101}{306}$	$\frac{3}{7}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{126}\ \Phi_{63}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
120273	1640	581	$\frac{1}{83}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{581}^3\ \Phi_{83}^2$
120274	1640	1456	$\frac{3}{208}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1456}\ \Phi_{728}\ \Phi_{364}\ \Phi_{208}^2\ \Phi_{182}\ \Phi_{112}\ \Phi_{104}^2\ \Phi_{91}\ \Phi_{56}\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
120275	1640	1904	$\frac{1}{68}$	$\frac{1}{7}$	$\frac{67}{272}$	$\frac{3}{7}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{272}^2\ \Phi_{136}^2\ \Phi_{112}\ \Phi_{56}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
120276	1640	357	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{10}{51}$	$\frac{3}{7}$	$\Phi_{357}^4\ \Phi_{119}^4\ \Phi_{51}^8\ \Phi_{21}^4\ \Phi_{17}^8\ \Phi_7^5\ \Phi_3^8\ \Phi_1^{10}$
120277	1640	42	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{42}^{39}\ \Phi_{21}^{39}\ \Phi_{14}^{39}\ \Phi_7^{40}\ \Phi_6^{38}\ \Phi_3^{38}\ \Phi_2^{38}\ \Phi_1^{40}$
120278	1640	238	$\frac{1}{34}$	$\frac{33}{238}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{238}^7\ \Phi_{119}^7\ \Phi_{34}^6\ \Phi_{17}^6\ \Phi_{14}^7\ \Phi_7^8\ \Phi_2^6\ \Phi_1^8$
120279	1640	1512	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}^2\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
120280	1640	1547	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1547}\ \Phi_{221}^2\ \Phi_{91}\ \Phi_{13}^2\ \Phi_7\ \Phi_1^2$
120281	1640	1639	$\frac{23}{1639}$	$\frac{247}{1639}$	$\frac{404}{1639}$	$\frac{696}{1639}$	$\Phi_{1639}\ \Phi_{149}\ \Phi_{11}\ \Phi_1^2$
120282	1640	429	$\frac{19}{429}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{429}^4\ \Phi_{143}^4\ \Phi_{39}^4\ \Phi_{33}^2\ \Phi_{13}^4\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
120283	1640	282	$\frac{1}{47}$	$\frac{23}{141}$	$\frac{1}{6}$	$\frac{59}{141}$	$\Phi_{282}^7\ \Phi_{141}^5\ \Phi_{94}^7\ \Phi_{47}^4\ \Phi_6^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
120284	1640	1968	$\frac{1}{41}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{328}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}$
120285	1640	1722	$\frac{1}{42}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{1722}\ \Phi_{861}\ \Phi_{574}\ \Phi_{287}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}$
120286	1640	2870	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{2870}\ \Phi_{574}\ \Phi_{410}\ \Phi_{287}\ \Phi_{82}$
120287	1640	275	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{53}{275}$	$\frac{111}{275}$	$\Phi_{275}^5\ \Phi_{55}^{10}\ \Phi_{25}^5\ \Phi_{11}^9\ \Phi_5^{10}\ \Phi_1^{10}$
120288	1640	1639	$\frac{34}{1639}$	$\frac{245}{1639}$	$\frac{321}{1639}$	$\frac{659}{1639}$	$\Phi_{1639}\ \Phi_{149}\ \Phi_{11}\ \Phi_1^2$
120289	1640	685	$\frac{2}{137}$	$\frac{27}{137}$	$\frac{1}{5}$	$\frac{55}{137}$	$\Phi_{685}^3\ \Phi_5^2$
120290	1640	1639	$\frac{14}{1639}$	$\frac{325}{1639}$	$\frac{491}{1639}$	$\frac{657}{1639}$	$\Phi_{1639}\ \Phi_{149}\ \Phi_{11}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
120291	1640	2463	$\frac{6}{821}$	$\frac{163}{821}$	$\frac{1}{3}$	$\frac{329}{821}$	Φ_{2463}
120292	1640	935	$\frac{3}{85}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{935}^2\ \Phi_{187}^2\ \Phi_{55}$
120293	1640	1639	$\frac{24}{1639}$	$\frac{323}{1639}$	$\frac{329}{1639}$	$\frac{655}{1639}$	$\Phi_{1639}\ \Phi_{149}\ \Phi_{11}\ \Phi_1^2$
120294	1640	1722	$\frac{1}{42}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{1722}\ \Phi_{861}\ \Phi_{574}\ \Phi_{287}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}$
120295	1640	1341	$\frac{1}{149}$	$\frac{299}{1341}$	$\frac{148}{447}$	$\frac{521}{1341}$	$\Phi_{1341}\ \Phi_{447}^2\ \Phi_{149}\ \Phi_9\ \Phi_3^2\ \Phi_1^2$
120296	1640	66	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{8}{33}$	$\frac{25}{66}$	$\Phi_{66}^{40}\ \Phi_{33}^{10}\ \Phi_{22}^{40}\ \Phi_{11}^9\ \Phi_6^{40}\ \Phi_3^{10}\ \Phi_2^{40}\ \Phi_1^{10}$
120297	1640	1639	$\frac{35}{1639}$	$\frac{204}{1639}$	$\frac{401}{1639}$	$\frac{619}{1639}$	$\Phi_{1639}\ \Phi_{149}\ \Phi_{11}\ \Phi_1^2$
120298	1640	1974	$\frac{5}{329}$	$\frac{1}{6}$	$\frac{81}{329}$	$\frac{124}{329}$	$\Phi_{1974}\ \Phi_{987}\ \Phi_{658}\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
120299	1640	298	$\frac{1}{149}$	$\frac{37}{149}$	$\frac{93}{298}$	$\frac{56}{149}$	$\Phi_{298}^8\ \Phi_{149}^3\ \Phi_2^8\ \Phi_1^4$
120300	1640	1320	$\frac{1}{165}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{165}^2\ \Phi_{120}^2\ \Phi_{88}^2\ \Phi_{55}^2\ \Phi_{40}^2\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
120301	1640	872	$\frac{1}{109}$	$\frac{27}{109}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{872}^3\ \Phi_{109}^3\ \Phi_8^4\ \Phi_1^4$
120302	1640	3320	$\frac{1}{83}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3320}\ \Phi_{415}$
120303	1640	2616	$\frac{7}{327}$	$\frac{40}{327}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2616}\ \Phi_{872}\ \Phi_{327}\ \Phi_{109}\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
120304	1640	504	$\frac{1}{42}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^6\ \Phi_{168}^4\ \Phi_{126}^3\ \Phi_{72}^5\ \Phi_{63}^3\ \Phi_{56}^4\ \Phi_{42}^2\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_9^2\ \Phi_8^4\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
120305	1640	618	$\frac{1}{206}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{618}^3\ \Phi_{309}^3\ \Phi_{206}^2\ \Phi_{103}^2\ \Phi_6^3\ \Phi_2^2$
120306	1640	1035	$\frac{2}{207}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1035}^2\ \Phi_{345}^2\ \Phi_{115}^2\ \Phi_{45}^2\ \Phi_{15}$
120307	1640	1227	$\frac{4}{409}$	$\frac{81}{409}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1227}\ \Phi_{409}^2\ \Phi_3^2\ \Phi_1^4$
120308	1640	498	$\frac{1}{83}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{498}^4\ \Phi_{249}^3\ \Phi_{166}^4\ \Phi_{83}^2$
120309	1640	1227	$\frac{9}{409}$	$\frac{40}{409}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1227}\ \Phi_{409}^2\ \Phi_3^2\ \Phi_1^4$
120310	1640	462	$\frac{1}{42}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{11}^2$
120311	1640	1530	$\frac{1}{102}$	$\frac{1}{5}$	$\frac{101}{306}$	$\frac{1}{3}$	$\Phi_{1530}^2\ \Phi_{765}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{15}$
120312	1640	2673	$\frac{2}{81}$	$\frac{1}{11}$	$\frac{79}{243}$	$\frac{1}{3}$	$\Phi_{2673}\ \Phi_{33}$
120313	1640	420	$\frac{1}{21}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^3\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^3\ \Phi_{28}^4\ \Phi_{21}^6\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_7^6\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
120314	1640	2241	$\frac{1}{83}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{2241}\ \Phi_{249}$
120315	1640	3120	$\frac{3}{208}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{240}\ \Phi_{195}\ \Phi_{120}\ \Phi_{15}$
120316	1640	924	$\frac{1}{21}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}\ \Phi_{77}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
120317	1640	4080	$\frac{1}{68}$	$\frac{1}{5}$	$\frac{67}{272}$	$\frac{1}{3}$	$\Phi_{4080}\ \Phi_{2040}\ \Phi_{240}\ \Phi_{120}\ \Phi_{15}$
120318	1640	978	$\frac{3}{163}$	$\frac{1}{6}$	$\frac{40}{163}$	$\frac{1}{3}$	$\Phi_{978}^2\ \Phi_{489}\ \Phi_{326}^2\ \Phi_{163}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
120319	1640	2463	$\frac{17}{821}$	$\frac{124}{821}$	$\frac{201}{821}$	$\frac{1}{3}$	Φ_{2463}
120320	1640	594	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{13}{54}$	$\frac{1}{3}$	$\Phi_{594}^4\ \Phi_{297}^2\ \Phi_{198}^4\ \Phi_{99}^2\ \Phi_{66}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{11}^2$
120321	1640	1881	$\frac{7}{171}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{209}\ \Phi_{33}$
120322	1640	798	$\frac{1}{42}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{114}^2\ \Phi_{57}\ \Phi_{42}^4\ \Phi_{38}^2\ \Phi_{21}^4\ \Phi_{19}^2\ \Phi_{14}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
120323	1640	2463	$\frac{16}{821}$	$\frac{161}{821}$	$\frac{165}{821}$	$\frac{1}{3}$	Φ_{2463}
120324	1640	255	$\frac{1}{51}$	$\frac{10}{51}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{255}^8\ \Phi_{85}^8\ \Phi_{15}^9\ \Phi_5^8$
120325	1640	210	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^{10}\ \Phi_{105}^{10}\ \Phi_{70}^{10}\ \Phi_{35}^{10}\ \Phi_{30}^8\ \Phi_{15}^9\ \Phi_{10}^8\ \Phi_5^8$
120326	1640	3570	$\frac{1}{34}$	$\frac{33}{238}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3570}\ \Phi_{1785}\ \Phi_{210}\ \Phi_{105}\ \Phi_{15}$
120327	1640	2295	$\frac{2}{51}$	$\frac{49}{459}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2295}\ \Phi_{765}\ \Phi_{135}\ \Phi_{45}\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
120328	1640	315	$\frac{1}{21}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{315}^6\ \Phi_{105}^4\ \Phi_{63}^6\ \Phi_{45}^4\ \Phi_{35}^4\ \Phi_{21}^6\ \Phi_{15}^3\ \Phi_9^4\ \Phi_7^6\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
120329	1640	1080	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{15}$
120330	1640	3315	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3315}\ \Phi_{195}\ \Phi_{15}$
120331	1640	1050	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
120332	1640	336	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{336}^6\ \Phi_{168}^4\ \Phi_{112}^6\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{48}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{21}^6\ \Phi_{16}^4\ \Phi_{14}^4$ $\Phi_{12}^3\ \Phi_8^2\ \Phi_7^6\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
120333	1640	2079	$\frac{2}{27}$	$\frac{1}{11}$	$\frac{25}{189}$	$\frac{1}{3}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{231}\ \Phi_{77}\ \Phi_{33}$
120334	1640	495	$\frac{4}{45}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^2\ \Phi_{55}^4\ \Phi_{33}^3\ \Phi_{11}^2$
120335	1640	846	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{95}{423}$	$\frac{46}{141}$	$\Phi_{846}^3\ \Phi_{423}^2\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}\ \Phi_{18}^3\ \Phi_9^2$
120336	1640	966	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{155}{483}$	$\Phi_{966}^2\ \Phi_{483}\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{138}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{42}^3\ \Phi_{23}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2$ $\Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
120337	1640	780	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{19}{60}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{195}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{60}^4\ \Phi_{39}^3\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{13}^3\ \Phi_{12}^4\ \Phi_6^4$ $\Phi_3^4\ \Phi_1^4$
120338	1640	660	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{19}{60}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{165}^4\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{55}\ \Phi_{33}^4$
120339	1640	780	$\frac{1}{20}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{19}{60}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}^3\ \Phi_{52}^2\ \Phi_{39}^3$ $\Phi_{30}^3\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{13}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
120340	1640	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{19}{60}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^7\ \Phi_{45}^{10}\ \Phi_{36}^{10}\ \Phi_{30}^7\ \Phi_{20}^6\ \Phi_{18}^{13}\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}^6\ \Phi_9^{12}$ $\Phi_6^9\ \Phi_5^6\ \Phi_4^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
120341	1640	99	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{17}{99}$	$\frac{31}{99}$	$\Phi_{99}^{15}\ \Phi_{33}^{20}\ \Phi_{11}^{19}\ \Phi_9^{15}\ \Phi_3^{20}\ \Phi_1^{20}$
120342	1640	297	$\frac{7}{99}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{92}{297}$	$\Phi_{297}^8\ \Phi_{33}^2\ \Phi_{27}^8\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
120343	1640	231	$\frac{1}{11}$	$\frac{23}{231}$	$\frac{26}{231}$	$\frac{10}{33}$	$\Phi_{231}^7\ \Phi_{77}^7\ \Phi_{33}^8\ \Phi_{21}^7\ \Phi_{11}^7\ \Phi_7^7\ \Phi_3^8\ \Phi_1^8$
120344	1640	231	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{231}$	$\Phi_{231}^{10}\ \Phi_{33}^{10}\ \Phi_{21}^{10}\ \Phi_{11}^9\ \Phi_3^{10}\ \Phi_1^{10}$
120345	1640	891	$\frac{71}{891}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{28}{99}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{81}^2\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
120346	1640	2214	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{2214}\ \Phi_{1107}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}$
120347	1640	2475	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{14}{75}$	$\frac{61}{225}$	$\Phi_{2475}\ \Phi_{495}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}\ \Phi_{33}$
120348	1640	55	$\frac{3}{55}$	$\frac{1}{11}$	$\frac{13}{55}$	$\frac{14}{55}$	$\Phi_{55}^{30}\ \Phi_{11}^{29}\ \Phi_5^{30}\ \Phi_1^{30}$
120349	1640	572	$\frac{3}{44}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{572}^3\ \Phi_{286}^3\ \Phi_{143}^3\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{13}^3\ \Phi_{11}^4\ \Phi_1^4$
120350	1640	220	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{220}^9\ \Phi_{110}^9\ \Phi_{55}^{10}\ \Phi_{20}^{10}\ \Phi_{10}^{10}\ \Phi_5^{10}$
120351	1640	1716	$\frac{3}{44}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{4}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{286}\ \Phi_{143}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{39}\ \Phi_{33}$ $\Phi_{22}^2\ \Phi_{13}\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
120352	1640	396	$\frac{3}{44}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{396}^5\ \Phi_{198}^5\ \Phi_{132}^3\ \Phi_{99}^5\ \Phi_{66}^3\ \Phi_{44}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{18}^3\ \Phi_{11}^4\ \Phi_9^2\ \Phi_6^2$ $\Phi_3\ \Phi_2^2\ \Phi_1^2$
120353	1640	1026	$\frac{1}{27}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{13}{54}$	$\Phi_{1026}^2\ \Phi_{513}\ \Phi_{342}^2\ \Phi_{171}\ \Phi_{114}^2\ \Phi_{57}\ \Phi_{54}^4\ \Phi_{38}^2\ \Phi_{27}^2\ \Phi_{19}^2\ \Phi_{18}^4$ $\Phi_9^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
120354	1640	270	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{13}{54}$	$\Phi_{270}^7\ \Phi_{135}^8\ \Phi_{90}^7\ \Phi_{45}^8\ \Phi_{30}^8\ \Phi_{15}^9\ \Phi_{10}^8\ \Phi_5^8$
120355	1640	585	$\frac{1}{13}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{3}{13}$	$\Phi_{585}^3\ \Phi_{195}^3\ \Phi_{117}^3\ \Phi_{45}^4\ \Phi_{39}^3\ \Phi_{15}^4\ \Phi_{13}^3\ \Phi_9^4\ \Phi_3^4\ \Phi_1^4$
120356	1640	650	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{3}{13}$	$\Phi_{650}^3\ \Phi_{325}^3\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{13}^3\ \Phi_1^4$
120357	1640	624	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{3}{13}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{48}^4\ \Phi_{39}^3\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{13}^3\ \Phi_{12}^4\ \Phi_6^4$ $\Phi_3^4\ \Phi_1^4$
120358	1640	264	$\frac{1}{11}$	$\frac{7}{66}$	$\frac{5}{33}$	$\frac{59}{264}$	$\Phi_{264}^8\ \Phi_{132}^8\ \Phi_{88}^8\ \Phi_{44}^8\ \Phi_{33}^2\ \Phi_{24}^8\ \Phi_{12}^8\ \Phi_{11}\ \Phi_8^8\ \Phi_4^8\ \Phi_3^2\ \Phi_1^2$
120359	1640	231	$\frac{1}{11}$	$\frac{26}{231}$	$\frac{5}{33}$	$\frac{7}{33}$	$\Phi_{231}^8\ \Phi_{77}^8\ \Phi_{33}^2\ \Phi_{21}^8\ \Phi_{11}\ \Phi_7^8\ \Phi_3^2\ \Phi_1^2$
120360	1640	855	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{171}\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{45}^4\ \Phi_{19}^2\ \Phi_{15}^4\ \Phi_9^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
120361	1640	495	$\frac{4}{45}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^4\ \Phi_{55}\ \Phi_{33}^4$
120362	1640	550	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{5}$	$\Phi_{550}^4\ \Phi_{275}^4\ \Phi_{55}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
120363	1640	585	$\frac{4}{45}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{5}$	$\Phi_{585}^3\ \Phi_{195}^2\ \Phi_{117}^3\ \Phi_{65}^2\ \Phi_{45}^4\ \Phi_{39}^3\ \Phi_{15}^3\ \Phi_{13}^3\ \Phi_9^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
120364	1640	90	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{90}^{21}\ \Phi_{45}^{14}\ \Phi_{30}^{22}\ \Phi_{18}^{24}\ \Phi_{15}^{15}\ \Phi_{10}^{22}\ \Phi_9^{16}\ \Phi_6^{24}\ \Phi_5^{14}\ \Phi_3^{16}\ \Phi_2^{24}\ \Phi_1^{16}$
120365	1640	2640	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{5}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{880}\ \Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{55}$
120366	1640	1950	$\frac{1}{10}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{9}{50}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{325}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{39}\ \Phi_{25}^2\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
120367	1640	450	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{9}{50}$	$\Phi_{450}^5\ \Phi_{225}^5\ \Phi_{150}^3\ \Phi_{75}^3\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
120368	1640	624	$\frac{4}{39}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{7}{39}$	$\Phi_{624}^3\ \Phi_{312}^2\ \Phi_{208}^3\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{48}^4\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{24}^3\ \Phi_{16}^4\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
120369	1640	99	$\frac{1}{11}$	$\frac{14}{99}$	$\frac{5}{33}$	$\frac{17}{99}$	$\Phi_{99}^{16}\ \Phi_{33}^{18}\ \Phi_{11}^{17}\ \Phi_9^{16}\ \Phi_3^{18}\ \Phi_1^{18}$
120370	1640	282	$\frac{5}{47}$	$\frac{6}{47}$	$\frac{7}{47}$	$\frac{1}{6}$	$\Phi_{282}^7\ \Phi_{141}^7\ \Phi_{94}^7\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6$
120371	1640	144	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{6}$	$\Phi_{144}^{15}\ \Phi_{72}^{10}\ \Phi_{48}^{10}\ \Phi_{36}^{10}\ \Phi_{24}^7\ \Phi_{18}^{13}\ \Phi_{16}^{10}\ \Phi_{12}^7\ \Phi_9^{12}\ \Phi_8^6\ \Phi_6^9\ \Phi_4^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
120372	1641	2624	$\frac{1}{328}$	$\frac{329}{1312}$	$\frac{983}{2624}$	$\frac{327}{656}$	$\Phi_{2624}\ \Phi_{656}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
120373	1641	2192	$\frac{3}{548}$	$\frac{1}{4}$	$\frac{551}{2192}$	$\frac{545}{1096}$	$\Phi_{2192}\ \Phi_{548}\ \Phi_{274}\ \Phi_{137}\ \Phi_{16}\ \Phi_1$
120374	1641	1088	$\frac{3}{544}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{541}{1088}$	$\Phi_{1088}^3\ \Phi_{64}^3\ \Phi_{16}\ \Phi_1$
120375	1641	1088	$\frac{3}{544}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{541}{1088}$	$\Phi_{1088}^3\ \Phi_{64}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
120376	1641	1080	$\frac{7}{540}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{533}{1080}$	$\Phi_{1080}^3\ \Phi_{360}^3\ \Phi_{216}^3\ \Phi_{120}^3\ \Phi_{72}^3\ \Phi_{40}^3\ \Phi_{24}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
120377	1641	2200	$\frac{9}{550}$	$\frac{1}{10}$	$\frac{559}{2200}$	$\frac{541}{1100}$	$\Phi_{2200}\ \Phi_{550}\ \Phi_{440}\ \Phi_{275}\ \Phi_{200}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
120378	1641	1880	$\frac{4}{235}$	$\frac{239}{1880}$	$\frac{1}{5}$	$\frac{231}{470}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{376}\ \Phi_{235}\ \Phi_{188}\ \Phi_{47}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
120379	1641	3220	$\frac{31}{1610}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1579}{3220}$	$\Phi_{3220}\ \Phi_{644}\ \Phi_{460}\ \Phi_{140}\ \Phi_{92}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_4\ \Phi_1$
120380	1641	3200	$\frac{1}{40}$	$\frac{41}{1600}$	$\frac{1559}{3200}$	$\frac{39}{80}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{128}\ \Phi_{80}\ \Phi_{16}\ \Phi_1$
120381	1641	800	$\frac{1}{40}$	$\frac{41}{800}$	$\frac{253}{800}$	$\frac{39}{80}$	$\Phi_{800}^2\ \Phi_{400}^2\ \Phi_{200}^2\ \Phi_{160}^2\ \Phi_{100}^2\ \Phi_{80}^3\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
120382	1641	1760	$\frac{1}{40}$	$\frac{119}{1760}$	$\frac{41}{160}$	$\frac{39}{80}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
120383	1641	2000	$\frac{1}{40}$	$\frac{41}{400}$	$\frac{359}{2000}$	$\frac{39}{80}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{80}\ \Phi_{16}\ \Phi_1$
120384	1641	640	$\frac{1}{40}$	$\frac{41}{320}$	$\frac{93}{640}$	$\frac{39}{80}$	$\Phi_{640}^3\ \Phi_{320}^2\ \Phi_{160}^2\ \Phi_{128}^3\ \Phi_{80}^3\ \Phi_{64}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
120385	1641	3200	$\frac{41}{1600}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1559}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{128}\ \Phi_{50}\ \Phi_{25}\ \Phi_1$
120386	1641	660	$\frac{3}{110}$	$\frac{1}{10}$	$\frac{113}{660}$	$\frac{107}{220}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{110}^3\ \Phi_{66}^3\ \Phi_{60}^3\ \Phi_{55}^3\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{22}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
120387	1641	1040	$\frac{1}{40}$	$\frac{27}{520}$	$\frac{13}{40}$	$\frac{493}{1040}$	$\Phi_{1040}^3\ \Phi_{208}^3\ \Phi_{80}^3\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
120388	1641	600	$\frac{3}{50}$	$\frac{53}{600}$	$\frac{1}{10}$	$\frac{47}{100}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{25}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_6^3\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
120389	1641	3080	$\frac{101}{1540}$	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1439}{3080}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{110}\ \Phi_{88}\ \Phi_{56}\ \Phi_{55}\ \Phi_{40}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
120390	1641	2240	$\frac{1}{40}$	$\frac{39}{560}$	$\frac{599}{2240}$	$\frac{521}{1120}$	$\Phi_{2240}\ \Phi_{560}\ \Phi_{448}\ \Phi_{320}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{64}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
120391	1641	1760	$\frac{119}{1760}$	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{220}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
120392	1641	1000	$\frac{3}{50}$	$\frac{47}{500}$	$\frac{1}{10}$	$\frac{453}{1000}$	$\Phi_{1000}^3\ \Phi_{200}^3\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{25}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
120393	1641	984	$\frac{1}{82}$	$\frac{55}{492}$	$\frac{27}{82}$	$\frac{437}{984}$	$\Phi_{984}^3\ \Phi_{328}^3\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{24}^3\ \Phi_8^3\ \Phi_2^2\ \Phi_1^3$
120394	1641	560	$\frac{13}{560}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
120395	1641	816	$\frac{3}{272}$	$\frac{1}{8}$	$\frac{269}{816}$	$\frac{7}{16}$	$\Phi_{816}^3\ \Phi_{408}^3\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
120396	1641	1664	$\frac{23}{1664}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{128}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
120397	1641	2176	$\frac{9}{544}$	$\frac{1}{8}$	$\frac{535}{2176}$	$\frac{7}{16}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
120398	1641	560	$\frac{13}{560}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{16}\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_7^3\ \Phi_5^3\ \Phi_1$
120399	1641	1904	$\frac{9}{272}$	$\frac{1}{8}$	$\frac{263}{1904}$	$\frac{7}{16}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{119}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
120400	1641	576	$\frac{29}{576}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
120401	1641	960	$\frac{1}{40}$	$\frac{67}{480}$	$\frac{13}{80}$	$\frac{413}{960}$	$\Phi_{960}^3\ \Phi_{320}^3\ \Phi_{192}^3\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
120402	1641	2296	$\frac{1}{82}$	$\frac{81}{574}$	$\frac{655}{2296}$	$\frac{493}{1148}$	$\Phi_{2296}\ \Phi_{574}\ \Phi_{328}\ \Phi_{287}\ \Phi_{56}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
120403	1641	640	$\frac{1}{40}$	$\frac{93}{640}$	$\frac{13}{80}$	$\frac{67}{160}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{128}^3\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
120404	1641	940	$\frac{4}{235}$	$\frac{77}{470}$	$\frac{1}{5}$	$\frac{393}{940}$	$\Phi_{940}^3\ \Phi_{235}\ \Phi_{188}^3\ \Phi_{47}\ \Phi_{20}^3\ \Phi_4^3\ \Phi_1$
120405	1641	2800	$\frac{1}{40}$	$\frac{39}{280}$	$\frac{241}{1400}$	$\frac{1159}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
120406	1641	1700	$\frac{59}{1700}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{425}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{50}\ \Phi_{34}\ \Phi_{25}\ \Phi_{17}\ \Phi_1$
120407	1641	880	$\frac{3}{110}$	$\frac{1}{10}$	$\frac{107}{440}$	$\frac{333}{880}$	$\Phi_{880}^3\ \Phi_{176}^3\ \Phi_{110}^3\ \Phi_{80}^3\ \Phi_{55}^3\ \Phi_{22}^3\ \Phi_{16}^3\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
120408	1641	552	$\frac{5}{552}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{552}^3\ \Phi_{276}^3\ \Phi_{184}^3\ \Phi_{138}^3\ \Phi_{92}^3\ \Phi_{69}^3\ \Phi_{46}^3\ \Phi_{24}^3\ \Phi_{23}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
120409	1641	560	$\frac{13}{560}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
120410	1641	656	$\frac{1}{82}$	$\frac{109}{656}$	$\frac{27}{82}$	$\frac{55}{164}$	$\Phi_{656}^3\ \Phi_{328}^3\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_2^2\ \Phi_1^3$
120411	1641	1644	$\frac{1}{137}$	$\frac{1}{4}$	$\frac{136}{411}$	$\frac{275}{822}$	$\Phi_{1644}\ \Phi_{548}^2\ \Phi_{411}\ \Phi_{274}\ \Phi_{137}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
120412	1641	820	$\frac{1}{205}$	$\frac{68}{205}$	$\frac{273}{820}$	$\frac{137}{410}$	$\Phi_{820}^3\ \Phi_{205}^2\ \Phi_{164}^3\ \Phi_{41}^2\ \Phi_{20}^3\ \Phi_5^2\ \Phi_4^3\ \Phi_1^3$
120413	1641	816	$\frac{3}{272}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{269}{816}$	$\Phi_{816}^3\ \Phi_{408}^3\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
120414	1641	738	$\frac{1}{82}$	$\frac{55}{246}$	$\frac{191}{738}$	$\frac{27}{82}$	$\Phi_{738}^3\ \Phi_{369}^3\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{18}^3\ \Phi_9^3\ \Phi_2^2\ \Phi_1^3$
120415	1641	705	$\frac{4}{235}$	$\frac{1}{5}$	$\frac{158}{705}$	$\frac{77}{235}$	$\Phi_{705}^3\ \Phi_{235}\ \Phi_{141}^3\ \Phi_{47}\ \Phi_{15}^3\ \Phi_3^3\ \Phi_1$
120416	1641	810	$\frac{7}{270}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{263}{810}$	$\Phi_{810}^3\ \Phi_{405}^3\ \Phi_{162}^3\ \Phi_{81}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
120417	1641	805	$\frac{31}{805}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{258}{805}$	$\Phi_{805}^2\ \Phi_{161}^2\ \Phi_{115}^2\ \Phi_{35}^3\ \Phi_{23}^2\ \Phi_7^3\ \Phi_5^2\ \Phi_1^3$
120418	1641	800	$\frac{41}{800}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{253}{800}$	$\Phi_{800}^2\ \Phi_{400}^2\ \Phi_{200}^2\ \Phi_{160}^2\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{50}^3\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
120419	1641	720	$\frac{7}{180}$	$\frac{1}{10}$	$\frac{173}{720}$	$\frac{3}{10}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{144}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
120420	1641	570	$\frac{23}{570}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{570}^3\ \Phi_{285}^3\ \Phi_{190}^3\ \Phi_{114}^3\ \Phi_{95}^3\ \Phi_{57}^3\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
120421	1641	630	$\frac{7}{90}$	$\frac{1}{10}$	$\frac{83}{630}$	$\frac{3}{10}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{126}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
120422	1641	600	$\frac{53}{600}$	$\frac{1}{10}$	$\frac{7}{60}$	$\frac{3}{10}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{25}^3\ \Phi_{24}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
120423	1641	770	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{770}$	$\frac{223}{770}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{110}^3\ \Phi_{77}^2\ \Phi_{70}^2\ \Phi_{55}^3\ \Phi_{35}^2\ \Phi_{22}^3\ \Phi_{14}^2\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
120424	1641	720	$\frac{1}{40}$	$\frac{13}{80}$	$\frac{173}{720}$	$\frac{67}{240}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{72}^3\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
120425	1641	750	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{47}{250}$	$\frac{203}{750}$	$\Phi_{750}^3\ \Phi_{375}^3\ \Phi_{150}^3\ \Phi_{75}^3\ \Phi_{50}^3\ \Phi_{30}^3\ \Phi_{25}^3\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
120426	1641	680	$\frac{3}{136}$	$\frac{133}{680}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{680}^3\ \Phi_{340}^3\ \Phi_{170}^3\ \Phi_{85}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
120427	1641	560	$\frac{13}{560}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_7^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
120428	1641	612	$\frac{3}{68}$	$\frac{65}{612}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{204}^3\ \Phi_{153}^3\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
120429	1641	576	$\frac{29}{576}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
120430	1641	600	$\frac{53}{600}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{200}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^2\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^2\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^3\ \Phi_{40}^2\ \Phi_{30}^3\ \Phi_{25}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
120431	1641	2000	$\frac{1}{10}$	$\frac{41}{400}$	$\frac{359}{2000}$	$\frac{9}{50}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{50}\ \Phi_{25}\ \Phi_1$
120432	1642	1638	$\frac{2}{819}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{817}{1638}$	$\Phi_{1638}^2\ \Phi_{546}^2\ \Phi_{234}^2\ \Phi_{182}^2\ \Phi_{126}^2\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
120433	1642	3288	$\frac{1}{274}$	$\frac{275}{1096}$	$\frac{1}{3}$	$\frac{273}{548}$	$\Phi_{3288}\ \Phi_{822}\ \Phi_{411}\ \Phi_{24}\ \Phi_6$
120434	1642	1632	$\frac{5}{816}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{811}{1632}$	$\Phi_{1632}^2\ \Phi_{544}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
120435	1642	828	$\frac{7}{828}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}^2\ \Phi_{207}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{36}^2\ \Phi_{23}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
120436	1642	4110	$\frac{1}{137}$	$\frac{136}{685}$	$\frac{1}{3}$	$\frac{549}{1370}$	$\Phi_{4110}\ \Phi_{822}\ \Phi_{411}\ \Phi_{30}\ \Phi_6$
120437	1642	1233	$\frac{2}{411}$	$\frac{409}{1233}$	$\frac{1}{3}$	$\frac{412}{1233}$	$\Phi_{1233}\ \Phi_{411}^2\ \Phi_{137}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
120438	1642	1092	$\frac{2}{273}$	$\frac{271}{1092}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{156}^2\ \Phi_{84}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
120439	1642	828	$\frac{7}{828}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}^2\ \Phi_{207}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{36}^2\ \Phi_{23}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
120440	1642	936	$\frac{2}{117}$	$\frac{115}{936}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
120441	1642	840	$\frac{19}{840}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
120442	1642	882	$\frac{2}{63}$	$\frac{61}{882}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{294}^2\ \Phi_{147}^2\ \Phi_{126}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
120443	1642	858	$\frac{37}{858}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{78}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
120444	1642	1224	$\frac{5}{408}$	$\frac{1}{6}$	$\frac{403}{1224}$	$\frac{1}{3}$	$\Phi_{1224}^2\ \Phi_{612}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
120445	1642	840	$\frac{19}{840}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
120446	1642	1020	$\frac{5}{204}$	$\frac{1}{6}$	$\frac{199}{1020}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
120447	1642	918	$\frac{5}{102}$	$\frac{97}{918}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
120448	1642	864	$\frac{43}{864}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
120449	1643	1560	$\frac{1}{52}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{51}{104}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}^2\ \Phi_{120}^2\ \Phi_{104}^3\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
120450	1643	3432	$\frac{1}{52}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{264}\ \Phi_{104}\ \Phi_{88}\ \Phi_{33}\ \Phi_{11}\ \Phi_8\ \Phi_1$
120451	1643	4680	$\frac{1}{52}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{51}{104}$	$\Phi_{4680}\ \Phi_{936}\ \Phi_{360}\ \Phi_{104}\ \Phi_{72}\ \Phi_{45}\ \Phi_9\ \Phi_8\ \Phi_1$
120452	1643	520	$\frac{1}{52}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{51}{104}$	$\Phi_{520}^2\ \Phi_{260}^4\ \Phi_{130}^4\ \Phi_{104}^3\ \Phi_{65}^4\ \Phi_{52}^4\ \Phi_{40}^3\ \Phi_{26}^4\ \Phi_{20}^5\ \Phi_{13}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
120453	1643	3640	$\frac{1}{52}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{51}{104}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{280}\ \Phi_{104}\ \Phi_{56}\ \Phi_{35}\ \Phi_8\ \Phi_7\ \Phi_1$
120454	1643	936	$\frac{1}{52}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{51}{104}$	$\Phi_{936}^4\ \Phi_{312}^2\ \Phi_{104}^3\ \Phi_{72}^4\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8^3\ \Phi_4\ \Phi_1$
120455	1643	780	$\frac{1}{30}$	$\frac{1}{26}$	$\frac{25}{78}$	$\frac{29}{60}$	$\Phi_{780}^4\ \Phi_{260}^4\ \Phi_{156}^4\ \Phi_{78}\ \Phi_{60}^5\ \Phi_{52}^4\ \Phi_{39}\ \Phi_{20}^5\ \Phi_{12}^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
120456	1643	840	$\frac{1}{30}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{14}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_7^3\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
120457	1643	780	$\frac{1}{30}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{29}{60}$	$\Phi_{780}^4\ \Phi_{260}^4\ \Phi_{156}^4\ \Phi_{65}\ \Phi_{60}^5\ \Phi_{52}^4\ \Phi_{20}^5\ \Phi_{12}^5\ \Phi_5\ \Phi_4^5\ \Phi_1$
120458	1643	1632	$\frac{1}{32}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{96}^2\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}^2$ $\Phi_{32}\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
120459	1643	288	$\frac{1}{32}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{288}^6\ \Phi_{144}^6\ \Phi_{96}^6\ \Phi_{72}^5\ \Phi_{48}^6\ \Phi_{36}^6\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{12}^6\ \Phi_9^5$ $\Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
120460	1643	96	$\frac{1}{32}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{96}^{17}\ \Phi_{48}^{18}\ \Phi_{32}^{16}\ \Phi_{24}^{18}\ \Phi_{16}^{17}\ \Phi_{12}^{18}\ \Phi_8^{17}\ \Phi_6^{17}\ \Phi_4^{17}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{17}$
120461	1643	1512	$\frac{1}{54}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{1512}^2\ \Phi_{504}^2\ \Phi_{216}^2\ \Phi_{168}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{56}\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{24}^2$ $\Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
120462	1643	480	$\frac{1}{32}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^2\ \Phi_{80}^4\ \Phi_{60}^3\ \Phi_{48}^2\ \Phi_{40}^4\ \Phi_{32}\ \Phi_{30}^3\ \Phi_{24}^2$ $\Phi_{20}^3\ \Phi_{16}\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
120463	1643	1440	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}^2\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}^2\ \Phi_{120}$ $\Phi_{96}^2\ \Phi_{80}\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}$ $\Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
120464	1643	432	$\frac{1}{54}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{432}^6\ \Phi_{216}^2\ \Phi_{144}^6\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}\ \Phi_{48}^5\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{16}^5$ $\Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
120465	1643	858	$\frac{1}{26}$	$\frac{2}{33}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{78}\ \Phi_{66}^2\ \Phi_{39}\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{11}^3\ \Phi_6\ \Phi_3$ Φ_1
120466	1643	1848	$\frac{3}{56}$	$\frac{2}{33}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}$ $\Phi_{33}\ \Phi_{28}\ \Phi_{14}\ \Phi_{11}\ \Phi_8\ \Phi_7\ \Phi_1$
120467	1643	2145	$\frac{2}{33}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{165}\ \Phi_{65}\ \Phi_{55}\ \Phi_{33}\ \Phi_{11}\ \Phi_5\ \Phi_1$
120468	1643	1170	$\frac{1}{26}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{25}{78}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{90}^2\ \Phi_{78}\ \Phi_{45}^3\ \Phi_{39}\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6\ \Phi_3$ Φ_1
120469	1643	1560	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{25}{78}$	$\Phi_{1560}^2\ \Phi_{780}^2\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{120}^2\ \Phi_{78}\ \Phi_{60}^2\ \Phi_{40}\ \Phi_{39}\ \Phi_{24}^2\ \Phi_{20}$ $\Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
120470	1643	2730	$\frac{1}{26}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{25}{78}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{273}\ \Phi_{210}\ \Phi_{105}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{35}\ \Phi_{21}$ $\Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
120471	1643	468	$\frac{1}{26}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{25}{78}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^4\ \Phi_{117}^4\ \Phi_{78}\ \Phi_{52}^4\ \Phi_{39}\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6$ $\Phi_4^5\ \Phi_3\ \Phi_1$
120472	1643	2520	$\frac{3}{56}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}$ $\Phi_{56}\ \Phi_{45}\ \Phi_{28}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
120473	1643	585	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{14}{45}$	$\Phi_{585}^4\ \Phi_{117}^4\ \Phi_{65}\ \Phi_{45}^5\ \Phi_9^5\ \Phi_5\ \Phi_1$
120474	1643	288	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{288}^8\ \Phi_{144}^8\ \Phi_{96}^2\ \Phi_{72}^7\ \Phi_{48}^2\ \Phi_{36}^7\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{18}^7\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9^7$ $\Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
120475	1643	280	$\frac{3}{56}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{56}^7\ \Phi_{40}^3\ \Phi_{35}^6\ \Phi_{28}^7\ \Phi_{20}^5\ \Phi_{14}^7\ \Phi_{10}^4\ \Phi_8^4\ \Phi_7^7\ \Phi_5^4$ $\Phi_4^5\ \Phi_2^4\ \Phi_1^5$
120476	1643	280	$\frac{3}{56}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{280}^6\ \Phi_{140}^5\ \Phi_{70}^5\ \Phi_{56}^7\ \Phi_{40}^6\ \Phi_{35}^6\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_8^7\ \Phi_7^7\ \Phi_5^6$ $\Phi_4^6\ \Phi_2^6\ \Phi_1^7$
120477	1643	504	$\frac{3}{56}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^2\ \Phi_{126}^4\ \Phi_{84}^2\ \Phi_{72}^4\ \Phi_{63}^4\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^3\ \Phi_{24}^2$ $\Phi_{21}^2\ \Phi_{18}\ \Phi_{14}^3\ \Phi_{12}\ \Phi_9\ \Phi_8^3\ \Phi_7^3\ \Phi_4\ \Phi_1$
120478	1643	520	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{12}{65}$	$\frac{9}{40}$	$\Phi_{520}^4\ \Phi_{260}^4\ \Phi_{104}^4\ \Phi_{65}\ \Phi_{52}^4\ \Phi_{40}^5\ \Phi_{20}^5\ \Phi_8^5\ \Phi_5\ \Phi_4^5\ \Phi_1$
120479	1643	455	$\frac{1}{13}$	$\frac{4}{35}$	$\frac{12}{65}$	$\frac{1}{5}$	$\Phi_{455}^4\ \Phi_{91}^4\ \Phi_{65}\ \Phi_{35}^5\ \Phi_7^5\ \Phi_5\ \Phi_1$
120480	1643	2340	$\frac{1}{13}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{12}{65}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{260}\ \Phi_{180}\ \Phi_{90}\ \Phi_{65}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}$ $\Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
120481	1644	2460	$\frac{1}{410}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{409}{820}$	$\Phi_{2460}\ \Phi_{820}^2\ \Phi_{492}\ \Phi_{164}^2\ \Phi_{60}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
120482	1644	1365	$\frac{1}{273}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{136}{273}$	$\Phi_{1365}\ \Phi_{455}\ \Phi_{273}^2\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}^2\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{15}$ $\Phi_{13}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
120483	1644	1092	$\frac{1}{273}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{136}{273}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{156}^2\ \Phi_{84}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{26}^2$ $\Phi_{14}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
120484	1644	1643	$\frac{7}{1643}$	$\frac{275}{1643}$	$\frac{684}{1643}$	$\frac{818}{1643}$	$\Phi_{1643}\ \Phi_{53}\ \Phi_{31}\ \Phi_1^2$
120485	1644	732	$\frac{1}{183}$	$\frac{1}{4}$	$\frac{46}{183}$	$\frac{91}{183}$	$\Phi_{732}^3\ \Phi_{366}^3\ \Phi_{244}^3\ \Phi_{122}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
120486	1644	1643	$\frac{9}{1643}$	$\frac{410}{1643}$	$\frac{413}{1643}$	$\frac{817}{1643}$	$\Phi_{1643}\ \Phi_{53}\ \Phi_{31}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
120487	1644	2469	$\frac{5}{823}$	$\frac{138}{823}$	$\frac{1}{3}$	$\frac{409}{823}$	Φ_{2469}
120488	1644	2992	$\frac{1}{136}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{135}{272}$	$\Phi_{2992}\ \Phi_{272}^2\ \Phi_{176}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_1^2$
120489	1644	5712	$\frac{1}{136}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{135}{272}$	$\Phi_{5712}\ \Phi_{336}\ \Phi_{21}$
120490	1644	2992	$\frac{1}{136}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{135}{272}$	$\Phi_{2992}\ \Phi_{272}^2\ \Phi_{176}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_1^2$
120491	1644	1360	$\frac{1}{136}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{135}{272}$	$\Phi_{1360}^3\ \Phi_{80}^3\ \Phi_{20}\ \Phi_{10}$
120492	1644	3510	$\frac{2}{135}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{133}{270}$	$\Phi_{3510}\ \Phi_{1170}\ \Phi_{702}\ \Phi_{390}\ \Phi_{234}\ \Phi_{130}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
120493	1644	540	$\frac{2}{135}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{133}{270}$	$\Phi_{540}^4\ \Phi_{180}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{36}^5\ \Phi_{27}^4\ \Phi_{20}^4\ \Phi_{18}\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_9^4\ \Phi_6\ \Phi_5^4\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
120494	1644	1890	$\frac{2}{135}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{133}{270}$	$\Phi_{1890}^2\ \Phi_{630}^2\ \Phi_{378}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{14}^2$
120495	1644	1220	$\frac{1}{61}$	$\frac{31}{305}$	$\frac{1}{4}$	$\frac{30}{61}$	$\Phi_{1220}^2\ \Phi_{610}^2\ \Phi_{244}\ \Phi_{122}\ \Phi_{20}^2\ \Phi_{10}^2$
120496	1644	1155	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{28}{165}$	$\frac{27}{55}$	$\Phi_{1155}^2\ \Phi_{385}\ \Phi_{231}^2\ \Phi_{105}^2\ \Phi_{77}\ \Phi_{35}\ \Phi_{21}^2$
120497	1644	265	$\frac{1}{53}$	$\frac{9}{265}$	$\frac{128}{265}$	$\frac{26}{53}$	$\Phi_{265}^6\ \Phi_{53}^7\ \Phi_5^6\ \Phi_1^8$
120498	1644	530	$\frac{1}{53}$	$\frac{27}{265}$	$\frac{119}{530}$	$\frac{26}{53}$	$\Phi_{530}^4\ \Phi_{265}^2\ \Phi_{106}^4\ \Phi_{53}^3\ \Phi_{10}^4\ \Phi_5^2\ \Phi_2^4\ \Phi_1^4$
120499	1644	159	$\frac{1}{53}$	$\frac{22}{159}$	$\frac{9}{53}$	$\frac{26}{53}$	$\Phi_{159}^{12}\ \Phi_{53}^7\ \Phi_3^{12}\ \Phi_1^8$
120500	1644	806	$\frac{8}{403}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{395}{806}$	$\Phi_{806}^4\ \Phi_{62}^4\ \Phi_{31}\ \Phi_{26}^4\ \Phi_2^4\ \Phi_1^2$
120501	1644	806	$\frac{8}{403}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{395}{806}$	$\Phi_{806}^4\ \Phi_{62}^4\ \Phi_{31}\ \Phi_{26}^4\ \Phi_2^4\ \Phi_1^2$
120502	1644	2392	$\frac{1}{46}$	$\frac{1}{13}$	$\frac{47}{184}$	$\frac{45}{92}$	$\Phi_{2392}\ \Phi_{598}\ \Phi_{299}\ \Phi_{104}\ \Phi_{26}$
120503	1644	403	$\frac{1}{31}$	$\frac{16}{403}$	$\frac{129}{403}$	$\frac{15}{31}$	$\Phi_{403}^4\ \Phi_{31}^5\ \Phi_{13}^4\ \Phi_1^6$
120504	1644	434	$\frac{1}{31}$	$\frac{23}{434}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{434}^4\ \Phi_{217}^4\ \Phi_{62}^4\ \Phi_{31}\ \Phi_{14}^4\ \Phi_7^4\ \Phi_2^4\ \Phi_1^2$
120505	1644	265	$\frac{9}{265}$	$\frac{2}{53}$	$\frac{17}{53}$	$\frac{128}{265}$	$\Phi_{265}^6\ \Phi_{53}^7\ \Phi_5^6\ \Phi_1^8$
120506	1644	265	$\frac{9}{265}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{128}{265}$	$\Phi_{265}^6\ \Phi_{53}^7\ \Phi_5^6\ \Phi_1^8$
120507	1644	3432	$\frac{5}{132}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{127}{264}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{104}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
120508	1644	1848	$\frac{5}{132}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{127}{264}$	$\Phi_{1848}^2\ \Phi_{616}^2\ \Phi_{168}^2\ \Phi_{77}\ \Phi_{56}^2$
120509	1644	527	$\frac{1}{31}$	$\frac{21}{527}$	$\frac{10}{31}$	$\frac{253}{527}$	$\Phi_{527}^3\ \Phi_{31}^5\ \Phi_{17}^3\ \Phi_1^6$
120510	1644	1050	$\frac{1}{25}$	$\frac{13}{150}$	$\frac{1}{7}$	$\frac{12}{25}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{14}^2$
120511	1644	186	$\frac{1}{31}$	$\frac{5}{93}$	$\frac{49}{186}$	$\frac{44}{93}$	$\Phi_{186}^{12}\ \Phi_{93}^6\ \Phi_{62}^{12}\ \Phi_{31}^5\ \Phi_6^{12}\ \Phi_3^6\ \Phi_2^{12}\ \Phi_1^6$
120512	1644	424	$\frac{13}{424}$	$\frac{3}{53}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{424}^4\ \Phi_{212}^4\ \Phi_{106}^4\ \Phi_{53}^3\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
120513	1644	2244	$\frac{1}{68}$	$\frac{1}{11}$	$\frac{67}{204}$	$\frac{5}{11}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{561}\ \Phi_{204}^2\ \Phi_{132}\ \Phi_{102}^2\ \Phi_{66}\ \Phi_{51}^2\ \Phi_{33}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
120514	1644	1540	$\frac{3}{140}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{140}^2\ \Phi_{110}\ \Phi_{77}\ \Phi_{70}^2\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^2$
120515	1644	1870	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{33}{170}$	$\frac{5}{11}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{170}^2\ \Phi_{110}\ \Phi_{85}^2\ \Phi_{55}\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
120516	1644	1001	$\frac{6}{143}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{1001}^2\ \Phi_{91}^2\ \Phi_{77}$
120517	1644	1584	$\frac{7}{144}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}^2\ \Phi_{132}\ \Phi_{99}\ \Phi_{72}^2\ \Phi_{66}\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
120518	1644	1683	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{16}{153}$	$\frac{5}{11}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{153}^2\ \Phi_{99}\ \Phi_{51}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
120519	1644	1750	$\frac{1}{25}$	$\frac{12}{125}$	$\frac{1}{7}$	$\frac{113}{250}$	$\Phi_{1750}^2\ \Phi_{350}^2\ \Phi_{175}\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{14}^2$
120520	1644	248	$\frac{1}{31}$	$\frac{13}{124}$	$\frac{5}{31}$	$\frac{111}{248}$	$\Phi_{248}^{12}\ \Phi_{31}^5\ \Phi_8^{12}\ \Phi_1^6$
120521	1644	742	$\frac{1}{53}$	$\frac{40}{371}$	$\frac{13}{53}$	$\frac{331}{742}$	$\Phi_{742}^4\ \Phi_{106}^4\ \Phi_{53}^3\ \Phi_{14}^4\ \Phi_2^4\ \Phi_1^4$
120522	1644	1116	$\frac{5}{279}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{372}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
120523	1644	244	$\frac{1}{61}$	$\frac{15}{122}$	$\frac{1}{4}$	$\frac{107}{244}$	$\Phi_{244}^5\ \Phi_{122}^9\ \Phi_{61}^8\ \Phi_4^4\ \Phi_2^8\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
120524	1644	155	$\frac{1}{31}$	$\frac{18}{155}$	$\frac{5}{31}$	$\frac{13}{31}$	$\Phi_{155}^{12}\ \Phi_{31}^{5}\ \Phi_{5}^{12}\ \Phi_{1}^{6}$
120525	1644	1872	$\frac{7}{144}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
120526	1644	465	$\frac{1}{31}$	$\frac{10}{93}$	$\frac{83}{465}$	$\frac{191}{465}$	$\Phi_{465}^{3}\ \Phi_{155}^{3}\ \Phi_{93}^{6}\ \Phi_{31}^{5}\ \Phi_{15}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
120527	1644	2990	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{22}{115}$	$\frac{93}{230}$	$\Phi_{2990}\ \Phi_{598}\ \Phi_{299}\ \Phi_{130}\ \Phi_{26}$
120528	1644	690	$\frac{1}{138}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{690}^{2}\ \Phi_{345}^{2}\ \Phi_{230}^{2}\ \Phi_{138}^{4}\ \Phi_{115}^{2}\ \Phi_{69}^{4}\ \Phi_{46}^{4}\ \Phi_{30}^{2}\ \Phi_{23}^{4}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
120529	1644	910	$\frac{1}{91}$	$\frac{1}{5}$	$\frac{45}{182}$	$\frac{2}{5}$	$\Phi_{910}^{2}\ \Phi_{455}\ \Phi_{182}^{4}\ \Phi_{130}^{2}\ \Phi_{91}^{2}\ \Phi_{70}^{2}\ \Phi_{65}\ \Phi_{35}\ \Phi_{26}^{4}\ \Phi_{14}^{4}\ \Phi_{13}^{2}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
120530	1644	140	$\frac{3}{140}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{140}^{12}\ \Phi_{70}^{12}\ \Phi_{35}^{11}\ \Phi_{28}^{12}\ \Phi_{20}^{12}\ \Phi_{14}^{12}\ \Phi_{10}^{12}\ \Phi_{7}^{10}\ \Phi_{5}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
120531	1644	780	$\frac{1}{39}$	$\frac{19}{156}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}\ \Phi_{156}^{4}\ \Phi_{130}^{2}\ \Phi_{78}^{4}\ \Phi_{65}\ \Phi_{60}^{2}\ \Phi_{52}^{4}\ \Phi_{39}^{2}\ \Phi_{30}^{2}\ \Phi_{26}^{4}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{13}^{2}\ \Phi_{12}^{4}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
120532	1644	715	$\frac{6}{143}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{715}^{2}\ \Phi_{143}^{4}\ \Phi_{65}\ \Phi_{55}^{2}\ \Phi_{13}^{2}\ \Phi_{11}^{4}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
120533	1644	735	$\frac{1}{21}$	$\frac{10}{147}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{735}^{2}\ \Phi_{245}^{2}\ \Phi_{147}^{4}\ \Phi_{105}\ \Phi_{49}^{4}\ \Phi_{35}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
120534	1644	1794	$\frac{1}{138}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1794}\ \Phi_{897}\ \Phi_{598}\ \Phi_{299}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
120535	1644	1540	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{27}{110}$	$\frac{83}{220}$	$\Phi_{1540}^{2}\ \Phi_{385}\ \Phi_{308}^{2}\ \Phi_{140}^{2}\ \Phi_{77}\ \Phi_{35}\ \Phi_{28}^{2}$
120536	1644	2080	$\frac{5}{416}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{160}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{20}\ \Phi_{10}$
120537	1644	279	$\frac{5}{279}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{279}^{6}\ \Phi_{93}^{6}\ \Phi_{31}^{5}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
120538	1644	212	$\frac{1}{53}$	$\frac{13}{106}$	$\frac{31}{106}$	$\frac{75}{212}$	$\Phi_{212}^{12}\ \Phi_{106}^{4}\ \Phi_{53}^{3}\ \Phi_{4}^{12}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
120539	1644	1030	$\frac{1}{103}$	$\frac{1}{5}$	$\frac{34}{103}$	$\frac{69}{206}$	$\Phi_{1030}^{3}\ \Phi_{515}\ \Phi_{10}^{3}$
120540	1644	1643	$\frac{8}{1643}$	$\frac{545}{1643}$	$\frac{547}{1643}$	$\frac{549}{1643}$	$\Phi_{1643}\ \Phi_{53}\ \Phi_{31}\ \Phi_{1}^{2}$
120541	1644	2469	$\frac{4}{823}$	$\frac{273}{823}$	$\frac{1}{3}$	$\frac{275}{823}$	Φ_{2469}
120542	1644	615	$\frac{1}{205}$	$\frac{68}{205}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{615}^{2}\ \Phi_{205}^{4}\ \Phi_{123}^{2}\ \Phi_{41}^{4}\ \Phi_{15}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
120543	1644	276	$\frac{1}{138}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{276}^{8}\ \Phi_{138}^{4}\ \Phi_{92}^{8}\ \Phi_{69}^{4}\ \Phi_{46}^{4}\ \Phi_{23}^{4}\ \Phi_{12}^{7}\ \Phi_{6}^{3}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
120544	1644	1245	$\frac{4}{415}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1245}\ \Phi_{415}^{2}\ \Phi_{249}\ \Phi_{83}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
120545	1644	492	$\frac{1}{82}$	$\frac{27}{164}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{492}^{3}\ \Phi_{246}^{2}\ \Phi_{164}^{6}\ \Phi_{123}^{2}\ \Phi_{82}^{4}\ \Phi_{41}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
120546	1644	420	$\frac{3}{140}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{6}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{70}^{6}\ \Phi_{60}^{3}\ \Phi_{42}^{3}\ \Phi_{35}^{6}\ \Phi_{30}^{2}\ \Phi_{28}^{6}\ \Phi_{21}^{3}\ \Phi_{20}^{6}\ \Phi_{15}^{2}\ \Phi_{14}^{6}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{7}^{6}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
120547	1644	1353	$\frac{1}{41}$	$\frac{40}{451}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1353}\ \Phi_{451}^{2}\ \Phi_{33}\ \Phi_{11}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
120548	1644	3276	$\frac{2}{273}$	$\frac{1}{4}$	$\frac{271}{819}$	$\frac{1}{3}$	$\Phi_{3276}\ \Phi_{1638}\ \Phi_{468}\ \Phi_{252}\ \Phi_{234}\ \Phi_{126}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
120549	1644	1428	$\frac{1}{68}$	$\frac{1}{7}$	$\frac{67}{204}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}^{2}\ \Phi_{357}\ \Phi_{238}^{2}\ \Phi_{119}^{2}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}$
120550	1644	1092	$\frac{1}{91}$	$\frac{45}{182}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}^{3}\ \Phi_{546}\ \Phi_{273}^{2}\ \Phi_{156}^{3}\ \Phi_{84}^{3}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}^{2}\ \Phi_{21}^{2}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
120551	1644	420	$\frac{3}{140}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{105}^{6}\ \Phi_{84}^{5}\ \Phi_{60}^{6}\ \Phi_{42}^{5}\ \Phi_{30}^{6}\ \Phi_{21}^{6}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{6}$
120552	1644	156	$\frac{1}{39}$	$\frac{19}{156}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^{10}\ \Phi_{78}^{10}\ \Phi_{52}^{10}\ \Phi_{39}^{12}\ \Phi_{26}^{10}\ \Phi_{13}^{12}\ \Phi_{12}^{11}\ \Phi_{6}^{11}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
120553	1644	2268	$\frac{19}{567}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{378}\ \Phi_{324}\ \Phi_{252}\ \Phi_{162}\ \Phi_{126}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
120554	1644	1716	$\frac{6}{143}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1716}^{2}\ \Phi_{858}^{2}\ \Phi_{156}\ \Phi_{132}^{2}\ \Phi_{78}\ \Phi_{66}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
120555	1644	588	$\frac{1}{21}$	$\frac{10}{147}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}^{4}\ \Phi_{294}^{4}\ \Phi_{196}^{4}\ \Phi_{98}^{4}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
120556	1644	2340	$\frac{2}{39}$	$\frac{37}{585}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{468}\ \Phi_{390}\ \Phi_{260}\ \Phi_{234}\ \Phi_{180}\ \Phi_{130}\ \Phi_{90}\ \Phi_{60}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
120557	1644	2340	$\frac{2}{45}$	$\frac{1}{13}$	$\frac{43}{180}$	$\frac{1}{3}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{468}\ \Phi_{390}\ \Phi_{260}\ \Phi_{234}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
120558	1644	1872	$\frac{7}{144}$	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
120559	1644	3570	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{33}{170}$	$\frac{1}{3}$	$\Phi_{3570}\ \Phi_{1785}\ \Phi_{210}\ \Phi_{105}\ \Phi_{21}$
120560	1644	2106	$\frac{2}{27}$	$\frac{1}{13}$	$\frac{25}{162}$	$\frac{1}{3}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{702}\ \Phi_{234}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
120561	1644	1008	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{7}^2$
120562	1644	1071	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1071}^2\ \Phi_{357}\ \Phi_{119}^2\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_{7}^2$
120563	1644	1950	$\frac{1}{13}$	$\frac{13}{150}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{390}\ \Phi_{325}\ \Phi_{130}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
120564	1644	2244	$\frac{1}{68}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{67}{204}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{561}\ \Phi_{204}^2\ \Phi_{132}\ \Phi_{102}^2\ \Phi_{66}\ \Phi_{51}^2\ \Phi_{33}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
120565	1644	1020	$\frac{1}{68}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{67}{204}$	$\Phi_{1020}^3\ \Phi_{510}^3\ \Phi_{255}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}\ \Phi_{15}^3\ \Phi_{10}$
120566	1644	1620	$\frac{4}{135}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{131}{405}$	$\Phi_{1620}^2\ \Phi_{810}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
120567	1644	2835	$\frac{4}{135}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{131}{405}$	$\Phi_{2835}\ \Phi_{567}\ \Phi_{35}$
120568	1644	159	$\frac{2}{53}$	$\frac{22}{159}$	$\frac{9}{53}$	$\frac{17}{53}$	$\Phi_{159}^{12}\ \Phi_{53}^7\ \Phi_{3}^{12}\ \Phi_{1}^8$
120569	1644	2574	$\frac{5}{66}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{61}{198}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
120570	1644	1386	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{61}{198}$	$\Phi_{1386}^2\ \Phi_{693}^2\ \Phi_{126}^2\ \Phi_{77}\ \Phi_{63}^2$
120571	1644	2079	$\frac{23}{297}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{10}{33}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{189}\ \Phi_{77}\ \Phi_{63}$
120572	1644	2268	$\frac{19}{567}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{378}\ \Phi_{324}\ \Phi_{252}\ \Phi_{162}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
120573	1644	1540	$\frac{3}{140}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}\ \Phi_{154}\ \Phi_{140}^2\ \Phi_{110}\ \Phi_{77}\ \Phi_{70}^2\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^2$
120574	1644	1870	$\frac{1}{34}$	$\frac{2}{11}$	$\frac{33}{170}$	$\frac{3}{11}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{170}^2\ \Phi_{110}\ \Phi_{85}^2\ \Phi_{55}\ \Phi_{11}\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{1}^2$
120575	1644	1584	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}^2\ \Phi_{132}\ \Phi_{99}\ \Phi_{72}^2\ \Phi_{66}\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
120576	1644	1683	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{153}^2\ \Phi_{99}\ \Phi_{51}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^2$
120577	1644	2625	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{24}{125}$	$\frac{101}{375}$	$\Phi_{2625}\ \Phi_{525}\ \Phi_{175}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
120578	1644	1995	$\frac{11}{285}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{133}\ \Phi_{35}$
120579	1644	186	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{13}{62}$	$\frac{49}{186}$	$\Phi_{186}^{12}\ \Phi_{93}^{12}\ \Phi_{31}^5\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^6$
120580	1644	434	$\frac{23}{434}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{434}^4\ \Phi_{217}^4\ \Phi_{62}^4\ \Phi_{31}\ \Phi_{14}^4\ \Phi_{7}^4\ \Phi_{2}^4\ \Phi_{1}^2$
120581	1644	732	$\frac{1}{61}$	$\frac{15}{61}$	$\frac{1}{4}$	$\frac{46}{183}$	$\Phi_{732}^4\ \Phi_{366}^4\ \Phi_{244}\ \Phi_{122}\ \Phi_{12}^4\ \Phi_{6}^4$
120582	1644	140	$\frac{3}{140}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^{12}\ \Phi_{70}^{12}\ \Phi_{35}^{12}\ \Phi_{28}^{12}\ \Phi_{20}^{10}\ \Phi_{14}^{12}\ \Phi_{10}^{10}\ \Phi_{7}^{12}\ \Phi_{5}^9\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
120583	1644	2720	$\frac{3}{136}$	$\frac{1}{5}$	$\frac{133}{544}$	$\frac{1}{4}$	$\Phi_{2720}\ \Phi_{1360}\ \Phi_{160}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
120584	1644	180	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{43}{180}$	$\frac{1}{4}$	$\Phi_{180}^8\ \Phi_{90}^8\ \Phi_{60}^8\ \Phi_{45}^{12}\ \Phi_{36}^9\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{18}^9\ \Phi_{15}^{12}\ \Phi_{12}^9\ \Phi_{10}^8\ \Phi_{9}^{12}\ \Phi_{6}^9\ \Phi_{5}^{12}\ \Phi_{4}^8\ \Phi_{3}^{12}\ \Phi_{2}^8\ \Phi_{1}^{12}$
120585	1644	144	$\frac{7}{144}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{144}^{12}\ \Phi_{72}^{12}\ \Phi_{48}^{12}\ \Phi_{36}^9\ \Phi_{24}^{12}\ \Phi_{18}^9\ \Phi_{16}^{12}\ \Phi_{12}^9\ \Phi_{9}^{12}\ \Phi_{8}^{12}\ \Phi_{6}^9\ \Phi_{4}^8\ \Phi_{3}^{12}\ \Phi_{2}^8\ \Phi_{1}^{12}$
120586	1644	340	$\frac{1}{34}$	$\frac{33}{170}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{340}^6\ \Phi_{170}^3\ \Phi_{85}^3\ \Phi_{68}^8\ \Phi_{34}^4\ \Phi_{20}^7\ \Phi_{17}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{4}^8\ \Phi_{2}^4\ \Phi_{1}^4$
120587	1644	2380	$\frac{3}{68}$	$\frac{65}{476}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{595}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
120588	1644	720	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{30}^3\ \Phi_{20}\ \Phi_{15}^3\ \Phi_{10}$
120589	1644	3060	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
120590	1644	2700	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{127}{675}$	$\frac{1}{4}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{50}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
120591	1644	2340	$\frac{37}{585}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{468}\ \Phi_{390}\ \Phi_{260}\ \Phi_{234}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{52}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
120592	1644	324	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{25}{162}$	$\frac{1}{4}$	$\Phi_{324}^8\ \Phi_{162}^4\ \Phi_{108}^4\ \Phi_{81}^4\ \Phi_{36}^5\ \Phi_{27}^4\ \Phi_{18}\ \Phi_{12}^5\ \Phi_{9}^4\ \Phi_{6}\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{1}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
120593	1644	1188	$\frac{23}{297}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{4}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{22}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
120594	1644	1260	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{315}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{18}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_6$
120595	1644	1260	$\frac{2}{45}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{43}{180}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{14}^2$
120596	1644	154	$\frac{1}{11}$	$\frac{17}{154}$	$\frac{1}{7}$	$\frac{5}{22}$	$\Phi_{154}^{10}\ \Phi_{77}^{11}\ \Phi_{22}^{12}\ \Phi_{14}^{10}\ \Phi_{11}^{12}\ \Phi_7^{10}\ \Phi_2^{12}\ \Phi_1^{12}$
120597	1644	1232	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{7}$	$\frac{39}{176}$	$\Phi_{1232}^2\ \Phi_{616}^2\ \Phi_{112}^2\ \Phi_{77}\ \Phi_{56}^2$
120598	1644	1050	$\frac{13}{150}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{14}^2$
120599	1644	315	$\frac{4}{45}$	$\frac{41}{315}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{315}^5\ \Phi_{105}^5\ \Phi_{63}^5\ \Phi_{45}^6\ \Phi_{35}^6\ \Phi_{21}^5\ \Phi_{15}^6\ \Phi_9^6\ \Phi_7^5\ \Phi_5^6\ \Phi_3^6\ \Phi_1^6$
120600	1644	159	$\frac{5}{53}$	$\frac{22}{159}$	$\frac{8}{53}$	$\frac{9}{53}$	$\Phi_{159}^{12}\ \Phi_{53}^7\ \Phi_3^{12}\ \Phi_1^8$
120601	1644	1155	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{33}$	$\frac{28}{165}$	$\Phi_{1155}^2\ \Phi_{385}^2\ \Phi_{105}^2\ \Phi_{77}\ \Phi_{35}^2$
120602	1645	656	$\frac{1}{328}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{327}{656}$	$\Phi_{656}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
120603	1645	2196	$\frac{2}{549}$	$\frac{551}{2196}$	$\frac{1}{3}$	$\frac{547}{1098}$	$\Phi_{2196}\ \Phi_{732}\ \Phi_{549}\ \Phi_{244}\ \Phi_{183}\ \Phi_{61}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
120604	1645	468	$\frac{1}{234}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{233}{468}$	$\Phi_{468}\ \Phi_{234}^6\ \Phi_{156}\ \Phi_{117}^6\ \Phi_{78}^6\ \Phi_{52}\ \Phi_{39}^6\ \Phi_{36}\ \Phi_{26}^6\ \Phi_{18}^6\ \Phi_{13}^6\ \Phi_{12}^2\ \Phi_9^6\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
120605	1645	468	$\frac{1}{234}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{233}{468}$	$\Phi_{468}^7\ \Phi_{156}^7\ \Phi_{52}^7\ \Phi_{36}^7\ \Phi_{12}^7\ \Phi_9\ \Phi_4^7\ \Phi_1$
120606	1645	654	$\frac{2}{327}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{325}{654}$	$\Phi_{654}^2\ \Phi_{327}^3\ \Phi_{218}^2\ \Phi_{109}^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
120607	1645	3264	$\frac{13}{1632}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1619}{3264}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{192}\ \Phi_{64}\ \Phi_{24}\ \Phi_8\ \Phi_1$
120608	1645	3264	$\frac{13}{1632}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1619}{3264}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{192}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
120609	1645	1320	$\frac{1}{110}$	$\frac{1}{6}$	$\frac{111}{440}$	$\frac{109}{220}$	$\Phi_{1320}^2\ \Phi_{440}\ \Phi_{330}^2\ \Phi_{264}^2\ \Phi_{165}^2\ \Phi_{120}^2\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{40}\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{22}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
120610	1645	366	$\frac{2}{183}$	$\frac{37}{366}$	$\frac{1}{3}$	$\frac{181}{366}$	$\Phi_{366}^4\ \Phi_{183}^5\ \Phi_{122}^4\ \Phi_{61}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
120611	1645	1950	$\frac{4}{325}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{321}{650}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{390}\ \Phi_{325}\ \Phi_{195}\ \Phi_{150}\ \Phi_{78}\ \Phi_{75}\ \Phi_{65}\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
120612	1645	464	$\frac{3}{232}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{229}{464}$	$\Phi_{464}^7\ \Phi_{16}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
120613	1645	396	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{67}{396}$	$\frac{65}{132}$	$\Phi_{396}^5\ \Phi_{198}^5\ \Phi_{99}^5\ \Phi_{66}^5\ \Phi_{36}^5\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{18}^5\ \Phi_{11}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
120614	1645	648	$\frac{5}{324}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{319}{648}$	$\Phi_{648}^5\ \Phi_{216}^5\ \Phi_{72}^5\ \Phi_{27}\ \Phi_{24}^5\ \Phi_9\ \Phi_8^5\ \Phi_1$
120615	1645	648	$\frac{5}{324}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{319}{648}$	$\Phi_{648}^5\ \Phi_{216}^5\ \Phi_{72}^5\ \Phi_{36}\ \Phi_{24}^5\ \Phi_{18}\ \Phi_9\ \Phi_8^5\ \Phi_1$
120616	1645	648	$\frac{5}{324}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{319}{648}$	$\Phi_{648}^5\ \Phi_{216}^5\ \Phi_{72}^5\ \Phi_{24}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
120617	1645	2208	$\frac{11}{552}$	$\frac{1}{12}$	$\frac{563}{2208}$	$\frac{541}{1104}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{96}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{32}\ \Phi_{24}\ \Phi_{23}\ \Phi_8\ \Phi_1$
120618	1645	1564	$\frac{1}{46}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{45}{92}$	$\Phi_{782}^2\ \Phi_{391}^2\ \Phi_{92}\ \Phi_{68}\ \Phi_{46}^2\ \Phi_{34}^2\ \Phi_{23}^2\ \Phi_{17}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
120619	1645	4692	$\frac{1}{46}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{45}{92}$	$\Phi_{4692}\ \Phi_{276}\ \Phi_{204}\ \Phi_{92}\ \Phi_{51}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
120620	1645	1564	$\frac{1}{46}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{45}{92}$	$\Phi_{1564}^2\ \Phi_{92}^3\ \Phi_{68}^2\ \Phi_{17}^2\ \Phi_4^3\ \Phi_1^3$
120621	1645	552	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{45}{92}$	$\Phi_{552}^4\ \Phi_{276}^2\ \Phi_{184}^2\ \Phi_{138}^4\ \Phi_{92}\ \Phi_{69}^4\ \Phi_{46}^2\ \Phi_{24}^6\ \Phi_{23}^2\ \Phi_{12}^4\ \Phi_8^3\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
120622	1645	1920	$\frac{9}{320}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{311}{640}$	$\Phi_{1920}^2\ \Phi_{640}\ \Phi_{384}^2\ \Phi_{128}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
120623	1645	4692	$\frac{1}{34}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{33}{68}$	$\Phi_{4692}\ \Phi_{276}\ \Phi_{204}\ \Phi_{69}\ \Phi_{68}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
120624	1645	1914	$\frac{10}{319}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{309}{638}$	$\Phi_{1914}\ \Phi_{957}\ \Phi_{319}\ \Phi_{174}\ \Phi_{87}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{29}\ \Phi_{22}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
120625	1645	360	$\frac{1}{30}$	$\frac{31}{360}$	$\frac{1}{6}$	$\frac{29}{60}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^5\ \Phi_{72}^5\ \Phi_{45}^5\ \Phi_{40}^5\ \Phi_{36}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_9^5\ \Phi_8^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
120626	1645	3168	$\frac{61}{1584}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1523}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{96}\ \Phi_{66}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
120627	1645	3168	$\frac{61}{1584}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1523}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
120628	1645	180	$\frac{1}{36}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{180}^{9}\ \Phi_{90}^{8}\ \Phi_{60}^{9}\ \Phi_{45}^{9}\ \Phi_{36}^{11}\ \Phi_{30}^{8}\ \Phi_{20}^{9}\ \Phi_{18}^{10}\ \Phi_{15}^{9}\ \Phi_{12}^{11}\ \Phi_{10}^{8}\ \Phi_{9}^{11}\ \Phi_{6}^{10}\ \Phi_{5}^{9}\ \Phi_{4}^{11}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
120629	1645	90	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{43}{90}$	$\Phi_{90}^{14}\ \Phi_{45}^{21}\ \Phi_{30}^{17}\ \Phi_{18}^{14}\ \Phi_{15}^{23}\ \Phi_{10}^{17}\ \Phi_{9}^{21}\ \Phi_{6}^{16}\ \Phi_{5}^{23}\ \Phi_{3}^{22}\ \Phi_{2}^{16}\ \Phi_{1}^{23}$
120630	1645	1056	$\frac{1}{22}$	$\frac{23}{352}$	$\frac{1}{6}$	$\frac{21}{44}$	$\Phi_{1056}^{2}\ \Phi_{528}^{2}\ \Phi_{352}\ \Phi_{264}^{2}\ \Phi_{176}\ \Phi_{96}^{2}\ \Phi_{88}\ \Phi_{66}^{2}\ \Phi_{48}^{2}\ \Phi_{33}^{2}\ \Phi_{32}\ \Phi_{24}^{2}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
120631	1645	528	$\frac{1}{48}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{176}^{3}\ \Phi_{132}^{3}\ \Phi_{88}^{3}\ \Phi_{66}^{2}\ \Phi_{48}^{5}\ \Phi_{44}^{3}\ \Phi_{33}^{3}\ \Phi_{24}^{5}\ \Phi_{22}^{2}\ \Phi_{16}^{5}\ \Phi_{12}^{5}\ \Phi_{11}^{3}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
120632	1645	576	$\frac{1}{36}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{576}^{4}\ \Phi_{192}^{4}\ \Phi_{144}^{4}\ \Phi_{72}^{4}\ \Phi_{64}^{3}\ \Phi_{48}^{4}\ \Phi_{36}^{3}\ \Phi_{24}^{4}\ \Phi_{18}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{3}\ \Phi_{1}^{3}$
120633	1645	792	$\frac{1}{36}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{792}^{4}\ \Phi_{264}^{4}\ \Phi_{88}^{3}\ \Phi_{72}^{4}\ \Phi_{36}^{3}\ \Phi_{24}^{4}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
120634	1645	264	$\frac{1}{22}$	$\frac{3}{44}$	$\frac{1}{6}$	$\frac{41}{88}$	$\Phi_{264}^{14}\ \Phi_{88}^{7}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{14}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}^{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
120635	1645	1674	$\frac{29}{1674}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1674}\ \Phi_{837}\ \Phi_{558}\ \Phi_{279}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
120636	1645	1716	$\frac{71}{1716}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{286}\ \Phi_{156}\ \Phi_{143}\ \Phi_{78}\ \Phi_{66}\ \Phi_{52}\ \Phi_{39}\ \Phi_{33}\ \Phi_{26}\ \Phi_{22}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}$
120637	1645	2448	$\frac{13}{816}$	$\frac{1}{12}$	$\frac{803}{2448}$	$\frac{11}{24}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
120638	1645	48	$\frac{1}{48}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{48}^{34}\ \Phi_{24}^{35}\ \Phi_{16}^{34}\ \Phi_{12}^{34}\ \Phi_{8}^{35}\ \Phi_{6}^{34}\ \Phi_{4}^{34}\ \Phi_{3}^{34}\ \Phi_{2}^{34}\ \Phi_{1}^{35}$
120639	1645	408	$\frac{13}{408}$	$\frac{1}{12}$	$\frac{79}{408}$	$\frac{11}{24}$	$\Phi_{408}^{4}\ \Phi_{204}^{4}\ \Phi_{136}^{4}\ \Phi_{102}^{4}\ \Phi_{68}^{4}\ \Phi_{51}^{4}\ \Phi_{34}^{4}\ \Phi_{24}^{5}\ \Phi_{17}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
120640	1645	1728	$\frac{83}{1728}$	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{11}{24}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
120641	1645	192	$\frac{1}{48}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{192}^{16}\ \Phi_{64}^{15}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{3}\ \Phi_{1}^{3}$
120642	1645	600	$\frac{1}{30}$	$\frac{29}{300}$	$\frac{1}{6}$	$\frac{271}{600}$	$\Phi_{600}^{5}\ \Phi_{200}^{5}\ \Phi_{120}^{5}\ \Phi_{40}^{5}\ \Phi_{30}^{5}\ \Phi_{24}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
120643	1645	1020	$\frac{11}{340}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{340}\ \Phi_{255}^{2}\ \Phi_{204}^{2}\ \Phi_{170}\ \Phi_{102}^{2}\ \Phi_{85}\ \Phi_{68}\ \Phi_{51}^{2}\ \Phi_{34}\ \Phi_{30}^{2}\ \Phi_{17}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
120644	1645	594	$\frac{1}{33}$	$\frac{32}{297}$	$\frac{1}{6}$	$\frac{265}{594}$	$\Phi_{594}^{2}\ \Phi_{297}^{3}\ \Phi_{198}^{2}\ \Phi_{99}^{3}\ \Phi_{66}^{5}\ \Phi_{54}^{2}\ \Phi_{33}^{5}\ \Phi_{27}^{3}\ \Phi_{22}^{5}\ \Phi_{18}^{2}\ \Phi_{11}^{5}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
120645	1645	252	$\frac{1}{36}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{84}^{5}\ \Phi_{63}^{6}\ \Phi_{42}^{6}\ \Phi_{36}^{11}\ \Phi_{28}^{5}\ \Phi_{21}^{6}\ \Phi_{18}^{11}\ \Phi_{14}^{6}\ \Phi_{12}^{10}\ \Phi_{9}^{11}\ \Phi_{7}^{6}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
120646	1645	2928	$\frac{2}{183}$	$\frac{181}{1464}$	$\frac{1}{3}$	$\frac{1283}{2928}$	$\Phi_{2928}\ \Phi_{976}\ \Phi_{183}\ \Phi_{61}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
120647	1645	412	$\frac{3}{206}$	$\frac{29}{206}$	$\frac{1}{4}$	$\frac{177}{412}$	$\Phi_{412}^{3}\ \Phi_{206}^{5}\ \Phi_{103}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
120648	1645	1728	$\frac{83}{1728}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{144}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
120649	1645	948	$\frac{2}{237}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{948}^{3}\ \Phi_{316}^{3}\ \Phi_{237}\ \Phi_{79}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
120650	1645	1404	$\frac{1}{117}$	$\frac{1}{6}$	$\frac{116}{351}$	$\frac{5}{12}$	$\Phi_{1404}^{3}\ \Phi_{351}\ \Phi_{108}^{3}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
120651	1645	312	$\frac{1}{78}$	$\frac{1}{6}$	$\frac{77}{312}$	$\frac{5}{12}$	$\Phi_{312}^{7}\ \Phi_{156}\ \Phi_{104}^{7}\ \Phi_{78}^{6}\ \Phi_{52}\ \Phi_{39}^{6}\ \Phi_{26}^{6}\ \Phi_{24}^{7}\ \Phi_{13}^{6}\ \Phi_{12}^{2}\ \Phi_{8}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
120652	1645	468	$\frac{2}{117}$	$\frac{1}{6}$	$\frac{23}{117}$	$\frac{5}{12}$	$\Phi_{468}^{6}\ \Phi_{156}^{6}\ \Phi_{117}^{2}\ \Phi_{52}^{6}\ \Phi_{39}^{2}\ \Phi_{36}^{6}\ \Phi_{13}^{2}\ \Phi_{12}^{7}\ \Phi_{9}^{2}\ \Phi_{4}^{7}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
120653	1645	48	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{48}^{35}\ \Phi_{24}^{35}\ \Phi_{16}^{35}\ \Phi_{12}^{30}\ \Phi_{8}^{35}\ \Phi_{6}^{34}\ \Phi_{4}^{30}\ \Phi_{3}^{34}\ \Phi_{2}^{34}\ \Phi_{1}^{35}$
120654	1645	1092	$\frac{1}{39}$	$\frac{38}{273}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1092}^{3}\ \Phi_{364}^{3}\ \Phi_{273}\ \Phi_{91}\ \Phi_{84}^{3}\ \Phi_{28}^{3}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
120655	1645	972	$\frac{8}{243}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{972}^{3}\ \Phi_{324}^{3}\ \Phi_{243}\ \Phi_{108}^{3}\ \Phi_{81}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
120656	1645	156	$\frac{1}{26}$	$\frac{5}{52}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{156}^{8}\ \Phi_{78}^{10}\ \Phi_{52}^{13}\ \Phi_{39}^{10}\ \Phi_{26}^{14}\ \Phi_{13}^{14}\ \Phi_{12}^{9}\ \Phi_{6}^{10}\ \Phi_{4}^{14}\ \Phi_{3}^{10}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
120657	1645	2964	$\frac{12}{247}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2964}\ \Phi_{988}\ \Phi_{247}\ \Phi_{228}\ \Phi_{76}\ \Phi_{19}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
120658	1645	252	$\frac{1}{18}$	$\frac{17}{252}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{252}^{7}\ \Phi_{126}^{7}\ \Phi_{84}^{7}\ \Phi_{63}^{7}\ \Phi_{42}^{7}\ \Phi_{36}\ \Phi_{28}^{7}\ \Phi_{21}^{7}\ \Phi_{18}^{6}\ \Phi_{14}^{7}\ \Phi_{12}^{2}\ \Phi_{9}^{6}\ \Phi_{7}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
120659	1645	720	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{720}^4\ \Phi_{240}^4\ \Phi_{144}^4\ \Phi_{80}^3\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{36}^3\ \Phi_{24}^4\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
120660	1645	1664	$\frac{19}{1664}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{128}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_1$
120661	1645	552	$\frac{11}{276}$	$\frac{1}{12}$	$\frac{53}{276}$	$\frac{223}{552}$	$\Phi_{552}^5\ \Phi_{276}\ \Phi_{184}^5\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{24}^5\ \Phi_{23}\ \Phi_8^5\ \Phi_1$
120662	1645	1650	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{54}{275}$	$\frac{221}{550}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{330}^2\ \Phi_{275}\ \Phi_{165}^2\ \Phi_{150}\ \Phi_{110}\ \Phi_{75}\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{22}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
120663	1645	411	$\frac{2}{137}$	$\frac{27}{137}$	$\frac{82}{411}$	$\frac{55}{137}$	$\Phi_{411}^5\ \Phi_{137}^2\ \Phi_3^5\ \Phi_1^3$
120664	1645	548	$\frac{2}{137}$	$\frac{27}{137}$	$\frac{55}{274}$	$\frac{219}{548}$	$\Phi_{548}^5\ \Phi_{137}^2\ \Phi_4^5\ \Phi_1^3$
120665	1645	1656	$\frac{11}{1656}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{72}\ \Phi_{69}\ \Phi_{46}\ \Phi_{36}\ \Phi_{24}\ \Phi_{23}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
120666	1645	528	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{65}{264}$	$\frac{199}{528}$	$\Phi_{528}^5\ \Phi_{176}^5\ \Phi_{66}^5\ \Phi_{48}^5\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{16}^5\ \Phi_{11}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
120667	1645	984	$\frac{1}{164}$	$\frac{1}{4}$	$\frac{163}{492}$	$\frac{3}{8}$	$\Phi_{984}^4\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{24}^4\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
120668	1645	664	$\frac{3}{332}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{664}^4\ \Phi_{332}\ \Phi_{166}\ \Phi_{83}\ \Phi_8\ \Phi_1$
120669	1645	1640	$\frac{1}{82}$	$\frac{81}{410}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1640}^2\ \Phi_{410}\ \Phi_{205}\ \Phi_{40}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
120670	1645	1968	$\frac{5}{328}$	$\frac{323}{1968}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
120671	1645	328	$\frac{3}{164}$	$\frac{23}{164}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{328}^8\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
120672	1645	48	$\frac{1}{48}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{48}^{35}\ \Phi_{24}^{35}\ \Phi_{16}^{35}\ \Phi_{12}^{35}\ \Phi_8^{31}\ \Phi_6^{35}\ \Phi_4^{30}\ \Phi_3^{35}\ \Phi_2^{30}\ \Phi_1^{31}$
120673	1645	2952	$\frac{1}{41}$	$\frac{40}{369}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{369}\ \Phi_{123}\ \Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
120674	1645	432	$\frac{1}{48}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{432}^3\ \Phi_{216}^3\ \Phi_{144}^6\ \Phi_{108}^3\ \Phi_{72}^6\ \Phi_{54}^2\ \Phi_{48}^5\ \Phi_{36}^6\ \Phi_{27}^3\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
120675	1645	72	$\frac{1}{36}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{72}^{35}\ \Phi_{36}^{11}\ \Phi_{24}^{35}\ \Phi_{18}^{11}\ \Phi_{12}^{10}\ \Phi_9^{11}\ \Phi_8^{35}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
120676	1645	1416	$\frac{1}{59}$	$\frac{1}{8}$	$\frac{58}{177}$	$\frac{119}{354}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{472}^2\ \Phi_{236}^2\ \Phi_{177}\ \Phi_{118}\ \Phi_{59}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
120677	1645	2472	$\frac{3}{412}$	$\frac{1}{4}$	$\frac{409}{1236}$	$\frac{827}{2472}$	$\Phi_{2472}\ \Phi_{824}\ \Phi_{412}\ \Phi_{206}\ \Phi_{103}\ \Phi_{24}\ \Phi_8\ \Phi_1$
120678	1645	711	$\frac{2}{237}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{711}^3\ \Phi_{237}\ \Phi_{79}\ \Phi_9\ \Phi_1$
120679	1645	351	$\frac{1}{117}$	$\frac{2}{9}$	$\frac{116}{351}$	$\frac{1}{3}$	$\Phi_{351}^7\ \Phi_{27}^7\ \Phi_9\ \Phi_1$
120680	1645	486	$\frac{5}{162}$	$\frac{2}{27}$	$\frac{157}{486}$	$\frac{1}{3}$	$\Phi_{486}^5\ \Phi_{243}^5\ \Phi_{27}\ \Phi_9\ \Phi_1$
120681	1645	243	$\frac{8}{243}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{243}^7\ \Phi_{81}^6\ \Phi_{27}^7\ \Phi_9^7\ \Phi_3^6\ \Phi_1^7$
120682	1645	2196	$\frac{2}{183}$	$\frac{181}{732}$	$\frac{551}{2196}$	$\frac{1}{3}$	$\Phi_{2196}\ \Phi_{1098}\ \Phi_{549}\ \Phi_{183}\ \Phi_{61}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
120683	1645	936	$\frac{1}{78}$	$\frac{2}{9}$	$\frac{77}{312}$	$\frac{1}{3}$	$\Phi_{936}^3\ \Phi_{468}^3\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{72}^3\ \Phi_{52}\ \Phi_{36}^3\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
120684	1645	432	$\frac{5}{108}$	$\frac{2}{27}$	$\frac{103}{432}$	$\frac{1}{3}$	$\Phi_{432}^5\ \Phi_{216}^5\ \Phi_{144}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{27}\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_9\ \Phi_8^5\ \Phi_1$
120685	1645	1728	$\frac{83}{1728}$	$\frac{2}{27}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
120686	1645	117	$\frac{2}{117}$	$\frac{23}{117}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{117}^{14}\ \Phi_{39}^{14}\ \Phi_{13}^{14}\ \Phi_9^{15}\ \Phi_3^{14}\ \Phi_1^{15}$
120687	1645	144	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{144}^{15}\ \Phi_{72}^{15}\ \Phi_{48}^5\ \Phi_{36}^{15}\ \Phi_{24}^5\ \Phi_{18}^{12}\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_9^{13}\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
120688	1645	819	$\frac{1}{39}$	$\frac{38}{273}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{819}^3\ \Phi_{273}\ \Phi_{91}\ \Phi_{63}^3\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$
120689	1645	108	$\frac{1}{36}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{108}^{18}\ \Phi_{54}^{17}\ \Phi_{36}^{11}\ \Phi_{27}^{17}\ \Phi_{18}^{10}\ \Phi_{12}^{11}\ \Phi_9^{11}\ \Phi_6^{10}\ \Phi_4^{11}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
120690	1645	1872	$\frac{7}{234}$	$\frac{227}{1872}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
120691	1645	243	$\frac{8}{243}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{243}^7\ \Phi_{81}^7\ \Phi_{27}^7\ \Phi_9\ \Phi_1$
120692	1645	468	$\frac{1}{26}$	$\frac{5}{52}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{468}^5\ \Phi_{234}^4\ \Phi_{117}^4\ \Phi_{52}^5\ \Phi_{36}^5\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}^4\ \Phi_9^5\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
120693	1645	2223	$\frac{12}{247}$	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2223}\ \Phi_{247}\ \Phi_{171}\ \Phi_{19}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
120694	1645	252	$\frac{1}{18}$	$\frac{17}{252}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{252}^{7}\ \Phi_{126}^{7}\ \Phi_{84}^{7}\ \Phi_{63}^{7}\ \Phi_{42}^{7}\ \Phi_{36}^{7}\ \Phi_{28}^{7}\ \Phi_{21}^{7}\ \Phi_{14}^{7}\ \Phi_{12}^{7}\ \Phi_{9}\ \Phi_{7}^{7}\ \Phi_{4}^{7}\ \Phi_{1}$
120695	1645	351	$\frac{7}{117}$	$\frac{22}{351}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{351}^{5}\ \Phi_{117}^{4}\ \Phi_{39}^{4}\ \Phi_{27}^{5}\ \Phi_{13}^{4}\ \Phi_{9}^{5}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
120696	1645	180	$\frac{1}{36}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{180}^{9}\ \Phi_{90}^{9}\ \Phi_{60}^{8}\ \Phi_{45}^{9}\ \Phi_{36}^{11}\ \Phi_{30}^{8}\ \Phi_{20}^{8}\ \Phi_{18}^{11}\ \Phi_{15}^{9}\ \Phi_{12}^{10}\ \Phi_{10}^{8}\ \Phi_{9}^{11}\ \Phi_{6}^{10}\ \Phi_{5}^{9}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
120697	1645	405	$\frac{5}{81}$	$\frac{2}{27}$	$\frac{76}{405}$	$\frac{1}{3}$	$\Phi_{405}^{5}\ \Phi_{135}^{5}\ \Phi_{45}^{5}\ \Phi_{27}\ \Phi_{15}^{5}\ \Phi_{9}\ \Phi_{5}^{5}\ \Phi_{1}$
120698	1645	351	$\frac{22}{351}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{1}{3}$	$\Phi_{351}^{5}\ \Phi_{117}^{5}\ \Phi_{39}^{5}\ \Phi_{27}\ \Phi_{13}^{5}\ \Phi_{9}\ \Phi_{1}$
120699	1645	1782	$\frac{2}{27}$	$\frac{137}{1782}$	$\frac{25}{162}$	$\frac{1}{3}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
120700	1645	1944	$\frac{2}{27}$	$\frac{25}{324}$	$\frac{299}{1944}$	$\frac{1}{3}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
120701	1645	54	$\frac{2}{27}$	$\frac{5}{54}$	$\frac{7}{54}$	$\frac{1}{3}$	$\Phi_{54}^{30}\ \Phi_{27}^{31}\ \Phi_{18}^{30}\ \Phi_{9}^{31}\ \Phi_{6}^{30}\ \Phi_{3}^{30}\ \Phi_{2}^{30}\ \Phi_{1}^{31}$
120702	1645	2448	$\frac{13}{816}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{803}{2448}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
120703	1645	696	$\frac{3}{116}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{113}{348}$	$\Phi_{696}^{4}\ \Phi_{348}^{3}\ \Phi_{174}^{3}\ \Phi_{87}^{3}\ \Phi_{24}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
120704	1645	396	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{67}{396}$	$\frac{32}{99}$	$\Phi_{396}^{5}\ \Phi_{198}^{2}\ \Phi_{132}^{5}\ \Phi_{99}^{3}\ \Phi_{66}^{5}\ \Phi_{44}^{5}\ \Phi_{36}^{5}\ \Phi_{33}^{5}\ \Phi_{22}^{5}\ \Phi_{18}^{2}\ \Phi_{12}^{5}\ \Phi_{11}^{5}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
120705	1645	486	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{157}{486}$	$\Phi_{486}^{5}\ \Phi_{243}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
120706	1645	1173	$\frac{1}{23}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{22}{69}$	$\Phi_{1173}\ \Phi_{391}^{2}\ \Phi_{69}^{2}\ \Phi_{51}^{2}\ \Phi_{23}^{2}\ \Phi_{17}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
120707	1645	1173	$\frac{1}{23}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{22}{69}$	$\Phi_{1173}^{2}\ \Phi_{69}^{3}\ \Phi_{51}^{2}\ \Phi_{17}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
120708	1645	552	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{22}{69}$	$\Phi_{552}^{3}\ \Phi_{276}^{3}\ \Phi_{184}^{4}\ \Phi_{138}\ \Phi_{92}^{4}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{24}^{5}\ \Phi_{23}^{2}\ \Phi_{12}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{2}\ \Phi_{4}^{5}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
120709	1645	480	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{151}{480}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{4}\ \Phi_{120}^{3}\ \Phi_{96}^{3}\ \Phi_{80}^{4}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{40}^{4}\ \Phi_{32}^{4}\ \Phi_{30}^{5}\ \Phi_{24}^{3}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{15}^{5}\ \Phi_{12}^{3}\ \Phi_{10}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
120710	1645	360	$\frac{1}{15}$	$\frac{31}{360}$	$\frac{1}{6}$	$\frac{14}{45}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}^{5}\ \Phi_{90}^{2}\ \Phi_{72}^{5}\ \Phi_{60}^{5}\ \Phi_{45}^{3}\ \Phi_{40}^{5}\ \Phi_{36}^{5}\ \Phi_{30}^{5}\ \Phi_{24}^{5}\ \Phi_{20}^{5}\ \Phi_{18}^{2}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{3}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
120711	1645	1782	$\frac{5}{66}$	$\frac{137}{1782}$	$\frac{1}{6}$	$\frac{61}{198}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{162}\ \Phi_{81}\ \Phi_{66}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
120712	1645	2376	$\frac{5}{66}$	$\frac{61}{792}$	$\frac{1}{6}$	$\frac{731}{2376}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{108}\ \Phi_{66}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
120713	1645	2376	$\frac{61}{792}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{731}{2376}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
120714	1645	432	$\frac{5}{108}$	$\frac{1}{12}$	$\frac{103}{432}$	$\frac{11}{36}$	$\Phi_{432}^{5}\ \Phi_{216}^{5}\ \Phi_{144}^{5}\ \Phi_{72}^{5}\ \Phi_{48}^{5}\ \Phi_{36}\ \Phi_{24}^{5}\ \Phi_{18}\ \Phi_{16}^{5}\ \Phi_{9}\ \Phi_{8}^{5}\ \Phi_{1}$
120715	1645	1728	$\frac{83}{1728}$	$\frac{1}{12}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
120716	1645	1944	$\frac{25}{324}$	$\frac{1}{12}$	$\frac{299}{1944}$	$\frac{11}{36}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
120717	1645	360	$\frac{1}{12}$	$\frac{31}{360}$	$\frac{5}{36}$	$\frac{11}{36}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}^{5}\ \Phi_{90}^{5}\ \Phi_{72}^{5}\ \Phi_{60}^{5}\ \Phi_{45}^{5}\ \Phi_{40}^{5}\ \Phi_{36}\ \Phi_{30}^{5}\ \Phi_{24}^{5}\ \Phi_{20}^{5}\ \Phi_{18}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{9}\ \Phi_{8}^{5}\ \Phi_{5}^{5}\ \Phi_{1}$
120718	1645	274	$\frac{15}{274}$	$\frac{37}{274}$	$\frac{39}{274}$	$\frac{79}{274}$	$\Phi_{274}^{6}\ \Phi_{137}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
120719	1645	66	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{1}{6}$	$\frac{19}{66}$	$\Phi_{66}^{23}\ \Phi_{33}^{23}\ \Phi_{22}^{29}\ \Phi_{11}^{29}\ \Phi_{6}^{22}\ \Phi_{3}^{22}\ \Phi_{2}^{28}\ \Phi_{1}^{29}$
120720	1645	342	$\frac{13}{342}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{342}^{5}\ \Phi_{171}^{5}\ \Phi_{114}^{5}\ \Phi_{57}^{5}\ \Phi_{38}^{5}\ \Phi_{19}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
120721	1645	48	$\frac{1}{48}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{48}^{34}\ \Phi_{24}^{34}\ \Phi_{16}^{35}\ \Phi_{12}^{34}\ \Phi_{8}^{35}\ \Phi_{6}^{34}\ \Phi_{4}^{34}\ \Phi_{3}^{34}\ \Phi_{2}^{34}\ \Phi_{1}^{35}$
120722	1645	450	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{29}{150}$	$\frac{121}{450}$	$\Phi_{450}^{5}\ \Phi_{225}^{5}\ \Phi_{90}^{5}\ \Phi_{45}^{5}\ \Phi_{30}^{5}\ \Phi_{18}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
120723	1645	2176	$\frac{13}{544}$	$\frac{3}{16}$	$\frac{531}{2176}$	$\frac{1}{4}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
120724	1645	272	$\frac{13}{272}$	$\frac{37}{272}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{272}^{6}\ \Phi_{136}^{6}\ \Phi_{68}^{6}\ \Phi_{34}^{6}\ \Phi_{17}^{6}\ \Phi_{16}^{7}\ \Phi_{8}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
120725	1645	1728	$\frac{83}{1728}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
120726	1645	432	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{103}{432}$	$\Phi_{432}^5\ \Phi_{216}^5\ \Phi_{144}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
120727	1645	264	$\frac{5}{66}$	$\frac{29}{264}$	$\frac{1}{6}$	$\frac{61}{264}$	$\Phi_{264}^6\ \Phi_{132}^6\ \Phi_{88}^6\ \Phi_{66}^7\ \Phi_{44}^6\ \Phi_{33}^7\ \Phi_{24}^6\ \Phi_{22}^7\ \Phi_{12}^6\ \Phi_{11}^7\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
120728	1645	360	$\frac{31}{360}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{40}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^3\ \Phi_{90}^5\ \Phi_{72}^5\ \Phi_{60}^3\ \Phi_{45}^5\ \Phi_{40}^4\ \Phi_{36}^5\ \Phi_{30}^5\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{18}^5\ \Phi_{15}^5\ \Phi_{12}^3\ \Phi_{10}^5\ \Phi_9^5\ \Phi_8^4\ \Phi_6^4\ \Phi_5^5\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
120729	1645	2112	$\frac{5}{66}$	$\frac{61}{528}$	$\frac{1}{6}$	$\frac{467}{2112}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{96}\ \Phi_{66}\ \Phi_{64}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
120730	1645	60	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{13}{60}$	$\Phi_{60}^{35}\ \Phi_{30}^{17}\ \Phi_{20}^{35}\ \Phi_{15}^{23}\ \Phi_{12}^{35}\ \Phi_{10}^{17}\ \Phi_6^{16}\ \Phi_5^{23}\ \Phi_4^{35}\ \Phi_3^{22}\ \Phi_2^{16}\ \Phi_1^{23}$
120731	1645	150	$\frac{3}{50}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{150}^{13}\ \Phi_{75}^{13}\ \Phi_{50}^6\ \Phi_{30}^{14}\ \Phi_{25}^7\ \Phi_{15}^{14}\ \Phi_{10}^7\ \Phi_6^{13}\ \Phi_5^7\ \Phi_3^{13}\ \Phi_2^6\ \Phi_1^7$
120732	1645	390	$\frac{4}{65}$	$\frac{61}{390}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{65}^5\ \Phi_{39}^4\ \Phi_{30}^5\ \Phi_{26}^4\ \Phi_{15}^5\ \Phi_{13}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
120733	1645	1200	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{6}$	$\frac{71}{400}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}\ \Phi_{300}^2\ \Phi_{200}\ \Phi_{150}^2\ \Phi_{100}\ \Phi_{75}^2\ \Phi_{50}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
120734	1645	396	$\frac{5}{66}$	$\frac{61}{396}$	$\frac{1}{6}$	$\frac{67}{396}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^4\ \Phi_{99}^4\ \Phi_{66}^5\ \Phi_{44}^4\ \Phi_{36}^4\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{11}^5\ \Phi_9^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
120735	1645	360	$\frac{31}{360}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^5\ \Phi_{72}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
120736	1645	54	$\frac{5}{54}$	$\frac{7}{54}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{54}^{30}\ \Phi_{27}^{30}\ \Phi_{18}^{30}\ \Phi_9^{30}\ \Phi_6^{34}\ \Phi_3^{34}\ \Phi_2^{34}\ \Phi_1^{35}$
120737	1646	1316	$\frac{1}{329}$	$\frac{165}{658}$	$\frac{493}{1316}$	$\frac{164}{329}$	$\Phi_{1316}^2\ \Phi_{329}\ \Phi_{188}^2\ \Phi_{47}\ \Phi_{28}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
120738	1646	1640	$\frac{3}{820}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{817}{1640}$	$\Phi_{1640}^2\ \Phi_{328}^2\ \Phi_{40}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
120739	1646	4920	$\frac{3}{820}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{817}{1640}$	$\Phi_{4920}\ \Phi_{984}\ \Phi_{120}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
120740	1646	1410	$\frac{1}{235}$	$\frac{118}{705}$	$\frac{587}{1410}$	$\frac{117}{235}$	$\Phi_{1410}^2\ \Phi_{470}^2\ \Phi_{282}^2\ \Phi_{235}\ \Phi_{94}^2\ \Phi_{47}\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
120741	1646	1638	$\frac{4}{819}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{815}{1638}$	$\Phi_{1638}^2\ \Phi_{546}^2\ \Phi_{234}^2\ \Phi_{182}^2\ \Phi_{126}^2\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
120742	1646	1635	$\frac{11}{1635}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{812}{1635}$	$\Phi_{1635}\ \Phi_{545}\ \Phi_{327}\ \Phi_{109}\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
120743	1646	1100	$\frac{2}{275}$	$\frac{1}{5}$	$\frac{277}{1100}$	$\frac{273}{550}$	$\Phi_{1100}^2\ \Phi_{275}^2\ \Phi_{220}^2\ \Phi_{100}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
120744	1646	1632	$\frac{7}{816}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{809}{1632}$	$\Phi_{1632}^2\ \Phi_{544}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
120745	1646	990	$\frac{2}{165}$	$\frac{167}{990}$	$\frac{1}{5}$	$\frac{163}{330}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
120746	1646	1625	$\frac{21}{1625}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{802}{1625}$	$\Phi_{1625}\ \Phi_{325}\ \Phi_{125}\ \Phi_{65}\ \Phi_{25}^2\ \Phi_{13}\ \Phi_5\ \Phi_1^2$
120747	1646	1624	$\frac{11}{812}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{801}{1624}$	$\Phi_{1624}^2\ \Phi_{232}^2\ \Phi_{56}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
120748	1646	1620	$\frac{13}{810}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{797}{1620}$	$\Phi_{1620}^2\ \Phi_{540}^2\ \Phi_{324}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
120749	1646	1598	$\frac{1}{47}$	$\frac{24}{799}$	$\frac{775}{1598}$	$\frac{23}{47}$	$\Phi_{1598}^2\ \Phi_{94}^2\ \Phi_{47}\ \Phi_{34}^2\ \Phi_2^2\ \Phi_1^2$
120750	1646	1610	$\frac{18}{805}$	$\frac{1}{35}$	$\frac{17}{35}$	$\frac{787}{1610}$	$\Phi_{1610}^2\ \Phi_{322}^2\ \Phi_{230}^2\ \Phi_{70}^2\ \Phi_{46}^2\ \Phi_{35}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
120751	1646	900	$\frac{2}{75}$	$\frac{77}{900}$	$\frac{1}{5}$	$\frac{73}{150}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
120752	1646	1600	$\frac{23}{800}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{777}{1600}$	$\Phi_{1600}^2\ \Phi_{320}^2\ \Phi_{64}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
120753	1646	1595	$\frac{51}{1595}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{772}{1595}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}^2\ \Phi_{29}\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
120754	1646	880	$\frac{2}{55}$	$\frac{57}{880}$	$\frac{1}{5}$	$\frac{53}{110}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{80}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
120755	1646	1575	$\frac{1}{35}$	$\frac{71}{1575}$	$\frac{34}{105}$	$\frac{752}{1575}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}^2\ \Phi_{75}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
120756	1646	1575	$\frac{71}{1575}$	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{752}{1575}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{25}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
120757	1646	1120	$\frac{1}{35}$	$\frac{17}{280}$	$\frac{297}{1120}$	$\frac{263}{560}$	$\Phi_{1120}^2\ \Phi_{280}^2\ \Phi_{224}^2\ \Phi_{160}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
120758	1646	1551	$\frac{1}{47}$	$\frac{95}{1551}$	$\frac{46}{141}$	$\frac{728}{1551}$	$\Phi_{1551}\ \Phi_{517}\ \Phi_{141}^2\ \Phi_{47}\ \Phi_{33}\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
120759	1646	1540	$\frac{1}{35}$	$\frac{53}{770}$	$\frac{17}{70}$	$\frac{717}{1540}$	$\Phi_{1540}^2\ \Phi_{308}^2\ \Phi_{220}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{44}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
120760	1646	1540	$\frac{2}{55}$	$\frac{53}{770}$	$\frac{1}{5}$	$\frac{717}{1540}$	$\Phi_{1540}^2\ \Phi_{308}^2\ \Phi_{220}^2\ \Phi_{140}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
120761	1646	850	$\frac{27}{850}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{850}^2\ \Phi_{425}^2\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{34}^2\ \Phi_{25}^2\ \Phi_{17}^2\ \Phi_5\ \Phi_1^2$
120762	1646	1128	$\frac{1}{47}$	$\frac{23}{282}$	$\frac{305}{1128}$	$\frac{259}{564}$	$\Phi_{1128}^2\ \Phi_{376}^2\ \Phi_{282}^2\ \Phi_{141}^2\ \Phi_{94}^2\ \Phi_{47}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
120763	1646	1504	$\frac{1}{47}$	$\frac{71}{752}$	$\frac{23}{94}$	$\frac{681}{1504}$	$\Phi_{1504}^2\ \Phi_{94}^2\ \Phi_{47}\ \Phi_{32}^2\ \Phi_2^2\ \Phi_1^2$
120764	1646	1500	$\frac{2}{75}$	$\frac{73}{750}$	$\frac{1}{5}$	$\frac{677}{1500}$	$\Phi_{1500}^2\ \Phi_{500}^2\ \Phi_{300}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
120765	1646	1485	$\frac{4}{165}$	$\frac{161}{1485}$	$\frac{1}{5}$	$\frac{662}{1485}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}^2\ \Phi_{135}\ \Phi_{99}\ \Phi_{55}^2\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{27}\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
120766	1646	1470	$\frac{1}{35}$	$\frac{88}{735}$	$\frac{17}{105}$	$\frac{647}{1470}$	$\Phi_{1470}^2\ \Phi_{490}^2\ \Phi_{294}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
120767	1646	2496	$\frac{9}{832}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{192}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
120768	1646	840	$\frac{17}{840}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
120769	1646	4326	$\frac{1}{103}$	$\frac{102}{721}$	$\frac{1}{3}$	$\frac{619}{1442}$	$\Phi_{4326}\ \Phi_{618}\ \Phi_{309}\ \Phi_{42}\ \Phi_6$
120770	1646	1092	$\frac{4}{273}$	$\frac{1}{7}$	$\frac{269}{1092}$	$\frac{3}{7}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{156}^2\ \Phi_{84}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
120771	1646	840	$\frac{17}{840}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
120772	1646	910	$\frac{4}{91}$	$\frac{87}{910}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{182}^2\ \Phi_{130}^2\ \Phi_{70}^2\ \Phi_{65}^2\ \Phi_{35}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
120773	1646	882	$\frac{4}{63}$	$\frac{59}{882}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{294}^2\ \Phi_{147}^2\ \Phi_{126}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
120774	1646	1410	$\frac{1}{47}$	$\frac{23}{141}$	$\frac{118}{705}$	$\frac{587}{1410}$	$\Phi_{1410}^2\ \Phi_{470}^2\ \Phi_{282}^2\ \Phi_{141}^2\ \Phi_{94}^2\ \Phi_{47}\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
120775	1646	1400	$\frac{1}{35}$	$\frac{17}{140}$	$\frac{123}{700}$	$\frac{577}{1400}$	$\Phi_{1400}^2\ \Phi_{280}^2\ \Phi_{200}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
120776	1646	1375	$\frac{4}{275}$	$\frac{271}{1375}$	$\frac{1}{5}$	$\frac{552}{1375}$	$\Phi_{1375}\ \Phi_{275}^2\ \Phi_{125}\ \Phi_{55}^2\ \Phi_{25}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
120777	1646	1230	$\frac{3}{410}$	$\frac{1}{5}$	$\frac{407}{1230}$	$\frac{2}{5}$	$\Phi_{1230}^2\ \Phi_{615}^2\ \Phi_{246}^2\ \Phi_{123}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
120778	1646	830	$\frac{7}{830}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{830}^2\ \Phi_{415}^2\ \Phi_{166}^2\ \Phi_{83}^2\ \Phi_5\ \Phi_1^2$
120779	1646	1025	$\frac{3}{205}$	$\frac{202}{1025}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1025}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
120780	1646	840	$\frac{17}{840}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
120781	1646	840	$\frac{17}{840}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
120782	1646	940	$\frac{1}{47}$	$\frac{117}{940}$	$\frac{23}{94}$	$\frac{71}{188}$	$\Phi_{940}^2\ \Phi_{470}^2\ \Phi_{235}^2\ \Phi_{94}^2\ \Phi_{47}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
120783	1646	1320	$\frac{2}{165}$	$\frac{1}{5}$	$\frac{163}{660}$	$\frac{497}{1320}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{165}^2\ \Phi_{120}^2\ \Phi_{88}^2\ \Phi_{55}^2\ \Phi_{40}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
120784	1646	1269	$\frac{1}{47}$	$\frac{46}{423}$	$\frac{377}{1269}$	$\frac{446}{1269}$	$\Phi_{1269}\ \Phi_{423}^2\ \Phi_{141}^2\ \Phi_{47}\ \Phi_{27}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
120785	1646	1260	$\frac{1}{35}$	$\frac{17}{210}$	$\frac{193}{630}$	$\frac{437}{1260}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
120786	1646	1239	$\frac{6}{413}$	$\frac{1}{7}$	$\frac{407}{1239}$	$\frac{416}{1239}$	$\Phi_{1239}\ \Phi_{413}^2\ \Phi_{177}\ \Phi_{59}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
120787	1646	1236	$\frac{1}{206}$	$\frac{205}{618}$	$\frac{1}{3}$	$\frac{413}{1236}$	$\Phi_{1236}^2\ \Phi_{618}\ \Phi_{412}^2\ \Phi_{309}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
120788	1646	1224	$\frac{7}{408}$	$\frac{1}{8}$	$\frac{401}{1224}$	$\frac{1}{3}$	$\Phi_{1224}^2\ \Phi_{612}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
120789	1646	840	$\frac{17}{840}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6\ \Phi_5^2$
120790	1646	984	$\frac{3}{164}$	$\frac{161}{984}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{984}^2\ \Phi_{492}\ \Phi_{328}^2\ \Phi_{246}\ \Phi_{164}^2\ \Phi_{123}\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
120791	1646	840	$\frac{17}{840}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
120792	1646	3264	$\frac{7}{272}$	$\frac{1}{8}$	$\frac{265}{1088}$	$\frac{1}{3}$	$\Phi_{3264}\ \Phi_{1632}\ \Phi_{192}\ \Phi_{96}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
120793	1646	864	$\frac{41}{864}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
120794	1646	2856	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{129}{952}$	$\frac{1}{3}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{357}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
120795	1646	990	$\frac{4}{165}$	$\frac{167}{990}$	$\frac{1}{5}$	$\frac{161}{495}$	$\Phi_{990}^2\ \Phi_{495}\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
120796	1646	1218	$\frac{11}{406}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{395}{1218}$	$\Phi_{1218}^2\ \Phi_{609}^2\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
120797	1646	945	$\frac{1}{35}$	$\frac{122}{945}$	$\frac{71}{315}$	$\frac{34}{105}$	$\Phi_{945}^2\ \Phi_{315}\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
120798	1646	1050	$\frac{1}{35}$	$\frac{71}{525}$	$\frac{227}{1050}$	$\frac{34}{105}$	$\Phi_{1050}^2\ \Phi_{525}\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}\ \Phi_{150}^2\ \Phi_{105}^2\ \Phi_{75}\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
120799	1646	1215	$\frac{13}{405}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{392}{1215}$	$\Phi_{1215}^2\ \Phi_{243}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
120800	1646	900	$\frac{4}{75}$	$\frac{77}{900}$	$\frac{1}{5}$	$\frac{71}{225}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
120801	1646	1200	$\frac{23}{400}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{377}{1200}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{300}^2\ \Phi_{240}^2\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
120802	1646	855	$\frac{32}{855}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{171}^2\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
120803	1646	1155	$\frac{2}{55}$	$\frac{53}{385}$	$\frac{1}{5}$	$\frac{332}{1155}$	$\Phi_{1155}^2\ \Phi_{231}^2\ \Phi_{165}^2\ \Phi_{105}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
120804	1646	1128	$\frac{1}{47}$	$\frac{71}{376}$	$\frac{23}{94}$	$\frac{305}{1128}$	$\Phi_{1128}^2\ \Phi_{564}^2\ \Phi_{282}^2\ \Phi_{141}^2\ \Phi_{94}^2\ \Phi_{47}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
120805	1646	1125	$\frac{2}{75}$	$\frac{73}{375}$	$\frac{1}{5}$	$\frac{302}{1125}$	$\Phi_{1125}^2\ \Phi_{225}^2\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
120806	1646	1080	$\frac{13}{270}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{257}{1080}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
120807	1646	900	$\frac{2}{25}$	$\frac{77}{900}$	$\frac{1}{5}$	$\frac{23}{100}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
120808	1646	1050	$\frac{4}{75}$	$\frac{71}{525}$	$\frac{1}{5}$	$\frac{227}{1050}$	$\Phi_{1050}^2\ \Phi_{525}\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}\ \Phi_{150}^2\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
120809	1646	1000	$\frac{2}{25}$	$\frac{23}{200}$	$\frac{177}{1000}$	$\frac{1}{5}$	$\Phi_{1000}^2\ \Phi_{500}^2\ \Phi_{250}^2\ \Phi_{125}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
120810	1646	875	$\frac{52}{875}$	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\Phi_{875}^2\ \Phi_{175}^2\ \Phi_{125}\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
120811	1646	975	$\frac{21}{325}$	$\frac{152}{975}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{975}^2\ \Phi_{325}\ \Phi_{195}^2\ \Phi_{75}^2\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
120812	1646	900	$\frac{77}{900}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{5}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{36}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
120813	1646	945	$\frac{13}{135}$	$\frac{122}{945}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
120814	1647	1456	$\frac{1}{182}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{181}{364}$	$\Phi_{1456}^2\ \Phi_{364}\ \Phi_{208}^2\ \Phi_{112}^2\ \Phi_{52}\ \Phi_{28}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
120815	1647	364	$\frac{1}{182}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{181}{364}$	$\Phi_{364}^5\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{52}^5\ \Phi_{28}^5\ \Phi_{26}^4\ \Phi_{14}^4\ \Phi_{13}^4\ \Phi_7^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
120816	1647	2180	$\frac{4}{545}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{541}{1090}$	$\Phi_{2180}\ \Phi_{545}\ \Phi_{436}\ \Phi_{109}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
120817	1647	220	$\frac{1}{110}$	$\frac{37}{220}$	$\frac{1}{4}$	$\frac{109}{220}$	$\Phi_{220}^8\ \Phi_{110}^7\ \Phi_{55}^7\ \Phi_{44}^8\ \Phi_{22}^7\ \Phi_{20}^8\ \Phi_{11}^7\ \Phi_{10}^7\ \Phi_5^7\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
120818	1647	1560	$\frac{1}{60}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{59}{120}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}^2\ \Phi_{120}^3\ \Phi_{104}^2\ \Phi_{52}\ \Phi_{40}^3\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
120819	1647	1560	$\frac{1}{60}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{59}{120}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}^2\ \Phi_{120}^3\ \Phi_{104}^2\ \Phi_{40}^3\ \Phi_{24}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_1^3$
120820	1647	120	$\frac{1}{60}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{59}{120}$	$\Phi_{120}^{27}\ \Phi_{40}^{27}\ \Phi_{24}^{27}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8^{27}\ \Phi_5\ \Phi_4\ \Phi_1$
120821	1647	2156	$\frac{10}{539}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{529}{1078}$	$\Phi_{2156}\ \Phi_{539}\ \Phi_{308}\ \Phi_{196}\ \Phi_{77}\ \Phi_{49}\ \Phi_{44}^2\ \Phi_{28}\ \Phi_{22}\ \Phi_{11}\ \Phi_7\ \Phi_4\ \Phi_1$
120822	1647	200	$\frac{1}{50}$	$\frac{17}{200}$	$\frac{1}{4}$	$\frac{49}{100}$	$\Phi_{200}^9\ \Phi_{100}^8\ \Phi_{50}^7\ \Phi_{40}^9\ \Phi_{25}^7\ \Phi_{20}^8\ \Phi_{10}^7\ \Phi_8^9\ \Phi_5^7\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
120823	1647	3276	$\frac{2}{63}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}\ \Phi_{84}\ \Phi_{63}\ \Phi_{52}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
120824	1647	2340	$\frac{1}{30}$	$\frac{1}{26}$	$\frac{29}{90}$	$\frac{25}{52}$	$\Phi_{2340}^2\ \Phi_{468}^2\ \Phi_{180}^2\ \Phi_{90}\ \Phi_{52}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
120825	1647	832	$\frac{1}{26}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{832}^2\ \Phi_{416}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{64}^3\ \Phi_{52}\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
120826	1647	1040	$\frac{1}{26}$	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{25}{52}$	$\Phi_{1040}^2\ \Phi_{520}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{80}^3\ \Phi_{52}\ \Phi_{40}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
120827	1647	260	$\frac{1}{26}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{260}^{12}\ \Phi_{65}\ \Phi_{52}^{13}\ \Phi_{20}^{12}\ \Phi_{13}\ \Phi_4^{13}\ \Phi_1$
120828	1647	3900	$\frac{1}{26}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{25}{52}$	$\Phi_{3900}\ \Phi_{1300}\ \Phi_{300}\ \Phi_{100}\ \Phi_{75}\ \Phi_{52}\ \Phi_{25}\ \Phi_4\ \Phi_1$
120829	1647	1716	$\frac{1}{26}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{25}{52}$	$\Phi_{1716}^2\ \Phi_{572}^2\ \Phi_{132}^2\ \Phi_{66}\ \Phi_{52}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_4\ \Phi_1$
120830	1647	936	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{25}{52}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{72}^3\ \Phi_{52}\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
120831	1647	1820	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{25}{52}$	$\Phi_{1820}^2\ \Phi_{364}^2\ \Phi_{140}^2\ \Phi_{70}\ \Phi_{52}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
120832	1647	352	$\frac{7}{176}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{169}{352}$	$\Phi_{352}^9\ \Phi_{44}^2\ \Phi_{32}^9\ \Phi_{22}\ \Phi_{11}\ \Phi_4\ \Phi_1$
120833	1647	1760	$\frac{7}{176}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{169}{352}$	$\Phi_{1760}^2\ \Phi_{352}\ \Phi_{160}^2\ \Phi_{40}^2\ \Phi_{32}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
120834	1647	572	$\frac{23}{572}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{572}^3\ \Phi_{286}^3\ \Phi_{143}^3\ \Phi_{52}^3\ \Phi_{44}^2\ \Phi_{26}^3\ \Phi_{22}\ \Phi_{13}^3\ \Phi_{11}\ \Phi_4\ \Phi_1$
120835	1647	700	$\frac{1}{25}$	$\frac{8}{175}$	$\frac{1}{4}$	$\frac{167}{350}$	$\Phi_{700}^3\ \Phi_{175}^3\ \Phi_{140}^3\ \Phi_{100}^4\ \Phi_{50}\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{25}^3\ \Phi_{20}^4\ \Phi_{10}\ \Phi_7^3\ \Phi_5^3\ \Phi_4^3\ \Phi_1^3$
120836	1647	1000	$\frac{1}{50}$	$\frac{49}{500}$	$\frac{1}{4}$	$\frac{451}{1000}$	$\Phi_{1000}^3\ \Phi_{200}^3\ \Phi_{100}^2\ \Phi_{50}\ \Phi_{40}^3\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
120837	1647	560	$\frac{11}{560}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{10}\ \Phi_8^3\ \Phi_7^3\ \Phi_5\ \Phi_4\ \Phi_1$
120838	1647	220	$\frac{1}{55}$	$\frac{6}{55}$	$\frac{1}{4}$	$\frac{49}{110}$	$\Phi_{220}^{10}\ \Phi_{110}\ \Phi_{55}^9\ \Phi_{44}^{10}\ \Phi_{22}\ \Phi_{20}^{10}\ \Phi_{11}^9\ \Phi_{10}\ \Phi_5^9\ \Phi_4^9\ \Phi_1^9$
120839	1647	1456	$\frac{1}{91}$	$\frac{1}{8}$	$\frac{30}{91}$	$\frac{7}{16}$	$\Phi_{1456}^2\ \Phi_{208}^2\ \Phi_{112}^2\ \Phi_{91}^2\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_7^2\ \Phi_1^3$
120840	1647	496	$\frac{1}{62}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{496}^6\ \Phi_{124}^2\ \Phi_{62}\ \Phi_{31}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
120841	1647	1008	$\frac{2}{63}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{1008}^3\ \Phi_{336}^3\ \Phi_{144}^3\ \Phi_{112}^2\ \Phi_{63}^3\ \Phi_{48}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
120842	1647	208	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{208}^7\ \Phi_{104}^9\ \Phi_{52}^9\ \Phi_{26}^8\ \Phi_{16}^8\ \Phi_{13}^8\ \Phi_8^9\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
120843	1647	320	$\frac{3}{64}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{320}^6\ \Phi_{160}^6\ \Phi_{80}^4\ \Phi_{64}^3\ \Phi_{40}^6\ \Phi_{32}^3\ \Phi_{20}^6\ \Phi_{16}^2\ \Phi_{10}^5\ \Phi_8^3\ \Phi_5^5\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
120844	1647	1040	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1040}^3\ \Phi_{208}^2\ \Phi_{80}^3\ \Phi_{65}^3\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_5^3\ \Phi_1^3$
120845	1647	784	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{784}^4\ \Phi_{196}\ \Phi_{112}^2\ \Phi_{98}\ \Phi_{49}\ \Phi_{28}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
120846	1647	1610	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{22}{161}$	$\frac{139}{322}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{230}^2\ \Phi_{161}\ \Phi_{115}^2\ \Phi_{70}\ \Phi_{46}\ \Phi_{35}\ \Phi_{23}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
120847	1647	880	$\frac{1}{110}$	$\frac{109}{440}$	$\frac{1}{4}$	$\frac{331}{880}$	$\Phi_{880}^3\ \Phi_{220}^2\ \Phi_{176}^3\ \Phi_{110}\ \Phi_{80}^3\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
120848	1647	992	$\frac{1}{62}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{992}^2\ \Phi_{496}^2\ \Phi_{124}^2\ \Phi_{62}\ \Phi_{32}\ \Phi_{31}\ \Phi_{16}\ \Phi_4\ \Phi_1$
120849	1647	434	$\frac{1}{62}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{434}^4\ \Phi_{217}^4\ \Phi_{62}^3\ \Phi_{31}^3\ \Phi_{14}\ \Phi_7^3\ \Phi_1^3$
120850	1647	460	$\frac{1}{46}$	$\frac{1}{10}$	$\frac{15}{46}$	$\frac{31}{92}$	$\Phi_{460}^6\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{92}^3\ \Phi_{46}\ \Phi_{23}\ \Phi_{20}^6\ \Phi_{10}\ \Phi_5\ \Phi_4^3\ \Phi_1$
120851	1647	823	$\frac{4}{823}$	$\frac{273}{823}$	$\frac{274}{823}$	$\frac{275}{823}$	$\Phi_{823}^2\ \Phi_1^3$
120852	1647	819	$\frac{2}{63}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{819}^2\ \Phi_{273}^2\ \Phi_{117}^2\ \Phi_{91}^2\ \Phi_{63}^3\ \Phi_{21}^3\ \Phi_{13}^2\ \Phi_9^3\ \Phi_7^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
120853	1647	1260	$\frac{2}{63}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
120854	1647	364	$\frac{1}{91}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{30}{91}$	$\Phi_{364}^4\ \Phi_{182}^4\ \Phi_{91}^6\ \Phi_{52}^4\ \Phi_{28}^4\ \Phi_{26}^4\ \Phi_{14}^4\ \Phi_{13}^6\ \Phi_7^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
120855	1647	823	$\frac{10}{823}$	$\frac{184}{823}$	$\frac{213}{823}$	$\frac{271}{823}$	$\Phi_{823}^2\ \Phi_1^3$
120856	1647	1100	$\frac{7}{550}$	$\frac{123}{550}$	$\frac{1}{4}$	$\frac{181}{550}$	$\Phi_{1100}^2\ \Phi_{550}\ \Phi_{275}\ \Phi_{220}^2\ \Phi_{110}\ \Phi_{100}^2\ \Phi_{55}\ \Phi_{50}\ \Phi_{44}^2\ \Phi_{25}\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
120857	1647	220	$\frac{1}{55}$	$\frac{37}{220}$	$\frac{1}{4}$	$\frac{18}{55}$	$\Phi_{220}^7\ \Phi_{110}^7\ \Phi_{55}^9\ \Phi_{44}^7\ \Phi_{22}^7\ \Phi_{20}^7\ \Phi_{11}^9\ \Phi_{10}^7\ \Phi_5^9\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
120858	1647	1170	$\frac{1}{30}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{29}{90}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{90}^3\ \Phi_{45}^3\ \Phi_{18}^3\ \Phi_{13}^2\ \Phi_9^3\ \Phi_1^3$
120859	1647	180	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{29}{90}$	$\Phi_{180}^{18}\ \Phi_{90}^9\ \Phi_{45}^9\ \Phi_{36}^{18}\ \Phi_{20}^2\ \Phi_{18}^9\ \Phi_{10}\ \Phi_9^9\ \Phi_5\ \Phi_4\ \Phi_1$
120860	1647	200	$\frac{1}{25}$	$\frac{17}{200}$	$\frac{1}{4}$	$\frac{8}{25}$	$\Phi_{200}^9\ \Phi_{100}^7\ \Phi_{50}^7\ \Phi_{40}^9\ \Phi_{25}^9\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_8^9\ \Phi_5^9\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
120861	1647	132	$\frac{1}{22}$	$\frac{5}{66}$	$\frac{1}{4}$	$\frac{7}{22}$	$\Phi_{132}^{18}\ \Phi_{66}^9\ \Phi_{44}^{14}\ \Phi_{33}^9\ \Phi_{22}^7\ \Phi_{12}^{18}\ \Phi_{11}^7\ \Phi_6^9\ \Phi_4^{13}\ \Phi_3^9\ \Phi_2^6\ \Phi_1^7$
120862	1647	203	$\frac{2}{29}$	$\frac{20}{203}$	$\frac{1}{7}$	$\frac{9}{29}$	$\Phi_{203}^8\ \Phi_{29}^9\ \Phi_7^7\ \Phi_1^9$
120863	1647	832	$\frac{3}{64}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{832}^2\ \Phi_{416}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_1^3$
120864	1647	1040	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{19}{80}$	$\frac{4}{13}$	$\Phi_{1040}^2\ \Phi_{520}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_1^3$
120865	1647	65	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{65}^{25}\ \Phi_{13}^{27}\ \Phi_5^{24}\ \Phi_1^{27}$
120866	1647	975	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{14}{75}$	$\frac{4}{13}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{75}^3\ \Phi_{25}^3\ \Phi_{13}^2\ \Phi_1^3$
120867	1647	858	$\frac{5}{66}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{4}{13}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{13}^2\ \Phi_{11}^3\ \Phi_1^3$
120868	1647	936	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{4}{13}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{13}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_1^3$
120869	1647	910	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{4}{13}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{14}^3\ \Phi_{13}^2\ \Phi_7^3\ \Phi_1^3$
120870	1647	88	$\frac{1}{22}$	$\frac{7}{88}$	$\frac{1}{4}$	$\frac{27}{88}$	$\Phi_{88}^{18}\ \Phi_{44}^{20}\ \Phi_{22}^{19}\ \Phi_{11}^{19}\ \Phi_8^{18}\ \Phi_4^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
120871	1647	440	$\frac{7}{88}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{27}{88}$	$\Phi_{440}^4\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{88}^2\ \Phi_{55}^4\ \Phi_{44}^2\ \Phi_{40}^6\ \Phi_{22}^2\ \Phi_{20}^6\ \Phi_{11}^2\ \Phi_{10}^5\ \Phi_8^3\ \Phi_5^5\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
120872	1647	380	$\frac{7}{190}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{380}^6\ \Phi_{190}^3\ \Phi_{95}^3\ \Phi_{76}^6\ \Phi_{38}^3\ \Phi_{20}^2\ \Phi_{19}^3\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
120873	1647	500	$\frac{1}{50}$	$\frac{49}{250}$	$\frac{1}{4}$	$\frac{67}{250}$	$\Phi_{500}^4\ \Phi_{250}^2\ \Phi_{125}^2\ \Phi_{100}^6\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{20}^6\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
120874	1647	124	$\frac{1}{62}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{124}^{14}\ \Phi_{62}^{13}\ \Phi_{31}^{13}\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
120875	1647	252	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^6\ \Phi_{63}^9\ \Phi_{42}^6\ \Phi_{36}^6\ \Phi_{28}^4\ \Phi_{21}^9\ \Phi_{18}^6\ \Phi_{14}^4\ \Phi_{12}^6\ \Phi_9^9\ \Phi_7^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^9\ \Phi_2^6\ \Phi_1^9$
120876	1647	208	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{208}^9\ \Phi_{104}^9\ \Phi_{52}^5\ \Phi_{26}^4\ \Phi_{16}^9\ \Phi_{13}^4\ \Phi_8^9\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
120877	1647	320	$\frac{3}{64}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{320}^6\ \Phi_{160}^6\ \Phi_{80}^6\ \Phi_{64}^3\ \Phi_{40}^6\ \Phi_{32}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
120878	1647	260	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{260}^6\ \Phi_{130}^6\ \Phi_{65}^9\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{20}^6\ \Phi_{13}^6\ \Phi_{10}^6\ \Phi_5^9\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
120879	1647	196	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{196}^9\ \Phi_{98}^9\ \Phi_{49}^9\ \Phi_{28}^5\ \Phi_{14}^4\ \Phi_7^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
120880	1647	616	$\frac{1}{22}$	$\frac{67}{616}$	$\frac{21}{88}$	$\frac{1}{4}$	$\Phi_{616}^3\ \Phi_{308}^3\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{56}^3\ \Phi_{44}^2\ \Phi_{28}^3\ \Phi_{22}\ \Phi_{14}^3\ \Phi_{11}\ \Phi_7^3\ \Phi_4\ \Phi_1$
120881	1647	80	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{19}{80}$	$\frac{1}{4}$	$\Phi_{80}^{27}\ \Phi_{40}^{27}\ \Phi_{20}^2\ \Phi_{16}^{27}\ \Phi_{10}\ \Phi_8^{27}\ \Phi_5\ \Phi_4\ \Phi_1$
120882	1647	704	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{155}{704}$	$\frac{1}{4}$	$\Phi_{704}^3\ \Phi_{352}^3\ \Phi_{64}^3\ \Phi_{44}^2\ \Phi_{32}^3\ \Phi_{22}\ \Phi_{11}\ \Phi_4\ \Phi_1$
120883	1647	700	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{151}{700}$	$\frac{1}{4}$	$\Phi_{700}^2\ \Phi_{350}^2\ \Phi_{175}^3\ \Phi_{140}^2\ \Phi_{100}^3\ \Phi_{70}^2\ \Phi_{50}^3\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_7^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
120884	1647	260	$\frac{4}{65}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{260}^9\ \Phi_{130}^4\ \Phi_{65}^5\ \Phi_{52}^9\ \Phi_{26}^4\ \Phi_{20}^2\ \Phi_{13}^5\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
120885	1647	300	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{14}{75}$	$\frac{1}{4}$	$\Phi_{300}^9\ \Phi_{150}^4\ \Phi_{100}^9\ \Phi_{75}^5\ \Phi_{50}^4\ \Phi_{25}^5\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
120886	1647	132	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{4}$	$\Phi_{132}^{18}\ \Phi_{66}^9\ \Phi_{44}^{14}\ \Phi_{33}^9\ \Phi_{22}^5\ \Phi_{12}^{18}\ \Phi_{11}^9\ \Phi_6^9\ \Phi_4^{13}\ \Phi_3^9\ \Phi_2^4\ \Phi_1^9$
120887	1647	220	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{37}{220}$	$\frac{1}{4}$	$\Phi_{220}^9\ \Phi_{110}^9\ \Phi_{55}^9\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{20}^9\ \Phi_{11}\ \Phi_{10}^9\ \Phi_5^9\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
120888	1647	660	$\frac{5}{66}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{660}^{4}\ \Phi_{330}^{2}\ \Phi_{220}^{4}\ \Phi_{165}^{2}\ \Phi_{132}^{2}\ \Phi_{110}^{2}\ \Phi_{66}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}^{2}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
120889	1647	360	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{72}$	$\frac{1}{4}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{6}\ \Phi_{90}^{6}\ \Phi_{72}^{3}\ \Phi_{45}^{6}\ \Phi_{40}^{6}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{2}\ \Phi_{18}^{3}\ \Phi_{10}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
120890	1647	200	$\frac{17}{200}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{200}^{9}\ \Phi_{100}^{9}\ \Phi_{50}^{9}\ \Phi_{40}^{9}\ \Phi_{25}^{9}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{8}^{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
120891	1647	616	$\frac{1}{11}$	$\frac{67}{616}$	$\frac{10}{77}$	$\frac{1}{4}$	$\Phi_{616}^{3}\ \Phi_{308}^{2}\ \Phi_{154}^{2}\ \Phi_{88}^{3}\ \Phi_{77}^{3}\ \Phi_{56}^{3}\ \Phi_{44}^{3}\ \Phi_{28}^{2}\ \Phi_{22}^{3}\ \Phi_{14}^{2}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
120892	1647	140	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{4}$	$\Phi_{140}^{18}\ \Phi_{70}^{9}\ \Phi_{35}^{9}\ \Phi_{28}^{18}\ \Phi_{20}^{2}\ \Phi_{14}^{9}\ \Phi_{10}\ \Phi_{7}^{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
120893	1648	411	$\frac{1}{411}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{205}{411}$	$\Phi_{411}^{4}\ \Phi_{137}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
120894	1648	1647	$\frac{5}{1647}$	$\frac{413}{1647}$	$\frac{617}{1647}$	$\frac{821}{1647}$	$\Phi_{1647}\ \Phi_{549}\ \Phi_{183}\ \Phi_{61}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
120895	1648	825	$\frac{1}{275}$	$\frac{69}{275}$	$\frac{1}{3}$	$\frac{137}{275}$	$\Phi_{825}^{3}\ \Phi_{165}^{3}\ \Phi_{75}^{3}\ \Phi_{33}^{3}\ \Phi_{15}^{3}\ \Phi_{3}^{2}$
120896	1648	1435	$\frac{1}{205}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{102}{205}$	$\Phi_{1435}\ \Phi_{287}\ \Phi_{205}^{2}\ \Phi_{41}^{2}\ \Phi_{35}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
120897	1648	615	$\frac{1}{205}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{102}{205}$	$\Phi_{615}^{4}\ \Phi_{123}^{4}\ \Phi_{15}^{5}\ \Phi_{3}^{4}$
120898	1648	183	$\frac{1}{183}$	$\frac{23}{183}$	$\frac{80}{183}$	$\frac{91}{183}$	$\Phi_{183}^{9}\ \Phi_{61}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
120899	1648	549	$\frac{1}{183}$	$\frac{137}{549}$	$\frac{46}{183}$	$\frac{91}{183}$	$\Phi_{549}^{4}\ \Phi_{183}\ \Phi_{61}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
120900	1648	495	$\frac{1}{165}$	$\frac{83}{495}$	$\frac{1}{3}$	$\frac{82}{165}$	$\Phi_{495}^{4}\ \Phi_{165}^{2}\ \Phi_{99}^{4}\ \Phi_{55}^{2}\ \Phi_{45}^{4}\ \Phi_{33}^{2}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{4}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
120901	1648	819	$\frac{5}{819}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{407}{819}$	$\Phi_{819}^{2}\ \Phi_{273}^{2}\ \Phi_{117}^{2}\ \Phi_{91}^{2}\ \Phi_{63}^{2}\ \Phi_{39}^{2}\ \Phi_{21}^{2}\ \Phi_{13}^{2}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
120902	1648	2065	$\frac{3}{413}$	$\frac{1}{5}$	$\frac{104}{413}$	$\frac{205}{413}$	$\Phi_{2065}\ \Phi_{295}\ \Phi_{35}$
120903	1648	1647	$\frac{13}{1647}$	$\frac{308}{1647}$	$\frac{415}{1647}$	$\frac{817}{1647}$	$\Phi_{1647}\ \Phi_{549}\ \Phi_{183}\ \Phi_{61}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
120904	1648	1635	$\frac{13}{1635}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{811}{1635}$	$\Phi_{1635}\ \Phi_{545}\ \Phi_{327}\ \Phi_{109}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
120905	1648	825	$\frac{7}{825}$	$\frac{104}{825}$	$\frac{1}{3}$	$\frac{409}{825}$	$\Phi_{825}^{2}\ \Phi_{275}^{2}\ \Phi_{165}^{2}\ \Phi_{75}^{2}\ \Phi_{55}^{2}\ \Phi_{33}^{2}\ \Phi_{25}^{2}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
120906	1648	1020	$\frac{1}{102}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{101}{204}$	$\Phi_{1020}^{3}\ \Phi_{340}^{3}\ \Phi_{204}^{4}\ \Phi_{68}^{4}\ \Phi_{60}^{3}\ \Phi_{20}^{3}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{5}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
120907	1648	612	$\frac{1}{102}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{101}{204}$	$\Phi_{612}^{6}\ \Phi_{204}^{4}\ \Phi_{68}^{4}\ \Phi_{36}^{6}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
120908	1648	1020	$\frac{1}{102}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{101}{204}$	$\Phi_{1020}^{3}\ \Phi_{340}^{3}\ \Phi_{204}^{4}\ \Phi_{68}^{4}\ \Phi_{60}^{3}\ \Phi_{20}^{3}\ \Phi_{12}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
120909	1648	1221	$\frac{5}{407}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{201}{407}$	$\Phi_{1221}^{2}\ \Phi_{111}^{2}\ \Phi_{33}^{3}\ \Phi_{3}^{2}$
120910	1648	225	$\frac{1}{75}$	$\frac{19}{225}$	$\frac{1}{3}$	$\frac{37}{75}$	$\Phi_{225}^{8}\ \Phi_{75}^{6}\ \Phi_{45}^{8}\ \Phi_{25}^{6}\ \Phi_{15}^{6}\ \Phi_{9}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
120911	1648	414	$\frac{1}{69}$	$\frac{1}{9}$	$\frac{35}{138}$	$\frac{34}{69}$	$\Phi_{414}^{6}\ \Phi_{207}^{3}\ \Phi_{138}^{4}\ \Phi_{69}^{2}\ \Phi_{46}^{4}\ \Phi_{23}^{2}\ \Phi_{18}^{6}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
120912	1648	1015	$\frac{3}{203}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{100}{203}$	$\Phi_{1015}^{2}\ \Phi_{145}^{2}\ \Phi_{35}^{3}\ \Phi_{5}^{2}$
120913	1648	793	$\frac{1}{61}$	$\frac{31}{793}$	$\frac{381}{793}$	$\frac{30}{61}$	$\Phi_{793}^{2}\ \Phi_{61}^{3}\ \Phi_{13}^{2}\ \Phi_{1}^{4}$
120914	1648	590	$\frac{1}{59}$	$\frac{15}{118}$	$\frac{1}{5}$	$\frac{29}{59}$	$\Phi_{590}^{4}\ \Phi_{295}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{2}$
120915	1648	405	$\frac{7}{405}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{199}{405}$	$\Phi_{405}^{4}\ \Phi_{135}^{4}\ \Phi_{81}^{4}\ \Phi_{45}^{4}\ \Phi_{27}^{5}\ \Phi_{15}^{4}\ \Phi_{9}^{5}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
120916	1648	405	$\frac{7}{405}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{199}{405}$	$\Phi_{405}^{4}\ \Phi_{135}^{4}\ \Phi_{81}^{4}\ \Phi_{45}^{4}\ \Phi_{27}^{4}\ \Phi_{15}^{6}\ \Phi_{9}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
120917	1648	405	$\frac{7}{405}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{199}{405}$	$\Phi_{405}^{4}\ \Phi_{135}^{4}\ \Phi_{81}^{4}\ \Phi_{45}^{4}\ \Phi_{27}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{7}\ \Phi_{5}^{4}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
120918	1648	330	$\frac{1}{55}$	$\frac{7}{110}$	$\frac{1}{3}$	$\frac{27}{55}$	$\Phi_{330}^{8}\ \Phi_{165}^{7}\ \Phi_{66}^{8}\ \Phi_{33}^{7}\ \Phi_{30}^{8}\ \Phi_{15}^{7}\ \Phi_{6}^{8}\ \Phi_{3}^{6}$
120919	1648	1617	$\frac{31}{1617}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{793}{1617}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{231}\ \Phi_{147}\ \Phi_{77}\ \Phi_{49}\ \Phi_{33}^{2}\ \Phi_{21}\ \Phi_{11}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
120920	1648	600	$\frac{3}{100}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{97}{200}$	$\Phi_{600}^{8}\ \Phi_{120}^{8}\ \Phi_{75}\ \Phi_{24}^{8}\ \Phi_{15}$
120921	1648	3400	$\frac{3}{100}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{97}{200}$	$\Phi_{3400}\ \Phi_{680}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
120922	1648	429	$\frac{1}{33}$	$\frac{17}{429}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{429}^{4}\ \Phi_{143}^{4}\ \Phi_{39}^{4}\ \Phi_{33}^{2}\ \Phi_{13}^{4}\ \Phi_{11}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
120923	1648	1215	$\frac{14}{405}$	$\frac{1}{27}$	$\frac{391}{1215}$	$\frac{13}{27}$	$\Phi_{1215}^{2}\ \Phi_{243}^{2}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
120924	1648	108	$\frac{1}{27}$	$\frac{5}{108}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{108}^{16}\ \Phi_{54}^{16}\ \Phi_{36}^{16}\ \Phi_{27}^{13}\ \Phi_{18}^{16}\ \Phi_{12}^{16}\ \Phi_{9}^{13}\ \Phi_{6}^{16}\ \Phi_{4}^{16}\ \Phi_{3}^{13}\ \Phi_{2}^{16}\ \Phi_{1}^{14}$
120925	1648	135	$\frac{1}{27}$	$\frac{7}{135}$	$\frac{32}{135}$	$\frac{13}{27}$	$\Phi_{135}^{12}\ \Phi_{45}^{12}\ \Phi_{27}^{13}\ \Phi_{15}^{12}\ \Phi_{9}^{13}\ \Phi_{5}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
120926	1648	891	$\frac{1}{27}$	$\frac{67}{891}$	$\frac{14}{81}$	$\frac{13}{27}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{27}\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
120927	1648	243	$\frac{1}{27}$	$\frac{7}{81}$	$\frac{37}{243}$	$\frac{13}{27}$	$\Phi_{243}^8\ \Phi_{81}^4\ \Phi_{27}^5\ \Phi_9^5\ \Phi_3^5\ \Phi_1^6$
120928	1648	945	$\frac{1}{27}$	$\frac{14}{135}$	$\frac{121}{945}$	$\frac{13}{27}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{35}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
120929	1648	1275	$\frac{13}{425}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{1275}^2\ \Phi_{255}^2\ \Phi_{75}\ \Phi_{51}^2\ \Phi_{15}$
120930	1648	198	$\frac{1}{33}$	$\frac{4}{99}$	$\frac{1}{3}$	$\frac{95}{198}$	$\Phi_{198}^{16}\ \Phi_{66}^{16}\ \Phi_{33}^2\ \Phi_{22}^{16}\ \Phi_{18}^{16}\ \Phi_{11}^2\ \Phi_6^{16}\ \Phi_3\ \Phi_2^{16}\ \Phi_1^2$
120931	1648	198	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{95}{198}$	$\Phi_{198}^{16}\ \Phi_{66}^{16}\ \Phi_{22}^{16}\ \Phi_{18}^{16}\ \Phi_9^7\ \Phi_6^{16}\ \Phi_3^7\ \Phi_2^{16}\ \Phi_1^8$
120932	1648	1035	$\frac{1}{23}$	$\frac{12}{115}$	$\frac{1}{9}$	$\frac{11}{23}$	$\Phi_{1035}^2\ \Phi_{345}^2\ \Phi_{207}\ \Phi_{69}\ \Phi_{45}^2\ \Phi_{15}^2$
120933	1648	1575	$\frac{2}{75}$	$\frac{73}{1575}$	$\frac{1}{3}$	$\frac{751}{1575}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{25}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
120934	1648	122	$\frac{3}{61}$	$\frac{4}{61}$	$\frac{19}{122}$	$\frac{29}{61}$	$\Phi_{122}^{16}\ \Phi_{61}^{11}\ \Phi_2^{16}\ \Phi_1^{12}$
120935	1648	105	$\frac{2}{105}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{105}^{16}\ \Phi_{35}^{16}\ \Phi_{21}^{16}\ \Phi_{15}^{14}\ \Phi_7^{16}\ \Phi_5^{14}\ \Phi_3^{13}\ \Phi_1^{14}$
120936	1648	765	$\frac{1}{51}$	$\frac{1}{15}$	$\frac{50}{153}$	$\frac{7}{15}$	$\Phi_{765}^3\ \Phi_{153}^4\ \Phi_{45}^3\ \Phi_{15}\ \Phi_9^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
120937	1648	2040	$\frac{1}{34}$	$\frac{1}{15}$	$\frac{33}{136}$	$\frac{7}{15}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{408}\ \Phi_{340}\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{120}\ \Phi_{68}^2\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
120938	1648	540	$\frac{5}{108}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^4\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{54}^4\ \Phi_{45}^3\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{20}^3\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_9^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
120939	1648	1785	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{16}{119}$	$\frac{7}{15}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{119}^2\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
120940	1648	1155	$\frac{1}{55}$	$\frac{27}{385}$	$\frac{1}{3}$	$\frac{179}{385}$	$\Phi_{1155}^2\ \Phi_{231}^2\ \Phi_{165}^3\ \Phi_{105}^2\ \Phi_{33}^3\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_3^2$
120941	1648	3264	$\frac{1}{17}$	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{192}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
120942	1648	627	$\frac{3}{209}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{627}^4\ \Phi_{57}^4\ \Phi_{33}^3\ \Phi_3^2$
120943	1648	375	$\frac{1}{75}$	$\frac{37}{375}$	$\frac{1}{3}$	$\frac{169}{375}$	$\Phi_{375}^4\ \Phi_{125}^4\ \Phi_{75}^6\ \Phi_{25}^6\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
120944	1648	1485	$\frac{2}{165}$	$\frac{163}{1485}$	$\frac{1}{3}$	$\frac{661}{1485}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}\ \Phi_{165}^2\ \Phi_{135}\ \Phi_{99}\ \Phi_{55}^2\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{27}\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
120945	1648	117	$\frac{5}{117}$	$\frac{1}{9}$	$\frac{14}{117}$	$\frac{4}{9}$	$\Phi_{117}^{14}\ \Phi_{39}^{14}\ \Phi_{13}^{14}\ \Phi_9^{15}\ \Phi_3^{15}\ \Phi_1^{16}$
120946	1648	108	$\frac{5}{108}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{108}^{16}\ \Phi_{54}^{16}\ \Phi_{36}^{16}\ \Phi_{27}^{16}\ \Phi_{18}^{16}\ \Phi_{12}^{16}\ \Phi_9^7\ \Phi_6^{16}\ \Phi_4^{16}\ \Phi_3^7\ \Phi_2^{16}\ \Phi_1^8$
120947	1648	441	$\frac{29}{441}$	$\frac{5}{63}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{441}^4\ \Phi_{147}^4\ \Phi_{63}^2\ \Phi_{49}^4\ \Phi_{21}^2\ \Phi_9^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^4$
120948	1648	1656	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{11}{92}$	$\frac{81}{184}$	$\Phi_{1656}^2\ \Phi_{552}^2\ \Phi_{207}\ \Phi_{72}^2\ \Phi_{69}\ \Phi_{24}^2$
120949	1648	1904	$\frac{1}{17}$	$\frac{9}{112}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{68}\ \Phi_{34}$
120950	1648	183	$\frac{1}{61}$	$\frac{23}{183}$	$\frac{15}{61}$	$\frac{80}{183}$	$\Phi_{183}^8\ \Phi_{61}^{11}\ \Phi_3^8\ \Phi_1^{12}$
120951	1648	183	$\frac{7}{183}$	$\frac{22}{183}$	$\frac{23}{183}$	$\frac{80}{183}$	$\Phi_{183}^9\ \Phi_{61}^9\ \Phi_3^9\ \Phi_1^{10}$
120952	1648	3094	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{79}{182}$	$\Phi_{3094}\ \Phi_{442}\ \Phi_{238}\ \Phi_{221}\ \Phi_{34}$
120953	1648	1449	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{199}{1449}$	$\frac{625}{1449}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}^2\ \Phi_{161}\ \Phi_{69}^2\ \Phi_{63}\ \Phi_{23}^2\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
120954	1648	2184	$\frac{1}{104}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}^2\ \Phi_{273}\ \Phi_{168}\ \Phi_{156}^2\ \Phi_{84}\ \Phi_{78}^2\ \Phi_{42}\ \Phi_{39}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
120955	1648	105	$\frac{2}{105}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{105}^{16}\ \Phi_{35}^{15}\ \Phi_{21}^{16}\ \Phi_{15}^{16}\ \Phi_7^{16}\ \Phi_5^{14}\ \Phi_3^{16}\ \Phi_1^{16}$
120956	1648	861	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{20}{123}$	$\frac{3}{7}$	$\Phi_{861}^2\ \Phi_{287}\ \Phi_{123}^4\ \Phi_{41}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^4\ \Phi_1^4$
120957	1648	885	$\frac{1}{59}$	$\frac{29}{177}$	$\frac{1}{5}$	$\frac{74}{177}$	$\Phi_{885}^2\ \Phi_{295}^3\ \Phi_{15}^2\ \Phi_5^2$
120958	1648	1768	$\frac{1}{104}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{442}\ \Phi_{221}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
120959	1648	1245	$\frac{3}{415}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1245}^2\ \Phi_{249}^2\ \Phi_{15}$
120960	1648	122	$\frac{1}{61}$	$\frac{19}{122}$	$\frac{15}{61}$	$\frac{23}{61}$	$\Phi_{122}^{16}\ \Phi_{61}^{11}\ \Phi_2^{16}\ \Phi_1^{12}$
120961	1648	1647	$\frac{11}{1647}$	$\frac{409}{1647}$	$\frac{514}{1647}$	$\frac{619}{1647}$	$\Phi_{1647}\ \Phi_{549}\ \Phi_{183}\ \Phi_{61}\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
120962	1648	165	$\frac{1}{165}$	$\frac{41}{165}$	$\frac{1}{3}$	$\frac{62}{165}$	$\Phi_{165}^{10}\ \Phi_{55}^{10}\ \Phi_{33}^{10}\ \Phi_{15}^{10}\ \Phi_{11}^{10}\ \Phi_5^{10}\ \Phi_3^9\ \Phi_1^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
120963	1648	1281	$\frac{1}{61}$	$\frac{60}{427}$	$\frac{367}{1281}$	$\frac{457}{1281}$	$\Phi_{1281}\ \Phi_{427}^2\ \Phi_{183}\ \Phi_{61}\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
120964	1648	2652	$\frac{1}{26}$	$\frac{1}{17}$	$\frac{25}{78}$	$\frac{53}{156}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{442}\ \Phi_{221}\ \Phi_{204}\ \Phi_{68}\ \Phi_{34}$
120965	1648	621	$\frac{4}{207}$	$\frac{1}{9}$	$\frac{203}{621}$	$\frac{209}{621}$	$\Phi_{621}^2\ \Phi_{207}^4\ \Phi_{69}^4\ \Phi_{27}^2\ \Phi_{23}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
120966	1648	207	$\frac{1}{207}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{207}^8\ \Phi_{69}^8\ \Phi_{23}^8\ \Phi_9^8\ \Phi_3^5\ \Phi_1^6$
120967	1648	1233	$\frac{2}{411}$	$\frac{409}{1233}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1233}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
120968	1648	411	$\frac{1}{137}$	$\frac{34}{137}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{411}^3\ \Phi_{137}^6\ \Phi_3^4\ \Phi_1^8$
120969	1648	1560	$\frac{1}{104}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}^2\ \Phi_{390}\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{120}\ \Phi_{65}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
120970	1648	315	$\frac{2}{105}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{315}^6\ \Phi_{105}^4\ \Phi_{63}^6\ \Phi_{45}^6\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_9^2\ \Phi_7^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
120971	1648	615	$\frac{2}{205}$	$\frac{1}{5}$	$\frac{203}{615}$	$\frac{1}{3}$	$\Phi_{615}^2\ \Phi_{205}^4\ \Phi_{123}^2\ \Phi_{41}^4\ \Phi_{15}^3\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
120972	1648	495	$\frac{2}{165}$	$\frac{83}{495}$	$\frac{163}{495}$	$\frac{1}{3}$	$\Phi_{495}^3\ \Phi_{165}^4\ \Phi_{99}^3\ \Phi_{55}^4\ \Phi_{45}^3\ \Phi_{33}^4\ \Phi_{15}^4\ \Phi_{11}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
120973	1648	153	$\frac{1}{51}$	$\frac{1}{9}$	$\frac{50}{153}$	$\frac{1}{3}$	$\Phi_{153}^{10}\ \Phi_{51}^{12}\ \Phi_{17}^{12}\ \Phi_9^{12}\ \Phi_3^{13}\ \Phi_1^{14}$
120974	1648	1221	$\frac{10}{407}$	$\frac{1}{11}$	$\frac{397}{1221}$	$\frac{1}{3}$	$\Phi_{1221}\ \Phi_{407}^2\ \Phi_{111}\ \Phi_{37}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
120975	1648	225	$\frac{2}{75}$	$\frac{19}{225}$	$\frac{73}{225}$	$\frac{1}{3}$	$\Phi_{225}^7\ \Phi_{75}^8\ \Phi_{45}^7\ \Phi_{25}^8\ \Phi_{15}^8\ \Phi_9^7\ \Phi_5^8\ \Phi_3^7\ \Phi_1^8$
120976	1648	891	$\frac{1}{33}$	$\frac{67}{891}$	$\frac{32}{99}$	$\frac{1}{3}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{81}^2\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
120977	1648	1215	$\frac{14}{405}$	$\frac{1}{15}$	$\frac{391}{1215}$	$\frac{1}{3}$	$\Phi_{1215}^2\ \Phi_{243}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
120978	1648	150	$\frac{1}{25}$	$\frac{3}{50}$	$\frac{47}{150}$	$\frac{1}{3}$	$\Phi_{150}^8\ \Phi_{75}^9\ \Phi_{50}^{16}\ \Phi_{30}^8\ \Phi_{25}^{16}\ \Phi_{15}^9\ \Phi_{10}^{16}\ \Phi_6^8\ \Phi_5^{16}\ \Phi_3^8\ \Phi_2^{16}\ \Phi_1^{16}$
120979	1648	855	$\frac{31}{855}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{171}^2\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
120980	1648	297	$\frac{1}{33}$	$\frac{8}{99}$	$\frac{91}{297}$	$\frac{1}{3}$	$\Phi_{297}^8\ \Phi_{33}^2\ \Phi_{27}^8\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
120981	1648	1155	$\frac{1}{55}$	$\frac{54}{385}$	$\frac{331}{1155}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}^2\ \Phi_{231}\ \Phi_{165}^2\ \Phi_{105}\ \Phi_{77}^2\ \Phi_{55}^2\ \Phi_{35}^2\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
120982	1648	1125	$\frac{1}{75}$	$\frac{74}{375}$	$\frac{301}{1125}$	$\frac{1}{3}$	$\Phi_{1125}^2\ \Phi_{225}^2\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
120983	1648	1224	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{33}{136}$	$\frac{1}{3}$	$\Phi_{1224}^2\ \Phi_{612}^2\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{72}^2\ \Phi_{68}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_9^2\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
120984	1648	231	$\frac{1}{33}$	$\frac{25}{231}$	$\frac{8}{33}$	$\frac{1}{3}$	$\Phi_{231}^8\ \Phi_{77}^8\ \Phi_{33}^2\ \Phi_{21}^8\ \Phi_{11}^2\ \Phi_7^8\ \Phi_3\ \Phi_1^2$
120985	1648	225	$\frac{1}{25}$	$\frac{19}{225}$	$\frac{6}{25}$	$\frac{1}{3}$	$\Phi_{225}^8\ \Phi_{75}^5\ \Phi_{45}^8\ \Phi_{25}^8\ \Phi_{15}^5\ \Phi_9^8\ \Phi_5^8\ \Phi_3^4\ \Phi_1^8$
120986	1648	135	$\frac{7}{135}$	$\frac{1}{15}$	$\frac{32}{135}$	$\frac{1}{3}$	$\Phi_{135}^{12}\ \Phi_{45}^{12}\ \Phi_{27}^{12}\ \Phi_{15}^{14}\ \Phi_9^{12}\ \Phi_5^{14}\ \Phi_3^{13}\ \Phi_1^{14}$
120987	1648	330	$\frac{3}{55}$	$\frac{7}{110}$	$\frac{13}{55}$	$\frac{1}{3}$	$\Phi_{330}^8\ \Phi_{165}^7\ \Phi_{66}^8\ \Phi_{33}^7\ \Phi_{30}^8\ \Phi_{15}^7\ \Phi_6^8\ \Phi_3^6$
120988	1648	132	$\frac{1}{33}$	$\frac{4}{33}$	$\frac{29}{132}$	$\frac{1}{3}$	$\Phi_{132}^{16}\ \Phi_{66}^{16}\ \Phi_{44}^{16}\ \Phi_{33}^2\ \Phi_{22}^{16}\ \Phi_{12}^{16}\ \Phi_{11}^2\ \Phi_6^{16}\ \Phi_4^{16}\ \Phi_3\ \Phi_2^{16}\ \Phi_1^2$
120989	1648	525	$\frac{2}{75}$	$\frac{73}{525}$	$\frac{113}{525}$	$\frac{1}{3}$	$\Phi_{525}^3\ \Phi_{175}^3\ \Phi_{105}^3\ \Phi_{75}^4\ \Phi_{35}^3\ \Phi_{25}^4\ \Phi_{21}^3\ \Phi_{15}^4\ \Phi_7^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
120990	1648	105	$\frac{2}{105}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^{16}\ \Phi_{35}^{16}\ \Phi_{21}^{16}\ \Phi_{15}^{13}\ \Phi_7^{16}\ \Phi_5^{16}\ \Phi_3^{12}\ \Phi_1^{16}$
120991	1648	3075	$\frac{4}{205}$	$\frac{201}{1025}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3075}\ \Phi_{75}\ \Phi_{15}$
120992	1648	615	$\frac{1}{41}$	$\frac{20}{123}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{615}^3\ \Phi_{205}^4\ \Phi_{15}^4\ \Phi_5^4$
120993	1648	765	$\frac{2}{51}$	$\frac{1}{9}$	$\frac{49}{255}$	$\frac{1}{3}$	$\Phi_{765}^3\ \Phi_{255}^2\ \Phi_{85}^2\ \Phi_{45}^3\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
120994	1648	375	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{22}{125}$	$\frac{1}{3}$	$\Phi_{375}^8\ \Phi_{75}\ \Phi_{15}$
120995	1648	495	$\frac{1}{33}$	$\frac{16}{99}$	$\frac{83}{495}$	$\frac{1}{3}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{55}^4\ \Phi_{45}^4\ \Phi_{33}^2\ \Phi_{15}^4\ \Phi_{11}^2\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
120996	1648	108	$\frac{5}{108}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{108}^{16}\ \Phi_{54}^{16}\ \Phi_{36}^{16}\ \Phi_{27}^{16}\ \Phi_{18}^{10}\ \Phi_{12}^{16}\ \Phi_9^{12}\ \Phi_6^{12}\ \Phi_4^{16}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
120997	1648	225	$\frac{1}{15}$	$\frac{19}{225}$	$\frac{7}{45}$	$\frac{1}{3}$	$\Phi_{225}^8\ \Phi_{75}^8\ \Phi_{45}^4\ \Phi_{25}^8\ \Phi_{15}^6\ \Phi_9^4\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
120998	1648	1071	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{16}{119}$	$\frac{1}{3}$	$\Phi_{1071}^2\ \Phi_{357}\ \Phi_{119}^2\ \Phi_{63}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
120999	1648	231	$\frac{2}{33}$	$\frac{25}{231}$	$\frac{31}{231}$	$\frac{1}{3}$	$\Phi_{231}^7\ \Phi_{77}^7\ \Phi_{33}^8\ \Phi_{21}^7\ \Phi_{11}^8\ \Phi_7^7\ \Phi_3^7\ \Phi_1^8$
121000	1648	945	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{121}{945}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
121001	1648	2655	$\frac{1}{59}$	$\frac{1}{5}$	$\frac{119}{531}$	$\frac{58}{177}$	$\Phi_{2655}\ \Phi_{295}\ \Phi_{45}$
121002	1648	765	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{50}{153}$	$\Phi_{765}^3\ \Phi_{153}^4\ \Phi_{45}^3\ \Phi_9^4\ \Phi_5^3\ \Phi_1^4$
121003	1648	3045	$\frac{6}{203}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{197}{609}$	$\Phi_{3045}\ \Phi_{435}\ \Phi_{105}\ \Phi_{35}\ \Phi_{15}$
121004	1648	297	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{91}{297}$	$\Phi_{297}^8\ \Phi_{27}^8\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
121005	1648	2040	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{7}{24}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}$
121006	1648	2448	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{144}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
121007	1648	427	$\frac{15}{427}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{427}^4\ \Phi_{61}^3\ \Phi_7^4\ \Phi_1^4$
121008	1648	108	$\frac{5}{108}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{108}^{16}\ \Phi_{54}^{16}\ \Phi_{36}^{16}\ \Phi_{27}^{12}\ \Phi_{18}^{16}\ \Phi_{12}^{16}\ \Phi_9^{15}\ \Phi_6^{16}\ \Phi_4^{16}\ \Phi_3^{15}\ \Phi_2^{16}\ \Phi_1^{16}$
121009	1648	414	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{11}{46}$	$\frac{35}{138}$	$\Phi_{414}^4\ \Phi_{207}^5\ \Phi_{138}^2\ \Phi_{69}^3\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
121010	1648	549	$\frac{1}{61}$	$\frac{15}{61}$	$\frac{137}{549}$	$\frac{46}{183}$	$\Phi_{549}^4\ \Phi_{61}^3\ \Phi_9^4\ \Phi_1^4$
121011	1648	2040	$\frac{1}{17}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
121012	1648	680	$\frac{1}{34}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{33}{136}$	$\Phi_{680}^3\ \Phi_{340}^3\ \Phi_{136}^4\ \Phi_{68}^4\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
121013	1648	135	$\frac{7}{135}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{32}{135}$	$\Phi_{135}^{12}\ \Phi_{45}^{12}\ \Phi_{27}^{12}\ \Phi_{15}^{12}\ \Phi_9^{15}\ \Phi_5^{12}\ \Phi_3^{15}\ \Phi_1^{16}$
121014	1648	225	$\frac{19}{225}$	$\frac{1}{9}$	$\frac{7}{45}$	$\frac{2}{9}$	$\Phi_{225}^8\ \Phi_{75}^8\ \Phi_{45}^4\ \Phi_{25}^8\ \Phi_{15}^4\ \Phi_9^7\ \Phi_5^4\ \Phi_3^7\ \Phi_1^8$
121015	1648	243	$\frac{7}{81}$	$\frac{1}{9}$	$\frac{37}{243}$	$\frac{2}{9}$	$\Phi_{243}^8\ \Phi_{81}^4\ \Phi_{27}^4\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
121016	1648	2176	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{25}{128}$	$\frac{7}{32}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
121017	1648	540	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^4\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{54}^4\ \Phi_{45}^3\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{20}^3\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
121018	1648	595	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{595}^3\ \Phi_{119}^4\ \Phi_{35}^3\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
121019	1649	192	$\frac{1}{96}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{95}{192}$	$\Phi_{192}^{17}\ \Phi_{64}^{17}\ \Phi_{32}\ \Phi_1$
121020	1649	192	$\frac{1}{96}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{95}{192}$	$\Phi_{192}^{17}\ \Phi_{64}^{17}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
121021	1649	960	$\frac{1}{96}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{95}{192}$	$\Phi_{960}^4\ \Phi_{320}^4\ \Phi_{192}\ \Phi_{64}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
121022	1649	2208	$\frac{7}{552}$	$\frac{1}{8}$	$\frac{559}{2208}$	$\frac{545}{1104}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{96}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{32}\ \Phi_{24}\ \Phi_{23}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
121023	1649	1888	$\frac{3}{236}$	$\frac{239}{1888}$	$\frac{1}{4}$	$\frac{233}{472}$	$\Phi_{1888}\ \Phi_{944}\ \Phi_{236}\ \Phi_{118}\ \Phi_{59}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
121024	1649	3248	$\frac{25}{1624}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1599}{3248}$	$\Phi_{3248}\ \Phi_{464}\ \Phi_{112}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
121025	1649	3200	$\frac{49}{1600}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1551}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
121026	1649	1840	$\frac{7}{184}$	$\frac{191}{1840}$	$\frac{1}{8}$	$\frac{177}{368}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{184}\ \Phi_{115}\ \Phi_{92}\ \Phi_{80}\ \Phi_{46}\ \Phi_{40}\ \Phi_{23}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
121027	1649	3168	$\frac{65}{1584}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1519}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
121028	1649	3168	$\frac{2}{99}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{99}\ \Phi_{33}\ \Phi_{32}\ \Phi_{11}\ \Phi_9\ \Phi_1$
121029	1649	288	$\frac{1}{48}$	$\frac{1}{16}$	$\frac{47}{144}$	$\frac{15}{32}$	$\Phi_{288}^{16}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
121030	1649	800	$\frac{3}{100}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{800}^4\ \Phi_{160}^4\ \Phi_{100}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
121031	1649	128	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{31}{128}$	$\frac{15}{32}$	$\Phi_{128}^{17}\ \Phi_{64}^{17}\ \Phi_{32}\ \Phi_1$
121032	1649	480	$\frac{1}{24}$	$\frac{1}{16}$	$\frac{23}{120}$	$\frac{15}{32}$	$\Phi_{480}^8\ \Phi_{160}^8\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
121033	1649	1728	$\frac{79}{1728}$	$\frac{1}{16}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
121034	1649	1632	$\frac{5}{102}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{1632}^2\ \Phi_{544}^2\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_1$
121035	1649	224	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{15}{32}$	$\Phi_{224}^{16}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
121036	1649	416	$\frac{1}{16}$	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{15}{32}$	$\Phi_{416}^8\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
121037	1649	864	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{15}{32}$	$\Phi_{864}^4\ \Phi_{288}^4\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
121038	1649	1638	$\frac{1}{18}$	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{85}{182}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{234}\ \Phi_{126}^2\ \Phi_{117}\ \Phi_{91}\ \Phi_{78}\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_{13}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
121039	1649	1008	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{15}{112}$	$\frac{13}{28}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
121040	1649	3072	$\frac{1}{16}$	$\frac{113}{1536}$	$\frac{15}{128}$	$\frac{1423}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
121041	1649	1728	$\frac{79}{1728}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{144}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
121042	1649	1680	$\frac{31}{1680}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
121043	1649	1792	$\frac{1}{16}$	$\frac{143}{1792}$	$\frac{15}{128}$	$\frac{113}{256}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
121044	1649	2944	$\frac{7}{184}$	$\frac{177}{1472}$	$\frac{1}{8}$	$\frac{1295}{2944}$	$\Phi_{2944}\ \Phi_{184}\ \Phi_{128}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_1$
121045	1649	2912	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{193}{1456}$	$\frac{1263}{2912}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{224}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
121046	1649	1470	$\frac{1}{98}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{294}^2\ \Phi_{245}\ \Phi_{210}\ \Phi_{147}^2\ \Phi_{105}\ \Phi_{98}\ \Phi_{70}\ \Phi_{49}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
121047	1649	504	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{71}{168}$	$\Phi_{504}^6\ \Phi_{168}^5\ \Phi_{126}^2\ \Phi_{72}^6\ \Phi_{63}^2\ \Phi_{56}^5\ \Phi_{42}^2\ \Phi_{24}^5\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_8^5\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
121048	1649	2832	$\frac{3}{236}$	$\frac{233}{1416}$	$\frac{1}{4}$	$\frac{1183}{2832}$	$\Phi_{2832}\ \Phi_{944}\ \Phi_{236}\ \Phi_{118}\ \Phi_{59}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
121049	1649	1176	$\frac{1}{98}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1176}^2\ \Phi_{392}^2\ \Phi_{294}^2\ \Phi_{168}^2\ \Phi_{147}^2\ \Phi_{98}\ \Phi_{56}^2\ \Phi_{49}\ \Phi_{42}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
121050	1649	1680	$\frac{31}{1680}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
121051	1649	2496	$\frac{15}{416}$	$\frac{1}{16}$	$\frac{401}{1248}$	$\frac{847}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{192}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
121052	1649	2472	$\frac{1}{206}$	$\frac{205}{618}$	$\frac{823}{2472}$	$\frac{413}{1236}$	$\Phi_{2472}\ \Phi_{824}\ \Phi_{618}\ \Phi_{309}\ \Phi_{24}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
121053	1649	792	$\frac{2}{99}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^3\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^3\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{11}^3\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
121054	1649	1980	$\frac{2}{99}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
121055	1649	2124	$\frac{3}{236}$	$\frac{475}{2124}$	$\frac{1}{4}$	$\frac{233}{708}$	$\Phi_{2124}\ \Phi_{1062}\ \Phi_{531}\ \Phi_{236}\ \Phi_{118}\ \Phi_{59}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
121056	1649	144	$\frac{1}{48}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{47}{144}$	$\Phi_{144}^{17}\ \Phi_{72}^{17}\ \Phi_{36}^{17}\ \Phi_{24}\ \Phi_{18}^{17}\ \Phi_{12}\ \Phi_9^{17}\ \Phi_6\ \Phi_3\ \Phi_1$
121057	1649	720	$\frac{1}{48}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{47}{144}$	$\Phi_{720}^4\ \Phi_{360}^4\ \Phi_{180}^4\ \Phi_{144}\ \Phi_{90}^4\ \Phi_{72}\ \Phi_{45}^4\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
121058	1649	2436	$\frac{25}{812}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{787}{2436}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{609}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
121059	1649	126	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{29}{126}$	$\frac{13}{42}$	$\Phi_{126}^{13}\ \Phi_{63}^{13}\ \Phi_{42}^{14}\ \Phi_{21}^{14}\ \Phi_{18}^{12}\ \Phi_{14}^{13}\ \Phi_9^{12}\ \Phi_7^{13}\ \Phi_6^{13}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
121060	1649	2376	$\frac{65}{792}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{727}{2376}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
121061	1649	1920	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{271}{1920}$	$\frac{113}{384}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
121062	1649	600	$\frac{3}{100}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{150}^4\ \Phi_{120}^4\ \Phi_{100}\ \Phi_{75}^4\ \Phi_{60}^4\ \Phi_{50}\ \Phi_{30}^4\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}^4\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
121063	1649	384	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{31}{128}$	$\frac{7}{24}$	$\Phi_{384}^8\ \Phi_{192}^8\ \Phi_{128}\ \Phi_{64}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
121064	1649	120	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{23}{120}$	$\frac{7}{24}$	$\Phi_{120}^{17}\ \Phi_{60}^{17}\ \Phi_{40}^{17}\ \Phi_{30}^{17}\ \Phi_{24}\ \Phi_{20}^{17}\ \Phi_{15}^{17}\ \Phi_{12}\ \Phi_{10}^{17}\ \Phi_6\ \Phi_5^{17}\ \Phi_3\ \Phi_1$
121065	1649	1728	$\frac{79}{1728}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
121066	1649	408	$\frac{5}{102}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{408}^4\ \Phi_{204}^4\ \Phi_{136}^4\ \Phi_{102}^5\ \Phi_{68}^4\ \Phi_{51}^5\ \Phi_{34}^5\ \Phi_{24}\ \Phi_{17}^5\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
121067	1649	336	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{15}{112}$	$\frac{7}{24}$	$\Phi_{336}^{8}\ \Phi_{168}^{8}\ \Phi_{112}\ \Phi_{84}^{8}\ \Phi_{56}\ \Phi_{42}^{8}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}^{8}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
121068	1649	312	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{312}^{8}\ \Phi_{156}^{8}\ \Phi_{104}\ \Phi_{78}^{8}\ \Phi_{52}\ \Phi_{39}^{8}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
121069	1649	216	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{216}^{8}\ \Phi_{108}^{9}\ \Phi_{72}^{8}\ \Phi_{54}^{9}\ \Phi_{36}^{9}\ \Phi_{27}^{9}\ \Phi_{24}\ \Phi_{18}^{9}\ \Phi_{12}\ \Phi_{9}^{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
121070	1649	2304	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{113}{768}$	$\frac{655}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
121071	1649	2208	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{177}{736}$	$\frac{559}{2208}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{96}\ \Phi_{92}\ \Phi_{69}\ \Phi_{48}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
121072	1649	100	$\frac{3}{100}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{100}^{17}\ \Phi_{50}^{17}\ \Phi_{25}^{17}\ \Phi_{20}^{14}\ \Phi_{10}^{14}\ \Phi_{5}^{14}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
121073	1649	640	$\frac{1}{32}$	$\frac{3}{20}$	$\frac{31}{128}$	$\frac{1}{4}$	$\Phi_{640}^{4}\ \Phi_{320}^{4}\ \Phi_{128}\ \Phi_{64}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
121074	1649	120	$\frac{1}{24}$	$\frac{3}{20}$	$\frac{23}{120}$	$\frac{1}{4}$	$\Phi_{120}^{13}\ \Phi_{60}^{13}\ \Phi_{40}^{13}\ \Phi_{30}^{13}\ \Phi_{24}^{16}\ \Phi_{20}^{14}\ \Phi_{15}^{13}\ \Phi_{12}^{16}\ \Phi_{10}^{14}\ \Phi_{8}^{16}\ \Phi_{6}^{16}\ \Phi_{5}^{14}\ \Phi_{4}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
121075	1649	1020	$\frac{5}{102}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{340}^{2}\ \Phi_{255}^{2}\ \Phi_{170}^{2}\ \Phi_{102}\ \Phi_{85}^{2}\ \Phi_{51}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
121076	1649	560	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{140}^{4}\ \Phi_{112}\ \Phi_{70}^{4}\ \Phi_{56}\ \Phi_{35}^{4}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
121077	1649	520	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{520}^{4}\ \Phi_{260}^{4}\ \Phi_{130}^{4}\ \Phi_{104}\ \Phi_{65}^{4}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
121078	1649	540	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{540}^{4}\ \Phi_{270}^{4}\ \Phi_{180}^{4}\ \Phi_{135}^{4}\ \Phi_{108}\ \Phi_{90}^{4}\ \Phi_{54}\ \Phi_{45}^{4}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
121079	1649	1920	$\frac{1}{16}$	$\frac{271}{1920}$	$\frac{49}{320}$	$\frac{15}{64}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
121080	1649	2048	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{399}{2048}$	$\frac{113}{512}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
121081	1650	2632	$\frac{1}{329}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{164}{329}$	$\Phi_{2632}\ \Phi_{376}\ \Phi_{329}\ \Phi_{56}\ \Phi_{47}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
121082	1650	2740	$\frac{1}{274}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{273}{548}$	$\Phi_{2740}\ \Phi_{548}^{2}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
121083	1650	1644	$\frac{1}{274}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{273}{548}$	$\Phi_{1644}\ \Phi_{822}^{2}\ \Phi_{411}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
121084	1650	2952	$\frac{1}{164}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{163}{328}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{328}^{2}\ \Phi_{72}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
121085	1650	984	$\frac{1}{164}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{163}{328}$	$\Phi_{984}^{3}\ \Phi_{328}^{4}\ \Phi_{24}^{3}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
121086	1650	2980	$\frac{1}{149}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{74}{149}$	$\Phi_{2980}\ \Phi_{596}\ \Phi_{149}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
121087	1650	2235	$\frac{1}{149}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{74}{149}$	$\Phi_{2235}\ \Phi_{447}\ \Phi_{149}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
121088	1650	546	$\frac{2}{273}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{271}{546}$	$\Phi_{546}^{6}\ \Phi_{182}^{6}\ \Phi_{78}^{6}\ \Phi_{42}^{6}\ \Phi_{26}^{6}\ \Phi_{21}\ \Phi_{14}^{6}\ \Phi_{6}^{6}\ \Phi_{2}^{6}$
121089	1650	2832	$\frac{1}{118}$	$\frac{119}{944}$	$\frac{1}{3}$	$\frac{117}{236}$	$\Phi_{2832}\ \Phi_{1416}\ \Phi_{354}\ \Phi_{177}\ \Phi_{48}\ \Phi_{24}\ \Phi_{6}$
121090	1650	3052	$\frac{1}{109}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{54}{109}$	$\Phi_{3052}\ \Phi_{436}\ \Phi_{109}\ \Phi_{28}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
121091	1650	763	$\frac{1}{109}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{54}{109}$	$\Phi_{763}^{2}\ \Phi_{109}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
121092	1650	1308	$\frac{1}{109}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{54}{109}$	$\Phi_{1308}^{2}\ \Phi_{654}\ \Phi_{436}\ \Phi_{327}\ \Phi_{109}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
121093	1650	1552	$\frac{1}{97}$	$\frac{49}{776}$	$\frac{727}{1552}$	$\frac{48}{97}$	$\Phi_{1552}^{2}\ \Phi_{97}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
121094	1650	388	$\frac{1}{97}$	$\frac{49}{388}$	$\frac{113}{388}$	$\frac{48}{97}$	$\Phi_{388}^{4}\ \Phi_{194}^{4}\ \Phi_{97}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
121095	1650	194	$\frac{1}{97}$	$\frac{29}{194}$	$\frac{49}{194}$	$\frac{48}{97}$	$\Phi_{194}^{8}\ \Phi_{97}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
121096	1650	2576	$\frac{1}{92}$	$\frac{1}{7}$	$\frac{93}{368}$	$\frac{91}{184}$	$\Phi_{2576}\ \Phi_{644}\ \Phi_{322}\ \Phi_{161}\ \Phi_{112}\ \Phi_{28}\ \Phi_{14}$
121097	1650	544	$\frac{3}{272}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{269}{544}$	$\Phi_{544}^{6}\ \Phi_{32}^{6}\ \Phi_{17}\ \Phi_{1}^{2}$
121098	1650	544	$\frac{3}{272}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{269}{544}$	$\Phi_{544}^{6}\ \Phi_{32}^{6}\ \Phi_{17}\ \Phi_{1}^{2}$
121099	1650	3808	$\frac{3}{272}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{269}{544}$	$\Phi_{3808}\ \Phi_{224}\ \Phi_{28}\ \Phi_{14}$
121100	1650	1649	$\frac{21}{1649}$	$\frac{167}{1649}$	$\frac{494}{1649}$	$\frac{814}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_{1}^{2}$
121101	1650	3108	$\frac{1}{74}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{73}{148}$	$\Phi_{3108}\ \Phi_{1036}\ \Phi_{444}\ \Phi_{148}^{2}\ \Phi_{84}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
121102	1650	444	$\frac{1}{74}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{73}{148}$	$\Phi_{444}^{3}\ \Phi_{222}^{4}\ \Phi_{148}^{4}\ \Phi_{111}^{4}\ \Phi_{74}^{4}\ \Phi_{37}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
121103	1650	1036	$\frac{1}{74}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{73}{148}$	$\Phi_{1036}^3\ \Phi_{148}^4\ \Phi_{28}^3\ \Phi_{14}^2\ \Phi_7\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
121104	1650	1986	$\frac{5}{331}$	$\frac{1}{6}$	$\frac{56}{331}$	$\frac{163}{331}$	$\Phi_{1986}\ \Phi_{993}\ \Phi_{662}$
121105	1650	1649	$\frac{25}{1649}$	$\frac{274}{1649}$	$\frac{279}{1649}$	$\frac{812}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_1^2$
121106	1650	3120	$\frac{1}{65}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{32}{65}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{80}\ \Phi_{65}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_5\ \Phi_1^2$
121107	1650	1755	$\frac{1}{65}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{32}{65}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{135}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
121108	1650	2340	$\frac{1}{65}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{32}{65}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{234}\ \Phi_{180}\ \Phi_{117}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
121109	1650	1820	$\frac{1}{65}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{32}{65}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{182}\ \Phi_{140}\ \Phi_{91}\ \Phi_{70}\ \Phi_{65}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
121110	1650	2080	$\frac{1}{65}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{32}{65}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{416}\ \Phi_{208}\ \Phi_{160}\ \Phi_{80}\ \Phi_{65}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_5\ \Phi_1^2$
121111	1650	390	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{32}{65}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{65}^5\ \Phi_{39}^4\ \Phi_{30}^4\ \Phi_{26}^4\ \Phi_{15}^4\ \Phi_{13}^5\ \Phi_{10}^4\ \Phi_6^8\ \Phi_5^5\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
121112	1650	4872	$\frac{13}{812}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{799}{1624}$	$\Phi_{4872}\ \Phi_{696}\ \Phi_{168}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_6$
121113	1650	2204	$\frac{9}{551}$	$\frac{56}{551}$	$\frac{1}{4}$	$\frac{271}{551}$	$\Phi_{2204}\ \Phi_{1102}\ \Phi_{116}\ \Phi_{76}\ \Phi_{58}\ \Phi_{38}$
121114	1650	3132	$\frac{1}{54}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{53}{108}$	$\Phi_{3132}\ \Phi_{1044}\ \Phi_{348}\ \Phi_{116}\ \Phi_{108}^2\ \Phi_{36}^2\ \Phi_{29}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
121115	1650	432	$\frac{1}{54}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{53}{108}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{108}^2\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{48}^5\ \Phi_{36}^2\ \Phi_{27}^4\ \Phi_{24}^5\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{12}^3\ \Phi_9^4\ \Phi_8^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
121116	1650	3132	$\frac{1}{54}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{53}{108}$	$\Phi_{3132}\ \Phi_{1044}\ \Phi_{348}\ \Phi_{116}\ \Phi_{108}^2\ \Phi_{36}^2\ \Phi_{29}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
121117	1650	1188	$\frac{1}{54}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{53}{108}$	$\Phi_{1188}\ \Phi_{594}^2\ \Phi_{396}\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{11}^2$
121118	1650	3132	$\frac{1}{54}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{53}{108}$	$\Phi_{3132}\ \Phi_{1044}\ \Phi_{348}\ \Phi_{116}\ \Phi_{108}^2\ \Phi_{36}^2\ \Phi_{29}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
121119	1650	756	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{53}{108}$	$\Phi_{756}^5\ \Phi_{252}^5\ \Phi_{84}^5\ \Phi_{42}\ \Phi_{28}^5\ \Phi_{21}\ \Phi_{14}$
121120	1650	3136	$\frac{1}{49}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{24}{49}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{64}^2\ \Phi_{49}\ \Phi_7\ \Phi_1^2$
121121	1650	784	$\frac{1}{49}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{24}{49}$	$\Phi_{784}^2\ \Phi_{392}^2\ \Phi_{196}^2\ \Phi_{112}^2\ \Phi_{98}^2\ \Phi_{56}^2\ \Phi_{49}^3\ \Phi_{28}^2\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_8^4\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
121122	1650	588	$\frac{1}{49}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{24}{49}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{196}^2\ \Phi_{147}^3\ \Phi_{98}^2\ \Phi_{84}^3\ \Phi_{49}^3\ \Phi_{42}^3\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^6\ \Phi_7^3\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
121123	1650	1960	$\frac{1}{49}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{24}{49}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{280}\ \Phi_{245}\ \Phi_{140}\ \Phi_{70}\ \Phi_{49}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
121124	1650	323	$\frac{7}{323}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{158}{323}$	$\Phi_{323}^5\ \Phi_{19}^5\ \Phi_{17}^7\ \Phi_1^8$
121125	1650	1649	$\frac{41}{1649}$	$\frac{169}{1649}$	$\frac{296}{1649}$	$\frac{804}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_1^2$
121126	1650	592	$\frac{1}{37}$	$\frac{1}{16}$	$\frac{19}{74}$	$\frac{18}{37}$	$\Phi_{592}^3\ \Phi_{296}^3\ \Phi_{148}^3\ \Phi_{74}\ \Phi_{37}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
121127	1650	1986	$\frac{9}{331}$	$\frac{34}{331}$	$\frac{1}{6}$	$\frac{161}{331}$	$\Phi_{1986}\ \Phi_{993}\ \Phi_{662}$
121128	1650	1649	$\frac{45}{1649}$	$\frac{77}{1649}$	$\frac{524}{1649}$	$\frac{802}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_1^2$
121129	1650	194	$\frac{3}{97}$	$\frac{10}{97}$	$\frac{29}{194}$	$\frac{47}{97}$	$\Phi_{194}^{10}\ \Phi_{97}^7\ \Phi_2^{10}\ \Phi_1^8$
121130	1650	2496	$\frac{1}{32}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{2496}^2\ \Phi_{192}\ \Phi_{78}\ \Phi_{39}\ \Phi_6$
121131	1650	3136	$\frac{1}{32}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{31}{64}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{64}^2\ \Phi_{49}\ \Phi_7\ \Phi_1^2$
121132	1650	2112	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{31}{64}$	$\Phi_{2112}^2\ \Phi_{704}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
121133	1650	448	$\frac{1}{32}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{31}{64}$	$\Phi_{448}^7\ \Phi_{64}^8\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
121134	1650	1812	$\frac{5}{151}$	$\frac{1}{12}$	$\frac{26}{151}$	$\frac{73}{151}$	$\Phi_{1812}\ \Phi_{906}\ \Phi_{604}\ \Phi_{453}\ \Phi_{302}$
121135	1650	532	$\frac{9}{266}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{257}{532}$	$\Phi_{532}^2\ \Phi_{266}^4\ \Phi_{133}^4\ \Phi_{76}^3\ \Phi_{38}^5\ \Phi_{28}^2\ \Phi_{19}^4\ \Phi_{14}^4\ \Phi_7^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
121136	1650	1653	$\frac{1}{29}$	$\frac{2}{57}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{1653}\ \Phi_{551}\ \Phi_{57}^2\ \Phi_{29}\ \Phi_{19}^2\ \Phi_1^2$
121137	1650	2349	$\frac{1}{29}$	$\frac{1}{27}$	$\frac{26}{81}$	$\frac{14}{29}$	$\Phi_{2349}\ \Phi_{81}^2\ \Phi_{29}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
121138	1650	116	$\frac{1}{29}$	$\frac{3}{58}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{116}^{19}\ \Phi_{58}^{9}\ \Phi_{29}^{10}\ \Phi_{4}^{18}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
121139	1650	2088	$\frac{1}{29}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{14}{29}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{116}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{29}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
121140	1650	783	$\frac{1}{29}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{14}{29}$	$\Phi_{783}^{2}\ \Phi_{261}^{2}\ \Phi_{87}^{2}\ \Phi_{29}^{3}\ \Phi_{27}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
121141	1650	348	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{14}{29}$	$\Phi_{348}^{5}\ \Phi_{174}^{4}\ \Phi_{116}^{5}\ \Phi_{87}^{4}\ \Phi_{58}^{4}\ \Phi_{29}^{5}\ \Phi_{12}^{10}\ \Phi_{6}^{8}\ \Phi_{4}^{10}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
121142	1650	1827	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{14}{29}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{203}\ \Phi_{63}^{2}\ \Phi_{29}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
121143	1650	1649	$\frac{61}{1649}$	$\frac{124}{1649}$	$\frac{285}{1649}$	$\frac{794}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_{1}^{2}$
121144	1650	2204	$\frac{21}{551}$	$\frac{26}{551}$	$\frac{1}{4}$	$\frac{265}{551}$	$\Phi_{2204}\ \Phi_{1102}\ \Phi_{116}\ \Phi_{76}\ \Phi_{58}\ \Phi_{38}$
121145	1650	816	$\frac{1}{34}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{816}^{4}\ \Phi_{272}^{4}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}^{2}\ \Phi_{16}^{2}\ \Phi_{6}$
121146	1650	3120	$\frac{2}{65}$	$\frac{1}{24}$	$\frac{21}{65}$	$\frac{23}{48}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{80}\ \Phi_{65}\ \Phi_{48}^{2}\ \Phi_{16}^{2}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}^{2}$
121147	1650	1104	$\frac{1}{24}$	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{1104}^{3}\ \Phi_{368}^{3}\ \Phi_{92}\ \Phi_{46}$
121148	1650	1680	$\frac{1}{24}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{1680}^{2}\ \Phi_{560}^{2}\ \Phi_{336}^{2}\ \Phi_{240}\ \Phi_{112}^{2}\ \Phi_{80}\ \Phi_{48}^{2}\ \Phi_{35}^{2}\ \Phi_{16}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
121149	1650	624	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{23}{48}$	$\Phi_{624}^{5}\ \Phi_{208}^{5}\ \Phi_{48}^{6}\ \Phi_{16}^{6}\ \Phi_{13}^{5}\ \Phi_{1}^{6}$
121150	1650	336	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{23}{48}$	$\Phi_{336}^{11}\ \Phi_{112}^{11}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
121151	1650	777	$\frac{1}{37}$	$\frac{1}{21}$	$\frac{12}{37}$	$\frac{10}{21}$	$\Phi_{777}^{2}\ \Phi_{259}^{2}\ \Phi_{111}^{2}\ \Phi_{37}^{4}\ \Phi_{21}^{3}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
121152	1650	1092	$\frac{1}{26}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{1092}^{2}\ \Phi_{546}\ \Phi_{364}^{2}\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}^{2}\ \Phi_{91}\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}^{4}\ \Phi_{39}\ \Phi_{28}\ \Phi_{26}^{2}\ \Phi_{21}\ \Phi_{13}^{2}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
121153	1650	777	$\frac{1}{21}$	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{10}{21}$	$\Phi_{777}^{2}\ \Phi_{259}^{2}\ \Phi_{111}^{2}\ \Phi_{37}^{4}\ \Phi_{21}^{3}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
121154	1650	336	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{10}{21}$	$\Phi_{336}^{5}\ \Phi_{168}^{5}\ \Phi_{112}^{5}\ \Phi_{84}^{5}\ \Phi_{56}^{5}\ \Phi_{48}^{7}\ \Phi_{42}^{2}\ \Phi_{28}^{5}\ \Phi_{24}^{7}\ \Phi_{21}^{3}\ \Phi_{16}^{6}\ \Phi_{14}^{2}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
121155	1650	291	$\frac{5}{97}$	$\frac{16}{291}$	$\frac{17}{97}$	$\frac{46}{97}$	$\Phi_{291}^{6}\ \Phi_{97}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
121156	1650	228	$\frac{2}{57}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{228}^{10}\ \Phi_{114}^{10}\ \Phi_{76}^{9}\ \Phi_{38}^{9}\ \Phi_{12}^{10}\ \Phi_{6}^{10}\ \Phi_{4}^{8}\ \Phi_{2}^{8}$
121157	1650	1044	$\frac{1}{29}$	$\frac{14}{261}$	$\frac{1}{4}$	$\frac{247}{522}$	$\Phi_{1044}^{2}\ \Phi_{348}^{2}\ \Phi_{261}^{2}\ \Phi_{116}^{3}\ \Phi_{87}^{2}\ \Phi_{58}\ \Phi_{36}^{2}\ \Phi_{29}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
121158	1650	1649	$\frac{79}{1649}$	$\frac{89}{1649}$	$\frac{314}{1649}$	$\frac{780}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_{1}^{2}$
121159	1650	3224	$\frac{1}{31}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{3224}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}$
121160	1650	408	$\frac{3}{136}$	$\frac{1}{17}$	$\frac{133}{408}$	$\frac{8}{17}$	$\Phi_{408}^{6}\ \Phi_{204}^{6}\ \Phi_{102}^{6}\ \Phi_{51}^{6}\ \Phi_{24}^{6}\ \Phi_{17}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
121161	1650	34	$\frac{1}{34}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{34}^{48}\ \Phi_{17}^{49}\ \Phi_{2}^{48}\ \Phi_{1}^{50}$
121162	1650	1088	$\frac{9}{272}$	$\frac{1}{17}$	$\frac{263}{1088}$	$\frac{8}{17}$	$\Phi_{1088}^{2}\ \Phi_{544}^{2}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{17}\ \Phi_{1}^{2}$
121163	1650	68	$\frac{3}{68}$	$\frac{1}{17}$	$\frac{13}{68}$	$\frac{8}{17}$	$\Phi_{68}^{24}\ \Phi_{34}^{24}\ \Phi_{17}^{25}\ \Phi_{4}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{26}$
121164	1650	289	$\frac{14}{289}$	$\frac{1}{17}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{289}^{6}\ \Phi_{17}\ \Phi_{1}^{2}$
121165	1650	952	$\frac{1}{17}$	$\frac{9}{136}$	$\frac{127}{952}$	$\frac{8}{17}$	$\Phi_{952}^{2}\ \Phi_{476}^{2}\ \Phi_{238}^{2}\ \Phi_{119}^{2}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{17}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
121166	1650	884	$\frac{1}{17}$	$\frac{59}{884}$	$\frac{9}{68}$	$\frac{8}{17}$	$\Phi_{884}^{2}\ \Phi_{442}^{2}\ \Phi_{221}^{2}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{17}\ \Phi_{13}^{2}\ \Phi_{1}^{2}$
121167	1650	306	$\frac{1}{17}$	$\frac{3}{34}$	$\frac{31}{306}$	$\frac{8}{17}$	$\Phi_{306}^{6}\ \Phi_{153}^{6}\ \Phi_{102}^{6}\ \Phi_{51}^{6}\ \Phi_{18}^{6}\ \Phi_{17}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
121168	1650	1812	$\frac{9}{151}$	$\frac{1}{12}$	$\frac{16}{151}$	$\frac{71}{151}$	$\Phi_{1812}\ \Phi_{906}\ \Phi_{604}\ \Phi_{453}\ \Phi_{302}$
121169	1650	1649	$\frac{35}{1649}$	$\frac{101}{1649}$	$\frac{538}{1649}$	$\frac{774}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_{1}^{2}$
121170	1650	1649	$\frac{101}{1649}$	$\frac{134}{1649}$	$\frac{175}{1649}$	$\frac{774}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_{1}^{2}$
121171	1650	1986	$\frac{16}{331}$	$\frac{21}{331}$	$\frac{1}{6}$	$\frac{155}{331}$	$\Phi_{1986}\ \Phi_{993}\ \Phi_{662}$
121172	1650	1547	$\frac{1}{17}$	$\frac{103}{1547}$	$\frac{16}{119}$	$\frac{722}{1547}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}^{2}\ \Phi_{91}\ \Phi_{17}\ \Phi_{13}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
121173	1650	952	$\frac{1}{17}$	$\frac{8}{119}$	$\frac{127}{952}$	$\frac{111}{238}$	$\Phi_{952}^{2}\ \Phi_{476}^{2}\ \Phi_{136}^{2}\ \Phi_{119}^{2}\ \Phi_{68}^{2}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{17}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
121174	1650	168	$\frac{1}{56}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{168}^{15}\ \Phi_{84}^{14}\ \Phi_{42}^{15}\ \Phi_{24}^{15}\ \Phi_{21}^{15}\ \Phi_{12}^{14}\ \Phi_{6}^{15}\ \Phi_{3}^{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
121175	1650	3052	$\frac{4}{109}$	$\frac{1}{14}$	$\frac{21}{109}$	$\frac{13}{28}$	$\Phi_{3052}\ \Phi_{436}\ \Phi_{109}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
121176	1650	1932	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{1932}^2\ \Phi_{644}\ \Phi_{276}^2\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
121177	1650	3052	$\frac{1}{14}$	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{13}{28}$	$\Phi_{3052}\ \Phi_{436}\ \Phi_{109}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
121178	1650	924	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{13}{28}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}^3\ \Phi_{77}^2\ \Phi_{66}^3\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{11}^2$
121179	1650	1649	$\frac{59}{1649}$	$\frac{121}{1649}$	$\frac{318}{1649}$	$\frac{764}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_1^2$
121180	1650	1742	$\frac{1}{26}$	$\frac{5}{67}$	$\frac{12}{67}$	$\frac{31}{67}$	$\Phi_{1742}\ \Phi_{871}\ \Phi_{134}$
121181	1650	4602	$\frac{1}{59}$	$\frac{58}{767}$	$\frac{1}{3}$	$\frac{709}{1534}$	$\Phi_{4602}\ \Phi_{354}\ \Phi_{177}\ \Phi_{78}\ \Phi_6$
121182	1650	592	$\frac{1}{16}$	$\frac{3}{37}$	$\frac{4}{37}$	$\frac{17}{37}$	$\Phi_{592}^3\ \Phi_{296}^3\ \Phi_{148}^3\ \Phi_{74}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
121183	1650	2016	$\frac{13}{288}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
121184	1650	1649	$\frac{98}{1649}$	$\frac{141}{1649}$	$\frac{179}{1649}$	$\frac{754}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_1^2$
121185	1650	322	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{1}{7}$	$\frac{21}{46}$	$\Phi_{322}^{11}\ \Phi_{161}\ \Phi_{14}^{11}$
121186	1650	1986	$\frac{12}{331}$	$\frac{29}{331}$	$\frac{1}{6}$	$\frac{151}{331}$	$\Phi_{1986}\ \Phi_{993}\ \Phi_{662}$
121187	1650	1649	$\frac{54}{1649}$	$\frac{145}{1649}$	$\frac{299}{1649}$	$\frac{752}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_1^2$
121188	1650	2204	$\frac{12}{551}$	$\frac{49}{551}$	$\frac{1}{4}$	$\frac{251}{551}$	$\Phi_{2204}\ \Phi_{1102}\ \Phi_{116}\ \Phi_{76}\ \Phi_{58}\ \Phi_{38}$
121189	1650	1140	$\frac{1}{76}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{285}^2\ \Phi_{228}^3\ \Phi_{114}^3\ \Phi_{60}\ \Phi_{57}^3\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
121190	1650	2980	$\frac{2}{149}$	$\frac{1}{10}$	$\frac{49}{149}$	$\frac{9}{20}$	$\Phi_{2980}\ \Phi_{596}\ \Phi_{149}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
121191	1650	1020	$\frac{1}{51}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{1020}\ \Phi_{510}^2\ \Phi_{340}\ \Phi_{255}^2\ \Phi_{204}^2\ \Phi_{170}^2\ \Phi_{102}^3\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{60}\ \Phi_{51}^2\ \Phi_{34}^3\ \Phi_{30}^2\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
121192	1650	2980	$\frac{4}{149}$	$\frac{1}{10}$	$\frac{29}{149}$	$\frac{9}{20}$	$\Phi_{2980}\ \Phi_{596}\ \Phi_{149}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
121193	1650	1860	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{1860}^2\ \Phi_{620}\ \Phi_{372}^2\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}$
121194	1650	2980	$\frac{5}{149}$	$\frac{1}{10}$	$\frac{24}{149}$	$\frac{9}{20}$	$\Phi_{2980}\ \Phi_{596}\ \Phi_{149}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
121195	1650	1820	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{1820}^2\ \Phi_{364}^2\ \Phi_{182}\ \Phi_{140}\ \Phi_{91}\ \Phi_{28}\ \Phi_{14}$
121196	1650	2980	$\frac{9}{149}$	$\frac{14}{149}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{2980}\ \Phi_{596}\ \Phi_{149}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
121197	1650	880	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}\ \Phi_{176}^3\ \Phi_{110}^2\ \Phi_{88}^3\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{22}^3\ \Phi_{11}^2$
121198	1650	738	$\frac{1}{82}$	$\frac{1}{9}$	$\frac{27}{82}$	$\frac{4}{9}$	$\Phi_{738}^2\ \Phi_{369}^2\ \Phi_{246}^2\ \Phi_{123}^2\ \Phi_{82}^4\ \Phi_{41}^4\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
121199	1650	504	$\frac{1}{56}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^6\ \Phi_{42}^3\ \Phi_{36}^2\ \Phi_{28}^6\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^6\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8^6\ \Phi_7^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^6$
121200	1650	369	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{8}{41}$	$\frac{4}{9}$	$\Phi_{369}^4\ \Phi_{123}^4\ \Phi_{41}^8\ \Phi_9^5\ \Phi_3^5\ \Phi_1^{10}$
121201	1650	306	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{306}^5\ \Phi_{153}^5\ \Phi_{102}^7\ \Phi_{51}^7\ \Phi_{34}^6\ \Phi_{18}^2\ \Phi_{17}^6\ \Phi_9^3\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
121202	1650	738	$\frac{5}{82}$	$\frac{7}{82}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{738}^2\ \Phi_{369}^2\ \Phi_{246}^2\ \Phi_{123}^2\ \Phi_{82}^4\ \Phi_{41}^4\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
121203	1650	144	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{144}^{11}\ \Phi_{72}^{11}\ \Phi_{48}^{15}\ \Phi_{36}^8\ \Phi_{24}^{15}\ \Phi_{18}^8\ \Phi_{16}^{14}\ \Phi_{12}^{11}\ \Phi_9^9\ \Phi_8^{14}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
121204	1650	3038	$\frac{1}{31}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{3038}\ \Phi_{434}\ \Phi_{217}\ \Phi_{62}$
121205	1650	1984	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}$
121206	1650	97	$\frac{1}{97}$	$\frac{13}{97}$	$\frac{32}{97}$	$\frac{42}{97}$	$\Phi_{97}^{17}\ \Phi_1^{18}$
121207	1650	97	$\frac{2}{97}$	$\frac{13}{97}$	$\frac{19}{97}$	$\frac{42}{97}$	$\Phi_{97}^{17}\ \Phi_1^{18}$
121208	1650	97	$\frac{6}{97}$	$\frac{7}{97}$	$\frac{13}{97}$	$\frac{42}{97}$	$\Phi_{97}^{17}\ \Phi_1^{18}$
121209	1650	2976	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}$
121210	1650	476	$\frac{1}{17}$	$\frac{8}{119}$	$\frac{37}{238}$	$\frac{201}{476}$	$\Phi_{476}^6\ \Phi_{119}^2\ \Phi_{68}^6\ \Phi_{28}^6\ \Phi_{17}\ \Phi_7^2\ \Phi_4^6\ \Phi_1^2$
121211	1650	1649	$\frac{29}{1649}$	$\frac{265}{1649}$	$\frac{324}{1649}$	$\frac{692}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
121212	1650	1736	$\frac{1}{56}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{434}\ \Phi_{248}\ \Phi_{217}\ \Phi_{124}\ \Phi_{62}$
121213	1650	388	$\frac{1}{97}$	$\frac{16}{97}$	$\frac{113}{388}$	$\frac{81}{194}$	$\Phi_{388}^6\ \Phi_{97}^5\ \Phi_4^6\ \Phi_1^6$
121214	1650	1416	$\frac{1}{118}$	$\frac{39}{236}$	$\frac{1}{3}$	$\frac{197}{472}$	$\Phi_{1416}^3\ \Phi_{354}\ \Phi_{177}\ \Phi_{24}^3\ \Phi_6$
121215	1650	34	$\frac{1}{34}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{34}^{50}\ \Phi_{17}^{47}\ \Phi_2^{50}\ \Phi_1^{48}$
121216	1650	1649	$\frac{65}{1649}$	$\frac{144}{1649}$	$\frac{301}{1649}$	$\frac{674}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_1^2$
121217	1650	1649	$\frac{89}{1649}$	$\frac{104}{1649}$	$\frac{309}{1649}$	$\frac{670}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_1^2$
121218	1650	592	$\frac{2}{37}$	$\frac{1}{16}$	$\frac{7}{37}$	$\frac{15}{37}$	$\Phi_{592}^3\ \Phi_{296}^3\ \Phi_{148}^3\ \Phi_{74}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
121219	1650	1812	$\frac{6}{151}$	$\frac{1}{12}$	$\frac{29}{151}$	$\frac{61}{151}$	$\Phi_{1812}\ \Phi_{906}\ \Phi_{604}\ \Phi_{453}\ \Phi_{302}$
121220	1650	1649	$\frac{44}{1649}$	$\frac{197}{1649}$	$\frac{321}{1649}$	$\frac{664}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_1^2$
121221	1650	644	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{9}{46}$	$\frac{37}{92}$	$\Phi_{644}^5\ \Phi_{322}\ \Phi_{161}\ \Phi_{28}^5\ \Phi_{14}$
121222	1650	194	$\frac{2}{97}$	$\frac{29}{194}$	$\frac{19}{97}$	$\frac{39}{97}$	$\Phi_{194}^{10}\ \Phi_{97}^7\ \Phi_2^{10}\ \Phi_1^8$
121223	1650	1986	$\frac{6}{331}$	$\frac{1}{6}$	$\frac{65}{331}$	$\frac{133}{331}$	$\Phi_{1986}\ \Phi_{993}\ \Phi_{662}$
121224	1650	1649	$\frac{24}{1649}$	$\frac{325}{1649}$	$\frac{329}{1649}$	$\frac{662}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_1^2$
121225	1650	2204	$\frac{6}{551}$	$\frac{109}{551}$	$\frac{1}{4}$	$\frac{221}{551}$	$\Phi_{2204}\ \Phi_{1102}\ \Phi_{116}\ \Phi_{76}\ \Phi_{58}\ \Phi_{38}$
121226	1650	2055	$\frac{1}{137}$	$\frac{1}{5}$	$\frac{136}{411}$	$\frac{2}{5}$	$\Phi_{2055}\ \Phi_{411}^2\ \Phi_{15}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
121227	1650	685	$\frac{2}{137}$	$\frac{27}{137}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{685}^2\ \Phi_{137}^4\ \Phi_5^3\ \Phi_1^6$
121228	1650	840	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}\ \Phi_{210}^2\ \Phi_{168}^4\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^4\ \Phi_{70}\ \Phi_{60}^2$ $\Phi_{56}^2\ \Phi_{42}^4\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_8^2$ $\Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
121229	1650	685	$\frac{5}{137}$	$\frac{12}{137}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{685}^2\ \Phi_{137}^4\ \Phi_5^3\ \Phi_1^6$
121230	1650	780	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^4\ \Phi_{130}\ \Phi_{78}^4\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}^4\ \Phi_{39}^4$ $\Phi_{30}\ \Phi_{26}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
121231	1650	2718	$\frac{1}{151}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{2718}\ \Phi_{906}\ \Phi_{453}\ \Phi_{302}$
121232	1650	1992	$\frac{1}{166}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1992}^2\ \Phi_{498}\ \Phi_{249}\ \Phi_{24}\ \Phi_6$
121233	1650	2632	$\frac{2}{329}$	$\frac{1}{4}$	$\frac{109}{329}$	$\frac{3}{8}$	$\Phi_{2632}\ \Phi_{376}\ \Phi_{329}\ \Phi_{56}\ \Phi_{47}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
121234	1650	2416	$\frac{1}{151}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{2416}\ \Phi_{604}\ \Phi_{302}$
121235	1650	888	$\frac{1}{111}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{888}^3\ \Phi_{444}\ \Phi_{296}^3\ \Phi_{222}\ \Phi_{148}\ \Phi_{74}\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
121236	1650	2632	$\frac{4}{329}$	$\frac{65}{329}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2632}\ \Phi_{376}\ \Phi_{329}\ \Phi_{56}\ \Phi_{47}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
121237	1650	1608	$\frac{1}{67}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1608}^2\ \Phi_{536}\ \Phi_{402}\ \Phi_{201}\ \Phi_{134}$
121238	1650	2632	$\frac{5}{329}$	$\frac{54}{329}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2632}\ \Phi_{376}\ \Phi_{329}\ \Phi_{56}\ \Phi_{47}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
121239	1650	56	$\frac{1}{56}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{56}^{29}\ \Phi_{28}^{30}\ \Phi_{14}^{30}\ \Phi_8^{30}\ \Phi_7^{29}\ \Phi_4^{30}\ \Phi_2^{30}\ \Phi_1^{30}$
121240	1650	376	$\frac{1}{47}$	$\frac{23}{188}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{376}^7\ \Phi_{188}^2\ \Phi_{94}^2\ \Phi_{47}\ \Phi_8^8\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
121241	1650	2632	$\frac{9}{329}$	$\frac{32}{329}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2632}\ \Phi_{376}\ \Phi_{329}\ \Phi_{56}\ \Phi_{47}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
121242	1650	1496	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1496}^2\ \Phi_{374}\ \Phi_{187}\ \Phi_{88}\ \Phi_{22}$
121243	1650	2632	$\frac{10}{329}$	$\frac{29}{329}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2632}\ \Phi_{376}\ \Phi_{329}\ \Phi_{56}\ \Phi_{47}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
121244	1650	744	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{744}^4\ \Phi_{372}\ \Phi_{248}^3\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}$
121245	1650	376	$\frac{2}{47}$	$\frac{3}{47}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{376}^7\ \Phi_{47}^7\ \Phi_8^8\ \Phi_1^8$
121246	1650	368	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{368}^5\ \Phi_{184}^4\ \Phi_{92}^5\ \Phi_{46}^5\ \Phi_{23}^4$
121247	1650	1649	$\frac{19}{1649}$	$\frac{326}{1649}$	$\frac{441}{1649}$	$\frac{604}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_1^2$
121248	1650	1736	$\frac{1}{56}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{434}\ \Phi_{248}\ \Phi_{217}\ \Phi_{124}\ \Phi_{62}$
121249	1650	1649	$\frac{43}{1649}$	$\frac{146}{1649}$	$\frac{501}{1649}$	$\frac{574}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
121250	1650	2604	$\frac{1}{31}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{2604}\ \Phi_{868}\ \Phi_{434}\ \Phi_{372}\ \Phi_{217}\ \Phi_{124}\ \Phi_{62}$
121251	1650	1742	$\frac{1}{26}$	$\frac{4}{67}$	$\frac{21}{67}$	$\frac{23}{67}$	$\Phi_{1742}\ \Phi_{871}\ \Phi_{134}$
121252	1650	874	$\frac{1}{23}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{874}^3\ \Phi_{437}\ \Phi_{46}^3$
121253	1650	1649	$\frac{62}{1649}$	$\frac{99}{1649}$	$\frac{529}{1649}$	$\frac{560}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_1^2$
121254	1650	1812	$\frac{4}{151}$	$\frac{1}{12}$	$\frac{49}{151}$	$\frac{51}{151}$	$\Phi_{1812}\ \Phi_{906}\ \Phi_{604}\ \Phi_{453}\ \Phi_{302}$
121255	1650	1649	$\frac{26}{1649}$	$\frac{219}{1649}$	$\frac{541}{1649}$	$\frac{554}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_1^2$
121256	1650	2898	$\frac{1}{69}$	$\frac{1}{7}$	$\frac{68}{207}$	$\frac{139}{414}$	$\Phi_{2898}\ \Phi_{966}\ \Phi_{483}\ \Phi_{322}\ \Phi_{161}\ \Phi_{126}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
121257	1650	1986	$\frac{4}{331}$	$\frac{1}{6}$	$\frac{109}{331}$	$\frac{111}{331}$	$\Phi_{1986}\ \Phi_{993}\ \Phi_{662}$
121258	1650	918	$\frac{1}{34}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}\ \Phi_{54}^2\ \Phi_{51}\ \Phi_{18}^2\ \Phi_6$
121259	1650	912	$\frac{2}{57}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{48}\ \Phi_{38}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
121260	1650	1644	$\frac{1}{137}$	$\frac{1}{4}$	$\frac{136}{411}$	$\frac{1}{3}$	$\Phi_{1644}\ \Phi_{822}\ \Phi_{548}^2\ \Phi_{274}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
121261	1650	354	$\frac{1}{118}$	$\frac{79}{354}$	$\frac{39}{118}$	$\frac{1}{3}$	$\Phi_{354}^4\ \Phi_{177}^4\ \Phi_{118}^6\ \Phi_{59}^6\ \Phi_6^4\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
121262	1650	246	$\frac{1}{82}$	$\frac{1}{6}$	$\frac{27}{82}$	$\frac{1}{3}$	$\Phi_{246}^6\ \Phi_{123}^6\ \Phi_{82}^8\ \Phi_{41}^8\ \Phi_6^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
121263	1650	2478	$\frac{13}{826}$	$\frac{111}{826}$	$\frac{271}{826}$	$\frac{1}{3}$	$\Phi_{2478}\ \Phi_{1239}\ \Phi_{354}\ \Phi_{177}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
121264	1650	444	$\frac{1}{37}$	$\frac{1}{12}$	$\frac{12}{37}$	$\frac{1}{3}$	$\Phi_{444}^4\ \Phi_{222}^4\ \Phi_{148}^4\ \Phi_{111}^2\ \Phi_{74}^4\ \Phi_{37}^4\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
121265	1650	1755	$\frac{2}{65}$	$\frac{2}{27}$	$\frac{21}{65}$	$\frac{1}{3}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{135}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
121266	1650	1218	$\frac{13}{406}$	$\frac{1}{14}$	$\frac{131}{406}$	$\frac{1}{3}$	$\Phi_{1218}^2\ \Phi_{609}^2\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_6^3\ \Phi_3^2$
121267	1650	1296	$\frac{1}{27}$	$\frac{1}{16}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{1296}^2\ \Phi_{648}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
121268	1650	2478	$\frac{31}{826}$	$\frac{51}{826}$	$\frac{265}{826}$	$\frac{1}{3}$	$\Phi_{2478}\ \Phi_{1239}\ \Phi_{354}\ \Phi_{177}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
121269	1650	624	$\frac{1}{26}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{624}^4\ \Phi_{312}^4\ \Phi_{156}^4\ \Phi_{78}^5\ \Phi_{48}^2\ \Phi_{39}^5\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
121270	1650	1653	$\frac{2}{57}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{1653}\ \Phi_{551}\ \Phi_{57}^2\ \Phi_{29}\ \Phi_{19}^2\ \Phi_1^2$
121271	1650	612	$\frac{1}{34}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{612}^4\ \Phi_{306}^4\ \Phi_{153}^4\ \Phi_{102}\ \Phi_{51}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6$
121272	1650	2478	$\frac{23}{826}$	$\frac{73}{826}$	$\frac{251}{826}$	$\frac{1}{3}$	$\Phi_{2478}\ \Phi_{1239}\ \Phi_{354}\ \Phi_{177}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
121273	1650	168	$\frac{1}{56}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{168}^{15}\ \Phi_{84}^{15}\ \Phi_{42}^{15}\ \Phi_{24}^{15}\ \Phi_{21}^{13}\ \Phi_{12}^{15}\ \Phi_6^{15}\ \Phi_3^{12}$
121274	1650	2478	$\frac{11}{826}$	$\frac{163}{826}$	$\frac{221}{826}$	$\frac{1}{3}$	$\Phi_{2478}\ \Phi_{1239}\ \Phi_{354}\ \Phi_{177}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
121275	1650	1140	$\frac{1}{76}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{1140}\ \Phi_{570}\ \Phi_{380}^2\ \Phi_{285}\ \Phi_{228}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{60}\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{19}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
121276	1650	1644	$\frac{2}{137}$	$\frac{27}{137}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1644}^2\ \Phi_{822}^2\ \Phi_{12}^3\ \Phi_6^3$
121277	1650	168	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^9\ \Phi_{84}^9\ \Phi_{56}^{12}\ \Phi_{42}^9\ \Phi_{28}^{12}\ \Phi_{24}^9\ \Phi_{21}^9\ \Phi_{14}^{12}\ \Phi_{12}^6\ \Phi_8^{12}\ \Phi_7^{12}\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
121278	1650	1428	$\frac{1}{34}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1428}^2\ \Phi_{714}^2\ \Phi_{357}^2\ \Phi_{102}\ \Phi_{84}\ \Phi_{51}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
121279	1650	2508	$\frac{2}{57}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{836}\ \Phi_{418}\ \Phi_{44}\ \Phi_{22}$
121280	1650	1644	$\frac{5}{137}$	$\frac{12}{137}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1644}^2\ \Phi_{822}^2\ \Phi_{12}^3\ \Phi_6^3$
121281	1650	156	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^{10}\ \Phi_{78}^{11}\ \Phi_{52}^{12}\ \Phi_{39}^{11}\ \Phi_{26}^{12}\ \Phi_{13}^{12}\ \Phi_{12}^5\ \Phi_6^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
121282	1650	2484	$\frac{1}{23}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{828}\ \Phi_{414}\ \Phi_{92}\ \Phi_{46}$
121283	1650	1092	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{89}{364}$	$\frac{1}{3}$	$\Phi_{1092}^3\ \Phi_{546}^3\ \Phi_{156}^3\ \Phi_{84}^3\ \Phi_{78}^3\ \Phi_{42}^3\ \Phi_{21}\ \Phi_{12}^3\ \Phi_6^3$
121284	1650	144	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{144}^{12}\ \Phi_{72}^{10}\ \Phi_{48}^{13}\ \Phi_{36}^{10}\ \Phi_{24}^{11}\ \Phi_{18}^{12}\ \Phi_{16}^{12}\ \Phi_{12}^{11}\ \Phi_9^{12}\ \Phi_8^{10}\ \Phi_6^{13}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
121285	1650	1872	$\frac{7}{117}$	$\frac{1}{16}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{26}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
121286	1650	1632	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{1632}^2\ \Phi_{816}^2\ \Phi_{102}\ \Phi_{96}\ \Phi_{51}\ \Phi_{48}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
121287	1650	462	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{462}^{7}\,\Phi_{231}^{4}\,\Phi_{66}^{7}\,\Phi_{42}^{5}\,\Phi_{33}^{4}\,\Phi_{21}^{3}\,\Phi_{6}^{5}\,\Phi_{3}^{2}$
121288	1650	945	$\frac{2}{35}$	$\frac{2}{27}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{945}^{2}\,\Phi_{315}^{2}\,\Phi_{189}^{2}\,\Phi_{135}\,\Phi_{63}^{2}\,\Phi_{45}\,\Phi_{35}^{2}\,\Phi_{27}^{2}\,\Phi_{9}^{2}\,\Phi_{7}^{2}\,\Phi_{5}\,\Phi_{1}^{2}$
121289	1650	246	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{8}{41}$	$\frac{1}{3}$	$\Phi_{246}^{8}\,\Phi_{123}^{4}\,\Phi_{82}^{8}\,\Phi_{41}^{8}\,\Phi_{6}^{10}\,\Phi_{3}^{5}\,\Phi_{2}^{10}\,\Phi_{1}^{10}$
121290	1650	354	$\frac{3}{118}$	$\frac{19}{118}$	$\frac{23}{118}$	$\frac{1}{3}$	$\Phi_{354}^{7}\,\Phi_{177}^{7}\,\Phi_{6}^{7}\,\Phi_{3}^{6}$
121291	1650	444	$\frac{2}{37}$	$\frac{1}{12}$	$\frac{7}{37}$	$\frac{1}{3}$	$\Phi_{444}^{4}\,\Phi_{222}^{4}\,\Phi_{148}^{4}\,\Phi_{111}^{2}\,\Phi_{74}^{4}\,\Phi_{37}^{4}\,\Phi_{12}^{6}\,\Phi_{6}^{6}\,\Phi_{4}^{6}\,\Phi_{3}^{3}\,\Phi_{2}^{6}\,\Phi_{1}^{6}$
121292	1650	2478	$\frac{51}{826}$	$\frac{61}{826}$	$\frac{155}{826}$	$\frac{1}{3}$	$\Phi_{2478}\,\Phi_{1239}\,\Phi_{354}\,\Phi_{177}\,\Phi_{42}\,\Phi_{21}\,\Phi_{6}$
121293	1650	432	$\frac{1}{16}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{1}{3}$	$\Phi_{432}^{4}\,\Phi_{216}^{4}\,\Phi_{144}^{4}\,\Phi_{108}^{4}\,\Phi_{72}^{4}\,\Phi_{54}^{4}\,\Phi_{48}^{5}\,\Phi_{36}^{4}\,\Phi_{24}^{5}\,\Phi_{18}^{4}\,\Phi_{16}^{4}\,\Phi_{12}^{5}\,\Phi_{8}^{4}\,\Phi_{6}^{5}\,\Phi_{4}^{4}\,\Phi_{2}^{4}$
121294	1650	2478	$\frac{45}{826}$	$\frac{71}{826}$	$\frac{151}{826}$	$\frac{1}{3}$	$\Phi_{2478}\,\Phi_{1239}\,\Phi_{354}\,\Phi_{177}\,\Phi_{42}\,\Phi_{21}\,\Phi_{6}$
121295	1650	1560	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{1560}^{2}\,\Phi_{780}^{2}\,\Phi_{390}^{2}\,\Phi_{195}^{2}\,\Phi_{120}\,\Phi_{78}\,\Phi_{60}\,\Phi_{39}\,\Phi_{30}\,\Phi_{15}\,\Phi_{6}$
121296	1650	1653	$\frac{2}{57}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{1653}\,\Phi_{551}\,\Phi_{57}^{2}\,\Phi_{29}\,\Phi_{19}^{2}\,\Phi_{1}^{2}$
121297	1650	102	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{102}^{17}\,\Phi_{51}^{17}\,\Phi_{34}^{16}\,\Phi_{17}^{16}\,\Phi_{6}^{9}\,\Phi_{3}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
121298	1650	798	$\frac{2}{57}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{798}^{3}\,\Phi_{399}^{2}\,\Phi_{266}^{3}\,\Phi_{133}^{2}\,\Phi_{42}\,\Phi_{21}\,\Phi_{14}$
121299	1650	246	$\frac{5}{82}$	$\frac{7}{82}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{246}^{6}\,\Phi_{123}^{6}\,\Phi_{82}^{8}\,\Phi_{41}^{8}\,\Phi_{6}^{8}\,\Phi_{3}^{7}\,\Phi_{2}^{10}\,\Phi_{1}^{10}$
121300	1650	48	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{48}^{37}\,\Phi_{24}^{37}\,\Phi_{16}^{36}\,\Phi_{12}^{27}\,\Phi_{8}^{36}\,\Phi_{6}^{29}\,\Phi_{4}^{26}\,\Phi_{3}^{28}\,\Phi_{2}^{28}\,\Phi_{1}^{28}$
121301	1650	351	$\frac{2}{27}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{3}$	$\Phi_{351}^{5}\,\Phi_{117}^{5}\,\Phi_{27}^{6}\,\Phi_{13}^{5}\,\Phi_{9}^{6}\,\Phi_{1}^{6}$
121302	1650	2184	$\frac{2}{39}$	$\frac{37}{312}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2184}\,\Phi_{1092}\,\Phi_{728}\,\Phi_{546}\,\Phi_{364}\,\Phi_{182}\,\Phi_{168}\,\Phi_{84}\,\Phi_{56}\,\Phi_{42}\,\Phi_{28}\,\Phi_{21}\,\Phi_{14}$
121303	1650	420	$\frac{2}{35}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{420}^{7}\,\Phi_{210}^{7}\,\Phi_{105}^{4}\,\Phi_{84}^{5}\,\Phi_{60}^{7}\,\Phi_{42}^{5}\,\Phi_{30}^{7}\,\Phi_{21}^{3}\,\Phi_{15}^{4}\,\Phi_{12}^{5}\,\Phi_{6}^{5}\,\Phi_{3}^{2}$
121304	1650	294	$\frac{19}{294}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{294}^{6}\,\Phi_{147}^{6}\,\Phi_{98}^{6}\,\Phi_{49}^{6}\,\Phi_{42}^{6}\,\Phi_{21}\,\Phi_{14}^{6}\,\Phi_{6}^{6}\,\Phi_{2}^{6}$
121305	1650	546	$\frac{6}{91}$	$\frac{17}{182}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{546}^{5}\,\Phi_{273}^{4}\,\Phi_{78}^{5}\,\Phi_{42}^{5}\,\Phi_{39}^{4}\,\Phi_{21}^{5}\,\Phi_{6}^{5}\,\Phi_{3}^{4}$
121306	1650	756	$\frac{2}{27}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{756}^{3}\,\Phi_{378}^{3}\,\Phi_{252}^{3}\,\Phi_{189}^{2}\,\Phi_{126}^{3}\,\Phi_{84}\,\Phi_{63}^{2}\,\Phi_{42}\,\Phi_{28}\,\Phi_{21}\,\Phi_{14}$
121307	1650	1008	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{3}$	$\Phi_{1008}^{2}\,\Phi_{504}^{2}\,\Phi_{336}^{2}\,\Phi_{252}^{2}\,\Phi_{168}^{2}\,\Phi_{126}^{2}\,\Phi_{112}^{2}\,\Phi_{84}^{2}\,\Phi_{56}^{2}\,\Phi_{48}\,\Phi_{42}^{2}\,\Phi_{28}^{2}\,\Phi_{24}\,\Phi_{14}^{2}\,\Phi_{12}\,\Phi_{6}$
121308	1650	2235	$\frac{2}{149}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{49}{149}$	$\Phi_{2235}\,\Phi_{447}\,\Phi_{149}\,\Phi_{15}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
121309	1650	408	$\frac{3}{136}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{133}{408}$	$\Phi_{408}^{6}\,\Phi_{204}^{6}\,\Phi_{102}^{6}\,\Phi_{51}^{6}\,\Phi_{24}^{6}\,\Phi_{17}\,\Phi_{12}^{6}\,\Phi_{6}^{6}\,\Phi_{3}^{6}\,\Phi_{1}^{2}$
121310	1650	2856	$\frac{3}{136}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{133}{408}$	$\Phi_{2856}\,\Phi_{1428}\,\Phi_{714}\,\Phi_{357}\,\Phi_{168}\,\Phi_{84}\,\Phi_{42}\,\Phi_{28}\,\Phi_{21}\,\Phi_{14}$
121311	1650	518	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{12}{37}$	$\Phi_{518}^{4}\,\Phi_{259}^{2}\,\Phi_{74}^{4}\,\Phi_{37}^{4}\,\Phi_{14}^{6}\,\Phi_{7}^{3}\,\Phi_{2}^{6}\,\Phi_{1}^{6}$
121312	1650	2340	$\frac{2}{65}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{21}{65}$	$\Phi_{2340}\,\Phi_{1170}\,\Phi_{585}\,\Phi_{468}\,\Phi_{234}\,\Phi_{180}\,\Phi_{117}\,\Phi_{90}\,\Phi_{65}\,\Phi_{45}\,\Phi_{36}^{2}\,\Phi_{18}^{2}\,\Phi_{13}\,\Phi_{9}^{2}\,\Phi_{5}\,\Phi_{1}^{2}$
121313	1650	1820	$\frac{2}{65}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{21}{65}$	$\Phi_{1820}\,\Phi_{910}\,\Phi_{455}\,\Phi_{364}\,\Phi_{182}\,\Phi_{140}\,\Phi_{91}\,\Phi_{70}\,\Phi_{65}\,\Phi_{35}\,\Phi_{28}^{2}\,\Phi_{14}^{2}\,\Phi_{13}\,\Phi_{7}^{2}\,\Phi_{5}\,\Phi_{1}^{2}$
121314	1650	2080	$\frac{2}{65}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{21}{65}$	$\Phi_{2080}\,\Phi_{1040}\,\Phi_{416}\,\Phi_{208}\,\Phi_{160}\,\Phi_{80}\,\Phi_{65}\,\Phi_{32}^{2}\,\Phi_{16}^{2}\,\Phi_{13}\,\Phi_{5}\,\Phi_{1}^{2}$
121315	1650	390	$\frac{2}{65}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{21}{65}$	$\Phi_{390}^{4}\,\Phi_{195}^{4}\,\Phi_{130}^{4}\,\Phi_{78}^{4}\,\Phi_{65}^{5}\,\Phi_{39}^{4}\,\Phi_{30}^{4}\,\Phi_{26}^{4}\,\Phi_{15}^{4}\,\Phi_{13}^{5}\,\Phi_{10}^{4}\,\Phi_{6}^{8}\,\Phi_{5}^{5}\,\Phi_{3}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{10}$
121316	1650	2436	$\frac{1}{29}$	$\frac{59}{609}$	$\frac{1}{4}$	$\frac{28}{87}$	$\Phi_{2436}\,\Phi_{1218}\,\Phi_{812}\,\Phi_{406}\,\Phi_{116}\,\Phi_{84}\,\Phi_{58}\,\Phi_{42}\,\Phi_{28}\,\Phi_{14}$
121317	1650	2349	$\frac{1}{27}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{26}{81}$	$\Phi_{2349}\,\Phi_{81}^{2}\,\Phi_{29}\,\Phi_{1}^{2}$
121318	1650	3564	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{26}{81}$	$\Phi_{3564}\,\Phi_{1782}\,\Phi_{44}\,\Phi_{22}$
121319	1650	2349	$\frac{1}{27}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{26}{81}$	$\Phi_{2349}\,\Phi_{81}^{2}\,\Phi_{29}\,\Phi_{1}^{2}$
121320	1650	1134	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{26}{81}$	$\Phi_{1134}^{3}\,\Phi_{567}^{2}\,\Phi_{42}\,\Phi_{21}\,\Phi_{14}$
121321	1650	1649	$\frac{62}{1649}$	$\frac{224}{1649}$	$\frac{285}{1649}$	$\frac{529}{1649}$	$\Phi_{1649}\,\Phi_{97}\,\Phi_{17}\,\Phi_{1}^{2}$
121322	1650	1986	$\frac{13}{331}$	$\frac{45}{331}$	$\frac{1}{6}$	$\frac{106}{331}$	$\Phi_{1986}\,\Phi_{993}\,\Phi_{662}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
121323	1650	323	$\frac{14}{323}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{103}{323}$	$\Phi_{323}^{5}\ \Phi_{19}^{5}\ \Phi_{17}^{7}\ \Phi_{1}^{8}$
121324	1650	51	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{7}{51}$	$\frac{16}{51}$	$\Phi_{51}^{30}\ \Phi_{17}^{37}\ \Phi_{3}^{30}\ \Phi_{1}^{38}$
121325	1650	784	$\frac{1}{16}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{5}{16}$	$\Phi_{784}^{2}\ \Phi_{392}^{2}\ \Phi_{196}^{2}\ \Phi_{112}^{2}\ \Phi_{98}^{2}\ \Phi_{56}^{2}\ \Phi_{49}^{3}\ \Phi_{28}^{2}\ \Phi_{16}^{4}\ \Phi_{14}^{2}\ \Phi_{8}^{4}\ \Phi_{7}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
121326	1650	528	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{16}$	$\Phi_{528}^{4}\ \Phi_{264}^{4}\ \Phi_{176}^{2}\ \Phi_{132}^{4}\ \Phi_{88}^{2}\ \Phi_{66}^{5}\ \Phi_{44}^{2}\ \Phi_{33}^{5}\ \Phi_{22}^{3}\ \Phi_{11}^{2}$
121327	1650	112	$\frac{1}{16}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{5}{16}$	$\Phi_{112}^{14}\ \Phi_{56}^{14}\ \Phi_{28}^{16}\ \Phi_{16}^{16}\ \Phi_{14}^{16}\ \Phi_{8}^{16}\ \Phi_{7}^{15}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
121328	1650	357	$\frac{1}{17}$	$\frac{8}{119}$	$\frac{82}{357}$	$\frac{37}{119}$	$\Phi_{357}^{6}\ \Phi_{119}^{2}\ \Phi_{51}^{6}\ \Phi_{21}^{6}\ \Phi_{17}\ \Phi_{7}^{2}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
121329	1650	1596	$\frac{1}{19}$	$\frac{9}{133}$	$\frac{1}{4}$	$\frac{124}{399}$	$\Phi_{1596}^{2}\ \Phi_{798}^{2}\ \Phi_{228}^{2}\ \Phi_{114}^{2}\ \Phi_{84}^{2}\ \Phi_{76}\ \Phi_{42}^{2}\ \Phi_{38}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
121330	1650	2088	$\frac{1}{18}$	$\frac{2}{29}$	$\frac{17}{72}$	$\frac{9}{29}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{116}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{29}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
121331	1650	783	$\frac{2}{29}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{9}{29}$	$\Phi_{783}^{2}\ \Phi_{261}^{2}\ \Phi_{87}^{2}\ \Phi_{29}^{3}\ \Phi_{27}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
121332	1650	348	$\frac{2}{29}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{9}{29}$	$\Phi_{348}^{5}\ \Phi_{174}^{4}\ \Phi_{116}^{5}\ \Phi_{87}^{4}\ \Phi_{58}^{4}\ \Phi_{29}^{5}\ \Phi_{12}^{10}\ \Phi_{6}^{8}\ \Phi_{4}^{10}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
121333	1650	1827	$\frac{2}{29}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{9}{29}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{203}\ \Phi_{63}^{2}\ \Phi_{29}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
121334	1650	1649	$\frac{114}{1649}$	$\frac{122}{1649}$	$\frac{307}{1649}$	$\frac{509}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_{1}^{2}$
121335	1650	1826	$\frac{13}{166}$	$\frac{1}{11}$	$\frac{23}{166}$	$\frac{51}{166}$	$\Phi_{1826}\ \Phi_{913}\ \Phi_{22}$
121336	1650	1649	$\frac{104}{1649}$	$\frac{134}{1649}$	$\frac{309}{1649}$	$\frac{505}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_{1}^{2}$
121337	1650	1649	$\frac{137}{1649}$	$\frac{142}{1649}$	$\frac{229}{1649}$	$\frac{504}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_{1}^{2}$
121338	1650	828	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{828}^{3}\ \Phi_{414}^{3}\ \Phi_{207}^{3}\ \Phi_{92}\ \Phi_{46}$
121339	1650	1260	$\frac{2}{35}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{252}^{2}\ \Phi_{180}\ \Phi_{126}^{2}\ \Phi_{90}\ \Phi_{63}^{2}\ \Phi_{45}\ \Phi_{36}^{2}\ \Phi_{35}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
121340	1650	468	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{2}{13}$	$\frac{11}{36}$	$\Phi_{468}^{5}\ \Phi_{234}^{5}\ \Phi_{117}^{5}\ \Phi_{36}^{6}\ \Phi_{18}^{6}\ \Phi_{13}^{5}\ \Phi_{9}^{6}\ \Phi_{1}^{6}$
121341	1650	252	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{36}$	$\Phi_{252}^{11}\ \Phi_{126}^{11}\ \Phi_{84}\ \Phi_{63}^{11}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
121342	1650	1986	$\frac{23}{331}$	$\frac{28}{331}$	$\frac{1}{6}$	$\frac{101}{331}$	$\Phi_{1986}\ \Phi_{993}\ \Phi_{662}$
121343	1650	1812	$\frac{1}{12}$	$\frac{13}{151}$	$\frac{21}{151}$	$\frac{46}{151}$	$\Phi_{1812}\ \Phi_{906}\ \Phi_{604}\ \Phi_{453}\ \Phi_{302}$
121344	1650	1649	$\frac{129}{1649}$	$\frac{152}{1649}$	$\frac{230}{1649}$	$\frac{499}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_{1}^{2}$
121345	1650	1986	$\frac{21}{331}$	$\frac{31}{331}$	$\frac{1}{6}$	$\frac{100}{331}$	$\Phi_{1986}\ \Phi_{993}\ \Phi_{662}$
121346	1650	291	$\frac{16}{291}$	$\frac{10}{97}$	$\frac{17}{97}$	$\frac{29}{97}$	$\Phi_{291}^{6}\ \Phi_{97}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
121347	1650	3132	$\frac{1}{29}$	$\frac{28}{261}$	$\frac{1}{4}$	$\frac{233}{783}$	$\Phi_{3132}\ \Phi_{1566}\ \Phi_{116}\ \Phi_{108}\ \Phi_{58}\ \Phi_{54}$
121348	1650	68	$\frac{3}{68}$	$\frac{2}{17}$	$\frac{13}{68}$	$\frac{5}{17}$	$\Phi_{68}^{24}\ \Phi_{34}^{24}\ \Phi_{17}^{25}\ \Phi_{4}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{26}$
121349	1650	289	$\frac{14}{289}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{289}^{6}\ \Phi_{17}\ \Phi_{1}^{2}$
121350	1650	136	$\frac{11}{136}$	$\frac{15}{136}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{136}^{12}\ \Phi_{68}^{12}\ \Phi_{34}^{12}\ \Phi_{17}^{13}\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
121351	1650	306	$\frac{3}{34}$	$\frac{31}{306}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{306}^{6}\ \Phi_{153}^{6}\ \Phi_{102}^{6}\ \Phi_{51}^{6}\ \Phi_{18}^{6}\ \Phi_{17}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
121352	1650	2232	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{558}\ \Phi_{279}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}$
121353	1650	434	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{434}^{5}\ \Phi_{217}^{3}\ \Phi_{62}^{5}\ \Phi_{31}^{2}$
121354	1650	763	$\frac{4}{109}$	$\frac{1}{7}$	$\frac{21}{109}$	$\frac{2}{7}$	$\Phi_{763}^{2}\ \Phi_{109}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
121355	1650	966	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{966}^{2}\ \Phi_{483}^{2}\ \Phi_{322}^{2}\ \Phi_{138}^{3}\ \Phi_{69}^{3}\ \Phi_{46}^{3}$
121356	1650	763	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{763}^{2}\ \Phi_{109}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
121357	1650	924	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{231}^{2}\ \Phi_{154}^{2}\ \Phi_{132}^{3}\ \Phi_{66}^{3}\ \Phi_{44}^{3}\ \Phi_{33}^{3}\ \Phi_{22}^{3}$
121358	1650	1649	$\frac{54}{1649}$	$\frac{266}{1649}$	$\frac{319}{1649}$	$\frac{461}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_{1}^{2}$
121359	1650	2016	$\frac{13}{288}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
121360	1650	1748	$\frac{1}{23}$	$\frac{11}{76}$	$\frac{13}{76}$	$\frac{21}{76}$	$\Phi_{1748}\ \Phi_{874}\ \Phi_{437}\ \Phi_{92}\ \Phi_{46}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
121361	1650	1649	$\frac{109}{1649}$	$\frac{154}{1649}$	$\frac{299}{1649}$	$\frac{450}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_{1}^{2}$
121362	1650	1649	$\frac{120}{1649}$	$\frac{139}{1649}$	$\frac{302}{1649}$	$\frac{449}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_{1}^{2}$
121363	1650	1812	$\frac{11}{151}$	$\frac{1}{12}$	$\frac{28}{151}$	$\frac{41}{151}$	$\Phi_{1812}\ \Phi_{906}\ \Phi_{604}\ \Phi_{453}\ \Phi_{302}$
121364	1650	1826	$\frac{11}{166}$	$\frac{1}{11}$	$\frac{31}{166}$	$\frac{45}{166}$	$\Phi_{1826}\ \Phi_{913}\ \Phi_{22}$
121365	1650	1649	$\frac{64}{1649}$	$\frac{241}{1649}$	$\frac{317}{1649}$	$\frac{444}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_{1}^{2}$
121366	1650	1986	$\frac{11}{331}$	$\frac{1}{6}$	$\frac{64}{331}$	$\frac{89}{331}$	$\Phi_{1986}\ \Phi_{993}\ \Phi_{662}$
121367	1650	1020	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{340}^{2}\ \Phi_{204}^{3}\ \Phi_{170}^{2}\ \Phi_{102}^{3}\ \Phi_{68}^{3}\ \Phi_{60}\ \Phi_{34}^{3}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
121368	1650	2235	$\frac{4}{149}$	$\frac{29}{149}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2235}\ \Phi_{447}\ \Phi_{149}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
121369	1650	930	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{930}^{2}\ \Phi_{465}\ \Phi_{310}^{2}\ \Phi_{186}^{3}\ \Phi_{155}^{2}\ \Phi_{93}^{2}\ \Phi_{62}^{3}\ \Phi_{31}^{2}$
121370	1650	2235	$\frac{5}{149}$	$\frac{24}{149}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2235}\ \Phi_{447}\ \Phi_{149}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
121371	1650	2730	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{273}\ \Phi_{210}\ \Phi_{182}\ \Phi_{91}\ \Phi_{42}\ \Phi_{14}$
121372	1650	2235	$\frac{9}{149}$	$\frac{14}{149}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2235}\ \Phi_{447}\ \Phi_{149}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
121373	1650	2640	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{22}$
121374	1650	644	$\frac{1}{23}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{644}^{3}\ \Phi_{322}^{3}\ \Phi_{161}^{3}\ \Phi_{92}\ \Phi_{46}$
121375	1650	116	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{7}{29}$	$\frac{1}{4}$	$\Phi_{116}^{19}\ \Phi_{58}^{19}\ \Phi_{4}^{18}\ \Phi_{2}^{18}$
121376	1650	304	$\frac{1}{19}$	$\frac{29}{304}$	$\frac{9}{38}$	$\frac{1}{4}$	$\Phi_{304}^{6}\ \Phi_{152}^{6}\ \Phi_{76}^{3}\ \Phi_{38}^{5}\ \Phi_{19}^{4}\ \Phi_{16}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
121377	1650	792	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{17}{72}$	$\frac{1}{4}$	$\Phi_{792}^{3}\ \Phi_{396}\ \Phi_{264}^{3}\ \Phi_{198}^{2}\ \Phi_{132}\ \Phi_{99}^{2}\ \Phi_{88}^{3}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{3}\ \Phi_{22}^{2}\ \Phi_{11}^{2}$
121378	1650	736	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{736}^{3}\ \Phi_{368}^{3}\ \Phi_{92}\ \Phi_{46}$
121379	1650	364	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{364}^{6}\ \Phi_{182}^{3}\ \Phi_{91}^{3}\ \Phi_{52}^{8}\ \Phi_{28}^{3}\ \Phi_{26}^{4}\ \Phi_{14}^{2}\ \Phi_{13}^{4}\ \Phi_{7}\ \Phi_{4}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
121380	1650	348	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{73}{348}$	$\frac{1}{4}$	$\Phi_{348}^{4}\ \Phi_{174}^{4}\ \Phi_{116}^{5}\ \Phi_{87}^{6}\ \Phi_{58}^{5}\ \Phi_{29}^{6}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
121381	1650	140	$\frac{2}{35}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^{11}\ \Phi_{70}^{11}\ \Phi_{35}^{13}\ \Phi_{28}^{12}\ \Phi_{20}^{12}\ \Phi_{14}^{12}\ \Phi_{10}^{12}\ \Phi_{7}^{14}\ \Phi_{5}^{13}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
121382	1650	1308	$\frac{4}{109}$	$\frac{1}{6}$	$\frac{21}{109}$	$\frac{1}{4}$	$\Phi_{1308}^{2}\ \Phi_{654}\ \Phi_{436}\ \Phi_{327}\ \Phi_{109}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
121383	1650	2204	$\frac{21}{551}$	$\frac{89}{551}$	$\frac{106}{551}$	$\frac{1}{4}$	$\Phi_{2204}\ \Phi_{1102}\ \Phi_{116}\ \Phi_{76}\ \Phi_{58}\ \Phi_{38}$
121384	1650	476	$\frac{3}{68}$	$\frac{1}{7}$	$\frac{13}{68}$	$\frac{1}{4}$	$\Phi_{476}^{4}\ \Phi_{238}^{4}\ \Phi_{119}^{4}\ \Phi_{28}^{5}\ \Phi_{14}^{5}\ \Phi_{7}^{4}$
121385	1650	2016	$\frac{13}{288}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
121386	1650	1188	$\frac{2}{27}$	$\frac{1}{11}$	$\frac{5}{27}$	$\frac{1}{4}$	$\Phi_{1188}^{2}\ \Phi_{594}^{2}\ \Phi_{396}^{2}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{3}\ \Phi_{22}^{3}$
121387	1650	588	$\frac{4}{49}$	$\frac{1}{12}$	$\frac{9}{49}$	$\frac{1}{4}$	$\Phi_{588}^{3}\ \Phi_{294}^{3}\ \Phi_{196}^{2}\ \Phi_{147}^{3}\ \Phi_{98}^{2}\ \Phi_{84}^{3}\ \Phi_{49}^{3}\ \Phi_{42}^{3}\ \Phi_{28}^{2}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{6}\ \Phi_{7}^{3}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
121388	1650	2204	$\frac{45}{551}$	$\frac{46}{551}$	$\frac{101}{551}$	$\frac{1}{4}$	$\Phi_{2204}\ \Phi_{1102}\ \Phi_{116}\ \Phi_{76}\ \Phi_{58}\ \Phi_{38}$
121389	1650	2204	$\frac{41}{551}$	$\frac{51}{551}$	$\frac{100}{551}$	$\frac{1}{4}$	$\Phi_{2204}\ \Phi_{1102}\ \Phi_{116}\ \Phi_{76}\ \Phi_{58}\ \Phi_{38}$
121390	1650	532	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{23}{133}$	$\frac{1}{4}$	$\Phi_{532}^{4}\ \Phi_{266}^{4}\ \Phi_{76}^{5}\ \Phi_{38}^{5}\ \Phi_{28}^{4}\ \Phi_{14}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
121391	1650	116	$\frac{3}{58}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\Phi_{116}^{19}\ \Phi_{58}^{9}\ \Phi_{29}^{10}\ \Phi_{4}^{18}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
121392	1650	276	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{276}^{8}\ \Phi_{138}^{4}\ \Phi_{92}^{9}\ \Phi_{69}^{4}\ \Phi_{46}^{5}\ \Phi_{23}^{4}$
121393	1650	1308	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1308}^{2}\ \Phi_{654}\ \Phi_{436}\ \Phi_{327}\ \Phi_{109}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
121394	1650	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{132}^{13}\ \Phi_{66}^{14}\ \Phi_{44}^{14}\ \Phi_{33}^{14}\ \Phi_{22}^{15}\ \Phi_{11}^{14}$
121395	1650	364	$\frac{1}{13}$	$\frac{3}{28}$	$\frac{2}{13}$	$\frac{1}{4}$	$\Phi_{364}^{5}\ \Phi_{182}^{5}\ \Phi_{91}^{5}\ \Phi_{28}^{6}\ \Phi_{14}^{6}\ \Phi_{13}^{5}\ \Phi_{7}^{6}\ \Phi_{1}^{6}$
121396	1650	84	$\frac{1}{12}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{84}^{21}\ \Phi_{42}^{21}\ \Phi_{28}^{16}\ \Phi_{21}^{21}\ \Phi_{14}^{16}\ \Phi_{12}^{24}\ \Phi_{7}^{15}\ \Phi_{6}^{24}\ \Phi_{4}^{18}\ \Phi_{3}^{24}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
121397	1650	2772	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{4}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{154}\ \Phi_{44}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
121398	1650	2088	$\frac{1}{18}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{17}{72}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{116}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{29}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
121399	1650	504	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{17}{72}$	$\Phi_{504}^5\ \Phi_{252}^5\ \Phi_{168}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{42}\ \Phi_{28}^5\ \Phi_{21}\ \Phi_{14}$
121400	1650	1120	$\frac{2}{35}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{224}^2\ \Phi_{160}\ \Phi_{112}^2\ \Phi_{80}\ \Phi_{35}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
121401	1650	416	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{2}{13}$	$\frac{7}{32}$	$\Phi_{416}^5\ \Phi_{208}^5\ \Phi_{32}^6\ \Phi_{16}^6\ \Phi_{13}^5\ \Phi_1^6$
121402	1650	672	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{32}$	$\Phi_{672}^4\ \Phi_{336}^4\ \Phi_{224}^3\ \Phi_{112}^3\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
121403	1650	518	$\frac{2}{37}$	$\frac{1}{7}$	$\frac{7}{37}$	$\frac{3}{14}$	$\Phi_{518}^4\ \Phi_{259}^2\ \Phi_{74}^4\ \Phi_{37}^4\ \Phi_{14}^6\ \Phi_7^3\ \Phi_2^6\ \Phi_1^6$
121404	1650	336	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^3\ \Phi_{84}^6\ \Phi_{56}^3\ \Phi_{48}^8\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{24}^8\ \Phi_{21}^3\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_{12}^8\ \Phi_8^4\ \Phi_7\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^2$
121405	1650	210	$\frac{2}{35}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{210}^8\ \Phi_{105}^8\ \Phi_{70}^8\ \Phi_{42}^8\ \Phi_{35}^{10}\ \Phi_{30}^4\ \Phi_{21}^8\ \Phi_{15}^4\ \Phi_{14}^8\ \Phi_{10}^4\ \Phi_7^{10}\ \Phi_6^8\ \Phi_5^5\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
121406	1650	783	$\frac{2}{27}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{5}{27}$	$\Phi_{783}^2\ \Phi_{261}^2\ \Phi_{87}^2\ \Phi_{29}^3\ \Phi_{27}^4\ \Phi_9^4\ \Phi_3^4\ \Phi_1^6$
121407	1650	378	$\frac{2}{27}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{27}$	$\Phi_{378}^6\ \Phi_{189}^4\ \Phi_{126}^6\ \Phi_{63}^4\ \Phi_{42}^7\ \Phi_{21}^5\ \Phi_{14}^7\ \Phi_7^4$
121408	1650	1649	$\frac{124}{1649}$	$\frac{224}{1649}$	$\frac{285}{1649}$	$\frac{305}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_1^2$
121409	1650	644	$\frac{7}{92}$	$\frac{1}{7}$	$\frac{15}{92}$	$\frac{17}{92}$	$\Phi_{644}^3\ \Phi_{322}^3\ \Phi_{161}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^2$
121410	1650	1649	$\frac{129}{1649}$	$\frac{230}{1649}$	$\frac{269}{1649}$	$\frac{304}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_1^2$
121411	1650	1986	$\frac{26}{331}$	$\frac{45}{331}$	$\frac{1}{6}$	$\frac{61}{331}$	$\Phi_{1986}\ \Phi_{993}\ \Phi_{662}$
121412	1650	1960	$\frac{4}{49}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{9}{49}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{280}\ \Phi_{245}\ \Phi_{140}\ \Phi_{70}\ \Phi_{49}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
121413	1650	1320	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{40}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{440}\ \Phi_{330}^2\ \Phi_{220}\ \Phi_{165}^2\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}$
121414	1650	280	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{40}$	$\Phi_{280}^7\ \Phi_{140}^7\ \Phi_{70}^7\ \Phi_{40}^8\ \Phi_{35}^7\ \Phi_{28}^2\ \Phi_{20}^8\ \Phi_{14}^2\ \Phi_{10}^8\ \Phi_7\ \Phi_5^8\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
121415	1650	348	$\frac{1}{12}$	$\frac{4}{29}$	$\frac{1}{6}$	$\frac{5}{29}$	$\Phi_{348}^5\ \Phi_{174}^4\ \Phi_{116}^5\ \Phi_{87}^4\ \Phi_{58}^4\ \Phi_{29}^5\ \Phi_{12}^{10}\ \Phi_6^8\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
121416	1650	1827	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{4}{29}$	$\frac{5}{29}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{203}\ \Phi_{63}^2\ \Phi_{29}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
121417	1650	1812	$\frac{1}{12}$	$\frac{21}{151}$	$\frac{25}{151}$	$\frac{26}{151}$	$\Phi_{1812}\ \Phi_{906}\ \Phi_{604}\ \Phi_{453}\ \Phi_{302}$
121418	1650	1649	$\frac{125}{1649}$	$\frac{254}{1649}$	$\frac{274}{1649}$	$\frac{279}{1649}$	$\Phi_{1649}\ \Phi_{97}\ \Phi_{17}\ \Phi_1^2$
121419	1650	1986	$\frac{25}{331}$	$\frac{51}{331}$	$\frac{1}{6}$	$\frac{56}{331}$	$\Phi_{1986}\ \Phi_{993}\ \Phi_{662}$
121420	1650	78	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{78}^{20}\ \Phi_{39}^{20}\ \Phi_{26}^{20}\ \Phi_{13}^{25}\ \Phi_6^{24}\ \Phi_3^{24}\ \Phi_2^{24}\ \Phi_1^{30}$
121421	1650	84	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{84}^{25}\ \Phi_{42}^{21}\ \Phi_{28}^{25}\ \Phi_{21}^{21}\ \Phi_{14}^{21}\ \Phi_7^{20}$
121422	1650	2268	$\frac{5}{54}$	$\frac{1}{7}$	$\frac{49}{324}$	$\frac{1}{6}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{252}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
121423	1650	126	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{126}^{15}\ \Phi_{63}^{10}\ \Phi_{42}^{16}\ \Phi_{21}^{11}\ \Phi_{18}^{18}\ \Phi_{14}^{16}\ \Phi_9^{12}\ \Phi_7^{10}\ \Phi_6^{18}\ \Phi_3^{12}\ \Phi_2^{18}\ \Phi_1^{12}$
121424	1651	2640	$\frac{1}{330}$	$\frac{331}{1320}$	$\frac{989}{2640}$	$\frac{329}{660}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{660}\ \Phi_{528}\ \Phi_{240}\ \Phi_{220}\ \Phi_{176}\ \Phi_{132}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{44}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
121425	1651	3288	$\frac{7}{1644}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1637}{3288}$	$\Phi_{3288}\ \Phi_{1096}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
121426	1651	3000	$\frac{1}{150}$	$\frac{151}{1500}$	$\frac{1349}{3000}$	$\frac{149}{300}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{120}\ \Phi_{100}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
121427	1651	3280	$\frac{11}{1640}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1629}{3280}$	$\Phi_{3280}\ \Phi_{656}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
121428	1651	504	$\frac{1}{126}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{125}{252}$	$\Phi_{504}^6\ \Phi_{252}\ \Phi_{168}^6\ \Phi_{84}\ \Phi_{72}^6\ \Phi_{56}^6\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}^7\ \Phi_{12}\ \Phi_8^7\ \Phi_4\ \Phi_1$
121429	1651	1260	$\frac{1}{126}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{125}{252}$	$\Phi_{1260}^3\ \Phi_{420}^3\ \Phi_{252}\ \Phi_{180}^3\ \Phi_{140}^3\ \Phi_{84}\ \Phi_{60}^3\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
121430	1651	252	$\frac{1}{126}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{125}{252}$	$\Phi_{252}^{13}\ \Phi_{84}^{13}\ \Phi_{36}^{13}\ \Phi_{28}^{13}\ \Phi_{18}\ \Phi_{12}^{13}\ \Phi_9\ \Phi_4^{13}\ \Phi_1$
121431	1651	1008	$\frac{1}{126}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{125}{252}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
121432	1651	2208	$\frac{5}{552}$	$\frac{1}{6}$	$\frac{557}{2208}$	$\frac{547}{1104}$	$\Phi_{2208}\ \Phi_{736}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{96}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{32}\ \Phi_{24}\ \Phi_{23}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
121433	1651	3080	$\frac{1}{110}$	$\frac{111}{1540}$	$\frac{1429}{3080}$	$\frac{109}{220}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{220}\ \Phi_{88}\ \Phi_{56}\ \Phi_{44}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
121434	1651	3264	$\frac{19}{1632}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1613}{3264}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{192}\ \Phi_{64}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
121435	1651	3256	$\frac{23}{1628}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{1605}{3256}$	$\Phi_{3256}\ \Phi_{296}\ \Phi_{88}\ \Phi_{44}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
121436	1651	3168	$\frac{1}{66}$	$\frac{67}{1584}$	$\frac{1517}{3168}$	$\frac{65}{132}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{132}\ \Phi_{96}\ \Phi_{44}\ \Phi_{32}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
121437	1651	2376	$\frac{1}{66}$	$\frac{67}{792}$	$\frac{725}{2376}$	$\frac{65}{132}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{132}\ \Phi_{108}\ \Phi_{54}\ \Phi_{44}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
121438	1651	1848	$\frac{1}{66}$	$\frac{197}{1848}$	$\frac{67}{264}$	$\frac{65}{132}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
121439	1651	2112	$\frac{1}{66}$	$\frac{67}{528}$	$\frac{461}{2112}$	$\frac{65}{132}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{64}\ \Phi_{44}\ \Phi_{32}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
121440	1651	1980	$\frac{1}{66}$	$\frac{329}{1980}$	$\frac{67}{396}$	$\frac{65}{132}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
121441	1651	3240	$\frac{31}{1620}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{1589}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
121442	1651	3240	$\frac{31}{1620}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1589}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
121443	1651	3240	$\frac{31}{1620}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1589}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
121444	1651	3200	$\frac{1}{50}$	$\frac{51}{1600}$	$\frac{1549}{3200}$	$\frac{49}{100}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{128}\ \Phi_{100}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
121445	1651	2400	$\frac{1}{50}$	$\frac{51}{800}$	$\frac{749}{2400}$	$\frac{49}{100}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
121446	1651	1800	$\frac{1}{50}$	$\frac{149}{1800}$	$\frac{51}{200}$	$\frac{49}{100}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
121447	1651	2000	$\frac{1}{50}$	$\frac{51}{400}$	$\frac{349}{2000}$	$\frac{49}{100}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{100}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
121448	1651	1740	$\frac{2}{87}$	$\frac{89}{1740}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{290}\ \Phi_{145}\ \Phi_{116}\ \Phi_{87}\ \Phi_{60}\ \Phi_{30}\ \Phi_{29}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
121449	1651	1736	$\frac{3}{124}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{121}{248}$	$\Phi_{1736}^2\ \Phi_{248}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
121450	1651	2220	$\frac{14}{555}$	$\frac{1}{15}$	$\frac{569}{2220}$	$\frac{541}{1110}$	$\Phi_{2220}\ \Phi_{740}\ \Phi_{555}\ \Phi_{444}\ \Phi_{185}\ \Phi_{148}\ \Phi_{111}\ \Phi_{60}\ \Phi_{37}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
121451	1651	2160	$\frac{1}{30}$	$\frac{31}{540}$	$\frac{509}{2160}$	$\frac{29}{60}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
121452	1651	1800	$\frac{1}{30}$	$\frac{149}{1800}$	$\frac{31}{180}$	$\frac{29}{60}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
121453	1651	3192	$\frac{55}{1596}$	$\frac{2}{57}$	$\frac{1}{3}$	$\frac{1541}{3192}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{168}\ \Phi_{152}\ \Phi_{57}\ \Phi_{56}\ \Phi_{24}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
121454	1651	1710	$\frac{59}{1710}$	$\frac{2}{57}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{342}\ \Phi_{285}\ \Phi_{190}\ \Phi_{171}\ \Phi_{95}\ \Phi_{90}\ \Phi_{57}\ \Phi_{45}\ \Phi_{30}\ \Phi_{19}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
121455	1651	3168	$\frac{1}{33}$	$\frac{67}{1584}$	$\frac{32}{99}$	$\frac{1517}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{99}\ \Phi_{96}\ \Phi_{32}\ \Phi_{9}\ \Phi_{1}$
121456	1651	3168	$\frac{67}{1584}$	$\frac{1}{22}$	$\frac{21}{88}$	$\frac{1517}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{96}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
121457	1651	3168	$\frac{67}{1584}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1517}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
121458	1651	3132	$\frac{2}{87}$	$\frac{85}{1566}$	$\frac{1}{3}$	$\frac{1481}{3132}$	$\Phi_{3132}\ \Phi_{1044}\ \Phi_{348}\ \Phi_{116}\ \Phi_{108}\ \Phi_{87}\ \Phi_{36}\ \Phi_{29}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
121459	1651	2244	$\frac{1}{33}$	$\frac{32}{561}$	$\frac{593}{2244}$	$\frac{529}{1122}$	$\Phi_{2244}\ \Phi_{748}\ \Phi_{561}\ \Phi_{204}\ \Phi_{187}\ \Phi_{132}\ \Phi_{68}\ \Phi_{51}\ \Phi_{44}\ \Phi_{17}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
121460	1651	240	$\frac{1}{30}$	$\frac{7}{120}$	$\frac{29}{120}$	$\frac{113}{240}$	$\Phi_{240}^{13}\ \Phi_{120}\ \Phi_{80}^{13}\ \Phi_{60}\ \Phi_{48}^{13}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}^{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
121461	1651	240	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{113}{240}$	$\Phi_{240}^{13}\ \Phi_{80}^{13}\ \Phi_{48}^{13}\ \Phi_{16}^{13}\ \Phi_{15}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
121462	1651	1680	$\frac{7}{120}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{113}{240}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}\ \Phi_{112}^2\ \Phi_{80}\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{28}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
121463	1651	135	$\frac{8}{135}$	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{7}{15}$	$\Phi_{135}^{13}\ \Phi_{45}^{13}\ \Phi_{27}^{13}\ \Phi_{15}^{6}\ \Phi_{9}^{13}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
121464	1651	1728	$\frac{77}{1728}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
121465	1651	1032	$\frac{2}{129}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{1032}^{3}\,\Phi_{344}^{3}\,\Phi_{129}\,\Phi_{43}\,\Phi_{24}\,\Phi_{8}\,\Phi_{1}$
121466	1651	1512	$\frac{1}{63}$	$\frac{1}{12}$	$\frac{62}{189}$	$\frac{11}{24}$	$\Phi_{1512}^{3}\,\Phi_{216}^{3}\,\Phi_{189}\,\Phi_{27}\,\Phi_{24}\,\Phi_{8}\,\Phi_{1}$
121467	1651	168	$\frac{1}{42}$	$\frac{1}{12}$	$\frac{41}{168}$	$\frac{11}{24}$	$\Phi_{168}^{7}\,\Phi_{84}^{13}\,\Phi_{56}^{7}\,\Phi_{42}^{12}\,\Phi_{28}^{13}\,\Phi_{24}^{8}\,\Phi_{21}^{12}\,\Phi_{14}^{12}\,\Phi_{12}^{13}\,\Phi_{8}^{8}\,\Phi_{7}^{12}\,\Phi_{6}^{12}\,\Phi_{4}^{13}\,\Phi_{3}^{12}\,\Phi_{2}^{12}\,\Phi_{1}^{13}$
121468	1651	264	$\frac{5}{132}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{264}^{12}\,\Phi_{132}\,\Phi_{88}^{12}\,\Phi_{66}\,\Phi_{44}\,\Phi_{33}\,\Phi_{24}^{7}\,\Phi_{22}\,\Phi_{12}\,\Phi_{11}\,\Phi_{8}^{7}\,\Phi_{4}\,\Phi_{1}$
121469	1651	3192	$\frac{6}{133}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{3192}\,\Phi_{1064}\,\Phi_{456}\,\Phi_{152}\,\Phi_{133}\,\Phi_{24}\,\Phi_{19}\,\Phi_{8}\,\Phi_{1}$
121470	1651	1176	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{20}{147}$	$\frac{11}{24}$	$\Phi_{1176}^{3}\,\Phi_{392}^{3}\,\Phi_{147}\,\Phi_{49}\,\Phi_{24}\,\Phi_{8}\,\Phi_{1}$
121471	1651	144	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{17}{144}$	$\frac{11}{24}$	$\Phi_{144}^{13}\,\Phi_{72}^{7}\,\Phi_{48}^{13}\,\Phi_{36}^{13}\,\Phi_{24}^{8}\,\Phi_{18}^{12}\,\Phi_{16}^{13}\,\Phi_{12}^{13}\,\Phi_{9}^{12}\,\Phi_{8}^{8}\,\Phi_{6}^{12}\,\Phi_{4}^{13}\,\Phi_{3}^{12}\,\Phi_{2}^{12}\,\Phi_{1}^{13}$
121472	1651	1080	$\frac{8}{135}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{24}$	$\Phi_{1080}^{3}\,\Phi_{360}^{3}\,\Phi_{216}^{3}\,\Phi_{135}\,\Phi_{120}^{3}\,\Phi_{45}\,\Phi_{40}^{3}\,\Phi_{27}\,\Phi_{24}\,\Phi_{15}\,\Phi_{8}\,\Phi_{5}\,\Phi_{1}$
121473	1651	840	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{140}$	$\frac{11}{24}$	$\Phi_{840}^{4}\,\Phi_{280}^{4}\,\Phi_{168}^{2}\,\Phi_{140}\,\Phi_{120}^{4}\,\Phi_{70}\,\Phi_{56}^{2}\,\Phi_{40}^{4}\,\Phi_{35}\,\Phi_{28}\,\Phi_{24}^{3}\,\Phi_{20}\,\Phi_{10}\,\Phi_{8}^{3}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
121474	1651	3036	$\frac{5}{138}$	$\frac{133}{1518}$	$\frac{1}{6}$	$\frac{1385}{3036}$	$\Phi_{3036}\,\Phi_{1012}\,\Phi_{276}\,\Phi_{138}\,\Phi_{132}\,\Phi_{92}\,\Phi_{69}\,\Phi_{46}\,\Phi_{44}\,\Phi_{23}\,\Phi_{12}\,\Phi_{4}\,\Phi_{1}$
121475	1651	2460	$\frac{11}{820}$	$\frac{1}{10}$	$\frac{809}{2460}$	$\frac{9}{20}$	$\Phi_{2460}\,\Phi_{1230}\,\Phi_{615}\,\Phi_{492}\,\Phi_{246}\,\Phi_{123}\,\Phi_{60}\,\Phi_{30}\,\Phi_{20}\,\Phi_{15}\,\Phi_{12}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
121476	1651	1680	$\frac{29}{1680}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1680}\,\Phi_{840}\,\Phi_{560}\,\Phi_{420}\,\Phi_{336}\,\Phi_{280}\,\Phi_{240}\,\Phi_{210}\,\Phi_{168}\,\Phi_{140}\,\Phi_{120}\,\Phi_{112}\,\Phi_{105}\,\Phi_{84}\,\Phi_{80}\,\Phi_{70}\,\Phi_{60}\,\Phi_{56}\,\Phi_{48}\,\Phi_{42}\,\Phi_{35}\,\Phi_{30}\,\Phi_{28}\,\Phi_{24}\,\Phi_{21}\,\Phi_{20}\,\Phi_{16}\,\Phi_{15}\,\Phi_{14}\,\Phi_{12}\,\Phi_{7}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
121477	1651	1920	$\frac{1}{30}$	$\frac{29}{240}$	$\frac{269}{1920}$	$\frac{211}{480}$	$\Phi_{1920}\,\Phi_{960}\,\Phi_{640}\,\Phi_{384}\,\Phi_{320}\,\Phi_{240}\,\Phi_{192}\,\Phi_{128}\,\Phi_{120}\,\Phi_{80}\,\Phi_{64}\,\Phi_{60}\,\Phi_{48}\,\Phi_{40}\,\Phi_{24}\,\Phi_{20}\,\Phi_{16}\,\Phi_{12}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
121478	1651	2940	$\frac{1}{30}$	$\frac{181}{1470}$	$\frac{29}{210}$	$\frac{1289}{2940}$	$\Phi_{2940}\,\Phi_{980}\,\Phi_{588}\,\Phi_{420}\,\Phi_{210}\,\Phi_{196}\,\Phi_{140}\,\Phi_{105}\,\Phi_{84}\,\Phi_{70}\,\Phi_{60}\,\Phi_{42}\,\Phi_{35}\,\Phi_{28}\,\Phi_{21}\,\Phi_{20}\,\Phi_{14}\,\Phi_{12}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
121479	1651	224	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{15}{112}$	$\frac{97}{224}$	$\Phi_{224}^{13}\,\Phi_{112}^{2}\,\Phi_{56}^{2}\,\Phi_{32}^{13}\,\Phi_{28}^{2}\,\Phi_{16}\,\Phi_{14}\,\Phi_{8}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
121480	1651	2880	$\frac{1}{30}$	$\frac{29}{240}$	$\frac{211}{1440}$	$\frac{1229}{2880}$	$\Phi_{2880}\,\Phi_{960}\,\Phi_{576}\,\Phi_{320}\,\Phi_{240}\,\Phi_{192}\,\Phi_{120}\,\Phi_{80}\,\Phi_{64}\,\Phi_{60}\,\Phi_{48}\,\Phi_{40}\,\Phi_{24}\,\Phi_{20}\,\Phi_{16}\,\Phi_{12}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
121481	1651	220	$\frac{3}{55}$	$\frac{4}{55}$	$\frac{17}{110}$	$\frac{93}{220}$	$\Phi_{220}^{13}\,\Phi_{55}^{4}\,\Phi_{44}^{13}\,\Phi_{20}^{13}\,\Phi_{11}^{4}\,\Phi_{5}^{4}\,\Phi_{4}^{13}\,\Phi_{1}^{5}$
121482	1651	132	$\frac{5}{132}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{132}^{13}\,\Phi_{66}^{13}\,\Phi_{44}^{13}\,\Phi_{33}^{13}\,\Phi_{22}^{8}\,\Phi_{12}^{13}\,\Phi_{11}^{12}\,\Phi_{6}^{13}\,\Phi_{4}^{13}\,\Phi_{3}^{13}\,\Phi_{2}^{8}\,\Phi_{1}^{13}$
121483	1651	2760	$\frac{5}{276}$	$\frac{1}{6}$	$\frac{271}{1380}$	$\frac{1109}{2760}$	$\Phi_{2760}\,\Phi_{920}\,\Phi_{552}\,\Phi_{276}\,\Phi_{184}\,\Phi_{138}\,\Phi_{120}\,\Phi_{92}\,\Phi_{69}\,\Phi_{46}\,\Phi_{40}\,\Phi_{24}\,\Phi_{23}\,\Phi_{12}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
121484	1651	1680	$\frac{29}{1680}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1680}\,\Phi_{840}\,\Phi_{560}\,\Phi_{420}\,\Phi_{336}\,\Phi_{280}\,\Phi_{240}\,\Phi_{210}\,\Phi_{168}\,\Phi_{140}\,\Phi_{120}\,\Phi_{112}\,\Phi_{105}\,\Phi_{84}\,\Phi_{80}\,\Phi_{70}\,\Phi_{60}\,\Phi_{56}\,\Phi_{42}\,\Phi_{40}\,\Phi_{35}\,\Phi_{30}\,\Phi_{28}\,\Phi_{24}\,\Phi_{21}\,\Phi_{20}\,\Phi_{15}\,\Phi_{14}\,\Phi_{12}\,\Phi_{10}\,\Phi_{8}\,\Phi_{7}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
121485	1651	2700	$\frac{1}{150}$	$\frac{301}{1350}$	$\frac{149}{450}$	$\frac{1049}{2700}$	$\Phi_{2700}\,\Phi_{900}\,\Phi_{540}\,\Phi_{450}\,\Phi_{300}\,\Phi_{225}\,\Phi_{180}\,\Phi_{108}\,\Phi_{100}\,\Phi_{90}\,\Phi_{60}\,\Phi_{45}\,\Phi_{36}\,\Phi_{20}\,\Phi_{18}\,\Phi_{12}\,\Phi_{9}\,\Phi_{4}\,\Phi_{1}$
121486	1651	1760	$\frac{1}{22}$	$\frac{109}{1760}$	$\frac{21}{88}$	$\frac{67}{176}$	$\Phi_{1760}\,\Phi_{880}\,\Phi_{440}\,\Phi_{352}\,\Phi_{220}\,\Phi_{160}\,\Phi_{110}\,\Phi_{88}\,\Phi_{80}\,\Phi_{55}\,\Phi_{44}\,\Phi_{40}\,\Phi_{32}\,\Phi_{20}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
121487	1651	2400	$\frac{1}{150}$	$\frac{149}{600}$	$\frac{749}{2400}$	$\frac{451}{1200}$	$\Phi_{2400}\,\Phi_{800}\,\Phi_{600}\,\Phi_{480}\,\Phi_{300}\,\Phi_{200}\,\Phi_{160}\,\Phi_{120}\,\Phi_{100}\,\Phi_{96}\,\Phi_{60}\,\Phi_{40}\,\Phi_{32}\,\Phi_{24}\,\Phi_{20}\,\Phi_{12}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
121488	1651	2640	$\frac{1}{110}$	$\frac{109}{440}$	$\frac{331}{1320}$	$\frac{989}{2640}$	$\Phi_{2640}\,\Phi_{880}\,\Phi_{528}\,\Phi_{440}\,\Phi_{240}\,\Phi_{220}\,\Phi_{176}\,\Phi_{88}\,\Phi_{80}\,\Phi_{48}\,\Phi_{44}\,\Phi_{40}\,\Phi_{20}\,\Phi_{16}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
121489	1651	2520	$\frac{1}{30}$	$\frac{29}{420}$	$\frac{391}{1260}$	$\frac{869}{2520}$	$\Phi_{2520}\,\Phi_{840}\,\Phi_{504}\,\Phi_{420}\,\Phi_{360}\,\Phi_{280}\,\Phi_{210}\,\Phi_{168}\,\Phi_{140}\,\Phi_{120}\,\Phi_{105}\,\Phi_{84}\,\Phi_{72}\,\Phi_{70}\,\Phi_{60}\,\Phi_{56}\,\Phi_{42}\,\Phi_{40}\,\Phi_{35}\,\Phi_{28}\,\Phi_{24}\,\Phi_{21}\,\Phi_{20}\,\Phi_{14}\,\Phi_{12}\,\Phi_{8}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
121490	1651	1710	$\frac{59}{1710}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{1710}\,\Phi_{855}\,\Phi_{570}\,\Phi_{342}\,\Phi_{285}\,\Phi_{190}\,\Phi_{171}\,\Phi_{114}\,\Phi_{95}\,\Phi_{57}\,\Phi_{45}\,\Phi_{38}\,\Phi_{19}\,\Phi_{9}\,\Phi_{1}$
121491	1651	2508	$\frac{1}{22}$	$\frac{21}{418}$	$\frac{397}{1254}$	$\frac{857}{2508}$	$\Phi_{2508}\,\Phi_{836}\,\Phi_{418}\,\Phi_{228}\,\Phi_{209}\,\Phi_{132}\,\Phi_{76}\,\Phi_{44}\,\Phi_{38}\,\Phi_{19}\,\Phi_{12}\,\Phi_{4}\,\Phi_{1}$
121492	1651	1344	$\frac{1}{32}$	$\frac{1}{14}$	$\frac{31}{96}$	$\frac{65}{192}$	$\Phi_{1344}^{2}\,\Phi_{448}^{2}\,\Phi_{224}^{2}\,\Phi_{192}\,\Phi_{112}^{2}\,\Phi_{64}\,\Phi_{56}^{2}\,\Phi_{32}\,\Phi_{28}^{2}\,\Phi_{16}\,\Phi_{14}\,\Phi_{8}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
121493	1651	1782	$\frac{1}{33}$	$\frac{131}{1782}$	$\frac{32}{99}$	$\frac{67}{198}$	$\Phi_{1782}\,\Phi_{891}\,\Phi_{594}\,\Phi_{297}\,\Phi_{162}\,\Phi_{99}\,\Phi_{81}\,\Phi_{54}\,\Phi_{27}\,\Phi_{9}\,\Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
121494	1651	2484	$\frac{5}{414}$	$\frac{1}{6}$	$\frac{409}{1242}$	$\frac{833}{2484}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{138}\ \Phi_{108}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{36}\ \Phi_{23}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
121495	1651	645	$\frac{2}{129}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{645}^{3}\ \Phi_{215}^{3}\ \Phi_{129}\ \Phi_{43}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
121496	1651	945	$\frac{1}{63}$	$\frac{2}{15}$	$\frac{62}{189}$	$\frac{1}{3}$	$\Phi_{945}^{3}\ \Phi_{189}\ \Phi_{135}^{3}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
121497	1651	1827	$\frac{2}{87}$	$\frac{176}{1827}$	$\frac{85}{261}$	$\frac{1}{3}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{203}\ \Phi_{87}\ \Phi_{63}\ \Phi_{29}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
121498	1651	2394	$\frac{2}{57}$	$\frac{55}{798}$	$\frac{743}{2394}$	$\frac{1}{3}$	$\Phi_{2394}\ \Phi_{1197}\ \Phi_{342}\ \Phi_{171}\ \Phi_{126}\ \Phi_{63}\ \Phi_{57}\ \Phi_{19}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
121499	1651	2349	$\frac{2}{87}$	$\frac{85}{783}$	$\frac{698}{2349}$	$\frac{1}{3}$	$\Phi_{2349}\ \Phi_{87}\ \Phi_{81}\ \Phi_{29}\ \Phi_{1}$
121500	1651	774	$\frac{2}{129}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{774}^{3}\ \Phi_{387}^{3}\ \Phi_{129}\ \Phi_{43}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
121501	1651	2064	$\frac{2}{129}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{688}\ \Phi_{344}\ \Phi_{129}\ \Phi_{43}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
121502	1651	840	$\frac{1}{42}$	$\frac{2}{15}$	$\frac{41}{168}$	$\frac{1}{3}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{280}^{3}\ \Phi_{168}\ \Phi_{140}^{3}\ \Phi_{120}^{3}\ \Phi_{84}\ \Phi_{60}^{3}\ \Phi_{56}\ \Phi_{40}^{3}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}^{3}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
121503	1651	1824	$\frac{2}{57}$	$\frac{173}{1824}$	$\frac{55}{228}$	$\frac{1}{3}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{152}\ \Phi_{96}\ \Phi_{57}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{19}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
121504	1651	2088	$\frac{2}{87}$	$\frac{85}{522}$	$\frac{437}{2088}$	$\frac{1}{3}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{116}\ \Phi_{87}\ \Phi_{72}\ \Phi_{36}\ \Phi_{29}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
121505	1651	315	$\frac{2}{63}$	$\frac{2}{15}$	$\frac{61}{315}$	$\frac{1}{3}$	$\Phi_{315}^{5}\ \Phi_{105}^{5}\ \Phi_{63}^{6}\ \Phi_{45}^{5}\ \Phi_{35}^{5}\ \Phi_{21}^{6}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
121506	1651	1995	$\frac{2}{57}$	$\frac{55}{399}$	$\frac{344}{1995}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{285}\ \Phi_{105}\ \Phi_{95}\ \Phi_{57}\ \Phi_{35}\ \Phi_{19}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
121507	1651	660	$\frac{5}{132}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{220}^{3}\ \Phi_{165}^{3}\ \Phi_{132}\ \Phi_{110}^{3}\ \Phi_{66}\ \Phi_{60}^{3}\ \Phi_{55}^{3}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}^{3}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
121508	1651	1995	$\frac{6}{133}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{285}\ \Phi_{133}\ \Phi_{95}\ \Phi_{19}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
121509	1651	735	$\frac{1}{21}$	$\frac{2}{15}$	$\frac{20}{147}$	$\frac{1}{3}$	$\Phi_{735}^{3}\ \Phi_{245}^{3}\ \Phi_{147}\ \Phi_{49}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
121510	1651	720	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{3}\ \Phi_{180}^{3}\ \Phi_{144}\ \Phi_{120}^{3}\ \Phi_{80}^{3}\ \Phi_{72}\ \Phi_{60}^{3}\ \Phi_{48}\ \Phi_{40}^{3}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}^{3}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
121511	1651	135	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{135}^{13}\ \Phi_{45}^{10}\ \Phi_{27}^{13}\ \Phi_{15}^{11}\ \Phi_{9}^{12}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{13}$
121512	1651	420	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{420}^{4}\ \Phi_{210}^{3}\ \Phi_{140}^{5}\ \Phi_{105}^{3}\ \Phi_{84}^{4}\ \Phi_{70}^{4}\ \Phi_{60}^{4}\ \Phi_{42}^{4}\ \Phi_{35}^{4}\ \Phi_{30}^{3}\ \Phi_{28}^{5}\ \Phi_{21}^{4}\ \Phi_{20}^{5}\ \Phi_{15}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
121513	1651	378	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{62}{189}$	$\Phi_{378}^{6}\ \Phi_{189}^{7}\ \Phi_{54}^{6}\ \Phi_{27}^{7}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
121514	1651	3024	$\frac{1}{63}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{62}{189}$	$\Phi_{3024}\ \Phi_{1512}\ \Phi_{432}\ \Phi_{216}\ \Phi_{189}\ \Phi_{27}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
121515	1651	2448	$\frac{19}{816}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{797}{2448}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
121516	1651	2376	$\frac{1}{33}$	$\frac{67}{792}$	$\frac{725}{2376}$	$\frac{32}{99}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{108}\ \Phi_{99}\ \Phi_{54}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
121517	1651	1980	$\frac{1}{33}$	$\frac{329}{1980}$	$\frac{67}{396}$	$\frac{32}{99}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
121518	1651	375	$\frac{4}{125}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{121}{375}$	$\Phi_{375}^{4}\ \Phi_{125}^{5}\ \Phi_{75}^{4}\ \Phi_{25}^{5}\ \Phi_{15}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
121519	1651	2430	$\frac{31}{810}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{779}{2430}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{486}\ \Phi_{243}\ \Phi_{45}\ \Phi_{9}\ \Phi_{1}$
121520	1651	2160	$\frac{31}{540}$	$\frac{1}{15}$	$\frac{509}{2160}$	$\frac{14}{45}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
121521	1651	135	$\frac{8}{135}$	$\frac{1}{15}$	$\frac{31}{135}$	$\frac{14}{45}$	$\Phi_{135}^{12}\ \Phi_{45}^{13}\ \Phi_{27}^{12}\ \Phi_{15}^{12}\ \Phi_{9}^{13}\ \Phi_{5}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{13}$
121522	1651	2025	$\frac{1}{15}$	$\frac{31}{405}$	$\frac{374}{2025}$	$\frac{14}{45}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{225}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{9}\ \Phi_{1}$
121523	1651	1800	$\frac{1}{15}$	$\frac{149}{1800}$	$\frac{31}{180}$	$\frac{14}{45}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
121524	1651	1890	$\frac{1}{15}$	$\frac{31}{270}$	$\frac{239}{1890}$	$\frac{14}{45}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{210}\ \Phi_{189}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
121525	1651	165	$\frac{3}{55}$	$\frac{4}{55}$	$\frac{38}{165}$	$\frac{17}{55}$	$\Phi_{165}^{13}\ \Phi_{55}^{4}\ \Phi_{33}^{13}\ \Phi_{15}^{13}\ \Phi_{11}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{13}\ \Phi_{1}^{5}$
121526	1651	2376	$\frac{1}{22}$	$\frac{67}{792}$	$\frac{21}{88}$	$\frac{725}{2376}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{108}\ \Phi_{88}\ \Phi_{54}\ \Phi_{44}\ \Phi_{27}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
121527	1651	2376	$\frac{5}{72}$	$\frac{67}{792}$	$\frac{1}{6}$	$\frac{725}{2376}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
121528	1651	180	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{2}{15}$	$\frac{53}{180}$	$\Phi_{180}^{13}\ \Phi_{90}^{13}\ \Phi_{45}^{13}\ \Phi_{36}^{13}\ \Phi_{18}^{13}\ \Phi_{15}^{6}\ \Phi_{9}^{13}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
121529	1651	2160	$\frac{1}{30}$	$\frac{29}{240}$	$\frac{509}{2160}$	$\frac{211}{720}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{60}\ \Phi_{54}\ \Phi_{48}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
121530	1651	1008	$\frac{1}{14}$	$\frac{17}{144}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{252}^{2}\ \Phi_{144}\ \Phi_{126}^{2}\ \Phi_{112}^{2}\ \Phi_{72}\ \Phi_{63}^{2}\ \Phi_{56}^{2}\ \Phi_{48}\ \Phi_{36}\ \Phi_{28}^{2}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
121531	1651	1728	$\frac{77}{1728}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
121532	1651	504	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{41}{168}$	$\frac{5}{18}$	$\Phi_{504}^{6}\ \Phi_{252}^{6}\ \Phi_{168}\ \Phi_{84}\ \Phi_{72}^{6}\ \Phi_{56}\ \Phi_{36}^{6}\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
121533	1651	396	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{396}^{6}\ \Phi_{198}^{6}\ \Phi_{132}\ \Phi_{99}^{6}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}^{6}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
121534	1651	2394	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2394}\ \Phi_{1197}\ \Phi_{342}\ \Phi_{171}\ \Phi_{133}\ \Phi_{19}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
121535	1651	882	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{882}^{3}\ \Phi_{441}^{3}\ \Phi_{147}\ \Phi_{49}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
121536	1651	144	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{144}^{13}\ \Phi_{72}^{13}\ \Phi_{48}^{13}\ \Phi_{36}^{13}\ \Phi_{24}^{13}\ \Phi_{18}\ \Phi_{16}^{13}\ \Phi_{12}^{13}\ \Phi_{9}\ \Phi_{8}^{13}\ \Phi_{4}^{13}\ \Phi_{1}$
121537	1651	270	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{270}^{6}\ \Phi_{135}^{7}\ \Phi_{90}^{6}\ \Phi_{54}^{6}\ \Phi_{45}^{7}\ \Phi_{30}^{6}\ \Phi_{27}^{7}\ \Phi_{18}\ \Phi_{15}^{7}\ \Phi_{10}^{6}\ \Phi_{9}\ \Phi_{5}^{7}\ \Phi_{1}$
121538	1651	1764	$\frac{113}{1764}$	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{49}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
121539	1651	1260	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{252}^{2}\ \Phi_{180}^{2}\ \Phi_{140}\ \Phi_{90}^{2}\ \Phi_{70}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
121540	1651	1848	$\frac{1}{22}$	$\frac{197}{1848}$	$\frac{21}{88}$	$\frac{67}{264}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{88}\ \Phi_{84}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
121541	1651	336	$\frac{1}{42}$	$\frac{3}{16}$	$\frac{41}{168}$	$\frac{1}{4}$	$\Phi_{336}^{6}\ \Phi_{168}^{3}\ \Phi_{112}^{6}\ \Phi_{84}^{5}\ \Phi_{56}^{3}\ \Phi_{48}^{6}\ \Phi_{42}^{4}\ \Phi_{28}^{5}\ \Phi_{24}^{3}\ \Phi_{21}^{4}\ \Phi_{16}^{7}\ \Phi_{14}^{4}\ \Phi_{12}^{5}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
121542	1651	528	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{528}^{4}\ \Phi_{264}^{4}\ \Phi_{176}^{4}\ \Phi_{132}\ \Phi_{88}^{4}\ \Phi_{66}\ \Phi_{48}^{2}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}^{2}\ \Phi_{22}\ \Phi_{16}^{3}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
121543	1651	2128	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{304}\ \Phi_{152}\ \Phi_{133}\ \Phi_{19}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
121544	1651	2352	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{784}\ \Phi_{392}\ \Phi_{147}\ \Phi_{49}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
121545	1651	144	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{144}^{11}\ \Phi_{72}^{11}\ \Phi_{48}^{11}\ \Phi_{36}^{13}\ \Phi_{24}^{11}\ \Phi_{18}^{12}\ \Phi_{16}^{12}\ \Phi_{12}^{13}\ \Phi_{9}^{12}\ \Phi_{8}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{13}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
121546	1651	2160	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{80}\ \Phi_{45}\ \Phi_{40}\ \Phi_{27}\ \Phi_{16}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
121547	1651	560	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{140}\ \Phi_{112}^{2}\ \Phi_{80}^{4}\ \Phi_{70}\ \Phi_{56}^{2}\ \Phi_{40}^{4}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}^{3}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
121548	1651	2112	$\frac{1}{22}$	$\frac{67}{528}$	$\frac{461}{2112}$	$\frac{21}{88}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{96}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{32}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
121549	1651	2160	$\frac{31}{540}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{509}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
121550	1651	150	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{23}{150}$	$\frac{7}{30}$	$\Phi_{150}^{13}\ \Phi_{75}^{13}\ \Phi_{50}^{13}\ \Phi_{25}^{13}\ \Phi_{15}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
121551	1651	1728	$\frac{77}{1728}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
121552	1651	2040	$\frac{19}{408}$	$\frac{1}{6}$	$\frac{389}{2040}$	$\frac{5}{24}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{120}\ \Phi_{85}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
121553	1651	1120	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{160}$	$\Phi_{1120}^{2}\ \Phi_{560}^{2}\ \Phi_{224}^{2}\ \Phi_{160}\ \Phi_{112}^{2}\ \Phi_{80}\ \Phi_{56}^{2}\ \Phi_{32}\ \Phi_{28}^{2}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
121554	1651	1800	$\frac{149}{1800}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{180}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
121555	1651	1944	$\frac{31}{324}$	$\frac{5}{36}$	$\frac{293}{1944}$	$\frac{1}{6}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
121556	1652	2472	$\frac{1}{412}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{411}{824}$	$\Phi_{2472}\ \Phi_{824}^{2}\ \Phi_{24}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
121557	1652	2820	$\frac{1}{235}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{117}{235}$	$\Phi_{2820}\ \Phi_{940}\ \Phi_{564}\ \Phi_{235}\ \Phi_{188}\ \Phi_{60}\ \Phi_{47}\ \Phi_{20}\ \Phi_{12}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
121558	1652	2115	$\frac{1}{235}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{117}{235}$	$\Phi_{2115}\ \Phi_{423}\ \Phi_{235}\ \Phi_{47}\ \Phi_{45}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
121559	1652	4110	$\frac{2}{411}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{409}{822}$	$\Phi_{4110}\ \Phi_{1370}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
121560	1652	2760	$\frac{1}{138}$	$\frac{1}{5}$	$\frac{139}{552}$	$\frac{137}{276}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{120}\ \Phi_{115}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
121561	1652	762	$\frac{1}{127}$	$\frac{32}{381}$	$\frac{349}{762}$	$\frac{63}{127}$	$\Phi_{762}^{4}\ \Phi_{254}^{4}\ \Phi_{127}\ \Phi_{6}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
121562	1652	1143	$\frac{1}{127}$	$\frac{64}{381}$	$\frac{317}{1143}$	$\frac{63}{127}$	$\Phi_{1143}^{2}\ \Phi_{127}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
121563	1652	508	$\frac{1}{127}$	$\frac{95}{508}$	$\frac{32}{127}$	$\frac{63}{127}$	$\Phi_{508}^{4}\ \Phi_{254}^{4}\ \Phi_{127}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
121564	1652	117	$\frac{1}{117}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{58}{117}$	$\Phi_{117}^{14}\ \Phi_{39}^{14}\ \Phi_{13}^{15}\ \Phi_{9}^{14}\ \Phi_{3}^{14}\ \Phi_{1}^{16}$
121565	1652	936	$\frac{1}{117}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{58}{117}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{312}^{2}\ \Phi_{234}^{2}\ \Phi_{156}^{2}\ \Phi_{104}^{2}\ \Phi_{78}^{2}\ \Phi_{72}^{2}\ \Phi_{52}^{2}\ \Phi_{36}^{2}\ \Phi_{26}^{2}\ \Phi_{24}^{3}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
121566	1652	1651	$\frac{15}{1651}$	$\frac{119}{1651}$	$\frac{766}{1651}$	$\frac{818}{1651}$	$\Phi_{1651}\ \Phi_{127}\ \Phi_{13}\ \Phi_{1}^{2}$
121567	1652	4080	$\frac{5}{408}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{403}{816}$	$\Phi_{4080}\ \Phi_{1360}\ \Phi_{240}\ \Phi_{80}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
121568	1652	632	$\frac{1}{79}$	$\frac{1}{8}$	$\frac{20}{79}$	$\frac{39}{79}$	$\Phi_{632}^{3}\ \Phi_{316}^{3}\ \Phi_{158}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
121569	1652	1651	$\frac{25}{1651}$	$\frac{176}{1651}$	$\frac{419}{1651}$	$\frac{813}{1651}$	$\Phi_{1651}\ \Phi_{127}\ \Phi_{13}\ \Phi_{1}^{2}$
121570	1652	2481	$\frac{13}{827}$	$\frac{60}{827}$	$\frac{1}{3}$	$\frac{407}{827}$	Φ_{2481}
121571	1652	3132	$\frac{1}{58}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{57}{116}$	$\Phi_{3132}\ \Phi_{1044}\ \Phi_{348}\ \Phi_{116}^{2}\ \Phi_{108}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
121572	1652	1740	$\frac{1}{58}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{57}{116}$	$\Phi_{1740}^{2}\ \Phi_{580}^{2}\ \Phi_{348}\ \Phi_{116}^{2}\ \Phi_{60}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
121573	1652	1044	$\frac{1}{58}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{57}{116}$	$\Phi_{1044}^{3}\ \Phi_{348}^{3}\ \Phi_{116}^{4}\ \Phi_{36}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
121574	1652	1160	$\frac{1}{58}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{57}{116}$	$\Phi_{1160}^{2}\ \Phi_{580}\ \Phi_{290}^{2}\ \Phi_{145}^{2}\ \Phi_{40}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
121575	1652	810	$\frac{8}{405}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{397}{810}$	$\Phi_{810}^{4}\ \Phi_{270}^{4}\ \Phi_{162}^{4}\ \Phi_{90}^{4}\ \Phi_{54}^{4}\ \Phi_{45}\ \Phi_{30}^{4}\ \Phi_{18}^{4}\ \Phi_{15}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{2}^{4}$
121576	1652	460	$\frac{1}{46}$	$\frac{47}{460}$	$\frac{1}{5}$	$\frac{45}{92}$	$\Phi_{460}^{3}\ \Phi_{230}^{4}\ \Phi_{115}^{4}\ \Phi_{92}^{4}\ \Phi_{46}^{4}\ \Phi_{23}^{4}\ \Phi_{20}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
121577	1652	806	$\frac{10}{403}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{393}{806}$	$\Phi_{806}^{4}\ \Phi_{62}^{4}\ \Phi_{26}^{4}\ \Phi_{13}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
121578	1652	3306	$\frac{1}{29}$	$\frac{2}{57}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{3306}\ \Phi_{1102}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
121579	1652	783	$\frac{1}{29}$	$\frac{1}{27}$	$\frac{28}{87}$	$\frac{13}{27}$	$\Phi_{783}^{2}\ \Phi_{261}^{2}\ \Phi_{87}^{3}\ \Phi_{29}^{2}\ \Phi_{27}^{3}\ \Phi_{9}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
121580	1652	3960	$\frac{17}{396}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{379}{792}$	$\Phi_{3960}\ \Phi_{1320}\ \Phi_{440}\ \Phi_{360}\ \Phi_{120}\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
121581	1652	2320	$\frac{1}{29}$	$\frac{1}{20}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{2320}\ \Phi_{580}\ \Phi_{464}\ \Phi_{290}\ \Phi_{145}\ \Phi_{116}\ \Phi_{58}$
121582	1652	3248	$\frac{1}{29}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{3248}\ \Phi_{464}\ \Phi_{116}\ \Phi_{58}$
121583	1652	1680	$\frac{3}{56}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{53}{112}$	$\Phi_{1680}^{2}\ \Phi_{560}^{2}\ \Phi_{336}^{2}\ \Phi_{240}^{2}\ \Phi_{105}\ \Phi_{80}^{2}\ \Phi_{48}^{2}\ \Phi_{35}\ \Phi_{21}$
121584	1652	2160	$\frac{19}{432}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
121585	1652	3910	$\frac{1}{23}$	$\frac{22}{391}$	$\frac{1}{5}$	$\frac{369}{782}$	$\Phi_{3910}\ \Phi_{230}\ \Phi_{170}\ \Phi_{115}\ \Phi_{10}$
121586	1652	1020	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{9}{68}$	$\frac{8}{17}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{340}^{2}\ \Phi_{255}\ \Phi_{204}^{2}\ \Phi_{170}^{2}\ \Phi_{102}^{2}\ \Phi_{85}\ \Phi_{60}^{2}\ \Phi_{51}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}$
121587	1652	780	$\frac{23}{390}$	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{367}{780}$	$\Phi_{780}^{4}\ \Phi_{260}^{4}\ \Phi_{156}^{4}\ \Phi_{60}^{4}\ \Phi_{52}^{4}\ \Phi_{26}^{4}\ \Phi_{20}^{4}\ \Phi_{13}^{3}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
121588	1652	3190	$\frac{1}{29}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{3190}\ \Phi_{638}\ \Phi_{290}\ \Phi_{145}\ \Phi_{58}$
121589	1652	780	$\frac{1}{60}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}^{2}\ \Phi_{156}^{2}\ \Phi_{130}^{2}\ \Phi_{78}^{2}\ \Phi_{65}^{2}\ \Phi_{60}^{4}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{30}^{4}\ \Phi_{26}^{2}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{13}^{2}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
121590	1652	78	$\frac{1}{39}$	$\frac{1}{13}$	$\frac{19}{78}$	$\frac{6}{13}$	$\Phi_{78}^{28}\ \Phi_{39}^{14}\ \Phi_{26}^{28}\ \Phi_{13}^{15}\ \Phi_{6}^{28}\ \Phi_{3}^{14}\ \Phi_{2}^{28}\ \Phi_{1}^{16}$
121591	1652	429	$\frac{16}{429}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{429}^{4}\ \Phi_{143}^{4}\ \Phi_{39}^{2}\ \Phi_{33}^{4}\ \Phi_{13}^{3}\ \Phi_{11}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
121592	1652	468	$\frac{7}{117}$	$\frac{1}{13}$	$\frac{55}{468}$	$\frac{6}{13}$	$\Phi_{468}^{4}\ \Phi_{234}^{4}\ \Phi_{156}^{4}\ \Phi_{117}^{2}\ \Phi_{78}^{4}\ \Phi_{52}^{4}\ \Phi_{39}^{2}\ \Phi_{36}^{4}\ \Phi_{26}^{4}\ \Phi_{18}^{4}\ \Phi_{13}^{3}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
121593	1652	819	$\frac{4}{63}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{6}{13}$	$\Phi_{819}^{2}\ \Phi_{273}^{2}\ \Phi_{117}\ \Phi_{91}^{2}\ \Phi_{63}^{4}\ \Phi_{39}\ \Phi_{21}^{4}\ \Phi_{13}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
121594	1652	65	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{6}{13}$	$\Phi_{65}^{28}\ \Phi_{13}^{15}\ \Phi_{5}^{28}\ \Phi_{1}^{16}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
121595	1652	2088	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{522}\ \Phi_{348}\ \Phi_{261}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}$
121596	1652	762	$\frac{3}{127}$	$\frac{32}{381}$	$\frac{31}{127}$	$\frac{349}{762}$	$\Phi_{762}^4\ \Phi_{254}^4\ \Phi_{127}\ \Phi_6^4\ \Phi_2^4\ \Phi_1^2$
121597	1652	3132	$\frac{1}{29}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{3132}\ \Phi_{1044}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}$
121598	1652	127	$\frac{9}{127}$	$\frac{10}{127}$	$\frac{13}{127}$	$\frac{57}{127}$	$\Phi_{127}^{13}\ \Phi_1^{14}$
121599	1652	1740	$\frac{1}{60}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{290}\ \Phi_{174}\ \Phi_{145}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}$
121600	1652	3680	$\frac{1}{46}$	$\frac{45}{368}$	$\frac{1}{5}$	$\frac{323}{736}$	$\Phi_{3680}\ \Phi_{230}\ \Phi_{160}\ \Phi_{115}\ \Phi_{10}$
121601	1652	127	$\frac{8}{127}$	$\frac{9}{127}$	$\frac{17}{127}$	$\frac{55}{127}$	$\Phi_{127}^{13}\ \Phi_1^{14}$
121602	1652	104	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{45}{104}$	$\Phi_{104}^{28}\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{13}^3\ \Phi_8^{28}\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
121603	1652	1651	$\frac{20}{1651}$	$\frac{233}{1651}$	$\frac{471}{1651}$	$\frac{709}{1651}$	$\Phi_{1651}\ \Phi_{127}\ \Phi_{13}\ \Phi_1^2$
121604	1652	2481	$\frac{8}{827}$	$\frac{117}{827}$	$\frac{1}{3}$	$\frac{355}{827}$	Φ_{2481}
121605	1652	315	$\frac{4}{63}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{315}^6\ \Phi_{105}^5\ \Phi_{63}^4\ \Phi_{45}^6\ \Phi_{35}^5\ \Phi_{21}^3\ \Phi_{15}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
121606	1652	510	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{8}{51}$	$\frac{43}{102}$	$\Phi_{510}^6\ \Phi_{255}\ \Phi_{170}^6\ \Phi_{102}^4\ \Phi_{85}\ \Phi_{51}\ \Phi_{34}^4\ \Phi_{30}^6\ \Phi_{10}^6\ \Phi_6^4\ \Phi_2^4$
121607	1652	1428	$\frac{1}{119}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{1428}^2\ \Phi_{476}^2\ \Phi_{357}\ \Phi_{204}^2\ \Phi_{84}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{28}^2\ \Phi_{21}$
121608	1652	2820	$\frac{3}{235}$	$\frac{1}{6}$	$\frac{58}{235}$	$\frac{5}{12}$	$\Phi_{2820}\ \Phi_{940}\ \Phi_{564}\ \Phi_{235}\ \Phi_{188}\ \Phi_{60}\ \Phi_{47}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
121609	1652	60	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{60}^{27}\ \Phi_{30}^{28}\ \Phi_{20}^{27}\ \Phi_{15}^{28}\ \Phi_{12}^{28}\ \Phi_{10}^{28}\ \Phi_6^{28}\ \Phi_5^{27}\ \Phi_4^{28}\ \Phi_3^{28}\ \Phi_2^{28}\ \Phi_1^{28}$
121610	1652	564	$\frac{1}{47}$	$\frac{23}{141}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{564}^5\ \Phi_{188}^5\ \Phi_{141}^2\ \Phi_{47}\ \Phi_{12}^6\ \Phi_4^6\ \Phi_3^2\ \Phi_1^2$
121611	1652	2900	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{2900}\ \Phi_{580}\ \Phi_{290}\ \Phi_{145}\ \Phi_{116}\ \Phi_{58}$
121612	1652	690	$\frac{1}{69}$	$\frac{68}{345}$	$\frac{1}{5}$	$\frac{277}{690}$	$\Phi_{690}^4\ \Phi_{345}\ \Phi_{230}^4\ \Phi_{138}^4\ \Phi_{115}\ \Phi_{46}^4\ \Phi_{30}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
121613	1652	1190	$\frac{1}{119}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{1190}^2\ \Phi_{595}\ \Phi_{238}^2\ \Phi_{170}^2\ \Phi_{85}\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{34}^2\ \Phi_{14}^2$
121614	1652	2784	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}$
121615	1652	1856	$\frac{1}{29}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{464}\ \Phi_{116}\ \Phi_{58}$
121616	1652	2610	$\frac{1}{29}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{2610}\ \Phi_{870}\ \Phi_{522}\ \Phi_{435}\ \Phi_{290}\ \Phi_{174}\ \Phi_{145}\ \Phi_{87}\ \Phi_{58}$
121617	1652	624	$\frac{3}{104}$	$\frac{1}{13}$	$\frac{101}{312}$	$\frac{211}{624}$	$\Phi_{624}^4\ \Phi_{208}^4\ \Phi_{104}^4\ \Phi_{52}^4\ \Phi_{48}^4\ \Phi_{26}^4\ \Phi_{16}^4\ \Phi_{13}^3\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
121618	1652	618	$\frac{1}{206}$	$\frac{205}{618}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{618}^3\ \Phi_{309}^3\ \Phi_{206}^2\ \Phi_{103}^2\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
121619	1652	1248	$\frac{3}{416}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}^2\ \Phi_{312}\ \Phi_{208}^2\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{48}\ \Phi_{39}\ \Phi_{32}^2\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
121620	1652	1071	$\frac{1}{119}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1071}^2\ \Phi_{357}\ \Phi_{153}^2\ \Phi_{63}^2\ \Phi_{51}\ \Phi_{21}$
121621	1652	1545	$\frac{1}{103}$	$\frac{102}{515}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1545}\ \Phi_{515}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
121622	1652	618	$\frac{3}{206}$	$\frac{29}{206}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{618}^2\ \Phi_{309}^2\ \Phi_{206}^4\ \Phi_{103}^4\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
121623	1652	120	$\frac{1}{60}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^{16}\ \Phi_{60}^{12}\ \Phi_{40}^{16}\ \Phi_{30}^{12}\ \Phi_{24}^{15}\ \Phi_{20}^{12}\ \Phi_{15}^{12}\ \Phi_{12}^{11}\ \Phi_{10}^{12}\ \Phi_8^{14}\ \Phi_6^{11}\ \Phi_5^{12}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
121624	1652	2808	$\frac{2}{117}$	$\frac{1}{8}$	$\frac{115}{351}$	$\frac{1}{3}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
121625	1652	435	$\frac{1}{29}$	$\frac{1}{15}$	$\frac{28}{87}$	$\frac{1}{3}$	$\Phi_{435}^4\ \Phi_{145}^4\ \Phi_{87}^3\ \Phi_{29}^2\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^4\ \Phi_1^4$
121626	1652	2115	$\frac{3}{235}$	$\frac{2}{9}$	$\frac{58}{235}$	$\frac{1}{3}$	$\Phi_{2115}\ \Phi_{423}\ \Phi_{235}\ \Phi_{47}\ \Phi_{45}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
121627	1652	312	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{19}{78}$	$\frac{1}{3}$	$\Phi_{312}^6\ \Phi_{156}^6\ \Phi_{104}^6\ \Phi_{78}^2\ \Phi_{52}^6\ \Phi_{39}^4\ \Phi_{26}^2\ \Phi_{24}^7\ \Phi_{13}^4\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
121628	1652	180	$\frac{1}{60}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}^4\ \Phi_{45}^{11}\ \Phi_{36}^{12}\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^{12}\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^{12}\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
121629	1652	423	$\frac{1}{47}$	$\frac{23}{141}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{423}^5\ \Phi_{141}^2\ \Phi_{47}\ \Phi_9^6\ \Phi_3^2\ \Phi_1^2$
121630	1652	1944	$\frac{7}{243}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{54}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
121631	1652	2184	$\frac{2}{39}$	$\frac{1}{8}$	$\frac{37}{273}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{182}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
121632	1652	504	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{72}^2\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{36}^2\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
121633	1652	1560	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1560}^2\ \Phi_{780}^2\ \Phi_{390}^2\ \Phi_{312}\ \Phi_{156}\ \Phi_{120}^2\ \Phi_{78}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
121634	1652	3060	$\frac{5}{204}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{199}{612}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{765}\ \Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
121635	1652	261	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{28}{87}$	$\Phi_{261}^6\ \Phi_{87}^7\ \Phi_{29}^6\ \Phi_{9}^9\ \Phi_{3}^{10}\ \Phi_{1}^{10}$
121636	1652	3480	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{28}{87}$	$\Phi_{3480}\ \Phi_{1740}\ \Phi_{870}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
121637	1652	765	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{35}{153}$	$\frac{16}{51}$	$\Phi_{765}^3\ \Phi_{255}\ \Phi_{153}^2\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}^3\ \Phi_{9}^2$
121638	1652	65	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{9}{65}$	$\frac{4}{13}$	$\Phi_{65}^{25}\ \Phi_{13}^{27}\ \Phi_{5}^{25}\ \Phi_{1}^{28}$
121639	1652	2970	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{1}{5}$	$\frac{181}{594}$	$\Phi_{2970}\ \Phi_{1485}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
121640	1652	2436	$\frac{1}{29}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{609}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}$
121641	1652	420	$\frac{1}{15}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{84}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^5\ \Phi_{84}^2\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^2\ \Phi_{35}^5\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_{10}^4\ \Phi_{7}^4\ \Phi_{6}^2\ \Phi_{5}^4\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
121642	1652	2160	$\frac{19}{432}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
121643	1652	468	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{55}{468}$	$\frac{23}{78}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^4\ \Phi_{117}^4\ \Phi_{52}^4\ \Phi_{36}^4\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}^3\ \Phi_{12}^4\ \Phi_{9}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
121644	1652	127	$\frac{9}{127}$	$\frac{15}{127}$	$\frac{16}{127}$	$\frac{37}{127}$	$\Phi_{127}^{13}\ \Phi_{1}^{14}$
121645	1652	2088	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}$
121646	1652	632	$\frac{3}{79}$	$\frac{1}{8}$	$\frac{19}{79}$	$\frac{20}{79}$	$\Phi_{632}^3\ \Phi_{316}^3\ \Phi_{158}^3\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{2}^2$
121647	1652	508	$\frac{3}{127}$	$\frac{95}{508}$	$\frac{31}{127}$	$\frac{32}{127}$	$\Phi_{508}^4\ \Phi_{254}^4\ \Phi_{127}\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^2$
121648	1652	2760	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{45}{184}$	$\frac{139}{552}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{120}\ \Phi_{115}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
121649	1652	540	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{127}{540}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{54}^4\ \Phi_{45}\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{2}^4$
121650	1652	210	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{3}{14}$	$\Phi_{210}^8\ \Phi_{105}^9\ \Phi_{70}^6\ \Phi_{42}^8\ \Phi_{35}^7\ \Phi_{30}^8\ \Phi_{21}^9\ \Phi_{15}^8\ \Phi_{14}^8\ \Phi_{10}^6\ \Phi_{7}^8\ \Phi_{6}^8\ \Phi_{5}^6\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^8$
121651	1652	2160	$\frac{19}{432}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
121652	1652	520	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{130}$	$\frac{107}{520}$	$\Phi_{520}^4\ \Phi_{260}^4\ \Phi_{104}^4\ \Phi_{52}^4\ \Phi_{40}^4\ \Phi_{26}^4\ \Phi_{20}^4\ \Phi_{13}^3\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
121653	1652	510	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{97}{510}$	$\frac{1}{5}$	$\Phi_{510}^3\ \Phi_{255}^3\ \Phi_{170}^3\ \Phi_{102}^4\ \Phi_{85}^3\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{30}^4\ \Phi_{17}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
121654	1652	450	$\frac{37}{450}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{5}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{45}\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{2}^4$
121655	1652	2430	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{486}$	$\frac{1}{5}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{810}\ \Phi_{270}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
121656	1653	3296	$\frac{5}{1648}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1643}{3296}$	$\Phi_{3296}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
121657	1653	2196	$\frac{2}{549}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{547}{1098}$	$\Phi_{2196}\ \Phi_{732}\ \Phi_{549}\ \Phi_{244}\ \Phi_{183}\ \Phi_{61}\ \Phi_{36}\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
121658	1653	944	$\frac{1}{236}$	$\frac{79}{472}$	$\frac{393}{944}$	$\frac{235}{472}$	$\Phi_{944}^3\ \Phi_{472}\ \Phi_{16}^3\ \Phi_{8}\ \Phi_{1}$
121659	1653	736	$\frac{1}{184}$	$\frac{1}{4}$	$\frac{185}{736}$	$\frac{183}{368}$	$\Phi_{736}^3\ \Phi_{184}^3\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{32}^3\ \Phi_{23}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
121660	1653	1096	$\frac{3}{548}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{545}{1096}$	$\Phi_{1096}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
121661	1653	1092	$\frac{5}{546}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{541}{1092}$	$\Phi_{1092}^3\ \Phi_{364}^3\ \Phi_{156}^3\ \Phi_{84}^3\ \Phi_{52}^3\ \Phi_{28}^3\ \Phi_{12}^3\ \Phi_{7}^2\ \Phi_{4}^3\ \Phi_{1}^3$
121662	1653	1092	$\frac{5}{546}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{541}{1092}$	$\Phi_{1092}\ \Phi_{546}^2\ \Phi_{364}\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{156}\ \Phi_{91}^2\ \Phi_{84}\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{42}^2\ \Phi_{39}^2\ \Phi_{28}\ \Phi_{26}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
121663	1653	2212	$\frac{6}{553}$	$\frac{1}{7}$	$\frac{559}{2212}$	$\frac{547}{1106}$	$\Phi_{2212}\ \Phi_{553}\ \Phi_{316}\ \Phi_{79}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
121664	1653	1548	$\frac{1}{86}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{85}{172}$	$\Phi_{774}^2\ \Phi_{387}^2\ \Phi_{258}^2\ \Phi_{172}\ \Phi_{129}^2\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{36}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
121665	1653	3612	$\frac{1}{86}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{85}{172}$	$\Phi_{3612}\ \Phi_{1204}\ \Phi_{172}\ \Phi_{84}\ \Phi_{28}\ \Phi_{21}\ \Phi_7\ \Phi_4\ \Phi_1$
121666	1653	4644	$\frac{1}{86}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{85}{172}$	$\Phi_{4644}\ \Phi_{172}\ \Phi_{108}\ \Phi_{27}\ \Phi_4\ \Phi_1$
121667	1653	1032	$\frac{1}{86}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{85}{172}$	$\Phi_{1032}^2\ \Phi_{344}^2\ \Phi_{258}^2\ \Phi_{172}\ \Phi_{129}^2\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{24}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
121668	1653	1088	$\frac{7}{544}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{537}{1088}$	$\Phi_{1088}^3\ \Phi_{64}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
121669	1653	1840	$\frac{3}{184}$	$\frac{187}{1840}$	$\frac{1}{4}$	$\frac{181}{368}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{230}\ \Phi_{184}\ \Phi_{115}\ \Phi_{92}\ \Phi_{80}\ \Phi_{46}\ \Phi_{40}\ \Phi_{23}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
121670	1653	112	$\frac{1}{56}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{55}{112}$	$\Phi_{112}^{29}\ \Phi_{56}\ \Phi_{16}^{29}\ \Phi_8\ \Phi_1$
121671	1653	336	$\frac{1}{56}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{55}{112}$	$\Phi_{336}^{14}\ \Phi_{112}\ \Phi_{48}^{14}\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}\ \Phi_6\ \Phi_3\ \Phi_1$
121672	1653	224	$\frac{1}{56}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{55}{112}$	$\Phi_{224}^8\ \Phi_{112}^5\ \Phi_{56}^8\ \Phi_{32}^9\ \Phi_{28}^8\ \Phi_{16}^6\ \Phi_{14}^8\ \Phi_8^9\ \Phi_7^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
121673	1653	560	$\frac{1}{56}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{55}{112}$	$\Phi_{560}^7\ \Phi_{112}\ \Phi_{80}^7\ \Phi_{35}\ \Phi_{16}\ \Phi_5\ \Phi_1$
121674	1653	1080	$\frac{11}{540}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{529}{1080}$	$\Phi_{1080}^3\ \Phi_{360}^3\ \Phi_{216}^3\ \Phi_{120}^3\ \Phi_{72}^3\ \Phi_{40}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
121675	1653	56	$\frac{1}{28}$	$\frac{1}{28}$	$\frac{9}{28}$	$\frac{27}{56}$	$\Phi_{56}^{57}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^{57}\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
121676	1653	280	$\frac{1}{28}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{280}^{12}\ \Phi_{56}^9\ \Phi_{40}^{12}\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^9\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
121677	1653	280	$\frac{1}{28}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{27}{56}$	$\Phi_{280}^{14}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}^{14}\ \Phi_{35}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
121678	1653	168	$\frac{1}{28}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{27}{56}$	$\Phi_{168}^{21}\ \Phi_{56}^{15}\ \Phi_{24}^{21}\ \Phi_{21}^3\ \Phi_8^{15}\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
121679	1653	448	$\frac{1}{28}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{27}{56}$	$\Phi_{448}^4\ \Phi_{224}^4\ \Phi_{112}^4\ \Phi_{64}^5\ \Phi_{56}\ \Phi_{32}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
121680	1653	2116	$\frac{22}{529}$	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{507}{1058}$	$\Phi_{2116}\ \Phi_{529}\ \Phi_{92}^2\ \Phi_{46}\ \Phi_{23}\ \Phi_4\ \Phi_1$
121681	1653	576	$\frac{1}{24}$	$\frac{25}{576}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{64}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
121682	1653	1056	$\frac{1}{24}$	$\frac{23}{528}$	$\frac{1}{4}$	$\frac{505}{1056}$	$\Phi_{1056}^3\ \Phi_{352}^3\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
121683	1653	2240	$\frac{1}{28}$	$\frac{27}{560}$	$\frac{587}{2240}$	$\frac{533}{1120}$	$\Phi_{2240}\ \Phi_{560}\ \Phi_{448}\ \Phi_{320}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{64}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
121684	1653	3136	$\frac{1}{28}$	$\frac{85}{1568}$	$\frac{27}{112}$	$\frac{1483}{3136}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{16}\ \Phi_8\ \Phi_1$
121685	1653	3136	$\frac{85}{1568}$	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1483}{3136}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{98}\ \Phi_{64}\ \Phi_{49}\ \Phi_1$
121686	1653	1904	$\frac{13}{238}$	$\frac{1}{14}$	$\frac{251}{1904}$	$\frac{225}{476}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{272}\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{112}\ \Phi_{56}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_1$
121687	1653	1548	$\frac{1}{43}$	$\frac{1}{18}$	$\frac{14}{43}$	$\frac{17}{36}$	$\Phi_{1548}^2\ \Phi_{516}^2\ \Phi_{172}^2\ \Phi_{43}^2\ \Phi_{36}^3\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
121688	1653	180	$\frac{1}{30}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{180}^6\ \Phi_{90}^{12}\ \Phi_{60}^8\ \Phi_{45}^{12}\ \Phi_{36}^5\ \Phi_{30}^{13}\ \Phi_{20}^8\ \Phi_{18}^{10}\ \Phi_{15}^{13}\ \Phi_{12}^7\ \Phi_{10}^{13}\ \Phi_9^{10}\ \Phi_6^{11}\ \Phi_5^{13}\ \Phi_4^6\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
121689	1653	3128	$\frac{3}{92}$	$\frac{89}{1564}$	$\frac{1}{4}$	$\frac{1475}{3128}$	$\Phi_{3128}\ \Phi_{184}\ \Phi_{136}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_8\ \Phi_1$
121690	1653	3080	$\frac{1}{28}$	$\frac{113}{1540}$	$\frac{27}{140}$	$\frac{1427}{3080}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{140}\ \Phi_{88}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
121691	1653	1566	$\frac{1}{58}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1566}\ \Phi_{783}\ \Phi_{522}\ \Phi_{261}\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{58}\ \Phi_{29}\ \Phi_{27}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
121692	1653	672	$\frac{1}{28}$	$\frac{9}{112}$	$\frac{121}{672}$	$\frac{103}{224}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
121693	1653	160	$\frac{1}{20}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{160}$	$\Phi_{160}^{19}\ \Phi_{40}^4\ \Phi_{32}^{19}\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
121694	1653	1012	$\frac{1}{46}$	$\frac{45}{506}$	$\frac{1}{4}$	$\frac{461}{1012}$	$\Phi_{1012}\ \Phi_{506}^2\ \Phi_{253}^2\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{44}\ \Phi_{23}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
121695	1653	1008	$\frac{1}{28}$	$\frac{47}{504}$	$\frac{9}{56}$	$\frac{457}{1008}$	$\Phi_{1008}^3\ \Phi_{336}^3\ \Phi_{144}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
121696	1653	1160	$\frac{1}{58}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1160}^2\ \Phi_{290}^2\ \Phi_{232}^2\ \Phi_{145}^2\ \Phi_{58}\ \Phi_{40}\ \Phi_{29}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
121697	1653	2944	$\frac{3}{184}$	$\frac{181}{1472}$	$\frac{1}{4}$	$\frac{1291}{2944}$	$\Phi_{2944}\ \Phi_{184}\ \Phi_{128}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
121698	1653	560	$\frac{9}{560}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
121699	1653	160	$\frac{1}{20}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{160}^{12}\ \Phi_{80}^8\ \Phi_{40}^{12}\ \Phi_{32}^9\ \Phi_{20}^{11}\ \Phi_{16}^6\ \Phi_{10}^{11}\ \Phi_8^9\ \Phi_5^{11}\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
121700	1653	1540	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{154}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}^2\ \Phi_{140}\ \Phi_{110}^2\ \Phi_{77}\ \Phi_{70}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
121701	1653	588	$\frac{37}{588}$	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{85}{196}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{196}^2\ \Phi_{147}^3\ \Phi_{98}^3\ \Phi_{84}^3\ \Phi_{49}^3\ \Phi_{42}^3\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
121702	1653	1932	$\frac{1}{69}$	$\frac{68}{483}$	$\frac{1}{4}$	$\frac{415}{966}$	$\Phi_{1932}\ \Phi_{644}\ \Phi_{483}\ \Phi_{276}^2\ \Phi_{161}\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{84}\ \Phi_{69}\ \Phi_{46}\ \Phi_{28}\ \Phi_{23}\ \Phi_{21}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
121703	1653	273	$\frac{4}{91}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{273}^7\ \Phi_{91}^5\ \Phi_{39}^7\ \Phi_{21}^3\ \Phi_{13}^5\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
121704	1653	952	$\frac{13}{238}$	$\frac{1}{14}$	$\frac{75}{476}$	$\frac{401}{952}$	$\Phi_{952}^3\ \Phi_{238}\ \Phi_{136}^3\ \Phi_{119}\ \Phi_{56}^3\ \Phi_{34}\ \Phi_{17}\ \Phi_8^3\ \Phi_1$
121705	1653	1450	$\frac{1}{58}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1450}\ \Phi_{725}\ \Phi_{290}^2\ \Phi_{145}^2\ \Phi_{58}\ \Phi_{29}\ \Phi_{25}\ \Phi_{10}\ \Phi_5\ \Phi_1$
121706	1653	1044	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{261}^2\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{58}\ \Phi_{36}\ \Phi_{29}\ \Phi_{18}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
121707	1653	944	$\frac{1}{118}$	$\frac{79}{472}$	$\frac{39}{118}$	$\frac{393}{944}$	$\Phi_{944}^3\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_{16}^3\ \Phi_2^2\ \Phi_1^3$
121708	1653	2800	$\frac{1}{28}$	$\frac{27}{280}$	$\frac{253}{1400}$	$\frac{1147}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
121709	1653	352	$\frac{1}{88}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{352}^8\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{32}^7\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
121710	1653	920	$\frac{1}{92}$	$\frac{91}{460}$	$\frac{1}{4}$	$\frac{369}{920}$	$\Phi_{920}^3\ \Phi_{184}^3\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{40}^3\ \Phi_{23}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
121711	1653	2360	$\frac{1}{118}$	$\frac{117}{590}$	$\frac{707}{2360}$	$\frac{473}{1180}$	$\Phi_{2360}\ \Phi_{590}\ \Phi_{472}\ \Phi_{295}\ \Phi_{40}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
121712	1653	555	$\frac{4}{555}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{555}^3\ \Phi_{185}^3\ \Phi_{111}^3\ \Phi_{37}^3\ \Phi_{15}^2\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
121713	1653	1392	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1392}^2\ \Phi_{464}^2\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{58}\ \Phi_{48}\ \Phi_{29}\ \Phi_{16}\ \Phi_6\ \Phi_3\ \Phi_1$
121714	1653	896	$\frac{1}{28}$	$\frac{9}{112}$	$\frac{103}{448}$	$\frac{345}{896}$	$\Phi_{896}^3\ \Phi_{128}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
121715	1653	1792	$\frac{1}{28}$	$\frac{139}{1792}$	$\frac{27}{112}$	$\frac{85}{224}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{128}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{16}\ \Phi_8\ \Phi_1$
121716	1653	824	$\frac{5}{824}$	$\frac{1}{4}$	$\frac{273}{824}$	$\frac{3}{8}$	$\Phi_{824}^2\ \Phi_{412}^2\ \Phi_{206}^2\ \Phi_{103}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
121717	1653	1664	$\frac{11}{1664}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{128}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
121718	1653	264	$\frac{1}{88}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^8\ \Phi_{132}^8\ \Phi_{88}^3\ \Phi_{66}^8\ \Phi_{44}^3\ \Phi_{33}^8\ \Phi_{24}^7\ \Phi_{22}^3\ \Phi_{12}^7\ \Phi_{11}^3\ \Phi_8^3\ \Phi_6^7\ \Phi_4^2\ \Phi_3^7\ \Phi_2^2\ \Phi_1^3$
121719	1653	1320	$\frac{1}{88}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}^2\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}^2\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{40}^2\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
121720	1653	560	$\frac{9}{560}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_5^3\ \Phi_4^3\ \Phi_1^3$
121721	1653	840	$\frac{1}{28}$	$\frac{9}{140}$	$\frac{131}{420}$	$\frac{289}{840}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{168}^3\ \Phi_{140}^3\ \Phi_{120}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
121722	1653	220	$\frac{1}{22}$	$\frac{1}{20}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{220}^8\ \Phi_{110}^8\ \Phi_{55}^8\ \Phi_{44}^5\ \Phi_{22}^7\ \Phi_{20}^7\ \Phi_{11}^7\ \Phi_{10}^7\ \Phi_5^7\ \Phi_4^4\ \Phi_2^6\ \Phi_1^7$
121723	1653	708	$\frac{1}{118}$	$\frac{157}{708}$	$\frac{39}{118}$	$\frac{79}{236}$	$\Phi_{708}^3\ \Phi_{354}^3\ \Phi_{177}^3\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
121724	1653	828	$\frac{1}{138}$	$\frac{1}{4}$	$\frac{137}{414}$	$\frac{277}{828}$	$\Phi_{828}\ \Phi_{414}^2\ \Phi_{276}^3\ \Phi_{207}^2\ \Phi_{138}^3\ \Phi_{92}^3\ \Phi_{69}^3\ \Phi_{46}^3\ \Phi_{36}\ \Phi_{23}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
121725	1653	903	$\frac{1}{43}$	$\frac{2}{21}$	$\frac{14}{43}$	$\frac{1}{3}$	$\Phi_{903}^2\ \Phi_{301}^2\ \Phi_{43}^2\ \Phi_{21}^3\ \Phi_7^3\ \Phi_1^3$
121726	1653	732	$\frac{2}{183}$	$\frac{181}{732}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{732}^2\ \Phi_{366}^2\ \Phi_{244}^2\ \Phi_{183}^3\ \Phi_{122}^2\ \Phi_{61}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
121727	1653	1116	$\frac{7}{558}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1116}^2\ \Phi_{558}\ \Phi_{372}^2\ \Phi_{279}\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{93}\ \Phi_{62}\ \Phi_{36}\ \Phi_{31}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
121728	1653	420	$\frac{1}{30}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^6\ \Phi_{210}^3\ \Phi_{140}^6\ \Phi_{105}^3\ \Phi_{84}^5\ \Phi_{70}^3\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{30}\ \Phi_{28}^5\ \Phi_{21}^3\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_7^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
121729	1653	1044	$\frac{1}{58}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1044}^2\ \Phi_{522}\ \Phi_{348}^2\ \Phi_{261}\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}^2\ \Phi_{58}\ \Phi_{36}\ \Phi_{29}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
121730	1653	819	$\frac{5}{273}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{268}{819}$	$\Phi_{819}^{3}\ \Phi_{117}^{3}\ \Phi_{63}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
121731	1653	1161	$\frac{1}{43}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{14}{43}$	$\Phi_{1161}^{2}\ \Phi_{43}^{2}\ \Phi_{27}^{3}\ \Phi_{1}^{3}$
121732	1653	1032	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{14}{43}$	$\Phi_{1032}^{2}\ \Phi_{516}^{2}\ \Phi_{344}^{2}\ \Phi_{172}^{2}\ \Phi_{43}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
121733	1653	816	$\frac{7}{272}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{265}{816}$	$\Phi_{816}^{3}\ \Phi_{408}^{3}\ \Phi_{204}^{3}\ \Phi_{102}^{3}\ \Phi_{51}^{3}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
121734	1653	84	$\frac{1}{28}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{9}{28}$	$\Phi_{84}^{28}\ \Phi_{42}^{29}\ \Phi_{28}^{2}\ \Phi_{21}^{29}\ \Phi_{14}^{2}\ \Phi_{12}^{28}\ \Phi_{7}^{2}\ \Phi_{6}^{29}\ \Phi_{4}^{2}\ \Phi_{3}^{29}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
121735	1653	224	$\frac{1}{28}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{9}{28}$	$\Phi_{224}^{8}\ \Phi_{112}^{8}\ \Phi_{56}^{8}\ \Phi_{32}^{9}\ \Phi_{28}^{2}\ \Phi_{16}^{9}\ \Phi_{14}^{2}\ \Phi_{8}^{9}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
121736	1653	140	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{9}{28}$	$\Phi_{140}^{14}\ \Phi_{70}^{14}\ \Phi_{35}^{15}\ \Phi_{28}^{2}\ \Phi_{20}^{14}\ \Phi_{14}^{2}\ \Phi_{10}^{14}\ \Phi_{7}^{2}\ \Phi_{5}^{15}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
121737	1653	714	$\frac{13}{238}$	$\frac{1}{14}$	$\frac{163}{714}$	$\frac{75}{238}$	$\Phi_{714}^{3}\ \Phi_{357}^{3}\ \Phi_{238}\ \Phi_{119}\ \Phi_{102}^{3}\ \Phi_{51}^{3}\ \Phi_{42}^{3}\ \Phi_{34}\ \Phi_{21}^{3}\ \Phi_{17}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}$
121738	1653	420	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{105}^{6}\ \Phi_{84}^{4}\ \Phi_{60}^{6}\ \Phi_{42}^{5}\ \Phi_{30}^{6}\ \Phi_{21}^{5}\ \Phi_{20}^{3}\ \Phi_{15}^{6}\ \Phi_{12}^{4}\ \Phi_{10}^{3}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
121739	1653	210	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{13}{42}$	$\Phi_{210}^{14}\ \Phi_{105}^{14}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}^{14}\ \Phi_{21}\ \Phi_{15}^{14}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
121740	1653	42	$\frac{1}{14}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{13}{42}$	$\Phi_{42}^{36}\ \Phi_{21}^{39}\ \Phi_{14}^{42}\ \Phi_{7}^{44}\ \Phi_{6}^{36}\ \Phi_{3}^{39}\ \Phi_{2}^{42}\ \Phi_{1}^{45}$
121741	1653	1344	$\frac{1}{14}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{13}{42}$	$\Phi_{1344}^{2}\ \Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{192}^{2}\ \Phi_{96}^{2}\ \Phi_{64}\ \Phi_{48}^{2}\ \Phi_{42}\ \Phi_{32}\ \Phi_{21}\ \Phi_{16}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
121742	1653	576	$\frac{25}{576}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{576}^{3}\ \Phi_{288}^{3}\ \Phi_{192}^{3}\ \Phi_{144}^{3}\ \Phi_{96}^{3}\ \Phi_{72}^{3}\ \Phi_{64}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
121743	1653	792	$\frac{1}{24}$	$\frac{23}{264}$	$\frac{1}{4}$	$\frac{241}{792}$	$\Phi_{792}^{3}\ \Phi_{396}^{3}\ \Phi_{198}^{3}\ \Phi_{99}^{3}\ \Phi_{72}^{3}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
121744	1653	784	$\frac{1}{28}$	$\frac{85}{784}$	$\frac{27}{112}$	$\frac{233}{784}$	$\Phi_{784}^{2}\ \Phi_{392}^{2}\ \Phi_{196}^{2}\ \Phi_{112}^{3}\ \Phi_{98}^{2}\ \Phi_{56}^{3}\ \Phi_{49}^{2}\ \Phi_{28}^{2}\ \Phi_{16}^{3}\ \Phi_{14}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
121745	1653	784	$\frac{1}{14}$	$\frac{85}{784}$	$\frac{13}{98}$	$\frac{233}{784}$	$\Phi_{784}^{2}\ \Phi_{392}^{2}\ \Phi_{196}^{2}\ \Phi_{112}^{2}\ \Phi_{98}^{3}\ \Phi_{56}^{2}\ \Phi_{49}^{3}\ \Phi_{28}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
121746	1653	540	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{540}^{6}\ \Phi_{270}^{3}\ \Phi_{135}^{3}\ \Phi_{108}^{5}\ \Phi_{60}^{2}\ \Phi_{54}^{2}\ \Phi_{30}\ \Phi_{27}^{3}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
121747	1653	728	$\frac{5}{182}$	$\frac{1}{7}$	$\frac{177}{728}$	$\frac{2}{7}$	$\Phi_{728}^{3}\ \Phi_{364}^{3}\ \Phi_{104}^{3}\ \Phi_{56}^{3}\ \Phi_{52}^{3}\ \Phi_{28}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
121748	1653	567	$\frac{16}{567}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{567}^{3}\ \Phi_{189}^{3}\ \Phi_{81}^{3}\ \Phi_{63}^{3}\ \Phi_{27}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
121749	1653	637	$\frac{5}{91}$	$\frac{86}{637}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{637}^{3}\ \Phi_{49}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
121750	1653	588	$\frac{37}{588}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{588}^{3}\ \Phi_{294}^{3}\ \Phi_{196}^{3}\ \Phi_{147}^{3}\ \Phi_{98}^{3}\ \Phi_{84}^{3}\ \Phi_{49}^{3}\ \Phi_{28}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
121751	1653	672	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{121}{672}$	$\frac{47}{168}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}^{3}\ \Phi_{112}^{3}\ \Phi_{96}^{3}\ \Phi_{56}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{28}^{2}\ \Phi_{16}^{3}\ \Phi_{14}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
121752	1653	40	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{40}^{42}\ \Phi_{20}^{41}\ \Phi_{10}^{41}\ \Phi_{8}^{41}\ \Phi_{5}^{41}\ \Phi_{4}^{40}\ \Phi_{2}^{40}\ \Phi_{1}^{41}$
121753	1653	736	$\frac{3}{184}$	$\frac{181}{736}$	$\frac{1}{4}$	$\frac{185}{736}$	$\Phi_{736}^{2}\ \Phi_{368}^{2}\ \Phi_{184}^{3}\ \Phi_{92}^{3}\ \Phi_{46}^{3}\ \Phi_{32}^{2}\ \Phi_{23}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
121754	1653	160	$\frac{1}{20}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{160}^{12}\ \Phi_{80}^{12}\ \Phi_{40}^{12}\ \Phi_{32}^{9}\ \Phi_{20}^{3}\ \Phi_{16}^{9}\ \Phi_{10}^{3}\ \Phi_{8}^{9}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
121755	1653	224	$\frac{3}{56}$	$\frac{3}{32}$	$\frac{53}{224}$	$\frac{1}{4}$	$\Phi_{224}^{7}\ \Phi_{112}^{7}\ \Phi_{56}^{8}\ \Phi_{32}^{8}\ \Phi_{28}^{8}\ \Phi_{16}^{8}\ \Phi_{14}^{8}\ \Phi_{8}^{9}\ \Phi_{7}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
121756	1653	720	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{169}{720}$	$\frac{1}{4}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{3}\ \Phi_{144}^{3}\ \Phi_{120}^{3}\ \Phi_{80}^{3}\ \Phi_{72}^{3}\ \Phi_{48}^{3}\ \Phi_{40}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
121757	1653	560	$\frac{1}{20}$	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{112}^{3}\ \Phi_{80}^{4}\ \Phi_{56}^{3}\ \Phi_{40}^{4}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
121758	1653	576	$\frac{25}{576}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{576}^{3}\ \Phi_{288}^{3}\ \Phi_{192}^{3}\ \Phi_{144}^{3}\ \Phi_{96}^{3}\ \Phi_{72}^{3}\ \Phi_{64}^{3}\ \Phi_{48}^{3}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
121759	1653	120	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{120}^{18}\ \Phi_{60}^{8}\ \Phi_{40}^{18}\ \Phi_{30}^{13}\ \Phi_{24}^{15}\ \Phi_{20}^{8}\ \Phi_{15}^{13}\ \Phi_{12}^{7}\ \Phi_{10}^{13}\ \Phi_{8}^{15}\ \Phi_{6}^{11}\ \Phi_{5}^{13}\ \Phi_{4}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
121760	1653	680	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{129}{680}$	$\frac{1}{4}$	$\Phi_{680}^{3}\ \Phi_{340}^{3}\ \Phi_{170}^{3}\ \Phi_{85}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
121761	1653	1120	$\frac{1}{14}$	$\frac{3}{32}$	$\frac{13}{70}$	$\frac{1}{4}$	$\Phi_{1120}^{2}\ \Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{160}^{2}\ \Phi_{80}^{2}\ \Phi_{70}\ \Phi_{40}^{2}\ \Phi_{35}\ \Phi_{32}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
121762	1653	600	$\frac{49}{600}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{4}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{25}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
121763	1653	140	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{140}^{11}\ \Phi_{70}^{11}\ \Phi_{35}^{12}\ \Phi_{28}^{12}\ \Phi_{20}^{14}\ \Phi_{14}^{12}\ \Phi_{10}^{14}\ \Phi_{7}^{12}\ \Phi_{5}^{15}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
121764	1653	588	$\frac{37}{588}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{196}^3\ \Phi_{147}^3\ \Phi_{98}^3\ \Phi_{84}\ \Phi_{49}^3\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
121765	1653	624	$\frac{5}{78}$	$\frac{73}{624}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{156}\ \Phi_{104}^3\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{48}^3\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
121766	1653	648	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{648}$	$\frac{1}{4}$	$\Phi_{648}^3\ \Phi_{324}^3\ \Phi_{216}^3\ \Phi_{162}^3\ \Phi_{81}^3\ \Phi_{72}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
121767	1653	672	$\frac{3}{32}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^2\ \Phi_{168}^3\ \Phi_{112}^2\ \Phi_{96}^3\ \Phi_{56}^2\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{3}^3\ \Phi_{1}^3$
121768	1653	64	$\frac{3}{32}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{64}^{29}\ \Phi_{32}^{22}\ \Phi_{16}^{22}\ \Phi_{8}^{25}\ \Phi_{4}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
121769	1653	336	$\frac{2}{21}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{112}$	$\Phi_{336}^7\ \Phi_{168}^7\ \Phi_{112}^5\ \Phi_{56}^5\ \Phi_{48}^7\ \Phi_{24}^7\ \Phi_{21}^3\ \Phi_{16}^5\ \Phi_{8}^5\ \Phi_{7}^2\ \Phi_{3}^3\ \Phi_{1}^3$
121770	1653	1960	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{307}{1960}$	$\frac{85}{392}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{280}\ \Phi_{245}\ \Phi_{140}\ \Phi_{98}\ \Phi_{70}\ \Phi_{49}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
121771	1653	294	$\frac{2}{21}$	$\frac{11}{98}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{294}^7\ \Phi_{147}^7\ \Phi_{98}^5\ \Phi_{49}^5\ \Phi_{21}^3\ \Phi_{7}^2\ \Phi_{3}^3\ \Phi_{1}^3$
121772	1653	70	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{13}{70}$	$\Phi_{70}^{22}\ \Phi_{35}^{23}\ \Phi_{14}^{28}\ \Phi_{10}^{22}\ \Phi_{7}^{28}\ \Phi_{5}^{23}\ \Phi_{2}^{28}\ \Phi_{1}^{29}$
121773	1653	105	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{105}^{21}\ \Phi_{35}^{15}\ \Phi_{21}^3\ \Phi_{15}^{21}\ \Phi_{7}^2\ \Phi_{5}^{15}\ \Phi_{3}^3\ \Phi_{1}^3$
121774	1653	2240	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{35}\ \Phi_{32}\ \Phi_{16}\ \Phi_{5}\ \Phi_{1}$
121775	1654	1650	$\frac{2}{825}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{823}{1650}$	$\Phi_{1650}^2\ \Phi_{550}^2\ \Phi_{330}^2\ \Phi_{150}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
121776	1654	1104	$\frac{1}{276}$	$\frac{277}{1104}$	$\frac{1}{3}$	$\frac{275}{552}$	$\Phi_{1104}^2\ \Phi_{368}^2\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{48}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
121777	1654	4944	$\frac{3}{824}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{821}{1648}$	$\Phi_{4944}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
121778	1654	1647	$\frac{7}{1647}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{820}{1647}$	$\Phi_{1647}\ \Phi_{549}\ \Phi_{183}\ \Phi_{61}\ \Phi_{27}\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
121779	1654	1644	$\frac{5}{822}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{817}{1644}$	$\Phi_{1644}^2\ \Phi_{548}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
121780	1654	1638	$\frac{8}{819}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{811}{1638}$	$\Phi_{1638}^2\ \Phi_{546}^2\ \Phi_{234}^2\ \Phi_{182}^2\ \Phi_{126}^2\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
121781	1654	2760	$\frac{1}{92}$	$\frac{93}{920}$	$\frac{1}{3}$	$\frac{91}{184}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{120}\ \Phi_{69}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
121782	1654	1566	$\frac{1}{87}$	$\frac{44}{783}$	$\frac{739}{1566}$	$\frac{43}{87}$	$\Phi_{1566}^2\ \Phi_{522}^2\ \Phi_{174}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{54}^2\ \Phi_{29}\ \Phi_{18}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
121783	1654	1044	$\frac{1}{87}$	$\frac{44}{261}$	$\frac{217}{1044}$	$\frac{43}{87}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{348}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{36}^2\ \Phi_{29}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
121784	1654	1634	$\frac{10}{817}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{807}{1634}$	$\Phi_{1634}^2\ \Phi_{86}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{2}^2\ \Phi_{1}^2$
121785	1654	1632	$\frac{11}{816}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{805}{1632}$	$\Phi_{1632}^2\ \Phi_{544}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
121786	1654	1596	$\frac{1}{57}$	$\frac{29}{798}$	$\frac{769}{1596}$	$\frac{28}{57}$	$\Phi_{1596}^2\ \Phi_{532}^2\ \Phi_{228}^2\ \Phi_{84}^2\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{28}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
121787	1654	1197	$\frac{1}{57}$	$\frac{29}{399}$	$\frac{370}{1197}$	$\frac{28}{57}$	$\Phi_{1197}^2\ \Phi_{171}^2\ \Phi_{63}^2\ \Phi_{57}\ \Phi_{19}\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
121788	1654	912	$\frac{1}{57}$	$\frac{85}{912}$	$\frac{29}{114}$	$\frac{28}{57}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
121789	1654	1624	$\frac{15}{812}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{797}{1624}$	$\Phi_{1624}^2\ \Phi_{232}^2\ \Phi_{56}^2\ \Phi_{29}\ \Phi_{8}^2\ \Phi_{1}^2$
121790	1654	1620	$\frac{17}{810}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{793}{1620}$	$\Phi_{1620}^2\ \Phi_{540}^2\ \Phi_{324}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
121791	1654	4830	$\frac{22}{805}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{783}{1610}$	$\Phi_{4830}\ \Phi_{966}\ \Phi_{690}\ \Phi_{210}\ \Phi_{138}\ \Phi_{69}\ \Phi_{42}\ \Phi_{30}\ \Phi_{6}$
121792	1654	864	$\frac{1}{36}$	$\frac{37}{864}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
121793	1654	1218	$\frac{1}{29}$	$\frac{15}{406}$	$\frac{391}{1218}$	$\frac{14}{29}$	$\Phi_{1218}^2\ \Phi_{609}^2\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{42}^2\ \Phi_{29}\ \Phi_{21}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
121794	1654	870	$\frac{1}{29}$	$\frac{43}{870}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{870}^2\ \Phi_{435}^2\ \Phi_{290}^2\ \Phi_{174}^2\ \Phi_{145}^2\ \Phi_{87}^2\ \Phi_{30}^2\ \Phi_{29}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
121795	1654	1015	$\frac{1}{29}$	$\frac{15}{203}$	$\frac{188}{1015}$	$\frac{14}{29}$	$\Phi_{1015}^2\ \Phi_{145}^2\ \Phi_{35}^2\ \Phi_{29}\ \Phi_5^2\ \Phi_1^2$
121796	1654	928	$\frac{1}{29}$	$\frac{101}{928}$	$\frac{15}{116}$	$\frac{14}{29}$	$\Phi_{928}^2\ \Phi_{464}^2\ \Phi_{232}^2\ \Phi_{32}^2\ \Phi_{29}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
121797	1654	1596	$\frac{29}{798}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{769}{1596}$	$\Phi_{1596}^2\ \Phi_{532}^2\ \Phi_{228}^2\ \Phi_{84}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{28}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
121798	1654	1587	$\frac{2}{69}$	$\frac{67}{1587}$	$\frac{1}{3}$	$\frac{760}{1587}$	$\Phi_{1587}\ \Phi_{529}\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_3\ \Phi_1^2$
121799	1654	1584	$\frac{1}{36}$	$\frac{35}{792}$	$\frac{1}{3}$	$\frac{757}{1584}$	$\Phi_{1584}^2\ \Phi_{528}^2\ \Phi_{176}^2\ \Phi_{144}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
121800	1654	4692	$\frac{1}{46}$	$\frac{45}{782}$	$\frac{1}{3}$	$\frac{737}{1564}$	$\Phi_{4692}\ \Phi_{276}\ \Phi_{204}\ \Phi_{138}\ \Phi_{69}\ \Phi_{12}\ \Phi_6$
121801	1654	1539	$\frac{1}{57}$	$\frac{115}{1539}$	$\frac{56}{171}$	$\frac{712}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}^2\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
121802	1654	840	$\frac{13}{840}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
121803	1654	1520	$\frac{1}{19}$	$\frac{67}{760}$	$\frac{9}{76}$	$\frac{693}{1520}$	$\Phi_{1520}^2\ \Phi_{304}^2\ \Phi_{80}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
121804	1654	1518	$\frac{1}{69}$	$\frac{68}{759}$	$\frac{1}{3}$	$\frac{691}{1518}$	$\Phi_{1518}^2\ \Phi_{506}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{66}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{22}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
121805	1654	1140	$\frac{1}{57}$	$\frac{28}{285}$	$\frac{313}{1140}$	$\frac{257}{570}$	$\Phi_{1140}^2\ \Phi_{380}^2\ \Phi_{285}^2\ \Phi_{228}^2\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{60}^2\ \Phi_{57}\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
121806	1654	912	$\frac{1}{19}$	$\frac{85}{912}$	$\frac{9}{76}$	$\frac{67}{152}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{48}^2\ \Phi_{38}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
121807	1654	4416	$\frac{1}{92}$	$\frac{91}{736}$	$\frac{1}{3}$	$\frac{645}{1472}$	$\Phi_{4416}\ \Phi_{276}\ \Phi_{192}\ \Phi_{138}\ \Phi_{69}\ \Phi_{12}\ \Phi_6$
121808	1654	1463	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{191}{1463}$	$\frac{636}{1463}$	$\Phi_{1463}\ \Phi_{209}^2\ \Phi_{133}\ \Phi_{77}\ \Phi_{19}\ \Phi_{11}^2\ \Phi_7\ \Phi_1^2$
121809	1654	1449	$\frac{2}{207}$	$\frac{205}{1449}$	$\frac{1}{3}$	$\frac{622}{1449}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}^2\ \Phi_{161}\ \Phi_{69}^2\ \Phi_{63}\ \Phi_{23}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
121810	1654	1425	$\frac{1}{57}$	$\frac{229}{1425}$	$\frac{56}{285}$	$\frac{598}{1425}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{285}^2\ \Phi_{95}^2\ \Phi_{75}\ \Phi_{57}\ \Phi_{25}\ \Phi_{19}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
121811	1654	1026	$\frac{1}{57}$	$\frac{28}{171}$	$\frac{199}{1026}$	$\frac{143}{342}$	$\Phi_{1026}^2\ \Phi_{513}^2\ \Phi_{171}^2\ \Phi_{57}\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{19}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
121812	1654	1392	$\frac{1}{87}$	$\frac{131}{696}$	$\frac{43}{174}$	$\frac{565}{1392}$	$\Phi_{1392}^2\ \Phi_{464}^2\ \Phi_{174}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{48}^2\ \Phi_{29}\ \Phi_{16}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
121813	1654	1380	$\frac{1}{138}$	$\frac{137}{690}$	$\frac{1}{3}$	$\frac{553}{1380}$	$\Phi_{1380}^2\ \Phi_{460}^2\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{60}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
121814	1654	1368	$\frac{1}{57}$	$\frac{28}{171}$	$\frac{143}{684}$	$\frac{541}{1368}$	$\Phi_{1368}^2\ \Phi_{456}^2\ \Phi_{171}^2\ \Phi_{152}^2\ \Phi_{72}^2\ \Phi_{57}\ \Phi_{24}^2\ \Phi_{19}\ \Phi_9^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
121815	1654	1044	$\frac{1}{87}$	$\frac{217}{1044}$	$\frac{43}{174}$	$\frac{131}{348}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{261}^2\ \Phi_{174}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{36}^2\ \Phi_{29}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
121816	1654	2496	$\frac{5}{832}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{192}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
121817	1654	1305	$\frac{1}{87}$	$\frac{86}{435}$	$\frac{349}{1305}$	$\frac{478}{1305}$	$\Phi_{1305}\ \Phi_{435}^2\ \Phi_{261}\ \Phi_{145}^2\ \Phi_{87}\ \Phi_{45}\ \Phi_{29}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
121818	1654	1254	$\frac{9}{209}$	$\frac{1}{19}$	$\frac{200}{627}$	$\frac{427}{1254}$	$\Phi_{1254}^2\ \Phi_{418}^2\ \Phi_{209}^2\ \Phi_{114}^2\ \Phi_{66}^2\ \Phi_{38}^2\ \Phi_{22}^2\ \Phi_{19}\ \Phi_{11}^2\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
121819	1654	1242	$\frac{1}{207}$	$\frac{206}{621}$	$\frac{1}{3}$	$\frac{415}{1242}$	$\Phi_{1242}^2\ \Phi_{414}^2\ \Phi_{207}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{54}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
121820	1654	990	$\frac{2}{165}$	$\frac{163}{990}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
121821	1654	840	$\frac{13}{840}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
121822	1654	900	$\frac{2}{75}$	$\frac{73}{900}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
121823	1654	858	$\frac{31}{858}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{78}^2\ \Phi_{66}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
121824	1654	1236	$\frac{3}{412}$	$\frac{1}{4}$	$\frac{409}{1236}$	$\frac{1}{3}$	$\Phi_{1236}\ \Phi_{618}\ \Phi_{412}^2\ \Phi_{309}\ \Phi_{206}^2\ \Phi_{103}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
121825	1654	1224	$\frac{11}{408}$	$\frac{1}{12}$	$\frac{397}{1224}$	$\frac{1}{3}$	$\Phi_{1224}^2\ \Phi_{612}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
121826	1654	864	$\frac{37}{864}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
121827	1654	1188	$\frac{1}{36}$	$\frac{35}{396}$	$\frac{361}{1188}$	$\frac{1}{3}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{297}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
121828	1654	837	$\frac{10}{837}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{837}^2\ \Phi_{279}^2\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{27}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
121829	1654	1104	$\frac{1}{92}$	$\frac{91}{368}$	$\frac{277}{1104}$	$\frac{1}{3}$	$\Phi_{1104}\ \Phi_{552}\ \Phi_{368}^2\ \Phi_{276}^2\ \Phi_{184}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{48}\ \Phi_{46}^2\ \Phi_{24}\ \Phi_{23}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
121830	1654	1098	$\frac{7}{549}$	$\frac{2}{9}$	$\frac{271}{1098}$	$\frac{1}{3}$	$\Phi_{1098}^2\ \Phi_{549}\ \Phi_{366}^2\ \Phi_{183}^2\ \Phi_{122}^2\ \Phi_{61}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
121831	1654	1080	$\frac{1}{18}$	$\frac{17}{270}$	$\frac{253}{1080}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
121832	1654	864	$\frac{37}{864}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
121833	1654	2760	$\frac{1}{23}$	$\frac{93}{920}$	$\frac{22}{115}$	$\frac{1}{3}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{120}\ \Phi_{69}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
121834	1654	1020	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{193}{1020}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
121835	1654	900	$\frac{1}{18}$	$\frac{73}{900}$	$\frac{17}{90}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{36}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
121836	1654	972	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{145}{972}$	$\frac{1}{3}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{243}^2\ \Phi_{108}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
121837	1654	966	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{139}{966}$	$\frac{1}{3}$	$\Phi_{966}^2\ \Phi_{483}\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{42}^2\ \Phi_{23}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
121838	1654	882	$\frac{55}{882}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{3}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{294}^2\ \Phi_{147}^2\ \Phi_{126}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
121839	1654	936	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{109}{936}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
121840	1654	1026	$\frac{1}{57}$	$\frac{199}{1026}$	$\frac{115}{513}$	$\frac{56}{171}$	$\Phi_{1026}^2\ \Phi_{513}\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{57}\ \Phi_{54}^2\ \Phi_{38}^2\ \Phi_{27}\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
121841	1654	1140	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{67}{380}$	$\frac{313}{1140}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{285}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{60}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
121842	1654	912	$\frac{1}{19}$	$\frac{85}{912}$	$\frac{9}{38}$	$\frac{29}{114}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{48}^2\ \Phi_{38}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
121843	1654	1064	$\frac{1}{19}$	$\frac{29}{266}$	$\frac{237}{1064}$	$\frac{9}{38}$	$\Phi_{1064}^2\ \Phi_{532}^2\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{56}^2\ \Phi_{38}^2\ \Phi_{28}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
121844	1655	1320	$\frac{1}{330}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{329}{660}$	$\Phi_{1320}^2\ \Phi_{660}\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{220}\ \Phi_{132}\ \Phi_{120}^2\ \Phi_{88}^2\ \Phi_{60}\ \Phi_{44}\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
121845	1655	1968	$\frac{3}{328}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{325}{656}$	$\Phi_{1968}^2\ \Phi_{656}\ \Phi_{48}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
121846	1655	2664	$\frac{2}{333}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2664}\ \Phi_{888}\ \Phi_{333}\ \Phi_{296}\ \Phi_{111}\ \Phi_{72}\ \Phi_{37}\ \Phi_9\ \Phi_8\ \Phi_1$
121847	1655	3960	$\frac{1}{165}$	$\frac{1}{4}$	$\frac{164}{495}$	$\frac{3}{8}$	$\Phi_{3960}\ \Phi_{792}\ \Phi_{495}\ \Phi_{360}\ \Phi_{99}\ \Phi_{72}\ \Phi_{45}\ \Phi_9\ \Phi_8\ \Phi_1$
121848	1655	440	$\frac{1}{110}$	$\frac{109}{440}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^3\ \Phi_{220}^5\ \Phi_{110}^4\ \Phi_{88}^3\ \Phi_{55}^4\ \Phi_{44}^5\ \Phi_{40}^4\ \Phi_{22}^4\ \Phi_{20}^5\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
121849	1655	2680	$\frac{4}{335}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2680}\ \Phi_{536}\ \Phi_{335}\ \Phi_{67}\ \Phi_8\ \Phi_1$
121850	1655	336	$\frac{5}{336}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{48}^5\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{24}^3\ \Phi_{21}^5\ \Phi_{16}^5\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_8^4\ \Phi_7^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
121851	1655	792	$\frac{1}{66}$	$\frac{65}{396}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}^4\ \Phi_{396}\ \Phi_{264}^2\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}^2\ \Phi_{72}^4\ \Phi_{44}\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8^3\ \Phi_4\ \Phi_1$
121852	1655	3080	$\frac{1}{55}$	$\frac{54}{385}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{385}\ \Phi_{280}\ \Phi_{77}\ \Phi_{56}\ \Phi_{35}\ \Phi_8\ \Phi_7\ \Phi_1$
121853	1655	680	$\frac{9}{340}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{680}^4\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}^4\ \Phi_{85}\ \Phi_{68}\ \Phi_{40}^2\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_8^3\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
121854	1655	2728	$\frac{10}{341}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2728}\ \Phi_{341}\ \Phi_{248}\ \Phi_{31}\ \Phi_{8}\ \Phi_{1}$
121855	1655	2904	$\frac{1}{33}$	$\frac{32}{363}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2904}\ \Phi_{968}\ \Phi_{363}\ \Phi_{121}\ \Phi_{8}\ \Phi_{1}$
121856	1655	360	$\frac{1}{30}$	$\frac{29}{360}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^3\ \Phi_{90}^5\ \Phi_{72}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{40}^3\ \Phi_{36}^5\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^5\ \Phi_{18}^5\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_{9}^5\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
121857	1655	2760	$\frac{14}{345}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{345}\ \Phi_{184}\ \Phi_{115}\ \Phi_{69}\ \Phi_{23}\ \Phi_{8}\ \Phi_{1}$
121858	1655	352	$\frac{1}{22}$	$\frac{21}{352}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{352}^5\ \Phi_{176}^5\ \Phi_{88}^3\ \Phi_{44}^5\ \Phi_{32}^5\ \Phi_{22}^4\ \Phi_{16}^5\ \Phi_{11}^4\ \Phi_{8}^4\ \Phi_{4}^5\ \Phi_{2}^4\ \Phi_{1}^5$
121859	1655	498	$\frac{1}{83}$	$\frac{1}{6}$	$\frac{82}{249}$	$\frac{167}{498}$	$\Phi_{498}^3\ \Phi_{249}^4\ \Phi_{166}^3\ \Phi_{83}^3\ \Phi_{6}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
121860	1655	492	$\frac{3}{164}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{161}{492}$	$\Phi_{492}^3\ \Phi_{246}^3\ \Phi_{164}^4\ \Phi_{123}^3\ \Phi_{82}^4\ \Phi_{41}^4\ \Phi_{12}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
121861	1655	395	$\frac{4}{79}$	$\frac{64}{395}$	$\frac{15}{79}$	$\frac{1}{5}$	$\Phi_{395}^4\ \Phi_{79}^5\ \Phi_{5}^3\ \Phi_{1}^5$
121862	1656	1239	$\frac{1}{413}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{206}{413}$	$\Phi_{1239}\ \Phi_{413}^2\ \Phi_{177}\ \Phi_{59}^2\ \Phi_{21}\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
121863	1656	331	$\frac{1}{331}$	$\frac{83}{331}$	$\frac{124}{331}$	$\frac{165}{331}$	$\Phi_{331}^5\ \Phi_{1}^6$
121864	1656	2487	$\frac{3}{829}$	$\frac{208}{829}$	$\frac{1}{3}$	$\frac{413}{829}$	Φ_{2487}
121865	1656	275	$\frac{1}{275}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{137}{275}$	$\Phi_{275}^6\ \Phi_{55}^6\ \Phi_{25}^6\ \Phi_{11}^6\ \Phi_{5}^7\ \Phi_{1}^8$
121866	1656	3300	$\frac{1}{275}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{137}{275}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{660}\ \Phi_{330}\ \Phi_{300}\ \Phi_{150}\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_{6}^2$
121867	1656	1655	$\frac{7}{1655}$	$\frac{277}{1655}$	$\frac{689}{1655}$	$\frac{824}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^2$
121868	1656	2884	$\frac{1}{206}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{205}{412}$	$\Phi_{2884}\ \Phi_{412}^2\ \Phi_{28}\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
121869	1656	6180	$\frac{1}{206}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{205}{412}$	$\Phi_{6180}\ \Phi_{60}\ \Phi_{15}$
121870	1656	2212	$\frac{3}{553}$	$\frac{1}{4}$	$\frac{139}{553}$	$\frac{275}{553}$	$\Phi_{2212}\ \Phi_{1106}\ \Phi_{316}\ \Phi_{158}\ \Phi_{28}\ \Phi_{14}$
121871	1656	1655	$\frac{9}{1655}$	$\frac{413}{1655}$	$\frac{416}{1655}$	$\frac{823}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^2$
121872	1656	2928	$\frac{1}{183}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{91}{183}$	$\Phi_{2928}\ \Phi_{976}\ \Phi_{183}\ \Phi_{61}\ \Phi_{48}\ \Phi_{16}^2\ \Phi_{3}\ \Phi_{1}^2$
121873	1656	732	$\frac{1}{183}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{91}{183}$	$\Phi_{732}^2\ \Phi_{366}^2\ \Phi_{244}^2\ \Phi_{183}^3\ \Phi_{122}^2\ \Phi_{61}^3\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
121874	1656	2487	$\frac{5}{829}$	$\frac{139}{829}$	$\frac{1}{3}$	$\frac{412}{829}$	Φ_{2487}
121875	1656	1507	$\frac{1}{137}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{68}{137}$	$\Phi_{1507}\ \Phi_{137}^2\ \Phi_{11}^2\ \Phi_{1}^4$
121876	1656	2877	$\frac{1}{137}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{68}{137}$	$\Phi_{2877}\ \Phi_{21}^2$
121877	1656	1507	$\frac{1}{137}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{68}{137}$	$\Phi_{1507}\ \Phi_{137}^2\ \Phi_{11}^2\ \Phi_{1}^4$
121878	1656	2740	$\frac{1}{137}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{68}{137}$	$\Phi_{2740}\ \Phi_{1370}\ \Phi_{20}^2\ \Phi_{10}^2$
121879	1656	1655	$\frac{13}{1655}$	$\frac{139}{1655}$	$\frac{758}{1655}$	$\frac{821}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^2$
121880	1656	1655	$\frac{13}{1655}$	$\frac{278}{1655}$	$\frac{459}{1655}$	$\frac{821}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^2$
121881	1656	2212	$\frac{5}{553}$	$\frac{93}{553}$	$\frac{1}{4}$	$\frac{274}{553}$	$\Phi_{2212}\ \Phi_{1106}\ \Phi_{316}\ \Phi_{158}\ \Phi_{28}\ \Phi_{14}$
121882	1656	410	$\frac{2}{205}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{203}{410}$	$\Phi_{410}^8\ \Phi_{82}^8\ \Phi_{10}^8\ \Phi_{5}^3\ \Phi_{2}^8\ \Phi_{1}^4$
121883	1656	1655	$\frac{17}{1655}$	$\frac{209}{1655}$	$\frac{482}{1655}$	$\frac{819}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^2$
121884	1656	1939	$\frac{3}{277}$	$\frac{1}{7}$	$\frac{70}{277}$	$\frac{137}{277}$	Φ_{1939}
121885	1656	1547	$\frac{1}{91}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{45}{91}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}\ \Phi_{91}^2\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_{7}^2\ \Phi_{1}^4$
121886	1656	2730	$\frac{1}{91}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{45}{91}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{210}\ \Phi_{195}\ \Phi_{105}\ \Phi_{78}\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
121887	1656	1547	$\frac{1}{91}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{45}{91}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}\ \Phi_{91}^2\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_{7}^2\ \Phi_{1}^4$
121888	1656	364	$\frac{1}{91}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{45}{91}$	$\Phi_{364}^6\ \Phi_{182}^6\ \Phi_{52}^6\ \Phi_{28}^7\ \Phi_{26}^6\ \Phi_{14}^7\ \Phi_{4}^6\ \Phi_{2}^6$
121889	1656	1655	$\frac{19}{1655}$	$\frac{93}{1655}$	$\frac{781}{1655}$	$\frac{818}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^2$
121890	1656	1655	$\frac{19}{1655}$	$\frac{279}{1655}$	$\frac{344}{1655}$	$\frac{818}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^2$
121891	1656	415	$\frac{1}{83}$	$\frac{14}{83}$	$\frac{1}{5}$	$\frac{41}{83}$	$\Phi_{415}^5\ \Phi_{5}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
121892	1656	316	$\frac{1}{79}$	$\frac{10}{79}$	$\frac{1}{4}$	$\frac{39}{79}$	$\Phi_{316}^{7}\ \Phi_{158}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
121893	1656	1655	$\frac{21}{1655}$	$\frac{206}{1655}$	$\frac{419}{1655}$	$\frac{817}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^{2}$
121894	1656	2487	$\frac{11}{829}$	$\frac{70}{829}$	$\frac{1}{3}$	$\frac{409}{829}$	Φ_{2487}
121895	1656	3124	$\frac{1}{71}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{35}{71}$	$\Phi_{3124}\ \Phi_{284}\ \Phi_{71}\ \Phi_{44}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
121896	1656	2343	$\frac{1}{71}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{35}{71}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{71}\ \Phi_{33}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
121897	1656	3128	$\frac{1}{68}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{67}{136}$	$\Phi_{3128}\ \Phi_{184}\ \Phi_{136}^{2}\ \Phi_{23}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
121898	1656	5304	$\frac{1}{68}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{67}{136}$	$\Phi_{5304}\ \Phi_{312}\ \Phi_{39}$
121899	1656	3128	$\frac{1}{68}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{67}{136}$	$\Phi_{3128}\ \Phi_{184}\ \Phi_{136}^{2}\ \Phi_{23}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
121900	1656	1224	$\frac{1}{68}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{67}{136}$	$\Phi_{1224}^{3}\ \Phi_{408}^{3}\ \Phi_{72}^{3}\ \Phi_{36}\ \Phi_{24}^{3}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
121901	1656	3128	$\frac{1}{68}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{67}{136}$	$\Phi_{3128}\ \Phi_{184}\ \Phi_{136}^{2}\ \Phi_{23}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
121902	1656	4760	$\frac{1}{68}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{67}{136}$	$\Phi_{4760}\ \Phi_{280}\ \Phi_{35}$
121903	1656	331	$\frac{5}{331}$	$\frac{28}{331}$	$\frac{101}{331}$	$\frac{163}{331}$	$\Phi_{331}^{5}\ \Phi_{1}^{6}$
121904	1656	370	$\frac{3}{185}$	$\frac{1}{10}$	$\frac{47}{185}$	$\frac{91}{185}$	$\Phi_{370}^{5}\ \Phi_{185}^{4}\ \Phi_{74}^{5}\ \Phi_{37}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
121905	1656	1939	$\frac{5}{277}$	$\frac{1}{7}$	$\frac{47}{277}$	$\frac{136}{277}$	Φ_{1939}
121906	1656	1655	$\frac{31}{1655}$	$\frac{229}{1655}$	$\frac{281}{1655}$	$\frac{812}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^{2}$
121907	1656	2212	$\frac{11}{553}$	$\frac{47}{553}$	$\frac{1}{4}$	$\frac{271}{553}$	$\Phi_{2212}\ \Phi_{1106}\ \Phi_{316}\ \Phi_{158}\ \Phi_{28}\ \Phi_{14}$
121908	1656	1655	$\frac{33}{1655}$	$\frac{137}{1655}$	$\frac{422}{1655}$	$\frac{811}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^{2}$
121909	1656	2487	$\frac{17}{829}$	$\frac{47}{829}$	$\frac{1}{3}$	$\frac{406}{829}$	Φ_{2487}
121910	1656	315	$\frac{1}{45}$	$\frac{1}{35}$	$\frac{17}{35}$	$\frac{22}{45}$	$\Phi_{315}^{5}\ \Phi_{105}^{5}\ \Phi_{63}^{5}\ \Phi_{45}^{6}\ \Phi_{35}^{6}\ \Phi_{21}^{5}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
121911	1656	855	$\frac{1}{45}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{855}^{2}\ \Phi_{285}^{2}\ \Phi_{171}^{2}\ \Phi_{95}^{2}\ \Phi_{57}^{3}\ \Phi_{19}^{2}$
121912	1656	315	$\frac{1}{45}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{22}{45}$	$\Phi_{315}^{5}\ \Phi_{105}^{5}\ \Phi_{63}^{5}\ \Phi_{45}^{6}\ \Phi_{35}^{6}\ \Phi_{21}^{5}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
121913	1656	2340	$\frac{1}{45}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{22}{45}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{468}\ \Phi_{390}\ \Phi_{260}\ \Phi_{234}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{52}^{2}\ \Phi_{26}^{2}$
121914	1656	315	$\frac{1}{45}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{22}{45}$	$\Phi_{315}^{5}\ \Phi_{105}^{5}\ \Phi_{63}^{5}\ \Phi_{45}^{6}\ \Phi_{35}^{6}\ \Phi_{21}^{5}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
121915	1656	90	$\frac{1}{45}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{22}{45}$	$\Phi_{90}^{20}\ \Phi_{45}^{16}\ \Phi_{30}^{20}\ \Phi_{18}^{20}\ \Phi_{15}^{16}\ \Phi_{10}^{24}\ \Phi_{9}^{16}\ \Phi_{6}^{20}\ \Phi_{5}^{19}\ \Phi_{3}^{16}\ \Phi_{2}^{24}\ \Phi_{1}^{20}$
121916	1656	315	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{22}{45}$	$\Phi_{315}^{5}\ \Phi_{105}^{5}\ \Phi_{63}^{5}\ \Phi_{45}^{6}\ \Phi_{35}^{5}\ \Phi_{21}^{5}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{10}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
121917	1656	1655	$\frac{37}{1655}$	$\frac{47}{1655}$	$\frac{804}{1655}$	$\frac{809}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^{2}$
121918	1656	1110	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{19}{111}$	$\frac{18}{37}$	$\Phi_{1110}^{2}\ \Phi_{555}^{2}\ \Phi_{370}\ \Phi_{222}^{2}\ \Phi_{185}\ \Phi_{74}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}$
121919	1656	840	$\frac{1}{35}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{140}^{2}\ \Phi_{120}^{2}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{4}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{12}^{4}\ \Phi_{10}^{2}\ \Phi_{8}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
121920	1656	210	$\frac{1}{35}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{17}{35}$	$\Phi_{210}^{10}\ \Phi_{105}^{5}\ \Phi_{70}^{10}\ \Phi_{42}^{10}\ \Phi_{35}^{6}\ \Phi_{30}^{12}\ \Phi_{21}^{5}\ \Phi_{15}^{6}\ \Phi_{14}^{10}\ \Phi_{10}^{12}\ \Phi_{7}^{6}\ \Phi_{6}^{12}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{8}$
121921	1656	175	$\frac{1}{35}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{17}{35}$	$\Phi_{175}^{10}\ \Phi_{35}^{6}\ \Phi_{25}^{12}\ \Phi_{7}^{6}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
121922	1656	945	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{17}{35}$	$\Phi_{945}^{2}\ \Phi_{315}\ \Phi_{189}^{2}\ \Phi_{135}^{2}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}^{2}\ \Phi_{27}^{4}\ \Phi_{21}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
121923	1656	1655	$\frac{49}{1655}$	$\frac{71}{1655}$	$\frac{528}{1655}$	$\frac{803}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^{2}$
121924	1656	589	$\frac{1}{31}$	$\frac{1}{19}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{589}^{3}\ \Phi_{19}^{2}$
121925	1656	331	$\frac{11}{331}$	$\frac{19}{331}$	$\frac{78}{331}$	$\frac{160}{331}$	$\Phi_{331}^{5}\ \Phi_{1}^{6}$
121926	1656	3600	$\frac{7}{200}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{193}{400}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
121927	1656	1807	$\frac{5}{139}$	$\frac{1}{13}$	$\frac{24}{139}$	$\frac{67}{139}$	Φ_{1807}
121928	1656	1655	$\frac{61}{1655}$	$\frac{143}{1655}$	$\frac{252}{1655}$	$\frac{797}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
121929	1656	370	$\frac{7}{185}$	$\frac{1}{10}$	$\frac{24}{185}$	$\frac{89}{185}$	$\Phi_{370}^5\ \Phi_{185}^4\ \Phi_{74}^5\ \Phi_{37}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
121930	1656	331	$\frac{13}{331}$	$\frac{32}{331}$	$\frac{43}{331}$	$\frac{159}{331}$	$\Phi_{331}^5\ \Phi_1^6$
121931	1656	1939	$\frac{11}{277}$	$\frac{24}{277}$	$\frac{1}{7}$	$\frac{133}{277}$	Φ_{1939}
121932	1656	1655	$\frac{67}{1655}$	$\frac{114}{1655}$	$\frac{287}{1655}$	$\frac{794}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_5\ \Phi_1^2$
121933	1656	415	$\frac{17}{415}$	$\frac{24}{415}$	$\frac{1}{5}$	$\frac{199}{415}$	$\Phi_{415}^4\ \Phi_{83}^4\ \Phi_5^3\ \Phi_1^4$
121934	1656	1752	$\frac{3}{73}$	$\frac{1}{24}$	$\frac{19}{73}$	$\frac{35}{73}$	$\Phi_{1752}\ \Phi_{876}\ \Phi_{584}\ \Phi_{438}\ \Phi_{292}\ \Phi_{219}\ \Phi_{146}$
121935	1656	2212	$\frac{23}{553}$	$\frac{24}{553}$	$\frac{1}{4}$	$\frac{265}{553}$	$\Phi_{2212}\ \Phi_{1106}\ \Phi_{316}\ \Phi_{158}\ \Phi_{28}\ \Phi_{14}$
121936	1656	1655	$\frac{68}{1655}$	$\frac{69}{1655}$	$\frac{431}{1655}$	$\frac{793}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_5\ \Phi_1^2$
121937	1656	2487	$\frac{24}{829}$	$\frac{35}{829}$	$\frac{1}{3}$	$\frac{397}{829}$	Φ_{2487}
121938	1656	782	$\frac{1}{34}$	$\frac{1}{23}$	$\frac{11}{34}$	$\frac{11}{23}$	$\Phi_{782}^2\ \Phi_{391}^2\ \Phi_{46}^2\ \Phi_{34}^4\ \Phi_{23}^3\ \Phi_{17}^4\ \Phi_2^4\ \Phi_1^6$
121939	1656	552	$\frac{1}{24}$	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{552}^3\ \Phi_{276}^3\ \Phi_{184}^3\ \Phi_{138}^3\ \Phi_{92}^2\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{24}^6\ \Phi_{23}^3\ \Phi_{12}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
121940	1656	1955	$\frac{1}{23}$	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{11}{23}$	$\Phi_{1955}\ \Phi_{115}\ \Phi_{85}^2\ \Phi_{23}\ \Phi_5^2\ \Phi_1^2$
121941	1656	4884	$\frac{1}{37}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{4884}\ \Phi_{444}\ \Phi_{111}$
121942	1656	3124	$\frac{2}{71}$	$\frac{1}{22}$	$\frac{23}{71}$	$\frac{21}{44}$	$\Phi_{3124}\ \Phi_{284}\ \Phi_{71}\ \Phi_{44}^2\ \Phi_4^2\ \Phi_1^2$
121943	1656	1100	$\frac{1}{25}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{1100}\ \Phi_{550}^2\ \Phi_{275}^2\ \Phi_{220}\ \Phi_{110}^2\ \Phi_{100}^2\ \Phi_{55}^2\ \Phi_{50}^3\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
121944	1656	3124	$\frac{3}{71}$	$\frac{1}{22}$	$\frac{17}{71}$	$\frac{21}{44}$	$\Phi_{3124}\ \Phi_{284}\ \Phi_{71}\ \Phi_{44}^2\ \Phi_4^2\ \Phi_1^2$
121945	1656	4180	$\frac{1}{22}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{4180}\ \Phi_{380}\ \Phi_{95}$
121946	1656	3124	$\frac{1}{22}$	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{21}{44}$	$\Phi_{3124}\ \Phi_{284}\ \Phi_{71}\ \Phi_{44}^2\ \Phi_4^2\ \Phi_1^2$
121947	1656	4004	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{21}{44}$	$\Phi_{4004}\ \Phi_{364}\ \Phi_{91}$
121948	1656	3124	$\frac{1}{22}$	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{21}{44}$	$\Phi_{3124}\ \Phi_{284}\ \Phi_{71}\ \Phi_{44}^2\ \Phi_4^2\ \Phi_1^2$
121949	1656	1980	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{21}{44}$	$\Phi_{1980}^2\ \Phi_{660}^2\ \Phi_{396}\ \Phi_{180}^2\ \Phi_{132}\ \Phi_{90}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
121950	1656	1655	$\frac{53}{1655}$	$\frac{89}{1655}$	$\frac{436}{1655}$	$\frac{783}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_5\ \Phi_1^2$
121951	1656	2487	$\frac{19}{829}$	$\frac{45}{829}$	$\frac{1}{3}$	$\frac{392}{829}$	Φ_{2487}
121952	1656	1655	$\frac{38}{1655}$	$\frac{93}{1655}$	$\frac{539}{1655}$	$\frac{781}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_5\ \Phi_1^2$
121953	1656	2397	$\frac{1}{47}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{2397}\ \Phi_{141}^2$
121954	1656	1547	$\frac{3}{91}$	$\frac{1}{17}$	$\frac{22}{91}$	$\frac{8}{17}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}\ \Phi_{91}^2\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_1^4$
121955	1656	2040	$\frac{1}{24}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2$
121956	1656	833	$\frac{1}{17}$	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{8}{17}$	$\Phi_{833}^2\ \Phi_{119}\ \Phi_{49}^4\ \Phi_{17}^2\ \Phi_7^2\ \Phi_1^4$
121957	1656	442	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{8}{17}$	$\Phi_{442}^4\ \Phi_{221}^3\ \Phi_{34}^4\ \Phi_{26}^8\ \Phi_{17}^4\ \Phi_{13}^6\ \Phi_2^8\ \Phi_1^8$
121958	1656	650	$\frac{1}{25}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{650}^5\ \Phi_{130}^4\ \Phi_{50}^5\ \Phi_{26}^4\ \Phi_{25}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
121959	1656	1170	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{61}{130}$	$\Phi_{1170}^3\ \Phi_{390}^3\ \Phi_{234}^3\ \Phi_{117}\ \Phi_{90}^3\ \Phi_{78}^3\ \Phi_{39}\ \Phi_{30}^3\ \Phi_{18}^3\ \Phi_6^3$
121960	1656	2016	$\frac{1}{16}$	$\frac{17}{224}$	$\frac{1}{9}$	$\frac{15}{32}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
121961	1656	1752	$\frac{1}{24}$	$\frac{5}{73}$	$\frac{13}{73}$	$\frac{34}{73}$	$\Phi_{1752}\ \Phi_{876}\ \Phi_{584}\ \Phi_{438}\ \Phi_{292}\ \Phi_{219}\ \Phi_{146}$
121962	1656	700	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{700}^2\ \Phi_{350}^3\ \Phi_{175}^3\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{70}^3\ \Phi_{50}^3\ \Phi_{35}^3\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
121963	1656	1152	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{1}{9}$	$\frac{59}{128}$	$\Phi_{1152}^3\ \Phi_{384}^3\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
121964	1656	1655	$\frac{59}{1655}$	$\frac{133}{1655}$	$\frac{298}{1655}$	$\frac{761}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_5\ \Phi_1^2$
121965	1656	1739	$\frac{1}{47}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	Φ_{1739}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
121966	1656	2212	$\frac{13}{553}$	$\frac{45}{553}$	$\frac{1}{4}$	$\frac{254}{553}$	$\Phi_{2212}\ \Phi_{1106}\ \Phi_{316}\ \Phi_{158}\ \Phi_{28}\ \Phi_{14}$
121967	1656	1655	$\frac{39}{1655}$	$\frac{139}{1655}$	$\frac{404}{1655}$	$\frac{758}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^{2}$
121968	1656	2310	$\frac{1}{70}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}^{2}\ \Phi_{165}\ \Phi_{105}^{2}\ \Phi_{66}\ \Phi_{42}^{2}\ \Phi_{30}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}$
121969	1656	1507	$\frac{2}{137}$	$\frac{1}{11}$	$\frac{45}{137}$	$\frac{5}{11}$	$\Phi_{1507}\ \Phi_{137}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
121970	1656	2068	$\frac{1}{47}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{2068}\ \Phi_{1034}\ \Phi_{188}^{2}\ \Phi_{94}^{2}$
121971	1656	1507	$\frac{5}{137}$	$\frac{1}{11}$	$\frac{22}{137}$	$\frac{5}{11}$	$\Phi_{1507}\ \Phi_{137}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
121972	1656	1848	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{168}^{2}\ \Phi_{154}\ \Phi_{84}^{2}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}$
121973	1656	3066	$\frac{1}{73}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{3066}\ \Phi_{1022}\ \Phi_{438}\ \Phi_{219}\ \Phi_{146}$
121974	1656	1050	$\frac{1}{25}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{1050}^{3}\ \Phi_{350}^{3}\ \Phi_{210}^{3}\ \Phi_{175}\ \Phi_{150}^{3}\ \Phi_{70}^{3}\ \Phi_{50}^{3}\ \Phi_{35}\ \Phi_{30}^{3}\ \Phi_{10}^{3}$
121975	1656	1752	$\frac{1}{24}$	$\frac{7}{73}$	$\frac{10}{73}$	$\frac{33}{73}$	$\Phi_{1752}\ \Phi_{876}\ \Phi_{584}\ \Phi_{438}\ \Phi_{292}\ \Phi_{219}\ \Phi_{146}$
121976	1656	400	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{400}^{5}\ \Phi_{200}^{5}\ \Phi_{80}^{4}\ \Phi_{50}^{5}\ \Phi_{40}^{4}\ \Phi_{25}^{4}\ \Phi_{16}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
121977	1656	1655	$\frac{62}{1655}$	$\frac{177}{1655}$	$\frac{229}{1655}$	$\frac{739}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^{2}$
121978	1656	415	$\frac{2}{83}$	$\frac{9}{83}$	$\frac{1}{5}$	$\frac{37}{83}$	$\Phi_{415}^{5}\ \Phi_{5}^{4}$
121979	1656	1655	$\frac{26}{1655}$	$\frac{181}{1655}$	$\frac{459}{1655}$	$\frac{737}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^{2}$
121980	1656	2487	$\frac{10}{829}$	$\frac{91}{829}$	$\frac{1}{3}$	$\frac{369}{829}$	Φ_{2487}
121981	1656	331	$\frac{4}{331}$	$\frac{37}{331}$	$\frac{109}{331}$	$\frac{147}{331}$	$\Phi_{331}^{5}\ \Phi_{1}^{6}$
121982	1656	350	$\frac{1}{70}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{350}^{5}\ \Phi_{175}^{5}\ \Phi_{70}^{4}\ \Phi_{50}^{5}\ \Phi_{35}^{4}\ \Phi_{25}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
121983	1656	1488	$\frac{1}{93}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1488}^{2}\ \Phi_{496}^{2}\ \Phi_{93}^{2}\ \Phi_{48}\ \Phi_{31}^{2}\ \Phi_{16}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
121984	1656	2336	$\frac{1}{73}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{2336}\ \Phi_{584}\ \Phi_{292}\ \Phi_{146}$
121985	1656	976	$\frac{1}{61}$	$\frac{1}{8}$	$\frac{15}{61}$	$\frac{7}{16}$	$\Phi_{976}^{3}\ \Phi_{61}^{3}\ \Phi_{16}^{4}\ \Phi_{1}^{4}$
121986	1656	3760	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{3760}\ \Phi_{235}$
121987	1656	2928	$\frac{7}{183}$	$\frac{22}{183}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2928}\ \Phi_{976}\ \Phi_{183}\ \Phi_{61}\ \Phi_{48}\ \Phi_{16}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
121988	1656	144	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{144}^{23}\ \Phi_{72}^{3}\ \Phi_{48}^{15}\ \Phi_{36}^{3}\ \Phi_{24}^{2}\ \Phi_{18}^{3}\ \Phi_{16}^{16}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
121989	1656	1739	$\frac{1}{47}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	Φ_{1739}
121990	1656	3276	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{25}{182}$	$\frac{157}{364}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{252}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{84}\ \Phi_{78}\ \Phi_{39}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
121991	1656	1655	$\frac{41}{1655}$	$\frac{231}{1655}$	$\frac{269}{1655}$	$\frac{712}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^{2}$
121992	1656	721	$\frac{1}{103}$	$\frac{1}{7}$	$\frac{34}{103}$	$\frac{3}{7}$	$\Phi_{721}^{2}\ \Phi_{103}^{4}\ \Phi_{7}^{3}\ \Phi_{1}^{6}$
121993	1656	140	$\frac{1}{70}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{140}^{16}\ \Phi_{70}^{8}\ \Phi_{35}^{8}\ \Phi_{28}^{15}\ \Phi_{20}^{16}\ \Phi_{14}^{7}\ \Phi_{10}^{8}\ \Phi_{7}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{14}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
121994	1656	721	$\frac{4}{103}$	$\frac{11}{103}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{721}^{2}\ \Phi_{103}^{4}\ \Phi_{7}^{3}\ \Phi_{1}^{6}$
121995	1656	840	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}\ \Phi_{140}^{2}\ \Phi_{120}^{4}\ \Phi_{105}^{2}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}^{4}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}^{4}\ \Phi_{35}\ \Phi_{30}^{4}\ \Phi_{28}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
121996	1656	2920	$\frac{1}{73}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{2920}\ \Phi_{584}\ \Phi_{292}\ \Phi_{146}$
121997	1656	200	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{200}^{15}\ \Phi_{50}^{5}\ \Phi_{40}^{12}\ \Phi_{25}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{12}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
121998	1656	1752	$\frac{1}{24}$	$\frac{7}{73}$	$\frac{11}{73}$	$\frac{31}{73}$	$\Phi_{1752}\ \Phi_{876}\ \Phi_{584}\ \Phi_{438}\ \Phi_{292}\ \Phi_{219}\ \Phi_{146}$
121999	1656	331	$\frac{13}{331}$	$\frac{32}{331}$	$\frac{53}{331}$	$\frac{139}{331}$	$\Phi_{331}^{5}\ \Phi_{1}^{6}$
122000	1656	1939	$\frac{7}{277}$	$\frac{1}{7}$	$\frac{45}{277}$	$\frac{116}{277}$	Φ_{1939}
122001	1656	1655	$\frac{29}{1655}$	$\frac{271}{1655}$	$\frac{321}{1655}$	$\frac{692}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
122002	1656	316	$\frac{1}{79}$	$\frac{13}{79}$	$\frac{1}{4}$	$\frac{33}{79}$	$\Phi_{316}^{7}\ \Phi_{158}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
122003	1656	1655	$\frac{17}{1655}$	$\frac{273}{1655}$	$\frac{482}{1655}$	$\frac{691}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^{2}$
122004	1656	2487	$\frac{7}{829}$	$\frac{137}{829}$	$\frac{1}{3}$	$\frac{346}{829}$	Φ_{2487}
122005	1656	1655	$\frac{14}{1655}$	$\frac{277}{1655}$	$\frac{547}{1655}$	$\frac{689}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^{2}$
122006	1656	2085	$\frac{1}{139}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{2085}\ \Phi_{417}^{2}$
122007	1656	275	$\frac{2}{275}$	$\frac{1}{5}$	$\frac{91}{275}$	$\frac{2}{5}$	$\Phi_{275}^{6}\ \Phi_{55}^{6}\ \Phi_{25}^{6}\ \Phi_{11}^{6}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
122008	1656	1860	$\frac{1}{93}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{372}^{2}\ \Phi_{310}\ \Phi_{186}^{2}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
122009	1656	275	$\frac{3}{275}$	$\frac{1}{5}$	$\frac{68}{275}$	$\frac{2}{5}$	$\Phi_{275}^{6}\ \Phi_{55}^{6}\ \Phi_{25}^{6}\ \Phi_{11}^{6}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
122010	1656	70	$\frac{1}{70}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{70}^{24}\ \Phi_{35}^{24}\ \Phi_{14}^{24}\ \Phi_{10}^{24}\ \Phi_{7}^{24}\ \Phi_{5}^{19}\ \Phi_{2}^{24}\ \Phi_{1}^{20}$
122011	1656	55	$\frac{1}{55}$	$\frac{9}{55}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{55}^{30}\ \Phi_{11}^{30}\ \Phi_{5}^{31}\ \Phi_{1}^{32}$
122012	1656	1645	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1645}\ \Phi_{329}^{2}$
122013	1656	425	$\frac{11}{425}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{425}^{4}\ \Phi_{85}^{4}\ \Phi_{25}^{2}\ \Phi_{17}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
122014	1656	190	$\frac{3}{95}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{190}^{10}\ \Phi_{95}^{8}\ \Phi_{38}^{10}\ \Phi_{19}^{8}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
122015	1656	715	$\frac{5}{143}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{715}^{2}\ \Phi_{143}^{4}\ \Phi_{65}^{2}\ \Phi_{55}\ \Phi_{13}^{4}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
122016	1656	25	$\frac{1}{25}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{25}^{66}\ \Phi_{5}^{67}\ \Phi_{1}^{68}$
122017	1656	1560	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}^{2}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}^{2}\ \Phi_{130}\ \Phi_{104}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{2}$
122018	1656	220	$\frac{3}{55}$	$\frac{13}{220}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{220}^{8}\ \Phi_{110}^{8}\ \Phi_{55}^{6}\ \Phi_{44}^{8}\ \Phi_{22}^{8}\ \Phi_{20}^{8}\ \Phi_{11}^{6}\ \Phi_{10}^{8}\ \Phi_{5}^{7}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
122019	1656	1655	$\frac{11}{1655}$	$\frac{369}{1655}$	$\frac{548}{1655}$	$\frac{643}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^{2}$
122020	1656	1655	$\frac{44}{1655}$	$\frac{179}{1655}$	$\frac{369}{1655}$	$\frac{643}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^{2}$
122021	1656	1807	$\frac{1}{139}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{1807}
122022	1656	2800	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{350}\ \Phi_{175}\ \Phi_{80}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{10}$
122023	1656	1752	$\frac{1}{24}$	$\frac{5}{73}$	$\frac{17}{73}$	$\frac{28}{73}$	$\Phi_{1752}\ \Phi_{876}\ \Phi_{584}\ \Phi_{438}\ \Phi_{292}\ \Phi_{219}\ \Phi_{146}$
122024	1656	1655	$\frac{67}{1655}$	$\frac{114}{1655}$	$\frac{397}{1655}$	$\frac{629}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^{2}$
122025	1656	370	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{9}{37}$	$\frac{14}{37}$	$\Phi_{370}^{5}\ \Phi_{185}^{5}\ \Phi_{74}^{5}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}$
122026	1656	1660	$\frac{1}{83}$	$\frac{1}{5}$	$\frac{41}{166}$	$\frac{125}{332}$	$\Phi_{1660}^{2}\ \Phi_{415}\ \Phi_{20}^{2}$
122027	1656	1655	$\frac{19}{1655}$	$\frac{344}{1655}$	$\frac{409}{1655}$	$\frac{623}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^{2}$
122028	1656	2212	$\frac{5}{553}$	$\frac{137}{553}$	$\frac{1}{4}$	$\frac{208}{553}$	$\Phi_{2212}\ \Phi_{1106}\ \Phi_{316}\ \Phi_{158}\ \Phi_{28}\ \Phi_{14}$
122029	1656	331	$\frac{3}{331}$	$\frac{82}{331}$	$\frac{83}{331}$	$\frac{124}{331}$	$\Phi_{331}^{5}\ \Phi_{1}^{6}$
122030	1656	1767	$\frac{1}{93}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1767}\ \Phi_{589}\ \Phi_{57}$
122031	1656	2628	$\frac{1}{73}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{2628}\ \Phi_{876}\ \Phi_{438}\ \Phi_{292}\ \Phi_{219}\ \Phi_{146}$
122032	1656	1655	$\frac{23}{1655}$	$\frac{272}{1655}$	$\frac{461}{1655}$	$\frac{597}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^{2}$
122033	1656	350	$\frac{1}{70}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{350}^{5}\ \Phi_{175}^{5}\ \Phi_{70}^{4}\ \Phi_{50}^{5}\ \Phi_{35}^{4}\ \Phi_{25}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
122034	1656	1739	$\frac{1}{47}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	Φ_{1739}
122035	1656	1655	$\frac{47}{1655}$	$\frac{134}{1655}$	$\frac{507}{1655}$	$\frac{574}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^{2}$
122036	1656	1752	$\frac{1}{24}$	$\frac{4}{73}$	$\frac{23}{73}$	$\frac{25}{73}$	$\Phi_{1752}\ \Phi_{876}\ \Phi_{584}\ \Phi_{438}\ \Phi_{292}\ \Phi_{219}\ \Phi_{146}$
122037	1656	1655	$\frac{68}{1655}$	$\frac{91}{1655}$	$\frac{529}{1655}$	$\frac{563}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^{2}$
122038	1656	1807	$\frac{4}{139}$	$\frac{1}{13}$	$\frac{45}{139}$	$\frac{47}{139}$	Φ_{1807}
122039	1656	1655	$\frac{32}{1655}$	$\frac{183}{1655}$	$\frac{541}{1655}$	$\frac{557}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
122040	1656	936	$\frac{1}{52}$	$\frac{1}{9}$	$\frac{17}{52}$	$\frac{35}{104}$	$\Phi_{936}^{3}\ \Phi_{468}\ \Phi_{312}^{3}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}^{3}\ \Phi_{39}\ \Phi_{36}\ \Phi_{24}^{3}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
122041	1656	1939	$\frac{4}{277}$	$\frac{1}{7}$	$\frac{91}{277}$	$\frac{93}{277}$	Φ_{1939}
122042	1656	331	$\frac{4}{331}$	$\frac{55}{331}$	$\frac{109}{331}$	$\frac{111}{331}$	$\Phi_{331}^{5}\ \Phi_{1}^{6}$
122043	1656	415	$\frac{4}{415}$	$\frac{1}{5}$	$\frac{137}{415}$	$\frac{139}{415}$	$\Phi_{415}^{4}\ \Phi_{83}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
122044	1656	1655	$\frac{14}{1655}$	$\frac{367}{1655}$	$\frac{547}{1655}$	$\frac{554}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^{2}$
122045	1656	2212	$\frac{4}{553}$	$\frac{1}{4}$	$\frac{183}{553}$	$\frac{185}{553}$	$\Phi_{2212}\ \Phi_{1106}\ \Phi_{316}\ \Phi_{158}\ \Phi_{28}\ \Phi_{14}$
122046	1656	1655	$\frac{8}{1655}$	$\frac{549}{1655}$	$\frac{551}{1655}$	$\frac{553}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^{2}$
122047	1656	2487	$\frac{4}{829}$	$\frac{275}{829}$	$\frac{1}{3}$	$\frac{277}{829}$	Φ_{2487}
122048	1656	624	$\frac{1}{208}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{624}^{3}\ \Phi_{312}^{3}\ \Phi_{208}^{2}\ \Phi_{156}^{3}\ \Phi_{104}^{2}\ \Phi_{78}^{3}\ \Phi_{52}^{2}\ \Phi_{48}^{3}\ \Phi_{39}^{3}\ \Phi_{26}^{2}\ \Phi_{24}^{3}\ \Phi_{16}^{2}\ \Phi_{13}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
122049	1656	1239	$\frac{2}{413}$	$\frac{137}{413}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1239}\ \Phi_{413}^{2}\ \Phi_{177}\ \Phi_{59}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
122050	1656	1668	$\frac{1}{139}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1668}\ \Phi_{834}\ \Phi_{556}^{2}\ \Phi_{278}^{2}$
122051	1656	1239	$\frac{5}{413}$	$\frac{68}{413}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1239}\ \Phi_{413}^{2}\ \Phi_{177}\ \Phi_{59}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
122052	1656	210	$\frac{1}{70}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^{6}\ \Phi_{105}^{6}\ \Phi_{70}^{12}\ \Phi_{42}^{6}\ \Phi_{35}^{12}\ \Phi_{30}^{6}\ \Phi_{21}^{5}\ \Phi_{15}^{6}\ \Phi_{14}^{12}\ \Phi_{10}^{12}\ \Phi_{7}^{10}\ \Phi_{6}^{6}\ \Phi_{5}^{12}\ \Phi_{3}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
122053	1656	708	$\frac{1}{59}$	$\frac{29}{236}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{708}^{2}\ \Phi_{354}^{2}\ \Phi_{236}^{4}\ \Phi_{177}\ \Phi_{118}^{4}\ \Phi_{59}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
122054	1656	1239	$\frac{8}{413}$	$\frac{45}{413}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1239}\ \Phi_{413}^{2}\ \Phi_{177}\ \Phi_{59}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
122055	1656	1410	$\frac{1}{47}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{470}^{2}\ \Phi_{282}\ \Phi_{235}^{2}\ \Phi_{94}^{2}$
122056	1656	1239	$\frac{17}{413}$	$\frac{22}{413}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1239}\ \Phi_{413}^{2}\ \Phi_{177}\ \Phi_{59}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
122057	1656	456	$\frac{1}{24}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{456}^{4}\ \Phi_{228}^{4}\ \Phi_{152}^{4}\ \Phi_{114}^{4}\ \Phi_{76}^{4}\ \Phi_{57}^{3}\ \Phi_{38}^{4}\ \Phi_{19}^{2}$
122058	1656	3300	$\frac{2}{275}$	$\frac{1}{4}$	$\frac{91}{275}$	$\frac{1}{3}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{660}\ \Phi_{330}\ \Phi_{300}\ \Phi_{150}\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
122059	1656	2487	$\frac{7}{829}$	$\frac{185}{829}$	$\frac{274}{829}$	$\frac{1}{3}$	Φ_{2487}
122060	1656	1545	$\frac{1}{103}$	$\frac{1}{5}$	$\frac{34}{103}$	$\frac{1}{3}$	$\Phi_{1545}^{2}\ \Phi_{15}^{3}$
122061	1656	2487	$\frac{10}{829}$	$\frac{139}{829}$	$\frac{273}{829}$	$\frac{1}{3}$	Φ_{2487}
122062	1656	2877	$\frac{2}{137}$	$\frac{1}{7}$	$\frac{45}{137}$	$\frac{1}{3}$	$\Phi_{2877}\ \Phi_{21}^{2}$
122063	1656	2487	$\frac{16}{829}$	$\frac{93}{829}$	$\frac{271}{829}$	$\frac{1}{3}$	Φ_{2487}
122064	1656	1326	$\frac{1}{34}$	$\frac{1}{13}$	$\frac{11}{34}$	$\frac{1}{3}$	$\Phi_{1326}^{2}\ \Phi_{663}^{2}\ \Phi_{78}^{2}\ \Phi_{39}^{3}$
122065	1656	2487	$\frac{34}{829}$	$\frac{47}{829}$	$\frac{265}{829}$	$\frac{1}{3}$	Φ_{2487}
122066	1656	2565	$\frac{2}{45}$	$\frac{1}{19}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{2565}\ \Phi_{513}\ \Phi_{57}$
122067	1656	840	$\frac{1}{24}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{140}^{2}\ \Phi_{120}^{2}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{4}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{12}^{4}\ \Phi_{10}^{2}\ \Phi_{8}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
122068	1656	2487	$\frac{25}{829}$	$\frac{67}{829}$	$\frac{254}{829}$	$\frac{1}{3}$	Φ_{2487}
122069	1656	1221	$\frac{1}{37}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{1221}\ \Phi_{407}^{2}\ \Phi_{111}^{2}\ \Phi_{37}^{2}$
122070	1656	2397	$\frac{1}{47}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{2397}\ \Phi_{141}^{2}$
122071	1656	2487	$\frac{13}{829}$	$\frac{136}{829}$	$\frac{231}{829}$	$\frac{1}{3}$	Φ_{2487}
122072	1656	2310	$\frac{1}{70}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}^{2}\ \Phi_{165}\ \Phi_{105}^{2}\ \Phi_{66}\ \Phi_{42}^{2}\ \Phi_{30}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}$
122073	1656	2487	$\frac{9}{829}$	$\frac{205}{829}$	$\frac{208}{829}$	$\frac{1}{3}$	Φ_{2487}
122074	1656	372	$\frac{1}{93}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{372}^{4}\ \Phi_{186}^{4}\ \Phi_{124}^{4}\ \Phi_{93}^{6}\ \Phi_{62}^{4}\ \Phi_{31}^{6}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
122075	1656	3300	$\frac{3}{275}$	$\frac{68}{275}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{660}\ \Phi_{330}\ \Phi_{300}\ \Phi_{150}\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_{6}^2$
122076	1656	420	$\frac{1}{70}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^8\ \Phi_{210}^4\ \Phi_{105}^4\ \Phi_{84}^8\ \Phi_{60}^7\ \Phi_{42}^4\ \Phi_{30}^3\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_{6}^4\ \Phi_{3}^4$
122077	1656	660	$\frac{1}{55}$	$\frac{9}{55}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^5\ \Phi_{330}^5\ \Phi_{132}^5\ \Phi_{66}^5\ \Phi_{60}^5\ \Phi_{30}^5\ \Phi_{12}^6\ \Phi_{6}^6$
122078	1656	3948	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3948}\ \Phi_{1974}$
122079	1656	1716	$\frac{5}{143}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1716}^2\ \Phi_{858}^2\ \Phi_{156}^2\ \Phi_{132}\ \Phi_{78}^2\ \Phi_{66}\ \Phi_{12}^2\ \Phi_{6}^2$
122080	1656	300	$\frac{1}{25}$	$\frac{2}{25}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^{11}\ \Phi_{150}^{11}\ \Phi_{60}^{11}\ \Phi_{30}^{11}\ \Phi_{12}^{12}\ \Phi_{6}^{12}$
122081	1656	312	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{312}^6\ \Phi_{156}^5\ \Phi_{104}^6\ \Phi_{78}^5\ \Phi_{52}^6\ \Phi_{39}^6\ \Phi_{26}^6\ \Phi_{13}^6$
122082	1656	2730	$\frac{3}{91}$	$\frac{1}{10}$	$\frac{22}{91}$	$\frac{1}{3}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{210}\ \Phi_{195}\ \Phi_{105}\ \Phi_{78}\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
122083	1656	2487	$\frac{33}{829}$	$\frac{70}{829}$	$\frac{199}{829}$	$\frac{1}{3}$	Φ_{2487}
122084	1656	570	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{570}^4\ \Phi_{285}^2\ \Phi_{190}^4\ \Phi_{114}^4\ \Phi_{95}^2\ \Phi_{57}^3\ \Phi_{38}^4\ \Phi_{19}^2$
122085	1656	840	$\frac{1}{24}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_{8}^4\ \Phi_{7}^2\ \Phi_{6}^4\ \Phi_{5}^2\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
122086	1656	2487	$\frac{28}{829}$	$\frac{89}{829}$	$\frac{185}{829}$	$\frac{1}{3}$	Φ_{2487}
122087	1656	1881	$\frac{1}{19}$	$\frac{7}{99}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{209}\ \Phi_{57}$
122088	1656	1545	$\frac{4}{103}$	$\frac{11}{103}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1545}^2\ \Phi_{15}^3$
122089	1656	120	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{120}^{14}\ \Phi_{60}^{14}\ \Phi_{40}^{14}\ \Phi_{30}^{10}\ \Phi_{24}^{16}\ \Phi_{20}^{14}\ \Phi_{15}^{11}\ \Phi_{12}^{16}\ \Phi_{10}^{14}\ \Phi_{8}^{16}\ \Phi_{6}^{12}\ \Phi_{5}^{14}\ \Phi_{4}^{16}\ \Phi_{3}^{12}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
122090	1656	1425	$\frac{1}{19}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1425}^2\ \Phi_{285}\ \Phi_{57}^2$
122091	1656	3315	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{16}{85}$	$\frac{1}{3}$	$\Phi_{3315}\ \Phi_{195}\ \Phi_{39}$
122092	1656	2877	$\frac{5}{137}$	$\frac{1}{7}$	$\frac{22}{137}$	$\frac{1}{3}$	$\Phi_{2877}\ \Phi_{21}^2$
122093	1656	2487	$\frac{31}{829}$	$\frac{116}{829}$	$\frac{133}{829}$	$\frac{1}{3}$	Φ_{2487}
122094	1656	513	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{513}^4\ \Phi_{171}^2\ \Phi_{57}^3\ \Phi_{19}^2$
122095	1656	168	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{168}^{10}\ \Phi_{84}^{10}\ \Phi_{56}^{10}\ \Phi_{42}^{10}\ \Phi_{28}^{10}\ \Phi_{24}^{12}\ \Phi_{21}^{5}\ \Phi_{14}^{10}\ \Phi_{12}^{12}\ \Phi_{8}^{12}\ \Phi_{7}^{10}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
122096	1656	1470	$\frac{3}{49}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1470}^2\ \Phi_{735}^2\ \Phi_{294}^2\ \Phi_{210}\ \Phi_{105}\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
122097	1656	1995	$\frac{1}{19}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{133}\ \Phi_{57}$
122098	1656	390	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{3}{26}$	$\frac{1}{3}$	$\Phi_{390}^7\ \Phi_{195}^7\ \Phi_{78}^3\ \Phi_{39}^4\ \Phi_{30}^8\ \Phi_{15}^8\ \Phi_{6}^4\ \Phi_{3}^4$
122099	1656	948	$\frac{1}{79}$	$\frac{53}{237}$	$\frac{1}{4}$	$\frac{26}{79}$	$\Phi_{948}^3\ \Phi_{474}^3\ \Phi_{316}\ \Phi_{158}\ \Phi_{12}^3\ \Phi_{6}^3$
122100	1656	1507	$\frac{2}{137}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{45}{137}$	$\Phi_{1507}\ \Phi_{137}^2\ \Phi_{11}^2\ \Phi_{1}^4$
122101	1656	2740	$\frac{2}{137}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{45}{137}$	$\Phi_{2740}\ \Phi_{1370}\ \Phi_{20}^2\ \Phi_{10}^2$
122102	1656	1655	$\frac{26}{1655}$	$\frac{278}{1655}$	$\frac{459}{1655}$	$\frac{543}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^2$
122103	1656	415	$\frac{7}{415}$	$\frac{1}{5}$	$\frac{93}{415}$	$\frac{136}{415}$	$\Phi_{415}^4\ \Phi_{83}^4\ \Phi_{5}^3\ \Phi_{1}^4$
122104	1656	1655	$\frac{29}{1655}$	$\frac{321}{1655}$	$\frac{371}{1655}$	$\frac{542}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^2$
122105	1656	2212	$\frac{10}{553}$	$\frac{93}{553}$	$\frac{1}{4}$	$\frac{181}{553}$	$\Phi_{2212}\ \Phi_{1106}\ \Phi_{316}\ \Phi_{158}\ \Phi_{28}\ \Phi_{14}$
122106	1656	205	$\frac{4}{205}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{67}{205}$	$\Phi_{205}^8\ \Phi_{41}^8\ \Phi_{5}^{11}\ \Phi_{1}^{12}$
122107	1656	1092	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{89}{273}$	$\Phi_{1092}^3\ \Phi_{546}^3\ \Phi_{156}^3\ \Phi_{84}^3\ \Phi_{78}^3\ \Phi_{42}^3\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}^3\ \Phi_{6}^3$
122108	1656	2343	$\frac{2}{71}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{71}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{71}\ \Phi_{33}^2\ \Phi_{3}^2\ \Phi_{1}^2$
122109	1656	782	$\frac{1}{34}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{11}{34}$	$\Phi_{782}^2\ \Phi_{391}^2\ \Phi_{46}^2\ \Phi_{34}^4\ \Phi_{23}^3\ \Phi_{17}^4\ \Phi_{2}^4\ \Phi_{1}^6$
122110	1656	612	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{11}{34}$	$\Phi_{612}^4\ \Phi_{306}^2\ \Phi_{204}^4\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{36}^5\ \Phi_{18}^3\ \Phi_{12}^5\ \Phi_{9}^2\ \Phi_{6}^3\ \Phi_{3}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
122111	1656	782	$\frac{1}{34}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{11}{34}$	$\Phi_{782}^2\ \Phi_{391}^2\ \Phi_{46}^2\ \Phi_{34}^4\ \Phi_{23}^3\ \Phi_{17}^4\ \Phi_{2}^4\ \Phi_{1}^6$
122112	1656	1190	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{11}{34}$	$\Phi_{1190}^2\ \Phi_{595}^2\ \Phi_{70}^2\ \Phi_{35}^3$
122113	1656	331	$\frac{10}{331}$	$\frac{28}{331}$	$\frac{101}{331}$	$\frac{107}{331}$	$\Phi_{331}^5\ \Phi_{1}^6$
122114	1656	1872	$\frac{7}{208}$	$\frac{1}{9}$	$\frac{47}{208}$	$\frac{67}{208}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
122115	1656	1655	$\frac{56}{1655}$	$\frac{187}{1655}$	$\frac{367}{1655}$	$\frac{533}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^2$
122116	1656	1939	$\frac{10}{277}$	$\frac{1}{7}$	$\frac{47}{277}$	$\frac{89}{277}$	Φ_{1939}
122117	1656	1655	$\frac{62}{1655}$	$\frac{229}{1655}$	$\frac{281}{1655}$	$\frac{531}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^2$
122118	1656	415	$\frac{16}{415}$	$\frac{47}{415}$	$\frac{1}{5}$	$\frac{133}{415}$	$\Phi_{415}^4\ \Phi_{83}^4\ \Phi_{5}^3\ \Phi_{1}^4$
122119	1656	331	$\frac{13}{331}$	$\frac{32}{331}$	$\frac{75}{331}$	$\frac{106}{331}$	$\Phi_{331}^5\ \Phi_{1}^6$
122120	1656	2212	$\frac{22}{553}$	$\frac{47}{553}$	$\frac{1}{4}$	$\frac{177}{553}$	$\Phi_{2212}\ \Phi_{1106}\ \Phi_{316}\ \Phi_{158}\ \Phi_{28}\ \Phi_{14}$
122121	1656	270	$\frac{2}{45}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{43}{135}$	$\Phi_{270}^{10}\ \Phi_{135}^8\ \Phi_{54}^{10}\ \Phi_{27}^8\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
122122	1656	210	$\frac{2}{35}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{11}{35}$	$\Phi_{210}^{10}\ \Phi_{105}^5\ \Phi_{70}^{10}\ \Phi_{42}^{10}\ \Phi_{35}^6\ \Phi_{30}^{12}\ \Phi_{21}^5\ \Phi_{15}^6\ \Phi_{14}^{10}\ \Phi_{10}^{12}\ \Phi_{7}^6\ \Phi_{6}^{12}\ \Phi_{5}^7\ \Phi_{3}^6\ \Phi_{2}^{12}\ \Phi_{1}^8$
122123	1656	175	$\frac{2}{35}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{11}{35}$	$\Phi_{175}^{10}\ \Phi_{35}^6\ \Phi_{25}^{12}\ \Phi_{7}^6\ \Phi_{5}^7\ \Phi_{1}^8$
122124	1656	945	$\frac{2}{35}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{11}{35}$	$\Phi_{945}^2\ \Phi_{315}\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{27}^4\ \Phi_{21}\ \Phi_{15}\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
122125	1656	720	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{11}{80}$	$\frac{5}{16}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{144}\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}\ \Phi_{60}^3\ \Phi_{48}\ \Phi_{45}^3\ \Phi_{36}\ \Phi_{30}^3\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}^3\ \Phi_{12}\ \Phi_{6}$
122126	1656	234	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{3}{26}$	$\frac{4}{13}$	$\Phi_{234}^9\ \Phi_{117}^7\ \Phi_{78}^9\ \Phi_{39}^7\ \Phi_{18}^9\ \Phi_{9}^6\ \Phi_{6}^9\ \Phi_{3}^6$
122127	1656	552	$\frac{1}{24}$	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{552}^3\ \Phi_{276}^3\ \Phi_{184}^3\ \Phi_{138}^3\ \Phi_{92}^2\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{24}^6\ \Phi_{23}^3\ \Phi_{12}^6\ \Phi_{8}^6\ \Phi_{6}^6\ \Phi_{4}^4\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
122128	1656	1955	$\frac{1}{17}$	$\frac{2}{23}$	$\frac{16}{85}$	$\frac{7}{23}$	$\Phi_{1955}\ \Phi_{115}\ \Phi_{85}^2\ \Phi_{23}\ \Phi_{5}^2\ \Phi_{1}^2$
122129	1656	3300	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{660}\ \Phi_{330}\ \Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
122130	1656	2343	$\frac{3}{71}$	$\frac{1}{11}$	$\frac{17}{71}$	$\frac{10}{33}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{71}\ \Phi_{33}^2\ \Phi_{3}^2\ \Phi_{1}^2$
122131	1656	3135	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{3135}\ \Phi_{285}\ \Phi_{95}$
122132	1656	2343	$\frac{5}{71}$	$\frac{1}{11}$	$\frac{11}{71}$	$\frac{10}{33}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{71}\ \Phi_{33}^2\ \Phi_{3}^2\ \Phi_{1}^2$
122133	1656	3003	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{10}{33}$	$\Phi_{3003}\ \Phi_{273}\ \Phi_{91}$
122134	1656	2343	$\frac{1}{11}$	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{10}{33}$	$\Phi_{2343}\ \Phi_{213}\ \Phi_{71}\ \Phi_{33}^2\ \Phi_{3}^2\ \Phi_{1}^2$
122135	1656	990	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{10}{33}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{90}^3\ \Phi_{66}\ \Phi_{55}^2\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{2}^2$
122136	1656	1752	$\frac{1}{24}$	$\frac{7}{73}$	$\frac{17}{73}$	$\frac{22}{73}$	$\Phi_{1752}\ \Phi_{876}\ \Phi_{584}\ \Phi_{438}\ \Phi_{292}\ \Phi_{219}\ \Phi_{146}$
122137	1656	150	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{150}^{15}\ \Phi_{75}^{15}\ \Phi_{50}^5\ \Phi_{30}^{12}\ \Phi_{25}^4\ \Phi_{15}^{12}\ \Phi_{10}^4\ \Phi_{6}^{12}\ \Phi_{5}^3\ \Phi_{3}^{12}\ \Phi_{2}^4\ \Phi_{1}^4$
122138	1656	1547	$\frac{3}{91}$	$\frac{2}{17}$	$\frac{22}{91}$	$\frac{5}{17}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}\ \Phi_{91}^2\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_{7}^2\ \Phi_{1}^4$
122139	1656	2040	$\frac{1}{24}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2$
122140	1656	833	$\frac{3}{49}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{5}{17}$	$\Phi_{833}^2\ \Phi_{119}\ \Phi_{49}^4\ \Phi_{17}^2\ \Phi_{7}^2\ \Phi_{1}^4$
122141	1656	442	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{442}^4\ \Phi_{221}^3\ \Phi_{34}^4\ \Phi_{26}^8\ \Phi_{17}^4\ \Phi_{13}^6\ \Phi_{2}^8\ \Phi_{1}^8$
122142	1656	331	$\frac{11}{331}$	$\frac{40}{331}$	$\frac{78}{331}$	$\frac{97}{331}$	$\Phi_{331}^5\ \Phi_{1}^6$
122143	1656	2212	$\frac{17}{553}$	$\frac{67}{553}$	$\frac{1}{4}$	$\frac{162}{553}$	$\Phi_{2212}\ \Phi_{1106}\ \Phi_{316}\ \Phi_{158}\ \Phi_{28}\ \Phi_{14}$
122144	1656	1655	$\frac{51}{1655}$	$\frac{209}{1655}$	$\frac{401}{1655}$	$\frac{482}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_{5}\ \Phi_{1}^2$
122145	1656	1752	$\frac{1}{24}$	$\frac{10}{73}$	$\frac{13}{73}$	$\frac{21}{73}$	$\Phi_{1752}\ \Phi_{876}\ \Phi_{584}\ \Phi_{438}\ \Phi_{292}\ \Phi_{219}\ \Phi_{146}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
122146	1656	756	$\frac{5}{189}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{252}^3\ \Phi_{126}^3\ \Phi_{108}^3\ \Phi_{84}^3\ \Phi_{54}^3\ \Phi_{42}^3\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{18}^3\ \Phi_{14}\ \Phi_{12}^3\ \Phi_6^3$
122147	1656	700	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{700}^3\ \Phi_{350}^3\ \Phi_{175}\ \Phi_{140}^3\ \Phi_{100}^3\ \Phi_{70}^3\ \Phi_{50}^3\ \Phi_{35}\ \Phi_{20}^3\ \Phi_{10}^3$
122148	1656	288	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{5}{32}$	$\frac{9}{32}$	$\Phi_{288}^6\ \Phi_{144}^7\ \Phi_{96}^6\ \Phi_{72}^7\ \Phi_{48}^7\ \Phi_{36}^7\ \Phi_{24}^7\ \Phi_{18}^7\ \Phi_{12}^7\ \Phi_9^6\ \Phi_6^7\ \Phi_3^6$
122149	1656	1655	$\frac{59}{1655}$	$\frac{266}{1655}$	$\frac{298}{1655}$	$\frac{463}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_5\ \Phi_1^2$
122150	1656	415	$\frac{13}{415}$	$\frac{67}{415}$	$\frac{1}{5}$	$\frac{116}{415}$	$\Phi_{415}^4\ \Phi_{83}^4\ \Phi_5^3\ \Phi_1^4$
122151	1656	2068	$\frac{1}{47}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{2068}\ \Phi_{1034}\ \Phi_{188}^2\ \Phi_{94}^2$
122152	1656	1507	$\frac{5}{137}$	$\frac{22}{137}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1507}\ \Phi_{137}^2\ \Phi_{11}^2\ \Phi_1^4$
122153	1656	1848	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{168}^2\ \Phi_{154}\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2$
122154	1656	1739	$\frac{1}{47}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	Φ_{1739}
122155	1656	390	$\frac{11}{195}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{390}^5\ \Phi_{195}^4\ \Phi_{130}^5\ \Phi_{78}^5\ \Phi_{65}^4\ \Phi_{39}^4\ \Phi_{26}^5\ \Phi_{13}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
122156	1656	1655	$\frac{53}{1655}$	$\frac{267}{1655}$	$\frac{347}{1655}$	$\frac{436}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_5\ \Phi_1^2$
122157	1656	1752	$\frac{1}{24}$	$\frac{9}{73}$	$\frac{16}{73}$	$\frac{19}{73}$	$\Phi_{1752}\ \Phi_{876}\ \Phi_{584}\ \Phi_{438}\ \Phi_{292}\ \Phi_{219}\ \Phi_{146}$
122158	1656	589	$\frac{1}{19}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{589}^3\ \Phi_{19}^2$
122159	1656	1655	$\frac{63}{1655}$	$\frac{206}{1655}$	$\frac{398}{1655}$	$\frac{419}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_5\ \Phi_1^2$
122160	1656	1939	$\frac{9}{277}$	$\frac{1}{7}$	$\frac{67}{277}$	$\frac{70}{277}$	Φ_{1939}
122161	1656	1655	$\frac{27}{1655}$	$\frac{407}{1655}$	$\frac{413}{1655}$	$\frac{416}{1655}$	$\Phi_{1655}\ \Phi_{331}\ \Phi_5\ \Phi_1^2$
122162	1656	2212	$\frac{9}{553}$	$\frac{136}{553}$	$\frac{1}{4}$	$\frac{139}{553}$	$\Phi_{2212}\ \Phi_{1106}\ \Phi_{316}\ \Phi_{158}\ \Phi_{28}\ \Phi_{14}$
122163	1656	244	$\frac{1}{61}$	$\frac{15}{61}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{244}^6\ \Phi_{122}^6\ \Phi_{61}^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{12}$
122164	1656	940	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{940}^2\ \Phi_{470}^2\ \Phi_{235}^3$
122165	1656	732	$\frac{7}{183}$	$\frac{22}{183}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{732}^2\ \Phi_{366}^2\ \Phi_{244}^2\ \Phi_{183}^3\ \Phi_{122}^2\ \Phi_{61}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
122166	1656	72	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{72}^{27}\ \Phi_{36}^{25}\ \Phi_{24}^{18}\ \Phi_{18}^{25}\ \Phi_{12}^{16}\ \Phi_9^{24}\ \Phi_8^{18}\ \Phi_6^{16}\ \Phi_4^{18}\ \Phi_3^{15}\ \Phi_2^{18}\ \Phi_1^{18}$
122167	1656	364	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{22}{91}$	$\frac{1}{4}$	$\Phi_{364}^6\ \Phi_{182}^6\ \Phi_{52}^6\ \Phi_{28}^7\ \Phi_{26}^6\ \Phi_{14}^7\ \Phi_4^6\ \Phi_2^6$
122168	1656	316	$\frac{3}{79}$	$\frac{10}{79}$	$\frac{19}{79}$	$\frac{1}{4}$	$\Phi_{316}^7\ \Phi_{158}^7\ \Phi_4^6\ \Phi_2^6$
122169	1656	2448	$\frac{3}{68}$	$\frac{1}{9}$	$\frac{65}{272}$	$\frac{1}{4}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{816}\ \Phi_{408}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
122170	1656	780	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{7}{30}$	$\frac{1}{4}$	$\Phi_{780}^3\ \Phi_{390}\ \Phi_{260}^3\ \Phi_{195}^2\ \Phi_{156}^3\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{52}^4\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2$
122171	1656	552	$\frac{1}{24}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{552}^3\ \Phi_{276}^3\ \Phi_{184}^3\ \Phi_{138}^3\ \Phi_{92}^2\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{24}^6\ \Phi_{23}^3\ \Phi_{12}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
122172	1656	2212	$\frac{19}{553}$	$\frac{89}{553}$	$\frac{116}{553}$	$\frac{1}{4}$	$\Phi_{2212}\ \Phi_{1106}\ \Phi_{316}\ \Phi_{158}\ \Phi_{28}\ \Phi_{14}$
122173	1656	2740	$\frac{5}{137}$	$\frac{22}{137}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2740}\ \Phi_{1370}\ \Phi_{20}^2\ \Phi_{10}^2$
122174	1656	840	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{280}^3\ \Phi_{210}^3\ \Phi_{140}^2\ \Phi_{105}^3\ \Phi_{70}^2\ \Phi_{35}^3$
122175	1656	1300	$\frac{1}{13}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1300}^2\ \Phi_{650}^2\ \Phi_{260}\ \Phi_{130}\ \Phi_{52}^2\ \Phi_{26}^2$
122176	1656	3060	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{16}{85}$	$\frac{1}{4}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
122177	1656	1404	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{4}$	$\Phi_{1404}^2\ \Phi_{702}^2\ \Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{26}^2$
122178	1656	196	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{196}^{12}\ \Phi_{98}^{12}\ \Phi_{28}^7\ \Phi_{14}^7\ \Phi_4^6\ \Phi_2^6$
122179	1656	2548	$\frac{6}{91}$	$\frac{85}{637}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2548}\ \Phi_{1274}\ \Phi_{196}\ \Phi_{98}\ \Phi_{28}\ \Phi_{14}$
122180	1656	364	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{364}^7\ \Phi_{182}^3\ \Phi_{91}^4\ \Phi_{28}^8\ \Phi_{14}^4\ \Phi_7^4$
122181	1656	316	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{10}{79}$	$\frac{1}{4}$	$\Phi_{316}^7\ \Phi_{158}^7\ \Phi_4^6\ \Phi_2^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
122182	1656	2304	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{49}{256}$	$\frac{15}{64}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
122183	1656	210	$\frac{1}{15}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{7}{30}$	$\Phi_{210}^{10}\ \Phi_{105}^{5}\ \Phi_{70}^{10}\ \Phi_{42}^{10}\ \Phi_{35}^{6}\ \Phi_{30}^{12}\ \Phi_{21}^{5}\ \Phi_{15}^{6}\ \Phi_{14}^{10}\ \Phi_{10}^{12}\ \Phi_7^6\ \Phi_6^{12}\ \Phi_5^7\ \Phi_3^6\ \Phi_2^{12}\ \Phi_1^8$
122184	1656	30	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{7}{30}$	$\Phi_{30}^{52}\ \Phi_{15}^{56}\ \Phi_{10}^{56}\ \Phi_6^{52}\ \Phi_5^{59}\ \Phi_3^{56}\ \Phi_2^{56}\ \Phi_1^{60}$
122185	1656	210	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{7}{30}$	$\Phi_{210}^{10}\ \Phi_{105}^{5}\ \Phi_{70}^{10}\ \Phi_{42}^{10}\ \Phi_{35}^{5}\ \Phi_{30}^{12}\ \Phi_{21}^{5}\ \Phi_{15}^{6}\ \Phi_{14}^{10}\ \Phi_{10}^{12}\ \Phi_7^{10}\ \Phi_6^{12}\ \Phi_5^6\ \Phi_3^6\ \Phi_2^{12}\ \Phi_1^{12}$
122186	1656	175	$\frac{2}{25}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{8}{35}$	$\Phi_{175}^{10}\ \Phi_{35}^{6}\ \Phi_{25}^{12}\ \Phi_7^6\ \Phi_5^7\ \Phi_1^8$
122187	1656	945	$\frac{3}{35}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{8}{35}$	$\Phi_{945}^{2}\ \Phi_{315}\ \Phi_{189}^{2}\ \Phi_{135}^{2}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}^{2}\ \Phi_{27}^{4}\ \Phi_{21}\ \Phi_{15}\ \Phi_9^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
122188	1656	1955	$\frac{1}{17}$	$\frac{3}{23}$	$\frac{16}{85}$	$\frac{5}{23}$	$\Phi_{1955}\ \Phi_{115}\ \Phi_{85}^{2}\ \Phi_{23}\ \Phi_5^2\ \Phi_1^2$
122189	1656	2340	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{12}{65}$	$\frac{53}{260}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{468}\ \Phi_{390}\ \Phi_{234}\ \Phi_{180}\ \Phi_{156}\ \Phi_{117}\ \Phi_{90}\ \Phi_{78}\ \Phi_{60}\ \Phi_{39}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
122190	1656	50	$\frac{2}{25}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{50}^{40}\ \Phi_{25}^{32}\ \Phi_{10}^{24}\ \Phi_5^{19}\ \Phi_2^{24}\ \Phi_1^{20}$
122191	1656	595	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{16}{85}$	$\frac{1}{5}$	$\Phi_{595}^{3}\ \Phi_{119}^{4}\ \Phi_{35}^{4}\ \Phi_7^4$
122192	1656	450	$\frac{4}{45}$	$\frac{1}{10}$	$\frac{41}{225}$	$\frac{1}{5}$	$\Phi_{450}^{5}\ \Phi_{225}^{4}\ \Phi_{150}^{5}\ \Phi_{75}^{4}\ \Phi_{50}^{5}\ \Phi_{25}^{4}\ \Phi_{10}^{4}\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
122193	1656	175	$\frac{2}{25}$	$\frac{4}{35}$	$\frac{31}{175}$	$\frac{1}{5}$	$\Phi_{175}^{9}\ \Phi_{35}^{10}\ \Phi_{25}^{11}\ \Phi_7^{10}\ \Phi_5^{11}\ \Phi_1^{12}$
122194	1656	415	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{14}{83}$	$\frac{1}{5}$	$\Phi_{415}^{5}\ \Phi_5^4$
122195	1656	270	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{5}$	$\Phi_{270}^{8}\ \Phi_{135}^{6}\ \Phi_{90}^{4}\ \Phi_{54}^{8}\ \Phi_{45}^{3}\ \Phi_{30}^{4}\ \Phi_{27}^{8}\ \Phi_{18}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{8}\ \Phi_9^4\ \Phi_6^4\ \Phi_5^6\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
122196	1656	175	$\frac{2}{25}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{175}^{10}\ \Phi_{35}^{5}\ \Phi_{25}^{12}\ \Phi_7^{10}\ \Phi_5^6\ \Phi_1^{12}$
122197	1656	210	$\frac{1}{10}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{210}^{10}\ \Phi_{105}^{8}\ \Phi_{70}^{10}\ \Phi_{42}^{10}\ \Phi_{35}^{8}\ \Phi_{21}^{8}\ \Phi_{14}^{10}\ \Phi_{10}^{4}\ \Phi_7^8\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
122198	1656	720	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{11}{80}$	$\frac{7}{40}$	$\Phi_{720}^{3}\ \Phi_{360}^{2}\ \Phi_{240}^{3}\ \Phi_{180}^{2}\ \Phi_{144}^{3}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{72}^{3}\ \Phi_{60}^{2}\ \Phi_{48}^{3}\ \Phi_{45}^{2}\ \Phi_{36}^{3}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{3}\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
122199	1656	331	$\frac{25}{331}$	$\frac{51}{331}$	$\frac{55}{331}$	$\frac{56}{331}$	$\Phi_{331}^{5}\ \Phi_1^6$
122200	1656	189	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{4}{27}$	$\Phi_{189}^{10}\ \Phi_{63}^{5}\ \Phi_{27}^{12}\ \Phi_{21}^{5}\ \Phi_9^6\ \Phi_7^{10}\ \Phi_3^6\ \Phi_1^{12}$
122201	1657	2944	$\frac{1}{184}$	$\frac{185}{1472}$	$\frac{1287}{2944}$	$\frac{183}{368}$	$\Phi_{2944}\ \Phi_{368}\ \Phi_{128}\ \Phi_{16}\ \Phi_1$
122202	1657	2208	$\frac{1}{184}$	$\frac{551}{2208}$	$\frac{185}{736}$	$\frac{183}{368}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}\ \Phi_{69}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
122203	1657	3296	$\frac{9}{1648}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1639}{3296}$	$\Phi_{3296}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
122204	1657	1896	$\frac{2}{237}$	$\frac{239}{1896}$	$\frac{1}{3}$	$\frac{235}{474}$	$\Phi_{1896}\ \Phi_{948}\ \Phi_{632}\ \Phi_{316}\ \Phi_{237}\ \Phi_{79}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
122205	1657	1992	$\frac{3}{332}$	$\frac{335}{1992}$	$\frac{1}{4}$	$\frac{329}{664}$	$\Phi_{1992}\ \Phi_{996}\ \Phi_{498}\ \Phi_{332}\ \Phi_{249}\ \Phi_{166}\ \Phi_{83}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
122206	1657	3280	$\frac{17}{1640}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1623}{3280}$	$\Phi_{3280}\ \Phi_{656}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
122207	1657	3276	$\frac{19}{1638}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1619}{3276}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}\ \Phi_{156}\ \Phi_{84}\ \Phi_{52}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
122208	1657	3168	$\frac{1}{72}$	$\frac{73}{1584}$	$\frac{1511}{3168}$	$\frac{71}{144}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
122209	1657	3264	$\frac{25}{1632}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{1607}{3264}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
122210	1657	3264	$\frac{25}{1632}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1607}{3264}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{192}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
122211	1657	3240	$\frac{37}{1620}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1583}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
122212	1657	3240	$\frac{37}{1620}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1583}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
122213	1657	1998	$\frac{8}{333}$	$\frac{1}{9}$	$\frac{341}{1998}$	$\frac{325}{666}$	$\Phi_{1998}\ \Phi_{999}\ \Phi_{333}\ \Phi_{111}\ \Phi_{54}\ \Phi_{37}\ \Phi_{27}\ \Phi_1$
122214	1657	2232	$\frac{17}{558}$	$\frac{1}{18}$	$\frac{575}{2232}$	$\frac{541}{1116}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{558}\ \Phi_{279}\ \Phi_{248}\ \Phi_{186}\ \Phi_{93}\ \Phi_{72}\ \Phi_{62}\ \Phi_{31}\ \Phi_{24}\ \Phi_8\ \Phi_1$
122215	1657	3200	$\frac{57}{1600}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1543}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
122216	1657	2448	$\frac{25}{816}$	$\frac{1}{24}$	$\frac{791}{2448}$	$\frac{23}{48}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
122217	1657	1728	$\frac{71}{1728}$	$\frac{1}{24}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
122218	1657	1792	$\frac{7}{128}$	$\frac{135}{1792}$	$\frac{1}{8}$	$\frac{121}{256}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
122219	1657	3120	$\frac{1}{24}$	$\frac{97}{1560}$	$\frac{23}{120}$	$\frac{1463}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
122220	1657	3120	$\frac{97}{1560}$	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1463}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{104}\ \Phi_{80}\ \Phi_{52}\ \Phi_{48}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
122221	1657	2016	$\frac{1}{24}$	$\frac{23}{336}$	$\frac{359}{2016}$	$\frac{313}{672}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
122222	1657	3072	$\frac{7}{128}$	$\frac{121}{1536}$	$\frac{1}{8}$	$\frac{1415}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
122223	1657	1680	$\frac{23}{1680}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
122224	1657	1920	$\frac{1}{24}$	$\frac{23}{240}$	$\frac{263}{1920}$	$\frac{217}{480}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
122225	1657	3024	$\frac{1}{72}$	$\frac{145}{1512}$	$\frac{71}{216}$	$\frac{1367}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{216}\ \Phi_{144}\ \Phi_{112}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
122226	1657	3024	$\frac{1}{24}$	$\frac{145}{1512}$	$\frac{23}{168}$	$\frac{1367}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
122227	1657	2304	$\frac{1}{72}$	$\frac{71}{576}$	$\frac{647}{2304}$	$\frac{505}{1152}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
122228	1657	2912	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{201}{1456}$	$\frac{1255}{2912}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{224}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
122229	1657	1680	$\frac{23}{1680}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
122230	1657	2880	$\frac{1}{72}$	$\frac{217}{1440}$	$\frac{71}{288}$	$\frac{1223}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
122231	1657	2880	$\frac{1}{24}$	$\frac{23}{240}$	$\frac{217}{1440}$	$\frac{1223}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
122232	1657	2844	$\frac{2}{237}$	$\frac{235}{1422}$	$\frac{1}{3}$	$\frac{1187}{2844}$	$\Phi_{2844}\ \Phi_{948}\ \Phi_{316}\ \Phi_{237}\ \Phi_{79}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
122233	1657	1710	$\frac{53}{1710}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{342}\ \Phi_{285}\ \Phi_{190}\ \Phi_{171}\ \Phi_{114}\ \Phi_{95}\ \Phi_{57}\ \Phi_{45}\ \Phi_{38}\ \Phi_{19}\ \Phi_{15}\ \Phi_5\ \Phi_1$
122234	1657	2070	$\frac{1}{69}$	$\frac{68}{345}$	$\frac{413}{2070}$	$\frac{277}{690}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{414}\ \Phi_{345}\ \Phi_{207}\ \Phi_{115}\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
122235	1657	2760	$\frac{1}{69}$	$\frac{68}{345}$	$\frac{277}{1380}$	$\frac{1103}{2760}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{345}\ \Phi_{184}\ \Phi_{120}\ \Phi_{115}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
122236	1657	2688	$\frac{1}{24}$	$\frac{23}{336}$	$\frac{313}{1344}$	$\frac{1031}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{336}\ \Phi_{168}\ \Phi_{128}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
122237	1657	2664	$\frac{8}{333}$	$\frac{1}{9}$	$\frac{325}{1332}$	$\frac{1007}{2664}$	$\Phi_{2664}\ \Phi_{888}\ \Phi_{333}\ \Phi_{296}\ \Phi_{111}\ \Phi_{72}\ \Phi_{37}\ \Phi_{24}\ \Phi_8\ \Phi_1$
122238	1657	2656	$\frac{3}{332}$	$\frac{329}{1328}$	$\frac{1}{4}$	$\frac{999}{2656}$	$\Phi_{2656}\ \Phi_{332}\ \Phi_{166}\ \Phi_{83}\ \Phi_{32}\ \Phi_1$
122239	1657	2592	$\frac{1}{72}$	$\frac{71}{432}$	$\frac{361}{1296}$	$\frac{935}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
122240	1657	1728	$\frac{71}{1728}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
122241	1657	2496	$\frac{7}{416}$	$\frac{1}{8}$	$\frac{409}{1248}$	$\frac{839}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{192}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
122242	1657	2484	$\frac{1}{207}$	$\frac{206}{621}$	$\frac{827}{2484}$	$\frac{415}{1242}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{621}\ \Phi_{276}\ \Phi_{108}\ \Phi_{92}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
122243	1657	2133	$\frac{2}{237}$	$\frac{476}{2133}$	$\frac{235}{711}$	$\frac{1}{3}$	$\Phi_{2133}\ \Phi_{237}\ \Phi_{79}\ \Phi_{27}\ \Phi_1$
122244	1657	2457	$\frac{19}{819}$	$\frac{2}{21}$	$\frac{800}{2457}$	$\frac{1}{3}$	$\Phi_{2457}\ \Phi_{351}\ \Phi_{189}\ \Phi_{27}\ \Phi_{21}\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
122245	1657	1701	$\frac{44}{1701}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{243}\ \Phi_{189}\ \Phi_{81}\ \Phi_{27}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
122246	1657	2184	$\frac{19}{546}$	$\frac{2}{21}$	$\frac{527}{2184}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{364}\ \Phi_{312}\ \Phi_{168}\ \Phi_{156}\ \Phi_{104}\ \Phi_{84}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
122247	1657	1764	$\frac{107}{1764}$	$\frac{2}{21}$	$\frac{19}{126}$	$\frac{1}{3}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{49}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
122248	1657	1911	$\frac{19}{273}$	$\frac{2}{21}$	$\frac{254}{1911}$	$\frac{1}{3}$	$\Phi_{1911}\ \Phi_{637}\ \Phi_{147}\ \Phi_{49}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
122249	1657	2460	$\frac{17}{820}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{803}{2460}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{615}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
122250	1657	2430	$\frac{37}{810}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{773}{2430}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{486}\ \Phi_{243}\ \Phi_{54}\ \Phi_{27}\ \Phi_{1}$
122251	1657	2430	$\frac{37}{810}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{773}{2430}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{486}\ \Phi_{243}\ \Phi_{45}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
122252	1657	1920	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{263}{1920}$	$\frac{121}{384}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
122253	1657	2160	$\frac{1}{18}$	$\frac{37}{540}$	$\frac{503}{2160}$	$\frac{17}{54}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
122254	1657	1782	$\frac{1}{18}$	$\frac{125}{1782}$	$\frac{37}{162}$	$\frac{17}{54}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
122255	1657	1944	$\frac{1}{18}$	$\frac{37}{324}$	$\frac{287}{1944}$	$\frac{17}{54}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
122256	1657	1890	$\frac{1}{18}$	$\frac{233}{1890}$	$\frac{37}{270}$	$\frac{17}{54}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{210}\ \Phi_{189}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
122257	1657	1872	$\frac{7}{104}$	$\frac{215}{1872}$	$\frac{1}{8}$	$\frac{97}{312}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{16}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
122258	1657	2160	$\frac{1}{24}$	$\frac{23}{240}$	$\frac{503}{2160}$	$\frac{217}{720}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{60}\ \Phi_{54}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
122259	1657	2016	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{359}{2016}$	$\frac{145}{504}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
122260	1657	2304	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{121}{768}$	$\frac{647}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
122261	1657	1755	$\frac{98}{1755}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{135}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}$
122262	1657	1728	$\frac{71}{1728}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
122263	1657	2176	$\frac{25}{544}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{519}{2176}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
122264	1657	2048	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{391}{2048}$	$\frac{121}{512}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
122265	1657	2160	$\frac{37}{540}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{503}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
122266	1657	1800	$\frac{143}{1800}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{180}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
122267	1657	2080	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{97}{520}$	$\frac{423}{2080}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{416}\ \Phi_{208}\ \Phi_{160}\ \Phi_{104}\ \Phi_{80}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
122268	1657	2025	$\frac{37}{405}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{368}{2025}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{225}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
122269	1657	1920	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{263}{1920}$	$\frac{57}{320}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
122270	1657	1890	$\frac{1}{9}$	$\frac{233}{1890}$	$\frac{37}{270}$	$\frac{8}{45}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{210}\ \Phi_{189}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
122271	1658	1650	$\frac{4}{825}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{821}{1650}$	$\Phi_{1650}^2\ \Phi_{550}^2\ \Phi_{330}^2\ \Phi_{150}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{2}^2$
122272	1658	996	$\frac{1}{166}$	$\frac{167}{996}$	$\frac{1}{3}$	$\frac{165}{332}$	$\Phi_{996}\ \Phi_{498}^2\ \Phi_{332}^2\ \Phi_{249}^2\ \Phi_{166}^2\ \Phi_{83}^2\ \Phi_{12}\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
122273	1658	4920	$\frac{9}{820}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{811}{1640}$	$\Phi_{4920}\ \Phi_{984}\ \Phi_{120}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{6}$
122274	1658	840	$\frac{11}{840}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
122275	1658	1494	$\frac{1}{83}$	$\frac{82}{747}$	$\frac{1}{3}$	$\frac{665}{1494}$	$\Phi_{1494}^2\ \Phi_{498}^2\ \Phi_{249}\ \Phi_{166}^2\ \Phi_{18}^2\ \Phi_{6}^2\ \Phi_{2}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
122276	1658	3984	$\frac{1}{166}$	$\frac{165}{664}$	$\frac{1}{3}$	$\frac{499}{1328}$	$\Phi_{3984}\ \Phi_{498}\ \Phi_{249}\ \Phi_{48}\ \Phi_{6}$
122277	1658	996	$\frac{1}{83}$	$\frac{167}{996}$	$\frac{82}{249}$	$\frac{1}{3}$	$\Phi_{996}^2\ \Phi_{498}^2\ \Phi_{332}^2\ \Phi_{249}\ \Phi_{166}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{2}^2$
122278	1658	1230	$\frac{9}{410}$	$\frac{1}{10}$	$\frac{401}{1230}$	$\frac{1}{3}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{410}^2\ \Phi_{246}\ \Phi_{205}^2\ \Phi_{123}\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
122279	1658	840	$\frac{11}{840}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{2}^2$
122280	1658	3300	$\frac{4}{275}$	$\frac{1}{5}$	$\frac{271}{1100}$	$\frac{1}{3}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{660}\ \Phi_{330}\ \Phi_{300}\ \Phi_{150}\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
122281	1658	990	$\frac{4}{165}$	$\frac{161}{990}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{2}^2$
122282	1658	2550	$\frac{21}{850}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2550}\ \Phi_{1275}\ \Phi_{510}\ \Phi_{255}\ \Phi_{150}\ \Phi_{102}\ \Phi_{51}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
122283	1658	900	$\frac{4}{75}$	$\frac{71}{900}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{2}^2$
122284	1658	2640	$\frac{51}{880}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{132}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
122285	1659	1416	$\frac{1}{236}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{235}{472}$	$\Phi_{1416}^2\ \Phi_{472}^3\ \Phi_{24}^2\ \Phi_{12}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
122286	1659	4248	$\frac{1}{236}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{235}{472}$	$\Phi_{4248}\ \Phi_{472}\ \Phi_{72}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
122287	1659	1560	$\frac{1}{78}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{77}{156}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}^2\ \Phi_{156}\ \Phi_{120}^2\ \Phi_{104}^2\ \Phi_{52}\ \Phi_{40}^3\ \Phi_{24}^2\ \Phi_{12}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
122288	1659	780	$\frac{1}{78}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{77}{156}$	$\Phi_{780}^4\ \Phi_{260}^4\ \Phi_{156}^5\ \Phi_{60}^4\ \Phi_{52}^5\ \Phi_{20}^4\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^5\ \Phi_{2}^2\ \Phi_{1}^3$
122289	1659	312	$\frac{1}{78}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{77}{156}$	$\Phi_{312}^6\ \Phi_{156}^5\ \Phi_{104}^6\ \Phi_{78}^4\ \Phi_{52}^5\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{24}^6\ \Phi_{13}^4\ \Phi_{12}^5\ \Phi_{8}^9\ \Phi_{6}^4\ \Phi_{4}^7\ \Phi_{3}^4\ \Phi_{2}^6\ \Phi_{1}^7$
122290	1659	3900	$\frac{1}{78}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{77}{156}$	$\Phi_{3900}\ \Phi_{1300}\ \Phi_{300}\ \Phi_{156}\ \Phi_{100}\ \Phi_{52}\ \Phi_{25}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
122291	1659	616	$\frac{2}{77}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{75}{154}$	$\Phi_{616}^3\ \Phi_{308}^3\ \Phi_{88}^3\ \Phi_{77}^3\ \Phi_{56}^4\ \Phi_{44}^3\ \Phi_{28}^4\ \Phi_{14}\ \Phi_{11}^3\ \Phi_{8}^3\ \Phi_{7}^3\ \Phi_{4}^3\ \Phi_{1}^3$
122292	1659	272	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{35}{272}$	$\frac{33}{68}$	$\Phi_{272}^7\ \Phi_{136}^5\ \Phi_{68}^6\ \Phi_{34}^5\ \Phi_{17}^5\ \Phi_{16}^7\ \Phi_{8}^4\ \Phi_{4}^5\ \Phi_{2}^4\ \Phi_{1}^5$
122293	1659	1672	$\frac{3}{76}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{1672}^2\ \Phi_{152}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
122294	1659	3240	$\frac{2}{81}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{81}\ \Phi_{72}\ \Phi_{40}\ \Phi_{27}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
122295	1659	4680	$\frac{1}{39}$	$\frac{1}{20}$	$\frac{38}{117}$	$\frac{19}{40}$	$\Phi_{4680}\ \Phi_{936}\ \Phi_{360}\ \Phi_{117}\ \Phi_{72}\ \Phi_{40}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
122296	1659	520	$\frac{1}{26}$	$\frac{1}{20}$	$\frac{25}{104}$	$\frac{19}{40}$	$\Phi_{520}^2\ \Phi_{260}^4\ \Phi_{130}^4\ \Phi_{104}^3\ \Phi_{65}^4\ \Phi_{52}^5\ \Phi_{40}^3\ \Phi_{26}^4\ \Phi_{20}^4\ \Phi_{13}^4\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{5}^4\ \Phi_{4}^5\ \Phi_{2}^4\ \Phi_{1}^5$
122297	1659	840	$\frac{1}{20}$	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{168}^4\ \Phi_{120}^2\ \Phi_{84}\ \Phi_{56}^4\ \Phi_{42}\ \Phi_{40}^3\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}^3\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
122298	1659	3640	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{19}{40}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{280}\ \Phi_{91}\ \Phi_{56}\ \Phi_{40}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
122299	1659	1650	$\frac{1}{22}$	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{330}\ \Phi_{275}\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{75}\ \Phi_{66}\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{25}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
122300	1659	448	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{211}{448}$	$\Phi_{448}^7\ \Phi_{64}^7\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
122301	1659	1056	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{96}\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
122302	1659	168	$\frac{5}{84}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{28}$	$\Phi_{168}^{12}\ \Phi_{84}^9\ \Phi_{56}^{10}\ \Phi_{42}^9\ \Phi_{28}^8\ \Phi_{24}^{12}\ \Phi_{21}^9\ \Phi_{14}^7\ \Phi_{12}^9\ \Phi_{8}^9\ \Phi_{7}^7\ \Phi_{6}^9\ \Phi_{4}^7\ \Phi_{3}^9\ \Phi_{2}^6\ \Phi_{1}^7$
122303	1659	1768	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{1}{8}$	$\frac{205}{442}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{221}\ \Phi_{136}^2\ \Phi_{104}\ \Phi_{68}^2\ \Phi_{52}\ \Phi_{34}\ \Phi_{17}\ \Phi_{13}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
122304	1659	1584	$\frac{1}{22}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{144}$	$\Phi_{1584}^2\ \Phi_{528}^2\ \Phi_{176}^2\ \Phi_{144}\ \Phi_{88}^2\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
122305	1659	1540	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{140}$	$\Phi_{1540}^2\ \Phi_{308}^2\ \Phi_{220}^2\ \Phi_{140}\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{28}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
122306	1659	136	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{11}{68}$	$\frac{57}{136}$	$\Phi_{136}^{11}\ \Phi_{68}^{14}\ \Phi_{34}^{13}\ \Phi_{17}^{13}\ \Phi_{8}^{10}\ \Phi_{4}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
122307	1659	708	$\frac{1}{118}$	$\frac{1}{6}$	$\frac{39}{118}$	$\frac{5}{12}$	$\Phi_{708}^4\ \Phi_{236}^4\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_{12}^5\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
122308	1659	240	$\frac{1}{80}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^9\ \Phi_{60}^6\ \Phi_{48}^6\ \Phi_{40}^9\ \Phi_{30}^6\ \Phi_{24}^6\ \Phi_{20}^9\ \Phi_{16}^9\ \Phi_{15}^6\ \Phi_{12}^5$ $\Phi_{10}^9\ \Phi_8^9\ \Phi_6^4\ \Phi_5^9\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
122309	1659	3540	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{58}{295}$	$\frac{5}{12}$	$\Phi_{3540}\ \Phi_{1180}\ \Phi_{295}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
122310	1659	1408	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{1408}^2\ \Phi_{176}^2\ \Phi_{128}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
122311	1659	1320	$\frac{1}{22}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{220}^2\ \Phi_{120}\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}\ \Phi_{24}$ $\Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
122312	1659	1062	$\frac{1}{118}$	$\frac{2}{9}$	$\frac{39}{118}$	$\frac{1}{3}$	$\Phi_{1062}^2\ \Phi_{531}^2\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_{18}^2\ \Phi_9^3\ \Phi_2^2\ \Phi_1^3$
122313	1659	810	$\frac{2}{81}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{81}^3\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{27}^3\ \Phi_{18}^2\ \Phi_{10}^2$ $\Phi_9^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
122314	1659	561	$\frac{8}{561}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{561}^3\ \Phi_{187}^3\ \Phi_{51}^3\ \Phi_{33}^2\ \Phi_{17}^3\ \Phi_{11}^3\ \Phi_3\ \Phi_1^3$
122315	1659	720	$\frac{1}{80}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{72}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^2\ \Phi_{20}^3\ \Phi_{18}^2$ $\Phi_{16}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
122316	1659	648	$\frac{2}{81}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{648}^3\ \Phi_{324}^2\ \Phi_{216}^3\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^3\ \Phi_{72}^3\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{18}^2\ \Phi_9^3$ $\Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
122317	1659	2655	$\frac{1}{59}$	$\frac{58}{295}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2655}\ \Phi_{295}\ \Phi_{45}\ \Phi_9\ \Phi_5\ \Phi_1$
122318	1659	2025	$\frac{2}{81}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{225}\ \Phi_{81}\ \Phi_{27}\ \Phi_{25}\ \Phi_9\ \Phi_1$
122319	1659	1170	$\frac{1}{39}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{38}{117}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{234}^2\ \Phi_{117}^3\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_9^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
122320	1659	936	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{38}{117}$	$\Phi_{936}^3\ \Phi_{468}^2\ \Phi_{234}^2\ \Phi_{117}^3\ \Phi_{72}^3\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
122321	1659	2925	$\frac{1}{39}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{38}{117}$	$\Phi_{2925}\ \Phi_{225}\ \Phi_{117}\ \Phi_{25}\ \Phi_9\ \Phi_1$
122322	1659	408	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{23}{102}$	$\frac{11}{34}$	$\Phi_{408}^6\ \Phi_{204}^6\ \Phi_{136}^2\ \Phi_{102}^3\ \Phi_{68}^2\ \Phi_{51}^3\ \Phi_{34}\ \Phi_{24}^6\ \Phi_{17}\ \Phi_{12}^6\ \Phi_8\ \Phi_6^3$ $\Phi_4\ \Phi_3^3\ \Phi_1$
122323	1659	520	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{25}{104}$	$\frac{3}{10}$	$\Phi_{520}^4\ \Phi_{260}^4\ \Phi_{104}^5\ \Phi_{52}^5\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_8^5\ \Phi_5^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
122324	1659	420	$\frac{5}{84}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^5\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^5\ \Phi_{35}^4\ \Phi_{28}^5\ \Phi_{21}^5\ \Phi_{20}^4$ $\Phi_{14}^5\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_7^5\ \Phi_5^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
122325	1659	910	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{12}{91}$	$\frac{3}{10}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{182}^2\ \Phi_{91}^3\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
122326	1659	112	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{8}$	$\frac{33}{112}$	$\Phi_{112}^{14}\ \Phi_{56}^{16}\ \Phi_{28}^{16}\ \Phi_{16}^{14}\ \Phi_{14}^{15}\ \Phi_8^{15}\ \Phi_7^{15}\ \Phi_4^{15}\ \Phi_2^{14}\ \Phi_1^{15}$
122327	1659	1056	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{176}^2\ \Phi_{96}\ \Phi_{88}^2\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}$ $\Phi_8\ \Phi_4\ \Phi_1$
122328	1659	168	$\frac{5}{84}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{168}^{12}\ \Phi_{84}^9\ \Phi_{56}^{10}\ \Phi_{42}^9\ \Phi_{28}^7\ \Phi_{24}^{12}\ \Phi_{21}^9\ \Phi_{14}^7\ \Phi_{12}^9\ \Phi_8^9\ \Phi_7^9\ \Phi_6^9\ \Phi_4^6$ $\Phi_3^9\ \Phi_2^6\ \Phi_1^9$
122329	1659	990	$\frac{1}{22}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}\ \Phi_{66}\ \Phi_{55}^2\ \Phi_{45}$ $\Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1$
122330	1659	104	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{25}{104}$	$\frac{1}{4}$	$\Phi_{104}^{15}\ \Phi_{52}^{17}\ \Phi_{26}^{16}\ \Phi_{13}^{16}\ \Phi_8^{18}\ \Phi_4^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
122331	1659	168	$\frac{5}{84}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{168}^{12}\ \Phi_{84}^9\ \Phi_{56}^{12}\ \Phi_{42}^9\ \Phi_{28}^9\ \Phi_{24}^6\ \Phi_{21}^9\ \Phi_{14}^9\ \Phi_{12}^5\ \Phi_8^9\ \Phi_7^9\ \Phi_6^4\ \Phi_4^7$ $\Phi_3^4\ \Phi_2^6\ \Phi_1^7$
122332	1659	728	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{12}{91}$	$\frac{1}{4}$	$\Phi_{728}^3\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{91}^3\ \Phi_{56}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
122333	1659	2600	$\frac{1}{26}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{25}{104}$	$\Phi_{2600}\ \Phi_{1300}\ \Phi_{200}\ \Phi_{104}\ \Phi_{100}\ \Phi_{52}\ \Phi_{25}\ \Phi_8\ \Phi_4\ \Phi_1$
122334	1659	280	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{43}{280}$	$\frac{13}{56}$	$\Phi_{280}^7\ \Phi_{140}^7\ \Phi_{70}^7\ \Phi_{56}^2\ \Phi_{40}^7\ \Phi_{35}^7\ \Phi_{28}^2\ \Phi_{20}^7\ \Phi_{14}\ \Phi_{10}^7\ \Phi_8\ \Phi_7\ \Phi_5^7$ $\Phi_4\ \Phi_1$
122335	1659	616	$\frac{6}{77}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{71}{308}$	$\Phi_{616}^3\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{88}^3\ \Phi_{77}^3\ \Phi_{56}^4\ \Phi_{44}^2\ \Phi_{28}^3\ \Phi_{22}^2\ \Phi_{14}^3\ \Phi_{11}^3\ \Phi_8^3$ $\Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
122336	1659	1100	$\frac{1}{22}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{1100}^2\ \Phi_{550}\ \Phi_{275}\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{100}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{25}\ \Phi_{22}\ \Phi_{20}$ $\Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
122337	1659	2100	$\frac{5}{84}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{100}\ \Phi_{84}\ \Phi_{42}$ $\Phi_{28}\ \Phi_{25}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
122338	1659	2275	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{2275}\ \Phi_{175}\ \Phi_{91}\ \Phi_{25}\ \Phi_7\ \Phi_1$
122339	1660	828	$\frac{1}{414}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{413}{828}$	$\Phi_{828}^4\ \Phi_{276}^4\ \Phi_{92}^4\ \Phi_{36}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
122340	1660	2648	$\frac{1}{331}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{165}{331}$	$\Phi_{2648}\ \Phi_{331}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
122341	1660	1662	$\frac{1}{277}$	$\frac{139}{554}$	$\frac{1}{3}$	$\frac{138}{277}$	$\Phi_{1662}^{2}\ \Phi_{831}\ \Phi_{6}^{2}$
122342	1660	711	$\frac{1}{237}$	$\frac{119}{711}$	$\frac{296}{711}$	$\frac{118}{237}$	$\Phi_{711}^{2}\ \Phi_{237}^{3}\ \Phi_{79}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
122343	1660	826	$\frac{2}{413}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{411}{826}$	$\Phi_{826}^{4}\ \Phi_{118}^{4}\ \Phi_{14}^{4}\ \Phi_{7}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
122344	1660	495	$\frac{1}{165}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{82}{165}$	$\Phi_{495}^{3}\ \Phi_{165}^{4}\ \Phi_{99}^{3}\ \Phi_{55}^{4}\ \Phi_{45}^{3}\ \Phi_{33}^{4}\ \Phi_{15}^{4}\ \Phi_{11}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
122345	1660	330	$\frac{1}{165}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{82}{165}$	$\Phi_{330}^{6}\ \Phi_{165}^{4}\ \Phi_{110}^{6}\ \Phi_{66}^{6}\ \Phi_{55}^{4}\ \Phi_{33}^{4}\ \Phi_{30}^{6}\ \Phi_{22}^{6}\ \Phi_{15}^{4}\ \Phi_{11}^{4}\ \Phi_{10}^{6}\ \Phi_{6}^{8}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
122346	1660	1659	$\frac{11}{1659}$	$\frac{167}{1659}$	$\frac{746}{1659}$	$\frac{824}{1659}$	$\Phi_{1659}\ \Phi_{553}\ \Phi_{237}\ \Phi_{79}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
122347	1660	4120	$\frac{3}{412}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{409}{824}$	$\Phi_{4120}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
122348	1660	222	$\frac{1}{111}$	$\frac{1}{6}$	$\frac{28}{111}$	$\frac{55}{111}$	$\Phi_{222}^{9}\ \Phi_{111}^{6}\ \Phi_{74}^{9}\ \Phi_{37}^{6}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
122349	1660	329	$\frac{3}{329}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{163}{329}$	$\Phi_{329}^{5}\ \Phi_{47}^{5}\ \Phi_{7}^{7}\ \Phi_{1}^{8}$
122350	1660	1659	$\frac{17}{1659}$	$\frac{248}{1659}$	$\frac{419}{1659}$	$\frac{821}{1659}$	$\Phi_{1659}\ \Phi_{553}\ \Phi_{237}\ \Phi_{79}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
122351	1660	831	$\frac{3}{277}$	$\frac{28}{277}$	$\frac{1}{3}$	$\frac{137}{277}$	$\Phi_{831}^{3}\ \Phi_{3}^{2}$
122352	1660	3116	$\frac{1}{82}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{81}{164}$	$\Phi_{3116}\ \Phi_{164}^{2}\ \Phi_{76}\ \Phi_{19}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
122353	1660	5412	$\frac{1}{82}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{81}{164}$	$\Phi_{5412}\ \Phi_{132}\ \Phi_{33}$
122354	1660	3116	$\frac{1}{82}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{81}{164}$	$\Phi_{3116}\ \Phi_{164}^{2}\ \Phi_{76}\ \Phi_{19}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
122355	1660	2460	$\frac{1}{82}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{81}{164}$	$\Phi_{2460}^{2}\ \Phi_{820}\ \Phi_{60}^{2}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
122356	1660	158	$\frac{1}{79}$	$\frac{4}{79}$	$\frac{75}{158}$	$\frac{39}{79}$	$\Phi_{158}^{20}\ \Phi_{79}\ \Phi_{2}^{20}\ \Phi_{1}^{2}$
122357	1660	237	$\frac{1}{79}$	$\frac{8}{79}$	$\frac{71}{237}$	$\frac{39}{79}$	$\Phi_{237}^{10}\ \Phi_{79}\ \Phi_{3}^{10}\ \Phi_{1}^{2}$
122358	1660	474	$\frac{1}{79}$	$\frac{59}{474}$	$\frac{20}{79}$	$\frac{39}{79}$	$\Phi_{474}^{4}\ \Phi_{237}^{4}\ \Phi_{158}^{4}\ \Phi_{79}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
122359	1660	819	$\frac{11}{819}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{404}{819}$	$\Phi_{819}^{2}\ \Phi_{273}^{2}\ \Phi_{117}^{2}\ \Phi_{91}^{2}\ \Phi_{63}^{2}\ \Phi_{39}^{2}\ \Phi_{21}^{3}\ \Phi_{13}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
122360	1660	4080	$\frac{7}{408}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{401}{816}$	$\Phi_{4080}\ \Phi_{1360}\ \Phi_{240}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
122361	1660	1134	$\frac{2}{81}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{1134}^{3}\ \Phi_{378}^{3}\ \Phi_{162}^{2}\ \Phi_{126}^{3}\ \Phi_{54}^{2}\ \Phi_{42}^{3}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
122362	1660	162	$\frac{2}{81}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{79}{162}$	$\Phi_{162}^{8}\ \Phi_{81}^{12}\ \Phi_{54}^{8}\ \Phi_{27}^{12}\ \Phi_{18}^{11}\ \Phi_{9}^{14}\ \Phi_{6}^{10}\ \Phi_{3}^{13}\ \Phi_{2}^{10}\ \Phi_{1}^{14}$
122363	1660	476	$\frac{3}{119}$	$\frac{61}{476}$	$\frac{1}{7}$	$\frac{58}{119}$	$\Phi_{476}^{4}\ \Phi_{238}^{4}\ \Phi_{119}^{2}\ \Phi_{68}^{4}\ \Phi_{34}^{4}\ \Phi_{28}^{4}\ \Phi_{17}^{2}\ \Phi_{14}^{4}\ \Phi_{7}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
122364	1660	1617	$\frac{43}{1617}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{787}{1617}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{231}\ \Phi_{147}\ \Phi_{77}\ \Phi_{49}^{2}\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
122365	1660	1110	$\frac{1}{37}$	$\frac{19}{185}$	$\frac{1}{6}$	$\frac{18}{37}$	$\Phi_{1110}^{2}\ \Phi_{555}^{2}\ \Phi_{370}^{2}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
122366	1660	4030	$\frac{12}{403}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{391}{806}$	$\Phi_{4030}\ \Phi_{310}\ \Phi_{130}\ \Phi_{65}\ \Phi_{10}$
122367	1660	2240	$\frac{1}{32}$	$\frac{33}{448}$	$\frac{1}{5}$	$\frac{31}{64}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
122368	1660	336	$\frac{1}{28}$	$\frac{1}{21}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{336}^{7}\ \Phi_{112}^{6}\ \Phi_{84}^{7}\ \Phi_{48}^{7}\ \Phi_{42}^{7}\ \Phi_{28}^{6}\ \Phi_{21}^{6}\ \Phi_{16}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{7}\ \Phi_{7}^{5}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
122369	1660	3360	$\frac{3}{80}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
122370	1660	160	$\frac{3}{80}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{77}{160}$	$\Phi_{160}^{20}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}^{20}\ \Phi_{20}\ \Phi_{10}$
122371	1660	798	$\frac{16}{399}$	$\frac{1}{21}$	$\frac{5}{21}$	$\frac{383}{798}$	$\Phi_{798}^{4}\ \Phi_{266}^{4}\ \Phi_{114}^{4}\ \Phi_{42}^{4}\ \Phi_{38}^{4}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
122372	1660	546	$\frac{11}{273}$	$\frac{1}{21}$	$\frac{131}{546}$	$\frac{10}{21}$	$\Phi_{546}^{4}\ \Phi_{273}^{2}\ \Phi_{182}^{4}\ \Phi_{91}^{2}\ \Phi_{78}^{4}\ \Phi_{42}^{4}\ \Phi_{39}^{2}\ \Phi_{26}^{4}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{13}^{2}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
122373	1660	441	$\frac{1}{21}$	$\frac{26}{441}$	$\frac{11}{63}$	$\frac{10}{21}$	$\Phi_{441}^{4}\ \Phi_{147}^{4}\ \Phi_{63}^{2}\ \Phi_{49}^{4}\ \Phi_{21}^{3}\ \Phi_{9}^{2}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
122374	1660	158	$\frac{3}{79}$	$\frac{4}{79}$	$\frac{19}{79}$	$\frac{75}{158}$	$\Phi_{158}^{20}\ \Phi_{79}\ \Phi_{2}^{20}\ \Phi_{1}^{2}$
122375	1660	158	$\frac{4}{79}$	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{75}{158}$	$\Phi_{158}^{20}\ \Phi_{79}\ \Phi_{2}^{20}\ \Phi_{1}^{2}$
122376	1660	2337	$\frac{1}{41}$	$\frac{1}{19}$	$\frac{40}{123}$	$\frac{9}{19}$	$\Phi_{2337}\ \Phi_{123}^{2}\ \Phi_{57}\ \Phi_{19}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
122377	1660	315	$\frac{1}{21}$	$\frac{17}{315}$	$\frac{4}{21}$	$\frac{149}{315}$	$\Phi_{315}^{5}\ \Phi_{105}^{5}\ \Phi_{63}^{5}\ \Phi_{45}^{5}\ \Phi_{35}^{5}\ \Phi_{21}^{9}\ \Phi_{15}^{5}\ \Phi_{9}^{5}\ \Phi_{7}^{9}\ \Phi_{5}^{5}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
122378	1660	784	$\frac{23}{392}$	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{369}{784}$	$\Phi_{784}^{4}\ \Phi_{112}^{4}\ \Phi_{49}^{2}\ \Phi_{16}^{4}\ \Phi_{7}\ \Phi_{1}^{2}$
122379	1660	504	$\frac{1}{21}$	$\frac{5}{84}$	$\frac{89}{504}$	$\frac{79}{168}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{126}^{4}\ \Phi_{84}^{4}\ \Phi_{72}^{4}\ \Phi_{63}^{4}\ \Phi_{42}^{4}\ \Phi_{36}^{4}\ \Phi_{28}^{4}\ \Phi_{21}^{3}\ \Phi_{18}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
122380	1660	441	$\frac{26}{441}$	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{23}{49}$	$\Phi_{441}^{4}\ \Phi_{147}^{4}\ \Phi_{63}^{4}\ \Phi_{49}^{2}\ \Phi_{21}^{4}\ \Phi_{9}^{4}\ \Phi_{7}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
122381	1660	780	$\frac{1}{26}$	$\frac{5}{78}$	$\frac{1}{5}$	$\frac{73}{156}$	$\Phi_{780}^{5}\ \Phi_{260}^{5}\ \Phi_{130}\ \Phi_{65}\ \Phi_{60}^{5}\ \Phi_{20}^{5}\ \Phi_{10}$
122382	1660	1092	$\frac{1}{21}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{73}{156}$	$\Phi_{1092}^{3}\ \Phi_{364}^{3}\ \Phi_{156}^{2}\ \Phi_{84}^{3}\ \Phi_{52}^{2}\ \Phi_{42}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
122383	1660	1547	$\frac{6}{119}$	$\frac{113}{1547}$	$\frac{1}{7}$	$\frac{717}{1547}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}^{2}\ \Phi_{91}\ \Phi_{17}^{2}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}^{2}$
122384	1660	462	$\frac{1}{21}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{154}$	$\Phi_{462}^{7}\ \Phi_{154}^{6}\ \Phi_{66}^{7}\ \Phi_{42}^{7}\ \Phi_{22}^{6}\ \Phi_{21}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{7}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
122385	1660	3840	$\frac{1}{32}$	$\frac{31}{384}$	$\frac{1}{5}$	$\frac{353}{768}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
122386	1660	672	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{11}{24}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}^{3}\ \Phi_{112}^{3}\ \Phi_{96}^{2}\ \Phi_{84}^{3}\ \Phi_{48}^{2}\ \Phi_{42}^{3}\ \Phi_{32}^{2}\ \Phi_{28}^{3}\ \Phi_{21}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
122387	1660	756	$\frac{1}{21}$	$\frac{37}{378}$	$\frac{5}{42}$	$\frac{341}{756}$	$\Phi_{756}^{4}\ \Phi_{252}^{4}\ \Phi_{108}^{4}\ \Phi_{84}^{4}\ \Phi_{42}^{4}\ \Phi_{36}^{4}\ \Phi_{28}^{4}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
122388	1660	252	$\frac{1}{84}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{84}^{8}\ \Phi_{63}^{6}\ \Phi_{42}^{8}\ \Phi_{36}^{6}\ \Phi_{28}^{8}\ \Phi_{21}^{8}\ \Phi_{18}^{6}\ \Phi_{14}^{8}\ \Phi_{12}^{8}\ \Phi_{9}^{4}\ \Phi_{7}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
122389	1660	990	$\frac{1}{55}$	$\frac{1}{9}$	$\frac{27}{110}$	$\frac{4}{9}$	$\Phi_{990}^{2}\ \Phi_{495}\ \Phi_{330}^{2}\ \Phi_{198}^{2}\ \Phi_{165}\ \Phi_{110}^{4}\ \Phi_{99}\ \Phi_{90}^{2}\ \Phi_{66}^{2}\ \Phi_{55}^{2}\ \Phi_{45}\ \Phi_{33}\ \Phi_{30}^{2}\ \Phi_{22}^{4}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{11}^{2}\ \Phi_{10}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
122390	1660	765	$\frac{2}{85}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{765}^{2}\ \Phi_{255}^{2}\ \Phi_{153}^{2}\ \Phi_{85}^{4}\ \Phi_{51}^{2}\ \Phi_{45}\ \Phi_{17}^{4}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
122391	1660	342	$\frac{5}{171}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{342}^{6}\ \Phi_{171}^{4}\ \Phi_{114}^{6}\ \Phi_{57}^{4}\ \Phi_{38}^{6}\ \Phi_{19}^{4}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
122392	1660	99	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{16}{99}$	$\frac{4}{9}$	$\Phi_{99}^{17}\ \Phi_{33}^{16}\ \Phi_{11}^{16}\ \Phi_{9}^{18}\ \Phi_{3}^{17}\ \Phi_{1}^{18}$
122393	1660	792	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{99}\ \Phi_{88}^{4}\ \Phi_{72}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{4}\ \Phi_{36}^{2}\ \Phi_{33}\ \Phi_{24}^{2}\ \Phi_{22}^{4}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
122394	1660	90	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{90}^{20}\ \Phi_{45}^{17}\ \Phi_{30}^{20}\ \Phi_{18}^{20}\ \Phi_{15}^{16}\ \Phi_{10}^{20}\ \Phi_{9}^{18}\ \Phi_{6}^{20}\ \Phi_{5}^{16}\ \Phi_{3}^{17}\ \Phi_{2}^{20}\ \Phi_{1}^{18}$
122395	1660	444	$\frac{1}{37}$	$\frac{9}{74}$	$\frac{1}{6}$	$\frac{65}{148}$	$\Phi_{444}^{8}\ \Phi_{222}\ \Phi_{148}^{4}\ \Phi_{111}\ \Phi_{74}\ \Phi_{12}^{8}\ \Phi_{4}^{4}$
122396	1660	147	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{64}{147}$	$\Phi_{147}^{10}\ \Phi_{49}^{10}\ \Phi_{21}^{19}\ \Phi_{7}^{19}\ \Phi_{3}^{19}\ \Phi_{1}^{20}$
122397	1660	3640	$\frac{1}{52}$	$\frac{51}{364}$	$\frac{1}{5}$	$\frac{313}{728}$	$\Phi_{3640}\ \Phi_{520}\ \Phi_{280}\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
122398	1660	1239	$\frac{4}{413}$	$\frac{1}{7}$	$\frac{409}{1239}$	$\frac{3}{7}$	$\Phi_{1239}^{2}\ \Phi_{177}^{2}\ \Phi_{21}^{2}\ \Phi_{7}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
122399	1660	84	$\frac{1}{84}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{84}^{20}\ \Phi_{42}^{20}\ \Phi_{28}^{20}\ \Phi_{21}^{20}\ \Phi_{14}^{20}\ \Phi_{12}^{20}\ \Phi_{7}^{17}\ \Phi_{6}^{20}\ \Phi_{4}^{20}\ \Phi_{3}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{18}$
122400	1660	1008	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{144}$	$\Phi_{1008}^{3}\ \Phi_{336}^{3}\ \Phi_{144}^{2}\ \Phi_{112}^{3}\ \Phi_{84}^{3}\ \Phi_{48}^{2}\ \Phi_{42}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
122401	1660	714	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{58}{357}$	$\frac{299}{714}$	$\Phi_{714}^{4}\ \Phi_{238}^{4}\ \Phi_{119}^{2}\ \Phi_{102}^{4}\ \Phi_{42}^{4}\ \Phi_{34}^{4}\ \Phi_{17}^{2}\ \Phi_{14}^{4}\ \Phi_{7}\ \Phi_{6}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
122402	1660	420	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{57}{140}$	$\Phi_{420}^{7}\ \Phi_{140}^{6}\ \Phi_{84}^{7}\ \Phi_{60}^{7}\ \Phi_{42}^{7}\ \Phi_{28}^{6}\ \Phi_{21}^{6}\ \Phi_{20}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{7}\ \Phi_{7}^{5}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
122403	1660	237	$\frac{2}{237}$	$\frac{47}{237}$	$\frac{71}{237}$	$\frac{95}{237}$	$\Phi_{237}^{7}\ \Phi_{79}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
122404	1660	831	$\frac{2}{277}$	$\frac{55}{277}$	$\frac{1}{3}$	$\frac{111}{277}$	$\Phi_{831}^{3}\ \Phi_{3}^{2}$
122405	1660	672	$\frac{1}{21}$	$\frac{5}{84}$	$\frac{79}{336}$	$\frac{257}{672}$	$\Phi_{672}^{4}\ \Phi_{224}^{4}\ \Phi_{96}^{4}\ \Phi_{84}^{4}\ \Phi_{42}^{4}\ \Phi_{32}^{4}\ \Phi_{28}^{4}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
122406	1660	4008	$\frac{1}{167}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{4008}\ \Phi_{501}$
122407	1660	2648	$\frac{3}{331}$	$\frac{82}{331}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2648}\ \Phi_{331}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
122408	1660	840	$\frac{1}{84}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^{4}\ \Phi_{420}\ \Phi_{280}^{4}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}^{4}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}^{3}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
122409	1660	1848	$\frac{1}{21}$	$\frac{5}{88}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
122410	1660	126	$\frac{1}{21}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{126}^{20}\ \Phi_{42}^{20}\ \Phi_{21}^{19}\ \Phi_{18}^{20}\ \Phi_{14}^{20}\ \Phi_{7}^{19}\ \Phi_{6}^{20}\ \Phi_{3}^{19}\ \Phi_{2}^{20}\ \Phi_{1}^{20}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
122411	1660	3120	$\frac{1}{104}$	$\frac{1}{5}$	$\frac{103}{312}$	$\frac{209}{624}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{240}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
122412	1660	417	$\frac{2}{417}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{417}^4\ \Phi_{139}^4\ \Phi_3\ \Phi_1^2$
122413	1660	621	$\frac{1}{207}$	$\frac{206}{621}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{621}^4\ \Phi_{27}^4\ \Phi_3\ \Phi_1^2$
122414	1660	552	$\frac{1}{138}$	$\frac{137}{552}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{552}^4\ \Phi_{276}^4\ \Phi_{184}^4\ \Phi_{92}^4\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
122415	1660	837	$\frac{7}{837}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{837}^2\ \Phi_{279}^2\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{27}^2\ \Phi_3\ \Phi_1^2$
122416	1660	207	$\frac{2}{207}$	$\frac{41}{207}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{207}^8\ \Phi_{69}^8\ \Phi_{23}^8\ \Phi_9^8\ \Phi_3^9\ \Phi_1^{10}$
122417	1660	84	$\frac{1}{84}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{84}^{20}\ \Phi_{42}^{20}\ \Phi_{28}^{20}\ \Phi_{21}^{20}\ \Phi_{14}^{20}\ \Phi_{12}^{20}\ \Phi_7^{20}\ \Phi_6^{16}\ \Phi_4^{20}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
122418	1660	483	$\frac{1}{69}$	$\frac{68}{483}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{483}^4\ \Phi_{161}^4\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
122419	1660	423	$\frac{8}{423}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{423}^4\ \Phi_{141}^4\ \Phi_{47}^4\ \Phi_3\ \Phi_1^2$
122420	1660	276	$\frac{1}{46}$	$\frac{9}{92}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{276}^5\ \Phi_{138}^4\ \Phi_{92}^{10}\ \Phi_{69}^4\ \Phi_{46}^8\ \Phi_{23}^8\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^{10}\ \Phi_3^5\ \Phi_2^8\ \Phi_1^{10}$
122421	1660	897	$\frac{2}{69}$	$\frac{67}{897}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{897}^2\ \Phi_{299}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
122422	1660	432	$\frac{17}{432}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
122423	1660	1311	$\frac{1}{23}$	$\frac{22}{437}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1311}\ \Phi_{437}^2\ \Phi_{57}\ \Phi_{19}^2\ \Phi_3\ \Phi_1^2$
122424	1660	990	$\frac{2}{165}$	$\frac{1}{6}$	$\frac{163}{495}$	$\frac{1}{3}$	$\Phi_{990}^3\ \Phi_{495}^2\ \Phi_{198}^3\ \Phi_{99}^2\ \Phi_{90}^3\ \Phi_{45}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
122425	1660	1353	$\frac{1}{41}$	$\frac{1}{11}$	$\frac{40}{123}$	$\frac{1}{3}$	$\Phi_{1353}\ \Phi_{451}^2\ \Phi_{33}^2\ \Phi_{11}^2$
122426	1660	756	$\frac{1}{84}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{189}^3\ \Phi_{108}^3\ \Phi_{84}^2\ \Phi_{54}^3\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
122427	1660	330	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{27}{110}$	$\frac{1}{3}$	$\Phi_{330}^4\ \Phi_{165}^5\ \Phi_{110}^6\ \Phi_{66}^4\ \Phi_{55}^6\ \Phi_{33}^5\ \Phi_{30}^4\ \Phi_{22}^6\ \Phi_{15}^5\ \Phi_{11}^6\ \Phi_{10}^6\ \Phi_6^6\ \Phi_5^6\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
122428	1660	756	$\frac{1}{21}$	$\frac{2}{27}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{252}^3\ \Phi_{126}^3\ \Phi_{108}^2\ \Phi_{84}^3\ \Phi_{54}^2\ \Phi_{42}^3\ \Phi_{36}^2\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
122429	1660	630	$\frac{1}{21}$	$\frac{7}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{126}^3\ \Phi_{105}^3\ \Phi_{90}^2\ \Phi_{70}^3\ \Phi_{45}^2\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
122430	1660	510	$\frac{2}{85}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{510}^4\ \Phi_{255}^2\ \Phi_{170}^4\ \Phi_{102}^4\ \Phi_{85}^4\ \Phi_{51}^2\ \Phi_{34}^4\ \Phi_{30}^2\ \Phi_{17}^4\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
122431	1660	198	$\frac{1}{33}$	$\frac{16}{99}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{198}^{12}\ \Phi_{99}^8\ \Phi_{66}^6\ \Phi_{33}^4\ \Phi_{22}^6\ \Phi_{18}^{12}\ \Phi_{11}^4\ \Phi_9^8\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
122432	1660	690	$\frac{13}{345}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{690}^3\ \Phi_{345}^2\ \Phi_{230}^3\ \Phi_{138}^3\ \Phi_{115}^2\ \Phi_{69}^2\ \Phi_{46}^3\ \Phi_{23}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
122433	1660	264	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{264}^6\ \Phi_{132}^6\ \Phi_{88}^8\ \Phi_{66}^4\ \Phi_{44}^8\ \Phi_{33}^5\ \Phi_{24}^6\ \Phi_{22}^6\ \Phi_{12}^6\ \Phi_{11}^6\ \Phi_8^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
122434	1660	726	$\frac{2}{33}$	$\frac{31}{363}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{726}^3\ \Phi_{363}^2\ \Phi_{242}^3\ \Phi_{121}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
122435	1660	90	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{90}^{20}\ \Phi_{45}^{20}\ \Phi_{30}^{14}\ \Phi_{18}^{20}\ \Phi_{15}^{16}\ \Phi_{10}^{14}\ \Phi_9^{20}\ \Phi_6^{16}\ \Phi_5^{16}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
122436	1660	2337	$\frac{1}{41}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{40}{123}$	$\Phi_{2337}\ \Phi_{123}^2\ \Phi_{57}\ \Phi_{19}\ \Phi_3^2\ \Phi_1^2$
122437	1660	1230	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{40}{123}$	$\Phi_{1230}^2\ \Phi_{615}\ \Phi_{410}^2\ \Phi_{205}^2\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
122438	1660	1071	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{241}{1071}$	$\frac{116}{357}$	$\Phi_{1071}^2\ \Phi_{153}^2\ \Phi_{119}^2\ \Phi_{63}^2\ \Phi_{17}^2\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
122439	1660	480	$\frac{1}{32}$	$\frac{13}{96}$	$\frac{1}{5}$	$\frac{31}{96}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^5\ \Phi_{120}^4\ \Phi_{80}^5\ \Phi_{60}^4\ \Phi_{40}^5\ \Phi_{30}^4\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{10}^5\ \Phi_5^4$
122440	1660	2340	$\frac{1}{26}$	$\frac{53}{468}$	$\frac{1}{5}$	$\frac{25}{78}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{260}\ \Phi_{180}\ \Phi_{130}\ \Phi_{90}\ \Phi_{65}\ \Phi_{60}\ \Phi_{45}\ \Phi_{20}\ \Phi_{10}$
122441	1660	486	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{77}{243}$	$\Phi_{486}^6\ \Phi_{243}^4\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
122442	1660	840	$\frac{1}{21}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}^3\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^3\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
122443	1660	756	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{189}^3\ \Phi_{108}^2\ \Phi_{84}^3\ \Phi_{54}^2\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
122444	1660	237	$\frac{7}{79}$	$\frac{8}{79}$	$\frac{9}{79}$	$\frac{71}{237}$	$\Phi_{237}^{10}\ \Phi_{79}\ \Phi_3^{10}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
122445	1660	702	$\frac{19}{351}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{702}^3\ \Phi_{351}^2\ \Phi_{234}^3\ \Phi_{117}^2\ \Phi_{78}^3\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{18}^3\ \Phi_{13}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
122446	1660	588	$\frac{3}{49}$	$\frac{23}{196}$	$\frac{1}{7}$	$\frac{173}{588}$	$\Phi_{588}^4\ \Phi_{294}^4\ \Phi_{147}^4\ \Phi_{84}^4\ \Phi_{49}^2\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{12}^4\ \Phi_7\ \Phi_6^4\ \Phi_3^4\ \Phi_1^2$
122447	1660	504	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{89}{504}$	$\frac{37}{126}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{84}^4\ \Phi_{72}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_7^3\ \Phi_6^4\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
122448	1660	441	$\frac{26}{441}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{147}$	$\Phi_{441}^4\ \Phi_{147}^3\ \Phi_{63}^4\ \Phi_{49}^4\ \Phi_{21}^3\ \Phi_9^4\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
122449	1660	2160	$\frac{17}{432}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
122450	1660	2880	$\frac{1}{32}$	$\frac{31}{192}$	$\frac{1}{5}$	$\frac{161}{576}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{180}\ \Phi_{160}\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
122451	1660	189	$\frac{1}{21}$	$\frac{23}{189}$	$\frac{4}{21}$	$\frac{17}{63}$	$\Phi_{189}^{10}\ \Phi_{63}^5\ \Phi_{27}^{10}\ \Phi_{21}^9\ \Phi_9^5\ \Phi_7^9\ \Phi_3^9\ \Phi_1^{10}$
122452	1660	474	$\frac{3}{79}$	$\frac{59}{474}$	$\frac{19}{79}$	$\frac{20}{79}$	$\Phi_{474}^4\ \Phi_{237}^4\ \Phi_{158}^4\ \Phi_{79}\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^2$
122453	1660	222	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{9}{37}$	$\frac{28}{111}$	$\Phi_{222}^9\ \Phi_{111}^5\ \Phi_{74}^9\ \Phi_{37}^8\ \Phi_6^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
122454	1660	553	$\frac{9}{553}$	$\frac{136}{553}$	$\frac{138}{553}$	$\frac{139}{553}$	$\Phi_{553}^3\ \Phi_{79}^3\ \Phi_7^3\ \Phi_1^4$
122455	1660	672	$\frac{1}{21}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{672}^3\ \Phi_{336}^2\ \Phi_{224}^3\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}^2\ \Phi_{84}^3\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}^3\ \Phi_{32}^2\ \Phi_{28}^3\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
122456	1660	2100	$\frac{1}{21}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{84}\ \Phi_{75}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
122457	1660	2560	$\frac{1}{32}$	$\frac{97}{512}$	$\frac{1}{5}$	$\frac{31}{128}$	$\Phi_{2560}\ \Phi_{1280}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
122458	1660	2720	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{129}{544}$	$\Phi_{2720}\ \Phi_{1360}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
122459	1660	98	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{15}{98}$	$\frac{23}{98}$	$\Phi_{98}^{16}\ \Phi_{49}^{18}\ \Phi_{14}^{16}\ \Phi_7^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
122460	1660	108	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{25}{108}$	$\Phi_{108}^{20}\ \Phi_{54}^8\ \Phi_{36}^{20}\ \Phi_{27}^{12}\ \Phi_{18}^{11}\ \Phi_{12}^{20}\ \Phi_9^{14}\ \Phi_6^{10}\ \Phi_4^{20}\ \Phi_3^{13}\ \Phi_2^{10}\ \Phi_1^{14}$
122461	1660	539	$\frac{43}{539}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{124}{539}$	$\Phi_{539}^3\ \Phi_{77}^3\ \Phi_{49}^4\ \Phi_{11}^3\ \Phi_7^3\ \Phi_1^4$
122462	1660	90	$\frac{7}{90}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{2}{9}$	$\Phi_{90}^{20}\ \Phi_{45}^{20}\ \Phi_{30}^{20}\ \Phi_{18}^{11}\ \Phi_{15}^{20}\ \Phi_{10}^{20}\ \Phi_9^{14}\ \Phi_6^{10}\ \Phi_5^{20}\ \Phi_3^{13}\ \Phi_2^{10}\ \Phi_1^{14}$
122463	1660	105	$\frac{1}{21}$	$\frac{17}{105}$	$\frac{4}{21}$	$\frac{22}{105}$	$\Phi_{105}^{15}\ \Phi_{35}^{15}\ \Phi_{21}^{19}\ \Phi_{15}^{15}\ \Phi_7^{19}\ \Phi_5^{15}\ \Phi_3^{19}\ \Phi_1^{20}$
122464	1660	520	$\frac{1}{26}$	$\frac{5}{26}$	$\frac{1}{5}$	$\frac{21}{104}$	$\Phi_{520}^5\ \Phi_{260}^5\ \Phi_{130}\ \Phi_{65}\ \Phi_{40}^5\ \Phi_{20}^5\ \Phi_{10}$
122465	1660	480	$\frac{1}{16}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{5}$	$\Phi_{480}^5\ \Phi_{240}^5\ \Phi_{160}^5\ \Phi_{120}^5\ \Phi_{80}\ \Phi_{60}^5\ \Phi_{40}\ \Phi_{30}^5\ \Phi_{20}\ \Phi_{15}^5\ \Phi_{10}$
122466	1660	98	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{15}{98}$	$\frac{9}{49}$	$\Phi_{98}^{20}\ \Phi_{49}^{14}\ \Phi_{14}^{20}\ \Phi_7^{13}\ \Phi_2^{20}\ \Phi_1^{14}$
122467	1660	810	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{73}{405}$	$\Phi_{810}^3\ \Phi_{405}^2\ \Phi_{270}^3\ \Phi_{135}^2\ \Phi_{90}^3\ \Phi_{45}^2\ \Phi_{30}^3\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
122468	1660	378	$\frac{1}{9}$	$\frac{23}{189}$	$\frac{4}{27}$	$\frac{1}{6}$	$\Phi_{378}^6\ \Phi_{189}^4\ \Phi_{126}^6\ \Phi_{63}^4\ \Phi_{42}^6\ \Phi_{21}^4\ \Phi_{18}^3\ \Phi_{14}^6\ \Phi_9^2\ \Phi_7^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
122469	1661	2656	$\frac{1}{332}$	$\frac{333}{1328}$	$\frac{995}{2656}$	$\frac{331}{664}$	$\Phi_{2656}\ \Phi_{664}\ \Phi_{32}\ \Phi_8\ \Phi_1$
122470	1661	3312	$\frac{5}{1656}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1651}{3312}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
122471	1661	300	$\frac{1}{150}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{149}{300}$	$\Phi_{300}\ \Phi_{150}^{10}\ \Phi_{100}\ \Phi_{75}^{10}\ \Phi_{60}\ \Phi_{50}^{10}\ \Phi_{30}^{10}\ \Phi_{25}^{10}\ \Phi_{20}^2\ \Phi_{15}^{10}\ \Phi_{12}\ \Phi_{10}^{10}\ \Phi_6^{10}\ \Phi_5^{10}\ \Phi_4^2\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
122472	1661	300	$\frac{1}{150}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{149}{300}$	$\Phi_{300}^{11}\ \Phi_{100}^{11}\ \Phi_{60}^{11}\ \Phi_{20}^{11}\ \Phi_{15}\ \Phi_{12}^{11}\ \Phi_4^{11}\ \Phi_3\ \Phi_1$
122473	1661	2220	$\frac{4}{555}$	$\frac{1}{5}$	$\frac{559}{2220}$	$\frac{551}{1110}$	$\Phi_{2220}\ \Phi_{740}\ \Phi_{555}\ \Phi_{444}\ \Phi_{185}\ \Phi_{148}\ \Phi_{111}\ \Phi_{60}\ \Phi_{37}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
122474	1661	3296	$\frac{13}{1648}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1635}{3296}$	$\Phi_{3296}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
122475	1661	3280	$\frac{21}{1640}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{1619}{3280}$	$\Phi_{3280}\ \Phi_{656}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_8\ \Phi_1$
122476	1661	3264	$\frac{29}{1632}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1603}{3264}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{192}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
122477	1661	888	$\frac{3}{148}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{145}{296}$	$\Phi_{888}^4\ \Phi_{296}^3\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
122478	1661	1850	$\frac{4}{185}$	$\frac{189}{1850}$	$\frac{1}{5}$	$\frac{181}{370}$	$\Phi_{1850}\ \Phi_{925}\ \Phi_{185}\ \Phi_{50}\ \Phi_{37}\ \Phi_{25}\ \Phi_1$
122479	1661	1792	$\frac{3}{128}$	$\frac{131}{1792}$	$\frac{1}{4}$	$\frac{125}{256}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
122480	1661	3240	$\frac{41}{1620}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{1579}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
122481	1661	3240	$\frac{41}{1620}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1579}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
122482	1661	3224	$\frac{49}{1612}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{1563}{3224}$	$\Phi_{3224}\ \Phi_{248}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
122483	1661	2240	$\frac{19}{560}$	$\frac{1}{20}$	$\frac{579}{2240}$	$\frac{541}{1120}$	$\Phi_{2240}\ \Phi_{560}\ \Phi_{448}\ \Phi_{320}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{64}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
122484	1661	3200	$\frac{61}{1600}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{1539}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
122485	1661	3200	$\frac{61}{1600}$	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{1539}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
122486	1661	288	$\frac{7}{144}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{137}{288}$	$\Phi_{288}^{11}\ \Phi_{96}^{11}\ \Phi_{32}^{11}\ \Phi_{24}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
122487	1661	3120	$\frac{3}{104}$	$\frac{101}{1560}$	$\frac{1}{4}$	$\frac{1459}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{104}\ \Phi_{80}\ \Phi_{52}\ \Phi_{48}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
122488	1661	3120	$\frac{1}{20}$	$\frac{101}{1560}$	$\frac{19}{120}$	$\frac{1459}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
122489	1661	280	$\frac{1}{20}$	$\frac{11}{140}$	$\frac{19}{140}$	$\frac{129}{280}$	$\Phi_{280}^{11}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}^{11}\ \Phi_{40}^{11}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}^{11}\ \Phi_{7}\ \Phi_{1}$
122490	1661	1920	$\frac{1}{20}$	$\frac{19}{240}$	$\frac{259}{1920}$	$\frac{221}{480}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
122491	1661	3072	$\frac{3}{128}$	$\frac{125}{1536}$	$\frac{1}{4}$	$\frac{1411}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
122492	1661	1710	$\frac{49}{1710}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{342}\ \Phi_{285}\ \Phi_{190}\ \Phi_{171}\ \Phi_{114}\ \Phi_{95}\ \Phi_{57}\ \Phi_{45}\ \Phi_{38}\ \Phi_{19}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
122493	1661	3060	$\frac{2}{153}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{204}\ \Phi_{180}\ \Phi_{153}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{20}\ \Phi_{17}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
122494	1661	900	$\frac{1}{75}$	$\frac{1}{10}$	$\frac{74}{225}$	$\frac{9}{20}$	$\Phi_{900}^{5}\ \Phi_{225}\ \Phi_{180}^{5}\ \Phi_{45}\ \Phi_{36}^{5}\ \Phi_{20}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
122495	1661	200	$\frac{1}{50}$	$\frac{1}{10}$	$\frac{49}{200}$	$\frac{9}{20}$	$\Phi_{200}^{11}\ \Phi_{100}\ \Phi_{50}^{10}\ \Phi_{40}^{11}\ \Phi_{25}^{10}\ \Phi_{20}^{2}\ \Phi_{10}^{10}\ \Phi_{8}^{11}\ \Phi_{5}^{10}\ \Phi_{4}^{2}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
122496	1661	620	$\frac{4}{155}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{620}^{5}\ \Phi_{155}\ \Phi_{124}^{5}\ \Phi_{31}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
122497	1661	780	$\frac{5}{156}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}^{2}\ \Phi_{156}^{3}\ \Phi_{130}^{2}\ \Phi_{78}^{3}\ \Phi_{65}^{2}\ \Phi_{52}^{3}\ \Phi_{39}^{3}\ \Phi_{30}^{2}\ \Phi_{26}^{3}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{13}^{3}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
122498	1661	180	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{29}{180}$	$\frac{9}{20}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{60}\ \Phi_{45}^{11}\ \Phi_{36}^{11}\ \Phi_{30}^{10}\ \Phi_{20}^{2}\ \Phi_{18}^{11}\ \Phi_{15}^{10}\ \Phi_{12}\ \Phi_{10}^{10}\ \Phi_{9}^{11}\ \Phi_{6}^{10}\ \Phi_{5}^{10}\ \Phi_{4}^{2}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
122499	1661	700	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{24}{175}$	$\frac{9}{20}$	$\Phi_{700}^{5}\ \Phi_{175}\ \Phi_{140}^{5}\ \Phi_{35}\ \Phi_{28}^{5}\ \Phi_{20}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
122500	1661	160	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{160}^{11}\ \Phi_{80}^{11}\ \Phi_{40}^{11}\ \Phi_{32}^{11}\ \Phi_{20}^{2}\ \Phi_{16}^{11}\ \Phi_{10}^{10}\ \Phi_{8}^{11}\ \Phi_{5}^{10}\ \Phi_{4}^{2}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
122501	1661	660	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{660}^{5}\ \Phi_{220}^{5}\ \Phi_{165}\ \Phi_{132}^{5}\ \Phi_{55}\ \Phi_{44}^{5}\ \Phi_{33}\ \Phi_{20}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
122502	1661	2988	$\frac{1}{83}$	$\frac{167}{1494}$	$\frac{82}{249}$	$\frac{1327}{2988}$	$\Phi_{2988}\ \Phi_{996}\ \Phi_{332}\ \Phi_{249}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
122503	1661	2960	$\frac{4}{185}$	$\frac{181}{1480}$	$\frac{1}{5}$	$\frac{1299}{2960}$	$\Phi_{2960}\ \Phi_{592}\ \Phi_{185}\ \Phi_{80}\ \Phi_{37}\ \Phi_{16}\ \Phi_{1}$
122504	1661	480	$\frac{9}{160}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{3}\ \Phi_{120}^{4}\ \Phi_{96}^{4}\ \Phi_{80}^{3}\ \Phi_{60}^{4}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
122505	1661	1596	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{18}{133}$	$\frac{115}{266}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{228}^{2}\ \Phi_{133}\ \Phi_{114}^{2}\ \Phi_{84}\ \Phi_{76}^{2}\ \Phi_{57}^{2}\ \Phi_{42}\ \Phi_{38}\ \Phi_{28}\ \Phi_{21}\ \Phi_{19}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
122506	1661	2912	$\frac{3}{208}$	$\frac{205}{1456}$	$\frac{1}{4}$	$\frac{1251}{2912}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{224}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
122507	1661	2324	$\frac{1}{83}$	$\frac{82}{581}$	$\frac{663}{2324}$	$\frac{499}{1162}$	$\Phi_{2324}\ \Phi_{581}\ \Phi_{332}\ \Phi_{28}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
122508	1661	2880	$\frac{1}{20}$	$\frac{19}{240}$	$\frac{221}{1440}$	$\frac{1219}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
122509	1661	2800	$\frac{1}{20}$	$\frac{19}{280}$	$\frac{261}{1400}$	$\frac{1139}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
122510	1661	1368	$\frac{1}{152}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1368}\ \Phi_{684}\ \Phi_{456}^{2}\ \Phi_{342}\ \Phi_{228}^{2}\ \Phi_{171}\ \Phi_{152}\ \Phi_{114}^{2}\ \Phi_{76}\ \Phi_{72}\ \Phi_{57}^{2}\ \Phi_{38}\ \Phi_{36}\ \Phi_{24}^{2}\ \Phi_{19}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
122511	1661	160	$\frac{1}{20}$	$\frac{9}{160}$	$\frac{19}{80}$	$\frac{61}{160}$	$\Phi_{160}^{10}\ \Phi_{80}^{11}\ \Phi_{40}^{11}\ \Phi_{32}^{10}\ \Phi_{20}^{10}\ \Phi_{16}^{11}\ \Phi_{10}^{10}\ \Phi_{8}^{11}\ \Phi_{5}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
122512	1661	304	$\frac{1}{152}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{304}^{8}\ \Phi_{152}^{3}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{19}^{3}\ \Phi_{16}^{7}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
122513	1661	2208	$\frac{5}{552}$	$\frac{547}{2208}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{368}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
122514	1661	1680	$\frac{19}{1680}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
122515	1661	1840	$\frac{5}{184}$	$\frac{179}{1840}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{368}\ \Phi_{230}\ \Phi_{115}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
122516	1661	1728	$\frac{67}{1728}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_8\ \Phi_1$
122517	1661	1680	$\frac{19}{1680}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_3\ \Phi_1$
122518	1661	2520	$\frac{19}{420}$	$\frac{1}{20}$	$\frac{401}{1260}$	$\frac{859}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{72}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
122519	1661	228	$\frac{1}{38}$	$\frac{1}{12}$	$\frac{37}{114}$	$\frac{77}{228}$	$\Phi_{228}^7\ \Phi_{114}^8\ \Phi_{76}^7\ \Phi_{57}^8\ \Phi_{38}^7\ \Phi_{19}^7\ \Phi_{12}^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
122520	1661	1992	$\frac{1}{83}$	$\frac{331}{1992}$	$\frac{82}{249}$	$\frac{167}{498}$	$\Phi_{1992}\ \Phi_{996}\ \Phi_{664}\ \Phi_{332}\ \Phi_{249}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
122521	1661	2496	$\frac{3}{416}$	$\frac{1}{4}$	$\frac{413}{1248}$	$\frac{835}{2496}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{192}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_1$
122522	1661	765	$\frac{2}{153}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^3\ \Phi_{85}^2\ \Phi_{51}^3\ \Phi_{45}^2\ \Phi_{17}^3\ \Phi_{15}\ \Phi_9^3\ \Phi_3\ \Phi_1$
122523	1661	2241	$\frac{1}{83}$	$\frac{167}{747}$	$\frac{580}{2241}$	$\frac{82}{249}$	$\Phi_{2241}\ \Phi_{249}\ \Phi_{27}\ \Phi_3\ \Phi_1$
122524	1661	225	$\frac{1}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{74}{225}$	$\Phi_{225}^{11}\ \Phi_{45}^{11}\ \Phi_{15}\ \Phi_9^{11}\ \Phi_3\ \Phi_1$
122525	1661	1920	$\frac{3}{128}$	$\frac{259}{1920}$	$\frac{1}{4}$	$\frac{125}{384}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
122526	1661	1872	$\frac{3}{104}$	$\frac{211}{1872}$	$\frac{1}{4}$	$\frac{101}{312}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{16}\ \Phi_{13}\ \Phi_9\ \Phi_8\ \Phi_1$
122527	1661	2160	$\frac{1}{20}$	$\frac{41}{540}$	$\frac{499}{2160}$	$\frac{19}{60}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
122528	1661	1800	$\frac{1}{20}$	$\frac{139}{1800}$	$\frac{41}{180}$	$\frac{19}{60}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
122529	1661	2430	$\frac{41}{810}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{769}{2430}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{486}\ \Phi_{243}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
122530	1661	2400	$\frac{1}{20}$	$\frac{61}{800}$	$\frac{19}{80}$	$\frac{739}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
122531	1661	2160	$\frac{1}{20}$	$\frac{19}{240}$	$\frac{499}{2160}$	$\frac{221}{720}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{60}\ \Phi_{54}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
122532	1661	1755	$\frac{94}{1755}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{135}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_9\ \Phi_3\ \Phi_1$
122533	1661	1728	$\frac{67}{1728}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
122534	1661	216	$\frac{1}{12}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{216}$	$\Phi_{216}^{11}\ \Phi_{108}^{11}\ \Phi_{54}^{11}\ \Phi_{27}^{11}\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
122535	1661	160	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{160}^{11}\ \Phi_{80}^{11}\ \Phi_{40}^8\ \Phi_{32}^{11}\ \Phi_{20}^8\ \Phi_{16}^{11}\ \Phi_{10}^{10}\ \Phi_8^8\ \Phi_5^{10}\ \Phi_4^8\ \Phi_2^{10}\ \Phi_1^{11}$
122536	1661	168	$\frac{1}{12}$	$\frac{17}{168}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{168}^{11}\ \Phi_{84}^{11}\ \Phi_{56}^{11}\ \Phi_{42}^{11}\ \Phi_{28}^{11}\ \Phi_{24}^4\ \Phi_{21}^{11}\ \Phi_{14}^{11}\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^{11}\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
122537	1661	2304	$\frac{3}{128}$	$\frac{125}{768}$	$\frac{1}{4}$	$\frac{643}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
122538	1661	600	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{49}{200}$	$\frac{4}{15}$	$\Phi_{600}^5\ \Phi_{300}^5\ \Phi_{200}\ \Phi_{120}^5\ \Phi_{100}\ \Phi_{60}^5\ \Phi_{40}\ \Phi_{24}^5\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^5\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
122539	1661	465	$\frac{4}{155}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{465}^5\ \Phi_{155}\ \Phi_{93}^5\ \Phi_{31}\ \Phi_{15}\ \Phi_3\ \Phi_1$
122540	1661	780	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^3\ \Phi_{130}^2\ \Phi_{78}^3\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{26}^3\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
122541	1661	180	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{60}^{11}\ \Phi_{45}^{11}\ \Phi_{36}^{11}\ \Phi_{20}^{11}\ \Phi_{18}^{11}\ \Phi_{15}\ \Phi_{12}^{11}\ \Phi_9^{11}\ \Phi_4^{11}\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
122542	1661	1725	$\frac{64}{1725}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{345}\ \Phi_{115}\ \Phi_{69}\ \Phi_{23}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
122543	1661	525	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{525}^{5}\ \Phi_{175}\ \Phi_{105}^{5}\ \Phi_{35}\ \Phi_{21}^{5}\ \Phi_{15}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
122544	1661	480	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{480}^{5}\ \Phi_{240}^{5}\ \Phi_{160}\ \Phi_{120}^{5}\ \Phi_{96}^{5}\ \Phi_{80}\ \Phi_{60}^{5}\ \Phi_{48}^{5}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}^{5}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}^{5}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
122545	1661	165	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{165}^{11}\ \Phi_{55}^{11}\ \Phi_{33}^{11}\ \Phi_{15}\ \Phi_{11}^{11}\ \Phi_{3}\ \Phi_{1}$
122546	1661	1800	$\frac{11}{150}$	$\frac{139}{1800}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
122547	1661	2220	$\frac{4}{185}$	$\frac{1}{5}$	$\frac{181}{740}$	$\frac{559}{2220}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{555}\ \Phi_{444}\ \Phi_{222}\ \Phi_{185}\ \Phi_{111}\ \Phi_{60}\ \Phi_{37}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
122548	1661	2048	$\frac{3}{128}$	$\frac{387}{2048}$	$\frac{125}{512}$	$\frac{1}{4}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
122549	1661	2176	$\frac{29}{544}$	$\frac{3}{32}$	$\frac{515}{2176}$	$\frac{1}{4}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
122550	1661	2080	$\frac{3}{104}$	$\frac{101}{520}$	$\frac{419}{2080}$	$\frac{1}{4}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{416}\ \Phi_{208}\ \Phi_{160}\ \Phi_{104}\ \Phi_{80}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
122551	1661	1920	$\frac{3}{64}$	$\frac{259}{1920}$	$\frac{61}{320}$	$\frac{1}{4}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
122552	1661	1920	$\frac{1}{20}$	$\frac{259}{1920}$	$\frac{61}{320}$	$\frac{19}{80}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
122553	1661	2000	$\frac{1}{20}$	$\frac{61}{400}$	$\frac{339}{2000}$	$\frac{19}{80}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
122554	1661	2160	$\frac{41}{540}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{499}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
122555	1661	1800	$\frac{139}{1800}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{180}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
122556	1661	192	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{192}$	$\Phi_{192}^{11}\ \Phi_{96}^{11}\ \Phi_{64}^{11}\ \Phi_{32}^{11}\ \Phi_{24}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
122557	1661	2025	$\frac{4}{45}$	$\frac{41}{405}$	$\frac{364}{2025}$	$\frac{1}{5}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{225}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
122558	1661	1890	$\frac{4}{45}$	$\frac{229}{1890}$	$\frac{41}{270}$	$\frac{1}{5}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{210}\ \Phi_{189}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
122559	1662	2760	$\frac{1}{276}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{275}{552}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}^{2}\ \Phi_{184}^{2}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
122560	1662	552	$\frac{1}{276}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{275}{552}$	$\Phi_{552}^{6}\ \Phi_{184}^{6}\ \Phi_{24}^{6}\ \Phi_{12}\ \Phi_{8}^{6}\ \Phi_{6}$
122561	1662	740	$\frac{1}{185}$	$\frac{1}{4}$	$\frac{93}{370}$	$\frac{92}{185}$	$\Phi_{740}^{3}\ \Phi_{370}\ \Phi_{185}^{2}\ \Phi_{148}^{3}\ \Phi_{74}\ \Phi_{37}^{2}\ \Phi_{20}^{3}\ \Phi_{10}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
122562	1662	1510	$\frac{1}{151}$	$\frac{76}{755}$	$\frac{679}{1510}$	$\frac{75}{151}$	$\Phi_{1510}^{2}\ \Phi_{302}^{2}\ \Phi_{151}\ \Phi_{10}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
122563	1662	550	$\frac{2}{275}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{273}{550}$	$\Phi_{550}^{6}\ \Phi_{110}^{6}\ \Phi_{50}^{6}\ \Phi_{22}^{6}\ \Phi_{11}\ \Phi_{10}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
122564	1662	1100	$\frac{2}{275}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{273}{550}$	$\Phi_{1100}^{2}\ \Phi_{275}^{2}\ \Phi_{220}^{2}\ \Phi_{100}^{2}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{25}^{2}\ \Phi_{20}^{3}\ \Phi_{11}^{2}\ \Phi_{10}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
122565	1662	4944	$\frac{7}{824}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{817}{1648}$	$\Phi_{4944}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
122566	1662	1332	$\frac{1}{111}$	$\frac{56}{333}$	$\frac{1}{4}$	$\frac{55}{111}$	$\Phi_{1332}^{2}\ \Phi_{666}^{2}\ \Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{74}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{6}$
122567	1662	546	$\frac{4}{273}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{269}{546}$	$\Phi_{546}^{6}\ \Phi_{182}^{6}\ \Phi_{78}^{6}\ \Phi_{42}^{6}\ \Phi_{39}\ \Phi_{26}^{6}\ \Phi_{14}^{6}\ \Phi_{6}^{6}\ \Phi_{2}^{6}$
122568	1662	2688	$\frac{1}{64}$	$\frac{65}{896}$	$\frac{1}{3}$	$\frac{63}{128}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
122569	1662	1632	$\frac{5}{272}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{267}{544}$	$\Phi_{1632}^{3}\ \Phi_{96}^{3}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
122570	1662	1628	$\frac{17}{814}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{797}{1628}$	$\Phi_{1628}^{2}\ \Phi_{148}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
122571	1662	540	$\frac{7}{270}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{263}{540}$	$\Phi_{540}^{2}\ \Phi_{270}^{4}\ \Phi_{180}^{2}\ \Phi_{135}^{4}\ \Phi_{108}^{2}\ \Phi_{90}^{4}\ \Phi_{60}^{3}\ \Phi_{54}^{4}\ \Phi_{45}^{4}\ \Phi_{36}^{2}\ \Phi_{30}^{5}\ \Phi_{27}^{4}\ \Phi_{20}^{3}\ \Phi_{18}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{5}\ \Phi_{9}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{4}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
122572	1662	296	$\frac{1}{37}$	$\frac{19}{296}$	$\frac{1}{4}$	$\frac{18}{37}$	$\Phi_{296}^{6}\ \Phi_{148}^{5}\ \Phi_{74}^{5}\ \Phi_{37}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
122573	1662	4836	$\frac{25}{806}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{781}{1612}$	$\Phi_{4836}\ \Phi_{372}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_{6}$
122574	1662	4800	$\frac{1}{32}$	$\frac{31}{800}$	$\frac{1}{3}$	$\frac{769}{1600}$	$\Phi_{4800}\ \Phi_{960}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
122575	1662	528	$\frac{13}{264}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{251}{528}$	$\Phi_{528}^{6}\ \Phi_{176}^{6}\ \Phi_{48}^{6}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{16}^{6}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
122576	1662	1560	$\frac{1}{52}$	$\frac{17}{260}$	$\frac{1}{3}$	$\frac{243}{520}$	$\Phi_{1560}^3\ \Phi_{312}^3\ \Phi_{156}\ \Phi_{120}^3\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
122577	1662	1140	$\frac{8}{285}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{228}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{60}\ \Phi_{38}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
122578	1662	1036	$\frac{1}{37}$	$\frac{18}{259}$	$\frac{1}{4}$	$\frac{241}{518}$	$\Phi_{1036}^2\ \Phi_{259}^2\ \Phi_{148}^3\ \Phi_{74}\ \Phi_{37}^2\ \Phi_{28}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
122579	1662	1536	$\frac{1}{64}$	$\frac{21}{256}$	$\frac{1}{3}$	$\frac{235}{512}$	$\Phi_{1536}^3\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
122580	1662	1100	$\frac{6}{275}$	$\frac{1}{11}$	$\frac{269}{1100}$	$\frac{5}{11}$	$\Phi_{1100}^2\ \Phi_{550}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
122581	1662	286	$\frac{9}{286}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{286}^6\ \Phi_{143}^6\ \Phi_{26}^6\ \Phi_{22}^6\ \Phi_{13}^6\ \Phi_{11}\ \Phi_2^6\ \Phi_1^2$
122582	1662	330	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{53}{330}$	$\frac{5}{11}$	$\Phi_{330}^6\ \Phi_{165}^6\ \Phi_{110}^6\ \Phi_{66}^6\ \Phi_{33}^6\ \Phi_{30}^6\ \Phi_{22}^6\ \Phi_{15}^6\ \Phi_{11}\ \Phi_{10}^6\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^2$
122583	1662	880	$\frac{49}{880}$	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{5}{11}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{176}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{80}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
122584	1662	880	$\frac{49}{880}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{88}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{176}^2\ \Phi_{110}^2\ \Phi_{80}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
122585	1662	1463	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{199}{1463}$	$\frac{632}{1463}$	$\Phi_{1463}\ \Phi_{209}^2\ \Phi_{133}\ \Phi_{77}\ \Phi_{19}^2\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
122586	1662	4368	$\frac{1}{104}$	$\frac{103}{728}$	$\frac{1}{3}$	$\frac{625}{1456}$	$\Phi_{4368}\ \Phi_{624}\ \Phi_{336}\ \Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
122587	1662	1395	$\frac{2}{279}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}^2\ \Phi_{155}\ \Phi_{93}^2\ \Phi_{45}\ \Phi_{31}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
122588	1662	2070	$\frac{1}{138}$	$\frac{1}{5}$	$\frac{137}{414}$	$\frac{2}{5}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{414}^2\ \Phi_{207}^2\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
122589	1662	280	$\frac{3}{280}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{56}^6\ \Phi_{40}^6\ \Phi_{35}^6\ \Phi_{28}^6\ \Phi_{20}^5\ \Phi_{14}^6\ \Phi_{10}^5\ \Phi_8^6\ \Phi_7^6\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
122590	1662	1840	$\frac{1}{92}$	$\frac{1}{5}$	$\frac{91}{368}$	$\frac{2}{5}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{368}^2\ \Phi_{184}^2\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
122591	1662	345	$\frac{1}{69}$	$\frac{68}{345}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{345}^5\ \Phi_{115}^5\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_{15}^5\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
122592	1662	1410	$\frac{5}{282}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{470}\ \Phi_{282}^2\ \Phi_{235}\ \Phi_{141}^2\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_5\ \Phi_1^2$
122593	1662	1610	$\frac{1}{46}$	$\frac{45}{322}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
122594	1662	1440	$\frac{11}{288}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}^2\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}^2\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
122595	1662	1495	$\frac{1}{23}$	$\frac{22}{299}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1495}\ \Phi_{299}^2\ \Phi_{65}\ \Phi_{13}^2\ \Phi_5\ \Phi_1^2$
122596	1662	453	$\frac{1}{151}$	$\frac{101}{453}$	$\frac{50}{151}$	$\frac{176}{453}$	$\Phi_{453}^3\ \Phi_{151}^5\ \Phi_3^3\ \Phi_1^6$
122597	1662	444	$\frac{1}{111}$	$\frac{55}{222}$	$\frac{1}{4}$	$\frac{167}{444}$	$\Phi_{444}^3\ \Phi_{222}^5\ \Phi_{148}^3\ \Phi_{111}^4\ \Phi_{74}^5\ \Phi_{37}^4\ \Phi_{12}^3\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
122598	1662	1208	$\frac{1}{151}$	$\frac{75}{302}$	$\frac{377}{1208}$	$\frac{227}{604}$	$\Phi_{1208}^2\ \Phi_{302}^2\ \Phi_{151}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
122599	1662	302	$\frac{4}{151}$	$\frac{25}{302}$	$\frac{49}{151}$	$\frac{51}{151}$	$\Phi_{302}^6\ \Phi_{151}^5\ \Phi_2^6\ \Phi_1^6$
122600	1662	418	$\frac{5}{209}$	$\frac{1}{11}$	$\frac{68}{209}$	$\frac{141}{418}$	$\Phi_{418}^6\ \Phi_{209}^2\ \Phi_{38}^6\ \Phi_{22}^6\ \Phi_{19}^2\ \Phi_{11}\ \Phi_2^6\ \Phi_1^2$
122601	1662	1248	$\frac{1}{208}$	$\frac{69}{208}$	$\frac{1}{3}$	$\frac{139}{416}$	$\Phi_{1248}^3\ \Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{96}^3\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
122602	1662	1116	$\frac{2}{279}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{372}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
122603	1662	828	$\frac{1}{138}$	$\frac{1}{4}$	$\frac{137}{414}$	$\frac{1}{3}$	$\Phi_{828}^4\ \Phi_{414}^2\ \Phi_{207}^2\ \Phi_{36}^4\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
122604	1662	960	$\frac{1}{64}$	$\frac{43}{320}$	$\frac{21}{64}$	$\frac{1}{3}$	$\Phi_{960}^3\ \Phi_{480}^3\ \Phi_{240}^3\ \Phi_{192}\ \Phi_{120}^3\ \Phi_{96}\ \Phi_{60}^3\ \Phi_{48}\ \Phi_{30}^3\ \Phi_{24}\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
122605	1662	312	$\frac{1}{52}$	$\frac{35}{312}$	$\frac{17}{52}$	$\frac{1}{3}$	$\Phi_{312}^6\ \Phi_{156}^4\ \Phi_{104}^6\ \Phi_{78}^4\ \Phi_{52}^6\ \Phi_{39}^4\ \Phi_{26}^6\ \Phi_{24}^6\ \Phi_{13}^6\ \Phi_{12}^4\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
122606	1662	288	$\frac{11}{288}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{288}^6\ \Phi_{144}^6\ \Phi_{96}^6\ \Phi_{72}^6\ \Phi_{48}^4\ \Phi_{36}^6\ \Phi_{32}^6\ \Phi_{24}^4\ \Phi_{18}^6\ \Phi_{16}^6\ \Phi_{12}^4\ \Phi_9^6\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
122607	1662	858	$\frac{9}{286}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{858}^3\ \Phi_{429}^3\ \Phi_{78}^3\ \Phi_{66}^3\ \Phi_{39}\ \Phi_{33}^3\ \Phi_6^3$
122608	1662	384	$\frac{1}{64}$	$\frac{21}{128}$	$\frac{107}{384}$	$\frac{1}{3}$	$\Phi_{384}^3\ \Phi_{192}^4\ \Phi_{128}^6\ \Phi_{96}^4\ \Phi_{64}^6\ \Phi_{48}^4\ \Phi_{32}^6\ \Phi_{24}^4\ \Phi_{16}^6\ \Phi_{12}^4\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
122609	1662	840	$\frac{3}{280}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
122610	1662	1104	$\frac{1}{92}$	$\frac{91}{368}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1104}^3\ \Phi_{552}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
122611	1662	1380	$\frac{1}{69}$	$\frac{68}{345}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1380}^2\ \Phi_{690}^2\ \Phi_{460}^2\ \Phi_{230}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
122612	1662	564	$\frac{5}{282}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{564}^4\ \Phi_{282}^2\ \Phi_{188}^4\ \Phi_{141}^2\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{12}\ \Phi_6$
122613	1662	1932	$\frac{1}{46}$	$\frac{45}{322}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1932}^2\ \Phi_{966}\ \Phi_{483}\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
122614	1662	2484	$\frac{2}{69}$	$\frac{67}{621}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{828}\ \Phi_{414}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
122615	1662	2760	$\frac{3}{92}$	$\frac{89}{920}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
122616	1662	288	$\frac{11}{288}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{288}^6\ \Phi_{144}^6\ \Phi_{96}^6\ \Phi_{72}^6\ \Phi_{48}^6\ \Phi_{36}^6\ \Phi_{32}^6\ \Phi_{24}^6\ \Phi_{18}^6\ \Phi_{16}^6\ \Phi_{12}\ \Phi_9^6\ \Phi_8^6\ \Phi_6$
122617	1662	3588	$\frac{1}{23}$	$\frac{22}{299}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3588}\ \Phi_{1794}\ \Phi_{156}\ \Phi_{78}\ \Phi_{12}\ \Phi_6$
122618	1662	3072	$\frac{1}{64}$	$\frac{193}{1024}$	$\frac{63}{256}$	$\frac{1}{3}$	$\Phi_{3072}\ \Phi_{1536}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
122619	1662	1092	$\frac{4}{91}$	$\frac{1}{13}$	$\frac{87}{364}$	$\frac{1}{3}$	$\Phi_{1092}^3\ \Phi_{546}^3\ \Phi_{156}^3\ \Phi_{84}^3\ \Phi_{78}^3\ \Phi_{42}^3\ \Phi_{39}\ \Phi_{12}^3\ \Phi_6^3$
122620	1662	3264	$\frac{15}{272}$	$\frac{1}{16}$	$\frac{257}{1088}$	$\frac{1}{3}$	$\Phi_{3264}\ \Phi_{1632}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
122621	1662	3120	$\frac{1}{52}$	$\frac{51}{260}$	$\frac{209}{1040}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{624}\ \Phi_{312}\ \Phi_{240}\ \Phi_{156}\ \Phi_{120}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
122622	1662	960	$\frac{1}{32}$	$\frac{43}{320}$	$\frac{31}{160}$	$\frac{1}{3}$	$\Phi_{960}^3\ \Phi_{480}^2\ \Phi_{240}^2\ \Phi_{192}^3\ \Phi_{120}^2\ \Phi_{96}^3\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
122623	1662	2730	$\frac{1}{13}$	$\frac{79}{910}$	$\frac{12}{91}$	$\frac{1}{3}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{210}\ \Phi_{195}\ \Phi_{105}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
122624	1662	312	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{35}{312}$	$\frac{1}{3}$	$\Phi_{312}^6\ \Phi_{156}^6\ \Phi_{104}^6\ \Phi_{78}^6\ \Phi_{52}^6\ \Phi_{39}\ \Phi_{26}^6\ \Phi_{24}^6\ \Phi_{12}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_2^6$
122625	1662	3300	$\frac{4}{275}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{271}{825}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{660}\ \Phi_{330}\ \Phi_{300}\ \Phi_{150}\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
122626	1662	1620	$\frac{7}{135}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{128}{405}$	$\Phi_{1620}^2\ \Phi_{810}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
122627	1662	2340	$\frac{31}{585}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{468}\ \Phi_{390}\ \Phi_{260}\ \Phi_{234}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}\ \Phi_{30}\ \Phi_{26}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
122628	1662	396	$\frac{1}{11}$	$\frac{13}{132}$	$\frac{5}{44}$	$\frac{119}{396}$	$\Phi_{396}^6\ \Phi_{198}^6\ \Phi_{99}^6\ \Phi_{44}^2\ \Phi_{36}^6\ \Phi_{22}^2\ \Phi_{18}^6\ \Phi_{11}\ \Phi_9^6\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
122629	1662	308	$\frac{1}{11}$	$\frac{31}{308}$	$\frac{5}{44}$	$\frac{13}{44}$	$\Phi_{308}^6\ \Phi_{154}^6\ \Phi_{77}^6\ \Phi_{44}^2\ \Phi_{28}^6\ \Phi_{22}^2\ \Phi_{14}^6\ \Phi_{11}\ \Phi_7^6\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
122630	1662	3108	$\frac{1}{37}$	$\frac{36}{259}$	$\frac{1}{4}$	$\frac{223}{777}$	$\Phi_{3108}\ \Phi_{1554}\ \Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{84}\ \Phi_{74}\ \Phi_{42}\ \Phi_{12}\ \Phi_6$
122631	1662	300	$\frac{1}{15}$	$\frac{23}{300}$	$\frac{7}{30}$	$\frac{1}{4}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^6\ \Phi_{75}^6\ \Phi_{60}^3\ \Phi_{50}^6\ \Phi_{30}^5\ \Phi_{25}^6\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^5\ \Phi_6^5\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
122632	1662	360	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{83}{360}$	$\frac{1}{4}$	$\Phi_{360}^6\ \Phi_{180}^2\ \Phi_{120}^6\ \Phi_{90}^4\ \Phi_{72}^6\ \Phi_{60}^3\ \Phi_{45}^4\ \Phi_{40}^6\ \Phi_{36}^2\ \Phi_{30}^5\ \Phi_{24}^6\ \Phi_{20}^3\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^5\ \Phi_9^4\ \Phi_8^6\ \Phi_6^5\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
122633	1662	660	$\frac{2}{55}$	$\frac{53}{330}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{660}^4\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^4\ \Phi_{66}^2\ \Phi_{60}^4\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
122634	1662	2300	$\frac{21}{575}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2300}\ \Phi_{1150}\ \Phi_{460}\ \Phi_{230}\ \Phi_{92}\ \Phi_{46}\ \Phi_{20}\ \Phi_{10}$
122635	1662	2420	$\frac{4}{55}$	$\frac{51}{605}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2420}\ \Phi_{1210}\ \Phi_{484}\ \Phi_{242}\ \Phi_{20}\ \Phi_{10}$
122636	1662	300	$\frac{23}{300}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^4\ \Phi_{75}^6\ \Phi_{60}^6\ \Phi_{50}^4\ \Phi_{30}^6\ \Phi_{25}^6\ \Phi_{20}^5\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_6^6\ \Phi_5^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
122637	1662	2700	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{121}{675}$	$\frac{1}{4}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
122638	1662	1260	$\frac{1}{15}$	$\frac{38}{315}$	$\frac{7}{45}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
122639	1662	352	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{13}{88}$	$\frac{75}{352}$	$\Phi_{352}^6\ \Phi_{176}^6\ \Phi_{44}^2\ \Phi_{32}^6\ \Phi_{22}^2\ \Phi_{16}^6\ \Phi_{11}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
122640	1663	2220	$\frac{2}{555}$	$\frac{557}{2220}$	$\frac{1}{3}$	$\frac{553}{1110}$	$\Phi_{2220}\ \Phi_{740}\ \Phi_{555}\ \Phi_{444}\ \Phi_{185}\ \Phi_{148}\ \Phi_{111}\ \Phi_{60}\ \Phi_{37}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
122641	1663	3312	$\frac{7}{1656}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1649}{3312}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
122642	1663	3312	$\frac{7}{1656}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1649}{3312}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_9\ \Phi_1$
122643	1663	1998	$\frac{2}{333}$	$\frac{335}{1998}$	$\frac{1}{3}$	$\frac{331}{666}$	$\Phi_{1998}\ \Phi_{999}\ \Phi_{333}\ \Phi_{111}\ \Phi_{54}\ \Phi_{37}\ \Phi_{27}\ \Phi_9\ \Phi_1$
122644	1663	3300	$\frac{13}{1650}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1637}{3300}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{300}\ \Phi_{220}\ \Phi_{132}\ \Phi_{100}\ \Phi_{60}\ \Phi_{44}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
122645	1663	1776	$\frac{2}{111}$	$\frac{113}{1776}$	$\frac{1}{3}$	$\frac{109}{222}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{592}\ \Phi_{444}\ \Phi_{296}\ \Phi_{148}\ \Phi_{111}\ \Phi_{48}\ \Phi_{37}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
122646	1663	3240	$\frac{43}{1620}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{1577}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
122647	1663	1710	$\frac{47}{1710}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{342}\ \Phi_{285}\ \Phi_{190}\ \Phi_{171}\ \Phi_{114}\ \Phi_{95}\ \Phi_{57}\ \Phi_{45}\ \Phi_{38}\ \Phi_{19}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
122648	1663	3108	$\frac{2}{111}$	$\frac{109}{1554}$	$\frac{1}{3}$	$\frac{1445}{3108}$	$\Phi_{3108}\ \Phi_{1036}\ \Phi_{444}\ \Phi_{148}\ \Phi_{111}\ \Phi_{84}\ \Phi_{37}\ \Phi_{28}\ \Phi_{12}\ \Phi_4\ \Phi_1$
122649	1663	1680	$\frac{17}{1680}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
122650	1663	2484	$\frac{7}{828}$	$\frac{1}{6}$	$\frac{821}{2484}$	$\frac{5}{12}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{621}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
122651	1663	1680	$\frac{17}{1680}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
122652	1663	2208	$\frac{7}{552}$	$\frac{1}{6}$	$\frac{545}{2208}$	$\frac{5}{12}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{368}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
122653	1663	1692	$\frac{29}{1692}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{564}\ \Phi_{423}\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{94}\ \Phi_{47}\ \Phi_{12}\ \Phi_4\ \Phi_1$
122654	1663	1932	$\frac{7}{276}$	$\frac{269}{1932}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{161}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
122655	1663	1728	$\frac{65}{1728}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
122656	1663	1674	$\frac{11}{1674}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1674}\ \Phi_{837}\ \Phi_{558}\ \Phi_{279}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}\ \Phi_{54}\ \Phi_{31}\ \Phi_{27}\ \Phi_9\ \Phi_1$
122657	1663	2664	$\frac{2}{333}$	$\frac{331}{1332}$	$\frac{1}{3}$	$\frac{1001}{2664}$	$\Phi_{2664}\ \Phi_{888}\ \Phi_{333}\ \Phi_{296}\ \Phi_{111}\ \Phi_{72}\ \Phi_{37}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
122658	1663	2484	$\frac{7}{828}$	$\frac{2}{9}$	$\frac{821}{2484}$	$\frac{1}{3}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{621}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
122659	1663	2475	$\frac{13}{825}$	$\frac{2}{15}$	$\frac{812}{2475}$	$\frac{1}{3}$	$\Phi_{2475}\ \Phi_{495}\ \Phi_{225}\ \Phi_{99}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
122660	1663	1755	$\frac{2}{45}$	$\frac{92}{1755}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_9\ \Phi_5\ \Phi_1$
122661	1663	2430	$\frac{2}{45}$	$\frac{43}{810}$	$\frac{767}{2430}$	$\frac{1}{3}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{486}\ \Phi_{243}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
122662	1663	2331	$\frac{2}{111}$	$\frac{109}{777}$	$\frac{668}{2331}$	$\frac{1}{3}$	$\Phi_{2331}\ \Phi_{333}\ \Phi_{111}\ \Phi_{63}\ \Phi_{37}\ \Phi_9\ \Phi_1$
122663	1663	1800	$\frac{2}{45}$	$\frac{137}{1800}$	$\frac{43}{180}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
122664	1663	2160	$\frac{2}{45}$	$\frac{43}{540}$	$\frac{497}{2160}$	$\frac{1}{3}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
122665	1663	2070	$\frac{7}{414}$	$\frac{407}{2070}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{115}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
122666	1663	1692	$\frac{29}{1692}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{564}\ \Phi_{423}\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{94}\ \Phi_{47}\ \Phi_9\ \Phi_1$
122667	1663	1863	$\frac{7}{207}$	$\frac{200}{1863}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1863}\ \Phi_{621}\ \Phi_{81}\ \Phi_{27}\ \Phi_9\ \Phi_1$
122668	1663	1728	$\frac{65}{1728}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_9\ \Phi_1$
122669	1663	2025	$\frac{2}{45}$	$\frac{43}{405}$	$\frac{362}{2025}$	$\frac{1}{3}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{225}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
122670	1663	1725	$\frac{62}{1725}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{345}\ \Phi_{115}\ \Phi_{69}\ \Phi_{23}\ \Phi_{15}\ \Phi_5\ \Phi_1$
122671	1663	1980	$\frac{13}{330}$	$\frac{2}{15}$	$\frac{317}{1980}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{132}\ \Phi_{99}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
122672	1663	1890	$\frac{2}{45}$	$\frac{227}{1890}$	$\frac{43}{270}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{210}\ \Phi_{189}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
122673	1663	1800	$\frac{137}{1800}$	$\frac{13}{150}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
122674	1663	1815	$\frac{13}{165}$	$\frac{152}{1815}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{363}\ \Phi_{121}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
122675	1664	1245	$\frac{1}{415}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{207}{415}$	$\Phi_{1245}\ \Phi_{415}^2\ \Phi_{249}\ \Phi_{83}^2\ \Phi_{15}\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
122676	1664	1663	$\frac{5}{1663}$	$\frac{417}{1663}$	$\frac{623}{1663}$	$\frac{829}{1663}$	$\Phi_{1663}\ \Phi_{1}^2$
122677	1664	2499	$\frac{3}{833}$	$\frac{209}{833}$	$\frac{1}{3}$	$\frac{415}{833}$	$\Phi_{2499}\ \Phi_{357}\ \Phi_{147}\ \Phi_{51}\ \Phi_{21}$
122678	1664	1449	$\frac{1}{207}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{103}{207}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}^2\ \Phi_{161}\ \Phi_{69}^2\ \Phi_{63}\ \Phi_{23}^2\ \Phi_{21}\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
122679	1664	1035	$\frac{1}{207}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{103}{207}$	$\Phi_{1035}^2\ \Phi_{345}^2\ \Phi_{115}^2\ \Phi_{45}^2\ \Phi_{15}^3\ \Phi_{5}^2$
122680	1664	1663	$\frac{9}{1663}$	$\frac{209}{1663}$	$\frac{727}{1663}$	$\frac{827}{1663}$	$\Phi_{1663}\ \Phi_{1}^2$
122681	1664	695	$\frac{1}{139}$	$\frac{1}{5}$	$\frac{35}{139}$	$\frac{69}{139}$	$\Phi_{695}^3\ \Phi_{5}^2$
122682	1664	1239	$\frac{3}{413}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{205}{413}$	$\Phi_{1239}^2\ \Phi_{177}^2\ \Phi_{21}^3\ \Phi_{3}^2$
122683	1664	1663	$\frac{13}{1663}$	$\frac{311}{1663}$	$\frac{419}{1663}$	$\frac{825}{1663}$	$\Phi_{1663}\ \Phi_{1}^2$
122684	1664	3048	$\frac{1}{127}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{63}{127}$	$\Phi_{3048}\ \Phi_{1016}\ \Phi_{127}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{1}^2$
122685	1664	1905	$\frac{1}{127}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{63}{127}$	$\Phi_{1905}\ \Phi_{635}\ \Phi_{127}\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{1}^2$
122686	1664	2286	$\frac{1}{127}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{63}{127}$	$\Phi_{2286}\ \Phi_{1143}\ \Phi_{127}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{1}^2$
122687	1664	2032	$\frac{1}{127}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{63}{127}$	$\Phi_{2032}\ \Phi_{1016}\ \Phi_{127}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
122688	1664	357	$\frac{1}{119}$	$\frac{15}{119}$	$\frac{1}{3}$	$\frac{59}{119}$	$\Phi_{357}^7\ \Phi_{51}^7\ \Phi_{21}^7\ \Phi_{3}^6$
122689	1664	1545	$\frac{1}{103}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{51}{103}$	$\Phi_{1545}\ \Phi_{515}\ \Phi_{309}\ \Phi_{103}^2\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
122690	1664	927	$\frac{1}{103}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{51}{103}$	$\Phi_{927}^2\ \Phi_{309}\ \Phi_{103}^2\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^4$
122691	1664	515	$\frac{1}{103}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{51}{103}$	$\Phi_{515}^3\ \Phi_{103}^4\ \Phi_{5}^6\ \Phi_{1}^8$
122692	1664	1663	$\frac{17}{1663}$	$\frac{105}{1663}$	$\frac{779}{1663}$	$\frac{823}{1663}$	$\Phi_{1663}\ \Phi_{1}^2$
122693	1664	1881	$\frac{3}{209}$	$\frac{1}{9}$	$\frac{53}{209}$	$\frac{103}{209}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{171}\ \Phi_{99}\ \Phi_{57}\ \Phi_{33}$
122694	1664	1663	$\frac{25}{1663}$	$\frac{211}{1663}$	$\frac{363}{1663}$	$\frac{819}{1663}$	$\Phi_{1663}\ \Phi_{1}^2$
122695	1664	1575	$\frac{1}{63}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{31}{63}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}\ \Phi_{25}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
122696	1664	126	$\frac{1}{63}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{31}{63}$	$\Phi_{126}^{14}\ \Phi_{63}^{12}\ \Phi_{42}^{15}\ \Phi_{21}^{13}\ \Phi_{18}^{14}\ \Phi_{14}^{14}\ \Phi_{9}^{12}\ \Phi_{7}^{12}\ \Phi_{6}^{15}\ \Phi_{3}^{12}\ \Phi_{2}^{14}\ \Phi_{1}^{12}$
122697	1664	315	$\frac{1}{63}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{31}{63}$	$\Phi_{315}^5\ \Phi_{105}^5\ \Phi_{63}^6\ \Phi_{45}^5\ \Phi_{35}^5\ \Phi_{21}^6\ \Phi_{15}^7\ \Phi_{9}^6\ \Phi_{7}^6\ \Phi_{5}^6\ \Phi_{3}^8\ \Phi_{1}^8$
122698	1664	1663	$\frac{27}{1663}$	$\frac{65}{1663}$	$\frac{799}{1663}$	$\frac{818}{1663}$	$\Phi_{1663}\ \Phi_{1}^2$
122699	1664	2085	$\frac{7}{417}$	$\frac{53}{417}$	$\frac{1}{5}$	$\frac{205}{417}$	$\Phi_{2085}\ \Phi_{695}\ \Phi_{15}$
122700	1664	1663	$\frac{29}{1663}$	$\frac{155}{1663}$	$\frac{423}{1663}$	$\frac{817}{1663}$	$\Phi_{1663}\ \Phi_{1}^2$
122701	1664	2499	$\frac{15}{833}$	$\frac{53}{833}$	$\frac{1}{3}$	$\frac{409}{833}$	$\Phi_{2499}\ \Phi_{357}\ \Phi_{147}\ \Phi_{51}\ \Phi_{21}$
122702	1664	1581	$\frac{1}{51}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{25}{51}$	$\Phi_{1581}\ \Phi_{527}\ \Phi_{93}\ \Phi_{51}^2\ \Phi_{31}^2\ \Phi_{17}^2\ \Phi_{3}^2\ \Phi_{1}^4$
122703	1664	51	$\frac{1}{51}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{51}^{33}\ \Phi_{17}^{32}\ \Phi_{3}^{32}\ \Phi_{1}^{32}$
122704	1664	1581	$\frac{1}{51}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{25}{51}$	$\Phi_{1581}\ \Phi_{527}\ \Phi_{93}\ \Phi_{51}^2\ \Phi_{31}^2\ \Phi_{17}^2\ \Phi_{3}^2\ \Phi_{1}^4$
122705	1664	765	$\frac{1}{51}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{25}{51}$	$\Phi_{765}^3\ \Phi_{255}^2\ \Phi_{85}^2\ \Phi_{45}^4\ \Phi_{15}^3\ \Phi_{5}^2$
122706	1664	1663	$\frac{33}{1663}$	$\frac{53}{1663}$	$\frac{805}{1663}$	$\frac{815}{1663}$	$\Phi_{1663}\ \Phi_{1}^2$
122707	1664	441	$\frac{1}{49}$	$\frac{25}{441}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{441}^4\ \Phi_{147}^3\ \Phi_{63}^4\ \Phi_{49}^4\ \Phi_{21}^3\ \Phi_{9}^4\ \Phi_{7}^4\ \Phi_{3}^2\ \Phi_{1}^4$
122708	1664	602	$\frac{1}{43}$	$\frac{1}{14}$	$\frac{11}{43}$	$\frac{21}{43}$	$\Phi_{602}^3\ \Phi_{301}^3\ \Phi_{86}^3\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{2}^2$
122709	1664	595	$\frac{1}{35}$	$\frac{1}{17}$	$\frac{9}{35}$	$\frac{17}{35}$	$\Phi_{595}^3\ \Phi_{119}^3\ \Phi_{85}^3\ \Phi_{17}^2$
122710	1664	1663	$\frac{49}{1663}$	$\frac{95}{1663}$	$\frac{428}{1663}$	$\frac{807}{1663}$	$\Phi_{1663}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
122711	1664	1663	$\frac{49}{1663}$	$\frac{107}{1663}$	$\frac{389}{1663}$	$\frac{807}{1663}$	$\Phi_{1663}\ \Phi_1^2$
122712	1664	2499	$\frac{25}{833}$	$\frac{33}{833}$	$\frac{1}{3}$	$\frac{404}{833}$	$\Phi_{2499}\ \Phi_{357}\ \Phi_{147}\ \Phi_{51}\ \Phi_{21}$
122713	1664	837	$\frac{1}{31}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{837}^2\ \Phi_{279}^2\ \Phi_{93}\ \Phi_{31}^2\ \Phi_{27}^4\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
122714	1664	527	$\frac{1}{31}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{15}{31}$	$\Phi_{527}^3\ \Phi_{31}^4\ \Phi_{17}^6\ \Phi_1^8$
122715	1664	2170	$\frac{1}{31}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{15}{31}$	$\Phi_{2170}\ \Phi_{1085}\ \Phi_{310}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{10}^2$
122716	1664	1881	$\frac{7}{209}$	$\frac{1}{9}$	$\frac{27}{209}$	$\frac{101}{209}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{171}\ \Phi_{99}\ \Phi_{57}\ \Phi_{33}$
122717	1664	1663	$\frac{57}{1663}$	$\frac{181}{1663}$	$\frac{215}{1663}$	$\frac{803}{1663}$	$\Phi_{1663}\ \Phi_1^2$
122718	1664	695	$\frac{5}{139}$	$\frac{9}{139}$	$\frac{1}{5}$	$\frac{67}{139}$	$\Phi_{695}^3\ \Phi_5^2$
122719	1664	1663	$\frac{61}{1663}$	$\frac{77}{1663}$	$\frac{431}{1663}$	$\frac{801}{1663}$	$\Phi_{1663}\ \Phi_1^2$
122720	1664	2499	$\frac{27}{833}$	$\frac{31}{833}$	$\frac{1}{3}$	$\frac{401}{833}$	$\Phi_{2499}\ \Phi_{357}\ \Phi_{147}\ \Phi_{51}\ \Phi_{21}$
122721	1664	825	$\frac{1}{33}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}^2\ \Phi_{75}\ \Phi_{55}^2\ \Phi_{33}^4\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{11}^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
122722	1664	525	$\frac{1}{25}$	$\frac{1}{21}$	$\frac{5}{21}$	$\frac{12}{25}$	$\Phi_{525}^3\ \Phi_{175}^3\ \Phi_{105}^3\ \Phi_{75}^3\ \Phi_{35}^3\ \Phi_{25}^4\ \Phi_{21}^6\ \Phi_{15}^3\ \Phi_7^6\ \Phi_5^4\ \Phi_3^6\ \Phi_1^8$
122723	1664	425	$\frac{1}{25}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{425}^4\ \Phi_{85}^5\ \Phi_{17}^4$
122724	1664	175	$\frac{1}{25}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{12}{25}$	$\Phi_{175}^9\ \Phi_{35}^{11}\ \Phi_{25}^{10}\ \Phi_7^{10}\ \Phi_5^{12}\ \Phi_1^{12}$
122725	1664	225	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{12}{25}$	$\Phi_{225}^7\ \Phi_{75}^7\ \Phi_{45}^7\ \Phi_{25}^8\ \Phi_{15}^7\ \Phi_9^{14}\ \Phi_5^8\ \Phi_3^{14}\ \Phi_1^{16}$
122726	1664	1755	$\frac{1}{27}$	$\frac{3}{65}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}\ \Phi_{117}\ \Phi_{45}\ \Phi_{39}\ \Phi_{15}$
122727	1664	1663	$\frac{67}{1663}$	$\frac{79}{1663}$	$\frac{399}{1663}$	$\frac{792}{1663}$	$\Phi_{1663}\ \Phi_1^2$
122728	1664	1071	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{11}{63}$	$\frac{10}{21}$	$\Phi_{1071}^2\ \Phi_{357}\ \Phi_{153}^2\ \Phi_{119}\ \Phi_{51}$
122729	1664	99	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{47}{99}$	$\Phi_{99}^{17}\ \Phi_{33}^{17}\ \Phi_{11}^{16}\ \Phi_9^{16}\ \Phi_3^{16}\ \Phi_1^{16}$
122730	1664	171	$\frac{1}{19}$	$\frac{5}{57}$	$\frac{1}{9}$	$\frac{9}{19}$	$\Phi_{171}^{11}\ \Phi_{57}^7\ \Phi_{19}^8\ \Phi_9^{10}\ \Phi_3^6\ \Phi_1^8$
122731	1664	1806	$\frac{7}{129}$	$\frac{1}{14}$	$\frac{17}{129}$	$\frac{61}{129}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{602}\ \Phi_{301}\ \Phi_{258}\ \Phi_{86}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
122732	1664	1749	$\frac{1}{33}$	$\frac{3}{53}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{1749}\ \Phi_{583}\ \Phi_{159}$
122733	1664	1663	$\frac{55}{1663}$	$\frac{97}{1663}$	$\frac{402}{1663}$	$\frac{783}{1663}$	$\Phi_{1663}\ \Phi_1^2$
122734	1664	1663	$\frac{97}{1663}$	$\frac{111}{1663}$	$\frac{220}{1663}$	$\frac{783}{1663}$	$\Phi_{1663}\ \Phi_1^2$
122735	1664	1275	$\frac{9}{425}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{1275}^2\ \Phi_{255}^2\ \Phi_{75}^2\ \Phi_{51}\ \Phi_{15}^2$
122736	1664	2085	$\frac{17}{417}$	$\frac{25}{417}$	$\frac{1}{5}$	$\frac{196}{417}$	$\Phi_{2085}\ \Phi_{695}\ \Phi_{15}$
122737	1664	1663	$\frac{47}{1663}$	$\frac{101}{1663}$	$\frac{441}{1663}$	$\frac{781}{1663}$	$\Phi_{1663}\ \Phi_1^2$
122738	1664	147	$\frac{1}{49}$	$\frac{3}{49}$	$\frac{1}{3}$	$\frac{23}{49}$	$\Phi_{147}^{17}\ \Phi_{21}^{17}\ \Phi_3^{16}$
122739	1664	833	$\frac{1}{17}$	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{23}{49}$	$\Phi_{833}^2\ \Phi_{119}^3\ \Phi_{17}^2$
122740	1664	795	$\frac{1}{53}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{795}^2\ \Phi_{265}^2\ \Phi_{159}^3\ \Phi_{53}^2$
122741	1664	1545	$\frac{3}{103}$	$\frac{1}{15}$	$\frac{25}{103}$	$\frac{7}{15}$	$\Phi_{1545}\ \Phi_{515}\ \Phi_{309}\ \Phi_{103}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
122742	1664	135	$\frac{1}{27}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{135}^{13}\ \Phi_{45}^{13}\ \Phi_{27}^{12}\ \Phi_{15}^9\ \Phi_9^{12}\ \Phi_5^8\ \Phi_3^8\ \Phi_1^8$
122743	1664	255	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{7}{15}$	$\Phi_{255}^7\ \Phi_{85}^7\ \Phi_{51}^7\ \Phi_{17}^6$
122744	1664	1545	$\frac{1}{15}$	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{7}{15}$	$\Phi_{1545}\ \Phi_{515}\ \Phi_{309}\ \Phi_{103}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
122745	1664	630	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{7}{15}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^2\ \Phi_{126}^4\ \Phi_{105}^2\ \Phi_{90}^3\ \Phi_{70}^2\ \Phi_{63}^4\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^3\ \Phi_2^2$
122746	1664	1663	$\frac{111}{1663}$	$\frac{113}{1663}$	$\frac{194}{1663}$	$\frac{775}{1663}$	$\Phi_{1663}\ \Phi_1^2$
122747	1664	1881	$\frac{14}{209}$	$\frac{15}{209}$	$\frac{1}{9}$	$\frac{97}{209}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{171}\ \Phi_{99}\ \Phi_{57}\ \Phi_{33}$
122748	1664	1663	$\frac{90}{1663}$	$\frac{121}{1663}$	$\frac{223}{1663}$	$\frac{771}{1663}$	$\Phi_{1663}\ \Phi_1^2$
122749	1664	2085	$\frac{14}{417}$	$\frac{31}{417}$	$\frac{1}{5}$	$\frac{193}{417}$	$\Phi_{2085}\ \Phi_{695}\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
122750	1664	1663	$\frac{38}{1663}$	$\frac{125}{1663}$	$\frac{447}{1663}$	$\frac{769}{1663}$	$\Phi_{1663}\ \Phi_1^2$
122751	1664	357	$\frac{2}{119}$	$\frac{9}{119}$	$\frac{1}{3}$	$\frac{55}{119}$	$\Phi_{357}^7\ \Phi_{51}^7\ \Phi_{21}^7\ \Phi_3^6$
122752	1664	351	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{351}^5\ \Phi_{117}^5\ \Phi_{39}^3\ \Phi_{27}^4\ \Phi_{13}^4\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
122753	1664	1560	$\frac{1}{65}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}^2\ \Phi_{195}\ \Phi_{120}^2\ \Phi_{104}^2\ \Phi_{40}^2\ \Phi_{39}\ \Phi_{15}$
122754	1664	3048	$\frac{3}{127}$	$\frac{1}{12}$	$\frac{31}{127}$	$\frac{11}{24}$	$\Phi_{3048}\ \Phi_{1016}\ \Phi_{127}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
122755	1664	1320	$\frac{1}{33}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{1320}^3\ \Phi_{440}^3\ \Phi_{165}\ \Phi_{120}^2\ \Phi_{55}\ \Phi_{40}^2\ \Phi_{15}$
122756	1664	3048	$\frac{7}{127}$	$\frac{1}{12}$	$\frac{15}{127}$	$\frac{11}{24}$	$\Phi_{3048}\ \Phi_{1016}\ \Phi_{127}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
122757	1664	1224	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{24}$	$\Phi_{1224}^3\ \Phi_{408}^2\ \Phi_{153}\ \Phi_{136}^2\ \Phi_{51}$
122758	1664	583	$\frac{1}{53}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{583}^3\ \Phi_{53}^2$
122759	1664	495	$\frac{3}{55}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{11}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^3\ \Phi_{45}^4\ \Phi_{33}^3\ \Phi_{15}^4\ \Phi_9^2\ \Phi_3^2$
122760	1664	1663	$\frac{35}{1663}$	$\frac{157}{1663}$	$\frac{407}{1663}$	$\frac{753}{1663}$	$\Phi_{1663}\ \Phi_1^2$
122761	1664	855	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{1}{9}$	$\frac{43}{95}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{171}^3\ \Phi_{57}^3\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_3^2$
122762	1664	1755	$\frac{1}{27}$	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{29}{65}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}\ \Phi_{117}\ \Phi_{45}\ \Phi_{39}\ \Phi_{15}$
122763	1664	1663	$\frac{71}{1663}$	$\frac{183}{1663}$	$\frac{199}{1663}$	$\frac{740}{1663}$	$\Phi_{1663}\ \Phi_1^2$
122764	1664	1170	$\frac{1}{65}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{1170}^2\ \Phi_{585}\ \Phi_{390}^2\ \Phi_{234}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{117}\ \Phi_{90}^2\ \Phi_{78}^2\ \Phi_{45}\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{15}\ \Phi_{10}^2$
122765	1664	1663	$\frac{116}{1663}$	$\frac{119}{1663}$	$\frac{193}{1663}$	$\frac{735}{1663}$	$\Phi_{1663}\ \Phi_1^2$
122766	1664	602	$\frac{3}{43}$	$\frac{1}{14}$	$\frac{5}{43}$	$\frac{19}{43}$	$\Phi_{602}^3\ \Phi_{301}^3\ \Phi_{86}^3\ \Phi_{14}^2\ \Phi_7^2\ \Phi_2^2$
122767	1664	1881	$\frac{9}{209}$	$\frac{1}{9}$	$\frac{25}{209}$	$\frac{92}{209}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{171}\ \Phi_{99}\ \Phi_{57}\ \Phi_{33}$
122768	1664	1663	$\frac{55}{1663}$	$\frac{201}{1663}$	$\frac{233}{1663}$	$\frac{731}{1663}$	$\Phi_{1663}\ \Phi_1^2$
122769	1664	695	$\frac{3}{139}$	$\frac{17}{139}$	$\frac{1}{5}$	$\frac{61}{139}$	$\Phi_{695}^3\ \Phi_5^2$
122770	1664	1663	$\frac{23}{1663}$	$\frac{205}{1663}$	$\frac{467}{1663}$	$\frac{729}{1663}$	$\Phi_{1663}\ \Phi_1^2$
122771	1664	2499	$\frac{9}{833}$	$\frac{103}{833}$	$\frac{1}{3}$	$\frac{365}{833}$	$\Phi_{2499}\ \Phi_{357}\ \Phi_{147}\ \Phi_{51}\ \Phi_{21}$
122772	1664	105	$\frac{1}{105}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{105}^{16}\ \Phi_{35}^{16}\ \Phi_{21}^{15}\ \Phi_{15}^{16}\ \Phi_7^{16}\ \Phi_5^{16}\ \Phi_3^{14}\ \Phi_1^{16}$
122773	1664	483	$\frac{1}{69}$	$\frac{1}{7}$	$\frac{17}{69}$	$\frac{3}{7}$	$\Phi_{483}^3\ \Phi_{161}^3\ \Phi_{69}^6\ \Phi_{23}^6\ \Phi_{21}^3\ \Phi_7^4\ \Phi_3^6\ \Phi_1^8$
122774	1664	1855	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1855}\ \Phi_{265}^2$
122775	1664	1449	$\frac{7}{207}$	$\frac{25}{207}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1449}\ \Phi_{483}\ \Phi_{207}^2\ \Phi_{161}\ \Phi_{69}^2\ \Phi_{63}\ \Phi_{23}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
122776	1664	189	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{189}^8\ \Phi_{63}^7\ \Phi_{27}^{16}\ \Phi_{21}^7\ \Phi_9^{14}\ \Phi_7^8\ \Phi_3^{14}\ \Phi_1^{16}$
122777	1664	805	$\frac{1}{23}$	$\frac{11}{115}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{805}^2\ \Phi_{161}\ \Phi_{115}^4\ \Phi_{35}^2\ \Phi_{23}^2\ \Phi_7^2\ \Phi_5^4\ \Phi_1^4$
122778	1664	483	$\frac{4}{69}$	$\frac{5}{69}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{483}^3\ \Phi_{161}^3\ \Phi_{69}^6\ \Phi_{23}^6\ \Phi_{21}^3\ \Phi_7^4\ \Phi_3^6\ \Phi_1^8$
122779	1664	238	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{238}^8\ \Phi_{119}^7\ \Phi_{34}^8\ \Phi_{17}^6$
122780	1664	765	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{19}{45}$	$\Phi_{765}^2\ \Phi_{255}^3\ \Phi_{153}^2\ \Phi_{85}^3\ \Phi_{51}^3\ \Phi_{17}^2$
122781	1664	357	$\frac{1}{119}$	$\frac{59}{357}$	$\frac{1}{3}$	$\frac{149}{357}$	$\Phi_{357}^5\ \Phi_{119}^4\ \Phi_{51}^5\ \Phi_{21}^5\ \Phi_{17}^4\ \Phi_7^4\ \Phi_3^4\ \Phi_1^4$
122782	1664	1785	$\frac{1}{105}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{85}\ \Phi_{51}$
122783	1664	1663	$\frac{19}{1663}$	$\frac{313}{1663}$	$\frac{411}{1663}$	$\frac{675}{1663}$	$\Phi_{1663}\ \Phi_1^2$
122784	1664	945	$\frac{1}{27}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{21}^2\ \Phi_{15}$
122785	1664	935	$\frac{3}{55}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{935}^2\ \Phi_{187}^2\ \Phi_{85}$
122786	1664	1749	$\frac{1}{53}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{1749}\ \Phi_{583}\ \Phi_{159}$
122787	1664	1663	$\frac{39}{1663}$	$\frac{203}{1663}$	$\frac{365}{1663}$	$\frac{649}{1663}$	$\Phi_{1663}\ \Phi_1^2$
122788	1664	351	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{351}^5\ \Phi_{117}^5\ \Phi_{39}^5\ \Phi_{27}^4\ \Phi_9^4\ \Phi_3^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
122789	1664	1663	$\frac{64}{1663}$	$\frac{123}{1663}$	$\frac{385}{1663}$	$\frac{639}{1663}$	$\Phi_{1663}\ \Phi_{1}^{2}$
122790	1664	1663	$\frac{79}{1663}$	$\frac{99}{1663}$	$\frac{391}{1663}$	$\frac{636}{1663}$	$\Phi_{1663}\ \Phi_{1}^{2}$
122791	1664	357	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{5}{21}$	$\frac{8}{21}$	$\Phi_{357}^{5}\ \Phi_{119}^{5}\ \Phi_{51}^{5}\ \Phi_{17}^{4}$
122792	1664	1806	$\frac{5}{129}$	$\frac{1}{14}$	$\frac{31}{129}$	$\frac{49}{129}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{602}\ \Phi_{301}\ \Phi_{258}\ \Phi_{86}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
122793	1664	1663	$\frac{59}{1663}$	$\frac{129}{1663}$	$\frac{401}{1663}$	$\frac{631}{1663}$	$\Phi_{1663}\ \Phi_{1}^{2}$
122794	1664	1881	$\frac{5}{209}$	$\frac{1}{9}$	$\frac{51}{209}$	$\frac{79}{209}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{171}\ \Phi_{99}\ \Phi_{57}\ \Phi_{33}$
122795	1664	1663	$\frac{27}{1663}$	$\frac{259}{1663}$	$\frac{409}{1663}$	$\frac{627}{1663}$	$\Phi_{1663}\ \Phi_{1}^{2}$
122796	1664	2085	$\frac{5}{417}$	$\frac{1}{5}$	$\frac{103}{417}$	$\frac{157}{417}$	$\Phi_{2085}\ \Phi_{695}\ \Phi_{15}$
122797	1664	1663	$\frac{11}{1663}$	$\frac{413}{1663}$	$\frac{519}{1663}$	$\frac{625}{1663}$	$\Phi_{1663}\ \Phi_{1}^{2}$
122798	1664	2499	$\frac{5}{833}$	$\frac{207}{833}$	$\frac{1}{3}$	$\frac{313}{833}$	$\Phi_{2499}\ \Phi_{357}\ \Phi_{147}\ \Phi_{51}\ \Phi_{21}$
122799	1664	627	$\frac{1}{209}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{627}^{3}\ \Phi_{209}^{2}\ \Phi_{57}^{3}\ \Phi_{33}^{3}\ \Phi_{19}^{2}\ \Phi_{11}^{2}$
122800	1664	1245	$\frac{3}{415}$	$\frac{103}{415}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1245}\ \Phi_{415}^{2}\ \Phi_{249}\ \Phi_{83}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
122801	1664	105	$\frac{1}{105}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^{16}\ \Phi_{35}^{16}\ \Phi_{21}^{16}\ \Phi_{15}^{15}\ \Phi_{7}^{16}\ \Phi_{5}^{14}\ \Phi_{3}^{16}\ \Phi_{1}^{16}$
122802	1664	249	$\frac{1}{83}$	$\frac{41}{249}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{249}^{7}\ \Phi_{83}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
122803	1664	195	$\frac{1}{65}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^{9}\ \Phi_{65}^{8}\ \Phi_{39}^{9}\ \Phi_{15}^{7}\ \Phi_{13}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
122804	1664	1245	$\frac{7}{415}$	$\frac{51}{415}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1245}\ \Phi_{415}^{2}\ \Phi_{249}\ \Phi_{83}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
122805	1664	477	$\frac{1}{53}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{477}^{4}\ \Phi_{159}^{3}\ \Phi_{53}^{2}$
122806	1664	1245	$\frac{12}{415}$	$\frac{31}{415}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1245}\ \Phi_{415}^{2}\ \Phi_{249}\ \Phi_{83}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
122807	1664	462	$\frac{1}{33}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{462}^{4}\ \Phi_{231}^{4}\ \Phi_{154}^{4}\ \Phi_{77}^{4}\ \Phi_{66}^{4}\ \Phi_{42}^{3}\ \Phi_{22}^{4}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
122808	1664	249	$\frac{3}{83}$	$\frac{5}{83}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{249}^{5}\ \Phi_{83}^{10}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
122809	1664	459	$\frac{1}{27}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{459}^{4}\ \Phi_{153}^{4}\ \Phi_{51}^{3}\ \Phi_{17}^{2}$
122810	1664	1071	$\frac{1}{119}$	$\frac{239}{1071}$	$\frac{118}{357}$	$\frac{1}{3}$	$\Phi_{1071}^{2}\ \Phi_{357}\ \Phi_{153}^{2}\ \Phi_{63}^{2}\ \Phi_{51}\ \Phi_{21}\ \Phi_{9}^{2}$
122811	1664	3105	$\frac{2}{207}$	$\frac{1}{5}$	$\frac{205}{621}$	$\frac{1}{3}$	$\Phi_{3105}\ \Phi_{135}\ \Phi_{15}$
122812	1664	1239	$\frac{6}{413}$	$\frac{1}{7}$	$\frac{407}{1239}$	$\frac{1}{3}$	$\Phi_{1239}\ \Phi_{413}^{2}\ \Phi_{177}\ \Phi_{59}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
122813	1664	378	$\frac{2}{63}$	$\frac{1}{14}$	$\frac{61}{189}$	$\frac{1}{3}$	$\Phi_{378}^{7}\ \Phi_{189}^{6}\ \Phi_{54}^{7}\ \Phi_{42}\ \Phi_{27}^{6}\ \Phi_{21}\ \Phi_{6}$
122814	1664	153	$\frac{2}{51}$	$\frac{1}{17}$	$\frac{49}{153}$	$\frac{1}{3}$	$\Phi_{153}^{16}\ \Phi_{51}\ \Phi_{9}^{16}$
122815	1664	867	$\frac{35}{867}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{867}^{2}\ \Phi_{289}^{2}\ \Phi_{51}$
122816	1664	147	$\frac{1}{49}$	$\frac{6}{49}$	$\frac{43}{147}$	$\frac{1}{3}$	$\Phi_{147}^{9}\ \Phi_{49}^{16}\ \Phi_{21}^{9}\ \Phi_{7}^{16}\ \Phi_{3}^{8}\ \Phi_{1}^{16}$
122817	1664	2385	$\frac{1}{53}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{2385}\ \Phi_{477}\ \Phi_{159}$
122818	1664	1170	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{1170}^{2}\ \Phi_{585}^{2}\ \Phi_{234}^{2}\ \Phi_{195}\ \Phi_{117}^{2}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{39}\ \Phi_{15}$
122819	1664	3120	$\frac{1}{65}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{624}\ \Phi_{312}\ \Phi_{240}\ \Phi_{195}\ \Phi_{120}\ \Phi_{39}\ \Phi_{15}$
122820	1664	345	$\frac{1}{69}$	$\frac{1}{5}$	$\frac{17}{69}$	$\frac{1}{3}$	$\Phi_{345}^{6}\ \Phi_{115}^{6}\ \Phi_{15}^{7}\ \Phi_{5}^{6}$
122821	1664	2499	$\frac{13}{833}$	$\frac{157}{833}$	$\frac{205}{833}$	$\frac{1}{3}$	$\Phi_{2499}\ \Phi_{357}\ \Phi_{147}\ \Phi_{51}\ \Phi_{21}$
122822	1664	735	$\frac{1}{49}$	$\frac{37}{245}$	$\frac{12}{49}$	$\frac{1}{3}$	$\Phi_{735}^{4}\ \Phi_{147}\ \Phi_{105}^{4}\ \Phi_{21}\ \Phi_{15}^{4}$
122823	1664	1905	$\frac{3}{127}$	$\frac{2}{15}$	$\frac{31}{127}$	$\frac{1}{3}$	$\Phi_{1905}\ \Phi_{635}\ \Phi_{127}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
122824	1664	927	$\frac{3}{103}$	$\frac{1}{9}$	$\frac{25}{103}$	$\frac{1}{3}$	$\Phi_{927}^{2}\ \Phi_{309}\ \Phi_{103}^{2}\ \Phi_{9}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
122825	1664	2499	$\frac{29}{833}$	$\frac{79}{833}$	$\frac{201}{833}$	$\frac{1}{3}$	$\Phi_{2499}\ \Phi_{357}\ \Phi_{147}\ \Phi_{51}\ \Phi_{21}$
122826	1664	42	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{5}{21}$	$\frac{1}{3}$	$\Phi_{42}^{43}\ \Phi_{21}^{37}\ \Phi_{14}^{42}\ \Phi_{7}^{36}\ \Phi_{6}^{43}\ \Phi_{3}^{36}\ \Phi_{2}^{42}\ \Phi_{1}^{36}$
122827	1664	51	$\frac{1}{17}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{51}^{49}\ \Phi_{3}^{48}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
122828	1664	2499	$\frac{40}{833}$	$\frac{61}{833}$	$\frac{193}{833}$	$\frac{1}{3}$	$\Phi_{2499}\ \Phi_{357}\ \Phi_{147}\ \Phi_{51}\ \Phi_{21}$
122829	1664	837	$\frac{1}{27}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{837}^2\ \Phi_{279}^2\ \Phi_{93}\ \Phi_{31}^2\ \Phi_{27}^4\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^4$
122830	1664	2115	$\frac{7}{423}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2115}\ \Phi_{705}\ \Phi_{235}\ \Phi_{15}$
122831	1664	1890	$\frac{7}{135}$	$\frac{1}{14}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{54}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{10}\ \Phi_{6}$
122832	1664	2499	$\frac{25}{833}$	$\frac{101}{833}$	$\frac{183}{833}$	$\frac{1}{3}$	$\Phi_{2499}\ \Phi_{357}\ \Phi_{147}\ \Phi_{51}\ \Phi_{21}$
122833	1664	795	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{795}^3\ \Phi_{159}^4$
122834	1664	2415	$\frac{2}{69}$	$\frac{67}{483}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{805}\ \Phi_{105}\ \Phi_{35}\ \Phi_{15}$
122835	1664	165	$\frac{1}{33}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{165}^{10}\ \Phi_{55}^{10}\ \Phi_{33}^{12}\ \Phi_{15}^{7}\ \Phi_{11}^{12}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
122836	1664	1035	$\frac{7}{207}$	$\frac{25}{207}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1035}^2\ \Phi_{345}^2\ \Phi_{115}^2\ \Phi_{45}^2\ \Phi_{15}^3\ \Phi_{5}^2$
122837	1664	135	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{135}^{16}\ \Phi_{45}^{14}\ \Phi_{15}^{15}\ \Phi_{5}^{14}$
122838	1664	345	$\frac{1}{23}$	$\frac{11}{115}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{345}^7\ \Phi_{69}^8\ \Phi_{15}^8\ \Phi_{3}^8$
122839	1664	345	$\frac{4}{69}$	$\frac{5}{69}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{345}^6\ \Phi_{115}^6\ \Phi_{15}^7\ \Phi_{5}^6$
122840	1664	3570	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3570}\ \Phi_{1785}\ \Phi_{510}$
122841	1664	255	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{47}{255}$	$\frac{1}{3}$	$\Phi_{255}^8\ \Phi_{85}^8\ \Phi_{51}\ \Phi_{15}^8\ \Phi_{5}^8$
122842	1664	459	$\frac{1}{17}$	$\frac{43}{459}$	$\frac{8}{51}$	$\frac{1}{3}$	$\Phi_{459}^4\ \Phi_{153}^4\ \Phi_{51}\ \Phi_{27}^4\ \Phi_{9}^4$
122843	1664	210	$\frac{1}{14}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{210}^{14}\ \Phi_{105}^{12}\ \Phi_{42}^8\ \Phi_{30}^{14}\ \Phi_{21}^7\ \Phi_{15}^{12}\ \Phi_{6}^8\ \Phi_{3}^6$
122844	1664	1905	$\frac{7}{127}$	$\frac{15}{127}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1905}\ \Phi_{635}\ \Phi_{127}\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{1}^2$
122845	1664	765	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{765}^3\ \Phi_{255}^2\ \Phi_{153}\ \Phi_{85}^2\ \Phi_{51}$
122846	1664	294	$\frac{1}{14}$	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{1}{3}$	$\Phi_{294}^7\ \Phi_{147}^6\ \Phi_{98}^7\ \Phi_{49}^6\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
122847	1664	357	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{15}{119}$	$\frac{1}{3}$	$\Phi_{357}^8\ \Phi_{51}\ \Phi_{21}^8$
122848	1664	927	$\frac{7}{103}$	$\frac{1}{9}$	$\frac{12}{103}$	$\frac{1}{3}$	$\Phi_{927}^2\ \Phi_{309}\ \Phi_{103}^2\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^4$
122849	1664	2499	$\frac{57}{833}$	$\frac{92}{833}$	$\frac{97}{833}$	$\frac{1}{3}$	$\Phi_{2499}\ \Phi_{357}\ \Phi_{147}\ \Phi_{51}\ \Phi_{21}$
122850	1664	126	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{126}^{14}\ \Phi_{63}^{14}\ \Phi_{42}^{15}\ \Phi_{21}^{15}\ \Phi_{18}^{14}\ \Phi_{14}^{14}\ \Phi_{7}^{14}\ \Phi_{6}^{15}\ \Phi_{2}^{14}$
122851	1664	2295	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{31}{135}$	$\frac{14}{45}$	$\Phi_{2295}\ \Phi_{459}\ \Phi_{255}\ \Phi_{85}\ \Phi_{51}$
122852	1664	1275	$\frac{1}{17}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{75}$	$\Phi_{1275}^2\ \Phi_{255}^2\ \Phi_{85}\ \Phi_{51}^2$
122853	1664	693	$\frac{1}{11}$	$\frac{23}{231}$	$\frac{1}{9}$	$\frac{10}{33}$	$\Phi_{693}^3\ \Phi_{231}^2\ \Phi_{99}\ \Phi_{77}^2\ \Phi_{63}^3\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{7}^2$
122854	1664	297	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{9}$	$\frac{89}{297}$	$\Phi_{297}^8\ \Phi_{99}\ \Phi_{33}\ \Phi_{27}^8$
122855	1664	2499	$\frac{1}{17}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{147}$	$\Phi_{2499}\ \Phi_{357}\ \Phi_{119}\ \Phi_{51}$
122856	1664	135	$\frac{1}{27}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{135}^{13}\ \Phi_{45}^{11}\ \Phi_{27}^{12}\ \Phi_{15}^{13}\ \Phi_{9}^{10}\ \Phi_{5}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
122857	1664	2286	$\frac{3}{127}$	$\frac{1}{6}$	$\frac{31}{127}$	$\frac{5}{18}$	$\Phi_{2286}\ \Phi_{1143}\ \Phi_{127}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{1}^2$
122858	1664	990	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{990}^3\ \Phi_{495}^3\ \Phi_{165}\ \Phi_{90}^2\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{15}$
122859	1664	2286	$\frac{7}{127}$	$\frac{15}{127}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2286}\ \Phi_{1143}\ \Phi_{127}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{1}^2$
122860	1664	306	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{306}^5\ \Phi_{153}^6\ \Phi_{102}^6\ \Phi_{51}^7\ \Phi_{34}^6\ \Phi_{17}^6$
122861	1664	855	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{18}{95}$	$\frac{77}{285}$	$\Phi_{855}^2\ \Phi_{285}\ \Phi_{171}^3\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{45}^2\ \Phi_{19}^2\ \Phi_{15}\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
122862	1664	675	$\frac{1}{27}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{675}^3\ \Phi_{225}^3\ \Phi_{135}\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{25}^2\ \Phi_{15}$
122863	1664	602	$\frac{3}{43}$	$\frac{1}{14}$	$\frac{10}{43}$	$\frac{11}{43}$	$\Phi_{602}^3\ \Phi_{301}^3\ \Phi_{86}^3\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{2}^2$
122864	1664	695	$\frac{3}{139}$	$\frac{1}{5}$	$\frac{34}{139}$	$\frac{35}{139}$	$\Phi_{695}^3\ \Phi_{5}^2$
122865	1664	2032	$\frac{3}{127}$	$\frac{3}{16}$	$\frac{31}{127}$	$\frac{1}{4}$	$\Phi_{2032}\ \Phi_{1016}\ \Phi_{127}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
122866	1664	2640	$\frac{1}{33}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{880}\ \Phi_{440}\ \Phi_{240}\ \Phi_{165}\ \Phi_{120}\ \Phi_{55}\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
122867	1664	2032	$\frac{7}{127}$	$\frac{15}{127}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2032}\ \Phi_{1016}\ \Phi_{127}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
122868	1664	2448	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{816}\ \Phi_{408}\ \Phi_{153}\ \Phi_{51}$
122869	1664	515	$\frac{3}{103}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{25}{103}$	$\Phi_{515}^3\ \Phi_{103}^4\ \Phi_{5}^6\ \Phi_{1}^8$
122870	1664	1663	$\frac{51}{1663}$	$\frac{315}{1663}$	$\frac{337}{1663}$	$\frac{403}{1663}$	$\Phi_{1663}\ \Phi_{1}^2$
122871	1664	2085	$\frac{13}{417}$	$\frac{79}{417}$	$\frac{1}{5}$	$\frac{101}{417}$	$\Phi_{2085}\ \Phi_{695}\ \Phi_{15}$
122872	1664	105	$\frac{1}{21}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{5}{21}$	$\Phi_{105}^{15}\ \Phi_{35}^{15}\ \Phi_{21}^{18}\ \Phi_{15}^{17}\ \Phi_{7}^{18}\ \Phi_{5}^{16}\ \Phi_{3}^{20}\ \Phi_{1}^{20}$
122873	1664	527	$\frac{1}{17}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{4}{17}$	$\Phi_{527}^3\ \Phi_{31}^4\ \Phi_{17}^6\ \Phi_{1}^8$
122874	1664	765	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{17}$	$\Phi_{765}^3\ \Phi_{255}^3\ \Phi_{45}^4\ \Phi_{15}^4$
122875	1664	1663	$\frac{99}{1663}$	$\frac{159}{1663}$	$\frac{376}{1663}$	$\frac{391}{1663}$	$\Phi_{1663}\ \Phi_{1}^2$
122876	1664	1881	$\frac{13}{209}$	$\frac{1}{9}$	$\frac{40}{209}$	$\frac{49}{209}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{171}\ \Phi_{99}\ \Phi_{57}\ \Phi_{33}$
122877	1664	1663	$\frac{115}{1663}$	$\frac{168}{1663}$	$\frac{319}{1663}$	$\frac{387}{1663}$	$\Phi_{1663}\ \Phi_{1}^2$
122878	1664	2085	$\frac{29}{417}$	$\frac{40}{417}$	$\frac{1}{5}$	$\frac{97}{417}$	$\Phi_{2085}\ \Phi_{695}\ \Phi_{15}$
122879	1664	2170	$\frac{1}{14}$	$\frac{3}{31}$	$\frac{1}{5}$	$\frac{7}{31}$	$\Phi_{2170}\ \Phi_{1085}\ \Phi_{310}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{10}^2$
122880	1664	1806	$\frac{1}{14}$	$\frac{13}{129}$	$\frac{25}{129}$	$\frac{29}{129}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{602}\ \Phi_{301}\ \Phi_{258}\ \Phi_{86}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
122881	1664	1663	$\frac{103}{1663}$	$\frac{195}{1663}$	$\frac{324}{1663}$	$\frac{367}{1663}$	$\Phi_{1663}\ \Phi_{1}^2$
122882	1664	2085	$\frac{25}{417}$	$\frac{49}{417}$	$\frac{1}{5}$	$\frac{92}{417}$	$\Phi_{2085}\ \Phi_{695}\ \Phi_{15}$
122883	1664	99	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{33}$	$\frac{7}{33}$	$\Phi_{99}^{19}\ \Phi_{33}^{13}\ \Phi_{11}^{12}\ \Phi_{9}^{18}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
122884	1664	171	$\frac{5}{57}$	$\frac{1}{9}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{171}^{11}\ \Phi_{57}^{7}\ \Phi_{19}^{8}\ \Phi_{9}^{10}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
122885	1664	135	$\frac{1}{27}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{135}^{13}\ \Phi_{45}^{13}\ \Phi_{27}^{12}\ \Phi_{15}^{13}\ \Phi_{9}^{12}\ \Phi_{3}^{12}$
122886	1664	255	$\frac{1}{17}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{255}^{8}\ \Phi_{85}^{5}\ \Phi_{51}^{8}\ \Phi_{17}^{4}$
122887	1664	515	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{515}^3\ \Phi_{103}^4\ \Phi_{5}^6\ \Phi_{1}^8$
122888	1664	630	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{126}^4\ \Phi_{105}^3\ \Phi_{90}^3\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{30}^3\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{6}^4$
122889	1664	2125	$\frac{1}{17}$	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\Phi_{2125}\ \Phi_{85}$
122890	1664	105	$\frac{3}{35}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{105}^{18}\ \Phi_{35}^{11}\ \Phi_{21}^{18}\ \Phi_{15}^{20}\ \Phi_{7}^{10}\ \Phi_{5}^{12}\ \Phi_{3}^{20}\ \Phi_{1}^{12}$
122891	1664	45	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{45}^{35}\ \Phi_{15}^{37}\ \Phi_{9}^{42}\ \Phi_{5}^{36}\ \Phi_{3}^{44}\ \Phi_{1}^{44}$
122892	1665	664	$\frac{1}{332}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{331}{664}$	$\Phi_{664}\ \Phi_{332}^4\ \Phi_{166}^4\ \Phi_{83}^4\ \Phi_{8}^2\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^5$
122893	1665	2224	$\frac{3}{556}$	$\frac{1}{4}$	$\frac{559}{2224}$	$\frac{553}{1112}$	$\Phi_{2224}\ \Phi_{556}\ \Phi_{278}\ \Phi_{139}\ \Phi_{16}\ \Phi_{1}$
122894	1665	368	$\frac{1}{184}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{183}{368}$	$\Phi_{368}\ \Phi_{184}^8\ \Phi_{92}^8\ \Phi_{46}^8\ \Phi_{23}^8\ \Phi_{16}^2\ \Phi_{8}^8\ \Phi_{4}^8\ \Phi_{2}^8\ \Phi_{1}^9$
122895	1665	368	$\frac{1}{184}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{183}{368}$	$\Phi_{368}^9\ \Phi_{16}^9\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
122896	1665	1024	$\frac{1}{128}$	$\frac{43}{512}$	$\frac{469}{1024}$	$\frac{127}{256}$	$\Phi_{1024}^3\ \Phi_{256}\ \Phi_{1}$
122897	1665	256	$\frac{1}{128}$	$\frac{43}{256}$	$\frac{71}{256}$	$\frac{127}{256}$	$\Phi_{256}^7\ \Phi_{128}^6\ \Phi_{64}^6\ \Phi_{32}^6\ \Phi_{16}^6\ \Phi_{8}^6\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^7$
122898	1665	2048	$\frac{1}{128}$	$\frac{383}{2048}$	$\frac{129}{512}$	$\frac{127}{256}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{256}\ \Phi_{1}$
122899	1665	1540	$\frac{1}{110}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{109}{220}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{220}\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}^2\ \Phi_{70}^2\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{22}^2\ \Phi_{20}\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
122900	1665	1540	$\frac{1}{110}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{109}{220}$	$\Phi_{1540}^2\ \Phi_{308}^2\ \Phi_{220}^3\ \Phi_{140}^2\ \Phi_{44}^3\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{7}^2\ \Phi_{4}^3\ \Phi_{1}^3$
122901	1665	660	$\frac{1}{110}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{109}{220}$	$\Phi_{660}^2\ \Phi_{330}^4\ \Phi_{220}\ \Phi_{165}^4\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}^4\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{33}^4\ \Phi_{30}^4\ \Phi_{22}^2\ \Phi_{20}\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_{6}^5\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^5\ \Phi_{2}^2\ \Phi_{1}^3$
122902	1665	1830	$\frac{2}{183}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{181}{366}$	$\Phi_{1830}\ \Phi_{915}\ \Phi_{610}\ \Phi_{305}\ \Phi_{183}\ \Phi_{61}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
122903	1665	1240	$\frac{1}{62}$	$\frac{1}{10}$	$\frac{63}{248}$	$\frac{61}{124}$	$\Phi_{1240}^2\ \Phi_{310}^2\ \Phi_{248}\ \Phi_{155}^2\ \Phi_{62}\ \Phi_{40}^2\ \Phi_{31}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
122904	1665	364	$\frac{3}{182}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{179}{364}$	$\Phi_{364}^9\ \Phi_{52}^9\ \Phi_{28}^9\ \Phi_{13}^2\ \Phi_{4}^9\ \Phi_{1}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
122905	1665	1088	$\frac{11}{544}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{533}{1088}$	$\Phi_{1088}^{3}\ \Phi_{64}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
122906	1665	2236	$\frac{12}{559}$	$\frac{1}{13}$	$\frac{571}{2236}$	$\frac{547}{1118}$	$\Phi_{2236}\ \Phi_{559}\ \Phi_{172}\ \Phi_{52}\ \Phi_{43}\ \Phi_{4}\ \Phi_{1}$
122907	1665	792	$\frac{1}{44}$	$\frac{1}{36}$	$\frac{35}{72}$	$\frac{43}{88}$	$\Phi_{396}^{4}\ \Phi_{198}^{4}\ \Phi_{132}^{4}\ \Phi_{99}^{4}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}^{4}\ \Phi_{44}^{4}\ \Phi_{36}^{4}\ \Phi_{33}^{4}\ \Phi_{24}\ \Phi_{22}^{4}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{11}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
122908	1665	3432	$\frac{1}{44}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{104}\ \Phi_{88}\ \Phi_{39}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
122909	1665	2376	$\frac{1}{44}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{43}{88}$	$\Phi_{2376}^{2}\ \Phi_{216}^{2}\ \Phi_{88}\ \Phi_{54}\ \Phi_{27}\ \Phi_{8}\ \Phi_{1}$
122910	1665	440	$\frac{1}{44}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{43}{88}$	$\Phi_{440}^{4}\ \Phi_{220}^{4}\ \Phi_{110}^{4}\ \Phi_{88}\ \Phi_{55}^{4}\ \Phi_{44}^{4}\ \Phi_{40}^{5}\ \Phi_{22}^{4}\ \Phi_{20}^{5}\ \Phi_{11}^{4}\ \Phi_{10}^{5}\ \Phi_{8}^{2}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
122911	1665	528	$\frac{1}{44}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{43}{88}$	$\Phi_{528}^{4}\ \Phi_{176}^{4}\ \Phi_{132}^{4}\ \Phi_{88}\ \Phi_{66}^{4}\ \Phi_{48}^{5}\ \Phi_{44}^{4}\ \Phi_{33}^{4}\ \Phi_{24}\ \Phi_{22}^{4}\ \Phi_{16}^{5}\ \Phi_{12}^{4}\ \Phi_{11}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
122912	1665	3960	$\frac{1}{44}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{43}{88}$	$\Phi_{3960}\ \Phi_{1320}\ \Phi_{440}\ \Phi_{360}\ \Phi_{120}\ \Phi_{88}\ \Phi_{45}\ \Phi_{40}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
122913	1665	1848	$\frac{1}{44}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{43}{88}$	$\Phi_{1848}^{2}\ \Phi_{616}^{2}\ \Phi_{168}^{2}\ \Phi_{88}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
122914	1665	448	$\frac{3}{112}$	$\frac{1}{16}$	$\frac{115}{448}$	$\frac{109}{224}$	$\Phi_{448}^{5}\ \Phi_{112}^{5}\ \Phi_{64}^{5}\ \Phi_{56}^{5}\ \Phi_{28}^{5}\ \Phi_{16}^{4}\ \Phi_{14}^{5}\ \Phi_{8}^{4}\ \Phi_{7}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
122915	1665	792	$\frac{1}{36}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{35}{72}$	$\Phi_{792}^{4}\ \Phi_{264}^{4}\ \Phi_{88}^{4}\ \Phi_{72}^{5}\ \Phi_{24}^{5}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
122916	1665	144	$\frac{1}{36}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{144}^{12}\ \Phi_{72}^{9}\ \Phi_{48}^{12}\ \Phi_{36}^{12}\ \Phi_{24}^{9}\ \Phi_{18}^{12}\ \Phi_{16}^{15}\ \Phi_{12}^{12}\ \Phi_{9}^{12}\ \Phi_{8}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{14}\ \Phi_{3}^{12}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
122917	1665	792	$\frac{1}{36}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{35}{72}$	$\Phi_{792}^{4}\ \Phi_{264}^{4}\ \Phi_{88}^{4}\ \Phi_{72}^{5}\ \Phi_{24}^{5}\ \Phi_{11}^{4}\ \Phi_{8}^{5}\ \Phi_{1}^{5}$
122918	1665	360	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{35}{72}$	$\Phi_{360}^{10}\ \Phi_{120}^{10}\ \Phi_{72}^{5}\ \Phi_{40}^{10}\ \Phi_{30}^{2}\ \Phi_{24}^{5}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{8}^{5}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
122919	1665	640	$\frac{13}{320}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{307}{640}$	$\Phi_{640}^{5}\ \Phi_{128}^{5}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
122920	1665	224	$\frac{5}{112}$	$\frac{1}{16}$	$\frac{39}{224}$	$\frac{107}{224}$	$\Phi_{224}^{6}\ \Phi_{112}^{9}\ \Phi_{56}^{9}\ \Phi_{32}^{6}\ \Phi_{28}^{9}\ \Phi_{16}^{8}\ \Phi_{14}^{9}\ \Phi_{8}^{8}\ \Phi_{7}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
122921	1665	608	$\frac{7}{152}$	$\frac{53}{608}$	$\frac{1}{8}$	$\frac{145}{304}$	$\Phi_{608}^{3}\ \Phi_{304}^{2}\ \Phi_{152}^{3}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{32}^{3}\ \Phi_{19}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
122922	1665	352	$\frac{9}{176}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{167}{352}$	$\Phi_{352}^{9}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}^{9}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
122923	1665	560	$\frac{2}{35}$	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{33}{70}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{112}^{4}\ \Phi_{80}^{3}\ \Phi_{56}^{4}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{4}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{14}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
122924	1665	3136	$\frac{97}{1568}$	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1471}{3136}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
122925	1665	128	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{17}{128}$	$\frac{15}{32}$	$\Phi_{128}^{15}\ \Phi_{64}^{15}\ \Phi_{16}^{14}\ \Phi_{8}^{14}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
122926	1665	208	$\frac{1}{52}$	$\frac{7}{104}$	$\frac{17}{52}$	$\frac{97}{208}$	$\Phi_{208}^{15}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{16}^{15}\ \Phi_{13}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
122927	1665	208	$\frac{1}{26}$	$\frac{7}{104}$	$\frac{5}{26}$	$\frac{97}{208}$	$\Phi_{208}^{15}\ \Phi_{26}^{4}\ \Phi_{16}^{15}\ \Phi_{13}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
122928	1665	208	$\frac{1}{16}$	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{97}{208}$	$\Phi_{208}^{7}\ \Phi_{104}^{8}\ \Phi_{52}^{8}\ \Phi_{26}^{8}\ \Phi_{16}^{14}\ \Phi_{13}^{8}\ \Phi_{8}^{14}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
122929	1665	1540	$\frac{1}{55}$	$\frac{1}{14}$	$\frac{18}{55}$	$\frac{13}{28}$	$\Phi_{1540}^{2}\ \Phi_{308}^{2}\ \Phi_{220}^{2}\ \Phi_{140}^{2}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{28}^{3}\ \Phi_{20}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
122930	1665	532	$\frac{1}{38}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{532}^{2}\ \Phi_{266}^{4}\ \Phi_{133}^{4}\ \Phi_{76}^{4}\ \Phi_{38}^{5}\ \Phi_{28}\ \Phi_{19}^{5}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
122931	1665	3220	$\frac{4}{115}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{3220}\ \Phi_{644}\ \Phi_{460}\ \Phi_{115}\ \Phi_{92}\ \Phi_{28}\ \Phi_{23}\ \Phi_{4}\ \Phi_{1}$
122932	1665	308	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{7}{44}$	$\frac{13}{28}$	$\Phi_{308}^{4}\ \Phi_{154}^{6}\ \Phi_{77}^{6}\ \Phi_{44}^{7}\ \Phi_{28}^{5}\ \Phi_{22}^{8}\ \Phi_{14}^{6}\ \Phi_{11}^{8}\ \Phi_{7}^{6}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
122933	1665	280	$\frac{1}{14}$	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{13}{28}$	$\Phi_{280}^{6}\ \Phi_{140}^{4}\ \Phi_{70}^{6}\ \Phi_{56}^{6}\ \Phi_{40}^{9}\ \Phi_{35}^{6}\ \Phi_{28}^{5}\ \Phi_{20}^{7}\ \Phi_{14}^{6}\ \Phi_{10}^{8}\ \Phi_{8}^{9}\ \Phi_{7}^{6}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
122934	1665	3388	$\frac{1}{14}$	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{13}{28}$	$\Phi_{3388}\ \Phi_{484}\ \Phi_{121}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
122935	1665	676	$\frac{1}{26}$	$\frac{25}{338}$	$\frac{121}{676}$	$\frac{313}{676}$	$\Phi_{676}^{2}\ \Phi_{338}^{3}\ \Phi_{169}^{3}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
122936	1665	352	$\frac{19}{352}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{81}{176}$	$\Phi_{352}^{5}\ \Phi_{176}^{4}\ \Phi_{88}^{5}\ \Phi_{44}^{5}\ \Phi_{32}^{5}\ \Phi_{22}^{5}\ \Phi_{16}^{4}\ \Phi_{11}^{5}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
122937	1665	1024	$\frac{1}{64}$	$\frac{43}{512}$	$\frac{21}{64}$	$\frac{469}{1024}$	$\Phi_{1024}^{3}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
122938	1665	2288	$\frac{1}{52}$	$\frac{51}{572}$	$\frac{623}{2288}$	$\frac{521}{1144}$	$\Phi_{2288}\ \Phi_{572}\ \Phi_{286}\ \Phi_{208}\ \Phi_{176}\ \Phi_{143}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
122939	1665	608	$\frac{7}{152}$	$\frac{29}{304}$	$\frac{1}{8}$	$\frac{275}{608}$	$\Phi_{608}^{5}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}\ \Phi_{32}^{5}\ \Phi_{19}\ \Phi_{1}$
122940	1665	256	$\frac{1}{64}$	$\frac{7}{64}$	$\frac{71}{256}$	$\frac{57}{128}$	$\Phi_{256}^{9}\ \Phi_{64}^{8}\ \Phi_{32}^{8}\ \Phi_{16}^{8}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
122941	1665	1104	$\frac{1}{92}$	$\frac{1}{8}$	$\frac{91}{276}$	$\frac{7}{16}$	$\Phi_{1104}^4\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{48}^4\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
122942	1665	752	$\frac{3}{188}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{752}^4\ \Phi_{188}\ \Phi_{94}\ \Phi_{47}\ \Phi_{16}\ \Phi_1$
122943	1665	368	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{9}{46}$	$\frac{7}{16}$	$\Phi_{368}^8\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{16}^9\ \Phi_2^4\ \Phi_1^5$
122944	1665	912	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{912}^4\ \Phi_{304}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{48}^2\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_6\ \Phi_3\ \Phi_1$
122945	1665	192	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{192}^9\ \Phi_{96}^9\ \Phi_{64}^9\ \Phi_{48}^9\ \Phi_{32}^9\ \Phi_{24}^9\ \Phi_{16}^2\ \Phi_{12}^9\ \Phi_8^8\ \Phi_6^9\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
122946	1665	3312	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{207}\ \Phi_{144}\ \Phi_{69}\ \Phi_{48}\ \Phi_{16}\ \Phi_9\ \Phi_3\ \Phi_1$
122947	1665	784	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{85}{196}$	$\Phi_{784}^2\ \Phi_{392}^2\ \Phi_{196}\ \Phi_{112}^4\ \Phi_{98}^2\ \Phi_{56}^4\ \Phi_{49}^2\ \Phi_{28}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
122948	1665	1792	$\frac{1}{16}$	$\frac{127}{1792}$	$\frac{15}{112}$	$\frac{97}{224}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{128}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
122949	1665	64	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{27}{64}$	$\Phi_{64}^{45}\ \Phi_{16}^{14}\ \Phi_8^{14}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
122950	1665	960	$\frac{7}{192}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{64}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
122951	1665	352	$\frac{19}{352}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{352}^5\ \Phi_{176}^5\ \Phi_{88}^5\ \Phi_{44}^5\ \Phi_{22}^5\ \Phi_{16}^4\ \Phi_{11}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
122952	1665	364	$\frac{1}{26}$	$\frac{31}{364}$	$\frac{5}{26}$	$\frac{21}{52}$	$\Phi_{364}^5\ \Phi_{182}^5\ \Phi_{91}^5\ \Phi_{28}^5\ \Phi_{26}^4\ \Phi_{14}^5\ \Phi_{13}^4\ \Phi_7^5\ \Phi_2^4\ \Phi_1^5$
122953	1665	310	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{6}{31}$	$\frac{25}{62}$	$\Phi_{310}^6\ \Phi_{155}^6\ \Phi_{62}\ \Phi_{31}^5\ \Phi_{10}^5\ \Phi_5^5\ \Phi_1^5$
122954	1665	2704	$\frac{1}{26}$	$\frac{25}{338}$	$\frac{313}{1352}$	$\frac{1039}{2704}$	$\Phi_{2704}\ \Phi_{338}\ \Phi_{208}\ \Phi_{169}\ \Phi_{16}\ \Phi_1$
122955	1665	896	$\frac{5}{112}$	$\frac{1}{16}$	$\frac{107}{448}$	$\frac{341}{896}$	$\Phi_{896}^3\ \Phi_{128}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_8^2\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
122956	1665	664	$\frac{1}{166}$	$\frac{1}{4}$	$\frac{55}{166}$	$\frac{3}{8}$	$\Phi_{664}^4\ \Phi_{166}^2\ \Phi_{83}^2\ \Phi_8^5\ \Phi_2^2\ \Phi_1^3$
122957	1665	112	$\frac{1}{112}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{112}^{15}\ \Phi_{56}^{15}\ \Phi_{28}^{15}\ \Phi_{16}^{15}\ \Phi_{14}^{15}\ \Phi_8^{12}\ \Phi_7^{15}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
122958	1665	3320	$\frac{1}{83}$	$\frac{82}{415}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3320}\ \Phi_{415}\ \Phi_{40}\ \Phi_8\ \Phi_5\ \Phi_1$
122959	1665	664	$\frac{2}{83}$	$\frac{9}{83}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{664}^4\ \Phi_{83}^4\ \Phi_8^5\ \Phi_1^5$
122960	1665	760	$\frac{1}{38}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{760}^4\ \Phi_{190}^2\ \Phi_{152}^2\ \Phi_{95}^2\ \Phi_{40}^2\ \Phi_{38}\ \Phi_{19}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
122961	1665	572	$\frac{17}{572}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{572}^3\ \Phi_{286}^3\ \Phi_{143}^3\ \Phi_{52}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{13}^2\ \Phi_{11}^3\ \Phi_4^3\ \Phi_1^3$
122962	1665	192	$\frac{7}{192}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{192}^9\ \Phi_{96}^9\ \Phi_{64}^9\ \Phi_{48}^9\ \Phi_{32}^6\ \Phi_{24}^9\ \Phi_{16}^8\ \Phi_{12}^9\ \Phi_8^8\ \Phi_6^9\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
122963	1665	112	$\frac{1}{28}$	$\frac{1}{16}$	$\frac{9}{28}$	$\frac{19}{56}$	$\Phi_{112}^{16}\ \Phi_{56}^{13}\ \Phi_{28}^{15}\ \Phi_{16}^{15}\ \Phi_{14}^{15}\ \Phi_8^{12}\ \Phi_7^{15}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
122964	1665	208	$\frac{1}{52}$	$\frac{23}{208}$	$\frac{17}{52}$	$\frac{35}{104}$	$\Phi_{208}^9\ \Phi_{104}^6\ \Phi_{52}^8\ \Phi_{26}^8\ \Phi_{16}^9\ \Phi_{13}^8\ \Phi_8^6\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
122965	1665	128	$\frac{1}{64}$	$\frac{17}{128}$	$\frac{21}{64}$	$\frac{43}{128}$	$\Phi_{128}^{12}\ \Phi_{64}^{14}\ \Phi_{32}^{14}\ \Phi_{16}^{14}\ \Phi_8^{14}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
122966	1665	556	$\frac{1}{139}$	$\frac{1}{4}$	$\frac{46}{139}$	$\frac{93}{278}$	$\Phi_{556}^4\ \Phi_{278}\ \Phi_{139}^3\ \Phi_4^3\ \Phi_1^3$
122967	1665	832	$\frac{1}{208}$	$\frac{69}{208}$	$\frac{277}{832}$	$\frac{139}{416}$	$\Phi_{832}^3\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{64}^3\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
122968	1665	858	$\frac{1}{22}$	$\frac{2}{39}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{78}^2\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{13}^3\ \Phi_{11}^2\ \Phi_2^2\ \Phi_1^3$
122969	1665	624	$\frac{2}{39}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{156}^2\ \Phi_{104}^3\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{16}^3\ \Phi_{13}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
122970	1665	429	$\frac{2}{39}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{429}^4\ \Phi_{143}^4\ \Phi_{39}^5\ \Phi_{13}^5\ \Phi_{11}^4\ \Phi_1^5$
122971	1665	390	$\frac{2}{39}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{390}^5\ \Phi_{195}^5\ \Phi_{130}^5\ \Phi_{78}^2\ \Phi_{65}^5\ \Phi_{39}^3\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{15}^2\ \Phi_{13}^3\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
122972	1665	276	$\frac{1}{92}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{91}{276}$	$\Phi_{276}^9\ \Phi_{138}^9\ \Phi_{69}^9\ \Phi_{12}^9\ \Phi_6^9\ \Phi_4^2\ \Phi_3^9\ \Phi_2^2\ \Phi_1^3$
122973	1665	256	$\frac{1}{64}$	$\frac{43}{256}$	$\frac{71}{256}$	$\frac{21}{64}$	$\Phi_{256}^6\ \Phi_{128}^6\ \Phi_{64}^8\ \Phi_{32}^8\ \Phi_{16}^8\ \Phi_8^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
122974	1665	385	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{18}{55}$	$\Phi_{385}^4\ \Phi_{77}^4\ \Phi_{55}^6\ \Phi_{35}^4\ \Phi_{11}^6\ \Phi_7^6\ \Phi_5^6\ \Phi_1^9$
122975	1665	660	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{18}{55}$	$\Phi_{660}^4\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^4\ \Phi_{66}^2\ \Phi_{60}^4\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^6\ \Phi_{11}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
122976	1665	52	$\frac{1}{52}$	$\frac{7}{52}$	$\frac{15}{52}$	$\frac{17}{52}$	$\Phi_{52}^{32}\ \Phi_{26}^{32}\ \Phi_{13}^{32}\ \Phi_4^{32}\ \Phi_2^{32}\ \Phi_1^{33}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
122977	1665	1002	$\frac{7}{334}$	$\frac{1}{6}$	$\frac{75}{334}$	$\frac{109}{334}$	$\Phi_{1002}^{2}\,\Phi_{501}^{2}\,\Phi_{334}\,\Phi_{167}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
122978	1665	832	$\frac{19}{832}$	$\frac{129}{832}$	$\frac{187}{832}$	$\frac{271}{832}$	$\Phi_{832}^{2}\,\Phi_{416}^{2}\,\Phi_{208}^{2}\,\Phi_{104}^{2}\,\Phi_{64}^{2}\,\Phi_{52}^{2}\,\Phi_{32}^{2}\,\Phi_{26}^{2}\,\Phi_{16}^{2}\,\Phi_{13}^{2}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
122979	1665	556	$\frac{13}{556}$	$\frac{75}{556}$	$\frac{1}{4}$	$\frac{181}{556}$	$\Phi_{556}^{3}\,\Phi_{278}^{3}\,\Phi_{139}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
122980	1665	273	$\frac{3}{91}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{88}{273}$	$\Phi_{273}^{9}\,\Phi_{39}^{9}\,\Phi_{21}^{9}\,\Phi_{13}^{2}\,\Phi_{3}^{9}\,\Phi_{1}^{3}$
122981	1665	208	$\frac{7}{208}$	$\frac{23}{208}$	$\frac{47}{208}$	$\frac{67}{208}$	$\Phi_{208}^{8}\,\Phi_{104}^{8}\,\Phi_{52}^{8}\,\Phi_{26}^{8}\,\Phi_{16}^{8}\,\Phi_{13}^{8}\,\Phi_{8}^{8}\,\Phi_{4}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
122982	1665	272	$\frac{11}{272}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{87}{272}$	$\Phi_{272}^{6}\,\Phi_{136}^{6}\,\Phi_{68}^{6}\,\Phi_{34}^{6}\,\Phi_{17}^{6}\,\Phi_{16}^{8}\,\Phi_{8}^{8}\,\Phi_{4}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
122983	1665	594	$\frac{1}{22}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{7}{22}$	$\Phi_{594}^{4}\,\Phi_{297}^{4}\,\Phi_{54}^{5}\,\Phi_{27}^{5}\,\Phi_{22}^{2}\,\Phi_{11}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
122984	1665	440	$\frac{1}{22}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{7}{22}$	$\Phi_{440}^{4}\,\Phi_{220}^{4}\,\Phi_{110}^{4}\,\Phi_{88}^{4}\,\Phi_{55}^{4}\,\Phi_{40}^{5}\,\Phi_{22}^{2}\,\Phi_{20}^{5}\,\Phi_{11}^{2}\,\Phi_{10}^{5}\,\Phi_{8}^{5}\,\Phi_{5}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
122985	1665	528	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{7}{22}$	$\Phi_{528}^{4}\,\Phi_{264}^{4}\,\Phi_{176}^{4}\,\Phi_{88}^{4}\,\Phi_{48}^{5}\,\Phi_{24}^{5}\,\Phi_{22}^{2}\,\Phi_{16}^{5}\,\Phi_{11}^{2}\,\Phi_{8}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
122986	1665	990	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{7}{22}$	$\Phi_{990}^{2}\,\Phi_{495}^{2}\,\Phi_{330}^{2}\,\Phi_{165}^{2}\,\Phi_{110}^{2}\,\Phi_{90}^{2}\,\Phi_{55}^{2}\,\Phi_{45}^{3}\,\Phi_{30}^{2}\,\Phi_{22}^{2}\,\Phi_{15}^{3}\,\Phi_{11}^{2}\,\Phi_{10}^{2}\,\Phi_{5}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
122987	1665	462	$\frac{1}{22}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{7}{22}$	$\Phi_{462}^{4}\,\Phi_{231}^{4}\,\Phi_{154}^{4}\,\Phi_{77}^{4}\,\Phi_{42}^{5}\,\Phi_{22}^{2}\,\Phi_{21}^{5}\,\Phi_{14}^{5}\,\Phi_{11}^{2}\,\Phi_{7}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
122988	1665	432	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{432}^{6}\,\Phi_{216}^{6}\,\Phi_{108}^{4}\,\Phi_{54}^{5}\,\Phi_{27}^{5}\,\Phi_{16}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
122989	1665	594	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{17}{54}$	$\Phi_{594}^{4}\,\Phi_{297}^{4}\,\Phi_{54}^{5}\,\Phi_{27}^{5}\,\Phi_{11}^{4}\,\Phi_{1}^{5}$
122990	1665	270	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{17}{54}$	$\Phi_{270}^{10}\,\Phi_{135}^{10}\,\Phi_{54}^{5}\,\Phi_{30}^{2}\,\Phi_{27}^{5}\,\Phi_{15}^{2}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
122991	1665	48	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{11}{48}$	$\frac{5}{16}$	$\Phi_{48}^{45}\,\Phi_{24}^{45}\,\Phi_{16}^{14}\,\Phi_{12}^{45}\,\Phi_{8}^{14}\,\Phi_{6}^{45}\,\Phi_{4}^{14}\,\Phi_{3}^{45}\,\Phi_{2}^{14}\,\Phi_{1}^{15}$
122992	1665	728	$\frac{9}{182}$	$\frac{1}{13}$	$\frac{173}{728}$	$\frac{4}{13}$	$\Phi_{728}^{3}\,\Phi_{364}^{3}\,\Phi_{104}^{3}\,\Phi_{56}^{3}\,\Phi_{52}^{3}\,\Phi_{28}^{3}\,\Phi_{13}^{2}\,\Phi_{8}^{3}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
122993	1665	39	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{39}^{45}\,\Phi_{13}^{38}\,\Phi_{3}^{45}\,\Phi_{1}^{39}$
122994	1665	91	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{17}{91}$	$\frac{4}{13}$	$\Phi_{91}^{18}\,\Phi_{13}^{20}\,\Phi_{7}^{18}\,\Phi_{1}^{21}$
122995	1665	637	$\frac{1}{13}$	$\frac{9}{91}$	$\frac{82}{637}$	$\frac{4}{13}$	$\Phi_{637}^{3}\,\Phi_{49}^{3}\,\Phi_{13}^{2}\,\Phi_{1}^{3}$
122996	1665	208	$\frac{1}{13}$	$\frac{23}{208}$	$\frac{3}{26}$	$\frac{4}{13}$	$\Phi_{208}^{9}\,\Phi_{104}^{9}\,\Phi_{52}^{9}\,\Phi_{16}^{9}\,\Phi_{13}^{2}\,\Phi_{8}^{9}\,\Phi_{4}^{9}\,\Phi_{1}^{3}$
122997	1665	616	$\frac{7}{88}$	$\frac{61}{616}$	$\frac{1}{8}$	$\frac{27}{88}$	$\Phi_{616}^{3}\,\Phi_{308}^{3}\,\Phi_{154}^{3}\,\Phi_{88}\,\Phi_{77}^{3}\,\Phi_{56}^{3}\,\Phi_{44}\,\Phi_{28}^{3}\,\Phi_{22}\,\Phi_{14}^{3}\,\Phi_{11}\,\Phi_{7}^{3}\,\Phi_{1}$
122998	1665	160	$\frac{1}{16}$	$\frac{13}{160}$	$\frac{3}{16}$	$\frac{49}{160}$	$\Phi_{160}^{10}\,\Phi_{80}^{10}\,\Phi_{40}^{10}\,\Phi_{32}^{10}\,\Phi_{20}^{10}\,\Phi_{16}^{14}\,\Phi_{10}^{10}\,\Phi_{8}^{14}\,\Phi_{5}^{10}\,\Phi_{4}^{14}\,\Phi_{2}^{14}\,\Phi_{1}^{15}$
122999	1665	264	$\frac{7}{88}$	$\frac{9}{88}$	$\frac{1}{8}$	$\frac{79}{264}$	$\Phi_{264}^{9}\,\Phi_{132}^{9}\,\Phi_{88}\,\Phi_{66}^{9}\,\Phi_{44}\,\Phi_{33}^{9}\,\Phi_{24}^{9}\,\Phi_{22}\,\Phi_{12}^{9}\,\Phi_{11}\,\Phi_{6}^{9}\,\Phi_{3}^{9}\,\Phi_{1}$
123000	1665	784	$\frac{1}{16}$	$\frac{97}{784}$	$\frac{15}{112}$	$\frac{229}{784}$	$\Phi_{784}^{2}\,\Phi_{392}^{2}\,\Phi_{196}^{2}\,\Phi_{112}^{3}\,\Phi_{98}^{2}\,\Phi_{56}^{3}\,\Phi_{49}^{2}\,\Phi_{28}^{3}\,\Phi_{16}^{2}\,\Phi_{14}^{3}\,\Phi_{8}^{2}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
123001	1665	52	$\frac{1}{26}$	$\frac{7}{52}$	$\frac{5}{26}$	$\frac{15}{52}$	$\Phi_{52}^{30}\,\Phi_{26}^{34}\,\Phi_{13}^{34}\,\Phi_{4}^{30}\,\Phi_{2}^{34}\,\Phi_{1}^{35}$
123002	1665	532	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{532}^{4}\,\Phi_{266}^{2}\,\Phi_{133}^{2}\,\Phi_{76}^{6}\,\Phi_{38}^{3}\,\Phi_{28}^{2}\,\Phi_{19}^{3}\,\Phi_{7}^{2}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
123003	1665	805	$\frac{4}{115}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{805}^{2}\,\Phi_{161}^{2}\,\Phi_{115}^{3}\,\Phi_{23}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
123004	1665	308	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{7}{44}$	$\frac{2}{7}$	$\Phi_{308}^{6}\,\Phi_{154}^{4}\,\Phi_{77}^{4}\,\Phi_{44}^{9}\,\Phi_{28}^{6}\,\Phi_{22}^{6}\,\Phi_{14}^{4}\,\Phi_{11}^{6}\,\Phi_{7}^{6}\,\Phi_{4}^{9}\,\Phi_{2}^{6}\,\Phi_{1}^{9}$
123005	1665	336	$\frac{1}{16}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{336}^{6}\,\Phi_{168}^{6}\,\Phi_{112}^{4}\,\Phi_{84}^{6}\,\Phi_{56}^{4}\,\Phi_{48}^{6}\,\Phi_{42}^{3}\,\Phi_{28}^{4}\,\Phi_{24}^{6}\,\Phi_{21}^{3}\,\Phi_{16}^{3}\,\Phi_{14}\,\Phi_{12}^{6}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
123006	1665	280	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{280}^{6}\,\Phi_{140}^{6}\,\Phi_{70}^{4}\,\Phi_{56}^{6}\,\Phi_{40}^{9}\,\Phi_{35}^{4}\,\Phi_{28}^{6}\,\Phi_{20}^{9}\,\Phi_{14}^{4}\,\Phi_{10}^{6}\,\Phi_{8}^{9}\,\Phi_{7}^{6}\,\Phi_{5}^{6}\,\Phi_{4}^{9}\,\Phi_{2}^{6}\,\Phi_{1}^{9}$
123007	1665	847	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{847}^{2}\,\Phi_{121}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
123008	1665	874	$\frac{1}{38}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{874}^{2}\,\Phi_{437}^{2}\,\Phi_{46}\,\Phi_{38}\,\Phi_{23}\,\Phi_{19}\,\Phi_{1}$
123009	1665	990	$\frac{13}{198}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{990}^{2}\,\Phi_{495}^{2}\,\Phi_{330}^{2}\,\Phi_{198}\,\Phi_{165}^{2}\,\Phi_{110}^{2}\,\Phi_{99}\,\Phi_{66}\,\Phi_{55}^{2}\,\Phi_{33}\,\Phi_{30}^{2}\,\Phi_{22}\,\Phi_{15}^{2}\,\Phi_{11}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
123010	1665	152	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{29}{152}$	$\frac{41}{152}$	$\Phi_{152}^{11}\,\Phi_{76}^{11}\,\Phi_{38}^{11}\,\Phi_{19}^{11}\,\Phi_{8}^{10}\,\Phi_{4}^{10}\,\Phi_{2}^{10}\,\Phi_{1}^{11}$
123011	1665	130	$\frac{1}{26}$	$\frac{19}{130}$	$\frac{5}{26}$	$\frac{7}{26}$	$\Phi_{130}^{15}\,\Phi_{65}^{15}\,\Phi_{26}^{4}\,\Phi_{13}^{4}\,\Phi_{10}^{15}\,\Phi_{5}^{15}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
123012	1665	832	$\frac{17}{832}$	$\frac{163}{832}$	$\frac{203}{832}$	$\frac{223}{832}$	$\Phi_{832}^2\ \Phi_{416}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{64}^2\ \Phi_{52}^2\ \Phi_{32}^2\ \Phi_{26}^2\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
123013	1665	556	$\frac{11}{556}$	$\frac{109}{556}$	$\frac{1}{4}$	$\frac{149}{556}$	$\Phi_{556}^3\ \Phi_{278}^3\ \Phi_{139}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
123014	1665	188	$\frac{3}{188}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{188}^9\ \Phi_{94}^9\ \Phi_{47}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
123015	1665	736	$\frac{3}{184}$	$\frac{181}{736}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{736}^3\ \Phi_{368}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
123016	1665	92	$\frac{1}{46}$	$\frac{9}{46}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{92}^{16}\ \Phi_{46}^{20}\ \Phi_{23}^{20}\ \Phi_4^{18}\ \Phi_2^{22}\ \Phi_1^{23}$
123017	1665	228	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{228}^8\ \Phi_{114}^{10}\ \Phi_{76}^4\ \Phi_{57}^{10}\ \Phi_{38}^5\ \Phi_{19}^5\ \Phi_{12}^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
123018	1665	644	$\frac{3}{92}$	$\frac{89}{644}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{644}^3\ \Phi_{322}^3\ \Phi_{161}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
123019	1665	192	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{192}^9\ \Phi_{96}^9\ \Phi_{64}^9\ \Phi_{48}^9\ \Phi_{32}^9\ \Phi_{24}^9\ \Phi_{16}^9\ \Phi_{12}^9\ \Phi_6^9\ \Phi_4^2\ \Phi_3^9\ \Phi_2^2\ \Phi_1^3$
123020	1665	828	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}^2\ \Phi_{207}^3\ \Phi_{138}^2\ \Phi_{69}^3\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
123021	1665	80	$\frac{1}{16}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{80}^{24}\ \Phi_{40}^{21}\ \Phi_{20}^{21}\ \Phi_{16}^{15}\ \Phi_{10}^{21}\ \Phi_8^{12}\ \Phi_5^{21}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
123022	1665	48	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{48}^{33}\ \Phi_{24}^{33}\ \Phi_{16}^{36}\ \Phi_{12}^{36}\ \Phi_8^{36}\ \Phi_6^{36}\ \Phi_4^{38}\ \Phi_3^{36}\ \Phi_2^{38}\ \Phi_1^{39}$
123023	1665	1380	$\frac{4}{115}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1380}^2\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}^2\ \Phi_{138}\ \Phi_{115}\ \Phi_{92}\ \Phi_{69}\ \Phi_{23}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
123024	1665	440	$\frac{3}{40}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{4}$	$\Phi_{440}^4\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{88}^4\ \Phi_{55}^4\ \Phi_{40}^5\ \Phi_{20}^5\ \Phi_{11}^4\ \Phi_{10}^5\ \Phi_8^5\ \Phi_5^5\ \Phi_1^5$
123025	1665	720	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^2\ \Phi_{120}^3\ \Phi_{90}^2\ \Phi_{80}^3\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
123026	1665	132	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{132}^{14}\ \Phi_{66}^{16}\ \Phi_{44}^7\ \Phi_{33}^{16}\ \Phi_{22}^8\ \Phi_{12}^{16}\ \Phi_{11}^8\ \Phi_6^{17}\ \Phi_4^8\ \Phi_3^{17}\ \Phi_2^8\ \Phi_1^9$
123027	1665	336	$\frac{1}{16}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{84}^4\ \Phi_{56}^6\ \Phi_{42}^5\ \Phi_{28}^4\ \Phi_{21}^5\ \Phi_{16}^3\ \Phi_{14}^5\ \Phi_8^3\ \Phi_7^5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
123028	1665	120	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{120}^{18}\ \Phi_{60}^{14}\ \Phi_{40}^9\ \Phi_{30}^{16}\ \Phi_{24}^{18}\ \Phi_{20}^7\ \Phi_{15}^{16}\ \Phi_{12}^{16}\ \Phi_{10}^8\ \Phi_8^9\ \Phi_6^{17}\ \Phi_5^8\ \Phi_4^8\ \Phi_3^{17}\ \Phi_2^8\ \Phi_1^9$
123029	1665	1452	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1452}^2\ \Phi_{726}\ \Phi_{484}\ \Phi_{363}\ \Phi_{121}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
123030	1665	528	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{11}{48}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{176}^4\ \Phi_{88}^4\ \Phi_{48}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{11}^4\ \Phi_8^5\ \Phi_1^5$
123031	1665	240	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{11}{48}$	$\Phi_{240}^{10}\ \Phi_{120}^{10}\ \Phi_{80}^{10}\ \Phi_{48}^5\ \Phi_{40}^{10}\ \Phi_{30}^2\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{15}^2\ \Phi_{10}\ \Phi_8^5\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
123032	1665	704	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{27}{176}$	$\frac{149}{704}$	$\Phi_{704}^3\ \Phi_{352}^3\ \Phi_{88}\ \Phi_{64}^3\ \Phi_{44}\ \Phi_{32}^3\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
123033	1665	560	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{140}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^2\ \Phi_{112}^4\ \Phi_{80}^3\ \Phi_{70}^2\ \Phi_{56}^4\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
123034	1665	128	$\frac{1}{16}$	$\frac{17}{128}$	$\frac{3}{16}$	$\frac{13}{64}$	$\Phi_{128}^{15}\ \Phi_{64}^{10}\ \Phi_{32}^{10}\ \Phi_{16}^{14}\ \Phi_8^{14}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
123035	1665	416	$\frac{1}{26}$	$\frac{5}{26}$	$\frac{83}{416}$	$\frac{21}{104}$	$\Phi_{416}^5\ \Phi_{208}^5\ \Phi_{32}^5\ \Phi_{26}^4\ \Phi_{16}^5\ \Phi_{13}^4\ \Phi_2^4\ \Phi_1^5$
123036	1665	400	$\frac{1}{16}$	$\frac{13}{80}$	$\frac{67}{400}$	$\frac{3}{16}$	$\Phi_{400}^5\ \Phi_{200}^5\ \Phi_{100}^5\ \Phi_{50}^5\ \Phi_{25}^5\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
123037	1665	495	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{2}{11}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{55}^4\ \Phi_{45}^5\ \Phi_{15}^5\ \Phi_{11}^4\ \Phi_5^5\ \Phi_1^5$
123038	1665	462	$\frac{1}{11}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{2}{11}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{42}^5\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{11}^4\ \Phi_7^5\ \Phi_1^5$
123039	1665	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{45}$	$\Phi_{90}^{17}\ \Phi_{45}^{18}\ \Phi_{30}^{19}\ \Phi_{18}^{20}\ \Phi_{15}^{20}\ \Phi_{10}^{18}\ \Phi_9^{20}\ \Phi_6^{21}\ \Phi_5^{19}\ \Phi_3^{21}\ \Phi_2^{20}\ \Phi_1^{21}$
123040	1665	210	$\frac{1}{10}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{210}^{10}\ \Phi_{105}^{10}\ \Phi_{70}^{10}\ \Phi_{42}^5\ \Phi_{35}^{10}\ \Phi_{30}^2\ \Phi_{21}^5\ \Phi_{15}^2\ \Phi_{14}^5\ \Phi_{10}\ \Phi_7^5\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
123041	1665	1080	$\frac{1}{10}$	$\frac{5}{36}$	$\frac{31}{216}$	$\frac{1}{6}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{24}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
123042	1666	1662	$\frac{2}{831}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{829}{1662}$	$\Phi_{1662}^2\ \Phi_{554}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123043	1666	1332	$\frac{1}{333}$	$\frac{167}{666}$	$\frac{499}{1332}$	$\frac{166}{333}$	$\Phi_{1332}^2\ \Phi_{444}^2\ \Phi_{333}\ \Phi_{148}^2\ \Phi_{111}\ \Phi_{37}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
123044	1666	3336	$\frac{1}{278}$	$\frac{279}{1112}$	$\frac{1}{3}$	$\frac{277}{556}$	$\Phi_{3336}\ \Phi_{834}\ \Phi_{417}\ \Phi_{24}\ \Phi_6$
123045	1666	1660	$\frac{3}{830}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{827}{1660}$	$\Phi_{1660}^2\ \Phi_{332}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
123046	1666	948	$\frac{1}{237}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{118}{237}$	$\Phi_{948}^3\ \Phi_{316}^3\ \Phi_{237}\ \Phi_{79}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
123047	1666	711	$\frac{1}{237}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{118}{237}$	$\Phi_{711}^{3}\ \Phi_{237}\ \Phi_{79}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
123048	1666	1480	$\frac{1}{185}$	$\frac{93}{740}$	$\frac{647}{1480}$	$\frac{92}{185}$	$\Phi_{1480}^{2}\ \Phi_{296}^{2}\ \Phi_{185}\ \Phi_{40}^{2}\ \Phi_{37}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
123049	1666	1110	$\frac{1}{185}$	$\frac{277}{1110}$	$\frac{93}{370}$	$\frac{92}{185}$	$\Phi_{1110}^{2}\ \Phi_{555}^{2}\ \Phi_{222}^{2}\ \Phi_{185}\ \Phi_{111}^{2}\ \Phi_{37}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
123050	1666	1656	$\frac{5}{828}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{823}{1656}$	$\Phi_{1656}^{2}\ \Phi_{552}^{2}\ \Phi_{184}^{2}\ \Phi_{72}^{2}\ \Phi_{24}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
123051	1666	1656	$\frac{5}{828}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{823}{1656}$	$\Phi_{1656}^{2}\ \Phi_{552}^{2}\ \Phi_{184}^{2}\ \Phi_{72}^{2}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
123052	1666	3068	$\frac{1}{118}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{117}{236}$	$\Phi_{3068}\ \Phi_{236}^{2}\ \Phi_{52}\ \Phi_{13}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
123053	1666	1416	$\frac{1}{118}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{117}{236}$	$\Phi_{1416}^{2}\ \Phi_{708}\ \Phi_{354}^{2}\ \Phi_{177}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
123054	1666	222	$\frac{1}{111}$	$\frac{8}{111}$	$\frac{103}{222}$	$\frac{55}{111}$	$\Phi_{222}^{14}\ \Phi_{111}\ \Phi_{74}^{14}\ \Phi_{37}\ \Phi_{6}^{14}\ \Phi_{3}\ \Phi_{2}^{14}\ \Phi_{1}^{2}$
123055	1666	1650	$\frac{8}{825}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{817}{1650}$	$\Phi_{1650}^{2}\ \Phi_{550}^{2}\ \Phi_{330}^{2}\ \Phi_{150}^{2}\ \Phi_{110}^{2}\ \Phi_{66}^{2}\ \Phi_{50}^{2}\ \Phi_{30}^{2}\ \Phi_{22}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
123056	1666	3104	$\frac{1}{97}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{48}{97}$	$\Phi_{3104}\ \Phi_{97}\ \Phi_{32}^{2}\ \Phi_{1}^{2}$
123057	1666	2328	$\frac{1}{97}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{48}{97}$	$\Phi_{2328}\ \Phi_{1164}\ \Phi_{582}\ \Phi_{291}\ \Phi_{97}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
123058	1666	1940	$\frac{1}{97}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{48}{97}$	$\Phi_{1940}\ \Phi_{970}\ \Phi_{485}\ \Phi_{97}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
123059	1666	1647	$\frac{19}{1647}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{814}{1647}$	$\Phi_{1647}\ \Phi_{549}\ \Phi_{183}\ \Phi_{61}\ \Phi_{27}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
123060	1666	1116	$\frac{4}{279}$	$\frac{1}{9}$	$\frac{283}{1116}$	$\frac{275}{558}$	$\Phi_{1116}^{2}\ \Phi_{372}^{2}\ \Phi_{279}^{2}\ \Phi_{124}^{2}\ \Phi_{93}^{2}\ \Phi_{36}^{2}\ \Phi_{31}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
123061	1666	1170	$\frac{2}{117}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{115}{234}$	$\Phi_{1170}^{3}\ \Phi_{390}^{3}\ \Phi_{234}^{2}\ \Phi_{130}^{3}\ \Phi_{90}^{3}\ \Phi_{78}^{2}\ \Phi_{30}^{3}\ \Phi_{26}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
123062	1666	1056	$\frac{1}{48}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{47}{96}$	$\Phi_{1056}^{3}\ \Phi_{352}^{3}\ \Phi_{96}^{4}\ \Phi_{33}\ \Phi_{32}^{4}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}^{2}$
123063	1666	288	$\frac{1}{48}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{288}^{12}\ \Phi_{96}^{10}\ \Phi_{32}^{10}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
123064	1666	1056	$\frac{1}{48}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{47}{96}$	$\Phi_{1056}^{3}\ \Phi_{352}^{3}\ \Phi_{96}^{4}\ \Phi_{32}^{4}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
123065	1666	1620	$\frac{1}{45}$	$\frac{23}{810}$	$\frac{787}{1620}$	$\frac{22}{45}$	$\Phi_{1620}^{2}\ \Phi_{540}^{2}\ \Phi_{324}^{2}\ \Phi_{180}^{2}\ \Phi_{108}^{2}\ \Phi_{60}^{2}\ \Phi_{45}\ \Phi_{36}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
123066	1666	1215	$\frac{1}{45}$	$\frac{23}{405}$	$\frac{382}{1215}$	$\frac{22}{45}$	$\Phi_{1215}^{2}\ \Phi_{243}^{2}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
123067	1666	900	$\frac{1}{45}$	$\frac{67}{900}$	$\frac{23}{90}$	$\frac{22}{45}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}^{2}\ \Phi_{225}^{2}\ \Phi_{180}^{2}\ \Phi_{150}^{2}\ \Phi_{100}^{2}\ \Phi_{75}^{2}\ \Phi_{60}^{2}\ \Phi_{50}^{2}\ \Phi_{45}\ \Phi_{36}^{2}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
123068	1666	1080	$\frac{1}{45}$	$\frac{23}{270}$	$\frac{247}{1080}$	$\frac{22}{45}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{216}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{108}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
123069	1666	135	$\frac{1}{45}$	$\frac{16}{135}$	$\frac{23}{135}$	$\frac{22}{45}$	$\Phi_{135}^{12}\ \Phi_{45}^{13}\ \Phi_{27}^{12}\ \Phi_{15}^{13}\ \Phi_{9}^{13}\ \Phi_{5}^{13}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
123070	1666	1628	$\frac{19}{814}$	$\frac{1}{37}$	$\frac{18}{37}$	$\frac{795}{1628}$	$\Phi_{1628}^{2}\ \Phi_{148}^{2}\ \Phi_{44}^{2}\ \Phi_{37}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
123071	1666	480	$\frac{1}{40}$	$\frac{1}{15}$	$\frac{41}{160}$	$\frac{39}{80}$	$\Phi_{480}^{5}\ \Phi_{160}^{4}\ \Phi_{120}^{5}\ \Phi_{96}^{5}\ \Phi_{60}^{5}\ \Phi_{40}^{4}\ \Phi_{32}^{4}\ \Phi_{30}^{5}\ \Phi_{24}^{5}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
123072	1666	3480	$\frac{3}{116}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{113}{232}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{696}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
123073	1666	1221	$\frac{1}{37}$	$\frac{19}{407}$	$\frac{388}{1221}$	$\frac{18}{37}$	$\Phi_{1221}^{2}\ \Phi_{111}^{2}\ \Phi_{37}\ \Phi_{33}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
123074	1666	888	$\frac{1}{37}$	$\frac{55}{888}$	$\frac{19}{74}$	$\frac{18}{37}$	$\Phi_{888}^{2}\ \Phi_{444}^{2}\ \Phi_{296}^{2}\ \Phi_{222}^{2}\ \Phi_{148}^{2}\ \Phi_{111}^{2}\ \Phi_{37}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
123075	1666	1620	$\frac{23}{810}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{787}{1620}$	$\Phi_{1620}^{2}\ \Phi_{540}^{2}\ \Phi_{324}^{2}\ \Phi_{180}^{2}\ \Phi_{108}^{2}\ \Phi_{60}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
123076	1666	1620	$\frac{23}{810}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{787}{1620}$	$\Phi_{1620}^{2}\ \Phi_{540}^{2}\ \Phi_{324}^{2}\ \Phi_{180}^{2}\ \Phi_{108}^{2}\ \Phi_{60}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
123077	1666	561	$\frac{1}{33}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{561}^{3}\ \Phi_{187}^{3}\ \Phi_{51}^{4}\ \Phi_{33}\ \Phi_{17}^{4}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}^{2}$
123078	1666	792	$\frac{1}{33}$	$\frac{1}{24}$	$\frac{23}{72}$	$\frac{16}{33}$	$\Phi_{792}^{3}\ \Phi_{396}^{3}\ \Phi_{198}^{3}\ \Phi_{99}^{3}\ \Phi_{72}^{4}\ \Phi_{36}^{4}\ \Phi_{33}\ \Phi_{18}^{4}\ \Phi_{11}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
123079	1666	198	$\frac{1}{33}$	$\frac{1}{18}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{198}^{9}\ \Phi_{99}^{9}\ \Phi_{66}^{7}\ \Phi_{33}^{8}\ \Phi_{22}^{7}\ \Phi_{18}^{8}\ \Phi_{11}^{8}\ \Phi_{9}^{8}\ \Phi_{6}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
123080	1666	1716	$\frac{1}{33}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{286}\ \Phi_{156}\ \Phi_{143}\ \Phi_{78}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{33}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
123081	1666	2112	$\frac{1}{33}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{16}{33}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{33}\ \Phi_{32}^2\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
123082	1666	660	$\frac{1}{33}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{16}{33}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}^3\ \Phi_{110}^3\ \Phi_{60}^4\ \Phi_{55}^3\ \Phi_{33}\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{11}\ \Phi_{10}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
123083	1666	594	$\frac{1}{33}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{16}{33}$	$\Phi_{594}^3\ \Phi_{297}^3\ \Phi_{198}^3\ \Phi_{99}^3\ \Phi_{54}^4\ \Phi_{33}\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{11}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
123084	1666	264	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{16}{33}$	$\Phi_{264}^6\ \Phi_{132}^6\ \Phi_{88}^6\ \Phi_{66}^6\ \Phi_{44}^6\ \Phi_{33}^7\ \Phi_{24}^6\ \Phi_{22}^6\ \Phi_{12}^6\ \Phi_{11}^7\ \Phi_8^{12}\ \Phi_6^6\ \Phi_4^{12}\ \Phi_3^7\ \Phi_2^{12}\ \Phi_1^{14}$
123085	1666	690	$\frac{4}{115}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{111}{230}$	$\Phi_{690}^5\ \Phi_{230}^4\ \Phi_{138}^5\ \Phi_{46}^4\ \Phi_{30}^5\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
123086	1666	720	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{25}{144}$	$\frac{23}{48}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{180}^3\ \Phi_{144}^2\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^2\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123087	1666	1140	$\frac{5}{114}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{109}{228}$	$\Phi_{1140}^3\ \Phi_{380}^3\ \Phi_{228}^2\ \Phi_{76}^2\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123088	1666	333	$\frac{17}{333}$	$\frac{25}{333}$	$\frac{44}{333}$	$\frac{158}{333}$	$\Phi_{333}^5\ \Phi_{111}^5\ \Phi_{37}^5\ \Phi_9^5\ \Phi_3^5\ \Phi_1^6$
123089	1666	1912	$\frac{13}{239}$	$\frac{18}{239}$	$\frac{1}{8}$	$\frac{113}{239}$	$\Phi_{1912}\ \Phi_{956}\ \Phi_{478}$
123090	1666	225	$\frac{13}{225}$	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{106}{225}$	$\Phi_{225}^7\ \Phi_{75}^7\ \Phi_{45}^7\ \Phi_{25}^7\ \Phi_{15}^{13}\ \Phi_9^7\ \Phi_5^{13}\ \Phi_3^{13}\ \Phi_1^{14}$
123091	1666	960	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{127}{960}$	$\frac{113}{240}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123092	1666	2400	$\frac{1}{50}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{2400}^2\ \Phi_{480}^2\ \Phi_{150}\ \Phi_{96}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
123093	1666	3104	$\frac{6}{97}$	$\frac{1}{16}$	$\frac{13}{97}$	$\frac{15}{32}$	$\Phi_{3104}\ \Phi_{97}\ \Phi_{32}^2\ \Phi_1^2$
123094	1666	480	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{15}{32}$	$\Phi_{480}^7\ \Phi_{160}^7\ \Phi_{120}\ \Phi_{96}^7\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
123095	1666	990	$\frac{8}{165}$	$\frac{1}{15}$	$\frac{157}{990}$	$\frac{7}{15}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123096	1666	900	$\frac{1}{15}$	$\frac{67}{900}$	$\frac{8}{75}$	$\frac{7}{15}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123097	1666	1560	$\frac{1}{15}$	$\frac{53}{780}$	$\frac{7}{60}$	$\frac{727}{1560}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}^2\ \Phi_{120}^2\ \Phi_{104}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123098	1666	222	$\frac{7}{111}$	$\frac{8}{111}$	$\frac{13}{111}$	$\frac{103}{222}$	$\Phi_{222}^{14}\ \Phi_{111}\ \Phi_{74}^{14}\ \Phi_{37}\ \Phi_6^{14}\ \Phi_3\ \Phi_2^{14}\ \Phi_1^2$
123099	1666	2301	$\frac{1}{59}$	$\frac{1}{13}$	$\frac{58}{177}$	$\frac{6}{13}$	$\Phi_{2301}\ \Phi_{177}^2\ \Phi_{39}\ \Phi_{13}\ \Phi_3^2\ \Phi_1^2$
123100	1666	767	$\frac{3}{59}$	$\frac{1}{13}$	$\frac{8}{59}$	$\frac{6}{13}$	$\Phi_{767}^2\ \Phi_{59}^4\ \Phi_{13}^3\ \Phi_1^6$
123101	1666	936	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{6}{13}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}\ \Phi_{156}^2\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}^4\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{18}^2\ \Phi_{13}\ \Phi_{12}^4\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
123102	1666	660	$\frac{1}{15}$	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{220}$	$\Phi_{660}^5\ \Phi_{220}^4\ \Phi_{132}^5\ \Phi_{60}^5\ \Phi_{44}^4\ \Phi_{30}^5\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
123103	1666	90	$\frac{1}{45}$	$\frac{4}{45}$	$\frac{11}{45}$	$\frac{41}{90}$	$\Phi_{90}^{34}\ \Phi_{45}^3\ \Phi_{30}^{34}\ \Phi_{18}^{34}\ \Phi_{15}^3\ \Phi_{10}^{34}\ \Phi_9^3\ \Phi_6^{34}\ \Phi_5^3\ \Phi_3^3\ \Phi_2^{34}\ \Phi_1^4$
123104	1666	630	$\frac{1}{35}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{630}^5\ \Phi_{210}^5\ \Phi_{126}^5\ \Phi_{90}^4\ \Phi_{70}^5\ \Phi_{42}^5\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{14}^5\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
123105	1666	90	$\frac{1}{18}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{90}$	$\Phi_{90}^{16}\ \Phi_{45}^{18}\ \Phi_{30}^{16}\ \Phi_{18}^{24}\ \Phi_{15}^{18}\ \Phi_{10}^{16}\ \Phi_9^{25}\ \Phi_6^{24}\ \Phi_5^{18}\ \Phi_3^{25}\ \Phi_2^{24}\ \Phi_1^{26}$
123106	1666	990	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{5}{11}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}\ \Phi_{90}^2\ \Phi_{66}\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{22}\ \Phi_{15}^2\ \Phi_{10}^2$
123107	1666	420	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{105}^5\ \Phi_{84}^5\ \Phi_{70}^5\ \Phi_{60}^4\ \Phi_{42}^5\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{21}^5\ \Phi_{15}^4\ \Phi_{14}^5\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
123108	1666	1080	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{216}$	$\Phi_{1080}^3\ \Phi_{360}^3\ \Phi_{216}^2\ \Phi_{120}^3\ \Phi_{72}^2\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123109	1666	1242	$\frac{5}{414}$	$\frac{1}{9}$	$\frac{409}{1242}$	$\frac{4}{9}$	$\Phi_{1242}^2\ \Phi_{621}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
123110	1666	846	$\frac{13}{846}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{846}^2\ \Phi_{423}^2\ \Phi_{282}^2\ \Phi_{141}^2\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
123111	1666	1035	$\frac{5}{207}$	$\frac{1}{9}$	$\frac{202}{1035}$	$\frac{4}{9}$	$\Phi_{1035}^2\ \Phi_{345}^2\ \Phi_{115}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
123112	1666	864	$\frac{31}{864}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
123113	1666	54	$\frac{1}{18}$	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{54}^{34}\ \Phi_{27}^{34}\ \Phi_{18}^{24}\ \Phi_{9}^{25}\ \Phi_{6}^{24}\ \Phi_{3}^{25}\ \Phi_{2}^{24}\ \Phi_{1}^{26}$
123114	1666	792	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{88}$	$\Phi_{792}^{4}\ \Phi_{264}^{4}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}^{2}\ \Phi_{72}^{4}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}^{4}\ \Phi_{22}\ \Phi_{8}^{2}$
123115	1666	333	$\frac{11}{333}$	$\frac{41}{333}$	$\frac{46}{333}$	$\frac{146}{333}$	$\Phi_{333}^{5}\ \Phi_{111}^{5}\ \Phi_{37}^{5}\ \Phi_{9}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
123116	1666	1920	$\frac{1}{15}$	$\frac{9}{128}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
123117	1666	198	$\frac{1}{18}$	$\frac{8}{99}$	$\frac{13}{99}$	$\frac{43}{99}$	$\Phi_{198}^{9}\ \Phi_{99}^{8}\ \Phi_{66}^{9}\ \Phi_{33}^{8}\ \Phi_{22}^{9}\ \Phi_{18}^{8}\ \Phi_{11}^{8}\ \Phi_{9}^{7}\ \Phi_{6}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
123118	1666	990	$\frac{1}{99}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{990}^{3}\ \Phi_{330}^{3}\ \Phi_{198}^{3}\ \Phi_{110}^{3}\ \Phi_{99}^{2}\ \Phi_{90}^{3}\ \Phi_{66}^{3}\ \Phi_{33}^{2}\ \Phi_{30}^{2}\ \Phi_{22}^{3}\ \Phi_{18}^{3}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
123119	1666	150	$\frac{1}{50}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{150}^{10}\ \Phi_{75}^{10}\ \Phi_{50}^{14}\ \Phi_{30}^{8}\ \Phi_{25}^{14}\ \Phi_{15}^{10}\ \Phi_{10}^{12}\ \Phi_{6}^{8}\ \Phi_{5}^{13}\ \Phi_{3}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
123120	1666	30	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{30}$	$\Phi_{30}^{98}\ \Phi_{15}^{13}\ \Phi_{10}^{98}\ \Phi_{6}^{98}\ \Phi_{5}^{13}\ \Phi_{3}^{13}\ \Phi_{2}^{98}\ \Phi_{1}^{14}$
123121	1666	37	$\frac{2}{37}$	$\frac{3}{37}$	$\frac{5}{37}$	$\frac{16}{37}$	$\Phi_{37}^{45}\ \Phi_{1}^{46}$
123122	1666	1912	$\frac{8}{239}$	$\frac{1}{8}$	$\frac{33}{239}$	$\frac{103}{239}$	$\Phi_{1912}\ \Phi_{956}\ \Phi_{478}$
123123	1666	1050	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{1050}^{2}\ \Phi_{525}^{2}\ \Phi_{350}\ \Phi_{210}^{2}\ \Phi_{175}\ \Phi_{150}^{2}\ \Phi_{105}^{2}\ \Phi_{75}^{2}\ \Phi_{70}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{14}\ \Phi_{6}^{2}$
123124	1666	864	$\frac{31}{864}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{864}^{2}\ \Phi_{432}^{2}\ \Phi_{288}^{2}\ \Phi_{216}^{2}\ \Phi_{144}^{2}\ \Phi_{108}^{2}\ \Phi_{96}^{2}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{32}^{2}\ \Phi_{27}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
123125	1666	1440	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{113}{720}$	$\frac{607}{1440}$	$\Phi_{1440}^{2}\ \Phi_{480}^{2}\ \Phi_{288}^{2}\ \Phi_{160}^{2}\ \Phi_{120}^{2}\ \Phi_{96}^{2}\ \Phi_{60}^{2}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
123126	1666	120	$\frac{1}{120}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{120}^{14}\ \Phi_{60}^{14}\ \Phi_{40}^{14}\ \Phi_{30}^{14}\ \Phi_{24}^{14}\ \Phi_{20}^{14}\ \Phi_{15}^{14}\ \Phi_{12}^{12}\ \Phi_{10}^{14}\ \Phi_{8}^{14}\ \Phi_{6}^{14}\ \Phi_{5}^{14}\ \Phi_{4}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
123127	1666	792	$\frac{1}{99}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{792}^{3}\ \Phi_{264}^{3}\ \Phi_{198}^{3}\ \Phi_{99}^{2}\ \Phi_{88}^{3}\ \Phi_{72}^{3}\ \Phi_{66}^{3}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{3}\ \Phi_{18}^{3}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
123128	1666	948	$\frac{1}{79}$	$\frac{1}{6}$	$\frac{39}{158}$	$\frac{5}{12}$	$\Phi_{948}^{3}\ \Phi_{316}^{3}\ \Phi_{158}^{2}\ \Phi_{79}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
123129	1666	948	$\frac{2}{79}$	$\frac{11}{79}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{948}^{3}\ \Phi_{316}^{3}\ \Phi_{79}^{3}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
123130	1666	840	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{840}^{2}\ \Phi_{420}\ \Phi_{280}^{3}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{140}^{2}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{84}\ \Phi_{70}^{3}\ \Phi_{60}\ \Phi_{56}^{3}\ \Phi_{42}^{2}\ \Phi_{40}^{3}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{3}\ \Phi_{10}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{2}$
123131	1666	948	$\frac{13}{237}$	$\frac{16}{237}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{948}^{3}\ \Phi_{316}^{3}\ \Phi_{237}\ \Phi_{79}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
123132	1666	180	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{180}^{18}\ \Phi_{90}^{3}\ \Phi_{60}^{15}\ \Phi_{45}^{3}\ \Phi_{36}^{12}\ \Phi_{30}^{3}\ \Phi_{20}^{15}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{10}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
123133	1666	600	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{19}{100}$	$\frac{81}{200}$	$\Phi_{600}^{5}\ \Phi_{200}^{4}\ \Phi_{120}^{5}\ \Phi_{60}^{5}\ \Phi_{40}^{4}\ \Phi_{30}^{5}\ \Phi_{24}^{5}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
123134	1666	1395	$\frac{8}{279}$	$\frac{1}{9}$	$\frac{271}{1395}$	$\frac{562}{1395}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}^{2}\ \Phi_{155}\ \Phi_{93}^{2}\ \Phi_{45}\ \Phi_{31}^{2}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
123135	1666	4170	$\frac{1}{139}$	$\frac{138}{695}$	$\frac{1}{3}$	$\frac{557}{1390}$	$\Phi_{4170}\ \Phi_{834}\ \Phi_{417}\ \Phi_{30}\ \Phi_{6}$
123136	1666	1245	$\frac{3}{415}$	$\frac{1}{5}$	$\frac{412}{1245}$	$\frac{2}{5}$	$\Phi_{1245}^{2}\ \Phi_{249}^{2}\ \Phi_{15}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
123137	1666	120	$\frac{1}{120}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{120}^{14}\ \Phi_{60}^{14}\ \Phi_{40}^{14}\ \Phi_{30}^{14}\ \Phi_{24}^{14}\ \Phi_{20}^{14}\ \Phi_{15}^{14}\ \Phi_{12}^{14}\ \Phi_{10}^{12}\ \Phi_{8}^{14}\ \Phi_{6}^{14}\ \Phi_{5}^{13}\ \Phi_{4}^{14}\ \Phi_{3}^{14}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
123138	1666	100	$\frac{1}{50}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{100}^{20}\ \Phi_{50}^{14}\ \Phi_{25}^{14}\ \Phi_{20}^{18}\ \Phi_{10}^{12}\ \Phi_{5}^{13}\ \Phi_{4}^{18}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
123139	1666	700	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{700}^{4}\ \Phi_{350}\ \Phi_{175}\ \Phi_{140}^{4}\ \Phi_{100}^{4}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{20}^{4}\ \Phi_{14}\ \Phi_{4}^{2}$
123140	1666	560	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{560}^{5}\ \Phi_{112}^{5}\ \Phi_{80}^{4}\ \Phi_{70}^{5}\ \Phi_{35}^{4}\ \Phi_{16}^{4}\ \Phi_{14}^{5}\ \Phi_{10}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
123141	1666	960	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{23}{96}$	$\frac{73}{192}$	$\Phi_{960}^{3}\ \Phi_{320}^{3}\ \Phi_{192}^{2}\ \Phi_{120}^{3}\ \Phi_{64}^{2}\ \Phi_{60}^{3}\ \Phi_{40}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
123142	1666	1332	$\frac{1}{111}$	$\frac{55}{222}$	$\frac{167}{666}$	$\frac{499}{1332}$	$\Phi_{1332}^{2}\ \Phi_{444}^{2}\ \Phi_{222}^{2}\ \Phi_{148}^{2}\ \Phi_{111}\ \Phi_{74}^{2}\ \Phi_{37}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
123143	1666	185	$\frac{3}{185}$	$\frac{26}{185}$	$\frac{53}{185}$	$\frac{66}{185}$	$\Phi_{185}^{9}\ \Phi_{37}^{9}\ \Phi_{5}^{9}\ \Phi_{1}^{10}$
123144	1666	180	$\frac{1}{30}$	$\frac{1}{15}$	$\frac{29}{90}$	$\frac{61}{180}$	$\Phi_{180}^{14}\ \Phi_{60}^{14}\ \Phi_{36}^{14}\ \Phi_{30}^{14}\ \Phi_{20}^{14}\ \Phi_{15}^{13}\ \Phi_{12}^{14}\ \Phi_{10}^{14}\ \Phi_{6}^{14}\ \Phi_{5}^{13}\ \Phi_{4}^{14}\ \Phi_{3}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
123145	1666	1251	$\frac{2}{417}$	$\frac{415}{1251}$	$\frac{1}{3}$	$\frac{418}{1251}$	$\Phi_{1251}\ \Phi_{417}^{2}\ \Phi_{139}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
123146	1666	360	$\frac{1}{120}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^2\ \Phi_{90}^6\ \Phi_{72}^6\ \Phi_{60}^2\ \Phi_{45}^6\ \Phi_{40}^2\ \Phi_{36}^6\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2$ $\Phi_{18}^6\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^4\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123147	1666	306	$\frac{2}{51}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{306}^6\ \Phi_{153}^6\ \Phi_{102}^6\ \Phi_{51}^4\ \Phi_{34}^6\ \Phi_{18}^2\ \Phi_{17}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123148	1666	711	$\frac{2}{237}$	$\frac{2}{9}$	$\frac{235}{711}$	$\frac{1}{3}$	$\Phi_{711}^2\ \Phi_{237}^3\ \Phi_{79}^3\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
123149	1666	1242	$\frac{5}{414}$	$\frac{1}{6}$	$\frac{409}{1242}$	$\frac{1}{3}$	$\Phi_{1242}^2\ \Phi_{621}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123150	1666	1416	$\frac{1}{59}$	$\frac{1}{8}$	$\frac{58}{177}$	$\frac{1}{3}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{472}^2\ \Phi_{354}\ \Phi_{236}^2\ \Phi_{118}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
123151	1666	72	$\frac{1}{24}$	$\frac{1}{18}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{72}^{22}\ \Phi_{36}^{22}\ \Phi_{24}^{24}\ \Phi_{18}^{24}\ \Phi_{12}^{24}\ \Phi_9^{24}\ \Phi_8^{24}\ \Phi_6^{26}\ \Phi_4^{24}\ \Phi_3^{25}\ \Phi_2^{26}\ \Phi_1^{26}$
123152	1666	600	$\frac{1}{50}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^4\ \Phi_{150}^3\ \Phi_{120}^2\ \Phi_{100}^4\ \Phi_{75}^3\ \Phi_{60}^2\ \Phi_{50}^4\ \Phi_{40}^4\ \Phi_{30}^3$ $\Phi_{25}^4\ \Phi_{24}\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{12}\ \Phi_{10}^4\ \Phi_8^2\ \Phi_6^2\ \Phi_5^4\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123153	1666	846	$\frac{13}{846}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{846}^2\ \Phi_{423}^2\ \Phi_{282}^2\ \Phi_{141}^2\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123154	1666	300	$\frac{1}{50}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^8\ \Phi_{150}^9\ \Phi_{75}^9\ \Phi_{60}^7\ \Phi_{30}^8\ \Phi_{15}^8\ \Phi_{12}^8\ \Phi_6^9\ \Phi_3^8$
123155	1666	468	$\frac{1}{18}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^3\ \Phi_{117}^4\ \Phi_{78}^3\ \Phi_{52}^4\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{18}^2\ \Phi_{13}^4\ \Phi_9^2\ \Phi_6^2$ $\Phi_3\ \Phi_2^2\ \Phi_1^2$
123156	1666	1422	$\frac{1}{79}$	$\frac{2}{9}$	$\frac{39}{158}$	$\frac{1}{3}$	$\Phi_{1422}^2\ \Phi_{711}\ \Phi_{158}^2\ \Phi_{79}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
123157	1666	1104	$\frac{5}{276}$	$\frac{1}{6}$	$\frac{271}{1104}$	$\frac{1}{3}$	$\Phi_{1104}^2\ \Phi_{552}^2\ \Phi_{368}^2\ \Phi_{184}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123158	1666	780	$\frac{2}{39}$	$\frac{1}{15}$	$\frac{37}{156}$	$\frac{1}{3}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{260}^3\ \Phi_{156}^2\ \Phi_{130}^3\ \Phi_{78}^2\ \Phi_{60}^3\ \Phi_{52}^2\ \Phi_{30}^3\ \Phi_{26}^2\ \Phi_{20}^3\ \Phi_{15}^2$ $\Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123159	1666	576	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{576}^4\ \Phi_{288}^4\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^4\ \Phi_{32}^4\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123160	1666	1122	$\frac{2}{51}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{1122}^2\ \Phi_{561}\ \Phi_{374}^2\ \Phi_{187}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{22}^2\ \Phi_{17}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
123161	1666	711	$\frac{2}{79}$	$\frac{11}{79}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{711}^3\ \Phi_{79}^3\ \Phi_9^4\ \Phi_1^4$
123162	1666	2520	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}$ $\Phi_{90}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
123163	1666	711	$\frac{13}{237}$	$\frac{16}{237}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{711}^3\ \Phi_{237}\ \Phi_{79}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
123164	1666	90	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{90}^{21}\ \Phi_{45}^{18}\ \Phi_{30}^{21}\ \Phi_{18}^{14}\ \Phi_{15}^{20}\ \Phi_{10}^{21}\ \Phi_9^{12}\ \Phi_6^{14}\ \Phi_5^{20}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
123165	1666	180	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}^{10}\ \Phi_{45}^{12}\ \Phi_{30}^{10}\ \Phi_{20}^{10}\ \Phi_{18}^2\ \Phi_{15}^{10}\ \Phi_{10}^{10}\ \Phi_9^2\ \Phi_6^2\ \Phi_5^{10}\ \Phi_3$ $\Phi_2^2\ \Phi_1^2$
123166	1666	864	$\frac{31}{864}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{32}^2$ $\Phi_{27}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123167	1666	138	$\frac{5}{138}$	$\frac{19}{138}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{138}^{12}\ \Phi_{69}^{12}\ \Phi_{46}^{12}\ \Phi_{23}^{12}\ \Phi_6^{14}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
123168	1666	54	$\frac{1}{18}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{54}^{34}\ \Phi_{27}^{34}\ \Phi_{18}^{24}\ \Phi_9^{24}\ \Phi_6^{26}\ \Phi_3^{25}\ \Phi_2^{26}\ \Phi_1^{26}$
123169	1666	1416	$\frac{3}{59}$	$\frac{1}{8}$	$\frac{8}{59}$	$\frac{1}{3}$	$\Phi_{1416}^2\ \Phi_{708}^2\ \Phi_{354}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3$
123170	1666	834	$\frac{43}{834}$	$\frac{103}{834}$	$\frac{113}{834}$	$\frac{1}{3}$	$\Phi_{834}^2\ \Phi_{417}^2\ \Phi_{278}^2\ \Phi_{139}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123171	1666	72	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{72}^{24}\ \Phi_{36}^{24}\ \Phi_{24}^{18}\ \Phi_{18}^{26}\ \Phi_{12}^{18}\ \Phi_9^{26}\ \Phi_8^{24}\ \Phi_6^{20}\ \Phi_4^{24}\ \Phi_3^{19}\ \Phi_2^{26}\ \Phi_1^{26}$
123172	1666	792	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{23}{72}$	$\Phi_{792}^3\ \Phi_{396}^3\ \Phi_{198}^3\ \Phi_{99}^3\ \Phi_{72}^4\ \Phi_{36}^4\ \Phi_{22}^2\ \Phi_{18}^4\ \Phi_{11}\ \Phi_9^4\ \Phi_2^2\ \Phi_1^2$
123173	1666	1215	$\frac{23}{405}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{382}{1215}$	$\Phi_{1215}^2\ \Phi_{243}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
123174	1666	1080	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{247}{1080}$	$\frac{113}{360}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{40}^2\ \Phi_{30}^2$ $\Phi_{27}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123175	1666	720	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{25}{144}$	$\frac{11}{36}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{144}^2\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{72}^2\ \Phi_{60}^3\ \Phi_{48}^2\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^2$ $\Phi_{20}^3\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123176	1666	2328	$\frac{6}{97}$	$\frac{1}{8}$	$\frac{13}{97}$	$\frac{7}{24}$	$\Phi_{2328}\ \Phi_{1164}\ \Phi_{582}\ \Phi_{291}\ \Phi_{97}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
123177	1666	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{120}^{15}\ \Phi_{60}^{15}\ \Phi_{40}^{15}\ \Phi_{30}^{15}\ \Phi_{24}^8\ \Phi_{20}^{15}\ \Phi_{15}^{14}\ \Phi_{12}^8\ \Phi_{10}^{15}\ \Phi_8^{14}\ \Phi_6^8\ \Phi_5^{14}\ \Phi_4^{14}$ $\Phi_3^7\ \Phi_2^{14}\ \Phi_1^{14}$
123178	1666	135	$\frac{1}{15}$	$\frac{16}{135}$	$\frac{2}{15}$	$\frac{13}{45}$	$\Phi_{135}^{14}\ \Phi_{45}^7\ \Phi_{27}^{14}\ \Phi_{15}^{13}\ \Phi_9^7\ \Phi_5^{13}\ \Phi_3^{13}\ \Phi_1^{14}$
123179	1666	891	$\frac{58}{891}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{81}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
123180	1666	270	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{135}$	$\Phi_{270}^{9}\ \Phi_{135}^{8}\ \Phi_{54}^{9}\ \Phi_{27}^{8}\ \Phi_{18}^{8}\ \Phi_{9}^{7}\ \Phi_{6}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
123181	1666	450	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{450}^{5}\ \Phi_{225}^{5}\ \Phi_{90}^{5}\ \Phi_{50}^{4}\ \Phi_{45}^{4}\ \Phi_{25}^{4}\ \Phi_{18}^{5}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
123182	1666	420	$\frac{1}{35}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{140}^{5}\ \Phi_{84}^{5}\ \Phi_{70}^{5}\ \Phi_{60}^{4}\ \Phi_{42}^{5}\ \Phi_{35}^{4}\ \Phi_{30}^{4}\ \Phi_{28}^{5}\ \Phi_{20}^{4}\ \Phi_{14}^{5}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
123183	1666	198	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{198}^{9}\ \Phi_{99}^{9}\ \Phi_{66}^{7}\ \Phi_{33}^{7}\ \Phi_{22}^{9}\ \Phi_{18}^{8}\ \Phi_{11}^{8}\ \Phi_{9}^{8}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
123184	1666	900	$\frac{1}{15}$	$\frac{67}{900}$	$\frac{7}{30}$	$\frac{23}{90}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}^{2}\ \Phi_{225}^{2}\ \Phi_{180}^{2}\ \Phi_{150}^{2}\ \Phi_{100}^{2}\ \Phi_{75}^{2}\ \Phi_{60}^{2}\ \Phi_{50}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
123185	1666	572	$\frac{3}{52}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{572}^{3}\ \Phi_{286}^{3}\ \Phi_{143}^{3}\ \Phi_{52}^{4}\ \Phi_{26}^{4}\ \Phi_{22}^{2}\ \Phi_{13}^{4}\ \Phi_{11}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
123186	1666	1940	$\frac{6}{97}$	$\frac{13}{97}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1940}\ \Phi_{970}\ \Phi_{485}\ \Phi_{97}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
123187	1666	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{120}^{17}\ \Phi_{60}^{13}\ \Phi_{40}^{13}\ \Phi_{30}^{13}\ \Phi_{24}^{17}\ \Phi_{20}^{10}\ \Phi_{15}^{12}\ \Phi_{12}^{13}\ \Phi_{10}^{10}\ \Phi_{8}^{16}\ \Phi_{6}^{13}\ \Phi_{5}^{9}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
123188	1666	704	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{15}{64}$	$\Phi_{704}^{3}\ \Phi_{352}^{3}\ \Phi_{64}^{4}\ \Phi_{32}^{4}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
123189	1666	1080	$\frac{1}{15}$	$\frac{23}{270}$	$\frac{247}{1080}$	$\frac{7}{30}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{216}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{108}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
123190	1666	1080	$\frac{23}{270}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{247}{1080}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{216}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{108}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
123191	1666	660	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{60}$	$\frac{5}{22}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{220}^{3}\ \Phi_{165}^{3}\ \Phi_{110}^{3}\ \Phi_{60}^{4}\ \Phi_{55}^{3}\ \Phi_{30}^{4}\ \Phi_{22}^{2}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{11}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
123192	1666	594	$\frac{1}{11}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{5}{22}$	$\Phi_{594}^{3}\ \Phi_{297}^{3}\ \Phi_{198}^{3}\ \Phi_{99}^{3}\ \Phi_{54}^{4}\ \Phi_{27}^{4}\ \Phi_{22}^{2}\ \Phi_{18}^{4}\ \Phi_{11}\ \Phi_{9}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
123193	1666	88	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{5}{22}$	$\Phi_{88}^{18}\ \Phi_{44}^{18}\ \Phi_{22}^{20}\ \Phi_{11}^{19}\ \Phi_{8}^{24}\ \Phi_{4}^{24}\ \Phi_{2}^{26}\ \Phi_{1}^{26}$
123194	1666	150	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{31}{150}$	$\Phi_{150}^{14}\ \Phi_{75}^{7}\ \Phi_{50}^{14}\ \Phi_{30}^{14}\ \Phi_{25}^{7}\ \Phi_{15}^{13}\ \Phi_{10}^{14}\ \Phi_{6}^{14}\ \Phi_{5}^{13}\ \Phi_{3}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
123195	1666	135	$\frac{1}{9}$	$\frac{16}{135}$	$\frac{4}{27}$	$\frac{23}{135}$	$\Phi_{135}^{12}\ \Phi_{45}^{12}\ \Phi_{27}^{14}\ \Phi_{15}^{12}\ \Phi_{9}^{13}\ \Phi_{5}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
123196	1666	972	$\frac{1}{9}$	$\frac{23}{162}$	$\frac{139}{972}$	$\frac{4}{27}$	$\Phi_{972}^{2}\ \Phi_{486}^{2}\ \Phi_{324}^{2}\ \Phi_{243}^{2}\ \Phi_{108}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
123197	1667	2856	$\frac{1}{238}$	$\frac{239}{1428}$	$\frac{1189}{2856}$	$\frac{237}{476}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{476}\ \Phi_{408}\ \Phi_{168}\ \Phi_{136}\ \Phi_{68}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
123198	1667	3304	$\frac{15}{1652}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{1637}{3304}$	$\Phi_{3304}\ \Phi_{472}\ \Phi_{56}\ \Phi_{28}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
123199	1667	3136	$\frac{1}{98}$	$\frac{99}{1568}$	$\frac{1469}{3136}$	$\frac{97}{196}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{196}\ \Phi_{64}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
123200	1667	2352	$\frac{1}{98}$	$\frac{99}{784}$	$\frac{685}{2352}$	$\frac{97}{196}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{196}\ \Phi_{168}\ \Phi_{147}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
123201	1667	1960	$\frac{1}{98}$	$\frac{293}{1960}$	$\frac{99}{392}$	$\frac{97}{196}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{280}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
123202	1667	3276	$\frac{29}{1638}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1609}{3276}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}\ \Phi_{156}\ \Phi_{84}\ \Phi_{52}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
123203	1667	3264	$\frac{35}{1632}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{1597}{3264}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{192}\ \Phi_{68}\ \Phi_{64}\ \Phi_{4}\ \Phi_{1}$
123204	1667	3264	$\frac{35}{1632}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1597}{3264}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{192}\ \Phi_{64}\ \Phi_{51}\ \Phi_{3}\ \Phi_{1}$
123205	1667	2240	$\frac{13}{560}$	$\frac{1}{14}$	$\frac{573}{2240}$	$\frac{547}{1120}$	$\Phi_{2240}\ \Phi_{560}\ \Phi_{448}\ \Phi_{320}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{64}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
123206	1667	3248	$\frac{43}{1624}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1581}{3248}$	$\Phi_{3248}\ \Phi_{464}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
123207	1667	2244	$\frac{16}{561}$	$\frac{1}{17}$	$\frac{577}{2244}$	$\frac{545}{1122}$	$\Phi_{2244}\ \Phi_{748}\ \Phi_{561}\ \Phi_{204}\ \Phi_{187}\ \Phi_{132}\ \Phi_{68}\ \Phi_{51}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
123208	1667	2448	$\frac{1}{34}$	$\frac{35}{816}$	$\frac{781}{2448}$	$\frac{33}{68}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{144}\ \Phi_{72}\ \Phi_{68}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
123209	1667	1768	$\frac{1}{34}$	$\frac{101}{1768}$	$\frac{35}{136}$	$\frac{33}{68}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{442}\ \Phi_{221}\ \Phi_{104}\ \Phi_{68}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
123210	1667	2176	$\frac{1}{34}$	$\frac{35}{544}$	$\frac{509}{2176}$	$\frac{33}{68}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{128}\ \Phi_{68}\ \Phi_{64}\ \Phi_{4}\ \Phi_{1}$
123211	1667	2040	$\frac{1}{34}$	$\frac{35}{408}$	$\frac{373}{2040}$	$\frac{33}{68}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{120}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
123212	1667	1836	$\frac{1}{34}$	$\frac{169}{1836}$	$\frac{35}{204}$	$\frac{33}{68}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{153}\ \Phi_{108}\ \Phi_{68}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
123213	1667	1904	$\frac{1}{34}$	$\frac{237}{1904}$	$\frac{35}{272}$	$\frac{33}{68}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{119}\ \Phi_{112}\ \Phi_{68}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
123214	1667	3220	$\frac{57}{1610}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1553}{3220}$	$\Phi_{3220}\ \Phi_{644}\ \Phi_{460}\ \Phi_{140}\ \Phi_{92}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
123215	1667	2016	$\frac{13}{336}$	$\frac{1}{14}$	$\frac{349}{2016}$	$\frac{323}{672}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
123216	1667	3192	$\frac{71}{1596}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1525}{3192}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{168}\ \Phi_{152}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
123217	1667	3136	$\frac{99}{1568}$	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1469}{3136}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
123218	1667	3080	$\frac{1}{14}$	$\frac{127}{1540}$	$\frac{13}{140}$	$\frac{1413}{3080}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{140}\ \Phi_{88}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
123219	1667	1870	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{203}{1870}$	$\frac{171}{374}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{187}\ \Phi_{170}\ \Phi_{110}\ \Phi_{85}\ \Phi_{55}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
123220	1667	3060	$\frac{1}{34}$	$\frac{137}{1530}$	$\frac{33}{170}$	$\frac{1393}{3060}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{204}\ \Phi_{180}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
123221	1667	3060	$\frac{1}{17}$	$\frac{137}{1530}$	$\frac{16}{153}$	$\frac{1393}{3060}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{204}\ \Phi_{180}\ \Phi_{153}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
123222	1667	2040	$\frac{1}{34}$	$\frac{33}{340}$	$\frac{373}{2040}$	$\frac{307}{680}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{120}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
123223	1667	3024	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{155}{1512}$	$\frac{1357}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
123224	1667	1836	$\frac{1}{17}$	$\frac{169}{1836}$	$\frac{16}{153}$	$\frac{137}{306}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{204}\ \Phi_{153}\ \Phi_{108}\ \Phi_{68}\ \Phi_{54}\ \Phi_{51}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
123225	1667	2992	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{171}{1496}$	$\frac{1325}{2992}$	$\Phi_{2992}\ \Phi_{272}\ \Phi_{187}\ \Phi_{176}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
123226	1667	1792	$\frac{125}{1792}$	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{99}{224}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{128}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
123227	1667	2940	$\frac{1}{98}$	$\frac{197}{1470}$	$\frac{97}{294}$	$\frac{1273}{2940}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
123228	1667	2940	$\frac{1}{49}$	$\frac{197}{1470}$	$\frac{48}{245}$	$\frac{1273}{2940}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
123229	1667	2940	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{197}{1470}$	$\frac{1273}{2940}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{210}\ \Phi_{196}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
123230	1667	2058	$\frac{1}{49}$	$\frac{48}{343}$	$\frac{391}{2058}$	$\frac{295}{686}$	$\Phi_{2058}\ \Phi_{1029}\ \Phi_{343}\ \Phi_{294}\ \Phi_{147}\ \Phi_{42}\ \Phi_{21}\ \Phi_6\ \Phi_3\ \Phi_1$
123231	1667	2352	$\frac{1}{98}$	$\frac{97}{588}$	$\frac{685}{2352}$	$\frac{491}{1176}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
123232	1667	2856	$\frac{1}{119}$	$\frac{239}{1428}$	$\frac{118}{357}$	$\frac{1189}{2856}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{357}\ \Phi_{168}\ \Phi_{136}\ \Phi_{56}\ \Phi_{51}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_3\ \Phi_1$
123233	1667	2800	$\frac{13}{280}$	$\frac{1}{14}$	$\frac{267}{1400}$	$\frac{1133}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
123234	1667	1960	$\frac{1}{49}$	$\frac{293}{1960}$	$\frac{48}{245}$	$\frac{197}{490}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
123235	1667	2380	$\frac{1}{119}$	$\frac{118}{595}$	$\frac{713}{2380}$	$\frac{477}{1190}$	$\Phi_{2380}\ \Phi_{595}\ \Phi_{476}\ \Phi_{340}\ \Phi_{140}\ \Phi_{85}\ \Phi_{68}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
123236	1667	2744	$\frac{1}{49}$	$\frac{48}{343}$	$\frac{295}{1372}$	$\frac{1077}{2744}$	$\Phi_{2744}\ \Phi_{392}\ \Phi_{343}\ \Phi_{56}\ \Phi_8\ \Phi_1$
123237	1667	2720	$\frac{1}{34}$	$\frac{33}{340}$	$\frac{307}{1360}$	$\frac{1053}{2720}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{340}\ \Phi_{170}\ \Phi_{160}\ \Phi_{85}\ \Phi_{68}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
123238	1667	2688	$\frac{13}{336}$	$\frac{1}{14}$	$\frac{323}{1344}$	$\frac{1021}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{336}\ \Phi_{168}\ \Phi_{128}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
123239	1667	1734	$\frac{67}{1734}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{1734}\ \Phi_{867}\ \Phi_{578}\ \Phi_{289}\ \Phi_{51}\ \Phi_3\ \Phi_1$
123240	1667	2520	$\frac{13}{420}$	$\frac{1}{14}$	$\frac{407}{1260}$	$\frac{853}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{72}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
123241	1667	2142	$\frac{1}{119}$	$\frac{475}{2142}$	$\frac{118}{357}$	$\frac{239}{714}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{357}\ \Phi_{306}\ \Phi_{153}\ \Phi_{126}\ \Phi_{63}\ \Phi_{51}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
123242	1667	2448	$\frac{35}{816}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{781}{2448}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{144}\ \Phi_{72}\ \Phi_{51}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
123243	1667	2040	$\frac{1}{17}$	$\frac{35}{408}$	$\frac{373}{2040}$	$\frac{16}{51}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{120}\ \Phi_{85}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
123244	1667	1836	$\frac{1}{17}$	$\frac{169}{1836}$	$\frac{35}{204}$	$\frac{16}{51}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{153}\ \Phi_{108}\ \Phi_{54}\ \Phi_{51}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
123245	1667	2184	$\frac{29}{546}$	$\frac{1}{14}$	$\frac{517}{2184}$	$\frac{13}{42}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{364}\ \Phi_{312}\ \Phi_{168}\ \Phi_{156}\ \Phi_{104}\ \Phi_{84}\ \Phi_{56}\ \Phi_{52}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
123246	1667	1764	$\frac{97}{1764}$	$\frac{1}{14}$	$\frac{29}{126}$	$\frac{13}{42}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{49}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
123247	1667	2016	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{349}{2016}$	$\frac{155}{504}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
123248	1667	2352	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{99}{784}$	$\frac{685}{2352}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
123249	1667	2295	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{137}{765}$	$\frac{628}{2295}$	$\Phi_{2295}\ \Phi_{459}\ \Phi_{153}\ \Phi_{135}\ \Phi_{51}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
123250	1667	2040	$\frac{1}{34}$	$\frac{373}{2040}$	$\frac{33}{170}$	$\frac{137}{510}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{408}\ \Phi_{340}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
123251	1667	2205	$\frac{1}{49}$	$\frac{48}{245}$	$\frac{538}{2205}$	$\frac{197}{735}$	$\Phi_{2205}\ \Phi_{441}\ \Phi_{315}\ \Phi_{245}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
123252	1667	2244	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{171}{748}$	$\frac{577}{2244}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{561}\ \Phi_{204}\ \Phi_{187}\ \Phi_{132}\ \Phi_{102}\ \Phi_{66}\ \Phi_{51}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
123253	1668	2496	$\frac{1}{416}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{415}{832}$	$\Phi_{2496}\ \Phi_{832}^2\ \Phi_{192}\ \Phi_{64}^2\ \Phi_{3}\ \Phi_{1}^2$
123254	1668	1385	$\frac{1}{277}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{138}{277}$	$\Phi_{1385}\ \Phi_{277}^2\ \Phi_{5}^2\ \Phi_{1}^4$
123255	1668	3324	$\frac{1}{277}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{138}{277}$	$\Phi_{3324}\ \Phi_{1662}\ \Phi_{12}^2\ \Phi_{6}^2$
123256	1668	1667	$\frac{7}{1667}$	$\frac{279}{1667}$	$\frac{694}{1667}$	$\frac{830}{1667}$	$\Phi_{1667}\ \Phi_{1}^2$
123257	1668	2490	$\frac{2}{415}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{413}{830}$	$\Phi_{2490}^2\ \Phi_{498}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{6}^2$
123258	1668	2228	$\frac{3}{557}$	$\frac{1}{4}$	$\frac{140}{557}$	$\frac{277}{557}$	$\Phi_{2228}\ \Phi_{1114}$
123259	1668	1667	$\frac{9}{1667}$	$\frac{416}{1667}$	$\frac{419}{1667}$	$\frac{829}{1667}$	$\Phi_{1667}\ \Phi_{1}^2$
123260	1668	501	$\frac{1}{167}$	$\frac{28}{167}$	$\frac{1}{3}$	$\frac{83}{167}$	$\Phi_{501}^5\ \Phi_{3}^4$
123261	1668	3036	$\frac{1}{138}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{137}{276}$	$\Phi_{3036}\ \Phi_{1012}\ \Phi_{276}^2\ \Phi_{132}\ \Phi_{92}^2\ \Phi_{44}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{4}^2\ \Phi_{1}^2$
123262	1668	1932	$\frac{1}{138}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{137}{276}$	$\Phi_{1932}^2\ \Phi_{644}^2\ \Phi_{84}^2\ \Phi_{28}^2\ \Phi_{21}$
123263	1668	3036	$\frac{1}{138}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{137}{276}$	$\Phi_{3036}\ \Phi_{1012}\ \Phi_{276}^2\ \Phi_{132}\ \Phi_{92}^2\ \Phi_{44}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{4}^2\ \Phi_{1}^2$
123264	1668	1380	$\frac{1}{138}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{137}{276}$	$\Phi_{1380}\ \Phi_{690}^2\ \Phi_{460}\ \Phi_{345}^2\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{60}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_{5}^2$
123265	1668	1302	$\frac{1}{93}$	$\frac{1}{7}$	$\frac{47}{186}$	$\frac{46}{93}$	$\Phi_{1302}^2\ \Phi_{651}\ \Phi_{434}^2\ \Phi_{217}\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{14}^2$
123266	1668	3536	$\frac{3}{136}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{133}{272}$	$\Phi_{3536}\ \Phi_{208}\ \Phi_{52}\ \Phi_{26}$
123267	1668	4070	$\frac{10}{407}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{397}{814}$	$\Phi_{4070}\ \Phi_{370}\ \Phi_{110}\ \Phi_{55}\ \Phi_{10}$
123268	1668	760	$\frac{1}{38}$	$\frac{13}{152}$	$\frac{1}{5}$	$\frac{37}{76}$	$\Phi_{760}^3\ \Phi_{380}^2\ \Phi_{190}^3\ \Phi_{95}^3\ \Phi_{40}^3\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_{5}^2$
123269	1668	3510	$\frac{4}{135}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{131}{270}$	$\Phi_{3510}\ \Phi_{1170}\ \Phi_{702}\ \Phi_{390}\ \Phi_{234}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{26}$
123270	1668	1890	$\frac{4}{135}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{131}{270}$	$\Phi_{1890}^2\ \Phi_{630}^2\ \Phi_{378}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{70}^2\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{14}^2$
123271	1668	1085	$\frac{1}{31}$	$\frac{16}{155}$	$\frac{1}{7}$	$\frac{15}{31}$	$\Phi_{1085}^2\ \Phi_{217}\ \Phi_{35}^2$
123272	1668	2184	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{29}{168}$	$\frac{27}{56}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{312}\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}\ \Phi_{91}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
123273	1668	1330	$\frac{6}{133}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{127}{266}$	$\Phi_{1330}^3\ \Phi_{190}^3\ \Phi_{95}\ \Phi_{70}^3\ \Phi_{10}^3$
123274	1668	3458	$\frac{6}{133}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{127}{266}$	$\Phi_{3458}\ \Phi_{494}\ \Phi_{182}\ \Phi_{91}\ \Phi_{26}$
123275	1668	440	$\frac{1}{22}$	$\frac{23}{440}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{440}^4\ \Phi_{220}^3\ \Phi_{110}^4\ \Phi_{88}^4\ \Phi_{55}^4\ \Phi_{44}^4\ \Phi_{40}^4\ \Phi_{22}^4\ \Phi_{20}^3\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
123276	1668	2080	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{21}{160}$	$\frac{19}{40}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{416}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
123277	1668	1320	$\frac{1}{22}$	$\frac{7}{132}$	$\frac{1}{5}$	$\frac{125}{264}$	$\Phi_{1320}^3\ \Phi_{440}^3\ \Phi_{120}^3\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}^3\ \Phi_{10}$
123278	1668	260	$\frac{9}{130}$	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{121}{260}$	$\Phi_{260}^{12}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}^{12}\ \Phi_{26}\ \Phi_{20}^{12}\ \Phi_4^{12}$
123279	1668	1551	$\frac{2}{141}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1551}\ \Phi_{517}\ \Phi_{141}^2\ \Phi_{47}^2\ \Phi_{11}\ \Phi_1^2$
123280	1668	2277	$\frac{1}{69}$	$\frac{1}{11}$	$\frac{68}{207}$	$\frac{5}{11}$	$\Phi_{2277}\ \Phi_{207}^2\ \Phi_{99}\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
123281	1668	2024	$\frac{1}{46}$	$\frac{1}{11}$	$\frac{45}{184}$	$\frac{5}{11}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{184}^2\ \Phi_{92}^2\ \Phi_{88}\ \Phi_{44}\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
123282	1668	1584	$\frac{5}{144}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}^2\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
123283	1668	1771	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{22}{161}$	$\frac{5}{11}$	$\Phi_{1771}\ \Phi_{161}^2\ \Phi_{77}\ \Phi_{11}\ \Phi_7^2\ \Phi_1^2$
123284	1668	760	$\frac{1}{38}$	$\frac{37}{380}$	$\frac{1}{5}$	$\frac{343}{760}$	$\Phi_{760}^4\ \Phi_{190}\ \Phi_{152}^4\ \Phi_{95}\ \Phi_{40}^4\ \Phi_{10}\ \Phi_8^4$
123285	1668	3276	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{13}{126}$	$\frac{113}{252}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{182}\ \Phi_{156}\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}$
123286	1668	1008	$\frac{5}{144}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2$
123287	1668	1736	$\frac{1}{31}$	$\frac{15}{124}$	$\frac{1}{7}$	$\frac{109}{248}$	$\Phi_{1736}^2\ \Phi_{217}\ \Phi_{56}^2$
123288	1668	3120	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{19}{120}$	$\frac{101}{240}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
123289	1668	420	$\frac{1}{140}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{420}^6\ \Phi_{210}^6\ \Phi_{105}^6\ \Phi_{84}^6\ \Phi_{60}^6\ \Phi_{42}^6\ \Phi_{30}^6\ \Phi_{21}^6\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^4$
123290	1668	1820	$\frac{1}{140}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{182}\ \Phi_{130}\ \Phi_{91}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
123291	1668	2912	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{27}{112}$	$\frac{85}{224}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{364}\ \Phi_{182}\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}$
123292	1668	2004	$\frac{1}{167}$	$\frac{83}{334}$	$\frac{1}{3}$	$\frac{251}{668}$	$\Phi_{2004}^2\ \Phi_{501}\ \Phi_{12}^2$
123293	1668	1872	$\frac{5}{144}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
123294	1668	2730	$\frac{1}{35}$	$\frac{1}{13}$	$\frac{34}{105}$	$\frac{71}{210}$	$\Phi_{2730}\ \Phi_{910}\ \Phi_{546}\ \Phi_{455}\ \Phi_{390}\ \Phi_{182}\ \Phi_{130}\ \Phi_{91}\ \Phi_{78}\ \Phi_{65}\ \Phi_{26}$
123295	1668	1667	$\frac{8}{1667}$	$\frac{553}{1667}$	$\frac{555}{1667}$	$\frac{557}{1667}$	$\Phi_{1667}\ \Phi_1^2$
123296	1668	2505	$\frac{4}{835}$	$\frac{277}{835}$	$\frac{1}{3}$	$\frac{279}{835}$	$\Phi_{2505}\ \Phi_{501}\ \Phi_{15}$
123297	1668	624	$\frac{1}{208}$	$\frac{69}{208}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^4\ \Phi_{156}^2\ \Phi_{104}^4\ \Phi_{78}^2\ \Phi_{52}^4\ \Phi_{48}^2\ \Phi_{39}^2\ \Phi_{26}^4\ \Phi_{24}^2\ \Phi_{16}^4\ \Phi_{13}^4\ \Phi_{12}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
123298	1668	420	$\frac{1}{140}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^6\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^6\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{35}^6\ \Phi_{30}^3\ \Phi_{28}^6\ \Phi_{21}^3\ \Phi_{20}^6\ \Phi_{15}^3\ \Phi_{14}^6\ \Phi_{12}^2\ \Phi_{10}^6\ \Phi_7^6\ \Phi_6^2\ \Phi_5^6\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
123299	1668	1560	$\frac{1}{104}$	$\frac{103}{520}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}^2\ \Phi_{390}\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{120}\ \Phi_{65}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
123300	1668	987	$\frac{2}{141}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{987}^2\ \Phi_{329}^2\ \Phi_{21}$
123301	1668	1272	$\frac{7}{424}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1272}\ \Phi_{636}\ \Phi_{424}^2\ \Phi_{318}\ \Phi_{212}^2\ \Phi_{159}\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_3\ \Phi_1^2$
123302	1668	156	$\frac{1}{52}$	$\frac{17}{156}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{156}^{11}\ \Phi_{78}^{11}\ \Phi_{52}^{10}\ \Phi_{39}^{11}\ \Phi_{26}^{10}\ \Phi_{13}^{10}\ \Phi_{12}^{11}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
123303	1668	429	$\frac{4}{143}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{429}^3\ \Phi_{143}^6\ \Phi_{39}^2\ \Phi_{33}^3\ \Phi_{13}^4\ \Phi_{11}^6\ \Phi_3^3\ \Phi_1^6$
123304	1668	1344	$\frac{1}{32}$	$\frac{31}{448}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}^2\ \Phi_{336}\ \Phi_{224}^2\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{64}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
123305	1668	144	$\frac{5}{144}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{144}^{12}\ \Phi_{72}^{12}\ \Phi_{48}^{11}\ \Phi_{36}^{12}\ \Phi_{24}^{11}\ \Phi_{18}^{12}\ \Phi_{16}^{10}\ \Phi_{12}^{11}\ \Phi_9^{12}\ \Phi_8^{10}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
123306	1668	1326	$\frac{1}{26}$	$\frac{25}{442}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{442}^2\ \Phi_{221}^2\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_3\ \Phi_1^2$
123307	1668	1245	$\frac{4}{415}$	$\frac{1}{5}$	$\frac{137}{415}$	$\frac{1}{3}$	$\Phi_{1245}^2\ \Phi_{249}^2\ \Phi_{15}^3\ \Phi_3^2$
123308	1668	1449	$\frac{1}{69}$	$\frac{1}{7}$	$\frac{68}{207}$	$\frac{1}{3}$	$\Phi_{1449}^2\ \Phi_{63}^2\ \Phi_{21}$
123309	1668	1551	$\frac{2}{141}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{1551}\ \Phi_{517}\ \Phi_{141}^2\ \Phi_{47}^2\ \Phi_{11}\ \Phi_1^2$
123310	1668	2820	$\frac{2}{141}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{940}\ \Phi_{470}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
123311	1668	3864	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{45}{184}$	$\frac{1}{3}$	$\Phi_{3864}\ \Phi_{1932}\ \Phi_{168}\ \Phi_{84}\ \Phi_{21}$
123312	1668	2415	$\frac{2}{69}$	$\frac{1}{7}$	$\frac{67}{345}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{805}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
123313	1668	501	$\frac{5}{167}$	$\frac{27}{167}$	$\frac{28}{167}$	$\frac{1}{3}$	$\Phi_{501}^5\ \Phi_{3}^4$
123314	1668	1008	$\frac{5}{144}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{21}$
123315	1668	483	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{483}^5\ \Phi_{69}^6\ \Phi_{21}^6\ \Phi_{3}^6$
123316	1668	2277	$\frac{1}{69}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{68}{207}$	$\Phi_{2277}\ \Phi_{207}^2\ \Phi_{99}\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{1}^2$
123317	1668	4140	$\frac{1}{69}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{68}{207}$	$\Phi_{4140}\ \Phi_{2070}\ \Phi_{180}\ \Phi_{90}\ \Phi_{20}\ \Phi_{10}$
123318	1668	2652	$\frac{3}{68}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{65}{204}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{663}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
123319	1668	770	$\frac{1}{22}$	$\frac{15}{154}$	$\frac{1}{5}$	$\frac{7}{22}$	$\Phi_{770}^3\ \Phi_{385}^3\ \Phi_{110}\ \Phi_{70}^3\ \Phi_{55}\ \Phi_{35}^3\ \Phi_{10}$
123320	1668	2340	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{41}{180}$	$\frac{19}{60}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{260}\ \Phi_{234}\ \Phi_{130}\ \Phi_{117}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
123321	1668	760	$\frac{1}{19}$	$\frac{13}{152}$	$\frac{1}{5}$	$\frac{6}{19}$	$\Phi_{760}^3\ \Phi_{380}^3\ \Phi_{190}^3\ \Phi_{95}\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3$
123322	1668	2835	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{127}{405}$	$\Phi_{2835}\ \Phi_{567}\ \Phi_{63}\ \Phi_{21}$
123323	1668	2184	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{29}{168}$	$\frac{13}{42}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{364}\ \Phi_{312}\ \Phi_{182}\ \Phi_{156}\ \Phi_{104}\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}$
123324	1668	990	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{1}{5}$	$\frac{59}{198}$	$\Phi_{990}^3\ \Phi_{495}^3\ \Phi_{110}\ \Phi_{90}^3\ \Phi_{55}\ \Phi_{45}^3\ \Phi_{10}$
123325	1668	2079	$\frac{19}{297}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{27}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{231}\ \Phi_{77}\ \Phi_{63}\ \Phi_{21}$
123326	1668	2024	$\frac{1}{46}$	$\frac{2}{11}$	$\frac{45}{184}$	$\frac{3}{11}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{184}^2\ \Phi_{92}^2\ \Phi_{88}\ \Phi_{44}\ \Phi_{11}\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{1}^2$
123327	1668	1584	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}^2\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{1}^2$
123328	1668	1771	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1771}\ \Phi_{161}^2\ \Phi_{77}\ \Phi_{11}\ \Phi_{7}^2\ \Phi_{1}^2$
123329	1668	190	$\frac{1}{38}$	$\frac{37}{190}$	$\frac{1}{5}$	$\frac{51}{190}$	$\Phi_{190}^9\ \Phi_{95}^9\ \Phi_{38}^8\ \Phi_{19}^8\ \Phi_{10}^9\ \Phi_{5}^8\ \Phi_{2}^8\ \Phi_{1}^8$
123330	1668	1950	$\frac{11}{150}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{390}\ \Phi_{325}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{26}$
123331	1668	1302	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{15}{62}$	$\frac{47}{186}$	$\Phi_{1302}^2\ \Phi_{651}^2\ \Phi_{217}\ \Phi_{42}^2\ \Phi_{21}^2$
123332	1668	920	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{45}{184}$	$\frac{1}{4}$	$\Phi_{920}^3\ \Phi_{460}\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{40}^3\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_{5}^2$
123333	1668	720	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{60}\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_{5}^2$
123334	1668	3220	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{3220}\ \Phi_{1610}\ \Phi_{140}\ \Phi_{70}\ \Phi_{20}\ \Phi_{10}$
123335	1668	2340	$\frac{1}{13}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{180}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{468}\ \Phi_{390}\ \Phi_{260}\ \Phi_{234}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
123336	1668	1260	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{41}{180}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2$
123337	1668	2660	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{1}{5}$	$\frac{115}{532}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{380}\ \Phi_{190}\ \Phi_{140}\ \Phi_{95}\ \Phi_{70}\ \Phi_{20}\ \Phi_{10}$
123338	1668	880	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{1}{5}$	$\frac{37}{176}$	$\Phi_{880}^3\ \Phi_{440}^3\ \Phi_{110}\ \Phi_{80}^3\ \Phi_{55}\ \Phi_{40}^3\ \Phi_{10}$
123339	1668	315	$\frac{1}{9}$	$\frac{37}{315}$	$\frac{1}{7}$	$\frac{8}{45}$	$\Phi_{315}^5\ \Phi_{105}^5\ \Phi_{63}^6\ \Phi_{45}^6\ \Phi_{35}^5\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_{9}^6\ \Phi_{7}^5\ \Phi_{5}^6\ \Phi_{3}^6\ \Phi_{1}^6$
123340	1668	1134	$\frac{1}{9}$	$\frac{23}{162}$	$\frac{1}{7}$	$\frac{4}{27}$	$\Phi_{1134}^2\ \Phi_{567}^2\ \Phi_{378}^2\ \Phi_{126}^2\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{14}^2$
123341	1669	3328	$\frac{5}{1664}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1659}{3328}$	$\Phi_{3328}\ \Phi_{256}\ \Phi_{8}\ \Phi_{1}$
123342	1669	3312	$\frac{13}{1656}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1643}{3312}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{144}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
123343	1669	3312	$\frac{13}{1656}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1643}{3312}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{144}\ \Phi_{48}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
123344	1669	2232	$\frac{5}{558}$	$\frac{1}{6}$	$\frac{563}{2232}$	$\frac{553}{1116}$	$\Phi_{2232}\ \Phi_{744}\ \Phi_{558}\ \Phi_{279}\ \Phi_{248}\ \Phi_{186}\ \Phi_{93}\ \Phi_{72}\ \Phi_{62}\ \Phi_{31}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
123345	1669	1824	$\frac{3}{152}$	$\frac{155}{1824}$	$\frac{1}{4}$	$\frac{149}{304}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{32}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
123346	1669	3264	$\frac{37}{1632}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1595}{3264}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
123347	1669	3256	$\frac{41}{1628}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1587}{3256}$	$\Phi_{3256}\ \Phi_{296}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
123348	1669	1860	$\frac{5}{186}$	$\frac{191}{1860}$	$\frac{1}{6}$	$\frac{181}{372}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{465}\ \Phi_{310}\ \Phi_{186}\ \Phi_{155}\ \Phi_{93}\ \Phi_{62}\ \Phi_{60}\ \Phi_{31}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
123349	1669	3240	$\frac{49}{1620}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1571}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
123350	1669	3240	$\frac{49}{1620}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1571}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{72}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
123351	1669	2016	$\frac{11}{336}$	$\frac{1}{12}$	$\frac{347}{2016}$	$\frac{325}{672}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
123352	1669	1760	$\frac{3}{88}$	$\frac{91}{1760}$	$\frac{1}{4}$	$\frac{85}{176}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{32}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
123353	1669	3192	$\frac{3}{76}$	$\frac{73}{1596}$	$\frac{1}{4}$	$\frac{1523}{3192}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{168}\ \Phi_{152}\ \Phi_{76}\ \Phi_{56}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
123354	1669	3192	$\frac{73}{1596}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1523}{3192}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{168}\ \Phi_{152}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
123355	1669	1920	$\frac{11}{240}$	$\frac{1}{12}$	$\frac{251}{1920}$	$\frac{229}{480}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
123356	1669	3168	$\frac{3}{88}$	$\frac{85}{1584}$	$\frac{1}{4}$	$\frac{1499}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{96}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
123357	1669	3120	$\frac{109}{1560}$	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1451}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
123358	1669	2208	$\frac{13}{552}$	$\frac{1}{12}$	$\frac{539}{2208}$	$\frac{11}{24}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{368}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
123359	1669	1728	$\frac{59}{1728}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
123360	1669	1728	$\frac{59}{1728}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
123361	1669	3040	$\frac{3}{152}$	$\frac{149}{1520}$	$\frac{1}{4}$	$\frac{1371}{3040}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{160}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
123362	1669	3024	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{157}{1512}$	$\frac{1355}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
123363	1669	2976	$\frac{5}{186}$	$\frac{181}{1488}$	$\frac{1}{6}$	$\frac{1307}{2976}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{186}\ \Phi_{96}\ \Phi_{93}\ \Phi_{62}\ \Phi_{32}\ \Phi_{31}\ \Phi_{1}$
123364	1669	2880	$\frac{11}{240}$	$\frac{1}{12}$	$\frac{229}{1440}$	$\frac{1211}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
123365	1669	1728	$\frac{59}{1728}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
123366	1669	2688	$\frac{11}{336}$	$\frac{1}{12}$	$\frac{325}{1344}$	$\frac{1019}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{336}\ \Phi_{168}\ \Phi_{128}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
123367	1669	2496	$\frac{5}{832}$	$\frac{1}{4}$	$\frac{827}{2496}$	$\frac{3}{8}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{192}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
123368	1669	1680	$\frac{11}{1680}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
123369	1669	2080	$\frac{5}{416}$	$\frac{411}{2080}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{160}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
123370	1669	1696	$\frac{27}{1696}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1696}\ \Phi_{848}\ \Phi_{424}\ \Phi_{212}\ \Phi_{106}\ \Phi_{53}\ \Phi_{8}\ \Phi_{1}$
123371	1669	1872	$\frac{5}{208}$	$\frac{203}{1872}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
123372	1669	1728	$\frac{59}{1728}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
123373	1669	1792	$\frac{5}{128}$	$\frac{123}{1792}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
123374	1669	1768	$\frac{5}{104}$	$\frac{99}{1768}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{442}\ \Phi_{221}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
123375	1669	1692	$\frac{23}{1692}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{564}\ \Phi_{423}\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{94}\ \Phi_{47}\ \Phi_{18}\ \Phi_9\ \Phi_1$
123376	1669	2520	$\frac{11}{420}$	$\frac{1}{12}$	$\frac{409}{1260}$	$\frac{851}{2520}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{72}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
123377	1669	2484	$\frac{13}{828}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{815}{2484}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{621}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
123378	1669	1848	$\frac{3}{88}$	$\frac{179}{1848}$	$\frac{1}{4}$	$\frac{85}{264}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{88}\ \Phi_{84}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{42}\ \Phi_{28}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}\ \Phi_{11}\ \Phi_8\ \Phi_7\ \Phi_1$
123379	1669	1824	$\frac{3}{76}$	$\frac{155}{1824}$	$\frac{1}{4}$	$\frac{73}{228}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{152}\ \Phi_{96}\ \Phi_{76}\ \Phi_{48}\ \Phi_{38}\ \Phi_{32}\ \Phi_{24}\ \Phi_{19}\ \Phi_{16}\ \Phi_8\ \Phi_1$
123380	1669	2448	$\frac{37}{816}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{779}{2448}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
123381	1669	2160	$\frac{11}{240}$	$\frac{1}{12}$	$\frac{491}{2160}$	$\frac{229}{720}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{60}\ \Phi_{54}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
123382	1669	2430	$\frac{49}{810}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{761}{2430}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{486}\ \Phi_{243}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
123383	1669	2016	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{347}{2016}$	$\frac{157}{504}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
123384	1669	1782	$\frac{113}{1782}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{162}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
123385	1669	2376	$\frac{3}{88}$	$\frac{85}{792}$	$\frac{1}{4}$	$\frac{707}{2376}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{108}\ \Phi_{88}\ \Phi_{54}\ \Phi_{44}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
123386	1669	2070	$\frac{13}{414}$	$\frac{1}{6}$	$\frac{401}{2070}$	$\frac{5}{18}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{115}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
123387	1669	1728	$\frac{59}{1728}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
123388	1669	1800	$\frac{131}{1800}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{180}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
123389	1669	2280	$\frac{3}{152}$	$\frac{149}{760}$	$\frac{1}{4}$	$\frac{611}{2280}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{152}\ \Phi_{120}\ \Phi_{114}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{38}\ \Phi_{30}\ \Phi_{24}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
123390	1669	2232	$\frac{5}{186}$	$\frac{1}{6}$	$\frac{181}{744}$	$\frac{563}{2232}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{558}\ \Phi_{279}\ \Phi_{186}\ \Phi_{93}\ \Phi_{72}\ \Phi_{62}\ \Phi_{36}\ \Phi_{31}\ \Phi_{18}\ \Phi_9\ \Phi_1$
123391	1669	2128	$\frac{3}{76}$	$\frac{73}{532}$	$\frac{459}{2128}$	$\frac{1}{4}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{304}\ \Phi_{152}\ \Phi_{112}\ \Phi_{76}\ \Phi_{56}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_8\ \Phi_1$
123392	1669	2112	$\frac{3}{88}$	$\frac{85}{528}$	$\frac{443}{2112}$	$\frac{1}{4}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{96}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
123393	1669	2160	$\frac{1}{12}$	$\frac{49}{540}$	$\frac{11}{60}$	$\frac{491}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
123394	1669	2160	$\frac{49}{540}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{491}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
123395	1669	1890	$\frac{5}{54}$	$\frac{221}{1890}$	$\frac{1}{6}$	$\frac{49}{270}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{210}\ \Phi_{189}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
123396	1669	1944	$\frac{5}{54}$	$\frac{275}{1944}$	$\frac{49}{324}$	$\frac{1}{6}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
123397	1670	2664	$\frac{1}{333}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{166}{333}$	$\Phi_{2664}\ \Phi_{888}\ \Phi_{333}\ \Phi_{296}\ \Phi_{111}\ \Phi_{72}\ \Phi_{37}\ \Phi_{24}\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
123398	1670	4992	$\frac{3}{832}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{829}{1664}$	$\Phi_{4992}\ \Phi_{384}\ \Phi_{12}\ \Phi_6$
123399	1670	2988	$\frac{1}{166}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{165}{332}$	$\Phi_{2988}\ \Phi_{996}\ \Phi_{332}^2\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
123400	1670	996	$\frac{1}{166}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{165}{332}$	$\Phi_{996}^3\ \Phi_{332}^4\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123401	1670	330	$\frac{2}{165}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{163}{330}$	$\Phi_{330}^{10}\ \Phi_{110}^{10}\ \Phi_{66}^{10}\ \Phi_{33}\ \Phi_{30}^{10}\ \Phi_{22}^{10}\ \Phi_{10}^{10}\ \Phi_6^{10}\ \Phi_2^{10}$
123402	1670	330	$\frac{2}{165}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{163}{330}$	$\Phi_{330}^4\ \Phi_{165}^6\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{55}^6\ \Phi_{33}^6\ \Phi_{30}^5\ \Phi_{22}^4\ \Phi_{15}^7\ \Phi_{11}^6\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^6\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
123403	1670	912	$\frac{1}{76}$	$\frac{77}{912}$	$\frac{1}{3}$	$\frac{75}{152}$	$\Phi_{912}^2\ \Phi_{456}\ \Phi_{304}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{48}^2\ \Phi_{38}^2\ \Phi_{24}\ \Phi_{19}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
123404	1670	402	$\frac{1}{67}$	$\frac{1}{6}$	$\frac{34}{201}$	$\frac{33}{67}$	$\Phi_{402}^5\ \Phi_{201}^3\ \Phi_{134}^5\ \Phi_{67}^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
123405	1670	2464	$\frac{1}{56}$	$\frac{1}{11}$	$\frac{57}{224}$	$\frac{55}{112}$	$\Phi_{2464}\ \Phi_{616}\ \Phi_{352}\ \Phi_{308}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}$
123406	1670	3608	$\frac{3}{164}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{161}{328}$	$\Phi_{3608}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
123407	1670	4902	$\frac{18}{817}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{799}{1634}$	$\Phi_{4902}\ \Phi_{258}\ \Phi_{114}\ \Phi_{57}\ \Phi_6$
123408	1670	528	$\frac{1}{44}$	$\frac{9}{176}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{528}^5\ \Phi_{264}^4\ \Phi_{132}^5\ \Phi_{66}^5\ \Phi_{48}^5\ \Phi_{33}^5\ \Phi_{24}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
123409	1670	4884	$\frac{21}{814}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{793}{1628}$	$\Phi_{4884}\ \Phi_{444}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
123410	1670	3564	$\frac{5}{162}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{157}{324}$	$\Phi_{3564}\ \Phi_{1188}\ \Phi_{396}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
123411	1670	3542	$\frac{6}{161}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{155}{322}$	$\Phi_{3542}\ \Phi_{506}\ \Phi_{154}\ \Phi_{77}\ \Phi_{22}$
123412	1670	2112	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{25}{192}$	$\frac{23}{48}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
123413	1670	3520	$\frac{7}{160}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{153}{320}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
123414	1670	1596	$\frac{1}{38}$	$\frac{37}{798}$	$\frac{1}{3}$	$\frac{761}{1596}$	$\Phi_{1596}^2\ \Phi_{532}^2\ \Phi_{228}^2\ \Phi_{114}\ \Phi_{84}^2\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{28}^2\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
123415	1670	1584	$\frac{1}{44}$	$\frac{43}{792}$	$\frac{1}{3}$	$\frac{749}{1584}$	$\Phi_{1584}^2\ \Phi_{528}^2\ \Phi_{176}^2\ \Phi_{144}^2\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}^2\ \Phi_{33}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
123416	1670	3432	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{145}{312}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
123417	1670	308	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{11}$	$\frac{141}{308}$	$\Phi_{308}^{10}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}^{10}\ \Phi_{28}^{10}\ \Phi_{22}\ \Phi_4^{10}$
123418	1670	912	$\frac{1}{76}$	$\frac{15}{152}$	$\frac{1}{3}$	$\frac{137}{304}$	$\Phi_{912}^5\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}^5\ \Phi_{12}\ \Phi_6$
123419	1670	747	$\frac{1}{83}$	$\frac{1}{9}$	$\frac{82}{249}$	$\frac{4}{9}$	$\Phi_{747}^2\ \Phi_{249}^3\ \Phi_{83}^2\ \Phi_9^3\ \Phi_3^4\ \Phi_1^4$
123420	1670	176	$\frac{9}{176}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{176}^9\ \Phi_{88}^{10}\ \Phi_{44}^{10}\ \Phi_{22}^{10}\ \Phi_{16}^{10}\ \Phi_{11}^9\ \Phi_8^{10}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{10}$
123421	1670	3234	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{20}{147}$	$\frac{127}{294}$	$\Phi_{3234}\ \Phi_{1078}\ \Phi_{462}\ \Phi_{231}\ \Phi_{154}\ \Phi_{77}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
123422	1670	3168	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{23}{144}$	$\frac{121}{288}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
123423	1670	3080	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{27}{140}$	$\frac{113}{280}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{308}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}$
123424	1670	510	$\frac{3}{170}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{170}^2\ \Phi_{102}^4\ \Phi_{85}^2\ \Phi_{51}^4\ \Phi_{34}^2\ \Phi_{30}^3\ \Phi_{17}^2\ \Phi_{15}^3\ \Phi_{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
123425	1670	804	$\frac{1}{67}$	$\frac{1}{6}$	$\frac{33}{134}$	$\frac{101}{268}$	$\Phi_{804}^4\ \Phi_{402}\ \Phi_{268}^2\ \Phi_{201}\ \Phi_{134}\ \Phi_{12}^4\ \Phi_4^2$
123426	1670	168	$\frac{1}{168}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{168}^{10}\ \Phi_{84}^{10}\ \Phi_{56}^{10}\ \Phi_{42}^{10}\ \Phi_{28}^{10}\ \Phi_{24}^9\ \Phi_{21}^{10}\ \Phi_{14}^{10}\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_7^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
123427	1670	888	$\frac{1}{111}$	$\frac{55}{222}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{888}^3\ \Phi_{296}^3\ \Phi_{222}^2\ \Phi_{111}\ \Phi_{74}^2\ \Phi_{37}\ \Phi_{24}^3\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123428	1670	1368	$\frac{4}{171}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1368}^2\ \Phi_{456}^2\ \Phi_{171}^2\ \Phi_{152}^2\ \Phi_{72}\ \Phi_{57}^2\ \Phi_{24}\ \Phi_{19}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
123429	1670	1480	$\frac{1}{37}$	$\frac{18}{185}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1480}^2\ \Phi_{296}\ \Phi_{185}^2\ \Phi_{40}^2\ \Phi_{37}\ \Phi_8^2\ \Phi_5^2\ \Phi_1^2$
123430	1670	2772	$\frac{1}{42}$	$\frac{1}{11}$	$\frac{41}{126}$	$\frac{85}{252}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{462}\ \Phi_{396}\ \Phi_{308}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
123431	1670	1254	$\frac{1}{209}$	$\frac{208}{627}$	$\frac{1}{3}$	$\frac{419}{1254}$	$\Phi_{1254}^2\ \Phi_{627}\ \Phi_{418}^2\ \Phi_{114}^2\ \Phi_{66}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_6^2\ \Phi_2^2$
123432	1670	1248	$\frac{3}{416}$	$\frac{1}{4}$	$\frac{413}{1248}$	$\frac{1}{3}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}^2\ \Phi_{312}\ \Phi_{208}^2\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{48}\ \Phi_{39}\ \Phi_{32}^2\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123433	1670	498	$\frac{1}{83}$	$\frac{1}{6}$	$\frac{82}{249}$	$\frac{1}{3}$	$\Phi_{498}^4\ \Phi_{249}^3\ \Phi_{166}^4\ \Phi_{83}^2\ \Phi_6^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
123434	1670	924	$\frac{1}{44}$	$\frac{89}{924}$	$\frac{43}{132}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{66}\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_6$
123435	1670	912	$\frac{1}{38}$	$\frac{77}{912}$	$\frac{37}{114}$	$\frac{1}{3}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2$
123436	1670	858	$\frac{23}{858}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{78}^2\ \Phi_{66}^2\ \Phi_{39}^2\ \Phi_{33}\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_2^2$
123437	1670	1188	$\frac{1}{44}$	$\frac{43}{396}$	$\frac{353}{1188}$	$\frac{1}{3}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{297}^2\ \Phi_{132}\ \Phi_{108}^2\ \Phi_{66}\ \Phi_{54}^2\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{12}\ \Phi_6$
123438	1670	228	$\frac{1}{76}$	$\frac{15}{76}$	$\frac{61}{228}$	$\frac{1}{3}$	$\Phi_{228}^6\ \Phi_{114}^6\ \Phi_{76}^{10}\ \Phi_{57}^6\ \Phi_{38}^{10}\ \Phi_{19}^{10}\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^{10}\ \Phi_3^5\ \Phi_2^{10}\ \Phi_1^{10}$
123439	1670	624	$\frac{3}{208}$	$\frac{41}{208}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{624}^4\ \Phi_{312}^4\ \Phi_{156}^4\ \Phi_{78}^4\ \Phi_{48}^4\ \Phi_{39}^4\ \Phi_{24}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
123440	1670	2544	$\frac{13}{848}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2544}\ \Phi_{1272}\ \Phi_{636}\ \Phi_{318}\ \Phi_{159}\ \Phi_{12}\ \Phi_{6}$
123441	1670	936	$\frac{3}{104}$	$\frac{101}{936}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}\ \Phi_{234}^2\ \Phi_{156}\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
123442	1670	864	$\frac{29}{864}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
123443	1670	2688	$\frac{3}{64}$	$\frac{61}{896}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
123444	1670	2652	$\frac{49}{884}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{663}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{12}\ \Phi_{6}$
123445	1670	660	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{53}{220}$	$\frac{1}{3}$	$\Phi_{660}^5\ \Phi_{330}^5\ \Phi_{132}^5\ \Phi_{66}^5\ \Phi_{60}^5\ \Phi_{33}\ \Phi_{30}^5\ \Phi_{12}^5\ \Phi_{6}^5$
123446	1670	3192	$\frac{1}{38}$	$\frac{37}{266}$	$\frac{229}{1064}$	$\frac{1}{3}$	$\Phi_{3192}\ \Phi_{1596}\ \Phi_{456}\ \Phi_{228}\ \Phi_{168}\ \Phi_{114}\ \Phi_{84}\ \Phi_{57}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
123447	1670	1056	$\frac{1}{44}$	$\frac{43}{264}$	$\frac{221}{1056}$	$\frac{1}{3}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{96}^2\ \Phi_{66}\ \Phi_{48}^2\ \Phi_{33}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_{6}$
123448	1670	528	$\frac{9}{176}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{528}^5\ \Phi_{264}^5\ \Phi_{132}^5\ \Phi_{66}^5\ \Phi_{48}^5\ \Phi_{33}\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_{6}^5$
123449	1670	198	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{31}{198}$	$\frac{1}{3}$	$\Phi_{198}^{10}\ \Phi_{99}^{10}\ \Phi_{66}^{10}\ \Phi_{33}\ \Phi_{22}^{10}\ \Phi_{18}^{10}\ \Phi_{9}^{10}\ \Phi_{6}^{10}\ \Phi_{2}^{10}$
123450	1670	1980	$\frac{13}{180}$	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
123451	1670	990	$\frac{4}{165}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{161}{495}$	$\Phi_{990}^3\ \Phi_{495}^2\ \Phi_{198}^3\ \Phi_{99}^2\ \Phi_{90}^3\ \Phi_{45}^2\ \Phi_{30}\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}^2$
123452	1670	2376	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{49}{216}$	$\frac{23}{72}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
123453	1670	2640	$\frac{7}{80}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{73}{240}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
123454	1670	1980	$\frac{13}{180}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
123455	1670	690	$\frac{11}{345}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{690}^3\ \Phi_{345}^2\ \Phi_{230}^3\ \Phi_{138}^3\ \Phi_{115}^2\ \Phi_{69}^2\ \Phi_{46}^3\ \Phi_{30}\ \Phi_{23}^2\ \Phi_{15}\ \Phi_{10}$
123456	1670	660	$\frac{2}{55}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{53}{220}$	$\Phi_{660}^4\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}^4\ \Phi_{66}^2\ \Phi_{60}^4\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_{10}\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
123457	1670	2376	$\frac{1}{11}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{216}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
123458	1670	2112	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{25}{192}$	$\frac{7}{32}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
123459	1670	180	$\frac{13}{180}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^{10}\ \Phi_{45}^{10}\ \Phi_{36}^{10}\ \Phi_{30}^5\ \Phi_{20}^{10}\ \Phi_{18}^{10}\ \Phi_{15}^7\ \Phi_{12}^{10}\ \Phi_{10}^5\ \Phi_{9}^{10}\ \Phi_{6}^4\ \Phi_{5}^6\ \Phi_{4}^{10}\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
123460	1670	2310	$\frac{4}{55}$	$\frac{51}{385}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{231}\ \Phi_{210}\ \Phi_{154}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
123461	1670	2200	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{33}{200}$	$\frac{7}{40}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
123462	1671	2672	$\frac{1}{334}$	$\frac{335}{1336}$	$\frac{1001}{2672}$	$\frac{333}{668}$	$\Phi_{2672}\ \Phi_{668}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
123463	1671	2220	$\frac{2}{555}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{553}{1110}$	$\Phi_{2220}\ \Phi_{740}\ \Phi_{555}\ \Phi_{444}\ \Phi_{185}\ \Phi_{148}\ \Phi_{111}\ \Phi_{60}\ \Phi_{37}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
123464	1671	744	$\frac{1}{186}$	$\frac{1}{4}$	$\frac{187}{744}$	$\frac{185}{372}$	$\Phi_{744}^3\ \Phi_{372}^2\ \Phi_{248}^3\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_{8}^3\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
123465	1671	3320	$\frac{11}{1660}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1649}{3320}$	$\Phi_{3320}\ \Phi_{664}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
123466	1671	1104	$\frac{5}{552}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{547}{1104}$	$\Phi_{1104}^3\ \Phi_{368}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
123467	1671	670	$\frac{4}{335}$	$\frac{113}{670}$	$\frac{1}{5}$	$\frac{331}{670}$	$\Phi_{670}^2\ \Phi_{335}^3\ \Phi_{134}^2\ \Phi_{67}^3\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{2}^2\ \Phi_{1}^3$
123468	1671	1100	$\frac{7}{550}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{543}{1100}$	$\Phi_{1100}^3\ \Phi_{220}^3\ \Phi_{100}^3\ \Phi_{44}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^3\ \Phi_{2}^2\ \Phi_{1}^3$
123469	1671	1100	$\frac{7}{550}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{543}{1100}$	$\Phi_{1100}^3\ \Phi_{220}^3\ \Phi_{100}^3\ \Phi_{44}^3\ \Phi_{25}\ \Phi_{20}^3\ \Phi_{4}^3\ \Phi_{1}$
123470	1671	2196	$\frac{8}{549}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{541}{1098}$	$\Phi_{2196}\ \Phi_{732}\ \Phi_{549}\ \Phi_{244}\ \Phi_{183}\ \Phi_{61}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
123471	1671	2240	$\frac{9}{560}$	$\frac{1}{10}$	$\frac{569}{2240}$	$\frac{551}{1120}$	$\Phi_{2240}\ \Phi_{560}\ \Phi_{448}\ \Phi_{320}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{64}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
123472	1671	620	$\frac{1}{62}$	$\frac{63}{620}$	$\frac{1}{4}$	$\frac{61}{124}$	$\Phi_{620}^3\ \Phi_{310}^3\ \Phi_{155}^3\ \Phi_{124}^2\ \Phi_{62}\ \Phi_{31}\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_{5}^3\ \Phi_{4}\ \Phi_{1}$
123473	1671	3280	$\frac{31}{1640}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1609}{3280}$	$\Phi_{3280}\ \Phi_{656}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
123474	1671	1080	$\frac{17}{540}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{523}{1080}$	$\Phi_{1080}^3\ \Phi_{360}^3\ \Phi_{216}^3\ \Phi_{120}^3\ \Phi_{72}^3\ \Phi_{40}^3\ \Phi_{36}^2\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
123475	1671	1080	$\frac{17}{540}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{523}{1080}$	$\Phi_{1080}^3\ \Phi_{360}^3\ \Phi_{216}^3\ \Phi_{120}^3\ \Phi_{72}^3\ \Phi_{40}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
123476	1671	640	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{83}{640}$	$\frac{77}{160}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{128}^3\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
123477	1671	3220	$\frac{61}{1610}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1549}{3220}$	$\Phi_{3220}\ \Phi_{644}\ \Phi_{460}\ \Phi_{140}\ \Phi_{92}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
123478	1671	3200	$\frac{71}{1600}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1529}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
123479	1671	576	$\frac{19}{576}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{36}^2\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_9\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
123480	1671	2108	$\frac{1}{31}$	$\frac{30}{527}$	$\frac{1}{4}$	$\frac{497}{1054}$	$\Phi_{2108}\ \Phi_{527}\ \Phi_{124}^2\ \Phi_{68}\ \Phi_{62}\ \Phi_{31}\ \Phi_{17}\ \Phi_4\ \Phi_1$
123481	1671	1040	$\frac{37}{520}$	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{483}{1040}$	$\Phi_{1040}^3\ \Phi_{208}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
123482	1671	3080	$\frac{9}{140}$	$\frac{131}{1540}$	$\frac{1}{10}$	$\frac{1409}{3080}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{140}\ \Phi_{88}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
123483	1671	1760	$\frac{89}{1760}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{160}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
123484	1671	992	$\frac{1}{62}$	$\frac{61}{496}$	$\frac{1}{4}$	$\frac{435}{992}$	$\Phi_{992}^3\ \Phi_{124}^2\ \Phi_{62}\ \Phi_{32}^3\ \Phi_{31}\ \Phi_4\ \Phi_1$
123485	1671	980	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{67}{490}$	$\frac{423}{980}$	$\Phi_{980}^3\ \Phi_{196}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
123486	1671	1700	$\frac{29}{1700}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{425}\ \Phi_{340}\ \Phi_{170}\ \Phi_{100}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}\ \Phi_{25}\ \Phi_{20}\ \Phi_{17}\ \Phi_4\ \Phi_1$
123487	1671	960	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{77}{480}$	$\frac{403}{960}$	$\Phi_{960}^3\ \Phi_{320}^3\ \Phi_{192}^3\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
123488	1671	564	$\frac{7}{564}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{564}^3\ \Phi_{282}^3\ \Phi_{188}^3\ \Phi_{141}^3\ \Phi_{94}^3\ \Phi_{47}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
123489	1671	2800	$\frac{9}{280}$	$\frac{1}{10}$	$\frac{271}{1400}$	$\frac{1129}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
123490	1671	1860	$\frac{1}{93}$	$\frac{92}{465}$	$\frac{1}{4}$	$\frac{373}{930}$	$\Phi_{1860}\ \Phi_{620}\ \Phi_{465}\ \Phi_{372}^2\ \Phi_{186}\ \Phi_{155}\ \Phi_{124}^2\ \Phi_{93}\ \Phi_{62}\ \Phi_{60}\ \Phi_{31}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
123491	1671	2680	$\frac{4}{335}$	$\frac{1}{5}$	$\frac{331}{1340}$	$\frac{1009}{2680}$	$\Phi_{2680}\ \Phi_{536}\ \Phi_{335}\ \Phi_{67}\ \Phi_{40}\ \Phi_8\ \Phi_1$
123492	1671	840	$\frac{3}{140}$	$\frac{1}{10}$	$\frac{137}{420}$	$\frac{283}{840}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{168}^3\ \Phi_{140}^3\ \Phi_{120}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
123493	1671	835	$\frac{4}{835}$	$\frac{277}{835}$	$\frac{278}{835}$	$\frac{279}{835}$	$\Phi_{835}^2\ \Phi_{167}^2\ \Phi_5^2\ \Phi_1^3$
123494	1671	717	$\frac{2}{239}$	$\frac{160}{717}$	$\frac{79}{239}$	$\frac{1}{3}$	$\Phi_{717}^2\ \Phi_{239}^3\ \Phi_3\ \Phi_1^3$
123495	1671	1332	$\frac{2}{111}$	$\frac{109}{666}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1332}^2\ \Phi_{666}\ \Phi_{444}\ \Phi_{333}\ \Phi_{148}\ \Phi_{111}\ \Phi_{37}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
123496	1671	1140	$\frac{13}{570}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}\ \Phi_{380}^2\ \Phi_{285}\ \Phi_{228}^2\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}^2\ \Phi_{60}\ \Phi_{57}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
123497	1671	828	$\frac{5}{276}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{271}{828}$	$\Phi_{828}^3\ \Phi_{414}^3\ \Phi_{207}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
123498	1671	825	$\frac{7}{275}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{268}{825}$	$\Phi_{825}^3\ \Phi_{165}^3\ \Phi_{75}^3\ \Phi_{33}^3\ \Phi_{25}\ \Phi_{15}^3\ \Phi_3^3\ \Phi_1$
123499	1671	720	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{163}{720}$	$\frac{77}{240}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{72}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
123500	1671	1188	$\frac{1}{18}$	$\frac{37}{594}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{1188}^2\ \Phi_{594}\ \Phi_{396}^2\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}^2\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
123501	1671	1620	$\frac{1}{18}$	$\frac{17}{270}$	$\frac{1}{4}$	$\frac{253}{810}$	$\Phi_{1620}^2\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}^2\ \Phi_{162}\ \Phi_{81}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
123502	1671	800	$\frac{71}{800}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{243}{800}$	$\Phi_{800}^2\ \Phi_{400}^2\ \Phi_{200}^2\ \Phi_{160}^2\ \Phi_{100}^2\ \Phi_{80}^3\ \Phi_{50}^2\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
123503	1671	660	$\frac{7}{110}$	$\frac{1}{10}$	$\frac{103}{660}$	$\frac{3}{10}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{60}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
123504	1671	600	$\frac{43}{600}$	$\frac{1}{10}$	$\frac{7}{50}$	$\frac{3}{10}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_6^3\ \Phi_5^2\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
123505	1671	600	$\frac{43}{600}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{60}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{25}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
123506	1671	575	$\frac{18}{575}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{575}^3\ \Phi_{115}^3\ \Phi_{25}\ \Phi_{23}^3\ \Phi_1$
123507	1671	744	$\frac{1}{62}$	$\frac{61}{248}$	$\frac{1}{4}$	$\frac{187}{744}$	$\Phi_{744}^3\ \Phi_{372}^3\ \Phi_{186}^3\ \Phi_{124}^2\ \Phi_{93}^3\ \Phi_{62}\ \Phi_{31}\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
123508	1671	720	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{163}{720}$	$\frac{1}{4}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{144}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{36}^2\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_9\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
123509	1671	576	$\frac{19}{576}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
123510	1671	1380	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{133}{690}$	$\frac{1}{4}$	$\Phi_{1380}^2\ \Phi_{690}\ \Phi_{460}^2\ \Phi_{345}\ \Phi_{230}\ \Phi_{115}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
123511	1671	1260	$\frac{1}{18}$	$\frac{73}{630}$	$\frac{17}{90}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
123512	1671	648	$\frac{1}{18}$	$\frac{91}{648}$	$\frac{17}{108}$	$\frac{1}{4}$	$\Phi_{648}^3\ \Phi_{324}^3\ \Phi_{216}^3\ \Phi_{162}^3\ \Phi_{81}^3\ \Phi_{72}^3\ \Phi_{36}^2\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
123513	1671	2200	$\frac{21}{550}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{529}{2200}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{440}\ \Phi_{220}\ \Phi_{200}\ \Phi_{100}\ \Phi_{88}\ \Phi_{44}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
123514	1671	720	$\frac{17}{180}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{163}{720}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{144}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
123515	1671	640	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{83}{640}$	$\frac{71}{320}$	$\Phi_{640}^3\ \Phi_{320}^2\ \Phi_{160}^2\ \Phi_{128}^3\ \Phi_{80}^3\ \Phi_{64}^2\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
123516	1671	600	$\frac{43}{600}$	$\frac{7}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{25}\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1$
123517	1671	1925	$\frac{21}{275}$	$\frac{254}{1925}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1925}\ \Phi_{385}\ \Phi_{175}\ \Phi_{77}\ \Phi_{35}\ \Phi_{25}\ \Phi_7\ \Phi_1$
123518	1671	2000	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{329}{2000}$	$\frac{71}{400}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
123519	1672	417	$\frac{1}{417}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{208}{417}$	$\Phi_{417}^4\ \Phi_{139}^4\ \Phi_3^5\ \Phi_1^6$
123520	1672	1671	$\frac{5}{1671}$	$\frac{419}{1671}$	$\frac{626}{1671}$	$\frac{833}{1671}$	$\Phi_{1671}\ \Phi_{557}\ \Phi_3\ \Phi_1^2$
123521	1672	279	$\frac{1}{279}$	$\frac{70}{279}$	$\frac{1}{3}$	$\frac{139}{279}$	$\Phi_{279}^6\ \Phi_{93}^6\ \Phi_{31}^6\ \Phi_9^6\ \Phi_3^5\ \Phi_1^6$
123522	1672	1665	$\frac{7}{1665}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{829}{1665}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{333}\ \Phi_{185}\ \Phi_{111}\ \Phi_{45}\ \Phi_{37}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
123523	1672	2912	$\frac{1}{208}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{207}{416}$	$\Phi_{2912}\ \Phi_{416}^2\ \Phi_{224}\ \Phi_{32}^2\ \Phi_7\ \Phi_1^2$
123524	1672	6240	$\frac{1}{208}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{207}{416}$	$\Phi_{6240}\ \Phi_{480}\ \Phi_{15}$
123525	1672	557	$\frac{3}{557}$	$\frac{139}{557}$	$\frac{140}{557}$	$\frac{277}{557}$	$\Phi_{557}^3\ \Phi_1^4$
123526	1672	3020	$\frac{1}{151}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{75}{151}$	$\Phi_{3020}\ \Phi_{604}\ \Phi_{151}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
123527	1672	2265	$\frac{1}{151}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{75}{151}$	$\Phi_{2265}\ \Phi_{453}\ \Phi_{151}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
123528	1672	414	$\frac{2}{207}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{205}{414}$	$\Phi_{414}^8\ \Phi_{138}^8\ \Phi_{46}^8\ \Phi_{18}^8\ \Phi_9^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
123529	1672	465	$\frac{1}{93}$	$\frac{47}{465}$	$\frac{1}{3}$	$\frac{46}{93}$	$\Phi_{465}^4\ \Phi_{155}^4\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
123530	1672	1044	$\frac{1}{87}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{43}{87}$	$\Phi_{1044}^3\ \Phi_{348}^3\ \Phi_{116}^3\ \Phi_{87}\ \Phi_{36}^4\ \Phi_{29}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
123531	1672	609	$\frac{1}{87}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{43}{87}$	$\Phi_{609}^3\ \Phi_{203}^3\ \Phi_{87}\ \Phi_{29}\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
123532	1672	783	$\frac{1}{87}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{43}{87}$	$\Phi_{783}^3\ \Phi_{87}\ \Phi_{29}\ \Phi_{27}^4\ \Phi_3\ \Phi_1^2$
123533	1672	696	$\frac{1}{87}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{43}{87}$	$\Phi_{696}^3\ \Phi_{348}^3\ \Phi_{232}^3\ \Phi_{116}^3\ \Phi_{87}\ \Phi_{29}\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
123534	1672	525	$\frac{1}{75}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{37}{75}$	$\Phi_{525}^3\ \Phi_{175}^3\ \Phi_{105}^3\ \Phi_{75}^4\ \Phi_{35}^3\ \Phi_{25}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_7^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
123535	1672	300	$\frac{1}{75}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{37}{75}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^6\ \Phi_{75}^4\ \Phi_{60}^6\ \Phi_{50}^6\ \Phi_{30}^6\ \Phi_{25}^4\ \Phi_{20}^6\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_{10}^6\ \Phi_6^8\ \Phi_5^4\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
123536	1672	1050	$\frac{1}{75}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{37}{75}$	$\Phi_{1050}^2\ \Phi_{525}\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}\ \Phi_{150}^2\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{14}^4\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
123537	1672	1671	$\frac{23}{1671}$	$\frac{77}{1671}$	$\frac{797}{1671}$	$\frac{824}{1671}$	$\Phi_{1671}\ \Phi_{557}\ \Phi_3\ \Phi_1^2$
123538	1672	2520	$\frac{1}{70}$	$\frac{1}{9}$	$\frac{71}{280}$	$\frac{69}{140}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{210}\ \Phi_{168}\ \Phi_{126}\ \Phi_{120}\ \Phi_{105}\ \Phi_{90}\ \Phi_{72}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
123539	1672	1647	$\frac{25}{1647}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{811}{1647}$	$\Phi_{1647}\ \Phi_{549}\ \Phi_{183}\ \Phi_{61}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
123540	1672	3690	$\frac{4}{205}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{201}{410}$	$\Phi_{3690}\ \Phi_{1230}\ \Phi_{738}\ \Phi_{246}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
123541	1672	204	$\frac{1}{51}$	$\frac{1}{12}$	$\frac{13}{51}$	$\frac{25}{51}$	$\Phi_{204}^9\ \Phi_{102}^9\ \Phi_{68}^9\ \Phi_{51}^6\ \Phi_{34}^9\ \Phi_{17}^6\ \Phi_{12}^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
123542	1672	1591	$\frac{1}{43}$	$\frac{1}{37}$	$\frac{18}{37}$	$\frac{21}{43}$	$\Phi_{1591}\ \Phi_{43}^2\ \Phi_{37}^2\ \Phi_1^4$
123543	1672	2580	$\frac{1}{43}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{645}\ \Phi_{516}\ \Phi_{258}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2$
123544	1672	557	$\frac{13}{557}$	$\frac{15}{557}$	$\frac{271}{557}$	$\frac{272}{557}$	$\Phi_{557}^3\ \Phi_1^4$
123545	1672	252	$\frac{1}{42}$	$\frac{1}{9}$	$\frac{43}{252}$	$\frac{41}{84}$	$\Phi_{252}^5\ \Phi_{126}^8\ \Phi_{84}^6\ \Phi_{63}^8\ \Phi_{42}^8\ \Phi_{36}^5\ \Phi_{28}^6\ \Phi_{21}^8\ \Phi_{18}^8\ \Phi_{14}^8\ \Phi_{12}^6\ \Phi_9^7\ \Phi_7^8\ \Phi_6^8\ \Phi_4^6\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
123546	1672	1224	$\frac{5}{204}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{199}{408}$	$\Phi_{1224}^3\ \Phi_{408}^2\ \Phi_{136}^2\ \Phi_{72}^3\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123547	1672	1671	$\frac{41}{1671}$	$\frac{113}{1671}$	$\frac{428}{1671}$	$\frac{815}{1671}$	$\Phi_{1671}\ \Phi_{557}\ \Phi_3\ \Phi_1^2$
123548	1672	279	$\frac{7}{279}$	$\frac{13}{279}$	$\frac{1}{3}$	$\frac{136}{279}$	$\Phi_{279}^6\ \Phi_{93}^6\ \Phi_{31}^6\ \Phi_9^6\ \Phi_3^5\ \Phi_1^6$
123549	1672	2553	$\frac{1}{37}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{2553}\ \Phi_{69}^2$
123550	1672	1591	$\frac{1}{37}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{18}{37}$	$\Phi_{1591}\ \Phi_{43}^2\ \Phi_{37}^2\ \Phi_1^4$
123551	1672	2220	$\frac{1}{37}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{18}{37}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{740}\ \Phi_{555}\ \Phi_{370}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2$
123552	1672	3654	$\frac{6}{203}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{197}{406}$	$\Phi_{3654}\ \Phi_{1218}\ \Phi_{522}\ \Phi_{174}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_6$
123553	1672	405	$\frac{13}{405}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{196}{405}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^4\ \Phi_{45}^4\ \Phi_{27}^6\ \Phi_{15}^4\ \Phi_9^6\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
123554	1672	651	$\frac{1}{31}$	$\frac{8}{217}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{651}^4\ \Phi_{93}^3\ \Phi_{21}^4\ \Phi_3^2$
123555	1672	720	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{31}{240}$	$\frac{29}{60}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^2\ \Phi_{144}^3\ \Phi_{120}^2\ \Phi_{90}^3\ \Phi_{80}^2\ \Phi_{72}^3\ \Phi_{48}^2\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123556	1672	1780	$\frac{3}{89}$	$\frac{1}{20}$	$\frac{23}{89}$	$\frac{43}{89}$	$\Phi_{1780}\ \Phi_{890}\ \Phi_{445}\ \Phi_{356}\ \Phi_{178}$
123557	1672	216	$\frac{7}{216}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{216}^8\ \Phi_{108}^8\ \Phi_{72}^8\ \Phi_{54}^8\ \Phi_{36}^8\ \Phi_{27}^6\ \Phi_{24}^8\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^6\ \Phi_8^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
123558	1672	1209	$\frac{1}{31}$	$\frac{15}{403}$	$\frac{1}{3}$	$\frac{194}{403}$	$\Phi_{1209}^2\ \Phi_{93}^3\ \Phi_{39}^2\ \Phi_3^2$
123559	1672	1771	$\frac{3}{77}$	$\frac{1}{23}$	$\frac{20}{77}$	$\frac{37}{77}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{161}$
123560	1672	1671	$\frac{67}{1671}$	$\frac{79}{1671}$	$\frac{398}{1671}$	$\frac{802}{1671}$	$\Phi_{1671}\ \Phi_{557}\ \Phi_3\ \Phi_1^2$
123561	1672	1671	$\frac{65}{1671}$	$\frac{73}{1671}$	$\frac{436}{1671}$	$\frac{799}{1671}$	$\Phi_{1671}\ \Phi_{557}\ \Phi_3\ \Phi_1^2$
123562	1672	837	$\frac{23}{837}$	$\frac{37}{837}$	$\frac{1}{3}$	$\frac{400}{837}$	$\Phi_{837}^2\ \Phi_{279}^2\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
123563	1672	3600	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{191}{400}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{240}\ \Phi_{144}\ \Phi_{90}\ \Phi_{48}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
123564	1672	612	$\frac{7}{153}$	$\frac{1}{12}$	$\frac{20}{153}$	$\frac{73}{153}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{204}^3\ \Phi_{153}^2\ \Phi_{102}^3\ \Phi_{68}^3\ \Phi_{51}^2\ \Phi_{36}^3\ \Phi_{34}^3\ \Phi_{18}^3\ \Phi_{17}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123565	1672	273	$\frac{1}{39}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{273}^6\ \Phi_{91}^6\ \Phi_{39}^8\ \Phi_{21}^4\ \Phi_{13}^8\ \Phi_7^4\ \Phi_3^5\ \Phi_1^6$
123566	1672	525	$\frac{1}{25}$	$\frac{1}{21}$	$\frac{6}{25}$	$\frac{10}{21}$	$\Phi_{525}^3\ \Phi_{175}^3\ \Phi_{105}^3\ \Phi_{75}^3\ \Phi_{35}^3\ \Phi_{25}^6\ \Phi_{21}^4\ \Phi_{15}^3\ \Phi_7^4\ \Phi_5^6\ \Phi_3^4\ \Phi_1^8$
123567	1672	420	$\frac{1}{21}$	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^3\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^8\ \Phi_{15}^3\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^8\ \Phi_7^4\ \Phi_6^4\ \Phi_5^6\ \Phi_4^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
123568	1672	315	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{10}{21}$	$\Phi_{315}^6\ \Phi_{105}^3\ \Phi_{63}^6\ \Phi_{45}^8\ \Phi_{35}^3\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_9^8\ \Phi_7^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
123569	1672	557	$\frac{27}{557}$	$\frac{44}{557}$	$\frac{73}{557}$	$\frac{265}{557}$	$\Phi_{557}^3\ \Phi_1^4$
123570	1672	2095	$\frac{20}{419}$	$\frac{21}{419}$	$\frac{1}{5}$	$\frac{199}{419}$	Φ_{2095}
123571	1672	1671	$\frac{56}{1671}$	$\frac{85}{1671}$	$\frac{439}{1671}$	$\frac{793}{1671}$	$\Phi_{1671}\ \Phi_{557}\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
123572	1672	837	$\frac{20}{837}$	$\frac{43}{837}$	$\frac{1}{3}$	$\frac{397}{837}$	$\Phi_{837}^2\ \Phi_{279}^2\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{27}^2\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
123573	1672	180	$\frac{1}{45}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{180}^{18}\ \Phi_{60}^{18}\ \Phi_{45}^2\ \Phi_{36}^{16}\ \Phi_{20}^{18}\ \Phi_{15}^2\ \Phi_{12}^{16}\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{4}^{16}\ \Phi_{3}\ \Phi_{1}^2$
123574	1672	1044	$\frac{1}{29}$	$\frac{1}{18}$	$\frac{7}{29}$	$\frac{17}{36}$	$\Phi_{1044}^3\ \Phi_{348}^3\ \Phi_{116}^3\ \Phi_{36}^4\ \Phi_{29}^3\ \Phi_{12}^4\ \Phi_{4}^4\ \Phi_{1}^4$
123575	1672	4140	$\frac{1}{23}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{4140}\ \Phi_{1380}\ \Phi_{460}\ \Phi_{115}$
123576	1672	1044	$\frac{1}{18}$	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{17}{36}$	$\Phi_{1044}^3\ \Phi_{348}^3\ \Phi_{116}^3\ \Phi_{87}\ \Phi_{36}^4\ \Phi_{29}\ \Phi_{12}^4\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{1}^2$
123577	1672	36	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{17}{36}$	$\Phi_{36}^{43}\ \Phi_{18}^{51}\ \Phi_{12}^{42}\ \Phi_{9}^{50}\ \Phi_{6}^{50}\ \Phi_{4}^{42}\ \Phi_{3}^{49}\ \Phi_{2}^{50}\ \Phi_{1}^{50}$
123578	1672	1581	$\frac{2}{93}$	$\frac{91}{1581}$	$\frac{1}{3}$	$\frac{745}{1581}$	$\Phi_{1581}\ \Phi_{527}\ \Phi_{93}^2\ \Phi_{51}\ \Phi_{31}^2\ \Phi_{17}\ \Phi_{3}\ \Phi_{1}^2$
123579	1672	1020	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{9}{85}$	$\frac{8}{17}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{204}\ \Phi_{170}^2\ \Phi_{102}\ \Phi_{68}\ \Phi_{60}^2\ \Phi_{51}\ \Phi_{34}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2$
123580	1672	3528	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{183}{392}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{168}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{6}$
123581	1672	195	$\frac{1}{39}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{195}^9\ \Phi_{65}^9\ \Phi_{39}^8\ \Phi_{15}^6\ \Phi_{13}^8\ \Phi_{5}^6\ \Phi_{3}^5\ \Phi_{1}^6$
123582	1672	1671	$\frac{47}{1671}$	$\frac{115}{1671}$	$\frac{406}{1671}$	$\frac{778}{1671}$	$\Phi_{1671}\ \Phi_{557}\ \Phi_{3}\ \Phi_{1}^2$
123583	1672	2016	$\frac{15}{224}$	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{28}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{6}$
123584	1672	1170	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{1}{9}$	$\frac{181}{390}$	$\Phi_{1170}^3\ \Phi_{390}^2\ \Phi_{234}^3\ \Phi_{130}^2\ \Phi_{90}^3\ \Phi_{78}^2\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
123585	1672	1170	$\frac{1}{45}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{1170}^2\ \Phi_{585}\ \Phi_{390}^2\ \Phi_{234}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{117}\ \Phi_{90}^2\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_{6}^2$
123586	1672	1780	$\frac{1}{20}$	$\frac{7}{89}$	$\frac{12}{89}$	$\frac{41}{89}$	$\Phi_{1780}\ \Phi_{890}\ \Phi_{445}\ \Phi_{356}\ \Phi_{178}$
123587	1672	805	$\frac{1}{23}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{805}^2\ \Phi_{161}^3\ \Phi_{115}^2\ \Phi_{23}^2$
123588	1672	1671	$\frac{76}{1671}$	$\frac{145}{1671}$	$\frac{227}{1671}$	$\frac{763}{1671}$	$\Phi_{1671}\ \Phi_{557}\ \Phi_{3}\ \Phi_{1}^2$
123589	1672	2095	$\frac{12}{419}$	$\frac{37}{419}$	$\frac{1}{5}$	$\frac{191}{419}$	Φ_{2095}
123590	1672	1671	$\frac{32}{1671}$	$\frac{149}{1671}$	$\frac{455}{1671}$	$\frac{761}{1671}$	$\Phi_{1671}\ \Phi_{557}\ \Phi_{3}\ \Phi_{1}^2$
123591	1672	279	$\frac{4}{279}$	$\frac{25}{279}$	$\frac{1}{3}$	$\frac{127}{279}$	$\Phi_{279}^6\ \Phi_{93}^6\ \Phi_{31}^6\ \Phi_{9}^6\ \Phi_{3}^5\ \Phi_{1}^6$
123592	1672	506	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{506}^4\ \Phi_{253}^3\ \Phi_{46}^4\ \Phi_{23}^2$
123593	1672	4620	$\frac{1}{77}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{4620}\ \Phi_{924}\ \Phi_{660}\ \Phi_{420}\ \Phi_{231}\ \Phi_{132}\ \Phi_{84}\ \Phi_{33}\ \Phi_{21}$
123594	1672	3020	$\frac{3}{151}$	$\frac{1}{10}$	$\frac{37}{151}$	$\frac{9}{20}$	$\Phi_{3020}\ \Phi_{604}\ \Phi_{151}\ \Phi_{20}^2\ \Phi_{4}^2\ \Phi_{1}^2$
123595	1672	780	$\frac{1}{39}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{780}^4\ \Phi_{260}^4\ \Phi_{195}\ \Phi_{156}^4\ \Phi_{65}\ \Phi_{60}^4\ \Phi_{52}^4\ \Phi_{15}\ \Phi_{12}^4$
123596	1672	3020	$\frac{7}{151}$	$\frac{1}{10}$	$\frac{18}{151}$	$\frac{9}{20}$	$\Phi_{3020}\ \Phi_{604}\ \Phi_{151}\ \Phi_{20}^2\ \Phi_{4}^2\ \Phi_{1}^2$
123597	1672	180	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{180}^{10}\ \Phi_{90}^{11}\ \Phi_{60}^{10}\ \Phi_{45}^{11}\ \Phi_{36}^{10}\ \Phi_{30}^{11}\ \Phi_{18}^{11}\ \Phi_{15}^{11}\ \Phi_{12}^{10}\ \Phi_{9}^{10}\ \Phi_{6}^{11}\ \Phi_{3}^{10}$
123598	1672	378	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{1}{9}$	$\frac{169}{378}$	$\Phi_{378}^8\ \Phi_{126}^8\ \Phi_{63}^3\ \Phi_{54}^8\ \Phi_{42}^8\ \Phi_{21}^2\ \Phi_{18}^8\ \Phi_{14}^8\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{6}^8\ \Phi_{3}\ \Phi_{2}^8\ \Phi_{1}^2$
123599	1672	423	$\frac{5}{423}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{423}^4\ \Phi_{141}^4\ \Phi_{47}^4\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
123600	1672	351	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{351}^6\ \Phi_{117}^3\ \Phi_{39}^2\ \Phi_{27}^4\ \Phi_{13}^2\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
123601	1672	324	$\frac{5}{81}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{324}^6\ \Phi_{162}^6\ \Phi_{108}^6\ \Phi_{81}^4\ \Phi_{54}^6\ \Phi_{36}^3\ \Phi_{27}^4\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
123602	1672	204	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{2}{17}$	$\frac{15}{34}$	$\Phi_{204}^9\ \Phi_{102}^9\ \Phi_{68}^9\ \Phi_{51}^9\ \Phi_{34}\ \Phi_{17}^8\ \Phi_{12}^8\ \Phi_{6}^8\ \Phi_{4}^8\ \Phi_{3}^8\ \Phi_{1}^8$
123603	1672	372	$\frac{1}{93}$	$\frac{23}{186}$	$\frac{1}{3}$	$\frac{163}{372}$	$\Phi_{372}^8\ \Phi_{124}^8\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{12}^8\ \Phi_{4}^8\ \Phi_{3}\ \Phi_{1}^2$
123604	1672	2184	$\frac{1}{104}$	$\frac{1}{7}$	$\frac{103}{312}$	$\frac{3}{7}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{312}^2\ \Phi_{273}\ \Phi_{168}\ \Phi_{156}^2\ \Phi_{84}\ \Phi_{78}^2\ \Phi_{42}\ \Phi_{39}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
123605	1672	1484	$\frac{3}{212}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1484}\ \Phi_{742}\ \Phi_{371}\ \Phi_{212}^2\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{7}\ \Phi_{1}^2$
123606	1672	1820	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{51}{260}$	$\frac{3}{7}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{260}^2\ \Phi_{140}\ \Phi_{130}^2\ \Phi_{70}\ \Phi_{65}^2\ \Phi_{35}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
123607	1672	1512	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}^2\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}^2\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{54}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
123608	1672	1638	$\frac{1}{26}$	$\frac{25}{234}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{234}^2\ \Phi_{126}\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{63}\ \Phi_{42}\ \Phi_{39}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
123609	1672	483	$\frac{1}{23}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{483}^4\ \Phi_{161}^3\ \Phi_{69}^4\ \Phi_{23}^2$
123610	1672	728	$\frac{5}{104}$	$\frac{9}{104}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{728}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{104}^4\ \Phi_{91}^2\ \Phi_{56}^2\ \Phi_{52}^4\ \Phi_{28}^2\ \Phi_{26}^4\ \Phi_{14}^2\ \Phi_{13}^4\ \Phi_8^4\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
123611	1672	420	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^3\ \Phi_{105}^4\ \Phi_{84}^3\ \Phi_{70}^3\ \Phi_{60}^8\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^8\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{20}^6\ \Phi_{15}^8\ \Phi_{14}^2\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_7^3\ \Phi_6^6\ \Phi_5^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
123612	1672	1547	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1547}\ \Phi_{221}^2\ \Phi_{119}\ \Phi_{17}^2\ \Phi_7\ \Phi_1^2$
123613	1672	224	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{224}^8\ \Phi_{112}^7\ \Phi_{56}^7\ \Phi_{32}^8\ \Phi_{28}^7\ \Phi_{16}^6\ \Phi_{14}^7\ \Phi_8^6\ \Phi_7^8\ \Phi_4^6\ \Phi_2^6\ \Phi_1^8$
123614	1672	759	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{759}^2\ \Phi_{253}^3\ \Phi_{69}^2\ \Phi_{23}^2$
123615	1672	360	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{29}{180}$	$\frac{151}{360}$	$\Phi_{360}^8\ \Phi_{120}^8\ \Phi_{90}^3\ \Phi_{72}^8\ \Phi_{45}^3\ \Phi_{40}^8\ \Phi_{30}^2\ \Phi_{24}^8\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^8\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123616	1672	216	$\frac{7}{216}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{216}^8\ \Phi_{108}^8\ \Phi_{72}^8\ \Phi_{54}^8\ \Phi_{36}^5\ \Phi_{27}^8\ \Phi_{24}^8\ \Phi_{18}^8\ \Phi_{12}^6\ \Phi_9^7\ \Phi_8^8\ \Phi_6^8\ \Phi_4^6\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
123617	1672	2848	$\frac{1}{89}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{2848}\ \Phi_{356}\ \Phi_{178}$
123618	1672	3150	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{34}{175}$	$\frac{141}{350}$	$\Phi_{3150}\ \Phi_{1050}\ \Phi_{630}\ \Phi_{450}\ \Phi_{315}\ \Phi_{210}\ \Phi_{150}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
123619	1672	1395	$\frac{2}{279}$	$\frac{277}{1395}$	$\frac{1}{3}$	$\frac{559}{1395}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}^2\ \Phi_{155}\ \Phi_{93}^2\ \Phi_{45}\ \Phi_{31}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
123620	1672	975	$\frac{1}{39}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{195}\ \Phi_{75}^2\ \Phi_{65}\ \Phi_{15}$
123621	1672	306	$\frac{1}{153}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{306}^9\ \Phi_{153}^2\ \Phi_{102}^9\ \Phi_{51}^2\ \Phi_{34}^9\ \Phi_{18}^8\ \Phi_{17}^2\ \Phi_9^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
123622	1672	234	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{234}^{12}\ \Phi_{117}^3\ \Phi_{78}^{12}\ \Phi_{39}^2\ \Phi_{26}^{12}\ \Phi_{18}^8\ \Phi_{13}^2\ \Phi_9^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
123623	1672	557	$\frac{18}{557}$	$\frac{49}{557}$	$\frac{127}{557}$	$\frac{215}{557}$	$\Phi_{557}^3\ \Phi_1^4$
123624	1672	1780	$\frac{1}{20}$	$\frac{5}{89}$	$\frac{21}{89}$	$\frac{34}{89}$	$\Phi_{1780}\ \Phi_{890}\ \Phi_{445}\ \Phi_{356}\ \Phi_{178}$
123625	1672	1671	$\frac{83}{1671}$	$\frac{94}{1671}$	$\frac{397}{1671}$	$\frac{637}{1671}$	$\Phi_{1671}\ \Phi_{557}\ \Phi_3\ \Phi_1^2$
123626	1672	612	$\frac{5}{153}$	$\frac{1}{12}$	$\frac{37}{153}$	$\frac{58}{153}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{204}^3\ \Phi_{153}^2\ \Phi_{102}^3\ \Phi_{68}^3\ \Phi_{51}^2\ \Phi_{36}^3\ \Phi_{34}^3\ \Phi_{18}^3\ \Phi_{17}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123627	1672	1008	$\frac{1}{42}$	$\frac{1}{9}$	$\frac{41}{168}$	$\frac{127}{336}$	$\Phi_{1008}^3\ \Phi_{336}^2\ \Phi_{144}^3\ \Phi_{126}^3\ \Phi_{112}^2\ \Phi_{63}^3\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123628	1672	2448	$\frac{1}{153}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{612}\ \Phi_{306}\ \Phi_{272}\ \Phi_{204}\ \Phi_{144}\ \Phi_{102}\ \Phi_{68}\ \Phi_{48}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
123629	1672	2136	$\frac{1}{89}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2136}\ \Phi_{1068}\ \Phi_{534}\ \Phi_{356}\ \Phi_{267}\ \Phi_{178}$
123630	1672	2670	$\frac{1}{89}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{2670}\ \Phi_{890}\ \Phi_{534}\ \Phi_{445}\ \Phi_{178}$
123631	1672	210	$\frac{1}{210}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^8\ \Phi_{105}^8\ \Phi_{70}^8\ \Phi_{42}^8\ \Phi_{35}^8\ \Phi_{30}^8\ \Phi_{21}^8\ \Phi_{15}^8\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_7^8\ \Phi_6^8\ \Phi_5^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
123632	1672	1251	$\frac{2}{417}$	$\frac{415}{1251}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1251}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
123633	1672	834	$\frac{1}{139}$	$\frac{69}{278}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{834}^2\ \Phi_{417}\ \Phi_{278}^4\ \Phi_{139}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
123634	1672	315	$\frac{1}{45}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{315}^6\ \Phi_{105}^6\ \Phi_{63}^6\ \Phi_{45}^2\ \Phi_{35}^6\ \Phi_{21}^4\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
123635	1672	417	$\frac{10}{417}$	$\frac{37}{417}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{417}^4\ \Phi_{139}^4\ \Phi_3^5\ \Phi_1^6$
123636	1672	156	$\frac{1}{39}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{156}^{12}\ \Phi_{78}^{12}\ \Phi_{52}^{12}\ \Phi_{39}^8\ \Phi_{26}^{12}\ \Phi_{13}^8\ \Phi_{12}^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
123637	1672	417	$\frac{6}{139}$	$\frac{7}{139}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{417}^3\ \Phi_{139}^6\ \Phi_3^4\ \Phi_1^8$
123638	1672	1380	$\frac{1}{23}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}^2\ \Phi_{345}\ \Phi_{276}\ \Phi_{230}^2\ \Phi_{138}\ \Phi_{115}^2\ \Phi_{92}^2\ \Phi_{46}^2$
123639	1672	1560	$\frac{1}{104}$	$\frac{1}{5}$	$\frac{103}{312}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}^2\ \Phi_{390}\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{120}\ \Phi_{65}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
123640	1672	621	$\frac{4}{207}$	$\frac{1}{9}$	$\frac{203}{621}$	$\frac{1}{3}$	$\Phi_{621}^4\ \Phi_{27}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
123641	1672	900	$\frac{2}{75}$	$\frac{1}{12}$	$\frac{73}{225}$	$\frac{1}{3}$	$\Phi_{900}^3\ \Phi_{450}^3\ \Phi_{225}^2\ \Phi_{180}^3\ \Phi_{90}^3\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123642	1672	81	$\frac{1}{27}$	$\frac{5}{81}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{81}^{20}\ \Phi_{27}^{22}\ \Phi_9^{22}\ \Phi_3^{21}\ \Phi_1^{22}$
123643	1672	1215	$\frac{1}{27}$	$\frac{26}{405}$	$\frac{379}{1215}$	$\frac{1}{3}$	$\Phi_{1215}^2\ \Phi_{243}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
123644	1672	1209	$\frac{1}{31}$	$\frac{30}{403}$	$\frac{373}{1209}$	$\frac{1}{3}$	$\Phi_{1209}\ \Phi_{403}^2\ \Phi_{93}^2\ \Phi_{39}\ \Phi_{31}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
123645	1672	819	$\frac{1}{39}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{819}^3\ \Phi_{117}^3\ \Phi_{63}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
123646	1672	135	$\frac{1}{45}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{135}^{18}\ \Phi_{45}^2\ \Phi_{27}^{16}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
123647	1672	1155	$\frac{1}{77}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{1155}\ \Phi_{385}^2\ \Phi_{231}^2\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}^2\ \Phi_{55}^2\ \Phi_{35}^2\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{11}^2\ \Phi_7^2$
123648	1672	279	$\frac{1}{93}$	$\frac{23}{93}$	$\frac{70}{279}$	$\frac{1}{3}$	$\Phi_{279}^8\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_9^8\ \Phi_3\ \Phi_1^2$
123649	1672	3180	$\frac{3}{212}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3180}\ \Phi_{1590}\ \Phi_{795}\ \Phi_{15}$
123650	1672	828	$\frac{2}{69}$	$\frac{1}{9}$	$\frac{67}{276}$	$\frac{1}{3}$	$\Phi_{828}^3\ \Phi_{414}^3\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
123651	1672	609	$\frac{1}{29}$	$\frac{2}{21}$	$\frac{7}{29}$	$\frac{1}{3}$	$\Phi_{609}^3\ \Phi_{203}^3\ \Phi_{29}^3\ \Phi_{21}^4\ \Phi_7^4\ \Phi_1^4$
123652	1672	300	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{6}{25}$	$\frac{1}{3}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^6\ \Phi_{75}^3\ \Phi_{60}^6\ \Phi_{50}^6\ \Phi_{30}^6\ \Phi_{25}^6\ \Phi_{20}^6\ \Phi_{15}^3\ \Phi_{12}^8\ \Phi_{10}^6\ \Phi_6^8\ \Phi_5^6\ \Phi_4^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
123653	1672	837	$\frac{41}{837}$	$\frac{58}{837}$	$\frac{199}{837}$	$\frac{1}{3}$	$\Phi_{837}^2\ \Phi_{279}^2\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
123654	1672	2580	$\frac{1}{20}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{645}\ \Phi_{516}\ \Phi_{258}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2$
123655	1672	837	$\frac{34}{837}$	$\frac{73}{837}$	$\frac{191}{837}$	$\frac{1}{3}$	$\Phi_{837}^2\ \Phi_{279}^2\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
123656	1672	270	$\frac{1}{27}$	$\frac{13}{135}$	$\frac{61}{270}$	$\frac{1}{3}$	$\Phi_{270}^8\ \Phi_{135}^4\ \Phi_{90}^8\ \Phi_{54}^8\ \Phi_{45}^4\ \Phi_{30}^8\ \Phi_{27}^6\ \Phi_{18}^8\ \Phi_{15}^4\ \Phi_{10}^8\ \Phi_9^6\ \Phi_6^8\ \Phi_5^4\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
123657	1672	651	$\frac{8}{217}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{651}^4\ \Phi_{93}^3\ \Phi_{21}^4\ \Phi_3^2$
123658	1672	999	$\frac{7}{333}$	$\frac{163}{999}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{999}^2\ \Phi_{333}\ \Phi_{111}\ \Phi_{37}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
123659	1672	45	$\frac{1}{45}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{45}^{37}\ \Phi_{15}^{37}\ \Phi_9^{38}\ \Phi_5^{37}\ \Phi_3^{37}\ \Phi_1^{38}$
123660	1672	216	$\frac{7}{216}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{216}^8\ \Phi_{108}^8\ \Phi_{72}^8\ \Phi_{54}^8\ \Phi_{36}^8\ \Phi_{27}^8\ \Phi_{24}^8\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^2\ \Phi_8^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
123661	1672	546	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{546}^4\ \Phi_{273}^2\ \Phi_{182}^4\ \Phi_{91}^2\ \Phi_{78}^4\ \Phi_{42}^2\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{21}\ \Phi_{14}^4\ \Phi_{13}^4\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
123662	1672	360	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^6\ \Phi_{72}^6\ \Phi_{60}^6\ \Phi_{45}^2\ \Phi_{40}^6\ \Phi_{36}^6\ \Phi_{24}^4\ \Phi_{20}^6\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
123663	1672	780	$\frac{1}{52}$	$\frac{51}{260}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{195}^3\ \Phi_{156}^4\ \Phi_{78}^4\ \Phi_{60}^3\ \Phi_{39}^4\ \Phi_{30}^3\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4$
123664	1672	1080	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
123665	1672	1170	$\frac{1}{26}$	$\frac{25}{234}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{390}\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{90}^2\ \Phi_{65}^2\ \Phi_{45}^2\ \Phi_{30}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
123666	1672	2415	$\frac{1}{23}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{805}\ \Phi_{115}$
123667	1672	1560	$\frac{5}{104}$	$\frac{9}{104}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1560}^2\ \Phi_{780}^2\ \Phi_{390}^2\ \Phi_{195}^2\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^3$
123668	1672	60	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{60}^{26}\ \Phi_{30}^{26}\ \Phi_{20}^{30}\ \Phi_{15}^{27}\ \Phi_{12}^{28}\ \Phi_{10}^{30}\ \Phi_6^{28}\ \Phi_5^{30}\ \Phi_4^{32}\ \Phi_3^{28}\ \Phi_2^{32}\ \Phi_1^{32}$
123669	1672	3315	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3315}\ \Phi_{255}\ \Phi_{15}$
123670	1672	3360	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{480}\ \Phi_{420}\ \Phi_{210}\ \Phi_{105}\ \Phi_{15}$
123671	1672	945	$\frac{1}{27}$	$\frac{109}{945}$	$\frac{26}{135}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
123672	1672	1035	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{199}{1035}$	$\frac{1}{3}$	$\Phi_{1035}^2\ \Phi_{345}^2\ \Phi_{115}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
123673	1672	93	$\frac{5}{93}$	$\frac{8}{93}$	$\frac{17}{93}$	$\frac{1}{3}$	$\Phi_{93}^{18}\ \Phi_{31}^{18}\ \Phi_3^{17}\ \Phi_1^{18}$
123674	1672	243	$\frac{1}{27}$	$\frac{34}{243}$	$\frac{13}{81}$	$\frac{1}{3}$	$\Phi_{243}^8\ \Phi_{81}^4\ \Phi_{27}^6\ \Phi_9^6\ \Phi_3^5\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
123675	1672	180	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{7}{45}$	$\frac{1}{3}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}^{6}\ \Phi_{45}^{8}\ \Phi_{36}^{12}\ \Phi_{30}^{6}\ \Phi_{20}^{6}\ \Phi_{18}^{12}\ \Phi_{15}^{4}\ \Phi_{12}^{8}\ \Phi_{10}^{6}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{4}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
123676	1672	660	$\frac{13}{165}$	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{220}^{3}\ \Phi_{165}^{2}\ \Phi_{132}^{3}\ \Phi_{110}^{3}\ \Phi_{66}^{3}\ \Phi_{55}^{2}\ \Phi_{44}^{3}\ \Phi_{33}^{2}\ \Phi_{22}^{3}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
123677	1672	609	$\frac{7}{87}$	$\frac{2}{21}$	$\frac{10}{87}$	$\frac{1}{3}$	$\Phi_{609}^{3}\ \Phi_{203}^{3}\ \Phi_{87}\ \Phi_{29}\ \Phi_{21}^{4}\ \Phi_{7}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
123678	1672	252	$\frac{1}{12}$	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{252}^{9}\ \Phi_{126}^{9}\ \Phi_{84}^{6}\ \Phi_{63}^{6}\ \Phi_{42}^{6}\ \Phi_{36}^{3}\ \Phi_{28}^{6}\ \Phi_{21}^{4}\ \Phi_{18}^{3}\ \Phi_{14}^{6}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
123679	1672	270	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{61}{270}$	$\frac{29}{90}$	$\Phi_{270}^{8}\ \Phi_{135}^{8}\ \Phi_{90}^{3}\ \Phi_{54}^{8}\ \Phi_{45}^{3}\ \Phi_{30}^{2}\ \Phi_{27}^{8}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
123680	1672	252	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{43}{252}$	$\frac{20}{63}$	$\Phi_{252}^{8}\ \Phi_{126}^{8}\ \Phi_{84}^{8}\ \Phi_{63}^{3}\ \Phi_{42}^{8}\ \Phi_{36}^{8}\ \Phi_{28}^{8}\ \Phi_{21}^{2}\ \Phi_{18}^{8}\ \Phi_{14}^{8}\ \Phi_{12}^{8}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
123681	1672	306	$\frac{5}{102}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{97}{306}$	$\Phi_{306}^{5}\ \Phi_{153}^{5}\ \Phi_{102}^{6}\ \Phi_{51}^{6}\ \Phi_{34}^{6}\ \Phi_{18}^{8}\ \Phi_{17}^{6}\ \Phi_{9}^{7}\ \Phi_{6}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
123682	1672	900	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{91}{300}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}\ \Phi_{225}^{2}\ \Phi_{180}^{2}\ \Phi_{150}\ \Phi_{100}^{2}\ \Phi_{90}^{3}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}^{2}\ \Phi_{45}^{3}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
123683	1672	2277	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{2277}\ \Phi_{253}\ \Phi_{207}$
123684	1672	783	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{7}{29}$	$\frac{8}{27}$	$\Phi_{783}^{3}\ \Phi_{29}^{3}\ \Phi_{27}^{4}\ \Phi_{1}^{4}$
123685	1672	3105	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{3105}\ \Phi_{115}$
123686	1672	783	$\frac{7}{87}$	$\frac{1}{9}$	$\frac{10}{87}$	$\frac{8}{27}$	$\Phi_{783}^{3}\ \Phi_{87}\ \Phi_{29}\ \Phi_{27}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
123687	1672	108	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{108}^{24}\ \Phi_{54}^{24}\ \Phi_{36}^{3}\ \Phi_{27}^{16}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
123688	1672	882	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{98}$	$\frac{85}{294}$	$\Phi_{882}^{2}\ \Phi_{441}^{2}\ \Phi_{294}\ \Phi_{147}\ \Phi_{126}^{3}\ \Phi_{98}^{2}\ \Phi_{63}^{3}\ \Phi_{49}^{2}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{3}\ \Phi_{14}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
123689	1672	2415	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{345}\ \Phi_{161}\ \Phi_{69}$
123690	1672	2265	$\frac{3}{151}$	$\frac{1}{5}$	$\frac{37}{151}$	$\frac{4}{15}$	$\Phi_{2265}\ \Phi_{453}\ \Phi_{151}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
123691	1672	195	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{195}^{9}\ \Phi_{65}^{9}\ \Phi_{39}^{8}\ \Phi_{15}^{5}\ \Phi_{13}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
123692	1672	2265	$\frac{7}{151}$	$\frac{18}{151}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2265}\ \Phi_{453}\ \Phi_{151}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
123693	1672	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{60}^{6}\ \Phi_{45}^{9}\ \Phi_{36}^{11}\ \Phi_{30}^{6}\ \Phi_{20}^{10}\ \Phi_{18}^{11}\ \Phi_{15}^{5}\ \Phi_{12}^{6}\ \Phi_{10}^{10}\ \Phi_{9}^{8}\ \Phi_{6}^{6}\ \Phi_{5}^{8}\ \Phi_{4}^{10}\ \Phi_{3}^{4}\ \Phi_{2}^{10}\ \Phi_{1}^{8}$
123694	1672	204	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{4}{17}$	$\frac{13}{51}$	$\Phi_{204}^{9}\ \Phi_{102}^{9}\ \Phi_{68}^{9}\ \Phi_{51}^{5}\ \Phi_{34}^{9}\ \Phi_{17}^{8}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
123695	1672	696	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{7}{29}$	$\Phi_{696}^{3}\ \Phi_{348}^{3}\ \Phi_{232}^{3}\ \Phi_{116}^{3}\ \Phi_{29}^{4}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
123696	1672	350	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{6}{25}$	$\Phi_{350}^{6}\ \Phi_{175}^{3}\ \Phi_{70}^{6}\ \Phi_{50}^{6}\ \Phi_{35}^{3}\ \Phi_{25}^{6}\ \Phi_{14}^{8}\ \Phi_{10}^{6}\ \Phi_{7}^{4}\ \Phi_{5}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
123697	1672	720	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{31}{240}$	$\frac{9}{40}$	$\Phi_{720}^{3}\ \Phi_{360}^{2}\ \Phi_{240}^{2}\ \Phi_{180}^{2}\ \Phi_{144}^{3}\ \Phi_{120}\ \Phi_{90}^{3}\ \Phi_{80}^{2}\ \Phi_{72}^{2}\ \Phi_{60}\ \Phi_{48}^{2}\ \Phi_{45}^{3}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{18}^{3}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
123698	1672	180	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{7}{45}$	$\frac{2}{9}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}^{12}\ \Phi_{45}^{8}\ \Phi_{36}^{3}\ \Phi_{30}^{12}\ \Phi_{20}^{12}\ \Phi_{18}^{3}\ \Phi_{15}^{8}\ \Phi_{12}^{2}\ \Phi_{10}^{12}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{8}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
123699	1672	140	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{140}^{12}\ \Phi_{70}^{10}\ \Phi_{35}^{11}\ \Phi_{28}^{12}\ \Phi_{20}^{16}\ \Phi_{14}^{12}\ \Phi_{10}^{14}\ \Phi_{7}^{12}\ \Phi_{5}^{14}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
123700	1672	630	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{7}{45}$	$\frac{3}{14}$	$\Phi_{630}^{4}\ \Phi_{315}^{2}\ \Phi_{210}^{2}\ \Phi_{126}^{4}\ \Phi_{105}\ \Phi_{90}^{4}\ \Phi_{70}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{4}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{21}\ \Phi_{18}^{4}\ \Phi_{15}^{2}\ \Phi_{14}^{4}\ \Phi_{10}^{2}\ \Phi_{9}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
123701	1672	126	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{126}^{19}\ \Phi_{63}^{11}\ \Phi_{42}^{12}\ \Phi_{21}^{7}\ \Phi_{18}^{19}\ \Phi_{14}^{14}\ \Phi_{9}^{10}\ \Phi_{7}^{8}\ \Phi_{6}^{12}\ \Phi_{3}^{6}\ \Phi_{2}^{14}\ \Phi_{1}^{8}$
123702	1672	2760	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{920}\ \Phi_{460}\ \Phi_{115}$
123703	1672	696	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{696}^{3}\ \Phi_{348}^{3}\ \Phi_{232}^{3}\ \Phi_{116}^{3}\ \Phi_{87}\ \Phi_{29}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
123704	1672	72	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{72}^{33}\ \Phi_{36}^{18}\ \Phi_{24}^{22}\ \Phi_{18}^{21}\ \Phi_{12}^{12}\ \Phi_{9}^{20}\ \Phi_{8}^{22}\ \Phi_{6}^{14}\ \Phi_{4}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
123705	1672	2250	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{41}{250}$	$\frac{9}{50}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{750}\ \Phi_{375}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
123706	1673	1428	$\frac{1}{238}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{237}{476}$	$\Phi_{714}^{2}\ \Phi_{476}\ \Phi_{357}^{2}\ \Phi_{238}^{2}\ \Phi_{119}^{2}\ \Phi_{102}^{2}\ \Phi_{68}\ \Phi_{51}^{2}\ \Phi_{42}^{2}\ \Phi_{34}^{2}\ \Phi_{28}\ \Phi_{21}^{2}\ \Phi_{17}^{2}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
123707	1673	4284	$\frac{1}{238}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{237}{476}$	$\Phi_{4284}\ \Phi_{612}\ \Phi_{476}\ \Phi_{252}\ \Phi_{68}\ \Phi_{36}\ \Phi_{28}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
123708	1673	3328	$\frac{9}{1664}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1655}{3328}$	$\Phi_{3328}\ \Phi_{256}\ \Phi_{16}\ \Phi_{1}$
123709	1673	3040	$\frac{1}{152}$	$\frac{153}{1520}$	$\frac{1367}{3040}$	$\frac{151}{304}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{304}\ \Phi_{160}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
123710	1673	1896	$\frac{2}{237}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{235}{474}$	$\Phi_{1896}\ \Phi_{948}\ \Phi_{632}\ \Phi_{316}\ \Phi_{237}\ \Phi_{79}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
123711	1673	3312	$\frac{17}{1656}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1639}{3312}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{144}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
123712	1673	3168	$\frac{1}{88}$	$\frac{89}{1584}$	$\frac{1495}{3168}$	$\frac{87}{176}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{176}\ \Phi_{96}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
123713	1673	2112	$\frac{1}{88}$	$\frac{89}{528}$	$\frac{439}{2112}$	$\frac{87}{176}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{176}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
123714	1673	320	$\frac{1}{80}$	$\frac{1}{8}$	$\frac{81}{320}$	$\frac{79}{160}$	$\Phi_{320}^7\ \Phi_{80}^7\ \Phi_{64}^7\ \Phi_{40}^7\ \Phi_{20}^7\ \Phi_{16}^7\ \Phi_{10}^7\ \Phi_{8}^6\ \Phi_{5}^7\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^7$
123715	1673	472	$\frac{3}{236}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{233}{472}$	$\Phi_{472}^3\ \Phi_{236}^4\ \Phi_{118}^4\ \Phi_{59}^4\ \Phi_{8}^6\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^7$
123716	1673	3300	$\frac{23}{1650}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1627}{3300}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{300}\ \Phi_{220}\ \Phi_{132}\ \Phi_{100}\ \Phi_{60}\ \Phi_{44}\ \Phi_{33}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
123717	1673	1880	$\frac{4}{235}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{231}{470}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{376}\ \Phi_{235}\ \Phi_{188}\ \Phi_{47}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
123718	1673	2244	$\frac{10}{561}$	$\frac{1}{11}$	$\frac{571}{2244}$	$\frac{551}{1122}$	$\Phi_{2244}\ \Phi_{748}\ \Phi_{561}\ \Phi_{204}\ \Phi_{187}\ \Phi_{132}\ \Phi_{68}\ \Phi_{51}\ \Phi_{44}\ \Phi_{33}\ \Phi_{17}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
123719	1673	3280	$\frac{33}{1640}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1607}{3280}$	$\Phi_{3280}\ \Phi_{656}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
123720	1673	288	$\frac{1}{48}$	$\frac{1}{8}$	$\frac{49}{288}$	$\frac{47}{96}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{72}^7\ \Phi_{48}^7\ \Phi_{36}^7\ \Phi_{24}^7\ \Phi_{18}^7\ \Phi_{16}^7\ \Phi_{12}^7\ \Phi_{9}^7\ \Phi_{8}^6\ \Phi_{6}^7\ \Phi_{4}^6\ \Phi_{3}^7\ \Phi_{2}^6\ \Phi_{1}^7$
123721	1673	936	$\frac{5}{234}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{229}{468}$	$\Phi_{936}^2\ \Phi_{468}\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{36}\ \Phi_{26}^2\ \Phi_{24}^4\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_{9}^2\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
123722	1673	3264	$\frac{41}{1632}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1591}{3264}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
123723	1673	1920	$\frac{7}{240}$	$\frac{1}{8}$	$\frac{247}{1920}$	$\frac{233}{480}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
123724	1673	464	$\frac{7}{232}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{225}{464}$	$\Phi_{464}^7\ \Phi_{16}^7\ \Phi_{8}^6\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^7$
123725	1673	920	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{221}{460}$	$\Phi_{920}^2\ \Phi_{460}\ \Phi_{230}^2\ \Phi_{184}^2\ \Phi_{115}^2\ \Phi_{92}\ \Phi_{46}^2\ \Phi_{40}^4\ \Phi_{23}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_{8}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
123726	1673	3200	$\frac{73}{1600}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1527}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
123727	1673	456	$\frac{1}{38}$	$\frac{11}{228}$	$\frac{37}{114}$	$\frac{217}{456}$	$\Phi_{456}^7\ \Phi_{152}^7\ \Phi_{114}\ \Phi_{57}\ \Phi_{24}^7\ \Phi_{8}^7\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
123728	1673	456	$\frac{11}{228}$	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{217}{456}$	$\Phi_{456}^7\ \Phi_{152}^7\ \Phi_{38}^2\ \Phi_{24}^7\ \Phi_{19}^2\ \Phi_{8}^7\ \Phi_{2}^2\ \Phi_{1}^3$
123729	1673	456	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{217}{456}$	$\Phi_{456}^3\ \Phi_{228}^4\ \Phi_{152}^3\ \Phi_{114}^4\ \Phi_{76}^4\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{24}^7\ \Phi_{19}^4\ \Phi_{12}^7\ \Phi_{8}^6\ \Phi_{6}^7\ \Phi_{4}^6\ \Phi_{3}^7\ \Phi_{2}^6\ \Phi_{1}^7$
123730	1673	1870	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{197}{1870}$	$\frac{177}{374}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{187}\ \Phi_{170}\ \Phi_{110}\ \Phi_{85}\ \Phi_{55}\ \Phi_{17}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
123731	1673	3168	$\frac{1}{44}$	$\frac{89}{1584}$	$\frac{43}{132}$	$\frac{1495}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{33}\ \Phi_{32}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
123732	1673	3168	$\frac{89}{1584}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1495}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{99}\ \Phi_{96}\ \Phi_{33}\ \Phi_{32}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
123733	1673	1800	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{211}{450}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}^2\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
123734	1673	256	$\frac{1}{16}$	$\frac{17}{256}$	$\frac{1}{8}$	$\frac{15}{32}$	$\Phi_{256}^7\ \Phi_{128}^7\ \Phi_{64}^7\ \Phi_{16}^7\ \Phi_{8}^6\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^7$
123735	1673	2280	$\frac{1}{38}$	$\frac{37}{570}$	$\frac{607}{2280}$	$\frac{533}{1140}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{190}\ \Phi_{152}\ \Phi_{120}\ \Phi_{114}\ \Phi_{95}\ \Phi_{57}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
123736	1673	448	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{1}{8}$	$\frac{209}{448}$	$\Phi_{448}^7\ \Phi_{64}^7\ \Phi_{16}^7\ \Phi_{8}^6\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^7$
123737	1673	3120	$\frac{7}{120}$	$\frac{113}{1560}$	$\frac{1}{8}$	$\frac{1447}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
123738	1673	2288	$\frac{1}{44}$	$\frac{43}{572}$	$\frac{615}{2288}$	$\frac{529}{1144}$	$\Phi_{2288}\ \Phi_{572}\ \Phi_{286}\ \Phi_{208}\ \Phi_{176}\ \Phi_{143}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
123739	1673	440	$\frac{1}{22}$	$\frac{19}{220}$	$\frac{3}{22}$	$\frac{201}{440}$	$\Phi_{440}^7\ \Phi_{88}^7\ \Phi_{40}^7\ \Phi_{22}^6\ \Phi_{11}^6\ \Phi_{8}^7\ \Phi_{2}^6\ \Phi_{1}^7$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
123740	1673	440	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{1}{8}$	$\frac{201}{440}$	$\Phi_{440}^3\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{88}^3\ \Phi_{55}^4\ \Phi_{44}^4\ \Phi_{40}^7\ \Phi_{22}^4\ \Phi_{20}^7\ \Phi_{11}^4\ \Phi_{10}^7\ \Phi_8^6\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
123741	1673	1936	$\frac{1}{22}$	$\frac{21}{242}$	$\frac{263}{1936}$	$\frac{221}{484}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{242}\ \Phi_{176}\ \Phi_{121}\ \Phi_{88}\ \Phi_{16}\ \Phi_8\ \Phi_1$
123742	1673	1760	$\frac{87}{1760}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{160}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{16}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
123743	1673	3040	$\frac{1}{38}$	$\frac{153}{1520}$	$\frac{37}{190}$	$\frac{1367}{3040}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{190}\ \Phi_{160}\ \Phi_{95}\ \Phi_{32}\ \Phi_{10}\ \Phi_5\ \Phi_1$
123744	1673	1782	$\frac{109}{1782}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{198}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{162}\ \Phi_{99}\ \Phi_{81}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1$
123745	1673	432	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{1}{8}$	$\frac{193}{432}$	$\Phi_{432}^7\ \Phi_{144}^7\ \Phi_{48}^7\ \Phi_{24}^7\ \Phi_{16}^7\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
123746	1673	2052	$\frac{1}{38}$	$\frac{37}{342}$	$\frac{379}{2052}$	$\frac{305}{684}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{513}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{108}\ \Phi_{57}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
123747	1673	2992	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{177}{1496}$	$\frac{1319}{2992}$	$\Phi_{2992}\ \Phi_{272}\ \Phi_{187}\ \Phi_{176}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
123748	1673	2496	$\frac{9}{832}$	$\frac{1}{8}$	$\frac{823}{2496}$	$\frac{7}{16}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{192}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
123749	1673	1696	$\frac{23}{1696}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1696}\ \Phi_{848}\ \Phi_{424}\ \Phi_{212}\ \Phi_{106}\ \Phi_{53}\ \Phi_{16}\ \Phi_1$
123750	1673	2080	$\frac{9}{416}$	$\frac{1}{8}$	$\frac{407}{2080}$	$\frac{7}{16}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{160}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
123751	1673	1728	$\frac{55}{1728}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
123752	1673	1872	$\frac{9}{208}$	$\frac{199}{1872}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
123753	1673	256	$\frac{17}{256}$	$\frac{9}{128}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{256}^7\ \Phi_{128}^6\ \Phi_{64}^6\ \Phi_{32}^6\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
123754	1673	264	$\frac{1}{22}$	$\frac{25}{264}$	$\frac{3}{22}$	$\frac{19}{44}$	$\Phi_{264}^7\ \Phi_{132}^7\ \Phi_{88}^7\ \Phi_{66}^7\ \Phi_{33}^7\ \Phi_{24}^7\ \Phi_{22}^6\ \Phi_{12}^7\ \Phi_{11}^6\ \Phi_8^7\ \Phi_6^7\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
123755	1673	840	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{29}{210}$	$\frac{181}{420}$	$\Phi_{840}^2\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}^4\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^4\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{28}\ \Phi_{24}^4\ \Phi_{21}^2\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
123756	1673	1728	$\frac{55}{1728}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
123757	1673	2904	$\frac{1}{22}$	$\frac{21}{242}$	$\frac{221}{1452}$	$\frac{1231}{2904}$	$\Phi_{2904}\ \Phi_{968}\ \Phi_{264}\ \Phi_{242}\ \Phi_{121}\ \Phi_{88}\ \Phi_{24}\ \Phi_8\ \Phi_1$
123758	1673	2880	$\frac{7}{240}$	$\frac{1}{8}$	$\frac{233}{1440}$	$\frac{1207}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
123759	1673	1428	$\frac{1}{119}$	$\frac{1}{6}$	$\frac{118}{357}$	$\frac{5}{12}$	$\Phi_{1428}^2\ \Phi_{476}^2\ \Phi_{357}\ \Phi_{204}^2\ \Phi_{84}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
123760	1673	2940	$\frac{6}{245}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{60}\ \Phi_{49}\ \Phi_{35}\ \Phi_{20}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
123761	1673	816	$\frac{1}{34}$	$\frac{33}{272}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^3\ \Phi_{136}^3\ \Phi_{102}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{48}^2\ \Phi_{34}^2\ \Phi_{24}^2\ \Phi_{17}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
123762	1673	252	$\frac{13}{252}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{252}^7\ \Phi_{126}^7\ \Phi_{84}^5\ \Phi_{63}^7\ \Phi_{42}^7\ \Phi_{36}^7\ \Phi_{28}^5\ \Phi_{21}^7\ \Phi_{18}^7\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_9^7\ \Phi_7^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
123763	1673	1020	$\frac{1}{17}$	$\frac{16}{255}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1020}^3\ \Phi_{340}^3\ \Phi_{255}\ \Phi_{204}^2\ \Phi_{85}\ \Phi_{68}^2\ \Phi_{60}^3\ \Phi_{51}\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}^3\ \Phi_5\ \Phi_4^3\ \Phi_3\ \Phi_1$
123764	1673	2816	$\frac{1}{88}$	$\frac{265}{1408}$	$\frac{87}{352}$	$\frac{1143}{2816}$	$\Phi_{2816}\ \Phi_{352}\ \Phi_{256}\ \Phi_{176}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
123765	1673	1900	$\frac{1}{38}$	$\frac{227}{1900}$	$\frac{37}{190}$	$\frac{153}{380}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{475}\ \Phi_{190}\ \Phi_{100}\ \Phi_{95}\ \Phi_{50}\ \Phi_{25}\ \Phi_{10}\ \Phi_5\ \Phi_1$
123766	1673	400	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{39}{200}$	$\frac{161}{400}$	$\Phi_{400}^7\ \Phi_{80}^7\ \Phi_{40}^7\ \Phi_{20}^7\ \Phi_{16}^7\ \Phi_{10}^7\ \Phi_8^6\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
123767	1673	2736	$\frac{1}{152}$	$\frac{305}{1368}$	$\frac{151}{456}$	$\frac{1063}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{144}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
123768	1673	2736	$\frac{1}{38}$	$\frac{37}{342}$	$\frac{305}{1368}$	$\frac{1063}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{342}\ \Phi_{304}\ \Phi_{171}\ \Phi_{144}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
123769	1673	384	$\frac{1}{48}$	$\frac{1}{8}$	$\frac{47}{192}$	$\frac{145}{384}$	$\Phi_{384}^7\ \Phi_{128}^7\ \Phi_{48}^7\ \Phi_{24}^7\ \Phi_{16}^7\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
123770	1673	2112	$\frac{1}{88}$	$\frac{439}{2112}$	$\frac{87}{352}$	$\frac{265}{704}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{192}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
123771	1673	2432	$\frac{1}{152}$	$\frac{151}{608}$	$\frac{759}{2432}$	$\frac{457}{1216}$	$\Phi_{2432}\ \Phi_{608}\ \Phi_{304}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
123772	1673	2640	$\frac{1}{88}$	$\frac{87}{440}$	$\frac{353}{1320}$	$\frac{967}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{440}\ \Phi_{240}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{48}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
123773	1673	1716	$\frac{43}{1716}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{286}\ \Phi_{156}\ \Phi_{143}\ \Phi_{132}\ \Phi_{78}\ \Phi_{52}\ \Phi_{44}\ \Phi_{39}\ \Phi_{33}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
123774	1673	1824	$\frac{1}{38}$	$\frac{151}{1824}$	$\frac{37}{114}$	$\frac{77}{228}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{152}\ \Phi_{114}\ \Phi_{96}\ \Phi_{57}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
123775	1673	264	$\frac{1}{44}$	$\frac{25}{264}$	$\frac{43}{132}$	$\frac{89}{264}$	$\Phi_{264}^6\ \Phi_{132}^7\ \Phi_{88}^6\ \Phi_{66}^7\ \Phi_{44}^6\ \Phi_{33}^7\ \Phi_{24}^6\ \Phi_{22}^6\ \Phi_{12}^7\ \Phi_{11}^6\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
123776	1673	360	$\frac{1}{60}$	$\frac{1}{8}$	$\frac{59}{180}$	$\frac{121}{360}$	$\Phi_{360}^3\ \Phi_{180}^4\ \Phi_{120}^7\ \Phi_{90}^4\ \Phi_{72}^3\ \Phi_{60}^7\ \Phi_{45}^4\ \Phi_{40}^7\ \Phi_{36}^4\ \Phi_{30}^7\ \Phi_{24}^7\ \Phi_{20}^7\ \Phi_{18}^4\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}^7\ \Phi_9^4\ \Phi_8^6\ \Phi_6^7\ \Phi_5^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
123777	1673	2508	$\frac{1}{209}$	$\frac{208}{627}$	$\frac{835}{2508}$	$\frac{419}{1254}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{627}\ \Phi_{228}\ \Phi_{132}\ \Phi_{76}\ \Phi_{57}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
123778	1673	1071	$\frac{1}{119}$	$\frac{2}{9}$	$\frac{118}{357}$	$\frac{1}{3}$	$\Phi_{1071}^2\ \Phi_{357}\ \Phi_{153}^2\ \Phi_{63}^2\ \Phi_{51}\ \Phi_{21}\ \Phi_9^3\ \Phi_3\ \Phi_1$
123779	1673	2205	$\frac{6}{245}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2205}\ \Phi_{441}\ \Phi_{315}\ \Phi_{245}\ \Phi_{49}\ \Phi_{45}\ \Phi_{35}\ \Phi_9\ \Phi_5\ \Phi_1$
123780	1673	2448	$\frac{1}{34}$	$\frac{33}{272}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{272}\ \Phi_{144}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{36}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
123781	1673	252	$\frac{13}{252}$	$\frac{1}{14}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{252}^7\ \Phi_{126}^6\ \Phi_{84}^7\ \Phi_{63}^6\ \Phi_{42}^7\ \Phi_{36}^7\ \Phi_{28}^7\ \Phi_{21}^7\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_{12}^7\ \Phi_9^7\ \Phi_7^6\ \Phi_6^7\ \Phi_4^7\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
123782	1673	765	$\frac{1}{17}$	$\frac{16}{255}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{765}^3\ \Phi_{255}\ \Phi_{153}^2\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}^3\ \Phi_{15}\ \Phi_9^3\ \Phi_5\ \Phi_3\ \Phi_1$
123783	1673	2376	$\frac{1}{44}$	$\frac{89}{792}$	$\frac{703}{2376}$	$\frac{43}{132}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{132}\ \Phi_{108}\ \Phi_{66}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
123784	1673	1980	$\frac{1}{44}$	$\frac{307}{1980}$	$\frac{89}{396}$	$\frac{43}{132}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{90}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
123785	1673	2112	$\frac{1}{44}$	$\frac{89}{528}$	$\frac{439}{2112}$	$\frac{43}{132}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{64}\ \Phi_{33}\ \Phi_{32}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
123786	1673	342	$\frac{1}{38}$	$\frac{11}{114}$	$\frac{103}{342}$	$\frac{37}{114}$	$\Phi_{342}^7\ \Phi_{171}^7\ \Phi_{114}\ \Phi_{57}\ \Phi_{18}^7\ \Phi_9^7\ \Phi_6\ \Phi_3\ \Phi_1$
123787	1673	2475	$\frac{23}{825}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{802}{2475}$	$\Phi_{2475}\ \Phi_{495}\ \Phi_{225}\ \Phi_{99}\ \Phi_{45}\ \Phi_{33}\ \Phi_9\ \Phi_3\ \Phi_1$
123788	1673	2160	$\frac{7}{240}$	$\frac{1}{8}$	$\frac{487}{2160}$	$\frac{233}{720}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{60}\ \Phi_{54}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
123789	1673	288	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{49}{288}$	$\frac{23}{72}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}^7\ \Phi_{48}^7\ \Phi_{32}^7\ \Phi_{24}^7\ \Phi_{16}^7\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
123790	1673	2448	$\frac{41}{816}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{775}{2448}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
123791	1673	1080	$\frac{1}{15}$	$\frac{31}{270}$	$\frac{1}{8}$	$\frac{14}{45}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}^2\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
123792	1673	2178	$\frac{1}{22}$	$\frac{21}{242}$	$\frac{505}{2178}$	$\frac{221}{726}$	$\Phi_{2178}\ \Phi_{1089}\ \Phi_{242}\ \Phi_{198}\ \Phi_{121}\ \Phi_{99}\ \Phi_{18}\ \Phi_9\ \Phi_1$
123793	1673	1980	$\frac{23}{330}$	$\frac{1}{11}$	$\frac{307}{1980}$	$\frac{10}{33}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{132}\ \Phi_{99}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
123794	1673	1815	$\frac{142}{1815}$	$\frac{1}{11}$	$\frac{23}{165}$	$\frac{10}{33}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{363}\ \Phi_{121}\ \Phi_{33}\ \Phi_3\ \Phi_1$
123795	1673	2400	$\frac{7}{80}$	$\frac{73}{800}$	$\frac{1}{8}$	$\frac{727}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
123796	1673	342	$\frac{3}{38}$	$\frac{11}{114}$	$\frac{5}{38}$	$\frac{103}{342}$	$\Phi_{342}^7\ \Phi_{171}^7\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{18}^7\ \Phi_9^7\ \Phi_2^2\ \Phi_1^3$
123797	1673	2376	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{792}$	$\frac{703}{2376}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{108}\ \Phi_{99}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1$
123798	1673	2208	$\frac{17}{552}$	$\frac{1}{8}$	$\frac{535}{2208}$	$\frac{7}{24}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{368}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
123799	1673	1728	$\frac{55}{1728}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
123800	1673	266	$\frac{3}{38}$	$\frac{27}{266}$	$\frac{5}{38}$	$\frac{11}{38}$	$\Phi_{266}^{7}\ \Phi_{133}^{7}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{14}^{7}\ \Phi_{7}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
123801	1673	336	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{15}{112}$	$\frac{97}{336}$	$\Phi_{336}^{7}\ \Phi_{168}^{7}\ \Phi_{84}^{7}\ \Phi_{48}^{7}\ \Phi_{42}^{7}\ \Phi_{24}^{7}\ \Phi_{21}^{7}\ \Phi_{16}^{7}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
123802	1673	504	$\frac{13}{252}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{504}^{4}\ \Phi_{252}^{3}\ \Phi_{168}^{4}\ \Phi_{126}^{3}\ \Phi_{84}^{3}\ \Phi_{72}^{2}\ \Phi_{63}^{3}\ \Phi_{56}^{4}\ \Phi_{42}^{3}\ \Phi_{36}\ \Phi_{28}^{3}\ \Phi_{24}^{4}\ \Phi_{21}^{3}\ \Phi_{18}^{2}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
123803	1673	330	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{19}{110}$	$\frac{91}{330}$	$\Phi_{330}^{7}\ \Phi_{165}^{7}\ \Phi_{66}^{7}\ \Phi_{33}^{7}\ \Phi_{30}^{7}\ \Phi_{22}^{6}\ \Phi_{15}^{7}\ \Phi_{11}^{6}\ \Phi_{6}^{7}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
123804	1673	2280	$\frac{1}{38}$	$\frac{37}{190}$	$\frac{153}{760}$	$\frac{607}{2280}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}\ \Phi_{120}\ \Phi_{114}\ \Phi_{95}\ \Phi_{60}\ \Phi_{57}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
123805	1673	2244	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{177}{748}$	$\frac{571}{2244}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{561}\ \Phi_{204}\ \Phi_{187}\ \Phi_{132}\ \Phi_{102}\ \Phi_{66}\ \Phi_{51}\ \Phi_{33}\ \Phi_{17}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
123806	1673	312	$\frac{5}{78}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{73}{312}$	$\Phi_{312}^{5}\ \Phi_{156}^{5}\ \Phi_{104}^{5}\ \Phi_{78}^{6}\ \Phi_{52}^{5}\ \Phi_{39}^{6}\ \Phi_{26}^{6}\ \Phi_{24}^{7}\ \Phi_{13}^{6}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
123807	1673	1920	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{247}{1920}$	$\frac{73}{320}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
123808	1673	1980	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{307}{1980}$	$\frac{89}{396}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
123809	1673	304	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{11}{76}$	$\frac{65}{304}$	$\Phi_{304}^{7}\ \Phi_{152}^{7}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{16}^{7}\ \Phi_{8}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
123810	1673	600	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{14}{75}$	$\frac{61}{300}$	$\Phi_{600}^{3}\ \Phi_{300}^{2}\ \Phi_{200}^{3}\ \Phi_{150}^{2}\ \Phi_{120}^{4}\ \Phi_{100}^{2}\ \Phi_{75}^{3}\ \Phi_{60}^{3}\ \Phi_{50}^{2}\ \Phi_{40}^{4}\ \Phi_{30}^{3}\ \Phi_{25}^{3}\ \Phi_{24}^{4}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
123811	1673	2000	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{327}{2000}$	$\frac{73}{400}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
123812	1674	2780	$\frac{1}{278}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{277}{556}$	$\Phi_{2780}\ \Phi_{556}^{2}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
123813	1674	1668	$\frac{1}{278}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{277}{556}$	$\Phi_{1668}\ \Phi_{834}^{2}\ \Phi_{417}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
123814	1674	478	$\frac{1}{239}$	$\frac{40}{239}$	$\frac{199}{478}$	$\frac{119}{239}$	$\Phi_{478}^{6}\ \Phi_{239}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
123815	1674	1666	$\frac{4}{833}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{829}{1666}$	$\Phi_{1666}^{2}\ \Phi_{238}^{2}\ \Phi_{98}^{2}\ \Phi_{34}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
123816	1674	2960	$\frac{1}{185}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{92}{185}$	$\Phi_{2960}\ \Phi_{592}\ \Phi_{185}\ \Phi_{80}\ \Phi_{37}\ \Phi_{16}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
123817	1674	740	$\frac{1}{185}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{92}{185}$	$\Phi_{740}^{2}\ \Phi_{370}^{2}\ \Phi_{185}^{3}\ \Phi_{148}^{2}\ \Phi_{74}^{2}\ \Phi_{37}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
123818	1674	1673	$\frac{13}{1673}$	$\frac{281}{1673}$	$\frac{464}{1673}$	$\frac{830}{1673}$	$\Phi_{1673}\ \Phi_{239}\ \Phi_{7}\ \Phi_{1}^{2}$
123819	1674	2236	$\frac{5}{559}$	$\frac{94}{559}$	$\frac{1}{4}$	$\frac{277}{559}$	$\Phi_{2236}\ \Phi_{1118}\ \Phi_{172}\ \Phi_{86}\ \Phi_{52}\ \Phi_{26}$
123820	1674	553	$\frac{5}{553}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{274}{553}$	$\Phi_{553}^{3}\ \Phi_{79}^{3}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
123821	1674	1120	$\frac{3}{280}$	$\frac{1}{7}$	$\frac{283}{1120}$	$\frac{277}{560}$	$\Phi_{1120}^{2}\ \Phi_{280}^{2}\ \Phi_{224}^{2}\ \Phi_{160}^{2}\ \Phi_{140}^{2}\ \Phi_{70}^{2}\ \Phi_{56}^{2}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{32}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
123822	1674	3128	$\frac{1}{92}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{91}{184}$	$\Phi_{3128}\ \Phi_{184}^{2}\ \Phi_{136}\ \Phi_{17}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
123823	1674	2760	$\frac{1}{92}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{91}{184}$	$\Phi_{2760}^{2}\ \Phi_{552}\ \Phi_{120}^{2}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{6}$
123824	1674	3128	$\frac{1}{92}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{91}{184}$	$\Phi_{3128}\ \Phi_{184}^{2}\ \Phi_{136}\ \Phi_{17}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
123825	1674	1288	$\frac{1}{92}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{91}{184}$	$\Phi_{1288}^{3}\ \Phi_{56}^{3}\ \Phi_{28}\ \Phi_{14}$
123826	1674	1652	$\frac{11}{826}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{815}{1652}$	$\Phi_{1652}^{2}\ \Phi_{236}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
123827	1674	3850	$\frac{4}{275}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{271}{550}$	$\Phi_{3850}\ \Phi_{770}\ \Phi_{350}\ \Phi_{154}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
123828	1674	3172	$\frac{1}{61}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{30}{61}$	$\Phi_{3172}\ \Phi_{244}\ \Phi_{61}\ \Phi_{52}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
123829	1674	793	$\frac{1}{61}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{30}{61}$	$\Phi_{793}^{2}\ \Phi_{61}^{3}\ \Phi_{13}^{4}\ \Phi_{1}^{6}$
123830	1674	1220	$\frac{1}{61}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{30}{61}$	$\Phi_{1220}^{2}\ \Phi_{610}\ \Phi_{305}\ \Phi_{244}\ \Phi_{61}\ \Phi_{20}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
123831	1674	1645	$\frac{29}{1645}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{808}{1645}$	$\Phi_{1645}\ \Phi_{329}\ \Phi_{235}\ \Phi_{47}\ \Phi_{35}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
123832	1674	112	$\frac{1}{56}$	$\frac{1}{7}$	$\frac{19}{112}$	$\frac{55}{112}$	$\Phi_{112}^{12}\ \Phi_{56}^{18}\ \Phi_{28}^{18}\ \Phi_{16}^{12}\ \Phi_{14}^{18}\ \Phi_{8}^{18}\ \Phi_{7}^{17}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
123833	1674	3180	$\frac{1}{53}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{26}{53}$	$\Phi_{3180}\ \Phi_{1060}\ \Phi_{636}\ \Phi_{212}\ \Phi_{60}^{2}\ \Phi_{53}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
123834	1674	1749	$\frac{1}{53}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{1749}\ \Phi_{583}\ \Phi_{53}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
123835	1674	2385	$\frac{1}{53}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{26}{53}$	$\Phi_{2385}\ \Phi_{477}\ \Phi_{53}\ \Phi_{45}^2\ \Phi_{9}^2\ \Phi_{1}^2$
123836	1674	2120	$\frac{1}{53}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{26}{53}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{424}\ \Phi_{212}\ \Phi_{53}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{1}^2$
123837	1674	1855	$\frac{1}{53}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{26}{53}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{53}\ \Phi_{35}^2\ \Phi_{7}^2\ \Phi_{1}^2$
123838	1674	1908	$\frac{1}{53}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{26}{53}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{636}\ \Phi_{477}\ \Phi_{212}\ \Phi_{53}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{4}^2\ \Phi_{1}^2$
123839	1674	364	$\frac{2}{91}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{89}{182}$	$\Phi_{364}^6\ \Phi_{91}^6\ \Phi_{52}^7\ \Phi_{28}^6\ \Phi_{26}\ \Phi_{13}^6\ \Phi_{7}^6\ \Phi_{4}^6\ \Phi_{1}^6$
123840	1674	182	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{89}{182}$	$\Phi_{182}^{18}\ \Phi_{26}^{18}\ \Phi_{14}^{18}\ \Phi_{7}^5\ \Phi_{2}^{18}\ \Phi_{1}^6$
123841	1674	1673	$\frac{37}{1673}$	$\frac{95}{1673}$	$\frac{526}{1673}$	$\frac{818}{1673}$	$\Phi_{1673}\ \Phi_{239}\ \Phi_{7}\ \Phi_{1}^2$
123842	1674	1204	$\frac{1}{43}$	$\frac{22}{301}$	$\frac{1}{4}$	$\frac{21}{43}$	$\Phi_{1204}^2\ \Phi_{602}^2\ \Phi_{172}\ \Phi_{86}\ \Phi_{28}^2\ \Phi_{14}^2$
123843	1674	2240	$\frac{1}{40}$	$\frac{41}{320}$	$\frac{1}{7}$	$\frac{39}{80}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
123844	1674	3808	$\frac{7}{272}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{265}{544}$	$\Phi_{3808}\ \Phi_{224}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
123845	1674	1870	$\frac{5}{187}$	$\frac{1}{10}$	$\frac{32}{187}$	$\frac{91}{187}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{374}\ \Phi_{170}\ \Phi_{110}\ \Phi_{85}\ \Phi_{55}\ \Phi_{34}\ \Phi_{22}$
123846	1674	239	$\frac{7}{239}$	$\frac{22}{239}$	$\frac{41}{239}$	$\frac{116}{239}$	$\Phi_{239}^7\ \Phi_{1}^8$
123847	1674	2236	$\frac{17}{559}$	$\frac{32}{559}$	$\frac{1}{4}$	$\frac{271}{559}$	$\Phi_{2236}\ \Phi_{1118}\ \Phi_{172}\ \Phi_{86}\ \Phi_{52}\ \Phi_{26}$
123848	1674	1624	$\frac{25}{812}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{787}{1624}$	$\Phi_{1624}^2\ \Phi_{232}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
123849	1674	420	$\frac{1}{30}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^5\ \Phi_{70}^4\ \Phi_{60}^2\ \Phi_{42}^5\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^5\ \Phi_{20}^2\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_{7}^4\ \Phi_{6}^5\ \Phi_{5}^4\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
123850	1674	3180	$\frac{1}{30}$	$\frac{2}{53}$	$\frac{17}{53}$	$\frac{29}{60}$	$\Phi_{3180}\ \Phi_{1060}\ \Phi_{636}\ \Phi_{212}\ \Phi_{60}^2\ \Phi_{53}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
123851	1674	1140	$\frac{1}{30}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{1140}\ \Phi_{570}^2\ \Phi_{380}\ \Phi_{285}^2\ \Phi_{228}\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{19}^2$
123852	1674	3180	$\frac{1}{30}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{29}{60}$	$\Phi_{3180}\ \Phi_{1060}\ \Phi_{636}\ \Phi_{212}\ \Phi_{60}^2\ \Phi_{53}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
123853	1674	420	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{29}{60}$	$\Phi_{420}^9\ \Phi_{140}^9\ \Phi_{84}^9\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^9\ \Phi_{14}$
123854	1674	1248	$\frac{1}{32}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{1248}^2\ \Phi_{624}^2\ \Phi_{312}^2\ \Phi_{156}\ \Phi_{96}^3\ \Phi_{78}^2\ \Phi_{48}^3\ \Phi_{39}^2\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_{6}^3\ \Phi_{3}^2$
123855	1674	1610	$\frac{32}{805}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{773}{1610}$	$\Phi_{1610}^2\ \Phi_{322}^2\ \Phi_{230}^2\ \Phi_{70}^2\ \Phi_{46}^2\ \Phi_{35}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{2}^2\ \Phi_{1}^2$
123856	1674	84	$\frac{1}{28}$	$\frac{1}{21}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{84}^{21}\ \Phi_{42}^{19}\ \Phi_{28}^{20}\ \Phi_{21}^{20}\ \Phi_{14}^{18}\ \Phi_{12}^{21}\ \Phi_{7}^{19}\ \Phi_{6}^{19}\ \Phi_{4}^{20}\ \Phi_{3}^{20}\ \Phi_{2}^{18}\ \Phi_{1}^{20}$
123857	1674	532	$\frac{13}{266}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{253}{532}$	$\Phi_{532}^6\ \Phi_{76}^6\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_{7}^5\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^6$
123858	1674	896	$\frac{3}{56}$	$\frac{59}{896}$	$\frac{1}{7}$	$\frac{53}{112}$	$\Phi_{896}^2\ \Phi_{448}^2\ \Phi_{224}^2\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{56}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
123859	1674	880	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{83}{176}$	$\Phi_{880}^4\ \Phi_{176}^2\ \Phi_{110}\ \Phi_{80}^4\ \Phi_{55}\ \Phi_{22}\ \Phi_{16}^2$
123860	1674	782	$\frac{1}{46}$	$\frac{1}{17}$	$\frac{15}{46}$	$\frac{8}{17}$	$\Phi_{782}^2\ \Phi_{391}^2\ \Phi_{46}^4\ \Phi_{34}^2\ \Phi_{23}^4\ \Phi_{17}^3\ \Phi_{2}^4\ \Phi_{1}^6$
123861	1674	544	$\frac{1}{32}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{544}^3\ \Phi_{272}^3\ \Phi_{136}^3\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{32}^6\ \Phi_{17}^3\ \Phi_{16}^6\ \Phi_{8}^6\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
123862	1674	1955	$\frac{1}{23}$	$\frac{1}{17}$	$\frac{22}{115}$	$\frac{8}{17}$	$\Phi_{1955}\ \Phi_{115}^2\ \Phi_{85}\ \Phi_{17}\ \Phi_{5}^2\ \Phi_{1}^2$
123863	1674	170	$\frac{1}{17}$	$\frac{3}{34}$	$\frac{1}{10}$	$\frac{8}{17}$	$\Phi_{170}^{11}\ \Phi_{85}^{11}\ \Phi_{34}^5\ \Phi_{17}^6\ \Phi_{10}^{10}\ \Phi_{5}^{10}\ \Phi_{2}^4\ \Phi_{1}^6$
123864	1674	175	$\frac{2}{35}$	$\frac{11}{175}$	$\frac{1}{7}$	$\frac{82}{175}$	$\Phi_{175}^9\ \Phi_{35}^{12}\ \Phi_{25}^9\ \Phi_{7}^{11}\ \Phi_{5}^{12}\ \Phi_{1}^{12}$
123865	1674	1568	$\frac{3}{56}$	$\frac{53}{784}$	$\frac{1}{7}$	$\frac{731}{1568}$	$\Phi_{1568}^2\ \Phi_{224}^2\ \Phi_{56}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
123866	1674	3640	$\frac{1}{20}$	$\frac{19}{260}$	$\frac{1}{7}$	$\frac{241}{520}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
123867	1674	1673	$\frac{29}{1673}$	$\frac{125}{1673}$	$\frac{548}{1673}$	$\frac{774}{1673}$	$\Phi_{1673}\ \Phi_{239}\ \Phi_{7}\ \Phi_{1}^2$
123868	1674	572	$\frac{7}{286}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{572}^4\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{52}^3\ \Phi_{44}^4\ \Phi_{26}\ \Phi_{22}^2\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_{4}^2\ \Phi_{1}^2$
123869	1674	800	$\frac{1}{32}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{800}^2\ \Phi_{400}^2\ \Phi_{200}^2\ \Phi_{160}^3\ \Phi_{100}^2\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
123870	1674	172	$\frac{1}{43}$	$\frac{7}{86}$	$\frac{1}{4}$	$\frac{79}{172}$	$\Phi_{172}^7\ \Phi_{86}^{13}\ \Phi_{43}^{12}\ \Phi_{4}^6\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
123871	1674	1540	$\frac{3}{70}$	$\frac{67}{770}$	$\frac{1}{7}$	$\frac{703}{1540}$	$\Phi_{1540}^2\ \Phi_{308}^2\ \Phi_{220}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{44}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
123872	1674	352	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{352}^5\ \Phi_{176}^5\ \Phi_{88}^5\ \Phi_{44}^5\ \Phi_{32}^4\ \Phi_{22}^5\ \Phi_{16}^4\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{2}^4$
123873	1674	330	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{11}$	$\Phi_{330}^6\ \Phi_{165}^6\ \Phi_{110}^5\ \Phi_{66}^6\ \Phi_{55}^5\ \Phi_{30}^6\ \Phi_{22}^5\ \Phi_{15}^6\ \Phi_{10}^4\ \Phi_{6}^6\ \Phi_{5}^4\ \Phi_{2}^4$
123874	1674	170	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{1}{10}$	$\frac{77}{170}$	$\Phi_{170}^9\ \Phi_{85}^{11}\ \Phi_{34}^9\ \Phi_{17}^{10}\ \Phi_{10}^8\ \Phi_{5}^{10}\ \Phi_{2}^8\ \Phi_{1}^{10}$
123875	1674	3080	$\frac{1}{55}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
123876	1674	56	$\frac{1}{28}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{56}^{54}\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_{8}^{54}\ \Phi_{7}^5\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^6$
123877	1674	1673	$\frac{44}{1673}$	$\frac{181}{1673}$	$\frac{309}{1673}$	$\frac{746}{1673}$	$\Phi_{1673}\ \Phi_{239}\ \Phi_{7}\ \Phi_{1}^2$
123878	1674	2236	$\frac{10}{559}$	$\frac{61}{559}$	$\frac{1}{4}$	$\frac{249}{559}$	$\Phi_{2236}\ \Phi_{1118}\ \Phi_{172}\ \Phi_{86}\ \Phi_{52}\ \Phi_{26}$
123879	1674	252	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{252}^7\ \Phi_{126}^7\ \Phi_{84}^7\ \Phi_{63}^7\ \Phi_{42}^7\ \Phi_{36}^5\ \Phi_{28}^6\ \Phi_{21}^7\ \Phi_{18}^5\ \Phi_{14}^6\ \Phi_{12}^5\ \Phi_{9}^6\ \Phi_{7}^6\ \Phi_{6}^5\ \Phi_{4}^4\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
123880	1674	2256	$\frac{1}{94}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2256}^2\ \Phi_{282}\ \Phi_{141}\ \Phi_{48}\ \Phi_{6}$
123881	1674	2960	$\frac{2}{185}$	$\frac{1}{8}$	$\frac{61}{185}$	$\frac{7}{16}$	$\Phi_{2960}\ \Phi_{592}\ \Phi_{185}\ \Phi_{80}\ \Phi_{37}\ \Phi_{16}^2\ \Phi_{5}\ \Phi_{1}^2$
123882	1674	1008	$\frac{1}{63}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{1008}^3\ \Phi_{336}^3\ \Phi_{252}\ \Phi_{144}^3\ \Phi_{126}\ \Phi_{112}^3\ \Phi_{84}\ \Phi_{48}^3\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
123883	1674	1520	$\frac{2}{95}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{1520}^2\ \Phi_{304}^2\ \Phi_{95}^2\ \Phi_{80}\ \Phi_{19}^2\ \Phi_{16}^2\ \Phi_{5}\ \Phi_{1}^2$
123884	1674	592	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{6}{37}$	$\frac{7}{16}$	$\Phi_{592}^5\ \Phi_{37}^5\ \Phi_{16}^6\ \Phi_{1}^6$
123885	1674	224	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{224}^9\ \Phi_{112}^8\ \Phi_{56}^9\ \Phi_{28}^9\ \Phi_{14}^9\ \Phi_{7}^8$
123886	1674	490	$\frac{1}{35}$	$\frac{34}{245}$	$\frac{1}{7}$	$\frac{211}{490}$	$\Phi_{490}^6\ \Phi_{98}^6\ \Phi_{70}^6\ \Phi_{35}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_{7}^5\ \Phi_{5}^6\ \Phi_{2}^6\ \Phi_{1}^6$
123887	1674	952	$\frac{4}{119}$	$\frac{115}{952}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{952}^2\ \Phi_{476}^2\ \Phi_{238}^2\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{56}^2\ \Phi_{34}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
123888	1674	140	$\frac{1}{28}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{140}^{14}\ \Phi_{70}^{14}\ \Phi_{35}^{12}\ \Phi_{28}^6\ \Phi_{20}^{14}\ \Phi_{14}^6\ \Phi_{10}^{14}\ \Phi_{7}^5\ \Phi_{5}^{12}\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^6$
123889	1674	98	$\frac{5}{98}$	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{98}^{18}\ \Phi_{49}^{16}\ \Phi_{14}^{18}\ \Phi_{7}^{17}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
123890	1674	756	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^3\ \Phi_{189}^2\ \Phi_{126}^3\ \Phi_{108}^2\ \Phi_{84}^3\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{21}^3\ \Phi_{18}\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{6}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
123891	1674	1120	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{13}{80}$	$\frac{67}{160}$	$\Phi_{1120}^3\ \Phi_{280}\ \Phi_{224}^3\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
123892	1674	1400	$\frac{3}{140}$	$\frac{1}{7}$	$\frac{137}{700}$	$\frac{563}{1400}$	$\Phi_{1400}^2\ \Phi_{280}^2\ \Phi_{200}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
123893	1674	695	$\frac{1}{139}$	$\frac{1}{5}$	$\frac{46}{139}$	$\frac{2}{5}$	$\Phi_{695}^2\ \Phi_{139}^4\ \Phi_{5}^3\ \Phi_{1}^6$
123894	1674	940	$\frac{1}{94}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{940}^2\ \Phi_{470}\ \Phi_{235}\ \Phi_{188}^4\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
123895	1674	695	$\frac{4}{139}$	$\frac{15}{139}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{695}^2\ \Phi_{139}^4\ \Phi_{5}^3\ \Phi_{1}^6$
123896	1674	160	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{160}^{11}\ \Phi_{80}^{11}\ \Phi_{40}^{11}\ \Phi_{32}^{10}\ \Phi_{20}^{11}\ \Phi_{16}^{10}\ \Phi_{10}^5\ \Phi_{8}^{10}\ \Phi_{5}^6\ \Phi_{4}^{10}\ \Phi_{2}^4\ \Phi_{1}^6$
123897	1674	1673	$\frac{11}{1673}$	$\frac{373}{1673}$	$\frac{554}{1673}$	$\frac{650}{1673}$	$\Phi_{1673}\ \Phi_{239}\ \Phi_{7}\ \Phi_{1}^2$
123898	1674	352	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{352}^5\ \Phi_{176}^5\ \Phi_{88}^5\ \Phi_{44}^3\ \Phi_{32}^4\ \Phi_{22}^5\ \Phi_{16}^4\ \Phi_{11}^4\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
123899	1674	448	$\frac{1}{56}$	$\frac{1}{7}$	$\frac{55}{224}$	$\frac{169}{448}$	$\Phi_{448}^6\ \Phi_{64}^6\ \Phi_{56}^6\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_{8}^6\ \Phi_{7}^5\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^6$
123900	1674	2016	$\frac{1}{63}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
123901	1674	1786	$\frac{1}{94}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1786}\ \Phi_{893}\ \Phi_{38}$
123902	1674	126	$\frac{1}{63}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{126}^{21}\ \Phi_{63}^6\ \Phi_{42}^{21}\ \Phi_{21}^6\ \Phi_{18}^{21}\ \Phi_{14}^{18}\ \Phi_{9}^6\ \Phi_{7}^5\ \Phi_{6}^{21}\ \Phi_{3}^6\ \Phi_{2}^{18}\ \Phi_{1}^6$
123903	1674	2640	$\frac{1}{55}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{440}\ \Phi_{240}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
123904	1674	239	$\frac{5}{239}$	$\frac{26}{239}$	$\frac{71}{239}$	$\frac{84}{239}$	$\Phi_{239}^7\ \Phi_{1}^8$
123905	1674	1760	$\frac{1}{32}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
123906	1674	1673	$\frac{50}{1673}$	$\frac{123}{1673}$	$\frac{541}{1673}$	$\frac{566}{1673}$	$\Phi_{1673}\ \Phi_{239}\ \Phi_{7}\ \Phi_{1}^2$
123907	1674	1870	$\frac{4}{187}$	$\frac{1}{10}$	$\frac{61}{187}$	$\frac{63}{187}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{374}\ \Phi_{170}\ \Phi_{110}\ \Phi_{85}\ \Phi_{55}\ \Phi_{34}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
123908	1674	140	$\frac{1}{70}$	$\frac{1}{7}$	$\frac{23}{70}$	$\frac{47}{140}$	$\Phi_{140}^{18}\ \Phi_{70}^{6}\ \Phi_{35}^{6}\ \Phi_{28}^{18}\ \Phi_{20}^{18}\ \Phi_{14}^{6}\ \Phi_{10}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{4}^{18}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
123909	1674	239	$\frac{2}{239}$	$\frac{53}{239}$	$\frac{79}{239}$	$\frac{80}{239}$	$\Phi_{239}^{7}\ \Phi_{1}^{8}$
123910	1674	2236	$\frac{4}{559}$	$\frac{1}{4}$	$\frac{185}{559}$	$\frac{187}{559}$	$\Phi_{2236}\ \Phi_{1118}\ \Phi_{172}\ \Phi_{86}\ \Phi_{52}\ \Phi_{26}$
123911	1674	924	$\frac{1}{28}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{231}^{2}\ \Phi_{154}^{2}\ \Phi_{132}^{2}\ \Phi_{84}\ \Phi_{77}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{42}\ \Phi_{22}^{2}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
123912	1674	1668	$\frac{1}{139}$	$\frac{1}{4}$	$\frac{46}{139}$	$\frac{1}{3}$	$\Phi_{1668}^{2}\ \Phi_{834}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
123913	1674	2514	$\frac{7}{838}$	$\frac{187}{838}$	$\frac{277}{838}$	$\frac{1}{3}$	$\Phi_{2514}\ \Phi_{1257}\ \Phi_{6}$
123914	1674	690	$\frac{1}{46}$	$\frac{1}{10}$	$\frac{15}{46}$	$\frac{1}{3}$	$\Phi_{690}^{4}\ \Phi_{345}^{4}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{30}^{5}\ \Phi_{15}^{5}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
123915	1674	2514	$\frac{25}{838}$	$\frac{63}{838}$	$\frac{271}{838}$	$\frac{1}{3}$	$\Phi_{2514}\ \Phi_{1257}\ \Phi_{6}$
123916	1674	1749	$\frac{2}{53}$	$\frac{2}{33}$	$\frac{17}{53}$	$\frac{1}{3}$	$\Phi_{1749}\ \Phi_{583}\ \Phi_{53}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
123917	1674	1260	$\frac{1}{28}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{252}^{2}\ \Phi_{180}^{2}\ \Phi_{126}^{2}\ \Phi_{90}^{2}\ \Phi_{84}\ \Phi_{63}^{2}\ \Phi_{42}\ \Phi_{36}^{2}\ \Phi_{21}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{6}$
123918	1674	1248	$\frac{1}{32}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{1248}^{2}\ \Phi_{624}^{2}\ \Phi_{312}^{2}\ \Phi_{156}^{2}\ \Phi_{96}^{3}\ \Phi_{78}^{2}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
123919	1674	2514	$\frac{19}{838}$	$\frac{91}{838}$	$\frac{249}{838}$	$\frac{1}{3}$	$\Phi_{2514}\ \Phi_{1257}\ \Phi_{6}$
123920	1674	564	$\frac{1}{94}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{564}^{4}\ \Phi_{282}^{5}\ \Phi_{141}^{5}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
123921	1674	1668	$\frac{4}{139}$	$\frac{15}{139}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1668}^{2}\ \Phi_{834}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
123922	1674	480	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{480}^{6}\ \Phi_{240}^{6}\ \Phi_{120}^{6}\ \Phi_{96}^{3}\ \Phi_{60}^{4}\ \Phi_{48}^{3}\ \Phi_{30}^{5}\ \Phi_{24}^{3}\ \Phi_{15}^{5}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
123923	1674	2508	$\frac{1}{19}$	$\frac{2}{33}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{836}\ \Phi_{418}\ \Phi_{76}\ \Phi_{38}$
123924	1674	840	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{840}^{4}\ \Phi_{420}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{4}\ \Phi_{120}^{3}\ \Phi_{105}^{2}\ \Phi_{84}^{3}\ \Phi_{60}\ \Phi_{42}^{3}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
123925	1674	420	$\frac{1}{28}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{105}^{5}\ \Phi_{84}^{7}\ \Phi_{60}^{6}\ \Phi_{42}^{7}\ \Phi_{30}^{6}\ \Phi_{21}^{6}\ \Phi_{15}^{6}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
123926	1674	690	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{22}{115}$	$\frac{1}{3}$	$\Phi_{690}^{4}\ \Phi_{345}^{3}\ \Phi_{138}^{4}\ \Phi_{69}^{4}\ \Phi_{30}^{5}\ \Phi_{15}^{4}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
123927	1674	2100	$\frac{1}{28}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{100}\ \Phi_{84}\ \Phi_{50}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
123928	1674	252	$\frac{1}{28}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{252}^{8}\ \Phi_{126}^{8}\ \Phi_{84}^{5}\ \Phi_{63}^{8}\ \Phi_{42}^{5}\ \Phi_{36}^{6}\ \Phi_{28}^{4}\ \Phi_{21}^{5}\ \Phi_{18}^{6}\ \Phi_{14}^{4}\ \Phi_{12}^{3}\ \Phi_{9}^{6}\ \Phi_{7}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
123929	1674	1749	$\frac{2}{33}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{3}$	$\Phi_{1749}\ \Phi_{583}\ \Phi_{53}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
123930	1674	2310	$\frac{2}{33}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{385}\ \Phi_{154}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
123931	1674	740	$\frac{2}{185}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{61}{185}$	$\Phi_{740}^{2}\ \Phi_{370}^{2}\ \Phi_{185}^{3}\ \Phi_{148}^{2}\ \Phi_{74}^{2}\ \Phi_{37}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
123932	1674	1673	$\frac{20}{1673}$	$\frac{374}{1673}$	$\frac{433}{1673}$	$\frac{551}{1673}$	$\Phi_{1673}\ \Phi_{239}\ \Phi_{7}\ \Phi_{1}^{2}$
123933	1674	2236	$\frac{7}{559}$	$\frac{125}{559}$	$\frac{1}{4}$	$\frac{184}{559}$	$\Phi_{2236}\ \Phi_{1118}\ \Phi_{172}\ \Phi_{86}\ \Phi_{52}\ \Phi_{26}$
123934	1674	782	$\frac{1}{46}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{15}{46}$	$\Phi_{782}^{2}\ \Phi_{391}^{2}\ \Phi_{46}^{4}\ \Phi_{34}^{2}\ \Phi_{23}^{4}\ \Phi_{17}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
123935	1674	644	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{15}{46}$	$\Phi_{644}^{4}\ \Phi_{322}^{2}\ \Phi_{161}^{2}\ \Phi_{28}^{5}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
123936	1674	1673	$\frac{38}{1673}$	$\frac{188}{1673}$	$\frac{495}{1673}$	$\frac{545}{1673}$	$\Phi_{1673}\ \Phi_{239}\ \Phi_{7}\ \Phi_{1}^{2}$
123937	1674	860	$\frac{1}{43}$	$\frac{29}{215}$	$\frac{1}{4}$	$\frac{14}{43}$	$\Phi_{860}^{3}\ \Phi_{430}^{3}\ \Phi_{172}\ \Phi_{86}\ \Phi_{20}^{3}\ \Phi_{10}^{3}$
123938	1674	280	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{9}{40}$	$\frac{13}{40}$	$\Phi_{280}^{7}\ \Phi_{140}^{7}\ \Phi_{70}^{7}\ \Phi_{56}^{7}\ \Phi_{35}^{7}\ \Phi_{28}^{7}\ \Phi_{14}^{7}\ \Phi_{7}^{6}$
123939	1674	1673	$\frac{47}{1673}$	$\frac{216}{1673}$	$\frac{377}{1673}$	$\frac{542}{1673}$	$\Phi_{1673}\ \Phi_{239}\ \Phi_{7}\ \Phi_{1}^{2}$
123940	1674	2236	$\frac{16}{559}$	$\frac{63}{559}$	$\frac{1}{4}$	$\frac{181}{559}$	$\Phi_{2236}\ \Phi_{1118}\ \Phi_{172}\ \Phi_{86}\ \Phi_{52}\ \Phi_{26}$
123941	1674	112	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{19}{112}$	$\frac{9}{28}$	$\Phi_{112}^{18}\ \Phi_{56}^{18}\ \Phi_{28}^{6}\ \Phi_{16}^{18}\ \Phi_{14}^{6}\ \Phi_{8}^{18}\ \Phi_{7}^{5}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
123942	1674	2385	$\frac{2}{53}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{17}{53}$	$\Phi_{2385}\ \Phi_{477}\ \Phi_{53}\ \Phi_{45}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
123943	1674	2120	$\frac{2}{53}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{17}{53}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{424}\ \Phi_{212}\ \Phi_{53}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
123944	1674	1855	$\frac{2}{53}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{17}{53}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{53}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
123945	1674	1908	$\frac{2}{53}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{17}{53}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{636}\ \Phi_{477}\ \Phi_{212}\ \Phi_{53}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_4^2\ \Phi_1^2$
123946	1674	364	$\frac{4}{91}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{29}{91}$	$\Phi_{364}^6\ \Phi_{182}^6\ \Phi_{52}^7\ \Phi_{28}^6\ \Phi_{26}^7\ \Phi_{14}^6\ \Phi_4^6\ \Phi_2^6$
123947	1674	952	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{43}{136}$	$\Phi_{952}^2\ \Phi_{476}^2\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^2$
123948	1674	35	$\frac{2}{35}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{11}{35}$	$\Phi_{35}^{48}\ \Phi_7^{47}\ \Phi_5^{48}\ \Phi_1^{48}$
123949	1674	3420	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{3420}\ \Phi_{1710}\ \Phi_{684}\ \Phi_{342}\ \Phi_{76}\ \Phi_{38}$
123950	1674	2385	$\frac{1}{15}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{14}{45}$	$\Phi_{2385}\ \Phi_{477}\ \Phi_{53}\ \Phi_{45}^2\ \Phi_9^2\ \Phi_1^2$
123951	1674	630	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{14}{45}$	$\Phi_{630}^5\ \Phi_{315}^4\ \Phi_{126}^5\ \Phi_{70}\ \Phi_{63}^4\ \Phi_{35}\ \Phi_{14}$
123952	1674	260	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{260}^9\ \Phi_{130}^9\ \Phi_{52}^7\ \Phi_{26}^7\ \Phi_{20}^9\ \Phi_{10}^9\ \Phi_4^6\ \Phi_2^6$
123953	1674	700	$\frac{7}{100}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{10}$	$\Phi_{700}^3\ \Phi_{350}^3\ \Phi_{175}^3\ \Phi_{140}^3\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^3\ \Phi_{14}$
123954	1674	2268	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{252}\ \Phi_{162}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
123955	1674	220	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{44}$	$\frac{13}{44}$	$\Phi_{220}^8\ \Phi_{110}^9\ \Phi_{55}^9\ \Phi_{44}^4\ \Phi_{22}^5\ \Phi_{20}^8\ \Phi_{11}^4\ \Phi_{10}^8\ \Phi_5^8\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
123956	1674	544	$\frac{1}{32}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{544}^3\ \Phi_{272}^3\ \Phi_{136}^3\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{32}^6\ \Phi_{17}^3\ \Phi_{16}^6\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
123957	1674	1955	$\frac{1}{23}$	$\frac{2}{17}$	$\frac{22}{115}$	$\frac{5}{17}$	$\Phi_{1955}\ \Phi_{115}^2\ \Phi_{85}\ \Phi_{17}\ \Phi_5^2\ \Phi_1^2$
123958	1674	170	$\frac{3}{34}$	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{170}^{11}\ \Phi_{85}^{11}\ \Phi_{34}^5\ \Phi_{17}^6\ \Phi_{10}^{10}\ \Phi_5^{10}\ \Phi_2^4\ \Phi_1^6$
123959	1674	1760	$\frac{1}{32}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
123960	1674	392	$\frac{3}{56}$	$\frac{53}{392}$	$\frac{1}{7}$	$\frac{113}{392}$	$\Phi_{392}^4\ \Phi_{196}^4\ \Phi_{98}^4\ \Phi_{56}^6\ \Phi_{49}^4\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
123961	1674	98	$\frac{5}{98}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{98}^{18}\ \Phi_{49}^{18}\ \Phi_{14}^{18}\ \Phi_7^5\ \Phi_2^{18}\ \Phi_1^6$
123962	1674	800	$\frac{1}{32}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{800}^2\ \Phi_{400}^2\ \Phi_{200}^2\ \Phi_{160}^3\ \Phi_{100}^2\ \Phi_{80}^3\ \Phi_{50}^2\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
123963	1674	1673	$\frac{41}{1673}$	$\frac{272}{1673}$	$\frac{402}{1673}$	$\frac{467}{1673}$	$\Phi_{1673}\ \Phi_{239}\ \Phi_7\ \Phi_1^2$
123964	1674	172	$\frac{1}{43}$	$\frac{7}{43}$	$\frac{1}{4}$	$\frac{12}{43}$	$\Phi_{172}^{13}\ \Phi_{86}^{13}\ \Phi_4^{12}\ \Phi_2^{12}$
123965	1674	170	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{16}{85}$	$\frac{23}{85}$	$\Phi_{170}^{11}\ \Phi_{85}^9\ \Phi_{34}^{11}\ \Phi_{17}^8\ \Phi_{10}^{10}\ \Phi_5^8\ \Phi_2^{10}\ \Phi_1^8$
123966	1674	84	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{84}^{28}\ \Phi_{42}^{26}\ \Phi_{28}^6\ \Phi_{21}^{26}\ \Phi_{14}^6\ \Phi_{12}^{28}\ \Phi_7^5\ \Phi_6^{26}\ \Phi_4^6\ \Phi_3^{26}\ \Phi_2^6\ \Phi_1^6$
123967	1674	252	$\frac{1}{63}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{252}^7\ \Phi_{126}^7\ \Phi_{84}^7\ \Phi_{63}^6\ \Phi_{42}^7\ \Phi_{36}^7\ \Phi_{28}^7\ \Phi_{21}^6\ \Phi_{18}^7\ \Phi_{14}^7\ \Phi_{12}^7\ \Phi_9^6\ \Phi_7^6\ \Phi_6^7\ \Phi_3^6$
123968	1674	380	$\frac{2}{95}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{380}^4\ \Phi_{190}^4\ \Phi_{95}^6\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{20}^2\ \Phi_{19}^6\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
123969	1674	148	$\frac{1}{37}$	$\frac{6}{37}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{148}^{10}\ \Phi_{74}^{10}\ \Phi_{37}^{15}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{18}$
123970	1674	224	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{224}^9\ \Phi_{112}^9\ \Phi_{56}^9\ \Phi_{28}^7\ \Phi_{14}^7\ \Phi_7^6$
123971	1674	344	$\frac{1}{43}$	$\frac{65}{344}$	$\frac{21}{86}$	$\frac{1}{4}$	$\Phi_{344}^6\ \Phi_{172}^3\ \Phi_{86}^5\ \Phi_{43}^4\ \Phi_8^6\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
123972	1674	2576	$\frac{3}{92}$	$\frac{1}{7}$	$\frac{89}{368}$	$\frac{1}{4}$	$\Phi_{2576}\ \Phi_{1288}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
123973	1674	364	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{85}{364}$	$\frac{1}{4}$	$\Phi_{364}^4\ \Phi_{182}^4\ \Phi_{91}^6\ \Phi_{52}^5\ \Phi_{28}^4\ \Phi_{26}^5\ \Phi_{14}^4\ \Phi_{13}^6\ \Phi_7^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
123974	1674	760	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{760}^3\ \Phi_{380}\ \Phi_{190}^2\ \Phi_{152}^3\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{38}^3\ \Phi_{19}^2$
123975	1674	2660	$\frac{1}{19}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{532}\ \Phi_{266}\ \Phi_{76}\ \Phi_{38}$
123976	1674	3220	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{22}{115}$	$\frac{1}{4}$	$\Phi_{3220}\ \Phi_{1610}\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}\ \Phi_{14}$
123977	1674	684	$\frac{1}{19}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{684}^3\ \Phi_{342}^3\ \Phi_{228}\ \Phi_{171}^3\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{19}^2$
123978	1674	104	$\frac{1}{13}$	$\frac{11}{104}$	$\frac{2}{13}$	$\frac{1}{4}$	$\Phi_{104}^{18}\ \Phi_{52}^{13}\ \Phi_{26}^{13}\ \Phi_{13}^{18}\ \Phi_8^{18}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{18}$
123979	1674	2548	$\frac{1}{13}$	$\frac{79}{637}$	$\frac{12}{91}$	$\frac{1}{4}$	$\Phi_{2548}\ \Phi_{1274}\ \Phi_{196}\ \Phi_{98}\ \Phi_{52}\ \Phi_{26}$
123980	1674	364	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{85}{364}$	$\Phi_{364}^6\ \Phi_{182}^6\ \Phi_{52}^6\ \Phi_{28}^6\ \Phi_{26}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
123981	1674	110	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{17}{110}$	$\frac{5}{22}$	$\Phi_{110}^{15}\ \Phi_{55}^{15}\ \Phi_{22}^{17}\ \Phi_{11}^{16}\ \Phi_{10}^{14}\ \Phi_5^{14}\ \Phi_2^{16}\ \Phi_1^{16}$
123982	1674	2120	$\frac{5}{53}$	$\frac{1}{10}$	$\frac{8}{53}$	$\frac{9}{40}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{424}\ \Phi_{212}\ \Phi_{53}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
123983	1674	280	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{40}$	$\Phi_{280}^{9}\ \Phi_{140}^{9}\ \Phi_{70}\ \Phi_{56}^{9}\ \Phi_{35}\ \Phi_{28}^{9}\ \Phi_{14}$
123984	1674	350	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{33}{175}$	$\frac{71}{350}$	$\Phi_{350}^{6}\ \Phi_{175}^{3}\ \Phi_{70}^{6}\ \Phi_{50}^{6}\ \Phi_{35}^{6}\ \Phi_{25}^{3}\ \Phi_{14}^{6}\ \Phi_{10}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
123985	1674	700	$\frac{7}{100}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{700}^{3}\ \Phi_{350}^{3}\ \Phi_{175}^{2}\ \Phi_{140}^{3}\ \Phi_{70}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
123986	1674	770	$\frac{4}{55}$	$\frac{1}{7}$	$\frac{17}{110}$	$\frac{1}{5}$	$\Phi_{770}^{3}\ \Phi_{385}^{2}\ \Phi_{154}^{3}\ \Phi_{77}^{2}\ \Phi_{70}^{3}\ \Phi_{35}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
123987	1674	1855	$\frac{5}{53}$	$\frac{4}{35}$	$\frac{8}{53}$	$\frac{1}{5}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{53}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
123988	1674	70	$\frac{1}{10}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{70}^{26}\ \Phi_{35}^{21}\ \Phi_{14}^{26}\ \Phi_{10}^{30}\ \Phi_{7}^{20}\ \Phi_{5}^{24}\ \Phi_{2}^{30}\ \Phi_{1}^{24}$
123989	1674	1908	$\frac{5}{53}$	$\frac{5}{36}$	$\frac{8}{53}$	$\frac{1}{6}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{636}\ \Phi_{477}\ \Phi_{212}\ \Phi_{53}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
123990	1674	1260	$\frac{1}{10}$	$\frac{5}{36}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{420}^{2}\ \Phi_{315}^{2}\ \Phi_{252}\ \Phi_{140}^{2}\ \Phi_{126}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
123991	1675	1336	$\frac{1}{334}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{333}{668}$	$\Phi_{1336}^{2}\ \Phi_{668}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
123992	1675	3336	$\frac{7}{1668}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1661}{3336}$	$\Phi_{3336}\ \Phi_{1112}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
123993	1675	2976	$\frac{1}{186}$	$\frac{187}{1488}$	$\frac{1301}{2976}$	$\frac{185}{372}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{372}\ \Phi_{124}\ \Phi_{96}\ \Phi_{32}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
123994	1675	2232	$\frac{1}{186}$	$\frac{557}{2232}$	$\frac{187}{744}$	$\frac{185}{372}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{558}\ \Phi_{372}\ \Phi_{279}\ \Phi_{124}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
123995	1675	666	$\frac{2}{333}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{331}{666}$	$\Phi_{666}^{2}\ \Phi_{333}^{3}\ \Phi_{222}^{2}\ \Phi_{111}^{3}\ \Phi_{74}^{2}\ \Phi_{37}^{3}\ \Phi_{18}^{2}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
123996	1675	1344	$\frac{1}{112}$	$\frac{1}{6}$	$\frac{113}{448}$	$\frac{111}{224}$	$\Phi_{1344}^{2}\ \Phi_{448}\ \Phi_{336}^{2}\ \Phi_{192}^{2}\ \Phi_{168}^{2}\ \Phi_{112}\ \Phi_{84}^{2}\ \Phi_{64}\ \Phi_{56}\ \Phi_{48}^{2}\ \Phi_{42}^{2}\ \Phi_{28}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
123997	1675	1992	$\frac{3}{332}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{329}{664}$	$\Phi_{1992}^{2}\ \Phi_{664}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
123998	1675	3312	$\frac{19}{1656}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{1637}{3312}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
123999	1675	3312	$\frac{19}{1656}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1637}{3312}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{144}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
124000	1675	2016	$\frac{5}{336}$	$\frac{1}{6}$	$\frac{341}{2016}$	$\frac{331}{672}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
124001	1675	528	$\frac{1}{66}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{65}{132}$	$\Phi_{528}^{6}\ \Phi_{176}^{6}\ \Phi_{132}\ \Phi_{48}^{7}\ \Phi_{44}\ \Phi_{16}^{7}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
124002	1675	1188	$\frac{1}{66}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{65}{132}$	$\Phi_{1188}^{3}\ \Phi_{396}^{3}\ \Phi_{132}\ \Phi_{108}^{3}\ \Phi_{44}\ \Phi_{36}^{3}\ \Phi_{27}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
124003	1675	396	$\frac{1}{66}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{65}{132}$	$\Phi_{396}^{6}\ \Phi_{198}^{6}\ \Phi_{132}\ \Phi_{99}^{6}\ \Phi_{44}\ \Phi_{36}^{7}\ \Phi_{18}^{7}\ \Phi_{12}\ \Phi_{9}^{7}\ \Phi_{4}\ \Phi_{1}$
124004	1675	924	$\frac{1}{66}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{65}{132}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{231}^{2}\ \Phi_{154}^{2}\ \Phi_{132}\ \Phi_{84}^{2}\ \Phi_{77}^{2}\ \Phi_{44}\ \Phi_{42}^{2}\ \Phi_{28}^{3}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{12}\ \Phi_{7}^{3}\ \Phi_{4}\ \Phi_{1}$
124005	1675	1056	$\frac{1}{66}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{65}{132}$	$\Phi_{1056}^{2}\ \Phi_{528}^{2}\ \Phi_{352}^{2}\ \Phi_{176}^{2}\ \Phi_{132}\ \Phi_{96}^{2}\ \Phi_{48}^{2}\ \Phi_{44}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
124006	1675	132	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{65}{132}$	$\Phi_{132}^{25}\ \Phi_{44}^{25}\ \Phi_{12}^{25}\ \Phi_{6}^{4}\ \Phi_{4}^{25}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
124007	1675	1806	$\frac{2}{129}$	$\frac{131}{1806}$	$\frac{1}{3}$	$\frac{127}{258}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{602}\ \Phi_{301}\ \Phi_{129}\ \Phi_{43}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
124008	1675	3224	$\frac{1}{62}$	$\frac{63}{1612}$	$\frac{1549}{3224}$	$\frac{61}{124}$	$\Phi_{3224}\ \Phi_{248}\ \Phi_{124}\ \Phi_{104}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
124009	1675	1974	$\frac{6}{329}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{323}{658}$	$\Phi_{1974}\ \Phi_{987}\ \Phi_{329}\ \Phi_{282}\ \Phi_{141}\ \Phi_{47}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
124010	1675	648	$\frac{1}{54}$	$\frac{11}{324}$	$\frac{313}{648}$	$\frac{53}{108}$	$\Phi_{648}^{5}\ \Phi_{216}^{5}\ \Phi_{108}\ \Phi_{72}^{5}\ \Phi_{36}\ \Phi_{24}^{5}\ \Phi_{12}\ \Phi_{8}^{5}\ \Phi_{4}\ \Phi_{1}$
124011	1675	432	$\frac{1}{54}$	$\frac{11}{108}$	$\frac{97}{432}$	$\frac{53}{108}$	$\Phi_{432}^{5}\ \Phi_{216}^{5}\ \Phi_{144}^{5}\ \Phi_{108}\ \Phi_{72}^{5}\ \Phi_{48}^{5}\ \Phi_{36}\ \Phi_{24}^{5}\ \Phi_{16}^{5}\ \Phi_{12}\ \Phi_{8}^{5}\ \Phi_{4}\ \Phi_{1}$
124012	1675	1944	$\frac{1}{54}$	$\frac{269}{1944}$	$\frac{55}{324}$	$\frac{53}{108}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
124013	1675	384	$\frac{1}{48}$	$\frac{49}{384}$	$\frac{1}{6}$	$\frac{47}{96}$	$\Phi_{384}^{5}\ \Phi_{192}^{5}\ \Phi_{128}^{5}\ \Phi_{64}^{5}\ \Phi_{48}^{5}\ \Phi_{24}^{5}\ \Phi_{16}^{5}\ \Phi_{12}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
124014	1675	1968	$\frac{7}{328}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{321}{656}$	$\Phi_{1968}^{2}\ \Phi_{656}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
124015	1675	3276	$\frac{37}{1638}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1601}{3276}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}\ \Phi_{156}\ \Phi_{84}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{28}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
124016	1675	3276	$\frac{37}{1638}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1601}{3276}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}\ \Phi_{156}\ \Phi_{84}\ \Phi_{52}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
124017	1675	3264	$\frac{43}{1632}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1589}{3264}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
124018	1675	648	$\frac{11}{324}$	$\frac{1}{27}$	$\frac{26}{81}$	$\frac{313}{648}$	$\Phi_{648}^5\ \Phi_{216}^5\ \Phi_{81}\ \Phi_{72}^5\ \Phi_{24}^5\ \Phi_8^5\ \Phi_1$
124019	1675	648	$\frac{11}{324}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{313}{648}$	$\Phi_{648}^5\ \Phi_{216}^5\ \Phi_{72}^5\ \Phi_{27}^2\ \Phi_{24}^5\ \Phi_9^2\ \Phi_8^5\ \Phi_3^2\ \Phi_1^3$
124020	1675	648	$\frac{11}{324}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{313}{648}$	$\Phi_{648}^5\ \Phi_{216}^5\ \Phi_{72}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
124021	1675	81	$\frac{1}{27}$	$\frac{2}{27}$	$\frac{14}{81}$	$\frac{13}{27}$	$\Phi_{81}^{25}\ \Phi_{27}^{12}\ \Phi_9^{12}\ \Phi_3^{12}\ \Phi_1^{13}$
124022	1675	129	$\frac{4}{129}$	$\frac{5}{129}$	$\frac{1}{3}$	$\frac{62}{129}$	$\Phi_{129}^{13}\ \Phi_{43}^{13}\ \Phi_3^{12}\ \Phi_1^{13}$
124023	1675	1932	$\frac{13}{322}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{309}{644}$	$\Phi_{1932}^2\ \Phi_{644}\ \Phi_{276}^2\ \Phi_{92}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
124024	1675	1104	$\frac{2}{69}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{1104}^3\ \Phi_{368}^3\ \Phi_{69}\ \Phi_{48}\ \Phi_{23}\ \Phi_{16}\ \Phi_1$
124025	1675	1584	$\frac{1}{33}$	$\frac{1}{24}$	$\frac{32}{99}$	$\frac{23}{48}$	$\Phi_{1584}^3\ \Phi_{144}^3\ \Phi_{99}\ \Phi_{48}\ \Phi_{16}\ \Phi_9\ \Phi_1$
124026	1675	528	$\frac{1}{24}$	$\frac{1}{22}$	$\frac{21}{88}$	$\frac{23}{48}$	$\Phi_{528}^6\ \Phi_{176}^6\ \Phi_{88}\ \Phi_{48}^7\ \Phi_{44}\ \Phi_{16}^7\ \Phi_8\ \Phi_4\ \Phi_1$
124027	1675	144	$\frac{1}{24}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{23}{48}$	$\Phi_{144}^{24}\ \Phi_{72}\ \Phi_{48}^{19}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}^{19}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
124028	1675	3696	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{23}{48}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{336}\ \Phi_{112}\ \Phi_{77}\ \Phi_{48}\ \Phi_{16}\ \Phi_7\ \Phi_1$
124029	1675	2268	$\frac{1}{27}$	$\frac{26}{567}$	$\frac{593}{2268}$	$\frac{541}{1134}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{567}\ \Phi_{324}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{81}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
124030	1675	1664	$\frac{1}{26}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{1664}^2\ \Phi_{128}\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{13}\ \Phi_4\ \Phi_1$
124031	1675	384	$\frac{3}{64}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{61}{128}$	$\Phi_{384}^{10}\ \Phi_{128}^5\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
124032	1675	3192	$\frac{79}{1596}$	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1517}{3192}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{168}\ \Phi_{152}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
124033	1675	1716	$\frac{41}{1716}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{286}\ \Phi_{156}\ \Phi_{143}\ \Phi_{132}\ \Phi_{66}\ \Phi_{52}\ \Phi_{44}\ \Phi_{39}\ \Phi_{33}\ \Phi_{22}\ \Phi_{13}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
124034	1675	1836	$\frac{8}{153}$	$\frac{161}{1836}$	$\frac{1}{9}$	$\frac{145}{306}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{204}\ \Phi_{153}\ \Phi_{108}\ \Phi_{68}\ \Phi_{54}\ \Phi_{51}\ \Phi_{36}\ \Phi_{27}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
124035	1675	2484	$\frac{19}{828}$	$\frac{1}{18}$	$\frac{809}{2484}$	$\frac{17}{36}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{621}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
124036	1675	1728	$\frac{53}{1728}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
124037	1675	3168	$\frac{91}{1584}$	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1493}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{99}\ \Phi_{96}\ \Phi_{33}\ \Phi_{32}\ \Phi_{11}\ \Phi_1$
124038	1675	1056	$\frac{17}{352}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}\ \Phi_{264}^2\ \Phi_{176}\ \Phi_{132}^2\ \Phi_{88}\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
124039	1675	126	$\frac{1}{21}$	$\frac{4}{63}$	$\frac{1}{6}$	$\frac{59}{126}$	$\Phi_{126}^{10}\ \Phi_{63}^{15}\ \Phi_{42}^{13}\ \Phi_{21}^{17}\ \Phi_{18}^{10}\ \Phi_{14}^{13}\ \Phi_9^{15}\ \Phi_7^{17}\ \Phi_6^{12}\ \Phi_3^{16}\ \Phi_2^{12}\ \Phi_1^{17}$
124040	1675	624	$\frac{1}{24}$	$\frac{23}{312}$	$\frac{1}{6}$	$\frac{289}{624}$	$\Phi_{624}^5\ \Phi_{208}^5\ \Phi_{48}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
124041	1675	124	$\frac{1}{31}$	$\frac{5}{62}$	$\frac{6}{31}$	$\frac{57}{124}$	$\Phi_{124}^{25}\ \Phi_{31}^4\ \Phi_4^{25}\ \Phi_1^5$
124042	1675	1782	$\frac{107}{1782}$	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{198}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{162}\ \Phi_{99}\ \Phi_{81}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_1$
124043	1675	3096	$\frac{2}{129}$	$\frac{127}{1548}$	$\frac{1}{3}$	$\frac{1421}{3096}$	$\Phi_{3096}\ \Phi_{1032}\ \Phi_{344}\ \Phi_{129}\ \Phi_{72}\ \Phi_{43}\ \Phi_{24}\ \Phi_8\ \Phi_1$
124044	1675	1848	$\frac{1}{28}$	$\frac{27}{308}$	$\frac{1}{6}$	$\frac{281}{616}$	$\Phi_{1848}^2\ \Phi_{616}\ \Phi_{264}^2\ \Phi_{168}^2\ \Phi_{88}\ \Phi_{84}^2\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
124045	1675	2046	$\frac{1}{31}$	$\frac{30}{341}$	$\frac{371}{2046}$	$\frac{311}{682}$	$\Phi_{2046}\ \Phi_{1023}\ \Phi_{341}\ \Phi_{186}\ \Phi_{93}\ \Phi_{66}\ \Phi_{33}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
124046	1675	612	$\frac{8}{153}$	$\frac{29}{306}$	$\frac{1}{9}$	$\frac{277}{612}$	$\Phi_{612}^5\ \Phi_{204}^5\ \Phi_{153}\ \Phi_{68}^5\ \Phi_{51}\ \Phi_{36}^5\ \Phi_{17}\ \Phi_{12}^5\ \Phi_4^5\ \Phi_1$
124047	1675	1728	$\frac{53}{1728}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
124048	1675	1944	$\frac{1}{27}$	$\frac{26}{243}$	$\frac{269}{1944}$	$\frac{217}{486}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
124049	1675	3024	$\frac{1}{54}$	$\frac{163}{1512}$	$\frac{53}{216}$	$\frac{1349}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{216}\ \Phi_{144}\ \Phi_{112}\ \Phi_{108}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
124050	1675	3024	$\frac{5}{168}$	$\frac{163}{1512}$	$\frac{1}{6}$	$\frac{1349}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
124051	1675	3024	$\frac{1}{27}$	$\frac{163}{1512}$	$\frac{26}{189}$	$\frac{1349}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{189}\ \Phi_{144}\ \Phi_{112}\ \Phi_{63}\ \Phi_{48}\ \Phi_{21}\ \Phi_{16}\ \Phi_7\ \Phi_1$
124052	1675	333	$\frac{8}{333}$	$\frac{1}{9}$	$\frac{65}{333}$	$\frac{4}{9}$	$\Phi_{333}^5\ \Phi_{111}^5\ \Phi_{37}^5\ \Phi_9^6\ \Phi_3^6\ \Phi_1^7$
124053	1675	2976	$\frac{1}{62}$	$\frac{187}{1488}$	$\frac{61}{248}$	$\frac{1301}{2976}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{248}\ \Phi_{124}\ \Phi_{96}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
124054	1675	378	$\frac{1}{27}$	$\frac{43}{378}$	$\frac{26}{189}$	$\frac{163}{378}$	$\Phi_{378}^4\ \Phi_{189}^5\ \Phi_{126}^4\ \Phi_{63}^5\ \Phi_{54}^4\ \Phi_{42}^4\ \Phi_{27}^4\ \Phi_{21}^5\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^4\ \Phi_7^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
124055	1675	588	$\frac{1}{42}$	$\frac{41}{294}$	$\frac{1}{6}$	$\frac{253}{588}$	$\Phi_{588}^5\ \Phi_{196}^5\ \Phi_{84}^5\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_7^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
124056	1675	2916	$\frac{1}{27}$	$\frac{26}{243}$	$\frac{217}{1458}$	$\frac{1241}{2916}$	$\Phi_{2916}\ \Phi_{972}\ \Phi_{324}\ \Phi_{243}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
124057	1675	576	$\frac{1}{48}$	$\frac{47}{288}$	$\frac{1}{6}$	$\frac{241}{576}$	$\Phi_{576}^5\ \Phi_{192}^5\ \Phi_{64}^5\ \Phi_{48}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
124058	1675	351	$\frac{16}{351}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{351}^5\ \Phi_{117}^5\ \Phi_{39}^5\ \Phi_{27}^2\ \Phi_{13}^5\ \Phi_9^2\ \Phi_3^2\ \Phi_1^3$
124059	1675	372	$\frac{1}{31}$	$\frac{37}{372}$	$\frac{6}{31}$	$\frac{25}{62}$	$\Phi_{372}^5\ \Phi_{186}^5\ \Phi_{124}^5\ \Phi_{93}^5\ \Phi_{31}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_1^5$
124060	1675	336	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{11}{56}$	$\frac{45}{112}$	$\Phi_{336}^{10}\ \Phi_{168}^2\ \Phi_{112}^5\ \Phi_{84}^2\ \Phi_{56}\ \Phi_{48}^{10}\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{16}^5\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
124061	1675	2728	$\frac{1}{31}$	$\frac{30}{341}$	$\frac{311}{1364}$	$\frac{1053}{2728}$	$\Phi_{2728}\ \Phi_{341}\ \Phi_{248}\ \Phi_{88}\ \Phi_{11}\ \Phi_8\ \Phi_1$
124062	1675	108	$\frac{1}{27}$	$\frac{2}{27}$	$\frac{13}{54}$	$\frac{41}{108}$	$\Phi_{108}^{25}\ \Phi_{36}^{25}\ \Phi_{27}^{12}\ \Phi_{12}^{25}\ \Phi_9^{12}\ \Phi_4^{25}\ \Phi_3^{12}\ \Phi_1^{13}$
124063	1675	1984	$\frac{1}{62}$	$\frac{309}{1984}$	$\frac{61}{248}$	$\frac{187}{496}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{248}\ \Phi_{124}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
124064	1675	2688	$\frac{5}{336}$	$\frac{1}{6}$	$\frac{331}{1344}$	$\frac{1013}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{384}\ \Phi_{336}\ \Phi_{168}\ \Phi_{128}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
124065	1675	4008	$\frac{1}{167}$	$\frac{1}{4}$	$\frac{166}{501}$	$\frac{3}{8}$	$\Phi_{4008}\ \Phi_{501}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
124066	1675	1336	$\frac{2}{167}$	$\frac{33}{167}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1336}^2\ \Phi_{167}^2\ \Phi_8^3\ \Phi_1^3$
124067	1675	408	$\frac{1}{68}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^8\ \Phi_{204}^2\ \Phi_{136}^4\ \Phi_{102}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{24}^6\ \Phi_{17}\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
124068	1675	936	$\frac{1}{26}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{72}\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{36}\ \Phi_{26}\ \Phi_{24}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
124069	1675	2604	$\frac{1}{62}$	$\frac{61}{434}$	$\frac{373}{1302}$	$\frac{929}{2604}$	$\Phi_{2604}\ \Phi_{868}\ \Phi_{434}\ \Phi_{372}\ \Phi_{217}\ \Phi_{124}\ \Phi_{84}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
124070	1675	2592	$\frac{1}{54}$	$\frac{53}{432}$	$\frac{379}{1296}$	$\frac{917}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
124071	1675	1326	$\frac{1}{26}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{442}^2\ \Phi_{221}^2\ \Phi_{78}\ \Phi_{51}\ \Phi_{39}\ \Phi_{34}\ \Phi_{26}\ \Phi_{17}\ \Phi_{13}\ \Phi_3\ \Phi_1$
124072	1675	1782	$\frac{1}{27}$	$\frac{107}{1782}$	$\frac{26}{81}$	$\frac{55}{162}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{99}\ \Phi_{81}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
124073	1675	504	$\frac{1}{84}$	$\frac{1}{6}$	$\frac{83}{252}$	$\frac{169}{504}$	$\Phi_{504}^5\ \Phi_{168}^5\ \Phi_{84}^5\ \Phi_{72}^5\ \Phi_{56}^5\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_7^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
124074	1675	621	$\frac{2}{69}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{621}^3\ \Phi_{207}^3\ \Phi_{69}\ \Phi_{27}\ \Phi_{23}\ \Phi_9\ \Phi_1$
124075	1675	387	$\frac{2}{129}$	$\frac{52}{387}$	$\frac{127}{387}$	$\frac{1}{3}$	$\Phi_{387}^4\ \Phi_{129}^5\ \Phi_{43}^5\ \Phi_9^4\ \Phi_3^4\ \Phi_1^5$
124076	1675	297	$\frac{1}{33}$	$\frac{2}{27}$	$\frac{32}{99}$	$\frac{1}{3}$	$\Phi_{297}^6\ \Phi_{99}^4\ \Phi_{33}^6\ \Phi_{27}^7\ \Phi_{11}^6\ \Phi_9^5\ \Phi_3^6\ \Phi_1^7$
124077	1675	2457	$\frac{37}{819}$	$\frac{2}{39}$	$\frac{782}{2457}$	$\frac{1}{3}$	$\Phi_{2457}\ \Phi_{351}\ \Phi_{189}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_1$
124078	1675	351	$\frac{16}{351}$	$\frac{2}{39}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{351}^5\ \Phi_{117}^4\ \Phi_{39}^5\ \Phi_{27}^5\ \Phi_{13}^5\ \Phi_9^4\ \Phi_3^4\ \Phi_1^5$
124079	1675	828	$\frac{2}{69}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{828}^3\ \Phi_{414}^3\ \Phi_{207}^3\ \Phi_{69}\ \Phi_{36}\ \Phi_{23}\ \Phi_{18}\ \Phi_9\ \Phi_1$
124080	1675	2322	$\frac{2}{129}$	$\frac{127}{774}$	$\frac{647}{2322}$	$\frac{1}{3}$	$\Phi_{2322}\ \Phi_{1161}\ \Phi_{129}\ \Phi_{54}\ \Phi_{43}\ \Phi_{27}\ \Phi_1$
124081	1675	1932	$\frac{2}{69}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{161}\ \Phi_{69}\ \Phi_{28}\ \Phi_{23}\ \Phi_{14}\ \Phi_7\ \Phi_1$
124082	1675	2064	$\frac{2}{129}$	$\frac{389}{2064}$	$\frac{127}{516}$	$\frac{1}{3}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{688}\ \Phi_{344}\ \Phi_{129}\ \Phi_{48}\ \Phi_{43}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
124083	1675	444	$\frac{2}{111}$	$\frac{1}{6}$	$\frac{109}{444}$	$\frac{1}{3}$	$\Phi_{444}^5\ \Phi_{222}^2\ \Phi_{148}^5\ \Phi_{111}^3\ \Phi_{74}^2\ \Phi_{37}^3\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
124084	1675	2376	$\frac{1}{22}$	$\frac{2}{27}$	$\frac{21}{88}$	$\frac{1}{3}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{396}\ \Phi_{216}\ \Phi_{108}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{27}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
124085	1675	2184	$\frac{2}{39}$	$\frac{37}{546}$	$\frac{509}{2184}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{364}\ \Phi_{312}\ \Phi_{168}\ \Phi_{156}\ \Phi_{104}\ \Phi_{84}\ \Phi_{56}\ \Phi_{52}\ \Phi_{39}\ \Phi_{28}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
124086	1675	342	$\frac{7}{342}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{342}^{5}\ \Phi_{171}^{5}\ \Phi_{114}^{5}\ \Phi_{57}^{5}\ \Phi_{38}^{5}\ \Phi_{19}^{5}\ \Phi_{18}^{2}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
124087	1675	2208	$\frac{2}{69}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{368}\ \Phi_{69}\ \Phi_{32}\ \Phi_{23}\ \Phi_{16}\ \Phi_{1}$
124088	1675	138	$\frac{2}{69}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{138}^{12}\ \Phi_{69}^{13}\ \Phi_{46}^{12}\ \Phi_{23}^{13}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
124089	1675	216	$\frac{5}{72}$	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{216}^{9}\ \Phi_{108}^{9}\ \Phi_{72}^{7}\ \Phi_{54}^{6}\ \Phi_{36}^{7}\ \Phi_{27}^{7}\ \Phi_{24}^{7}\ \Phi_{18}^{4}\ \Phi_{12}^{7}\ \Phi_{9}^{5}\ \Phi_{8}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{7}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
124090	1675	1872	$\frac{2}{39}$	$\frac{197}{1872}$	$\frac{37}{234}$	$\frac{1}{3}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
124091	1675	1911	$\frac{2}{39}$	$\frac{236}{1911}$	$\frac{37}{273}$	$\frac{1}{3}$	$\Phi_{1911}\ \Phi_{637}\ \Phi_{147}\ \Phi_{49}\ \Phi_{39}\ \Phi_{13}\ \Phi_{1}$
124092	1675	2079	$\frac{2}{27}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{3}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{189}\ \Phi_{77}\ \Phi_{63}\ \Phi_{27}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
124093	1675	432	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{97}{432}$	$\frac{47}{144}$	$\Phi_{432}^{5}\ \Phi_{216}^{5}\ \Phi_{108}^{5}\ \Phi_{54}^{5}\ \Phi_{48}^{5}\ \Phi_{27}^{5}\ \Phi_{24}^{5}\ \Phi_{16}^{5}\ \Phi_{12}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
124094	1675	2016	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{341}{2016}$	$\frac{163}{504}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
124095	1675	396	$\frac{1}{33}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{32}{99}$	$\Phi_{396}^{3}\ \Phi_{198}^{3}\ \Phi_{132}^{6}\ \Phi_{99}^{4}\ \Phi_{66}^{6}\ \Phi_{44}^{6}\ \Phi_{36}^{4}\ \Phi_{33}^{6}\ \Phi_{22}^{6}\ \Phi_{18}^{4}\ \Phi_{12}^{6}\ \Phi_{11}^{6}\ \Phi_{9}^{5}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
124096	1675	2772	$\frac{1}{33}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{32}{99}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{252}\ \Phi_{126}\ \Phi_{99}\ \Phi_{63}\ \Phi_{28}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
124097	1675	99	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{8}{33}$	$\frac{32}{99}$	$\Phi_{99}^{16}\ \Phi_{33}^{19}\ \Phi_{11}^{19}\ \Phi_{9}^{15}\ \Phi_{3}^{18}\ \Phi_{1}^{19}$
124098	1675	3168	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{32}{99}$	$\Phi_{3168}\ \Phi_{1584}\ \Phi_{288}\ \Phi_{144}\ \Phi_{99}\ \Phi_{32}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
124099	1675	198	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{32}{99}$	$\Phi_{198}^{12}\ \Phi_{99}^{13}\ \Phi_{18}^{12}\ \Phi_{9}^{13}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
124100	1675	486	$\frac{1}{27}$	$\frac{11}{162}$	$\frac{151}{486}$	$\frac{26}{81}$	$\Phi_{486}^{5}\ \Phi_{243}^{5}\ \Phi_{81}\ \Phi_{1}$
124101	1675	81	$\frac{1}{27}$	$\frac{11}{81}$	$\frac{14}{81}$	$\frac{26}{81}$	$\Phi_{81}^{21}\ \Phi_{27}^{20}\ \Phi_{9}^{20}\ \Phi_{3}^{20}\ \Phi_{1}^{21}$
124102	1675	1944	$\frac{1}{27}$	$\frac{269}{1944}$	$\frac{55}{324}$	$\frac{26}{81}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{81}\ \Phi_{72}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
124103	1675	378	$\frac{1}{21}$	$\frac{43}{378}$	$\frac{1}{6}$	$\frac{20}{63}$	$\Phi_{378}^{5}\ \Phi_{189}^{5}\ \Phi_{126}^{2}\ \Phi_{63}^{3}\ \Phi_{54}^{5}\ \Phi_{42}^{5}\ \Phi_{27}^{5}\ \Phi_{21}^{5}\ \Phi_{18}^{2}\ \Phi_{14}^{5}\ \Phi_{9}^{3}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
124104	1675	2448	$\frac{43}{816}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{773}{2448}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
124105	1675	486	$\frac{11}{162}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{151}{486}$	$\Phi_{486}^{5}\ \Phi_{243}^{5}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
124106	1675	792	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{21}{88}$	$\frac{11}{36}$	$\Phi_{792}^{4}\ \Phi_{396}^{2}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{88}\ \Phi_{72}^{4}\ \Phi_{44}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
124107	1675	72	$\frac{5}{72}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{36}$	$\Phi_{72}^{25}\ \Phi_{36}^{20}\ \Phi_{24}^{25}\ \Phi_{18}^{20}\ \Phi_{12}^{25}\ \Phi_{9}^{20}\ \Phi_{8}^{25}\ \Phi_{6}^{24}\ \Phi_{4}^{25}\ \Phi_{3}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
124108	1675	2772	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{11}{36}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{252}\ \Phi_{126}\ \Phi_{77}\ \Phi_{63}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
124109	1675	1248	$\frac{1}{26}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{1248}^{2}\ \Phi_{624}^{2}\ \Phi_{312}^{2}\ \Phi_{156}^{2}\ \Phi_{96}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{48}\ \Phi_{39}^{2}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
124110	1675	96	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{6}$	$\frac{29}{96}$	$\Phi_{96}^{15}\ \Phi_{48}^{17}\ \Phi_{32}^{20}\ \Phi_{24}^{17}\ \Phi_{16}^{21}\ \Phi_{12}^{17}\ \Phi_{8}^{21}\ \Phi_{6}^{16}\ \Phi_{4}^{21}\ \Phi_{3}^{16}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
124111	1675	2187	$\frac{1}{27}$	$\frac{26}{243}$	$\frac{512}{2187}$	$\frac{217}{729}$	$\Phi_{2187}\ \Phi_{243}\ \Phi_{81}\ \Phi_{1}$
124112	1675	2376	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{792}$	$\frac{701}{2376}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{108}\ \Phi_{99}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_{1}$
124113	1675	1764	$\frac{89}{1764}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{126}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{49}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
124114	1675	189	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{189}$	$\Phi_{189}^{8}\ \Phi_{63}^{9}\ \Phi_{27}^{12}\ \Phi_{21}^{9}\ \Phi_{9}^{12}\ \Phi_{7}^{9}\ \Phi_{3}^{12}\ \Phi_{1}^{13}$
124115	1675	210	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{210}^{10}\ \Phi_{105}^{10}\ \Phi_{70}^{5}\ \Phi_{42}^{8}\ \Phi_{35}^{5}\ \Phi_{30}^{10}\ \Phi_{21}^{8}\ \Phi_{15}^{10}\ \Phi_{14}^{3}\ \Phi_{10}^{5}\ \Phi_{7}^{5}\ \Phi_{6}^{7}\ \Phi_{5}^{5}\ \Phi_{3}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{5}$
124116	1675	93	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{26}{93}$	$\Phi_{93}^{25}\ \Phi_{31}^{4}\ \Phi_{3}^{25}\ \Phi_{1}^{5}$
124117	1675	459	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{29}{153}$	$\frac{124}{459}$	$\Phi_{459}^{5}\ \Phi_{153}\ \Phi_{51}\ \Phi_{27}^{5}\ \Phi_{17}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
124118	1675	1728	$\frac{53}{1728}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
124119	1675	2268	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{163}{756}$	$\frac{593}{2268}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{189}\ \Phi_{162}\ \Phi_{81}\ \Phi_{63}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
124120	1675	2232	$\frac{1}{62}$	$\frac{61}{248}$	$\frac{557}{2232}$	$\frac{187}{744}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{558}\ \Phi_{279}\ \Phi_{248}\ \Phi_{124}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
124121	1675	616	$\frac{1}{22}$	$\frac{3}{28}$	$\frac{21}{88}$	$\frac{1}{4}$	$\Phi_{616}^4\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{88}\ \Phi_{77}^2\ \Phi_{56}^4\ \Phi_{44}\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{8}\ \Phi_{7}^3\ \Phi_{4}\ \Phi_{1}$
124122	1675	1040	$\frac{1}{26}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1040}^2\ \Phi_{520}^2\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{80}\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
124123	1675	504	$\frac{5}{72}$	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{84}^2\ \Phi_{72}\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^3\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}^3\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}^3\ \Phi_{4}\ \Phi_{1}$
124124	1675	308	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{10}{77}$	$\frac{1}{4}$	$\Phi_{308}^5\ \Phi_{154}^5\ \Phi_{77}^6\ \Phi_{44}^6\ \Phi_{28}^6\ \Phi_{22}^6\ \Phi_{14}^6\ \Phi_{11}^6\ \Phi_{7}^7\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^7$
124125	1675	2208	$\frac{19}{552}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{533}{2208}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{368}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
124126	1675	352	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{21}{88}$	$\Phi_{352}^6\ \Phi_{176}^6\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}^7\ \Phi_{16}^7\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
124127	1675	264	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{21}{88}$	$\Phi_{264}^8\ \Phi_{132}^8\ \Phi_{88}^9\ \Phi_{44}^9\ \Phi_{24}^8\ \Phi_{12}^8\ \Phi_{8}^9\ \Phi_{6}^4\ \Phi_{4}^9\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
124128	1675	384	$\frac{1}{16}$	$\frac{49}{384}$	$\frac{1}{6}$	$\frac{15}{64}$	$\Phi_{384}^5\ \Phi_{192}^3\ \Phi_{128}^5\ \Phi_{96}^3\ \Phi_{64}^4\ \Phi_{48}^5\ \Phi_{32}^4\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
124129	1675	2184	$\frac{37}{546}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{509}{2184}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{364}\ \Phi_{312}\ \Phi_{168}\ \Phi_{156}\ \Phi_{104}\ \Phi_{84}\ \Phi_{56}\ \Phi_{52}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
124130	1675	396	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{61}{396}$	$\frac{91}{396}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^4\ \Phi_{99}^5\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{36}^4\ \Phi_{33}^5\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{11}^5\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
124131	1675	432	$\frac{2}{27}$	$\frac{11}{108}$	$\frac{5}{27}$	$\frac{97}{432}$	$\Phi_{432}^5\ \Phi_{216}^5\ \Phi_{144}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{27}^2\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{9}^2\ \Phi_{8}^5\ \Phi_{3}^2\ \Phi_{1}^3$
124132	1675	432	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{6}$	$\frac{97}{432}$	$\Phi_{432}^5\ \Phi_{216}^5\ \Phi_{144}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
124133	1675	288	$\frac{5}{72}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{32}$	$\Phi_{288}^8\ \Phi_{144}^8\ \Phi_{96}^6\ \Phi_{72}\ \Phi_{48}^6\ \Phi_{36}\ \Phi_{32}^7\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}^7\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
124134	1675	2464	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{10}{77}$	$\frac{7}{32}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{224}\ \Phi_{112}\ \Phi_{77}\ \Phi_{32}\ \Phi_{16}\ \Phi_{7}\ \Phi_{1}$
124135	1675	378	$\frac{2}{27}$	$\frac{43}{378}$	$\frac{5}{27}$	$\frac{11}{54}$	$\Phi_{378}^5\ \Phi_{189}^5\ \Phi_{126}^5\ \Phi_{63}^5\ \Phi_{42}^5\ \Phi_{27}^2\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{9}^2\ \Phi_{7}^5\ \Phi_{3}^2\ \Phi_{1}^3$
124136	1675	84	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{4}{21}$	$\frac{17}{84}$	$\Phi_{84}^{25}\ \Phi_{42}^{13}\ \Phi_{28}^{25}\ \Phi_{21}^{17}\ \Phi_{14}^{13}\ \Phi_{12}^{25}\ \Phi_{7}^{17}\ \Phi_{6}^{12}\ \Phi_{4}^{25}\ \Phi_{3}^{16}\ \Phi_{2}^{12}\ \Phi_{1}^{17}$
124137	1675	240	$\frac{1}{16}$	$\frac{13}{80}$	$\frac{1}{6}$	$\frac{3}{16}$	$\Phi_{240}^{10}\ \Phi_{120}^{10}\ \Phi_{80}^5\ \Phi_{60}^{10}\ \Phi_{48}^2\ \Phi_{40}^5\ \Phi_{30}^{10}\ \Phi_{24}^2\ \Phi_{20}^5\ \Phi_{16}\ \Phi_{15}^{10}\ \Phi_{12}^2\ \Phi_{10}^5\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}^5\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
124138	1675	81	$\frac{2}{27}$	$\frac{11}{81}$	$\frac{14}{81}$	$\frac{5}{27}$	$\Phi_{81}^{20}\ \Phi_{27}^{22}\ \Phi_{9}^{22}\ \Phi_{3}^{22}\ \Phi_{1}^{23}$
124139	1675	72	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{72}^{25}\ \Phi_{36}^{25}\ \Phi_{24}^{25}\ \Phi_{18}^{25}\ \Phi_{12}^{25}\ \Phi_{9}^{25}\ \Phi_{8}^{25}\ \Phi_{6}^4\ \Phi_{4}^{25}\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
124140	1675	396	$\frac{5}{66}$	$\frac{61}{396}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{396}^5\ \Phi_{198}^5\ \Phi_{132}^5\ \Phi_{99}^5\ \Phi_{44}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_{9}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
124141	1675	462	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{77}^5\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{7}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
124142	1676	2508	$\frac{1}{418}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{417}{836}$	$\Phi_{2508}\ \Phi_{836}^2\ \Phi_{228}\ \Phi_{132}\ \Phi_{76}^2\ \Phi_{44}^2\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
124143	1676	670	$\frac{1}{335}$	$\frac{84}{335}$	$\frac{251}{670}$	$\frac{167}{335}$	$\Phi_{670}^4\ \Phi_{335}\ \Phi_{134}^4\ \Phi_{67}\ \Phi_{10}^4\ \Phi_{5}\ \Phi_{2}^4\ \Phi_{1}^2$
124144	1676	835	$\frac{3}{835}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{416}{835}$	$\Phi_{835}^2\ \Phi_{167}^2\ \Phi_{5}^3\ \Phi_{1}^4$
124145	1676	4170	$\frac{2}{417}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{415}{834}$	$\Phi_{4170}\ \Phi_{1390}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
124146	1676	1665	$\frac{11}{1665}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{827}{1665}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{333}\ \Phi_{185}\ \Phi_{111}\ \Phi_{45}\ \Phi_{37}\ \Phi_{15}^2\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
124147	1676	560	$\frac{1}{140}$	$\frac{1}{5}$	$\frac{141}{560}$	$\frac{139}{280}$	$\Phi_{560}^4\ \Phi_{140}^4\ \Phi_{112}^4\ \Phi_{80}^4\ \Phi_{70}^4\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_{7}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
124148	1676	4160	$\frac{3}{416}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{413}{832}$	$\Phi_{4160}\ \Phi_{320}\ \Phi_{20}\ \Phi_{10}$
124149	1676	830	$\frac{4}{415}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{411}{830}$	$\Phi_{830}^4\ \Phi_{166}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
124150	1676	2520	$\frac{1}{84}$	$\frac{85}{504}$	$\frac{1}{5}$	$\frac{83}{168}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{360}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
124151	1676	4140	$\frac{5}{414}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{409}{828}$	$\Phi_{4140}\ \Phi_{1380}\ \Phi_{460}\ \Phi_{180}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
124152	1676	4130	$\frac{6}{413}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{407}{826}$	$\Phi_{4130}\ \Phi_{590}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
124153	1676	804	$\frac{1}{67}$	$\frac{17}{402}$	$\frac{385}{804}$	$\frac{33}{67}$	$\Phi_{804}^4\ \Phi_{268}^4\ \Phi_{67}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_1^2$
124154	1676	603	$\frac{1}{67}$	$\frac{17}{201}$	$\frac{184}{603}$	$\frac{33}{67}$	$\Phi_{603}^4\ \Phi_{67}\ \Phi_9^4\ \Phi_1^2$
124155	1676	469	$\frac{1}{67}$	$\frac{50}{469}$	$\frac{17}{67}$	$\frac{33}{67}$	$\Phi_{469}^4\ \Phi_{67}\ \Phi_7^4\ \Phi_1^2$
124156	1676	536	$\frac{1}{67}$	$\frac{17}{134}$	$\frac{117}{536}$	$\frac{33}{67}$	$\Phi_{536}^4\ \Phi_{268}^4\ \Phi_{67}\ \Phi_8^4\ \Phi_4^4\ \Phi_1^2$
124157	1676	1005	$\frac{1}{67}$	$\frac{167}{1005}$	$\frac{34}{201}$	$\frac{33}{67}$	$\Phi_{1005}^2\ \Phi_{335}^2\ \Phi_{67}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
124158	1676	825	$\frac{13}{825}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{406}{825}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}^2\ \Phi_{75}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{25}^3\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_5^3\ \Phi_3^2\ \Phi_1^4$
124159	1676	825	$\frac{13}{825}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{406}{825}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}^2\ \Phi_{75}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{25}^2\ \Phi_{15}^4\ \Phi_{11}^2\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
124160	1676	480	$\frac{1}{60}$	$\frac{61}{480}$	$\frac{1}{5}$	$\frac{59}{120}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
124161	1676	1645	$\frac{31}{1645}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{807}{1645}$	$\Phi_{1645}\ \Phi_{329}\ \Phi_{235}\ \Phi_{47}\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
124162	1676	820	$\frac{9}{410}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{401}{820}$	$\Phi_{820}^4\ \Phi_{164}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
124163	1676	4080	$\frac{11}{408}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{397}{816}$	$\Phi_{4080}\ \Phi_{1360}\ \Phi_{240}\ \Phi_{80}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
124164	1676	4060	$\frac{13}{406}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{393}{812}$	$\Phi_{4060}\ \Phi_{580}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
124165	1676	810	$\frac{14}{405}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{391}{810}$	$\Phi_{810}^4\ \Phi_{270}^4\ \Phi_{162}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
124166	1676	2240	$\frac{1}{28}$	$\frac{29}{448}$	$\frac{1}{5}$	$\frac{27}{56}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{320}\ \Phi_{160}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
124167	1676	550	$\frac{1}{25}$	$\frac{13}{275}$	$\frac{131}{550}$	$\frac{12}{25}$	$\Phi_{550}^4\ \Phi_{275}^2\ \Phi_{110}^4\ \Phi_{55}^2\ \Phi_{50}^4\ \Phi_{25}^3\ \Phi_{22}^4\ \Phi_{11}^2\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
124168	1676	450	$\frac{1}{25}$	$\frac{31}{450}$	$\frac{13}{75}$	$\frac{12}{25}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^2\ \Phi_{50}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{25}^3\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
124169	1676	805	$\frac{33}{805}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{386}{805}$	$\Phi_{805}^2\ \Phi_{161}^2\ \Phi_{115}^2\ \Phi_{35}^4\ \Phi_{23}^2\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
124170	1676	804	$\frac{17}{402}$	$\frac{3}{67}$	$\frac{16}{67}$	$\frac{385}{804}$	$\Phi_{804}^4\ \Phi_{268}^4\ \Phi_{67}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_1^2$
124171	1676	800	$\frac{1}{25}$	$\frac{19}{400}$	$\frac{6}{25}$	$\frac{381}{800}$	$\Phi_{800}^4\ \Phi_{160}^4\ \Phi_{32}^4\ \Phi_{25}^3\ \Phi_5^3\ \Phi_1^4$
124172	1676	800	$\frac{19}{400}$	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{381}{800}$	$\Phi_{800}^4\ \Phi_{160}^4\ \Phi_{32}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
124173	1676	440	$\frac{21}{440}$	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{440}^4\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{88}^4\ \Phi_{55}^4\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{20}^4\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
124174	1676	3990	$\frac{1}{21}$	$\frac{20}{399}$	$\frac{1}{5}$	$\frac{379}{798}$	$\Phi_{3990}\ \Phi_{1330}\ \Phi_{570}\ \Phi_{210}\ \Phi_{190}\ \Phi_{105}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
124175	1676	1575	$\frac{4}{105}$	$\frac{101}{1575}$	$\frac{1}{5}$	$\frac{737}{1575}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}^2\ \Phi_{75}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{25}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
124176	1676	3920	$\frac{1}{28}$	$\frac{27}{392}$	$\frac{1}{5}$	$\frac{365}{784}$	$\Phi_{3920}\ \Phi_{560}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
124177	1676	780	$\frac{1}{30}$	$\frac{29}{390}$	$\frac{1}{5}$	$\frac{361}{780}$	$\Phi_{780}^4\ \Phi_{260}^4\ \Phi_{156}^4\ \Phi_{60}^4\ \Phi_{52}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
124178	1676	2160	$\frac{13}{432}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{135}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
124179	1676	770	$\frac{1}{35}$	$\frac{34}{385}$	$\frac{1}{5}$	$\frac{351}{770}$	$\Phi_{770}^4\ \Phi_{154}^4\ \Phi_{110}^4\ \Phi_{70}^4\ \Phi_{35}^4\ \Phi_{22}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
124180	1676	3780	$\frac{1}{42}$	$\frac{41}{378}$	$\frac{1}{5}$	$\frac{337}{756}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{540}\ \Phi_{420}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
124181	1676	735	$\frac{2}{105}$	$\frac{103}{735}$	$\frac{1}{5}$	$\frac{316}{735}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}^2\ \Phi_{105}^4\ \Phi_{49}^2\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
124182	1676	720	$\frac{1}{60}$	$\frac{59}{360}$	$\frac{1}{5}$	$\frac{301}{720}$	$\Phi_{720}^4\ \Phi_{240}^4\ \Phi_{144}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
124183	1676	700	$\frac{1}{70}$	$\frac{69}{350}$	$\frac{1}{5}$	$\frac{281}{700}$	$\Phi_{700}^4\ \Phi_{140}^4\ \Phi_{100}^4\ \Phi_{70}^4\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
124184	1676	450	$\frac{1}{25}$	$\frac{31}{450}$	$\frac{6}{25}$	$\frac{19}{50}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{25}^3\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
124185	1676	3360	$\frac{1}{84}$	$\frac{1}{5}$	$\frac{83}{336}$	$\frac{253}{672}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{480}\ \Phi_{420}\ \Phi_{210}\ \Phi_{160}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
124186	1676	2120	$\frac{5}{424}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{265}\ \Phi_{20}\ \Phi_{10}$
124187	1676	425	$\frac{6}{425}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{425}^4\ \Phi_{85}^4\ \Phi_{25}^3\ \Phi_{17}^4\ \Phi_5^3\ \Phi_1^4$
124188	1676	1275	$\frac{1}{25}$	$\frac{24}{425}$	$\frac{401}{1275}$	$\frac{437}{1275}$	$\Phi_{1275}\ \Phi_{425}^2\ \Phi_{255}\ \Phi_{85}^2\ \Phi_{75}\ \Phi_{51}\ \Phi_{25}\ \Phi_{17}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
124189	1676	630	$\frac{1}{105}$	$\frac{1}{5}$	$\frac{104}{315}$	$\frac{211}{630}$	$\Phi_{630}^4\ \Phi_{210}^4\ \Phi_{126}^4\ \Phi_{105}^4\ \Phi_{90}^4\ \Phi_{70}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
124190	1676	627	$\frac{1}{209}$	$\frac{208}{627}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{627}^3\ \Phi_{209}^2\ \Phi_{57}^3\ \Phi_{33}^3\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_3^4\ \Phi_1^4$
124191	1676	429	$\frac{10}{429}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{429}^4\ \Phi_{143}^4\ \Phi_{39}^4\ \Phi_{33}^3\ \Phi_{13}^4\ \Phi_{11}^2\ \Phi_3^4\ \Phi_1^4$
124192	1676	456	$\frac{1}{38}$	$\frac{37}{456}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{456}^4\ \Phi_{228}^4\ \Phi_{152}^4\ \Phi_{114}^3\ \Phi_{76}^4\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{24}^4\ \Phi_{19}^2\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
124193	1676	1311	$\frac{18}{437}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1311}\ \Phi_{437}^2\ \Phi_{69}\ \Phi_{23}^2\ \Phi_3\ \Phi_1^2$
124194	1676	1320	$\frac{1}{22}$	$\frac{21}{440}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}^2\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
124195	1676	3120	$\frac{3}{208}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{205}{624}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{240}\ \Phi_{195}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
124196	1676	540	$\frac{1}{60}$	$\frac{1}{5}$	$\frac{121}{540}$	$\frac{59}{180}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{60}^4\ \Phi_{54}^4\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
124197	1676	2520	$\frac{1}{42}$	$\frac{85}{504}$	$\frac{1}{5}$	$\frac{41}{126}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
124198	1676	945	$\frac{4}{105}$	$\frac{107}{945}$	$\frac{1}{5}$	$\frac{101}{315}$	$\Phi_{945}^2\ \Phi_{315}\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
124199	1676	3060	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{193}{612}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{765}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
124200	1676	450	$\frac{1}{15}$	$\frac{31}{450}$	$\frac{1}{5}$	$\frac{14}{45}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
124201	1676	603	$\frac{3}{67}$	$\frac{17}{201}$	$\frac{16}{67}$	$\frac{184}{603}$	$\Phi_{603}^4\ \Phi_{67}\ \Phi_9^4\ \Phi_1^2$
124202	1676	600	$\frac{1}{25}$	$\frac{19}{200}$	$\frac{6}{25}$	$\frac{181}{600}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{150}^4\ \Phi_{120}^4\ \Phi_{75}^4\ \Phi_{60}^4\ \Phi_{30}^4\ \Phi_{25}^3\ \Phi_{24}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
124203	1676	600	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{1}{5}$	$\frac{181}{600}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{150}^4\ \Phi_{120}^4\ \Phi_{75}^4\ \Phi_{60}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
124204	1676	2940	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{1}{5}$	$\frac{169}{588}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{735}\ \Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
124205	1676	2160	$\frac{13}{432}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
124206	1676	555	$\frac{11}{555}$	$\frac{1}{5}$	$\frac{136}{555}$	$\frac{4}{15}$	$\Phi_{555}^3\ \Phi_{185}^3\ \Phi_{111}^3\ \Phi_{37}^3\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
124207	1676	855	$\frac{17}{855}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{171}^2\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{45}\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
124208	1676	469	$\frac{3}{67}$	$\frac{50}{469}$	$\frac{16}{67}$	$\frac{17}{67}$	$\Phi_{469}^4\ \Phi_{67}\ \Phi_7^4\ \Phi_1^2$
124209	1676	520	$\frac{3}{104}$	$\frac{101}{520}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{520}^3\ \Phi_{260}^3\ \Phi_{130}^3\ \Phi_{104}^4\ \Phi_{65}^3\ \Phi_{52}^4\ \Phi_{40}^3\ \Phi_{26}^4\ \Phi_{20}^4\ \Phi_{13}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
124210	1676	2160	$\frac{13}{432}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
124211	1676	2340	$\frac{3}{52}$	$\frac{49}{468}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{390}\ \Phi_{195}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
124212	1676	2240	$\frac{29}{448}$	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{320}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
124213	1676	2760	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{133}{552}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{920}\ \Phi_{460}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
124214	1676	500	$\frac{1}{25}$	$\frac{81}{500}$	$\frac{19}{100}$	$\frac{6}{25}$	$\Phi_{500}^4\ \Phi_{250}^4\ \Phi_{125}^4\ \Phi_{25}^3\ \Phi_5^3\ \Phi_1^4$
124215	1676	536	$\frac{3}{67}$	$\frac{17}{134}$	$\frac{117}{536}$	$\frac{16}{67}$	$\Phi_{536}^4\ \Phi_{268}^4\ \Phi_{67}\ \Phi_8^4\ \Phi_4^4\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
124216	1676	480	$\frac{1}{20}$	$\frac{61}{480}$	$\frac{1}{5}$	$\frac{19}{80}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
124217	1676	540	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{5}$	$\frac{121}{540}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
124218	1676	525	$\frac{4}{105}$	$\frac{101}{525}$	$\frac{1}{5}$	$\frac{106}{525}$	$\Phi_{525}^3\ \Phi_{175}^3\ \Phi_{105}^4\ \Phi_{75}^3\ \Phi_{35}^4\ \Phi_{25}^3\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
124219	1676	500	$\frac{1}{20}$	$\frac{81}{500}$	$\frac{19}{100}$	$\frac{1}{5}$	$\Phi_{500}^4\ \Phi_{250}^4\ \Phi_{125}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
124220	1676	450	$\frac{31}{450}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{5}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^2\ \Phi_{50}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{25}^2\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
124221	1676	495	$\frac{13}{165}$	$\frac{2}{15}$	$\frac{76}{495}$	$\frac{1}{5}$	$\Phi_{495}^4\ \Phi_{165}^2\ \Phi_{99}^4\ \Phi_{55}^2\ \Phi_{45}^4\ \Phi_{33}^2\ \Phi_{15}^4\ \Phi_{11}^2\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
124222	1677	3344	$\frac{5}{1672}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1667}{3344}$	$\Phi_{3344}\ \Phi_{304}\ \Phi_{176}\ \Phi_{16}\ \Phi_8\ \Phi_1$
124223	1677	2240	$\frac{3}{560}$	$\frac{1}{4}$	$\frac{563}{2240}$	$\frac{557}{1120}$	$\Phi_{2240}\ \Phi_{560}\ \Phi_{448}\ \Phi_{320}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{64}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
124224	1677	1112	$\frac{3}{556}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{553}{1112}$	$\Phi_{1112}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
124225	1677	2220	$\frac{4}{555}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{551}{1110}$	$\Phi_{2220}\ \Phi_{740}\ \Phi_{555}\ \Phi_{444}\ \Phi_{185}\ \Phi_{148}\ \Phi_{111}\ \Phi_{60}\ \Phi_{37}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
124226	1677	768	$\frac{1}{128}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{127}{256}$	$\Phi_{768}^4\ \Phi_{256}^5\ \Phi_{24}\ \Phi_8\ \Phi_1$
124227	1677	3840	$\frac{1}{128}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{127}{256}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{256}\ \Phi_{15}\ \Phi_5\ \Phi_1$
124228	1677	2304	$\frac{1}{128}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{127}{256}$	$\Phi_{2304}^2\ \Phi_{256}\ \Phi_{18}\ \Phi_9\ \Phi_1$
124229	1677	256	$\frac{1}{128}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{127}{256}$	$\Phi_{256}^{13}\ \Phi_{16}\ \Phi_8\ \Phi_1$
124230	1677	672	$\frac{1}{112}$	$\frac{113}{672}$	$\frac{1}{4}$	$\frac{111}{224}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
124231	1677	3320	$\frac{17}{1660}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1643}{3320}$	$\Phi_{3320}\ \Phi_{664}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
124232	1677	2212	$\frac{6}{553}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{547}{1106}$	$\Phi_{2212}\ \Phi_{553}\ \Phi_{316}\ \Phi_{79}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
124233	1677	640	$\frac{1}{80}$	$\frac{81}{640}$	$\frac{1}{4}$	$\frac{79}{160}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{128}^3\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
124234	1677	1104	$\frac{7}{552}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{545}{1104}$	$\Phi_{1104}^3\ \Phi_{368}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
124235	1677	3304	$\frac{25}{1652}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1627}{3304}$	$\Phi_{3304}\ \Phi_{472}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
124236	1677	1100	$\frac{9}{550}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{541}{1100}$	$\Phi_{1100}\ \Phi_{550}^2\ \Phi_{275}^2\ \Phi_{220}\ \Phi_{110}^2\ \Phi_{100}\ \Phi_{55}^2\ \Phi_{50}^2\ \Phi_{44}\ \Phi_{25}^2\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{11}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
124237	1677	3280	$\frac{37}{1640}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1603}{3280}$	$\Phi_{3280}\ \Phi_{656}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
124238	1677	1596	$\frac{1}{42}$	$\frac{1}{38}$	$\frac{37}{76}$	$\frac{41}{84}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{114}^2\ \Phi_{84}\ \Phi_{76}\ \Phi_{57}^2\ \Phi_{42}^2\ \Phi_{38}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{19}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
124239	1677	1596	$\frac{1}{42}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{41}{84}$	$\Phi_{1596}^2\ \Phi_{532}^2\ \Phi_{228}^2\ \Phi_{84}^3\ \Phi_{76}^2\ \Phi_{28}^3\ \Phi_{19}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
124240	1677	84	$\frac{1}{42}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{41}{84}$	$\Phi_{84}^{13}\ \Phi_{42}^{26}\ \Phi_{28}^{15}\ \Phi_{21}^{26}\ \Phi_{14}^{27}\ \Phi_{12}^{13}\ \Phi_7^{27}\ \Phi_6^{26}\ \Phi_4^{14}\ \Phi_3^{26}\ \Phi_2^{26}\ \Phi_1^{27}$
124241	1677	3420	$\frac{1}{38}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{180}\ \Phi_{76}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
124242	1677	4788	$\frac{1}{38}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{37}{76}$	$\Phi_{4788}\ \Phi_{684}\ \Phi_{252}\ \Phi_{76}\ \Phi_{63}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
124243	1677	1064	$\frac{1}{38}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{37}{76}$	$\Phi_{1064}^2\ \Phi_{266}^2\ \Phi_{152}^2\ \Phi_{133}^2\ \Phi_{76}\ \Phi_{56}^3\ \Phi_{38}^2\ \Phi_{28}\ \Phi_{19}^2\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
124244	1677	912	$\frac{1}{38}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{37}{76}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}\ \Phi_{57}^2\ \Phi_{48}^3\ \Phi_{38}^2\ \Phi_{24}^3\ \Phi_{19}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
124245	1677	3724	$\frac{1}{38}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{37}{76}$	$\Phi_{3724}\ \Phi_{196}\ \Phi_{76}\ \Phi_{49}\ \Phi_4\ \Phi_1$
124246	1677	1792	$\frac{3}{112}$	$\frac{115}{1792}$	$\frac{1}{4}$	$\frac{109}{224}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{128}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
124247	1677	1088	$\frac{15}{544}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{529}{1088}$	$\Phi_{1088}^3\ \Phi_{64}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
124248	1677	1750	$\frac{4}{125}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{121}{250}$	$\Phi_{1750}\ \Phi_{875}\ \Phi_{350}\ \Phi_{175}\ \Phi_{125}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{25}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
124249	1677	3248	$\frac{53}{1624}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{1571}{3248}$	$\Phi_{3248}\ \Phi_{464}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
124250	1677	1080	$\frac{19}{540}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{521}{1080}$	$\Phi_{1080}^{3}\ \Phi_{360}^{3}\ \Phi_{216}^{3}\ \Phi_{120}^{3}\ \Phi_{72}^{3}\ \Phi_{40}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
124251	1677	1760	$\frac{3}{80}$	$\frac{83}{1760}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{16}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
124252	1677	364	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{9}{52}$	$\frac{25}{52}$	$\Phi_{364}^{4}\ \Phi_{182}^{6}\ \Phi_{91}^{6}\ \Phi_{52}^{2}\ \Phi_{28}^{4}\ \Phi_{26}^{3}\ \Phi_{14}^{5}\ \Phi_{13}^{3}\ \Phi_{7}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
124253	1677	3200	$\frac{3}{80}$	$\frac{77}{1600}$	$\frac{1}{4}$	$\frac{1523}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
124254	1677	1064	$\frac{1}{28}$	$\frac{27}{532}$	$\frac{1}{4}$	$\frac{505}{1064}$	$\Phi_{1064}^{3}\ \Phi_{152}^{3}\ \Phi_{56}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
124255	1677	576	$\frac{17}{576}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{576}^{3}\ \Phi_{288}^{3}\ \Phi_{192}^{3}\ \Phi_{144}^{3}\ \Phi_{96}^{3}\ \Phi_{72}^{3}\ \Phi_{64}^{3}\ \Phi_{48}^{3}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{3}\ \Phi_{1}^{3}$
124256	1677	2100	$\frac{1}{35}$	$\frac{34}{525}$	$\frac{1}{4}$	$\frac{491}{1050}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{175}\ \Phi_{140}^{2}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{25}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
124257	1677	3136	$\frac{3}{112}$	$\frac{109}{1568}$	$\frac{1}{4}$	$\frac{1459}{3136}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
124258	1677	80	$\frac{1}{40}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{80}^{39}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{39}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
124259	1677	560	$\frac{1}{14}$	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{37}{80}$	$\Phi_{560}^{6}\ \Phi_{112}^{6}\ \Phi_{80}^{3}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{16}^{3}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
124260	1677	192	$\frac{1}{64}$	$\frac{1}{12}$	$\frac{21}{64}$	$\frac{11}{24}$	$\Phi_{192}^{8}\ \Phi_{96}^{8}\ \Phi_{64}^{10}\ \Phi_{48}^{8}\ \Phi_{32}^{10}\ \Phi_{24}^{9}\ \Phi_{16}^{10}\ \Phi_{12}^{8}\ \Phi_{8}^{11}\ \Phi_{6}^{8}\ \Phi_{4}^{10}\ \Phi_{3}^{8}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
124261	1677	264	$\frac{1}{44}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{264}^{12}\ \Phi_{88}^{12}\ \Phi_{44}^{3}\ \Phi_{24}^{9}\ \Phi_{22}^{3}\ \Phi_{11}^{3}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
124262	1677	480	$\frac{1}{32}$	$\frac{1}{12}$	$\frac{31}{160}$	$\frac{11}{24}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{5}\ \Phi_{120}^{4}\ \Phi_{80}^{5}\ \Phi_{60}^{4}\ \Phi_{40}^{5}\ \Phi_{30}^{4}\ \Phi_{24}\ \Phi_{20}^{5}\ \Phi_{15}^{4}\ \Phi_{10}^{5}\ \Phi_{8}\ \Phi_{5}^{5}\ \Phi_{1}$
124263	1677	408	$\frac{7}{136}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{408}^{4}\ \Phi_{204}^{4}\ \Phi_{136}^{5}\ \Phi_{102}^{4}\ \Phi_{68}^{5}\ \Phi_{51}^{4}\ \Phi_{34}^{5}\ \Phi_{24}\ \Phi_{17}^{5}\ \Phi_{8}\ \Phi_{1}$
124264	1677	48	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{5}{48}$	$\frac{11}{24}$	$\Phi_{48}^{35}\ \Phi_{24}^{36}\ \Phi_{16}^{34}\ \Phi_{12}^{35}\ \Phi_{8}^{35}\ \Phi_{6}^{35}\ \Phi_{4}^{34}\ \Phi_{3}^{35}\ \Phi_{2}^{34}\ \Phi_{1}^{35}$
124265	1677	3080	$\frac{3}{140}$	$\frac{137}{1540}$	$\frac{1}{4}$	$\frac{1403}{3080}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{140}\ \Phi_{88}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
124266	1677	140	$\frac{1}{14}$	$\frac{11}{140}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{140}^{11}\ \Phi_{70}^{13}\ \Phi_{35}^{13}\ \Phi_{28}^{11}\ \Phi_{20}^{12}\ \Phi_{14}^{12}\ \Phi_{10}^{13}\ \Phi_{7}^{12}\ \Phi_{5}^{13}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
124267	1677	546	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{35}{78}$	$\Phi_{546}^{3}\ \Phi_{273}^{3}\ \Phi_{182}^{4}\ \Phi_{91}^{4}\ \Phi_{42}^{3}\ \Phi_{39}^{3}\ \Phi_{26}\ \Phi_{21}^{3}\ \Phi_{14}^{3}\ \Phi_{13}^{3}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
124268	1677	1008	$\frac{1}{56}$	$\frac{55}{504}$	$\frac{1}{4}$	$\frac{449}{1008}$	$\Phi_{1008}^{3}\ \Phi_{336}^{3}\ \Phi_{144}^{3}\ \Phi_{112}^{3}\ \Phi_{56}^{3}\ \Phi_{48}^{3}\ \Phi_{28}^{3}\ \Phi_{16}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
124269	1677	1540	$\frac{1}{44}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}^{2}\ \Phi_{154}\ \Phi_{140}\ \Phi_{110}^{2}\ \Phi_{77}\ \Phi_{55}^{2}\ \Phi_{44}\ \Phi_{35}\ \Phi_{28}\ \Phi_{22}\ \Phi_{20}^{2}\ \Phi_{11}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
124270	1677	176	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{176}^{8}\ \Phi_{88}^{12}\ \Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_{16}^{6}\ \Phi_{11}^{11}\ \Phi_{8}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
124271	1677	980	$\frac{1}{70}$	$\frac{69}{490}$	$\frac{1}{4}$	$\frac{421}{980}$	$\Phi_{980}\ \Phi_{490}^{2}\ \Phi_{245}^{2}\ \Phi_{196}\ \Phi_{140}^{3}\ \Phi_{98}^{2}\ \Phi_{70}^{3}\ \Phi_{49}^{2}\ \Phi_{35}^{3}\ \Phi_{28}^{3}\ \Phi_{20}^{3}\ \Phi_{14}^{3}\ \Phi_{10}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
124272	1677	960	$\frac{1}{80}$	$\frac{79}{480}$	$\frac{1}{4}$	$\frac{401}{960}$	$\Phi_{960}^{3}\ \Phi_{320}^{3}\ \Phi_{192}^{3}\ \Phi_{80}^{3}\ \Phi_{64}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
124273	1677	1696	$\frac{19}{1696}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1696}\ \Phi_{848}\ \Phi_{424}\ \Phi_{212}\ \Phi_{106}\ \Phi_{53}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
124274	1677	2800	$\frac{3}{280}$	$\frac{277}{1400}$	$\frac{1}{4}$	$\frac{1123}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
124275	1677	704	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{704}^{4}\ \Phi_{88}^{4}\ \Phi_{64}^{3}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
124276	1677	1456	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{25}{104}$	$\frac{79}{208}$	$\Phi_{1456}^{2}\ \Phi_{208}\ \Phi_{182}^{2}\ \Phi_{112}^{2}\ \Phi_{91}^{2}\ \Phi_{26}\ \Phi_{16}\ \Phi_{14}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}$
124277	1677	896	$\frac{1}{112}$	$\frac{111}{448}$	$\frac{1}{4}$	$\frac{337}{896}$	$\Phi_{896}^{3}\ \Phi_{128}^{3}\ \Phi_{112}^{3}\ \Phi_{56}^{3}\ \Phi_{28}^{3}\ \Phi_{16}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
124278	1677	240	$\frac{1}{40}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}^{8}\ \Phi_{60}^{8}\ \Phi_{48}^{7}\ \Phi_{40}^{3}\ \Phi_{30}^{8}\ \Phi_{24}^{7}\ \Phi_{20}^{3}\ \Phi_{16}^{7}\ \Phi_{15}^{8}\ \Phi_{12}^{7}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{7}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
124279	1677	608	$\frac{5}{152}$	$\frac{49}{608}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{608}^{3}\ \Phi_{304}^{3}\ \Phi_{152}^{2}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{32}^{3}\ \Phi_{19}^{2}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
124280	1677	1760	$\frac{83}{1760}$	$\frac{5}{88}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
124281	1677	220	$\frac{1}{44}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{220}^{8}\,\Phi_{110}^{8}\,\Phi_{55}^{8}\,\Phi_{44}^{7}\,\Phi_{22}^{7}\,\Phi_{20}^{5}\,\Phi_{11}^{7}\,\Phi_{10}^{7}\,\Phi_{5}^{7}\,\Phi_{4}^{4}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
124282	1677	1320	$\frac{1}{40}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{1320}\,\Phi_{660}\,\Phi_{440}^{2}\,\Phi_{330}\,\Phi_{264}\,\Phi_{220}^{2}\,\Phi_{165}\,\Phi_{132}\,\Phi_{120}\,\Phi_{110}^{2}\,\Phi_{88}^{2}\,\Phi_{60}\,\Phi_{55}^{2}\,\Phi_{44}^{2}\,\Phi_{40}\,\Phi_{33}\,\Phi_{30}\,\Phi_{24}\,\Phi_{22}\,\Phi_{20}\,\Phi_{15}\,\Phi_{12}\,\Phi_{11}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
124283	1677	840	$\frac{1}{140}$	$\frac{1}{4}$	$\frac{139}{420}$	$\frac{281}{840}$	$\Phi_{840}^{3}\,\Phi_{280}^{3}\,\Phi_{168}^{3}\,\Phi_{140}^{3}\,\Phi_{120}^{3}\,\Phi_{70}^{3}\,\Phi_{56}^{3}\,\Phi_{40}^{3}\,\Phi_{35}^{3}\,\Phi_{28}^{3}\,\Phi_{24}^{3}\,\Phi_{20}^{3}\,\Phi_{14}^{3}\,\Phi_{10}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
124284	1677	960	$\frac{1}{64}$	$\frac{2}{15}$	$\frac{21}{64}$	$\frac{1}{3}$	$\Phi_{960}^{2}\,\Phi_{480}^{2}\,\Phi_{320}^{2}\,\Phi_{240}^{2}\,\Phi_{160}^{2}\,\Phi_{120}^{2}\,\Phi_{80}^{2}\,\Phi_{64}^{2}\,\Phi_{60}^{2}\,\Phi_{40}^{2}\,\Phi_{32}^{2}\,\Phi_{30}^{2}\,\Phi_{20}^{2}\,\Phi_{16}^{2}\,\Phi_{15}^{3}\,\Phi_{10}^{2}\,\Phi_{8}^{2}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
124285	1677	855	$\frac{2}{45}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{855}^{2}\,\Phi_{285}^{2}\,\Phi_{171}^{2}\,\Phi_{95}^{2}\,\Phi_{45}^{3}\,\Phi_{19}^{2}\,\Phi_{15}^{3}\,\Phi_{9}^{3}\,\Phi_{5}^{3}\,\Phi_{1}^{3}$
124286	1677	660	$\frac{1}{44}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^{3}\,\Phi_{330}^{3}\,\Phi_{220}^{3}\,\Phi_{165}^{3}\,\Phi_{110}^{3}\,\Phi_{60}^{2}\,\Phi_{55}^{3}\,\Phi_{44}^{3}\,\Phi_{30}^{2}\,\Phi_{22}^{3}\,\Phi_{20}^{2}\,\Phi_{15}^{3}\,\Phi_{11}^{3}\,\Phi_{10}^{2}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
124287	1677	1260	$\frac{2}{45}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1260}^{2}\,\Phi_{630}\,\Phi_{420}^{2}\,\Phi_{315}\,\Phi_{252}^{2}\,\Phi_{210}\,\Phi_{180}\,\Phi_{140}^{2}\,\Phi_{126}\,\Phi_{105}\,\Phi_{70}\,\Phi_{63}\,\Phi_{60}\,\Phi_{45}\,\Phi_{36}\,\Phi_{35}\,\Phi_{28}^{2}\,\Phi_{20}\,\Phi_{15}\,\Phi_{14}\,\Phi_{9}\,\Phi_{7}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
124288	1677	480	$\frac{1}{32}$	$\frac{2}{15}$	$\frac{31}{160}$	$\frac{1}{3}$	$\Phi_{480}^{3}\,\Phi_{240}^{3}\,\Phi_{160}^{4}\,\Phi_{120}^{3}\,\Phi_{96}^{4}\,\Phi_{80}^{4}\,\Phi_{60}^{3}\,\Phi_{48}^{4}\,\Phi_{40}^{4}\,\Phi_{32}^{4}\,\Phi_{30}^{3}\,\Phi_{24}^{4}\,\Phi_{20}^{4}\,\Phi_{16}^{4}\,\Phi_{15}^{4}\,\Phi_{12}^{4}\,\Phi_{10}^{4}\,\Phi_{8}^{4}\,\Phi_{6}^{4}\,\Phi_{5}^{5}\,\Phi_{4}^{4}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
124289	1677	2040	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2040}\,\Phi_{1020}\,\Phi_{680}\,\Phi_{510}\,\Phi_{340}\,\Phi_{255}\,\Phi_{170}\,\Phi_{136}\,\Phi_{85}\,\Phi_{68}\,\Phi_{34}\,\Phi_{17}\,\Phi_{15}\,\Phi_{5}\,\Phi_{1}$
124290	1677	240	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{240}^{8}\,\Phi_{120}^{8}\,\Phi_{80}^{8}\,\Phi_{60}^{8}\,\Phi_{48}^{3}\,\Phi_{40}^{8}\,\Phi_{30}^{8}\,\Phi_{24}^{3}\,\Phi_{20}^{8}\,\Phi_{16}^{2}\,\Phi_{15}^{9}\,\Phi_{12}^{3}\,\Phi_{10}^{8}\,\Phi_{8}^{2}\,\Phi_{6}^{3}\,\Phi_{5}^{9}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
124291	1677	720	$\frac{1}{80}$	$\frac{161}{720}$	$\frac{1}{4}$	$\frac{79}{240}$	$\Phi_{720}^{3}\,\Phi_{360}^{3}\,\Phi_{180}^{3}\,\Phi_{144}^{3}\,\Phi_{90}^{3}\,\Phi_{80}^{3}\,\Phi_{72}^{3}\,\Phi_{45}^{3}\,\Phi_{40}^{3}\,\Phi_{36}^{3}\,\Phi_{20}^{3}\,\Phi_{18}^{3}\,\Phi_{16}^{3}\,\Phi_{10}^{3}\,\Phi_{9}^{3}\,\Phi_{8}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
124292	1677	576	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{21}{64}$	$\Phi_{576}^{4}\,\Phi_{288}^{4}\,\Phi_{144}^{4}\,\Phi_{72}^{4}\,\Phi_{64}^{2}\,\Phi_{36}^{4}\,\Phi_{32}^{2}\,\Phi_{18}^{5}\,\Phi_{16}^{2}\,\Phi_{9}^{5}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
124293	1677	64	$\frac{1}{64}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{21}{64}$	$\Phi_{64}^{26}\,\Phi_{32}^{26}\,\Phi_{16}^{27}\,\Phi_{8}^{27}\,\Phi_{4}^{26}\,\Phi_{2}^{26}\,\Phi_{1}^{27}$
124294	1677	672	$\frac{1}{56}$	$\frac{113}{672}$	$\frac{1}{4}$	$\frac{55}{168}$	$\Phi_{672}^{3}\,\Phi_{336}^{3}\,\Phi_{224}^{3}\,\Phi_{112}^{3}\,\Phi_{96}^{3}\,\Phi_{56}^{3}\,\Phi_{48}^{3}\,\Phi_{32}^{3}\,\Phi_{28}^{3}\,\Phi_{16}^{3}\,\Phi_{14}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
124295	1677	1260	$\frac{1}{35}$	$\frac{71}{630}$	$\frac{1}{4}$	$\frac{34}{105}$	$\Phi_{1260}^{2}\,\Phi_{630}\,\Phi_{420}\,\Phi_{315}\,\Phi_{252}^{2}\,\Phi_{180}^{2}\,\Phi_{140}^{2}\,\Phi_{126}\,\Phi_{105}\,\Phi_{90}\,\Phi_{84}\,\Phi_{70}\,\Phi_{63}\,\Phi_{60}\,\Phi_{45}\,\Phi_{36}^{2}\,\Phi_{35}\,\Phi_{28}^{2}\,\Phi_{21}\,\Phi_{20}^{2}\,\Phi_{18}\,\Phi_{15}\,\Phi_{14}\,\Phi_{12}\,\Phi_{10}\,\Phi_{9}\,\Phi_{7}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
124296	1677	1197	$\frac{1}{21}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{20}{63}$	$\Phi_{1197}^{2}\,\Phi_{171}^{2}\,\Phi_{63}^{3}\,\Phi_{19}^{2}\,\Phi_{9}^{3}\,\Phi_{1}^{3}$
124297	1677	252	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{20}{63}$	$\Phi_{252}^{13}\,\Phi_{126}^{6}\,\Phi_{63}^{7}\,\Phi_{36}^{13}\,\Phi_{28}^{2}\,\Phi_{18}^{6}\,\Phi_{14}\,\Phi_{9}^{7}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
124298	1677	600	$\frac{1}{20}$	$\frac{41}{600}$	$\frac{1}{4}$	$\frac{19}{60}$	$\Phi_{600}^{3}\,\Phi_{300}^{3}\,\Phi_{200}^{3}\,\Phi_{150}^{3}\,\Phi_{120}^{3}\,\Phi_{100}^{3}\,\Phi_{75}^{3}\,\Phi_{50}^{3}\,\Phi_{40}^{3}\,\Phi_{25}^{3}\,\Phi_{24}^{3}\,\Phi_{20}^{3}\,\Phi_{10}^{3}\,\Phi_{8}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
124299	1677	1064	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{6}{19}$	$\Phi_{1064}^{2}\,\Phi_{532}^{2}\,\Phi_{152}^{2}\,\Phi_{76}^{2}\,\Phi_{56}^{3}\,\Phi_{28}^{3}\,\Phi_{19}^{2}\,\Phi_{8}^{3}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
124300	1677	912	$\frac{1}{19}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{6}{19}$	$\Phi_{912}^{2}\,\Phi_{456}^{2}\,\Phi_{304}^{2}\,\Phi_{228}^{2}\,\Phi_{152}^{2}\,\Phi_{76}^{2}\,\Phi_{48}^{3}\,\Phi_{24}^{3}\,\Phi_{19}^{2}\,\Phi_{16}^{3}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
124301	1677	931	$\frac{1}{19}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{6}{19}$	$\Phi_{931}^{2}\,\Phi_{49}^{3}\,\Phi_{19}^{2}\,\Phi_{1}^{3}$
124302	1677	816	$\frac{15}{272}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{257}{816}$	$\Phi_{816}^{3}\,\Phi_{408}^{3}\,\Phi_{204}^{3}\,\Phi_{102}^{3}\,\Phi_{51}^{3}\,\Phi_{48}^{3}\,\Phi_{24}^{3}\,\Phi_{16}^{3}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
124303	1677	588	$\frac{29}{588}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{588}^{3}\,\Phi_{294}^{3}\,\Phi_{196}^{3}\,\Phi_{147}^{3}\,\Phi_{98}^{3}\,\Phi_{84}\,\Phi_{49}^{3}\,\Phi_{42}^{2}\,\Phi_{28}^{3}\,\Phi_{21}^{2}\,\Phi_{14}^{3}\,\Phi_{12}\,\Phi_{7}^{3}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
124304	1677	364	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{9}{52}$	$\frac{4}{13}$	$\Phi_{364}^{6}\,\Phi_{182}^{4}\,\Phi_{91}^{4}\,\Phi_{52}^{3}\,\Phi_{28}^{6}\,\Phi_{26}\,\Phi_{14}^{3}\,\Phi_{13}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
124305	1677	800	$\frac{3}{80}$	$\frac{77}{800}$	$\frac{1}{4}$	$\frac{241}{800}$	$\Phi_{800}^{2}\,\Phi_{400}^{2}\,\Phi_{200}^{2}\,\Phi_{160}^{2}\,\Phi_{100}^{2}\,\Phi_{80}^{3}\,\Phi_{50}^{2}\,\Phi_{40}^{3}\,\Phi_{32}^{2}\,\Phi_{25}^{2}\,\Phi_{20}^{3}\,\Phi_{16}^{3}\,\Phi_{10}^{3}\,\Phi_{8}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
124306	1677	350	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{7}{50}$	$\frac{3}{10}$	$\Phi_{350}^{6}\,\Phi_{175}^{6}\,\Phi_{70}^{2}\,\Phi_{50}^{3}\,\Phi_{35}^{2}\,\Phi_{25}^{3}\,\Phi_{14}\,\Phi_{10}\,\Phi_{7}\,\Phi_{5}\,\Phi_{1}$
124307	1677	576	$\frac{17}{576}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{576}^{3}\,\Phi_{288}^{3}\,\Phi_{192}^{3}\,\Phi_{144}^{3}\,\Phi_{96}^{3}\,\Phi_{72}^{3}\,\Phi_{64}^{3}\,\Phi_{48}^{3}\,\Phi_{36}^{3}\,\Phi_{32}^{3}\,\Phi_{18}^{3}\,\Phi_{16}^{3}\,\Phi_{9}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
124308	1677	784	$\frac{3}{112}$	$\frac{109}{784}$	$\frac{1}{4}$	$\frac{225}{784}$	$\Phi_{784}^{2}\,\Phi_{392}^{2}\,\Phi_{196}^{2}\,\Phi_{112}^{3}\,\Phi_{98}^{2}\,\Phi_{56}^{3}\,\Phi_{49}^{2}\,\Phi_{28}^{3}\,\Phi_{16}^{3}\,\Phi_{14}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
124309	1677	120	$\frac{1}{40}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{120}^{20}\ \Phi_{60}^{19}\ \Phi_{40}^{3}\ \Phi_{30}^{19}\ \Phi_{24}^{20}\ \Phi_{20}^{3}\ \Phi_{15}^{19}\ \Phi_{12}^{19}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{19}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{19}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
124310	1677	420	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{60}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{105}^{6}\ \Phi_{84}^{6}\ \Phi_{70}^{2}\ \Phi_{60}^{3}\ \Phi_{42}^{6}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{21}^{6}\ \Phi_{15}^{3}\ \Phi_{14}\ \Phi_{12}^{3}\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}^{3}\ \Phi_{5}\ \Phi_{3}^{3}\ \Phi_{1}$
124311	1677	396	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{396}^{6}\ \Phi_{198}^{6}\ \Phi_{99}^{6}\ \Phi_{44}^{3}\ \Phi_{36}^{4}\ \Phi_{22}^{3}\ \Phi_{18}^{5}\ \Phi_{11}^{3}\ \Phi_{9}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
124312	1677	1440	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{31}{160}$	$\frac{5}{18}$	$\Phi_{1440}^{2}\ \Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{180}^{2}\ \Phi_{160}\ \Phi_{90}^{2}\ \Phi_{80}\ \Phi_{45}^{2}\ \Phi_{40}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
124313	1677	1224	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1224}^{2}\ \Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{153}^{2}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
124314	1677	144	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{144}^{16}\ \Phi_{72}^{16}\ \Phi_{48}^{3}\ \Phi_{36}^{16}\ \Phi_{24}^{3}\ \Phi_{18}^{17}\ \Phi_{16}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{17}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
124315	1677	1140	$\frac{11}{570}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1140}^{2}\ \Phi_{570}\ \Phi_{380}^{2}\ \Phi_{285}\ \Phi_{228}^{2}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}^{2}\ \Phi_{60}\ \Phi_{57}\ \Phi_{38}\ \Phi_{20}^{2}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
124316	1677	176	$\frac{1}{44}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{176}^{12}\ \Phi_{88}^{12}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{16}^{9}\ \Phi_{11}^{3}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
124317	1677	740	$\frac{4}{185}$	$\frac{1}{5}$	$\frac{181}{740}$	$\frac{1}{4}$	$\Phi_{740}^{2}\ \Phi_{370}^{2}\ \Phi_{185}^{3}\ \Phi_{148}^{2}\ \Phi_{74}^{2}\ \Phi_{37}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
124318	1677	640	$\frac{3}{80}$	$\frac{81}{640}$	$\frac{77}{320}$	$\frac{1}{4}$	$\Phi_{640}^{3}\ \Phi_{320}^{2}\ \Phi_{160}^{2}\ \Phi_{128}^{3}\ \Phi_{80}^{3}\ \Phi_{64}^{2}\ \Phi_{40}^{3}\ \Phi_{32}^{2}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
124319	1677	736	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{177}{736}$	$\frac{1}{4}$	$\Phi_{736}^{3}\ \Phi_{368}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
124320	1677	56	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{4}$	$\Phi_{56}^{39}\ \Phi_{28}^{15}\ \Phi_{14}^{27}\ \Phi_{8}^{39}\ \Phi_{7}^{27}\ \Phi_{4}^{14}\ \Phi_{2}^{26}\ \Phi_{1}^{27}$
124321	1677	720	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{161}{720}$	$\frac{1}{4}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{3}\ \Phi_{144}^{3}\ \Phi_{120}^{3}\ \Phi_{80}^{3}\ \Phi_{72}^{3}\ \Phi_{48}^{3}\ \Phi_{40}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
124322	1677	576	$\frac{17}{576}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{576}^{3}\ \Phi_{288}^{3}\ \Phi_{192}^{3}\ \Phi_{144}^{3}\ \Phi_{96}^{3}\ \Phi_{72}^{2}\ \Phi_{64}^{3}\ \Phi_{48}^{3}\ \Phi_{36}^{2}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
124323	1677	700	$\frac{1}{35}$	$\frac{34}{175}$	$\frac{141}{700}$	$\frac{1}{4}$	$\Phi_{700}^{2}\ \Phi_{350}^{2}\ \Phi_{175}^{3}\ \Phi_{140}^{3}\ \Phi_{100}^{2}\ \Phi_{70}^{3}\ \Phi_{50}^{2}\ \Phi_{35}^{3}\ \Phi_{28}^{3}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{14}^{3}\ \Phi_{10}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
124324	1677	160	$\frac{1}{32}$	$\frac{3}{16}$	$\frac{31}{160}$	$\frac{1}{4}$	$\Phi_{160}^{13}\ \Phi_{80}^{13}\ \Phi_{40}^{13}\ \Phi_{20}^{13}\ \Phi_{16}\ \Phi_{10}^{13}\ \Phi_{8}\ \Phi_{5}^{13}\ \Phi_{1}$
124325	1677	2000	$\frac{3}{80}$	$\frac{323}{2000}$	$\frac{77}{400}$	$\frac{1}{4}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
124326	1677	272	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{272}^{8}\ \Phi_{136}^{5}\ \Phi_{68}^{5}\ \Phi_{34}^{5}\ \Phi_{17}^{5}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
124327	1677	48	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{48}^{39}\ \Phi_{24}^{39}\ \Phi_{16}^{27}\ \Phi_{12}^{39}\ \Phi_{8}^{27}\ \Phi_{6}^{39}\ \Phi_{4}^{26}\ \Phi_{3}^{39}\ \Phi_{2}^{26}\ \Phi_{1}^{27}$
124328	1677	1792	$\frac{115}{1792}$	$\frac{13}{128}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
124329	1677	600	$\frac{41}{600}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{4}$	$\Phi_{600}^{3}\ \Phi_{300}^{3}\ \Phi_{200}^{3}\ \Phi_{150}^{3}\ \Phi_{120}^{3}\ \Phi_{100}\ \Phi_{75}^{3}\ \Phi_{60}^{3}\ \Phi_{50}^{2}\ \Phi_{40}^{3}\ \Phi_{30}^{3}\ \Phi_{25}^{2}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
124330	1677	336	$\frac{1}{14}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{336}^{6}\ \Phi_{168}^{6}\ \Phi_{112}^{6}\ \Phi_{84}^{2}\ \Phi_{56}^{6}\ \Phi_{48}^{3}\ \Phi_{42}^{4}\ \Phi_{28}^{4}\ \Phi_{24}^{3}\ \Phi_{21}^{4}\ \Phi_{16}^{3}\ \Phi_{14}^{5}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{7}^{5}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
124331	1677	660	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{660}$	$\frac{1}{4}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{220}\ \Phi_{165}^{3}\ \Phi_{132}^{3}\ \Phi_{110}^{2}\ \Phi_{66}^{3}\ \Phi_{60}^{3}\ \Phi_{55}^{2}\ \Phi_{44}\ \Phi_{33}^{3}\ \Phi_{30}^{3}\ \Phi_{22}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{11}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
124332	1677	196	$\frac{1}{14}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{196}^{13}\ \Phi_{98}^{6}\ \Phi_{49}^{7}\ \Phi_{28}^{2}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
124333	1677	1120	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{31}{160}$	$\frac{9}{40}$	$\Phi_{1120}^{2}\ \Phi_{560}^{2}\ \Phi_{224}^{2}\ \Phi_{160}\ \Phi_{112}^{2}\ \Phi_{80}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{32}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
124334	1677	350	$\frac{1}{14}$	$\frac{7}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{350}^{5}\ \Phi_{175}^{5}\ \Phi_{70}^{6}\ \Phi_{50}^{2}\ \Phi_{35}^{6}\ \Phi_{25}^{3}\ \Phi_{14}^{5}\ \Phi_{10}^{3}\ \Phi_{7}^{5}\ \Phi_{5}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
124335	1678	1674	$\frac{2}{837}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{835}{1674}$	$\Phi_{1674}^{2}\ \Phi_{558}^{2}\ \Phi_{186}^{2}\ \Phi_{62}^{2}\ \Phi_{54}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
124336	1678	3360	$\frac{1}{280}$	$\frac{281}{1120}$	$\frac{1}{3}$	$\frac{279}{560}$	$\Phi_{3360}\ \Phi_{840}\ \Phi_{672}\ \Phi_{480}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{96}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
124337	1678	5016	$\frac{3}{836}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{833}{1672}$	$\Phi_{5016}\ \Phi_{456}\ \Phi_{264}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
124338	1678	5010	$\frac{4}{835}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{831}{1670}$	$\Phi_{5010}\ \Phi_{1002}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
124339	1678	1008	$\frac{1}{168}$	$\frac{169}{1008}$	$\frac{1}{3}$	$\frac{167}{336}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{252}^{2}\ \Phi_{168}^{2}\ \Phi_{144}^{2}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
124340	1678	1668	$\frac{5}{834}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{829}{1668}$	$\Phi_{1668}^2\ \Phi_{556}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124341	1678	4998	$\frac{6}{833}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{827}{1666}$	$\Phi_{4998}\ \Phi_{714}\ \Phi_{294}\ \Phi_{102}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
124342	1678	1548	$\frac{1}{129}$	$\frac{65}{774}$	$\frac{709}{1548}$	$\frac{64}{129}$	$\Phi_{1548}^2\ \Phi_{516}^2\ \Phi_{172}^2\ \Phi_{129}\ \Phi_{43}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
124343	1678	1161	$\frac{1}{129}$	$\frac{65}{387}$	$\frac{322}{1161}$	$\frac{64}{129}$	$\Phi_{1161}^2\ \Phi_{129}\ \Phi_{43}\ \Phi_{27}^2\ \Phi_3\ \Phi_1^2$
124344	1678	1032	$\frac{1}{129}$	$\frac{193}{1032}$	$\frac{65}{258}$	$\frac{64}{129}$	$\Phi_{1032}^2\ \Phi_{516}^2\ \Phi_{344}^2\ \Phi_{172}^2\ \Phi_{129}\ \Phi_{43}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
124345	1678	1665	$\frac{13}{1665}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{826}{1665}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{333}\ \Phi_{185}\ \Phi_{111}\ \Phi_{45}\ \Phi_{37}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
124346	1678	960	$\frac{1}{120}$	$\frac{121}{960}$	$\frac{1}{3}$	$\frac{119}{240}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124347	1678	1664	$\frac{7}{832}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{825}{1664}$	$\Phi_{1664}^2\ \Phi_{128}^2\ \Phi_{13}\ \Phi_1^2$
124348	1678	4992	$\frac{7}{832}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{825}{1664}$	$\Phi_{4992}\ \Phi_{384}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
124349	1678	4980	$\frac{9}{830}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{821}{1660}$	$\Phi_{4980}\ \Phi_{996}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
124350	1678	1659	$\frac{19}{1659}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{820}{1659}$	$\Phi_{1659}\ \Phi_{553}\ \Phi_{237}\ \Phi_{79}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
124351	1678	1656	$\frac{11}{828}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{817}{1656}$	$\Phi_{1656}^2\ \Phi_{552}^2\ \Phi_{184}^2\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124352	1678	4956	$\frac{13}{826}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{813}{1652}$	$\Phi_{4956}\ \Phi_{708}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
124353	1678	1650	$\frac{14}{825}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{811}{1650}$	$\Phi_{1650}^2\ \Phi_{550}^2\ \Phi_{330}^2\ \Phi_{150}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124354	1678	2688	$\frac{1}{56}$	$\frac{57}{896}$	$\frac{1}{3}$	$\frac{55}{112}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
124355	1678	4920	$\frac{19}{820}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{801}{1640}$	$\Phi_{4920}\ \Phi_{984}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
124356	1678	1634	$\frac{1}{43}$	$\frac{22}{817}$	$\frac{795}{1634}$	$\frac{21}{43}$	$\Phi_{1634}^2\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{38}^2\ \Phi_2^2\ \Phi_1^2$
124357	1678	1638	$\frac{20}{819}$	$\frac{1}{39}$	$\frac{19}{39}$	$\frac{799}{1638}$	$\Phi_{1638}^2\ \Phi_{546}^2\ \Phi_{234}^2\ \Phi_{182}^2\ \Phi_{126}^2\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124358	1678	1638	$\frac{20}{819}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{799}{1638}$	$\Phi_{1638}^2\ \Phi_{546}^2\ \Phi_{234}^2\ \Phi_{182}^2\ \Phi_{126}^2\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{26}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124359	1678	2640	$\frac{1}{40}$	$\frac{41}{880}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
124360	1678	1092	$\frac{1}{39}$	$\frac{20}{273}$	$\frac{253}{1092}$	$\frac{19}{39}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{156}^2\ \Phi_{84}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124361	1678	936	$\frac{1}{39}$	$\frac{97}{936}$	$\frac{20}{117}$	$\frac{19}{39}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124362	1678	1632	$\frac{23}{816}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{793}{1632}$	$\Phi_{1632}^2\ \Phi_{544}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124363	1678	1625	$\frac{53}{1625}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{786}{1625}$	$\Phi_{1625}\ \Phi_{325}\ \Phi_{125}\ \Phi_{65}^2\ \Phi_{25}\ \Phi_{13}\ \Phi_5^2\ \Phi_1^2$
124364	1678	4872	$\frac{27}{812}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{785}{1624}$	$\Phi_{4872}\ \Phi_{696}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
124365	1678	1014	$\frac{6}{169}$	$\frac{1}{13}$	$\frac{175}{1014}$	$\frac{163}{338}$	$\Phi_{1014}^2\ \Phi_{507}^2\ \Phi_{169}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{13}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
124366	1678	1620	$\frac{1}{30}$	$\frac{29}{810}$	$\frac{1}{3}$	$\frac{781}{1620}$	$\Phi_{1620}^2\ \Phi_{540}^2\ \Phi_{324}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124367	1678	864	$\frac{25}{864}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124368	1678	4830	$\frac{1}{35}$	$\frac{34}{805}$	$\frac{1}{3}$	$\frac{771}{1610}$	$\Phi_{4830}\ \Phi_{966}\ \Phi_{690}\ \Phi_{210}\ \Phi_{138}\ \Phi_{105}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
124369	1678	4800	$\frac{1}{40}$	$\frac{39}{800}$	$\frac{1}{3}$	$\frac{761}{1600}$	$\Phi_{4800}\ \Phi_{960}\ \Phi_{192}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
124370	1678	1596	$\frac{1}{42}$	$\frac{41}{798}$	$\frac{1}{3}$	$\frac{757}{1596}$	$\Phi_{1596}^2\ \Phi_{532}^2\ \Phi_{228}^2\ \Phi_{84}^2\ \Phi_{76}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124371	1678	1575	$\frac{2}{105}$	$\frac{103}{1575}$	$\frac{1}{3}$	$\frac{736}{1575}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}^2\ \Phi_{75}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{25}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
124372	1678	4704	$\frac{1}{56}$	$\frac{55}{784}$	$\frac{1}{3}$	$\frac{729}{1568}$	$\Phi_{4704}\ \Phi_{672}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
124373	1678	1560	$\frac{1}{60}$	$\frac{59}{780}$	$\frac{1}{3}$	$\frac{721}{1560}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}^2\ \Phi_{120}^2\ \Phi_{104}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124374	1678	1560	$\frac{1}{39}$	$\frac{59}{780}$	$\frac{19}{78}$	$\frac{721}{1560}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}^2\ \Phi_{120}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{40}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124375	1678	1560	$\frac{59}{780}$	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{721}{1560}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}^2\ \Phi_{120}^2\ \Phi_{104}^2\ \Phi_{65}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_5^2\ \Phi_1^2$
124376	1678	1248	$\frac{7}{416}$	$\frac{1}{13}$	$\frac{409}{1248}$	$\frac{6}{13}$	$\Phi_{1248}^2\ \Phi_{624}^2\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{96}^2\ \Phi_{78}^2\ \Phi_{48}^2\ \Phi_{39}^2\ \Phi_{24}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
124377	1678	858	$\frac{19}{858}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{78}^2\ \Phi_{66}^2\ \Phi_{39}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{13}\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
124378	1678	1040	$\frac{7}{208}$	$\frac{1}{13}$	$\frac{201}{1040}$	$\frac{6}{13}$	$\Phi_{1040}^2\ \Phi_{520}^2\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{80}^2\ \Phi_{65}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
124379	1678	884	$\frac{45}{884}$	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{6}{13}$	$\Phi_{884}^2\ \Phi_{442}^2\ \Phi_{221}^2\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{13}\ \Phi_1^2$
124380	1678	936	$\frac{7}{104}$	$\frac{1}{13}$	$\frac{97}{936}$	$\frac{6}{13}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{39}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
124381	1678	1548	$\frac{1}{43}$	$\frac{65}{774}$	$\frac{21}{86}$	$\frac{709}{1548}$	$\Phi_{1548}^2\ \Phi_{516}^2\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
124382	1678	4620	$\frac{1}{70}$	$\frac{69}{770}$	$\frac{1}{3}$	$\frac{701}{1540}$	$\Phi_{4620}\ \Phi_{924}\ \Phi_{660}\ \Phi_{420}\ \Phi_{210}\ \Phi_{132}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
124383	1678	910	$\frac{1}{13}$	$\frac{71}{910}$	$\frac{6}{65}$	$\frac{59}{130}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{70}^2\ \Phi_{65}^2\ \Phi_{35}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_5^2\ \Phi_1^2$
124384	1678	1521	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{157}{1521}$	$\frac{682}{1521}$	$\Phi_{1521}\ \Phi_{507}\ \Phi_{169}^2\ \Phi_{117}\ \Phi_{39}\ \Phi_{13}\ \Phi_9\ \Phi_3\ \Phi_1^2$
124385	1678	1512	$\frac{1}{84}$	$\frac{83}{756}$	$\frac{1}{3}$	$\frac{673}{1512}$	$\Phi_{1512}^2\ \Phi_{504}^2\ \Phi_{216}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124386	1678	1505	$\frac{1}{43}$	$\frac{173}{1505}$	$\frac{42}{215}$	$\frac{666}{1505}$	$\Phi_{1505}\ \Phi_{301}\ \Phi_{215}^2\ \Phi_{43}\ \Phi_{35}\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
124387	1678	1032	$\frac{1}{43}$	$\frac{21}{172}$	$\frac{193}{1032}$	$\frac{151}{344}$	$\Phi_{1032}^2\ \Phi_{516}^2\ \Phi_{258}^2\ \Phi_{172}^2\ \Phi_{129}^2\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
124388	1678	2544	$\frac{9}{848}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2544}\ \Phi_{1272}\ \Phi_{636}\ \Phi_{318}\ \Phi_{159}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
124389	1678	1470	$\frac{1}{105}$	$\frac{104}{735}$	$\frac{1}{3}$	$\frac{631}{1470}$	$\Phi_{1470}^2\ \Phi_{490}^2\ \Phi_{294}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124390	1678	1440	$\frac{1}{120}$	$\frac{119}{720}$	$\frac{1}{3}$	$\frac{601}{1440}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124391	1678	4200	$\frac{1}{140}$	$\frac{139}{700}$	$\frac{1}{3}$	$\frac{561}{1400}$	$\Phi_{4200}\ \Phi_{840}\ \Phi_{600}\ \Phi_{420}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
124392	1678	1376	$\frac{1}{43}$	$\frac{21}{172}$	$\frac{151}{688}$	$\frac{537}{1376}$	$\Phi_{1376}^2\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{32}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
124393	1678	1352	$\frac{6}{169}$	$\frac{1}{13}$	$\frac{163}{676}$	$\frac{513}{1352}$	$\Phi_{1352}^2\ \Phi_{169}^2\ \Phi_{104}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
124394	1678	936	$\frac{1}{39}$	$\frac{97}{936}$	$\frac{19}{78}$	$\frac{59}{156}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124395	1678	1344	$\frac{1}{168}$	$\frac{167}{672}$	$\frac{1}{3}$	$\frac{505}{1344}$	$\Phi_{1344}^2\ \Phi_{448}^2\ \Phi_{192}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{64}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124396	1678	1290	$\frac{1}{43}$	$\frac{21}{215}$	$\frac{194}{645}$	$\frac{451}{1290}$	$\Phi_{1290}^2\ \Phi_{430}^2\ \Phi_{258}^2\ \Phi_{215}^2\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
124397	1678	1287	$\frac{1}{39}$	$\frac{38}{429}$	$\frac{391}{1287}$	$\frac{448}{1287}$	$\Phi_{1287}\ \Phi_{429}^2\ \Phi_{143}^2\ \Phi_{117}\ \Phi_{99}\ \Phi_{39}\ \Phi_{33}^2\ \Phi_{13}\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
124398	1678	1260	$\frac{1}{210}$	$\frac{209}{630}$	$\frac{1}{3}$	$\frac{421}{1260}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124399	1678	1116	$\frac{2}{279}$	$\frac{277}{1116}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{372}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124400	1678	846	$\frac{7}{846}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{846}^2\ \Phi_{423}^2\ \Phi_{282}^2\ \Phi_{141}^2\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124401	1678	930	$\frac{2}{93}$	$\frac{91}{930}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{310}^2\ \Phi_{186}^2\ \Phi_{155}^2\ \Phi_{62}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124402	1678	864	$\frac{25}{864}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
124403	1678	1080	$\frac{1}{120}$	$\frac{241}{1080}$	$\frac{119}{360}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124404	1678	1008	$\frac{1}{84}$	$\frac{169}{1008}$	$\frac{83}{252}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124405	1678	1248	$\frac{7}{416}$	$\frac{1}{8}$	$\frac{409}{1248}$	$\frac{1}{3}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}^2\ \Phi_{312}\ \Phi_{208}^2\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{48}\ \Phi_{39}\ \Phi_{32}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124406	1678	945	$\frac{2}{105}$	$\frac{106}{945}$	$\frac{103}{315}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
124407	1678	900	$\frac{1}{30}$	$\frac{61}{900}$	$\frac{29}{90}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124408	1678	882	$\frac{1}{21}$	$\frac{43}{882}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{294}^2\ \Phi_{147}^2\ \Phi_{126}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124409	1678	1224	$\frac{1}{24}$	$\frac{23}{408}$	$\frac{385}{1224}$	$\frac{1}{3}$	$\Phi_{1224}^2\ \Phi_{612}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124410	1678	864	$\frac{25}{864}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124411	1678	1200	$\frac{1}{40}$	$\frac{39}{400}$	$\frac{361}{1200}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}^2\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}^2\ \Phi_{150}\ \Phi_{120}^2\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124412	1678	855	$\frac{16}{855}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{171}^2\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{45}\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
124413	1678	1176	$\frac{1}{56}$	$\frac{55}{392}$	$\frac{337}{1176}$	$\frac{1}{3}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}^2\ \Phi_{294}\ \Phi_{196}^2\ \Phi_{168}^2\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124414	1678	912	$\frac{3}{76}$	$\frac{73}{912}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{48}^2\ \Phi_{38}^2\ \Phi_{24}^2\ \Phi_{19}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124415	1678	2640	$\frac{41}{880}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{165}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
124416	1678	1110	$\frac{13}{555}$	$\frac{2}{15}$	$\frac{271}{1110}$	$\frac{1}{3}$	$\Phi_{1110}^2\ \Phi_{555}\ \Phi_{370}^2\ \Phi_{222}^2\ \Phi_{185}\ \Phi_{111}\ \Phi_{74}^2\ \Phi_{37}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124417	1678	960	$\frac{1}{40}$	$\frac{121}{960}$	$\frac{39}{160}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}\ \Phi_{320}^2\ \Phi_{240}\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124418	1678	1104	$\frac{11}{276}$	$\frac{1}{12}$	$\frac{265}{1104}$	$\frac{1}{3}$	$\Phi_{1104}^2\ \Phi_{552}^2\ \Phi_{368}^2\ \Phi_{184}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124419	1678	1092	$\frac{1}{21}$	$\frac{20}{273}$	$\frac{253}{1092}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{156}^2\ \Phi_{84}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124420	1678	1080	$\frac{1}{30}$	$\frac{29}{270}$	$\frac{241}{1080}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124421	1678	864	$\frac{25}{864}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124422	1678	1050	$\frac{2}{105}$	$\frac{103}{525}$	$\frac{211}{1050}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}\ \Phi_{150}^2\ \Phi_{105}^2\ \Phi_{75}\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124423	1678	3000	$\frac{1}{40}$	$\frac{161}{1000}$	$\frac{39}{200}$	$\frac{1}{3}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{375}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
124424	1678	3120	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{201}{1040}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{240}\ \Phi_{195}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
124425	1678	900	$\frac{1}{15}$	$\frac{61}{900}$	$\frac{14}{75}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124426	1678	990	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{151}{990}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124427	1678	882	$\frac{43}{882}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{294}^2\ \Phi_{147}\ \Phi_{126}^2\ \Phi_{98}^2\ \Phi_{63}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124428	1678	2856	$\frac{6}{119}$	$\frac{113}{952}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{408}\ \Phi_{204}\ \Phi_{168}\ \Phi_{102}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
124429	1678	2688	$\frac{57}{896}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
124430	1678	936	$\frac{7}{104}$	$\frac{97}{936}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}\ \Phi_{234}^2\ \Phi_{156}\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124431	1678	1014	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{175}{1014}$	$\frac{157}{507}$	$\Phi_{1014}^2\ \Phi_{507}\ \Phi_{338}^2\ \Phi_{169}^2\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{13}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124432	1678	975	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{136}{975}$	$\frac{59}{195}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{75}^2\ \Phi_{65}^2\ \Phi_{25}^2\ \Phi_{13}\ \Phi_5^2\ \Phi_1^2$
124433	1678	1170	$\frac{1}{39}$	$\frac{59}{390}$	$\frac{19}{78}$	$\frac{331}{1170}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{90}^2\ \Phi_{78}^2\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
124434	1678	1170	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{59}{390}$	$\frac{331}{1170}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{90}^2\ \Phi_{65}^2\ \Phi_{45}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_5^2\ \Phi_1^2$
124435	1678	1032	$\frac{1}{43}$	$\frac{193}{1032}$	$\frac{21}{86}$	$\frac{65}{258}$	$\Phi_{1032}^2\ \Phi_{516}^2\ \Phi_{344}^2\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
124436	1678	1040	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{201}{1040}$	$\frac{59}{260}$	$\Phi_{1040}^2\ \Phi_{520}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{80}^2\ \Phi_{65}^2\ \Phi_{40}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_5^2\ \Phi_1^2$
124437	1678	975	$\frac{1}{13}$	$\frac{136}{975}$	$\frac{53}{325}$	$\frac{12}{65}$	$\Phi_{975}^2\ \Phi_{325}\ \Phi_{195}^2\ \Phi_{75}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
124438	1679	1584	$\frac{1}{72}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{71}{144}$	$\Phi_{1584}^2\ \Phi_{528}^2\ \Phi_{176}^2\ \Phi_{144}^3\ \Phi_{48}^3\ \Phi_{44}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
124439	1679	1584	$\frac{1}{72}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{71}{144}$	$\Phi_{1584}^2\ \Phi_{528}^2\ \Phi_{176}^2\ \Phi_{144}^3\ \Phi_{48}^3\ \Phi_{33}\ \Phi_{16}^3\ \Phi_3\ \Phi_1$
124440	1679	3300	$\frac{2}{75}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{300}\ \Phi_{220}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{44}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_5\ \Phi_4\ \Phi_1$
124441	1679	1188	$\frac{1}{36}$	$\frac{1}{22}$	$\frac{35}{108}$	$\frac{21}{44}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{297}^2\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{44}\ \Phi_{27}^3\ \Phi_4\ \Phi_1$
124442	1679	836	$\frac{3}{76}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{836}^2\ \Phi_{418}^2\ \Phi_{209}^2\ \Phi_{76}^3\ \Phi_{44}\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_4\ \Phi_1$
124443	1679	1056	$\frac{1}{24}$	$\frac{1}{22}$	$\frac{23}{96}$	$\frac{21}{44}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{176}^2\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{44}\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
124444	1679	1980	$\frac{1}{22}$	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{21}{44}$	$\Phi_{1980}^2\ \Phi_{660}^2\ \Phi_{220}^2\ \Phi_{180}^2\ \Phi_{90}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{44}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
124445	1679	1716	$\frac{1}{22}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{21}{44}$	$\Phi_{1716}^2\ \Phi_{572}^2\ \Phi_{156}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{44}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_4\ \Phi_1$
124446	1679	924	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{21}{44}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{84}^3\ \Phi_{77}^2\ \Phi_{44}\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4\ \Phi_1$
124447	1679	880	$\frac{1}{22}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{21}{44}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{176}^2\ \Phi_{110}^2\ \Phi_{80}^3\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
124448	1679	3564	$\frac{1}{22}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{21}{44}$	$\Phi_{3564}\ \Phi_{1188}\ \Phi_{324}\ \Phi_{108}\ \Phi_{81}\ \Phi_{44}\ \Phi_{27}\ \Phi_4\ \Phi_1$
124449	1679	1554	$\frac{1}{74}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1554}\ \Phi_{777}\ \Phi_{518}\ \Phi_{259}\ \Phi_{222}^2\ \Phi_{111}^2\ \Phi_{74}\ \Phi_{37}\ \Phi_{21}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
124450	1679	1184	$\frac{1}{74}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1184}^2\ \Phi_{296}^2\ \Phi_{148}^2\ \Phi_{74}\ \Phi_{37}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
124451	1679	1480	$\frac{1}{74}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1480}^2\ \Phi_{296}^2\ \Phi_{148}^2\ \Phi_{74}\ \Phi_{40}\ \Phi_{37}\ \Phi_8\ \Phi_4\ \Phi_1$
124452	1679	1332	$\frac{1}{74}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1332}^2\ \Phi_{444}^2\ \Phi_{222}^2\ \Phi_{148}^2\ \Phi_{111}^2\ \Phi_{74}\ \Phi_{37}\ \Phi_{36}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
124453	1679	825	$\frac{2}{75}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}^2\ \Phi_{75}^3\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{25}^3\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3\ \Phi_1$
124454	1679	1188	$\frac{1}{36}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{35}{108}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{297}^2\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{33}\ \Phi_{27}^3\ \Phi_3\ \Phi_1$
124455	1679	2508	$\frac{3}{76}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{627}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{33}\ \Phi_{19}\ \Phi_3\ \Phi_1$
124456	1679	1056	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{23}{96}$	$\frac{10}{33}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{176}^2\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{33}\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_3\ \Phi_1$
124457	1679	990	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{17}{90}$	$\frac{10}{33}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{90}^3\ \Phi_{55}^2\ \Phi_{45}^3\ \Phi_{33}\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_3\ \Phi_1$
124458	1679	858	$\frac{5}{78}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{33}\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_3\ \Phi_1$
124459	1679	924	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{84}$	$\frac{10}{33}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{84}^3\ \Phi_{77}^2\ \Phi_{42}^3\ \Phi_{33}\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_3\ \Phi_1$
124460	1679	2640	$\frac{7}{80}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{10}{33}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{240}\ \Phi_{165}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$
124461	1679	891	$\frac{1}{11}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{10}{33}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{81}^3\ \Phi_{33}\ \Phi_{27}^3\ \Phi_3\ \Phi_1$
124462	1680	1257	$\frac{1}{419}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{209}{419}$	$\Phi_{1257}\ \Phi_{419}^2\ \Phi_3^2\ \Phi_1^4$
124463	1680	1679	$\frac{5}{1679}$	$\frac{421}{1679}$	$\frac{629}{1679}$	$\frac{837}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
124464	1680	2680	$\frac{1}{335}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{167}{335}$	$\Phi_{2680}\ \Phi_{536}\ \Phi_{335}\ \Phi_{67}\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
124465	1680	2523	$\frac{3}{841}$	$\frac{211}{841}$	$\frac{1}{3}$	$\frac{419}{841}$	$\Phi_{2523}\ \Phi_{87}$
124466	1680	1395	$\frac{1}{279}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{139}{279}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}^2\ \Phi_{155}\ \Phi_{93}^2\ \Phi_{45}\ \Phi_{31}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
124467	1680	1116	$\frac{1}{279}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{139}{279}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{372}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
124468	1680	1679	$\frac{7}{1679}$	$\frac{281}{1679}$	$\frac{699}{1679}$	$\frac{836}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124469	1680	2868	$\frac{1}{239}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{119}{239}$	$\Phi_{2868}\ \Phi_{956}\ \Phi_{239}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
124470	1680	2151	$\frac{1}{239}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{119}{239}$	$\Phi_{2151}\ \Phi_{239}\ \Phi_9^2\ \Phi_1^2$
124471	1680	1463	$\frac{1}{209}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{104}{209}$	$\Phi_{1463}\ \Phi_{209}^2\ \Phi_{133}\ \Phi_{77}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
124472	1680	3135	$\frac{1}{209}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{104}{209}$	$\Phi_{3135}\ \Phi_{285}\ \Phi_{165}\ \Phi_{15}^2$
124473	1680	748	$\frac{1}{187}$	$\frac{1}{4}$	$\frac{47}{187}$	$\frac{93}{187}$	$\Phi_{748}^3\ \Phi_{374}^3\ \Phi_{68}^3\ \Phi_{44}^3\ \Phi_{34}^3\ \Phi_{22}^3\ \Phi_4^2\ \Phi_2^2$
124474	1680	1679	$\frac{9}{1679}$	$\frac{211}{1679}$	$\frac{734}{1679}$	$\frac{835}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124475	1680	1679	$\frac{9}{1679}$	$\frac{419}{1679}$	$\frac{422}{1679}$	$\frac{835}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124476	1680	2523	$\frac{5}{841}$	$\frac{141}{841}$	$\frac{1}{3}$	$\frac{418}{841}$	$\Phi_{2523}\ \Phi_{87}$
124477	1680	1503	$\frac{1}{167}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{83}{167}$	$\Phi_{1503}\ \Phi_{501}\ \Phi_{167}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
124478	1680	1002	$\frac{1}{167}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{83}{167}$	$\Phi_{1002}^2\ \Phi_{501}\ \Phi_{334}^2\ \Phi_{167}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
124479	1680	1679	$\frac{11}{1679}$	$\frac{169}{1679}$	$\frac{755}{1679}$	$\frac{834}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124480	1680	2105	$\frac{3}{421}$	$\frac{1}{5}$	$\frac{106}{421}$	$\frac{209}{421}$	Φ_{2105}
124481	1680	1529	$\frac{1}{139}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{69}{139}$	$\Phi_{1529}\ \Phi_{139}^2\ \Phi_{11}^2\ \Phi_1^4$
124482	1680	2919	$\frac{1}{139}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{69}{139}$	$\Phi_{2919}\ \Phi_{21}^2$
124483	1680	1529	$\frac{1}{139}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{69}{139}$	$\Phi_{1529}\ \Phi_{139}^2\ \Phi_{11}^2\ \Phi_1^4$
124484	1680	2780	$\frac{1}{139}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{69}{139}$	$\Phi_{2780}\ \Phi_{1390}\ \Phi_{20}^2\ \Phi_{10}^2$
124485	1680	1679	$\frac{13}{1679}$	$\frac{141}{1679}$	$\frac{769}{1679}$	$\frac{833}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124486	1680	1679	$\frac{13}{1679}$	$\frac{314}{1679}$	$\frac{423}{1679}$	$\frac{833}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124487	1680	2523	$\frac{7}{841}$	$\frac{106}{841}$	$\frac{1}{3}$	$\frac{417}{841}$	$\Phi_{2523}\ \Phi_{87}$
124488	1680	1547	$\frac{1}{119}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{59}{119}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}^2\ \Phi_{91}\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_1^4$
124489	1680	2856	$\frac{1}{119}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{59}{119}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{408}\ \Phi_{204}\ \Phi_{168}\ \Phi_{102}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
124490	1680	2022	$\frac{3}{337}$	$\frac{1}{6}$	$\frac{85}{337}$	$\frac{167}{337}$	$\Phi_{2022}\ \Phi_{1011}\ \Phi_{674}$
124491	1680	1679	$\frac{15}{1679}$	$\frac{121}{1679}$	$\frac{779}{1679}$	$\frac{832}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124492	1680	3108	$\frac{1}{111}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{55}{111}$	$\Phi_{3108}\ \Phi_{1036}\ \Phi_{444}\ \Phi_{148}\ \Phi_{111}\ \Phi_{84}\ \Phi_{37}\ \Phi_{28}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
124493	1680	777	$\frac{1}{111}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{55}{111}$	$\Phi_{777}^2\ \Phi_{259}^2\ \Phi_{111}^3\ \Phi_{37}^3\ \Phi_{21}^2\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
124494	1680	444	$\frac{1}{111}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{55}{111}$	$\Phi_{444}^5\ \Phi_{222}^2\ \Phi_{148}^5\ \Phi_{111}^3\ \Phi_{74}^2\ \Phi_{37}^3\ \Phi_{12}^7\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
124495	1680	3120	$\frac{1}{104}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{103}{208}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}^2\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
124496	1680	1872	$\frac{1}{104}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{103}{208}$	$\Phi_{1872}^2\ \Phi_{624}\ \Phi_{208}^2\ \Phi_{144}^2\ \Phi_{48}\ \Phi_{16}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
124497	1680	1040	$\frac{1}{104}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{103}{208}$	$\Phi_{1040}^3\ \Phi_{208}^4\ \Phi_{80}^3\ \Phi_{16}^4\ \Phi_5^3\ \Phi_1^4$
124498	1680	1679	$\frac{17}{1679}$	$\frac{212}{1679}$	$\frac{489}{1679}$	$\frac{831}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124499	1680	1679	$\frac{17}{1679}$	$\frac{251}{1679}$	$\frac{424}{1679}$	$\frac{831}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124500	1680	1967	$\frac{3}{281}$	$\frac{1}{7}$	$\frac{71}{281}$	$\frac{139}{281}$	Φ_{1967}
124501	1680	2523	$\frac{9}{841}$	$\frac{85}{841}$	$\frac{1}{3}$	$\frac{416}{841}$	$\Phi_{2523}\ \Phi_{87}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
124502	1680	1679	$\frac{19}{1679}$	$\frac{283}{1679}$	$\frac{349}{1679}$	$\frac{830}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124503	1680	2105	$\frac{5}{421}$	$\frac{71}{421}$	$\frac{1}{5}$	$\frac{208}{421}$	Φ_{2105}
124504	1680	1577	$\frac{1}{83}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{41}{83}$	$\Phi_{1577}\ \Phi_{83}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
124505	1680	2739	$\frac{1}{83}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{41}{83}$	$\Phi_{2739}\ \Phi_{33}^{2}$
124506	1680	1577	$\frac{1}{83}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{41}{83}$	$\Phi_{1577}\ \Phi_{83}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
124507	1680	2490	$\frac{1}{83}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{41}{83}$	$\Phi_{2490}\ \Phi_{1245}\ \Phi_{830}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
124508	1680	1928	$\frac{3}{241}$	$\frac{1}{8}$	$\frac{61}{241}$	$\frac{119}{241}$	$\Phi_{1928}\ \Phi_{964}\ \Phi_{482}$
124509	1680	2244	$\frac{7}{561}$	$\frac{71}{561}$	$\frac{1}{4}$	$\frac{277}{561}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{374}\ \Phi_{204}\ \Phi_{132}\ \Phi_{102}\ \Phi_{68}\ \Phi_{66}\ \Phi_{44}\ \Phi_{34}\ \Phi_{22}\ \Phi_{12}\ \Phi_{6}$
124510	1680	1679	$\frac{21}{1679}$	$\frac{85}{1679}$	$\frac{797}{1679}$	$\frac{829}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124511	1680	1679	$\frac{21}{1679}$	$\frac{170}{1679}$	$\frac{503}{1679}$	$\frac{829}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124512	1680	1679	$\frac{21}{1679}$	$\frac{209}{1679}$	$\frac{425}{1679}$	$\frac{829}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124513	1680	3160	$\frac{1}{79}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{39}{79}$	$\Phi_{3160}\ \Phi_{632}\ \Phi_{79}\ \Phi_{40}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
124514	1680	790	$\frac{1}{79}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{39}{79}$	$\Phi_{790}^{2}\ \Phi_{395}^{2}\ \Phi_{158}^{2}\ \Phi_{79}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
124515	1680	632	$\frac{1}{79}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{39}{79}$	$\Phi_{632}^{3}\ \Phi_{316}^{2}\ \Phi_{158}^{2}\ \Phi_{79}^{3}\ \Phi_{8}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
124516	1680	1975	$\frac{1}{79}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{39}{79}$	$\Phi_{1975}\ \Phi_{79}\ \Phi_{25}^{2}\ \Phi_{1}^{2}$
124517	1680	2523	$\frac{11}{841}$	$\frac{71}{841}$	$\frac{1}{3}$	$\frac{415}{841}$	$\Phi_{2523}\ \Phi_{87}$
124518	1680	803	$\frac{1}{73}$	$\frac{37}{803}$	$\frac{383}{803}$	$\frac{36}{73}$	$\Phi_{803}^{2}\ \Phi_{73}^{3}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
124519	1680	69	$\frac{1}{69}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{34}{69}$	$\Phi_{69}^{24}\ \Phi_{23}^{25}\ \Phi_{3}^{24}\ \Phi_{1}^{26}$
124520	1680	897	$\frac{1}{69}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{34}{69}$	$\Phi_{897}^{2}\ \Phi_{299}^{2}\ \Phi_{39}^{3}\ \Phi_{13}^{2}$
124521	1680	69	$\frac{1}{69}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{34}{69}$	$\Phi_{69}^{24}\ \Phi_{23}^{25}\ \Phi_{3}^{24}\ \Phi_{1}^{26}$
124522	1680	828	$\frac{1}{69}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{34}{69}$	$\Phi_{828}^{3}\ \Phi_{414}^{3}\ \Phi_{276}^{2}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{36}^{4}\ \Phi_{18}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
124523	1680	69	$\frac{1}{69}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{34}{69}$	$\Phi_{69}^{24}\ \Phi_{23}^{25}\ \Phi_{3}^{24}\ \Phi_{1}^{26}$
124524	1680	2415	$\frac{1}{69}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{34}{69}$	$\Phi_{2415}\ \Phi_{805}\ \Phi_{105}\ \Phi_{35}^{2}$
124525	1680	2022	$\frac{5}{337}$	$\frac{1}{6}$	$\frac{57}{337}$	$\frac{166}{337}$	$\Phi_{2022}\ \Phi_{1011}\ \Phi_{674}$
124526	1680	1679	$\frac{25}{1679}$	$\frac{71}{1679}$	$\frac{804}{1679}$	$\frac{827}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124527	1680	1679	$\frac{25}{1679}$	$\frac{179}{1679}$	$\frac{426}{1679}$	$\frac{827}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124528	1680	1679	$\frac{25}{1679}$	$\frac{279}{1679}$	$\frac{284}{1679}$	$\frac{827}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124529	1680	2523	$\frac{13}{841}$	$\frac{61}{841}$	$\frac{1}{3}$	$\frac{414}{841}$	$\Phi_{2523}\ \Phi_{87}$
124530	1680	748	$\frac{3}{187}$	$\frac{19}{187}$	$\frac{1}{4}$	$\frac{92}{187}$	$\Phi_{748}^{3}\ \Phi_{374}^{3}\ \Phi_{68}^{3}\ \Phi_{44}^{3}\ \Phi_{34}^{3}\ \Phi_{22}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
124531	1680	1593	$\frac{1}{59}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{29}{59}$	$\Phi_{1593}\ \Phi_{531}\ \Phi_{177}\ \Phi_{59}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
124532	1680	885	$\frac{1}{59}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{29}{59}$	$\Phi_{885}^{2}\ \Phi_{295}^{2}\ \Phi_{177}\ \Phi_{59}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
124533	1680	531	$\frac{1}{59}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{29}{59}$	$\Phi_{531}^{3}\ \Phi_{177}^{3}\ \Phi_{59}^{4}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
124534	1680	2360	$\frac{1}{59}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{29}{59}$	$\Phi_{2360}\ \Phi_{1180}\ \Phi_{590}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
124535	1680	1679	$\frac{29}{1679}$	$\frac{61}{1679}$	$\frac{809}{1679}$	$\frac{825}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124536	1680	1679	$\frac{29}{1679}$	$\frac{122}{1679}$	$\frac{519}{1679}$	$\frac{825}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124537	1680	1859	$\frac{3}{169}$	$\frac{1}{11}$	$\frac{43}{169}$	$\frac{83}{169}$	$\Phi_{1859}\ \Phi_{143}$
124538	1680	1595	$\frac{1}{55}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{27}{55}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}^{2}\ \Phi_{29}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
124539	1680	2640	$\frac{1}{55}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{27}{55}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{132}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{48}^{2}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
124540	1680	1595	$\frac{1}{55}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{27}{55}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}^{2}\ \Phi_{29}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
124541	1680	220	$\frac{1}{55}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{27}{55}$	$\Phi_{220}^{10}\ \Phi_{110}^{10}\ \Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_{20}^{10}\ \Phi_{10}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}$
124542	1680	1595	$\frac{1}{55}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{27}{55}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}^{2}\ \Phi_{29}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
124543	1680	2310	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{27}{55}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{231}\ \Phi_{210}\ \Phi_{154}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}$
124544	1680	1679	$\frac{31}{1679}$	$\frac{57}{1679}$	$\frac{811}{1679}$	$\frac{824}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124545	1680	1679	$\frac{31}{1679}$	$\frac{171}{1679}$	$\frac{377}{1679}$	$\frac{824}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124546	1680	612	$\frac{1}{51}$	$\frac{13}{153}$	$\frac{1}{4}$	$\frac{25}{51}$	$\Phi_{612}^{4}\ \Phi_{306}^{4}\ \Phi_{204}^{3}\ \Phi_{102}^{3}\ \Phi_{68}^{3}\ \Phi_{36}^{4}\ \Phi_{34}^{3}\ \Phi_{18}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
124547	1680	1679	$\frac{33}{1679}$	$\frac{107}{1679}$	$\frac{524}{1679}$	$\frac{823}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124548	1680	1679	$\frac{33}{1679}$	$\frac{214}{1679}$	$\frac{293}{1679}$	$\frac{823}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124549	1680	1928	$\frac{5}{241}$	$\frac{1}{8}$	$\frac{41}{241}$	$\frac{118}{241}$	$\Phi_{1928}\ \Phi_{964}\ \Phi_{482}$
124550	1680	2022	$\frac{7}{337}$	$\frac{43}{337}$	$\frac{1}{6}$	$\frac{165}{337}$	$\Phi_{2022}\ \Phi_{1011}\ \Phi_{674}$
124551	1680	3196	$\frac{1}{47}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{23}{47}$	$\Phi_{3196}\ \Phi_{188}\ \Phi_{68}^{2}\ \Phi_{47}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
124552	1680	2397	$\frac{1}{47}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{23}{47}$	$\Phi_{2397}\ \Phi_{141}\ \Phi_{51}^{2}\ \Phi_{47}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
124553	1680	611	$\frac{1}{47}$	$\frac{1}{13}$	$\frac{12}{47}$	$\frac{23}{47}$	$\Phi_{611}^{3}\ \Phi_{13}^{2}$
124554	1680	799	$\frac{1}{47}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{23}{47}$	$\Phi_{799}^{2}\ \Phi_{47}^{3}\ \Phi_{17}^{4}\ \Phi_{1}^{6}$
124555	1680	1128	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{23}{47}$	$\Phi_{1128}^{2}\ \Phi_{564}^{2}\ \Phi_{376}\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{47}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
124556	1680	2105	$\frac{9}{421}$	$\frac{43}{421}$	$\frac{1}{5}$	$\frac{206}{421}$	Φ_{2105}
124557	1680	1679	$\frac{37}{1679}$	$\frac{125}{1679}$	$\frac{429}{1679}$	$\frac{821}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124558	1680	1679	$\frac{37}{1679}$	$\frac{143}{1679}$	$\frac{384}{1679}$	$\frac{821}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124559	1680	1679	$\frac{37}{1679}$	$\frac{199}{1679}$	$\frac{286}{1679}$	$\frac{821}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124560	1680	2523	$\frac{19}{841}$	$\frac{43}{841}$	$\frac{1}{3}$	$\frac{411}{841}$	$\Phi_{2523}\ \Phi_{87}$
124561	1680	2244	$\frac{13}{561}$	$\frac{41}{561}$	$\frac{1}{4}$	$\frac{274}{561}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{374}\ \Phi_{204}\ \Phi_{132}\ \Phi_{102}\ \Phi_{68}\ \Phi_{66}\ \Phi_{44}\ \Phi_{34}\ \Phi_{22}\ \Phi_{12}\ \Phi_{6}$
124562	1680	1899	$\frac{5}{211}$	$\frac{1}{9}$	$\frac{36}{211}$	$\frac{103}{211}$	$\Phi_{1899}\ \Phi_{633}$
124563	1680	1599	$\frac{1}{41}$	$\frac{1}{39}$	$\frac{19}{39}$	$\frac{20}{41}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}^{2}\ \Phi_{39}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
124564	1680	861	$\frac{1}{41}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{861}^{2}\ \Phi_{287}^{2}\ \Phi_{123}\ \Phi_{41}^{2}\ \Phi_{21}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
124565	1680	533	$\frac{1}{41}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{20}{41}$	$\Phi_{533}^{3}\ \Phi_{41}^{4}\ \Phi_{13}^{6}\ \Phi_{1}^{8}$
124566	1680	2255	$\frac{1}{41}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{20}{41}$	$\Phi_{2255}\ \Phi_{55}^{2}$
124567	1680	1599	$\frac{1}{41}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{20}{41}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}^{2}\ \Phi_{39}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
124568	1680	738	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{20}{41}$	$\Phi_{738}^{3}\ \Phi_{369}^{2}\ \Phi_{246}^{2}\ \Phi_{123}\ \Phi_{82}^{2}\ \Phi_{41}^{2}\ \Phi_{18}^{6}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
124569	1680	1679	$\frac{41}{1679}$	$\frac{43}{1679}$	$\frac{818}{1679}$	$\frac{819}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124570	1680	1679	$\frac{41}{1679}$	$\frac{86}{1679}$	$\frac{531}{1679}$	$\frac{819}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124571	1680	1679	$\frac{41}{1679}$	$\frac{215}{1679}$	$\frac{244}{1679}$	$\frac{819}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124572	1680	1815	$\frac{3}{121}$	$\frac{1}{15}$	$\frac{31}{121}$	$\frac{59}{121}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{363}\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}$
124573	1680	1967	$\frac{7}{281}$	$\frac{36}{281}$	$\frac{1}{7}$	$\frac{137}{281}$	Φ_{1967}
124574	1680	1679	$\frac{43}{1679}$	$\frac{123}{1679}$	$\frac{389}{1679}$	$\frac{818}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124575	1680	1679	$\frac{43}{1679}$	$\frac{174}{1679}$	$\frac{287}{1679}$	$\frac{818}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124576	1680	858	$\frac{1}{39}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{858}^{2}\ \Phi_{429}^{2}\ \Phi_{286}^{2}\ \Phi_{143}^{2}\ \Phi_{78}^{2}\ \Phi_{66}^{3}\ \Phi_{33}^{3}\ \Phi_{26}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
124577	1680	1599	$\frac{1}{39}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{19}{39}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}^{2}\ \Phi_{39}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
124578	1680	780	$\frac{1}{39}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{19}{39}$	$\Phi_{780}^{3}\ \Phi_{390}^{3}\ \Phi_{260}^{3}\ \Phi_{156}^{2}\ \Phi_{130}^{3}\ \Phi_{78}^{2}\ \Phi_{60}^{4}\ \Phi_{52}^{2}\ \Phi_{30}^{4}\ \Phi_{26}^{2}\ \Phi_{20}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
124579	1680	1599	$\frac{1}{39}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{19}{39}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
124580	1680	2184	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{19}{39}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{182}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
124581	1680	2105	$\frac{11}{421}$	$\frac{36}{421}$	$\frac{1}{5}$	$\frac{205}{421}$	Φ_{2105}
124582	1680	1808	$\frac{3}{113}$	$\frac{1}{16}$	$\frac{29}{113}$	$\frac{55}{113}$	$\Phi_{1808}\ \Phi_{904}\ \Phi_{452}\ \Phi_{226}$
124583	1680	748	$\frac{5}{187}$	$\frac{12}{187}$	$\frac{1}{4}$	$\frac{91}{187}$	$\Phi_{748}^3\ \Phi_{374}^3\ \Phi_{68}^3\ \Phi_{44}^3\ \Phi_{34}^3\ \Phi_{22}^3\ \Phi_4^2\ \Phi_2^2$
124584	1680	1679	$\frac{45}{1679}$	$\frac{104}{1679}$	$\frac{431}{1679}$	$\frac{817}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124585	1680	2523	$\frac{23}{841}$	$\frac{36}{841}$	$\frac{1}{3}$	$\frac{409}{841}$	$\Phi_{2523}\ \Phi_{87}$
124586	1680	1928	$\frac{7}{241}$	$\frac{1}{8}$	$\frac{31}{241}$	$\frac{117}{241}$	$\Phi_{1928}\ \Phi_{964}\ \Phi_{482}$
124587	1680	1679	$\frac{49}{1679}$	$\frac{144}{1679}$	$\frac{307}{1679}$	$\frac{815}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124588	1680	1679	$\frac{49}{1679}$	$\frac{209}{1679}$	$\frac{216}{1679}$	$\frac{815}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124589	1680	5100	$\frac{1}{34}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{5100}\ \Phi_{1020}\ \Phi_{300}\ \Phi_{75}\ \Phi_{60}\ \Phi_{15}$
124590	1680	3196	$\frac{1}{34}$	$\frac{2}{47}$	$\frac{15}{47}$	$\frac{33}{68}$	$\Phi_{3196}\ \Phi_{188}\ \Phi_{68}^2\ \Phi_{47}\ \Phi_4^2\ \Phi_1^2$
124591	1680	68	$\frac{1}{34}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{68}^{17}\ \Phi_{34}^{33}\ \Phi_{17}^{32}\ \Phi_4^{16}\ \Phi_2^{32}\ \Phi_1^{32}$
124592	1680	3196	$\frac{1}{34}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{33}{68}$	$\Phi_{3196}\ \Phi_{188}\ \Phi_{68}^2\ \Phi_{47}\ \Phi_4^2\ \Phi_1^2$
124593	1680	4420	$\frac{1}{34}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{33}{68}$	$\Phi_{4420}\ \Phi_{260}\ \Phi_{65}$
124594	1680	3196	$\frac{1}{34}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{33}{68}$	$\Phi_{3196}\ \Phi_{188}\ \Phi_{68}^2\ \Phi_{47}\ \Phi_4^2\ \Phi_1^2$
124595	1680	4284	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{33}{68}$	$\Phi_{4284}\ \Phi_{1428}\ \Phi_{252}\ \Phi_{84}\ \Phi_{63}\ \Phi_{21}$
124596	1680	1859	$\frac{5}{169}$	$\frac{1}{11}$	$\frac{29}{169}$	$\frac{82}{169}$	$\Phi_{1859}\ \Phi_{143}$
124597	1680	1188	$\frac{1}{33}$	$\frac{17}{297}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{108}^2\ \Phi_{66}\ \Phi_{54}^2\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{22}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
124598	1680	1679	$\frac{51}{1679}$	$\frac{173}{1679}$	$\frac{251}{1679}$	$\frac{814}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124599	1680	2105	$\frac{13}{421}$	$\frac{31}{421}$	$\frac{1}{5}$	$\frac{204}{421}$	Φ_{2105}
124600	1680	1679	$\frac{53}{1679}$	$\frac{89}{1679}$	$\frac{433}{1679}$	$\frac{813}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124601	1680	1967	$\frac{9}{281}$	$\frac{29}{281}$	$\frac{1}{7}$	$\frac{136}{281}$	Φ_{1967}
124602	1680	2523	$\frac{27}{841}$	$\frac{31}{841}$	$\frac{1}{3}$	$\frac{407}{841}$	$\Phi_{2523}\ \Phi_{87}$
124603	1680	2022	$\frac{11}{337}$	$\frac{29}{337}$	$\frac{1}{6}$	$\frac{163}{337}$	$\Phi_{2022}\ \Phi_{1011}\ \Phi_{674}$
124604	1680	1679	$\frac{55}{1679}$	$\frac{139}{1679}$	$\frac{289}{1679}$	$\frac{812}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124605	1680	2244	$\frac{19}{561}$	$\frac{29}{561}$	$\frac{1}{4}$	$\frac{271}{561}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{374}\ \Phi_{204}\ \Phi_{132}\ \Phi_{102}\ \Phi_{68}\ \Phi_{66}\ \Phi_{44}\ \Phi_{34}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
124606	1680	1679	$\frac{57}{1679}$	$\frac{62}{1679}$	$\frac{539}{1679}$	$\frac{811}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124607	1680	1679	$\frac{57}{1679}$	$\frac{83}{1679}$	$\frac{434}{1679}$	$\frac{811}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124608	1680	1679	$\frac{57}{1679}$	$\frac{124}{1679}$	$\frac{311}{1679}$	$\frac{811}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124609	1680	87	$\frac{1}{29}$	$\frac{1}{29}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{87}^{29}\ \Phi_3^{28}$
124610	1680	1595	$\frac{1}{29}$	$\frac{3}{55}$	$\frac{13}{55}$	$\frac{14}{29}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}^2\ \Phi_{29}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
124611	1680	435	$\frac{1}{29}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{14}{29}$	$\Phi_{435}^4\ \Phi_{145}^3\ \Phi_{87}^4\ \Phi_{29}^4\ \Phi_{15}^8\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
124612	1680	957	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{14}{29}$	$\Phi_{957}^2\ \Phi_{319}\ \Phi_{87}^2\ \Phi_{33}^4\ \Phi_{29}^2\ \Phi_{11}^2\ \Phi_3^4\ \Phi_1^4$
124613	1680	1595	$\frac{1}{29}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{14}{29}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}^2\ \Phi_{29}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
124614	1680	2088	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{14}{29}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{522}\ \Phi_{348}\ \Phi_{174}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
124615	1680	1785	$\frac{3}{85}$	$\frac{1}{21}$	$\frac{22}{85}$	$\frac{41}{85}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}\ \Phi_{51}\ \Phi_{35}\ \Phi_{15}$
124616	1680	1679	$\frac{61}{1679}$	$\frac{87}{1679}$	$\frac{398}{1679}$	$\frac{809}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
124617	1680	1679	$\frac{61}{1679}$	$\frac{174}{1679}$	$\frac{215}{1679}$	$\frac{809}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124618	1680	837	$\frac{1}{31}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{837}^{2}\ \Phi_{279}^{2}\ \Phi_{93}^{3}\ \Phi_{31}^{2}$
124619	1680	1593	$\frac{2}{59}$	$\frac{1}{27}$	$\frac{19}{59}$	$\frac{13}{27}$	$\Phi_{1593}\ \Phi_{531}\ \Phi_{177}\ \Phi_{59}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
124620	1680	594	$\frac{1}{27}$	$\frac{1}{22}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{594}^{3}\ \Phi_{297}^{3}\ \Phi_{198}^{3}\ \Phi_{99}^{3}\ \Phi_{66}^{3}\ \Phi_{54}^{3}\ \Phi_{33}^{3}\ \Phi_{22}^{2}\ \Phi_{18}^{3}\ \Phi_{11}^{2}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
124621	1680	756	$\frac{1}{27}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{756}^{3}\ \Phi_{378}^{3}\ \Phi_{252}^{3}\ \Phi_{126}^{3}\ \Phi_{108}^{2}\ \Phi_{84}^{4}\ \Phi_{54}^{2}\ \Phi_{42}^{4}\ \Phi_{36}^{2}\ \Phi_{28}^{4}\ \Phi_{18}^{2}\ \Phi_{14}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
124622	1680	1593	$\frac{1}{27}$	$\frac{3}{59}$	$\frac{14}{59}$	$\frac{13}{27}$	$\Phi_{1593}\ \Phi_{531}\ \Phi_{177}\ \Phi_{59}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
124623	1680	2160	$\frac{1}{27}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{13}{27}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}^{2}\ \Phi_{60}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
124624	1680	1593	$\frac{1}{27}$	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{13}{27}$	$\Phi_{1593}\ \Phi_{531}\ \Phi_{177}\ \Phi_{59}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
124625	1680	702	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{13}{27}$	$\Phi_{702}^{3}\ \Phi_{351}^{2}\ \Phi_{234}^{3}\ \Phi_{117}^{2}\ \Phi_{78}^{4}\ \Phi_{39}^{3}\ \Phi_{26}^{4}\ \Phi_{13}^{2}$
124626	1680	1593	$\frac{1}{27}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{13}{27}$	$\Phi_{1593}\ \Phi_{531}\ \Phi_{177}\ \Phi_{59}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
124627	1680	2079	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{13}{27}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{231}\ \Phi_{77}^{2}$
124628	1680	1928	$\frac{9}{241}$	$\frac{25}{241}$	$\frac{1}{8}$	$\frac{116}{241}$	$\Phi_{1928}\ \Phi_{964}\ \Phi_{482}$
124629	1680	2022	$\frac{13}{337}$	$\frac{25}{337}$	$\frac{1}{6}$	$\frac{162}{337}$	$\Phi_{2022}\ \Phi_{1011}\ \Phi_{674}$
124630	1680	1679	$\frac{65}{1679}$	$\frac{109}{1679}$	$\frac{314}{1679}$	$\frac{807}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124631	1680	1815	$\frac{5}{121}$	$\frac{1}{15}$	$\frac{21}{121}$	$\frac{58}{121}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{363}\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}$
124632	1680	1859	$\frac{7}{169}$	$\frac{1}{11}$	$\frac{22}{169}$	$\frac{81}{169}$	$\Phi_{1859}\ \Phi_{143}$
124633	1680	1679	$\frac{71}{1679}$	$\frac{125}{1679}$	$\frac{259}{1679}$	$\frac{804}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124634	1680	1679	$\frac{71}{1679}$	$\frac{175}{1679}$	$\frac{188}{1679}$	$\frac{804}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124635	1680	1899	$\frac{9}{211}$	$\frac{22}{211}$	$\frac{1}{9}$	$\frac{101}{211}$	$\Phi_{1899}\ \Phi_{633}$
124636	1680	828	$\frac{1}{36}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{828}^{2}\ \Phi_{414}^{2}\ \Phi_{276}^{2}\ \Phi_{207}^{2}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{69}\ \Phi_{46}^{2}\ \Phi_{36}^{4}\ \Phi_{23}^{2}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
124637	1680	207	$\frac{2}{69}$	$\frac{1}{23}$	$\frac{67}{207}$	$\frac{11}{23}$	$\Phi_{207}^{12}\ \Phi_{23}\ \Phi_{9}^{12}\ \Phi_{1}^{2}$
124638	1680	437	$\frac{17}{437}$	$\frac{1}{23}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{437}^{4}\ \Phi_{23}\ \Phi_{19}^{4}\ \Phi_{1}^{2}$
124639	1680	46	$\frac{1}{23}$	$\frac{1}{23}$	$\frac{11}{46}$	$\frac{11}{23}$	$\Phi_{46}^{48}\ \Phi_{23}^{25}\ \Phi_{2}^{48}\ \Phi_{1}^{26}$
124640	1680	69	$\frac{1}{23}$	$\frac{4}{69}$	$\frac{13}{69}$	$\frac{11}{23}$	$\Phi_{69}^{24}\ \Phi_{23}^{25}\ \Phi_{3}^{24}\ \Phi_{1}^{26}$
124641	1680	299	$\frac{1}{23}$	$\frac{19}{299}$	$\frac{4}{23}$	$\frac{11}{23}$	$\Phi_{299}^{6}\ \Phi_{23}\ \Phi_{13}^{6}\ \Phi_{1}^{2}$
124642	1680	690	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{11}{23}$	$\Phi_{690}^{3}\ \Phi_{345}^{2}\ \Phi_{230}^{3}\ \Phi_{138}^{2}\ \Phi_{115}^{2}\ \Phi_{69}\ \Phi_{46}^{2}\ \Phi_{30}^{6}\ \Phi_{23}^{2}\ \Phi_{15}^{4}\ \Phi_{10}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
124643	1680	23	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{11}{23}$	$\Phi_{23}^{73}\ \Phi_{1}^{74}$
124644	1680	2024	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{11}{23}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{88}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}$
124645	1680	2022	$\frac{15}{337}$	$\frac{22}{337}$	$\frac{1}{6}$	$\frac{161}{337}$	$\Phi_{2022}\ \Phi_{1011}\ \Phi_{674}$
124646	1680	2105	$\frac{19}{421}$	$\frac{22}{421}$	$\frac{1}{5}$	$\frac{201}{421}$	Φ_{2105}
124647	1680	1928	$\frac{11}{241}$	$\frac{21}{241}$	$\frac{1}{8}$	$\frac{115}{241}$	$\Phi_{1928}\ \Phi_{964}\ \Phi_{482}$
124648	1680	1679	$\frac{62}{1679}$	$\frac{77}{1679}$	$\frac{439}{1679}$	$\frac{801}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124649	1680	1967	$\frac{13}{281}$	$\frac{21}{281}$	$\frac{1}{7}$	$\frac{134}{281}$	Φ_{1967}
124650	1680	2523	$\frac{22}{841}$	$\frac{39}{841}$	$\frac{1}{3}$	$\frac{401}{841}$	$\Phi_{2523}\ \Phi_{87}$
124651	1680	1679	$\frac{79}{1679}$	$\frac{99}{1679}$	$\frac{293}{1679}$	$\frac{800}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124652	1680	748	$\frac{7}{187}$	$\frac{9}{187}$	$\frac{1}{4}$	$\frac{89}{187}$	$\Phi_{748}^{3}\ \Phi_{374}^{3}\ \Phi_{68}^{3}\ \Phi_{44}^{3}\ \Phi_{34}^{3}\ \Phi_{22}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
124653	1680	1679	$\frac{44}{1679}$	$\frac{81}{1679}$	$\frac{545}{1679}$	$\frac{799}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124654	1680	1679	$\frac{59}{1679}$	$\frac{81}{1679}$	$\frac{440}{1679}$	$\frac{799}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
124655	1680	2523	$\frac{21}{841}$	$\frac{41}{841}$	$\frac{1}{3}$	$\frac{400}{841}$	$\Phi_{2523}\ \Phi_{87}$
124656	1680	1769	$\frac{1}{29}$	$\frac{3}{61}$	$\frac{16}{61}$	$\frac{29}{61}$	Φ_{1769}
124657	1680	4920	$\frac{1}{41}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{4920}\ \Phi_{984}\ \Phi_{123}$
124658	1680	3160	$\frac{3}{79}$	$\frac{1}{20}$	$\frac{19}{79}$	$\frac{19}{40}$	$\Phi_{3160}\ \Phi_{632}\ \Phi_{79}\ \Phi_{40}^2\ \Phi_{8}^2\ \Phi_{1}^2$
124659	1680	840	$\frac{1}{21}$	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{168}^4\ \Phi_{120}^4\ \Phi_{105}\ \Phi_{56}^4\ \Phi_{35}\ \Phi_{24}^4\ \Phi_{15}$
124660	1680	3160	$\frac{1}{20}$	$\frac{4}{79}$	$\frac{15}{79}$	$\frac{19}{40}$	$\Phi_{3160}\ \Phi_{632}\ \Phi_{79}\ \Phi_{40}^2\ \Phi_{8}^2\ \Phi_{1}^2$
124661	1680	2040	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{2040}^2\ \Phi_{680}\ \Phi_{408}^2\ \Phi_{136}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
124662	1680	3160	$\frac{1}{20}$	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{19}{40}$	$\Phi_{3160}\ \Phi_{632}\ \Phi_{79}\ \Phi_{40}^2\ \Phi_{8}^2\ \Phi_{1}^2$
124663	1680	3960	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{19}{40}$	$\Phi_{3960}\ \Phi_{1320}\ \Phi_{792}\ \Phi_{264}\ \Phi_{99}\ \Phi_{33}$
124664	1680	1679	$\frac{63}{1679}$	$\frac{85}{1679}$	$\frac{404}{1679}$	$\frac{797}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^2$
124665	1680	2451	$\frac{1}{43}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{2451}\ \Phi_{129}^2$
124666	1680	1577	$\frac{2}{83}$	$\frac{1}{19}$	$\frac{27}{83}$	$\frac{9}{19}$	$\Phi_{1577}\ \Phi_{83}^2\ \Phi_{19}^2\ \Phi_{1}^4$
124667	1680	589	$\frac{1}{31}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{589}^3\ \Phi_{31}^2$
124668	1680	2204	$\frac{1}{29}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{2204}\ \Phi_{1102}\ \Phi_{116}^2\ \Phi_{58}^2$
124669	1680	1577	$\frac{3}{83}$	$\frac{1}{19}$	$\frac{20}{83}$	$\frac{9}{19}$	$\Phi_{1577}\ \Phi_{83}^2\ \Phi_{19}^2\ \Phi_{1}^4$
124670	1680	2090	$\frac{1}{22}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{2090}\ \Phi_{1045}\ \Phi_{190}\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{10}^2$
124671	1680	1577	$\frac{1}{19}$	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{9}{19}$	$\Phi_{1577}\ \Phi_{83}^2\ \Phi_{19}^2\ \Phi_{1}^4$
124672	1680	1995	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{9}{19}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{21}^2$
124673	1680	1577	$\frac{1}{19}$	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{9}{19}$	$\Phi_{1577}\ \Phi_{83}^2\ \Phi_{19}^2\ \Phi_{1}^4$
124674	1680	1976	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{9}{19}$	$\Phi_{1976}\ \Phi_{988}\ \Phi_{494}\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{26}^2$
124675	1680	1679	$\frac{59}{1679}$	$\frac{91}{1679}$	$\frac{405}{1679}$	$\frac{794}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^2$
124676	1680	1679	$\frac{74}{1679}$	$\frac{97}{1679}$	$\frac{321}{1679}$	$\frac{791}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^2$
124677	1680	1679	$\frac{97}{1679}$	$\frac{111}{1679}$	$\frac{224}{1679}$	$\frac{791}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^2$
124678	1680	1815	$\frac{7}{121}$	$\frac{1}{15}$	$\frac{16}{121}$	$\frac{57}{121}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{363}\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}$
124679	1680	1156	$\frac{9}{289}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{1156}^2\ \Phi_{578}^2\ \Phi_{68}\ \Phi_{34}$
124680	1680	357	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{357}^5\ \Phi_{119}^5\ \Phi_{51}^5\ \Phi_{21}^4\ \Phi_{7}^4\ \Phi_{3}^4$
124681	1680	1679	$\frac{99}{1679}$	$\frac{127}{1679}$	$\frac{194}{1679}$	$\frac{790}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^2$
124682	1680	1679	$\frac{89}{1679}$	$\frac{101}{1679}$	$\frac{265}{1679}$	$\frac{789}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^2$
124683	1680	3234	$\frac{1}{49}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{3234}\ \Phi_{1078}\ \Phi_{462}\ \Phi_{294}\ \Phi_{154}\ \Phi_{147}\ \Phi_{98}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
124684	1680	132	$\frac{1}{33}$	$\frac{2}{33}$	$\frac{1}{4}$	$\frac{31}{66}$	$\Phi_{132}^{17}\ \Phi_{66}\ \Phi_{44}^{17}\ \Phi_{33}^{16}\ \Phi_{22}\ \Phi_{12}^{17}\ \Phi_{11}^{16}\ \Phi_{6}\ \Phi_{4}^{16}\ \Phi_{3}^{16}\ \Phi_{1}^{16}$
124685	1680	1764	$\frac{1}{36}$	$\frac{3}{49}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
124686	1680	1899	$\frac{13}{211}$	$\frac{16}{211}$	$\frac{1}{9}$	$\frac{99}{211}$	$\Phi_{1899}\ \Phi_{633}$
124687	1680	1808	$\frac{7}{113}$	$\frac{1}{16}$	$\frac{15}{113}$	$\frac{53}{113}$	$\Phi_{1808}\ \Phi_{904}\ \Phi_{452}\ \Phi_{226}$
124688	1680	1928	$\frac{15}{241}$	$\frac{16}{241}$	$\frac{1}{8}$	$\frac{113}{241}$	$\Phi_{1928}\ \Phi_{964}\ \Phi_{482}$
124689	1680	1679	$\frac{104}{1679}$	$\frac{105}{1679}$	$\frac{223}{1679}$	$\frac{787}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^2$
124690	1680	611	$\frac{3}{47}$	$\frac{1}{13}$	$\frac{5}{47}$	$\frac{22}{47}$	$\Phi_{611}^3\ \Phi_{13}^2$
124691	1680	2105	$\frac{16}{421}$	$\frac{27}{421}$	$\frac{1}{5}$	$\frac{197}{421}$	Φ_{2105}
124692	1680	1679	$\frac{44}{1679}$	$\frac{109}{1679}$	$\frac{447}{1679}$	$\frac{785}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^2$
124693	1680	1679	$\frac{109}{1679}$	$\frac{149}{1679}$	$\frac{153}{1679}$	$\frac{785}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
124694	1680	1859	$\frac{11}{169}$	$\frac{15}{169}$	$\frac{1}{11}$	$\frac{79}{169}$	$\Phi_{1859}\ \Phi_{143}$
124695	1680	2523	$\frac{16}{841}$	$\frac{55}{841}$	$\frac{1}{3}$	$\frac{393}{841}$	$\Phi_{2523}\ \Phi_{87}$
124696	1680	1679	$\frac{111}{1679}$	$\frac{125}{1679}$	$\frac{179}{1679}$	$\frac{784}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124697	1680	780	$\frac{1}{52}$	$\frac{1}{15}$	$\frac{17}{52}$	$\frac{7}{15}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}^{2}\ \Phi_{156}^{2}\ \Phi_{130}^{2}\ \Phi_{78}^{2}\ \Phi_{65}^{2}\ \Phi_{60}^{2}\ \Phi_{52}^{4}\ \Phi_{39}^{2}\ \Phi_{30}^{2}\ \Phi_{26}^{4}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{13}^{4}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
124698	1680	180	$\frac{1}{36}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{180}^{9}\ \Phi_{90}^{9}\ \Phi_{60}^{8}\ \Phi_{45}^{9}\ \Phi_{36}^{12}\ \Phi_{30}^{8}\ \Phi_{20}^{8}\ \Phi_{18}^{12}\ \Phi_{15}^{9}\ \Phi_{12}^{11}\ \Phi_{10}^{8}\ \Phi_{9}^{12}\ \Phi_{6}^{11}\ \Phi_{5}^{9}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
124699	1680	390	$\frac{1}{26}$	$\frac{1}{15}$	$\frac{5}{26}$	$\frac{7}{15}$	$\Phi_{390}^{4}\ \Phi_{195}^{4}\ \Phi_{130}^{4}\ \Phi_{78}^{4}\ \Phi_{65}^{4}\ \Phi_{39}^{4}\ \Phi_{30}^{4}\ \Phi_{26}^{8}\ \Phi_{15}^{5}\ \Phi_{13}^{8}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
124700	1680	330	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{330}^{5}\ \Phi_{165}^{5}\ \Phi_{110}^{5}\ \Phi_{66}^{7}\ \Phi_{55}^{5}\ \Phi_{33}^{7}\ \Phi_{30}^{2}\ \Phi_{22}^{6}\ \Phi_{15}^{3}\ \Phi_{11}^{6}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
124701	1680	780	$\frac{3}{52}$	$\frac{1}{15}$	$\frac{7}{52}$	$\frac{7}{15}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}^{2}\ \Phi_{156}^{2}\ \Phi_{130}^{2}\ \Phi_{78}^{2}\ \Phi_{65}^{2}\ \Phi_{60}^{2}\ \Phi_{52}^{4}\ \Phi_{39}^{2}\ \Phi_{30}^{2}\ \Phi_{26}^{4}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{13}^{4}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
124702	1680	240	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{15}$	$\Phi_{240}^{7}\ \Phi_{120}^{6}\ \Phi_{80}^{7}\ \Phi_{60}^{6}\ \Phi_{48}^{7}\ \Phi_{40}^{6}\ \Phi_{30}^{6}\ \Phi_{24}^{6}\ \Phi_{20}^{6}\ \Phi_{16}^{14}\ \Phi_{15}^{7}\ \Phi_{12}^{6}\ \Phi_{10}^{6}\ \Phi_{8}^{12}\ \Phi_{6}^{6}\ \Phi_{5}^{7}\ \Phi_{4}^{12}\ \Phi_{3}^{7}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
124703	1680	195	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{7}{15}$	$\Phi_{195}^{8}\ \Phi_{65}^{8}\ \Phi_{39}^{11}\ \Phi_{15}^{9}\ \Phi_{13}^{10}\ \Phi_{5}^{9}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
124704	1680	1679	$\frac{32}{1679}$	$\frac{113}{1679}$	$\frac{549}{1679}$	$\frac{783}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124705	1680	1679	$\frac{64}{1679}$	$\frac{113}{1679}$	$\frac{323}{1679}$	$\frac{783}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124706	1680	1679	$\frac{97}{1679}$	$\frac{113}{1679}$	$\frac{224}{1679}$	$\frac{783}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124707	1680	1967	$\frac{15}{281}$	$\frac{19}{281}$	$\frac{1}{7}$	$\frac{131}{281}$	Φ_{1967}
124708	1680	2022	$\frac{15}{337}$	$\frac{23}{337}$	$\frac{1}{6}$	$\frac{157}{337}$	$\Phi_{2022}\ \Phi_{1011}\ \Phi_{674}$
124709	1680	73	$\frac{3}{73}$	$\frac{5}{73}$	$\frac{13}{73}$	$\frac{34}{73}$	$\Phi_{73}^{23}\ \Phi_{1}^{24}$
124710	1680	2105	$\frac{15}{421}$	$\frac{29}{421}$	$\frac{1}{5}$	$\frac{196}{421}$	Φ_{2105}
124711	1680	748	$\frac{5}{187}$	$\frac{13}{187}$	$\frac{1}{4}$	$\frac{87}{187}$	$\Phi_{748}^{3}\ \Phi_{374}^{3}\ \Phi_{68}^{3}\ \Phi_{44}^{3}\ \Phi_{34}^{3}\ \Phi_{22}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
124712	1680	1679	$\frac{41}{1679}$	$\frac{117}{1679}$	$\frac{449}{1679}$	$\frac{781}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124713	1680	2523	$\frac{15}{841}$	$\frac{59}{841}$	$\frac{1}{3}$	$\frac{391}{841}$	$\Phi_{2523}\ \Phi_{87}$
124714	1680	1596	$\frac{1}{57}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{1596}^{2}\ \Phi_{532}^{2}\ \Phi_{228}^{2}\ \Phi_{84}\ \Phi_{76}^{2}\ \Phi_{57}^{2}\ \Phi_{28}^{2}\ \Phi_{19}^{2}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
124715	1680	1036	$\frac{1}{37}$	$\frac{1}{14}$	$\frac{9}{37}$	$\frac{13}{28}$	$\Phi_{1036}^{3}\ \Phi_{148}^{3}\ \Phi_{37}^{3}\ \Phi_{28}^{4}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
124716	1680	4060	$\frac{1}{29}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{4060}\ \Phi_{580}\ \Phi_{145}$
124717	1680	1036	$\frac{2}{37}$	$\frac{1}{14}$	$\frac{5}{37}$	$\frac{13}{28}$	$\Phi_{1036}^{3}\ \Phi_{148}^{3}\ \Phi_{37}^{3}\ \Phi_{28}^{4}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
124718	1680	952	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{28}$	$\Phi_{952}^{2}\ \Phi_{476}\ \Phi_{238}^{2}\ \Phi_{136}^{3}\ \Phi_{119}^{2}\ \Phi_{68}^{2}\ \Phi_{34}^{3}\ \Phi_{17}^{2}$
124719	1680	3108	$\frac{7}{111}$	$\frac{1}{14}$	$\frac{13}{111}$	$\frac{13}{28}$	$\Phi_{3108}\ \Phi_{1036}\ \Phi_{444}\ \Phi_{148}\ \Phi_{111}\ \Phi_{84}\ \Phi_{37}\ \Phi_{28}^{2}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
124720	1680	1260	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{28}$	$\Phi_{1260}^{3}\ \Phi_{420}^{2}\ \Phi_{252}^{2}\ \Phi_{180}^{3}\ \Phi_{140}^{2}\ \Phi_{84}\ \Phi_{60}^{2}\ \Phi_{45}^{3}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
124721	1680	1679	$\frac{90}{1679}$	$\frac{121}{1679}$	$\frac{227}{1679}$	$\frac{779}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124722	1680	1763	$\frac{1}{43}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	Φ_{1763}
124723	1680	1815	$\frac{1}{15}$	$\frac{9}{121}$	$\frac{13}{121}$	$\frac{56}{121}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{363}\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}$
124724	1680	1679	$\frac{43}{1679}$	$\frac{127}{1679}$	$\frac{409}{1679}$	$\frac{776}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124725	1680	1679	$\frac{127}{1679}$	$\frac{129}{1679}$	$\frac{155}{1679}$	$\frac{776}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124726	1680	2379	$\frac{1}{61}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{2379}\ \Phi_{183}^{2}$
124727	1680	1547	$\frac{2}{119}$	$\frac{1}{13}$	$\frac{39}{119}$	$\frac{6}{13}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}^{2}\ \Phi_{91}\ \Phi_{17}^{2}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
124728	1680	2132	$\frac{1}{41}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{2132}\ \Phi_{1066}\ \Phi_{164}^{2}\ \Phi_{82}^{2}$
124729	1680	1547	$\frac{3}{119}$	$\frac{1}{13}$	$\frac{29}{119}$	$\frac{6}{13}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}^{2}\ \Phi_{91}\ \Phi_{17}^{2}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
124730	1680	2015	$\frac{1}{31}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{2015}\ \Phi_{155}^2$
124731	1680	1547	$\frac{4}{119}$	$\frac{1}{13}$	$\frac{23}{119}$	$\frac{6}{13}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}^2\ \Phi_{91}\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_1^4$
124732	1680	1950	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{390}\ \Phi_{195}\ \Phi_{150}^2\ \Phi_{130}\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
124733	1680	1547	$\frac{5}{119}$	$\frac{1}{13}$	$\frac{19}{119}$	$\frac{6}{13}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}^2\ \Phi_{91}\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_1^4$
124734	1680	273	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{273}^6\ \Phi_{91}^5\ \Phi_{39}^6\ \Phi_{21}^{12}\ \Phi_{13}^6\ \Phi_7^{10}\ \Phi_3^{12}\ \Phi_1^{12}$
124735	1680	221	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{2}{17}$	$\frac{6}{13}$	$\Phi_{221}^7\ \Phi_{17}^{14}\ \Phi_{13}^8\ \Phi_1^{16}$
124736	1680	1872	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{6}{13}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{144}^2\ \Phi_{78}\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
124737	1680	1547	$\frac{9}{119}$	$\frac{1}{13}$	$\frac{11}{119}$	$\frac{6}{13}$	$\Phi_{1547}\ \Phi_{221}\ \Phi_{119}^2\ \Phi_{91}\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_1^4$
124738	1680	143	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{6}{13}$	$\Phi_{143}^{13}\ \Phi_{11}^{12}$
124739	1680	1679	$\frac{107}{1679}$	$\frac{131}{1679}$	$\frac{181}{1679}$	$\frac{774}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124740	1680	1928	$\frac{13}{241}$	$\frac{19}{241}$	$\frac{1}{8}$	$\frac{111}{241}$	$\Phi_{1928}\ \Phi_{964}\ \Phi_{482}$
124741	1680	2022	$\frac{13}{337}$	$\frac{27}{337}$	$\frac{1}{6}$	$\frac{155}{337}$	$\Phi_{2022}\ \Phi_{1011}\ \Phi_{674}$
124742	1680	1679	$\frac{35}{1679}$	$\frac{137}{1679}$	$\frac{454}{1679}$	$\frac{771}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124743	1680	1769	$\frac{1}{29}$	$\frac{5}{61}$	$\frac{11}{61}$	$\frac{28}{61}$	Φ_{1769}
124744	1680	2523	$\frac{13}{841}$	$\frac{69}{841}$	$\frac{1}{3}$	$\frac{386}{841}$	$\Phi_{2523}\ \Phi_{87}$
124745	1680	2352	$\frac{1}{49}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{112}\ \Phi_{98}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
124746	1680	1679	$\frac{26}{1679}$	$\frac{141}{1679}$	$\frac{551}{1679}$	$\frac{769}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124747	1680	1679	$\frac{65}{1679}$	$\frac{141}{1679}$	$\frac{269}{1679}$	$\frac{769}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124748	1680	1679	$\frac{76}{1679}$	$\frac{145}{1679}$	$\frac{229}{1679}$	$\frac{767}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124749	1680	1782	$\frac{1}{22}$	$\frac{7}{81}$	$\frac{11}{81}$	$\frac{37}{81}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{162}\ \Phi_{99}\ \Phi_{66}\ \Phi_{54}\ \Phi_{33}\ \Phi_{18}\ \Phi_6$
124750	1680	2343	$\frac{1}{71}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{2343}\ \Phi_{213}^2$
124751	1680	572	$\frac{3}{143}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{572}^4\ \Phi_{286}^4\ \Phi_{52}^4\ \Phi_{44}^3\ \Phi_{26}^4\ \Phi_{22}^3\ \Phi_4^2\ \Phi_2^2$
124752	1680	1529	$\frac{3}{139}$	$\frac{1}{11}$	$\frac{34}{139}$	$\frac{5}{11}$	$\Phi_{1529}\ \Phi_{139}^2\ \Phi_{11}^2\ \Phi_1^4$
124753	1680	1980	$\frac{1}{36}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}^2\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2$
124754	1680	1529	$\frac{4}{139}$	$\frac{1}{11}$	$\frac{27}{139}$	$\frac{5}{11}$	$\Phi_{1529}\ \Phi_{139}^2\ \Phi_{11}^2\ \Phi_1^4$
124755	1680	1914	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{1914}\ \Phi_{957}\ \Phi_{638}\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{58}^2$
124756	1680	1529	$\frac{6}{139}$	$\frac{1}{11}$	$\frac{19}{139}$	$\frac{5}{11}$	$\Phi_{1529}\ \Phi_{139}^2\ \Phi_{11}^2\ \Phi_1^4$
124757	1680	1848	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{168}^2\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{66}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_6^2$
124758	1680	1529	$\frac{9}{139}$	$\frac{1}{11}$	$\frac{13}{139}$	$\frac{5}{11}$	$\Phi_{1529}\ \Phi_{139}^2\ \Phi_{11}^2\ \Phi_1^4$
124759	1680	165	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{165}^{11}\ \Phi_{55}^{11}\ \Phi_{33}^{11}\ \Phi_{15}^{10}\ \Phi_5^{10}\ \Phi_3^{10}$
124760	1680	1833	$\frac{1}{13}$	$\frac{11}{141}$	$\frac{13}{141}$	$\frac{64}{141}$	$\Phi_{1833}\ \Phi_{611}\ \Phi_{39}$
124761	1680	1679	$\frac{129}{1679}$	$\frac{131}{1679}$	$\frac{155}{1679}$	$\frac{762}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124762	1680	1679	$\frac{109}{1679}$	$\frac{153}{1679}$	$\frac{157}{1679}$	$\frac{761}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124763	1680	3136	$\frac{1}{49}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{196}\ \Phi_{98}\ \Phi_{28}\ \Phi_{14}$
124764	1680	1928	$\frac{11}{241}$	$\frac{23}{241}$	$\frac{1}{8}$	$\frac{109}{241}$	$\Phi_{1928}\ \Phi_{964}\ \Phi_{482}$
124765	1680	73	$\frac{1}{73}$	$\frac{7}{73}$	$\frac{24}{73}$	$\frac{33}{73}$	$\Phi_{73}^{23}\ \Phi_1^{24}$
124766	1680	73	$\frac{3}{73}$	$\frac{7}{73}$	$\frac{10}{73}$	$\frac{33}{73}$	$\Phi_{73}^{23}\ \Phi_1^{24}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
124767	1680	1967	$\frac{11}{281}$	$\frac{27}{281}$	$\frac{1}{7}$	$\frac{127}{281}$	Φ_{1967}
124768	1680	1679	$\frac{49}{1679}$	$\frac{163}{1679}$	$\frac{307}{1679}$	$\frac{758}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124769	1680	2105	$\frac{11}{421}$	$\frac{41}{421}$	$\frac{1}{5}$	$\frac{190}{421}$	Φ_{2105}
124770	1680	204	$\frac{1}{51}$	$\frac{5}{51}$	$\frac{1}{4}$	$\frac{23}{51}$	$\Phi_{204}^{11}\ \Phi_{102}^{11}\ \Phi_{68}^{11}\ \Phi_{34}^{11}\ \Phi_{12}^{11}\ \Phi_{6}^{11}\ \Phi_{4}^{10}\ \Phi_{2}^{10}$
124771	1680	1679	$\frac{29}{1679}$	$\frac{165}{1679}$	$\frac{461}{1679}$	$\frac{757}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124772	1680	2523	$\frac{11}{841}$	$\frac{83}{841}$	$\frac{1}{3}$	$\frac{379}{841}$	$\Phi_{2523}\ \Phi_{87}$
124773	1680	1679	$\frac{44}{1679}$	$\frac{169}{1679}$	$\frac{327}{1679}$	$\frac{755}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124774	1680	1764	$\frac{1}{36}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
124775	1680	1769	$\frac{1}{61}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	Φ_{1769}
124776	1680	1679	$\frac{31}{1679}$	$\frac{181}{1679}$	$\frac{412}{1679}$	$\frac{749}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124777	1680	1679	$\frac{62}{1679}$	$\frac{181}{1679}$	$\frac{231}{1679}$	$\frac{749}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124778	1680	765	$\frac{1}{85}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{765}^{2}\ \Phi_{255}^{3}\ \Phi_{153}^{2}\ \Phi_{85}^{2}\ \Phi_{51}^{3}\ \Phi_{45}^{2}\ \Phi_{17}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
124779	1680	1503	$\frac{2}{167}$	$\frac{1}{9}$	$\frac{55}{167}$	$\frac{4}{9}$	$\Phi_{1503}\ \Phi_{501}\ \Phi_{167}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
124780	1680	684	$\frac{1}{57}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{684}^{3}\ \Phi_{342}^{3}\ \Phi_{228}^{4}\ \Phi_{114}^{4}\ \Phi_{76}^{4}\ \Phi_{38}^{4}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
124781	1680	1503	$\frac{3}{167}$	$\frac{1}{9}$	$\frac{41}{167}$	$\frac{4}{9}$	$\Phi_{1503}\ \Phi_{501}\ \Phi_{167}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
124782	1680	1935	$\frac{1}{43}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{215}^{2}$
124783	1680	1503	$\frac{5}{167}$	$\frac{1}{9}$	$\frac{27}{167}$	$\frac{4}{9}$	$\Phi_{1503}\ \Phi_{501}\ \Phi_{167}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
124784	1680	1827	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{203}^{2}$
124785	1680	1503	$\frac{6}{167}$	$\frac{1}{9}$	$\frac{23}{167}$	$\frac{4}{9}$	$\Phi_{1503}\ \Phi_{501}\ \Phi_{167}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
124786	1680	1800	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{200}^{2}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}^{2}\ \Phi_{90}\ \Phi_{60}\ \Phi_{50}^{2}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
124787	1680	1503	$\frac{7}{167}$	$\frac{1}{9}$	$\frac{20}{167}$	$\frac{4}{9}$	$\Phi_{1503}\ \Phi_{501}\ \Phi_{167}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
124788	1680	198	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{198}^{9}\ \Phi_{99}^{9}\ \Phi_{66}^{9}\ \Phi_{33}^{9}\ \Phi_{22}^{8}\ \Phi_{18}^{9}\ \Phi_{11}^{8}\ \Phi_{6}^{9}\ \Phi_{2}^{8}$
124789	1680	1503	$\frac{11}{167}$	$\frac{13}{167}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1503}\ \Phi_{501}\ \Phi_{167}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
124790	1680	585	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{585}^{3}\ \Phi_{195}^{4}\ \Phi_{117}^{2}\ \Phi_{65}^{4}\ \Phi_{39}^{3}\ \Phi_{13}^{2}$
124791	1680	1679	$\frac{39}{1679}$	$\frac{193}{1679}$	$\frac{328}{1679}$	$\frac{743}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124792	1680	1808	$\frac{1}{16}$	$\frac{9}{113}$	$\frac{13}{113}$	$\frac{50}{113}$	$\Phi_{1808}\ \Phi_{904}\ \Phi_{452}\ \Phi_{226}$
124793	1680	1763	$\frac{1}{41}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	Φ_{1763}
124794	1680	1679	$\frac{103}{1679}$	$\frac{134}{1679}$	$\frac{197}{1679}$	$\frac{741}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124795	1680	1679	$\frac{47}{1679}$	$\frac{201}{1679}$	$\frac{272}{1679}$	$\frac{739}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124796	1680	1679	$\frac{71}{1679}$	$\frac{188}{1679}$	$\frac{201}{1679}$	$\frac{739}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124797	1680	1775	$\frac{1}{71}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1775}\ \Phi_{355}$
124798	1680	1928	$\frac{9}{241}$	$\frac{29}{241}$	$\frac{1}{8}$	$\frac{106}{241}$	$\Phi_{1928}\ \Phi_{964}\ \Phi_{482}$
124799	1680	2022	$\frac{9}{337}$	$\frac{41}{337}$	$\frac{1}{6}$	$\frac{148}{337}$	$\Phi_{2022}\ \Phi_{1011}\ \Phi_{674}$
124800	1680	1679	$\frac{39}{1679}$	$\frac{205}{1679}$	$\frac{314}{1679}$	$\frac{737}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124801	1680	1767	$\frac{1}{31}$	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{25}{57}$	$\Phi_{1767}\ \Phi_{589}\ \Phi_{93}$
124802	1680	748	$\frac{3}{187}$	$\frac{23}{187}$	$\frac{1}{4}$	$\frac{82}{187}$	$\Phi_{748}^{3}\ \Phi_{374}^{3}\ \Phi_{68}^{3}\ \Phi_{44}^{3}\ \Phi_{34}^{3}\ \Phi_{22}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
124803	1680	146	$\frac{1}{73}$	$\frac{9}{73}$	$\frac{41}{146}$	$\frac{32}{73}$	$\Phi_{146}^{16}\ \Phi_{73}^{7}\ \Phi_{2}^{16}\ \Phi_{1}^{8}$
124804	1680	1679	$\frac{27}{1679}$	$\frac{211}{1679}$	$\frac{413}{1679}$	$\frac{734}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124805	1680	1679	$\frac{63}{1679}$	$\frac{202}{1679}$	$\frac{211}{1679}$	$\frac{734}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
124806	1680	1775	$\frac{1}{25}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{31}{71}$	$\Phi_{1775}\ \Phi_{355}$
124807	1680	1679	$\frac{79}{1679}$	$\frac{160}{1679}$	$\frac{217}{1679}$	$\frac{731}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^2$
124808	1680	1785	$\frac{1}{21}$	$\frac{8}{85}$	$\frac{11}{85}$	$\frac{37}{85}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}\ \Phi_{51}\ \Phi_{35}\ \Phi_{15}$
124809	1680	1679	$\frac{95}{1679}$	$\frac{132}{1679}$	$\frac{221}{1679}$	$\frac{729}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^2$
124810	1680	1808	$\frac{1}{16}$	$\frac{8}{113}$	$\frac{15}{113}$	$\frac{49}{113}$	$\Phi_{1808}\ \Phi_{904}\ \Phi_{452}\ \Phi_{226}$
124811	1680	1679	$\frac{17}{1679}$	$\frac{225}{1679}$	$\frac{554}{1679}$	$\frac{727}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^2$
124812	1680	1679	$\frac{34}{1679}$	$\frac{225}{1679}$	$\frac{329}{1679}$	$\frac{727}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^2$
124813	1680	1679	$\frac{104}{1679}$	$\frac{119}{1679}$	$\frac{225}{1679}$	$\frac{727}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^2$
124814	1680	1833	$\frac{8}{141}$	$\frac{1}{13}$	$\frac{19}{141}$	$\frac{61}{141}$	$\Phi_{1833}\ \Phi_{611}\ \Phi_{39}$
124815	1680	1859	$\frac{8}{169}$	$\frac{1}{11}$	$\frac{23}{169}$	$\frac{73}{169}$	$\Phi_{1859}\ \Phi_{143}$
124816	1680	1679	$\frac{76}{1679}$	$\frac{159}{1679}$	$\frac{229}{1679}$	$\frac{725}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^2$
124817	1680	1899	$\frac{8}{211}$	$\frac{1}{9}$	$\frac{29}{211}$	$\frac{91}{211}$	$\Phi_{1899}\ \Phi_{633}$
124818	1680	1679	$\frac{62}{1679}$	$\frac{191}{1679}$	$\frac{231}{1679}$	$\frac{724}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^2$
124819	1680	1679	$\frac{48}{1679}$	$\frac{233}{1679}$	$\frac{239}{1679}$	$\frac{723}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^2$
124820	1680	1967	$\frac{8}{281}$	$\frac{39}{281}$	$\frac{1}{7}$	$\frac{121}{281}$	Φ_{1967}
124821	1680	2022	$\frac{8}{337}$	$\frac{47}{337}$	$\frac{1}{6}$	$\frac{145}{337}$	$\Phi_{2022}\ \Phi_{1011}\ \Phi_{674}$
124822	1680	1679	$\frac{34}{1679}$	$\frac{235}{1679}$	$\frac{319}{1679}$	$\frac{722}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^2$
124823	1680	2105	$\frac{8}{421}$	$\frac{59}{421}$	$\frac{1}{5}$	$\frac{181}{421}$	Φ_{2105}
124824	1680	2244	$\frac{8}{561}$	$\frac{79}{561}$	$\frac{1}{4}$	$\frac{241}{561}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{374}\ \Phi_{204}\ \Phi_{132}\ \Phi_{102}\ \Phi_{68}\ \Phi_{66}\ \Phi_{44}\ \Phi_{34}\ \Phi_{22}\ \Phi_{12}\ \Phi_{6}$
124825	1680	1679	$\frac{20}{1679}$	$\frac{237}{1679}$	$\frac{479}{1679}$	$\frac{721}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^2$
124826	1680	2523	$\frac{8}{841}$	$\frac{119}{841}$	$\frac{1}{3}$	$\frac{361}{841}$	$\Phi_{2523}\ \Phi_{87}$
124827	1680	2226	$\frac{1}{106}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{2226}\ \Phi_{1113}\ \Phi_{318}^2\ \Phi_{159}^2\ \Phi_{42}\ \Phi_{6}^2$
124828	1680	1463	$\frac{2}{209}$	$\frac{1}{7}$	$\frac{69}{209}$	$\frac{3}{7}$	$\Phi_{1463}\ \Phi_{209}^2\ \Phi_{133}\ \Phi_{77}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{1}^4$
124829	1680	595	$\frac{1}{85}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{595}^3\ \Phi_{119}^3\ \Phi_{85}^2\ \Phi_{35}^3\ \Phi_{17}^2\ \Phi_{5}^2$
124830	1680	1988	$\frac{1}{71}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1988}\ \Phi_{994}\ \Phi_{284}^2\ \Phi_{142}^2$
124831	1680	1463	$\frac{4}{209}$	$\frac{1}{7}$	$\frac{41}{209}$	$\frac{3}{7}$	$\Phi_{1463}\ \Phi_{209}^2\ \Phi_{133}\ \Phi_{77}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{1}^4$
124832	1680	1806	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{602}\ \Phi_{258}^2\ \Phi_{129}^2\ \Phi_{86}^2$
124833	1680	1463	$\frac{5}{209}$	$\frac{1}{7}$	$\frac{34}{209}$	$\frac{3}{7}$	$\Phi_{1463}\ \Phi_{209}^2\ \Phi_{133}\ \Phi_{77}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{1}^4$
124834	1680	252	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{252}^7\ \Phi_{126}^7\ \Phi_{84}^7\ \Phi_{63}^7\ \Phi_{42}^7\ \Phi_{36}^6\ \Phi_{28}^7\ \Phi_{21}^7\ \Phi_{18}^6\ \Phi_{14}^7\ \Phi_{12}^6\ \Phi_{9}^6\ \Phi_{6}^6\ \Phi_{4}^6\ \Phi_{3}^6\ \Phi_{2}^6$
124835	1680	1463	$\frac{6}{209}$	$\frac{29}{209}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1463}\ \Phi_{209}^2\ \Phi_{133}\ \Phi_{77}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{1}^4$
124836	1680	1736	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{434}\ \Phi_{248}^2\ \Phi_{124}^2\ \Phi_{62}^2$
124837	1680	1463	$\frac{9}{209}$	$\frac{20}{209}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1463}\ \Phi_{209}^2\ \Phi_{133}\ \Phi_{77}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{1}^4$
124838	1680	154	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{154}^{10}\ \Phi_{77}^9\ \Phi_{22}^{20}\ \Phi_{14}^{10}\ \Phi_{11}^{18}\ \Phi_{7}^{10}\ \Phi_{2}^{20}\ \Phi_{1}^{20}$
124839	1680	266	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{266}^6\ \Phi_{133}^5\ \Phi_{38}^{12}\ \Phi_{19}^{10}\ \Phi_{14}^6\ \Phi_{7}^6\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
124840	1680	1463	$\frac{13}{209}$	$\frac{14}{209}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1463}\ \Phi_{209}^2\ \Phi_{133}\ \Phi_{77}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{1}^4$
124841	1680	1680	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}^2\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{84}\ \Phi_{80}^2\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{6}^2$
124842	1680	1679	$\frac{48}{1679}$	$\frac{233}{1679}$	$\frac{241}{1679}$	$\frac{719}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
124843	1680	1769	$\frac{1}{29}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{26}{61}$	Φ_{1769}
124844	1680	73	$\frac{1}{73}$	$\frac{11}{73}$	$\frac{18}{73}$	$\frac{31}{73}$	$\Phi_{73}^{23}\ \Phi_{1}^{24}$
124845	1680	73	$\frac{3}{73}$	$\frac{7}{73}$	$\frac{11}{73}$	$\frac{31}{73}$	$\Phi_{73}^{23}\ \Phi_{1}^{24}$
124846	1680	1785	$\frac{1}{21}$	$\frac{7}{85}$	$\frac{13}{85}$	$\frac{36}{85}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}\ \Phi_{51}\ \Phi_{35}\ \Phi_{15}$
124847	1680	1679	$\frac{97}{1679}$	$\frac{113}{1679}$	$\frac{261}{1679}$	$\frac{709}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124848	1680	1815	$\frac{7}{121}$	$\frac{1}{15}$	$\frac{19}{121}$	$\frac{51}{121}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{363}\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}$
124849	1680	1679	$\frac{77}{1679}$	$\frac{139}{1679}$	$\frac{267}{1679}$	$\frac{706}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124850	1680	69	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{11}{69}$	$\frac{29}{69}$	$\Phi_{69}^{21}\ \Phi_{23}^{31}\ \Phi_{3}^{21}\ \Phi_{1}^{32}$
124851	1680	1859	$\frac{7}{169}$	$\frac{1}{11}$	$\frac{27}{169}$	$\frac{71}{169}$	$\Phi_{1859}\ \Phi_{143}$
124852	1680	1767	$\frac{1}{57}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{1767}\ \Phi_{589}\ \Phi_{93}$
124853	1680	1679	$\frac{53}{1679}$	$\frac{195}{1679}$	$\frac{271}{1679}$	$\frac{704}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124854	1680	1928	$\frac{7}{241}$	$\frac{1}{8}$	$\frac{39}{241}$	$\frac{101}{241}$	$\Phi_{1928}\ \Phi_{964}\ \Phi_{482}$
124855	1680	1679	$\frac{41}{1679}$	$\frac{244}{1679}$	$\frac{273}{1679}$	$\frac{703}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124856	1680	2022	$\frac{7}{337}$	$\frac{55}{337}$	$\frac{1}{6}$	$\frac{141}{337}$	$\Phi_{2022}\ \Phi_{1011}\ \Phi_{674}$
124857	1680	2105	$\frac{7}{421}$	$\frac{69}{421}$	$\frac{1}{5}$	$\frac{176}{421}$	Φ_{2105}
124858	1680	1679	$\frac{17}{1679}$	$\frac{277}{1679}$	$\frac{489}{1679}$	$\frac{701}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124859	1680	2523	$\frac{7}{841}$	$\frac{139}{841}$	$\frac{1}{3}$	$\frac{351}{841}$	$\Phi_{2523}\ \Phi_{87}$
124860	1680	1452	$\frac{1}{121}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{1452}^{2}\ \Phi_{484}^{2}\ \Phi_{363}\ \Phi_{132}^{2}\ \Phi_{44}^{2}\ \Phi_{33}$
124861	1680	2868	$\frac{2}{239}$	$\frac{1}{6}$	$\frac{79}{239}$	$\frac{5}{12}$	$\Phi_{2868}\ \Phi_{956}\ \Phi_{239}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
124862	1680	324	$\frac{1}{81}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{324}^{4}\ \Phi_{162}^{7}\ \Phi_{108}^{4}\ \Phi_{81}^{6}\ \Phi_{54}^{7}\ \Phi_{36}^{4}\ \Phi_{27}^{6}\ \Phi_{18}^{7}\ \Phi_{12}^{3}\ \Phi_{9}^{6}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
124863	1680	2868	$\frac{3}{239}$	$\frac{1}{6}$	$\frac{59}{239}$	$\frac{5}{12}$	$\Phi_{2868}\ \Phi_{956}\ \Phi_{239}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
124864	1680	3660	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{3660}\ \Phi_{1220}\ \Phi_{305}$
124865	1680	2868	$\frac{4}{239}$	$\frac{1}{6}$	$\frac{47}{239}$	$\frac{5}{12}$	$\Phi_{2868}\ \Phi_{956}\ \Phi_{239}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
124866	1680	588	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{588}^{5}\ \Phi_{294}\ \Phi_{196}^{5}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}^{5}\ \Phi_{42}\ \Phi_{28}^{5}\ \Phi_{21}\ \Phi_{14}$
124867	1680	2868	$\frac{5}{239}$	$\frac{39}{239}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2868}\ \Phi_{956}\ \Phi_{239}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
124868	1680	3444	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3444}\ \Phi_{1148}\ \Phi_{287}$
124869	1680	2868	$\frac{7}{239}$	$\frac{29}{239}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2868}\ \Phi_{956}\ \Phi_{239}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
124870	1680	1116	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1116}^{3}\ \Phi_{372}^{2}\ \Phi_{279}\ \Phi_{124}^{2}\ \Phi_{93}$
124871	1680	2868	$\frac{9}{239}$	$\frac{23}{239}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2868}\ \Phi_{956}\ \Phi_{239}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
124872	1680	3300	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{275}\ \Phi_{220}\ \Phi_{55}$
124873	1680	2868	$\frac{11}{239}$	$\frac{19}{239}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2868}\ \Phi_{956}\ \Phi_{239}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
124874	1680	1092	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1092}^{3}\ \Phi_{364}^{3}\ \Phi_{273}\ \Phi_{156}^{2}\ \Phi_{91}\ \Phi_{52}^{2}\ \Phi_{39}$
124875	1680	2868	$\frac{14}{239}$	$\frac{15}{239}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2868}\ \Phi_{956}\ \Phi_{239}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
124876	1680	816	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{816}^{2}\ \Phi_{408}^{2}\ \Phi_{272}^{3}\ \Phi_{204}\ \Phi_{136}^{3}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{3}\ \Phi_{17}^{2}$
124877	1680	1679	$\frac{14}{1679}$	$\frac{281}{1679}$	$\frac{555}{1679}$	$\frac{699}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124878	1680	1679	$\frac{35}{1679}$	$\frac{274}{1679}$	$\frac{281}{1679}$	$\frac{699}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124879	1680	1763	$\frac{1}{43}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	Φ_{1763}
124880	1680	1679	$\frac{41}{1679}$	$\frac{234}{1679}$	$\frac{289}{1679}$	$\frac{695}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124881	1680	1679	$\frac{47}{1679}$	$\frac{204}{1679}$	$\frac{295}{1679}$	$\frac{692}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
124882	1680	1802	$\frac{1}{106}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1802}\ \Phi_{901}\ \Phi_{34}$
124883	1680	1769	$\frac{1}{29}$	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{25}{61}$	Φ_{1769}
124884	1680	1775	$\frac{1}{25}$	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{29}{71}$	$\Phi_{1775}\ \Phi_{355}$
124885	1680	1679	$\frac{71}{1679}$	$\frac{134}{1679}$	$\frac{309}{1679}$	$\frac{685}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124886	1680	594	$\frac{1}{22}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{594}^{3}\ \Phi_{297}^{3}\ \Phi_{198}^{3}\ \Phi_{99}^{3}\ \Phi_{66}^{3}\ \Phi_{54}^{3}\ \Phi_{33}^{3}\ \Phi_{22}^{2}\ \Phi_{18}^{3}\ \Phi_{11}^{2}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
124887	1680	1679	$\frac{83}{1679}$	$\frac{114}{1679}$	$\frac{313}{1679}$	$\frac{683}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124888	1680	1815	$\frac{6}{121}$	$\frac{1}{15}$	$\frac{23}{121}$	$\frac{49}{121}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{363}\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}$
124889	1680	1679	$\frac{74}{1679}$	$\frac{125}{1679}$	$\frac{321}{1679}$	$\frac{679}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124890	1680	611	$\frac{2}{47}$	$\frac{1}{13}$	$\frac{9}{47}$	$\frac{19}{47}$	$\Phi_{611}^{3}\ \Phi_{13}^{2}$
124891	1680	1679	$\frac{64}{1679}$	$\frac{143}{1679}$	$\frac{323}{1679}$	$\frac{678}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124892	1680	1679	$\frac{54}{1679}$	$\frac{167}{1679}$	$\frac{325}{1679}$	$\frac{677}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124893	1680	1899	$\frac{6}{211}$	$\frac{1}{9}$	$\frac{41}{211}$	$\frac{85}{211}$	$\Phi_{1899}\ \Phi_{633}$
124894	1680	1928	$\frac{6}{241}$	$\frac{1}{8}$	$\frac{47}{241}$	$\frac{97}{241}$	$\Phi_{1928}\ \Phi_{964}\ \Phi_{482}$
124895	1680	1967	$\frac{6}{281}$	$\frac{1}{7}$	$\frac{55}{281}$	$\frac{113}{281}$	Φ_{1967}
124896	1680	1679	$\frac{34}{1679}$	$\frac{251}{1679}$	$\frac{329}{1679}$	$\frac{675}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124897	1680	1679	$\frac{24}{1679}$	$\frac{331}{1679}$	$\frac{335}{1679}$	$\frac{674}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124898	1680	2105	$\frac{6}{421}$	$\frac{83}{421}$	$\frac{1}{5}$	$\frac{169}{421}$	Φ_{2105}
124899	1680	748	$\frac{2}{187}$	$\frac{37}{187}$	$\frac{1}{4}$	$\frac{75}{187}$	$\Phi_{748}^{3}\ \Phi_{374}^{3}\ \Phi_{68}^{3}\ \Phi_{44}^{3}\ \Phi_{34}^{3}\ \Phi_{22}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
124900	1680	1679	$\frac{14}{1679}$	$\frac{333}{1679}$	$\frac{503}{1679}$	$\frac{673}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124901	1680	2523	$\frac{6}{841}$	$\frac{167}{841}$	$\frac{1}{3}$	$\frac{337}{841}$	$\Phi_{2523}\ \Phi_{87}$
124902	1680	705	$\frac{1}{141}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{705}^{2}\ \Phi_{235}^{2}\ \Phi_{141}^{4}\ \Phi_{47}^{4}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
124903	1680	1210	$\frac{1}{121}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{1210}^{2}\ \Phi_{605}\ \Phi_{242}^{2}\ \Phi_{110}^{2}\ \Phi_{55}\ \Phi_{22}^{2}$
124904	1680	465	$\frac{1}{93}$	$\frac{1}{5}$	$\frac{23}{93}$	$\frac{2}{5}$	$\Phi_{465}^{3}\ \Phi_{155}^{3}\ \Phi_{93}^{6}\ \Phi_{31}^{6}\ \Phi_{15}^{3}\ \Phi_{5}^{4}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
124905	1680	355	$\frac{1}{71}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{355}^{5}\ \Phi_{71}^{4}$
124906	1680	1395	$\frac{4}{279}$	$\frac{55}{279}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}^{2}\ \Phi_{155}\ \Phi_{93}^{2}\ \Phi_{45}\ \Phi_{31}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
124907	1680	570	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{570}^{3}\ \Phi_{285}^{2}\ \Phi_{190}^{3}\ \Phi_{114}^{6}\ \Phi_{95}^{2}\ \Phi_{57}^{4}\ \Phi_{38}^{6}\ \Phi_{30}^{2}\ \Phi_{19}^{4}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
124908	1680	465	$\frac{2}{93}$	$\frac{13}{93}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{465}^{3}\ \Phi_{155}^{3}\ \Phi_{93}^{6}\ \Phi_{31}^{6}\ \Phi_{15}^{3}\ \Phi_{5}^{4}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
124909	1680	1640	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{410}\ \Phi_{328}^{2}\ \Phi_{164}^{2}\ \Phi_{82}^{2}$
124910	1680	1395	$\frac{7}{279}$	$\frac{34}{279}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}^{2}\ \Phi_{155}\ \Phi_{93}^{2}\ \Phi_{45}\ \Phi_{31}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
124911	1680	180	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{180}^{8}\ \Phi_{90}^{8}\ \Phi_{60}^{8}\ \Phi_{45}^{7}\ \Phi_{36}^{16}\ \Phi_{30}^{8}\ \Phi_{20}^{8}\ \Phi_{18}^{16}\ \Phi_{15}^{7}\ \Phi_{12}^{16}\ \Phi_{10}^{8}\ \Phi_{9}^{14}\ \Phi_{6}^{16}\ \Phi_{5}^{8}\ \Phi_{4}^{16}\ \Phi_{3}^{14}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
124912	1680	155	$\frac{1}{31}$	$\frac{3}{31}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{155}^{9}\ \Phi_{31}^{18}\ \Phi_{5}^{10}\ \Phi_{1}^{20}$
124913	1680	1595	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1595}\ \Phi_{319}^{2}$
124914	1680	1395	$\frac{13}{279}$	$\frac{19}{279}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1395}\ \Phi_{465}\ \Phi_{279}^{2}\ \Phi_{155}\ \Phi_{93}^{2}\ \Phi_{45}\ \Phi_{31}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
124915	1680	105	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{105}^{17}\ \Phi_{35}^{17}\ \Phi_{21}^{16}\ \Phi_{15}^{11}\ \Phi_{7}^{16}\ \Phi_{5}^{12}\ \Phi_{3}^{10}\ \Phi_{1}^{12}$
124916	1680	1679	$\frac{24}{1679}$	$\frac{331}{1679}$	$\frac{337}{1679}$	$\frac{671}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124917	1680	1679	$\frac{29}{1679}$	$\frac{275}{1679}$	$\frac{351}{1679}$	$\frac{664}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124918	1680	1679	$\frac{34}{1679}$	$\frac{235}{1679}$	$\frac{361}{1679}$	$\frac{659}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124919	1680	1763	$\frac{1}{43}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	Φ_{1763}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
124920	1680	1764	$\frac{1}{36}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
124921	1680	1679	$\frac{49}{1679}$	$\frac{163}{1679}$	$\frac{379}{1679}$	$\frac{650}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124922	1680	1767	$\frac{1}{31}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{1767}\ \Phi_{589}\ \Phi_{93}$
124923	1680	1833	$\frac{1}{141}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1833}\ \Phi_{611}\ \Phi_{39}$
124924	1680	73	$\frac{3}{73}$	$\frac{5}{73}$	$\frac{17}{73}$	$\frac{28}{73}$	$\Phi_{73}^{23}\ \Phi_{1}^{24}$
124925	1680	1679	$\frac{74}{1679}$	$\frac{107}{1679}$	$\frac{393}{1679}$	$\frac{643}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124926	1680	1782	$\frac{1}{22}$	$\frac{5}{81}$	$\frac{19}{81}$	$\frac{31}{81}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{162}\ \Phi_{99}\ \Phi_{66}\ \Phi_{54}\ \Phi_{33}\ \Phi_{18}\ \Phi_{6}$
124927	1680	714	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{714}^{4}\ \Phi_{357}\ \Phi_{238}^{4}\ \Phi_{119}\ \Phi_{102}^{4}\ \Phi_{51}\ \Phi_{42}^{4}\ \Phi_{14}^{4}\ \Phi_{6}^{4}$
124928	1680	1679	$\frac{75}{1679}$	$\frac{104}{1679}$	$\frac{401}{1679}$	$\frac{639}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124929	1680	1808	$\frac{5}{113}$	$\frac{1}{16}$	$\frac{27}{113}$	$\frac{43}{113}$	$\Phi_{1808}\ \Phi_{904}\ \Phi_{452}\ \Phi_{226}$
124930	1680	1815	$\frac{5}{121}$	$\frac{1}{15}$	$\frac{29}{121}$	$\frac{46}{121}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{363}\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}$
124931	1680	1679	$\frac{51}{1679}$	$\frac{149}{1679}$	$\frac{407}{1679}$	$\frac{636}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124932	1680	1859	$\frac{5}{169}$	$\frac{1}{11}$	$\frac{41}{169}$	$\frac{64}{169}$	$\Phi_{1859}\ \Phi_{143}$
124933	1680	1679	$\frac{43}{1679}$	$\frac{174}{1679}$	$\frac{409}{1679}$	$\frac{635}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124934	1680	1679	$\frac{35}{1679}$	$\frac{209}{1679}$	$\frac{411}{1679}$	$\frac{634}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124935	1680	1928	$\frac{5}{241}$	$\frac{1}{8}$	$\frac{59}{241}$	$\frac{91}{241}$	$\Phi_{1928}\ \Phi_{964}\ \Phi_{482}$
124936	1680	1967	$\frac{5}{281}$	$\frac{1}{7}$	$\frac{69}{281}$	$\frac{106}{281}$	Φ_{1967}
124937	1680	2022	$\frac{5}{337}$	$\frac{1}{6}$	$\frac{83}{337}$	$\frac{127}{337}$	$\Phi_{2022}\ \Phi_{1011}\ \Phi_{674}$
124938	1680	1679	$\frac{19}{1679}$	$\frac{349}{1679}$	$\frac{415}{1679}$	$\frac{632}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124939	1680	2244	$\frac{5}{561}$	$\frac{139}{561}$	$\frac{1}{4}$	$\frac{211}{561}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{374}\ \Phi_{204}\ \Phi_{132}\ \Phi_{102}\ \Phi_{68}\ \Phi_{66}\ \Phi_{44}\ \Phi_{34}\ \Phi_{22}\ \Phi_{12}\ \Phi_{6}$
124940	1680	1679	$\frac{11}{1679}$	$\frac{417}{1679}$	$\frac{524}{1679}$	$\frac{631}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
124941	1680	2523	$\frac{5}{841}$	$\frac{209}{841}$	$\frac{1}{3}$	$\frac{316}{841}$	$\Phi_{2523}\ \Phi_{87}$
124942	1680	4056	$\frac{1}{169}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{4056}\ \Phi_{507}\ \Phi_{312}\ \Phi_{39}$
124943	1680	2680	$\frac{2}{335}$	$\frac{1}{4}$	$\frac{111}{335}$	$\frac{3}{8}$	$\Phi_{2680}\ \Phi_{536}\ \Phi_{335}\ \Phi_{67}\ \Phi_{40}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
124944	1680	904	$\frac{1}{113}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{904}^{3}\ \Phi_{452}\ \Phi_{226}$
124945	1680	2680	$\frac{3}{335}$	$\frac{83}{335}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2680}\ \Phi_{536}\ \Phi_{335}\ \Phi_{67}\ \Phi_{40}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
124946	1680	680	$\frac{1}{85}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{680}^{4}\ \Phi_{136}^{4}\ \Phi_{85}^{4}\ \Phi_{40}^{3}\ \Phi_{17}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
124947	1680	536	$\frac{1}{67}$	$\frac{11}{67}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{536}^{5}\ \Phi_{67}^{5}\ \Phi_{8}^{6}\ \Phi_{1}^{6}$
124948	1680	3192	$\frac{1}{57}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{399}\ \Phi_{168}\ \Phi_{133}\ \Phi_{21}$
124949	1680	2680	$\frac{6}{335}$	$\frac{47}{335}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2680}\ \Phi_{536}\ \Phi_{335}\ \Phi_{67}\ \Phi_{40}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
124950	1680	392	$\frac{1}{49}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{392}^{4}\ \Phi_{196}^{5}\ \Phi_{98}^{5}\ \Phi_{56}^{4}\ \Phi_{49}^{4}\ \Phi_{28}^{5}\ \Phi_{14}^{5}\ \Phi_{7}^{4}$
124951	1680	2680	$\frac{7}{335}$	$\frac{41}{335}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2680}\ \Phi_{536}\ \Phi_{335}\ \Phi_{67}\ \Phi_{40}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
124952	1680	3096	$\frac{1}{43}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3096}\ \Phi_{1032}\ \Phi_{387}\ \Phi_{129}$
124953	1680	2680	$\frac{11}{335}$	$\frac{27}{335}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2680}\ \Phi_{536}\ \Phi_{335}\ \Phi_{67}\ \Phi_{40}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
124954	1680	3016	$\frac{1}{29}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3016}\ \Phi_{377}$
124955	1680	2680	$\frac{13}{335}$	$\frac{23}{335}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2680}\ \Phi_{536}\ \Phi_{335}\ \Phi_{67}\ \Phi_{40}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
124956	1680	600	$\frac{1}{25}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{600}^{5}\ \Phi_{200}^{4}\ \Phi_{120}^{4}\ \Phi_{75}^{5}\ \Phi_{40}^{3}\ \Phi_{25}^{4}\ \Phi_{24}^{4}\ \Phi_{15}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
124957	1680	536	$\frac{3}{67}$	$\frac{4}{67}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{536}^{5}\ \Phi_{67}^{5}\ \Phi_{8}^{6}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
124958	1680	1496	$\frac{1}{22}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1496}^2\ \Phi_{374}\ \Phi_{187}\ \Phi_{136}\ \Phi_{34}$
124959	1680	1679	$\frac{15}{1679}$	$\frac{416}{1679}$	$\frac{421}{1679}$	$\frac{629}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124960	1680	1679	$\frac{19}{1679}$	$\frac{332}{1679}$	$\frac{449}{1679}$	$\frac{615}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124961	1680	219	$\frac{1}{73}$	$\frac{12}{73}$	$\frac{61}{219}$	$\frac{79}{219}$	$\Phi_{219}^6\ \Phi_{73}^{11}\ \Phi_3^6\ \Phi_1^{12}$
124962	1680	1775	$\frac{1}{71}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1775}\ \Phi_{355}$
124963	1680	1679	$\frac{27}{1679}$	$\frac{236}{1679}$	$\frac{481}{1679}$	$\frac{599}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124964	1680	1767	$\frac{1}{57}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{1767}\ \Phi_{589}\ \Phi_{93}$
124965	1680	1679	$\frac{31}{1679}$	$\frac{206}{1679}$	$\frac{491}{1679}$	$\frac{594}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124966	1680	2646	$\frac{1}{49}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{2646}\ \Phi_{882}\ \Phi_{441}\ \Phi_{378}\ \Phi_{294}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
124967	1680	1679	$\frac{39}{1679}$	$\frac{164}{1679}$	$\frac{505}{1679}$	$\frac{587}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124968	1680	1763	$\frac{1}{41}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	Φ_{1763}
124969	1680	1764	$\frac{1}{36}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
124970	1680	1679	$\frac{55}{1679}$	$\frac{116}{1679}$	$\frac{521}{1679}$	$\frac{579}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124971	1680	1769	$\frac{1}{29}$	$\frac{4}{61}$	$\frac{19}{61}$	$\frac{21}{61}$	Φ_{1769}
124972	1680	73	$\frac{3}{73}$	$\frac{4}{73}$	$\frac{23}{73}$	$\frac{25}{73}$	$\Phi_{73}^{23}\ \Phi_1^{24}$
124973	1680	1679	$\frac{79}{1679}$	$\frac{80}{1679}$	$\frac{533}{1679}$	$\frac{573}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124974	1680	1785	$\frac{4}{85}$	$\frac{1}{21}$	$\frac{27}{85}$	$\frac{29}{85}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}\ \Phi_{51}\ \Phi_{35}\ \Phi_{15}$
124975	1680	1679	$\frac{56}{1679}$	$\frac{111}{1679}$	$\frac{541}{1679}$	$\frac{569}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124976	1680	1815	$\frac{4}{121}$	$\frac{1}{15}$	$\frac{39}{121}$	$\frac{41}{121}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{363}\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}$
124977	1680	1679	$\frac{44}{1679}$	$\frac{139}{1679}$	$\frac{545}{1679}$	$\frac{567}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124978	1680	1859	$\frac{4}{169}$	$\frac{1}{11}$	$\frac{55}{169}$	$\frac{57}{169}$	$\Phi_{1859}\ \Phi_{143}$
124979	1680	1679	$\frac{38}{1679}$	$\frac{159}{1679}$	$\frac{547}{1679}$	$\frac{566}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124980	1680	1899	$\frac{4}{211}$	$\frac{1}{9}$	$\frac{69}{211}$	$\frac{71}{211}$	$\Phi_{1899}\ \Phi_{633}$
124981	1680	1928	$\frac{4}{241}$	$\frac{1}{8}$	$\frac{79}{241}$	$\frac{81}{241}$	$\Phi_{1928}\ \Phi_{964}\ \Phi_{482}$
124982	1680	1679	$\frac{26}{1679}$	$\frac{223}{1679}$	$\frac{551}{1679}$	$\frac{564}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124983	1680	1679	$\frac{20}{1679}$	$\frac{279}{1679}$	$\frac{553}{1679}$	$\frac{563}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124984	1680	2022	$\frac{4}{337}$	$\frac{1}{6}$	$\frac{111}{337}$	$\frac{113}{337}$	$\Phi_{2022}\ \Phi_{1011}\ \Phi_{674}$
124985	1680	2105	$\frac{4}{421}$	$\frac{1}{5}$	$\frac{139}{421}$	$\frac{141}{421}$	Φ_{2105}
124986	1680	1679	$\frac{8}{1679}$	$\frac{557}{1679}$	$\frac{559}{1679}$	$\frac{561}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
124987	1680	2523	$\frac{4}{841}$	$\frac{279}{841}$	$\frac{1}{3}$	$\frac{281}{841}$	$\Phi_{2523}\ \Phi_{87}$
124988	1680	633	$\frac{1}{211}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{633}^3\ \Phi_{211}^2$
124989	1680	1257	$\frac{2}{419}$	$\frac{139}{419}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1257}\ \Phi_{419}^2\ \Phi_3^2\ \Phi_1^4$
124990	1680	564	$\frac{1}{141}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{564}^4\ \Phi_{282}^4\ \Phi_{188}^4\ \Phi_{94}^4\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
124991	1680	1257	$\frac{3}{419}$	$\frac{104}{419}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1257}\ \Phi_{419}^2\ \Phi_3^2\ \Phi_1^4$
124992	1680	1089	$\frac{1}{121}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1089}^2\ \Phi_{363}\ \Phi_{99}^2\ \Phi_{33}$
124993	1680	1590	$\frac{1}{106}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{530}^2\ \Phi_{265}^2\ \Phi_{30}\ \Phi_{10}^2$
124994	1680	1257	$\frac{4}{419}$	$\frac{83}{419}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1257}\ \Phi_{419}^2\ \Phi_3^2\ \Phi_1^4$
124995	1680	510	$\frac{1}{85}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{510}^4\ \Phi_{255}^3\ \Phi_{170}^4\ \Phi_{102}^4\ \Phi_{85}^2\ \Phi_{51}^3\ \Phi_{34}^4\ \Phi_{30}^4\ \Phi_{17}^2\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
124996	1680	1257	$\frac{5}{419}$	$\frac{69}{419}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1257}\ \Phi_{419}^2\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
124997	1680	1491	$\frac{1}{71}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1491}\ \Phi_{497}^2$
124998	1680	1257	$\frac{6}{419}$	$\frac{59}{419}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1257}\ \Phi_{419}^2\ \Phi_3^2\ \Phi_1^4$
124999	1680	1464	$\frac{1}{61}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1464}\ \Phi_{732}\ \Phi_{488}^2\ \Phi_{366}\ \Phi_{244}^2\ \Phi_{122}^2$
125000	1680	1257	$\frac{9}{419}$	$\frac{41}{419}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1257}\ \Phi_{419}^2\ \Phi_3^2\ \Phi_1^4$
125001	1680	1419	$\frac{1}{43}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1419}\ \Phi_{473}^2$
125002	1680	1257	$\frac{11}{419}$	$\frac{34}{419}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1257}\ \Phi_{419}^2\ \Phi_3^2\ \Phi_1^4$
125003	1680	468	$\frac{1}{36}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^4\ \Phi_{117}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{13}^2$
125004	1680	1257	$\frac{13}{419}$	$\frac{29}{419}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1257}\ \Phi_{419}^2\ \Phi_3^2\ \Phi_1^4$
125005	1680	465	$\frac{1}{31}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{465}^4\ \Phi_{155}^4\ \Phi_{93}^3\ \Phi_{31}^2$
125006	1680	1257	$\frac{14}{419}$	$\frac{27}{419}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1257}\ \Phi_{419}^2\ \Phi_3^2\ \Phi_1^4$
125007	1680	1392	$\frac{1}{29}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}^2\ \Phi_{348}\ \Phi_{232}^2\ \Phi_{174}\ \Phi_{116}^2\ \Phi_{58}^2$
125008	1680	1257	$\frac{19}{419}$	$\frac{20}{419}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1257}\ \Phi_{419}^2\ \Phi_3^2\ \Phi_1^4$
125009	1680	462	$\frac{1}{22}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}^3\ \Phi_{42}^4\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{14}^4\ \Phi_{11}^2\ \Phi_6^3\ \Phi_2^2$
125010	1680	3348	$\frac{2}{279}$	$\frac{1}{4}$	$\frac{277}{837}$	$\frac{1}{3}$	$\Phi_{3348}\ \Phi_{1674}\ \Phi_{108}\ \Phi_{54}\ \Phi_{12}\ \Phi_6$
125011	1680	2151	$\frac{2}{239}$	$\frac{2}{9}$	$\frac{79}{239}$	$\frac{1}{3}$	$\Phi_{2151}\ \Phi_{239}\ \Phi_9^2\ \Phi_1^2$
125012	1680	3135	$\frac{2}{209}$	$\frac{1}{5}$	$\frac{69}{209}$	$\frac{1}{3}$	$\Phi_{3135}\ \Phi_{285}\ \Phi_{165}\ \Phi_{15}^2$
125013	1680	2523	$\frac{10}{841}$	$\frac{141}{841}$	$\frac{277}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125014	1680	1002	$\frac{2}{167}$	$\frac{1}{6}$	$\frac{55}{167}$	$\frac{1}{3}$	$\Phi_{1002}^2\ \Phi_{501}\ \Phi_{334}^2\ \Phi_{167}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
125015	1680	2523	$\frac{13}{841}$	$\frac{113}{841}$	$\frac{276}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125016	1680	2856	$\frac{2}{119}$	$\frac{1}{8}$	$\frac{39}{119}$	$\frac{1}{3}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{408}\ \Phi_{204}\ \Phi_{168}\ \Phi_{102}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
125017	1680	468	$\frac{1}{52}$	$\frac{1}{9}$	$\frac{17}{52}$	$\frac{1}{3}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^2\ \Phi_{117}^4\ \Phi_{78}^2\ \Phi_{52}^4\ \Phi_{39}^2\ \Phi_{36}^4\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}^4\ \Phi_{12}^2\ \Phi_9^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
125018	1680	2523	$\frac{19}{841}$	$\frac{81}{841}$	$\frac{274}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125019	1680	2739	$\frac{2}{83}$	$\frac{1}{11}$	$\frac{27}{83}$	$\frac{1}{3}$	$\Phi_{2739}\ \Phi_{33}^2$
125020	1680	2523	$\frac{22}{841}$	$\frac{71}{841}$	$\frac{273}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125021	1680	2691	$\frac{2}{69}$	$\frac{1}{13}$	$\frac{67}{207}$	$\frac{1}{3}$	$\Phi_{2691}\ \Phi_{117}\ \Phi_{39}$
125022	1680	2523	$\frac{28}{841}$	$\frac{57}{841}$	$\frac{271}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125023	1680	885	$\frac{2}{59}$	$\frac{1}{15}$	$\frac{19}{59}$	$\frac{1}{3}$	$\Phi_{885}^2\ \Phi_{295}^2\ \Phi_{177}\ \Phi_{59}^2\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
125024	1680	2523	$\frac{40}{841}$	$\frac{41}{841}$	$\frac{267}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125025	1680	861	$\frac{1}{21}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{861}^2\ \Phi_{287}^2\ \Phi_{123}\ \Phi_{41}^2\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
125026	1680	2574	$\frac{1}{22}$	$\frac{2}{39}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{234}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{18}\ \Phi_6$
125027	1680	1275	$\frac{1}{25}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{1275}\ \Phi_{425}^2\ \Phi_{255}\ \Phi_{85}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5^2$
125028	1680	87	$\frac{1}{29}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{87}^{29}\ \Phi_3^{28}$
125029	1680	2511	$\frac{1}{31}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{2511}\ \Phi_{93}$
125030	1680	828	$\frac{1}{36}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}^2\ \Phi_{207}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{36}^4\ \Phi_{23}^2\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
125031	1680	2523	$\frac{21}{841}$	$\frac{82}{841}$	$\frac{253}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125032	1680	1230	$\frac{1}{41}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{1230}^2\ \Phi_{615}^2\ \Phi_{246}^2\ \Phi_{123}^3$
125033	1680	2523	$\frac{17}{841}$	$\frac{103}{841}$	$\frac{246}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125034	1680	2523	$\frac{15}{841}$	$\frac{118}{841}$	$\frac{241}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
125035	1680	399	$\frac{1}{57}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{399}^4\ \Phi_{133}^4\ \Phi_{57}^6\ \Phi_{21}^2\ \Phi_{19}^6\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
125036	1680	2343	$\frac{1}{71}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{2343}\ \Phi_{213}^2$
125037	1680	2523	$\frac{11}{841}$	$\frac{166}{841}$	$\frac{225}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125038	1680	2295	$\frac{1}{85}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{2295}\ \Phi_{459}\ \Phi_{255}\ \Phi_{135}\ \Phi_{51}\ \Phi_{15}$
125039	1680	2523	$\frac{9}{841}$	$\frac{208}{841}$	$\frac{211}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125040	1680	372	$\frac{1}{93}$	$\frac{23}{93}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{372}^6\ \Phi_{186}^6\ \Phi_{124}^6\ \Phi_{62}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
125041	1680	324	$\frac{1}{81}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{324}^7\ \Phi_{162}^7\ \Phi_{108}^7\ \Phi_{54}^7\ \Phi_{36}^6\ \Phi_{18}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
125042	1680	4260	$\frac{1}{71}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{4260}\ \Phi_{2130}$
125043	1680	1116	$\frac{4}{279}$	$\frac{55}{279}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{372}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
125044	1680	228	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^{10}\ \Phi_{114}^4\ \Phi_{76}^{10}\ \Phi_{57}^6\ \Phi_{38}^4\ \Phi_{19}^6\ \Phi_{12}^7\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
125045	1680	372	$\frac{2}{93}$	$\frac{13}{93}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{372}^6\ \Phi_{186}^6\ \Phi_{124}^6\ \Phi_{62}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
125046	1680	984	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{984}^3\ \Phi_{492}^2\ \Phi_{246}^2\ \Phi_{123}^3$
125047	1680	1116	$\frac{7}{279}$	$\frac{34}{279}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{372}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
125048	1680	36	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{36}^{46}\ \Phi_{18}^{46}\ \Phi_{12}^{47}\ \Phi_9^{48}\ \Phi_6^{47}\ \Phi_4^{46}\ \Phi_3^{48}\ \Phi_2^{46}\ \Phi_1^{48}$
125049	1680	372	$\frac{1}{31}$	$\frac{3}{31}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{372}^9\ \Phi_{186}^9\ \Phi_{12}^{10}\ \Phi_6^{10}$
125050	1680	3828	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3828}\ \Phi_{1914}$
125051	1680	1116	$\frac{13}{279}$	$\frac{19}{279}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{372}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
125052	1680	420	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^6\ \Phi_{210}^6\ \Phi_{140}^6\ \Phi_{84}^4\ \Phi_{70}^6\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
125053	1680	2151	$\frac{3}{239}$	$\frac{2}{9}$	$\frac{59}{239}$	$\frac{1}{3}$	$\Phi_{2151}\ \Phi_{239}\ \Phi_9^2\ \Phi_1^2$
125054	1680	1002	$\frac{3}{167}$	$\frac{1}{6}$	$\frac{41}{167}$	$\frac{1}{3}$	$\Phi_{1002}^2\ \Phi_{501}\ \Phi_{334}^2\ \Phi_{167}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
125055	1680	2523	$\frac{17}{841}$	$\frac{127}{841}$	$\frac{206}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125056	1680	2919	$\frac{3}{139}$	$\frac{1}{7}$	$\frac{34}{139}$	$\frac{1}{3}$	$\Phi_{2919}\ \Phi_{21}^2$
125057	1680	2523	$\frac{21}{841}$	$\frac{106}{841}$	$\frac{205}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125058	1680	2856	$\frac{3}{119}$	$\frac{1}{8}$	$\frac{29}{119}$	$\frac{1}{3}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{408}\ \Phi_{204}\ \Phi_{168}\ \Phi_{102}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
125059	1680	2523	$\frac{25}{841}$	$\frac{91}{841}$	$\frac{204}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125060	1680	348	$\frac{1}{29}$	$\frac{11}{116}$	$\frac{7}{29}$	$\frac{1}{3}$	$\Phi_{348}^8\ \Phi_{174}^8\ \Phi_{87}^5\ \Phi_{12}^8\ \Phi_6^8\ \Phi_3^4$
125061	1680	2739	$\frac{3}{83}$	$\frac{1}{11}$	$\frac{20}{83}$	$\frac{1}{3}$	$\Phi_{2739}\ \Phi_{33}^2$
125062	1680	1794	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{11}{46}$	$\frac{1}{3}$	$\Phi_{1794}^2\ \Phi_{897}\ \Phi_{78}^2\ \Phi_{39}^2$
125063	1680	2523	$\frac{37}{841}$	$\frac{64}{841}$	$\frac{201}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125064	1680	885	$\frac{3}{59}$	$\frac{1}{15}$	$\frac{14}{59}$	$\frac{1}{3}$	$\Phi_{885}^2\ \Phi_{295}^2\ \Phi_{177}\ \Phi_{59}^2\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
125065	1680	2640	$\frac{3}{55}$	$\frac{1}{16}$	$\frac{13}{55}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{132}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
125066	1680	2523	$\frac{46}{841}$	$\frac{53}{841}$	$\frac{197}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125067	1680	2523	$\frac{43}{841}$	$\frac{57}{841}$	$\frac{196}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125068	1680	858	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{858}^3\ \Phi_{429}^3\ \Phi_{78}^3\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_6^4$
125069	1680	2523	$\frac{31}{841}$	$\frac{81}{841}$	$\frac{190}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125070	1680	2745	$\frac{1}{61}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2745}\ \Phi_{305}$
125071	1680	2151	$\frac{4}{239}$	$\frac{47}{239}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2151}\ \Phi_{239}\ \Phi_9^2\ \Phi_1^2$
125072	1680	882	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{882}^3\ \Phi_{441}^2\ \Phi_{294}\ \Phi_{147}\ \Phi_{126}^3\ \Phi_{98}\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
125073	1680	2151	$\frac{5}{239}$	$\frac{39}{239}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2151}\ \Phi_{239}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
125074	1680	2583	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2583}\ \Phi_{287}$
125075	1680	2151	$\frac{7}{239}$	$\frac{29}{239}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2151}\ \Phi_{239}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
125076	1680	279	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{279}^{6}\ \Phi_{93}^{7}\ \Phi_{31}^{6}$
125077	1680	2151	$\frac{9}{239}$	$\frac{23}{239}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2151}\ \Phi_{239}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
125078	1680	2475	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2475}\ \Phi_{495}\ \Phi_{275}\ \Phi_{55}$
125079	1680	2151	$\frac{11}{239}$	$\frac{19}{239}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2151}\ \Phi_{239}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
125080	1680	819	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{819}^{3}\ \Phi_{273}\ \Phi_{117}^{2}\ \Phi_{91}\ \Phi_{39}$
125081	1680	2151	$\frac{14}{239}$	$\frac{15}{239}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2151}\ \Phi_{239}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
125082	1680	2448	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
125083	1680	828	$\frac{1}{36}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{828}^{2}\ \Phi_{414}^{2}\ \Phi_{276}^{2}\ \Phi_{207}^{2}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{69}\ \Phi_{46}^{2}\ \Phi_{36}^{4}\ \Phi_{23}^{2}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
125084	1680	2523	$\frac{22}{841}$	$\frac{117}{841}$	$\frac{181}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125085	1680	2451	$\frac{1}{43}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{2451}\ \Phi_{129}^{2}$
125086	1680	2523	$\frac{19}{841}$	$\frac{137}{841}$	$\frac{176}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125087	1680	2523	$\frac{16}{841}$	$\frac{165}{841}$	$\frac{169}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125088	1680	3135	$\frac{4}{209}$	$\frac{41}{209}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3135}\ \Phi_{285}\ \Phi_{165}\ \Phi_{15}^{2}$
125089	1680	1290	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1290}^{2}\ \Phi_{645}\ \Phi_{430}^{2}\ \Phi_{215}^{2}$
125090	1680	3135	$\frac{5}{209}$	$\frac{34}{209}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3135}\ \Phi_{285}\ \Phi_{165}\ \Phi_{15}^{2}$
125091	1680	3075	$\frac{1}{41}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3075}\ \Phi_{123}$
125092	1680	1260	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{420}^{2}\ \Phi_{315}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{105}\ \Phi_{70}^{2}\ \Phi_{35}^{2}$
125093	1680	3135	$\frac{6}{209}$	$\frac{29}{209}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3135}\ \Phi_{285}\ \Phi_{165}\ \Phi_{15}^{2}$
125094	1680	3720	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3720}\ \Phi_{1860}\ \Phi_{930}$
125095	1680	3135	$\frac{9}{209}$	$\frac{20}{209}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3135}\ \Phi_{285}\ \Phi_{165}\ \Phi_{15}^{2}$
125096	1680	330	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{330}^{10}\ \Phi_{165}^{9}\ \Phi_{30}^{10}\ \Phi_{15}^{10}$
125097	1680	570	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{570}^{6}\ \Phi_{285}^{5}\ \Phi_{30}^{6}\ \Phi_{15}^{6}$
125098	1680	3135	$\frac{13}{209}$	$\frac{14}{209}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3135}\ \Phi_{285}\ \Phi_{165}\ \Phi_{15}^{2}$
125099	1680	240	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{240}^{7}\ \Phi_{120}^{7}\ \Phi_{80}^{8}\ \Phi_{60}^{7}\ \Phi_{48}^{8}\ \Phi_{40}^{8}\ \Phi_{30}^{7}\ \Phi_{24}^{8}\ \Phi_{20}^{8}\ \Phi_{16}^{8}\ \Phi_{12}^{8}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}$
125100	1680	2919	$\frac{4}{139}$	$\frac{1}{7}$	$\frac{27}{139}$	$\frac{1}{3}$	$\Phi_{2919}\ \Phi_{21}^{2}$
125101	1680	2523	$\frac{26}{841}$	$\frac{113}{841}$	$\frac{163}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125102	1680	2856	$\frac{4}{119}$	$\frac{1}{8}$	$\frac{23}{119}$	$\frac{1}{3}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{408}\ \Phi_{204}\ \Phi_{168}\ \Phi_{102}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
125103	1680	2523	$\frac{31}{841}$	$\frac{97}{841}$	$\frac{162}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125104	1680	234	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{5}{26}$	$\frac{1}{3}$	$\Phi_{234}^{8}\ \Phi_{117}^{8}\ \Phi_{78}^{4}\ \Phi_{39}^{4}\ \Phi_{26}^{8}\ \Phi_{18}^{8}\ \Phi_{13}^{8}\ \Phi_{9}^{10}\ \Phi_{6}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
125105	1680	2523	$\frac{36}{841}$	$\frac{85}{841}$	$\frac{161}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125106	1680	897	$\frac{4}{69}$	$\frac{1}{13}$	$\frac{13}{69}$	$\frac{1}{3}$	$\Phi_{897}^{2}\ \Phi_{299}^{2}\ \Phi_{39}^{3}\ \Phi_{13}^{2}$
125107	1680	2523	$\frac{56}{841}$	$\frac{57}{841}$	$\frac{157}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125108	1680	885	$\frac{1}{15}$	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{1}{3}$	$\Phi_{885}^{2}\ \Phi_{295}^{2}\ \Phi_{177}\ \Phi_{59}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
125109	1680	2523	$\frac{49}{841}$	$\frac{66}{841}$	$\frac{155}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125110	1680	858	$\frac{1}{22}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{858}^{2}\ \Phi_{429}^{2}\ \Phi_{286}^{2}\ \Phi_{143}^{2}\ \Phi_{78}^{2}\ \Phi_{66}^{3}\ \Phi_{33}^{3}\ \Phi_{26}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
125111	1680	1275	$\frac{1}{25}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{1275}^2\ \Phi_{255}^2\ \Phi_{75}^3\ \Phi_{15}^3$
125112	1680	2523	$\frac{33}{841}$	$\frac{101}{841}$	$\frac{148}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125113	1680	87	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{87}^{29}\ \Phi_{3}^{28}$
125114	1680	2523	$\frac{25}{841}$	$\frac{136}{841}$	$\frac{141}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125115	1680	1002	$\frac{5}{167}$	$\frac{27}{167}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1002}^2\ \Phi_{501}\ \Phi_{334}^2\ \Phi_{167}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
125116	1680	1218	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1218}^2\ \Phi_{609}\ \Phi_{406}^2\ \Phi_{203}^2$
125117	1680	1002	$\frac{6}{167}$	$\frac{23}{167}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1002}^2\ \Phi_{501}\ \Phi_{334}^2\ \Phi_{167}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
125118	1680	600	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^4\ \Phi_{150}\ \Phi_{120}^3\ \Phi_{100}^4\ \Phi_{75}^2\ \Phi_{60}^3\ \Phi_{50}^2\ \Phi_{40}^4\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{5}^2$
125119	1680	1002	$\frac{7}{167}$	$\frac{20}{167}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1002}^2\ \Phi_{501}\ \Phi_{334}^2\ \Phi_{167}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
125120	1680	198	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{198}^{10}\ \Phi_{99}^{10}\ \Phi_{66}^7\ \Phi_{33}^7\ \Phi_{22}^6\ \Phi_{18}^4\ \Phi_{11}^6\ \Phi_{9}^6\ \Phi_{6}^3\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
125121	1680	1002	$\frac{11}{167}$	$\frac{13}{167}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1002}^2\ \Phi_{501}\ \Phi_{334}^2\ \Phi_{167}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
125122	1680	390	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{390}^6\ \Phi_{195}^4\ \Phi_{130}^6\ \Phi_{78}^4\ \Phi_{65}^4\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{13}^2$
125123	1680	2856	$\frac{5}{119}$	$\frac{1}{8}$	$\frac{19}{119}$	$\frac{1}{3}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{408}\ \Phi_{204}\ \Phi_{168}\ \Phi_{102}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
125124	1680	2523	$\frac{37}{841}$	$\frac{101}{841}$	$\frac{134}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125125	1680	2739	$\frac{5}{83}$	$\frac{1}{11}$	$\frac{13}{83}$	$\frac{1}{3}$	$\Phi_{2739}\ \Phi_{33}^2$
125126	1680	2523	$\frac{55}{841}$	$\frac{71}{841}$	$\frac{131}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125127	1680	885	$\frac{1}{15}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{1}{3}$	$\Phi_{885}^2\ \Phi_{295}^2\ \Phi_{177}\ \Phi_{59}^2\ \Phi_{15}^4\ \Phi_{5}^4\ \Phi_{3}^2\ \Phi_{1}^4$
125128	1680	528	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{3}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^4\ \Phi_{132}^3\ \Phi_{88}^4\ \Phi_{66}^3\ \Phi_{48}^4\ \Phi_{44}^4\ \Phi_{24}^4\ \Phi_{22}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{2}^4$
125129	1680	2523	$\frac{51}{841}$	$\frac{79}{841}$	$\frac{127}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125130	1680	861	$\frac{1}{21}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{3}$	$\Phi_{861}^2\ \Phi_{287}^2\ \Phi_{123}\ \Phi_{41}^2\ \Phi_{21}^4\ \Phi_{7}^4\ \Phi_{3}^2\ \Phi_{1}^4$
125131	1680	2523	$\frac{36}{841}$	$\frac{115}{841}$	$\frac{121}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125132	1680	2919	$\frac{6}{139}$	$\frac{19}{139}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2919}\ \Phi_{21}^2$
125133	1680	168	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{168}^{11}\ \Phi_{84}^{11}\ \Phi_{56}^{12}\ \Phi_{42}^{11}\ \Phi_{28}^{12}\ \Phi_{24}^{12}\ \Phi_{14}^{12}\ \Phi_{12}^{12}\ \Phi_{8}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}$
125134	1680	2919	$\frac{9}{139}$	$\frac{13}{139}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2919}\ \Phi_{21}^2$
125135	1680	1155	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1155}^2\ \Phi_{385}^2\ \Phi_{231}\ \Phi_{77}^2$
125136	1680	468	$\frac{3}{52}$	$\frac{1}{9}$	$\frac{7}{52}$	$\frac{1}{3}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^2\ \Phi_{117}^4\ \Phi_{78}^2\ \Phi_{52}^4\ \Phi_{39}^2\ \Phi_{36}^4\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}^4\ \Phi_{12}^2\ \Phi_{9}^6\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^6$
125137	1680	2523	$\frac{50}{841}$	$\frac{91}{841}$	$\frac{113}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125138	1680	2739	$\frac{6}{83}$	$\frac{1}{11}$	$\frac{11}{83}$	$\frac{1}{3}$	$\Phi_{2739}\ \Phi_{33}^2$
125139	1680	2523	$\frac{64}{841}$	$\frac{73}{841}$	$\frac{111}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125140	1680	897	$\frac{1}{13}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{3}$	$\Phi_{897}^3\ \Phi_{39}^4$
125141	1680	2523	$\frac{61}{841}$	$\frac{78}{841}$	$\frac{109}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125142	1680	2640	$\frac{1}{16}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{132}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
125143	1680	2523	$\frac{49}{841}$	$\frac{99}{841}$	$\frac{106}{841}$	$\frac{1}{3}$	$\Phi_{2523}\ \Phi_{87}$
125144	1680	408	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{408}^7\ \Phi_{204}^7\ \Phi_{102}^7\ \Phi_{24}^8\ \Phi_{12}^8\ \Phi_{6}^8$
125145	1680	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{144}^{14}\ \Phi_{72}^{12}\ \Phi_{48}^7\ \Phi_{36}^{12}\ \Phi_{24}^6\ \Phi_{18}^{12}\ \Phi_{16}^{14}\ \Phi_{12}^6\ \Phi_{9}^{14}\ \Phi_{8}^{12}\ \Phi_{6}^6\ \Phi_{4}^{12}\ \Phi_{3}^7\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
125146	1680	2856	$\frac{9}{119}$	$\frac{11}{119}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{408}\ \Phi_{204}\ \Phi_{168}\ \Phi_{102}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
125147	1680	3432	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{3432}\ \Phi_{1716}\ \Phi_{858}$
125148	1680	117	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{117}^{16}\ \Phi_{39}^{11}\ \Phi_{13}^{10}\ \Phi_{9}^{18}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
125149	1680	260	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{17}{52}$	$\Phi_{260}^{6}\ \Phi_{130}^{6}\ \Phi_{65}^{6}\ \Phi_{52}^{8}\ \Phi_{26}^{8}\ \Phi_{20}^{6}\ \Phi_{13}^{8}\ \Phi_{10}^{6}\ \Phi_{5}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
125150	1680	1679	$\frac{38}{1679}$	$\frac{283}{1679}$	$\frac{349}{1679}$	$\frac{547}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125151	1680	2105	$\frac{10}{421}$	$\frac{71}{421}$	$\frac{1}{5}$	$\frac{137}{421}$	Φ_{2105}
125152	1680	1577	$\frac{2}{83}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{27}{83}$	$\Phi_{1577}\ \Phi_{83}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
125153	1680	2490	$\frac{2}{83}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{27}{83}$	$\Phi_{2490}\ \Phi_{1245}\ \Phi_{830}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
125154	1680	1679	$\frac{47}{1679}$	$\frac{227}{1679}$	$\frac{363}{1679}$	$\frac{544}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125155	1680	207	$\frac{2}{69}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{67}{207}$	$\Phi_{207}^{12}\ \Phi_{23}\ \Phi_{9}^{12}\ \Phi_{1}^{2}$
125156	1680	2022	$\frac{10}{337}$	$\frac{1}{6}$	$\frac{57}{337}$	$\frac{109}{337}$	$\Phi_{2022}\ \Phi_{1011}\ \Phi_{674}$
125157	1680	1679	$\frac{50}{1679}$	$\frac{279}{1679}$	$\frac{284}{1679}$	$\frac{543}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125158	1680	2105	$\frac{13}{421}$	$\frac{57}{421}$	$\frac{1}{5}$	$\frac{136}{421}$	Φ_{2105}
125159	1680	531	$\frac{2}{59}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{19}{59}$	$\Phi_{531}^{3}\ \Phi_{177}^{3}\ \Phi_{59}^{4}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
125160	1680	2360	$\frac{2}{59}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{19}{59}$	$\Phi_{2360}\ \Phi_{1180}\ \Phi_{590}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
125161	1680	660	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{53}{165}$	$\Phi_{660}^{5}\ \Phi_{330}^{5}\ \Phi_{132}^{5}\ \Phi_{66}^{5}\ \Phi_{60}^{5}\ \Phi_{44}\ \Phi_{30}^{5}\ \Phi_{22}\ \Phi_{12}^{5}\ \Phi_{6}^{5}$
125162	1680	1679	$\frac{65}{1679}$	$\frac{163}{1679}$	$\frac{379}{1679}$	$\frac{538}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125163	1680	1928	$\frac{10}{241}$	$\frac{1}{8}$	$\frac{41}{241}$	$\frac{77}{241}$	$\Phi_{1928}\ \Phi_{964}\ \Phi_{482}$
125164	1680	2397	$\frac{2}{47}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{15}{47}$	$\Phi_{2397}\ \Phi_{141}\ \Phi_{51}^{2}\ \Phi_{47}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
125165	1680	799	$\frac{2}{47}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{15}{47}$	$\Phi_{799}^{2}\ \Phi_{47}^{3}\ \Phi_{17}^{4}\ \Phi_{1}^{6}$
125166	1680	1128	$\frac{2}{47}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{15}{47}$	$\Phi_{1128}^{2}\ \Phi_{564}^{2}\ \Phi_{376}\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{47}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
125167	1680	1679	$\frac{74}{1679}$	$\frac{199}{1679}$	$\frac{286}{1679}$	$\frac{535}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125168	1680	2105	$\frac{19}{421}$	$\frac{41}{421}$	$\frac{1}{5}$	$\frac{134}{421}$	Φ_{2105}
125169	1680	533	$\frac{2}{41}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{13}{41}$	$\Phi_{533}^{3}\ \Phi_{41}^{4}\ \Phi_{13}^{6}\ \Phi_{1}^{8}$
125170	1680	2255	$\frac{2}{41}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{13}{41}$	$\Phi_{2255}\ \Phi_{55}^{2}$
125171	1680	1599	$\frac{2}{41}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{13}{41}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}^{2}\ \Phi_{39}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
125172	1680	738	$\frac{2}{41}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{13}{41}$	$\Phi_{738}^{3}\ \Phi_{369}^{2}\ \Phi_{246}^{2}\ \Phi_{123}\ \Phi_{82}^{2}\ \Phi_{41}^{2}\ \Phi_{18}^{6}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
125173	1680	1679	$\frac{86}{1679}$	$\frac{164}{1679}$	$\frac{303}{1679}$	$\frac{531}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125174	1680	1928	$\frac{13}{241}$	$\frac{1}{8}$	$\frac{33}{241}$	$\frac{76}{241}$	$\Phi_{1928}\ \Phi_{964}\ \Phi_{482}$
125175	1680	73	$\frac{4}{73}$	$\frac{5}{73}$	$\frac{17}{73}$	$\frac{23}{73}$	$\Phi_{73}^{23}\ \Phi_{1}^{24}$
125176	1680	73	$\frac{4}{73}$	$\frac{9}{73}$	$\frac{10}{73}$	$\frac{23}{73}$	$\Phi_{73}^{23}\ \Phi_{1}^{24}$
125177	1680	2022	$\frac{19}{337}$	$\frac{33}{337}$	$\frac{1}{6}$	$\frac{106}{337}$	$\Phi_{2022}\ \Phi_{1011}\ \Phi_{674}$
125178	1680	1679	$\frac{98}{1679}$	$\frac{144}{1679}$	$\frac{307}{1679}$	$\frac{527}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125179	1680	204	$\frac{1}{17}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{204}^{16}\ \Phi_{102}^{16}\ \Phi_{68}\ \Phi_{34}\ \Phi_{12}^{16}\ \Phi_{6}^{16}$
125180	1680	2397	$\frac{1}{17}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{16}{51}$	$\Phi_{2397}\ \Phi_{141}\ \Phi_{51}^{2}\ \Phi_{47}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
125181	1680	3315	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{16}{51}$	$\Phi_{3315}\ \Phi_{195}\ \Phi_{65}$
125182	1680	2397	$\frac{1}{17}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{16}{51}$	$\Phi_{2397}\ \Phi_{141}\ \Phi_{51}^{2}\ \Phi_{47}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
125183	1680	1071	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{16}{51}$	$\Phi_{1071}^{2}\ \Phi_{357}\ \Phi_{119}^{2}\ \Phi_{63}^{3}\ \Phi_{21}^{2}\ \Phi_{7}^{2}$
125184	1680	1859	$\frac{10}{169}$	$\frac{1}{11}$	$\frac{29}{169}$	$\frac{53}{169}$	$\Phi_{1859}\ \Phi_{143}$
125185	1680	1899	$\frac{13}{211}$	$\frac{1}{9}$	$\frac{29}{211}$	$\frac{66}{211}$	$\Phi_{1899}\ \Phi_{633}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
125186	1680	1679	$\frac{107}{1679}$	$\frac{181}{1679}$	$\frac{231}{1679}$	$\frac{524}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125187	1680	2022	$\frac{22}{337}$	$\frac{29}{337}$	$\frac{1}{6}$	$\frac{105}{337}$	$\Phi_{2022}\ \Phi_{1011}\ \Phi_{674}$
125188	1680	1679	$\frac{110}{1679}$	$\frac{139}{1679}$	$\frac{289}{1679}$	$\frac{523}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125189	1680	2105	$\frac{28}{421}$	$\frac{29}{421}$	$\frac{1}{5}$	$\frac{131}{421}$	Φ_{2105}
125190	1680	1595	$\frac{3}{55}$	$\frac{2}{29}$	$\frac{13}{55}$	$\frac{9}{29}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}^{2}\ \Phi_{29}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
125191	1680	435	$\frac{1}{15}$	$\frac{2}{29}$	$\frac{1}{5}$	$\frac{9}{29}$	$\Phi_{435}^{4}\ \Phi_{145}^{3}\ \Phi_{87}^{4}\ \Phi_{29}^{4}\ \Phi_{15}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
125192	1680	957	$\frac{2}{29}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{9}{29}$	$\Phi_{957}^{2}\ \Phi_{319}\ \Phi_{87}^{2}\ \Phi_{33}^{4}\ \Phi_{29}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
125193	1680	1595	$\frac{2}{29}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{9}{29}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}^{2}\ \Phi_{29}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
125194	1680	2088	$\frac{2}{29}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{9}{29}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{522}\ \Phi_{348}\ \Phi_{174}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
125195	1680	1679	$\frac{83}{1679}$	$\frac{128}{1679}$	$\frac{399}{1679}$	$\frac{517}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125196	1680	715	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{9}{65}$	$\frac{4}{13}$	$\Phi_{715}^{3}\ \Phi_{143}\ \Phi_{55}^{3}$
125197	1680	1815	$\frac{1}{15}$	$\frac{10}{121}$	$\frac{21}{121}$	$\frac{37}{121}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{363}\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}$
125198	1680	46	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{11}{46}$	$\frac{7}{23}$	$\Phi_{46}^{48}\ \Phi_{23}^{25}\ \Phi_{2}^{48}\ \Phi_{1}^{26}$
125199	1680	69	$\frac{4}{69}$	$\frac{2}{23}$	$\frac{13}{69}$	$\frac{7}{23}$	$\Phi_{69}^{24}\ \Phi_{23}^{25}\ \Phi_{3}^{24}\ \Phi_{1}^{26}$
125200	1680	690	$\frac{1}{15}$	$\frac{2}{23}$	$\frac{1}{6}$	$\frac{7}{23}$	$\Phi_{690}^{3}\ \Phi_{345}^{2}\ \Phi_{230}^{3}\ \Phi_{138}^{2}\ \Phi_{115}^{2}\ \Phi_{69}\ \Phi_{46}^{2}\ \Phi_{30}^{6}\ \Phi_{23}^{2}\ \Phi_{15}^{4}\ \Phi_{10}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
125201	1680	23	$\frac{2}{23}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{7}{23}$	$\Phi_{23}^{73}\ \Phi_{1}^{74}$
125202	1680	2024	$\frac{2}{23}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{23}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{88}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}$
125203	1680	1679	$\frac{149}{1679}$	$\frac{167}{1679}$	$\frac{189}{1679}$	$\frac{510}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125204	1680	1899	$\frac{19}{211}$	$\frac{21}{211}$	$\frac{1}{9}$	$\frac{64}{211}$	$\Phi_{1899}\ \Phi_{633}$
125205	1680	1928	$\frac{21}{241}$	$\frac{22}{241}$	$\frac{1}{8}$	$\frac{73}{241}$	$\Phi_{1928}\ \Phi_{964}\ \Phi_{482}$
125206	1680	1679	$\frac{99}{1679}$	$\frac{158}{1679}$	$\frac{293}{1679}$	$\frac{507}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125207	1680	2105	$\frac{21}{421}$	$\frac{40}{421}$	$\frac{1}{5}$	$\frac{127}{421}$	Φ_{2105}
125208	1680	73	$\frac{3}{73}$	$\frac{7}{73}$	$\frac{17}{73}$	$\frac{22}{73}$	$\Phi_{73}^{23}\ \Phi_{1}^{24}$
125209	1680	790	$\frac{3}{79}$	$\frac{1}{10}$	$\frac{19}{79}$	$\frac{3}{10}$	$\Phi_{790}^{2}\ \Phi_{395}^{2}\ \Phi_{158}^{2}\ \Phi_{79}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
125210	1680	210	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{210}^{8}\ \Phi_{105}^{9}\ \Phi_{70}^{8}\ \Phi_{42}^{8}\ \Phi_{35}^{9}\ \Phi_{30}^{8}\ \Phi_{21}^{8}\ \Phi_{15}^{9}\ \Phi_{14}^{8}\ \Phi_{7}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{8}$
125211	1680	790	$\frac{4}{79}$	$\frac{1}{10}$	$\frac{15}{79}$	$\frac{3}{10}$	$\Phi_{790}^{2}\ \Phi_{395}^{2}\ \Phi_{158}^{2}\ \Phi_{79}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
125212	1680	510	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{510}^{4}\ \Phi_{255}^{4}\ \Phi_{170}^{2}\ \Phi_{102}^{5}\ \Phi_{85}^{2}\ \Phi_{51}^{5}\ \Phi_{34}^{3}\ \Phi_{17}^{2}$
125213	1680	790	$\frac{7}{79}$	$\frac{1}{10}$	$\frac{9}{79}$	$\frac{3}{10}$	$\Phi_{790}^{2}\ \Phi_{395}^{2}\ \Phi_{158}^{2}\ \Phi_{79}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
125214	1680	990	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{3}{10}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{330}^{2}\ \Phi_{198}^{2}\ \Phi_{165}^{2}\ \Phi_{99}^{3}\ \Phi_{66}^{2}\ \Phi_{33}^{3}$
125215	1680	1679	$\frac{84}{1679}$	$\frac{170}{1679}$	$\frac{319}{1679}$	$\frac{503}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125216	1680	1815	$\frac{1}{15}$	$\frac{13}{121}$	$\frac{17}{121}$	$\frac{36}{121}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{363}\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}$
125217	1680	1679	$\frac{59}{1679}$	$\frac{182}{1679}$	$\frac{405}{1679}$	$\frac{499}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125218	1680	1679	$\frac{118}{1679}$	$\frac{182}{1679}$	$\frac{223}{1679}$	$\frac{499}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125219	1680	1859	$\frac{1}{11}$	$\frac{17}{169}$	$\frac{19}{169}$	$\frac{50}{169}$	$\Phi_{1859}\ \Phi_{143}$
125220	1680	1679	$\frac{151}{1679}$	$\frac{169}{1679}$	$\frac{191}{1679}$	$\frac{496}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125221	1680	1679	$\frac{74}{1679}$	$\frac{194}{1679}$	$\frac{321}{1679}$	$\frac{495}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125222	1680	1928	$\frac{17}{241}$	$\frac{28}{241}$	$\frac{1}{8}$	$\frac{71}{241}$	$\Phi_{1928}\ \Phi_{964}\ \Phi_{482}$
125223	1680	1679	$\frac{103}{1679}$	$\frac{197}{1679}$	$\frac{237}{1679}$	$\frac{494}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
125224	1680	357	$\frac{1}{21}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{357}^{5}\ \Phi_{119}^{5}\ \Phi_{51}^{5}\ \Phi_{21}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{4}$
125225	1680	2022	$\frac{17}{337}$	$\frac{40}{337}$	$\frac{1}{6}$	$\frac{99}{337}$	$\Phi_{2022}\ \Phi_{1011}\ \Phi_{674}$
125226	1680	396	$\frac{1}{33}$	$\frac{4}{33}$	$\frac{1}{4}$	$\frac{29}{99}$	$\Phi_{396}^{8}\ \Phi_{198}^{8}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}^{8}\ \Phi_{22}\ \Phi_{18}^{8}\ \Phi_{12}\ \Phi_{6}$
125227	1680	1802	$\frac{1}{17}$	$\frac{13}{106}$	$\frac{15}{106}$	$\frac{31}{106}$	$\Phi_{1802}\ \Phi_{901}\ \Phi_{34}$
125228	1680	1679	$\frac{119}{1679}$	$\frac{195}{1679}$	$\frac{212}{1679}$	$\frac{489}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125229	1680	1679	$\frac{149}{1679}$	$\frac{153}{1679}$	$\frac{218}{1679}$	$\frac{487}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125230	1680	1859	$\frac{15}{169}$	$\frac{1}{11}$	$\frac{22}{169}$	$\frac{49}{169}$	$\Phi_{1859}\ \Phi_{143}$
125231	1680	1899	$\frac{15}{211}$	$\frac{1}{9}$	$\frac{28}{211}$	$\frac{61}{211}$	$\Phi_{1899}\ \Phi_{633}$
125232	1680	1679	$\frac{90}{1679}$	$\frac{227}{1679}$	$\frac{239}{1679}$	$\frac{484}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125233	1680	2022	$\frac{15}{337}$	$\frac{46}{337}$	$\frac{1}{6}$	$\frac{97}{337}$	$\Phi_{2022}\ \Phi_{1011}\ \Phi_{674}$
125234	1680	73	$\frac{3}{73}$	$\frac{10}{73}$	$\frac{13}{73}$	$\frac{21}{73}$	$\Phi_{73}^{23}\ \Phi_{1}^{24}$
125235	1680	2105	$\frac{15}{421}$	$\frac{58}{421}$	$\frac{1}{5}$	$\frac{121}{421}$	Φ_{2105}
125236	1680	259	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{9}{37}$	$\frac{2}{7}$	$\Phi_{259}^{6}\ \Phi_{37}^{9}\ \Phi_{7}^{8}\ \Phi_{1}^{12}$
125237	1680	252	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{252}^{7}\ \Phi_{126}^{7}\ \Phi_{84}^{7}\ \Phi_{63}^{7}\ \Phi_{42}^{7}\ \Phi_{36}^{6}\ \Phi_{28}^{7}\ \Phi_{21}^{4}\ \Phi_{18}^{6}\ \Phi_{14}^{7}\ \Phi_{12}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
125238	1680	1015	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{1015}^{2}\ \Phi_{145}^{3}$
125239	1680	259	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{259}^{6}\ \Phi_{37}^{9}\ \Phi_{7}^{8}\ \Phi_{1}^{12}$
125240	1680	952	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{952}^{2}\ \Phi_{476}^{2}\ \Phi_{238}^{2}\ \Phi_{136}^{3}\ \Phi_{68}^{3}\ \Phi_{34}^{3}$
125241	1680	777	$\frac{7}{111}$	$\frac{13}{111}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{777}^{2}\ \Phi_{259}^{2}\ \Phi_{111}^{3}\ \Phi_{37}^{3}\ \Phi_{21}^{2}\ \Phi_{7}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
125242	1680	315	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{315}^{6}\ \Phi_{105}^{4}\ \Phi_{63}^{4}\ \Phi_{45}^{9}\ \Phi_{35}^{4}\ \Phi_{21}^{2}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
125243	1680	1679	$\frac{43}{1679}$	$\frac{254}{1679}$	$\frac{409}{1679}$	$\frac{475}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125244	1680	429	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{2}{13}$	$\frac{11}{39}$	$\Phi_{429}^{6}\ \Phi_{143}\ \Phi_{33}^{6}$
125245	1680	1769	$\frac{1}{29}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	Φ_{1769}
125246	1680	1679	$\frac{76}{1679}$	$\frac{229}{1679}$	$\frac{290}{1679}$	$\frac{463}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125247	1680	1679	$\frac{87}{1679}$	$\frac{199}{1679}$	$\frac{296}{1679}$	$\frac{461}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125248	1680	1802	$\frac{1}{17}$	$\frac{11}{106}$	$\frac{19}{106}$	$\frac{29}{106}$	$\Phi_{1802}\ \Phi_{901}\ \Phi_{34}$
125249	1680	1529	$\frac{3}{139}$	$\frac{2}{11}$	$\frac{34}{139}$	$\frac{3}{11}$	$\Phi_{1529}\ \Phi_{139}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
125250	1680	1980	$\frac{1}{36}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}^{2}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
125251	1680	1529	$\frac{4}{139}$	$\frac{2}{11}$	$\frac{27}{139}$	$\frac{3}{11}$	$\Phi_{1529}\ \Phi_{139}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
125252	1680	1914	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1914}\ \Phi_{957}\ \Phi_{638}\ \Phi_{174}^{2}\ \Phi_{87}^{2}\ \Phi_{58}^{2}$
125253	1680	1529	$\frac{6}{139}$	$\frac{19}{139}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1529}\ \Phi_{139}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
125254	1680	1848	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{168}^{2}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}^{2}\ \Phi_{66}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
125255	1680	1529	$\frac{9}{139}$	$\frac{13}{139}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1529}\ \Phi_{139}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
125256	1680	165	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{165}^{11}\ \Phi_{55}^{11}\ \Phi_{33}^{11}\ \Phi_{15}^{10}\ \Phi_{5}^{10}\ \Phi_{3}^{10}$
125257	1680	1679	$\frac{109}{1679}$	$\frac{153}{1679}$	$\frac{314}{1679}$	$\frac{455}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125258	1680	2352	$\frac{1}{49}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{196}\ \Phi_{168}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
125259	1680	1679	$\frac{35}{1679}$	$\frac{317}{1679}$	$\frac{411}{1679}$	$\frac{454}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125260	1680	1679	$\frac{94}{1679}$	$\frac{175}{1679}$	$\frac{317}{1679}$	$\frac{454}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125261	1680	1899	$\frac{11}{211}$	$\frac{1}{9}$	$\frac{40}{211}$	$\frac{57}{211}$	$\Phi_{1899}\ \Phi_{633}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
125262	1680	1928	$\frac{11}{241}$	$\frac{1}{8}$	$\frac{46}{241}$	$\frac{65}{241}$	$\Phi_{1928}\ \Phi_{964}\ \Phi_{482}$
125263	1680	1679	$\frac{49}{1679}$	$\frac{307}{1679}$	$\frac{326}{1679}$	$\frac{451}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125264	1680	2105	$\frac{11}{421}$	$\frac{82}{421}$	$\frac{1}{5}$	$\frac{113}{421}$	Φ_{2105}
125265	1680	612	$\frac{1}{51}$	$\frac{10}{51}$	$\frac{1}{4}$	$\frac{41}{153}$	$\Phi_{612}^{5}\ \Phi_{306}^{5}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{36}^{5}\ \Phi_{34}\ \Phi_{18}^{5}\ \Phi_{12}\ \Phi_{6}$
125266	1680	1679	$\frac{44}{1679}$	$\frac{327}{1679}$	$\frac{338}{1679}$	$\frac{447}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125267	1680	1764	$\frac{1}{36}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
125268	1680	589	$\frac{1}{31}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{589}^{3}\ \Phi_{31}^{2}$
125269	1680	1769	$\frac{1}{29}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	Φ_{1769}
125270	1680	1679	$\frac{62}{1679}$	$\frac{231}{1679}$	$\frac{362}{1679}$	$\frac{439}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125271	1680	73	$\frac{3}{73}$	$\frac{9}{73}$	$\frac{16}{73}$	$\frac{19}{73}$	$\Phi_{73}^{23}\ \Phi_{1}^{24}$
125272	1680	594	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{594}^{4}\ \Phi_{297}^{4}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{54}^{4}\ \Phi_{33}\ \Phi_{18}\ \Phi_{6}$
125273	1680	1785	$\frac{1}{21}$	$\frac{9}{85}$	$\frac{19}{85}$	$\frac{22}{85}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}\ \Phi_{51}\ \Phi_{35}\ \Phi_{15}$
125274	1680	1679	$\frac{89}{1679}$	$\frac{159}{1679}$	$\frac{380}{1679}$	$\frac{433}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125275	1680	1815	$\frac{1}{15}$	$\frac{9}{121}$	$\frac{28}{121}$	$\frac{31}{121}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{363}\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}$
125276	1680	1679	$\frac{111}{1679}$	$\frac{125}{1679}$	$\frac{392}{1679}$	$\frac{429}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125277	1680	1859	$\frac{9}{169}$	$\frac{1}{11}$	$\frac{40}{169}$	$\frac{43}{169}$	$\Phi_{1859}\ \Phi_{143}$
125278	1680	1679	$\frac{75}{1679}$	$\frac{179}{1679}$	$\frac{401}{1679}$	$\frac{426}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125279	1680	1928	$\frac{9}{241}$	$\frac{1}{8}$	$\frac{58}{241}$	$\frac{61}{241}$	$\Phi_{1928}\ \Phi_{964}\ \Phi_{482}$
125280	1680	1679	$\frac{51}{1679}$	$\frac{251}{1679}$	$\frac{407}{1679}$	$\frac{424}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125281	1680	2022	$\frac{9}{337}$	$\frac{1}{6}$	$\frac{82}{337}$	$\frac{85}{337}$	$\Phi_{2022}\ \Phi_{1011}\ \Phi_{674}$
125282	1680	1679	$\frac{39}{1679}$	$\frac{314}{1679}$	$\frac{410}{1679}$	$\frac{423}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125283	1680	2105	$\frac{9}{421}$	$\frac{1}{5}$	$\frac{103}{421}$	$\frac{106}{421}$	Φ_{2105}
125284	1680	748	$\frac{3}{187}$	$\frac{46}{187}$	$\frac{1}{4}$	$\frac{47}{187}$	$\Phi_{748}^{3}\ \Phi_{374}^{3}\ \Phi_{68}^{3}\ \Phi_{44}^{3}\ \Phi_{34}^{3}\ \Phi_{22}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
125285	1680	2780	$\frac{3}{139}$	$\frac{1}{5}$	$\frac{34}{139}$	$\frac{1}{4}$	$\Phi_{2780}\ \Phi_{1390}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
125286	1680	2244	$\frac{13}{561}$	$\frac{106}{561}$	$\frac{137}{561}$	$\frac{1}{4}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{374}\ \Phi_{204}\ \Phi_{132}\ \Phi_{102}\ \Phi_{68}\ \Phi_{66}\ \Phi_{44}\ \Phi_{34}\ \Phi_{22}\ \Phi_{12}\ \Phi_{6}$
125287	1680	444	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{9}{37}$	$\frac{1}{4}$	$\Phi_{444}^{6}\ \Phi_{222}^{3}\ \Phi_{148}^{3}\ \Phi_{111}^{3}\ \Phi_{37}^{3}\ \Phi_{12}^{8}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
125288	1680	132	$\frac{1}{33}$	$\frac{5}{33}$	$\frac{8}{33}$	$\frac{1}{4}$	$\Phi_{132}^{17}\ \Phi_{66}^{17}\ \Phi_{44}^{17}\ \Phi_{22}^{17}\ \Phi_{12}^{17}\ \Phi_{6}^{17}\ \Phi_{4}^{16}\ \Phi_{2}^{16}$
125289	1680	632	$\frac{3}{79}$	$\frac{1}{8}$	$\frac{19}{79}$	$\frac{1}{4}$	$\Phi_{632}^{3}\ \Phi_{316}^{2}\ \Phi_{158}^{2}\ \Phi_{79}^{3}\ \Phi_{8}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
125290	1680	828	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{11}{46}$	$\frac{1}{4}$	$\Phi_{828}^{3}\ \Phi_{414}\ \Phi_{276}^{3}\ \Phi_{207}^{2}\ \Phi_{138}\ \Phi_{69}^{2}\ \Phi_{36}^{4}\ \Phi_{18}^{2}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
125291	1680	2244	$\frac{25}{561}$	$\frac{61}{561}$	$\frac{134}{561}$	$\frac{1}{4}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{374}\ \Phi_{204}\ \Phi_{132}\ \Phi_{102}\ \Phi_{68}\ \Phi_{66}\ \Phi_{44}\ \Phi_{34}\ \Phi_{22}\ \Phi_{12}\ \Phi_{6}$
125292	1680	220	$\frac{3}{55}$	$\frac{1}{11}$	$\frac{13}{55}$	$\frac{1}{4}$	$\Phi_{220}^{10}\ \Phi_{110}^{10}\ \Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_{20}^{10}\ \Phi_{10}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}$
125293	1680	612	$\frac{1}{17}$	$\frac{13}{153}$	$\frac{4}{17}$	$\frac{1}{4}$	$\Phi_{612}^{4}\ \Phi_{306}^{4}\ \Phi_{204}^{4}\ \Phi_{102}^{4}\ \Phi_{68}\ \Phi_{36}^{4}\ \Phi_{34}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}$
125294	1680	2244	$\frac{37}{561}$	$\frac{43}{561}$	$\frac{131}{561}$	$\frac{1}{4}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{374}\ \Phi_{204}\ \Phi_{132}\ \Phi_{102}\ \Phi_{68}\ \Phi_{66}\ \Phi_{44}\ \Phi_{34}\ \Phi_{22}\ \Phi_{12}\ \Phi_{6}$
125295	1680	780	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{780}^{3}\ \Phi_{390}^{3}\ \Phi_{260}^{3}\ \Phi_{156}^{3}\ \Phi_{130}^{3}\ \Phi_{78}^{3}\ \Phi_{60}^{4}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}$
125296	1680	2244	$\frac{31}{561}$	$\frac{53}{561}$	$\frac{127}{561}$	$\frac{1}{4}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{374}\ \Phi_{204}\ \Phi_{132}\ \Phi_{102}\ \Phi_{68}\ \Phi_{66}\ \Phi_{44}\ \Phi_{34}\ \Phi_{22}\ \Phi_{12}\ \Phi_{6}$
125297	1680	252	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{252}^{9}\ \Phi_{126}^{9}\ \Phi_{84}^{10}\ \Phi_{42}^{10}\ \Phi_{36}^{6}\ \Phi_{28}^{10}\ \Phi_{18}^{6}\ \Phi_{14}^{10}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
125298	1680	204	$\frac{2}{51}$	$\frac{7}{51}$	$\frac{11}{51}$	$\frac{1}{4}$	$\Phi_{204}^{11}\ \Phi_{102}^{11}\ \Phi_{68}^{11}\ \Phi_{34}^{11}\ \Phi_{12}^{11}\ \Phi_{6}^{11}\ \Phi_{4}^{10}\ \Phi_{2}^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
125299	1680	2204	$\frac{1}{29}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{2204}\ \Phi_{1102}\ \Phi_{116}^2\ \Phi_{58}^2$
125300	1680	2244	$\frac{16}{561}$	$\frac{109}{561}$	$\frac{113}{561}$	$\frac{1}{4}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{374}\ \Phi_{204}\ \Phi_{132}\ \Phi_{102}\ \Phi_{68}\ \Phi_{66}\ \Phi_{44}\ \Phi_{34}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
125301	1680	180	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^9\ \Phi_{90}^9\ \Phi_{60}^9\ \Phi_{45}^9\ \Phi_{36}^{12}\ \Phi_{30}^9\ \Phi_{20}^6\ \Phi_{18}^{12}\ \Phi_{15}^9\ \Phi_{12}^{12}\ \Phi_{10}^6\ \Phi_9^{12}\ \Phi_6^{12}\ \Phi_5^9\ \Phi_4^8\ \Phi_3^{12}\ \Phi_2^8\ \Phi_1^{12}$
125302	1680	2780	$\frac{4}{139}$	$\frac{27}{139}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2780}\ \Phi_{1390}\ \Phi_{20}^2\ \Phi_{10}^2$
125303	1680	1740	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1740}^2\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{145}$
125304	1680	2780	$\frac{6}{139}$	$\frac{19}{139}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2780}\ \Phi_{1390}\ \Phi_{20}^2\ \Phi_{10}^2$
125305	1680	840	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{840}^3\ \Phi_{420}^2\ \Phi_{280}^3\ \Phi_{210}^2\ \Phi_{140}^2\ \Phi_{120}^3\ \Phi_{105}^3\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{15}^3$
125306	1680	2780	$\frac{9}{139}$	$\frac{13}{139}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2780}\ \Phi_{1390}\ \Phi_{20}^2\ \Phi_{10}^2$
125307	1680	660	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{220}^3\ \Phi_{132}^4\ \Phi_{110}^3\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{22}^4$
125308	1680	632	$\frac{4}{79}$	$\frac{1}{8}$	$\frac{15}{79}$	$\frac{1}{4}$	$\Phi_{632}^3\ \Phi_{316}^2\ \Phi_{158}^2\ \Phi_{79}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
125309	1680	2244	$\frac{31}{561}$	$\frac{65}{561}$	$\frac{106}{561}$	$\frac{1}{4}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{374}\ \Phi_{204}\ \Phi_{132}\ \Phi_{102}\ \Phi_{68}\ \Phi_{66}\ \Phi_{44}\ \Phi_{34}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
125310	1680	828	$\frac{4}{69}$	$\frac{1}{9}$	$\frac{13}{69}$	$\frac{1}{4}$	$\Phi_{828}^3\ \Phi_{414}^3\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
125311	1680	748	$\frac{12}{187}$	$\frac{19}{187}$	$\frac{35}{187}$	$\frac{1}{4}$	$\Phi_{748}^3\ \Phi_{374}^3\ \Phi_{68}^3\ \Phi_{44}^3\ \Phi_{34}^3\ \Phi_{22}^3\ \Phi_4^2\ \Phi_2^2$
125312	1680	484	$\frac{9}{121}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{4}$	$\Phi_{484}^5\ \Phi_{242}^5\ \Phi_{44}\ \Phi_{22}$
125313	1680	780	$\frac{1}{15}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{4}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{260}^3\ \Phi_{156}^2\ \Phi_{130}^3\ \Phi_{78}^2\ \Phi_{60}^4\ \Phi_{52}^2\ \Phi_{30}^4\ \Phi_{26}^2\ \Phi_{20}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
125314	1680	68	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{68}^{33}\ \Phi_{34}^{33}\ \Phi_4^{32}\ \Phi_2^{32}$
125315	1680	2244	$\frac{29}{561}$	$\frac{76}{561}$	$\frac{97}{561}$	$\frac{1}{4}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{374}\ \Phi_{204}\ \Phi_{132}\ \Phi_{102}\ \Phi_{68}\ \Phi_{66}\ \Phi_{44}\ \Phi_{34}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
125316	1680	444	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{444}^6\ \Phi_{222}^3\ \Phi_{148}^3\ \Phi_{111}^3\ \Phi_{37}^3\ \Phi_{12}^8\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
125317	1680	408	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{408}^6\ \Phi_{204}^4\ \Phi_{136}^3\ \Phi_{102}^5\ \Phi_{68}^2\ \Phi_{51}^5\ \Phi_{34}^3\ \Phi_{17}^2$
125318	1680	444	$\frac{7}{111}$	$\frac{13}{111}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{444}^5\ \Phi_{222}^2\ \Phi_{148}^5\ \Phi_{111}^3\ \Phi_{74}^2\ \Phi_{37}^3\ \Phi_{12}^7\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
125319	1680	180	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{180}^{15}\ \Phi_{90}^6\ \Phi_{60}^{10}\ \Phi_{45}^9\ \Phi_{36}^{10}\ \Phi_{30}^4\ \Phi_{20}^{10}\ \Phi_{18}^4\ \Phi_{15}^6\ \Phi_{12}^7\ \Phi_{10}^4\ \Phi_9^6\ \Phi_6^3\ \Phi_5^6\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
125320	1680	132	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{4}$	$\Phi_{132}^{20}\ \Phi_{66}^{20}\ \Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_{12}^{20}\ \Phi_6^{20}\ \Phi_4^{10}\ \Phi_2^{10}$
125321	1680	828	$\frac{2}{23}$	$\frac{1}{9}$	$\frac{3}{23}$	$\frac{1}{4}$	$\Phi_{828}^3\ \Phi_{414}^3\ \Phi_{276}^3\ \Phi_{138}^3\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_6^4$
125322	1680	2244	$\frac{50}{561}$	$\frac{61}{561}$	$\frac{73}{561}$	$\frac{1}{4}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{374}\ \Phi_{204}\ \Phi_{132}\ \Phi_{102}\ \Phi_{68}\ \Phi_{66}\ \Phi_{44}\ \Phi_{34}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
125323	1680	220	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{4}$	$\Phi_{220}^{10}\ \Phi_{110}^{10}\ \Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_{20}^{10}\ \Phi_{10}^{10}\ \Phi_4^{10}\ \Phi_2^{10}$
125324	1680	2244	$\frac{49}{561}$	$\frac{64}{561}$	$\frac{71}{561}$	$\frac{1}{4}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{374}\ \Phi_{204}\ \Phi_{132}\ \Phi_{102}\ \Phi_{68}\ \Phi_{66}\ \Phi_{44}\ \Phi_{34}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
125325	1680	632	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{632}^3\ \Phi_{316}^2\ \Phi_{158}^2\ \Phi_{79}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
125326	1680	792	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{792}^3\ \Phi_{396}^2\ \Phi_{264}^3\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^3\ \Phi_{66}^2\ \Phi_{33}^3$
125327	1680	1577	$\frac{3}{83}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{20}{83}$	$\Phi_{1577}\ \Phi_{83}^2\ \Phi_{19}^2\ \Phi_1^4$
125328	1680	2490	$\frac{3}{83}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{20}{83}$	$\Phi_{2490}\ \Phi_{1245}\ \Phi_{830}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
125329	1680	1679	$\frac{63}{1679}$	$\frac{255}{1679}$	$\frac{356}{1679}$	$\frac{404}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
125330	1680	1975	$\frac{3}{79}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{19}{79}$	$\Phi_{1975}\ \Phi_{79}\ \Phi_{25}^2\ \Phi_1^2$
125331	1680	2022	$\frac{13}{337}$	$\frac{1}{6}$	$\frac{64}{337}$	$\frac{81}{337}$	$\Phi_{2022}\ \Phi_{1011}\ \Phi_{674}$
125332	1680	1679	$\frac{67}{1679}$	$\frac{272}{1679}$	$\frac{319}{1679}$	$\frac{403}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
125333	1680	2105	$\frac{17}{421}$	$\frac{64}{421}$	$\frac{1}{5}$	$\frac{101}{421}$	Φ_{2105}
125334	1680	46	$\frac{1}{23}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{11}{46}$	$\Phi_{46}^{48}\ \Phi_{23}^{25}\ \Phi_2^{48}\ \Phi_1^{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
125335	1680	1610	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{11}{46}$	$\Phi_{1610}^{2}\ \Phi_{805}\ \Phi_{70}^{2}\ \Phi_{35}^{2}$
125336	1680	531	$\frac{3}{59}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{14}{59}$	$\Phi_{531}^{3}\ \Phi_{177}^{3}\ \Phi_{59}^{4}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
125337	1680	2360	$\frac{3}{59}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{14}{59}$	$\Phi_{2360}\ \Phi_{1180}\ \Phi_{590}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
125338	1680	1679	$\frac{87}{1679}$	$\frac{183}{1679}$	$\frac{374}{1679}$	$\frac{398}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125339	1680	1928	$\frac{13}{241}$	$\frac{1}{8}$	$\frac{46}{241}$	$\frac{57}{241}$	$\Phi_{1928}\ \Phi_{964}\ \Phi_{482}$
125340	1680	1595	$\frac{3}{55}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{13}{55}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}^{2}\ \Phi_{29}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
125341	1680	2310	$\frac{3}{55}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{13}{55}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{231}\ \Phi_{210}\ \Phi_{154}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}$
125342	1680	1679	$\frac{99}{1679}$	$\frac{194}{1679}$	$\frac{321}{1679}$	$\frac{395}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125343	1680	1679	$\frac{99}{1679}$	$\frac{214}{1679}$	$\frac{293}{1679}$	$\frac{395}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125344	1680	2105	$\frac{25}{421}$	$\frac{46}{421}$	$\frac{1}{5}$	$\frac{99}{421}$	Φ_{2105}
125345	1680	1967	$\frac{17}{281}$	$\frac{1}{7}$	$\frac{43}{281}$	$\frac{66}{281}$	Φ_{1967}
125346	1680	1679	$\frac{103}{1679}$	$\frac{237}{1679}$	$\frac{257}{1679}$	$\frac{394}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125347	1680	2022	$\frac{21}{337}$	$\frac{43}{337}$	$\frac{1}{6}$	$\frac{79}{337}$	$\Phi_{2022}\ \Phi_{1011}\ \Phi_{674}$
125348	1680	799	$\frac{3}{47}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{11}{47}$	$\Phi_{799}^{2}\ \Phi_{47}^{3}\ \Phi_{17}^{4}\ \Phi_{1}^{6}$
125349	1680	1128	$\frac{3}{47}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{11}{47}$	$\Phi_{1128}^{2}\ \Phi_{564}^{2}\ \Phi_{376}\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{47}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
125350	1680	73	$\frac{5}{73}$	$\frac{8}{73}$	$\frac{13}{73}$	$\frac{17}{73}$	$\Phi_{73}^{23}\ \Phi_{1}^{24}$
125351	1680	1928	$\frac{17}{241}$	$\frac{1}{8}$	$\frac{37}{241}$	$\frac{56}{241}$	$\Phi_{1928}\ \Phi_{964}\ \Phi_{482}$
125352	1680	1679	$\frac{123}{1679}$	$\frac{203}{1679}$	$\frac{258}{1679}$	$\frac{389}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125353	1680	2022	$\frac{25}{337}$	$\frac{37}{337}$	$\frac{1}{6}$	$\frac{78}{337}$	$\Phi_{2022}\ \Phi_{1011}\ \Phi_{674}$
125354	1680	286	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{5}{26}$	$\frac{3}{13}$	$\Phi_{286}^{8}\ \Phi_{143}^{5}\ \Phi_{22}^{8}\ \Phi_{11}^{4}$
125355	1680	533	$\frac{1}{13}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{3}{13}$	$\Phi_{533}^{3}\ \Phi_{41}^{4}\ \Phi_{13}^{6}\ \Phi_{1}^{8}$
125356	1680	728	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{13}$	$\Phi_{728}^{3}\ \Phi_{364}^{3}\ \Phi_{182}^{3}\ \Phi_{56}^{4}\ \Phi_{28}^{4}\ \Phi_{14}^{4}$
125357	1680	1679	$\frac{143}{1679}$	$\frac{185}{1679}$	$\frac{249}{1679}$	$\frac{384}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125358	1680	1928	$\frac{21}{241}$	$\frac{1}{8}$	$\frac{31}{241}$	$\frac{55}{241}$	$\Phi_{1928}\ \Phi_{964}\ \Phi_{482}$
125359	1680	1679	$\frac{147}{1679}$	$\frac{209}{1679}$	$\frac{216}{1679}$	$\frac{383}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125360	1680	1967	$\frac{25}{281}$	$\frac{31}{281}$	$\frac{1}{7}$	$\frac{64}{281}$	Φ_{1967}
125361	1680	720	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{80}^{4}\ \Phi_{60}^{3}\ \Phi_{40}^{4}\ \Phi_{30}^{3}\ \Phi_{20}^{4}\ \Phi_{10}^{4}$
125362	1680	531	$\frac{4}{59}$	$\frac{1}{9}$	$\frac{11}{59}$	$\frac{2}{9}$	$\Phi_{531}^{3}\ \Phi_{177}^{3}\ \Phi_{59}^{4}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
125363	1680	234	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{2}{9}$	$\Phi_{234}^{9}\ \Phi_{117}^{6}\ \Phi_{78}^{10}\ \Phi_{39}^{7}\ \Phi_{26}^{10}\ \Phi_{13}^{6}$
125364	1680	531	$\frac{5}{59}$	$\frac{1}{9}$	$\frac{9}{59}$	$\frac{2}{9}$	$\Phi_{531}^{3}\ \Phi_{177}^{3}\ \Phi_{59}^{4}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
125365	1680	693	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{9}$	$\Phi_{693}^{3}\ \Phi_{231}^{3}\ \Phi_{77}^{4}$
125366	1680	1808	$\frac{1}{16}$	$\frac{13}{113}$	$\frac{22}{113}$	$\frac{25}{113}$	$\Phi_{1808}\ \Phi_{904}\ \Phi_{452}\ \Phi_{226}$
125367	1680	1679	$\frac{109}{1679}$	$\frac{195}{1679}$	$\frac{314}{1679}$	$\frac{371}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125368	1680	1833	$\frac{1}{13}$	$\frac{17}{141}$	$\frac{22}{141}$	$\frac{31}{141}$	$\Phi_{1833}\ \Phi_{611}\ \Phi_{39}$
125369	1680	1679	$\frac{131}{1679}$	$\frac{203}{1679}$	$\frac{258}{1679}$	$\frac{369}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125370	1680	1859	$\frac{1}{11}$	$\frac{21}{169}$	$\frac{22}{169}$	$\frac{37}{169}$	$\Phi_{1859}\ \Phi_{143}$
125371	1680	69	$\frac{4}{69}$	$\frac{3}{23}$	$\frac{13}{69}$	$\frac{5}{23}$	$\Phi_{69}^{24}\ \Phi_{23}^{25}\ \Phi_{3}^{24}\ \Phi_{1}^{26}$
125372	1680	299	$\frac{19}{299}$	$\frac{3}{23}$	$\frac{4}{23}$	$\frac{5}{23}$	$\Phi_{299}^{6}\ \Phi_{23}\ \Phi_{13}^{6}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
125373	1680	690	$\frac{1}{15}$	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{5}{23}$	$\Phi_{690}^3\ \Phi_{345}^2\ \Phi_{230}^3\ \Phi_{138}^2\ \Phi_{115}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{30}^6\ \Phi_{23}^2\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
125374	1680	23	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{3}{23}$	$\frac{5}{23}$	$\Phi_{23}^{73}\ \Phi_1^{74}$
125375	1680	2024	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{3}{23}$	$\frac{5}{23}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}^2$
125376	1680	1967	$\frac{22}{281}$	$\frac{37}{281}$	$\frac{1}{7}$	$\frac{61}{281}$	Φ_{1967}
125377	1680	1679	$\frac{118}{1679}$	$\frac{223}{1679}$	$\frac{263}{1679}$	$\frac{364}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
125378	1680	2022	$\frac{22}{337}$	$\frac{45}{337}$	$\frac{1}{6}$	$\frac{73}{337}$	$\Phi_{2022}\ \Phi_{1011}\ \Phi_{674}$
125379	1680	1679	$\frac{90}{1679}$	$\frac{227}{1679}$	$\frac{329}{1679}$	$\frac{363}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
125380	1680	1679	$\frac{94}{1679}$	$\frac{227}{1679}$	$\frac{317}{1679}$	$\frac{363}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
125381	1680	2105	$\frac{22}{421}$	$\frac{57}{421}$	$\frac{1}{5}$	$\frac{91}{421}$	Φ_{2105}
125382	1680	1815	$\frac{1}{15}$	$\frac{17}{121}$	$\frac{19}{121}$	$\frac{26}{121}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{363}\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}$
125383	1680	1679	$\frac{132}{1679}$	$\frac{221}{1679}$	$\frac{243}{1679}$	$\frac{359}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
125384	1680	1859	$\frac{1}{11}$	$\frac{19}{169}$	$\frac{25}{169}$	$\frac{36}{169}$	$\Phi_{1859}\ \Phi_{143}$
125385	1680	1679	$\frac{149}{1679}$	$\frac{189}{1679}$	$\frac{255}{1679}$	$\frac{356}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
125386	1680	1928	$\frac{19}{241}$	$\frac{1}{8}$	$\frac{37}{241}$	$\frac{51}{241}$	$\Phi_{1928}\ \Phi_{964}\ \Phi_{482}$
125387	1680	1679	$\frac{101}{1679}$	$\frac{263}{1679}$	$\frac{265}{1679}$	$\frac{354}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
125388	1680	2022	$\frac{19}{337}$	$\frac{53}{337}$	$\frac{1}{6}$	$\frac{71}{337}$	$\Phi_{2022}\ \Phi_{1011}\ \Phi_{674}$
125389	1680	2090	$\frac{1}{22}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{2090}\ \Phi_{1045}\ \Phi_{190}\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{10}^2$
125390	1680	1577	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1577}\ \Phi_{83}^2\ \Phi_{19}^2\ \Phi_1^4$
125391	1680	1995	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{21}^2$
125392	1680	1577	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1577}\ \Phi_{83}^2\ \Phi_{19}^2\ \Phi_1^4$
125393	1680	1976	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1976}\ \Phi_{988}\ \Phi_{494}\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{26}^2$
125394	1680	1782	$\frac{1}{22}$	$\frac{13}{81}$	$\frac{16}{81}$	$\frac{17}{81}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{162}\ \Phi_{99}\ \Phi_{66}\ \Phi_{54}\ \Phi_{33}\ \Phi_{18}\ \Phi_6$
125395	1680	1679	$\frac{95}{1679}$	$\frac{264}{1679}$	$\frac{283}{1679}$	$\frac{349}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
125396	1680	1679	$\frac{111}{1679}$	$\frac{224}{1679}$	$\frac{291}{1679}$	$\frac{347}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
125397	1680	1815	$\frac{1}{15}$	$\frac{16}{121}$	$\frac{21}{121}$	$\frac{25}{121}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{363}\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}$
125398	1680	1833	$\frac{1}{13}$	$\frac{16}{141}$	$\frac{25}{141}$	$\frac{29}{141}$	$\Phi_{1833}\ \Phi_{611}\ \Phi_{39}$
125399	1680	1679	$\frac{124}{1679}$	$\frac{191}{1679}$	$\frac{311}{1679}$	$\frac{342}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
125400	1680	1928	$\frac{16}{241}$	$\frac{1}{8}$	$\frac{45}{241}$	$\frac{49}{241}$	$\Phi_{1928}\ \Phi_{964}\ \Phi_{482}$
125401	1680	1679	$\frac{104}{1679}$	$\frac{223}{1679}$	$\frac{315}{1679}$	$\frac{341}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
125402	1680	1967	$\frac{16}{281}$	$\frac{1}{7}$	$\frac{53}{281}$	$\frac{57}{281}$	Φ_{1967}
125403	1680	1679	$\frac{64}{1679}$	$\frac{323}{1679}$	$\frac{335}{1679}$	$\frac{339}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
125404	1680	2105	$\frac{16}{421}$	$\frac{81}{421}$	$\frac{1}{5}$	$\frac{85}{421}$	Φ_{2105}
125405	1680	130	$\frac{1}{26}$	$\frac{5}{26}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{130}^{12}\ \Phi_{65}^{12}\ \Phi_{26}^{16}\ \Phi_{13}^{16}\ \Phi_{10}^{12}\ \Phi_5^{15}\ \Phi_2^{16}\ \Phi_1^{20}$
125406	1680	330	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{330}^6\ \Phi_{165}^6\ \Phi_{110}^3\ \Phi_{66}^8\ \Phi_{55}^3\ \Phi_{33}^8\ \Phi_{30}^3\ \Phi_{22}^4\ \Phi_{15}^3\ \Phi_{11}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
125407	1680	525	$\frac{1}{21}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{525}^4\ \Phi_{175}^4\ \Phi_{105}\ \Phi_{75}^4\ \Phi_{35}\ \Phi_{15}$
125408	1680	260	$\frac{3}{52}$	$\frac{7}{52}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{260}^6\ \Phi_{130}^6\ \Phi_{65}^6\ \Phi_{52}^8\ \Phi_{26}^8\ \Phi_{20}^6\ \Phi_{13}^8\ \Phi_{10}^6\ \Phi_5^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{12}$
125409	1680	80	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{80}^{21}\ \Phi_{40}^{18}\ \Phi_{20}^{18}\ \Phi_{16}^{28}\ \Phi_{10}^{18}\ \Phi_8^{24}\ \Phi_5^{21}\ \Phi_4^{24}\ \Phi_2^{24}\ \Phi_1^{28}$
125410	1680	195	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{195}^9\ \Phi_{65}^6\ \Phi_{39}^{12}\ \Phi_{15}^9\ \Phi_{13}^8\ \Phi_5^9\ \Phi_3^{12}\ \Phi_1^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
125411	1680	1975	$\frac{4}{79}$	$\frac{4}{25}$	$\frac{15}{79}$	$\frac{1}{5}$	$\Phi_{1975}\ \Phi_{79}\ \Phi_{25}^2\ \Phi_1^2$
125412	1680	2415	$\frac{4}{69}$	$\frac{1}{7}$	$\frac{13}{69}$	$\frac{1}{5}$	$\Phi_{2415}\ \Phi_{805}\ \Phi_{105}\ \Phi_{35}^2$
125413	1680	2105	$\frac{26}{421}$	$\frac{57}{421}$	$\frac{79}{421}$	$\frac{1}{5}$	Φ_{2105}
125414	1680	2360	$\frac{4}{59}$	$\frac{1}{8}$	$\frac{11}{59}$	$\frac{1}{5}$	$\Phi_{2360}\ \Phi_{1180}\ \Phi_{590}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
125415	1680	2105	$\frac{31}{421}$	$\frac{49}{421}$	$\frac{78}{421}$	$\frac{1}{5}$	Φ_{2105}
125416	1680	1105	$\frac{1}{13}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{5}$	$\Phi_{1105}^2\ \Phi_{65}^3$
125417	1680	2105	$\frac{29}{421}$	$\frac{56}{421}$	$\frac{73}{421}$	$\frac{1}{5}$	Φ_{2105}
125418	1680	435	$\frac{1}{15}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{5}$	$\Phi_{435}^4\ \Phi_{145}^3\ \Phi_{87}^4\ \Phi_{29}^4\ \Phi_{15}^8\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
125419	1680	2105	$\frac{25}{421}$	$\frac{66}{421}$	$\frac{71}{421}$	$\frac{1}{5}$	Φ_{2105}
125420	1680	2550	$\frac{1}{17}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2550}\ \Phi_{1275}\ \Phi_{850}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
125421	1680	2490	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2490}\ \Phi_{1245}\ \Phi_{830}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
125422	1680	210	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{210}^{11}\ \Phi_{105}^7\ \Phi_{70}^{11}\ \Phi_{42}^{12}\ \Phi_{35}^8\ \Phi_{21}^8\ \Phi_{14}^{12}\ \Phi_7^8$
125423	1680	2490	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2490}\ \Phi_{1245}\ \Phi_{830}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
125424	1680	1560	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1560}^2\ \Phi_{780}^2\ \Phi_{520}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{65}$
125425	1680	1975	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1975}\ \Phi_{79}\ \Phi_{25}^2\ \Phi_1^2$
125426	1680	2475	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{2475}\ \Phi_{825}\ \Phi_{99}\ \Phi_{33}$
125427	1680	2360	$\frac{5}{59}$	$\frac{1}{8}$	$\frac{9}{59}$	$\frac{1}{5}$	$\Phi_{2360}\ \Phi_{1180}\ \Phi_{590}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
125428	1680	2105	$\frac{37}{421}$	$\frac{51}{421}$	$\frac{64}{421}$	$\frac{1}{5}$	Φ_{2105}
125429	1680	2255	$\frac{1}{11}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{5}$	$\Phi_{2255}\ \Phi_{55}^2$
125430	1680	2105	$\frac{36}{421}$	$\frac{55}{421}$	$\frac{61}{421}$	$\frac{1}{5}$	Φ_{2105}
125431	1680	805	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{805}^3\ \Phi_{35}^4$
125432	1680	3080	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{3080}\ \Phi_{1540}\ \Phi_{770}$
125433	1680	1599	$\frac{4}{39}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{7}{39}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}\ \Phi_{41}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
125434	1680	2184	$\frac{4}{39}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{39}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{182}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
125435	1680	1679	$\frac{179}{1679}$	$\frac{197}{1679}$	$\frac{247}{1679}$	$\frac{300}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
125436	1680	1928	$\frac{26}{241}$	$\frac{1}{8}$	$\frac{33}{241}$	$\frac{43}{241}$	$\Phi_{1928}\ \Phi_{964}\ \Phi_{482}$
125437	1680	73	$\frac{8}{73}$	$\frac{9}{73}$	$\frac{10}{73}$	$\frac{13}{73}$	$\Phi_{73}^{23}\ \Phi_1^{24}$
125438	1680	1967	$\frac{31}{281}$	$\frac{33}{281}$	$\frac{1}{7}$	$\frac{50}{281}$	Φ_{1967}
125439	1680	799	$\frac{5}{47}$	$\frac{2}{17}$	$\frac{7}{47}$	$\frac{3}{17}$	$\Phi_{799}^2\ \Phi_{47}^3\ \Phi_{17}^4\ \Phi_1^6$
125440	1680	1071	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{3}{17}$	$\Phi_{1071}^2\ \Phi_{357}^2\ \Phi_{63}^3\ \Phi_{21}^3$
125441	1680	1679	$\frac{173}{1679}$	$\frac{204}{1679}$	$\frac{251}{1679}$	$\frac{295}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
125442	1680	1899	$\frac{1}{9}$	$\frac{26}{211}$	$\frac{29}{211}$	$\frac{37}{211}$	$\Phi_{1899}\ \Phi_{633}$
125443	1680	1679	$\frac{181}{1679}$	$\frac{214}{1679}$	$\frac{231}{1679}$	$\frac{293}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$
125444	1680	1967	$\frac{29}{281}$	$\frac{36}{281}$	$\frac{1}{7}$	$\frac{49}{281}$	Φ_{1967}
125445	1680	957	$\frac{1}{11}$	$\frac{4}{29}$	$\frac{5}{33}$	$\frac{5}{29}$	$\Phi_{957}^2\ \Phi_{319}\ \Phi_{87}^2\ \Phi_{33}^4\ \Phi_{29}^2\ \Phi_{11}^2\ \Phi_3^4\ \Phi_1^4$
125446	1680	1595	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{4}{29}$	$\frac{5}{29}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}\ \Phi_{55}^2\ \Phi_{29}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
125447	1680	2088	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{29}$	$\frac{5}{29}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{522}\ \Phi_{348}\ \Phi_{174}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
125448	1680	1679	$\frac{174}{1679}$	$\frac{215}{1679}$	$\frac{244}{1679}$	$\frac{287}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
125449	1680	1899	$\frac{1}{9}$	$\frac{25}{211}$	$\frac{31}{211}$	$\frac{36}{211}$	$\Phi_{1899}\ \Phi_{633}$
125450	1680	1679	$\frac{185}{1679}$	$\frac{199}{1679}$	$\frac{249}{1679}$	$\frac{286}{1679}$	$\Phi_{1679}\ \Phi_{73}\ \Phi_{23}\ \Phi_{1}^{2}$
125451	1680	1928	$\frac{25}{241}$	$\frac{1}{8}$	$\frac{36}{241}$	$\frac{41}{241}$	$\Phi_{1928}\ \Phi_{964}\ \Phi_{482}$
125452	1680	462	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{33}$	$\frac{1}{6}$	$\Phi_{462}^{5}\ \Phi_{231}^{3}\ \Phi_{154}^{5}\ \Phi_{77}^{4}\ \Phi_{42}^{6}\ \Phi_{21}^{4}\ \Phi_{14}^{6}\ \Phi_{7}^{4}$
125453	1680	1128	$\frac{5}{47}$	$\frac{1}{8}$	$\frac{7}{47}$	$\frac{1}{6}$	$\Phi_{1128}^{2}\ \Phi_{564}^{2}\ \Phi_{376}\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{47}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
125454	1680	2022	$\frac{37}{337}$	$\frac{41}{337}$	$\frac{50}{337}$	$\frac{1}{6}$	$\Phi_{2022}\ \Phi_{1011}\ \Phi_{674}$
125455	1680	738	$\frac{1}{9}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{6}$	$\Phi_{738}^{3}\ \Phi_{369}^{2}\ \Phi_{246}^{2}\ \Phi_{123}\ \Phi_{82}^{2}\ \Phi_{41}^{2}\ \Phi_{18}^{6}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
125456	1680	2022	$\frac{36}{337}$	$\frac{43}{337}$	$\frac{49}{337}$	$\frac{1}{6}$	$\Phi_{2022}\ \Phi_{1011}\ \Phi_{674}$
125457	1680	2310	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{231}\ \Phi_{210}\ \Phi_{154}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}$
125458	1680	504	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{504}^{5}\ \Phi_{252}^{5}\ \Phi_{168}^{3}\ \Phi_{126}^{2}\ \Phi_{84}^{3}\ \Phi_{63}^{3}\ \Phi_{56}^{4}\ \Phi_{42}\ \Phi_{28}^{4}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}$
125459	1681	2688	$\frac{1}{336}$	$\frac{337}{1344}$	$\frac{1007}{2688}$	$\frac{335}{672}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{672}\ \Phi_{384}\ \Phi_{224}\ \Phi_{128}\ \Phi_{96}\ \Phi_{32}\ \Phi_{1}$
125460	1681	2244	$\frac{2}{561}$	$\frac{563}{2244}$	$\frac{1}{3}$	$\frac{559}{1122}$	$\Phi_{2244}\ \Phi_{748}\ \Phi_{561}\ \Phi_{204}\ \Phi_{187}\ \Phi_{132}\ \Phi_{68}\ \Phi_{51}\ \Phi_{44}\ \Phi_{33}\ \Phi_{17}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
125461	1681	2880	$\frac{1}{240}$	$\frac{241}{1440}$	$\frac{1199}{2880}$	$\frac{239}{480}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{480}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
125462	1681	3348	$\frac{7}{1674}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1667}{3348}$	$\Phi_{3348}\ \Phi_{1116}\ \Phi_{372}\ \Phi_{124}\ \Phi_{108}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
125463	1681	3136	$\frac{1}{112}$	$\frac{113}{1568}$	$\frac{1455}{3136}$	$\frac{111}{224}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{224}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
125464	1681	3328	$\frac{17}{1664}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{1647}{3328}$	$\Phi_{3328}\ \Phi_{256}\ \Phi_{32}\ \Phi_{1}$
125465	1681	3200	$\frac{1}{80}$	$\frac{81}{1600}$	$\frac{1519}{3200}$	$\frac{79}{160}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{160}\ \Phi_{128}\ \Phi_{32}\ \Phi_{1}$
125466	1681	2400	$\frac{1}{80}$	$\frac{81}{800}$	$\frac{719}{2400}$	$\frac{79}{160}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{160}\ \Phi_{150}\ \Phi_{120}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
125467	1681	1920	$\frac{1}{80}$	$\frac{239}{1920}$	$\frac{81}{320}$	$\frac{79}{160}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
125468	1681	1836	$\frac{2}{153}$	$\frac{155}{1836}$	$\frac{1}{3}$	$\frac{151}{306}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{204}\ \Phi_{153}\ \Phi_{108}\ \Phi_{68}\ \Phi_{54}\ \Phi_{51}\ \Phi_{36}\ \Phi_{27}\ \Phi_{17}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
125469	1681	3312	$\frac{25}{1656}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1631}{3312}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
125470	1681	3300	$\frac{31}{1650}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1619}{3300}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{300}\ \Phi_{220}\ \Phi_{132}\ \Phi_{100}\ \Phi_{60}\ \Phi_{44}\ \Phi_{33}\ \Phi_{20}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
125471	1681	2256	$\frac{11}{564}$	$\frac{1}{12}$	$\frac{575}{2256}$	$\frac{553}{1128}$	$\Phi_{2256}\ \Phi_{752}\ \Phi_{564}\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{94}\ \Phi_{48}\ \Phi_{47}\ \Phi_{16}\ \Phi_{1}$
125472	1681	1782	$\frac{2}{99}$	$\frac{101}{1782}$	$\frac{1}{3}$	$\frac{97}{198}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{162}\ \Phi_{99}\ \Phi_{81}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
125473	1681	3264	$\frac{1}{48}$	$\frac{49}{1632}$	$\frac{1583}{3264}$	$\frac{47}{96}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
125474	1681	80	$\frac{1}{40}$	$\frac{1}{40}$	$\frac{39}{80}$	$\frac{39}{80}$	$\Phi_{80}^{2}\ \Phi_{40}^{40}\ \Phi_{20}^{40}\ \Phi_{16}^{2}\ \Phi_{10}^{40}\ \Phi_{8}^{40}\ \Phi_{5}^{40}\ \Phi_{4}^{40}\ \Phi_{2}^{40}\ \Phi_{1}^{41}$
125475	1681	240	$\frac{1}{40}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{39}{80}$	$\Phi_{240}^{20}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}^{20}\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
125476	1681	880	$\frac{1}{40}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{39}{80}$	$\Phi_{880}^{4}\ \Phi_{176}^{4}\ \Phi_{80}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
125477	1681	720	$\frac{1}{40}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{39}{80}$	$\Phi_{720}^{5}\ \Phi_{240}^{5}\ \Phi_{144}^{5}\ \Phi_{80}\ \Phi_{48}^{5}\ \Phi_{45}\ \Phi_{16}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
125478	1681	400	$\frac{1}{40}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{39}{80}$	$\Phi_{400}^{10}\ \Phi_{80}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_{1}$
125479	1681	240	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{39}{80}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}\ \Phi_{60}^{8}\ \Phi_{48}^{9}\ \Phi_{40}^{8}\ \Phi_{30}^{8}\ \Phi_{24}^{9}\ \Phi_{20}^{8}\ \Phi_{16}^{2}\ \Phi_{15}^{8}\ \Phi_{12}^{9}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{6}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
125480	1681	3276	$\frac{43}{1638}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{1595}{3276}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}\ \Phi_{156}\ \Phi_{84}\ \Phi_{63}\ \Phi_{52}\ \Phi_{36}\ \Phi_{28}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
125481	1681	3264	$\frac{49}{1632}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{1583}{3264}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{192}\ \Phi_{64}\ \Phi_{51}\ \Phi_{17}\ \Phi_{1}$
125482	1681	2268	$\frac{20}{567}$	$\frac{1}{21}$	$\frac{587}{2268}$	$\frac{547}{1134}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{567}\ \Phi_{324}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{81}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
125483	1681	3240	$\frac{1}{30}$	$\frac{61}{1620}$	$\frac{29}{90}$	$\frac{1559}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
125484	1681	1734	$\frac{53}{1734}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{1734}\ \Phi_{867}\ \Phi_{578}\ \Phi_{289}\ \Phi_{51}\ \Phi_{17}\ \Phi_{1}$
125485	1681	3200	$\frac{1}{20}$	$\frac{81}{1600}$	$\frac{19}{100}$	$\frac{1519}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{128}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{1}$
125486	1681	2280	$\frac{1}{30}$	$\frac{29}{570}$	$\frac{599}{2280}$	$\frac{541}{1140}$	$\Phi_{2280}\ \Phi_{760}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{190}\ \Phi_{152}\ \Phi_{120}\ \Phi_{114}\ \Phi_{95}\ \Phi_{57}\ \Phi_{40}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
125487	1681	546	$\frac{1}{42}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{546}^3\ \Phi_{273}^3\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{78}^2\ \Phi_{42}^5\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{13}^3\ \Phi_{7}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
125488	1681	2040	$\frac{1}{20}$	$\frac{19}{340}$	$\frac{359}{2040}$	$\frac{321}{680}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{120}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{34}\ \Phi_{30}\ \Phi_{24}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
125489	1681	1716	$\frac{35}{1716}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{286}\ \Phi_{156}\ \Phi_{143}\ \Phi_{132}\ \Phi_{78}\ \Phi_{52}\ \Phi_{44}\ \Phi_{39}\ \Phi_{33}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
125490	1681	3168	$\frac{2}{99}$	$\frac{97}{1584}$	$\frac{1}{3}$	$\frac{1487}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{99}\ \Phi_{96}\ \Phi_{33}\ \Phi_{32}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
125491	1681	3168	$\frac{1}{48}$	$\frac{97}{1584}$	$\frac{47}{144}$	$\frac{1487}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
125492	1681	2496	$\frac{17}{832}$	$\frac{1}{16}$	$\frac{815}{2496}$	$\frac{15}{32}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{192}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
125493	1681	1728	$\frac{47}{1728}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
125494	1681	2080	$\frac{17}{416}$	$\frac{1}{16}$	$\frac{399}{2080}$	$\frac{15}{32}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{160}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
125495	1681	1792	$\frac{111}{1792}$	$\frac{1}{16}$	$\frac{17}{128}$	$\frac{15}{32}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
125496	1681	1820	$\frac{9}{130}$	$\frac{139}{1820}$	$\frac{1}{10}$	$\frac{121}{260}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{182}\ \Phi_{140}\ \Phi_{130}\ \Phi_{91}\ \Phi_{70}\ \Phi_{65}\ \Phi_{35}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}$
125497	1681	168	$\frac{1}{42}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{168}^{14}\ \Phi_{56}^{13}\ \Phi_{42}^{13}\ \Phi_{24}^{14}\ \Phi_{21}^{13}\ \Phi_{14}^{12}\ \Phi_{8}^{13}\ \Phi_{7}^{12}\ \Phi_{6}^{13}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
125498	1681	3120	$\frac{9}{130}$	$\frac{121}{1560}$	$\frac{1}{10}$	$\frac{1439}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{48}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
125499	1681	2304	$\frac{1}{48}$	$\frac{47}{576}$	$\frac{623}{2304}$	$\frac{529}{1152}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
125500	1681	1848	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{167}{1848}$	$\frac{141}{308}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{56}\ \Phi_{42}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{21}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
125501	1681	3080	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{141}{1540}$	$\frac{1399}{3080}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{40}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
125502	1681	3072	$\frac{1}{48}$	$\frac{145}{1536}$	$\frac{47}{192}$	$\frac{1391}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
125503	1681	3060	$\frac{2}{153}$	$\frac{151}{1530}$	$\frac{1}{3}$	$\frac{1379}{3060}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{204}\ \Phi_{180}\ \Phi_{153}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{36}\ \Phi_{20}\ \Phi_{17}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
125504	1681	1890	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{209}{1890}$	$\frac{169}{378}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
125505	1681	3024	$\frac{1}{84}$	$\frac{169}{1512}$	$\frac{83}{252}$	$\frac{1343}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
125506	1681	3024	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{169}{1512}$	$\frac{1343}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{189}\ \Phi_{144}\ \Phi_{112}\ \Phi_{63}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
125507	1681	1960	$\frac{1}{35}$	$\frac{34}{245}$	$\frac{279}{1960}$	$\frac{211}{490}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{56}\ \Phi_{49}\ \Phi_{40}\ \Phi_{28}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
125508	1681	504	$\frac{1}{42}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{504}^6\ \Phi_{168}^6\ \Phi_{72}^5\ \Phi_{56}^6\ \Phi_{42}^5\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{8}^5\ \Phi_{7}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
125509	1681	2352	$\frac{1}{84}$	$\frac{83}{588}$	$\frac{671}{2352}$	$\frac{505}{1176}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{112}\ \Phi_{98}\ \Phi_{49}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
125510	1681	2940	$\frac{1}{35}$	$\frac{34}{245}$	$\frac{211}{1470}$	$\frac{1259}{2940}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{49}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
125511	1681	336	$\frac{1}{42}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{56}^6\ \Phi_{48}^5\ \Phi_{42}^5\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{16}^5\ \Phi_{14}^5\ \Phi_{8}^5\ \Phi_{7}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
125512	1681	2880	$\frac{1}{120}$	$\frac{241}{1440}$	$\frac{119}{360}$	$\frac{1199}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{360}\ \Phi_{320}\ \Phi_{192}\ \Phi_{180}\ \Phi_{90}\ \Phi_{72}\ \Phi_{64}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
125513	1681	2880	$\frac{1}{48}$	$\frac{47}{288}$	$\frac{241}{1440}$	$\frac{1199}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
125514	1681	210	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{210}^{7}\ \Phi_{105}^{7}\ \Phi_{70}^{6}\ \Phi_{42}^{13}\ \Phi_{35}^{7}\ \Phi_{30}^{7}\ \Phi_{21}^{13}\ \Phi_{15}^{7}\ \Phi_{14}^{12}\ \Phi_{10}^{6}\ \Phi_{7}^{12}\ \Phi_{6}^{13}\ \Phi_{5}^{7}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
125515	1681	1800	$\frac{1}{20}$	$\frac{119}{1800}$	$\frac{19}{100}$	$\frac{81}{200}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
125516	1681	2100	$\frac{1}{70}$	$\frac{69}{350}$	$\frac{419}{2100}$	$\frac{281}{700}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}\ \Phi_{105}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{42}\ \Phi_{30}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
125517	1681	2400	$\frac{1}{120}$	$\frac{119}{600}$	$\frac{719}{2400}$	$\frac{481}{1200}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{200}\ \Phi_{160}\ \Phi_{150}\ \Phi_{100}\ \Phi_{96}\ \Phi_{75}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{1}$
125518	1681	2800	$\frac{1}{70}$	$\frac{69}{350}$	$\frac{281}{1400}$	$\frac{1119}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{350}\ \Phi_{175}\ \Phi_{112}\ \Phi_{80}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_{1}$
125519	1681	1692	$\frac{11}{1692}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{564}\ \Phi_{423}\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{94}\ \Phi_{47}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
125520	1681	2720	$\frac{1}{20}$	$\frac{19}{340}$	$\frac{321}{1360}$	$\frac{1039}{2720}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{340}\ \Phi_{170}\ \Phi_{160}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{1}$
125521	1681	1920	$\frac{1}{48}$	$\frac{239}{1920}$	$\frac{47}{192}$	$\frac{145}{384}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
125522	1681	2688	$\frac{1}{112}$	$\frac{111}{448}$	$\frac{337}{1344}$	$\frac{1007}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{448}\ \Phi_{384}\ \Phi_{224}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
125523	1681	2592	$\frac{1}{48}$	$\frac{47}{432}$	$\frac{385}{1296}$	$\frac{911}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
125524	1681	1728	$\frac{47}{1728}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
125525	1681	1764	$\frac{83}{1764}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{63}\ \Phi_{49}\ \Phi_{36}\ \Phi_{28}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
125526	1681	1800	$\frac{1}{30}$	$\frac{119}{1800}$	$\frac{29}{90}$	$\frac{61}{180}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
125527	1681	2016	$\frac{1}{84}$	$\frac{335}{2016}$	$\frac{83}{252}$	$\frac{169}{504}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
125528	1681	2160	$\frac{1}{120}$	$\frac{479}{2160}$	$\frac{119}{360}$	$\frac{241}{720}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
125529	1681	2520	$\frac{1}{210}$	$\frac{209}{630}$	$\frac{839}{2520}$	$\frac{421}{1260}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{168}\ \Phi_{126}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
125530	1681	2511	$\frac{7}{837}$	$\frac{2}{9}$	$\frac{830}{2511}$	$\frac{1}{3}$	$\Phi_{2511}\ \Phi_{81}\ \Phi_{9}\ \Phi_{1}$
125531	1681	2475	$\frac{31}{825}$	$\frac{2}{33}$	$\frac{794}{2475}$	$\frac{1}{3}$	$\Phi_{2475}\ \Phi_{495}\ \Phi_{225}\ \Phi_{99}\ \Phi_{45}\ \Phi_{33}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
125532	1681	2448	$\frac{2}{51}$	$\frac{49}{816}$	$\frac{767}{2448}$	$\frac{1}{3}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{144}\ \Phi_{72}\ \Phi_{51}\ \Phi_{36}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
125533	1681	2376	$\frac{2}{99}$	$\frac{97}{792}$	$\frac{695}{2376}$	$\frac{1}{3}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{108}\ \Phi_{99}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
125534	1681	2295	$\frac{2}{153}$	$\frac{151}{765}$	$\frac{614}{2295}$	$\frac{1}{3}$	$\Phi_{2295}\ \Phi_{459}\ \Phi_{153}\ \Phi_{135}\ \Phi_{51}\ \Phi_{27}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
125535	1681	1701	$\frac{20}{1701}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{243}\ \Phi_{189}\ \Phi_{81}\ \Phi_{63}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
125536	1681	2232	$\frac{7}{558}$	$\frac{2}{9}$	$\frac{551}{2232}$	$\frac{1}{3}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{744}\ \Phi_{372}\ \Phi_{248}\ \Phi_{124}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
125537	1681	1980	$\frac{2}{99}$	$\frac{299}{1980}$	$\frac{97}{396}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
125538	1681	1836	$\frac{2}{51}$	$\frac{155}{1836}$	$\frac{49}{204}$	$\frac{1}{3}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{153}\ \Phi_{108}\ \Phi_{54}\ \Phi_{51}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
125539	1681	1953	$\frac{7}{279}$	$\frac{272}{1953}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{217}\ \Phi_{63}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
125540	1681	1728	$\frac{47}{1728}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
125541	1681	1815	$\frac{2}{33}$	$\frac{134}{1815}$	$\frac{31}{165}$	$\frac{1}{3}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{363}\ \Phi_{121}\ \Phi_{33}\ \Phi_{11}\ \Phi_{1}$
125542	1681	2040	$\frac{2}{51}$	$\frac{49}{408}$	$\frac{359}{2040}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{120}\ \Phi_{85}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
125543	1681	1980	$\frac{2}{33}$	$\frac{31}{330}$	$\frac{299}{1980}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{132}\ \Phi_{99}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
125544	1681	2268	$\frac{1}{84}$	$\frac{169}{756}$	$\frac{587}{2268}$	$\frac{83}{252}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{252}\ \Phi_{162}\ \Phi_{126}\ \Phi_{81}\ \Phi_{63}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
125545	1681	2484	$\frac{25}{828}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{803}{2484}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{621}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
125546	1681	2430	$\frac{1}{30}$	$\frac{61}{810}$	$\frac{749}{2430}$	$\frac{29}{90}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{486}\ \Phi_{243}\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}\ \Phi_9\ \Phi_1$
125547	1681	1890	$\frac{1}{30}$	$\frac{209}{1890}$	$\frac{61}{270}$	$\frac{29}{90}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{210}\ \Phi_{189}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
125548	1681	2160	$\frac{1}{30}$	$\frac{61}{540}$	$\frac{479}{2160}$	$\frac{29}{90}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
125549	1681	2457	$\frac{1}{21}$	$\frac{43}{819}$	$\frac{776}{2457}$	$\frac{20}{63}$	$\Phi_{2457}\ \Phi_{351}\ \Phi_{189}\ \Phi_{63}\ \Phi_{27}\ \Phi_9\ \Phi_1$
125550	1681	60	$\frac{1}{20}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{19}{60}$	$\Phi_{60}^{22}\ \Phi_{30}^{22}\ \Phi_{20}^{40}\ \Phi_{15}^{22}\ \Phi_{12}^{22}\ \Phi_{10}^{40}\ \Phi_6^{22}\ \Phi_5^{40}\ \Phi_4^{40}\ \Phi_3^{22}\ \Phi_2^{40}\ \Phi_1^{41}$
125551	1681	660	$\frac{1}{20}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{19}{60}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{165}^4\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{60}\ \Phi_{44}\ \Phi_{33}^4\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
125552	1681	180	$\frac{1}{20}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{19}{60}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^6\ \Phi_{45}^{11}\ \Phi_{36}^{10}\ \Phi_{30}^6\ \Phi_{20}^{10}\ \Phi_{18}^{10}\ \Phi_{15}^7\ \Phi_{12}^6\ \Phi_{10}^{10}\ \Phi_9^{11}\ \Phi_6^6\ \Phi_5^{10}\ \Phi_4^{10}\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{11}$
125553	1681	300	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{19}{60}$	$\Phi_{300}^{10}\ \Phi_{150}^{10}\ \Phi_{75}^{10}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
125554	1681	240	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{19}{60}$	$\Phi_{240}^8\ \Phi_{120}^4\ \Phi_{80}^8\ \Phi_{60}^5\ \Phi_{48}^9\ \Phi_{40}^8\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^8\ \Phi_{16}^9\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_{10}^8\ \Phi_8^8\ \Phi_6^6\ \Phi_5^8\ \Phi_4^8\ \Phi_3^6\ \Phi_2^8\ \Phi_1^9$
125555	1681	1950	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{269}{1950}$	$\frac{121}{390}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{325}\ \Phi_{150}\ \Phi_{130}\ \Phi_{75}\ \Phi_{65}\ \Phi_{50}\ \Phi_{26}\ \Phi_{25}\ \Phi_{13}\ \Phi_1$
125556	1681	2400	$\frac{1}{20}$	$\frac{81}{800}$	$\frac{19}{100}$	$\frac{719}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
125557	1681	2205	$\frac{1}{35}$	$\frac{34}{245}$	$\frac{524}{2205}$	$\frac{211}{735}$	$\Phi_{2205}\ \Phi_{441}\ \Phi_{315}\ \Phi_{245}\ \Phi_{63}\ \Phi_{49}\ \Phi_{45}\ \Phi_9\ \Phi_1$
125558	1681	2340	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{121}{780}$	$\frac{659}{2340}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{234}\ \Phi_{180}\ \Phi_{130}\ \Phi_{117}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_1$
125559	1681	378	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{378}^6\ \Phi_{189}^6\ \Phi_{54}^5\ \Phi_{42}^5\ \Phi_{27}^5\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_7^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
125560	1681	2310	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{141}{770}$	$\frac{629}{2310}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{154}\ \Phi_{105}\ \Phi_{77}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{21}\ \Phi_{15}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
125561	1681	2304	$\frac{1}{48}$	$\frac{145}{768}$	$\frac{47}{192}$	$\frac{623}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
125562	1681	2268	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{169}{756}$	$\frac{587}{2268}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{189}\ \Phi_{162}\ \Phi_{81}\ \Phi_{63}\ \Phi_{27}\ \Phi_9\ \Phi_1$
125563	1681	44	$\frac{3}{44}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{44}^{38}\ \Phi_{22}^{38}\ \Phi_{11}^{38}\ \Phi_4^{40}\ \Phi_2^{40}\ \Phi_1^{41}$
125564	1681	1980	$\frac{3}{44}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{45}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_9\ \Phi_3\ \Phi_1$
125565	1681	1100	$\frac{3}{44}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{4}$	$\Phi_{1100}^2\ \Phi_{550}^2\ \Phi_{275}^2\ \Phi_{50}\ \Phi_{44}\ \Phi_{25}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
125566	1681	528	$\frac{3}{44}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{4}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{176}^4\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}^4\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
125567	1681	2080	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{399}{2080}$	$\frac{121}{520}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{416}\ \Phi_{208}\ \Phi_{160}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
125568	1681	2000	$\frac{1}{20}$	$\frac{319}{2000}$	$\frac{19}{100}$	$\frac{81}{400}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_1$
125569	1681	45	$\frac{4}{45}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{45}^{37}\ \Phi_{15}^{37}\ \Phi_9^{37}\ \Phi_5^{40}\ \Phi_3^{37}\ \Phi_1^{41}$
125570	1681	450	$\frac{4}{45}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{5}$	$\Phi_{450}^5\ \Phi_{225}^5\ \Phi_{150}^5\ \Phi_{75}^5\ \Phi_{50}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
125571	1681	720	$\frac{4}{45}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{5}$	$\Phi_{720}^3\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^3\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}^3\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^3\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
125572	1681	50	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{9}{50}$	$\Phi_{50}^{32}\ \Phi_{25}^{32}\ \Phi_{10}^{40}\ \Phi_5^{40}\ \Phi_2^{40}\ \Phi_1^{41}$
125573	1681	1200	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{9}{50}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}^2\ \Phi_{300}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
125574	1681	48	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{7}{48}$	$\Phi_{48}^{34}\ \Phi_{24}^{34}\ \Phi_{16}^{34}\ \Phi_{12}^{34}\ \Phi_8^{40}\ \Phi_6^{34}\ \Phi_4^{40}\ \Phi_3^{34}\ \Phi_2^{40}\ \Phi_1^{41}$
125575	1682	3192	$\frac{1}{57}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{28}{57}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{168}\ \Phi_{152}\ \Phi_{57}\ \Phi_{56}^2\ \Phi_{24}\ \Phi_{19}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
125576	1682	798	$\frac{1}{57}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{28}{57}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{114}^2\ \Phi_{57}^3\ \Phi_{42}^3\ \Phi_{38}^2\ \Phi_{21}^3\ \Phi_{19}^3\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
125577	1682	1824	$\frac{1}{57}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{28}{57}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{152}\ \Phi_{96}\ \Phi_{57}\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{19}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
125578	1682	1995	$\frac{1}{57}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{28}{57}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{285}\ \Phi_{105}\ \Phi_{95}\ \Phi_{57}\ \Phi_{35}^2\ \Phi_{19}\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
125579	1682	1640	$\frac{1}{41}$	$\frac{21}{820}$	$\frac{799}{1640}$	$\frac{20}{41}$	$\Phi_{1640}^2\ \Phi_{328}^2\ \Phi_{41}\ \Phi_{40}^2\ \Phi_8^2\ \Phi_1^2$
125580	1682	1230	$\frac{1}{41}$	$\frac{21}{410}$	$\frac{389}{1230}$	$\frac{20}{41}$	$\Phi_{1230}^2\ \Phi_{615}^2\ \Phi_{246}^2\ \Phi_{123}^2\ \Phi_{41}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
125581	1682	902	$\frac{1}{41}$	$\frac{61}{902}$	$\frac{21}{82}$	$\frac{20}{41}$	$\Phi_{902}^2\ \Phi_{451}^2\ \Phi_{41}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_1^2$
125582	1682	1025	$\frac{1}{41}$	$\frac{21}{205}$	$\frac{184}{1025}$	$\frac{20}{41}$	$\Phi_{1025}^2\ \Phi_{41}\ \Phi_{25}^2\ \Phi_1^2$
125583	1682	984	$\frac{1}{41}$	$\frac{21}{164}$	$\frac{143}{984}$	$\frac{20}{41}$	$\Phi_{984}^2\ \Phi_{492}^2\ \Phi_{328}^2\ \Phi_{246}^2\ \Phi_{123}^2\ \Phi_{41}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
125584	1682	840	$\frac{1}{30}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{168}^3\ \Phi_{120}^4\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
125585	1682	1064	$\frac{1}{28}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{27}{56}$	$\Phi_{1064}^3\ \Phi_{152}^3\ \Phi_{56}^4\ \Phi_{38}^2\ \Phi_{19}\ \Phi_8^4\ \Phi_2^2\ \Phi_1^2$
125586	1682	1599	$\frac{1}{41}$	$\frac{83}{1599}$	$\frac{40}{123}$	$\frac{758}{1599}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}^2\ \Phi_{41}\ \Phi_{39}\ \Phi_{13}\ \Phi_3^2\ \Phi_1^2$
125587	1682	1148	$\frac{1}{41}$	$\frac{20}{287}$	$\frac{307}{1148}$	$\frac{267}{574}$	$\Phi_{1148}^2\ \Phi_{287}^2\ \Phi_{164}^2\ \Phi_{41}\ \Phi_{28}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
125588	1682	3186	$\frac{1}{59}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{3186}\ \Phi_{1062}\ \Phi_{354}\ \Phi_{177}\ \Phi_{118}$
125589	1682	2360	$\frac{1}{59}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{2360}\ \Phi_{590}\ \Phi_{472}\ \Phi_{295}\ \Phi_{118}$
125590	1682	1476	$\frac{1}{41}$	$\frac{103}{738}$	$\frac{20}{123}$	$\frac{635}{1476}$	$\Phi_{1476}^2\ \Phi_{492}^2\ \Phi_{164}^2\ \Phi_{123}^2\ \Phi_{41}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
125591	1682	2950	$\frac{1}{59}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{2950}\ \Phi_{590}\ \Phi_{295}\ \Phi_{118}$
125592	1682	984	$\frac{1}{41}$	$\frac{143}{984}$	$\frac{20}{123}$	$\frac{103}{246}$	$\Phi_{984}^2\ \Phi_{492}^2\ \Phi_{328}^2\ \Phi_{164}^2\ \Phi_{123}^2\ \Phi_{41}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
125593	1682	2124	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{2124}\ \Phi_{1062}\ \Phi_{531}\ \Phi_{354}\ \Phi_{177}\ \Phi_{118}$
125594	1682	1435	$\frac{1}{41}$	$\frac{40}{287}$	$\frac{247}{1435}$	$\frac{594}{1435}$	$\Phi_{1435}\ \Phi_{287}^2\ \Phi_{205}\ \Phi_{41}\ \Phi_{35}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
125595	1682	2832	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{2832}\ \Phi_{944}\ \Phi_{354}\ \Phi_{177}\ \Phi_{118}$
125596	1682	210	$\frac{1}{30}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{210}^8\ \Phi_{105}^8\ \Phi_{70}^8\ \Phi_{42}^7\ \Phi_{35}^8\ \Phi_{30}^{10}\ \Phi_{21}^7\ \Phi_{15}^{10}\ \Phi_{14}^6\ \Phi_{10}^{10}\ \Phi_7^6\ \Phi_6^9\ \Phi_5^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
125597	1682	480	$\frac{1}{30}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^3\ \Phi_{80}^4\ \Phi_{48}^3\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{16}^4\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
125598	1682	2124	$\frac{1}{59}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2124}\ \Phi_{1062}\ \Phi_{708}\ \Phi_{354}\ \Phi_{236}\ \Phi_{177}\ \Phi_{118}$
125599	1682	210	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{210}^8\ \Phi_{105}^7\ \Phi_{70}^8\ \Phi_{42}^8\ \Phi_{35}^8\ \Phi_{30}^{10}\ \Phi_{21}^8\ \Phi_{15}^9\ \Phi_{14}^8\ \Phi_{10}^{10}\ \Phi_7^8\ \Phi_6^{10}\ \Phi_5^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
125600	1682	798	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{9}{38}$	$\frac{13}{42}$	$\Phi_{798}^3\ \Phi_{399}^3\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{42}^4\ \Phi_{38}^2\ \Phi_{21}^4\ \Phi_{19}\ \Phi_6^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^2$
125601	1682	1107	$\frac{1}{41}$	$\frac{20}{123}$	$\frac{266}{1107}$	$\frac{103}{369}$	$\Phi_{1107}^2\ \Phi_{123}^2\ \Phi_{41}\ \Phi_{27}^2\ \Phi_3^2\ \Phi_1^2$
125602	1682	608	$\frac{1}{19}$	$\frac{3}{32}$	$\frac{9}{38}$	$\frac{1}{4}$	$\Phi_{608}^3\ \Phi_{304}^3\ \Phi_{152}^3\ \Phi_{38}^2\ \Phi_{32}^4\ \Phi_{19}\ \Phi_{16}^4\ \Phi_8^4\ \Phi_2^2\ \Phi_1^2$
125603	1682	1330	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{9}{38}$	$\Phi_{1330}^2\ \Phi_{665}\ \Phi_{190}^2\ \Phi_{95}\ \Phi_{70}^2\ \Phi_{38}^2\ \Phi_{35}^2\ \Phi_{19}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
125604	1683	1488	$\frac{1}{186}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{185}{372}$	$\Phi_{1488}^2\ \Phi_{496}^2\ \Phi_{372}\ \Phi_{124}\ \Phi_{48}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
125605	1683	372	$\frac{1}{186}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{185}{372}$	$\Phi_{372}^5\ \Phi_{186}^4\ \Phi_{124}^5\ \Phi_{93}^4\ \Phi_{62}^4\ \Phi_{31}^4\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
125606	1683	1520	$\frac{1}{152}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{151}{304}$	$\Phi_{1520}^2\ \Phi_{304}^3\ \Phi_{80}^2\ \Phi_{20}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
125607	1683	4560	$\frac{1}{152}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{151}{304}$	$\Phi_{4560}\ \Phi_{912}\ \Phi_{304}\ \Phi_{240}\ \Phi_{48}\ \Phi_{16}\ \Phi_{15}\ \Phi_3\ \Phi_1$
125608	1683	1568	$\frac{1}{98}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{97}{196}$	$\Phi_{1568}^2\ \Phi_{224}^2\ \Phi_{196}\ \Phi_{32}^3\ \Phi_{28}\ \Phi_4\ \Phi_1$
125609	1683	1176	$\frac{1}{98}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{97}{196}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}\ \Phi_{168}^2\ \Phi_{147}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
125610	1683	980	$\frac{1}{98}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{97}{196}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{245}^2\ \Phi_{196}\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
125611	1683	1840	$\frac{3}{184}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{181}{368}$	$\Phi_{1840}^2\ \Phi_{368}\ \Phi_{80}^2\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
125612	1683	3248	$\frac{1}{58}$	$\frac{59}{1624}$	$\frac{1565}{3248}$	$\frac{57}{116}$	$\Phi_{3248}\ \Phi_{464}\ \Phi_{116}\ \Phi_{112}\ \Phi_{16}\ \Phi_4\ \Phi_1$
125613	1683	812	$\frac{1}{58}$	$\frac{59}{812}$	$\frac{251}{812}$	$\frac{57}{116}$	$\Phi_{812}^2\ \Phi_{406}^2\ \Phi_{203}^2\ \Phi_{116}^3\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
125614	1683	1856	$\frac{1}{58}$	$\frac{173}{1856}$	$\frac{59}{232}$	$\frac{57}{116}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{464}\ \Phi_{116}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_4\ \Phi_1$
125615	1683	1600	$\frac{1}{50}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{49}{100}$	$\Phi_{1600}^2\ \Phi_{320}^2\ \Phi_{100}\ \Phi_{64}^3\ \Phi_{20}\ \Phi_4\ \Phi_1$
125616	1683	400	$\frac{1}{50}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{49}{100}$	$\Phi_{400}^4\ \Phi_{200}^4\ \Phi_{100}^5\ \Phi_{80}^4\ \Phi_{50}^4\ \Phi_{40}^4\ \Phi_{25}^5\ \Phi_{20}^6\ \Phi_{16}^4\ \Phi_{10}^6\ \Phi_8^4\ \Phi_5^7\ \Phi_4^6\ \Phi_2^7\ \Phi_1^7$
125617	1683	300	$\frac{1}{50}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{49}{100}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^5\ \Phi_{75}^6\ \Phi_{60}^6\ \Phi_{50}^4\ \Phi_{30}^6\ \Phi_{25}^4\ \Phi_{20}^5\ \Phi_{15}^6\ \Phi_{12}^9\ \Phi_{10}^4\ \Phi_6^9\ \Phi_5^4\ \Phi_4^7\ \Phi_3^9\ \Phi_2^6\ \Phi_1^7$
125618	1683	200	$\frac{1}{50}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{49}{100}$	$\Phi_{200}^8\ \Phi_{100}^9\ \Phi_{50}^8\ \Phi_{40}^9\ \Phi_{25}^8\ \Phi_{20}^{10}\ \Phi_{10}^9\ \Phi_8^8\ \Phi_5^9\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
125619	1683	1600	$\frac{1}{32}$	$\frac{1}{25}$	$\frac{8}{25}$	$\frac{31}{64}$	$\Phi_{1600}^2\ \Phi_{320}^2\ \Phi_{64}^3\ \Phi_{25}^2\ \Phi_5^2\ \Phi_1^3$
125620	1683	576	$\frac{1}{32}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{576}^6\ \Phi_{192}^6\ \Phi_{64}^3\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
125621	1683	3520	$\frac{1}{32}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{31}{64}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{64}\ \Phi_{55}\ \Phi_{11}\ \Phi_1$
125622	1683	320	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{31}{64}$	$\Phi_{320}^{10}\ \Phi_{64}^{11}\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
125623	1683	588	$\frac{2}{49}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{47}{98}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{196}^3\ \Phi_{147}^3\ \Phi_{84}^4\ \Phi_{49}^3\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{14}\ \Phi_{12}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
125624	1683	1710	$\frac{4}{95}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{91}{190}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{342}\ \Phi_{285}\ \Phi_{171}\ \Phi_{114}\ \Phi_{95}\ \Phi_{90}^2\ \Phi_{57}\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{19}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
125625	1683	528	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{23}{176}$	$\frac{21}{44}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{176}^3\ \Phi_{132}^2\ \Phi_{88}^3\ \Phi_{66}^2\ \Phi_{48}^4\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}^4\ \Phi_{22}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_{11}\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
125626	1683	360	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{7}{40}$	$\frac{19}{40}$	$\Phi_{360}^4\ \Phi_{180}^6\ \Phi_{120}^4\ \Phi_{90}^6\ \Phi_{72}^4\ \Phi_{60}^6\ \Phi_{45}^6\ \Phi_{40}^2\ \Phi_{36}^6\ \Phi_{30}^6\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{18}^5\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{10}^3\ \Phi_9^5\ \Phi_8^2\ \Phi_6^5\ \Phi_5^3\ \Phi_4^3\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
125627	1683	1568	$\frac{1}{49}$	$\frac{1}{16}$	$\frac{16}{49}$	$\frac{15}{32}$	$\Phi_{1568}^2\ \Phi_{224}^2\ \Phi_{49}^2\ \Phi_{32}^3\ \Phi_7^2\ \Phi_1^3$
125628	1683	544	$\frac{1}{34}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{544}^6\ \Phi_{68}^2\ \Phi_{34}\ \Phi_{32}^3\ \Phi_{17}\ \Phi_4\ \Phi_1$
125629	1683	1120	$\frac{2}{35}$	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{1120}^3\ \Phi_{224}^2\ \Phi_{160}^3\ \Phi_{35}^3\ \Phi_{32}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
125630	1683	224	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{15}{32}$	$\Phi_{224}^{14}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}^{15}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
125631	1683	1568	$\frac{1}{16}$	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{15}{32}$	$\Phi_{1568}^2\ \Phi_{224}^2\ \Phi_{49}^2\ \Phi_{32}^3\ \Phi_7^2\ \Phi_1^3$
125632	1683	480	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{15}{32}$	$\Phi_{480}^8\ \Phi_{160}^6\ \Phi_{96}^4\ \Phi_{60}^2\ \Phi_{32}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
125633	1683	1716	$\frac{10}{143}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{133}{286}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{156}\ \Phi_{143}\ \Phi_{132}^2\ \Phi_{78}\ \Phi_{66}^2\ \Phi_{52}\ \Phi_{44}^2\ \Phi_{39}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{13}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
125634	1683	168	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{5}{56}$	$\frac{13}{28}$	$\Phi_{168}^{12}\ \Phi_{84}^{10}\ \Phi_{56}^9\ \Phi_{42}^{10}\ \Phi_{28}^8\ \Phi_{24}^{12}\ \Phi_{21}^{10}\ \Phi_{14}^7\ \Phi_{12}^9\ \Phi_8^9\ \Phi_7^7\ \Phi_6^9\ \Phi_4^7\ \Phi_3^9\ \Phi_2^6\ \Phi_1^7$
125635	1683	348	$\frac{1}{58}$	$\frac{13}{174}$	$\frac{19}{58}$	$\frac{161}{348}$	$\Phi_{348}^9\ \Phi_{116}^9\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{12}^9\ \Phi_4^9\ \Phi_2^2\ \Phi_1^3$
125636	1683	348	$\frac{2}{29}$	$\frac{13}{174}$	$\frac{3}{29}$	$\frac{161}{348}$	$\Phi_{348}^9\ \Phi_{116}^9\ \Phi_{29}^4\ \Phi_{12}^9\ \Phi_4^9\ \Phi_1^5$
125637	1683	840	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{140}$	$\frac{127}{280}$	$\Phi_{840}^4\ \Phi_{280}^3\ \Phi_{168}^4\ \Phi_{120}^4\ \Phi_{84}^2\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{40}^3\ \Phi_{28}^2\ \Phi_{24}^4\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_8^3\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
125638	1683	2320	$\frac{1}{58}$	$\frac{57}{580}$	$\frac{637}{2320}$	$\frac{523}{1160}$	$\Phi_{2320}\ \Phi_{580}\ \Phi_{464}\ \Phi_{290}\ \Phi_{145}\ \Phi_{116}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
125639	1683	380	$\frac{1}{76}$	$\frac{1}{10}$	$\frac{25}{76}$	$\frac{9}{20}$	$\Phi_{380}^4\ \Phi_{190}^4\ \Phi_{95}^4\ \Phi_{76}^6\ \Phi_{38}^6\ \Phi_{20}^5\ \Phi_{19}^6\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
125640	1683	260	$\frac{1}{52}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{260}^6\ \Phi_{130}^6\ \Phi_{65}^6\ \Phi_{52}^9\ \Phi_{26}^9\ \Phi_{20}^5\ \Phi_{13}^9\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
125641	1683	380	$\frac{1}{38}$	$\frac{1}{10}$	$\frac{37}{190}$	$\frac{9}{20}$	$\Phi_{380}^8\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}^8\ \Phi_{20}^9\ \Phi_{10}\ \Phi_5\ \Phi_4^9\ \Phi_1$
125642	1683	160	$\frac{7}{160}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{160}^{11}\ \Phi_{80}^{11}\ \Phi_{40}^9\ \Phi_{32}^{11}\ \Phi_{20}^{10}\ \Phi_{16}^{11}\ \Phi_{10}^9\ \Phi_8^8\ \Phi_5^9\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
125643	1683	380	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{2}{19}$	$\frac{9}{20}$	$\Phi_{380}^8\ \Phi_{76}^8\ \Phi_{20}^9\ \Phi_{19}^8\ \Phi_4^9\ \Phi_1^9$
125644	1683	180	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{180}^{18}\ \Phi_{90}^2\ \Phi_{60}^{18}\ \Phi_{45}^2\ \Phi_{36}^{18}\ \Phi_{30}^2\ \Phi_{20}^9\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}^{18}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4^9\ \Phi_3\ \Phi_1$
125645	1683	203	$\frac{2}{29}$	$\frac{16}{203}$	$\frac{3}{29}$	$\frac{13}{29}$	$\Phi_{203}^9\ \Phi_{29}^4\ \Phi_7^9\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
125646	1683	3024	$\frac{2}{189}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{189}\ \Phi_{144}\ \Phi_{112}\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}\ \Phi_{16}\ \Phi_9\ \Phi_7\ \Phi_1$
125647	1683	4464	$\frac{1}{93}$	$\frac{1}{8}$	$\frac{92}{279}$	$\frac{7}{16}$	$\Phi_{4464}\ \Phi_{279}\ \Phi_{144}\ \Phi_{16}\ \Phi_9\ \Phi_1$
125648	1683	496	$\frac{1}{62}$	$\frac{1}{8}$	$\frac{61}{248}$	$\frac{7}{16}$	$\Phi_{496}^6\ \Phi_{248}\ \Phi_{124}\ \Phi_{16}^7\ \Phi_8\ \Phi_4\ \Phi_1$
125649	1683	192	$\frac{5}{192}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{192}^9\ \Phi_{96}^9\ \Phi_{64}^9\ \Phi_{48}^7\ \Phi_{32}^9\ \Phi_{24}^9\ \Phi_{16}^8\ \Phi_{12}^9\ \Phi_8^9\ \Phi_6^8\ \Phi_4^9\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
125650	1683	3472	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{30}{217}$	$\frac{7}{16}$	$\Phi_{3472}\ \Phi_{217}\ \Phi_{112}\ \Phi_{16}\ \Phi_7\ \Phi_1$
125651	1683	1488	$\frac{5}{93}$	$\frac{8}{93}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1488}^2\ \Phi_{496}^2\ \Phi_{93}^2\ \Phi_{48}^2\ \Phi_{31}^2\ \Phi_{16}^3\ \Phi_3^2\ \Phi_1^3$
125652	1683	144	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{144}^{22}\ \Phi_{48}^{18}\ \Phi_{36}^6\ \Phi_{18}^5\ \Phi_{16}^{19}\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
125653	1683	300	$\frac{1}{100}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^5\ \Phi_{75}^6\ \Phi_{60}^6\ \Phi_{50}^5\ \Phi_{30}^5\ \Phi_{25}^5\ \Phi_{20}^5\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
125654	1683	58	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{4}{29}$	$\frac{25}{58}$	$\Phi_{58}^{26}\ \Phi_{29}^{32}\ \Phi_2^{26}\ \Phi_1^{33}$
125655	1683	264	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{7}{44}$	$\frac{37}{88}$	$\Phi_{264}^{12}\ \Phi_{132}^2\ \Phi_{88}^9\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}^{12}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_8^9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
125656	1683	2900	$\frac{1}{58}$	$\frac{233}{1450}$	$\frac{57}{290}$	$\frac{1217}{2900}$	$\Phi_{2900}\ \Phi_{580}\ \Phi_{290}\ \Phi_{145}\ \Phi_{116}\ \Phi_{100}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
125657	1683	232	$\frac{1}{58}$	$\frac{19}{116}$	$\frac{45}{232}$	$\frac{97}{232}$	$\Phi_{232}^6\ \Phi_{116}^9\ \Phi_{58}^8\ \Phi_{29}^8\ \Phi_8^6\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
125658	1683	600	$\frac{1}{100}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{600}^4\ \Phi_{300}^2\ \Phi_{200}^4\ \Phi_{150}^2\ \Phi_{120}^4\ \Phi_{100}\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}\ \Phi_{40}^4\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
125659	1683	928	$\frac{1}{58}$	$\frac{19}{116}$	$\frac{97}{464}$	$\frac{367}{928}$	$\Phi_{928}^3\ \Phi_{116}^3\ \Phi_{58}^2\ \Phi_{32}^3\ \Phi_{29}^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
125660	1683	1386	$\frac{1}{154}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}^2\ \Phi_{231}^2\ \Phi_{198}\ \Phi_{154}\ \Phi_{126}\ \Phi_{99}\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{11}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
125661	1683	1440	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{19}{80}$	$\frac{61}{160}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}^2\ \Phi_{180}^2\ \Phi_{160}\ \Phi_{96}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
125662	1683	1232	$\frac{1}{154}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1232}^2\ \Phi_{308}^2\ \Phi_{176}^2\ \Phi_{154}\ \Phi_{112}^2\ \Phi_{77}\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{22}\ \Phi_{16}\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_4\ \Phi_1$
125663	1683	960	$\frac{5}{192}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{64}\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
125664	1683	952	$\frac{1}{34}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{952}^2\ \Phi_{476}^2\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{68}^2\ \Phi_{56}\ \Phi_{34}\ \Phi_{28}\ \Phi_{17}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
125665	1683	936	$\frac{5}{104}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{104}\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{36}^2\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
125666	1683	442	$\frac{1}{34}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{442}^4\ \Phi_{221}^4\ \Phi_{34}^3\ \Phi_{26}\ \Phi_{17}^3\ \Phi_{13}^3\ \Phi_1^3$
125667	1683	450	$\frac{1}{25}$	$\frac{1}{18}$	$\frac{8}{25}$	$\frac{17}{50}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^4\ \Phi_{50}\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{25}^3\ \Phi_{18}^3\ \Phi_{15}^4\ \Phi_{10}\ \Phi_9^3\ \Phi_6^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^3$
125668	1683	1410	$\frac{1}{47}$	$\frac{1}{10}$	$\frac{46}{141}$	$\frac{95}{282}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{470}^2\ \Phi_{235}^2\ \Phi_{141}\ \Phi_{94}\ \Phi_{47}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$
125669	1683	465	$\frac{2}{155}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{465}^3\ \Phi_{155}^5\ \Phi_{93}^3\ \Phi_{31}^5\ \Phi_{15}^2\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
125670	1683	756	$\frac{2}{189}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^3\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}^3\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^3\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
125671	1683	1116	$\frac{1}{93}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{92}{279}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{279}^3\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
125672	1683	1140	$\frac{1}{76}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{25}{76}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{285}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{60}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{19}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
125673	1683	232	$\frac{1}{58}$	$\frac{45}{232}$	$\frac{13}{58}$	$\frac{19}{58}$	$\Phi_{232}^9\ \Phi_{116}^9\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_8^9\ \Phi_4^9\ \Phi_2^2\ \Phi_1^3$
125674	1683	1176	$\frac{1}{49}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{16}{49}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{294}^2\ \Phi_{168}^2\ \Phi_{147}^2\ \Phi_{84}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
125675	1683	980	$\frac{1}{49}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{16}{49}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{245}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
125676	1683	1380	$\frac{3}{92}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{89}{276}$	$\Phi_{1380}^2\ \Phi_{690}^2\ \Phi_{345}^2\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
125677	1683	551	$\frac{20}{551}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{177}{551}$	$\Phi_{551}^{3}\ \Phi_{29}^{4}\ \Phi_{19}^{3}\ \Phi_{1}^{5}$
125678	1683	400	$\frac{1}{25}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{8}{25}$	$\Phi_{400}^{4}\ \Phi_{200}^{4}\ \Phi_{100}^{4}\ \Phi_{80}^{4}\ \Phi_{50}^{4}\ \Phi_{40}^{4}\ \Phi_{25}^{6}\ \Phi_{20}^{4}\ \Phi_{16}^{6}\ \Phi_{10}^{4}\ \Phi_{8}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
125679	1683	300	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{8}{25}$	$\Phi_{300}^{6}\ \Phi_{150}^{6}\ \Phi_{100}^{4}\ \Phi_{75}^{6}\ \Phi_{60}^{6}\ \Phi_{50}^{4}\ \Phi_{30}^{6}\ \Phi_{25}^{6}\ \Phi_{20}^{4}\ \Phi_{15}^{6}\ \Phi_{12}^{9}\ \Phi_{10}^{4}\ \Phi_{6}^{9}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
125680	1683	200	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{8}{25}$	$\Phi_{200}^{8}\ \Phi_{100}^{8}\ \Phi_{50}^{8}\ \Phi_{40}^{9}\ \Phi_{25}^{10}\ \Phi_{20}^{9}\ \Phi_{10}^{9}\ \Phi_{8}^{8}\ \Phi_{5}^{11}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{11}$
125681	1683	841	$\frac{34}{841}$	$\frac{52}{841}$	$\frac{263}{841}$	$\frac{269}{841}$	$\Phi_{841}^{2}\ \Phi_{29}^{2}\ \Phi_{1}^{3}$
125682	1683	132	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{5}{22}$	$\frac{7}{22}$	$\Phi_{132}^{14}\ \Phi_{66}^{14}\ \Phi_{44}^{14}\ \Phi_{33}^{14}\ \Phi_{22}^{7}\ \Phi_{12}^{13}\ \Phi_{11}^{7}\ \Phi_{6}^{13}\ \Phi_{4}^{13}\ \Phi_{3}^{13}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
125683	1683	841	$\frac{46}{841}$	$\frac{59}{841}$	$\frac{192}{841}$	$\frac{265}{841}$	$\Phi_{841}^{2}\ \Phi_{29}^{2}\ \Phi_{1}^{3}$
125684	1683	1124	$\frac{31}{562}$	$\frac{35}{562}$	$\frac{1}{4}$	$\frac{177}{562}$	$\Phi_{1124}^{2}\ \Phi_{562}\ \Phi_{281}\ \Phi_{4}\ \Phi_{1}$
125685	1683	144	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{144}^{12}\ \Phi_{72}^{12}\ \Phi_{48}^{12}\ \Phi_{36}^{14}\ \Phi_{24}^{12}\ \Phi_{18}^{13}\ \Phi_{16}^{6}\ \Phi_{12}^{14}\ \Phi_{9}^{13}\ \Phi_{8}^{6}\ \Phi_{6}^{13}\ \Phi_{4}^{7}\ \Phi_{3}^{13}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
125686	1683	880	$\frac{1}{16}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{5}{16}$	$\Phi_{880}^{2}\ \Phi_{440}^{2}\ \Phi_{220}^{2}\ \Phi_{176}^{2}\ \Phi_{110}^{2}\ \Phi_{88}^{2}\ \Phi_{55}^{3}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{16}^{2}\ \Phi_{11}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
125687	1683	80	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{5}{16}$	$\Phi_{80}^{20}\ \Phi_{40}^{20}\ \Phi_{20}^{23}\ \Phi_{16}^{22}\ \Phi_{10}^{22}\ \Phi_{8}^{22}\ \Phi_{5}^{22}\ \Phi_{4}^{25}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
125688	1683	900	$\frac{1}{18}$	$\frac{7}{100}$	$\frac{23}{100}$	$\frac{31}{100}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}^{2}\ \Phi_{225}^{2}\ \Phi_{180}^{2}\ \Phi_{150}^{2}\ \Phi_{100}\ \Phi_{90}^{2}\ \Phi_{75}^{2}\ \Phi_{60}^{2}\ \Phi_{50}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
125689	1683	841	$\frac{38}{841}$	$\frac{73}{841}$	$\frac{195}{841}$	$\frac{256}{841}$	$\Phi_{841}^{2}\ \Phi_{29}^{2}\ \Phi_{1}^{3}$
125690	1683	1124	$\frac{23}{562}$	$\frac{49}{562}$	$\frac{1}{4}$	$\frac{171}{562}$	$\Phi_{1124}^{2}\ \Phi_{562}\ \Phi_{281}\ \Phi_{4}\ \Phi_{1}$
125691	1683	360	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{6}\ \Phi_{90}^{2}\ \Phi_{72}^{6}\ \Phi_{60}^{6}\ \Phi_{45}^{2}\ \Phi_{40}^{3}\ \Phi_{36}^{6}\ \Phi_{30}^{2}\ \Phi_{24}^{6}\ \Phi_{20}^{3}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{12}^{6}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
125692	1683	408	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{408}^{6}\ \Phi_{204}^{6}\ \Phi_{102}^{6}\ \Phi_{68}^{2}\ \Phi_{51}^{6}\ \Phi_{34}\ \Phi_{24}^{3}\ \Phi_{17}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
125693	1683	840	$\frac{2}{35}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{168}^{2}\ \Phi_{120}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{2}\ \Phi_{60}^{3}\ \Phi_{42}^{2}\ \Phi_{35}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
125694	1683	336	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{336}^{8}\ \Phi_{168}^{6}\ \Phi_{112}\ \Phi_{84}^{6}\ \Phi_{56}\ \Phi_{48}^{8}\ \Phi_{42}^{6}\ \Phi_{28}\ \Phi_{24}^{7}\ \Phi_{21}^{6}\ \Phi_{16}\ \Phi_{12}^{7}\ \Phi_{8}\ \Phi_{6}^{7}\ \Phi_{4}\ \Phi_{3}^{7}\ \Phi_{1}$
125695	1683	1176	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{1176}^{2}\ \Phi_{588}^{2}\ \Phi_{294}^{2}\ \Phi_{168}^{2}\ \Phi_{147}^{2}\ \Phi_{84}^{2}\ \Phi_{49}^{2}\ \Phi_{42}^{2}\ \Phi_{24}^{3}\ \Phi_{21}^{2}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
125696	1683	120	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{120}^{14}\ \Phi_{60}^{16}\ \Phi_{40}^{16}\ \Phi_{30}^{16}\ \Phi_{24}^{7}\ \Phi_{20}^{18}\ \Phi_{15}^{16}\ \Phi_{12}^{8}\ \Phi_{10}^{17}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{17}\ \Phi_{4}^{9}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
125697	1683	168	$\frac{1}{12}$	$\frac{5}{56}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{168}^{12}\ \Phi_{84}^{10}\ \Phi_{56}^{9}\ \Phi_{42}^{10}\ \Phi_{28}^{7}\ \Phi_{24}^{12}\ \Phi_{21}^{10}\ \Phi_{14}^{7}\ \Phi_{12}^{9}\ \Phi_{8}^{9}\ \Phi_{7}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{6}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
125698	1683	261	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{13}{87}$	$\frac{74}{261}$	$\Phi_{261}^{9}\ \Phi_{29}^{4}\ \Phi_{9}^{9}\ \Phi_{1}^{5}$
125699	1683	420	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{70}$	$\frac{19}{70}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{6}\ \Phi_{70}^{2}\ \Phi_{60}^{4}\ \Phi_{42}^{6}\ \Phi_{35}^{2}\ \Phi_{30}^{4}\ \Phi_{28}^{6}\ \Phi_{21}^{6}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{14}^{3}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_{7}^{3}\ \Phi_{6}^{5}\ \Phi_{5}^{2}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
125700	1683	780	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{780}^{3}\ \Phi_{390}^{3}\ \Phi_{195}^{3}\ \Phi_{156}^{3}\ \Phi_{78}^{3}\ \Phi_{60}^{2}\ \Phi_{52}^{3}\ \Phi_{39}^{3}\ \Phi_{30}^{2}\ \Phi_{26}^{3}\ \Phi_{15}^{3}\ \Phi_{13}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
125701	1683	570	$\frac{1}{38}$	$\frac{37}{190}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{570}^{4}\ \Phi_{285}^{4}\ \Phi_{190}\ \Phi_{114}^{4}\ \Phi_{95}\ \Phi_{57}^{4}\ \Phi_{30}^{4}\ \Phi_{15}^{5}\ \Phi_{10}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{3}^{5}\ \Phi_{1}$
125702	1683	480	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{480}^{5}\ \Phi_{240}^{5}\ \Phi_{160}\ \Phi_{120}^{4}\ \Phi_{96}^{5}\ \Phi_{80}\ \Phi_{60}^{4}\ \Phi_{48}^{5}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{3}^{5}\ \Phi_{1}$
125703	1683	285	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{285}^{8}\ \Phi_{57}^{8}\ \Phi_{19}^{8}\ \Phi_{15}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{9}$
125704	1683	90	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{90}^{20}\ \Phi_{45}^{20}\ \Phi_{30}^{15}\ \Phi_{18}^{19}\ \Phi_{15}^{16}\ \Phi_{10}^{19}\ \Phi_{9}^{19}\ \Phi_{6}^{14}\ \Phi_{5}^{19}\ \Phi_{3}^{15}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
125705	1683	248	$\frac{1}{62}$	$\frac{61}{248}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{248}^{9}\ \Phi_{124}^{5}\ \Phi_{62}^{4}\ \Phi_{31}^{4}\ \Phi_{8}^{9}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
125706	1683	192	$\frac{5}{192}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{192}^{9}\ \Phi_{96}^{9}\ \Phi_{64}^{9}\ \Phi_{48}^{9}\ \Phi_{32}^{9}\ \Phi_{24}^{9}\ \Phi_{16}^{9}\ \Phi_{12}^{5}\ \Phi_{8}^{9}\ \Phi_{6}^{4}\ \Phi_{4}^{7}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
125707	1683	340	$\frac{1}{34}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{340}^{6}\ \Phi_{170}^{6}\ \Phi_{85}^{6}\ \Phi_{68}^{2}\ \Phi_{34}\ \Phi_{20}^{3}\ \Phi_{17}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
125708	1683	868	$\frac{1}{31}$	$\frac{30}{217}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{868}^{2}\ \Phi_{434}^{2}\ \Phi_{217}^{3}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
125709	1683	372	$\frac{5}{93}$	$\frac{8}{93}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{372}^{4}\ \Phi_{186}^{4}\ \Phi_{124}^{4}\ \Phi_{93}^{6}\ \Phi_{62}^{4}\ \Phi_{31}^{6}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
125710	1683	36	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{36}^{50}\ \Phi_{18}^{49}\ \Phi_{12}^{41}\ \Phi_{9}^{49}\ \Phi_{6}^{40}\ \Phi_{4}^{43}\ \Phi_{3}^{40}\ \Phi_{2}^{42}\ \Phi_{1}^{43}$
125711	1683	1152	$\frac{1}{18}$	$\frac{3}{32}$	$\frac{29}{128}$	$\frac{1}{4}$	$\Phi_{1152}^{2}\ \Phi_{576}^{2}\ \Phi_{384}^{2}\ \Phi_{192}^{2}\ \Phi_{128}\ \Phi_{64}\ \Phi_{36}^{2}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
125712	1683	1088	$\frac{1}{34}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{1088}^{2}\ \Phi_{544}^{2}\ \Phi_{68}^{2}\ \Phi_{64}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{4}\ \Phi_{1}$
125713	1683	660	$\frac{4}{55}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{220}^{2}\ \Phi_{165}^{3}\ \Phi_{132}^{3}\ \Phi_{110}^{2}\ \Phi_{66}^{3}\ \Phi_{55}^{3}\ \Phi_{44}^{2}\ \Phi_{33}^{3}\ \Phi_{22}^{2}\ \Phi_{12}^{3}\ \Phi_{11}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{3}\ \Phi_{1}^{3}$
125714	1683	1008	$\frac{1}{18}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{252}^{2}\ \Phi_{168}^{2}\ \Phi_{126}^{2}\ \Phi_{112}\ \Phi_{84}^{2}\ \Phi_{63}^{2}\ \Phi_{56}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{28}\ \Phi_{21}^{2}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
125715	1683	360	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{6}\ \Phi_{90}^{6}\ \Phi_{60}^{6}\ \Phi_{45}^{6}\ \Phi_{40}^{3}\ \Phi_{36}^{2}\ \Phi_{30}^{6}\ \Phi_{20}^{3}\ \Phi_{18}\ \Phi_{15}^{6}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
125716	1683	140	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{140}^{11}\ \Phi_{70}^{11}\ \Phi_{35}^{14}\ \Phi_{28}^{12}\ \Phi_{20}^{12}\ \Phi_{14}^{12}\ \Phi_{10}^{12}\ \Phi_{7}^{14}\ \Phi_{5}^{15}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{15}$
125717	1683	560	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{140}^{2}\ \Phi_{112}\ \Phi_{80}^{4}\ \Phi_{70}^{2}\ \Phi_{56}\ \Phi_{40}^{4}\ \Phi_{35}^{2}\ \Phi_{28}\ \Phi_{20}^{3}\ \Phi_{16}\ \Phi_{10}^{3}\ \Phi_{8}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
125718	1683	980	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{980}^{2}\ \Phi_{490}^{2}\ \Phi_{245}^{2}\ \Phi_{140}^{2}\ \Phi_{70}^{2}\ \Phi_{49}^{2}\ \Phi_{35}^{2}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
125719	1683	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{60}^{30}\ \Phi_{30}^{30}\ \Phi_{20}^{23}\ \Phi_{15}^{30}\ \Phi_{12}^{33}\ \Phi_{10}^{22}\ \Phi_{6}^{33}\ \Phi_{5}^{22}\ \Phi_{4}^{25}\ \Phi_{3}^{33}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
125720	1683	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{22}$	$\Phi_{132}^{14}\ \Phi_{66}^{14}\ \Phi_{44}^{14}\ \Phi_{33}^{14}\ \Phi_{22}^{5}\ \Phi_{12}^{13}\ \Phi_{11}^{9}\ \Phi_{6}^{13}\ \Phi_{4}^{13}\ \Phi_{3}^{13}\ \Phi_{2}^{4}\ \Phi_{1}^{9}$
125721	1683	232	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{45}{232}$	$\frac{13}{58}$	$\Phi_{232}^{9}\ \Phi_{116}^{9}\ \Phi_{29}^{4}\ \Phi_{8}^{9}\ \Phi_{4}^{9}\ \Phi_{1}^{5}$
125722	1683	588	$\frac{1}{12}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{196}$	$\Phi_{588}^{3}\ \Phi_{294}^{3}\ \Phi_{196}^{2}\ \Phi_{147}^{3}\ \Phi_{98}^{2}\ \Phi_{84}^{4}\ \Phi_{49}^{3}\ \Phi_{42}^{4}\ \Phi_{28}^{3}\ \Phi_{21}^{4}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
125723	1683	440	$\frac{4}{55}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{5}$	$\Phi_{440}^{4}\ \Phi_{220}^{4}\ \Phi_{110}^{4}\ \Phi_{88}^{4}\ \Phi_{55}^{5}\ \Phi_{44}^{4}\ \Phi_{40}\ \Phi_{22}^{4}\ \Phi_{20}\ \Phi_{11}^{5}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
125724	1683	40	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{7}{40}$	$\Phi_{40}^{41}\ \Phi_{20}^{44}\ \Phi_{10}^{43}\ \Phi_{8}^{40}\ \Phi_{5}^{43}\ \Phi_{4}^{43}\ \Phi_{2}^{42}\ \Phi_{1}^{43}$
125725	1684	840	$\frac{1}{420}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{419}{840}$	$\Phi_{840}^{4}\ \Phi_{280}^{4}\ \Phi_{168}^{4}\ \Phi_{120}^{4}\ \Phi_{56}^{4}\ \Phi_{40}^{4}\ \Phi_{24}^{4}\ \Phi_{8}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
125726	1684	1686	$\frac{1}{281}$	$\frac{141}{562}$	$\frac{1}{3}$	$\frac{140}{281}$	$\Phi_{1686}^{2}\ \Phi_{843}\ \Phi_{6}^{2}$
125727	1684	748	$\frac{1}{187}$	$\frac{47}{374}$	$\frac{327}{748}$	$\frac{93}{187}$	$\Phi_{748}^{4}\ \Phi_{187}\ \Phi_{68}^{4}\ \Phi_{44}^{4}\ \Phi_{17}\ \Phi_{11}\ \Phi_{4}^{4}\ \Phi_{1}^{2}$
125728	1684	561	$\frac{1}{187}$	$\frac{140}{561}$	$\frac{47}{187}$	$\frac{93}{187}$	$\Phi_{561}^{4}\ \Phi_{187}\ \Phi_{51}^{4}\ \Phi_{33}^{4}\ \Phi_{17}\ \Phi_{11}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
125729	1684	837	$\frac{5}{837}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{416}{837}$	$\Phi_{837}^{2}\ \Phi_{279}^{2}\ \Phi_{93}^{2}\ \Phi_{31}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
125730	1684	765	$\frac{1}{153}$	$\frac{77}{765}$	$\frac{344}{765}$	$\frac{76}{153}$	$\Phi_{765}^{2}\ \Phi_{255}^{2}\ \Phi_{153}^{3}\ \Phi_{85}^{2}\ \Phi_{51}^{3}\ \Phi_{45}^{2}\ \Phi_{17}^{3}\ \Phi_{15}^{2}\ \Phi_{9}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
125731	1684	836	$\frac{3}{418}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{415}{836}$	$\Phi_{836}^{4}\ \Phi_{76}^{4}\ \Phi_{44}^{4}\ \Phi_{11}\ \Phi_{4}^{4}\ \Phi_{1}^{2}$
125732	1684	792	$\frac{1}{99}$	$\frac{25}{396}$	$\frac{371}{792}$	$\frac{49}{99}$	$\Phi_{792}^{4}\ \Phi_{264}^{4}\ \Phi_{99}\ \Phi_{88}^{4}\ \Phi_{72}^{4}\ \Phi_{33}\ \Phi_{24}^{4}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
125733	1684	594	$\frac{1}{99}$	$\frac{25}{198}$	$\frac{173}{594}$	$\frac{49}{99}$	$\Phi_{594}^{4}\ \Phi_{297}^{4}\ \Phi_{99}\ \Phi_{54}^{4}\ \Phi_{33}\ \Phi_{27}^{4}\ \Phi_{11}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
125734	1684	495	$\frac{1}{99}$	$\frac{74}{495}$	$\frac{25}{99}$	$\frac{49}{99}$	$\Phi_{495}^{4}\ \Phi_{165}^{4}\ \Phi_{99}\ \Phi_{55}^{4}\ \Phi_{45}^{4}\ \Phi_{33}\ \Phi_{15}^{4}\ \Phi_{11}\ \Phi_{9}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
125735	1684	833	$\frac{9}{833}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{412}{833}$	$\Phi_{833}^{2}\ \Phi_{119}^{2}\ \Phi_{49}^{2}\ \Phi_{17}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
125736	1684	828	$\frac{7}{414}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{407}{828}$	$\Phi_{828}^{4}\ \Phi_{276}^{4}\ \Phi_{92}^{4}\ \Phi_{36}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
125737	1684	816	$\frac{1}{51}$	$\frac{13}{408}$	$\frac{395}{816}$	$\frac{25}{51}$	$\Phi_{816}^{4}\ \Phi_{272}^{4}\ \Phi_{51}\ \Phi_{48}^{4}\ \Phi_{17}\ \Phi_{16}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
125738	1684	612	$\frac{1}{51}$	$\frac{13}{204}$	$\frac{191}{612}$	$\frac{25}{51}$	$\Phi_{612}^{4}\ \Phi_{306}^{4}\ \Phi_{153}^{4}\ \Phi_{51}\ \Phi_{36}^{4}\ \Phi_{18}^{4}\ \Phi_{17}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
125739	1684	459	$\frac{1}{51}$	$\frac{38}{459}$	$\frac{13}{51}$	$\frac{25}{51}$	$\Phi_{459}^{4}\ \Phi_{153}^{4}\ \Phi_{51}\ \Phi_{27}^{4}\ \Phi_{17}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
125740	1684	510	$\frac{1}{51}$	$\frac{13}{102}$	$\frac{89}{510}$	$\frac{25}{51}$	$\Phi_{510}^{4}\ \Phi_{255}^{4}\ \Phi_{170}^{4}\ \Phi_{85}^{4}\ \Phi_{51}\ \Phi_{30}^{4}\ \Phi_{17}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
125741	1684	825	$\frac{17}{825}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{404}{825}$	$\Phi_{825}^{2}\ \Phi_{275}^{2}\ \Phi_{165}^{2}\ \Phi_{75}^{2}\ \Phi_{55}^{2}\ \Phi_{33}^{3}\ \Phi_{25}^{2}\ \Phi_{15}^{2}\ \Phi_{11}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
125742	1684	495	$\frac{1}{33}$	$\frac{17}{165}$	$\frac{74}{495}$	$\frac{16}{33}$	$\Phi_{495}^{4}\ \Phi_{165}^{2}\ \Phi_{99}^{4}\ \Phi_{55}^{2}\ \Phi_{45}^{4}\ \Phi_{33}^{3}\ \Phi_{15}^{2}\ \Phi_{11}^{3}\ \Phi_{9}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
125743	1684	816	$\frac{13}{408}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{395}{816}$	$\Phi_{816}^{4}\ \Phi_{272}^{4}\ \Phi_{48}^{4}\ \Phi_{17}^{3}\ \Phi_{16}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
125744	1684	484	$\frac{5}{121}$	$\frac{1}{11}$	$\frac{63}{484}$	$\frac{58}{121}$	$\Phi_{484}^4\ \Phi_{242}^4\ \Phi_{121}^2\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{11}\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
125745	1684	1617	$\frac{67}{1617}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{775}{1617}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{231}\ \Phi_{147}\ \Phi_{77}^2\ \Phi_{49}\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
125746	1684	1615	$\frac{69}{1615}$	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{773}{1615}$	$\Phi_{1615}\ \Phi_{323}\ \Phi_{95}\ \Phi_{85}^2\ \Phi_{19}\ \Phi_{17}\ \Phi_5^2\ \Phi_1^2$
125747	1684	510	$\frac{4}{85}$	$\frac{1}{17}$	$\frac{89}{510}$	$\frac{81}{170}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{102}^4\ \Phi_{85}^4\ \Phi_{51}^4\ \Phi_{30}^4\ \Phi_{17}^3\ \Phi_{15}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_3^4\ \Phi_1^4$
125748	1684	476	$\frac{1}{17}$	$\frac{9}{119}$	$\frac{55}{476}$	$\frac{8}{17}$	$\Phi_{476}^4\ \Phi_{238}^4\ \Phi_{119}^2\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{28}^4\ \Phi_{17}^3\ \Phi_{14}^4\ \Phi_7^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
125749	1684	792	$\frac{1}{33}$	$\frac{25}{396}$	$\frac{8}{33}$	$\frac{371}{792}$	$\Phi_{792}^4\ \Phi_{264}^4\ \Phi_{88}^4\ \Phi_{72}^4\ \Phi_{33}^3\ \Phi_{24}^4\ \Phi_{11}^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
125750	1684	462	$\frac{5}{77}$	$\frac{41}{462}$	$\frac{1}{11}$	$\frac{36}{77}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{77}^2\ \Phi_{66}^4\ \Phi_{42}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{11}\ \Phi_7^2\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^2$
125751	1684	1573	$\frac{111}{1573}$	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{731}{1573}$	$\Phi_{1573}\ \Phi_{143}\ \Phi_{121}^2\ \Phi_{13}\ \Phi_{11}\ \Phi_1^2$
125752	1684	627	$\frac{3}{209}$	$\frac{1}{11}$	$\frac{206}{627}$	$\frac{5}{11}$	$\Phi_{627}^4\ \Phi_{57}^4\ \Phi_{33}^4\ \Phi_{11}\ \Phi_3^4\ \Phi_1^2$
125753	1684	429	$\frac{8}{429}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{429}^4\ \Phi_{143}^4\ \Phi_{39}^4\ \Phi_{33}^4\ \Phi_{13}^4\ \Phi_{11}\ \Phi_3^4\ \Phi_1^2$
125754	1684	1045	$\frac{6}{209}$	$\frac{1}{11}$	$\frac{203}{1045}$	$\frac{5}{11}$	$\Phi_{1045}^2\ \Phi_{95}^2\ \Phi_{55}^2\ \Phi_{11}\ \Phi_5^2\ \Phi_1^2$
125755	1684	440	$\frac{19}{440}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{440}^4\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{88}^4\ \Phi_{55}^4\ \Phi_{44}^4\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{11}\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^4\ \Phi_4^4\ \Phi_1^2$
125756	1684	770	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{36}{385}$	$\frac{349}{770}$	$\Phi_{770}^4\ \Phi_{154}^4\ \Phi_{110}^4\ \Phi_{77}^2\ \Phi_{70}^4\ \Phi_{22}^4\ \Phi_{14}^4\ \Phi_{11}\ \Phi_{10}^4\ \Phi_7^2\ \Phi_2^4\ \Phi_1^2$
125757	1684	765	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{77}{765}$	$\frac{344}{765}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^2\ \Phi_{85}^4\ \Phi_{51}^2\ \Phi_{45}^2\ \Phi_{17}^3\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
125758	1684	558	$\frac{5}{279}$	$\frac{1}{9}$	$\frac{137}{558}$	$\frac{4}{9}$	$\Phi_{558}^4\ \Phi_{279}^2\ \Phi_{186}^4\ \Phi_{93}^2\ \Phi_{62}^4\ \Phi_{31}^2\ \Phi_{18}^4\ \Phi_9^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
125759	1684	432	$\frac{11}{432}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{27}^2\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
125760	1684	748	$\frac{3}{187}$	$\frac{47}{374}$	$\frac{46}{187}$	$\frac{327}{748}$	$\Phi_{748}^4\ \Phi_{187}\ \Phi_{68}^4\ \Phi_{44}^4\ \Phi_{17}\ \Phi_{11}\ \Phi_4^4\ \Phi_1^2$
125761	1684	1485	$\frac{1}{99}$	$\frac{199}{1485}$	$\frac{98}{297}$	$\frac{643}{1485}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}^2\ \Phi_{165}\ \Phi_{135}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_{11}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
125762	1684	726	$\frac{5}{121}$	$\frac{1}{11}$	$\frac{58}{363}$	$\frac{305}{726}$	$\Phi_{726}^4\ \Phi_{242}^4\ \Phi_{121}^2\ \Phi_{66}^4\ \Phi_{22}^4\ \Phi_{11}\ \Phi_6^4\ \Phi_2^4\ \Phi_1^2$
125763	1684	594	$\frac{1}{99}$	$\frac{49}{297}$	$\frac{173}{594}$	$\frac{124}{297}$	$\Phi_{594}^4\ \Phi_{297}^2\ \Phi_{198}^4\ \Phi_{99}\ \Phi_{66}^4\ \Phi_{54}^4\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{11}\ \Phi_9\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
125764	1684	425	$\frac{4}{425}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{425}^4\ \Phi_{85}^4\ \Phi_{25}^4\ \Phi_{17}^3\ \Phi_5^4\ \Phi_1^4$
125765	1684	432	$\frac{11}{432}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
125766	1684	1377	$\frac{1}{153}$	$\frac{307}{1377}$	$\frac{152}{459}$	$\frac{535}{1377}$	$\Phi_{1377}\ \Phi_{459}^2\ \Phi_{153}\ \Phi_{81}\ \Phi_{51}\ \Phi_{27}^2\ \Phi_{17}\ \Phi_9\ \Phi_3\ \Phi_1^2$
125767	1684	442	$\frac{21}{442}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{442}^4\ \Phi_{221}^4\ \Phi_{26}^4\ \Phi_{17}^3\ \Phi_{13}^4\ \Phi_1^4$
125768	1684	680	$\frac{4}{85}$	$\frac{1}{17}$	$\frac{81}{340}$	$\frac{259}{680}$	$\Phi_{680}^4\ \Phi_{136}^4\ \Phi_{85}^4\ \Phi_{40}^4\ \Phi_{17}^3\ \Phi_8^4\ \Phi_5^4\ \Phi_1^4$
125769	1684	462	$\frac{1}{33}$	$\frac{41}{462}$	$\frac{8}{33}$	$\frac{25}{66}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{42}^4\ \Phi_{33}^3\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{11}^3\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
125770	1684	612	$\frac{1}{153}$	$\frac{38}{153}$	$\frac{191}{612}$	$\frac{115}{306}$	$\Phi_{612}^4\ \Phi_{204}^4\ \Phi_{153}^3\ \Phi_{68}^4\ \Phi_{51}^3\ \Phi_{36}^4\ \Phi_{17}^3\ \Phi_{12}^4\ \Phi_9^3\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
125771	1684	1287	$\frac{1}{33}$	$\frac{32}{429}$	$\frac{397}{1287}$	$\frac{445}{1287}$	$\Phi_{1287}\ \Phi_{429}^2\ \Phi_{143}^2\ \Phi_{117}\ \Phi_{99}\ \Phi_{39}^2\ \Phi_{33}\ \Phi_{13}^2\ \Phi_{11}\ \Phi_9\ \Phi_3\ \Phi_1^2$
125772	1684	1275	$\frac{16}{425}$	$\frac{1}{17}$	$\frac{409}{1275}$	$\frac{433}{1275}$	$\Phi_{1275}\ \Phi_{425}^2\ \Phi_{255}\ \Phi_{85}^2\ \Phi_{75}\ \Phi_{51}\ \Phi_{25}^2\ \Phi_{17}\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
125773	1684	1269	$\frac{8}{423}$	$\frac{1}{9}$	$\frac{415}{1269}$	$\frac{427}{1269}$	$\Phi_{1269}\ \Phi_{423}^2\ \Phi_{141}^2\ \Phi_{47}^2\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
125774	1684	423	$\frac{2}{423}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{423}^4\ \Phi_{141}^4\ \Phi_{47}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
125775	1684	630	$\frac{1}{210}$	$\frac{209}{630}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{630}^4\ \Phi_{315}^4\ \Phi_{126}^4\ \Phi_{90}^4\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
125776	1684	1272	$\frac{3}{424}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1272}\ \Phi_{636}\ \Phi_{424}^2\ \Phi_{318}\ \Phi_{212}^2\ \Phi_{159}\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
125777	1684	1680	$\frac{1}{140}$	$\frac{139}{560}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}^2\ \Phi_{336}\ \Phi_{280}^2\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
125778	1684	1275	$\frac{4}{425}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1275}\ \Phi_{425}^2\ \Phi_{255}\ \Phi_{85}^2\ \Phi_{75}\ \Phi_{51}\ \Phi_{25}^2\ \Phi_{17}^2\ \Phi_3\ \Phi_1^2$
125779	1684	525	$\frac{1}{105}$	$\frac{104}{525}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{525}^4\ \Phi_{175}^4\ \Phi_{75}^4\ \Phi_{25}^4\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
125780	1684	426	$\frac{5}{426}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{426}^4\ \Phi_{213}^4\ \Phi_{142}^4\ \Phi_{71}^4\ \Phi_3\ \Phi_1^2$
125781	1684	504	$\frac{1}{84}$	$\frac{83}{504}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{72}^4\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
125782	1684	1281	$\frac{6}{427}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1281}\ \Phi_{427}^2\ \Phi_{183}\ \Phi_{61}^2\ \Phi_3\ \Phi_1^2$
125783	1684	1470	$\frac{1}{70}$	$\frac{69}{490}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}^2\ \Phi_{294}\ \Phi_{245}^2\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_3\ \Phi_1^2$
125784	1684	855	$\frac{13}{855}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{171}^2\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{45}^2\ \Phi_{19}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
125785	1684	480	$\frac{1}{60}$	$\frac{59}{480}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
125786	1684	945	$\frac{2}{105}$	$\frac{103}{945}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
125787	1684	1290	$\frac{9}{430}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{430}^2\ \Phi_{258}\ \Phi_{215}^2\ \Phi_{129}\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_3\ \Phi_1^2$
125788	1684	861	$\frac{19}{861}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{861}^2\ \Phi_{287}^2\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_3\ \Phi_1^2$
125789	1684	462	$\frac{1}{42}$	$\frac{41}{462}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_3\ \Phi_1^2$
125790	1684	432	$\frac{11}{432}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
125791	1684	1365	$\frac{1}{35}$	$\frac{34}{455}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}^2\ \Phi_{273}\ \Phi_{195}\ \Phi_{91}^2\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
125792	1684	1302	$\frac{13}{434}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}^2\ \Phi_{217}^2\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_3\ \Phi_1^2$
125793	1684	435	$\frac{14}{435}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{435}^4\ \Phi_{145}^4\ \Phi_{87}^4\ \Phi_{29}^4\ \Phi_3\ \Phi_1^2$
125794	1684	450	$\frac{1}{30}$	$\frac{29}{450}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{45}^4\ \Phi_{25}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
125795	1684	1344	$\frac{1}{28}$	$\frac{27}{448}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}^2\ \Phi_{336}\ \Phi_{224}^2\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
125796	1684	1320	$\frac{19}{440}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}^2\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
125797	1684	441	$\frac{20}{441}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{441}^4\ \Phi_{147}^4\ \Phi_{63}^4\ \Phi_{49}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
125798	1684	621	$\frac{7}{207}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{200}{621}$	$\Phi_{621}^4\ \Phi_{27}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
125799	1684	1089	$\frac{5}{121}$	$\frac{1}{11}$	$\frac{247}{1089}$	$\frac{116}{363}$	$\Phi_{1089}^2\ \Phi_{121}^2\ \Phi_{99}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
125800	1684	612	$\frac{1}{17}$	$\frac{13}{204}$	$\frac{4}{17}$	$\frac{191}{612}$	$\Phi_{612}^4\ \Phi_{306}^4\ \Phi_{153}^4\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{17}^3\ \Phi_9^4\ \Phi_1^4$
125801	1684	510	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{89}{510}$	$\frac{77}{255}$	$\Phi_{510}^4\ \Phi_{255}^2\ \Phi_{170}^4\ \Phi_{102}^4\ \Phi_{85}^4\ \Phi_{51}^2\ \Phi_{34}^4\ \Phi_{30}^4\ \Phi_{17}^3\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
125802	1684	594	$\frac{1}{33}$	$\frac{25}{198}$	$\frac{8}{33}$	$\frac{173}{594}$	$\Phi_{594}^4\ \Phi_{297}^4\ \Phi_{54}^4\ \Phi_{33}^3\ \Phi_{27}^4\ \Phi_{11}^3\ \Phi_3^3\ \Phi_1^4$
125803	1684	462	$\frac{41}{462}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{231}$	$\Phi_{462}^4\ \Phi_{231}^3\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}^4\ \Phi_{42}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{11}^3\ \Phi_7^4\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
125804	1684	1155	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{72}{385}$	$\frac{313}{1155}$	$\Phi_{1155}^2\ \Phi_{231}^2\ \Phi_{165}^2\ \Phi_{105}^2\ \Phi_{77}^2\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^2$
125805	1684	459	$\frac{1}{17}$	$\frac{38}{459}$	$\frac{4}{17}$	$\frac{13}{51}$	$\Phi_{459}^4\ \Phi_{153}^4\ \Phi_{27}^4\ \Phi_{17}^3\ \Phi_9^4\ \Phi_1^4$
125806	1684	495	$\frac{1}{33}$	$\frac{74}{495}$	$\frac{8}{33}$	$\frac{25}{99}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{55}^4\ \Phi_{45}^4\ \Phi_{33}^3\ \Phi_{15}^4\ \Phi_{11}^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
125807	1684	561	$\frac{3}{187}$	$\frac{46}{187}$	$\frac{140}{561}$	$\frac{47}{187}$	$\Phi_{561}^4\ \Phi_{187}\ \Phi_{51}^4\ \Phi_{33}^4\ \Phi_{17}\ \Phi_{11}\ \Phi_3^4\ \Phi_1^2$
125808	1684	528	$\frac{1}{33}$	$\frac{25}{132}$	$\frac{107}{528}$	$\frac{8}{33}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{176}^4\ \Phi_{88}^4\ \Phi_{48}^4\ \Phi_{33}^3\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{11}^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
125809	1684	544	$\frac{1}{17}$	$\frac{13}{136}$	$\frac{123}{544}$	$\frac{4}{17}$	$\Phi_{544}^4\ \Phi_{272}^4\ \Phi_{32}^4\ \Phi_{17}^3\ \Phi_{16}^4\ \Phi_1^4$
125810	1684	476	$\frac{1}{17}$	$\frac{55}{476}$	$\frac{13}{68}$	$\frac{4}{17}$	$\Phi_{476}^4\ \Phi_{238}^4\ \Phi_{119}^4\ \Phi_{28}^4\ \Phi_{17}^3\ \Phi_{14}^4\ \Phi_7^4\ \Phi_1^4$
125811	1684	510	$\frac{1}{17}$	$\frac{13}{102}$	$\frac{89}{510}$	$\frac{4}{17}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{170}^4\ \Phi_{85}^4\ \Phi_{30}^4\ \Phi_{17}^3\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_1^4$
125812	1684	539	$\frac{1}{11}$	$\frac{67}{539}$	$\frac{10}{77}$	$\frac{118}{539}$	$\Phi_{539}^3\ \Phi_{77}^4\ \Phi_{49}^3\ \Phi_{11}^3\ \Phi_7^4\ \Phi_1^4$
125813	1685	672	$\frac{1}{336}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{335}{672}$	$\Phi_{672}^5\ \Phi_{224}^5\ \Phi_{96}^5\ \Phi_{32}^5\ \Phi_8\ \Phi_1$
125814	1685	1950	$\frac{12}{325}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{313}{650}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{390}\ \Phi_{325}\ \Phi_{195}\ \Phi_{150}\ \Phi_{78}^2\ \Phi_{75}\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{30}\ \Phi_{26}\ \Phi_{25}\ \Phi_{15}\ \Phi_{13}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
125815	1685	1092	$\frac{1}{26}$	$\frac{27}{364}$	$\frac{1}{6}$	$\frac{25}{52}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}\ \Phi_{273}^2\ \Phi_{182}\ \Phi_{91}\ \Phi_{84}^2\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{39}^2\ \Phi_{28}\ \Phi_{26}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{13}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
125816	1685	624	$\frac{1}{26}$	$\frac{25}{312}$	$\frac{1}{6}$	$\frac{287}{624}$	$\Phi_{624}^5\ \Phi_{208}^5\ \Phi_{78}^2\ \Phi_{48}^5\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{16}^5\ \Phi_{13}\ \Phi_6\ \Phi_3\ \Phi_1$
125817	1685	2712	$\frac{2}{339}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2712}\ \Phi_{904}\ \Phi_{339}\ \Phi_{113}\ \Phi_8\ \Phi_1$
125818	1685	504	$\frac{1}{168}$	$\frac{1}{4}$	$\frac{167}{504}$	$\frac{3}{8}$	$\Phi_{504}^5\ \Phi_{252}^5\ \Phi_{126}^5\ \Phi_{72}^5\ \Phi_{63}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_9^5\ \Phi_8\ \Phi_1$
125819	1685	1696	$\frac{11}{1696}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1696}\ \Phi_{848}\ \Phi_{424}\ \Phi_{212}\ \Phi_{106}\ \Phi_{53}\ \Phi_{32}\ \Phi_8\ \Phi_1$
125820	1685	680	$\frac{3}{340}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{680}^4\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}^4\ \Phi_{85}\ \Phi_{68}\ \Phi_{40}^4\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
125821	1685	448	$\frac{1}{112}$	$\frac{111}{448}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{448}^5\ \Phi_{224}^5\ \Phi_{64}^5\ \Phi_{32}^5\ \Phi_8\ \Phi_1$
125822	1685	1704	$\frac{19}{1704}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{568}\ \Phi_{426}\ \Phi_{284}\ \Phi_{213}\ \Phi_{142}\ \Phi_{71}\ \Phi_8\ \Phi_1$
125823	1685	840	$\frac{1}{84}$	$\frac{83}{420}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^4\ \Phi_{420}\ \Phi_{280}^4\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}^4\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}^4\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
125824	1685	1368	$\frac{5}{342}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1368}^2\ \Phi_{456}^2\ \Phi_{342}\ \Phi_{171}\ \Phi_{152}^2\ \Phi_{114}\ \Phi_{72}^2\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
125825	1685	2016	$\frac{5}{336}$	$\frac{331}{2016}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
125826	1685	2744	$\frac{6}{343}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2744}\ \Phi_{392}\ \Phi_{343}\ \Phi_{49}\ \Phi_8\ \Phi_1$
125827	1685	392	$\frac{1}{56}$	$\frac{55}{392}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{392}^5\ \Phi_{196}^5\ \Phi_{98}^5\ \Phi_{49}^5\ \Phi_8\ \Phi_1$
125828	1685	344	$\frac{7}{344}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{344}^5\ \Phi_{172}^5\ \Phi_{86}^5\ \Phi_{43}^5\ \Phi_8\ \Phi_1$
125829	1685	384	$\frac{1}{48}$	$\frac{47}{384}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{384}^5\ \Phi_{192}^5\ \Phi_{128}^5\ \Phi_{96}^5\ \Phi_{64}^5\ \Phi_{32}^5\ \Phi_8\ \Phi_1$
125830	1685	1512	$\frac{1}{42}$	$\frac{41}{378}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1512}^2\ \Phi_{504}^2\ \Phi_{378}\ \Phi_{216}^2\ \Phi_{189}\ \Phi_{126}\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
125831	1685	1728	$\frac{43}{1728}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
125832	1685	1736	$\frac{51}{1736}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{434}\ \Phi_{248}\ \Phi_{217}\ \Phi_{124}\ \Phi_{62}\ \Phi_{31}\ \Phi_8\ \Phi_1$
125833	1685	1848	$\frac{5}{168}$	$\frac{163}{1848}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
125834	1685	696	$\frac{11}{348}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{696}^4\ \Phi_{348}\ \Phi_{232}^4\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}\ \Phi_{29}\ \Phi_8\ \Phi_1$
125835	1685	728	$\frac{1}{28}$	$\frac{27}{364}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{728}^4\ \Phi_{364}\ \Phi_{182}\ \Phi_{104}^4\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
125836	1685	1400	$\frac{13}{350}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1400}^2\ \Phi_{350}\ \Phi_{280}^2\ \Phi_{200}^2\ \Phi_{175}\ \Phi_{70}\ \Phi_{50}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{25}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
125837	1685	360	$\frac{1}{24}$	$\frac{23}{360}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^5\ \Phi_{72}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{40}^5\ \Phi_{36}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{18}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_9^5\ \Phi_8\ \Phi_5^5\ \Phi_1$
125838	1685	352	$\frac{15}{352}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{352}^5\ \Phi_{176}^5\ \Phi_{88}^5\ \Phi_{44}^5\ \Phi_{32}^5\ \Phi_{22}^5\ \Phi_{11}^5\ \Phi_8\ \Phi_1$
125839	1685	1792	$\frac{5}{112}$	$\frac{107}{1792}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_1$
125840	1685	2856	$\frac{1}{21}$	$\frac{20}{357}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{357}\ \Phi_{136}\ \Phi_{119}\ \Phi_{51}\ \Phi_{17}\ \Phi_8\ \Phi_1$
125841	1685	390	$\frac{1}{26}$	$\frac{53}{390}$	$\frac{1}{6}$	$\frac{25}{78}$	$\Phi_{390}^5\ \Phi_{195}^5\ \Phi_{130}^5\ \Phi_{78}^2\ \Phi_{65}^5\ \Phi_{39}^2\ \Phi_{30}^5\ \Phi_{26}\ \Phi_{15}^5\ \Phi_{13}\ \Phi_{10}^5\ \Phi_6\ \Phi_5^5\ \Phi_3\ \Phi_1$
125842	1685	468	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{1}{6}$	$\frac{131}{468}$	$\Phi_{468}^5\ \Phi_{234}^5\ \Phi_{117}^5\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{36}^5\ \Phi_{26}\ \Phi_{18}^5\ \Phi_{13}\ \Phi_9^5\ \Phi_6\ \Phi_3\ \Phi_1$
125843	1685	1248	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{79}{416}$	$\frac{25}{104}$	$\Phi_{1248}^2\ \Phi_{624}^2\ \Phi_{416}\ \Phi_{208}\ \Phi_{96}^2\ \Phi_{78}^2\ \Phi_{48}^2\ \Phi_{39}^2\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_6\ \Phi_3\ \Phi_1$
125844	1685	421	$\frac{16}{421}$	$\frac{81}{421}$	$\frac{84}{421}$	$\frac{85}{421}$	$\Phi_{421}^4\ \Phi_1^5$
125845	1685	390	$\frac{1}{13}$	$\frac{53}{390}$	$\frac{1}{6}$	$\frac{12}{65}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^4\ \Phi_{78}^5\ \Phi_{65}^5\ \Phi_{39}^5\ \Phi_{30}^4\ \Phi_{26}^5\ \Phi_{15}^4\ \Phi_{13}^5\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
125846	1686	1348	$\frac{1}{337}$	$\frac{169}{674}$	$\frac{505}{1348}$	$\frac{168}{337}$	$\Phi_{1348}^2\ \Phi_{337}\ \Phi_4^2\ \Phi_1^2$
125847	1686	560	$\frac{1}{280}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{279}{560}$	$\Phi_{560}^6\ \Phi_{112}^6\ \Phi_{80}^6\ \Phi_{16}^6\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
125848	1686	1680	$\frac{1}{280}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{279}{560}$	$\Phi_{1680}^3\ \Phi_{336}^3\ \Phi_{240}^3\ \Phi_{48}^3\ \Phi_{12}\ \Phi_6$
125849	1686	3906	$\frac{2}{279}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{277}{558}$	$\Phi_{3906}\ \Phi_{1302}\ \Phi_{434}\ \Phi_{126}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
125850	1686	2632	$\frac{1}{94}$	$\frac{1}{7}$	$\frac{95}{376}$	$\frac{93}{188}$	$\Phi_{2632}\ \Phi_{658}\ \Phi_{329}\ \Phi_{56}\ \Phi_{14}$
125851	1686	337	$\frac{5}{337}$	$\frac{56}{337}$	$\frac{57}{337}$	$\frac{166}{337}$	$\Phi_{337}^5\ \Phi_1^6$
125852	1686	3864	$\frac{5}{276}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{271}{552}$	$\Phi_{3864}\ \Phi_{1288}\ \Phi_{168}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
125853	1686	910	$\frac{2}{65}$	$\frac{67}{910}$	$\frac{1}{5}$	$\frac{63}{130}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{70}^2\ \Phi_{65}^2\ \Phi_{35}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
125854	1686	1625	$\frac{61}{1625}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{782}{1625}$	$\Phi_{1625}\ \Phi_{325}\ \Phi_{125}\ \Phi_{65}^2\ \Phi_{25}\ \Phi_{13}^2\ \Phi_5\ \Phi_1^2$
125855	1686	520	$\frac{2}{65}$	$\frac{21}{260}$	$\frac{1}{5}$	$\frac{239}{520}$	$\Phi_{520}^6\ \Phi_{104}^6\ \Phi_{65}^2\ \Phi_{40}^6\ \Phi_{13}^2\ \Phi_8^6\ \Phi_5\ \Phi_1^2$
125856	1686	2016	$\frac{7}{288}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}$ $\Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
125857	1686	3290	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{46}{235}$	$\frac{189}{470}$	$\Phi_{3290}\ \Phi_{658}\ \Phi_{329}\ \Phi_{70}\ \Phi_{14}$
125858	1686	420	$\frac{1}{140}$	$\frac{1}{5}$	$\frac{139}{420}$	$\frac{2}{5}$	$\Phi_{420}^6\ \Phi_{210}^6\ \Phi_{105}^6\ \Phi_{84}^6\ \Phi_{60}^6\ \Phi_{42}^6\ \Phi_{30}^6\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_6^6\ \Phi_5$ $\Phi_3^6\ \Phi_1^2$
125859	1686	850	$\frac{7}{850}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{850}^2\ \Phi_{425}^2\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{50}^2\ \Phi_{34}^2\ \Phi_{25}^2\ \Phi_{17}^2\ \Phi_5\ \Phi_1^2$
125860	1686	1420	$\frac{3}{284}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1420}\ \Phi_{710}\ \Phi_{355}\ \Phi_{284}^2\ \Phi_{142}^2\ \Phi_{71}^2\ \Phi_5\ \Phi_1^2$
125861	1686	1120	$\frac{3}{280}$	$\frac{1}{5}$	$\frac{277}{1120}$	$\frac{2}{5}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{224}^2\ \Phi_{160}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
125862	1686	285	$\frac{4}{285}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{285}^6\ \Phi_{95}^6\ \Phi_{57}^6\ \Phi_{19}^6\ \Phi_{15}^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
125863	1686	350	$\frac{1}{70}$	$\frac{69}{350}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{350}^6\ \Phi_{175}^6\ \Phi_{50}^6\ \Phi_{25}^6\ \Phi_5\ \Phi_1^2$
125864	1686	1680	$\frac{1}{56}$	$\frac{55}{336}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}^2\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{120}\ \Phi_{112}^2$ $\Phi_{105}\ \Phi_{84}^2\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2$ $\Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
125865	1686	860	$\frac{17}{860}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{860}^2\ \Phi_{430}^2\ \Phi_{215}^2\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_5\ \Phi_1^2$
125866	1686	1435	$\frac{6}{287}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1435}\ \Phi_{287}^2\ \Phi_{205}\ \Phi_{41}^2\ \Phi_5\ \Phi_1^2$
125867	1686	980	$\frac{3}{140}$	$\frac{137}{980}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{245}^2\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_5\ \Phi_1^2$
125868	1686	1440	$\frac{7}{288}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}^2\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}^2\ \Phi_{120}$ $\Phi_{96}^2\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2$ $\Phi_{15}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
125869	1686	320	$\frac{1}{40}$	$\frac{39}{320}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{320}^6\ \Phi_{160}^6\ \Phi_{80}^6\ \Phi_{64}^6\ \Phi_{32}^6\ \Phi_{16}^6\ \Phi_5\ \Phi_1^2$
125870	1686	315	$\frac{1}{35}$	$\frac{34}{315}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{315}^6\ \Phi_{105}^6\ \Phi_{63}^6\ \Phi_{45}^6\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_9^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
125871	1686	290	$\frac{9}{290}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{290}^6\ \Phi_{145}^6\ \Phi_{58}^6\ \Phi_{29}^6\ \Phi_5\ \Phi_1^2$
125872	1686	1540	$\frac{1}{28}$	$\frac{27}{308}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}^2\ \Phi_{220}\ \Phi_{154}^2\ \Phi_{110}\ \Phi_{77}^2\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{22}^2$ $\Phi_{11}^2\ \Phi_5\ \Phi_1^2$
125873	1686	875	$\frac{32}{875}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{875}^2\ \Phi_{175}^2\ \Phi_{125}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
125874	1686	880	$\frac{37}{880}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{176}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{80}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}^2$ $\Phi_5\ \Phi_1^2$
125875	1686	910	$\frac{3}{70}$	$\frac{67}{910}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{182}^2\ \Phi_{130}^2\ \Phi_{91}^2\ \Phi_{65}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_5\ \Phi_1^2$
125876	1686	1470	$\frac{13}{294}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{294}^2\ \Phi_{245}\ \Phi_{210}\ \Phi_{147}^2\ \Phi_{105}\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{42}^2$ $\Phi_{30}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
125877	1686	300	$\frac{1}{20}$	$\frac{19}{300}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^6\ \Phi_{75}^6\ \Phi_{60}^6\ \Phi_{50}^6\ \Phi_{30}^6\ \Phi_{25}^6\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_6^6\ \Phi_5$ $\Phi_3^6\ \Phi_1^2$
125878	1686	2544	$\frac{5}{848}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2544}\ \Phi_{1272}\ \Phi_{636}\ \Phi_{318}\ \Phi_{159}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
125879	1686	1266	$\frac{1}{211}$	$\frac{70}{211}$	$\frac{1}{3}$	$\frac{141}{422}$	$\Phi_{1266}^3\ \Phi_{633}\ \Phi_6^3$
125880	1686	420	$\frac{1}{140}$	$\frac{1}{4}$	$\frac{139}{420}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^6\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^6\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{35}^6\ \Phi_{30}^3\ \Phi_{28}^6\ \Phi_{21}^3$ $\Phi_{20}^6\ \Phi_{15}^3\ \Phi_{14}^6\ \Phi_{12}^4\ \Phi_{10}^6\ \Phi_7^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
125881	1686	852	$\frac{3}{284}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{852}^3\ \Phi_{426}^3\ \Phi_{213}^3\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
125882	1686	3360	$\frac{3}{280}$	$\frac{277}{1120}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{672}\ \Phi_{480}\ \Phi_{336}\ \Phi_{240}\ \Phi_{96}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
125883	1686	1140	$\frac{4}{285}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{228}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{60}\ \Phi_{38}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
125884	1686	2100	$\frac{1}{70}$	$\frac{69}{350}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2100}^2\ \Phi_{1050}\ \Phi_{525}\ \Phi_{300}^2\ \Phi_{150}\ \Phi_{75}\ \Phi_{12}\ \Phi_6$
125885	1686	336	$\frac{1}{56}$	$\frac{55}{336}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^6\ \Phi_{168}^3\ \Phi_{112}^6\ \Phi_{84}^3\ \Phi_{56}^6\ \Phi_{48}^6\ \Phi_{42}^3\ \Phi_{28}^6\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_{12}^4\ \Phi_8^6\ \Phi_7^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
125886	1686	2580	$\frac{17}{860}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{645}\ \Phi_{516}\ \Phi_{258}\ \Phi_{129}\ \Phi_{12}\ \Phi_6$
125887	1686	3444	$\frac{6}{287}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3444}\ \Phi_{1722}\ \Phi_{492}\ \Phi_{246}\ \Phi_{12}\ \Phi_6$
125888	1686	2940	$\frac{3}{140}$	$\frac{137}{980}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{735}\ \Phi_{588}\ \Phi_{294}\ \Phi_{147}\ \Phi_{12}\ \Phi_6$
125889	1686	288	$\frac{7}{288}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{288}^6\ \Phi_{144}^6\ \Phi_{96}^6\ \Phi_{72}^6\ \Phi_{48}^6\ \Phi_{36}^6\ \Phi_{32}^6\ \Phi_{24}^3\ \Phi_{18}^6\ \Phi_{16}^6\ \Phi_{12}^4\ \Phi_9^6\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
125890	1686	960	$\frac{1}{40}$	$\frac{39}{320}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{960}^3\ \Phi_{480}^3\ \Phi_{240}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{12}\ \Phi_6$
125891	1686	1260	$\frac{1}{35}$	$\frac{34}{315}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
125892	1686	2604	$\frac{25}{868}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2604}\ \Phi_{1302}\ \Phi_{651}\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{12}\ \Phi_6$
125893	1686	1740	$\frac{9}{290}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1740}^2\ \Phi_{870}\ \Phi_{435}\ \Phi_{348}^2\ \Phi_{174}\ \Phi_{87}\ \Phi_{12}\ \Phi_6$
125894	1686	924	$\frac{1}{28}$	$\frac{27}{308}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^3\ \Phi_{462}^3\ \Phi_{231}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{12}\ \Phi_6$
125895	1686	2640	$\frac{37}{880}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{165}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
125896	1686	588	$\frac{13}{294}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}^4\ \Phi_{294}^2\ \Phi_{196}^4\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{84}^2\ \Phi_{49}^2\ \Phi_{42}\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
125897	1686	300	$\frac{1}{20}$	$\frac{19}{300}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^6\ \Phi_{75}^6\ \Phi_{60}^3\ \Phi_{50}^6\ \Phi_{30}^3\ \Phi_{25}^6\ \Phi_{20}^6\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_{10}^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
125898	1686	2688	$\frac{3}{56}$	$\frac{53}{896}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
125899	1686	2604	$\frac{2}{93}$	$\frac{1}{7}$	$\frac{91}{372}$	$\frac{1}{3}$	$\Phi_{2604}\ \Phi_{1302}\ \Phi_{868}\ \Phi_{434}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
125900	1686	2016	$\frac{7}{288}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
125901	1686	337	$\frac{10}{337}$	$\frac{56}{337}$	$\frac{57}{337}$	$\frac{109}{337}$	$\Phi_{337}^5\ \Phi_1^6$
125902	1686	325	$\frac{2}{65}$	$\frac{44}{325}$	$\frac{1}{5}$	$\frac{21}{65}$	$\Phi_{325}^6\ \Phi_{65}^2\ \Phi_{25}^6\ \Phi_{13}^2\ \Phi_5\ \Phi_1^2$
125903	1686	2898	$\frac{5}{138}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{133}{414}$	$\Phi_{2898}\ \Phi_{1449}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
125904	1686	390	$\frac{2}{65}$	$\frac{21}{130}$	$\frac{1}{5}$	$\frac{109}{390}$	$\Phi_{390}^6\ \Phi_{195}^6\ \Phi_{78}^6\ \Phi_{65}^2\ \Phi_{39}^6\ \Phi_{30}^6\ \Phi_{15}^6\ \Phi_{13}^2\ \Phi_6^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
125905	1686	1040	$\frac{2}{65}$	$\frac{197}{1040}$	$\frac{1}{5}$	$\frac{63}{260}$	$\Phi_{1040}^2\ \Phi_{520}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{80}^2\ \Phi_{65}^2\ \Phi_{40}^2\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
125906	1686	325	$\frac{4}{65}$	$\frac{44}{325}$	$\frac{61}{325}$	$\frac{1}{5}$	$\Phi_{325}^5\ \Phi_{65}^6\ \Phi_{25}^5\ \Phi_{13}^6\ \Phi_5^5\ \Phi_1^6$
125907	1687	480	$\frac{1}{240}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{239}{480}$	$\Phi_{480}^7\ \Phi_{160}^7\ \Phi_{96}^7\ \Phi_{32}^7\ \Phi_{12}\ \Phi_4\ \Phi_1$
125908	1687	1440	$\frac{1}{240}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{239}{480}$	$\Phi_{1440}^3\ \Phi_{480}\ \Phi_{288}^3\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_9\ \Phi_1$
125909	1687	3348	$\frac{13}{1674}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1661}{3348}$	$\Phi_{3348}\ \Phi_{1116}\ \Phi_{372}\ \Phi_{124}\ \Phi_{108}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
125910	1687	2256	$\frac{5}{564}$	$\frac{1}{6}$	$\frac{569}{2256}$	$\frac{559}{1128}$	$\Phi_{2256}\ \Phi_{752}\ \Phi_{564}\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{94}\ \Phi_{48}\ \Phi_{47}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
125911	1687	3312	$\frac{31}{1656}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1625}{3312}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
125912	1687	1848	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{221}{462}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{84}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{28}\ \Phi_{24}\ \Phi_{22}\ \Phi_{21}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_3\ \Phi_1$
125913	1687	264	$\frac{1}{22}$	$\frac{23}{264}$	$\frac{1}{8}$	$\frac{21}{44}$	$\Phi_{264}^7\ \Phi_{132}^7\ \Phi_{88}^5\ \Phi_{66}^7\ \Phi_{44}^6\ \Phi_{33}^7\ \Phi_{24}^7\ \Phi_{22}^5\ \Phi_{12}^7\ \Phi_{11}^5\ \Phi_8^4\ \Phi_6^7\ \Phi_4^5\ \Phi_3^7\ \Phi_2^4\ \Phi_1^5$
125914	1687	440	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{1}{8}$	$\frac{199}{440}$	$\Phi_{440}^3\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{88}^5\ \Phi_{55}^4\ \Phi_{44}^6\ \Phi_{40}^3\ \Phi_{22}^5\ \Phi_{20}^4\ \Phi_{11}^5\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
125915	1687	1728	$\frac{41}{1728}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
125916	1687	972	$\frac{2}{243}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{972}^3\ \Phi_{324}^3\ \Phi_{243}\ \Phi_{108}^3\ \Phi_{81}\ \Phi_{36}^3\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
125917	1687	360	$\frac{1}{120}$	$\frac{1}{6}$	$\frac{119}{360}$	$\frac{5}{12}$	$\Phi_{360}^7\ \Phi_{180}^7\ \Phi_{90}^7\ \Phi_{72}^7\ \Phi_{45}^7\ \Phi_{36}^7\ \Phi_{18}^7\ \Phi_{12}\ \Phi_9^7\ \Phi_4\ \Phi_1$
125918	1687	1704	$\frac{17}{1704}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{568}\ \Phi_{426}\ \Phi_{284}\ \Phi_{213}\ \Phi_{142}\ \Phi_{71}\ \Phi_{12}\ \Phi_4\ \Phi_1$
125919	1687	732	$\frac{3}{244}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{732}^2\ \Phi_{366}^2\ \Phi_{244}^3\ \Phi_{183}^2\ \Phi_{122}^3\ \Phi_{61}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
125920	1687	960	$\frac{1}{80}$	$\frac{1}{6}$	$\frac{79}{320}$	$\frac{5}{12}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^3\ \Phi_{192}^2\ \Phi_{160}^3\ \Phi_{96}^2\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
125921	1687	2940	$\frac{4}{245}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{84}\ \Phi_{49}\ \Phi_{35}\ \Phi_{28}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
125922	1687	300	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{59}{300}$	$\frac{5}{12}$	$\Phi_{300}^7\ \Phi_{150}^7\ \Phi_{100}^7\ \Phi_{75}^7\ \Phi_{50}^7\ \Phi_{25}^7\ \Phi_{12}\ \Phi_4\ \Phi_1$
125923	1687	492	$\frac{5}{246}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{492}^6\ \Phi_{246}\ \Phi_{164}^6\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_{12}\ \Phi_4\ \Phi_1$
125924	1687	288	$\frac{1}{48}$	$\frac{47}{288}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}^7\ \Phi_{72}^7\ \Phi_{36}^7\ \Phi_{32}^7\ \Phi_{18}^7\ \Phi_{12}\ \Phi_9^7\ \Phi_4\ \Phi_1$
125925	1687	1728	$\frac{41}{1728}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
125926	1687	840	$\frac{1}{40}$	$\frac{39}{280}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^3\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^3\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}\ \Phi_7^3\ \Phi_4\ \Phi_1$
125927	1687	744	$\frac{7}{248}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{744}^2\ \Phi_{372}^2\ \Phi_{248}^3\ \Phi_{186}^2\ \Phi_{124}^3\ \Phi_{93}^2\ \Phi_{62}^3\ \Phi_{31}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
125928	1687	1920	$\frac{7}{240}$	$\frac{233}{1920}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$
125929	1687	1740	$\frac{53}{1740}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{290}\ \Phi_{174}\ \Phi_{145}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}\ \Phi_{29}\ \Phi_{12}\ \Phi_4\ \Phi_1$
125930	1687	540	$\frac{1}{30}$	$\frac{29}{270}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{540}^6\ \Phi_{270}\ \Phi_{180}^6\ \Phi_{135}\ \Phi_{108}^6\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}^6\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
125931	1687	1500	$\frac{9}{250}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1500}^2\ \Phi_{500}^2\ \Phi_{300}^2\ \Phi_{250}\ \Phi_{125}\ \Phi_{100}^2\ \Phi_{50}\ \Phi_{25}\ \Phi_{12}\ \Phi_4\ \Phi_1$
125932	1687	264	$\frac{1}{24}$	$\frac{23}{264}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{264}^7\ \Phi_{132}^7\ \Phi_{88}^7\ \Phi_{66}^7\ \Phi_{44}^7\ \Phi_{33}^7\ \Phi_{22}^7\ \Phi_{12}\ \Phi_{11}^7\ \Phi_4\ \Phi_1$
125933	1687	252	$\frac{11}{252}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{252}^7\ \Phi_{126}^7\ \Phi_{84}^7\ \Phi_{63}^7\ \Phi_{42}^7\ \Phi_{36}^7\ \Phi_{28}^7\ \Phi_{21}^7\ \Phi_{18}^7\ \Phi_{14}^7\ \Phi_{12}\ \Phi_9^7\ \Phi_7^7\ \Phi_4\ \Phi_1$
125934	1687	780	$\frac{1}{20}$	$\frac{19}{260}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^3\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}^3\ \Phi_{78}^2\ \Phi_{65}^3\ \Phi_{52}^3\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
125935	1687	1020	$\frac{14}{255}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1020}^3\ \Phi_{340}^3\ \Phi_{255}\ \Phi_{204}^3\ \Phi_{85}\ \Phi_{68}^3\ \Phi_{51}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
125936	1687	1800	$\frac{7}{120}$	$\frac{113}{1800}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
125937	1687	768	$\frac{15}{256}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}^3\ \Phi_{192}^2\ \Phi_{128}^3\ \Phi_{96}^2\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
125938	1687	2820	$\frac{5}{282}$	$\frac{1}{6}$	$\frac{277}{1410}$	$\frac{1133}{2820}$	$\Phi_{2820}\ \Phi_{940}\ \Phi_{564}\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{94}\ \Phi_{60}\ \Phi_{47}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
125939	1687	243	$\frac{2}{243}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{243}^7\ \Phi_{81}^7\ \Phi_{27}^7\ \Phi_9^5\ \Phi_3^6\ \Phi_1^7$
125940	1687	360	$\frac{1}{120}$	$\frac{2}{9}$	$\frac{119}{360}$	$\frac{1}{3}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^6\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}^6\ \Phi_{45}^4\ \Phi_{40}^6\ \Phi_{36}^4\ \Phi_{30}^6\ \Phi_{24}^6\ \Phi_{20}^6\ \Phi_{18}^4\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_9^5\ \Phi_8^6\ \Phi_6^6\ \Phi_5^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
125941	1687	2196	$\frac{3}{244}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2196}\ \Phi_{1098}\ \Phi_{549}\ \Phi_{244}\ \Phi_{122}\ \Phi_{61}\ \Phi_9\ \Phi_1$
125942	1687	2880	$\frac{1}{80}$	$\frac{2}{9}$	$\frac{79}{320}$	$\frac{1}{3}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{576}\ \Phi_{320}\ \Phi_{288}\ \Phi_{160}\ \Phi_{64}\ \Phi_{32}\ \Phi_9\ \Phi_1$
125943	1687	2205	$\frac{4}{245}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2205}\ \Phi_{441}\ \Phi_{315}\ \Phi_{245}\ \Phi_{63}\ \Phi_{49}\ \Phi_{35}\ \Phi_9\ \Phi_7\ \Phi_1$
125944	1687	900	$\frac{1}{60}$	$\frac{59}{300}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{900}^3\ \Phi_{450}^3\ \Phi_{300}\ \Phi_{225}^3\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_9\ \Phi_1$
125945	1687	738	$\frac{5}{246}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{738}^3\ \Phi_{369}^3\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_9\ \Phi_1$
125946	1687	288	$\frac{1}{48}$	$\frac{47}{288}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{288}^7\ \Phi_{144}^4\ \Phi_{96}^7\ \Phi_{72}^4\ \Phi_{48}^6\ \Phi_{36}^4\ \Phi_{32}^7\ \Phi_{24}^6\ \Phi_{18}^4\ \Phi_{16}^6\ \Phi_{12}^6\ \Phi_9^5\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
125947	1687	2520	$\frac{1}{40}$	$\frac{39}{280}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{315}\ \Phi_{280}\ \Phi_{252}\ \Phi_{140}\ \Phi_{126}\ \Phi_{70}\ \Phi_{63}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
125948	1687	2232	$\frac{7}{248}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{558}\ \Phi_{279}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{31}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
125949	1687	270	$\frac{1}{30}$	$\frac{29}{270}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{270}^{7}\ \Phi_{135}^{7}\ \Phi_{90}^{4}\ \Phi_{54}^{7}\ \Phi_{45}^{4}\ \Phi_{30}^{6}\ \Phi_{27}^{7}\ \Phi_{18}^{4}\ \Phi_{15}^{6}\ \Phi_{10}^{6}\ \Phi_{9}^{5}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
125950	1687	2250	$\frac{9}{250}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{450}\ \Phi_{250}\ \Phi_{225}\ \Phi_{125}\ \Phi_{50}\ \Phi_{25}\ \Phi_{9}\ \Phi_{1}$
125951	1687	792	$\frac{1}{24}$	$\frac{23}{264}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{792}^{3}\ \Phi_{396}^{3}\ \Phi_{264}\ \Phi_{198}^{3}\ \Phi_{132}\ \Phi_{99}^{3}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
125952	1687	252	$\frac{11}{252}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{252}^{7}\ \Phi_{126}^{7}\ \Phi_{84}^{7}\ \Phi_{63}^{7}\ \Phi_{42}^{7}\ \Phi_{36}^{4}\ \Phi_{28}^{7}\ \Phi_{21}^{7}\ \Phi_{18}^{4}\ \Phi_{14}^{7}\ \Phi_{12}^{6}\ \Phi_{9}^{5}\ \Phi_{7}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
125953	1687	2340	$\frac{1}{20}$	$\frac{19}{260}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{260}\ \Phi_{234}\ \Phi_{130}\ \Phi_{117}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
125954	1687	765	$\frac{14}{255}$	$\frac{1}{15}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{765}^{3}\ \Phi_{255}\ \Phi_{153}^{3}\ \Phi_{85}\ \Phi_{51}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
125955	1687	2304	$\frac{15}{256}$	$\frac{1}{16}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{9}\ \Phi_{1}$
125956	1687	2484	$\frac{31}{828}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{797}{2484}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{621}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
125957	1687	264	$\frac{23}{264}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{10}{33}$	$\Phi_{264}^{6}\ \Phi_{132}^{6}\ \Phi_{88}^{7}\ \Phi_{66}^{6}\ \Phi_{44}^{7}\ \Phi_{33}^{7}\ \Phi_{24}^{6}\ \Phi_{22}^{7}\ \Phi_{12}^{6}\ \Phi_{11}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
125958	1687	2232	$\frac{13}{558}$	$\frac{1}{6}$	$\frac{545}{2232}$	$\frac{5}{18}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{744}\ \Phi_{372}\ \Phi_{248}\ \Phi_{124}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
125959	1687	1728	$\frac{41}{1728}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
125960	1687	1320	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{21}{110}$	$\frac{89}{330}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{330}\ \Phi_{264}^{2}\ \Phi_{165}\ \Phi_{132}^{2}\ \Phi_{120}^{2}\ \Phi_{88}^{2}\ \Phi_{66}\ \Phi_{60}^{2}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{22}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
125961	1687	616	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{10}{77}$	$\frac{67}{308}$	$\Phi_{616}^{3}\ \Phi_{308}^{2}\ \Phi_{154}^{2}\ \Phi_{88}^{4}\ \Phi_{77}^{3}\ \Phi_{56}^{3}\ \Phi_{44}^{3}\ \Phi_{28}^{2}\ \Phi_{22}^{3}\ \Phi_{14}^{2}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
125962	1688	1263	$\frac{1}{421}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{210}{421}$	$\Phi_{1263}\ \Phi_{421}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
125963	1688	1687	$\frac{5}{1687}$	$\frac{423}{1687}$	$\frac{632}{1687}$	$\frac{841}{1687}$	$\Phi_{1687}\ \Phi_{241}\ \Phi_{7}\ \Phi_{1}^{2}$
125964	1688	2535	$\frac{3}{845}$	$\frac{212}{845}$	$\frac{1}{3}$	$\frac{421}{845}$	$\Phi_{2535}\ \Phi_{507}\ \Phi_{195}\ \Phi_{39}\ \Phi_{15}$
125965	1688	723	$\frac{1}{241}$	$\frac{121}{723}$	$\frac{301}{723}$	$\frac{120}{241}$	$\Phi_{723}^{2}\ \Phi_{241}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
125966	1688	420	$\frac{1}{210}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{209}{420}$	$\Phi_{420}^{8}\ \Phi_{140}^{8}\ \Phi_{84}^{8}\ \Phi_{60}^{8}\ \Phi_{28}^{8}\ \Phi_{20}^{8}\ \Phi_{12}^{8}\ \Phi_{7}\ \Phi_{4}^{8}\ \Phi_{1}^{2}$
125967	1688	420	$\frac{1}{210}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{209}{420}$	$\Phi_{420}^{8}\ \Phi_{140}^{8}\ \Phi_{84}^{8}\ \Phi_{60}^{8}\ \Phi_{28}^{8}\ \Phi_{20}^{8}\ \Phi_{15}\ \Phi_{12}^{8}\ \Phi_{4}^{8}$
125968	1688	507	$\frac{1}{169}$	$\frac{85}{507}$	$\frac{1}{3}$	$\frac{84}{169}$	$\Phi_{507}^{3}\ \Phi_{169}^{4}\ \Phi_{39}^{3}\ \Phi_{13}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
125969	1688	1410	$\frac{1}{141}$	$\frac{1}{5}$	$\frac{71}{282}$	$\frac{70}{141}$	$\Phi_{1410}^{2}\ \Phi_{705}\ \Phi_{470}^{2}\ \Phi_{235}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{10}^{2}$
125970	1688	1248	$\frac{3}{208}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{205}{416}$	$\Phi_{1248}^{4}\ \Phi_{96}^{4}\ \Phi_{39}$
125971	1688	3744	$\frac{3}{208}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{205}{416}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{288}\ \Phi_{96}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
125972	1688	1365	$\frac{1}{65}$	$\frac{33}{455}$	$\frac{1}{3}$	$\frac{32}{65}$	$\Phi_{1365}^{2}\ \Phi_{273}^{2}\ \Phi_{195}\ \Phi_{105}^{2}\ \Phi_{39}\ \Phi_{21}^{2}\ \Phi_{15}$
125973	1688	2070	$\frac{4}{207}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{203}{414}$	$\Phi_{2070}^{2}\ \Phi_{690}^{2}\ \Phi_{230}^{2}\ \Phi_{90}^{2}\ \Phi_{45}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{10}^{2}$
125974	1688	235	$\frac{1}{47}$	$\frac{24}{235}$	$\frac{1}{5}$	$\frac{23}{47}$	$\Phi_{235}^{7}\ \Phi_{47}^{8}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
125975	1688	241	$\frac{7}{241}$	$\frac{30}{241}$	$\frac{31}{241}$	$\frac{117}{241}$	$\Phi_{241}^{7}\ \Phi_{1}^{8}$
125976	1688	231	$\frac{3}{77}$	$\frac{20}{231}$	$\frac{1}{7}$	$\frac{37}{77}$	$\Phi_{231}^{8}\ \Phi_{77}^{6}\ \Phi_{33}^{8}\ \Phi_{21}^{8}\ \Phi_{11}^{6}\ \Phi_{7}^{5}\ \Phi_{3}^{8}\ \Phi_{1}^{6}$
125977	1688	1617	$\frac{71}{1617}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{773}{1617}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{231}\ \Phi_{147}\ \Phi_{77}^{2}\ \Phi_{49}\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
125978	1688	429	$\frac{7}{429}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{429}^{4}\ \Phi_{143}^{4}\ \Phi_{39}^{3}\ \Phi_{33}^{4}\ \Phi_{13}^{4}\ \Phi_{11}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
125979	1688	390	$\frac{1}{65}$	$\frac{16}{195}$	$\frac{1}{3}$	$\frac{179}{390}$	$\Phi_{390}^{8}\ \Phi_{195}\ \Phi_{130}^{8}\ \Phi_{78}^{8}\ \Phi_{39}\ \Phi_{30}^{8}\ \Phi_{26}^{8}\ \Phi_{15}\ \Phi_{10}^{8}\ \Phi_{6}^{8}\ \Phi_{2}^{8}$
125980	1688	385	$\frac{3}{77}$	$\frac{37}{385}$	$\frac{1}{7}$	$\frac{174}{385}$	$\Phi_{385}^{4}\ \Phi_{77}^{6}\ \Phi_{55}^{4}\ \Phi_{35}^{4}\ \Phi_{11}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{4}\ \Phi_{1}^{6}$
125981	1688	1080	$\frac{5}{216}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{270}^{2}\ \Phi_{180}^{2}\ \Phi_{135}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{10}^{2}$
125982	1688	1880	$\frac{1}{47}$	$\frac{23}{188}$	$\frac{1}{5}$	$\frac{165}{376}$	$\Phi_{1880}^{2}\ \Phi_{235}\ \Phi_{40}^{2}$
125983	1688	1491	$\frac{2}{213}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1491}\ \Phi_{497}\ \Phi_{213}^{2}\ \Phi_{71}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
125984	1688	315	$\frac{1}{105}$	$\frac{1}{7}$	$\frac{104}{315}$	$\frac{3}{7}$	$\Phi_{315}^{8}\ \Phi_{63}^{8}\ \Phi_{45}^{8}\ \Phi_{9}^{8}\ \Phi_{7}\ \Phi_{1}^{2}$
125985	1688	427	$\frac{5}{427}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{427}^{4}\ \Phi_{61}^{4}\ \Phi_{7}\ \Phi_{1}^{2}$
125986	1688	280	$\frac{1}{70}$	$\frac{1}{7}$	$\frac{69}{280}$	$\frac{3}{7}$	$\Phi_{280}^{8}\ \Phi_{140}^{8}\ \Phi_{56}^{8}\ \Phi_{40}^{8}\ \Phi_{28}^{8}\ \Phi_{20}^{8}\ \Phi_{8}^{8}\ \Phi_{7}\ \Phi_{4}^{8}\ \Phi_{1}^{2}$
125987	1688	1505	$\frac{4}{215}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1505}\ \Phi_{301}\ \Phi_{215}^{2}\ \Phi_{43}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
125988	1688	525	$\frac{2}{105}$	$\frac{1}{7}$	$\frac{103}{525}$	$\frac{3}{7}$	$\Phi_{525}^{4}\ \Phi_{175}^{4}\ \Phi_{75}^{4}\ \Phi_{25}^{4}\ \Phi_{7}\ \Phi_{1}^{2}$
125989	1688	861	$\frac{17}{861}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{861}^{2}\ \Phi_{287}^{2}\ \Phi_{123}^{2}\ \Phi_{41}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
125990	1688	1512	$\frac{5}{216}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}\ \Phi_{378}\ \Phi_{252}\ \Phi_{216}^{2}\ \Phi_{189}\ \Phi_{168}\ \Phi_{126}\ \Phi_{108}^{2}\ \Phi_{84}\ \Phi_{72}^{2}\ \Phi_{63}\ \Phi_{56}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{28}\ \Phi_{27}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
125991	1688	252	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{41}{252}$	$\frac{3}{7}$	$\Phi_{252}^{8}\ \Phi_{126}^{8}\ \Phi_{84}^{8}\ \Phi_{63}^{8}\ \Phi_{36}^{8}\ \Phi_{28}^{8}\ \Phi_{18}^{8}\ \Phi_{12}^{8}\ \Phi_{9}^{8}\ \Phi_{7}\ \Phi_{4}^{8}\ \Phi_{1}^{2}$
125992	1688	217	$\frac{6}{217}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{217}^{8}\ \Phi_{31}^{8}\ \Phi_{7}\ \Phi_{1}^{2}$
125993	1688	245	$\frac{1}{35}$	$\frac{34}{245}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{245}^{8}\ \Phi_{49}^{8}\ \Phi_{7}\ \Phi_{1}^{2}$
125994	1688	1680	$\frac{1}{30}$	$\frac{29}{240}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}^{2}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}^{2}\ \Phi_{112}\ \Phi_{84}\ \Phi_{80}^{2}\ \Phi_{60}^{2}\ \Phi_{56}\ \Phi_{48}^{2}\ \Phi_{40}^{2}\ \Phi_{28}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
125995	1688	875	$\frac{31}{875}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{875}^{2}\ \Phi_{175}^{2}\ \Phi_{125}^{2}\ \Phi_{25}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
125996	1688	945	$\frac{4}{105}$	$\frac{101}{945}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{135}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
125997	1688	1540	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}^{2}\ \Phi_{154}\ \Phi_{140}\ \Phi_{110}^{2}\ \Phi_{77}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{28}\ \Phi_{22}^{2}\ \Phi_{20}^{2}\ \Phi_{11}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
125998	1688	441	$\frac{19}{441}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{441}^{4}\ \Phi_{147}^{4}\ \Phi_{63}^{4}\ \Phi_{49}^{4}\ \Phi_{9}^{4}\ \Phi_{7}\ \Phi_{1}^{2}$
125999	1688	231	$\frac{1}{21}$	$\frac{20}{231}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{231}^{8}\ \Phi_{77}^{8}\ \Phi_{33}^{8}\ \Phi_{11}^{8}\ \Phi_{7}\ \Phi_{1}^{2}$
126000	1688	455	$\frac{2}{35}$	$\frac{33}{455}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{455}^{4}\ \Phi_{91}^{4}\ \Phi_{65}^{4}\ \Phi_{13}^{4}\ \Phi_{7}\ \Phi_{1}^{2}$
126001	1688	224	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{224}^{8}\ \Phi_{112}^{8}\ \Phi_{56}^{8}\ \Phi_{32}^{8}\ \Phi_{28}^{8}\ \Phi_{16}^{8}\ \Phi_{8}^{8}\ \Phi_{7}\ \Phi_{4}^{8}\ \Phi_{1}^{2}$
126002	1688	1575	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}^{2}\ \Phi_{175}\ \Phi_{75}^{2}\ \Phi_{63}\ \Phi_{45}^{2}\ \Phi_{25}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
126003	1688	1275	$\frac{3}{425}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1275}^{2}\ \Phi_{255}^{2}\ \Phi_{75}^{2}\ \Phi_{51}^{2}\ \Phi_{15}$
126004	1688	1014	$\frac{1}{169}$	$\frac{42}{169}$	$\frac{1}{3}$	$\frac{127}{338}$	$\Phi_{1014}^{4}\ \Phi_{507}\ \Phi_{78}^{4}\ \Phi_{39}\ \Phi_{6}^{4}$
126005	1688	216	$\frac{5}{216}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^{8}\ \Phi_{108}^{8}\ \Phi_{72}^{7}\ \Phi_{54}^{8}\ \Phi_{36}^{8}\ \Phi_{27}^{8}\ \Phi_{24}^{7}\ \Phi_{18}^{8}\ \Phi_{12}^{8}\ \Phi_{9}^{7}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
126006	1688	954	$\frac{1}{53}$	$\frac{1}{9}$	$\frac{52}{159}$	$\frac{107}{318}$	$\Phi_{954}^{3}\ \Phi_{477}\ \Phi_{318}^{2}\ \Phi_{159}\ \Phi_{106}^{2}\ \Phi_{18}^{3}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
126007	1688	636	$\frac{1}{212}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{636}^{3}\ \Phi_{318}^{3}\ \Phi_{212}^{2}\ \Phi_{159}^{3}\ \Phi_{106}^{2}\ \Phi_{53}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
126008	1688	1065	$\frac{2}{213}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1065}^{2}\ \Phi_{355}^{2}\ \Phi_{15}$
126009	1688	315	$\frac{1}{105}$	$\frac{1}{5}$	$\frac{104}{315}$	$\frac{1}{3}$	$\Phi_{315}^{8}\ \Phi_{63}^{8}\ \Phi_{45}^{8}\ \Phi_{15}\ \Phi_{9}^{8}$
126010	1688	975	$\frac{1}{65}$	$\frac{131}{975}$	$\frac{64}{195}$	$\frac{1}{3}$	$\Phi_{975}^{2}\ \Phi_{325}^{2}\ \Phi_{195}\ \Phi_{75}^{2}\ \Phi_{39}\ \Phi_{25}^{2}\ \Phi_{15}$
126011	1688	312	$\frac{3}{104}$	$\frac{1}{13}$	$\frac{101}{312}$	$\frac{1}{3}$	$\Phi_{312}^{4}\ \Phi_{156}^{4}\ \Phi_{104}^{8}\ \Phi_{78}^{4}\ \Phi_{52}^{8}\ \Phi_{39}^{5}\ \Phi_{26}^{8}\ \Phi_{24}^{4}\ \Phi_{13}^{8}\ \Phi_{12}^{4}\ \Phi_{8}^{8}\ \Phi_{6}^{4}\ \Phi_{4}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
126012	1688	585	$\frac{1}{65}$	$\frac{32}{195}$	$\frac{163}{585}$	$\frac{1}{3}$	$\Phi_{585}^{4}\ \Phi_{195}\ \Phi_{117}^{4}\ \Phi_{45}^{4}\ \Phi_{39}\ \Phi_{15}\ \Phi_{9}^{4}$
126013	1688	855	$\frac{11}{855}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{855}^{2}\ \Phi_{285}^{2}\ \Phi_{171}^{2}\ \Phi_{95}^{2}\ \Phi_{57}^{2}\ \Phi_{45}^{2}\ \Phi_{19}^{2}\ \Phi_{15}\ \Phi_{9}^{2}$
126014	1688	840	$\frac{1}{70}$	$\frac{1}{5}$	$\frac{69}{280}$	$\frac{1}{3}$	$\Phi_{840}^{4}\ \Phi_{420}^{4}\ \Phi_{168}^{4}\ \Phi_{120}^{4}\ \Phi_{84}^{4}\ \Phi_{60}^{4}\ \Phi_{24}^{4}\ \Phi_{15}\ \Phi_{12}^{4}$
126015	1688	780	$\frac{1}{65}$	$\frac{49}{260}$	$\frac{16}{65}$	$\frac{1}{3}$	$\Phi_{780}^{4}\ \Phi_{390}^{4}\ \Phi_{195}\ \Phi_{156}^{4}\ \Phi_{78}^{4}\ \Phi_{60}^{4}\ \Phi_{39}\ \Phi_{30}^{4}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{6}^{4}$
126016	1688	663	$\frac{10}{221}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{663}^{4}\ \Phi_{51}^{4}\ \Phi_{39}$
126017	1688	645	$\frac{4}{215}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{645}^{4}\ \Phi_{129}^{4}\ \Phi_{15}$
126018	1688	525	$\frac{2}{105}$	$\frac{103}{525}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{525}^{4}\ \Phi_{175}^{4}\ \Phi_{75}^{4}\ \Phi_{25}^{4}\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
126019	1688	1080	$\frac{5}{216}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{15}$
126020	1688	1260	$\frac{1}{42}$	$\frac{41}{252}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{315}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{20}^2\ \Phi_{15}$
126021	1688	3255	$\frac{6}{217}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3255}\ \Phi_{465}\ \Phi_{15}$
126022	1688	735	$\frac{1}{35}$	$\frac{34}{245}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{735}^4\ \Phi_{147}^4\ \Phi_{15}$
126023	1688	435	$\frac{13}{435}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{435}^4\ \Phi_{145}^4\ \Phi_{87}^4\ \Phi_{29}^4\ \Phi_{15}$
126024	1688	240	$\frac{1}{30}$	$\frac{29}{240}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{80}^8\ \Phi_{60}^8\ \Phi_{48}^8\ \Phi_{40}^8\ \Phi_{24}^8\ \Phi_{20}^8\ \Phi_{16}^8\ \Phi_{15}\ \Phi_{12}^8\ \Phi_{8}^8\ \Phi_{4}^8$
126025	1688	2625	$\frac{31}{875}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2625}\ \Phi_{525}\ \Phi_{375}\ \Phi_{75}\ \Phi_{15}$
126026	1688	945	$\frac{4}{105}$	$\frac{101}{945}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}\ \Phi_{9}^2$
126027	1688	660	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{165}^4\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{60}^4\ \Phi_{33}^4\ \Phi_{15}\ \Phi_{12}^4$
126028	1688	2205	$\frac{19}{441}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{315}\ \Phi_{245}\ \Phi_{45}\ \Phi_{15}$
126029	1688	1155	$\frac{1}{21}$	$\frac{20}{231}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1155}^2\ \Phi_{385}^2\ \Phi_{165}^2\ \Phi_{55}^2\ \Phi_{15}$
126030	1688	1365	$\frac{2}{35}$	$\frac{33}{455}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1365}^2\ \Phi_{273}^2\ \Phi_{195}^2\ \Phi_{39}^2\ \Phi_{15}$
126031	1688	3360	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{480}\ \Phi_{420}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{15}$
126032	1688	225	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{225}^8\ \Phi_{75}^8\ \Phi_{45}^8\ \Phi_{25}^8\ \Phi_{15}\ \Phi_{9}^8$
126033	1688	780	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{49}{260}$	$\frac{1}{3}$	$\Phi_{780}^4\ \Phi_{390}^4\ \Phi_{195}^4\ \Phi_{60}^4\ \Phi_{39}\ \Phi_{30}^4\ \Phi_{15}^4$
126034	1688	234	$\frac{1}{13}$	$\frac{23}{234}$	$\frac{3}{26}$	$\frac{1}{3}$	$\Phi_{234}^8\ \Phi_{117}^8\ \Phi_{78}^4\ \Phi_{39}^5\ \Phi_{26}^8\ \Phi_{18}^8\ \Phi_{13}^8\ \Phi_{9}^8\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^8\ \Phi_{1}^8$
126035	1688	936	$\frac{3}{104}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{101}{312}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}\ \Phi_{234}^2\ \Phi_{156}\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{36}^3\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{18}^3\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
126036	1688	3105	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{199}{621}$	$\Phi_{3105}\ \Phi_{135}\ \Phi_{45}\ \Phi_{15}$
126037	1688	231	$\frac{6}{77}$	$\frac{20}{231}$	$\frac{1}{7}$	$\frac{71}{231}$	$\Phi_{231}^7\ \Phi_{77}^8\ \Phi_{33}^7\ \Phi_{21}^7\ \Phi_{11}^8\ \Phi_{7}^7\ \Phi_{3}^7\ \Phi_{1}^8$
126038	1688	1155	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{74}{385}$	$\frac{311}{1155}$	$\Phi_{1155}^2\ \Phi_{231}^2\ \Phi_{165}^2\ \Phi_{105}^2\ \Phi_{77}^2\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{7}\ \Phi_{3}^2\ \Phi_{1}^2$
126039	1688	241	$\frac{9}{241}$	$\frac{30}{241}$	$\frac{58}{241}$	$\frac{61}{241}$	$\Phi_{241}^7\ \Phi_{1}^8$
126040	1688	1410	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{23}{94}$	$\frac{71}{282}$	$\Phi_{1410}^2\ \Phi_{705}^2\ \Phi_{235}\ \Phi_{30}^2\ \Phi_{15}^2$
126041	1688	2340	$\frac{3}{52}$	$\frac{1}{9}$	$\frac{49}{260}$	$\frac{1}{4}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{390}\ \Phi_{195}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
126042	1688	2016	$\frac{13}{224}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
126043	1688	241	$\frac{21}{241}$	$\frac{30}{241}$	$\frac{31}{241}$	$\frac{55}{241}$	$\Phi_{241}^7\ \Phi_{1}^8$
126044	1688	539	$\frac{6}{77}$	$\frac{71}{539}$	$\frac{1}{7}$	$\frac{117}{539}$	$\Phi_{539}^3\ \Phi_{77}^4\ \Phi_{49}^3\ \Phi_{11}^4\ \Phi_{7}^3\ \Phi_{1}^4$
126045	1689	2244	$\frac{2}{561}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{559}{1122}$	$\Phi_{2244}\ \Phi_{748}\ \Phi_{561}\ \Phi_{204}\ \Phi_{187}\ \Phi_{132}\ \Phi_{68}\ \Phi_{51}\ \Phi_{44}\ \Phi_{33}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
126046	1689	752	$\frac{1}{188}$	$\frac{1}{4}$	$\frac{189}{752}$	$\frac{187}{376}$	$\Phi_{752}^3\ \Phi_{188}^3\ \Phi_{94}^3\ \Phi_{47}^3\ \Phi_{16}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
126047	1689	1120	$\frac{3}{560}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{557}{1120}$	$\Phi_{1120}^3\ \Phi_{224}^3\ \Phi_{160}^3\ \Phi_{32}^3\ \Phi_{16}\ \Phi_{1}$
126048	1689	1120	$\frac{3}{560}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{557}{1120}$	$\Phi_{1120}^3\ \Phi_{224}^3\ \Phi_{160}^3\ \Phi_{32}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
126049	1689	1116	$\frac{5}{558}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{553}{1116}$	$\Phi_{1116}\ \Phi_{558}^2\ \Phi_{372}\ \Phi_{279}^2\ \Phi_{186}^2\ \Phi_{124}\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{36}\ \Phi_{31}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{9}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
126050	1689	3328	$\frac{25}{1664}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1639}{3328}$	$\Phi_{3328}\ \Phi_{256}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
126051	1689	1880	$\frac{3}{188}$	$\frac{191}{1880}$	$\frac{1}{4}$	$\frac{185}{376}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{470}\ \Phi_{235}\ \Phi_{188}\ \Phi_{94}\ \Phi_{47}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
126052	1689	1104	$\frac{11}{552}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{541}{1104}$	$\Phi_{1104}^3\ \Phi_{368}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
126053	1689	576	$\frac{13}{576}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{9}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
126054	1689	2068	$\frac{1}{47}$	$\frac{46}{517}$	$\frac{1}{4}$	$\frac{471}{1034}$	$\Phi_{2068}\ \Phi_{517}\ \Phi_{188}^2\ \Phi_{94}\ \Phi_{47}\ \Phi_{44}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
126055	1689	3008	$\frac{3}{188}$	$\frac{185}{1504}$	$\frac{1}{4}$	$\frac{1319}{3008}$	$\Phi_{3008}\ \Phi_{188}\ \Phi_{94}\ \Phi_{64}\ \Phi_{47}\ \Phi_1$
126056	1689	2240	$\frac{9}{560}$	$\frac{1}{8}$	$\frac{551}{2240}$	$\frac{7}{16}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
126057	1689	576	$\frac{13}{576}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
126058	1689	672	$\frac{3}{112}$	$\frac{1}{8}$	$\frac{109}{672}$	$\frac{7}{16}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
126059	1689	640	$\frac{3}{80}$	$\frac{77}{640}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}\ \Phi_1$
126060	1689	1760	$\frac{71}{1760}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
126061	1689	1792	$\frac{103}{1792}$	$\frac{9}{112}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
126062	1689	940	$\frac{1}{94}$	$\frac{93}{470}$	$\frac{1}{4}$	$\frac{377}{940}$	$\Phi_{940}\ \Phi_{470}^2\ \Phi_{235}^2\ \Phi_{188}^3\ \Phi_{94}^3\ \Phi_{47}^3\ \Phi_{20}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
126063	1689	576	$\frac{13}{576}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{64}^2\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
126064	1689	568	$\frac{5}{568}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{568}^3\ \Phi_{284}^3\ \Phi_{142}^3\ \Phi_{71}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
126065	1689	633	$\frac{4}{211}$	$\frac{70}{633}$	$\frac{69}{211}$	$\frac{71}{211}$	$\Phi_{633}^3\ \Phi_{211}^2\ \Phi_3^3\ \Phi_1^3$
126066	1689	848	$\frac{7}{424}$	$\frac{1}{8}$	$\frac{139}{424}$	$\frac{285}{848}$	$\Phi_{848}^3\ \Phi_{424}\ \Phi_{212}\ \Phi_{106}\ \Phi_{53}\ \Phi_{16}^3\ \Phi_1$
126067	1689	1692	$\frac{1}{141}$	$\frac{1}{4}$	$\frac{140}{423}$	$\frac{283}{846}$	$\Phi_{1692}\ \Phi_{564}^2\ \Phi_{423}\ \Phi_{282}\ \Phi_{188}^2\ \Phi_{141}\ \Phi_{94}\ \Phi_{47}\ \Phi_{36}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
126068	1689	844	$\frac{1}{211}$	$\frac{70}{211}$	$\frac{281}{844}$	$\frac{141}{422}$	$\Phi_{844}^3\ \Phi_{211}^2\ \Phi_4^3\ \Phi_1^3$
126069	1689	612	$\frac{2}{51}$	$\frac{49}{612}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{204}^2\ \Phi_{153}^3\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^3\ \Phi_{36}^3\ \Phi_{34}^2\ \Phi_{18}^3\ \Phi_{17}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
126070	1689	1188	$\frac{31}{594}$	$\frac{2}{33}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1188}^2\ \Phi_{594}\ \Phi_{396}^2\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}^2\ \Phi_{99}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
126071	1689	840	$\frac{3}{280}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{277}{840}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
126072	1689	832	$\frac{25}{832}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{269}{832}$	$\Phi_{832}^2\ \Phi_{416}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{64}^2\ \Phi_{52}^2\ \Phi_{32}^3\ \Phi_{26}^2\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
126073	1689	828	$\frac{11}{276}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{265}{828}$	$\Phi_{828}^3\ \Phi_{414}^3\ \Phi_{207}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
126074	1689	576	$\frac{13}{576}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{36}\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
126075	1689	752	$\frac{3}{188}$	$\frac{185}{752}$	$\frac{1}{4}$	$\frac{189}{752}$	$\Phi_{752}^2\ \Phi_{376}^2\ \Phi_{188}^3\ \Phi_{94}^3\ \Phi_{47}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
126076	1689	700	$\frac{3}{140}$	$\frac{137}{700}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{700}^3\ \Phi_{350}^3\ \Phi_{175}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
126077	1689	576	$\frac{13}{576}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
126078	1689	672	$\frac{3}{112}$	$\frac{109}{672}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
126079	1689	580	$\frac{17}{580}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{580}^3\ \Phi_{290}^3\ \Phi_{145}^3\ \Phi_{116}^3\ \Phi_{58}^3\ \Phi_{29}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
126080	1689	640	$\frac{3}{80}$	$\frac{77}{640}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
126081	1689	588	$\frac{25}{588}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{196}^3\ \Phi_{147}^3\ \Phi_{98}^3\ \Phi_{84}^3\ \Phi_{49}^3\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
126082	1689	616	$\frac{3}{56}$	$\frac{53}{616}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{616}^3\ \Phi_{308}^3\ \Phi_{154}^3\ \Phi_{88}^3\ \Phi_{77}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
126083	1689	600	$\frac{37}{600}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^3\ \Phi_{30}^3\ \Phi_{25}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
126084	1689	744	$\frac{5}{186}$	$\frac{1}{6}$	$\frac{181}{744}$	$\frac{1}{4}$	$\Phi_{744}^3\ \Phi_{372}\ \Phi_{248}^3\ \Phi_{186}^2\ \Phi_{124}\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
126085	1689	1792	$\frac{103}{1792}$	$\frac{1}{8}$	$\frac{25}{128}$	$\frac{7}{32}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
126086	1689	2080	$\frac{25}{416}$	$\frac{1}{8}$	$\frac{391}{2080}$	$\frac{7}{32}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{160}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
126087	1690	1686	$\frac{2}{843}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{841}{1686}$	$\Phi_{1686}^2\ \Phi_{562}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
126088	1690	2696	$\frac{1}{337}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{168}{337}$	$\Phi_{2696}\ \Phi_{337}\ \Phi_8^2\ \Phi_1^2$
126089	1690	1128	$\frac{1}{282}$	$\frac{283}{1128}$	$\frac{1}{3}$	$\frac{281}{564}$	$\Phi_{1128}^2\ \Phi_{376}^2\ \Phi_{282}^2\ \Phi_{141}^2\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
126090	1690	1683	$\frac{7}{1683}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{838}{1683}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}\ \Phi_{99}\ \Phi_{51}\ \Phi_{33}\ \Phi_{17}\ \Phi_{11}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
126091	1690	1008	$\frac{1}{168}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{167}{336}$	$\Phi_{1008}^3\ \Phi_{336}^4\ \Phi_{144}^3\ \Phi_{112}^4\ \Phi_{48}^4\ \Phi_{16}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
126092	1690	336	$\frac{1}{168}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{167}{336}$	$\Phi_{336}^{10}\ \Phi_{112}^{10}\ \Phi_{48}^{10}\ \Phi_{16}^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
126093	1690	1032	$\frac{1}{129}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{64}{129}$	$\Phi_{1032}^3\ \Phi_{344}^3\ \Phi_{129}\ \Phi_{43}\ \Phi_{24}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
126094	1690	645	$\frac{1}{129}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{64}{129}$	$\Phi_{645}^3\ \Phi_{215}^3\ \Phi_{129}\ \Phi_{43}\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
126095	1690	774	$\frac{1}{129}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{64}{129}$	$\Phi_{774}^3\ \Phi_{387}^3\ \Phi_{129}\ \Phi_{43}\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
126096	1690	2064	$\frac{1}{129}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{64}{129}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{688}\ \Phi_{344}\ \Phi_{129}\ \Phi_{48}\ \Phi_{43}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
126097	1690	678	$\frac{1}{113}$	$\frac{1}{6}$	$\frac{57}{226}$	$\frac{56}{113}$	$\Phi_{678}^3\ \Phi_{339}^3\ \Phi_{226}\ \Phi_{113}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
126098	1690	1674	$\frac{8}{837}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{829}{1674}$	$\Phi_{1674}^2\ \Phi_{558}^2\ \Phi_{186}^2\ \Phi_{62}^2\ \Phi_{54}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
126099	1690	564	$\frac{1}{94}$	$\frac{19}{188}$	$\frac{1}{3}$	$\frac{93}{188}$	$\Phi_{564}^4\ \Phi_{282}^5\ \Phi_{141}^5\ \Phi_{12}^4\ \Phi_6^5\ \Phi_3^4$
126100	1690	3200	$\frac{1}{64}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{63}{128}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{128}^2\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
126101	1690	2688	$\frac{1}{64}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{63}{128}$	$\Phi_{2688}^2\ \Phi_{384}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
126102	1690	1920	$\frac{1}{64}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{63}{128}$	$\Phi_{1920}^2\ \Phi_{640}\ \Phi_{384}^2\ \Phi_{128}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
126103	1690	1656	$\frac{17}{828}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{811}{1656}$	$\Phi_{1656}^2\ \Phi_{552}^2\ \Phi_{184}^2\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
126104	1690	330	$\frac{4}{165}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{161}{330}$	$\Phi_{330}^{10}\ \Phi_{110}^{10}\ \Phi_{66}^{10}\ \Phi_{55}\ \Phi_{30}^{10}\ \Phi_{22}^{10}\ \Phi_{10}^{10}\ \Phi_6^{10}\ \Phi_2^{10}$
126105	1690	2244	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{35}{204}$	$\frac{33}{68}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{561}\ \Phi_{374}\ \Phi_{187}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
126106	1690	378	$\frac{2}{63}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{378}^9\ \Phi_{126}^8\ \Phi_{54}^9\ \Phi_{42}^8\ \Phi_{27}^2\ \Phi_{18}^8\ \Phi_{14}^8\ \Phi_9^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
126107	1690	2400	$\frac{1}{32}$	$\frac{1}{25}$	$\frac{31}{96}$	$\frac{12}{25}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
126108	1690	1700	$\frac{1}{25}$	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{425}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{25}\ \Phi_{17}^2\ \Phi_5\ \Phi_1^2$
126109	1690	400	$\frac{1}{25}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{12}{25}$	$\Phi_{400}^4\ \Phi_{200}^4\ \Phi_{100}^4\ \Phi_{80}^4\ \Phi_{50}^4\ \Phi_{40}^4\ \Phi_{25}^5\ \Phi_{20}^4\ \Phi_{16}^8\ \Phi_{10}^4\ \Phi_8^8\ \Phi_5^5\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{10}$
126110	1690	1050	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{12}{25}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}\ \Phi_{210}^2\ \Phi_{175}\ \Phi_{150}\ \Phi_{105}^2\ \Phi_{75}\ \Phi_{70}\ \Phi_{42}^4\ \Phi_{35}\ \Phi_{30}\ \Phi_{25}\ \Phi_{21}^4\ \Phi_{15}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
126111	1690	1800	$\frac{1}{25}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{12}{25}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
126112	1690	2376	$\frac{1}{27}$	$\frac{1}{22}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{594}\ \Phi_{297}\ \Phi_{264}\ \Phi_{216}\ \Phi_{198}\ \Phi_{99}\ \Phi_{72}\ \Phi_{66}\ \Phi_{54}\ \Phi_{33}\ \Phi_{24}\ \Phi_{18}\ \Phi_6$
126113	1690	864	$\frac{19}{864}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
126114	1690	3520	$\frac{9}{160}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{151}{320}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
126115	1690	4794	$\frac{1}{47}$	$\frac{46}{799}$	$\frac{1}{3}$	$\frac{753}{1598}$	$\Phi_{4794}\ \Phi_{282}\ \Phi_{141}\ \Phi_{102}\ \Phi_6$
126116	1690	563	$\frac{23}{563}$	$\frac{35}{563}$	$\frac{108}{563}$	$\frac{264}{563}$	$\Phi_{563}^3\ \Phi_1^4$
126117	1690	1834	$\frac{9}{131}$	$\frac{1}{14}$	$\frac{14}{131}$	$\frac{61}{131}$	$\Phi_{1834}\ \Phi_{917}\ \Phi_{262}$
126118	1690	1689	$\frac{116}{1689}$	$\frac{121}{1689}$	$\frac{181}{1689}$	$\frac{784}{1689}$	$\Phi_{1689}\ \Phi_{563}\ \Phi_3\ \Phi_1^2$
126119	1690	678	$\frac{14}{339}$	$\frac{25}{339}$	$\frac{1}{6}$	$\frac{157}{339}$	$\Phi_{678}^3\ \Phi_{339}^2\ \Phi_{226}^3\ \Phi_{113}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
126120	1690	264	$\frac{1}{66}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{264}^{12}\ \Phi_{88}^{12}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{24}^{10}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
126121	1690	1032	$\frac{1}{43}$	$\frac{1}{12}$	$\frac{21}{86}$	$\frac{11}{24}$	$\Phi_{1032}^3\ \Phi_{344}^3\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{24}^4\ \Phi_8^4\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
126122	1690	1032	$\frac{4}{129}$	$\frac{1}{12}$	$\frac{25}{129}$	$\frac{11}{24}$	$\Phi_{1032}^3\ \Phi_{344}^3\ \Phi_{129}\ \Phi_{43}\ \Phi_{24}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
126123	1690	216	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{216}^{15}\ \Phi_{72}^{15}\ \Phi_{54}^3\ \Phi_{27}^2\ \Phi_{24}^{10}\ \Phi_{18}^3\ \Phi_9^2\ \Phi_8^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
126124	1690	1032	$\frac{3}{43}$	$\frac{1}{12}$	$\frac{4}{43}$	$\frac{11}{24}$	$\Phi_{1032}^3\ \Phi_{344}^3\ \Phi_{43}^3\ \Phi_{24}^4\ \Phi_8^4\ \Phi_1^4$
126125	1690	1848	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{24}$	$\Phi_{1848}^2\ \Phi_{616}^2\ \Phi_{264}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{22}$
126126	1690	1551	$\frac{2}{141}$	$\frac{139}{1551}$	$\frac{1}{3}$	$\frac{706}{1551}$	$\Phi_{1551}\ \Phi_{517}\ \Phi_{141}^2\ \Phi_{47}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
126127	1690	1980	$\frac{11}{180}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}$
126128	1690	3366	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{16}{153}$	$\frac{137}{306}$	$\Phi_{3366}\ \Phi_{1122}\ \Phi_{374}\ \Phi_{198}\ \Phi_{187}\ \Phi_{66}\ \Phi_{22}$
126129	1690	171	$\frac{2}{171}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{171}^{10}\ \Phi_{57}^{10}\ \Phi_{19}^{10}\ \Phi_9^8\ \Phi_3^7\ \Phi_1^8$
126130	1690	252	$\frac{1}{84}$	$\frac{1}{9}$	$\frac{83}{252}$	$\frac{4}{9}$	$\Phi_{252}^7\ \Phi_{126}^7\ \Phi_{84}^6\ \Phi_{63}^7\ \Phi_{42}^6\ \Phi_{36}^7\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{18}^7\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_9^8\ \Phi_7^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
126131	1690	198	$\frac{1}{66}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{198}^9\ \Phi_{99}^9\ \Phi_{66}^8\ \Phi_{33}^8\ \Phi_{22}^8\ \Phi_{18}^7\ \Phi_{11}^8\ \Phi_9^8\ \Phi_6^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
126132	1690	1548	$\frac{3}{172}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1548}\ \Phi_{774}\ \Phi_{516}\ \Phi_{387}\ \Phi_{258}\ \Phi_{172}^2\ \Phi_{129}\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
126133	1690	2016	$\frac{1}{56}$	$\frac{1}{9}$	$\frac{55}{224}$	$\frac{4}{9}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}^2\ \Phi_{144}\ \Phi_{112}^2\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
126134	1690	630	$\frac{1}{42}$	$\frac{1}{9}$	$\frac{41}{210}$	$\frac{4}{9}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^4\ \Phi_{105}^4\ \Phi_{90}^3\ \Phi_{70}^4\ \Phi_{45}^3\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
126135	1690	522	$\frac{5}{174}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{522}^3\ \Phi_{261}^3\ \Phi_{174}^4\ \Phi_{87}^4\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
126136	1690	1575	$\frac{6}{175}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}^2\ \Phi_{105}\ \Phi_{75}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
126137	1690	1764	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{27}{196}$	$\frac{4}{9}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{196}^2\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
126138	1690	1584	$\frac{7}{176}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}^2\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
126139	1690	576	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{23}{192}$	$\frac{4}{9}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^4\ \Phi_{144}^3\ \Phi_{96}^4\ \Phi_{64}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{16}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
126140	1690	189	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{189}^{10}\ \Phi_{63}^7\ \Phi_{27}^{10}\ \Phi_{21}^6\ \Phi_9^8\ \Phi_7^6\ \Phi_3^7\ \Phi_1^8$
126141	1690	180	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^{10}\ \Phi_{45}^{10}\ \Phi_{36}^7\ \Phi_{30}^{10}\ \Phi_{20}^{10}\ \Phi_{18}^7\ \Phi_{15}^{10}\ \Phi_{12}^6\ \Phi_{10}^{10}\ \Phi_9^8\ \Phi_6^6\ \Phi_5^{10}\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
126142	1690	126	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{126}^{12}\ \Phi_{63}^{12}\ \Phi_{42}^{12}\ \Phi_{21}^{12}\ \Phi_{18}^{12}\ \Phi_{14}^{24}\ \Phi_9^{13}\ \Phi_7^{24}\ \Phi_6^{12}\ \Phi_3^{13}\ \Phi_2^{24}\ \Phi_1^{26}$
126143	1690	4512	$\frac{1}{94}$	$\frac{93}{752}$	$\frac{1}{3}$	$\frac{659}{1504}$	$\Phi_{4512}\ \Phi_{282}\ \Phi_{141}\ \Phi_{96}\ \Phi_6$
126144	1690	852	$\frac{7}{852}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{852}^2\ \Phi_{426}^2\ \Phi_{284}^2\ \Phi_{213}^2\ \Phi_{142}^2\ \Phi_{71}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
126145	1690	216	$\frac{1}{27}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{216}^9\ \Phi_{108}^6\ \Phi_{72}^8\ \Phi_{54}^9\ \Phi_{36}^5\ \Phi_{27}^8\ \Phi_{24}^8\ \Phi_{18}^8\ \Phi_{12}^6\ \Phi_9^7\ \Phi_8^8\ \Phi_6^8\ \Phi_4^6\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
126146	1690	594	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{594}^5\ \Phi_{297}\ \Phi_{198}^5\ \Phi_{99}\ \Phi_{66}^5\ \Phi_{54}^5\ \Phi_{33}\ \Phi_{18}^5\ \Phi_6^5$
126147	1690	1689	$\frac{77}{1689}$	$\frac{124}{1689}$	$\frac{313}{1689}$	$\frac{688}{1689}$	$\Phi_{1689}\ \Phi_{563}\ \Phi_3\ \Phi_1^2$
126148	1690	1834	$\frac{6}{131}$	$\frac{1}{14}$	$\frac{25}{131}$	$\frac{53}{131}$	$\Phi_{1834}\ \Phi_{917}\ \Phi_{262}$
126149	1690	282	$\frac{1}{141}$	$\frac{28}{141}$	$\frac{1}{3}$	$\frac{113}{282}$	$\Phi_{282}^{10}\ \Phi_{141}^2\ \Phi_{94}^{10}\ \Phi_{47}^2\ \Phi_6^{10}\ \Phi_3\ \Phi_2^{10}\ \Phi_1^2$
126150	1690	2992	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{33}{136}$	$\frac{103}{272}$	$\Phi_{2992}\ \Phi_{374}\ \Phi_{187}\ \Phi_{176}\ \Phi_{22}$
126151	1690	2040	$\frac{1}{170}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2040}^2\ \Phi_{510}\ \Phi_{408}^2\ \Phi_{255}\ \Phi_{120}^2\ \Phi_{102}\ \Phi_{51}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
126152	1690	2696	$\frac{12}{337}$	$\frac{25}{337}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2696}\ \Phi_{337}\ \Phi_8^2\ \Phi_1^2$
126153	1690	1512	$\frac{1}{27}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1512}^2\ \Phi_{504}^2\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}^2\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_6$
126154	1690	1269	$\frac{2}{423}$	$\frac{421}{1269}$	$\frac{1}{3}$	$\frac{424}{1269}$	$\Phi_{1269}\ \Phi_{423}^2\ \Phi_{141}^2\ \Phi_{47}^2\ \Phi_{27}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
126155	1690	342	$\frac{2}{171}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{342}^6\ \Phi_{171}^4\ \Phi_{114}^6\ \Phi_{57}^4\ \Phi_{38}^6\ \Phi_{19}^4\ \Phi_{18}^6\ \Phi_9^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
126156	1690	330	$\frac{1}{66}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{330}^{6}\ \Phi_{165}^{6}\ \Phi_{110}^{6}\ \Phi_{66}^{2}\ \Phi_{55}^{6}\ \Phi_{33}^{2}\ \Phi_{30}^{6}\ \Phi_{22}^{2}\ \Phi_{15}^{4}\ \Phi_{11}^{2}\ \Phi_{10}^{6}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126157	1690	252	$\frac{1}{84}$	$\frac{1}{6}$	$\frac{83}{252}$	$\frac{1}{3}$	$\Phi_{252}^{10}\ \Phi_{126}^{10}\ \Phi_{63}^{10}\ \Phi_{36}^{10}\ \Phi_{18}^{10}\ \Phi_{9}^{10}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126158	1690	672	$\frac{1}{32}$	$\frac{1}{14}$	$\frac{31}{96}$	$\frac{1}{3}$	$\Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{224}^{4}\ \Phi_{168}^{2}\ \Phi_{112}^{4}\ \Phi_{96}\ \Phi_{84}^{2}\ \Phi_{56}^{4}\ \Phi_{48}\ \Phi_{42}^{3}\ \Phi_{32}^{2}\ \Phi_{28}^{4}\ \Phi_{24}\ \Phi_{21}^{3}\ \Phi_{16}^{2}\ \Phi_{14}^{4}\ \Phi_{12}\ \Phi_{8}^{2}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126159	1690	1242	$\frac{17}{414}$	$\frac{1}{18}$	$\frac{397}{1242}$	$\frac{1}{3}$	$\Phi_{1242}^{2}\ \Phi_{621}^{2}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126160	1690	282	$\frac{3}{94}$	$\frac{7}{94}$	$\frac{29}{94}$	$\frac{1}{3}$	$\Phi_{282}^{9}\ \Phi_{141}^{9}\ \Phi_{6}^{9}\ \Phi_{3}^{8}$
126161	1690	864	$\frac{19}{864}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{864}^{2}\ \Phi_{432}^{2}\ \Phi_{288}^{2}\ \Phi_{216}^{2}\ \Phi_{144}^{2}\ \Phi_{108}^{2}\ \Phi_{96}^{2}\ \Phi_{72}^{2}\ \Phi_{54}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{32}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126162	1690	198	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{198}^{12}\ \Phi_{99}^{12}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{10}\ \Phi_{11}^{2}\ \Phi_{9}^{10}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126163	1690	1128	$\frac{1}{94}$	$\frac{93}{376}$	$\frac{283}{1128}$	$\frac{1}{3}$	$\Phi_{1128}\ \Phi_{564}\ \Phi_{376}^{2}\ \Phi_{282}^{2}\ \Phi_{188}^{2}\ \Phi_{141}^{2}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126164	1690	528	$\frac{1}{66}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{528}^{4}\ \Phi_{264}^{4}\ \Phi_{176}^{4}\ \Phi_{88}^{4}\ \Phi_{66}^{2}\ \Phi_{48}^{3}\ \Phi_{33}^{2}\ \Phi_{24}^{3}\ \Phi_{22}^{2}\ \Phi_{16}^{4}\ \Phi_{11}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126165	1690	516	$\frac{3}{172}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{516}^{3}\ \Phi_{258}^{3}\ \Phi_{172}^{4}\ \Phi_{129}^{3}\ \Phi_{86}^{4}\ \Phi_{43}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126166	1690	1428	$\frac{3}{68}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1428}^{2}\ \Phi_{714}^{2}\ \Phi_{357}^{2}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
126167	1690	672	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{55}{224}$	$\frac{1}{3}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}^{4}\ \Phi_{112}^{4}\ \Phi_{96}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{4}\ \Phi_{16}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126168	1690	1290	$\frac{1}{43}$	$\frac{2}{15}$	$\frac{21}{86}$	$\frac{1}{3}$	$\Phi_{1290}^{2}\ \Phi_{645}\ \Phi_{430}^{2}\ \Phi_{215}\ \Phi_{86}^{2}\ \Phi_{43}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126169	1690	1116	$\frac{8}{279}$	$\frac{1}{9}$	$\frac{271}{1116}$	$\frac{1}{3}$	$\Phi_{1116}^{2}\ \Phi_{558}^{2}\ \Phi_{372}^{2}\ \Phi_{186}^{2}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126170	1690	756	$\frac{1}{27}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{756}^{3}\ \Phi_{378}^{3}\ \Phi_{252}^{3}\ \Phi_{126}^{3}\ \Phi_{108}^{3}\ \Phi_{84}^{2}\ \Phi_{54}^{3}\ \Phi_{42}^{2}\ \Phi_{36}^{3}\ \Phi_{28}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126171	1690	216	$\frac{1}{27}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{216}^{9}\ \Phi_{108}^{9}\ \Phi_{72}^{8}\ \Phi_{54}^{9}\ \Phi_{36}^{8}\ \Phi_{27}^{2}\ \Phi_{24}^{8}\ \Phi_{18}^{8}\ \Phi_{12}^{8}\ \Phi_{9}^{2}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
126172	1690	918	$\frac{7}{153}$	$\frac{73}{918}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{918}^{2}\ \Phi_{459}^{2}\ \Phi_{306}^{2}\ \Phi_{153}\ \Phi_{102}^{2}\ \Phi_{54}^{2}\ \Phi_{51}\ \Phi_{34}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{17}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126173	1690	891	$\frac{46}{891}$	$\frac{7}{99}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{891}^{2}\ \Phi_{297}^{2}\ \Phi_{99}\ \Phi_{81}^{2}\ \Phi_{33}\ \Phi_{27}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
126174	1690	864	$\frac{19}{864}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{864}^{2}\ \Phi_{432}^{2}\ \Phi_{288}^{2}\ \Phi_{216}^{2}\ \Phi_{144}^{2}\ \Phi_{108}^{2}\ \Phi_{96}^{2}\ \Phi_{72}^{2}\ \Phi_{54}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{32}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126175	1690	210	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{41}{210}$	$\frac{1}{3}$	$\Phi_{210}^{10}\ \Phi_{105}^{10}\ \Phi_{70}^{10}\ \Phi_{35}^{10}\ \Phi_{30}^{10}\ \Phi_{15}^{10}\ \Phi_{10}^{10}\ \Phi_{6}^{2}\ \Phi_{5}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126176	1690	645	$\frac{4}{129}$	$\frac{2}{15}$	$\frac{25}{129}$	$\frac{1}{3}$	$\Phi_{645}^{3}\ \Phi_{215}^{3}\ \Phi_{129}\ \Phi_{43}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
126177	1690	564	$\frac{2}{47}$	$\frac{19}{188}$	$\frac{9}{47}$	$\frac{1}{3}$	$\Phi_{564}^{5}\ \Phi_{282}^{5}\ \Phi_{141}^{3}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{2}$
126178	1690	336	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{3}{16}$	$\frac{1}{3}$	$\Phi_{336}^{8}\ \Phi_{168}^{8}\ \Phi_{84}^{8}\ \Phi_{48}^{4}\ \Phi_{42}^{9}\ \Phi_{24}^{4}\ \Phi_{21}^{9}\ \Phi_{12}^{4}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
126179	1690	846	$\frac{53}{846}$	$\frac{61}{846}$	$\frac{157}{846}$	$\frac{1}{3}$	$\Phi_{846}^{2}\ \Phi_{423}^{2}\ \Phi_{282}^{2}\ \Phi_{141}^{2}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126180	1690	174	$\frac{5}{174}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{174}^{10}\ \Phi_{87}^{10}\ \Phi_{58}^{10}\ \Phi_{29}^{10}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126181	1690	1008	$\frac{5}{168}$	$\frac{163}{1008}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{252}^{2}\ \Phi_{144}^{2}\ \Phi_{126}^{2}\ \Phi_{112}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126182	1690	1050	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1050}^{2}\ \Phi_{525}\ \Phi_{350}^{2}\ \Phi_{210}^{2}\ \Phi_{175}^{2}\ \Phi_{150}^{2}\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}^{2}\ \Phi_{50}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{25}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126183	1690	588	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{588}^{3}\ \Phi_{294}^{3}\ \Phi_{196}^{4}\ \Phi_{147}^{3}\ \Phi_{98}^{4}\ \Phi_{49}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126184	1690	270	$\frac{1}{27}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{270}^{9}\ \Phi_{135}^{6}\ \Phi_{90}^{9}\ \Phi_{54}^{3}\ \Phi_{45}^{6}\ \Phi_{30}^{6}\ \Phi_{27}^{2}\ \Phi_{18}^{3}\ \Phi_{15}^{4}\ \Phi_{10}^{6}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126185	1690	528	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{176}^{4}\ \Phi_{132}^{3}\ \Phi_{88}^{4}\ \Phi_{66}^{3}\ \Phi_{48}^{3}\ \Phi_{44}^{4}\ \Phi_{33}^{3}\ \Phi_{22}^{4}\ \Phi_{16}^{4}\ \Phi_{11}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126186	1690	192	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{192}^{10}\ \Phi_{96}^{10}\ \Phi_{64}^{10}\ \Phi_{48}^{10}\ \Phi_{32}^{10}\ \Phi_{16}^{10}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126187	1690	882	$\frac{37}{882}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{882}^{2}\ \Phi_{441}^{2}\ \Phi_{294}^{2}\ \Phi_{147}^{2}\ \Phi_{126}^{2}\ \Phi_{98}^{2}\ \Phi_{63}^{2}\ \Phi_{49}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
126188	1690	378	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{378}^{6}\ \Phi_{189}^{4}\ \Phi_{126}^{6}\ \Phi_{63}^{4}\ \Phi_{54}^{6}\ \Phi_{27}^{4}\ \Phi_{18}^{6}\ \Phi_{9}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126189	1690	714	$\frac{19}{357}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{714}^{3}\ \Phi_{357}^{2}\ \Phi_{238}^{3}\ \Phi_{119}^{2}\ \Phi_{102}^{3}\ \Phi_{51}^{2}\ \Phi_{34}^{3}\ \Phi_{17}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126190	1690	924	$\frac{5}{84}$	$\frac{79}{924}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{231}^{2}\ \Phi_{154}^{2}\ \Phi_{132}^{2}\ \Phi_{77}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126191	1690	180	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^{10}\ \Phi_{45}^{10}\ \Phi_{36}^{10}\ \Phi_{30}^{10}\ \Phi_{20}^{10}\ \Phi_{18}^{10}\ \Phi_{15}^{10}\ \Phi_{10}^{10}\ \Phi_{9}^{10}\ \Phi_{6}^{2}\ \Phi_{5}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126192	1690	42	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{42}^{36}\ \Phi_{21}^{36}\ \Phi_{14}^{48}\ \Phi_{7}^{48}\ \Phi_{6}^{38}\ \Phi_{3}^{37}\ \Phi_{2}^{50}\ \Phi_{1}^{50}$
126193	1690	645	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{645}^{3}\ \Phi_{215}^{3}\ \Phi_{43}^{3}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
126194	1690	2310	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{330}\ \Phi_{154}\ \Phi_{110}\ \Phi_{77}\ \Phi_{22}$
126195	1690	504	$\frac{1}{14}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{168}^{2}\ \Phi_{126}^{4}\ \Phi_{84}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{4}\ \Phi_{56}^{4}\ \Phi_{42}^{3}\ \Phi_{36}^{2}\ \Phi_{28}^{4}\ \Phi_{24}\ \Phi_{21}^{3}\ \Phi_{18}^{2}\ \Phi_{14}^{4}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126196	1690	480	$\frac{1}{32}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{31}{96}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{4}\ \Phi_{120}^{3}\ \Phi_{96}^{4}\ \Phi_{80}^{4}\ \Phi_{60}^{3}\ \Phi_{48}^{4}\ \Phi_{40}^{4}\ \Phi_{32}^{4}\ \Phi_{30}^{3}\ \Phi_{24}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
126197	1690	2244	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{35}{204}$	$\frac{16}{51}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{374}\ \Phi_{187}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{22}$
126198	1690	2640	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{240}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}$
126199	1690	175	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{175}^{10}\ \Phi_{35}^{8}\ \Phi_{25}^{10}\ \Phi_{7}^{10}\ \Phi_{5}^{7}\ \Phi_{1}^{10}$
126200	1690	774	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{21}{86}$	$\frac{5}{18}$	$\Phi_{774}^{3}\ \Phi_{387}^{3}\ \Phi_{86}^{2}\ \Phi_{43}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126201	1690	774	$\frac{4}{129}$	$\frac{1}{6}$	$\frac{25}{129}$	$\frac{5}{18}$	$\Phi_{774}^{3}\ \Phi_{387}^{3}\ \Phi_{129}\ \Phi_{43}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
126202	1690	54	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{54}^{33}\ \Phi_{27}^{32}\ \Phi_{18}^{28}\ \Phi_{9}^{27}\ \Phi_{6}^{32}\ \Phi_{3}^{31}\ \Phi_{2}^{32}\ \Phi_{1}^{32}$
126203	1690	774	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{774}^{3}\ \Phi_{387}^{3}\ \Phi_{43}^{3}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{1}^{4}$
126204	1690	1386	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1386}^{2}\ \Phi_{693}^{2}\ \Phi_{198}\ \Phi_{154}\ \Phi_{99}\ \Phi_{77}\ \Phi_{22}$
126205	1690	1980	$\frac{11}{180}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
126206	1690	688	$\frac{1}{43}$	$\frac{3}{16}$	$\frac{21}{86}$	$\frac{1}{4}$	$\Phi_{688}^{3}\ \Phi_{344}^{3}\ \Phi_{86}^{2}\ \Phi_{43}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126207	1690	1020	$\frac{3}{68}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{340}\ \Phi_{255}^{2}\ \Phi_{204}^{2}\ \Phi_{170}\ \Phi_{102}^{2}\ \Phi_{85}\ \Phi_{68}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{15}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
126208	1690	2064	$\frac{4}{129}$	$\frac{3}{16}$	$\frac{25}{129}$	$\frac{1}{4}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{688}\ \Phi_{344}\ \Phi_{129}\ \Phi_{48}\ \Phi_{43}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
126209	1690	432	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{432}^{5}\ \Phi_{216}^{5}\ \Phi_{144}^{5}\ \Phi_{72}^{5}\ \Phi_{54}^{3}\ \Phi_{48}^{3}\ \Phi_{27}^{2}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{16}^{4}\ \Phi_{9}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126210	1690	688	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{688}^{3}\ \Phi_{344}^{3}\ \Phi_{43}^{3}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{1}^{4}$
126211	1690	1232	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1232}^{2}\ \Phi_{616}^{2}\ \Phi_{176}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{22}$
126212	1690	220	$\frac{4}{55}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{51}{220}$	$\Phi_{220}^{10}\ \Phi_{110}^{10}\ \Phi_{55}\ \Phi_{44}^{10}\ \Phi_{22}^{10}\ \Phi_{20}^{10}\ \Phi_{10}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}$
126213	1690	2200	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{31}{200}$	$\frac{9}{40}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
126214	1690	240	$\frac{1}{16}$	$\frac{2}{15}$	$\frac{3}{16}$	$\frac{1}{5}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}^{4}\ \Phi_{60}^{8}\ \Phi_{48}^{8}\ \Phi_{40}^{4}\ \Phi_{30}^{8}\ \Phi_{24}^{8}\ \Phi_{20}^{4}\ \Phi_{16}^{8}\ \Phi_{15}^{10}\ \Phi_{12}^{8}\ \Phi_{10}^{4}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{5}\ \Phi_{4}^{8}\ \Phi_{3}^{10}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
126215	1690	210	$\frac{1}{14}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{210}^{8}\ \Phi_{105}^{8}\ \Phi_{70}^{9}\ \Phi_{42}^{10}\ \Phi_{35}^{9}\ \Phi_{30}^{3}\ \Phi_{21}^{10}\ \Phi_{15}^{5}\ \Phi_{14}^{10}\ \Phi_{10}^{4}\ \Phi_{7}^{10}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
126216	1690	360	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}^{3}\ \Phi_{90}^{5}\ \Phi_{72}^{6}\ \Phi_{60}^{3}\ \Phi_{45}^{5}\ \Phi_{40}^{4}\ \Phi_{36}^{6}\ \Phi_{30}^{3}\ \Phi_{24}^{4}\ \Phi_{20}^{4}\ \Phi_{18}^{6}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{6}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
126217	1691	2704	$\frac{1}{338}$	$\frac{339}{1352}$	$\frac{1013}{2704}$	$\frac{337}{676}$	$\Phi_{2704}\ \Phi_{676}\ \Phi_{208}\ \Phi_{52}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
126218	1691	3360	$\frac{11}{1680}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1669}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
126219	1691	3360	$\frac{11}{1680}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1669}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
126220	1691	2260	$\frac{4}{565}$	$\frac{1}{5}$	$\frac{569}{2260}$	$\frac{561}{1130}$	$\Phi_{2260}\ \Phi_{565}\ \Phi_{452}\ \Phi_{113}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
126221	1691	3120	$\frac{1}{130}$	$\frac{131}{1560}$	$\frac{1429}{3120}$	$\frac{129}{260}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{260}\ \Phi_{240}\ \Phi_{208}\ \Phi_{80}\ \Phi_{52}\ \Phi_{48}\ \Phi_{20}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
126222	1691	2340	$\frac{1}{130}$	$\frac{131}{780}$	$\frac{649}{2340}$	$\frac{129}{260}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{260}\ \Phi_{234}\ \Phi_{180}\ \Phi_{117}\ \Phi_{90}\ \Phi_{52}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
126223	1691	2080	$\frac{1}{130}$	$\frac{389}{2080}$	$\frac{131}{520}$	$\frac{129}{260}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{416}\ \Phi_{260}\ \Phi_{208}\ \Phi_{160}\ \Phi_{80}\ \Phi_{52}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
126224	1691	1584	$\frac{1}{88}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{87}{176}$	$\Phi_{1584}^2\ \Phi_{528}^2\ \Phi_{176}^3\ \Phi_{144}^2\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
126225	1691	3696	$\frac{1}{88}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{87}{176}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{336}\ \Phi_{176}\ \Phi_{112}\ \Phi_{21}\ \Phi_{16}\ \Phi_{7}\ \Phi_{1}$
126226	1691	4752	$\frac{1}{88}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{87}{176}$	$\Phi_{4752}\ \Phi_{432}\ \Phi_{176}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
126227	1691	528	$\frac{1}{88}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{87}{176}$	$\Phi_{528}^6\ \Phi_{176}^7\ \Phi_{48}^6\ \Phi_{24}\ \Phi_{16}^7\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
126228	1691	3328	$\frac{27}{1664}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{1637}{3328}$	$\Phi_{3328}\ \Phi_{256}\ \Phi_{52}\ \Phi_{4}\ \Phi_{1}$
126229	1691	1740	$\frac{2}{87}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{290}\ \Phi_{145}\ \Phi_{116}\ \Phi_{87}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{29}\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
126230	1691	3300	$\frac{41}{1650}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1609}{3300}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{300}\ \Phi_{220}\ \Phi_{132}\ \Phi_{100}\ \Phi_{60}\ \Phi_{50}\ \Phi_{44}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
126231	1691	2040	$\frac{9}{340}$	$\frac{1}{10}$	$\frac{349}{2040}$	$\frac{331}{680}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{120}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{34}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
126232	1691	3276	$\frac{53}{1638}$	$\frac{1}{26}$	$\frac{25}{78}$	$\frac{1585}{3276}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{28}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
126233	1691	120	$\frac{1}{30}$	$\frac{1}{20}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{120}^{19}\ \Phi_{60}^{10}\ \Phi_{40}^{19}\ \Phi_{30}^{9}\ \Phi_{24}^{19}\ \Phi_{20}^{9}\ \Phi_{15}^{9}\ \Phi_{12}^{10}\ \Phi_{10}^{8}\ \Phi_{8}^{19}\ \Phi_{6}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
126234	1691	2496	$\frac{27}{832}$	$\frac{1}{26}$	$\frac{805}{2496}$	$\frac{25}{52}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{192}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
126235	1691	1768	$\frac{1}{26}$	$\frac{77}{1768}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{442}\ \Phi_{221}\ \Phi_{136}\ \Phi_{68}\ \Phi_{52}\ \Phi_{34}\ \Phi_{17}\ \Phi_{4}\ \Phi_{1}$
126236	1691	2080	$\frac{1}{26}$	$\frac{27}{416}$	$\frac{389}{2080}$	$\frac{25}{52}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{160}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
126237	1691	1872	$\frac{1}{26}$	$\frac{181}{1872}$	$\frac{27}{208}$	$\frac{25}{52}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
126238	1691	2288	$\frac{1}{26}$	$\frac{25}{572}$	$\frac{597}{2288}$	$\frac{547}{1144}$	$\Phi_{2288}\ \Phi_{572}\ \Phi_{286}\ \Phi_{208}\ \Phi_{176}\ \Phi_{143}\ \Phi_{52}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
126239	1691	340	$\frac{4}{85}$	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{81}{170}$	$\Phi_{340}^5\ \Phi_{170}^4\ \Phi_{85}^5\ \Phi_{68}^5\ \Phi_{34}^4\ \Phi_{20}^9\ \Phi_{17}^5\ \Phi_{10}^8\ \Phi_{5}^8\ \Phi_{4}^9\ \Phi_{2}^8\ \Phi_{1}^9$
126240	1691	170	$\frac{4}{85}$	$\frac{1}{10}$	$\frac{9}{85}$	$\frac{81}{170}$	$\Phi_{170}^9\ \Phi_{85}^{11}\ \Phi_{34}^9\ \Phi_{17}^{11}\ \Phi_{10}^8\ \Phi_{5}^{10}\ \Phi_{2}^8\ \Phi_{1}^{11}$
126241	1691	396	$\frac{1}{44}$	$\frac{1}{18}$	$\frac{43}{132}$	$\frac{17}{36}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^5\ \Phi_{99}^4\ \Phi_{66}^5\ \Phi_{44}^4\ \Phi_{36}^5\ \Phi_{33}^5\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{12}^6\ \Phi_{11}^4\ \Phi_{9}^4\ \Phi_{6}^5\ \Phi_{4}^5\ \Phi_{3}^5\ \Phi_{2}^4\ \Phi_{1}^5$
126242	1691	828	$\frac{3}{92}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}^2\ \Phi_{207}^2\ \Phi_{138}^2\ \Phi_{92}^3\ \Phi_{69}^2\ \Phi_{46}^3\ \Phi_{36}\ \Phi_{23}^3\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
126243	1691	1980	$\frac{1}{22}$	$\frac{1}{18}$	$\frac{21}{110}$	$\frac{17}{36}$	$\Phi_{1980}^2\ \Phi_{660}^2\ \Phi_{220}^2\ \Phi_{180}^2\ \Phi_{110}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{36}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
126244	1691	540	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^2\ \Phi_{135}^4\ \Phi_{108}^3\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^3\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^3\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
126245	1691	288	$\frac{1}{18}$	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{17}{36}$	$\Phi_{288}^6\ \Phi_{144}^6\ \Phi_{96}^7\ \Phi_{72}^4\ \Phi_{48}^7\ \Phi_{36}^5\ \Phi_{32}^7\ \Phi_{24}^5\ \Phi_{18}^4\ \Phi_{16}^7\ \Phi_{12}^6\ \Phi_{9}^4\ \Phi_{8}^4\ \Phi_{6}^5\ \Phi_{4}^5\ \Phi_{3}^5\ \Phi_{2}^4\ \Phi_{1}^5$
126246	1691	396	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{17}{36}$	$\Phi_{396}^8\ \Phi_{132}^8\ \Phi_{99}\ \Phi_{44}^8\ \Phi_{36}^9\ \Phi_{33}\ \Phi_{12}^9\ \Phi_{9}\ \Phi_{4}^9\ \Phi_{3}\ \Phi_{1}$
126247	1691	3200	$\frac{91}{1600}$	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1509}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{128}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
126248	1691	840	$\frac{1}{20}$	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{79}{168}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{168}^3\ \Phi_{120}^4\ \Phi_{60}^2\ \Phi_{56}^3\ \Phi_{40}^4\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{8}^3\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
126249	1691	3120	$\frac{1}{65}$	$\frac{131}{1560}$	$\frac{64}{195}$	$\frac{1429}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{195}\ \Phi_{80}\ \Phi_{48}\ \Phi_{39}\ \Phi_{16}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
126250	1691	3120	$\frac{1}{26}$	$\frac{131}{1560}$	$\frac{25}{156}$	$\frac{1429}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{156}\ \Phi_{80}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
126251	1691	1800	$\frac{109}{1800}$	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{200}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
126252	1691	1620	$\frac{1}{20}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{162}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{180}^2\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}^2\ \Phi_{81}\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
126253	1691	2520	$\frac{11}{840}$	$\frac{1}{10}$	$\frac{829}{2520}$	$\frac{9}{20}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
126254	1691	1720	$\frac{29}{1720}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1720}\ \Phi_{860}\ \Phi_{430}\ \Phi_{344}\ \Phi_{215}\ \Phi_{172}\ \Phi_{86}\ \Phi_{43}\ \Phi_{20}\ \Phi_4\ \Phi_1$
126255	1691	2240	$\frac{11}{560}$	$\frac{1}{10}$	$\frac{549}{2240}$	$\frac{9}{20}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}\ \Phi_4\ \Phi_1$
126256	1691	2100	$\frac{11}{420}$	$\frac{1}{10}$	$\frac{409}{2100}$	$\frac{9}{20}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
126257	1691	1740	$\frac{49}{1740}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{290}\ \Phi_{174}\ \Phi_{145}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}\ \Phi_{29}\ \Phi_{20}\ \Phi_4\ \Phi_1$
126258	1691	1760	$\frac{69}{1760}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_4\ \Phi_1$
126259	1691	1960	$\frac{11}{280}$	$\frac{1}{10}$	$\frac{269}{1960}$	$\frac{9}{20}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{245}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{20}\ \Phi_4\ \Phi_1$
126260	1691	1920	$\frac{11}{240}$	$\frac{1}{10}$	$\frac{229}{1920}$	$\frac{9}{20}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}\ \Phi_4\ \Phi_1$
126261	1691	100	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{9}{20}$	$\Phi_{100}^{19}\ \Phi_{50}^{19}\ \Phi_{25}^{19}\ \Phi_{20}^{9}\ \Phi_{10}^{8}\ \Phi_5^8\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
126262	1691	1800	$\frac{109}{1800}$	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
126263	1691	1820	$\frac{129}{1820}$	$\frac{11}{140}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{182}\ \Phi_{130}\ \Phi_{91}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_4\ \Phi_1$
126264	1691	3060	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{161}{1530}$	$\frac{1369}{3060}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{204}\ \Phi_{180}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{36}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
126265	1691	2340	$\frac{1}{65}$	$\frac{64}{585}$	$\frac{649}{2340}$	$\frac{521}{1170}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{585}\ \Phi_{468}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{156}\ \Phi_{117}\ \Phi_{60}\ \Phi_{52}\ \Phi_{45}\ \Phi_{39}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
126266	1691	160	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{160}$	$\Phi_{160}^{19}\ \Phi_{32}^{19}\ \Phi_{20}^{9}\ \Phi_{10}^{8}\ \Phi_5^8\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
126267	1691	1872	$\frac{1}{26}$	$\frac{181}{1872}$	$\frac{25}{156}$	$\frac{131}{312}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
126268	1691	480	$\frac{1}{20}$	$\frac{7}{96}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^3\ \Phi_{80}^4\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{40}^4\ \Phi_{32}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
126269	1691	2860	$\frac{1}{26}$	$\frac{25}{286}$	$\frac{261}{1430}$	$\frac{1169}{2860}$	$\Phi_{2860}\ \Phi_{572}\ \Phi_{286}\ \Phi_{260}\ \Phi_{220}\ \Phi_{143}\ \Phi_{52}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_4\ \Phi_1$
126270	1691	300	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{61}{150}$	$\Phi_{300}^5\ \Phi_{150}^4\ \Phi_{100}^5\ \Phi_{75}^5\ \Phi_{60}^{10}\ \Phi_{50}^4\ \Phi_{30}^9\ \Phi_{25}^5\ \Phi_{20}^9\ \Phi_{15}^9\ \Phi_{12}^{10}\ \Phi_{10}^8\ \Phi_6^9\ \Phi_5^8\ \Phi_4^9\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
126271	1691	1440	$\frac{1}{90}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}^2\ \Phi_{180}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{90}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
126272	1691	720	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{55}{144}$	$\Phi_{720}^4\ \Phi_{240}^4\ \Phi_{180}^2\ \Phi_{144}^3\ \Phi_{90}^2\ \Phi_{80}^4\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
126273	1691	2720	$\frac{9}{340}$	$\frac{1}{10}$	$\frac{331}{1360}$	$\frac{1029}{2720}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{340}\ \Phi_{170}\ \Phi_{160}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}\ \Phi_{32}\ \Phi_{20}\ \Phi_{17}\ \Phi_4\ \Phi_1$
126274	1691	360	$\frac{1}{90}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^4\ \Phi_{180}^6\ \Phi_{120}^4\ \Phi_{90}^5\ \Phi_{72}^4\ \Phi_{60}^6\ \Phi_{45}^5\ \Phi_{40}^4\ \Phi_{36}^6\ \Phi_{30}^5\ \Phi_{24}^3\ \Phi_{20}^6\ \Phi_{18}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_9^5\ \Phi_8^4\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
126275	1691	90	$\frac{1}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{90}^{19}\ \Phi_{45}^{19}\ \Phi_{30}^{18}\ \Phi_{18}^{19}\ \Phi_{15}^{19}\ \Phi_{10}^{18}\ \Phi_9^{19}\ \Phi_6^{18}\ \Phi_5^{18}\ \Phi_3^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
126276	1691	1950	$\frac{1}{65}$	$\frac{259}{1950}$	$\frac{64}{195}$	$\frac{131}{390}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{325}\ \Phi_{195}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{39}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
126277	1691	924	$\frac{1}{44}$	$\frac{2}{21}$	$\frac{43}{132}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{66}\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}\ \Phi_7^3\ \Phi_6\ \Phi_3\ \Phi_1$
126278	1691	1932	$\frac{3}{92}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{161}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_{21}\ \Phi_7\ \Phi_1$
126279	1691	2310	$\frac{1}{22}$	$\frac{2}{21}$	$\frac{21}{110}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{210}\ \Phi_{110}\ \Phi_{105}\ \Phi_{70}\ \Phi_{55}\ \Phi_{35}\ \Phi_{21}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
126280	1691	672	$\frac{7}{96}$	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^2\ \Phi_{112}^3\ \Phi_{96}\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{32}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^3\ \Phi_{16}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_7^3\ \Phi_6\ \Phi_3\ \Phi_1$
126281	1691	693	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{10}{99}$	$\frac{1}{3}$	$\Phi_{693}^3\ \Phi_{231}^2\ \Phi_{99}\ \Phi_{77}^2\ \Phi_{63}^3\ \Phi_{33}\ \Phi_{21}^3\ \Phi_9\ \Phi_7^3\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
126282	1691	2520	$\frac{11}{840}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{829}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
126283	1691	2340	$\frac{1}{65}$	$\frac{131}{780}$	$\frac{649}{2340}$	$\frac{64}{195}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{234}\ \Phi_{195}\ \Phi_{180}\ \Phi_{117}\ \Phi_{90}\ \Phi_{45}\ \Phi_{39}\ \Phi_{36}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
126284	1691	1188	$\frac{1}{44}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{43}{132}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{297}^2\ \Phi_{132}\ \Phi_{108}^2\ \Phi_{66}\ \Phi_{54}^2\ \Phi_{33}\ \Phi_{27}^3\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
126285	1691	264	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{43}{132}$	$\Phi_{264}^8\ \Phi_{132}^5\ \Phi_{88}^8\ \Phi_{66}^5\ \Phi_{44}^4\ \Phi_{33}^5\ \Phi_{24}^9\ \Phi_{22}^4\ \Phi_{12}^6\ \Phi_{11}^4\ \Phi_8^9\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
126286	1691	1872	$\frac{1}{26}$	$\frac{181}{1872}$	$\frac{53}{234}$	$\frac{25}{78}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
126287	1691	2184	$\frac{1}{26}$	$\frac{53}{546}$	$\frac{493}{2184}$	$\frac{25}{78}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{364}\ \Phi_{312}\ \Phi_{168}\ \Phi_{156}\ \Phi_{104}\ \Phi_{84}\ \Phi_{78}\ \Phi_{56}\ \Phi_{52}\ \Phi_{39}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
126288	1691	2040	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{349}{2040}$	$\frac{161}{510}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{408}\ \Phi_{340}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{40}\ \Phi_{34}\ \Phi_{24}\ \Phi_{20}\ \Phi_{17}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
126289	1691	2484	$\frac{3}{92}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{621}\ \Phi_{92}\ \Phi_{46}\ \Phi_{27}\ \Phi_{23}\ \Phi_1$
126290	1691	2970	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{21}{110}$	$\frac{8}{27}$	$\Phi_{2970}\ \Phi_{1485}\ \Phi_{270}\ \Phi_{135}\ \Phi_{110}\ \Phi_{55}\ \Phi_{27}\ \Phi_{10}\ \Phi_5\ \Phi_1$
126291	1691	540	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^4\ \Phi_{135}^3\ \Phi_{108}^2\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{54}^2\ \Phi_{45}^4\ \Phi_{36}^3\ \Phi_{30}^4\ \Phi_{27}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
126292	1691	864	$\frac{7}{96}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{27}$	$\Phi_{864}^3\ \Phi_{432}^3\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{96}\ \Phi_{54}^2\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}^3\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
126293	1691	297	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{297}^8\ \Phi_{99}\ \Phi_{33}\ \Phi_{27}^9\ \Phi_9\ \Phi_3\ \Phi_1$
126294	1691	2400	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{800}$	$\frac{709}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
126295	1691	1260	$\frac{1}{20}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{126}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{126}\ \Phi_{90}^2\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
126296	1691	2340	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{131}{780}$	$\frac{649}{2340}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{234}\ \Phi_{180}\ \Phi_{156}\ \Phi_{117}\ \Phi_{90}\ \Phi_{78}\ \Phi_{52}\ \Phi_{45}\ \Phi_{39}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
126297	1691	1800	$\frac{109}{1800}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{150}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
126298	1691	2100	$\frac{11}{420}$	$\frac{409}{2100}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
126299	1691	1740	$\frac{49}{1740}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{290}\ \Phi_{174}\ \Phi_{145}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}\ \Phi_{29}\ \Phi_{15}\ \Phi_3\ \Phi_1$
126300	1691	1920	$\frac{11}{240}$	$\frac{229}{1920}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{15}\ \Phi_3\ \Phi_1$
126301	1691	1890	$\frac{11}{210}$	$\frac{199}{1890}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
126302	1691	1785	$\frac{94}{1785}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{85}\ \Phi_{51}\ \Phi_{17}\ \Phi_{15}\ \Phi_3\ \Phi_1$
126303	1691	1800	$\frac{109}{1800}$	$\frac{11}{120}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
126304	1691	120	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{120}^{19}\ \Phi_{60}^{19}\ \Phi_{30}^{19}\ \Phi_{24}^{19}\ \Phi_{20}^9\ \Phi_{15}^{19}\ \Phi_{12}^{19}\ \Phi_{10}^8\ \Phi_6^{19}\ \Phi_5^8\ \Phi_4^9\ \Phi_3^{19}\ \Phi_2^8\ \Phi_1^9$
126305	1691	552	$\frac{3}{92}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{552}^4\ \Phi_{276}^2\ \Phi_{184}^4\ \Phi_{138}^2\ \Phi_{92}^3\ \Phi_{69}^2\ \Phi_{46}^3\ \Phi_{24}\ \Phi_{23}^3\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
126306	1691	2200	$\frac{41}{550}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{509}{2200}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{440}\ \Phi_{220}\ \Phi_{200}\ \Phi_{100}\ \Phi_{88}\ \Phi_{50}\ \Phi_{44}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
126307	1691	2000	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{309}{2000}$	$\frac{91}{400}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
126308	1691	1320	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{21}{110}$	$\frac{5}{24}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{120}^2\ \Phi_{110}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
126309	1691	96	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{96}^{19}\ \Phi_{48}^{19}\ \Phi_{32}^{19}\ \Phi_{24}^{14}\ \Phi_{16}^{19}\ \Phi_{12}^{14}\ \Phi_8^{13}\ \Phi_6^{13}\ \Phi_4^{13}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
126310	1691	792	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{792}^3\ \Phi_{396}^3\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{99}\ \Phi_{88}^2\ \Phi_{72}^3\ \Phi_{44}^2\ \Phi_{36}^3\ \Phi_{33}\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_9\ \Phi_8^3\ \Phi_4^3\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
126311	1692	2532	$\frac{1}{422}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{421}{844}$	$\Phi_{2532}\ \Phi_{844}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
126312	1692	1405	$\frac{1}{281}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{140}{281}$	$\Phi_{1405}\ \Phi_{281}^2\ \Phi_5^2\ \Phi_1^4$
126313	1692	3372	$\frac{1}{281}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{140}{281}$	$\Phi_{3372}\ \Phi_{1686}\ \Phi_{12}^2\ \Phi_6^2$
126314	1692	1691	$\frac{7}{1691}$	$\frac{283}{1691}$	$\frac{704}{1691}$	$\frac{842}{1691}$	$\Phi_{1691}\ \Phi_{89}\ \Phi_{19}\ \Phi_1^2$
126315	1692	2260	$\frac{3}{565}$	$\frac{1}{4}$	$\frac{142}{565}$	$\frac{281}{565}$	$\Phi_{2260}\ \Phi_{1130}\ \Phi_{452}\ \Phi_{226}\ \Phi_{20}\ \Phi_{10}$
126316	1692	1691	$\frac{9}{1691}$	$\frac{422}{1691}$	$\frac{425}{1691}$	$\frac{841}{1691}$	$\Phi_{1691}\ \Phi_{89}\ \Phi_{19}\ \Phi_1^2$
126317	1692	2992	$\frac{1}{187}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{93}{187}$	$\Phi_{2992}\ \Phi_{272}\ \Phi_{187}\ \Phi_{176}\ \Phi_{17}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_1^2$
126318	1692	748	$\frac{1}{187}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{93}{187}$	$\Phi_{748}^2\ \Phi_{374}^2\ \Phi_{187}^3\ \Phi_{68}^2\ \Phi_{44}^2\ \Phi_{34}^2\ \Phi_{22}^2\ \Phi_{17}^3\ \Phi_{11}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
126319	1692	2541	$\frac{5}{847}$	$\frac{142}{847}$	$\frac{1}{3}$	$\frac{421}{847}$	$\Phi_{2541}\ \Phi_{363}\ \Phi_{231}\ \Phi_{33}\ \Phi_{21}$
126320	1692	3080	$\frac{1}{140}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{139}{280}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}^2\ \Phi_{88}\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
126321	1692	840	$\frac{1}{140}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{139}{280}$	$\Phi_{840}^6\ \Phi_{168}^6\ \Phi_{120}^6\ \Phi_{24}^6\ \Phi_{21}$
126322	1692	3080	$\frac{1}{140}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{139}{280}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}^2\ \Phi_{88}\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
126323	1692	280	$\frac{1}{140}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{139}{280}$	$\Phi_{280}^{12}\ \Phi_{56}^{12}\ \Phi_{40}^{12}\ \Phi_{20}\ \Phi_{10}\ \Phi_8^{12}$
126324	1692	1691	$\frac{13}{1691}$	$\frac{284}{1691}$	$\frac{469}{1691}$	$\frac{839}{1691}$	$\Phi_{1691}\ \Phi_{89}\ \Phi_{19}\ \Phi_1^2$
126325	1692	1452	$\frac{1}{121}$	$\frac{61}{484}$	$\frac{1}{3}$	$\frac{60}{121}$	$\Phi_{1452}^2\ \Phi_{726}^2\ \Phi_{363}\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{33}\ \Phi_{12}^2\ \Phi_6^2$
126326	1692	452	$\frac{1}{113}$	$\frac{19}{113}$	$\frac{1}{4}$	$\frac{56}{113}$	$\Phi_{452}^5\ \Phi_{226}^5\ \Phi_4^4\ \Phi_2^4$
126327	1692	1581	$\frac{1}{93}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{46}{93}$	$\Phi_{1581}\ \Phi_{527}\ \Phi_{93}^2\ \Phi_{51}\ \Phi_{31}^2\ \Phi_{17}^2\ \Phi_3^2\ \Phi_1^4$
126328	1692	930	$\frac{1}{93}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{46}{93}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{310}^2\ \Phi_{186}^2\ \Phi_{155}^2\ \Phi_{62}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_2^2$
126329	1692	1581	$\frac{1}{93}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{46}{93}$	$\Phi_{1581}\ \Phi_{527}\ \Phi_{93}^2\ \Phi_{51}\ \Phi_{31}^2\ \Phi_{17}^2\ \Phi_3^2\ \Phi_1^4$
126330	1692	2604	$\frac{1}{93}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{46}{93}$	$\Phi_{2604}\ \Phi_{1302}\ \Phi_{868}\ \Phi_{434}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
126331	1692	89	$\frac{1}{89}$	$\frac{5}{89}$	$\frac{42}{89}$	$\frac{44}{89}$	$\Phi_{89}^{19}\ \Phi_1^{20}$
126332	1692	178	$\frac{1}{89}$	$\frac{15}{89}$	$\frac{37}{178}$	$\frac{44}{89}$	$\Phi_{178}^{12}\ \Phi_{89}^7\ \Phi_2^{12}\ \Phi_1^8$
126333	1692	836	$\frac{5}{418}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{413}{836}$	$\Phi_{836}^4\ \Phi_{76}^4\ \Phi_{44}^4\ \Phi_{19}\ \Phi_4^4\ \Phi_1^2$
126334	1692	2508	$\frac{5}{418}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{413}{836}$	$\Phi_{2508}^2\ \Phi_{228}^2\ \Phi_{132}^2\ \Phi_{33}\ \Phi_{12}^2$
126335	1692	836	$\frac{5}{418}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{413}{836}$	$\Phi_{836}^4\ \Phi_{76}^4\ \Phi_{44}^4\ \Phi_{19}\ \Phi_4^4\ \Phi_1^2$
126336	1692	462	$\frac{1}{77}$	$\frac{13}{154}$	$\frac{1}{3}$	$\frac{38}{77}$	$\Phi_{462}^6\ \Phi_{231}^5\ \Phi_{66}^6\ \Phi_{42}^6\ \Phi_{33}^5\ \Phi_{21}^5\ \Phi_6^6\ \Phi_3^4$
126337	1692	1691	$\frac{25}{1691}$	$\frac{143}{1691}$	$\frac{516}{1691}$	$\frac{833}{1691}$	$\Phi_{1691}\ \Phi_{89}\ \Phi_{19}\ \Phi_1^2$
126338	1692	630	$\frac{1}{63}$	$\frac{1}{10}$	$\frac{16}{63}$	$\frac{31}{63}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{126}^3\ \Phi_{105}^3\ \Phi_{90}^3\ \Phi_{70}^3\ \Phi_{45}^3\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_2^2$
126339	1692	4160	$\frac{7}{416}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{409}{832}$	$\Phi_{4160}\ \Phi_{320}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
126340	1692	1981	$\frac{5}{283}$	$\frac{1}{7}$	$\frac{48}{283}$	$\frac{139}{283}$	Φ_{1981}
126341	1692	1691	$\frac{31}{1691}$	$\frac{234}{1691}$	$\frac{287}{1691}$	$\frac{830}{1691}$	$\Phi_{1691}\ \Phi_{89}\ \Phi_{19}\ \Phi_1^2$
126342	1692	2260	$\frac{11}{565}$	$\frac{48}{565}$	$\frac{1}{4}$	$\frac{277}{565}$	$\Phi_{2260}\ \Phi_{1130}\ \Phi_{452}\ \Phi_{226}\ \Phi_{20}\ \Phi_{10}$
126343	1692	1691	$\frac{33}{1691}$	$\frac{140}{1691}$	$\frac{431}{1691}$	$\frac{829}{1691}$	$\Phi_{1691}\ \Phi_{89}\ \Phi_{19}\ \Phi_1^2$
126344	1692	2541	$\frac{17}{847}$	$\frac{48}{847}$	$\frac{1}{3}$	$\frac{415}{847}$	$\Phi_{2541}\ \Phi_{363}\ \Phi_{231}\ \Phi_{33}\ \Phi_{21}$
126345	1692	3220	$\frac{1}{46}$	$\frac{1}{35}$	$\frac{17}{35}$	$\frac{45}{92}$	$\Phi_{3220}\ \Phi_{644}\ \Phi_{460}\ \Phi_{140}\ \Phi_{92}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
126346	1692	5244	$\frac{1}{46}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{5244}\ \Phi_{228}\ \Phi_{57}$
126347	1692	3220	$\frac{1}{46}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{45}{92}$	$\Phi_{3220}\ \Phi_{644}\ \Phi_{460}\ \Phi_{140}\ \Phi_{92}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
126348	1692	1196	$\frac{1}{46}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{45}{92}$	$\Phi_{1196}\ \Phi_{598}^2\ \Phi_{299}^2\ \Phi_{52}^2\ \Phi_{26}^3\ \Phi_{13}^2$
126349	1692	3220	$\frac{1}{46}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{45}{92}$	$\Phi_{3220}\ \Phi_{644}\ \Phi_{460}\ \Phi_{140}\ \Phi_{92}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
126350	1692	460	$\frac{1}{46}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{45}{92}$	$\Phi_{460}^{7}\,\Phi_{92}^{8}\,\Phi_{20}^{7}\,\Phi_{10}^{4}\,\Phi_{5}^{3}\,\Phi_{4}^{8}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
126351	1692	644	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{45}{92}$	$\Phi_{644}^{5}\,\Phi_{92}^{6}\,\Phi_{28}^{5}\,\Phi_{7}^{5}\,\Phi_{4}^{6}\,\Phi_{1}^{6}$
126352	1692	551	$\frac{13}{551}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{269}{551}$	$\Phi_{551}^{3}\,\Phi_{29}^{3}\,\Phi_{19}^{5}\,\Phi_{1}^{6}$
126353	1692	2415	$\frac{1}{35}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{17}{35}$	$\Phi_{2415}\,\Phi_{483}\,\Phi_{345}\,\Phi_{105}\,\Phi_{69}^{2}\,\Phi_{35}\,\Phi_{21}\,\Phi_{15}\,\Phi_{7}\,\Phi_{5}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
126354	1692	190	$\frac{3}{95}$	$\frac{1}{19}$	$\frac{49}{190}$	$\frac{46}{95}$	$\Phi_{190}^{12}\,\Phi_{95}^{6}\,\Phi_{38}^{12}\,\Phi_{19}^{5}\,\Phi_{10}^{12}\,\Phi_{5}^{6}\,\Phi_{2}^{12}\,\Phi_{1}^{6}$
126355	1692	910	$\frac{3}{91}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{44}{91}$	$\Phi_{910}^{2}\,\Phi_{455}^{2}\,\Phi_{182}^{2}\,\Phi_{130}^{2}\,\Phi_{70}^{3}\,\Phi_{65}^{2}\,\Phi_{35}^{3}\,\Phi_{26}^{2}\,\Phi_{14}^{3}\,\Phi_{10}^{2}\,\Phi_{5}^{2}\,\Phi_{2}^{2}$
126356	1692	445	$\frac{3}{89}$	$\frac{22}{445}$	$\frac{23}{89}$	$\frac{43}{89}$	$\Phi_{445}^{4}\,\Phi_{89}^{3}\,\Phi_{5}^{4}\,\Phi_{1}^{4}$
126357	1692	270	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{7}{54}$	$\frac{13}{27}$	$\Phi_{270}^{7}\,\Phi_{135}^{7}\,\Phi_{90}^{7}\,\Phi_{54}^{3}\,\Phi_{45}^{7}\,\Phi_{30}^{7}\,\Phi_{27}^{4}\,\Phi_{18}^{3}\,\Phi_{15}^{7}\,\Phi_{10}^{6}\,\Phi_{9}^{4}\,\Phi_{6}^{3}\,\Phi_{5}^{6}\,\Phi_{3}^{4}\,\Phi_{2}^{2}\,\Phi_{1}^{4}$
126358	1692	3330	$\frac{1}{37}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{3330}\,\Phi_{1110}\,\Phi_{666}\,\Phi_{370}\,\Phi_{222}\,\Phi_{111}\,\Phi_{74}$
126359	1692	1710	$\frac{2}{45}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{43}{90}$	$\Phi_{1710}^{2}\,\Phi_{570}^{2}\,\Phi_{342}^{2}\,\Phi_{190}^{2}\,\Phi_{114}^{2}\,\Phi_{95}\,\Phi_{38}^{2}$
126360	1692	90	$\frac{2}{45}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{43}{90}$	$\Phi_{90}^{17}\,\Phi_{45}^{21}\,\Phi_{30}^{17}\,\Phi_{18}^{17}\,\Phi_{15}^{21}\,\Phi_{10}^{16}\,\Phi_{9}^{20}\,\Phi_{6}^{17}\,\Phi_{5}^{20}\,\Phi_{3}^{20}\,\Phi_{2}^{16}\,\Phi_{1}^{20}$
126361	1692	210	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{11}{105}$	$\frac{10}{21}$	$\Phi_{210}^{9}\,\Phi_{105}^{7}\,\Phi_{70}^{9}\,\Phi_{42}^{9}\,\Phi_{35}^{7}\,\Phi_{30}^{9}\,\Phi_{21}^{8}\,\Phi_{15}^{7}\,\Phi_{14}^{9}\,\Phi_{10}^{8}\,\Phi_{7}^{8}\,\Phi_{6}^{9}\,\Phi_{5}^{6}\,\Phi_{3}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
126362	1692	1615	$\frac{77}{1615}$	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{769}{1615}$	$\Phi_{1615}\,\Phi_{323}\,\Phi_{95}^{2}\,\Phi_{85}\,\Phi_{19}\,\Phi_{17}\,\Phi_{5}^{2}\,\Phi_{1}^{2}$
126363	1692	209	$\frac{5}{209}$	$\frac{1}{19}$	$\frac{68}{209}$	$\frac{9}{19}$	$\Phi_{209}^{8}\,\Phi_{19}^{9}\,\Phi_{11}^{8}\,\Phi_{1}^{10}$
126364	1692	437	$\frac{14}{437}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{437}^{4}\,\Phi_{23}^{4}\,\Phi_{19}\,\Phi_{1}^{2}$
126365	1692	1045	$\frac{10}{209}$	$\frac{1}{19}$	$\frac{199}{1045}$	$\frac{9}{19}$	$\Phi_{1045}^{2}\,\Phi_{95}^{2}\,\Phi_{55}^{2}\,\Phi_{19}\,\Phi_{5}^{2}\,\Phi_{1}^{2}$
126366	1692	57	$\frac{1}{19}$	$\frac{1}{19}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{57}^{36}\,\Phi_{19}^{17}\,\Phi_{3}^{36}\,\Phi_{1}^{18}$
126367	1692	152	$\frac{1}{19}$	$\frac{11}{152}$	$\frac{5}{38}$	$\frac{9}{19}$	$\Phi_{152}^{12}\,\Phi_{76}^{12}\,\Phi_{38}^{8}\,\Phi_{19}^{9}\,\Phi_{8}^{12}\,\Phi_{4}^{12}\,\Phi_{2}^{8}\,\Phi_{1}^{10}$
126368	1692	89	$\frac{2}{89}$	$\frac{5}{89}$	$\frac{29}{89}$	$\frac{42}{89}$	$\Phi_{89}^{19}\,\Phi_{1}^{20}$
126369	1692	89	$\frac{4}{89}$	$\frac{5}{89}$	$\frac{17}{89}$	$\frac{42}{89}$	$\Phi_{89}^{19}\,\Phi_{1}^{20}$
126370	1692	89	$\frac{5}{89}$	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{42}{89}$	$\Phi_{89}^{19}\,\Phi_{1}^{20}$
126371	1692	816	$\frac{1}{48}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{816}^{2}\,\Phi_{408}^{2}\,\Phi_{272}^{2}\,\Phi_{204}^{2}\,\Phi_{136}^{2}\,\Phi_{102}^{2}\,\Phi_{68}^{2}\,\Phi_{51}\,\Phi_{48}^{4}\,\Phi_{34}^{2}\,\Phi_{24}^{4}\,\Phi_{17}^{2}\,\Phi_{16}^{4}\,\Phi_{12}^{4}\,\Phi_{8}^{4}\,\Phi_{6}^{4}\,\Phi_{4}^{4}\,\Phi_{3}^{2}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
126372	1692	1054	$\frac{1}{31}$	$\frac{1}{17}$	$\frac{15}{62}$	$\frac{8}{17}$	$\Phi_{1054}^{2}\,\Phi_{527}\,\Phi_{62}^{4}\,\Phi_{34}^{2}\,\Phi_{31}^{2}\,\Phi_{17}^{2}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
126373	1692	266	$\frac{1}{19}$	$\frac{8}{133}$	$\frac{3}{19}$	$\frac{125}{266}$	$\Phi_{266}^{12}\,\Phi_{38}^{12}\,\Phi_{19}^{5}\,\Phi_{14}^{12}\,\Phi_{2}^{12}\,\Phi_{1}^{6}$
126374	1692	2368	$\frac{1}{37}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{2368}\,\Phi_{592}\,\Phi_{296}\,\Phi_{148}\,\Phi_{74}$
126375	1692	3256	$\frac{1}{37}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{3256}\,\Phi_{296}\,\Phi_{148}\,\Phi_{74}$
126376	1692	1776	$\frac{1}{48}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{1776}\,\Phi_{888}\,\Phi_{592}\,\Phi_{444}\,\Phi_{296}\,\Phi_{222}\,\Phi_{148}\,\Phi_{111}\,\Phi_{74}$
126377	1692	429	$\frac{2}{143}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{429}^{6}\,\Phi_{39}^{6}\,\Phi_{33}^{5}\,\Phi_{3}^{4}$
126378	1692	770	$\frac{1}{70}$	$\frac{1}{11}$	$\frac{23}{70}$	$\frac{5}{11}$	$\Phi_{770}^{2}\,\Phi_{385}^{2}\,\Phi_{154}^{2}\,\Phi_{110}^{2}\,\Phi_{77}^{2}\,\Phi_{70}^{4}\,\Phi_{55}^{2}\,\Phi_{35}^{4}\,\Phi_{22}^{2}\,\Phi_{14}^{4}\,\Phi_{11}^{3}\,\Phi_{10}^{4}\,\Phi_{7}^{4}\,\Phi_{5}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
126379	1692	528	$\frac{1}{48}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{528}^{3}\,\Phi_{264}^{3}\,\Phi_{176}^{3}\,\Phi_{132}^{3}\,\Phi_{88}^{3}\,\Phi_{66}^{3}\,\Phi_{48}^{6}\,\Phi_{44}^{2}\,\Phi_{33}^{3}\,\Phi_{24}^{6}\,\Phi_{22}^{2}\,\Phi_{16}^{6}\,\Phi_{12}^{6}\,\Phi_{11}^{3}\,\Phi_{8}^{6}\,\Phi_{6}^{6}\,\Phi_{4}^{4}\,\Phi_{3}^{6}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
126380	1692	1595	$\frac{4}{145}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{1595}\,\Phi_{319}\,\Phi_{145}^{2}\,\Phi_{29}^{2}\,\Phi_{11}\,\Phi_{1}^{2}$
126381	1692	1925	$\frac{1}{35}$	$\frac{1}{11}$	$\frac{34}{175}$	$\frac{5}{11}$	$\Phi_{1925}\,\Phi_{275}\,\Phi_{175}^{2}\,\Phi_{25}^{2}\,\Phi_{11}\,\Phi_{1}^{2}$
126382	1692	616	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{9}{56}$	$\frac{5}{11}$	$\Phi_{616}^{3}\,\Phi_{308}^{2}\,\Phi_{154}^{2}\,\Phi_{88}^{3}\,\Phi_{77}^{2}\,\Phi_{56}^{6}\,\Phi_{44}^{2}\,\Phi_{28}^{4}\,\Phi_{22}^{2}\,\Phi_{14}^{4}\,\Phi_{11}^{3}\,\Phi_{8}^{6}\,\Phi_{7}^{4}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
126383	1692	539	$\frac{2}{49}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{539}^{3}\,\Phi_{77}^{2}\,\Phi_{49}^{6}\,\Phi_{11}^{3}\,\Phi_{7}^{4}\,\Phi_{1}^{6}$
126384	1692	1760	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{19}{160}$	$\frac{5}{11}$	$\Phi_{1760}\,\Phi_{880}\,\Phi_{440}\,\Phi_{352}\,\Phi_{176}\,\Phi_{160}^{2}\,\Phi_{88}\,\Phi_{80}^{2}\,\Phi_{40}^{2}\,\Phi_{32}^{2}\,\Phi_{16}^{2}\,\Phi_{11}\,\Phi_{8}^{2}\,\Phi_{1}^{2}$
126385	1692	550	$\frac{3}{50}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{11}$	$\Phi_{550}^{3}\,\Phi_{275}^{3}\,\Phi_{110}^{2}\,\Phi_{55}^{2}\,\Phi_{50}^{6}\,\Phi_{25}^{6}\,\Phi_{22}^{2}\,\Phi_{11}^{3}\,\Phi_{10}^{4}\,\Phi_{5}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
126386	1692	154	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{154}^{11}\ \Phi_{77}^{11}\ \Phi_{22}^{11}\ \Phi_{14}^{10}\ \Phi_{11}^{12}\ \Phi_{7}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
126387	1692	475	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{52}{475}$	$\frac{43}{95}$	$\Phi_{475}^{4}\ \Phi_{95}^{2}\ \Phi_{25}^{4}\ \Phi_{19}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
126388	1692	2310	$\frac{1}{77}$	$\frac{38}{385}$	$\frac{1}{3}$	$\frac{347}{770}$	$\Phi_{2310}^{2}\ \Phi_{462}^{2}\ \Phi_{330}^{2}\ \Phi_{231}\ \Phi_{210}^{2}\ \Phi_{66}^{2}\ \Phi_{42}^{2}\ \Phi_{33}\ \Phi_{30}^{2}\ \Phi_{21}\ \Phi_{6}^{2}$
126389	1692	171	$\frac{1}{19}$	$\frac{17}{171}$	$\frac{2}{19}$	$\frac{77}{171}$	$\Phi_{171}^{9}\ \Phi_{57}^{9}\ \Phi_{19}^{17}\ \Phi_{9}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{18}$
126390	1692	1691	$\frac{26}{1691}$	$\frac{185}{1691}$	$\frac{469}{1691}$	$\frac{753}{1691}$	$\Phi_{1691}\ \Phi_{89}\ \Phi_{19}\ \Phi_{1}^{2}$
126391	1692	2541	$\frac{10}{847}$	$\frac{93}{847}$	$\frac{1}{3}$	$\frac{377}{847}$	$\Phi_{2541}\ \Phi_{363}\ \Phi_{231}\ \Phi_{33}\ \Phi_{21}$
126392	1692	990	$\frac{5}{99}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{330}^{2}\ \Phi_{198}^{2}\ \Phi_{165}^{2}\ \Phi_{110}^{2}\ \Phi_{90}\ \Phi_{66}^{2}\ \Phi_{55}^{2}\ \Phi_{45}\ \Phi_{30}\ \Phi_{22}^{2}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
126393	1692	1691	$\frac{20}{1691}$	$\frac{189}{1691}$	$\frac{557}{1691}$	$\frac{751}{1691}$	$\Phi_{1691}\ \Phi_{89}\ \Phi_{19}\ \Phi_{1}^{2}$
126394	1692	760	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{43}{380}$	$\frac{337}{760}$	$\Phi_{760}^{4}\ \Phi_{152}^{4}\ \Phi_{95}^{2}\ \Phi_{40}^{4}\ \Phi_{19}\ \Phi_{8}^{4}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
126395	1692	3108	$\frac{1}{37}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{3108}\ \Phi_{1036}\ \Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}$
126396	1692	420	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{5}{42}$	$\frac{37}{84}$	$\Phi_{420}^{8}\ \Phi_{210}\ \Phi_{140}^{8}\ \Phi_{105}\ \Phi_{84}^{4}\ \Phi_{70}\ \Phi_{60}^{8}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^{4}\ \Phi_{20}^{8}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^{4}\ \Phi_{6}\ \Phi_{4}^{4}$
126397	1692	4560	$\frac{1}{95}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{4560}\ \Phi_{912}\ \Phi_{285}\ \Phi_{240}\ \Phi_{57}\ \Phi_{15}$
126398	1692	2992	$\frac{3}{187}$	$\frac{1}{8}$	$\frac{46}{187}$	$\frac{7}{16}$	$\Phi_{2992}\ \Phi_{272}\ \Phi_{187}\ \Phi_{176}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
126399	1692	240	$\frac{1}{48}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{240}^{9}\ \Phi_{120}^{9}\ \Phi_{80}^{8}\ \Phi_{60}^{9}\ \Phi_{40}^{9}\ \Phi_{30}^{9}\ \Phi_{20}^{9}\ \Phi_{15}^{9}\ \Phi_{10}^{9}\ \Phi_{5}^{8}$
126400	1692	1584	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1584}^{2}\ \Phi_{528}^{2}\ \Phi_{176}\ \Phi_{144}^{2}\ \Phi_{99}^{2}\ \Phi_{48}^{2}\ \Phi_{33}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
126401	1692	816	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{816}^{4}\ \Phi_{272}^{3}\ \Phi_{51}^{4}\ \Phi_{48}^{4}\ \Phi_{17}^{3}\ \Phi_{16}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
126402	1692	1776	$\frac{1}{48}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{592}\ \Phi_{444}\ \Phi_{296}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}$
126403	1692	3710	$\frac{1}{53}$	$\frac{52}{371}$	$\frac{1}{5}$	$\frac{319}{742}$	$\Phi_{3710}\ \Phi_{530}\ \Phi_{265}\ \Phi_{70}\ \Phi_{10}$
126404	1692	1281	$\frac{4}{427}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1281}^{2}\ \Phi_{183}^{2}\ \Phi_{21}$
126405	1692	490	$\frac{2}{49}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{490}^{4}\ \Phi_{245}^{4}\ \Phi_{98}^{4}\ \Phi_{70}^{3}\ \Phi_{35}^{3}\ \Phi_{14}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}$
126406	1692	152	$\frac{1}{19}$	$\frac{11}{152}$	$\frac{3}{19}$	$\frac{8}{19}$	$\Phi_{152}^{12}\ \Phi_{76}^{12}\ \Phi_{38}^{12}\ \Phi_{19}^{5}\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{6}$
126407	1692	810	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{13}{81}$	$\frac{34}{81}$	$\Phi_{810}^{2}\ \Phi_{405}^{2}\ \Phi_{270}^{3}\ \Phi_{162}^{2}\ \Phi_{135}^{3}\ \Phi_{90}^{3}\ \Phi_{54}^{3}\ \Phi_{45}^{3}\ \Phi_{30}^{3}\ \Phi_{18}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}$
126408	1692	1691	$\frac{29}{1691}$	$\frac{277}{1691}$	$\frac{328}{1691}$	$\frac{707}{1691}$	$\Phi_{1691}\ \Phi_{89}\ \Phi_{19}\ \Phi_{1}^{2}$
126409	1692	2260	$\frac{7}{565}$	$\frac{93}{565}$	$\frac{1}{4}$	$\frac{236}{565}$	$\Phi_{2260}\ \Phi_{1130}\ \Phi_{452}\ \Phi_{226}\ \Phi_{20}\ \Phi_{10}$
126410	1692	726	$\frac{1}{121}$	$\frac{20}{121}$	$\frac{1}{3}$	$\frac{101}{242}$	$\Phi_{726}^{6}\ \Phi_{363}\ \Phi_{66}^{6}\ \Phi_{33}\ \Phi_{6}^{6}$
126411	1692	2960	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{2960}\ \Phi_{592}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}$
126412	1692	475	$\frac{1}{19}$	$\frac{6}{95}$	$\frac{89}{475}$	$\frac{193}{475}$	$\Phi_{475}^{3}\ \Phi_{95}^{6}\ \Phi_{25}^{3}\ \Phi_{19}^{5}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
126413	1692	712	$\frac{1}{89}$	$\frac{67}{356}$	$\frac{22}{89}$	$\frac{289}{712}$	$\Phi_{712}^{4}\ \Phi_{89}^{3}\ \Phi_{8}^{4}\ \Phi_{1}^{4}$
126414	1692	2130	$\frac{1}{142}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{2130}\ \Phi_{1065}\ \Phi_{426}^{2}\ \Phi_{213}^{2}\ \Phi_{30}\ \Phi_{6}^{2}$
126415	1692	1405	$\frac{2}{281}$	$\frac{1}{5}$	$\frac{93}{281}$	$\frac{2}{5}$	$\Phi_{1405}\ \Phi_{281}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
126416	1692	380	$\frac{1}{95}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{380}^{6}\ \Phi_{190}^{6}\ \Phi_{76}^{6}\ \Phi_{38}^{6}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
126417	1692	1405	$\frac{5}{281}$	$\frac{46}{281}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1405}\ \Phi_{281}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
126418	1692	1680	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}^{2}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}^{2}\ \Phi_{140}\ \Phi_{112}^{2}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{70}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}$
126419	1692	950	$\frac{1}{19}$	$\frac{3}{50}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{950}^{2}\ \Phi_{475}^{2}\ \Phi_{190}^{2}\ \Phi_{95}\ \Phi_{38}^{2}$
126420	1692	1691	$\frac{11}{1691}$	$\frac{377}{1691}$	$\frac{560}{1691}$	$\frac{657}{1691}$	$\Phi_{1691}\ \Phi_{89}\ \Phi_{19}\ \Phi_{1}^{2}$
126421	1692	1846	$\frac{1}{142}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1846}\ \Phi_{923}\ \Phi_{26}$
126422	1692	76	$\frac{1}{19}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{29}{76}$	$\Phi_{76}^{36}\ \Phi_{19}^{17}\ \Phi_{4}^{36}\ \Phi_{1}^{18}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
126423	1692	178	$\frac{1}{89}$	$\frac{37}{178}$	$\frac{22}{89}$	$\frac{67}{178}$	$\Phi_{178}^{8}\ \Phi_{89}^{11}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
126424	1692	452	$\frac{1}{113}$	$\frac{28}{113}$	$\frac{1}{4}$	$\frac{85}{226}$	$\Phi_{452}^{5}\ \Phi_{226}\ \Phi_{113}^{4}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
126425	1692	95	$\frac{1}{95}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{95}^{18}\ \Phi_{19}^{17}\ \Phi_{5}^{18}\ \Phi_{1}^{18}$
126426	1692	445	$\frac{1}{89}$	$\frac{88}{445}$	$\frac{119}{445}$	$\frac{163}{445}$	$\Phi_{445}^{4}\ \Phi_{89}^{3}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
126427	1692	1691	$\frac{23}{1691}$	$\frac{278}{1691}$	$\frac{471}{1691}$	$\frac{610}{1691}$	$\Phi_{1691}\ \Phi_{89}\ \Phi_{19}\ \Phi_{1}^{2}$
126428	1692	1776	$\frac{1}{48}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{592}\ \Phi_{444}\ \Phi_{296}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}$
126429	1692	2664	$\frac{1}{37}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{2664}\ \Phi_{888}\ \Phi_{444}\ \Phi_{296}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}$
126430	1692	1691	$\frac{32}{1691}$	$\frac{187}{1691}$	$\frac{553}{1691}$	$\frac{569}{1691}$	$\Phi_{1691}\ \Phi_{89}\ \Phi_{19}\ \Phi_{1}^{2}$
126431	1692	1981	$\frac{4}{283}$	$\frac{1}{7}$	$\frac{93}{283}$	$\frac{95}{283}$	Φ_{1981}
126432	1692	1060	$\frac{1}{106}$	$\frac{1}{5}$	$\frac{35}{106}$	$\frac{71}{212}$	$\Phi_{1060}^{3}\ \Phi_{530}\ \Phi_{265}\ \Phi_{20}^{3}\ \Phi_{10}$
126433	1692	1691	$\frac{14}{1691}$	$\frac{375}{1691}$	$\frac{559}{1691}$	$\frac{566}{1691}$	$\Phi_{1691}\ \Phi_{89}\ \Phi_{19}\ \Phi_{1}^{2}$
126434	1692	2260	$\frac{4}{565}$	$\frac{1}{4}$	$\frac{187}{565}$	$\frac{189}{565}$	$\Phi_{2260}\ \Phi_{1130}\ \Phi_{452}\ \Phi_{226}\ \Phi_{20}\ \Phi_{10}$
126435	1692	1691	$\frac{8}{1691}$	$\frac{561}{1691}$	$\frac{563}{1691}$	$\frac{565}{1691}$	$\Phi_{1691}\ \Phi_{89}\ \Phi_{19}\ \Phi_{1}^{2}$
126436	1692	2541	$\frac{4}{847}$	$\frac{281}{847}$	$\frac{1}{3}$	$\frac{283}{847}$	$\Phi_{2541}\ \Phi_{363}\ \Phi_{231}\ \Phi_{33}\ \Phi_{21}$
126437	1692	633	$\frac{1}{211}$	$\frac{70}{211}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{633}^{2}\ \Phi_{211}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
126438	1692	852	$\frac{1}{142}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{852}^{2}\ \Phi_{426}\ \Phi_{284}^{4}\ \Phi_{213}\ \Phi_{142}^{2}\ \Phi_{71}^{2}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
126439	1692	633	$\frac{4}{211}$	$\frac{23}{211}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{633}^{2}\ \Phi_{211}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
126440	1692	240	$\frac{1}{48}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}^{8}\ \Phi_{60}^{8}\ \Phi_{48}^{4}\ \Phi_{40}^{8}\ \Phi_{30}^{7}\ \Phi_{24}^{4}\ \Phi_{20}^{8}\ \Phi_{16}^{4}\ \Phi_{15}^{7}\ \Phi_{12}^{4}\ \Phi_{10}^{6}\ \Phi_{8}^{4}\ \Phi_{6}^{3}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
126441	1692	3372	$\frac{2}{281}$	$\frac{1}{4}$	$\frac{93}{281}$	$\frac{1}{3}$	$\Phi_{3372}\ \Phi_{1686}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
126442	1692	363	$\frac{1}{121}$	$\frac{27}{121}$	$\frac{40}{121}$	$\frac{1}{3}$	$\Phi_{363}^{7}\ \Phi_{33}^{7}\ \Phi_{3}^{6}$
126443	1692	210	$\frac{1}{70}$	$\frac{1}{7}$	$\frac{23}{70}$	$\frac{1}{3}$	$\Phi_{210}^{12}\ \Phi_{105}^{12}\ \Phi_{42}^{12}\ \Phi_{30}^{12}\ \Phi_{21}^{13}\ \Phi_{15}^{12}\ \Phi_{6}^{12}\ \Phi_{3}^{12}$
126444	1692	2541	$\frac{16}{847}$	$\frac{95}{847}$	$\frac{277}{847}$	$\frac{1}{3}$	$\Phi_{2541}\ \Phi_{363}\ \Phi_{231}\ \Phi_{33}\ \Phi_{21}$
126445	1692	2790	$\frac{2}{93}$	$\frac{1}{10}$	$\frac{91}{279}$	$\frac{1}{3}$	$\Phi_{2790}\ \Phi_{1395}\ \Phi_{558}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
126446	1692	627	$\frac{5}{209}$	$\frac{1}{11}$	$\frac{68}{209}$	$\frac{1}{3}$	$\Phi_{627}^{4}\ \Phi_{57}^{4}\ \Phi_{33}^{5}\ \Phi_{3}^{4}$
126447	1692	462	$\frac{2}{77}$	$\frac{13}{154}$	$\frac{25}{77}$	$\frac{1}{3}$	$\Phi_{462}^{6}\ \Phi_{231}^{5}\ \Phi_{66}^{6}\ \Phi_{42}^{6}\ \Phi_{33}^{5}\ \Phi_{21}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{4}$
126448	1692	1311	$\frac{1}{23}$	$\frac{1}{19}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{1311}\ \Phi_{437}^{2}\ \Phi_{57}^{2}\ \Phi_{19}^{2}$
126449	1692	816	$\frac{1}{48}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{816}^{2}\ \Phi_{408}^{2}\ \Phi_{272}^{2}\ \Phi_{204}^{2}\ \Phi_{136}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{51}\ \Phi_{48}^{4}\ \Phi_{34}^{2}\ \Phi_{24}^{4}\ \Phi_{17}^{2}\ \Phi_{16}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
126450	1692	861	$\frac{5}{287}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{861}^{3}\ \Phi_{123}^{3}\ \Phi_{21}$
126451	1692	2541	$\frac{13}{847}$	$\frac{139}{847}$	$\frac{236}{847}$	$\frac{1}{3}$	$\Phi_{2541}\ \Phi_{363}\ \Phi_{231}\ \Phi_{33}\ \Phi_{21}$
126452	1692	1155	$\frac{1}{77}$	$\frac{76}{385}$	$\frac{103}{385}$	$\frac{1}{3}$	$\Phi_{1155}^{2}\ \Phi_{231}^{3}\ \Phi_{165}^{2}\ \Phi_{105}^{2}\ \Phi_{33}^{3}\ \Phi_{21}^{3}\ \Phi_{15}^{2}\ \Phi_{3}^{2}$
126453	1692	1140	$\frac{1}{95}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}^{2}\ \Phi_{570}^{2}\ \Phi_{285}^{3}\ \Phi_{228}^{2}\ \Phi_{114}^{2}\ \Phi_{60}^{2}\ \Phi_{57}^{3}\ \Phi_{30}^{2}\ \Phi_{15}^{3}$
126454	1692	3372	$\frac{5}{281}$	$\frac{46}{281}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3372}\ \Phi_{1686}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
126455	1692	336	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^{6}\ \Phi_{168}^{6}\ \Phi_{112}^{6}\ \Phi_{84}^{5}\ \Phi_{56}^{6}\ \Phi_{42}^{5}\ \Phi_{28}^{6}\ \Phi_{21}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{6}$
126456	1692	1680	$\frac{3}{140}$	$\frac{1}{7}$	$\frac{137}{560}$	$\frac{1}{3}$	$\Phi_{1680}^{2}\ \Phi_{840}^{2}\ \Phi_{336}^{2}\ \Phi_{240}^{2}\ \Phi_{168}^{2}\ \Phi_{120}^{2}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{21}$
126457	1692	930	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{15}{62}$	$\frac{1}{3}$	$\Phi_{930}^{3}\ \Phi_{465}^{3}\ \Phi_{186}\ \Phi_{93}^{2}\ \Phi_{30}^{4}\ \Phi_{15}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
126458	1692	1320	$\frac{17}{440}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{264}^{2}\ \Phi_{165}^{2}\ \Phi_{132}^{2}\ \Phi_{120}^{2}\ \Phi_{60}^{2}\ \Phi_{33}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}$
126459	1692	363	$\frac{4}{121}$	$\frac{13}{121}$	$\frac{27}{121}$	$\frac{1}{3}$	$\Phi_{363}^{7}\ \Phi_{33}^{7}\ \Phi_{3}^{6}$
126460	1692	1998	$\frac{1}{37}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1998}\ \Phi_{999}\ \Phi_{666}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
126461	1692	2220	$\frac{1}{37}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{740}\ \Phi_{444}\ \Phi_{370}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}$
126462	1692	1302	$\frac{11}{434}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{1302}^2\ \Phi_{651}^2\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{21}$
126463	1692	3045	$\frac{4}{145}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3045}\ \Phi_{609}\ \Phi_{21}$
126464	1692	525	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{34}{175}$	$\frac{1}{3}$	$\Phi_{525}^6\ \Phi_{75}^6\ \Phi_{21}$
126465	1692	3135	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{199}{1045}$	$\frac{1}{3}$	$\Phi_{3135}\ \Phi_{285}\ \Phi_{165}\ \Phi_{33}\ \Phi_{15}$
126466	1692	99	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{99}^{18}\ \Phi_{33}^{14}\ \Phi_{11}^{18}\ \Phi_{9}^{18}\ \Phi_{3}^{13}\ \Phi_{1}^{18}$
126467	1692	2625	$\frac{29}{875}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{2625}\ \Phi_{525}\ \Phi_{375}\ \Phi_{75}\ \Phi_{21}$
126468	1692	168	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{9}{56}$	$\frac{1}{3}$	$\Phi_{168}^{18}\ \Phi_{84}^{12}\ \Phi_{42}^{12}\ \Phi_{24}^{18}\ \Phi_{21}^{13}\ \Phi_{12}^{12}\ \Phi_{6}^{12}\ \Phi_{3}^{12}$
126469	1692	462	$\frac{5}{77}$	$\frac{13}{154}$	$\frac{12}{77}$	$\frac{1}{3}$	$\Phi_{462}^6\ \Phi_{231}^5\ \Phi_{66}^6\ \Phi_{42}^6\ \Phi_{33}^5\ \Phi_{21}^5\ \Phi_{6}^6\ \Phi_{3}^4$
126470	1692	147	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{147}^{18}\ \Phi_{21}^{13}\ \Phi_{3}^{12}$
126471	1692	1470	$\frac{3}{70}$	$\frac{67}{490}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1470}^2\ \Phi_{735}^2\ \Phi_{294}^2\ \Phi_{147}^2\ \Phi_{21}$
126472	1692	3360	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{21}$
126473	1692	1344	$\frac{25}{448}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1344}^2\ \Phi_{672}^2\ \Phi_{336}^2\ \Phi_{192}^2\ \Phi_{168}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{21}$
126474	1692	105	$\frac{2}{35}$	$\frac{11}{105}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{105}^{15}\ \Phi_{35}^{18}\ \Phi_{21}^{16}\ \Phi_{15}^{15}\ \Phi_{7}^{18}\ \Phi_{5}^{18}\ \Phi_{3}^{15}\ \Phi_{1}^{18}$
126475	1692	1050	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1050}^3\ \Phi_{525}^3\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{42}^2\ \Phi_{21}^3$
126476	1692	1365	$\frac{32}{455}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1365}^2\ \Phi_{273}^2\ \Phi_{195}^2\ \Phi_{39}^2\ \Phi_{21}$
126477	1692	462	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{462}^6\ \Phi_{231}^6\ \Phi_{66}^6\ \Phi_{33}^6\ \Phi_{21}$
126478	1692	770	$\frac{1}{70}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{23}{70}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}^2\ \Phi_{70}^4\ \Phi_{55}^2\ \Phi_{35}^4\ \Phi_{22}^2\ \Phi_{14}^4\ \Phi_{11}^3\ \Phi_{10}^4\ \Phi_{7}^4\ \Phi_{5}^4\ \Phi_{2}^4\ \Phi_{1}^6$
126479	1692	140	$\frac{1}{70}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{23}{70}$	$\Phi_{140}^{16}\ \Phi_{70}^8\ \Phi_{35}^8\ \Phi_{28}^{16}\ \Phi_{20}^{17}\ \Phi_{14}^8\ \Phi_{10}^9\ \Phi_{7}^8\ \Phi_{5}^8\ \Phi_{4}^{16}\ \Phi_{2}^8\ \Phi_{1}^8$
126480	1692	1691	$\frac{26}{1691}$	$\frac{284}{1691}$	$\frac{469}{1691}$	$\frac{555}{1691}$	$\Phi_{1691}\ \Phi_{89}\ \Phi_{19}\ \Phi_{1}^2$
126481	1692	2120	$\frac{7}{424}$	$\frac{1}{5}$	$\frac{95}{424}$	$\frac{139}{424}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{265}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
126482	1692	1691	$\frac{29}{1691}$	$\frac{328}{1691}$	$\frac{379}{1691}$	$\frac{554}{1691}$	$\Phi_{1691}\ \Phi_{89}\ \Phi_{19}\ \Phi_{1}^2$
126483	1692	452	$\frac{2}{113}$	$\frac{19}{113}$	$\frac{1}{4}$	$\frac{37}{113}$	$\Phi_{452}^5\ \Phi_{226}^5\ \Phi_{4}^4\ \Phi_{2}^4$
126484	1692	178	$\frac{2}{89}$	$\frac{15}{89}$	$\frac{37}{178}$	$\frac{29}{89}$	$\Phi_{178}^{12}\ \Phi_{89}^7\ \Phi_{2}^{12}\ \Phi_{1}^8$
126485	1692	209	$\frac{5}{209}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{68}{209}$	$\Phi_{209}^8\ \Phi_{19}^9\ \Phi_{11}^8\ \Phi_{1}^{10}$
126486	1692	1040	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{67}{208}$	$\Phi_{1040}^2\ \Phi_{520}^2\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{80}^2\ \Phi_{65}^2\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_{5}^2$
126487	1692	2430	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{55}{243}$	$\frac{26}{81}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{486}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
126488	1692	2415	$\frac{1}{23}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{22}{69}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{345}\ \Phi_{105}\ \Phi_{69}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
126489	1692	3588	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{22}{69}$	$\Phi_{3588}\ \Phi_{1794}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}$
126490	1692	2415	$\frac{1}{23}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{22}{69}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{345}\ \Phi_{105}\ \Phi_{69}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
126491	1692	690	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{22}{69}$	$\Phi_{690}^4\ \Phi_{345}^3\ \Phi_{138}^4\ \Phi_{69}^4\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
126492	1692	483	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{22}{69}$	$\Phi_{483}^5\ \Phi_{69}^6\ \Phi_{21}^5\ \Phi_{7}^5\ \Phi_{3}^6\ \Phi_{1}^6$
126493	1692	2730	$\frac{6}{91}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{85}{273}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{210}\ \Phi_{195}\ \Phi_{105}\ \Phi_{78}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{14}\ \Phi_{6}$
126494	1692	2565	$\frac{1}{19}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{135}$	$\Phi_{2565}\ \Phi_{513}\ \Phi_{95}$
126495	1692	270	$\frac{4}{45}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{41}{135}$	$\Phi_{270}^{10}\ \Phi_{135}^8\ \Phi_{90}\ \Phi_{54}^{10}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}^8\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
126496	1692	57	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{10}{57}$	$\frac{17}{57}$	$\Phi_{57}^{27}\ \Phi_{19}^{35}\ \Phi_{3}^{27}\ \Phi_{1}^{36}$
126497	1692	1054	$\frac{1}{31}$	$\frac{2}{17}$	$\frac{15}{62}$	$\frac{5}{17}$	$\Phi_{1054}^2\ \Phi_{527}\ \Phi_{62}^4\ \Phi_{34}^2\ \Phi_{31}^2\ \Phi_{17}^2\ \Phi_{2}^4\ \Phi_{1}^4$
126498	1692	133	$\frac{1}{19}$	$\frac{16}{133}$	$\frac{3}{19}$	$\frac{39}{133}$	$\Phi_{133}^{12}\ \Phi_{19}^{17}\ \Phi_{7}^{12}\ \Phi_{1}^{18}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
126499	1692	528	$\frac{1}{48}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{176}^{3}\ \Phi_{132}^{3}\ \Phi_{88}^{3}\ \Phi_{66}^{3}\ \Phi_{48}^{6}\ \Phi_{44}^{2}\ \Phi_{33}^{3}\ \Phi_{24}^{6}\ \Phi_{22}^{2}\ \Phi_{16}^{6}\ \Phi_{12}^{6}\ \Phi_{11}^{3}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
126500	1692	1595	$\frac{4}{145}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}^{2}\ \Phi_{29}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
126501	1692	1925	$\frac{1}{35}$	$\frac{2}{11}$	$\frac{34}{175}$	$\frac{3}{11}$	$\Phi_{1925}\ \Phi_{275}\ \Phi_{175}^{2}\ \Phi_{25}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
126502	1692	616	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{616}^{3}\ \Phi_{308}^{2}\ \Phi_{154}^{2}\ \Phi_{88}^{3}\ \Phi_{77}^{2}\ \Phi_{56}^{6}\ \Phi_{44}^{2}\ \Phi_{28}^{4}\ \Phi_{22}^{2}\ \Phi_{14}^{4}\ \Phi_{11}^{3}\ \Phi_{8}^{6}\ \Phi_{7}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
126503	1692	539	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{539}^{3}\ \Phi_{77}^{2}\ \Phi_{49}^{6}\ \Phi_{11}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
126504	1692	1760	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{176}\ \Phi_{160}^{2}\ \Phi_{88}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
126505	1692	550	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{550}^{3}\ \Phi_{275}^{3}\ \Phi_{110}^{2}\ \Phi_{55}^{2}\ \Phi_{50}^{6}\ \Phi_{25}^{6}\ \Phi_{22}^{2}\ \Phi_{11}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
126506	1692	154	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{154}^{11}\ \Phi_{77}^{11}\ \Phi_{22}^{11}\ \Phi_{14}^{10}\ \Phi_{11}^{12}\ \Phi_{7}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
126507	1692	1776	$\frac{1}{48}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{592}\ \Phi_{444}\ \Phi_{296}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}$
126508	1692	1995	$\frac{1}{19}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{133}\ \Phi_{95}$
126509	1692	437	$\frac{14}{437}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{437}^{4}\ \Phi_{23}^{4}\ \Phi_{19}\ \Phi_{1}^{2}$
126510	1692	190	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{43}{190}$	$\frac{49}{190}$	$\Phi_{190}^{8}\ \Phi_{95}^{10}\ \Phi_{38}^{8}\ \Phi_{19}^{9}\ \Phi_{10}^{8}\ \Phi_{5}^{10}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
126511	1692	630	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{5}{21}$	$\frac{16}{63}$	$\Phi_{630}^{4}\ \Phi_{315}^{4}\ \Phi_{210}\ \Phi_{126}^{4}\ \Phi_{105}\ \Phi_{90}^{4}\ \Phi_{70}\ \Phi_{45}^{4}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{18}^{4}\ \Phi_{15}\ \Phi_{14}\ \Phi_{6}$
126512	1692	1691	$\frac{27}{1691}$	$\frac{416}{1691}$	$\frac{422}{1691}$	$\frac{425}{1691}$	$\Phi_{1691}\ \Phi_{89}\ \Phi_{19}\ \Phi_{1}^{2}$
126513	1692	2260	$\frac{9}{565}$	$\frac{139}{565}$	$\frac{1}{4}$	$\frac{142}{565}$	$\Phi_{2260}\ \Phi_{1130}\ \Phi_{452}\ \Phi_{226}\ \Phi_{20}\ \Phi_{10}$
126514	1692	748	$\frac{3}{187}$	$\frac{46}{187}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{748}^{2}\ \Phi_{374}^{2}\ \Phi_{187}^{3}\ \Phi_{68}^{2}\ \Phi_{44}^{2}\ \Phi_{34}^{2}\ \Phi_{22}^{2}\ \Phi_{17}^{3}\ \Phi_{11}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
126515	1692	240	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{240}^{9}\ \Phi_{120}^{9}\ \Phi_{80}^{9}\ \Phi_{60}^{9}\ \Phi_{40}^{9}\ \Phi_{30}^{9}\ \Phi_{20}^{7}\ \Phi_{15}^{9}\ \Phi_{10}^{7}\ \Phi_{5}^{6}$
126516	1692	396	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{396}^{4}\ \Phi_{198}^{4}\ \Phi_{132}^{4}\ \Phi_{99}^{6}\ \Phi_{66}^{4}\ \Phi_{44}^{2}\ \Phi_{36}^{4}\ \Phi_{33}^{6}\ \Phi_{22}^{2}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{11}^{3}\ \Phi_{9}^{6}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
126517	1692	204	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{204}^{8}\ \Phi_{102}^{8}\ \Phi_{68}^{6}\ \Phi_{51}^{12}\ \Phi_{34}^{6}\ \Phi_{17}^{9}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{12}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
126518	1692	560	$\frac{3}{140}$	$\frac{1}{5}$	$\frac{137}{560}$	$\frac{1}{4}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{112}^{4}\ \Phi_{80}^{4}\ \Phi_{56}^{4}\ \Phi_{40}^{4}\ \Phi_{20}\ \Phi_{16}^{4}\ \Phi_{10}\ \Phi_{8}^{4}$
126519	1692	868	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{15}{62}$	$\frac{1}{4}$	$\Phi_{868}^{3}\ \Phi_{434}\ \Phi_{217}^{2}\ \Phi_{28}^{4}\ \Phi_{14}^{2}\ \Phi_{7}^{2}$
126520	1692	580	$\frac{4}{145}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{580}^{4}\ \Phi_{290}^{4}\ \Phi_{116}^{4}\ \Phi_{58}^{4}\ \Phi_{20}\ \Phi_{10}$
126521	1692	700	$\frac{1}{35}$	$\frac{34}{175}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{700}^{4}\ \Phi_{350}^{4}\ \Phi_{100}^{4}\ \Phi_{50}^{4}\ \Phi_{20}\ \Phi_{10}$
126522	1692	280	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{280}^{9}\ \Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{40}^{9}\ \Phi_{35}^{6}\ \Phi_{20}^{7}\ \Phi_{10}^{7}\ \Phi_{5}^{6}$
126523	1692	440	$\frac{17}{440}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{440}^{4}\ \Phi_{220}^{4}\ \Phi_{110}^{4}\ \Phi_{88}^{4}\ \Phi_{55}^{4}\ \Phi_{44}^{4}\ \Phi_{40}^{4}\ \Phi_{22}^{4}\ \Phi_{20}\ \Phi_{11}^{4}\ \Phi_{10}\ \Phi_{8}^{4}$
126524	1692	980	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{980}^{3}\ \Phi_{490}^{3}\ \Phi_{140}^{2}\ \Phi_{70}^{2}\ \Phi_{20}^{3}\ \Phi_{10}^{3}$
126525	1692	160	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{160}^{12}\ \Phi_{80}^{12}\ \Phi_{40}^{12}\ \Phi_{32}^{12}\ \Phi_{20}\ \Phi_{16}^{12}\ \Phi_{10}\ \Phi_{8}^{12}$
126526	1692	2380	$\frac{31}{595}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{476}\ \Phi_{340}\ \Phi_{238}\ \Phi_{170}\ \Phi_{68}\ \Phi_{34}\ \Phi_{20}\ \Phi_{10}$
126527	1692	2240	$\frac{25}{448}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{320}\ \Phi_{280}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
126528	1692	420	$\frac{2}{35}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{140}^{4}\ \Phi_{84}^{6}\ \Phi_{70}^{4}\ \Phi_{60}^{6}\ \Phi_{42}^{6}\ \Phi_{30}^{6}\ \Phi_{28}^{4}\ \Phi_{20}^{5}\ \Phi_{14}^{4}\ \Phi_{12}^{6}\ \Phi_{10}^{5}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
126529	1692	100	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{100}^{24}\ \Phi_{50}^{12}\ \Phi_{25}^{12}\ \Phi_{20}^{17}\ \Phi_{10}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{16}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
126530	1692	1540	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1540}^{2}\ \Phi_{770}\ \Phi_{385}\ \Phi_{220}^{2}\ \Phi_{110}\ \Phi_{55}\ \Phi_{20}\ \Phi_{10}$
126531	1692	452	$\frac{5}{113}$	$\frac{18}{113}$	$\frac{19}{113}$	$\frac{1}{4}$	$\Phi_{452}^{5}\ \Phi_{226}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
126532	1692	270	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{7}{54}$	$\frac{2}{9}$	$\Phi_{270}^{8}\ \Phi_{135}^{8}\ \Phi_{90}^{5}\ \Phi_{54}^{4}\ \Phi_{45}^{5}\ \Phi_{30}^{5}\ \Phi_{27}^{4}\ \Phi_{18}\ \Phi_{15}^{5}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{6}\ \Phi_{5}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
126533	1692	2240	$\frac{25}{448}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{320}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
126534	1692	1140	$\frac{1}{19}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{1140}^{2}\ \Phi_{570}^{2}\ \Phi_{380}^{2}\ \Phi_{228}^{2}\ \Phi_{190}^{2}\ \Phi_{114}^{2}\ \Phi_{95}\ \Phi_{76}^{2}\ \Phi_{38}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
126535	1692	152	$\frac{11}{152}$	$\frac{5}{38}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{152}^{12}\ \Phi_{76}^{12}\ \Phi_{38}^{8}\ \Phi_{19}^{9}\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
126536	1692	520	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{97}{520}$	$\frac{1}{5}$	$\Phi_{520}^{3}\ \Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{104}^{4}\ \Phi_{65}^{3}\ \Phi_{52}^{4}\ \Phi_{40}^{4}\ \Phi_{26}^{4}\ \Phi_{20}^{4}\ \Phi_{13}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
126537	1692	450	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{37}{225}$	$\frac{8}{45}$	$\Phi_{450}^{5}\ \Phi_{225}^{4}\ \Phi_{150}^{5}\ \Phi_{90}\ \Phi_{75}^{4}\ \Phi_{50}^{5}\ \Phi_{45}\ \Phi_{30}\ \Phi_{25}^{4}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
126538	1693	3376	$\frac{5}{1688}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1683}{3376}$	$\Phi_{3376}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
126539	1693	3008	$\frac{1}{188}$	$\frac{189}{1504}$	$\frac{1315}{3008}$	$\frac{187}{376}$	$\Phi_{3008}\ \Phi_{376}\ \Phi_{64}\ \Phi_{8}\ \Phi_{1}$
126540	1693	2256	$\frac{1}{188}$	$\frac{563}{2256}$	$\frac{189}{752}$	$\frac{187}{376}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{564}\ \Phi_{376}\ \Phi_{282}\ \Phi_{141}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
126541	1693	2034	$\frac{2}{339}$	$\frac{341}{2034}$	$\frac{1}{3}$	$\frac{337}{678}$	$\Phi_{2034}\ \Phi_{1017}\ \Phi_{339}\ \Phi_{113}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
126542	1693	3360	$\frac{13}{1680}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1667}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
126543	1693	3360	$\frac{13}{1680}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1667}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
126544	1693	3360	$\frac{13}{1680}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1667}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
126545	1693	3348	$\frac{19}{1674}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1655}{3348}$	$\Phi_{3348}\ \Phi_{1116}\ \Phi_{372}\ \Phi_{124}\ \Phi_{108}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
126546	1693	2268	$\frac{8}{567}$	$\frac{1}{9}$	$\frac{575}{2268}$	$\frac{559}{1134}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{567}\ \Phi_{324}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{81}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
126547	1693	3328	$\frac{29}{1664}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1635}{3328}$	$\Phi_{3328}\ \Phi_{256}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
126548	1693	3312	$\frac{37}{1656}$	$\frac{1}{36}$	$\frac{35}{72}$	$\frac{1619}{3312}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
126549	1693	1944	$\frac{8}{243}$	$\frac{1}{9}$	$\frac{251}{1944}$	$\frac{235}{486}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
126550	1693	3276	$\frac{55}{1638}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1583}{3276}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}\ \Phi_{156}\ \Phi_{84}\ \Phi_{63}\ \Phi_{52}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
126551	1693	1890	$\frac{8}{189}$	$\frac{197}{1890}$	$\frac{1}{9}$	$\frac{181}{378}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
126552	1693	3240	$\frac{1}{36}$	$\frac{73}{1620}$	$\frac{35}{108}$	$\frac{1547}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
126553	1693	3240	$\frac{73}{1620}$	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{1547}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
126554	1693	3240	$\frac{73}{1620}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1547}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{81}\ \Phi_{72}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
126555	1693	2052	$\frac{17}{342}$	$\frac{1}{18}$	$\frac{359}{2052}$	$\frac{325}{684}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{513}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{108}\ \Phi_{57}\ \Phi_{54}\ \Phi_{38}\ \Phi_{27}\ \Phi_{19}\ \Phi_{1}$
126556	1693	2304	$\frac{1}{36}$	$\frac{35}{576}$	$\frac{611}{2304}$	$\frac{541}{1152}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
126557	1693	3168	$\frac{1}{36}$	$\frac{109}{1584}$	$\frac{35}{144}$	$\frac{1475}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
126558	1693	2520	$\frac{13}{840}$	$\frac{1}{12}$	$\frac{827}{2520}$	$\frac{11}{24}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
126559	1693	1728	$\frac{35}{1728}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
126560	1693	2016	$\frac{13}{336}$	$\frac{1}{12}$	$\frac{323}{2016}$	$\frac{11}{24}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
126561	1693	1920	$\frac{13}{240}$	$\frac{1}{12}$	$\frac{227}{1920}$	$\frac{11}{24}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
126562	1693	1800	$\frac{107}{1800}$	$\frac{1}{12}$	$\frac{13}{120}$	$\frac{11}{24}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
126563	1693	1848	$\frac{13}{168}$	$\frac{1}{12}$	$\frac{155}{1848}$	$\frac{11}{24}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
126564	1693	1728	$\frac{35}{1728}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
126565	1693	1782	$\frac{89}{1782}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{162}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{99}\ \Phi_{81}\ \Phi_{66}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
126566	1693	3024	$\frac{1}{36}$	$\frac{181}{1512}$	$\frac{35}{216}$	$\frac{1331}{3024}$	Φ_{3024} Φ_{1008} Φ_{432} Φ_{336} Φ_{216} Φ_{144} Φ_{112} Φ_{108} Φ_{72} Φ_{54} Φ_{48} Φ_{27} Φ_{24} Φ_{16} Φ_{8} Φ_{1}
126567	1693	3024	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{181}{1512}$	$\frac{1331}{3024}$	Φ_{3024} Φ_{1008} Φ_{432} Φ_{336} Φ_{189} Φ_{144} Φ_{112} Φ_{63} Φ_{48} Φ_{27} Φ_{21} Φ_{16} Φ_{7} Φ_{1}
126568	1693	1764	$\frac{71}{1764}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	Φ_{1764} Φ_{882} Φ_{588} Φ_{441} Φ_{294} Φ_{252} Φ_{196} Φ_{147} Φ_{98} Φ_{84} Φ_{63} Φ_{49} Φ_{36} Φ_{28} Φ_{21} Φ_{12} Φ_{7} Φ_{4} Φ_{1}
126569	1693	1710	$\frac{17}{1710}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	Φ_{1710} Φ_{855} Φ_{570} Φ_{342} Φ_{285} Φ_{190} Φ_{171} Φ_{114} Φ_{95} Φ_{90} Φ_{57} Φ_{45} Φ_{38} Φ_{19} Φ_{18} Φ_{15} Φ_{9} Φ_{5} Φ_{1}
126570	1693	2968	$\frac{3}{212}$	$\frac{209}{1484}$	$\frac{1}{4}$	$\frac{1275}{2968}$	Φ_{2968} Φ_{424} Φ_{212} Φ_{106} Φ_{56} Φ_{53} Φ_{8} Φ_{1}
126571	1693	2916	$\frac{8}{243}$	$\frac{1}{9}$	$\frac{235}{1458}$	$\frac{1223}{2916}$	Φ_{2916} Φ_{972} Φ_{324} Φ_{243} Φ_{108} Φ_{81} Φ_{36} Φ_{27} Φ_{12} Φ_{4} Φ_{1}
126572	1693	2880	$\frac{1}{36}$	$\frac{35}{288}$	$\frac{253}{1440}$	$\frac{1187}{2880}$	Φ_{2880} Φ_{960} Φ_{576} Φ_{320} Φ_{288} Φ_{192} Φ_{144} Φ_{96} Φ_{72} Φ_{64} Φ_{48} Φ_{32} Φ_{24} Φ_{16} Φ_{8} Φ_{1}
126573	1693	1800	$\frac{1}{18}$	$\frac{107}{1800}$	$\frac{17}{90}$	$\frac{73}{180}$	Φ_{1800} Φ_{900} Φ_{600} Φ_{450} Φ_{360} Φ_{300} Φ_{225} Φ_{200} Φ_{150} Φ_{120} Φ_{100} Φ_{90} Φ_{75} Φ_{72} Φ_{50} Φ_{45} Φ_{40} Φ_{30} Φ_{25} Φ_{24} Φ_{15} Φ_{10} Φ_{8} Φ_{5} Φ_{1}
126574	1693	2736	$\frac{17}{342}$	$\frac{1}{18}$	$\frac{325}{1368}$	$\frac{1043}{2736}$	Φ_{2736} Φ_{912} Φ_{342} Φ_{304} Φ_{171} Φ_{144} Φ_{114} Φ_{57} Φ_{48} Φ_{38} Φ_{19} Φ_{16} Φ_{1}
126575	1693	2712	$\frac{2}{339}$	$\frac{337}{1356}$	$\frac{1}{3}$	$\frac{1019}{2712}$	Φ_{2712} Φ_{904} Φ_{339} Φ_{113} Φ_{24} Φ_{8} Φ_{1}
126576	1693	1728	$\frac{35}{1728}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	Φ_{1728} Φ_{864} Φ_{576} Φ_{432} Φ_{288} Φ_{216} Φ_{192} Φ_{144} Φ_{108} Φ_{96} Φ_{72} Φ_{64} Φ_{48} Φ_{36} Φ_{32} Φ_{27} Φ_{24} Φ_{16} Φ_{12} Φ_{8} Φ_{4} Φ_{1}
126577	1693	2592	$\frac{1}{36}$	$\frac{35}{432}$	$\frac{397}{1296}$	$\frac{899}{2592}$	Φ_{2592} Φ_{864} Φ_{432} Φ_{288} Φ_{216} Φ_{144} Φ_{108} Φ_{96} Φ_{72} Φ_{54} Φ_{48} Φ_{32} Φ_{27} Φ_{24} Φ_{16} Φ_{8} Φ_{1}
126578	1693	2544	$\frac{3}{424}$	$\frac{1}{4}$	$\frac{421}{1272}$	$\frac{851}{2544}$	Φ_{2544} Φ_{848} Φ_{424} Φ_{212} Φ_{106} Φ_{53} Φ_{48} Φ_{16} Φ_{8} Φ_{1}
126579	1693	2520	$\frac{13}{840}$	$\frac{2}{15}$	$\frac{827}{2520}$	$\frac{1}{3}$	Φ_{2520} Φ_{1260} Φ_{630} Φ_{504} Φ_{360} Φ_{315} Φ_{252} Φ_{180} Φ_{126} Φ_{90} Φ_{72} Φ_{63} Φ_{45} Φ_{36} Φ_{18} Φ_{15} Φ_{9} Φ_{5} Φ_{1}
126580	1693	1740	$\frac{47}{1740}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	Φ_{1740} Φ_{870} Φ_{580} Φ_{435} Φ_{348} Φ_{290} Φ_{174} Φ_{145} Φ_{116} Φ_{87} Φ_{58} Φ_{29} Φ_{15} Φ_{5} Φ_{1}
126581	1693	2100	$\frac{13}{420}$	$\frac{2}{15}$	$\frac{407}{2100}$	$\frac{1}{3}$	Φ_{2100} Φ_{1050} Φ_{700} Φ_{525} Φ_{350} Φ_{300} Φ_{175} Φ_{150} Φ_{100} Φ_{75} Φ_{50} Φ_{25} Φ_{15} Φ_{5} Φ_{1}
126582	1693	1785	$\frac{92}{1785}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	Φ_{1785} Φ_{595} Φ_{357} Φ_{255} Φ_{119} Φ_{85} Φ_{51} Φ_{17} Φ_{15} Φ_{5} Φ_{1}
126583	1693	1920	$\frac{13}{240}$	$\frac{227}{1920}$	$\frac{2}{15}$	$\frac{1}{3}$	Φ_{1920} Φ_{960} Φ_{640} Φ_{480} Φ_{384} Φ_{320} Φ_{192} Φ_{160} Φ_{128} Φ_{96} Φ_{64} Φ_{32} Φ_{15} Φ_{5} Φ_{1}
126584	1693	1800	$\frac{107}{1800}$	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{3}$	Φ_{1800} Φ_{900} Φ_{600} Φ_{450} Φ_{360} Φ_{300} Φ_{225} Φ_{200} Φ_{180} Φ_{150} Φ_{100} Φ_{90} Φ_{75} Φ_{72} Φ_{50} Φ_{45} Φ_{36} Φ_{25} Φ_{18} Φ_{15} Φ_{9} Φ_{5} Φ_{1}
126585	1693	1890	$\frac{13}{210}$	$\frac{197}{1890}$	$\frac{2}{15}$	$\frac{1}{3}$	Φ_{1890} Φ_{945} Φ_{630} Φ_{378} Φ_{315} Φ_{270} Φ_{189} Φ_{135} Φ_{126} Φ_{90} Φ_{63} Φ_{54} Φ_{45} Φ_{27} Φ_{18} Φ_{15} Φ_{9} Φ_{5} Φ_{1}
126586	1693	2511	$\frac{19}{837}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{818}{2511}$	Φ_{2511} Φ_{81} Φ_{27} Φ_{1}
126587	1693	1944	$\frac{1}{36}$	$\frac{251}{1944}$	$\frac{73}{324}$	$\frac{35}{108}$	Φ_{1944} Φ_{972} Φ_{648} Φ_{486} Φ_{243} Φ_{216} Φ_{108} Φ_{72} Φ_{54} Φ_{27} Φ_{24} Φ_{8} Φ_{1}
126588	1693	2160	$\frac{1}{36}$	$\frac{73}{540}$	$\frac{467}{2160}$	$\frac{35}{108}$	Φ_{2160} Φ_{1080} Φ_{720} Φ_{432} Φ_{360} Φ_{240} Φ_{216} Φ_{144} Φ_{120} Φ_{108} Φ_{80} Φ_{72} Φ_{54} Φ_{48} Φ_{40} Φ_{27} Φ_{24} Φ_{16} Φ_{8} Φ_{1}
126589	1693	2187	$\frac{8}{243}$	$\frac{1}{9}$	$\frac{494}{2187}$	$\frac{235}{729}$	Φ_{2187} Φ_{243} Φ_{81} Φ_{27} Φ_{1}
126590	1693	2496	$\frac{29}{832}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{803}{2496}$	Φ_{2496} Φ_{1248} Φ_{624} Φ_{312} Φ_{192} Φ_{156} Φ_{96} Φ_{78} Φ_{48} Φ_{39} Φ_{32} Φ_{24} Φ_{16} Φ_{12} Φ_{8} Φ_{6} Φ_{3} Φ_{1}
126591	1693	2457	$\frac{55}{819}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{764}{2457}$	Φ_{2457} Φ_{351} Φ_{189} Φ_{63} Φ_{27} Φ_{21} Φ_{7} Φ_{1}
126592	1693	2430	$\frac{1}{18}$	$\frac{73}{810}$	$\frac{17}{90}$	$\frac{737}{2430}$	Φ_{2430} Φ_{1215} Φ_{486} Φ_{243} Φ_{90} Φ_{45} Φ_{30} Φ_{15} Φ_{10} Φ_{5} Φ_{1}
126593	1693	2430	$\frac{73}{810}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{737}{2430}$	Φ_{2430} Φ_{1215} Φ_{486} Φ_{243} Φ_{81} Φ_{27} Φ_{1}
126594	1693	1728	$\frac{35}{1728}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	Φ_{1728} Φ_{864} Φ_{576} Φ_{432} Φ_{288} Φ_{216} Φ_{192} Φ_{144} Φ_{108} Φ_{96} Φ_{72} Φ_{64} Φ_{54} Φ_{36} Φ_{32} Φ_{27} Φ_{18} Φ_{16} Φ_{9} Φ_{8} Φ_{1}
126595	1693	1890	$\frac{1}{18}$	$\frac{197}{1890}$	$\frac{17}{90}$	$\frac{73}{270}$	Φ_{1890} Φ_{945} Φ_{630} Φ_{378} Φ_{315} Φ_{210} Φ_{189} Φ_{126} Φ_{105} Φ_{90} Φ_{70} Φ_{63} Φ_{45} Φ_{42} Φ_{35} Φ_{30} Φ_{21} Φ_{15} Φ_{14} Φ_{10} Φ_{7} Φ_{5} Φ_{1}
126596	1693	2268	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{181}{756}$	$\frac{575}{2268}$	Φ_{2268} Φ_{1134} Φ_{567} Φ_{324} Φ_{189} Φ_{162} Φ_{81} Φ_{63} Φ_{27} Φ_{21} Φ_{7} Φ_{1}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
126597	1693	2240	$\frac{13}{560}$	$\frac{3}{16}$	$\frac{547}{2240}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
126598	1693	1792	$\frac{99}{1792}$	$\frac{3}{32}$	$\frac{29}{128}$	$\frac{1}{4}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
126599	1693	1760	$\frac{67}{1760}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
126600	1693	2016	$\frac{13}{336}$	$\frac{323}{2016}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
126601	1693	1920	$\frac{13}{240}$	$\frac{227}{1920}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
126602	1693	1792	$\frac{99}{1792}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
126603	1693	2080	$\frac{29}{416}$	$\frac{3}{32}$	$\frac{387}{2080}$	$\frac{1}{4}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{160}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
126604	1693	1944	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{251}{1944}$	$\frac{73}{324}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{81}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
126605	1693	2160	$\frac{1}{18}$	$\frac{73}{540}$	$\frac{17}{90}$	$\frac{467}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
126606	1693	2025	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{332}{2025}$	$\frac{73}{405}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{225}\ \Phi_{81}\ \Phi_{75}\ \Phi_{27}\ \Phi_{25}\ \Phi_1$
126607	1694	5064	$\frac{3}{844}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{841}{1688}$	$\Phi_{5064}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
126608	1694	2892	$\frac{1}{241}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{120}{241}$	$\Phi_{2892}\ \Phi_{964}\ \Phi_{241}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
126609	1694	2169	$\frac{1}{241}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{120}{241}$	$\Phi_{2169}\ \Phi_{241}\ \Phi_9^2\ \Phi_1^2$
126610	1694	3060	$\frac{1}{153}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{76}{153}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{204}\ \Phi_{180}\ \Phi_{153}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{36}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
126611	1694	765	$\frac{1}{153}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{76}{153}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^3\ \Phi_{85}^2\ \Phi_{51}^3\ \Phi_{45}^2\ \Phi_{17}^3\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
126612	1694	3120	$\frac{1}{120}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{119}{240}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}^2\ \Phi_{208}\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_1^2$
126613	1694	240	$\frac{1}{120}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{119}{240}$	$\Phi_{240}^{14}\ \Phi_{80}^{14}\ \Phi_{48}^{14}\ \Phi_{24}\ \Phi_{16}^{14}\ \Phi_{12}\ \Phi_6$
126614	1694	648	$\frac{1}{81}$	$\frac{1}{8}$	$\frac{41}{162}$	$\frac{40}{81}$	$\Phi_{648}^3\ \Phi_{324}^3\ \Phi_{216}^3\ \Phi_{162}\ \Phi_{108}^3\ \Phi_{81}^2\ \Phi_{72}^3\ \Phi_{54}\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
126615	1694	3192	$\frac{1}{76}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{75}{152}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{168}\ \Phi_{152}^2\ \Phi_{56}\ \Phi_{24}\ \Phi_{21}\ \Phi_8^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
126616	1694	456	$\frac{1}{76}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{75}{152}$	$\Phi_{456}^7\ \Phi_{152}^8\ \Phi_{24}^7\ \Phi_{12}^2\ \Phi_8^8\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
126617	1694	1064	$\frac{1}{76}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{75}{152}$	$\Phi_{1064}^3\ \Phi_{152}^4\ \Phi_{56}^3\ \Phi_{14}^2\ \Phi_8^4\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
126618	1694	4992	$\frac{15}{832}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{817}{1664}$	$\Phi_{4992}\ \Phi_{384}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
126619	1694	3450	$\frac{2}{75}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{3450}\ \Phi_{1150}\ \Phi_{690}\ \Phi_{230}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
126620	1694	300	$\frac{2}{75}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{73}{150}$	$\Phi_{300}^6\ \Phi_{150}^4\ \Phi_{100}^6\ \Phi_{75}^6\ \Phi_{60}^7\ \Phi_{50}^4\ \Phi_{30}^5\ \Phi_{25}^6\ \Phi_{20}^7\ \Phi_{15}^7\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
126621	1694	372	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{16}{93}$	$\frac{15}{31}$	$\Phi_{372}^5\ \Phi_{186}^5\ \Phi_{124}^5\ \Phi_{93}^3\ \Phi_{62}^5\ \Phi_{31}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
126622	1694	936	$\frac{4}{117}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{113}{234}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{72}^3\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
126623	1694	1080	$\frac{1}{27}$	$\frac{14}{135}$	$\frac{1}{8}$	$\frac{13}{27}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{108}\ \Phi_{90}^2\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{54}\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
126624	1694	2392	$\frac{1}{26}$	$\frac{1}{23}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{2392}\ \Phi_{598}\ \Phi_{299}\ \Phi_{184}\ \Phi_{46}$
126625	1694	798	$\frac{1}{38}$	$\frac{1}{21}$	$\frac{37}{114}$	$\frac{10}{21}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{42}^2\ \Phi_{38}^2\ \Phi_{21}^3\ \Phi_{19}^2\ \Phi_{14}^2\ \Phi_7^3\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
126626	1694	1680	$\frac{3}{80}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}^2\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
126627	1694	1995	$\frac{1}{21}$	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{10}{21}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{285}\ \Phi_{105}\ \Phi_{95}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
126628	1694	798	$\frac{1}{21}$	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{10}{21}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{42}^2\ \Phi_{38}^4\ \Phi_{21}^3\ \Phi_{19}^4\ \Phi_{14}^2\ \Phi_7^3\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
126629	1694	168	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{10}{21}$	$\Phi_{168}^{11}\ \Phi_{84}^{8}\ \Phi_{56}^{11}\ \Phi_{42}^{8}\ \Phi_{28}^{8}\ \Phi_{24}^{15}\ \Phi_{21}^{9}\ \Phi_{14}^{8}\ \Phi_{12}^{11}\ \Phi_{8}^{14}\ \Phi_{7}^{9}\ \Phi_{6}^{11}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
126630	1694	864	$\frac{17}{864}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{864}^{2}\ \Phi_{432}^{2}\ \Phi_{288}^{2}\ \Phi_{216}^{2}\ \Phi_{144}^{2}\ \Phi_{108}^{2}\ \Phi_{96}\ \Phi_{72}^{2}\ \Phi_{54}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{32}^{2}\ \Phi_{27}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126631	1694	1590	$\frac{1}{53}$	$\frac{52}{795}$	$\frac{1}{3}$	$\frac{743}{1590}$	$\Phi_{1590}^{2}\ \Phi_{530}^{2}\ \Phi_{318}^{2}\ \Phi_{159}\ \Phi_{106}^{2}\ \Phi_{30}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
126632	1694	3312	$\frac{1}{23}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
126633	1694	1599	$\frac{2}{123}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}^{2}\ \Phi_{41}^{2}\ \Phi_{13}\ \Phi_{1}^{2}$
126634	1694	2340	$\frac{1}{60}$	$\frac{1}{13}$	$\frac{59}{180}$	$\frac{6}{13}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{234}\ \Phi_{180}^{2}\ \Phi_{117}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{13}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
126635	1694	1612	$\frac{3}{124}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{1612}\ \Phi_{806}\ \Phi_{403}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{13}\ \Phi_{1}^{2}$
126636	1694	2080	$\frac{1}{40}$	$\frac{1}{13}$	$\frac{39}{160}$	$\frac{6}{13}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{416}\ \Phi_{208}\ \Phi_{160}^{2}\ \Phi_{80}^{2}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{13}\ \Phi_{1}^{2}$
126637	1694	1625	$\frac{4}{125}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{1625}\ \Phi_{325}\ \Phi_{125}^{2}\ \Phi_{25}^{2}\ \Phi_{13}\ \Phi_{1}^{2}$
126638	1694	1950	$\frac{1}{30}$	$\frac{1}{13}$	$\frac{29}{150}$	$\frac{6}{13}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{325}\ \Phi_{150}^{2}\ \Phi_{75}^{2}\ \Phi_{50}^{2}\ \Phi_{25}^{2}\ \Phi_{13}\ \Phi_{1}^{2}$
126639	1694	1638	$\frac{5}{126}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{234}\ \Phi_{182}\ \Phi_{126}^{2}\ \Phi_{117}\ \Phi_{91}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{13}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
126640	1694	1872	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{23}{144}$	$\frac{6}{13}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}^{2}\ \Phi_{117}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{13}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
126641	1694	1820	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{19}{140}$	$\frac{6}{13}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{182}\ \Phi_{140}^{2}\ \Phi_{91}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{13}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
126642	1694	1664	$\frac{7}{128}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{6}{13}$	$\Phi_{1664}\ \Phi_{832}\ \Phi_{416}\ \Phi_{208}\ \Phi_{128}^{2}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{13}\ \Phi_{1}^{2}$
126643	1694	1755	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{14}{135}$	$\frac{6}{13}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{135}^{2}\ \Phi_{117}\ \Phi_{45}^{2}\ \Phi_{27}^{2}\ \Phi_{13}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
126644	1694	130	$\frac{9}{130}$	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{6}{13}$	$\Phi_{130}^{13}\ \Phi_{65}^{13}\ \Phi_{26}^{13}\ \Phi_{13}^{14}\ \Phi_{10}^{12}\ \Phi_{5}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
126645	1694	156	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{6}{13}$	$\Phi_{156}^{10}\ \Phi_{78}^{10}\ \Phi_{52}^{10}\ \Phi_{39}^{10}\ \Phi_{26}^{10}\ \Phi_{13}^{11}\ \Phi_{12}^{20}\ \Phi_{6}^{20}\ \Phi_{4}^{20}\ \Phi_{3}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{22}$
126646	1694	1693	$\frac{83}{1693}$	$\frac{133}{1693}$	$\frac{230}{1693}$	$\frac{780}{1693}$	$\Phi_{1693}\ \Phi_{1}^{2}$
126647	1694	1693	$\frac{131}{1693}$	$\frac{141}{1693}$	$\frac{142}{1693}$	$\frac{776}{1693}$	$\Phi_{1693}\ \Phi_{1}^{2}$
126648	1694	1860	$\frac{12}{155}$	$\frac{1}{12}$	$\frac{13}{155}$	$\frac{71}{155}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{465}\ \Phi_{372}\ \Phi_{310}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
126649	1694	648	$\frac{4}{81}$	$\frac{7}{81}$	$\frac{1}{8}$	$\frac{37}{81}$	$\Phi_{648}^{3}\ \Phi_{324}^{3}\ \Phi_{216}^{3}\ \Phi_{162}^{3}\ \Phi_{108}^{3}\ \Phi_{72}^{3}\ \Phi_{54}^{3}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
126650	1694	780	$\frac{1}{78}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{780}^{4}\ \Phi_{260}^{4}\ \Phi_{156}^{4}\ \Phi_{78}^{2}\ \Phi_{60}^{3}\ \Phi_{52}^{4}\ \Phi_{39}^{2}\ \Phi_{26}^{2}\ \Phi_{20}^{4}\ \Phi_{13}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126651	1694	1020	$\frac{1}{51}$	$\frac{1}{10}$	$\frac{25}{102}$	$\frac{9}{20}$	$\Phi_{1020}^{3}\ \Phi_{340}^{3}\ \Phi_{204}^{3}\ \Phi_{102}^{2}\ \Phi_{68}^{3}\ \Phi_{60}^{3}\ \Phi_{51}\ \Phi_{34}^{2}\ \Phi_{20}^{4}\ \Phi_{17}\ \Phi_{12}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126652	1694	1020	$\frac{2}{51}$	$\frac{1}{10}$	$\frac{7}{51}$	$\frac{9}{20}$	$\Phi_{1020}^{3}\ \Phi_{340}^{3}\ \Phi_{204}^{3}\ \Phi_{68}^{3}\ \Phi_{60}^{3}\ \Phi_{51}^{3}\ \Phi_{20}^{4}\ \Phi_{17}^{3}\ \Phi_{12}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
126653	1694	920	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{920}^{2}\ \Phi_{460}\ \Phi_{230}^{2}\ \Phi_{184}^{3}\ \Phi_{115}^{2}\ \Phi_{92}^{2}\ \Phi_{46}^{3}\ \Phi_{23}^{2}$
126654	1694	1620	$\frac{4}{81}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{1620}^{2}\ \Phi_{540}^{2}\ \Phi_{324}^{2}\ \Phi_{180}\ \Phi_{108}^{2}\ \Phi_{81}^{2}\ \Phi_{60}\ \Phi_{36}\ \Phi_{27}^{2}\ \Phi_{20}^{2}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
126655	1694	340	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{340}^{9}\ \Phi_{85}^{2}\ \Phi_{68}^{9}\ \Phi_{20}^{10}\ \Phi_{17}\ \Phi_{5}^{2}\ \Phi_{4}^{10}\ \Phi_{1}^{2}$
126656	1694	3060	$\frac{10}{153}$	$\frac{13}{153}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{204}\ \Phi_{180}\ \Phi_{153}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{36}\ \Phi_{20}^{2}\ \Phi_{17}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
126657	1694	60	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{60}^{26}\ \Phi_{30}^{31}\ \Phi_{20}^{27}\ \Phi_{15}^{30}\ \Phi_{12}^{25}\ \Phi_{10}^{31}\ \Phi_{6}^{30}\ \Phi_{5}^{30}\ \Phi_{4}^{26}\ \Phi_{3}^{29}\ \Phi_{2}^{30}\ \Phi_{1}^{30}$
126658	1694	504	$\frac{5}{126}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{168}^{4}\ \Phi_{126}^{2}\ \Phi_{84}^{4}\ \Phi_{72}^{3}\ \Phi_{63}^{2}\ \Phi_{56}^{4}\ \Phi_{42}^{2}\ \Phi_{36}^{3}\ \Phi_{28}^{4}\ \Phi_{24}^{3}\ \Phi_{21}^{2}\ \Phi_{18}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
126659	1694	216	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{1}{8}$	$\frac{95}{216}$	$\Phi_{216}^{7}\ \Phi_{108}^{9}\ \Phi_{72}^{7}\ \Phi_{54}^{9}\ \Phi_{36}^{9}\ \Phi_{27}^{8}\ \Phi_{24}^{7}\ \Phi_{18}^{9}\ \Phi_{12}^{9}\ \Phi_{9}^{8}\ \Phi_{8}^{6}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
126660	1694	1693	$\frac{87}{1693}$	$\frac{146}{1693}$	$\frac{221}{1693}$	$\frac{736}{1693}$	$\Phi_{1693}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
126661	1694	1860	$\frac{8}{155}$	$\frac{1}{12}$	$\frac{21}{155}$	$\frac{67}{155}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{465}\ \Phi_{372}\ \Phi_{310}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
126662	1694	636	$\frac{1}{106}$	$\frac{15}{106}$	$\frac{1}{3}$	$\frac{91}{212}$	$\Phi_{636}^7\ \Phi_{318}\ \Phi_{159}\ \Phi_{12}^7\ \Phi_6$
126663	1694	732	$\frac{1}{122}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{732}^4\ \Phi_{366}\ \Phi_{244}^4\ \Phi_{183}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
126664	1694	2892	$\frac{10}{241}$	$\frac{21}{241}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2892}\ \Phi_{964}\ \Phi_{241}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
126665	1694	276	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{276}^6\ \Phi_{138}^7\ \Phi_{92}^6\ \Phi_{69}^7\ \Phi_{46}^7\ \Phi_{23}^6$
126666	1694	2990	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{2990}\ \Phi_{598}\ \Phi_{299}\ \Phi_{230}\ \Phi_{46}$
126667	1694	610	$\frac{1}{122}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{610}^3\ \Phi_{305}^3\ \Phi_{122}^2\ \Phi_{61}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_1^2$
126668	1694	240	$\frac{3}{80}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{80}^6\ \Phi_{60}^7\ \Phi_{48}^8\ \Phi_{40}^6\ \Phi_{30}^7\ \Phi_{24}^8\ \Phi_{20}^5\ \Phi_{16}^6\ \Phi_{15}^7\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_8^6\ \Phi_6^6\ \Phi_5^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
126669	1694	2790	$\frac{1}{155}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{2790}\ \Phi_{930}\ \Phi_{558}\ \Phi_{465}\ \Phi_{310}\ \Phi_{186}\ \Phi_{93}\ \Phi_{90}\ \Phi_{62}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
126670	1694	372	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{15}{62}$	$\frac{47}{124}$	$\Phi_{372}^5\ \Phi_{186}^5\ \Phi_{124}^3\ \Phi_{93}^5\ \Phi_{62}^5\ \Phi_{31}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
126671	1694	2480	$\frac{1}{155}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{2480}\ \Phi_{620}\ \Phi_{496}\ \Phi_{310}\ \Phi_{124}\ \Phi_{80}\ \Phi_{62}\ \Phi_{20}\ \Phi_{10}$
126672	1694	1272	$\frac{1}{212}$	$\frac{211}{636}$	$\frac{1}{3}$	$\frac{425}{1272}$	$\Phi_{1272}^2\ \Phi_{636}\ \Phi_{424}^2\ \Phi_{318}\ \Phi_{159}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_6$
126673	1694	1098	$\frac{1}{122}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1098}^2\ \Phi_{549}^2\ \Phi_{366}\ \Phi_{183}\ \Phi_{18}^2\ \Phi_6$
126674	1694	984	$\frac{2}{123}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{984}^2\ \Phi_{492}^2\ \Phi_{328}^2\ \Phi_{246}^2\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
126675	1694	360	$\frac{1}{60}$	$\frac{1}{8}$	$\frac{59}{180}$	$\frac{1}{3}$	$\Phi_{360}^8\ \Phi_{180}^6\ \Phi_{90}^6\ \Phi_{72}^8\ \Phi_{45}^6\ \Phi_{36}^6\ \Phi_{24}\ \Phi_{18}^6\ \Phi_{12}\ \Phi_9^6\ \Phi_6$
126676	1694	954	$\frac{1}{53}$	$\frac{107}{954}$	$\frac{52}{159}$	$\frac{1}{3}$	$\Phi_{954}^2\ \Phi_{477}^2\ \Phi_{318}^2\ \Phi_{159}\ \Phi_{106}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_2^2$
126677	1694	228	$\frac{1}{38}$	$\frac{1}{12}$	$\frac{37}{114}$	$\frac{1}{3}$	$\Phi_{228}^8\ \Phi_{114}^7\ \Phi_{76}^8\ \Phi_{57}^7\ \Phi_{38}^6\ \Phi_{19}^6\ \Phi_{12}^{10}\ \Phi_6^9\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
126678	1694	1248	$\frac{15}{416}$	$\frac{1}{16}$	$\frac{401}{1248}$	$\frac{1}{3}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}^2\ \Phi_{312}\ \Phi_{208}^2\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{32}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
126679	1694	240	$\frac{3}{80}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{240}^{11}\ \Phi_{120}^{11}\ \Phi_{60}^{11}\ \Phi_{48}^9\ \Phi_{30}^{11}\ \Phi_{24}^9\ \Phi_{15}^{11}\ \Phi_{12}^9\ \Phi_6^9\ \Phi_3^8$
126680	1694	864	$\frac{17}{864}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
126681	1694	390	$\frac{1}{78}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{390}^4\ \Phi_{195}^4\ \Phi_{130}^4\ \Phi_{78}^6\ \Phi_{65}^4\ \Phi_{39}^6\ \Phi_{30}^4\ \Phi_{26}^6\ \Phi_{15}^3\ \Phi_{13}^6\ \Phi_{10}^4\ \Phi_6^6\ \Phi_5^2\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
126682	1694	744	$\frac{3}{124}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{744}^4\ \Phi_{372}^3\ \Phi_{186}^3\ \Phi_{93}^3\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
126683	1694	240	$\frac{3}{80}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{80}^8\ \Phi_{60}^7\ \Phi_{48}^7\ \Phi_{40}^8\ \Phi_{30}^7\ \Phi_{24}^7\ \Phi_{20}^8\ \Phi_{16}^8\ \Phi_{15}^7\ \Phi_{12}^2\ \Phi_{10}^8\ \Phi_8^8\ \Phi_6^2\ \Phi_5^8\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
126684	1694	480	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{39}{160}$	$\frac{1}{3}$	$\Phi_{480}^7\ \Phi_{240}^7\ \Phi_{96}^7\ \Phi_{48}^7\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
126685	1694	384	$\frac{7}{128}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{384}^7\ \Phi_{192}^6\ \Phi_{96}^6\ \Phi_{48}^7\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
126686	1694	2169	$\frac{10}{241}$	$\frac{21}{241}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2169}\ \Phi_{241}\ \Phi_9^2\ \Phi_1^2$
126687	1694	828	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{828}^3\ \Phi_{414}^3\ \Phi_{276}\ \Phi_{207}^2\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
126688	1694	3180	$\frac{1}{53}$	$\frac{52}{265}$	$\frac{213}{1060}$	$\frac{1}{3}$	$\Phi_{3180}\ \Phi_{1590}\ \Phi_{636}\ \Phi_{318}\ \Phi_{159}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}\ \Phi_6$
126689	1694	3000	$\frac{4}{125}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
126690	1694	600	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{29}{150}$	$\frac{1}{3}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{200}^4\ \Phi_{150}^2\ \Phi_{100}^4\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
126691	1694	1140	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{18}{95}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{285}\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
126692	1694	3120	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{193}{1040}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{240}\ \Phi_{195}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
126693	1694	240	$\frac{3}{80}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{240}^{11}\ \Phi_{120}^{10}\ \Phi_{60}^{10}\ \Phi_{48}^{11}\ \Phi_{30}^{10}\ \Phi_{24}^{11}\ \Phi_{15}^{10}\ \Phi_{12}^{11}\ \Phi_6^{11}\ \Phi_3^{10}$
126694	1694	504	$\frac{5}{126}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^2\ \Phi_{84}^4\ \Phi_{72}^4\ \Phi_{63}^2\ \Phi_{56}^4\ \Phi_{42}^2\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_7^2\ \Phi_6$
126695	1694	144	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{23}{144}$	$\frac{1}{3}$	$\Phi_{144}^{14}\ \Phi_{72}^{14}\ \Phi_{48}^{14}\ \Phi_{36}^{14}\ \Phi_{24}\ \Phi_{18}^{14}\ \Phi_{16}^{14}\ \Phi_{12}\ \Phi_9^{14}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
126696	1694	2070	$\frac{1}{23}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{414}\ \Phi_{230}\ \Phi_{207}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
126697	1694	840	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{19}{140}$	$\frac{1}{3}$	$\Phi_{840}^4\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{168}^4\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{24}\ \Phi_{21}^3\ \Phi_{12}\ \Phi_6$
126698	1694	2040	$\frac{13}{255}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{34}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
126699	1694	228	$\frac{3}{38}$	$\frac{1}{12}$	$\frac{5}{38}$	$\frac{1}{3}$	$\Phi_{228}^8\ \Phi_{114}^6\ \Phi_{76}^8\ \Phi_{57}^6\ \Phi_{38}^8\ \Phi_{19}^8\ \Phi_{12}^{10}\ \Phi_6^8\ \Phi_4^{10}\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
126700	1694	2544	$\frac{67}{848}$	$\frac{71}{848}$	$\frac{111}{848}$	$\frac{1}{3}$	$\Phi_{2544}\ \Phi_{1272}\ \Phi_{636}\ \Phi_{318}\ \Phi_{159}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
126701	1694	384	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{384}^7\ \Phi_{192}^7\ \Phi_{96}^7\ \Phi_{48}^7\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
126702	1694	960	$\frac{7}{120}$	$\frac{113}{960}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
126703	1694	1080	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
126704	1694	1560	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1560}^2\ \Phi_{780}^2\ \Phi_{390}\ \Phi_{312}^2\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
126705	1694	24	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{24}^{81}\ \Phi_{12}^{61}\ \Phi_8^{80}\ \Phi_6^{61}\ \Phi_4^{60}\ \Phi_3^{60}\ \Phi_2^{60}\ \Phi_1^{60}$
126706	1694	798	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{37}{114}$	$\Phi_{798}^3\ \Phi_{399}^3\ \Phi_{114}^4\ \Phi_{57}^4\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_7\ \Phi_6^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^2$
126707	1694	900	$\frac{4}{75}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{71}{225}$	$\Phi_{900}^3\ \Phi_{450}^3\ \Phi_{225}^2\ \Phi_{180}^3\ \Phi_{90}^3\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{10}\ \Phi_9^2$
126708	1694	2808	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{109}{351}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
126709	1694	2484	$\frac{1}{23}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{621}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
126710	1694	2070	$\frac{1}{23}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{138}\ \Phi_{115}\ \Phi_{69}\ \Phi_{46}$
126711	1694	510	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{25}{102}$	$\frac{4}{15}$	$\Phi_{510}^4\ \Phi_{255}^2\ \Phi_{170}^4\ \Phi_{102}^6\ \Phi_{85}^2\ \Phi_{51}^3\ \Phi_{34}^6\ \Phi_{30}^4\ \Phi_{17}^3\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_6^6\ \Phi_5^2\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
126712	1694	255	$\frac{2}{51}$	$\frac{7}{51}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{255}^6\ \Phi_{85}^6\ \Phi_{51}^9\ \Phi_{17}^9\ \Phi_{15}^7\ \Phi_5^6\ \Phi_3^{10}\ \Phi_1^{10}$
126713	1694	2760	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{46}$
126714	1694	405	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^6\ \Phi_{45}^2\ \Phi_{27}^6\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
126715	1694	255	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{255}^9\ \Phi_{85}^2\ \Phi_{51}^9\ \Phi_{17}\ \Phi_{15}^{10}\ \Phi_5^2\ \Phi_3^{10}\ \Phi_1^2$
126716	1694	765	$\frac{10}{153}$	$\frac{13}{153}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^3\ \Phi_{85}^2\ \Phi_{51}^3\ \Phi_{45}^2\ \Phi_{17}^3\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
126717	1694	60	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{60}^{31}\ \Phi_{30}^{31}\ \Phi_{20}^{31}\ \Phi_{15}^{21}\ \Phi_{12}^{30}\ \Phi_{10}^{31}\ \Phi_6^{30}\ \Phi_5^{20}\ \Phi_4^{30}\ \Phi_3^{20}\ \Phi_2^{30}\ \Phi_1^{20}$
126718	1694	648	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{13}{54}$	$\frac{41}{162}$	$\Phi_{648}^4\ \Phi_{324}^4\ \Phi_{216}\ \Phi_{162}^2\ \Phi_{108}\ \Phi_{81}^2\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
126719	1694	560	$\frac{3}{80}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^4\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}^4\ \Phi_{35}^3\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_{10}^4\ \Phi_8^4\ \Phi_7\ \Phi_5^4\ \Phi_2^2\ \Phi_1^2$
126720	1694	300	$\frac{2}{25}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{23}{100}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^4\ \Phi_{75}^6\ \Phi_{60}^7\ \Phi_{50}^4\ \Phi_{30}^7\ \Phi_{25}^6\ \Phi_{20}^5\ \Phi_{15}^7\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_6^6\ \Phi_5^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
126721	1694	1330	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{18}{95}$	$\frac{3}{14}$	$\Phi_{1330}^2\ \Phi_{665}\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
126722	1694	266	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{266}^6\ \Phi_{133}^6\ \Phi_{38}^8\ \Phi_{19}^8\ \Phi_{14}^8\ \Phi_7^7\ \Phi_2^{10}\ \Phi_1^{10}$
126723	1694	168	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{168}^{12}\ \Phi_{84}^9\ \Phi_{56}^9\ \Phi_{42}^9\ \Phi_{28}^6\ \Phi_{24}^{16}\ \Phi_{21}^9\ \Phi_{14}^8\ \Phi_{12}^{12}\ \Phi_8^{12}\ \Phi_7^7\ \Phi_6^{12}\ \Phi_4^8\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{10}$
126724	1694	2208	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{368}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
126725	1694	300	$\frac{1}{12}$	$\frac{3}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^6\ \Phi_{75}^6\ \Phi_{60}^7\ \Phi_{50}^6\ \Phi_{30}^7\ \Phi_{20}^7\ \Phi_{15}^7\ \Phi_{12}^6\ \Phi_{10}^7\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6$
126726	1694	180	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{5}$	$\Phi_{180}^{12}\ \Phi_{90}^{10}\ \Phi_{60}^7\ \Phi_{45}^{10}\ \Phi_{36}^{12}\ \Phi_{30}^5\ \Phi_{20}^7\ \Phi_{18}^{10}\ \Phi_{15}^7\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_9^{10}\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
126727	1695	1352	$\frac{1}{338}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{337}{676}$	$\Phi_{1352}^2\ \Phi_{676}\ \Phi_{104}^2\ \Phi_{52}\ \Phi_8^3\ \Phi_4\ \Phi_1$
126728	1695	968	$\frac{1}{242}$	$\frac{81}{484}$	$\frac{403}{968}$	$\frac{241}{484}$	$\Phi_{968}^3\ \Phi_{484}\ \Phi_{88}^3\ \Phi_{44}\ \Phi_8^3\ \Phi_4\ \Phi_1$
126729	1695	616	$\frac{1}{154}$	$\frac{31}{308}$	$\frac{277}{616}$	$\frac{153}{308}$	$\Phi_{616}^5\ \Phi_{308}\ \Phi_{88}^5\ \Phi_{56}^5\ \Phi_{44}\ \Phi_{28}\ \Phi_8^5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
126730	1695	224	$\frac{1}{112}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{111}{224}$	$\Phi_{224}^{15}\ \Phi_{32}^{15}\ \Phi_{28}\ \Phi_4\ \Phi_1$
126731	1695	224	$\frac{1}{112}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{111}{224}$	$\Phi_{224}^{15}\ \Phi_{32}^{15}\ \Phi_7^2\ \Phi_1^3$
126732	1695	672	$\frac{1}{112}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{111}{224}$	$\Phi_{672}^{6}\ \Phi_{224}^{3}\ \Phi_{96}^{6}\ \Phi_{32}^{3}\ \Phi_{12}^{2}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
126733	1695	756	$\frac{2}{189}$	$\frac{1}{7}$	$\frac{191}{756}$	$\frac{187}{378}$	$\Phi_{756}^{3}\ \Phi_{252}^{3}\ \Phi_{189}^{3}\ \Phi_{108}^{3}\ \Phi_{84}^{3}\ \Phi_{63}^{3}\ \Phi_{36}^{3}\ \Phi_{28}^{3}\ \Phi_{27}^{3}\ \Phi_{21}^{3}\ \Phi_{12}^{3}\ \Phi_9^3\ \Phi_7^2\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
126734	1695	2010	$\frac{4}{335}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{331}{670}$	$\Phi_{2010}\ \Phi_{1005}\ \Phi_{402}\ \Phi_{335}\ \Phi_{201}\ \Phi_{67}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
126735	1695	3344	$\frac{23}{1672}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{1649}{3344}$	$\Phi_{3344}\ \Phi_{304}\ \Phi_{176}\ \Phi_{44}\ \Phi_{16}\ \Phi_4\ \Phi_1$
126736	1695	408	$\frac{1}{68}$	$\frac{1}{6}$	$\frac{23}{136}$	$\frac{67}{136}$	$\Phi_{408}^{4}\ \Phi_{204}^{6}\ \Phi_{136}^{2}\ \Phi_{102}^{6}\ \Phi_{68}^{3}\ \Phi_{51}^{6}\ \Phi_{34}^{3}\ \Phi_{24}^{4}\ \Phi_{17}^{3}\ \Phi_{12}^{6}\ \Phi_8^2\ \Phi_6^5\ \Phi_4^3\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
126737	1695	1776	$\frac{2}{111}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{109}{222}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{592}\ \Phi_{444}\ \Phi_{296}\ \Phi_{148}\ \Phi_{111}\ \Phi_{48}^2\ \Phi_{37}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
126738	1695	304	$\frac{1}{38}$	$\frac{1}{16}$	$\frac{39}{152}$	$\frac{37}{76}$	$\Phi_{304}^{6}\ \Phi_{152}^{5}\ \Phi_{76}^{6}\ \Phi_{38}^{5}\ \Phi_{19}^{5}\ \Phi_{16}^{5}\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
126739	1695	220	$\frac{3}{110}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{107}{220}$	$\Phi_{220}^{15}\ \Phi_{44}^{15}\ \Phi_{22}^{2}\ \Phi_{20}^{15}\ \Phi_{11}^{2}\ \Phi_4^{15}\ \Phi_2^2\ \Phi_1^3$
126740	1695	220	$\frac{3}{110}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{107}{220}$	$\Phi_{220}^{15}\ \Phi_{44}^{15}\ \Phi_{20}^{15}\ \Phi_{11}^{4}\ \Phi_4^{15}\ \Phi_1^5$
126741	1695	660	$\frac{3}{110}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{107}{220}$	$\Phi_{660}^{6}\ \Phi_{220}^{3}\ \Phi_{132}^{6}\ \Phi_{60}^{6}\ \Phi_{44}^{3}\ \Phi_{30}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{6}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4^3\ \Phi_3\ \Phi_1$
126742	1695	682	$\frac{10}{341}$	$\frac{1}{11}$	$\frac{117}{682}$	$\frac{331}{682}$	$\Phi_{682}^{2}\ \Phi_{341}^{3}\ \Phi_{62}^{2}\ \Phi_{31}^{3}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_2^2\ \Phi_1^3$
126743	1695	126	$\frac{2}{63}$	$\frac{13}{126}$	$\frac{1}{7}$	$\frac{61}{126}$	$\Phi_{126}^{12}\ \Phi_{63}^{15}\ \Phi_{42}^{12}\ \Phi_{21}^{15}\ \Phi_{18}^{12}\ \Phi_{14}^{12}\ \Phi_9^{15}\ \Phi_7^{14}\ \Phi_6^{12}\ \Phi_3^{15}\ \Phi_2^{12}\ \Phi_1^{15}$
126744	1695	1092	$\frac{19}{546}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{527}{1092}$	$\Phi_{1092}^{3}\ \Phi_{364}^{3}\ \Phi_{156}^{3}\ \Phi_{84}^{3}\ \Phi_{52}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{12}^{3}\ \Phi_7^2\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
126745	1695	2288	$\frac{21}{572}$	$\frac{1}{22}$	$\frac{593}{2288}$	$\frac{551}{1144}$	$\Phi_{2288}\ \Phi_{572}\ \Phi_{286}\ \Phi_{208}\ \Phi_{176}\ \Phi_{143}\ \Phi_{52}\ \Phi_{44}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_4\ \Phi_1$
126746	1695	836	$\frac{23}{836}$	$\frac{1}{22}$	$\frac{271}{836}$	$\frac{21}{44}$	$\Phi_{836}^{2}\ \Phi_{418}^{2}\ \Phi_{209}^{2}\ \Phi_{76}^{2}\ \Phi_{44}^{3}\ \Phi_{38}^{2}\ \Phi_{22}^{2}\ \Phi_{19}^{2}\ \Phi_{11}^{2}\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
126747	1695	352	$\frac{13}{352}$	$\frac{1}{22}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{352}^{5}\ \Phi_{176}^{5}\ \Phi_{88}^{4}\ \Phi_{44}^{5}\ \Phi_{32}^{5}\ \Phi_{22}^{4}\ \Phi_{16}^{5}\ \Phi_{11}^{4}\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
126748	1695	432	$\frac{5}{108}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{103}{216}$	$\Phi_{432}^{4}\ \Phi_{216}^{3}\ \Phi_{144}^{4}\ \Phi_{108}^{4}\ \Phi_{72}^{3}\ \Phi_{54}^{4}\ \Phi_{48}^{6}\ \Phi_{36}^{4}\ \Phi_{27}^{4}\ \Phi_{24}^{5}\ \Phi_{18}^{4}\ \Phi_{16}^{5}\ \Phi_{12}^{6}\ \Phi_9^4\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
126749	1695	1938	$\frac{16}{323}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{307}{646}$	$\Phi_{1938}\ \Phi_{969}\ \Phi_{323}\ \Phi_{114}\ \Phi_{102}^{2}\ \Phi_{57}\ \Phi_{51}^{2}\ \Phi_{34}\ \Phi_{19}\ \Phi_{17}\ \Phi_6\ \Phi_3\ \Phi_1$
126750	1695	120	$\frac{1}{20}$	$\frac{7}{120}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{120}^{13}\ \Phi_{60}^{15}\ \Phi_{40}^{14}\ \Phi_{30}^{15}\ \Phi_{24}^{13}\ \Phi_{20}^{15}\ \Phi_{15}^{15}\ \Phi_{12}^{15}\ \Phi_{10}^{15}\ \Phi_8^{14}\ \Phi_6^{14}\ \Phi_5^{15}\ \Phi_4^{15}\ \Phi_3^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
126751	1695	1920	$\frac{1}{20}$	$\frac{19}{320}$	$\frac{1}{6}$	$\frac{301}{640}$	$\Phi_{1920}^{2}\ \Phi_{640}\ \Phi_{384}^{2}\ \Phi_{128}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
126752	1695	1056	$\frac{1}{22}$	$\frac{37}{528}$	$\frac{7}{44}$	$\frac{491}{1056}$	$\Phi_{1056}^{3}\ \Phi_{352}^{3}\ \Phi_{96}^{3}\ \Phi_{44}^{3}\ \Phi_{32}^{3}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
126753	1695	168	$\frac{1}{56}$	$\frac{1}{14}$	$\frac{55}{168}$	$\frac{13}{28}$	$\Phi_{168}^{15}\ \Phi_{84}^{15}\ \Phi_{42}^{15}\ \Phi_{28}\ \Phi_{24}^{15}\ \Phi_{21}^{15}\ \Phi_{12}^{15}\ \Phi_6^{15}\ \Phi_4\ \Phi_3^{15}\ \Phi_1$
126754	1695	1736	$\frac{41}{1736}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{434}\ \Phi_{248}\ \Phi_{217}\ \Phi_{124}\ \Phi_{62}\ \Phi_{31}\ \Phi_{28}\ \Phi_4\ \Phi_1$
126755	1695	812	$\frac{3}{116}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{812}^{2}\ \Phi_{406}^{2}\ \Phi_{203}^{2}\ \Phi_{116}^{3}\ \Phi_{58}^{3}\ \Phi_{29}^{3}\ \Phi_{28}\ \Phi_4\ \Phi_1$
126756	1695	448	$\frac{3}{112}$	$\frac{1}{14}$	$\frac{109}{448}$	$\frac{13}{28}$	$\Phi_{448}^{5}\ \Phi_{224}^{5}\ \Phi_{64}^{5}\ \Phi_{32}^{5}\ \Phi_{28}\ \Phi_4\ \Phi_1$
126757	1695	140	$\frac{1}{28}$	$\frac{1}{14}$	$\frac{27}{140}$	$\frac{13}{28}$	$\Phi_{140}^{15}\ \Phi_{70}^{15}\ \Phi_{35}^{15}\ \Phi_{28}\ \Phi_{20}^{15}\ \Phi_{10}^{15}\ \Phi_5^{15}\ \Phi_4\ \Phi_1$
126758	1695	588	$\frac{23}{588}$	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{588}^{3}\ \Phi_{294}^{3}\ \Phi_{196}^{3}\ \Phi_{147}^{3}\ \Phi_{98}^{3}\ \Phi_{84}^{3}\ \Phi_{49}^{3}\ \Phi_{42}^{3}\ \Phi_{28}\ \Phi_{21}^{3}\ \Phi_{12}^{3}\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
126759	1695	672	$\frac{5}{112}$	$\frac{1}{14}$	$\frac{107}{672}$	$\frac{13}{28}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}^{3}\ \Phi_{168}^{3}\ \Phi_{96}^{3}\ \Phi_{84}^{3}\ \Phi_{48}^{3}\ \Phi_{42}^{3}\ \Phi_{32}^{3}\ \Phi_{28}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{12}^{3}\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
126760	1695	476	$\frac{6}{119}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{476}^{7}\ \Phi_{119}\ \Phi_{68}^{7}\ \Phi_{28}\ \Phi_{17}\ \Phi_4\ \Phi_1$
126761	1695	392	$\frac{3}{56}$	$\frac{1}{14}$	$\frac{53}{392}$	$\frac{13}{28}$	$\Phi_{392}^{5}\ \Phi_{196}^{5}\ \Phi_{98}^{5}\ \Phi_{49}^{5}\ \Phi_{28}\ \Phi_4\ \Phi_1$
126762	1695	1792	$\frac{97}{1792}$	$\frac{1}{14}$	$\frac{15}{112}$	$\frac{13}{28}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{28}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
126763	1695	840	$\frac{7}{120}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{28}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^3\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{42}^2\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
126764	1695	896	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{15}{128}$	$\frac{13}{28}$	$\Phi_{896}^2\ \Phi_{448}^2\ \Phi_{224}^2\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{28}\ \Phi_4\ \Phi_1$
126765	1695	364	$\frac{25}{364}$	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{13}{28}$	$\Phi_{364}^5\ \Phi_{182}^5\ \Phi_{91}^5\ \Phi_{52}^5\ \Phi_{28}\ \Phi_{26}^5\ \Phi_{13}^5\ \Phi_4\ \Phi_1$
126766	1695	252	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{13}{28}$	$\Phi_{252}^{14}\ \Phi_{126}\ \Phi_{84}^{14}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}^{14}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}^{14}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
126767	1695	616	$\frac{1}{14}$	$\frac{51}{616}$	$\frac{5}{56}$	$\frac{13}{28}$	$\Phi_{616}^3\ \Phi_{308}^3\ \Phi_{154}^3\ \Phi_{88}^3\ \Phi_{77}^3\ \Phi_{44}^3\ \Phi_{28}\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_4\ \Phi_1$
126768	1695	588	$\frac{23}{588}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{196}^3\ \Phi_{147}^3\ \Phi_{98}^3\ \Phi_{84}^3\ \Phi_{49}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
126769	1695	616	$\frac{2}{77}$	$\frac{31}{308}$	$\frac{15}{77}$	$\frac{277}{616}$	$\Phi_{616}^5\ \Phi_{88}^5\ \Phi_{77}^2\ \Phi_{56}^5\ \Phi_{11}^2\ \Phi_8^5\ \Phi_7^2\ \Phi_1^3$
126770	1695	204	$\frac{1}{34}$	$\frac{11}{102}$	$\frac{1}{6}$	$\frac{91}{204}$	$\Phi_{204}^{15}\ \Phi_{102}^2\ \Phi_{68}^{15}\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}^{15}\ \Phi_6\ \Phi_4^{15}\ \Phi_3\ \Phi_1$
126771	1695	1008	$\frac{2}{63}$	$\frac{61}{504}$	$\frac{1}{7}$	$\frac{443}{1008}$	$\Phi_{1008}^3\ \Phi_{336}^3\ \Phi_{144}^3\ \Phi_{112}^3\ \Phi_{63}^3\ \Phi_{48}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
126772	1695	343	$\frac{4}{343}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{343}^5\ \Phi_{49}^5\ \Phi_7^2\ \Phi_1^3$
126773	1695	616	$\frac{1}{22}$	$\frac{51}{616}$	$\frac{7}{44}$	$\frac{37}{88}$	$\Phi_{616}^3\ \Phi_{308}^3\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{56}^3\ \Phi_{44}^3\ \Phi_{28}^3\ \Phi_{22}^2\ \Phi_{14}^3\ \Phi_{11}^2\ \Phi_7^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
126774	1695	240	$\frac{7}{120}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{240}^8\ \Phi_{120}^7\ \Phi_{80}^8\ \Phi_{60}^7\ \Phi_{48}^6\ \Phi_{40}^7\ \Phi_{30}^7\ \Phi_{24}^5\ \Phi_{20}^7\ \Phi_{16}^5\ \Phi_{15}^7\ \Phi_{12}^6\ \Phi_{10}^7\ \Phi_8^4\ \Phi_6^5\ \Phi_5^7\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
126775	1695	968	$\frac{1}{121}$	$\frac{81}{484}$	$\frac{40}{121}$	$\frac{403}{968}$	$\Phi_{968}^3\ \Phi_{121}^2\ \Phi_{88}^3\ \Phi_{11}^2\ \Phi_8^3\ \Phi_1^3$
126776	1695	352	$\frac{13}{352}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{352}^5\ \Phi_{176}^5\ \Phi_{88}^5\ \Phi_{44}^5\ \Phi_{32}^5\ \Phi_{16}^5\ \Phi_{11}^4\ \Phi_8^5\ \Phi_4^5\ \Phi_1^5$
126777	1695	572	$\frac{1}{22}$	$\frac{21}{286}$	$\frac{53}{286}$	$\frac{233}{572}$	$\Phi_{572}^5\ \Phi_{286}\ \Phi_{143}\ \Phi_{52}^5\ \Phi_{44}^5\ \Phi_{26}\ \Phi_{13}\ \Phi_4^5\ \Phi_1$
126778	1695	1520	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{18}{95}$	$\frac{77}{190}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{304}^2\ \Phi_{152}^2\ \Phi_{95}\ \Phi_{80}\ \Phi_{76}^2\ \Phi_{40}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{16}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
126779	1695	121	$\frac{6}{121}$	$\frac{8}{121}$	$\frac{23}{121}$	$\frac{49}{121}$	$\Phi_{121}^{14}\ \Phi_{11}^{14}\ \Phi_1^{15}$
126780	1695	385	$\frac{2}{77}$	$\frac{46}{385}$	$\frac{15}{77}$	$\frac{31}{77}$	$\Phi_{385}^5\ \Phi_{77}^2\ \Phi_{55}^5\ \Phi_{35}^5\ \Phi_{11}^2\ \Phi_7^2\ \Phi_5^5\ \Phi_1^3$
126781	1695	484	$\frac{1}{121}$	$\frac{24}{121}$	$\frac{145}{484}$	$\frac{97}{242}$	$\Phi_{484}^5\ \Phi_{121}^4\ \Phi_{44}^5\ \Phi_{11}^4\ \Phi_4^5\ \Phi_1^5$
126782	1695	924	$\frac{1}{154}$	$\frac{103}{462}$	$\frac{51}{154}$	$\frac{359}{924}$	$\Phi_{924}^3\ \Phi_{308}^3\ \Phi_{154}^2\ \Phi_{132}^3\ \Phi_{84}^3\ \Phi_{77}^2\ \Phi_{44}^3\ \Phi_{28}^3\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_7^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
126783	1695	2728	$\frac{10}{341}$	$\frac{1}{11}$	$\frac{331}{1364}$	$\frac{1033}{2728}$	$\Phi_{2728}\ \Phi_{341}\ \Phi_{248}\ \Phi_{88}\ \Phi_{31}\ \Phi_8\ \Phi_1$
126784	1695	1632	$\frac{1}{68}$	$\frac{1}{6}$	$\frac{67}{272}$	$\frac{205}{544}$	$\Phi_{1632}^2\ \Phi_{544}\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{96}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
126785	1695	2464	$\frac{1}{154}$	$\frac{153}{616}$	$\frac{769}{2464}$	$\frac{463}{1232}$	$\Phi_{2464}\ \Phi_{616}\ \Phi_{352}\ \Phi_{308}\ \Phi_{224}\ \Phi_{88}\ \Phi_{56}\ \Phi_{44}\ \Phi_{32}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
126786	1695	1352	$\frac{1}{169}$	$\frac{1}{4}$	$\frac{56}{169}$	$\frac{3}{8}$	$\Phi_{1352}^2\ \Phi_{169}^2\ \Phi_{104}^2\ \Phi_{13}^2\ \Phi_8^3\ \Phi_1^3$
126787	1695	456	$\frac{1}{114}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{456}^6\ \Phi_{228}^2\ \Phi_{152}^6\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{38}\ \Phi_{24}^6\ \Phi_{19}\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
126788	1695	1032	$\frac{5}{344}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1032}^2\ \Phi_{516}^2\ \Phi_{344}\ \Phi_{258}^2\ \Phi_{172}\ \Phi_{129}^2\ \Phi_{86}\ \Phi_{43}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
126789	1695	936	$\frac{4}{117}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{936}^3\ \Phi_{312}^3\ \Phi_{117}^3\ \Phi_{104}^2\ \Phi_{72}^3\ \Phi_{39}^3\ \Phi_{24}^3\ \Phi_{13}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_3^3\ \Phi_1^3$
126790	1695	728	$\frac{1}{26}$	$\frac{25}{364}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{728}^4\ \Phi_{364}\ \Phi_{182}\ \Phi_{104}^2\ \Phi_{91}\ \Phi_{56}^4\ \Phi_{52}\ \Phi_{28}\ \Phi_{14}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
126791	1695	574	$\frac{9}{574}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{574}^3\ \Phi_{287}^3\ \Phi_{82}^3\ \Phi_{41}^3\ \Phi_7^2\ \Phi_1^3$
126792	1695	510	$\frac{1}{85}$	$\frac{1}{6}$	$\frac{28}{85}$	$\frac{57}{170}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{170}\ \Phi_{102}^4\ \Phi_{85}^3\ \Phi_{51}^4\ \Phi_{34}\ \Phi_{30}^4\ \Phi_{17}^3\ \Phi_{15}^4\ \Phi_{10}\ \Phi_6^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^3$
126793	1695	726	$\frac{1}{121}$	$\frac{161}{726}$	$\frac{40}{121}$	$\frac{81}{242}$	$\Phi_{726}^3\ \Phi_{363}^3\ \Phi_{121}^2\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{11}^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
126794	1695	847	$\frac{4}{847}$	$\frac{281}{847}$	$\frac{282}{847}$	$\frac{283}{847}$	$\Phi_{847}^2\ \Phi_{121}^2\ \Phi_{77}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^3$
126795	1695	168	$\frac{1}{56}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{55}{168}$	$\Phi_{168}^{15}\ \Phi_{84}^{15}\ \Phi_{42}^{15}\ \Phi_{24}^{15}\ \Phi_{21}^{15}\ \Phi_{12}^{15}\ \Phi_7^2\ \Phi_6^{15}\ \Phi_3^{15}\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
126796	1695	168	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{55}{168}$	$\Phi_{168}^{9}\ \Phi_{84}^{9}\ \Phi_{56}^{12}\ \Phi_{42}^{9}\ \Phi_{28}^{12}\ \Phi_{24}^{9}\ \Phi_{21}^{9}\ \Phi_{14}^{12}\ \Phi_{12}^{11}\ \Phi_{8}^{12}\ \Phi_{7}^{12}\ \Phi_{6}^{10}\ \Phi_{4}^{13}\ \Phi_{3}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
126797	1695	408	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{23}{136}$	$\frac{11}{34}$	$\Phi_{408}^{6}\ \Phi_{204}^{6}\ \Phi_{136}^{3}\ \Phi_{102}^{2}\ \Phi_{68}^{3}\ \Phi_{51}^{2}\ \Phi_{34}\ \Phi_{24}^{6}\ \Phi_{17}\ \Phi_{12}^{6}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
126798	1695	132	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{19}{132}$	$\frac{7}{22}$	$\Phi_{132}^{15}\ \Phi_{66}^{15}\ \Phi_{44}^{15}\ \Phi_{33}^{15}\ \Phi_{22}^{2}\ \Phi_{12}^{15}\ \Phi_{11}^{2}\ \Phi_{6}^{15}\ \Phi_{4}^{15}\ \Phi_{3}^{15}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
126799	1695	165	$\frac{3}{55}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{52}{165}$	$\Phi_{165}^{15}\ \Phi_{33}^{15}\ \Phi_{15}^{15}\ \Phi_{11}^{4}\ \Phi_{3}^{15}\ \Phi_{1}^{5}$
126800	1695	819	$\frac{19}{273}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{254}{819}$	$\Phi_{819}^{3}\ \Phi_{117}^{3}\ \Phi_{63}^{3}\ \Phi_{21}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
126801	1695	1296	$\frac{1}{16}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{162}$	$\Phi_{1296}^{2}\ \Phi_{648}^{2}\ \Phi_{324}^{2}\ \Phi_{162}\ \Phi_{81}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
126802	1695	120	$\frac{7}{120}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{120}^{15}\ \Phi_{60}^{15}\ \Phi_{40}^{15}\ \Phi_{30}^{11}\ \Phi_{24}^{15}\ \Phi_{20}^{15}\ \Phi_{15}^{11}\ \Phi_{12}^{15}\ \Phi_{10}^{13}\ \Phi_{8}^{15}\ \Phi_{6}^{10}\ \Phi_{5}^{13}\ \Phi_{4}^{15}\ \Phi_{3}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
126803	1695	121	$\frac{8}{121}$	$\frac{13}{121}$	$\frac{17}{121}$	$\frac{36}{121}$	$\Phi_{121}^{14}\ \Phi_{11}^{14}\ \Phi_{1}^{15}$
126804	1695	480	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{1}{6}$	$\frac{47}{160}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{2}\ \Phi_{120}^{4}\ \Phi_{96}^{4}\ \Phi_{80}^{2}\ \Phi_{60}^{6}\ \Phi_{48}^{4}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{30}^{6}\ \Phi_{24}^{4}\ \Phi_{20}^{3}\ \Phi_{16}^{2}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{10}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
126805	1695	792	$\frac{1}{22}$	$\frac{37}{264}$	$\frac{7}{44}$	$\frac{227}{792}$	$\Phi_{792}^{3}\ \Phi_{396}^{3}\ \Phi_{198}^{3}\ \Phi_{99}^{3}\ \Phi_{72}^{3}\ \Phi_{44}^{3}\ \Phi_{36}^{3}\ \Phi_{22}^{2}\ \Phi_{18}^{3}\ \Phi_{11}^{2}\ \Phi_{9}^{3}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
126806	1695	812	$\frac{3}{116}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{812}^{2}\ \Phi_{406}^{2}\ \Phi_{203}^{2}\ \Phi_{116}^{3}\ \Phi_{58}^{3}\ \Phi_{29}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
126807	1695	448	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{109}{448}$	$\frac{2}{7}$	$\Phi_{448}^{5}\ \Phi_{224}^{5}\ \Phi_{64}^{5}\ \Phi_{32}^{5}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
126808	1695	350	$\frac{11}{350}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{350}^{5}\ \Phi_{175}^{5}\ \Phi_{70}^{5}\ \Phi_{50}^{5}\ \Phi_{35}^{5}\ \Phi_{25}^{5}\ \Phi_{10}^{5}\ \Phi_{7}^{2}\ \Phi_{5}^{5}\ \Phi_{1}^{3}$
126809	1695	140	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{27}{140}$	$\frac{2}{7}$	$\Phi_{140}^{15}\ \Phi_{70}^{15}\ \Phi_{35}^{15}\ \Phi_{20}^{15}\ \Phi_{10}^{15}\ \Phi_{7}^{2}\ \Phi_{5}^{15}\ \Phi_{1}^{3}$
126810	1695	588	$\frac{23}{588}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{588}^{3}\ \Phi_{294}^{3}\ \Phi_{196}^{3}\ \Phi_{147}^{3}\ \Phi_{98}^{3}\ \Phi_{84}^{3}\ \Phi_{49}^{3}\ \Phi_{42}^{3}\ \Phi_{21}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
126811	1695	672	$\frac{5}{112}$	$\frac{1}{7}$	$\frac{107}{672}$	$\frac{2}{7}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}^{3}\ \Phi_{168}^{3}\ \Phi_{96}^{3}\ \Phi_{84}^{3}\ \Phi_{48}^{3}\ \Phi_{42}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
126812	1695	119	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{119}^{15}\ \Phi_{17}^{15}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
126813	1695	392	$\frac{3}{56}$	$\frac{53}{392}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{392}^{5}\ \Phi_{196}^{5}\ \Phi_{98}^{5}\ \Phi_{49}^{5}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
126814	1695	840	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{140}^{2}\ \Phi_{120}^{3}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{3}\ \Phi_{42}^{2}\ \Phi_{40}^{3}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
126815	1695	896	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{896}^{2}\ \Phi_{448}^{2}\ \Phi_{224}^{2}\ \Phi_{128}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
126816	1695	364	$\frac{25}{364}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{364}^{5}\ \Phi_{182}^{5}\ \Phi_{91}^{5}\ \Phi_{52}^{5}\ \Phi_{26}^{5}\ \Phi_{13}^{5}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
126817	1695	126	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{126}^{15}\ \Phi_{63}^{15}\ \Phi_{42}^{15}\ \Phi_{21}^{15}\ \Phi_{18}^{15}\ \Phi_{9}^{15}\ \Phi_{7}^{2}\ \Phi_{6}^{15}\ \Phi_{3}^{15}\ \Phi_{1}^{3}$
126818	1695	616	$\frac{51}{616}$	$\frac{5}{56}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{616}^{3}\ \Phi_{308}^{3}\ \Phi_{154}^{3}\ \Phi_{88}^{3}\ \Phi_{77}^{3}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{11}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
126819	1695	132	$\frac{1}{22}$	$\frac{19}{132}$	$\frac{7}{44}$	$\frac{37}{132}$	$\Phi_{132}^{12}\ \Phi_{66}^{12}\ \Phi_{44}^{15}\ \Phi_{33}^{12}\ \Phi_{22}^{14}\ \Phi_{12}^{12}\ \Phi_{11}^{14}\ \Phi_{6}^{12}\ \Phi_{4}^{15}\ \Phi_{3}^{12}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
126820	1695	1008	$\frac{1}{16}$	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{252}^{2}\ \Phi_{168}^{2}\ \Phi_{126}\ \Phi_{112}^{2}\ \Phi_{84}^{2}\ \Phi_{63}\ \Phi_{56}^{2}\ \Phi_{48}^{2}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
126821	1695	121	$\frac{8}{121}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{121}^{15}\ \Phi_{11}^{4}\ \Phi_{1}^{5}$
126822	1695	154	$\frac{2}{77}$	$\frac{15}{77}$	$\frac{31}{154}$	$\frac{41}{154}$	$\Phi_{154}^{10}\ \Phi_{77}^{12}\ \Phi_{22}^{10}\ \Phi_{14}^{10}\ \Phi_{11}^{12}\ \Phi_{7}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{13}$
126823	1695	756	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{61}{252}$	$\frac{191}{756}$	$\Phi_{756}^{3}\ \Phi_{378}^{3}\ \Phi_{189}^{3}\ \Phi_{108}^{3}\ \Phi_{63}^{3}\ \Phi_{54}^{3}\ \Phi_{27}^{3}\ \Phi_{21}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
126824	1695	348	$\frac{3}{116}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{348}^{6}\ \Phi_{174}^{6}\ \Phi_{116}^{3}\ \Phi_{87}^{6}\ \Phi_{58}^{3}\ \Phi_{29}^{3}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
126825	1695	1344	$\frac{3}{112}$	$\frac{1}{6}$	$\frac{109}{448}$	$\frac{1}{4}$	$\Phi_{1344}^{2}\ \Phi_{672}^{2}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}^{2}\ \Phi_{96}^{2}\ \Phi_{64}\ \Phi_{32}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
126826	1695	420	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{27}{140}$	$\frac{1}{4}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{140}^{3}\ \Phi_{105}^{6}\ \Phi_{70}^{3}\ \Phi_{60}^{6}\ \Phi_{35}^{3}\ \Phi_{30}^{6}\ \Phi_{20}^{3}\ \Phi_{15}^{6}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{6}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
126827	1695	1056	$\frac{13}{352}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1056}^{2}\ \Phi_{528}^{2}\ \Phi_{352}\ \Phi_{264}^{2}\ \Phi_{176}\ \Phi_{132}^{2}\ \Phi_{96}^{2}\ \Phi_{88}\ \Phi_{66}^{2}\ \Phi_{44}\ \Phi_{33}^{2}\ \Phi_{32}\ \Phi_{22}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
126828	1695	1428	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1428}^2\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{204}^2\ \Phi_{119}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
126829	1695	1176	$\frac{3}{56}$	$\frac{53}{392}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{392}\ \Phi_{294}^2\ \Phi_{196}\ \Phi_{147}^2\ \Phi_{98}\ \Phi_{49}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
126830	1695	120	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{120}^{15}\ \Phi_{60}^{15}\ \Phi_{40}^{15}\ \Phi_{30}^{15}\ \Phi_{24}^{9}\ \Phi_{20}^{15}\ \Phi_{15}^{15}\ \Phi_{12}^{11}\ \Phi_{10}^{15}\ \Phi_{8}^{12}\ \Phi_{6}^{10}\ \Phi_{5}^{15}\ \Phi_4^{13}\ \Phi_3^{10}\ \Phi_2^{12}\ \Phi_1^{13}$
126831	1695	384	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{384}^6\ \Phi_{192}^6\ \Phi_{128}^3\ \Phi_{96}^6\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
126832	1695	1092	$\frac{25}{364}$	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}\ \Phi_{273}^2\ \Phi_{182}\ \Phi_{156}^2\ \Phi_{91}\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
126833	1695	252	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{252}^{10}\ \Phi_{126}^5\ \Phi_{84}^6\ \Phi_{63}^5\ \Phi_{42}^3\ \Phi_{36}^{10}\ \Phi_{28}^8\ \Phi_{21}^3\ \Phi_{18}^5\ \Phi_{14}^4\ \Phi_{12}^8\ \Phi_9^5\ \Phi_7^4\ \Phi_6^4\ \Phi_4^9\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
126834	1695	1200	$\frac{1}{20}$	$\frac{61}{400}$	$\frac{1}{6}$	$\frac{19}{80}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}\ \Phi_{300}^2\ \Phi_{200}\ \Phi_{150}^2\ \Phi_{100}\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
126835	1695	440	$\frac{9}{110}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{101}{440}$	$\Phi_{440}^5\ \Phi_{220}^5\ \Phi_{88}^5\ \Phi_{44}^5\ \Phi_{40}^5\ \Phi_{20}^5\ \Phi_{11}^4\ \Phi_8^5\ \Phi_4^5\ \Phi_1^5$
126836	1695	1320	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{101}{440}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{440}\ \Phi_{264}^2\ \Phi_{220}\ \Phi_{132}^2\ \Phi_{120}^2\ \Phi_{88}\ \Phi_{60}^2\ \Phi_{44}\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
126837	1695	144	$\frac{1}{16}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{144}$	$\Phi_{144}^{11}\ \Phi_{72}^{11}\ \Phi_{48}^{13}\ \Phi_{36}^{12}\ \Phi_{24}^{13}\ \Phi_{18}^{12}\ \Phi_{16}^{12}\ \Phi_{12}^{14}\ \Phi_9^{12}\ \Phi_8^{12}\ \Phi_6^{13}\ \Phi_4^{13}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
126838	1695	121	$\frac{8}{121}$	$\frac{17}{121}$	$\frac{19}{121}$	$\frac{26}{121}$	$\Phi_{121}^{14}\ \Phi_{11}^{14}\ \Phi_1^{15}$
126839	1695	704	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{139}{704}$	$\frac{37}{176}$	$\Phi_{704}^3\ \Phi_{352}^3\ \Phi_{64}^3\ \Phi_{44}^3\ \Phi_{32}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
126840	1695	385	$\frac{1}{11}$	$\frac{46}{385}$	$\frac{9}{55}$	$\frac{2}{11}$	$\Phi_{385}^5\ \Phi_{77}^5\ \Phi_{35}^5\ \Phi_{11}^4\ \Phi_7^5\ \Phi_1^5$
126841	1695	132	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{19}{132}$	$\frac{2}{11}$	$\Phi_{132}^{15}\ \Phi_{66}^{15}\ \Phi_{44}^{15}\ \Phi_{33}^{15}\ \Phi_{12}^{15}\ \Phi_{11}^4\ \Phi_6^{15}\ \Phi_4^{15}\ \Phi_3^{15}\ \Phi_1^5$
126842	1696	423	$\frac{1}{423}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{211}{423}$	$\Phi_{423}^4\ \Phi_{141}^4\ \Phi_{47}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
126843	1696	339	$\frac{1}{339}$	$\frac{85}{339}$	$\frac{127}{339}$	$\frac{169}{339}$	$\Phi_{339}^5\ \Phi_{113}^5\ \Phi_3^5\ \Phi_1^6$
126844	1696	849	$\frac{1}{283}$	$\frac{71}{283}$	$\frac{1}{3}$	$\frac{141}{283}$	$\Phi_{849}^3\ \Phi_3^2$
126845	1696	845	$\frac{3}{845}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{421}{845}$	$\Phi_{845}^2\ \Phi_{169}^2\ \Phi_{65}^2\ \Phi_{13}^2\ \Phi_5^3\ \Phi_1^4$
126846	1696	1477	$\frac{1}{211}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{105}{211}$	$\Phi_{1477}\ \Phi_{211}^2\ \Phi_7^2\ \Phi_1^4$
126847	1696	3165	$\frac{1}{211}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{105}{211}$	$\Phi_{3165}\ \Phi_{15}^2$
126848	1696	565	$\frac{3}{565}$	$\frac{71}{565}$	$\frac{247}{565}$	$\frac{281}{565}$	$\Phi_{565}^3\ \Phi_{113}^3\ \Phi_5^3\ \Phi_1^4$
126849	1696	425	$\frac{3}{425}$	$\frac{1}{5}$	$\frac{107}{425}$	$\frac{211}{425}$	$\Phi_{425}^4\ \Phi_{85}^4\ \Phi_{25}^4\ \Phi_{17}^4\ \Phi_5^3\ \Phi_1^4$
126850	1696	1695	$\frac{13}{1695}$	$\frac{317}{1695}$	$\frac{427}{1695}$	$\frac{841}{1695}$	$\Phi_{1695}\ \Phi_{565}\ \Phi_{339}\ \Phi_{113}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
126851	1696	849	$\frac{7}{849}$	$\frac{107}{849}$	$\frac{1}{3}$	$\frac{421}{849}$	$\Phi_{849}^2\ \Phi_{283}^2\ \Phi_3\ \Phi_1^2$
126852	1696	791	$\frac{1}{113}$	$\frac{57}{791}$	$\frac{367}{791}$	$\frac{56}{113}$	$\Phi_{791}^2\ \Phi_{113}^3\ \Phi_7^2\ \Phi_1^4$
126853	1696	105	$\frac{1}{105}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{52}{105}$	$\Phi_{105}^{16}\ \Phi_{35}^{16}\ \Phi_{21}^{16}\ \Phi_{15}^{17}\ \Phi_7^{16}\ \Phi_5^{17}\ \Phi_3^{17}\ \Phi_1^{18}$
126854	1696	315	$\frac{1}{105}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{52}{105}$	$\Phi_{315}^6\ \Phi_{105}^4\ \Phi_{63}^6\ \Phi_{45}^6\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_9^8\ \Phi_7^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
126855	1696	105	$\frac{1}{105}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{52}{105}$	$\Phi_{105}^{16}\ \Phi_{35}^{16}\ \Phi_{21}^{16}\ \Phi_{15}^{16}\ \Phi_7^{16}\ \Phi_5^{19}\ \Phi_3^{16}\ \Phi_1^{20}$
126856	1696	1695	$\frac{17}{1695}$	$\frac{107}{1695}$	$\frac{794}{1695}$	$\frac{839}{1695}$	$\Phi_{1695}\ \Phi_{565}\ \Phi_{339}\ \Phi_{113}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
126857	1696	255	$\frac{1}{85}$	$\frac{43}{255}$	$\frac{1}{5}$	$\frac{42}{85}$	$\Phi_{255}^8\ \Phi_{85}^4\ \Phi_{51}^8\ \Phi_{17}^4\ \Phi_{15}^8\ \Phi_5^3\ \Phi_3^8\ \Phi_1^4$
126858	1696	1675	$\frac{21}{1675}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{827}{1675}$	$\Phi_{1675}\ \Phi_{335}\ \Phi_{67}\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
126859	1696	639	$\frac{1}{71}$	$\frac{1}{9}$	$\frac{18}{71}$	$\frac{35}{71}$	$\Phi_{639}^3\ \Phi_{213}^3\ \Phi_9^2\ \Phi_3^2$
126860	1696	339	$\frac{5}{339}$	$\frac{43}{339}$	$\frac{74}{339}$	$\frac{167}{339}$	$\Phi_{339}^5\ \Phi_{113}^5\ \Phi_3^5\ \Phi_1^6$
126861	1696	425	$\frac{7}{425}$	$\frac{54}{425}$	$\frac{1}{5}$	$\frac{209}{425}$	$\Phi_{425}^4\ \Phi_{85}^4\ \Phi_{25}^4\ \Phi_{17}^4\ \Phi_5^3\ \Phi_1^4$
126862	1696	1695	$\frac{29}{1695}$	$\frac{158}{1695}$	$\frac{431}{1695}$	$\frac{833}{1695}$	$\Phi_{1695}\ \Phi_{565}\ \Phi_{339}\ \Phi_{113}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
126863	1696	849	$\frac{5}{283}$	$\frac{18}{283}$	$\frac{1}{3}$	$\frac{139}{283}$	$\Phi_{849}^3\ \Phi_3^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
126864	1696	1665	$\frac{31}{1665}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{817}{1665}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{333}\ \Phi_{185}\ \Phi_{111}\ \Phi_{45}^2\ \Phi_{37}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
126865	1696	3224	$\frac{1}{52}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{51}{104}$	$\Phi_{3224}\ \Phi_{248}\ \Phi_{104}^2\ \Phi_{31}\ \Phi_8^2\ \Phi_1^2$
126866	1696	5304	$\frac{1}{52}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{5304}\ \Phi_{408}\ \Phi_{51}$
126867	1696	3224	$\frac{1}{52}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{51}{104}$	$\Phi_{3224}\ \Phi_{248}\ \Phi_{104}^2\ \Phi_{31}\ \Phi_8^2\ \Phi_1^2$
126868	1696	4680	$\frac{1}{52}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{51}{104}$	$\Phi_{4680}\ \Phi_{1560}\ \Phi_{360}\ \Phi_{120}\ \Phi_{45}\ \Phi_{15}$
126869	1696	285	$\frac{7}{285}$	$\frac{1}{15}$	$\frac{73}{285}$	$\frac{139}{285}$	$\Phi_{285}^6\ \Phi_{95}^6\ \Phi_{57}^6\ \Phi_{19}^6\ \Phi_{15}^5\ \Phi_5^5\ \Phi_3^5\ \Phi_1^6$
126870	1696	113	$\frac{3}{113}$	$\frac{7}{113}$	$\frac{29}{113}$	$\frac{55}{113}$	$\Phi_{113}^{15}\ \Phi_1^{16}$
126871	1696	825	$\frac{23}{825}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{401}{825}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}^2\ \Phi_{75}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{25}^4\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_5^3\ \Phi_3^2\ \Phi_1^4$
126872	1696	2418	$\frac{1}{31}$	$\frac{1}{26}$	$\frac{25}{78}$	$\frac{15}{31}$	$\Phi_{2418}\ \Phi_{1209}\ \Phi_{186}\ \Phi_{93}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{31}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
126873	1696	1736	$\frac{1}{31}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{434}\ \Phi_{248}\ \Phi_{217}\ \Phi_{56}^2\ \Phi_{31}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_1^2$
126874	1696	2015	$\frac{1}{31}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{15}{31}$	$\Phi_{2015}\ \Phi_{155}\ \Phi_{65}^2\ \Phi_{31}\ \Phi_5^2\ \Phi_1^2$
126875	1696	1122	$\frac{1}{33}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{1122}^3\ \Phi_{374}^3\ \Phi_{102}^2\ \Phi_{66}^3\ \Phi_{34}^2\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
126876	1696	510	$\frac{2}{51}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{49}{102}$	$\Phi_{510}^8\ \Phi_{170}^8\ \Phi_{85}\ \Phi_{30}^8\ \Phi_{10}^8$
126877	1696	225	$\frac{1}{25}$	$\frac{13}{225}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{225}^8\ \Phi_{75}^8\ \Phi_{45}^8\ \Phi_{25}^4\ \Phi_{15}^8\ \Phi_9^8\ \Phi_5^3\ \Phi_3^8\ \Phi_1^4$
126878	1696	405	$\frac{19}{405}$	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{193}{405}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^4\ \Phi_{45}^6\ \Phi_{27}^4\ \Phi_{15}^5\ \Phi_9^6\ \Phi_5^5\ \Phi_3^5\ \Phi_1^6$
126879	1696	1615	$\frac{4}{85}$	$\frac{81}{1615}$	$\frac{1}{5}$	$\frac{767}{1615}$	$\Phi_{1615}\ \Phi_{323}\ \Phi_{95}\ \Phi_{85}^2\ \Phi_{19}\ \Phi_{17}^2\ \Phi_5\ \Phi_1^2$
126880	1696	792	$\frac{1}{33}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{792}^3\ \Phi_{264}^3\ \Phi_{198}^3\ \Phi_{99}^3\ \Phi_{88}^3\ \Phi_{72}^2\ \Phi_{66}^3\ \Phi_{33}^2\ \Phi_{24}^3\ \Phi_{22}^3\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
126881	1696	1105	$\frac{9}{221}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{1105}^2\ \Phi_{85}\ \Phi_{65}^2$
126882	1696	100	$\frac{1}{25}$	$\frac{3}{50}$	$\frac{1}{5}$	$\frac{47}{100}$	$\Phi_{100}^{32}\ \Phi_{25}^4\ \Phi_{20}^{32}\ \Phi_5^3\ \Phi_4^{32}\ \Phi_1^4$
126883	1696	270	$\frac{1}{54}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{270}^6\ \Phi_{135}^6\ \Phi_{90}^6\ \Phi_{54}^8\ \Phi_{45}^6\ \Phi_{30}^6\ \Phi_{27}^8\ \Phi_{18}^8\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_9^8\ \Phi_6^8\ \Phi_5^4\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
126884	1696	315	$\frac{2}{105}$	$\frac{1}{15}$	$\frac{103}{315}$	$\frac{7}{15}$	$\Phi_{315}^8\ \Phi_{63}^8\ \Phi_{45}^8\ \Phi_{15}\ \Phi_9^8\ \Phi_5\ \Phi_3\ \Phi_1^2$
126885	1696	435	$\frac{11}{435}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{435}^4\ \Phi_{145}^4\ \Phi_{87}^4\ \Phi_{29}^4\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
126886	1696	210	$\frac{1}{35}$	$\frac{1}{15}$	$\frac{17}{70}$	$\frac{7}{15}$	$\Phi_{210}^{10}\ \Phi_{105}^5\ \Phi_{70}^{12}\ \Phi_{42}^{10}\ \Phi_{35}^6\ \Phi_{30}^{10}\ \Phi_{21}^5\ \Phi_{15}^6\ \Phi_{14}^{12}\ \Phi_{10}^{12}\ \Phi_7^6\ \Phi_6^{10}\ \Phi_5^7\ \Phi_3^6\ \Phi_2^{12}\ \Phi_1^8$
126887	1696	165	$\frac{2}{55}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{165}^{10}\ \Phi_{55}^{12}\ \Phi_{33}^{10}\ \Phi_{15}^6\ \Phi_{11}^{12}\ \Phi_5^7\ \Phi_3^6\ \Phi_1^8$
126888	1696	525	$\frac{4}{105}$	$\frac{1}{15}$	$\frac{101}{525}$	$\frac{7}{15}$	$\Phi_{525}^4\ \Phi_{175}^4\ \Phi_{75}^4\ \Phi_{25}^4\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
126889	1696	315	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{10}{63}$	$\frac{7}{15}$	$\Phi_{315}^6\ \Phi_{105}^3\ \Phi_{63}^8\ \Phi_{45}^6\ \Phi_{35}^3\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_9^8\ \Phi_7^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
126890	1696	840	$\frac{3}{56}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^4\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{28}^4\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^4\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
126891	1696	225	$\frac{13}{225}$	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{7}{15}$	$\Phi_{225}^8\ \Phi_{75}^8\ \Phi_{45}^8\ \Phi_{25}^8\ \Phi_{15}\ \Phi_9^8\ \Phi_5\ \Phi_3\ \Phi_1^2$
126892	1696	60	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{7}{15}$	$\Phi_{60}^{32}\ \Phi_{30}^{32}\ \Phi_{20}^{32}\ \Phi_{15}^{17}\ \Phi_{12}^{32}\ \Phi_{10}^{32}\ \Phi_6^{32}\ \Phi_5^{17}\ \Phi_4^{32}\ \Phi_3^{17}\ \Phi_2^{32}\ \Phi_1^{18}$
126893	1696	945	$\frac{1}{15}$	$\frac{8}{105}$	$\frac{97}{945}$	$\frac{7}{15}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
126894	1696	594	$\frac{1}{54}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{594}^3\ \Phi_{297}^3\ \Phi_{198}^3\ \Phi_{99}^3\ \Phi_{66}^3\ \Phi_{54}^2\ \Phi_{33}^3\ \Phi_{27}^2\ \Phi_{22}^3\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
126895	1696	1056	$\frac{1}{33}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{1056}^3\ \Phi_{352}^3\ \Phi_{96}^2\ \Phi_{66}^3\ \Phi_{33}^2\ \Phi_{32}^2\ \Phi_{22}^3\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
126896	1696	765	$\frac{2}{85}$	$\frac{83}{765}$	$\frac{1}{5}$	$\frac{341}{765}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^2\ \Phi_{85}^4\ \Phi_{51}^2\ \Phi_{45}^2\ \Phi_{17}^4\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^3\ \Phi_3^2\ \Phi_1^4$
126897	1696	113	$\frac{7}{113}$	$\frac{9}{113}$	$\frac{13}{113}$	$\frac{50}{113}$	$\Phi_{113}^{15}\ \Phi_1^{16}$
126898	1696	1695	$\frac{23}{1695}$	$\frac{209}{1695}$	$\frac{476}{1695}$	$\frac{743}{1695}$	$\Phi_{1695}\ \Phi_{565}\ \Phi_{339}\ \Phi_{113}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
126899	1696	849	$\frac{3}{283}$	$\frac{35}{283}$	$\frac{1}{3}$	$\frac{124}{283}$	$\Phi_{849}^3\ \Phi_3^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
126900	1696	113	$\frac{7}{113}$	$\frac{8}{113}$	$\frac{15}{113}$	$\frac{49}{113}$	$\Phi_{113}^{15}\ \Phi_{1}^{16}$
126901	1696	2247	$\frac{1}{107}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{2247}\ \Phi_{321}^{2}$
126902	1696	1477	$\frac{3}{211}$	$\frac{1}{7}$	$\frac{52}{211}$	$\frac{3}{7}$	$\Phi_{1477}\ \Phi_{211}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
126903	1696	1890	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}^{2}\ \Phi_{210}\ \Phi_{135}^{2}\ \Phi_{105}\ \Phi_{90}^{2}\ \Phi_{70}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
126904	1696	225	$\frac{13}{225}$	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{19}{45}$	$\Phi_{225}^{8}\ \Phi_{75}^{8}\ \Phi_{45}^{6}\ \Phi_{25}^{8}\ \Phi_{15}^{5}\ \Phi_{9}^{6}\ \Phi_{5}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
126905	1696	660	$\frac{1}{33}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{220}^{3}\ \Phi_{165}^{3}\ \Phi_{110}^{3}\ \Phi_{66}^{3}\ \Phi_{60}^{2}\ \Phi_{55}^{3}\ \Phi_{33}^{2}\ \Phi_{30}^{2}\ \Phi_{22}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126906	1696	1819	$\frac{1}{107}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	Φ_{1819}
126907	1696	990	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{990}^{3}\ \Phi_{330}^{3}\ \Phi_{198}^{3}\ \Phi_{110}^{3}\ \Phi_{99}^{3}\ \Phi_{90}^{2}\ \Phi_{66}^{3}\ \Phi_{33}^{2}\ \Phi_{30}^{2}\ \Phi_{22}^{3}\ \Phi_{18}^{2}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126908	1696	1695	$\frac{19}{1695}$	$\frac{319}{1695}$	$\frac{419}{1695}$	$\frac{688}{1695}$	$\Phi_{1695}\ \Phi_{565}\ \Phi_{339}\ \Phi_{113}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
126909	1696	1425	$\frac{14}{285}$	$\frac{1}{15}$	$\frac{271}{1425}$	$\frac{577}{1425}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{285}^{2}\ \Phi_{95}^{2}\ \Phi_{75}\ \Phi_{57}^{2}\ \Phi_{25}\ \Phi_{19}^{2}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
126910	1696	215	$\frac{3}{215}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{215}^{8}\ \Phi_{43}^{8}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
126911	1696	455	$\frac{3}{65}$	$\frac{31}{455}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{455}^{4}\ \Phi_{91}^{4}\ \Phi_{65}^{2}\ \Phi_{35}^{4}\ \Phi_{13}^{2}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
126912	1696	594	$\frac{1}{54}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{594}^{3}\ \Phi_{297}^{3}\ \Phi_{198}^{3}\ \Phi_{99}^{3}\ \Phi_{66}^{3}\ \Phi_{54}^{2}\ \Phi_{33}^{2}\ \Phi_{27}^{2}\ \Phi_{22}^{3}\ \Phi_{18}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
126913	1696	113	$\frac{5}{113}$	$\frac{7}{113}$	$\frac{27}{113}$	$\frac{43}{113}$	$\Phi_{113}^{15}\ \Phi_{1}^{16}$
126914	1696	565	$\frac{9}{565}$	$\frac{88}{565}$	$\frac{139}{565}$	$\frac{213}{565}$	$\Phi_{565}^{3}\ \Phi_{113}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
126915	1696	85	$\frac{1}{85}$	$\frac{1}{5}$	$\frac{21}{85}$	$\frac{32}{85}$	$\Phi_{85}^{20}\ \Phi_{17}^{20}\ \Phi_{5}^{19}\ \Phi_{1}^{20}$
126916	1696	1695	$\frac{11}{1695}$	$\frac{421}{1695}$	$\frac{529}{1695}$	$\frac{637}{1695}$	$\Phi_{1695}\ \Phi_{565}\ \Phi_{339}\ \Phi_{113}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
126917	1696	849	$\frac{5}{849}$	$\frac{211}{849}$	$\frac{1}{3}$	$\frac{319}{849}$	$\Phi_{849}^{2}\ \Phi_{283}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
126918	1696	339	$\frac{1}{113}$	$\frac{28}{113}$	$\frac{85}{339}$	$\frac{127}{339}$	$\Phi_{339}^{4}\ \Phi_{113}^{7}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
126919	1696	1275	$\frac{4}{425}$	$\frac{1}{5}$	$\frac{421}{1275}$	$\frac{427}{1275}$	$\Phi_{1275}\ \Phi_{425}^{2}\ \Phi_{255}\ \Phi_{85}^{2}\ \Phi_{75}\ \Phi_{51}\ \Phi_{25}^{2}\ \Phi_{17}^{2}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
126920	1696	213	$\frac{1}{213}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{213}^{8}\ \Phi_{71}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
126921	1696	1269	$\frac{2}{423}$	$\frac{421}{1269}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1269}^{2}\ \Phi_{27}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
126922	1696	141	$\frac{1}{141}$	$\frac{35}{141}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{141}^{12}\ \Phi_{47}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
126923	1696	855	$\frac{7}{855}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{855}^{2}\ \Phi_{285}^{2}\ \Phi_{171}^{2}\ \Phi_{95}^{2}\ \Phi_{57}^{2}\ \Phi_{45}^{2}\ \Phi_{19}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
126924	1696	1605	$\frac{1}{107}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1605}\ \Phi_{535}^{2}$
126925	1696	987	$\frac{2}{141}$	$\frac{139}{987}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{987}^{2}\ \Phi_{329}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
126926	1696	423	$\frac{7}{423}$	$\frac{52}{423}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{423}^{4}\ \Phi_{141}^{4}\ \Phi_{47}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
126927	1696	54	$\frac{1}{54}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{54}^{32}\ \Phi_{27}^{32}\ \Phi_{18}^{32}\ \Phi_{9}^{28}\ \Phi_{6}^{32}\ \Phi_{3}^{29}\ \Phi_{2}^{32}\ \Phi_{1}^{30}$
126928	1696	705	$\frac{1}{47}$	$\frac{23}{235}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{705}^{2}\ \Phi_{235}^{4}\ \Phi_{141}\ \Phi_{47}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
126929	1696	315	$\frac{2}{105}$	$\frac{1}{9}$	$\frac{103}{315}$	$\frac{1}{3}$	$\Phi_{315}^{5}\ \Phi_{105}^{6}\ \Phi_{63}^{5}\ \Phi_{45}^{5}\ \Phi_{35}^{6}\ \Phi_{21}^{6}\ \Phi_{15}^{6}\ \Phi_{9}^{7}\ \Phi_{7}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
126930	1696	1326	$\frac{1}{26}$	$\frac{1}{17}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{442}^{2}\ \Phi_{221}^{2}\ \Phi_{102}\ \Phi_{51}^{2}\ \Phi_{34}^{2}\ \Phi_{17}^{2}$
126931	1696	270	$\frac{1}{54}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{270}^{6}\ \Phi_{135}^{6}\ \Phi_{90}^{6}\ \Phi_{54}^{8}\ \Phi_{45}^{5}\ \Phi_{30}^{6}\ \Phi_{27}^{8}\ \Phi_{18}^{8}\ \Phi_{15}^{6}\ \Phi_{10}^{6}\ \Phi_{9}^{7}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
126932	1696	849	$\frac{3}{283}$	$\frac{70}{283}$	$\frac{71}{283}$	$\frac{1}{3}$	$\Phi_{849}^{3}\ \Phi_{3}^{2}$
126933	1696	2856	$\frac{3}{56}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{408}\ \Phi_{357}\ \Phi_{51}$
126934	1696	3165	$\frac{3}{211}$	$\frac{1}{5}$	$\frac{52}{211}$	$\frac{1}{3}$	$\Phi_{3165}\ \Phi_{15}^{2}$
126935	1696	849	$\frac{13}{849}$	$\frac{160}{849}$	$\frac{209}{849}$	$\frac{1}{3}$	$\Phi_{849}^{2}\ \Phi_{283}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
126936	1696	630	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{17}{70}$	$\frac{1}{3}$	$\Phi_{630}^4\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{126}^4\ \Phi_{105}\ \Phi_{90}^4\ \Phi_{70}^4\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
126937	1696	270	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{270}^6\ \Phi_{135}^6\ \Phi_{90}^6\ \Phi_{54}^8\ \Phi_{45}^6\ \Phi_{30}^6\ \Phi_{27}^8\ \Phi_{18}^8\ \Phi_{15}^3\ \Phi_{10}^6\ \Phi_9^8\ \Phi_6^8\ \Phi_5^6\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
126938	1696	495	$\frac{2}{55}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{495}^4\ \Phi_{165}^2\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{15}\ \Phi_{11}^4\ \Phi_9^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
126939	1696	3315	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{3315}\ \Phi_{255}\ \Phi_{51}$
126940	1696	63	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{10}{63}$	$\frac{1}{3}$	$\Phi_{63}^{26}\ \Phi_{21}^{28}\ \Phi_9^{28}\ \Phi_7^{28}\ \Phi_3^{29}\ \Phi_1^{30}$
126941	1696	504	$\frac{3}{56}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^2\ \Phi_{126}^4\ \Phi_{84}^2\ \Phi_{72}^4\ \Phi_{63}^2\ \Phi_{56}^4\ \Phi_{42}^2\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_9^4\ \Phi_8^4\ \Phi_7^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
126942	1696	225	$\frac{13}{225}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{225}^8\ \Phi_{75}^8\ \Phi_{45}^5\ \Phi_{25}^8\ \Phi_{15}^6\ \Phi_9^7\ \Phi_5^6\ \Phi_3^7\ \Phi_1^8$
126943	1696	180	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{7}{60}$	$\frac{1}{3}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}^8\ \Phi_{45}^6\ \Phi_{36}^{12}\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{18}^{12}\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_9^8\ \Phi_6^8\ \Phi_5^4\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
126944	1696	693	$\frac{19}{231}$	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{693}^3\ \Phi_{231}^2\ \Phi_{99}^3\ \Phi_{77}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
126945	1696	315	$\frac{2}{105}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{103}{315}$	$\Phi_{315}^8\ \Phi_{63}^8\ \Phi_{45}^8\ \Phi_9^8\ \Phi_5^3\ \Phi_1^4$
126946	1696	255	$\frac{2}{85}$	$\frac{43}{255}$	$\frac{1}{5}$	$\frac{83}{255}$	$\Phi_{255}^6\ \Phi_{85}^8\ \Phi_{51}^6\ \Phi_{17}^8\ \Phi_{15}^6\ \Phi_5^7\ \Phi_3^6\ \Phi_1^8$
126947	1696	2418	$\frac{1}{26}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{25}{78}$	$\Phi_{2418}\ \Phi_{1209}\ \Phi_{186}\ \Phi_{93}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{31}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
126948	1696	1170	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{25}{78}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{390}\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{90}^2\ \Phi_{65}^2\ \Phi_{45}^3\ \Phi_{30}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
126949	1696	2295	$\frac{1}{17}$	$\frac{35}{459}$	$\frac{1}{5}$	$\frac{16}{51}$	$\Phi_{2295}\ \Phi_{765}\ \Phi_{135}\ \Phi_{85}\ \Phi_{45}$
126950	1696	765	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{1}{5}$	$\frac{47}{153}$	$\Phi_{765}^4\ \Phi_{85}\ \Phi_{45}^4$
126951	1696	225	$\frac{13}{225}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{75}$	$\Phi_{225}^8\ \Phi_{75}^6\ \Phi_{45}^8\ \Phi_{25}^8\ \Phi_{15}^6\ \Phi_9^8\ \Phi_5^7\ \Phi_3^6\ \Phi_1^8$
126952	1696	1215	$\frac{1}{15}$	$\frac{38}{405}$	$\frac{7}{45}$	$\frac{367}{1215}$	$\Phi_{1215}^2\ \Phi_{243}^2\ \Phi_{45}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
126953	1696	75	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{22}{75}$	$\Phi_{75}^{32}\ \Phi_{25}^4\ \Phi_{15}^{32}\ \Phi_5^3\ \Phi_3^{32}\ \Phi_1^4$
126954	1696	180	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{2}{15}$	$\frac{13}{45}$	$\Phi_{180}^{15}\ \Phi_{90}^{15}\ \Phi_{60}^2\ \Phi_{45}^8\ \Phi_{36}^{15}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^{15}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^8\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
126955	1696	945	$\frac{1}{15}$	$\frac{97}{945}$	$\frac{7}{45}$	$\frac{38}{135}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
126956	1696	435	$\frac{11}{435}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{435}^4\ \Phi_{145}^4\ \Phi_{87}^4\ \Phi_{29}^4\ \Phi_5^3\ \Phi_1^4$
126957	1696	792	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{792}^3\ \Phi_{396}^3\ \Phi_{198}^3\ \Phi_{99}^3\ \Phi_{72}^2\ \Phi_{66}^3\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
126958	1696	565	$\frac{9}{565}$	$\frac{139}{565}$	$\frac{141}{565}$	$\frac{142}{565}$	$\Phi_{565}^3\ \Phi_{113}^3\ \Phi_5^3\ \Phi_1^4$
126959	1696	1736	$\frac{3}{56}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{4}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{434}\ \Phi_{248}\ \Phi_{217}\ \Phi_{56}^2\ \Phi_{31}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_1^2$
126960	1696	2520	$\frac{3}{56}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{360}\ \Phi_{315}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{45}\ \Phi_{15}$
126961	1696	70	$\frac{1}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{17}{70}$	$\Phi_{70}^{32}\ \Phi_{35}^{16}\ \Phi_{14}^{32}\ \Phi_{10}^{32}\ \Phi_7^{16}\ \Phi_5^{19}\ \Phi_2^{32}\ \Phi_1^{20}$
126962	1696	125	$\frac{1}{25}$	$\frac{19}{125}$	$\frac{1}{5}$	$\frac{6}{25}$	$\Phi_{125}^{16}\ \Phi_{25}^4\ \Phi_5^3\ \Phi_1^4$
126963	1696	595	$\frac{1}{17}$	$\frac{13}{119}$	$\frac{1}{5}$	$\frac{4}{17}$	$\Phi_{595}^4\ \Phi_{85}\ \Phi_{35}^4$
126964	1696	275	$\frac{2}{25}$	$\frac{23}{275}$	$\frac{1}{5}$	$\frac{63}{275}$	$\Phi_{275}^6\ \Phi_{55}^6\ \Phi_{25}^8\ \Phi_{11}^6\ \Phi_5^7\ \Phi_1^8$
126965	1696	2015	$\frac{1}{13}$	$\frac{3}{31}$	$\frac{12}{65}$	$\frac{7}{31}$	$\Phi_{2015}\ \Phi_{155}\ \Phi_{65}^2\ \Phi_{31}\ \Phi_5^2\ \Phi_1^2$
126966	1696	113	$\frac{7}{113}$	$\frac{13}{113}$	$\frac{22}{113}$	$\frac{25}{113}$	$\Phi_{113}^{15}\ \Phi_1^{16}$
126967	1696	340	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{15}{68}$	$\Phi_{340}^8\ \Phi_{170}^8\ \Phi_{85}\ \Phi_{20}^8\ \Phi_{10}^8$
126968	1696	135	$\frac{1}{15}$	$\frac{19}{135}$	$\frac{7}{45}$	$\frac{29}{135}$	$\Phi_{135}^{12}\ \Phi_{45}^{14}\ \Phi_{27}^{12}\ \Phi_{15}^{13}\ \Phi_9^{14}\ \Phi_5^{13}\ \Phi_3^{13}\ \Phi_1^{14}$
126969	1696	55	$\frac{2}{55}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{55}^{32}\ \Phi_{11}^{32}\ \Phi_5^{19}\ \Phi_1^{20}$
126970	1696	525	$\frac{4}{105}$	$\frac{101}{525}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{525}^4\ \Phi_{175}^4\ \Phi_{75}^4\ \Phi_{25}^4\ \Phi_5^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
126971	1696	315	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{315}^{6}\ \Phi_{105}^{3}\ \Phi_{63}^{8}\ \Phi_{45}^{6}\ \Phi_{35}^{3}\ \Phi_{21}^{4}\ \Phi_{15}^{3}\ \Phi_{9}^{8}\ \Phi_{7}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
126972	1696	280	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{280}^{6}\ \Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{56}^{8}\ \Phi_{40}^{6}\ \Phi_{35}^{3}\ \Phi_{28}^{8}\ \Phi_{20}^{6}\ \Phi_{14}^{8}\ \Phi_{10}^{6}\ \Phi_{8}^{8}\ \Phi_{7}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
126973	1696	245	$\frac{2}{35}$	$\frac{33}{245}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{245}^{8}\ \Phi_{49}^{8}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
126974	1696	225	$\frac{13}{225}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{225}^{8}\ \Phi_{75}^{8}\ \Phi_{45}^{8}\ \Phi_{25}^{8}\ \Phi_{9}^{8}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
126975	1696	60	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{60}^{32}\ \Phi_{30}^{32}\ \Phi_{20}^{32}\ \Phi_{15}^{16}\ \Phi_{12}^{32}\ \Phi_{10}^{32}\ \Phi_{6}^{32}\ \Phi_{5}^{19}\ \Phi_{4}^{32}\ \Phi_{3}^{16}\ \Phi_{2}^{32}\ \Phi_{1}^{20}$
126976	1696	455	$\frac{31}{455}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{455}^{4}\ \Phi_{91}^{4}\ \Phi_{65}^{4}\ \Phi_{13}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
126977	1696	585	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{12}{65}$	$\frac{1}{5}$	$\Phi_{585}^{3}\ \Phi_{195}^{3}\ \Phi_{117}^{4}\ \Phi_{45}^{4}\ \Phi_{39}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{4}$
126978	1696	255	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{43}{255}$	$\frac{1}{5}$	$\Phi_{255}^{6}\ \Phi_{85}^{7}\ \Phi_{51}^{8}\ \Phi_{17}^{8}\ \Phi_{15}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
126979	1697	2040	$\frac{3}{340}$	$\frac{343}{2040}$	$\frac{1}{4}$	$\frac{337}{680}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{120}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{34}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
126980	1697	3360	$\frac{17}{1680}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1663}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
126981	1697	3360	$\frac{17}{1680}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1663}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
126982	1697	2272	$\frac{7}{568}$	$\frac{1}{8}$	$\frac{575}{2272}$	$\frac{561}{1136}$	$\Phi_{2272}\ \Phi_{568}\ \Phi_{284}\ \Phi_{142}\ \Phi_{71}\ \Phi_{32}\ \Phi_{1}$
126983	1697	3328	$\frac{33}{1664}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{1631}{3328}$	$\Phi_{3328}\ \Phi_{256}\ \Phi_{64}\ \Phi_{1}$
126984	1697	1800	$\frac{3}{100}$	$\frac{103}{1800}$	$\frac{1}{4}$	$\frac{97}{200}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
126985	1697	2496	$\frac{1}{32}$	$\frac{33}{832}$	$\frac{799}{2496}$	$\frac{31}{64}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{192}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{64}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
126986	1697	1792	$\frac{1}{32}$	$\frac{95}{1792}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
126987	1697	3264	$\frac{1}{32}$	$\frac{65}{1632}$	$\frac{31}{96}$	$\frac{1567}{3264}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
126988	1697	3264	$\frac{65}{1632}$	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{1567}{3264}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{192}\ \Phi_{68}\ \Phi_{64}\ \Phi_{34}\ \Phi_{17}\ \Phi_{1}$
126989	1697	1768	$\frac{71}{1768}$	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{442}\ \Phi_{221}\ \Phi_{104}\ \Phi_{68}\ \Phi_{52}\ \Phi_{34}\ \Phi_{26}\ \Phi_{17}\ \Phi_{13}\ \Phi_{1}$
126990	1697	2304	$\frac{1}{32}$	$\frac{31}{576}$	$\frac{607}{2304}$	$\frac{545}{1152}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
126991	1697	3200	$\frac{3}{100}$	$\frac{97}{1600}$	$\frac{1}{4}$	$\frac{1503}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{128}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
126992	1697	3180	$\frac{1}{53}$	$\frac{107}{1590}$	$\frac{52}{159}$	$\frac{1483}{3180}$	$\Phi_{3180}\ \Phi_{1060}\ \Phi_{636}\ \Phi_{212}\ \Phi_{159}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
126993	1697	2332	$\frac{1}{53}$	$\frac{52}{583}$	$\frac{635}{2332}$	$\frac{531}{1166}$	$\Phi_{2332}\ \Phi_{583}\ \Phi_{212}\ \Phi_{44}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
126994	1697	3072	$\frac{1}{32}$	$\frac{161}{1536}$	$\frac{31}{192}$	$\frac{1375}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
126995	1697	1720	$\frac{23}{1720}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1720}\ \Phi_{860}\ \Phi_{430}\ \Phi_{344}\ \Phi_{215}\ \Phi_{172}\ \Phi_{86}\ \Phi_{43}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
126996	1697	1920	$\frac{1}{32}$	$\frac{223}{1920}$	$\frac{31}{192}$	$\frac{161}{384}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
126997	1697	2880	$\frac{1}{32}$	$\frac{31}{288}$	$\frac{257}{1440}$	$\frac{1183}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
126998	1697	2720	$\frac{3}{340}$	$\frac{337}{1360}$	$\frac{1}{4}$	$\frac{1023}{2720}$	$\Phi_{2720}\ \Phi_{544}\ \Phi_{340}\ \Phi_{170}\ \Phi_{160}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}\ \Phi_{32}\ \Phi_{20}\ \Phi_{17}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
126999	1697	1728	$\frac{31}{1728}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
127000	1697	1908	$\frac{1}{53}$	$\frac{211}{1908}$	$\frac{52}{159}$	$\frac{107}{318}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{636}\ \Phi_{477}\ \Phi_{212}\ \Phi_{159}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
127001	1697	2544	$\frac{1}{212}$	$\frac{211}{636}$	$\frac{847}{2544}$	$\frac{425}{1272}$	$\Phi_{2544}\ \Phi_{848}\ \Phi_{636}\ \Phi_{318}\ \Phi_{159}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
127002	1697	2385	$\frac{1}{53}$	$\frac{107}{795}$	$\frac{688}{2385}$	$\frac{52}{159}$	$\Phi_{2385}\ \Phi_{477}\ \Phi_{159}\ \Phi_{45}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
127003	1697	2520	$\frac{17}{840}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{823}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
127004	1697	2520	$\frac{17}{840}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{823}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
127005	1697	1836	$\frac{3}{68}$	$\frac{139}{1836}$	$\frac{1}{4}$	$\frac{65}{204}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{153}\ \Phi_{108}\ \Phi_{68}\ \Phi_{54}\ \Phi_{36}\ \Phi_{34}\ \Phi_{27}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
127006	1697	2448	$\frac{3}{68}$	$\frac{65}{816}$	$\frac{1}{4}$	$\frac{751}{2448}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{144}\ \Phi_{72}\ \Phi_{68}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
127007	1697	2400	$\frac{3}{100}$	$\frac{97}{800}$	$\frac{1}{4}$	$\frac{703}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
127008	1697	2016	$\frac{17}{336}$	$\frac{1}{8}$	$\frac{319}{2016}$	$\frac{7}{24}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
127009	1697	1800	$\frac{103}{1800}$	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{7}{24}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
127010	1697	1920	$\frac{17}{240}$	$\frac{223}{1920}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
127011	1697	1848	$\frac{151}{1848}$	$\frac{17}{168}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
127012	1697	1740	$\frac{43}{1740}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{290}\ \Phi_{174}\ \Phi_{145}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}\ \Phi_{29}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
127013	1697	2304	$\frac{1}{32}$	$\frac{31}{192}$	$\frac{161}{768}$	$\frac{607}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
127014	1697	2000	$\frac{3}{100}$	$\frac{303}{2000}$	$\frac{97}{400}$	$\frac{1}{4}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{125}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
127015	1697	2240	$\frac{17}{560}$	$\frac{3}{20}$	$\frac{543}{2240}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
127016	1697	1904	$\frac{3}{68}$	$\frac{207}{1904}$	$\frac{65}{272}$	$\frac{1}{4}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{119}\ \Phi_{112}\ \Phi_{68}\ \Phi_{56}\ \Phi_{34}\ \Phi_{28}\ \Phi_{17}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
127017	1697	2176	$\frac{3}{68}$	$\frac{65}{544}$	$\frac{479}{2176}$	$\frac{1}{4}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{128}\ \Phi_{68}\ \Phi_{64}\ \Phi_{34}\ \Phi_{17}\ \Phi_{1}$
127018	1697	1760	$\frac{63}{1760}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
127019	1697	2100	$\frac{17}{420}$	$\frac{3}{20}$	$\frac{403}{2100}$	$\frac{1}{4}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
127020	1697	2040	$\frac{3}{68}$	$\frac{65}{408}$	$\frac{343}{2040}$	$\frac{1}{4}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{120}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{40}\ \Phi_{34}\ \Phi_{30}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
127021	1697	1800	$\frac{103}{1800}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
127022	1697	1960	$\frac{17}{280}$	$\frac{263}{1960}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{245}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
127023	1697	1820	$\frac{123}{1820}$	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{182}\ \Phi_{130}\ \Phi_{91}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
127024	1697	1920	$\frac{17}{240}$	$\frac{223}{1920}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
127025	1698	2820	$\frac{1}{282}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{281}{564}$	$\Phi_{2820}\ \Phi_{940}\ \Phi_{564}^2\ \Phi_{188}^2\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
127026	1698	564	$\frac{1}{282}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{281}{564}$	$\Phi_{564}^2\ \Phi_{282}^4\ \Phi_{188}^2\ \Phi_{141}^4\ \Phi_{94}^4\ \Phi_{47}^4\ \Phi_{12}^3\ \Phi_{6}^5\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
127027	1698	5070	$\frac{4}{845}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{841}{1690}$	$\Phi_{5070}\ \Phi_{1014}\ \Phi_{390}\ \Phi_{78}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
127028	1698	756	$\frac{1}{189}$	$\frac{1}{4}$	$\frac{95}{378}$	$\frac{94}{189}$	$\Phi_{756}^3\ \Phi_{378}\ \Phi_{252}^3\ \Phi_{189}^2\ \Phi_{126}\ \Phi_{108}^3\ \Phi_{84}^3\ \Phi_{63}^2\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}^3\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{6}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
127029	1698	1020	$\frac{1}{170}$	$\frac{57}{340}$	$\frac{1}{3}$	$\frac{169}{340}$	$\Phi_{1020}^2\ \Phi_{510}^3\ \Phi_{255}^3\ \Phi_{204}^2\ \Phi_{102}^3\ \Phi_{60}^2\ \Phi_{51}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{6}^3\ \Phi_{3}^2$
127030	1698	1680	$\frac{3}{280}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{277}{560}$	$\Phi_{1680}^3\ \Phi_{336}^3\ \Phi_{240}^3\ \Phi_{48}^3\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
127031	1698	560	$\frac{3}{280}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{277}{560}$	$\Phi_{560}^6\ \Phi_{112}^6\ \Phi_{80}^6\ \Phi_{28}\ \Phi_{16}^6\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
127032	1698	324	$\frac{1}{81}$	$\frac{41}{324}$	$\frac{1}{4}$	$\frac{40}{81}$	$\Phi_{324}^5\ \Phi_{162}^5\ \Phi_{108}^5\ \Phi_{81}^6\ \Phi_{54}^5\ \Phi_{36}^5\ \Phi_{27}^6\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^6\ \Phi_6^5\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
127033	1698	1116	$\frac{4}{279}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{275}{558}$	$\Phi_{1116}^2\ \Phi_{372}^2\ \Phi_{279}^2\ \Phi_{124}^2\ \Phi_{93}^2\ \Phi_{36}^3\ \Phi_{31}^2\ \Phi_{18}\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
127034	1698	1260	$\frac{1}{63}$	$\frac{32}{315}$	$\frac{1}{4}$	$\frac{31}{63}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{126}\ \Phi_{90}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
127035	1698	4998	$\frac{16}{833}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{817}{1666}$	$\Phi_{4998}\ \Phi_{714}\ \Phi_{294}\ \Phi_{102}\ \Phi_{51}\ \Phi_{42}\ \Phi_6$
127036	1698	300	$\frac{1}{50}$	$\frac{17}{300}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{300}^5\ \Phi_{150}^6\ \Phi_{100}^6\ \Phi_{75}^6\ \Phi_{60}^5\ \Phi_{50}^6\ \Phi_{30}^6\ \Phi_{25}^6\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{12}^5\ \Phi_{10}^6\ \Phi_6^6\ \Phi_5^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
127037	1698	1650	$\frac{8}{275}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{267}{550}$	$\Phi_{1650}^3\ \Phi_{330}^3\ \Phi_{150}^3\ \Phi_{75}\ \Phi_{66}^3\ \Phi_{30}^3\ \Phi_{15}\ \Phi_6^3$
127038	1698	2652	$\frac{1}{34}$	$\frac{35}{884}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{663}\ \Phi_{156}\ \Phi_{102}\ \Phi_{78}\ \Phi_{51}\ \Phi_{39}\ \Phi_6$
127039	1698	1092	$\frac{10}{273}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{263}{546}$	$\Phi_{1092}^2\ \Phi_{364}^2\ \Phi_{273}^2\ \Phi_{156}^2\ \Phi_{91}^2\ \Phi_{84}^3\ \Phi_{52}^2\ \Phi_{42}\ \Phi_{39}^2\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
127040	1698	1188	$\frac{1}{27}$	$\frac{14}{297}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{108}\ \Phi_{66}^2\ \Phi_{54}\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{22}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
127041	1698	1632	$\frac{1}{34}$	$\frac{11}{272}$	$\frac{1}{3}$	$\frac{261}{544}$	$\Phi_{1632}^3\ \Phi_{102}\ \Phi_{96}^3\ \Phi_{51}\ \Phi_6$
127042	1698	588	$\frac{11}{294}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{588}^4\ \Phi_{294}^2\ \Phi_{196}^4\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{84}^3\ \Phi_{49}^2\ \Phi_{42}\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
127043	1698	540	$\frac{1}{27}$	$\frac{13}{270}$	$\frac{1}{4}$	$\frac{257}{540}$	$\Phi_{540}^2\ \Phi_{270}^4\ \Phi_{180}^2\ \Phi_{135}^4\ \Phi_{108}^3\ \Phi_{90}^4\ \Phi_{60}^2\ \Phi_{54}^5\ \Phi_{45}^4\ \Phi_{36}^3\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{20}^2\ \Phi_{18}^5\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^5\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
127044	1698	4800	$\frac{1}{50}$	$\frac{49}{800}$	$\frac{1}{3}$	$\frac{751}{1600}$	$\Phi_{4800}\ \Phi_{960}\ \Phi_{192}\ \Phi_{150}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
127045	1698	2580	$\frac{11}{860}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{645}\ \Phi_{516}\ \Phi_{258}\ \Phi_{129}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
127046	1698	510	$\frac{1}{85}$	$\frac{28}{255}$	$\frac{1}{3}$	$\frac{227}{510}$	$\Phi_{510}^6\ \Phi_{255}\ \Phi_{170}^6\ \Phi_{102}^6\ \Phi_{51}\ \Phi_{34}^6\ \Phi_{30}^6\ \Phi_{15}\ \Phi_{10}^6\ \Phi_6^6\ \Phi_2^6$
127047	1698	288	$\frac{5}{288}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{288}^6\ \Phi_{144}^6\ \Phi_{96}^6\ \Phi_{72}^6\ \Phi_{48}^6\ \Phi_{36}^5\ \Phi_{32}^6\ \Phi_{24}^6\ \Phi_{18}^5\ \Phi_{16}^6\ \Phi_{12}^5\ \Phi_9^6\ \Phi_8^6\ \Phi_6^5\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
127048	1698	504	$\frac{1}{63}$	$\frac{31}{252}$	$\frac{1}{4}$	$\frac{221}{504}$	$\Phi_{504}^6\ \Phi_{252}\ \Phi_{168}^6\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}^6\ \Phi_{56}^6\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}^6\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
127049	1698	1148	$\frac{4}{287}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1148}^2\ \Phi_{574}^2\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{28}\ \Phi_{14}$
127050	1698	972	$\frac{1}{81}$	$\frac{40}{243}$	$\frac{1}{4}$	$\frac{203}{486}$	$\Phi_{972}^2\ \Phi_{324}^3\ \Phi_{243}^2\ \Phi_{162}\ \Phi_{108}^3\ \Phi_{81}^2\ \Phi_{54}\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{18}\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
127051	1698	285	$\frac{2}{285}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{285}^6\ \Phi_{95}^6\ \Phi_{57}^6\ \Phi_{19}^6\ \Phi_{15}^5\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
127052	1698	2115	$\frac{1}{141}$	$\frac{1}{5}$	$\frac{140}{423}$	$\frac{2}{5}$	$\Phi_{2115}\ \Phi_{423}^2\ \Phi_{45}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
127053	1698	1880	$\frac{1}{94}$	$\frac{1}{5}$	$\frac{93}{376}$	$\frac{2}{5}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{376}^2\ \Phi_{188}^2\ \Phi_{40}\ \Phi_{20}\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
127054	1698	1440	$\frac{5}{288}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{288}^2\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}^2\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
127055	1698	1645	$\frac{1}{47}$	$\frac{46}{329}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1645}\ \Phi_{329}^2\ \Phi_{35}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
127056	1698	4080	$\frac{1}{170}$	$\frac{169}{680}$	$\frac{1}{3}$	$\frac{511}{1360}$	$\Phi_{4080}\ \Phi_{816}\ \Phi_{510}\ \Phi_{255}\ \Phi_{240}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
127057	1698	2016	$\frac{5}{288}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
127058	1698	2982	$\frac{1}{71}$	$\frac{1}{7}$	$\frac{70}{213}$	$\frac{143}{426}$	$\Phi_{2982}\ \Phi_{994}\ \Phi_{497}\ \Phi_{42}\ \Phi_{14}$
127059	1698	1140	$\frac{2}{285}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{228}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{60}^2\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
127060	1698	1692	$\frac{1}{141}$	$\frac{1}{4}$	$\frac{140}{423}$	$\frac{1}{3}$	$\Phi_{1692}^2\ \Phi_{846}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
127061	1698	1020	$\frac{1}{85}$	$\frac{57}{340}$	$\frac{28}{85}$	$\frac{1}{3}$	$\Phi_{1020}^3\ \Phi_{510}^3\ \Phi_{255}\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{60}^3\ \Phi_{51}\ \Phi_{30}^3\ \Phi_{15}\ \Phi_{12}^3\ \Phi_6^3$
127062	1698	420	$\frac{3}{140}$	$\frac{1}{10}$	$\frac{137}{420}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^6\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^6\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{35}^6\ \Phi_{30}^4\ \Phi_{28}^6\ \Phi_{21}^3\ \Phi_{20}^6\ \Phi_{15}^4\ \Phi_{14}^6\ \Phi_{12}^3\ \Phi_{10}^6\ \Phi_7^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
127063	1698	306	$\frac{1}{34}$	$\frac{23}{306}$	$\frac{11}{34}$	$\frac{1}{3}$	$\Phi_{306}^6\ \Phi_{153}^6\ \Phi_{102}^4\ \Phi_{51}^4\ \Phi_{34}^6\ \Phi_{18}^6\ \Phi_{17}^6\ \Phi_9^6\ \Phi_6^4\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
127064	1698	300	$\frac{1}{25}$	$\frac{17}{300}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^6\ \Phi_{75}^4\ \Phi_{60}^6\ \Phi_{50}^6\ \Phi_{30}^6\ \Phi_{25}^6\ \Phi_{20}^6\ \Phi_{15}^4\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_{6}^6\ \Phi_{5}^6\ \Phi_{4}^6\ \Phi_{3}^3\ \Phi_{2}^6\ \Phi_{1}^6$
127065	1698	408	$\frac{1}{34}$	$\frac{11}{136}$	$\frac{125}{408}$	$\frac{1}{3}$	$\Phi_{408}^3\ \Phi_{204}^3\ \Phi_{136}^6\ \Phi_{102}^4\ \Phi_{68}^6\ \Phi_{51}^4\ \Phi_{34}^6\ \Phi_{24}^3\ \Phi_{17}^6\ \Phi_{12}^3\ \Phi_{8}^6\ \Phi_{6}^4\ \Phi_{4}^6\ \Phi_{3}^3\ \Phi_{2}^6\ \Phi_{1}^6$
127066	1698	870	$\frac{7}{290}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{870}^3\ \Phi_{435}^3\ \Phi_{174}^3\ \Phi_{87}^3\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
127067	1698	1200	$\frac{1}{50}$	$\frac{49}{400}$	$\frac{117}{400}$	$\frac{1}{3}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{300}^2\ \Phi_{240}^2\ \Phi_{150}^3\ \Phi_{120}^2\ \Phi_{75}^3\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{6}^3\ \Phi_{3}^2$
127068	1698	1128	$\frac{1}{94}$	$\frac{93}{376}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1128}^3\ \Phi_{564}\ \Phi_{282}^2\ \Phi_{141}^2\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_{6}^3\ \Phi_{3}^2$
127069	1698	2820	$\frac{2}{141}$	$\frac{139}{705}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{940}\ \Phi_{470}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
127070	1698	288	$\frac{5}{288}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{288}^6\ \Phi_{144}^6\ \Phi_{96}^6\ \Phi_{72}^6\ \Phi_{48}^6\ \Phi_{36}^6\ \Phi_{32}^6\ \Phi_{24}^6\ \Phi_{18}^6\ \Phi_{16}^6\ \Phi_{12}^3\ \Phi_{9}^6\ \Phi_{8}^6\ \Phi_{6}^5\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
127071	1698	3948	$\frac{1}{47}$	$\frac{46}{329}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3948}\ \Phi_{1974}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}\ \Phi_{6}$
127072	1698	3000	$\frac{1}{50}$	$\frac{151}{1000}$	$\frac{49}{200}$	$\frac{1}{3}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{375}\ \Phi_{150}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
127073	1698	2856	$\frac{1}{34}$	$\frac{103}{952}$	$\frac{33}{136}$	$\frac{1}{3}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{357}\ \Phi_{168}\ \Phi_{102}\ \Phi_{84}\ \Phi_{51}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
127074	1698	3360	$\frac{9}{280}$	$\frac{1}{10}$	$\frac{271}{1120}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{672}\ \Phi_{480}\ \Phi_{336}\ \Phi_{240}\ \Phi_{96}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
127075	1698	3300	$\frac{1}{25}$	$\frac{24}{275}$	$\frac{251}{1100}$	$\frac{1}{3}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{660}\ \Phi_{330}\ \Phi_{300}\ \Phi_{150}\ \Phi_{132}\ \Phi_{75}\ \Phi_{66}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
127076	1698	2640	$\frac{31}{880}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{165}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
127077	1698	3264	$\frac{1}{34}$	$\frac{33}{272}$	$\frac{239}{1088}$	$\frac{1}{3}$	$\Phi_{3264}\ \Phi_{1632}\ \Phi_{192}\ \Phi_{102}\ \Phi_{96}\ \Phi_{51}\ \Phi_{6}$
127078	1698	2730	$\frac{4}{65}$	$\frac{61}{910}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{273}\ \Phi_{210}\ \Phi_{105}\ \Phi_{78}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{6}$
127079	1698	1050	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{67}{350}$	$\frac{1}{3}$	$\Phi_{1050}^3\ \Phi_{525}^3\ \Phi_{150}^3\ \Phi_{75}^3\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
127080	1698	1020	$\frac{1}{34}$	$\frac{11}{68}$	$\frac{57}{340}$	$\frac{1}{3}$	$\Phi_{1020}^3\ \Phi_{510}^3\ \Phi_{255}^3\ \Phi_{102}\ \Phi_{60}^3\ \Phi_{51}\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{6}$
127081	1698	300	$\frac{17}{300}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{3}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^6\ \Phi_{75}^6\ \Phi_{60}^3\ \Phi_{50}^6\ \Phi_{30}^4\ \Phi_{25}^6\ \Phi_{20}^6\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^6\ \Phi_{6}^4\ \Phi_{5}^6\ \Phi_{4}^6\ \Phi_{3}^3\ \Phi_{2}^6\ \Phi_{1}^6$
127082	1698	2856	$\frac{1}{17}$	$\frac{103}{952}$	$\frac{16}{119}$	$\frac{1}{3}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{408}\ \Phi_{204}\ \Phi_{168}\ \Phi_{102}\ \Phi_{84}\ \Phi_{51}\ \Phi_{42}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
127083	1698	2940	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{131}{980}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{735}\ \Phi_{588}\ \Phi_{294}\ \Phi_{147}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
127084	1698	2730	$\frac{61}{910}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{3}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{273}\ \Phi_{195}\ \Phi_{78}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
127085	1698	960	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{37}{320}$	$\frac{1}{3}$	$\Phi_{960}^3\ \Phi_{480}^3\ \Phi_{240}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
127086	1698	2916	$\frac{1}{81}$	$\frac{163}{729}$	$\frac{1}{4}$	$\frac{80}{243}$	$\Phi_{2916}\ \Phi_{1458}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
127087	1698	420	$\frac{3}{140}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{137}{420}$	$\Phi_{420}^6\ \Phi_{210}^6\ \Phi_{105}^6\ \Phi_{84}^6\ \Phi_{60}^6\ \Phi_{42}^6\ \Phi_{30}^6\ \Phi_{28}\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_{14}\ \Phi_{12}^6\ \Phi_{6}^6\ \Phi_{3}^6$
127088	1698	3348	$\frac{8}{279}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{271}{837}$	$\Phi_{3348}\ \Phi_{1674}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
127089	1698	3276	$\frac{1}{21}$	$\frac{20}{273}$	$\frac{1}{4}$	$\frac{253}{819}$	$\Phi_{3276}\ \Phi_{1638}\ \Phi_{468}\ \Phi_{252}\ \Phi_{234}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
127090	1698	1620	$\frac{1}{27}$	$\frac{13}{135}$	$\frac{1}{4}$	$\frac{122}{405}$	$\Phi_{1620}^2\ \Phi_{810}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
127091	1698	756	$\frac{1}{63}$	$\frac{31}{126}$	$\frac{1}{4}$	$\frac{95}{378}$	$\Phi_{756}^4\ \Phi_{378}^2\ \Phi_{252}\ \Phi_{189}^2\ \Phi_{126}\ \Phi_{108}^4\ \Phi_{84}\ \Phi_{54}^2\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
127092	1698	324	$\frac{1}{27}$	$\frac{41}{324}$	$\frac{13}{54}$	$\frac{1}{4}$	$\Phi_{324}^6\ \Phi_{162}^6\ \Phi_{108}^3\ \Phi_{81}^6\ \Phi_{54}^5\ \Phi_{36}^3\ \Phi_{27}^4\ \Phi_{18}^5\ \Phi_{12}^3\ \Phi_{9}^4\ \Phi_{6}^5\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
127093	1698	588	$\frac{11}{294}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{588}^4\ \Phi_{294}^2\ \Phi_{196}^4\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{84}^4\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^4\ \Phi_{6}^2\ \Phi_{3}^2$
127094	1698	2700	$\frac{1}{27}$	$\frac{109}{675}$	$\frac{26}{135}$	$\frac{1}{4}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{150}\ \Phi_{108}\ \Phi_{100}\ \Phi_{54}\ \Phi_{50}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
127095	1698	700	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{67}{350}$	$\frac{1}{4}$	$\Phi_{700}^4\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{100}^4\ \Phi_{50}^2\ \Phi_{28}\ \Phi_{25}^2\ \Phi_{14}$
127096	1698	2380	$\frac{29}{595}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{476}\ \Phi_{340}\ \Phi_{238}\ \Phi_{170}\ \Phi_{68}\ \Phi_{34}\ \Phi_{28}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
127097	1698	336	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{53}{336}$	$\frac{1}{4}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{84}^6\ \Phi_{48}^6\ \Phi_{42}^6\ \Phi_{28}\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{16}^6\ \Phi_{14}\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^6$
127098	1698	2100	$\frac{17}{300}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{105}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
127099	1698	2240	$\frac{3}{40}$	$\frac{37}{320}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{28}\ \Phi_{14}$
127100	1698	308	$\frac{25}{308}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{308}^6\ \Phi_{154}^6\ \Phi_{77}^6\ \Phi_{44}^6\ \Phi_{28}\ \Phi_{22}^6\ \Phi_{14}\ \Phi_{11}^6$
127101	1698	1260	$\frac{3}{35}$	$\frac{32}{315}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{18}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_6^2$
127102	1699	2268	$\frac{2}{567}$	$\frac{569}{2268}$	$\frac{1}{3}$	$\frac{565}{1134}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{567}\ \Phi_{324}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{81}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
127103	1699	3384	$\frac{7}{1692}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1685}{3384}$	$\Phi_{3384}\ \Phi_{1128}\ \Phi_{376}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
127104	1699	3384	$\frac{7}{1692}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1685}{3384}$	$\Phi_{3384}\ \Phi_{1128}\ \Phi_{376}\ \Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
127105	1699	1944	$\frac{2}{243}$	$\frac{245}{1944}$	$\frac{1}{3}$	$\frac{241}{486}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
127106	1699	1890	$\frac{2}{189}$	$\frac{191}{1890}$	$\frac{1}{3}$	$\frac{187}{378}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_1$
127107	1699	3360	$\frac{19}{1680}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1661}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{21}\ \Phi_7\ \Phi_1$
127108	1699	3360	$\frac{19}{1680}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1661}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
127109	1699	3348	$\frac{25}{1674}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1649}{3348}$	$\Phi_{3348}\ \Phi_{1116}\ \Phi_{372}\ \Phi_{124}\ \Phi_{108}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
127110	1699	1782	$\frac{2}{81}$	$\frac{83}{1782}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{99}\ \Phi_{81}\ \Phi_{66}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_9\ \Phi_1$
127111	1699	1764	$\frac{2}{63}$	$\frac{65}{1764}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{63}\ \Phi_{49}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
127112	1699	3276	$\frac{2}{63}$	$\frac{61}{1638}$	$\frac{1}{3}$	$\frac{1577}{3276}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}\ \Phi_{156}\ \Phi_{84}\ \Phi_{63}\ \Phi_{52}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
127113	1699	3240	$\frac{2}{81}$	$\frac{79}{1620}$	$\frac{1}{3}$	$\frac{1541}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{81}\ \Phi_{72}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
127114	1699	1728	$\frac{29}{1728}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
127115	1699	1722	$\frac{23}{1722}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1722}\ \Phi_{861}\ \Phi_{574}\ \Phi_{287}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_{21}\ \Phi_7\ \Phi_1$
127116	1699	3024	$\frac{2}{189}$	$\frac{187}{1512}$	$\frac{1}{3}$	$\frac{1325}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{189}\ \Phi_{144}\ \Phi_{112}\ \Phi_{63}\ \Phi_{48}\ \Phi_{27}\ \Phi_{21}\ \Phi_{16}\ \Phi_9\ \Phi_7\ \Phi_1$
127117	1699	2916	$\frac{2}{243}$	$\frac{241}{1458}$	$\frac{1}{3}$	$\frac{1217}{2916}$	$\Phi_{2916}\ \Phi_{972}\ \Phi_{324}\ \Phi_{243}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
127118	1699	2256	$\frac{7}{564}$	$\frac{1}{6}$	$\frac{557}{2256}$	$\frac{5}{12}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{752}\ \Phi_{376}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
127119	1699	1728	$\frac{29}{1728}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
127120	1699	1728	$\frac{29}{1728}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
127121	1699	1710	$\frac{11}{1710}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{342}\ \Phi_{285}\ \Phi_{190}\ \Phi_{171}\ \Phi_{114}\ \Phi_{95}\ \Phi_{90}\ \Phi_{57}\ \Phi_{45}\ \Phi_{38}\ \Phi_{30}\ \Phi_{19}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
127122	1699	2556	$\frac{5}{426}$	$\frac{1}{6}$	$\frac{421}{1278}$	$\frac{857}{2556}$	$\Phi_{2556}\ \Phi_{852}\ \Phi_{426}\ \Phi_{284}\ \Phi_{213}\ \Phi_{142}\ \Phi_{71}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
127123	1699	2187	$\frac{2}{243}$	$\frac{488}{2187}$	$\frac{241}{729}$	$\frac{1}{3}$	$\Phi_{2187}\ \Phi_{243}\ \Phi_{81}\ \Phi_{27}\ \Phi_9\ \Phi_1$
127124	1699	2538	$\frac{7}{846}$	$\frac{2}{9}$	$\frac{839}{2538}$	$\frac{1}{3}$	$\Phi_{2538}\ \Phi_{1269}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
127125	1699	2520	$\frac{19}{840}$	$\frac{2}{21}$	$\frac{821}{2520}$	$\frac{1}{3}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_1$
127126	1699	2511	$\frac{25}{837}$	$\frac{2}{27}$	$\frac{812}{2511}$	$\frac{1}{3}$	$\Phi_{2511}\ \Phi_{81}\ \Phi_{27}\ \Phi_9\ \Phi_1$
127127	1699	2457	$\frac{2}{63}$	$\frac{61}{819}$	$\frac{758}{2457}$	$\frac{1}{3}$	$\Phi_{2457}\ \Phi_{351}\ \Phi_{189}\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$
127128	1699	2430	$\frac{2}{81}$	$\frac{79}{810}$	$\frac{731}{2430}$	$\frac{1}{3}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{486}\ \Phi_{243}\ \Phi_{81}\ \Phi_{27}\ \Phi_9\ \Phi_1$
127129	1699	2268	$\frac{2}{189}$	$\frac{187}{756}$	$\frac{569}{2268}$	$\frac{1}{3}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{189}\ \Phi_{162}\ \Phi_{81}\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
127130	1699	1944	$\frac{2}{81}$	$\frac{245}{1944}$	$\frac{79}{324}$	$\frac{1}{3}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{81}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
127131	1699	1764	$\frac{65}{1764}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{63}\ \Phi_{49}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_1$
127132	1699	2115	$\frac{7}{423}$	$\frac{416}{2115}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2115}\ \Phi_{705}\ \Phi_{235}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
127133	1699	1728	$\frac{29}{1728}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
127134	1699	2025	$\frac{2}{81}$	$\frac{326}{2025}$	$\frac{79}{405}$	$\frac{1}{3}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{225}\ \Phi_{81}\ \Phi_{75}\ \Phi_{27}\ \Phi_{25}\ \Phi_9\ \Phi_1$
127135	1699	2100	$\frac{19}{420}$	$\frac{2}{21}$	$\frac{401}{2100}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{21}\ \Phi_7\ \Phi_1$
127136	1699	1785	$\frac{86}{1785}$	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{85}\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}\ \Phi_7\ \Phi_1$
127137	1699	2016	$\frac{19}{336}$	$\frac{2}{21}$	$\frac{317}{2016}$	$\frac{1}{3}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{32}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_1$
127138	1699	1848	$\frac{149}{1848}$	$\frac{2}{21}$	$\frac{19}{168}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{21}\ \Phi_{11}\ \Phi_7\ \Phi_1$
127139	1699	1890	$\frac{19}{210}$	$\frac{2}{21}$	$\frac{191}{1890}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_1$
127140	1699	2520	$\frac{19}{840}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{821}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
127141	1699	1800	$\frac{101}{1800}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
127142	1699	2016	$\frac{19}{336}$	$\frac{317}{2016}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
127143	1699	1920	$\frac{19}{240}$	$\frac{221}{1920}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
127144	1699	1848	$\frac{149}{1848}$	$\frac{19}{168}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
127145	1700	2544	$\frac{1}{424}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{423}{848}$	$\Phi_{2544}\ \Phi_{848}^2\ \Phi_{48}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
127146	1700	2712	$\frac{1}{339}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{169}{339}$	$\Phi_{2712}\ \Phi_{904}\ \Phi_{339}\ \Phi_{113}\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
127147	1700	4230	$\frac{2}{423}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{421}{846}$	$\Phi_{4230}\ \Phi_{1410}\ \Phi_{470}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
127148	1700	1521	$\frac{1}{169}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{84}{169}$	$\Phi_{1521}\ \Phi_{507}\ \Phi_{169}^2\ \Phi_{117}\ \Phi_{39}\ \Phi_{13}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
127149	1700	1014	$\frac{1}{169}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{84}{169}$	$\Phi_{1014}^2\ \Phi_{507}\ \Phi_{338}^2\ \Phi_{169}^2\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
127150	1700	1699	$\frac{11}{1699}$	$\frac{171}{1699}$	$\frac{764}{1699}$	$\frac{844}{1699}$	$\Phi_{1699}\ \Phi_1^2$
127151	1700	2840	$\frac{1}{142}$	$\frac{1}{5}$	$\frac{143}{568}$	$\frac{141}{284}$	$\Phi_{2840}\ \Phi_{710}\ \Phi_{355}\ \Phi_{40}\ \Phi_{10}$
127152	1700	2046	$\frac{3}{341}$	$\frac{1}{6}$	$\frac{86}{341}$	$\frac{169}{341}$	$\Phi_{2046}\ \Phi_{1023}\ \Phi_{682}\ \Phi_{186}\ \Phi_{93}\ \Phi_{66}\ \Phi_{62}\ \Phi_{33}\ \Phi_{22}$
127153	1700	1699	$\frac{17}{1699}$	$\frac{254}{1699}$	$\frac{429}{1699}$	$\frac{841}{1699}$	$\Phi_{1699}\ \Phi_1^2$
127154	1700	3168	$\frac{1}{99}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{49}{99}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{99}\ \Phi_{96}\ \Phi_{33}\ \Phi_{32}^2\ \Phi_{11}\ \Phi_9\ \Phi_3\ \Phi_1^2$
127155	1700	792	$\frac{1}{99}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{49}{99}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^3\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_9^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
127156	1700	1980	$\frac{1}{99}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{49}{99}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
127157	1700	2553	$\frac{9}{851}$	$\frac{86}{851}$	$\frac{1}{3}$	$\frac{421}{851}$	$\Phi_{2553}\ \Phi_{111}\ \Phi_{69}$
127158	1700	3192	$\frac{1}{84}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{83}{168}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{168}^2\ \Phi_{152}\ \Phi_{56}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_1^2$
127159	1700	1848	$\frac{1}{84}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{83}{168}$	$\Phi_{1848}^2\ \Phi_{616}^2\ \Phi_{264}^2\ \Phi_{88}^2\ \Phi_{33}$
127160	1700	3192	$\frac{1}{84}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{83}{168}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{168}^2\ \Phi_{152}\ \Phi_{56}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_8^2\ \Phi_1^2$
127161	1700	840	$\frac{1}{84}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{83}{168}$	$\Phi_{840}^5\ \Phi_{280}^5\ \Phi_{120}^5\ \Phi_{40}^5\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
127162	1700	3216	$\frac{1}{67}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{33}{67}$	$\Phi_{3216}\ \Phi_{1072}\ \Phi_{67}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
127163	1700	1809	$\frac{1}{67}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{33}{67}$	$\Phi_{1809}\ \Phi_{603}\ \Phi_{67}\ \Phi_{27}^2\ \Phi_{9}^2\ \Phi_{1}^2$
127164	1700	2412	$\frac{1}{67}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{33}{67}$	$\Phi_{2412}\ \Phi_{1206}\ \Phi_{603}\ \Phi_{67}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{1}^2$
127165	1700	1876	$\frac{1}{67}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{33}{67}$	$\Phi_{1876}\ \Phi_{938}\ \Phi_{469}\ \Phi_{67}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{1}^2$
127166	1700	2144	$\frac{1}{67}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{33}{67}$	$\Phi_{2144}\ \Phi_{1072}\ \Phi_{67}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{1}^2$
127167	1700	402	$\frac{1}{67}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{33}{67}$	$\Phi_{402}^4\ \Phi_{201}^4\ \Phi_{134}^4\ \Phi_{67}^5\ \Phi_{6}^8\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^{10}$
127168	1700	1254	$\frac{1}{57}$	$\frac{1}{11}$	$\frac{29}{114}$	$\frac{28}{57}$	$\Phi_{1254}^2\ \Phi_{627}\ \Phi_{418}^2\ \Phi_{209}\ \Phi_{66}^2\ \Phi_{33}\ \Phi_{22}^2$
127169	1700	1617	$\frac{1}{49}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{24}{49}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{231}\ \Phi_{147}\ \Phi_{77}\ \Phi_{49}^2\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
127170	1700	882	$\frac{1}{49}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{294}^2\ \Phi_{147}\ \Phi_{126}^2\ \Phi_{98}^2\ \Phi_{63}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_{9}^4\ \Phi_{7}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
127171	1700	1078	$\frac{1}{49}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{24}{49}$	$\Phi_{1078}^2\ \Phi_{539}\ \Phi_{154}^2\ \Phi_{98}^2\ \Phi_{77}\ \Phi_{49}^2\ \Phi_{22}^4\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{2}^4\ \Phi_{1}^4$
127172	1700	1699	$\frac{35}{1699}$	$\frac{51}{1699}$	$\frac{824}{1699}$	$\frac{832}{1699}$	$\Phi_{1699}\ \Phi_{1}^2$
127173	1700	1699	$\frac{41}{1699}$	$\frac{174}{1699}$	$\frac{305}{1699}$	$\frac{829}{1699}$	$\Phi_{1699}\ \Phi_{1}^2$
127174	1700	2046	$\frac{9}{341}$	$\frac{35}{341}$	$\frac{1}{6}$	$\frac{166}{341}$	$\Phi_{2046}\ \Phi_{1023}\ \Phi_{682}\ \Phi_{186}\ \Phi_{93}\ \Phi_{66}\ \Phi_{62}\ \Phi_{33}\ \Phi_{22}$
127175	1700	828	$\frac{11}{414}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{403}{828}$	$\Phi_{828}^4\ \Phi_{276}^4\ \Phi_{92}^4\ \Phi_{69}\ \Phi_{36}^4\ \Phi_{12}^4\ \Phi_{4}^4$
127176	1700	444	$\frac{1}{37}$	$\frac{19}{444}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{444}^4\ \Phi_{222}^4\ \Phi_{148}^4\ \Phi_{111}^3\ \Phi_{74}^4\ \Phi_{37}^4\ \Phi_{12}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
127177	1700	1818	$\frac{3}{101}$	$\frac{1}{18}$	$\frac{26}{101}$	$\frac{49}{101}$	$\Phi_{1818}\ \Phi_{909}\ \Phi_{606}\ \Phi_{303}\ \Phi_{202}$
127178	1700	858	$\frac{1}{33}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{78}^3\ \Phi_{66}^2\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{13}^2\ \Phi_{6}^3\ \Phi_{2}^2$
127179	1700	1617	$\frac{1}{33}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{16}{33}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{231}\ \Phi_{147}\ \Phi_{77}\ \Phi_{49}^2\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
127180	1700	66	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{16}{33}$	$\Phi_{66}^{31}\ \Phi_{33}^{21}\ \Phi_{22}^{31}\ \Phi_{11}^{20}\ \Phi_{6}^{30}\ \Phi_{3}^{20}\ \Phi_{2}^{30}\ \Phi_{1}^{20}$
127181	1700	924	$\frac{1}{33}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{16}{33}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{28}^4\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
127182	1700	186	$\frac{1}{31}$	$\frac{8}{93}$	$\frac{1}{6}$	$\frac{15}{31}$	$\Phi_{186}^{11}\ \Phi_{93}^7\ \Phi_{62}^{11}\ \Phi_{31}^8\ \Phi_{6}^{10}\ \Phi_{3}^6\ \Phi_{2}^{10}\ \Phi_{1}^8$
127183	1700	1699	$\frac{65}{1699}$	$\frac{74}{1699}$	$\frac{441}{1699}$	$\frac{817}{1699}$	$\Phi_{1699}\ \Phi_{1}^2$
127184	1700	2553	$\frac{26}{851}$	$\frac{33}{851}$	$\frac{1}{3}$	$\frac{409}{851}$	$\Phi_{2553}\ \Phi_{111}\ \Phi_{69}$
127185	1700	1680	$\frac{1}{35}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{112}^2\ \Phi_{105}\ \Phi_{80}^2\ \Phi_{21}\ \Phi_{15}$
127186	1700	3216	$\frac{1}{24}$	$\frac{3}{67}$	$\frac{16}{67}$	$\frac{23}{48}$	$\Phi_{3216}\ \Phi_{1072}\ \Phi_{67}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{1}^2$
127187	1700	720	$\frac{1}{24}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{720}^6\ \Phi_{240}^5\ \Phi_{90}\ \Phi_{80}^5\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
127188	1700	1311	$\frac{12}{437}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{1311}^2\ \Phi_{69}\ \Phi_{57}^2$
127189	1700	598	$\frac{1}{26}$	$\frac{1}{23}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{598}^3\ \Phi_{299}^3\ \Phi_{46}^3\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{2}^2$
127190	1700	2442	$\frac{1}{37}$	$\frac{18}{407}$	$\frac{1}{3}$	$\frac{389}{814}$	$\Phi_{2442}^2\ \Phi_{222}^2\ \Phi_{111}\ \Phi_{66}^2\ \Phi_{6}^2$
127191	1700	1699	$\frac{81}{1699}$	$\frac{89}{1699}$	$\frac{322}{1699}$	$\frac{809}{1699}$	$\Phi_{1699}\ \Phi_{1}^2$
127192	1700	1782	$\frac{4}{81}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{77}{162}$	$\Phi_{1782}^2\ \Phi_{594}^2\ \Phi_{198}^2\ \Phi_{99}\ \Phi_{66}^2\ \Phi_{33}\ \Phi_{22}^2$
127193	1700	1653	$\frac{2}{87}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{1653}\ \Phi_{551}\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{19}\ \Phi_{1}^2$
127194	1700	2394	$\frac{1}{42}$	$\frac{1}{19}$	$\frac{41}{126}$	$\frac{9}{19}$	$\Phi_{2394}\ \Phi_{1197}\ \Phi_{342}\ \Phi_{171}\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{1}^2$
127195	1700	1672	$\frac{3}{88}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{418}\ \Phi_{209}\ \Phi_{152}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{19}\ \Phi_{11}^2\ \Phi_{8}^2\ \Phi_{1}^2$
127196	1700	2128	$\frac{1}{28}$	$\frac{1}{19}$	$\frac{27}{112}$	$\frac{9}{19}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{304}\ \Phi_{152}\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
127197	1700	399	$\frac{1}{21}$	$\frac{1}{19}$	$\frac{4}{21}$	$\frac{9}{19}$	$\Phi_{399}^4\ \Phi_{133}^4\ \Phi_{57}^4\ \Phi_{21}^8\ \Phi_{19}^5\ \Phi_{7}^8\ \Phi_{3}^8\ \Phi_{1}^{10}$
127198	1700	342	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{342}^5\ \Phi_{171}^5\ \Phi_{114}^4\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{19}^5\ \Phi_{18}^{10}\ \Phi_{9}^{10}\ \Phi_{6}^8\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^{10}$
127199	1700	1729	$\frac{1}{19}$	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{9}{19}$	$\Phi_{1729}\ \Phi_{247}\ \Phi_{91}^2\ \Phi_{19}\ \Phi_{13}^2\ \Phi_{1}^2$
127200	1700	1862	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{9}{19}$	$\Phi_{1862}\ \Phi_{931}\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{19}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
127201	1700	1824	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{9}{19}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{152}\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
127202	1700	209	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{2}{19}$	$\frac{9}{19}$	$\Phi_{209}^9\ \Phi_{11}^8$
127203	1700	1699	$\frac{91}{1699}$	$\frac{152}{1699}$	$\frac{179}{1699}$	$\frac{804}{1699}$	$\Phi_{1699}\ \Phi_1^2$
127204	1700	2046	$\frac{18}{341}$	$\frac{19}{341}$	$\frac{1}{6}$	$\frac{161}{341}$	$\Phi_{2046}\ \Phi_{1023}\ \Phi_{682}\ \Phi_{186}\ \Phi_{93}\ \Phi_{66}\ \Phi_{62}\ \Phi_{33}\ \Phi_{22}$
127205	1700	1699	$\frac{50}{1699}$	$\frac{97}{1699}$	$\frac{449}{1699}$	$\frac{801}{1699}$	$\Phi_{1699}\ \Phi_1^2$
127206	1700	2553	$\frac{18}{851}$	$\frac{49}{851}$	$\frac{1}{3}$	$\frac{401}{851}$	$\Phi_{2553}\ \Phi_{111}\ \Phi_{69}$
127207	1700	1190	$\frac{1}{35}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{1190}^2\ \Phi_{595}\ \Phi_{238}^2\ \Phi_{170}^2\ \Phi_{119}\ \Phi_{85}\ \Phi_{70}^2\ \Phi_{14}^2\ \Phi_{10}^2$
127208	1700	1632	$\frac{1}{51}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{1632}^2\ \Phi_{544}^2\ \Phi_{96}\ \Phi_{51}^2\ \Phi_{32}^2\ \Phi_{17}^2\ \Phi_3\ \Phi_1^2$
127209	1700	1056	$\frac{1}{33}$	$\frac{1}{16}$	$\frac{8}{33}$	$\frac{15}{32}$	$\Phi_{1056}^3\ \Phi_{352}^3\ \Phi_{96}^3\ \Phi_{33}^3\ \Phi_{32}^4\ \Phi_{11}^3\ \Phi_3^3\ \Phi_1^4$
127210	1700	2080	$\frac{1}{26}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{2080}^2\ \Phi_{160}\ \Phi_{130}\ \Phi_{65}\ \Phi_{10}$
127211	1700	3168	$\frac{4}{99}$	$\frac{1}{16}$	$\frac{19}{99}$	$\frac{15}{32}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{99}\ \Phi_{96}\ \Phi_{33}\ \Phi_{32}^2\ \Phi_{11}\ \Phi_9\ \Phi_3\ \Phi_1^2$
127212	1700	672	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{672}^5\ \Phi_{224}^5\ \Phi_{96}^3\ \Phi_{42}^3\ \Phi_{32}^4\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
127213	1700	864	$\frac{1}{16}$	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{15}{32}$	$\Phi_{864}^4\ \Phi_{288}^3\ \Phi_{96}^3\ \Phi_{32}^4\ \Phi_{27}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
127214	1700	352	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{15}{32}$	$\Phi_{352}^9\ \Phi_{32}^{10}\ \Phi_{11}^9\ \Phi_1^{10}$
127215	1700	1699	$\frac{54}{1699}$	$\frac{137}{1699}$	$\frac{329}{1699}$	$\frac{781}{1699}$	$\Phi_{1699}\ \Phi_1^2$
127216	1700	1818	$\frac{1}{18}$	$\frac{9}{101}$	$\frac{11}{101}$	$\frac{46}{101}$	$\Phi_{1818}\ \Phi_{909}\ \Phi_{606}\ \Phi_{303}\ \Phi_{202}$
127217	1700	264	$\frac{3}{88}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{264}^8\ \Phi_{132}^8\ \Phi_{88}^4\ \Phi_{66}^7\ \Phi_{44}^4\ \Phi_{33}^7\ \Phi_{24}^8\ \Phi_{22}^3\ \Phi_{12}^8\ \Phi_{11}^4\ \Phi_8^4\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^2\ \Phi_1^4$
127218	1700	1699	$\frac{89}{1699}$	$\frac{161}{1699}$	$\frac{186}{1699}$	$\frac{769}{1699}$	$\Phi_{1699}\ \Phi_1^2$
127219	1700	186	$\frac{1}{31}$	$\frac{3}{31}$	$\frac{1}{6}$	$\frac{14}{31}$	$\Phi_{186}^{11}\ \Phi_{93}^{11}\ \Phi_{62}^{11}\ \Phi_6^{10}\ \Phi_3^{10}\ \Phi_2^{10}$
127220	1700	774	$\frac{1}{86}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{774}^2\ \Phi_{387}^2\ \Phi_{258}^3\ \Phi_{129}^3\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{18}^2\ \Phi_6^3\ \Phi_2^2$
127221	1700	1521	$\frac{4}{169}$	$\frac{1}{9}$	$\frac{33}{169}$	$\frac{4}{9}$	$\Phi_{1521}\ \Phi_{507}\ \Phi_{169}^2\ \Phi_{117}\ \Phi_{39}\ \Phi_{13}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
127222	1700	630	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{630}^3\ \Phi_{315}^2\ \Phi_{210}^4\ \Phi_{126}^3\ \Phi_{105}^3\ \Phi_{90}^3\ \Phi_{70}^4\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^4\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^2\ \Phi_5^2$
127223	1700	1521	$\frac{9}{169}$	$\frac{16}{169}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1521}\ \Phi_{507}\ \Phi_{169}^2\ \Phi_{117}\ \Phi_{39}\ \Phi_{13}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
127224	1700	198	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{198}^{10}\ \Phi_{99}^9\ \Phi_{66}^{10}\ \Phi_{33}^9\ \Phi_{22}^{10}\ \Phi_{11}^8$
127225	1700	819	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{819}^2\ \Phi_{273}^2\ \Phi_{117}\ \Phi_{91}^4\ \Phi_{63}^2\ \Phi_{39}\ \Phi_{21}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
127226	1700	1672	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{9}{76}$	$\frac{67}{152}$	$\Phi_{1672}^2\ \Phi_{209}\ \Phi_{88}^2$
127227	1700	3030	$\frac{1}{101}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{3030}\ \Phi_{1010}\ \Phi_{606}\ \Phi_{303}\ \Phi_{202}$
127228	1700	510	$\frac{1}{51}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{510}^6\ \Phi_{255}\ \Phi_{170}^6\ \Phi_{102}^6\ \Phi_{85}\ \Phi_{34}^6\ \Phi_{30}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
127229	1700	602	$\frac{1}{86}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{602}^3\ \Phi_{301}^3\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{14}^3\ \Phi_2^2$
127230	1700	357	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{357}^5\ \Phi_{119}^5\ \Phi_{51}^4\ \Phi_{21}^3\ \Phi_{17}^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
127231	1700	1699	$\frac{29}{1699}$	$\frac{273}{1699}$	$\frac{334}{1699}$	$\frac{713}{1699}$	$\Phi_{1699}\ \Phi_1^2$
127232	1700	2424	$\frac{1}{101}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{2424}\ \Phi_{808}\ \Phi_{606}\ \Phi_{303}\ \Phi_{202}$
127233	1700	2160	$\frac{7}{432}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
127234	1700	595	$\frac{1}{35}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{595}^3\ \Phi_{119}^3\ \Phi_{85}^3\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5^2$
127235	1700	1699	$\frac{59}{1699}$	$\frac{164}{1699}$	$\frac{307}{1699}$	$\frac{696}{1699}$	$\Phi_{1699}\ \Phi_1^2$
127236	1700	1818	$\frac{1}{18}$	$\frac{6}{101}$	$\frac{19}{101}$	$\frac{41}{101}$	$\Phi_{1818}\ \Phi_{909}\ \Phi_{606}\ \Phi_{303}\ \Phi_{202}$
127237	1700	1699	$\frac{94}{1699}$	$\frac{101}{1699}$	$\frac{321}{1699}$	$\frac{689}{1699}$	$\Phi_{1699}\ \Phi_1^2$
127238	1700	627	$\frac{2}{57}$	$\frac{1}{11}$	$\frac{11}{57}$	$\frac{23}{57}$	$\Phi_{627}^3\ \Phi_{209}^3\ \Phi_{33}^3\ \Phi_{11}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
127239	1700	1699	$\frac{44}{1699}$	$\frac{203}{1699}$	$\frac{331}{1699}$	$\frac{684}{1699}$	$\Phi_{1699}\ \Phi_1^2$
127240	1700	2046	$\frac{6}{341}$	$\frac{1}{6}$	$\frac{67}{341}$	$\frac{137}{341}$	$\Phi_{2046}\ \Phi_{1023}\ \Phi_{682}\ \Phi_{186}\ \Phi_{93}\ \Phi_{66}\ \Phi_{62}\ \Phi_{33}\ \Phi_{22}$
127241	1700	710	$\frac{1}{71}$	$\frac{14}{71}$	$\frac{1}{5}$	$\frac{57}{142}$	$\Phi_{710}^5\ \Phi_{355}\ \Phi_{10}^5$
127242	1700	1699	$\frac{14}{1699}$	$\frac{337}{1699}$	$\frac{509}{1699}$	$\frac{681}{1699}$	$\Phi_{1699}\ \Phi_1^2$
127243	1700	2553	$\frac{6}{851}$	$\frac{169}{851}$	$\frac{1}{3}$	$\frac{341}{851}$	$\Phi_{2553}\ \Phi_{111}\ \Phi_{69}$
127244	1700	1020	$\frac{1}{51}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{204}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
127245	1700	1428	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{1428}^2\ \Phi_{476}^2\ \Phi_{357}\ \Phi_{204}^2\ \Phi_{119}\ \Phi_{84}^2\ \Phi_{68}^2\ \Phi_{21}\ \Phi_{12}^2$
127246	1700	1368	$\frac{1}{171}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1368}^2\ \Phi_{456}^2\ \Phi_{171}^2\ \Phi_{152}^2\ \Phi_{72}^2\ \Phi_{57}^2\ \Phi_{24}\ \Phi_{19}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
127247	1700	904	$\frac{1}{113}$	$\frac{28}{113}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{904}^3\ \Phi_{113}^3\ \Phi_8^4\ \Phi_1^4$
127248	1700	1720	$\frac{1}{86}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1720}^2\ \Phi_{430}\ \Phi_{215}\ \Phi_{40}\ \Phi_{10}$
127249	1700	2712	$\frac{4}{339}$	$\frac{67}{339}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2712}\ \Phi_{904}\ \Phi_{339}\ \Phi_{113}\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
127250	1700	552	$\frac{1}{69}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{552}^5\ \Phi_{184}^5\ \Phi_{138}^3\ \Phi_{69}^2\ \Phi_{46}^3\ \Phi_{24}^3\ \Phi_{23}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
127251	1700	904	$\frac{3}{113}$	$\frac{11}{113}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{904}^3\ \Phi_{113}^3\ \Phi_8^4\ \Phi_1^4$
127252	1700	3080	$\frac{1}{35}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{385}\ \Phi_{77}\ \Phi_{55}$
127253	1700	2712	$\frac{16}{339}$	$\frac{19}{339}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2712}\ \Phi_{904}\ \Phi_{339}\ \Phi_{113}\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
127254	1700	504	$\frac{1}{21}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^6\ \Phi_{168}^5\ \Phi_{126}^3\ \Phi_{72}^4\ \Phi_{63}^3\ \Phi_{56}^5\ \Phi_{42}^3\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_9^2\ \Phi_8^4\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
127255	1700	636	$\frac{1}{212}$	$\frac{211}{636}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{636}^3\ \Phi_{318}^3\ \Phi_{212}^2\ \Phi_{159}^3\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
127256	1700	1284	$\frac{3}{428}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1284}\ \Phi_{642}\ \Phi_{428}^2\ \Phi_{321}\ \Phi_{214}^2\ \Phi_{107}^2\ \Phi_3\ \Phi_1^2$
127257	1700	318	$\frac{1}{106}$	$\frac{21}{106}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{318}^4\ \Phi_{159}^4\ \Phi_{106}^8\ \Phi_{53}^8\ \Phi_6^4\ \Phi_3^5\ \Phi_2^8\ \Phi_1^{10}$
127258	1700	258	$\frac{1}{86}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{258}^7\ \Phi_{129}^7\ \Phi_{86}^6\ \Phi_{43}^6\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
127259	1700	432	$\frac{7}{432}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{24}^3\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{12}^3\ \Phi_9^4\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
127260	1700	477	$\frac{1}{53}$	$\frac{52}{477}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{477}^4\ \Phi_{159}^3\ \Phi_{53}^2\ \Phi_9^4\ \Phi_3^4\ \Phi_1^4$
127261	1700	957	$\frac{2}{87}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{957}^2\ \Phi_{319}^2\ \Phi_{33}$
127262	1700	945	$\frac{1}{35}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{21}\ \Phi_{15}$
127263	1700	159	$\frac{2}{53}$	$\frac{3}{53}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{159}^8\ \Phi_{53}^{16}\ \Phi_3^9\ \Phi_1^{18}$
127264	1700	234	$\frac{1}{26}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{234}^8\ \Phi_{117}^8\ \Phi_{78}^7\ \Phi_{39}^7\ \Phi_{26}^6\ \Phi_{18}^4\ \Phi_{13}^6\ \Phi_9^4\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
127265	1700	1386	$\frac{1}{42}$	$\frac{1}{11}$	$\frac{41}{126}$	$\frac{1}{3}$	$\Phi_{1386}^2\ \Phi_{693}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{33}$
127266	1700	897	$\frac{1}{23}$	$\frac{47}{897}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{897}^2\ \Phi_{299}^2\ \Phi_{69}\ \Phi_{39}^2\ \Phi_{13}^2$
127267	1700	621	$\frac{1}{23}$	$\frac{11}{207}$	$\frac{196}{621}$	$\frac{1}{3}$	$\Phi_{621}^4\ \Phi_{69}\ \Phi_{27}^4$
127268	1700	2574	$\frac{1}{26}$	$\frac{2}{33}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{234}\ \Phi_{198}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{18}\ \Phi_6$
127269	1700	1260	$\frac{1}{35}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{21}\ \Phi_{15}$
127270	1700	1221	$\frac{1}{37}$	$\frac{36}{407}$	$\frac{371}{1221}$	$\frac{1}{3}$	$\Phi_{1221}\ \Phi_{407}^2\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
127271	1700	408	$\frac{1}{51}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{408}^4\ \Phi_{204}^4\ \Phi_{136}^4\ \Phi_{102}^4\ \Phi_{68}^4\ \Phi_{51}^6\ \Phi_{34}^4\ \Phi_{24}^3\ \Phi_{17}^6\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
127272	1700	2322	$\frac{1}{86}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{2322}\ \Phi_{1161}\ \Phi_{258}\ \Phi_{129}\ \Phi_{54}\ \Phi_6$
127273	1700	1020	$\frac{1}{51}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{60}\ \Phi_{51}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{17}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
127274	1700	420	$\frac{1}{35}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^6\ \Phi_{210}^6\ \Phi_{105}^7\ \Phi_{84}^5\ \Phi_{60}^6\ \Phi_{42}^5\ \Phi_{30}^6\ \Phi_{21}^6\ \Phi_{15}^7\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^6$
127275	1700	264	$\frac{3}{88}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{264}^{10}\ \Phi_{132}^9\ \Phi_{66}^9\ \Phi_{33}^{10}\ \Phi_{24}^{10}\ \Phi_{12}^{10}\ \Phi_6^{10}\ \Phi_3^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
127276	1700	2820	$\frac{2}{141}$	$\frac{1}{5}$	$\frac{139}{564}$	$\frac{1}{3}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{940}\ \Phi_{470}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
127277	1700	3696	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{27}{112}$	$\frac{1}{3}$	$\Phi_{3696}\ \Phi_{1848}\ \Phi_{528}\ \Phi_{264}\ \Phi_{33}$
127278	1700	276	$\frac{1}{23}$	$\frac{7}{92}$	$\frac{11}{46}$	$\frac{1}{3}$	$\Phi_{276}^{10}\ \Phi_{138}^{8}\ \Phi_{69}^{9}\ \Phi_{12}^{10}\ \Phi_{6}^{8}\ \Phi_{3}^{8}$
127279	1700	1809	$\frac{3}{67}$	$\frac{2}{27}$	$\frac{16}{67}$	$\frac{1}{3}$	$\Phi_{1809}\ \Phi_{603}\ \Phi_{67}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
127280	1700	552	$\frac{1}{23}$	$\frac{11}{138}$	$\frac{127}{552}$	$\frac{1}{3}$	$\Phi_{552}^{4}\ \Phi_{276}^{4}\ \Phi_{184}^{4}\ \Phi_{92}^{4}\ \Phi_{69}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}$
127281	1700	858	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{858}^{3}\ \Phi_{429}^{3}\ \Phi_{78}^{4}\ \Phi_{66}\ \Phi_{39}^{4}\ \Phi_{33}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
127282	1700	2160	$\frac{7}{432}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}$ $\Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
127283	1700	3360	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{672}\ \Phi_{480}\ \Phi_{336}\ \Phi_{240}\ \Phi_{105}\ \Phi_{21}\ \Phi_{15}$
127284	1700	1653	$\frac{2}{87}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{1653}\ \Phi_{551}\ \Phi_{87}^{2}\ \Phi_{29}^{2}\ \Phi_{19}\ \Phi_{1}^{2}$
127285	1700	870	$\frac{2}{87}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{870}^{3}\ \Phi_{435}^{2}\ \Phi_{290}^{3}\ \Phi_{145}^{2}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
127286	1700	270	$\frac{1}{18}$	$\frac{2}{27}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{270}^{9}\ \Phi_{135}^{8}\ \Phi_{90}^{7}\ \Phi_{45}^{6}\ \Phi_{30}^{7}\ \Phi_{15}^{7}\ \Phi_{10}^{7}\ \Phi_{5}^{6}$
127287	1700	1014	$\frac{4}{169}$	$\frac{1}{6}$	$\frac{33}{169}$	$\frac{1}{3}$	$\Phi_{1014}^{2}\ \Phi_{507}\ \Phi_{338}^{2}\ \Phi_{169}^{2}\ \Phi_{78}^{2}\ \Phi_{39}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
127288	1700	2553	$\frac{21}{851}$	$\frac{137}{851}$	$\frac{166}{851}$	$\frac{1}{3}$	$\Phi_{2553}\ \Phi_{111}\ \Phi_{69}$
127289	1700	231	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{4}{21}$	$\frac{1}{3}$	$\Phi_{231}^{8}\ \Phi_{77}^{8}\ \Phi_{33}^{9}\ \Phi_{11}^{8}$
127290	1700	111	$\frac{2}{37}$	$\frac{3}{37}$	$\frac{7}{37}$	$\frac{1}{3}$	$\Phi_{111}^{23}\ \Phi_{3}^{22}$
127291	1700	882	$\frac{1}{18}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{1}{3}$	$\Phi_{882}^{2}\ \Phi_{441}^{2}\ \Phi_{294}^{2}\ \Phi_{147}\ \Phi_{126}^{2}\ \Phi_{98}^{2}\ \Phi_{63}^{2}\ \Phi_{49}^{2}\ \Phi_{42}^{2}\ \Phi_{21}\ \Phi_{18}^{4}\ \Phi_{14}^{2}$ $\Phi_{9}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
127292	1700	2553	$\frac{41}{851}$	$\frac{81}{851}$	$\frac{154}{851}$	$\frac{1}{3}$	$\Phi_{2553}\ \Phi_{111}\ \Phi_{69}$
127293	1700	207	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{37}{207}$	$\frac{1}{3}$	$\Phi_{207}^{8}\ \Phi_{69}^{9}\ \Phi_{23}^{8}\ \Phi_{9}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
127294	1700	210	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{210}^{8}\ \Phi_{105}^{9}\ \Phi_{70}^{8}\ \Phi_{42}^{8}\ \Phi_{35}^{8}\ \Phi_{30}^{8}\ \Phi_{21}^{9}\ \Phi_{15}^{8}\ \Phi_{14}^{8}\ \Phi_{10}^{8}\ \Phi_{7}^{8}\ \Phi_{5}^{8}$
127295	1700	1014	$\frac{9}{169}$	$\frac{16}{169}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1014}^{2}\ \Phi_{507}\ \Phi_{338}^{2}\ \Phi_{169}^{2}\ \Phi_{78}^{2}\ \Phi_{39}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
127296	1700	198	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{198}^{10}\ \Phi_{99}^{10}\ \Phi_{66}^{8}\ \Phi_{33}^{9}\ \Phi_{22}^{8}\ \Phi_{11}^{8}$
127297	1700	546	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{546}^{4}\ \Phi_{273}^{2}\ \Phi_{182}^{4}\ \Phi_{91}^{4}\ \Phi_{78}^{2}\ \Phi_{42}^{4}\ \Phi_{39}\ \Phi_{26}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{4}\ \Phi_{13}^{2}\ \Phi_{7}^{4}$ $\Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
127298	1700	483	$\frac{1}{23}$	$\frac{58}{483}$	$\frac{11}{69}$	$\frac{1}{3}$	$\Phi_{483}^{4}\ \Phi_{161}^{4}\ \Phi_{69}\ \Phi_{21}^{4}\ \Phi_{7}^{4}$
127299	1700	252	$\frac{1}{18}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{252}^{8}\ \Phi_{126}^{6}\ \Phi_{84}^{6}\ \Phi_{63}^{6}\ \Phi_{42}^{4}\ \Phi_{36}^{8}\ \Phi_{28}^{8}\ \Phi_{21}^{5}\ \Phi_{18}^{8}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{9}^{8}$ $\Phi_{7}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
127300	1700	3003	$\frac{6}{91}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{3003}\ \Phi_{429}\ \Phi_{33}$
127301	1700	3234	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{98}$	$\frac{1}{3}$	$\Phi_{3234}\ \Phi_{1617}\ \Phi_{33}$
127302	1700	276	$\frac{7}{92}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{3}$	$\Phi_{276}^{10}\ \Phi_{138}^{10}\ \Phi_{69}^{7}\ \Phi_{12}^{10}\ \Phi_{6}^{10}\ \Phi_{3}^{6}$
127303	1700	1056	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{96}$	$\frac{1}{3}$	$\Phi_{1056}^{2}\ \Phi_{528}^{2}\ \Phi_{352}^{2}\ \Phi_{264}^{2}\ \Phi_{176}^{2}\ \Phi_{88}^{2}\ \Phi_{33}$
127304	1700	2079	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{19}{189}$	$\frac{1}{3}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{297}\ \Phi_{99}\ \Phi_{33}$
127305	1700	2394	$\frac{1}{42}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{41}{126}$	$\Phi_{2394}\ \Phi_{1197}\ \Phi_{342}\ \Phi_{171}\ \Phi_{126}^{2}\ \Phi_{63}^{2}\ \Phi_{19}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
127306	1700	630	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{41}{126}$	$\Phi_{630}^{5}\ \Phi_{315}^{5}\ \Phi_{90}^{5}\ \Phi_{45}^{5}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
127307	1700	198	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{31}{99}$	$\Phi_{198}^{15}\ \Phi_{99}^{10}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}^{15}\ \Phi_{9}^{10}$
127308	1700	2412	$\frac{3}{67}$	$\frac{1}{12}$	$\frac{16}{67}$	$\frac{11}{36}$	$\Phi_{2412}\ \Phi_{1206}\ \Phi_{603}\ \Phi_{67}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
127309	1700	180	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{180}^{11}\ \Phi_{90}^{12}\ \Phi_{60}^{12}\ \Phi_{45}^{12}\ \Phi_{30}^{13}\ \Phi_{20}^{12}\ \Phi_{15}^{13}\ \Phi_{10}^{13}\ \Phi_{5}^{12}$
127310	1700	726	$\frac{23}{363}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{726}^{3}\ \Phi_{363}^{2}\ \Phi_{242}^{3}\ \Phi_{121}^{2}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
127311	1700	2673	$\frac{1}{11}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{243}$	$\Phi_{2673}\ \Phi_{99}\ \Phi_{33}$
127312	1700	2079	$\frac{1}{11}$	$\frac{19}{189}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{231}\ \Phi_{99}\ \Phi_{77}\ \Phi_{33}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
127313	1700	264	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{8}{33}$	$\frac{7}{24}$	$\Phi_{264}^{6}\ \Phi_{132}^{6}\ \Phi_{88}^{6}\ \Phi_{66}^{6}\ \Phi_{44}^{6}\ \Phi_{33}^{9}\ \Phi_{24}^{7}\ \Phi_{22}^{6}\ \Phi_{12}^{7}\ \Phi_{11}^{9}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{10}\ \Phi_{2}^{6}\ \Phi_{1}^{10}$
127314	1700	1560	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{1560}^{2}\ \Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{195}^{2}\ \Phi_{130}\ \Phi_{120}\ \Phi_{65}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
127315	1700	792	$\frac{4}{99}$	$\frac{1}{8}$	$\frac{19}{99}$	$\frac{7}{24}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{99}^{3}\ \Phi_{88}^{2}\ \Phi_{72}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{36}^{2}\ \Phi_{33}^{3}\ \Phi_{24}^{3}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{11}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
127316	1700	168	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{168}^{10}\ \Phi_{84}^{10}\ \Phi_{56}^{10}\ \Phi_{42}^{13}\ \Phi_{28}^{10}\ \Phi_{24}^{7}\ \Phi_{21}^{12}\ \Phi_{14}^{13}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{7}^{12}\ \Phi_{6}^{9}\ \Phi_{4}^{6}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
127317	1700	216	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{216}^{8}\ \Phi_{108}^{8}\ \Phi_{72}^{6}\ \Phi_{54}^{8}\ \Phi_{36}^{6}\ \Phi_{27}^{12}\ \Phi_{24}^{7}\ \Phi_{18}^{6}\ \Phi_{12}^{7}\ \Phi_{9}^{9}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{10}\ \Phi_{2}^{6}\ \Phi_{1}^{10}$
127318	1700	264	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{264}^{9}\ \Phi_{132}^{9}\ \Phi_{66}^{9}\ \Phi_{33}^{9}\ \Phi_{24}^{10}\ \Phi_{12}^{10}\ \Phi_{11}^{9}\ \Phi_{6}^{10}\ \Phi_{3}^{10}\ \Phi_{1}^{10}$
127319	1700	186	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{6}{31}$	$\frac{25}{93}$	$\Phi_{186}^{11}\ \Phi_{93}^{6}\ \Phi_{62}^{11}\ \Phi_{31}^{10}\ \Phi_{6}^{10}\ \Phi_{3}^{5}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
127320	1700	765	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{765}^{3}\ \Phi_{255}\ \Phi_{153}^{3}\ \Phi_{85}\ \Phi_{45}^{2}\ \Phi_{15}\ \Phi_{9}^{2}$
127321	1700	1254	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{9}{38}$	$\frac{29}{114}$	$\Phi_{1254}^{2}\ \Phi_{627}^{2}\ \Phi_{209}\ \Phi_{66}^{2}\ \Phi_{33}^{2}$
127322	1700	524	$\frac{3}{131}$	$\frac{99}{524}$	$\frac{32}{131}$	$\frac{1}{4}$	$\Phi_{524}^{3}\ \Phi_{262}^{3}\ \Phi_{131}^{4}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
127323	1700	660	$\frac{1}{33}$	$\frac{3}{20}$	$\frac{8}{33}$	$\frac{1}{4}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{220}^{3}\ \Phi_{165}^{3}\ \Phi_{110}^{3}\ \Phi_{60}^{3}\ \Phi_{55}^{3}\ \Phi_{33}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{4}\ \Phi_{15}^{3}\ \Phi_{11}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
127324	1700	1876	$\frac{3}{67}$	$\frac{3}{28}$	$\frac{16}{67}$	$\frac{1}{4}$	$\Phi_{1876}\ \Phi_{938}\ \Phi_{469}\ \Phi_{67}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
127325	1700	1672	$\frac{3}{88}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{418}\ \Phi_{209}\ \Phi_{152}\ \Phi_{88}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{19}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
127326	1700	1320	$\frac{3}{88}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{440}\ \Phi_{330}^{2}\ \Phi_{220}\ \Phi_{165}^{2}\ \Phi_{120}^{2}\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
127327	1700	260	$\frac{1}{26}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{260}^{6}\ \Phi_{130}^{7}\ \Phi_{65}^{7}\ \Phi_{52}^{8}\ \Phi_{26}^{8}\ \Phi_{20}^{3}\ \Phi_{13}^{8}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
127328	1700	1260	$\frac{1}{18}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{420}^{2}\ \Phi_{315}^{2}\ \Phi_{210}^{2}\ \Phi_{140}\ \Phi_{105}^{2}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
127329	1700	1980	$\frac{4}{99}$	$\frac{3}{20}$	$\frac{19}{99}$	$\frac{1}{4}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
127330	1700	420	$\frac{1}{21}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{140}^{5}\ \Phi_{105}^{5}\ \Phi_{70}^{5}\ \Phi_{60}^{3}\ \Phi_{42}^{3}\ \Phi_{35}^{5}\ \Phi_{30}^{3}\ \Phi_{21}^{2}\ \Phi_{20}^{4}\ \Phi_{15}^{3}\ \Phi_{14}^{3}\ \Phi_{10}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127331	1700	540	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{540}^{4}\ \Phi_{270}^{4}\ \Phi_{180}^{3}\ \Phi_{135}^{4}\ \Phi_{90}^{3}\ \Phi_{60}^{3}\ \Phi_{45}^{5}\ \Phi_{30}^{3}\ \Phi_{27}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{9}^{3}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
127332	1700	220	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{220}^{9}\ \Phi_{110}^{9}\ \Phi_{55}^{9}\ \Phi_{20}^{10}\ \Phi_{11}^{9}\ \Phi_{10}^{10}\ \Phi_{5}^{10}\ \Phi_{1}^{10}$
127333	1700	2128	$\frac{1}{28}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{27}{112}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{304}\ \Phi_{152}\ \Phi_{112}^{2}\ \Phi_{56}^{2}\ \Phi_{19}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
127334	1700	1680	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{27}{112}$	$\Phi_{1680}^{2}\ \Phi_{840}^{2}\ \Phi_{560}\ \Phi_{280}\ \Phi_{240}^{2}\ \Phi_{120}^{2}\ \Phi_{80}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
127335	1700	2144	$\frac{3}{67}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{16}{67}$	$\Phi_{2144}\ \Phi_{1072}\ \Phi_{67}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
127336	1700	402	$\frac{3}{67}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{16}{67}$	$\Phi_{402}^{4}\ \Phi_{201}^{4}\ \Phi_{134}^{4}\ \Phi_{67}^{5}\ \Phi_{6}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
127337	1700	1699	$\frac{83}{1699}$	$\frac{259}{1699}$	$\frac{288}{1699}$	$\frac{404}{1699}$	$\Phi_{1699}\ \Phi_{1}^{2}$
127338	1700	2046	$\frac{17}{341}$	$\frac{52}{341}$	$\frac{1}{6}$	$\frac{81}{341}$	$\Phi_{2046}\ \Phi_{1023}\ \Phi_{682}\ \Phi_{186}\ \Phi_{93}\ \Phi_{66}\ \Phi_{62}\ \Phi_{33}\ \Phi_{22}$
127339	1700	1078	$\frac{4}{49}$	$\frac{1}{11}$	$\frac{9}{49}$	$\frac{5}{22}$	$\Phi_{1078}^{2}\ \Phi_{539}\ \Phi_{154}^{2}\ \Phi_{98}^{2}\ \Phi_{77}\ \Phi_{49}^{2}\ \Phi_{22}^{4}\ \Phi_{14}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
127340	1700	66	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{22}$	$\Phi_{66}^{31}\ \Phi_{33}^{31}\ \Phi_{22}^{11}\ \Phi_{11}^{20}\ \Phi_{6}^{30}\ \Phi_{3}^{30}\ \Phi_{2}^{10}\ \Phi_{1}^{20}$
127341	1700	308	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{5}{22}$	$\Phi_{308}^{6}\ \Phi_{154}^{4}\ \Phi_{77}^{5}\ \Phi_{44}^{6}\ \Phi_{28}^{8}\ \Phi_{22}^{6}\ \Phi_{14}^{6}\ \Phi_{11}^{6}\ \Phi_{7}^{6}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
127342	1700	186	$\frac{8}{93}$	$\frac{3}{31}$	$\frac{1}{6}$	$\frac{7}{31}$	$\Phi_{186}^{11}\ \Phi_{93}^{7}\ \Phi_{62}^{11}\ \Phi_{31}^{8}\ \Phi_{6}^{10}\ \Phi_{3}^{6}\ \Phi_{2}^{10}\ \Phi_{1}^{8}$
127343	1700	1440	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{1440}^{2}\ \Phi_{720}^{2}\ \Phi_{480}^{2}\ \Phi_{240}^{2}\ \Phi_{160}\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
127344	1700	1188	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{108}$	$\Phi_{1188}^{2}\ \Phi_{594}^{2}\ \Phi_{396}^{2}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{99}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{22}^{2}$
127345	1700	399	$\frac{1}{21}$	$\frac{3}{19}$	$\frac{4}{21}$	$\frac{4}{19}$	$\Phi_{399}^{4}\ \Phi_{133}^{4}\ \Phi_{57}^{4}\ \Phi_{21}^{8}\ \Phi_{19}^{5}\ \Phi_{7}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{10}$
127346	1700	342	$\frac{1}{18}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\Phi_{342}^{5}\ \Phi_{171}^{5}\ \Phi_{114}^{4}\ \Phi_{57}^{4}\ \Phi_{38}^{4}\ \Phi_{19}^{5}\ \Phi_{18}^{10}\ \Phi_{9}^{10}\ \Phi_{6}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
127347	1700	1729	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1729}\ \Phi_{247}\ \Phi_{91}^2\ \Phi_{19}\ \Phi_{13}^2\ \Phi_1^2$
127348	1700	1862	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1862}\ \Phi_{931}\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{19}\ \Phi_1^2$
127349	1700	1824	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{152}\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
127350	1700	1699	$\frac{79}{1699}$	$\frac{275}{1699}$	$\frac{324}{1699}$	$\frac{356}{1699}$	$\Phi_{1699}\ \Phi_1^2$
127351	1700	1818	$\frac{1}{18}$	$\frac{16}{101}$	$\frac{17}{101}$	$\frac{21}{101}$	$\Phi_{1818}\ \Phi_{909}\ \Phi_{606}\ \Phi_{303}\ \Phi_{202}$
127352	1700	1699	$\frac{84}{1699}$	$\frac{271}{1699}$	$\frac{323}{1699}$	$\frac{344}{1699}$	$\Phi_{1699}\ \Phi_1^2$
127353	1700	2046	$\frac{16}{341}$	$\frac{1}{6}$	$\frac{65}{341}$	$\frac{69}{341}$	$\Phi_{2046}\ \Phi_{1023}\ \Phi_{682}\ \Phi_{186}\ \Phi_{93}\ \Phi_{66}\ \Phi_{62}\ \Phi_{33}\ \Phi_{22}$
127354	1700	210	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{4}{21}$	$\frac{1}{5}$	$\Phi_{210}^{12}\ \Phi_{105}^8\ \Phi_{70}^{12}\ \Phi_{35}^8\ \Phi_{30}^{13}\ \Phi_{15}^9\ \Phi_{10}^{13}\ \Phi_5^8$
127355	1700	710	$\frac{7}{142}$	$\frac{23}{142}$	$\frac{27}{142}$	$\frac{1}{5}$	$\Phi_{710}^3\ \Phi_{355}^3\ \Phi_{10}^3\ \Phi_5^2$
127356	1700	90	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{90}^{25}\ \Phi_{45}^{25}\ \Phi_{30}^{21}\ \Phi_{15}^{21}\ \Phi_{10}^{21}\ \Phi_5^{20}$
127357	1700	2520	$\frac{5}{84}$	$\frac{79}{504}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
127358	1700	2730	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{910}\ \Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
127359	1700	1470	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1470}^2\ \Phi_{735}^2\ \Phi_{490}\ \Phi_{245}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
127360	1700	2310	$\frac{37}{462}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{55}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
127361	1700	480	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{480}^5\ \Phi_{240}^5\ \Phi_{160}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{40}^5\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
127362	1700	462	$\frac{1}{11}$	$\frac{9}{77}$	$\frac{1}{6}$	$\frac{2}{11}$	$\Phi_{462}^5\ \Phi_{231}^5\ \Phi_{154}^5\ \Phi_{66}\ \Phi_{42}^5\ \Phi_{33}\ \Phi_{22}\ \Phi_{21}^5\ \Phi_{14}^5$
127363	1700	198	$\frac{1}{11}$	$\frac{14}{99}$	$\frac{5}{33}$	$\frac{1}{6}$	$\Phi_{198}^{12}\ \Phi_{99}^8\ \Phi_{66}^7\ \Phi_{33}^5\ \Phi_{22}^7\ \Phi_{18}^{12}\ \Phi_{11}^4\ \Phi_9^8\ \Phi_6^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
127364	1701	2720	$\frac{1}{340}$	$\frac{341}{1360}$	$\frac{1019}{2720}$	$\frac{339}{680}$	$\Phi_{2720}\ \Phi_{680}\ \Phi_{544}\ \Phi_{160}\ \Phi_{136}\ \Phi_{40}\ \Phi_{32}\ \Phi_8\ \Phi_1$
127365	1701	3392	$\frac{5}{1696}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1691}{3392}$	$\Phi_{3392}\ \Phi_{64}\ \Phi_8\ \Phi_1$
127366	1701	1452	$\frac{1}{242}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{241}{484}$	$\Phi_{726}^2\ \Phi_{484}\ \Phi_{363}^2\ \Phi_{242}^2\ \Phi_{121}^2\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
127367	1701	4356	$\frac{1}{242}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{241}{484}$	$\Phi_{4356}\ \Phi_{484}\ \Phi_{396}\ \Phi_{44}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
127368	1701	2272	$\frac{3}{568}$	$\frac{1}{4}$	$\frac{571}{2272}$	$\frac{565}{1136}$	$\Phi_{2272}\ \Phi_{568}\ \Phi_{284}\ \Phi_{142}\ \Phi_{71}\ \Phi_{32}\ \Phi_8\ \Phi_1$
127369	1701	752	$\frac{1}{188}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{187}{376}$	$\Phi_{752}^4\ \Phi_{376}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
127370	1701	376	$\frac{1}{188}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{187}{376}$	$\Phi_{376}^9\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
127371	1701	3200	$\frac{1}{100}$	$\frac{101}{1600}$	$\frac{1499}{3200}$	$\frac{99}{200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{200}\ \Phi_{128}\ \Phi_{40}\ \Phi_8\ \Phi_1$
127372	1701	800	$\frac{1}{100}$	$\frac{101}{800}$	$\frac{233}{800}$	$\frac{99}{200}$	$\Phi_{800}^2\ \Phi_{400}^2\ \Phi_{200}^3\ \Phi_{160}^2\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{50}^2\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
127373	1701	2000	$\frac{1}{100}$	$\frac{299}{2000}$	$\frac{101}{400}$	$\frac{99}{200}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{40}\ \Phi_8\ \Phi_1$
127374	1701	160	$\frac{1}{80}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{79}{160}$	$\Phi_{160}^{21}\ \Phi_{40}\ \Phi_{32}^{21}\ \Phi_8\ \Phi_1$
127375	1701	160	$\frac{1}{80}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{79}{160}$	$\Phi_{160}^{21}\ \Phi_{32}^{21}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
127376	1701	160	$\frac{1}{80}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{79}{160}$	$\Phi_{160}^{21}\ \Phi_{32}^{21}\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
127377	1701	800	$\frac{1}{80}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{79}{160}$	$\Phi_{800}^5\ \Phi_{160}\ \Phi_{32}\ \Phi_{25}\ \Phi_1$
127378	1701	1088	$\frac{1}{68}$	$\frac{23}{544}$	$\frac{521}{1088}$	$\frac{67}{136}$	$\Phi_{1088}^3\ \Phi_{136}\ \Phi_{64}^3\ \Phi_8\ \Phi_1$
127379	1701	272	$\frac{1}{68}$	$\frac{23}{272}$	$\frac{83}{272}$	$\frac{67}{136}$	$\Phi_{272}^6\ \Phi_{136}^7\ \Phi_{68}^6\ \Phi_{34}^6\ \Phi_{17}^6\ \Phi_{16}^7\ \Phi_8^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
127380	1701	272	$\frac{1}{68}$	$\frac{29}{272}$	$\frac{69}{272}$	$\frac{67}{136}$	$\Phi_{272}^6\ \Phi_{136}^7\ \Phi_{68}^6\ \Phi_{34}^6\ \Phi_{17}^6\ \Phi_{16}^6\ \Phi_8^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
127381	1701	2176	$\frac{1}{68}$	$\frac{69}{544}$	$\frac{475}{2176}$	$\frac{67}{136}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{136}\ \Phi_{128}\ \Phi_{64}\ \Phi_8\ \Phi_1$
127382	1701	680	$\frac{1}{68}$	$\frac{113}{680}$	$\frac{23}{136}$	$\frac{67}{136}$	$\Phi_{680}^3\ \Phi_{340}^3\ \Phi_{170}^3\ \Phi_{136}\ \Phi_{85}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8\ \Phi_5^3\ \Phi_1$
127383	1701	760	$\frac{3}{190}$	$\frac{1}{10}$	$\frac{193}{760}$	$\frac{187}{380}$	$\Phi_{760}^3\ \Phi_{190}^3\ \Phi_{152}^3\ \Phi_{95}^3\ \Phi_{40}^3\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
127384	1701	1612	$\frac{1}{62}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{61}{124}$	$\Phi_{806}^{2}\,\Phi_{403}^{2}\,\Phi_{124}\,\Phi_{62}^{2}\,\Phi_{52}\,\Phi_{31}^{2}\,\Phi_{26}^{2}\,\Phi_{13}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
127385	1701	1612	$\frac{1}{62}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{61}{124}$	$\Phi_{1612}^{2}\,\Phi_{124}^{3}\,\Phi_{52}^{2}\,\Phi_{13}^{2}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
127386	1701	620	$\frac{1}{62}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{61}{124}$	$\Phi_{620}^{2}\,\Phi_{310}^{4}\,\Phi_{155}^{4}\,\Phi_{124}\,\Phi_{62}^{2}\,\Phi_{31}^{2}\,\Phi_{20}^{4}\,\Phi_{10}^{5}\,\Phi_{5}^{5}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
127387	1701	476	$\frac{5}{238}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{233}{476}$	$\Phi_{476}^{7}\,\Phi_{68}^{7}\,\Phi_{28}^{7}\,\Phi_{17}^{2}\,\Phi_{4}^{7}\,\Phi_{1}^{3}$
127388	1701	370	$\frac{4}{185}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{181}{370}$	$\Phi_{370}^{4}\,\Phi_{185}^{5}\,\Phi_{74}^{4}\,\Phi_{37}^{5}\,\Phi_{10}^{8}\,\Phi_{5}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
127389	1701	620	$\frac{4}{155}$	$\frac{53}{620}$	$\frac{1}{5}$	$\frac{151}{310}$	$\Phi_{620}^{3}\,\Phi_{310}^{2}\,\Phi_{155}^{3}\,\Phi_{124}^{3}\,\Phi_{62}^{2}\,\Phi_{31}^{3}\,\Phi_{20}^{3}\,\Phi_{10}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
127390	1701	380	$\frac{1}{38}$	$\frac{1}{10}$	$\frac{13}{76}$	$\frac{37}{76}$	$\Phi_{380}^{4}\,\Phi_{190}^{6}\,\Phi_{95}^{6}\,\Phi_{76}^{2}\,\Phi_{38}^{3}\,\Phi_{20}^{4}\,\Phi_{19}^{3}\,\Phi_{10}^{5}\,\Phi_{5}^{5}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
127391	1701	1100	$\frac{17}{550}$	$\frac{1}{25}$	$\frac{8}{25}$	$\frac{533}{1100}$	$\Phi_{1100}^{3}\,\Phi_{220}^{3}\,\Phi_{100}^{3}\,\Phi_{44}^{3}\,\Phi_{25}^{2}\,\Phi_{20}^{3}\,\Phi_{5}^{2}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
127392	1701	1100	$\frac{17}{550}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{533}{1100}$	$\Phi_{1100}^{3}\,\Phi_{220}^{3}\,\Phi_{100}^{3}\,\Phi_{55}\,\Phi_{44}^{3}\,\Phi_{20}^{3}\,\Phi_{11}\,\Phi_{4}^{3}\,\Phi_{1}$
127393	1701	85	$\frac{3}{85}$	$\frac{4}{85}$	$\frac{22}{85}$	$\frac{41}{85}$	$\Phi_{85}^{20}\,\Phi_{17}^{20}\,\Phi_{5}^{20}\,\Phi_{1}^{21}$
127394	1701	1612	$\frac{1}{31}$	$\frac{1}{26}$	$\frac{10}{31}$	$\frac{25}{52}$	$\Phi_{1612}^{2}\,\Phi_{124}^{2}\,\Phi_{52}^{3}\,\Phi_{31}^{2}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
127395	1701	572	$\frac{1}{26}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{572}^{2}\,\Phi_{286}^{4}\,\Phi_{143}^{4}\,\Phi_{52}\,\Phi_{44}^{4}\,\Phi_{26}^{2}\,\Phi_{22}^{5}\,\Phi_{13}^{2}\,\Phi_{11}^{5}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
127396	1701	1612	$\frac{1}{26}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{25}{52}$	$\Phi_{1612}^{2}\,\Phi_{124}^{2}\,\Phi_{52}^{3}\,\Phi_{31}^{2}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
127397	1701	520	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{25}{52}$	$\Phi_{520}^{4}\,\Phi_{260}^{2}\,\Phi_{130}^{4}\,\Phi_{104}^{2}\,\Phi_{65}^{4}\,\Phi_{52}\,\Phi_{40}^{6}\,\Phi_{26}^{2}\,\Phi_{20}^{4}\,\Phi_{13}^{2}\,\Phi_{10}^{5}\,\Phi_{8}^{3}\,\Phi_{5}^{5}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
127398	1701	2300	$\frac{1}{25}$	$\frac{24}{575}$	$\frac{599}{2300}$	$\frac{551}{1150}$	$\Phi_{2300}\,\Phi_{575}\,\Phi_{460}\,\Phi_{115}\,\Phi_{100}\,\Phi_{92}\,\Phi_{23}\,\Phi_{20}\,\Phi_{4}\,\Phi_{1}$
127399	1701	1088	$\frac{1}{34}$	$\frac{23}{544}$	$\frac{11}{34}$	$\frac{521}{1088}$	$\Phi_{1088}^{3}\,\Phi_{64}^{3}\,\Phi_{34}^{2}\,\Phi_{17}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
127400	1701	1900	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{199}{1900}$	$\frac{181}{380}$	$\Phi_{1900}\,\Phi_{950}\,\Phi_{475}\,\Phi_{190}\,\Phi_{100}\,\Phi_{95}\,\Phi_{50}\,\Phi_{38}\,\Phi_{25}\,\Phi_{19}\,\Phi_{1}$
127401	1701	40	$\frac{1}{40}$	$\frac{1}{20}$	$\frac{13}{40}$	$\frac{19}{40}$	$\Phi_{40}^{43}\,\Phi_{20}^{42}\,\Phi_{10}^{42}\,\Phi_{8}^{43}\,\Phi_{5}^{42}\,\Phi_{4}^{42}\,\Phi_{2}^{42}\,\Phi_{1}^{43}$
127402	1701	1760	$\frac{59}{1760}$	$\frac{1}{20}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{1760}\,\Phi_{880}\,\Phi_{440}\,\Phi_{352}\,\Phi_{220}\,\Phi_{176}\,\Phi_{160}\,\Phi_{110}\,\Phi_{88}\,\Phi_{55}\,\Phi_{44}\,\Phi_{40}\,\Phi_{32}\,\Phi_{22}\,\Phi_{11}\,\Phi_{8}\,\Phi_{1}$
127403	1701	280	$\frac{1}{28}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{280}^{12}\,\Phi_{56}^{12}\,\Phi_{40}^{9}\,\Phi_{28}^{3}\,\Phi_{14}^{3}\,\Phi_{8}^{9}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
127404	1701	320	$\frac{3}{80}$	$\frac{1}{20}$	$\frac{77}{320}$	$\frac{19}{40}$	$\Phi_{320}^{7}\,\Phi_{160}^{7}\,\Phi_{64}^{7}\,\Phi_{40}\,\Phi_{32}^{7}\,\Phi_{8}\,\Phi_{1}$
127405	1701	680	$\frac{4}{85}$	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{680}^{5}\,\Phi_{136}^{5}\,\Phi_{85}\,\Phi_{40}\,\Phi_{17}\,\Phi_{8}\,\Phi_{1}$
127406	1701	200	$\frac{1}{20}$	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{19}{40}$	$\Phi_{200}^{20}\,\Phi_{100}\,\Phi_{50}\,\Phi_{40}\,\Phi_{25}\,\Phi_{8}\,\Phi_{1}$
127407	1701	200	$\frac{1}{20}$	$\frac{11}{200}$	$\frac{7}{40}$	$\frac{19}{40}$	$\Phi_{200}^{9}\,\Phi_{100}^{9}\,\Phi_{50}^{9}\,\Phi_{40}^{7}\,\Phi_{25}^{9}\,\Phi_{20}^{6}\,\Phi_{10}^{6}\,\Phi_{8}^{7}\,\Phi_{5}^{6}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
127408	1701	160	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{19}{40}$	$\Phi_{160}^{12}\,\Phi_{80}^{8}\,\Phi_{40}^{9}\,\Phi_{32}^{15}\,\Phi_{20}^{8}\,\Phi_{16}^{10}\,\Phi_{10}^{8}\,\Phi_{8}^{11}\,\Phi_{5}^{8}\,\Phi_{4}^{10}\,\Phi_{2}^{10}\,\Phi_{1}^{11}$
127409	1701	280	$\frac{1}{20}$	$\frac{3}{40}$	$\frac{37}{280}$	$\frac{19}{40}$	$\Phi_{280}^{7}\,\Phi_{140}^{7}\,\Phi_{70}^{7}\,\Phi_{56}^{7}\,\Phi_{40}\,\Phi_{35}^{7}\,\Phi_{28}^{7}\,\Phi_{14}^{7}\,\Phi_{8}\,\Phi_{7}^{7}\,\Phi_{1}$
127410	1701	440	$\frac{1}{20}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{19}{40}$	$\Phi_{440}^{4}\,\Phi_{220}^{4}\,\Phi_{110}^{4}\,\Phi_{88}^{5}\,\Phi_{55}^{4}\,\Phi_{44}^{5}\,\Phi_{40}\,\Phi_{22}^{5}\,\Phi_{11}^{5}\,\Phi_{8}\,\Phi_{1}$
127411	1701	640	$\frac{1}{20}$	$\frac{7}{80}$	$\frac{73}{640}$	$\frac{19}{40}$	$\Phi_{640}^{3}\,\Phi_{320}^{3}\,\Phi_{160}^{3}\,\Phi_{128}^{3}\,\Phi_{64}^{3}\,\Phi_{40}\,\Phi_{32}^{3}\,\Phi_{8}\,\Phi_{1}$
127412	1701	40	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{19}{40}$	$\Phi_{40}^{81}\,\Phi_{10}^{8}\,\Phi_{8}^{81}\,\Phi_{5}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
127413	1701	2312	$\frac{1}{34}$	$\frac{33}{578}$	$\frac{611}{2312}$	$\frac{545}{1156}$	$\Phi_{2312}\,\Phi_{578}\,\Phi_{289}\,\Phi_{136}\,\Phi_{8}\,\Phi_{1}$
127414	1701	187	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{19}{187}$	$\frac{8}{17}$	$\Phi_{187}^{9}\,\Phi_{17}^{10}\,\Phi_{11}^{9}\,\Phi_{1}^{11}$
127415	1701	1760	$\frac{59}{1760}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{1760}\,\Phi_{880}\,\Phi_{440}\,\Phi_{352}\,\Phi_{220}\,\Phi_{176}\,\Phi_{160}\,\Phi_{88}\,\Phi_{80}\,\Phi_{55}\,\Phi_{44}\,\Phi_{40}\,\Phi_{32}\,\Phi_{20}\,\Phi_{16}\,\Phi_{11}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
127416	1701	3100	$\frac{4}{155}$	$\frac{151}{1550}$	$\frac{1}{5}$	$\frac{1399}{3100}$	$\Phi_{3100}\,\Phi_{620}\,\Phi_{155}\,\Phi_{124}\,\Phi_{100}\,\Phi_{31}\,\Phi_{20}\,\Phi_{4}\,\Phi_{1}$
127417	1701	200	$\frac{11}{200}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{200}^{9}\,\Phi_{100}^{9}\,\Phi_{50}^{9}\,\Phi_{40}^{9}\,\Phi_{25}^{9}\,\Phi_{10}^{8}\,\Phi_{8}^{9}\,\Phi_{5}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
127418	1701	190	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{2}{19}$	$\frac{17}{38}$	$\Phi_{190}^{10}\,\Phi_{95}^{10}\,\Phi_{38}\,\Phi_{19}^{9}\,\Phi_{10}^{9}\,\Phi_{5}^{9}\,\Phi_{1}^{9}$
127419	1701	340	$\frac{1}{85}$	$\frac{19}{170}$	$\frac{28}{85}$	$\frac{151}{340}$	$\Phi_{340}^{9}\,\Phi_{85}^{2}\,\Phi_{68}^{9}\,\Phi_{20}^{9}\,\Phi_{17}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{9}\,\Phi_{1}^{3}$
127420	1701	340	$\frac{4}{85}$	$\frac{9}{85}$	$\frac{19}{170}$	$\frac{151}{340}$	$\Phi_{340}^{9}\,\Phi_{85}^{2}\,\Phi_{68}^{9}\,\Phi_{20}^{9}\,\Phi_{17}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{9}\,\Phi_{1}^{3}$
127421	1701	3040	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{181}{1520}$	$\frac{1339}{3040}$	$\Phi_{3040}\,\Phi_{608}\,\Phi_{190}\,\Phi_{160}\,\Phi_{95}\,\Phi_{38}\,\Phi_{32}\,\Phi_{19}\,\Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
127422	1701	752	$\frac{1}{94}$	$\frac{1}{8}$	$\frac{31}{94}$	$\frac{7}{16}$	$\Phi_{752}^4\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{16}^5\ \Phi_2^2\ \Phi_1^3$
127423	1701	64	$\frac{1}{64}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{64}^{27}\ \Phi_{32}^{27}\ \Phi_{16}^{24}\ \Phi_8^{27}\ \Phi_4^{26}\ \Phi_2^{26}\ \Phi_1^{27}$
127424	1701	3760	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{46}{235}$	$\frac{7}{16}$	$\Phi_{3760}\ \Phi_{235}\ \Phi_{80}\ \Phi_{16}\ \Phi_5\ \Phi_1$
127425	1701	752	$\frac{3}{94}$	$\frac{1}{8}$	$\frac{13}{94}$	$\frac{7}{16}$	$\Phi_{752}^4\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{16}^5\ \Phi_2^2\ \Phi_1^3$
127426	1701	112	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{112}^{28}\ \Phi_{56}^4\ \Phi_{28}^3\ \Phi_{16}^{21}\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
127427	1701	752	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{752}^4\ \Phi_{47}^4\ \Phi_{16}^5\ \Phi_1^5$
127428	1701	880	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{880}^4\ \Phi_{176}^2\ \Phi_{110}^2\ \Phi_{80}^2\ \Phi_{55}^2\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
127429	1701	1000	$\frac{1}{100}$	$\frac{67}{500}$	$\frac{33}{100}$	$\frac{433}{1000}$	$\Phi_{1000}^3\ \Phi_{200}^3\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{40}^3\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
127430	1701	1000	$\frac{1}{50}$	$\frac{67}{500}$	$\frac{49}{250}$	$\frac{433}{1000}$	$\Phi_{1000}^3\ \Phi_{250}\ \Phi_{200}^3\ \Phi_{125}\ \Phi_{40}^3\ \Phi_8^3\ \Phi_1$
127431	1701	100	$\frac{1}{50}$	$\frac{7}{50}$	$\frac{19}{100}$	$\frac{43}{100}$	$\Phi_{100}^{14}\ \Phi_{50}^{20}\ \Phi_{25}^{20}\ \Phi_{20}^{14}\ \Phi_{10}^{20}\ \Phi_5^{20}\ \Phi_4^{14}\ \Phi_2^{20}\ \Phi_1^{21}$
127432	1701	284	$\frac{1}{71}$	$\frac{10}{71}$	$\frac{1}{4}$	$\frac{61}{142}$	$\Phi_{284}^8\ \Phi_{142}\ \Phi_{71}^7\ \Phi_4^7\ \Phi_1^7$
127433	1701	340	$\frac{1}{85}$	$\frac{12}{85}$	$\frac{97}{340}$	$\frac{73}{170}$	$\Phi_{340}^7\ \Phi_{85}^6\ \Phi_{68}^7\ \Phi_{20}^7\ \Phi_{17}^6\ \Phi_5^6\ \Phi_4^7\ \Phi_1^7$
127434	1701	800	$\frac{1}{100}$	$\frac{33}{200}$	$\frac{233}{800}$	$\frac{167}{400}$	$\Phi_{800}^3\ \Phi_{200}^3\ \Phi_{160}^3\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
127435	1701	1452	$\frac{1}{121}$	$\frac{1}{6}$	$\frac{40}{121}$	$\frac{5}{12}$	$\Phi_{1452}^2\ \Phi_{484}^2\ \Phi_{132}^2\ \Phi_{121}^2\ \Phi_{44}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_4^3\ \Phi_1^3$
127436	1701	492	$\frac{1}{82}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{492}^2\ \Phi_{246}^4\ \Phi_{164}^4\ \Phi_{123}^4\ \Phi_{82}^5\ \Phi_{41}^5\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
127437	1701	1452	$\frac{4}{121}$	$\frac{13}{121}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1452}^2\ \Phi_{484}^2\ \Phi_{132}^2\ \Phi_{121}^2\ \Phi_{44}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_4^3\ \Phi_1^3$
127438	1701	420	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^6\ \Phi_{105}^4\ \Phi_{84}^2\ \Phi_{70}^6\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^6\ \Phi_{30}^4\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}^3\ \Phi_{12}\ \Phi_{10}^5\ \Phi_7^3\ \Phi_6^2\ \Phi_5^5\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
127439	1701	3036	$\frac{10}{253}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3036}\ \Phi_{1012}\ \Phi_{276}\ \Phi_{253}\ \Phi_{92}\ \Phi_{23}\ \Phi_{12}\ \Phi_4\ \Phi_1$
127440	1701	264	$\frac{1}{22}$	$\frac{7}{88}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{264}^6\ \Phi_{132}^4\ \Phi_{88}^9\ \Phi_{66}^6\ \Phi_{44}^7\ \Phi_{33}^6\ \Phi_{24}^6\ \Phi_{22}^8\ \Phi_{12}^5\ \Phi_{11}^8\ \Phi_8^9\ \Phi_6^6\ \Phi_4^8\ \Phi_3^6\ \Phi_2^8\ \Phi_1^9$
127441	1701	136	$\frac{3}{68}$	$\frac{5}{68}$	$\frac{13}{68}$	$\frac{55}{136}$	$\Phi_{136}^{21}\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_8^{21}\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
127442	1701	2000	$\frac{1}{50}$	$\frac{299}{2000}$	$\frac{49}{250}$	$\frac{201}{500}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{400}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_8\ \Phi_1$
127443	1701	2840	$\frac{3}{284}$	$\frac{281}{1420}$	$\frac{1}{4}$	$\frac{1139}{2840}$	$\Phi_{2840}\ \Phi_{568}\ \Phi_{284}\ \Phi_{142}\ \Phi_{71}\ \Phi_{40}\ \Phi_8\ \Phi_1$
127444	1701	565	$\frac{4}{565}$	$\frac{1}{5}$	$\frac{187}{565}$	$\frac{2}{5}$	$\Phi_{565}^3\ \Phi_{113}^3\ \Phi_5^4\ \Phi_1^5$
127445	1701	400	$\frac{1}{50}$	$\frac{7}{50}$	$\frac{43}{200}$	$\frac{157}{400}$	$\Phi_{400}^7\ \Phi_{80}^7\ \Phi_{50}^6\ \Phi_{25}^6\ \Phi_{16}^7\ \Phi_{10}^6\ \Phi_5^6\ \Phi_2^6\ \Phi_1^7$
127446	1701	1520	$\frac{1}{38}$	$\frac{1}{10}$	$\frac{37}{152}$	$\frac{115}{304}$	$\Phi_{1520}^2\ \Phi_{304}\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{80}^2\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
127447	1701	848	$\frac{5}{848}$	$\frac{1}{4}$	$\frac{281}{848}$	$\frac{3}{8}$	$\Phi_{848}^2\ \Phi_{424}^2\ \Phi_{212}^2\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{16}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
127448	1701	1712	$\frac{11}{1712}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1712}\ \Phi_{856}\ \Phi_{428}\ \Phi_{214}\ \Phi_{107}\ \Phi_8\ \Phi_1$
127449	1701	2120	$\frac{5}{424}$	$\frac{419}{2120}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{265}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
127450	1701	64	$\frac{1}{64}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{64}^{27}\ \Phi_{32}^{26}\ \Phi_{16}^{26}\ \Phi_8^{27}\ \Phi_4^{26}\ \Phi_2^{26}\ \Phi_1^{27}$
127451	1701	248	$\frac{5}{248}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{248}^7\ \Phi_{124}^7\ \Phi_{62}^7\ \Phi_{31}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
127452	1701	448	$\frac{1}{64}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{448}^4\ \Phi_{224}^4\ \Phi_{112}^4\ \Phi_{64}^3\ \Phi_{56}^4\ \Phi_{32}^3\ \Phi_{28}^4\ \Phi_{16}^3\ \Phi_{14}\ \Phi_8^3\ \Phi_7^3\ \Phi_4^3\ \Phi_1^3$
127453	1701	580	$\frac{13}{580}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{580}^3\ \Phi_{290}^3\ \Phi_{145}^3\ \Phi_{116}^3\ \Phi_{58}^3\ \Phi_{29}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
127454	1701	224	$\frac{1}{28}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{224}^{12}\ \Phi_{112}^4\ \Phi_{56}^4\ \Phi_{32}^9\ \Phi_{28}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
127455	1701	200	$\frac{1}{25}$	$\frac{11}{200}$	$\frac{8}{25}$	$\frac{17}{50}$	$\Phi_{200}^9\ \Phi_{100}^9\ \Phi_{50}^6\ \Phi_{40}^9\ \Phi_{25}^8\ \Phi_{20}^9\ \Phi_{10}^6\ \Phi_8^9\ \Phi_5^8\ \Phi_4^9\ \Phi_2^6\ \Phi_1^9$
127456	1701	68	$\frac{1}{34}$	$\frac{5}{68}$	$\frac{11}{34}$	$\frac{23}{68}$	$\Phi_{68}^{24}\ \Phi_{34}^{26}\ \Phi_{17}^{26}\ \Phi_4^{24}\ \Phi_2^{26}\ \Phi_1^{27}$
127457	1701	488	$\frac{1}{61}$	$\frac{1}{8}$	$\frac{20}{61}$	$\frac{41}{122}$	$\Phi_{488}^4\ \Phi_{244}^4\ \Phi_{122}\ \Phi_{61}^3\ \Phi_8^3\ \Phi_4^3\ \Phi_1^3$
127458	1701	680	$\frac{1}{85}$	$\frac{113}{680}$	$\frac{28}{85}$	$\frac{57}{170}$	$\Phi_{680}^3\ \Phi_{340}^3\ \Phi_{136}^3\ \Phi_{85}^2\ \Phi_{68}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{17}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
127459	1701	284	$\frac{1}{142}$	$\frac{1}{4}$	$\frac{47}{142}$	$\frac{95}{284}$	$\Phi_{284}^{5}\ \Phi_{142}^{7}\ \Phi_{71}^{7}\ \Phi_{4}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
127460	1701	1089	$\frac{1}{121}$	$\frac{2}{9}$	$\frac{40}{121}$	$\frac{1}{3}$	$\Phi_{1089}^{2}\ \Phi_{121}^{2}\ \Phi_{99}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
127461	1701	1476	$\frac{1}{82}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1476}^{2}\ \Phi_{738}\ \Phi_{369}\ \Phi_{164}^{2}\ \Phi_{82}\ \Phi_{41}\ \Phi_{36}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
127462	1701	1089	$\frac{4}{121}$	$\frac{13}{121}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1089}^{2}\ \Phi_{121}^{2}\ \Phi_{99}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
127463	1701	1260	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{252}\ \Phi_{180}^{2}\ \Phi_{140}^{2}\ \Phi_{126}\ \Phi_{90}\ \Phi_{70}^{2}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}^{2}\ \Phi_{28}\ \Phi_{20}^{2}\ \Phi_{14}\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
127464	1701	2277	$\frac{10}{253}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2277}\ \Phi_{253}\ \Phi_{207}\ \Phi_{23}\ \Phi_{9}\ \Phi_{1}$
127465	1701	792	$\frac{1}{22}$	$\frac{7}{88}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{792}^{3}\ \Phi_{396}^{3}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{88}^{3}\ \Phi_{72}^{3}\ \Phi_{44}^{3}\ \Phi_{36}^{3}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127466	1701	188	$\frac{1}{94}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{31}{94}$	$\Phi_{188}^{8}\ \Phi_{94}^{10}\ \Phi_{47}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
127467	1701	85	$\frac{1}{85}$	$\frac{19}{85}$	$\frac{22}{85}$	$\frac{28}{85}$	$\Phi_{85}^{20}\ \Phi_{17}^{20}\ \Phi_{5}^{20}\ \Phi_{1}^{21}$
127468	1701	568	$\frac{7}{568}$	$\frac{127}{568}$	$\frac{1}{4}$	$\frac{187}{568}$	$\Phi_{568}^{3}\ \Phi_{284}^{3}\ \Phi_{142}^{3}\ \Phi_{71}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127469	1701	187	$\frac{4}{187}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{61}{187}$	$\Phi_{187}^{9}\ \Phi_{17}^{10}\ \Phi_{11}^{9}\ \Phi_{1}^{11}$
127470	1701	40	$\frac{1}{40}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{13}{40}$	$\Phi_{40}^{42}\ \Phi_{20}^{42}\ \Phi_{10}^{44}\ \Phi_{8}^{42}\ \Phi_{5}^{44}\ \Phi_{4}^{42}\ \Phi_{2}^{44}\ \Phi_{1}^{45}$
127471	1701	40	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{13}{40}$	$\Phi_{40}^{42}\ \Phi_{20}^{42}\ \Phi_{10}^{42}\ \Phi_{8}^{45}\ \Phi_{5}^{42}\ \Phi_{4}^{44}\ \Phi_{2}^{44}\ \Phi_{1}^{45}$
127472	1701	200	$\frac{1}{40}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{13}{40}$	$\Phi_{200}^{10}\ \Phi_{100}^{10}\ \Phi_{50}^{10}\ \Phi_{40}^{2}\ \Phi_{25}^{11}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127473	1701	425	$\frac{11}{425}$	$\frac{41}{425}$	$\frac{128}{425}$	$\frac{138}{425}$	$\Phi_{425}^{4}\ \Phi_{85}^{4}\ \Phi_{25}^{4}\ \Phi_{17}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{5}$
127474	1701	488	$\frac{7}{244}$	$\frac{1}{8}$	$\frac{55}{244}$	$\frac{79}{244}$	$\Phi_{488}^{4}\ \Phi_{244}^{3}\ \Phi_{122}^{3}\ \Phi_{61}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127475	1701	272	$\frac{1}{34}$	$\frac{23}{272}$	$\frac{83}{272}$	$\frac{11}{34}$	$\Phi_{272}^{6}\ \Phi_{136}^{6}\ \Phi_{68}^{6}\ \Phi_{34}^{8}\ \Phi_{17}^{8}\ \Phi_{16}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
127476	1701	680	$\frac{1}{34}$	$\frac{113}{680}$	$\frac{23}{136}$	$\frac{11}{34}$	$\Phi_{680}^{3}\ \Phi_{340}^{3}\ \Phi_{170}^{3}\ \Phi_{85}^{3}\ \Phi_{40}^{3}\ \Phi_{34}^{2}\ \Phi_{20}^{3}\ \Phi_{17}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127477	1701	403	$\frac{1}{31}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{10}{31}$	$\Phi_{403}^{4}\ \Phi_{31}^{6}\ \Phi_{13}^{6}\ \Phi_{1}^{9}$
127478	1701	620	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{10}{31}$	$\Phi_{620}^{4}\ \Phi_{310}^{2}\ \Phi_{155}^{2}\ \Phi_{124}^{2}\ \Phi_{31}^{2}\ \Phi_{20}^{6}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
127479	1701	425	$\frac{14}{425}$	$\frac{32}{425}$	$\frac{131}{425}$	$\frac{137}{425}$	$\Phi_{425}^{4}\ \Phi_{85}^{4}\ \Phi_{25}^{4}\ \Phi_{17}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{5}$
127480	1701	425	$\frac{14}{425}$	$\frac{47}{425}$	$\frac{96}{425}$	$\frac{137}{425}$	$\Phi_{425}^{4}\ \Phi_{85}^{4}\ \Phi_{25}^{4}\ \Phi_{17}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{5}$
127481	1701	568	$\frac{19}{568}$	$\frac{55}{568}$	$\frac{1}{4}$	$\frac{183}{568}$	$\Phi_{568}^{3}\ \Phi_{284}^{3}\ \Phi_{142}^{3}\ \Phi_{71}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127482	1701	190	$\frac{7}{190}$	$\frac{1}{10}$	$\frac{43}{190}$	$\frac{61}{190}$	$\Phi_{190}^{9}\ \Phi_{95}^{9}\ \Phi_{38}^{9}\ \Phi_{19}^{9}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
127483	1701	275	$\frac{1}{25}$	$\frac{17}{275}$	$\frac{86}{275}$	$\frac{8}{25}$	$\Phi_{275}^{6}\ \Phi_{55}^{6}\ \Phi_{25}^{8}\ \Phi_{11}^{6}\ \Phi_{5}^{8}\ \Phi_{1}^{9}$
127484	1701	119	$\frac{5}{119}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{38}{119}$	$\Phi_{119}^{14}\ \Phi_{17}^{16}\ \Phi_{7}^{14}\ \Phi_{1}^{17}$
127485	1701	850	$\frac{37}{850}$	$\frac{73}{850}$	$\frac{193}{850}$	$\frac{271}{850}$	$\Phi_{850}^{2}\ \Phi_{425}^{2}\ \Phi_{170}^{2}\ \Phi_{85}^{2}\ \Phi_{50}^{2}\ \Phi_{34}^{2}\ \Phi_{25}^{2}\ \Phi_{17}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127486	1701	568	$\frac{25}{568}$	$\frac{43}{568}$	$\frac{1}{4}$	$\frac{181}{568}$	$\Phi_{568}^{3}\ \Phi_{284}^{3}\ \Phi_{142}^{3}\ \Phi_{71}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127487	1701	380	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{13}{76}$	$\frac{6}{19}$	$\Phi_{380}^{6}\ \Phi_{190}^{4}\ \Phi_{95}^{4}\ \Phi_{76}^{3}\ \Phi_{38}\ \Phi_{20}^{6}\ \Phi_{19}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
127488	1701	275	$\frac{17}{275}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{86}{275}$	$\Phi_{275}^{6}\ \Phi_{55}^{7}\ \Phi_{25}^{6}\ \Phi_{11}^{7}\ \Phi_{5}^{6}\ \Phi_{1}^{7}$
127489	1701	200	$\frac{11}{200}$	$\frac{7}{100}$	$\frac{23}{100}$	$\frac{31}{100}$	$\Phi_{200}^{9}\ \Phi_{100}^{8}\ \Phi_{50}^{8}\ \Phi_{40}^{9}\ \Phi_{25}^{8}\ \Phi_{20}^{8}\ \Phi_{10}^{8}\ \Phi_{8}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
127490	1701	605	$\frac{38}{605}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{17}{55}$	$\Phi_{605}^{3}\ \Phi_{121}^{3}\ \Phi_{55}\ \Phi_{11}\ \Phi_{1}$
127491	1701	572	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{572}^{4}\ \Phi_{286}^{2}\ \Phi_{143}^{2}\ \Phi_{52}^{2}\ \Phi_{44}^{6}\ \Phi_{22}^{3}\ \Phi_{13}^{2}\ \Phi_{11}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
127492	1701	403	$\frac{1}{13}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{4}{13}$	$\Phi_{403}^{4}\ \Phi_{31}^{6}\ \Phi_{13}^{6}\ \Phi_{1}^{9}$
127493	1701	520	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{4}{13}$	$\Phi_{520}^{4}\ \Phi_{260}^{4}\ \Phi_{130}^{2}\ \Phi_{104}^{2}\ \Phi_{65}^{2}\ \Phi_{52}^{2}\ \Phi_{40}^{6}\ \Phi_{20}^{6}\ \Phi_{13}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
127494	1701	902	$\frac{1}{22}$	$\frac{7}{82}$	$\frac{19}{82}$	$\frac{25}{82}$	$\Phi_{902}^{2}\ \Phi_{451}^{2}\ \Phi_{82}\ \Phi_{41}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
127495	1701	425	$\frac{33}{425}$	$\frac{41}{425}$	$\frac{56}{425}$	$\frac{128}{425}$	$\Phi_{425}^{4}\ \Phi_{85}^{4}\ \Phi_{25}^{4}\ \Phi_{17}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{5}$
127496	1701	140	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{140}^{12}\ \Phi_{70}^{12}\ \Phi_{35}^{12}\ \Phi_{28}^{15}\ \Phi_{20}^{8}\ \Phi_{14}^{15}\ \Phi_{10}^{10}\ \Phi_{7}^{15}\ \Phi_{5}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
127497	1701	170	$\frac{4}{85}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{170}^{10}\ \Phi_{85}^{11}\ \Phi_{34}^{10}\ \Phi_{17}^{11}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127498	1701	100	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{19}{100}$	$\frac{3}{10}$	$\Phi_{100}^{21}\ \Phi_{50}^{21}\ \Phi_{25}^{21}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127499	1701	200	$\frac{11}{200}$	$\frac{1}{10}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{200}^{9}\ \Phi_{100}^{9}\ \Phi_{50}^{9}\ \Phi_{40}^{6}\ \Phi_{25}^{9}\ \Phi_{20}^{6}\ \Phi_{10}^{8}\ \Phi_{8}^{6}\ \Phi_{5}^{8}\ \Phi_{4}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
127500	1701	160	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{5}{32}$	$\frac{3}{10}$	$\Phi_{160}^{12}\ \Phi_{80}^{8}\ \Phi_{40}^{8}\ \Phi_{32}^{15}\ \Phi_{20}^{8}\ \Phi_{16}^{10}\ \Phi_{10}^{10}\ \Phi_{8}^{10}\ \Phi_{5}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
127501	1701	440	$\frac{7}{88}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{10}$	$\Phi_{440}^{4}\ \Phi_{220}^{4}\ \Phi_{110}^{4}\ \Phi_{88}^{5}\ \Phi_{55}^{4}\ \Phi_{44}^{5}\ \Phi_{22}^{5}\ \Phi_{11}^{5}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127502	1701	640	$\frac{7}{80}$	$\frac{1}{10}$	$\frac{73}{640}$	$\frac{3}{10}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{128}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127503	1701	10	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{3}{10}$	$\Phi_{10}^{170}\ \Phi_{5}^{170}\ \Phi_{2}^{170}\ \Phi_{1}^{171}$
127504	1701	488	$\frac{19}{244}$	$\frac{25}{244}$	$\frac{1}{8}$	$\frac{73}{244}$	$\Phi_{488}^{4}\ \Phi_{244}^{3}\ \Phi_{122}^{3}\ \Phi_{61}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127505	1701	850	$\frac{31}{850}$	$\frac{91}{850}$	$\frac{199}{850}$	$\frac{253}{850}$	$\Phi_{850}^{2}\ \Phi_{425}^{2}\ \Phi_{170}^{2}\ \Phi_{85}^{2}\ \Phi_{50}^{2}\ \Phi_{34}^{2}\ \Phi_{25}^{2}\ \Phi_{17}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127506	1701	568	$\frac{19}{568}$	$\frac{61}{568}$	$\frac{1}{4}$	$\frac{169}{568}$	$\Phi_{568}^{3}\ \Phi_{284}^{3}\ \Phi_{142}^{3}\ \Phi_{71}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127507	1701	448	$\frac{1}{28}$	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{448}^{4}\ \Phi_{224}^{4}\ \Phi_{112}^{4}\ \Phi_{64}^{3}\ \Phi_{56}^{4}\ \Phi_{32}^{3}\ \Phi_{28}^{3}\ \Phi_{16}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127508	1701	85	$\frac{4}{85}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{85}^{21}\ \Phi_{17}^{16}\ \Phi_{5}^{21}\ \Phi_{1}^{17}$
127509	1701	187	$\frac{12}{187}$	$\frac{2}{17}$	$\frac{25}{187}$	$\frac{5}{17}$	$\Phi_{187}^{9}\ \Phi_{17}^{10}\ \Phi_{11}^{9}\ \Phi_{1}^{11}$
127510	1701	850	$\frac{67}{850}$	$\frac{87}{850}$	$\frac{109}{850}$	$\frac{247}{850}$	$\Phi_{850}^{2}\ \Phi_{425}^{2}\ \Phi_{170}^{2}\ \Phi_{85}^{2}\ \Phi_{50}^{2}\ \Phi_{34}^{2}\ \Phi_{25}^{2}\ \Phi_{17}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127511	1701	190	$\frac{3}{38}$	$\frac{1}{10}$	$\frac{5}{38}$	$\frac{11}{38}$	$\Phi_{190}^{10}\ \Phi_{95}^{10}\ \Phi_{38}^{5}\ \Phi_{19}^{5}\ \Phi_{10}^{9}\ \Phi_{5}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
127512	1701	425	$\frac{12}{425}$	$\frac{59}{425}$	$\frac{101}{425}$	$\frac{122}{425}$	$\Phi_{425}^{4}\ \Phi_{85}^{4}\ \Phi_{25}^{4}\ \Phi_{17}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{5}$
127513	1701	568	$\frac{15}{568}$	$\frac{79}{568}$	$\frac{1}{4}$	$\frac{163}{568}$	$\Phi_{568}^{3}\ \Phi_{284}^{3}\ \Phi_{142}^{3}\ \Phi_{71}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127514	1701	325	$\frac{2}{65}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{325}^{5}\ \Phi_{65}^{7}\ \Phi_{25}^{3}\ \Phi_{13}^{7}\ \Phi_{5}^{4}\ \Phi_{1}^{5}$
127515	1701	775	$\frac{4}{155}$	$\frac{151}{775}$	$\frac{1}{5}$	$\frac{208}{775}$	$\Phi_{775}^{2}\ \Phi_{155}^{3}\ \Phi_{31}^{3}\ \Phi_{25}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
127516	1701	250	$\frac{1}{50}$	$\frac{49}{250}$	$\frac{61}{250}$	$\frac{67}{250}$	$\Phi_{250}^{7}\ \Phi_{125}^{7}\ \Phi_{50}^{6}\ \Phi_{25}^{6}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
127517	1701	85	$\frac{4}{85}$	$\frac{9}{85}$	$\frac{19}{85}$	$\frac{22}{85}$	$\Phi_{85}^{20}\ \Phi_{17}^{20}\ \Phi_{5}^{20}\ \Phi_{1}^{21}$
127518	1701	760	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{181}{760}$	$\frac{193}{760}$	$\Phi_{760}^{2}\ \Phi_{380}^{2}\ \Phi_{190}^{3}\ \Phi_{152}^{2}\ \Phi_{95}^{3}\ \Phi_{76}^{2}\ \Phi_{40}^{2}\ \Phi_{38}^{3}\ \Phi_{20}^{2}\ \Phi_{19}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127519	1701	64	$\frac{1}{64}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{64}^{27}\ \Phi_{32}^{27}\ \Phi_{16}^{27}\ \Phi_{8}^{27}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
127520	1701	752	$\frac{3}{188}$	$\frac{185}{752}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{752}^{3}\ \Phi_{376}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127521	1701	940	$\frac{1}{47}$	$\frac{46}{235}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{940}^{2}\ \Phi_{470}^{2}\ \Phi_{235}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127522	1701	188	$\frac{3}{94}$	$\frac{13}{94}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{188}^{8}\ \Phi_{94}^{10}\ \Phi_{47}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
127523	1701	56	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{56}^{36}\ \Phi_{28}^{27}\ \Phi_{14}^{27}\ \Phi_{8}^{27}\ \Phi_{7}^{27}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
127524	1701	188	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{188}^{8}\ \Phi_{94}^{8}\ \Phi_{47}^{12}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{15}$
127525	1701	220	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{220}^{8}\ \Phi_{110}^{10}\ \Phi_{55}^{10}\ \Phi_{44}^{4}\ \Phi_{22}^{5}\ \Phi_{20}^{4}\ \Phi_{11}^{5}\ \Phi_{10}^{5}\ \Phi_{5}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127526	1701	320	$\frac{3}{80}$	$\frac{1}{8}$	$\frac{77}{320}$	$\frac{1}{4}$	$\Phi_{320}^{7}\ \Phi_{160}^{7}\ \Phi_{64}^{7}\ \Phi_{32}^{7}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127527	1701	560	$\frac{1}{28}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{112}^{4}\ \Phi_{80}^{3}\ \Phi_{56}^{4}\ \Phi_{40}^{3}\ \Phi_{28}^{3}\ \Phi_{16}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127528	1701	700	$\frac{1}{28}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{700}^{3}\ \Phi_{350}^{3}\ \Phi_{175}^{3}\ \Phi_{100}^{2}\ \Phi_{50}^{2}\ \Phi_{28}^{3}\ \Phi_{25}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127529	1701	680	$\frac{4}{85}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{680}^{3}\ \Phi_{340}^{2}\ \Phi_{170}^{2}\ \Phi_{136}^{3}\ \Phi_{85}^{3}\ \Phi_{68}^{2}\ \Phi_{34}^{2}\ \Phi_{17}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127530	1701	200	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{19}{100}$	$\frac{1}{4}$	$\Phi_{200}^{12}\ \Phi_{100}^{9}\ \Phi_{50}^{9}\ \Phi_{25}^{9}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127531	1701	256	$\frac{13}{256}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{256}^{7}\ \Phi_{128}^{7}\ \Phi_{64}^{7}\ \Phi_{32}^{7}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127532	1701	200	$\frac{11}{200}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{200}^{9}\ \Phi_{100}^{9}\ \Phi_{50}^{9}\ \Phi_{40}^{6}\ \Phi_{25}^{9}\ \Phi_{20}^{6}\ \Phi_{10}^{6}\ \Phi_{8}^{9}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
127533	1701	32	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{1}{4}$	$\Phi_{32}^{63}\ \Phi_{16}^{42}\ \Phi_{8}^{45}\ \Phi_{4}^{44}\ \Phi_{2}^{44}\ \Phi_{1}^{45}$
127534	1701	520	$\frac{17}{260}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{520}^{4}\ \Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{104}^{4}\ \Phi_{65}^{3}\ \Phi_{52}^{3}\ \Phi_{26}^{3}\ \Phi_{13}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
127535	1701	280	$\frac{3}{40}$	$\frac{1}{8}$	$\frac{37}{280}$	$\frac{1}{4}$	$\Phi_{280}^{7}\ \Phi_{140}^{7}\ \Phi_{70}^{7}\ \Phi_{56}^{7}\ \Phi_{35}^{7}\ \Phi_{28}^{7}\ \Phi_{14}^{7}\ \Phi_{8}^{3}\ \Phi_{7}^{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127536	1701	620	$\frac{3}{31}$	$\frac{1}{10}$	$\frac{4}{31}$	$\frac{1}{4}$	$\Phi_{620}^{4}\ \Phi_{310}^{2}\ \Phi_{155}^{2}\ \Phi_{124}^{2}\ \Phi_{31}^{2}\ \Phi_{20}^{6}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
127537	1701	568	$\frac{55}{568}$	$\frac{57}{568}$	$\frac{73}{568}$	$\frac{1}{4}$	$\Phi_{568}^{3}\ \Phi_{284}^{3}\ \Phi_{142}^{3}\ \Phi_{71}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127538	1701	88	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{88}^{21}\ \Phi_{44}^{21}\ \Phi_{22}^{21}\ \Phi_{11}^{21}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127539	1701	640	$\frac{7}{80}$	$\frac{73}{640}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{128}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127540	1701	40	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{40}^{48}\ \Phi_{20}^{32}\ \Phi_{10}^{40}\ \Phi_{8}^{51}\ \Phi_{5}^{40}\ \Phi_{4}^{34}\ \Phi_{2}^{42}\ \Phi_{1}^{43}$
127541	1701	2200	$\frac{4}{55}$	$\frac{51}{550}$	$\frac{1}{5}$	$\frac{499}{2200}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{440}\ \Phi_{220}\ \Phi_{200}\ \Phi_{100}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{20}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
127542	1701	80	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{80}$	$\Phi_{80}^{27}\ \Phi_{40}^{27}\ \Phi_{16}^{27}\ \Phi_{10}^{8}\ \Phi_{8}^{27}\ \Phi_{5}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
127543	1701	68	$\frac{5}{68}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{34}$	$\Phi_{68}^{27}\ \Phi_{34}^{22}\ \Phi_{17}^{24}\ \Phi_{4}^{27}\ \Phi_{2}^{22}\ \Phi_{1}^{25}$
127544	1701	425	$\frac{4}{85}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{425}^{5}\ \Phi_{85}\ \Phi_{25}\ \Phi_{17}\ \Phi_{1}$
127545	1701	100	$\frac{1}{20}$	$\frac{4}{25}$	$\frac{19}{100}$	$\frac{1}{5}$	$\Phi_{100}^{16}\ \Phi_{50}^{16}\ \Phi_{25}^{17}\ \Phi_{20}^{20}\ \Phi_{10}^{20}\ \Phi_{5}^{20}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
127546	1701	275	$\frac{4}{55}$	$\frac{32}{275}$	$\frac{51}{275}$	$\frac{1}{5}$	$\Phi_{275}^{6}\ \Phi_{55}^{7}\ \Phi_{25}^{6}\ \Phi_{11}^{7}\ \Phi_{5}^{6}\ \Phi_{1}^{7}$
127547	1701	800	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{800}^{3}\ \Phi_{400}^{2}\ \Phi_{200}^{2}\ \Phi_{100}^{2}\ \Phi_{50}^{2}\ \Phi_{32}^{3}\ \Phi_{25}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127548	1701	2200	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{88}\ \Phi_{44}\ \Phi_{25}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
127549	1701	50	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{50}^{40}\ \Phi_{25}^{41}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
127550	1701	220	$\frac{4}{55}$	$\frac{31}{220}$	$\frac{17}{110}$	$\frac{1}{5}$	$\Phi_{220}^{9}\ \Phi_{110}^{6}\ \Phi_{55}^{7}\ \Phi_{44}^{9}\ \Phi_{22}^{6}\ \Phi_{20}^{9}\ \Phi_{11}^{7}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
127551	1701	272	$\frac{29}{272}$	$\frac{2}{17}$	$\frac{5}{34}$	$\frac{3}{17}$	$\Phi_{272}^{7}\ \Phi_{136}^{7}\ \Phi_{68}^{7}\ \Phi_{17}^{2}\ \Phi_{16}^{7}\ \Phi_{8}^{7}\ \Phi_{4}^{7}\ \Phi_{1}^{3}$
127552	1702	1698	$\frac{2}{849}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{847}{1698}$	$\Phi_{1698}^{2}\ \Phi_{566}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127553	1702	3408	$\frac{1}{284}$	$\frac{285}{1136}$	$\frac{1}{3}$	$\frac{283}{568}$	$\Phi_{3408}\ \Phi_{852}\ \Phi_{426}\ \Phi_{213}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
127554	1702	5088	$\frac{3}{848}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{845}{1696}$	$\Phi_{5088}\ \Phi_{96}\ \Phi_{12}\ \Phi_{6}$
127555	1702	1458	$\frac{1}{243}$	$\frac{122}{729}$	$\frac{607}{1458}$	$\frac{121}{243}$	$\Phi_{1458}^{2}\ \Phi_{486}^{2}\ \Phi_{243}\ \Phi_{162}^{2}\ \Phi_{81}\ \Phi_{54}^{2}\ \Phi_{27}\ \Phi_{18}^{2}\ \Phi_{9}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127556	1702	1694	$\frac{4}{847}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{843}{1694}$	$\Phi_{1694}^{2}\ \Phi_{242}^{2}\ \Phi_{154}^{2}\ \Phi_{22}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127557	1702	1512	$\frac{1}{189}$	$\frac{95}{756}$	$\frac{661}{1512}$	$\frac{94}{189}$	$\Phi_{1512}^{2}\ \Phi_{504}^{2}\ \Phi_{216}^{2}\ \Phi_{189}\ \Phi_{168}^{2}\ \Phi_{72}^{2}\ \Phi_{63}\ \Phi_{56}^{2}\ \Phi_{27}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
127558	1702	1134	$\frac{1}{189}$	$\frac{283}{1134}$	$\frac{95}{378}$	$\frac{94}{189}$	$\Phi_{1134}^{2}\ \Phi_{567}^{2}\ \Phi_{189}\ \Phi_{162}^{2}\ \Phi_{81}^{2}\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
127559	1702	1692	$\frac{5}{846}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{841}{1692}$	$\Phi_{1692}^{2}\ \Phi_{564}^{2}\ \Phi_{188}^{2}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
127560	1702	1692	$\frac{5}{846}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{841}{1692}$	$\Phi_{1692}^{2}\ \Phi_{564}^{2}\ \Phi_{188}^{2}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127561	1702	1620	$\frac{1}{81}$	$\frac{41}{810}$	$\frac{769}{1620}$	$\frac{40}{81}$	$\Phi_{1620}^{2}\ \Phi_{540}^{2}\ \Phi_{324}^{2}\ \Phi_{180}^{2}\ \Phi_{108}^{2}\ \Phi_{81}\ \Phi_{60}^{2}\ \Phi_{36}^{2}\ \Phi_{27}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
127562	1702	1215	$\frac{1}{81}$	$\frac{41}{405}$	$\frac{364}{1215}$	$\frac{40}{81}$	$\Phi_{1215}^{2}\ \Phi_{243}^{2}\ \Phi_{81}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
127563	1702	972	$\frac{1}{81}$	$\frac{121}{972}$	$\frac{41}{162}$	$\frac{40}{81}$	$\Phi_{972}^{2}\ \Phi_{486}^{2}\ \Phi_{324}^{2}\ \Phi_{243}^{2}\ \Phi_{108}^{2}\ \Phi_{81}\ \Phi_{36}^{2}\ \Phi_{27}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
127564	1702	1680	$\frac{11}{840}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{829}{1680}$	$\Phi_{1680}^{2}\ \Phi_{560}^{2}\ \Phi_{336}^{2}\ \Phi_{240}^{2}\ \Phi_{112}^{2}\ \Phi_{80}^{2}\ \Phi_{48}^{2}\ \Phi_{21}\ \Phi_{16}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
127565	1702	1680	$\frac{11}{840}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{829}{1680}$	$\Phi_{1680}^{2}\ \Phi_{560}^{2}\ \Phi_{336}^{2}\ \Phi_{240}^{2}\ \Phi_{112}^{2}\ \Phi_{80}^{2}\ \Phi_{48}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127566	1702	1680	$\frac{11}{840}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{829}{1680}$	$\Phi_{1680}^{2}\ \Phi_{560}^{2}\ \Phi_{336}^{2}\ \Phi_{240}^{2}\ \Phi_{112}^{2}\ \Phi_{80}^{2}\ \Phi_{48}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127567	1702	3212	$\frac{1}{73}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{36}{73}$	$\Phi_{3212}\ \Phi_{292}\ \Phi_{73}\ \Phi_{44}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
127568	1702	2409	$\frac{1}{73}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{36}{73}$	$\Phi_{2409}\ \Phi_{219}\ \Phi_{73}\ \Phi_{33}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
127569	1702	1638	$\frac{1}{63}$	$\frac{32}{819}$	$\frac{787}{1638}$	$\frac{31}{63}$	$\Phi_{1638}^{2}\ \Phi_{546}^{2}\ \Phi_{234}^{2}\ \Phi_{182}^{2}\ \Phi_{126}^{2}\ \Phi_{78}^{2}\ \Phi_{63}\ \Phi_{42}^{2}\ \Phi_{26}^{2}\ \Phi_{21}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127570	1702	1674	$\frac{14}{837}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{823}{1674}$	$\Phi_{1674}^{2}\ \Phi_{558}^{2}\ \Phi_{186}^{2}\ \Phi_{62}^{2}\ \Phi_{54}^{2}\ \Phi_{27}\ \Phi_{18}^{2}\ \Phi_{9}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
127571	1702	360	$\frac{1}{45}$	$\frac{1}{36}$	$\frac{35}{72}$	$\frac{22}{45}$	$\Phi_{360}^{9}\ \Phi_{120}^{9}\ \Phi_{72}^{10}\ \Phi_{45}\ \Phi_{40}^{9}\ \Phi_{24}^{10}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}^{10}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
127572	1702	585	$\frac{1}{45}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{585}^{3}\ \Phi_{195}^{3}\ \Phi_{117}^{3}\ \Phi_{65}^{3}\ \Phi_{45}\ \Phi_{39}^{4}\ \Phi_{15}\ \Phi_{13}^{4}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
127573	1702	270	$\frac{1}{45}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{22}{45}$	$\Phi_{270}^{9}\ \Phi_{135}^{9}\ \Phi_{54}^{10}\ \Phi_{45}\ \Phi_{27}^{10}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
127574	1702	360	$\frac{1}{45}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{22}{45}$	$\Phi_{360}^{5}\ \Phi_{180}^{4}\ \Phi_{120}^{5}\ \Phi_{90}^{4}\ \Phi_{72}^{5}\ \Phi_{60}^{4}\ \Phi_{45}^{5}\ \Phi_{40}^{6}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{5}\ \Phi_{20}^{5}$ $\Phi_{18}^{4}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{10}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
127575	1702	720	$\frac{1}{45}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{22}{45}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{3}\ \Phi_{144}^{3}\ \Phi_{120}^{3}\ \Phi_{80}^{3}\ \Phi_{72}^{3}\ \Phi_{48}^{4}\ \Phi_{45}\ \Phi_{40}^{3}\ \Phi_{24}^{4}\ \Phi_{16}^{4}$ $\Phi_{15}\ \Phi_{9}\ \Phi_{8}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
127576	1702	45	$\frac{1}{45}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{22}{45}$	$\Phi_{45}^{38}\ \Phi_{15}^{38}\ \Phi_{9}^{37}\ \Phi_{5}^{38}\ \Phi_{3}^{37}\ \Phi_{1}^{38}$
127577	1702	630	$\frac{1}{45}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{22}{45}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}^{3}\ \Phi_{126}^{3}\ \Phi_{105}^{3}\ \Phi_{70}^{3}\ \Phi_{63}^{3}\ \Phi_{45}\ \Phi_{42}^{4}\ \Phi_{35}^{3}\ \Phi_{21}^{4}\ \Phi_{15}$ $\Phi_{14}^{4}\ \Phi_{9}\ \Phi_{7}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
127578	1702	1026	$\frac{4}{171}$	$\frac{1}{9}$	$\frac{175}{1026}$	$\frac{167}{342}$	$\Phi_{1026}^{2}\ \Phi_{513}^{2}\ \Phi_{171}^{2}\ \Phi_{57}^{2}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{19}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
127579	1702	72	$\frac{1}{36}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{72}^{22}\ \Phi_{36}^{24}\ \Phi_{24}^{24}\ \Phi_{18}^{24}\ \Phi_{12}^{26}\ \Phi_{9}^{24}\ \Phi_{8}^{24}\ \Phi_{6}^{26}\ \Phi_{4}^{26}\ \Phi_{3}^{25}\ \Phi_{2}^{26}\ \Phi_{1}^{26}$
127580	1702	360	$\frac{1}{36}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{35}{72}$	$\Phi_{360}^{9}\ \Phi_{120}^{9}\ \Phi_{72}^{10}\ \Phi_{40}^{9}\ \Phi_{30}^{2}\ \Phi_{24}^{10}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{8}^{10}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}$ Φ_{1}^{2}
127581	1702	1800	$\frac{1}{36}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{35}{72}$	$\Phi_{1800}^{2}\ \Phi_{600}^{2}\ \Phi_{360}\ \Phi_{200}^{2}\ \Phi_{120}\ \Phi_{72}^{2}\ \Phi_{40}\ \Phi_{25}^{2}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
127582	1702	216	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{35}{72}$	$\Phi_{216}^{18}\ \Phi_{72}^{10}\ \Phi_{27}^{2}\ \Phi_{24}^{10}\ \Phi_{9}\ \Phi_{8}^{10}\ \Phi_{3}\ \Phi_{1}^{2}$
127583	1702	600	$\frac{1}{25}$	$\frac{1}{24}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{600}^{3}\ \Phi_{300}^{3}\ \Phi_{200}^{3}\ \Phi_{150}^{3}\ \Phi_{120}^{3}\ \Phi_{100}^{3}\ \Phi_{75}^{3}\ \Phi_{60}^{3}\ \Phi_{50}\ \Phi_{40}^{3}\ \Phi_{30}^{3}$ $\Phi_{25}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
127584	1702	2508	$\frac{1}{38}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{2508}^{2}\ \Phi_{228}^{2}\ \Phi_{132}\ \Phi_{114}\ \Phi_{57}\ \Phi_{12}\ \Phi_{6}$
127585	1702	1260	$\frac{11}{420}$	$\frac{1}{21}$	$\frac{409}{1260}$	$\frac{10}{21}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{252}^{2}\ \Phi_{180}^{2}\ \Phi_{126}^{2}\ \Phi_{90}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{21}$ $\Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
127586	1702	882	$\frac{31}{882}$	$\frac{1}{21}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{882}^{2}\ \Phi_{441}^{2}\ \Phi_{294}^{2}\ \Phi_{147}^{2}\ \Phi_{126}^{2}\ \Phi_{98}^{2}\ \Phi_{63}^{2}\ \Phi_{49}^{2}\ \Phi_{21}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{7}$ $\Phi_{3}\ \Phi_{1}^{2}$
127587	1702	1050	$\frac{1}{21}$	$\frac{11}{210}$	$\frac{199}{1050}$	$\frac{10}{21}$	$\Phi_{1050}^{2}\ \Phi_{525}^{2}\ \Phi_{350}^{2}\ \Phi_{175}^{2}\ \Phi_{150}^{2}\ \Phi_{75}^{2}\ \Phi_{50}^{2}\ \Phi_{25}^{2}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
127588	1702	1008	$\frac{1}{21}$	$\frac{11}{168}$	$\frac{157}{1008}$	$\frac{10}{21}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{252}^{2}\ \Phi_{144}^{2}\ \Phi_{126}^{2}\ \Phi_{112}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{2}$ $\Phi_{21}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
127589	1702	924	$\frac{1}{21}$	$\frac{73}{924}$	$\frac{11}{84}$	$\frac{10}{21}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{231}^{2}\ \Phi_{154}^{2}\ \Phi_{132}^{2}\ \Phi_{77}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{2}$ $\Phi_{21}\ \Phi_{11}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
127590	1702	945	$\frac{1}{21}$	$\frac{94}{945}$	$\frac{11}{105}$	$\frac{10}{21}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{135}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{27}^{2}\ \Phi_{21}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
127591	1702	1620	$\frac{1}{27}$	$\frac{41}{810}$	$\frac{13}{54}$	$\frac{769}{1620}$	$\Phi_{1620}^{2}\ \Phi_{540}^{2}\ \Phi_{324}^{2}\ \Phi_{180}^{2}\ \Phi_{108}^{2}\ \Phi_{60}^{2}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{27}\ \Phi_{20}^{2}\ \Phi_{18}^{2}$ $\Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127592	1702	1620	$\frac{41}{810}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{769}{1620}$	$\Phi_{1620}^{2}\ \Phi_{540}^{2}\ \Phi_{324}^{2}\ \Phi_{180}^{2}\ \Phi_{108}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}$ $\Phi_{9}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
127593	1702	840	$\frac{1}{24}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{140}^{2}\ \Phi_{120}^{3}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{60}^{3}\ \Phi_{56}^{2}$ $\Phi_{42}^{2}\ \Phi_{40}^{3}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{8}^{2}\ \Phi_{7}^{2}$ $\Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
127594	1702	490	$\frac{2}{35}$	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{33}{70}$	$\Phi_{490}^{7}\ \Phi_{98}^{7}\ \Phi_{70}^{4}\ \Phi_{49}^{2}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
127595	1702	360	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{3}\ \Phi_{90}^{6}\ \Phi_{72}^{6}\ \Phi_{60}^{3}\ \Phi_{45}^{4}\ \Phi_{40}^{3}\ \Phi_{36}^{6}\ \Phi_{30}^{3}\ \Phi_{24}^{2}\ \Phi_{20}^{3}$ $\Phi_{18}^{6}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127596	1702	864	$\frac{13}{864}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{864}^{2}\ \Phi_{432}^{2}\ \Phi_{288}^{2}\ \Phi_{216}^{2}\ \Phi_{144}^{2}\ \Phi_{108}^{2}\ \Phi_{96}^{2}\ \Phi_{72}^{2}\ \Phi_{54}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{2}$ $\Phi_{32}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127597	1702	900	$\frac{49}{900}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{90}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}^{2}\ \Phi_{225}^{2}\ \Phi_{180}^{2}\ \Phi_{150}^{2}\ \Phi_{100}^{2}\ \Phi_{75}^{2}\ \Phi_{60}^{2}\ \Phi_{50}^{2}\ \Phi_{45}^{2}$ $\Phi_{36}^{2}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
127598	1702	4686	$\frac{1}{71}$	$\frac{70}{781}$	$\frac{1}{3}$	$\frac{711}{1562}$	$\Phi_{4686}\ \Phi_{426}\ \Phi_{213}\ \Phi_{66}\ \Phi_{6}$
127599	1702	1050	$\frac{1}{75}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1050}^{3}\ \Phi_{350}^{3}\ \Phi_{210}^{3}\ \Phi_{150}^{3}\ \Phi_{75}^{2}\ \Phi_{70}^{3}\ \Phi_{50}^{3}\ \Phi_{42}^{2}\ \Phi_{30}^{3}\ \Phi_{25}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{2}$ $\Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127600	1702	462	$\frac{3}{77}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{462}^{7}\ \Phi_{154}^{7}\ \Phi_{77}^{2}\ \Phi_{66}^{7}\ \Phi_{42}^{4}\ \Phi_{22}^{7}\ \Phi_{14}^{4}\ \Phi_{11}^{2}\ \Phi_{7}\ \Phi_{6}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
127601	1702	42	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{5}{42}$	$\frac{19}{42}$	$\Phi_{42}^{36}\ \Phi_{21}^{45}\ \Phi_{14}^{36}\ \Phi_{7}^{45}\ \Phi_{6}^{36}\ \Phi_{3}^{45}\ \Phi_{2}^{36}\ \Phi_{1}^{46}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
127602	1702	1539	$\frac{8}{171}$	$\frac{163}{1539}$	$\frac{1}{9}$	$\frac{688}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}^2\ \Phi_{81}\ \Phi_{57}^2\ \Phi_{27}\ \Phi_{19}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
127603	1702	1269	$\frac{5}{423}$	$\frac{1}{9}$	$\frac{418}{1269}$	$\frac{4}{9}$	$\Phi_{1269}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
127604	1702	864	$\frac{13}{864}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{36}^2$ $\Phi_{32}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
127605	1702	2400	$\frac{1}{75}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{200}\ \Phi_{160}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}$ $\Phi_{96}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
127606	1702	1512	$\frac{1}{63}$	$\frac{95}{756}$	$\frac{31}{126}$	$\frac{661}{1512}$	$\Phi_{1512}^2\ \Phi_{504}^2\ \Phi_{216}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{24}^2\ \Phi_{21}$ $\Phi_{18}^2\ \Phi_{14}^2\ \Phi_9\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
127607	1702	1512	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{95}{756}$	$\frac{661}{1512}$	$\Phi_{1512}^2\ \Phi_{504}^2\ \Phi_{216}^2\ \Phi_{168}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{24}^2$ $\Phi_{18}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
127608	1702	1491	$\frac{2}{213}$	$\frac{211}{1491}$	$\frac{1}{3}$	$\frac{640}{1491}$	$\Phi_{1491}\ \Phi_{497}\ \Phi_{213}^2\ \Phi_{71}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
127609	1702	924	$\frac{4}{77}$	$\frac{73}{924}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{33}^2$ $\Phi_{28}^2\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
127610	1702	600	$\frac{1}{75}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{600}^5\ \Phi_{300}\ \Phi_{200}^5\ \Phi_{150}\ \Phi_{120}^5\ \Phi_{100}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}^4\ \Phi_{30}\ \Phi_{24}^5$ $\Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_8^4\ \Phi_6$
127611	1702	4260	$\frac{1}{142}$	$\frac{141}{710}$	$\frac{1}{3}$	$\frac{569}{1420}$	$\Phi_{4260}\ \Phi_{852}\ \Phi_{426}\ \Phi_{213}\ \Phi_{60}\ \Phi_{12}\ \Phi_6$
127612	1702	120	$\frac{1}{24}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{120}^{15}\ \Phi_{60}^{15}\ \Phi_{40}^{13}\ \Phi_{30}^{15}\ \Phi_{24}^{14}\ \Phi_{20}^{13}\ \Phi_{15}^{15}\ \Phi_{12}^{14}\ \Phi_{10}^{13}\ \Phi_8^{12}\ \Phi_6^{14}\ \Phi_5^{14}$ $\Phi_4^{12}\ \Phi_3^{14}\ \Phi_2^{12}\ \Phi_1^{14}$
127613	1702	868	$\frac{17}{868}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{868}^2\ \Phi_{434}^2\ \Phi_{217}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
127614	1702	120	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{120}^{15}\ \Phi_{60}^{13}\ \Phi_{40}^{15}\ \Phi_{30}^{15}\ \Phi_{24}^{14}\ \Phi_{20}^{13}\ \Phi_{15}^{14}\ \Phi_{12}^{12}\ \Phi_{10}^{15}\ \Phi_8^{14}\ \Phi_6^{14}\ \Phi_5^{14}$ $\Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
127615	1702	1368	$\frac{4}{171}$	$\frac{1}{9}$	$\frac{167}{684}$	$\frac{517}{1368}$	$\Phi_{1368}^2\ \Phi_{456}^2\ \Phi_{171}^2\ \Phi_{152}^2\ \Phi_{72}^2\ \Phi_{57}^2\ \Phi_{24}^2\ \Phi_{19}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
127616	1702	1008	$\frac{1}{63}$	$\frac{157}{1008}$	$\frac{31}{126}$	$\frac{95}{252}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{56}^2\ \Phi_{48}^2$ $\Phi_{42}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_9\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
127617	1702	2568	$\frac{5}{856}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2568}\ \Phi_{1284}\ \Phi_{642}\ \Phi_{321}\ \Phi_{12}\ \Phi_6$
127618	1702	900	$\frac{1}{75}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{900}^3\ \Phi_{300}^3\ \Phi_{180}^3\ \Phi_{150}^3\ \Phi_{100}^3\ \Phi_{75}^2\ \Phi_{60}^3\ \Phi_{50}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{20}^3$ $\Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
127619	1702	1323	$\frac{1}{63}$	$\frac{62}{441}$	$\frac{379}{1323}$	$\frac{472}{1323}$	$\Phi_{1323}\ \Phi_{441}^2\ \Phi_{189}\ \Phi_{147}^2\ \Phi_{63}\ \Phi_{49}^2\ \Phi_{27}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
127620	1702	1296	$\frac{1}{27}$	$\frac{13}{216}$	$\frac{203}{648}$	$\frac{445}{1296}$	$\Phi_{1296}^2\ \Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{24}^2$ $\Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
127621	1702	1281	$\frac{6}{427}$	$\frac{1}{7}$	$\frac{421}{1281}$	$\frac{430}{1281}$	$\Phi_{1281}\ \Phi_{427}^2\ \Phi_{183}\ \Phi_{61}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
127622	1702	1278	$\frac{1}{213}$	$\frac{212}{639}$	$\frac{1}{3}$	$\frac{427}{1278}$	$\Phi_{1278}^2\ \Phi_{426}^2\ \Phi_{213}^2\ \Phi_{142}^2\ \Phi_{71}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
127623	1702	312	$\frac{1}{24}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{312}^6\ \Phi_{156}^6\ \Phi_{104}^6\ \Phi_{78}^6\ \Phi_{52}^6\ \Phi_{39}^4\ \Phi_{26}^6\ \Phi_{24}^2\ \Phi_{13}^4\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2$ $\Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
127624	1702	1272	$\frac{3}{424}$	$\frac{1}{4}$	$\frac{421}{1272}$	$\frac{1}{3}$	$\Phi_{1272}\ \Phi_{636}\ \Phi_{424}^2\ \Phi_{318}\ \Phi_{212}^2\ \Phi_{159}\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{24}\ \Phi_{12}^2\ \Phi_8^2$ $\Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
127625	1702	1260	$\frac{11}{420}$	$\frac{1}{12}$	$\frac{409}{1260}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{18}^2$ $\Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
127626	1702	216	$\frac{1}{24}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{216}^{12}\ \Phi_{108}^{12}\ \Phi_{54}^{10}\ \Phi_{27}^{10}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
127627	1702	1254	$\frac{1}{38}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}^2\ \Phi_{209}^2\ \Phi_{114}^2\ \Phi_{66}\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{22}^2\ \Phi_{19}^2\ \Phi_6^2\ \Phi_2^2$
127628	1702	864	$\frac{13}{864}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{36}^2$ $\Phi_{32}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
127629	1702	3180	$\frac{3}{212}$	$\frac{209}{1060}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3180}\ \Phi_{1590}\ \Phi_{795}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
127630	1702	864	$\frac{13}{864}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}\ \Phi_{36}^2$ $\Phi_{32}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
127631	1702	120	$\frac{1}{24}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^{15}\ \Phi_{60}^{15}\ \Phi_{40}^{16}\ \Phi_{30}^{15}\ \Phi_{24}^9\ \Phi_{20}^{16}\ \Phi_{15}^{15}\ \Phi_{12}^{10}\ \Phi_{10}^{16}\ \Phi_8^{10}\ \Phi_6^{10}\ \Phi_5^{16}$ $\Phi_4^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
127632	1702	1128	$\frac{5}{282}$	$\frac{1}{6}$	$\frac{277}{1128}$	$\frac{1}{3}$	$\Phi_{1128}^2\ \Phi_{564}^2\ \Phi_{376}^2\ \Phi_{188}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
127633	1702	390	$\frac{2}{39}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{390}^{6}\ \Phi_{195}^{3}\ \Phi_{130}^{6}\ \Phi_{78}^{6}\ \Phi_{65}^{3}\ \Phi_{39}^{4}\ \Phi_{30}^{2}\ \Phi_{26}^{6}\ \Phi_{15}\ \Phi_{13}^{4}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127634	1702	48	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{48}^{46}\ \Phi_{24}^{24}\ \Phi_{16}^{46}\ \Phi_{12}^{26}\ \Phi_{8}^{24}\ \Phi_{6}^{26}\ \Phi_{4}^{26}\ \Phi_{3}^{25}\ \Phi_{2}^{26}\ \Phi_{1}^{26}$
127635	1702	648	$\frac{1}{24}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{648}^{3}\ \Phi_{324}^{3}\ \Phi_{216}^{3}\ \Phi_{162}^{3}\ \Phi_{108}^{3}\ \Phi_{81}^{2}\ \Phi_{54}^{3}\ \Phi_{27}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127636	1702	975	$\frac{2}{39}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{975}^{2}\ \Phi_{325}^{2}\ \Phi_{195}\ \Phi_{65}\ \Phi_{39}^{2}\ \Phi_{25}^{2}\ \Phi_{13}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
127637	1702	900	$\frac{49}{900}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}^{2}\ \Phi_{225}^{2}\ \Phi_{180}^{2}\ \Phi_{150}^{2}\ \Phi_{100}^{2}\ \Phi_{90}^{2}\ \Phi_{75}^{2}\ \Phi_{50}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{25}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127638	1702	360	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{6}\ \Phi_{90}^{6}\ \Phi_{60}^{6}\ \Phi_{45}^{4}\ \Phi_{40}^{6}\ \Phi_{30}^{6}\ \Phi_{24}^{2}\ \Phi_{20}^{6}\ \Phi_{15}^{4}\ \Phi_{12}^{2}\ \Phi_{10}^{6}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127639	1702	168	$\frac{1}{24}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{168}^{12}\ \Phi_{84}^{12}\ \Phi_{56}^{12}\ \Phi_{42}^{10}\ \Phi_{28}^{12}\ \Phi_{24}^{2}\ \Phi_{21}^{10}\ \Phi_{14}^{10}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{10}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127640	1702	1008	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{157}{1008}$	$\frac{1}{3}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{252}^{2}\ \Phi_{144}^{2}\ \Phi_{126}^{2}\ \Phi_{112}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127641	1702	351	$\frac{2}{39}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{351}^{6}\ \Phi_{117}^{3}\ \Phi_{39}^{4}\ \Phi_{27}^{2}\ \Phi_{13}^{4}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
127642	1702	924	$\frac{73}{924}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{3}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{231}^{2}\ \Phi_{154}^{2}\ \Phi_{132}^{2}\ \Phi_{77}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127643	1702	960	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{109}{960}$	$\frac{1}{3}$	$\Phi_{960}^{2}\ \Phi_{480}^{2}\ \Phi_{320}^{2}\ \Phi_{240}^{2}\ \Phi_{192}^{2}\ \Phi_{160}^{2}\ \Phi_{96}^{2}\ \Phi_{80}^{2}\ \Phi_{64}^{2}\ \Phi_{48}^{2}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127644	1702	1260	$\frac{11}{420}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{409}{1260}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{252}^{2}\ \Phi_{180}^{2}\ \Phi_{126}^{2}\ \Phi_{90}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127645	1702	1026	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{175}{1026}$	$\frac{163}{513}$	$\Phi_{1026}^{2}\ \Phi_{513}\ \Phi_{342}^{2}\ \Phi_{171}^{2}\ \Phi_{114}^{2}\ \Phi_{57}^{2}\ \Phi_{54}^{2}\ \Phi_{38}^{2}\ \Phi_{27}\ \Phi_{19}^{2}\ \Phi_{18}^{2}\ \Phi_{9}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127646	1702	270	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{17}{54}$	$\Phi_{270}^{9}\ \Phi_{135}^{9}\ \Phi_{54}^{10}\ \Phi_{30}^{2}\ \Phi_{27}^{10}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127647	1702	1350	$\frac{1}{18}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{17}{54}$	$\Phi_{1350}^{2}\ \Phi_{675}^{2}\ \Phi_{270}\ \Phi_{135}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{25}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
127648	1702	54	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{17}{54}$	$\Phi_{54}^{28}\ \Phi_{27}^{30}\ \Phi_{18}^{36}\ \Phi_{9}^{37}\ \Phi_{6}^{36}\ \Phi_{3}^{37}\ \Phi_{2}^{36}\ \Phi_{1}^{38}$
127649	1702	945	$\frac{4}{45}$	$\frac{94}{945}$	$\frac{1}{9}$	$\frac{41}{135}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{105}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{35}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
127650	1702	1215	$\frac{4}{45}$	$\frac{41}{405}$	$\frac{1}{9}$	$\frac{364}{1215}$	$\Phi_{1215}^{2}\ \Phi_{243}^{2}\ \Phi_{45}^{2}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
127651	1702	840	$\frac{1}{24}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{140}^{2}\ \Phi_{120}^{3}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{3}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{40}^{3}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127652	1702	308	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{308}^{7}\ \Phi_{154}^{7}\ \Phi_{77}^{2}\ \Phi_{44}^{7}\ \Phi_{28}^{4}\ \Phi_{22}^{7}\ \Phi_{14}^{4}\ \Phi_{11}^{2}\ \Phi_{7}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
127653	1702	294	$\frac{3}{49}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{294}^{7}\ \Phi_{147}^{7}\ \Phi_{98}^{7}\ \Phi_{49}^{2}\ \Phi_{42}^{4}\ \Phi_{21}^{4}\ \Phi_{14}^{4}\ \Phi_{7}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
127654	1702	126	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{4}{21}$	$\frac{17}{63}$	$\Phi_{126}^{21}\ \Phi_{63}^{16}\ \Phi_{42}^{4}\ \Phi_{21}^{3}\ \Phi_{18}^{21}\ \Phi_{14}^{4}\ \Phi_{9}^{16}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
127655	1702	882	$\frac{31}{882}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{882}^{2}\ \Phi_{441}^{2}\ \Phi_{294}^{2}\ \Phi_{147}^{2}\ \Phi_{126}^{2}\ \Phi_{98}^{2}\ \Phi_{63}^{2}\ \Phi_{49}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127656	1702	972	$\frac{1}{27}$	$\frac{121}{972}$	$\frac{13}{54}$	$\frac{41}{162}$	$\Phi_{972}^{2}\ \Phi_{486}^{2}\ \Phi_{324}^{2}\ \Phi_{243}^{2}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{27}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127657	1702	1134	$\frac{1}{63}$	$\frac{31}{126}$	$\frac{283}{1134}$	$\frac{95}{378}$	$\Phi_{1134}^{2}\ \Phi_{567}^{2}\ \Phi_{162}^{2}\ \Phi_{126}^{2}\ \Phi_{81}^{2}\ \Phi_{63}\ \Phi_{42}^{2}\ \Phi_{21}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127658	1702	120	$\frac{1}{15}$	$\frac{3}{40}$	$\frac{7}{30}$	$\frac{1}{4}$	$\Phi_{120}^{15}\ \Phi_{60}^{12}\ \Phi_{40}^{16}\ \Phi_{30}^{14}\ \Phi_{24}^{15}\ \Phi_{20}^{13}\ \Phi_{15}^{13}\ \Phi_{12}^{12}\ \Phi_{10}^{15}\ \Phi_{8}^{16}\ \Phi_{6}^{14}\ \Phi_{5}^{14}\ \Phi_{4}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
127659	1702	200	$\frac{3}{40}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{200}^{10}\ \Phi_{100}^{8}\ \Phi_{50}^{8}\ \Phi_{40}^{6}\ \Phi_{25}^{10}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{8}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
127660	1702	1080	$\frac{3}{40}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{4}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}\ \Phi_{270}^{2}\ \Phi_{216}^{2}\ \Phi_{180}\ \Phi_{135}^{2}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{27}^{2}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
127661	1702	1080	$\frac{1}{27}$	$\frac{41}{270}$	$\frac{229}{1080}$	$\frac{13}{54}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{216}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{108}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{54}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{27}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127662	1702	1120	$\frac{11}{280}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{269}{1120}$	$\Phi_{1120}^{2}\ \Phi_{560}^{2}\ \Phi_{224}^{2}\ \Phi_{160}^{2}\ \Phi_{112}^{2}\ \Phi_{80}^{2}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
127663	1702	240	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{7}{30}$	$\Phi_{240}^{9}\ \Phi_{120}^{9}\ \Phi_{80}^{9}\ \Phi_{48}^{10}\ \Phi_{40}^{9}\ \Phi_{30}^{2}\ \Phi_{24}^{10}\ \Phi_{16}^{10}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{8}^{10}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127664	1702	90	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{7}{30}$	$\Phi_{90}^{24}\ \Phi_{45}^{13}\ \Phi_{30}^{26}\ \Phi_{18}^{24}\ \Phi_{15}^{14}\ \Phi_{10}^{26}\ \Phi_{9}^{12}\ \Phi_{6}^{26}\ \Phi_{5}^{14}\ \Phi_{3}^{13}\ \Phi_{2}^{26}\ \Phi_{1}^{14}$
127665	1702	210	$\frac{1}{15}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{7}{30}$	$\Phi_{210}^{9}\ \Phi_{105}^{9}\ \Phi_{70}^{9}\ \Phi_{42}^{10}\ \Phi_{35}^{9}\ \Phi_{30}^{2}\ \Phi_{21}^{10}\ \Phi_{15}\ \Phi_{14}^{10}\ \Phi_{10}^{2}\ \Phi_{7}^{10}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127666	1702	1200	$\frac{2}{25}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{48}$	$\Phi_{1200}^{2}\ \Phi_{600}^{2}\ \Phi_{400}^{2}\ \Phi_{240}\ \Phi_{200}^{2}\ \Phi_{120}\ \Phi_{80}\ \Phi_{48}^{2}\ \Phi_{40}\ \Phi_{25}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
127667	1702	432	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{11}{48}$	$\Phi_{432}^{6}\ \Phi_{216}^{6}\ \Phi_{144}^{3}\ \Phi_{72}^{3}\ \Phi_{48}^{4}\ \Phi_{27}^{2}\ \Phi_{24}^{4}\ \Phi_{16}^{4}\ \Phi_{9}\ \Phi_{8}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
127668	1702	896	$\frac{45}{896}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{896}^{2}\ \Phi_{448}^{2}\ \Phi_{224}^{2}\ \Phi_{128}^{2}\ \Phi_{112}^{2}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127669	1702	1050	$\frac{11}{210}$	$\frac{1}{7}$	$\frac{199}{1050}$	$\frac{3}{14}$	$\Phi_{1050}^{2}\ \Phi_{525}^{2}\ \Phi_{350}^{2}\ \Phi_{175}^{2}\ \Phi_{150}^{2}\ \Phi_{75}^{2}\ \Phi_{50}^{2}\ \Phi_{25}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127670	1702	910	$\frac{59}{910}$	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{3}{14}$	$\Phi_{910}^{2}\ \Phi_{455}^{2}\ \Phi_{182}^{2}\ \Phi_{130}^{2}\ \Phi_{91}^{2}\ \Phi_{65}^{2}\ \Phi_{26}^{2}\ \Phi_{14}^{2}\ \Phi_{13}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127671	1702	1008	$\frac{11}{168}$	$\frac{1}{7}$	$\frac{157}{1008}$	$\frac{3}{14}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{252}^{2}\ \Phi_{144}^{2}\ \Phi_{126}^{2}\ \Phi_{112}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127672	1702	980	$\frac{11}{140}$	$\frac{129}{980}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{980}^{2}\ \Phi_{490}^{2}\ \Phi_{245}^{2}\ \Phi_{196}^{2}\ \Phi_{98}^{2}\ \Phi_{49}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127673	1702	924	$\frac{73}{924}$	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{231}^{2}\ \Phi_{154}^{2}\ \Phi_{132}^{2}\ \Phi_{77}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{14}^{2}\ \Phi_{11}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
127674	1702	1080	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{270}$	$\frac{229}{1080}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{216}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{108}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
127675	1702	225	$\frac{2}{25}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{5}$	$\Phi_{225}^{8}\ \Phi_{75}^{8}\ \Phi_{45}^{5}\ \Phi_{25}^{10}\ \Phi_{15}^{5}\ \Phi_{9}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
127676	1702	1050	$\frac{2}{25}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1050}^{2}\ \Phi_{525}^{2}\ \Phi_{350}^{2}\ \Phi_{210}\ \Phi_{175}^{2}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{25}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
127677	1702	135	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{8}{45}$	$\Phi_{135}^{18}\ \Phi_{45}^{10}\ \Phi_{27}^{2}\ \Phi_{15}^{10}\ \Phi_{9}\ \Phi_{5}^{10}\ \Phi_{3}\ \Phi_{1}^{2}$
127678	1702	378	$\frac{1}{9}$	$\frac{5}{42}$	$\frac{4}{27}$	$\frac{1}{6}$	$\Phi_{378}^{6}\ \Phi_{189}^{6}\ \Phi_{126}^{3}\ \Phi_{63}^{3}\ \Phi_{42}^{4}\ \Phi_{27}^{2}\ \Phi_{21}^{4}\ \Phi_{14}^{4}\ \Phi_{9}\ \Phi_{7}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
127679	1703	1560	$\frac{1}{130}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{129}{260}$	$\Phi_{1560}^{2}\ \Phi_{520}^{2}\ \Phi_{312}^{2}\ \Phi_{260}\ \Phi_{120}^{2}\ \Phi_{104}^{2}\ \Phi_{52}\ \Phi_{40}^{2}\ \Phi_{24}^{3}\ \Phi_{20}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
127680	1703	780	$\frac{1}{130}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{129}{260}$	$\Phi_{780}^{4}\ \Phi_{260}^{5}\ \Phi_{156}^{4}\ \Phi_{60}^{4}\ \Phi_{52}^{5}\ \Phi_{20}^{5}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{5}\ \Phi_{4}^{5}\ \Phi_{1}$
127681	1703	2340	$\frac{1}{130}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{129}{260}$	$\Phi_{2340}^{2}\ \Phi_{468}^{2}\ \Phi_{260}\ \Phi_{180}^{2}\ \Phi_{52}\ \Phi_{36}^{2}\ \Phi_{20}\ \Phi_{18}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
127682	1703	1040	$\frac{1}{130}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{129}{260}$	$\Phi_{1040}^{2}\ \Phi_{520}^{2}\ \Phi_{260}\ \Phi_{208}^{2}\ \Phi_{104}^{2}\ \Phi_{80}^{2}\ \Phi_{52}\ \Phi_{40}^{2}\ \Phi_{20}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
127683	1703	3256	$\frac{1}{74}$	$\frac{75}{1628}$	$\frac{1553}{3256}$	$\frac{73}{148}$	$\Phi_{3256}\ \Phi_{296}\ \Phi_{148}\ \Phi_{88}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
127684	1703	1806	$\frac{2}{129}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{127}{258}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{602}\ \Phi_{301}\ \Phi_{129}\ \Phi_{43}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
127685	1703	3312	$\frac{1}{46}$	$\frac{47}{1656}$	$\frac{1609}{3312}$	$\frac{45}{92}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{144}\ \Phi_{92}\ \Phi_{48}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
127686	1703	2484	$\frac{1}{46}$	$\frac{47}{828}$	$\frac{781}{2484}$	$\frac{45}{92}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{621}\ \Phi_{108}\ \Phi_{92}\ \Phi_{54}\ \Phi_{27}\ \Phi_{4}\ \Phi_{1}$
127687	1703	1840	$\frac{1}{46}$	$\frac{137}{1840}$	$\frac{47}{184}$	$\frac{45}{92}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{368}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
127688	1703	2208	$\frac{1}{46}$	$\frac{47}{552}$	$\frac{505}{2208}$	$\frac{45}{92}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{368}\ \Phi_{96}\ \Phi_{92}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
127689	1703	1932	$\frac{1}{46}$	$\frac{229}{1932}$	$\frac{47}{276}$	$\frac{45}{92}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{161}\ \Phi_{92}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
127690	1703	1232	$\frac{1}{44}$	$\frac{1}{14}$	$\frac{45}{176}$	$\frac{43}{88}$	$\Phi_{1232}^{2}\ \Phi_{308}^{2}\ \Phi_{176}\ \Phi_{154}^{2}\ \Phi_{112}^{2}\ \Phi_{77}^{2}\ \Phi_{44}\ \Phi_{28}^{2}\ \Phi_{22}\ \Phi_{16}\ \Phi_{14}\ \Phi_{11}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
127691	1703	1792	$\frac{3}{128}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{125}{256}$	$\Phi_{1792}^{2}\ \Phi_{256}\ \Phi_{28}^{2}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
127692	1703	3312	$\frac{47}{1656}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{1609}{3312}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{144}\ \Phi_{69}\ \Phi_{48}\ \Phi_{16}\ \Phi_{3}\ \Phi_{1}$
127693	1703	2300	$\frac{22}{575}$	$\frac{1}{23}$	$\frac{597}{2300}$	$\frac{553}{1150}$	$\Phi_{2300}\ \Phi_{575}\ \Phi_{460}\ \Phi_{115}\ \Phi_{100}\ \Phi_{92}\ \Phi_{25}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
127694	1703	252	$\frac{5}{126}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{121}{252}$	$\Phi_{252}^{13}\ \Phi_{84}^{13}\ \Phi_{42}^{2}\ \Phi_{36}^{13}\ \Phi_{28}^{13}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{12}^{13}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}^{13}\ \Phi_{3}\ \Phi_{1}$
127695	1703	3220	$\frac{1}{23}$	$\frac{93}{1610}$	$\frac{22}{115}$	$\frac{1517}{3220}$	$\Phi_{3220}\ \Phi_{644}\ \Phi_{460}\ \Phi_{140}\ \Phi_{115}\ \Phi_{92}\ \Phi_{28}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
127696	1703	2070	$\frac{1}{23}$	$\frac{22}{345}$	$\frac{367}{2070}$	$\frac{323}{690}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{414}\ \Phi_{345}\ \Phi_{207}\ \Phi_{115}\ \Phi_{90}\ \Phi_{69}\ \Phi_{45}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1$
127697	1703	1694	$\frac{1}{14}$	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{111}{242}$	$\Phi_{1694}\ \Phi_{847}\ \Phi_{154}^2\ \Phi_{121}\ \Phi_{77}^2\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_1$
127698	1703	1560	$\frac{1}{65}$	$\frac{1}{12}$	$\frac{64}{195}$	$\frac{11}{24}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}^2\ \Phi_{195}\ \Phi_{120}^2\ \Phi_{104}^2\ \Phi_{40}^2\ \Phi_{39}\ \Phi_{24}^3\ \Phi_{15}\ \Phi_8^3\ \Phi_3\ \Phi_1$
127699	1703	1080	$\frac{4}{135}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{1080}^3\ \Phi_{360}^3\ \Phi_{216}^3\ \Phi_{135}\ \Phi_{120}^2\ \Phi_{72}^3\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{27}\ \Phi_{24}^3\ \Phi_{15}\ \Phi_9\ \Phi_8^3\ \Phi_3\ \Phi_1$
127700	1703	312	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{25}{156}$	$\frac{11}{24}$	$\Phi_{312}^{10}\ \Phi_{156}\ \Phi_{104}^{10}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{24}^{11}\ \Phi_{12}\ \Phi_8^{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
127701	1703	840	$\frac{9}{140}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{24}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{168}^4\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{70}\ \Phi_{56}^4\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{14}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
127702	1703	1008	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{144}$	$\frac{11}{24}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{144}\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}\ \Phi_{63}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
127703	1703	3432	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{12}{143}$	$\frac{11}{24}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{264}\ \Phi_{143}\ \Phi_{88}\ \Phi_{24}\ \Phi_{11}\ \Phi_8\ \Phi_1$
127704	1703	1680	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{109}{240}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{80}\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
127705	1703	3108	$\frac{1}{74}$	$\frac{149}{1554}$	$\frac{73}{222}$	$\frac{1405}{3108}$	$\Phi_{3108}\ \Phi_{1036}\ \Phi_{444}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{84}\ \Phi_{28}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
127706	1703	2368	$\frac{1}{74}$	$\frac{73}{592}$	$\frac{665}{2368}$	$\frac{519}{1184}$	$\Phi_{2368}\ \Phi_{592}\ \Phi_{296}\ \Phi_{148}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
127707	1703	2960	$\frac{1}{74}$	$\frac{223}{1480}$	$\frac{73}{296}$	$\frac{1257}{2960}$	$\Phi_{2960}\ \Phi_{592}\ \Phi_{296}\ \Phi_{148}\ \Phi_{80}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
127708	1703	1540	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{21}{110}$	$\frac{89}{220}$	$\Phi_{1540}^2\ \Phi_{308}^2\ \Phi_{220}\ \Phi_{154}^2\ \Phi_{140}^2\ \Phi_{77}^2\ \Phi_{44}\ \Phi_{28}^2\ \Phi_{22}\ \Phi_{20}\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_4\ \Phi_1$
127709	1703	1840	$\frac{1}{23}$	$\frac{137}{1840}$	$\frac{22}{115}$	$\frac{93}{230}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{368}\ \Phi_{184}\ \Phi_{115}\ \Phi_{92}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
127710	1703	2760	$\frac{1}{23}$	$\frac{22}{345}$	$\frac{323}{1380}$	$\frac{1057}{2760}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{345}\ \Phi_{184}\ \Phi_{120}\ \Phi_{115}\ \Phi_{69}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_3\ \Phi_1$
127711	1703	952	$\frac{5}{136}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{952}^2\ \Phi_{476}^2\ \Phi_{238}^2\ \Phi_{136}\ \Phi_{119}^2\ \Phi_{68}\ \Phi_{34}\ \Phi_{28}^2\ \Phi_{17}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
127712	1703	2664	$\frac{1}{74}$	$\frac{73}{444}$	$\frac{371}{1332}$	$\frac{961}{2664}$	$\Phi_{2664}\ \Phi_{888}\ \Phi_{444}\ \Phi_{296}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
127713	1703	138	$\frac{1}{23}$	$\frac{7}{138}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{138}^{12}\ \Phi_{69}^{13}\ \Phi_{46}^{12}\ \Phi_{23}^{12}\ \Phi_6^{12}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
127714	1703	1386	$\frac{1}{33}$	$\frac{1}{14}$	$\frac{32}{99}$	$\frac{67}{198}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{126}\ \Phi_{99}\ \Phi_{77}^2\ \Phi_{66}\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{22}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{11}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
127715	1703	195	$\frac{1}{65}$	$\frac{2}{15}$	$\frac{64}{195}$	$\frac{1}{3}$	$\Phi_{195}^9\ \Phi_{65}^8\ \Phi_{39}^9\ \Phi_{15}^{10}\ \Phi_{13}^8\ \Phi_5^9\ \Phi_3^9\ \Phi_1^9$
127716	1703	135	$\frac{4}{135}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{135}^{13}\ \Phi_{45}^{13}\ \Phi_{27}^{13}\ \Phi_{15}^{10}\ \Phi_9^{13}\ \Phi_5^9\ \Phi_3^9\ \Phi_1^9$
127717	1703	780	$\frac{1}{26}$	$\frac{2}{15}$	$\frac{25}{156}$	$\frac{1}{3}$	$\Phi_{780}^3\ \Phi_{390}^2\ \Phi_{260}^3\ \Phi_{195}^2\ \Phi_{156}\ \Phi_{130}^2\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{60}^3\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
127718	1703	420	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^5\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^5\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^5\ \Phi_{28}^5\ \Phi_{21}^4\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{14}^5\ \Phi_{12}^4\ \Phi_7^5\ \Phi_5\ \Phi_4^5\ \Phi_1$
127719	1703	2145	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{165}\ \Phi_{143}\ \Phi_{55}\ \Phi_{15}\ \Phi_{11}\ \Phi_5\ \Phi_1$
127720	1703	1170	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{64}{195}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{234}^2\ \Phi_{195}\ \Phi_{117}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{18}^3\ \Phi_{15}\ \Phi_9^3\ \Phi_3\ \Phi_1$
127721	1703	3120	$\frac{1}{65}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{64}{195}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{624}\ \Phi_{312}\ \Phi_{240}\ \Phi_{195}\ \Phi_{120}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
127722	1703	2484	$\frac{1}{23}$	$\frac{47}{828}$	$\frac{781}{2484}$	$\frac{22}{69}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{621}\ \Phi_{108}\ \Phi_{69}\ \Phi_{54}\ \Phi_{27}\ \Phi_3\ \Phi_1$
127723	1703	2208	$\frac{1}{23}$	$\frac{47}{552}$	$\frac{505}{2208}$	$\frac{22}{69}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{368}\ \Phi_{96}\ \Phi_{69}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_3\ \Phi_1$
127724	1703	1863	$\frac{1}{23}$	$\frac{160}{1863}$	$\frac{47}{207}$	$\frac{22}{69}$	$\Phi_{1863}\ \Phi_{621}\ \Phi_{81}\ \Phi_{69}\ \Phi_{27}\ \Phi_3\ \Phi_1$
127725	1703	2070	$\frac{1}{23}$	$\frac{47}{414}$	$\frac{367}{2070}$	$\frac{22}{69}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{115}\ \Phi_{90}\ \Phi_{69}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$
127726	1703	1932	$\frac{1}{23}$	$\frac{229}{1932}$	$\frac{47}{276}$	$\frac{22}{69}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{161}\ \Phi_{84}\ \Phi_{69}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
127727	1703	1344	$\frac{3}{64}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{61}{192}$	$\Phi_{1344}^2\ \Phi_{672}^2\ \Phi_{336}^2\ \Phi_{192}\ \Phi_{168}^2\ \Phi_{96}\ \Phi_{84}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
127728	1703	2415	$\frac{1}{23}$	$\frac{93}{805}$	$\frac{22}{115}$	$\frac{712}{2415}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{345}\ \Phi_{115}\ \Phi_{105}\ \Phi_{69}\ \Phi_{21}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1$
127729	1703	270	$\frac{4}{135}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{270}^6\ \Phi_{135}^7\ \Phi_{90}^5\ \Phi_{54}^6\ \Phi_{45}^6\ \Phi_{30}^6\ \Phi_{27}^7\ \Phi_{18}^6\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_9^7\ \Phi_6^6\ \Phi_5^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
127730	1703	468	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{468}^6\ \Phi_{234}^4\ \Phi_{156}\ \Phi_{117}^4\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}^6\ \Phi_{18}^5\ \Phi_{12}\ \Phi_9^5\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
127731	1703	1260	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{126}^2\ \Phi_{70}\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
127732	1703	1008	$\frac{1}{14}$	$\frac{13}{144}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
127733	1703	2574	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{198}\ \Phi_{143}\ \Phi_{99}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
127734	1703	1260	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{180}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{180}\ \Phi_{126}^2\ \Phi_{90}\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
127735	1703	2160	$\frac{4}{135}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
127736	1703	624	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{624}^4\ \Phi_{312}^4\ \Phi_{208}^2\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}^4\ \Phi_{39}\ \Phi_{24}^4\ \Phi_{16}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
127737	1703	560	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{560}^4\ \Phi_{280}^4\ \Phi_{140}\ \Phi_{112}^4\ \Phi_{80}^2\ \Phi_{70}\ \Phi_{56}^4\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{14}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
127738	1703	1008	$\frac{1}{14}$	$\frac{13}{144}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}\ \Phi_{63}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
127739	1703	2288	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2288}\ \Phi_{1144}\ \Phi_{176}\ \Phi_{143}\ \Phi_{88}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
127740	1703	1120	$\frac{1}{14}$	$\frac{3}{32}$	$\frac{29}{160}$	$\frac{1}{4}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{280}^2\ \Phi_{160}\ \Phi_{140}^2\ \Phi_{80}\ \Phi_{70}^2\ \Phi_{40}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
127741	1703	168	$\frac{1}{14}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{168}$	$\Phi_{168}^{13}\ \Phi_{84}^{13}\ \Phi_{56}^{13}\ \Phi_{42}^2\ \Phi_{28}^{13}\ \Phi_{24}^{13}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^{13}\ \Phi_8^{13}\ \Phi_7\ \Phi_6\ \Phi_4^{13}\ \Phi_3\ \Phi_1$
127742	1704	1275	$\frac{1}{425}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{212}{425}$	$\Phi_{1275}\ \Phi_{425}^2\ \Phi_{255}\ \Phi_{85}^2\ \Phi_{75}\ \Phi_{51}\ \Phi_{25}^2\ \Phi_{17}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
127743	1704	1703	$\frac{5}{1703}$	$\frac{427}{1703}$	$\frac{638}{1703}$	$\frac{849}{1703}$	$\Phi_{1703}\ \Phi_{131}\ \Phi_{13}\ \Phi_1^2$
127744	1704	2559	$\frac{3}{853}$	$\frac{214}{853}$	$\frac{1}{3}$	$\frac{425}{853}$	Φ_{2559}
127745	1704	1415	$\frac{1}{283}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{141}{283}$	$\Phi_{1415}\ \Phi_{283}^2\ \Phi_5^2\ \Phi_1^4$
127746	1704	3396	$\frac{1}{283}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{141}{283}$	$\Phi_{3396}\ \Phi_{1698}\ \Phi_{12}^2\ \Phi_6^2$
127747	1704	1703	$\frac{7}{1703}$	$\frac{285}{1703}$	$\frac{709}{1703}$	$\frac{848}{1703}$	$\Phi_{1703}\ \Phi_{131}\ \Phi_{13}\ \Phi_1^2$
127748	1704	2968	$\frac{1}{212}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{211}{424}$	$\Phi_{2968}\ \Phi_{424}^2\ \Phi_{56}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
127749	1704	6360	$\frac{1}{212}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{211}{424}$	$\Phi_{6360}\ \Phi_{120}\ \Phi_{15}$
127750	1704	2276	$\frac{3}{569}$	$\frac{1}{4}$	$\frac{143}{569}$	$\frac{283}{569}$	$\Phi_{2276}\ \Phi_{1138}$
127751	1704	1703	$\frac{9}{1703}$	$\frac{425}{1703}$	$\frac{428}{1703}$	$\frac{847}{1703}$	$\Phi_{1703}\ \Phi_{131}\ \Phi_{13}\ \Phi_1^2$
127752	1704	2559	$\frac{5}{853}$	$\frac{143}{853}$	$\frac{1}{3}$	$\frac{424}{853}$	Φ_{2559}
127753	1704	1551	$\frac{1}{141}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{70}{141}$	$\Phi_{1551}\ \Phi_{517}\ \Phi_{141}^2\ \Phi_{47}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
127754	1704	987	$\frac{1}{141}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{70}{141}$	$\Phi_{987}^2\ \Phi_{329}^2\ \Phi_{21}^3\ \Phi_7^2$
127755	1704	1551	$\frac{1}{141}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{70}{141}$	$\Phi_{1551}\ \Phi_{517}\ \Phi_{141}^2\ \Phi_{47}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
127756	1704	2820	$\frac{1}{141}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{70}{141}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{940}\ \Phi_{470}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
127757	1704	131	$\frac{1}{131}$	$\frac{11}{131}$	$\frac{60}{131}$	$\frac{65}{131}$	$\Phi_{131}^{13}\ \Phi_1^{14}$
127758	1704	393	$\frac{1}{131}$	$\frac{22}{131}$	$\frac{109}{393}$	$\frac{65}{131}$	$\Phi_{393}^6\ \Phi_{131}\ \Phi_3^6\ \Phi_1^2$
127759	1704	262	$\frac{1}{131}$	$\frac{49}{262}$	$\frac{33}{131}$	$\frac{65}{131}$	$\Phi_{262}^8\ \Phi_{131}^5\ \Phi_2^8\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
127760	1704	845	$\frac{7}{845}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{419}{845}$	$\Phi_{845}^{2}\ \Phi_{169}^{2}\ \Phi_{65}^{2}\ \Phi_{13}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
127761	1704	1703	$\frac{17}{1703}$	$\frac{215}{1703}$	$\frac{496}{1703}$	$\frac{843}{1703}$	$\Phi_{1703}\ \Phi_{131}\ \Phi_{13}\ \Phi_{1}^{2}$
127762	1704	665	$\frac{1}{95}$	$\frac{1}{7}$	$\frac{24}{95}$	$\frac{47}{95}$	$\Phi_{665}^{3}\ \Phi_{133}^{3}\ \Phi_{35}^{3}\ \Phi_{7}^{2}$
127763	1704	1703	$\frac{19}{1703}$	$\frac{287}{1703}$	$\frac{354}{1703}$	$\frac{842}{1703}$	$\Phi_{1703}\ \Phi_{131}\ \Phi_{13}\ \Phi_{1}^{2}$
127764	1704	2135	$\frac{5}{427}$	$\frac{72}{427}$	$\frac{1}{5}$	$\frac{211}{427}$	$\Phi_{2135}\ \Phi_{305}\ \Phi_{35}$
127765	1704	2276	$\frac{7}{569}$	$\frac{72}{569}$	$\frac{1}{4}$	$\frac{281}{569}$	$\Phi_{2276}\ \Phi_{1138}$
127766	1704	1703	$\frac{21}{1703}$	$\frac{212}{1703}$	$\frac{431}{1703}$	$\frac{841}{1703}$	$\Phi_{1703}\ \Phi_{131}\ \Phi_{13}\ \Phi_{1}^{2}$
127767	1704	2559	$\frac{11}{853}$	$\frac{72}{853}$	$\frac{1}{3}$	$\frac{421}{853}$	Φ_{2559}
127768	1704	3220	$\frac{1}{70}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{69}{140}$	$\Phi_{3220}\ \Phi_{644}\ \Phi_{460}\ \Phi_{140}^{2}\ \Phi_{92}\ \Phi_{28}^{2}\ \Phi_{23}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
127769	1704	5460	$\frac{1}{70}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{69}{140}$	$\Phi_{5460}\ \Phi_{1092}\ \Phi_{780}\ \Phi_{156}\ \Phi_{39}$
127770	1704	3220	$\frac{1}{70}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{69}{140}$	$\Phi_{3220}\ \Phi_{644}\ \Phi_{460}\ \Phi_{140}^{2}\ \Phi_{92}\ \Phi_{28}^{2}\ \Phi_{23}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
127771	1704	1260	$\frac{1}{70}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{69}{140}$	$\Phi_{1260}\ \Phi_{630}^{2}\ \Phi_{420}\ \Phi_{315}^{2}\ \Phi_{252}\ \Phi_{210}^{2}\ \Phi_{180}\ \Phi_{126}^{2}\ \Phi_{105}^{2}\ \Phi_{90}^{2}\ \Phi_{84}\ \Phi_{63}^{2}\ \Phi_{60}\ \Phi_{45}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
127772	1704	3220	$\frac{1}{70}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{69}{140}$	$\Phi_{3220}\ \Phi_{644}\ \Phi_{460}\ \Phi_{140}^{2}\ \Phi_{92}\ \Phi_{28}^{2}\ \Phi_{23}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
127773	1704	140	$\frac{1}{70}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{69}{140}$	$\Phi_{140}^{24}\ \Phi_{35}\ \Phi_{28}^{24}\ \Phi_{20}^{24}\ \Phi_{4}^{24}$
127774	1704	559	$\frac{9}{559}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{275}{559}$	$\Phi_{559}^{3}\ \Phi_{43}^{3}\ \Phi_{13}^{5}\ \Phi_{1}^{6}$
127775	1704	1220	$\frac{1}{61}$	$\frac{31}{244}$	$\frac{1}{5}$	$\frac{30}{61}$	$\Phi_{1220}^{2}\ \Phi_{610}^{2}\ \Phi_{305}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
127776	1704	1197	$\frac{1}{57}$	$\frac{1}{7}$	$\frac{29}{171}$	$\frac{28}{57}$	$\Phi_{1197}^{2}\ \Phi_{399}\ \Phi_{133}\ \Phi_{63}^{2}\ \Phi_{21}$
127777	1704	286	$\frac{3}{143}$	$\frac{1}{13}$	$\frac{73}{286}$	$\frac{70}{143}$	$\Phi_{286}^{8}\ \Phi_{143}^{4}\ \Phi_{26}^{8}\ \Phi_{22}^{8}\ \Phi_{13}^{3}\ \Phi_{11}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
127778	1704	416	$\frac{5}{208}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{203}{416}$	$\Phi_{416}^{8}\ \Phi_{32}^{8}\ \Phi_{13}^{3}\ \Phi_{1}^{4}$
127779	1704	3450	$\frac{2}{69}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{3450}\ \Phi_{1150}\ \Phi_{690}\ \Phi_{230}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
127780	1704	273	$\frac{11}{273}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{131}{273}$	$\Phi_{273}^{6}\ \Phi_{91}^{6}\ \Phi_{39}^{6}\ \Phi_{21}^{6}\ \Phi_{13}^{11}\ \Phi_{7}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
127781	1704	2400	$\frac{1}{25}$	$\frac{1}{24}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{200}\ \Phi_{160}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
127782	1704	2415	$\frac{1}{35}$	$\frac{1}{23}$	$\frac{34}{105}$	$\frac{11}{23}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{345}\ \Phi_{105}^{2}\ \Phi_{69}\ \Phi_{23}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
127783	1704	1725	$\frac{1}{23}$	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{345}\ \Phi_{75}^{2}\ \Phi_{69}\ \Phi_{25}^{2}\ \Phi_{23}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
127784	1704	1932	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{11}{23}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{84}^{2}\ \Phi_{69}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{23}\ \Phi_{21}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
127785	1704	1771	$\frac{1}{23}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{11}{23}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{77}^{2}\ \Phi_{23}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
127786	1704	1840	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{11}{23}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{23}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
127787	1704	3400	$\frac{1}{25}$	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{3400}\ \Phi_{680}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
127788	1704	945	$\frac{7}{135}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{64}{135}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{105}^{3}\ \Phi_{63}^{2}\ \Phi_{35}^{3}\ \Phi_{21}^{3}\ \Phi_{7}^{2}$
127789	1704	532	$\frac{1}{19}$	$\frac{5}{76}$	$\frac{1}{7}$	$\frac{9}{19}$	$\Phi_{532}^{4}\ \Phi_{266}^{4}\ \Phi_{133}^{3}\ \Phi_{28}^{4}\ \Phi_{14}^{4}\ \Phi_{7}^{2}$
127790	1704	525	$\frac{4}{75}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{525}^{4}\ \Phi_{175}^{4}\ \Phi_{105}^{3}\ \Phi_{35}^{3}\ \Phi_{21}^{3}\ \Phi_{7}^{2}$
127791	1704	133	$\frac{1}{19}$	$\frac{9}{133}$	$\frac{1}{7}$	$\frac{62}{133}$	$\Phi_{133}^{13}\ \Phi_{19}^{12}\ \Phi_{7}^{12}\ \Phi_{1}^{12}$
127792	1704	3300	$\frac{1}{25}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{300}\ \Phi_{220}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
127793	1704	1716	$\frac{5}{66}$	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{61}{132}$	$\Phi_{1716}^{2}\ \Phi_{572}^{2}\ \Phi_{156}^{2}\ \Phi_{143}\ \Phi_{52}^{2}$
127794	1704	169	$\frac{7}{169}$	$\frac{1}{13}$	$\frac{27}{169}$	$\frac{6}{13}$	$\Phi_{169}^{10}\ \Phi_{13}^{11}\ \Phi_{1}^{12}$
127795	1704	455	$\frac{29}{455}$	$\frac{1}{13}$	$\frac{7}{65}$	$\frac{6}{13}$	$\Phi_{455}^{4}\ \Phi_{91}^{4}\ \Phi_{65}^{2}\ \Phi_{35}^{4}\ \Phi_{13}^{3}\ \Phi_{7}^{4}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
127796	1704	78	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{7}{78}$	$\frac{6}{13}$	$\Phi_{78}^{24}\ \Phi_{39}^{24}\ \Phi_{26}^{24}\ \Phi_{13}^{11}\ \Phi_{6}^{24}\ \Phi_{3}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
127797	1704	1573	$\frac{1}{13}$	$\frac{131}{1573}$	$\frac{12}{143}$	$\frac{721}{1573}$	$\Phi_{1573}\ \Phi_{143}^2\ \Phi_{121}\ \Phi_{13}\ \Phi_{11}^2\ \Phi_1^2$
127798	1704	131	$\frac{2}{131}$	$\frac{11}{131}$	$\frac{43}{131}$	$\frac{60}{131}$	$\Phi_{131}^{13}\ \Phi_1^{14}$
127799	1704	131	$\frac{3}{131}$	$\frac{11}{131}$	$\frac{32}{131}$	$\frac{60}{131}$	$\Phi_{131}^{13}\ \Phi_1^{14}$
127800	1704	131	$\frac{5}{131}$	$\frac{11}{131}$	$\frac{21}{131}$	$\frac{60}{131}$	$\Phi_{131}^{13}\ \Phi_1^{14}$
127801	1704	792	$\frac{1}{72}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}^4\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^4\ \Phi_{33}$ $\Phi_{24}^4\ \Phi_{22}^2\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
127802	1704	1034	$\frac{1}{47}$	$\frac{1}{11}$	$\frac{23}{94}$	$\frac{5}{11}$	$\Phi_{1034}^2\ \Phi_{517}\ \Phi_{94}^4\ \Phi_{47}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_2^4\ \Phi_1^4$
127803	1704	1001	$\frac{1}{13}$	$\frac{6}{77}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{1001}^2\ \Phi_{143}\ \Phi_{91}^2$
127804	1704	130	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{59}{130}$	$\Phi_{130}^{24}\ \Phi_{26}^{24}\ \Phi_{13}^{11}\ \Phi_{10}^{24}\ \Phi_2^{24}\ \Phi_1^{12}$
127805	1704	3200	$\frac{1}{25}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
127806	1704	1800	$\frac{1}{72}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}$ $\Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
127807	1704	400	$\frac{1}{25}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{400}^4\ \Phi_{200}^5\ \Phi_{100}^5\ \Phi_{80}^3\ \Phi_{50}^5\ \Phi_{40}^4\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3$ $\Phi_4^4\ \Phi_2^4\ \Phi_1^4$
127808	1704	3150	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{3150}\ \Phi_{1050}\ \Phi_{630}\ \Phi_{450}\ \Phi_{350}\ \Phi_{225}\ \Phi_{210}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}$ $\Phi_{70}\ \Phi_{50}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
127809	1704	742	$\frac{1}{106}$	$\frac{1}{7}$	$\frac{35}{106}$	$\frac{3}{7}$	$\Phi_{742}^2\ \Phi_{371}^2\ \Phi_{106}^4\ \Phi_{53}^4\ \Phi_{14}^2\ \Phi_7^3\ \Phi_2^4\ \Phi_1^6$
127810	1704	504	$\frac{1}{72}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{72}^6\ \Phi_{63}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{36}^6\ \Phi_{28}^2\ \Phi_{24}^6$ $\Phi_{21}^3\ \Phi_{18}^6\ \Phi_{14}^2\ \Phi_{12}^6\ \Phi_9^6\ \Phi_8^6\ \Phi_7^3\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
127811	1704	1085	$\frac{4}{217}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1085}^2\ \Phi_{155}^2\ \Phi_{35}$
127812	1704	1855	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{52}{265}$	$\frac{3}{7}$	$\Phi_{1855}\ \Phi_{265}^2\ \Phi_{35}\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
127813	1704	610	$\frac{1}{61}$	$\frac{10}{61}$	$\frac{1}{5}$	$\frac{51}{122}$	$\Phi_{610}^6\ \Phi_{305}\ \Phi_{10}^6$
127814	1704	1703	$\frac{17}{1703}$	$\frac{281}{1703}$	$\frac{496}{1703}$	$\frac{711}{1703}$	$\Phi_{1703}\ \Phi_{131}\ \Phi_{13}\ \Phi_1^2$
127815	1704	2559	$\frac{7}{853}$	$\frac{141}{853}$	$\frac{1}{3}$	$\frac{356}{853}$	Φ_{2559}
127816	1704	1703	$\frac{14}{1703}$	$\frac{285}{1703}$	$\frac{563}{1703}$	$\frac{709}{1703}$	$\Phi_{1703}\ \Phi_{131}\ \Phi_{13}\ \Phi_1^2$
127817	1704	600	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{600}^5\ \Phi_{300}\ \Phi_{200}^5\ \Phi_{150}\ \Phi_{120}^4\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}^4\ \Phi_{30}$ $\Phi_{24}^4\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8^4$
127818	1704	715	$\frac{6}{143}$	$\frac{1}{13}$	$\frac{137}{715}$	$\frac{289}{715}$	$\Phi_{715}^2\ \Phi_{143}^4\ \Phi_{65}^2\ \Phi_{55}^2\ \Phi_{13}^3\ \Phi_{11}^4\ \Phi_5^2\ \Phi_1^4$
127819	1704	2145	$\frac{1}{143}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{2145}\ \Phi_{429}^2\ \Phi_{195}\ \Phi_{165}\ \Phi_{39}^2\ \Phi_{33}^2$
127820	1704	1415	$\frac{3}{283}$	$\frac{1}{5}$	$\frac{70}{283}$	$\frac{2}{5}$	$\Phi_{1415}\ \Phi_{283}^2\ \Phi_5^2\ \Phi_1^4$
127821	1704	360	$\frac{1}{72}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^5\ \Phi_{72}^4\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{40}^5\ \Phi_{36}^4\ \Phi_{30}^5\ \Phi_{24}^4\ \Phi_{20}^5$ $\Phi_{18}^4\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4$
127822	1704	1015	$\frac{3}{145}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1015}^2\ \Phi_{203}^2\ \Phi_{35}$
127823	1704	143	$\frac{1}{143}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{143}^{12}\ \Phi_{13}^{11}\ \Phi_{11}^{12}\ \Phi_1^{12}$
127824	1704	221	$\frac{8}{221}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{221}^8\ \Phi_{17}^8\ \Phi_{13}^3\ \Phi_1^4$
127825	1704	798	$\frac{1}{57}$	$\frac{1}{7}$	$\frac{14}{57}$	$\frac{43}{114}$	$\Phi_{798}^4\ \Phi_{399}\ \Phi_{266}^4\ \Phi_{133}\ \Phi_{42}^4\ \Phi_{21}\ \Phi_{14}^4$
127826	1704	1703	$\frac{19}{1703}$	$\frac{354}{1703}$	$\frac{421}{1703}$	$\frac{641}{1703}$	$\Phi_{1703}\ \Phi_{131}\ \Phi_{13}\ \Phi_1^2$
127827	1704	2276	$\frac{5}{569}$	$\frac{141}{569}$	$\frac{1}{4}$	$\frac{214}{569}$	$\Phi_{2276}\ \Phi_{1138}$
127828	1704	1703	$\frac{15}{1703}$	$\frac{422}{1703}$	$\frac{427}{1703}$	$\frac{638}{1703}$	$\Phi_{1703}\ \Phi_{131}\ \Phi_{13}\ \Phi_1^2$
127829	1704	1800	$\frac{1}{72}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}$ $\Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
127830	1704	2700	$\frac{1}{25}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}$ $\Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
127831	1704	429	$\frac{4}{143}$	$\frac{1}{13}$	$\frac{139}{429}$	$\frac{145}{429}$	$\Phi_{429}^3\ \Phi_{143}^6\ \Phi_{39}^3\ \Phi_{33}^3\ \Phi_{13}^5\ \Phi_{11}^6\ \Phi_3^3\ \Phi_1^6$
127832	1704	1703	$\frac{20}{1703}$	$\frac{283}{1703}$	$\frac{561}{1703}$	$\frac{571}{1703}$	$\Phi_{1703}\ \Phi_{131}\ \Phi_{13}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
127833	1704	2135	$\frac{4}{427}$	$\frac{1}{5}$	$\frac{141}{427}$	$\frac{143}{427}$	$\Phi_{2135}\ \Phi_{305}\ \Phi_{35}$
127834	1704	1703	$\frac{8}{1703}$	$\frac{565}{1703}$	$\frac{567}{1703}$	$\frac{569}{1703}$	$\Phi_{1703}\ \Phi_{131}\ \Phi_{13}\ \Phi_{1}^{2}$
127835	1704	2559	$\frac{4}{853}$	$\frac{283}{853}$	$\frac{1}{3}$	$\frac{285}{853}$	Φ_{2559}
127836	1704	642	$\frac{1}{214}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{642}^{3}\ \Phi_{321}^{3}\ \Phi_{214}^{2}\ \Phi_{107}^{2}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
127837	1704	1275	$\frac{2}{425}$	$\frac{141}{425}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1275}\ \Phi_{425}^{2}\ \Phi_{255}\ \Phi_{85}^{2}\ \Phi_{75}\ \Phi_{51}\ \Phi_{25}^{2}\ \Phi_{17}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
127838	1704	1716	$\frac{1}{143}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}^{2}\ \Phi_{286}^{2}\ \Phi_{156}\ \Phi_{132}\ \Phi_{78}\ \Phi_{66}\ \Phi_{52}^{2}\ \Phi_{44}^{2}\ \Phi_{26}^{2}\ \Phi_{22}^{2}$
127839	1704	645	$\frac{2}{215}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{645}^{2}\ \Phi_{215}^{4}\ \Phi_{129}^{2}\ \Phi_{43}^{4}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
127840	1704	255	$\frac{1}{85}$	$\frac{14}{85}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{255}^{5}\ \Phi_{85}^{10}\ \Phi_{51}^{5}\ \Phi_{17}^{10}\ \Phi_{15}^{5}\ \Phi_{5}^{10}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
127841	1704	504	$\frac{1}{72}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{168}^{4}\ \Phi_{126}^{4}\ \Phi_{84}^{4}\ \Phi_{63}^{4}\ \Phi_{56}^{4}\ \Phi_{42}^{4}\ \Phi_{28}^{4}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{2}$
127842	1704	663	$\frac{8}{221}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{663}^{2}\ \Phi_{221}^{4}\ \Phi_{51}\ \Phi_{39}^{2}\ \Phi_{17}^{2}\ \Phi_{13}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
127843	1704	75	$\frac{1}{25}$	$\frac{4}{75}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{75}^{23}\ \Phi_{25}^{22}\ \Phi_{15}^{23}\ \Phi_{5}^{22}\ \Phi_{3}^{24}\ \Phi_{1}^{24}$
127844	1704	1590	$\frac{1}{106}$	$\frac{1}{5}$	$\frac{35}{106}$	$\frac{1}{3}$	$\Phi_{1590}^{2}\ \Phi_{795}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{3}$
127845	1704	2559	$\frac{10}{853}$	$\frac{143}{853}$	$\frac{281}{853}$	$\frac{1}{3}$	Φ_{2559}
127846	1704	2961	$\frac{2}{141}$	$\frac{1}{7}$	$\frac{139}{423}$	$\frac{1}{3}$	$\Phi_{2961}\ \Phi_{63}\ \Phi_{21}$
127847	1704	1365	$\frac{1}{35}$	$\frac{1}{13}$	$\frac{34}{105}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}^{2}\ \Phi_{273}\ \Phi_{195}\ \Phi_{91}^{2}\ \Phi_{65}^{2}\ \Phi_{39}^{2}\ \Phi_{13}^{2}$
127848	1704	792	$\frac{1}{72}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{99}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{4}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{36}^{4}\ \Phi_{33}\ \Phi_{24}^{4}\ \Phi_{22}^{2}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{11}^{2}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
127849	1704	2559	$\frac{9}{853}$	$\frac{211}{853}$	$\frac{214}{853}$	$\frac{1}{3}$	Φ_{2559}
127850	1704	3396	$\frac{3}{283}$	$\frac{70}{283}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3396}\ \Phi_{1698}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
127851	1704	360	$\frac{1}{72}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{6}\ \Phi_{90}^{6}\ \Phi_{60}^{5}\ \Phi_{45}^{6}\ \Phi_{40}^{6}\ \Phi_{30}^{5}\ \Phi_{20}^{6}\ \Phi_{15}^{6}\ \Phi_{10}^{6}\ \Phi_{5}^{6}$
127852	1704	1974	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{23}{94}$	$\frac{1}{3}$	$\Phi_{1974}^{2}\ \Phi_{987}\ \Phi_{42}^{2}\ \Phi_{21}^{2}$
127853	1704	795	$\frac{1}{53}$	$\frac{52}{265}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{795}^{3}\ \Phi_{159}^{4}\ \Phi_{15}^{4}\ \Phi_{3}^{4}$
127854	1704	975	$\frac{4}{75}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{975}^{2}\ \Phi_{325}^{2}\ \Phi_{195}\ \Phi_{65}^{2}\ \Phi_{39}^{2}\ \Phi_{13}^{2}$
127855	1704	1092	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{13}{84}$	$\frac{1}{3}$	$\Phi_{1092}^{2}\ \Phi_{546}\ \Phi_{364}^{2}\ \Phi_{273}\ \Phi_{182}^{2}\ \Phi_{156}^{2}\ \Phi_{91}^{2}\ \Phi_{78}\ \Phi_{52}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{2}\ \Phi_{13}^{2}$
127856	1704	3003	$\frac{1}{13}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{3003}\ \Phi_{429}\ \Phi_{39}$
127857	1704	3120	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{39}$
127858	1704	915	$\frac{1}{61}$	$\frac{1}{5}$	$\frac{41}{183}$	$\frac{20}{61}$	$\Phi_{915}^{3}\ \Phi_{305}\ \Phi_{15}^{3}$
127859	1704	2415	$\frac{1}{35}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{34}{105}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{345}\ \Phi_{105}^{2}\ \Phi_{69}\ \Phi_{23}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
127860	1704	1260	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{34}{105}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{420}\ \Phi_{252}^{2}\ \Phi_{210}\ \Phi_{180}^{2}\ \Phi_{140}^{2}\ \Phi_{126}^{2}\ \Phi_{90}^{2}\ \Phi_{84}\ \Phi_{70}^{2}\ \Phi_{60}\ \Phi_{42}\ \Phi_{36}^{3}\ \Phi_{30}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
127861	1704	2415	$\frac{1}{35}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{34}{105}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{345}\ \Phi_{105}^{2}\ \Phi_{69}\ \Phi_{23}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
127862	1704	105	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{34}{105}$	$\Phi_{105}^{24}\ \Phi_{35}\ \Phi_{21}^{24}\ \Phi_{15}^{24}\ \Phi_{3}^{24}$
127863	1704	104	$\frac{5}{104}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{33}{104}$	$\Phi_{104}^{16}\ \Phi_{52}^{16}\ \Phi_{26}^{16}\ \Phi_{13}^{19}\ \Phi_{8}^{16}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{20}$
127864	1704	315	$\frac{1}{15}$	$\frac{31}{315}$	$\frac{1}{7}$	$\frac{14}{45}$	$\Phi_{315}^{5}\ \Phi_{105}^{6}\ \Phi_{63}^{5}\ \Phi_{45}^{6}\ \Phi_{35}^{6}\ \Phi_{21}^{6}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
127865	1704	1725	$\frac{4}{75}$	$\frac{2}{23}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{345}\ \Phi_{75}^{2}\ \Phi_{69}\ \Phi_{25}^{2}\ \Phi_{23}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
127866	1704	1932	$\frac{1}{14}$	$\frac{2}{23}$	$\frac{13}{84}$	$\frac{7}{23}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{84}^{2}\ \Phi_{69}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{23}\ \Phi_{21}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
127867	1704	1771	$\frac{6}{77}$	$\frac{2}{23}$	$\frac{1}{7}$	$\frac{7}{23}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{77}^{2}\ \Phi_{23}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
127868	1704	1840	$\frac{2}{23}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{7}{23}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{23}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
127869	1704	2145	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{23}{165}$	$\frac{10}{33}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{195}\ \Phi_{143}\ \Phi_{65}$
127870	1704	2835	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{7}$	$\frac{121}{405}$	$\Phi_{2835}\ \Phi_{567}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
127871	1704	399	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{1}{7}$	$\frac{115}{399}$	$\Phi_{399}^{6}\ \Phi_{133}\ \Phi_{57}^{6}\ \Phi_{21}^{6}\ \Phi_{3}^{6}$
127872	1704	735	$\frac{5}{147}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{735}^{3}\ \Phi_{245}^{3}\ \Phi_{105}^{3}\ \Phi_{35}\ \Phi_{15}^{3}$
127873	1704	1287	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{28}{99}$	$\Phi_{1287}^{2}\ \Phi_{143}\ \Phi_{117}^{2}$
127874	1704	78	$\frac{1}{13}$	$\frac{7}{78}$	$\frac{2}{13}$	$\frac{11}{39}$	$\Phi_{78}^{24}\ \Phi_{39}^{18}\ \Phi_{26}^{24}\ \Phi_{13}^{23}\ \Phi_{6}^{24}\ \Phi_{3}^{18}\ \Phi_{2}^{24}\ \Phi_{1}^{24}$
127875	1704	393	$\frac{5}{131}$	$\frac{21}{131}$	$\frac{22}{131}$	$\frac{109}{393}$	$\Phi_{393}^{6}\ \Phi_{131}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
127876	1704	1034	$\frac{1}{47}$	$\frac{2}{11}$	$\frac{23}{94}$	$\frac{3}{11}$	$\Phi_{1034}^{2}\ \Phi_{517}\ \Phi_{94}^{4}\ \Phi_{47}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
127877	1704	195	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{195}$	$\Phi_{195}^{12}\ \Phi_{39}^{12}\ \Phi_{15}^{12}\ \Phi_{13}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
127878	1704	2400	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
127879	1704	940	$\frac{1}{47}$	$\frac{1}{5}$	$\frac{23}{94}$	$\frac{1}{4}$	$\Phi_{940}^{3}\ \Phi_{470}\ \Phi_{235}^{2}\ \Phi_{20}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$
127880	1704	900	$\frac{4}{75}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{900}^{3}\ \Phi_{450}^{3}\ \Phi_{300}^{2}\ \Phi_{180}^{2}\ \Phi_{150}^{2}\ \Phi_{100}^{2}\ \Phi_{90}^{2}\ \Phi_{60}\ \Phi_{50}^{2}\ \Phi_{36}^{3}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
127881	1704	252	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{84}$	$\frac{1}{4}$	$\Phi_{252}^{7}\ \Phi_{126}^{8}\ \Phi_{84}^{4}\ \Phi_{63}^{8}\ \Phi_{42}^{5}\ \Phi_{36}^{8}\ \Phi_{28}^{6}\ \Phi_{21}^{5}\ \Phi_{18}^{9}\ \Phi_{14}^{6}\ \Phi_{12}^{5}\ \Phi_{9}^{8}\ \Phi_{7}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
127882	1704	2772	$\frac{6}{77}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{462}\ \Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{66}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
127883	1704	720	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{80}$	$\frac{1}{4}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{3}\ \Phi_{180}\ \Phi_{144}^{3}\ \Phi_{120}^{3}\ \Phi_{90}^{2}\ \Phi_{72}^{3}\ \Phi_{60}\ \Phi_{48}^{3}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
127884	1704	280	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{67}{280}$	$\Phi_{280}^{8}\ \Phi_{140}^{8}\ \Phi_{56}^{8}\ \Phi_{40}^{8}\ \Phi_{35}\ \Phi_{28}^{8}\ \Phi_{20}^{8}\ \Phi_{8}^{8}\ \Phi_{4}^{8}$
127885	1704	78	$\frac{1}{13}$	$\frac{7}{78}$	$\frac{5}{26}$	$\frac{3}{13}$	$\Phi_{78}^{24}\ \Phi_{39}^{24}\ \Phi_{26}^{16}\ \Phi_{13}^{19}\ \Phi_{6}^{24}\ \Phi_{3}^{24}\ \Phi_{2}^{16}\ \Phi_{1}^{20}$
127886	1704	260	$\frac{1}{13}$	$\frac{5}{52}$	$\frac{47}{260}$	$\frac{3}{13}$	$\Phi_{260}^{8}\ \Phi_{130}^{8}\ \Phi_{65}^{8}\ \Phi_{20}^{8}\ \Phi_{13}^{3}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{1}^{4}$
127887	1704	1144	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{17}{88}$	$\frac{5}{22}$	$\Phi_{1144}^{2}\ \Phi_{572}^{2}\ \Phi_{143}\ \Phi_{104}^{2}\ \Phi_{52}^{2}$
127888	1704	91	$\frac{1}{13}$	$\frac{11}{91}$	$\frac{2}{13}$	$\frac{20}{91}$	$\Phi_{91}^{18}\ \Phi_{13}^{23}\ \Phi_{7}^{18}\ \Phi_{1}^{24}$
127889	1704	1725	$\frac{4}{75}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{5}{23}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{345}\ \Phi_{75}^{2}\ \Phi_{69}\ \Phi_{25}^{2}\ \Phi_{23}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
127890	1704	1932	$\frac{1}{14}$	$\frac{3}{23}$	$\frac{13}{84}$	$\frac{5}{23}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{84}^{2}\ \Phi_{69}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{23}\ \Phi_{21}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
127891	1704	1771	$\frac{6}{77}$	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{5}{23}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{77}^{2}\ \Phi_{23}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
127892	1704	1840	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{3}{23}$	$\frac{5}{23}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{23}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
127893	1704	1120	$\frac{11}{224}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{1120}^{2}\ \Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{160}^{2}\ \Phi_{140}^{2}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{35}\ \Phi_{20}^{2}$
127894	1704	630	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{7}{45}$	$\frac{19}{90}$	$\Phi_{630}^{4}\ \Phi_{315}^{2}\ \Phi_{210}^{4}\ \Phi_{126}^{4}\ \Phi_{105}^{3}\ \Phi_{70}^{4}\ \Phi_{63}^{2}\ \Phi_{42}^{4}\ \Phi_{35}^{3}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{2}$
127895	1704	532	$\frac{5}{76}$	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{532}^{4}\ \Phi_{266}^{4}\ \Phi_{133}^{3}\ \Phi_{28}^{4}\ \Phi_{14}^{4}\ \Phi_{7}^{2}$
127896	1704	525	$\frac{4}{75}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{525}^{4}\ \Phi_{175}^{4}\ \Phi_{105}^{4}\ \Phi_{35}\ \Phi_{21}^{4}$
127897	1704	175	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{33}{175}$	$\frac{1}{5}$	$\Phi_{175}^{12}\ \Phi_{35}\ \Phi_{25}^{12}$
127898	1704	455	$\frac{29}{455}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{455}^{4}\ \Phi_{91}^{4}\ \Phi_{65}^{4}\ \Phi_{35}\ \Phi_{13}^{4}$
127899	1704	420	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{84}$	$\frac{1}{5}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{140}^{6}\ \Phi_{105}^{6}\ \Phi_{60}^{6}\ \Phi_{35}\ \Phi_{30}^{6}\ \Phi_{20}^{6}\ \Phi_{15}^{6}$
127900	1704	385	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{385}^{6}\ \Phi_{55}^{6}\ \Phi_{35}$
127901	1704	245	$\frac{3}{35}$	$\frac{32}{245}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{245}^{8}\ \Phi_{49}^{8}\ \Phi_{35}$
127902	1704	315	$\frac{31}{315}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{63}^{6}\ \Phi_{45}^{6}\ \Phi_{35}\ \Phi_{21}^{6}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{3}^{6}$
127903	1704	560	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{140}^{4}\ \Phi_{112}^{4}\ \Phi_{56}^{4}\ \Phi_{35}\ \Phi_{28}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
127904	1705	680	$\frac{1}{340}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{339}{680}$	$\Phi_{680}\ \Phi_{340}^4\ \Phi_{170}^4\ \Phi_{136}\ \Phi_{85}^4\ \Phi_{68}^4\ \Phi_{40}\ \Phi_{34}^4\ \Phi_{20}^4\ \Phi_{17}^4\ \Phi_{10}^4\ \Phi_8^2\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
127905	1705	3392	$\frac{9}{1696}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1687}{3392}$	$\Phi_{3392}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
127906	1705	678	$\frac{2}{339}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{337}{678}$	$\Phi_{678}^2\ \Phi_{339}^3\ \Phi_{226}^2\ \Phi_{113}^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
127907	1705	1540	$\frac{1}{154}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{153}{308}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{308}\ \Phi_{154}^2\ \Phi_{110}^2\ \Phi_{77}^2\ \Phi_{70}^2\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{22}^2\ \Phi_{20}\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
127908	1705	4620	$\frac{1}{154}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{153}{308}$	$\Phi_{4620}\ \Phi_{924}\ \Phi_{660}\ \Phi_{420}\ \Phi_{308}\ \Phi_{132}\ \Phi_{84}\ \Phi_{60}\ \Phi_{44}\ \Phi_{28}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
127909	1705	3384	$\frac{13}{1692}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1679}{3384}$	$\Phi_{3384}\ \Phi_{1128}\ \Phi_{376}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
127910	1705	456	$\frac{1}{114}$	$\frac{1}{6}$	$\frac{115}{456}$	$\frac{113}{228}$	$\Phi_{456}^5\ \Phi_{152}^5\ \Phi_{114}^5\ \Phi_{57}^5\ \Phi_{38}^5\ \Phi_{24}^5\ \Phi_{19}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
127911	1705	1952	$\frac{3}{244}$	$\frac{247}{1952}$	$\frac{1}{4}$	$\frac{241}{488}$	$\Phi_{1952}\ \Phi_{976}\ \Phi_{244}\ \Phi_{122}\ \Phi_{61}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
127912	1705	612	$\frac{2}{153}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{151}{306}$	$\Phi_{612}^3\ \Phi_{306}^2\ \Phi_{204}^3\ \Phi_{153}^3\ \Phi_{102}^2\ \Phi_{68}^3\ \Phi_{51}^3\ \Phi_{36}^3\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{17}^3\ \Phi_{12}^5\ \Phi_9^3\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
127913	1705	2052	$\frac{5}{342}$	$\frac{1}{6}$	$\frac{347}{2052}$	$\frac{337}{684}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{513}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{108}\ \Phi_{57}\ \Phi_{54}\ \Phi_{38}\ \Phi_{27}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_1$
127914	1705	672	$\frac{5}{336}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{331}{672}$	$\Phi_{672}^5\ \Phi_{224}^5\ \Phi_{96}^5\ \Phi_{48}\ \Phi_{32}^5\ \Phi_{16}\ \Phi_1$
127915	1705	672	$\frac{5}{336}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{331}{672}$	$\Phi_{672}^5\ \Phi_{224}^5\ \Phi_{96}^5\ \Phi_{32}^5\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
127916	1705	672	$\frac{5}{336}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{331}{672}$	$\Phi_{672}^5\ \Phi_{224}^5\ \Phi_{96}^5\ \Phi_{32}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
127917	1705	540	$\frac{1}{54}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{53}{108}$	$\Phi_{270}^6\ \Phi_{135}^6\ \Phi_{108}\ \Phi_{90}^6\ \Phi_{60}\ \Phi_{54}^6\ \Phi_{45}^6\ \Phi_{36}\ \Phi_{30}^6\ \Phi_{27}^6\ \Phi_{20}\ \Phi_{18}^6\ \Phi_{15}^6\ \Phi_{12}^2\ \Phi_{10}^6\ \Phi_9^6\ \Phi_6^6\ \Phi_5^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
127918	1705	1188	$\frac{1}{54}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{53}{108}$	$\Phi_{1188}^3\ \Phi_{396}^3\ \Phi_{132}^3\ \Phi_{108}\ \Phi_{44}^3\ \Phi_{36}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
127919	1705	540	$\frac{1}{54}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{53}{108}$	$\Phi_{540}^6\ \Phi_{180}^6\ \Phi_{108}^7\ \Phi_{60}^6\ \Phi_{45}\ \Phi_{36}^7\ \Phi_{20}^6\ \Phi_{12}^7\ \Phi_9\ \Phi_4^7\ \Phi_1$
127920	1705	1080	$\frac{1}{54}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{53}{108}$	$\Phi_{1080}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{108}\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{40}^3\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
127921	1705	3780	$\frac{1}{54}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{53}{108}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{420}\ \Phi_{252}\ \Phi_{140}\ \Phi_{108}\ \Phi_{84}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
127922	1705	108	$\frac{1}{54}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{53}{108}$	$\Phi_{108}^{13}\ \Phi_{54}^{18}\ \Phi_{36}^{14}\ \Phi_{27}^{18}\ \Phi_{18}^{19}\ \Phi_{12}^{14}\ \Phi_9^{19}\ \Phi_6^{18}\ \Phi_4^{14}\ \Phi_3^{18}\ \Phi_2^{18}\ \Phi_1^{19}$
127923	1705	624	$\frac{1}{52}$	$\frac{1}{12}$	$\frac{53}{208}$	$\frac{51}{104}$	$\Phi_{624}^4\ \Phi_{208}^3\ \Phi_{156}^4\ \Phi_{78}^4\ \Phi_{52}^3\ \Phi_{48}^4\ \Phi_{39}^4\ \Phi_{26}^3\ \Phi_{16}^3\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
127924	1705	912	$\frac{3}{152}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{149}{304}$	$\Phi_{912}^4\ \Phi_{304}^3\ \Phi_{48}^4\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
127925	1705	666	$\frac{8}{333}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{325}{666}$	$\Phi_{666}^2\ \Phi_{333}^3\ \Phi_{222}^2\ \Phi_{111}^3\ \Phi_{74}^2\ \Phi_{37}^3\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
127926	1705	1140	$\frac{1}{38}$	$\frac{39}{380}$	$\frac{1}{6}$	$\frac{37}{76}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}\ \Phi_{285}^2\ \Phi_{190}\ \Phi_{114}^2\ \Phi_{95}\ \Phi_{60}^2\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
127927	1705	3312	$\frac{49}{1656}$	$\frac{1}{24}$	$\frac{23}{72}$	$\frac{1607}{3312}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
127928	1705	1140	$\frac{1}{30}$	$\frac{2}{57}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{1140}^3\ \Phi_{380}^3\ \Phi_{228}^3\ \Phi_{76}^3\ \Phi_{60}\ \Phi_{57}\ \Phi_{20}\ \Phi_{19}\ \Phi_{12}\ \Phi_4\ \Phi_1$
127929	1705	1620	$\frac{1}{30}$	$\frac{1}{27}$	$\frac{26}{81}$	$\frac{29}{60}$	$\Phi_{1620}^3\ \Phi_{324}^3\ \Phi_{81}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
127930	1705	360	$\frac{1}{30}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{29}{60}$	$\Phi_{360}^6\ \Phi_{120}^6\ \Phi_{90}^6\ \Phi_{72}^7\ \Phi_{60}\ \Phi_{45}^6\ \Phi_{40}^6\ \Phi_{36}\ \Phi_{30}^6\ \Phi_{24}^7\ \Phi_{20}\ \Phi_{18}^6\ \Phi_{15}^6\ \Phi_{12}^2\ \Phi_{10}^6\ \Phi_9^6\ \Phi_8^7\ \Phi_6^6\ \Phi_5^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
127931	1705	540	$\frac{1}{30}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{29}{60}$	$\Phi_{540}^6\ \Phi_{180}^6\ \Phi_{108}^6\ \Phi_{60}^7\ \Phi_{36}^6\ \Phi_{27}^2\ \Phi_{20}^7\ \Phi_{12}^7\ \Phi_9^2\ \Phi_4^7\ \Phi_3^2\ \Phi_1^3$
127932	1705	60	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{29}{60}$	$\Phi_{60}^{25}\ \Phi_{30}^{30}\ \Phi_{20}^{25}\ \Phi_{15}^{30}\ \Phi_{12}^{30}\ \Phi_{10}^{30}\ \Phi_6^{34}\ \Phi_5^{30}\ \Phi_4^{30}\ \Phi_3^{34}\ \Phi_2^{34}\ \Phi_1^{35}$
127933	1705	1260	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{29}{60}$	$\Phi_{1260}^3\ \Phi_{420}^3\ \Phi_{252}^3\ \Phi_{140}^3\ \Phi_{84}^3\ \Phi_{63}\ \Phi_{60}\ \Phi_{28}^3\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
127934	1705	2304	$\frac{23}{576}$	$\frac{1}{24}$	$\frac{599}{2304}$	$\frac{553}{1152}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
127935	1705	2016	$\frac{1}{24}$	$\frac{25}{336}$	$\frac{311}{2016}$	$\frac{23}{48}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
127936	1705	384	$\frac{1}{24}$	$\frac{5}{48}$	$\frac{43}{384}$	$\frac{23}{48}$	$\Phi_{384}^5\ \Phi_{192}^5\ \Phi_{128}^5\ \Phi_{96}^5\ \Phi_{64}^5\ \Phi_{48}\ \Phi_{32}^5\ \Phi_{16}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
127937	1705	1824	$\frac{5}{114}$	$\frac{119}{1824}$	$\frac{1}{6}$	$\frac{109}{228}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{152}\ \Phi_{114}\ \Phi_{96}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{32}\ \Phi_{24}\ \Phi_{19}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
127938	1705	3264	$\frac{1}{24}$	$\frac{73}{1632}$	$\frac{23}{96}$	$\frac{1559}{3264}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
127939	1705	648	$\frac{17}{324}$	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{307}{648}$	$\Phi_{648}^5\ \Phi_{216}^5\ \Phi_{72}^5\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{9}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
127940	1705	360	$\frac{19}{360}$	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^5\ \Phi_{72}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{18}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_{9}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
127941	1705	1938	$\frac{1}{19}$	$\frac{18}{323}$	$\frac{1}{6}$	$\frac{305}{646}$	$\Phi_{1938}\ \Phi_{969}\ \Phi_{323}\ \Phi_{114}^2\ \Phi_{102}\ \Phi_{57}^2\ \Phi_{51}\ \Phi_{38}\ \Phi_{19}\ \Phi_{17}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
127942	1705	416	$\frac{1}{32}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{416}^4\ \Phi_{208}^4\ \Phi_{104}^3\ \Phi_{52}^4\ \Phi_{32}^7\ \Phi_{26}^4\ \Phi_{16}^7\ \Phi_{13}^4\ \Phi_{8}^6\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^7$
127943	1705	3192	$\frac{5}{114}$	$\frac{109}{1596}$	$\frac{1}{6}$	$\frac{1487}{3192}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{168}\ \Phi_{152}\ \Phi_{114}\ \Phi_{57}\ \Phi_{56}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
127944	1705	1872	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{167}{1872}$	$\frac{145}{312}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{16}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
127945	1705	288	$\frac{1}{24}$	$\frac{11}{144}$	$\frac{23}{144}$	$\frac{133}{288}$	$\Phi_{288}^{11}\ \Phi_{144}\ \Phi_{96}^{11}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}^{11}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
127946	1705	288	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{133}{288}$	$\Phi_{288}^{11}\ \Phi_{96}^{11}\ \Phi_{32}^{11}\ \Phi_{12}^{10}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
127947	1705	168	$\frac{13}{168}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{24}$	$\Phi_{168}^{11}\ \Phi_{84}^{11}\ \Phi_{56}^{11}\ \Phi_{42}^{11}\ \Phi_{28}^{11}\ \Phi_{21}^{11}\ \Phi_{14}^{11}\ \Phi_{12}^{10}\ \Phi_{7}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
127948	1705	1716	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{12}{143}$	$\frac{131}{286}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{156}^2\ \Phi_{143}\ \Phi_{132}\ \Phi_{78}^2\ \Phi_{66}\ \Phi_{52}^2\ \Phi_{44}\ \Phi_{39}^2\ \Phi_{33}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
127949	1705	213	$\frac{4}{213}$	$\frac{19}{213}$	$\frac{58}{213}$	$\frac{97}{213}$	$\Phi_{213}^8\ \Phi_{71}^8\ \Phi_{3}^8\ \Phi_{1}^9$
127950	1705	284	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{13}{142}$	$\frac{129}{284}$	$\Phi_{284}^{11}\ \Phi_{71}^2\ \Phi_{4}^{11}\ \Phi_{1}^3$
127951	1705	624	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{29}{312}$	$\frac{283}{624}$	$\Phi_{624}^5\ \Phi_{208}^5\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}^5\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}^5\ \Phi_{13}\ \Phi_{1}$
127952	1705	4620	$\frac{1}{77}$	$\frac{1}{10}$	$\frac{76}{231}$	$\frac{9}{20}$	$\Phi_{4620}\ \Phi_{924}\ \Phi_{660}\ \Phi_{420}\ \Phi_{231}\ \Phi_{132}\ \Phi_{84}\ \Phi_{60}\ \Phi_{33}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
127953	1705	1540	$\frac{2}{77}$	$\frac{1}{10}$	$\frac{15}{77}$	$\frac{9}{20}$	$\Phi_{1540}^2\ \Phi_{308}^2\ \Phi_{220}^2\ \Phi_{140}^2\ \Phi_{77}^2\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{4}^3\ \Phi_{1}^3$
127954	1705	480	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^2\ \Phi_{120}^4\ \Phi_{96}^6\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^6\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{30}^4\ \Phi_{24}^6\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_{8}^3\ \Phi_{6}^5\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^5\ \Phi_{2}^2\ \Phi_{1}^3$
127955	1705	3220	$\frac{6}{161}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{3220}\ \Phi_{644}\ \Phi_{460}\ \Phi_{161}\ \Phi_{92}\ \Phi_{23}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
127956	1705	880	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{21}{176}$	$\frac{9}{20}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{176}^3\ \Phi_{110}^2\ \Phi_{88}^3\ \Phi_{80}^2\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{40}^2\ \Phi_{22}^2\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_{8}^3\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
127957	1705	660	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{660}^5\ \Phi_{220}^4\ \Phi_{132}^5\ \Phi_{60}^5\ \Phi_{44}^4\ \Phi_{33}^5\ \Phi_{20}^5\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_{4}^5\ \Phi_{3}^5\ \Phi_{1}^5$
127958	1705	840	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^3\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
127959	1705	56	$\frac{1}{56}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{56}^{30}\ \Phi_{28}^{31}\ \Phi_{14}^{31}\ \Phi_{8}^{30}\ \Phi_{7}^{31}\ \Phi_{4}^{30}\ \Phi_{2}^{30}\ \Phi_{1}^{31}$
127960	1705	3072	$\frac{1}{24}$	$\frac{169}{1536}$	$\frac{23}{192}$	$\frac{1367}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
127961	1705	384	$\frac{1}{24}$	$\frac{43}{384}$	$\frac{23}{192}$	$\frac{169}{384}$	$\Phi_{384}^4\ \Phi_{192}^5\ \Phi_{128}^4\ \Phi_{96}^5\ \Phi_{64}^5\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{24}^4\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
127962	1705	1824	$\frac{1}{38}$	$\frac{37}{304}$	$\frac{1}{6}$	$\frac{267}{608}$	$\Phi_{1824}^2\ \Phi_{608}\ \Phi_{114}^2\ \Phi_{96}^2\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
127963	1705	1568	$\frac{1}{32}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{1568}\ \Phi_{784}\ \Phi_{392}\ \Phi_{224}^2\ \Phi_{196}\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{49}\ \Phi_{32}\ \Phi_{28}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
127964	1705	2544	$\frac{9}{848}$	$\frac{1}{8}$	$\frac{839}{2544}$	$\frac{7}{16}$	$\Phi_{2544}\ \Phi_{1272}\ \Phi_{636}\ \Phi_{318}\ \Phi_{159}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
127965	1705	1728	$\frac{23}{1728}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
127966	1705	64	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{64}^{31}\ \Phi_{32}^{22}\ \Phi_{16}^{23}\ \Phi_{8}^{22}\ \Phi_{4}^{22}\ \Phi_{2}^{22}\ \Phi_{1}^{23}$
127967	1705	3024	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{193}{1512}$	$\frac{1319}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{216}\ \Phi_{144}\ \Phi_{112}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
127968	1705	96	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{96}^{15}\ \Phi_{48}^{16}\ \Phi_{32}^{22}\ \Phi_{24}^{16}\ \Phi_{16}^{23}\ \Phi_{12}^{16}\ \Phi_{8}^{22}\ \Phi_{6}^{16}\ \Phi_{4}^{22}\ \Phi_{3}^{16}\ \Phi_{2}^{22}\ \Phi_{1}^{23}$
127969	1705	2928	$\frac{3}{244}$	$\frac{241}{1464}$	$\frac{1}{4}$	$\frac{1223}{2928}$	$\Phi_{2928}\ \Phi_{976}\ \Phi_{244}\ \Phi_{122}\ \Phi_{61}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
127970	1705	348	$\frac{7}{348}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{348}^{5}\ \Phi_{174}^{5}\ \Phi_{116}^{5}\ \Phi_{87}^{5}\ \Phi_{58}^{5}\ \Phi_{29}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
127971	1705	355	$\frac{14}{355}$	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{29}{71}$	$\Phi_{355}^{5}\ \Phi_{71}^{4}\ \Phi_{5}^{5}\ \Phi_{1}^{5}$
127972	1705	576	$\frac{1}{24}$	$\frac{23}{288}$	$\frac{53}{288}$	$\frac{235}{576}$	$\Phi_{576}^{5}\ \Phi_{288}\ \Phi_{192}^{5}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}^{5}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
127973	1705	156	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{5}{26}$	$\frac{21}{52}$	$\Phi_{156}^{12}\ \Phi_{78}^{12}\ \Phi_{52}^{7}\ \Phi_{39}^{12}\ \Phi_{26}^{11}\ \Phi_{13}^{11}\ \Phi_{12}^{11}\ \Phi_{6}^{11}\ \Phi_{4}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
127974	1705	570	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{56}{285}$	$\frac{229}{570}$	$\Phi_{570}^{2}\ \Phi_{285}^{3}\ \Phi_{190}^{2}\ \Phi_{114}^{5}\ \Phi_{95}^{3}\ \Phi_{57}^{5}\ \Phi_{38}^{5}\ \Phi_{30}^{2}\ \Phi_{19}^{5}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
127975	1705	426	$\frac{1}{71}$	$\frac{14}{71}$	$\frac{85}{426}$	$\frac{57}{142}$	$\Phi_{426}^{5}\ \Phi_{213}^{5}\ \Phi_{71}^{4}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
127976	1705	568	$\frac{1}{71}$	$\frac{14}{71}$	$\frac{57}{284}$	$\frac{227}{568}$	$\Phi_{568}^{5}\ \Phi_{71}^{4}\ \Phi_{8}^{5}\ \Phi_{1}^{5}$
127977	1705	468	$\frac{1}{156}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{156}^{5}\ \Phi_{117}^{3}\ \Phi_{78}^{5}\ \Phi_{52}^{5}\ \Phi_{39}^{5}\ \Phi_{36}^{3}\ \Phi_{26}^{5}\ \Phi_{18}^{2}\ \Phi_{13}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
127978	1705	2736	$\frac{5}{342}$	$\frac{1}{6}$	$\frac{337}{1368}$	$\frac{1031}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{342}\ \Phi_{304}\ \Phi_{171}\ \Phi_{144}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{19}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
127979	1705	2040	$\frac{1}{170}$	$\frac{1}{4}$	$\frac{169}{510}$	$\frac{3}{8}$	$\Phi_{2040}^{2}\ \Phi_{510}\ \Phi_{408}^{2}\ \Phi_{255}\ \Phi_{120}^{2}\ \Phi_{102}\ \Phi_{51}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{15}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
127980	1705	624	$\frac{1}{156}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{624}^{4}\ \Phi_{208}^{4}\ \Phi_{156}^{3}\ \Phi_{78}^{3}\ \Phi_{52}^{3}\ \Phi_{48}^{4}\ \Phi_{39}^{3}\ \Phi_{26}^{3}\ \Phi_{16}^{3}\ \Phi_{13}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127981	1705	344	$\frac{3}{344}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{344}^{5}\ \Phi_{172}^{5}\ \Phi_{86}^{5}\ \Phi_{43}^{5}\ \Phi_{8}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
127982	1705	2760	$\frac{4}{345}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{345}\ \Phi_{184}\ \Phi_{120}\ \Phi_{115}\ \Phi_{69}\ \Phi_{24}\ \Phi_{23}\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
127983	1705	3400	$\frac{1}{85}$	$\frac{84}{425}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3400}\ \Phi_{425}\ \Phi_{200}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
127984	1705	408	$\frac{1}{68}$	$\frac{67}{408}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^{5}\ \Phi_{204}^{5}\ \Phi_{136}\ \Phi_{102}^{5}\ \Phi_{68}^{4}\ \Phi_{51}^{5}\ \Phi_{34}^{4}\ \Phi_{24}^{5}\ \Phi_{17}^{4}\ \Phi_{12}^{5}\ \Phi_{8}^{2}\ \Phi_{6}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
127985	1705	1400	$\frac{9}{350}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1400}^{2}\ \Phi_{350}\ \Phi_{280}^{2}\ \Phi_{200}^{2}\ \Phi_{175}\ \Phi_{70}\ \Phi_{56}^{2}\ \Phi_{50}\ \Phi_{35}\ \Phi_{25}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
127986	1705	136	$\frac{1}{34}$	$\frac{3}{34}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{136}^{20}\ \Phi_{34}^{10}\ \Phi_{17}^{10}\ \Phi_{8}^{21}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
127987	1705	96	$\frac{1}{32}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{96}^{20}\ \Phi_{48}^{20}\ \Phi_{32}^{15}\ \Phi_{24}^{16}\ \Phi_{16}^{15}\ \Phi_{12}^{19}\ \Phi_{8}^{12}\ \Phi_{6}^{19}\ \Phi_{4}^{14}\ \Phi_{3}^{19}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
127988	1705	2856	$\frac{16}{357}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{357}\ \Phi_{168}\ \Phi_{119}\ \Phi_{56}\ \Phi_{51}\ \Phi_{24}\ \Phi_{21}\ \Phi_{8}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
127989	1705	360	$\frac{1}{20}$	$\frac{19}{360}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}^{5}\ \Phi_{90}^{5}\ \Phi_{72}^{5}\ \Phi_{60}^{5}\ \Phi_{45}^{5}\ \Phi_{40}\ \Phi_{36}^{5}\ \Phi_{30}^{5}\ \Phi_{24}^{5}\ \Phi_{20}^{4}\ \Phi_{18}^{5}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{4}\ \Phi_{9}^{5}\ \Phi_{8}^{2}\ \Phi_{6}^{5}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
127990	1705	1728	$\frac{23}{1728}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
127991	1705	336	$\frac{1}{56}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{336}^{8}\ \Phi_{112}^{8}\ \Phi_{56}^{7}\ \Phi_{48}^{8}\ \Phi_{28}^{7}\ \Phi_{16}^{7}\ \Phi_{14}^{7}\ \Phi_{8}^{6}\ \Phi_{7}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
127992	1705	672	$\frac{1}{32}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{224}^{4}\ \Phi_{168}^{2}\ \Phi_{112}^{4}\ \Phi_{96}^{2}\ \Phi_{84}\ \Phi_{56}^{4}\ \Phi_{48}^{2}\ \Phi_{42}^{2}\ \Phi_{32}^{3}\ \Phi_{28}^{3}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{16}^{3}\ \Phi_{14}^{3}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
127993	1705	2592	$\frac{1}{24}$	$\frac{23}{432}$	$\frac{409}{1296}$	$\frac{887}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
127994	1705	468	$\frac{1}{39}$	$\frac{1}{12}$	$\frac{38}{117}$	$\frac{79}{234}$	$\Phi_{468}^{3}\ \Phi_{234}^{2}\ \Phi_{156}^{6}\ \Phi_{117}^{3}\ \Phi_{78}^{5}\ \Phi_{52}^{6}\ \Phi_{39}^{5}\ \Phi_{36}^{3}\ \Phi_{26}^{5}\ \Phi_{18}^{2}\ \Phi_{13}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
127995	1705	2556	$\frac{1}{213}$	$\frac{212}{639}$	$\frac{851}{2556}$	$\frac{427}{1278}$	$\Phi_{2556}\ \Phi_{852}\ \Phi_{639}\ \Phi_{284}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
127996	1705	627	$\frac{2}{57}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{627}^{3}\ \Phi_{209}^{3}\ \Phi_{57}\ \Phi_{33}\ \Phi_{19}\ \Phi_{11}\ \Phi_{1}$
127997	1705	891	$\frac{1}{27}$	$\frac{2}{33}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{891}^{3}\ \Phi_{81}\ \Phi_{33}\ \Phi_{11}\ \Phi_{1}$
127998	1705	855	$\frac{2}{57}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{855}^{3}\ \Phi_{171}^{3}\ \Phi_{57}\ \Phi_{45}\ \Phi_{19}\ \Phi_{9}\ \Phi_{1}$
127999	1705	204	$\frac{2}{51}$	$\frac{1}{12}$	$\frac{49}{204}$	$\frac{1}{3}$	$\Phi_{204}^{8}\ \Phi_{102}^{8}\ \Phi_{68}^{8}\ \Phi_{51}^{9}\ \Phi_{34}^{8}\ \Phi_{17}^{9}\ \Phi_{12}^{10}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
128000	1705	792	$\frac{1}{18}$	$\frac{2}{33}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{792}^{3}\ \Phi_{396}^{3}\ \Phi_{264}^{3}\ \Phi_{132}^{3}\ \Phi_{88}^{3}\ \Phi_{72}\ \Phi_{44}^{3}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
128001	1705	2280	$\frac{2}{57}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{456}\ \Phi_{380}\ \Phi_{228}\ \Phi_{152}\ \Phi_{76}\ \Phi_{57}\ \Phi_{40}\ \Phi_{20}\ \Phi_{19}\ \Phi_8\ \Phi_4\ \Phi_1$
128002	1705	324	$\frac{7}{162}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{324}^6\ \Phi_{162}^5\ \Phi_{108}^6\ \Phi_{81}^5\ \Phi_{54}^5\ \Phi_{36}^3\ \Phi_{27}^5\ \Phi_{18}^2\ \Phi_{12}^5\ \Phi_9^3\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
128003	1705	1995	$\frac{2}{57}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{133}\ \Phi_{57}\ \Phi_{35}\ \Phi_{19}\ \Phi_7\ \Phi_1$
128004	1705	297	$\frac{2}{33}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{1}{3}$	$\Phi_{297}^6\ \Phi_{99}^6\ \Phi_{33}^7\ \Phi_{27}^2\ \Phi_{11}^7\ \Phi_9^2\ \Phi_3^2\ \Phi_1^3$
128005	1705	684	$\frac{2}{57}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{684}^3\ \Phi_{342}^3\ \Phi_{228}^3\ \Phi_{171}^3\ \Phi_{76}^3\ \Phi_{57}\ \Phi_{36}\ \Phi_{19}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
128006	1705	132	$\frac{2}{33}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{132}^{15}\ \Phi_{66}^{12}\ \Phi_{44}^{15}\ \Phi_{33}^{13}\ \Phi_{22}^{12}\ \Phi_{12}^5\ \Phi_{11}^{13}\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
128007	1705	693	$\frac{2}{33}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{3}$	$\Phi_{693}^3\ \Phi_{231}^3\ \Phi_{77}^3\ \Phi_{63}\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}\ \Phi_7\ \Phi_1$
128008	1705	2196	$\frac{3}{244}$	$\frac{491}{2196}$	$\frac{1}{4}$	$\frac{241}{732}$	$\Phi_{2196}\ \Phi_{1098}\ \Phi_{549}\ \Phi_{244}\ \Phi_{122}\ \Phi_{61}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
128009	1705	1155	$\frac{1}{77}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{76}{231}$	$\Phi_{1155}\ \Phi_{385}^2\ \Phi_{231}^2\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}^2\ \Phi_{55}^2\ \Phi_{35}^2\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^3\ \Phi_1^3$
128010	1705	2538	$\frac{13}{846}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{833}{2538}$	$\Phi_{2538}\ \Phi_{1269}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
128011	1705	504	$\frac{5}{168}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{163}{504}$	$\Phi_{504}^5\ \Phi_{252}^5\ \Phi_{126}^5\ \Phi_{72}^5\ \Phi_{63}^5\ \Phi_{36}^5\ \Phi_{28}\ \Phi_{18}^5\ \Phi_{14}\ \Phi_9^5\ \Phi_7\ \Phi_1$
128012	1705	504	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{163}{504}$	$\Phi_{504}^5\ \Phi_{252}^5\ \Phi_{126}^5\ \Phi_{72}^5\ \Phi_{63}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
128013	1705	405	$\frac{1}{27}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{26}{81}$	$\Phi_{405}^6\ \Phi_{81}^7\ \Phi_{45}\ \Phi_9\ \Phi_1$
128014	1705	3240	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{26}{81}$	$\Phi_{3240}\ \Phi_{1620}\ \Phi_{648}\ \Phi_{324}\ \Phi_{81}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
128015	1705	2835	$\frac{1}{27}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{26}{81}$	$\Phi_{2835}\ \Phi_{567}\ \Phi_{81}\ \Phi_{35}\ \Phi_7\ \Phi_1$
128016	1705	324	$\frac{1}{27}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{26}{81}$	$\Phi_{324}^9\ \Phi_{162}^6\ \Phi_{81}^7\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
128017	1705	228	$\frac{3}{76}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{73}{228}$	$\Phi_{228}^7\ \Phi_{114}^7\ \Phi_{76}^8\ \Phi_{57}^7\ \Phi_{38}^8\ \Phi_{19}^8\ \Phi_{12}^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
128018	1705	378	$\frac{1}{18}$	$\frac{37}{378}$	$\frac{1}{6}$	$\frac{17}{54}$	$\Phi_{378}^5\ \Phi_{189}^5\ \Phi_{126}^5\ \Phi_{63}^5\ \Phi_{42}^5\ \Phi_{21}^5\ \Phi_{18}^5\ \Phi_{14}^5\ \Phi_9^5\ \Phi_7^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
128019	1705	360	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{17}{72}$	$\frac{14}{45}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^6\ \Phi_{72}^7\ \Phi_{60}^6\ \Phi_{45}\ \Phi_{40}^6\ \Phi_{36}^7\ \Phi_{24}^7\ \Phi_{20}^6\ \Phi_{12}^7\ \Phi_9\ \Phi_8^7\ \Phi_4^7\ \Phi_1$
128020	1705	135	$\frac{1}{15}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{14}{45}$	$\Phi_{135}^{12}\ \Phi_{45}^{13}\ \Phi_{27}^{14}\ \Phi_{15}^{12}\ \Phi_9^{15}\ \Phi_5^{12}\ \Phi_3^{14}\ \Phi_1^{15}$
128021	1705	180	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{14}{45}$	$\Phi_{180}^{15}\ \Phi_{90}^{12}\ \Phi_{45}^{13}\ \Phi_{36}^{15}\ \Phi_{18}^{12}\ \Phi_{12}^5\ \Phi_9^{13}\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
128022	1705	315	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{14}{45}$	$\Phi_{315}^6\ \Phi_{105}^6\ \Phi_{63}^7\ \Phi_{45}\ \Phi_{35}^6\ \Phi_{21}^7\ \Phi_9\ \Phi_7^7\ \Phi_1$
128023	1705	36	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{5}{36}$	$\frac{11}{36}$	$\Phi_{36}^{44}\ \Phi_{18}^{44}\ \Phi_{12}^{54}\ \Phi_9^{44}\ \Phi_6^{54}\ \Phi_4^{54}\ \Phi_3^{54}\ \Phi_2^{54}\ \Phi_1^{55}$
128024	1705	486	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{1}{6}$	$\frac{145}{486}$	$\Phi_{486}^5\ \Phi_{243}^5\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
128025	1705	1764	$\frac{59}{1764}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{63}\ \Phi_{49}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
128026	1705	288	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{288}^8\ \Phi_{144}^8\ \Phi_{72}^7\ \Phi_{36}^7\ \Phi_{32}^7\ \Phi_{18}^7\ \Phi_{16}^7\ \Phi_9^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
128027	1705	2394	$\frac{5}{114}$	$\frac{109}{798}$	$\frac{1}{6}$	$\frac{689}{2394}$	$\Phi_{2394}\ \Phi_{1197}\ \Phi_{342}\ \Phi_{171}\ \Phi_{126}\ \Phi_{114}\ \Phi_{63}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_1$
128028	1705	224	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{224}^8\ \Phi_{112}^8\ \Phi_{56}^8\ \Phi_{32}^7\ \Phi_{28}^8\ \Phi_{16}^7\ \Phi_{14}^3\ \Phi_8^7\ \Phi_7^5\ \Phi_4^7\ \Phi_2^2\ \Phi_1^5$
128029	1705	216	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{216}$	$\Phi_{216}^{11}\ \Phi_{108}^{11}\ \Phi_{54}^{11}\ \Phi_{27}^{11}\ \Phi_{12}^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
128030	1705	213	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{58}{213}$	$\Phi_{213}^{11}\ \Phi_{71}^2\ \Phi_3^{11}\ \Phi_1^3$
128031	1705	468	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{29}{156}$	$\frac{127}{468}$	$\Phi_{468}^5\ \Phi_{234}^5\ \Phi_{156}\ \Phi_{117}^5\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}^5\ \Phi_{26}\ \Phi_{18}^5\ \Phi_{13}\ \Phi_9^5\ \Phi_1$
128032	1705	1155	$\frac{2}{77}$	$\frac{15}{77}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1155}^2\ \Phi_{231}^2\ \Phi_{165}^2\ \Phi_{105}^2\ \Phi_{77}^2\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_{11}^2\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
128033	1705	480	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^4\ \Phi_{120}^3\ \Phi_{96}^5\ \Phi_{80}^4\ \Phi_{60}^3\ \Phi_{48}^5\ \Phi_{40}^4\ \Phi_{32}^5\ \Phi_{30}\ \Phi_{24}^5\ \Phi_{20}^4\ \Phi_{16}^5\ \Phi_{15}^2\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_8^5\ \Phi_6^2\ \Phi_5^2\ \Phi_4^5\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
128034	1705	2415	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{345}\ \Phi_{161}\ \Phi_{69}\ \Phi_{23}\ \Phi_{15}\ \Phi_3\ \Phi_1$
128035	1705	2640	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{264}\ \Phi_{240}\ \Phi_{176}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{60}\ \Phi_{48}\ \Phi_{44}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
128036	1705	105	$\frac{1}{21}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{105}^{16}\ \Phi_{35}^{17}\ \Phi_{21}^{15}\ \Phi_{15}^{17}\ \Phi_{7}^{16}\ \Phi_{5}^{17}\ \Phi_{3}^{16}\ \Phi_{1}^{17}$
128037	1705	165	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{165}^{9}\ \Phi_{55}^{10}\ \Phi_{33}^{14}\ \Phi_{15}^{10}\ \Phi_{11}^{14}\ \Phi_{5}^{10}\ \Phi_{3}^{15}\ \Phi_{1}^{15}$
128038	1705	840	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}\ \Phi_{168}^{3}\ \Phi_{140}^{2}\ \Phi_{120}^{2}\ \Phi_{105}\ \Phi_{84}^{3}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{56}^{3}\ \Phi_{42}^{2}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{28}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
128039	1705	2304	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{169}{768}$	$\frac{599}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
128040	1705	456	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{37}{152}$	$\frac{115}{456}$	$\Phi_{456}^{3}\ \Phi_{228}^{3}\ \Phi_{152}^{4}\ \Phi_{114}^{5}\ \Phi_{76}^{4}\ \Phi_{57}^{5}\ \Phi_{38}^{5}\ \Phi_{24}^{3}\ \Phi_{19}^{5}\ \Phi_{12}^{3}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
128041	1705	448	$\frac{5}{112}$	$\frac{3}{28}$	$\frac{107}{448}$	$\frac{1}{4}$	$\Phi_{448}^{5}\ \Phi_{224}^{5}\ \Phi_{64}^{5}\ \Phi_{32}^{5}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
128042	1705	1792	$\frac{87}{1792}$	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
128043	1705	420	$\frac{5}{84}$	$\frac{3}{28}$	$\frac{79}{420}$	$\frac{1}{4}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{140}^{5}\ \Phi_{105}^{5}\ \Phi_{70}^{5}\ \Phi_{60}^{5}\ \Phi_{35}^{5}\ \Phi_{30}^{5}\ \Phi_{28}\ \Phi_{20}^{5}\ \Phi_{15}^{5}\ \Phi_{14}\ \Phi_{10}^{5}\ \Phi_{7}\ \Phi_{5}^{5}\ \Phi_{1}$
128044	1705	364	$\frac{23}{364}$	$\frac{3}{28}$	$\frac{5}{28}$	$\frac{1}{4}$	$\Phi_{364}^{5}\ \Phi_{182}^{5}\ \Phi_{91}^{5}\ \Phi_{52}^{5}\ \Phi_{28}\ \Phi_{26}^{5}\ \Phi_{14}\ \Phi_{13}^{5}\ \Phi_{7}\ \Phi_{1}$
128045	1705	2016	$\frac{25}{336}$	$\frac{3}{28}$	$\frac{311}{2016}$	$\frac{1}{4}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
128046	1705	168	$\frac{13}{168}$	$\frac{3}{28}$	$\frac{25}{168}$	$\frac{1}{4}$	$\Phi_{168}^{10}\ \Phi_{84}^{10}\ \Phi_{56}^{10}\ \Phi_{42}^{10}\ \Phi_{28}^{11}\ \Phi_{24}^{10}\ \Phi_{21}^{10}\ \Phi_{14}^{11}\ \Phi_{12}^{10}\ \Phi_{8}^{10}\ \Phi_{7}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
128047	1705	392	$\frac{5}{56}$	$\frac{3}{28}$	$\frac{51}{392}$	$\frac{1}{4}$	$\Phi_{392}^{5}\ \Phi_{196}^{5}\ \Phi_{98}^{5}\ \Phi_{49}^{5}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
128048	1705	360	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{17}{72}$	$\Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{120}^{4}\ \Phi_{90}^{6}\ \Phi_{72}^{5}\ \Phi_{60}^{4}\ \Phi_{45}^{6}\ \Phi_{40}^{5}\ \Phi_{36}^{5}\ \Phi_{30}^{6}\ \Phi_{24}^{5}\ \Phi_{20}^{5}\ \Phi_{18}^{6}\ \Phi_{15}^{6}\ \Phi_{12}^{5}\ \Phi_{10}^{6}\ \Phi_{9}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
128049	1705	2520	$\frac{1}{18}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{17}{72}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{280}\ \Phi_{252}\ \Phi_{168}\ \Phi_{140}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
128050	1705	72	$\frac{1}{18}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{17}{72}$	$\Phi_{72}^{31}\ \Phi_{36}^{14}\ \Phi_{24}^{31}\ \Phi_{18}^{19}\ \Phi_{12}^{14}\ \Phi_{9}^{19}\ \Phi_{8}^{31}\ \Phi_{6}^{18}\ \Phi_{4}^{14}\ \Phi_{3}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
128051	1705	192	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{37}{192}$	$\frac{11}{48}$	$\Phi_{192}^{11}\ \Phi_{96}^{11}\ \Phi_{64}^{11}\ \Phi_{32}^{11}\ \Phi_{12}^{10}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
128052	1705	1080	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{5}{27}$	$\frac{9}{40}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{216}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{108}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{40}^{3}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
128053	1705	120	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{40}$	$\Phi_{120}^{18}\ \Phi_{60}^{8}\ \Phi_{40}^{19}\ \Phi_{30}^{10}\ \Phi_{24}^{18}\ \Phi_{20}^{9}\ \Phi_{15}^{10}\ \Phi_{12}^{13}\ \Phi_{10}^{10}\ \Phi_{8}^{19}\ \Phi_{6}^{14}\ \Phi_{5}^{10}\ \Phi_{4}^{14}\ \Phi_{3}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
128054	1705	2520	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{9}{40}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{280}\ \Phi_{252}\ \Phi_{168}\ \Phi_{140}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
128055	1705	432	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{1}{6}$	$\frac{91}{432}$	$\Phi_{432}^{5}\ \Phi_{216}^{5}\ \Phi_{144}^{5}\ \Phi_{72}^{5}\ \Phi_{48}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{16}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
128056	1705	360	$\frac{19}{360}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}^{5}\ \Phi_{90}^{5}\ \Phi_{72}^{5}\ \Phi_{60}^{5}\ \Phi_{45}^{5}\ \Phi_{40}^{5}\ \Phi_{36}^{5}\ \Phi_{30}^{5}\ \Phi_{20}^{5}\ \Phi_{18}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
128057	1705	945	$\frac{2}{27}$	$\frac{4}{35}$	$\frac{5}{27}$	$\frac{1}{5}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{105}^{2}\ \Phi_{63}^{2}\ \Phi_{35}^{3}\ \Phi_{27}^{2}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
128058	1705	420	$\frac{1}{12}$	$\frac{4}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{420}^{5}\ \Phi_{210}^{4}\ \Phi_{140}^{5}\ \Phi_{105}^{4}\ \Phi_{84}^{5}\ \Phi_{70}^{4}\ \Phi_{42}^{4}\ \Phi_{35}^{5}\ \Phi_{28}^{5}\ \Phi_{21}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{5}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
128059	1705	315	$\frac{1}{9}$	$\frac{4}{35}$	$\frac{8}{63}$	$\frac{1}{5}$	$\Phi_{315}^{5}\ \Phi_{105}^{5}\ \Phi_{63}^{6}\ \Phi_{45}^{6}\ \Phi_{35}^{6}\ \Phi_{21}^{6}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{7}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
128060	1705	420	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{79}{420}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{140}^{5}\ \Phi_{105}^{5}\ \Phi_{70}^{5}\ \Phi_{60}^{5}\ \Phi_{35}^{5}\ \Phi_{30}^{5}\ \Phi_{20}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
128061	1705	108	$\frac{2}{27}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{5}{27}$	$\Phi_{108}^{18}\ \Phi_{54}^{12}\ \Phi_{36}^{19}\ \Phi_{27}^{14}\ \Phi_{18}^{13}\ \Phi_{12}^{19}\ \Phi_{9}^{15}\ \Phi_{6}^{12}\ \Phi_{4}^{19}\ \Phi_{3}^{14}\ \Phi_{2}^{12}\ \Phi_{1}^{15}$
128062	1705	114	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{6}$	$\frac{7}{38}$	$\Phi_{114}^{18}\ \Phi_{57}^{18}\ \Phi_{38}^{9}\ \Phi_{19}^{9}\ \Phi_{6}^{17}\ \Phi_{3}^{17}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
128063	1705	36	$\frac{1}{12}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{36}^{55}\ \Phi_{18}^{55}\ \Phi_{12}^{30}\ \Phi_{9}^{55}\ \Phi_{6}^{34}\ \Phi_{4}^{30}\ \Phi_{3}^{34}\ \Phi_{2}^{34}\ \Phi_{1}^{35}$
128064	1705	378	$\frac{37}{378}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{378}^{5}\ \Phi_{189}^{5}\ \Phi_{126}^{5}\ \Phi_{63}^{5}\ \Phi_{54}^{5}\ \Phi_{27}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
128065	1705	384	$\frac{5}{48}$	$\frac{43}{384}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{384}^{5}\ \Phi_{192}^{5}\ \Phi_{128}^{5}\ \Phi_{96}^{5}\ \Phi_{64}^{5}\ \Phi_{32}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
128066	1705	252	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{5}{36}$	$\frac{1}{6}$	$\Phi_{252}^{9}\ \Phi_{126}^{6}\ \Phi_{84}^{9}\ \Phi_{63}^{7}\ \Phi_{42}^{6}\ \Phi_{36}\ \Phi_{28}^{9}\ \Phi_{21}^{7}\ \Phi_{18}\ \Phi_{14}^{6}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}^{7}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
128067	1706	1364	$\frac{1}{341}$	$\frac{171}{682}$	$\frac{511}{1364}$	$\frac{170}{341}$	$\Phi_{1364}^2\ \Phi_{341}\ \Phi_{124}^2\ \Phi_{44}^2\ \Phi_{31}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
128068	1706	1700	$\frac{3}{850}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{847}{1700}$	$\Phi_{1700}^2\ \Phi_{340}^2\ \Phi_{100}^2\ \Phi_{68}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
128069	1706	1550	$\frac{1}{155}$	$\frac{78}{775}$	$\frac{697}{1550}$	$\frac{77}{155}$	$\Phi_{1550}^2\ \Phi_{310}^2\ \Phi_{155}\ \Phi_{62}^2\ \Phi_{50}^2\ \Phi_{31}\ \Phi_{10}^2\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
128070	1706	1695	$\frac{11}{1695}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{842}{1695}$	$\Phi_{1695}\ \Phi_{565}\ \Phi_{339}\ \Phi_{113}\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
128071	1706	1140	$\frac{2}{285}$	$\frac{1}{5}$	$\frac{287}{1140}$	$\frac{283}{570}$	$\Phi_{1140}^2\ \Phi_{380}^2\ \Phi_{285}^2\ \Phi_{228}^2\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{60}^2\ \Phi_{57}^2\ \Phi_{20}^2\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
128072	1706	1694	$\frac{6}{847}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{841}{1694}$	$\Phi_{1694}^2\ \Phi_{242}^2\ \Phi_{154}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
128073	1706	5082	$\frac{6}{847}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{841}{1694}$	$\Phi_{5082}\ \Phi_{726}\ \Phi_{462}\ \Phi_{66}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
128074	1706	2928	$\frac{1}{122}$	$\frac{123}{976}$	$\frac{1}{3}$	$\frac{121}{244}$	$\Phi_{2928}\ \Phi_{1464}\ \Phi_{366}\ \Phi_{183}\ \Phi_{48}\ \Phi_{24}\ \Phi_6$
128075	1706	1683	$\frac{23}{1683}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{830}{1683}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}\ \Phi_{99}\ \Phi_{51}\ \Phi_{33}^2\ \Phi_{17}\ \Phi_{11}\ \Phi_9\ \Phi_3^2\ \Phi_1^2$
128076	1706	1680	$\frac{13}{840}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{827}{1680}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_6$
128077	1706	1680	$\frac{13}{840}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{827}{1680}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
128078	1706	1144	$\frac{5}{286}$	$\frac{1}{11}$	$\frac{291}{1144}$	$\frac{281}{572}$	$\Phi_{1144}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{104}^2\ \Phi_{88}^2\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{13}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
128079	1706	1650	$\frac{1}{55}$	$\frac{28}{825}$	$\frac{797}{1650}$	$\frac{27}{55}$	$\Phi_{1650}^2\ \Phi_{550}^2\ \Phi_{330}^2\ \Phi_{150}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
128080	1706	1100	$\frac{1}{55}$	$\frac{28}{275}$	$\frac{247}{1100}$	$\frac{27}{55}$	$\Phi_{1100}^2\ \Phi_{550}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{100}^2\ \Phi_{55}\ \Phi_{50}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
128081	1706	990	$\frac{1}{55}$	$\frac{137}{990}$	$\frac{28}{165}$	$\frac{27}{55}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
128082	1706	1674	$\frac{16}{837}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{821}{1674}$	$\Phi_{1674}^2\ \Phi_{558}^2\ \Phi_{186}^2\ \Phi_{62}^2\ \Phi_{54}^2\ \Phi_{31}\ \Phi_{18}^2\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
128083	1706	1672	$\frac{17}{836}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{819}{1672}$	$\Phi_{1672}^2\ \Phi_{152}^2\ \Phi_{88}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
128084	1706	950	$\frac{2}{95}$	$\frac{97}{950}$	$\frac{1}{5}$	$\frac{93}{190}$	$\Phi_{950}^2\ \Phi_{475}^2\ \Phi_{95}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{19}^2\ \Phi_5\ \Phi_1^2$
128085	1706	1665	$\frac{41}{1665}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{812}{1665}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{333}\ \Phi_{185}\ \Phi_{111}\ \Phi_{45}^2\ \Phi_{37}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
128086	1706	1116	$\frac{1}{31}$	$\frac{16}{279}$	$\frac{263}{1116}$	$\frac{15}{31}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{372}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{36}^2\ \Phi_{31}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
128087	1706	930	$\frac{1}{31}$	$\frac{77}{930}$	$\frac{16}{93}$	$\frac{15}{31}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{310}^2\ \Phi_{186}^2\ \Phi_{155}^2\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
128088	1706	1650	$\frac{28}{825}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{797}{1650}$	$\Phi_{1650}^2\ \Phi_{550}^2\ \Phi_{330}^2\ \Phi_{150}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{50}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
128089	1706	900	$\frac{2}{45}$	$\frac{47}{900}$	$\frac{1}{5}$	$\frac{43}{90}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
128090	1706	1620	$\frac{2}{45}$	$\frac{43}{810}$	$\frac{1}{5}$	$\frac{767}{1620}$	$\Phi_{1620}^2\ \Phi_{540}^2\ \Phi_{324}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
128091	1706	1615	$\frac{4}{95}$	$\frac{91}{1615}$	$\frac{1}{5}$	$\frac{762}{1615}$	$\Phi_{1615}\ \Phi_{323}\ \Phi_{95}^2\ \Phi_{85}\ \Phi_{19}^2\ \Phi_{17}\ \Phi_5\ \Phi_1^2$
128092	1706	1612	$\frac{1}{31}$	$\frac{47}{806}$	$\frac{15}{62}$	$\frac{759}{1612}$	$\Phi_{1612}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{52}^2\ \Phi_{31}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
128093	1706	2604	$\frac{15}{868}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{2604}\ \Phi_{1302}\ \Phi_{651}\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
128094	1706	4758	$\frac{1}{61}$	$\frac{60}{793}$	$\frac{1}{3}$	$\frac{733}{1586}$	$\Phi_{4758}\ \Phi_{366}\ \Phi_{183}\ \Phi_{78}\ \Phi_6$
128095	1706	924	$\frac{5}{66}$	$\frac{71}{924}$	$\frac{1}{11}$	$\frac{61}{132}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
128096	1706	1584	$\frac{5}{66}$	$\frac{61}{792}$	$\frac{1}{11}$	$\frac{731}{1584}$	$\Phi_{1584}^2\ \Phi_{528}^2\ \Phi_{176}^2\ \Phi_{144}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
128097	1706	1573	$\frac{10}{143}$	$\frac{133}{1573}$	$\frac{1}{11}$	$\frac{720}{1573}$	$\Phi_{1573}\ \Phi_{143}^2\ \Phi_{121}\ \Phi_{13}^2\ \Phi_{11}\ \Phi_1^2$
128098	1706	968	$\frac{6}{121}$	$\frac{1}{11}$	$\frac{115}{968}$	$\frac{5}{11}$	$\Phi_{968}^2\ \Phi_{484}^2\ \Phi_{242}^2\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
128099	1706	924	$\frac{71}{924}$	$\frac{6}{77}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
128100	1706	1540	$\frac{1}{55}$	$\frac{83}{770}$	$\frac{27}{110}$	$\frac{687}{1540}$	$\Phi_{1540}^2\ \Phi_{308}^2\ \Phi_{220}^2\ \Phi_{140}^2\ \Phi_{110}^2\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
128101	1706	992	$\frac{1}{31}$	$\frac{15}{124}$	$\frac{139}{992}$	$\frac{109}{248}$	$\Phi_{992}^2\ \Phi_{496}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{32}^2\ \Phi_{31}\ \Phi_{16}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
128102	1706	1520	$\frac{2}{95}$	$\frac{93}{760}$	$\frac{1}{5}$	$\frac{667}{1520}$	$\Phi_{1520}^2\ \Phi_{304}^2\ \Phi_{95}^2\ \Phi_{80}^2\ \Phi_{19}^2\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
128103	1706	1519	$\frac{1}{31}$	$\frac{187}{1519}$	$\frac{30}{217}$	$\frac{666}{1519}$	$\Phi_{1519}\ \Phi_{217}^2\ \Phi_{49}\ \Phi_{31}\ \Phi_7^2\ \Phi_1^2$
128104	1706	870	$\frac{17}{870}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{870}^2\ \Phi_{435}^2\ \Phi_{290}^2\ \Phi_{174}^2\ \Phi_{145}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
128105	1706	1488	$\frac{1}{31}$	$\frac{15}{124}$	$\frac{109}{744}$	$\frac{635}{1488}$	$\Phi_{1488}^2\ \Phi_{496}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{48}^2\ \Phi_{31}\ \Phi_{16}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
128106	1706	1464	$\frac{1}{122}$	$\frac{121}{732}$	$\frac{1}{3}$	$\frac{611}{1464}$	$\Phi_{1464}^2\ \Phi_{488}^2\ \Phi_{366}\ \Phi_{183}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6$
128107	1706	1430	$\frac{5}{143}$	$\frac{1}{11}$	$\frac{138}{715}$	$\frac{577}{1430}$	$\Phi_{1430}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{130}^2\ \Phi_{110}^2\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{13}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_2^2\ \Phi_1^2$
128108	1706	1425	$\frac{4}{285}$	$\frac{281}{1425}$	$\frac{1}{5}$	$\frac{572}{1425}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{285}^2\ \Phi_{95}^2\ \Phi_{75}\ \Phi_{57}^2\ \Phi_{25}\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
128109	1706	1275	$\frac{3}{425}$	$\frac{1}{5}$	$\frac{422}{1275}$	$\frac{2}{5}$	$\Phi_{1275}^2\ \Phi_{255}^2\ \Phi_{75}^2\ \Phi_{51}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
128110	1706	860	$\frac{7}{860}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{860}^2\ \Phi_{430}^2\ \Phi_{215}^2\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
128111	1706	1020	$\frac{3}{170}$	$\frac{167}{1020}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{51}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
128112	1706	875	$\frac{22}{875}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{875}^2\ \Phi_{175}^2\ \Phi_{125}^2\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
128113	1706	935	$\frac{3}{85}$	$\frac{82}{935}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{935}^2\ \Phi_{187}^2\ \Phi_{55}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
128114	1706	900	$\frac{47}{900}$	$\frac{3}{50}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
128115	1706	1395	$\frac{1}{155}$	$\frac{311}{1395}$	$\frac{154}{465}$	$\frac{542}{1395}$	$\Phi_{1395}\ \Phi_{465}^2\ \Phi_{279}\ \Phi_{155}\ \Phi_{93}^2\ \Phi_{45}\ \Phi_{31}\ \Phi_{15}^2\ \Phi_9\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
128116	1706	880	$\frac{27}{880}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{176}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{80}^2\ \Phi_{55}^2\ \Phi_{40}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
128117	1706	1240	$\frac{1}{155}$	$\frac{77}{310}$	$\frac{387}{1240}$	$\frac{233}{620}$	$\Phi_{1240}^2\ \Phi_{310}^2\ \Phi_{248}^2\ \Phi_{155}\ \Phi_{62}^2\ \Phi_{40}^2\ \Phi_{31}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
128118	1706	1320	$\frac{1}{55}$	$\frac{27}{220}$	$\frac{193}{660}$	$\frac{467}{1320}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{220}^2\ \Phi_{120}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
128119	1706	1302	$\frac{1}{31}$	$\frac{15}{217}$	$\frac{202}{651}$	$\frac{449}{1302}$	$\Phi_{1302}^2\ \Phi_{434}^2\ \Phi_{217}^2\ \Phi_{186}^2\ \Phi_{62}^2\ \Phi_{42}^2\ \Phi_{31}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
128120	1706	1287	$\frac{10}{429}$	$\frac{1}{11}$	$\frac{419}{1287}$	$\frac{434}{1287}$	$\Phi_{1287}\ \Phi_{429}^2\ \Phi_{143}^2\ \Phi_{117}\ \Phi_{99}\ \Phi_{39}^2\ \Phi_{33}^2\ \Phi_{13}^2\ \Phi_{11}\ \Phi_9\ \Phi_3^2\ \Phi_1^2$
128121	1706	1098	$\frac{1}{122}$	$\frac{245}{1098}$	$\frac{121}{366}$	$\frac{1}{3}$	$\Phi_{1098}^2\ \Phi_{549}^2\ \Phi_{366}\ \Phi_{183}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6$
128122	1706	1260	$\frac{13}{420}$	$\frac{1}{14}$	$\frac{407}{1260}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6$
128123	1706	882	$\frac{29}{882}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{294}^2\ \Phi_{147}^2\ \Phi_{126}^2\ \Phi_{98}^2\ \Phi_{63}^2\ \Phi_{49}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6$
128124	1706	3360	$\frac{13}{280}$	$\frac{1}{14}$	$\frac{267}{1120}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{672}\ \Phi_{480}\ \Phi_{336}\ \Phi_{240}\ \Phi_{96}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
128125	1706	2688	$\frac{43}{896}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
128126	1706	1050	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{197}{1050}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{42}\ \Phi_{25}^2\ \Phi_{21}\ \Phi_6$
128127	1706	2730	$\frac{57}{910}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1}{3}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{273}\ \Phi_{195}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{21}\ \Phi_6$
128128	1706	924	$\frac{1}{14}$	$\frac{71}{924}$	$\frac{13}{84}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{11}^2\ \Phi_6$
128129	1706	1008	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{155}{1008}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_6$
128130	1706	924	$\frac{71}{924}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
128131	1706	2940	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{127}{980}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{735}\ \Phi_{588}\ \Phi_{294}\ \Phi_{147}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
128132	1706	1260	$\frac{13}{420}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{407}{1260}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
128133	1706	1254	$\frac{17}{418}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{401}{1254}$	$\Phi_{1254}^2\ \Phi_{627}^2\ \Phi_{114}^2\ \Phi_{66}^2\ \Phi_{57}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
128134	1706	945	$\frac{2}{45}$	$\frac{92}{945}$	$\frac{1}{5}$	$\frac{43}{135}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
128135	1706	990	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{137}{990}$	$\frac{61}{198}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
128136	1706	1122	$\frac{23}{561}$	$\frac{1}{11}$	$\frac{269}{1122}$	$\frac{10}{33}$	$\Phi_{1122}^2\ \Phi_{561}\ \Phi_{374}^2\ \Phi_{187}\ \Phi_{102}^2\ \Phi_{66}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{17}\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
128137	1706	891	$\frac{38}{891}$	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{99}\ \Phi_{81}^2\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{11}\ \Phi_9\ \Phi_3^2\ \Phi_1^2$
128138	1706	1215	$\frac{2}{45}$	$\frac{43}{405}$	$\frac{1}{5}$	$\frac{362}{1215}$	$\Phi_{1215}^2\ \Phi_{243}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
128139	1706	1116	$\frac{1}{31}$	$\frac{15}{124}$	$\frac{263}{1116}$	$\frac{109}{372}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{279}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{36}^2\ \Phi_{31}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
128140	1706	1188	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{61}{396}$	$\frac{335}{1188}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{297}^2\ \Phi_{108}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
128141	1706	1140	$\frac{2}{95}$	$\frac{1}{5}$	$\frac{93}{380}$	$\frac{287}{1140}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{285}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{60}^2\ \Phi_{57}^2\ \Phi_{30}^2\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
128142	1706	1056	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{203}{1056}$	$\frac{61}{264}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{176}^2\ \Phi_{96}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{33}^2\ \Phi_{32}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
128143	1706	900	$\frac{47}{900}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
128144	1706	1080	$\frac{2}{45}$	$\frac{43}{270}$	$\frac{1}{5}$	$\frac{227}{1080}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
128145	1706	1050	$\frac{13}{210}$	$\frac{2}{15}$	$\frac{197}{1050}$	$\frac{1}{5}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
128146	1706	945	$\frac{92}{945}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
128147	1706	960	$\frac{13}{120}$	$\frac{107}{960}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
128148	1706	990	$\frac{1}{11}$	$\frac{137}{990}$	$\frac{5}{33}$	$\frac{28}{165}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
128149	1707	2268	$\frac{2}{567}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{565}{1134}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{567}\ \Phi_{324}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{81}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
128150	1707	760	$\frac{1}{190}$	$\frac{1}{4}$	$\frac{191}{760}$	$\frac{189}{380}$	$\Phi_{760}^3\ \Phi_{380}^2\ \Phi_{190}\ \Phi_{152}^3\ \Phi_{95}\ \Phi_{76}^2\ \Phi_{40}^3\ \Phi_{38}\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
128151	1707	2260	$\frac{4}{565}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{561}{1130}$	$\Phi_{2260}\ \Phi_{565}\ \Phi_{452}\ \Phi_{113}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
128152	1707	684	$\frac{1}{114}$	$\frac{115}{684}$	$\frac{1}{4}$	$\frac{113}{228}$	$\Phi_{684}^3\ \Phi_{342}^3\ \Phi_{228}^2\ \Phi_{171}^3\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{38}\ \Phi_{36}^3\ \Phi_{19}\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
128153	1707	1128	$\frac{5}{564}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{559}{1128}$	$\Phi_{1128}^3\ \Phi_{376}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
128154	1707	1120	$\frac{9}{560}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{551}{1120}$	$\Phi_{1120}^3\ \Phi_{224}^3\ \Phi_{160}^3\ \Phi_{32}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
128155	1707	2220	$\frac{14}{555}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{541}{1110}$	$\Phi_{2220}\ \Phi_{740}\ \Phi_{555}\ \Phi_{444}\ \Phi_{185}\ \Phi_{148}\ \Phi_{111}\ \Phi_{60}^2\ \Phi_{37}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
128156	1707	608	$\frac{1}{38}$	$\frac{39}{608}$	$\frac{1}{4}$	$\frac{37}{76}$	$\Phi_{608}^3\ \Phi_{304}^3\ \Phi_{152}^3\ \Phi_{76}^2\ \Phi_{38}\ \Phi_{32}^3\ \Phi_{19}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
128157	1707	2204	$\frac{18}{551}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{533}{1102}$	$\Phi_{2204}\ \Phi_{551}\ \Phi_{116}\ \Phi_{76}^2\ \Phi_{38}\ \Phi_{29}\ \Phi_{19}\ \Phi_4\ \Phi_1$
128158	1707	600	$\frac{1}{30}$	$\frac{31}{600}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^2\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{30}\ \Phi_{25}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
128159	1707	1080	$\frac{1}{30}$	$\frac{29}{540}$	$\frac{1}{4}$	$\frac{511}{1080}$	$\Phi_{1080}^3\ \Phi_{360}^3\ \Phi_{216}^3\ \Phi_{120}^3\ \Phi_{72}^3\ \Phi_{60}^2\ \Phi_{40}^3\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
128160	1707	1064	$\frac{1}{38}$	$\frac{37}{532}$	$\frac{1}{4}$	$\frac{495}{1064}$	$\Phi_{1064}^3\ \Phi_{152}^3\ \Phi_{76}^2\ \Phi_{56}^3\ \Phi_{38}\ \Phi_{19}\ \Phi_8^3\ \Phi_4\ \Phi_1$
128161	1707	580	$\frac{11}{580}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{580}^3\ \Phi_{290}^3\ \Phi_{145}^3\ \Phi_{116}^3\ \Phi_{58}^3\ \Phi_{29}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
128162	1707	2052	$\frac{1}{57}$	$\frac{56}{513}$	$\frac{1}{4}$	$\frac{457}{1026}$	$\Phi_{2052}\ \Phi_{684}\ \Phi_{513}\ \Phi_{228}^2\ \Phi_{171}\ \Phi_{114}\ \Phi_{108}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{38}\ \Phi_{36}\ \Phi_{27}\ \Phi_{19}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
128163	1707	576	$\frac{7}{576}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
128164	1707	1900	$\frac{1}{95}$	$\frac{94}{475}$	$\frac{1}{4}$	$\frac{381}{950}$	$\Phi_{1900}\ \Phi_{475}\ \Phi_{380}^2\ \Phi_{190}\ \Phi_{100}\ \Phi_{95}\ \Phi_{76}^2\ \Phi_{38}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
128165	1707	912	$\frac{1}{114}$	$\frac{113}{456}$	$\frac{1}{4}$	$\frac{343}{912}$	$\Phi_{912}^3\ \Phi_{304}^3\ \Phi_{228}^2\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{48}^3\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
128166	1707	756	$\frac{2}{189}$	$\frac{187}{756}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^3\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}^3\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^3\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
128167	1707	576	$\frac{7}{576}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{36}^2\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
128168	1707	648	$\frac{2}{81}$	$\frac{79}{648}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{648}^3\ \Phi_{324}^2\ \Phi_{216}^3\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^3\ \Phi_{72}^3\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
128169	1707	1260	$\frac{2}{63}$	$\frac{61}{630}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
128170	1707	588	$\frac{19}{588}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{196}^3\ \Phi_{147}^3\ \Phi_{98}^3\ \Phi_{84}^2\ \Phi_{49}^3\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
128171	1707	1188	$\frac{25}{594}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1188}^2\ \Phi_{594}\ \Phi_{396}^2\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}^2\ \Phi_{108}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
128172	1707	684	$\frac{1}{57}$	$\frac{115}{684}$	$\frac{1}{4}$	$\frac{56}{171}$	$\Phi_{684}^2\ \Phi_{342}^2\ \Phi_{228}^3\ \Phi_{171}^3\ \Phi_{114}^3\ \Phi_{76}^3\ \Phi_{57}^3\ \Phi_{38}^3\ \Phi_{36}^2\ \Phi_{19}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
128173	1707	1692	$\frac{5}{282}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{277}{846}$	$\Phi_{1692}^2\ \Phi_{846}\ \Phi_{423}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
128174	1707	840	$\frac{9}{280}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{271}{840}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
128175	1707	1260	$\frac{1}{30}$	$\frac{61}{630}$	$\frac{1}{4}$	$\frac{29}{90}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
128176	1707	1620	$\frac{1}{30}$	$\frac{29}{270}$	$\frac{1}{4}$	$\frac{241}{810}$	$\Phi_{1620}^2\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}^2\ \Phi_{162}\ \Phi_{81}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
128177	1707	1596	$\frac{1}{38}$	$\frac{37}{266}$	$\frac{1}{4}$	$\frac{229}{798}$	$\Phi_{1596}^2\ \Phi_{798}\ \Phi_{399}\ \Phi_{228}^2\ \Phi_{114}\ \Phi_{84}^2\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{42}\ \Phi_{38}\ \Phi_{21}\ \Phi_{19}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
128178	1707	600	$\frac{31}{600}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^3\ \Phi_{30}^3\ \Phi_{25}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
128179	1707	720	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{151}{720}$	$\frac{1}{4}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{144}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{72}^3\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
128180	1707	700	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{131}{700}$	$\frac{1}{4}$	$\Phi_{700}^3\ \Phi_{350}^3\ \Phi_{175}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
128181	1707	1260	$\frac{61}{630}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
128182	1707	640	$\frac{1}{10}$	$\frac{71}{640}$	$\frac{9}{80}$	$\frac{1}{4}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
128183	1708	852	$\frac{1}{426}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{425}{852}$	$\Phi_{852}^4\ \Phi_{284}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
128184	1708	570	$\frac{1}{285}$	$\frac{143}{570}$	$\frac{1}{3}$	$\frac{142}{285}$	$\Phi_{570}^4\ \Phi_{285}^2\ \Phi_{190}^4\ \Phi_{114}^4\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{38}^4\ \Phi_{30}^4\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^2\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
128185	1708	972	$\frac{1}{243}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{121}{243}$	$\Phi_{972}^3\ \Phi_{324}^3\ \Phi_{243}\ \Phi_{108}^3\ \Phi_{81}\ \Phi_{36}^3\ \Phi_{27}\ \Phi_{12}^4\ \Phi_9\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
128186	1708	243	$\frac{1}{243}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{121}{243}$	$\Phi_{243}^7\ \Phi_{81}^7\ \Phi_{27}^7\ \Phi_9^8\ \Phi_3^7\ \Phi_1^8$
128187	1708	2550	$\frac{2}{425}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{423}{850}$	$\Phi_{2550}^2\ \Phi_{510}^2\ \Phi_{150}^2\ \Phi_{102}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
128188	1708	569	$\frac{3}{569}$	$\frac{142}{569}$	$\frac{143}{569}$	$\frac{283}{569}$	$\Phi_{569}^3\ \Phi_1^4$
128189	1708	513	$\frac{1}{171}$	$\frac{86}{513}$	$\frac{1}{3}$	$\frac{85}{171}$	$\Phi_{513}^4\ \Phi_{171}^2\ \Phi_{57}^2\ \Phi_{27}^4\ \Phi_{19}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
128190	1708	4240	$\frac{3}{424}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{421}{848}$	$\Phi_{4240}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
128191	1708	1695	$\frac{13}{1695}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{841}{1695}$	$\Phi_{1695}\ \Phi_{565}\ \Phi_{339}\ \Phi_{113}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
128192	1708	1573	$\frac{1}{121}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{60}{121}$	$\Phi_{1573}\ \Phi_{143}\ \Phi_{121}^2\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_1^4$
128193	1708	2904	$\frac{1}{121}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{60}{121}$	$\Phi_{2904}\ \Phi_{1452}\ \Phi_{726}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
128194	1708	569	$\frac{5}{569}$	$\frac{41}{569}$	$\frac{264}{569}$	$\frac{282}{569}$	$\Phi_{569}^{3}\ \Phi_{1}^{4}$
128195	1708	846	$\frac{4}{423}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{419}{846}$	$\Phi_{846}^{4}\ \Phi_{282}^{4}\ \Phi_{94}^{4}\ \Phi_{18}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
128196	1708	1425	$\frac{1}{95}$	$\frac{48}{475}$	$\frac{1}{3}$	$\frac{47}{95}$	$\Phi_{1425}^{2}\ \Phi_{285}\ \Phi_{75}^{2}\ \Phi_{57}\ \Phi_{15}$
128197	1708	1960	$\frac{3}{245}$	$\frac{1}{8}$	$\frac{62}{245}$	$\frac{121}{245}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{280}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
128198	1708	1707	$\frac{25}{1707}$	$\frac{182}{1707}$	$\frac{433}{1707}$	$\frac{841}{1707}$	$\Phi_{1707}\ \Phi_{569}\ \Phi_{3}\ \Phi_{1}^{2}$
128199	1708	855	$\frac{13}{855}$	$\frac{62}{855}$	$\frac{1}{3}$	$\frac{421}{855}$	$\Phi_{855}^{2}\ \Phi_{285}^{2}\ \Phi_{171}^{2}\ \Phi_{95}^{2}\ \Phi_{57}^{2}\ \Phi_{45}^{2}\ \Phi_{19}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
128200	1708	1080	$\frac{1}{60}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{59}{120}$	$\Phi_{1080}^{3}\ \Phi_{360}^{3}\ \Phi_{216}^{3}\ \Phi_{120}^{4}\ \Phi_{72}^{3}\ \Phi_{40}^{4}\ \Phi_{27}\ \Phi_{24}^{4}\ \Phi_{9}\ \Phi_{8}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
128201	1708	120	$\frac{1}{60}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{59}{120}$	$\Phi_{120}^{28}\ \Phi_{40}^{28}\ \Phi_{24}^{28}\ \Phi_{15}^{2}\ \Phi_{8}^{28}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
128202	1708	360	$\frac{1}{60}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{59}{120}$	$\Phi_{360}^{9}\ \Phi_{120}^{10}\ \Phi_{72}^{9}\ \Phi_{40}^{10}\ \Phi_{24}^{10}\ \Phi_{9}^{3}\ \Phi_{8}^{10}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
128203	1708	120	$\frac{1}{60}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{59}{120}$	$\Phi_{120}^{12}\ \Phi_{60}^{16}\ \Phi_{40}^{13}\ \Phi_{30}^{16}\ \Phi_{24}^{12}\ \Phi_{20}^{17}\ \Phi_{15}^{16}\ \Phi_{12}^{16}\ \Phi_{10}^{17}\ \Phi_{8}^{12}\ \Phi_{6}^{16}\ \Phi_{5}^{16}\ \Phi_{4}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
128204	1708	456	$\frac{1}{57}$	$\frac{29}{456}$	$\frac{1}{3}$	$\frac{28}{57}$	$\Phi_{456}^{4}\ \Phi_{228}^{4}\ \Phi_{152}^{4}\ \Phi_{114}^{4}\ \Phi_{76}^{4}\ \Phi_{57}^{2}\ \Phi_{38}^{4}\ \Phi_{24}^{4}\ \Phi_{19}^{2}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
128205	1708	1176	$\frac{1}{49}$	$\frac{1}{8}$	$\frac{25}{147}$	$\frac{24}{49}$	$\Phi_{1176}^{2}\ \Phi_{588}^{2}\ \Phi_{392}\ \Phi_{294}^{2}\ \Phi_{196}\ \Phi_{168}^{2}\ \Phi_{98}\ \Phi_{84}^{2}\ \Phi_{56}\ \Phi_{42}^{2}\ \Phi_{28}\ \Phi_{24}^{2}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
128206	1708	2508	$\frac{9}{418}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{409}{836}$	$\Phi_{2508}^{2}\ \Phi_{228}^{2}\ \Phi_{132}^{2}\ \Phi_{57}\ \Phi_{12}^{2}$
128207	1708	450	$\frac{1}{45}$	$\frac{23}{450}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{450}^{4}\ \Phi_{225}^{4}\ \Phi_{150}^{4}\ \Phi_{90}^{4}\ \Phi_{75}^{4}\ \Phi_{50}^{4}\ \Phi_{45}^{2}\ \Phi_{30}^{4}\ \Phi_{25}^{4}\ \Phi_{18}^{4}\ \Phi_{15}^{2}\ \Phi_{10}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
128208	1708	1230	$\frac{1}{41}$	$\frac{1}{15}$	$\frac{21}{82}$	$\frac{20}{41}$	$\Phi_{1230}^{2}\ \Phi_{615}\ \Phi_{410}^{2}\ \Phi_{246}^{2}\ \Phi_{205}\ \Phi_{123}\ \Phi_{30}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}$
128209	1708	952	$\frac{3}{119}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{58}{119}$	$\Phi_{952}^{2}\ \Phi_{476}^{2}\ \Phi_{238}^{2}\ \Phi_{136}^{2}\ \Phi_{68}^{2}\ \Phi_{56}^{3}\ \Phi_{34}^{2}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
128210	1708	1665	$\frac{43}{1665}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{811}{1665}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{333}\ \Phi_{185}\ \Phi_{111}\ \Phi_{45}^{2}\ \Phi_{37}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
128211	1708	280	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{9}{70}$	$\frac{17}{35}$	$\Phi_{280}^{7}\ \Phi_{140}^{7}\ \Phi_{70}^{3}\ \Phi_{56}^{7}\ \Phi_{40}^{7}\ \Phi_{35}^{4}\ \Phi_{28}^{7}\ \Phi_{20}^{7}\ \Phi_{14}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{6}\ \Phi_{7}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
128212	1708	1653	$\frac{55}{1653}$	$\frac{2}{57}$	$\frac{1}{3}$	$\frac{799}{1653}$	$\Phi_{1653}\ \Phi_{551}\ \Phi_{87}\ \Phi_{57}^{2}\ \Phi_{29}\ \Phi_{19}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
128213	1708	189	$\frac{2}{63}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{189}^{9}\ \Phi_{63}^{10}\ \Phi_{27}^{7}\ \Phi_{21}^{10}\ \Phi_{9}^{8}\ \Phi_{7}^{10}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
128214	1708	270	$\frac{1}{30}$	$\frac{1}{27}$	$\frac{29}{90}$	$\frac{13}{27}$	$\Phi_{270}^{6}\ \Phi_{135}^{6}\ \Phi_{90}^{7}\ \Phi_{54}^{6}\ \Phi_{45}^{7}\ \Phi_{30}^{6}\ \Phi_{27}^{7}\ \Phi_{18}^{7}\ \Phi_{15}^{6}\ \Phi_{10}^{6}\ \Phi_{9}^{8}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
128215	1708	1728	$\frac{1}{27}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}^{2}\ \Phi_{48}\ \Phi_{32}^{2}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
128216	1708	2160	$\frac{1}{27}$	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{13}{27}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}^{2}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}^{2}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
128217	1708	1755	$\frac{1}{27}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{13}{27}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{117}\ \Phi_{65}^{2}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
128218	1708	675	$\frac{1}{27}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{13}{27}$	$\Phi_{675}^{3}\ \Phi_{225}^{3}\ \Phi_{75}^{4}\ \Phi_{27}\ \Phi_{25}^{4}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
128219	1708	594	$\frac{1}{27}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{13}{27}$	$\Phi_{594}^{3}\ \Phi_{297}^{3}\ \Phi_{198}^{3}\ \Phi_{99}^{3}\ \Phi_{66}^{4}\ \Phi_{33}^{4}\ \Phi_{27}\ \Phi_{22}^{4}\ \Phi_{11}^{4}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
128220	1708	216	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{13}{27}$	$\Phi_{216}^{9}\ \Phi_{108}^{6}\ \Phi_{72}^{10}\ \Phi_{54}^{6}\ \Phi_{36}^{7}\ \Phi_{27}^{7}\ \Phi_{24}^{10}\ \Phi_{18}^{7}\ \Phi_{12}^{6}\ \Phi_{9}^{8}\ \Phi_{8}^{10}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
128221	1708	1890	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{13}{27}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{210}\ \Phi_{189}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}^{2}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}^{2}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}^{2}\ \Phi_{9}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
128222	1708	1311	$\frac{10}{437}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{1311}^{2}\ \Phi_{69}^{2}\ \Phi_{57}$
128223	1708	810	$\frac{1}{45}$	$\frac{22}{405}$	$\frac{1}{3}$	$\frac{383}{810}$	$\Phi_{810}^{4}\ \Phi_{270}^{4}\ \Phi_{162}^{4}\ \Phi_{90}^{4}\ \Phi_{54}^{4}\ \Phi_{45}^{2}\ \Phi_{30}^{4}\ \Phi_{18}^{4}\ \Phi_{15}^{2}\ \Phi_{10}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
128224	1708	435	$\frac{8}{435}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{435}^{4}\ \Phi_{145}^{4}\ \Phi_{87}^{4}\ \Phi_{29}^{4}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
128225	1708	114	$\frac{1}{57}$	$\frac{4}{57}$	$\frac{1}{3}$	$\frac{53}{114}$	$\Phi_{114}^{28}\ \Phi_{57}^{2}\ \Phi_{38}^{28}\ \Phi_{19}^{2}\ \Phi_{6}^{28}\ \Phi_{3}\ \Phi_{2}^{28}\ \Phi_{1}^{2}$
128226	1708	2418	$\frac{1}{62}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{2418}\ \Phi_{1209}\ \Phi_{186}^{2}\ \Phi_{93}^{2}\ \Phi_{78}\ \Phi_{6}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
128227	1708	858	$\frac{5}{66}$	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{6}{13}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{286}^2\ \Phi_{143}\ \Phi_{78}^2\ \Phi_{66}^4\ \Phi_{39}^2\ \Phi_{33}^4\ \Phi_{26}^2\ \Phi_{22}^4\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
128228	1708	1798	$\frac{1}{62}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{1798}\ \Phi_{899}\ \Phi_{58}$
128229	1708	1539	$\frac{2}{171}$	$\frac{169}{1539}$	$\frac{1}{3}$	$\frac{685}{1539}$	$\Phi_{1539}\ \Phi_{513}\ \Phi_{171}^2\ \Phi_{81}\ \Phi_{57}^2\ \Phi_{27}\ \Phi_{19}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
128230	1708	432	$\frac{5}{432}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
128231	1708	2280	$\frac{1}{95}$	$\frac{47}{380}$	$\frac{1}{3}$	$\frac{333}{760}$	$\Phi_{2280}^2\ \Phi_{456}^2\ \Phi_{285}\ \Phi_{120}^2\ \Phi_{57}\ \Phi_{24}^2\ \Phi_{15}$
128232	1708	1707	$\frac{20}{1707}$	$\frac{241}{1707}$	$\frac{487}{1707}$	$\frac{733}{1707}$	$\Phi_{1707}\ \Phi_{569}\ \Phi_3\ \Phi_1^2$
128233	1708	855	$\frac{8}{855}$	$\frac{121}{855}$	$\frac{1}{3}$	$\frac{367}{855}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{171}^2\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{45}^2\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
128234	1708	504	$\frac{2}{63}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{72}^4\ \Phi_{56}^3\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^3\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{14}^3\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^2\ \Phi_2^2$
128235	1708	840	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{17}{105}$	$\frac{44}{105}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^3\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^3\ \Phi_{120}^2\ \Phi_{84}^2\ \Phi_{70}^3\ \Phi_{60}^2\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{28}^3\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
128236	1708	492	$\frac{1}{123}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{492}^6\ \Phi_{164}^6\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
128237	1708	324	$\frac{1}{81}$	$\frac{1}{6}$	$\frac{20}{81}$	$\frac{5}{12}$	$\Phi_{324}^9\ \Phi_{108}^9\ \Phi_{81}^3\ \Phi_{36}^9\ \Phi_{27}^3\ \Phi_{12}^{10}\ \Phi_9^3\ \Phi_4^{10}\ \Phi_3^3\ \Phi_1^4$
128238	1708	1860	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1860}^2\ \Phi_{620}^2\ \Phi_{310}\ \Phi_{155}\ \Phi_{60}\ \Phi_{20}\ \Phi_{10}$
128239	1708	252	$\frac{2}{63}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{252}^{12}\ \Phi_{84}^{12}\ \Phi_{63}^4\ \Phi_{36}^9\ \Phi_{28}^{12}\ \Phi_{21}^4\ \Phi_{12}^{10}\ \Phi_9^3\ \Phi_7^4\ \Phi_4^{10}\ \Phi_3^3\ \Phi_1^4$
128240	1708	540	$\frac{1}{27}$	$\frac{13}{135}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{540}^6\ \Phi_{180}^6\ \Phi_{135}^2\ \Phi_{108}^3\ \Phi_{60}^6\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{27}\ \Phi_{20}^6\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_9\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
128241	1708	1425	$\frac{2}{285}$	$\frac{283}{1425}$	$\frac{1}{3}$	$\frac{571}{1425}$	$\Phi_{1425}\ \Phi_{475}\ \Phi_{285}^2\ \Phi_{95}^2\ \Phi_{75}\ \Phi_{57}^2\ \Phi_{25}\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
128242	1708	1290	$\frac{3}{430}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1290}^2\ \Phi_{645}^2\ \Phi_{258}^2\ \Phi_{129}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
128243	1708	1230	$\frac{1}{123}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{1230}^2\ \Phi_{615}\ \Phi_{410}^2\ \Phi_{246}^2\ \Phi_{205}\ \Phi_{82}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
128244	1708	1000	$\frac{3}{125}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1000}^2\ \Phi_{500}^2\ \Phi_{250}^2\ \Phi_{200}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
128245	1708	392	$\frac{1}{49}$	$\frac{1}{8}$	$\frac{12}{49}$	$\frac{37}{98}$	$\Phi_{392}^5\ \Phi_{196}^5\ \Phi_{98}\ \Phi_{56}^5\ \Phi_{49}^4\ \Phi_{28}^5\ \Phi_{14}\ \Phi_8^4\ \Phi_7^4\ \Phi_4^4\ \Phi_1^4$
128246	1708	684	$\frac{1}{171}$	$\frac{85}{342}$	$\frac{1}{3}$	$\frac{257}{684}$	$\Phi_{684}^4\ \Phi_{228}^4\ \Phi_{171}^2\ \Phi_{76}^4\ \Phi_{57}^2\ \Phi_{36}^4\ \Phi_{19}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
128247	1708	2160	$\frac{5}{432}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
128248	1708	3210	$\frac{1}{107}$	$\frac{1}{5}$	$\frac{106}{321}$	$\frac{215}{642}$	$\Phi_{3210}\ \Phi_{1070}\ \Phi_{535}\ \Phi_{30}\ \Phi_{10}$
128249	1708	429	$\frac{2}{429}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{429}^4\ \Phi_{143}^4\ \Phi_{39}^4\ \Phi_{33}^4\ \Phi_{13}^4\ \Phi_{11}^4\ \Phi_3\ \Phi_1^2$
128250	1708	639	$\frac{1}{213}$	$\frac{212}{639}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{639}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
128251	1708	1704	$\frac{1}{142}$	$\frac{141}{568}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{568}^2\ \Phi_{284}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
128252	1708	369	$\frac{1}{123}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{369}^6\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
128253	1708	1065	$\frac{2}{213}$	$\frac{211}{1065}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1065}^2\ \Phi_{355}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
128254	1708	432	$\frac{5}{432}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
128255	1708	213	$\frac{1}{71}$	$\frac{10}{71}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{213}^6\ \Phi_{71}^{12}\ \Phi_3^7\ \Phi_1^{14}$
128256	1708	744	$\frac{1}{62}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{744}^2\ \Phi_{372}^2\ \Phi_{248}^4\ \Phi_{186}\ \Phi_{124}^4\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
128257	1708	315	$\frac{2}{63}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{315}^6\ \Phi_{105}^6\ \Phi_{63}^4\ \Phi_{45}^6\ \Phi_{35}^6\ \Phi_{21}^4\ \Phi_{15}^2\ \Phi_9^4\ \Phi_7^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
128258	1708	1275	$\frac{4}{425}$	$\frac{1}{5}$	$\frac{421}{1275}$	$\frac{1}{3}$	$\Phi_{1275}\ \Phi_{425}^2\ \Phi_{255}\ \Phi_{85}^2\ \Phi_{75}\ \Phi_{51}\ \Phi_{25}^2\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
128259	1708	513	$\frac{2}{171}$	$\frac{86}{513}$	$\frac{169}{513}$	$\frac{1}{3}$	$\Phi_{513}^3\ \Phi_{171}^4\ \Phi_{57}^4\ \Phi_{27}^3\ \Phi_{19}^4\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
128260	1708	1269	$\frac{8}{423}$	$\frac{1}{9}$	$\frac{415}{1269}$	$\frac{1}{3}$	$\Phi_{1269}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
128261	1708	135	$\frac{1}{45}$	$\frac{13}{135}$	$\frac{44}{135}$	$\frac{1}{3}$	$\Phi_{135}^{12}\ \Phi_{45}^{14}\ \Phi_{27}^{12}\ \Phi_{15}^{14}\ \Phi_9^{14}\ \Phi_5^{14}\ \Phi_3^{13}\ \Phi_1^{14}$
128262	1708	90	$\frac{1}{30}$	$\frac{1}{15}$	$\frac{29}{90}$	$\frac{1}{3}$	$\Phi_{90}^{28}\ \Phi_{45}^{28}\ \Phi_{18}^{28}\ \Phi_{15}^2\ \Phi_9^{28}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
128263	1708	627	$\frac{9}{209}$	$\frac{1}{19}$	$\frac{200}{627}$	$\frac{1}{3}$	$\Phi_{627}^2\ \Phi_{209}^4\ \Phi_{57}^3\ \Phi_{33}^2\ \Phi_{19}^4\ \Phi_{11}^4\ \Phi_{3}^2\ \Phi_{1}^4$
128264	1708	1215	$\frac{1}{45}$	$\frac{44}{405}$	$\frac{361}{1215}$	$\frac{1}{3}$	$\Phi_{1215}^2\ \Phi_{243}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
128265	1708	171	$\frac{1}{57}$	$\frac{8}{57}$	$\frac{49}{171}$	$\frac{1}{3}$	$\Phi_{171}^{14}\ \Phi_{57}^2\ \Phi_{19}^2\ \Phi_{9}^{14}\ \Phi_{3}\ \Phi_{1}^2$
128266	1708	432	$\frac{5}{432}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{27}^3\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_{9}^4\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^4$
128267	1708	570	$\frac{1}{95}$	$\frac{47}{190}$	$\frac{143}{570}$	$\frac{1}{3}$	$\Phi_{570}^2\ \Phi_{285}^3\ \Phi_{190}^4\ \Phi_{114}^2\ \Phi_{95}^4\ \Phi_{57}^3\ \Phi_{38}^4\ \Phi_{30}^2\ \Phi_{19}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_{6}^2\ \Phi_{5}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
128268	1708	960	$\frac{3}{64}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
128269	1708	81	$\frac{1}{81}$	$\frac{2}{9}$	$\frac{20}{81}$	$\frac{1}{3}$	$\Phi_{81}^{21}\ \Phi_{27}^{21}\ \Phi_{9}^{22}\ \Phi_{3}^{21}\ \Phi_{1}^{22}$
128270	1708	240	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{19}{80}$	$\frac{1}{3}$	$\Phi_{240}^9\ \Phi_{120}^9\ \Phi_{80}^{10}\ \Phi_{48}^9\ \Phi_{40}^{10}\ \Phi_{24}^9\ \Phi_{16}^{10}\ \Phi_{15}^2\ \Phi_{8}^{10}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
128271	1708	456	$\frac{1}{19}$	$\frac{29}{456}$	$\frac{9}{38}$	$\frac{1}{3}$	$\Phi_{456}^4\ \Phi_{228}^4\ \Phi_{152}^4\ \Phi_{114}^2\ \Phi_{76}^4\ \Phi_{57}^3\ \Phi_{38}^4\ \Phi_{24}^4\ \Phi_{19}^4\ \Phi_{12}^4\ \Phi_{8}^4\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
128272	1708	450	$\frac{23}{450}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{45}^4\ \Phi_{25}^4\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_{9}^4\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
128273	1708	2790	$\frac{1}{62}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2790}\ \Phi_{1395}\ \Phi_{310}\ \Phi_{155}\ \Phi_{90}\ \Phi_{10}$
128274	1708	486	$\frac{7}{243}$	$\frac{59}{486}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{486}^4\ \Phi_{243}^3\ \Phi_{162}^4\ \Phi_{81}^3\ \Phi_{54}^4\ \Phi_{27}^3\ \Phi_{18}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^4$
128275	1708	63	$\frac{2}{63}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{63}^{28}\ \Phi_{21}^{28}\ \Phi_{9}^{22}\ \Phi_{7}^{28}\ \Phi_{3}^{21}\ \Phi_{1}^{22}$
128276	1708	135	$\frac{1}{27}$	$\frac{13}{135}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{135}^{14}\ \Phi_{45}^{14}\ \Phi_{27}^7\ \Phi_{15}^{14}\ \Phi_{9}^8\ \Phi_{5}^{14}\ \Phi_{3}^7\ \Phi_{1}^8$
128277	1708	891	$\frac{37}{891}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{99}^2\ \Phi_{81}\ \Phi_{33}^2\ \Phi_{27}\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
128278	1708	540	$\frac{1}{45}$	$\frac{22}{135}$	$\frac{113}{540}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{54}^4\ \Phi_{45}^2\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{9}^2\ \Phi_{6}^4\ \Phi_{5}^2\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{2}^4\ \Phi_{1}^2$
128279	1708	510	$\frac{2}{85}$	$\frac{83}{510}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{510}^4\ \Phi_{255}^2\ \Phi_{170}^4\ \Phi_{102}^4\ \Phi_{85}^4\ \Phi_{51}^2\ \Phi_{34}^4\ \Phi_{30}^4\ \Phi_{17}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
128280	1708	375	$\frac{3}{125}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{375}^7\ \Phi_{75}^6\ \Phi_{15}^7\ \Phi_{3}^6$
128281	1708	2520	$\frac{2}{63}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{90}\ \Phi_{70}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
128282	1708	2805	$\frac{4}{85}$	$\frac{81}{935}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2805}\ \Phi_{561}\ \Phi_{165}\ \Phi_{33}\ \Phi_{15}$
128283	1708	450	$\frac{23}{450}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^2\ \Phi_{50}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{5}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
128284	1708	195	$\frac{4}{65}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{195}^9\ \Phi_{65}^{10}\ \Phi_{39}^9\ \Phi_{15}^2\ \Phi_{13}^{10}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
128285	1708	75	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{1}{3}$	$\Phi_{75}^{28}\ \Phi_{25}^{28}\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
128286	1708	3135	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{191}{1045}$	$\frac{1}{3}$	$\Phi_{3135}\ \Phi_{285}\ \Phi_{165}\ \Phi_{57}\ \Phi_{15}$
128287	1708	330	$\frac{1}{15}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{330}^6\ \Phi_{165}^6\ \Phi_{110}^6\ \Phi_{66}^4\ \Phi_{55}^6\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{15}^2\ \Phi_{11}^4\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
128288	1708	360	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{3}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^6\ \Phi_{90}^6\ \Phi_{72}^4\ \Phi_{45}^6\ \Phi_{40}^6\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_{9}^4\ \Phi_{8}^4\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
128289	1708	135	$\frac{1}{15}$	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{135}^{14}\ \Phi_{45}^{14}\ \Phi_{27}^{14}\ \Phi_{15}^2\ \Phi_{9}^{14}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
128290	1708	210	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{3}$	$\Phi_{210}^9\ \Phi_{105}^9\ \Phi_{70}^{10}\ \Phi_{42}^9\ \Phi_{35}^{10}\ \Phi_{21}^9\ \Phi_{15}^2\ \Phi_{14}^{10}\ \Phi_{7}^{10}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
128291	1708	264	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{264}^7\ \Phi_{132}^7\ \Phi_{88}^8\ \Phi_{66}^8\ \Phi_{44}^8\ \Phi_{33}^4\ \Phi_{24}^8\ \Phi_{22}^4\ \Phi_{12}^8\ \Phi_{11}^4\ \Phi_{8}^8\ \Phi_{6}^4\ \Phi_{4}^8\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
128292	1708	480	$\frac{1}{15}$	$\frac{53}{480}$	$\frac{7}{60}$	$\frac{1}{3}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{15}^2\ \Phi_{8}^4\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
128293	1708	3180	$\frac{3}{212}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{209}{636}$	$\Phi_{3180}\ \Phi_{1590}\ \Phi_{795}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
128294	1708	2520	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{71}{315}$	$\frac{34}{105}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}\ \Phi_{14}\ \Phi_{10}$
128295	1708	90	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{29}{90}$	$\Phi_{90}^{19}\ \Phi_{45}^{19}\ \Phi_{30}^{18}\ \Phi_{18}^{19}\ \Phi_{15}^{18}\ \Phi_{10}^{18}\ \Phi_{9}^{22}\ \Phi_{6}^{18}\ \Phi_{5}^{18}\ \Phi_{3}^{21}\ \Phi_{2}^{18}\ \Phi_{1}^{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
128296	1708	360	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{29}{90}$	$\Phi_{360}^8\ \Phi_{180}^8\ \Phi_{90}^4\ \Phi_{72}^8\ \Phi_{45}^4\ \Phi_{40}\ \Phi_{36}^8\ \Phi_{20}\ \Phi_{18}^4\ \Phi_{10}\ \Phi_9^4$
128297	1708	2856	$\frac{6}{119}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{113}{357}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{408}\ \Phi_{204}\ \Phi_{168}\ \Phi_{102}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
128298	1708	2040	$\frac{11}{255}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{40}\ \Phi_{34}\ \Phi_{20}\ \Phi_{10}$
128299	1708	472	$\frac{3}{59}$	$\frac{45}{472}$	$\frac{14}{59}$	$\frac{1}{4}$	$\Phi_{472}^4\ \Phi_{236}^3\ \Phi_{118}^3\ \Phi_{59}^4\ \Phi_8^4\ \Phi_4^2\ \Phi_2^2\ \Phi_1^4$
128300	1708	576	$\frac{3}{64}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{64}^4\ \Phi_{48}^3\ \Phi_{32}^4\ \Phi_{24}^3\ \Phi_{16}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
128301	1708	320	$\frac{3}{64}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{320}^7\ \Phi_{160}^7\ \Phi_{80}^7\ \Phi_{40}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^4$
128302	1708	720	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{19}{80}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{144}^3\ \Phi_{120}^3\ \Phi_{80}^4\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{40}^4\ \Phi_{24}^3\ \Phi_{16}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
128303	1708	80	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{19}{80}$	$\Phi_{80}^{28}\ \Phi_{40}^{13}\ \Phi_{20}^{17}\ \Phi_{16}^{28}\ \Phi_{10}^{17}\ \Phi_8^{12}\ \Phi_5^{16}\ \Phi_4^{16}\ \Phi_2^{16}\ \Phi_1^{16}$
128304	1708	585	$\frac{4}{65}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{585}^3\ \Phi_{195}^3\ \Phi_{117}^3\ \Phi_{65}^4\ \Phi_{39}^3\ \Phi_{13}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
128305	1708	225	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{14}{75}$	$\frac{2}{9}$	$\Phi_{225}^9\ \Phi_{75}^{10}\ \Phi_{25}^{10}\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
128306	1708	198	$\frac{5}{66}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{2}{9}$	$\Phi_{198}^9\ \Phi_{99}^9\ \Phi_{66}^{10}\ \Phi_{33}^{10}\ \Phi_{22}^{10}\ \Phi_{11}^{10}\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
128307	1708	72	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{72}$	$\frac{2}{9}$	$\Phi_{72}^{28}\ \Phi_{36}^{19}\ \Phi_{24}^{28}\ \Phi_{18}^{19}\ \Phi_{12}^{18}\ \Phi_9^{22}\ \Phi_8^{28}\ \Phi_6^{18}\ \Phi_4^{18}\ \Phi_3^{21}\ \Phi_2^{18}\ \Phi_1^{22}$
128308	1708	630	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{70}$	$\frac{2}{9}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{126}^3\ \Phi_{105}^3\ \Phi_{70}^4\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{35}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_9^3\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
128309	1708	520	$\frac{4}{65}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{520}^4\ \Phi_{260}^4\ \Phi_{130}^4\ \Phi_{104}^4\ \Phi_{52}^4\ \Phi_{40}\ \Phi_{26}^4\ \Phi_{20}\ \Phi_{10}$
128310	1708	600	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{14}{75}$	$\frac{1}{5}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{200}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
128311	1708	1320	$\frac{5}{66}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{440}^2\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
128312	1708	360	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{72}$	$\frac{1}{5}$	$\Phi_{360}^7\ \Phi_{180}^7\ \Phi_{120}^3\ \Phi_{90}^7\ \Phi_{60}^4\ \Phi_{45}^7\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{10}^5\ \Phi_5^4$
128313	1708	1080	$\frac{13}{135}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{10}$
128314	1708	280	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{70}$	$\frac{1}{5}$	$\Phi_{280}^8\ \Phi_{140}^8\ \Phi_{70}^4\ \Phi_{56}^8\ \Phi_{40}\ \Phi_{35}^4\ \Phi_{28}^8\ \Phi_{20}\ \Phi_{14}^4\ \Phi_{10}\ \Phi_7^4$
128315	1709	3408	$\frac{5}{1704}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1699}{3408}$	$\Phi_{3408}\ \Phi_{1136}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
128316	1709	2928	$\frac{1}{244}$	$\frac{245}{1464}$	$\frac{1219}{2928}$	$\frac{243}{488}$	$\Phi_{2928}\ \Phi_{976}\ \Phi_{488}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
128317	1709	3392	$\frac{13}{1696}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1683}{3392}$	$\Phi_{3392}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
128318	1709	3360	$\frac{29}{1680}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{1651}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{56}\ \Phi_{32}\ \Phi_8\ \Phi_1$
128319	1709	3360	$\frac{29}{1680}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1651}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{42}\ \Phi_{32}\ \Phi_{21}\ \Phi_6\ \Phi_3\ \Phi_1$
128320	1709	3360	$\frac{29}{1680}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1651}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{35}\ \Phi_{32}\ \Phi_5\ \Phi_1$
128321	1709	2058	$\frac{6}{343}$	$\frac{1}{7}$	$\frac{349}{2058}$	$\frac{337}{686}$	$\Phi_{2058}\ \Phi_{1029}\ \Phi_{343}\ \Phi_{294}\ \Phi_{147}\ \Phi_{49}\ \Phi_{42}\ \Phi_{21}\ \Phi_6\ \Phi_3\ \Phi_1$
128322	1709	2296	$\frac{13}{574}$	$\frac{1}{14}$	$\frac{587}{2296}$	$\frac{561}{1148}$	$\Phi_{2296}\ \Phi_{574}\ \Phi_{328}\ \Phi_{287}\ \Phi_{82}\ \Phi_{56}\ \Phi_{41}\ \Phi_8\ \Phi_1$
128323	1709	1960	$\frac{6}{245}$	$\frac{251}{1960}$	$\frac{1}{7}$	$\frac{239}{490}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{56}\ \Phi_{49}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
128324	1709	3332	$\frac{43}{1666}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1623}{3332}$	$\Phi_{3332}\ \Phi_{476}\ \Phi_{196}\ \Phi_{68}\ \Phi_{49}\ \Phi_{28}\ \Phi_4\ \Phi_1$
128325	1709	2520	$\frac{29}{840}$	$\frac{1}{28}$	$\frac{811}{2520}$	$\frac{27}{56}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
128326	1709	1792	$\frac{1}{28}$	$\frac{83}{1792}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{128}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_8\ \Phi_1$
128327	1709	2240	$\frac{1}{28}$	$\frac{29}{560}$	$\frac{531}{2240}$	$\frac{27}{56}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_8\ \Phi_1$
128328	1709	1848	$\frac{1}{28}$	$\frac{139}{1848}$	$\frac{29}{168}$	$\frac{27}{56}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}\ \Phi_{77}\ \Phi_{66}\ \Phi_{56}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
128329	1709	2016	$\frac{1}{28}$	$\frac{29}{336}$	$\frac{307}{2016}$	$\frac{27}{56}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
128330	1709	1960	$\frac{1}{28}$	$\frac{29}{280}$	$\frac{251}{1960}$	$\frac{27}{56}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{245}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
128331	1709	1764	$\frac{55}{1764}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{49}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
128332	1709	2940	$\frac{6}{245}$	$\frac{1}{7}$	$\frac{239}{1470}$	$\frac{1231}{2940}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{49}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
128333	1709	2928	$\frac{1}{122}$	$\frac{245}{1464}$	$\frac{121}{366}$	$\frac{1219}{2928}$	$\Phi_{2928}\ \Phi_{976}\ \Phi_{366}\ \Phi_{183}\ \Phi_{48}\ \Phi_{16}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
128334	1709	1750	$\frac{41}{1750}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{1750}\ \Phi_{875}\ \Phi_{350}\ \Phi_{250}\ \Phi_{175}\ \Phi_{125}\ \Phi_{50}\ \Phi_{35}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}$
128335	1709	1728	$\frac{19}{1728}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
128336	1709	2440	$\frac{1}{122}$	$\frac{121}{610}$	$\frac{731}{2440}$	$\frac{489}{1220}$	$\Phi_{2440}\ \Phi_{610}\ \Phi_{488}\ \Phi_{305}\ \Phi_{40}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
128337	1709	2744	$\frac{6}{343}$	$\frac{1}{7}$	$\frac{337}{1372}$	$\frac{1035}{2744}$	$\Phi_{2744}\ \Phi_{392}\ \Phi_{343}\ \Phi_{56}\ \Phi_{49}\ \Phi_{8}\ \Phi_{1}$
128338	1709	2272	$\frac{5}{568}$	$\frac{563}{2272}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2272}\ \Phi_{1136}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
128339	1709	1728	$\frac{19}{1728}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
128340	1709	1764	$\frac{55}{1764}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{63}\ \Phi_{49}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
128341	1709	2196	$\frac{1}{122}$	$\frac{487}{2196}$	$\frac{121}{366}$	$\frac{245}{732}$	$\Phi_{2196}\ \Phi_{1098}\ \Phi_{549}\ \Phi_{366}\ \Phi_{183}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
128342	1709	2568	$\frac{3}{428}$	$\frac{1}{4}$	$\frac{425}{1284}$	$\frac{859}{2568}$	$\Phi_{2568}\ \Phi_{856}\ \Phi_{428}\ \Phi_{214}\ \Phi_{107}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
128343	1709	2544	$\frac{13}{848}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{835}{2544}$	$\Phi_{2544}\ \Phi_{1272}\ \Phi_{636}\ \Phi_{318}\ \Phi_{159}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
128344	1709	2205	$\frac{6}{245}$	$\frac{1}{7}$	$\frac{496}{2205}$	$\frac{239}{735}$	$\Phi_{2205}\ \Phi_{441}\ \Phi_{315}\ \Phi_{245}\ \Phi_{63}\ \Phi_{49}\ \Phi_{45}\ \Phi_{35}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
128345	1709	2520	$\frac{29}{840}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{811}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
128346	1709	2520	$\frac{29}{840}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{811}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{18}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
128347	1709	2499	$\frac{43}{833}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{790}{2499}$	$\Phi_{2499}\ \Phi_{357}\ \Phi_{147}\ \Phi_{51}\ \Phi_{49}\ \Phi_{21}\ \Phi_{3}\ \Phi_{1}$
128348	1709	2100	$\frac{29}{420}$	$\frac{1}{14}$	$\frac{391}{2100}$	$\frac{13}{42}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{42}\ \Phi_{25}\ \Phi_{21}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
128349	1709	1848	$\frac{1}{14}$	$\frac{139}{1848}$	$\frac{29}{168}$	$\frac{13}{42}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{22}\ \Phi_{21}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
128350	1709	2016	$\frac{1}{14}$	$\frac{29}{336}$	$\frac{307}{2016}$	$\frac{13}{42}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
128351	1709	1890	$\frac{1}{14}$	$\frac{181}{1890}$	$\frac{29}{210}$	$\frac{13}{42}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{54}\ \Phi_{45}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
128352	1709	1785	$\frac{76}{1785}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{85}\ \Phi_{51}\ \Phi_{35}\ \Phi_{17}\ \Phi_{5}\ \Phi_{1}$
128353	1709	2240	$\frac{29}{560}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{531}{2240}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{64}\ \Phi_{35}\ \Phi_{32}\ \Phi_{5}\ \Phi_{1}$
128354	1709	1820	$\frac{111}{1820}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{140}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{182}\ \Phi_{130}\ \Phi_{91}\ \Phi_{65}\ \Phi_{52}\ \Phi_{35}\ \Phi_{26}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}$
128355	1709	2100	$\frac{29}{420}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{391}{2100}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{35}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}$
128356	1709	1890	$\frac{181}{1890}$	$\frac{29}{210}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{54}\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
128357	1709	1960	$\frac{29}{280}$	$\frac{251}{1960}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{245}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{35}\ \Phi_{5}\ \Phi_{1}$
128358	1710	2728	$\frac{1}{341}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{170}{341}$	$\Phi_{2728}\ \Phi_{341}\ \Phi_{248}\ \Phi_{88}\ \Phi_{31}\ \Phi_{11}\ \Phi_{8}^2\ \Phi_{1}^2$
128359	1710	2840	$\frac{1}{284}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{283}{568}$	$\Phi_{2840}\ \Phi_{568}^2\ \Phi_{40}\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{1}^2$
128360	1710	1704	$\frac{1}{284}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{283}{568}$	$\Phi_{1704}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_{6}$
128361	1710	3024	$\frac{1}{189}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{94}{189}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{189}\ \Phi_{144}\ \Phi_{112}\ \Phi_{63}\ \Phi_{48}\ \Phi_{27}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^2$
128362	1710	756	$\frac{1}{189}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{94}{189}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^3\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}^3\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^3\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{9}^3\ \Phi_{7}^3\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
128363	1710	3060	$\frac{1}{170}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{169}{340}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}^2\ \Phi_{204}\ \Phi_{180}\ \Phi_{68}^2\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
128364	1710	1020	$\frac{1}{170}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{169}{340}$	$\Phi_{1020}^3\ \Phi_{340}^4\ \Phi_{204}^3\ \Phi_{68}^4\ \Phi_{60}^3\ \Phi_{20}^4\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
128365	1710	1709	$\frac{13}{1709}$	$\frac{287}{1709}$	$\frac{474}{1709}$	$\frac{848}{1709}$	$\Phi_{1709}\ \Phi_1^2$
128366	1710	5088	$\frac{7}{848}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{841}{1696}$	$\Phi_{5088}\ \Phi_{96}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
128367	1710	2284	$\frac{5}{571}$	$\frac{96}{571}$	$\frac{1}{4}$	$\frac{283}{571}$	$\Phi_{2284}\ \Phi_{1142}$
128368	1710	3164	$\frac{1}{113}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{56}{113}$	$\Phi_{3164}\ \Phi_{452}\ \Phi_{113}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
128369	1710	791	$\frac{1}{113}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{56}{113}$	$\Phi_{791}^2\ \Phi_{113}^3\ \Phi_7^4\ \Phi_1^6$
128370	1710	1356	$\frac{1}{113}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{56}{113}$	$\Phi_{1356}^2\ \Phi_{678}\ \Phi_{452}\ \Phi_{339}\ \Phi_{113}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
128371	1710	3196	$\frac{1}{94}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{93}{188}$	$\Phi_{3196}\ \Phi_{188}^2\ \Phi_{68}\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
128372	1710	2820	$\frac{1}{94}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{93}{188}$	$\Phi_{2820}^2\ \Phi_{564}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
128373	1710	3196	$\frac{1}{94}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{93}{188}$	$\Phi_{3196}\ \Phi_{188}^2\ \Phi_{68}\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
128374	1710	1316	$\frac{1}{94}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{93}{188}$	$\Phi_{1316}\ \Phi_{658}^2\ \Phi_{329}^2\ \Phi_{28}^2\ \Phi_{14}^3\ \Phi_7^2$
128375	1710	3204	$\frac{1}{89}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{44}{89}$	$\Phi_{3204}\ \Phi_{1068}\ \Phi_{356}\ \Phi_{89}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
128376	1710	1869	$\frac{1}{89}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{44}{89}$	$\Phi_{1869}\ \Phi_{623}\ \Phi_{89}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
128377	1710	2403	$\frac{1}{89}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{44}{89}$	$\Phi_{2403}\ \Phi_{89}\ \Phi_{27}^2\ \Phi_1^2$
128378	1710	2136	$\frac{1}{89}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{44}{89}$	$\Phi_{2136}\ \Phi_{1068}\ \Phi_{712}\ \Phi_{356}\ \Phi_{89}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
128379	1710	1709	$\frac{21}{1709}$	$\frac{173}{1709}$	$\frac{512}{1709}$	$\frac{844}{1709}$	$\Phi_{1709}\ \Phi_1^2$
128380	1710	2058	$\frac{5}{343}$	$\frac{1}{6}$	$\frac{58}{343}$	$\frac{169}{343}$	$\Phi_{2058}\ \Phi_{1029}\ \Phi_{686}\ \Phi_{294}\ \Phi_{147}\ \Phi_{98}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
128381	1710	1709	$\frac{25}{1709}$	$\frac{284}{1709}$	$\frac{289}{1709}$	$\frac{842}{1709}$	$\Phi_{1709}\ \Phi_1^2$
128382	1710	2284	$\frac{9}{571}$	$\frac{58}{571}$	$\frac{1}{4}$	$\frac{281}{571}$	$\Phi_{2284}\ \Phi_{1142}$
128383	1710	3248	$\frac{1}{56}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{55}{112}$	$\Phi_{3248}\ \Phi_{464}\ \Phi_{112}^2\ \Phi_{29}\ \Phi_{16}^2\ \Phi_1^2$
128384	1710	336	$\frac{1}{56}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{55}{112}$	$\Phi_{336}^7\ \Phi_{168}^8\ \Phi_{84}^8\ \Phi_{48}^8\ \Phi_{42}^8\ \Phi_{24}^9\ \Phi_{21}^8\ \Phi_{12}^9\ \Phi_6^9\ \Phi_3^8$
128385	1710	3248	$\frac{1}{56}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{55}{112}$	$\Phi_{3248}\ \Phi_{464}\ \Phi_{112}^2\ \Phi_{29}\ \Phi_{16}^2\ \Phi_1^2$
128386	1710	1232	$\frac{1}{56}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{55}{112}$	$\Phi_{1232}^3\ \Phi_{176}^3\ \Phi_{44}\ \Phi_{22}$
128387	1710	3248	$\frac{1}{56}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{55}{112}$	$\Phi_{3248}\ \Phi_{464}\ \Phi_{112}^2\ \Phi_{29}\ \Phi_{16}^2\ \Phi_1^2$
128388	1710	336	$\frac{1}{56}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{55}{112}$	$\Phi_{336}^{12}\ \Phi_{112}^6\ \Phi_{48}^{12}\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}^6\ \Phi_{14}$
128389	1710	588	$\frac{1}{49}$	$\frac{25}{196}$	$\frac{1}{6}$	$\frac{24}{49}$	$\Phi_{588}^4\ \Phi_{294}^3\ \Phi_{196}^2\ \Phi_{147}^3\ \Phi_{98}\ \Phi_{84}^4\ \Phi_{49}^2\ \Phi_{42}^3\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{14}\ \Phi_{12}^4\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
128390	1710	3534	$\frac{2}{93}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{91}{186}$	$\Phi_{3534}\ \Phi_{1178}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
128391	1710	3256	$\frac{1}{44}$	$\frac{1}{37}$	$\frac{18}{37}$	$\frac{43}{88}$	$\Phi_{3256}\ \Phi_{296}\ \Phi_{88}^2\ \Phi_{37}\ \Phi_8^2\ \Phi_1^2$
128392	1710	1320	$\frac{1}{44}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{1320}^4\ \Phi_{264}^3\ \Phi_{120}^4\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
128393	1710	814	$\frac{1}{37}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{18}{37}$	$\Phi_{814}^2\ \Phi_{407}^2\ \Phi_{74}^2\ \Phi_{37}^3\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_2^4\ \Phi_1^6$
128394	1710	592	$\frac{1}{37}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{18}{37}$	$\Phi_{592}^3\ \Phi_{296}^3\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{37}^3\ \Phi_{16}^6\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
128395	1710	407	$\frac{1}{37}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{18}{37}$	$\Phi_{407}^4\ \Phi_{37}^5\ \Phi_{11}^8\ \Phi_1^{10}$
128396	1710	1110	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{18}{37}$	$\Phi_{1110}^2\ \Phi_{555}^2\ \Phi_{370}\ \Phi_{222}\ \Phi_{185}\ \Phi_{111}\ \Phi_{37}\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
128397	1710	2432	$\frac{1}{32}$	$\frac{1}{19}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{2432}\ \Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
128398	1710	3496	$\frac{3}{92}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{89}{184}$	$\Phi_{3496}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
128399	1710	812	$\frac{1}{29}$	$\frac{1}{28}$	$\frac{9}{28}$	$\frac{14}{29}$	$\Phi_{812}^2\ \Phi_{406}^2\ \Phi_{203}^2\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_7^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
128400	1710	580	$\frac{1}{29}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{580}^3\ \Phi_{290}^3\ \Phi_{145}^3\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_{20}^6\ \Phi_{10}^6\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
128401	1710	2030	$\frac{1}{29}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{14}{29}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{290}\ \Phi_{145}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{29}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
128402	1710	609	$\frac{1}{29}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{14}{29}$	$\Phi_{609}^3\ \Phi_{203}^2\ \Phi_{87}^3\ \Phi_{29}^3\ \Phi_{21}^6\ \Phi_7^4\ \Phi_3^6\ \Phi_1^6$
128403	1710	1856	$\frac{1}{29}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{14}{29}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{464}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{29}\ \Phi_{16}^2\ \Phi_1^2$
128404	1710	1709	$\frac{59}{1709}$	$\frac{61}{1709}$	$\frac{550}{1709}$	$\frac{824}{1709}$	$\Phi_{1709}\ \Phi_1^2$
128405	1710	880	$\frac{2}{55}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{53}{110}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{80}^3\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{11}^2$ $\Phi_{10}\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
128406	1710	770	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{53}{110}$	$\Phi_{770}^5\ \Phi_{154}^5\ \Phi_{77}\ \Phi_{70}^5\ \Phi_{14}^5$
128407	1710	728	$\frac{1}{26}$	$\frac{9}{104}$	$\frac{1}{7}$	$\frac{25}{52}$	$\Phi_{728}^3\ \Phi_{364}^2\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{56}^3\ \Phi_{28}^2\ \Phi_{14}^3\ \Phi_7^2$
128408	1710	1709	$\frac{73}{1709}$	$\frac{99}{1709}$	$\frac{322}{1709}$	$\frac{818}{1709}$	$\Phi_{1709}\ \Phi_1^2$
128409	1710	368	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{4}{23}$	$\frac{11}{23}$	$\Phi_{368}^5\ \Phi_{184}^5\ \Phi_{92}^5\ \Phi_{46}^5\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4$
128410	1710	182	$\frac{4}{91}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{87}{182}$	$\Phi_{182}^{18}\ \Phi_{91}\ \Phi_{26}^{18}\ \Phi_{14}^{18}\ \Phi_2^{18}$
128411	1710	1709	$\frac{47}{1709}$	$\frac{77}{1709}$	$\frac{554}{1709}$	$\frac{816}{1709}$	$\Phi_{1709}\ \Phi_1^2$
128412	1710	308	$\frac{1}{22}$	$\frac{23}{308}$	$\frac{1}{7}$	$\frac{21}{44}$	$\Phi_{308}^5\ \Phi_{154}^6\ \Phi_{77}^6\ \Phi_{44}^6\ \Phi_{28}^5\ \Phi_{22}^6\ \Phi_{14}^6\ \Phi_{11}^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
128413	1710	1910	$\frac{9}{191}$	$\frac{1}{10}$	$\frac{20}{191}$	$\frac{91}{191}$	$\Phi_{1910}\ \Phi_{955}\ \Phi_{382}$
128414	1710	1709	$\frac{81}{1709}$	$\frac{170}{1709}$	$\frac{179}{1709}$	$\frac{814}{1709}$	$\Phi_{1709}\ \Phi_1^2$
128415	1710	2058	$\frac{17}{343}$	$\frac{20}{343}$	$\frac{1}{6}$	$\frac{163}{343}$	$\Phi_{2058}\ \Phi_{1029}\ \Phi_{686}\ \Phi_{294}\ \Phi_{147}\ \Phi_{98}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
128416	1710	1709	$\frac{85}{1709}$	$\frac{94}{1709}$	$\frac{299}{1709}$	$\frac{812}{1709}$	$\Phi_{1709}\ \Phi_1^2$
128417	1710	2284	$\frac{20}{571}$	$\frac{29}{571}$	$\frac{1}{4}$	$\frac{271}{571}$	$\Phi_{2284}\ \Phi_{1142}$
128418	1710	1820	$\frac{1}{20}$	$\frac{5}{91}$	$\frac{16}{91}$	$\frac{43}{91}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{182}\ \Phi_{140}\ \Phi_{130}\ \Phi_{70}\ \Phi_{65}\ \Phi_{52}$ $\Phi_{35}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$
128419	1710	828	$\frac{1}{46}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{828}^4\ \Phi_{276}^4\ \Phi_{138}\ \Phi_{92}^4\ \Phi_{69}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
128420	1710	3204	$\frac{2}{89}$	$\frac{1}{18}$	$\frac{29}{89}$	$\frac{17}{36}$	$\Phi_{3204}\ \Phi_{1068}\ \Phi_{356}\ \Phi_{89}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
128421	1710	1116	$\frac{1}{31}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{1116}\ \Phi_{558}^2\ \Phi_{372}\ \Phi_{279}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{93}^2\ \Phi_{62}^3\ \Phi_{31}^2$
128422	1710	3204	$\frac{4}{89}$	$\frac{1}{18}$	$\frac{17}{89}$	$\frac{17}{36}$	$\Phi_{3204}\ \Phi_{1068}\ \Phi_{356}\ \Phi_{89}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
128423	1710	684	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{684}^5\ \Phi_{228}^5\ \Phi_{114}\ \Phi_{76}^5\ \Phi_{57}\ \Phi_{38}$
128424	1710	3204	$\frac{1}{18}$	$\frac{5}{89}$	$\frac{14}{89}$	$\frac{17}{36}$	$\Phi_{3204}\ \Phi_{1068}\ \Phi_{356}\ \Phi_{89}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
128425	1710	1008	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{17}{36}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{112}^3\ \Phi_{84}\ \Phi_{63}^2\ \Phi_{56}^3\ \Phi_{42}^2$ $\Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2$
128426	1710	3204	$\frac{1}{18}$	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{17}{36}$	$\Phi_{3204}\ \Phi_{1068}\ \Phi_{356}\ \Phi_{89}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
128427	1710	1980	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{17}{36}$	$\Phi_{1980}^2\ \Phi_{660}^2\ \Phi_{396}\ \Phi_{220}^2\ \Phi_{132}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
128428	1710	2397	$\frac{1}{47}$	$\frac{1}{17}$	$\frac{46}{141}$	$\frac{8}{17}$	$\Phi_{2397}\ \Phi_{141}^2\ \Phi_{51}\ \Phi_{17}\ \Phi_3^2\ \Phi_1^2$
128429	1710	799	$\frac{2}{47}$	$\frac{1}{17}$	$\frac{9}{47}$	$\frac{8}{17}$	$\Phi_{799}^2\ \Phi_{47}^4\ \Phi_{17}^3\ \Phi_1^6$
128430	1710	1020	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}\ \Phi_{255}^2\ \Phi_{204}^2\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}^4\ \Phi_{51}$ $\Phi_{30}^4\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
128431	1710	1709	$\frac{74}{1709}$	$\frac{109}{1709}$	$\frac{303}{1709}$	$\frac{800}{1709}$	$\Phi_{1709}\ \Phi_1^2$
128432	1710	2284	$\frac{16}{571}$	$\frac{37}{571}$	$\frac{1}{4}$	$\frac{267}{571}$	$\Phi_{2284}\ \Phi_{1142}$
128433	1710	2436	$\frac{1}{58}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{2436}^2\ \Phi_{348}^2\ \Phi_{174}\ \Phi_{87}\ \Phi_{84}\ \Phi_{12}\ \Phi_6$
128434	1710	3164	$\frac{2}{113}$	$\frac{1}{14}$	$\frac{37}{113}$	$\frac{13}{28}$	$\Phi_{3164}\ \Phi_{452}\ \Phi_{113}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
128435	1710	1092	$\frac{1}{39}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{1092}\ \Phi_{546}^2\ \Phi_{364}\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{156}^2\ \Phi_{91}^2\ \Phi_{84}\ \Phi_{78}^3\ \Phi_{52}^2\ \Phi_{42}^2$ $\Phi_{39}^2\ \Phi_{26}^3\ \Phi_{21}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
128436	1710	3164	$\frac{5}{113}$	$\frac{1}{14}$	$\frac{18}{113}$	$\frac{13}{28}$	$\Phi_{3164}\ \Phi_{452}\ \Phi_{113}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
128437	1710	140	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{140}^{13}\ \Phi_{70}^{13}\ \Phi_{35}^{13}\ \Phi_{28}^7\ \Phi_{20}^{12}\ \Phi_{14}^{13}\ \Phi_{10}^{12}\ \Phi_7^{12}\ \Phi_5^{12}\ \Phi_4^6\ \Phi_2^{12}\ \Phi_1^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
128438	1710	598	$\frac{1}{46}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{598}^3\ \Phi_{299}^3\ \Phi_{46}^2\ \Phi_{26}\ \Phi_{23}^2\ \Phi_{13}^2\ \Phi_1^2$
128439	1710	260	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{6}{13}$	$\Phi_{260}^7\ \Phi_{130}^7\ \Phi_{65}^7\ \Phi_{52}^5\ \Phi_{26}^5\ \Phi_{20}^6\ \Phi_{13}^6\ \Phi_{10}^6\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
128440	1710	1232	$\frac{1}{22}$	$\frac{7}{88}$	$\frac{1}{7}$	$\frac{81}{176}$	$\Phi_{1232}^3\ \Phi_{154}\ \Phi_{112}^3\ \Phi_{77}\ \Phi_{14}$
128441	1710	3344	$\frac{1}{19}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{81}{176}$	$\Phi_{3344}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
128442	1710	1709	$\frac{49}{1709}$	$\frac{153}{1709}$	$\frac{332}{1709}$	$\frac{778}{1709}$	$\Phi_{1709}\ \Phi_1^2$
128443	1710	728	$\frac{1}{26}$	$\frac{5}{52}$	$\frac{1}{7}$	$\frac{47}{104}$	$\Phi_{728}^5\ \Phi_{182}\ \Phi_{91}\ \Phi_{56}^5\ \Phi_{14}$
128444	1710	1820	$\frac{1}{20}$	$\frac{9}{91}$	$\frac{10}{91}$	$\frac{41}{91}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{182}\ \Phi_{140}\ \Phi_{130}\ \Phi_{70}\ \Phi_{65}\ \Phi_{52}\ \Phi_{35}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$
128445	1710	1709	$\frac{80}{1709}$	$\frac{181}{1709}$	$\frac{189}{1709}$	$\frac{764}{1709}$	$\Phi_{1709}\ \Phi_1^2$
128446	1710	2058	$\frac{10}{343}$	$\frac{37}{343}$	$\frac{1}{6}$	$\frac{153}{343}$	$\Phi_{2058}\ \Phi_{1029}\ \Phi_{686}\ \Phi_{294}\ \Phi_{147}\ \Phi_{98}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
128447	1710	765	$\frac{1}{85}$	$\frac{1}{9}$	$\frac{28}{85}$	$\frac{4}{9}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^2\ \Phi_{85}^4\ \Phi_{51}^2\ \Phi_{45}^2\ \Phi_{17}^4\ \Phi_{15}^2\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^6$
128448	1710	1044	$\frac{1}{58}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1044}^2\ \Phi_{522}\ \Phi_{348}^2\ \Phi_{261}\ \Phi_{174}\ \Phi_{116}^4\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{36}\ \Phi_{29}^2\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
128449	1710	1575	$\frac{4}{175}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}^2\ \Phi_{105}\ \Phi_{75}\ \Phi_{63}\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{21}\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
128450	1710	612	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{11}{68}$	$\frac{4}{9}$	$\Phi_{612}^3\ \Phi_{306}^2\ \Phi_{204}^3\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{68}^6\ \Phi_{51}^2\ \Phi_{36}^3\ \Phi_{34}^4\ \Phi_{18}^2\ \Phi_{17}^4\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^2\ \Phi_4^6\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
128451	1710	765	$\frac{4}{85}$	$\frac{9}{85}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^2\ \Phi_{85}^4\ \Phi_{51}^2\ \Phi_{45}^2\ \Phi_{17}^4\ \Phi_{15}^2\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^6$
128452	1710	180	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{180}^9\ \Phi_{90}^8\ \Phi_{60}^9\ \Phi_{45}^8\ \Phi_{36}^9\ \Phi_{30}^8\ \Phi_{20}^{18}\ \Phi_{18}^8\ \Phi_{15}^8\ \Phi_{12}^9\ \Phi_{10}^{16}\ \Phi_9^9\ \Phi_6^8\ \Phi_5^{16}\ \Phi_4^{18}\ \Phi_3^9\ \Phi_2^{16}\ \Phi_1^{18}$
128453	1710	1683	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}^2\ \Phi_{99}\ \Phi_{33}\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
128454	1710	96	$\frac{1}{96}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{96}^{18}\ \Phi_{48}^{17}\ \Phi_{32}^{18}\ \Phi_{24}^{18}\ \Phi_{16}^{18}\ \Phi_{12}^{18}\ \Phi_8^{18}\ \Phi_6^{18}\ \Phi_4^{18}\ \Phi_3^{17}\ \Phi_2^{18}\ \Phi_1^{18}$
128455	1710	1008	$\frac{1}{63}$	$\frac{1}{8}$	$\frac{31}{126}$	$\frac{7}{16}$	$\Phi_{1008}^3\ \Phi_{336}^3\ \Phi_{144}^3\ \Phi_{126}^2\ \Phi_{112}^3\ \Phi_{63}\ \Phi_{48}^3\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_9\ \Phi_7\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
128456	1710	3024	$\frac{4}{189}$	$\frac{1}{8}$	$\frac{37}{189}$	$\frac{7}{16}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{189}\ \Phi_{144}\ \Phi_{112}\ \Phi_{63}\ \Phi_{48}\ \Phi_{27}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
128457	1710	624	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{624}^5\ \Phi_{208}^5\ \Phi_{78}^3\ \Phi_{48}^3\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{16}^4\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
128458	1710	784	$\frac{3}{98}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{784}^4\ \Phi_{112}^3\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
128459	1710	432	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{432}^7\ \Phi_{144}^7\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{48}^7\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{16}^8\ \Phi_{12}^2\ \Phi_9\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
128460	1710	1584	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1584}^2\ \Phi_{528}^2\ \Phi_{176}^2\ \Phi_{144}\ \Phi_{99}^2\ \Phi_{48}\ \Phi_{33}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
128461	1710	336	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{336}^9\ \Phi_{112}^9\ \Phi_{48}^9\ \Phi_{21}^9\ \Phi_{16}^{10}\ \Phi_7^9\ \Phi_3^9\ \Phi_1^{10}$
128462	1710	880	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{880}^4\ \Phi_{220}\ \Phi_{176}^3\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
128463	1710	3192	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{168}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
128464	1710	1709	$\frac{17}{1709}$	$\frac{229}{1709}$	$\frac{564}{1709}$	$\frac{740}{1709}$	$\Phi_{1709}\ \Phi_1^2$
128465	1710	4494	$\frac{1}{107}$	$\frac{106}{749}$	$\frac{1}{3}$	$\frac{643}{1498}$	$\Phi_{4494}\ \Phi_{642}\ \Phi_{321}\ \Phi_{42}\ \Phi_6$
128466	1710	1050	$\frac{4}{175}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{150}^2\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{10}^2$
128467	1710	980	$\frac{1}{20}$	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{245}^2\ \Phi_{196}^2\ \Phi_{140}\ \Phi_{98}^2\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
128468	1710	260	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{26}$	$\Phi_{260}^7\ \Phi_{130}^7\ \Phi_{65}^7\ \Phi_{52}^7\ \Phi_{26}\ \Phi_{20}^6\ \Phi_{13}^6\ \Phi_{10}^6\ \Phi_5^6\ \Phi_4^6\ \Phi_1^6$
128469	1710	1798	$\frac{1}{58}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{1798}\ \Phi_{899}\ \Phi_{62}$
128470	1710	294	$\frac{1}{49}$	$\frac{8}{49}$	$\frac{1}{6}$	$\frac{41}{98}$	$\Phi_{294}^7\ \Phi_{147}^7\ \Phi_{98}\ \Phi_{49}^6\ \Phi_{42}^7\ \Phi_{21}^7\ \Phi_{14}\ \Phi_7^6\ \Phi_6^6\ \Phi_3^6\ \Phi_1^6$
128471	1710	1709	$\frac{53}{1709}$	$\frac{184}{1709}$	$\frac{305}{1709}$	$\frac{702}{1709}$	$\Phi_{1709}\ \Phi_1^2$
128472	1710	1820	$\frac{1}{20}$	$\frac{6}{91}$	$\frac{17}{91}$	$\frac{37}{91}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{182}\ \Phi_{140}\ \Phi_{130}\ \Phi_{70}\ \Phi_{65}\ \Phi_{52}\ \Phi_{35}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
128473	1710	2912	$\frac{1}{91}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{364}\ \Phi_{224}\ \Phi_{182}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$
128474	1710	608	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{608}^5\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
128475	1710	1709	$\frac{84}{1709}$	$\frac{113}{1709}$	$\frac{325}{1709}$	$\frac{692}{1709}$	$\Phi_{1709}\ \Phi_1^2$
128476	1710	1910	$\frac{6}{191}$	$\frac{1}{10}$	$\frac{37}{191}$	$\frac{77}{191}$	$\Phi_{1910}\ \Phi_{955}\ \Phi_{382}$
128477	1710	1709	$\frac{24}{1709}$	$\frac{337}{1709}$	$\frac{341}{1709}$	$\frac{686}{1709}$	$\Phi_{1709}\ \Phi_1^2$
128478	1710	2284	$\frac{6}{571}$	$\frac{113}{571}$	$\frac{1}{4}$	$\frac{229}{571}$	$\Phi_{2284}\ \Phi_{1142}$
128479	1710	710	$\frac{1}{142}$	$\frac{1}{5}$	$\frac{47}{142}$	$\frac{2}{5}$	$\Phi_{710}^2\ \Phi_{355}^2\ \Phi_{142}^4\ \Phi_{71}^4\ \Phi_{10}^2\ \Phi_5^3\ \Phi_2^4\ \Phi_1^6$
128480	1710	480	$\frac{1}{96}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^3\ \Phi_{120}^3\ \Phi_{96}^6\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^6\ \Phi_{40}^3\ \Phi_{32}^6\ \Phi_{30}^3\ \Phi_{24}^6\ \Phi_{20}^2\ \Phi_{16}^6\ \Phi_{15}^3\ \Phi_{12}^6\ \Phi_{10}^2\ \Phi_8^6\ \Phi_6^6\ \Phi_5^3\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
128481	1710	355	$\frac{1}{71}$	$\frac{14}{71}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{355}^4\ \Phi_{71}^8\ \Phi_5^5\ \Phi_1^{10}$
128482	1710	870	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{870}^2\ \Phi_{435}^2\ \Phi_{290}\ \Phi_{174}^4\ \Phi_{145}\ \Phi_{87}^4\ \Phi_{58}^2\ \Phi_{30}\ \Phi_{29}^2\ \Phi_{15}\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
128483	1710	710	$\frac{7}{142}$	$\frac{9}{142}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{710}^2\ \Phi_{355}^2\ \Phi_{142}^4\ \Phi_{71}^4\ \Phi_{10}^2\ \Phi_5^3\ \Phi_2^4\ \Phi_1^6$
128484	1710	80	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{80}^{23}\ \Phi_{40}^{23}\ \Phi_{20}^{17}\ \Phi_{16}^{22}\ \Phi_{10}^{17}\ \Phi_8^{22}\ \Phi_5^{18}\ \Phi_4^{16}\ \Phi_2^{16}\ \Phi_1^{18}$
128485	1710	1709	$\frac{11}{1709}$	$\frac{381}{1709}$	$\frac{566}{1709}$	$\frac{664}{1709}$	$\Phi_{1709}\ \Phi_1^2$
128486	1710	368	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{11}{46}$	$\frac{35}{92}$	$\Phi_{368}^5\ \Phi_{184}^5\ \Phi_{92}^3\ \Phi_{46}^5\ \Phi_{23}^4\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
128487	1710	1032	$\frac{1}{172}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1032}^4\ \Phi_{516}\ \Phi_{258}\ \Phi_{129}\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
128488	1710	2728	$\frac{2}{341}$	$\frac{1}{4}$	$\frac{113}{341}$	$\frac{3}{8}$	$\Phi_{2728}\ \Phi_{341}\ \Phi_{248}\ \Phi_{88}\ \Phi_{31}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
128489	1710	920	$\frac{1}{115}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{920}^3\ \Phi_{460}\ \Phi_{230}\ \Phi_{184}^3\ \Phi_{92}\ \Phi_{46}\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
128490	1710	2184	$\frac{1}{91}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{312}\ \Phi_{273}\ \Phi_{182}\ \Phi_{168}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}\ \Phi_{26}\ \Phi_{21}\ \Phi_{14}$
128491	1710	2728	$\frac{5}{341}$	$\frac{56}{341}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2728}\ \Phi_{341}\ \Phi_{248}\ \Phi_{88}\ \Phi_{31}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
128492	1710	1624	$\frac{1}{58}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1624}^2\ \Phi_{406}\ \Phi_{203}\ \Phi_{56}\ \Phi_{14}$
128493	1710	2728	$\frac{8}{341}$	$\frac{37}{341}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2728}\ \Phi_{341}\ \Phi_{248}\ \Phi_{88}\ \Phi_{31}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
128494	1710	1560	$\frac{1}{39}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}^2\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{30}\ \Phi_{26}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
128495	1710	176	$\frac{5}{176}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{176}^{10}\ \Phi_{88}^9\ \Phi_{44}^{10}\ \Phi_{22}^{10}\ \Phi_{16}^{10}\ \Phi_{11}^9\ \Phi_8^{10}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{10}$
128496	1710	248	$\frac{1}{31}$	$\frac{5}{62}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{248}^{11}\ \Phi_{62}^6\ \Phi_{31}^5\ \Phi_8^{12}\ \Phi_2^6\ \Phi_1^6$
128497	1710	2728	$\frac{17}{341}$	$\frac{18}{341}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2728}\ \Phi_{341}\ \Phi_{248}\ \Phi_{88}\ \Phi_{31}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
128498	1710	760	$\frac{1}{20}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{760}^4\ \Phi_{380}\ \Phi_{190}\ \Phi_{152}^3\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}$
128499	1710	1824	$\frac{1}{96}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
128500	1710	2730	$\frac{1}{91}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{2730}\ \Phi_{910}\ \Phi_{546}\ \Phi_{455}\ \Phi_{390}\ \Phi_{210}\ \Phi_{182}\ \Phi_{130}\ \Phi_{78}\ \Phi_{70}\ \Phi_{65}\ \Phi_{42}\ \Phi_{35}\ \Phi_{26}\ \Phi_{14}$
128501	1710	1709	$\frac{19}{1709}$	$\frac{338}{1709}$	$\frac{457}{1709}$	$\frac{626}{1709}$	$\Phi_{1709}\ \Phi_1^2$
128502	1710	1798	$\frac{1}{58}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{1798}\ \Phi_{899}\ \Phi_{62}$
128503	1710	1709	$\frac{59}{1709}$	$\frac{110}{1709}$	$\frac{533}{1709}$	$\frac{588}{1709}$	$\Phi_{1709}\ \Phi_1^2$
128504	1710	1709	$\frac{75}{1709}$	$\frac{86}{1709}$	$\frac{541}{1709}$	$\frac{584}{1709}$	$\Phi_{1709}\ \Phi_1^2$
128505	1710	1820	$\frac{4}{91}$	$\frac{1}{20}$	$\frac{29}{91}$	$\frac{31}{91}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{182}\ \Phi_{140}\ \Phi_{130}\ \Phi_{70}\ \Phi_{65}\ \Phi_{52}\ \Phi_{35}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$
128506	1710	2736	$\frac{1}{24}$	$\frac{1}{19}$	$\frac{23}{72}$	$\frac{49}{144}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
128507	1710	1840	$\frac{4}{115}$	$\frac{1}{16}$	$\frac{37}{115}$	$\frac{39}{115}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{368}\ \Phi_{230}\ \Phi_{184}\ \Phi_{92}\ \Phi_{80}\ \Phi_{46}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
128508	1710	946	$\frac{1}{43}$	$\frac{1}{11}$	$\frac{14}{43}$	$\frac{29}{86}$	$\Phi_{946}^3\ \Phi_{473}\ \Phi_{22}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
128509	1710	1709	$\frac{26}{1709}$	$\frac{227}{1709}$	$\frac{561}{1709}$	$\frac{574}{1709}$	$\Phi_{1709}\ \Phi_1^2$
128510	1710	2058	$\frac{4}{343}$	$\frac{1}{6}$	$\frac{113}{343}$	$\frac{115}{343}$	$\Phi_{2058}\ \Phi_{1029}\ \Phi_{686}\ \Phi_{294}\ \Phi_{147}\ \Phi_{98}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
128511	1710	1709	$\frac{14}{1709}$	$\frac{379}{1709}$	$\frac{565}{1709}$	$\frac{572}{1709}$	$\Phi_{1709}\ \Phi_1^2$
128512	1710	2284	$\frac{4}{571}$	$\frac{1}{4}$	$\frac{189}{571}$	$\frac{191}{571}$	$\Phi_{2284}\ \Phi_{1142}$
128513	1710	1284	$\frac{1}{214}$	$\frac{71}{214}$	$\frac{1}{3}$	$\frac{143}{428}$	$\Phi_{1284}^3\ \Phi_{642}\ \Phi_{321}\ \Phi_{12}^3\ \Phi_6$
128514	1710	966	$\frac{1}{46}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{138}\ \Phi_{69}\ \Phi_{42}^2\ \Phi_{14}^2\ \Phi_6$
128515	1710	852	$\frac{1}{142}$	$\frac{1}{4}$	$\frac{47}{142}$	$\frac{1}{3}$	$\Phi_{852}^4\ \Phi_{426}^2\ \Phi_{213}^2\ \Phi_{12}^5\ \Phi_6^3\ \Phi_3^2$
128516	1710	2568	$\frac{7}{856}$	$\frac{191}{856}$	$\frac{283}{856}$	$\frac{1}{3}$	$\Phi_{2568}\ \Phi_{1284}\ \Phi_{642}\ \Phi_{321}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
128517	1710	510	$\frac{1}{85}$	$\frac{1}{6}$	$\frac{28}{85}$	$\frac{1}{3}$	$\Phi_{510}^4\ \Phi_{255}^2\ \Phi_{170}^4\ \Phi_{102}^4\ \Phi_{85}^4\ \Phi_{51}^2\ \Phi_{34}^4\ \Phi_{30}^4\ \Phi_{17}^4\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_6^6\ \Phi_5^4\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
128518	1710	2568	$\frac{13}{856}$	$\frac{115}{856}$	$\frac{281}{856}$	$\frac{1}{3}$	$\Phi_{2568}\ \Phi_{1284}\ \Phi_{642}\ \Phi_{321}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
128519	1710	1272	$\frac{7}{424}$	$\frac{1}{8}$	$\frac{139}{424}$	$\frac{1}{3}$	$\Phi_{1272}^2\ \Phi_{636}^2\ \Phi_{318}^2\ \Phi_{159}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
128520	1710	1410	$\frac{1}{47}$	$\frac{1}{10}$	$\frac{46}{141}$	$\frac{1}{3}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{470}^2\ \Phi_{282}\ \Phi_{235}^2\ \Phi_{94}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_2^2$
128521	1710	1869	$\frac{2}{89}$	$\frac{2}{21}$	$\frac{29}{89}$	$\frac{1}{3}$	$\Phi_{1869}\ \Phi_{623}\ \Phi_{89}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
128522	1710	336	$\frac{1}{28}$	$\frac{1}{16}$	$\frac{9}{28}$	$\frac{1}{3}$	$\Phi_{336}^8\ \Phi_{168}^8\ \Phi_{84}^6\ \Phi_{48}^9\ \Phi_{42}^6\ \Phi_{24}^9\ \Phi_{21}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
128523	1710	660	$\frac{1}{22}$	$\frac{1}{20}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{165}^4\ \Phi_{132}^4\ \Phi_{66}^2\ \Phi_{60}^5\ \Phi_{33}^2\ \Phi_{30}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_6^3\ \Phi_3^2$
128524	1710	2568	$\frac{39}{856}$	$\frac{43}{856}$	$\frac{271}{856}$	$\frac{1}{3}$	$\Phi_{2568}\ \Phi_{1284}\ \Phi_{642}\ \Phi_{321}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
128525	1710	2568	$\frac{31}{856}$	$\frac{55}{856}$	$\frac{267}{856}$	$\frac{1}{3}$	$\Phi_{2568}\ \Phi_{1284}\ \Phi_{642}\ \Phi_{321}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
128526	1710	1242	$\frac{1}{46}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{1242}^2\ \Phi_{621}^2\ \Phi_{138}\ \Phi_{69}\ \Phi_{54}^2\ \Phi_6$
128527	1710	1218	$\frac{1}{58}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{1218}^2\ \Phi_{609}^2\ \Phi_{174}^3\ \Phi_{87}^3\ \Phi_{42}^2\ \Phi_6^3$
128528	1710	2568	$\frac{11}{856}$	$\frac{169}{856}$	$\frac{229}{856}$	$\frac{1}{3}$	$\Phi_{2568}\ \Phi_{1284}\ \Phi_{642}\ \Phi_{321}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
128529	1710	96	$\frac{1}{96}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{96}^{18}\ \Phi_{48}^{18}\ \Phi_{32}^{18}\ \Phi_{24}^{18}\ \Phi_{16}^{18}\ \Phi_{12}^{16}\ \Phi_8^{18}\ \Phi_6^{16}\ \Phi_4^{18}\ \Phi_3^{15}\ \Phi_2^{18}\ \Phi_1^{18}$
128530	1710	3408	$\frac{3}{284}$	$\frac{281}{1136}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3408}\ \Phi_{1704}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
128531	1710	852	$\frac{1}{71}$	$\frac{14}{71}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{852}^4\ \Phi_{426}^4\ \Phi_{12}^5\ \Phi_6^5$
128532	1710	348	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{348}^6\ \Phi_{174}^3\ \Phi_{116}^8\ \Phi_{87}^3\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
128533	1710	2604	$\frac{1}{31}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2604}\ \Phi_{1302}\ \Phi_{868}\ \Phi_{434}\ \Phi_{124}\ \Phi_{62}$
128534	1710	852	$\frac{7}{142}$	$\frac{9}{142}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{852}^4\ \Phi_{426}^2\ \Phi_{213}^2\ \Phi_{12}^5\ \Phi_6^3\ \Phi_3^2$
128535	1710	240	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^{12}\ \Phi_{120}^{12}\ \Phi_{60}^9\ \Phi_{48}^9\ \Phi_{30}^9\ \Phi_{24}^9\ \Phi_{15}^9\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
128536	1710	2070	$\frac{1}{46}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{138}\ \Phi_{115}\ \Phi_{90}\ \Phi_{69}\ \Phi_{30}\ \Phi_{10}\ \Phi_6$
128537	1710	552	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{552}^4\ \Phi_{276}^4\ \Phi_{184}^4\ \Phi_{138}\ \Phi_{92}^4\ \Phi_{69}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2$
128538	1710	642	$\frac{2}{107}$	$\frac{21}{107}$	$\frac{43}{214}$	$\frac{1}{3}$	$\Phi_{642}^5\ \Phi_{321}^3\ \Phi_6^5\ \Phi_3^2$
128539	1710	1050	$\frac{4}{175}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
128540	1710	1410	$\frac{2}{47}$	$\frac{1}{10}$	$\frac{9}{47}$	$\frac{1}{3}$	$\Phi_{1410}^2\ \Phi_{705}^2\ \Phi_{282}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_6^3$
128541	1710	1869	$\frac{4}{89}$	$\frac{2}{21}$	$\frac{17}{89}$	$\frac{1}{3}$	$\Phi_{1869}\ \Phi_{623}\ \Phi_{89}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
128542	1710	2568	$\frac{41}{856}$	$\frac{77}{856}$	$\frac{163}{856}$	$\frac{1}{3}$	$\Phi_{2568}\ \Phi_{1284}\ \Phi_{642}\ \Phi_{321}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
128543	1710	1680	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1}{3}$	$\Phi_{1680}^2\ \Phi_{840}^2\ \Phi_{420}^2\ \Phi_{240}^2\ \Phi_{210}\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
128544	1710	660	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{165}^4\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{60}^5\ \Phi_{30}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_6^5$
128545	1710	2568	$\frac{37}{856}$	$\frac{91}{856}$	$\frac{153}{856}$	$\frac{1}{3}$	$\Phi_{2568}\ \Phi_{1284}\ \Phi_{642}\ \Phi_{321}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
128546	1710	204	$\frac{1}{34}$	$\frac{11}{68}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{204}^9\ \Phi_{102}^6\ \Phi_{68}^{12}\ \Phi_{51}^6\ \Phi_{34}^8\ \Phi_{17}^8\ \Phi_{12}^9\ \Phi_6^8\ \Phi_4^{12}\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
128547	1710	510	$\frac{4}{85}$	$\frac{9}{85}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{510}^{4}\ \Phi_{255}^{2}\ \Phi_{170}^{4}\ \Phi_{102}^{4}\ \Phi_{85}^{4}\ \Phi_{51}^{2}\ \Phi_{34}^{4}\ \Phi_{30}^{4}\ \Phi_{17}^{4}\ \Phi_{15}^{2}\ \Phi_{10}^{4}\ \Phi_{6}^{6}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
128548	1710	60	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{60}^{27}\ \Phi_{30}^{24}\ \Phi_{20}^{36}\ \Phi_{15}^{24}\ \Phi_{12}^{27}\ \Phi_{10}^{32}\ \Phi_{6}^{26}\ \Phi_{5}^{32}\ \Phi_{4}^{36}\ \Phi_{3}^{25}\ \Phi_{2}^{34}\ \Phi_{1}^{34}$
128549	1710	798	$\frac{1}{19}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{798}^{3}\ \Phi_{399}^{2}\ \Phi_{266}^{3}\ \Phi_{133}^{2}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
128550	1710	1122	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1122}^{2}\ \Phi_{561}\ \Phi_{374}^{2}\ \Phi_{187}^{2}\ \Phi_{66}^{2}\ \Phi_{33}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
128551	1710	1869	$\frac{5}{89}$	$\frac{2}{21}$	$\frac{14}{89}$	$\frac{1}{3}$	$\Phi_{1869}\ \Phi_{623}\ \Phi_{89}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
128552	1710	336	$\frac{1}{16}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{336}^{5}\ \Phi_{168}^{5}\ \Phi_{112}^{6}\ \Phi_{84}^{5}\ \Phi_{56}^{6}\ \Phi_{48}^{6}\ \Phi_{42}^{5}\ \Phi_{28}^{6}\ \Phi_{24}^{6}\ \Phi_{16}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
128553	1710	192	$\frac{1}{16}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{192}^{15}\ \Phi_{96}^{15}\ \Phi_{48}^{8}\ \Phi_{24}^{9}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{3}^{8}$
128554	1710	1869	$\frac{8}{89}$	$\frac{2}{21}$	$\frac{9}{89}$	$\frac{1}{3}$	$\Phi_{1869}\ \Phi_{623}\ \Phi_{89}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
128555	1710	2310	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{385}\ \Phi_{154}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
128556	1710	791	$\frac{2}{113}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{37}{113}$	$\Phi_{791}^{2}\ \Phi_{113}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
128557	1710	1356	$\frac{2}{113}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{37}{113}$	$\Phi_{1356}^{2}\ \Phi_{678}\ \Phi_{452}\ \Phi_{339}\ \Phi_{113}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
128558	1710	1709	$\frac{32}{1709}$	$\frac{230}{1709}$	$\frac{493}{1709}$	$\frac{559}{1709}$	$\Phi_{1709}\ \Phi_{1}^{2}$
128559	1710	294	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{11}{49}$	$\frac{16}{49}$	$\Phi_{294}^{7}\ \Phi_{147}^{7}\ \Phi_{98}^{7}\ \Phi_{42}^{7}\ \Phi_{21}^{7}\ \Phi_{14}^{7}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}$
128560	1710	2397	$\frac{1}{47}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{46}{141}$	$\Phi_{2397}\ \Phi_{141}^{2}\ \Phi_{51}\ \Phi_{17}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
128561	1710	3948	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{46}{141}$	$\Phi_{3948}\ \Phi_{1974}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}$
128562	1710	1709	$\frac{38}{1709}$	$\frac{265}{1709}$	$\frac{384}{1709}$	$\frac{557}{1709}$	$\Phi_{1709}\ \Phi_{1}^{2}$
128563	1710	2403	$\frac{2}{89}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{29}{89}$	$\Phi_{2403}\ \Phi_{89}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$
128564	1710	2136	$\frac{2}{89}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{29}{89}$	$\Phi_{2136}\ \Phi_{1068}\ \Phi_{712}\ \Phi_{356}\ \Phi_{89}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
128565	1710	2284	$\frac{13}{571}$	$\frac{77}{571}$	$\frac{1}{4}$	$\frac{186}{571}$	$\Phi_{2284}\ \Phi_{1142}$
128566	1710	812	$\frac{1}{28}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{9}{28}$	$\Phi_{812}^{2}\ \Phi_{406}^{2}\ \Phi_{203}^{2}\ \Phi_{116}^{2}\ \Phi_{58}^{2}\ \Phi_{29}^{3}\ \Phi_{28}^{4}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
128567	1710	308	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{9}{28}$	$\Phi_{308}^{6}\ \Phi_{154}^{6}\ \Phi_{77}^{6}\ \Phi_{44}^{7}\ \Phi_{22}^{7}\ \Phi_{11}^{6}$
128568	1710	812	$\frac{1}{28}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{9}{28}$	$\Phi_{812}^{2}\ \Phi_{406}^{2}\ \Phi_{203}^{2}\ \Phi_{116}^{2}\ \Phi_{58}^{2}\ \Phi_{29}^{3}\ \Phi_{28}^{4}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
128569	1710	84	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{9}{28}$	$\Phi_{84}^{24}\ \Phi_{42}^{25}\ \Phi_{28}^{12}\ \Phi_{21}^{25}\ \Phi_{14}^{13}\ \Phi_{12}^{24}\ \Phi_{7}^{12}\ \Phi_{6}^{24}\ \Phi_{4}^{12}\ \Phi_{3}^{24}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
128570	1710	1709	$\frac{62}{1709}$	$\frac{116}{1709}$	$\frac{531}{1709}$	$\frac{549}{1709}$	$\Phi_{1709}\ \Phi_{1}^{2}$
128571	1710	1892	$\frac{7}{172}$	$\frac{1}{11}$	$\frac{39}{172}$	$\frac{55}{172}$	$\Phi_{1892}\ \Phi_{946}\ \Phi_{473}\ \Phi_{44}\ \Phi_{22}$
128572	1710	1709	$\frac{74}{1709}$	$\frac{194}{1709}$	$\frac{303}{1709}$	$\frac{545}{1709}$	$\Phi_{1709}\ \Phi_{1}^{2}$
128573	1710	1709	$\frac{77}{1709}$	$\frac{233}{1709}$	$\frac{246}{1709}$	$\frac{544}{1709}$	$\Phi_{1709}\ \Phi_{1}^{2}$
128574	1710	154	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{1}{7}$	$\frac{7}{22}$	$\Phi_{154}^{13}\ \Phi_{77}^{13}\ \Phi_{14}^{13}\ \Phi_{7}^{12}$
128575	1710	2058	$\frac{16}{343}$	$\frac{39}{343}$	$\frac{1}{6}$	$\frac{109}{343}$	$\Phi_{2058}\ \Phi_{1029}\ \Phi_{686}\ \Phi_{294}\ \Phi_{147}\ \Phi_{98}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
128576	1710	1709	$\frac{83}{1709}$	$\frac{132}{1709}$	$\frac{389}{1709}$	$\frac{542}{1709}$	$\Phi_{1709}\ \Phi_{1}^{2}$
128577	1710	2284	$\frac{28}{571}$	$\frac{39}{571}$	$\frac{1}{4}$	$\frac{181}{571}$	$\Phi_{2284}\ \Phi_{1142}$
128578	1710	580	$\frac{1}{20}$	$\frac{2}{29}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{580}^{3}\ \Phi_{290}^{3}\ \Phi_{145}^{3}\ \Phi_{116}^{2}\ \Phi_{58}^{2}\ \Phi_{29}^{3}\ \Phi_{20}^{6}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
128579	1710	2030	$\frac{2}{29}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{9}{29}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{290}\ \Phi_{145}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{29}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
128580	1710	609	$\frac{2}{29}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{9}{29}$	$\Phi_{609}^{3}\ \Phi_{203}^{2}\ \Phi_{87}^{3}\ \Phi_{29}^{3}\ \Phi_{21}^{6}\ \Phi_{7}^{4}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
128581	1710	1856	$\frac{2}{29}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{9}{29}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{464}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{29}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
128582	1710	880	$\frac{1}{16}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{17}{55}$	$\Phi_{880}^{2}\ \Phi_{440}^{2}\ \Phi_{220}^{2}\ \Phi_{176}^{2}\ \Phi_{110}^{2}\ \Phi_{88}^{2}\ \Phi_{80}^{3}\ \Phi_{44}^{2}\ \Phi_{40}^{3}\ \Phi_{22}^{2}\ \Phi_{20}^{3}\ \Phi_{16}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
128583	1710	260	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{260}^{7}\ \Phi_{130}^{7}\ \Phi_{65}^{7}\ \Phi_{52}^{7}\ \Phi_{26}^{7}\ \Phi_{20}^{6}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
128584	1710	728	$\frac{1}{13}$	$\frac{9}{104}$	$\frac{1}{7}$	$\frac{4}{13}$	$\Phi_{728}^{3}\ \Phi_{364}^{3}\ \Phi_{182}^{3}\ \Phi_{91}\ \Phi_{56}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
128585	1710	1709	$\frac{69}{1709}$	$\frac{164}{1709}$	$\frac{398}{1709}$	$\frac{515}{1709}$	$\Phi_{1709}\ \Phi_1^2$
128586	1710	2284	$\frac{21}{571}$	$\frac{55}{571}$	$\frac{1}{4}$	$\frac{172}{571}$	$\Phi_{2284}\ \Phi_{1142}$
128587	1710	3348	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{3348}\ \Phi_{1674}\ \Phi_{124}\ \Phi_{62}$
128588	1710	2403	$\frac{4}{89}$	$\frac{1}{9}$	$\frac{17}{89}$	$\frac{8}{27}$	$\Phi_{2403}\ \Phi_{89}\ \Phi_{27}^2\ \Phi_1^2$
128589	1710	1026	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{1026}^3\ \Phi_{513}^2\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
128590	1710	2403	$\frac{5}{89}$	$\frac{1}{9}$	$\frac{14}{89}$	$\frac{8}{27}$	$\Phi_{2403}\ \Phi_{89}\ \Phi_{27}^2\ \Phi_1^2$
128591	1710	3024	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{27}$	$\Phi_{3024}\ \Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
128592	1710	2403	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{2403}\ \Phi_{89}\ \Phi_{27}^2\ \Phi_1^2$
128593	1710	2970	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{2970}\ \Phi_{1485}\ \Phi_{594}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
128594	1710	799	$\frac{2}{47}$	$\frac{2}{17}$	$\frac{9}{47}$	$\frac{5}{17}$	$\Phi_{799}^2\ \Phi_{47}^4\ \Phi_{17}^3\ \Phi_1^6$
128595	1710	1020	$\frac{1}{20}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}\ \Phi_{255}^2\ \Phi_{204}^2\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}^4\ \Phi_{51}\ \Phi_{30}^4\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
128596	1710	1709	$\frac{64}{1709}$	$\frac{230}{1709}$	$\frac{329}{1709}$	$\frac{493}{1709}$	$\Phi_{1709}\ \Phi_1^2$
128597	1710	1092	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{156}^3\ \Phi_{84}^2\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{42}^2\ \Phi_{26}^3\ \Phi_{12}^3\ \Phi_6^3$
128598	1710	714	$\frac{5}{119}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{714}^3\ \Phi_{357}^3\ \Phi_{238}^3\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{42}\ \Phi_{34}^3\ \Phi_{21}\ \Phi_{14}$
128599	1710	791	$\frac{5}{113}$	$\frac{1}{7}$	$\frac{18}{113}$	$\frac{2}{7}$	$\Phi_{791}^2\ \Phi_{113}^3\ \Phi_7^4\ \Phi_1^6$
128600	1710	140	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{140}^{13}\ \Phi_{70}^{13}\ \Phi_{35}^{13}\ \Phi_{28}^{13}\ \Phi_{20}^{12}\ \Phi_{14}^{13}\ \Phi_{10}^{12}\ \Phi_5^{12}\ \Phi_4^{12}\ \Phi_2^{12}$
128601	1710	1794	$\frac{1}{39}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{1794}\ \Phi_{897}\ \Phi_{598}\ \Phi_{299}\ \Phi_{138}\ \Phi_{78}\ \Phi_{69}\ \Phi_{26}\ \Phi_6$
128602	1710	924	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{7}{44}$	$\frac{37}{132}$	$\Phi_{924}^3\ \Phi_{462}^3\ \Phi_{231}^3\ \Phi_{154}\ \Phi_{84}^3\ \Phi_{77}\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{14}$
128603	1710	1709	$\frac{77}{1709}$	$\frac{246}{1709}$	$\frac{272}{1709}$	$\frac{479}{1709}$	$\Phi_{1709}\ \Phi_1^2$
128604	1710	2058	$\frac{13}{343}$	$\frac{55}{343}$	$\frac{1}{6}$	$\frac{96}{343}$	$\Phi_{2058}\ \Phi_{1029}\ \Phi_{686}\ \Phi_{294}\ \Phi_{147}\ \Phi_{98}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
128605	1710	2052	$\frac{1}{19}$	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{513}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
128606	1710	1709	$\frac{65}{1709}$	$\frac{274}{1709}$	$\frac{287}{1709}$	$\frac{474}{1709}$	$\Phi_{1709}\ \Phi_1^2$
128607	1710	1820	$\frac{1}{20}$	$\frac{11}{91}$	$\frac{16}{91}$	$\frac{25}{91}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{182}\ \Phi_{140}\ \Phi_{130}\ \Phi_{70}\ \Phi_{65}\ \Phi_{52}\ \Phi_{35}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$
128608	1710	1709	$\frac{79}{1709}$	$\frac{208}{1709}$	$\frac{326}{1709}$	$\frac{461}{1709}$	$\Phi_{1709}\ \Phi_1^2$
128609	1710	182	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{5}{26}$	$\frac{7}{26}$	$\Phi_{182}^{11}\ \Phi_{91}^{11}\ \Phi_{14}^{11}\ \Phi_7^{10}$
128610	1710	1709	$\frac{34}{1709}$	$\frac{335}{1709}$	$\frac{417}{1709}$	$\frac{458}{1709}$	$\Phi_{1709}\ \Phi_1^2$
128611	1710	2284	$\frac{11}{571}$	$\frac{112}{571}$	$\frac{1}{4}$	$\frac{153}{571}$	$\Phi_{2284}\ \Phi_{1142}$
128612	1710	252	$\frac{1}{63}$	$\frac{31}{126}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{252}^6\ \Phi_{126}^8\ \Phi_{84}^6\ \Phi_{63}^7\ \Phi_{42}^8\ \Phi_{36}^6\ \Phi_{28}^6\ \Phi_{21}^7\ \Phi_{18}^8\ \Phi_{14}^8\ \Phi_{12}^6\ \Phi_9^7\ \Phi_7^7\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
128613	1710	756	$\frac{4}{189}$	$\frac{37}{189}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^3\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}^3\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}^3\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^3\ \Phi_7^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
128614	1710	156	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{156}^{10}\ \Phi_{78}^{13}\ \Phi_{52}^{10}\ \Phi_{39}^{12}\ \Phi_{26}^{13}\ \Phi_{13}^{12}\ \Phi_{12}^6\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
128615	1710	196	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{196}^8\ \Phi_{98}^{10}\ \Phi_{49}^{10}\ \Phi_{28}^6\ \Phi_{14}^8\ \Phi_7^7\ \Phi_4^8\ \Phi_2^{10}\ \Phi_1^{10}$
128616	1710	108	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{108}^{16}\ \Phi_{54}^{16}\ \Phi_{36}^{16}\ \Phi_{27}^{15}\ \Phi_{18}^{16}\ \Phi_{12}^{16}\ \Phi_9^{15}\ \Phi_6^{16}\ \Phi_4^{18}\ \Phi_3^{15}\ \Phi_2^{18}\ \Phi_1^{18}$
128617	1710	396	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^4\ \Phi_{99}^6\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{36}^2\ \Phi_{33}^6\ \Phi_{22}^4\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}^6\ \Phi_9^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
128618	1710	84	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{84}^{18}\ \Phi_{42}^{18}\ \Phi_{28}^{18}\ \Phi_{21}^{27}\ \Phi_{14}^{18}\ \Phi_{12}^{18}\ \Phi_7^{27}\ \Phi_6^{18}\ \Phi_4^{20}\ \Phi_3^{27}\ \Phi_2^{20}\ \Phi_1^{30}$
128619	1710	220	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{220}^9\ \Phi_{110}^9\ \Phi_{55}^9\ \Phi_{44}^7\ \Phi_{22}^7\ \Phi_{11}^6$
128620	1710	2464	$\frac{3}{56}$	$\frac{1}{11}$	$\frac{53}{224}$	$\frac{1}{4}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{352}\ \Phi_{176}\ \Phi_{44}\ \Phi_{22}$
128621	1710	744	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{744}^3\ \Phi_{372}\ \Phi_{248}^3\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{93}^2\ \Phi_{62}^3\ \Phi_{31}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
128622	1710	1316	$\frac{2}{47}$	$\frac{1}{7}$	$\frac{9}{47}$	$\frac{1}{4}$	$\Phi_{1316}^{2}\ \Phi_{658}^{2}\ \Phi_{28}^{3}\ \Phi_{14}^{3}$
128623	1710	2284	$\frac{26}{571}$	$\frac{77}{571}$	$\frac{109}{571}$	$\frac{1}{4}$	$\Phi_{2284}\ \Phi_{1142}$
128624	1710	1540	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{70}$	$\frac{1}{4}$	$\Phi_{1540}^{2}\ \Phi_{770}\ \Phi_{385}\ \Phi_{220}^{2}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
128625	1710	580	$\frac{1}{20}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\Phi_{580}^{3}\ \Phi_{290}^{3}\ \Phi_{145}^{3}\ \Phi_{116}^{2}\ \Phi_{58}^{2}\ \Phi_{29}^{3}\ \Phi_{20}^{6}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
128626	1710	2284	$\frac{25}{571}$	$\frac{91}{571}$	$\frac{96}{571}$	$\frac{1}{4}$	$\Phi_{2284}\ \Phi_{1142}$
128627	1710	1356	$\frac{5}{113}$	$\frac{18}{113}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1356}^{2}\ \Phi_{678}\ \Phi_{452}\ \Phi_{339}\ \Phi_{113}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
128628	1710	420	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{140}^{3}\ \Phi_{105}^{6}\ \Phi_{84}^{4}\ \Phi_{70}^{3}\ \Phi_{42}^{5}\ \Phi_{35}^{3}\ \Phi_{28}^{2}\ \Phi_{21}^{5}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
128629	1710	924	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{924}^{3}\ \Phi_{462}^{3}\ \Phi_{308}^{2}\ \Phi_{154}^{2}\ \Phi_{132}^{3}\ \Phi_{66}^{3}\ \Phi_{44}^{3}\ \Phi_{22}^{3}$
128630	1710	2156	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{25}{196}$	$\frac{1}{4}$	$\Phi_{2156}\ \Phi_{1078}\ \Phi_{539}\ \Phi_{44}\ \Phi_{22}$
128631	1710	704	$\frac{1}{11}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{704}^{3}\ \Phi_{352}^{3}\ \Phi_{176}^{3}\ \Phi_{44}\ \Phi_{22}$
128632	1710	2464	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{67}{352}$	$\frac{21}{88}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{224}\ \Phi_{154}\ \Phi_{112}\ \Phi_{77}\ \Phi_{14}$
128633	1710	672	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{53}{224}$	$\Phi_{672}^{4}\ \Phi_{336}^{4}\ \Phi_{224}^{2}\ \Phi_{112}^{2}\ \Phi_{96}^{4}\ \Phi_{48}^{4}\ \Phi_{42}\ \Phi_{32}^{2}\ \Phi_{21}\ \Phi_{16}^{2}\ \Phi_{14}$
128634	1710	294	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{1}{6}$	$\frac{11}{49}$	$\Phi_{294}^{7}\ \Phi_{147}^{7}\ \Phi_{98}^{7}\ \Phi_{42}^{7}\ \Phi_{21}^{7}\ \Phi_{14}^{7}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}$
128635	1710	368	$\frac{1}{16}$	$\frac{3}{23}$	$\frac{4}{23}$	$\frac{5}{23}$	$\Phi_{368}^{5}\ \Phi_{184}^{5}\ \Phi_{92}^{5}\ \Phi_{46}^{5}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
128636	1710	364	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{7}$	$\frac{79}{364}$	$\Phi_{364}^{6}\ \Phi_{182}^{6}\ \Phi_{91}\ \Phi_{52}^{6}\ \Phi_{28}^{6}\ \Phi_{26}^{6}\ \Phi_{14}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
128637	1710	280	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{280}^{8}\ \Phi_{140}^{5}\ \Phi_{70}^{5}\ \Phi_{56}^{6}\ \Phi_{40}^{8}\ \Phi_{35}^{5}\ \Phi_{28}^{3}\ \Phi_{20}^{4}\ \Phi_{14}^{5}\ \Phi_{10}^{4}\ \Phi_{8}^{6}\ \Phi_{7}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
128638	1710	546	$\frac{11}{182}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{546}^{4}\ \Phi_{273}^{4}\ \Phi_{182}^{2}\ \Phi_{91}^{2}\ \Phi_{78}^{4}\ \Phi_{42}\ \Phi_{39}^{4}\ \Phi_{26}^{2}\ \Phi_{21}\ \Phi_{14}\ \Phi_{13}^{2}$
128639	1710	2136	$\frac{4}{89}$	$\frac{1}{6}$	$\frac{17}{89}$	$\frac{5}{24}$	$\Phi_{2136}\ \Phi_{1068}\ \Phi_{712}\ \Phi_{356}\ \Phi_{89}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
128640	1710	456	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{456}^{5}\ \Phi_{228}^{5}\ \Phi_{152}^{5}\ \Phi_{114}\ \Phi_{76}^{5}\ \Phi_{57}\ \Phi_{38}$
128641	1710	2136	$\frac{5}{89}$	$\frac{14}{89}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{2136}\ \Phi_{1068}\ \Phi_{712}\ \Phi_{356}\ \Phi_{89}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
128642	1710	336	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{336}^{6}\ \Phi_{168}^{5}\ \Phi_{112}^{7}\ \Phi_{84}^{5}\ \Phi_{56}^{6}\ \Phi_{42}^{6}\ \Phi_{28}^{6}\ \Phi_{21}^{6}\ \Phi_{14}^{7}\ \Phi_{7}^{6}$
128643	1710	2136	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{2136}\ \Phi_{1068}\ \Phi_{712}\ \Phi_{356}\ \Phi_{89}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
128644	1710	1320	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{440}^{2}\ \Phi_{264}\ \Phi_{220}^{2}\ \Phi_{132}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
128645	1710	2030	$\frac{1}{14}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{13}{70}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{290}\ \Phi_{145}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{29}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
128646	1710	210	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{13}{70}$	$\Phi_{210}^{12}\ \Phi_{105}^{12}\ \Phi_{70}^{6}\ \Phi_{42}\ \Phi_{35}^{6}\ \Phi_{30}^{12}\ \Phi_{21}\ \Phi_{15}^{12}\ \Phi_{14}\ \Phi_{10}^{6}\ \Phi_{5}^{6}$
128647	1710	154	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{1}{7}$	$\frac{2}{11}$	$\Phi_{154}^{15}\ \Phi_{77}^{11}\ \Phi_{14}^{15}\ \Phi_{7}^{10}$
128648	1710	609	$\frac{2}{21}$	$\frac{4}{29}$	$\frac{1}{7}$	$\frac{5}{29}$	$\Phi_{609}^{3}\ \Phi_{203}^{2}\ \Phi_{87}^{3}\ \Phi_{29}^{3}\ \Phi_{21}^{6}\ \Phi_{7}^{4}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
128649	1710	1856	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{4}{29}$	$\frac{5}{29}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{464}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{29}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
128650	1710	42	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{42}^{49}\ \Phi_{21}^{31}\ \Phi_{14}^{49}\ \Phi_{7}^{36}\ \Phi_{6}^{48}\ \Phi_{3}^{30}\ \Phi_{2}^{48}\ \Phi_{1}^{36}$
128651	1710	588	$\frac{3}{28}$	$\frac{25}{196}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{588}^{4}\ \Phi_{294}^{4}\ \Phi_{196}^{2}\ \Phi_{147}^{4}\ \Phi_{98}^{2}\ \Phi_{49}^{2}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
128652	1710	1344	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{1344}^{2}\ \Phi_{672}^{2}\ \Phi_{448}\ \Phi_{336}^{2}\ \Phi_{224}\ \Phi_{112}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
128653	1711	2736	$\frac{1}{342}$	$\frac{343}{1368}$	$\frac{1025}{2736}$	$\frac{341}{684}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{684}\ \Phi_{304}\ \Phi_{228}\ \Phi_{144}\ \Phi_{76}\ \Phi_{48}\ \Phi_{36}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
128654	1711	3408	$\frac{7}{1704}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1697}{3408}$	$\Phi_{3408}\ \Phi_{1136}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
128655	1711	3040	$\frac{1}{190}$	$\frac{191}{1520}$	$\frac{1329}{3040}$	$\frac{189}{380}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{380}\ \Phi_{160}\ \Phi_{76}\ \Phi_{32}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
128656	1711	2280	$\frac{1}{190}$	$\frac{569}{2280}$	$\frac{191}{760}$	$\frac{189}{380}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{120}\ \Phi_{114}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
128657	1711	3400	$\frac{11}{1700}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1689}{3400}$	$\Phi_{3400}\ \Phi_{680}\ \Phi_{200}\ \Phi_{136}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
128658	1711	3192	$\frac{1}{114}$	$\frac{115}{1596}$	$\frac{1481}{3192}$	$\frac{113}{228}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{228}\ \Phi_{168}\ \Phi_{152}\ \Phi_{76}\ \Phi_{56}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
128659	1711	3240	$\frac{1}{90}$	$\frac{91}{1620}$	$\frac{1529}{3240}$	$\frac{89}{180}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{120}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
128660	1711	2160	$\frac{1}{90}$	$\frac{91}{540}$	$\frac{449}{2160}$	$\frac{89}{180}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
128661	1711	3384	$\frac{19}{1692}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{1673}{3384}$	$\Phi_{3384}\ \Phi_{1128}\ \Phi_{376}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
128662	1711	1960	$\frac{4}{245}$	$\frac{249}{1960}$	$\frac{1}{5}$	$\frac{241}{490}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{56}\ \Phi_{49}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
128663	1711	1624	$\frac{1}{58}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{57}{116}$	$\Phi_{1624}^2\ \Phi_{232}^2\ \Phi_{116}\ \Phi_{56}^3\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
128664	1711	2436	$\frac{1}{58}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{57}{116}$	$\Phi_{2436}^2\ \Phi_{348}^2\ \Phi_{116}\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
128665	1711	928	$\frac{1}{58}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{57}{116}$	$\Phi_{928}^2\ \Phi_{464}^2\ \Phi_{232}^2\ \Phi_{116}\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
128666	1711	4060	$\frac{1}{58}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{57}{116}$	$\Phi_{4060}\ \Phi_{580}\ \Phi_{140}\ \Phi_{116}\ \Phi_{35}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
128667	1711	3360	$\frac{31}{1680}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{1649}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{60}\ \Phi_{32}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
128668	1711	3360	$\frac{31}{1680}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1649}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
128669	1711	3360	$\frac{31}{1680}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1649}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{35}\ \Phi_{32}\ \Phi_{7}\ \Phi_{1}$
128670	1711	3348	$\frac{37}{1674}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1637}{3348}$	$\Phi_{3348}\ \Phi_{1116}\ \Phi_{372}\ \Phi_{124}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
128671	1711	3344	$\frac{39}{1672}$	$\frac{1}{38}$	$\frac{37}{76}$	$\frac{1633}{3344}$	$\Phi_{3344}\ \Phi_{304}\ \Phi_{176}\ \Phi_{76}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
128672	1711	2508	$\frac{1}{38}$	$\frac{39}{836}$	$\frac{797}{2508}$	$\frac{37}{76}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{627}\ \Phi_{228}\ \Phi_{132}\ \Phi_{114}\ \Phi_{76}\ \Phi_{66}\ \Phi_{57}\ \Phi_{33}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
128673	1711	1824	$\frac{1}{38}$	$\frac{113}{1824}$	$\frac{39}{152}$	$\frac{37}{76}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
128674	1711	2304	$\frac{17}{576}$	$\frac{1}{18}$	$\frac{593}{2304}$	$\frac{559}{1152}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
128675	1711	1872	$\frac{5}{156}$	$\frac{161}{1872}$	$\frac{1}{6}$	$\frac{151}{312}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
128676	1711	3312	$\frac{55}{1656}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{1601}{3312}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
128677	1711	2520	$\frac{1}{30}$	$\frac{31}{840}$	$\frac{809}{2520}$	$\frac{29}{60}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
128678	1711	1800	$\frac{1}{30}$	$\frac{89}{1800}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
128679	1711	2100	$\frac{1}{30}$	$\frac{31}{420}$	$\frac{389}{2100}$	$\frac{29}{60}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
128680	1711	1920	$\frac{1}{30}$	$\frac{209}{1920}$	$\frac{31}{240}$	$\frac{29}{60}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{32}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
128681	1711	570	$\frac{1}{30}$	$\frac{2}{57}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{570}^3\ \Phi_{285}^3\ \Phi_{190}^3\ \Phi_{114}^2\ \Phi_{95}^3\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{30}^5\ \Phi_{19}^3\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
128682	1711	114	$\frac{2}{57}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{55}{114}$	$\Phi_{114}^{10}\ \Phi_{57}^{19}\ \Phi_{38}^{12}\ \Phi_{19}^{20}\ \Phi_{6}^{10}\ \Phi_{3}^{19}\ \Phi_{2}^{12}\ \Phi_{1}^{21}$
128683	1711	4872	$\frac{1}{29}$	$\frac{1}{28}$	$\frac{28}{87}$	$\frac{27}{56}$	$\Phi_{4872}\ \Phi_{696}\ \Phi_{168}\ \Phi_{87}\ \Phi_{56}\ \Phi_{24}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
128684	1711	3300	$\frac{61}{1650}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{1589}{3300}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{300}\ \Phi_{220}\ \Phi_{132}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{44}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
128685	1711	3300	$\frac{61}{1650}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1589}{3300}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{300}\ \Phi_{220}\ \Phi_{132}\ \Phi_{100}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
128686	1711	1848	$\frac{5}{132}$	$\frac{137}{1848}$	$\frac{1}{6}$	$\frac{127}{264}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{56}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{11}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
128687	1711	2070	$\frac{14}{345}$	$\frac{1}{15}$	$\frac{359}{2070}$	$\frac{331}{690}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{414}\ \Phi_{345}\ \Phi_{207}\ \Phi_{115}\ \Phi_{90}\ \Phi_{69}\ \Phi_{45}\ \Phi_{23}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
128688	1711	3276	$\frac{73}{1638}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1565}{3276}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}\ \Phi_{156}\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{28}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
128689	1711	240	$\frac{1}{30}$	$\frac{1}{20}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{240}^{10}\ \Phi_{80}^{9}\ \Phi_{60}^{10}\ \Phi_{48}^{10}\ \Phi_{30}^{9}\ \Phi_{20}^{9}\ \Phi_{16}^{9}\ \Phi_{15}^{9}\ \Phi_{12}^{10}\ \Phi_{10}^{8}\ \Phi_{6}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
128690	1711	1680	$\frac{1}{30}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{1680}^{2}\ \Phi_{560}^{2}\ \Phi_{336}^{2}\ \Phi_{240}^{2}\ \Phi_{112}\ \Phi_{80}^{2}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
128691	1711	3240	$\frac{1}{45}$	$\frac{91}{1620}$	$\frac{44}{135}$	$\frac{1529}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{72}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
128692	1711	3240	$\frac{1}{18}$	$\frac{91}{1620}$	$\frac{17}{108}$	$\frac{1529}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
128693	1711	3192	$\frac{1}{19}$	$\frac{115}{1596}$	$\frac{18}{133}$	$\frac{1481}{3192}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{168}\ \Phi_{152}\ \Phi_{133}\ \Phi_{56}\ \Phi_{24}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
128694	1711	330	$\frac{1}{30}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{330}^{5}\ \Phi_{165}^{5}\ \Phi_{110}^{4}\ \Phi_{66}^{5}\ \Phi_{55}^{5}\ \Phi_{33}^{5}\ \Phi_{30}^{9}\ \Phi_{22}^{4}\ \Phi_{15}^{9}\ \Phi_{11}^{5}\ \Phi_{10}^{8}\ \Phi_{6}^{9}\ \Phi_{5}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
128695	1711	1976	$\frac{1}{19}$	$\frac{18}{247}$	$\frac{265}{1976}$	$\frac{229}{494}$	$\Phi_{1976}\ \Phi_{988}\ \Phi_{247}\ \Phi_{152}\ \Phi_{104}\ \Phi_{76}\ \Phi_{52}\ \Phi_{13}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
128696	1711	540	$\frac{1}{60}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{540}^{3}\ \Phi_{270}^{3}\ \Phi_{180}^{3}\ \Phi_{135}^{3}\ \Phi_{108}^{3}\ \Phi_{90}^{3}\ \Phi_{60}^{5}\ \Phi_{54}^{2}\ \Phi_{45}^{3}\ \Phi_{36}^{3}\ \Phi_{30}^{5}\ \Phi_{27}^{3}\ \Phi_{20}^{5}\ \Phi_{18}^{2}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
128697	1711	2340	$\frac{1}{45}$	$\frac{44}{585}$	$\frac{629}{2340}$	$\frac{541}{1170}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{585}\ \Phi_{468}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{156}\ \Phi_{117}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{20}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
128698	1711	3168	$\frac{5}{132}$	$\frac{127}{1584}$	$\frac{1}{6}$	$\frac{1457}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
128699	1711	3168	$\frac{1}{18}$	$\frac{127}{1584}$	$\frac{17}{144}$	$\frac{1457}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
128700	1711	360	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{90}^{6}\ \Phi_{72}^{5}\ \Phi_{60}^{6}\ \Phi_{45}^{5}\ \Phi_{36}^{5}\ \Phi_{30}^{5}\ \Phi_{20}^{6}\ \Phi_{18}^{5}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
128701	1711	540	$\frac{1}{30}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{540}^{6}\ \Phi_{180}^{6}\ \Phi_{108}^{5}\ \Phi_{60}^{6}\ \Phi_{36}^{5}\ \Phi_{30}^{5}\ \Phi_{20}^{6}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
128702	1711	3120	$\frac{5}{156}$	$\frac{151}{1560}$	$\frac{1}{6}$	$\frac{1409}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{156}\ \Phi_{80}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
128703	1711	120	$\frac{1}{60}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{120}^{20}\ \Phi_{60}^{9}\ \Phi_{40}^{19}\ \Phi_{30}^{9}\ \Phi_{24}^{20}\ \Phi_{20}^{9}\ \Phi_{15}^{9}\ \Phi_{12}^{8}\ \Phi_{10}^{8}\ \Phi_{8}^{19}\ \Phi_{6}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
128704	1711	2040	$\frac{11}{340}$	$\frac{1}{10}$	$\frac{329}{2040}$	$\frac{9}{20}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}\ \Phi_{102}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
128705	1711	1800	$\frac{89}{1800}$	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{9}{20}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
128706	1711	1750	$\frac{39}{1750}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{1750}\ \Phi_{875}\ \Phi_{350}\ \Phi_{250}\ \Phi_{175}\ \Phi_{125}\ \Phi_{50}\ \Phi_{35}\ \Phi_{25}\ \Phi_{7}\ \Phi_{1}$
128707	1711	3024	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{199}{1512}$	$\frac{1313}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{216}\ \Phi_{144}\ \Phi_{112}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
128708	1711	1862	$\frac{1}{19}$	$\frac{151}{1862}$	$\frac{18}{133}$	$\frac{115}{266}$	$\Phi_{1862}\ \Phi_{931}\ \Phi_{133}\ \Phi_{98}\ \Phi_{49}\ \Phi_{7}\ \Phi_{1}$
128709	1711	2964	$\frac{1}{19}$	$\frac{18}{247}$	$\frac{229}{1482}$	$\frac{1253}{2964}$	$\Phi_{2964}\ \Phi_{988}\ \Phi_{247}\ \Phi_{228}\ \Phi_{156}\ \Phi_{76}\ \Phi_{52}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
128710	1711	300	$\frac{1}{60}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{300}^{5}\ \Phi_{150}^{5}\ \Phi_{100}^{5}\ \Phi_{75}^{5}\ \Phi_{60}^{9}\ \Phi_{50}^{4}\ \Phi_{30}^{9}\ \Phi_{25}^{5}\ \Phi_{20}^{9}\ \Phi_{15}^{9}\ \Phi_{12}^{9}\ \Phi_{10}^{8}\ \Phi_{6}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
128711	1711	2940	$\frac{4}{245}$	$\frac{241}{1470}$	$\frac{1}{5}$	$\frac{1229}{2940}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{49}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
128712	1711	2556	$\frac{7}{852}$	$\frac{1}{6}$	$\frac{845}{2556}$	$\frac{5}{12}$	$\Phi_{2556}\ \Phi_{1278}\ \Phi_{639}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
128713	1711	1728	$\frac{17}{1728}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
128714	1711	180	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}^{5}\ \Phi_{45}^{12}\ \Phi_{36}^{11}\ \Phi_{30}^{5}\ \Phi_{20}^{5}\ \Phi_{18}^{11}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{11}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
128715	1711	300	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{300}^{10}\ \Phi_{100}^{9}\ \Phi_{60}^{10}\ \Phi_{30}^{9}\ \Phi_{20}^{9}\ \Phi_{15}^{9}\ \Phi_{12}^{10}\ \Phi_{10}^{8}\ \Phi_{6}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
128716	1711	1800	$\frac{89}{1800}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{61}{150}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
128717	1711	2880	$\frac{1}{90}$	$\frac{271}{1440}$	$\frac{89}{360}$	$\frac{1169}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{360}\ \Phi_{320}\ \Phi_{192}\ \Phi_{180}\ \Phi_{120}\ \Phi_{72}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
128718	1711	2880	$\frac{1}{18}$	$\frac{17}{288}$	$\frac{271}{1440}$	$\frac{1169}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
128719	1711	240	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{240}^{12}\ \Phi_{80}^{12}\ \Phi_{60}^{5}\ \Phi_{48}^{11}\ \Phi_{30}^{5}\ \Phi_{20}^{5}\ \Phi_{16}^{11}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
128720	1711	1760	$\frac{49}{1760}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{32}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
128721	1711	480	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{480}^{6}\ \Phi_{160}^{6}\ \Phi_{96}^{5}\ \Phi_{60}^{6}\ \Phi_{32}^{5}\ \Phi_{30}^{5}\ \Phi_{20}^{6}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
128722	1711	2760	$\frac{14}{345}$	$\frac{1}{15}$	$\frac{331}{1380}$	$\frac{1049}{2760}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{345}\ \Phi_{184}\ \Phi_{120}\ \Phi_{115}\ \Phi_{69}\ \Phi_{40}\ \Phi_{24}\ \Phi_{23}\ \Phi_{8}\ \Phi_{1}$
128723	1711	95	$\frac{3}{95}$	$\frac{8}{95}$	$\frac{23}{95}$	$\frac{36}{95}$	$\Phi_{95}^{18}\ \Phi_{19}^{18}\ \Phi_{5}^{18}\ \Phi_{1}^{19}$
128724	1711	2160	$\frac{1}{90}$	$\frac{449}{2160}$	$\frac{89}{360}$	$\frac{271}{720}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
128725	1711	960	$\frac{1}{30}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{960}^{2}\ \Phi_{480}^{2}\ \Phi_{320}^{2}\ \Phi_{240}^{2}\ \Phi_{192}^{2}\ \Phi_{160}^{2}\ \Phi_{96}^{2}\ \Phi_{80}^{2}\ \Phi_{64}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
128726	1711	2736	$\frac{1}{114}$	$\frac{113}{456}$	$\frac{343}{1368}$	$\frac{1025}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{144}\ \Phi_{76}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
128727	1711	2700	$\frac{1}{90}$	$\frac{89}{450}$	$\frac{361}{1350}$	$\frac{989}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{108}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
128728	1711	90	$\frac{1}{30}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{90}^{14}\ \Phi_{45}^{15}\ \Phi_{30}^{28}\ \Phi_{18}^{14}\ \Phi_{15}^{28}\ \Phi_{10}^{28}\ \Phi_{9}^{15}\ \Phi_{6}^{28}\ \Phi_{5}^{28}\ \Phi_{3}^{28}\ \Phi_{2}^{28}\ \Phi_{1}^{29}$
128729	1711	2592	$\frac{17}{432}$	$\frac{1}{18}$	$\frac{415}{1296}$	$\frac{881}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
128730	1711	1890	$\frac{1}{45}$	$\frac{179}{1890}$	$\frac{44}{135}$	$\frac{91}{270}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
128731	1711	2580	$\frac{9}{430}$	$\frac{1}{10}$	$\frac{421}{1290}$	$\frac{869}{2580}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{516}\ \Phi_{430}\ \Phi_{215}\ \Phi_{172}\ \Phi_{86}\ \Phi_{60}\ \Phi_{43}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
128732	1711	180	$\frac{1}{60}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^{9}\ \Phi_{90}^{9}\ \Phi_{60}^{11}\ \Phi_{45}^{9}\ \Phi_{36}^{8}\ \Phi_{30}^{11}\ \Phi_{20}^{11}\ \Phi_{18}^{8}\ \Phi_{15}^{11}\ \Phi_{12}^{10}\ \Phi_{10}^{11}\ \Phi_{9}^{9}\ \Phi_{6}^{10}\ \Phi_{5}^{11}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
128733	1711	2205	$\frac{4}{245}$	$\frac{1}{5}$	$\frac{494}{2205}$	$\frac{241}{735}$	$\Phi_{2205}\ \Phi_{441}\ \Phi_{315}\ \Phi_{245}\ \Phi_{63}\ \Phi_{49}\ \Phi_{45}\ \Phi_{35}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
128734	1711	2430	$\frac{1}{45}$	$\frac{91}{810}$	$\frac{719}{2430}$	$\frac{44}{135}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{486}\ \Phi_{243}\ \Phi_{135}\ \Phi_{27}\ \Phi_{1}$
128735	1711	2025	$\frac{1}{45}$	$\frac{314}{2025}$	$\frac{91}{405}$	$\frac{44}{135}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}\ \Phi_{27}\ \Phi_{25}\ \Phi_{1}$
128736	1711	2160	$\frac{1}{45}$	$\frac{91}{540}$	$\frac{449}{2160}$	$\frac{44}{135}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
128737	1711	1218	$\frac{1}{29}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{28}{87}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{406}^{2}\ \Phi_{203}^{2}\ \Phi_{174}\ \Phi_{87}^{2}\ \Phi_{58}^{2}\ \Phi_{42}^{2}\ \Phi_{29}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
128738	1711	2784	$\frac{1}{29}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{28}{87}$	$\Phi_{2784}\ \Phi_{1392}\ \Phi_{696}\ \Phi_{96}\ \Phi_{87}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
128739	1711	3045	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{28}{87}$	$\Phi_{3045}\ \Phi_{435}\ \Phi_{105}\ \Phi_{87}\ \Phi_{35}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
128740	1711	2520	$\frac{31}{840}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{809}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{63}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
128741	1711	2520	$\frac{31}{840}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{809}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{18}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
128742	1711	1980	$\frac{5}{132}$	$\frac{269}{1980}$	$\frac{1}{6}$	$\frac{127}{396}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{90}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
128743	1711	1872	$\frac{5}{78}$	$\frac{161}{1872}$	$\frac{1}{6}$	$\frac{73}{234}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
128744	1711	2223	$\frac{1}{19}$	$\frac{18}{247}$	$\frac{512}{2223}$	$\frac{229}{741}$	$\Phi_{2223}\ \Phi_{247}\ \Phi_{171}\ \Phi_{117}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
128745	1711	2475	$\frac{1}{15}$	$\frac{61}{825}$	$\frac{14}{75}$	$\frac{764}{2475}$	$\Phi_{2475}\ \Phi_{495}\ \Phi_{225}\ \Phi_{99}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{9}\ \Phi_{1}$
128746	1711	420	$\frac{1}{30}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{3}\ \Phi_{70}^{4}\ \Phi_{60}^{6}\ \Phi_{42}^{3}\ \Phi_{35}^{4}\ \Phi_{30}^{5}\ \Phi_{28}^{4}\ \Phi_{21}^{3}\ \Phi_{20}^{6}\ \Phi_{15}^{5}\ \Phi_{14}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
128747	1711	1785	$\frac{74}{1785}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{85}\ \Phi_{51}\ \Phi_{35}\ \Phi_{17}\ \Phi_{7}\ \Phi_{1}$
128748	1711	1995	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{284}{1995}$	$\frac{115}{399}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{285}\ \Phi_{133}\ \Phi_{105}\ \Phi_{95}\ \Phi_{35}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
128749	1711	2394	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{115}{798}$	$\frac{683}{2394}$	$\Phi_{2394}\ \Phi_{1197}\ \Phi_{342}\ \Phi_{171}\ \Phi_{133}\ \Phi_{126}\ \Phi_{63}\ \Phi_{18}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
128750	1711	1944	$\frac{1}{18}$	$\frac{233}{1944}$	$\frac{17}{108}$	$\frac{91}{324}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
128751	1711	2376	$\frac{5}{132}$	$\frac{127}{792}$	$\frac{1}{6}$	$\frac{665}{2376}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{132}\ \Phi_{108}\ \Phi_{66}\ \Phi_{54}\ \Phi_{44}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
128752	1711	360	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{6}\ \Phi_{72}^{5}\ \Phi_{60}^{6}\ \Phi_{40}^{6}\ \Phi_{36}^{5}\ \Phi_{30}^{5}\ \Phi_{24}^{5}\ \Phi_{20}^{6}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
128753	1711	2340	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{151}{780}$	$\frac{629}{2340}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{234}\ \Phi_{180}\ \Phi_{156}\ \Phi_{117}\ \Phi_{90}\ \Phi_{78}\ \Phi_{52}\ \Phi_{45}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
128754	1711	1800	$\frac{89}{1800}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
128755	1711	2112	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{401}{2112}$	$\frac{127}{528}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{64}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
128756	1711	76	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{17}{76}$	$\frac{9}{38}$	$\Phi_{76}^{29}\ \Phi_{38}^{12}\ \Phi_{19}^{20}\ \Phi_{4}^{29}\ \Phi_{2}^{12}\ \Phi_{1}^{21}$
128757	1711	2240	$\frac{31}{560}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{529}{2240}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
128758	1711	2240	$\frac{31}{560}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{529}{2240}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{64}\ \Phi_{35}\ \Phi_{32}\ \Phi_{7}\ \Phi_{1}$
128759	1711	1920	$\frac{1}{10}$	$\frac{209}{1920}$	$\frac{31}{240}$	$\frac{9}{40}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
128760	1711	1960	$\frac{1}{10}$	$\frac{31}{280}$	$\frac{249}{1960}$	$\frac{9}{40}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{245}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
128761	1711	1820	$\frac{109}{1820}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{140}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{182}\ \Phi_{130}\ \Phi_{91}\ \Phi_{65}\ \Phi_{52}\ \Phi_{35}\ \Phi_{26}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}$
128762	1711	2184	$\frac{5}{78}$	$\frac{73}{546}$	$\frac{1}{6}$	$\frac{473}{2184}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{364}\ \Phi_{312}\ \Phi_{168}\ \Phi_{156}\ \Phi_{104}\ \Phi_{84}\ \Phi_{78}\ \Phi_{56}\ \Phi_{52}\ \Phi_{39}\ \Phi_{28}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
128763	1711	2128	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{417}{2128}$	$\frac{115}{532}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{304}\ \Phi_{152}\ \Phi_{133}\ \Phi_{112}\ \Phi_{56}\ \Phi_{16}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
128764	1711	2160	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{91}{540}$	$\frac{449}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
128765	1711	2100	$\frac{31}{420}$	$\frac{4}{35}$	$\frac{389}{2100}$	$\frac{1}{5}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{35}\ \Phi_{25}\ \Phi_{7}\ \Phi_{1}$
128766	1711	1890	$\frac{179}{1890}$	$\frac{4}{35}$	$\frac{31}{210}$	$\frac{1}{5}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{54}\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
128767	1711	1960	$\frac{31}{280}$	$\frac{4}{35}$	$\frac{249}{1960}$	$\frac{1}{5}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{245}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{35}\ \Phi_{7}\ \Phi_{1}$
128768	1711	1980	$\frac{5}{66}$	$\frac{269}{1980}$	$\frac{1}{6}$	$\frac{61}{330}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{132}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{60}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
128769	1712	1281	$\frac{1}{427}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{213}{427}$	$\Phi_{1281}\ \Phi_{427}^{2}\ \Phi_{183}\ \Phi_{61}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
128770	1712	1711	$\frac{5}{1711}$	$\frac{429}{1711}$	$\frac{641}{1711}$	$\frac{853}{1711}$	$\Phi_{1711}\ \Phi_{59}\ \Phi_{29}\ \Phi_{1}^{2}$
128771	1712	2571	$\frac{3}{857}$	$\frac{215}{857}$	$\frac{1}{3}$	$\frac{427}{857}$	Φ_{2571}
128772	1712	1491	$\frac{1}{213}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{106}{213}$	$\Phi_{1491}\ \Phi_{497}\ \Phi_{213}^{2}\ \Phi_{71}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
128773	1712	1065	$\frac{1}{213}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{106}{213}$	$\Phi_{1065}^{2}\ \Phi_{355}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
128774	1712	1711	$\frac{9}{1711}$	$\frac{215}{1711}$	$\frac{748}{1711}$	$\frac{851}{1711}$	$\Phi_{1711}\ \Phi_{59}\ \Phi_{29}\ \Phi_{1}^{2}$
128775	1712	715	$\frac{1}{143}$	$\frac{1}{5}$	$\frac{36}{143}$	$\frac{71}{143}$	$\Phi_{715}^{3}\ \Phi_{65}^{3}\ \Phi_{55}^{3}\ \Phi_{5}^{2}$
128776	1712	1711	$\frac{13}{1711}$	$\frac{320}{1711}$	$\frac{431}{1711}$	$\frac{849}{1711}$	$\Phi_{1711}\ \Phi_{59}\ \Phi_{29}\ \Phi_{1}^{2}$
128777	1712	2571	$\frac{7}{857}$	$\frac{108}{857}$	$\frac{1}{3}$	$\frac{425}{857}$	Φ_{2571}
128778	1712	3180	$\frac{1}{106}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{105}{212}$	$\Phi_{3180}\ \Phi_{1060}\ \Phi_{636}\ \Phi_{212}^{2}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
128779	1712	1908	$\frac{1}{106}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{105}{212}$	$\Phi_{1908}^{2}\ \Phi_{636}\ \Phi_{212}^{2}\ \Phi_{36}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
128780	1712	1060	$\frac{1}{106}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{105}{212}$	$\Phi_{1060}^{3}\ \Phi_{212}^{4}\ \Phi_{20}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
128781	1712	413	$\frac{1}{59}$	$\frac{15}{413}$	$\frac{199}{413}$	$\frac{29}{59}$	$\Phi_{413}^{4}\ \Phi_{59}^{5}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
128782	1712	1239	$\frac{1}{59}$	$\frac{30}{413}$	$\frac{383}{1239}$	$\frac{29}{59}$	$\Phi_{1239}^2\ \Phi_{177}^2\ \Phi_{59}\ \Phi_{21}^2\ \Phi_3^2\ \Phi_1^2$
128783	1712	118	$\frac{1}{59}$	$\frac{11}{118}$	$\frac{15}{59}$	$\frac{29}{59}$	$\Phi_{118}^{16}\ \Phi_{59}^{13}\ \Phi_2^{16}\ \Phi_1^{14}$
128784	1712	841	$\frac{15}{841}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{413}{841}$	$\Phi_{841}^2\ \Phi_{29}^3\ \Phi_1^4$
128785	1712	3570	$\frac{2}{105}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{103}{210}$	$\Phi_{3570}\ \Phi_{1190}\ \Phi_{714}\ \Phi_{510}\ \Phi_{238}\ \Phi_{170}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
128786	1712	630	$\frac{2}{105}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{103}{210}$	$\Phi_{630}^6\ \Phi_{210}^4\ \Phi_{126}^6\ \Phi_{90}^6\ \Phi_{70}^4\ \Phi_{45}\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{18}^6\ \Phi_{15}\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
128787	1712	387	$\frac{1}{43}$	$\frac{1}{9}$	$\frac{22}{129}$	$\frac{21}{43}$	$\Phi_{387}^5\ \Phi_{129}^3\ \Phi_{43}^4\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
128788	1712	1045	$\frac{5}{209}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{102}{209}$	$\Phi_{1045}^2\ \Phi_{95}^2\ \Phi_{55}^3\ \Phi_5^2$
128789	1712	585	$\frac{1}{39}$	$\frac{10}{117}$	$\frac{1}{5}$	$\frac{19}{39}$	$\Phi_{585}^4\ \Phi_{195}^3\ \Phi_{65}^3\ \Phi_{45}^4\ \Phi_{15}^3\ \Phi_5^2$
128790	1712	2448	$\frac{1}{36}$	$\frac{1}{17}$	$\frac{37}{144}$	$\frac{35}{72}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{612}\ \Phi_{306}\ \Phi_{272}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
128791	1712	3536	$\frac{3}{104}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{101}{208}$	$\Phi_{3536}\ \Phi_{272}\ \Phi_{68}\ \Phi_{34}$
128792	1712	1040	$\frac{3}{104}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{101}{208}$	$\Phi_{1040}^4\ \Phi_{80}^4\ \Phi_{65}$
128793	1712	1155	$\frac{1}{33}$	$\frac{17}{231}$	$\frac{1}{5}$	$\frac{16}{33}$	$\Phi_{1155}^2\ \Phi_{385}^2\ \Phi_{165}\ \Phi_{105}^2\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{15}$
128794	1712	1653	$\frac{1}{29}$	$\frac{59}{1653}$	$\frac{28}{87}$	$\frac{797}{1653}$	$\Phi_{1653}\ \Phi_{551}\ \Phi_{87}^2\ \Phi_{57}\ \Phi_{29}\ \Phi_{19}\ \Phi_3^2\ \Phi_1^2$
128795	1712	145	$\frac{1}{29}$	$\frac{7}{145}$	$\frac{38}{145}$	$\frac{69}{145}$	$\Phi_{145}^{12}\ \Phi_{29}^{11}\ \Phi_5^{12}\ \Phi_1^{12}$
128796	1712	204	$\frac{5}{102}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{97}{204}$	$\Phi_{204}^{16}\ \Phi_{102}\ \Phi_{68}^{16}\ \Phi_{51}\ \Phi_{34}\ \Phi_{12}^{16}\ \Phi_4^{16}$
128797	1712	203	$\frac{1}{29}$	$\frac{11}{203}$	$\frac{7}{29}$	$\frac{96}{203}$	$\Phi_{203}^8\ \Phi_{29}^{11}\ \Phi_7^8\ \Phi_1^{12}$
128798	1712	795	$\frac{1}{53}$	$\frac{1}{15}$	$\frac{52}{159}$	$\frac{7}{15}$	$\Phi_{795}^2\ \Phi_{265}^2\ \Phi_{159}^3\ \Phi_{53}^2\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
128799	1712	1595	$\frac{1}{29}$	$\frac{117}{1595}$	$\frac{28}{145}$	$\frac{739}{1595}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}^2\ \Phi_{55}\ \Phi_{29}\ \Phi_{11}\ \Phi_5^2\ \Phi_1^2$
128800	1712	1593	$\frac{1}{59}$	$\frac{119}{1593}$	$\frac{58}{177}$	$\frac{737}{1593}$	$\Phi_{1593}\ \Phi_{531}\ \Phi_{177}^2\ \Phi_{59}\ \Phi_{27}\ \Phi_9\ \Phi_3^2\ \Phi_1^2$
128801	1712	1105	$\frac{7}{221}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{1105}^2\ \Phi_{85}^2\ \Phi_{65}$
128802	1712	261	$\frac{1}{29}$	$\frac{7}{87}$	$\frac{47}{261}$	$\frac{40}{87}$	$\Phi_{261}^8\ \Phi_{87}^4\ \Phi_{29}^3\ \Phi_9^8\ \Phi_3^4\ \Phi_1^4$
128803	1712	990	$\frac{1}{33}$	$\frac{8}{99}$	$\frac{1}{5}$	$\frac{91}{198}$	$\Phi_{990}^4\ \Phi_{330}^4\ \Phi_{165}\ \Phi_{110}^4\ \Phi_{90}^4\ \Phi_{55}\ \Phi_{30}^4\ \Phi_{15}\ \Phi_{10}^4$
128804	1712	3366	$\frac{1}{17}$	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{198}$	$\Phi_{3366}\ \Phi_{1122}\ \Phi_{374}\ \Phi_{306}\ \Phi_{153}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
128805	1712	2040	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{13}{120}$	$\frac{11}{24}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
128806	1712	118	$\frac{4}{59}$	$\frac{5}{59}$	$\frac{11}{118}$	$\frac{27}{59}$	$\Phi_{118}^{16}\ \Phi_{59}^{13}\ \Phi_2^{16}\ \Phi_1^{14}$
128807	1712	110	$\frac{3}{110}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{110}^{16}\ \Phi_{55}^{15}\ \Phi_{22}^{16}\ \Phi_{11}^{16}\ \Phi_{10}^{16}\ \Phi_5^{14}\ \Phi_2^{16}\ \Phi_1^{16}$
128808	1712	783	$\frac{1}{29}$	$\frac{73}{783}$	$\frac{14}{87}$	$\frac{355}{783}$	$\Phi_{783}^2\ \Phi_{261}^2\ \Phi_{87}^4\ \Phi_{29}^3\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3^4\ \Phi_1^4$
128809	1712	195	$\frac{1}{39}$	$\frac{19}{195}$	$\frac{1}{5}$	$\frac{88}{195}$	$\Phi_{195}^9\ \Phi_{65}^9\ \Phi_{39}^8\ \Phi_{15}^9\ \Phi_{13}^8\ \Phi_5^8\ \Phi_3^8\ \Phi_1^8$
128810	1712	295	$\frac{1}{59}$	$\frac{29}{295}$	$\frac{81}{295}$	$\frac{133}{295}$	$\Phi_{295}^6\ \Phi_{59}^5\ \Phi_5^6\ \Phi_1^6$
128811	1712	435	$\frac{7}{435}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{435}^4\ \Phi_{145}^4\ \Phi_{87}^4\ \Phi_{29}^3\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^4\ \Phi_1^4$
128812	1712	3264	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{85}{192}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
128813	1712	118	$\frac{3}{59}$	$\frac{11}{118}$	$\frac{7}{59}$	$\frac{26}{59}$	$\Phi_{118}^{16}\ \Phi_{59}^{13}\ \Phi_2^{16}\ \Phi_1^{14}$
128814	1712	756	$\frac{1}{108}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}^4\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{54}^4\ \Phi_{42}^2\ \Phi_{36}^4\ \Phi_{28}^2\ \Phi_{27}^4\ \Phi_{21}\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_9^4\ \Phi_7^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
128815	1712	994	$\frac{1}{71}$	$\frac{1}{7}$	$\frac{35}{142}$	$\frac{3}{7}$	$\Phi_{994}^2\ \Phi_{497}\ \Phi_{142}^4\ \Phi_{71}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
128816	1712	1475	$\frac{1}{59}$	$\frac{237}{1475}$	$\frac{58}{295}$	$\frac{619}{1475}$	$\Phi_{1475}\ \Phi_{295}^2\ \Phi_{59}\ \Phi_{25}\ \Phi_5^2\ \Phi_1^2$
128817	1712	531	$\frac{1}{59}$	$\frac{29}{177}$	$\frac{103}{531}$	$\frac{74}{177}$	$\Phi_{531}^4\ \Phi_{177}^2\ \Phi_{59}\ \Phi_9^4\ \Phi_3^2\ \Phi_1^2$
128818	1712	1836	$\frac{1}{108}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
128819	1712	725	$\frac{1}{29}$	$\frac{14}{145}$	$\frac{131}{725}$	$\frac{297}{725}$	$\Phi_{725}^2\ \Phi_{145}^4\ \Phi_{29}^3\ \Phi_{25}^2\ \Phi_5^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
128820	1712	3060	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{17}{90}$	$\frac{73}{180}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
128821	1712	990	$\frac{3}{110}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_6^2$
128822	1712	177	$\frac{1}{59}$	$\frac{29}{177}$	$\frac{37}{177}$	$\frac{70}{177}$	$\Phi_{177}^{10}\ \Phi_{59}^9\ \Phi_3^{10}\ \Phi_1^{10}$
128823	1712	174	$\frac{1}{29}$	$\frac{7}{87}$	$\frac{20}{87}$	$\frac{67}{174}$	$\Phi_{174}^{16}\ \Phi_{87}^4\ \Phi_{58}^{16}\ \Phi_{29}^3\ \Phi_6^{16}\ \Phi_3^4\ \Phi_2^{16}\ \Phi_1^4$
128824	1712	116	$\frac{1}{29}$	$\frac{9}{116}$	$\frac{7}{29}$	$\frac{11}{29}$	$\Phi_{116}^{16}\ \Phi_{58}^{16}\ \Phi_{29}^{11}\ \Phi_4^{16}\ \Phi_2^{16}\ \Phi_1^{12}$
128825	1712	1548	$\frac{1}{43}$	$\frac{1}{9}$	$\frac{21}{86}$	$\frac{65}{172}$	$\Phi_{1548}^2\ \Phi_{516}^2\ \Phi_{387}\ \Phi_{129}\ \Phi_{36}^2\ \Phi_{12}^2$
128826	1712	1711	$\frac{11}{1711}$	$\frac{425}{1711}$	$\frac{534}{1711}$	$\frac{643}{1711}$	$\Phi_{1711}\ \Phi_{59}\ \Phi_{29}\ \Phi_1^2$
128827	1712	2571	$\frac{5}{857}$	$\frac{213}{857}$	$\frac{1}{3}$	$\frac{322}{857}$	Φ_{2571}
128828	1712	1904	$\frac{5}{112}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{272}\ \Phi_{238}\ \Phi_{119}\ \Phi_{68}\ \Phi_{34}$
128829	1712	1305	$\frac{1}{29}$	$\frac{28}{435}$	$\frac{407}{1305}$	$\frac{449}{1305}$	$\Phi_{1305}\ \Phi_{435}^2\ \Phi_{261}\ \Phi_{145}^2\ \Phi_{87}^2\ \Phi_{45}\ \Phi_{29}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
128830	1712	2754	$\frac{1}{27}$	$\frac{1}{17}$	$\frac{26}{81}$	$\frac{55}{162}$	$\Phi_{2754}\ \Phi_{918}\ \Phi_{459}\ \Phi_{306}\ \Phi_{153}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
128831	1712	645	$\frac{1}{215}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{645}^3\ \Phi_{215}^2\ \Phi_{129}^3\ \Phi_{43}^2\ \Phi_{15}^3\ \Phi_5^2$
128832	1712	1281	$\frac{3}{427}$	$\frac{106}{427}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1281}\ \Phi_{427}^2\ \Phi_{183}\ \Phi_{61}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
128833	1712	540	$\frac{1}{108}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
128834	1712	651	$\frac{3}{217}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{651}^2\ \Phi_{217}^4\ \Phi_{93}^2\ \Phi_{31}^4\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
128835	1712	366	$\frac{1}{61}$	$\frac{15}{122}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{366}^4\ \Phi_{183}^3\ \Phi_{122}^8\ \Phi_{61}^6\ \Phi_6^4\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
128836	1712	3195	$\frac{2}{213}$	$\frac{1}{5}$	$\frac{211}{639}$	$\frac{1}{3}$	$\Phi_{3195}\ \Phi_{45}\ \Phi_{15}$
128837	1712	477	$\frac{1}{53}$	$\frac{1}{9}$	$\frac{52}{159}$	$\frac{1}{3}$	$\Phi_{477}^4\ \Phi_{159}^3\ \Phi_{53}^2\ \Phi_9^6\ \Phi_3^4\ \Phi_1^4$
128838	1712	2130	$\frac{1}{71}$	$\frac{1}{5}$	$\frac{35}{142}$	$\frac{1}{3}$	$\Phi_{2130}^2\ \Phi_{1065}\ \Phi_{30}^2\ \Phi_{15}^2$
128839	1712	2142	$\frac{1}{17}$	$\frac{2}{21}$	$\frac{19}{126}$	$\frac{1}{3}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{714}\ \Phi_{306}\ \Phi_{238}\ \Phi_{153}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
128840	1712	2040	$\frac{1}{17}$	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
128841	1712	531	$\frac{1}{59}$	$\frac{103}{531}$	$\frac{119}{531}$	$\frac{58}{177}$	$\Phi_{531}^3\ \Phi_{177}^4\ \Phi_{59}^3\ \Phi_9^3\ \Phi_3^4\ \Phi_1^4$
128842	1712	795	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{52}{159}$	$\Phi_{795}^3\ \Phi_{159}^4\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
128843	1712	495	$\frac{1}{33}$	$\frac{67}{495}$	$\frac{1}{5}$	$\frac{32}{99}$	$\Phi_{495}^3\ \Phi_{165}^4\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{45}^3\ \Phi_{33}^4\ \Phi_{15}^4\ \Phi_{11}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
128844	1712	315	$\frac{4}{105}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{101}{315}$	$\Phi_{315}^5\ \Phi_{105}^6\ \Phi_{63}^5\ \Phi_{45}^6\ \Phi_{35}^6\ \Phi_{21}^6\ \Phi_{15}^7\ \Phi_9^5\ \Phi_7^6\ \Phi_5^6\ \Phi_3^6\ \Phi_1^6$
128845	1712	3135	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{199}{627}$	$\Phi_{3135}\ \Phi_{285}\ \Phi_{165}\ \Phi_{55}\ \Phi_{15}$
128846	1712	2652	$\frac{3}{52}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{49}{156}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{663}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
128847	1712	780	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{49}{156}$	$\Phi_{780}^4\ \Phi_{390}^4\ \Phi_{195}^4\ \Phi_{65}\ \Phi_{60}^4\ \Phi_{30}^4\ \Phi_{15}^4$
128848	1712	609	$\frac{1}{29}$	$\frac{22}{203}$	$\frac{7}{29}$	$\frac{181}{609}$	$\Phi_{609}^4\ \Phi_{87}^4\ \Phi_{29}^3\ \Phi_{21}^4\ \Phi_3^4\ \Phi_1^4$
128849	1712	261	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{47}{261}$	$\frac{73}{261}$	$\Phi_{261}^6\ \Phi_{87}^8\ \Phi_{29}^7\ \Phi_9^6\ \Phi_3^8\ \Phi_1^8$
128850	1712	1485	$\frac{1}{33}$	$\frac{16}{99}$	$\frac{1}{5}$	$\frac{83}{297}$	$\Phi_{1485}^2\ \Phi_{165}\ \Phi_{135}^2\ \Phi_{55}\ \Phi_{15}$
128851	1712	585	$\frac{1}{39}$	$\frac{38}{195}$	$\frac{1}{5}$	$\frac{157}{585}$	$\Phi_{585}^4\ \Phi_{195}\ \Phi_{117}^4\ \Phi_{65}\ \Phi_{45}^4\ \Phi_{15}\ \Phi_9^4$
128852	1712	225	$\frac{11}{225}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{225}^8\ \Phi_{75}^8\ \Phi_{45}^6\ \Phi_{25}^8\ \Phi_{15}^7\ \Phi_9^5\ \Phi_5^6\ \Phi_3^6\ \Phi_1^6$
128853	1712	2448	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{144}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
128854	1712	140	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{33}{140}$	$\frac{1}{4}$	$\Phi_{140}^{11}\ \Phi_{70}^{11}\ \Phi_{35}^{16}\ \Phi_{28}^{11}\ \Phi_{20}^{11}\ \Phi_{14}^{11}\ \Phi_{10}^{11}\ \Phi_7^{16}\ \Phi_5^{16}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{16}$
128855	1712	660	$\frac{1}{33}$	$\frac{25}{132}$	$\frac{1}{5}$	$\frac{8}{33}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{220}^4\ \Phi_{165}\ \Phi_{110}^4\ \Phi_{60}^4\ \Phi_{55}\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{10}^4$
128856	1712	413	$\frac{3}{59}$	$\frac{45}{413}$	$\frac{92}{413}$	$\frac{14}{59}$	$\Phi_{413}^4\ \Phi_{59}^5\ \Phi_7^4\ \Phi_1^6$
128857	1712	1260	$\frac{2}{35}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{33}{140}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
128858	1712	585	$\frac{1}{13}$	$\frac{10}{117}$	$\frac{1}{5}$	$\frac{3}{13}$	$\Phi_{585}^{4}\ \Phi_{195}^{4}\ \Phi_{65}\ \Phi_{45}^{4}\ \Phi_{15}^{4}$
128859	1712	130	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{130}$	$\frac{1}{5}$	$\Phi_{130}^{12}\ \Phi_{65}^{13}\ \Phi_{26}^{16}\ \Phi_{13}^{16}\ \Phi_{10}^{12}\ \Phi_{5}^{12}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
128860	1712	360	$\frac{13}{120}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{4}\ \Phi_{90}^{6}\ \Phi_{72}^{6}\ \Phi_{60}^{4}\ \Phi_{45}\ \Phi_{40}^{4}\ \Phi_{36}^{6}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{4}\ \Phi_{18}^{6}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
128861	1712	2205	$\frac{1}{9}$	$\frac{4}{35}$	$\frac{31}{245}$	$\frac{1}{5}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{441}\ \Phi_{147}\ \Phi_{45}\ \Phi_{15}$
128862	1713	2288	$\frac{3}{572}$	$\frac{1}{4}$	$\frac{575}{2288}$	$\frac{569}{1144}$	$\Phi_{2288}\ \Phi_{572}\ \Phi_{286}\ \Phi_{208}\ \Phi_{176}\ \Phi_{143}\ \Phi_{52}\ \Phi_{44}\ \Phi_{26}\ \Phi_{22}\ \Phi_{16}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}$
128863	1713	1136	$\frac{3}{568}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{565}{1136}$	$\Phi_{1136}^{3}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
128864	1713	3392	$\frac{17}{1696}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{1679}{3392}$	$\Phi_{3392}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
128865	1713	2244	$\frac{10}{561}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{551}{1122}$	$\Phi_{2244}\ \Phi_{748}\ \Phi_{561}\ \Phi_{204}\ \Phi_{187}\ \Phi_{132}\ \Phi_{68}\ \Phi_{51}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{22}\ \Phi_{17}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
128866	1713	624	$\frac{1}{52}$	$\frac{53}{624}$	$\frac{1}{4}$	$\frac{51}{104}$	$\Phi_{624}^{3}\ \Phi_{312}^{3}\ \Phi_{208}^{3}\ \Phi_{156}^{3}\ \Phi_{78}^{3}\ \Phi_{52}^{3}\ \Phi_{48}^{3}\ \Phi_{39}^{3}\ \Phi_{26}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{13}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
128867	1713	1120	$\frac{11}{560}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{549}{1120}$	$\Phi_{1120}^{3}\ \Phi_{224}^{3}\ \Phi_{160}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
128868	1713	1120	$\frac{11}{560}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{549}{1120}$	$\Phi_{1120}^{3}\ \Phi_{224}^{3}\ \Phi_{160}^{3}\ \Phi_{40}\ \Phi_{32}^{3}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
128869	1713	688	$\frac{7}{344}$	$\frac{1}{8}$	$\frac{117}{688}$	$\frac{337}{688}$	$\Phi_{688}^{2}\ \Phi_{344}^{3}\ \Phi_{172}^{3}\ \Phi_{86}^{3}\ \Phi_{43}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
128870	1713	2236	$\frac{12}{559}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{547}{1118}$	$\Phi_{2236}\ \Phi_{559}\ \Phi_{172}\ \Phi_{52}^{2}\ \Phi_{43}\ \Phi_{26}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
128871	1713	616	$\frac{1}{44}$	$\frac{45}{616}$	$\frac{1}{4}$	$\frac{43}{88}$	$\Phi_{616}^{3}\ \Phi_{308}^{3}\ \Phi_{154}^{3}\ \Phi_{77}^{3}\ \Phi_{56}^{3}\ \Phi_{44}^{3}\ \Phi_{28}^{3}\ \Phi_{22}^{3}\ \Phi_{14}^{3}\ \Phi_{11}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
128872	1713	3344	$\frac{41}{1672}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1631}{3344}$	$\Phi_{3344}\ \Phi_{304}\ \Phi_{176}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
128873	1713	768	$\frac{5}{192}$	$\frac{1}{16}$	$\frac{197}{768}$	$\frac{187}{384}$	$\Phi_{768}^{3}\ \Phi_{256}^{3}\ \Phi_{192}^{3}\ \Phi_{96}^{3}\ \Phi_{64}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
128874	1713	3328	$\frac{49}{1664}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{1615}{3328}$	$\Phi_{3328}\ \Phi_{256}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
128875	1713	3328	$\frac{49}{1664}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1615}{3328}$	$\Phi_{3328}\ \Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
128876	1713	1100	$\frac{21}{550}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{529}{1100}$	$\Phi_{1100}\ \Phi_{550}^{2}\ \Phi_{275}^{2}\ \Phi_{220}\ \Phi_{110}^{2}\ \Phi_{100}\ \Phi_{55}^{2}\ \Phi_{50}^{2}\ \Phi_{44}^{3}\ \Phi_{25}^{2}\ \Phi_{22}^{3}\ \Phi_{20}\ \Phi_{11}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
128877	1713	1092	$\frac{1}{26}$	$\frac{25}{546}$	$\frac{1}{4}$	$\frac{521}{1092}$	$\Phi_{1092}\ \Phi_{546}^{2}\ \Phi_{364}\ \Phi_{273}^{2}\ \Phi_{182}^{2}\ \Phi_{156}\ \Phi_{91}^{2}\ \Phi_{84}\ \Phi_{78}^{2}\ \Phi_{52}^{3}\ \Phi_{42}^{2}\ \Phi_{39}^{2}\ \Phi_{28}\ \Phi_{26}^{3}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{13}^{3}\ \Phi_{12}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
128878	1713	1088	$\frac{27}{544}$	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{517}{1088}$	$\Phi_{1088}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
128879	1713	1768	$\frac{55}{1768}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{442}\ \Phi_{221}\ \Phi_{136}\ \Phi_{68}\ \Phi_{52}\ \Phi_{34}\ \Phi_{26}\ \Phi_{17}\ \Phi_{13}\ \Phi_{1}$
128880	1713	1760	$\frac{47}{1760}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{32}\ \Phi_{22}\ \Phi_{20}\ \Phi_{16}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
128881	1713	640	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{69}{640}$	$\frac{59}{128}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{80}^{3}\ \Phi_{64}^{3}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
128882	1713	1056	$\frac{1}{44}$	$\frac{43}{528}$	$\frac{1}{4}$	$\frac{485}{1056}$	$\Phi_{1056}^{3}\ \Phi_{352}^{3}\ \Phi_{96}^{3}\ \Phi_{44}^{3}\ \Phi_{32}^{3}\ \Phi_{22}^{3}\ \Phi_{11}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
128883	1713	1056	$\frac{1}{16}$	$\frac{43}{528}$	$\frac{5}{48}$	$\frac{485}{1056}$	$\Phi_{1056}^{3}\ \Phi_{352}^{3}\ \Phi_{96}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
128884	1713	1040	$\frac{1}{52}$	$\frac{51}{520}$	$\frac{1}{4}$	$\frac{469}{1040}$	$\Phi_{1040}^{3}\ \Phi_{208}^{3}\ \Phi_{80}^{3}\ \Phi_{52}^{3}\ \Phi_{26}^{3}\ \Phi_{16}^{3}\ \Phi_{13}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
128885	1713	1024	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{59}{512}$	$\frac{453}{1024}$	$\Phi_{1024}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
128886	1713	1760	$\frac{47}{1760}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{32}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
128887	1713	960	$\frac{5}{96}$	$\frac{1}{16}$	$\frac{91}{480}$	$\frac{389}{960}$	$\Phi_{960}^{3}\ \Phi_{320}^{3}\ \Phi_{192}^{3}\ \Phi_{96}^{3}\ \Phi_{64}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
128888	1713	1792	$\frac{79}{1792}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
128889	1713	2752	$\frac{7}{344}$	$\frac{1}{8}$	$\frac{337}{1376}$	$\frac{1039}{2752}$	$\Phi_{2752}\ \Phi_{344}\ \Phi_{172}\ \Phi_{86}\ \Phi_{64}\ \Phi_{43}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
128890	1713	576	$\frac{5}{576}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
128891	1713	864	$\frac{5}{144}$	$\frac{1}{16}$	$\frac{139}{432}$	$\frac{293}{864}$	$\Phi_{864}^3\ \Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
128892	1713	1716	$\frac{1}{143}$	$\frac{1}{4}$	$\frac{142}{429}$	$\frac{287}{858}$	$\Phi_{1716}\ \Phi_{572}^2\ \Phi_{429}\ \Phi_{286}\ \Phi_{156}\ \Phi_{143}\ \Phi_{132}\ \Phi_{52}^2\ \Phi_{44}^2\ \Phi_{39}\ \Phi_{33}\ \Phi_{26}\ \Phi_{22}\ \Phi_{13}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_3\ \Phi_1$
128893	1713	856	$\frac{1}{214}$	$\frac{71}{214}$	$\frac{285}{856}$	$\frac{143}{428}$	$\Phi_{856}^3\ \Phi_{214}^2\ \Phi_{107}^2\ \Phi_8^3\ \Phi_2^2\ \Phi_1^3$
128894	1713	735	$\frac{2}{245}$	$\frac{164}{735}$	$\frac{81}{245}$	$\frac{1}{3}$	$\Phi_{735}^2\ \Phi_{245}^3\ \Phi_{147}^2\ \Phi_{105}^2\ \Phi_{49}^3\ \Phi_{35}^3\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^3\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
128895	1713	852	$\frac{3}{284}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{281}{852}$	$\Phi_{852}^3\ \Phi_{426}^3\ \Phi_{213}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
128896	1713	660	$\frac{1}{44}$	$\frac{89}{660}$	$\frac{1}{4}$	$\frac{43}{132}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}^3\ \Phi_{110}^3\ \Phi_{60}^3\ \Phi_{55}^3\ \Phi_{44}^3\ \Phi_{30}^3\ \Phi_{22}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{11}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
128897	1713	624	$\frac{1}{26}$	$\frac{53}{624}$	$\frac{1}{4}$	$\frac{25}{78}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{156}\ \Phi_{104}^3\ \Phi_{78}^2\ \Phi_{52}^3\ \Phi_{48}^3\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{13}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
128898	1713	840	$\frac{11}{280}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{269}{840}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{40}\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{20}\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_6^3\ \Phi_5\ \Phi_3^3\ \Phi_1$
128899	1713	836	$\frac{41}{836}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{265}{836}$	$\Phi_{836}^2\ \Phi_{418}^2\ \Phi_{209}^2\ \Phi_{76}^2\ \Phi_{44}^3\ \Phi_{38}^2\ \Phi_{22}^3\ \Phi_{19}^2\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
128900	1713	832	$\frac{3}{52}$	$\frac{49}{832}$	$\frac{1}{4}$	$\frac{261}{832}$	$\Phi_{832}^2\ \Phi_{416}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{64}^2\ \Phi_{52}^3\ \Phi_{32}^2\ \Phi_{26}^3\ \Phi_{16}^2\ \Phi_{13}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
128901	1713	832	$\frac{49}{832}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{261}{832}$	$\Phi_{832}^2\ \Phi_{416}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{64}^3\ \Phi_{52}^2\ \Phi_{32}^3\ \Phi_{26}^2\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
128902	1713	672	$\frac{1}{16}$	$\frac{11}{112}$	$\frac{101}{672}$	$\frac{5}{16}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
128903	1713	640	$\frac{1}{16}$	$\frac{69}{640}$	$\frac{11}{80}$	$\frac{5}{16}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
128904	1713	1188	$\frac{23}{594}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{1188}^2\ \Phi_{594}\ \Phi_{396}^2\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}^2\ \Phi_{99}\ \Phi_{54}\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
128905	1713	792	$\frac{1}{44}$	$\frac{43}{264}$	$\frac{1}{4}$	$\frac{221}{792}$	$\Phi_{792}^3\ \Phi_{396}^3\ \Phi_{198}^3\ \Phi_{99}^3\ \Phi_{72}^3\ \Phi_{44}^3\ \Phi_{36}^3\ \Phi_{22}^3\ \Phi_{18}^3\ \Phi_{11}^3\ \Phi_9^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
128906	1713	600	$\frac{29}{600}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^3\ \Phi_{40}\ \Phi_{30}^3\ \Phi_{25}^3\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_6^3\ \Phi_5\ \Phi_3^3\ \Phi_1$
128907	1713	780	$\frac{1}{52}$	$\frac{51}{260}$	$\frac{1}{4}$	$\frac{209}{780}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{195}^3\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{60}^3\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{30}^3\ \Phi_{26}^3\ \Phi_{15}^3\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
128908	1713	768	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{59}{256}$	$\frac{197}{768}$	$\Phi_{768}^3\ \Phi_{384}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
128909	1713	704	$\frac{1}{44}$	$\frac{133}{704}$	$\frac{43}{176}$	$\frac{1}{4}$	$\Phi_{704}^3\ \Phi_{352}^3\ \Phi_{64}^3\ \Phi_{44}^3\ \Phi_{32}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
128910	1713	748	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{177}{748}$	$\frac{1}{4}$	$\Phi_{748}^2\ \Phi_{374}^2\ \Phi_{187}^3\ \Phi_{68}^2\ \Phi_{44}^3\ \Phi_{34}^2\ \Phi_{22}^3\ \Phi_{17}^3\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
128911	1713	624	$\frac{3}{52}$	$\frac{53}{624}$	$\frac{49}{208}$	$\frac{1}{4}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^2\ \Phi_{156}^3\ \Phi_{104}^2\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{48}^3\ \Phi_{39}^3\ \Phi_{26}^3\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
128912	1713	728	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{157}{728}$	$\frac{1}{4}$	$\Phi_{728}^3\ \Phi_{364}\ \Phi_{182}^2\ \Phi_{104}^3\ \Phi_{91}^2\ \Phi_{56}^3\ \Phi_{52}^3\ \Phi_{28}\ \Phi_{26}^3\ \Phi_{14}^2\ \Phi_{13}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
128913	1713	660	$\frac{1}{22}$	$\frac{89}{660}$	$\frac{21}{110}$	$\frac{1}{4}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{110}^2\ \Phi_{66}^3\ \Phi_{60}^3\ \Phi_{55}^2\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{22}^3\ \Phi_{20}\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
128914	1713	2080	$\frac{3}{52}$	$\frac{49}{416}$	$\frac{367}{2080}$	$\frac{1}{4}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{160}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_1$
128915	1713	2240	$\frac{33}{560}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{527}{2240}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
128916	1713	640	$\frac{69}{640}$	$\frac{1}{8}$	$\frac{11}{80}$	$\frac{7}{40}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{40}\ \Phi_{32}^3\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
128917	1713	1960	$\frac{33}{280}$	$\frac{1}{8}$	$\frac{247}{1960}$	$\frac{7}{40}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{245}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
128918	1714	1710	$\frac{2}{855}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{853}{1710}$	$\Phi_{1710}^2\ \Phi_{570}^2\ \Phi_{342}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{90}^2\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
128919	1714	3432	$\frac{1}{286}$	$\frac{287}{1144}$	$\frac{1}{3}$	$\frac{285}{572}$	$\Phi_{3432}\ \Phi_{858}\ \Phi_{429}\ \Phi_{312}\ \Phi_{264}\ \Phi_{78}\ \Phi_{66}\ \Phi_{39}\ \Phi_{33}\ \Phi_{24}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
128920	1714	1704	$\frac{5}{852}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{847}{1704}$	$\Phi_{1704}^2\ \Phi_{568}^2\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
128921	1714	5082	$\frac{10}{847}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{837}{1694}$	$\Phi_{5082}\ \Phi_{726}\ \Phi_{462}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{6}$
128922	1714	936	$\frac{1}{78}$	$\frac{79}{936}$	$\frac{1}{3}$	$\frac{77}{156}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{39}^2\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
128923	1714	5070	$\frac{12}{845}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{833}{1690}$	$\Phi_{5070}\ \Phi_{1014}\ \Phi_{390}\ \Phi_{78}\ \Phi_{39}\ \Phi_{30}\ \Phi_{6}$
128924	1714	924	$\frac{1}{66}$	$\frac{67}{924}$	$\frac{1}{3}$	$\frac{65}{132}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
128925	1714	1683	$\frac{31}{1683}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{826}{1683}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}\ \Phi_{99}\ \Phi_{51}\ \Phi_{33}^2\ \Phi_{17}\ \Phi_{11}^2\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
128926	1714	1677	$\frac{37}{1677}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{820}{1677}$	$\Phi_{1677}\ \Phi_{559}\ \Phi_{129}\ \Phi_{43}\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_{3}\ \Phi_{1}^2$
128927	1714	5016	$\frac{21}{836}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{815}{1672}$	$\Phi_{5016}\ \Phi_{456}\ \Phi_{264}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{6}$
128928	1714	4992	$\frac{25}{832}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{807}{1664}$	$\Phi_{4992}\ \Phi_{384}\ \Phi_{78}\ \Phi_{39}\ \Phi_{6}$
128929	1714	2652	$\frac{27}{884}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{663}\ \Phi_{204}\ \Phi_{102}\ \Phi_{78}\ \Phi_{51}\ \Phi_{39}\ \Phi_{6}$
128930	1714	1650	$\frac{1}{33}$	$\frac{32}{825}$	$\frac{1}{3}$	$\frac{793}{1650}$	$\Phi_{1650}^2\ \Phi_{550}^2\ \Phi_{330}^2\ \Phi_{150}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{50}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
128931	1714	2640	$\frac{23}{880}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{165}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{48}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{6}$
128932	1714	1638	$\frac{1}{39}$	$\frac{38}{819}$	$\frac{1}{3}$	$\frac{781}{1638}$	$\Phi_{1638}^2\ \Phi_{546}^2\ \Phi_{234}^2\ \Phi_{182}^2\ \Phi_{126}^2\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
128933	1714	1584	$\frac{1}{66}$	$\frac{65}{792}$	$\frac{1}{3}$	$\frac{727}{1584}$	$\Phi_{1584}^2\ \Phi_{528}^2\ \Phi_{176}^2\ \Phi_{144}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
128934	1714	1560	$\frac{1}{78}$	$\frac{77}{780}$	$\frac{1}{3}$	$\frac{703}{1560}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}^2\ \Phi_{120}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{40}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{13}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
128935	1714	864	$\frac{7}{864}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
128936	1714	4290	$\frac{1}{143}$	$\frac{142}{715}$	$\frac{1}{3}$	$\frac{573}{1430}$	$\Phi_{4290}\ \Phi_{858}\ \Phi_{429}\ \Phi_{390}\ \Phi_{330}\ \Phi_{78}\ \Phi_{66}\ \Phi_{39}\ \Phi_{33}\ \Phi_{30}\ \Phi_{6}$
128937	1714	1287	$\frac{2}{429}$	$\frac{427}{1287}$	$\frac{1}{3}$	$\frac{430}{1287}$	$\Phi_{1287}\ \Phi_{429}^2\ \Phi_{143}^2\ \Phi_{117}\ \Phi_{99}\ \Phi_{39}^2\ \Phi_{33}^2\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
128938	1714	1140	$\frac{2}{285}$	$\frac{283}{1140}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{228}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{60}^2\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
128939	1714	864	$\frac{7}{864}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
128940	1714	1026	$\frac{2}{171}$	$\frac{169}{1026}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1026}^2\ \Phi_{513}^2\ \Phi_{342}^2\ \Phi_{114}^2\ \Phi_{54}^2\ \Phi_{38}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
128941	1714	870	$\frac{13}{870}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{870}^2\ \Phi_{435}^2\ \Phi_{290}^2\ \Phi_{174}^2\ \Phi_{145}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{30}^2\ \Phi_{29}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
128942	1714	912	$\frac{2}{57}$	$\frac{55}{912}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{48}^2\ \Phi_{38}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
128943	1714	900	$\frac{2}{45}$	$\frac{43}{900}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
128944	1714	1278	$\frac{5}{426}$	$\frac{1}{6}$	$\frac{421}{1278}$	$\frac{1}{3}$	$\Phi_{1278}^2\ \Phi_{639}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
128945	1714	990	$\frac{1}{66}$	$\frac{133}{990}$	$\frac{65}{198}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
128946	1714	936	$\frac{1}{39}$	$\frac{79}{936}$	$\frac{38}{117}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
128947	1714	1254	$\frac{1}{22}$	$\frac{21}{418}$	$\frac{397}{1254}$	$\frac{1}{3}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}^2\ \Phi_{209}^2\ \Phi_{114}\ \Phi_{66}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
128948	1714	1248	$\frac{1}{26}$	$\frac{25}{416}$	$\frac{391}{1248}$	$\frac{1}{3}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}^2\ \Phi_{312}\ \Phi_{208}^2\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{96}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{48}\ \Phi_{39}^2\ \Phi_{32}^2\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_{12}\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
128949	1714	891	$\frac{34}{891}$	$\frac{2}{33}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{99}\ \Phi_{81}^2\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{11}^2\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
128950	1714	1188	$\frac{1}{66}$	$\frac{65}{396}$	$\frac{331}{1188}$	$\frac{1}{3}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{297}^2\ \Phi_{108}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
128951	1714	1170	$\frac{1}{78}$	$\frac{77}{390}$	$\frac{313}{1170}$	$\frac{1}{3}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{234}^2\ \Phi_{117}^2\ \Phi_{90}^2\ \Phi_{78}^2\ \Phi_{45}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
128952	1714	1056	$\frac{1}{66}$	$\frac{199}{1056}$	$\frac{65}{264}$	$\frac{1}{3}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{176}^2\ \Phi_{96}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{33}^2\ \Phi_{32}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
128953	1714	936	$\frac{1}{26}$	$\frac{79}{936}$	$\frac{25}{104}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}\ \Phi_{234}^2\ \Phi_{156}\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
128954	1714	1122	$\frac{31}{561}$	$\frac{2}{33}$	$\frac{265}{1122}$	$\frac{1}{3}$	$\Phi_{1122}^2\ \Phi_{561}\ \Phi_{374}^2\ \Phi_{187}\ \Phi_{102}^2\ \Phi_{66}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{17}\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
128955	1714	1092	$\frac{1}{39}$	$\frac{38}{273}$	$\frac{235}{1092}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{156}^2\ \Phi_{84}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{42}^2\ \Phi_{39}^2\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
128956	1714	990	$\frac{1}{33}$	$\frac{133}{990}$	$\frac{32}{165}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
128957	1714	2730	$\frac{53}{910}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{273}\ \Phi_{210}\ \Phi_{105}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{30}\ \Phi_{21}\ \Phi_6$
128958	1714	3120	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{183}{1040}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{240}\ \Phi_{195}\ \Phi_{120}\ \Phi_{78}\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
128959	1714	1014	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{157}{1014}$	$\frac{1}{3}$	$\Phi_{1014}^2\ \Phi_{507}\ \Phi_{338}^2\ \Phi_{169}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
128960	1714	924	$\frac{67}{924}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
128961	1714	2904	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{111}{968}$	$\frac{1}{3}$	$\Phi_{2904}\ \Phi_{1452}\ \Phi_{726}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
128962	1715	1368	$\frac{1}{342}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{341}{684}$	$\Phi_{1368}^2\ \Phi_{684}\ \Phi_{456}^2\ \Phi_{228}\ \Phi_{152}^2\ \Phi_{76}\ \Phi_{72}^2\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
128963	1715	1464	$\frac{1}{244}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{243}{488}$	$\Phi_{1464}^2\ \Phi_{488}^3\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
128964	1715	4392	$\frac{1}{244}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{243}{488}$	$\Phi_{4392}\ \Phi_{488}\ \Phi_{72}\ \Phi_9\ \Phi_8\ \Phi_1$
128965	1715	1944	$\frac{2}{243}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{241}{486}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
128966	1715	2040	$\frac{3}{340}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{337}{680}$	$\Phi_{2040}^2\ \Phi_{680}\ \Phi_{408}^2\ \Phi_{136}\ \Phi_{120}^2\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
128967	1715	328	$\frac{1}{82}$	$\frac{1}{8}$	$\frac{83}{328}$	$\frac{81}{164}$	$\Phi_{328}^5\ \Phi_{164}^6\ \Phi_{82}^5\ \Phi_{41}^5\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
128968	1715	1632	$\frac{1}{48}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{47}{96}$	$\Phi_{1632}^2\ \Phi_{544}^2\ \Phi_{96}^3\ \Phi_{68}\ \Phi_{32}^3\ \Phi_4\ \Phi_1$
128969	1715	1632	$\frac{1}{48}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{47}{96}$	$\Phi_{1632}^2\ \Phi_{544}^2\ \Phi_{96}^3\ \Phi_{51}\ \Phi_{32}^3\ \Phi_3\ \Phi_1$
128970	1715	1632	$\frac{1}{48}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{47}{96}$	$\Phi_{1632}^2\ \Phi_{544}^2\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_{17}^2\ \Phi_1^3$
128971	1715	96	$\frac{1}{48}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{47}{96}$	$\Phi_{96}^{35}\ \Phi_{32}^{35}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
128972	1715	204	$\frac{1}{34}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{204}^{16}\ \Phi_{68}^{17}\ \Phi_{51}\ \Phi_{17}\ \Phi_{12}^{16}\ \Phi_4^{17}\ \Phi_1$
128973	1715	1224	$\frac{1}{34}$	$\frac{1}{24}$	$\frac{23}{72}$	$\frac{33}{68}$	$\Phi_{1224}^2\ \Phi_{612}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{72}^3\ \Phi_{68}\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_4\ \Phi_1$
128974	1715	884	$\frac{1}{34}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{884}^2\ \Phi_{442}^2\ \Phi_{221}^2\ \Phi_{68}\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_4\ \Phi_1$
128975	1715	1088	$\frac{1}{34}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{33}{68}$	$\Phi_{1088}^2\ \Phi_{544}^2\ \Phi_{68}\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_4\ \Phi_1$
128976	1715	1020	$\frac{1}{34}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{33}{68}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{68}\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
128977	1715	1836	$\frac{1}{34}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{33}{68}$	$\Phi_{1836}^2\ \Phi_{612}^2\ \Phi_{108}^2\ \Phi_{68}\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
128978	1715	136	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{33}{68}$	$\Phi_{136}^{12}\ \Phi_{68}^{13}\ \Phi_{34}^{12}\ \Phi_{17}^{12}\ \Phi_8^{18}\ \Phi_4^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
128979	1715	1650	$\frac{1}{50}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{330}\ \Phi_{275}\ \Phi_{165}\ \Phi_{150}^2\ \Phi_{110}\ \Phi_{75}^2\ \Phi_{55}\ \Phi_{50}\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
128980	1715	1200	$\frac{1}{50}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{1200}^2\ \Phi_{400}^2\ \Phi_{300}^2\ \Phi_{240}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}\ \Phi_{48}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
128981	1715	180	$\frac{1}{36}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{180}^{10}\ \Phi_{90}^9\ \Phi_{60}^{10}\ \Phi_{45}^{10}\ \Phi_{36}^9\ \Phi_{30}^9\ \Phi_{20}^{10}\ \Phi_{18}^8\ \Phi_{15}^{10}\ \Phi_{12}^9\ \Phi_{10}^9\ \Phi_9^9\ \Phi_6^8\ \Phi_5^9\ \Phi_4^9\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
128982	1715	1600	$\frac{1}{50}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{1600}^2\ \Phi_{320}^2\ \Phi_{100}^2\ \Phi_{64}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
128983	1715	180	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^{9}\ \Phi_{45}^{10}\ \Phi_{36}^{9}\ \Phi_{30}^{9}\ \Phi_{20}^{10}\ \Phi_{18}^{9}\ \Phi_{15}^{9}\ \Phi_{12}^{8}\ \Phi_{10}^{9}\ \Phi_{9}^{9}\ \Phi_{6}^{8}\ \Phi_{5}^{9}\ \Phi_{4}^{9}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
128984	1715	1056	$\frac{9}{352}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{1056}^{2}\ \Phi_{528}^{2}\ \Phi_{352}\ \Phi_{264}^{2}\ \Phi_{176}\ \Phi_{132}^{2}\ \Phi_{96}^{2}\ \Phi_{88}\ \Phi_{66}^{2}\ \Phi_{44}\ \Phi_{33}^{2}\ \Phi_{32}\ \Phi_{24}^{2}\ \Phi_{22}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
128985	1715	258	$\frac{1}{43}$	$\frac{6}{43}$	$\frac{1}{6}$	$\frac{37}{86}$	$\Phi_{258}^{8}\ \Phi_{129}^{8}\ \Phi_{86}\ \Phi_{43}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{7}$
128986	1715	732	$\frac{1}{122}$	$\frac{1}{6}$	$\frac{121}{366}$	$\frac{5}{12}$	$\Phi_{732}^{4}\ \Phi_{366}\ \Phi_{244}^{4}\ \Phi_{183}\ \Phi_{12}^{5}\ \Phi_{6}\ \Phi_{4}^{5}\ \Phi_{3}\ \Phi_{1}$
128987	1715	744	$\frac{3}{248}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{744}^{2}\ \Phi_{372}^{2}\ \Phi_{248}^{3}\ \Phi_{186}^{2}\ \Phi_{124}^{3}\ \Phi_{93}^{2}\ \Phi_{62}^{3}\ \Phi_{31}^{3}\ \Phi_{24}^{2}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
128988	1715	732	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{12}{61}$	$\frac{5}{12}$	$\Phi_{732}^{4}\ \Phi_{244}^{4}\ \Phi_{61}^{4}\ \Phi_{12}^{5}\ \Phi_{4}^{5}\ \Phi_{1}^{5}$
128989	1715	300	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{300}^{10}\ \Phi_{150}^{2}\ \Phi_{100}^{10}\ \Phi_{75}^{2}\ \Phi_{60}^{10}\ \Phi_{50}\ \Phi_{30}^{2}\ \Phi_{25}\ \Phi_{20}^{10}\ \Phi_{15}^{2}\ \Phi_{12}^{5}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}^{5}\ \Phi_{3}\ \Phi_{1}$
128990	1715	732	$\frac{3}{122}$	$\frac{17}{122}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{732}^{4}\ \Phi_{244}^{4}\ \Phi_{122}^{2}\ \Phi_{61}^{2}\ \Phi_{12}^{5}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
128991	1715	72	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{72}^{28}\ \Phi_{36}^{21}\ \Phi_{24}^{26}\ \Phi_{18}^{21}\ \Phi_{12}^{20}\ \Phi_{9}^{21}\ \Phi_{8}^{25}\ \Phi_{6}^{19}\ \Phi_{4}^{19}\ \Phi_{3}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
128992	1715	328	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{8}{41}$	$\frac{33}{82}$	$\Phi_{328}^{6}\ \Phi_{164}^{6}\ \Phi_{82}\ \Phi_{41}^{5}\ \Phi_{8}^{5}\ \Phi_{4}^{5}\ \Phi_{1}^{5}$
128993	1715	720	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{720}^{4}\ \Phi_{240}^{4}\ \Phi_{180}^{2}\ \Phi_{144}^{4}\ \Phi_{90}^{2}\ \Phi_{80}^{3}\ \Phi_{60}^{2}\ \Phi_{48}^{4}\ \Phi_{45}^{2}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{18}\ \Phi_{16}^{3}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
128994	1715	2760	$\frac{2}{345}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{345}\ \Phi_{184}\ \Phi_{120}\ \Phi_{115}\ \Phi_{69}\ \Phi_{40}\ \Phi_{23}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
128995	1715	4104	$\frac{1}{171}$	$\frac{1}{4}$	$\frac{170}{513}$	$\frac{3}{8}$	$\Phi_{4104}\ \Phi_{513}\ \Phi_{216}\ \Phi_{27}\ \Phi_{8}\ \Phi_{1}$
128996	1715	456	$\frac{1}{114}$	$\frac{113}{456}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{456}^{3}\ \Phi_{228}^{5}\ \Phi_{152}^{3}\ \Phi_{114}^{4}\ \Phi_{76}^{5}\ \Phi_{57}^{4}\ \Phi_{38}^{4}\ \Phi_{24}^{3}\ \Phi_{19}^{4}\ \Phi_{12}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
128997	1715	696	$\frac{5}{348}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{696}^{4}\ \Phi_{348}\ \Phi_{232}^{4}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}\ \Phi_{29}\ \Phi_{24}^{2}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
128998	1715	456	$\frac{1}{57}$	$\frac{8}{57}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{456}^{6}\ \Phi_{152}^{6}\ \Phi_{57}^{6}\ \Phi_{24}^{6}\ \Phi_{19}^{6}\ \Phi_{8}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
128999	1715	200	$\frac{1}{50}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{200}^{8}\ \Phi_{100}^{10}\ \Phi_{50}^{9}\ \Phi_{40}^{8}\ \Phi_{25}^{9}\ \Phi_{20}^{10}\ \Phi_{10}^{9}\ \Phi_{8}^{4}\ \Phi_{5}^{9}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
129000	1715	2808	$\frac{8}{351}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{351}\ \Phi_{312}\ \Phi_{216}\ \Phi_{117}\ \Phi_{104}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
129001	1715	760	$\frac{1}{38}$	$\frac{37}{380}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{760}^{4}\ \Phi_{380}\ \Phi_{190}\ \Phi_{152}^{2}\ \Phi_{95}\ \Phi_{76}\ \Phi_{40}^{4}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
129002	1715	360	$\frac{17}{360}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}^{5}\ \Phi_{90}^{5}\ \Phi_{72}^{3}\ \Phi_{60}^{5}\ \Phi_{45}^{5}\ \Phi_{40}^{5}\ \Phi_{36}^{5}\ \Phi_{30}^{5}\ \Phi_{24}^{3}\ \Phi_{20}^{5}\ \Phi_{18}^{4}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
129003	1715	2888	$\frac{18}{361}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2888}\ \Phi_{361}\ \Phi_{8}\ \Phi_{1}$
129004	1715	1350	$\frac{1}{50}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{1350}\ \Phi_{675}\ \Phi_{450}^{2}\ \Phi_{270}\ \Phi_{225}^{2}\ \Phi_{150}^{2}\ \Phi_{135}\ \Phi_{90}^{2}\ \Phi_{75}^{2}\ \Phi_{50}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{27}\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
129005	1715	516	$\frac{1}{86}$	$\frac{1}{6}$	$\frac{85}{258}$	$\frac{173}{516}$	$\Phi_{516}^{5}\ \Phi_{258}^{2}\ \Phi_{172}^{5}\ \Phi_{129}^{2}\ \Phi_{86}\ \Phi_{43}\ \Phi_{12}^{5}\ \Phi_{6}\ \Phi_{4}^{5}\ \Phi_{3}\ \Phi_{1}$
129006	1715	1098	$\frac{1}{122}$	$\frac{2}{9}$	$\frac{121}{366}$	$\frac{1}{3}$	$\Phi_{1098}^{2}\ \Phi_{549}^{2}\ \Phi_{366}\ \Phi_{183}\ \Phi_{18}^{2}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
129007	1715	51	$\frac{2}{51}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{51}^{34}\ \Phi_{17}^{33}\ \Phi_{3}^{33}\ \Phi_{1}^{33}$
129008	1715	2232	$\frac{3}{248}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{558}\ \Phi_{279}\ \Phi_{248}\ \Phi_{124}\ \Phi_{72}\ \Phi_{62}\ \Phi_{31}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
129009	1715	648	$\frac{2}{81}$	$\frac{1}{8}$	$\frac{79}{324}$	$\frac{1}{3}$	$\Phi_{648}^{3}\ \Phi_{324}^{2}\ \Phi_{216}^{3}\ \Phi_{162}^{2}\ \Phi_{108}^{2}\ \Phi_{81}^{3}\ \Phi_{72}^{3}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{3}\ \Phi_{24}^{4}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
129010	1715	549	$\frac{1}{61}$	$\frac{12}{61}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{549}^{4}\ \Phi_{61}^{4}\ \Phi_{9}^{5}\ \Phi_{1}^{5}$
129011	1715	450	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{450}^{5}\ \Phi_{225}^{5}\ \Phi_{150}^{2}\ \Phi_{90}^{5}\ \Phi_{75}^{2}\ \Phi_{50}\ \Phi_{45}^{5}\ \Phi_{30}^{2}\ \Phi_{25}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
129012	1715	1098	$\frac{3}{122}$	$\frac{17}{122}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1098}^{2}\ \Phi_{549}^{2}\ \Phi_{122}^{2}\ \Phi_{61}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
129013	1715	72	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{72}^{27}\ \Phi_{36}^{20}\ \Phi_{24}^{28}\ \Phi_{18}^{20}\ \Phi_{12}^{21}\ \Phi_{9}^{21}\ \Phi_{8}^{27}\ \Phi_{6}^{21}\ \Phi_{4}^{20}\ \Phi_{3}^{21}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
129014	1715	51	$\frac{2}{51}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{51}^{33}\ \Phi_{17}^{35}\ \Phi_{3}^{32}\ \Phi_{1}^{35}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
129015	1715	408	$\frac{2}{51}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{408}^{5}\ \Phi_{204}^{5}\ \Phi_{136}^{5}\ \Phi_{102}^{2}\ \Phi_{68}^{5}\ \Phi_{51}^{3}\ \Phi_{34}^{2}\ \Phi_{24}^{2}\ \Phi_{17}^{3}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
129016	1715	216	$\frac{2}{27}$	$\frac{5}{54}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{216}^{9}\ \Phi_{108}^{9}\ \Phi_{72}^{9}\ \Phi_{54}^{4}\ \Phi_{36}^{9}\ \Phi_{27}^{5}\ \Phi_{24}^{10}\ \Phi_{18}^{4}\ \Phi_{12}^{10}\ \Phi_{9}^{5}\ \Phi_{8}^{9}\ \Phi_{6}^{5}\ \Phi_{4}^{9}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
129017	1715	1224	$\frac{1}{24}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{23}{72}$	$\Phi_{1224}^{2}\ \Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{153}^{2}\ \Phi_{72}^{3}\ \Phi_{51}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$
129018	1715	1224	$\frac{1}{24}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{23}{72}$	$\Phi_{1224}^{2}\ \Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{153}^{2}\ \Phi_{72}^{3}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{17}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
129019	1715	72	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{23}{72}$	$\Phi_{72}^{35}\ \Phi_{36}^{35}\ \Phi_{24}^{2}\ \Phi_{18}^{35}\ \Phi_{12}^{2}\ \Phi_{9}^{35}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
129020	1715	2652	$\frac{3}{52}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{663}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{51}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}$
129021	1715	3264	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{16}{51}$	$\Phi_{3264}\ \Phi_{1632}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{51}\ \Phi_{32}\ \Phi_{3}\ \Phi_{1}$
129022	1715	1020	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{16}{51}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{340}^{2}\ \Phi_{255}^{2}\ \Phi_{170}^{2}\ \Phi_{85}^{2}\ \Phi_{60}^{3}\ \Phi_{51}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{3}\ \Phi_{1}$
129023	1715	918	$\frac{1}{17}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{16}{51}$	$\Phi_{918}^{2}\ \Phi_{459}^{2}\ \Phi_{306}^{2}\ \Phi_{153}^{2}\ \Phi_{54}^{3}\ \Phi_{51}\ \Phi_{27}^{3}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$
129024	1715	408	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{16}{51}$	$\Phi_{408}^{6}\ \Phi_{204}^{6}\ \Phi_{102}^{6}\ \Phi_{51}^{7}\ \Phi_{24}^{6}\ \Phi_{12}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
129025	1715	360	$\frac{17}{360}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}^{5}\ \Phi_{90}^{5}\ \Phi_{72}^{5}\ \Phi_{60}^{5}\ \Phi_{45}^{5}\ \Phi_{40}^{5}\ \Phi_{36}^{5}\ \Phi_{30}^{5}\ \Phi_{24}^{2}\ \Phi_{20}^{5}\ \Phi_{18}^{5}\ \Phi_{15}^{5}\ \Phi_{12}^{2}\ \Phi_{10}^{5}\ \Phi_{9}^{5}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}^{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
129026	1715	1200	$\frac{1}{50}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{1200}^{2}\ \Phi_{600}^{2}\ \Phi_{300}^{2}\ \Phi_{240}^{2}\ \Phi_{150}^{2}\ \Phi_{120}^{2}\ \Phi_{100}^{2}\ \Phi_{75}^{2}\ \Phi_{60}^{2}\ \Phi_{50}\ \Phi_{48}\ \Phi_{30}^{2}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
129027	1715	180	$\frac{1}{36}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^{9}\ \Phi_{45}^{10}\ \Phi_{36}^{9}\ \Phi_{30}^{9}\ \Phi_{20}^{9}\ \Phi_{18}^{9}\ \Phi_{15}^{10}\ \Phi_{12}^{8}\ \Phi_{10}^{9}\ \Phi_{9}^{9}\ \Phi_{6}^{8}\ \Phi_{5}^{9}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
129028	1715	884	$\frac{3}{52}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{884}^{2}\ \Phi_{442}^{2}\ \Phi_{221}^{2}\ \Phi_{52}^{3}\ \Phi_{26}^{3}\ \Phi_{17}^{2}\ \Phi_{13}^{3}\ \Phi_{1}^{3}$
129029	1715	408	$\frac{3}{68}$	$\frac{65}{408}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{408}^{5}\ \Phi_{204}^{3}\ \Phi_{136}^{5}\ \Phi_{102}^{3}\ \Phi_{68}^{4}\ \Phi_{51}^{3}\ \Phi_{34}^{4}\ \Phi_{24}^{5}\ \Phi_{17}^{4}\ \Phi_{12}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
129030	1715	360	$\frac{17}{360}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}^{5}\ \Phi_{90}^{5}\ \Phi_{72}^{5}\ \Phi_{60}^{3}\ \Phi_{45}^{5}\ \Phi_{40}^{5}\ \Phi_{36}^{5}\ \Phi_{30}^{3}\ \Phi_{24}^{5}\ \Phi_{20}^{4}\ \Phi_{18}^{5}\ \Phi_{15}^{3}\ \Phi_{12}^{5}\ \Phi_{10}^{4}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
129031	1715	312	$\frac{3}{52}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{312}^{8}\ \Phi_{156}^{6}\ \Phi_{104}^{4}\ \Phi_{78}^{6}\ \Phi_{52}^{3}\ \Phi_{39}^{6}\ \Phi_{26}^{3}\ \Phi_{24}^{2}\ \Phi_{13}^{3}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
129032	1715	1088	$\frac{1}{16}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{15}{64}$	$\Phi_{1088}^{2}\ \Phi_{544}^{2}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{17}^{2}\ \Phi_{1}^{3}$
129033	1715	192	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{15}{64}$	$\Phi_{192}^{14}\ \Phi_{96}^{14}\ \Phi_{64}^{7}\ \Phi_{32}^{7}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
129034	1715	264	$\frac{19}{264}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{264}^{7}\ \Phi_{132}^{7}\ \Phi_{88}^{7}\ \Phi_{66}^{7}\ \Phi_{44}^{7}\ \Phi_{33}^{7}\ \Phi_{24}^{2}\ \Phi_{22}^{7}\ \Phi_{12}^{2}\ \Phi_{11}^{7}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
129035	1715	1020	$\frac{1}{12}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{11}{60}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{340}^{2}\ \Phi_{255}^{2}\ \Phi_{170}^{2}\ \Phi_{85}^{2}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{17}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
129036	1715	120	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{11}{60}$	$\Phi_{120}^{20}\ \Phi_{60}^{15}\ \Phi_{40}^{20}\ \Phi_{30}^{15}\ \Phi_{24}^{2}\ \Phi_{20}^{15}\ \Phi_{15}^{15}\ \Phi_{12}^{2}\ \Phi_{10}^{15}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}^{15}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
129037	1715	918	$\frac{5}{54}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{3}{17}$	$\Phi_{918}^{2}\ \Phi_{459}^{2}\ \Phi_{306}^{2}\ \Phi_{153}^{2}\ \Phi_{54}^{3}\ \Phi_{27}^{3}\ \Phi_{18}^{3}\ \Phi_{17}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
129038	1715	136	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{3}{17}$	$\Phi_{136}^{12}\ \Phi_{68}^{12}\ \Phi_{34}^{12}\ \Phi_{17}^{14}\ \Phi_{8}^{18}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{21}$
129039	1715	857	$\frac{101}{857}$	$\frac{107}{857}$	$\frac{108}{857}$	$\frac{150}{857}$	$\Phi_{857}^{2}\ \Phi_{1}^{3}$
129040	1715	984	$\frac{29}{246}$	$\frac{1}{8}$	$\frac{31}{246}$	$\frac{43}{246}$	$\Phi_{984}^{2}\ \Phi_{492}^{2}\ \Phi_{328}^{2}\ \Phi_{246}\ \Phi_{164}^{2}\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
129041	1715	216	$\frac{5}{54}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{216}^{10}\ \Phi_{108}^{10}\ \Phi_{72}^{10}\ \Phi_{54}^{5}\ \Phi_{36}^{10}\ \Phi_{27}^{5}\ \Phi_{24}^{2}\ \Phi_{18}^{5}\ \Phi_{12}^{2}\ \Phi_{9}^{5}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
129042	1715	288	$\frac{5}{48}$	$\frac{1}{8}$	$\frac{43}{288}$	$\frac{1}{6}$	$\Phi_{288}^{7}\ \Phi_{144}^{7}\ \Phi_{96}^{7}\ \Phi_{72}^{7}\ \Phi_{36}^{7}\ \Phi_{32}^{7}\ \Phi_{24}^{2}\ \Phi_{18}^{7}\ \Phi_{12}^{2}\ \Phi_{9}^{7}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
129043	1715	384	$\frac{41}{384}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{6}$	$\Phi_{384}^{5}\ \Phi_{192}^{5}\ \Phi_{128}^{5}\ \Phi_{96}^{5}\ \Phi_{64}^{5}\ \Phi_{32}^{5}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
129044	1715	24	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{6}$	$\Phi_{24}^{86}\ \Phi_{12}^{86}\ \Phi_{8}^{43}\ \Phi_{6}^{85}\ \Phi_{4}^{43}\ \Phi_{3}^{85}\ \Phi_{2}^{42}\ \Phi_{1}^{43}$
129045	1716	2568	$\frac{1}{428}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{427}{856}$	$\Phi_{2568}\ \Phi_{856}^{2}\ \Phi_{24}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
129046	1716	686	$\frac{1}{343}$	$\frac{86}{343}$	$\frac{257}{686}$	$\frac{171}{343}$	$\Phi_{686}^{4}\ \Phi_{343}\ \Phi_{98}^{4}\ \Phi_{49}\ \Phi_{14}^{4}\ \Phi_{7}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
129047	1716	285	$\frac{1}{285}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{142}{285}$	$\Phi_{285}^{6}\ \Phi_{95}^{6}\ \Phi_{57}^{6}\ \Phi_{19}^{6}\ \Phi_{15}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
129048	1716	1140	$\frac{1}{285}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{142}{285}$	$\Phi_{1140}^{2}\ \Phi_{570}^{2}\ \Phi_{380}^{2}\ \Phi_{228}^{2}\ \Phi_{190}^{2}\ \Phi_{114}^{2}\ \Phi_{76}^{2}\ \Phi_{60}^{2}\ \Phi_{38}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
129049	1716	245	$\frac{1}{245}$	$\frac{41}{245}$	$\frac{102}{245}$	$\frac{122}{245}$	$\Phi_{245}^{7}\ \Phi_{49}^{7}\ \Phi_{35}^{7}\ \Phi_{7}^{7}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
129050	1716	854	$\frac{2}{427}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{425}{854}$	$\Phi_{854}^{4}\ \Phi_{122}^{4}\ \Phi_{14}^{4}\ \Phi_{7}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
129051	1716	764	$\frac{1}{191}$	$\frac{1}{4}$	$\frac{48}{191}$	$\frac{95}{191}$	$\Phi_{764}^{3}\ \Phi_{382}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
129052	1716	1715	$\frac{9}{1715}$	$\frac{428}{1715}$	$\frac{431}{1715}$	$\frac{853}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}\ \Phi_{49}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
129053	1716	2577	$\frac{5}{859}$	$\frac{144}{859}$	$\frac{1}{3}$	$\frac{427}{859}$	Φ_{2577}
129054	1716	620	$\frac{1}{155}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{77}{155}$	$\Phi_{620}^{5}\ \Phi_{155}\ \Phi_{124}^{5}\ \Phi_{31}\ \Phi_{20}^{6}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
129055	1716	465	$\frac{1}{155}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{77}{155}$	$\Phi_{465}^{5}\ \Phi_{155}\ \Phi_{93}^{5}\ \Phi_{31}\ \Phi_{15}^{6}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
129056	1716	3124	$\frac{1}{142}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{141}{284}$	$\Phi_{3124}\ \Phi_{284}^{2}\ \Phi_{44}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
129057	1716	5964	$\frac{1}{142}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{141}{284}$	$\Phi_{5964}\ \Phi_{84}\ \Phi_{21}$
129058	1716	3124	$\frac{1}{142}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{141}{284}$	$\Phi_{3124}\ \Phi_{284}^{2}\ \Phi_{44}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
129059	1716	1420	$\frac{1}{142}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{141}{284}$	$\Phi_{1420}\ \Phi_{710}^{2}\ \Phi_{355}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
129060	1716	3144	$\frac{1}{131}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{65}{131}$	$\Phi_{3144}\ \Phi_{1048}\ \Phi_{131}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
129061	1716	1965	$\frac{1}{131}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{65}{131}$	$\Phi_{1965}\ \Phi_{655}\ \Phi_{131}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
129062	1716	2358	$\frac{1}{131}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{65}{131}$	$\Phi_{2358}\ \Phi_{1179}\ \Phi_{131}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
129063	1716	2096	$\frac{1}{131}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{65}{131}$	$\Phi_{2096}\ \Phi_{1048}\ \Phi_{131}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
129064	1716	567	$\frac{5}{567}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{281}{567}$	$\Phi_{567}^{3}\ \Phi_{189}^{3}\ \Phi_{81}^{3}\ \Phi_{63}^{3}\ \Phi_{27}^{3}\ \Phi_{21}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{5}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
129065	1716	850	$\frac{4}{425}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{421}{850}$	$\Phi_{850}^{4}\ \Phi_{170}^{4}\ \Phi_{50}^{4}\ \Phi_{34}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
129066	1716	574	$\frac{3}{287}$	$\frac{1}{7}$	$\frac{145}{574}$	$\frac{142}{287}$	$\Phi_{574}^{4}\ \Phi_{287}^{2}\ \Phi_{82}^{4}\ \Phi_{41}^{2}\ \Phi_{14}^{4}\ \Phi_{7}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
129067	1716	860	$\frac{1}{86}$	$\frac{29}{172}$	$\frac{1}{5}$	$\frac{85}{172}$	$\Phi_{860}^{2}\ \Phi_{430}^{3}\ \Phi_{215}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
129068	1716	490	$\frac{3}{245}$	$\frac{61}{490}$	$\frac{62}{245}$	$\frac{121}{245}$	$\Phi_{490}^{4}\ \Phi_{245}^{3}\ \Phi_{98}^{4}\ \Phi_{70}^{4}\ \Phi_{49}^{3}\ \Phi_{35}^{3}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
129069	1716	231	$\frac{1}{77}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{38}{77}$	$\Phi_{231}^{7}\ \Phi_{77}^{8}\ \Phi_{33}^{7}\ \Phi_{21}^{8}\ \Phi_{11}^{8}\ \Phi_{7}^{9}\ \Phi_{3}^{8}\ \Phi_{1}^{10}$
129070	1716	924	$\frac{1}{77}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{38}{77}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{231}\ \Phi_{154}^{2}\ \Phi_{132}^{2}\ \Phi_{84}^{2}\ \Phi_{77}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{42}^{2}\ \Phi_{33}\ \Phi_{28}^{2}\ \Phi_{22}^{2}\ \Phi_{21}\ \Phi_{14}^{2}\ \Phi_{12}^{4}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
129071	1716	154	$\frac{1}{77}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{38}{77}$	$\Phi_{154}^{14}\ \Phi_{77}^{8}\ \Phi_{22}^{14}\ \Phi_{14}^{16}\ \Phi_{11}^{8}\ \Phi_{7}^{9}\ \Phi_{2}^{16}\ \Phi_{1}^{10}$
129072	1716	1715	$\frac{23}{1715}$	$\frac{79}{1715}$	$\frac{818}{1715}$	$\frac{846}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}\ \Phi_{49}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
129073	1716	3666	$\frac{2}{141}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{139}{282}$	$\Phi_{3666}\ \Phi_{1222}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
129074	1716	343	$\frac{5}{343}$	$\frac{57}{343}$	$\frac{58}{343}$	$\frac{169}{343}$	$\Phi_{343}^{5}\ \Phi_{49}^{5}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
129075	1716	325	$\frac{1}{65}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{32}{65}$	$\Phi_{325}^{5}\ \Phi_{65}^{6}\ \Phi_{25}^{6}\ \Phi_{13}^{6}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
129076	1716	2730	$\frac{1}{65}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{32}{65}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{273}\ \Phi_{210}\ \Phi_{105}\ \Phi_{78}\ \Phi_{42}^{2}\ \Phi_{30}\ \Phi_{21}^{2}\ \Phi_{6}^{2}$
129077	1716	195	$\frac{1}{65}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{32}{65}$	$\Phi_{195}^{10}\ \Phi_{65}^{6}\ \Phi_{39}^{10}\ \Phi_{15}^{12}\ \Phi_{13}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{12}\ \Phi_{1}^{8}$
129078	1716	1715	$\frac{27}{1715}$	$\frac{67}{1715}$	$\frac{824}{1715}$	$\frac{844}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}\ \Phi_{49}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
129079	1716	1884	$\frac{3}{157}$	$\frac{1}{12}$	$\frac{40}{157}$	$\frac{77}{157}$	$\Phi_{1884}\ \Phi_{942}\ \Phi_{628}\ \Phi_{471}\ \Phi_{314}$
129080	1716	3264	$\frac{1}{51}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{25}{51}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{192}\ \Phi_{64}^{2}\ \Phi_{51}\ \Phi_{17}\ \Phi_{3}\ \Phi_{1}^{2}$
129081	1716	816	$\frac{1}{51}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{25}{51}$	$\Phi_{816}^{2}\ \Phi_{408}^{2}\ \Phi_{272}^{2}\ \Phi_{204}^{2}\ \Phi_{136}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{51}^{3}\ \Phi_{48}^{2}\ \Phi_{34}^{2}\ \Phi_{24}^{2}\ \Phi_{17}^{3}\ \Phi_{16}^{4}\ \Phi_{12}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
129082	1716	204	$\frac{1}{51}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{25}{51}$	$\Phi_{204}^{8}\ \Phi_{102}^{8}\ \Phi_{68}^{8}\ \Phi_{51}^{9}\ \Phi_{34}^{8}\ \Phi_{17}^{9}\ \Phi_{12}^{11}\ \Phi_{6}^{11}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
129083	1716	2040	$\frac{1}{51}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{25}{51}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{120}\ \Phi_{85}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{17}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
129084	1716	833	$\frac{1}{49}$	$\frac{25}{833}$	$\frac{404}{833}$	$\frac{24}{49}$	$\Phi_{833}^{2}\ \Phi_{119}^{2}\ \Phi_{49}^{3}\ \Phi_{17}^{2}\ \Phi_{7}^{3}\ \Phi_{1}^{4}$
129085	1716	2496	$\frac{1}{48}$	$\frac{1}{13}$	$\frac{49}{192}$	$\frac{47}{96}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
129086	1716	280	$\frac{3}{140}$	$\frac{1}{35}$	$\frac{17}{35}$	$\frac{137}{280}$	$\Phi_{280}^{12}\ \Phi_{56}^{12}\ \Phi_{40}^{12}\ \Phi_{35}\ \Phi_{8}^{12}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
129087	1716	280	$\frac{3}{140}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{137}{280}$	$\Phi_{280}^{12}\ \Phi_{56}^{12}\ \Phi_{40}^{12}\ \Phi_{35}\ \Phi_{8}^{12}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
129088	1716	3640	$\frac{3}{140}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{137}{280}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
129089	1716	280	$\frac{3}{140}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{137}{280}$	$\Phi_{280}^{12}\ \Phi_{56}^{12}\ \Phi_{40}^{12}\ \Phi_{10}^{4}\ \Phi_{8}^{12}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
129090	1716	280	$\frac{3}{140}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{137}{280}$	$\Phi_{280}^{12}\ \Phi_{56}^{12}\ \Phi_{40}^{12}\ \Phi_{8}^{12}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
129091	1716	266	$\frac{3}{133}$	$\frac{1}{14}$	$\frac{34}{133}$	$\frac{65}{133}$	$\Phi_{266}^{7}\ \Phi_{133}^{6}\ \Phi_{38}^{7}\ \Phi_{19}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
129092	1716	3268	$\frac{1}{43}$	$\frac{1}{38}$	$\frac{37}{76}$	$\frac{21}{43}$	$\Phi_{3268}\ \Phi_{172}\ \Phi_{76}^{2}\ \Phi_{43}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
129093	1716	817	$\frac{1}{43}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{21}{43}$	$\Phi_{817}^{2}\ \Phi_{43}^{3}\ \Phi_{19}^{4}\ \Phi_{1}^{6}$
129094	1716	1204	$\frac{1}{43}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{21}{43}$	$\Phi_{1204}^{2}\ \Phi_{602}\ \Phi_{301}\ \Phi_{172}\ \Phi_{43}\ \Phi_{28}^{4}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
129095	1716	1715	$\frac{41}{1715}$	$\frac{116}{1715}$	$\frac{439}{1715}$	$\frac{837}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}\ \Phi_{49}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
129096	1716	1148	$\frac{1}{41}$	$\frac{21}{164}$	$\frac{1}{7}$	$\frac{20}{41}$	$\Phi_{1148}^{2}\ \Phi_{574}^{2}\ \Phi_{287}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
129097	1716	2577	$\frac{21}{859}$	$\frac{40}{859}$	$\frac{1}{3}$	$\frac{419}{859}$	Φ_{2577}
129098	1716	343	$\frac{9}{343}$	$\frac{16}{343}$	$\frac{109}{343}$	$\frac{167}{343}$	$\Phi_{343}^{5}\ \Phi_{49}^{5}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
129099	1716	5244	$\frac{1}{38}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{5244}\ \Phi_{276}\ \Phi_{69}$
129100	1716	3268	$\frac{1}{38}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{37}{76}$	$\Phi_{3268}\ \Phi_{172}\ \Phi_{76}^{2}\ \Phi_{43}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
129101	1716	1140	$\frac{1}{38}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{37}{76}$	$\Phi_{1140}^{2}\ \Phi_{570}^{2}\ \Phi_{380}\ \Phi_{285}^{2}\ \Phi_{190}^{2}\ \Phi_{95}^{2}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
129102	1716	210	$\frac{1}{35}$	$\frac{3}{70}$	$\frac{67}{210}$	$\frac{17}{35}$	$\Phi_{210}^{12}\ \Phi_{105}^{12}\ \Phi_{42}^{12}\ \Phi_{35}\ \Phi_{30}^{12}\ \Phi_{21}^{12}\ \Phi_{15}^{12}\ \Phi_{7}\ \Phi_{6}^{12}\ \Phi_{5}\ \Phi_{3}^{12}\ \Phi_{1}^{2}$
129103	1716	35	$\frac{1}{35}$	$\frac{2}{35}$	$\frac{9}{35}$	$\frac{17}{35}$	$\Phi_{35}^{49}\ \Phi_{7}^{49}\ \Phi_{5}^{49}\ \Phi_{1}^{50}$
129104	1716	560	$\frac{1}{35}$	$\frac{9}{140}$	$\frac{131}{560}$	$\frac{17}{35}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{112}^{4}\ \Phi_{80}^{4}\ \Phi_{56}^{4}\ \Phi_{40}^{4}\ \Phi_{35}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
129105	1716	175	$\frac{1}{35}$	$\frac{3}{35}$	$\frac{32}{175}$	$\frac{17}{35}$	$\Phi_{175}^{12}\ \Phi_{35}\ \Phi_{25}^{12}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
129106	1716	315	$\frac{1}{35}$	$\frac{29}{315}$	$\frac{6}{35}$	$\frac{17}{35}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{63}^{6}\ \Phi_{45}^{6}\ \Phi_{35}\ \Phi_{21}^{6}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
129107	1716	490	$\frac{1}{35}$	$\frac{61}{490}$	$\frac{9}{70}$	$\frac{17}{35}$	$\Phi_{490}^{4}\ \Phi_{245}^{4}\ \Phi_{98}^{4}\ \Phi_{49}^{4}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
129108	1716	2577	$\frac{25}{859}$	$\frac{34}{859}$	$\frac{1}{3}$	$\frac{417}{859}$	Φ_{2577}
129109	1716	1715	$\frac{53}{1715}$	$\frac{68}{1715}$	$\frac{549}{1715}$	$\frac{831}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}\ \Phi_{49}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
129110	1716	1728	$\frac{1}{32}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{1728}^{2}\ \Phi_{576}^{2}\ \Phi_{192}\ \Phi_{64}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
129111	1716	1088	$\frac{1}{32}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{31}{64}$	$\Phi_{1088}^{3}\ \Phi_{64}^{4}\ \Phi_{17}^{3}\ \Phi_{1}^{4}$
129112	1716	2240	$\frac{1}{32}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{31}{64}$	$\Phi_{2240}^{2}\ \Phi_{320}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
129113	1716	1884	$\frac{5}{157}$	$\frac{1}{12}$	$\frac{27}{157}$	$\frac{76}{157}$	$\Phi_{1884}\ \Phi_{942}\ \Phi_{628}\ \Phi_{471}\ \Phi_{314}$
129114	1716	1715	$\frac{61}{1715}$	$\frac{129}{1715}$	$\frac{296}{1715}$	$\frac{827}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}\ \Phi_{49}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
129115	1716	3588	$\frac{5}{138}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{133}{276}$	$\Phi_{3588}\ \Phi_{1196}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
129116	1716	764	$\frac{7}{191}$	$\frac{9}{191}$	$\frac{1}{4}$	$\frac{92}{191}$	$\Phi_{764}^{3}\ \Phi_{382}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
129117	1716	266	$\frac{5}{133}$	$\frac{1}{14}$	$\frac{23}{133}$	$\frac{64}{133}$	$\Phi_{266}^{7}\ \Phi_{133}^{6}\ \Phi_{38}^{7}\ \Phi_{19}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
129118	1716	2550	$\frac{1}{34}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{2550}\ \Phi_{1275}\ \Phi_{510}\ \Phi_{255}\ \Phi_{150}\ \Phi_{102}^{2}\ \Phi_{51}^{2}\ \Phi_{30}\ \Phi_{6}^{2}$
129119	1716	325	$\frac{2}{65}$	$\frac{1}{25}$	$\frac{21}{65}$	$\frac{12}{25}$	$\Phi_{325}^{5}\ \Phi_{65}^{6}\ \Phi_{25}^{6}\ \Phi_{13}^{6}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
129120	1716	2300	$\frac{1}{25}$	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{2300}\ \Phi_{1150}\ \Phi_{460}\ \Phi_{230}\ \Phi_{92}^{2}\ \Phi_{46}^{2}$
129121	1716	175	$\frac{1}{25}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{175}^{10}\ \Phi_{35}^{12}\ \Phi_{25}^{6}\ \Phi_{7}^{12}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
129122	1716	325	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{12}{25}$	$\Phi_{325}^{5}\ \Phi_{65}^{5}\ \Phi_{25}^{6}\ \Phi_{13}^{10}\ \Phi_{5}^{6}\ \Phi_{1}^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
129123	1716	2100	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{12}{25}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2$
129124	1716	1715	$\frac{73}{1715}$	$\frac{109}{1715}$	$\frac{298}{1715}$	$\frac{821}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}\ \Phi_{49}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
129125	1716	2292	$\frac{23}{573}$	$\frac{25}{573}$	$\frac{1}{4}$	$\frac{274}{573}$	$\Phi_{2292}\ \Phi_{1146}\ \Phi_{764}\ \Phi_{382}\ \Phi_{12}\ \Phi_6$
129126	1716	840	$\frac{1}{40}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^3\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
129127	1716	231	$\frac{2}{77}$	$\frac{1}{21}$	$\frac{25}{77}$	$\frac{10}{21}$	$\Phi_{231}^7\ \Phi_{77}^8\ \Phi_{33}^7\ \Phi_{21}^8\ \Phi_{11}^8\ \Phi_7^9\ \Phi_3^8\ \Phi_1^{10}$
129128	1716	756	$\frac{1}{27}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{252}^3\ \Phi_{126}^3\ \Phi_{108}^4\ \Phi_{84}^2\ \Phi_{54}^4\ \Phi_{42}^2\ \Phi_{36}^4\ \Phi_{28}^2\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
129129	1716	231	$\frac{1}{21}$	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{10}{21}$	$\Phi_{231}^7\ \Phi_{77}^8\ \Phi_{33}^7\ \Phi_{21}^8\ \Phi_{11}^8\ \Phi_7^9\ \Phi_3^8\ \Phi_1^{10}$
129130	1716	42	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{10}{21}$	$\Phi_{42}^{42}\ \Phi_{21}^{36}\ \Phi_{14}^{48}\ \Phi_7^{41}\ \Phi_6^{42}\ \Phi_3^{36}\ \Phi_2^{48}\ \Phi_1^{42}$
129131	1716	924	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{10}{21}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{44}^4\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{22}^4\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
129132	1716	3536	$\frac{7}{136}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{129}{272}$	$\Phi_{3536}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
129133	1716	1715	$\frac{41}{1715}$	$\frac{89}{1715}$	$\frac{558}{1715}$	$\frac{813}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}\ \Phi_{49}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
129134	1716	266	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{5}{38}$	$\frac{9}{19}$	$\Phi_{266}^7\ \Phi_{133}^7\ \Phi_{38}^3\ \Phi_{19}^4\ \Phi_{14}^6\ \Phi_7^6\ \Phi_2^2\ \Phi_1^4$
129135	1716	1802	$\frac{1}{34}$	$\frac{3}{53}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{1802}\ \Phi_{901}\ \Phi_{106}$
129136	1716	3510	$\frac{8}{135}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{127}{270}$	$\Phi_{3510}\ \Phi_{1170}\ \Phi_{702}\ \Phi_{390}\ \Phi_{234}\ \Phi_{130}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
129137	1716	49	$\frac{1}{49}$	$\frac{3}{49}$	$\frac{16}{49}$	$\frac{23}{49}$	$\Phi_{49}^{35}\ \Phi_7^{35}\ \Phi_1^{36}$
129138	1716	147	$\frac{4}{147}$	$\frac{3}{49}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{147}^{12}\ \Phi_{49}^{11}\ \Phi_{21}^{12}\ \Phi_7^{11}\ \Phi_3^{12}\ \Phi_1^{12}$
129139	1716	245	$\frac{2}{35}$	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{23}{49}$	$\Phi_{245}^7\ \Phi_{49}^5\ \Phi_{35}^{10}\ \Phi_7^7\ \Phi_5^{10}\ \Phi_1^8$
129140	1716	49	$\frac{3}{49}$	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{23}{49}$	$\Phi_{49}^{35}\ \Phi_7^{35}\ \Phi_1^{36}$
129141	1716	2080	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{17}{160}$	$\frac{15}{32}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
129142	1716	1817	$\frac{1}{23}$	$\frac{5}{79}$	$\frac{14}{79}$	$\frac{37}{79}$	Φ_{1817}
129143	1716	1715	$\frac{83}{1715}$	$\frac{111}{1715}$	$\frac{272}{1715}$	$\frac{802}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}\ \Phi_{49}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
129144	1716	120	$\frac{1}{40}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{120}^{15}\ \Phi_{60}^{15}\ \Phi_{40}^{14}\ \Phi_{30}^{15}\ \Phi_{24}^{15}\ \Phi_{20}^{14}\ \Phi_{15}^{12}\ \Phi_{12}^{15}\ \Phi_{10}^{14}\ \Phi_8^{14}\ \Phi_6^{15}\ \Phi_5^{11}\ \Phi_4^{14}\ \Phi_3^{12}\ \Phi_2^{14}\ \Phi_1^{12}$
129145	1716	1884	$\frac{11}{157}$	$\frac{1}{12}$	$\frac{14}{157}$	$\frac{73}{157}$	$\Phi_{1884}\ \Phi_{942}\ \Phi_{628}\ \Phi_{471}\ \Phi_{314}$
129146	1716	1715	$\frac{121}{1715}$	$\frac{142}{1715}$	$\frac{153}{1715}$	$\frac{797}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}\ \Phi_{49}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
129147	1716	287	$\frac{2}{41}$	$\frac{3}{41}$	$\frac{1}{7}$	$\frac{19}{41}$	$\Phi_{287}^7\ \Phi_7^6$
129148	1716	1715	$\frac{64}{1715}$	$\frac{127}{1715}$	$\frac{307}{1715}$	$\frac{794}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}\ \Phi_{49}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
129149	1716	1809	$\frac{1}{27}$	$\frac{5}{67}$	$\frac{12}{67}$	$\frac{31}{67}$	$\Phi_{1809}\ \Phi_{603}\ \Phi_{201}$
129150	1716	2292	$\frac{14}{573}$	$\frac{43}{573}$	$\frac{1}{4}$	$\frac{265}{573}$	$\Phi_{2292}\ \Phi_{1146}\ \Phi_{764}\ \Phi_{382}\ \Phi_{12}\ \Phi_6$
129151	1716	1715	$\frac{38}{1715}$	$\frac{129}{1715}$	$\frac{461}{1715}$	$\frac{793}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}\ \Phi_{49}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
129152	1716	2577	$\frac{14}{859}$	$\frac{65}{859}$	$\frac{1}{3}$	$\frac{397}{859}$	Φ_{2577}
129153	1716	1715	$\frac{71}{1715}$	$\frac{131}{1715}$	$\frac{274}{1715}$	$\frac{792}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}\ \Phi_{49}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
129154	1716	196	$\frac{1}{49}$	$\frac{4}{49}$	$\frac{53}{196}$	$\frac{45}{98}$	$\Phi_{196}^{12}\ \Phi_{49}^{11}\ \Phi_{28}^{12}\ \Phi_7^{11}\ \Phi_4^{12}\ \Phi_1^{12}$
129155	1716	266	$\frac{1}{14}$	$\frac{11}{133}$	$\frac{12}{133}$	$\frac{61}{133}$	$\Phi_{266}^7\ \Phi_{133}^6\ \Phi_{38}^7\ \Phi_{19}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
129156	1716	1608	$\frac{1}{67}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{1608}^2\ \Phi_{536}^2\ \Phi_{201}$
129157	1716	3144	$\frac{2}{131}$	$\frac{1}{12}$	$\frac{43}{131}$	$\frac{11}{24}$	$\Phi_{3144}\ \Phi_{1048}\ \Phi_{131}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
129158	1716	360	$\frac{1}{45}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{360}^9\ \Phi_{180}\ \Phi_{120}^9\ \Phi_{90}\ \Phi_{72}^9\ \Phi_{60}\ \Phi_{40}^9\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}^6\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_8^6\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
129159	1716	3144	$\frac{3}{131}$	$\frac{1}{12}$	$\frac{32}{131}$	$\frac{11}{24}$	$\Phi_{3144}\ \Phi_{1048}\ \Phi_{131}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{1}^2$
129160	1716	2040	$\frac{1}{34}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{2040}^2\ \Phi_{680}^2\ \Phi_{170}\ \Phi_{120}\ \Phi_{85}\ \Phi_{40}\ \Phi_{10}$
129161	1716	3144	$\frac{5}{131}$	$\frac{1}{12}$	$\frac{21}{131}$	$\frac{11}{24}$	$\Phi_{3144}\ \Phi_{1048}\ \Phi_{131}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{1}^2$
129162	1716	3864	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{3864}\ \Phi_{1288}\ \Phi_{161}$
129163	1716	3144	$\frac{10}{131}$	$\frac{1}{12}$	$\frac{11}{131}$	$\frac{11}{24}$	$\Phi_{3144}\ \Phi_{1048}\ \Phi_{131}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{1}^2$
129164	1716	312	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{24}$	$\Phi_{312}^{11}\ \Phi_{156}\ \Phi_{104}^{11}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
129165	1716	343	$\frac{24}{343}$	$\frac{29}{343}$	$\frac{31}{343}$	$\frac{157}{343}$	$\Phi_{343}^5\ \Phi_{49}^5\ \Phi_{7}^5\ \Phi_{1}^6$
129166	1716	287	$\frac{12}{287}$	$\frac{25}{287}$	$\frac{1}{7}$	$\frac{131}{287}$	$\Phi_{287}^6\ \Phi_{41}^6\ \Phi_{7}^5\ \Phi_{1}^6$
129167	1716	1715	$\frac{54}{1715}$	$\frac{151}{1715}$	$\frac{311}{1715}$	$\frac{782}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}\ \Phi_{49}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
129168	1716	764	$\frac{4}{191}$	$\frac{17}{191}$	$\frac{1}{4}$	$\frac{87}{191}$	$\Phi_{764}^3\ \Phi_{382}^3\ \Phi_{4}^2\ \Phi_{2}^2$
129169	1716	1715	$\frac{32}{1715}$	$\frac{153}{1715}$	$\frac{467}{1715}$	$\frac{781}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}\ \Phi_{49}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
129170	1716	525	$\frac{1}{35}$	$\frac{47}{525}$	$\frac{34}{175}$	$\frac{239}{525}$	$\Phi_{525}^3\ \Phi_{175}^4\ \Phi_{105}^3\ \Phi_{75}^3\ \Phi_{35}^3\ \Phi_{25}^4\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{7}^3\ \Phi_{5}^3\ \Phi_{3}^3\ \Phi_{1}^4$
129171	1716	2577	$\frac{12}{859}$	$\frac{77}{859}$	$\frac{1}{3}$	$\frac{391}{859}$	Φ_{2577}
129172	1716	2343	$\frac{1}{71}$	$\frac{1}{11}$	$\frac{70}{213}$	$\frac{5}{11}$	$\Phi_{2343}\ \Phi_{213}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_{3}^2\ \Phi_{1}^2$
129173	1716	781	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{781}^2\ \Phi_{71}^4\ \Phi_{11}^3\ \Phi_{1}^6$
129174	1716	924	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}^4\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}^4$ $\Phi_{33}\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
129175	1716	784	$\frac{1}{49}$	$\frac{37}{392}$	$\frac{12}{49}$	$\frac{355}{784}$	$\Phi_{784}^4\ \Phi_{112}^4\ \Phi_{49}^3\ \Phi_{16}^4\ \Phi_{7}^3\ \Phi_{1}^4$
129176	1716	175	$\frac{1}{35}$	$\frac{17}{175}$	$\frac{32}{175}$	$\frac{79}{175}$	$\Phi_{175}^{10}\ \Phi_{35}^9\ \Phi_{25}^{10}\ \Phi_{7}^9\ \Phi_{5}^9\ \Phi_{1}^{10}$
129177	1716	4740	$\frac{1}{79}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{4740}\ \Phi_{948}\ \Phi_{237}$
129178	1716	620	$\frac{2}{155}$	$\frac{1}{10}$	$\frac{51}{155}$	$\frac{9}{20}$	$\Phi_{620}^5\ \Phi_{155}\ \Phi_{124}^5\ \Phi_{31}\ \Phi_{20}^6\ \Phi_{5}\ \Phi_{4}^6\ \Phi_{1}^2$
129179	1716	1060	$\frac{1}{53}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{1060}\ \Phi_{530}^2\ \Phi_{265}^2\ \Phi_{212}^2\ \Phi_{106}^3\ \Phi_{53}^2$
129180	1716	620	$\frac{3}{155}$	$\frac{1}{10}$	$\frac{38}{155}$	$\frac{9}{20}$	$\Phi_{620}^5\ \Phi_{155}\ \Phi_{124}^5\ \Phi_{31}\ \Phi_{20}^6\ \Phi_{5}\ \Phi_{4}^6\ \Phi_{1}^2$
129181	1716	40	$\frac{1}{40}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{40}^{44}\ \Phi_{20}^{40}\ \Phi_{10}^{44}\ \Phi_{8}^{44}\ \Phi_{5}^{43}\ \Phi_{4}^{40}\ \Phi_{2}^{44}\ \Phi_{1}^{44}$
129182	1716	620	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{5}{31}$	$\frac{9}{20}$	$\Phi_{620}^5\ \Phi_{124}^5\ \Phi_{31}^5\ \Phi_{20}^6\ \Phi_{4}^6\ \Phi_{1}^6$
129183	1716	3780	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{420}\ \Phi_{252}\ \Phi_{189}\ \Phi_{84}\ \Phi_{63}\ \Phi_{21}$
129184	1716	620	$\frac{11}{155}$	$\frac{12}{155}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{620}^5\ \Phi_{155}\ \Phi_{124}^5\ \Phi_{31}\ \Phi_{20}^6\ \Phi_{5}\ \Phi_{4}^6\ \Phi_{1}^2$
129185	1716	1820	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1820}^2\ \Phi_{364}^2\ \Phi_{260}\ \Phi_{182}\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}$
129186	1716	147	$\frac{4}{147}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{147}^{12}\ \Phi_{49}^{11}\ \Phi_{21}^{12}\ \Phi_{7}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
129187	1716	1290	$\frac{1}{43}$	$\frac{14}{129}$	$\frac{1}{5}$	$\frac{115}{258}$	$\Phi_{1290}^3\ \Phi_{430}^3\ \Phi_{215}\ \Phi_{30}^3\ \Phi_{10}^3$
129188	1716	1206	$\frac{1}{67}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{1206}^2\ \Phi_{603}\ \Phi_{402}^2\ \Phi_{201}\ \Phi_{134}^2$
129189	1716	1080	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}\ \Phi_{135}^2\ \Phi_{120}\ \Phi_{108}^2\ \Phi_{90}$ $\Phi_{72}\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
129190	1716	630	$\frac{1}{45}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{630}^5\ \Phi_{210}^5\ \Phi_{126}^5\ \Phi_{90}^5\ \Phi_{70}^4\ \Phi_{45}^4\ \Phi_{42}^5\ \Phi_{30}^5\ \Phi_{18}^5\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{10}^4$ $\Phi_{9}^4\ \Phi_{6}^5\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
129191	1716	3328	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{15}{128}$	$\frac{113}{256}$	$\Phi_{3328}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
129192	1716	720	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{720}^2\ \Phi_{360}^3\ \Phi_{240}^2\ \Phi_{180}^3\ \Phi_{144}^2\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{80}^2\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{48}^2$ $\Phi_{45}^2\ \Phi_{40}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_{9}^2\ \Phi_{6}^3\ \Phi_{5}^2$ Φ_{3}^2
129193	1716	3276	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{17}{126}$	$\frac{109}{252}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
129194	1716	1505	$\frac{4}{215}$	$\frac{211}{1505}$	$\frac{1}{5}$	$\frac{647}{1505}$	$\Phi_{1505}\ \Phi_{301}\ \Phi_{215}^2\ \Phi_{43}^2\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
129195	1716	427	$\frac{4}{427}$	$\frac{1}{7}$	$\frac{141}{427}$	$\frac{3}{7}$	$\Phi_{427}^4\ \Phi_{61}^4\ \Phi_{7}^5\ \Phi_{1}^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
129196	1716	434	$\frac{5}{434}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{434}^4\ \Phi_{217}^4\ \Phi_{62}^4\ \Phi_{31}^4\ \Phi_{14}^4\ \Phi_7\ \Phi_2^4\ \Phi_1^2$
129197	1716	147	$\frac{4}{147}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{147}^{12}\ \Phi_{49}^{12}\ \Phi_{21}^{12}\ \Phi_7^5\ \Phi_3^{12}\ \Phi_1^6$
129198	1716	70	$\frac{2}{35}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{70}^{28}\ \Phi_{35}^{24}\ \Phi_{14}^{20}\ \Phi_{10}^{28}\ \Phi_7^{17}\ \Phi_5^{24}\ \Phi_2^{20}\ \Phi_1^{18}$
129199	1716	1715	$\frac{76}{1715}$	$\frac{149}{1715}$	$\frac{261}{1715}$	$\frac{727}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}\ \Phi_{49}\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
129200	1716	343	$\frac{18}{343}$	$\frac{25}{343}$	$\frac{53}{343}$	$\frac{145}{343}$	$\Phi_{343}^5\ \Phi_{49}^5\ \Phi_7^5\ \Phi_1^6$
129201	1716	266	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{3}{19}$	$\frac{8}{19}$	$\Phi_{266}^7\ \Phi_{133}^7\ \Phi_{38}^7\ \Phi_{14}^6\ \Phi_7^6\ \Phi_2^6$
129202	1716	1884	$\frac{7}{157}$	$\frac{1}{12}$	$\frac{25}{157}$	$\frac{66}{157}$	$\Phi_{1884}\ \Phi_{942}\ \Phi_{628}\ \Phi_{471}\ \Phi_{314}$
129203	1716	1722	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{20}{123}$	$\frac{103}{246}$	$\Phi_{1722}^2\ \Phi_{574}^2\ \Phi_{287}\ \Phi_{42}^2\ \Phi_{14}^2$
129204	1716	245	$\frac{2}{245}$	$\frac{41}{245}$	$\frac{81}{245}$	$\frac{102}{245}$	$\Phi_{245}^7\ \Phi_{49}^7\ \Phi_{35}^7\ \Phi_7^7\ \Phi_5^7\ \Phi_1^8$
129205	1716	245	$\frac{1}{49}$	$\frac{8}{49}$	$\frac{41}{245}$	$\frac{102}{245}$	$\Phi_{245}^6\ \Phi_{49}^{11}\ \Phi_{35}^6\ \Phi_7^{11}\ \Phi_5^6\ \Phi_1^{12}$
129206	1716	3120	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{23}{120}$	$\frac{97}{240}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
129207	1716	1435	$\frac{6}{287}$	$\frac{1}{7}$	$\frac{281}{1435}$	$\frac{577}{1435}$	$\Phi_{1435}\ \Phi_{287}^2\ \Phi_{205}\ \Phi_{41}^2\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
129208	1716	720	$\frac{1}{144}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^4\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^4\ \Phi_{60}^2\ \Phi_{48}^4\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^4\ \Phi_{30}^2\ \Phi_{24}^4\ \Phi_{20}^2\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
129209	1716	190	$\frac{1}{95}$	$\frac{1}{5}$	$\frac{47}{190}$	$\frac{2}{5}$	$\Phi_{190}^{12}\ \Phi_{95}^6\ \Phi_{38}^{12}\ \Phi_{19}^6\ \Phi_{10}^{12}\ \Phi_5^7\ \Phi_2^{12}\ \Phi_1^8$
129210	1716	145	$\frac{2}{145}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{145}^{12}\ \Phi_{29}^{12}\ \Phi_5^7\ \Phi_1^8$
129211	1716	855	$\frac{1}{57}$	$\frac{28}{171}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{855}^2\ \Phi_{285}\ \Phi_{171}^4\ \Phi_{95}\ \Phi_{57}^2\ \Phi_{45}^2\ \Phi_{19}^2\ \Phi_{15}\ \Phi_9^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
129212	1716	200	$\frac{1}{40}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{200}^{10}\ \Phi_{100}^{10}\ \Phi_{50}^{10}\ \Phi_{40}^4\ \Phi_{25}^8\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
129213	1716	475	$\frac{3}{95}$	$\frac{46}{475}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{475}^4\ \Phi_{95}^2\ \Phi_{25}^4\ \Phi_{19}^2\ \Phi_5^3\ \Phi_1^4$
129214	1716	285	$\frac{2}{57}$	$\frac{5}{57}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{285}^5\ \Phi_{95}^5\ \Phi_{57}^{10}\ \Phi_{19}^{10}\ \Phi_{15}^5\ \Phi_5^6\ \Phi_3^{10}\ \Phi_1^{12}$
129215	1716	540	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^2\ \Phi_{108}^6\ \Phi_{90}^3\ \Phi_{60}^2\ \Phi_{54}^6\ \Phi_{45}^2\ \Phi_{36}^6\ \Phi_{30}^2\ \Phi_{27}^4\ \Phi_{20}^2\ \Phi_{18}^6\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_9^4\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
129216	1716	95	$\frac{4}{95}$	$\frac{7}{95}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{95}^{18}\ \Phi_{19}^{18}\ \Phi_5^{19}\ \Phi_1^{20}$
129217	1716	1610	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{322}^2\ \Phi_{230}\ \Phi_{161}^2\ \Phi_{46}^2$
129218	1716	150	$\frac{7}{150}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{150}^{12}\ \Phi_{75}^{12}\ \Phi_{50}^{12}\ \Phi_{30}^{12}\ \Phi_{25}^{12}\ \Phi_{15}^6\ \Phi_{10}^{12}\ \Phi_6^{12}\ \Phi_5^7\ \Phi_3^6\ \Phi_2^{12}\ \Phi_1^8$
129219	1716	760	$\frac{1}{19}$	$\frac{9}{152}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{760}^2\ \Phi_{380}^2\ \Phi_{190}^2\ \Phi_{152}^4\ \Phi_{95}\ \Phi_{76}^4\ \Phi_{40}^2\ \Phi_{38}^4\ \Phi_{20}^2\ \Phi_{19}^2\ \Phi_{10}^2\ \Phi_8^4\ \Phi_5^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
129220	1716	2880	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{360}\ \Phi_{320}\ \Phi_{192}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
129221	1716	2826	$\frac{1}{157}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{2826}\ \Phi_{942}\ \Phi_{471}\ \Phi_{314}$
129222	1716	360	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^5\ \Phi_{72}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{40}^4\ \Phi_{36}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^4\ \Phi_{18}\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_6\ \Phi_5^4\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
129223	1716	147	$\frac{4}{147}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{147}^{12}\ \Phi_{49}^{11}\ \Phi_{21}^{12}\ \Phi_7^{11}\ \Phi_3^{12}\ \Phi_1^{12}$
129224	1716	700	$\frac{1}{35}$	$\frac{17}{175}$	$\frac{79}{350}$	$\frac{271}{700}$	$\Phi_{700}^4\ \Phi_{175}^2\ \Phi_{140}^4\ \Phi_{100}^4\ \Phi_{35}\ \Phi_{28}^4\ \Phi_{25}^2\ \Phi_{20}^4\ \Phi_7\ \Phi_5\ \Phi_4^4\ \Phi_1^2$
129225	1716	1872	$\frac{1}{144}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
129226	1716	230	$\frac{3}{115}$	$\frac{1}{10}$	$\frac{28}{115}$	$\frac{87}{230}$	$\Phi_{230}^7\ \Phi_{115}^8\ \Phi_{46}^7\ \Phi_{23}^8\ \Phi_{10}^6\ \Phi_5^7\ \Phi_2^6\ \Phi_1^8$
129227	1716	490	$\frac{1}{49}$	$\frac{61}{490}$	$\frac{12}{49}$	$\frac{37}{98}$	$\Phi_{490}^4\ \Phi_{245}^4\ \Phi_{70}^4\ \Phi_{49}^3\ \Phi_{35}^4\ \Phi_{10}^4\ \Phi_7^3\ \Phi_5^4\ \Phi_1^4$
129228	1716	3440	$\frac{1}{86}$	$\frac{1}{5}$	$\frac{85}{344}$	$\frac{259}{688}$	$\Phi_{3440}\ \Phi_{430}\ \Phi_{215}\ \Phi_{80}\ \Phi_{10}$
129229	1716	2512	$\frac{1}{157}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{2512}\ \Phi_{628}\ \Phi_{314}$
129230	1716	686	$\frac{3}{343}$	$\frac{85}{343}$	$\frac{86}{343}$	$\frac{257}{686}$	$\Phi_{686}^4\ \Phi_{343}\ \Phi_{98}^4\ \Phi_{49}\ \Phi_{14}^4\ \Phi_7\ \Phi_2^4\ \Phi_1^2$
129231	1716	441	$\frac{1}{49}$	$\frac{16}{147}$	$\frac{131}{441}$	$\frac{155}{441}$	$\Phi_{441}^3\ \Phi_{147}^6\ \Phi_{63}^3\ \Phi_{49}^5\ \Phi_{21}^6\ \Phi_9^3\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
129232	1716	180	$\frac{1}{45}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{180}^{15}\ \Phi_{90}^{5}\ \Phi_{60}^{15}\ \Phi_{45}^{4}\ \Phi_{36}^{15}\ \Phi_{30}^{5}\ \Phi_{20}^{12}\ \Phi_{18}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{15}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{4}^{12}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
129233	1716	1715	$\frac{43}{1715}$	$\frac{152}{1715}$	$\frac{521}{1715}$	$\frac{597}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}\ \Phi_{49}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
129234	1716	1715	$\frac{51}{1715}$	$\frac{128}{1715}$	$\frac{529}{1715}$	$\frac{593}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}\ \Phi_{49}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
129235	1716	1809	$\frac{1}{27}$	$\frac{4}{67}$	$\frac{21}{67}$	$\frac{23}{67}$	$\Phi_{1809}\ \Phi_{603}\ \Phi_{201}$
129236	1716	1817	$\frac{1}{23}$	$\frac{4}{79}$	$\frac{25}{79}$	$\frac{27}{79}$	Φ_{1817}
129237	1716	1715	$\frac{74}{1715}$	$\frac{87}{1715}$	$\frac{547}{1715}$	$\frac{584}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}\ \Phi_{49}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
129238	1716	1715	$\frac{62}{1715}$	$\frac{103}{1715}$	$\frac{551}{1715}$	$\frac{582}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}\ \Phi_{49}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
129239	1716	266	$\frac{4}{133}$	$\frac{1}{14}$	$\frac{43}{133}$	$\frac{45}{133}$	$\Phi_{266}^{7}\ \Phi_{133}^{6}\ \Phi_{38}^{7}\ \Phi_{19}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
129240	1716	2808	$\frac{1}{36}$	$\frac{1}{13}$	$\frac{35}{108}$	$\frac{73}{216}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
129241	1716	1884	$\frac{4}{157}$	$\frac{1}{12}$	$\frac{51}{157}$	$\frac{53}{157}$	$\Phi_{1884}\ \Phi_{942}\ \Phi_{628}\ \Phi_{471}\ \Phi_{314}$
129242	1716	343	$\frac{4}{343}$	$\frac{57}{343}$	$\frac{113}{343}$	$\frac{115}{343}$	$\Phi_{343}^{5}\ \Phi_{49}^{5}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
129243	1716	215	$\frac{2}{215}$	$\frac{1}{5}$	$\frac{71}{215}$	$\frac{72}{215}$	$\Phi_{215}^{8}\ \Phi_{43}^{8}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
129244	1716	1715	$\frac{8}{1715}$	$\frac{569}{1715}$	$\frac{571}{1715}$	$\frac{573}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}\ \Phi_{49}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
129245	1716	2577	$\frac{4}{859}$	$\frac{285}{859}$	$\frac{1}{3}$	$\frac{287}{859}$	Φ_{2577}
129246	1716	642	$\frac{1}{214}$	$\frac{71}{214}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{642}^{2}\ \Phi_{321}^{2}\ \Phi_{214}^{4}\ \Phi_{107}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
129247	1716	144	$\frac{1}{144}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{144}^{12}\ \Phi_{72}^{12}\ \Phi_{48}^{12}\ \Phi_{36}^{12}\ \Phi_{24}^{12}\ \Phi_{18}^{12}\ \Phi_{16}^{12}\ \Phi_{12}^{11}\ \Phi_{9}^{12}\ \Phi_{8}^{12}\ \Phi_{6}^{11}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
129248	1716	1605	$\frac{1}{107}$	$\frac{106}{535}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1605}\ \Phi_{535}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
129249	1716	1005	$\frac{1}{67}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1005}^{2}\ \Phi_{335}^{2}\ \Phi_{201}$
129250	1716	642	$\frac{5}{214}$	$\frac{19}{214}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{642}^{2}\ \Phi_{321}^{2}\ \Phi_{214}^{4}\ \Phi_{107}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
129251	1716	120	$\frac{1}{40}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^{15}\ \Phi_{60}^{15}\ \Phi_{40}^{14}\ \Phi_{30}^{15}\ \Phi_{24}^{15}\ \Phi_{20}^{14}\ \Phi_{15}^{15}\ \Phi_{12}^{11}\ \Phi_{10}^{14}\ \Phi_{8}^{14}\ \Phi_{6}^{11}\ \Phi_{5}^{14}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
129252	1716	321	$\frac{3}{107}$	$\frac{8}{107}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{321}^{4}\ \Phi_{107}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{10}$
129253	1716	714	$\frac{1}{34}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{714}^{2}\ \Phi_{357}^{2}\ \Phi_{238}^{4}\ \Phi_{119}^{4}\ \Phi_{102}\ \Phi_{51}\ \Phi_{42}\ \Phi_{34}^{2}\ \Phi_{21}\ \Phi_{17}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
129254	1716	3420	$\frac{2}{285}$	$\frac{1}{4}$	$\frac{283}{855}$	$\frac{1}{3}$	$\Phi_{3420}\ \Phi_{1710}\ \Phi_{684}\ \Phi_{342}\ \Phi_{180}\ \Phi_{90}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
129255	1716	1491	$\frac{1}{71}$	$\frac{1}{7}$	$\frac{70}{213}$	$\frac{1}{3}$	$\Phi_{1491}\ \Phi_{497}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}$
129256	1716	1965	$\frac{2}{131}$	$\frac{2}{15}$	$\frac{43}{131}$	$\frac{1}{3}$	$\Phi_{1965}\ \Phi_{655}\ \Phi_{131}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
129257	1716	924	$\frac{2}{77}$	$\frac{1}{12}$	$\frac{25}{77}$	$\frac{1}{3}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{231}\ \Phi_{154}^{2}\ \Phi_{132}^{2}\ \Phi_{84}^{2}\ \Phi_{77}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{42}^{2}\ \Phi_{33}\ \Phi_{28}^{2}\ \Phi_{22}^{2}\ \Phi_{21}\ \Phi_{14}^{2}\ \Phi_{12}^{4}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
129258	1716	2730	$\frac{2}{65}$	$\frac{1}{14}$	$\frac{21}{65}$	$\frac{1}{3}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{273}\ \Phi_{210}\ \Phi_{105}\ \Phi_{78}\ \Phi_{42}^{2}\ \Phi_{30}\ \Phi_{21}^{2}\ \Phi_{6}^{2}$
129259	1716	2577	$\frac{31}{859}$	$\frac{53}{859}$	$\frac{276}{859}$	$\frac{1}{3}$	Φ_{2577}
129260	1716	2577	$\frac{37}{859}$	$\frac{45}{859}$	$\frac{274}{859}$	$\frac{1}{3}$	Φ_{2577}
129261	1716	1311	$\frac{1}{23}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{1311}^{2}\ \Phi_{69}^{3}$
129262	1716	432	$\frac{1}{27}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{432}^{4}\ \Phi_{216}^{4}\ \Phi_{144}^{4}\ \Phi_{108}^{4}\ \Phi_{72}^{4}\ \Phi_{54}^{4}\ \Phi_{48}^{2}\ \Phi_{36}^{4}\ \Phi_{27}^{6}\ \Phi_{24}^{2}\ \Phi_{18}^{4}\ \Phi_{16}^{4}\ \Phi_{12}^{2}\ \Phi_{9}^{6}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
129263	1716	2577	$\frac{27}{859}$	$\frac{64}{859}$	$\frac{265}{859}$	$\frac{1}{3}$	Φ_{2577}
129264	1716	2577	$\frac{23}{859}$	$\frac{76}{859}$	$\frac{261}{859}$	$\frac{1}{3}$	Φ_{2577}
129265	1716	2520	$\frac{1}{40}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
129266	1716	1206	$\frac{1}{67}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{1206}^{2}\ \Phi_{603}^{2}\ \Phi_{201}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
129267	1716	1185	$\frac{1}{79}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{1185}\ \Phi_{395}^2\ \Phi_{237}^2\ \Phi_{79}^2$
129268	1716	1140	$\frac{1}{95}$	$\frac{47}{190}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}^3\ \Phi_{570}\ \Phi_{285}^2\ \Phi_{228}^3\ \Phi_{114}\ \Phi_{60}^3\ \Phi_{57}^2\ \Phi_{30}\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
129269	1716	1740	$\frac{2}{145}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1740}^2\ \Phi_{870}^2\ \Phi_{348}^2\ \Phi_{174}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
129270	1716	3216	$\frac{1}{67}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3216}\ \Phi_{1608}\ \Phi_{201}$
129271	1716	684	$\frac{1}{57}$	$\frac{28}{171}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{684}^4\ \Phi_{342}^4\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
129272	1716	180	$\frac{1}{45}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^{13}\ \Phi_{90}^{13}\ \Phi_{60}^{12}\ \Phi_{36}^{13}\ \Phi_{30}^{12}\ \Phi_{20}^{12}\ \Phi_{18}^{13}\ \Phi_{12}^{13}\ \Phi_{10}^{12}\ \Phi_6^{13}\ \Phi_4^{12}\ \Phi_2^{12}$
129273	1716	228	$\frac{2}{57}$	$\frac{5}{57}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^{10}\ \Phi_{114}^{10}\ \Phi_{76}^{10}\ \Phi_{38}^{10}\ \Phi_{12}^{11}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_2^{10}$
129274	1716	108	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{108}^{16}\ \Phi_{54}^{16}\ \Phi_{36}^{16}\ \Phi_{27}^{18}\ \Phi_{18}^{16}\ \Phi_{12}^{11}\ \Phi_9^{18}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
129275	1716	1140	$\frac{4}{95}$	$\frac{7}{95}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}^3\ \Phi_{570}^3\ \Phi_{228}^3\ \Phi_{114}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{12}^4\ \Phi_6^4$
129276	1716	1932	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1932}^2\ \Phi_{966}\ \Phi_{483}\ \Phi_{276}\ \Phi_{69}$
129277	1716	300	$\frac{7}{150}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^8\ \Phi_{150}^4\ \Phi_{100}^8\ \Phi_{75}^4\ \Phi_{60}^6\ \Phi_{50}^4\ \Phi_{30}^2\ \Phi_{25}^4\ \Phi_{20}^6\ \Phi_{15}^4\ \Phi_{12}^7\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^4\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
129278	1716	456	$\frac{1}{19}$	$\frac{9}{152}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{456}^6\ \Phi_{228}^5\ \Phi_{114}^5\ \Phi_{57}^6\ \Phi_{24}^6\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^6$
129279	1716	1965	$\frac{3}{131}$	$\frac{2}{15}$	$\frac{32}{131}$	$\frac{1}{3}$	$\Phi_{1965}\ \Phi_{655}\ \Phi_{131}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
129280	1716	840	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{168}^3\ \Phi_{120}^4\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{60}^4\ \Phi_{42}\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{21}^2\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
129281	1716	510	$\frac{1}{34}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{510}^3\ \Phi_{255}^3\ \Phi_{170}^4\ \Phi_{102}^4\ \Phi_{85}^4\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{30}^3\ \Phi_{17}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
129282	1716	210	$\frac{2}{35}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^{13}\ \Phi_{105}^{11}\ \Phi_{42}^{14}\ \Phi_{30}^{13}\ \Phi_{21}^{12}\ \Phi_{15}^{12}\ \Phi_6^{14}\ \Phi_3^{12}$
129283	1716	1080	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
129284	1716	1965	$\frac{5}{131}$	$\frac{2}{15}$	$\frac{21}{131}$	$\frac{1}{3}$	$\Phi_{1965}\ \Phi_{655}\ \Phi_{131}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
129285	1716	924	$\frac{5}{77}$	$\frac{1}{12}$	$\frac{12}{77}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_7^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
129286	1716	2577	$\frac{61}{859}$	$\frac{66}{859}$	$\frac{133}{859}$	$\frac{1}{3}$	Φ_{2577}
129287	1716	546	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{3}$	$\Phi_{546}^5\ \Phi_{273}^5\ \Phi_{78}^5\ \Phi_{42}^6\ \Phi_{21}^6\ \Phi_6^6$
129288	1716	2577	$\frac{56}{859}$	$\frac{73}{859}$	$\frac{131}{859}$	$\frac{1}{3}$	Φ_{2577}
129289	1716	2415	$\frac{1}{23}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{805}\ \Phi_{161}$
129290	1716	1491	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1491}^2\ \Phi_{21}^3$
129291	1716	84	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{84}^{22}\ \Phi_{42}^{16}\ \Phi_{28}^{22}\ \Phi_{21}^{17}\ \Phi_{14}^{22}\ \Phi_{12}^{24}\ \Phi_7^{22}\ \Phi_6^{18}\ \Phi_4^{24}\ \Phi_3^{18}\ \Phi_2^{24}\ \Phi_1^{24}$
129292	1716	1965	$\frac{10}{131}$	$\frac{11}{131}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1965}\ \Phi_{655}\ \Phi_{131}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
129293	1716	780	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{260}^3\ \Phi_{195}^2\ \Phi_{156}\ \Phi_{130}^3\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
129294	1716	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{3}$	$\Phi_{132}^{12}\ \Phi_{66}^{12}\ \Phi_{44}^{14}\ \Phi_{33}^{13}\ \Phi_{22}^{14}\ \Phi_{12}^{14}\ \Phi_{11}^{14}\ \Phi_6^{14}\ \Phi_4^{16}\ \Phi_3^{14}\ \Phi_2^{16}\ \Phi_1^{16}$
129295	1716	465	$\frac{2}{155}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{51}{155}$	$\Phi_{465}^5\ \Phi_{155}\ \Phi_{93}^5\ \Phi_{31}\ \Phi_{15}^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
129296	1716	2343	$\frac{1}{71}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{70}{213}$	$\Phi_{2343}\ \Phi_{213}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
129297	1716	4260	$\frac{1}{71}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{70}{213}$	$\Phi_{4260}\ \Phi_{2130}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
129298	1716	2358	$\frac{2}{131}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{43}{131}$	$\Phi_{2358}\ \Phi_{1179}\ \Phi_{131}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
129299	1716	2096	$\frac{2}{131}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{43}{131}$	$\Phi_{2096}\ \Phi_{1048}\ \Phi_{131}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
129300	1716	860	$\frac{1}{43}$	$\frac{29}{172}$	$\frac{1}{5}$	$\frac{14}{43}$	$\Phi_{860}^3\ \Phi_{430}^3\ \Phi_{215}\ \Phi_{20}^3\ \Phi_{10}^3$
129301	1716	2583	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{83}{369}$	$\frac{40}{123}$	$\Phi_{2583}\ \Phi_{287}\ \Phi_{63}$
129302	1716	154	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{25}{77}$	$\Phi_{154}^{14}\ \Phi_{77}^8\ \Phi_{22}^{14}\ \Phi_{14}^{16}\ \Phi_{11}^8\ \Phi_7^9\ \Phi_2^{16}\ \Phi_1^{10}$
129303	1716	195	$\frac{2}{65}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{21}{65}$	$\Phi_{195}^{10}\ \Phi_{65}^6\ \Phi_{39}^{10}\ \Phi_{15}^{12}\ \Phi_{13}^6\ \Phi_5^7\ \Phi_3^{12}\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
129304	1716	210	$\frac{3}{70}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{67}{210}$	$\Phi_{210}^{12}\ \Phi_{105}^{12}\ \Phi_{42}^{12}\ \Phi_{35}\ \Phi_{30}^{12}\ \Phi_{21}^{12}\ \Phi_{15}^{12}\ \Phi_{7}\ \Phi_{6}^{12}\ \Phi_{5}\ \Phi_{3}^{12}\ \Phi_{1}^{2}$
129305	1716	210	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{67}{210}$	$\Phi_{210}^{12}\ \Phi_{105}^{12}\ \Phi_{42}^{12}\ \Phi_{30}^{12}\ \Phi_{21}^{12}\ \Phi_{15}^{12}\ \Phi_{10}^{4}\ \Phi_{6}^{12}\ \Phi_{5}^{3}\ \Phi_{3}^{12}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
129306	1716	210	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{67}{210}$	$\Phi_{210}^{12}\ \Phi_{105}^{12}\ \Phi_{42}^{12}\ \Phi_{30}^{12}\ \Phi_{21}^{12}\ \Phi_{15}^{12}\ \Phi_{7}^{5}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{6}$
129307	1716	817	$\frac{1}{19}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{6}{19}$	$\Phi_{817}^{2}\ \Phi_{43}^{3}\ \Phi_{19}^{4}\ \Phi_{1}^{6}$
129308	1716	798	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{13}{57}$	$\frac{6}{19}$	$\Phi_{798}^{3}\ \Phi_{399}^{3}\ \Phi_{266}\ \Phi_{133}\ \Phi_{114}^{3}\ \Phi_{42}^{3}\ \Phi_{38}\ \Phi_{21}^{3}\ \Phi_{6}^{3}$
129309	1716	1140	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{6}{19}$	$\Phi_{1140}^{2}\ \Phi_{570}^{2}\ \Phi_{380}^{2}\ \Phi_{285}^{2}\ \Phi_{190}^{2}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{3}$
129310	1716	175	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{32}{175}$	$\frac{11}{35}$	$\Phi_{175}^{12}\ \Phi_{35}\ \Phi_{25}^{12}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
129311	1716	1715	$\frac{101}{1715}$	$\frac{107}{1715}$	$\frac{402}{1715}$	$\frac{538}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}\ \Phi_{49}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
129312	1716	272	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{4}{17}$	$\frac{5}{16}$	$\Phi_{272}^{6}\ \Phi_{136}^{6}\ \Phi_{68}^{6}\ \Phi_{34}^{6}\ \Phi_{17}^{9}\ \Phi_{16}^{8}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
129313	1716	560	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{5}{16}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{140}^{4}\ \Phi_{80}^{2}\ \Phi_{70}^{5}\ \Phi_{40}^{2}\ \Phi_{35}^{5}\ \Phi_{20}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
129314	1716	208	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{3}{16}$	$\frac{5}{16}$	$\Phi_{208}^{9}\ \Phi_{104}^{9}\ \Phi_{52}^{9}\ \Phi_{26}^{9}\ \Phi_{13}^{8}$
129315	1716	1884	$\frac{10}{157}$	$\frac{1}{12}$	$\frac{27}{157}$	$\frac{49}{157}$	$\Phi_{1884}\ \Phi_{942}\ \Phi_{628}\ \Phi_{471}\ \Phi_{314}$
129316	1716	245	$\frac{13}{245}$	$\frac{17}{245}$	$\frac{58}{245}$	$\frac{76}{245}$	$\Phi_{245}^{7}\ \Phi_{49}^{7}\ \Phi_{35}^{7}\ \Phi_{7}^{7}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
129317	1716	1715	$\frac{122}{1715}$	$\frac{129}{1715}$	$\frac{296}{1715}$	$\frac{531}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}\ \Phi_{49}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
129318	1716	430	$\frac{27}{430}$	$\frac{31}{430}$	$\frac{1}{5}$	$\frac{133}{430}$	$\Phi_{430}^{4}\ \Phi_{215}^{4}\ \Phi_{86}^{4}\ \Phi_{43}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
129319	1716	266	$\frac{1}{14}$	$\frac{10}{133}$	$\frac{23}{133}$	$\frac{41}{133}$	$\Phi_{266}^{7}\ \Phi_{133}^{6}\ \Phi_{38}^{7}\ \Phi_{19}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
129320	1716	1715	$\frac{109}{1715}$	$\frac{146}{1715}$	$\frac{298}{1715}$	$\frac{523}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}\ \Phi_{49}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
129321	1716	430	$\frac{23}{430}$	$\frac{37}{430}$	$\frac{1}{5}$	$\frac{131}{430}$	$\Phi_{430}^{4}\ \Phi_{215}^{4}\ \Phi_{86}^{4}\ \Phi_{43}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
129322	1716	126	$\frac{1}{14}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{63}$	$\Phi_{126}^{21}\ \Phi_{63}^{18}\ \Phi_{18}^{21}\ \Phi_{14}^{6}\ \Phi_{9}^{18}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
129323	1716	150	$\frac{7}{150}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{150}^{12}\ \Phi_{75}^{12}\ \Phi_{50}^{12}\ \Phi_{30}^{12}\ \Phi_{25}^{12}\ \Phi_{15}^{12}\ \Phi_{10}^{4}\ \Phi_{6}^{12}\ \Phi_{5}^{3}\ \Phi_{3}^{12}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
129324	1716	2106	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{19}{162}$	$\frac{8}{27}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{702}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
129325	1716	189	$\frac{5}{189}$	$\frac{1}{7}$	$\frac{46}{189}$	$\frac{2}{7}$	$\Phi_{189}^{9}\ \Phi_{63}^{9}\ \Phi_{27}^{9}\ \Phi_{21}^{9}\ \Phi_{9}^{9}\ \Phi_{7}^{11}\ \Phi_{3}^{9}\ \Phi_{1}^{12}$
129326	1716	147	$\frac{4}{147}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{147}^{12}\ \Phi_{49}^{12}\ \Phi_{21}^{9}\ \Phi_{7}^{11}\ \Phi_{3}^{9}\ \Phi_{1}^{12}$
129327	1716	322	$\frac{5}{161}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{322}^{7}\ \Phi_{161}^{4}\ \Phi_{46}^{7}\ \Phi_{23}^{4}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
129328	1716	98	$\frac{1}{14}$	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{98}^{21}\ \Phi_{49}^{18}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
129329	1716	315	$\frac{5}{63}$	$\frac{29}{315}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{63}^{3}\ \Phi_{45}^{6}\ \Phi_{35}^{6}\ \Phi_{21}^{3}\ \Phi_{15}^{6}\ \Phi_{9}^{3}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
129330	1716	180	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{180}^{13}\ \Phi_{90}^{7}\ \Phi_{60}^{13}\ \Phi_{45}^{6}\ \Phi_{36}^{11}\ \Phi_{30}^{7}\ \Phi_{20}^{13}\ \Phi_{18}^{6}\ \Phi_{15}^{6}\ \Phi_{12}^{13}\ \Phi_{10}^{7}\ \Phi_{9}^{5}\ \Phi_{6}^{7}\ \Phi_{5}^{6}\ \Phi_{4}^{12}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
129331	1716	2358	$\frac{3}{131}$	$\frac{1}{6}$	$\frac{32}{131}$	$\frac{5}{18}$	$\Phi_{2358}\ \Phi_{1179}\ \Phi_{131}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
129332	1716	1530	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{1530}^{2}\ \Phi_{765}^{2}\ \Phi_{170}\ \Phi_{90}\ \Phi_{85}\ \Phi_{45}\ \Phi_{10}$
129333	1716	2358	$\frac{5}{131}$	$\frac{21}{131}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2358}\ \Phi_{1179}\ \Phi_{131}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
129334	1716	2898	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2898}\ \Phi_{1449}\ \Phi_{161}$
129335	1716	2358	$\frac{10}{131}$	$\frac{11}{131}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2358}\ \Phi_{1179}\ \Phi_{131}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
129336	1716	468	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{468}^{6}\ \Phi_{234}^{5}\ \Phi_{156}\ \Phi_{117}^{5}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
129337	1716	781	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{781}^{2}\ \Phi_{71}^{4}\ \Phi_{11}^{3}\ \Phi_{1}^{6}$
129338	1716	924	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{231}^{2}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}^{4}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}^{4}\ \Phi_{33}\ \Phi_{28}^{4}\ \Phi_{21}^{4}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
129339	1716	196	$\frac{1}{49}$	$\frac{37}{196}$	$\frac{12}{49}$	$\frac{53}{196}$	$\Phi_{196}^{8}\ \Phi_{98}^{8}\ \Phi_{49}^{11}\ \Phi_{28}^{8}\ \Phi_{14}^{8}\ \Phi_{7}^{11}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
129340	1716	175	$\frac{1}{35}$	$\frac{32}{175}$	$\frac{34}{175}$	$\frac{47}{175}$	$\Phi_{175}^{10}\ \Phi_{35}^{9}\ \Phi_{25}^{10}\ \Phi_{7}^{9}\ \Phi_{5}^{9}\ \Phi_{1}^{10}$
129341	1716	3180	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{3180}\ \Phi_{1590}\ \Phi_{636}\ \Phi_{318}\ \Phi_{212}\ \Phi_{106}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
129342	1716	465	$\frac{3}{155}$	$\frac{1}{5}$	$\frac{38}{155}$	$\frac{4}{15}$	$\Phi_{465}^{5}\ \Phi_{155}\ \Phi_{93}^{5}\ \Phi_{31}\ \Phi_{15}^{6}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
129343	1716	120	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{120}^{20}\ \Phi_{60}^{20}\ \Phi_{40}^{4}\ \Phi_{30}^{20}\ \Phi_{24}^{20}\ \Phi_{20}^{4}\ \Phi_{15}^{16}\ \Phi_{12}^{20}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{20}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{16}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
129344	1716	465	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{465}^{5}\ \Phi_{93}^{5}\ \Phi_{31}^{5}\ \Phi_{15}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
129345	1716	945	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{3}\ \Phi_{105}\ \Phi_{63}^{3}\ \Phi_{35}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}$
129346	1716	465	$\frac{11}{155}$	$\frac{12}{155}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{465}^{5}\ \Phi_{155}\ \Phi_{93}^{5}\ \Phi_{31}\ \Phi_{15}^{6}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
129347	1716	2730	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{273}\ \Phi_{182}\ \Phi_{91}\ \Phi_{78}\ \Phi_{26}$
129348	1716	147	$\frac{4}{147}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{147}^{12}\ \Phi_{49}^{11}\ \Phi_{21}^{12}\ \Phi_{7}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
129349	1716	35	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{9}{35}$	$\Phi_{35}^{49}\ \Phi_{7}^{49}\ \Phi_{5}^{49}\ \Phi_{1}^{50}$
129350	1716	1715	$\frac{116}{1715}$	$\frac{123}{1715}$	$\frac{398}{1715}$	$\frac{439}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}\ \Phi_{49}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
129351	1716	266	$\frac{9}{133}$	$\frac{1}{14}$	$\frac{31}{133}$	$\frac{34}{133}$	$\Phi_{266}^{7}\ \Phi_{133}^{6}\ \Phi_{38}^{7}\ \Phi_{19}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
129352	1716	2496	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{15}{64}$	$\frac{49}{192}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
129353	1716	1884	$\frac{9}{157}$	$\frac{1}{12}$	$\frac{37}{157}$	$\frac{40}{157}$	$\Phi_{1884}\ \Phi_{942}\ \Phi_{628}\ \Phi_{471}\ \Phi_{314}$
129354	1716	720	$\frac{1}{45}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{3}\ \Phi_{180}\ \Phi_{144}^{3}\ \Phi_{120}^{3}\ \Phi_{90}\ \Phi_{80}^{3}\ \Phi_{72}^{3}\ \Phi_{60}\ \Phi_{48}^{3}\ \Phi_{40}^{3}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}^{3}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
129355	1716	2096	$\frac{3}{131}$	$\frac{3}{16}$	$\frac{32}{131}$	$\frac{1}{4}$	$\Phi_{2096}\ \Phi_{1048}\ \Phi_{131}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
129356	1716	204	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{4}{17}$	$\frac{1}{4}$	$\Phi_{204}^{9}\ \Phi_{102}^{9}\ \Phi_{68}^{6}\ \Phi_{51}^{9}\ \Phi_{34}^{6}\ \Phi_{17}^{9}\ \Phi_{12}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{8}\ \Phi_{3}^{12}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
129357	1716	1204	$\frac{3}{43}$	$\frac{1}{14}$	$\frac{10}{43}$	$\frac{1}{4}$	$\Phi_{1204}^{2}\ \Phi_{602}\ \Phi_{301}\ \Phi_{172}\ \Phi_{43}\ \Phi_{28}^{4}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
129358	1716	2292	$\frac{40}{573}$	$\frac{41}{573}$	$\frac{133}{573}$	$\frac{1}{4}$	$\Phi_{2292}\ \Phi_{1146}\ \Phi_{764}\ \Phi_{382}\ \Phi_{12}\ \Phi_{6}$
129359	1716	2292	$\frac{34}{573}$	$\frac{49}{573}$	$\frac{131}{573}$	$\frac{1}{4}$	$\Phi_{2292}\ \Phi_{1146}\ \Phi_{764}\ \Phi_{382}\ \Phi_{12}\ \Phi_{6}$
129360	1716	756	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{756}^{3}\ \Phi_{378}\ \Phi_{252}^{3}\ \Phi_{189}^{2}\ \Phi_{126}\ \Phi_{108}^{4}\ \Phi_{84}^{3}\ \Phi_{63}^{2}\ \Phi_{54}^{2}\ \Phi_{42}\ \Phi_{36}^{4}\ \Phi_{27}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
129361	1716	1360	$\frac{1}{34}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1360}^{2}\ \Phi_{680}^{2}\ \Phi_{170}\ \Phi_{85}\ \Phi_{80}\ \Phi_{40}\ \Phi_{10}$
129362	1716	1380	$\frac{1}{23}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1380}^{2}\ \Phi_{690}^{2}\ \Phi_{460}\ \Phi_{276}^{2}\ \Phi_{230}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{46}^{2}$
129363	1716	1420	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1420}^{2}\ \Phi_{710}^{2}\ \Phi_{20}^{3}\ \Phi_{10}^{3}$
129364	1716	420	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{140}^{4}\ \Phi_{105}^{6}\ \Phi_{70}^{5}\ \Phi_{60}^{3}\ \Phi_{35}^{5}\ \Phi_{30}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
129365	1716	2096	$\frac{5}{131}$	$\frac{21}{131}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2096}\ \Phi_{1048}\ \Phi_{131}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
129366	1716	2576	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2576}\ \Phi_{1288}\ \Phi_{161}$
129367	1716	2096	$\frac{10}{131}$	$\frac{11}{131}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2096}\ \Phi_{1048}\ \Phi_{131}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
129368	1716	624	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{624}^{4}\ \Phi_{312}^{4}\ \Phi_{208}^{3}\ \Phi_{156}\ \Phi_{104}^{3}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
129369	1716	2080	$\frac{1}{13}$	$\frac{17}{160}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
129370	1716	2184	$\frac{1}{13}$	$\frac{3}{28}$	$\frac{25}{168}$	$\frac{1}{4}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
129371	1716	154	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{37}{154}$	$\Phi_{154}^{10}\ \Phi_{77}^{12}\ \Phi_{22}^{10}\ \Phi_{14}^{12}\ \Phi_{11}^{12}\ \Phi_{7}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
129372	1716	680	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{4}{17}$	$\Phi_{680}^{3}\ \Phi_{340}^{3}\ \Phi_{170}^{3}\ \Phi_{85}^{3}\ \Phi_{40}^{4}\ \Phi_{20}^{4}\ \Phi_{17}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
129373	1716	560	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{131}{560}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{112}^{4}\ \Phi_{80}^{4}\ \Phi_{56}^{4}\ \Phi_{40}^{4}\ \Phi_{16}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
129374	1716	154	$\frac{5}{77}$	$\frac{1}{7}$	$\frac{12}{77}$	$\frac{3}{14}$	$\Phi_{154}^{14}\ \Phi_{77}^{8}\ \Phi_{22}^{14}\ \Phi_{14}^{16}\ \Phi_{11}^{8}\ \Phi_{7}^{9}\ \Phi_{2}^{16}\ \Phi_{1}^{10}$
129375	1716	14	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{14}^{120}\ \Phi_{7}^{125}\ \Phi_{2}^{120}\ \Phi_{1}^{126}$
129376	1716	308	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{308}^{6}\ \Phi_{154}^{4}\ \Phi_{77}^{5}\ \Phi_{44}^{8}\ \Phi_{28}^{6}\ \Phi_{22}^{6}\ \Phi_{14}^{6}\ \Phi_{11}^{6}\ \Phi_{7}^{6}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
129377	1716	266	$\frac{1}{14}$	$\frac{5}{38}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{266}^{7}\ \Phi_{133}^{7}\ \Phi_{38}^{3}\ \Phi_{19}^{4}\ \Phi_{14}^{6}\ \Phi_{7}^{6}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
129378	1716	2340	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{180}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{468}\ \Phi_{390}\ \Phi_{260}\ \Phi_{234}\ \Phi_{156}\ \Phi_{130}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
129379	1716	49	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{10}{49}$	$\Phi_{49}^{35}\ \Phi_{7}^{35}\ \Phi_{1}^{36}$
129380	1716	150	$\frac{7}{150}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{150}^{12}\ \Phi_{75}^{12}\ \Phi_{50}^{12}\ \Phi_{30}^{12}\ \Phi_{25}^{8}\ \Phi_{15}^{12}\ \Phi_{10}^{12}\ \Phi_{6}^{12}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
129381	1716	170	$\frac{4}{85}$	$\frac{27}{170}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{170}^{12}\ \Phi_{85}^{8}\ \Phi_{34}^{12}\ \Phi_{17}^{8}\ \Phi_{10}^{12}\ \Phi_{5}^{11}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
129382	1716	105	$\frac{2}{35}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{105}^{20}\ \Phi_{35}^{12}\ \Phi_{21}^{20}\ \Phi_{15}^{12}\ \Phi_{7}^{12}\ \Phi_{5}^{7}\ \Phi_{3}^{12}\ \Phi_{1}^{8}$
129383	1716	280	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{5}$	$\Phi_{280}^{6}\ \Phi_{140}^{6}\ \Phi_{70}^{7}\ \Phi_{56}^{8}\ \Phi_{40}^{3}\ \Phi_{35}^{7}\ \Phi_{28}^{8}\ \Phi_{20}^{3}\ \Phi_{14}^{8}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{8}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
129384	1716	195	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{2}{13}$	$\frac{1}{5}$	$\Phi_{195}^{10}\ \Phi_{65}^{5}\ \Phi_{39}^{10}\ \Phi_{15}^{12}\ \Phi_{13}^{10}\ \Phi_{5}^{6}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
129385	1716	160	$\frac{1}{10}$	$\frac{17}{160}$	$\frac{3}{20}$	$\frac{1}{5}$	$\Phi_{160}^{12}\ \Phi_{80}^{12}\ \Phi_{40}^{12}\ \Phi_{32}^{12}\ \Phi_{16}^{12}\ \Phi_{10}^{4}\ \Phi_{8}^{12}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
129386	1716	420	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{140}^{5}\ \Phi_{105}^{3}\ \Phi_{84}^{6}\ \Phi_{70}^{5}\ \Phi_{42}^{6}\ \Phi_{35}^{4}\ \Phi_{28}^{6}\ \Phi_{21}^{4}\ \Phi_{14}^{6}\ \Phi_{7}^{4}$
129387	1716	490	$\frac{1}{10}$	$\frac{61}{490}$	$\frac{9}{70}$	$\frac{1}{5}$	$\Phi_{490}^{4}\ \Phi_{245}^{4}\ \Phi_{98}^{4}\ \Phi_{49}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
129388	1716	175	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{32}{175}$	$\Phi_{175}^{12}\ \Phi_{25}^{12}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
129389	1716	315	$\frac{29}{315}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{63}^{6}\ \Phi_{45}^{6}\ \Phi_{21}^{6}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
129390	1716	168	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{25}{168}$	$\Phi_{168}^{12}\ \Phi_{84}^{12}\ \Phi_{56}^{12}\ \Phi_{42}^{12}\ \Phi_{24}^{12}\ \Phi_{21}^{12}\ \Phi_{12}^{12}\ \Phi_{8}^{12}\ \Phi_{7}^{5}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{6}$
129391	1717	3424	$\frac{5}{1712}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1707}{3424}$	$\Phi_{3424}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
129392	1717	2292	$\frac{2}{573}$	$\frac{575}{2292}$	$\frac{1}{3}$	$\frac{571}{1146}$	$\Phi_{2292}\ \Phi_{764}\ \Phi_{573}\ \Phi_{191}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
129393	1717	3420	$\frac{7}{1710}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1703}{3420}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{228}\ \Phi_{180}\ \Phi_{76}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
129394	1717	3120	$\frac{1}{156}$	$\frac{157}{1560}$	$\frac{1403}{3120}$	$\frac{155}{312}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{312}\ \Phi_{240}\ \Phi_{208}\ \Phi_{104}\ \Phi_{80}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
129395	1717	3168	$\frac{1}{132}$	$\frac{133}{1584}$	$\frac{1451}{3168}$	$\frac{131}{264}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{264}\ \Phi_{96}\ \Phi_{88}\ \Phi_{32}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
129396	1717	2376	$\frac{1}{132}$	$\frac{133}{792}$	$\frac{659}{2376}$	$\frac{131}{264}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{264}\ \Phi_{216}\ \Phi_{108}\ \Phi_{88}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
129397	1717	2112	$\frac{1}{132}$	$\frac{395}{2112}$	$\frac{133}{528}$	$\frac{131}{264}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{264}\ \Phi_{192}\ \Phi_{96}\ \Phi_{88}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
129398	1717	3408	$\frac{13}{1704}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1691}{3408}$	$\Phi_{3408}\ \Phi_{1136}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
129399	1717	2064	$\frac{3}{344}$	$\frac{347}{2064}$	$\frac{1}{4}$	$\frac{341}{688}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{516}\ \Phi_{344}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}\ \Phi_{48}\ \Phi_{43}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
129400	1717	800	$\frac{1}{100}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{99}{200}$	$\Phi_{800}^{4}\ \Phi_{200}\ \Phi_{160}^{4}\ \Phi_{40}\ \Phi_{32}^{5}\ \Phi_{8}\ \Phi_{1}$
129401	1717	600	$\frac{1}{100}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{99}{200}$	$\Phi_{600}^{4}\ \Phi_{300}^{4}\ \Phi_{200}\ \Phi_{150}^{4}\ \Phi_{120}^{4}\ \Phi_{75}^{4}\ \Phi_{60}^{4}\ \Phi_{40}\ \Phi_{30}^{4}\ \Phi_{24}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{8}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}$
129402	1717	200	$\frac{1}{100}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{99}{200}$	$\Phi_{200}^{17}\ \Phi_{40}^{17}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}^{17}\ \Phi_{5}\ \Phi_{1}$
129403	1717	3384	$\frac{25}{1692}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1667}{3384}$	$\Phi_{3384}\ \Phi_{1128}\ \Phi_{376}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
129404	1717	2304	$\frac{11}{576}$	$\frac{1}{12}$	$\frac{587}{2304}$	$\frac{565}{1152}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
129405	1717	3328	$\frac{1}{52}$	$\frac{53}{1664}$	$\frac{1611}{3328}$	$\frac{51}{104}$	$\Phi_{3328}\ \Phi_{256}\ \Phi_{104}\ \Phi_{8}\ \Phi_{1}$
129406	1717	2496	$\frac{1}{52}$	$\frac{53}{832}$	$\frac{779}{2496}$	$\frac{51}{104}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{192}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
129407	1717	1872	$\frac{1}{52}$	$\frac{155}{1872}$	$\frac{53}{208}$	$\frac{51}{104}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
129408	1717	2080	$\frac{1}{52}$	$\frac{53}{416}$	$\frac{363}{2080}$	$\frac{51}{104}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{160}\ \Phi_{130}\ \Phi_{104}\ \Phi_{80}\ \Phi_{65}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
129409	1717	198	$\frac{2}{99}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{97}{198}$	$\Phi_{198}^{8}\ \Phi_{99}^{9}\ \Phi_{66}^{8}\ \Phi_{33}^{9}\ \Phi_{22}^{8}\ \Phi_{18}^{10}\ \Phi_{11}^{9}\ \Phi_{9}^{11}\ \Phi_{6}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
129410	1717	198	$\frac{2}{99}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{97}{198}$	$\Phi_{198}^{6}\ \Phi_{99}^{11}\ \Phi_{66}^{6}\ \Phi_{33}^{11}\ \Phi_{22}^{8}\ \Phi_{18}^{6}\ \Phi_{11}^{12}\ \Phi_{9}^{11}\ \Phi_{6}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{8}\ \Phi_{1}^{13}$
129411	1717	1968	$\frac{5}{246}$	$\frac{251}{1968}$	$\frac{1}{6}$	$\frac{241}{492}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{328}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}\ \Phi_{48}\ \Phi_{41}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
129412	1717	3360	$\frac{37}{1680}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1643}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
129413	1717	3360	$\frac{37}{1680}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1643}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
129414	1717	3360	$\frac{37}{1680}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1643}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{42}\ \Phi_{32}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
129415	1717	3344	$\frac{1}{44}$	$\frac{45}{1672}$	$\frac{1627}{3344}$	$\frac{43}{88}$	$\Phi_{3344}\ \Phi_{304}\ \Phi_{176}\ \Phi_{88}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
129416	1717	1224	$\frac{1}{34}$	$\frac{1}{18}$	$\frac{35}{136}$	$\frac{33}{68}$	$\Phi_{1224}^2\ \Phi_{408}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{136}\ \Phi_{102}^2\ \Phi_{72}^2\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
129417	1717	3312	$\frac{61}{1656}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1595}{3312}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
129418	1717	3276	$\frac{1}{39}$	$\frac{79}{1638}$	$\frac{38}{117}$	$\frac{1559}{3276}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}\ \Phi_{156}\ \Phi_{117}\ \Phi_{84}\ \Phi_{52}\ \Phi_{36}\ \Phi_{28}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
129419	1717	3276	$\frac{79}{1638}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1559}{3276}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{52}\ \Phi_{36}\ \Phi_{28}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
129420	1717	1976	$\frac{12}{247}$	$\frac{1}{13}$	$\frac{259}{1976}$	$\frac{235}{494}$	$\Phi_{1976}\ \Phi_{988}\ \Phi_{247}\ \Phi_{152}\ \Phi_{104}\ \Phi_{76}\ \Phi_{52}\ \Phi_{19}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
129421	1717	576	$\frac{5}{96}$	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{91}{192}$	$\Phi_{576}^6\ \Phi_{192}^5\ \Phi_{64}^5\ \Phi_{18}^5\ \Phi_{9}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
129422	1717	192	$\frac{5}{96}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{91}{192}$	$\Phi_{192}^{17}\ \Phi_{96}\ \Phi_{64}^{17}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
129423	1717	1920	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{203}{1920}$	$\frac{181}{384}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
129424	1717	3240	$\frac{97}{1620}$	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1523}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
129425	1717	2400	$\frac{1}{50}$	$\frac{1}{16}$	$\frac{49}{150}$	$\frac{15}{32}$	$\Phi_{2400}^2\ \Phi_{480}^2\ \Phi_{150}\ \Phi_{96}^2\ \Phi_{75}\ \Phi_{32}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
129426	1717	416	$\frac{3}{104}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{416}^8\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}^5\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
129427	1717	3360	$\frac{4}{105}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{105}\ \Phi_{96}\ \Phi_{35}\ \Phi_{32}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
129428	1717	4000	$\frac{1}{25}$	$\frac{1}{16}$	$\frac{24}{125}$	$\frac{15}{32}$	$\Phi_{4000}\ \Phi_{125}\ \Phi_{32}\ \Phi_{1}$
129429	1717	480	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{19}{120}$	$\frac{15}{32}$	$\Phi_{480}^8\ \Phi_{160}^4\ \Phi_{120}\ \Phi_{96}^8\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}^5\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
129430	1717	1760	$\frac{1}{16}$	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{15}{32}$	$\Phi_{1760}^2\ \Phi_{352}^2\ \Phi_{110}\ \Phi_{55}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
129431	1717	2340	$\frac{1}{39}$	$\frac{38}{585}$	$\frac{623}{2340}$	$\frac{547}{1170}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{585}\ \Phi_{468}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{156}\ \Phi_{117}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
129432	1717	1760	$\frac{43}{1760}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{32}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
129433	1717	3168	$\frac{1}{66}$	$\frac{133}{1584}$	$\frac{65}{198}$	$\frac{1451}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{198}\ \Phi_{99}\ \Phi_{96}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
129434	1717	3168	$\frac{1}{44}$	$\frac{133}{1584}$	$\frac{43}{176}$	$\frac{1451}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{176}\ \Phi_{96}\ \Phi_{88}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
129435	1717	3168	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{133}{1584}$	$\frac{1451}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
129436	1717	3120	$\frac{1}{39}$	$\frac{157}{1560}$	$\frac{38}{195}$	$\frac{1403}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{195}\ \Phi_{80}\ \Phi_{65}\ \Phi_{48}\ \Phi_{16}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
129437	1717	2106	$\frac{1}{39}$	$\frac{38}{351}$	$\frac{389}{2106}$	$\frac{313}{702}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{351}\ \Phi_{162}\ \Phi_{117}\ \Phi_{81}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
129438	1717	3096	$\frac{3}{172}$	$\frac{169}{1548}$	$\frac{1}{4}$	$\frac{1379}{3096}$	$\Phi_{3096}\ \Phi_{1032}\ \Phi_{344}\ \Phi_{172}\ \Phi_{86}\ \Phi_{72}\ \Phi_{43}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
129439	1717	2376	$\frac{1}{66}$	$\frac{65}{594}$	$\frac{659}{2376}$	$\frac{529}{1188}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{594}\ \Phi_{297}\ \Phi_{264}\ \Phi_{216}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
129440	1717	3080	$\frac{1}{44}$	$\frac{177}{1540}$	$\frac{43}{220}$	$\frac{1363}{3080}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}\ \Phi_{56}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
129441	1717	3072	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{181}{1536}$	$\frac{1355}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
129442	1717	1764	$\frac{47}{1764}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{63}\ \Phi_{49}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
129443	1717	2112	$\frac{1}{44}$	$\frac{43}{352}$	$\frac{395}{2112}$	$\frac{309}{704}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{192}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
129444	1717	1820	$\frac{103}{1820}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{79}{182}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{140}\ \Phi_{130}\ \Phi_{91}\ \Phi_{70}\ \Phi_{65}\ \Phi_{52}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
129445	1717	510	$\frac{1}{102}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{510}^{3}\ \Phi_{255}^{3}\ \Phi_{170}^{3}\ \Phi_{102}^{5}\ \Phi_{85}^{3}\ \Phi_{51}^{5}\ \Phi_{34}^{5}\ \Phi_{30}^{2}\ \Phi_{17}^{5}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
129446	1717	3024	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{205}{1512}$	$\frac{1307}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{216}\ \Phi_{144}\ \Phi_{112}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
129447	1717	2964	$\frac{12}{247}$	$\frac{1}{13}$	$\frac{235}{1482}$	$\frac{1247}{2964}$	$\Phi_{2964}\ \Phi_{988}\ \Phi_{247}\ \Phi_{228}\ \Phi_{156}\ \Phi_{76}\ \Phi_{52}\ \Phi_{19}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
129448	1717	2952	$\frac{5}{246}$	$\frac{241}{1476}$	$\frac{1}{6}$	$\frac{1235}{2952}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{328}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}\ \Phi_{72}\ \Phi_{41}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
129449	1717	408	$\frac{1}{102}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{408}^{6}\ \Phi_{136}^{6}\ \Phi_{102}^{5}\ \Phi_{51}^{5}\ \Phi_{34}^{5}\ \Phi_{24}^{5}\ \Phi_{17}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
129450	1717	108	$\frac{1}{18}$	$\frac{7}{108}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{108}^{17}\ \Phi_{54}^{17}\ \Phi_{36}^{11}\ \Phi_{27}^{17}\ \Phi_{18}^{16}\ \Phi_{12}^{12}\ \Phi_{9}^{16}\ \Phi_{6}^{16}\ \Phi_{4}^{12}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
129451	1717	1530	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{69}{170}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}^{2}\ \Phi_{255}\ \Phi_{153}^{2}\ \Phi_{102}^{2}\ \Phi_{90}\ \Phi_{85}\ \Phi_{51}^{2}\ \Phi_{45}\ \Phi_{34}\ \Phi_{30}\ \Phi_{18}\ \Phi_{17}\ \Phi_{15}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
129452	1717	2880	$\frac{11}{288}$	$\frac{1}{12}$	$\frac{277}{1440}$	$\frac{1163}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
129453	1717	1950	$\frac{1}{39}$	$\frac{233}{1950}$	$\frac{38}{195}$	$\frac{157}{390}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{325}\ \Phi_{195}\ \Phi_{150}\ \Phi_{75}\ \Phi_{65}\ \Phi_{50}\ \Phi_{25}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
129454	1717	2816	$\frac{1}{44}$	$\frac{43}{352}$	$\frac{309}{1408}$	$\frac{1099}{2816}$	$\Phi_{2816}\ \Phi_{352}\ \Phi_{256}\ \Phi_{176}\ \Phi_{88}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
129455	1717	1728	$\frac{11}{1728}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
129456	1717	2808	$\frac{1}{156}$	$\frac{313}{1404}$	$\frac{155}{468}$	$\frac{1091}{2808}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{216}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
129457	1717	2808	$\frac{1}{39}$	$\frac{38}{351}$	$\frac{313}{1404}$	$\frac{1091}{2808}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{351}\ \Phi_{312}\ \Phi_{216}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
129458	1717	2752	$\frac{3}{344}$	$\frac{341}{1376}$	$\frac{1}{4}$	$\frac{1035}{2752}$	$\Phi_{2752}\ \Phi_{344}\ \Phi_{172}\ \Phi_{86}\ \Phi_{64}\ \Phi_{43}\ \Phi_{8}\ \Phi_{1}$
129459	1717	2496	$\frac{1}{156}$	$\frac{155}{624}$	$\frac{779}{2496}$	$\frac{469}{1248}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{192}\ \Phi_{104}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
129460	1717	2568	$\frac{5}{856}$	$\frac{1}{4}$	$\frac{851}{2568}$	$\frac{3}{8}$	$\Phi_{2568}\ \Phi_{1284}\ \Phi_{642}\ \Phi_{321}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
129461	1717	1728	$\frac{11}{1728}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1728}\ \Phi_{864}\ \Phi_{576}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{192}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
129462	1717	2640	$\frac{1}{44}$	$\frac{43}{440}$	$\frac{397}{1320}$	$\frac{923}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{440}\ \Phi_{240}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{48}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
129463	1717	104	$\frac{3}{104}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{104}^{17}\ \Phi_{52}^{17}\ \Phi_{26}^{14}\ \Phi_{13}^{16}\ \Phi_{8}^{17}\ \Phi_{4}^{17}\ \Phi_{2}^{14}\ \Phi_{1}^{17}$
129464	1717	1872	$\frac{1}{39}$	$\frac{155}{1872}$	$\frac{38}{117}$	$\frac{79}{234}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
129465	1717	2592	$\frac{11}{432}$	$\frac{1}{12}$	$\frac{421}{1296}$	$\frac{875}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
129466	1717	1980	$\frac{1}{66}$	$\frac{263}{1980}$	$\frac{65}{198}$	$\frac{133}{396}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
129467	1717	2565	$\frac{7}{855}$	$\frac{2}{9}$	$\frac{848}{2565}$	$\frac{1}{3}$	$\Phi_{2565}\ \Phi_{513}\ \Phi_{135}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
129468	1717	396	$\frac{1}{18}$	$\frac{2}{33}$	$\frac{31}{132}$	$\frac{1}{3}$	$\Phi_{396}^{6}\ \Phi_{198}^{3}\ \Phi_{132}^{5}\ \Phi_{99}^{3}\ \Phi_{66}^{2}\ \Phi_{44}^{5}\ \Phi_{36}^{6}\ \Phi_{33}^{3}\ \Phi_{22}^{2}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{11}^{3}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
129469	1717	2052	$\frac{7}{342}$	$\frac{335}{2052}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{513}\ \Phi_{228}\ \Phi_{108}\ \Phi_{76}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
129470	1717	1755	$\frac{38}{1755}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}\ \Phi_{117}\ \Phi_{65}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
129471	1717	1881	$\frac{7}{171}$	$\frac{164}{1881}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{209}\ \Phi_{99}\ \Phi_{33}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
129472	1717	1800	$\frac{83}{1800}$	$\frac{7}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
129473	1717	108	$\frac{1}{18}$	$\frac{7}{108}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{108}^{17}\ \Phi_{54}^{17}\ \Phi_{36}^{17}\ \Phi_{27}^{17}\ \Phi_{18}^{10}\ \Phi_{12}^{17}\ \Phi_{9}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{17}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
129474	1717	2376	$\frac{1}{66}$	$\frac{133}{792}$	$\frac{659}{2376}$	$\frac{65}{198}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{198}\ \Phi_{108}\ \Phi_{99}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
129475	1717	2064	$\frac{3}{172}$	$\frac{347}{2064}$	$\frac{1}{4}$	$\frac{169}{516}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{688}\ \Phi_{344}\ \Phi_{172}\ \Phi_{86}\ \Phi_{48}\ \Phi_{43}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
129476	1717	600	$\frac{1}{50}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{49}{150}$	$\Phi_{600}^2\ \Phi_{300}^2\ \Phi_{200}^4\ \Phi_{150}^3\ \Phi_{120}^2\ \Phi_{100}^4\ \Phi_{75}^3\ \Phi_{60}^2\ \Phi_{50}^4\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{25}^4\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
129477	1717	300	$\frac{1}{50}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{49}{150}$	$\Phi_{300}^8\ \Phi_{150}^9\ \Phi_{75}^9\ \Phi_{60}^8\ \Phi_{30}^9\ \Phi_{20}\ \Phi_{15}^9\ \Phi_{12}^8\ \Phi_{10}\ \Phi_6^9\ \Phi_5\ \Phi_3^9\ \Phi_1$
129478	1717	2214	$\frac{5}{246}$	$\frac{1}{6}$	$\frac{497}{2214}$	$\frac{241}{738}$	$\Phi_{2214}\ \Phi_{1107}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}\ \Phi_{54}\ \Phi_{41}\ \Phi_{27}\ \Phi_1$
129479	1717	2457	$\frac{1}{39}$	$\frac{79}{819}$	$\frac{740}{2457}$	$\frac{38}{117}$	$\Phi_{2457}\ \Phi_{351}\ \Phi_{189}\ \Phi_{117}\ \Phi_{27}\ \Phi_9\ \Phi_1$
129480	1717	2520	$\frac{37}{840}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{803}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{63}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
129481	1717	2520	$\frac{37}{840}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{803}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
129482	1717	2223	$\frac{12}{247}$	$\frac{1}{13}$	$\frac{506}{2223}$	$\frac{235}{741}$	$\Phi_{2223}\ \Phi_{247}\ \Phi_{171}\ \Phi_{117}\ \Phi_{19}\ \Phi_9\ \Phi_1$
129483	1717	1800	$\frac{83}{1800}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
129484	1717	2457	$\frac{1}{13}$	$\frac{79}{819}$	$\frac{12}{91}$	$\frac{740}{2457}$	$\Phi_{2457}\ \Phi_{351}\ \Phi_{189}\ \Phi_{91}\ \Phi_{27}\ \Phi_7\ \Phi_1$
129485	1717	1944	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{227}{1944}$	$\frac{97}{324}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
129486	1717	144	$\frac{1}{18}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{144}$	$\Phi_{144}^{11}\ \Phi_{72}^{11}\ \Phi_{48}^{12}\ \Phi_{36}^{11}\ \Phi_{24}^{12}\ \Phi_{18}^{16}\ \Phi_{16}^{12}\ \Phi_{12}^{12}\ \Phi_9^{16}\ \Phi_8^{12}\ \Phi_6^{16}\ \Phi_4^{12}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
129487	1717	312	$\frac{3}{104}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{312}^8\ \Phi_{156}^8\ \Phi_{104}\ \Phi_{78}^8\ \Phi_{52}\ \Phi_{39}^8\ \Phi_{26}\ \Phi_{24}^5\ \Phi_{13}\ \Phi_{12}^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
129488	1717	840	$\frac{4}{105}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{105}^3\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^3\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^3\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
129489	1717	3000	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{24}{125}$	$\frac{7}{24}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{375}\ \Phi_{125}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
129490	1717	120	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{19}{120}$	$\frac{7}{24}$	$\Phi_{120}^{13}\ \Phi_{60}^{13}\ \Phi_{40}^{17}\ \Phi_{30}^{13}\ \Phi_{24}^{14}\ \Phi_{20}^{16}\ \Phi_{15}^{13}\ \Phi_{12}^{14}\ \Phi_{10}^{16}\ \Phi_8^{17}\ \Phi_6^{14}\ \Phi_5^{16}\ \Phi_4^{16}\ \Phi_3^{14}\ \Phi_2^{16}\ \Phi_1^{17}$
129491	1717	1320	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{330}^2\ \Phi_{264}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
129492	1717	1911	$\frac{1}{13}$	$\frac{194}{1911}$	$\frac{12}{91}$	$\frac{79}{273}$	$\Phi_{1911}\ \Phi_{637}\ \Phi_{147}\ \Phi_{91}\ \Phi_{49}\ \Phi_7\ \Phi_1$
129493	1717	2340	$\frac{1}{39}$	$\frac{38}{195}$	$\frac{157}{780}$	$\frac{623}{2340}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{234}\ \Phi_{195}\ \Phi_{180}\ \Phi_{117}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
129494	1717	2304	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{181}{768}$	$\frac{587}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
129495	1717	2112	$\frac{1}{44}$	$\frac{395}{2112}$	$\frac{43}{176}$	$\frac{133}{528}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{176}\ \Phi_{96}\ \Phi_{88}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
129496	1717	520	$\frac{3}{104}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{520}^4\ \Phi_{260}^4\ \Phi_{130}^4\ \Phi_{104}\ \Phi_{65}^4\ \Phi_{52}\ \Phi_{40}^4\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
129497	1717	2240	$\frac{37}{560}$	$\frac{3}{40}$	$\frac{523}{2240}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
129498	1717	420	$\frac{4}{105}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^5\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^5\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^5\ \Phi_{20}\ \Phi_{15}^5\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}\ \Phi_7^5\ \Phi_6^4\ \Phi_5\ \Phi_3^5\ \Phi_1$
129499	1717	500	$\frac{1}{25}$	$\frac{3}{20}$	$\frac{24}{125}$	$\frac{1}{4}$	$\Phi_{500}^4\ \Phi_{250}^4\ \Phi_{125}^5\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
129500	1717	1800	$\frac{83}{1800}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
129501	1717	120	$\frac{1}{20}$	$\frac{3}{20}$	$\frac{19}{120}$	$\frac{1}{4}$	$\Phi_{120}^{17}\ \Phi_{60}^{17}\ \Phi_{40}^{17}\ \Phi_{30}^{17}\ \Phi_{24}^{17}\ \Phi_{20}\ \Phi_{15}^{17}\ \Phi_{12}^{17}\ \Phi_{10}\ \Phi_8^{17}\ \Phi_6^{17}\ \Phi_5\ \Phi_3^{17}\ \Phi_1$
129502	1717	1920	$\frac{3}{40}$	$\frac{203}{1920}$	$\frac{37}{240}$	$\frac{1}{4}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
129503	1717	220	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{220}^8\ \Phi_{110}^9\ \Phi_{55}^9\ \Phi_{44}^8\ \Phi_{22}^9\ \Phi_{20}\ \Phi_{11}^9\ \Phi_{10}\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
129504	1717	1960	$\frac{3}{40}$	$\frac{243}{1960}$	$\frac{37}{280}$	$\frac{1}{4}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{245}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
129505	1717	132	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{31}{132}$	$\Phi_{132}^{17}\ \Phi_{66}^{6}\ \Phi_{44}^{17}\ \Phi_{33}^{11}\ \Phi_{22}^{8}\ \Phi_{12}^{17}\ \Phi_{11}^{12}\ \Phi_{6}^{6}\ \Phi_{4}^{17}\ \Phi_{3}^{11}\ \Phi_{2}^{8}\ \Phi_{1}^{13}$
129506	1717	1920	$\frac{1}{12}$	$\frac{203}{1920}$	$\frac{37}{240}$	$\frac{11}{48}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
129507	1717	2016	$\frac{1}{12}$	$\frac{37}{336}$	$\frac{299}{2016}$	$\frac{11}{48}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
129508	1717	110	$\frac{9}{110}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{22}$	$\Phi_{110}^{17}\ \Phi_{55}^{17}\ \Phi_{22}^{8}\ \Phi_{11}^{12}\ \Phi_{10}^{17}\ \Phi_{5}^{17}\ \Phi_{2}^{8}\ \Phi_{1}^{13}$
129509	1717	1848	$\frac{131}{1848}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{168}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_1$
129510	1717	2184	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{79}{546}$	$\frac{467}{2184}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{364}\ \Phi_{312}\ \Phi_{168}\ \Phi_{156}\ \Phi_{104}\ \Phi_{91}\ \Phi_{84}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
129511	1717	360	$\frac{1}{18}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{5}\ \Phi_{90}^{6}\ \Phi_{60}^{5}\ \Phi_{45}^{6}\ \Phi_{40}^{5}\ \Phi_{30}^{5}\ \Phi_{20}^{5}\ \Phi_{18}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
129512	1717	2160	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{540}$	$\frac{443}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
129513	1717	2100	$\frac{37}{420}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{383}{2100}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{42}\ \Phi_{25}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
129514	1717	1890	$\frac{173}{1890}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{210}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{54}\ \Phi_{45}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
129515	1717	2016	$\frac{37}{336}$	$\frac{5}{42}$	$\frac{299}{2016}$	$\frac{1}{6}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
129516	1718	5136	$\frac{3}{856}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{853}{1712}$	$\Phi_{5136}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
129517	1718	1710	$\frac{4}{855}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{851}{1710}$	$\Phi_{1710}^{2}\ \Phi_{570}^{2}\ \Phi_{342}^{2}\ \Phi_{190}^{2}\ \Phi_{114}^{2}\ \Phi_{90}^{2}\ \Phi_{38}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
129518	1718	1032	$\frac{1}{172}$	$\frac{173}{1032}$	$\frac{1}{3}$	$\frac{171}{344}$	$\Phi_{1032}\ \Phi_{516}^{2}\ \Phi_{344}^{2}\ \Phi_{258}^{2}\ \Phi_{172}^{2}\ \Phi_{129}^{2}\ \Phi_{86}^{2}\ \Phi_{43}^{2}\ \Phi_{24}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_3\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
129519	1718	1616	$\frac{1}{101}$	$\frac{51}{808}$	$\frac{757}{1616}$	$\frac{50}{101}$	$\Phi_{1616}^{2}\ \Phi_{101}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
129520	1718	1212	$\frac{1}{101}$	$\frac{51}{404}$	$\frac{353}{1212}$	$\frac{50}{101}$	$\Phi_{1212}^{2}\ \Phi_{606}^{2}\ \Phi_{303}^{2}\ \Phi_{101}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
129521	1718	1010	$\frac{1}{101}$	$\frac{151}{1010}$	$\frac{51}{202}$	$\frac{50}{101}$	$\Phi_{1010}^{2}\ \Phi_{505}^{2}\ \Phi_{101}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
129522	1718	1700	$\frac{9}{850}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{841}{1700}$	$\Phi_{1700}^{2}\ \Phi_{340}^{2}\ \Phi_{100}^{2}\ \Phi_{68}^{2}\ \Phi_{20}^{2}\ \Phi_{17}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
129523	1718	5100	$\frac{9}{850}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{841}{1700}$	$\Phi_{5100}\ \Phi_{1020}\ \Phi_{300}\ \Phi_{204}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
129524	1718	1683	$\frac{35}{1683}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{824}{1683}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}\ \Phi_{99}\ \Phi_{51}^{2}\ \Phi_{33}\ \Phi_{17}\ \Phi_{11}\ \Phi_9\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
129525	1718	1680	$\frac{19}{840}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{821}{1680}$	$\Phi_{1680}^{2}\ \Phi_{560}^{2}\ \Phi_{336}^{2}\ \Phi_{240}^{2}\ \Phi_{112}^{2}\ \Phi_{80}^{2}\ \Phi_{60}\ \Phi_{48}^{2}\ \Phi_{30}\ \Phi_{16}^{2}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
129526	1718	1156	$\frac{8}{289}$	$\frac{1}{17}$	$\frac{297}{1156}$	$\frac{281}{578}$	$\Phi_{1156}^{2}\ \Phi_{289}^{2}\ \Phi_{68}^{2}\ \Phi_{17}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
129527	1718	2640	$\frac{21}{880}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{165}\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}\ \Phi_{48}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
129528	1718	4902	$\frac{1}{43}$	$\frac{42}{817}$	$\frac{1}{3}$	$\frac{775}{1634}$	$\Phi_{4902}\ \Phi_{258}\ \Phi_{129}\ \Phi_{114}\ \Phi_6$
129529	1718	1632	$\frac{43}{816}$	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{773}{1632}$	$\Phi_{1632}^{2}\ \Phi_{544}^{2}\ \Phi_{96}^{2}\ \Phi_{51}^{2}\ \Phi_{32}^{2}\ \Phi_{17}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
129530	1718	1275	$\frac{9}{425}$	$\frac{1}{17}$	$\frac{416}{1275}$	$\frac{8}{17}$	$\Phi_{1275}^{2}\ \Phi_{255}^{2}\ \Phi_{75}^{2}\ \Phi_{51}^{2}\ \Phi_{17}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
129531	1718	884	$\frac{25}{884}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{884}^{2}\ \Phi_{442}^{2}\ \Phi_{221}^{2}\ \Phi_{68}^{2}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{17}\ \Phi_{13}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
129532	1718	1020	$\frac{9}{170}$	$\frac{1}{17}$	$\frac{161}{1020}$	$\frac{8}{17}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{340}^{2}\ \Phi_{255}^{2}\ \Phi_{204}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{60}^{2}\ \Phi_{51}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{17}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
129533	1718	935	$\frac{1}{17}$	$\frac{76}{935}$	$\frac{9}{85}$	$\frac{8}{17}$	$\Phi_{935}^{2}\ \Phi_{187}^{2}\ \Phi_{55}^{2}\ \Phi_{17}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
129534	1718	1548	$\frac{1}{86}$	$\frac{85}{774}$	$\frac{1}{3}$	$\frac{689}{1548}$	$\Phi_{1548}^{2}\ \Phi_{516}^{2}\ \Phi_{258}\ \Phi_{172}^{2}\ \Phi_{129}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_6\ \Phi_{4}^{2}$
129535	1718	1515	$\frac{1}{101}$	$\frac{203}{1515}$	$\frac{100}{303}$	$\frac{656}{1515}$	$\Phi_{1515}\ \Phi_{505}\ \Phi_{303}^{2}\ \Phi_{101}\ \Phi_{15}\ \Phi_5\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
129536	1718	918	$\frac{1}{17}$	$\frac{59}{918}$	$\frac{8}{51}$	$\frac{43}{102}$	$\Phi_{918}^{2}\ \Phi_{459}^{2}\ \Phi_{306}^{2}\ \Phi_{153}^{2}\ \Phi_{54}^{2}\ \Phi_{51}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{17}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
129537	1718	1212	$\frac{1}{101}$	$\frac{50}{303}$	$\frac{353}{1212}$	$\frac{253}{606}$	$\Phi_{1212}^2\ \Phi_{404}^2\ \Phi_{303}^2\ \Phi_{101}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
129538	1718	1445	$\frac{16}{289}$	$\frac{1}{17}$	$\frac{273}{1445}$	$\frac{586}{1445}$	$\Phi_{1445}\ \Phi_{289}^2\ \Phi_{85}\ \Phi_{17}\ \Phi_5\ \Phi_1^2$
129539	1718	4128	$\frac{1}{172}$	$\frac{171}{688}$	$\frac{1}{3}$	$\frac{517}{1376}$	$\Phi_{4128}\ \Phi_{516}\ \Phi_{258}\ \Phi_{129}\ \Phi_{96}\ \Phi_{12}\ \Phi_6$
129540	1718	864	$\frac{5}{864}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
129541	1718	1290	$\frac{1}{215}$	$\frac{214}{645}$	$\frac{1}{3}$	$\frac{431}{1290}$	$\Phi_{1290}^2\ \Phi_{645}\ \Phi_{430}^2\ \Phi_{258}^2\ \Phi_{129}\ \Phi_{86}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
129542	1718	1284	$\frac{3}{428}$	$\frac{1}{4}$	$\frac{425}{1284}$	$\frac{1}{3}$	$\Phi_{1284}\ \Phi_{642}\ \Phi_{428}^2\ \Phi_{321}\ \Phi_{214}^2\ \Phi_{107}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
129543	1718	1032	$\frac{1}{86}$	$\frac{173}{1032}$	$\frac{85}{258}$	$\frac{1}{3}$	$\Phi_{1032}^2\ \Phi_{516}^2\ \Phi_{344}^2\ \Phi_{258}\ \Phi_{172}^2\ \Phi_{129}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2$
129544	1718	1260	$\frac{19}{420}$	$\frac{1}{20}$	$\frac{401}{1260}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{63}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
129545	1718	900	$\frac{41}{900}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
129546	1718	870	$\frac{11}{870}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{870}^2\ \Phi_{435}^2\ \Phi_{290}^2\ \Phi_{174}^2\ \Phi_{145}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{30}^2\ \Phi_{29}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
129547	1718	1140	$\frac{4}{285}$	$\frac{1}{5}$	$\frac{281}{1140}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{228}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{60}^2\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
129548	1718	3360	$\frac{1}{20}$	$\frac{19}{280}$	$\frac{261}{1120}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{672}\ \Phi_{480}\ \Phi_{336}\ \Phi_{240}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
129549	1718	2850	$\frac{4}{95}$	$\frac{91}{950}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2850}\ \Phi_{1425}\ \Phi_{570}\ \Phi_{150}\ \Phi_{114}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
129550	1718	900	$\frac{41}{900}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
129551	1718	900	$\frac{41}{900}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
129552	1718	960	$\frac{1}{20}$	$\frac{101}{960}$	$\frac{19}{120}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
129553	1718	1020	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{161}{1020}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{204}^2\ \Phi_{170}^2\ \Phi_{102}\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
129554	1718	2940	$\frac{1}{20}$	$\frac{121}{980}$	$\frac{19}{140}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{735}\ \Phi_{588}\ \Phi_{294}\ \Phi_{147}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
129555	1718	1122	$\frac{1}{17}$	$\frac{35}{561}$	$\frac{263}{1122}$	$\frac{16}{51}$	$\Phi_{1122}^2\ \Phi_{561}\ \Phi_{374}^2\ \Phi_{187}\ \Phi_{102}^2\ \Phi_{66}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{17}\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
129556	1718	918	$\frac{1}{17}$	$\frac{59}{918}$	$\frac{35}{153}$	$\frac{16}{51}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{306}^2\ \Phi_{153}\ \Phi_{102}^2\ \Phi_{54}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_9\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
129557	1718	1224	$\frac{1}{17}$	$\frac{43}{408}$	$\frac{8}{51}$	$\frac{365}{1224}$	$\Phi_{1224}^2\ \Phi_{612}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{72}^2\ \Phi_{51}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
129558	1718	1020	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{161}{1020}$	$\frac{43}{204}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{60}^2\ \Phi_{51}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
129559	1719	1520	$\frac{1}{190}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{189}{380}$	$\Phi_{1520}^2\ \Phi_{380}\ \Phi_{304}^2\ \Phi_{80}^2\ \Phi_{76}\ \Phi_{20}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
129560	1719	380	$\frac{1}{190}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{189}{380}$	$\Phi_{380}^5\ \Phi_{190}^4\ \Phi_{95}^4\ \Phi_{76}^5\ \Phi_{38}^4\ \Phi_{20}^5\ \Phi_{19}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
129561	1719	1890	$\frac{2}{189}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{187}{378}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
129562	1719	756	$\frac{2}{189}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{187}{378}$	$\Phi_{756}^3\ \Phi_{252}^3\ \Phi_{189}^3\ \Phi_{108}^3\ \Phi_{84}^3\ \Phi_{63}^3\ \Phi_{36}^3\ \Phi_{28}^4\ \Phi_{27}^3\ \Phi_{21}^3\ \Phi_{14}\ \Phi_{12}^3\ \Phi_9^3\ \Phi_7^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
129563	1719	656	$\frac{1}{82}$	$\frac{83}{656}$	$\frac{1}{4}$	$\frac{81}{164}$	$\Phi_{656}^3\ \Phi_{328}^3\ \Phi_{164}^2\ \Phi_{82}\ \Phi_{41}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
129564	1719	1280	$\frac{1}{64}$	$\frac{1}{10}$	$\frac{65}{256}$	$\frac{63}{128}$	$\Phi_{1280}^2\ \Phi_{320}^2\ \Phi_{256}\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{64}\ \Phi_{40}^2\ \Phi_{32}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
129565	1719	1880	$\frac{3}{188}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{185}{376}$	$\Phi_{1880}^2\ \Phi_{376}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
129566	1719	1120	$\frac{13}{560}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{547}{1120}$	$\Phi_{1120}^3\ \Phi_{224}^3\ \Phi_{160}^3\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
129567	1719	1860	$\frac{5}{186}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{181}{372}$	$\Phi_{1860}^2\ \Phi_{620}^2\ \Phi_{372}\ \Phi_{124}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
129568	1719	1840	$\frac{7}{184}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{177}{368}$	$\Phi_{1840}^2\ \Phi_{368}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
129569	1719	360	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{169}{360}$	$\Phi_{360}^9\ \Phi_{120}^9\ \Phi_{72}^9\ \Phi_{60}^2\ \Phi_{40}^9\ \Phi_{30}^2\ \Phi_{24}^9\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8^9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
129570	1719	196	$\frac{5}{196}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{196}^9\ \Phi_{98}^9\ \Phi_{49}^9\ \Phi_{28}^8\ \Phi_{14}^7\ \Phi_7^7\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
129571	1719	2132	$\frac{1}{41}$	$\frac{40}{533}$	$\frac{1}{4}$	$\frac{493}{1066}$	$\Phi_{2132}\ \Phi_{533}\ \Phi_{164}^2\ \Phi_{82}\ \Phi_{52}\ \Phi_{41}\ \Phi_{13}\ \Phi_4\ \Phi_1$
129572	1719	1760	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{1}{10}$	$\frac{161}{352}$	$\Phi_{1760}^2\ \Phi_{352}\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{32}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
129573	1719	4560	$\frac{1}{95}$	$\frac{1}{8}$	$\frac{94}{285}$	$\frac{7}{16}$	$\Phi_{4560}\ \Phi_{912}\ \Phi_{285}\ \Phi_{240}\ \Phi_{57}\ \Phi_{48}\ \Phi_{16}\ \Phi_{15}\ \Phi_3\ \Phi_1$
129574	1719	3120	$\frac{4}{195}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{195}\ \Phi_{65}\ \Phi_{48}\ \Phi_{39}\ \Phi_{16}\ \Phi_{15}\ \Phi_{13}\ \Phi_3\ \Phi_1$
129575	1719	912	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{37}{228}$	$\frac{7}{16}$	$\Phi_{912}^4\ \Phi_{304}^2\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}^4\ \Phi_{16}^3\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
129576	1719	400	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{400}^8\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}^6\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}^7\ \Phi_8\ \Phi_4\ \Phi_1$
129577	1719	3344	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3344}\ \Phi_{209}\ \Phi_{176}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
129578	1719	1680	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{23}{168}$	$\frac{145}{336}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}\ \Phi_{240}^2\ \Phi_{120}^2\ \Phi_{112}\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
129579	1719	328	$\frac{1}{82}$	$\frac{27}{164}$	$\frac{1}{4}$	$\frac{137}{328}$	$\Phi_{328}^9\ \Phi_{164}^2\ \Phi_{82}\ \Phi_{41}\ \Phi_8^9\ \Phi_4\ \Phi_1$
129580	1719	320	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{31}{160}$	$\frac{129}{320}$	$\Phi_{320}^9\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{64}^9\ \Phi_{40}^2\ \Phi_{32}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
129581	1719	1440	$\frac{1}{48}$	$\frac{1}{10}$	$\frac{47}{144}$	$\frac{97}{288}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
129582	1719	859	$\frac{4}{859}$	$\frac{285}{859}$	$\frac{286}{859}$	$\frac{287}{859}$	$\Phi_{859}^2\ \Phi_1^3$
129583	1719	1260	$\frac{2}{63}$	$\frac{1}{10}$	$\frac{61}{252}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
129584	1719	990	$\frac{7}{198}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{55}^2\ \Phi_{45}\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{22}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
129585	1719	1080	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{25}{216}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}^2\ \Phi_{135}\ \Phi_{120}^2\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
129586	1719	210	$\frac{19}{210}$	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{1}{3}$	$\Phi_{210}^8\ \Phi_{105}^8\ \Phi_{70}^8\ \Phi_{42}^8\ \Phi_{35}^8\ \Phi_{30}^9\ \Phi_{21}^9\ \Phi_{15}^9\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_7^9\ \Phi_6^9\ \Phi_5^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
129587	1719	1140	$\frac{1}{95}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{94}{285}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{285}^3\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{60}^2\ \Phi_{57}^3\ \Phi_{30}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
129588	1719	492	$\frac{1}{82}$	$\frac{55}{246}$	$\frac{1}{4}$	$\frac{27}{82}$	$\Phi_{492}^6\ \Phi_{246}^3\ \Phi_{164}^2\ \Phi_{123}^3\ \Phi_{82}\ \Phi_{41}\ \Phi_{12}^6\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
129589	1719	280	$\frac{13}{280}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{89}{280}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{56}^6\ \Phi_{40}^6\ \Phi_{35}^6\ \Phi_{28}^8\ \Phi_{20}^6\ \Phi_{14}^7\ \Phi_{10}^6\ \Phi_8^6\ \Phi_7^7\ \Phi_5^6\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
129590	1719	1080	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{25}{216}$	$\frac{11}{36}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{54}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
129591	1719	196	$\frac{5}{196}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{196}^9\ \Phi_{98}^9\ \Phi_{49}^9\ \Phi_{28}^7\ \Phi_{14}^7\ \Phi_7^9\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
129592	1719	780	$\frac{4}{195}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^3\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^3\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{15}^3\ \Phi_{13}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
129593	1719	228	$\frac{1}{38}$	$\frac{37}{228}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{228}^9\ \Phi_{114}^9\ \Phi_{76}^5\ \Phi_{57}^9\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{12}^9\ \Phi_6^9\ \Phi_4^7\ \Phi_3^9\ \Phi_2^6\ \Phi_1^7$
129594	1719	200	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{200}^9\ \Phi_{100}^9\ \Phi_{50}^9\ \Phi_{40}^9\ \Phi_{25}^9\ \Phi_{20}^5\ \Phi_{10}^4\ \Phi_8^9\ \Phi_5^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
129595	1719	836	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{836}^2\ \Phi_{418}^2\ \Phi_{209}^3\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
129596	1719	252	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{61}{252}$	$\frac{1}{4}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^6\ \Phi_{63}^9\ \Phi_{42}^6\ \Phi_{36}^6\ \Phi_{28}^7\ \Phi_{21}^9\ \Phi_{18}^6\ \Phi_{14}^7\ \Phi_{12}^6\ \Phi_9^9\ \Phi_7^9\ \Phi_6^6\ \Phi_4^6\ \Phi_3^9\ \Phi_2^6\ \Phi_1^9$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
129597	1719	616	$\frac{43}{616}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{4}$	$\Phi_{616}^{3}\ \Phi_{308}^{3}\ \Phi_{154}^{3}\ \Phi_{88}^{3}\ \Phi_{77}^{3}\ \Phi_{44}^{3}\ \Phi_{28}^{2}\ \Phi_{22}^{3}\ \Phi_{14}\ \Phi_{11}^{3}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
129598	1719	420	$\frac{1}{14}$	$\frac{19}{210}$	$\frac{13}{70}$	$\frac{1}{4}$	$\Phi_{420}^{6}\ \Phi_{210}^{3}\ \Phi_{140}^{4}\ \Phi_{105}^{3}\ \Phi_{84}^{6}\ \Phi_{70}^{2}\ \Phi_{60}^{6}\ \Phi_{42}^{3}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{28}^{6}\ \Phi_{21}^{3}\ \Phi_{20}^{4}\ \Phi_{15}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{6}\ \Phi_{10}^{2}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{5}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
129599	1719	700	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{127}{700}$	$\frac{1}{4}$	$\Phi_{700}^{3}\ \Phi_{350}^{3}\ \Phi_{175}^{3}\ \Phi_{100}^{3}\ \Phi_{50}^{3}\ \Phi_{28}^{2}\ \Phi_{25}^{3}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
129600	1719	224	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{33}{224}$	$\frac{1}{4}$	$\Phi_{224}^{9}\ \Phi_{112}^{6}\ \Phi_{56}^{6}\ \Phi_{32}^{9}\ \Phi_{28}^{8}\ \Phi_{16}^{6}\ \Phi_{14}^{7}\ \Phi_{8}^{6}\ \Phi_{7}^{7}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
129601	1719	420	$\frac{19}{210}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{420}^{6}\ \Phi_{210}^{3}\ \Phi_{140}^{6}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{70}^{3}\ \Phi_{60}^{6}\ \Phi_{35}^{3}\ \Phi_{30}^{3}\ \Phi_{28}^{4}\ \Phi_{21}^{3}\ \Phi_{20}^{6}\ \Phi_{15}^{3}\ \Phi_{14}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
129602	1719	240	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{49}{240}$	$\Phi_{240}^{9}\ \Phi_{120}^{9}\ \Phi_{80}^{9}\ \Phi_{60}^{2}\ \Phi_{48}^{9}\ \Phi_{40}^{9}\ \Phi_{30}^{2}\ \Phi_{24}^{9}\ \Phi_{20}^{2}\ \Phi_{16}^{9}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}^{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
129603	1720	429	$\frac{1}{429}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{214}{429}$	$\Phi_{429}^{4}\ \Phi_{143}^{4}\ \Phi_{39}^{4}\ \Phi_{33}^{4}\ \Phi_{13}^{4}\ \Phi_{11}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
129604	1720	1719	$\frac{5}{1719}$	$\frac{431}{1719}$	$\frac{644}{1719}$	$\frac{857}{1719}$	$\Phi_{1719}\ \Phi_{573}\ \Phi_{191}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
129605	1720	2744	$\frac{1}{343}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{171}{343}$	$\Phi_{2744}\ \Phi_{392}\ \Phi_{343}\ \Phi_{56}\ \Phi_{49}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
129606	1720	861	$\frac{1}{287}$	$\frac{72}{287}$	$\frac{1}{3}$	$\frac{143}{287}$	$\Phi_{861}^{3}\ \Phi_{123}^{3}\ \Phi_{21}^{3}\ \Phi_{3}^{2}$
129607	1720	2996	$\frac{1}{214}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{213}{428}$	$\Phi_{2996}\ \Phi_{428}^{2}\ \Phi_{28}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
129608	1720	6420	$\frac{1}{214}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{213}{428}$	$\Phi_{6420}\ \Phi_{60}\ \Phi_{15}$
129609	1720	382	$\frac{1}{191}$	$\frac{24}{191}$	$\frac{167}{382}$	$\frac{95}{191}$	$\Phi_{382}^{8}\ \Phi_{191}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
129610	1720	573	$\frac{1}{191}$	$\frac{143}{573}$	$\frac{48}{191}$	$\frac{95}{191}$	$\Phi_{573}^{4}\ \Phi_{191}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
129611	1720	171	$\frac{1}{171}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{85}{171}$	$\Phi_{171}^{10}\ \Phi_{57}^{10}\ \Phi_{19}^{10}\ \Phi_{9}^{11}\ \Phi_{3}^{11}\ \Phi_{1}^{12}$
129612	1720	342	$\frac{1}{171}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{85}{171}$	$\Phi_{342}^{6}\ \Phi_{171}^{4}\ \Phi_{114}^{6}\ \Phi_{57}^{4}\ \Phi_{38}^{6}\ \Phi_{19}^{4}\ \Phi_{18}^{6}\ \Phi_{9}^{4}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
129613	1720	1719	$\frac{11}{1719}$	$\frac{173}{1719}$	$\frac{773}{1719}$	$\frac{854}{1719}$	$\Phi_{1719}\ \Phi_{573}\ \Phi_{191}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
129614	1720	1281	$\frac{3}{427}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{212}{427}$	$\Phi_{1281}^{2}\ \Phi_{183}^{2}\ \Phi_{21}^{3}\ \Phi_{3}^{2}$
129615	1720	246	$\frac{1}{123}$	$\frac{31}{246}$	$\frac{1}{3}$	$\frac{61}{123}$	$\Phi_{246}^{8}\ \Phi_{123}^{6}\ \Phi_{82}^{8}\ \Phi_{41}^{6}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
129616	1720	690	$\frac{1}{115}$	$\frac{1}{6}$	$\frac{29}{115}$	$\frac{57}{115}$	$\Phi_{690}^{3}\ \Phi_{345}^{3}\ \Phi_{230}^{3}\ \Phi_{138}^{3}\ \Phi_{69}^{3}\ \Phi_{46}^{3}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
129617	1720	1278	$\frac{2}{213}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{211}{426}$	$\Phi_{1278}^{3}\ \Phi_{426}^{2}\ \Phi_{142}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
129618	1720	1719	$\frac{17}{1719}$	$\frac{257}{1719}$	$\frac{434}{1719}$	$\frac{851}{1719}$	$\Phi_{1719}\ \Phi_{573}\ \Phi_{191}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
129619	1720	861	$\frac{3}{287}$	$\frac{29}{287}$	$\frac{1}{3}$	$\frac{142}{287}$	$\Phi_{861}^{3}\ \Phi_{123}^{3}\ \Phi_{21}^{3}\ \Phi_{3}^{2}$
129620	1720	1701	$\frac{19}{1701}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{841}{1701}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{243}\ \Phi_{189}\ \Phi_{81}\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}^{2}\ \Phi_{9}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
129621	1720	1701	$\frac{19}{1701}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{841}{1701}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{243}\ \Phi_{189}\ \Phi_{81}\ \Phi_{63}\ \Phi_{27}^{2}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
129622	1720	1615	$\frac{1}{85}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{42}{85}$	$\Phi_{1615}\ \Phi_{323}\ \Phi_{95}\ \Phi_{85}^{2}\ \Phi_{19}^{2}\ \Phi_{17}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
129623	1720	2805	$\frac{1}{85}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{42}{85}$	$\Phi_{2805}\ \Phi_{561}\ \Phi_{165}\ \Phi_{33}^{2}$
129624	1720	1615	$\frac{1}{85}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{42}{85}$	$\Phi_{1615}\ \Phi_{323}\ \Phi_{95}\ \Phi_{85}^{2}\ \Phi_{19}^{2}\ \Phi_{17}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
129625	1720	510	$\frac{1}{85}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{42}{85}$	$\Phi_{510}^{4}\ \Phi_{255}^{4}\ \Phi_{170}^{4}\ \Phi_{102}^{4}\ \Phi_{51}^{4}\ \Phi_{34}^{4}\ \Phi_{30}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
129626	1720	573	$\frac{7}{573}$	$\frac{29}{573}$	$\frac{272}{573}$	$\frac{283}{573}$	$\Phi_{573}^{3}\ \Phi_{191}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
129627	1720	288	$\frac{1}{72}$	$\frac{1}{9}$	$\frac{73}{288}$	$\frac{71}{144}$	$\Phi_{288}^{8}\ \Phi_{96}^{8}\ \Phi_{72}^{8}\ \Phi_{36}^{8}\ \Phi_{32}^{8}\ \Phi_{24}^{8}\ \Phi_{18}^{8}\ \Phi_{12}^{8}\ \Phi_{9}^{7}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
129628	1720	3816	$\frac{3}{212}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{209}{424}$	$\Phi_{3816}\ \Phi_{1272}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
129629	1720	414	$\frac{1}{69}$	$\frac{1}{6}$	$\frac{35}{207}$	$\frac{34}{69}$	$\Phi_{414}^{6}\ \Phi_{207}^{4}\ \Phi_{138}^{3}\ \Phi_{69}^{2}\ \Phi_{46}^{3}\ \Phi_{23}^{2}\ \Phi_{18}^{6}\ \Phi_{9}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
129630	1720	423	$\frac{7}{423}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{208}{423}$	$\Phi_{423}^{4}\ \Phi_{141}^{4}\ \Phi_{47}^{4}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
129631	1720	1903	$\frac{3}{173}$	$\frac{1}{11}$	$\frac{44}{173}$	$\frac{85}{173}$	Φ_{1903}
129632	1720	1719	$\frac{31}{1719}$	$\frac{175}{1719}$	$\frac{386}{1719}$	$\frac{844}{1719}$	$\Phi_{1719}\ \Phi_{573}\ \Phi_{191}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
129633	1720	573	$\frac{11}{573}$	$\frac{73}{573}$	$\frac{100}{573}$	$\frac{281}{573}$	$\Phi_{573}^{3}\ \Phi_{191}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
129634	1720	690	$\frac{7}{345}$	$\frac{44}{345}$	$\frac{1}{6}$	$\frac{169}{345}$	$\Phi_{690}^{3}\,\Phi_{345}^{2}\,\Phi_{230}^{3}\,\Phi_{138}^{3}\,\Phi_{115}^{2}\,\Phi_{69}^{2}\,\Phi_{46}^{3}\,\Phi_{30}^{3}\,\Phi_{23}^{2}\,\Phi_{15}^{2}\,\Phi_{10}^{3}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
129635	1720	2155	$\frac{9}{431}$	$\frac{44}{431}$	$\frac{1}{5}$	$\frac{211}{431}$	Φ_{2155}
129636	1720	1719	$\frac{37}{1719}$	$\frac{128}{1719}$	$\frac{439}{1719}$	$\frac{841}{1719}$	$\Phi_{1719}\,\Phi_{573}\,\Phi_{191}\,\Phi_{9}\,\Phi_{3}\,\Phi_{1}^{2}$
129637	1720	861	$\frac{19}{861}$	$\frac{44}{861}$	$\frac{1}{3}$	$\frac{421}{861}$	$\Phi_{861}^{2}\,\Phi_{287}^{2}\,\Phi_{123}^{2}\,\Phi_{41}^{2}\,\Phi_{21}^{2}\,\Phi_{7}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
129638	1720	1092	$\frac{1}{42}$	$\frac{1}{39}$	$\frac{19}{39}$	$\frac{41}{84}$	$\Phi_{1092}^{3}\,\Phi_{364}^{3}\,\Phi_{156}^{3}\,\Phi_{84}^{4}\,\Phi_{52}^{3}\,\Phi_{39}\,\Phi_{28}^{4}\,\Phi_{13}\,\Phi_{12}^{4}\,\Phi_{4}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
129639	1720	84	$\frac{1}{42}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{84}^{40}\,\Phi_{28}^{40}\,\Phi_{21}^{2}\,\Phi_{12}^{40}\,\Phi_{7}^{2}\,\Phi_{4}^{40}\,\Phi_{3}\,\Phi_{1}^{2}$
129640	1720	1092	$\frac{1}{42}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{41}{84}$	$\Phi_{1092}^{3}\,\Phi_{364}^{3}\,\Phi_{156}^{3}\,\Phi_{84}^{4}\,\Phi_{52}^{3}\,\Phi_{28}^{4}\,\Phi_{13}^{3}\,\Phi_{12}^{4}\,\Phi_{4}^{4}\,\Phi_{1}^{4}$
129641	1720	4620	$\frac{1}{42}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{41}{84}$	$\Phi_{4620}\,\Phi_{1540}\,\Phi_{660}\,\Phi_{220}\,\Phi_{55}$
129642	1720	1092	$\frac{1}{42}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{41}{84}$	$\Phi_{1092}^{3}\,\Phi_{364}^{3}\,\Phi_{156}^{3}\,\Phi_{84}^{4}\,\Phi_{52}^{3}\,\Phi_{39}\,\Phi_{28}^{4}\,\Phi_{13}\,\Phi_{12}^{4}\,\Phi_{4}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
129643	1720	252	$\frac{1}{42}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{41}{84}$	$\Phi_{252}^{15}\,\Phi_{84}^{10}\,\Phi_{36}^{15}\,\Phi_{28}^{10}\,\Phi_{18}^{3}\,\Phi_{12}^{10}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{10}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
129644	1720	1353	$\frac{1}{41}$	$\frac{21}{451}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{1353}^{2}\,\Phi_{123}\,\Phi_{33}^{2}$
129645	1720	585	$\frac{1}{39}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{585}^{3}\,\Phi_{195}^{3}\,\Phi_{117}^{3}\,\Phi_{65}^{3}\,\Phi_{45}^{4}\,\Phi_{39}\,\Phi_{15}^{4}\,\Phi_{13}\,\Phi_{9}^{4}\,\Phi_{5}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
129646	1720	819	$\frac{1}{39}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{19}{39}$	$\Phi_{819}^{3}\,\Phi_{117}^{3}\,\Phi_{63}^{4}\,\Phi_{39}\,\Phi_{13}\,\Phi_{9}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
129647	1720	2184	$\frac{1}{39}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{19}{39}$	$\Phi_{2184}\,\Phi_{1092}\,\Phi_{728}\,\Phi_{364}\,\Phi_{312}\,\Phi_{168}\,\Phi_{156}\,\Phi_{104}\,\Phi_{84}\,\Phi_{56}^{2}\,\Phi_{52}\,\Phi_{39}\,\Phi_{28}^{2}\,\Phi_{24}\,\Phi_{13}\,\Phi_{12}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
129648	1720	624	$\frac{1}{39}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{19}{39}$	$\Phi_{624}^{3}\,\Phi_{312}^{3}\,\Phi_{208}^{3}\,\Phi_{156}^{3}\,\Phi_{104}^{3}\,\Phi_{52}^{3}\,\Phi_{48}^{4}\,\Phi_{39}\,\Phi_{24}^{4}\,\Phi_{16}^{4}\,\Phi_{13}\,\Phi_{12}^{4}\,\Phi_{8}^{4}\,\Phi_{4}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
129649	1720	1911	$\frac{1}{39}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{19}{39}$	$\Phi_{1911}\,\Phi_{637}\,\Phi_{147}\,\Phi_{49}^{2}\,\Phi_{39}\,\Phi_{13}\,\Phi_{3}\,\Phi_{1}^{2}$
129650	1720	837	$\frac{23}{837}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{407}{837}$	$\Phi_{837}^{2}\,\Phi_{279}^{2}\,\Phi_{93}^{2}\,\Phi_{31}^{2}\,\Phi_{27}^{4}\,\Phi_{9}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
129651	1720	3744	$\frac{7}{208}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{201}{416}$	$\Phi_{3744}\,\Phi_{1248}\,\Phi_{288}\,\Phi_{96}\,\Phi_{72}\,\Phi_{36}\,\Phi_{24}\,\Phi_{18}\,\Phi_{12}\,\Phi_{6}$
129652	1720	1218	$\frac{1}{29}$	$\frac{1}{21}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{1218}^{2}\,\Phi_{609}\,\Phi_{406}^{2}\,\Phi_{203}\,\Phi_{174}^{2}\,\Phi_{87}\,\Phi_{42}^{2}\,\Phi_{14}^{2}\,\Phi_{6}^{2}$
129653	1720	414	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{199}{414}$	$\Phi_{414}^{8}\,\Phi_{138}^{8}\,\Phi_{46}^{8}\,\Phi_{18}^{8}\,\Phi_{9}^{7}\,\Phi_{6}^{8}\,\Phi_{3}^{7}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
129654	1720	144	$\frac{1}{24}$	$\frac{5}{48}$	$\frac{1}{9}$	$\frac{23}{48}$	$\Phi_{144}^{12}\,\Phi_{72}^{15}\,\Phi_{48}^{8}\,\Phi_{36}^{15}\,\Phi_{24}^{10}\,\Phi_{18}^{15}\,\Phi_{16}^{8}\,\Phi_{12}^{10}\,\Phi_{9}^{14}\,\Phi_{8}^{10}\,\Phi_{6}^{10}\,\Phi_{4}^{10}\,\Phi_{3}^{9}\,\Phi_{2}^{10}\,\Phi_{1}^{10}$
129655	1720	330	$\frac{7}{165}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{79}{165}$	$\Phi_{330}^{6}\,\Phi_{165}^{4}\,\Phi_{110}^{6}\,\Phi_{66}^{6}\,\Phi_{55}^{4}\,\Phi_{33}^{4}\,\Phi_{30}^{9}\,\Phi_{22}^{6}\,\Phi_{15}^{6}\,\Phi_{11}^{4}\,\Phi_{10}^{9}\,\Phi_{6}^{8}\,\Phi_{5}^{6}\,\Phi_{3}^{5}\,\Phi_{2}^{8}\,\Phi_{1}^{6}$
129656	1720	138	$\frac{1}{23}$	$\frac{3}{46}$	$\frac{1}{6}$	$\frac{11}{23}$	$\Phi_{138}^{15}\,\Phi_{69}^{15}\,\Phi_{46}^{7}\,\Phi_{23}^{8}\,\Phi_{6}^{14}\,\Phi_{3}^{14}\,\Phi_{2}^{6}\,\Phi_{1}^{8}$
129657	1720	191	$\frac{9}{191}$	$\frac{19}{191}$	$\frac{20}{191}$	$\frac{91}{191}$	$\Phi_{191}^{9}\,\Phi_{1}^{10}$
129658	1720	441	$\frac{11}{441}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{441}^{4}\,\Phi_{147}^{4}\,\Phi_{63}^{4}\,\Phi_{49}^{4}\,\Phi_{21}^{2}\,\Phi_{9}^{4}\,\Phi_{7}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
129659	1720	246	$\frac{1}{41}$	$\frac{2}{41}$	$\frac{1}{3}$	$\frac{39}{82}$	$\Phi_{246}^{20}\,\Phi_{123}\,\Phi_{6}^{20}$
129660	1720	2508	$\frac{1}{44}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{2508}\,\Phi_{1254}\,\Phi_{627}\,\Phi_{228}\,\Phi_{132}^{2}\,\Phi_{114}\,\Phi_{66}^{2}\,\Phi_{33}^{2}\,\Phi_{12}^{2}\,\Phi_{6}^{2}$
129661	1720	855	$\frac{2}{45}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{855}^{2}\,\Phi_{285}^{2}\,\Phi_{171}^{2}\,\Phi_{95}\,\Phi_{57}^{2}\,\Phi_{45}^{4}\,\Phi_{19}^{2}\,\Phi_{15}^{4}\,\Phi_{9}^{4}\,\Phi_{5}^{2}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
129662	1720	969	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{9}{19}$	$\Phi_{969}^{2}\,\Phi_{323}\,\Phi_{57}^{2}\,\Phi_{51}^{4}\,\Phi_{19}^{2}\,\Phi_{17}^{2}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
129663	1720	1224	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{193}{408}$	$\Phi_{1224}^{3}\,\Phi_{408}^{2}\,\Phi_{136}^{2}\,\Phi_{72}^{3}\,\Phi_{36}^{3}\,\Phi_{24}^{2}\,\Phi_{18}^{3}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
129664	1720	81	$\frac{5}{81}$	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{38}{81}$	$\Phi_{81}^{20}\,\Phi_{27}^{24}\,\Phi_{9}^{23}\,\Phi_{3}^{23}\,\Phi_{1}^{24}$
129665	1720	90	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{90}^{24}\,\Phi_{45}^{16}\,\Phi_{30}^{21}\,\Phi_{18}^{24}\,\Phi_{15}^{14}\,\Phi_{10}^{21}\,\Phi_{9}^{16}\,\Phi_{6}^{20}\,\Phi_{5}^{14}\,\Phi_{3}^{13}\,\Phi_{2}^{20}\,\Phi_{1}^{14}$
129666	1720	966	$\frac{1}{23}$	$\frac{11}{161}$	$\frac{1}{6}$	$\frac{75}{161}$	$\Phi_{966}^{2}\,\Phi_{483}^{2}\,\Phi_{322}^{2}\,\Phi_{138}^{3}\,\Phi_{69}^{3}\,\Phi_{46}^{3}\,\Phi_{42}^{2}\,\Phi_{21}^{2}\,\Phi_{14}^{2}\,\Phi_{6}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}$
129667	1720	1804	$\frac{1}{44}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{1804}\,\Phi_{902}\,\Phi_{451}\,\Phi_{164}\,\Phi_{82}$
129668	1720	3280	$\frac{1}{41}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{3280}\,\Phi_{656}\,\Phi_{164}\,\Phi_{82}$
129669	1720	1599	$\frac{2}{123}$	$\frac{121}{1599}$	$\frac{1}{3}$	$\frac{739}{1599}$	$\Phi_{1599}\,\Phi_{533}\,\Phi_{123}^{2}\,\Phi_{41}^{2}\,\Phi_{39}\,\Phi_{13}\,\Phi_{3}\,\Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
129670	1720	396	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{1}{9}$	$\frac{181}{396}$	$\Phi_{396}^{8}\ \Phi_{132}^{8}\ \Phi_{44}^{8}\ \Phi_{36}^{8}\ \Phi_{18}^{8}\ \Phi_{12}^{8}\ \Phi_{9}^{7}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
129671	1720	1719	$\frac{29}{1719}$	$\frac{169}{1719}$	$\frac{472}{1719}$	$\frac{775}{1719}$	$\Phi_{1719}\ \Phi_{573}\ \Phi_{191}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
129672	1720	861	$\frac{11}{861}$	$\frac{85}{861}$	$\frac{1}{3}$	$\frac{388}{861}$	$\Phi_{861}^{2}\ \Phi_{287}^{2}\ \Phi_{123}^{2}\ \Phi_{41}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
129673	1720	261	$\frac{1}{87}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{261}^{6}\ \Phi_{87}^{8}\ \Phi_{29}^{8}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
129674	1720	171	$\frac{1}{57}$	$\frac{1}{9}$	$\frac{14}{57}$	$\frac{4}{9}$	$\Phi_{171}^{9}\ \Phi_{57}^{12}\ \Phi_{19}^{12}\ \Phi_{9}^{10}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
129675	1720	1980	$\frac{1}{44}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}^{2}\ \Phi_{180}\ \Phi_{165}\ \Phi_{110}^{2}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
129676	1720	513	$\frac{5}{171}$	$\frac{1}{9}$	$\frac{83}{513}$	$\frac{4}{9}$	$\Phi_{513}^{4}\ \Phi_{171}^{2}\ \Phi_{57}^{2}\ \Phi_{27}^{4}\ \Phi_{19}^{2}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
129677	1720	45	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{45}^{40}\ \Phi_{15}^{40}\ \Phi_{9}^{31}\ \Phi_{5}^{40}\ \Phi_{3}^{31}\ \Phi_{1}^{32}$
129678	1720	855	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{855}^{2}\ \Phi_{285}^{2}\ \Phi_{171}\ \Phi_{95}^{4}\ \Phi_{57}\ \Phi_{45}^{2}\ \Phi_{19}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
129679	1720	1152	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{23}{192}$	$\frac{169}{384}$	$\Phi_{1152}^{3}\ \Phi_{384}^{2}\ \Phi_{128}^{2}\ \Phi_{72}^{3}\ \Phi_{36}^{3}\ \Phi_{24}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
129680	1720	2016	$\frac{9}{224}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
129681	1720	382	$\frac{7}{191}$	$\frac{23}{191}$	$\frac{24}{191}$	$\frac{167}{382}$	$\Phi_{382}^{8}\ \Phi_{191}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
129682	1720	378	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{26}{189}$	$\frac{163}{378}$	$\Phi_{378}^{8}\ \Phi_{126}^{8}\ \Phi_{54}^{8}\ \Phi_{42}^{8}\ \Phi_{27}^{8}\ \Phi_{18}^{8}\ \Phi_{14}^{8}\ \Phi_{9}^{7}\ \Phi_{6}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
129683	1720	651	$\frac{2}{217}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{651}^{4}\ \Phi_{93}^{4}\ \Phi_{21}^{3}\ \Phi_{3}^{2}$
129684	1720	2247	$\frac{1}{107}$	$\frac{1}{7}$	$\frac{106}{321}$	$\frac{3}{7}$	$\Phi_{2247}\ \Phi_{321}^{2}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
129685	1720	609	$\frac{1}{87}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{609}^{3}\ \Phi_{203}^{3}\ \Phi_{87}^{2}\ \Phi_{29}^{2}\ \Phi_{21}^{3}\ \Phi_{3}^{2}$
129686	1720	749	$\frac{2}{107}$	$\frac{1}{7}$	$\frac{21}{107}$	$\frac{3}{7}$	$\Phi_{749}^{2}\ \Phi_{107}^{4}\ \Phi_{7}^{3}\ \Phi_{1}^{6}$
129687	1720	924	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}\ \Phi_{231}^{2}\ \Phi_{154}\ \Phi_{132}^{4}\ \Phi_{84}^{2}\ \Phi_{77}\ \Phi_{66}^{4}\ \Phi_{44}^{2}\ \Phi_{42}\ \Phi_{33}^{4}\ \Phi_{28}\ \Phi_{22}^{2}\ \Phi_{21}\ \Phi_{12}^{4}\ \Phi_{11}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
129688	1720	1719	$\frac{23}{1719}$	$\frac{259}{1719}$	$\frac{424}{1719}$	$\frac{730}{1719}$	$\Phi_{1719}\ \Phi_{573}\ \Phi_{191}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
129689	1720	369	$\frac{1}{123}$	$\frac{61}{369}$	$\frac{1}{3}$	$\frac{154}{369}$	$\Phi_{369}^{4}\ \Phi_{123}^{6}\ \Phi_{41}^{6}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
129690	1720	1804	$\frac{1}{44}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{1804}\ \Phi_{902}\ \Phi_{451}\ \Phi_{164}\ \Phi_{82}$
129691	1720	191	$\frac{6}{191}$	$\frac{19}{191}$	$\frac{37}{191}$	$\frac{77}{191}$	$\Phi_{191}^{9}\ \Phi_{1}^{10}$
129692	1720	72	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{7}{36}$	$\frac{29}{72}$	$\Phi_{72}^{40}\ \Phi_{36}^{8}\ \Phi_{24}^{40}\ \Phi_{18}^{8}\ \Phi_{12}^{8}\ \Phi_{9}^{7}\ \Phi_{8}^{40}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
129693	1720	1719	$\frac{34}{1719}$	$\frac{257}{1719}$	$\frac{337}{1719}$	$\frac{691}{1719}$	$\Phi_{1719}\ \Phi_{573}\ \Phi_{191}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
129694	1720	2155	$\frac{6}{431}$	$\frac{85}{431}$	$\frac{1}{5}$	$\frac{173}{431}$	Φ_{2155}
129695	1720	1719	$\frac{14}{1719}$	$\frac{341}{1719}$	$\frac{515}{1719}$	$\frac{689}{1719}$	$\Phi_{1719}\ \Phi_{573}\ \Phi_{191}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
129696	1720	861	$\frac{2}{287}$	$\frac{57}{287}$	$\frac{1}{3}$	$\frac{115}{287}$	$\Phi_{861}^{3}\ \Phi_{123}^{3}\ \Phi_{21}^{3}\ \Phi_{3}^{2}$
129697	1720	1050	$\frac{3}{175}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1050}^{2}\ \Phi_{525}^{2}\ \Phi_{350}^{2}\ \Phi_{210}^{2}\ \Phi_{150}^{2}\ \Phi_{105}^{2}\ \Phi_{75}^{2}\ \Phi_{70}^{2}\ \Phi_{50}^{2}\ \Phi_{42}^{2}\ \Phi_{30}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{10}$
129698	1720	573	$\frac{8}{573}$	$\frac{113}{573}$	$\frac{115}{573}$	$\frac{229}{573}$	$\Phi_{573}^{3}\ \Phi_{191}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
129699	1720	1804	$\frac{1}{44}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{1804}\ \Phi_{902}\ \Phi_{451}\ \Phi_{164}\ \Phi_{82}$
129700	1720	1719	$\frac{35}{1719}$	$\frac{214}{1719}$	$\frac{421}{1719}$	$\frac{649}{1719}$	$\Phi_{1719}\ \Phi_{573}\ \Phi_{191}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
129701	1720	138	$\frac{1}{69}$	$\frac{1}{6}$	$\frac{17}{69}$	$\frac{26}{69}$	$\Phi_{138}^{15}\ \Phi_{69}^{10}\ \Phi_{46}^{15}\ \Phi_{23}^{10}\ \Phi_{6}^{14}\ \Phi_{3}^{9}\ \Phi_{2}^{14}\ \Phi_{1}^{10}$
129702	1720	4152	$\frac{1}{173}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{4152}\ \Phi_{519}$
129703	1720	2744	$\frac{3}{343}$	$\frac{85}{343}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2744}\ \Phi_{392}\ \Phi_{343}\ \Phi_{56}\ \Phi_{49}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
129704	1720	3480	$\frac{1}{87}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{435}\ \Phi_{145}\ \Phi_{120}\ \Phi_{15}$
129705	1720	1400	$\frac{3}{175}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1400}^{2}\ \Phi_{280}^{2}\ \Phi_{200}^{2}\ \Phi_{175}^{2}\ \Phi_{56}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{25}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
129706	1720	392	$\frac{1}{49}$	$\frac{6}{49}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{392}^{7}\ \Phi_{56}^{7}\ \Phi_{49}^{7}\ \Phi_{8}^{8}\ \Phi_{7}^{7}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
129707	1720	792	$\frac{1}{44}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}^4\ \Phi_{396}\ \Phi_{264}^4\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{72}^3\ \Phi_{66}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
129708	1720	1968	$\frac{1}{41}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{492}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}$
129709	1720	2706	$\frac{1}{41}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{2706}\ \Phi_{902}\ \Phi_{451}\ \Phi_{246}\ \Phi_{82}$
129710	1720	324	$\frac{1}{54}$	$\frac{1}{9}$	$\frac{53}{162}$	$\frac{109}{324}$	$\Phi_{324}^8\ \Phi_{108}^8\ \Phi_{54}^8\ \Phi_{36}^8\ \Phi_{27}^8\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
129711	1720	216	$\frac{1}{216}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{216}^8\ \Phi_{108}^8\ \Phi_{72}^8\ \Phi_{54}^8\ \Phi_{36}^8\ \Phi_{27}^8\ \Phi_{24}^8\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^8\ \Phi_8^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
129712	1720	1287	$\frac{2}{429}$	$\frac{427}{1287}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1287}^2\ \Phi_{117}^2\ \Phi_{99}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
129713	1720	858	$\frac{1}{143}$	$\frac{71}{286}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{858}^2\ \Phi_{429}\ \Phi_{286}^4\ \Phi_{143}^2\ \Phi_{78}^2\ \Phi_{66}^2\ \Phi_{39}\ \Phi_{33}\ \Phi_{26}^4\ \Phi_{22}^4\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
129714	1720	429	$\frac{4}{429}$	$\frac{85}{429}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{429}^4\ \Phi_{143}^4\ \Phi_{39}^4\ \Phi_{33}^4\ \Phi_{13}^4\ \Phi_{11}^4\ \Phi_3^5\ \Phi_1^6$
129715	1720	174	$\frac{1}{87}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{174}^{12}\ \Phi_{87}^8\ \Phi_{58}^{12}\ \Phi_{29}^8\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
129716	1720	429	$\frac{3}{143}$	$\frac{14}{143}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{429}^3\ \Phi_{143}^6\ \Phi_{39}^3\ \Phi_{33}^3\ \Phi_{13}^6\ \Phi_{11}^6\ \Phi_3^4\ \Phi_1^8$
129717	1720	132	$\frac{1}{44}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{132}^{10}\ \Phi_{66}^{10}\ \Phi_{44}^{20}\ \Phi_{33}^9\ \Phi_{22}^{20}\ \Phi_{12}^{10}\ \Phi_{11}^{18}\ \Phi_6^{10}\ \Phi_4^{20}\ \Phi_3^{10}\ \Phi_2^{20}\ \Phi_1^{20}$
129718	1720	234	$\frac{1}{39}$	$\frac{19}{234}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{234}^8\ \Phi_{117}^8\ \Phi_{78}^8\ \Phi_{39}^4\ \Phi_{26}^8\ \Phi_{18}^8\ \Phi_{13}^4\ \Phi_9^8\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
129719	1720	663	$\frac{6}{221}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{663}^2\ \Phi_{221}^4\ \Phi_{51}^2\ \Phi_{39}\ \Phi_{17}^4\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
129720	1720	231	$\frac{1}{33}$	$\frac{16}{231}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}^8\ \Phi_{77}^8\ \Phi_{33}^4\ \Phi_{21}^8\ \Phi_{11}^4\ \Phi_7^8\ \Phi_3^5\ \Phi_1^6$
129721	1720	891	$\frac{31}{891}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{99}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
129722	1720	897	$\frac{37}{897}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{897}^2\ \Phi_{299}^2\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_3\ \Phi_1^2$
129723	1720	315	$\frac{2}{45}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{315}^6\ \Phi_{105}^6\ \Phi_{63}^6\ \Phi_{45}^4\ \Phi_{35}^6\ \Phi_{21}^2\ \Phi_{15}^4\ \Phi_9^4\ \Phi_7^2\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
129724	1720	1107	$\frac{1}{123}$	$\frac{247}{1107}$	$\frac{122}{369}$	$\frac{1}{3}$	$\Phi_{1107}^2\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_{27}^2\ \Phi_3\ \Phi_1^2$
129725	1720	1605	$\frac{1}{107}$	$\frac{1}{5}$	$\frac{106}{321}$	$\frac{1}{3}$	$\Phi_{1605}\ \Phi_{535}^2\ \Phi_{15}^2\ \Phi_5^2$
129726	1720	1026	$\frac{2}{171}$	$\frac{1}{6}$	$\frac{169}{513}$	$\frac{1}{3}$	$\Phi_{1026}^3\ \Phi_{513}^2\ \Phi_{54}^3\ \Phi_{27}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
129727	1720	1281	$\frac{6}{427}$	$\frac{1}{7}$	$\frac{421}{1281}$	$\frac{1}{3}$	$\Phi_{1281}\ \Phi_{427}^2\ \Phi_{183}\ \Phi_{61}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
129728	1720	63	$\frac{1}{21}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{63}^{40}\ \Phi_{21}^2\ \Phi_9^{40}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
129729	1720	585	$\frac{2}{45}$	$\frac{2}{39}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{585}^3\ \Phi_{195}^3\ \Phi_{117}^2\ \Phi_{65}^3\ \Phi_{45}^4\ \Phi_{39}^3\ \Phi_{15}^4\ \Phi_{13}^3\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
129730	1720	441	$\frac{11}{441}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{441}^4\ \Phi_{147}^4\ \Phi_{63}^3\ \Phi_{49}^4\ \Phi_{21}^4\ \Phi_9^3\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
129731	1720	123	$\frac{1}{41}$	$\frac{4}{41}$	$\frac{37}{123}$	$\frac{1}{3}$	$\Phi_{123}^{11}\ \Phi_{41}^{20}\ \Phi_3^{10}\ \Phi_1^{20}$
129732	1720	525	$\frac{3}{175}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{525}^5\ \Phi_{105}^5\ \Phi_{75}^5\ \Phi_{21}^3\ \Phi_{15}^5\ \Phi_3^2$
129733	1720	783	$\frac{1}{87}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{783}^3\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{27}^2\ \Phi_3\ \Phi_1^2$
129734	1720	114	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{14}{57}$	$\frac{1}{3}$	$\Phi_{114}^{18}\ \Phi_{57}^{12}\ \Phi_{38}^{18}\ \Phi_{19}^{12}\ \Phi_6^{20}\ \Phi_3^{13}\ \Phi_2^{20}\ \Phi_1^{14}$
129735	1720	861	$\frac{17}{861}$	$\frac{130}{861}$	$\frac{211}{861}$	$\frac{1}{3}$	$\Phi_{861}^2\ \Phi_{287}^2\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
129736	1720	246	$\frac{1}{41}$	$\frac{31}{246}$	$\frac{10}{41}$	$\frac{1}{3}$	$\Phi_{246}^8\ \Phi_{123}^5\ \Phi_{82}^8\ \Phi_{41}^8\ \Phi_6^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
129737	1720	567	$\frac{19}{567}$	$\frac{2}{21}$	$\frac{137}{567}$	$\frac{1}{3}$	$\Phi_{567}^3\ \Phi_{189}^3\ \Phi_{81}^3\ \Phi_{63}^3\ \Phi_{27}^3\ \Phi_{21}^4\ \Phi_9^3\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
129738	1720	231	$\frac{1}{21}$	$\frac{16}{231}$	$\frac{5}{21}$	$\frac{1}{3}$	$\Phi_{231}^8\ \Phi_{77}^8\ \Phi_{33}^8\ \Phi_{21}^2\ \Phi_{11}^8\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
129739	1720	168	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{168}^{13}\ \Phi_{84}^{13}\ \Phi_{56}^{14}\ \Phi_{28}^{14}\ \Phi_{24}^{13}\ \Phi_{21}^2\ \Phi_{12}^{13}\ \Phi_8^{14}\ \Phi_7^2\ \Phi_4^{14}\ \Phi_3\ \Phi_1^2$
129740	1720	585	$\frac{2}{45}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{585}^3\ \Phi_{195}^3\ \Phi_{117}^3\ \Phi_{65}^3\ \Phi_{45}^4\ \Phi_{15}^4\ \Phi_{13}^3\ \Phi_9^4\ \Phi_5^4\ \Phi_1^4$
129741	1720	702	$\frac{7}{351}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{702}^3\ \Phi_{351}^2\ \Phi_{234}^3\ \Phi_{117}^2\ \Phi_{78}^3\ \Phi_{54}^3\ \Phi_{39}^2\ \Phi_{27}^2\ \Phi_{26}^3\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
129742	1720	2508	$\frac{1}{44}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{627}\ \Phi_{228}\ \Phi_{132}^2\ \Phi_{114}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{12}^2\ \Phi_6^2$
129743	1720	861	$\frac{16}{861}$	$\frac{169}{861}$	$\frac{173}{861}$	$\frac{1}{3}$	$\Phi_{861}^2\ \Phi_{287}^2\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
129744	1720	1605	$\frac{2}{107}$	$\frac{21}{107}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1605}^2\ \Phi_{15}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
129745	1720	660	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{660}^{3}\,\Phi_{330}^{3}\,\Phi_{220}^{4}\,\Phi_{165}^{3}\,\Phi_{110}^{4}\,\Phi_{60}^{3}\,\Phi_{55}^{4}\,\Phi_{30}\,\Phi_{20}^{4}\,\Phi_{15}^{2}\,\Phi_{10}^{2}\,\Phi_{5}^{2}$
129746	1720	495	$\frac{2}{45}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{495}^{4}\,\Phi_{165}^{3}\,\Phi_{99}^{4}\,\Phi_{55}^{4}\,\Phi_{33}^{4}\,\Phi_{11}^{4}$
129747	1720	615	$\frac{1}{41}$	$\frac{33}{205}$	$\frac{8}{41}$	$\frac{1}{3}$	$\Phi_{615}^{5}\,\Phi_{123}\,\Phi_{15}^{5}$
129748	1720	189	$\frac{1}{21}$	$\frac{17}{189}$	$\frac{4}{21}$	$\frac{1}{3}$	$\Phi_{189}^{10}\,\Phi_{63}^{10}\,\Phi_{27}^{10}\,\Phi_{21}^{2}\,\Phi_{9}^{10}\,\Phi_{7}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
129749	1720	105	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{105}^{20}\,\Phi_{35}^{20}\,\Phi_{21}^{2}\,\Phi_{15}^{20}\,\Phi_{7}^{2}\,\Phi_{5}^{20}\,\Phi_{3}\,\Phi_{1}^{2}$
129750	1720	585	$\frac{2}{45}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{585}^{3}\,\Phi_{195}^{3}\,\Phi_{117}^{3}\,\Phi_{65}^{3}\,\Phi_{45}^{4}\,\Phi_{39}\,\Phi_{15}^{4}\,\Phi_{13}\,\Phi_{9}^{4}\,\Phi_{5}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
129751	1720	798	$\frac{2}{57}$	$\frac{55}{399}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{798}^{3}\,\Phi_{399}^{2}\,\Phi_{266}^{3}\,\Phi_{133}^{2}\,\Phi_{42}^{3}\,\Phi_{21}^{2}\,\Phi_{14}^{3}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
129752	1720	90	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{90}^{24}\,\Phi_{45}^{16}\,\Phi_{30}^{24}\,\Phi_{18}^{18}\,\Phi_{15}^{16}\,\Phi_{10}^{24}\,\Phi_{9}^{12}\,\Phi_{6}^{20}\,\Phi_{5}^{16}\,\Phi_{3}^{13}\,\Phi_{2}^{20}\,\Phi_{1}^{14}$
129753	1720	336	$\frac{1}{21}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{336}^{6}\,\Phi_{168}^{6}\,\Phi_{112}^{6}\,\Phi_{84}^{6}\,\Phi_{56}^{6}\,\Phi_{48}^{4}\,\Phi_{28}^{6}\,\Phi_{24}^{4}\,\Phi_{21}^{2}\,\Phi_{16}^{4}\,\Phi_{12}^{4}\,\Phi_{8}^{4}\,\Phi_{7}^{2}\,\Phi_{4}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
129754	1720	570	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{570}^{4}\,\Phi_{285}^{2}\,\Phi_{190}^{4}\,\Phi_{114}^{2}\,\Phi_{95}^{4}\,\Phi_{57}\,\Phi_{38}^{2}\,\Phi_{30}^{4}\,\Phi_{19}^{2}\,\Phi_{15}^{2}\,\Phi_{10}^{4}\,\Phi_{6}^{4}\,\Phi_{5}^{4}\,\Phi_{3}^{2}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
129755	1720	561	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{8}{51}$	$\frac{1}{3}$	$\Phi_{561}^{3}\,\Phi_{187}^{4}\,\Phi_{33}^{4}\,\Phi_{11}^{4}$
129756	1720	252	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{37}{252}$	$\frac{1}{3}$	$\Phi_{252}^{8}\,\Phi_{126}^{8}\,\Phi_{84}^{8}\,\Phi_{63}^{8}\,\Phi_{36}^{8}\,\Phi_{28}^{8}\,\Phi_{21}^{2}\,\Phi_{18}^{8}\,\Phi_{12}^{8}\,\Phi_{9}^{8}\,\Phi_{7}^{2}\,\Phi_{4}^{8}\,\Phi_{3}\,\Phi_{1}^{2}$
129757	1720	147	$\frac{1}{21}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{147}^{13}\,\Phi_{49}^{14}\,\Phi_{21}^{2}\,\Phi_{7}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
129758	1720	189	$\frac{17}{189}$	$\frac{2}{21}$	$\frac{19}{189}$	$\frac{1}{3}$	$\Phi_{189}^{9}\,\Phi_{63}^{9}\,\Phi_{27}^{9}\,\Phi_{21}^{10}\,\Phi_{9}^{9}\,\Phi_{7}^{10}\,\Phi_{3}^{9}\,\Phi_{1}^{10}$
129759	1720	510	$\frac{2}{85}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{83}{255}$	$\Phi_{510}^{4}\,\Phi_{255}^{2}\,\Phi_{170}^{4}\,\Phi_{102}^{4}\,\Phi_{85}^{4}\,\Phi_{51}^{2}\,\Phi_{34}^{4}\,\Phi_{30}^{5}\,\Phi_{17}^{4}\,\Phi_{15}^{3}\,\Phi_{10}^{5}\,\Phi_{6}^{4}\,\Phi_{5}^{4}\,\Phi_{3}^{2}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
129760	1720	819	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{20}{63}$	$\Phi_{819}^{3}\,\Phi_{117}^{3}\,\Phi_{63}^{4}\,\Phi_{13}^{3}\,\Phi_{9}^{4}\,\Phi_{1}^{4}$
129761	1720	3465	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{20}{63}$	$\Phi_{3465}\,\Phi_{495}\,\Phi_{55}$
129762	1720	819	$\frac{1}{21}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{20}{63}$	$\Phi_{819}^{3}\,\Phi_{117}^{3}\,\Phi_{63}^{4}\,\Phi_{39}\,\Phi_{13}\,\Phi_{9}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
129763	1720	126	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{20}{63}$	$\Phi_{126}^{15}\,\Phi_{63}^{10}\,\Phi_{42}^{18}\,\Phi_{21}^{12}\,\Phi_{18}^{18}\,\Phi_{14}^{18}\,\Phi_{9}^{12}\,\Phi_{7}^{12}\,\Phi_{6}^{20}\,\Phi_{3}^{13}\,\Phi_{2}^{20}\,\Phi_{1}^{14}$
129764	1720	936	$\frac{7}{104}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{97}{312}$	$\Phi_{936}^{2}\,\Phi_{468}^{2}\,\Phi_{312}\,\Phi_{234}^{2}\,\Phi_{156}\,\Phi_{117}^{2}\,\Phi_{104}^{2}\,\Phi_{78}\,\Phi_{72}^{3}\,\Phi_{52}^{2}\,\Phi_{39}\,\Phi_{36}^{3}\,\Phi_{26}^{2}\,\Phi_{24}^{2}\,\Phi_{18}^{3}\,\Phi_{13}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
129765	1720	243	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{28}{243}$	$\frac{25}{81}$	$\Phi_{243}^{8}\,\Phi_{81}^{4}\,\Phi_{27}^{8}\,\Phi_{9}^{7}\,\Phi_{3}^{7}\,\Phi_{1}^{8}$
129766	1720	990	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{1}{6}$	$\frac{151}{495}$	$\Phi_{990}^{3}\,\Phi_{495}^{2}\,\Phi_{198}^{3}\,\Phi_{99}^{2}\,\Phi_{90}^{3}\,\Phi_{45}^{2}\,\Phi_{30}^{3}\,\Phi_{18}^{3}\,\Phi_{15}^{2}\,\Phi_{10}^{3}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
129767	1720	138	$\frac{3}{46}$	$\frac{2}{23}$	$\frac{1}{6}$	$\frac{7}{23}$	$\Phi_{138}^{15}\,\Phi_{69}^{15}\,\Phi_{46}^{7}\,\Phi_{23}^{8}\,\Phi_{6}^{14}\,\Phi_{3}^{14}\,\Phi_{2}^{6}\,\Phi_{1}^{8}$
129768	1720	567	$\frac{19}{567}$	$\frac{1}{9}$	$\frac{137}{567}$	$\frac{8}{27}$	$\Phi_{567}^{3}\,\Phi_{189}^{3}\,\Phi_{81}^{3}\,\Phi_{63}^{3}\,\Phi_{27}^{4}\,\Phi_{21}^{3}\,\Phi_{9}^{3}\,\Phi_{7}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
129769	1720	891	$\frac{31}{891}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{891}^{2}\,\Phi_{297}^{2}\,\Phi_{99}^{2}\,\Phi_{81}\,\Phi_{33}^{2}\,\Phi_{27}^{2}\,\Phi_{11}^{2}\,\Phi_{9}\,\Phi_{3}\,\Phi_{1}^{2}$
129770	1720	243	$\frac{19}{243}$	$\frac{1}{9}$	$\frac{28}{243}$	$\frac{8}{27}$	$\Phi_{243}^{7}\,\Phi_{81}^{7}\,\Phi_{27}^{8}\,\Phi_{9}^{7}\,\Phi_{3}^{7}\,\Phi_{1}^{8}$
129771	1720	189	$\frac{17}{189}$	$\frac{19}{189}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{189}^{9}\,\Phi_{63}^{9}\,\Phi_{27}^{10}\,\Phi_{21}^{9}\,\Phi_{9}^{9}\,\Phi_{7}^{9}\,\Phi_{3}^{9}\,\Phi_{1}^{10}$
129772	1720	966	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{1}{6}$	$\frac{139}{483}$	$\Phi_{966}^{2}\,\Phi_{483}\,\Phi_{322}^{2}\,\Phi_{161}^{2}\,\Phi_{138}^{3}\,\Phi_{69}^{2}\,\Phi_{46}^{3}\,\Phi_{42}^{2}\,\Phi_{23}^{2}\,\Phi_{21}\,\Phi_{14}^{2}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
129773	1720	2460	$\frac{1}{41}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{2460}\,\Phi_{1230}\,\Phi_{615}\,\Phi_{492}\,\Phi_{246}\,\Phi_{164}\,\Phi_{123}\,\Phi_{82}$
129774	1720	288	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{23}{96}$	$\frac{73}{288}$	$\Phi_{288}^{5}\,\Phi_{144}^{5}\,\Phi_{96}^{6}\,\Phi_{72}^{8}\,\Phi_{48}^{6}\,\Phi_{36}^{8}\,\Phi_{32}^{6}\,\Phi_{24}^{8}\,\Phi_{18}^{8}\,\Phi_{16}^{6}\,\Phi_{12}^{8}\,\Phi_{9}^{7}\,\Phi_{8}^{8}\,\Phi_{6}^{8}\,\Phi_{4}^{8}\,\Phi_{3}^{7}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
129775	1720	690	$\frac{3}{115}$	$\frac{1}{6}$	$\frac{28}{115}$	$\frac{29}{115}$	$\Phi_{690}^{3}\,\Phi_{345}^{3}\,\Phi_{230}^{3}\,\Phi_{138}^{3}\,\Phi_{69}^{3}\,\Phi_{46}^{3}\,\Phi_{30}^{3}\,\Phi_{15}^{3}\,\Phi_{10}^{3}\,\Phi_{6}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}$
129776	1720	728	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{13}{56}$	$\Phi_{728}^{3}\,\Phi_{364}^{3}\,\Phi_{104}^{3}\,\Phi_{56}^{4}\,\Phi_{52}^{3}\,\Phi_{28}^{4}\,\Phi_{13}^{3}\,\Phi_{8}^{4}\,\Phi_{4}^{4}\,\Phi_{1}^{4}$
129777	1720	3080	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{13}{56}$	$\Phi_{3080}\,\Phi_{1540}\,\Phi_{440}\,\Phi_{220}\,\Phi_{55}$
129778	1720	2184	$\frac{1}{14}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{13}{56}$	$\Phi_{2184}\,\Phi_{1092}\,\Phi_{728}\,\Phi_{364}\,\Phi_{312}\,\Phi_{168}\,\Phi_{156}\,\Phi_{104}\,\Phi_{84}\,\Phi_{56}^{2}\,\Phi_{52}\,\Phi_{39}\,\Phi_{28}^{2}\,\Phi_{24}\,\Phi_{13}\,\Phi_{12}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
129779	1720	504	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{13}{56}$	$\Phi_{504}^5\ \Phi_{252}^5\ \Phi_{168}^3\ \Phi_{84}^3\ \Phi_{72}^5\ \Phi_{56}^4\ \Phi_{36}^5\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
129780	1720	624	$\frac{1}{13}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{3}{13}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{13}^3\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_1^4$
129781	1720	637	$\frac{1}{13}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{3}{13}$	$\Phi_{637}^3\ \Phi_{49}^4\ \Phi_{13}^3\ \Phi_1^4$
129782	1720	855	$\frac{2}{45}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{171}^2\ \Phi_{95}\ \Phi_{57}^2\ \Phi_{45}^4\ \Phi_{19}^2\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
129783	1720	969	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{969}^2\ \Phi_{323}\ \Phi_{57}^2\ \Phi_{51}^4\ \Phi_{19}^2\ \Phi_{17}^2\ \Phi_3^4\ \Phi_1^4$
129784	1720	54	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{11}{54}$	$\Phi_{54}^{40}\ \Phi_{27}^{24}\ \Phi_{18}^{40}\ \Phi_9^{23}\ \Phi_6^{40}\ \Phi_3^{23}\ \Phi_2^{40}\ \Phi_1^{24}$
129785	1720	90	$\frac{2}{45}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{90}^{24}\ \Phi_{45}^{16}\ \Phi_{30}^{21}\ \Phi_{18}^{24}\ \Phi_{15}^{13}\ \Phi_{10}^{21}\ \Phi_9^{16}\ \Phi_6^{20}\ \Phi_5^{16}\ \Phi_3^{12}\ \Phi_2^{20}\ \Phi_1^{16}$
129786	1720	2550	$\frac{4}{85}$	$\frac{1}{6}$	$\frac{81}{425}$	$\frac{1}{5}$	$\Phi_{2550}\ \Phi_{1275}\ \Phi_{850}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
129787	1720	510	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{510}^5\ \Phi_{255}^3\ \Phi_{170}^5\ \Phi_{85}^4\ \Phi_{30}^6\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_5^4$
129788	1720	2640	$\frac{1}{11}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{880}\ \Phi_{660}\ \Phi_{440}\ \Phi_{220}\ \Phi_{55}$
129789	1720	2695	$\frac{1}{11}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{2695}\ \Phi_{55}$
129790	1720	624	$\frac{4}{39}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{7}{39}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{48}^4\ \Phi_{39}\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{13}\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
129791	1720	1911	$\frac{4}{39}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{7}{39}$	$\Phi_{1911}\ \Phi_{637}\ \Phi_{147}\ \Phi_{49}^2\ \Phi_{39}\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
129792	1720	144	$\frac{5}{48}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{144}^{15}\ \Phi_{72}^{15}\ \Phi_{48}^{10}\ \Phi_{36}^{15}\ \Phi_{24}^{10}\ \Phi_{18}^3\ \Phi_{16}^{10}\ \Phi_{12}^{10}\ \Phi_9^2\ \Phi_8^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
129793	1720	252	$\frac{1}{9}$	$\frac{5}{42}$	$\frac{37}{252}$	$\frac{1}{6}$	$\Phi_{252}^8\ \Phi_{126}^5\ \Phi_{84}^8\ \Phi_{63}^5\ \Phi_{42}^6\ \Phi_{36}^8\ \Phi_{28}^8\ \Phi_{21}^6\ \Phi_{18}^8\ \Phi_{14}^6\ \Phi_{12}^8\ \Phi_9^7\ \Phi_7^6\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
129794	1720	882	$\frac{1}{9}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{882}^3\ \Phi_{441}^2\ \Phi_{294}^2\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
129795	1721	2752	$\frac{1}{344}$	$\frac{345}{1376}$	$\frac{1031}{2752}$	$\frac{343}{688}$	$\Phi_{2752}\ \Phi_{688}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
129796	1721	3424	$\frac{9}{1712}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1703}{3424}$	$\Phi_{3424}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
129797	1721	3420	$\frac{11}{1710}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1699}{3420}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{228}\ \Phi_{180}\ \Phi_{76}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
129798	1721	2300	$\frac{4}{575}$	$\frac{1}{5}$	$\frac{579}{2300}$	$\frac{571}{1150}$	$\Phi_{2300}\ \Phi_{575}\ \Phi_{460}\ \Phi_{115}\ \Phi_{100}\ \Phi_{92}\ \Phi_{25}\ \Phi_{23}\ \Phi_{20}\ \Phi_4\ \Phi_1$
129799	1721	3408	$\frac{17}{1704}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1687}{3408}$	$\Phi_{3408}\ \Phi_{1136}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
129800	1721	2070	$\frac{4}{345}$	$\frac{349}{2070}$	$\frac{1}{5}$	$\frac{341}{690}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{414}\ \Phi_{345}\ \Phi_{207}\ \Phi_{115}\ \Phi_{90}\ \Phi_{69}\ \Phi_{45}\ \Phi_{23}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
129801	1721	2304	$\frac{7}{576}$	$\frac{1}{8}$	$\frac{583}{2304}$	$\frac{569}{1152}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
129802	1721	3400	$\frac{21}{1700}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1679}{3400}$	$\Phi_{3400}\ \Phi_{680}\ \Phi_{200}\ \Phi_{136}\ \Phi_{40}\ \Phi_{25}\ \Phi_8\ \Phi_1$
129803	1721	3392	$\frac{25}{1696}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1671}{3392}$	$\Phi_{3392}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
129804	1721	3360	$\frac{41}{1680}$	$\frac{1}{40}$	$\frac{39}{80}$	$\frac{1639}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
129805	1721	3360	$\frac{41}{1680}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{1639}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{60}\ \Phi_{32}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
129806	1721	3360	$\frac{41}{1680}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1639}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
129807	1721	2240	$\frac{1}{40}$	$\frac{41}{560}$	$\frac{519}{2240}$	$\frac{39}{80}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
129808	1721	1920	$\frac{1}{40}$	$\frac{199}{1920}$	$\frac{41}{240}$	$\frac{39}{80}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
129809	1721	2320	$\frac{19}{580}$	$\frac{1}{20}$	$\frac{599}{2320}$	$\frac{561}{1160}$	$\Phi_{2320}\ \Phi_{580}\ \Phi_{464}\ \Phi_{290}\ \Phi_{145}\ \Phi_{116}\ \Phi_{80}\ \Phi_{58}\ \Phi_{29}\ \Phi_{16}\ \Phi_1$
129810	1721	3328	$\frac{57}{1664}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1607}{3328}$	$\Phi_{3328}\ \Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
129811	1721	1840	$\frac{4}{115}$	$\frac{119}{1840}$	$\frac{1}{5}$	$\frac{111}{230}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{368}\ \Phi_{184}\ \Phi_{115}\ \Phi_{92}\ \Phi_{80}\ \Phi_{40}\ \Phi_{23}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
129812	1721	1920	$\frac{7}{192}$	$\frac{199}{1920}$	$\frac{1}{8}$	$\frac{185}{384}$	Φ_{1920} Φ_{960} Φ_{640} Φ_{480} Φ_{320} Φ_{240} Φ_{192} Φ_{160} Φ_{120} Φ_{96} Φ_{80} Φ_{64} Φ_{60} Φ_{48} Φ_{40} Φ_{32} Φ_{30} Φ_{24} Φ_{20} Φ_{16} Φ_{15} Φ_{12} Φ_{10} Φ_6 Φ_5 Φ_3 Φ_1
129813	1721	3312	$\frac{65}{1656}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1591}{3312}$	Φ_{3312} Φ_{1104} Φ_{368} Φ_{144} Φ_{72} Φ_{48} Φ_{36} Φ_{24} Φ_{18} Φ_{16} Φ_{12} Φ_9 Φ_6 Φ_3 Φ_1
129814	1721	3300	$\frac{71}{1650}$	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{1579}{3300}$	Φ_{3300} Φ_{1100} Φ_{660} Φ_{300} Φ_{220} Φ_{132} Φ_{100} Φ_{75} Φ_{60} Φ_{44} Φ_{25} Φ_{20} Φ_{15} Φ_{12} Φ_4 Φ_3 Φ_1
129815	1721	1800	$\frac{79}{1800}$	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{71}{150}$	Φ_{1800} Φ_{900} Φ_{600} Φ_{450} Φ_{360} Φ_{300} Φ_{225} Φ_{200} Φ_{180} Φ_{120} Φ_{100} Φ_{90} Φ_{75} Φ_{72} Φ_{60} Φ_{45} Φ_{40} Φ_{36} Φ_{25} Φ_{24} Φ_{20} Φ_{18} Φ_{15} Φ_{12} Φ_9 Φ_8 Φ_4 Φ_3 Φ_1
129816	1721	3264	$\frac{89}{1632}$	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1543}{3264}$	Φ_{3264} Φ_{1088} Φ_{192} Φ_{96} Φ_{64} Φ_{48} Φ_{32} Φ_{24} Φ_{16} Φ_{12} Φ_6 Φ_3 Φ_1
129817	1721	3220	$\frac{4}{115}$	$\frac{111}{1610}$	$\frac{1}{5}$	$\frac{1499}{3220}$	Φ_{3220} Φ_{644} Φ_{460} Φ_{140} Φ_{115} Φ_{92} Φ_{28} Φ_{23} Φ_{20} Φ_4 Φ_1
129818	1721	3200	$\frac{1}{40}$	$\frac{121}{1600}$	$\frac{39}{160}$	$\frac{1479}{3200}$	Φ_{3200} Φ_{640} Φ_{160} Φ_{128} Φ_{80} Φ_{32} Φ_{16} Φ_1
129819	1721	3168	$\frac{7}{144}$	$\frac{137}{1584}$	$\frac{1}{8}$	$\frac{1447}{3168}$	Φ_{3168} Φ_{1056} Φ_{352} Φ_{288} Φ_{144} Φ_{96} Φ_{72} Φ_{48} Φ_{36} Φ_{32} Φ_{24} Φ_{18} Φ_{16} Φ_{12} Φ_9 Φ_6 Φ_3 Φ_1
129820	1721	1792	$\frac{71}{1792}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	Φ_{1792} Φ_{896} Φ_{448} Φ_{256} Φ_{224} Φ_{112} Φ_{64} Φ_{56} Φ_{32} Φ_{28} Φ_{16} Φ_{14} Φ_7 Φ_1
129821	1721	3096	$\frac{1}{86}$	$\frac{173}{1548}$	$\frac{85}{258}$	$\frac{1375}{3096}$	Φ_{3096} Φ_{1032} Φ_{344} Φ_{258} Φ_{129} Φ_{72} Φ_{24} Φ_8 Φ_6 Φ_3 Φ_1
129822	1721	3072	$\frac{7}{192}$	$\frac{185}{1536}$	$\frac{1}{8}$	$\frac{1351}{3072}$	Φ_{3072} Φ_{1024} Φ_{192} Φ_{96} Φ_{64} Φ_{48} Φ_{32} Φ_{24} Φ_{16} Φ_{12} Φ_6 Φ_3 Φ_1
129823	1721	3024	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{209}{1512}$	$\frac{1303}{3024}$	Φ_{3024} Φ_{1008} Φ_{432} Φ_{336} Φ_{216} Φ_{144} Φ_{112} Φ_{108} Φ_{72} Φ_{54} Φ_{48} Φ_{36} Φ_{27} Φ_{24} Φ_{18} Φ_{16} Φ_{12} Φ_9 Φ_6 Φ_3 Φ_1
129824	1721	2408	$\frac{1}{86}$	$\frac{85}{602}$	$\frac{687}{2408}$	$\frac{517}{1204}$	Φ_{2408} Φ_{602} Φ_{344} Φ_{301} Φ_{56} Φ_{14} Φ_8 Φ_7 Φ_1
129825	1721	1750	$\frac{29}{1750}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	Φ_{1750} Φ_{875} Φ_{350} Φ_{250} Φ_{175} Φ_{125} Φ_{70} Φ_{35} Φ_{25} Φ_{14} Φ_7 Φ_1
129826	1721	2880	$\frac{7}{288}$	$\frac{1}{8}$	$\frac{281}{1440}$	$\frac{1159}{2880}$	Φ_{2880} Φ_{960} Φ_{576} Φ_{320} Φ_{288} Φ_{192} Φ_{144} Φ_{96} Φ_{72} Φ_{64} Φ_{48} Φ_{36} Φ_{32} Φ_{24} Φ_{18} Φ_{16} Φ_{12} Φ_9 Φ_6 Φ_3 Φ_1
129827	1721	1920	$\frac{1}{40}$	$\frac{199}{1920}$	$\frac{39}{160}$	$\frac{121}{320}$	Φ_{1920} Φ_{960} Φ_{640} Φ_{480} Φ_{384} Φ_{240} Φ_{192} Φ_{160} Φ_{128} Φ_{120} Φ_{96} Φ_{80} Φ_{60} Φ_{48} Φ_{32} Φ_{30} Φ_{24} Φ_{16} Φ_{15} Φ_{12} Φ_6 Φ_3 Φ_1
129828	1721	2760	$\frac{4}{345}$	$\frac{1}{5}$	$\frac{341}{1380}$	$\frac{1039}{2760}$	Φ_{2760} Φ_{920} Φ_{552} Φ_{345} Φ_{184} Φ_{120} Φ_{115} Φ_{69} Φ_{40} Φ_{24} Φ_{23} Φ_{15} Φ_8 Φ_3 Φ_1
129829	1721	1740	$\frac{19}{1740}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	Φ_{1740} Φ_{870} Φ_{580} Φ_{435} Φ_{348} Φ_{290} Φ_{174} Φ_{145} Φ_{116} Φ_{87} Φ_{60} Φ_{58} Φ_{29} Φ_{20} Φ_{15} Φ_{12} Φ_4 Φ_3 Φ_1
129830	1721	2640	$\frac{1}{40}$	$\frac{39}{440}$	$\frac{401}{1320}$	$\frac{919}{2640}$	Φ_{2640} Φ_{880} Φ_{528} Φ_{440} Φ_{240} Φ_{220} Φ_{176} Φ_{110} Φ_{88} Φ_{80} Φ_{55} Φ_{48} Φ_{44} Φ_{22} Φ_{16} Φ_{11} Φ_1
129831	1721	1800	$\frac{79}{1800}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{41}{120}$	Φ_{1800} Φ_{900} Φ_{600} Φ_{450} Φ_{360} Φ_{300} Φ_{225} Φ_{200} Φ_{180} Φ_{150} Φ_{100} Φ_{90} Φ_{75} Φ_{72} Φ_{60} Φ_{50} Φ_{45} Φ_{36} Φ_{30} Φ_{25} Φ_{18} Φ_{15} Φ_{12} Φ_9 Φ_6 Φ_3 Φ_1
129832	1721	2592	$\frac{7}{432}$	$\frac{1}{8}$	$\frac{425}{1296}$	$\frac{871}{2592}$	Φ_{2592} Φ_{864} Φ_{432} Φ_{288} Φ_{216} Φ_{144} Φ_{108} Φ_{96} Φ_{72} Φ_{54} Φ_{48} Φ_{36} Φ_{32} Φ_{27} Φ_{24} Φ_{18} Φ_{16} Φ_{12} Φ_9 Φ_6 Φ_3 Φ_1
129833	1721	2064	$\frac{1}{86}$	$\frac{343}{2064}$	$\frac{85}{258}$	$\frac{173}{516}$	Φ_{2064} Φ_{1032} Φ_{688} Φ_{344} Φ_{258} Φ_{129} Φ_{48} Φ_{24} Φ_{16} Φ_8 Φ_6 Φ_3 Φ_1
129834	1721	2580	$\frac{1}{215}$	$\frac{214}{645}$	$\frac{859}{2580}$	$\frac{431}{1290}$	Φ_{2580} Φ_{860} Φ_{645} Φ_{516} Φ_{172} Φ_{129} Φ_{60} Φ_{20} Φ_{15} Φ_{12} Φ_4 Φ_3 Φ_1
129835	1721	2322	$\frac{1}{86}$	$\frac{173}{774}$	$\frac{601}{2322}$	$\frac{85}{258}$	Φ_{2322} Φ_{1161} Φ_{258} Φ_{129} Φ_{54} Φ_{27} Φ_6 Φ_3 Φ_1
129836	1721	2565	$\frac{11}{855}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{844}{2565}$	Φ_{2565} Φ_{513} Φ_{135} Φ_{27} Φ_{15} Φ_3 Φ_1
129837	1721	2550	$\frac{21}{850}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{829}{2550}$	Φ_{2550} Φ_{1275} Φ_{510} Φ_{255} Φ_{150} Φ_{102} Φ_{75} Φ_{51} Φ_{30} Φ_{25} Φ_{15} Φ_6 Φ_3 Φ_1
129838	1721	2520	$\frac{41}{840}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{799}{2520}$	Φ_{2520} Φ_{1260} Φ_{630} Φ_{504} Φ_{360} Φ_{315} Φ_{252} Φ_{180} Φ_{126} Φ_{90} Φ_{72} Φ_{63} Φ_{60} Φ_{45} Φ_{36} Φ_{30} Φ_{18} Φ_{15} Φ_{12} Φ_9 Φ_6 Φ_3 Φ_1
129839	1721	2100	$\frac{1}{20}$	$\frac{41}{420}$	$\frac{379}{2100}$	$\frac{19}{60}$	Φ_{2100} Φ_{1050} Φ_{700} Φ_{525} Φ_{350} Φ_{300} Φ_{175} Φ_{150} Φ_{100} Φ_{75} Φ_{60} Φ_{50} Φ_{30} Φ_{25} Φ_{15} Φ_{12} Φ_6 Φ_3 Φ_1
129840	1721	1920	$\frac{1}{20}$	$\frac{199}{1920}$	$\frac{41}{240}$	$\frac{19}{60}$	Φ_{1920} Φ_{960} Φ_{640} Φ_{480} Φ_{384} Φ_{320} Φ_{192} Φ_{160} Φ_{128} Φ_{96} Φ_{64} Φ_{60} Φ_{32} Φ_{30} Φ_{15} Φ_{12} Φ_6 Φ_3 Φ_1

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
129841	1721	2496	$\frac{57}{832}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{775}{2496}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{192}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{64}\ \Phi_{48}\ \Phi_{39}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
129842	1721	2475	$\frac{4}{75}$	$\frac{71}{825}$	$\frac{1}{5}$	$\frac{754}{2475}$	$\Phi_{2475}\ \Phi_{495}\ \Phi_{225}\ \Phi_{99}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
129843	1721	2415	$\frac{4}{115}$	$\frac{111}{805}$	$\frac{1}{5}$	$\frac{694}{2415}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{345}\ \Phi_{115}\ \Phi_{105}\ \Phi_{69}\ \Phi_{23}\ \Phi_{21}\ \Phi_{15}\ \Phi_3\ \Phi_1$
129844	1721	2400	$\frac{1}{40}$	$\frac{121}{800}$	$\frac{39}{160}$	$\frac{679}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{160}\ \Phi_{150}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
129845	1721	2280	$\frac{11}{570}$	$\frac{1}{5}$	$\frac{559}{2280}$	$\frac{4}{15}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{456}\ \Phi_{380}\ \Phi_{228}\ \Phi_{152}\ \Phi_{120}\ \Phi_{76}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
129846	1721	1755	$\frac{34}{1755}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}\ \Phi_{117}\ \Phi_{65}\ \Phi_{39}\ \Phi_{27}\ \Phi_{15}\ \Phi_{13}\ \Phi_3\ \Phi_1$
129847	1721	1995	$\frac{11}{285}$	$\frac{274}{1995}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{133}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_3\ \Phi_1$
129848	1721	1800	$\frac{79}{1800}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
129849	1721	2304	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{185}{768}$	$\frac{583}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
129850	1721	1800	$\frac{79}{1800}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
129851	1721	2125	$\frac{21}{425}$	$\frac{4}{25}$	$\frac{404}{2125}$	$\frac{1}{5}$	$\Phi_{2125}\ \Phi_{125}\ \Phi_{25}\ \Phi_1$
129852	1721	1920	$\frac{199}{1920}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{240}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
129853	1721	2016	$\frac{41}{336}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{295}{2016}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
129854	1722	2860	$\frac{1}{286}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{285}{572}$	$\Phi_{2860}\ \Phi_{572}^2\ \Phi_{260}\ \Phi_{220}\ \Phi_{52}^2\ \Phi_{44}^2\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
129855	1722	1716	$\frac{1}{286}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{285}{572}$	$\Phi_{1716}\ \Phi_{858}^2\ \Phi_{429}^2\ \Phi_{156}\ \Phi_{132}\ \Phi_{78}^2\ \Phi_{66}^2\ \Phi_{39}^2\ \Phi_{33}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
129856	1722	2940	$\frac{1}{245}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{122}{245}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{49}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
129857	1722	2205	$\frac{1}{245}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{122}{245}$	$\Phi_{2205}\ \Phi_{441}\ \Phi_{315}\ \Phi_{245}\ \Phi_{63}\ \Phi_{49}\ \Phi_{45}\ \Phi_{35}\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
129858	1722	3990	$\frac{2}{285}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{283}{570}$	$\Phi_{3990}\ \Phi_{1330}\ \Phi_{798}\ \Phi_{266}\ \Phi_{210}\ \Phi_{70}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
129859	1722	1140	$\frac{2}{285}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{283}{570}$	$\Phi_{1140}^2\ \Phi_{380}^2\ \Phi_{285}^2\ \Phi_{228}^2\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{60}^2\ \Phi_{57}^2\ \Phi_{20}^3\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
129860	1722	3172	$\frac{1}{122}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{121}{244}$	$\Phi_{3172}\ \Phi_{244}^2\ \Phi_{52}\ \Phi_{13}\ \Phi_4^2\ \Phi_1^2$
129861	1722	1464	$\frac{1}{122}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{121}{244}$	$\Phi_{1464}^2\ \Phi_{732}\ \Phi_{366}^2\ \Phi_{183}^2\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
129862	1722	1380	$\frac{1}{115}$	$\frac{58}{345}$	$\frac{1}{4}$	$\frac{57}{115}$	$\Phi_{1380}^2\ \Phi_{690}^2\ \Phi_{460}\ \Phi_{276}^2\ \Phi_{230}\ \Phi_{138}^2\ \Phi_{92}\ \Phi_{60}^2\ \Phi_{46}\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6^2$
129863	1722	2688	$\frac{1}{96}$	$\frac{1}{7}$	$\frac{97}{384}$	$\frac{95}{192}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
129864	1722	3976	$\frac{3}{284}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{281}{568}$	$\Phi_{3976}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
129865	1722	3240	$\frac{1}{81}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{40}{81}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{81}\ \Phi_{72}\ \Phi_{40}^2\ \Phi_{27}\ \Phi_{24}\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
129866	1722	810	$\frac{1}{81}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{40}{81}$	$\Phi_{810}^2\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{162}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{81}^3\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}^3\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_9^3\ \Phi_6^2\ \Phi_5^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
129867	1722	648	$\frac{1}{81}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{40}{81}$	$\Phi_{648}^3\ \Phi_{324}^2\ \Phi_{216}^3\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^3\ \Phi_{72}^3\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
129868	1722	2025	$\frac{1}{81}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{40}{81}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{225}\ \Phi_{81}\ \Phi_{75}\ \Phi_{27}\ \Phi_{25}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
129869	1722	1721	$\frac{29}{1721}$	$\frac{125}{1721}$	$\frac{532}{1721}$	$\frac{846}{1721}$	$\Phi_{1721}\ \Phi_1^2$
129870	1722	3948	$\frac{5}{282}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{277}{564}$	$\Phi_{3948}\ \Phi_{1316}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
129871	1722	1976	$\frac{5}{247}$	$\frac{1}{8}$	$\frac{42}{247}$	$\frac{121}{247}$	$\Phi_{1976}\ \Phi_{988}\ \Phi_{494}\ \Phi_{152}\ \Phi_{104}\ \Phi_{76}\ \Phi_{52}\ \Phi_{38}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
129872	1722	1721	$\frac{37}{1721}$	$\frac{204}{1721}$	$\frac{293}{1721}$	$\frac{842}{1721}$	$\Phi_{1721}\ \Phi_1^2$
129873	1722	2300	$\frac{13}{575}$	$\frac{42}{575}$	$\frac{1}{4}$	$\frac{281}{575}$	$\Phi_{2300}\ \Phi_{1150}\ \Phi_{460}\ \Phi_{230}\ \Phi_{100}\ \Phi_{92}\ \Phi_{50}\ \Phi_{46}\ \Phi_{20}\ \Phi_{10}$
129874	1722	3280	$\frac{1}{41}$	$\frac{1}{40}$	$\frac{39}{80}$	$\frac{20}{41}$	$\Phi_{3280}\ \Phi_{656}\ \Phi_{80}^2\ \Phi_{41}\ \Phi_{16}^2\ \Phi_1^2$
129875	1722	2460	$\frac{1}{41}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{20}{41}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{615}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{60}^2\ \Phi_{41}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
129876	1722	1804	$\frac{1}{41}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{20}{41}$	$\Phi_{1804}\ \Phi_{902}\ \Phi_{451}\ \Phi_{44}^2\ \Phi_{41}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_1^2$
129877	1722	1845	$\frac{1}{41}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{20}{41}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{369}\ \Phi_{123}\ \Phi_{45}^2\ \Phi_{41}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
129878	1722	2050	$\frac{1}{41}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{20}{41}$	$\Phi_{2050}\ \Phi_{1025}\ \Phi_{50}^2\ \Phi_{41}\ \Phi_{25}^2\ \Phi_1^2$
129879	1722	1968	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{20}{41}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{48}^2\ \Phi_{41}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
129880	1722	2640	$\frac{1}{40}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{2640}^2\ \Phi_{528}^2\ \Phi_{240}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_6$
129881	1722	3280	$\frac{1}{40}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{39}{80}$	$\Phi_{3280}\ \Phi_{656}\ \Phi_{80}^2\ \Phi_{41}\ \Phi_{16}^2\ \Phi_1^2$
129882	1722	240	$\frac{1}{40}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{39}{80}$	$\Phi_{240}^{15}\ \Phi_{80}^{12}\ \Phi_{60}\ \Phi_{48}^{15}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}^{12}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
129883	1722	3280	$\frac{1}{40}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{39}{80}$	$\Phi_{3280}\ \Phi_{656}\ \Phi_{80}^2\ \Phi_{41}\ \Phi_{16}^2\ \Phi_1^2$
129884	1722	560	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{39}{80}$	$\Phi_{560}^7\ \Phi_{112}^7\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
129885	1722	3906	$\frac{8}{279}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{271}{558}$	$\Phi_{3906}\ \Phi_{1302}\ \Phi_{434}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
129886	1722	2240	$\frac{1}{32}$	$\frac{33}{320}$	$\frac{1}{7}$	$\frac{31}{64}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
129887	1722	552	$\frac{11}{276}$	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{265}{552}$	$\Phi_{552}^6\ \Phi_{184}^6\ \Phi_{92}\ \Phi_{46}\ \Phi_{24}^6\ \Phi_8^6$
129888	1722	3864	$\frac{11}{276}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{265}{552}$	$\Phi_{3864}\ \Phi_{1288}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
129889	1722	300	$\frac{1}{25}$	$\frac{13}{300}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^5\ \Phi_{75}^6\ \Phi_{60}^6\ \Phi_{50}^5\ \Phi_{30}^6\ \Phi_{25}^6\ \Phi_{20}^5\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_6^6\ \Phi_5^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
129890	1722	1196	$\frac{12}{299}$	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{1196}^2\ \Phi_{598}^2\ \Phi_{92}\ \Phi_{52}^2\ \Phi_{46}\ \Phi_{26}^2$
129891	1722	1100	$\frac{1}{25}$	$\frac{12}{275}$	$\frac{1}{4}$	$\frac{263}{550}$	$\Phi_{1100}^2\ \Phi_{275}^2\ \Phi_{220}^2\ \Phi_{100}^3\ \Phi_{55}^2\ \Phi_{50}\ \Phi_{44}^2\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{11}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
129892	1722	840	$\frac{1}{42}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{168}^4\ \Phi_{120}^3\ \Phi_{56}^4\ \Phi_{42}^2\ \Phi_{40}^4\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_8^4\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
129893	1722	1080	$\frac{1}{27}$	$\frac{1}{20}$	$\frac{13}{54}$	$\frac{19}{40}$	$\Phi_{1080}^3\ \Phi_{360}^3\ \Phi_{216}^3\ \Phi_{120}^3\ \Phi_{72}^3\ \Phi_{54}^2\ \Phi_{40}^4\ \Phi_{27}\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_9\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
129894	1722	360	$\frac{1}{20}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{19}{40}$	$\Phi_{360}^9\ \Phi_{120}^9\ \Phi_{72}^9\ \Phi_{45}^2\ \Phi_{40}^{10}\ \Phi_{24}^9\ \Phi_{15}^2\ \Phi_9\ \Phi_8^{10}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
129895	1722	3354	$\frac{1}{43}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{3354}\ \Phi_{1118}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}$
129896	1722	312	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{37}{78}$	$\Phi_{312}^6\ \Phi_{156}^6\ \Phi_{104}^7\ \Phi_{52}^7\ \Phi_{39}^6\ \Phi_{26}\ \Phi_{24}^6\ \Phi_{13}^6\ \Phi_{12}^6\ \Phi_8^6\ \Phi_4^6\ \Phi_3^6\ \Phi_1^6$
129897	1722	1064	$\frac{1}{19}$	$\frac{10}{133}$	$\frac{1}{8}$	$\frac{9}{19}$	$\Phi_{1064}^2\ \Phi_{532}^2\ \Phi_{266}^2\ \Phi_{152}\ \Phi_{76}\ \Phi_{56}^2\ \Phi_{38}\ \Phi_{28}^2\ \Phi_{14}^2$
129898	1722	3808	$\frac{15}{272}$	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{257}{544}$	$\Phi_{3808}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
129899	1722	3780	$\frac{1}{18}$	$\frac{17}{270}$	$\frac{1}{7}$	$\frac{253}{540}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{420}\ \Phi_{252}\ \Phi_{140}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
129900	1722	2408	$\frac{1}{43}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{2408}\ \Phi_{602}\ \Phi_{344}\ \Phi_{301}\ \Phi_{86}$
129901	1722	793	$\frac{1}{61}$	$\frac{1}{13}$	$\frac{20}{61}$	$\frac{6}{13}$	$\Phi_{793}^2\ \Phi_{61}^4\ \Phi_{13}^3\ \Phi_1^6$
129902	1722	1092	$\frac{1}{42}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{1092}^2\ \Phi_{546}\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}^2\ \Phi_{91}\ \Phi_{84}^4\ \Phi_{78}\ \Phi_{52}\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_{12}^4\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
129903	1722	520	$\frac{7}{130}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{6}{13}$	$\Phi_{520}^4\ \Phi_{260}^4\ \Phi_{130}^2\ \Phi_{104}^3\ \Phi_{65}^2\ \Phi_{52}^3\ \Phi_{40}^4\ \Phi_{26}\ \Phi_{20}^4\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
129904	1722	152	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{1}{8}$	$\frac{35}{76}$	$\Phi_{152}^{13}\ \Phi_{76}^7\ \Phi_{38}^{13}\ \Phi_{19}^{12}\ \Phi_8^{12}\ \Phi_4^6\ \Phi_2^{12}\ \Phi_1^{12}$
129905	1722	3696	$\frac{1}{24}$	$\frac{23}{264}$	$\frac{1}{7}$	$\frac{241}{528}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
129906	1722	1721	$\frac{23}{1721}$	$\frac{165}{1721}$	$\frac{566}{1721}$	$\frac{778}{1721}$	$\Phi_{1721}\ \Phi_1^2$
129907	1722	1806	$\frac{1}{42}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{602}\ \Phi_{301}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}$
129908	1722	3584	$\frac{1}{32}$	$\frac{31}{256}$	$\frac{1}{7}$	$\frac{225}{512}$	$\Phi_{3584}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
129909	1722	3096	$\frac{1}{43}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{3096}\ \Phi_{1032}\ \Phi_{344}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}$
129910	1722	504	$\frac{1}{36}$	$\frac{5}{36}$	$\frac{1}{7}$	$\frac{31}{72}$	$\Phi_{504}^7\ \Phi_{252}\ \Phi_{168}^7\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}^7\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
129911	1722	1721	$\frac{34}{1721}$	$\frac{241}{1721}$	$\frac{327}{1721}$	$\frac{740}{1721}$	$\Phi_{1721}\ \Phi_1^2$
129912	1722	2300	$\frac{8}{575}$	$\frac{81}{575}$	$\frac{1}{4}$	$\frac{247}{575}$	$\Phi_{2300}\ \Phi_{1150}\ \Phi_{460}\ \Phi_{230}\ \Phi_{100}\ \Phi_{92}\ \Phi_{50}\ \Phi_{46}\ \Phi_{20}\ \Phi_{10}$
129913	1722	372	$\frac{1}{124}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{372}^5\ \Phi_{186}^5\ \Phi_{124}^4\ \Phi_{93}^5\ \Phi_{62}^4\ \Phi_{31}^4\ \Phi_{12}^3\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
129914	1722	2940	$\frac{2}{245}$	$\frac{1}{6}$	$\frac{81}{245}$	$\frac{5}{12}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{84}\ \Phi_{60}\ \Phi_{49}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
129915	1722	996	$\frac{1}{83}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{996}\ \Phi_{498}^2\ \Phi_{332}^2\ \Phi_{249}^2\ \Phi_{166}^3\ \Phi_{83}^2$
129916	1722	1500	$\frac{2}{125}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1500}^2\ \Phi_{500}^2\ \Phi_{300}^2\ \Phi_{125}^2\ \Phi_{100}^2\ \Phi_{60}\ \Phi_{25}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
129917	1722	588	$\frac{1}{49}$	$\frac{8}{49}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{588}^5\ \Phi_{196}^5\ \Phi_{84}^5\ \Phi_{49}^5\ \Phi_{28}^5\ \Phi_{12}^6\ \Phi_7^5\ \Phi_4^6\ \Phi_1^6$
129918	1722	2064	$\frac{1}{43}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{688}\ \Phi_{344}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}$
129919	1722	84	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{84}^{35}\ \Phi_{42}^6\ \Phi_{28}^{35}\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{12}^{36}\ \Phi_7^5\ \Phi_6^6\ \Phi_4^{36}\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
129920	1722	420	$\frac{1}{35}$	$\frac{17}{140}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}^3\ \Phi_{210}^4\ \Phi_{140}^5\ \Phi_{105}^4\ \Phi_{84}^3\ \Phi_{70}^6\ \Phi_{60}^3\ \Phi_{42}^4\ \Phi_{35}^5\ \Phi_{30}^4\ \Phi_{28}^5\ \Phi_{21}^4\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{14}^6\ \Phi_{12}^4\ \Phi_{10}^6\ \Phi_7^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^6$
129921	1722	3010	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{3010}\ \Phi_{602}\ \Phi_{430}\ \Phi_{301}\ \Phi_{86}$
129922	1722	3360	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{47}{240}$	$\frac{193}{480}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
129923	1722	2145	$\frac{1}{143}$	$\frac{1}{5}$	$\frac{142}{429}$	$\frac{2}{5}$	$\Phi_{2145}\ \Phi_{429}^2\ \Phi_{195}\ \Phi_{165}\ \Phi_{39}^2\ \Phi_{33}^2\ \Phi_{15}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
129924	1722	620	$\frac{1}{124}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{620}^3\ \Phi_{310}^3\ \Phi_{155}^3\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
129925	1722	580	$\frac{3}{290}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{580}^4\ \Phi_{290}^2\ \Phi_{145}^2\ \Phi_{116}^4\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
129926	1722	715	$\frac{3}{143}$	$\frac{20}{143}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{715}^2\ \Phi_{143}^4\ \Phi_{65}^2\ \Phi_{55}^2\ \Phi_{13}^4\ \Phi_{11}^4\ \Phi_5^3\ \Phi_1^6$
129927	1722	840	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}^4\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}^4\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{56}^4\ \Phi_{42}^2\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
129928	1722	1485	$\frac{10}{297}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}^2\ \Phi_{165}\ \Phi_{135}\ \Phi_{99}^2\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
129929	1722	1560	$\frac{1}{26}$	$\frac{25}{312}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}^2\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{120}\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{40}\ \Phi_{39}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
129930	1722	1495	$\frac{12}{299}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1495}\ \Phi_{299}^2\ \Phi_{115}\ \Phi_{23}^2\ \Phi_5\ \Phi_1^2$
129931	1722	220	$\frac{1}{22}$	$\frac{3}{44}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{220}^7\ \Phi_{110}^6\ \Phi_{55}^6\ \Phi_{44}^{14}\ \Phi_{22}^{12}\ \Phi_{20}^7\ \Phi_{11}^{12}\ \Phi_{10}^6\ \Phi_5^7\ \Phi_4^{14}\ \Phi_2^{12}\ \Phi_1^{14}$
129932	1722	460	$\frac{1}{115}$	$\frac{57}{230}$	$\frac{1}{4}$	$\frac{173}{460}$	$\Phi_{460}^3\ \Phi_{230}^5\ \Phi_{115}^4\ \Phi_{92}^3\ \Phi_{46}^5\ \Phi_{23}^4\ \Phi_{20}^3\ \Phi_{10}^5\ \Phi_5^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
129933	1722	1920	$\frac{5}{128}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
129934	1722	1721	$\frac{27}{1721}$	$\frac{242}{1721}$	$\frac{493}{1721}$	$\frac{614}{1721}$	$\Phi_{1721}\ \Phi_1^2$
129935	1722	1806	$\frac{1}{42}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{602}\ \Phi_{301}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}$
129936	1722	930	$\frac{1}{31}$	$\frac{1}{15}$	$\frac{10}{31}$	$\frac{21}{62}$	$\Phi_{930}^3\ \Phi_{465}\ \Phi_{310}^3\ \Phi_{186}^3\ \Phi_{155}\ \Phi_{93}\ \Phi_{30}^3\ \Phi_{10}^3\ \Phi_6^3$
129937	1722	1721	$\frac{38}{1721}$	$\frac{163}{1721}$	$\frac{561}{1721}$	$\frac{580}{1721}$	$\Phi_{1721}\ \Phi_1^2$
129938	1722	1976	$\frac{4}{247}$	$\frac{1}{8}$	$\frac{81}{247}$	$\frac{83}{247}$	$\Phi_{1976}\ \Phi_{988}\ \Phi_{494}\ \Phi_{152}\ \Phi_{104}\ \Phi_{76}\ \Phi_{52}\ \Phi_{38}\ \Phi_{26}$
129939	1722	3024	$\frac{1}{72}$	$\frac{1}{7}$	$\frac{71}{216}$	$\frac{145}{432}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
129940	1722	1116	$\frac{1}{124}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{372}\ \Phi_{279}^2\ \Phi_{186}\ \Phi_{93}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
129941	1722	1716	$\frac{1}{143}$	$\frac{1}{4}$	$\frac{142}{429}$	$\frac{1}{3}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}^2\ \Phi_{286}^2\ \Phi_{156}\ \Phi_{132}\ \Phi_{78}\ \Phi_{66}\ \Phi_{52}^2\ \Phi_{44}^2\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
129942	1722	2205	$\frac{2}{245}$	$\frac{2}{9}$	$\frac{81}{245}$	$\frac{1}{3}$	$\Phi_{2205}\ \Phi_{441}\ \Phi_{315}\ \Phi_{245}\ \Phi_{63}\ \Phi_{49}\ \Phi_{45}\ \Phi_{35}\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
129943	1722	1464	$\frac{1}{61}$	$\frac{1}{8}$	$\frac{20}{61}$	$\frac{1}{3}$	$\Phi_{1464}^2\ \Phi_{732}^2\ \Phi_{366}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3$
129944	1722	2586	$\frac{19}{862}$	$\frac{83}{862}$	$\frac{281}{862}$	$\frac{1}{3}$	$\Phi_{2586}\ \Phi_{1293}\ \Phi_6$
129945	1722	660	$\frac{1}{22}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^4\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^4\ \Phi_{66}^3\ \Phi_{60}\ \Phi_{55}^4\ \Phi_{44}^4\ \Phi_{33}^3\ \Phi_{30}\ \Phi_{22}^4\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}^4\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
129946	1722	210	$\frac{1}{42}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{210}^8\ \Phi_{105}^8\ \Phi_{70}^8\ \Phi_{42}^{10}\ \Phi_{35}^8\ \Phi_{30}^6\ \Phi_{21}^{10}\ \Phi_{15}^6\ \Phi_{14}^{10}\ \Phi_{10}^8\ \Phi_7^{10}\ \Phi_6^8\ \Phi_5^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
129947	1722	2586	$\frac{15}{862}$	$\frac{121}{862}$	$\frac{247}{862}$	$\frac{1}{3}$	$\Phi_{2586}\ \Phi_{1293}\ \Phi_6$
129948	1722	2988	$\frac{1}{83}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2988}\ \Phi_{1494}\ \Phi_{332}\ \Phi_{166}$
129949	1722	1716	$\frac{3}{143}$	$\frac{20}{143}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1716}^2\ \Phi_{858}^2\ \Phi_{156}^2\ \Phi_{132}^2\ \Phi_{78}^2\ \Phi_{66}^2\ \Phi_{12}^3\ \Phi_6^3$
129950	1722	168	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^{12}\ \Phi_{84}^8\ \Phi_{56}^{12}\ \Phi_{42}^{10}\ \Phi_{28}^8\ \Phi_{24}^9\ \Phi_{21}^{10}\ \Phi_{14}^{10}\ \Phi_{12}^6\ \Phi_8^{12}\ \Phi_7^{10}\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
129951	1722	1188	$\frac{10}{297}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{108}^2\ \Phi_{66}\ \Phi_{54}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
129952	1722	312	$\frac{1}{26}$	$\frac{25}{312}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{312}^6\ \Phi_{156}^4\ \Phi_{104}^6\ \Phi_{78}^5\ \Phi_{52}^6\ \Phi_{39}^5\ \Phi_{26}^6\ \Phi_{24}^6\ \Phi_{13}^6\ \Phi_{12}^5\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
129953	1722	3588	$\frac{12}{299}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3588}\ \Phi_{1794}\ \Phi_{276}\ \Phi_{138}\ \Phi_{12}\ \Phi_6$
129954	1722	132	$\frac{1}{22}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^{19}\ \Phi_{66}^{20}\ \Phi_{33}^{20}\ \Phi_{12}^{20}\ \Phi_6^{21}\ \Phi_3^{20}$
129955	1722	1125	$\frac{2}{125}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1125}^2\ \Phi_{225}^2\ \Phi_{125}^2\ \Phi_{45}\ \Phi_{25}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
129956	1722	441	$\frac{1}{49}$	$\frac{8}{49}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{441}^5\ \Phi_{63}^5\ \Phi_{49}^5\ \Phi_9^6\ \Phi_7^5\ \Phi_1^6$
129957	1722	126	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{126}^{18}\ \Phi_{63}^{17}\ \Phi_{42}^6\ \Phi_{21}^6\ \Phi_{18}^{18}\ \Phi_{14}^6\ \Phi_9^{18}\ \Phi_7^5\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
129958	1722	1260	$\frac{1}{35}$	$\frac{17}{140}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
129959	1722	1050	$\frac{1}{42}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{25}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
129960	1722	990	$\frac{1}{22}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
129961	1722	1650	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{1650}^2\ \Phi_{825}^2\ \Phi_{150}\ \Phi_{75}\ \Phi_{66}\ \Phi_{33}\ \Phi_6$
129962	1722	2394	$\frac{2}{57}$	$\frac{1}{7}$	$\frac{55}{342}$	$\frac{1}{3}$	$\Phi_{2394}\ \Phi_{1197}\ \Phi_{798}\ \Phi_{266}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
129963	1722	528	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{528}^4\ \Phi_{264}^2\ \Phi_{176}^4\ \Phi_{132}^2\ \Phi_{88}^4\ \Phi_{66}^3\ \Phi_{48}^2\ \Phi_{44}^4\ \Phi_{33}^3\ \Phi_{24}\ \Phi_{22}^4\ \Phi_{16}^2\ \Phi_{12}\ \Phi_{11}^4\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
129964	1722	2100	$\frac{13}{300}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{140}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
129965	1722	3420	$\frac{4}{285}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{281}{855}$	$\Phi_{3420}\ \Phi_{1710}\ \Phi_{684}\ \Phi_{342}\ \Phi_{180}\ \Phi_{90}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}$
129966	1722	2484	$\frac{1}{23}$	$\frac{47}{621}$	$\frac{1}{4}$	$\frac{22}{69}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{828}\ \Phi_{414}\ \Phi_{108}\ \Phi_{92}\ \Phi_{54}\ \Phi_{46}\ \Phi_{36}\ \Phi_{18}$
129967	1722	2460	$\frac{2}{41}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{13}{41}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{615}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{60}^2\ \Phi_{41}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
129968	1722	1804	$\frac{2}{41}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{13}{41}$	$\Phi_{1804}\ \Phi_{902}\ \Phi_{451}\ \Phi_{44}^2\ \Phi_{41}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_1^2$
129969	1722	1845	$\frac{2}{41}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{13}{41}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{369}\ \Phi_{123}\ \Phi_{45}^2\ \Phi_{41}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
129970	1722	2050	$\frac{2}{41}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{13}{41}$	$\Phi_{2050}\ \Phi_{1025}\ \Phi_{50}^2\ \Phi_{41}\ \Phi_{25}^2\ \Phi_1^2$
129971	1722	1968	$\frac{2}{41}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{13}{41}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{48}^2\ \Phi_{41}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
129972	1722	60	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{19}{60}$	$\Phi_{60}^{28}\ \Phi_{30}^{28}\ \Phi_{20}^{31}\ \Phi_{15}^{27}\ \Phi_{12}^{28}\ \Phi_{10}^{31}\ \Phi_6^{28}\ \Phi_5^{30}\ \Phi_4^{30}\ \Phi_3^{27}\ \Phi_2^{30}\ \Phi_1^{30}$
129973	1722	2460	$\frac{1}{20}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{19}{60}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{615}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{60}^2\ \Phi_{41}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
129974	1722	840	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{19}{60}$	$\Phi_{840}^4\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{168}^4\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{56}\ \Phi_{42}^3\ \Phi_{28}\ \Phi_{21}^3\ \Phi_{14}$
129975	1722	760	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{13}{95}$	$\frac{6}{19}$	$\Phi_{760}^3\ \Phi_{380}^3\ \Phi_{190}^3\ \Phi_{152}\ \Phi_{76}\ \Phi_{40}^3\ \Phi_{38}\ \Phi_{20}^3\ \Phi_{10}^3$
129976	1722	2268	$\frac{1}{18}$	$\frac{37}{324}$	$\frac{1}{7}$	$\frac{17}{54}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
129977	1722	728	$\frac{1}{13}$	$\frac{9}{91}$	$\frac{1}{8}$	$\frac{4}{13}$	$\Phi_{728}^3\ \Phi_{364}^3\ \Phi_{182}^3\ \Phi_{104}\ \Phi_{56}^3\ \Phi_{52}\ \Phi_{28}^3\ \Phi_{26}\ \Phi_{14}^3$
129978	1722	828	$\frac{1}{23}$	$\frac{11}{138}$	$\frac{1}{4}$	$\frac{127}{414}$	$\Phi_{828}^4\ \Phi_{414}^2\ \Phi_{207}^2\ \Phi_{92}\ \Phi_{46}\ \Phi_{36}^4\ \Phi_{18}^2\ \Phi_{9}^2$
129979	1722	3300	$\frac{1}{25}$	$\frac{24}{275}$	$\frac{1}{4}$	$\frac{251}{825}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{660}\ \Phi_{330}\ \Phi_{300}\ \Phi_{150}\ \Phi_{132}\ \Phi_{100}\ \Phi_{66}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
129980	1722	270	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{13}{54}$	$\frac{3}{10}$	$\Phi_{270}^6\ \Phi_{135}^6\ \Phi_{90}^6\ \Phi_{54}^8\ \Phi_{45}^6\ \Phi_{30}^6\ \Phi_{27}^7\ \Phi_{18}^8\ \Phi_{15}^6\ \Phi_{10}^8\ \Phi_{9}^7\ \Phi_{6}^8\ \Phi_{5}^8\ \Phi_{3}^7\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
129981	1722	90	$\frac{4}{45}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{3}{10}$	$\Phi_{90}^{18}\ \Phi_{45}^{20}\ \Phi_{30}^{18}\ \Phi_{18}^{18}\ \Phi_{15}^{20}\ \Phi_{10}^{20}\ \Phi_{9}^{19}\ \Phi_{6}^{18}\ \Phi_{5}^{22}\ \Phi_{3}^{19}\ \Phi_{2}^{20}\ \Phi_{1}^{22}$
129982	1722	936	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{8}$	$\frac{35}{117}$	$\Phi_{936}^3\ \Phi_{468}^3\ \Phi_{234}^3\ \Phi_{104}\ \Phi_{72}^3\ \Phi_{52}\ \Phi_{36}^3\ \Phi_{26}\ \Phi_{18}^3$
129983	1722	456	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{3}{19}$	$\frac{16}{57}$	$\Phi_{456}^6\ \Phi_{228}^6\ \Phi_{152}\ \Phi_{114}^6\ \Phi_{76}\ \Phi_{38}\ \Phi_{24}^6\ \Phi_{12}^6\ \Phi_{6}^6$
129984	1722	2322	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{2322}\ \Phi_{1161}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}$
129985	1722	2340	$\frac{11}{585}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{468}\ \Phi_{390}\ \Phi_{260}\ \Phi_{234}\ \Phi_{180}\ \Phi_{156}\ \Phi_{130}\ \Phi_{90}\ \Phi_{78}\ \Phi_{52}\ \Phi_{36}\ \Phi_{26}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}$
129986	1722	2688	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{31}{128}$	$\frac{97}{384}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
129987	1722	660	$\frac{1}{15}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{110}^3\ \Phi_{66}^3\ \Phi_{60}\ \Phi_{55}^3\ \Phi_{33}^3\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
129988	1722	380	$\frac{2}{95}$	$\frac{1}{5}$	$\frac{93}{380}$	$\frac{1}{4}$	$\Phi_{380}^4\ \Phi_{190}^4\ \Phi_{95}^6\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{20}^5\ \Phi_{19}^6\ \Phi_{10}^5\ \Phi_{5}^6\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
129989	1722	216	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{13}{54}$	$\frac{1}{4}$	$\Phi_{216}^9\ \Phi_{108}^6\ \Phi_{72}^9\ \Phi_{54}^8\ \Phi_{36}^6\ \Phi_{27}^7\ \Phi_{24}^9\ \Phi_{18}^8\ \Phi_{12}^6\ \Phi_{9}^7\ \Phi_{8}^{12}\ \Phi_{6}^8\ \Phi_{4}^8\ \Phi_{3}^7\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
129990	1722	92	$\frac{1}{23}$	$\frac{5}{46}$	$\frac{11}{46}$	$\frac{1}{4}$	$\Phi_{92}^{25}\ \Phi_{46}^{13}\ \Phi_{23}^{12}\ \Phi_{4}^{24}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
129991	1722	480	$\frac{1}{15}$	$\frac{3}{40}$	$\frac{37}{160}$	$\frac{1}{4}$	$\Phi_{480}^5\ \Phi_{240}^5\ \Phi_{160}^4\ \Phi_{96}^5\ \Phi_{80}^4\ \Phi_{60}\ \Phi_{48}^5\ \Phi_{32}^4\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
129992	1722	368	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{81}{368}$	$\frac{1}{4}$	$\Phi_{368}^6\ \Phi_{184}^6\ \Phi_{92}\ \Phi_{46}\ \Phi_{16}^6\ \Phi_{8}^6$
129993	1722	380	$\frac{4}{95}$	$\frac{13}{95}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{380}^6\ \Phi_{190}^6\ \Phi_{76}^6\ \Phi_{38}^6\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_{4}^6\ \Phi_{2}^6$
129994	1722	300	$\frac{13}{300}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^6\ \Phi_{75}^6\ \Phi_{60}^4\ \Phi_{50}^6\ \Phi_{30}^4\ \Phi_{25}^6\ \Phi_{20}^5\ \Phi_{15}^6\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_{6}^4\ \Phi_{5}^6\ \Phi_{4}^4\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
129995	1722	180	$\frac{1}{15}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^{14}\ \Phi_{90}^{14}\ \Phi_{60}^{10}\ \Phi_{36}^{14}\ \Phi_{30}^{10}\ \Phi_{20}^{11}\ \Phi_{18}^{14}\ \Phi_{12}^{10}\ \Phi_{10}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}$
129996	1722	300	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{4}$	$\Phi_{300}^{10}\ \Phi_{150}^5\ \Phi_{100}^8\ \Phi_{75}^5\ \Phi_{60}\ \Phi_{50}^4\ \Phi_{30}\ \Phi_{25}^4\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
129997	1722	1380	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{58}{345}$	$\frac{1}{4}$	$\Phi_{1380}^2\ \Phi_{690}^2\ \Phi_{460}^2\ \Phi_{230}^2\ \Phi_{92}\ \Phi_{60}^2\ \Phi_{46}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{10}^2$
129998	1722	420	$\frac{1}{15}$	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^4\ \Phi_{105}^5\ \Phi_{84}^5\ \Phi_{70}^4\ \Phi_{60}\ \Phi_{42}^5\ \Phi_{35}^4\ \Phi_{30}\ \Phi_{28}^4\ \Phi_{21}^5\ \Phi_{20}\ \Phi_{14}^4\ \Phi_{12}\ \Phi_{10}\ \Phi_{7}^4\ \Phi_{6}$
129999	1722	1804	$\frac{3}{44}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{4}$	$\Phi_{1804}\ \Phi_{902}\ \Phi_{451}\ \Phi_{44}^2\ \Phi_{41}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{1}^2$
130000	1722	240	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{4}$	$\Phi_{240}^9\ \Phi_{120}^6\ \Phi_{80}^9\ \Phi_{60}^7\ \Phi_{48}^6\ \Phi_{40}^6\ \Phi_{30}^7\ \Phi_{24}^3\ \Phi_{20}^7\ \Phi_{16}^6\ \Phi_{15}^6\ \Phi_{12}^4\ \Phi_{10}^7\ \Phi_{8}^6\ \Phi_{6}^4\ \Phi_{5}^6\ \Phi_{4}^6\ \Phi_{3}^3\ \Phi_{2}^6\ \Phi_{1}^6$
130001	1722	616	$\frac{3}{44}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{616}^4\ \Phi_{308}^3\ \Phi_{154}^3\ \Phi_{77}^3\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
130002	1722	92	$\frac{2}{23}$	$\frac{5}{46}$	$\frac{3}{23}$	$\frac{1}{4}$	$\Phi_{92}^{25}\ \Phi_{46}^{11}\ \Phi_{23}^{14}\ \Phi_{4}^{24}\ \Phi_{2}^{10}\ \Phi_{1}^{14}$
130003	1722	360	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{360}^6\ \Phi_{180}^4\ \Phi_{120}^6\ \Phi_{90}^4\ \Phi_{72}^3\ \Phi_{60}^4\ \Phi_{45}^6\ \Phi_{40}^6\ \Phi_{36}^2\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{18}^2\ \Phi_{15}^6\ \Phi_{12}^2\ \Phi_{10}^4\ \Phi_{9}^3\ \Phi_{8}^6\ \Phi_{6}^2\ \Phi_{5}^6\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
130004	1722	1350	$\frac{1}{27}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{13}{54}$	$\Phi_{1350}^2\ \Phi_{675}\ \Phi_{450}^2\ \Phi_{225}\ \Phi_{150}^2\ \Phi_{75}\ \Phi_{54}^2\ \Phi_{50}^2\ \Phi_{27}\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{9}\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
130005	1722	152	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{29}{152}$	$\frac{9}{38}$	$\Phi_{152}^{11}\ \Phi_{76}^{11}\ \Phi_{38}^{13}\ \Phi_{19}^{12}\ \Phi_{8}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
130006	1722	104	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{2}{13}$	$\frac{11}{52}$	$\Phi_{104}^{19}\ \Phi_{52}^{13}\ \Phi_{26}^{13}\ \Phi_{13}^{18}\ \Phi_{8}^{18}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{18}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
130007	1722	2520	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{17}{90}$	$\frac{73}{360}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{280}\ \Phi_{252}\ \Phi_{168}\ \Phi_{140}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
130008	1722	225	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{225}^9\ \Phi_{75}^9\ \Phi_{45}^2\ \Phi_{25}^{10}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
130009	1722	1845	$\frac{4}{45}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{5}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{369}\ \Phi_{123}\ \Phi_{45}^2\ \Phi_{41}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
130010	1722	2520	$\frac{4}{45}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}$
130011	1722	2050	$\frac{1}{10}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{9}{50}$	$\Phi_{2050}\ \Phi_{1025}\ \Phi_{50}^2\ \Phi_{41}\ \Phi_{25}^2\ \Phi_1^2$
130012	1722	1400	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{9}{50}$	$\Phi_{1400}^2\ \Phi_{700}^2\ \Phi_{350}\ \Phi_{175}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
130013	1722	2240	$\frac{33}{320}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{40}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
130014	1722	1968	$\frac{5}{41}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{6}{41}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{48}^2\ \Phi_{41}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
130015	1722	336	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{48}$	$\Phi_{336}^7\ \Phi_{168}^7\ \Phi_{112}^7\ \Phi_{84}^7\ \Phi_{56}\ \Phi_{42}^7\ \Phi_{28}\ \Phi_{21}^7\ \Phi_{14}$
130016	1723	2952	$\frac{1}{246}$	$\frac{247}{1476}$	$\frac{1229}{2952}$	$\frac{245}{492}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{492}\ \Phi_{328}\ \Phi_{164}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
130017	1723	3432	$\frac{7}{1716}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1709}{3432}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{264}\ \Phi_{104}\ \Phi_{88}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
130018	1723	2070	$\frac{2}{345}$	$\frac{347}{2070}$	$\frac{1}{3}$	$\frac{343}{690}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{414}\ \Phi_{345}\ \Phi_{207}\ \Phi_{115}\ \Phi_{90}\ \Phi_{69}\ \Phi_{45}\ \Phi_{23}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
130019	1723	3420	$\frac{13}{1710}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1697}{3420}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{228}\ \Phi_{180}\ \Phi_{76}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
130020	1723	3420	$\frac{13}{1710}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1697}{3420}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{228}\ \Phi_{180}\ \Phi_{76}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
130021	1723	2304	$\frac{5}{576}$	$\frac{1}{6}$	$\frac{581}{2304}$	$\frac{571}{1152}$	$\Phi_{2304}\ \Phi_{768}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
130022	1723	3416	$\frac{15}{1708}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{1693}{3416}$	$\Phi_{3416}\ \Phi_{488}\ \Phi_{56}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
130023	1723	3408	$\frac{19}{1704}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1685}{3408}$	$\Phi_{3408}\ \Phi_{1136}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
130024	1723	3280	$\frac{1}{82}$	$\frac{83}{1640}$	$\frac{1557}{3280}$	$\frac{81}{164}$	$\Phi_{3280}\ \Phi_{656}\ \Phi_{164}\ \Phi_{80}\ \Phi_{16}\ \Phi_4\ \Phi_1$
130025	1723	2460	$\frac{1}{82}$	$\frac{83}{820}$	$\frac{737}{2460}$	$\frac{81}{164}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{615}\ \Phi_{492}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
130026	1723	1968	$\frac{1}{82}$	$\frac{245}{1968}$	$\frac{83}{328}$	$\frac{81}{164}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{492}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
130027	1723	3384	$\frac{31}{1692}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1661}{3384}$	$\Phi_{3384}\ \Phi_{1128}\ \Phi_{376}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
130028	1723	3360	$\frac{1}{42}$	$\frac{43}{1680}$	$\frac{1637}{3360}$	$\frac{41}{84}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{84}\ \Phi_{32}\ \Phi_{28}\ \Phi_{12}\ \Phi_4\ \Phi_1$
130029	1723	2520	$\frac{1}{42}$	$\frac{43}{840}$	$\frac{797}{2520}$	$\frac{41}{84}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
130030	1723	1848	$\frac{1}{42}$	$\frac{125}{1848}$	$\frac{43}{168}$	$\frac{41}{84}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{28}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
130031	1723	2100	$\frac{1}{42}$	$\frac{43}{420}$	$\frac{377}{2100}$	$\frac{41}{84}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{50}\ \Phi_{28}\ \Phi_{25}\ \Phi_{12}\ \Phi_4\ \Phi_1$
130032	1723	2016	$\frac{1}{42}$	$\frac{43}{336}$	$\frac{293}{2016}$	$\frac{41}{84}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
130033	1723	3360	$\frac{43}{1680}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1637}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
130034	1723	3360	$\frac{43}{1680}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1637}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
130035	1723	1920	$\frac{5}{192}$	$\frac{197}{1920}$	$\frac{1}{6}$	$\frac{187}{384}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
130036	1723	1800	$\frac{2}{75}$	$\frac{77}{1800}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
130037	1723	1794	$\frac{2}{69}$	$\frac{71}{1794}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{1794}\ \Phi_{897}\ \Phi_{598}\ \Phi_{299}\ \Phi_{78}\ \Phi_{69}\ \Phi_{39}\ \Phi_{26}\ \Phi_{23}\ \Phi_{13}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
130038	1723	3348	$\frac{49}{1674}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1625}{3348}$	$\Phi_{3348}\ \Phi_{1116}\ \Phi_{372}\ \Phi_{124}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
130039	1723	3312	$\frac{2}{69}$	$\frac{67}{1656}$	$\frac{1}{3}$	$\frac{1589}{3312}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{144}\ \Phi_{69}\ \Phi_{48}\ \Phi_{23}\ \Phi_{16}\ \Phi_1$
130040	1723	3312	$\frac{67}{1656}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1589}{3312}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
130041	1723	3300	$\frac{2}{75}$	$\frac{73}{1650}$	$\frac{1}{3}$	$\frac{1577}{3300}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{300}\ \Phi_{220}\ \Phi_{132}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{44}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
130042	1723	1862	$\frac{6}{133}$	$\frac{139}{1862}$	$\frac{1}{7}$	$\frac{127}{266}$	$\Phi_{1862}\ \Phi_{931}\ \Phi_{133}\ \Phi_{98}\ \Phi_{49}\ \Phi_{19}\ \Phi_1$
130043	1723	3276	$\frac{1}{42}$	$\frac{85}{1638}$	$\frac{41}{126}$	$\frac{1553}{3276}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}\ \Phi_{156}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{52}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
130044	1723	3276	$\frac{85}{1638}$	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1553}{3276}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{52}\ \Phi_{36}\ \Phi_{28}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
130045	1723	3264	$\frac{5}{96}$	$\frac{91}{1632}$	$\frac{1}{6}$	$\frac{1541}{3264}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
130046	1723	3240	$\frac{5}{108}$	$\frac{103}{1620}$	$\frac{1}{6}$	$\frac{1517}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
130047	1723	1820	$\frac{97}{1820}$	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{85}{182}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{140}\ \Phi_{130}\ \Phi_{91}\ \Phi_{70}\ \Phi_{65}\ \Phi_{52}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
130048	1723	2352	$\frac{1}{42}$	$\frac{41}{588}$	$\frac{629}{2352}$	$\frac{547}{1176}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{112}\ \Phi_{98}\ \Phi_{84}\ \Phi_{49}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
130049	1723	3192	$\frac{6}{133}$	$\frac{127}{1596}$	$\frac{1}{7}$	$\frac{1469}{3192}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{168}\ \Phi_{152}\ \Phi_{133}\ \Phi_{56}\ \Phi_{24}\ \Phi_{19}\ \Phi_8\ \Phi_1$
130050	1723	3168	$\frac{5}{144}$	$\frac{139}{1584}$	$\frac{1}{6}$	$\frac{1445}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
130051	1723	3072	$\frac{5}{192}$	$\frac{187}{1536}$	$\frac{1}{6}$	$\frac{1349}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
130052	1723	1740	$\frac{17}{1740}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{290}\ \Phi_{174}\ \Phi_{145}\ \Phi_{116}\ \Phi_{87}\ \Phi_{60}\ \Phi_{58}\ \Phi_{29}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
130053	1723	3024	$\frac{5}{216}$	$\frac{211}{1512}$	$\frac{1}{6}$	$\frac{1301}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{216}\ \Phi_{144}\ \Phi_{112}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
130054	1723	3024	$\frac{1}{42}$	$\frac{211}{1512}$	$\frac{41}{252}$	$\frac{1301}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
130055	1723	2016	$\frac{1}{42}$	$\frac{293}{2016}$	$\frac{41}{252}$	$\frac{211}{504}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
130056	1723	1872	$\frac{7}{156}$	$\frac{149}{1872}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
130057	1723	1848	$\frac{7}{132}$	$\frac{125}{1848}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{88}\ \Phi_{84}\ \Phi_{77}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
130058	1723	2952	$\frac{1}{123}$	$\frac{247}{1476}$	$\frac{122}{369}$	$\frac{1229}{2952}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{369}\ \Phi_{328}\ \Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
130059	1723	2940	$\frac{1}{42}$	$\frac{41}{294}$	$\frac{253}{1470}$	$\frac{1217}{2940}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{140}\ \Phi_{98}\ \Phi_{84}\ \Phi_{60}\ \Phi_{49}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
130060	1723	2880	$\frac{5}{288}$	$\frac{1}{6}$	$\frac{283}{1440}$	$\frac{1157}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{320}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
130061	1723	2460	$\frac{1}{123}$	$\frac{122}{615}$	$\frac{737}{2460}$	$\frac{493}{1230}$	$\Phi_{2460}\ \Phi_{820}\ \Phi_{615}\ \Phi_{492}\ \Phi_{205}\ \Phi_{164}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
130062	1723	1792	$\frac{69}{1792}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{128}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
130063	1723	2760	$\frac{2}{345}$	$\frac{343}{1380}$	$\frac{1}{3}$	$\frac{1037}{2760}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{345}\ \Phi_{184}\ \Phi_{120}\ \Phi_{115}\ \Phi_{69}\ \Phi_{40}\ \Phi_{24}\ \Phi_{23}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
130064	1723	2604	$\frac{13}{434}$	$\frac{1}{14}$	$\frac{421}{1302}$	$\frac{881}{2604}$	$\Phi_{2604}\ \Phi_{868}\ \Phi_{434}\ \Phi_{372}\ \Phi_{217}\ \Phi_{124}\ \Phi_{84}\ \Phi_{62}\ \Phi_{31}\ \Phi_{28}\ \Phi_{12}\ \Phi_4\ \Phi_1$
130065	1723	2592	$\frac{5}{432}$	$\frac{1}{6}$	$\frac{427}{1296}$	$\frac{869}{2592}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{216}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
130066	1723	2214	$\frac{1}{123}$	$\frac{491}{2214}$	$\frac{122}{369}$	$\frac{247}{738}$	$\Phi_{2214}\ \Phi_{1107}\ \Phi_{369}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
130067	1723	2565	$\frac{13}{855}$	$\frac{2}{15}$	$\frac{842}{2565}$	$\frac{1}{3}$	$\Phi_{2565}\ \Phi_{513}\ \Phi_{135}\ \Phi_{27}\ \Phi_{15}\ \Phi_5\ \Phi_1$
130068	1723	1863	$\frac{2}{69}$	$\frac{140}{1863}$	$\frac{67}{207}$	$\frac{1}{3}$	$\Phi_{1863}\ \Phi_{621}\ \Phi_{81}\ \Phi_{69}\ \Phi_{27}\ \Phi_{23}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
130069	1723	2484	$\frac{2}{69}$	$\frac{67}{828}$	$\frac{761}{2484}$	$\frac{1}{3}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{621}\ \Phi_{108}\ \Phi_{69}\ \Phi_{54}\ \Phi_{27}\ \Phi_{23}\ \Phi_1$
130070	1723	2475	$\frac{2}{75}$	$\frac{73}{825}$	$\frac{752}{2475}$	$\frac{1}{3}$	$\Phi_{2475}\ \Phi_{495}\ \Phi_{225}\ \Phi_{99}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
130071	1723	1755	$\frac{32}{1755}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}\ \Phi_{117}\ \Phi_{65}\ \Phi_{39}\ \Phi_{27}\ \Phi_{15}\ \Phi_{13}\ \Phi_5\ \Phi_1$
130072	1723	2280	$\frac{13}{570}$	$\frac{2}{15}$	$\frac{557}{2280}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{456}\ \Phi_{380}\ \Phi_{228}\ \Phi_{152}\ \Phi_{120}\ \Phi_{76}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
130073	1723	1932	$\frac{2}{69}$	$\frac{209}{1932}$	$\frac{67}{276}$	$\frac{1}{3}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{161}\ \Phi_{84}\ \Phi_{69}\ \Phi_{42}\ \Phi_{28}\ \Phi_{23}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
130074	1723	2208	$\frac{2}{69}$	$\frac{67}{552}$	$\frac{485}{2208}$	$\frac{1}{3}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{368}\ \Phi_{96}\ \Phi_{69}\ \Phi_{48}\ \Phi_{32}\ \Phi_{23}\ \Phi_{16}\ \Phi_1$
130075	1723	2070	$\frac{2}{69}$	$\frac{67}{414}$	$\frac{347}{2070}$	$\frac{1}{3}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{115}\ \Phi_{90}\ \Phi_{69}\ \Phi_{45}\ \Phi_{30}\ \Phi_{23}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
130076	1723	1800	$\frac{77}{1800}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
130077	1723	1995	$\frac{13}{285}$	$\frac{2}{15}$	$\frac{272}{1995}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{133}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_1$
130078	1723	1995	$\frac{6}{133}$	$\frac{272}{1995}$	$\frac{1}{7}$	$\frac{127}{399}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{285}\ \Phi_{133}\ \Phi_{105}\ \Phi_{95}\ \Phi_{35}\ \Phi_{19}\ \Phi_{15}\ \Phi_5\ \Phi_1$
130079	1723	1944	$\frac{5}{108}$	$\frac{221}{1944}$	$\frac{1}{6}$	$\frac{103}{324}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
130080	1723	2520	$\frac{43}{840}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{797}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
130081	1723	1911	$\frac{6}{91}$	$\frac{188}{1911}$	$\frac{1}{7}$	$\frac{85}{273}$	$\Phi_{1911}\ \Phi_{637}\ \Phi_{147}\ \Phi_{91}\ \Phi_{49}\ \Phi_{13}\ \Phi_1$
130082	1723	2457	$\frac{6}{91}$	$\frac{85}{819}$	$\frac{1}{7}$	$\frac{734}{2457}$	$\Phi_{2457}\ \Phi_{351}\ \Phi_{189}\ \Phi_{91}\ \Phi_{27}\ \Phi_{13}\ \Phi_1$
130083	1723	2394	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{127}{798}$	$\frac{671}{2394}$	$\Phi_{2394}\ \Phi_{1197}\ \Phi_{342}\ \Phi_{171}\ \Phi_{133}\ \Phi_{126}\ \Phi_{63}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_1$
130084	1723	2268	$\frac{1}{42}$	$\frac{41}{252}$	$\frac{545}{2268}$	$\frac{211}{756}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{252}\ \Phi_{162}\ \Phi_{126}\ \Phi_{84}\ \Phi_{81}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
130085	1723	2052	$\frac{13}{342}$	$\frac{329}{2052}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{513}\ \Phi_{228}\ \Phi_{108}\ \Phi_{76}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
130086	1723	1800	$\frac{77}{1800}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
130087	1723	1848	$\frac{125}{1848}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{168}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}\ \Phi_{77}\ \Phi_{66}\ \Phi_{56}\ \Phi_{44}\ \Phi_{33}\ \Phi_{28}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
130088	1723	2304	$\frac{5}{192}$	$\frac{1}{6}$	$\frac{187}{768}$	$\frac{581}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
130089	1723	2128	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{405}{2128}$	$\frac{127}{532}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{304}\ \Phi_{152}\ \Phi_{133}\ \Phi_{112}\ \Phi_{56}\ \Phi_{19}\ \Phi_{16}\ \Phi_8\ \Phi_1$
130090	1723	2240	$\frac{1}{14}$	$\frac{43}{560}$	$\frac{517}{2240}$	$\frac{13}{56}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
130091	1723	1960	$\frac{1}{14}$	$\frac{237}{1960}$	$\frac{43}{280}$	$\frac{13}{56}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{245}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
130092	1723	2016	$\frac{1}{14}$	$\frac{43}{336}$	$\frac{293}{2016}$	$\frac{13}{56}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
130093	1723	2184	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{85}{546}$	$\frac{461}{2184}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{364}\ \Phi_{312}\ \Phi_{168}\ \Phi_{156}\ \Phi_{104}\ \Phi_{91}\ \Phi_{84}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
130094	1723	2160	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{103}{540}$	$\frac{437}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
130095	1723	1920	$\frac{197}{1920}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{240}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
130096	1723	2016	$\frac{5}{48}$	$\frac{43}{336}$	$\frac{293}{2016}$	$\frac{1}{6}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
130097	1724	2580	$\frac{1}{430}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{429}{860}$	$\Phi_{2580}\ \Phi_{860}^2\ \Phi_{516}\ \Phi_{172}^2\ \Phi_{60}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
130098	1724	4290	$\frac{2}{429}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{427}{858}$	$\Phi_{4290}\ \Phi_{1430}\ \Phi_{390}\ \Phi_{330}\ \Phi_{130}\ \Phi_{110}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
130099	1724	2880	$\frac{1}{144}$	$\frac{1}{5}$	$\frac{145}{576}$	$\frac{143}{288}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{720}\ \Phi_{360}\ \Phi_{320}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
130100	1724	4280	$\frac{3}{428}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{425}{856}$	$\Phi_{4280}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
130101	1724	4260	$\frac{5}{426}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{421}{852}$	$\Phi_{4260}\ \Phi_{1420}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
130102	1724	4240	$\frac{7}{424}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{417}{848}$	$\Phi_{4240}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
130103	1724	4230	$\frac{8}{423}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{415}{846}$	$\Phi_{4230}\ \Phi_{1410}\ \Phi_{470}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
130104	1724	480	$\frac{1}{48}$	$\frac{49}{480}$	$\frac{1}{5}$	$\frac{47}{96}$	$\Phi_{480}^3\ \Phi_{240}^4\ \Phi_{160}^3\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
130105	1724	840	$\frac{11}{420}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{409}{840}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{168}^4\ \Phi_{120}^4\ \Phi_{60}\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{30}\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8^4$
130106	1724	4160	$\frac{15}{416}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{401}{832}$	$\Phi_{4160}\ \Phi_{320}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
130107	1724	4140	$\frac{17}{414}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{397}{828}$	$\Phi_{4140}\ \Phi_{1380}\ \Phi_{460}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
130108	1724	4080	$\frac{1}{24}$	$\frac{23}{408}$	$\frac{1}{5}$	$\frac{385}{816}$	$\Phi_{4080}\ \Phi_{1360}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
130109	1724	2240	$\frac{17}{448}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{320}\ \Phi_{280}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
130110	1724	810	$\frac{1}{27}$	$\frac{26}{405}$	$\frac{1}{5}$	$\frac{379}{810}$	$\Phi_{810}^4\ \Phi_{270}^4\ \Phi_{162}^4\ \Phi_{135}\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
130111	1724	3960	$\frac{1}{36}$	$\frac{35}{396}$	$\frac{1}{5}$	$\frac{361}{792}$	$\Phi_{3960}\ \Phi_{1320}\ \Phi_{440}\ \Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
130112	1724	3840	$\frac{1}{48}$	$\frac{47}{384}$	$\frac{1}{5}$	$\frac{337}{768}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
130113	1724	3780	$\frac{1}{54}$	$\frac{53}{378}$	$\frac{1}{5}$	$\frac{325}{756}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{540}\ \Phi_{420}\ \Phi_{270}\ \Phi_{180}\ \Phi_{140}\ \Phi_{135}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
130114	1724	720	$\frac{1}{72}$	$\frac{71}{360}$	$\frac{1}{5}$	$\frac{289}{720}$	$\Phi_{720}^4\ \Phi_{360}\ \Phi_{240}^4\ \Phi_{180}\ \Phi_{144}^4\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}^4\ \Phi_{60}\ \Phi_{48}^4\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{15}\ \Phi_{10}$
130115	1724	3240	$\frac{1}{108}$	$\frac{1}{5}$	$\frac{107}{324}$	$\frac{217}{648}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
130116	1724	645	$\frac{1}{215}$	$\frac{214}{645}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{645}^3\ \Phi_{215}^2\ \Phi_{129}^3\ \Phi_{43}^2\ \Phi_{15}^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
130117	1724	435	$\frac{4}{435}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{435}^4\ \Phi_{145}^4\ \Phi_{87}^4\ \Phi_{29}^4\ \Phi_{15}^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
130118	1724	516	$\frac{1}{86}$	$\frac{85}{516}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{516}^4\ \Phi_{258}^3\ \Phi_{172}^4\ \Phi_{129}^3\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{12}^4\ \Phi_6^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
130119	1724	1320	$\frac{9}{440}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}^2\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
130120	1724	1419	$\frac{1}{43}$	$\frac{42}{473}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1419}\ \Phi_{473}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
130121	1724	2340	$\frac{2}{39}$	$\frac{37}{468}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{390}\ \Phi_{260}\ \Phi_{180}\ \Phi_{130}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
130122	1724	2310	$\frac{2}{33}$	$\frac{31}{462}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{330}\ \Phi_{210}\ \Phi_{110}\ \Phi_{105}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
130123	1724	2430	$\frac{1}{27}$	$\frac{55}{486}$	$\frac{1}{5}$	$\frac{26}{81}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{810}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
130124	1724	3120	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{1}{5}$	$\frac{193}{624}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{240}\ \Phi_{195}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
130125	1724	440	$\frac{9}{440}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{440}^4\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{88}^4\ \Phi_{55}^4\ \Phi_{44}^3\ \Phi_{40}^4\ \Phi_{22}^3\ \Phi_{20}^4\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^4\ \Phi_4^2\ \Phi_2^2\ \Phi_1^4$
130126	1724	2880	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{47}{192}$	$\frac{145}{576}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
130127	1724	540	$\frac{1}{27}$	$\frac{26}{135}$	$\frac{1}{5}$	$\frac{109}{540}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{54}^4\ \Phi_{45}\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
130128	1724	480	$\frac{1}{12}$	$\frac{49}{480}$	$\frac{11}{60}$	$\frac{1}{5}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{60}\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{30}\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{15}\ \Phi_{10}\ \Phi_8^4$
130129	1724	2520	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{504}$	$\frac{1}{5}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
130130	1725	688	$\frac{1}{344}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{343}{688}$	$\Phi_{688}^{5}\ \Phi_{16}^{5}\ \Phi_{8}\ \Phi_{1}$
130131	1725	2292	$\frac{2}{573}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{571}{1146}$	$\Phi_{2292}\ \Phi_{764}\ \Phi_{573}\ \Phi_{191}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
130132	1725	768	$\frac{1}{192}$	$\frac{1}{4}$	$\frac{193}{768}$	$\frac{191}{384}$	$\Phi_{768}^{3}\ \Phi_{256}^{3}\ \Phi_{192}^{3}\ \Phi_{96}^{3}\ \Phi_{64}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130133	1725	1144	$\frac{3}{572}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{569}{1144}$	$\Phi_{1144}^{3}\ \Phi_{104}^{3}\ \Phi_{88}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130134	1725	3424	$\frac{13}{1712}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1699}{3424}$	$\Phi_{3424}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
130135	1725	1596	$\frac{1}{114}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{113}{228}$	$\Phi_{798}^{2}\ \Phi_{399}^{2}\ \Phi_{266}^{2}\ \Phi_{228}\ \Phi_{133}^{2}\ \Phi_{114}^{2}\ \Phi_{76}\ \Phi_{57}^{2}\ \Phi_{42}^{2}\ \Phi_{38}^{2}\ \Phi_{28}\ \Phi_{21}^{2}\ \Phi_{19}^{2}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130136	1725	1596	$\frac{1}{114}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{113}{228}$	$\Phi_{1596}^{2}\ \Phi_{532}^{2}\ \Phi_{228}^{3}\ \Phi_{84}^{2}\ \Phi_{76}^{3}\ \Phi_{28}^{2}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
130137	1725	228	$\frac{1}{114}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{113}{228}$	$\Phi_{228}^{5}\ \Phi_{114}^{10}\ \Phi_{76}^{5}\ \Phi_{57}^{10}\ \Phi_{38}^{10}\ \Phi_{19}^{10}\ \Phi_{12}^{7}\ \Phi_{6}^{11}\ \Phi_{4}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
130138	1725	1136	$\frac{7}{568}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{561}{1136}$	$\Phi_{1136}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130139	1725	1628	$\frac{1}{74}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{73}{148}$	$\Phi_{814}^{2}\ \Phi_{407}^{2}\ \Phi_{148}\ \Phi_{74}^{2}\ \Phi_{44}\ \Phi_{37}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130140	1725	4884	$\frac{1}{74}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{73}{148}$	$\Phi_{4884}\ \Phi_{444}\ \Phi_{148}\ \Phi_{132}\ \Phi_{33}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
130141	1725	2268	$\frac{8}{567}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{559}{1134}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{567}\ \Phi_{324}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}\ \Phi_{81}\ \Phi_{63}\ \Phi_{36}^{2}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
130142	1725	816	$\frac{1}{68}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{67}{136}$	$\Phi_{816}^{4}\ \Phi_{272}^{4}\ \Phi_{136}\ \Phi_{48}^{5}\ \Phi_{16}^{5}\ \Phi_{8}\ \Phi_{1}$
130143	1725	3672	$\frac{1}{68}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{67}{136}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{216}\ \Phi_{136}\ \Phi_{72}\ \Phi_{27}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
130144	1725	1224	$\frac{1}{68}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{67}{136}$	$\Phi_{1224}^{4}\ \Phi_{136}\ \Phi_{72}^{4}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
130145	1725	952	$\frac{1}{68}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{67}{136}$	$\Phi_{952}^{4}\ \Phi_{136}\ \Phi_{56}^{4}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
130146	1725	544	$\frac{1}{68}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{67}{136}$	$\Phi_{544}^{4}\ \Phi_{272}^{4}\ \Phi_{136}\ \Phi_{32}^{5}\ \Phi_{16}^{5}\ \Phi_{8}\ \Phi_{1}$
130147	1725	408	$\frac{1}{68}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{67}{136}$	$\Phi_{408}^{8}\ \Phi_{136}^{9}\ \Phi_{24}^{8}\ \Phi_{8}^{9}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
130148	1725	128	$\frac{1}{64}$	$\frac{13}{128}$	$\frac{1}{4}$	$\frac{63}{128}$	$\Phi_{128}^{12}\ \Phi_{64}^{15}\ \Phi_{32}^{15}\ \Phi_{16}^{15}\ \Phi_{8}^{15}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
130149	1725	3392	$\frac{29}{1696}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1667}{3392}$	$\Phi_{3392}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
130150	1725	1128	$\frac{11}{564}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{553}{1128}$	$\Phi_{1128}^{3}\ \Phi_{376}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130151	1725	224	$\frac{3}{112}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{109}{224}$	$\Phi_{224}^{15}\ \Phi_{32}^{15}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130152	1725	1116	$\frac{17}{558}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{541}{1116}$	$\Phi_{1116}\ \Phi_{558}^{2}\ \Phi_{372}\ \Phi_{279}^{2}\ \Phi_{186}^{2}\ \Phi_{124}\ \Phi_{93}^{2}\ \Phi_{62}^{2}\ \Phi_{36}^{3}\ \Phi_{31}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130153	1725	3328	$\frac{61}{1664}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{1603}{3328}$	$\Phi_{3328}\ \Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
130154	1725	816	$\frac{1}{34}$	$\frac{1}{24}$	$\frac{11}{34}$	$\frac{23}{48}$	$\Phi_{816}^{4}\ \Phi_{272}^{4}\ \Phi_{48}^{5}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{16}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130155	1725	48	$\frac{1}{24}$	$\frac{1}{24}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{48}^{69}\ \Phi_{24}^{3}\ \Phi_{16}^{69}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130156	1725	4080	$\frac{1}{24}$	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{23}{48}$	$\Phi_{4080}\ \Phi_{1360}\ \Phi_{240}\ \Phi_{85}\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}\ \Phi_{5}\ \Phi_{1}$
130157	1725	1628	$\frac{1}{37}$	$\frac{1}{22}$	$\frac{12}{37}$	$\frac{21}{44}$	$\Phi_{1628}^{2}\ \Phi_{148}^{2}\ \Phi_{44}^{3}\ \Phi_{37}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
130158	1725	572	$\frac{1}{26}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{572}^{2}\ \Phi_{286}^{4}\ \Phi_{143}^{4}\ \Phi_{52}^{4}\ \Phi_{44}\ \Phi_{26}^{5}\ \Phi_{22}^{2}\ \Phi_{13}^{5}\ \Phi_{11}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130159	1725	1628	$\frac{1}{22}$	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{21}{44}$	$\Phi_{1628}^{2}\ \Phi_{148}^{2}\ \Phi_{44}^{3}\ \Phi_{37}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
130160	1725	528	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{21}{44}$	$\Phi_{528}^{4}\ \Phi_{264}^{4}\ \Phi_{176}^{2}\ \Phi_{132}^{2}\ \Phi_{88}^{2}\ \Phi_{66}^{4}\ \Phi_{48}^{6}\ \Phi_{44}\ \Phi_{33}^{4}\ \Phi_{24}^{6}\ \Phi_{22}^{2}\ \Phi_{16}^{3}\ \Phi_{12}^{4}\ \Phi_{11}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130161	1725	1792	$\frac{67}{1792}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
130162	1725	1088	$\frac{1}{32}$	$\frac{31}{544}$	$\frac{1}{4}$	$\frac{513}{1088}$	$\Phi_{1088}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130163	1725	130	$\frac{1}{26}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{130}^{13}\ \Phi_{65}^{14}\ \Phi_{26}^{12}\ \Phi_{13}^{13}\ \Phi_{10}^{13}\ \Phi_{5}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
130164	1725	216	$\frac{1}{36}$	$\frac{7}{108}$	$\frac{1}{4}$	$\frac{101}{216}$	$\Phi_{216}^{15}\ \Phi_{72}^{15}\ \Phi_{36}^{3}\ \Phi_{24}^{15}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{15}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130165	1725	3276	$\frac{2}{117}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}\ \Phi_{156}\ \Phi_{117}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{28}\ \Phi_{13}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
130166	1725	4788	$\frac{1}{57}$	$\frac{1}{14}$	$\frac{56}{171}$	$\frac{13}{28}$	$\Phi_{4788}\ \Phi_{684}\ \Phi_{252}\ \Phi_{171}\ \Phi_{36}\ \Phi_{28}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
130167	1725	1064	$\frac{1}{38}$	$\frac{1}{14}$	$\frac{37}{152}$	$\frac{13}{28}$	$\Phi_{1064}^{2}\ \Phi_{266}^{2}\ \Phi_{152}^{3}\ \Phi_{133}^{2}\ \Phi_{76}\ \Phi_{56}^{2}\ \Phi_{38}^{2}\ \Phi_{28}\ \Phi_{19}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130168	1725	1596	$\frac{2}{57}$	$\frac{1}{14}$	$\frac{11}{57}$	$\frac{13}{28}$	$\Phi_{1596}^{2}\ \Phi_{532}^{2}\ \Phi_{228}^{2}\ \Phi_{84}^{2}\ \Phi_{76}^{2}\ \Phi_{57}^{2}\ \Phi_{28}^{3}\ \Phi_{19}^{2}\ \Phi_{12}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
130169	1725	364	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{364}^{4}\ \Phi_{182}^{6}\ \Phi_{91}^{6}\ \Phi_{52}^{4}\ \Phi_{28}^{2}\ \Phi_{26}^{5}\ \Phi_{14}^{3}\ \Phi_{13}^{5}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130170	1725	168	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{168}^{10}\ \Phi_{84}^{8}\ \Phi_{56}^{10}\ \Phi_{42}^{10}\ \Phi_{28}^{9}\ \Phi_{24}^{15}\ \Phi_{21}^{10}\ \Phi_{14}^{10}\ \Phi_{12}^{13}\ \Phi_{8}^{15}\ \Phi_{7}^{10}\ \Phi_{6}^{14}\ \Phi_{4}^{14}\ \Phi_{3}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
130171	1725	532	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{18}{133}$	$\frac{13}{28}$	$\Phi_{532}^{6}\ \Phi_{133}\ \Phi_{76}^{6}\ \Phi_{28}^{7}\ \Phi_{7}\ \Phi_{4}^{7}\ \Phi_{1}$
130172	1725	1056	$\frac{1}{48}$	$\frac{47}{528}$	$\frac{1}{4}$	$\frac{481}{1056}$	$\Phi_{1056}^{3}\ \Phi_{352}^{3}\ \Phi_{96}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130173	1725	1596	$\frac{1}{76}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{228}^{2}\ \Phi_{133}\ \Phi_{114}^{2}\ \Phi_{84}\ \Phi_{76}\ \Phi_{57}^{2}\ \Phi_{38}\ \Phi_{28}\ \Phi_{21}\ \Phi_{19}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
130174	1725	546	$\frac{1}{26}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{546}^{3}\ \Phi_{273}^{3}\ \Phi_{182}^{4}\ \Phi_{91}^{4}\ \Phi_{78}^{3}\ \Phi_{39}^{3}\ \Phi_{26}^{3}\ \Phi_{21}^{3}\ \Phi_{14}\ \Phi_{13}^{3}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
130175	1725	1040	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{1040}^{2}\ \Phi_{520}^{2}\ \Phi_{208}^{2}\ \Phi_{130}^{2}\ \Phi_{104}^{2}\ \Phi_{80}\ \Phi_{65}^{2}\ \Phi_{40}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
130176	1725	1024	$\frac{1}{64}$	$\frac{63}{512}$	$\frac{1}{4}$	$\frac{449}{1024}$	$\Phi_{1024}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130177	1725	608	$\frac{1}{76}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{608}^{4}\ \Phi_{152}^{4}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{32}^{3}\ \Phi_{19}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130178	1725	1008	$\frac{1}{72}$	$\frac{71}{504}$	$\frac{1}{4}$	$\frac{433}{1008}$	$\Phi_{1008}^{3}\ \Phi_{336}^{3}\ \Phi_{144}^{3}\ \Phi_{112}^{3}\ \Phi_{72}^{3}\ \Phi_{48}^{3}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130179	1725	760	$\frac{1}{76}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{760}^{4}\ \Phi_{152}^{4}\ \Phi_{76}^{3}\ \Phi_{40}^{3}\ \Phi_{38}^{3}\ \Phi_{19}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130180	1725	520	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{520}^{6}\ \Phi_{130}^{2}\ \Phi_{104}^{6}\ \Phi_{65}^{2}\ \Phi_{40}^{3}\ \Phi_{26}\ \Phi_{13}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{5}\ \Phi_{1}$
130181	1725	431	$\frac{6}{431}$	$\frac{85}{431}$	$\frac{86}{431}$	$\frac{173}{431}$	$\Phi_{431}^{4}\ \Phi_{1}^{5}$
130182	1725	192	$\frac{1}{96}$	$\frac{19}{96}$	$\frac{1}{4}$	$\frac{77}{192}$	$\Phi_{192}^{15}\ \Phi_{96}^{3}\ \Phi_{64}^{15}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130183	1725	1456	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{1456}^{2}\ \Phi_{208}^{2}\ \Phi_{182}^{2}\ \Phi_{112}\ \Phi_{91}^{2}\ \Phi_{26}\ \Phi_{16}\ \Phi_{14}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}$
130184	1725	344	$\frac{1}{172}$	$\frac{1}{4}$	$\frac{57}{172}$	$\frac{3}{8}$	$\Phi_{344}^{8}\ \Phi_{172}^{2}\ \Phi_{86}^{2}\ \Phi_{43}^{2}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130185	1725	232	$\frac{1}{116}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{232}^{12}\ \Phi_{116}^{3}\ \Phi_{58}^{3}\ \Phi_{29}^{3}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130186	1725	344	$\frac{1}{86}$	$\frac{17}{86}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{344}^{8}\ \Phi_{86}^{4}\ \Phi_{43}^{4}\ \Phi_{8}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
130187	1725	840	$\frac{1}{70}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^{4}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{4}\ \Phi_{120}^{4}\ \Phi_{105}^{2}\ \Phi_{70}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{40}^{2}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
130188	1725	688	$\frac{5}{344}$	$\frac{113}{688}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{688}^{3}\ \Phi_{344}^{2}\ \Phi_{172}^{2}\ \Phi_{86}^{2}\ \Phi_{43}^{2}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130189	1725	352	$\frac{7}{352}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{352}^{5}\ \Phi_{176}^{5}\ \Phi_{88}^{5}\ \Phi_{44}^{5}\ \Phi_{32}^{5}\ \Phi_{22}^{5}\ \Phi_{16}^{5}\ \Phi_{11}^{5}\ \Phi_{8}\ \Phi_{1}$
130190	1725	1032	$\frac{1}{43}$	$\frac{14}{129}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1032}^{3}\ \Phi_{344}^{2}\ \Phi_{129}^{3}\ \Phi_{43}^{2}\ \Phi_{24}^{3}\ \Phi_{8}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
130191	1725	344	$\frac{7}{172}$	$\frac{11}{172}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{344}^{8}\ \Phi_{172}^{2}\ \Phi_{86}^{2}\ \Phi_{43}^{2}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130192	1725	48	$\frac{1}{24}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{48}^{40}\ \Phi_{24}^{35}\ \Phi_{16}^{35}\ \Phi_{12}^{35}\ \Phi_{8}^{31}\ \Phi_{6}^{35}\ \Phi_{4}^{30}\ \Phi_{3}^{35}\ \Phi_{2}^{30}\ \Phi_{1}^{31}$
130193	1725	684	$\frac{1}{76}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{684}^{2}\ \Phi_{342}^{2}\ \Phi_{228}^{4}\ \Phi_{171}^{2}\ \Phi_{114}^{4}\ \Phi_{76}^{3}\ \Phi_{57}^{4}\ \Phi_{38}^{3}\ \Phi_{36}\ \Phi_{19}^{3}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130194	1725	456	$\frac{1}{24}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{456}^{4}\ \Phi_{228}^{4}\ \Phi_{152}^{4}\ \Phi_{114}^{4}\ \Phi_{76}^{4}\ \Phi_{57}^{4}\ \Phi_{38}\ \Phi_{24}^{3}\ \Phi_{19}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
130195	1725	1392	$\frac{1}{29}$	$\frac{1}{16}$	$\frac{28}{87}$	$\frac{59}{174}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}^{2}\ \Phi_{348}\ \Phi_{232}^{2}\ \Phi_{116}^{2}\ \Phi_{87}\ \Phi_{58}\ \Phi_{48}\ \Phi_{29}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
130196	1725	864	$\frac{1}{144}$	$\frac{1}{4}$	$\frac{143}{432}$	$\frac{289}{864}$	$\Phi_{864}^{3}\ \Phi_{288}^{3}\ \Phi_{144}^{3}\ \Phi_{96}^{3}\ \Phi_{72}^{3}\ \Phi_{48}^{3}\ \Phi_{36}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130197	1725	918	$\frac{1}{34}$	$\frac{2}{27}$	$\frac{11}{34}$	$\frac{1}{3}$	$\Phi_{918}^{2}\ \Phi_{459}^{2}\ \Phi_{306}^{2}\ \Phi_{153}^{2}\ \Phi_{54}^{2}\ \Phi_{34}^{2}\ \Phi_{27}^{3}\ \Phi_{18}^{2}\ \Phi_{17}^{2}\ \Phi_{9}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130198	1725	231	$\frac{2}{77}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{231}^{6}\ \Phi_{77}^{11}\ \Phi_{33}^{5}\ \Phi_{21}^{6}\ \Phi_{11}^{9}\ \Phi_{7}^{11}\ \Phi_{3}^{4}\ \Phi_{1}^{9}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
130199	1725	819	$\frac{2}{117}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{819}^{2}\,\Phi_{273}^{2}\,\Phi_{117}^{3}\,\Phi_{91}^{2}\,\Phi_{63}^{2}\,\Phi_{39}^{3}\,\Phi_{13}^{3}\,\Phi_{9}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
130200	1725	468	$\frac{2}{117}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{468}^{5}\,\Phi_{234}^{2}\,\Phi_{156}^{5}\,\Phi_{117}^{3}\,\Phi_{78}^{2}\,\Phi_{52}^{5}\,\Phi_{39}^{3}\,\Phi_{36}^{5}\,\Phi_{26}^{2}\,\Phi_{18}^{2}\,\Phi_{13}^{3}\,\Phi_{12}^{2}\,\Phi_{9}^{3}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
130201	1725	216	$\frac{1}{24}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{216}^{9}\,\Phi_{108}^{8}\,\Phi_{72}^{9}\,\Phi_{54}^{8}\,\Phi_{36}^{8}\,\Phi_{27}^{9}\,\Phi_{24}^{3}\,\Phi_{18}^{8}\,\Phi_{12}^{3}\,\Phi_{9}^{9}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
130202	1725	2295	$\frac{1}{17}$	$\frac{2}{27}$	$\frac{16}{85}$	$\frac{1}{3}$	$\Phi_{2295}\,\Phi_{765}\,\Phi_{135}\,\Phi_{85}\,\Phi_{45}\,\Phi_{27}\,\Phi_{9}\,\Phi_{5}\,\Phi_{1}$
130203	1725	1197	$\frac{1}{57}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{56}{171}$	$\Phi_{1197}^{2}\,\Phi_{171}^{3}\,\Phi_{63}^{2}\,\Phi_{9}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
130204	1725	684	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{56}{171}$	$\Phi_{684}^{5}\,\Phi_{342}^{2}\,\Phi_{171}^{3}\,\Phi_{36}^{5}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{3}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
130205	1725	1221	$\frac{1}{37}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{12}{37}$	$\Phi_{1221}^{2}\,\Phi_{111}^{2}\,\Phi_{37}^{2}\,\Phi_{33}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
130206	1725	648	$\frac{1}{36}$	$\frac{73}{648}$	$\frac{1}{4}$	$\frac{35}{108}$	$\Phi_{648}^{3}\,\Phi_{324}^{3}\,\Phi_{216}^{3}\,\Phi_{162}^{3}\,\Phi_{81}^{3}\,\Phi_{72}^{3}\,\Phi_{36}^{3}\,\Phi_{24}^{3}\,\Phi_{18}^{3}\,\Phi_{12}^{3}\,\Phi_{9}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
130207	1725	612	$\frac{1}{34}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{11}{34}$	$\Phi_{612}^{4}\,\Phi_{306}^{4}\,\Phi_{153}^{4}\,\Phi_{36}^{5}\,\Phi_{34}^{2}\,\Phi_{18}^{5}\,\Phi_{17}^{2}\,\Phi_{9}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
130208	1725	476	$\frac{1}{34}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{11}{34}$	$\Phi_{476}^{4}\,\Phi_{238}^{4}\,\Phi_{119}^{4}\,\Phi_{34}^{2}\,\Phi_{28}^{5}\,\Phi_{17}^{2}\,\Phi_{14}^{5}\,\Phi_{7}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
130209	1725	544	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{11}{34}$	$\Phi_{544}^{4}\,\Phi_{272}^{4}\,\Phi_{34}^{2}\,\Phi_{32}^{5}\,\Phi_{17}^{2}\,\Phi_{16}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
130210	1725	102	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{11}{34}$	$\Phi_{102}^{16}\,\Phi_{51}^{16}\,\Phi_{34}^{18}\,\Phi_{17}^{18}\,\Phi_{6}^{20}\,\Phi_{3}^{20}\,\Phi_{2}^{22}\,\Phi_{1}^{23}$
130211	1725	862	$\frac{31}{862}$	$\frac{117}{862}$	$\frac{149}{862}$	$\frac{277}{862}$	$\Phi_{862}^{2}\,\Phi_{431}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
130212	1725	1038	$\frac{13}{346}$	$\frac{47}{346}$	$\frac{1}{6}$	$\frac{111}{346}$	$\Phi_{1038}^{2}\,\Phi_{519}^{2}\,\Phi_{346}\,\Phi_{173}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
130213	1725	336	$\frac{3}{56}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{53}{168}$	$\Phi_{336}^{8}\,\Phi_{168}^{7}\,\Phi_{84}^{7}\,\Phi_{48}^{8}\,\Phi_{42}^{7}\,\Phi_{24}^{7}\,\Phi_{21}^{7}\,\Phi_{16}^{3}\,\Phi_{12}^{7}\,\Phi_{8}^{3}\,\Phi_{6}^{7}\,\Phi_{4}^{2}\,\Phi_{3}^{7}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
130214	1725	832	$\frac{3}{64}$	$\frac{61}{832}$	$\frac{1}{4}$	$\frac{257}{832}$	$\Phi_{832}^{2}\,\Phi_{416}^{2}\,\Phi_{208}^{2}\,\Phi_{104}^{2}\,\Phi_{64}^{3}\,\Phi_{52}^{2}\,\Phi_{32}^{3}\,\Phi_{26}^{2}\,\Phi_{16}^{3}\,\Phi_{13}^{2}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
130215	1725	72	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{72}^{36}\,\Phi_{36}^{33}\,\Phi_{24}^{3}\,\Phi_{18}^{33}\,\Phi_{12}^{3}\,\Phi_{9}^{33}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
130216	1725	3060	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{16}{85}$	$\frac{11}{36}$	$\Phi_{3060}\,\Phi_{1530}\,\Phi_{765}\,\Phi_{180}\,\Phi_{90}\,\Phi_{85}\,\Phi_{45}\,\Phi_{36}\,\Phi_{18}\,\Phi_{9}\,\Phi_{5}\,\Phi_{1}$
130217	1725	1716	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{1716}^{2}\,\Phi_{858}\,\Phi_{429}\,\Phi_{156}^{2}\,\Phi_{132}\,\Phi_{78}\,\Phi_{52}^{2}\,\Phi_{39}\,\Phi_{33}\,\Phi_{26}\,\Phi_{13}\,\Phi_{12}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
130218	1725	1221	$\frac{2}{37}$	$\frac{1}{11}$	$\frac{7}{37}$	$\frac{10}{33}$	$\Phi_{1221}^{2}\,\Phi_{111}^{2}\,\Phi_{37}^{2}\,\Phi_{33}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
130219	1725	528	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{528}^{3}\,\Phi_{264}^{3}\,\Phi_{176}^{4}\,\Phi_{132}^{3}\,\Phi_{88}^{4}\,\Phi_{66}\,\Phi_{48}^{5}\,\Phi_{44}^{4}\,\Phi_{33}^{2}\,\Phi_{24}^{5}\,\Phi_{22}^{2}\,\Phi_{16}^{5}\,\Phi_{12}^{5}\,\Phi_{11}^{2}\,\Phi_{8}^{5}\,\Phi_{6}^{2}\,\Phi_{4}^{5}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
130220	1725	390	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{390}^{6}\,\Phi_{195}^{6}\,\Phi_{130}^{2}\,\Phi_{78}^{6}\,\Phi_{65}^{2}\,\Phi_{39}^{6}\,\Phi_{30}^{3}\,\Phi_{26}\,\Phi_{15}^{3}\,\Phi_{13}\,\Phi_{10}\,\Phi_{6}^{3}\,\Phi_{5}\,\Phi_{3}^{3}\,\Phi_{1}$
130221	1725	1188	$\frac{19}{594}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{1188}^{2}\,\Phi_{594}\,\Phi_{396}^{2}\,\Phi_{297}\,\Phi_{198}\,\Phi_{132}^{2}\,\Phi_{108}\,\Phi_{99}\,\Phi_{66}\,\Phi_{44}^{2}\,\Phi_{36}^{2}\,\Phi_{33}\,\Phi_{27}\,\Phi_{22}\,\Phi_{18}\,\Phi_{12}^{2}\,\Phi_{11}\,\Phi_{9}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
130222	1725	1064	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{37}{152}$	$\frac{2}{7}$	$\Phi_{1064}^{2}\,\Phi_{532}^{2}\,\Phi_{152}^{3}\,\Phi_{76}^{3}\,\Phi_{56}^{2}\,\Phi_{28}^{2}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
130223	1725	399	$\frac{2}{57}$	$\frac{1}{7}$	$\frac{11}{57}$	$\frac{2}{7}$	$\Phi_{399}^{4}\,\Phi_{133}^{4}\,\Phi_{57}^{6}\,\Phi_{21}^{4}\,\Phi_{19}^{6}\,\Phi_{7}^{6}\,\Phi_{3}^{6}\,\Phi_{1}^{9}$
130224	1725	364	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{364}^{6}\,\Phi_{182}^{4}\,\Phi_{91}^{4}\,\Phi_{52}^{6}\,\Phi_{28}^{3}\,\Phi_{26}^{3}\,\Phi_{14}\,\Phi_{13}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{3}\,\Phi_{1}^{3}$
130225	1725	168	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{168}^{10}\,\Phi_{84}^{10}\,\Phi_{56}^{10}\,\Phi_{42}^{8}\,\Phi_{28}^{10}\,\Phi_{24}^{15}\,\Phi_{21}^{8}\,\Phi_{14}^{8}\,\Phi_{12}^{15}\,\Phi_{8}^{15}\,\Phi_{7}^{10}\,\Phi_{6}^{12}\,\Phi_{4}^{15}\,\Phi_{3}^{12}\,\Phi_{2}^{12}\,\Phi_{1}^{15}$
130226	1725	133	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{133}^{13}\,\Phi_{19}^{12}\,\Phi_{7}^{15}\,\Phi_{1}^{15}$
130227	1725	862	$\frac{27}{862}$	$\frac{139}{862}$	$\frac{167}{862}$	$\frac{241}{862}$	$\Phi_{862}^{2}\,\Phi_{431}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
130228	1725	456	$\frac{1}{24}$	$\frac{11}{76}$	$\frac{13}{76}$	$\frac{21}{76}$	$\Phi_{456}^{4}\,\Phi_{228}^{4}\,\Phi_{152}^{4}\,\Phi_{114}^{4}\,\Phi_{76}^{3}\,\Phi_{57}^{4}\,\Phi_{38}^{3}\,\Phi_{24}^{3}\,\Phi_{19}^{3}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
130229	1725	431	$\frac{16}{431}$	$\frac{63}{431}$	$\frac{83}{431}$	$\frac{116}{431}$	$\Phi_{431}^{4}\,\Phi_{1}^{5}$
130230	1725	1038	$\frac{11}{346}$	$\frac{1}{6}$	$\frac{67}{346}$	$\frac{93}{346}$	$\Phi_{1038}^{2}\,\Phi_{519}^{2}\,\Phi_{346}\,\Phi_{173}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
130231	1725	768	$\frac{1}{64}$	$\frac{63}{256}$	$\frac{1}{4}$	$\frac{193}{768}$	$\Phi_{768}^{3}\,\Phi_{384}^{3}\,\Phi_{192}^{3}\,\Phi_{96}^{3}\,\Phi_{64}^{3}\,\Phi_{48}^{3}\,\Phi_{32}^{3}\,\Phi_{24}^{3}\,\Phi_{16}^{3}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
130232	1725	168	$\frac{1}{24}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{168}^{12}\ \Phi_{84}^{12}\ \Phi_{56}^{12}\ \Phi_{42}^{12}\ \Phi_{28}^{9}\ \Phi_{24}^{3}\ \Phi_{21}^{12}\ \Phi_{14}^{9}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{9}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130233	1725	624	$\frac{3}{52}$	$\frac{49}{624}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{624}^{3}\ \Phi_{312}^{3}\ \Phi_{208}^{3}\ \Phi_{156}^{3}\ \Phi_{104}^{3}\ \Phi_{78}^{3}\ \Phi_{48}^{3}\ \Phi_{39}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{3}\ \Phi_{1}^{3}$
130234	1725	616	$\frac{41}{616}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{616}^{3}\ \Phi_{308}^{3}\ \Phi_{154}^{3}\ \Phi_{88}^{3}\ \Phi_{77}^{3}\ \Phi_{56}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130235	1725	456	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{37}{152}$	$\frac{1}{4}$	$\Phi_{456}^{6}\ \Phi_{228}^{2}\ \Phi_{152}^{3}\ \Phi_{114}^{4}\ \Phi_{76}\ \Phi_{57}^{4}\ \Phi_{38}^{2}\ \Phi_{24}^{6}\ \Phi_{19}^{2}\ \Phi_{12}^{4}\ \Phi_{8}^{3}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130236	1725	756	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{181}{756}$	$\frac{1}{4}$	$\Phi_{756}^{2}\ \Phi_{378}^{2}\ \Phi_{252}^{2}\ \Phi_{189}^{3}\ \Phi_{126}^{2}\ \Phi_{108}^{2}\ \Phi_{84}^{2}\ \Phi_{63}^{3}\ \Phi_{54}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{3}\ \Phi_{28}^{2}\ \Phi_{27}^{3}\ \Phi_{21}^{3}\ \Phi_{18}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130237	1725	96	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{96}^{24}\ \Phi_{48}^{24}\ \Phi_{32}^{21}\ \Phi_{24}^{3}\ \Phi_{16}^{21}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130238	1725	144	$\frac{1}{36}$	$\frac{7}{36}$	$\frac{29}{144}$	$\frac{1}{4}$	$\Phi_{144}^{15}\ \Phi_{72}^{15}\ \Phi_{48}^{15}\ \Phi_{36}^{3}\ \Phi_{24}^{15}\ \Phi_{18}^{3}\ \Phi_{16}^{15}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{15}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130239	1725	228	$\frac{2}{57}$	$\frac{1}{6}$	$\frac{11}{57}$	$\frac{1}{4}$	$\Phi_{228}^{10}\ \Phi_{114}^{4}\ \Phi_{76}^{10}\ \Phi_{57}^{6}\ \Phi_{38}^{4}\ \Phi_{19}^{6}\ \Phi_{12}^{12}\ \Phi_{6}^{5}\ \Phi_{4}^{11}\ \Phi_{3}^{7}\ \Phi_{2}^{4}\ \Phi_{1}^{7}$
130240	1725	192	$\frac{7}{192}$	$\frac{31}{192}$	$\frac{37}{192}$	$\frac{1}{4}$	$\Phi_{192}^{9}\ \Phi_{96}^{9}\ \Phi_{64}^{9}\ \Phi_{48}^{9}\ \Phi_{32}^{9}\ \Phi_{24}^{9}\ \Phi_{16}^{9}\ \Phi_{12}^{9}\ \Phi_{8}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
130241	1725	2380	$\frac{1}{17}$	$\frac{3}{28}$	$\frac{16}{85}$	$\frac{1}{4}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{595}\ \Phi_{140}\ \Phi_{85}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
130242	1725	128	$\frac{1}{16}$	$\frac{13}{128}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{128}^{15}\ \Phi_{64}^{15}\ \Phi_{32}^{15}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130243	1725	112	$\frac{1}{16}$	$\frac{3}{28}$	$\frac{5}{28}$	$\frac{1}{4}$	$\Phi_{112}^{16}\ \Phi_{56}^{16}\ \Phi_{28}^{12}\ \Phi_{16}^{19}\ \Phi_{14}^{12}\ \Phi_{8}^{19}\ \Phi_{7}^{12}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
130244	1725	24	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{24}^{75}\ \Phi_{12}^{67}\ \Phi_{8}^{75}\ \Phi_{6}^{71}\ \Phi_{4}^{66}\ \Phi_{3}^{71}\ \Phi_{2}^{70}\ \Phi_{1}^{71}$
130245	1725	684	$\frac{5}{114}$	$\frac{109}{684}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{684}^{3}\ \Phi_{342}^{3}\ \Phi_{228}\ \Phi_{171}^{3}\ \Phi_{114}^{2}\ \Phi_{76}\ \Phi_{57}^{2}\ \Phi_{38}^{2}\ \Phi_{36}^{3}\ \Phi_{19}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130246	1725	1596	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1596}^{2}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{133}\ \Phi_{84}^{2}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
130247	1725	672	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{97}{672}$	$\frac{1}{4}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}^{3}\ \Phi_{168}^{3}\ \Phi_{96}^{3}\ \Phi_{84}^{3}\ \Phi_{48}^{3}\ \Phi_{42}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130248	1725	252	$\frac{11}{126}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{4}$	$\Phi_{252}^{9}\ \Phi_{126}^{4}\ \Phi_{84}^{9}\ \Phi_{63}^{5}\ \Phi_{42}^{4}\ \Phi_{36}^{10}\ \Phi_{28}^{9}\ \Phi_{21}^{5}\ \Phi_{18}^{5}\ \Phi_{14}^{4}\ \Phi_{12}^{10}\ \Phi_{9}^{5}\ \Phi_{7}^{5}\ \Phi_{6}^{5}\ \Phi_{4}^{9}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
130249	1725	648	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{648}$	$\frac{1}{4}$	$\Phi_{648}^{3}\ \Phi_{324}^{2}\ \Phi_{216}^{3}\ \Phi_{162}^{2}\ \Phi_{108}^{2}\ \Phi_{81}^{3}\ \Phi_{72}^{3}\ \Phi_{54}^{2}\ \Phi_{36}^{3}\ \Phi_{27}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
130250	1725	2720	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{16}{85}$	$\frac{7}{32}$	$\Phi_{2720}\ \Phi_{1360}\ \Phi_{160}\ \Phi_{85}\ \Phi_{80}\ \Phi_{32}\ \Phi_{16}\ \Phi_{5}\ \Phi_{1}$
130251	1725	510	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{16}{85}$	$\Phi_{510}^{4}\ \Phi_{255}^{4}\ \Phi_{170}^{4}\ \Phi_{85}^{5}\ \Phi_{30}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
130252	1726	1722	$\frac{2}{861}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{859}{1722}$	$\Phi_{1722}^{2}\ \Phi_{574}^{2}\ \Phi_{246}^{2}\ \Phi_{82}^{2}\ \Phi_{42}^{2}\ \Phi_{14}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
130253	1726	1380	$\frac{1}{345}$	$\frac{173}{690}$	$\frac{517}{1380}$	$\frac{172}{345}$	$\Phi_{1380}^{2}\ \Phi_{460}^{2}\ \Phi_{345}\ \Phi_{276}^{2}\ \Phi_{115}\ \Phi_{92}^{2}\ \Phi_{69}\ \Phi_{60}^{2}\ \Phi_{23}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
130254	1726	1152	$\frac{1}{288}$	$\frac{289}{1152}$	$\frac{1}{3}$	$\frac{287}{576}$	$\Phi_{1152}^{2}\ \Phi_{384}^{2}\ \Phi_{288}^{2}\ \Phi_{144}^{2}\ \Phi_{128}^{2}\ \Phi_{96}^{2}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{32}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
130255	1726	1720	$\frac{3}{860}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{857}{1720}$	$\Phi_{1720}^{2}\ \Phi_{344}^{2}\ \Phi_{40}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
130256	1726	5160	$\frac{3}{860}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{857}{1720}$	$\Phi_{5160}\ \Phi_{1032}\ \Phi_{120}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
130257	1726	1719	$\frac{7}{1719}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{856}{1719}$	$\Phi_{1719}\ \Phi_{573}\ \Phi_{191}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
130258	1726	1716	$\frac{5}{858}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{853}{1716}$	$\Phi_{1716}^{2}\ \Phi_{572}^{2}\ \Phi_{156}^{2}\ \Phi_{132}^{2}\ \Phi_{52}^{2}\ \Phi_{44}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
130259	1726	5136	$\frac{7}{856}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{849}{1712}$	$\Phi_{5136}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
130260	1726	1610	$\frac{1}{115}$	$\frac{58}{805}$	$\frac{747}{1610}$	$\frac{57}{115}$	$\Phi_{1610}^{2}\ \Phi_{322}^{2}\ \Phi_{230}^{2}\ \Phi_{115}\ \Phi_{70}^{2}\ \Phi_{46}^{2}\ \Phi_{23}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{5}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
130261	1726	1710	$\frac{8}{855}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{847}{1710}$	$\Phi_{1710}^{2}\ \Phi_{570}^{2}\ \Phi_{342}^{2}\ \Phi_{190}^{2}\ \Phi_{114}^{2}\ \Phi_{90}^{2}\ \Phi_{38}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
130262	1726	1710	$\frac{8}{855}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{847}{1710}$	$\Phi_{1710}^{2}\ \Phi_{570}^{2}\ \Phi_{342}^{2}\ \Phi_{190}^{2}\ \Phi_{114}^{2}\ \Phi_{90}^{2}\ \Phi_{38}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
130263	1726	960	$\frac{1}{96}$	$\frac{97}{960}$	$\frac{1}{3}$	$\frac{95}{192}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130264	1726	1704	$\frac{11}{852}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{841}{1704}$	$\Phi_{1704}^2\ \Phi_{568}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130265	1726	1650	$\frac{1}{75}$	$\frac{38}{825}$	$\frac{787}{1650}$	$\frac{37}{75}$	$\Phi_{1650}^2\ \Phi_{550}^2\ \Phi_{330}^2\ \Phi_{150}^2\ \Phi_{110}^2\ \Phi_{75}\ \Phi_{66}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{22}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130266	1726	1702	$\frac{12}{851}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{839}{1702}$	$\Phi_{1702}^2\ \Phi_{74}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_2^2\ \Phi_1^2$
130267	1726	1656	$\frac{1}{69}$	$\frac{35}{828}$	$\frac{793}{1656}$	$\frac{34}{69}$	$\Phi_{1656}^2\ \Phi_{552}^2\ \Phi_{184}^2\ \Phi_{72}^2\ \Phi_{69}\ \Phi_{24}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
130268	1726	1242	$\frac{1}{69}$	$\frac{35}{414}$	$\frac{379}{1242}$	$\frac{34}{69}$	$\Phi_{1242}^2\ \Phi_{621}^2\ \Phi_{69}\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{23}\ \Phi_3\ \Phi_1^2$
130269	1726	966	$\frac{1}{69}$	$\frac{103}{966}$	$\frac{35}{138}$	$\frac{34}{69}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{69}\ \Phi_{42}^2\ \Phi_{23}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
130270	1726	1104	$\frac{1}{69}$	$\frac{35}{276}$	$\frac{241}{1104}$	$\frac{34}{69}$	$\Phi_{1104}^2\ \Phi_{552}^2\ \Phi_{368}^2\ \Phi_{184}^2\ \Phi_{69}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
130271	1726	1035	$\frac{1}{69}$	$\frac{172}{1035}$	$\frac{35}{207}$	$\frac{34}{69}$	$\Phi_{1035}^2\ \Phi_{345}^2\ \Phi_{115}^2\ \Phi_{69}\ \Phi_{45}^2\ \Phi_{23}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
130272	1726	1701	$\frac{25}{1701}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{838}{1701}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{243}\ \Phi_{189}\ \Phi_{81}\ \Phi_{63}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
130273	1726	1700	$\frac{13}{850}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{837}{1700}$	$\Phi_{1700}^2\ \Phi_{340}^2\ \Phi_{100}^2\ \Phi_{68}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
130274	1726	5088	$\frac{15}{848}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{833}{1696}$	$\Phi_{5088}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
130275	1726	1692	$\frac{17}{846}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{829}{1692}$	$\Phi_{1692}^2\ \Phi_{564}^2\ \Phi_{188}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130276	1726	1680	$\frac{23}{840}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{817}{1680}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130277	1726	1680	$\frac{23}{840}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{817}{1680}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130278	1726	1674	$\frac{26}{837}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{811}{1674}$	$\Phi_{1674}^2\ \Phi_{558}^2\ \Phi_{186}^2\ \Phi_{62}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130279	1726	2688	$\frac{1}{32}$	$\frac{33}{896}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
130280	1726	4992	$\frac{1}{32}$	$\frac{31}{832}$	$\frac{1}{3}$	$\frac{801}{1664}$	$\Phi_{4992}\ \Phi_{384}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
130281	1726	1275	$\frac{13}{425}$	$\frac{1}{25}$	$\frac{412}{1275}$	$\frac{12}{25}$	$\Phi_{1275}^2\ \Phi_{255}^2\ \Phi_{75}^2\ \Phi_{51}^2\ \Phi_{25}\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
130282	1726	900	$\frac{1}{25}$	$\frac{37}{900}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
130283	1726	1656	$\frac{1}{36}$	$\frac{35}{828}$	$\frac{1}{3}$	$\frac{793}{1656}$	$\Phi_{1656}^2\ \Phi_{552}^2\ \Phi_{184}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130284	1726	1656	$\frac{35}{828}$	$\frac{1}{23}$	$\frac{11}{46}$	$\frac{793}{1656}$	$\Phi_{1656}^2\ \Phi_{552}^2\ \Phi_{184}^2\ \Phi_{72}^2\ \Phi_{46}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
130285	1726	1632	$\frac{1}{48}$	$\frac{47}{816}$	$\frac{1}{3}$	$\frac{769}{1632}$	$\Phi_{1632}^2\ \Phi_{544}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130286	1726	1625	$\frac{1}{25}$	$\frac{101}{1625}$	$\frac{24}{125}$	$\frac{762}{1625}$	$\Phi_{1625}\ \Phi_{325}\ \Phi_{125}^2\ \Phi_{65}\ \Phi_{25}\ \Phi_{13}\ \Phi_5\ \Phi_1^2$
130287	1726	1620	$\frac{1}{54}$	$\frac{53}{810}$	$\frac{1}{3}$	$\frac{757}{1620}$	$\Phi_{1620}^2\ \Phi_{540}^2\ \Phi_{324}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130288	1726	1140	$\frac{8}{285}$	$\frac{1}{15}$	$\frac{277}{1140}$	$\frac{7}{15}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{228}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{60}^2\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130289	1726	900	$\frac{37}{900}$	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130290	1726	1050	$\frac{1}{25}$	$\frac{12}{175}$	$\frac{187}{1050}$	$\frac{163}{350}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
130291	1726	1584	$\frac{1}{72}$	$\frac{71}{792}$	$\frac{1}{3}$	$\frac{721}{1584}$	$\Phi_{1584}^2\ \Phi_{528}^2\ \Phi_{176}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130292	1726	1575	$\frac{1}{75}$	$\frac{151}{1575}$	$\frac{74}{225}$	$\frac{712}{1575}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}^2\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
130293	1726	1575	$\frac{1}{25}$	$\frac{151}{1575}$	$\frac{24}{175}$	$\frac{712}{1575}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}^2\ \Phi_{105}\ \Phi_{75}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_9\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
130294	1726	1000	$\frac{1}{25}$	$\frac{12}{125}$	$\frac{137}{1000}$	$\frac{113}{250}$	$\Phi_{1000}^2\ \Phi_{500}^2\ \Phi_{200}^2\ \Phi_{125}^2\ \Phi_{100}^2\ \Phi_{40}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
130295	1726	1200	$\frac{1}{75}$	$\frac{37}{300}$	$\frac{337}{1200}$	$\frac{263}{600}$	$\Phi_{1200}^2\ \Phi_{400}^2\ \Phi_{300}^2\ \Phi_{240}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{48}^2$ $\Phi_{30}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130296	1726	1536	$\frac{1}{96}$	$\frac{95}{768}$	$\frac{1}{3}$	$\frac{673}{1536}$	$\Phi_{1536}^2\ \Phi_{512}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2$ Φ_1^2
130297	1726	1512	$\frac{1}{108}$	$\frac{107}{756}$	$\frac{1}{3}$	$\frac{649}{1512}$	$\Phi_{1512}^2\ \Phi_{504}^2\ \Phi_{216}^2\ \Phi_{168}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2$ $\Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130298	1726	1500	$\frac{1}{75}$	$\frac{113}{750}$	$\frac{37}{150}$	$\frac{637}{1500}$	$\Phi_{1500}^2\ \Phi_{500}^2\ \Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{20}^2$ $\Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130299	1726	1500	$\frac{1}{25}$	$\frac{12}{125}$	$\frac{113}{750}$	$\frac{637}{1500}$	$\Phi_{1500}^2\ \Phi_{500}^2\ \Phi_{300}^2\ \Phi_{125}^2\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
130300	1726	1440	$\frac{1}{144}$	$\frac{143}{720}$	$\frac{1}{3}$	$\frac{577}{1440}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}^2\ \Phi_{160}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}^2$ $\Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130301	1726	1290	$\frac{3}{430}$	$\frac{1}{5}$	$\frac{427}{1290}$	$\frac{2}{5}$	$\Phi_{1290}^2\ \Phi_{645}^2\ \Phi_{258}^2\ \Phi_{129}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
130302	1726	870	$\frac{7}{870}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{870}^2\ \Phi_{435}^2\ \Phi_{290}^2\ \Phi_{174}^2\ \Phi_{145}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{30}^2\ \Phi_{29}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5$ $\Phi_3^2\ \Phi_1^2$
130303	1726	1075	$\frac{3}{215}$	$\frac{212}{1075}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1075}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
130304	1726	880	$\frac{17}{880}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{176}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{80}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{22}^2\ \Phi_{16}^2$ $\Phi_{11}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
130305	1726	1400	$\frac{1}{25}$	$\frac{12}{175}$	$\frac{163}{700}$	$\frac{537}{1400}$	$\Phi_{1400}^2\ \Phi_{280}^2\ \Phi_{200}^2\ \Phi_{175}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{25}\ \Phi_8^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
130306	1726	900	$\frac{37}{900}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{45}^2$ $\Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130307	1726	920	$\frac{1}{23}$	$\frac{57}{920}$	$\frac{11}{46}$	$\frac{35}{92}$	$\Phi_{920}^2\ \Phi_{460}^2\ \Phi_{230}^2\ \Phi_{184}^2\ \Phi_{115}^2\ \Phi_{46}^2\ \Phi_{40}^2\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2$ $\Phi_2^2\ \Phi_1^2$
130308	1726	1380	$\frac{1}{115}$	$\frac{57}{230}$	$\frac{173}{690}$	$\frac{517}{1380}$	$\Phi_{1380}^2\ \Phi_{460}^2\ \Phi_{276}^2\ \Phi_{230}^2\ \Phi_{115}\ \Phi_{92}^2\ \Phi_{60}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{12}^2$ $\Phi_{10}^2\ \Phi_5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
130309	1726	1350	$\frac{1}{75}$	$\frac{37}{225}$	$\frac{188}{675}$	$\frac{487}{1350}$	$\Phi_{1350}^2\ \Phi_{450}^2\ \Phi_{270}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}\ \Phi_{54}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{30}^2$ $\Phi_{25}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130310	1726	1311	$\frac{1}{23}$	$\frac{22}{437}$	$\frac{415}{1311}$	$\frac{448}{1311}$	$\Phi_{1311}\ \Phi_{437}^2\ \Phi_{69}\ \Phi_{57}\ \Phi_{23}\ \Phi_{19}^2\ \Phi_3\ \Phi_1^2$
130311	1726	1305	$\frac{14}{435}$	$\frac{1}{15}$	$\frac{421}{1305}$	$\frac{442}{1305}$	$\Phi_{1305}\ \Phi_{435}^2\ \Phi_{261}\ \Phi_{145}^2\ \Phi_{87}^2\ \Phi_{45}\ \Phi_{29}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
130312	1726	1296	$\frac{1}{216}$	$\frac{215}{648}$	$\frac{1}{3}$	$\frac{433}{1296}$	$\Phi_{1296}^2\ \Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2$ $\Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130313	1726	984	$\frac{2}{123}$	$\frac{121}{984}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{984}^2\ \Phi_{492}^2\ \Phi_{328}^2\ \Phi_{246}^2\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3$ $\Phi_2^2\ \Phi_1^2$
130314	1726	882	$\frac{19}{882}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{294}^2\ \Phi_{147}^2\ \Phi_{126}^2\ \Phi_{98}^2\ \Phi_{63}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2$ $\Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130315	1726	972	$\frac{1}{54}$	$\frac{109}{972}$	$\frac{53}{162}$	$\frac{1}{3}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{243}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2$ $\Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130316	1726	891	$\frac{28}{891}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{99}^2\ \Phi_{81}\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
130317	1726	1248	$\frac{1}{32}$	$\frac{31}{416}$	$\frac{385}{1248}$	$\frac{1}{3}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}^2\ \Phi_{312}\ \Phi_{208}^2\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{96}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{48}^2$ $\Phi_{39}\ \Phi_{32}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130318	1726	1152	$\frac{1}{96}$	$\frac{95}{384}$	$\frac{289}{1152}$	$\frac{1}{3}$	$\Phi_{1152}^2\ \Phi_{576}^2\ \Phi_{288}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2$ $\Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130319	1726	1032	$\frac{3}{172}$	$\frac{169}{1032}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1032}^2\ \Phi_{516}\ \Phi_{344}^2\ \Phi_{258}\ \Phi_{172}^2\ \Phi_{129}\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2$ $\Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130320	1726	2640	$\frac{17}{880}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}$ $\Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
130321	1726	1134	$\frac{25}{567}$	$\frac{2}{27}$	$\frac{271}{1134}$	$\frac{1}{3}$	$\Phi_{1134}^2\ \Phi_{567}\ \Phi_{378}^2\ \Phi_{189}\ \Phi_{162}^2\ \Phi_{126}^2\ \Phi_{81}\ \Phi_{63}\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{27}^2$ $\Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130322	1726	1080	$\frac{1}{54}$	$\frac{53}{270}$	$\frac{217}{1080}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{40}^2$ $\Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
130323	1726	960	$\frac{1}{24}$	$\frac{97}{960}$	$\frac{23}{120}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130324	1726	900	$\frac{37}{900}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130325	1726	936	$\frac{5}{78}$	$\frac{73}{936}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130326	1726	924	$\frac{61}{924}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130327	1726	1026	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{163}{1026}$	$\frac{1}{3}$	$\Phi_{1026}^2\ \Phi_{513}^2\ \Phi_{342}^2\ \Phi_{114}^2\ \Phi_{54}^2\ \Phi_{38}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130328	1726	1008	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{145}{1008}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130329	1726	945	$\frac{2}{27}$	$\frac{82}{945}$	$\frac{25}{189}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
130330	1726	972	$\frac{2}{27}$	$\frac{25}{243}$	$\frac{109}{972}$	$\frac{1}{3}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{243}\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130331	1726	1260	$\frac{23}{420}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{397}{1260}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130332	1726	1242	$\frac{1}{23}$	$\frac{35}{414}$	$\frac{11}{46}$	$\frac{379}{1242}$	$\Phi_{1242}^2\ \Phi_{621}^2\ \Phi_{54}^2\ \Phi_{46}^2\ \Phi_{27}^2\ \Phi_{23}\ \Phi_2^2\ \Phi_1^2$
130333	1726	1125	$\frac{1}{25}$	$\frac{12}{125}$	$\frac{262}{1125}$	$\frac{113}{375}$	$\Phi_{1125}^2\ \Phi_{225}^2\ \Phi_{125}^2\ \Phi_{45}^2\ \Phi_{25}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
130334	1726	1050	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{187}{1050}$	$\frac{151}{525}$	$\Phi_{1050}^2\ \Phi_{525}\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130335	1726	966	$\frac{1}{23}$	$\frac{103}{966}$	$\frac{11}{46}$	$\frac{35}{138}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{46}^2\ \Phi_{42}^2\ \Phi_{23}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_2^2\ \Phi_1^2$
130336	1726	1104	$\frac{1}{23}$	$\frac{35}{276}$	$\frac{241}{1104}$	$\frac{11}{46}$	$\Phi_{1104}^2\ \Phi_{552}^2\ \Phi_{368}^2\ \Phi_{184}^2\ \Phi_{48}^2\ \Phi_{46}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
130337	1726	960	$\frac{1}{15}$	$\frac{97}{960}$	$\frac{23}{120}$	$\frac{7}{30}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130338	1726	1050	$\frac{1}{15}$	$\frac{23}{210}$	$\frac{187}{1050}$	$\frac{7}{30}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
130339	1727	1560	$\frac{1}{156}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{155}{312}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}^3\ \Phi_{120}^2\ \Phi_{104}^3\ \Phi_{40}^2\ \Phi_{24}^3\ \Phi_{20}\ \Phi_8^3\ \Phi_4\ \Phi_1$
130340	1727	1560	$\frac{1}{156}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{155}{312}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}^3\ \Phi_{120}^2\ \Phi_{104}^3\ \Phi_{40}^2\ \Phi_{24}^3\ \Phi_{15}\ \Phi_8^3\ \Phi_3\ \Phi_1$
130341	1727	3180	$\frac{2}{159}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{3180}\ \Phi_{1060}\ \Phi_{636}\ \Phi_{212}\ \Phi_{159}\ \Phi_{53}\ \Phi_{20}\ \Phi_4\ \Phi_1$
130342	1727	2340	$\frac{1}{78}$	$\frac{1}{10}$	$\frac{77}{234}$	$\frac{9}{20}$	$\Phi_{2340}^2\ \Phi_{468}^2\ \Phi_{234}\ \Phi_{180}^2\ \Phi_{117}\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
130343	1727	160	$\frac{3}{160}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{160}^{11}\ \Phi_{80}^{11}\ \Phi_{40}^{11}\ \Phi_{32}^{11}\ \Phi_{20}^{10}\ \Phi_{16}^{11}\ \Phi_{10}^9\ \Phi_8^{11}\ \Phi_5^9\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
130344	1727	1040	$\frac{1}{52}$	$\frac{1}{10}$	$\frac{51}{208}$	$\frac{9}{20}$	$\Phi_{1040}^2\ \Phi_{520}^2\ \Phi_{208}^3\ \Phi_{104}^3\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{20}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
130345	1727	780	$\frac{1}{39}$	$\frac{1}{10}$	$\frac{38}{195}$	$\frac{9}{20}$	$\Phi_{780}^4\ \Phi_{260}^4\ \Phi_{195}\ \Phi_{156}^4\ \Phi_{65}\ \Phi_{60}^4\ \Phi_{52}^4\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{12}^4\ \Phi_5\ \Phi_4^5\ \Phi_1$
130346	1727	1620	$\frac{5}{162}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{1620}^2\ \Phi_{540}^2\ \Phi_{324}^2\ \Phi_{180}^2\ \Phi_{162}\ \Phi_{108}^2\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
130347	1727	1820	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{25}{182}$	$\frac{9}{20}$	$\Phi_{1820}^2\ \Phi_{364}^2\ \Phi_{182}\ \Phi_{140}^2\ \Phi_{91}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
130348	1727	840	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^3\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{20}\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4\ \Phi_1$
130349	1727	3380	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{3380}\ \Phi_{676}\ \Phi_{169}\ \Phi_{20}\ \Phi_4\ \Phi_1$
130350	1727	1422	$\frac{1}{158}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1422}\ \Phi_{711}\ \Phi_{474}^2\ \Phi_{237}^2\ \Phi_{158}\ \Phi_{79}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
130351	1727	1264	$\frac{1}{158}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1264}^2\ \Phi_{316}^2\ \Phi_{158}\ \Phi_{79}\ \Phi_{16}\ \Phi_4\ \Phi_1$
130352	1727	795	$\frac{2}{159}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{795}^2\ \Phi_{265}^2\ \Phi_{159}^3\ \Phi_{53}^3\ \Phi_{15}\ \Phi_3\ \Phi_1$
130353	1727	1170	$\frac{1}{78}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{77}{234}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{234}^3\ \Phi_{117}^3\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_9^3\ \Phi_3\ \Phi_1$
130354	1727	480	$\frac{3}{160}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{480}^5\ \Phi_{240}^5\ \Phi_{160}\ \Phi_{120}^5\ \Phi_{96}^5\ \Phi_{80}\ \Phi_{60}^4\ \Phi_{48}^5\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}^4\ \Phi_{24}^5\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}\ \Phi_8\ \Phi_6^4\ \Phi_5\ \Phi_3^5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
130355	1727	3120	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{51}{208}$	$\frac{4}{15}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{624}\ \Phi_{312}\ \Phi_{240}\ \Phi_{208}\ \Phi_{120}\ \Phi_{104}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
130356	1727	195	$\frac{1}{39}$	$\frac{38}{195}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{195}^{9}\ \Phi_{65}^{9}\ \Phi_{39}^{8}\ \Phi_{15}^{10}\ \Phi_{13}^{8}\ \Phi_{5}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{9}$
130357	1727	810	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{810}^{2}\ \Phi_{405}^{2}\ \Phi_{270}^{2}\ \Phi_{162}^{3}\ \Phi_{135}^{2}\ \Phi_{90}^{2}\ \Phi_{81}^{3}\ \Phi_{54}^{3}\ \Phi_{45}^{2}\ \Phi_{27}^{3}\ \Phi_{18}^{3}\ \Phi_{15}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$
130358	1727	2730	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{273}\ \Phi_{210}\ \Phi_{182}\ \Phi_{105}\ \Phi_{91}\ \Phi_{42}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
130359	1727	840	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{3}\ \Phi_{140}^{2}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{3}\ \Phi_{70}^{2}\ \Phi_{56}^{3}\ \Phi_{42}^{3}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{15}\ \Phi_{14}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{3}\ \Phi_{1}$
130360	1727	2535	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2535}\ \Phi_{507}\ \Phi_{169}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
130361	1728	1293	$\frac{1}{431}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{215}{431}$	$\Phi_{1293}\ \Phi_{431}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
130362	1728	1727	$\frac{5}{1727}$	$\frac{433}{1727}$	$\frac{647}{1727}$	$\frac{861}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130363	1728	2595	$\frac{3}{865}$	$\frac{217}{865}$	$\frac{1}{3}$	$\frac{431}{865}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130364	1728	1435	$\frac{1}{287}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{143}{287}$	$\Phi_{1435}\ \Phi_{287}^{2}\ \Phi_{205}\ \Phi_{41}^{2}\ \Phi_{35}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
130365	1728	3444	$\frac{1}{287}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{143}{287}$	$\Phi_{3444}\ \Phi_{1722}\ \Phi_{492}\ \Phi_{246}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
130366	1728	1727	$\frac{7}{1727}$	$\frac{289}{1727}$	$\frac{719}{1727}$	$\frac{860}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130367	1728	1505	$\frac{1}{215}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{107}{215}$	$\Phi_{1505}\ \Phi_{301}\ \Phi_{215}^{2}\ \Phi_{43}^{2}\ \Phi_{35}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
130368	1728	645	$\frac{1}{215}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{107}{215}$	$\Phi_{645}^{4}\ \Phi_{129}^{4}\ \Phi_{15}^{5}\ \Phi_{3}^{4}$
130369	1728	2308	$\frac{3}{577}$	$\frac{1}{4}$	$\frac{145}{577}$	$\frac{287}{577}$	$\Phi_{2308}\ \Phi_{1154}$
130370	1728	1727	$\frac{9}{1727}$	$\frac{217}{1727}$	$\frac{755}{1727}$	$\frac{859}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130371	1728	1727	$\frac{9}{1727}$	$\frac{431}{1727}$	$\frac{434}{1727}$	$\frac{859}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130372	1728	3056	$\frac{1}{191}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{95}{191}$	$\Phi_{3056}\ \Phi_{191}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
130373	1728	764	$\frac{1}{191}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{95}{191}$	$\Phi_{764}^{2}\ \Phi_{382}^{2}\ \Phi_{191}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
130374	1728	519	$\frac{1}{173}$	$\frac{29}{173}$	$\frac{1}{3}$	$\frac{86}{173}$	$\Phi_{519}^{5}\ \Phi_{3}^{4}$
130375	1728	785	$\frac{1}{157}$	$\frac{79}{785}$	$\frac{353}{785}$	$\frac{78}{157}$	$\Phi_{785}^{2}\ \Phi_{157}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
130376	1728	2165	$\frac{3}{433}$	$\frac{1}{5}$	$\frac{109}{433}$	$\frac{215}{433}$	Φ_{2165}
130377	1728	143	$\frac{1}{143}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{71}{143}$	$\Phi_{143}^{12}\ \Phi_{13}^{12}\ \Phi_{11}^{13}\ \Phi_{1}^{14}$
130378	1728	3003	$\frac{1}{143}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{71}{143}$	$\Phi_{3003}\ \Phi_{273}\ \Phi_{231}\ \Phi_{21}^{2}$
130379	1728	143	$\frac{1}{143}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{71}{143}$	$\Phi_{143}^{12}\ \Phi_{13}^{12}\ \Phi_{11}^{13}\ \Phi_{1}^{14}$
130380	1728	2860	$\frac{1}{143}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{71}{143}$	$\Phi_{2860}\ \Phi_{1430}\ \Phi_{260}\ \Phi_{220}\ \Phi_{130}\ \Phi_{110}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
130381	1728	1727	$\frac{13}{1727}$	$\frac{145}{1727}$	$\frac{791}{1727}$	$\frac{857}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130382	1728	1727	$\frac{13}{1727}$	$\frac{290}{1727}$	$\frac{479}{1727}$	$\frac{857}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130383	1728	1727	$\frac{13}{1727}$	$\frac{323}{1727}$	$\frac{435}{1727}$	$\frac{857}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130384	1728	2595	$\frac{7}{865}$	$\frac{109}{865}$	$\frac{1}{3}$	$\frac{429}{865}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130385	1728	2308	$\frac{5}{577}$	$\frac{97}{577}$	$\frac{1}{4}$	$\frac{286}{577}$	$\Phi_{2308}\ \Phi_{1154}$
130386	1728	1605	$\frac{1}{107}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{53}{107}$	$\Phi_{1605}\ \Phi_{535}\ \Phi_{321}\ \Phi_{107}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
130387	1728	963	$\frac{1}{107}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{53}{107}$	$\Phi_{963}^{2}\ \Phi_{321}\ \Phi_{107}^{2}\ \Phi_{9}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
130388	1728	535	$\frac{1}{107}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{53}{107}$	$\Phi_{535}^{3}\ \Phi_{107}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
130389	1728	1727	$\frac{17}{1727}$	$\frac{109}{1727}$	$\frac{809}{1727}$	$\frac{855}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130390	1728	1727	$\frac{17}{1727}$	$\frac{218}{1727}$	$\frac{503}{1727}$	$\frac{855}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130391	1728	2023	$\frac{3}{289}$	$\frac{1}{7}$	$\frac{73}{289}$	$\frac{143}{289}$	$\Phi_{2023}\ \Phi_{119}$
130392	1728	1615	$\frac{1}{95}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{47}{95}$	$\Phi_{1615}\ \Phi_{323}\ \Phi_{95}^{2}\ \Phi_{85}\ \Phi_{19}^{2}\ \Phi_{17}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
130393	1728	570	$\frac{1}{95}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{47}{95}$	$\Phi_{570}^5\ \Phi_{285}^4\ \Phi_{114}^5\ \Phi_{57}^4\ \Phi_{30}^6\ \Phi_{15}^5\ \Phi_{6}^6\ \Phi_{3}^4$
130394	1728	1615	$\frac{1}{95}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{47}{95}$	$\Phi_{1615}\ \Phi_{323}\ \Phi_{95}^2\ \Phi_{85}\ \Phi_{19}^2\ \Phi_{17}^2\ \Phi_{5}^2\ \Phi_{1}^4$
130395	1728	2660	$\frac{1}{95}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{47}{95}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{532}\ \Phi_{266}\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}^2\ \Phi_{14}^2$
130396	1728	1727	$\frac{19}{1727}$	$\frac{97}{1727}$	$\frac{815}{1727}$	$\frac{854}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130397	1728	1727	$\frac{19}{1727}$	$\frac{291}{1727}$	$\frac{359}{1727}$	$\frac{854}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130398	1728	2165	$\frac{5}{433}$	$\frac{73}{433}$	$\frac{1}{5}$	$\frac{214}{433}$	Φ_{2165}
130399	1728	2308	$\frac{7}{577}$	$\frac{73}{577}$	$\frac{1}{4}$	$\frac{285}{577}$	$\Phi_{2308}\ \Phi_{1154}$
130400	1728	1727	$\frac{21}{1727}$	$\frac{215}{1727}$	$\frac{437}{1727}$	$\frac{853}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130401	1728	2595	$\frac{11}{865}$	$\frac{73}{865}$	$\frac{1}{3}$	$\frac{427}{865}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130402	1728	1953	$\frac{3}{217}$	$\frac{1}{9}$	$\frac{55}{217}$	$\frac{107}{217}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{279}\ \Phi_{93}\ \Phi_{63}\ \Phi_{21}$
130403	1728	1633	$\frac{1}{71}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{35}{71}$	$\Phi_{1633}\ \Phi_{71}^2\ \Phi_{23}^2\ \Phi_{1}^4$
130404	1728	2769	$\frac{1}{71}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{35}{71}$	$\Phi_{2769}\ \Phi_{39}^2$
130405	1728	1633	$\frac{1}{71}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{35}{71}$	$\Phi_{1633}\ \Phi_{71}^2\ \Phi_{23}^2\ \Phi_{1}^4$
130406	1728	2556	$\frac{1}{71}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{35}{71}$	$\Phi_{2556}\ \Phi_{1278}\ \Phi_{852}\ \Phi_{426}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{6}^2$
130407	1728	1633	$\frac{1}{71}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{35}{71}$	$\Phi_{1633}\ \Phi_{71}^2\ \Phi_{23}^2\ \Phi_{1}^4$
130408	1728	2485	$\frac{1}{71}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{35}{71}$	$\Phi_{2485}\ \Phi_{35}^2$
130409	1728	1727	$\frac{25}{1727}$	$\frac{73}{1727}$	$\frac{827}{1727}$	$\frac{851}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130410	1728	1727	$\frac{25}{1727}$	$\frac{146}{1727}$	$\frac{527}{1727}$	$\frac{851}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130411	1728	1727	$\frac{25}{1727}$	$\frac{219}{1727}$	$\frac{377}{1727}$	$\frac{851}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130412	1728	1930	$\frac{3}{193}$	$\frac{1}{10}$	$\frac{49}{193}$	$\frac{95}{193}$	$\Phi_{1930}\ \Phi_{965}\ \Phi_{386}$
130413	1728	3276	$\frac{1}{63}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{31}{63}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}\ \Phi_{156}\ \Phi_{84}\ \Phi_{63}\ \Phi_{52}^2\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
130414	1728	819	$\frac{1}{63}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{31}{63}$	$\Phi_{819}^2\ \Phi_{273}^2\ \Phi_{117}^2\ \Phi_{91}^2\ \Phi_{63}^3\ \Phi_{39}^2\ \Phi_{21}^3\ \Phi_{13}^4\ \Phi_{9}^3\ \Phi_{7}^3\ \Phi_{3}^3\ \Phi_{1}^6$
130415	1728	1260	$\frac{1}{63}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{31}{63}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
130416	1728	2165	$\frac{7}{433}$	$\frac{55}{433}$	$\frac{1}{5}$	$\frac{213}{433}$	Φ_{2165}
130417	1728	1727	$\frac{29}{1727}$	$\frac{161}{1727}$	$\frac{439}{1727}$	$\frac{849}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130418	1728	2023	$\frac{5}{289}$	$\frac{1}{7}$	$\frac{49}{289}$	$\frac{142}{289}$	$\Phi_{2023}\ \Phi_{119}$
130419	1728	519	$\frac{3}{173}$	$\frac{11}{173}$	$\frac{1}{3}$	$\frac{85}{173}$	$\Phi_{519}^5\ \Phi_{3}^4$
130420	1728	1727	$\frac{31}{1727}$	$\frac{239}{1727}$	$\frac{293}{1727}$	$\frac{848}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130421	1728	1643	$\frac{1}{53}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{26}{53}$	$\Phi_{1643}\ \Phi_{53}^2\ \Phi_{31}^2\ \Phi_{1}^4$
130422	1728	2703	$\frac{1}{53}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{2703}\ \Phi_{51}^2$
130423	1728	1643	$\frac{1}{53}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{26}{53}$	$\Phi_{1643}\ \Phi_{53}^2\ \Phi_{31}^2\ \Phi_{1}^4$
130424	1728	2385	$\frac{1}{53}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{26}{53}$	$\Phi_{2385}\ \Phi_{795}\ \Phi_{45}^2\ \Phi_{15}^2$
130425	1728	2308	$\frac{11}{577}$	$\frac{49}{577}$	$\frac{1}{4}$	$\frac{283}{577}$	$\Phi_{2308}\ \Phi_{1154}$
130426	1728	157	$\frac{3}{157}$	$\frac{5}{157}$	$\frac{76}{157}$	$\frac{77}{157}$	$\Phi_{157}^{11}\ \Phi_{1}^{12}$
130427	1728	157	$\frac{3}{157}$	$\frac{10}{157}$	$\frac{49}{157}$	$\frac{77}{157}$	$\Phi_{157}^{11}\ \Phi_{1}^{12}$
130428	1728	157	$\frac{3}{157}$	$\frac{13}{157}$	$\frac{40}{157}$	$\frac{77}{157}$	$\Phi_{157}^{11}\ \Phi_{1}^{12}$
130429	1728	2595	$\frac{17}{865}$	$\frac{49}{865}$	$\frac{1}{3}$	$\frac{424}{865}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130430	1728	1885	$\frac{3}{145}$	$\frac{1}{13}$	$\frac{37}{145}$	$\frac{71}{145}$	$\Phi_{1885}\ \Phi_{377}\ \Phi_{65}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
130431	1728	1645	$\frac{1}{47}$	$\frac{1}{35}$	$\frac{17}{35}$	$\frac{23}{47}$	$\Phi_{1645}\ \Phi_{329}\ \Phi_{235}\ \Phi_{47}^2\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
130432	1728	2679	$\frac{1}{47}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{2679}\ \Phi_{57}^2$
130433	1728	1645	$\frac{1}{47}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{23}{47}$	$\Phi_{1645}\ \Phi_{329}\ \Phi_{235}\ \Phi_{47}^2\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
130434	1728	2444	$\frac{1}{47}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{23}{47}$	$\Phi_{2444}\ \Phi_{1222}\ \Phi_{52}^2\ \Phi_{26}^2$
130435	1728	1645	$\frac{1}{47}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{23}{47}$	$\Phi_{1645}\ \Phi_{329}\ \Phi_{235}\ \Phi_{47}^2\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
130436	1728	470	$\frac{1}{47}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{23}{47}$	$\Phi_{470}^4\ \Phi_{235}^3\ \Phi_{94}^4\ \Phi_{47}^4\ \Phi_{10}^8\ \Phi_5^6\ \Phi_2^8\ \Phi_1^8$
130437	1728	329	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{23}{47}$	$\Phi_{329}^5\ \Phi_{47}^6\ \Phi_7^{10}\ \Phi_1^{12}$
130438	1728	1727	$\frac{37}{1727}$	$\frac{49}{1727}$	$\frac{839}{1727}$	$\frac{845}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_1^2$
130439	1728	1727	$\frac{37}{1727}$	$\frac{98}{1727}$	$\frac{543}{1727}$	$\frac{845}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_1^2$
130440	1728	1727	$\frac{37}{1727}$	$\frac{147}{1727}$	$\frac{395}{1727}$	$\frac{845}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_1^2$
130441	1728	1953	$\frac{5}{217}$	$\frac{1}{9}$	$\frac{37}{217}$	$\frac{106}{217}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{279}\ \Phi_{93}\ \Phi_{63}\ \Phi_{21}$
130442	1728	1727	$\frac{41}{1727}$	$\frac{221}{1727}$	$\frac{251}{1727}$	$\frac{843}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_1^2$
130443	1728	2023	$\frac{7}{289}$	$\frac{37}{289}$	$\frac{1}{7}$	$\frac{141}{289}$	$\Phi_{2023}\ \Phi_{119}$
130444	1728	1727	$\frac{43}{1727}$	$\frac{179}{1727}$	$\frac{295}{1727}$	$\frac{842}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_1^2$
130445	1728	2165	$\frac{11}{433}$	$\frac{37}{433}$	$\frac{1}{5}$	$\frac{211}{433}$	Φ_{2165}
130446	1728	1930	$\frac{5}{193}$	$\frac{1}{10}$	$\frac{33}{193}$	$\frac{94}{193}$	$\Phi_{1930}\ \Phi_{965}\ \Phi_{386}$
130447	1728	2308	$\frac{15}{577}$	$\frac{37}{577}$	$\frac{1}{4}$	$\frac{281}{577}$	$\Phi_{2308}\ \Phi_{1154}$
130448	1728	1727	$\frac{45}{1727}$	$\frac{107}{1727}$	$\frac{443}{1727}$	$\frac{841}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_1^2$
130449	1728	2595	$\frac{23}{865}$	$\frac{37}{865}$	$\frac{1}{3}$	$\frac{421}{865}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130450	1728	187	$\frac{5}{187}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{91}{187}$	$\Phi_{187}^9\ \Phi_{17}^9\ \Phi_{11}^{13}\ \Phi_1^{14}$
130451	1728	1853	$\frac{3}{109}$	$\frac{1}{17}$	$\frac{28}{109}$	$\frac{53}{109}$	Φ_{1853}
130452	1728	1727	$\frac{49}{1727}$	$\frac{74}{1727}$	$\frac{551}{1727}$	$\frac{839}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_1^2$
130453	1728	1727	$\frac{49}{1727}$	$\frac{111}{1727}$	$\frac{404}{1727}$	$\frac{839}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_1^2$
130454	1728	1727	$\frac{49}{1727}$	$\frac{159}{1727}$	$\frac{296}{1727}$	$\frac{839}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_1^2$
130455	1728	525	$\frac{1}{35}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{525}^5\ \Phi_{105}^4\ \Phi_{75}^6\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_3^4$
130456	1728	1645	$\frac{1}{35}$	$\frac{2}{47}$	$\frac{15}{47}$	$\frac{17}{35}$	$\Phi_{1645}\ \Phi_{329}\ \Phi_{235}\ \Phi_{47}^2\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
130457	1728	2380	$\frac{1}{35}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{476}\ \Phi_{340}\ \Phi_{238}\ \Phi_{170}\ \Phi_{68}^2\ \Phi_{34}^2$
130458	1728	1645	$\frac{1}{35}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{17}{35}$	$\Phi_{1645}\ \Phi_{329}\ \Phi_{235}\ \Phi_{47}^2\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
130459	1728	455	$\frac{1}{35}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{17}{35}$	$\Phi_{455}^4\ \Phi_{91}^4\ \Phi_{65}^5\ \Phi_{13}^4$
130460	1728	1645	$\frac{1}{35}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{17}{35}$	$\Phi_{1645}\ \Phi_{329}\ \Phi_{235}\ \Phi_{47}^2\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
130461	1728	315	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{17}{35}$	$\Phi_{315}^6\ \Phi_{105}^6\ \Phi_{63}^7\ \Phi_{45}^6\ \Phi_{21}^7\ \Phi_{15}^6\ \Phi_9^6\ \Phi_3^6$
130462	1728	2308	$\frac{17}{577}$	$\frac{33}{577}$	$\frac{1}{4}$	$\frac{280}{577}$	$\Phi_{2308}\ \Phi_{1154}$
130463	1728	1843	$\frac{3}{97}$	$\frac{1}{19}$	$\frac{25}{97}$	$\frac{47}{97}$	Φ_{1843}
130464	1728	157	$\frac{5}{157}$	$\frac{9}{157}$	$\frac{37}{157}$	$\frac{76}{157}$	$\Phi_{157}^{11}\ \Phi_1^{12}$
130465	1728	157	$\frac{5}{157}$	$\frac{13}{157}$	$\frac{27}{157}$	$\frac{76}{157}$	$\Phi_{157}^{11}\ \Phi_1^{12}$
130466	1728	2604	$\frac{1}{31}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{2604}\ \Phi_{1302}\ \Phi_{651}\ \Phi_{372}\ \Phi_{186}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_6^2$
130467	1728	1643	$\frac{1}{31}$	$\frac{2}{53}$	$\frac{17}{53}$	$\frac{15}{31}$	$\Phi_{1643}\ \Phi_{53}^2\ \Phi_{31}^2\ \Phi_1^4$
130468	1728	2356	$\frac{1}{31}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{2356}\ \Phi_{1178}\ \Phi_{76}^2\ \Phi_{38}^2$
130469	1728	1643	$\frac{1}{31}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{15}{31}$	$\Phi_{1643}\ \Phi_{53}^2\ \Phi_{31}^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
130470	1728	2170	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{15}{31}$	$\Phi_{2170}\ \Phi_{1085}\ \Phi_{434}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{14}^2$
130471	1728	279	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{4}{31}$	$\frac{15}{31}$	$\Phi_{279}^7\ \Phi_{93}^7\ \Phi_{9}^6\ \Phi_{3}^6$
130472	1728	1727	$\frac{57}{1727}$	$\frac{188}{1727}$	$\frac{223}{1727}$	$\frac{835}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130473	1728	377	$\frac{1}{29}$	$\frac{1}{13}$	$\frac{5}{29}$	$\frac{14}{29}$	$\Phi_{377}^5\ \Phi_{13}^4$
130474	1728	2165	$\frac{15}{433}$	$\frac{28}{433}$	$\frac{1}{5}$	$\frac{209}{433}$	Φ_{2165}
130475	1728	1727	$\frac{61}{1727}$	$\frac{80}{1727}$	$\frac{447}{1727}$	$\frac{833}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130476	1728	1727	$\frac{61}{1727}$	$\frac{149}{1727}$	$\frac{263}{1727}$	$\frac{833}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130477	1728	2595	$\frac{28}{865}$	$\frac{31}{865}$	$\frac{1}{3}$	$\frac{417}{865}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130478	1728	1930	$\frac{7}{193}$	$\frac{1}{10}$	$\frac{25}{193}$	$\frac{93}{193}$	$\Phi_{1930}\ \Phi_{965}\ \Phi_{386}$
130479	1728	1727	$\frac{56}{1727}$	$\frac{65}{1727}$	$\frac{557}{1727}$	$\frac{831}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130480	1728	1727	$\frac{65}{1727}$	$\frac{167}{1727}$	$\frac{224}{1727}$	$\frac{831}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130481	1728	2023	$\frac{11}{289}$	$\frac{25}{289}$	$\frac{1}{7}$	$\frac{139}{289}$	$\Phi_{2023}\ \Phi_{119}$
130482	1728	1716	$\frac{1}{33}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{1716}^2\ \Phi_{572}^2\ \Phi_{156}\ \Phi_{132}^2\ \Phi_{52}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
130483	1728	1092	$\frac{1}{26}$	$\frac{1}{21}$	$\frac{5}{21}$	$\frac{25}{52}$	$\Phi_{1092}^3\ \Phi_{364}^3\ \Phi_{156}^3\ \Phi_{84}^3\ \Phi_{52}^4\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_{7}^3\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{1}^4$
130484	1728	4420	$\frac{1}{26}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{4420}\ \Phi_{340}\ \Phi_{85}$
130485	1728	1820	$\frac{1}{26}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{25}{52}$	$\Phi_{1820}^2\ \Phi_{364}\ \Phi_{260}^2\ \Phi_{140}^2\ \Phi_{52}^2\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
130486	1728	468	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{25}{52}$	$\Phi_{468}^7\ \Phi_{156}^7\ \Phi_{52}^8\ \Phi_{36}^7\ \Phi_{12}^7\ \Phi_{9}^7\ \Phi_{4}^8\ \Phi_{3}^7\ \Phi_{1}^8$
130487	1728	1727	$\frac{67}{1727}$	$\frac{119}{1727}$	$\frac{299}{1727}$	$\frac{830}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130488	1728	2165	$\frac{17}{433}$	$\frac{25}{433}$	$\frac{1}{5}$	$\frac{208}{433}$	Φ_{2165}
130489	1728	2308	$\frac{23}{577}$	$\frac{25}{577}$	$\frac{1}{4}$	$\frac{277}{577}$	$\Phi_{2308}\ \Phi_{1154}$
130490	1728	1727	$\frac{69}{1727}$	$\frac{71}{1727}$	$\frac{449}{1727}$	$\frac{829}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130491	1728	519	$\frac{5}{173}$	$\frac{7}{173}$	$\frac{1}{3}$	$\frac{83}{173}$	$\Phi_{519}^5\ \Phi_{3}^4$
130492	1728	1825	$\frac{1}{25}$	$\frac{3}{73}$	$\frac{19}{73}$	$\frac{35}{73}$	$\Phi_{1825}\ \Phi_{365}$
130493	1728	1727	$\frac{50}{1727}$	$\frac{73}{1727}$	$\frac{559}{1727}$	$\frac{827}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130494	1728	1727	$\frac{73}{1727}$	$\frac{75}{1727}$	$\frac{413}{1727}$	$\frac{827}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130495	1728	2553	$\frac{1}{37}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{2553}\ \Phi_{111}^2$
130496	1728	1633	$\frac{2}{71}$	$\frac{1}{23}$	$\frac{23}{71}$	$\frac{11}{23}$	$\Phi_{1633}\ \Phi_{71}^2\ \Phi_{23}^2\ \Phi_{1}^4$
130497	1728	2300	$\frac{1}{25}$	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{2300}\ \Phi_{1150}\ \Phi_{460}\ \Phi_{230}\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{20}^2\ \Phi_{10}^2$
130498	1728	1633	$\frac{3}{71}$	$\frac{1}{23}$	$\frac{17}{71}$	$\frac{11}{23}$	$\Phi_{1633}\ \Phi_{71}^2\ \Phi_{23}^2\ \Phi_{1}^4$
130499	1728	2185	$\frac{1}{23}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{2185}\ \Phi_{95}^2$
130500	1728	1633	$\frac{1}{23}$	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{11}{23}$	$\Phi_{1633}\ \Phi_{71}^2\ \Phi_{23}^2\ \Phi_{1}^4$
130501	1728	2093	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{11}{23}$	$\Phi_{2093}\ \Phi_{91}^2$
130502	1728	1633	$\frac{1}{23}$	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{11}{23}$	$\Phi_{1633}\ \Phi_{71}^2\ \Phi_{23}^2\ \Phi_{1}^4$
130503	1728	2070	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{11}{23}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{414}\ \Phi_{345}\ \Phi_{138}\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{6}^2$
130504	1728	1853	$\frac{5}{109}$	$\frac{1}{17}$	$\frac{19}{109}$	$\frac{52}{109}$	Φ_{1853}
130505	1728	1820	$\frac{1}{28}$	$\frac{3}{65}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{182}\ \Phi_{140}\ \Phi_{130}\ \Phi_{91}\ \Phi_{70}\ \Phi_{52}\ \Phi_{35}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
130506	1728	1727	$\frac{81}{1727}$	$\frac{113}{1727}$	$\frac{269}{1727}$	$\frac{823}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130507	1728	1885	$\frac{7}{145}$	$\frac{1}{13}$	$\frac{19}{145}$	$\frac{69}{145}$	$\Phi_{1885}\ \Phi_{377}\ \Phi_{65}$
130508	1728	1727	$\frac{85}{1727}$	$\frac{151}{1727}$	$\frac{197}{1727}$	$\frac{821}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
130509	1728	1953	$\frac{11}{217}$	$\frac{19}{217}$	$\frac{1}{9}$	$\frac{103}{217}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{279}\ \Phi_{93}\ \Phi_{63}\ \Phi_{21}$
130510	1728	1727	$\frac{89}{1727}$	$\frac{125}{1727}$	$\frac{227}{1727}$	$\frac{819}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130511	1728	1843	$\frac{5}{97}$	$\frac{1}{19}$	$\frac{17}{97}$	$\frac{46}{97}$	Φ_{1843}
130512	1728	2023	$\frac{15}{289}$	$\frac{19}{289}$	$\frac{1}{7}$	$\frac{137}{289}$	$\Phi_{2023}\ \Phi_{119}$
130513	1728	1727	$\frac{89}{1727}$	$\frac{91}{1727}$	$\frac{303}{1727}$	$\frac{818}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130514	1728	1727	$\frac{91}{1727}$	$\frac{101}{1727}$	$\frac{271}{1727}$	$\frac{818}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130515	1728	2165	$\frac{19}{433}$	$\frac{23}{433}$	$\frac{1}{5}$	$\frac{205}{433}$	Φ_{2165}
130516	1728	2308	$\frac{19}{577}$	$\frac{31}{577}$	$\frac{1}{4}$	$\frac{273}{577}$	$\Phi_{2308}\ \Phi_{1154}$
130517	1728	1727	$\frac{53}{1727}$	$\frac{93}{1727}$	$\frac{455}{1727}$	$\frac{817}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130518	1728	2595	$\frac{19}{865}$	$\frac{47}{865}$	$\frac{1}{3}$	$\frac{409}{865}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130519	1728	1727	$\frac{38}{1727}$	$\frac{97}{1727}$	$\frac{563}{1727}$	$\frac{815}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130520	1728	1727	$\frac{97}{1727}$	$\frac{152}{1727}$	$\frac{175}{1727}$	$\frac{815}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130521	1728	1930	$\frac{11}{193}$	$\frac{17}{193}$	$\frac{1}{10}$	$\frac{91}{193}$	$\Phi_{1930}\ \Phi_{965}\ \Phi_{386}$
130522	1728	2499	$\frac{1}{49}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{2499}\ \Phi_{357}\ \Phi_{147}^2\ \Phi_{21}^2$
130523	1728	1615	$\frac{2}{95}$	$\frac{1}{17}$	$\frac{31}{95}$	$\frac{8}{17}$	$\Phi_{1615}\ \Phi_{323}\ \Phi_{95}^2\ \Phi_{85}\ \Phi_{19}^2\ \Phi_{17}^2\ \Phi_{5}^2\ \Phi_{1}^4$
130524	1728	2244	$\frac{1}{33}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{374}\ \Phi_{204}\ \Phi_{132}^2\ \Phi_{102}\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{6}^2$
130525	1728	1615	$\frac{3}{95}$	$\frac{1}{17}$	$\frac{23}{95}$	$\frac{8}{17}$	$\Phi_{1615}\ \Phi_{323}\ \Phi_{95}^2\ \Phi_{85}\ \Phi_{19}^2\ \Phi_{17}^2\ \Phi_{5}^2\ \Phi_{1}^4$
130526	1728	425	$\frac{1}{25}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{425}^4\ \Phi_{85}^3\ \Phi_{25}^8\ \Phi_{17}^4\ \Phi_{5}^6\ \Phi_{1}^8$
130527	1728	323	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{3}{19}$	$\frac{8}{17}$	$\Phi_{323}^5\ \Phi_{19}^{10}\ \Phi_{17}^6\ \Phi_{1}^{12}$
130528	1728	119	$\frac{1}{17}$	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{8}{17}$	$\Phi_{119}^{17}\ \Phi_{7}^{16}$
130529	1728	1615	$\frac{1}{17}$	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{8}{17}$	$\Phi_{1615}\ \Phi_{323}\ \Phi_{95}^2\ \Phi_{85}\ \Phi_{19}^2\ \Phi_{17}^2\ \Phi_{5}^2\ \Phi_{1}^4$
130530	1728	1989	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{8}{17}$	$\Phi_{1989}\ \Phi_{663}\ \Phi_{117}^2\ \Phi_{39}^2$
130531	1728	1727	$\frac{79}{1727}$	$\frac{103}{1727}$	$\frac{305}{1727}$	$\frac{812}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130532	1728	2308	$\frac{17}{577}$	$\frac{35}{577}$	$\frac{1}{4}$	$\frac{271}{577}$	$\Phi_{2308}\ \Phi_{1154}$
130533	1728	1727	$\frac{47}{1727}$	$\frac{105}{1727}$	$\frac{458}{1727}$	$\frac{811}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130534	1728	1813	$\frac{1}{37}$	$\frac{3}{49}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{1813}\ \Phi_{259}$
130535	1728	2595	$\frac{17}{865}$	$\frac{53}{865}$	$\frac{1}{3}$	$\frac{406}{865}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130536	1728	1727	$\frac{51}{1727}$	$\frac{109}{1727}$	$\frac{419}{1727}$	$\frac{809}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130537	1728	165	$\frac{1}{55}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{165}^{11}\ \Phi_{55}^{10}\ \Phi_{33}^{11}\ \Phi_{15}^{9}\ \Phi_{11}^{10}\ \Phi_{5}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
130538	1728	1605	$\frac{2}{107}$	$\frac{1}{15}$	$\frac{35}{107}$	$\frac{7}{15}$	$\Phi_{1605}\ \Phi_{535}\ \Phi_{321}\ \Phi_{107}^2\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
130539	1728	2220	$\frac{1}{37}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{740}\ \Phi_{444}\ \Phi_{370}\ \Phi_{222}\ \Phi_{148}^2\ \Phi_{74}^2$
130540	1728	1605	$\frac{3}{107}$	$\frac{1}{15}$	$\frac{26}{107}$	$\frac{7}{15}$	$\Phi_{1605}\ \Phi_{535}\ \Phi_{321}\ \Phi_{107}^2\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
130541	1728	420	$\frac{1}{28}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^5\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^5\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^5\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^5\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_{7}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{2}^4$
130542	1728	1605	$\frac{5}{107}$	$\frac{1}{15}$	$\frac{17}{107}$	$\frac{7}{15}$	$\Phi_{1605}\ \Phi_{535}\ \Phi_{321}\ \Phi_{107}^2\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
130543	1728	1995	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{133}^2$
130544	1728	1605	$\frac{1}{15}$	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{7}{15}$	$\Phi_{1605}\ \Phi_{535}\ \Phi_{321}\ \Phi_{107}^2\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
130545	1728	390	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{7}{15}$	$\Phi_{390}^5\ \Phi_{195}^4\ \Phi_{130}^6\ \Phi_{78}^5\ \Phi_{65}^5\ \Phi_{39}^4\ \Phi_{26}^6\ \Phi_{13}^4$
130546	1728	1825	$\frac{1}{25}$	$\frac{5}{73}$	$\frac{13}{73}$	$\frac{34}{73}$	$\Phi_{1825}\ \Phi_{365}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
130547	1728	157	$\frac{7}{157}$	$\frac{11}{157}$	$\frac{25}{157}$	$\frac{73}{157}$	$\Phi_{157}^{11}\ \Phi_{1}^{12}$
130548	1728	157	$\frac{11}{157}$	$\frac{13}{157}$	$\frac{14}{157}$	$\frac{73}{157}$	$\Phi_{157}^{11}\ \Phi_{1}^{12}$
130549	1728	1843	$\frac{1}{19}$	$\frac{7}{97}$	$\frac{13}{97}$	$\frac{45}{97}$	Φ_{1843}
130550	1728	1727	$\frac{103}{1727}$	$\frac{127}{1727}$	$\frac{203}{1727}$	$\frac{800}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130551	1728	1727	$\frac{29}{1727}$	$\frac{129}{1727}$	$\frac{566}{1727}$	$\frac{799}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130552	1728	1727	$\frac{116}{1727}$	$\frac{129}{1727}$	$\frac{179}{1727}$	$\frac{799}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130553	1728	1885	$\frac{11}{145}$	$\frac{1}{13}$	$\frac{13}{145}$	$\frac{67}{145}$	$\Phi_{1885}\ \Phi_{377}\ \Phi_{65}$
130554	1728	1092	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{1092}^{2}\ \Phi_{546}^{2}\ \Phi_{364}\ \Phi_{273}^{2}\ \Phi_{182}\ \Phi_{156}^{2}\ \Phi_{91}\ \Phi_{84}^{2}\ \Phi_{78}^{2}\ \Phi_{52}\ \Phi_{42}^{2}\ \Phi_{26}\ \Phi_{21}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
130555	1728	1727	$\frac{131}{1727}$	$\frac{133}{1727}$	$\frac{155}{1727}$	$\frac{797}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130556	1728	1930	$\frac{13}{193}$	$\frac{15}{193}$	$\frac{1}{10}$	$\frac{89}{193}$	$\Phi_{1930}\ \Phi_{965}\ \Phi_{386}$
130557	1728	1953	$\frac{13}{217}$	$\frac{17}{217}$	$\frac{1}{9}$	$\frac{100}{217}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{279}\ \Phi_{93}\ \Phi_{63}\ \Phi_{21}$
130558	1728	1727	$\frac{83}{1727}$	$\frac{137}{1727}$	$\frac{233}{1727}$	$\frac{795}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130559	1728	2023	$\frac{13}{289}$	$\frac{23}{289}$	$\frac{1}{7}$	$\frac{133}{289}$	$\Phi_{2023}\ \Phi_{119}$
130560	1728	1650	$\frac{1}{33}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{1650}^{2}\ \Phi_{550}^{2}\ \Phi_{330}^{2}\ \Phi_{165}\ \Phi_{150}^{2}\ \Phi_{110}^{2}\ \Phi_{66}^{2}\ \Phi_{55}\ \Phi_{30}^{2}\ \Phi_{22}^{2}\ \Phi_{15}\ \Phi_{6}^{2}$
130561	1728	1727	$\frac{59}{1727}$	$\frac{139}{1727}$	$\frac{311}{1727}$	$\frac{794}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130562	1728	2165	$\frac{13}{433}$	$\frac{35}{433}$	$\frac{1}{5}$	$\frac{199}{433}$	Φ_{2165}
130563	1728	1813	$\frac{1}{49}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{1813}\ \Phi_{259}$
130564	1728	2308	$\frac{13}{577}$	$\frac{47}{577}$	$\frac{1}{4}$	$\frac{265}{577}$	$\Phi_{2308}\ \Phi_{1154}$
130565	1728	1727	$\frac{35}{1727}$	$\frac{141}{1727}$	$\frac{467}{1727}$	$\frac{793}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130566	1728	2595	$\frac{13}{865}$	$\frac{71}{865}$	$\frac{1}{3}$	$\frac{397}{865}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130567	1728	1727	$\frac{26}{1727}$	$\frac{145}{1727}$	$\frac{567}{1727}$	$\frac{791}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130568	1728	1727	$\frac{39}{1727}$	$\frac{145}{1727}$	$\frac{422}{1727}$	$\frac{791}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130569	1728	2409	$\frac{1}{73}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{2409}\ \Phi_{219}^{2}$
130570	1728	143	$\frac{2}{143}$	$\frac{1}{11}$	$\frac{47}{143}$	$\frac{5}{11}$	$\Phi_{143}^{12}\ \Phi_{13}^{12}\ \Phi_{11}^{13}\ \Phi_{1}^{14}$
130571	1728	55	$\frac{1}{55}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{55}^{32}\ \Phi_{11}^{29}\ \Phi_{5}^{32}\ \Phi_{1}^{30}$
130572	1728	2156	$\frac{1}{49}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{2156}\ \Phi_{1078}\ \Phi_{308}\ \Phi_{196}^{2}\ \Phi_{154}\ \Phi_{98}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
130573	1728	143	$\frac{3}{143}$	$\frac{1}{11}$	$\frac{35}{143}$	$\frac{5}{11}$	$\Phi_{143}^{12}\ \Phi_{13}^{12}\ \Phi_{11}^{13}\ \Phi_{1}^{14}$
130574	1728	2035	$\frac{1}{37}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{2035}\ \Phi_{185}^{2}$
130575	1728	33	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{33}^{54}\ \Phi_{11}^{49}\ \Phi_{3}^{54}\ \Phi_{1}^{50}$
130576	1728	143	$\frac{5}{143}$	$\frac{1}{11}$	$\frac{23}{143}$	$\frac{5}{11}$	$\Phi_{143}^{12}\ \Phi_{13}^{12}\ \Phi_{11}^{13}\ \Phi_{1}^{14}$
130577	1728	1925	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{1925}\ \Phi_{385}\ \Phi_{175}^{2}\ \Phi_{35}^{2}$
130578	1728	1001	$\frac{6}{143}$	$\frac{1}{11}$	$\frac{137}{1001}$	$\frac{5}{11}$	$\Phi_{1001}^{2}\ \Phi_{91}^{2}\ \Phi_{77}^{2}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
130579	1728	143	$\frac{7}{143}$	$\frac{1}{11}$	$\frac{17}{143}$	$\frac{5}{11}$	$\Phi_{143}^{12}\ \Phi_{13}^{12}\ \Phi_{11}^{13}\ \Phi_{1}^{14}$
130580	1728	1881	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{11}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{171}^{2}\ \Phi_{57}^{2}$
130581	1728	143	$\frac{8}{143}$	$\frac{1}{11}$	$\frac{15}{143}$	$\frac{5}{11}$	$\Phi_{143}^{12}\ \Phi_{13}^{12}\ \Phi_{11}^{13}\ \Phi_{1}^{14}$
130582	1728	1870	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{11}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{374}\ \Phi_{170}^{2}\ \Phi_{85}^{2}\ \Phi_{34}^{2}$
130583	1728	77	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{77}^{24}\ \Phi_{11}^{13}\ \Phi_{7}^{24}\ \Phi_{1}^{14}$
130584	1728	143	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{143}^{11}\ \Phi_{13}^{22}\ \Phi_{11}^{12}\ \Phi_{1}^{24}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
130585	1728	1727	$\frac{59}{1727}$	$\frac{161}{1727}$	$\frac{278}{1727}$	$\frac{783}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130586	1728	1727	$\frac{35}{1727}$	$\frac{163}{1727}$	$\frac{423}{1727}$	$\frac{782}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130587	1728	1825	$\frac{1}{25}$	$\frac{7}{73}$	$\frac{10}{73}$	$\frac{33}{73}$	$\Phi_{1825}\ \Phi_{365}$
130588	1728	1727	$\frac{79}{1727}$	$\frac{169}{1727}$	$\frac{206}{1727}$	$\frac{779}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130589	1728	1853	$\frac{1}{17}$	$\frac{10}{109}$	$\frac{11}{109}$	$\frac{49}{109}$	Φ_{1853}
130590	1728	1813	$\frac{1}{37}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{1813}\ \Phi_{259}$
130591	1728	1727	$\frac{119}{1727}$	$\frac{134}{1727}$	$\frac{177}{1727}$	$\frac{775}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130592	1728	377	$\frac{2}{29}$	$\frac{1}{13}$	$\frac{3}{29}$	$\frac{13}{29}$	$\Phi_{377}^{5}\ \Phi_{13}^{4}$
130593	1728	1727	$\frac{53}{1727}$	$\frac{181}{1727}$	$\frac{279}{1727}$	$\frac{773}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130594	1728	1727	$\frac{98}{1727}$	$\frac{159}{1727}$	$\frac{181}{1727}$	$\frac{773}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130595	1728	1953	$\frac{10}{217}$	$\frac{23}{217}$	$\frac{1}{9}$	$\frac{97}{217}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{279}\ \Phi_{93}\ \Phi_{63}\ \Phi_{21}$
130596	1728	1727	$\frac{62}{1727}$	$\frac{185}{1727}$	$\frac{239}{1727}$	$\frac{771}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130597	1728	2023	$\frac{10}{289}$	$\frac{31}{289}$	$\frac{1}{7}$	$\frac{129}{289}$	$\Phi_{2023}\ \Phi_{119}$
130598	1728	1820	$\frac{1}{28}$	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{29}{65}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{182}\ \Phi_{140}\ \Phi_{130}\ \Phi_{91}\ \Phi_{70}\ \Phi_{52}\ \Phi_{35}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
130599	1728	157	$\frac{4}{157}$	$\frac{17}{157}$	$\frac{29}{157}$	$\frac{70}{157}$	$\Phi_{157}^{11}\ \Phi_{1}^{12}$
130600	1728	2165	$\frac{10}{433}$	$\frac{47}{433}$	$\frac{1}{5}$	$\frac{193}{433}$	Φ_{2165}
130601	1728	2308	$\frac{10}{577}$	$\frac{63}{577}$	$\frac{1}{4}$	$\frac{257}{577}$	$\Phi_{2308}\ \Phi_{1154}$
130602	1728	1727	$\frac{26}{1727}$	$\frac{189}{1727}$	$\frac{479}{1727}$	$\frac{769}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130603	1728	519	$\frac{2}{173}$	$\frac{19}{173}$	$\frac{1}{3}$	$\frac{77}{173}$	$\Phi_{519}^{5}\ \Phi_{3}^{4}$
130604	1728	1727	$\frac{20}{1727}$	$\frac{193}{1727}$	$\frac{569}{1727}$	$\frac{767}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130605	1728	1727	$\frac{80}{1727}$	$\frac{183}{1727}$	$\frac{193}{1727}$	$\frac{767}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130606	1728	1843	$\frac{1}{19}$	$\frac{9}{97}$	$\frac{11}{97}$	$\frac{43}{97}$	Φ_{1843}
130607	1728	1727	$\frac{107}{1727}$	$\frac{135}{1727}$	$\frac{199}{1727}$	$\frac{764}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130608	1728	1885	$\frac{9}{145}$	$\frac{1}{13}$	$\frac{17}{145}$	$\frac{64}{145}$	$\Phi_{1885}\ \Phi_{377}\ \Phi_{65}$
130609	1728	1727	$\frac{87}{1727}$	$\frac{161}{1727}$	$\frac{205}{1727}$	$\frac{761}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130610	1728	1930	$\frac{9}{193}$	$\frac{1}{10}$	$\frac{23}{193}$	$\frac{85}{193}$	$\Phi_{1930}\ \Phi_{965}\ \Phi_{386}$
130611	1728	1825	$\frac{1}{73}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1825}\ \Phi_{365}$
130612	1728	157	$\frac{5}{157}$	$\frac{19}{157}$	$\frac{22}{157}$	$\frac{69}{157}$	$\Phi_{157}^{11}\ \Phi_{1}^{12}$
130613	1728	2023	$\frac{9}{289}$	$\frac{35}{289}$	$\frac{1}{7}$	$\frac{127}{289}$	$\Phi_{2023}\ \Phi_{119}$
130614	1728	1727	$\frac{39}{1727}$	$\frac{211}{1727}$	$\frac{323}{1727}$	$\frac{758}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130615	1728	2165	$\frac{9}{433}$	$\frac{53}{433}$	$\frac{1}{5}$	$\frac{190}{433}$	Φ_{2165}
130616	1728	2308	$\frac{9}{577}$	$\frac{71}{577}$	$\frac{1}{4}$	$\frac{253}{577}$	$\Phi_{2308}\ \Phi_{1154}$
130617	1728	1727	$\frac{23}{1727}$	$\frac{213}{1727}$	$\frac{485}{1727}$	$\frac{757}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130618	1728	2595	$\frac{9}{865}$	$\frac{107}{865}$	$\frac{1}{3}$	$\frac{379}{865}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130619	1728	4656	$\frac{1}{97}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{4656}\ \Phi_{291}$
130620	1728	3056	$\frac{2}{191}$	$\frac{1}{8}$	$\frac{63}{191}$	$\frac{7}{16}$	$\Phi_{3056}\ \Phi_{191}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
130621	1728	1040	$\frac{1}{65}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{1040}^{3}\ \Phi_{260}\ \Phi_{208}^{3}\ \Phi_{130}\ \Phi_{80}^{3}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
130622	1728	3056	$\frac{3}{191}$	$\frac{1}{8}$	$\frac{47}{191}$	$\frac{7}{16}$	$\Phi_{3056}\ \Phi_{191}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
130623	1728	3920	$\frac{1}{49}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{3920}\ \Phi_{560}\ \Phi_{245}\ \Phi_{35}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
130624	1728	3056	$\frac{5}{191}$	$\frac{1}{8}$	$\frac{31}{191}$	$\frac{7}{16}$	$\Phi_{3056}\ \Phi_{191}\ \Phi_{16}^2\ \Phi_1^2$
130625	1728	3696	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{336}\ \Phi_{231}\ \Phi_{77}\ \Phi_{21}$
130626	1728	3056	$\frac{7}{191}$	$\frac{23}{191}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3056}\ \Phi_{191}\ \Phi_{16}^2\ \Phi_1^2$
130627	1728	3600	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{240}\ \Phi_{225}\ \Phi_{75}\ \Phi_{45}\ \Phi_{15}$
130628	1728	3056	$\frac{11}{191}$	$\frac{15}{191}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3056}\ \Phi_{191}\ \Phi_{16}^2\ \Phi_1^2$
130629	1728	3536	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3536}\ \Phi_{221}$
130630	1728	1727	$\frac{27}{1727}$	$\frac{217}{1727}$	$\frac{425}{1727}$	$\frac{755}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_1^2$
130631	1728	1813	$\frac{1}{49}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{1813}\ \Phi_{259}$
130632	1728	1727	$\frac{41}{1727}$	$\frac{241}{1727}$	$\frac{281}{1727}$	$\frac{743}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_1^2$
130633	1728	2289	$\frac{1}{109}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{2289}\ \Phi_{327}^2$
130634	1728	1505	$\frac{2}{215}$	$\frac{1}{7}$	$\frac{71}{215}$	$\frac{3}{7}$	$\Phi_{1505}\ \Phi_{301}\ \Phi_{215}^2\ \Phi_{43}^2\ \Phi_{35}\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
130635	1728	2044	$\frac{1}{73}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{2044}\ \Phi_{1022}\ \Phi_{292}^2\ \Phi_{146}^2$
130636	1728	1505	$\frac{3}{215}$	$\frac{1}{7}$	$\frac{53}{215}$	$\frac{3}{7}$	$\Phi_{1505}\ \Phi_{301}\ \Phi_{215}^2\ \Phi_{43}^2\ \Phi_{35}\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
130637	1728	385	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{385}^4\ \Phi_{77}^4\ \Phi_{55}^8\ \Phi_{35}^3\ \Phi_{11}^8\ \Phi_7^4\ \Phi_5^6\ \Phi_1^8$
130638	1728	301	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{7}{43}$	$\frac{3}{7}$	$\Phi_{301}^5\ \Phi_{43}^{10}\ \Phi_7^6\ \Phi_1^{12}$
130639	1728	259	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{259}^7\ \Phi_{37}^6$
130640	1728	1505	$\frac{7}{215}$	$\frac{26}{215}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1505}\ \Phi_{301}\ \Phi_{215}^2\ \Phi_{43}^2\ \Phi_{35}\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
130641	1728	252	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{252}^8\ \Phi_{126}^8\ \Phi_{84}^8\ \Phi_{63}^7\ \Phi_{42}^8\ \Phi_{36}^8\ \Phi_{21}^7\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^6\ \Phi_6^8\ \Phi_3^6$
130642	1728	1505	$\frac{8}{215}$	$\frac{23}{215}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1505}\ \Phi_{301}\ \Phi_{215}^2\ \Phi_{43}^2\ \Phi_{35}\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
130643	1728	350	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{350}^5\ \Phi_{175}^4\ \Phi_{70}^4\ \Phi_{50}^{10}\ \Phi_{35}^3\ \Phi_{25}^8\ \Phi_{14}^4\ \Phi_{10}^8\ \Phi_7^4\ \Phi_5^6\ \Phi_2^8\ \Phi_1^8$
130644	1728	1505	$\frac{11}{215}$	$\frac{17}{215}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1505}\ \Phi_{301}\ \Phi_{215}^2\ \Phi_{43}^2\ \Phi_{35}\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
130645	1728	1729	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1729}\ \Phi_{247}^2$
130646	1728	157	$\frac{5}{157}$	$\frac{19}{157}$	$\frac{23}{157}$	$\frac{67}{157}$	$\Phi_{157}^{11}\ \Phi_1^{12}$
130647	1728	1727	$\frac{62}{1727}$	$\frac{185}{1727}$	$\frac{257}{1727}$	$\frac{735}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_1^2$
130648	1728	1825	$\frac{1}{25}$	$\frac{7}{73}$	$\frac{11}{73}$	$\frac{31}{73}$	$\Phi_{1825}\ \Phi_{365}$
130649	1728	1727	$\frac{83}{1727}$	$\frac{137}{1727}$	$\frac{265}{1727}$	$\frac{731}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_1^2$
130650	1728	1843	$\frac{1}{19}$	$\frac{7}{97}$	$\frac{15}{97}$	$\frac{41}{97}$	Φ_{1843}
130651	1728	1853	$\frac{1}{17}$	$\frac{7}{109}$	$\frac{17}{109}$	$\frac{46}{109}$	Φ_{1853}
130652	1728	1727	$\frac{101}{1727}$	$\frac{111}{1727}$	$\frac{271}{1727}$	$\frac{728}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_1^2$
130653	1728	1727	$\frac{89}{1727}$	$\frac{125}{1727}$	$\frac{273}{1727}$	$\frac{727}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_1^2$
130654	1728	1885	$\frac{7}{145}$	$\frac{1}{13}$	$\frac{23}{145}$	$\frac{61}{145}$	$\Phi_{1885}\ \Phi_{377}\ \Phi_{65}$
130655	1728	157	$\frac{7}{157}$	$\frac{13}{157}$	$\frac{25}{157}$	$\frac{66}{157}$	$\Phi_{157}^{11}\ \Phi_1^{12}$
130656	1728	1727	$\frac{65}{1727}$	$\frac{167}{1727}$	$\frac{277}{1727}$	$\frac{725}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_1^2$
130657	1728	1930	$\frac{7}{193}$	$\frac{1}{10}$	$\frac{31}{193}$	$\frac{81}{193}$	$\Phi_{1930}\ \Phi_{965}\ \Phi_{386}$
130658	1728	279	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{5}{31}$	$\frac{13}{31}$	$\Phi_{279}^7\ \Phi_{93}^7\ \Phi_9^6\ \Phi_3^6$
130659	1728	2023	$\frac{7}{289}$	$\frac{1}{7}$	$\frac{47}{289}$	$\frac{121}{289}$	$\Phi_{2023}\ \Phi_{119}$
130660	1728	1727	$\frac{41}{1727}$	$\frac{251}{1727}$	$\frac{281}{1727}$	$\frac{723}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_1^2$
130661	1728	1727	$\frac{29}{1727}$	$\frac{283}{1727}$	$\frac{335}{1727}$	$\frac{722}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_1^2$
130662	1728	2165	$\frac{7}{433}$	$\frac{71}{433}$	$\frac{1}{5}$	$\frac{181}{433}$	Φ_{2165}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
130663	1728	2308	$\frac{7}{577}$	$\frac{95}{577}$	$\frac{1}{4}$	$\frac{241}{577}$	$\Phi_{2308}\ \Phi_{1154}$
130664	1728	1727	$\frac{17}{1727}$	$\frac{285}{1727}$	$\frac{503}{1727}$	$\frac{721}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130665	1728	2595	$\frac{7}{865}$	$\frac{143}{865}$	$\frac{1}{3}$	$\frac{361}{865}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130666	1728	1727	$\frac{14}{1727}$	$\frac{289}{1727}$	$\frac{571}{1727}$	$\frac{719}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130667	1728	1853	$\frac{1}{109}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	Φ_{1853}
130668	1728	1727	$\frac{19}{1727}$	$\frac{325}{1727}$	$\frac{427}{1727}$	$\frac{701}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130669	1728	435	$\frac{1}{145}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{435}^{6}\ \Phi_{87}^{6}\ \Phi_{15}^{5}\ \Phi_{3}^{4}$
130670	1728	1435	$\frac{2}{287}$	$\frac{1}{5}$	$\frac{95}{287}$	$\frac{2}{5}$	$\Phi_{1435}\ \Phi_{287}^{2}\ \Phi_{205}\ \Phi_{41}^{2}\ \Phi_{35}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
130671	1728	1940	$\frac{1}{97}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1940}\ \Phi_{970}\ \Phi_{388}^{2}\ \Phi_{194}^{2}$
130672	1728	1435	$\frac{3}{287}$	$\frac{1}{5}$	$\frac{71}{287}$	$\frac{2}{5}$	$\Phi_{1435}\ \Phi_{287}^{2}\ \Phi_{205}\ \Phi_{41}^{2}\ \Phi_{35}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
130673	1728	365	$\frac{1}{73}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{365}^{5}\ \Phi_{73}^{4}$
130674	1728	1435	$\frac{5}{287}$	$\frac{47}{287}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1435}\ \Phi_{287}^{2}\ \Phi_{205}\ \Phi_{41}^{2}\ \Phi_{35}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
130675	1728	245	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{245}^{6}\ \Phi_{49}^{12}\ \Phi_{35}^{5}\ \Phi_{7}^{10}\ \Phi_{5}^{6}\ \Phi_{1}^{12}$
130676	1728	205	$\frac{1}{41}$	$\frac{5}{41}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{205}^{7}\ \Phi_{41}^{14}\ \Phi_{5}^{8}\ \Phi_{1}^{16}$
130677	1728	1665	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{333}^{2}\ \Phi_{111}^{2}$
130678	1728	1435	$\frac{8}{287}$	$\frac{31}{287}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1435}\ \Phi_{287}^{2}\ \Phi_{205}\ \Phi_{41}^{2}\ \Phi_{35}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
130679	1728	330	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{330}^{6}\ \Phi_{165}^{5}\ \Phi_{110}^{6}\ \Phi_{66}^{6}\ \Phi_{55}^{5}\ \Phi_{33}^{4}\ \Phi_{30}^{6}\ \Phi_{22}^{6}\ \Phi_{15}^{5}\ \Phi_{11}^{4}\ \Phi_{6}^{6}\ \Phi_{3}^{4}$
130680	1728	140	$\frac{1}{28}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{140}^{13}\ \Phi_{70}^{13}\ \Phi_{35}^{11}\ \Phi_{28}^{12}\ \Phi_{20}^{13}\ \Phi_{14}^{12}\ \Phi_{10}^{13}\ \Phi_{7}^{10}\ \Phi_{5}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
130681	1728	1435	$\frac{11}{287}$	$\frac{23}{287}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1435}\ \Phi_{287}^{2}\ \Phi_{205}\ \Phi_{41}^{2}\ \Phi_{35}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
130682	1728	325	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{325}^{6}\ \Phi_{65}^{5}\ \Phi_{13}^{4}$
130683	1728	1435	$\frac{15}{287}$	$\frac{17}{287}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1435}\ \Phi_{287}^{2}\ \Phi_{205}\ \Phi_{41}^{2}\ \Phi_{35}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
130684	1728	1615	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1615}\ \Phi_{323}^{2}$
130685	1728	1727	$\frac{29}{1727}$	$\frac{283}{1727}$	$\frac{361}{1727}$	$\frac{683}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130686	1728	165	$\frac{1}{55}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{165}^{11}\ \Phi_{55}^{10}\ \Phi_{33}^{10}\ \Phi_{15}^{11}\ \Phi_{11}^{9}\ \Phi_{5}^{10}\ \Phi_{3}^{10}\ \Phi_{1}^{10}$
130687	1728	1727	$\frac{39}{1727}$	$\frac{211}{1727}$	$\frac{379}{1727}$	$\frac{674}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130688	1728	157	$\frac{1}{157}$	$\frac{35}{157}$	$\frac{52}{157}$	$\frac{61}{157}$	$\Phi_{157}^{11}\ \Phi_{1}^{12}$
130689	1728	157	$\frac{4}{157}$	$\frac{17}{157}$	$\frac{35}{157}$	$\frac{61}{157}$	$\Phi_{157}^{11}\ \Phi_{1}^{12}$
130690	1728	1813	$\frac{1}{37}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{1813}\ \Phi_{259}$
130691	1728	132	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{132}^{22}\ \Phi_{44}^{20}\ \Phi_{33}^{10}\ \Phi_{12}^{22}\ \Phi_{11}^{9}\ \Phi_{4}^{20}\ \Phi_{3}^{10}\ \Phi_{1}^{10}$
130692	1728	1727	$\frac{59}{1727}$	$\frac{139}{1727}$	$\frac{397}{1727}$	$\frac{665}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130693	1728	1885	$\frac{1}{145}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1885}\ \Phi_{377}\ \Phi_{65}$
130694	1728	364	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{364}^{5}\ \Phi_{182}^{5}\ \Phi_{91}^{5}\ \Phi_{52}^{5}\ \Phi_{28}^{4}\ \Phi_{26}^{5}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
130695	1728	1825	$\frac{1}{25}$	$\frac{5}{73}$	$\frac{17}{73}$	$\frac{28}{73}$	$\Phi_{1825}\ \Phi_{365}$
130696	1728	1727	$\frac{89}{1727}$	$\frac{91}{1727}$	$\frac{409}{1727}$	$\frac{659}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130697	1728	1843	$\frac{5}{97}$	$\frac{1}{19}$	$\frac{23}{97}$	$\frac{37}{97}$	Φ_{1843}
130698	1728	1727	$\frac{67}{1727}$	$\frac{119}{1727}$	$\frac{415}{1727}$	$\frac{656}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130699	1728	377	$\frac{1}{29}$	$\frac{1}{13}$	$\frac{7}{29}$	$\frac{11}{29}$	$\Phi_{377}^{5}\ \Phi_{13}^{4}$
130700	1728	1727	$\frac{59}{1727}$	$\frac{134}{1727}$	$\frac{417}{1727}$	$\frac{655}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130701	1728	1930	$\frac{5}{193}$	$\frac{1}{10}$	$\frac{47}{193}$	$\frac{73}{193}$	$\Phi_{1930}\ \Phi_{965}\ \Phi_{386}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
130702	1728	1727	$\frac{43}{1727}$	$\frac{179}{1727}$	$\frac{421}{1727}$	$\frac{653}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130703	1728	1953	$\frac{5}{217}$	$\frac{1}{9}$	$\frac{53}{217}$	$\frac{82}{217}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{279}\ \Phi_{93}\ \Phi_{63}\ \Phi_{21}$
130704	1728	2023	$\frac{5}{289}$	$\frac{1}{7}$	$\frac{71}{289}$	$\frac{109}{289}$	$\Phi_{2023}\ \Phi_{119}$
130705	1728	1727	$\frac{27}{1727}$	$\frac{269}{1727}$	$\frac{425}{1727}$	$\frac{651}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130706	1728	2165	$\frac{5}{433}$	$\frac{1}{5}$	$\frac{107}{433}$	$\frac{163}{433}$	Φ_{2165}
130707	1728	1727	$\frac{19}{1727}$	$\frac{359}{1727}$	$\frac{427}{1727}$	$\frac{650}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130708	1728	2308	$\frac{5}{577}$	$\frac{143}{577}$	$\frac{1}{4}$	$\frac{217}{577}$	$\Phi_{2308}\ \Phi_{1154}$
130709	1728	157	$\frac{1}{157}$	$\frac{39}{157}$	$\frac{49}{157}$	$\frac{59}{157}$	$\Phi_{157}^{11}\ \Phi_{1}^{12}$
130710	1728	519	$\frac{1}{173}$	$\frac{43}{173}$	$\frac{1}{3}$	$\frac{65}{173}$	$\Phi_{519}^{5}\ \Phi_{3}^{4}$
130711	1728	2080	$\frac{1}{65}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{416}\ \Phi_{260}\ \Phi_{208}\ \Phi_{160}\ \Phi_{130}\ \Phi_{80}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
130712	1728	1727	$\frac{15}{1727}$	$\frac{428}{1727}$	$\frac{433}{1727}$	$\frac{647}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130713	1728	1843	$\frac{1}{97}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	Φ_{1843}
130714	1728	1727	$\frac{23}{1727}$	$\frac{284}{1727}$	$\frac{481}{1727}$	$\frac{623}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130715	1728	1825	$\frac{1}{73}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1825}\ \Phi_{365}$
130716	1728	910	$\frac{1}{65}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{910}^{3}\ \Phi_{455}\ \Phi_{182}^{3}\ \Phi_{130}^{3}\ \Phi_{91}\ \Phi_{70}^{3}\ \Phi_{35}\ \Phi_{26}^{3}\ \Phi_{10}^{3}$
130717	1728	1727	$\frac{31}{1727}$	$\frac{212}{1727}$	$\frac{505}{1727}$	$\frac{611}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130718	1728	1727	$\frac{35}{1727}$	$\frac{188}{1727}$	$\frac{513}{1727}$	$\frac{607}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130719	1728	1813	$\frac{1}{49}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{1813}\ \Phi_{259}$
130720	1728	1813	$\frac{1}{37}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{1813}\ \Phi_{259}$
130721	1728	1727	$\frac{47}{1727}$	$\frac{140}{1727}$	$\frac{529}{1727}$	$\frac{599}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130722	1728	165	$\frac{1}{33}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{165}^{11}\ \Phi_{55}^{10}\ \Phi_{33}^{10}\ \Phi_{15}^{11}\ \Phi_{11}^{9}\ \Phi_{5}^{10}\ \Phi_{3}^{10}\ \Phi_{1}^{10}$
130723	1728	1727	$\frac{63}{1727}$	$\frac{104}{1727}$	$\frac{541}{1727}$	$\frac{593}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130724	1728	1825	$\frac{1}{25}$	$\frac{4}{73}$	$\frac{23}{73}$	$\frac{25}{73}$	$\Phi_{1825}\ \Phi_{365}$
130725	1728	1727	$\frac{71}{1727}$	$\frac{92}{1727}$	$\frac{545}{1727}$	$\frac{591}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130726	1728	1843	$\frac{4}{97}$	$\frac{1}{19}$	$\frac{31}{97}$	$\frac{33}{97}$	Φ_{1843}
130727	1728	1727	$\frac{68}{1727}$	$\frac{95}{1727}$	$\frac{553}{1727}$	$\frac{587}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130728	1728	1853	$\frac{4}{109}$	$\frac{1}{17}$	$\frac{35}{109}$	$\frac{37}{109}$	Φ_{1853}
130729	1728	1727	$\frac{50}{1727}$	$\frac{127}{1727}$	$\frac{559}{1727}$	$\frac{584}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130730	1728	1885	$\frac{4}{145}$	$\frac{1}{13}$	$\frac{47}{145}$	$\frac{49}{145}$	$\Phi_{1885}\ \Phi_{377}\ \Phi_{65}$
130731	1728	157	$\frac{4}{157}$	$\frac{13}{157}$	$\frac{51}{157}$	$\frac{53}{157}$	$\Phi_{157}^{11}\ \Phi_{1}^{12}$
130732	1728	1930	$\frac{4}{193}$	$\frac{1}{10}$	$\frac{63}{193}$	$\frac{65}{193}$	$\Phi_{1930}\ \Phi_{965}\ \Phi_{386}$
130733	1728	1727	$\frac{32}{1727}$	$\frac{191}{1727}$	$\frac{565}{1727}$	$\frac{581}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130734	1728	1953	$\frac{4}{217}$	$\frac{1}{9}$	$\frac{71}{217}$	$\frac{73}{217}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{279}\ \Phi_{93}\ \Phi_{63}\ \Phi_{21}$
130735	1728	2023	$\frac{4}{289}$	$\frac{1}{7}$	$\frac{95}{289}$	$\frac{97}{289}$	$\Phi_{2023}\ \Phi_{119}$
130736	1728	1727	$\frac{20}{1727}$	$\frac{287}{1727}$	$\frac{569}{1727}$	$\frac{579}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130737	1728	2165	$\frac{4}{433}$	$\frac{1}{5}$	$\frac{143}{433}$	$\frac{145}{433}$	Φ_{2165}
130738	1728	1727	$\frac{14}{1727}$	$\frac{383}{1727}$	$\frac{571}{1727}$	$\frac{578}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130739	1728	2308	$\frac{4}{577}$	$\frac{1}{4}$	$\frac{191}{577}$	$\frac{193}{577}$	$\Phi_{2308}\ \Phi_{1154}$
130740	1728	1727	$\frac{8}{1727}$	$\frac{573}{1727}$	$\frac{575}{1727}$	$\frac{577}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
130741	1728	2595	$\frac{4}{865}$	$\frac{287}{865}$	$\frac{1}{3}$	$\frac{289}{865}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130742	1728	651	$\frac{1}{217}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{651}^3\ \Phi_{217}^2\ \Phi_{93}^3\ \Phi_{31}^2\ \Phi_{21}^3\ \Phi_{7}^2$
130743	1728	1293	$\frac{2}{431}$	$\frac{143}{431}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1293}\ \Phi_{431}^2\ \Phi_{3}^2\ \Phi_{1}^4$
130744	1728	1740	$\frac{1}{145}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}^2\ \Phi_{348}\ \Phi_{290}^2\ \Phi_{174}\ \Phi_{116}^2\ \Phi_{60}\ \Phi_{58}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
130745	1728	1293	$\frac{3}{431}$	$\frac{107}{431}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1293}\ \Phi_{431}^2\ \Phi_{3}^2\ \Phi_{1}^4$
130746	1728	1635	$\frac{1}{109}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1635}\ \Phi_{545}^2$
130747	1728	1293	$\frac{5}{431}$	$\frac{71}{431}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1293}\ \Phi_{431}^2\ \Phi_{3}^2\ \Phi_{1}^4$
130748	1728	1533	$\frac{1}{73}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1533}\ \Phi_{511}^2$
130749	1728	1293	$\frac{7}{431}$	$\frac{53}{431}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1293}\ \Phi_{431}^2\ \Phi_{3}^2\ \Phi_{1}^4$
130750	1728	495	$\frac{1}{55}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{495}^4\ \Phi_{165}^3\ \Phi_{99}^4\ \Phi_{55}^2\ \Phi_{45}^4\ \Phi_{33}^3\ \Phi_{15}^3\ \Phi_{11}^2\ \Phi_{5}^2$
130751	1728	1293	$\frac{8}{431}$	$\frac{47}{431}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1293}\ \Phi_{431}^2\ \Phi_{3}^2\ \Phi_{1}^4$
130752	1728	1470	$\frac{1}{49}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}^2\ \Phi_{294}\ \Phi_{245}^2\ \Phi_{210}\ \Phi_{105}\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{14}^2$
130753	1728	1293	$\frac{11}{431}$	$\frac{35}{431}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1293}\ \Phi_{431}^2\ \Phi_{3}^2\ \Phi_{1}^4$
130754	1728	1443	$\frac{1}{37}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1443}\ \Phi_{481}^2$
130755	1728	1293	$\frac{15}{431}$	$\frac{26}{431}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1293}\ \Phi_{431}^2\ \Phi_{3}^2\ \Phi_{1}^4$
130756	1728	1428	$\frac{1}{28}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}^2\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{204}\ \Phi_{119}^2\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{34}^2$
130757	1728	1293	$\frac{17}{431}$	$\frac{23}{431}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1293}\ \Phi_{431}^2\ \Phi_{3}^2\ \Phi_{1}^4$
130758	1728	1425	$\frac{1}{25}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1425}\ \Phi_{475}^2\ \Phi_{285}\ \Phi_{95}^2$
130759	1728	3444	$\frac{2}{287}$	$\frac{1}{4}$	$\frac{95}{287}$	$\frac{1}{3}$	$\Phi_{3444}\ \Phi_{1722}\ \Phi_{492}\ \Phi_{246}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_{6}^2$
130760	1728	2595	$\frac{7}{865}$	$\frac{193}{865}$	$\frac{286}{865}$	$\frac{1}{3}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130761	1728	645	$\frac{2}{215}$	$\frac{1}{5}$	$\frac{71}{215}$	$\frac{1}{3}$	$\Phi_{645}^4\ \Phi_{129}^4\ \Phi_{15}^5\ \Phi_{3}^4$
130762	1728	519	$\frac{2}{173}$	$\frac{29}{173}$	$\frac{57}{173}$	$\frac{1}{3}$	$\Phi_{519}^5\ \Phi_{3}^4$
130763	1728	3003	$\frac{2}{143}$	$\frac{1}{7}$	$\frac{47}{143}$	$\frac{1}{3}$	$\Phi_{3003}\ \Phi_{273}\ \Phi_{231}\ \Phi_{21}^2$
130764	1728	2595	$\frac{16}{865}$	$\frac{97}{865}$	$\frac{283}{865}$	$\frac{1}{3}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130765	1728	963	$\frac{2}{107}$	$\frac{1}{9}$	$\frac{35}{107}$	$\frac{1}{3}$	$\Phi_{963}^2\ \Phi_{321}\ \Phi_{107}^2\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^4$
130766	1728	570	$\frac{2}{95}$	$\frac{1}{10}$	$\frac{31}{95}$	$\frac{1}{3}$	$\Phi_{570}^5\ \Phi_{285}^4\ \Phi_{114}^5\ \Phi_{57}^4\ \Phi_{30}^6\ \Phi_{15}^5\ \Phi_{6}^6\ \Phi_{3}^4$
130767	1728	2595	$\frac{22}{865}$	$\frac{73}{865}$	$\frac{281}{865}$	$\frac{1}{3}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130768	1728	2769	$\frac{2}{71}$	$\frac{1}{13}$	$\frac{23}{71}$	$\frac{1}{3}$	$\Phi_{2769}\ \Phi_{39}^2$
130769	1728	519	$\frac{5}{173}$	$\frac{13}{173}$	$\frac{56}{173}$	$\frac{1}{3}$	$\Phi_{519}^5\ \Phi_{3}^4$
130770	1728	2703	$\frac{2}{53}$	$\frac{1}{17}$	$\frac{17}{53}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{51}^2$
130771	1728	2595	$\frac{34}{865}$	$\frac{49}{865}$	$\frac{277}{865}$	$\frac{1}{3}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130772	1728	2679	$\frac{2}{47}$	$\frac{1}{19}$	$\frac{15}{47}$	$\frac{1}{3}$	$\Phi_{2679}\ \Phi_{57}^2$
130773	1728	2595	$\frac{37}{865}$	$\frac{46}{865}$	$\frac{273}{865}$	$\frac{1}{3}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130774	1728	525	$\frac{1}{25}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{525}^5\ \Phi_{105}^4\ \Phi_{75}^6\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_{3}^4$
130775	1728	2595	$\frac{33}{865}$	$\frac{52}{865}$	$\frac{271}{865}$	$\frac{1}{3}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130776	1728	429	$\frac{1}{33}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{429}^4\ \Phi_{143}^4\ \Phi_{39}^2\ \Phi_{33}^6\ \Phi_{13}^4\ \Phi_{11}^6\ \Phi_{3}^3\ \Phi_{1}^6$
130777	1728	519	$\frac{5}{173}$	$\frac{14}{173}$	$\frac{53}{173}$	$\frac{1}{3}$	$\Phi_{519}^5\ \Phi_{3}^4$
130778	1728	2553	$\frac{1}{37}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{2553}\ \Phi_{111}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
130779	1728	2595	$\frac{19}{865}$	$\frac{94}{865}$	$\frac{257}{865}$	$\frac{1}{3}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130780	1728	2499	$\frac{1}{49}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{2499}\ \Phi_{357}\ \Phi_{147}^2\ \Phi_{21}^2$
130781	1728	2595	$\frac{17}{865}$	$\frac{106}{865}$	$\frac{253}{865}$	$\frac{1}{3}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130782	1728	495	$\frac{1}{55}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{495}^5\ \Phi_{165}\ \Phi_{99}^5\ \Phi_{45}^4\ \Phi_{33}\ \Phi_{15}\ \Phi_{9}^4$
130783	1728	2595	$\frac{13}{865}$	$\frac{142}{865}$	$\frac{241}{865}$	$\frac{1}{3}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130784	1728	2409	$\frac{1}{73}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{2409}\ \Phi_{219}^2$
130785	1728	2595	$\frac{9}{865}$	$\frac{214}{865}$	$\frac{217}{865}$	$\frac{1}{3}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130786	1728	1164	$\frac{1}{97}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1164}^2\ \Phi_{582}^2\ \Phi_{291}^3$
130787	1728	3444	$\frac{3}{287}$	$\frac{71}{287}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3444}\ \Phi_{1722}\ \Phi_{492}\ \Phi_{246}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_{6}^2$
130788	1728	4380	$\frac{1}{73}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{4380}\ \Phi_{2190}$
130789	1728	3444	$\frac{5}{287}$	$\frac{47}{287}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3444}\ \Phi_{1722}\ \Phi_{492}\ \Phi_{246}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_{6}^2$
130790	1728	588	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}^6\ \Phi_{294}^6\ \Phi_{84}^5\ \Phi_{42}^5\ \Phi_{12}^6\ \Phi_{6}^6$
130791	1728	492	$\frac{1}{41}$	$\frac{5}{41}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{492}^7\ \Phi_{246}^7\ \Phi_{12}^8\ \Phi_{6}^8$
130792	1728	1332	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1332}^2\ \Phi_{666}^2\ \Phi_{444}\ \Phi_{222}\ \Phi_{148}^2\ \Phi_{74}^2$
130793	1728	3444	$\frac{8}{287}$	$\frac{31}{287}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3444}\ \Phi_{1722}\ \Phi_{492}\ \Phi_{246}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_{6}^2$
130794	1728	660	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^4\ \Phi_{330}^2\ \Phi_{220}^4\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{30}$ $\Phi_{20}^4\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
130795	1728	3444	$\frac{11}{287}$	$\frac{23}{287}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3444}\ \Phi_{1722}\ \Phi_{492}\ \Phi_{246}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_{6}^2$
130796	1728	3900	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3900}\ \Phi_{1950}\ \Phi_{780}\ \Phi_{390}$
130797	1728	3444	$\frac{15}{287}$	$\frac{17}{287}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3444}\ \Phi_{1722}\ \Phi_{492}\ \Phi_{246}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_{6}^2$
130798	1728	3876	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3876}\ \Phi_{1938}$
130799	1728	645	$\frac{3}{215}$	$\frac{1}{5}$	$\frac{53}{215}$	$\frac{1}{3}$	$\Phi_{645}^4\ \Phi_{129}^4\ \Phi_{15}^5\ \Phi_{3}^4$
130800	1728	2595	$\frac{13}{865}$	$\frac{163}{865}$	$\frac{213}{865}$	$\frac{1}{3}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130801	1728	3003	$\frac{3}{143}$	$\frac{1}{7}$	$\frac{35}{143}$	$\frac{1}{3}$	$\Phi_{3003}\ \Phi_{273}\ \Phi_{231}\ \Phi_{21}^2$
130802	1728	2595	$\frac{21}{865}$	$\frac{109}{865}$	$\frac{211}{865}$	$\frac{1}{3}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130803	1728	963	$\frac{3}{107}$	$\frac{1}{9}$	$\frac{26}{107}$	$\frac{1}{3}$	$\Phi_{963}^2\ \Phi_{321}\ \Phi_{107}^2\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^4$
130804	1728	570	$\frac{3}{95}$	$\frac{1}{10}$	$\frac{23}{95}$	$\frac{1}{3}$	$\Phi_{570}^5\ \Phi_{285}^4\ \Phi_{114}^5\ \Phi_{57}^4\ \Phi_{30}^6\ \Phi_{15}^5\ \Phi_{6}^6\ \Phi_{3}^4$
130805	1728	2595	$\frac{29}{865}$	$\frac{82}{865}$	$\frac{209}{865}$	$\frac{1}{3}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130806	1728	2595	$\frac{33}{865}$	$\frac{73}{865}$	$\frac{208}{865}$	$\frac{1}{3}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130807	1728	2769	$\frac{3}{71}$	$\frac{1}{13}$	$\frac{17}{71}$	$\frac{1}{3}$	$\Phi_{2769}\ \Phi_{39}^2$
130808	1728	519	$\frac{9}{173}$	$\frac{11}{173}$	$\frac{41}{173}$	$\frac{1}{3}$	$\Phi_{519}^5\ \Phi_{3}^4$
130809	1728	2679	$\frac{1}{19}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{1}{3}$	$\Phi_{2679}\ \Phi_{57}^2$
130810	1728	2595	$\frac{37}{865}$	$\frac{69}{865}$	$\frac{199}{865}$	$\frac{1}{3}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130811	1728	525	$\frac{1}{25}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{525}^5\ \Phi_{105}^4\ \Phi_{75}^6\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_{3}^4$
130812	1728	2604	$\frac{1}{28}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{2604}\ \Phi_{1302}\ \Phi_{651}\ \Phi_{372}\ \Phi_{186}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_{6}^2$
130813	1728	2595	$\frac{28}{865}$	$\frac{93}{865}$	$\frac{193}{865}$	$\frac{1}{3}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130814	1728	519	$\frac{5}{173}$	$\frac{21}{173}$	$\frac{38}{173}$	$\frac{1}{3}$	$\Phi_{519}^5\ \Phi_{3}^4$
130815	1728	2553	$\frac{1}{37}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{2553}\ \Phi_{111}^2$
130816	1728	2595	$\frac{19}{865}$	$\frac{141}{865}$	$\frac{181}{865}$	$\frac{1}{3}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130817	1728	165	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{165}^{16}\ \Phi_{33}^{16}\ \Phi_{15}^{13}\ \Phi_{3}^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
130818	1728	3225	$\frac{4}{215}$	$\frac{211}{1075}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3225}\ \Phi_{75}\ \Phi_{15}$
130819	1728	645	$\frac{1}{43}$	$\frac{7}{43}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{645}^5\ \Phi_{15}^6$
130820	1728	3885	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	Φ_{3885}
130821	1728	645	$\frac{7}{215}$	$\frac{26}{215}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{645}^4\ \Phi_{129}^4\ \Phi_{15}^5\ \Phi_3^4$
130822	1728	1260	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}\ \Phi_{315}^2\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
130823	1728	645	$\frac{8}{215}$	$\frac{23}{215}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{645}^4\ \Phi_{129}^4\ \Phi_{15}^5\ \Phi_3^4$
130824	1728	150	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{150}^{20}\ \Phi_{75}^{16}\ \Phi_{30}^{16}\ \Phi_{15}^{13}\ \Phi_6^{16}\ \Phi_3^{12}$
130825	1728	645	$\frac{11}{215}$	$\frac{17}{215}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{645}^4\ \Phi_{129}^4\ \Phi_{15}^5\ \Phi_3^4$
130826	1728	3705	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{3}$	Φ_{3705}
130827	1728	519	$\frac{5}{173}$	$\frac{28}{173}$	$\frac{29}{173}$	$\frac{1}{3}$	$\Phi_{519}^5\ \Phi_3^4$
130828	1728	3003	$\frac{5}{143}$	$\frac{1}{7}$	$\frac{23}{143}$	$\frac{1}{3}$	$\Phi_{3003}\ \Phi_{273}\ \Phi_{231}\ \Phi_{21}^2$
130829	1728	2595	$\frac{31}{865}$	$\frac{121}{865}$	$\frac{139}{865}$	$\frac{1}{3}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130830	1728	963	$\frac{5}{107}$	$\frac{1}{9}$	$\frac{17}{107}$	$\frac{1}{3}$	$\Phi_{963}^2\ \Phi_{321}\ \Phi_{107}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
130831	1728	2595	$\frac{43}{865}$	$\frac{91}{865}$	$\frac{137}{865}$	$\frac{1}{3}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130832	1728	570	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{3}{19}$	$\frac{1}{3}$	$\Phi_{570}^5\ \Phi_{285}^5\ \Phi_{114}^5\ \Phi_{30}^6\ \Phi_{15}^6\ \Phi_6^6$
130833	1728	2595	$\frac{49}{865}$	$\frac{81}{865}$	$\frac{136}{865}$	$\frac{1}{3}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130834	1728	2769	$\frac{5}{71}$	$\frac{1}{13}$	$\frac{11}{71}$	$\frac{1}{3}$	$\Phi_{2769}\ \Phi_{39}^2$
130835	1728	2595	$\frac{61}{865}$	$\frac{67}{865}$	$\frac{133}{865}$	$\frac{1}{3}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130836	1728	2703	$\frac{1}{17}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{51}^2$
130837	1728	2595	$\frac{46}{865}$	$\frac{91}{865}$	$\frac{129}{865}$	$\frac{1}{3}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130838	1728	2679	$\frac{1}{19}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{3}$	$\Phi_{2679}\ \Phi_{57}^2$
130839	1728	2595	$\frac{41}{865}$	$\frac{103}{865}$	$\frac{127}{865}$	$\frac{1}{3}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130840	1728	525	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{525}^5\ \Phi_{105}^5\ \Phi_{75}^6\ \Phi_{15}^6$
130841	1728	3003	$\frac{7}{143}$	$\frac{17}{143}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{3003}\ \Phi_{273}\ \Phi_{231}\ \Phi_{21}^2$
130842	1728	1197	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1197}^2\ \Phi_{399}\ \Phi_{133}^2$
130843	1728	3003	$\frac{8}{143}$	$\frac{15}{143}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{3003}\ \Phi_{273}\ \Phi_{231}\ \Phi_{21}^2$
130844	1728	3570	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{3570}\ \Phi_{1785}\ \Phi_{714}$
130845	1728	231	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{231}^{11}\ \Phi_{33}^{12}\ \Phi_{21}^{12}\ \Phi_3^{12}$
130846	1728	273	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{273}^{11}\ \Phi_{21}^{12}$
130847	1728	570	$\frac{7}{95}$	$\frac{1}{10}$	$\frac{11}{95}$	$\frac{1}{3}$	$\Phi_{570}^5\ \Phi_{285}^4\ \Phi_{114}^5\ \Phi_{57}^4\ \Phi_{30}^6\ \Phi_{15}^5\ \Phi_6^6\ \Phi_3^4$
130848	1728	519	$\frac{13}{173}$	$\frac{17}{173}$	$\frac{20}{173}$	$\frac{1}{3}$	$\Phi_{519}^5\ \Phi_3^4$
130849	1728	2769	$\frac{1}{13}$	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{3}$	$\Phi_{2769}\ \Phi_{39}^2$
130850	1728	2595	$\frac{64}{865}$	$\frac{89}{865}$	$\frac{97}{865}$	$\frac{1}{3}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{15}$
130851	1728	963	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{963}^2\ \Phi_{321}\ \Phi_{107}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
130852	1728	1170	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{390}\ \Phi_{234}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{26}^2$
130853	1728	764	$\frac{2}{191}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{63}{191}$	$\Phi_{764}^2\ \Phi_{382}^2\ \Phi_{191}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
130854	1728	1727	$\frac{20}{1727}$	$\frac{386}{1727}$	$\frac{447}{1727}$	$\frac{569}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_1^2$
130855	1728	2308	$\frac{7}{577}$	$\frac{129}{577}$	$\frac{1}{4}$	$\frac{190}{577}$	$\Phi_{2308}\ \Phi_{1154}$
130856	1728	143	$\frac{2}{143}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{47}{143}$	$\Phi_{143}^{12}\ \Phi_{13}^{12}\ \Phi_{11}^{13}\ \Phi_1^{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
130857	1728	2860	$\frac{2}{143}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{47}{143}$	$\Phi_{2860}\ \Phi_{1430}\ \Phi_{260}\ \Phi_{220}\ \Phi_{130}\ \Phi_{110}\ \Phi_{20}^2\ \Phi_{10}^2$
130858	1728	1727	$\frac{26}{1727}$	$\frac{290}{1727}$	$\frac{479}{1727}$	$\frac{567}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130859	1728	2165	$\frac{7}{433}$	$\frac{1}{5}$	$\frac{97}{433}$	$\frac{142}{433}$	Φ_{2165}
130860	1728	1727	$\frac{29}{1727}$	$\frac{335}{1727}$	$\frac{387}{1727}$	$\frac{566}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130861	1728	2308	$\frac{10}{577}$	$\frac{97}{577}$	$\frac{1}{4}$	$\frac{189}{577}$	$\Phi_{2308}\ \Phi_{1154}$
130862	1728	535	$\frac{2}{107}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{35}{107}$	$\Phi_{535}^3\ \Phi_{107}^4\ \Phi_{5}^6\ \Phi_{1}^8$
130863	1728	1615	$\frac{2}{95}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{31}{95}$	$\Phi_{1615}\ \Phi_{323}\ \Phi_{95}^2\ \Phi_{85}\ \Phi_{19}^2\ \Phi_{17}^2\ \Phi_{5}^2\ \Phi_{1}^4$
130864	1728	2660	$\frac{2}{95}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{31}{95}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{532}\ \Phi_{266}\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}^2\ \Phi_{14}^2$
130865	1728	1727	$\frac{38}{1727}$	$\frac{194}{1727}$	$\frac{511}{1727}$	$\frac{563}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130866	1728	1727	$\frac{38}{1727}$	$\frac{291}{1727}$	$\frac{359}{1727}$	$\frac{563}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130867	1728	2165	$\frac{10}{433}$	$\frac{73}{433}$	$\frac{1}{5}$	$\frac{141}{433}$	Φ_{2165}
130868	1728	2023	$\frac{7}{289}$	$\frac{1}{7}$	$\frac{65}{289}$	$\frac{94}{289}$	$\Phi_{2023}\ \Phi_{119}$
130869	1728	1727	$\frac{47}{1727}$	$\frac{223}{1727}$	$\frac{389}{1727}$	$\frac{560}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130870	1728	2308	$\frac{16}{577}$	$\frac{65}{577}$	$\frac{1}{4}$	$\frac{187}{577}$	$\Phi_{2308}\ \Phi_{1154}$
130871	1728	1633	$\frac{2}{71}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{23}{71}$	$\Phi_{1633}\ \Phi_{71}^2\ \Phi_{23}^2\ \Phi_{1}^4$
130872	1728	2556	$\frac{2}{71}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{23}{71}$	$\Phi_{2556}\ \Phi_{1278}\ \Phi_{852}\ \Phi_{426}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{6}^2$
130873	1728	1633	$\frac{2}{71}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{23}{71}$	$\Phi_{1633}\ \Phi_{71}^2\ \Phi_{23}^2\ \Phi_{1}^4$
130874	1728	2485	$\frac{2}{71}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{23}{71}$	$\Phi_{2485}\ \Phi_{35}^2$
130875	1728	1727	$\frac{50}{1727}$	$\frac{146}{1727}$	$\frac{527}{1727}$	$\frac{559}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130876	1728	279	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{7}{31}$	$\frac{10}{31}$	$\Phi_{279}^7\ \Phi_{93}^7\ \Phi_{9}^6\ \Phi_{3}^6$
130877	1728	1727	$\frac{56}{1727}$	$\frac{195}{1727}$	$\frac{383}{1727}$	$\frac{557}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130878	1728	2023	$\frac{10}{289}$	$\frac{1}{7}$	$\frac{49}{289}$	$\frac{93}{289}$	$\Phi_{2023}\ \Phi_{119}$
130879	1728	1727	$\frac{62}{1727}$	$\frac{239}{1727}$	$\frac{293}{1727}$	$\frac{555}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130880	1728	2165	$\frac{16}{433}$	$\frac{49}{433}$	$\frac{1}{5}$	$\frac{139}{433}$	Φ_{2165}
130881	1728	1727	$\frac{65}{1727}$	$\frac{167}{1727}$	$\frac{391}{1727}$	$\frac{554}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130882	1728	1643	$\frac{2}{53}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{17}{53}$	$\Phi_{1643}\ \Phi_{53}^2\ \Phi_{31}^2\ \Phi_{1}^4$
130883	1728	2385	$\frac{2}{53}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{17}{53}$	$\Phi_{2385}\ \Phi_{795}\ \Phi_{45}^2\ \Phi_{15}^2$
130884	1728	2308	$\frac{22}{577}$	$\frac{49}{577}$	$\frac{1}{4}$	$\frac{185}{577}$	$\Phi_{2308}\ \Phi_{1154}$
130885	1728	1645	$\frac{2}{47}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{15}{47}$	$\Phi_{1645}\ \Phi_{329}\ \Phi_{235}\ \Phi_{47}^2\ \Phi_{35}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
130886	1728	2444	$\frac{2}{47}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{15}{47}$	$\Phi_{2444}\ \Phi_{1222}\ \Phi_{52}^2\ \Phi_{26}^2$
130887	1728	1645	$\frac{2}{47}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{15}{47}$	$\Phi_{1645}\ \Phi_{329}\ \Phi_{235}\ \Phi_{47}^2\ \Phi_{35}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
130888	1728	470	$\frac{2}{47}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{15}{47}$	$\Phi_{470}^4\ \Phi_{235}^3\ \Phi_{94}^4\ \Phi_{47}^4\ \Phi_{10}^8\ \Phi_{5}^6\ \Phi_{2}^8\ \Phi_{1}^8$
130889	1728	329	$\frac{2}{47}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{15}{47}$	$\Phi_{329}^5\ \Phi_{47}^6\ \Phi_{7}^{10}\ \Phi_{1}^{12}$
130890	1728	1727	$\frac{74}{1727}$	$\frac{98}{1727}$	$\frac{543}{1727}$	$\frac{551}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130891	1728	1727	$\frac{74}{1727}$	$\frac{147}{1727}$	$\frac{395}{1727}$	$\frac{551}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130892	1728	1953	$\frac{10}{217}$	$\frac{1}{9}$	$\frac{37}{217}$	$\frac{69}{217}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{279}\ \Phi_{93}\ \Phi_{63}\ \Phi_{21}$
130893	1728	1727	$\frac{83}{1727}$	$\frac{131}{1727}$	$\frac{399}{1727}$	$\frac{548}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$
130894	1728	1885	$\frac{7}{145}$	$\frac{1}{13}$	$\frac{33}{145}$	$\frac{46}{145}$	$\Phi_{1885}\ \Phi_{377}\ \Phi_{65}$
130895	1728	1727	$\frac{86}{1727}$	$\frac{179}{1727}$	$\frac{295}{1727}$	$\frac{547}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
130896	1728	2165	$\frac{22}{433}$	$\frac{37}{433}$	$\frac{1}{5}$	$\frac{137}{433}$	Φ_{2165}
130897	1728	1930	$\frac{10}{193}$	$\frac{1}{10}$	$\frac{33}{193}$	$\frac{61}{193}$	$\Phi_{1930}\ \Phi_{965}\ \Phi_{386}$
130898	1728	1727	$\frac{92}{1727}$	$\frac{197}{1727}$	$\frac{255}{1727}$	$\frac{545}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130899	1728	187	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{59}{187}$	$\Phi_{187}^{9}\ \Phi_{17}^{9}\ \Phi_{11}^{13}\ \Phi_{1}^{14}$
130900	1728	2023	$\frac{16}{289}$	$\frac{33}{289}$	$\frac{1}{7}$	$\frac{91}{289}$	$\Phi_{2023}\ \Phi_{119}$
130901	1728	1727	$\frac{98}{1727}$	$\frac{159}{1727}$	$\frac{296}{1727}$	$\frac{543}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130902	1728	2380	$\frac{2}{35}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{11}{35}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{476}\ \Phi_{340}\ \Phi_{238}\ \Phi_{170}\ \Phi_{68}^{2}\ \Phi_{34}^{2}$
130903	1728	1645	$\frac{2}{35}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{11}{35}$	$\Phi_{1645}\ \Phi_{329}\ \Phi_{235}\ \Phi_{47}^{2}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
130904	1728	455	$\frac{2}{35}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{11}{35}$	$\Phi_{455}^{4}\ \Phi_{91}^{4}\ \Phi_{65}^{5}\ \Phi_{13}^{4}$
130905	1728	1645	$\frac{2}{35}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{11}{35}$	$\Phi_{1645}\ \Phi_{329}\ \Phi_{235}\ \Phi_{47}^{2}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
130906	1728	315	$\frac{2}{35}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{11}{35}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{63}^{7}\ \Phi_{45}^{6}\ \Phi_{21}^{7}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{3}^{6}$
130907	1728	2165	$\frac{25}{433}$	$\frac{33}{433}$	$\frac{1}{5}$	$\frac{136}{433}$	Φ_{2165}
130908	1728	1727	$\frac{101}{1727}$	$\frac{111}{1727}$	$\frac{395}{1727}$	$\frac{542}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130909	1728	2308	$\frac{33}{577}$	$\frac{34}{577}$	$\frac{1}{4}$	$\frac{181}{577}$	$\Phi_{2308}\ \Phi_{1154}$
130910	1728	157	$\frac{9}{157}$	$\frac{10}{157}$	$\frac{37}{157}$	$\frac{49}{157}$	$\Phi_{157}^{11}\ \Phi_{1}^{12}$
130911	1728	157	$\frac{10}{157}$	$\frac{13}{157}$	$\frac{27}{157}$	$\frac{49}{157}$	$\Phi_{157}^{11}\ \Phi_{1}^{12}$
130912	1728	157	$\frac{10}{157}$	$\frac{17}{157}$	$\frac{21}{157}$	$\frac{49}{157}$	$\Phi_{157}^{11}\ \Phi_{1}^{12}$
130913	1728	1853	$\frac{1}{17}$	$\frac{7}{109}$	$\frac{25}{109}$	$\frac{34}{109}$	Φ_{1853}
130914	1728	377	$\frac{2}{29}$	$\frac{1}{13}$	$\frac{5}{29}$	$\frac{9}{29}$	$\Phi_{377}^{5}\ \Phi_{13}^{4}$
130915	1728	1727	$\frac{122}{1727}$	$\frac{149}{1727}$	$\frac{263}{1727}$	$\frac{535}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130916	1728	1953	$\frac{16}{217}$	$\frac{1}{9}$	$\frac{25}{217}$	$\frac{67}{217}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{279}\ \Phi_{93}\ \Phi_{63}\ \Phi_{21}$
130917	1728	1727	$\frac{128}{1727}$	$\frac{191}{1727}$	$\frac{199}{1727}$	$\frac{533}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130918	1728	2023	$\frac{22}{289}$	$\frac{25}{289}$	$\frac{1}{7}$	$\frac{89}{289}$	$\Phi_{2023}\ \Phi_{119}$
130919	1728	273	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{5}{21}$	$\frac{4}{13}$	$\Phi_{273}^{6}\ \Phi_{91}^{6}\ \Phi_{39}^{6}\ \Phi_{21}^{9}\ \Phi_{13}^{8}\ \Phi_{7}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{12}$
130920	1728	1105	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{1105}^{2}\ \Phi_{85}^{3}$
130921	1728	455	$\frac{1}{13}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{4}{13}$	$\Phi_{455}^{4}\ \Phi_{91}^{2}\ \Phi_{65}^{4}\ \Phi_{35}^{6}\ \Phi_{13}^{4}\ \Phi_{7}^{3}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
130922	1728	117	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{13}$	$\Phi_{117}^{14}\ \Phi_{39}^{14}\ \Phi_{13}^{16}\ \Phi_{9}^{21}\ \Phi_{3}^{21}\ \Phi_{1}^{24}$
130923	1728	1727	$\frac{119}{1727}$	$\frac{134}{1727}$	$\frac{299}{1727}$	$\frac{531}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130924	1728	2165	$\frac{25}{433}$	$\frac{34}{433}$	$\frac{1}{5}$	$\frac{133}{433}$	Φ_{2165}
130925	1728	1727	$\frac{83}{1727}$	$\frac{137}{1727}$	$\frac{399}{1727}$	$\frac{530}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130926	1728	2308	$\frac{25}{577}$	$\frac{46}{577}$	$\frac{1}{4}$	$\frac{177}{577}$	$\Phi_{2308}\ \Phi_{1154}$
130927	1728	1727	$\frac{75}{1727}$	$\frac{146}{1727}$	$\frac{413}{1727}$	$\frac{527}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130928	1728	2300	$\frac{1}{25}$	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{2300}\ \Phi_{1150}\ \Phi_{460}\ \Phi_{230}\ \Phi_{100}^{2}\ \Phi_{50}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
130929	1728	1633	$\frac{3}{71}$	$\frac{2}{23}$	$\frac{17}{71}$	$\frac{7}{23}$	$\Phi_{1633}\ \Phi_{71}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$
130930	1728	2185	$\frac{1}{19}$	$\frac{2}{23}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{2185}\ \Phi_{95}^{2}$
130931	1728	1633	$\frac{5}{71}$	$\frac{2}{23}$	$\frac{11}{71}$	$\frac{7}{23}$	$\Phi_{1633}\ \Phi_{71}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$
130932	1728	2093	$\frac{1}{13}$	$\frac{2}{23}$	$\frac{1}{7}$	$\frac{7}{23}$	$\Phi_{2093}\ \Phi_{91}^{2}$
130933	1728	1633	$\frac{2}{23}$	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{7}{23}$	$\Phi_{1633}\ \Phi_{71}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$
130934	1728	2070	$\frac{2}{23}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{7}{23}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{414}\ \Phi_{345}\ \Phi_{138}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
130935	1728	1853	$\frac{1}{17}$	$\frac{10}{109}$	$\frac{19}{109}$	$\frac{33}{109}$	Φ_{1853}
130936	1728	1727	$\frac{67}{1727}$	$\frac{164}{1727}$	$\frac{415}{1727}$	$\frac{521}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130937	1728	1825	$\frac{1}{25}$	$\frac{7}{73}$	$\frac{17}{73}$	$\frac{22}{73}$	$\Phi_{1825}\ \Phi_{365}$
130938	1728	1727	$\frac{151}{1727}$	$\frac{170}{1727}$	$\frac{197}{1727}$	$\frac{519}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130939	1728	1953	$\frac{19}{217}$	$\frac{22}{217}$	$\frac{1}{9}$	$\frac{65}{217}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{279}\ \Phi_{93}\ \Phi_{63}\ \Phi_{21}$
130940	1728	1843	$\frac{1}{19}$	$\frac{10}{97}$	$\frac{17}{97}$	$\frac{29}{97}$	Φ_{1843}
130941	1728	1727	$\frac{89}{1727}$	$\frac{182}{1727}$	$\frac{303}{1727}$	$\frac{515}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130942	1728	1727	$\frac{101}{1727}$	$\frac{182}{1727}$	$\frac{271}{1727}$	$\frac{515}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130943	1728	2165	$\frac{19}{433}$	$\frac{46}{433}$	$\frac{1}{5}$	$\frac{129}{433}$	Φ_{2165}
130944	1728	1885	$\frac{1}{13}$	$\frac{16}{145}$	$\frac{17}{145}$	$\frac{43}{145}$	$\Phi_{1885}\ \Phi_{377}\ \Phi_{65}$
130945	1728	1727	$\frac{135}{1727}$	$\frac{191}{1727}$	$\frac{199}{1727}$	$\frac{512}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130946	1728	1727	$\frac{152}{1727}$	$\frac{175}{1727}$	$\frac{194}{1727}$	$\frac{511}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130947	1728	1930	$\frac{17}{193}$	$\frac{1}{10}$	$\frac{22}{193}$	$\frac{57}{193}$	$\Phi_{1930}\ \Phi_{965}\ \Phi_{386}$
130948	1728	1953	$\frac{17}{217}$	$\frac{1}{9}$	$\frac{25}{217}$	$\frac{64}{217}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{279}\ \Phi_{93}\ \Phi_{63}\ \Phi_{21}$
130949	1728	1727	$\frac{127}{1727}$	$\frac{200}{1727}$	$\frac{203}{1727}$	$\frac{509}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130950	1728	2244	$\frac{1}{33}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{374}\ \Phi_{204}\ \Phi_{132}^{2}\ \Phi_{102}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
130951	1728	1615	$\frac{3}{95}$	$\frac{2}{17}$	$\frac{23}{95}$	$\frac{5}{17}$	$\Phi_{1615}\ \Phi_{323}\ \Phi_{95}^{2}\ \Phi_{85}\ \Phi_{19}^{2}\ \Phi_{17}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
130952	1728	425	$\frac{1}{25}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{425}^{4}\ \Phi_{85}^{3}\ \Phi_{25}^{8}\ \Phi_{17}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
130953	1728	323	$\frac{1}{19}$	$\frac{2}{17}$	$\frac{3}{19}$	$\frac{5}{17}$	$\Phi_{323}^{5}\ \Phi_{19}^{10}\ \Phi_{17}^{6}\ \Phi_{1}^{12}$
130954	1728	119	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{5}{17}$	$\Phi_{119}^{17}\ \Phi_{7}^{16}$
130955	1728	1615	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{1615}\ \Phi_{323}\ \Phi_{95}^{2}\ \Phi_{85}\ \Phi_{19}^{2}\ \Phi_{17}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
130956	1728	1989	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{1989}\ \Phi_{663}\ \Phi_{117}^{2}\ \Phi_{39}^{2}$
130957	1728	1727	$\frac{79}{1727}$	$\frac{206}{1727}$	$\frac{305}{1727}$	$\frac{507}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130958	1728	2165	$\frac{17}{433}$	$\frac{52}{433}$	$\frac{1}{5}$	$\frac{127}{433}$	Φ_{2165}
130959	1728	157	$\frac{5}{157}$	$\frac{19}{157}$	$\frac{37}{157}$	$\frac{46}{157}$	$\Phi_{157}^{11}\ \Phi_{1}^{12}$
130960	1728	2308	$\frac{17}{577}$	$\frac{70}{577}$	$\frac{1}{4}$	$\frac{169}{577}$	$\Phi_{2308}\ \Phi_{1154}$
130961	1728	1727	$\frac{51}{1727}$	$\frac{218}{1727}$	$\frac{419}{1727}$	$\frac{503}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130962	1728	165	$\frac{1}{33}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{165}^{11}\ \Phi_{55}^{10}\ \Phi_{33}^{10}\ \Phi_{15}^{11}\ \Phi_{11}^{9}\ \Phi_{5}^{10}\ \Phi_{3}^{10}\ \Phi_{1}^{10}$
130963	1728	1260	$\frac{1}{28}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{252}^{2}\ \Phi_{180}^{2}\ \Phi_{140}\ \Phi_{126}^{2}\ \Phi_{90}^{2}\ \Phi_{70}\ \Phi_{63}^{2}\ \Phi_{36}^{2}\ \Phi_{35}\ \Phi_{20}\ \Phi_{18}^{2}\ \Phi_{10}$
130964	1728	1825	$\frac{1}{25}$	$\frac{10}{73}$	$\frac{13}{73}$	$\frac{21}{73}$	$\Phi_{1825}\ \Phi_{365}$
130965	1728	157	$\frac{7}{157}$	$\frac{22}{157}$	$\frac{25}{157}$	$\frac{45}{157}$	$\Phi_{157}^{11}\ \Phi_{1}^{12}$
130966	1728	777	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{777}^{3}\ \Phi_{259}\ \Phi_{111}^{3}$
130967	1728	693	$\frac{5}{77}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{693}^{3}\ \Phi_{231}^{3}\ \Phi_{99}^{3}\ \Phi_{63}\ \Phi_{33}^{3}\ \Phi_{21}$
130968	1728	1853	$\frac{1}{17}$	$\frac{13}{109}$	$\frac{16}{109}$	$\frac{31}{109}$	Φ_{1853}
130969	1728	1727	$\frac{103}{1727}$	$\frac{203}{1727}$	$\frac{254}{1727}$	$\frac{491}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130970	1728	1885	$\frac{1}{13}$	$\frac{13}{145}$	$\frac{22}{145}$	$\frac{41}{145}$	$\Phi_{1885}\ \Phi_{377}\ \Phi_{65}$
130971	1728	1727	$\frac{131}{1727}$	$\frac{155}{1727}$	$\frac{266}{1727}$	$\frac{487}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130972	1728	1953	$\frac{13}{217}$	$\frac{1}{9}$	$\frac{34}{217}$	$\frac{61}{217}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{279}\ \Phi_{93}\ \Phi_{63}\ \Phi_{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
130973	1728	1727	$\frac{95}{1727}$	$\frac{207}{1727}$	$\frac{272}{1727}$	$\frac{485}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130974	1728	2023	$\frac{13}{289}$	$\frac{1}{7}$	$\frac{46}{289}$	$\frac{81}{289}$	$\Phi_{2023}\ \Phi_{119}$
130975	1728	825	$\frac{1}{33}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{825}^{2}\ \Phi_{275}^{2}\ \Phi_{165}^{3}\ \Phi_{75}^{2}\ \Phi_{55}^{3}\ \Phi_{33}^{2}\ \Phi_{15}^{3}\ \Phi_{11}^{2}\ \Phi_{3}^{2}$
130976	1728	1727	$\frac{59}{1727}$	$\frac{278}{1727}$	$\frac{311}{1727}$	$\frac{483}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130977	1728	2165	$\frac{13}{433}$	$\frac{70}{433}$	$\frac{1}{5}$	$\frac{121}{433}$	Φ_{2165}
130978	1728	1727	$\frac{41}{1727}$	$\frac{281}{1727}$	$\frac{415}{1727}$	$\frac{482}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130979	1728	2308	$\frac{13}{577}$	$\frac{94}{577}$	$\frac{1}{4}$	$\frac{161}{577}$	$\Phi_{2308}\ \Phi_{1154}$
130980	1728	2156	$\frac{1}{49}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{2156}\ \Phi_{1078}\ \Phi_{308}\ \Phi_{196}^{2}\ \Phi_{154}\ \Phi_{98}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
130981	1728	143	$\frac{3}{143}$	$\frac{2}{11}$	$\frac{35}{143}$	$\frac{3}{11}$	$\Phi_{143}^{12}\ \Phi_{13}^{12}\ \Phi_{11}^{13}\ \Phi_{1}^{14}$
130982	1728	2035	$\frac{1}{37}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{2035}\ \Phi_{185}^{2}$
130983	1728	143	$\frac{5}{143}$	$\frac{23}{143}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{143}^{12}\ \Phi_{13}^{12}\ \Phi_{11}^{13}\ \Phi_{1}^{14}$
130984	1728	1925	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1925}\ \Phi_{385}\ \Phi_{175}^{2}\ \Phi_{35}^{2}$
130985	1728	143	$\frac{7}{143}$	$\frac{17}{143}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{143}^{12}\ \Phi_{13}^{12}\ \Phi_{11}^{13}\ \Phi_{1}^{14}$
130986	1728	1881	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{171}^{2}\ \Phi_{57}^{2}$
130987	1728	143	$\frac{8}{143}$	$\frac{15}{143}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{143}^{12}\ \Phi_{13}^{12}\ \Phi_{11}^{13}\ \Phi_{1}^{14}$
130988	1728	1870	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{374}\ \Phi_{170}^{2}\ \Phi_{85}^{2}\ \Phi_{34}^{2}$
130989	1728	77	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{77}^{24}\ \Phi_{11}^{13}\ \Phi_{7}^{24}\ \Phi_{1}^{14}$
130990	1728	143	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{143}^{11}\ \Phi_{13}^{22}\ \Phi_{11}^{12}\ \Phi_{1}^{24}$
130991	1728	1727	$\frac{35}{1727}$	$\frac{326}{1727}$	$\frac{423}{1727}$	$\frac{467}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130992	1728	1813	$\frac{1}{49}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{1813}\ \Phi_{259}$
130993	1728	2100	$\frac{1}{28}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
130994	1728	1813	$\frac{1}{37}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{1813}\ \Phi_{259}$
130995	1728	1727	$\frac{53}{1727}$	$\frac{279}{1727}$	$\frac{362}{1727}$	$\frac{455}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130996	1728	1825	$\frac{1}{25}$	$\frac{9}{73}$	$\frac{16}{73}$	$\frac{19}{73}$	$\Phi_{1825}\ \Phi_{365}$
130997	1728	1727	$\frac{71}{1727}$	$\frac{207}{1727}$	$\frac{380}{1727}$	$\frac{449}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130998	1728	1727	$\frac{80}{1727}$	$\frac{183}{1727}$	$\frac{386}{1727}$	$\frac{447}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
130999	1728	1843	$\frac{1}{19}$	$\frac{9}{97}$	$\frac{22}{97}$	$\frac{25}{97}$	Φ_{1843}
131000	1728	1853	$\frac{1}{17}$	$\frac{9}{109}$	$\frac{25}{109}$	$\frac{28}{109}$	Φ_{1853}
131001	1728	1727	$\frac{107}{1727}$	$\frac{135}{1727}$	$\frac{398}{1727}$	$\frac{443}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
131002	1728	1885	$\frac{9}{145}$	$\frac{1}{13}$	$\frac{34}{145}$	$\frac{37}{145}$	$\Phi_{1885}\ \Phi_{377}\ \Phi_{65}$
131003	1728	157	$\frac{9}{157}$	$\frac{13}{157}$	$\frac{37}{157}$	$\frac{40}{157}$	$\Phi_{157}^{11}\ \Phi_{1}^{12}$
131004	1728	1727	$\frac{87}{1727}$	$\frac{161}{1727}$	$\frac{410}{1727}$	$\frac{439}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
131005	1728	1930	$\frac{9}{193}$	$\frac{1}{10}$	$\frac{46}{193}$	$\frac{49}{193}$	$\Phi_{1930}\ \Phi_{965}\ \Phi_{386}$
131006	1728	1953	$\frac{9}{217}$	$\frac{1}{9}$	$\frac{52}{217}$	$\frac{55}{217}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{279}\ \Phi_{93}\ \Phi_{63}\ \Phi_{21}$
131007	1728	1727	$\frac{63}{1727}$	$\frac{215}{1727}$	$\frac{416}{1727}$	$\frac{437}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
131008	1728	2023	$\frac{9}{289}$	$\frac{1}{7}$	$\frac{70}{289}$	$\frac{73}{289}$	$\Phi_{2023}\ \Phi_{119}$
131009	1728	1727	$\frac{39}{1727}$	$\frac{323}{1727}$	$\frac{422}{1727}$	$\frac{435}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
131010	1728	2165	$\frac{9}{433}$	$\frac{1}{5}$	$\frac{106}{433}$	$\frac{109}{433}$	Φ_{2165}
131011	1728	1727	$\frac{27}{1727}$	$\frac{425}{1727}$	$\frac{431}{1727}$	$\frac{434}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
131012	1728	2308	$\frac{9}{577}$	$\frac{142}{577}$	$\frac{1}{4}$	$\frac{145}{577}$	$\Phi_{2308}\ \Phi_{1154}$
131013	1728	260	$\frac{1}{65}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{260}^7\ \Phi_{130}^7\ \Phi_{65}^6\ \Phi_{52}^7\ \Phi_{26}^7\ \Phi_{20}^7\ \Phi_{13}^6\ \Phi_{10}^7\ \Phi_5^6$
131014	1728	764	$\frac{3}{191}$	$\frac{47}{191}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{764}^2\ \Phi_{382}^2\ \Phi_{191}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
131015	1728	980	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{245}^3\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}^3$
131016	1728	764	$\frac{5}{191}$	$\frac{31}{191}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{764}^2\ \Phi_{382}^2\ \Phi_{191}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
131017	1728	924	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^3\ \Phi_{154}^2\ \Phi_{84}^2\ \Phi_{77}^3\ \Phi_{42}^2\ \Phi_{21}^3$
131018	1728	764	$\frac{7}{191}$	$\frac{23}{191}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{764}^2\ \Phi_{382}^2\ \Phi_{191}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
131019	1728	900	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^3\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{90}^2\ \Phi_{75}^3\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{15}^3$
131020	1728	764	$\frac{11}{191}$	$\frac{15}{191}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{764}^2\ \Phi_{382}^2\ \Phi_{191}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
131021	1728	884	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{884}^2\ \Phi_{442}^2\ \Phi_{221}^3$
131022	1728	2860	$\frac{3}{143}$	$\frac{1}{5}$	$\frac{35}{143}$	$\frac{1}{4}$	$\Phi_{2860}\ \Phi_{1430}\ \Phi_{260}\ \Phi_{220}\ \Phi_{130}\ \Phi_{110}\ \Phi_{20}^2\ \Phi_{10}^2$
131023	1728	2308	$\frac{13}{577}$	$\frac{109}{577}$	$\frac{141}{577}$	$\frac{1}{4}$	$\Phi_{2308}\ \Phi_{1154}$
131024	1728	2660	$\frac{3}{95}$	$\frac{1}{7}$	$\frac{23}{95}$	$\frac{1}{4}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{532}\ \Phi_{266}\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}^2\ \Phi_{14}^2$
131025	1728	2308	$\frac{21}{577}$	$\frac{73}{577}$	$\frac{139}{577}$	$\frac{1}{4}$	$\Phi_{2308}\ \Phi_{1154}$
131026	1728	2556	$\frac{3}{71}$	$\frac{1}{9}$	$\frac{17}{71}$	$\frac{1}{4}$	$\Phi_{2556}\ \Phi_{1278}\ \Phi_{852}\ \Phi_{426}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
131027	1728	420	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{5}{21}$	$\frac{1}{4}$	$\Phi_{420}^6\ \Phi_{210}^3\ \Phi_{140}^6\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^3\ \Phi_{60}^6\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{20}^8\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_7^3\ \Phi_5^4\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
131028	1728	2308	$\frac{29}{577}$	$\frac{55}{577}$	$\frac{137}{577}$	$\frac{1}{4}$	$\Phi_{2308}\ \Phi_{1154}$
131029	1728	2308	$\frac{33}{577}$	$\frac{49}{577}$	$\frac{136}{577}$	$\frac{1}{4}$	$\Phi_{2308}\ \Phi_{1154}$
131030	1728	2444	$\frac{3}{47}$	$\frac{1}{13}$	$\frac{11}{47}$	$\frac{1}{4}$	$\Phi_{2444}\ \Phi_{1222}\ \Phi_{52}^2\ \Phi_{26}^2$
131031	1728	2308	$\frac{37}{577}$	$\frac{45}{577}$	$\frac{133}{577}$	$\frac{1}{4}$	$\Phi_{2308}\ \Phi_{1154}$
131032	1728	2380	$\frac{1}{17}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{4}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{476}\ \Phi_{340}\ \Phi_{238}\ \Phi_{170}\ \Phi_{68}^2\ \Phi_{34}^2$
131033	1728	2356	$\frac{1}{19}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{4}$	$\Phi_{2356}\ \Phi_{1178}\ \Phi_{76}^2\ \Phi_{38}^2$
131034	1728	2308	$\frac{28}{577}$	$\frac{61}{577}$	$\frac{129}{577}$	$\frac{1}{4}$	$\Phi_{2308}\ \Phi_{1154}$
131035	1728	2308	$\frac{25}{577}$	$\frac{69}{577}$	$\frac{127}{577}$	$\frac{1}{4}$	$\Phi_{2308}\ \Phi_{1154}$
131036	1728	2300	$\frac{1}{25}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{2300}\ \Phi_{1150}\ \Phi_{460}\ \Phi_{230}\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{20}^2\ \Phi_{10}^2$
131037	1728	2308	$\frac{19}{577}$	$\frac{93}{577}$	$\frac{121}{577}$	$\frac{1}{4}$	$\Phi_{2308}\ \Phi_{1154}$
131038	1728	740	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{740}^3\ \Phi_{370}^3\ \Phi_{148}^4\ \Phi_{74}^4$
131039	1728	2860	$\frac{5}{143}$	$\frac{23}{143}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2860}\ \Phi_{1430}\ \Phi_{260}\ \Phi_{220}\ \Phi_{130}\ \Phi_{110}\ \Phi_{20}^2\ \Phi_{10}^2$
131040	1728	700	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{700}^4\ \Phi_{350}^4\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{28}^4\ \Phi_{14}^4$
131041	1728	2860	$\frac{7}{143}$	$\frac{17}{143}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2860}\ \Phi_{1430}\ \Phi_{260}\ \Phi_{220}\ \Phi_{130}\ \Phi_{110}\ \Phi_{20}^2\ \Phi_{10}^2$
131042	1728	3420	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{3420}\ \Phi_{1710}\ \Phi_{1140}\ \Phi_{570}$
131043	1728	2860	$\frac{8}{143}$	$\frac{15}{143}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2860}\ \Phi_{1430}\ \Phi_{260}\ \Phi_{220}\ \Phi_{130}\ \Phi_{110}\ \Phi_{20}^2\ \Phi_{10}^2$
131044	1728	340	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{340}^7\ \Phi_{170}^3\ \Phi_{85}^4\ \Phi_{68}^8\ \Phi_{34}^4\ \Phi_{17}^4$
131045	1728	1540	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1540}^2\ \Phi_{770}^2\ \Phi_{220}\ \Phi_{140}^2\ \Phi_{110}\ \Phi_{70}^2\ \Phi_{20}^2\ \Phi_{10}^2$
131046	1728	260	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{260}^{11}\ \Phi_{130}^{11}\ \Phi_{20}^{12}\ \Phi_{10}^{12}$
131047	1728	532	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{1}{4}$	$\Phi_{532}^5\ \Phi_{266}^5\ \Phi_{28}^6\ \Phi_{14}^6$
131048	1728	2308	$\frac{31}{577}$	$\frac{81}{577}$	$\frac{91}{577}$	$\frac{1}{4}$	$\Phi_{2308}\ \Phi_{1154}$
131049	1728	2556	$\frac{5}{71}$	$\frac{1}{9}$	$\frac{11}{71}$	$\frac{1}{4}$	$\Phi_{2556}\ \Phi_{1278}\ \Phi_{852}\ \Phi_{426}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
131050	1728	2308	$\frac{43}{577}$	$\frac{61}{577}$	$\frac{89}{577}$	$\frac{1}{4}$	$\Phi_{2308}\ \Phi_{1154}$
131051	1728	2444	$\frac{1}{13}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{4}$	$\Phi_{2444}\ \Phi_{1222}\ \Phi_{52}^2\ \Phi_{26}^2$
131052	1728	2308	$\frac{41}{577}$	$\frac{67}{577}$	$\frac{85}{577}$	$\frac{1}{4}$	$\Phi_{2308}\ \Phi_{1154}$
131053	1728	476	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{476}^5\ \Phi_{238}^5\ \Phi_{68}^6\ \Phi_{34}^6$
131054	1728	2660	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{532}\ \Phi_{266}\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}^2\ \Phi_{14}^2$
131055	1728	3276	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{3276}\ \Phi_{1638}\ \Phi_{1092}\ \Phi_{546}$
131056	1728	140	$\frac{3}{35}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{140}^{16}\ \Phi_{70}^7\ \Phi_{35}^9\ \Phi_{28}^{17}\ \Phi_{20}^{18}\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_7^9\ \Phi_5^{10}\ \Phi_4^{18}\ \Phi_2^8\ \Phi_1^{10}$
131057	1728	2556	$\frac{7}{71}$	$\frac{1}{9}$	$\frac{8}{71}$	$\frac{1}{4}$	$\Phi_{2556}\ \Phi_{1278}\ \Phi_{852}\ \Phi_{426}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
131058	1728	2308	$\frac{57}{577}$	$\frac{64}{577}$	$\frac{65}{577}$	$\frac{1}{4}$	$\Phi_{2308}\ \Phi_{1154}$
131059	1728	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{4}$	$\Phi_{180}^{14}\ \Phi_{90}^7\ \Phi_{60}^{14}\ \Phi_{45}^7\ \Phi_{36}^7\ \Phi_{30}^7\ \Phi_{20}^{16}\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}^8\ \Phi_9^7\ \Phi_5^8\ \Phi_4^8\ \Phi_3^7\ \Phi_1^8$
131060	1728	535	$\frac{3}{107}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{26}{107}$	$\Phi_{535}^3\ \Phi_{107}^4\ \Phi_5^6\ \Phi_1^8$
131061	1728	1727	$\frac{51}{1727}$	$\frac{327}{1727}$	$\frac{350}{1727}$	$\frac{419}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_1^2$
131062	1728	2165	$\frac{13}{433}$	$\frac{82}{433}$	$\frac{1}{5}$	$\frac{105}{433}$	Φ_{2165}
131063	1728	1633	$\frac{3}{71}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{17}{71}$	$\Phi_{1633}\ \Phi_{71}^2\ \Phi_{23}^2\ \Phi_1^4$
131064	1728	2485	$\frac{3}{71}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{17}{71}$	$\Phi_{2485}\ \Phi_{35}^2$
131065	1728	1727	$\frac{75}{1727}$	$\frac{219}{1727}$	$\frac{377}{1727}$	$\frac{413}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_1^2$
131066	1728	2023	$\frac{13}{289}$	$\frac{1}{7}$	$\frac{55}{289}$	$\frac{69}{289}$	$\Phi_{2023}\ \Phi_{119}$
131067	1728	1727	$\frac{83}{1727}$	$\frac{233}{1727}$	$\frac{329}{1727}$	$\frac{411}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_1^2$
131068	1728	2165	$\frac{21}{433}$	$\frac{55}{433}$	$\frac{1}{5}$	$\frac{103}{433}$	Φ_{2165}
131069	1728	595	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{13}{85}$	$\frac{4}{17}$	$\Phi_{595}^4\ \Phi_{119}\ \Phi_{35}^4$
131070	1728	1645	$\frac{3}{47}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{11}{47}$	$\Phi_{1645}\ \Phi_{329}\ \Phi_{235}\ \Phi_{47}^2\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
131071	1728	470	$\frac{3}{47}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{11}{47}$	$\Phi_{470}^4\ \Phi_{235}^3\ \Phi_{94}^4\ \Phi_{47}^4\ \Phi_{10}^8\ \Phi_5^6\ \Phi_2^8\ \Phi_1^8$
131072	1728	329	$\frac{3}{47}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{11}{47}$	$\Phi_{329}^5\ \Phi_{47}^6\ \Phi_7^{10}\ \Phi_1^{12}$
131073	1728	1727	$\frac{111}{1727}$	$\frac{147}{1727}$	$\frac{395}{1727}$	$\frac{404}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_1^2$
131074	1728	1930	$\frac{13}{193}$	$\frac{1}{10}$	$\frac{37}{193}$	$\frac{45}{193}$	$\Phi_{1930}\ \Phi_{965}\ \Phi_{386}$
131075	1728	1727	$\frac{123}{1727}$	$\frac{221}{1727}$	$\frac{251}{1727}$	$\frac{401}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_1^2$
131076	1728	2023	$\frac{21}{289}$	$\frac{37}{289}$	$\frac{1}{7}$	$\frac{67}{289}$	$\Phi_{2023}\ \Phi_{119}$
131077	1728	1727	$\frac{131}{1727}$	$\frac{155}{1727}$	$\frac{332}{1727}$	$\frac{399}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_1^2$
131078	1728	2165	$\frac{33}{433}$	$\frac{37}{433}$	$\frac{1}{5}$	$\frac{100}{433}$	Φ_{2165}
131079	1728	455	$\frac{1}{13}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{8}{35}$	$\Phi_{455}^4\ \Phi_{91}^4\ \Phi_{65}^5\ \Phi_{13}^4$
131080	1728	1645	$\frac{3}{35}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{8}{35}$	$\Phi_{1645}\ \Phi_{329}\ \Phi_{235}\ \Phi_{47}^2\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
131081	1728	315	$\frac{3}{35}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{35}$	$\Phi_{315}^6\ \Phi_{105}^6\ \Phi_{63}^7\ \Phi_{45}^6\ \Phi_{21}^7\ \Phi_{15}^6\ \Phi_9^6\ \Phi_3^6$
131082	1728	1885	$\frac{1}{13}$	$\frac{13}{145}$	$\frac{28}{145}$	$\frac{33}{145}$	$\Phi_{1885}\ \Phi_{377}\ \Phi_{65}$
131083	1728	1727	$\frac{163}{1727}$	$\frac{167}{1727}$	$\frac{260}{1727}$	$\frac{391}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_1^2$
131084	1728	1643	$\frac{5}{53}$	$\frac{3}{31}$	$\frac{8}{53}$	$\frac{7}{31}$	$\Phi_{1643}\ \Phi_{53}^2\ \Phi_{31}^2\ \Phi_1^4$
131085	1728	2170	$\frac{3}{31}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{7}{31}$	$\Phi_{2170}\ \Phi_{1085}\ \Phi_{434}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{14}^2$
131086	1728	279	$\frac{3}{31}$	$\frac{1}{9}$	$\frac{4}{31}$	$\frac{7}{31}$	$\Phi_{279}^7\ \Phi_{93}^7\ \Phi_9^6\ \Phi_3^6$
131087	1728	1727	$\frac{171}{1727}$	$\frac{188}{1727}$	$\frac{223}{1727}$	$\frac{389}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_1^2$
131088	1728	2023	$\frac{28}{289}$	$\frac{29}{289}$	$\frac{1}{7}$	$\frac{65}{289}$	$\Phi_{2023}\ \Phi_{119}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
131089	1728	1727	$\frac{116}{1727}$	$\frac{179}{1727}$	$\frac{335}{1727}$	$\frac{387}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
131090	1728	2165	$\frac{28}{433}$	$\frac{45}{433}$	$\frac{1}{5}$	$\frac{97}{433}$	Φ_{2165}
131091	1728	1727	$\frac{149}{1727}$	$\frac{183}{1727}$	$\frac{263}{1727}$	$\frac{386}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
131092	1728	1930	$\frac{1}{10}$	$\frac{21}{193}$	$\frac{25}{193}$	$\frac{43}{193}$	$\Phi_{1930}\ \Phi_{965}\ \Phi_{386}$
131093	1728	1727	$\frac{167}{1727}$	$\frac{195}{1727}$	$\frac{224}{1727}$	$\frac{383}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
131094	1728	2023	$\frac{25}{289}$	$\frac{33}{289}$	$\frac{1}{7}$	$\frac{64}{289}$	$\Phi_{2023}\ \Phi_{119}$
131095	1728	2185	$\frac{1}{19}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{5}{23}$	$\Phi_{2185}\ \Phi_{95}^{2}$
131096	1728	1633	$\frac{5}{71}$	$\frac{3}{23}$	$\frac{11}{71}$	$\frac{5}{23}$	$\Phi_{1633}\ \Phi_{71}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$
131097	1728	2093	$\frac{1}{13}$	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{5}{23}$	$\Phi_{2093}\ \Phi_{91}^{2}$
131098	1728	1633	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{3}{23}$	$\frac{5}{23}$	$\Phi_{1633}\ \Phi_{71}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$
131099	1728	2070	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{3}{23}$	$\frac{5}{23}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{414}\ \Phi_{345}\ \Phi_{138}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}$
131100	1728	1843	$\frac{1}{19}$	$\frac{13}{97}$	$\frac{19}{97}$	$\frac{21}{97}$	Φ_{1843}
131101	1728	1727	$\frac{113}{1727}$	$\frac{243}{1727}$	$\frac{269}{1727}$	$\frac{371}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
131102	1728	1885	$\frac{1}{13}$	$\frac{19}{145}$	$\frac{21}{145}$	$\frac{31}{145}$	$\Phi_{1885}\ \Phi_{377}\ \Phi_{65}$
131103	1728	1727	$\frac{151}{1727}$	$\frac{197}{1727}$	$\frac{255}{1727}$	$\frac{368}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
131104	1728	1727	$\frac{170}{1727}$	$\frac{173}{1727}$	$\frac{259}{1727}$	$\frac{367}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
131105	1728	1930	$\frac{19}{193}$	$\frac{1}{10}$	$\frac{29}{193}$	$\frac{41}{193}$	$\Phi_{1930}\ \Phi_{965}\ \Phi_{386}$
131106	1728	1953	$\frac{19}{217}$	$\frac{1}{9}$	$\frac{33}{217}$	$\frac{46}{217}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{279}\ \Phi_{93}\ \Phi_{63}\ \Phi_{21}$
131107	1728	1727	$\frac{125}{1727}$	$\frac{227}{1727}$	$\frac{267}{1727}$	$\frac{365}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
131108	1728	2023	$\frac{19}{289}$	$\frac{1}{7}$	$\frac{45}{289}$	$\frac{61}{289}$	$\Phi_{2023}\ \Phi_{119}$
131109	1728	157	$\frac{7}{157}$	$\frac{25}{157}$	$\frac{31}{157}$	$\frac{33}{157}$	$\Phi_{157}^{11}\ \Phi_{1}^{12}$
131110	1728	2165	$\frac{19}{433}$	$\frac{69}{433}$	$\frac{1}{5}$	$\frac{91}{433}$	Φ_{2165}
131111	1728	140	$\frac{1}{28}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{140}^{13}\ \Phi_{70}^{13}\ \Phi_{35}^{13}\ \Phi_{28}^{12}\ \Phi_{20}^{13}\ \Phi_{14}^{12}\ \Phi_{10}^{13}\ \Phi_{7}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}$
131112	1728	535	$\frac{5}{107}$	$\frac{17}{107}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{535}^{3}\ \Phi_{107}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
131113	1728	665	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{665}^{3}\ \Phi_{133}^{4}$
131114	1728	535	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{535}^{3}\ \Phi_{107}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
131115	1728	130	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{130}^{16}\ \Phi_{65}^{13}\ \Phi_{26}^{16}\ \Phi_{13}^{12}$
131116	1728	2275	$\frac{1}{13}$	$\frac{4}{35}$	$\frac{31}{175}$	$\frac{1}{5}$	$\Phi_{2275}\ \Phi_{325}\ \Phi_{65}$
131117	1728	2485	$\frac{5}{71}$	$\frac{1}{7}$	$\frac{11}{71}$	$\frac{1}{5}$	$\Phi_{2485}\ \Phi_{35}^{2}$
131118	1728	2165	$\frac{31}{433}$	$\frac{61}{433}$	$\frac{67}{433}$	$\frac{1}{5}$	Φ_{2165}
131119	1728	2385	$\frac{5}{53}$	$\frac{1}{9}$	$\frac{8}{53}$	$\frac{1}{5}$	$\Phi_{2385}\ \Phi_{795}\ \Phi_{45}^{2}\ \Phi_{15}^{2}$
131120	1728	2165	$\frac{43}{433}$	$\frac{46}{433}$	$\frac{65}{433}$	$\frac{1}{5}$	Φ_{2165}
131121	1728	470	$\frac{1}{10}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{5}$	$\Phi_{470}^{4}\ \Phi_{235}^{3}\ \Phi_{94}^{4}\ \Phi_{47}^{4}\ \Phi_{10}^{8}\ \Phi_{5}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
131122	1728	2165	$\frac{41}{433}$	$\frac{49}{433}$	$\frac{64}{433}$	$\frac{1}{5}$	Φ_{2165}
131123	1728	455	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{455}^{5}\ \Phi_{65}^{6}$
131124	1728	2485	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{2485}\ \Phi_{35}^{2}$
131125	1728	630	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{630}^{4}\ \Phi_{315}^{3}\ \Phi_{210}^{4}\ \Phi_{126}^{4}\ \Phi_{105}^{3}\ \Phi_{63}^{4}\ \Phi_{42}^{4}\ \Phi_{21}^{4}$
131126	1728	2205	$\frac{1}{9}$	$\frac{29}{245}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{441}\ \Phi_{147}\ \Phi_{63}\ \Phi_{21}$
131127	1728	329	$\frac{5}{47}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{7}{47}$	$\Phi_{329}^{5}\ \Phi_{47}^{6}\ \Phi_{7}^{10}\ \Phi_{1}^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
131128	1728	1727	$\frac{185}{1727}$	$\frac{245}{1727}$	$\frac{247}{1727}$	$\frac{257}{1727}$	$\Phi_{1727}\ \Phi_{157}\ \Phi_{11}\ \Phi_{1}^{2}$
131129	1728	2023	$\frac{31}{289}$	$\frac{41}{289}$	$\frac{1}{7}$	$\frac{43}{289}$	$\Phi_{2023}\ \Phi_{119}$
131130	1728	63	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\Phi_{63}^{31}\ \Phi_{21}^{31}\ \Phi_{9}^{30}\ \Phi_{3}^{30}$
131131	1729	492	$\frac{1}{246}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{245}{492}$	$\Phi_{492}\ \Phi_{246}^{6}\ \Phi_{164}\ \Phi_{123}^{6}\ \Phi_{82}^{6}\ \Phi_{41}^{6}\ \Phi_{12}^{2}\ \Phi_{6}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
131132	1729	1476	$\frac{1}{246}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{245}{492}$	$\Phi_{1476}^{3}\ \Phi_{492}\ \Phi_{164}\ \Phi_{36}^{3}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
131133	1729	3072	$\frac{1}{192}$	$\frac{193}{1536}$	$\frac{1343}{3072}$	$\frac{191}{384}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{384}\ \Phi_{128}\ \Phi_{1}$
131134	1729	2304	$\frac{1}{192}$	$\frac{575}{2304}$	$\frac{193}{768}$	$\frac{191}{384}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
131135	1729	264	$\frac{1}{132}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{131}{264}$	$\Phi_{264}\ \Phi_{132}^{12}\ \Phi_{88}\ \Phi_{66}^{12}\ \Phi_{44}^{12}\ \Phi_{33}^{12}\ \Phi_{24}^{2}\ \Phi_{22}^{12}\ \Phi_{12}^{12}\ \Phi_{11}^{12}\ \Phi_{8}^{2}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
131136	1729	1320	$\frac{1}{132}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{131}{264}$	$\Phi_{1320}^{3}\ \Phi_{440}^{3}\ \Phi_{264}\ \Phi_{120}^{3}\ \Phi_{88}\ \Phi_{40}^{3}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
131137	1729	792	$\frac{1}{132}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{131}{264}$	$\Phi_{792}^{6}\ \Phi_{264}\ \Phi_{88}\ \Phi_{72}^{6}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
131138	1729	528	$\frac{1}{132}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{131}{264}$	$\Phi_{528}^{4}\ \Phi_{264}\ \Phi_{176}^{4}\ \Phi_{132}^{4}\ \Phi_{88}\ \Phi_{66}^{4}\ \Phi_{48}^{4}\ \Phi_{44}^{4}\ \Phi_{33}^{4}\ \Phi_{24}\ \Phi_{22}^{4}\ \Phi_{16}^{5}\ \Phi_{12}^{4}\ \Phi_{11}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
131139	1729	180	$\frac{1}{90}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{89}{180}$	$\Phi_{180}\ \Phi_{90}^{18}\ \Phi_{60}\ \Phi_{45}^{18}\ \Phi_{36}^{2}\ \Phi_{30}^{18}\ \Phi_{20}\ \Phi_{18}^{18}\ \Phi_{15}^{18}\ \Phi_{12}^{2}\ \Phi_{10}^{18}\ \Phi_{9}^{18}\ \Phi_{6}^{18}\ \Phi_{5}^{18}\ \Phi_{4}^{2}\ \Phi_{3}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
131140	1729	1260	$\frac{1}{90}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{89}{180}$	$\Phi_{1260}^{3}\ \Phi_{420}^{3}\ \Phi_{252}^{3}\ \Phi_{180}\ \Phi_{140}^{3}\ \Phi_{84}^{3}\ \Phi_{60}\ \Phi_{36}\ \Phi_{28}^{3}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
131141	1729	540	$\frac{1}{90}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{89}{180}$	$\Phi_{540}^{9}\ \Phi_{180}\ \Phi_{108}^{9}\ \Phi_{60}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
131142	1729	360	$\frac{1}{90}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{89}{180}$	$\Phi_{360}^{6}\ \Phi_{180}\ \Phi_{120}^{6}\ \Phi_{90}^{6}\ \Phi_{72}^{6}\ \Phi_{60}\ \Phi_{45}^{6}\ \Phi_{40}^{6}\ \Phi_{36}\ \Phi_{30}^{6}\ \Phi_{24}^{7}\ \Phi_{20}\ \Phi_{18}^{6}\ \Phi_{15}^{6}\ \Phi_{12}^{2}\ \Phi_{10}^{6}\ \Phi_{9}^{6}\ \Phi_{8}^{7}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
131143	1729	488	$\frac{3}{244}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{241}{488}$	$\Phi_{488}^{3}\ \Phi_{244}^{4}\ \Phi_{122}^{4}\ \Phi_{61}^{4}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
131144	1729	256	$\frac{1}{64}$	$\frac{5}{128}$	$\frac{123}{256}$	$\frac{63}{128}$	$\Phi_{256}^{13}\ \Phi_{128}\ \Phi_{1}$
131145	1729	1984	$\frac{7}{248}$	$\frac{1}{8}$	$\frac{255}{1984}$	$\frac{241}{496}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{248}\ \Phi_{124}\ \Phi_{64}\ \Phi_{62}\ \Phi_{32}\ \Phi_{31}\ \Phi_{1}$
131146	1729	480	$\frac{7}{240}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{233}{480}$	$\Phi_{480}^{7}\ \Phi_{160}^{7}\ \Phi_{96}^{7}\ \Phi_{60}\ \Phi_{32}^{7}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
131147	1729	480	$\frac{7}{240}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{233}{480}$	$\Phi_{480}^{7}\ \Phi_{160}^{7}\ \Phi_{96}^{7}\ \Phi_{32}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
131148	1729	2088	$\frac{11}{348}$	$\frac{1}{12}$	$\frac{359}{2088}$	$\frac{337}{696}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{522}\ \Phi_{348}\ \Phi_{261}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{72}\ \Phi_{58}\ \Phi_{36}\ \Phi_{29}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
131149	1729	880	$\frac{3}{88}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{85}{176}$	$\Phi_{880}^{4}\ \Phi_{176}^{3}\ \Phi_{80}^{4}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
131150	1729	256	$\frac{5}{128}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{123}{256}$	$\Phi_{256}^{13}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
131151	1729	1836	$\frac{5}{102}$	$\frac{107}{1836}$	$\frac{1}{6}$	$\frac{97}{204}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{153}\ \Phi_{108}\ \Phi_{102}\ \Phi_{54}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{27}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
131152	1729	1116	$\frac{2}{93}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{1116}^{3}\ \Phi_{372}^{3}\ \Phi_{124}^{3}\ \Phi_{93}\ \Phi_{36}\ \Phi_{31}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
131153	1729	540	$\frac{1}{45}$	$\frac{1}{18}$	$\frac{44}{135}$	$\frac{17}{36}$	$\Phi_{540}^{9}\ \Phi_{135}\ \Phi_{108}^{9}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
131154	1729	360	$\frac{1}{30}$	$\frac{1}{18}$	$\frac{29}{120}$	$\frac{17}{36}$	$\Phi_{360}^{6}\ \Phi_{120}^{7}\ \Phi_{90}^{6}\ \Phi_{72}^{6}\ \Phi_{60}\ \Phi_{45}^{6}\ \Phi_{40}^{7}\ \Phi_{36}\ \Phi_{30}^{6}\ \Phi_{24}^{7}\ \Phi_{20}\ \Phi_{18}^{6}\ \Phi_{15}^{6}\ \Phi_{12}^{2}\ \Phi_{10}^{6}\ \Phi_{9}^{6}\ \Phi_{8}^{7}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
131155	1729	3420	$\frac{4}{95}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{228}\ \Phi_{95}\ \Phi_{76}\ \Phi_{36}\ \Phi_{19}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
131156	1729	288	$\frac{5}{96}$	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{288}^{6}\ \Phi_{144}^{6}\ \Phi_{96}^{7}\ \Phi_{72}^{6}\ \Phi_{48}^{7}\ \Phi_{36}\ \Phi_{32}^{7}\ \Phi_{24}^{7}\ \Phi_{18}^{6}\ \Phi_{16}^{7}\ \Phi_{12}^{2}\ \Phi_{9}^{6}\ \Phi_{8}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
131157	1729	108	$\frac{1}{18}$	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{17}{36}$	$\Phi_{108}^{19}\ \Phi_{54}^{19}\ \Phi_{36}^{2}\ \Phi_{27}^{19}\ \Phi_{18}^{18}\ \Phi_{12}^{2}\ \Phi_{9}^{18}\ \Phi_{6}^{18}\ \Phi_{4}^{2}\ \Phi_{3}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
131158	1729	180	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{17}{36}$	$\Phi_{180}^{18}\ \Phi_{60}^{18}\ \Phi_{36}^{19}\ \Phi_{20}^{18}\ \Phi_{15}^{6}\ \Phi_{12}^{19}\ \Phi_{5}^{6}\ \Phi_{4}^{19}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
131159	1729	504	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{17}{36}$	$\Phi_{504}^{4}\ \Phi_{252}^{2}\ \Phi_{168}^{4}\ \Phi_{126}^{4}\ \Phi_{84}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{4}\ \Phi_{56}^{6}\ \Phi_{42}^{4}\ \Phi_{36}\ \Phi_{28}^{4}\ \Phi_{24}^{2}\ \Phi_{21}^{4}\ \Phi_{18}^{2}\ \Phi_{14}^{5}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{5}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
131160	1729	396	$\frac{1}{18}$	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{17}{36}$	$\Phi_{396}^{9}\ \Phi_{132}^{9}\ \Phi_{99}\ \Phi_{44}^{9}\ \Phi_{36}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
131161	1729	900	$\frac{1}{18}$	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{17}{36}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}^{2}\ \Phi_{225}^{2}\ \Phi_{150}^{2}\ \Phi_{100}^{3}\ \Phi_{90}^{2}\ \Phi_{75}^{2}\ \Phi_{50}^{3}\ \Phi_{45}^{2}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{25}^{3}\ \Phi_{20}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
131162	1729	3264	$\frac{5}{102}$	$\frac{97}{1632}$	$\frac{1}{6}$	$\frac{1535}{3264}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{192}\ \Phi_{102}\ \Phi_{64}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_1$
131163	1729	3240	$\frac{1}{54}$	$\frac{109}{1620}$	$\frac{53}{162}$	$\frac{1511}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{162}\ \Phi_{120}\ \Phi_{81}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_8\ \Phi_1$
131164	1729	3240	$\frac{1}{27}$	$\frac{109}{1620}$	$\frac{26}{135}$	$\frac{1511}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
131165	1729	162	$\frac{1}{27}$	$\frac{2}{27}$	$\frac{29}{162}$	$\frac{25}{54}$	$\Phi_{162}^{13}\ \Phi_{81}^{13}\ \Phi_{27}^{12}\ \Phi_9^{12}\ \Phi_3^{12}\ \Phi_1^{13}$
131166	1729	3200	$\frac{1}{32}$	$\frac{129}{1600}$	$\frac{31}{160}$	$\frac{1471}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
131167	1729	1080	$\frac{2}{135}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{1080}^3\ \Phi_{360}^3\ \Phi_{216}^3\ \Phi_{135}\ \Phi_{120}^3\ \Phi_{72}^3\ \Phi_{45}\ \Phi_{40}^3\ \Phi_{27}\ \Phi_{24}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
131168	1729	792	$\frac{1}{66}$	$\frac{1}{12}$	$\frac{65}{198}$	$\frac{11}{24}$	$\Phi_{792}^6\ \Phi_{198}\ \Phi_{99}\ \Phi_{72}^6\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
131169	1729	408	$\frac{3}{136}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{408}^4\ \Phi_{204}^4\ \Phi_{136}^5\ \Phi_{102}^4\ \Phi_{68}^5\ \Phi_{51}^4\ \Phi_{34}^5\ \Phi_{24}\ \Phi_{17}^5\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
131170	1729	528	$\frac{1}{44}$	$\frac{1}{12}$	$\frac{43}{176}$	$\frac{11}{24}$	$\Phi_{528}^4\ \Phi_{176}^5\ \Phi_{132}^4\ \Phi_{88}\ \Phi_{66}^4\ \Phi_{48}^4\ \Phi_{44}^4\ \Phi_{33}^4\ \Phi_{24}\ \Phi_{22}^4\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_{11}^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
131171	1729	1320	$\frac{1}{33}$	$\frac{1}{12}$	$\frac{32}{165}$	$\frac{11}{24}$	$\Phi_{1320}^3\ \Phi_{440}^3\ \Phi_{165}\ \Phi_{120}^3\ \Phi_{55}\ \Phi_{40}^3\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
131172	1729	552	$\frac{5}{138}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{552}^6\ \Phi_{184}^6\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_8\ \Phi_1$
131173	1729	264	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{3}{22}$	$\frac{11}{24}$	$\Phi_{264}^{12}\ \Phi_{88}^{12}\ \Phi_{24}^{13}\ \Phi_{22}^6\ \Phi_{11}^6\ \Phi_8^{13}\ \Phi_2^6\ \Phi_1^7$
131174	1729	120	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{120}^{12}\ \Phi_{60}^{16}\ \Phi_{40}^{16}\ \Phi_{30}^{16}\ \Phi_{24}^9\ \Phi_{20}^{19}\ \Phi_{15}^{16}\ \Phi_{12}^{12}\ \Phi_{10}^{19}\ \Phi_8^{12}\ \Phi_6^{12}\ \Phi_5^{19}\ \Phi_4^{14}\ \Phi_3^{12}\ \Phi_2^{14}\ \Phi_1^{15}$
131175	1729	3432	$\frac{10}{143}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{24}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{143}\ \Phi_{104}\ \Phi_{24}\ \Phi_{13}\ \Phi_8\ \Phi_1$
131176	1729	144	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{24}$	$\Phi_{144}^{13}\ \Phi_{72}^{13}\ \Phi_{48}^{13}\ \Phi_{36}^{13}\ \Phi_{24}^2\ \Phi_{18}^{13}\ \Phi_{16}^{13}\ \Phi_{12}^{12}\ \Phi_9^{13}\ \Phi_8^2\ \Phi_6^{12}\ \Phi_4^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
131177	1729	2112	$\frac{1}{32}$	$\frac{31}{352}$	$\frac{383}{2112}$	$\frac{321}{704}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{192}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
131178	1729	2376	$\frac{1}{54}$	$\frac{53}{594}$	$\frac{647}{2376}$	$\frac{541}{1188}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{594}\ \Phi_{297}\ \Phi_{264}\ \Phi_{216}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
131179	1729	256	$\frac{9}{256}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{256}^7\ \Phi_{128}^7\ \Phi_{64}^7\ \Phi_{32}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
131180	1729	3072	$\frac{1}{64}$	$\frac{193}{1536}$	$\frac{63}{256}$	$\frac{1343}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{256}\ \Phi_{128}\ \Phi_1$
131181	1729	1736	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{30}{217}$	$\frac{187}{434}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{248}^2\ \Phi_{217}\ \Phi_{124}^2\ \Phi_{62}\ \Phi_{56}\ \Phi_{31}\ \Phi_{28}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
131182	1729	288	$\frac{1}{36}$	$\frac{5}{36}$	$\frac{41}{288}$	$\frac{31}{72}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}^7\ \Phi_{48}^7\ \Phi_{36}^6\ \Phi_{32}^7\ \Phi_{18}^6\ \Phi_{16}^7\ \Phi_{12}^6\ \Phi_9^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
131183	1729	432	$\frac{1}{36}$	$\frac{5}{36}$	$\frac{31}{216}$	$\frac{185}{432}$	$\Phi_{432}^7\ \Phi_{144}^7\ \Phi_{48}^7\ \Phi_{36}^6\ \Phi_{18}^6\ \Phi_{16}^7\ \Phi_{12}^6\ \Phi_9^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
131184	1729	2976	$\frac{7}{248}$	$\frac{1}{8}$	$\frac{241}{1488}$	$\frac{1247}{2976}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{248}\ \Phi_{124}\ \Phi_{96}\ \Phi_{62}\ \Phi_{32}\ \Phi_{31}\ \Phi_1$
131185	1729	996	$\frac{2}{249}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{996}^3\ \Phi_{332}^3\ \Phi_{249}\ \Phi_{83}\ \Phi_{12}\ \Phi_4\ \Phi_1$
131186	1729	1476	$\frac{1}{123}$	$\frac{1}{6}$	$\frac{122}{369}$	$\frac{5}{12}$	$\Phi_{1476}^3\ \Phi_{369}\ \Phi_{36}^3\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
131187	1729	984	$\frac{1}{82}$	$\frac{1}{6}$	$\frac{81}{328}$	$\frac{5}{12}$	$\Phi_{984}^2\ \Phi_{328}^3\ \Phi_{246}^2\ \Phi_{164}\ \Phi_{123}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
131188	1729	252	$\frac{5}{252}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{252}^7\ \Phi_{126}^7\ \Phi_{84}^7\ \Phi_{63}^7\ \Phi_{42}^7\ \Phi_{36}^7\ \Phi_{28}^7\ \Phi_{21}^7\ \Phi_{18}^7\ \Phi_{14}^7\ \Phi_{12}^2\ \Phi_9^7\ \Phi_7^7\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
131189	1729	3444	$\frac{1}{41}$	$\frac{40}{287}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3444}\ \Phi_{1148}\ \Phi_{287}\ \Phi_{84}\ \Phi_{28}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
131190	1729	492	$\frac{2}{41}$	$\frac{3}{41}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{492}^6\ \Phi_{164}^6\ \Phi_{41}^6\ \Phi_{12}^7\ \Phi_4^7\ \Phi_1^7$
131191	1729	420	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^6\ \Phi_{105}^4\ \Phi_{84}^2\ \Phi_{70}^6\ \Phi_{60}^2\ \Phi_{42}^4\ \Phi_{35}^6\ \Phi_{30}^2\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{14}^5\ \Phi_{12}\ \Phi_{10}^3\ \Phi_7^5\ \Phi_6^2\ \Phi_5^3\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
131192	1729	1800	$\frac{71}{1800}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
131193	1729	736	$\frac{1}{92}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{736}^4\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{32}^3\ \Phi_{23}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
131194	1729	96	$\frac{5}{96}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{96}^{19}\ \Phi_{48}^{19}\ \Phi_{32}^{14}\ \Phi_{24}^{19}\ \Phi_{16}^{18}\ \Phi_{12}^{19}\ \Phi_{8}^{18}\ \Phi_{6}^{19}\ \Phi_{4}^{18}\ \Phi_{3}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
131195	1729	270	$\frac{1}{27}$	$\frac{23}{270}$	$\frac{26}{135}$	$\frac{109}{270}$	$\Phi_{270}^{6}\ \Phi_{135}^{7}\ \Phi_{90}^{6}\ \Phi_{54}^{6}\ \Phi_{45}^{7}\ \Phi_{30}^{6}\ \Phi_{27}^{6}\ \Phi_{18}^{6}\ \Phi_{15}^{7}\ \Phi_{10}^{6}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
131196	1729	1920	$\frac{1}{32}$	$\frac{191}{1920}$	$\frac{31}{160}$	$\frac{129}{320}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
131197	1729	2160	$\frac{1}{72}$	$\frac{71}{360}$	$\frac{431}{2160}$	$\frac{289}{720}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
131198	1729	2880	$\frac{1}{72}$	$\frac{71}{360}$	$\frac{289}{1440}$	$\frac{1151}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{360}\ \Phi_{320}\ \Phi_{192}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{64}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
131199	1729	2816	$\frac{1}{32}$	$\frac{31}{352}$	$\frac{321}{1408}$	$\frac{1087}{2816}$	$\Phi_{2816}\ \Phi_{352}\ \Phi_{256}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
131200	1729	216	$\frac{1}{27}$	$\frac{2}{27}$	$\frac{25}{108}$	$\frac{83}{216}$	$\Phi_{216}^{13}\ \Phi_{72}^{13}\ \Phi_{27}^{12}\ \Phi_{24}^{13}\ \Phi_{9}^{12}\ \Phi_{8}^{13}\ \Phi_{3}^{12}\ \Phi_{1}^{13}$
131201	1729	2784	$\frac{11}{348}$	$\frac{1}{12}$	$\frac{337}{1392}$	$\frac{1055}{2784}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{96}\ \Phi_{87}\ \Phi_{58}\ \Phi_{32}\ \Phi_{29}\ \Phi_{1}$
131202	1729	2048	$\frac{1}{64}$	$\frac{319}{2048}$	$\frac{63}{256}$	$\frac{193}{512}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{256}\ \Phi_{128}\ \Phi_{1}$
131203	1729	552	$\frac{1}{92}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{552}^{4}\ \Phi_{276}^{4}\ \Phi_{138}^{4}\ \Phi_{92}^{3}\ \Phi_{69}^{4}\ \Phi_{46}^{3}\ \Phi_{24}^{3}\ \Phi_{23}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
131204	1729	480	$\frac{1}{20}$	$\frac{5}{96}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{4}\ \Phi_{120}^{4}\ \Phi_{96}^{3}\ \Phi_{80}^{4}\ \Phi_{60}^{4}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{30}^{4}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{3}\ \Phi_{1}^{3}$
131205	1729	1380	$\frac{1}{92}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}^{2}\ \Phi_{345}\ \Phi_{276}\ \Phi_{230}^{2}\ \Phi_{138}\ \Phi_{115}^{2}\ \Phi_{92}\ \Phi_{69}\ \Phi_{60}\ \Phi_{46}\ \Phi_{23}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
131206	1729	384	$\frac{1}{64}$	$\frac{9}{64}$	$\frac{55}{192}$	$\frac{137}{384}$	$\Phi_{384}^{7}\ \Phi_{128}^{7}\ \Phi_{64}^{6}\ \Phi_{32}^{6}\ \Phi_{16}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
131207	1729	1380	$\frac{1}{23}$	$\frac{1}{20}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}^{2}\ \Phi_{345}\ \Phi_{276}\ \Phi_{230}^{2}\ \Phi_{115}^{2}\ \Phi_{92}^{2}\ \Phi_{69}\ \Phi_{60}\ \Phi_{46}\ \Phi_{30}\ \Phi_{23}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
131208	1729	1944	$\frac{1}{54}$	$\frac{215}{1944}$	$\frac{53}{162}$	$\frac{109}{324}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
131209	1729	744	$\frac{1}{62}$	$\frac{1}{8}$	$\frac{61}{186}$	$\frac{125}{372}$	$\Phi_{744}^{2}\ \Phi_{372}\ \Phi_{248}^{4}\ \Phi_{186}^{2}\ \Phi_{124}^{3}\ \Phi_{93}^{2}\ \Phi_{62}^{3}\ \Phi_{31}^{3}\ \Phi_{24}^{2}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
131210	1729	2592	$\frac{1}{216}$	$\frac{215}{648}$	$\frac{863}{2592}$	$\frac{433}{1296}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{648}\ \Phi_{324}\ \Phi_{288}\ \Phi_{162}\ \Phi_{96}\ \Phi_{81}\ \Phi_{32}\ \Phi_{1}$
131211	1729	747	$\frac{2}{249}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{747}^{3}\ \Phi_{249}\ \Phi_{83}\ \Phi_{9}\ \Phi_{1}$
131212	1729	135	$\frac{2}{135}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{135}^{13}\ \Phi_{45}^{13}\ \Phi_{27}^{13}\ \Phi_{15}^{11}\ \Phi_{9}^{13}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{13}$
131213	1729	651	$\frac{2}{93}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{651}^{3}\ \Phi_{217}^{3}\ \Phi_{93}\ \Phi_{31}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
131214	1729	369	$\frac{1}{123}$	$\frac{2}{9}$	$\frac{122}{369}$	$\frac{1}{3}$	$\Phi_{369}^{4}\ \Phi_{123}^{6}\ \Phi_{41}^{6}\ \Phi_{9}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
131215	1729	990	$\frac{1}{66}$	$\frac{2}{15}$	$\frac{65}{198}$	$\frac{1}{3}$	$\Phi_{990}^{3}\ \Phi_{495}^{3}\ \Phi_{198}\ \Phi_{99}\ \Phi_{90}^{3}\ \Phi_{45}^{3}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
131216	1729	945	$\frac{1}{45}$	$\frac{2}{21}$	$\frac{44}{135}$	$\frac{1}{3}$	$\Phi_{945}^{3}\ \Phi_{189}^{3}\ \Phi_{135}\ \Phi_{27}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
131217	1729	837	$\frac{2}{93}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{837}^{3}\ \Phi_{93}\ \Phi_{31}\ \Phi_{27}\ \Phi_{1}$
131218	1729	270	$\frac{2}{135}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{270}^{6}\ \Phi_{135}^{7}\ \Phi_{90}^{6}\ \Phi_{54}^{6}\ \Phi_{45}^{7}\ \Phi_{30}^{6}\ \Phi_{27}^{7}\ \Phi_{18}^{4}\ \Phi_{15}^{7}\ \Phi_{10}^{6}\ \Phi_{9}^{5}\ \Phi_{6}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
131219	1729	2160	$\frac{2}{135}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{27}\ \Phi_{16}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
131220	1729	2040	$\frac{3}{136}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{68}\ \Phi_{40}\ \Phi_{34}\ \Phi_{17}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
131221	1729	2952	$\frac{1}{82}$	$\frac{2}{9}$	$\frac{81}{328}$	$\frac{1}{3}$	$\Phi_{2952}\ \Phi_{1476}\ \Phi_{328}\ \Phi_{164}\ \Phi_{72}\ \Phi_{36}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
131222	1729	2640	$\frac{1}{44}$	$\frac{2}{15}$	$\frac{43}{176}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{880}\ \Phi_{440}\ \Phi_{240}\ \Phi_{176}\ \Phi_{120}\ \Phi_{88}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
131223	1729	840	$\frac{1}{30}$	$\frac{2}{21}$	$\frac{29}{120}$	$\frac{1}{3}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{280}^{3}\ \Phi_{168}^{3}\ \Phi_{140}^{3}\ \Phi_{120}\ \Phi_{84}^{3}\ \Phi_{60}\ \Phi_{56}^{3}\ \Phi_{40}\ \Phi_{28}^{3}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
131224	1729	252	$\frac{5}{252}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{252}^{7}\ \Phi_{126}^{7}\ \Phi_{84}^{7}\ \Phi_{63}^{7}\ \Phi_{42}^{7}\ \Phi_{36}^{7}\ \Phi_{28}^{7}\ \Phi_{21}^{7}\ \Phi_{18}^{4}\ \Phi_{14}^{7}\ \Phi_{12}^{7}\ \Phi_{9}^{5}\ \Phi_{7}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{7}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
131225	1729	2583	$\frac{1}{41}$	$\frac{40}{287}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2583}\ \Phi_{287}\ \Phi_{63}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
131226	1729	369	$\frac{2}{41}$	$\frac{3}{41}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{369}^{6}\ \Phi_{41}^{6}\ \Phi_{9}^{7}\ \Phi_{1}^{7}$
131227	1729	1260	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{252}^{2}\ \Phi_{180}\ \Phi_{140}^{2}\ \Phi_{126}\ \Phi_{90}\ \Phi_{70}^{2}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
131228	1729	744	$\frac{2}{93}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{744}^{3}\ \Phi_{372}^{3}\ \Phi_{248}^{3}\ \Phi_{124}^{3}\ \Phi_{93}\ \Phi_{31}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
131229	1729	1995	$\frac{4}{95}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{133}\ \Phi_{95}\ \Phi_{21}\ \Phi_{19}\ \Phi_{7}\ \Phi_{1}$
131230	1729	165	$\frac{1}{33}$	$\frac{2}{15}$	$\frac{32}{165}$	$\frac{1}{3}$	$\Phi_{165}^{10}\ \Phi_{55}^{10}\ \Phi_{33}^{12}\ \Phi_{15}^{11}\ \Phi_{11}^{12}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{13}$
131231	1729	690	$\frac{5}{138}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{690}^{3}\ \Phi_{345}^{3}\ \Phi_{230}^{3}\ \Phi_{138}\ \Phi_{115}^{3}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
131232	1729	672	$\frac{5}{96}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{3}\ \Phi_{96}\ \Phi_{84}^{3}\ \Phi_{56}^{3}\ \Phi_{48}\ \Phi_{32}\ \Phi_{28}^{3}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
131233	1729	756	$\frac{1}{18}$	$\frac{2}{21}$	$\frac{17}{108}$	$\frac{1}{3}$	$\Phi_{756}^{3}\ \Phi_{378}^{3}\ \Phi_{252}^{3}\ \Phi_{189}^{3}\ \Phi_{108}\ \Phi_{84}^{3}\ \Phi_{54}\ \Phi_{36}\ \Phi_{28}^{3}\ \Phi_{27}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
131234	1729	330	$\frac{1}{22}$	$\frac{2}{15}$	$\frac{3}{22}$	$\frac{1}{3}$	$\Phi_{330}^{6}\ \Phi_{165}^{6}\ \Phi_{110}^{6}\ \Phi_{55}^{6}\ \Phi_{30}^{6}\ \Phi_{22}^{6}\ \Phi_{15}^{7}\ \Phi_{11}^{6}\ \Phi_{10}^{6}\ \Phi_{5}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
131235	1729	120	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{120}^{15}\ \Phi_{60}^{11}\ \Phi_{40}^{19}\ \Phi_{30}^{11}\ \Phi_{24}^{16}\ \Phi_{20}^{14}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_{10}^{14}\ \Phi_{8}^{19}\ \Phi_{6}^{12}\ \Phi_{5}^{15}\ \Phi_{4}^{14}\ \Phi_{3}^{12}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
131236	1729	105	$\frac{1}{15}$	$\frac{2}{21}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{105}^{18}\ \Phi_{35}^{18}\ \Phi_{21}^{19}\ \Phi_{15}^{6}\ \Phi_{7}^{19}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
131237	1729	2145	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{195}\ \Phi_{143}\ \Phi_{65}\ \Phi_{15}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}$
131238	1729	720	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{3}\ \Phi_{180}^{3}\ \Phi_{144}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{80}^{3}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}^{3}\ \Phi_{40}^{3}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
131239	1729	168	$\frac{1}{14}$	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{168}^{11}\ \Phi_{84}^{11}\ \Phi_{56}^{13}\ \Phi_{42}^{5}\ \Phi_{28}^{13}\ \Phi_{24}^{12}\ \Phi_{21}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{12}\ \Phi_{8}^{13}\ \Phi_{7}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{13}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
131240	1729	693	$\frac{8}{99}$	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{693}^{3}\ \Phi_{231}^{3}\ \Phi_{99}\ \Phi_{77}^{3}\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
131241	1729	2100	$\frac{9}{100}$	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{50}\ \Phi_{28}\ \Phi_{25}\ \Phi_{21}\ \Phi_{20}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
131242	1729	198	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{65}{198}$	$\Phi_{198}^{7}\ \Phi_{99}^{7}\ \Phi_{66}^{12}\ \Phi_{33}^{12}\ \Phi_{22}^{12}\ \Phi_{18}^{8}\ \Phi_{11}^{12}\ \Phi_{9}^{8}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
131243	1729	1584	$\frac{1}{66}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{65}{198}$	$\Phi_{1584}^{2}\ \Phi_{792}^{2}\ \Phi_{198}\ \Phi_{144}^{2}\ \Phi_{99}\ \Phi_{72}^{2}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
131244	1729	2430	$\frac{1}{54}$	$\frac{109}{810}$	$\frac{701}{2430}$	$\frac{53}{162}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{486}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{1}$
131245	1729	135	$\frac{1}{45}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{44}{135}$	$\Phi_{135}^{10}\ \Phi_{45}^{18}\ \Phi_{27}^{11}\ \Phi_{15}^{18}\ \Phi_{9}^{18}\ \Phi_{5}^{18}\ \Phi_{3}^{18}\ \Phi_{1}^{19}$
131246	1729	1080	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{44}{135}$	$\Phi_{1080}^{3}\ \Phi_{540}^{3}\ \Phi_{216}^{3}\ \Phi_{135}\ \Phi_{108}^{3}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
131247	1729	2232	$\frac{7}{248}$	$\frac{1}{8}$	$\frac{503}{2232}$	$\frac{241}{744}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{558}\ \Phi_{279}\ \Phi_{248}\ \Phi_{124}\ \Phi_{72}\ \Phi_{62}\ \Phi_{36}\ \Phi_{31}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
131248	1729	360	$\frac{7}{120}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{113}{360}$	$\Phi_{360}^{7}\ \Phi_{180}^{7}\ \Phi_{90}^{7}\ \Phi_{72}^{7}\ \Phi_{60}\ \Phi_{45}^{7}\ \Phi_{36}^{7}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^{7}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}^{7}\ \Phi_{5}\ \Phi_{1}$
131249	1729	360	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{113}{360}$	$\Phi_{360}^{7}\ \Phi_{180}^{7}\ \Phi_{90}^{7}\ \Phi_{72}^{7}\ \Phi_{45}^{7}\ \Phi_{36}^{7}\ \Phi_{18}^{7}\ \Phi_{9}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
131250	1729	144	$\frac{1}{16}$	$\frac{11}{144}$	$\frac{3}{16}$	$\frac{5}{16}$	$\Phi_{144}^{13}\ \Phi_{72}^{13}\ \Phi_{48}^{13}\ \Phi_{36}^{13}\ \Phi_{24}^{13}\ \Phi_{18}^{13}\ \Phi_{16}^{4}\ \Phi_{12}^{13}\ \Phi_{9}^{13}\ \Phi_{8}^{4}\ \Phi_{6}^{13}\ \Phi_{4}^{4}\ \Phi_{3}^{13}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
131251	1729	660	$\frac{1}{20}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{660}^{4}\ \Phi_{330}^{4}\ \Phi_{165}^{4}\ \Phi_{132}^{3}\ \Phi_{66}^{3}\ \Phi_{60}^{4}\ \Phi_{33}^{3}\ \Phi_{30}^{4}\ \Phi_{20}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
131252	1729	192	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{3}{16}$	$\frac{59}{192}$	$\Phi_{192}^{13}\ \Phi_{96}^{13}\ \Phi_{48}^{13}\ \Phi_{24}^{13}\ \Phi_{16}^{4}\ \Phi_{12}^{13}\ \Phi_{8}^{4}\ \Phi_{6}^{13}\ \Phi_{4}^{4}\ \Phi_{3}^{13}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
131253	1729	256	$\frac{9}{256}$	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{256}^{7}\ \Phi_{128}^{7}\ \Phi_{64}^{6}\ \Phi_{32}^{6}\ \Phi_{16}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
131254	1729	1080	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{29}{120}$	$\frac{8}{27}$	$\Phi_{1080}^{3}\ \Phi_{540}^{3}\ \Phi_{216}^{3}\ \Phi_{120}\ \Phi_{108}^{3}\ \Phi_{60}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
131255	1729	27	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{8}{27}$	$\Phi_{27}^{63}\ \Phi_{9}^{66}\ \Phi_{3}^{66}\ \Phi_{1}^{67}$
131256	1729	2565	$\frac{4}{95}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{2565}\ \Phi_{513}\ \Phi_{95}\ \Phi_{27}\ \Phi_{19}\ \Phi_{1}$
131257	1729	864	$\frac{5}{96}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{864}^{3}\ \Phi_{432}^{3}\ \Phi_{216}^{3}\ \Phi_{108}^{3}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
131258	1729	108	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{17}{108}$	$\frac{8}{27}$	$\Phi_{108}^{19}\ \Phi_{54}^{10}\ \Phi_{36}^{19}\ \Phi_{27}^{11}\ \Phi_{18}^{18}\ \Phi_{12}^{19}\ \Phi_{9}^{18}\ \Phi_{6}^{18}\ \Phi_{4}^{19}\ \Phi_{3}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
131259	1729	135	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{8}{27}$	$\Phi_{135}^{18}\ \Phi_{27}^{19}\ \Phi_{15}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
131260	1729	1512	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{27}$	$\Phi_{1512}^{2}\ \Phi_{756}^{2}\ \Phi_{378}\ \Phi_{216}\ \Phi_{189}\ \Phi_{108}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{27}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
131261	1729	297	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{297}^{9}\ \Phi_{99}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_{1}$
131262	1729	2700	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{108}\ \Phi_{100}\ \Phi_{50}\ \Phi_{27}\ \Phi_{25}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
131263	1729	2448	$\frac{5}{102}$	$\frac{97}{816}$	$\frac{1}{6}$	$\frac{719}{2448}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{144}\ \Phi_{102}\ \Phi_{72}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
131264	1729	264	$\frac{17}{264}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{264}^{7}\ \Phi_{132}^{7}\ \Phi_{88}^{7}\ \Phi_{66}^{7}\ \Phi_{44}^{7}\ \Phi_{33}^{7}\ \Phi_{22}^{7}\ \Phi_{11}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
131265	1729	2430	$\frac{1}{27}$	$\frac{109}{810}$	$\frac{26}{135}$	$\frac{701}{2430}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{486}\ \Phi_{243}\ \Phi_{135}\ \Phi_{45}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
131266	1729	324	$\frac{1}{36}$	$\frac{5}{36}$	$\frac{77}{324}$	$\frac{31}{108}$	$\Phi_{324}^{7}\ \Phi_{162}^{7}\ \Phi_{81}^{7}\ \Phi_{36}^{6}\ \Phi_{18}^{6}\ \Phi_{12}^{6}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
131267	1729	2400	$\frac{1}{32}$	$\frac{129}{800}$	$\frac{31}{160}$	$\frac{671}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{160}\ \Phi_{150}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
131268	1729	1224	$\frac{3}{136}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{1224}^{2}\ \Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{153}^{2}\ \Phi_{136}\ \Phi_{72}^{2}\ \Phi_{68}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
131269	1729	1584	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{43}{176}$	$\frac{5}{18}$	$\Phi_{1584}^{2}\ \Phi_{792}^{2}\ \Phi_{176}\ \Phi_{144}^{2}\ \Phi_{88}\ \Phi_{72}^{2}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
131270	1729	72	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{5}{18}$	$\Phi_{72}^{30}\ \Phi_{36}^{17}\ \Phi_{24}^{31}\ \Phi_{18}^{18}\ \Phi_{12}^{18}\ \Phi_{9}^{18}\ \Phi_{8}^{31}\ \Phi_{6}^{18}\ \Phi_{4}^{18}\ \Phi_{3}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
131271	1729	990	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{32}{165}$	$\frac{5}{18}$	$\Phi_{990}^{3}\ \Phi_{495}^{3}\ \Phi_{165}\ \Phi_{90}^{3}\ \Phi_{55}\ \Phi_{45}^{3}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
131272	1729	414	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{414}^{6}\ \Phi_{207}^{6}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
131273	1729	198	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{198}^{12}\ \Phi_{99}^{12}\ \Phi_{22}^{6}\ \Phi_{18}^{13}\ \Phi_{11}^{6}\ \Phi_{9}^{13}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
131274	1729	360	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{360}^{8}\ \Phi_{180}^{6}\ \Phi_{90}^{6}\ \Phi_{72}^{6}\ \Phi_{45}^{6}\ \Phi_{40}^{4}\ \Phi_{36}^{4}\ \Phi_{20}^{3}\ \Phi_{18}^{5}\ \Phi_{10}^{3}\ \Phi_{9}^{5}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
131275	1729	2574	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{234}\ \Phi_{143}\ \Phi_{117}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
131276	1729	144	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{144}^{13}\ \Phi_{72}^{13}\ \Phi_{48}^{13}\ \Phi_{36}^{7}\ \Phi_{24}^{13}\ \Phi_{18}^{8}\ \Phi_{16}^{13}\ \Phi_{12}^{12}\ \Phi_{9}^{8}\ \Phi_{8}^{13}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
131277	1729	2025	$\frac{1}{27}$	$\frac{296}{2025}$	$\frac{26}{135}$	$\frac{109}{405}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
131278	1729	2304	$\frac{1}{64}$	$\frac{63}{256}$	$\frac{575}{2304}$	$\frac{193}{768}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
131279	1729	272	$\frac{3}{136}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{272}^{8}\ \Phi_{136}^{5}\ \Phi_{68}^{5}\ \Phi_{34}^{5}\ \Phi_{17}^{5}\ \Phi_{16}^{5}\ \Phi_{8}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
131280	1729	176	$\frac{1}{44}$	$\frac{3}{16}$	$\frac{43}{176}$	$\frac{1}{4}$	$\Phi_{176}^{9}\ \Phi_{88}^{9}\ \Phi_{44}^{12}\ \Phi_{22}^{12}\ \Phi_{16}^{10}\ \Phi_{11}^{12}\ \Phi_{8}^{10}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
131281	1729	2640	$\frac{1}{33}$	$\frac{3}{16}$	$\frac{32}{165}$	$\frac{1}{4}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{880}\ \Phi_{440}\ \Phi_{240}\ \Phi_{165}\ \Phi_{120}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{16}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
131282	1729	1104	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1104}^{2}\ \Phi_{552}^{2}\ \Phi_{368}^{2}\ \Phi_{184}^{2}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
131283	1729	176	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{176}^{12}\ \Phi_{88}^{12}\ \Phi_{22}^{6}\ \Phi_{16}^{13}\ \Phi_{11}^{6}\ \Phi_{8}^{13}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
131284	1729	80	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{80}^{28}\ \Phi_{40}^{16}\ \Phi_{20}^{19}\ \Phi_{16}^{21}\ \Phi_{10}^{19}\ \Phi_{8}^{12}\ \Phi_{5}^{19}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
131285	1729	2288	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2288}\ \Phi_{1144}\ \Phi_{208}\ \Phi_{143}\ \Phi_{104}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
131286	1729	144	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{144}^{13}\ \Phi_{72}^{13}\ \Phi_{48}^{9}\ \Phi_{36}^{13}\ \Phi_{24}^{9}\ \Phi_{18}^{13}\ \Phi_{16}^{10}\ \Phi_{12}^{12}\ \Phi_{9}^{13}\ \Phi_{8}^{10}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
131287	1729	120	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{29}{120}$	$\Phi_{120}^{13}\ \Phi_{60}^{13}\ \Phi_{40}^{13}\ \Phi_{30}^{18}\ \Phi_{24}^{14}\ \Phi_{20}^{13}\ \Phi_{15}^{18}\ \Phi_{12}^{14}\ \Phi_{10}^{18}\ \Phi_{8}^{14}\ \Phi_{6}^{18}\ \Phi_{5}^{18}\ \Phi_{4}^{14}\ \Phi_{3}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
131288	1729	2040	$\frac{5}{102}$	$\frac{311}{2040}$	$\frac{1}{6}$	$\frac{97}{408}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{120}\ \Phi_{102}\ \Phi_{85}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{34}\ \Phi_{30}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
131289	1729	64	$\frac{1}{16}$	$\frac{7}{64}$	$\frac{3}{16}$	$\frac{15}{64}$	$\Phi_{64}^{26}\ \Phi_{32}^{26}\ \Phi_{16}^{30}\ \Phi_{8}^{30}\ \Phi_{4}^{30}\ \Phi_{2}^{30}\ \Phi_{1}^{31}$
131290	1729	320	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{73}{320}$	$\Phi_{320}^{7}\ \Phi_{160}^{7}\ \Phi_{64}^{7}\ \Phi_{32}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
131291	1729	2280	$\frac{4}{95}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{456}\ \Phi_{380}\ \Phi_{228}\ \Phi_{152}\ \Phi_{95}\ \Phi_{76}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
131292	1729	96	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{96}^{19}\ \Phi_{48}^{19}\ \Phi_{32}^{19}\ \Phi_{24}^{14}\ \Phi_{16}^{19}\ \Phi_{12}^{14}\ \Phi_{8}^{14}\ \Phi_{6}^{18}\ \Phi_{4}^{14}\ \Phi_{3}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
131293	1729	216	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{216}^{12}\ \Phi_{108}^{7}\ \Phi_{72}^{6}\ \Phi_{54}^{7}\ \Phi_{36}\ \Phi_{27}^{7}\ \Phi_{24}^{7}\ \Phi_{18}^{6}\ \Phi_{12}^{2}\ \Phi_{9}^{6}\ \Phi_{8}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
131294	1729	120	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{120}^{18}\ \Phi_{60}^{18}\ \Phi_{40}^{18}\ \Phi_{24}^{19}\ \Phi_{20}^{18}\ \Phi_{15}^{6}\ \Phi_{12}^{19}\ \Phi_{8}^{19}\ \Phi_{5}^{6}\ \Phi_{4}^{19}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
131295	1729	168	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{168}^{10}\ \Phi_{84}^{10}\ \Phi_{56}^{12}\ \Phi_{42}^{12}\ \Phi_{28}^{12}\ \Phi_{24}^{5}\ \Phi_{21}^{12}\ \Phi_{14}^{13}\ \Phi_{12}^{5}\ \Phi_{8}^{6}\ \Phi_{7}^{13}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
131296	1729	792	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{792}^{3}\ \Phi_{396}^{3}\ \Phi_{264}^{3}\ \Phi_{132}^{3}\ \Phi_{99}\ \Phi_{88}^{3}\ \Phi_{44}^{3}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
131297	1729	600	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{600}^{4}\ \Phi_{300}^{2}\ \Phi_{200}^{4}\ \Phi_{150}^{2}\ \Phi_{120}^{2}\ \Phi_{100}^{3}\ \Phi_{75}^{2}\ \Phi_{50}^{3}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{25}^{3}\ \Phi_{24}^{3}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
131298	1729	1920	$\frac{1}{12}$	$\frac{191}{1920}$	$\frac{11}{60}$	$\frac{49}{240}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
131299	1729	2160	$\frac{1}{27}$	$\frac{26}{135}$	$\frac{431}{2160}$	$\frac{109}{540}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
131300	1729	160	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{27}{160}$	$\frac{3}{16}$	$\Phi_{160}^{13}\ \Phi_{80}^{13}\ \Phi_{40}^{13}\ \Phi_{20}^{13}\ \Phi_{16}^{4}\ \Phi_{10}^{13}\ \Phi_{8}^{4}\ \Phi_{5}^{13}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
131301	1729	300	$\frac{1}{12}$	$\frac{7}{60}$	$\frac{53}{300}$	$\frac{11}{60}$	$\Phi_{300}^{7}\ \Phi_{150}^{7}\ \Phi_{100}^{7}\ \Phi_{75}^{7}\ \Phi_{60}\ \Phi_{50}^{7}\ \Phi_{30}\ \Phi_{25}^{7}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
131302	1729	280	$\frac{33}{280}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{40}$	$\Phi_{280}^{7}\ \Phi_{140}^{7}\ \Phi_{70}^{7}\ \Phi_{56}^{7}\ \Phi_{35}^{7}\ \Phi_{28}^{7}\ \Phi_{14}^{7}\ \Phi_{8}^{6}\ \Phi_{7}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
131303	1729	288	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{41}{288}$	$\frac{7}{48}$	$\Phi_{288}^{7}\ \Phi_{144}^{7}\ \Phi_{96}^{7}\ \Phi_{72}^{7}\ \Phi_{36}^{7}\ \Phi_{32}^{7}\ \Phi_{18}^{7}\ \Phi_{9}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
131304	1730	2760	$\frac{1}{345}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{172}{345}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{345}\ \Phi_{184}\ \Phi_{120}\ \Phi_{115}\ \Phi_{69}\ \Phi_{40}\ \Phi_{24}\ \Phi_{23}\ \Phi_{15}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
131305	1730	1482	$\frac{1}{247}$	$\frac{124}{741}$	$\frac{617}{1482}$	$\frac{123}{247}$	$\Phi_{1482}^{2}\ \Phi_{494}^{2}\ \Phi_{247}\ \Phi_{114}^{2}\ \Phi_{78}^{2}\ \Phi_{38}^{2}\ \Phi_{26}^{2}\ \Phi_{19}\ \Phi_{13}\ \Phi_{6}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
131306	1730	1722	$\frac{4}{861}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{857}{1722}$	$\Phi_{1722}^{2}\ \Phi_{574}^{2}\ \Phi_{246}^{2}\ \Phi_{82}^{2}\ \Phi_{42}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
131307	1730	3096	$\frac{1}{172}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{171}{344}$	$\Phi_{3096}\ \Phi_{1032}\ \Phi_{344}^{2}\ \Phi_{72}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
131308	1730	1032	$\frac{1}{172}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{171}{344}$	$\Phi_{1032}^{3}\ \Phi_{344}^{4}\ \Phi_{24}^{3}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
131309	1730	1596	$\frac{1}{133}$	$\frac{67}{798}$	$\frac{731}{1596}$	$\frac{66}{133}$	$\Phi_{1596}^{2}\ \Phi_{532}^{2}\ \Phi_{228}^{2}\ \Phi_{133}\ \Phi_{84}^{2}\ \Phi_{76}^{2}\ \Phi_{28}^{2}\ \Phi_{19}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
131310	1730	1197	$\frac{1}{133}$	$\frac{67}{399}$	$\frac{332}{1197}$	$\frac{66}{133}$	$\Phi_{1197}^{2}\ \Phi_{171}^{2}\ \Phi_{133}\ \Phi_{63}^{2}\ \Phi_{19}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
131311	1730	1064	$\frac{1}{133}$	$\frac{199}{1064}$	$\frac{67}{266}$	$\frac{66}{133}$	$\Phi_{1064}^{2}\ \Phi_{532}^{2}\ \Phi_{152}^{2}\ \Phi_{133}\ \Phi_{76}^{2}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{19}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
131312	1730	1716	$\frac{7}{858}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{851}{1716}$	$\Phi_{1716}^{2}\ \Phi_{572}^{2}\ \Phi_{156}^{2}\ \Phi_{132}^{2}\ \Phi_{52}^{2}\ \Phi_{44}^{2}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
131313	1730	343	$\frac{3}{343}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{170}{343}$	$\Phi_{343}^{5}\ \Phi_{49}^{5}\ \Phi_{7}^{7}\ \Phi_{1}^{8}$
131314	1730	1638	$\frac{1}{91}$	$\frac{46}{819}$	$\frac{773}{1638}$	$\frac{45}{91}$	$\Phi_{1638}^{2}\ \Phi_{546}^{2}\ \Phi_{234}^{2}\ \Phi_{182}^{2}\ \Phi_{126}^{2}\ \Phi_{91}\ \Phi_{78}^{2}\ \Phi_{42}^{2}\ \Phi_{26}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{13}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
131315	1730	1092	$\frac{1}{91}$	$\frac{46}{273}$	$\frac{227}{1092}$	$\frac{45}{91}$	$\Phi_{1092}^{2}\ \Phi_{546}^{2}\ \Phi_{364}^{2}\ \Phi_{182}^{2}\ \Phi_{156}^{2}\ \Phi_{91}\ \Phi_{84}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{26}^{2}\ \Phi_{14}^{2}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
131316	1730	342	$\frac{2}{171}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{169}{342}$	$\Phi_{342}^{10}\ \Phi_{114}^{10}\ \Phi_{38}^{10}\ \Phi_{19}\ \Phi_{18}^{10}\ \Phi_{6}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{2}$
131317	1730	3762	$\frac{2}{171}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{169}{342}$	$\Phi_{3762}\ \Phi_{1254}\ \Phi_{418}\ \Phi_{198}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
131318	1730	247	$\frac{3}{247}$	$\frac{25}{247}$	$\frac{74}{247}$	$\frac{122}{247}$	$\Phi_{247}^{7}\ \Phi_{19}^{7}\ \Phi_{13}^{7}\ \Phi_{1}^{8}$
131319	1730	1708	$\frac{11}{854}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{843}{1708}$	$\Phi_{1708}^{2}\ \Phi_{244}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
131320	1730	2552	$\frac{1}{58}$	$\frac{1}{11}$	$\frac{59}{232}$	$\frac{57}{116}$	$\Phi_{2552}\ \Phi_{638}\ \Phi_{319}\ \Phi_{88}\ \Phi_{22}$
131321	1730	338	$\frac{4}{169}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{165}{338}$	$\Phi_{338}^{10}\ \Phi_{26}^{10}\ \Phi_{13}^{3}\ \Phi_{2}^{10}\ \Phi_{1}^{4}$
131322	1730	3696	$\frac{5}{168}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{163}{336}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{176}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
131323	1730	336	$\frac{5}{168}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{163}{336}$	$\Phi_{336}^{10}\ \Phi_{112}^{10}\ \Phi_{48}^{10}\ \Phi_{28}^{2}\ \Phi_{16}^{10}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
131324	1730	1672	$\frac{29}{836}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{807}{1672}$	$\Phi_{1672}^{2}\ \Phi_{152}^{2}\ \Phi_{88}^{2}\ \Phi_{38}^{2}\ \Phi_{19}\ \Phi_{8}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
131325	1730	228	$\frac{2}{57}$	$\frac{1}{19}$	$\frac{55}{228}$	$\frac{9}{19}$	$\Phi_{228}^{10}\ \Phi_{114}^{10}\ \Phi_{76}^{10}\ \Phi_{38}^{10}\ \Phi_{19}\ \Phi_{12}^{10}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{2}$
131326	1730	912	$\frac{47}{912}$	$\frac{1}{19}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{912}^{2}\ \Phi_{456}^{2}\ \Phi_{304}^{2}\ \Phi_{228}^{2}\ \Phi_{152}^{2}\ \Phi_{114}^{2}\ \Phi_{76}^{2}\ \Phi_{48}^{2}\ \Phi_{38}^{2}\ \Phi_{24}^{2}\ \Phi_{19}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
131327	1730	1026	$\frac{1}{19}$	$\frac{10}{171}$	$\frac{161}{1026}$	$\frac{9}{19}$	$\Phi_{1026}^2\ \Phi_{513}^2\ \Phi_{342}^2\ \Phi_{114}^2\ \Phi_{54}^2\ \Phi_{38}^2\ \Phi_{27}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_{6}^2\ \Phi_{2}^2\ \Phi_{1}^2$
131328	1730	190	$\frac{1}{19}$	$\frac{17}{190}$	$\frac{2}{19}$	$\frac{9}{19}$	$\Phi_{190}^{10}\ \Phi_{95}^{10}\ \Phi_{38}^{10}\ \Phi_{19}\ \Phi_{10}^{10}\ \Phi_{5}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^2$
131329	1730	1287	$\frac{7}{429}$	$\frac{1}{13}$	$\frac{422}{1287}$	$\frac{6}{13}$	$\Phi_{1287}^2\ \Phi_{117}^2\ \Phi_{99}^2\ \Phi_{13}\ \Phi_{9}^2\ \Phi_{1}^2$
131330	1730	884	$\frac{19}{884}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{884}^2\ \Phi_{442}^2\ \Phi_{221}^2\ \Phi_{68}^2\ \Phi_{52}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{13}\ \Phi_{4}^2\ \Phi_{1}^2$
131331	1730	1144	$\frac{7}{286}$	$\frac{1}{13}$	$\frac{279}{1144}$	$\frac{6}{13}$	$\Phi_{1144}^2\ \Phi_{572}^2\ \Phi_{104}^2\ \Phi_{88}^2\ \Phi_{52}^2\ \Phi_{44}^2\ \Phi_{13}\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{1}^2$
131332	1730	897	$\frac{32}{897}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{897}^2\ \Phi_{299}^2\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_{13}\ \Phi_{1}^2$
131333	1730	1001	$\frac{7}{143}$	$\frac{1}{13}$	$\frac{136}{1001}$	$\frac{6}{13}$	$\Phi_{1001}^2\ \Phi_{91}^2\ \Phi_{77}^2\ \Phi_{13}\ \Phi_{7}^2\ \Phi_{1}^2$
131334	1730	936	$\frac{71}{936}$	$\frac{1}{13}$	$\frac{7}{78}$	$\frac{6}{13}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{1}^2$
131335	1730	896	$\frac{31}{896}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{896}^2\ \Phi_{448}^2\ \Phi_{224}^2\ \Phi_{128}^2\ \Phi_{112}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
131336	1730	774	$\frac{1}{86}$	$\frac{1}{9}$	$\frac{85}{258}$	$\frac{4}{9}$	$\Phi_{774}^2\ \Phi_{387}^2\ \Phi_{258}^3\ \Phi_{129}^3\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{18}^2\ \Phi_{9}^3\ \Phi_{6}^3\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
131337	1730	1584	$\frac{3}{176}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{176}^2\ \Phi_{144}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}^2\ \Phi_{72}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_{9}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
131338	1730	1935	$\frac{1}{43}$	$\frac{1}{9}$	$\frac{42}{215}$	$\frac{4}{9}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{215}^2\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
131339	1730	1519	$\frac{6}{217}$	$\frac{211}{1519}$	$\frac{1}{7}$	$\frac{654}{1519}$	$\Phi_{1519}\ \Phi_{217}^2\ \Phi_{49}\ \Phi_{31}^2\ \Phi_{7}\ \Phi_{1}^2$
131340	1730	175	$\frac{2}{175}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{175}^{10}\ \Phi_{35}^{10}\ \Phi_{25}^{10}\ \Phi_{7}^7\ \Phi_{5}^{10}\ \Phi_{1}^8$
131341	1730	1148	$\frac{4}{287}$	$\frac{1}{7}$	$\frac{283}{1148}$	$\frac{3}{7}$	$\Phi_{1148}^2\ \Phi_{574}^2\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
131342	1730	882	$\frac{17}{882}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{294}^2\ \Phi_{147}^2\ \Phi_{126}^2\ \Phi_{98}^2\ \Phi_{63}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{2}^2\ \Phi_{1}^2$
131343	1730	1980	$\frac{7}{180}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}$
131344	1730	1456	$\frac{1}{91}$	$\frac{137}{728}$	$\frac{45}{182}$	$\frac{591}{1456}$	$\Phi_{1456}^2\ \Phi_{208}^2\ \Phi_{182}^2\ \Phi_{112}^2\ \Phi_{91}\ \Phi_{26}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_{7}\ \Phi_{2}^2\ \Phi_{1}^2$
131345	1730	3190	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{28}{145}$	$\frac{117}{290}$	$\Phi_{3190}\ \Phi_{638}\ \Phi_{319}\ \Phi_{110}\ \Phi_{22}$
131346	1730	247	$\frac{2}{247}$	$\frac{49}{247}$	$\frac{74}{247}$	$\frac{99}{247}$	$\Phi_{247}^7\ \Phi_{19}^7\ \Phi_{13}^7\ \Phi_{1}^8$
131347	1730	912	$\frac{47}{912}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{29}{76}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{48}^2\ \Phi_{38}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^2$
131348	1730	1092	$\frac{1}{91}$	$\frac{227}{1092}$	$\frac{45}{182}$	$\frac{137}{364}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{156}^2\ \Phi_{91}\ \Phi_{84}^2\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^2$
131349	1730	696	$\frac{1}{174}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{696}^4\ \Phi_{232}^4\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{24}^3\ \Phi_{8}^4\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
131350	1730	920	$\frac{1}{115}$	$\frac{57}{230}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{920}^3\ \Phi_{230}^2\ \Phi_{184}^3\ \Phi_{115}\ \Phi_{46}^2\ \Phi_{40}^3\ \Phi_{23}\ \Phi_{10}^2\ \Phi_{8}^4\ \Phi_{5}\ \Phi_{2}^2\ \Phi_{1}^2$
131351	1730	1400	$\frac{2}{175}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1400}^2\ \Phi_{280}^2\ \Phi_{200}^2\ \Phi_{175}^2\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{5}\ \Phi_{1}^2$
131352	1730	1656	$\frac{1}{69}$	$\frac{34}{207}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1656}^2\ \Phi_{552}\ \Phi_{207}^2\ \Phi_{184}\ \Phi_{72}^2\ \Phi_{69}\ \Phi_{24}\ \Phi_{23}\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
131353	1730	360	$\frac{7}{180}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^8\ \Phi_{180}^2\ \Phi_{120}^7\ \Phi_{90}^2\ \Phi_{72}^8\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^7\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^7\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{9}^2\ \Phi_{8}^8\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
131354	1730	184	$\frac{1}{23}$	$\frac{11}{184}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{184}^9\ \Phi_{92}^{10}\ \Phi_{46}^{10}\ \Phi_{23}^9\ \Phi_{8}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
131355	1730	273	$\frac{1}{91}$	$\frac{18}{91}$	$\frac{73}{273}$	$\frac{100}{273}$	$\Phi_{273}^5\ \Phi_{91}^9\ \Phi_{39}^5\ \Phi_{21}^5\ \Phi_{13}^9\ \Phi_{7}^9\ \Phi_{3}^5\ \Phi_{1}^{10}$
131356	1730	266	$\frac{3}{133}$	$\frac{13}{133}$	$\frac{40}{133}$	$\frac{93}{266}$	$\Phi_{266}^{10}\ \Phi_{133}^3\ \Phi_{38}^{10}\ \Phi_{19}^3\ \Phi_{14}^{10}\ \Phi_{7}^3\ \Phi_{2}^{10}\ \Phi_{1}^4$
131357	1730	1311	$\frac{18}{437}$	$\frac{1}{19}$	$\frac{419}{1311}$	$\frac{446}{1311}$	$\Phi_{1311}\ \Phi_{437}^2\ \Phi_{69}\ \Phi_{57}\ \Phi_{23}^2\ \Phi_{19}\ \Phi_{3}\ \Phi_{1}^2$
131358	1730	1302	$\frac{3}{217}$	$\frac{1}{7}$	$\frac{214}{651}$	$\frac{437}{1302}$	$\Phi_{1302}^2\ \Phi_{434}^2\ \Phi_{217}^2\ \Phi_{186}^2\ \Phi_{62}^2\ \Phi_{42}^2\ \Phi_{31}^2\ \Phi_{14}^2\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{2}^2\ \Phi_{1}^2$
131359	1730	258	$\frac{1}{86}$	$\frac{1}{6}$	$\frac{85}{258}$	$\frac{1}{3}$	$\Phi_{258}^7\ \Phi_{129}^7\ \Phi_{86}^6\ \Phi_{43}^6\ \Phi_{6}^9\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^8$
131360	1730	528	$\frac{3}{176}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^4\ \Phi_{132}^3\ \Phi_{88}^4\ \Phi_{66}^3\ \Phi_{48}^3\ \Phi_{44}^4\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^4\ \Phi_{16}^4\ \Phi_{11}^4\ \Phi_{8}^4\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
131361	1730	2508	$\frac{2}{57}$	$\frac{1}{11}$	$\frac{55}{228}$	$\frac{1}{3}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{836}\ \Phi_{418}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
131362	1730	1980	$\frac{7}{180}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
131363	1730	1290	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{42}{215}$	$\frac{1}{3}$	$\Phi_{1290}^2\ \Phi_{645}\ \Phi_{430}^2\ \Phi_{215}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
131364	1730	2772	$\frac{5}{84}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{79}{252}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
131365	1730	252	$\frac{5}{84}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{79}{252}$	$\Phi_{252}^{10}\ \Phi_{126}^{10}\ \Phi_{63}^{10}\ \Phi_{36}^{10}\ \Phi_{28}^2\ \Phi_{18}^{10}\ \Phi_{14}^2\ \Phi_9^{10}\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
131366	1730	1254	$\frac{1}{19}$	$\frac{29}{418}$	$\frac{9}{38}$	$\frac{389}{1254}$	$\Phi_{1254}^2\ \Phi_{627}^2\ \Phi_{114}^2\ \Phi_{66}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{33}^2\ \Phi_{19}\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
131367	1730	182	$\frac{9}{182}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{182}^{10}\ \Phi_{91}^{10}\ \Phi_{26}^{10}\ \Phi_{14}^{10}\ \Phi_{13}^3\ \Phi_7^{10}\ \Phi_2^{10}\ \Phi_1^4$
131368	1730	924	$\frac{59}{924}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{84}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
131369	1730	196	$\frac{3}{49}$	$\frac{23}{196}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{196}^{10}\ \Phi_{98}^{10}\ \Phi_{49}^5\ \Phi_{28}^{10}\ \Phi_{14}^{10}\ \Phi_7^7\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^8$
131370	1730	224	$\frac{5}{56}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{51}{224}$	$\Phi_{224}^{10}\ \Phi_{112}^{10}\ \Phi_{32}^{10}\ \Phi_{28}^2\ \Phi_{16}^{10}\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
131371	1730	2112	$\frac{1}{11}$	$\frac{19}{192}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{176}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
131372	1730	196	$\frac{3}{28}$	$\frac{23}{196}$	$\frac{1}{7}$	$\frac{5}{28}$	$\Phi_{196}^{10}\ \Phi_{98}^{10}\ \Phi_{49}^{10}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
131373	1730	2310	$\frac{1}{11}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{210}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}$
131374	1730	1008	$\frac{3}{28}$	$\frac{143}{1008}$	$\frac{1}{7}$	$\frac{25}{168}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
131375	1731	2768	$\frac{1}{346}$	$\frac{347}{1384}$	$\frac{1037}{2768}$	$\frac{345}{692}$	$\Phi_{2768}\ \Phi_{692}\ \Phi_{16}\ \Phi_4\ \Phi_1$
131376	1731	3440	$\frac{11}{1720}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1709}{3440}$	$\Phi_{3440}\ \Phi_{688}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
131377	1731	1140	$\frac{7}{570}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{563}{1140}$	$\Phi_{1140}^3\ \Phi_{380}^3\ \Phi_{228}^3\ \Phi_{76}^3\ \Phi_{60}^3\ \Phi_{20}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
131378	1731	2320	$\frac{9}{580}$	$\frac{1}{10}$	$\frac{589}{2320}$	$\frac{571}{1160}$	$\Phi_{2320}\ \Phi_{580}\ \Phi_{464}\ \Phi_{290}\ \Phi_{145}\ \Phi_{116}\ \Phi_{80}\ \Phi_{58}\ \Phi_{29}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
131379	1731	2244	$\frac{16}{561}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{545}{1122}$	$\Phi_{2244}\ \Phi_{748}\ \Phi_{561}\ \Phi_{204}\ \Phi_{187}\ \Phi_{132}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{44}\ \Phi_{34}\ \Phi_{33}\ \Phi_{17}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_3\ \Phi_1$
131380	1731	612	$\frac{1}{34}$	$\frac{35}{612}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{204}^3\ \Phi_{153}^3\ \Phi_{102}^3\ \Phi_{68}^2\ \Phi_{51}^3\ \Phi_{36}^3\ \Phi_{34}\ \Phi_{18}^3\ \Phi_{17}\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
131381	1731	1120	$\frac{17}{560}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{543}{1120}$	$\Phi_{1120}^3\ \Phi_{224}^3\ \Phi_{160}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
131382	1731	1088	$\frac{1}{34}$	$\frac{33}{544}$	$\frac{1}{4}$	$\frac{511}{1088}$	$\Phi_{1088}^3\ \Phi_{68}^2\ \Phi_{64}^3\ \Phi_{34}\ \Phi_{17}\ \Phi_4\ \Phi_1$
131383	1731	860	$\frac{11}{860}$	$\frac{1}{10}$	$\frac{283}{860}$	$\frac{9}{20}$	$\Phi_{860}^2\ \Phi_{430}^2\ \Phi_{215}^2\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
131384	1731	1760	$\frac{29}{1760}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{20}\ \Phi_{16}\ \Phi_{11}\ \Phi_4\ \Phi_1$
131385	1731	600	$\frac{23}{600}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^3\ \Phi_{30}^3\ \Phi_{25}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
131386	1731	2900	$\frac{9}{290}$	$\frac{1}{10}$	$\frac{281}{1450}$	$\frac{1169}{2900}$	$\Phi_{2900}\ \Phi_{580}\ \Phi_{290}\ \Phi_{145}\ \Phi_{116}\ \Phi_{100}\ \Phi_{58}\ \Phi_{29}\ \Phi_{20}\ \Phi_4\ \Phi_1$
131387	1731	612	$\frac{35}{612}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{204}^2\ \Phi_{153}^3\ \Phi_{102}^2\ \Phi_{68}^3\ \Phi_{51}^3\ \Phi_{36}^3\ \Phi_{34}^3\ \Phi_{18}^3\ \Phi_{17}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
131388	1731	840	$\frac{17}{280}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{263}{840}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
131389	1731	760	$\frac{7}{190}$	$\frac{1}{10}$	$\frac{183}{760}$	$\frac{3}{10}$	$\Phi_{760}^3\ \Phi_{380}^3\ \Phi_{152}^3\ \Phi_{76}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
131390	1731	600	$\frac{23}{600}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{25}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
131391	1731	816	$\frac{1}{34}$	$\frac{33}{272}$	$\frac{1}{4}$	$\frac{239}{816}$	$\Phi_{816}^3\ \Phi_{408}^3\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{68}^2\ \Phi_{51}^3\ \Phi_{48}^3\ \Phi_{34}\ \Phi_{24}^3\ \Phi_{17}\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
131392	1731	680	$\frac{1}{34}$	$\frac{103}{680}$	$\frac{33}{136}$	$\frac{1}{4}$	$\Phi_{680}^3\ \Phi_{340}^3\ \Phi_{170}^3\ \Phi_{85}^3\ \Phi_{68}^2\ \Phi_{40}^3\ \Phi_{34}\ \Phi_{20}^3\ \Phi_{17}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
131393	1731	748	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{171}{748}$	$\frac{1}{4}$	$\Phi_{748}^2\ \Phi_{374}^2\ \Phi_{187}^3\ \Phi_{68}^3\ \Phi_{44}^2\ \Phi_{34}^3\ \Phi_{22}^2\ \Phi_{17}^3\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
131394	1731	640	$\frac{63}{640}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{80}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
131395	1731	700	$\frac{1}{10}$	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{123}{700}$	$\Phi_{700}^3\ \Phi_{350}^3\ \Phi_{175}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
131396	1732	864	$\frac{1}{432}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{431}{864}$	$\Phi_{864}^4\ \Phi_{288}^4\ \Phi_{96}^4\ \Phi_{32}^4\ \Phi_3\ \Phi_1^2$
131397	1732	1734	$\frac{1}{289}$	$\frac{145}{578}$	$\frac{1}{3}$	$\frac{144}{289}$	$\Phi_{1734}^2\ \Phi_{867}\ \Phi_{102}^2\ \Phi_{51}\ \Phi_6^2$
131398	1732	4270	$\frac{6}{427}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{421}{854}$	$\Phi_{4270}\ \Phi_{610}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
131399	1732	2480	$\frac{1}{62}$	$\frac{63}{496}$	$\frac{1}{5}$	$\frac{61}{124}$	$\Phi_{2480}\ \Phi_{1240}\ \Phi_{310}\ \Phi_{155}\ \Phi_{80}\ \Phi_{40}\ \Phi_{10}$
131400	1732	2550	$\frac{8}{425}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{417}{850}$	$\Phi_{2550}^2\ \Phi_{510}^2\ \Phi_{150}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{30}^2\ \Phi_6^2$
131401	1732	459	$\frac{1}{51}$	$\frac{26}{459}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{459}^4\ \Phi_{153}^4\ \Phi_{51}^2\ \Phi_{27}^4\ \Phi_{17}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
131402	1732	1683	$\frac{49}{1683}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{817}{1683}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}\ \Phi_{99}\ \Phi_{51}^2\ \Phi_{33}\ \Phi_{17}^2\ \Phi_{11}\ \Phi_9\ \Phi_3\ \Phi_1^2$
131403	1732	840	$\frac{13}{420}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{407}{840}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{168}^4\ \Phi_{120}^4\ \Phi_{70}\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{35}\ \Phi_{24}^4\ \Phi_{10}\ \Phi_8^4$
131404	1732	1326	$\frac{9}{442}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{1326}^2\ \Phi_{663}^2\ \Phi_{102}^2\ \Phi_{78}^2\ \Phi_{51}\ \Phi_{39}^2\ \Phi_6^2$
131405	1732	816	$\frac{1}{51}$	$\frac{25}{408}$	$\frac{1}{3}$	$\frac{383}{816}$	$\Phi_{816}^4\ \Phi_{272}^4\ \Phi_{51}^2\ \Phi_{48}^4\ \Phi_{17}^2\ \Phi_{16}^4\ \Phi_3\ \Phi_1^2$
131406	1732	2240	$\frac{15}{448}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{320}\ \Phi_{280}\ \Phi_{160}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{10}$
131407	1732	4030	$\frac{1}{31}$	$\frac{30}{403}$	$\frac{1}{5}$	$\frac{373}{806}$	$\Phi_{4030}\ \Phi_{310}\ \Phi_{155}\ \Phi_{130}\ \Phi_{10}$
131408	1732	3720	$\frac{1}{62}$	$\frac{61}{372}$	$\frac{1}{5}$	$\frac{311}{744}$	$\Phi_{3720}\ \Phi_{1240}\ \Phi_{310}\ \Phi_{155}\ \Phi_{120}\ \Phi_{40}\ \Phi_{10}$
131409	1732	435	$\frac{2}{435}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{435}^4\ \Phi_{145}^4\ \Phi_{87}^4\ \Phi_{29}^4\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
131410	1732	648	$\frac{1}{216}$	$\frac{215}{648}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{648}^4\ \Phi_{324}^4\ \Phi_{162}^4\ \Phi_{81}^4\ \Phi_3\ \Phi_1^2$
131411	1732	1308	$\frac{3}{436}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1308}\ \Phi_{654}\ \Phi_{436}^2\ \Phi_{327}\ \Phi_{218}^2\ \Phi_{109}^2\ \Phi_3\ \Phi_1^2$
131412	1732	576	$\frac{1}{144}$	$\frac{143}{576}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{576}^4\ \Phi_{288}^4\ \Phi_{192}^4\ \Phi_{96}^4\ \Phi_{64}^4\ \Phi_{32}^4\ \Phi_3\ \Phi_1^2$
131413	1732	873	$\frac{7}{873}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{873}^2\ \Phi_{291}^2\ \Phi_{97}^2\ \Phi_3\ \Phi_1^2$
131414	1732	540	$\frac{1}{108}$	$\frac{107}{540}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
131415	1732	438	$\frac{5}{438}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{438}^4\ \Phi_{219}^4\ \Phi_{146}^4\ \Phi_{73}^4\ \Phi_3\ \Phi_1^2$
131416	1732	504	$\frac{1}{72}$	$\frac{71}{504}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
131417	1732	1320	$\frac{7}{440}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}^2\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
131418	1732	441	$\frac{8}{441}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{441}^4\ \Phi_{147}^4\ \Phi_{63}^4\ \Phi_{49}^4\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
131419	1732	486	$\frac{1}{54}$	$\frac{53}{486}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{486}^4\ \Phi_{243}^4\ \Phi_{162}^4\ \Phi_{81}^4\ \Phi_3\ \Phi_1^2$
131420	1732	480	$\frac{1}{48}$	$\frac{47}{480}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
131421	1732	444	$\frac{11}{444}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{444}^4\ \Phi_{222}^4\ \Phi_{148}^4\ \Phi_{111}^4\ \Phi_{74}^4\ \Phi_{37}^4\ \Phi_3\ \Phi_1^2$
131422	1732	468	$\frac{1}{36}$	$\frac{35}{468}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^4\ \Phi_{117}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_3\ \Phi_1^2$
131423	1732	891	$\frac{25}{891}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{99}^2\ \Phi_{81}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
131424	1732	1344	$\frac{15}{448}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}^2\ \Phi_{336}\ \Phi_{224}^2\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
131425	1732	459	$\frac{1}{27}$	$\frac{26}{459}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{459}^4\ \Phi_{153}^4\ \Phi_{51}^4\ \Phi_{17}^4\ \Phi_3\ \Phi_1^2$
131426	1732	450	$\frac{17}{450}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
131427	1732	456	$\frac{1}{24}$	$\frac{23}{456}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{456}^4\ \Phi_{228}^4\ \Phi_{152}^4\ \Phi_{114}^4\ \Phi_{76}^4\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_3\ \Phi_1^2$
131428	1732	1275	$\frac{16}{425}$	$\frac{1}{17}$	$\frac{409}{1275}$	$\frac{1}{3}$	$\Phi_{1275}\ \Phi_{425}^2\ \Phi_{255}\ \Phi_{85}^2\ \Phi_{75}\ \Phi_{51}^2\ \Phi_{25}^2\ \Phi_{17}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
131429	1732	459	$\frac{2}{51}$	$\frac{26}{459}$	$\frac{49}{153}$	$\frac{1}{3}$	$\Phi_{459}^4\ \Phi_{153}^3\ \Phi_{51}^4\ \Phi_{27}^4\ \Phi_{17}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
131430	1732	612	$\frac{1}{51}$	$\frac{25}{204}$	$\frac{179}{612}$	$\frac{1}{3}$	$\Phi_{612}^4\ \Phi_{306}^4\ \Phi_{153}^4\ \Phi_{51}^2\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{17}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
131431	1732	510	$\frac{1}{51}$	$\frac{77}{510}$	$\frac{25}{102}$	$\frac{1}{3}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{170}^4\ \Phi_{85}^4\ \Phi_{51}^2\ \Phi_{30}^4\ \Phi_{17}^2\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
131432	1732	561	$\frac{2}{51}$	$\frac{49}{561}$	$\frac{128}{561}$	$\frac{1}{3}$	$\Phi_{561}^3\ \Phi_{187}^3\ \Phi_{51}^4\ \Phi_{33}^3\ \Phi_{17}^4\ \Phi_{11}^3\ \Phi_3^3\ \Phi_1^4$
131433	1732	2805	$\frac{1}{17}$	$\frac{69}{935}$	$\frac{16}{85}$	$\frac{1}{3}$	$\Phi_{2805}\ \Phi_{561}\ \Phi_{165}\ \Phi_{51}\ \Phi_{33}$
131434	1732	510	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{77}{510}$	$\frac{1}{3}$	$\Phi_{510}^4\ \Phi_{255}^2\ \Phi_{170}^4\ \Phi_{102}^4\ \Phi_{85}^4\ \Phi_{51}^3\ \Phi_{34}^4\ \Phi_{30}^4\ \Phi_{17}^4\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
131435	1732	2790	$\frac{1}{62}$	$\frac{1}{5}$	$\frac{125}{558}$	$\frac{61}{186}$	$\Phi_{2790}\ \Phi_{1395}\ \Phi_{310}\ \Phi_{155}\ \Phi_{90}\ \Phi_{45}\ \Phi_{10}$
131436	1732	630	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{197}{630}$	$\Phi_{630}^4\ \Phi_{315}^4\ \Phi_{126}^4\ \Phi_{90}^4\ \Phi_{70}\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{35}\ \Phi_{18}^4\ \Phi_{10}\ \Phi_9^4$
131437	1732	2310	$\frac{29}{462}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{70}\ \Phi_{55}\ \Phi_{35}\ \Phi_{10}$
131438	1732	560	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{5}$	$\frac{127}{560}$	$\Phi_{560}^4\ \Phi_{280}^4\ \Phi_{112}^4\ \Phi_{80}^4\ \Phi_{70}\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{35}\ \Phi_{16}^4\ \Phi_{10}\ \Phi_8^4$
131439	1732	490	$\frac{1}{14}$	$\frac{57}{490}$	$\frac{13}{70}$	$\frac{1}{5}$	$\Phi_{490}^4\ \Phi_{245}^4\ \Phi_{98}^4\ \Phi_{70}\ \Phi_{49}^4\ \Phi_{35}\ \Phi_{10}$
131440	1732	2520	$\frac{1}{14}$	$\frac{71}{504}$	$\frac{13}{84}$	$\frac{1}{5}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{40}\ \Phi_{35}\ \Phi_{10}$
131441	1733	3456	$\frac{5}{1728}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1723}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_8\ \Phi_1$
131442	1733	1984	$\frac{3}{248}$	$\frac{251}{1984}$	$\frac{1}{4}$	$\frac{245}{496}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{248}\ \Phi_{124}\ \Phi_{64}\ \Phi_{62}\ \Phi_{32}\ \Phi_{31}\ \Phi_8\ \Phi_1$
131443	1733	3416	$\frac{25}{1708}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1683}{3416}$	$\Phi_{3416}\ \Phi_{488}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
131444	1733	3360	$\frac{53}{1680}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{1627}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
131445	1733	1792	$\frac{59}{1792}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{128}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
131446	1733	3224	$\frac{3}{124}$	$\frac{121}{1612}$	$\frac{1}{4}$	$\frac{1491}{3224}$	$\Phi_{3224}\ \Phi_{248}\ \Phi_{124}\ \Phi_{104}\ \Phi_{62}\ \Phi_{31}\ \Phi_8\ \Phi_1$
131447	1733	2976	$\frac{3}{248}$	$\frac{245}{1488}$	$\frac{1}{4}$	$\frac{1243}{2976}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{248}\ \Phi_{124}\ \Phi_{96}\ \Phi_{62}\ \Phi_{32}\ \Phi_{31}\ \Phi_8\ \Phi_1$
131448	1733	2592	$\frac{5}{864}$	$\frac{1}{4}$	$\frac{859}{2592}$	$\frac{3}{8}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_8\ \Phi_1$
131449	1733	1744	$\frac{11}{1744}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1744}\ \Phi_{872}\ \Phi_{436}\ \Phi_{218}\ \Phi_{109}\ \Phi_8\ \Phi_1$
131450	1733	2304	$\frac{5}{576}$	$\frac{571}{2304}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_8\ \Phi_1$
131451	1733	1752	$\frac{19}{1752}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1752}\ \Phi_{876}\ \Phi_{584}\ \Phi_{438}\ \Phi_{292}\ \Phi_{219}\ \Phi_{146}\ \Phi_{73}\ \Phi_8\ \Phi_1$
131452	1733	2160	$\frac{5}{432}$	$\frac{427}{2160}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
131453	1733	1760	$\frac{27}{1760}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
131454	1733	2016	$\frac{5}{288}$	$\frac{283}{2016}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
131455	1733	1944	$\frac{5}{216}$	$\frac{211}{1944}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_8\ \Phi_1$
131456	1733	1776	$\frac{43}{1776}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{592}\ \Phi_{444}\ \Phi_{296}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_8\ \Phi_1$
131457	1733	1920	$\frac{5}{192}$	$\frac{187}{1920}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
131458	1733	1792	$\frac{59}{1792}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
131459	1733	1872	$\frac{5}{144}$	$\frac{139}{1872}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
131460	1733	1800	$\frac{67}{1800}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
131461	1733	1824	$\frac{91}{1824}$	$\frac{5}{96}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_8\ \Phi_1$
131462	1733	2232	$\frac{3}{248}$	$\frac{499}{2232}$	$\frac{1}{4}$	$\frac{245}{744}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{558}\ \Phi_{279}\ \Phi_{248}\ \Phi_{124}\ \Phi_{72}\ \Phi_{62}\ \Phi_{36}\ \Phi_{31}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
131463	1733	1848	$\frac{3}{56}$	$\frac{115}{1848}$	$\frac{1}{4}$	$\frac{53}{168}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}\ \Phi_{77}\ \Phi_{66}\ \Phi_{56}\ \Phi_{44}\ \Phi_{33}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_8\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
131464	1733	2520	$\frac{3}{56}$	$\frac{53}{840}$	$\frac{1}{4}$	$\frac{787}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
131465	1733	2240	$\frac{3}{56}$	$\frac{53}{560}$	$\frac{507}{2240}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
131466	1733	1960	$\frac{3}{56}$	$\frac{227}{1960}$	$\frac{53}{280}$	$\frac{1}{4}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{245}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
131467	1733	2016	$\frac{3}{56}$	$\frac{283}{2016}$	$\frac{53}{336}$	$\frac{1}{4}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
131468	1734	2880	$\frac{1}{288}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{287}{576}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}^2\ \Phi_{320}\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{5}\ \Phi_{1}^2$
131469	1734	576	$\frac{1}{288}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{287}{576}$	$\Phi_{576}^6\ \Phi_{192}^6\ \Phi_{64}^6\ \Phi_{12}\ \Phi_{6}$
131470	1734	772	$\frac{1}{193}$	$\frac{1}{4}$	$\frac{97}{386}$	$\frac{96}{193}$	$\Phi_{772}^3\ \Phi_{386}\ \Phi_{193}^2\ \Phi_{4}^2\ \Phi_{1}^2$
131471	1734	1722	$\frac{2}{287}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{285}{574}$	$\Phi_{1722}^3\ \Phi_{246}^3\ \Phi_{42}^3\ \Phi_{21}\ \Phi_{6}^3$
131472	1734	2976	$\frac{1}{124}$	$\frac{125}{992}$	$\frac{1}{3}$	$\frac{123}{248}$	$\Phi_{2976}\ \Phi_{1488}\ \Phi_{372}\ \Phi_{186}\ \Phi_{96}\ \Phi_{93}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
131473	1734	3232	$\frac{1}{101}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{50}{101}$	$\Phi_{3232}\ \Phi_{101}\ \Phi_{32}^2\ \Phi_{1}^2$
131474	1734	2424	$\frac{1}{101}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{50}{101}$	$\Phi_{2424}\ \Phi_{1212}\ \Phi_{606}\ \Phi_{303}\ \Phi_{101}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
131475	1734	2020	$\frac{1}{101}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{50}{101}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{505}\ \Phi_{101}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{1}^2$
131476	1734	3990	$\frac{4}{285}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{281}{570}$	$\Phi_{3990}\ \Phi_{1330}\ \Phi_{798}\ \Phi_{266}\ \Phi_{210}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{14}$
131477	1734	5124	$\frac{13}{854}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{841}{1708}$	$\Phi_{5124}\ \Phi_{732}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
131478	1734	2436	$\frac{1}{58}$	$\frac{1}{7}$	$\frac{59}{348}$	$\frac{57}{116}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{609}\ \Phi_{406}\ \Phi_{203}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
131479	1734	3300	$\frac{1}{50}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{49}{100}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{300}\ \Phi_{220}\ \Phi_{132}\ \Phi_{100}^2\ \Phi_{60}\ \Phi_{44}\ \Phi_{33}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
131480	1734	900	$\frac{1}{50}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{900}^4\ \Phi_{300}^3\ \Phi_{180}^4\ \Phi_{100}^4\ \Phi_{60}^3\ \Phi_{36}^4\ \Phi_{20}^4\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
131481	1734	1100	$\frac{1}{50}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{49}{100}$	$\Phi_{1100}^3\ \Phi_{220}^3\ \Phi_{100}^4\ \Phi_{44}^3\ \Phi_{22}^2\ \Phi_{20}^4\ \Phi_{11}\ \Phi_{4}^4\ \Phi_{2}^2\ \Phi_{1}^2$
131482	1734	825	$\frac{1}{33}$	$\frac{1}{25}$	$\frac{8}{25}$	$\frac{16}{33}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}^2\ \Phi_{75}^2\ \Phi_{55}^2\ \Phi_{33}^3\ \Phi_{25}^4\ \Phi_{15}^2\ \Phi_{11}^3\ \Phi_{5}^4\ \Phi_{3}^3\ \Phi_{1}^6$
131483	1734	396	$\frac{1}{33}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{396}^6\ \Phi_{198}^3\ \Phi_{132}^5\ \Phi_{99}^3\ \Phi_{66}^2\ \Phi_{44}^5\ \Phi_{36}^8\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}^4\ \Phi_{12}^7\ \Phi_{11}^3\ \Phi_{9}^4\ \Phi_{6}^3\ \Phi_{4}^6\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
131484	1734	165	$\frac{1}{33}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{16}{33}$	$\Phi_{165}^{10}\ \Phi_{55}^{11}\ \Phi_{33}^{11}\ \Phi_{15}^{10}\ \Phi_{11}^{12}\ \Phi_{5}^{10}\ \Phi_{3}^{11}\ \Phi_{1}^{12}$
131485	1734	660	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{16}{33}$	$\Phi_{660}^3\ \Phi_{330}^2\ \Phi_{220}^3\ \Phi_{165}^2\ \Phi_{132}^3\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^3\ \Phi_{55}^2\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{20}^6\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_{10}^4\ \Phi_{6}^2\ \Phi_{5}^4\ \Phi_{4}^6\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
131486	1734	1680	$\frac{9}{280}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{271}{560}$	$\Phi_{1680}^3\ \Phi_{336}^3\ \Phi_{240}^3\ \Phi_{84}\ \Phi_{48}^3\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
131487	1734	560	$\frac{9}{280}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{271}{560}$	$\Phi_{560}^6\ \Phi_{112}^6\ \Phi_{80}^6\ \Phi_{70}\ \Phi_{35}\ \Phi_{16}^6\ \Phi_{14}$
131488	1734	2688	$\frac{29}{896}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{192}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
131489	1734	558	$\frac{1}{31}$	$\frac{10}{279}$	$\frac{1}{3}$	$\frac{269}{558}$	$\Phi_{558}^6\ \Phi_{186}^6\ \Phi_{93}\ \Phi_{62}^6\ \Phi_{18}^6\ \Phi_{6}^6\ \Phi_{2}^6$
131490	1734	1733	$\frac{53}{1733}$	$\frac{69}{1733}$	$\frac{560}{1733}$	$\frac{832}{1733}$	$\Phi_{1733}\ \Phi_{1}^2$
131491	1734	1854	$\frac{5}{103}$	$\frac{1}{18}$	$\frac{18}{103}$	$\frac{49}{103}$	$\Phi_{1854}\ \Phi_{927}\ \Phi_{618}\ \Phi_{309}\ \Phi_{206}$
131492	1734	1733	$\frac{84}{1733}$	$\frac{97}{1733}$	$\frac{305}{1733}$	$\frac{818}{1733}$	$\Phi_{1733}\ \Phi_{1}^2$
131493	1734	772	$\frac{6}{193}$	$\frac{11}{193}$	$\frac{1}{4}$	$\frac{91}{193}$	$\Phi_{772}^3\ \Phi_{386}^3\ \Phi_{4}^2\ \Phi_{2}^2$
131494	1734	1248	$\frac{1}{52}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{1248}^4\ \Phi_{156}\ \Phi_{96}^3\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_{6}$
131495	1734	3232	$\frac{2}{101}$	$\frac{1}{16}$	$\frac{33}{101}$	$\frac{15}{32}$	$\Phi_{3232}\ \Phi_{101}\ \Phi_{32}^2\ \Phi_{1}^2$
131496	1734	1120	$\frac{1}{35}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{1120}^3\ \Phi_{224}^3\ \Phi_{160}^3\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
131497	1734	3232	$\frac{5}{101}$	$\frac{1}{16}$	$\frac{16}{101}$	$\frac{15}{32}$	$\Phi_{3232}\ \Phi_{101}\ \Phi_{32}^2\ \Phi_{1}^2$
131498	1734	2016	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{2016}^2\ \Phi_{672}^2\ \Phi_{224}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
131499	1734	4836	$\frac{1}{62}$	$\frac{61}{806}$	$\frac{1}{3}$	$\frac{745}{1612}$	$\Phi_{4836}\ \Phi_{372}\ \Phi_{186}\ \Phi_{156}\ \Phi_{93}\ \Phi_{12}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
131500	1734	2100	$\frac{11}{300}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
131501	1734	3654	$\frac{1}{29}$	$\frac{28}{261}$	$\frac{1}{7}$	$\frac{233}{522}$	$\Phi_{3654}\ \Phi_{1218}\ \Phi_{406}\ \Phi_{203}\ \Phi_{126}\ \Phi_{42}\ \Phi_{14}$
131502	1734	3090	$\frac{1}{103}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{3090}\ \Phi_{1030}\ \Phi_{618}\ \Phi_{309}\ \Phi_{206}$
131503	1734	780	$\frac{1}{52}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^3\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}^3\ \Phi_{78}^2\ \Phi_{65}^3\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
131504	1734	1092	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}\ \Phi_{273}^2\ \Phi_{182}\ \Phi_{156}^2\ \Phi_{91}\ \Phi_{84}^2\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{39}^2\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_6^2$
131505	1734	1488	$\frac{1}{124}$	$\frac{41}{248}$	$\frac{1}{3}$	$\frac{207}{496}$	$\Phi_{1488}^3\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{48}^3\ \Phi_{12}\ \Phi_6$
131506	1734	2472	$\frac{1}{103}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{2472}\ \Phi_{824}\ \Phi_{618}\ \Phi_{309}\ \Phi_{206}$
131507	1734	1455	$\frac{2}{291}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}^2\ \Phi_{97}^2\ \Phi_5\ \Phi_1^2$
131508	1734	2160	$\frac{1}{144}$	$\frac{1}{5}$	$\frac{143}{432}$	$\frac{2}{5}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}^2\ \Phi_{270}\ \Phi_{216}^2\ \Phi_{135}\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_5\ \Phi_1^2$
131509	1734	1460	$\frac{3}{292}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1460}\ \Phi_{730}\ \Phi_{365}\ \Phi_{292}^2\ \Phi_{146}^2\ \Phi_{73}^2\ \Phi_5\ \Phi_1^2$
131510	1734	1920	$\frac{1}{96}$	$\frac{1}{5}$	$\frac{95}{384}$	$\frac{2}{5}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{384}^2\ \Phi_{320}\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_5\ \Phi_1^2$
131511	1734	360	$\frac{1}{72}$	$\frac{71}{360}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^5\ \Phi_{72}^4\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{40}^5\ \Phi_{36}^4\ \Phi_{30}^5\ \Phi_{24}^4\ \Phi_{20}^5\ \Phi_{18}^4\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^6\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^6$
131512	1734	1470	$\frac{5}{294}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}\ \Phi_{294}^2\ \Phi_{245}\ \Phi_{210}\ \Phi_{147}^2\ \Phi_{105}\ \Phi_{98}^2\ \Phi_{70}\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
131513	1734	260	$\frac{1}{52}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{260}^7\ \Phi_{130}^7\ \Phi_{65}^7\ \Phi_{52}^6\ \Phi_{26}^6\ \Phi_{20}^5\ \Phi_{13}^6\ \Phi_{10}^5\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
131514	1734	1680	$\frac{1}{48}$	$\frac{47}{336}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}^2\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{112}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
131515	1734	1480	$\frac{7}{296}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1480}\ \Phi_{740}\ \Phi_{370}\ \Phi_{296}^2\ \Phi_{185}\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_5\ \Phi_1^2$
131516	1734	1485	$\frac{8}{297}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}^2\ \Phi_{165}\ \Phi_{135}\ \Phi_{99}^2\ \Phi_{55}\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
131517	1734	1620	$\frac{1}{36}$	$\frac{35}{324}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}^2\ \Phi_{270}\ \Phi_{162}^2\ \Phi_{135}\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_5\ \Phi_1^2$
131518	1734	320	$\frac{1}{32}$	$\frac{31}{320}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{320}^6\ \Phi_{160}^5\ \Phi_{80}^5\ \Phi_{64}^6\ \Phi_{40}^5\ \Phi_{32}^4\ \Phi_{20}^5\ \Phi_{16}^4\ \Phi_{10}^5\ \Phi_8^4\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
131519	1734	300	$\frac{11}{300}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^6\ \Phi_{75}^6\ \Phi_{60}^5\ \Phi_{50}^6\ \Phi_{30}^5\ \Phi_{25}^6\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^6\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^6$
131520	1734	1560	$\frac{1}{24}$	$\frac{23}{312}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}^2\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{130}\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_5\ \Phi_1^2$
131521	1734	1520	$\frac{15}{304}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{304}^2\ \Phi_{190}\ \Phi_{152}^2\ \Phi_{95}\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_5\ \Phi_1^2$
131522	1734	90	$\frac{1}{18}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{90}^{16}\ \Phi_{45}^{16}\ \Phi_{30}^{16}\ \Phi_{18}^{32}\ \Phi_{15}^{16}\ \Phi_{10}^{16}\ \Phi_9^{32}\ \Phi_6^{32}\ \Phi_5^{17}\ \Phi_3^{32}\ \Phi_2^{32}\ \Phi_1^{34}$
131523	1734	364	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{364}^5\ \Phi_{182}^5\ \Phi_{91}^5\ \Phi_{52}^4\ \Phi_{28}^3\ \Phi_{26}^4\ \Phi_{14}^5\ \Phi_{13}^4\ \Phi_7^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
131524	1734	3248	$\frac{1}{58}$	$\frac{1}{7}$	$\frac{57}{232}$	$\frac{175}{464}$	$\Phi_{3248}\ \Phi_{406}\ \Phi_{203}\ \Phi_{112}\ \Phi_{14}$
131525	1734	2616	$\frac{5}{872}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2616}\ \Phi_{1308}\ \Phi_{654}\ \Phi_{327}\ \Phi_{12}\ \Phi_6$
131526	1734	280	$\frac{1}{35}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^6\ \Phi_{140}^7\ \Phi_{70}^7\ \Phi_{56}^5\ \Phi_{40}^6\ \Phi_{35}^6\ \Phi_{28}^6\ \Phi_{20}^7\ \Phi_{14}^6\ \Phi_{10}^7\ \Phi_8^6\ \Phi_7^5\ \Phi_5^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
131527	1734	910	$\frac{1}{35}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{910}^3\ \Phi_{455}\ \Phi_{182}^3\ \Phi_{130}^3\ \Phi_{91}\ \Phi_{70}^3\ \Phi_{65}\ \Phi_{14}^3\ \Phi_{10}^3$
131528	1734	1733	$\frac{67}{1733}$	$\frac{98}{1733}$	$\frac{545}{1733}$	$\frac{594}{1733}$	$\Phi_{1733}\ \Phi_1^2$
131529	1734	1854	$\frac{4}{103}$	$\frac{1}{18}$	$\frac{33}{103}$	$\frac{35}{103}$	$\Phi_{1854}\ \Phi_{927}\ \Phi_{618}\ \Phi_{309}\ \Phi_{206}$
131530	1734	1302	$\frac{1}{217}$	$\frac{72}{217}$	$\frac{1}{3}$	$\frac{145}{434}$	$\Phi_{1302}^3\ \Phi_{651}\ \Phi_{186}^3\ \Phi_{93}\ \Phi_{42}^3\ \Phi_{21}\ \Phi_6^3$
131531	1734	1164	$\frac{2}{291}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1164}^2\ \Phi_{582}^2\ \Phi_{388}^2\ \Phi_{194}^2\ \Phi_{12}\ \Phi_6$
131532	1734	432	$\frac{1}{144}$	$\frac{1}{4}$	$\frac{143}{432}$	$\frac{1}{3}$	$\Phi_{432}^6\ \Phi_{216}^6\ \Phi_{108}^6\ \Phi_{54}^6\ \Phi_{27}^6\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
131533	1734	372	$\frac{1}{124}$	$\frac{83}{372}$	$\frac{41}{124}$	$\frac{1}{3}$	$\Phi_{372}^4\ \Phi_{186}^4\ \Phi_{124}^6\ \Phi_{93}^4\ \Phi_{62}^6\ \Phi_{31}^6\ \Phi_{12}^4\ \Phi_{6}^4\ \Phi_{4}^6\ \Phi_{3}^3\ \Phi_{2}^6\ \Phi_{1}^6$
131534	1734	930	$\frac{1}{31}$	$\frac{21}{310}$	$\frac{10}{31}$	$\frac{1}{3}$	$\Phi_{930}^3\ \Phi_{465}^3\ \Phi_{186}^3\ \Phi_{93}\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{6}^3$
131535	1734	924	$\frac{1}{28}$	$\frac{19}{308}$	$\frac{9}{28}$	$\frac{1}{3}$	$\Phi_{924}^3\ \Phi_{462}^3\ \Phi_{231}^3\ \Phi_{132}^3\ \Phi_{84}\ \Phi_{66}^3\ \Phi_{42}\ \Phi_{33}^3\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
131536	1734	450	$\frac{1}{25}$	$\frac{1}{18}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^2\ \Phi_{50}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{18}^6\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_{9}^6\ \Phi_{6}^6\ \Phi_{5}^4\ \Phi_{3}^3\ \Phi_{2}^6\ \Phi_{1}^6$
131537	1734	372	$\frac{5}{124}$	$\frac{7}{124}$	$\frac{39}{124}$	$\frac{1}{3}$	$\Phi_{372}^7\ \Phi_{186}^7\ \Phi_{93}^7\ \Phi_{12}^7\ \Phi_{6}^7\ \Phi_{3}^6$
131538	1734	420	$\frac{1}{28}$	$\frac{9}{140}$	$\frac{131}{420}$	$\frac{1}{3}$	$\Phi_{420}^3\ \Phi_{210}^3\ \Phi_{140}^6\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{70}^6\ \Phi_{60}^3\ \Phi_{42}^4\ \Phi_{35}^6\ \Phi_{30}^3\ \Phi_{28}^6\ \Phi_{21}^4\ \Phi_{20}^6\ \Phi_{15}^3\ \Phi_{14}^6\ \Phi_{12}^4\ \Phi_{10}^6\ \Phi_{7}^6\ \Phi_{6}^4\ \Phi_{5}^6\ \Phi_{4}^6\ \Phi_{3}^3\ \Phi_{2}^6\ \Phi_{1}^6$
131539	1734	312	$\frac{1}{52}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{312}^4\ \Phi_{156}^5\ \Phi_{104}^8\ \Phi_{78}^5\ \Phi_{52}^8\ \Phi_{39}^5\ \Phi_{26}^8\ \Phi_{24}^3\ \Phi_{13}^8\ \Phi_{12}^4\ \Phi_{8}^6\ \Phi_{6}^4\ \Phi_{4}^6\ \Phi_{3}^3\ \Phi_{2}^6\ \Phi_{1}^6$
131540	1734	294	$\frac{5}{294}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{294}^6\ \Phi_{147}^6\ \Phi_{98}^6\ \Phi_{49}^6\ \Phi_{42}^6\ \Phi_{21}^4\ \Phi_{14}^6\ \Phi_{7}^6\ \Phi_{6}^6\ \Phi_{3}^3\ \Phi_{2}^6\ \Phi_{1}^6$
131541	1734	876	$\frac{3}{292}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{876}^3\ \Phi_{438}^3\ \Phi_{219}^3\ \Phi_{12}\ \Phi_{6}$
131542	1734	384	$\frac{1}{96}$	$\frac{95}{384}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{384}^6\ \Phi_{192}^6\ \Phi_{128}^6\ \Phi_{64}^6\ \Phi_{12}\ \Phi_{6}$
131543	1734	2340	$\frac{7}{585}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{468}\ \Phi_{390}\ \Phi_{260}\ \Phi_{234}\ \Phi_{180}\ \Phi_{156}\ \Phi_{130}\ \Phi_{90}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}\ \Phi_{30}\ \Phi_{26}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
131544	1734	360	$\frac{1}{72}$	$\frac{71}{360}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^6\ \Phi_{90}^6\ \Phi_{60}^6\ \Phi_{45}^6\ \Phi_{40}^6\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{12}\ \Phi_{10}^6\ \Phi_{6}\ \Phi_{5}^6$
131545	1734	2640	$\frac{13}{880}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
131546	1734	588	$\frac{5}{294}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}^4\ \Phi_{294}^2\ \Phi_{196}^4\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{84}^4\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{7}^2\ \Phi_{6}$
131547	1734	780	$\frac{1}{52}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^4\ \Phi_{390}^4\ \Phi_{195}^4\ \Phi_{156}\ \Phi_{78}\ \Phi_{60}^3\ \Phi_{39}\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}\ \Phi_{6}$
131548	1734	336	$\frac{1}{48}$	$\frac{47}{336}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{84}^6\ \Phi_{56}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{12}\ \Phi_{7}^6\ \Phi_{6}$
131549	1734	888	$\frac{7}{296}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{888}^3\ \Phi_{444}^3\ \Phi_{222}^3\ \Phi_{111}^3\ \Phi_{12}\ \Phi_{6}$
131550	1734	1188	$\frac{8}{297}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{12}\ \Phi_{6}$
131551	1734	324	$\frac{1}{36}$	$\frac{35}{324}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{324}^6\ \Phi_{162}^6\ \Phi_{108}^6\ \Phi_{81}^6\ \Phi_{54}^6\ \Phi_{27}^6\ \Phi_{12}\ \Phi_{6}$
131552	1734	960	$\frac{1}{32}$	$\frac{31}{320}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{960}^3\ \Phi_{480}^3\ \Phi_{240}^3\ \Phi_{192}^3\ \Phi_{120}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}\ \Phi_{6}$
131553	1734	2688	$\frac{29}{896}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
131554	1734	300	$\frac{11}{300}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^6\ \Phi_{75}^6\ \Phi_{60}^6\ \Phi_{50}^6\ \Phi_{30}^6\ \Phi_{25}^6\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{12}\ \Phi_{10}^6\ \Phi_{6}\ \Phi_{5}^6$
131555	1734	312	$\frac{1}{24}$	$\frac{23}{312}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{312}^6\ \Phi_{156}^6\ \Phi_{104}^6\ \Phi_{78}^6\ \Phi_{52}^6\ \Phi_{39}^6\ \Phi_{26}^6\ \Phi_{13}^6\ \Phi_{12}\ \Phi_{6}$
131556	1734	912	$\frac{15}{304}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{912}^3\ \Phi_{456}^3\ \Phi_{228}^3\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{12}\ \Phi_{6}$
131557	1734	36	$\frac{1}{18}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{36}^{64}\ \Phi_{18}^{32}\ \Phi_{12}^{65}\ \Phi_{9}^{32}\ \Phi_{6}^{33}\ \Phi_{4}^{64}\ \Phi_{3}^{32}\ \Phi_{2}^{32}\ \Phi_{1}^{32}$
131558	1734	3444	$\frac{6}{287}$	$\frac{1}{7}$	$\frac{281}{1148}$	$\frac{1}{3}$	$\Phi_{3444}\ \Phi_{1722}\ \Phi_{492}\ \Phi_{246}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
131559	1734	3360	$\frac{1}{28}$	$\frac{27}{280}$	$\frac{253}{1120}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{672}\ \Phi_{480}\ \Phi_{336}\ \Phi_{240}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
131560	1734	372	$\frac{1}{31}$	$\frac{10}{93}$	$\frac{83}{372}$	$\frac{1}{3}$	$\Phi_{372}^6\ \Phi_{186}^6\ \Phi_{124}^6\ \Phi_{93}\ \Phi_{62}^6\ \Phi_{12}^6\ \Phi_{6}^6\ \Phi_{4}^6\ \Phi_{2}^6$
131561	1734	990	$\frac{1}{18}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
131562	1734	2940	$\frac{1}{28}$	$\frac{113}{980}$	$\frac{27}{140}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{735}\ \Phi_{588}\ \Phi_{294}\ \Phi_{147}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
131563	1734	336	$\frac{1}{28}$	$\frac{47}{336}$	$\frac{9}{56}$	$\frac{1}{3}$	$\Phi_{336}^6\ \Phi_{168}^3\ \Phi_{112}^6\ \Phi_{84}^4\ \Phi_{56}^6\ \Phi_{48}^6\ \Phi_{42}^4\ \Phi_{28}^6\ \Phi_{24}^3\ \Phi_{21}^4\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_{12}^4\ \Phi_{8}^6\ \Phi_{7}^6\ \Phi_{6}^4\ \Phi_{4}^6\ \Phi_{3}^3\ \Phi_{2}^6\ \Phi_{1}^6$
131564	1734	180	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{3}$	$\Phi_{180}^{12}\ \Phi_{90}^8\ \Phi_{60}^9\ \Phi_{45}^8\ \Phi_{36}^{12}\ \Phi_{30}^6\ \Phi_{20}^{12}\ \Phi_{18}^{10}\ \Phi_{15}^6\ \Phi_{12}^9\ \Phi_{10}^8\ \Phi_{9}^{10}\ \Phi_{6}^8\ \Phi_{5}^8\ \Phi_{4}^{12}\ \Phi_{3}^7\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
131565	1734	2424	$\frac{2}{101}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{33}{101}$	$\Phi_{2424}\ \Phi_{1212}\ \Phi_{606}\ \Phi_{303}\ \Phi_{101}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
131566	1734	2020	$\frac{2}{101}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{33}{101}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{505}\ \Phi_{101}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
131567	1734	2436	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{59}{348}$	$\frac{28}{87}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{812}\ \Phi_{406}\ \Phi_{203}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}$
131568	1734	550	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{8}{25}$	$\Phi_{550}^4\ \Phi_{275}^2\ \Phi_{110}^4\ \Phi_{55}^2\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{22}^6\ \Phi_{11}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^6\ \Phi_1^6$
131569	1734	420	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{131}{420}$	$\Phi_{420}^6\ \Phi_{210}^6\ \Phi_{105}^6\ \Phi_{84}^6\ \Phi_{70}\ \Phi_{60}^6\ \Phi_{42}^6\ \Phi_{35}\ \Phi_{30}^6\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_{14}\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^6$
131570	1734	840	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{168}^3\ \Phi_{140}\ \Phi_{120}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{30}^3\ \Phi_{28}\ \Phi_{21}^3\ \Phi_{20}\ \Phi_{15}^3\ \Phi_{14}\ \Phi_{10}$
131571	1734	2424	$\frac{5}{101}$	$\frac{1}{8}$	$\frac{16}{101}$	$\frac{7}{24}$	$\Phi_{2424}\ \Phi_{1212}\ \Phi_{606}\ \Phi_{303}\ \Phi_{101}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
131572	1734	504	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^3\ \Phi_{126}^5\ \Phi_{84}^3\ \Phi_{63}^5\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{14}^5\ \Phi_7^4$
131573	1734	2340	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{260}\ \Phi_{234}\ \Phi_{180}\ \Phi_{130}\ \Phi_{117}\ \Phi_{90}\ \Phi_{65}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}$
131574	1734	2100	$\frac{11}{300}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{140}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
131575	1734	140	$\frac{1}{35}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^{13}\ \Phi_{70}^{13}\ \Phi_{35}^{12}\ \Phi_{28}^{13}\ \Phi_{20}^{10}\ \Phi_{14}^{13}\ \Phi_{10}^{10}\ \Phi_7^{12}\ \Phi_5^9\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
131576	1734	396	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{396}^6\ \Phi_{198}^3\ \Phi_{132}^6\ \Phi_{99}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{36}^8\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}^4\ \Phi_{12}^8\ \Phi_{11}\ \Phi_9^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^2$
131577	1734	2240	$\frac{1}{35}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
131578	1734	2020	$\frac{5}{101}$	$\frac{3}{20}$	$\frac{16}{101}$	$\frac{1}{4}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{505}\ \Phi_{101}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
131579	1734	1260	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}^2\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
131580	1734	2660	$\frac{4}{95}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{91}{380}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{532}\ \Phi_{266}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
131581	1734	110	$\frac{4}{55}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{22}$	$\Phi_{110}^{20}\ \Phi_{55}^{11}\ \Phi_{22}^{22}\ \Phi_{11}^{12}\ \Phi_{10}^{20}\ \Phi_5^{10}\ \Phi_2^{22}\ \Phi_1^{12}$
131582	1734	220	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{5}{22}$	$\Phi_{220}^9\ \Phi_{110}^6\ \Phi_{55}^6\ \Phi_{44}^9\ \Phi_{22}^8\ \Phi_{20}^{12}\ \Phi_{11}^7\ \Phi_{10}^8\ \Phi_5^8\ \Phi_4^{12}\ \Phi_2^{10}\ \Phi_1^{10}$
131583	1734	2240	$\frac{31}{320}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{40}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
131584	1734	350	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{7}$	$\frac{61}{350}$	$\Phi_{350}^6\ \Phi_{175}^6\ \Phi_{70}\ \Phi_{50}^6\ \Phi_{35}\ \Phi_{25}^6\ \Phi_{14}$
131585	1735	1384	$\frac{1}{346}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{345}{692}$	$\Phi_{1384}^2\ \Phi_{692}\ \Phi_8^3\ \Phi_4\ \Phi_1$
131586	1735	2316	$\frac{2}{579}$	$\frac{581}{2316}$	$\frac{1}{3}$	$\frac{577}{1158}$	$\Phi_{2316}\ \Phi_{772}\ \Phi_{579}\ \Phi_{193}\ \Phi_{12}\ \Phi_4\ \Phi_1$
131587	1735	3456	$\frac{7}{1728}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1721}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{12}\ \Phi_4\ \Phi_1$
131588	1735	3456	$\frac{7}{1728}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1721}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_9\ \Phi_1$
131589	1735	690	$\frac{2}{345}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{343}{690}$	$\Phi_{690}^2\ \Phi_{345}^3\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{115}^3\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{30}^2\ \Phi_{23}^3\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
131590	1735	1392	$\frac{1}{116}$	$\frac{1}{6}$	$\frac{117}{464}$	$\frac{115}{232}$	$\Phi_{1392}^2\ \Phi_{464}\ \Phi_{348}^2\ \Phi_{174}^2\ \Phi_{116}\ \Phi_{87}^2\ \Phi_{58}\ \Phi_{48}^2\ \Phi_{29}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
131591	1735	2064	$\frac{3}{344}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{341}{688}$	$\Phi_{2064}^2\ \Phi_{688}\ \Phi_{48}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
131592	1735	3264	$\frac{1}{102}$	$\frac{103}{1632}$	$\frac{1529}{3264}$	$\frac{101}{204}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{204}\ \Phi_{192}\ \Phi_{68}\ \Phi_{64}\ \Phi_{12}\ \Phi_4\ \Phi_1$
131593	1735	2448	$\frac{1}{102}$	$\frac{103}{816}$	$\frac{713}{2448}$	$\frac{101}{204}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{144}\ \Phi_{72}\ \Phi_{68}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
131594	1735	408	$\frac{1}{102}$	$\frac{61}{408}$	$\frac{103}{408}$	$\frac{101}{204}$	$\Phi_{408}^4\ \Phi_{204}^5\ \Phi_{136}^4\ \Phi_{102}^4\ \Phi_{68}^5\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{24}^4\ \Phi_{17}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
131595	1735	2088	$\frac{5}{348}$	$\frac{1}{6}$	$\frac{353}{2088}$	$\frac{343}{696}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{522}\ \Phi_{348}\ \Phi_{261}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{72}\ \Phi_{58}\ \Phi_{36}\ \Phi_{29}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
131596	1735	684	$\frac{5}{342}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{337}{684}$	$\Phi_{684}^5\ \Phi_{228}^5\ \Phi_{76}^5\ \Phi_{36}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
131597	1735	680	$\frac{7}{340}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{333}{680}$	$\Phi_{680}^5\ \Phi_{136}^5\ \Phi_{68}\ \Phi_{40}^5\ \Phi_8^5\ \Phi_4\ \Phi_1$
131598	1735	680	$\frac{7}{340}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{333}{680}$	$\Phi_{680}^5\ \Phi_{136}^5\ \Phi_{40}^5\ \Phi_{17}^2\ \Phi_8^5\ \Phi_1^3$
131599	1735	408	$\frac{1}{34}$	$\frac{7}{68}$	$\frac{61}{408}$	$\frac{33}{68}$	$\Phi_{408}^5\ \Phi_{204}^5\ \Phi_{136}^5\ \Phi_{102}^5\ \Phi_{68}\ \Phi_{51}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^5\ \Phi_4\ \Phi_3^5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
131600	1735	672	$\frac{11}{336}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{325}{672}$	$\Phi_{672}^5\ \Phi_{224}^5\ \Phi_{96}^5\ \Phi_{32}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
131601	1735	3264	$\frac{1}{34}$	$\frac{103}{1632}$	$\frac{33}{136}$	$\frac{1529}{3264}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{192}\ \Phi_{136}\ \Phi_{68}\ \Phi_{64}\ \Phi_8\ \Phi_4\ \Phi_1$
131602	1735	360	$\frac{13}{360}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^5\ \Phi_{72}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{40}^5\ \Phi_{36}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{18}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
131603	1735	1914	$\frac{1}{29}$	$\frac{28}{319}$	$\frac{1}{6}$	$\frac{291}{638}$	$\Phi_{1914}\ \Phi_{957}\ \Phi_{319}\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{66}\ \Phi_{58}\ \Phi_{33}\ \Phi_{29}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
131604	1735	3132	$\frac{5}{174}$	$\frac{169}{1566}$	$\frac{1}{6}$	$\frac{1397}{3132}$	$\Phi_{3132}\ \Phi_{1044}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{108}\ \Phi_{87}\ \Phi_{58}\ \Phi_{36}\ \Phi_{29}\ \Phi_{12}\ \Phi_4\ \Phi_1$
131605	1735	612	$\frac{1}{102}$	$\frac{41}{306}$	$\frac{101}{306}$	$\frac{265}{612}$	$\Phi_{612}^5\ \Phi_{306}\ \Phi_{204}^5\ \Phi_{153}\ \Phi_{68}^5\ \Phi_{36}^5\ \Phi_{18}\ \Phi_{12}^5\ \Phi_9\ \Phi_4^5\ \Phi_1$
131606	1735	612	$\frac{1}{51}$	$\frac{41}{306}$	$\frac{10}{51}$	$\frac{265}{612}$	$\Phi_{612}^5\ \Phi_{204}^5\ \Phi_{68}^5\ \Phi_{51}^4\ \Phi_{36}^5\ \Phi_{17}^4\ \Phi_{12}^5\ \Phi_4^5\ \Phi_3^4\ \Phi_1^5$
131607	1735	2142	$\frac{1}{51}$	$\frac{50}{357}$	$\frac{407}{2142}$	$\frac{307}{714}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{357}\ \Phi_{306}\ \Phi_{153}\ \Phi_{126}\ \Phi_{119}\ \Phi_{63}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_1$
131608	1735	2448	$\frac{1}{102}$	$\frac{101}{612}$	$\frac{713}{2448}$	$\frac{511}{1224}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{612}\ \Phi_{306}\ \Phi_{272}\ \Phi_{204}\ \Phi_{153}\ \Phi_{144}\ \Phi_{68}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
131609	1735	2592	$\frac{7}{864}$	$\frac{1}{6}$	$\frac{857}{2592}$	$\frac{5}{12}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{12}\ \Phi_4\ \Phi_1$
131610	1735	1752	$\frac{17}{1752}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1752}\ \Phi_{876}\ \Phi_{584}\ \Phi_{438}\ \Phi_{292}\ \Phi_{219}\ \Phi_{146}\ \Phi_{73}\ \Phi_{12}\ \Phi_4\ \Phi_1$
131611	1735	2304	$\frac{7}{576}$	$\frac{1}{6}$	$\frac{569}{2304}$	$\frac{5}{12}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{12}\ \Phi_4\ \Phi_1$
131612	1735	432	$\frac{7}{432}$	$\frac{1}{6}$	$\frac{85}{432}$	$\frac{5}{12}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
131613	1735	1764	$\frac{29}{1764}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{84}\ \Phi_{63}\ \Phi_{49}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
131614	1735	1776	$\frac{41}{1776}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{592}\ \Phi_{444}\ \Phi_{296}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{12}\ \Phi_4\ \Phi_1$
131615	1735	2016	$\frac{7}{288}$	$\frac{281}{2016}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
131616	1735	1944	$\frac{7}{216}$	$\frac{209}{1944}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{12}\ \Phi_4\ \Phi_1$
131617	1735	360	$\frac{13}{360}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^5\ \Phi_{72}^4\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{40}^5\ \Phi_{36}^4\ \Phi_{30}^5\ \Phi_{24}^4\ \Phi_{20}^5\ \Phi_{18}^4\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
131618	1735	384	$\frac{7}{192}$	$\frac{37}{384}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{384}^5\ \Phi_{192}^4\ \Phi_{128}^5\ \Phi_{96}^4\ \Phi_{64}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
131619	1735	1872	$\frac{7}{144}$	$\frac{137}{1872}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
131620	1735	1824	$\frac{89}{1824}$	$\frac{7}{96}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{12}\ \Phi_4\ \Phi_1$
131621	1735	1836	$\frac{101}{1836}$	$\frac{7}{108}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
131622	1735	357	$\frac{10}{357}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{357}^5\ \Phi_{119}^5\ \Phi_{51}^5\ \Phi_{21}^5\ \Phi_{17}^2\ \Phi_7^5\ \Phi_3^5\ \Phi_1^3$
131623	1735	408	$\frac{1}{51}$	$\frac{61}{408}$	$\frac{10}{51}$	$\frac{41}{102}$	$\Phi_{408}^5\ \Phi_{204}^5\ \Phi_{136}^5\ \Phi_{68}^5\ \Phi_{51}^4\ \Phi_{24}^5\ \Phi_{17}^4\ \Phi_{12}^5\ \Phi_8^5\ \Phi_4^5\ \Phi_3^4\ \Phi_1^5$
131624	1735	1740	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{57}{290}$	$\frac{233}{580}$	$\Phi_{1740}^2\ \Phi_{580}\ \Phi_{348}^2\ \Phi_{174}^2\ \Phi_{116}\ \Phi_{87}^2\ \Phi_{60}^2\ \Phi_{58}\ \Phi_{29}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
131625	1735	2856	$\frac{1}{51}$	$\frac{50}{357}$	$\frac{307}{1428}$	$\frac{1121}{2856}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{357}\ \Phi_{168}\ \Phi_{136}\ \Phi_{119}\ \Phi_{56}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$
131626	1735	1746	$\frac{11}{1746}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1746}\ \Phi_{873}\ \Phi_{582}\ \Phi_{291}\ \Phi_{194}\ \Phi_{97}\ \Phi_9\ \Phi_1$
131627	1735	1904	$\frac{1}{34}$	$\frac{169}{1904}$	$\frac{33}{136}$	$\frac{103}{272}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{112}\ \Phi_{68}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
131628	1735	2784	$\frac{5}{348}$	$\frac{1}{6}$	$\frac{343}{1392}$	$\frac{1049}{2784}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{96}\ \Phi_{87}\ \Phi_{58}\ \Phi_{32}\ \Phi_{29}\ \Phi_{12}\ \Phi_4\ \Phi_1$
131629	1735	4152	$\frac{1}{173}$	$\frac{1}{4}$	$\frac{172}{519}$	$\frac{3}{8}$	$\Phi_{4152}\ \Phi_{519}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
131630	1735	1056	$\frac{5}{352}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}\ \Phi_{264}^2\ \Phi_{176}\ \Phi_{132}^2\ \Phi_{96}^2\ \Phi_{88}\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
131631	1735	2652	$\frac{1}{34}$	$\frac{33}{442}$	$\frac{409}{1326}$	$\frac{917}{2652}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{442}\ \Phi_{221}\ \Phi_{204}\ \Phi_{156}\ \Phi_{68}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
131632	1735	522	$\frac{1}{87}$	$\frac{1}{6}$	$\frac{86}{261}$	$\frac{175}{522}$	$\Phi_{522}^2\ \Phi_{261}^3\ \Phi_{174}^5\ \Phi_{87}^5\ \Phi_{58}^5\ \Phi_{29}^5\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
131633	1735	2592	$\frac{7}{864}$	$\frac{2}{9}$	$\frac{857}{2592}$	$\frac{1}{3}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_9\ \Phi_1$
131634	1735	351	$\frac{4}{351}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{351}^5\ \Phi_{117}^5\ \Phi_{39}^5\ \Phi_{27}^4\ \Phi_{13}^5\ \Phi_9^5\ \Phi_3^4\ \Phi_1^5$
131635	1735	2304	$\frac{7}{576}$	$\frac{2}{9}$	$\frac{569}{2304}$	$\frac{1}{3}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_9\ \Phi_1$
131636	1735	432	$\frac{7}{432}$	$\frac{85}{432}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_9^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
131637	1735	1764	$\frac{29}{1764}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{84}\ \Phi_{63}\ \Phi_{49}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
131638	1735	2016	$\frac{7}{288}$	$\frac{281}{2016}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
131639	1735	1782	$\frac{47}{1782}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{162}\ \Phi_{99}\ \Phi_{81}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_9\ \Phi_1$
131640	1735	1944	$\frac{7}{216}$	$\frac{209}{1944}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_9\ \Phi_1$
131641	1735	360	$\frac{13}{360}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^5\ \Phi_{72}^4\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{40}^5\ \Phi_{36}^4\ \Phi_{30}^5\ \Phi_{24}^4\ \Phi_{20}^5\ \Phi_{18}^4\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_9^5\ \Phi_8^4\ \Phi_6^4\ \Phi_5^5\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
131642	1735	1872	$\frac{7}{144}$	$\frac{137}{1872}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_9\ \Phi_1$
131643	1735	1836	$\frac{101}{1836}$	$\frac{7}{108}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_9\ \Phi_1$
131644	1735	414	$\frac{2}{69}$	$\frac{67}{414}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{414}^5\ \Phi_{207}^5\ \Phi_{138}^2\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{23}^3\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
131645	1735	360	$\frac{13}{360}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^5\ \Phi_{72}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{40}^5\ \Phi_{36}^5\ \Phi_{30}^2\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{18}^5\ \Phi_{15}^3\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_9^5\ \Phi_8^5\ \Phi_6^4\ \Phi_5^3\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
131646	1735	516	$\frac{3}{172}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{169}{516}$	$\Phi_{516}^3\ \Phi_{258}^3\ \Phi_{172}^4\ \Phi_{129}^3\ \Phi_{86}^4\ \Phi_{43}^4\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
131647	1735	2088	$\frac{5}{174}$	$\frac{1}{6}$	$\frac{353}{2088}$	$\frac{169}{522}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{72}\ \Phi_{58}\ \Phi_{36}\ \Phi_{29}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
131648	1735	510	$\frac{7}{170}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{163}{510}$	$\Phi_{510}^5\ \Phi_{255}^5\ \Phi_{102}^5\ \Phi_{51}^5\ \Phi_{30}^5\ \Phi_{17}^2\ \Phi_{15}^5\ \Phi_6^5\ \Phi_3^5\ \Phi_1^3$
131649	1735	504	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{157}{504}$	$\Phi_{504}^5\ \Phi_{252}^5\ \Phi_{126}^5\ \Phi_{72}^5\ \Phi_{63}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
131650	1735	2448	$\frac{1}{34}$	$\frac{103}{816}$	$\frac{33}{136}$	$\frac{713}{2448}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{144}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
131651	1735	360	$\frac{13}{360}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^5\ \Phi_{72}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{40}^5\ \Phi_{36}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
131652	1735	459	$\frac{1}{51}$	$\frac{10}{51}$	$\frac{112}{459}$	$\frac{41}{153}$	$\Phi_{459}^5\ \Phi_{51}^4\ \Phi_{27}^5\ \Phi_{17}^4\ \Phi_3^4\ \Phi_1^5$
131653	1735	408	$\frac{1}{34}$	$\frac{61}{408}$	$\frac{33}{136}$	$\frac{103}{408}$	$\Phi_{408}^4\ \Phi_{204}^4\ \Phi_{136}^5\ \Phi_{102}^4\ \Phi_{68}^5\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{24}^4\ \Phi_{17}^4\ \Phi_{12}^4\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
131654	1735	2176	$\frac{1}{34}$	$\frac{103}{544}$	$\frac{441}{2176}$	$\frac{33}{136}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{136}\ \Phi_{128}\ \Phi_{68}\ \Phi_{64}\ \Phi_8\ \Phi_4\ \Phi_1$
131655	1735	456	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{109}{456}$	$\Phi_{456}^5\ \Phi_{228}^5\ \Phi_{152}^5\ \Phi_{76}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
131656	1735	384	$\frac{1}{12}$	$\frac{37}{384}$	$\frac{1}{6}$	$\frac{11}{48}$	$\Phi_{384}^5\ \Phi_{192}^5\ \Phi_{128}^5\ \Phi_{96}^5\ \Phi_{64}^5\ \Phi_{32}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
131657	1735	374	$\frac{27}{374}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{34}$	$\Phi_{374}^5\ \Phi_{187}^5\ \Phi_{22}^5\ \Phi_{17}^2\ \Phi_{11}^5\ \Phi_1^3$
131658	1735	425	$\frac{7}{85}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{78}{425}$	$\Phi_{425}^5\ \Phi_{25}^5\ \Phi_{17}^2\ \Phi_1^3$
131659	1735	408	$\frac{7}{68}$	$\frac{2}{17}$	$\frac{61}{408}$	$\frac{3}{17}$	$\Phi_{408}^5\ \Phi_{204}^5\ \Phi_{136}^5\ \Phi_{102}^5\ \Phi_{51}^5\ \Phi_{24}^5\ \Phi_{17}^2\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^5\ \Phi_3^5\ \Phi_1^3$
131660	1735	420	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{6}$	$\frac{73}{420}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^5\ \Phi_{105}^5\ \Phi_{70}^5\ \Phi_{60}^5\ \Phi_{35}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
131661	1736	1299	$\frac{1}{433}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{216}{433}$	$\Phi_{1299}\ \Phi_{433}^2\ \Phi_3^2\ \Phi_1^4$
131662	1736	347	$\frac{1}{347}$	$\frac{87}{347}$	$\frac{130}{347}$	$\frac{173}{347}$	$\Phi_{347}^5\ \Phi_1^6$
131663	1736	2607	$\frac{3}{869}$	$\frac{218}{869}$	$\frac{1}{3}$	$\frac{433}{869}$	$\Phi_{2607}\ \Phi_{237}\ \Phi_{33}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
131664	1736	865	$\frac{3}{865}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{431}{865}$	$\Phi_{865}^2\ \Phi_{173}^2\ \Phi_5^3\ \Phi_1^4$
131665	1736	2964	$\frac{1}{247}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{123}{247}$	$\Phi_{2964}\ \Phi_{988}\ \Phi_{247}\ \Phi_{228}\ \Phi_{156}\ \Phi_{76}\ \Phi_{52}\ \Phi_{19}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
131666	1736	2223	$\frac{1}{247}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{123}{247}$	$\Phi_{2223}\ \Phi_{247}\ \Phi_{171}\ \Phi_{117}\ \Phi_{19}\ \Phi_{13}\ \Phi_9^2\ \Phi_1^2$
131667	1736	3024	$\frac{1}{216}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{215}{432}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}^2\ \Phi_{336}\ \Phi_{144}^2\ \Phi_{112}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_7\ \Phi_1^2$
131668	1736	2160	$\frac{1}{216}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{215}{432}$	$\Phi_{2160}^2\ \Phi_{720}^2\ \Phi_{240}^2\ \Phi_{80}^2\ \Phi_{15}$
131669	1736	1725	$\frac{11}{1725}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{857}{1725}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{345}\ \Phi_{115}\ \Phi_{75}\ \Phi_{69}\ \Phi_{25}\ \Phi_{23}\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
131670	1736	290	$\frac{1}{145}$	$\frac{1}{5}$	$\frac{73}{290}$	$\frac{72}{145}$	$\Phi_{290}^8\ \Phi_{145}^4\ \Phi_{58}^8\ \Phi_{29}^4\ \Phi_{10}^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
131671	1736	1599	$\frac{1}{123}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{61}{123}$	$\Phi_{1599}\ \Phi_{533}\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_{39}\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
131672	1736	984	$\frac{1}{123}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{61}{123}$	$\Phi_{984}^2\ \Phi_{492}^2\ \Phi_{328}^2\ \Phi_{246}^2\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
131673	1736	347	$\frac{3}{347}$	$\frac{25}{347}$	$\frac{161}{347}$	$\frac{172}{347}$	$\Phi_{347}^5\ \Phi_1^6$
131674	1736	430	$\frac{2}{215}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{213}{430}$	$\Phi_{430}^8\ \Phi_{86}^8\ \Phi_{10}^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
131675	1736	1305	$\frac{1}{87}$	$\frac{44}{261}$	$\frac{1}{5}$	$\frac{43}{87}$	$\Phi_{1305}^2\ \Phi_{435}\ \Phi_{145}\ \Phi_{45}^2\ \Phi_{15}$
131676	1736	429	$\frac{5}{429}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{212}{429}$	$\Phi_{429}^4\ \Phi_{143}^4\ \Phi_{39}^4\ \Phi_{33}^5\ \Phi_{13}^4\ \Phi_{11}^4\ \Phi_3^4\ \Phi_1^4$
131677	1736	664	$\frac{1}{83}$	$\frac{1}{8}$	$\frac{21}{83}$	$\frac{41}{83}$	$\Phi_{664}^3\ \Phi_{332}^3\ \Phi_{166}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
131678	1736	237	$\frac{1}{79}$	$\frac{20}{237}$	$\frac{1}{3}$	$\frac{39}{79}$	$\Phi_{237}^7\ \Phi_{79}^8\ \Phi_3^6\ \Phi_1^8$
131679	1736	347	$\frac{5}{347}$	$\frac{37}{347}$	$\frac{88}{347}$	$\frac{171}{347}$	$\Phi_{347}^5\ \Phi_1^6$
131680	1736	2607	$\frac{13}{869}$	$\frac{63}{869}$	$\frac{1}{3}$	$\frac{428}{869}$	$\Phi_{2607}\ \Phi_{237}\ \Phi_{33}$
131681	1736	855	$\frac{13}{855}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{421}{855}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{171}^2\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{45}^2\ \Phi_{19}^2\ \Phi_{15}^4\ \Phi_9^2\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
131682	1736	1647	$\frac{1}{61}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{30}{61}$	$\Phi_{1647}\ \Phi_{549}\ \Phi_{183}\ \Phi_{61}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
131683	1736	915	$\frac{1}{61}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{30}{61}$	$\Phi_{915}^2\ \Phi_{305}^2\ \Phi_{183}\ \Phi_{61}^2\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
131684	1736	549	$\frac{1}{61}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{30}{61}$	$\Phi_{549}^3\ \Phi_{183}^3\ \Phi_{61}^4\ \Phi_9^6\ \Phi_3^6\ \Phi_1^8$
131685	1736	2440	$\frac{1}{61}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{30}{61}$	$\Phi_{2440}\ \Phi_{1220}\ \Phi_{610}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
131686	1736	1735	$\frac{29}{1735}$	$\frac{63}{1735}$	$\frac{836}{1735}$	$\frac{853}{1735}$	$\Phi_{1735}\ \Phi_{347}\ \Phi_5\ \Phi_1^2$
131687	1736	660	$\frac{1}{55}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{27}{55}$	$\Phi_{660}^5\ \Phi_{220}^5\ \Phi_{132}^5\ \Phi_{60}^6\ \Phi_{55}\ \Phi_{44}^5\ \Phi_{20}^6\ \Phi_{12}^6\ \Phi_{11}\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
131688	1736	165	$\frac{1}{55}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{27}{55}$	$\Phi_{165}^{10}\ \Phi_{55}^{11}\ \Phi_{33}^{11}\ \Phi_{15}^{10}\ \Phi_{11}^{12}\ \Phi_5^{11}\ \Phi_3^{10}\ \Phi_1^{12}$
131689	1736	495	$\frac{1}{55}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{27}{55}$	$\Phi_{495}^5\ \Phi_{99}^5\ \Phi_{55}\ \Phi_{45}^6\ \Phi_{11}\ \Phi_9^6\ \Phi_5\ \Phi_1^2$
131690	1736	440	$\frac{1}{55}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{27}{55}$	$\Phi_{440}^5\ \Phi_{220}^5\ \Phi_{88}^5\ \Phi_{55}\ \Phi_{44}^5\ \Phi_{40}^6\ \Phi_{20}^6\ \Phi_{11}\ \Phi_8^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
131691	1736	385	$\frac{1}{55}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{27}{55}$	$\Phi_{385}^5\ \Phi_{77}^5\ \Phi_{55}\ \Phi_{35}^6\ \Phi_{11}\ \Phi_7^6\ \Phi_5\ \Phi_1^2$
131692	1736	1980	$\frac{1}{55}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{27}{55}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{132}\ \Phi_{99}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
131693	1736	375	$\frac{3}{125}$	$\frac{1}{15}$	$\frac{32}{125}$	$\frac{61}{125}$	$\Phi_{375}^5\ \Phi_{125}^4\ \Phi_{75}^5\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
131694	1736	1735	$\frac{43}{1735}$	$\frac{127}{1735}$	$\frac{402}{1735}$	$\frac{846}{1735}$	$\Phi_{1735}\ \Phi_{347}\ \Phi_5\ \Phi_1^2$
131695	1736	1992	$\frac{7}{249}$	$\frac{1}{8}$	$\frac{32}{249}$	$\frac{121}{249}$	$\Phi_{1992}\ \Phi_{996}\ \Phi_{664}\ \Phi_{498}\ \Phi_{332}\ \Phi_{166}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
131696	1736	1735	$\frac{49}{1735}$	$\frac{216}{1735}$	$\frac{223}{1735}$	$\frac{843}{1735}$	$\Phi_{1735}\ \Phi_{347}\ \Phi_5\ \Phi_1^2$
131697	1736	435	$\frac{13}{435}$	$\frac{32}{435}$	$\frac{1}{5}$	$\frac{211}{435}$	$\Phi_{435}^4\ \Phi_{145}^4\ \Phi_{87}^4\ \Phi_{29}^4\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
131698	1736	1735	$\frac{53}{1735}$	$\frac{92}{1735}$	$\frac{447}{1735}$	$\frac{841}{1735}$	$\Phi_{1735}\ \Phi_{347}\ \Phi_5\ \Phi_1^2$
131699	1736	2607	$\frac{27}{869}$	$\frac{32}{869}$	$\frac{1}{3}$	$\frac{421}{869}$	$\Phi_{2607}\ \Phi_{237}\ \Phi_{33}$
131700	1736	1740	$\frac{1}{30}$	$\frac{1}{29}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{1740}^2\ \Phi_{580}^2\ \Phi_{348}^2\ \Phi_{116}^2\ \Phi_{87}$
131701	1736	660	$\frac{1}{30}$	$\frac{3}{55}$	$\frac{13}{55}$	$\frac{29}{60}$	$\Phi_{660}^5\ \Phi_{220}^5\ \Phi_{132}^5\ \Phi_{60}^6\ \Phi_{55}\ \Phi_{44}^5\ \Phi_{20}^6\ \Phi_{12}^6\ \Phi_{11}\ \Phi_5\ \Phi_4^6\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
131702	1736	60	$\frac{1}{30}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{29}{60}$	$\Phi_{60}^{56}\ \Phi_{20}^{56}\ \Phi_{15}^{4}\ \Phi_{12}^{56}\ \Phi_{5}^{3}\ \Phi_{4}^{56}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
131703	1736	660	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{29}{60}$	$\Phi_{660}^{5}\ \Phi_{220}^{5}\ \Phi_{132}^{5}\ \Phi_{60}^{6}\ \Phi_{44}^{5}\ \Phi_{33}^{2}\ \Phi_{20}^{6}\ \Phi_{12}^{6}\ \Phi_{11}\ \Phi_{4}^{6}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
131704	1736	660	$\frac{1}{30}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{29}{60}$	$\Phi_{660}^{5}\ \Phi_{220}^{5}\ \Phi_{132}^{5}\ \Phi_{60}^{6}\ \Phi_{55}\ \Phi_{44}^{5}\ \Phi_{20}^{6}\ \Phi_{12}^{6}\ \Phi_{11}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
131705	1736	360	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{29}{60}$	$\Phi_{360}^{6}\ \Phi_{180}^{3}\ \Phi_{120}^{4}\ \Phi_{90}^{6}\ \Phi_{72}^{7}\ \Phi_{60}^{2}\ \Phi_{45}^{6}\ \Phi_{40}^{4}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{5}\ \Phi_{20}^{2}$ $\Phi_{18}^{7}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{9}^{6}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{4}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
131706	1736	1160	$\frac{1}{29}$	$\frac{15}{232}$	$\frac{1}{5}$	$\frac{14}{29}$	$\Phi_{1160}^{2}\ \Phi_{580}^{2}\ \Phi_{290}^{2}\ \Phi_{145}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
131707	1736	864	$\frac{1}{32}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{864}^{2}\ \Phi_{432}^{2}\ \Phi_{288}^{2}\ \Phi_{216}^{2}\ \Phi_{144}^{2}\ \Phi_{108}^{3}\ \Phi_{96}^{2}\ \Phi_{72}^{2}\ \Phi_{54}^{3}\ \Phi_{48}^{2}\ \Phi_{36}^{2}$ $\Phi_{32}^{3}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
131708	1736	75	$\frac{1}{25}$	$\frac{1}{15}$	$\frac{13}{75}$	$\frac{12}{25}$	$\Phi_{75}^{23}\ \Phi_{25}^{24}\ \Phi_{15}^{22}\ \Phi_{5}^{23}\ \Phi_{3}^{22}\ \Phi_{1}^{24}$
131709	1736	1218	$\frac{1}{29}$	$\frac{1}{21}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{1218}^{2}\ \Phi_{609}\ \Phi_{406}^{2}\ \Phi_{203}\ \Phi_{174}^{2}\ \Phi_{87}\ \Phi_{58}^{2}$
131710	1736	608	$\frac{1}{32}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{608}^{3}\ \Phi_{304}^{3}\ \Phi_{152}^{3}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
131711	1736	225	$\frac{8}{225}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{225}^{8}\ \Phi_{75}^{8}\ \Phi_{45}^{8}\ \Phi_{25}^{8}\ \Phi_{15}^{4}\ \Phi_{9}^{8}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
131712	1736	290	$\frac{1}{29}$	$\frac{2}{29}$	$\frac{1}{5}$	$\frac{27}{58}$	$\Phi_{290}^{14}\ \Phi_{145}\ \Phi_{10}^{14}$
131713	1736	1735	$\frac{41}{1735}$	$\frac{121}{1735}$	$\frac{464}{1735}$	$\frac{807}{1735}$	$\Phi_{1735}\ \Phi_{347}\ \Phi_{5}\ \Phi_{1}^{2}$
131714	1736	2607	$\frac{15}{869}$	$\frac{61}{869}$	$\frac{1}{3}$	$\frac{404}{869}$	$\Phi_{2607}\ \Phi_{237}\ \Phi_{33}$
131715	1736	819	$\frac{1}{63}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{819}^{2}\ \Phi_{273}^{2}\ \Phi_{117}^{2}\ \Phi_{91}^{2}\ \Phi_{63}^{4}\ \Phi_{39}\ \Phi_{21}^{4}\ \Phi_{13}^{2}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
131716	1736	533	$\frac{1}{41}$	$\frac{1}{13}$	$\frac{10}{41}$	$\frac{6}{13}$	$\Phi_{533}^{3}\ \Phi_{41}^{6}\ \Phi_{13}^{4}\ \Phi_{1}^{8}$
131717	1736	2080	$\frac{1}{32}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{160}^{2}\ \Phi_{130}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
131718	1736	1595	$\frac{4}{145}$	$\frac{141}{1595}$	$\frac{1}{5}$	$\frac{727}{1595}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}^{2}\ \Phi_{55}\ \Phi_{29}^{2}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
131719	1736	660	$\frac{3}{220}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{660}^{4}\ \Phi_{330}^{4}\ \Phi_{165}^{4}\ \Phi_{132}^{4}\ \Phi_{66}^{4}\ \Phi_{60}^{4}\ \Phi_{33}^{3}\ \Phi_{30}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}$
131720	1736	1185	$\frac{1}{79}$	$\frac{39}{395}$	$\frac{1}{3}$	$\frac{178}{395}$	$\Phi_{1185}^{2}\ \Phi_{237}^{3}\ \Phi_{15}^{2}\ \Phi_{3}^{2}$
131721	1736	1827	$\frac{1}{63}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{261}\ \Phi_{203}\ \Phi_{87}$
131722	1736	3192	$\frac{1}{57}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{228}\ \Phi_{168}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{38}\ \Phi_{24}\ \Phi_{12}$ Φ_{6}
131723	1736	1624	$\frac{1}{29}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{1624}^{2}\ \Phi_{232}^{2}\ \Phi_{203}$
131724	1736	1735	$\frac{31}{1735}$	$\frac{187}{1735}$	$\frac{426}{1735}$	$\frac{774}{1735}$	$\Phi_{1735}\ \Phi_{347}\ \Phi_{5}\ \Phi_{1}^{2}$
131725	1736	1044	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{1044}^{2}\ \Phi_{522}^{2}\ \Phi_{348}^{2}\ \Phi_{261}\ \Phi_{174}^{2}\ \Phi_{116}^{2}\ \Phi_{87}\ \Phi_{58}^{2}$
131726	1736	1824	$\frac{1}{32}$	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{25}{57}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{48}$ $\Phi_{38}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
131727	1736	1735	$\frac{48}{1735}$	$\frac{241}{1735}$	$\frac{247}{1735}$	$\frac{747}{1735}$	$\Phi_{1735}\ \Phi_{347}\ \Phi_{5}\ \Phi_{1}^{2}$
131728	1736	435	$\frac{8}{435}$	$\frac{61}{435}$	$\frac{1}{5}$	$\frac{187}{435}$	$\Phi_{435}^{4}\ \Phi_{145}^{4}\ \Phi_{87}^{4}\ \Phi_{29}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
131729	1736	347	$\frac{4}{347}$	$\frac{49}{347}$	$\frac{99}{347}$	$\frac{149}{347}$	$\Phi_{347}^{5}\ \Phi_{1}^{6}$
131730	1736	2607	$\frac{8}{869}$	$\frac{123}{869}$	$\frac{1}{3}$	$\frac{373}{869}$	$\Phi_{2607}\ \Phi_{237}\ \Phi_{33}$
131731	1736	1533	$\frac{2}{219}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1533}\ \Phi_{511}\ \Phi_{219}^{2}\ \Phi_{73}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
131732	1736	2268	$\frac{1}{108}$	$\frac{1}{7}$	$\frac{107}{324}$	$\frac{3}{7}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}^{2}\ \Phi_{162}^{2}\ \Phi_{81}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
131733	1736	1540	$\frac{3}{220}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}^{2}\ \Phi_{154}\ \Phi_{140}\ \Phi_{110}^{2}\ \Phi_{77}\ \Phi_{70}\ \Phi_{55}^{2}$ $\Phi_{44}^{2}\ \Phi_{35}\ \Phi_{22}^{2}\ \Phi_{20}^{2}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
131734	1736	2016	$\frac{1}{72}$	$\frac{1}{7}$	$\frac{71}{288}$	$\frac{3}{7}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}^{2}\ \Phi_{224}\ \Phi_{144}^{2}\ \Phi_{112}\ \Phi_{96}^{2}\ \Phi_{48}^{2}$ $\Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
131735	1736	1890	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{53}{270}$	$\frac{3}{7}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}^{2}\ \Phi_{210}\ \Phi_{135}^{2}\ \Phi_{105}\ \Phi_{90}^{2}\ \Phi_{70}\ \Phi_{45}^{2}$ $\Phi_{35}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
131736	1736	1554	$\frac{5}{222}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{1554}\ \Phi_{777}\ \Phi_{518}\ \Phi_{259}\ \Phi_{222}^{2}\ \Phi_{111}^{2}\ \Phi_{74}^{2}\ \Phi_{37}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
131737	1736	252	$\frac{1}{36}$	$\frac{5}{36}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{84}^{6}\ \Phi_{63}^{6}\ \Phi_{42}^{6}\ \Phi_{36}^{12}\ \Phi_{28}^{6}\ \Phi_{21}^{6}\ \Phi_{18}^{12}\ \Phi_{14}^{6}\ \Phi_{12}^{12}\ \Phi_{9}^{12}$ $\Phi_{7}^{7}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
131738	1736	224	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{224}^{7}\,\Phi_{112}^{7}\,\Phi_{56}^{6}\,\Phi_{32}^{14}\,\Phi_{28}^{6}\,\Phi_{16}^{14}\,\Phi_{14}^{6}\,\Phi_{8}^{12}\,\Phi_{7}^{7}\,\Phi_{4}^{12}\,\Phi_{2}^{12}\,\Phi_{1}^{14}$
131739	1736	1015	$\frac{1}{29}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1015}^{2}\,\Phi_{203}\,\Phi_{145}^{2}$
131740	1736	1575	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1575}\,\Phi_{525}\,\Phi_{315}\,\Phi_{225}^{2}\,\Phi_{175}\,\Phi_{105}\,\Phi_{75}^{2}\,\Phi_{45}^{2}\,\Phi_{35}\,\Phi_{25}^{2}\,\Phi_{15}^{2}\,\Phi_{7}\,\Phi_{5}^{2}\,\Phi_{1}^{2}$
131741	1736	1701	$\frac{1}{27}$	$\frac{26}{243}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1701}\,\Phi_{567}\,\Phi_{243}^{2}\,\Phi_{81}^{2}\,\Phi_{7}\,\Phi_{1}^{2}$
131742	1736	1680	$\frac{1}{24}$	$\frac{23}{240}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1680}\,\Phi_{840}\,\Phi_{560}\,\Phi_{420}\,\Phi_{336}\,\Phi_{280}\,\Phi_{240}^{2}\,\Phi_{210}\,\Phi_{140}\,\Phi_{120}^{2}\,\Phi_{112}\,\Phi_{105}\,\Phi_{80}^{2}\,\Phi_{70}\,\Phi_{60}^{2}\,\Phi_{48}^{2}\,\Phi_{40}^{2}\,\Phi_{35}\,\Phi_{30}^{2}\,\Phi_{20}^{2}\,\Phi_{16}^{2}\,\Phi_{15}^{2}\,\Phi_{10}^{2}\,\Phi_{7}\,\Phi_{5}^{2}\,\Phi_{1}^{2}$
131743	1736	1596	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1596}\,\Phi_{798}\,\Phi_{532}\,\Phi_{399}\,\Phi_{266}\,\Phi_{228}^{2}\,\Phi_{133}\,\Phi_{114}^{2}\,\Phi_{76}^{2}\,\Phi_{57}^{2}\,\Phi_{38}^{2}\,\Phi_{19}^{2}\,\Phi_{7}\,\Phi_{1}^{2}$
131744	1736	1638	$\frac{1}{18}$	$\frac{17}{234}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1638}\,\Phi_{819}\,\Phi_{546}\,\Phi_{273}\,\Phi_{234}^{2}\,\Phi_{182}\,\Phi_{117}^{2}\,\Phi_{91}\,\Phi_{78}^{2}\,\Phi_{39}^{2}\,\Phi_{26}^{2}\,\Phi_{13}^{2}\,\Phi_{7}\,\Phi_{1}^{2}$
131745	1736	1566	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{1566}^{2}\,\Phi_{522}^{2}\,\Phi_{261}\,\Phi_{174}^{2}\,\Phi_{87}\,\Phi_{58}^{2}$
131746	1736	1500	$\frac{1}{125}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{1500}^{2}\,\Phi_{500}^{2}\,\Phi_{375}\,\Phi_{300}^{2}\,\Phi_{100}^{2}\,\Phi_{75}\,\Phi_{60}^{2}\,\Phi_{20}^{2}\,\Phi_{15}$
131747	1736	2964	$\frac{3}{247}$	$\frac{1}{6}$	$\frac{61}{247}$	$\frac{5}{12}$	$\Phi_{2964}\,\Phi_{988}\,\Phi_{247}\,\Phi_{228}\,\Phi_{156}\,\Phi_{76}\,\Phi_{52}\,\Phi_{19}\,\Phi_{13}\,\Phi_{12}^{2}\,\Phi_{4}^{2}\,\Phi_{1}^{2}$
131748	1736	1260	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1260}^{3}\,\Phi_{420}^{3}\,\Phi_{315}\,\Phi_{180}^{3}\,\Phi_{140}^{3}\,\Phi_{105}\,\Phi_{60}^{2}\,\Phi_{45}\,\Phi_{35}\,\Phi_{20}^{2}\,\Phi_{15}$
131749	1736	2964	$\frac{7}{247}$	$\frac{30}{247}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2964}\,\Phi_{988}\,\Phi_{247}\,\Phi_{228}\,\Phi_{156}\,\Phi_{76}\,\Phi_{52}\,\Phi_{19}\,\Phi_{13}\,\Phi_{12}^{2}\,\Phi_{4}^{2}\,\Phi_{1}^{2}$
131750	1736	288	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{288}^{7}\,\Phi_{144}^{7}\,\Phi_{96}^{5}\,\Phi_{72}^{7}\,\Phi_{48}^{5}\,\Phi_{36}^{4}\,\Phi_{32}^{4}\,\Phi_{24}^{5}\,\Phi_{18}^{7}\,\Phi_{16}^{4}\,\Phi_{12}^{3}\,\Phi_{9}^{6}\,\Phi_{8}^{4}\,\Phi_{6}^{5}\,\Phi_{4}^{2}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
131751	1736	780	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{780}^{4}\,\Phi_{260}^{4}\,\Phi_{156}^{3}\,\Phi_{65}^{4}\,\Phi_{60}^{4}\,\Phi_{52}^{3}\,\Phi_{20}^{4}\,\Phi_{13}^{3}\,\Phi_{12}^{4}\,\Phi_{5}^{4}\,\Phi_{4}^{4}\,\Phi_{1}^{4}$
131752	1736	1596	$\frac{1}{19}$	$\frac{9}{133}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1596}^{2}\,\Phi_{532}^{2}\,\Phi_{228}\,\Phi_{133}^{2}\,\Phi_{84}^{2}\,\Phi_{76}\,\Phi_{28}^{2}\,\Phi_{19}\,\Phi_{12}^{2}\,\Phi_{7}^{2}\,\Phi_{4}^{2}\,\Phi_{1}^{2}$
131753	1736	725	$\frac{2}{145}$	$\frac{143}{725}$	$\frac{1}{5}$	$\frac{291}{725}$	$\Phi_{725}^{2}\,\Phi_{145}^{4}\,\Phi_{29}^{4}\,\Phi_{25}^{2}\,\Phi_{5}^{3}\,\Phi_{1}^{4}$
131754	1736	250	$\frac{1}{125}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{250}^{10}\,\Phi_{125}^{4}\,\Phi_{50}^{10}\,\Phi_{25}^{4}\,\Phi_{10}^{8}\,\Phi_{5}^{3}\,\Phi_{2}^{8}\,\Phi_{1}^{4}$
131755	1736	220	$\frac{3}{220}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{220}^{8}\,\Phi_{110}^{8}\,\Phi_{55}^{8}\,\Phi_{44}^{8}\,\Phi_{22}^{8}\,\Phi_{20}^{8}\,\Phi_{11}^{8}\,\Phi_{10}^{8}\,\Phi_{5}^{3}\,\Phi_{4}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{4}$
131756	1736	195	$\frac{3}{65}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{195}^{10}\,\Phi_{65}^{8}\,\Phi_{39}^{10}\,\Phi_{15}^{4}\,\Phi_{13}^{8}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
131757	1736	1735	$\frac{34}{1735}$	$\frac{243}{1735}$	$\frac{373}{1735}$	$\frac{681}{1735}$	$\Phi_{1735}\,\Phi_{347}\,\Phi_{5}\,\Phi_{1}^{2}$
131758	1736	1824	$\frac{1}{32}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{1824}\,\Phi_{912}\,\Phi_{608}\,\Phi_{456}\,\Phi_{304}\,\Phi_{228}\,\Phi_{152}\,\Phi_{114}\,\Phi_{96}\,\Phi_{76}\,\Phi_{48}\,\Phi_{38}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}$
131759	1736	150	$\frac{1}{25}$	$\frac{1}{15}$	$\frac{6}{25}$	$\frac{19}{50}$	$\Phi_{150}^{20}\,\Phi_{75}^{5}\,\Phi_{50}^{16}\,\Phi_{30}^{20}\,\Phi_{25}^{4}\,\Phi_{15}^{4}\,\Phi_{10}^{16}\,\Phi_{6}^{20}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{2}^{16}\,\Phi_{1}^{4}$
131760	1736	1735	$\frac{51}{1735}$	$\frac{154}{1735}$	$\frac{421}{1735}$	$\frac{657}{1735}$	$\Phi_{1735}\,\Phi_{347}\,\Phi_{5}\,\Phi_{1}^{2}$
131761	1736	1992	$\frac{5}{249}$	$\frac{1}{8}$	$\frac{61}{249}$	$\frac{94}{249}$	$\Phi_{1992}\,\Phi_{996}\,\Phi_{664}\,\Phi_{498}\,\Phi_{332}\,\Phi_{166}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}$
131762	1736	1740	$\frac{1}{87}$	$\frac{1}{5}$	$\frac{43}{174}$	$\frac{131}{348}$	$\Phi_{1740}^{2}\,\Phi_{580}^{2}\,\Phi_{435}\,\Phi_{145}\,\Phi_{60}^{2}\,\Phi_{20}^{2}\,\Phi_{15}$
131763	1736	912	$\frac{1}{57}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{912}^{3}\,\Phi_{456}\,\Phi_{304}^{3}\,\Phi_{228}\,\Phi_{152}\,\Phi_{114}\,\Phi_{76}\,\Phi_{48}^{2}\,\Phi_{38}\,\Phi_{24}\,\Phi_{16}^{2}\,\Phi_{12}\,\Phi_{6}$
131764	1736	1305	$\frac{4}{435}$	$\frac{1}{5}$	$\frac{431}{1305}$	$\frac{437}{1305}$	$\Phi_{1305}\,\Phi_{435}^{2}\,\Phi_{261}\,\Phi_{145}^{2}\,\Phi_{87}^{2}\,\Phi_{45}\,\Phi_{29}^{2}\,\Phi_{15}^{2}\,\Phi_{9}\,\Phi_{5}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
131765	1736	654	$\frac{1}{218}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{654}^{3}\,\Phi_{327}^{3}\,\Phi_{218}^{2}\,\Phi_{109}^{2}\,\Phi_{6}^{3}\,\Phi_{2}^{2}$
131766	1736	1125	$\frac{1}{125}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1125}^{2}\,\Phi_{375}\,\Phi_{225}^{2}\,\Phi_{75}\,\Phi_{45}^{2}\,\Phi_{15}$
131767	1736	1095	$\frac{2}{219}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1095}^{2}\,\Phi_{365}^{2}\,\Phi_{15}$
131768	1736	1299	$\frac{6}{433}$	$\frac{61}{433}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1299}\,\Phi_{433}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{4}$
131769	1736	504	$\frac{1}{63}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{504}^{4}\,\Phi_{252}^{4}\,\Phi_{168}^{4}\,\Phi_{126}^{4}\,\Phi_{84}^{4}\,\Phi_{72}^{4}\,\Phi_{56}^{4}\,\Phi_{42}^{4}\,\Phi_{36}^{4}\,\Phi_{28}^{4}\,\Phi_{24}^{3}\,\Phi_{18}^{4}\,\Phi_{14}^{4}\,\Phi_{12}^{3}\,\Phi_{8}^{2}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}$
131770	1736	1299	$\frac{13}{433}$	$\frac{30}{433}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1299}\,\Phi_{433}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{4}$
131771	1736	480	$\frac{1}{32}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{480}^{4}\,\Phi_{240}^{4}\,\Phi_{160}^{4}\,\Phi_{120}^{4}\,\Phi_{96}^{3}\,\Phi_{80}^{4}\,\Phi_{60}^{4}\,\Phi_{48}^{3}\,\Phi_{40}^{4}\,\Phi_{32}^{2}\,\Phi_{30}^{4}\,\Phi_{24}^{3}\,\Phi_{20}^{4}\,\Phi_{16}^{2}\,\Phi_{12}^{3}\,\Phi_{10}^{4}\,\Phi_{8}^{2}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
131772	1736	957	$\frac{1}{29}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{957}^2\ \Phi_{319}^2\ \Phi_{87}$
131773	1736	1620	$\frac{1}{108}$	$\frac{1}{5}$	$\frac{107}{324}$	$\frac{1}{3}$	$\Phi_{1620}^2\ \Phi_{810}^2\ \Phi_{405}^2\ \Phi_{15}$
131774	1736	2952	$\frac{2}{123}$	$\frac{1}{8}$	$\frac{121}{369}$	$\frac{1}{3}$	$\Phi_{2952}\ \Phi_{1476}\ \Phi_{738}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
131775	1736	1287	$\frac{10}{429}$	$\frac{1}{11}$	$\frac{419}{1287}$	$\frac{1}{3}$	$\Phi_{1287}^2\ \Phi_{117}^2\ \Phi_{99}^2\ \Phi_{33}\ \Phi_9^2$
131776	1736	1305	$\frac{1}{29}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{1305}^2\ \Phi_{261}^2\ \Phi_{87}$
131777	1736	2592	$\frac{1}{32}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
131778	1736	891	$\frac{23}{891}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{99}^2\ \Phi_{81}^2\ \Phi_{33}\ \Phi_{27}^2\ \Phi_9^2$
131779	1736	1185	$\frac{1}{79}$	$\frac{78}{395}$	$\frac{317}{1185}$	$\frac{1}{3}$	$\Phi_{1185}\ \Phi_{395}^2\ \Phi_{237}^2\ \Phi_{79}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
131780	1736	660	$\frac{3}{220}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{165}^4\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{60}^3\ \Phi_{33}^4\ \Phi_{30}^3\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4$
131781	1736	2223	$\frac{3}{247}$	$\frac{2}{9}$	$\frac{61}{247}$	$\frac{1}{3}$	$\Phi_{2223}\ \Phi_{247}\ \Phi_{171}\ \Phi_{117}\ \Phi_{19}\ \Phi_{13}\ \Phi_9^2\ \Phi_1^2$
131782	1736	1440	$\frac{1}{72}$	$\frac{1}{5}$	$\frac{71}{288}$	$\frac{1}{3}$	$\Phi_{1440}^2\ \Phi_{720}^2\ \Phi_{480}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{15}$
131783	1736	984	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{10}{41}$	$\frac{1}{3}$	$\Phi_{984}^3\ \Phi_{492}^3\ \Phi_{246}^3\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_6^4$
131784	1736	2607	$\frac{25}{869}$	$\frac{94}{869}$	$\frac{211}{869}$	$\frac{1}{3}$	$\Phi_{2607}\ \Phi_{237}\ \Phi_{33}$
131785	1736	858	$\frac{5}{143}$	$\frac{1}{11}$	$\frac{69}{286}$	$\frac{1}{3}$	$\Phi_{858}^4\ \Phi_{429}^2\ \Phi_{78}^4\ \Phi_{66}^4\ \Phi_{39}^2\ \Phi_{33}^3\ \Phi_6^4\ \Phi_3^2$
131786	1736	237	$\frac{3}{79}$	$\frac{20}{237}$	$\frac{19}{79}$	$\frac{1}{3}$	$\Phi_{237}^7\ \Phi_{79}^8\ \Phi_3^6\ \Phi_1^8$
131787	1736	165	$\frac{3}{55}$	$\frac{2}{33}$	$\frac{13}{55}$	$\frac{1}{3}$	$\Phi_{165}^{10}\ \Phi_{55}^{11}\ \Phi_{33}^{11}\ \Phi_{15}^{10}\ \Phi_{11}^{12}\ \Phi_5^{11}\ \Phi_3^{10}\ \Phi_1^{12}$
131788	1736	3480	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{3480}\ \Phi_{1740}\ \Phi_{696}\ \Phi_{348}\ \Phi_{87}$
131789	1736	315	$\frac{1}{63}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{315}^7\ \Phi_{105}^7\ \Phi_{45}^6\ \Phi_{35}^7\ \Phi_{15}^7\ \Phi_5^6$
131790	1736	2223	$\frac{7}{247}$	$\frac{30}{247}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2223}\ \Phi_{247}\ \Phi_{171}\ \Phi_{117}\ \Phi_{19}\ \Phi_{13}\ \Phi_9^2\ \Phi_1^2$
131791	1736	288	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{288}^6\ \Phi_{144}^6\ \Phi_{96}^7\ \Phi_{72}^6\ \Phi_{48}^7\ \Phi_{36}^6\ \Phi_{32}^6\ \Phi_{24}^7\ \Phi_{18}^6\ \Phi_{16}^6\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
131792	1736	585	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{585}^4\ \Phi_{117}^3\ \Phi_{65}^4\ \Phi_{45}^4\ \Phi_{13}^3\ \Phi_9^4\ \Phi_5^4\ \Phi_1^4$
131793	1736	1197	$\frac{1}{19}$	$\frac{9}{133}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1197}^2\ \Phi_{171}\ \Phi_{133}^2\ \Phi_{63}^2\ \Phi_{19}\ \Phi_9^2\ \Phi_7^2\ \Phi_1^2$
131794	1736	237	$\frac{2}{79}$	$\frac{11}{79}$	$\frac{17}{79}$	$\frac{1}{3}$	$\Phi_{237}^{11}\ \Phi_3^{10}$
131795	1736	270	$\frac{1}{54}$	$\frac{53}{270}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{270}^6\ \Phi_{135}^6\ \Phi_{90}^6\ \Phi_{54}^8\ \Phi_{45}^6\ \Phi_{30}^6\ \Phi_{27}^8\ \Phi_{18}^8\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_9^8\ \Phi_6^8\ \Phi_5^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
131796	1736	1110	$\frac{5}{222}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1110}^2\ \Phi_{555}^2\ \Phi_{370}^2\ \Phi_{185}^2\ \Phi_{15}$
131797	1736	180	$\frac{1}{36}$	$\frac{5}{36}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}^{12}\ \Phi_{45}^{12}\ \Phi_{30}^{12}\ \Phi_{20}^{12}\ \Phi_{15}^{13}\ \Phi_{10}^{12}\ \Phi_5^{12}$
131798	1736	480	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{480}^7\ \Phi_{240}^7\ \Phi_{120}^6\ \Phi_{60}^6\ \Phi_{30}^6\ \Phi_{15}^7$
131799	1736	3045	$\frac{1}{29}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3045}\ \Phi_{609}\ \Phi_{87}$
131800	1736	225	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{225}^8\ \Phi_{75}^8\ \Phi_{45}^6\ \Phi_{25}^8\ \Phi_{15}^7\ \Phi_9^8\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
131801	1736	1215	$\frac{1}{27}$	$\frac{26}{243}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1215}^2\ \Phi_{405}^2\ \Phi_{15}$
131802	1736	240	$\frac{1}{24}$	$\frac{23}{240}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{240}^8\ \Phi_{120}^6\ \Phi_{80}^8\ \Phi_{60}^6\ \Phi_{48}^8\ \Phi_{40}^6\ \Phi_{30}^6\ \Phi_{24}^8\ \Phi_{20}^6\ \Phi_{16}^8\ \Phi_{15}^7\ \Phi_{12}^8\ \Phi_{10}^6\ \Phi_8^8\ \Phi_6^8\ \Phi_5^6\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
131803	1736	1140	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{15}$
131804	1736	2295	$\frac{25}{459}$	$\frac{2}{27}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2295}\ \Phi_{765}\ \Phi_{255}\ \Phi_{85}\ \Phi_{15}$
131805	1736	1170	$\frac{1}{18}$	$\frac{17}{234}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{15}$
131806	1736	165	$\frac{2}{33}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{165}^{11}\ \Phi_{55}^{11}\ \Phi_{33}^{12}\ \Phi_{15}^4\ \Phi_{11}^{12}\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
131807	1736	2175	$\frac{1}{29}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{2175}\ \Phi_{725}\ \Phi_{87}$
131808	1736	1044	$\frac{1}{29}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{348}^2\ \Phi_{261}^2\ \Phi_{116}^2\ \Phi_{87}$
131809	1736	33	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{3}$	$\Phi_{33}^{53}\ \Phi_{11}^{52}\ \Phi_3^{52}\ \Phi_1^{52}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
131810	1736	429	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{19}{143}$	$\frac{1}{3}$	$\Phi_{429}^{6}\ \Phi_{39}^{6}\ \Phi_{33}^{7}\ \Phi_{3}^{6}$
131811	1736	165	$\frac{2}{33}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{3}$	$\Phi_{165}^{10}\ \Phi_{55}^{11}\ \Phi_{33}^{11}\ \Phi_{15}^{10}\ \Phi_{11}^{12}\ \Phi_{5}^{11}\ \Phi_{3}^{10}\ \Phi_{1}^{12}$
131812	1736	792	$\frac{2}{33}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{792}^{3}\ \Phi_{396}^{3}\ \Phi_{264}^{2}\ \Phi_{198}^{3}\ \Phi_{132}^{2}\ \Phi_{88}^{2}\ \Phi_{72}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{36}\ \Phi_{24}\ \Phi_{22}^{2}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
131813	1736	645	$\frac{4}{215}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{211}{645}$	$\Phi_{645}^{4}\ \Phi_{129}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
131814	1736	495	$\frac{3}{55}$	$\frac{1}{15}$	$\frac{13}{55}$	$\frac{14}{45}$	$\Phi_{495}^{5}\ \Phi_{99}^{5}\ \Phi_{55}\ \Phi_{45}^{6}\ \Phi_{11}\ \Phi_{9}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
131815	1736	45	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{14}{45}$	$\Phi_{45}^{56}\ \Phi_{15}^{4}\ \Phi_{9}^{56}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
131816	1736	495	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{14}{45}$	$\Phi_{495}^{5}\ \Phi_{99}^{5}\ \Phi_{45}^{6}\ \Phi_{33}^{2}\ \Phi_{11}\ \Phi_{9}^{6}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
131817	1736	495	$\frac{1}{15}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{14}{45}$	$\Phi_{495}^{5}\ \Phi_{99}^{5}\ \Phi_{55}\ \Phi_{45}^{6}\ \Phi_{11}\ \Phi_{9}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
131818	1736	360	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{14}{45}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}^{6}\ \Phi_{90}^{5}\ \Phi_{72}^{6}\ \Phi_{60}^{6}\ \Phi_{40}^{6}\ \Phi_{36}^{6}\ \Phi_{30}^{6}\ \Phi_{24}^{7}\ \Phi_{20}^{6}\ \Phi_{18}^{6}\ \Phi_{12}^{7}\ \Phi_{10}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
131819	1736	2349	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{2349}\ \Phi_{261}\ \Phi_{87}$
131820	1736	225	$\frac{8}{225}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{225}^{8}\ \Phi_{75}^{8}\ \Phi_{45}^{6}\ \Phi_{25}^{8}\ \Phi_{15}^{8}\ \Phi_{9}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
131821	1736	435	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{1}{5}$	$\frac{25}{87}$	$\Phi_{435}^{7}\ \Phi_{145}\ \Phi_{15}^{7}$
131822	1736	1035	$\frac{11}{345}$	$\frac{167}{1035}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1035}^{2}\ \Phi_{345}\ \Phi_{207}^{2}\ \Phi_{115}\ \Phi_{69}\ \Phi_{45}^{2}\ \Phi_{23}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
131823	1736	225	$\frac{8}{225}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{225}^{8}\ \Phi_{75}^{7}\ \Phi_{45}^{8}\ \Phi_{25}^{7}\ \Phi_{15}^{8}\ \Phi_{9}^{8}\ \Phi_{5}^{7}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
131824	1736	135	$\frac{1}{15}$	$\frac{11}{135}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{135}^{14}\ \Phi_{45}^{14}\ \Phi_{27}^{14}\ \Phi_{15}^{4}\ \Phi_{9}^{14}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
131825	1736	608	$\frac{1}{32}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{608}^{3}\ \Phi_{304}^{3}\ \Phi_{152}^{3}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
131826	1736	1218	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{1218}^{2}\ \Phi_{609}^{2}\ \Phi_{203}\ \Phi_{174}^{2}\ \Phi_{87}^{2}$
131827	1736	285	$\frac{13}{285}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{68}{285}$	$\Phi_{285}^{6}\ \Phi_{95}^{6}\ \Phi_{57}^{6}\ \Phi_{19}^{6}\ \Phi_{15}^{8}\ \Phi_{5}^{7}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
131828	1736	440	$\frac{3}{55}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{13}{55}$	$\Phi_{440}^{5}\ \Phi_{220}^{5}\ \Phi_{88}^{5}\ \Phi_{55}\ \Phi_{44}^{5}\ \Phi_{40}^{6}\ \Phi_{20}^{6}\ \Phi_{11}\ \Phi_{8}^{6}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
131829	1736	385	$\frac{3}{55}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{13}{55}$	$\Phi_{385}^{5}\ \Phi_{77}^{5}\ \Phi_{55}\ \Phi_{35}^{6}\ \Phi_{11}\ \Phi_{7}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
131830	1736	1980	$\frac{3}{55}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{13}{55}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{132}\ \Phi_{99}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}^{2}\ \Phi_{20}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
131831	1736	240	$\frac{1}{15}$	$\frac{23}{240}$	$\frac{1}{5}$	$\frac{7}{30}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}^{8}\ \Phi_{60}^{8}\ \Phi_{48}^{8}\ \Phi_{40}^{8}\ \Phi_{24}^{8}\ \Phi_{20}^{8}\ \Phi_{16}^{8}\ \Phi_{15}^{4}\ \Phi_{12}^{8}\ \Phi_{8}^{8}\ \Phi_{5}^{3}\ \Phi_{4}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
131832	1736	120	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{40}$	$\Phi_{120}^{20}\ \Phi_{60}^{20}\ \Phi_{40}^{16}\ \Phi_{24}^{20}\ \Phi_{20}^{16}\ \Phi_{15}^{4}\ \Phi_{12}^{20}\ \Phi_{8}^{16}\ \Phi_{5}^{3}\ \Phi_{4}^{16}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
131833	1736	1320	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{33}$	$\frac{9}{40}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{440}\ \Phi_{264}^{2}\ \Phi_{220}\ \Phi_{132}^{2}\ \Phi_{120}^{2}\ \Phi_{88}\ \Phi_{60}^{2}\ \Phi_{44}\ \Phi_{40}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
131834	1736	440	$\frac{1}{10}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{9}{40}$	$\Phi_{440}^{5}\ \Phi_{220}^{5}\ \Phi_{88}^{5}\ \Phi_{55}\ \Phi_{44}^{5}\ \Phi_{40}^{6}\ \Phi_{20}^{6}\ \Phi_{11}\ \Phi_{8}^{6}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
131835	1736	360	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{9}{40}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}^{5}\ \Phi_{90}^{6}\ \Phi_{72}^{6}\ \Phi_{60}^{5}\ \Phi_{45}^{6}\ \Phi_{36}^{6}\ \Phi_{30}^{6}\ \Phi_{24}^{6}\ \Phi_{18}^{7}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{9}^{6}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
131836	1736	105	$\frac{1}{15}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{105}^{20}\ \Phi_{35}^{16}\ \Phi_{21}^{20}\ \Phi_{15}^{4}\ \Phi_{7}^{16}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
131837	1736	75	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{5}$	$\Phi_{75}^{28}\ \Phi_{25}^{28}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
131838	1736	180	$\frac{1}{15}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{60}^{11}\ \Phi_{45}^{11}\ \Phi_{36}^{12}\ \Phi_{20}^{11}\ \Phi_{18}^{12}\ \Phi_{15}^{4}\ \Phi_{12}^{12}\ \Phi_{9}^{12}\ \Phi_{5}^{3}\ \Phi_{4}^{12}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
131839	1736	1155	$\frac{1}{11}$	$\frac{4}{35}$	$\frac{5}{33}$	$\frac{1}{5}$	$\Phi_{1155}^{2}\ \Phi_{385}\ \Phi_{231}^{2}\ \Phi_{105}^{2}\ \Phi_{77}\ \Phi_{35}^{2}\ \Phi_{33}^{2}\ \Phi_{21}^{2}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
131840	1736	385	$\frac{6}{55}$	$\frac{4}{35}$	$\frac{7}{55}$	$\frac{1}{5}$	$\Phi_{385}^{5}\ \Phi_{77}^{5}\ \Phi_{55}\ \Phi_{35}^{6}\ \Phi_{11}\ \Phi_{7}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
131841	1736	2520	$\frac{1}{9}$	$\frac{4}{35}$	$\frac{1}{8}$	$\frac{1}{5}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{42}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
131842	1736	396	$\frac{1}{11}$	$\frac{5}{36}$	$\frac{5}{33}$	$\frac{1}{6}$	$\Phi_{396}^{5}\ \Phi_{198}^{5}\ \Phi_{132}^{5}\ \Phi_{99}^{5}\ \Phi_{44}^{5}\ \Phi_{36}^{6}\ \Phi_{33}^{2}\ \Phi_{18}^{6}\ \Phi_{12}^{6}\ \Phi_{11}\ \Phi_{9}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
131843	1736	1980	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{5}{36}$	$\frac{1}{6}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{132}\ \Phi_{99}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}^{2}\ \Phi_{20}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
131844	1736	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{5}{36}$	$\frac{1}{6}$	$\Phi_{72}^{27}\ \Phi_{36}^{19}\ \Phi_{24}^{29}\ \Phi_{18}^{22}\ \Phi_{12}^{21}\ \Phi_{9}^{21}\ \Phi_{8}^{28}\ \Phi_{6}^{23}\ \Phi_{4}^{20}\ \Phi_{3}^{22}\ \Phi_{2}^{22}\ \Phi_{1}^{22}$
131845	1737	992	$\frac{1}{248}$	$\frac{83}{496}$	$\frac{413}{992}$	$\frac{247}{496}$	$\Phi_{992}^{3}\ \Phi_{496}\ \Phi_{32}^{3}\ \Phi_{16}\ \Phi_{1}$
131846	1737	2320	$\frac{3}{580}$	$\frac{1}{4}$	$\frac{583}{2320}$	$\frac{577}{1160}$	$\Phi_{2320}\ \Phi_{580}\ \Phi_{464}\ \Phi_{290}\ \Phi_{145}\ \Phi_{116}\ \Phi_{80}\ \Phi_{58}\ \Phi_{29}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
131847	1737	384	$\frac{1}{192}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{191}{384}$	$\Phi_{384}^{9}\ \Phi_{128}^{9}\ \Phi_{16}\ \Phi_{1}$
131848	1737	384	$\frac{1}{192}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{191}{384}$	$\Phi_{384}^{9}\ \Phi_{128}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
131849	1737	2300	$\frac{4}{575}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{571}{1150}$	$\Phi_{2300}\ \Phi_{575}\ \Phi_{460}\ \Phi_{115}\ \Phi_{100}\ \Phi_{92}\ \Phi_{25}\ \Phi_{23}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
131850	1737	232	$\frac{1}{116}$	$\frac{39}{232}$	$\frac{1}{4}$	$\frac{115}{232}$	$\Phi_{232}^{6}\ \Phi_{116}^{9}\ \Phi_{58}^{9}\ \Phi_{29}^{9}\ \Phi_{8}^{6}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
131851	1737	1148	$\frac{5}{574}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{569}{1148}$	$\Phi_{1148}^{3}\ \Phi_{164}^{3}\ \Phi_{28}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
131852	1737	3440	$\frac{17}{1720}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1703}{3440}$	$\Phi_{3440}\ \Phi_{688}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
131853	1737	2324	$\frac{6}{581}$	$\frac{1}{7}$	$\frac{587}{2324}$	$\frac{575}{1162}$	$\Phi_{2324}\ \Phi_{581}\ \Phi_{332}\ \Phi_{83}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
131854	1737	380	$\frac{3}{190}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{187}{380}$	$\Phi_{380}^{3}\ \Phi_{190}^{6}\ \Phi_{95}^{6}\ \Phi_{76}^{3}\ \Phi_{38}^{6}\ \Phi_{20}^{5}\ \Phi_{19}^{6}\ \Phi_{10}^{7}\ \Phi_{5}^{7}\ \Phi_{4}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
131855	1737	1120	$\frac{1}{56}$	$\frac{19}{560}$	$\frac{541}{1120}$	$\frac{55}{112}$	$\Phi_{1120}^{3}\ \Phi_{224}^{3}\ \Phi_{160}^{3}\ \Phi_{112}\ \Phi_{32}^{3}\ \Phi_{16}\ \Phi_{1}$
131856	1737	2240	$\frac{1}{56}$	$\frac{57}{560}$	$\frac{503}{2240}$	$\frac{55}{112}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
131857	1737	224	$\frac{1}{56}$	$\frac{31}{224}$	$\frac{19}{112}$	$\frac{55}{112}$	$\Phi_{224}^{9}\ \Phi_{112}^{7}\ \Phi_{56}^{6}\ \Phi_{32}^{9}\ \Phi_{28}^{6}\ \Phi_{16}^{7}\ \Phi_{14}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
131858	1737	1856	$\frac{3}{116}$	$\frac{119}{1856}$	$\frac{1}{4}$	$\frac{113}{232}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{464}\ \Phi_{116}\ \Phi_{64}\ \Phi_{58}\ \Phi_{32}\ \Phi_{29}\ \Phi_{16}\ \Phi_{1}$
131859	1737	1120	$\frac{19}{560}$	$\frac{1}{28}$	$\frac{9}{28}$	$\frac{541}{1120}$	$\Phi_{1120}^{3}\ \Phi_{224}^{3}\ \Phi_{160}^{3}\ \Phi_{32}^{3}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
131860	1737	1120	$\frac{19}{560}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{541}{1120}$	$\Phi_{1120}^{3}\ \Phi_{224}^{3}\ \Phi_{160}^{3}\ \Phi_{32}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
131861	1737	1120	$\frac{19}{560}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{541}{1120}$	$\Phi_{1120}^{3}\ \Phi_{224}^{3}\ \Phi_{160}^{3}\ \Phi_{70}\ \Phi_{35}\ \Phi_{32}^{3}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
131862	1737	700	$\frac{13}{350}$	$\frac{1}{14}$	$\frac{121}{700}$	$\frac{337}{700}$	$\Phi_{700}^{2}\ \Phi_{350}^{3}\ \Phi_{175}^{3}\ \Phi_{140}^{2}\ \Phi_{100}^{2}\ \Phi_{70}^{3}\ \Phi_{50}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{2}\ \Phi_{25}^{3}\ \Phi_{20}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
131863	1737	372	$\frac{1}{31}$	$\frac{7}{186}$	$\frac{10}{31}$	$\frac{179}{372}$	$\Phi_{372}^{9}\ \Phi_{124}^{9}\ \Phi_{31}^{2}\ \Phi_{12}^{9}\ \Phi_{4}^{9}\ \Phi_{1}^{3}$
131864	1737	372	$\frac{7}{186}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{179}{372}$	$\Phi_{372}^{9}\ \Phi_{124}^{9}\ \Phi_{31}^{2}\ \Phi_{12}^{9}\ \Phi_{4}^{9}\ \Phi_{1}^{3}$
131865	1737	784	$\frac{1}{28}$	$\frac{9}{196}$	$\frac{205}{784}$	$\frac{187}{392}$	$\Phi_{784}^{3}\ \Phi_{196}^{3}\ \Phi_{112}^{3}\ \Phi_{98}^{3}\ \Phi_{49}^{3}\ \Phi_{28}^{2}\ \Phi_{16}^{3}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
131866	1737	200	$\frac{7}{200}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{200}^{9}\ \Phi_{100}^{9}\ \Phi_{50}^{9}\ \Phi_{40}^{6}\ \Phi_{25}^{9}\ \Phi_{20}^{9}\ \Phi_{10}^{9}\ \Phi_{8}^{6}\ \Phi_{5}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
131867	1737	2204	$\frac{1}{29}$	$\frac{28}{551}$	$\frac{1}{4}$	$\frac{523}{1102}$	$\Phi_{2204}\ \Phi_{551}\ \Phi_{116}^{2}\ \Phi_{76}\ \Phi_{58}\ \Phi_{29}\ \Phi_{19}\ \Phi_{4}\ \Phi_{1}$
131868	1737	2356	$\frac{1}{31}$	$\frac{30}{589}$	$\frac{619}{2356}$	$\frac{559}{1178}$	$\Phi_{2356}\ \Phi_{589}\ \Phi_{124}\ \Phi_{76}\ \Phi_{19}\ \Phi_{4}\ \Phi_{1}$
131869	1737	3248	$\frac{3}{116}$	$\frac{113}{1624}$	$\frac{1}{4}$	$\frac{1511}{3248}$	$\Phi_{3248}\ \Phi_{464}\ \Phi_{116}\ \Phi_{112}\ \Phi_{58}\ \Phi_{29}\ \Phi_{16}\ \Phi_{1}$
131870	1737	217	$\frac{10}{217}$	$\frac{23}{217}$	$\frac{24}{217}$	$\frac{97}{217}$	$\Phi_{217}^{8}\ \Phi_{31}^{8}\ \Phi_{7}^{8}\ \Phi_{1}^{9}$
131871	1737	224	$\frac{1}{28}$	$\frac{3}{28}$	$\frac{31}{224}$	$\frac{25}{56}$	$\Phi_{224}^{9}\ \Phi_{112}^{9}\ \Phi_{32}^{9}\ \Phi_{28}^{8}\ \Phi_{16}^{9}\ \Phi_{14}^{8}\ \Phi_{7}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
131872	1737	3136	$\frac{1}{56}$	$\frac{169}{1568}$	$\frac{55}{224}$	$\frac{1399}{3136}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
131873	1737	3136	$\frac{1}{28}$	$\frac{169}{1568}$	$\frac{27}{196}$	$\frac{1399}{3136}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{196}\ \Phi_{98}\ \Phi_{64}\ \Phi_{49}\ \Phi_{1}$
131874	1737	348	$\frac{1}{58}$	$\frac{19}{174}$	$\frac{1}{4}$	$\frac{155}{348}$	$\Phi_{348}^{3}\ \Phi_{174}^{6}\ \Phi_{116}^{5}\ \Phi_{87}^{6}\ \Phi_{58}^{7}\ \Phi_{29}^{7}\ \Phi_{12}^{3}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
131875	1737	3120	$\frac{2}{195}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{195}\ \Phi_{80}\ \Phi_{65}\ \Phi_{39}\ \Phi_{16}\ \Phi_{15}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}$
131876	1737	288	$\frac{1}{96}$	$\frac{1}{8}$	$\frac{95}{288}$	$\frac{7}{16}$	$\Phi_{288}^{9}\ \Phi_{144}^{9}\ \Phi_{72}^{9}\ \Phi_{36}^{9}\ \Phi_{18}^{9}\ \Phi_{16}\ \Phi_{9}^{9}\ \Phi_{1}$
131877	1737	1760	$\frac{23}{1760}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{16}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
131878	1737	784	$\frac{3}{196}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{784}^{4}\ \Phi_{196}\ \Phi_{112}^{4}\ \Phi_{98}\ \Phi_{49}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
131879	1737	256	$\frac{1}{64}$	$\frac{1}{8}$	$\frac{63}{256}$	$\frac{7}{16}$	$\Phi_{256}^{9}\ \Phi_{128}^{9}\ \Phi_{16}\ \Phi_{1}$
131880	1737	240	$\frac{1}{48}$	$\frac{1}{8}$	$\frac{47}{240}$	$\frac{7}{16}$	$\Phi_{240}^{9}\ \Phi_{120}^{9}\ \Phi_{80}^{9}\ \Phi_{60}^{9}\ \Phi_{40}^{9}\ \Phi_{30}^{9}\ \Phi_{20}^{9}\ \Phi_{16}\ \Phi_{15}^{9}\ \Phi_{10}^{9}\ \Phi_{5}^{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
131881	1737	592	$\frac{13}{592}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{592}^{3}\ \Phi_{296}^{3}\ \Phi_{148}^{3}\ \Phi_{74}^{3}\ \Phi_{37}^{3}\ \Phi_{16}\ \Phi_{1}$
131882	1737	1584	$\frac{5}{198}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{1584}^{2}\ \Phi_{528}^{2}\ \Phi_{198}\ \Phi_{176}^{2}\ \Phi_{144}^{2}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{16}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
131883	1737	1792	$\frac{55}{1792}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
131884	1737	224	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{31}{224}$	$\frac{7}{16}$	$\Phi_{224}^{9}\ \Phi_{112}^{9}\ \Phi_{56}^{9}\ \Phi_{28}^{9}\ \Phi_{16}\ \Phi_{14}^{9}\ \Phi_{7}^{9}\ \Phi_{1}$
131885	1737	400	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{400}^{8}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}^{8}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
131886	1737	432	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{432}^{8}\ \Phi_{216}\ \Phi_{144}^{8}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
131887	1737	640	$\frac{3}{64}$	$\frac{61}{640}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{128}^{3}\ \Phi_{80}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{16}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{1}$
131888	1737	608	$\frac{29}{608}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{608}^{3}\ \Phi_{304}^{3}\ \Phi_{152}^{3}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{19}^{3}\ \Phi_{16}\ \Phi_{1}$
131889	1737	816	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{816}^{4}\ \Phi_{272}^{4}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{1}$
131890	1737	208	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{208}^{9}\ \Phi_{104}^{9}\ \Phi_{52}^{9}\ \Phi_{26}^{9}\ \Phi_{16}\ \Phi_{13}^{9}\ \Phi_{1}$
131891	1737	1960	$\frac{1}{28}$	$\frac{223}{1960}$	$\frac{27}{196}$	$\frac{169}{392}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{280}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{70}\ \Phi_{49}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
131892	1737	336	$\frac{1}{28}$	$\frac{3}{28}$	$\frac{25}{168}$	$\frac{143}{336}$	$\Phi_{336}^{9}\ \Phi_{112}^{9}\ \Phi_{48}^{9}\ \Phi_{28}^{8}\ \Phi_{16}^{9}\ \Phi_{14}^{8}\ \Phi_{7}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
131893	1737	1760	$\frac{23}{1760}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{20}\ \Phi_{16}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
131894	1737	992	$\frac{1}{124}$	$\frac{83}{496}$	$\frac{41}{124}$	$\frac{413}{992}$	$\Phi_{992}^{3}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{32}^{3}\ \Phi_{31}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
131895	1737	1820	$\frac{83}{1820}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{57}{140}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{182}\ \Phi_{130}\ \Phi_{91}\ \Phi_{70}\ \Phi_{65}\ \Phi_{52}\ \Phi_{35}\ \Phi_{26}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
131896	1737	2480	$\frac{1}{124}$	$\frac{123}{620}$	$\frac{743}{2480}$	$\frac{497}{1240}$	$\Phi_{2480}\ \Phi_{620}\ \Phi_{496}\ \Phi_{310}\ \Phi_{155}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
131897	1737	2800	$\frac{13}{350}$	$\frac{1}{14}$	$\frac{337}{1400}$	$\frac{1063}{2800}$	$\Phi_{2800}\ \Phi_{560}\ \Phi_{400}\ \Phi_{350}\ \Phi_{175}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{25}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
131898	1737	928	$\frac{1}{116}$	$\frac{115}{464}$	$\frac{1}{4}$	$\frac{349}{928}$	$\Phi_{928}^{3}\ \Phi_{116}^{3}\ \Phi_{58}^{3}\ \Phi_{32}^{3}\ \Phi_{29}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
131899	1737	584	$\frac{5}{584}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{584}^{3}\ \Phi_{292}^{3}\ \Phi_{146}^{3}\ \Phi_{73}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
131900	1737	196	$\frac{3}{196}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{196}^{9}\ \Phi_{98}^{9}\ \Phi_{49}^{9}\ \Phi_{28}^{9}\ \Phi_{14}^{6}\ \Phi_{7}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
131901	1737	589	$\frac{10}{589}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{589}^{3}\ \Phi_{31}^{2}\ \Phi_{19}^{3}\ \Phi_{1}^{3}$
131902	1737	896	$\frac{1}{56}$	$\frac{55}{448}$	$\frac{131}{448}$	$\frac{317}{896}$	$\Phi_{896}^{3}\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}^{3}\ \Phi_{112}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
131903	1737	616	$\frac{1}{28}$	$\frac{37}{616}$	$\frac{9}{28}$	$\frac{19}{56}$	$\Phi_{616}^{3}\ \Phi_{308}^{3}\ \Phi_{154}^{3}\ \Phi_{88}^{3}\ \Phi_{77}^{3}\ \Phi_{44}^{3}\ \Phi_{28}^{2}\ \Phi_{22}^{3}\ \Phi_{14}^{2}\ \Phi_{11}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
131904	1737	620	$\frac{1}{31}$	$\frac{41}{620}$	$\frac{10}{31}$	$\frac{21}{62}$	$\Phi_{620}^{3}\ \Phi_{310}^{3}\ \Phi_{155}^{3}\ \Phi_{124}^{3}\ \Phi_{31}^{2}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
131905	1737	248	$\frac{1}{124}$	$\frac{55}{248}$	$\frac{41}{124}$	$\frac{83}{248}$	$\Phi_{248}^{6}\ \Phi_{124}^{8}\ \Phi_{62}^{8}\ \Phi_{31}^{8}\ \Phi_{8}^{6}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
131906	1737	580	$\frac{1}{145}$	$\frac{1}{4}$	$\frac{48}{145}$	$\frac{97}{290}$	$\Phi_{580}^{4}\ \Phi_{290}\ \Phi_{145}^{3}\ \Phi_{116}^{4}\ \Phi_{58}\ \Phi_{29}^{3}\ \Phi_{20}^{4}\ \Phi_{10}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
131907	1737	868	$\frac{1}{217}$	$\frac{72}{217}$	$\frac{289}{868}$	$\frac{145}{434}$	$\Phi_{868}^{3}\ \Phi_{217}^{2}\ \Phi_{124}^{3}\ \Phi_{31}^{2}\ \Phi_{28}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
131908	1737	780	$\frac{2}{195}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}^{3}\ \Phi_{156}^{2}\ \Phi_{130}^{2}\ \Phi_{78}^{2}\ \Phi_{65}^{3}\ \Phi_{60}^{2}\ \Phi_{52}^{2}\ \Phi_{39}^{3}\ \Phi_{30}^{2}\ \Phi_{26}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{13}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
131909	1737	288	$\frac{1}{96}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{95}{288}$	$\Phi_{288}^{9}\ \Phi_{144}^{9}\ \Phi_{72}^{9}\ \Phi_{36}^{9}\ \Phi_{18}^{9}\ \Phi_{9}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
131910	1737	232	$\frac{1}{58}$	$\frac{39}{232}$	$\frac{1}{4}$	$\frac{19}{58}$	$\Phi_{232}^{9}\ \Phi_{116}^{5}\ \Phi_{58}^{7}\ \Phi_{29}^{7}\ \Phi_{8}^{9}\ \Phi_{4}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
131911	1737	287	$\frac{5}{287}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{94}{287}$	$\Phi_{287}^{6}\ \Phi_{41}^{6}\ \Phi_{7}^{8}\ \Phi_{1}^{9}$
131912	1737	860	$\frac{17}{860}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{281}{860}$	$\Phi_{860}^{2}\ \Phi_{430}^{2}\ \Phi_{215}^{2}\ \Phi_{172}^{2}\ \Phi_{86}^{2}\ \Phi_{43}^{2}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
131913	1737	279	$\frac{1}{31}$	$\frac{7}{93}$	$\frac{86}{279}$	$\frac{10}{31}$	$\Phi_{279}^{9}\ \Phi_{31}^{2}\ \Phi_{9}^{9}\ \Phi_{1}^{3}$
131914	1737	217	$\frac{1}{31}$	$\frac{24}{217}$	$\frac{7}{31}$	$\frac{10}{31}$	$\Phi_{217}^{9}\ \Phi_{31}^{2}\ \Phi_{7}^{9}\ \Phi_{1}^{3}$
131915	1737	248	$\frac{1}{31}$	$\frac{7}{62}$	$\frac{55}{248}$	$\frac{10}{31}$	$\Phi_{248}^{9}\ \Phi_{124}^{9}\ \Phi_{31}^{2}\ \Phi_{8}^{9}\ \Phi_{4}^{9}\ \Phi_{1}^{3}$
131916	1737	280	$\frac{1}{28}$	$\frac{19}{280}$	$\frac{87}{280}$	$\frac{9}{28}$	$\Phi_{280}^{6}\ \Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{56}^{6}\ \Phi_{40}^{6}\ \Phi_{35}^{6}\ \Phi_{28}^{8}\ \Phi_{20}^{6}\ \Phi_{14}^{8}\ \Phi_{10}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{8}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
131917	1737	700	$\frac{1}{28}$	$\frac{19}{140}$	$\frac{121}{700}$	$\frac{9}{28}$	$\Phi_{700}^{3}\,\Phi_{350}^{3}\,\Phi_{175}^{3}\,\Phi_{100}^{3}\,\Phi_{50}^{3}\,\Phi_{28}^{2}\,\Phi_{25}^{3}\,\Phi_{14}^{2}\,\Phi_{7}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
131918	1737	224	$\frac{1}{28}$	$\frac{31}{224}$	$\frac{19}{112}$	$\frac{9}{28}$	$\Phi_{224}^{9}\,\Phi_{112}^{6}\,\Phi_{56}^{6}\,\Phi_{32}^{9}\,\Phi_{28}^{8}\,\Phi_{16}^{6}\,\Phi_{14}^{8}\,\Phi_{8}^{6}\,\Phi_{7}^{8}\,\Phi_{4}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
131919	1737	280	$\frac{1}{20}$	$\frac{19}{280}$	$\frac{1}{4}$	$\frac{87}{280}$	$\Phi_{280}^{6}\,\Phi_{140}^{6}\,\Phi_{70}^{6}\,\Phi_{56}^{6}\,\Phi_{40}^{6}\,\Phi_{35}^{6}\,\Phi_{28}^{6}\,\Phi_{20}^{9}\,\Phi_{14}^{6}\,\Phi_{10}^{9}\,\Phi_{8}^{6}\,\Phi_{7}^{6}\,\Phi_{5}^{9}\,\Phi_{4}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
131920	1737	280	$\frac{19}{280}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{87}{280}$	$\Phi_{280}^{6}\,\Phi_{140}^{6}\,\Phi_{70}^{7}\,\Phi_{56}^{6}\,\Phi_{40}^{6}\,\Phi_{35}^{7}\,\Phi_{28}^{6}\,\Phi_{20}^{6}\,\Phi_{14}^{6}\,\Phi_{10}^{7}\,\Phi_{8}^{6}\,\Phi_{7}^{6}\,\Phi_{5}^{7}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
131921	1737	279	$\frac{7}{93}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{86}{279}$	$\Phi_{279}^{9}\,\Phi_{31}^{2}\,\Phi_{9}^{9}\,\Phi_{1}^{3}$
131922	1737	200	$\frac{7}{200}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{200}^{9}\,\Phi_{100}^{9}\,\Phi_{50}^{9}\,\Phi_{40}^{9}\,\Phi_{25}^{9}\,\Phi_{20}^{5}\,\Phi_{10}^{7}\,\Phi_{8}^{9}\,\Phi_{5}^{7}\,\Phi_{4}^{4}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
131923	1737	252	$\frac{1}{28}$	$\frac{3}{28}$	$\frac{59}{252}$	$\frac{25}{84}$	$\Phi_{252}^{9}\,\Phi_{126}^{9}\,\Phi_{63}^{9}\,\Phi_{36}^{9}\,\Phi_{28}^{8}\,\Phi_{18}^{9}\,\Phi_{14}^{8}\,\Phi_{9}^{9}\,\Phi_{7}^{8}\,\Phi_{4}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
131924	1737	217	$\frac{17}{217}$	$\frac{24}{217}$	$\frac{25}{217}$	$\frac{64}{217}$	$\Phi_{217}^{8}\,\Phi_{31}^{8}\,\Phi_{7}^{8}\,\Phi_{1}^{9}$
131925	1737	812	$\frac{3}{116}$	$\frac{113}{812}$	$\frac{1}{4}$	$\frac{233}{812}$	$\Phi_{812}^{2}\,\Phi_{406}^{2}\,\Phi_{203}^{2}\,\Phi_{116}^{3}\,\Phi_{58}^{3}\,\Phi_{29}^{3}\,\Phi_{28}^{2}\,\Phi_{14}^{2}\,\Phi_{7}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
131926	1737	210	$\frac{1}{14}$	$\frac{17}{210}$	$\frac{13}{70}$	$\frac{19}{70}$	$\Phi_{210}^{9}\,\Phi_{105}^{9}\,\Phi_{70}^{7}\,\Phi_{42}^{9}\,\Phi_{35}^{7}\,\Phi_{30}^{9}\,\Phi_{21}^{9}\,\Phi_{15}^{9}\,\Phi_{14}^{6}\,\Phi_{10}^{7}\,\Phi_{7}^{6}\,\Phi_{6}^{9}\,\Phi_{5}^{7}\,\Phi_{3}^{9}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
131927	1737	784	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{169}{784}$	$\frac{205}{784}$	$\Phi_{784}^{2}\,\Phi_{392}^{2}\,\Phi_{196}^{3}\,\Phi_{112}^{2}\,\Phi_{98}^{3}\,\Phi_{56}^{2}\,\Phi_{49}^{3}\,\Phi_{28}^{2}\,\Phi_{16}^{2}\,\Phi_{14}^{2}\,\Phi_{8}^{2}\,\Phi_{7}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
131928	1737	196	$\frac{3}{196}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{196}^{9}\,\Phi_{98}^{9}\,\Phi_{49}^{9}\,\Phi_{28}^{9}\,\Phi_{14}^{9}\,\Phi_{7}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
131929	1737	256	$\frac{1}{64}$	$\frac{63}{256}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{256}^{9}\,\Phi_{128}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
131930	1737	240	$\frac{1}{48}$	$\frac{47}{240}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{240}^{9}\,\Phi_{120}^{9}\,\Phi_{80}^{9}\,\Phi_{60}^{9}\,\Phi_{40}^{9}\,\Phi_{30}^{9}\,\Phi_{20}^{9}\,\Phi_{15}^{9}\,\Phi_{10}^{9}\,\Phi_{5}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
131931	1737	592	$\frac{13}{592}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{592}^{3}\,\Phi_{296}^{3}\,\Phi_{148}^{3}\,\Phi_{74}^{3}\,\Phi_{37}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
131932	1737	396	$\frac{5}{198}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{396}^{4}\,\Phi_{198}^{5}\,\Phi_{132}^{4}\,\Phi_{99}^{5}\,\Phi_{66}^{5}\,\Phi_{44}^{4}\,\Phi_{36}^{4}\,\Phi_{33}^{5}\,\Phi_{22}^{5}\,\Phi_{18}^{5}\,\Phi_{11}^{5}\,\Phi_{9}^{5}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
131933	1737	224	$\frac{1}{32}$	$\frac{31}{224}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{224}^{9}\,\Phi_{112}^{9}\,\Phi_{56}^{9}\,\Phi_{28}^{9}\,\Phi_{14}^{9}\,\Phi_{7}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
131934	1737	200	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{200}^{9}\,\Phi_{100}^{9}\,\Phi_{50}^{9}\,\Phi_{40}^{9}\,\Phi_{25}^{9}\,\Phi_{20}^{9}\,\Phi_{10}^{9}\,\Phi_{5}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
131935	1737	216	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{216}^{9}\,\Phi_{108}^{9}\,\Phi_{72}^{9}\,\Phi_{54}^{9}\,\Phi_{36}^{9}\,\Phi_{27}^{9}\,\Phi_{18}^{9}\,\Phi_{9}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
131936	1737	640	$\frac{3}{64}$	$\frac{61}{640}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{640}^{3}\,\Phi_{320}^{3}\,\Phi_{160}^{3}\,\Phi_{128}^{3}\,\Phi_{80}^{3}\,\Phi_{40}^{3}\,\Phi_{20}^{3}\,\Phi_{10}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
131937	1737	608	$\frac{29}{608}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{608}^{3}\,\Phi_{304}^{3}\,\Phi_{152}^{3}\,\Phi_{76}^{3}\,\Phi_{38}^{3}\,\Phi_{19}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
131938	1737	204	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{204}^{9}\,\Phi_{102}^{9}\,\Phi_{68}^{9}\,\Phi_{51}^{9}\,\Phi_{34}^{9}\,\Phi_{17}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
131939	1737	208	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{208}^{9}\,\Phi_{104}^{9}\,\Phi_{52}^{9}\,\Phi_{26}^{9}\,\Phi_{13}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
131940	1737	760	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{181}{760}$	$\frac{1}{4}$	$\Phi_{760}^{3}\,\Phi_{380}\,\Phi_{190}^{2}\,\Phi_{152}^{3}\,\Phi_{95}^{2}\,\Phi_{76}\,\Phi_{40}^{3}\,\Phi_{38}^{2}\,\Phi_{20}^{3}\,\Phi_{19}^{2}\,\Phi_{10}^{3}\,\Phi_{8}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
131941	1737	640	$\frac{1}{20}$	$\frac{61}{640}$	$\frac{19}{80}$	$\frac{1}{4}$	$\Phi_{640}^{3}\,\Phi_{320}^{3}\,\Phi_{160}^{3}\,\Phi_{128}^{3}\,\Phi_{64}^{3}\,\Phi_{32}^{3}\,\Phi_{20}^{3}\,\Phi_{10}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
131942	1737	460	$\frac{4}{115}$	$\frac{37}{230}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{460}^{5}\,\Phi_{230}^{2}\,\Phi_{115}^{3}\,\Phi_{92}^{5}\,\Phi_{46}^{2}\,\Phi_{23}^{3}\,\Phi_{20}^{6}\,\Phi_{10}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
131943	1737	200	$\frac{7}{200}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{200}^{9}\,\Phi_{100}^{8}\,\Phi_{50}^{8}\,\Phi_{40}^{9}\,\Phi_{25}^{9}\,\Phi_{20}^{9}\,\Phi_{10}^{9}\,\Phi_{8}^{9}\,\Phi_{5}^{9}\,\Phi_{4}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
131944	1737	700	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{121}{700}$	$\frac{1}{4}$	$\Phi_{700}^{3}\,\Phi_{350}^{3}\,\Phi_{175}^{3}\,\Phi_{100}^{3}\,\Phi_{50}^{3}\,\Phi_{25}^{3}\,\Phi_{20}^{3}\,\Phi_{10}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
131945	1737	217	$\frac{3}{31}$	$\frac{24}{217}$	$\frac{4}{31}$	$\frac{7}{31}$	$\Phi_{217}^{9}\,\Phi_{31}^{2}\,\Phi_{7}^{9}\,\Phi_{1}^{3}$
131946	1737	2240	$\frac{1}{14}$	$\frac{57}{560}$	$\frac{13}{70}$	$\frac{503}{2240}$	$\Phi_{2240}\,\Phi_{1120}\,\Phi_{448}\,\Phi_{320}\,\Phi_{224}\,\Phi_{160}\,\Phi_{70}\,\Phi_{64}\,\Phi_{35}\,\Phi_{32}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
131947	1737	248	$\frac{3}{31}$	$\frac{7}{62}$	$\frac{4}{31}$	$\frac{55}{248}$	$\Phi_{248}^{9}\,\Phi_{124}^{9}\,\Phi_{31}^{2}\,\Phi_{8}^{9}\,\Phi_{4}^{9}\,\Phi_{1}^{3}$
131948	1737	1960	$\frac{1}{14}$	$\frac{223}{1960}$	$\frac{13}{70}$	$\frac{57}{280}$	$\Phi_{1960}\,\Phi_{980}\,\Phi_{490}\,\Phi_{392}\,\Phi_{245}\,\Phi_{196}\,\Phi_{98}\,\Phi_{70}\,\Phi_{49}\,\Phi_{35}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
131949	1737	700	$\frac{1}{14}$	$\frac{19}{140}$	$\frac{121}{700}$	$\frac{13}{70}$	$\Phi_{700}^{3}\,\Phi_{350}^{3}\,\Phi_{175}^{3}\,\Phi_{100}^{3}\,\Phi_{70}\,\Phi_{50}^{3}\,\Phi_{35}\,\Phi_{25}^{3}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
131950	1738	1734	$\frac{2}{867}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{865}{1734}$	$\Phi_{1734}^{2}\,\Phi_{578}^{2}\,\Phi_{102}^{2}\,\Phi_{34}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
131951	1738	3480	$\frac{1}{290}$	$\frac{291}{1160}$	$\frac{1}{3}$	$\frac{289}{580}$	$\Phi_{3480}\,\Phi_{870}\,\Phi_{696}\,\Phi_{435}\,\Phi_{174}\,\Phi_{120}\,\Phi_{87}\,\Phi_{30}\,\Phi_{24}\,\Phi_{15}\,\Phi_{6}$
131952	1738	5190	$\frac{4}{865}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{861}{1730}$	$\Phi_{5190}\,\Phi_{1038}\,\Phi_{30}\,\Phi_{15}\,\Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
131953	1738	1544	$\frac{1}{193}$	$\frac{97}{772}$	$\frac{675}{1544}$	$\frac{96}{193}$	$\Phi_{1544}^2\ \Phi_{193}\ \Phi_8^2\ \Phi_1^2$
131954	1738	1158	$\frac{1}{193}$	$\frac{289}{1158}$	$\frac{97}{386}$	$\frac{96}{193}$	$\Phi_{1158}^2\ \Phi_{579}^2\ \Phi_{193}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
131955	1738	1044	$\frac{1}{174}$	$\frac{175}{1044}$	$\frac{1}{3}$	$\frac{173}{348}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{261}^2\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{36}^2\ \Phi_{29}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
131956	1738	1728	$\frac{5}{864}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{859}{1728}$	$\Phi_{1728}^2\ \Phi_{576}^2\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
131957	1738	1728	$\frac{5}{864}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{859}{1728}$	$\Phi_{1728}^2\ \Phi_{576}^2\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
131958	1738	3140	$\frac{1}{157}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{78}{157}$	$\Phi_{3140}\ \Phi_{628}\ \Phi_{157}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
131959	1738	2355	$\frac{1}{157}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{78}{157}$	$\Phi_{2355}\ \Phi_{471}\ \Phi_{157}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
131960	1738	1725	$\frac{13}{1725}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{856}{1725}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{345}\ \Phi_{115}\ \Phi_{75}\ \Phi_{69}\ \Phi_{25}\ \Phi_{23}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
131961	1738	5160	$\frac{9}{860}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{851}{1720}$	$\Phi_{5160}\ \Phi_{1032}\ \Phi_{120}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
131962	1738	1092	$\frac{1}{78}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{77}{156}$	$\Phi_{1092}^3\ \Phi_{364}^3\ \Phi_{156}^4\ \Phi_{84}^3\ \Phi_{52}^4\ \Phi_{28}^3\ \Phi_{21}\ \Phi_{12}^4\ \Phi_7\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
131963	1738	156	$\frac{1}{78}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{77}{156}$	$\Phi_{156}^{10}\ \Phi_{78}^{12}\ \Phi_{52}^{10}\ \Phi_{39}^{12}\ \Phi_{26}^{12}\ \Phi_{13}^{12}\ \Phi_{12}^{12}\ \Phi_6^{14}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
131964	1738	1092	$\frac{1}{78}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{77}{156}$	$\Phi_{1092}^3\ \Phi_{364}^3\ \Phi_{156}^4\ \Phi_{84}^3\ \Phi_{52}^4\ \Phi_{28}^3\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_7\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
131965	1738	1710	$\frac{14}{855}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{841}{1710}$	$\Phi_{1710}^2\ \Phi_{570}^2\ \Phi_{342}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{90}^2\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
131966	1738	2784	$\frac{1}{58}$	$\frac{59}{928}$	$\frac{1}{3}$	$\frac{57}{116}$	$\Phi_{2784}\ \Phi_{1392}\ \Phi_{696}\ \Phi_{174}\ \Phi_{96}\ \Phi_{87}\ \Phi_{48}\ \Phi_{24}\ \Phi_6$
131967	1738	636	$\frac{1}{53}$	$\frac{1}{12}$	$\frac{27}{106}$	$\frac{26}{53}$	$\Phi_{636}^3\ \Phi_{318}^3\ \Phi_{212}^3\ \Phi_{159}^3\ \Phi_{106}\ \Phi_{53}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
131968	1738	5046	$\frac{28}{841}$	$\frac{1}{29}$	$\frac{1}{3}$	$\frac{813}{1682}$	$\Phi_{5046}\ \Phi_{174}\ \Phi_{87}\ \Phi_6$
131969	1738	900	$\frac{1}{30}$	$\frac{31}{900}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
131970	1738	1680	$\frac{1}{30}$	$\frac{29}{840}$	$\frac{1}{3}$	$\frac{811}{1680}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
131971	1738	3496	$\frac{3}{76}$	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{3496}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}$
131972	1738	567	$\frac{2}{81}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{567}^3\ \Phi_{189}^3\ \Phi_{81}^4\ \Phi_{63}^3\ \Phi_{27}^4\ \Phi_{21}\ \Phi_9^4\ \Phi_7\ \Phi_3\ \Phi_1^2$
131973	1738	819	$\frac{1}{39}$	$\frac{1}{21}$	$\frac{38}{117}$	$\frac{10}{21}$	$\Phi_{819}^3\ \Phi_{117}^4\ \Phi_{63}^3\ \Phi_{21}\ \Phi_9^4\ \Phi_7\ \Phi_3\ \Phi_1^2$
131974	1738	2184	$\frac{1}{26}$	$\frac{1}{21}$	$\frac{25}{104}$	$\frac{10}{21}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{364}\ \Phi_{312}\ \Phi_{168}\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{84}\ \Phi_{56}\ \Phi_{52}^2\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
131975	1738	84	$\frac{1}{21}$	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{10}{21}$	$\Phi_{84}^{22}\ \Phi_{42}^{19}\ \Phi_{28}^{22}\ \Phi_{21}^{20}\ \Phi_{14}^{19}\ \Phi_{12}^{22}\ \Phi_7^{20}\ \Phi_6^{18}\ \Phi_4^{22}\ \Phi_3^{19}\ \Phi_2^{18}\ \Phi_1^{20}$
131976	1738	273	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{10}{21}$	$\Phi_{273}^6\ \Phi_{91}^7\ \Phi_{39}^6\ \Phi_{21}^7\ \Phi_{13}^6\ \Phi_7^8\ \Phi_3^7\ \Phi_1^8$
131977	1738	1653	$\frac{2}{87}$	$\frac{85}{1653}$	$\frac{1}{3}$	$\frac{784}{1653}$	$\Phi_{1653}\ \Phi_{551}\ \Phi_{87}^2\ \Phi_{57}\ \Phi_{29}^2\ \Phi_{19}\ \Phi_3\ \Phi_1^2$
131978	1738	3450	$\frac{1}{23}$	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{3450}\ \Phi_{1150}\ \Phi_{690}\ \Phi_{230}\ \Phi_{138}\ \Phi_{115}\ \Phi_{46}$
131979	1738	2208	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
131980	1738	4872	$\frac{1}{58}$	$\frac{57}{812}$	$\frac{1}{3}$	$\frac{755}{1624}$	$\Phi_{4872}\ \Phi_{696}\ \Phi_{174}\ \Phi_{168}\ \Phi_{87}\ \Phi_{24}\ \Phi_6$
131981	1738	3312	$\frac{1}{23}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{144}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}$
131982	1738	240	$\frac{1}{80}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{240}^{11}\ \Phi_{120}^{11}\ \Phi_{60}^{10}\ \Phi_{48}^{11}\ \Phi_{30}^{11}\ \Phi_{24}^{11}\ \Phi_{15}^{11}\ \Phi_{12}^{10}\ \Phi_6^{11}\ \Phi_3^{10}$
131983	1738	1566	$\frac{1}{87}$	$\frac{86}{783}$	$\frac{1}{3}$	$\frac{697}{1566}$	$\Phi_{1566}^2\ \Phi_{522}^2\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{54}^2\ \Phi_{29}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
131984	1738	1296	$\frac{5}{432}$	$\frac{1}{9}$	$\frac{427}{1296}$	$\frac{4}{9}$	$\Phi_{1296}^2\ \Phi_{648}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
131985	1738	882	$\frac{13}{882}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{294}^2\ \Phi_{147}^2\ \Phi_{126}^2\ \Phi_{98}^2\ \Phi_{63}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
131986	1738	1152	$\frac{5}{288}$	$\frac{1}{9}$	$\frac{283}{1152}$	$\frac{4}{9}$	$\Phi_{1152}^2\ \Phi_{576}^2\ \Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
131987	1738	1080	$\frac{5}{216}$	$\frac{1}{9}$	$\frac{211}{1080}$	$\frac{4}{9}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
131988	1738	81	$\frac{2}{81}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{81}^{22}\ \Phi_{27}^{20}\ \Phi_9^{21}\ \Phi_3^{21}\ \Phi_1^{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
131989	1738	900	$\frac{31}{900}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
131990	1738	1008	$\frac{5}{144}$	$\frac{1}{9}$	$\frac{139}{1008}$	$\frac{4}{9}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
131991	1738	972	$\frac{5}{108}$	$\frac{103}{972}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
131992	1738	918	$\frac{49}{918}$	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
131993	1738	936	$\frac{5}{72}$	$\frac{67}{936}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
131994	1738	3220	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{140}$	$\Phi_{3220}\ \Phi_{644}\ \Phi_{460}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}\ \Phi_{46}$
131995	1738	876	$\frac{7}{876}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{876}^2\ \Phi_{438}^2\ \Phi_{292}^2\ \Phi_{219}^2\ \Phi_{146}^2\ \Phi_{73}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
131996	1738	4350	$\frac{1}{145}$	$\frac{144}{725}$	$\frac{1}{3}$	$\frac{581}{1450}$	$\Phi_{4350}\ \Phi_{870}\ \Phi_{435}\ \Phi_{174}\ \Phi_{150}\ \Phi_{87}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
131997	1738	954	$\frac{1}{159}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{954}^3\ \Phi_{318}^3\ \Phi_{159}^2\ \Phi_{106}^3\ \Phi_{53}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
131998	1738	2944	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{2944}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}$
131999	1738	1392	$\frac{1}{174}$	$\frac{173}{696}$	$\frac{1}{3}$	$\frac{523}{1392}$	$\Phi_{1392}^2\ \Phi_{464}^2\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{48}^2\ \Phi_{29}^2\ \Phi_{16}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
132000	1738	2544	$\frac{1}{159}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{2544}\ \Phi_{848}\ \Phi_{636}\ \Phi_{318}\ \Phi_{212}\ \Phi_{106}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
132001	1738	2760	$\frac{1}{23}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{460}\ \Phi_{230}\ \Phi_{184}\ \Phi_{115}\ \Phi_{92}\ \Phi_{46}$
132002	1738	1305	$\frac{2}{435}$	$\frac{433}{1305}$	$\frac{1}{3}$	$\frac{436}{1305}$	$\Phi_{1305}\ \Phi_{435}^2\ \Phi_{261}\ \Phi_{145}^2\ \Phi_{87}^2\ \Phi_{45}\ \Phi_{29}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
132003	1738	324	$\frac{2}{81}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{324}^6\ \Phi_{162}^6\ \Phi_{108}^6\ \Phi_{81}^4\ \Phi_{54}^6\ \Phi_{36}^6\ \Phi_{27}^4\ \Phi_{18}^6\ \Phi_{12}^2\ \Phi_9^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
132004	1738	918	$\frac{2}{51}$	$\frac{49}{918}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{54}^2\ \Phi_{34}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
132005	1738	1044	$\frac{1}{87}$	$\frac{175}{1044}$	$\frac{86}{261}$	$\frac{1}{3}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{348}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{36}^2\ \Phi_{29}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
132006	1738	1296	$\frac{5}{432}$	$\frac{1}{6}$	$\frac{427}{1296}$	$\frac{1}{3}$	$\Phi_{1296}^2\ \Phi_{648}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
132007	1738	1290	$\frac{9}{430}$	$\frac{1}{10}$	$\frac{421}{1290}$	$\frac{1}{3}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{430}^2\ \Phi_{258}\ \Phi_{215}^2\ \Phi_{129}\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
132008	1738	468	$\frac{1}{39}$	$\frac{1}{12}$	$\frac{38}{117}$	$\frac{1}{3}$	$\Phi_{468}^6\ \Phi_{234}^6\ \Phi_{117}^4\ \Phi_{36}^6\ \Phi_{18}^6\ \Phi_{12}^2\ \Phi_9^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
132009	1738	900	$\frac{31}{900}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
132010	1738	1260	$\frac{1}{30}$	$\frac{29}{420}$	$\frac{391}{1260}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
132011	1738	567	$\frac{2}{81}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{567}^3\ \Phi_{189}^3\ \Phi_{81}^4\ \Phi_{63}^2\ \Phi_{27}^4\ \Phi_{21}^3\ \Phi_9^3\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
132012	1738	1218	$\frac{1}{58}$	$\frac{57}{406}$	$\frac{349}{1218}$	$\frac{1}{3}$	$\Phi_{1218}\ \Phi_{609}\ \Phi_{406}^2\ \Phi_{203}^2\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{42}\ \Phi_{29}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
132013	1738	882	$\frac{13}{882}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{882}^2\ \Phi_{441}^2\ \Phi_{294}^2\ \Phi_{147}^2\ \Phi_{126}^2\ \Phi_{98}^2\ \Phi_{63}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
132014	1738	240	$\frac{1}{80}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{240}^6\ \Phi_{120}^6\ \Phi_{80}^{10}\ \Phi_{60}^6\ \Phi_{48}^6\ \Phi_{40}^{10}\ \Phi_{30}^6\ \Phi_{24}^6\ \Phi_{20}^{10}\ \Phi_{16}^{10}\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_{10}^{10}\ \Phi_8^{10}\ \Phi_6^6\ \Phi_5^8\ \Phi_4^{10}\ \Phi_3^4\ \Phi_2^{10}\ \Phi_1^8$
132015	1738	1152	$\frac{5}{288}$	$\frac{1}{6}$	$\frac{283}{1152}$	$\frac{1}{3}$	$\Phi_{1152}^2\ \Phi_{576}^2\ \Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
132016	1738	960	$\frac{1}{30}$	$\frac{91}{960}$	$\frac{29}{120}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
132017	1738	312	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{25}{104}$	$\frac{1}{3}$	$\Phi_{312}^7\ \Phi_{156}^3\ \Phi_{104}^8\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{24}^7\ \Phi_{13}^4\ \Phi_{12}^5\ \Phi_8^8\ \Phi_6^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
132018	1738	1140	$\frac{14}{285}$	$\frac{1}{15}$	$\frac{271}{1140}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{228}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{60}^2\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
132019	1738	1134	$\frac{2}{81}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{1134}^2\ \Phi_{567}\ \Phi_{378}^2\ \Phi_{189}\ \Phi_{162}^2\ \Phi_{126}^2\ \Phi_{81}^2\ \Phi_{63}\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
132020	1738	888	$\frac{19}{888}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{888}^2\ \Phi_{444}^2\ \Phi_{296}^2\ \Phi_{222}^2\ \Phi_{148}^2\ \Phi_{111}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
132021	1738	1080	$\frac{5}{216}$	$\frac{1}{6}$	$\frac{211}{1080}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
132022	1738	780	$\frac{2}{39}$	$\frac{1}{12}$	$\frac{37}{195}$	$\frac{1}{3}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{130}^3\ \Phi_{65}^2\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
132023	1738	900	$\frac{31}{900}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
132024	1738	1050	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{181}{1050}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
132025	1738	900	$\frac{31}{900}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
132026	1738	1008	$\frac{5}{144}$	$\frac{139}{1008}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
132027	1738	972	$\frac{5}{108}$	$\frac{103}{972}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
132028	1738	912	$\frac{43}{912}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
132029	1738	960	$\frac{5}{96}$	$\frac{91}{960}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
132030	1738	918	$\frac{49}{918}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
132031	1738	84	$\frac{5}{84}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{84}^{22}\ \Phi_{42}^{22}\ \Phi_{28}^{22}\ \Phi_{21}^{22}\ \Phi_{14}^{22}\ \Phi_{12}^{12}\ \Phi_7^{22}\ \Phi_6^{14}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
132032	1738	936	$\frac{5}{72}$	$\frac{67}{936}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
132033	1738	1035	$\frac{13}{345}$	$\frac{2}{15}$	$\frac{166}{1035}$	$\frac{1}{3}$	$\Phi_{1035}^2\ \Phi_{345}\ \Phi_{207}^2\ \Phi_{115}\ \Phi_{69}\ \Phi_{45}^2\ \Phi_{23}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
132034	1738	1092	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{12}{91}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
132035	1738	87	$\frac{7}{87}$	$\frac{8}{87}$	$\frac{10}{87}$	$\frac{1}{3}$	$\Phi_{87}^{20}\ \Phi_{29}^{20}\ \Phi_3^{19}\ \Phi_1^{20}$
132036	1738	1638	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{38}{117}$	$\Phi_{1638}^2\ \Phi_{819}\ \Phi_{234}^2\ \Phi_{126}^2\ \Phi_{117}^2\ \Phi_{63}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
132037	1738	2208	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}$
132038	1738	2070	$\frac{1}{23}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{414}\ \Phi_{230}\ \Phi_{207}\ \Phi_{138}\ \Phi_{115}\ \Phi_{46}$
132039	1738	728	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{25}{104}$	$\Phi_{728}^3\ \Phi_{364}^3\ \Phi_{104}^4\ \Phi_{56}^3\ \Phi_{52}^4\ \Phi_{28}^3\ \Phi_{14}^2\ \Phi_8^4\ \Phi_7\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
132040	1738	84	$\frac{5}{84}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{84}^{22}\ \Phi_{42}^{19}\ \Phi_{28}^{22}\ \Phi_{21}^{19}\ \Phi_{14}^{21}\ \Phi_{12}^{22}\ \Phi_7^{20}\ \Phi_6^{18}\ \Phi_4^{22}\ \Phi_3^{18}\ \Phi_2^{20}\ \Phi_1^{20}$
132041	1738	182	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{182}^{12}\ \Phi_{91}^7\ \Phi_{26}^{12}\ \Phi_{14}^{14}\ \Phi_{13}^6\ \Phi_7^8\ \Phi_2^{14}\ \Phi_1^8$
132042	1738	2300	$\frac{1}{23}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{2300}\ \Phi_{1150}\ \Phi_{460}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}\ \Phi_{46}$
132043	1739	3160	$\frac{1}{158}$	$\frac{159}{1580}$	$\frac{1421}{3160}$	$\frac{157}{316}$	$\Phi_{3160}\ \Phi_{632}\ \Phi_{316}\ \Phi_{40}\ \Phi_8\ \Phi_4\ \Phi_1$
132044	1739	3432	$\frac{23}{1716}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{1693}{3432}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{264}\ \Phi_{104}\ \Phi_{88}\ \Phi_{44}\ \Phi_{24}\ \Phi_8\ \Phi_4\ \Phi_1$
132045	1739	3432	$\frac{23}{1716}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1693}{3432}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{264}\ \Phi_{104}\ \Phi_{88}\ \Phi_{33}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
132046	1739	2332	$\frac{10}{583}$	$\frac{1}{11}$	$\frac{593}{2332}$	$\frac{573}{1166}$	$\Phi_{2332}\ \Phi_{583}\ \Phi_{212}\ \Phi_{53}\ \Phi_{44}\ \Phi_4\ \Phi_1$
132047	1739	1656	$\frac{1}{46}$	$\frac{1}{36}$	$\frac{35}{72}$	$\frac{45}{92}$	$\Phi_{1656}^2\ \Phi_{552}^2\ \Phi_{184}^2\ \Phi_{92}\ \Phi_{72}^3\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
132048	1739	3588	$\frac{1}{46}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{3588}\ \Phi_{1196}\ \Phi_{156}\ \Phi_{92}\ \Phi_{52}\ \Phi_{39}\ \Phi_{13}\ \Phi_4\ \Phi_1$
132049	1739	2484	$\frac{1}{46}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{45}{92}$	$\Phi_{2484}^2\ \Phi_{108}^2\ \Phi_{92}\ \Phi_{54}\ \Phi_{27}\ \Phi_4\ \Phi_1$
132050	1739	920	$\frac{1}{46}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{45}{92}$	$\Phi_{920}^2\ \Phi_{460}^2\ \Phi_{230}^2\ \Phi_{184}^2\ \Phi_{115}^2\ \Phi_{92}\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
132051	1739	1104	$\frac{1}{46}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{45}{92}$	$\Phi_{1104}^2\ \Phi_{552}^2\ \Phi_{368}^2\ \Phi_{184}^2\ \Phi_{92}\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
132052	1739	4140	$\frac{1}{46}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{45}{92}$	$\Phi_{4140}\ \Phi_{1380}\ \Phi_{460}\ \Phi_{180}\ \Phi_{92}\ \Phi_{60}\ \Phi_{45}\ \Phi_{20}\ \Phi_{15}\ \Phi_5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
132053	1739	1932	$\frac{1}{46}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{45}{92}$	$\Phi_{1932}^2\ \Phi_{644}^2\ \Phi_{92}\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
132054	1739	1656	$\frac{1}{36}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{35}{72}$	$\Phi_{1656}^2\ \Phi_{552}^2\ \Phi_{184}^2\ \Phi_{72}^3\ \Phi_{69}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_3\ \Phi_1$
132055	1739	3344	$\frac{67}{1672}$	$\frac{1}{22}$	$\frac{21}{88}$	$\frac{1605}{3344}$	$\Phi_{3344}\ \Phi_{304}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
132056	1739	1710	$\frac{1}{38}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{342}\ \Phi_{285}\ \Phi_{190}\ \Phi_{171}\ \Phi_{114}^2\ \Phi_{95}\ \Phi_{57}^2\ \Phi_{45}\ \Phi_{38}\ \Phi_{19}\ \Phi_{15}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
132057	1739	2288	$\frac{23}{572}$	$\frac{1}{22}$	$\frac{549}{2288}$	$\frac{21}{44}$	$\Phi_{2288}\ \Phi_{1144}\ \Phi_{208}\ \Phi_{176}\ \Phi_{104}\ \Phi_{88}\ \Phi_{44}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
132058	1739	1848	$\frac{1}{22}$	$\frac{109}{1848}$	$\frac{23}{132}$	$\frac{21}{44}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{88}\ \Phi_{84}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
132059	1739	3300	$\frac{1}{22}$	$\frac{89}{1650}$	$\frac{21}{110}$	$\frac{1561}{3300}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{300}\ \Phi_{220}\ \Phi_{132}\ \Phi_{110}\ \Phi_{100}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
132060	1739	2112	$\frac{1}{22}$	$\frac{21}{352}$	$\frac{373}{2112}$	$\frac{331}{704}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{192}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
132061	1739	1216	$\frac{1}{38}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{1216}^2\ \Phi_{304}^2\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{64}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
132062	1739	1672	$\frac{1}{38}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{1672}^2\ \Phi_{152}^2\ \Phi_{88}\ \Phi_{76}^2\ \Phi_{38}\ \Phi_{19}\ \Phi_8\ \Phi_4\ \Phi_1$
132063	1739	88	$\frac{1}{22}$	$\frac{3}{44}$	$\frac{7}{44}$	$\frac{41}{88}$	$\Phi_{88}^{37}\ \Phi_{44}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^{37}\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
132064	1739	3168	$\frac{1}{22}$	$\frac{155}{1584}$	$\frac{21}{176}$	$\frac{1429}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{176}\ \Phi_{96}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
132065	1739	1596	$\frac{1}{38}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{1596}^2\ \Phi_{532}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{84}\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{28}\ \Phi_{19}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
132066	1739	3080	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{199}{1540}$	$\frac{1341}{3080}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}\ \Phi_{56}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
132067	1739	1520	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{1520}^2\ \Phi_{304}^2\ \Phi_{152}^2\ \Phi_{80}\ \Phi_{76}^2\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
132068	1739	2844	$\frac{1}{158}$	$\frac{317}{1422}$	$\frac{157}{474}$	$\frac{1105}{2844}$	$\Phi_{2844}\ \Phi_{948}\ \Phi_{474}\ \Phi_{316}\ \Phi_{237}\ \Phi_{36}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
132069	1739	2816	$\frac{1}{22}$	$\frac{21}{352}$	$\frac{331}{1408}$	$\frac{1077}{2816}$	$\Phi_{2816}\ \Phi_{352}\ \Phi_{256}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
132070	1739	2528	$\frac{1}{158}$	$\frac{157}{632}$	$\frac{789}{2528}$	$\frac{475}{1264}$	$\Phi_{2528}\ \Phi_{632}\ \Phi_{316}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
132071	1739	1782	$\frac{43}{1782}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{162}\ \Phi_{99}\ \Phi_{81}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_3\ \Phi_1$
132072	1739	1368	$\frac{1}{38}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{1368}^2\ \Phi_{456}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{72}\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
132073	1739	2640	$\frac{1}{22}$	$\frac{21}{440}$	$\frac{419}{1320}$	$\frac{901}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{440}\ \Phi_{240}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{48}\ \Phi_{44}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
132074	1739	897	$\frac{1}{23}$	$\frac{2}{39}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{897}^2\ \Phi_{299}^2\ \Phi_{69}\ \Phi_{39}^3\ \Phi_{13}^3\ \Phi_3\ \Phi_1$
132075	1739	1026	$\frac{1}{38}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1026}^2\ \Phi_{513}^2\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{54}\ \Phi_{38}\ \Phi_{27}\ \Phi_{19}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
132076	1739	1140	$\frac{1}{38}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}\ \Phi_{380}^2\ \Phi_{285}\ \Phi_{228}^2\ \Phi_{190}\ \Phi_{114}^2\ \Phi_{95}\ \Phi_{76}^2\ \Phi_{60}\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
132077	1739	2574	$\frac{23}{858}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{835}{2574}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{234}\ \Phi_{198}\ \Phi_{117}\ \Phi_{99}\ \Phi_{33}\ \Phi_{18}\ \Phi_9\ \Phi_3\ \Phi_1$
132078	1739	1242	$\frac{1}{23}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{22}{69}$	$\Phi_{1242}^2\ \Phi_{621}^2\ \Phi_{69}\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_3\ \Phi_1$
132079	1739	2760	$\frac{1}{23}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{22}{69}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{120}\ \Phi_{69}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_3\ \Phi_1$
132080	1739	1104	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{22}{69}$	$\Phi_{1104}^2\ \Phi_{552}^2\ \Phi_{368}^2\ \Phi_{184}^2\ \Phi_{69}\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_3\ \Phi_1$
132081	1739	1035	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{22}{69}$	$\Phi_{1035}^2\ \Phi_{345}^2\ \Phi_{115}^2\ \Phi_{69}\ \Phi_{45}^3\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3\ \Phi_1$
132082	1739	966	$\frac{1}{23}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{22}{69}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{69}\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_3\ \Phi_1$
132083	1739	2145	$\frac{23}{429}$	$\frac{1}{11}$	$\frac{406}{2145}$	$\frac{10}{33}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{195}\ \Phi_{165}\ \Phi_{65}\ \Phi_{55}\ \Phi_{33}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1$
132084	1739	1848	$\frac{109}{1848}$	$\frac{1}{11}$	$\frac{23}{132}$	$\frac{10}{33}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{88}\ \Phi_{84}\ \Phi_{77}\ \Phi_{56}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_3\ \Phi_1$
132085	1739	2112	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{373}{2112}$	$\frac{155}{528}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{176}\ \Phi_{96}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
132086	1739	132	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{7}{44}$	$\frac{19}{66}$	$\Phi_{132}^{22}\ \Phi_{66}^{15}\ \Phi_{44}^3\ \Phi_{33}^{15}\ \Phi_{22}^2\ \Phi_{12}^{22}\ \Phi_{11}^2\ \Phi_6^{15}\ \Phi_4^3\ \Phi_3^{15}\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
132087	1739	1980	$\frac{1}{22}$	$\frac{241}{1980}$	$\frac{21}{110}$	$\frac{89}{330}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
132088	1739	2200	$\frac{1}{22}$	$\frac{89}{550}$	$\frac{21}{110}$	$\frac{461}{2200}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{440}\ \Phi_{220}\ \Phi_{200}\ \Phi_{110}\ \Phi_{100}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
132089	1740	2604	$\frac{1}{434}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{433}{868}$	$\Phi_{2604}\ \Phi_{868}^2\ \Phi_{372}\ \Phi_{124}^2\ \Phi_{84}\ \Phi_{28}^2\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
132090	1740	2776	$\frac{1}{347}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{173}{347}$	$\Phi_{2776}\ \Phi_{347}\ \Phi_{8}^2\ \Phi_{1}^2$
132091	1740	1445	$\frac{1}{289}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{144}{289}$	$\Phi_{1445}\ \Phi_{289}^2\ \Phi_{85}\ \Phi_{17}^2\ \Phi_{5}^2\ \Phi_{1}^4$
132092	1740	3468	$\frac{1}{289}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{144}{289}$	$\Phi_{3468}\ \Phi_{1734}\ \Phi_{204}\ \Phi_{102}\ \Phi_{12}^2\ \Phi_{6}^2$
132093	1740	1739	$\frac{7}{1739}$	$\frac{291}{1739}$	$\frac{724}{1739}$	$\frac{866}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_{1}^2$
132094	1740	2324	$\frac{3}{581}$	$\frac{1}{4}$	$\frac{146}{581}$	$\frac{289}{581}$	$\Phi_{2324}\ \Phi_{1162}\ \Phi_{332}\ \Phi_{166}\ \Phi_{28}\ \Phi_{14}$
132095	1740	1739	$\frac{9}{1739}$	$\frac{434}{1739}$	$\frac{437}{1739}$	$\frac{865}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_{1}^2$
132096	1740	2613	$\frac{5}{871}$	$\frac{146}{871}$	$\frac{1}{3}$	$\frac{433}{871}$	$\Phi_{2613}\ \Phi_{201}\ \Phi_{39}$
132097	1740	1557	$\frac{1}{173}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{86}{173}$	$\Phi_{1557}\ \Phi_{519}\ \Phi_{173}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
132098	1740	1038	$\frac{1}{173}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{86}{173}$	$\Phi_{1038}^2\ \Phi_{519}\ \Phi_{346}^2\ \Phi_{173}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
132099	1740	1739	$\frac{11}{1739}$	$\frac{175}{1739}$	$\frac{782}{1739}$	$\frac{864}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_{1}^2$
132100	1740	3168	$\frac{1}{144}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{143}{288}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{11}\ \Phi_{1}^2$
132101	1740	2016	$\frac{1}{144}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{143}{288}$	$\Phi_{2016}^2\ \Phi_{672}^2\ \Phi_{224}^2\ \Phi_{21}$
132102	1740	3168	$\frac{1}{144}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{143}{288}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{11}\ \Phi_{1}^2$
132103	1740	1440	$\frac{1}{144}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{143}{288}$	$\Phi_{1440}^3\ \Phi_{480}^3\ \Phi_{160}^3\ \Phi_{20}\ \Phi_{10}$
132104	1740	2094	$\frac{3}{349}$	$\frac{1}{6}$	$\frac{88}{349}$	$\frac{173}{349}$	$\Phi_{2094}\ \Phi_{1047}\ \Phi_{698}$
132105	1740	3220	$\frac{1}{115}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{57}{115}$	$\Phi_{3220}\ \Phi_{644}\ \Phi_{460}\ \Phi_{140}\ \Phi_{115}\ \Phi_{92}\ \Phi_{28}^2\ \Phi_{23}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
132106	1740	805	$\frac{1}{115}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{57}{115}$	$\Phi_{805}^2\ \Phi_{161}^2\ \Phi_{115}^3\ \Phi_{35}^2\ \Phi_{23}^3\ \Phi_{7}^4\ \Phi_{5}^3\ \Phi_{1}^6$
132107	1740	1380	$\frac{1}{115}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{57}{115}$	$\Phi_{1380}^2\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}^2\ \Phi_{138}\ \Phi_{115}\ \Phi_{92}\ \Phi_{69}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{23}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
132108	1740	1739	$\frac{17}{1739}$	$\frac{260}{1739}$	$\frac{439}{1739}$	$\frac{861}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_{1}^2$
132109	1740	1358	$\frac{1}{97}$	$\frac{1}{7}$	$\frac{49}{194}$	$\frac{48}{97}$	$\Phi_{1358}^2\ \Phi_{679}\ \Phi_{14}^2$
132110	1740	2613	$\frac{9}{871}$	$\frac{88}{871}$	$\frac{1}{3}$	$\frac{431}{871}$	$\Phi_{2613}\ \Phi_{201}\ \Phi_{39}$
132111	1740	1148	$\frac{3}{287}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{142}{287}$	$\Phi_{1148}^2\ \Phi_{574}^2\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{4}^2\ \Phi_{2}^2$
132112	1740	3268	$\frac{1}{86}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{85}{172}$	$\Phi_{3268}\ \Phi_{172}^2\ \Phi_{76}\ \Phi_{19}\ \Phi_{4}^2\ \Phi_{1}^2$
132113	1740	5676	$\frac{1}{86}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{85}{172}$	$\Phi_{5676}\ \Phi_{132}\ \Phi_{33}$
132114	1740	3268	$\frac{1}{86}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{85}{172}$	$\Phi_{3268}\ \Phi_{172}^2\ \Phi_{76}\ \Phi_{19}\ \Phi_{4}^2\ \Phi_{1}^2$
132115	1740	2580	$\frac{1}{86}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{85}{172}$	$\Phi_{2580}^2\ \Phi_{860}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
132116	1740	332	$\frac{1}{83}$	$\frac{21}{166}$	$\frac{1}{4}$	$\frac{41}{83}$	$\Phi_{332}^7\ \Phi_{166}^3\ \Phi_{83}^4\ \Phi_{4}^6\ \Phi_{2}^2\ \Phi_{1}^4$
132117	1740	1739	$\frac{21}{1739}$	$\frac{176}{1739}$	$\frac{521}{1739}$	$\frac{859}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_{1}^2$
132118	1740	858	$\frac{2}{143}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{141}{286}$	$\Phi_{858}^6\ \Phi_{78}^6\ \Phi_{66}^6\ \Phi_{39}\ \Phi_{6}^6$
132119	1740	2094	$\frac{5}{349}$	$\frac{1}{6}$	$\frac{59}{349}$	$\frac{172}{349}$	$\Phi_{2094}\ \Phi_{1047}\ \Phi_{698}$
132120	1740	1739	$\frac{25}{1739}$	$\frac{289}{1739}$	$\frac{294}{1739}$	$\frac{857}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_{1}^2$
132121	1740	1407	$\frac{1}{67}$	$\frac{34}{469}$	$\frac{1}{3}$	$\frac{33}{67}$	$\Phi_{1407}^2\ \Phi_{201}\ \Phi_{21}^2$
132122	1740	2324	$\frac{9}{581}$	$\frac{59}{581}$	$\frac{1}{4}$	$\frac{286}{581}$	$\Phi_{2324}\ \Phi_{1162}\ \Phi_{332}\ \Phi_{166}\ \Phi_{28}\ \Phi_{14}$
132123	1740	3304	$\frac{1}{59}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{29}{59}$	$\Phi_{3304}\ \Phi_{472}\ \Phi_{59}\ \Phi_{56}^2\ \Phi_{8}^2\ \Phi_{1}^2$
132124	1740	2478	$\frac{1}{59}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{59}$	$\Phi_{2478}\ \Phi_{1239}\ \Phi_{354}\ \Phi_{177}\ \Phi_{59}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
132125	1740	1888	$\frac{1}{59}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{59}$	$\Phi_{1888}\ \Phi_{944}\ \Phi_{472}\ \Phi_{59}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
132126	1740	2065	$\frac{1}{59}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{59}$	$\Phi_{2065}\ \Phi_{295}\ \Phi_{59}\ \Phi_{35}^2\ \Phi_5^2\ \Phi_1^2$
132127	1740	1653	$\frac{1}{57}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{28}{57}$	$\Phi_{1653}\ \Phi_{551}\ \Phi_{87}\ \Phi_{57}^2\ \Phi_{29}^2\ \Phi_{19}^2\ \Phi_3^2\ \Phi_1^4$
132128	1740	912	$\frac{1}{57}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{28}{57}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{48}^3\ \Phi_{38}^2\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
132129	1740	1653	$\frac{1}{57}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{28}{57}$	$\Phi_{1653}\ \Phi_{551}\ \Phi_{87}\ \Phi_{57}^2\ \Phi_{29}^2\ \Phi_{19}^2\ \Phi_3^2\ \Phi_1^4$
132130	1740	2508	$\frac{1}{57}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{28}{57}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{836}\ \Phi_{418}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{22}^2$
132131	1740	1653	$\frac{1}{57}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{28}{57}$	$\Phi_{1653}\ \Phi_{551}\ \Phi_{87}\ \Phi_{57}^2\ \Phi_{29}^2\ \Phi_{19}^2\ \Phi_3^2\ \Phi_1^4$
132132	1740	798	$\frac{1}{57}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{28}{57}$	$\Phi_{798}^3\ \Phi_{399}^2\ \Phi_{266}^3\ \Phi_{133}^2\ \Phi_{42}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^2$
132133	1740	1739	$\frac{31}{1739}$	$\frac{59}{1739}$	$\frac{840}{1739}$	$\frac{854}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_1^2$
132134	1740	282	$\frac{1}{47}$	$\frac{4}{141}$	$\frac{137}{282}$	$\frac{23}{47}$	$\Phi_{282}^{12}\ \Phi_{94}^{12}\ \Phi_{47}\ \Phi_6^{12}\ \Phi_2^{12}\ \Phi_1^2$
132135	1740	423	$\frac{1}{47}$	$\frac{8}{141}$	$\frac{133}{423}$	$\frac{23}{47}$	$\Phi_{423}^6\ \Phi_{47}\ \Phi_9^6\ \Phi_1^2$
132136	1740	94	$\frac{1}{47}$	$\frac{7}{94}$	$\frac{12}{47}$	$\frac{23}{47}$	$\Phi_{94}^{20}\ \Phi_{47}^{17}\ \Phi_2^{20}\ \Phi_1^{18}$
132137	1740	188	$\frac{1}{47}$	$\frac{4}{47}$	$\frac{43}{188}$	$\frac{23}{47}$	$\Phi_{188}^{12}\ \Phi_{94}^{12}\ \Phi_{47}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^2$
132138	1740	329	$\frac{1}{47}$	$\frac{39}{329}$	$\frac{8}{47}$	$\frac{23}{47}$	$\Phi_{329}^6\ \Phi_{47}\ \Phi_7^6\ \Phi_1^2$
132139	1740	851	$\frac{19}{851}$	$\frac{1}{37}$	$\frac{18}{37}$	$\frac{416}{851}$	$\Phi_{851}^2\ \Phi_{37}^3\ \Phi_{23}^2\ \Phi_1^4$
132140	1740	1870	$\frac{2}{85}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{83}{170}$	$\Phi_{1870}^2\ \Phi_{374}^2\ \Phi_{110}^2\ \Phi_{55}\ \Phi_{22}^2$
132141	1740	1739	$\frac{41}{1739}$	$\frac{89}{1739}$	$\frac{550}{1739}$	$\frac{849}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_1^2$
132142	1740	624	$\frac{1}{39}$	$\frac{1}{16}$	$\frac{10}{39}$	$\frac{19}{39}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{48}^3\ \Phi_{26}^3\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
132143	1740	1739	$\frac{49}{1739}$	$\frac{149}{1739}$	$\frac{318}{1739}$	$\frac{845}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_1^2$
132144	1740	282	$\frac{4}{141}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{137}{282}$	$\Phi_{282}^{12}\ \Phi_{94}^{12}\ \Phi_{47}\ \Phi_6^{12}\ \Phi_2^{12}\ \Phi_1^2$
132145	1740	282	$\frac{4}{141}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{137}{282}$	$\Phi_{282}^{12}\ \Phi_{94}^{12}\ \Phi_{47}\ \Phi_6^{12}\ \Phi_2^{12}\ \Phi_1^2$
132146	1740	385	$\frac{1}{35}$	$\frac{1}{11}$	$\frac{6}{35}$	$\frac{17}{35}$	$\Phi_{385}^5\ \Phi_{77}^5\ \Phi_{55}^5\ \Phi_{11}^4$
132147	1740	1739	$\frac{51}{1739}$	$\frac{179}{1739}$	$\frac{260}{1739}$	$\frac{844}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_1^2$
132148	1740	679	$\frac{3}{97}$	$\frac{10}{97}$	$\frac{1}{7}$	$\frac{47}{97}$	$\Phi_{679}^3\ \Phi_7^2$
132149	1740	2094	$\frac{11}{349}$	$\frac{30}{349}$	$\frac{1}{6}$	$\frac{169}{349}$	$\Phi_{2094}\ \Phi_{1047}\ \Phi_{698}$
132150	1740	1739	$\frac{55}{1739}$	$\frac{144}{1739}$	$\frac{299}{1739}$	$\frac{842}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_1^2$
132151	1740	2324	$\frac{19}{581}$	$\frac{30}{581}$	$\frac{1}{4}$	$\frac{281}{581}$	$\Phi_{2324}\ \Phi_{1162}\ \Phi_{332}\ \Phi_{166}\ \Phi_{28}\ \Phi_{14}$
132152	1740	1739	$\frac{57}{1739}$	$\frac{86}{1739}$	$\frac{449}{1739}$	$\frac{841}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_1^2$
132153	1740	2613	$\frac{29}{871}$	$\frac{30}{871}$	$\frac{1}{3}$	$\frac{421}{871}$	$\Phi_{2613}\ \Phi_{201}\ \Phi_{39}$
132154	1740	870	$\frac{1}{30}$	$\frac{1}{29}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{870}^2\ \Phi_{435}^2\ \Phi_{290}^2\ \Phi_{174}^2\ \Phi_{145}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{30}^4\ \Phi_{29}^2\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
132155	1740	1102	$\frac{1}{29}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{14}{29}$	$\Phi_{1102}^2\ \Phi_{551}\ \Phi_{58}^2\ \Phi_{38}^4\ \Phi_{29}^2\ \Phi_{19}^2\ \Phi_2^4\ \Phi_1^4$
132156	1740	5208	$\frac{1}{31}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{5208}\ \Phi_{744}\ \Phi_{93}$
132157	1740	3304	$\frac{2}{59}$	$\frac{1}{28}$	$\frac{19}{59}$	$\frac{27}{56}$	$\Phi_{3304}\ \Phi_{472}\ \Phi_{59}\ \Phi_{56}^2\ \Phi_8^2\ \Phi_1^2$
132158	1740	168	$\frac{1}{28}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{168}^{21}\ \Phi_{84}\ \Phi_{56}^{18}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}^{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_8^{18}\ \Phi_6$
132159	1740	3304	$\frac{1}{28}$	$\frac{3}{59}$	$\frac{14}{59}$	$\frac{27}{56}$	$\Phi_{3304}\ \Phi_{472}\ \Phi_{59}\ \Phi_{56}^2\ \Phi_8^2\ \Phi_1^2$
132160	1740	560	$\frac{1}{28}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{27}{56}$	$\Phi_{560}^4\ \Phi_{280}^3\ \Phi_{140}^4\ \Phi_{80}^5\ \Phi_{70}^4\ \Phi_{40}^4\ \Phi_{35}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^4$
132161	1740	3304	$\frac{1}{28}$	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{27}{56}$	$\Phi_{3304}\ \Phi_{472}\ \Phi_{59}\ \Phi_{56}^2\ \Phi_8^2\ \Phi_1^2$
132162	1740	2184	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{27}{56}$	$\Phi_{2184}^2\ \Phi_{728}\ \Phi_{312}^2\ \Phi_{104}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
132163	1740	3304	$\frac{1}{28}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{27}{56}$	$\Phi_{3304}\ \Phi_{472}\ \Phi_{59}\ \Phi_{56}^2\ \Phi_{8}^2\ \Phi_{1}^2$
132164	1740	616	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{27}{56}$	$\Phi_{616}^6\ \Phi_{88}^6\ \Phi_{77}$
132165	1740	1100	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{13}{100}$	$\frac{12}{25}$	$\Phi_{1100}^2\ \Phi_{550}^2\ \Phi_{275}\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{22}^2$
132166	1740	111	$\frac{1}{37}$	$\frac{5}{111}$	$\frac{12}{37}$	$\frac{53}{111}$	$\Phi_{111}^{15}\ \Phi_{37}^{17}\ \Phi_{3}^{15}\ \Phi_{1}^{18}$
132167	1740	111	$\frac{5}{111}$	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{53}{111}$	$\Phi_{111}^{15}\ \Phi_{37}^{17}\ \Phi_{3}^{15}\ \Phi_{1}^{18}$
132168	1740	1830	$\frac{1}{30}$	$\frac{3}{61}$	$\frac{16}{61}$	$\frac{29}{61}$	$\Phi_{1830}\ \Phi_{915}\ \Phi_{610}\ \Phi_{366}\ \Phi_{305}\ \Phi_{183}\ \Phi_{122}$
132169	1740	817	$\frac{1}{43}$	$\frac{1}{19}$	$\frac{14}{43}$	$\frac{9}{19}$	$\Phi_{817}^2\ \Phi_{43}^4\ \Phi_{19}^3\ \Phi_{1}^6$
132170	1740	1140	$\frac{1}{30}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{1140}^2\ \Phi_{570}\ \Phi_{380}^2\ \Phi_{285}\ \Phi_{228}^2\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}^4\ \Phi_{57}\ \Phi_{30}^2\ \Phi_{20}^4\ \Phi_{19}\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
132171	1740	329	$\frac{2}{47}$	$\frac{19}{329}$	$\frac{9}{47}$	$\frac{155}{329}$	$\Phi_{329}^5\ \Phi_{47}^7\ \Phi_{7}^5\ \Phi_{1}^8$
132172	1740	592	$\frac{1}{37}$	$\frac{9}{148}$	$\frac{157}{592}$	$\frac{139}{296}$	$\Phi_{592}^4\ \Phi_{148}^4\ \Phi_{74}^4\ \Phi_{37}^3\ \Phi_{16}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
132173	1740	94	$\frac{3}{47}$	$\frac{7}{94}$	$\frac{5}{47}$	$\frac{22}{47}$	$\Phi_{94}^{20}\ \Phi_{47}^{17}\ \Phi_{2}^{20}\ \Phi_{1}^{18}$
132174	1740	1739	$\frac{44}{1739}$	$\frac{113}{1739}$	$\frac{463}{1739}$	$\frac{813}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_{1}^2$
132175	1740	2613	$\frac{16}{871}$	$\frac{57}{871}$	$\frac{1}{3}$	$\frac{407}{871}$	$\Phi_{2613}\ \Phi_{201}\ \Phi_{39}$
132176	1740	1739	$\frac{32}{1739}$	$\frac{117}{1739}$	$\frac{569}{1739}$	$\frac{811}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_{1}^2$
132177	1740	814	$\frac{1}{37}$	$\frac{28}{407}$	$\frac{9}{37}$	$\frac{379}{814}$	$\Phi_{814}^4\ \Phi_{74}^4\ \Phi_{37}^3\ \Phi_{22}^4\ \Phi_{2}^4\ \Phi_{1}^4$
132178	1740	4956	$\frac{1}{59}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{4956}\ \Phi_{708}\ \Phi_{177}$
132179	1740	3220	$\frac{3}{115}$	$\frac{1}{14}$	$\frac{28}{115}$	$\frac{13}{28}$	$\Phi_{3220}\ \Phi_{644}\ \Phi_{460}\ \Phi_{140}\ \Phi_{115}\ \Phi_{92}\ \Phi_{28}^2\ \Phi_{23}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
132180	1740	420	$\frac{1}{30}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{420}^8\ \Phi_{140}^7\ \Phi_{84}^8\ \Phi_{60}^8\ \Phi_{30}^4\ \Phi_{28}^8\ \Phi_{20}^7\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{4}^8\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
132181	1740	1932	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{11}{69}$	$\frac{13}{28}$	$\Phi_{1932}^2\ \Phi_{644}\ \Phi_{276}^2\ \Phi_{92}\ \Phi_{84}^2\ \Phi_{69}^2\ \Phi_{28}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
132182	1740	3294	$\frac{1}{61}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{3294}\ \Phi_{1098}\ \Phi_{366}\ \Phi_{183}\ \Phi_{122}$
132183	1740	432	$\frac{1}{16}$	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{25}{54}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^5\ \Phi_{108}^4\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{27}^4\ \Phi_{24}^5\ \Phi_{18}\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_{9}^4\ \Phi_{8}^4\ \Phi_{6}\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{1}^4$
132184	1740	1326	$\frac{7}{442}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1326}^2\ \Phi_{663}^2\ \Phi_{102}^2\ \Phi_{78}^2\ \Phi_{51}^2\ \Phi_{39}\ \Phi_{6}^2$
132185	1740	1040	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{7}{65}$	$\frac{6}{13}$	$\Phi_{1040}^2\ \Phi_{520}^2\ \Phi_{260}^2\ \Phi_{208}\ \Phi_{130}^2\ \Phi_{104}\ \Phi_{80}^2\ \Phi_{52}\ \Phi_{40}^2\ \Phi_{26}\ \Phi_{20}^2\ \Phi_{10}^2$
132186	1740	185	$\frac{11}{185}$	$\frac{3}{37}$	$\frac{4}{37}$	$\frac{17}{37}$	$\Phi_{185}^{10}\ \Phi_{37}^{7}\ \Phi_{5}^{10}\ \Phi_{1}^{8}$
132187	1740	1830	$\frac{1}{30}$	$\frac{5}{61}$	$\frac{11}{61}$	$\frac{28}{61}$	$\Phi_{1830}\ \Phi_{915}\ \Phi_{610}\ \Phi_{366}\ \Phi_{305}\ \Phi_{183}\ \Phi_{122}$
132188	1740	804	$\frac{1}{67}$	$\frac{11}{134}$	$\frac{1}{3}$	$\frac{123}{268}$	$\Phi_{804}^6\ \Phi_{201}\ \Phi_{12}^6$
132189	1740	3360	$\frac{1}{21}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{160}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
132190	1740	1617	$\frac{2}{147}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{231}\ \Phi_{147}^2\ \Phi_{77}\ \Phi_{49}^2\ \Phi_{21}^2\ \Phi_{11}\ \Phi_{7}^2\ \Phi_{1}^2$
132191	1740	2376	$\frac{1}{72}$	$\frac{1}{11}$	$\frac{71}{216}$	$\frac{5}{11}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{11}\ \Phi_{1}^2$
132192	1740	1628	$\frac{3}{148}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{1628}\ \Phi_{814}\ \Phi_{407}\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{11}\ \Phi_{1}^2$
132193	1740	2112	$\frac{1}{48}$	$\frac{1}{11}$	$\frac{47}{192}$	$\frac{5}{11}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{11}\ \Phi_{1}^2$
132194	1740	396	$\frac{1}{36}$	$\frac{1}{11}$	$\frac{7}{36}$	$\frac{5}{11}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^4\ \Phi_{99}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{36}^8\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_{11}^5\ \Phi_{9}^8\ \Phi_{6}^8\ \Phi_{4}^8\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^{10}$
132195	1740	330	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{330}^5\ \Phi_{165}^5\ \Phi_{110}^5\ \Phi_{66}^4\ \Phi_{55}^5\ \Phi_{33}^4\ \Phi_{30}^{10}\ \Phi_{22}^4\ \Phi_{15}^{10}\ \Phi_{11}^5\ \Phi_{10}^{10}\ \Phi_{6}^8\ \Phi_{5}^{10}\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^{10}$
132196	1740	1848	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{23}{168}$	$\frac{5}{11}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{168}^2\ \Phi_{154}\ \Phi_{84}^2\ \Phi_{77}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_{7}^2\ \Phi_{1}^2$
132197	1740	1672	$\frac{7}{152}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{418}\ \Phi_{209}\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{11}\ \Phi_{1}^2$
132198	1740	1683	$\frac{8}{153}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{11}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}^2\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_{11}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
132199	1740	1782	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{17}{162}$	$\frac{5}{11}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{11}\ \Phi_1^2$
132200	1740	352	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{3}{32}$	$\frac{5}{11}$	$\Phi_{352}^5\ \Phi_{176}^4\ \Phi_{88}^4\ \Phi_{44}^4\ \Phi_{32}^{10}\ \Phi_{22}^4\ \Phi_{16}^8\ \Phi_{11}^5\ \Phi_8^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{10}$
132201	1740	1716	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{286}\ \Phi_{156}^2\ \Phi_{143}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{11}\ \Phi_1^2$
132202	1740	1739	$\frac{49}{1739}$	$\frac{169}{1739}$	$\frac{318}{1739}$	$\frac{785}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_1^2$
132203	1740	2324	$\frac{11}{581}$	$\frac{57}{581}$	$\frac{1}{4}$	$\frac{262}{581}$	$\Phi_{2324}\ \Phi_{1162}\ \Phi_{332}\ \Phi_{166}\ \Phi_{28}\ \Phi_{14}$
132204	1740	2440	$\frac{1}{61}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{2440}\ \Phi_{610}\ \Phi_{488}\ \Phi_{305}\ \Phi_{122}$
132205	1740	792	$\frac{1}{88}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{792}^2\ \Phi_{396}^2\ \Phi_{264}^3\ \Phi_{198}^2\ \Phi_{132}^3\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{66}^3\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
132206	1740	1557	$\frac{2}{173}$	$\frac{1}{9}$	$\frac{57}{173}$	$\frac{4}{9}$	$\Phi_{1557}\ \Phi_{519}\ \Phi_{173}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
132207	1740	2124	$\frac{1}{59}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{2124}\ \Phi_{1062}\ \Phi_{708}\ \Phi_{354}\ \Phi_{236}^2\ \Phi_{118}^2$
132208	1740	1557	$\frac{5}{173}$	$\frac{1}{9}$	$\frac{28}{173}$	$\frac{4}{9}$	$\Phi_{1557}\ \Phi_{519}\ \Phi_{173}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
132209	1740	630	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^4\ \Phi_{126}^3\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{63}^2\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^2$
132210	1740	1008	$\frac{1}{16}$	$\frac{5}{63}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{18}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_6$
132211	1740	208	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{52}$	$\Phi_{208}^9\ \Phi_{104}^9\ \Phi_{52}^5\ \Phi_{26}^9\ \Phi_{16}^8\ \Phi_{13}^8\ \Phi_8^8\ \Phi_4^4\ \Phi_2^8\ \Phi_1^8$
132212	1740	259	$\frac{1}{37}$	$\frac{31}{259}$	$\frac{6}{37}$	$\frac{114}{259}$	$\Phi_{259}^6\ \Phi_{37}^{11}\ \Phi_7^6\ \Phi_1^{12}$
132213	1740	672	$\frac{1}{21}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{672}^3\ \Phi_{336}^2\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^2\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^2\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_3^2$
132214	1740	462	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{154}$	$\Phi_{462}^7\ \Phi_{231}\ \Phi_{154}^6\ \Phi_{77}\ \Phi_{66}^7\ \Phi_{42}^7\ \Phi_{33}\ \Phi_{22}^6\ \Phi_{14}^6\ \Phi_6^7\ \Phi_2^6$
132215	1740	1739	$\frac{17}{1739}$	$\frac{233}{1739}$	$\frac{574}{1739}$	$\frac{753}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_1^2$
132216	1740	1739	$\frac{34}{1739}$	$\frac{233}{1739}$	$\frac{341}{1739}$	$\frac{753}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_1^2$
132217	1740	148	$\frac{3}{148}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{148}^{12}\ \Phi_{74}^{12}\ \Phi_{37}^{11}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
132218	1740	616	$\frac{1}{88}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{616}^3\ \Phi_{308}^3\ \Phi_{154}^3\ \Phi_{88}^2\ \Phi_{77}^3\ \Phi_{56}^3\ \Phi_{44}^2\ \Phi_{28}^3\ \Phi_{22}^2\ \Phi_{14}^3\ \Phi_{11}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
132219	1740	588	$\frac{2}{147}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{588}^4\ \Phi_{294}^4\ \Phi_{196}^4\ \Phi_{98}^4\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^2\ \Phi_2^2$
132220	1740	1001	$\frac{4}{91}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1001}^2\ \Phi_{143}^2\ \Phi_{77}$
132221	1740	1830	$\frac{1}{30}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{26}{61}$	$\Phi_{1830}\ \Phi_{915}\ \Phi_{610}\ \Phi_{366}\ \Phi_{305}\ \Phi_{183}\ \Phi_{122}$
132222	1740	3050	$\frac{1}{61}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{3050}\ \Phi_{610}\ \Phi_{305}\ \Phi_{122}$
132223	1740	550	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{4}{25}$	$\frac{21}{50}$	$\Phi_{550}^6\ \Phi_{275}\ \Phi_{110}^6\ \Phi_{55}\ \Phi_{22}^6$
132224	1740	1829	$\frac{1}{59}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	Φ_{1829}
132225	1740	1739	$\frac{53}{1739}$	$\frac{202}{1739}$	$\frac{281}{1739}$	$\frac{729}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_1^2$
132226	1740	2094	$\frac{7}{349}$	$\frac{57}{349}$	$\frac{1}{6}$	$\frac{146}{349}$	$\Phi_{2094}\ \Phi_{1047}\ \Phi_{698}$
132227	1740	996	$\frac{1}{83}$	$\frac{41}{249}$	$\frac{1}{4}$	$\frac{104}{249}$	$\Phi_{996}^2\ \Phi_{498}^2\ \Phi_{332}^3\ \Phi_{166}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
132228	1740	2196	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{2196}\ \Phi_{1098}\ \Phi_{549}\ \Phi_{366}\ \Phi_{183}\ \Phi_{122}$
132229	1740	1739	$\frac{35}{1739}$	$\frac{284}{1739}$	$\frac{291}{1739}$	$\frac{724}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_1^2$
132230	1740	148	$\frac{1}{37}$	$\frac{9}{74}$	$\frac{13}{74}$	$\frac{61}{148}$	$\Phi_{148}^{20}\ \Phi_{74}^4\ \Phi_{37}^3\ \Phi_4^{20}\ \Phi_2^4\ \Phi_1^4$
132231	1740	1830	$\frac{1}{30}$	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{25}{61}$	$\Phi_{1830}\ \Phi_{915}\ \Phi_{610}\ \Phi_{366}\ \Phi_{305}\ \Phi_{183}\ \Phi_{122}$
132232	1740	185	$\frac{2}{37}$	$\frac{11}{185}$	$\frac{7}{37}$	$\frac{15}{37}$	$\Phi_{185}^{10}\ \Phi_{37}^7\ \Phi_5^{10}\ \Phi_1^8$
132233	1740	94	$\frac{2}{47}$	$\frac{7}{94}$	$\frac{9}{47}$	$\frac{19}{47}$	$\Phi_{94}^{20}\ \Phi_{47}^{17}\ \Phi_2^{20}\ \Phi_1^{18}$
132234	1740	1739	$\frac{54}{1739}$	$\frac{173}{1739}$	$\frac{337}{1739}$	$\frac{701}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_1^2$
132235	1740	679	$\frac{2}{97}$	$\frac{1}{7}$	$\frac{19}{97}$	$\frac{39}{97}$	$\Phi_{679}^3\ \Phi_7^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
132236	1740	1739	$\frac{24}{1739}$	$\frac{343}{1739}$	$\frac{347}{1739}$	$\frac{698}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_{1}^{2}$
132237	1740	2324	$\frac{6}{581}$	$\frac{115}{581}$	$\frac{1}{4}$	$\frac{233}{581}$	$\Phi_{2324}\ \Phi_{1162}\ \Phi_{332}\ \Phi_{166}\ \Phi_{28}\ \Phi_{14}$
132238	1740	1739	$\frac{14}{1739}$	$\frac{345}{1739}$	$\frac{521}{1739}$	$\frac{697}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_{1}^{2}$
132239	1740	2613	$\frac{6}{871}$	$\frac{173}{871}$	$\frac{1}{3}$	$\frac{349}{871}$	$\Phi_{2613}\ \Phi_{201}\ \Phi_{39}$
132240	1740	2190	$\frac{1}{146}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{2190}\ \Phi_{1095}\ \Phi_{438}^{2}\ \Phi_{219}^{2}\ \Phi_{30}\ \Phi_{6}^{2}$
132241	1740	1445	$\frac{4}{289}$	$\frac{57}{289}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1445}\ \Phi_{289}^{2}\ \Phi_{85}\ \Phi_{17}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
132242	1740	1770	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{590}\ \Phi_{354}^{2}\ \Phi_{177}^{2}\ \Phi_{118}^{2}$
132243	1740	1445	$\frac{9}{289}$	$\frac{28}{289}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1445}\ \Phi_{289}^{2}\ \Phi_{85}\ \Phi_{17}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
132244	1740	330	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{330}^{6}\ \Phi_{165}^{6}\ \Phi_{110}^{6}\ \Phi_{66}^{6}\ \Phi_{55}^{5}\ \Phi_{33}^{6}\ \Phi_{22}^{6}\ \Phi_{11}^{4}$
132245	1740	765	$\frac{8}{153}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{765}^{2}\ \Phi_{255}^{2}\ \Phi_{153}^{4}\ \Phi_{85}\ \Phi_{51}^{4}\ \Phi_{45}^{2}\ \Phi_{17}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
132246	1740	2928	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{2928}\ \Phi_{976}\ \Phi_{366}\ \Phi_{183}\ \Phi_{122}$
132247	1740	1898	$\frac{1}{146}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1898}\ \Phi_{949}\ \Phi_{26}$
132248	1740	47	$\frac{2}{47}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{18}{47}$	$\Phi_{47}^{37}\ \Phi_{1}^{38}$
132249	1740	1540	$\frac{1}{35}$	$\frac{1}{11}$	$\frac{17}{70}$	$\frac{53}{140}$	$\Phi_{1540}^{2}\ \Phi_{385}\ \Phi_{308}^{2}\ \Phi_{220}^{2}\ \Phi_{77}\ \Phi_{55}\ \Phi_{44}^{2}$
132250	1740	4200	$\frac{1}{175}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{4200}\ \Phi_{840}\ \Phi_{600}\ \Phi_{525}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{75}\ \Phi_{21}\ \Phi_{15}$
132251	1740	2776	$\frac{2}{347}$	$\frac{1}{4}$	$\frac{115}{347}$	$\frac{3}{8}$	$\Phi_{2776}\ \Phi_{347}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
132252	1740	936	$\frac{1}{117}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{936}^{3}\ \Phi_{468}\ \Phi_{312}^{3}\ \Phi_{234}\ \Phi_{156}\ \Phi_{104}^{3}\ \Phi_{78}\ \Phi_{72}^{3}\ \Phi_{52}\ \Phi_{36}\ \Phi_{26}\ \Phi_{24}^{3}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
132253	1740	2776	$\frac{3}{347}$	$\frac{86}{347}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2776}\ \Phi_{347}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
132254	1740	440	$\frac{1}{88}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^{5}\ \Phi_{220}^{5}\ \Phi_{110}^{5}\ \Phi_{55}^{5}\ \Phi_{40}^{4}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{5}^{4}$
132255	1740	2776	$\frac{5}{347}$	$\frac{57}{347}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2776}\ \Phi_{347}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
132256	1740	3304	$\frac{1}{59}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3304}\ \Phi_{413}$
132257	1740	2776	$\frac{11}{347}$	$\frac{28}{347}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2776}\ \Phi_{347}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
132258	1740	1560	$\frac{1}{30}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1560}^{2}\ \Phi_{520}^{2}\ \Phi_{390}\ \Phi_{312}^{2}\ \Phi_{195}\ \Phi_{130}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}$
132259	1740	1739	$\frac{19}{1739}$	$\frac{344}{1739}$	$\frac{465}{1739}$	$\frac{637}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_{1}^{2}$
132260	1740	1829	$\frac{1}{59}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	Φ_{1829}
132261	1740	148	$\frac{3}{148}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{148}^{12}\ \Phi_{74}^{12}\ \Phi_{37}^{11}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
132262	1740	1739	$\frac{39}{1739}$	$\frac{170}{1739}$	$\frac{523}{1739}$	$\frac{608}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_{1}^{2}$
132263	1740	222	$\frac{1}{37}$	$\frac{3}{37}$	$\frac{34}{111}$	$\frac{77}{222}$	$\Phi_{222}^{12}\ \Phi_{74}^{12}\ \Phi_{37}^{11}\ \Phi_{6}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
132264	1740	1830	$\frac{1}{30}$	$\frac{4}{61}$	$\frac{19}{61}$	$\frac{21}{61}$	$\Phi_{1830}\ \Phi_{915}\ \Phi_{610}\ \Phi_{366}\ \Phi_{305}\ \Phi_{183}\ \Phi_{122}$
132265	1740	924	$\frac{1}{22}$	$\frac{1}{21}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{924}^{3}\ \Phi_{462}\ \Phi_{308}^{3}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}^{3}\ \Phi_{84}^{3}\ \Phi_{77}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}^{3}\ \Phi_{14}\ \Phi_{12}^{3}\ \Phi_{6}$
132266	1740	1739	$\frac{56}{1739}$	$\frac{115}{1739}$	$\frac{561}{1739}$	$\frac{589}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_{1}^{2}$
132267	1740	1925	$\frac{4}{175}$	$\frac{1}{11}$	$\frac{57}{175}$	$\frac{59}{175}$	$\Phi_{1925}\ \Phi_{385}\ \Phi_{275}\ \Phi_{77}\ \Phi_{55}$
132268	1740	1739	$\frac{26}{1739}$	$\frac{231}{1739}$	$\frac{571}{1739}$	$\frac{584}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_{1}^{2}$
132269	1740	2094	$\frac{4}{349}$	$\frac{1}{6}$	$\frac{115}{349}$	$\frac{117}{349}$	$\Phi_{2094}\ \Phi_{1047}\ \Phi_{698}$
132270	1740	1090	$\frac{1}{109}$	$\frac{1}{5}$	$\frac{36}{109}$	$\frac{73}{218}$	$\Phi_{1090}^{3}\ \Phi_{545}\ \Phi_{10}^{3}$
132271	1740	1739	$\frac{8}{1739}$	$\frac{577}{1739}$	$\frac{579}{1739}$	$\frac{581}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_{1}^{2}$
132272	1740	2613	$\frac{4}{871}$	$\frac{289}{871}$	$\frac{1}{3}$	$\frac{291}{871}$	$\Phi_{2613}\ \Phi_{201}\ \Phi_{39}$
132273	1740	651	$\frac{1}{217}$	$\frac{72}{217}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{651}^{2}\ \Phi_{217}^{4}\ \Phi_{93}^{2}\ \Phi_{31}^{4}\ \Phi_{21}^{2}\ \Phi_{7}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
132274	1740	876	$\frac{1}{146}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{876}^2\ \Phi_{438}\ \Phi_{292}^4\ \Phi_{219}\ \Phi_{146}^2\ \Phi_{73}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
132275	1740	651	$\frac{2}{217}$	$\frac{43}{217}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{651}^2\ \Phi_{217}^4\ \Phi_{93}^2\ \Phi_{31}^4\ \Phi_{21}^2\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
132276	1740	264	$\frac{1}{88}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{264}^7\ \Phi_{132}^7\ \Phi_{88}^6\ \Phi_{66}^7\ \Phi_{44}^6\ \Phi_{33}^7\ \Phi_{24}^7\ \Phi_{22}^6\ \Phi_{12}^7\ \Phi_{11}^6\ \Phi_8^6\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
132277	1740	147	$\frac{2}{147}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{147}^{12}\ \Phi_{49}^{12}\ \Phi_{21}^{11}\ \Phi_7^{10}\ \Phi_3^{12}\ \Phi_1^{12}$
132278	1740	1488	$\frac{1}{62}$	$\frac{61}{496}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}^2\ \Phi_{372}\ \Phi_{248}^2\ \Phi_{124}^2\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
132279	1740	1344	$\frac{13}{448}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}^2\ \Phi_{336}\ \Phi_{224}^2\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}^2\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
132280	1740	93	$\frac{1}{31}$	$\frac{2}{31}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{93}^{14}\ \Phi_{31}^{28}\ \Phi_3^{15}\ \Phi_1^{30}$
132281	1740	240	$\frac{1}{30}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{80}^8\ \Phi_{60}^8\ \Phi_{48}^7\ \Phi_{40}^8\ \Phi_{30}^4\ \Phi_{24}^7\ \Phi_{20}^8\ \Phi_{16}^6\ \Phi_{15}^4\ \Phi_{12}^7\ \Phi_{10}^4\ \Phi_8^6\ \Phi_6^3\ \Phi_5^4\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
132282	1740	1038	$\frac{2}{173}$	$\frac{1}{6}$	$\frac{57}{173}$	$\frac{1}{3}$	$\Phi_{1038}^2\ \Phi_{519}\ \Phi_{346}^2\ \Phi_{173}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
132283	1740	1512	$\frac{1}{72}$	$\frac{1}{7}$	$\frac{71}{216}$	$\frac{1}{3}$	$\Phi_{1512}^2\ \Phi_{756}^2\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{21}$
132284	1740	201	$\frac{1}{67}$	$\frac{9}{67}$	$\frac{22}{67}$	$\frac{1}{3}$	$\Phi_{201}^{13}\ \Phi_3^{12}$
132285	1740	1419	$\frac{1}{43}$	$\frac{1}{11}$	$\frac{14}{43}$	$\frac{1}{3}$	$\Phi_{1419}^2\ \Phi_{33}^3$
132286	1740	429	$\frac{4}{143}$	$\frac{1}{13}$	$\frac{139}{429}$	$\frac{1}{3}$	$\Phi_{429}^3\ \Phi_{143}^6\ \Phi_{39}^4\ \Phi_{33}^3\ \Phi_{13}^6\ \Phi_{11}^6\ \Phi_3^3\ \Phi_1^6$
132287	1740	2613	$\frac{28}{871}$	$\frac{59}{871}$	$\frac{281}{871}$	$\frac{1}{3}$	$\Phi_{2613}\ \Phi_{201}\ \Phi_{39}$
132288	1740	2736	$\frac{2}{57}$	$\frac{1}{16}$	$\frac{55}{171}$	$\frac{1}{3}$	$\Phi_{2736}\ \Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
132289	1740	870	$\frac{1}{30}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{870}^2\ \Phi_{435}^2\ \Phi_{290}^2\ \Phi_{174}^2\ \Phi_{145}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{30}^4\ \Phi_{29}^2\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
132290	1740	1302	$\frac{1}{31}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}^2\ \Phi_{217}^2\ \Phi_{186}\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{31}^2$
132291	1740	897	$\frac{9}{299}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{897}^3\ \Phi_{69}^3\ \Phi_{39}$
132292	1740	2613	$\frac{21}{871}$	$\frac{85}{871}$	$\frac{262}{871}$	$\frac{1}{3}$	$\Phi_{2613}\ \Phi_{201}\ \Phi_{39}$
132293	1740	1239	$\frac{1}{59}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{1239}^2\ \Phi_{177}^3$
132294	1740	201	$\frac{1}{67}$	$\frac{11}{67}$	$\frac{56}{201}$	$\frac{1}{3}$	$\Phi_{201}^7\ \Phi_{67}^{12}\ \Phi_3^6\ \Phi_1^{12}$
132295	1740	1617	$\frac{2}{147}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{231}\ \Phi_{147}^2\ \Phi_{77}\ \Phi_{49}^2\ \Phi_{21}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_1^2$
132296	1740	2613	$\frac{11}{871}$	$\frac{172}{871}$	$\frac{233}{871}$	$\frac{1}{3}$	$\Phi_{2613}\ \Phi_{201}\ \Phi_{39}$
132297	1740	2376	$\frac{1}{88}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{264}\ \Phi_{216}\ \Phi_{132}\ \Phi_{108}\ \Phi_{66}\ \Phi_{54}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
132298	1740	2940	$\frac{2}{147}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{980}\ \Phi_{490}\ \Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{70}\ \Phi_{20}\ \Phi_{10}$
132299	1740	3468	$\frac{4}{289}$	$\frac{57}{289}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3468}\ \Phi_{1734}\ \Phi_{204}\ \Phi_{102}\ \Phi_{12}^2\ \Phi_6^2$
132300	1740	708	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{708}^3\ \Phi_{354}\ \Phi_{236}^4\ \Phi_{177}^2\ \Phi_{118}^2\ \Phi_{59}^2$
132301	1740	3108	$\frac{3}{148}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3108}\ \Phi_{1554}\ \Phi_{777}\ \Phi_{21}$
132302	1740	3468	$\frac{9}{289}$	$\frac{28}{289}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3468}\ \Phi_{1734}\ \Phi_{204}\ \Phi_{102}\ \Phi_{12}^2\ \Phi_6^2$
132303	1740	2976	$\frac{1}{31}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2976}\ \Phi_{1488}\ \Phi_{744}\ \Phi_{93}$
132304	1740	660	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^4\ \Phi_{330}^2\ \Phi_{220}^4\ \Phi_{165}^2\ \Phi_{132}^3\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{55}^2\ \Phi_{44}^4\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2$
132305	1740	612	$\frac{8}{153}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{612}^4\ \Phi_{306}^4\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{68}^4\ \Phi_{36}^4\ \Phi_{34}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
132306	1740	1608	$\frac{1}{67}$	$\frac{101}{536}$	$\frac{33}{134}$	$\frac{1}{3}$	$\Phi_{1608}^2\ \Phi_{804}^2\ \Phi_{201}\ \Phi_{24}^2\ \Phi_{12}^2$
132307	1740	1344	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{47}{192}$	$\frac{1}{3}$	$\Phi_{1344}^2\ \Phi_{672}^2\ \Phi_{448}^2\ \Phi_{224}^2\ \Phi_{21}$
132308	1740	1716	$\frac{6}{143}$	$\frac{1}{13}$	$\frac{137}{572}$	$\frac{1}{3}$	$\Phi_{1716}^2\ \Phi_{858}^2\ \Phi_{156}^2\ \Phi_{132}^2\ \Phi_{78}^2\ \Phi_{66}^2\ \Phi_{39}\ \Phi_{12}^2\ \Phi_6^2$
132309	1740	912	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{9}{38}$	$\frac{1}{3}$	$\Phi_{912}^3\ \Phi_{456}^3\ \Phi_{228}^3\ \Phi_{114}\ \Phi_{57}^2\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
132310	1740	273	$\frac{4}{91}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{273}^{10}\ \Phi_{39}^{7}\ \Phi_{21}^{10}\ \Phi_{3}^{6}$
132311	1740	2196	$\frac{1}{61}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2196}\ \Phi_{1098}\ \Phi_{732}\ \Phi_{366}\ \Phi_{244}\ \Phi_{183}\ \Phi_{122}$
132312	1740	2079	$\frac{7}{297}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{231}\ \Phi_{189}\ \Phi_{77}\ \Phi_{21}$
132313	1740	252	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{7}{36}$	$\frac{1}{3}$	$\Phi_{252}^{8}\ \Phi_{126}^{8}\ \Phi_{84}^{8}\ \Phi_{63}^{8}\ \Phi_{42}^{8}\ \Phi_{28}^{8}\ \Phi_{21}^{9}\ \Phi_{14}^{8}\ \Phi_{7}^{8}$
132314	1740	201	$\frac{2}{67}$	$\frac{9}{67}$	$\frac{13}{67}$	$\frac{1}{3}$	$\Phi_{201}^{13}\ \Phi_{3}^{12}$
132315	1740	870	$\frac{1}{30}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{870}^{2}\ \Phi_{435}^{2}\ \Phi_{290}^{2}\ \Phi_{174}^{2}\ \Phi_{145}^{2}\ \Phi_{87}\ \Phi_{58}^{2}\ \Phi_{30}^{4}\ \Phi_{29}^{2}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
132316	1740	3255	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{3255}\ \Phi_{465}\ \Phi_{93}$
132317	1740	2613	$\frac{25}{871}$	$\frac{141}{871}$	$\frac{146}{871}$	$\frac{1}{3}$	$\Phi_{2613}\ \Phi_{201}\ \Phi_{39}$
132318	1740	1038	$\frac{5}{173}$	$\frac{28}{173}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1038}^{2}\ \Phi_{519}\ \Phi_{346}^{2}\ \Phi_{173}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
132319	1740	210	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{210}^{10}\ \Phi_{105}^{10}\ \Phi_{70}^{10}\ \Phi_{42}^{8}\ \Phi_{35}^{10}\ \Phi_{21}^{9}\ \Phi_{14}^{8}\ \Phi_{7}^{8}$
132320	1740	156	$\frac{11}{156}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{3}$	$\Phi_{156}^{12}\ \Phi_{78}^{12}\ \Phi_{52}^{12}\ \Phi_{39}^{7}\ \Phi_{26}^{12}\ \Phi_{13}^{12}\ \Phi_{12}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
132321	1740	168	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{168}^{10}\ \Phi_{84}^{10}\ \Phi_{56}^{10}\ \Phi_{42}^{10}\ \Phi_{28}^{10}\ \Phi_{24}^{12}\ \Phi_{21}^{11}\ \Phi_{14}^{10}\ \Phi_{12}^{12}\ \Phi_{8}^{12}\ \Phi_{7}^{10}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
132322	1740	3192	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{3192}\ \Phi_{1596}\ \Phi_{798}\ \Phi_{399}\ \Phi_{21}$
132323	1740	1071	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1071}^{2}\ \Phi_{357}^{2}\ \Phi_{119}^{2}\ \Phi_{21}$
132324	1740	1134	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1134}^{2}\ \Phi_{567}^{2}\ \Phi_{378}^{2}\ \Phi_{189}^{2}\ \Phi_{21}$
132325	1740	672	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{672}^{5}\ \Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{84}^{4}\ \Phi_{42}^{4}\ \Phi_{21}^{5}$
132326	1740	1092	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1092}^{2}\ \Phi_{546}^{2}\ \Phi_{364}^{2}\ \Phi_{273}^{2}\ \Phi_{182}^{2}\ \Phi_{91}^{2}\ \Phi_{21}$
132327	1740	201	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{9}{67}$	$\frac{1}{3}$	$\Phi_{201}^{13}\ \Phi_{3}^{12}$
132328	1740	3003	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{131}{1001}$	$\frac{1}{3}$	$\Phi_{3003}\ \Phi_{273}\ \Phi_{231}\ \Phi_{39}\ \Phi_{21}$
132329	1740	2988	$\frac{1}{83}$	$\frac{167}{747}$	$\frac{1}{4}$	$\frac{82}{249}$	$\Phi_{2988}\ \Phi_{1494}\ \Phi_{332}\ \Phi_{166}\ \Phi_{36}\ \Phi_{18}$
132330	1740	2376	$\frac{1}{72}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{71}{216}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}^{2}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
132331	1740	1080	$\frac{1}{72}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{71}{216}$	$\Phi_{1080}^{3}\ \Phi_{540}^{3}\ \Phi_{270}^{3}\ \Phi_{135}^{3}\ \Phi_{20}\ \Phi_{10}$
132332	1740	3444	$\frac{6}{287}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{281}{861}$	$\Phi_{3444}\ \Phi_{1722}\ \Phi_{492}\ \Phi_{246}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
132333	1740	817	$\frac{1}{43}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{14}{43}$	$\Phi_{817}^{2}\ \Phi_{43}^{4}\ \Phi_{19}^{3}\ \Phi_{1}^{6}$
132334	1740	1290	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{14}{43}$	$\Phi_{1290}^{2}\ \Phi_{645}^{2}\ \Phi_{430}^{2}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{3}$
132335	1740	333	$\frac{1}{37}$	$\frac{43}{333}$	$\frac{25}{111}$	$\frac{12}{37}$	$\Phi_{333}^{6}\ \Phi_{111}^{3}\ \Phi_{37}^{5}\ \Phi_{9}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
132336	1740	37	$\frac{1}{37}$	$\frac{5}{37}$	$\frac{8}{37}$	$\frac{12}{37}$	$\Phi_{37}^{47}\ \Phi_{1}^{48}$
132337	1740	2094	$\frac{10}{349}$	$\frac{1}{6}$	$\frac{59}{349}$	$\frac{113}{349}$	$\Phi_{2094}\ \Phi_{1047}\ \Phi_{698}$
132338	1740	1739	$\frac{50}{1739}$	$\frac{289}{1739}$	$\frac{294}{1739}$	$\frac{563}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_{1}^{2}$
132339	1740	2180	$\frac{13}{436}$	$\frac{59}{436}$	$\frac{1}{5}$	$\frac{141}{436}$	$\Phi_{2180}\ \Phi_{1090}\ \Phi_{545}\ \Phi_{20}\ \Phi_{10}$
132340	1740	2478	$\frac{2}{59}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{19}{59}$	$\Phi_{2478}\ \Phi_{1239}\ \Phi_{354}\ \Phi_{177}\ \Phi_{59}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
132341	1740	1888	$\frac{2}{59}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{19}{59}$	$\Phi_{1888}\ \Phi_{944}\ \Phi_{472}\ \Phi_{59}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
132342	1740	2065	$\frac{2}{59}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{19}{59}$	$\Phi_{2065}\ \Phi_{295}\ \Phi_{59}\ \Phi_{35}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
132343	1740	825	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{17}{75}$	$\frac{8}{25}$	$\Phi_{825}^{3}\ \Phi_{275}\ \Phi_{165}^{3}\ \Phi_{55}\ \Phi_{33}^{3}$
132344	1740	141	$\frac{2}{47}$	$\frac{16}{141}$	$\frac{25}{141}$	$\frac{15}{47}$	$\Phi_{141}^{12}\ \Phi_{47}^{13}\ \Phi_{3}^{12}\ \Phi_{1}^{14}$
132345	1740	935	$\frac{4}{85}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{27}{85}$	$\Phi_{935}^{2}\ \Phi_{187}^{2}\ \Phi_{55}^{3}\ \Phi_{11}^{2}$
132346	1740	423	$\frac{8}{141}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{133}{423}$	$\Phi_{423}^{6}\ \Phi_{47}\ \Phi_{9}^{6}\ \Phi_{1}^{2}$
132347	1740	1102	$\frac{1}{19}$	$\frac{2}{29}$	$\frac{9}{38}$	$\frac{9}{29}$	$\Phi_{1102}^{2}\ \Phi_{551}\ \Phi_{58}^{2}\ \Phi_{38}^{4}\ \Phi_{29}^{2}\ \Phi_{19}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
132348	1740	84	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{84}^{27}\ \Phi_{42}^{14}\ \Phi_{28}^{29}\ \Phi_{21}^{13}\ \Phi_{14}^{15}\ \Phi_{12}^{27}\ \Phi_{7}^{14}\ \Phi_{6}^{14}\ \Phi_{4}^{28}\ \Phi_{3}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
132349	1740	2478	$\frac{3}{59}$	$\frac{1}{14}$	$\frac{14}{59}$	$\frac{13}{42}$	$\Phi_{2478}\ \Phi_{1239}\ \Phi_{354}\ \Phi_{177}\ \Phi_{59}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
132350	1740	1680	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{1680}^{2}\ \Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{240}^{2}\ \Phi_{210}\ \Phi_{120}^{2}\ \Phi_{105}\ \Phi_{80}\ \Phi_{60}^{2}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
132351	1740	2478	$\frac{4}{59}$	$\frac{1}{14}$	$\frac{11}{59}$	$\frac{13}{42}$	$\Phi_{2478}\ \Phi_{1239}\ \Phi_{354}\ \Phi_{177}\ \Phi_{59}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
132352	1740	546	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{13}{42}$	$\Phi_{546}^{3}\ \Phi_{273}^{3}\ \Phi_{182}^{4}\ \Phi_{91}^{4}\ \Phi_{78}^{4}\ \Phi_{39}^{4}\ \Phi_{26}^{5}\ \Phi_{13}^{4}$
132353	1740	2478	$\frac{1}{14}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{13}{42}$	$\Phi_{2478}\ \Phi_{1239}\ \Phi_{354}\ \Phi_{177}\ \Phi_{59}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
132354	1740	462	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{13}{42}$	$\Phi_{462}^{6}\ \Phi_{231}^{6}\ \Phi_{77}\ \Phi_{66}^{6}\ \Phi_{33}^{6}$
132355	1740	332	$\frac{3}{83}$	$\frac{8}{83}$	$\frac{1}{4}$	$\frac{25}{83}$	$\Phi_{332}^{7}\ \Phi_{166}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
132356	1740	2160	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{19}{135}$	$\frac{8}{27}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
132357	1740	329	$\frac{2}{47}$	$\frac{38}{329}$	$\frac{9}{47}$	$\frac{97}{329}$	$\Phi_{329}^{5}\ \Phi_{47}^{7}\ \Phi_{7}^{5}\ \Phi_{1}^{8}$
132358	1740	476	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{476}^{5}\ \Phi_{238}^{5}\ \Phi_{68}^{5}\ \Phi_{34}^{5}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
132359	1740	805	$\frac{3}{115}$	$\frac{1}{7}$	$\frac{28}{115}$	$\frac{2}{7}$	$\Phi_{805}^{2}\ \Phi_{161}^{2}\ \Phi_{115}^{3}\ \Phi_{35}^{2}\ \Phi_{23}^{3}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{6}$
132360	1740	210	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{210}^{8}\ \Phi_{105}^{8}\ \Phi_{70}^{8}\ \Phi_{42}^{8}\ \Phi_{35}^{6}\ \Phi_{30}^{12}\ \Phi_{21}^{8}\ \Phi_{15}^{12}\ \Phi_{14}^{8}\ \Phi_{10}^{12}\ \Phi_{7}^{8}\ \Phi_{6}^{12}\ \Phi_{5}^{9}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
132361	1740	483	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{11}{69}$	$\frac{2}{7}$	$\Phi_{483}^{4}\ \Phi_{161}^{2}\ \Phi_{69}^{6}\ \Phi_{23}^{3}\ \Phi_{21}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
132362	1740	693	$\frac{5}{63}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{693}^{3}\ \Phi_{231}^{3}\ \Phi_{99}^{3}\ \Phi_{77}\ \Phi_{33}^{3}$
132363	1740	1296	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{81}$	$\Phi_{1296}^{2}\ \Phi_{648}^{2}\ \Phi_{324}^{2}\ \Phi_{162}^{2}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
132364	1740	1739	$\frac{43}{1739}$	$\frac{263}{1739}$	$\frac{424}{1739}$	$\frac{492}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_{1}^{2}$
132365	1740	1830	$\frac{1}{30}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	$\Phi_{1830}\ \Phi_{915}\ \Phi_{610}\ \Phi_{366}\ \Phi_{305}\ \Phi_{183}\ \Phi_{122}$
132366	1740	840	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{3}\ \Phi_{140}^{2}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{3}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{56}^{3}\ \Phi_{42}^{3}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{28}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
132367	1740	1628	$\frac{3}{148}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{1628}\ \Phi_{814}\ \Phi_{407}\ \Phi_{148}^{2}\ \Phi_{74}^{2}\ \Phi_{37}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
132368	1740	2112	$\frac{1}{48}$	$\frac{2}{11}$	$\frac{47}{192}$	$\frac{3}{11}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}^{2}\ \Phi_{96}^{2}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
132369	1740	396	$\frac{1}{36}$	$\frac{2}{11}$	$\frac{7}{36}$	$\frac{3}{11}$	$\Phi_{396}^{4}\ \Phi_{198}^{4}\ \Phi_{132}^{4}\ \Phi_{99}^{4}\ \Phi_{66}^{4}\ \Phi_{44}^{4}\ \Phi_{36}^{8}\ \Phi_{33}^{4}\ \Phi_{22}^{4}\ \Phi_{18}^{8}\ \Phi_{12}^{8}\ \Phi_{11}^{5}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
132370	1740	330	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{330}^{5}\ \Phi_{165}^{5}\ \Phi_{110}^{5}\ \Phi_{66}^{4}\ \Phi_{55}^{5}\ \Phi_{33}^{4}\ \Phi_{30}^{10}\ \Phi_{22}^{4}\ \Phi_{15}^{10}\ \Phi_{11}^{5}\ \Phi_{10}^{10}\ \Phi_{6}^{8}\ \Phi_{5}^{10}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
132371	1740	1848	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{231}\ \Phi_{168}^{2}\ \Phi_{154}\ \Phi_{84}^{2}\ \Phi_{77}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
132372	1740	1672	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{418}\ \Phi_{209}\ \Phi_{152}^{2}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
132373	1740	1683	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}^{2}\ \Phi_{51}^{2}\ \Phi_{17}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
132374	1740	1782	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{162}^{2}\ \Phi_{81}^{2}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
132375	1740	352	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{352}^{5}\ \Phi_{176}^{4}\ \Phi_{88}^{4}\ \Phi_{44}^{4}\ \Phi_{32}^{10}\ \Phi_{22}^{4}\ \Phi_{16}^{8}\ \Phi_{11}^{5}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
132376	1740	1716	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{286}\ \Phi_{156}^{2}\ \Phi_{143}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
132377	1740	148	$\frac{3}{148}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{148}^{12}\ \Phi_{74}^{12}\ \Phi_{37}^{11}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
132378	1740	1739	$\frac{49}{1739}$	$\frac{318}{1739}$	$\frac{338}{1739}$	$\frac{467}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_{1}^{2}$
132379	1740	2180	$\frac{11}{436}$	$\frac{85}{436}$	$\frac{1}{5}$	$\frac{117}{436}$	$\Phi_{2180}\ \Phi_{1090}\ \Phi_{545}\ \Phi_{20}\ \Phi_{10}$
132380	1740	1739	$\frac{44}{1739}$	$\frac{339}{1739}$	$\frac{350}{1739}$	$\frac{463}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_{1}^{2}$
132381	1740	1830	$\frac{1}{30}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{1830}\ \Phi_{915}\ \Phi_{610}\ \Phi_{366}\ \Phi_{305}\ \Phi_{183}\ \Phi_{122}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
132382	1740	624	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{10}{39}$	$\Phi_{624}^4\ \Phi_{312}^4\ \Phi_{208}\ \Phi_{156}^4\ \Phi_{104}\ \Phi_{78}^4\ \Phi_{52}\ \Phi_{48}^4\ \Phi_{26}\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_{6}^4$
132383	1740	1739	$\frac{51}{1739}$	$\frac{260}{1739}$	$\frac{422}{1739}$	$\frac{439}{1739}$	$\Phi_{1739}\ \Phi_{47}\ \Phi_{37}\ \Phi_{1}^2$
132384	1740	2094	$\frac{9}{349}$	$\frac{1}{6}$	$\frac{85}{349}$	$\frac{88}{349}$	$\Phi_{2094}\ \Phi_{1047}\ \Phi_{698}$
132385	1740	740	$\frac{3}{148}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{740}^3\ \Phi_{370}^3\ \Phi_{185}^3\ \Phi_{20}\ \Phi_{10}$
132386	1740	672	$\frac{1}{21}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{84}\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
132387	1740	960	$\frac{1}{48}$	$\frac{1}{5}$	$\frac{47}{192}$	$\frac{1}{4}$	$\Phi_{960}^3\ \Phi_{480}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{20}\ \Phi_{10}$
132388	1740	1380	$\frac{3}{115}$	$\frac{1}{6}$	$\frac{28}{115}$	$\frac{1}{4}$	$\Phi_{1380}^2\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}^2\ \Phi_{138}\ \Phi_{115}\ \Phi_{92}\ \Phi_{69}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{23}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
132389	1740	2324	$\frac{17}{581}$	$\frac{88}{581}$	$\frac{141}{581}$	$\frac{1}{4}$	$\Phi_{2324}\ \Phi_{1162}\ \Phi_{332}\ \Phi_{166}\ \Phi_{28}\ \Phi_{14}$
132390	1740	1888	$\frac{3}{59}$	$\frac{3}{32}$	$\frac{14}{59}$	$\frac{1}{4}$	$\Phi_{1888}\ \Phi_{944}\ \Phi_{472}\ \Phi_{59}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
132391	1740	836	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{9}{38}$	$\frac{1}{4}$	$\Phi_{836}^3\ \Phi_{418}\ \Phi_{209}^2\ \Phi_{44}^4\ \Phi_{22}^2\ \Phi_{11}^2$
132392	1740	336	$\frac{1}{21}$	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{336}^7\ \Phi_{168}^7\ \Phi_{112}^6\ \Phi_{84}\ \Phi_{56}^6\ \Phi_{48}^7\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}^7\ \Phi_{16}^6\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}^6\ \Phi_{6}$
132393	1740	1140	$\frac{1}{30}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{1140}^2\ \Phi_{570}\ \Phi_{380}^2\ \Phi_{285}\ \Phi_{228}^2\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}^4\ \Phi_{57}\ \Phi_{30}^2\ \Phi_{20}^4\ \Phi_{19}\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
132394	1740	2324	$\frac{16}{581}$	$\frac{113}{581}$	$\frac{117}{581}$	$\frac{1}{4}$	$\Phi_{2324}\ \Phi_{1162}\ \Phi_{332}\ \Phi_{166}\ \Phi_{28}\ \Phi_{14}$
132395	1740	180	$\frac{1}{36}$	$\frac{7}{36}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}^{12}\ \Phi_{45}^{12}\ \Phi_{30}^{12}\ \Phi_{20}^{13}\ \Phi_{15}^{12}\ \Phi_{10}^{13}\ \Phi_{5}^{12}$
132396	1740	2240	$\frac{13}{448}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{320}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
132397	1740	60	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{60}^{38}\ \Phi_{30}^{19}\ \Phi_{20}^{39}\ \Phi_{15}^{19}\ \Phi_{12}^{40}\ \Phi_{10}^{20}\ \Phi_{6}^{20}\ \Phi_{5}^{19}\ \Phi_{4}^{40}\ \Phi_{3}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{20}$
132398	1740	840	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{280}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{20}\ \Phi_{10}$
132399	1740	760	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{760}^3\ \Phi_{380}^3\ \Phi_{190}^3\ \Phi_{95}^3\ \Phi_{20}\ \Phi_{10}$
132400	1740	3060	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{170}\ \Phi_{20}\ \Phi_{10}$
132401	1740	1620	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1620}^2\ \Phi_{810}\ \Phi_{540}^2\ \Phi_{405}\ \Phi_{270}\ \Phi_{135}\ \Phi_{20}\ \Phi_{10}$
132402	1740	160	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{160}^{15}\ \Phi_{80}^{12}\ \Phi_{40}^{12}\ \Phi_{20}^{13}\ \Phi_{10}^{13}\ \Phi_{5}^{12}$
132403	1740	780	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{260}^3\ \Phi_{195}^3\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{20}\ \Phi_{10}$
132404	1740	1888	$\frac{4}{59}$	$\frac{3}{32}$	$\frac{11}{59}$	$\frac{1}{4}$	$\Phi_{1888}\ \Phi_{944}\ \Phi_{472}\ \Phi_{59}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
132405	1740	420	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{420}^7\ \Phi_{210}^7\ \Phi_{140}^6\ \Phi_{84}\ \Phi_{70}^6\ \Phi_{60}^7\ \Phi_{42}\ \Phi_{30}^7\ \Phi_{28}\ \Phi_{20}^6\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}^6\ \Phi_{6}$
132406	1740	276	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{276}^8\ \Phi_{138}^3\ \Phi_{92}^9\ \Phi_{69}^5\ \Phi_{46}^4\ \Phi_{23}^5\ \Phi_{12}^{10}\ \Phi_{6}^4\ \Phi_{4}^{10}\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
132407	1740	1248	$\frac{1}{13}$	$\frac{3}{32}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1248}^2\ \Phi_{624}^2\ \Phi_{416}\ \Phi_{312}^2\ \Phi_{208}\ \Phi_{104}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
132408	1740	1888	$\frac{5}{59}$	$\frac{3}{32}$	$\frac{9}{59}$	$\frac{1}{4}$	$\Phi_{1888}\ \Phi_{944}\ \Phi_{472}\ \Phi_{59}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
132409	1740	2464	$\frac{1}{11}$	$\frac{3}{32}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{616}\ \Phi_{77}$
132410	1740	2065	$\frac{3}{59}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{14}{59}$	$\Phi_{2065}\ \Phi_{295}\ \Phi_{59}\ \Phi_{35}^2\ \Phi_{5}^2\ \Phi_{1}^2$
132411	1740	1102	$\frac{1}{19}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{9}{38}$	$\Phi_{1102}^2\ \Phi_{551}\ \Phi_{58}^2\ \Phi_{38}^4\ \Phi_{29}^2\ \Phi_{19}^2\ \Phi_{2}^4\ \Phi_{1}^4$
132412	1740	798	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{9}{38}$	$\Phi_{798}^3\ \Phi_{399}^3\ \Phi_{266}\ \Phi_{133}^2\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{14}^2\ \Phi_{7}^2$
132413	1740	188	$\frac{3}{47}$	$\frac{4}{47}$	$\frac{43}{188}$	$\frac{11}{47}$	$\Phi_{188}^{12}\ \Phi_{94}^{12}\ \Phi_{47}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^2$
132414	1740	188	$\frac{4}{47}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{43}{188}$	$\Phi_{188}^{12}\ \Phi_{94}^{12}\ \Phi_{47}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^2$
132415	1740	1232	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{112}$	$\Phi_{1232}^2\ \Phi_{616}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{77}$
132416	1740	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{7}{36}$	$\frac{2}{9}$	$\Phi_{144}^{13}\ \Phi_{72}^{13}\ \Phi_{48}^{13}\ \Phi_{36}^{9}\ \Phi_{24}^{13}\ \Phi_{18}^{9}\ \Phi_{16}^{12}\ \Phi_{12}^{9}\ \Phi_{9}^{12}\ \Phi_{8}^{12}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{3}^{12}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
132417	1740	37	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{8}{37}$	$\Phi_{37}^{47}\ \Phi_{1}^{48}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
132418	1740	1078	$\frac{1}{11}$	$\frac{11}{98}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{1078}^2\ \Phi_{539}^2\ \Phi_{77}$
132419	1740	560	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^4\ \Phi_{80}^4\ \Phi_{70}^3\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4$
132420	1740	2065	$\frac{4}{59}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{11}{59}$	$\Phi_{2065}\ \Phi_{295}\ \Phi_{59}\ \Phi_{35}^2\ \Phi_5^2\ \Phi_1^2$
132421	1740	2730	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{35}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{910}\ \Phi_{390}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
132422	1740	2065	$\frac{5}{59}$	$\frac{1}{7}$	$\frac{9}{59}$	$\frac{6}{35}$	$\Phi_{2065}\ \Phi_{295}\ \Phi_{59}\ \Phi_{35}^2\ \Phi_5^2\ \Phi_1^2$
132423	1740	385	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{385}^6\ \Phi_{77}\ \Phi_{55}^6$
132424	1740	329	$\frac{5}{47}$	$\frac{39}{329}$	$\frac{7}{47}$	$\frac{8}{47}$	$\Phi_{329}^6\ \Phi_{47}\ \Phi_7^6\ \Phi_1^2$
132425	1741	2784	$\frac{1}{348}$	$\frac{349}{1392}$	$\frac{1043}{2784}$	$\frac{347}{696}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{696}\ \Phi_{232}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
132426	1741	3472	$\frac{5}{1736}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1731}{3472}$	$\Phi_{3472}\ \Phi_{496}\ \Phi_{112}\ \Phi_{16}\ \Phi_8\ \Phi_1$
132427	1741	3456	$\frac{13}{1728}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1715}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{24}\ \Phi_8\ \Phi_1$
132428	1741	3456	$\frac{13}{1728}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1715}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{18}\ \Phi_9\ \Phi_1$
132429	1741	3456	$\frac{13}{1728}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1715}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{16}\ \Phi_8\ \Phi_1$
132430	1741	1992	$\frac{2}{249}$	$\frac{251}{1992}$	$\frac{1}{3}$	$\frac{247}{498}$	$\Phi_{1992}\ \Phi_{996}\ \Phi_{664}\ \Phi_{332}\ \Phi_{249}\ \Phi_{83}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
132431	1741	2328	$\frac{5}{582}$	$\frac{1}{6}$	$\frac{587}{2328}$	$\frac{577}{1164}$	$\Phi_{2328}\ \Phi_{776}\ \Phi_{582}\ \Phi_{291}\ \Phi_{194}\ \Phi_{97}\ \Phi_{24}\ \Phi_8\ \Phi_1$
132432	1741	3248	$\frac{1}{116}$	$\frac{117}{1624}$	$\frac{1507}{3248}$	$\frac{115}{232}$	$\Phi_{3248}\ \Phi_{464}\ \Phi_{232}\ \Phi_{112}\ \Phi_{16}\ \Phi_8\ \Phi_1$
132433	1741	3444	$\frac{19}{1722}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1703}{3444}$	$\Phi_{3444}\ \Phi_{1148}\ \Phi_{492}\ \Phi_{164}\ \Phi_{84}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
132434	1741	3440	$\frac{21}{1720}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{1699}{3440}$	$\Phi_{3440}\ \Phi_{688}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_8\ \Phi_1$
132435	1741	3360	$\frac{1}{60}$	$\frac{61}{1680}$	$\frac{1619}{3360}$	$\frac{59}{120}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
132436	1741	2520	$\frac{1}{60}$	$\frac{61}{840}$	$\frac{779}{2520}$	$\frac{59}{120}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{63}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
132437	1741	1920	$\frac{1}{60}$	$\frac{179}{1920}$	$\frac{61}{240}$	$\frac{59}{120}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
132438	1741	3420	$\frac{31}{1710}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1679}{3420}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{228}\ \Phi_{180}\ \Phi_{76}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
132439	1741	2340	$\frac{14}{585}$	$\frac{1}{15}$	$\frac{599}{2340}$	$\frac{571}{1170}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{585}\ \Phi_{468}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{156}\ \Phi_{117}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{45}\ \Phi_{39}\ \Phi_{36}\ \Phi_{20}\ \Phi_{13}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
132440	1741	3400	$\frac{41}{1700}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1659}{3400}$	$\Phi_{3400}\ \Phi_{680}\ \Phi_{200}\ \Phi_{136}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_8\ \Phi_1$
132441	1741	2100	$\frac{9}{350}$	$\frac{1}{10}$	$\frac{359}{2100}$	$\frac{341}{700}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}\ \Phi_{105}\ \Phi_{84}\ \Phi_{75}\ \Phi_{70}\ \Phi_{60}\ \Phi_{50}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
132442	1741	2000	$\frac{9}{250}$	$\frac{1}{10}$	$\frac{259}{2000}$	$\frac{241}{500}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{400}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{16}\ \Phi_8\ \Phi_1$
132443	1741	3360	$\frac{61}{1680}$	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{1619}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
132444	1741	3360	$\frac{61}{1680}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1619}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{70}\ \Phi_{35}\ \Phi_{32}\ \Phi_{14}\ \Phi_7\ \Phi_1$
132445	1741	1950	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{209}{1950}$	$\frac{181}{390}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{325}\ \Phi_{195}\ \Phi_{150}\ \Phi_{75}\ \Phi_{65}\ \Phi_{50}\ \Phi_{39}\ \Phi_{25}\ \Phi_{13}\ \Phi_1$
132446	1741	3240	$\frac{1}{60}$	$\frac{121}{1620}$	$\frac{59}{180}$	$\frac{1499}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
132447	1741	3240	$\frac{1}{15}$	$\frac{121}{1620}$	$\frac{14}{135}$	$\frac{1499}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
132448	1741	2592	$\frac{13}{864}$	$\frac{1}{12}$	$\frac{851}{2592}$	$\frac{11}{24}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{24}\ \Phi_8\ \Phi_1$
132449	1741	1776	$\frac{35}{1776}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{592}\ \Phi_{444}\ \Phi_{296}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{24}\ \Phi_8\ \Phi_1$
132450	1741	2304	$\frac{13}{576}$	$\frac{1}{12}$	$\frac{563}{2304}$	$\frac{11}{24}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{24}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
132451	1741	2160	$\frac{13}{432}$	$\frac{1}{12}$	$\frac{419}{2160}$	$\frac{11}{24}$	Φ_{2160} Φ_{1080} Φ_{720} Φ_{540} Φ_{360} Φ_{270} Φ_{240} Φ_{180} Φ_{135} Φ_{120} Φ_{90} Φ_{80} Φ_{60} Φ_{45} Φ_{40} Φ_{30} Φ_{24} Φ_{20} Φ_{15} Φ_{10} Φ_{8} Φ_{5} Φ_{1}
132452	1741	1800	$\frac{59}{1800}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	Φ_{1800} Φ_{900} Φ_{600} Φ_{450} Φ_{360} Φ_{300} Φ_{225} Φ_{200} Φ_{180} Φ_{150} Φ_{120} Φ_{100} Φ_{90} Φ_{75} Φ_{60} Φ_{50} Φ_{45} Φ_{40} Φ_{30} Φ_{25} Φ_{24} Φ_{20} Φ_{15} Φ_{10} Φ_{8} Φ_{5} Φ_{1}
132453	1741	2016	$\frac{13}{288}$	$\frac{1}{12}$	$\frac{275}{2016}$	$\frac{11}{24}$	Φ_{2016} Φ_{1008} Φ_{672} Φ_{504} Φ_{336} Φ_{252} Φ_{224} Φ_{168} Φ_{126} Φ_{112} Φ_{84} Φ_{63} Φ_{56} Φ_{42} Φ_{28} Φ_{24} Φ_{21} Φ_{14} Φ_{8} Φ_{7} Φ_{1}
132454	1741	1824	$\frac{83}{1824}$	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{11}{24}$	Φ_{1824} Φ_{912} Φ_{608} Φ_{456} Φ_{304} Φ_{228} Φ_{152} Φ_{114} Φ_{76} Φ_{57} Φ_{38} Φ_{24} Φ_{19} Φ_{8} Φ_{1}
132455	1741	1944	$\frac{13}{216}$	$\frac{1}{12}$	$\frac{203}{1944}$	$\frac{11}{24}$	Φ_{1944} Φ_{972} Φ_{648} Φ_{486} Φ_{324} Φ_{243} Φ_{162} Φ_{81} Φ_{24} Φ_{8} Φ_{1}
132456	1741	1920	$\frac{13}{192}$	$\frac{1}{12}$	$\frac{179}{1920}$	$\frac{11}{24}$	Φ_{1920} Φ_{960} Φ_{640} Φ_{480} Φ_{384} Φ_{320} Φ_{240} Φ_{160} Φ_{128} Φ_{120} Φ_{80} Φ_{60} Φ_{40} Φ_{30} Φ_{24} Φ_{20} Φ_{15} Φ_{10} Φ_{8} Φ_{5} Φ_{1}
132457	1741	1872	$\frac{131}{1872}$	$\frac{1}{12}$	$\frac{13}{144}$	$\frac{11}{24}$	Φ_{1872} Φ_{936} Φ_{624} Φ_{468} Φ_{312} Φ_{234} Φ_{208} Φ_{156} Φ_{117} Φ_{104} Φ_{78} Φ_{52} Φ_{39} Φ_{26} Φ_{24} Φ_{13} Φ_{8} Φ_{1}
132458	1741	3200	$\frac{1}{20}$	$\frac{141}{1600}$	$\frac{19}{160}$	$\frac{1459}{3200}$	Φ_{3200} Φ_{640} Φ_{160} Φ_{128} Φ_{80} Φ_{40} Φ_{32} Φ_{16} Φ_{8} Φ_{1}
132459	1741	1764	$\frac{23}{1764}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	Φ_{1764} Φ_{882} Φ_{588} Φ_{441} Φ_{294} Φ_{252} Φ_{196} Φ_{147} Φ_{126} Φ_{98} Φ_{84} Φ_{63} Φ_{49} Φ_{36} Φ_{28} Φ_{21} Φ_{18} Φ_{12} Φ_{9} Φ_{7} Φ_{4} Φ_{1}
132460	1741	2400	$\frac{1}{60}$	$\frac{59}{600}$	$\frac{659}{2400}$	$\frac{541}{1200}$	Φ_{2400} Φ_{800} Φ_{600} Φ_{480} Φ_{300} Φ_{200} Φ_{160} Φ_{150} Φ_{120} Φ_{100} Φ_{96} Φ_{75} Φ_{50} Φ_{40} Φ_{32} Φ_{25} Φ_{24} Φ_{8} Φ_{1}
132461	1741	1890	$\frac{1}{15}$	$\frac{149}{1890}$	$\frac{14}{135}$	$\frac{121}{270}$	Φ_{1890} Φ_{945} Φ_{630} Φ_{378} Φ_{315} Φ_{210} Φ_{189} Φ_{135} Φ_{126} Φ_{105} Φ_{70} Φ_{63} Φ_{45} Φ_{42} Φ_{35} Φ_{27} Φ_{21} Φ_{14} Φ_{9} Φ_{7} Φ_{1}
132462	1741	3132	$\frac{1}{87}$	$\frac{175}{1566}$	$\frac{86}{261}$	$\frac{1391}{3132}$	Φ_{3132} Φ_{1044} Φ_{348} Φ_{261} Φ_{116} Φ_{108} Φ_{36} Φ_{12} Φ_{9} Φ_{4} Φ_{1}
132463	1741	3120	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{181}{1560}$	$\frac{1379}{3120}$	Φ_{3120} Φ_{1040} Φ_{624} Φ_{240} Φ_{208} Φ_{195} Φ_{80} Φ_{65} Φ_{48} Φ_{39} Φ_{16} Φ_{13} Φ_{1}
132464	1741	1920	$\frac{1}{20}$	$\frac{179}{1920}$	$\frac{19}{160}$	$\frac{141}{320}$	Φ_{1920} Φ_{960} Φ_{640} Φ_{480} Φ_{384} Φ_{240} Φ_{192} Φ_{160} Φ_{128} Φ_{120} Φ_{96} Φ_{80} Φ_{60} Φ_{48} Φ_{40} Φ_{32} Φ_{30} Φ_{24} Φ_{16} Φ_{15} Φ_{12} Φ_{8} Φ_{6} Φ_{3} Φ_{1}
132465	1741	1820	$\frac{79}{1820}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{140}$	Φ_{1820} Φ_{910} Φ_{455} Φ_{364} Φ_{260} Φ_{182} Φ_{130} Φ_{91} Φ_{70} Φ_{65} Φ_{52} Φ_{35} Φ_{26} Φ_{14} Φ_{13} Φ_{7} Φ_{1}
132466	1741	3080	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{201}{1540}$	$\frac{1339}{3080}$	Φ_{3080} Φ_{616} Φ_{440} Φ_{280} Φ_{220} Φ_{110} Φ_{88} Φ_{56} Φ_{55} Φ_{44} Φ_{40} Φ_{22} Φ_{11} Φ_{8} Φ_{1}
132467	1741	2436	$\frac{1}{87}$	$\frac{86}{609}$	$\frac{695}{2436}$	$\frac{523}{1218}$	Φ_{2436} Φ_{812} Φ_{609} Φ_{348} Φ_{203} Φ_{116} Φ_{84} Φ_{28} Φ_{21} Φ_{12} Φ_{7} Φ_{4} Φ_{1}
132468	1741	3000	$\frac{1}{60}$	$\frac{241}{1500}$	$\frac{59}{300}$	$\frac{1259}{3000}$	Φ_{3000} Φ_{1000} Φ_{600} Φ_{300} Φ_{200} Φ_{150} Φ_{120} Φ_{100} Φ_{75} Φ_{50} Φ_{40} Φ_{25} Φ_{24} Φ_{8} Φ_{1}
132469	1741	3000	$\frac{9}{250}$	$\frac{1}{10}$	$\frac{241}{1500}$	$\frac{1259}{3000}$	Φ_{3000} Φ_{1000} Φ_{600} Φ_{250} Φ_{200} Φ_{125} Φ_{120} Φ_{50} Φ_{40} Φ_{25} Φ_{24} Φ_{8} Φ_{1}
132470	1741	2160	$\frac{1}{60}$	$\frac{59}{360}$	$\frac{419}{2160}$	$\frac{301}{720}$	Φ_{2160} Φ_{1080} Φ_{540} Φ_{432} Φ_{360} Φ_{270} Φ_{216} Φ_{180} Φ_{135} Φ_{120} Φ_{108} Φ_{90} Φ_{72} Φ_{54} Φ_{45} Φ_{40} Φ_{36} Φ_{27} Φ_{24} Φ_{18} Φ_{9} Φ_{8} Φ_{1}
132471	1741	2988	$\frac{2}{249}$	$\frac{247}{1494}$	$\frac{1}{3}$	$\frac{1247}{2988}$	Φ_{2988} Φ_{996} Φ_{332} Φ_{249} Φ_{83} Φ_{36} Φ_{12} Φ_{4} Φ_{1}
132472	1741	1800	$\frac{59}{1800}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	Φ_{1800} Φ_{900} Φ_{600} Φ_{450} Φ_{360} Φ_{300} Φ_{225} Φ_{200} Φ_{180} Φ_{150} Φ_{120} Φ_{90} Φ_{75} Φ_{72} Φ_{60} Φ_{50} Φ_{45} Φ_{40} Φ_{36} Φ_{30} Φ_{25} Φ_{24} Φ_{18} Φ_{15} Φ_{12} Φ_{9} Φ_{8} Φ_{6} Φ_{3} Φ_{1}
132473	1741	1760	$\frac{19}{1760}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	Φ_{1760} Φ_{880} Φ_{440} Φ_{352} Φ_{220} Φ_{176} Φ_{160} Φ_{110} Φ_{88} Φ_{80} Φ_{55} Φ_{44} Φ_{40} Φ_{22} Φ_{20} Φ_{16} Φ_{11} Φ_{10} Φ_{8} Φ_{5} Φ_{1}
132474	1741	2880	$\frac{1}{60}$	$\frac{59}{360}$	$\frac{301}{1440}$	$\frac{1139}{2880}$	Φ_{2880} Φ_{960} Φ_{576} Φ_{360} Φ_{320} Φ_{192} Φ_{180} Φ_{120} Φ_{90} Φ_{72} Φ_{64} Φ_{45} Φ_{40} Φ_{36} Φ_{24} Φ_{18} Φ_{9} Φ_{8} Φ_{1}
132475	1741	2800	$\frac{9}{350}$	$\frac{1}{10}$	$\frac{341}{1400}$	$\frac{1059}{2800}$	Φ_{2800} Φ_{560} Φ_{400} Φ_{350} Φ_{175} Φ_{112} Φ_{80} Φ_{70} Φ_{50} Φ_{35} Φ_{25} Φ_{16} Φ_{14} Φ_{7} Φ_{1}
132476	1741	1984	$\frac{5}{248}$	$\frac{243}{1984}$	$\frac{1}{4}$	$\frac{3}{8}$	Φ_{1984} Φ_{992} Φ_{496} Φ_{64} Φ_{32} Φ_{16} Φ_{8} Φ_{1}
132477	1741	1792	$\frac{51}{1792}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	Φ_{1792} Φ_{896} Φ_{448} Φ_{256} Φ_{224} Φ_{128} Φ_{112} Φ_{64} Φ_{32} Φ_{16} Φ_{8} Φ_{1}
132478	1741	2784	$\frac{1}{116}$	$\frac{115}{464}$	$\frac{349}{1392}$	$\frac{1043}{2784}$	Φ_{2784} Φ_{928} Φ_{464} Φ_{232} Φ_{96} Φ_{32} Φ_{16} Φ_{8} Φ_{1}
132479	1741	1764	$\frac{23}{1764}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	Φ_{1764} Φ_{882} Φ_{588} Φ_{441} Φ_{294} Φ_{252} Φ_{196} Φ_{147} Φ_{126} Φ_{98} Φ_{84} Φ_{63} Φ_{49} Φ_{42} Φ_{28} Φ_{21} Φ_{18} Φ_{14} Φ_{9} Φ_{7} Φ_{1}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
132480	1741	1800	$\frac{59}{1800}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
132481	1741	2640	$\frac{19}{440}$	$\frac{1}{20}$	$\frac{421}{1320}$	$\frac{899}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{440}\ \Phi_{240}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{48}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
132482	1741	2088	$\frac{1}{87}$	$\frac{347}{2088}$	$\frac{86}{261}$	$\frac{175}{522}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{348}\ \Phi_{261}\ \Phi_{232}\ \Phi_{116}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
132483	1741	2616	$\frac{3}{436}$	$\frac{1}{4}$	$\frac{433}{1308}$	$\frac{875}{2616}$	$\Phi_{2616}\ \Phi_{872}\ \Phi_{436}\ \Phi_{218}\ \Phi_{109}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
132484	1741	2241	$\frac{2}{249}$	$\frac{500}{2241}$	$\frac{247}{747}$	$\frac{1}{3}$	$\Phi_{2241}\ \Phi_{249}\ \Phi_{83}\ \Phi_{27}\ \Phi_{1}$
132485	1741	2583	$\frac{19}{861}$	$\frac{2}{21}$	$\frac{842}{2583}$	$\frac{1}{3}$	$\Phi_{2583}\ \Phi_{369}\ \Phi_{63}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
132486	1741	2349	$\frac{1}{87}$	$\frac{175}{783}$	$\frac{608}{2349}$	$\frac{86}{261}$	$\Phi_{2349}\ \Phi_{261}\ \Phi_{81}\ \Phi_{9}\ \Phi_{1}$
132487	1741	2592	$\frac{13}{864}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{851}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
132488	1741	2592	$\frac{13}{864}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{851}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
132489	1741	2160	$\frac{1}{60}$	$\frac{419}{2160}$	$\frac{121}{540}$	$\frac{59}{180}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
132490	1741	2250	$\frac{9}{250}$	$\frac{1}{10}$	$\frac{509}{2250}$	$\frac{241}{750}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{450}\ \Phi_{250}\ \Phi_{225}\ \Phi_{125}\ \Phi_{90}\ \Phi_{50}\ \Phi_{45}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
132491	1741	2565	$\frac{31}{855}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{824}{2565}$	$\Phi_{2565}\ \Phi_{513}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
132492	1741	2550	$\frac{41}{850}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{809}{2550}$	$\Phi_{2550}\ \Phi_{1275}\ \Phi_{510}\ \Phi_{255}\ \Phi_{150}\ \Phi_{102}\ \Phi_{75}\ \Phi_{51}\ \Phi_{50}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
132493	1741	2520	$\frac{61}{840}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{779}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
132494	1741	2025	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{284}{2025}$	$\frac{121}{405}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}\ \Phi_{9}\ \Phi_{1}$
132495	1741	1890	$\frac{149}{1890}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{210}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{54}\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
132496	1741	2430	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{121}{810}$	$\frac{689}{2430}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{486}\ \Phi_{243}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
132497	1741	2304	$\frac{13}{576}$	$\frac{1}{6}$	$\frac{563}{2304}$	$\frac{5}{18}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
132498	1741	1782	$\frac{41}{1782}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{162}\ \Phi_{99}\ \Phi_{81}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
132499	1741	2160	$\frac{13}{432}$	$\frac{1}{6}$	$\frac{419}{2160}$	$\frac{5}{18}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
132500	1741	1800	$\frac{59}{1800}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
132501	1741	2016	$\frac{13}{288}$	$\frac{275}{2016}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
132502	1741	1836	$\frac{95}{1836}$	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
132503	1741	1944	$\frac{13}{216}$	$\frac{203}{1944}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
132504	1741	1872	$\frac{131}{1872}$	$\frac{13}{144}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
132505	1741	2400	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{141}{800}$	$\frac{659}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{160}\ \Phi_{150}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
132506	1741	1776	$\frac{35}{1776}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{592}\ \Phi_{444}\ \Phi_{296}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
132507	1741	2340	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{181}{780}$	$\frac{599}{2340}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{234}\ \Phi_{195}\ \Phi_{180}\ \Phi_{117}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{36}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
132508	1741	1920	$\frac{1}{20}$	$\frac{179}{1920}$	$\frac{19}{80}$	$\frac{61}{240}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
132509	1741	2304	$\frac{13}{576}$	$\frac{3}{16}$	$\frac{563}{2304}$	$\frac{1}{4}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
132510	1741	1792	$\frac{51}{1792}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
132511	1741	2160	$\frac{13}{432}$	$\frac{3}{16}$	$\frac{419}{2160}$	$\frac{1}{4}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
132512	1741	2016	$\frac{13}{288}$	$\frac{275}{2016}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
132513	1741	1824	$\frac{83}{1824}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
132514	1741	1920	$\frac{13}{192}$	$\frac{179}{1920}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
132515	1741	1872	$\frac{131}{1872}$	$\frac{13}{144}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
132516	1741	2240	$\frac{1}{20}$	$\frac{61}{560}$	$\frac{499}{2240}$	$\frac{19}{80}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
132517	1741	2160	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{419}{2160}$	$\frac{121}{540}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
132518	1741	2240	$\frac{1}{10}$	$\frac{61}{560}$	$\frac{9}{70}$	$\frac{499}{2240}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{70}\ \Phi_{64}\ \Phi_{35}\ \Phi_{32}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
132519	1741	1960	$\frac{1}{10}$	$\frac{219}{1960}$	$\frac{9}{70}$	$\frac{61}{280}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{245}\ \Phi_{196}\ \Phi_{98}\ \Phi_{70}\ \Phi_{49}\ \Phi_{35}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
132520	1741	2100	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{420}$	$\frac{359}{2100}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{25}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
132521	1742	5208	$\frac{3}{868}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{865}{1736}$	$\Phi_{5208}\ \Phi_{744}\ \Phi_{168}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
132522	1742	3192	$\frac{1}{133}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{66}{133}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{168}\ \Phi_{152}\ \Phi_{133}\ \Phi_{56}\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{1}^2$
132523	1742	1995	$\frac{1}{133}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{66}{133}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{285}\ \Phi_{133}\ \Phi_{105}\ \Phi_{95}\ \Phi_{35}\ \Phi_{19}\ \Phi_{15}^2\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{1}^2$
132524	1742	2394	$\frac{1}{133}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{66}{133}$	$\Phi_{2394}\ \Phi_{1197}\ \Phi_{342}\ \Phi_{171}\ \Phi_{133}\ \Phi_{126}\ \Phi_{63}\ \Phi_{19}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
132525	1742	2128	$\frac{1}{133}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{66}{133}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{304}\ \Phi_{152}\ \Phi_{133}\ \Phi_{112}\ \Phi_{56}\ \Phi_{19}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{1}^2$
132526	1742	1728	$\frac{7}{864}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{857}{1728}$	$\Phi_{1728}^2\ \Phi_{576}^2\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
132527	1742	3300	$\frac{1}{66}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{65}{132}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{300}\ \Phi_{220}\ \Phi_{132}^2\ \Phi_{100}\ \Phi_{60}\ \Phi_{44}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
132528	1742	924	$\frac{1}{66}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{65}{132}$	$\Phi_{924}^4\ \Phi_{308}^4\ \Phi_{132}^2\ \Phi_{84}^4\ \Phi_{44}^2\ \Phi_{42}\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}^2$
132529	1742	660	$\frac{1}{66}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{65}{132}$	$\Phi_{660}^5\ \Phi_{220}^5\ \Phi_{132}^6\ \Phi_{60}^5\ \Phi_{44}^6\ \Phi_{20}^5\ \Phi_{15}^2\ \Phi_{12}^6\ \Phi_{5}\ \Phi_{4}^6\ \Phi_{3}^2\ \Phi_{1}^2$
132530	1742	630	$\frac{1}{45}$	$\frac{1}{14}$	$\frac{23}{90}$	$\frac{22}{45}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{126}^3\ \Phi_{105}^3\ \Phi_{90}\ \Phi_{70}^3\ \Phi_{63}^3\ \Phi_{45}^2\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}\ \Phi_{21}^3\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{6}\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^2$
132531	1742	910	$\frac{2}{65}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{63}{130}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{70}^3\ \Phi_{65}^2\ \Phi_{35}^3\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_{10}\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^2$
132532	1742	1134	$\frac{1}{27}$	$\frac{1}{14}$	$\frac{14}{81}$	$\frac{13}{27}$	$\Phi_{1134}^2\ \Phi_{567}^2\ \Phi_{378}\ \Phi_{189}\ \Phi_{162}^2\ \Phi_{126}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{6}$
132533	1742	1725	$\frac{2}{69}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{345}\ \Phi_{115}\ \Phi_{69}^2\ \Phi_{25}\ \Phi_{23}^2\ \Phi_{5}\ \Phi_{1}^2$
132534	1742	2475	$\frac{1}{33}$	$\frac{1}{25}$	$\frac{32}{99}$	$\frac{12}{25}$	$\Phi_{2475}\ \Phi_{495}\ \Phi_{225}\ \Phi_{99}^2\ \Phi_{45}\ \Phi_{25}\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{1}^2$
132535	1742	2200	$\frac{1}{25}$	$\frac{1}{22}$	$\frac{21}{88}$	$\frac{12}{25}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{440}\ \Phi_{220}\ \Phi_{200}\ \Phi_{100}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
132536	1742	1800	$\frac{1}{25}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{12}{25}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
132537	1742	1925	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{12}{25}$	$\Phi_{1925}\ \Phi_{385}\ \Phi_{175}\ \Phi_{77}^2\ \Phi_{35}\ \Phi_{25}\ \Phi_{7}^2\ \Phi_{5}\ \Phi_{1}^2$
132538	1742	3456	$\frac{1}{27}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
132539	1742	126	$\frac{4}{63}$	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{59}{126}$	$\Phi_{126}^{13}\ \Phi_{63}^{15}\ \Phi_{42}^{13}\ \Phi_{21}^{15}\ \Phi_{18}^{13}\ \Phi_{14}^{12}\ \Phi_{9}^{14}\ \Phi_{7}^{14}\ \Phi_{6}^{13}\ \Phi_{3}^{14}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
132540	1742	1050	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{8}{75}$	$\frac{7}{15}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{105}\ \Phi_{70}\ \Phi_{50}^2\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{10}\ \Phi_{6}$
132541	1742	408	$\frac{1}{68}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{408}^8\ \Phi_{204}\ \Phi_{136}^8\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}^6\ \Phi_{12}\ \Phi_{8}^6\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
132542	1742	840	$\frac{3}{70}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{168}^3\ \Phi_{120}^4\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^4\ \Phi_{35}^2\ \Phi_{24}^4\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^4\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
132543	1742	456	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{9}{76}$	$\frac{11}{24}$	$\Phi_{456}^7\ \Phi_{152}^7\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{24}^8\ \Phi_{19}\ \Phi_8^8\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
132544	1742	612	$\frac{1}{68}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{204}^3\ \Phi_{153}^3\ \Phi_{102}^3\ \Phi_{68}^2\ \Phi_{51}^3\ \Phi_{36}^3\ \Phi_{34}^2\ \Phi_{18}\ \Phi_{17}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
132545	1742	504	$\frac{5}{72}$	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^3\ \Phi_{84}^4\ \Phi_{72}^2\ \Phi_{63}^3\ \Phi_{56}^4\ \Phi_{42}^3\ \Phi_{36}^2\ \Phi_{28}^4\ \Phi_{24}^2\ \Phi_{21}^3\ \Phi_{18}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
132546	1742	840	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{7}{60}$	$\frac{53}{120}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{210}\ \Phi_{168}^4\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{70}\ \Phi_{56}^4\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{10}\ \Phi_8^2\ \Phi_6$
132547	1742	2640	$\frac{9}{880}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
132548	1742	4578	$\frac{1}{109}$	$\frac{108}{763}$	$\frac{1}{3}$	$\frac{655}{1526}$	$\Phi_{4578}\ \Phi_{654}\ \Phi_{327}\ \Phi_{42}\ \Phi_6$
132549	1742	70	$\frac{3}{70}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{70}^{25}\ \Phi_{35}^{25}\ \Phi_{14}^{24}\ \Phi_{10}^{25}\ \Phi_7^{24}\ \Phi_5^{26}\ \Phi_2^{24}\ \Phi_1^{26}$
132550	1742	756	$\frac{1}{27}$	$\frac{1}{14}$	$\frac{13}{54}$	$\frac{41}{108}$	$\Phi_{756}^4\ \Phi_{378}\ \Phi_{252}^4\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}^2\ \Phi_{84}^4\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
132551	1742	216	$\frac{1}{27}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^8\ \Phi_{108}^9\ \Phi_{72}^7\ \Phi_{54}^9\ \Phi_{36}^8\ \Phi_{27}^8\ \Phi_{24}^7\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^7\ \Phi_8^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
132552	1742	918	$\frac{1}{27}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{918}^3\ \Phi_{459}\ \Phi_{306}^3\ \Phi_{153}\ \Phi_{102}^2\ \Phi_{54}^3\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{18}^3\ \Phi_6^2\ \Phi_2^2$
132553	1742	1308	$\frac{1}{218}$	$\frac{217}{654}$	$\frac{1}{3}$	$\frac{437}{1308}$	$\Phi_{1308}^2\ \Phi_{654}\ \Phi_{436}^2\ \Phi_{327}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
132554	1742	1020	$\frac{1}{68}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{204}\ \Phi_{170}^2\ \Phi_{102}\ \Phi_{85}^2\ \Phi_{60}^2\ \Phi_{51}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
132555	1742	966	$\frac{2}{69}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{138}^2\ \Phi_{46}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
132556	1742	1296	$\frac{7}{432}$	$\frac{1}{8}$	$\frac{425}{1296}$	$\frac{1}{3}$	$\Phi_{1296}^2\ \Phi_{648}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
132557	1742	1386	$\frac{1}{33}$	$\frac{1}{14}$	$\frac{32}{99}$	$\frac{1}{3}$	$\Phi_{1386}^2\ \Phi_{693}^2\ \Phi_{198}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_6$
132558	1742	888	$\frac{17}{888}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{888}^2\ \Phi_{444}^2\ \Phi_{296}^2\ \Phi_{222}^2\ \Phi_{148}^2\ \Phi_{111}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
132559	1742	612	$\frac{1}{68}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{612}^4\ \Phi_{306}^4\ \Phi_{204}\ \Phi_{153}^4\ \Phi_{102}\ \Phi_{51}\ \Phi_{36}^4\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
132560	1742	816	$\frac{1}{68}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{816}^4\ \Phi_{408}^4\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
132561	1742	2976	$\frac{3}{124}$	$\frac{121}{992}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2976}\ \Phi_{1488}\ \Phi_{744}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
132562	1742	2688	$\frac{25}{896}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
132563	1742	1152	$\frac{7}{288}$	$\frac{1}{8}$	$\frac{281}{1152}$	$\frac{1}{3}$	$\Phi_{1152}^2\ \Phi_{576}^2\ \Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
132564	1742	1848	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{21}{88}$	$\frac{1}{3}$	$\Phi_{1848}^2\ \Phi_{924}^2\ \Phi_{264}\ \Phi_{168}^2\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
132565	1742	2688	$\frac{25}{896}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
132566	1742	345	$\frac{2}{69}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{345}^5\ \Phi_{115}^5\ \Phi_{69}^6\ \Phi_{23}^6\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
132567	1742	1080	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{209}{1080}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
132568	1742	2310	$\frac{2}{33}$	$\frac{1}{14}$	$\frac{31}{165}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{330}\ \Phi_{210}\ \Phi_{110}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{10}\ \Phi_6$
132569	1742	504	$\frac{5}{72}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{72}^2\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^4\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2$
132570	1742	912	$\frac{41}{912}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{24}\ \Phi_{19}^2\ \Phi_{12}\ \Phi_6$
132571	1742	210	$\frac{3}{70}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{210}^8\ \Phi_{105}^7\ \Phi_{70}^{10}\ \Phi_{42}^8\ \Phi_{35}^9\ \Phi_{30}^8\ \Phi_{21}^8\ \Phi_{15}^8\ \Phi_{14}^{10}\ \Phi_{10}^{10}\ \Phi_7^9\ \Phi_6^8\ \Phi_5^{10}\ \Phi_3^8\ \Phi_2^{10}\ \Phi_1^{10}$
132572	1742	1008	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{137}{1008}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_6$
132573	1742	1140	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{285}\ \Phi_{190}^2\ \Phi_{95}\ \Phi_{76}^2\ \Phi_{60}^2\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
132574	1742	462	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{3}$	$\Phi_{462}^{6}\,\Phi_{231}^{5}\,\Phi_{66}^{6}\,\Phi_{42}^{7}\,\Phi_{33}^{6}\,\Phi_{21}^{6}\,\Phi_{6}^{7}\,\Phi_{3}^{6}$
132575	1742	72	$\frac{5}{72}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{72}^{24}\,\Phi_{36}^{24}\,\Phi_{24}^{25}\,\Phi_{18}^{24}\,\Phi_{12}^{25}\,\Phi_{9}^{24}\,\Phi_{8}^{24}\,\Phi_{6}^{25}\,\Phi_{4}^{24}\,\Phi_{3}^{24}\,\Phi_{2}^{24}\,\Phi_{1}^{24}$
132576	1742	960	$\frac{7}{96}$	$\frac{89}{960}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{960}^{2}\,\Phi_{480}^{2}\,\Phi_{320}^{2}\,\Phi_{240}^{2}\,\Phi_{192}^{2}\,\Phi_{160}^{2}\,\Phi_{120}^{2}\,\Phi_{80}^{2}\,\Phi_{64}^{2}\,\Phi_{60}^{2}\,\Phi_{40}^{2}\,\Phi_{30}^{2}\,\Phi_{24}\,\Phi_{20}^{2}\,\Phi_{15}^{2}\,\Phi_{12}\,\Phi_{10}^{2}\,\Phi_{6}\,\Phi_{5}^{2}$
132577	1742	495	$\frac{1}{33}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{32}{99}$	$\Phi_{495}^{5}\,\Phi_{99}^{6}\,\Phi_{45}^{5}\,\Phi_{15}^{2}\,\Phi_{9}^{6}\,\Phi_{5}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
132578	1742	2730	$\frac{4}{65}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{61}{195}$	$\Phi_{2730}\,\Phi_{1365}\,\Phi_{546}\,\Phi_{390}\,\Phi_{273}\,\Phi_{210}\,\Phi_{105}\,\Phi_{78}\,\Phi_{70}\,\Phi_{42}\,\Phi_{35}\,\Phi_{30}\,\Phi_{21}\,\Phi_{10}\,\Phi_{6}$
132579	1742	864	$\frac{1}{27}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{864}^{2}\,\Phi_{432}^{2}\,\Phi_{288}^{2}\,\Phi_{216}^{2}\,\Phi_{144}^{2}\,\Phi_{108}^{3}\,\Phi_{96}\,\Phi_{72}^{2}\,\Phi_{54}^{3}\,\Phi_{48}\,\Phi_{36}^{3}\,\Phi_{32}^{2}\,\Phi_{27}^{2}\,\Phi_{24}\,\Phi_{18}^{3}\,\Phi_{16}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
132580	1742	378	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{189}$	$\Phi_{378}^{7}\,\Phi_{189}^{6}\,\Phi_{126}\,\Phi_{63}\,\Phi_{54}^{7}\,\Phi_{42}\,\Phi_{27}^{6}\,\Phi_{21}\,\Phi_{18}\,\Phi_{6}$
132581	1742	630	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{630}^{4}\,\Phi_{315}^{4}\,\Phi_{126}^{3}\,\Phi_{90}^{4}\,\Phi_{70}^{2}\,\Phi_{63}^{3}\,\Phi_{45}^{4}\,\Phi_{35}^{2}\,\Phi_{18}^{4}\,\Phi_{14}^{2}\,\Phi_{10}^{2}\,\Phi_{9}^{4}\,\Phi_{7}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
132582	1742	684	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{684}^{4}\,\Phi_{342}^{3}\,\Phi_{171}^{3}\,\Phi_{76}^{2}\,\Phi_{38}^{2}\,\Phi_{36}^{4}\,\Phi_{19}\,\Phi_{18}^{4}\,\Phi_{9}^{4}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
132583	1742	630	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{7}{30}$	$\frac{23}{90}$	$\Phi_{630}^{4}\,\Phi_{315}^{4}\,\Phi_{210}\,\Phi_{126}^{4}\,\Phi_{105}\,\Phi_{90}^{2}\,\Phi_{70}\,\Phi_{63}^{4}\,\Phi_{45}^{2}\,\Phi_{42}\,\Phi_{35}\,\Phi_{30}\,\Phi_{21}\,\Phi_{18}^{2}\,\Phi_{10}\,\Phi_{9}^{2}\,\Phi_{6}$
132584	1742	2160	$\frac{1}{27}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2160}\,\Phi_{1080}\,\Phi_{720}\,\Phi_{540}\,\Phi_{360}\,\Phi_{270}\,\Phi_{240}\,\Phi_{180}\,\Phi_{135}\,\Phi_{120}\,\Phi_{108}\,\Phi_{90}\,\Phi_{60}\,\Phi_{54}\,\Phi_{45}\,\Phi_{36}\,\Phi_{30}\,\Phi_{18}\,\Phi_{15}\,\Phi_{12}\,\Phi_{6}$
132585	1742	560	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{560}^{4}\,\Phi_{280}^{4}\,\Phi_{112}^{3}\,\Phi_{80}^{4}\,\Phi_{70}^{2}\,\Phi_{56}^{3}\,\Phi_{40}^{4}\,\Phi_{35}^{2}\,\Phi_{16}^{4}\,\Phi_{14}^{2}\,\Phi_{10}^{2}\,\Phi_{8}^{4}\,\Phi_{7}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
132586	1742	304	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{304}^{7}\,\Phi_{152}^{7}\,\Phi_{76}^{2}\,\Phi_{38}^{2}\,\Phi_{19}\,\Phi_{16}^{8}\,\Phi_{8}^{8}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
132587	1742	1320	$\frac{1}{22}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{21}{88}$	$\Phi_{1320}^{2}\,\Phi_{660}^{2}\,\Phi_{440}\,\Phi_{264}^{2}\,\Phi_{220}\,\Phi_{132}^{2}\,\Phi_{120}^{2}\,\Phi_{88}^{2}\,\Phi_{60}^{2}\,\Phi_{44}^{2}\,\Phi_{40}\,\Phi_{24}^{2}\,\Phi_{20}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{8}^{2}\,\Phi_{5}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
132588	1742	360	$\frac{5}{72}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{360}^{5}\,\Phi_{180}^{5}\,\Phi_{120}^{5}\,\Phi_{90}^{5}\,\Phi_{72}^{6}\,\Phi_{60}^{5}\,\Phi_{45}^{5}\,\Phi_{40}^{5}\,\Phi_{36}^{6}\,\Phi_{24}^{6}\,\Phi_{20}^{5}\,\Phi_{18}^{6}\,\Phi_{15}^{2}\,\Phi_{12}^{6}\,\Phi_{9}^{6}\,\Phi_{8}^{6}\,\Phi_{5}\,\Phi_{4}^{6}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
132589	1742	1155	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{1155}^{2}\,\Phi_{385}\,\Phi_{231}^{2}\,\Phi_{105}^{2}\,\Phi_{77}^{2}\,\Phi_{35}\,\Phi_{21}^{2}\,\Phi_{15}^{2}\,\Phi_{7}^{2}\,\Phi_{5}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
132590	1743	2316	$\frac{2}{579}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{577}{1158}$	$\Phi_{2316}\,\Phi_{772}\,\Phi_{579}\,\Phi_{193}\,\Phi_{12}^{2}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
132591	1743	1488	$\frac{1}{248}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{247}{496}$	$\Phi_{1488}^{2}\,\Phi_{496}^{3}\,\Phi_{48}^{2}\,\Phi_{16}^{3}\,\Phi_{12}\,\Phi_{4}\,\Phi_{1}$
132592	1743	4464	$\frac{1}{248}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{247}{496}$	$\Phi_{4464}\,\Phi_{496}\,\Phi_{144}\,\Phi_{16}\,\Phi_{9}\,\Phi_{1}$
132593	1743	776	$\frac{1}{194}$	$\frac{1}{4}$	$\frac{195}{776}$	$\frac{193}{388}$	$\Phi_{776}^{3}\,\Phi_{388}^{2}\,\Phi_{194}\,\Phi_{97}\,\Phi_{8}^{3}\,\Phi_{4}\,\Phi_{1}$
132594	1743	1072	$\frac{1}{134}$	$\frac{45}{536}$	$\frac{491}{1072}$	$\frac{133}{268}$	$\Phi_{1072}^{3}\,\Phi_{268}\,\Phi_{16}^{3}\,\Phi_{4}\,\Phi_{1}$
132595	1743	804	$\frac{1}{134}$	$\frac{45}{268}$	$\frac{223}{804}$	$\frac{133}{268}$	$\Phi_{804}^{3}\,\Phi_{402}^{3}\,\Phi_{268}\,\Phi_{201}^{3}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}\,\Phi_{3}^{3}\,\Phi_{1}$
132596	1743	2144	$\frac{1}{134}$	$\frac{401}{2144}$	$\frac{135}{536}$	$\frac{133}{268}$	$\Phi_{2144}\,\Phi_{1072}\,\Phi_{268}\,\Phi_{32}\,\Phi_{16}\,\Phi_{4}\,\Phi_{1}$
132597	1743	1152	$\frac{5}{576}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{571}{1152}$	$\Phi_{1152}^{3}\,\Phi_{384}^{3}\,\Phi_{128}^{3}\,\Phi_{12}^{2}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
132598	1743	1640	$\frac{1}{82}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{81}{164}$	$\Phi_{1640}^{2}\,\Phi_{328}^{2}\,\Phi_{164}\,\Phi_{40}^{3}\,\Phi_{8}^{3}\,\Phi_{4}\,\Phi_{1}$
132599	1743	820	$\frac{1}{82}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{81}{164}$	$\Phi_{820}^{4}\,\Phi_{164}^{5}\,\Phi_{20}^{4}\,\Phi_{10}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
132600	1743	328	$\frac{1}{82}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{81}{164}$	$\Phi_{328}^{6}\,\Phi_{164}^{5}\,\Phi_{82}^{4}\,\Phi_{41}^{4}\,\Phi_{8}^{9}\,\Phi_{4}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
132601	1743	4100	$\frac{1}{82}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{81}{164}$	$\Phi_{4100}\,\Phi_{164}\,\Phi_{100}\,\Phi_{25}\,\Phi_{4}\,\Phi_{1}$
132602	1743	1144	$\frac{9}{572}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{563}{1144}$	$\Phi_{1144}^{3}\,\Phi_{104}^{3}\,\Phi_{88}^{3}\,\Phi_{52}\,\Phi_{8}^{3}\,\Phi_{4}\,\Phi_{1}$
132603	1743	1144	$\frac{9}{572}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{563}{1144}$	$\Phi_{1144}^{3}\,\Phi_{104}^{3}\,\Phi_{88}^{3}\,\Phi_{13}^{2}\,\Phi_{8}^{3}\,\Phi_{1}^{3}$
132604	1743	1960	$\frac{4}{245}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{241}{490}$	$\Phi_{1960}\,\Phi_{980}\,\Phi_{392}\,\Phi_{280}\,\Phi_{245}\,\Phi_{196}\,\Phi_{140}\,\Phi_{56}\,\Phi_{49}\,\Phi_{40}^{2}\,\Phi_{35}\,\Phi_{28}\,\Phi_{20}^{2}\,\Phi_{10}\,\Phi_{8}\,\Phi_{7}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
132605	1743	200	$\frac{1}{50}$	$\frac{1}{8}$	$\frac{17}{100}$	$\frac{49}{100}$	$\Phi_{200}^{10}\,\Phi_{100}^{8}\,\Phi_{50}^{7}\,\Phi_{40}^{10}\,\Phi_{25}^{7}\,\Phi_{20}^{8}\,\Phi_{10}^{7}\,\Phi_{8}^{9}\,\Phi_{5}^{7}\,\Phi_{4}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
132606	1743	780	$\frac{4}{195}$	$\frac{1}{13}$	$\frac{199}{780}$	$\frac{191}{390}$	$\Phi_{780}^{3}\,\Phi_{260}^{3}\,\Phi_{195}^{3}\,\Phi_{156}^{3}\,\Phi_{65}^{3}\,\Phi_{60}^{3}\,\Phi_{52}^{3}\,\Phi_{39}^{3}\,\Phi_{20}^{3}\,\Phi_{15}^{3}\,\Phi_{13}^{2}\,\Phi_{12}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
132607	1743	1782	$\frac{2}{81}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{1782}\,\Phi_{891}\,\Phi_{594}\,\Phi_{297}\,\Phi_{198}\,\Phi_{99}\,\Phi_{81}\,\Phi_{66}^{2}\,\Phi_{33}^{2}\,\Phi_{27}\,\Phi_{22}\,\Phi_{11}\,\Phi_{9}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
132608	1743	3380	$\frac{53}{1690}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1637}{3380}$	$\Phi_{3380}\ \Phi_{676}\ \Phi_{260}\ \Phi_{65}\ \Phi_{52}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
132609	1743	702	$\frac{4}{117}$	$\frac{1}{13}$	$\frac{121}{702}$	$\frac{113}{234}$	$\Phi_{702}^3\ \Phi_{351}^3\ \Phi_{117}^3\ \Phi_{54}^3\ \Phi_{39}^3\ \Phi_{27}^3\ \Phi_{13}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^3$
132610	1743	1232	$\frac{1}{28}$	$\frac{1}{22}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{1232}^2\ \Phi_{308}^2\ \Phi_{176}^2\ \Phi_{154}^2\ \Phi_{112}\ \Phi_{77}^2\ \Phi_{44}^2\ \Phi_{28}\ \Phi_{22}\ \Phi_{16}\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_4\ \Phi_1$
132611	1743	1760	$\frac{3}{80}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{1760}^2\ \Phi_{352}^2\ \Phi_{160}\ \Phi_{44}^2\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_4\ \Phi_1$
132612	1743	160	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{77}{160}$	$\Phi_{160}^{21}\ \Phi_{40}^2\ \Phi_{32}^{21}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
132613	1743	2288	$\frac{1}{26}$	$\frac{27}{572}$	$\frac{545}{2288}$	$\frac{25}{52}$	$\Phi_{2288}\ \Phi_{1144}\ \Phi_{208}\ \Phi_{176}\ \Phi_{104}\ \Phi_{88}\ \Phi_{52}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
132614	1743	624	$\frac{1}{26}$	$\frac{43}{624}$	$\frac{9}{52}$	$\frac{25}{52}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{78}^3\ \Phi_{52}\ \Phi_{48}^3\ \Phi_{39}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
132615	1743	3328	$\frac{1}{26}$	$\frac{79}{1664}$	$\frac{25}{104}$	$\frac{1585}{3328}$	$\Phi_{3328}\ \Phi_{256}\ \Phi_{104}\ \Phi_{52}\ \Phi_8\ \Phi_4\ \Phi_1$
132616	1743	4920	$\frac{1}{41}$	$\frac{1}{20}$	$\frac{40}{123}$	$\frac{19}{40}$	$\Phi_{4920}\ \Phi_{984}\ \Phi_{123}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
132617	1743	650	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{69}{650}$	$\frac{61}{130}$	$\Phi_{650}^3\ \Phi_{325}^3\ \Phi_{65}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{13}^2\ \Phi_5^3\ \Phi_1^3$
132618	1743	1716	$\frac{1}{22}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{73}{156}$	$\Phi_{1716}^2\ \Phi_{572}^2\ \Phi_{156}\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{52}\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
132619	1743	156	$\frac{5}{78}$	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{73}{156}$	$\Phi_{156}^{21}\ \Phi_{52}^{21}\ \Phi_{39}^3\ \Phi_{13}^2\ \Phi_{12}^{21}\ \Phi_4^{21}\ \Phi_3^3\ \Phi_1^3$
132620	1743	247	$\frac{4}{247}$	$\frac{1}{13}$	$\frac{81}{247}$	$\frac{6}{13}$	$\Phi_{247}^7\ \Phi_{19}^7\ \Phi_{13}^8\ \Phi_1^9$
132621	1743	154	$\frac{1}{22}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{154}$	$\Phi_{154}^{11}\ \Phi_{77}^{12}\ \Phi_{22}^{10}\ \Phi_{14}^{11}\ \Phi_{11}^{11}\ \Phi_7^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
132622	1743	1056	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{11}{24}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{96}\ \Phi_{66}^2\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
132623	1743	1072	$\frac{1}{67}$	$\frac{45}{536}$	$\frac{22}{67}$	$\frac{491}{1072}$	$\Phi_{1072}^3\ \Phi_{67}^2\ \Phi_{16}^3\ \Phi_1^3$
132624	1743	520	$\frac{11}{260}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{520}^4\ \Phi_{260}^3\ \Phi_{130}^3\ \Phi_{104}^4\ \Phi_{65}^3\ \Phi_{52}^3\ \Phi_{40}^2\ \Phi_{26}^3\ \Phi_{20}^2\ \Phi_{13}^3\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
132625	1743	624	$\frac{43}{624}$	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{35}{78}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{48}^3\ \Phi_{39}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
132626	1743	600	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{1}{8}$	$\frac{67}{150}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^4\ \Phi_{120}^3\ \Phi_{100}^4\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}\ \Phi_{40}^4\ \Phi_{25}^3\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_8^3\ \Phi_5^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
132627	1743	804	$\frac{1}{67}$	$\frac{22}{201}$	$\frac{223}{804}$	$\frac{179}{402}$	$\Phi_{804}^3\ \Phi_{268}^3\ \Phi_{201}^3\ \Phi_{67}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
132628	1743	1040	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{61}{520}$	$\frac{459}{1040}$	$\Phi_{1040}^3\ \Phi_{208}^3\ \Phi_{80}^3\ \Phi_{65}^3\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_5^3\ \Phi_1^3$
132629	1743	1584	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{144}$	$\Phi_{1584}^2\ \Phi_{528}^2\ \Phi_{176}^2\ \Phi_{144}\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
132630	1743	372	$\frac{1}{124}$	$\frac{1}{6}$	$\frac{41}{124}$	$\frac{5}{12}$	$\Phi_{372}^4\ \Phi_{186}^4\ \Phi_{124}^6\ \Phi_{93}^4\ \Phi_{62}^6\ \Phi_{31}^6\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
132631	1743	84	$\frac{1}{84}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{84}^{21}\ \Phi_{42}^{21}\ \Phi_{28}^{21}\ \Phi_{21}^{21}\ \Phi_{14}^{21}\ \Phi_{12}^{20}\ \Phi_7^{21}\ \Phi_6^{19}\ \Phi_4^{19}\ \Phi_3^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
132632	1743	1860	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{61}{310}$	$\frac{5}{12}$	$\Phi_{1860}^2\ \Phi_{620}^2\ \Phi_{310}\ \Phi_{155}\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
132633	1743	768	$\frac{7}{256}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{768}^2\ \Phi_{384}^2\ \Phi_{256}^3\ \Phi_{192}^2\ \Phi_{128}^3\ \Phi_{96}^2\ \Phi_{64}^3\ \Phi_{48}^2\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
132634	1743	372	$\frac{1}{31}$	$\frac{10}{93}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{372}^8\ \Phi_{124}^8\ \Phi_{93}^3\ \Phi_{31}^2\ \Phi_{12}^9\ \Phi_4^9\ \Phi_3^3\ \Phi_1^3$
132635	1743	260	$\frac{11}{260}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{260}^7\ \Phi_{130}^6\ \Phi_{65}^7\ \Phi_{52}^7\ \Phi_{26}^6\ \Phi_{20}^7\ \Phi_{13}^6\ \Phi_{10}^6\ \Phi_5^7\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
132636	1743	1540	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{57}{140}$	$\Phi_{1540}^2\ \Phi_{308}^2\ \Phi_{220}^2\ \Phi_{154}^2\ \Phi_{140}\ \Phi_{77}^2\ \Phi_{44}^2\ \Phi_{28}\ \Phi_{22}\ \Phi_{20}\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_4\ \Phi_1$
132637	1743	1940	$\frac{1}{97}$	$\frac{96}{485}$	$\frac{1}{4}$	$\frac{389}{970}$	$\Phi_{1940}\ \Phi_{485}\ \Phi_{388}^2\ \Phi_{194}\ \Phi_{97}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
132638	1743	585	$\frac{4}{585}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{585}^3\ \Phi_{195}^3\ \Phi_{117}^3\ \Phi_{65}^3\ \Phi_{45}^3\ \Phi_{39}^3\ \Phi_{15}^2\ \Phi_{13}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
132639	1743	624	$\frac{1}{26}$	$\frac{43}{624}$	$\frac{25}{104}$	$\frac{79}{208}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^2\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{48}^3\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
132640	1743	936	$\frac{4}{117}$	$\frac{1}{13}$	$\frac{113}{468}$	$\frac{355}{936}$	$\Phi_{936}^3\ \Phi_{312}^3\ \Phi_{117}^3\ \Phi_{104}^3\ \Phi_{72}^3\ \Phi_{39}^3\ \Phi_{24}^3\ \Phi_{13}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_3^3\ \Phi_1^3$
132641	1743	400	$\frac{1}{50}$	$\frac{1}{8}$	$\frac{49}{200}$	$\frac{151}{400}$	$\Phi_{400}^7\ \Phi_{200}^2\ \Phi_{100}^2\ \Phi_{80}^7\ \Phi_{50}\ \Phi_{40}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{16}^7\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
132642	1743	88	$\frac{1}{22}$	$\frac{5}{88}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{88}^{19}\ \Phi_{44}^{21}\ \Phi_{22}^{20}\ \Phi_{11}^{20}\ \Phi_{8}^{20}\ \Phi_{4}^{21}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
132643	1743	598	$\frac{17}{598}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{598}^{3}\ \Phi_{299}^{3}\ \Phi_{46}^{3}\ \Phi_{23}^{3}\ \Phi_{13}^{2}\ \Phi_{1}^{3}$
132644	1743	603	$\frac{22}{603}$	$\frac{4}{67}$	$\frac{21}{67}$	$\frac{23}{67}$	$\Phi_{603}^{3}\ \Phi_{201}^{3}\ \Phi_{67}^{2}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
132645	1743	884	$\frac{1}{26}$	$\frac{25}{442}$	$\frac{139}{442}$	$\frac{303}{884}$	$\Phi_{884}^{3}\ \Phi_{442}\ \Phi_{221}\ \Phi_{68}^{3}\ \Phi_{52}^{3}\ \Phi_{34}\ \Phi_{17}\ \Phi_{4}^{3}\ \Phi_{1}$
132646	1743	1386	$\frac{1}{22}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{1386}\ \Phi_{693}\ \Phi_{462}^{2}\ \Phi_{231}^{2}\ \Phi_{198}\ \Phi_{154}^{2}\ \Phi_{99}\ \Phi_{77}^{2}\ \Phi_{66}^{2}\ \Phi_{63}\ \Phi_{42}\ \Phi_{33}^{2}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}\ \Phi_{11}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
132647	1743	670	$\frac{1}{67}$	$\frac{89}{670}$	$\frac{22}{67}$	$\frac{45}{134}$	$\Phi_{670}^{3}\ \Phi_{335}^{3}\ \Phi_{67}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
132648	1743	871	$\frac{4}{871}$	$\frac{289}{871}$	$\frac{290}{871}$	$\frac{291}{871}$	$\Phi_{871}^{2}\ \Phi_{67}^{2}\ \Phi_{13}^{2}\ \Phi_{1}^{3}$
132649	1743	1116	$\frac{1}{124}$	$\frac{2}{9}$	$\frac{41}{124}$	$\frac{1}{3}$	$\Phi_{1116}^{2}\ \Phi_{558}^{2}\ \Phi_{279}^{2}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{36}^{2}\ \Phi_{31}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
132650	1743	252	$\frac{1}{84}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^{9}\ \Phi_{126}^{9}\ \Phi_{84}^{3}\ \Phi_{63}^{9}\ \Phi_{42}^{3}\ \Phi_{36}^{8}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{18}^{8}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{9}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
132651	1743	1188	$\frac{1}{22}$	$\frac{2}{27}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{1188}^{2}\ \Phi_{594}\ \Phi_{396}^{2}\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}^{2}\ \Phi_{108}\ \Phi_{99}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{36}\ \Phi_{33}^{2}\ \Phi_{27}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
132652	1743	2790	$\frac{1}{62}$	$\frac{61}{310}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2790}\ \Phi_{1395}\ \Phi_{310}\ \Phi_{155}\ \Phi_{90}\ \Phi_{45}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
132653	1743	2304	$\frac{7}{256}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
132654	1743	279	$\frac{1}{31}$	$\frac{10}{93}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{279}^{8}\ \Phi_{93}^{3}\ \Phi_{31}^{2}\ \Phi_{9}^{9}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
132655	1743	990	$\frac{1}{22}$	$\frac{7}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{330}^{2}\ \Phi_{198}\ \Phi_{165}^{2}\ \Phi_{110}^{2}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}^{2}\ \Phi_{55}^{2}\ \Phi_{45}\ \Phi_{33}^{2}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
132656	1743	804	$\frac{1}{67}$	$\frac{45}{268}$	$\frac{223}{804}$	$\frac{22}{67}$	$\Phi_{804}^{3}\ \Phi_{402}^{3}\ \Phi_{201}^{3}\ \Phi_{67}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
132657	1743	864	$\frac{5}{288}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{283}{864}$	$\Phi_{864}^{3}\ \Phi_{432}^{3}\ \Phi_{216}^{3}\ \Phi_{108}^{3}\ \Phi_{54}^{3}\ \Phi_{27}^{3}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
132658	1743	1230	$\frac{1}{41}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{40}{123}$	$\Phi_{1230}^{2}\ \Phi_{615}^{2}\ \Phi_{246}^{2}\ \Phi_{123}^{3}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
132659	1743	984	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{40}{123}$	$\Phi_{984}^{3}\ \Phi_{492}^{2}\ \Phi_{246}^{2}\ \Phi_{123}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
132660	1743	3075	$\frac{1}{41}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{40}{123}$	$\Phi_{3075}\ \Phi_{123}\ \Phi_{75}\ \Phi_{25}\ \Phi_{3}\ \Phi_{1}$
132661	1743	858	$\frac{9}{286}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{277}{858}$	$\Phi_{858}^{3}\ \Phi_{429}^{3}\ \Phi_{78}^{3}\ \Phi_{66}^{3}\ \Phi_{39}^{3}\ \Phi_{33}^{3}\ \Phi_{13}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
132662	1743	200	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{17}{100}$	$\frac{8}{25}$	$\Phi_{200}^{10}\ \Phi_{100}^{7}\ \Phi_{50}^{7}\ \Phi_{40}^{10}\ \Phi_{25}^{9}\ \Phi_{20}^{7}\ \Phi_{10}^{7}\ \Phi_{8}^{9}\ \Phi_{5}^{9}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
132663	1743	845	$\frac{53}{845}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{264}{845}$	$\Phi_{845}^{2}\ \Phi_{169}^{2}\ \Phi_{65}^{3}\ \Phi_{13}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
132664	1743	1320	$\frac{1}{22}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{264}^{2}\ \Phi_{165}^{2}\ \Phi_{132}^{2}\ \Phi_{120}\ \Phi_{66}^{2}\ \Phi_{60}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{30}\ \Phi_{24}\ \Phi_{22}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
132665	1743	120	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{37}{120}$	$\Phi_{120}^{21}\ \Phi_{60}^{21}\ \Phi_{40}^{2}\ \Phi_{30}^{21}\ \Phi_{24}^{21}\ \Phi_{20}^{2}\ \Phi_{15}^{21}\ \Phi_{12}^{21}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}^{21}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^{21}\ \Phi_{1}$
132666	1743	715	$\frac{9}{143}$	$\frac{1}{13}$	$\frac{134}{715}$	$\frac{4}{13}$	$\Phi_{715}^{3}\ \Phi_{65}^{3}\ \Phi_{55}^{3}\ \Phi_{13}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
132667	1743	624	$\frac{43}{624}$	$\frac{1}{13}$	$\frac{9}{52}$	$\frac{4}{13}$	$\Phi_{624}^{3}\ \Phi_{312}^{3}\ \Phi_{208}^{3}\ \Phi_{156}^{3}\ \Phi_{104}^{3}\ \Phi_{78}^{3}\ \Phi_{48}^{3}\ \Phi_{39}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{13}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
132668	1743	1188	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{1188}^{2}\ \Phi_{594}^{2}\ \Phi_{297}^{2}\ \Phi_{132}^{2}\ \Phi_{108}\ \Phi_{66}^{2}\ \Phi_{54}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{27}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
132669	1743	832	$\frac{1}{26}$	$\frac{79}{832}$	$\frac{25}{104}$	$\frac{251}{832}$	$\Phi_{832}^{2}\ \Phi_{416}^{2}\ \Phi_{208}^{2}\ \Phi_{104}^{3}\ \Phi_{64}^{2}\ \Phi_{52}^{3}\ \Phi_{32}^{2}\ \Phi_{26}^{2}\ \Phi_{16}^{2}\ \Phi_{13}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
132670	1743	360	$\frac{7}{90}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{10}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{6}\ \Phi_{90}^{3}\ \Phi_{72}^{6}\ \Phi_{60}^{6}\ \Phi_{45}^{3}\ \Phi_{40}^{2}\ \Phi_{36}^{6}\ \Phi_{30}^{3}\ \Phi_{24}^{6}\ \Phi_{20}^{2}\ \Phi_{18}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{6}\ \Phi_{10}\ \Phi_{9}^{3}\ \Phi_{8}\ \Phi_{6}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
132671	1743	117	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{5}{39}$	$\frac{34}{117}$	$\Phi_{117}^{21}\ \Phi_{39}^{3}\ \Phi_{13}^{2}\ \Phi_{9}^{21}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
132672	1743	1188	$\frac{13}{594}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{1188}^{2}\ \Phi_{594}\ \Phi_{396}^{2}\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}^{2}\ \Phi_{108}^{2}\ \Phi_{99}\ \Phi_{66}\ \Phi_{54}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
132673	1743	780	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{61}{260}$	$\frac{199}{780}$	$\Phi_{780}^{3}\ \Phi_{390}^{3}\ \Phi_{195}^{3}\ \Phi_{156}^{3}\ \Phi_{78}^{3}\ \Phi_{65}^{3}\ \Phi_{60}^{3}\ \Phi_{39}^{3}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{13}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
132674	1743	768	$\frac{5}{192}$	$\frac{1}{6}$	$\frac{187}{768}$	$\frac{1}{4}$	$\Phi_{768}^{3}\ \Phi_{384}^{3}\ \Phi_{256}^{3}\ \Phi_{128}^{3}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
132675	1743	600	$\frac{19}{600}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
132676	1743	720	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{139}{720}$	$\frac{1}{4}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
132677	1743	1056	$\frac{1}{22}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{96}\ \Phi_{66}^2\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{32}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
132678	1743	1100	$\frac{1}{22}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{1100}^2\ \Phi_{550}^2\ \Phi_{275}^2\ \Phi_{100}\ \Phi_{50}\ \Phi_{44}^2\ \Phi_{25}\ \Phi_{22}\ \Phi_{11}\ \Phi_4\ \Phi_1$
132679	1743	612	$\frac{31}{612}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{204}^3\ \Phi_{153}^3\ \Phi_{102}^3\ \Phi_{68}^3\ \Phi_{51}^3\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
132680	1743	96	$\frac{5}{96}$	$\frac{13}{96}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{96}^{18}\ \Phi_{48}^{18}\ \Phi_{32}^{18}\ \Phi_{24}^{18}\ \Phi_{16}^{18}\ \Phi_{12}^{20}\ \Phi_8^{18}\ \Phi_6^{19}\ \Phi_4^{19}\ \Phi_3^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
132681	1743	624	$\frac{43}{624}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
132682	1743	648	$\frac{5}{72}$	$\frac{67}{648}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{648}^3\ \Phi_{324}^3\ \Phi_{216}^3\ \Phi_{162}^3\ \Phi_{108}^3\ \Phi_{81}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
132683	1743	2080	$\frac{1}{26}$	$\frac{337}{2080}$	$\frac{79}{416}$	$\frac{25}{104}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{160}\ \Phi_{130}\ \Phi_{104}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
132684	1743	280	$\frac{1}{10}$	$\frac{31}{280}$	$\frac{1}{8}$	$\frac{9}{40}$	$\Phi_{280}^7\ \Phi_{140}^7\ \Phi_{70}^7\ \Phi_{56}^7\ \Phi_{40}^2\ \Phi_{35}^7\ \Phi_{28}^7\ \Phi_{20}^2\ \Phi_{14}^7\ \Phi_{10}\ \Phi_8\ \Phi_7^7\ \Phi_5\ \Phi_4\ \Phi_1$
132685	1743	320	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{71}{320}$	$\Phi_{320}^7\ \Phi_{160}^7\ \Phi_{64}^7\ \Phi_{40}^2\ \Phi_{32}^7\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
132686	1743	280	$\frac{31}{280}$	$\frac{4}{35}$	$\frac{1}{8}$	$\frac{1}{5}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{56}^6\ \Phi_{40}^7\ \Phi_{35}^7\ \Phi_{28}^6\ \Phi_{20}^7\ \Phi_{14}^6\ \Phi_{10}^7\ \Phi_8^6\ \Phi_7^7\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
132687	1743	200	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{17}{100}$	$\Phi_{200}^{12}\ \Phi_{100}^9\ \Phi_{50}^9\ \Phi_{40}^2\ \Phi_{25}^9\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
132688	1744	435	$\frac{1}{435}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{217}{435}$	$\Phi_{435}^4\ \Phi_{145}^4\ \Phi_{87}^4\ \Phi_{29}^4\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
132689	1744	1743	$\frac{5}{1743}$	$\frac{437}{1743}$	$\frac{653}{1743}$	$\frac{869}{1743}$	$\Phi_{1743}\ \Phi_{581}\ \Phi_{249}\ \Phi_{83}\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
132690	1744	291	$\frac{1}{291}$	$\frac{73}{291}$	$\frac{1}{3}$	$\frac{145}{291}$	$\Phi_{291}^6\ \Phi_{97}^6\ \Phi_3^5\ \Phi_1^6$
132691	1744	747	$\frac{1}{249}$	$\frac{125}{747}$	$\frac{311}{747}$	$\frac{124}{249}$	$\Phi_{747}^2\ \Phi_{249}^3\ \Phi_{83}^3\ \Phi_9^2\ \Phi_3^3\ \Phi_1^4$
132692	1744	1737	$\frac{7}{1737}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{865}{1737}$	$\Phi_{1737}\ \Phi_{579}\ \Phi_{193}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
132693	1744	217	$\frac{1}{217}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{108}{217}$	$\Phi_{217}^8\ \Phi_{31}^8\ \Phi_7^9\ \Phi_1^{10}$
132694	1744	3255	$\frac{1}{217}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{108}{217}$	$\Phi_{3255}\ \Phi_{465}\ \Phi_{105}\ \Phi_{15}^2$
132695	1744	581	$\frac{3}{581}$	$\frac{73}{581}$	$\frac{254}{581}$	$\frac{289}{581}$	$\Phi_{581}^3\ \Phi_{83}^3\ \Phi_7^3\ \Phi_1^4$
132696	1744	581	$\frac{3}{581}$	$\frac{145}{581}$	$\frac{146}{581}$	$\frac{289}{581}$	$\Phi_{581}^3\ \Phi_{83}^3\ \Phi_7^3\ \Phi_1^4$
132697	1744	2185	$\frac{3}{437}$	$\frac{1}{5}$	$\frac{110}{437}$	$\frac{217}{437}$	$\Phi_{2185}\ \Phi_{115}\ \Phi_{95}$
132698	1744	1743	$\frac{13}{1743}$	$\frac{326}{1743}$	$\frac{439}{1743}$	$\frac{865}{1743}$	$\Phi_{1743}\ \Phi_{581}\ \Phi_{249}\ \Phi_{83}\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
132699	1744	873	$\frac{7}{873}$	$\frac{110}{873}$	$\frac{1}{3}$	$\frac{433}{873}$	$\Phi_{873}^2\ \Phi_{291}^2\ \Phi_{97}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
132700	1744	1080	$\frac{1}{108}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{107}{216}$	$\Phi_{1080}^3\ \Phi_{360}^3\ \Phi_{216}^4\ \Phi_{120}^3\ \Phi_{72}^4\ \Phi_{40}^3\ \Phi_{24}^4\ \Phi_{15}\ \Phi_8^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
132701	1744	216	$\frac{1}{108}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{107}{216}$	$\Phi_{216}^{16}\ \Phi_{72}^{16}\ \Phi_{24}^{16}\ \Phi_9^2\ \Phi_8^{16}\ \Phi_3\ \Phi_1^2$
132702	1744	1080	$\frac{1}{108}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{107}{216}$	$\Phi_{1080}^3\ \Phi_{360}^3\ \Phi_{216}^4\ \Phi_{120}^3\ \Phi_{72}^4\ \Phi_{40}^3\ \Phi_{24}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_1^4$
132703	1744	1455	$\frac{1}{97}$	$\frac{49}{485}$	$\frac{1}{3}$	$\frac{48}{97}$	$\Phi_{1455}^2\ \Phi_{291}\ \Phi_{15}^2$
132704	1744	415	$\frac{1}{83}$	$\frac{21}{415}$	$\frac{197}{415}$	$\frac{41}{83}$	$\Phi_{415}^4\ \Phi_{83}^5\ \Phi_5^4\ \Phi_1^6$
132705	1744	1245	$\frac{1}{83}$	$\frac{42}{415}$	$\frac{373}{1245}$	$\frac{41}{83}$	$\Phi_{1245}^2\ \Phi_{249}^2\ \Phi_{83}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
132706	1744	249	$\frac{1}{83}$	$\frac{31}{249}$	$\frac{21}{83}$	$\frac{41}{83}$	$\Phi_{249}^8\ \Phi_{83}^5\ \Phi_3^8\ \Phi_1^6$
132707	1744	861	$\frac{11}{861}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{425}{861}$	$\Phi_{861}^2\ \Phi_{287}^2\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_{21}^3\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
132708	1744	1314	$\frac{1}{73}$	$\frac{1}{9}$	$\frac{37}{146}$	$\frac{36}{73}$	$\Phi_{1314}^2\ \Phi_{657}\ \Phi_{438}^2\ \Phi_{219}\ \Phi_{18}^2\ \Phi_6^2$
132709	1744	1715	$\frac{29}{1715}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{843}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}\ \Phi_{49}\ \Phi_{35}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
132710	1744	525	$\frac{3}{175}$	$\frac{1}{7}$	$\frac{89}{525}$	$\frac{86}{175}$	$\Phi_{525}^4\ \Phi_{175}^2\ \Phi_{105}^4\ \Phi_{75}^4\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_7\ \Phi_5^2\ \Phi_3^4\ \Phi_1^2$
132711	1744	1701	$\frac{43}{1701}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{829}{1701}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{243}\ \Phi_{189}\ \Phi_{81}\ \Phi_{63}^2\ \Phi_{27}\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
132712	1744	249	$\frac{7}{249}$	$\frac{31}{249}$	$\frac{32}{249}$	$\frac{121}{249}$	$\Phi_{249}^7\ \Phi_{83}^7\ \Phi_3^7\ \Phi_1^8$
132713	1744	147	$\frac{5}{147}$	$\frac{1}{21}$	$\frac{38}{147}$	$\frac{71}{147}$	$\Phi_{147}^{12}\ \Phi_{49}^{12}\ \Phi_{21}^{11}\ \Phi_7^{11}\ \Phi_3^{11}\ \Phi_1^{12}$
132714	1744	210	$\frac{4}{105}$	$\frac{1}{21}$	$\frac{5}{21}$	$\frac{101}{210}$	$\Phi_{210}^{16}\ \Phi_{70}^{16}\ \Phi_{42}^{16}\ \Phi_{30}^{16}\ \Phi_{21}^3\ \Phi_{14}^{16}\ \Phi_{10}^{16}\ \Phi_7^3\ \Phi_6^{16}\ \Phi_3^3\ \Phi_2^{16}\ \Phi_1^4$
132715	1744	3570	$\frac{4}{105}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{101}{210}$	$\Phi_{3570}\ \Phi_{1190}\ \Phi_{714}\ \Phi_{510}\ \Phi_{238}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{34}$
132716	1744	210	$\frac{4}{105}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{101}{210}$	$\Phi_{210}^{16}\ \Phi_{70}^{16}\ \Phi_{42}^{16}\ \Phi_{35}^2\ \Phi_{30}^{16}\ \Phi_{14}^{16}\ \Phi_{10}^{16}\ \Phi_7\ \Phi_6^{16}\ \Phi_5^2\ \Phi_2^{16}\ \Phi_1^2$
132717	1744	1045	$\frac{9}{209}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{100}{209}$	$\Phi_{1045}^2\ \Phi_{95}^3\ \Phi_{55}^2\ \Phi_5^2$
132718	1744	115	$\frac{1}{23}$	$\frac{6}{115}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{115}^{15}\ \Phi_{23}^{16}\ \Phi_5^{14}\ \Phi_1^{16}$
132719	1744	2244	$\frac{1}{22}$	$\frac{1}{17}$	$\frac{23}{132}$	$\frac{21}{44}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{561}\ \Phi_{374}\ \Phi_{204}\ \Phi_{187}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
132720	1744	570	$\frac{5}{114}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{570}^4\ \Phi_{285}^4\ \Phi_{190}^4\ \Phi_{95}^3\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_5^2$
132721	1744	1035	$\frac{1}{23}$	$\frac{11}{207}$	$\frac{1}{5}$	$\frac{98}{207}$	$\Phi_{1035}^2\ \Phi_{345}^2\ \Phi_{115}^3\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_5^2$
132722	1744	819	$\frac{1}{21}$	$\frac{53}{819}$	$\frac{10}{63}$	$\frac{383}{819}$	$\Phi_{819}^2\ \Phi_{273}^2\ \Phi_{117}^2\ \Phi_{91}^2\ \Phi_{63}^4\ \Phi_{39}^2\ \Phi_{21}^3\ \Phi_{13}^2\ \Phi_9^4\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
132723	1744	555	$\frac{2}{111}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{555}^3\ \Phi_{185}^3\ \Phi_{111}^4\ \Phi_{37}^4\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
132724	1744	810	$\frac{1}{54}$	$\frac{1}{15}$	$\frac{53}{162}$	$\frac{7}{15}$	$\Phi_{810}^3\ \Phi_{405}^3\ \Phi_{162}^4\ \Phi_{81}^4\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
132725	1744	1680	$\frac{3}{112}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
132726	1744	720	$\frac{1}{36}$	$\frac{1}{15}$	$\frac{35}{144}$	$\frac{7}{15}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{144}^4\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{40}^3\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{15}\ \Phi_8^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
132727	1744	135	$\frac{1}{27}$	$\frac{1}{15}$	$\frac{26}{135}$	$\frac{7}{15}$	$\Phi_{135}^{13}\ \Phi_{45}^{13}\ \Phi_{27}^{12}\ \Phi_{15}^{14}\ \Phi_9^{12}\ \Phi_5^{14}\ \Phi_3^{13}\ \Phi_1^{14}$
132728	1744	570	$\frac{5}{114}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{570}^3\ \Phi_{285}^3\ \Phi_{190}^3\ \Phi_{114}^4\ \Phi_{95}^3\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
132729	1744	630	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{17}{126}$	$\frac{7}{15}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{126}^4\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{35}^3\ \Phi_{21}^4\ \Phi_{15}\ \Phi_{14}^4\ \Phi_7^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
132730	1744	585	$\frac{1}{15}$	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{7}{15}$	$\Phi_{585}^3\ \Phi_{195}^3\ \Phi_{117}^4\ \Phi_{65}^3\ \Phi_{39}^4\ \Phi_{15}\ \Phi_{13}^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
132731	1744	120	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{7}{15}$	$\Phi_{120}^{16}\ \Phi_{60}^{13}\ \Phi_{40}^{16}\ \Phi_{30}^{13}\ \Phi_{24}^{16}\ \Phi_{20}^{13}\ \Phi_{15}^{14}\ \Phi_{12}^{12}\ \Phi_{10}^{13}\ \Phi_8^{16}\ \Phi_6^{12}\ \Phi_5^{14}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
132732	1744	1617	$\frac{1}{21}$	$\frac{127}{1617}$	$\frac{20}{147}$	$\frac{745}{1617}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{231}\ \Phi_{147}^2\ \Phi_{77}\ \Phi_{49}^2\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}\ \Phi_7\ \Phi_3\ \Phi_1^2$
132733	1744	126	$\frac{1}{21}$	$\frac{5}{63}$	$\frac{17}{126}$	$\frac{29}{63}$	$\Phi_{126}^{16}\ \Phi_{63}^{12}\ \Phi_{42}^{16}\ \Phi_{21}^{11}\ \Phi_{18}^{16}\ \Phi_{14}^{16}\ \Phi_9^{12}\ \Phi_7^{11}\ \Phi_6^{16}\ \Phi_3^{11}\ \Phi_2^{16}\ \Phi_1^{12}$
132734	1744	455	$\frac{19}{455}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{455}^4\ \Phi_{91}^4\ \Phi_{65}^4\ \Phi_{35}^2\ \Phi_{13}^4\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
132735	1744	3400	$\frac{1}{17}$	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{200}$	$\Phi_{3400}\ \Phi_{680}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{34}$
132736	1744	2040	$\frac{1}{17}$	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}\ \Phi_{102}\ \Phi_{85}\ \Phi_{51}\ \Phi_{34}$
132737	1744	3366	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{198}$	$\Phi_{3366}\ \Phi_{1122}\ \Phi_{374}\ \Phi_{306}\ \Phi_{187}\ \Phi_{102}\ \Phi_{34}$
132738	1744	1575	$\frac{6}{175}$	$\frac{169}{1575}$	$\frac{1}{7}$	$\frac{703}{1575}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}^2\ \Phi_{105}\ \Phi_{75}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_9\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
132739	1744	441	$\frac{5}{441}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{441}^4\ \Phi_{147}^4\ \Phi_{63}^4\ \Phi_{49}^4\ \Phi_{21}^4\ \Phi_9^2\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
132740	1744	582	$\frac{1}{97}$	$\frac{12}{97}$	$\frac{1}{3}$	$\frac{85}{194}$	$\Phi_{582}^8\ \Phi_{291}\ \Phi_6^8$
132741	1744	2310	$\frac{1}{110}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}^2\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}^2\ \Phi_{105}\ \Phi_{66}^2\ \Phi_{42}\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
132742	1744	651	$\frac{2}{217}$	$\frac{1}{7}$	$\frac{215}{651}$	$\frac{3}{7}$	$\Phi_{651}^4\ \Phi_{93}^4\ \Phi_{21}^4\ \Phi_7\ \Phi_3^4\ \Phi_1^2$
132743	1744	441	$\frac{5}{441}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{441}^4\ \Phi_{147}^4\ \Phi_{63}^4\ \Phi_{49}^4\ \Phi_{21}^4\ \Phi_9^4\ \Phi_7\ \Phi_3^4\ \Phi_1^2$
132744	1744	1085	$\frac{4}{217}$	$\frac{1}{7}$	$\frac{213}{1085}$	$\frac{3}{7}$	$\Phi_{1085}^2\ \Phi_{155}^2\ \Phi_{35}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
132745	1744	112	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{112}^{16}\ \Phi_{56}^{16}\ \Phi_{28}^{16}\ \Phi_{16}^{16}\ \Phi_{14}^{16}\ \Phi_8^{16}\ \Phi_7^9\ \Phi_4^{16}\ \Phi_2^{16}\ \Phi_1^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
132746	1744	868	$\frac{1}{31}$	$\frac{15}{124}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{868}^{2}\ \Phi_{434}^{2}\ \Phi_{217}\ \Phi_{124}^{4}\ \Phi_{62}^{4}\ \Phi_{31}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
132747	1744	189	$\frac{1}{21}$	$\frac{5}{63}$	$\frac{29}{189}$	$\frac{80}{189}$	$\Phi_{189}^{8}\ \Phi_{63}^{12}\ \Phi_{27}^{8}\ \Phi_{21}^{11}\ \Phi_{9}^{12}\ \Phi_{7}^{11}\ \Phi_{3}^{11}\ \Phi_{1}^{12}$
132748	1744	1870	$\frac{1}{110}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{374}\ \Phi_{187}\ \Phi_{170}\ \Phi_{85}\ \Phi_{34}$
132749	1744	735	$\frac{1}{21}$	$\frac{10}{147}$	$\frac{137}{735}$	$\frac{299}{735}$	$\Phi_{735}^{2}\ \Phi_{245}^{2}\ \Phi_{147}^{4}\ \Phi_{105}^{2}\ \Phi_{49}^{4}\ \Phi_{35}^{2}\ \Phi_{21}^{3}\ \Phi_{15}^{2}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
132750	1744	1455	$\frac{2}{291}$	$\frac{289}{1455}$	$\frac{1}{3}$	$\frac{583}{1455}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}^{2}\ \Phi_{97}^{2}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
132751	1744	231	$\frac{1}{21}$	$\frac{13}{231}$	$\frac{5}{21}$	$\frac{8}{21}$	$\Phi_{231}^{8}\ \Phi_{77}^{8}\ \Phi_{33}^{8}\ \Phi_{21}^{3}\ \Phi_{11}^{8}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
132752	1744	2992	$\frac{1}{22}$	$\frac{1}{17}$	$\frac{21}{88}$	$\frac{67}{176}$	$\Phi_{2992}\ \Phi_{374}\ \Phi_{272}\ \Phi_{187}\ \Phi_{34}$
132753	1744	249	$\frac{5}{249}$	$\frac{31}{249}$	$\frac{61}{249}$	$\frac{94}{249}$	$\Phi_{249}^{7}\ \Phi_{83}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
132754	1744	175	$\frac{3}{175}$	$\frac{1}{7}$	$\frac{43}{175}$	$\frac{66}{175}$	$\Phi_{175}^{10}\ \Phi_{35}^{10}\ \Phi_{25}^{10}\ \Phi_{7}^{9}\ \Phi_{5}^{10}\ \Phi_{1}^{10}$
132755	1744	1743	$\frac{11}{1743}$	$\frac{433}{1743}$	$\frac{544}{1743}$	$\frac{655}{1743}$	$\Phi_{1743}\ \Phi_{581}\ \Phi_{249}\ \Phi_{83}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
132756	1744	873	$\frac{5}{873}$	$\frac{217}{873}$	$\frac{1}{3}$	$\frac{328}{873}$	$\Phi_{873}^{2}\ \Phi_{291}^{2}\ \Phi_{97}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
132757	1744	166	$\frac{3}{83}$	$\frac{5}{83}$	$\frac{26}{83}$	$\frac{57}{166}$	$\Phi_{166}^{16}\ \Phi_{83}^{5}\ \Phi_{2}^{16}\ \Phi_{1}^{6}$
132758	1744	1323	$\frac{20}{441}$	$\frac{1}{21}$	$\frac{421}{1323}$	$\frac{451}{1323}$	$\Phi_{1323}\ \Phi_{441}^{2}\ \Phi_{189}\ \Phi_{147}^{2}\ \Phi_{63}^{2}\ \Phi_{49}^{2}\ \Phi_{27}\ \Phi_{21}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
132759	1744	219	$\frac{1}{219}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{219}^{8}\ \Phi_{73}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
132760	1744	1305	$\frac{2}{435}$	$\frac{433}{1305}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1305}^{2}\ \Phi_{261}^{2}\ \Phi_{45}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
132761	1744	435	$\frac{1}{145}$	$\frac{36}{145}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{435}^{3}\ \Phi_{145}^{6}\ \Phi_{87}^{3}\ \Phi_{29}^{6}\ \Phi_{15}^{3}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
132762	1744	330	$\frac{1}{110}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{330}^{4}\ \Phi_{165}^{4}\ \Phi_{110}^{8}\ \Phi_{66}^{4}\ \Phi_{55}^{8}\ \Phi_{33}^{4}\ \Phi_{30}^{4}\ \Phi_{22}^{8}\ \Phi_{15}^{3}\ \Phi_{11}^{8}\ \Phi_{10}^{8}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
132763	1744	261	$\frac{1}{87}$	$\frac{43}{261}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{261}^{8}\ \Phi_{87}^{4}\ \Phi_{29}^{4}\ \Phi_{9}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
132764	1744	885	$\frac{13}{885}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{885}^{2}\ \Phi_{295}^{2}\ \Phi_{177}^{2}\ \Phi_{59}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
132765	1744	333	$\frac{2}{111}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{333}^{6}\ \Phi_{111}^{4}\ \Phi_{37}^{4}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
132766	1744	957	$\frac{2}{87}$	$\frac{85}{957}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{957}^{2}\ \Phi_{319}^{2}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
132767	1744	225	$\frac{7}{225}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{225}^{8}\ \Phi_{75}^{8}\ \Phi_{45}^{8}\ \Phi_{25}^{8}\ \Phi_{15}^{4}\ \Phi_{9}^{8}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
132768	1744	348	$\frac{1}{29}$	$\frac{7}{116}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{348}^{4}\ \Phi_{174}^{4}\ \Phi_{116}^{8}\ \Phi_{87}^{3}\ \Phi_{58}^{8}\ \Phi_{29}^{6}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
132769	1744	162	$\frac{1}{54}$	$\frac{1}{9}$	$\frac{53}{162}$	$\frac{1}{3}$	$\Phi_{162}^{16}\ \Phi_{81}^{16}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
132770	1744	891	$\frac{19}{891}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{891}^{2}\ \Phi_{297}^{2}\ \Phi_{99}^{2}\ \Phi_{81}^{2}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
132771	1744	291	$\frac{1}{97}$	$\frac{24}{97}$	$\frac{73}{291}$	$\frac{1}{3}$	$\Phi_{291}^{5}\ \Phi_{97}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
132772	1744	1008	$\frac{3}{112}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}\ \Phi_{252}^{2}\ \Phi_{168}\ \Phi_{144}^{2}\ \Phi_{126}^{2}\ \Phi_{112}^{2}\ \Phi_{84}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{56}^{2}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
132773	1744	144	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{35}{144}$	$\frac{1}{3}$	$\Phi_{144}^{16}\ \Phi_{72}^{16}\ \Phi_{48}^{16}\ \Phi_{24}^{16}\ \Phi_{16}^{16}\ \Phi_{9}^{2}\ \Phi_{8}^{16}\ \Phi_{3}\ \Phi_{1}^{2}$
132774	1744	225	$\frac{7}{225}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{225}^{8}\ \Phi_{75}^{8}\ \Phi_{45}^{8}\ \Phi_{25}^{8}\ \Phi_{15}^{8}\ \Phi_{9}^{2}\ \Phi_{5}^{8}\ \Phi_{3}\ \Phi_{1}^{2}$
132775	1744	555	$\frac{2}{111}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{555}^{3}\ \Phi_{185}^{3}\ \Phi_{111}^{4}\ \Phi_{37}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
132776	1744	1680	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1680}^{2}\ \Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{240}^{2}\ \Phi_{210}^{2}\ \Phi_{120}^{2}\ \Phi_{105}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}$
132777	1744	1860	$\frac{1}{31}$	$\frac{15}{124}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1860}^{2}\ \Phi_{930}^{2}\ \Phi_{465}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}$
132778	1744	135	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{26}{135}$	$\frac{1}{3}$	$\Phi_{135}^{16}\ \Phi_{45}^{16}\ \Phi_{15}^{16}\ \Phi_{9}^{2}\ \Phi_{5}^{16}\ \Phi_{3}\ \Phi_{1}^{2}$
132779	1744	342	$\frac{5}{114}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{342}^{6}\ \Phi_{171}^{6}\ \Phi_{114}^{4}\ \Phi_{57}^{4}\ \Phi_{38}^{4}\ \Phi_{19}^{4}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
132780	1744	459	$\frac{23}{459}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{459}^{4}\ \Phi_{153}^{4}\ \Phi_{51}^{4}\ \Phi_{17}^{4}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
132781	1744	126	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{17}{126}$	$\frac{1}{3}$	$\Phi_{126}^{16}\ \Phi_{63}^{16}\ \Phi_{42}^{16}\ \Phi_{21}^{16}\ \Phi_{14}^{16}\ \Phi_{9}^{2}\ \Phi_{7}^{16}\ \Phi_{3}\ \Phi_{1}^{2}$
132782	1744	117	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{117}^{16}\ \Phi_{39}^{16}\ \Phi_{13}^{16}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
132783	1744	243	$\frac{2}{27}$	$\frac{25}{243}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{243}^{8}\ \Phi_{81}^{8}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
132784	1744	360	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{4}\ \Phi_{90}^{6}\ \Phi_{72}^{6}\ \Phi_{60}^{4}\ \Phi_{45}^{6}\ \Phi_{40}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{2}\ \Phi_{8}^{4}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
132785	1744	810	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{53}{162}$	$\Phi_{810}^{3}\ \Phi_{405}^{3}\ \Phi_{162}^{4}\ \Phi_{81}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
132786	1744	525	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{89}{525}$	$\frac{169}{525}$	$\Phi_{525}^{3}\ \Phi_{175}^{4}\ \Phi_{105}^{3}\ \Phi_{75}^{3}\ \Phi_{35}^{4}\ \Phi_{25}^{4}\ \Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
132787	1744	2415	$\frac{1}{23}$	$\frac{47}{483}$	$\frac{1}{5}$	$\frac{22}{69}$	$\Phi_{2415}\ \Phi_{805}\ \Phi_{115}\ \Phi_{105}\ \Phi_{35}$
132788	1744	567	$\frac{1}{21}$	$\frac{43}{567}$	$\frac{131}{567}$	$\frac{20}{63}$	$\Phi_{567}^{3}\ \Phi_{189}^{3}\ \Phi_{81}^{3}\ \Phi_{63}^{4}\ \Phi_{27}^{3}\ \Phi_{21}^{3}\ \Phi_{9}^{4}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
132789	1744	945	$\frac{1}{21}$	$\frac{73}{945}$	$\frac{43}{189}$	$\frac{20}{63}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}\ \Phi_{135}^{2}\ \Phi_{105}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{35}^{2}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
132790	1744	315	$\frac{1}{21}$	$\frac{8}{105}$	$\frac{5}{21}$	$\frac{97}{315}$	$\Phi_{315}^{8}\ \Phi_{63}^{8}\ \Phi_{45}^{8}\ \Phi_{21}^{3}\ \Phi_{9}^{8}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
132791	1744	315	$\frac{8}{105}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{97}{315}$	$\Phi_{315}^{8}\ \Phi_{63}^{8}\ \Phi_{45}^{8}\ \Phi_{35}^{2}\ \Phi_{9}^{8}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
132792	1744	567	$\frac{1}{21}$	$\frac{5}{63}$	$\frac{131}{567}$	$\frac{58}{189}$	$\Phi_{567}^{4}\ \Phi_{81}^{4}\ \Phi_{63}^{4}\ \Phi_{21}^{3}\ \Phi_{9}^{4}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
132793	1744	945	$\frac{73}{945}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{32}{105}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{135}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{35}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
132794	1744	3135	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{1}{5}$	$\frac{191}{627}$	$\Phi_{3135}\ \Phi_{285}\ \Phi_{165}\ \Phi_{95}\ \Phi_{15}$
132795	1744	2244	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{23}{132}$	$\frac{10}{33}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{374}\ \Phi_{204}\ \Phi_{187}\ \Phi_{102}\ \Phi_{68}\ \Phi_{34}$
132796	1744	3105	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{1}{5}$	$\frac{185}{621}$	$\Phi_{3105}\ \Phi_{135}\ \Phi_{115}$
132797	1744	336	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{336}^{7}\ \Phi_{168}^{7}\ \Phi_{112}^{2}\ \Phi_{84}^{7}\ \Phi_{56}^{2}\ \Phi_{48}^{7}\ \Phi_{42}^{7}\ \Phi_{28}^{2}\ \Phi_{24}^{7}\ \Phi_{21}^{4}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{7}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{6}^{7}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
132798	1744	2550	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{150}$	$\Phi_{2550}\ \Phi_{1275}\ \Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{51}\ \Phi_{34}$
132799	1744	2040	$\frac{1}{17}$	$\frac{11}{120}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}$
132800	1744	560	$\frac{3}{112}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{112}^{4}\ \Phi_{80}^{3}\ \Phi_{70}^{3}\ \Phi_{56}^{4}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{4}\ \Phi_{16}^{4}\ \Phi_{14}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
132801	1744	720	$\frac{1}{36}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{35}{144}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{3}\ \Phi_{144}^{4}\ \Phi_{120}^{3}\ \Phi_{80}^{3}\ \Phi_{72}^{4}\ \Phi_{48}^{4}\ \Phi_{40}^{3}\ \Phi_{24}^{4}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
132802	1744	415	$\frac{3}{83}$	$\frac{63}{415}$	$\frac{88}{415}$	$\frac{20}{83}$	$\Phi_{415}^{4}\ \Phi_{83}^{5}\ \Phi_{5}^{4}\ \Phi_{1}^{6}$
132803	1744	126	$\frac{1}{21}$	$\frac{17}{126}$	$\frac{4}{21}$	$\frac{5}{21}$	$\Phi_{126}^{16}\ \Phi_{63}^{16}\ \Phi_{42}^{16}\ \Phi_{21}^{3}\ \Phi_{18}^{16}\ \Phi_{14}^{16}\ \Phi_{9}^{16}\ \Phi_{7}^{3}\ \Phi_{6}^{16}\ \Phi_{3}^{3}\ \Phi_{2}^{16}\ \Phi_{1}^{4}$
132804	1744	525	$\frac{1}{21}$	$\frac{16}{105}$	$\frac{89}{525}$	$\frac{5}{21}$	$\Phi_{525}^{4}\ \Phi_{175}^{4}\ \Phi_{75}^{4}\ \Phi_{25}^{4}\ \Phi_{21}^{3}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
132805	1744	245	$\frac{3}{35}$	$\frac{27}{245}$	$\frac{1}{7}$	$\frac{8}{35}$	$\Phi_{245}^{8}\ \Phi_{49}^{8}\ \Phi_{35}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
132806	1744	2380	$\frac{1}{17}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{140}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{476}\ \Phi_{340}\ \Phi_{238}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}$
132807	1744	140	$\frac{3}{35}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{31}{140}$	$\Phi_{140}^{16}\ \Phi_{70}^{16}\ \Phi_{35}^{2}\ \Phi_{28}^{16}\ \Phi_{20}^{16}\ \Phi_{14}^{16}\ \Phi_{10}^{16}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{2}$
132808	1744	570	$\frac{5}{114}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{570}^{4}\ \Phi_{285}^{4}\ \Phi_{190}^{4}\ \Phi_{95}^{3}\ \Phi_{30}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{2}$
132809	1744	690	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{1}{5}$	$\frac{29}{138}$	$\Phi_{690}^{4}\ \Phi_{345}^{2}\ \Phi_{230}^{4}\ \Phi_{115}^{3}\ \Phi_{30}^{4}\ \Phi_{15}^{2}\ \Phi_{10}^{4}\ \Phi_{5}^{2}$
132810	1744	135	$\frac{1}{27}$	$\frac{26}{135}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{135}^{13}\ \Phi_{45}^{13}\ \Phi_{27}^{12}\ \Phi_{15}^{13}\ \Phi_{9}^{12}\ \Phi_{5}^{16}\ \Phi_{3}^{12}\ \Phi_{1}^{16}$
132811	1744	570	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{570}^{3}\ \Phi_{285}^{3}\ \Phi_{190}^{3}\ \Phi_{114}^{4}\ \Phi_{95}^{3}\ \Phi_{57}^{4}\ \Phi_{38}^{4}\ \Phi_{19}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
132812	1744	630	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}^{3}\ \Phi_{126}^{4}\ \Phi_{105}^{3}\ \Phi_{70}^{3}\ \Phi_{63}^{4}\ \Phi_{42}^{4}\ \Phi_{35}^{3}\ \Phi_{21}^{4}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
132813	1744	585	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{585}^{3}\ \Phi_{195}^{3}\ \Phi_{117}^{4}\ \Phi_{65}^{3}\ \Phi_{39}^{4}\ \Phi_{13}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
132814	1744	120	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{120}^{16}\ \Phi_{60}^{13}\ \Phi_{40}^{16}\ \Phi_{30}^{13}\ \Phi_{24}^{16}\ \Phi_{20}^{13}\ \Phi_{15}^{13}\ \Phi_{12}^{12}\ \Phi_{10}^{13}\ \Phi_{8}^{16}\ \Phi_{6}^{12}\ \Phi_{5}^{16}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{16}$
132815	1744	245	$\frac{27}{245}$	$\frac{29}{245}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{245}^{7}\ \Phi_{49}^{7}\ \Phi_{35}^{8}\ \Phi_{7}^{7}\ \Phi_{5}^{8}\ \Phi_{1}^{8}$
132816	1744	525	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{105}$	$\frac{89}{525}$	$\Phi_{525}^{4}\ \Phi_{175}^{4}\ \Phi_{75}^{4}\ \Phi_{35}^{2}\ \Phi_{25}^{4}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
132817	1745	696	$\frac{1}{348}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{347}{696}$	$\Phi_{696}\ \Phi_{348}^{4}\ \Phi_{232}\ \Phi_{174}^{4}\ \Phi_{116}^{4}\ \Phi_{87}^{4}\ \Phi_{58}^{4}\ \Phi_{29}^{4}\ \Phi_{24}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
132818	1745	3456	$\frac{17}{1728}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{1711}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{32}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
132819	1745	3456	$\frac{17}{1728}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1711}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
132820	1745	690	$\frac{4}{345}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{341}{690}$	$\Phi_{690}^{2}\ \Phi_{345}^{3}\ \Phi_{230}^{2}\ \Phi_{138}^{2}\ \Phi_{115}^{3}\ \Phi_{69}^{3}\ \Phi_{46}^{2}\ \Phi_{30}^{3}\ \Phi_{23}^{3}\ \Phi_{15}^{4}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
132821	1745	2336	$\frac{7}{584}$	$\frac{1}{8}$	$\frac{591}{2336}$	$\frac{577}{1168}$	$\Phi_{2336}\ \Phi_{584}\ \Phi_{292}\ \Phi_{146}\ \Phi_{73}\ \Phi_{32}\ \Phi_{1}$
132822	1745	420	$\frac{1}{70}$	$\frac{1}{6}$	$\frac{71}{420}$	$\frac{69}{140}$	$\Phi_{420}^{3}\ \Phi_{210}^{5}\ \Phi_{140}^{4}\ \Phi_{105}^{5}\ \Phi_{84}^{3}\ \Phi_{70}^{5}\ \Phi_{60}^{3}\ \Phi_{42}^{5}\ \Phi_{35}^{5}\ \Phi_{30}^{5}\ \Phi_{28}^{4}\ \Phi_{21}^{5}\ \Phi_{20}^{4}\ \Phi_{15}^{5}\ \Phi_{14}^{5}\ \Phi_{12}^{3}\ \Phi_{10}^{5}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
132823	1745	2058	$\frac{6}{343}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{337}{686}$	$\Phi_{2058}\ \Phi_{1029}\ \Phi_{343}\ \Phi_{294}\ \Phi_{147}\ \Phi_{49}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
132824	1745	1200	$\frac{1}{50}$	$\frac{51}{400}$	$\frac{1}{6}$	$\frac{49}{100}$	$\Phi_{1200}^{2}\ \Phi_{600}^{2}\ \Phi_{400}\ \Phi_{240}^{2}\ \Phi_{200}\ \Phi_{150}^{2}\ \Phi_{120}^{2}\ \Phi_{80}\ \Phi_{75}^{2}\ \Phi_{50}\ \Phi_{48}^{2}\ \Phi_{40}\ \Phi_{30}^{2}\ \Phi_{25}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
132825	1745	2040	$\frac{9}{340}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{331}{680}$	$\Phi_{2040}^{2}\ \Phi_{680}\ \Phi_{408}^{2}\ \Phi_{136}\ \Phi_{120}^{2}\ \Phi_{40}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
132826	1745	368	$\frac{3}{92}$	$\frac{19}{368}$	$\frac{1}{4}$	$\frac{89}{184}$	$\Phi_{368}^{5}\ \Phi_{184}^{4}\ \Phi_{92}^{5}\ \Phi_{46}^{5}\ \Phi_{23}^{5}\ \Phi_{16}^{5}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
132827	1745	672	$\frac{13}{336}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{323}{672}$	$\Phi_{672}^{5}\ \Phi_{224}^{5}\ \Phi_{96}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
132828	1745	672	$\frac{13}{336}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{323}{672}$	$\Phi_{672}^{5}\ \Phi_{224}^{5}\ \Phi_{96}^{5}\ \Phi_{42}^{2}\ \Phi_{32}^{5}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
132829	1745	1824	$\frac{3}{76}$	$\frac{79}{1824}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{32}\ \Phi_{24}\ \Phi_{19}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
132830	1745	2112	$\frac{15}{352}$	$\frac{1}{16}$	$\frac{367}{2112}$	$\frac{337}{704}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{192}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
132831	1745	3344	$\frac{3}{76}$	$\frac{73}{1672}$	$\frac{1}{4}$	$\frac{1599}{3344}$	$\Phi_{3344}\ \Phi_{304}\ \Phi_{176}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{1}$
132832	1745	3312	$\frac{3}{92}$	$\frac{89}{1656}$	$\frac{1}{4}$	$\frac{1567}{3312}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{144}\ \Phi_{92}\ \Phi_{48}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_{1}$
132833	1745	2592	$\frac{17}{864}$	$\frac{1}{16}$	$\frac{847}{2592}$	$\frac{15}{32}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{32}\ \Phi_{1}$
132834	1745	1792	$\frac{47}{1792}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
132835	1745	2304	$\frac{17}{576}$	$\frac{1}{16}$	$\frac{559}{2304}$	$\frac{15}{32}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{32}\ \Phi_{1}$
132836	1745	1824	$\frac{79}{1824}$	$\frac{1}{16}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{1}$
132837	1745	2016	$\frac{17}{288}$	$\frac{1}{16}$	$\frac{271}{2016}$	$\frac{15}{32}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
132838	1745	384	$\frac{1}{16}$	$\frac{17}{192}$	$\frac{35}{384}$	$\frac{15}{32}$	$\Phi_{384}^{5}\ \Phi_{192}^{4}\ \Phi_{128}^{5}\ \Phi_{96}^{4}\ \Phi_{64}^{4}\ \Phi_{48}^{4}\ \Phi_{32}^{5}\ \Phi_{24}^{4}\ \Phi_{16}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
132839	1745	1092	$\frac{15}{364}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{1092}^{2}\ \Phi_{546}^{2}\ \Phi_{364}\ \Phi_{273}^{2}\ \Phi_{182}\ \Phi_{156}^{2}\ \Phi_{91}\ \Phi_{78}^{2}\ \Phi_{52}\ \Phi_{42}^{2}\ \Phi_{39}^{2}\ \Phi_{26}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{13}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
132840	1745	1950	$\frac{1}{25}$	$\frac{24}{325}$	$\frac{1}{6}$	$\frac{301}{650}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{390}\ \Phi_{325}\ \Phi_{195}\ \Phi_{150}^{2}\ \Phi_{78}\ \Phi_{75}^{2}\ \Phi_{65}\ \Phi_{50}\ \Phi_{39}\ \Phi_{30}^{2}\ \Phi_{25}\ \Phi_{15}^{2}\ \Phi_{13}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
132841	1745	640	$\frac{1}{16}$	$\frac{29}{320}$	$\frac{3}{32}$	$\frac{291}{640}$	$\Phi_{640}^{5}\ \Phi_{128}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
132842	1745	384	$\frac{1}{16}$	$\frac{35}{384}$	$\frac{3}{32}$	$\frac{29}{64}$	$\Phi_{384}^{5}\ \Phi_{192}^{5}\ \Phi_{128}^{5}\ \Phi_{96}^{5}\ \Phi_{48}^{5}\ \Phi_{32}^{5}\ \Phi_{24}^{5}\ \Phi_{16}^{4}\ \Phi_{12}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
132843	1745	360	$\frac{11}{360}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{360}^{5}\ \Phi_{180}^{5}\ \Phi_{120}^{5}\ \Phi_{90}^{5}\ \Phi_{72}^{5}\ \Phi_{60}^{3}\ \Phi_{45}^{5}\ \Phi_{40}^{5}\ \Phi_{36}^{5}\ \Phi_{30}^{5}\ \Phi_{24}^{5}\ \Phi_{20}^{4}\ \Phi_{18}^{5}\ \Phi_{15}^{5}\ \Phi_{12}^{3}\ \Phi_{10}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
132844	1745	3168	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{161}{1584}$	$\frac{1423}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{176}\ \Phi_{96}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
132845	1745	630	$\frac{1}{35}$	$\frac{34}{315}$	$\frac{1}{6}$	$\frac{281}{630}$	$\Phi_{630}^{2}\ \Phi_{315}^{3}\ \Phi_{210}^{3}\ \Phi_{126}^{2}\ \Phi_{105}^{4}\ \Phi_{90}^{2}\ \Phi_{70}^{3}\ \Phi_{63}^{3}\ \Phi_{45}^{3}\ \Phi_{42}^{3}\ \Phi_{35}^{3}\ \Phi_{30}^{3}\ \Phi_{21}^{4}\ \Phi_{18}^{2}\ \Phi_{15}^{4}\ \Phi_{14}^{3}\ \Phi_{10}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
132846	1745	600	$\frac{1}{50}$	$\frac{49}{300}$	$\frac{1}{6}$	$\frac{251}{600}$	$\Phi_{600}^{5}\ \Phi_{200}^{5}\ \Phi_{150}^{2}\ \Phi_{120}^{5}\ \Phi_{75}^{2}\ \Phi_{50}\ \Phi_{40}^{5}\ \Phi_{30}^{2}\ \Phi_{25}\ \Phi_{24}^{5}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{8}^{5}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
132847	1745	2816	$\frac{15}{352}$	$\frac{1}{16}$	$\frac{337}{1408}$	$\frac{1071}{2816}$	$\Phi_{2816}\ \Phi_{352}\ \Phi_{256}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
132848	1745	1680	$\frac{1}{70}$	$\frac{1}{6}$	$\frac{69}{280}$	$\frac{211}{560}$	$\Phi_{1680}^{2}\ \Phi_{560}\ \Phi_{336}^{2}\ \Phi_{240}^{2}\ \Phi_{210}^{2}\ \Phi_{112}\ \Phi_{105}^{2}\ \Phi_{80}\ \Phi_{70}\ \Phi_{48}^{2}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{21}^{2}\ \Phi_{16}\ \Phi_{15}^{2}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
132849	1745	2808	$\frac{2}{351}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{351}\ \Phi_{312}\ \Phi_{216}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
132850	1745	2088	$\frac{1}{174}$	$\frac{1}{4}$	$\frac{173}{522}$	$\frac{3}{8}$	$\Phi_{2088}^2\ \Phi_{522}\ \Phi_{261}\ \Phi_{72}^2\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
132851	1745	352	$\frac{3}{352}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{352}^5\ \Phi_{176}^5\ \Phi_{88}^5\ \Phi_{44}^5\ \Phi_{32}^5\ \Phi_{22}^5\ \Phi_{16}^5\ \Phi_{11}^5\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
132852	1745	464	$\frac{1}{116}$	$\frac{115}{464}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{464}^5\ \Phi_{232}\ \Phi_{116}^4\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_{16}^5\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
132853	1745	3480	$\frac{1}{87}$	$\frac{86}{435}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{435}\ \Phi_{145}\ \Phi_{120}\ \Phi_{40}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
132854	1745	1416	$\frac{5}{354}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1416}^2\ \Phi_{472}^2\ \Phi_{354}\ \Phi_{177}\ \Phi_{118}\ \Phi_{59}\ \Phi_8\ \Phi_1$
132855	1745	1624	$\frac{1}{58}$	$\frac{57}{406}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1624}^2\ \Phi_{406}\ \Phi_{203}\ \Phi_{56}^2\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
132856	1745	360	$\frac{11}{360}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^5\ \Phi_{72}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{40}^5\ \Phi_{36}^5\ \Phi_{30}^5\ \Phi_{24}\ \Phi_{20}^5\ \Phi_{18}^5\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_9^5\ \Phi_8^2\ \Phi_6^4\ \Phi_5^5\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
132857	1745	3016	$\frac{1}{29}$	$\frac{28}{377}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3016}\ \Phi_{377}\ \Phi_{104}\ \Phi_{13}\ \Phi_8\ \Phi_1$
132858	1745	1776	$\frac{31}{1776}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{592}\ \Phi_{444}\ \Phi_{296}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
132859	1745	2616	$\frac{1}{218}$	$\frac{217}{654}$	$\frac{871}{2616}$	$\frac{437}{1308}$	$\Phi_{2616}\ \Phi_{872}\ \Phi_{654}\ \Phi_{327}\ \Phi_{24}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
132860	1745	2592	$\frac{17}{864}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{847}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
132861	1745	450	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{101}{450}$	$\frac{49}{150}$	$\Phi_{450}^5\ \Phi_{225}^5\ \Phi_{150}^2\ \Phi_{90}^5\ \Phi_{75}^2\ \Phi_{50}\ \Phi_{45}^5\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{18}^5\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9^5\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
132862	1745	420	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{71}{420}$	$\frac{34}{105}$	$\Phi_{420}^5\ \Phi_{210}^3\ \Phi_{140}^5\ \Phi_{105}^4\ \Phi_{84}^5\ \Phi_{70}^3\ \Phi_{60}^5\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}^5\ \Phi_{21}^4\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{14}^3\ \Phi_{12}^5\ \Phi_{10}^3\ \Phi_7^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^5\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
132863	1745	1932	$\frac{3}{92}$	$\frac{187}{1932}$	$\frac{1}{4}$	$\frac{89}{276}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{161}\ \Phi_{92}\ \Phi_{84}\ \Phi_{46}\ \Phi_{42}\ \Phi_{28}\ \Phi_{23}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
132864	1745	510	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{161}{510}$	$\Phi_{510}^3\ \Phi_{255}^3\ \Phi_{170}^4\ \Phi_{102}^3\ \Phi_{85}^4\ \Phi_{51}^3\ \Phi_{34}^4\ \Phi_{30}^5\ \Phi_{17}^4\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
132865	1745	378	$\frac{1}{14}$	$\frac{29}{378}$	$\frac{1}{6}$	$\frac{13}{42}$	$\Phi_{378}^5\ \Phi_{189}^5\ \Phi_{126}^5\ \Phi_{63}^5\ \Phi_{54}^5\ \Phi_{42}^2\ \Phi_{27}^5\ \Phi_{21}^2\ \Phi_{18}^5\ \Phi_{14}\ \Phi_9^5\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
132866	1745	504	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{1}{6}$	$\frac{155}{504}$	$\Phi_{504}^5\ \Phi_{252}^5\ \Phi_{126}^5\ \Phi_{72}^5\ \Phi_{63}^5\ \Phi_{42}^2\ \Phi_{36}^5\ \Phi_{21}^2\ \Phi_{18}^5\ \Phi_{14}\ \Phi_9^5\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
132867	1745	2112	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{367}{2112}$	$\frac{161}{528}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{176}\ \Phi_{96}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
132868	1745	2508	$\frac{3}{76}$	$\frac{73}{836}$	$\frac{1}{4}$	$\frac{763}{2508}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{627}\ \Phi_{228}\ \Phi_{132}\ \Phi_{114}\ \Phi_{76}\ \Phi_{66}\ \Phi_{57}\ \Phi_{38}\ \Phi_{33}\ \Phi_{19}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
132869	1745	2484	$\frac{3}{92}$	$\frac{89}{828}$	$\frac{1}{4}$	$\frac{739}{2484}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{621}\ \Phi_{108}\ \Phi_{92}\ \Phi_{54}\ \Phi_{46}\ \Phi_{27}\ \Phi_{23}\ \Phi_1$
132870	1745	2304	$\frac{17}{576}$	$\frac{1}{8}$	$\frac{559}{2304}$	$\frac{7}{24}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
132871	1745	360	$\frac{11}{360}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^5\ \Phi_{72}^4\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{40}^5\ \Phi_{36}^4\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{18}^4\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_9^4\ \Phi_8^4\ \Phi_6^5\ \Phi_5^5\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
132872	1745	432	$\frac{17}{432}$	$\frac{1}{8}$	$\frac{83}{432}$	$\frac{7}{24}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{24}^5\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^4\ \Phi_6^5\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
132873	1745	1824	$\frac{79}{1824}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
132874	1745	2016	$\frac{17}{288}$	$\frac{1}{8}$	$\frac{271}{2016}$	$\frac{7}{24}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
132875	1745	1872	$\frac{127}{1872}$	$\frac{17}{144}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
132876	1745	1944	$\frac{17}{216}$	$\frac{199}{1944}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
132877	1745	384	$\frac{17}{192}$	$\frac{35}{384}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{384}^5\ \Phi_{192}^4\ \Phi_{128}^5\ \Phi_{96}^4\ \Phi_{64}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{24}^5\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^5\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
132878	1745	480	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{29}{160}$	$\frac{131}{480}$	$\Phi_{480}^5\ \Phi_{240}^5\ \Phi_{120}^5\ \Phi_{96}^5\ \Phi_{60}^5\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{16}^4\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^5\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
132879	1745	384	$\frac{1}{16}$	$\frac{35}{384}$	$\frac{3}{16}$	$\frac{13}{48}$	$\Phi_{384}^5\ \Phi_{192}^5\ \Phi_{128}^5\ \Phi_{96}^5\ \Phi_{64}^5\ \Phi_{32}^5\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
132880	1745	360	$\frac{11}{360}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^5\ \Phi_{72}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{40}^5\ \Phi_{36}^5\ \Phi_{30}^3\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{18}^5\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^3\ \Phi_9^5\ \Phi_8^5\ \Phi_6^2\ \Phi_5^3\ \Phi_4^5\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
132881	1745	2208	$\frac{3}{92}$	$\frac{89}{552}$	$\frac{463}{2208}$	$\frac{1}{4}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{368}\ \Phi_{96}\ \Phi_{92}\ \Phi_{48}\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_{16}\ \Phi_1$
132882	1745	1380	$\frac{4}{115}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{111}{460}$	$\Phi_{1380}^2\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}^2\ \Phi_{138}\ \Phi_{115}\ \Phi_{92}\ \Phi_{69}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{23}\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
132883	1745	1176	$\frac{1}{14}$	$\frac{43}{392}$	$\frac{1}{6}$	$\frac{13}{56}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{392}\ \Phi_{294}^2\ \Phi_{196}\ \Phi_{147}^2\ \Phi_{98}\ \Phi_{49}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
132884	1745	448	$\frac{1}{16}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{99}{448}$	$\Phi_{448}^5\ \Phi_{224}^5\ \Phi_{64}^5\ \Phi_{32}^5\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
132885	1745	1344	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{6}$	$\frac{99}{448}$	$\Phi_{1344}^2\ \Phi_{672}^2\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}\ \Phi_{42}^2\ \Phi_{32}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
132886	1745	420	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1}{6}$	$\frac{71}{420}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^5\ \Phi_{105}^5\ \Phi_{70}^5\ \Phi_{60}^5\ \Phi_{42}^2\ \Phi_{35}^5\ \Phi_{30}^5\ \Phi_{21}^2\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{14}\ \Phi_{10}^5\ \Phi_7\ \Phi_6\ \Phi_5^5\ \Phi_3\ \Phi_1$
132887	1745	1176	$\frac{43}{392}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{168}^2\ \Phi_{147}\ \Phi_{84}^2\ \Phi_{56}\ \Phi_{49}\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
132888	1746	1396	$\frac{1}{349}$	$\frac{175}{698}$	$\frac{523}{1396}$	$\frac{174}{349}$	$\Phi_{1396}^2\ \Phi_{349}\ \Phi_4^2\ \Phi_1^2$
132889	1746	580	$\frac{1}{290}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{289}{580}$	$\Phi_{580}^6\ \Phi_{116}^6\ \Phi_{20}^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
132890	1746	1740	$\frac{1}{290}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{289}{580}$	$\Phi_{1740}\ \Phi_{870}^2\ \Phi_{435}^2\ \Phi_{348}\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{60}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
132891	1746	3088	$\frac{1}{193}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{96}{193}$	$\Phi_{3088}\ \Phi_{193}\ \Phi_{16}^2\ \Phi_1^2$
132892	1746	772	$\frac{1}{193}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{96}{193}$	$\Phi_{772}^2\ \Phi_{386}^2\ \Phi_{193}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
132893	1746	1745	$\frac{13}{1745}$	$\frac{293}{1745}$	$\frac{484}{1745}$	$\frac{866}{1745}$	$\Phi_{1745}\ \Phi_{349}\ \Phi_5\ \Phi_1^2$
132894	1746	2332	$\frac{5}{583}$	$\frac{98}{583}$	$\frac{1}{4}$	$\frac{289}{583}$	$\Phi_{2332}\ \Phi_{1166}\ \Phi_{212}\ \Phi_{106}\ \Phi_{44}\ \Phi_{22}$
132895	1746	3264	$\frac{1}{96}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{95}{192}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{17}\ \Phi_1^2$
132896	1746	960	$\frac{1}{96}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{95}{192}$	$\Phi_{960}^4\ \Phi_{320}^4\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
132897	1746	3264	$\frac{1}{96}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{95}{192}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{17}\ \Phi_1^2$
132898	1746	1344	$\frac{1}{96}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{95}{192}$	$\Phi_{1344}^3\ \Phi_{448}^3\ \Phi_{28}\ \Phi_{14}$
132899	1746	350	$\frac{2}{175}$	$\frac{59}{350}$	$\frac{1}{5}$	$\frac{173}{350}$	$\Phi_{350}^4\ \Phi_{175}^6\ \Phi_{70}^4\ \Phi_{50}^4\ \Phi_{35}^6\ \Phi_{25}^6\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^6\ \Phi_5^5\ \Phi_2^4\ \Phi_1^6$
132900	1746	575	$\frac{7}{575}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{284}{575}$	$\Phi_{575}^3\ \Phi_{115}^3\ \Phi_{25}^4\ \Phi_{23}^3\ \Phi_5^3\ \Phi_1^4$
132901	1746	349	$\frac{5}{349}$	$\frac{58}{349}$	$\frac{59}{349}$	$\frac{172}{349}$	$\Phi_{349}^5\ \Phi_1^6$
132902	1746	130	$\frac{1}{65}$	$\frac{1}{10}$	$\frac{33}{130}$	$\frac{32}{65}$	$\Phi_{130}^{13}\ \Phi_{65}^{14}\ \Phi_{26}^{13}\ \Phi_{13}^{14}\ \Phi_{10}^{12}\ \Phi_5^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
132903	1746	1000	$\frac{2}{125}$	$\frac{127}{1000}$	$\frac{1}{5}$	$\frac{123}{250}$	$\Phi_{1000}^2\ \Phi_{500}^2\ \Phi_{200}^2\ \Phi_{125}^2\ \Phi_{100}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
132904	1746	572	$\frac{5}{286}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{281}{572}$	$\Phi_{572}^2\ \Phi_{286}^4\ \Phi_{143}^4\ \Phi_{52}^2\ \Phi_{44}^3\ \Phi_{26}^4\ \Phi_{22}^5\ \Phi_{13}^4\ \Phi_{11}^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
132905	1746	1715	$\frac{31}{1715}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{842}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}\ \Phi_{49}\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
132906	1746	212	$\frac{1}{53}$	$\frac{9}{106}$	$\frac{1}{4}$	$\frac{26}{53}$	$\Phi_{212}^{11}\ \Phi_{106}^5\ \Phi_{53}^6\ \Phi_4^{10}\ \Phi_2^4\ \Phi_1^6$
132907	1746	570	$\frac{2}{95}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{93}{190}$	$\Phi_{570}^9\ \Phi_{114}^9\ \Phi_{57}\ \Phi_{30}^9\ \Phi_6^9$
132908	1746	190	$\frac{2}{95}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{93}{190}$	$\Phi_{190}^8\ \Phi_{95}^{10}\ \Phi_{38}^8\ \Phi_{19}^{10}\ \Phi_{10}^{12}\ \Phi_5^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
132909	1746	2760	$\frac{1}{46}$	$\frac{47}{920}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{138}\ \Phi_{120}\ \Phi_{69}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
132910	1746	1170	$\frac{1}{39}$	$\frac{1}{10}$	$\frac{20}{117}$	$\frac{19}{39}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{390}\ \Phi_{234}^2\ \Phi_{195}\ \Phi_{130}\ \Phi_{90}^2\ \Phi_{78}\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{30}\ \Phi_{26}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_6$
132911	1746	5106	$\frac{22}{851}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{829}{1702}$	$\Phi_{5106}\ \Phi_{222}\ \Phi_{138}\ \Phi_{69}\ \Phi_6$
132912	1746	912	$\frac{1}{38}$	$\frac{13}{304}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{912}^3\ \Phi_{456}^3\ \Phi_{228}^2\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
132913	1746	1700	$\frac{23}{850}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{827}{1700}$	$\Phi_{1700}^2\ \Phi_{340}^2\ \Phi_{100}^2\ \Phi_{68}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
132914	1746	560	$\frac{11}{280}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{269}{560}$	$\Phi_{560}^6\ \Phi_{112}^6\ \Phi_{80}^6\ \Phi_{35}^2\ \Phi_{16}^6\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
132915	1746	5016	$\frac{1}{38}$	$\frac{37}{836}$	$\frac{1}{3}$	$\frac{799}{1672}$	$\Phi_{5016}\ \Phi_{456}\ \Phi_{264}\ \Phi_{114}\ \Phi_{57}\ \Phi_{24}\ \Phi_6$
132916	1746	552	$\frac{1}{46}$	$\frac{5}{92}$	$\frac{1}{3}$	$\frac{87}{184}$	$\Phi_{552}^9\ \Phi_{138}\ \Phi_{69}\ \Phi_{24}^9\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
132917	1746	910	$\frac{37}{910}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{182}^2\ \Phi_{130}^2\ \Phi_{91}^2\ \Phi_{65}^2\ \Phi_{35}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
132918	1746	1683	$\frac{2}{99}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{17}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_1^2$
132919	1746	2448	$\frac{1}{48}$	$\frac{1}{17}$	$\frac{47}{144}$	$\frac{8}{17}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_1^2$
132920	1746	1700	$\frac{3}{100}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{425}\ \Phi_{340}\ \Phi_{170}\ \Phi_{100}^2\ \Phi_{85}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
132921	1746	2176	$\frac{1}{32}$	$\frac{1}{17}$	$\frac{31}{128}$	$\frac{8}{17}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{17}\ \Phi_1^2$
132922	1746	2040	$\frac{1}{24}$	$\frac{1}{17}$	$\frac{23}{120}$	$\frac{8}{17}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{120}^2\ \Phi_{85}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
132923	1746	102	$\frac{5}{102}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{102}^{17}\ \Phi_{51}^{17}\ \Phi_{34}^{17}\ \Phi_{17}^{18}\ \Phi_6^{16}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{18}$
132924	1746	1904	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{8}{17}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{119}\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{17}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
132925	1746	1768	$\frac{1}{17}$	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{8}{17}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{442}\ \Phi_{221}\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{17}\ \Phi_{13}^2\ \Phi_1^2$
132926	1746	1836	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{8}{17}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{153}\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_1^2$
132927	1746	3458	$\frac{1}{19}$	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{85}{182}$	$\Phi_{3458}\ \Phi_{494}\ \Phi_{266}\ \Phi_{133}\ \Phi_{38}$
132928	1746	910	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{85}{182}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{130}^3\ \Phi_{91}^2\ \Phi_{70}^2\ \Phi_{65}^3\ \Phi_{35}^2\ \Phi_{26}\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^2$
132929	1746	210	$\frac{1}{15}$	$\frac{8}{105}$	$\frac{1}{10}$	$\frac{7}{15}$	$\Phi_{210}^{10}\ \Phi_{105}^8\ \Phi_{70}^{10}\ \Phi_{42}^{10}\ \Phi_{35}^8\ \Phi_{30}^5\ \Phi_{21}^8\ \Phi_{15}^4\ \Phi_{14}^{10}\ \Phi_{10}^4\ \Phi_7^8\ \Phi_6^5\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
132930	1746	2128	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{15}{112}$	$\frac{13}{28}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{304}\ \Phi_{266}\ \Phi_{152}\ \Phi_{133}\ \Phi_{38}$
132931	1746	1625	$\frac{4}{125}$	$\frac{121}{1625}$	$\frac{1}{5}$	$\frac{752}{1625}$	$\Phi_{1625}\ \Phi_{325}\ \Phi_{125}^2\ \Phi_{65}\ \Phi_{25}^2\ \Phi_{13}\ \Phi_5\ \Phi_1^2$
132932	1746	520	$\frac{7}{104}$	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{6}{13}$	$\Phi_{520}^4\ \Phi_{260}^4\ \Phi_{130}^3\ \Phi_{104}^2\ \Phi_{65}^3\ \Phi_{52}^2\ \Phi_{40}^4\ \Phi_{26}\ \Phi_{20}^4\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
132933	1746	180	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{1}{10}$	$\frac{83}{180}$	$\Phi_{180}^{18}\ \Phi_{60}^{18}\ \Phi_{36}^{18}\ \Phi_{30}^5\ \Phi_{20}^{18}\ \Phi_{15}^4\ \Phi_{12}^{18}\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^3\ \Phi_4^{18}\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
132934	1746	100	$\frac{3}{100}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{100}^{18}\ \Phi_{50}^{16}\ \Phi_{25}^{18}\ \Phi_{20}^{18}\ \Phi_{10}^{16}\ \Phi_5^{17}\ \Phi_4^{18}\ \Phi_2^{16}\ \Phi_1^{18}$
132935	1746	396	$\frac{2}{99}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{396}^6\ \Phi_{198}^6\ \Phi_{132}^6\ \Phi_{66}^6\ \Phi_{44}^5\ \Phi_{36}^6\ \Phi_{22}^5\ \Phi_{18}^6\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^4\ \Phi_2^4$
132936	1746	1060	$\frac{1}{53}$	$\frac{26}{265}$	$\frac{1}{4}$	$\frac{239}{530}$	$\Phi_{1060}^2\ \Phi_{265}^2\ \Phi_{212}^3\ \Phi_{106}\ \Phi_{53}^2\ \Phi_{20}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
132937	1746	175	$\frac{4}{175}$	$\frac{19}{175}$	$\frac{1}{5}$	$\frac{78}{175}$	$\Phi_{175}^{10}\ \Phi_{35}^{10}\ \Phi_{25}^{10}\ \Phi_7^{10}\ \Phi_5^9\ \Phi_1^{10}$
132938	1746	2352	$\frac{1}{98}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2352}^2\ \Phi_{336}^2\ \Phi_{294}\ \Phi_{147}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
132939	1746	3192	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{71}{168}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{266}\ \Phi_{152}\ \Phi_{133}\ \Phi_{38}$
132940	1746	500	$\frac{2}{125}$	$\frac{41}{250}$	$\frac{1}{5}$	$\frac{209}{500}$	$\Phi_{500}^6\ \Phi_{125}^2\ \Phi_{100}^6\ \Phi_{25}^2\ \Phi_{20}^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
132941	1746	145	$\frac{1}{145}$	$\frac{1}{5}$	$\frac{48}{145}$	$\frac{2}{5}$	$\Phi_{145}^{12}\ \Phi_{29}^{12}\ \Phi_5^{13}\ \Phi_1^{14}$
132942	1746	880	$\frac{7}{880}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{176}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{80}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
132943	1746	980	$\frac{1}{98}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{980}^2\ \Phi_{490}\ \Phi_{245}\ \Phi_{196}^4\ \Phi_{140}^2\ \Phi_{98}^2\ \Phi_{70}\ \Phi_{49}^2\ \Phi_{35}\ \Phi_{28}^4\ \Phi_{20}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
132944	1746	1160	$\frac{3}{290}$	$\frac{1}{5}$	$\frac{287}{1160}$	$\frac{2}{5}$	$\Phi_{1160}^2\ \Phi_{580}^2\ \Phi_{232}^2\ \Phi_{116}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
132945	1746	295	$\frac{4}{295}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{295}^6\ \Phi_{59}^6\ \Phi_5\ \Phi_1^2$
132946	1746	580	$\frac{1}{58}$	$\frac{19}{116}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{580}^3\ \Phi_{290}^2\ \Phi_{145}^2\ \Phi_{116}^6\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
132947	1746	1015	$\frac{3}{145}$	$\frac{142}{1015}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1015}^2\ \Phi_{203}^2\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
132948	1746	100	$\frac{3}{100}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{100}^{18}\ \Phi_{50}^{18}\ \Phi_{25}^{18}\ \Phi_{20}^{18}\ \Phi_{10}^{12}\ \Phi_5^{13}\ \Phi_4^{18}\ \Phi_2^{12}\ \Phi_1^{14}$
132949	1746	1595	$\frac{1}{29}$	$\frac{28}{319}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1595}\ \Phi_{319}^2\ \Phi_{55}\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
132950	1746	1745	$\frac{11}{1745}$	$\frac{389}{1745}$	$\frac{578}{1745}$	$\frac{678}{1745}$	$\Phi_{1745}\ \Phi_{349}\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
132951	1746	780	$\frac{1}{39}$	$\frac{1}{10}$	$\frac{19}{78}$	$\frac{59}{156}$	$\Phi_{780}^4\ \Phi_{390}\ \Phi_{260}^4\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}^4\ \Phi_{52}^2\ \Phi_{30}\ \Phi_{26}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
132952	1746	1400	$\frac{2}{175}$	$\frac{1}{5}$	$\frac{173}{700}$	$\frac{527}{1400}$	$\Phi_{1400}^2\ \Phi_{280}^2\ \Phi_{200}^2\ \Phi_{175}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
132953	1746	2072	$\frac{5}{296}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2072}\ \Phi_{1036}\ \Phi_{518}\ \Phi_{259}\ \Phi_{28}\ \Phi_{14}$
132954	1746	1862	$\frac{1}{98}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1862}\ \Phi_{931}\ \Phi_{266}\ \Phi_{133}\ \Phi_{38}$
132955	1746	1022	$\frac{1}{73}$	$\frac{1}{7}$	$\frac{24}{73}$	$\frac{49}{146}$	$\Phi_{1022}^3\ \Phi_{511}\ \Phi_{14}^3$
132956	1746	349	$\frac{4}{349}$	$\frac{58}{349}$	$\frac{115}{349}$	$\frac{117}{349}$	$\Phi_{349}^5\ \Phi_1^6$
132957	1746	1745	$\frac{14}{1745}$	$\frac{387}{1745}$	$\frac{577}{1745}$	$\frac{584}{1745}$	$\Phi_{1745}\ \Phi_{349}\ \Phi_5\ \Phi_1^2$
132958	1746	2332	$\frac{4}{583}$	$\frac{1}{4}$	$\frac{193}{583}$	$\frac{195}{583}$	$\Phi_{2332}\ \Phi_{1166}\ \Phi_{212}\ \Phi_{106}\ \Phi_{44}\ \Phi_{22}$
132959	1746	990	$\frac{2}{99}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_6$
132960	1746	1740	$\frac{1}{145}$	$\frac{1}{4}$	$\frac{48}{145}$	$\frac{1}{3}$	$\Phi_{1740}^2\ \Phi_{870}^2\ \Phi_{348}^2\ \Phi_{174}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{12}^3\ \Phi_6^3$
132961	1746	2622	$\frac{7}{874}$	$\frac{195}{874}$	$\frac{289}{874}$	$\frac{1}{3}$	$\Phi_{2622}\ \Phi_{1311}\ \Phi_{138}\ \Phi_{114}\ \Phi_{69}\ \Phi_{57}\ \Phi_6$
132962	1746	720	$\frac{1}{48}$	$\frac{1}{10}$	$\frac{47}{144}$	$\frac{1}{3}$	$\Phi_{720}^4\ \Phi_{360}^4\ \Phi_{180}^4\ \Phi_{144}^2\ \Phi_{90}^4\ \Phi_{72}^2\ \Phi_{45}^4\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_6$
132963	1746	966	$\frac{1}{46}$	$\frac{31}{322}$	$\frac{15}{46}$	$\frac{1}{3}$	$\Phi_{966}^3\ \Phi_{483}^3\ \Phi_{138}\ \Phi_{69}\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_6$
132964	1746	912	$\frac{13}{304}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{912}^3\ \Phi_{456}^3\ \Phi_{228}^3\ \Phi_{114}^3\ \Phi_{57}\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3$
132965	1746	1254	$\frac{1}{38}$	$\frac{37}{418}$	$\frac{127}{418}$	$\frac{1}{3}$	$\Phi_{1254}^2\ \Phi_{627}^2\ \Phi_{114}^3\ \Phi_{66}^2\ \Phi_{57}^3\ \Phi_{33}^2\ \Phi_6^3\ \Phi_3^2$
132966	1746	138	$\frac{1}{46}$	$\frac{5}{46}$	$\frac{41}{138}$	$\frac{1}{3}$	$\Phi_{138}^{10}\ \Phi_{69}^{10}\ \Phi_{46}^{18}\ \Phi_{23}^{18}\ \Phi_6^{10}\ \Phi_3^9\ \Phi_2^{18}\ \Phi_1^{18}$
132967	1746	1683	$\frac{2}{99}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{17}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_1^2$
132968	1746	588	$\frac{1}{98}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}^4\ \Phi_{294}^5\ \Phi_{147}^5\ \Phi_{84}^4\ \Phi_{42}^5\ \Phi_{21}^5\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
132969	1746	3540	$\frac{4}{295}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3540}\ \Phi_{1770}\ \Phi_{708}\ \Phi_{354}\ \Phi_{12}\ \Phi_6$
132970	1746	348	$\frac{1}{58}$	$\frac{19}{116}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{348}^7\ \Phi_{174}^8\ \Phi_{87}^8\ \Phi_{12}^8\ \Phi_6^9\ \Phi_3^8$
132971	1746	2772	$\frac{2}{99}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{252}\ \Phi_{154}\ \Phi_{126}\ \Phi_{28}\ \Phi_{14}$
132972	1746	300	$\frac{3}{100}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^9\ \Phi_{150}^9\ \Phi_{75}^9\ \Phi_{60}^7\ \Phi_{30}^8\ \Phi_{15}^8\ \Phi_{12}^8\ \Phi_6^9\ \Phi_3^8$
132973	1746	3828	$\frac{1}{29}$	$\frac{28}{319}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3828}\ \Phi_{1914}\ \Phi_{132}\ \Phi_{66}\ \Phi_{12}\ \Phi_6$
132974	1746	1920	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{31}{128}$	$\frac{1}{3}$	$\Phi_{1920}^2\ \Phi_{960}^2\ \Phi_{384}\ \Phi_{192}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
132975	1746	1140	$\frac{1}{19}$	$\frac{6}{95}$	$\frac{89}{380}$	$\frac{1}{3}$	$\Phi_{1140}^3\ \Phi_{570}^3\ \Phi_{228}^3\ \Phi_{114}^3\ \Phi_{60}^3\ \Phi_{57}\ \Phi_{30}^3\ \Phi_{12}^3\ \Phi_6^3$
132976	1746	1104	$\frac{1}{46}$	$\frac{15}{92}$	$\frac{77}{368}$	$\frac{1}{3}$	$\Phi_{1104}^3\ \Phi_{552}^3\ \Phi_{138}\ \Phi_{69}\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_6$
132977	1746	120	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{23}{120}$	$\frac{1}{3}$	$\Phi_{120}^{14}\ \Phi_{60}^{14}\ \Phi_{40}^{14}\ \Phi_{30}^{15}\ \Phi_{24}^{16}\ \Phi_{20}^{14}\ \Phi_{15}^{15}\ \Phi_{12}^{16}\ \Phi_{10}^{14}\ \Phi_8^{16}\ \Phi_6^{17}\ \Phi_5^{14}\ \Phi_4^{16}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{16}$
132978	1746	2850	$\frac{1}{19}$	$\frac{77}{950}$	$\frac{18}{95}$	$\frac{1}{3}$	$\Phi_{2850}\ \Phi_{1425}\ \Phi_{570}\ \Phi_{150}\ \Phi_{114}\ \Phi_{75}\ \Phi_{57}\ \Phi_{30}\ \Phi_6$
132979	1746	510	$\frac{5}{102}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{170}^4\ \Phi_{102}^2\ \Phi_{85}^4\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{30}\ \Phi_{17}^2\ \Phi_{15}\ \Phi_6$
132980	1746	114	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{17}{114}$	$\frac{1}{3}$	$\Phi_{114}^{18}\ \Phi_{57}^{10}\ \Phi_{38}^{18}\ \Phi_{19}^{18}\ \Phi_6^{18}\ \Phi_3^9\ \Phi_2^{18}\ \Phi_1^{18}$
132981	1746	1680	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{15}{112}$	$\frac{1}{3}$	$\Phi_{1680}^2\ \Phi_{840}^2\ \Phi_{420}^2\ \Phi_{336}\ \Phi_{210}^2\ \Phi_{168}\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
132982	1746	1560	$\frac{7}{104}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1560}^2\ \Phi_{780}^2\ \Phi_{390}^2\ \Phi_{312}\ \Phi_{195}^2\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
132983	1746	540	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{108}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^4\ \Phi_{108}^2\ \Phi_{90}^4\ \Phi_{54}^2\ \Phi_{45}^4\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_6$
132984	1746	125	$\frac{2}{125}$	$\frac{1}{5}$	$\frac{28}{125}$	$\frac{41}{125}$	$\Phi_{125}^{14}\ \Phi_{25}^{14}\ \Phi_5^{13}\ \Phi_1^{14}$
132985	1746	2448	$\frac{1}{48}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{47}{144}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_1^2$
132986	1746	1008	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{47}{144}$	$\Phi_{1008}^3\ \Phi_{504}^3\ \Phi_{252}^3\ \Phi_{126}^3\ \Phi_{63}^3\ \Phi_{28}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
132987	1746	350	$\frac{4}{175}$	$\frac{59}{350}$	$\frac{1}{5}$	$\frac{57}{175}$	$\Phi_{350}^{6}\ \Phi_{175}^{4}\ \Phi_{70}^{6}\ \Phi_{50}^{6}\ \Phi_{35}^{4}\ \Phi_{25}^{4}\ \Phi_{14}^{6}\ \Phi_{10}^{6}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{4}$
132988	1746	349	$\frac{10}{349}$	$\frac{58}{349}$	$\frac{59}{349}$	$\frac{113}{349}$	$\Phi_{349}^{5}\ \Phi_{1}^{6}$
132989	1746	572	$\frac{5}{143}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{46}{143}$	$\Phi_{572}^{4}\ \Phi_{286}^{4}\ \Phi_{52}^{4}\ \Phi_{44}^{5}\ \Phi_{26}^{4}\ \Phi_{22}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
132990	1746	212	$\frac{2}{53}$	$\frac{9}{106}$	$\frac{1}{4}$	$\frac{17}{53}$	$\Phi_{212}^{11}\ \Phi_{106}^{5}\ \Phi_{53}^{6}\ \Phi_{4}^{10}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
132991	1746	570	$\frac{4}{95}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{91}{285}$	$\Phi_{570}^{5}\ \Phi_{285}^{4}\ \Phi_{114}^{5}\ \Phi_{57}^{4}\ \Phi_{30}^{5}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
132992	1746	425	$\frac{23}{425}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{134}{425}$	$\Phi_{425}^{4}\ \Phi_{85}^{4}\ \Phi_{25}^{6}\ \Phi_{17}^{4}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
132993	1746	105	$\frac{2}{35}$	$\frac{8}{105}$	$\frac{1}{5}$	$\frac{11}{35}$	$\Phi_{105}^{18}\ \Phi_{35}^{14}\ \Phi_{21}^{18}\ \Phi_{15}^{18}\ \Phi_{7}^{14}\ \Phi_{5}^{13}\ \Phi_{3}^{18}\ \Phi_{1}^{14}$
132994	1746	450	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{31}{225}$	$\frac{14}{45}$	$\Phi_{450}^{5}\ \Phi_{225}^{4}\ \Phi_{150}^{5}\ \Phi_{75}^{4}\ \Phi_{50}^{5}\ \Phi_{30}^{5}\ \Phi_{25}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
132995	1746	2394	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{29}{126}$	$\frac{13}{42}$	$\Phi_{2394}\ \Phi_{1197}\ \Phi_{342}\ \Phi_{266}\ \Phi_{171}\ \Phi_{133}\ \Phi_{38}$
132996	1746	140	$\frac{2}{35}$	$\frac{11}{140}$	$\frac{1}{5}$	$\frac{43}{140}$	$\Phi_{140}^{12}\ \Phi_{70}^{12}\ \Phi_{35}^{14}\ \Phi_{28}^{12}\ \Phi_{20}^{12}\ \Phi_{14}^{12}\ \Phi_{10}^{12}\ \Phi_{7}^{14}\ \Phi_{5}^{13}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
132997	1746	1700	$\frac{3}{100}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{425}\ \Phi_{340}\ \Phi_{170}\ \Phi_{100}^{2}\ \Phi_{85}\ \Phi_{50}^{2}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{17}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
132998	1746	2176	$\frac{1}{32}$	$\frac{2}{17}$	$\frac{31}{128}$	$\frac{5}{17}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{128}^{2}\ \Phi_{64}^{2}\ \Phi_{17}\ \Phi_{1}^{2}$
132999	1746	2040	$\frac{1}{24}$	$\frac{2}{17}$	$\frac{23}{120}$	$\frac{5}{17}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{120}^{2}\ \Phi_{85}\ \Phi_{60}^{2}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{17}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
133000	1746	102	$\frac{5}{102}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{102}^{17}\ \Phi_{51}^{17}\ \Phi_{34}^{17}\ \Phi_{17}^{18}\ \Phi_{6}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
133001	1746	1904	$\frac{1}{16}$	$\frac{2}{17}$	$\frac{15}{112}$	$\frac{5}{17}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{119}\ \Phi_{112}^{2}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{17}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
133002	1746	1768	$\frac{7}{104}$	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{5}{17}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{442}\ \Phi_{221}\ \Phi_{104}^{2}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{17}\ \Phi_{13}^{2}\ \Phi_{1}^{2}$
133003	1746	1836	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{153}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{17}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
133004	1746	2730	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{12}{91}$	$\frac{79}{273}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{210}\ \Phi_{195}\ \Phi_{130}\ \Phi_{105}\ \Phi_{78}\ \Phi_{65}\ \Phi_{42}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{6}$
133005	1746	270	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{7}{45}$	$\frac{38}{135}$	$\Phi_{270}^{10}\ \Phi_{135}^{8}\ \Phi_{54}^{10}\ \Phi_{30}^{5}\ \Phi_{27}^{8}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
133006	1746	100	$\frac{3}{100}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{100}^{18}\ \Phi_{50}^{18}\ \Phi_{25}^{16}\ \Phi_{20}^{18}\ \Phi_{10}^{18}\ \Phi_{5}^{15}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{16}$
133007	1746	1060	$\frac{1}{53}$	$\frac{52}{265}$	$\frac{1}{4}$	$\frac{71}{265}$	$\Phi_{1060}^{2}\ \Phi_{530}^{2}\ \Phi_{212}^{3}\ \Phi_{106}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
133008	1746	700	$\frac{3}{100}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{700}^{3}\ \Phi_{350}^{3}\ \Phi_{175}^{3}\ \Phi_{140}^{3}\ \Phi_{70}^{3}\ \Phi_{35}^{3}\ \Phi_{28}\ \Phi_{14}$
133009	1746	896	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{31}{128}$	$\frac{1}{4}$	$\Phi_{896}^{3}\ \Phi_{448}^{3}\ \Phi_{28}\ \Phi_{14}$
133010	1746	308	$\frac{17}{308}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{308}^{6}\ \Phi_{154}^{6}\ \Phi_{77}^{6}\ \Phi_{44}^{3}\ \Phi_{28}^{6}\ \Phi_{22}^{5}\ \Phi_{14}^{6}\ \Phi_{11}^{4}\ \Phi_{7}^{6}\ \Phi_{4}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
133011	1746	840	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{23}{120}$	$\frac{1}{4}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{280}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{3}\ \Phi_{105}^{3}\ \Phi_{70}^{3}\ \Phi_{35}^{3}\ \Phi_{28}\ \Phi_{14}$
133012	1746	2128	$\frac{13}{304}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{133}\ \Phi_{28}\ \Phi_{14}$
133013	1746	2860	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{133}{715}$	$\frac{1}{4}$	$\Phi_{2860}\ \Phi_{1430}\ \Phi_{260}\ \Phi_{220}\ \Phi_{130}\ \Phi_{110}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
133014	1746	1428	$\frac{5}{102}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1428}^{2}\ \Phi_{714}\ \Phi_{476}^{2}\ \Phi_{357}\ \Phi_{238}\ \Phi_{119}\ \Phi_{28}\ \Phi_{14}$
133015	1746	212	$\frac{9}{106}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{4}$	$\Phi_{212}^{11}\ \Phi_{106}^{5}\ \Phi_{53}^{6}\ \Phi_{4}^{10}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
133016	1746	112	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{112}^{15}\ \Phi_{56}^{15}\ \Phi_{28}^{16}\ \Phi_{16}^{18}\ \Phi_{14}^{16}\ \Phi_{8}^{18}\ \Phi_{7}^{15}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
133017	1746	728	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{728}^{3}\ \Phi_{364}^{3}\ \Phi_{182}^{3}\ \Phi_{91}^{3}\ \Phi_{28}\ \Phi_{14}$
133018	1746	756	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{756}^{3}\ \Phi_{378}^{3}\ \Phi_{252}^{3}\ \Phi_{189}^{3}\ \Phi_{126}^{3}\ \Phi_{63}^{3}\ \Phi_{28}\ \Phi_{14}$
133019	1746	2240	$\frac{29}{320}$	$\frac{3}{32}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
133020	1746	1150	$\frac{21}{575}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{277}{1150}$	$\Phi_{1150}^{2}\ \Phi_{575}\ \Phi_{230}^{2}\ \Phi_{115}\ \Phi_{50}^{2}\ \Phi_{46}^{2}\ \Phi_{25}^{2}\ \Phi_{23}\ \Phi_{10}^{2}\ \Phi_{5}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133021	1746	980	$\frac{2}{35}$	$\frac{107}{980}$	$\frac{1}{5}$	$\frac{33}{140}$	$\Phi_{980}^{2}\ \Phi_{490}^{2}\ \Phi_{245}^{2}\ \Phi_{196}^{2}\ \Phi_{98}^{2}\ \Phi_{49}^{2}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
133022	1746	120	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{23}{120}$	$\frac{7}{30}$	$\Phi_{120}^{18}\ \Phi_{60}^{18}\ \Phi_{40}^{18}\ \Phi_{30}^{5}\ \Phi_{24}^{18}\ \Phi_{20}^{18}\ \Phi_{15}^{4}\ \Phi_{12}^{18}\ \Phi_{10}^{4}\ \Phi_{8}^{18}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{4}^{18}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
133023	1746	125	$\frac{8}{125}$	$\frac{13}{125}$	$\frac{1}{5}$	$\frac{28}{125}$	$\Phi_{125}^{14}\ \Phi_{25}^{14}\ \Phi_{5}^{13}\ \Phi_{1}^{14}$
133024	1746	1120	$\frac{2}{35}$	$\frac{33}{280}$	$\frac{1}{5}$	$\frac{247}{1120}$	$\Phi_{1120}^{2}\ \Phi_{560}^{2}\ \Phi_{224}^{2}\ \Phi_{160}^{2}\ \Phi_{112}^{2}\ \Phi_{80}^{2}\ \Phi_{35}^{2}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
133025	1746	350	$\frac{2}{35}$	$\frac{11}{70}$	$\frac{59}{350}$	$\frac{1}{5}$	$\Phi_{350}^{6}\ \Phi_{175}^{6}\ \Phi_{50}^{6}\ \Phi_{35}^{2}\ \Phi_{25}^{6}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
133026	1746	980	$\frac{107}{980}$	$\frac{4}{35}$	$\frac{31}{245}$	$\frac{1}{5}$	$\Phi_{980}^{2}\ \Phi_{490}^{2}\ \Phi_{245}\ \Phi_{196}^{2}\ \Phi_{140}^{2}\ \Phi_{98}^{2}\ \Phi_{70}^{2}\ \Phi_{49}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133027	1747	3480	$\frac{7}{1740}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1733}{3480}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{696}\ \Phi_{232}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
133028	1747	3104	$\frac{1}{194}$	$\frac{195}{1552}$	$\frac{1357}{3104}$	$\frac{193}{388}$	$\Phi_{3104}\ \Phi_{388}\ \Phi_{32}\ \Phi_{4}\ \Phi_{1}$
133029	1747	2328	$\frac{1}{194}$	$\frac{581}{2328}$	$\frac{195}{776}$	$\frac{193}{388}$	$\Phi_{2328}\ \Phi_{1164}\ \Phi_{582}\ \Phi_{388}\ \Phi_{291}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
133030	1747	3456	$\frac{19}{1728}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{1709}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
133031	1747	3456	$\frac{19}{1728}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1709}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{27}\ \Phi_{1}$
133032	1747	3456	$\frac{19}{1728}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1709}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
133033	1747	1908	$\frac{2}{159}$	$\frac{161}{1908}$	$\frac{1}{3}$	$\frac{157}{318}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{636}\ \Phi_{477}\ \Phi_{212}\ \Phi_{159}\ \Phi_{53}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
133034	1747	2340	$\frac{8}{585}$	$\frac{1}{9}$	$\frac{593}{2340}$	$\frac{577}{1170}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{585}\ \Phi_{468}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{156}\ \Phi_{117}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{45}\ \Phi_{39}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
133035	1747	3432	$\frac{31}{1716}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1685}{3432}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{264}\ \Phi_{104}\ \Phi_{88}\ \Phi_{33}\ \Phi_{24}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
133036	1747	3420	$\frac{37}{1710}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1673}{3420}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{228}\ \Phi_{180}\ \Phi_{76}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
133037	1747	2106	$\frac{8}{351}$	$\frac{1}{9}$	$\frac{359}{2106}$	$\frac{343}{702}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{351}\ \Phi_{162}\ \Phi_{117}\ \Phi_{81}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_{1}$
133038	1747	2592	$\frac{19}{864}$	$\frac{1}{18}$	$\frac{845}{2592}$	$\frac{17}{36}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
133039	1747	1800	$\frac{53}{1800}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
133040	1747	2304	$\frac{19}{576}$	$\frac{1}{18}$	$\frac{557}{2304}$	$\frac{17}{36}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
133041	1747	2160	$\frac{19}{432}$	$\frac{1}{18}$	$\frac{413}{2160}$	$\frac{17}{36}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
133042	1747	1836	$\frac{89}{1836}$	$\frac{1}{18}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
133043	1747	2016	$\frac{1}{18}$	$\frac{19}{288}$	$\frac{269}{2016}$	$\frac{17}{36}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
133044	1747	1872	$\frac{1}{18}$	$\frac{125}{1872}$	$\frac{19}{144}$	$\frac{17}{36}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
133045	1747	1944	$\frac{1}{18}$	$\frac{19}{216}$	$\frac{197}{1944}$	$\frac{17}{36}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
133046	1747	1890	$\frac{8}{135}$	$\frac{143}{1890}$	$\frac{1}{9}$	$\frac{127}{270}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
133047	1747	1782	$\frac{35}{1782}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{162}\ \Phi_{99}\ \Phi_{81}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
133048	1747	3276	$\frac{1}{18}$	$\frac{109}{1638}$	$\frac{17}{126}$	$\frac{1529}{3276}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}\ \Phi_{156}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{52}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
133049	1747	3276	$\frac{109}{1638}$	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1529}{3276}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}\ \Phi_{156}\ \Phi_{117}\ \Phi_{84}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{28}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
133050	1747	2016	$\frac{1}{18}$	$\frac{17}{252}$	$\frac{269}{2016}$	$\frac{235}{504}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
133051	1747	1872	$\frac{125}{1872}$	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{109}{234}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
133052	1747	3240	$\frac{8}{135}$	$\frac{127}{1620}$	$\frac{1}{9}$	$\frac{1493}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
133053	1747	3180	$\frac{2}{159}$	$\frac{157}{1590}$	$\frac{1}{3}$	$\frac{1433}{3180}$	$\Phi_{3180}\ \Phi_{1060}\ \Phi_{636}\ \Phi_{212}\ \Phi_{159}\ \Phi_{60}\ \Phi_{53}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
133054	1747	3024	$\frac{1}{18}$	$\frac{17}{252}$	$\frac{235}{1512}$	$\frac{1277}{3024}$	Φ_{3024} Φ_{1008} Φ_{432} Φ_{336} Φ_{252} Φ_{144} Φ_{126} Φ_{112} Φ_{84} Φ_{63} Φ_{48} Φ_{42} Φ_{36} Φ_{28} Φ_{21} Φ_{16} Φ_{14} Φ_{12} Φ_{7} Φ_{4} Φ_{1}
133055	1747	2088	$\frac{7}{348}$	$\frac{341}{2088}$	$\frac{1}{6}$	$\frac{5}{12}$	Φ_{2088} Φ_{1044} Φ_{696} Φ_{522} Φ_{261} Φ_{232} Φ_{72} Φ_{36} Φ_{24} Φ_{18} Φ_{12} Φ_{9} Φ_{8} Φ_{4} Φ_{1}
133056	1747	1800	$\frac{53}{1800}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	Φ_{1800} Φ_{900} Φ_{600} Φ_{450} Φ_{360} Φ_{300} Φ_{225} Φ_{200} Φ_{180} Φ_{150} Φ_{120} Φ_{100} Φ_{90} Φ_{75} Φ_{72} Φ_{50} Φ_{45} Φ_{40} Φ_{36} Φ_{25} Φ_{24} Φ_{18} Φ_{12} Φ_{9} Φ_{8} Φ_{4} Φ_{1}
133057	1747	1800	$\frac{53}{1800}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	Φ_{1800} Φ_{900} Φ_{600} Φ_{450} Φ_{360} Φ_{300} Φ_{225} Φ_{200} Φ_{180} Φ_{150} Φ_{120} Φ_{100} Φ_{75} Φ_{72} Φ_{60} Φ_{50} Φ_{45} Φ_{40} Φ_{36} Φ_{25} Φ_{24} Φ_{20} Φ_{15} Φ_{12} Φ_{8} Φ_{5} Φ_{4} Φ_{1}
133058	1747	1776	$\frac{29}{1776}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	Φ_{1776} Φ_{888} Φ_{592} Φ_{444} Φ_{296} Φ_{222} Φ_{148} Φ_{111} Φ_{74} Φ_{37} Φ_{24} Φ_{12} Φ_{8} Φ_{4} Φ_{1}
133059	1747	2808	$\frac{8}{351}$	$\frac{1}{9}$	$\frac{343}{1404}$	$\frac{1061}{2808}$	Φ_{2808} Φ_{936} Φ_{351} Φ_{312} Φ_{216} Φ_{117} Φ_{104} Φ_{72} Φ_{39} Φ_{27} Φ_{24} Φ_{13} Φ_{8} Φ_{1}
133060	1747	1782	$\frac{35}{1782}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	Φ_{1782} Φ_{891} Φ_{594} Φ_{297} Φ_{198} Φ_{162} Φ_{99} Φ_{81} Φ_{66} Φ_{33} Φ_{27} Φ_{22} Φ_{11} Φ_{1}
133061	1747	2628	$\frac{5}{438}$	$\frac{1}{6}$	$\frac{433}{1314}$	$\frac{881}{2628}$	Φ_{2628} Φ_{876} Φ_{438} Φ_{292} Φ_{219} Φ_{146} Φ_{73} Φ_{36} Φ_{12} Φ_{4} Φ_{1}
133062	1747	2574	$\frac{31}{858}$	$\frac{2}{33}$	$\frac{827}{2574}$	$\frac{1}{3}$	Φ_{2574} Φ_{1287} Φ_{234} Φ_{198} Φ_{117} Φ_{99} Φ_{33} Φ_{18} Φ_{11} Φ_{9} Φ_{1}
133063	1747	2385	$\frac{2}{159}$	$\frac{157}{795}$	$\frac{638}{2385}$	$\frac{1}{3}$	Φ_{2385} Φ_{477} Φ_{159} Φ_{53} Φ_{45} Φ_{9} Φ_{1}
133064	1747	1848	$\frac{101}{1848}$	$\frac{2}{33}$	$\frac{31}{132}$	$\frac{1}{3}$	Φ_{1848} Φ_{924} Φ_{616} Φ_{462} Φ_{308} Φ_{264} Φ_{231} Φ_{168} Φ_{154} Φ_{88} Φ_{84} Φ_{77} Φ_{56} Φ_{42} Φ_{33} Φ_{28} Φ_{24} Φ_{21} Φ_{14} Φ_{11} Φ_{8} Φ_{7} Φ_{1}
133065	1747	2145	$\frac{2}{33}$	$\frac{31}{429}$	$\frac{398}{2145}$	$\frac{1}{3}$	Φ_{2145} Φ_{715} Φ_{195} Φ_{165} Φ_{65} Φ_{55} Φ_{33} Φ_{15} Φ_{11} Φ_{5} Φ_{1}
133066	1747	2592	$\frac{19}{864}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{845}{2592}$	Φ_{2592} Φ_{1296} Φ_{648} Φ_{324} Φ_{162} Φ_{81} Φ_{27} Φ_{1}
133067	1747	2592	$\frac{19}{864}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{845}{2592}$	Φ_{2592} Φ_{1296} Φ_{648} Φ_{324} Φ_{162} Φ_{81} Φ_{24} Φ_{12} Φ_{8} Φ_{4} Φ_{1}
133068	1747	2565	$\frac{37}{855}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{818}{2565}$	Φ_{2565} Φ_{513} Φ_{135} Φ_{45} Φ_{27} Φ_{15} Φ_{5} Φ_{1}
133069	1747	2025	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{278}{2025}$	$\frac{127}{405}$	Φ_{2025} Φ_{675} Φ_{225} Φ_{135} Φ_{75} Φ_{45} Φ_{27} Φ_{25} Φ_{15} Φ_{5} Φ_{1}
133070	1747	2268	$\frac{1}{18}$	$\frac{17}{252}$	$\frac{521}{2268}$	$\frac{235}{756}$	Φ_{2268} Φ_{1134} Φ_{567} Φ_{324} Φ_{252} Φ_{162} Φ_{126} Φ_{84} Φ_{81} Φ_{63} Φ_{42} Φ_{36} Φ_{28} Φ_{21} Φ_{14} Φ_{12} Φ_{7} Φ_{4} Φ_{1}
133071	1747	2160	$\frac{19}{432}$	$\frac{1}{9}$	$\frac{413}{2160}$	$\frac{8}{27}$	Φ_{2160} Φ_{1080} Φ_{720} Φ_{540} Φ_{360} Φ_{270} Φ_{240} Φ_{180} Φ_{135} Φ_{120} Φ_{90} Φ_{80} Φ_{60} Φ_{45} Φ_{40} Φ_{30} Φ_{27} Φ_{20} Φ_{15} Φ_{10} Φ_{5} Φ_{1}
133072	1747	1836	$\frac{89}{1836}$	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{8}{27}$	Φ_{1836} Φ_{918} Φ_{612} Φ_{459} Φ_{306} Φ_{204} Φ_{153} Φ_{102} Φ_{68} Φ_{51} Φ_{34} Φ_{27} Φ_{17} Φ_{1}
133073	1747	1944	$\frac{19}{216}$	$\frac{197}{1944}$	$\frac{1}{9}$	$\frac{8}{27}$	Φ_{1944} Φ_{972} Φ_{648} Φ_{486} Φ_{324} Φ_{243} Φ_{162} Φ_{81} Φ_{27} Φ_{1}
133074	1747	2457	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{109}{819}$	$\frac{710}{2457}$	Φ_{2457} Φ_{351} Φ_{189} Φ_{117} Φ_{39} Φ_{27} Φ_{13} Φ_{1}
133075	1747	2430	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{127}{810}$	$\frac{683}{2430}$	Φ_{2430} Φ_{1215} Φ_{486} Φ_{243} Φ_{135} Φ_{45} Φ_{27} Φ_{15} Φ_{5} Φ_{1}
133076	1747	1800	$\frac{53}{1800}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	Φ_{1800} Φ_{900} Φ_{600} Φ_{450} Φ_{360} Φ_{300} Φ_{225} Φ_{200} Φ_{180} Φ_{150} Φ_{120} Φ_{100} Φ_{90} Φ_{75} Φ_{60} Φ_{50} Φ_{45} Φ_{40} Φ_{30} Φ_{25} Φ_{24} Φ_{20} Φ_{15} Φ_{12} Φ_{10} Φ_{8} Φ_{5} Φ_{4} Φ_{1}
133077	1747	2304	$\frac{19}{576}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{557}{2304}$	Φ_{2304} Φ_{1152} Φ_{768} Φ_{384} Φ_{256} Φ_{128} Φ_{24} Φ_{12} Φ_{8} Φ_{4} Φ_{1}
133078	1747	2160	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{413}{2160}$	$\frac{127}{540}$	Φ_{2160} Φ_{1080} Φ_{720} Φ_{432} Φ_{360} Φ_{240} Φ_{216} Φ_{144} Φ_{135} Φ_{120} Φ_{80} Φ_{72} Φ_{48} Φ_{45} Φ_{40} Φ_{27} Φ_{24} Φ_{16} Φ_{15} Φ_{8} Φ_{5} Φ_{1}
133079	1747	1824	$\frac{77}{1824}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	Φ_{1824} Φ_{912} Φ_{608} Φ_{456} Φ_{304} Φ_{228} Φ_{152} Φ_{114} Φ_{76} Φ_{57} Φ_{38} Φ_{24} Φ_{19} Φ_{12} Φ_{8} Φ_{4} Φ_{1}
133080	1747	2160	$\frac{19}{432}$	$\frac{1}{6}$	$\frac{413}{2160}$	$\frac{5}{24}$	Φ_{2160} Φ_{1080} Φ_{720} Φ_{540} Φ_{360} Φ_{270} Φ_{240} Φ_{180} Φ_{135} Φ_{120} Φ_{90} Φ_{80} Φ_{60} Φ_{45} Φ_{40} Φ_{30} Φ_{24} Φ_{20} Φ_{15} Φ_{12} Φ_{10} Φ_{8} Φ_{5} Φ_{4} Φ_{1}
133081	1747	2016	$\frac{19}{288}$	$\frac{269}{2016}$	$\frac{1}{6}$	$\frac{5}{24}$	Φ_{2016} Φ_{1008} Φ_{672} Φ_{504} Φ_{336} Φ_{252} Φ_{224} Φ_{168} Φ_{126} Φ_{112} Φ_{84} Φ_{63} Φ_{56} Φ_{42} Φ_{28} Φ_{24} Φ_{21} Φ_{14} Φ_{12} Φ_{8} Φ_{7} Φ_{4} Φ_{1}
133082	1747	1872	$\frac{125}{1872}$	$\frac{19}{144}$	$\frac{1}{6}$	$\frac{5}{24}$	Φ_{1872} Φ_{936} Φ_{624} Φ_{468} Φ_{312} Φ_{234} Φ_{208} Φ_{156} Φ_{117} Φ_{104} Φ_{78} Φ_{52} Φ_{39} Φ_{26} Φ_{24} Φ_{13} Φ_{12} Φ_{8} Φ_{4} Φ_{1}
133083	1747	1944	$\frac{19}{216}$	$\frac{197}{1944}$	$\frac{1}{6}$	$\frac{5}{24}$	Φ_{1944} Φ_{972} Φ_{648} Φ_{486} Φ_{324} Φ_{243} Φ_{162} Φ_{81} Φ_{24} Φ_{12} Φ_{8} Φ_{4} Φ_{1}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
133084	1747	1920	$\frac{173}{1920}$	$\frac{19}{192}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
133085	1748	2616	$\frac{1}{436}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{435}{872}$	$\Phi_{2616}\ \Phi_{872}^2\ \Phi_{24}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
133086	1748	870	$\frac{2}{435}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{433}{870}$	$\Phi_{870}^4\ \Phi_{290}^4\ \Phi_{174}^4\ \Phi_{58}^4\ \Phi_{30}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{2}^4$
133087	1748	525	$\frac{1}{175}$	$\frac{88}{525}$	$\frac{1}{3}$	$\frac{87}{175}$	$\Phi_{525}^3\ \Phi_{175}^4\ \Phi_{105}^3\ \Phi_{75}^3\ \Phi_{35}^4\ \Phi_{25}^4\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{7}^4\ \Phi_{5}^4\ \Phi_{3}^2\ \Phi_{1}^4$
133088	1748	2920	$\frac{1}{146}$	$\frac{1}{5}$	$\frac{147}{584}$	$\frac{145}{292}$	$\Phi_{2920}\ \Phi_{730}\ \Phi_{365}\ \Phi_{40}\ \Phi_{10}$
133089	1748	2604	$\frac{3}{434}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{431}{868}$	$\Phi_{2604}^2\ \Phi_{372}^2\ \Phi_{84}^2\ \Phi_{21}\ \Phi_{12}^2$
133090	1748	1500	$\frac{1}{125}$	$\frac{63}{500}$	$\frac{1}{3}$	$\frac{62}{125}$	$\Phi_{1500}^2\ \Phi_{750}^2\ \Phi_{375}\ \Phi_{300}^2\ \Phi_{150}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{6}^2$
133091	1748	3276	$\frac{1}{91}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{45}{91}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{52}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
133092	1748	273	$\frac{1}{91}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{45}{91}$	$\Phi_{273}^6\ \Phi_{91}^7\ \Phi_{39}^6\ \Phi_{21}^7\ \Phi_{13}^7\ \Phi_{7}^8\ \Phi_{3}^6\ \Phi_{1}^8$
133093	1748	2457	$\frac{1}{91}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{45}{91}$	$\Phi_{2457}\ \Phi_{351}\ \Phi_{189}\ \Phi_{91}\ \Phi_{27}^2\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}^2$
133094	1748	2184	$\frac{1}{91}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{45}{91}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{364}\ \Phi_{312}\ \Phi_{168}\ \Phi_{156}\ \Phi_{104}\ \Phi_{91}\ \Phi_{84}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
133095	1748	4320	$\frac{5}{432}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{427}{864}$	$\Phi_{4320}\ \Phi_{1440}\ \Phi_{480}\ \Phi_{160}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
133096	1748	3300	$\frac{1}{75}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{37}{75}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{300}\ \Phi_{220}\ \Phi_{132}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{44}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
133097	1748	825	$\frac{1}{75}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{37}{75}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}^2\ \Phi_{75}^3\ \Phi_{55}^2\ \Phi_{33}^3\ \Phi_{25}^3\ \Phi_{15}^3\ \Phi_{11}^2\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{1}^4$
133098	1748	1665	$\frac{1}{45}$	$\frac{1}{37}$	$\frac{18}{37}$	$\frac{22}{45}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{333}\ \Phi_{185}\ \Phi_{111}\ \Phi_{45}^2\ \Phi_{37}^2\ \Phi_{15}^2\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
133099	1748	180	$\frac{1}{45}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^{11}\ \Phi_{45}^{8}\ \Phi_{36}^{10}\ \Phi_{30}^{11}\ \Phi_{20}^{10}\ \Phi_{18}^{10}\ \Phi_{15}^{9}\ \Phi_{12}^{11}\ \Phi_{10}^{10}\ \Phi_{9}^{8}\ \Phi_{6}^{11}\ \Phi_{5}^{8}\ \Phi_{4}^{10}\ \Phi_{3}^{8}\ \Phi_{2}^{10}\ \Phi_{1}^{8}$
133100	1748	1747	$\frac{39}{1747}$	$\frac{47}{1747}$	$\frac{850}{1747}$	$\frac{854}{1747}$	$\Phi_{1747}\ \Phi_{1}^2$
133101	1748	888	$\frac{1}{37}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{888}^2\ \Phi_{444}^2\ \Phi_{296}^2\ \Phi_{222}^2\ \Phi_{148}^2\ \Phi_{111}\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
133102	1748	1110	$\frac{1}{37}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{18}{37}$	$\Phi_{1110}^2\ \Phi_{555}\ \Phi_{370}^2\ \Phi_{222}^2\ \Phi_{185}\ \Phi_{111}\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{30}^4\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
133103	1748	925	$\frac{1}{37}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{18}{37}$	$\Phi_{925}^2\ \Phi_{185}\ \Phi_{37}^2\ \Phi_{25}^4\ \Phi_{5}^2\ \Phi_{1}^4$
133104	1748	999	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{18}{37}$	$\Phi_{999}^2\ \Phi_{333}\ \Phi_{111}\ \Phi_{37}^2\ \Phi_{27}^4\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
133105	1748	2550	$\frac{12}{425}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{413}{850}$	$\Phi_{2550}^2\ \Phi_{510}^2\ \Phi_{150}^2\ \Phi_{102}^2\ \Phi_{75}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{6}^2$
133106	1748	1365	$\frac{1}{35}$	$\frac{18}{455}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{1365}^2\ \Phi_{273}^2\ \Phi_{195}^2\ \Phi_{105}\ \Phi_{39}^2\ \Phi_{21}\ \Phi_{15}$
133107	1748	620	$\frac{1}{31}$	$\frac{1}{20}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{620}^3\ \Phi_{310}^3\ \Phi_{155}^3\ \Phi_{124}^3\ \Phi_{62}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2$
133108	1748	1848	$\frac{3}{77}$	$\frac{1}{24}$	$\frac{20}{77}$	$\frac{37}{77}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{66}\ \Phi_{56}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}$
133109	1748	450	$\frac{13}{450}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^3\ \Phi_{50}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{5}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
133110	1748	840	$\frac{1}{35}$	$\frac{17}{420}$	$\frac{1}{3}$	$\frac{403}{840}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{168}^4\ \Phi_{120}^4\ \Phi_{105}\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{15}\ \Phi_{8}^4$
133111	1748	1747	$\frac{68}{1747}$	$\frac{73}{1747}$	$\frac{455}{1747}$	$\frac{837}{1747}$	$\Phi_{1747}\ \Phi_{1}^2$
133112	1748	2625	$\frac{24}{875}$	$\frac{37}{875}$	$\frac{1}{3}$	$\frac{419}{875}$	$\Phi_{2625}\ \Phi_{525}\ \Phi_{375}\ \Phi_{105}\ \Phi_{75}\ \Phi_{21}\ \Phi_{15}$
133113	1748	1716	$\frac{1}{39}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{1716}^2\ \Phi_{572}^2\ \Phi_{156}^2\ \Phi_{132}\ \Phi_{52}^2\ \Phi_{44}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
133114	1748	1100	$\frac{1}{25}$	$\frac{1}{22}$	$\frac{6}{25}$	$\frac{21}{44}$	$\Phi_{1100}^3\ \Phi_{220}^3\ \Phi_{100}^3\ \Phi_{44}^4\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{1}^4$
133115	1748	220	$\frac{1}{22}$	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{220}^7\ \Phi_{110}^8\ \Phi_{55}^8\ \Phi_{44}^8\ \Phi_{22}^8\ \Phi_{20}^{11}\ \Phi_{11}^8\ \Phi_{10}^{12}\ \Phi_{5}^{11}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
133116	1748	1980	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{21}{44}$	$\Phi_{1980}^2\ \Phi_{660}\ \Phi_{396}^2\ \Phi_{220}\ \Phi_{180}^2\ \Phi_{132}\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
133117	1748	1747	$\frac{56}{1747}$	$\frac{89}{1747}$	$\frac{459}{1747}$	$\frac{829}{1747}$	$\Phi_{1747}\ \Phi_{1}^2$
133118	1748	525	$\frac{4}{175}$	$\frac{9}{175}$	$\frac{1}{3}$	$\frac{83}{175}$	$\Phi_{525}^5\ \Phi_{105}^5\ \Phi_{75}^5\ \Phi_{21}^5\ \Phi_{15}^5\ \Phi_{3}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
133119	1748	1692	$\frac{1}{47}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{1692}^2\ \Phi_{564}^2\ \Phi_{188}^2\ \Phi_{141}$
133120	1748	3276	$\frac{3}{91}$	$\frac{1}{18}$	$\frac{22}{91}$	$\frac{17}{36}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{52}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
133121	1748	360	$\frac{1}{24}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{360}^6\ \Phi_{180}^5\ \Phi_{120}^7\ \Phi_{90}^6\ \Phi_{60}^6\ \Phi_{45}^6\ \Phi_{40}^7\ \Phi_{30}^7\ \Phi_{20}^6\ \Phi_{15}^7\ \Phi_{10}^7\ \Phi_5^6$
133122	1748	1764	$\frac{1}{18}$	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{17}{36}$	$\Phi_{1764}^2\ \Phi_{588}^2\ \Phi_{252}\ \Phi_{196}^2\ \Phi_{84}\ \Phi_{49}^2\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
133123	1748	468	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{17}{36}$	$\Phi_{468}^7\ \Phi_{156}^7\ \Phi_{52}^7\ \Phi_{36}^8\ \Phi_{26}^4\ \Phi_{13}^3\ \Phi_{12}^8\ \Phi_4^8\ \Phi_2^4\ \Phi_1^4$
133124	1748	1222	$\frac{1}{47}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{1222}^2\ \Phi_{611}\ \Phi_{94}^2$
133125	1748	840	$\frac{1}{24}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^3\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{28}^3\ \Phi_{24}^2\ \Phi_{21}^3\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2$
133126	1748	264	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{264}^7\ \Phi_{132}^7\ \Phi_{88}^7\ \Phi_{66}^7\ \Phi_{44}^7\ \Phi_{33}^7\ \Phi_{24}^6\ \Phi_{22}^3\ \Phi_{12}^6\ \Phi_{11}^4\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^2\ \Phi_1^4$
133127	1748	462	$\frac{1}{77}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{462}^7\ \Phi_{231}\ \Phi_{154}^7\ \Phi_{66}^7\ \Phi_{42}^6\ \Phi_{33}\ \Phi_{22}^7\ \Phi_{21}\ \Phi_{14}^6\ \Phi_6^6\ \Phi_2^6$
133128	1748	2464	$\frac{1}{77}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{2464}\ \Phi_{616}\ \Phi_{352}\ \Phi_{308}\ \Phi_{224}\ \Phi_{154}\ \Phi_{88}\ \Phi_{56}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}$
133129	1748	441	$\frac{4}{441}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{441}^4\ \Phi_{147}^4\ \Phi_{63}^4\ \Phi_{49}^4\ \Phi_{21}^3\ \Phi_9^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
133130	1748	168	$\frac{1}{24}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{168}^{11}\ \Phi_{84}^{11}\ \Phi_{56}^{11}\ \Phi_{42}^{11}\ \Phi_{28}^{11}\ \Phi_{24}^{10}\ \Phi_{21}^7\ \Phi_{14}^{11}\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_7^8\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^6\ \Phi_2^{10}\ \Phi_1^8$
133131	1748	3080	$\frac{1}{77}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{308}\ \Phi_{280}\ \Phi_{154}\ \Phi_{88}\ \Phi_{56}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}$
133132	1748	264	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{264}^7\ \Phi_{132}^7\ \Phi_{88}^7\ \Phi_{66}^7\ \Phi_{44}^7\ \Phi_{33}^5\ \Phi_{24}^6\ \Phi_{22}^7\ \Phi_{12}^6\ \Phi_{11}^4\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
133133	1748	750	$\frac{1}{125}$	$\frac{62}{375}$	$\frac{1}{3}$	$\frac{313}{750}$	$\Phi_{750}^4\ \Phi_{375}\ \Phi_{250}^4\ \Phi_{150}^4\ \Phi_{75}\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
133134	1748	2220	$\frac{7}{444}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{740}\ \Phi_{555}\ \Phi_{370}\ \Phi_{185}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
133135	1748	2976	$\frac{1}{93}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{96}\ \Phi_{62}\ \Phi_{12}\ \Phi_6$
133136	1748	730	$\frac{1}{73}$	$\frac{72}{365}$	$\frac{1}{5}$	$\frac{293}{730}$	$\Phi_{730}^4\ \Phi_{365}\ \Phi_{146}^4\ \Phi_{10}^4\ \Phi_2^4$
133137	1748	1320	$\frac{3}{440}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{330}^2\ \Phi_{264}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{120}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
133138	1748	2100	$\frac{1}{175}$	$\frac{87}{350}$	$\frac{1}{3}$	$\frac{263}{700}$	$\Phi_{2100}^2\ \Phi_{525}\ \Phi_{420}^2\ \Phi_{300}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}^2$
133139	1748	744	$\frac{1}{93}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{744}^2\ \Phi_{372}^3\ \Phi_{248}^2\ \Phi_{186}^3\ \Phi_{124}^3\ \Phi_{93}^2\ \Phi_{62}^3\ \Phi_{31}^2\ \Phi_{24}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
133140	1748	930	$\frac{1}{93}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{930}^3\ \Phi_{465}\ \Phi_{310}^3\ \Phi_{186}^3\ \Phi_{155}\ \Phi_{62}^3\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
133141	1748	2772	$\frac{1}{77}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{462}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}$
133142	1748	654	$\frac{1}{218}$	$\frac{217}{654}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{654}^3\ \Phi_{327}^3\ \Phi_{218}^2\ \Phi_{109}^2\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
133143	1748	1320	$\frac{3}{440}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}^2\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
133144	1748	1635	$\frac{1}{109}$	$\frac{108}{545}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1635}\ \Phi_{545}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
133145	1748	987	$\frac{1}{47}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{987}^2\ \Phi_{329}^2\ \Phi_{141}$
133146	1748	654	$\frac{9}{218}$	$\frac{11}{218}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{654}^2\ \Phi_{327}^2\ \Phi_{218}^4\ \Phi_{109}^4\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
133147	1748	120	$\frac{1}{24}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^{16}\ \Phi_{60}^{15}\ \Phi_{40}^{16}\ \Phi_{30}^{15}\ \Phi_{24}^{12}\ \Phi_{20}^{14}\ \Phi_{15}^{15}\ \Phi_{12}^{11}\ \Phi_{10}^{14}\ \Phi_8^{12}\ \Phi_6^{11}\ \Phi_5^{14}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
133148	1748	1125	$\frac{1}{125}$	$\frac{251}{1125}$	$\frac{124}{375}$	$\frac{1}{3}$	$\Phi_{1125}^2\ \Phi_{375}\ \Phi_{225}^2\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{15}\ \Phi_9^2$
133149	1748	1305	$\frac{4}{435}$	$\frac{1}{5}$	$\frac{431}{1305}$	$\frac{1}{3}$	$\Phi_{1305}^2\ \Phi_{261}^2\ \Phi_{45}^2\ \Phi_{15}\ \Phi_9^2$
133150	1748	651	$\frac{3}{217}$	$\frac{1}{7}$	$\frac{214}{651}$	$\frac{1}{3}$	$\Phi_{651}^2\ \Phi_{217}^4\ \Phi_{93}^2\ \Phi_{31}^4\ \Phi_{21}^3\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
133151	1748	945	$\frac{1}{35}$	$\frac{71}{945}$	$\frac{34}{105}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_9^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
133152	1748	540	$\frac{2}{45}$	$\frac{1}{20}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{540}^{5}\,\Phi_{270}^{5}\,\Phi_{135}^{4}\,\Phi_{108}^{5}\,\Phi_{60}\,\Phi_{54}^{5}\,\Phi_{30}\,\Phi_{27}^{4}\,\Phi_{15}\,\Phi_{12}\,\Phi_{6}$
133153	1748	1275	$\frac{1}{25}$	$\frac{24}{425}$	$\frac{401}{1275}$	$\frac{1}{3}$	$\Phi_{1275}\,\Phi_{425}^{2}\,\Phi_{255}\,\Phi_{85}^{2}\,\Phi_{75}^{2}\,\Phi_{51}\,\Phi_{25}^{2}\,\Phi_{17}^{2}\,\Phi_{15}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
133154	1748	630	$\frac{1}{35}$	$\frac{17}{210}$	$\frac{193}{630}$	$\frac{1}{3}$	$\Phi_{630}^{4}\,\Phi_{315}^{4}\,\Phi_{126}^{4}\,\Phi_{105}\,\Phi_{90}^{4}\,\Phi_{63}^{4}\,\Phi_{45}^{4}\,\Phi_{21}\,\Phi_{18}^{4}\,\Phi_{15}\,\Phi_{9}^{4}$
133155	1748	429	$\frac{1}{39}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{429}^{4}\,\Phi_{143}^{4}\,\Phi_{39}^{6}\,\Phi_{33}^{3}\,\Phi_{13}^{6}\,\Phi_{11}^{2}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
133156	1748	1269	$\frac{1}{47}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{1269}^{2}\,\Phi_{141}$
133157	1748	885	$\frac{11}{885}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{885}^{2}\,\Phi_{295}^{2}\,\Phi_{177}^{2}\,\Phi_{59}^{2}\,\Phi_{15}$
133158	1748	1740	$\frac{2}{145}$	$\frac{1}{5}$	$\frac{143}{580}$	$\frac{1}{3}$	$\Phi_{1740}^{2}\,\Phi_{870}^{2}\,\Phi_{348}^{2}\,\Phi_{174}^{2}\,\Phi_{60}^{2}\,\Phi_{30}^{2}\,\Phi_{15}\,\Phi_{12}^{2}\,\Phi_{6}^{2}$
133159	1748	1470	$\frac{1}{35}$	$\frac{53}{490}$	$\frac{17}{70}$	$\frac{1}{3}$	$\Phi_{1470}^{2}\,\Phi_{735}^{2}\,\Phi_{294}^{2}\,\Phi_{147}^{2}\,\Phi_{105}\,\Phi_{21}\,\Phi_{15}$
133160	1748	273	$\frac{3}{91}$	$\frac{2}{21}$	$\frac{22}{91}$	$\frac{1}{3}$	$\Phi_{273}^{6}\,\Phi_{91}^{7}\,\Phi_{39}^{6}\,\Phi_{21}^{7}\,\Phi_{13}^{7}\,\Phi_{7}^{8}\,\Phi_{3}^{6}\,\Phi_{1}^{8}$
133161	1748	60	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{60}^{31}\,\Phi_{30}^{27}\,\Phi_{20}^{30}\,\Phi_{15}^{29}\,\Phi_{12}^{31}\,\Phi_{10}^{26}\,\Phi_{6}^{27}\,\Phi_{5}^{28}\,\Phi_{4}^{30}\,\Phi_{3}^{28}\,\Phi_{2}^{26}\,\Phi_{1}^{28}$
133162	1748	2115	$\frac{1}{47}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2115}\,\Phi_{705}\,\Phi_{235}\,\Phi_{141}$
133163	1748	1980	$\frac{1}{20}$	$\frac{7}{99}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1980}\,\Phi_{990}\,\Phi_{660}\,\Phi_{495}\,\Phi_{396}\,\Phi_{330}\,\Phi_{220}\,\Phi_{198}\,\Phi_{165}\,\Phi_{132}\,\Phi_{110}\,\Phi_{66}\,\Phi_{60}\,\Phi_{55}\,\Phi_{44}\,\Phi_{30}\,\Phi_{22}\,\Phi_{15}\,\Phi_{12}\,\Phi_{6}$
133164	1748	1680	$\frac{1}{35}$	$\frac{17}{140}$	$\frac{123}{560}$	$\frac{1}{3}$	$\Phi_{1680}^{2}\,\Phi_{840}^{2}\,\Phi_{336}^{2}\,\Phi_{240}^{2}\,\Phi_{168}^{2}\,\Phi_{120}^{2}\,\Phi_{105}\,\Phi_{48}^{2}\,\Phi_{24}^{2}\,\Phi_{21}\,\Phi_{15}$
133165	1748	1344	$\frac{11}{448}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{1344}^{2}\,\Phi_{672}^{2}\,\Phi_{336}^{2}\,\Phi_{192}^{2}\,\Phi_{168}^{2}\,\Phi_{96}^{2}\,\Phi_{84}^{2}\,\Phi_{48}^{2}\,\Phi_{24}^{2}\,\Phi_{21}\,\Phi_{12}^{2}$
133166	1748	1128	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{1128}^{2}\,\Phi_{564}^{2}\,\Phi_{376}^{2}\,\Phi_{188}^{2}\,\Phi_{141}$
133167	1748	2610	$\frac{2}{87}$	$\frac{85}{522}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2610}\,\Phi_{1305}\,\Phi_{870}\,\Phi_{290}\,\Phi_{90}\,\Phi_{45}\,\Phi_{30}\,\Phi_{15}\,\Phi_{10}$
133168	1748	3045	$\frac{4}{145}$	$\frac{141}{1015}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3045}\,\Phi_{609}\,\Phi_{105}\,\Phi_{21}\,\Phi_{15}$
133169	1748	450	$\frac{13}{450}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{450}^{4}\,\Phi_{225}^{4}\,\Phi_{150}^{4}\,\Phi_{90}^{4}\,\Phi_{75}^{4}\,\Phi_{50}^{4}\,\Phi_{45}^{4}\,\Phi_{30}^{4}\,\Phi_{25}^{4}\,\Phi_{18}^{4}\,\Phi_{15}\,\Phi_{10}^{4}\,\Phi_{9}^{4}\,\Phi_{6}^{4}\,\Phi_{2}^{4}$
133170	1748	840	$\frac{1}{24}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{840}^{3}\,\Phi_{420}^{3}\,\Phi_{280}^{3}\,\Phi_{210}^{3}\,\Phi_{140}^{3}\,\Phi_{120}\,\Phi_{105}^{2}\,\Phi_{70}^{3}\,\Phi_{60}\,\Phi_{40}\,\Phi_{35}^{2}\,\Phi_{30}\,\Phi_{20}\,\Phi_{15}\,\Phi_{10}$
133171	1748	300	$\frac{1}{20}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{300}^{10}\,\Phi_{150}^{10}\,\Phi_{75}^{8}\,\Phi_{60}^{6}\,\Phi_{30}^{6}\,\Phi_{15}^{5}\,\Phi_{12}^{6}\,\Phi_{6}^{6}\,\Phi_{3}^{4}$
133172	1748	3255	$\frac{6}{217}$	$\frac{1}{7}$	$\frac{211}{1085}$	$\frac{1}{3}$	$\Phi_{3255}\,\Phi_{465}\,\Phi_{105}\,\Phi_{21}\,\Phi_{15}$
133173	1748	525	$\frac{1}{35}$	$\frac{17}{105}$	$\frac{88}{525}$	$\frac{1}{3}$	$\Phi_{525}^{4}\,\Phi_{175}^{4}\,\Phi_{105}\,\Phi_{75}^{4}\,\Phi_{25}^{4}\,\Phi_{21}\,\Phi_{15}$
133174	1748	540	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{540}^{4}\,\Phi_{270}^{4}\,\Phi_{180}^{2}\,\Phi_{135}^{4}\,\Phi_{108}^{4}\,\Phi_{90}^{2}\,\Phi_{60}^{3}\,\Phi_{54}^{4}\,\Phi_{45}^{2}\,\Phi_{36}^{2}\,\Phi_{30}^{3}\,\Phi_{20}^{2}\,\Phi_{18}^{2}\,\Phi_{15}^{3}\,\Phi_{12}^{3}\,\Phi_{10}^{2}\,\Phi_{6}^{3}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}$
133175	1748	147	$\frac{3}{49}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{147}^{12}\,\Phi_{49}^{14}\,\Phi_{21}^{7}\,\Phi_{7}^{8}\,\Phi_{3}^{6}\,\Phi_{1}^{8}$
133176	1748	420	$\frac{1}{20}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{420}^{5}\,\Phi_{210}^{5}\,\Phi_{140}^{5}\,\Phi_{105}^{4}\,\Phi_{84}^{5}\,\Phi_{70}^{5}\,\Phi_{60}\,\Phi_{42}^{5}\,\Phi_{35}^{4}\,\Phi_{30}\,\Phi_{28}^{5}\,\Phi_{21}^{4}\,\Phi_{15}\,\Phi_{14}^{5}\,\Phi_{12}\,\Phi_{7}^{4}\,\Phi_{6}$
133177	1748	546	$\frac{1}{13}$	$\frac{2}{21}$	$\frac{3}{26}$	$\frac{1}{3}$	$\Phi_{546}^{4}\,\Phi_{273}^{3}\,\Phi_{182}^{4}\,\Phi_{91}^{3}\,\Phi_{42}^{4}\,\Phi_{26}^{4}\,\Phi_{21}^{4}\,\Phi_{14}^{4}\,\Phi_{13}^{3}\,\Phi_{7}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
133178	1748	3240	$\frac{5}{216}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{211}{648}$	$\Phi_{3240}\,\Phi_{1620}\,\Phi_{810}\,\Phi_{405}\,\Phi_{30}\,\Phi_{15}\,\Phi_{10}$
133179	1748	825	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{6}{25}$	$\frac{10}{33}$	$\Phi_{825}^{3}\,\Phi_{165}^{3}\,\Phi_{75}^{3}\,\Phi_{33}^{4}\,\Phi_{25}^{3}\,\Phi_{15}^{3}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
133180	1748	792	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{792}^{3}\,\Phi_{396}^{3}\,\Phi_{264}\,\Phi_{198}^{3}\,\Phi_{132}\,\Phi_{99}^{2}\,\Phi_{88}\,\Phi_{72}^{3}\,\Phi_{66}\,\Phi_{44}\,\Phi_{36}^{3}\,\Phi_{33}\,\Phi_{22}\,\Phi_{18}^{3}\,\Phi_{9}^{2}$
133181	1748	660	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{660}^{4}\,\Phi_{330}^{4}\,\Phi_{165}^{3}\,\Phi_{132}^{4}\,\Phi_{66}^{4}\,\Phi_{60}^{4}\,\Phi_{33}^{4}\,\Phi_{30}^{4}\,\Phi_{20}^{4}\,\Phi_{15}^{3}\,\Phi_{12}^{4}\,\Phi_{10}^{4}\,\Phi_{6}^{4}\,\Phi_{5}^{3}\,\Phi_{4}^{4}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
133182	1748	495	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{7}{45}$	$\frac{10}{33}$	$\Phi_{495}^{4}\,\Phi_{165}^{2}\,\Phi_{99}^{4}\,\Phi_{55}^{2}\,\Phi_{45}^{6}\,\Phi_{33}^{3}\,\Phi_{15}^{3}\,\Phi_{11}^{2}\,\Phi_{9}^{6}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
133183	1748	2457	$\frac{3}{91}$	$\frac{1}{9}$	$\frac{22}{91}$	$\frac{8}{27}$	$\Phi_{2457}\,\Phi_{351}\,\Phi_{189}\,\Phi_{91}\,\Phi_{27}^{2}\,\Phi_{13}\,\Phi_{7}\,\Phi_{1}^{2}$
133184	1748	1080	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{1080}^{3}\,\Phi_{540}^{3}\,\Phi_{270}^{3}\,\Phi_{135}^{2}\,\Phi_{120}\,\Phi_{60}\,\Phi_{40}\,\Phi_{30}\,\Phi_{20}\,\Phi_{15}\,\Phi_{10}$
133185	1748	1323	$\frac{3}{49}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{27}$	$\Phi_{1323}^{2}\,\Phi_{189}\,\Phi_{49}^{2}\,\Phi_{27}^{2}\,\Phi_{7}\,\Phi_{1}^{2}$
133186	1748	702	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{3}{26}$	$\frac{8}{27}$	$\Phi_{702}^{4}\,\Phi_{351}^{3}\,\Phi_{54}^{4}\,\Phi_{27}^{4}\,\Phi_{26}^{4}\,\Phi_{13}^{3}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
133187	1748	450	$\frac{13}{450}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{450}^{4}\,\Phi_{225}^{4}\,\Phi_{150}^{4}\,\Phi_{90}^{3}\,\Phi_{75}^{4}\,\Phi_{50}^{4}\,\Phi_{45}^{3}\,\Phi_{30}^{4}\,\Phi_{25}^{4}\,\Phi_{18}^{4}\,\Phi_{15}^{4}\,\Phi_{10}^{4}\,\Phi_{9}^{4}\,\Phi_{6}^{4}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
133188	1748	840	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^3\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^3\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
133189	1748	620	$\frac{1}{20}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{620}^3\ \Phi_{310}^3\ \Phi_{155}^3\ \Phi_{124}^3\ \Phi_{62}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
133190	1748	2184	$\frac{3}{91}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{22}{91}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{364}\ \Phi_{312}\ \Phi_{168}\ \Phi_{156}\ \Phi_{104}\ \Phi_{91}\ \Phi_{84}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
133191	1748	2880	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{139}{576}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{160}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
133192	1748	120	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{120}^{18}\ \Phi_{60}^{18}\ \Phi_{40}^{18}\ \Phi_{30}^{19}\ \Phi_{20}^{18}\ \Phi_{15}^{19}\ \Phi_{10}^{19}\ \Phi_5^{18}$
133193	1748	1176	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{392}^2\ \Phi_{196}^2\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{49}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
133194	1748	312	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{312}^7\ \Phi_{156}^7\ \Phi_{104}^7\ \Phi_{52}^7\ \Phi_{26}^4\ \Phi_{24}^8\ \Phi_{13}^3\ \Phi_{12}^8\ \Phi_8^8\ \Phi_4^8\ \Phi_2^4\ \Phi_1^4$
133195	1748	540	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{103}{540}$	$\frac{1}{5}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^4\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{54}^4\ \Phi_{45}^3\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{20}^3\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
133196	1748	2340	$\frac{31}{468}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{65}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
133197	1748	2520	$\frac{5}{72}$	$\frac{67}{504}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
133198	1748	480	$\frac{43}{480}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{480}^4\ \Phi_{240}^3\ \Phi_{160}^4\ \Phi_{120}^3\ \Phi_{96}^4\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{40}^3\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
133199	1748	2430	$\frac{5}{54}$	$\frac{49}{486}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{810}\ \Phi_{405}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
133200	1749	3488	$\frac{5}{1744}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1739}{3488}$	$\Phi_{3488}\ \Phi_{32}\ \Phi_8\ \Phi_1$
133201	1749	2336	$\frac{3}{584}$	$\frac{1}{4}$	$\frac{587}{2336}$	$\frac{581}{1168}$	$\Phi_{2336}\ \Phi_{584}\ \Phi_{292}\ \Phi_{146}\ \Phi_{73}\ \Phi_{32}\ \Phi_8\ \Phi_1$
133202	1749	1160	$\frac{3}{580}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{577}{1160}$	$\Phi_{1160}^3\ \Phi_{232}^3\ \Phi_{40}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
133203	1749	1580	$\frac{1}{158}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{157}{316}$	$\Phi_{790}^2\ \Phi_{395}^2\ \Phi_{316}\ \Phi_{158}^2\ \Phi_{79}^2\ \Phi_{20}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
133204	1749	4740	$\frac{1}{158}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{157}{316}$	$\Phi_{4740}\ \Phi_{948}\ \Phi_{316}\ \Phi_{60}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
133205	1749	1104	$\frac{1}{92}$	$\frac{31}{552}$	$\frac{521}{1104}$	$\frac{91}{184}$	$\Phi_{1104}^3\ \Phi_{368}^3\ \Phi_{184}\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_8\ \Phi_1$
133206	1749	736	$\frac{1}{92}$	$\frac{31}{184}$	$\frac{153}{736}$	$\frac{91}{184}$	$\Phi_{736}^3\ \Phi_{368}^3\ \Phi_{184}\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8\ \Phi_1$
133207	1749	1152	$\frac{7}{576}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{569}{1152}$	$\Phi_{1152}^3\ \Phi_{384}^3\ \Phi_{128}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
133208	1749	304	$\frac{1}{76}$	$\frac{7}{152}$	$\frac{145}{304}$	$\frac{75}{152}$	$\Phi_{304}^{11}\ \Phi_{152}\ \Phi_{16}^{11}\ \Phi_8\ \Phi_1$
133209	1749	832	$\frac{1}{52}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{51}{104}$	$\Phi_{832}^4\ \Phi_{104}\ \Phi_{64}^5\ \Phi_8\ \Phi_1$
133210	1749	208	$\frac{1}{52}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{51}{104}$	$\Phi_{208}^8\ \Phi_{104}^9\ \Phi_{52}^8\ \Phi_{26}^8\ \Phi_{16}^{10}\ \Phi_{13}^8\ \Phi_8^{11}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
133211	1749	312	$\frac{1}{52}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{51}{104}$	$\Phi_{312}^{12}\ \Phi_{104}^9\ \Phi_{24}^{12}\ \Phi_{12}^3\ \Phi_8^9\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
133212	1749	520	$\frac{1}{52}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{51}{104}$	$\Phi_{520}^4\ \Phi_{260}^4\ \Phi_{130}^4\ \Phi_{104}\ \Phi_{65}^4\ \Phi_{40}^5\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_8\ \Phi_5^5\ \Phi_1$
133213	1749	1140	$\frac{13}{570}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{557}{1140}$	$\Phi_{1140}^3\ \Phi_{380}^3\ \Phi_{228}^3\ \Phi_{76}^3\ \Phi_{60}^3\ \Phi_{20}^3\ \Phi_{19}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
133214	1749	1860	$\frac{4}{155}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{151}{310}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{465}\ \Phi_{372}\ \Phi_{186}\ \Phi_{155}\ \Phi_{124}\ \Phi_{93}\ \Phi_{60}^2\ \Phi_{31}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
133215	1749	2356	$\frac{18}{589}$	$\frac{1}{19}$	$\frac{607}{2356}$	$\frac{571}{1178}$	$\Phi_{2356}\ \Phi_{589}\ \Phi_{124}\ \Phi_{76}\ \Phi_{31}\ \Phi_4\ \Phi_1$
133216	1749	2496	$\frac{1}{32}$	$\frac{1}{26}$	$\frac{25}{78}$	$\frac{31}{64}$	$\Phi_{2496}^2\ \Phi_{192}^2\ \Phi_{78}\ \Phi_{64}\ \Phi_{39}\ \Phi_6\ \Phi_3\ \Phi_1$
133217	1749	448	$\frac{1}{32}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{448}^8\ \Phi_{64}^5\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
133218	1749	4160	$\frac{1}{32}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{31}{64}$	$\Phi_{4160}\ \Phi_{320}\ \Phi_{65}\ \Phi_{64}\ \Phi_5\ \Phi_1$
133219	1749	192	$\frac{1}{32}$	$\frac{1}{12}$	$\frac{11}{64}$	$\frac{31}{64}$	$\Phi_{192}^8\ \Phi_{96}^{12}\ \Phi_{64}^6\ \Phi_{48}^{12}\ \Phi_{32}^9\ \Phi_{24}^{12}\ \Phi_{16}^9\ \Phi_{12}^{11}\ \Phi_8^9\ \Phi_6^{11}\ \Phi_4^8\ \Phi_3^{11}\ \Phi_2^8\ \Phi_1^9$
133220	1749	102	$\frac{1}{34}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{102}^{17}\ \Phi_{51}^{18}\ \Phi_{34}^{16}\ \Phi_{17}^{17}\ \Phi_6^{17}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{17}$
133221	1749	304	$\frac{7}{152}$	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{145}{304}$	$\Phi_{304}^{11}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{16}^{11}\ \Phi_2^2\ \Phi_1^3$
133222	1749	912	$\frac{7}{152}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{145}{304}$	$\Phi_{912}^4\ \Phi_{304}^3\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
133223	1749	1224	$\frac{1}{34}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{1224}^{2}\ \Phi_{408}^{2}\ \Phi_{306}^{2}\ \Phi_{153}^{2}\ \Phi_{136}^{2}\ \Phi_{102}^{2}\ \Phi_{72}\ \Phi_{51}^{2}\ \Phi_{34}\ \Phi_{24}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
133224	1749	1104	$\frac{1}{46}$	$\frac{31}{552}$	$\frac{15}{46}$	$\frac{521}{1104}$	$\Phi_{1104}^{3}\ \Phi_{368}^{3}\ \Phi_{48}^{3}\ \Phi_{46}^{2}\ \Phi_{23}^{2}\ \Phi_{16}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133225	1749	300	$\frac{3}{50}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{47}{100}$	$\Phi_{300}^{6}\ \Phi_{150}^{6}\ \Phi_{100}^{3}\ \Phi_{75}^{6}\ \Phi_{60}^{8}\ \Phi_{50}^{6}\ \Phi_{30}^{8}\ \Phi_{25}^{5}\ \Phi_{20}^{8}\ \Phi_{15}^{7}\ \Phi_{12}^{7}\ \Phi_{10}^{7}\ \Phi_{6}^{7}\ \Phi_{5}^{7}\ \Phi_{4}^{4}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
133226	1749	2392	$\frac{1}{46}$	$\frac{45}{598}$	$\frac{643}{2392}$	$\frac{553}{1196}$	$\Phi_{2392}\ \Phi_{598}\ \Phi_{299}\ \Phi_{184}\ \Phi_{104}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
133227	1749	3220	$\frac{1}{23}$	$\frac{139}{1610}$	$\frac{22}{161}$	$\frac{1471}{3220}$	$\Phi_{3220}\ \Phi_{644}\ \Phi_{460}\ \Phi_{161}\ \Phi_{140}\ \Phi_{92}\ \Phi_{28}\ \Phi_{20}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
133228	1749	184	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{25}{184}$	$\frac{21}{46}$	$\Phi_{184}^{11}\ \Phi_{92}^{11}\ \Phi_{23}^{10}\ \Phi_{8}^{11}\ \Phi_{4}^{11}\ \Phi_{1}^{11}$
133229	1749	1064	$\frac{1}{76}$	$\frac{51}{532}$	$\frac{25}{76}$	$\frac{481}{1064}$	$\Phi_{1064}^{3}\ \Phi_{152}^{3}\ \Phi_{76}^{2}\ \Phi_{56}^{3}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133230	1749	1580	$\frac{1}{79}$	$\frac{1}{10}$	$\frac{26}{79}$	$\frac{9}{20}$	$\Phi_{1580}^{2}\ \Phi_{316}^{2}\ \Phi_{79}^{2}\ \Phi_{20}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
133231	1749	540	$\frac{1}{54}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{540}^{2}\ \Phi_{270}^{4}\ \Phi_{180}^{2}\ \Phi_{135}^{4}\ \Phi_{108}^{4}\ \Phi_{90}^{4}\ \Phi_{60}^{2}\ \Phi_{54}^{5}\ \Phi_{45}^{4}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{27}^{5}\ \Phi_{20}\ \Phi_{18}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{2}\ \Phi_{9}^{5}\ \Phi_{6}^{5}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133232	1749	1632	$\frac{1}{34}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{1632}^{2}\ \Phi_{544}^{2}\ \Phi_{102}^{2}\ \Phi_{96}\ \Phi_{51}^{2}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
133233	1749	96	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{5}{48}$	$\frac{43}{96}$	$\Phi_{96}^{33}\ \Phi_{48}^{4}\ \Phi_{32}^{33}\ \Phi_{24}^{4}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133234	1749	2432	$\frac{1}{76}$	$\frac{75}{608}$	$\frac{683}{2432}$	$\frac{533}{1216}$	$\Phi_{2432}\ \Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
133235	1749	592	$\frac{9}{592}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{592}^{3}\ \Phi_{296}^{3}\ \Phi_{148}^{3}\ \Phi_{74}^{3}\ \Phi_{37}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133236	1749	840	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{19}{140}$	$\frac{121}{280}$	$\Phi_{840}^{4}\ \Phi_{280}^{3}\ \Phi_{168}^{4}\ \Phi_{120}^{4}\ \Phi_{60}^{4}\ \Phi_{56}^{3}\ \Phi_{40}^{3}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133237	1749	644	$\frac{1}{23}$	$\frac{61}{644}$	$\frac{22}{161}$	$\frac{139}{322}$	$\Phi_{644}^{3}\ \Phi_{322}^{2}\ \Phi_{161}^{3}\ \Phi_{92}^{3}\ \Phi_{46}^{2}\ \Phi_{28}^{3}\ \Phi_{23}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{3}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133238	1749	2044	$\frac{1}{73}$	$\frac{72}{511}$	$\frac{1}{4}$	$\frac{439}{1022}$	$\Phi_{2044}\ \Phi_{511}\ \Phi_{292}^{2}\ \Phi_{146}\ \Phi_{73}\ \Phi_{28}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
133239	1749	3040	$\frac{1}{76}$	$\frac{229}{1520}$	$\frac{75}{304}$	$\frac{1291}{3040}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{304}\ \Phi_{160}\ \Phi_{152}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
133240	1749	92	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{7}{46}$	$\frac{39}{92}$	$\Phi_{92}^{33}\ \Phi_{23}^{10}\ \Phi_{4}^{33}\ \Phi_{1}^{11}$
133241	1749	1020	$\frac{1}{34}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{340}^{2}\ \Phi_{255}^{2}\ \Phi_{170}^{2}\ \Phi_{102}^{2}\ \Phi_{85}^{2}\ \Phi_{60}\ \Phi_{51}^{2}\ \Phi_{34}\ \Phi_{30}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
133242	1749	1530	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}^{2}\ \Phi_{255}\ \Phi_{170}\ \Phi_{153}^{2}\ \Phi_{102}^{2}\ \Phi_{85}\ \Phi_{51}^{2}\ \Phi_{45}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{15}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
133243	1749	2944	$\frac{1}{92}$	$\frac{277}{1472}$	$\frac{91}{368}$	$\frac{1195}{2944}$	$\Phi_{2944}\ \Phi_{368}\ \Phi_{184}\ \Phi_{128}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
133244	1749	2920	$\frac{3}{292}$	$\frac{289}{1460}$	$\frac{1}{4}$	$\frac{1171}{2920}$	$\Phi_{2920}\ \Phi_{584}\ \Phi_{292}\ \Phi_{146}\ \Phi_{73}\ \Phi_{40}\ \Phi_{8}\ \Phi_{1}$
133245	1749	1440	$\frac{1}{160}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}^{2}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}^{2}\ \Phi_{180}\ \Phi_{160}\ \Phi_{144}\ \Phi_{120}^{2}\ \Phi_{96}^{2}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
133246	1749	768	$\frac{1}{32}$	$\frac{1}{12}$	$\frac{31}{128}$	$\frac{97}{256}$	$\Phi_{768}^{4}\ \Phi_{256}^{3}\ \Phi_{96}^{4}\ \Phi_{48}^{4}\ \Phi_{32}^{3}\ \Phi_{24}^{4}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133247	1749	736	$\frac{1}{92}$	$\frac{153}{736}$	$\frac{91}{368}$	$\frac{277}{736}$	$\Phi_{736}^{2}\ \Phi_{368}^{3}\ \Phi_{184}^{3}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{32}^{2}\ \Phi_{23}^{2}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133248	1749	872	$\frac{5}{872}$	$\frac{1}{4}$	$\frac{289}{872}$	$\frac{3}{8}$	$\Phi_{872}^{2}\ \Phi_{436}^{2}\ \Phi_{218}^{2}\ \Phi_{109}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133249	1749	160	$\frac{1}{160}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{160}^{11}\ \Phi_{80}^{11}\ \Phi_{40}^{11}\ \Phi_{32}^{11}\ \Phi_{20}^{11}\ \Phi_{16}^{10}\ \Phi_{10}^{11}\ \Phi_{8}^{11}\ \Phi_{5}^{11}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
133250	1749	589	$\frac{6}{589}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{589}^{3}\ \Phi_{31}^{3}\ \Phi_{19}^{2}\ \Phi_{1}^{3}$
133251	1749	920	$\frac{1}{92}$	$\frac{91}{460}$	$\frac{123}{460}$	$\frac{337}{920}$	$\Phi_{920}^{3}\ \Phi_{460}\ \Phi_{230}\ \Phi_{184}^{3}\ \Phi_{115}\ \Phi_{40}^{3}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{5}\ \Phi_{1}$
133252	1749	912	$\frac{1}{76}$	$\frac{25}{152}$	$\frac{127}{456}$	$\frac{329}{912}$	$\Phi_{912}^{3}\ \Phi_{304}^{3}\ \Phi_{152}^{3}\ \Phi_{76}^{2}\ \Phi_{48}^{3}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133253	1749	608	$\frac{25}{608}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{608}^{3}\ \Phi_{304}^{3}\ \Phi_{152}^{3}\ \Phi_{76}^{3}\ \Phi_{32}^{3}\ \Phi_{19}^{2}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
133254	1749	240	$\frac{1}{40}$	$\frac{1}{12}$	$\frac{13}{40}$	$\frac{27}{80}$	$\Phi_{240}^{12}\ \Phi_{120}^{4}\ \Phi_{80}^{9}\ \Phi_{60}^{4}\ \Phi_{48}^{12}\ \Phi_{40}^{3}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{3}\ \Phi_{16}^{9}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133255	1749	644	$\frac{1}{46}$	$\frac{61}{644}$	$\frac{15}{46}$	$\frac{31}{92}$	$\Phi_{644}^{3}\ \Phi_{322}^{3}\ \Phi_{161}^{3}\ \Phi_{46}^{2}\ \Phi_{28}^{3}\ \Phi_{23}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133256	1749	876	$\frac{1}{146}$	$\frac{1}{4}$	$\frac{145}{438}$	$\frac{293}{876}$	$\Phi_{876}\ \Phi_{438}^{2}\ \Phi_{292}^{3}\ \Phi_{219}^{2}\ \Phi_{146}^{3}\ \Phi_{73}^{3}\ \Phi_{12}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133257	1749	1185	$\frac{1}{79}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{26}{79}$	$\Phi_{1185}^{2}\ \Phi_{237}^{2}\ \Phi_{79}^{2}\ \Phi_{15}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
133258	1749	828	$\frac{1}{46}$	$\frac{31}{276}$	$\frac{245}{828}$	$\frac{15}{46}$	$\Phi_{828}^{3}\ \Phi_{414}^{3}\ \Phi_{207}^{3}\ \Phi_{46}^{2}\ \Phi_{36}^{3}\ \Phi_{23}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133259	1749	690	$\frac{1}{46}$	$\frac{107}{690}$	$\frac{31}{138}$	$\frac{15}{46}$	$\Phi_{690}^{3}\ \Phi_{345}^{3}\ \Phi_{230}^{3}\ \Phi_{115}^{3}\ \Phi_{46}^{2}\ \Phi_{30}^{3}\ \Phi_{23}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133260	1749	736	$\frac{1}{46}$	$\frac{31}{184}$	$\frac{153}{736}$	$\frac{15}{46}$	$\Phi_{736}^{3}\ \Phi_{368}^{3}\ \Phi_{46}^{2}\ \Phi_{32}^{3}\ \Phi_{23}^{2}\ \Phi_{16}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133261	1749	864	$\frac{7}{288}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{281}{864}$	$\Phi_{864}^{3}\ \Phi_{432}^{3}\ \Phi_{216}^{3}\ \Phi_{108}^{3}\ \Phi_{54}^{3}\ \Phi_{27}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133262	1749	624	$\frac{1}{26}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{25}{78}$	$\Phi_{624}^{4}\ \Phi_{312}^{4}\ \Phi_{156}^{4}\ \Phi_{78}^{5}\ \Phi_{48}^{4}\ \Phi_{39}^{5}\ \Phi_{24}^{4}\ \Phi_{16}^{2}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133263	1749	156	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{25}{78}$	$\Phi_{156}^{10}\ \Phi_{78}^{11}\ \Phi_{52}^{12}\ \Phi_{39}^{11}\ \Phi_{26}^{12}\ \Phi_{13}^{12}\ \Phi_{12}^{13}\ \Phi_{6}^{14}\ \Phi_{4}^{14}\ \Phi_{3}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
133264	1749	1560	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{25}{78}$	$\Phi_{1560}^{2}\ \Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{195}^{2}\ \Phi_{120}^{2}\ \Phi_{78}\ \Phi_{60}^{2}\ \Phi_{40}\ \Phi_{39}\ \Phi_{30}^{2}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
133265	1749	855	$\frac{13}{285}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{272}{855}$	$\Phi_{855}^{3}\ \Phi_{171}^{3}\ \Phi_{45}^{3}\ \Phi_{19}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
133266	1749	760	$\frac{1}{19}$	$\frac{13}{190}$	$\frac{177}{760}$	$\frac{6}{19}$	$\Phi_{760}^{3}\ \Phi_{380}^{3}\ \Phi_{152}^{3}\ \Phi_{76}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{19}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
133267	1749	57	$\frac{1}{19}$	$\frac{4}{57}$	$\frac{13}{57}$	$\frac{6}{19}$	$\Phi_{57}^{30}\ \Phi_{19}^{32}\ \Phi_{3}^{30}\ \Phi_{1}^{33}$
133268	1749	684	$\frac{1}{19}$	$\frac{13}{114}$	$\frac{101}{684}$	$\frac{6}{19}$	$\Phi_{684}^{3}\ \Phi_{342}^{3}\ \Phi_{228}^{3}\ \Phi_{171}^{3}\ \Phi_{76}^{3}\ \Phi_{36}^{3}\ \Phi_{19}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
133269	1749	665	$\frac{1}{19}$	$\frac{82}{665}$	$\frac{13}{95}$	$\frac{6}{19}$	$\Phi_{665}^{3}\ \Phi_{133}^{3}\ \Phi_{35}^{3}\ \Phi_{19}^{2}\ \Phi_{7}^{3}\ \Phi_{1}^{3}$
133270	1749	112	$\frac{3}{56}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{112}^{16}\ \Phi_{56}^{17}\ \Phi_{28}^{17}\ \Phi_{16}^{10}\ \Phi_{14}^{17}\ \Phi_{8}^{11}\ \Phi_{7}^{17}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
133271	1749	1040	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{5}{16}$	$\Phi_{1040}^{2}\ \Phi_{520}^{2}\ \Phi_{260}^{2}\ \Phi_{130}^{2}\ \Phi_{80}^{2}\ \Phi_{65}^{3}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133272	1749	192	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{11}{64}$	$\frac{5}{16}$	$\Phi_{192}^{12}\ \Phi_{96}^{12}\ \Phi_{64}^{9}\ \Phi_{48}^{4}\ \Phi_{32}^{9}\ \Phi_{24}^{4}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133273	1749	69	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{16}{69}$	$\frac{7}{23}$	$\Phi_{69}^{33}\ \Phi_{23}^{10}\ \Phi_{3}^{33}\ \Phi_{1}^{11}$
133274	1749	115	$\frac{9}{115}$	$\frac{2}{23}$	$\frac{16}{115}$	$\frac{7}{23}$	$\Phi_{115}^{15}\ \Phi_{23}^{16}\ \Phi_{5}^{15}\ \Phi_{1}^{17}$
133275	1749	76	$\frac{3}{38}$	$\frac{7}{76}$	$\frac{5}{38}$	$\frac{23}{76}$	$\Phi_{76}^{22}\ \Phi_{38}^{24}\ \Phi_{19}^{24}\ \Phi_{4}^{22}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
133276	1749	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{7}{60}$	$\frac{3}{10}$	$\Phi_{60}^{29}\ \Phi_{30}^{29}\ \Phi_{20}^{29}\ \Phi_{15}^{29}\ \Phi_{12}^{28}\ \Phi_{10}^{31}\ \Phi_{6}^{28}\ \Phi_{5}^{31}\ \Phi_{4}^{28}\ \Phi_{3}^{28}\ \Phi_{2}^{30}\ \Phi_{1}^{31}$
133277	1749	600	$\frac{17}{600}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{600}^{3}\ \Phi_{300}^{3}\ \Phi_{200}^{3}\ \Phi_{150}^{3}\ \Phi_{120}^{3}\ \Phi_{100}^{3}\ \Phi_{75}^{3}\ \Phi_{60}^{3}\ \Phi_{50}^{3}\ \Phi_{40}^{3}\ \Phi_{30}^{3}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133278	1749	805	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{139}{805}$	$\frac{222}{805}$	$\Phi_{805}^{2}\ \Phi_{161}^{3}\ \Phi_{115}^{2}\ \Phi_{35}^{2}\ \Phi_{23}^{2}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
133279	1749	540	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{540}^{4}\ \Phi_{270}^{2}\ \Phi_{180}^{4}\ \Phi_{135}^{2}\ \Phi_{108}^{6}\ \Phi_{90}^{2}\ \Phi_{60}^{3}\ \Phi_{54}^{3}\ \Phi_{45}^{2}\ \Phi_{36}^{6}\ \Phi_{30}\ \Phi_{27}^{3}\ \Phi_{20}^{4}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{5}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133280	1749	1224	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{1224}^{2}\ \Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{153}^{2}\ \Phi_{102}^{2}\ \Phi_{72}\ \Phi_{51}^{2}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
133281	1749	696	$\frac{3}{116}$	$\frac{113}{696}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{696}^{3}\ \Phi_{348}^{3}\ \Phi_{232}^{3}\ \Phi_{174}^{3}\ \Phi_{87}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133282	1749	600	$\frac{17}{600}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{600}^{3}\ \Phi_{300}^{3}\ \Phi_{200}^{3}\ \Phi_{150}^{3}\ \Phi_{120}^{3}\ \Phi_{100}^{3}\ \Phi_{75}^{3}\ \Phi_{60}^{3}\ \Phi_{50}^{3}\ \Phi_{40}^{3}\ \Phi_{30}^{3}\ \Phi_{25}^{3}\ \Phi_{24}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133283	1749	168	$\frac{3}{56}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{168}^{12}\ \Phi_{84}^{12}\ \Phi_{56}^{9}\ \Phi_{42}^{12}\ \Phi_{28}^{9}\ \Phi_{24}^{12}\ \Phi_{21}^{12}\ \Phi_{14}^{9}\ \Phi_{12}^{3}\ \Phi_{8}^{9}\ \Phi_{7}^{9}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133284	1749	768	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{185}{768}$	$\frac{1}{4}$	$\Phi_{768}^{3}\ \Phi_{384}^{3}\ \Phi_{256}^{3}\ \Phi_{128}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133285	1749	624	$\frac{3}{52}$	$\frac{1}{12}$	$\frac{49}{208}$	$\frac{1}{4}$	$\Phi_{624}^{4}\ \Phi_{312}^{4}\ \Phi_{208}^{3}\ \Phi_{104}^{3}\ \Phi_{48}^{4}\ \Phi_{24}^{4}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133286	1749	608	$\frac{25}{608}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{608}^{3}\ \Phi_{304}^{3}\ \Phi_{152}^{3}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{19}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133287	1749	720	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{137}{720}$	$\frac{1}{4}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{80}^{3}\ \Phi_{60}^{3}\ \Phi_{45}^{3}\ \Phi_{40}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133288	1749	112	$\frac{3}{56}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{112}^{15}\ \Phi_{56}^{16}\ \Phi_{28}^{16}\ \Phi_{16}^{16}\ \Phi_{14}^{16}\ \Phi_{8}^{17}\ \Phi_{7}^{16}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
133289	1749	780	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{12}{65}$	$\frac{1}{4}$	$\Phi_{780}^{3}\ \Phi_{390}^{3}\ \Phi_{260}^{2}\ \Phi_{195}^{3}\ \Phi_{130}^{2}\ \Phi_{65}^{3}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133290	1749	280	$\frac{3}{56}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{280}^{8}\ \Phi_{140}^{8}\ \Phi_{70}^{8}\ \Phi_{56}\ \Phi_{40}^{5}\ \Phi_{35}^{8}\ \Phi_{28}\ \Phi_{20}^{5}\ \Phi_{14}\ \Phi_{10}^{5}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}^{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
133291	1749	624	$\frac{41}{624}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{4}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
133292	1749	672	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{672}$	$\frac{1}{4}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{8}^3\ \Phi_{7}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
133293	1749	640	$\frac{57}{640}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{128}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_{8}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
133294	1749	648	$\frac{7}{72}$	$\frac{65}{648}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{648}^3\ \Phi_{324}^3\ \Phi_{216}^3\ \Phi_{162}^3\ \Phi_{108}^3\ \Phi_{81}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
133295	1749	600	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{200}$	$\Phi_{600}^4\ \Phi_{300}^2\ \Phi_{200}^3\ \Phi_{150}^2\ \Phi_{120}^4\ \Phi_{100}\ \Phi_{75}^2\ \Phi_{60}^4\ \Phi_{50}^2\ \Phi_{40}^3\ \Phi_{30}^4\ \Phi_{25}^2\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
133296	1749	184	$\frac{7}{92}$	$\frac{25}{184}$	$\frac{15}{92}$	$\frac{17}{92}$	$\Phi_{184}^{11}\ \Phi_{92}^8\ \Phi_{46}^8\ \Phi_{23}^8\ \Phi_{8}^{11}\ \Phi_{4}^8\ \Phi_{2}^8\ \Phi_{1}^9$
133297	1749	520	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{12}{65}$	$\Phi_{520}^3\ \Phi_{260}^3\ \Phi_{130}^3\ \Phi_{104}^4\ \Phi_{65}^4\ \Phi_{52}^4\ \Phi_{40}^4\ \Phi_{26}^4\ \Phi_{20}^4\ \Phi_{13}^4\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{5}^5\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^5$
133298	1749	190	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{31}{190}$	$\frac{7}{38}$	$\Phi_{190}^{11}\ \Phi_{95}^{11}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{10}^{11}\ \Phi_{5}^{11}\ \Phi_{2}^2\ \Phi_{1}^3$
133299	1750	1746	$\frac{2}{873}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{871}{1746}$	$\Phi_{1746}^2\ \Phi_{582}^2\ \Phi_{194}^2\ \Phi_{18}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
133300	1750	2792	$\frac{1}{349}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{174}{349}$	$\Phi_{2792}\ \Phi_{349}\ \Phi_{8}^2\ \Phi_{1}^2$
133301	1750	3504	$\frac{1}{292}$	$\frac{293}{1168}$	$\frac{1}{3}$	$\frac{291}{584}$	$\Phi_{3504}\ \Phi_{876}\ \Phi_{438}\ \Phi_{219}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
133302	1750	5232	$\frac{3}{872}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{869}{1744}$	$\Phi_{5232}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
133303	1750	996	$\frac{1}{249}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{124}{249}$	$\Phi_{996}^3\ \Phi_{332}^3\ \Phi_{249}\ \Phi_{83}\ \Phi_{12}^4\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{1}^2$
133304	1750	747	$\frac{1}{249}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{124}{249}$	$\Phi_{747}^3\ \Phi_{249}\ \Phi_{83}\ \Phi_{9}^4\ \Phi_{3}\ \Phi_{1}^2$
133305	1750	1044	$\frac{1}{174}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{173}{348}$	$\Phi_{1044}^3\ \Phi_{348}^4\ \Phi_{116}^4\ \Phi_{36}^3\ \Phi_{12}^4\ \Phi_{9}\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{1}^2$
133306	1750	348	$\frac{1}{174}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{173}{348}$	$\Phi_{348}^{10}\ \Phi_{116}^{10}\ \Phi_{12}^{10}\ \Phi_{6}^2\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
133307	1750	318	$\frac{1}{159}$	$\frac{16}{159}$	$\frac{143}{318}$	$\frac{79}{159}$	$\Phi_{318}^{10}\ \Phi_{159}\ \Phi_{106}^{10}\ \Phi_{53}\ \Phi_{6}^{10}\ \Phi_{3}\ \Phi_{2}^{10}\ \Phi_{1}^2$
133308	1750	1738	$\frac{6}{869}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{863}{1738}$	$\Phi_{1738}^2\ \Phi_{158}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{2}^2\ \Phi_{1}^2$
133309	1750	3224	$\frac{1}{124}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{123}{248}$	$\Phi_{3224}\ \Phi_{248}^2\ \Phi_{104}\ \Phi_{13}\ \Phi_{8}^2\ \Phi_{1}^2$
133310	1750	744	$\frac{1}{124}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{123}{248}$	$\Phi_{744}^3\ \Phi_{372}^4\ \Phi_{186}^4\ \Phi_{93}^4\ \Phi_{24}^4\ \Phi_{12}^5\ \Phi_{6}^5\ \Phi_{3}^4$
133311	1750	234	$\frac{1}{117}$	$\frac{1}{6}$	$\frac{59}{234}$	$\frac{58}{117}$	$\Phi_{234}^7\ \Phi_{117}^8\ \Phi_{78}^7\ \Phi_{39}^8\ \Phi_{26}^7\ \Phi_{18}^7\ \Phi_{13}^8\ \Phi_{9}^8\ \Phi_{6}^6\ \Phi_{3}^7\ \Phi_{2}^6\ \Phi_{1}^8$
133312	1750	1728	$\frac{11}{864}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{853}{1728}$	$\Phi_{1728}^2\ \Phi_{576}^2\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
133313	1750	1104	$\frac{1}{69}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{34}{69}$	$\Phi_{1104}^3\ \Phi_{368}^3\ \Phi_{69}\ \Phi_{48}^4\ \Phi_{23}\ \Phi_{16}^4\ \Phi_{3}\ \Phi_{1}^2$
133314	1750	621	$\frac{1}{69}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{34}{69}$	$\Phi_{621}^3\ \Phi_{207}^3\ \Phi_{69}\ \Phi_{27}^4\ \Phi_{23}\ \Phi_{9}^4\ \Phi_{3}\ \Phi_{1}^2$
133315	1750	828	$\frac{1}{69}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{34}{69}$	$\Phi_{828}^3\ \Phi_{414}^3\ \Phi_{207}^3\ \Phi_{69}\ \Phi_{36}^4\ \Phi_{23}\ \Phi_{18}^4\ \Phi_{9}^4\ \Phi_{3}\ \Phi_{1}^2$
133316	1750	1932	$\frac{1}{69}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{34}{69}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{161}\ \Phi_{84}\ \Phi_{69}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{23}\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{3}\ \Phi_{1}^2$
133317	1750	2208	$\frac{1}{69}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{34}{69}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{368}\ \Phi_{96}\ \Phi_{69}\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_{3}\ \Phi_{1}^2$
133318	1750	138	$\frac{1}{69}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{34}{69}$	$\Phi_{138}^{12}\ \Phi_{69}^{13}\ \Phi_{46}^{12}\ \Phi_{23}^{13}\ \Phi_{6}^{16}\ \Phi_{3}^{17}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
133319	1750	1230	$\frac{2}{123}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{121}{246}$	$\Phi_{1230}^3\ \Phi_{410}^3\ \Phi_{246}^2\ \Phi_{82}^2\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
133320	1750	3784	$\frac{3}{172}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{169}{344}$	$\Phi_{3784}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
133321	1750	1696	$\frac{1}{53}$	$\frac{27}{848}$	$\frac{821}{1696}$	$\frac{26}{53}$	$\Phi_{1696}^2\ \Phi_{53}\ \Phi_{32}^2\ \Phi_{1}^2$
133322	1750	1272	$\frac{1}{53}$	$\frac{27}{424}$	$\frac{397}{1272}$	$\frac{26}{53}$	$\Phi_{1272}^2\ \Phi_{636}^2\ \Phi_{318}^2\ \Phi_{159}^2\ \Phi_{53}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
133323	1750	954	$\frac{1}{53}$	$\frac{79}{954}$	$\frac{27}{106}$	$\frac{26}{53}$	$\Phi_{954}^2\ \Phi_{477}^2\ \Phi_{318}^2\ \Phi_{159}^2\ \Phi_{53}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
133324	1750	212	$\frac{1}{53}$	$\frac{27}{212}$	$\frac{37}{212}$	$\frac{26}{53}$	$\Phi_{212}^8\ \Phi_{106}^8\ \Phi_{53}^9\ \Phi_{4}^8\ \Phi_{2}^8\ \Phi_{1}^{10}$
133325	1750	1716	$\frac{17}{858}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{841}{1716}$	$\Phi_{1716}^2\ \Phi_{572}^2\ \Phi_{156}^2\ \Phi_{132}^2\ \Phi_{52}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
133326	1750	1716	$\frac{17}{858}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{841}{1716}$	$\Phi_{1716}^2\ \Phi_{572}^2\ \Phi_{156}^2\ \Phi_{132}^2\ \Phi_{52}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
133327	1750	3332	$\frac{1}{49}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{24}{49}$	$\Phi_{3332}\ \Phi_{476}\ \Phi_{196}\ \Phi_{68}^2\ \Phi_{49}\ \Phi_{28}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
133328	1750	2499	$\frac{1}{49}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{24}{49}$	$\Phi_{2499}\ \Phi_{357}\ \Phi_{147}\ \Phi_{51}^2\ \Phi_{49}\ \Phi_{21}\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
133329	1750	833	$\frac{1}{49}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{24}{49}$	$\Phi_{833}^2\ \Phi_{119}^2\ \Phi_{49}^3\ \Phi_{17}^4\ \Phi_7^3\ \Phi_1^6$
133330	1750	1176	$\frac{1}{49}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{24}{49}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{168}^2\ \Phi_{147}\ \Phi_{84}^2\ \Phi_{56}\ \Phi_{49}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{12}^4\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
133331	1750	342	$\frac{4}{171}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{167}{342}$	$\Phi_{342}^4\ \Phi_{171}^6\ \Phi_{114}^4\ \Phi_{57}^6\ \Phi_{38}^4\ \Phi_{19}^6\ \Phi_{18}^7\ \Phi_9^8\ \Phi_6^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
133332	1750	1749	$\frac{41}{1749}$	$\frac{179}{1749}$	$\frac{314}{1749}$	$\frac{854}{1749}$	$\Phi_{1749}\ \Phi_{583}\ \Phi_{159}\ \Phi_{53}\ \Phi_{33}\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
133333	1750	840	$\frac{1}{42}$	$\frac{1}{15}$	$\frac{43}{168}$	$\frac{41}{84}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{210}^3\ \Phi_{168}^2\ \Phi_{120}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
133334	1750	78	$\frac{1}{39}$	$\frac{4}{39}$	$\frac{1}{6}$	$\frac{19}{39}$	$\Phi_{78}^{27}\ \Phi_{39}^{18}\ \Phi_{26}^{27}\ \Phi_{13}^{18}\ \Phi_6^{26}\ \Phi_3^{17}\ \Phi_2^{26}\ \Phi_1^{18}$
133335	1750	341	$\frac{9}{341}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{166}{341}$	$\Phi_{341}^5\ \Phi_{31}^5\ \Phi_{11}^9\ \Phi_1^{10}$
133336	1750	1056	$\frac{5}{176}$	$\frac{1}{11}$	$\frac{181}{1056}$	$\frac{171}{352}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{96}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
133337	1750	2652	$\frac{1}{34}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{2652}^2\ \Phi_{204}\ \Phi_{156}^2\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
133338	1750	3332	$\frac{1}{34}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{33}{68}$	$\Phi_{3332}\ \Phi_{476}\ \Phi_{196}\ \Phi_{68}^2\ \Phi_{49}\ \Phi_{28}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
133339	1750	2244	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{33}{68}$	$\Phi_{2244}^2\ \Phi_{748}\ \Phi_{132}^2\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
133340	1750	476	$\frac{1}{34}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{33}{68}$	$\Phi_{476}^3\ \Phi_{238}^4\ \Phi_{119}^4\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{28}^5\ \Phi_{17}^4\ \Phi_{14}^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
133341	1750	1287	$\frac{1}{33}$	$\frac{17}{429}$	$\frac{412}{1287}$	$\frac{16}{33}$	$\Phi_{1287}^2\ \Phi_{117}^2\ \Phi_{99}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
133342	1750	132	$\frac{1}{33}$	$\frac{7}{132}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{132}^{14}\ \Phi_{66}^{12}\ \Phi_{44}^{14}\ \Phi_{33}^{13}\ \Phi_{22}^{12}\ \Phi_{12}^{14}\ \Phi_{11}^{13}\ \Phi_6^{12}\ \Phi_4^{14}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
133343	1750	583	$\frac{19}{583}$	$\frac{43}{583}$	$\frac{108}{583}$	$\frac{282}{583}$	$\Phi_{583}^3\ \Phi_{53}^3\ \Phi_{11}^3\ \Phi_1^4$
133344	1750	1749	$\frac{61}{1749}$	$\frac{181}{1749}$	$\frac{224}{1749}$	$\frac{844}{1749}$	$\Phi_{1749}\ \Phi_{583}\ \Phi_{159}\ \Phi_{53}\ \Phi_{33}\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
133345	1750	1014	$\frac{6}{169}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{163}{338}$	$\Phi_{1014}^2\ \Phi_{507}^2\ \Phi_{169}^2\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_{26}\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
133346	1750	2008	$\frac{9}{251}$	$\frac{26}{251}$	$\frac{1}{8}$	$\frac{121}{251}$	$\Phi_{2008}\ \Phi_{1004}\ \Phi_{502}$
133347	1750	54	$\frac{1}{27}$	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{13}{27}$	$\Phi_{54}^{39}\ \Phi_{27}^{26}\ \Phi_{18}^{39}\ \Phi_9^{26}\ \Phi_6^{38}\ \Phi_3^{25}\ \Phi_2^{38}\ \Phi_1^{26}$
133348	1750	1683	$\frac{1}{33}$	$\frac{67}{1683}$	$\frac{32}{99}$	$\frac{808}{1683}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}\ \Phi_{99}^2\ \Phi_{51}\ \Phi_{33}\ \Phi_{17}\ \Phi_{11}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
133349	1750	144	$\frac{1}{36}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{144}^{24}\ \Phi_{48}^{22}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{16}^{22}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
133350	1750	1104	$\frac{1}{24}$	$\frac{1}{23}$	$\frac{11}{46}$	$\frac{23}{48}$	$\Phi_{1104}^3\ \Phi_{368}^3\ \Phi_{48}^4\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{16}^4\ \Phi_2^2\ \Phi_1^2$
133351	1750	1104	$\frac{1}{24}$	$\frac{4}{69}$	$\frac{13}{69}$	$\frac{23}{48}$	$\Phi_{1104}^3\ \Phi_{368}^3\ \Phi_{69}\ \Phi_{48}^4\ \Phi_{23}\ \Phi_{16}^4\ \Phi_3\ \Phi_1^2$
133352	1750	240	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{23}{48}$	$\Phi_{240}^{15}\ \Phi_{80}^{15}\ \Phi_{48}^{10}\ \Phi_{30}^3\ \Phi_{16}^{10}\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
133353	1750	1104	$\frac{1}{24}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{23}{48}$	$\Phi_{1104}^3\ \Phi_{368}^3\ \Phi_{48}^4\ \Phi_{23}^3\ \Phi_{16}^4\ \Phi_1^4$
133354	1750	528	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{23}{48}$	$\Phi_{528}^7\ \Phi_{176}^7\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
133355	1750	1672	$\frac{39}{836}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{797}{1672}$	$\Phi_{1672}^2\ \Phi_{152}^2\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
133356	1750	3570	$\frac{6}{119}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{113}{238}$	$\Phi_{3570}\ \Phi_{1190}\ \Phi_{714}\ \Phi_{510}\ \Phi_{210}\ \Phi_{170}\ \Phi_{105}\ \Phi_{102}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{10}\ \Phi_6$
133357	1750	1188	$\frac{1}{33}$	$\frac{16}{297}$	$\frac{313}{1188}$	$\frac{281}{594}$	$\Phi_{1188}^2\ \Phi_{396}^2\ \Phi_{297}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{99}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
133358	1750	720	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{19}{144}$	$\frac{17}{36}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{144}^2\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
133359	1750	612	$\frac{1}{36}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{204}^3\ \Phi_{153}^3\ \Phi_{102}^3\ \Phi_{68}^3\ \Phi_{51}^3\ \Phi_{36}^2\ \Phi_{34}\ \Phi_{18}^2\ \Phi_{17}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
133360	1750	1122	$\frac{1}{51}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{1122}^3\ \Phi_{374}^3\ \Phi_{102}^3\ \Phi_{66}^2\ \Phi_{51}^2\ \Phi_{34}^3\ \Phi_{22}^2\ \Phi_{17}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
133361	1750	66	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{31}{66}$	$\Phi_{66}^{50}\ \Phi_{22}^{50}\ \Phi_{11}^9\ \Phi_6^{50}\ \Phi_2^{50}\ \Phi_1^{10}$
133362	1750	2112	$\frac{1}{16}$	$\frac{17}{192}$	$\frac{1}{11}$	$\frac{15}{32}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
133363	1750	1170	$\frac{1}{15}$	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{109}{234}$	$\Phi_{1170}^3\,\Phi_{390}^3\,\Phi_{234}^2\,\Phi_{130}^3\,\Phi_{90}^3\,\Phi_{78}^2\,\Phi_{45}^3\,\Phi_{30}^3\,\Phi_{26}^2\,\Phi_{18}^2\,\Phi_{15}^2\,\Phi_{10}^3\,\Phi_9^2\,\Phi_6^2\,\Phi_5^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
133364	1750	420	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{13}{28}$	$\Phi_{420}^4\,\Phi_{210}^5\,\Phi_{140}^4\,\Phi_{105}^5\,\Phi_{84}^4\,\Phi_{70}^5\,\Phi_{60}^4\,\Phi_{42}^5\,\Phi_{35}^5\,\Phi_{30}^5\,\Phi_{21}^5\,\Phi_{20}^4\,\Phi_{15}^4\,\Phi_{12}^4\,\Phi_{10}^5\,\Phi_6^5\,\Phi_5^4\,\Phi_3^4$
133365	1750	2418	$\frac{1}{62}$	$\frac{1}{13}$	$\frac{61}{186}$	$\frac{6}{13}$	$\Phi_{2418}\,\Phi_{1209}\,\Phi_{186}^2\,\Phi_{93}^2\,\Phi_{78}\,\Phi_{39}\,\Phi_{13}\,\Phi_6^2\,\Phi_3^2\,\Phi_1^2$
133366	1750	1664	$\frac{3}{128}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{1664}\,\Phi_{832}\,\Phi_{416}\,\Phi_{208}\,\Phi_{128}^2\,\Phi_{104}\,\Phi_{64}^2\,\Phi_{32}^2\,\Phi_{16}^2\,\Phi_{13}\,\Phi_8^2\,\Phi_1^2$
133367	1750	403	$\frac{1}{31}$	$\frac{1}{13}$	$\frac{6}{31}$	$\frac{6}{13}$	$\Phi_{403}^4\,\Phi_{31}^8\,\Phi_{13}^5\,\Phi_1^{10}$
133368	1750	78	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{78}^{27}\,\Phi_{39}^{27}\,\Phi_{26}^{13}\,\Phi_{13}^{14}\,\Phi_6^{26}\,\Phi_3^{26}\,\Phi_2^{12}\,\Phi_1^{14}$
133369	1750	324	$\frac{1}{27}$	$\frac{13}{162}$	$\frac{1}{6}$	$\frac{149}{324}$	$\Phi_{324}^{10}\,\Phi_{108}^{10}\,\Phi_{54}^3\,\Phi_{36}^{10}\,\Phi_{27}^2\,\Phi_{18}^3\,\Phi_{12}^{10}\,\Phi_9^2\,\Phi_6^2\,\Phi_4^{10}\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
133370	1750	888	$\frac{13}{888}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{888}^2\,\Phi_{444}^2\,\Phi_{296}^2\,\Phi_{222}^2\,\Phi_{148}^2\,\Phi_{111}^2\,\Phi_{74}^2\,\Phi_{37}^2\,\Phi_{12}^2\,\Phi_6^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
133371	1750	816	$\frac{1}{51}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{816}^3\,\Phi_{272}^3\,\Phi_{204}^3\,\Phi_{102}^3\,\Phi_{68}^3\,\Phi_{51}^2\,\Phi_{48}^2\,\Phi_{34}^3\,\Phi_{17}^2\,\Phi_{16}^2\,\Phi_{12}^2\,\Phi_6^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
133372	1750	4818	$\frac{1}{73}$	$\frac{72}{803}$	$\frac{1}{3}$	$\frac{731}{1606}$	$\Phi_{4818}\,\Phi_{438}\,\Phi_{219}\,\Phi_{66}\,\Phi_6$
133373	1750	3264	$\frac{1}{51}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{3264}\,\Phi_{1088}\,\Phi_{204}\,\Phi_{192}\,\Phi_{102}\,\Phi_{68}\,\Phi_{34}\,\Phi_{12}\,\Phi_6$
133374	1750	704	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{3}{32}$	$\frac{29}{64}$	$\Phi_{704}^5\,\Phi_{176}\,\Phi_{88}\,\Phi_{44}\,\Phi_{22}$
133375	1750	318	$\frac{3}{53}$	$\frac{5}{53}$	$\frac{16}{159}$	$\frac{143}{318}$	$\Phi_{318}^{10}\,\Phi_{106}^{10}\,\Phi_{53}^3\,\Phi_6^{10}\,\Phi_2^{10}\,\Phi_1^4$
133376	1750	1584	$\frac{1}{33}$	$\frac{83}{792}$	$\frac{16}{99}$	$\frac{709}{1584}$	$\Phi_{1584}^2\,\Phi_{528}^2\,\Phi_{176}^2\,\Phi_{144}^2\,\Phi_{99}^2\,\Phi_{48}^2\,\Phi_{33}\,\Phi_{16}^2\,\Phi_{11}\,\Phi_9^2\,\Phi_3\,\Phi_1^2$
133377	1750	1584	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{83}{792}$	$\frac{709}{1584}$	$\Phi_{1584}^2\,\Phi_{528}^2\,\Phi_{176}^2\,\Phi_{144}^2\,\Phi_{88}^2\,\Phi_{48}^2\,\Phi_{44}^2\,\Phi_{22}^2\,\Phi_{16}^2\,\Phi_{11}\,\Phi_8^2\,\Phi_4^2\,\Phi_2^2\,\Phi_1^2$
133378	1750	531	$\frac{2}{177}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{531}^3\,\Phi_{177}^4\,\Phi_{59}^4\,\Phi_9\,\Phi_3\,\Phi_1^2$
133379	1750	261	$\frac{1}{87}$	$\frac{1}{9}$	$\frac{86}{261}$	$\frac{4}{9}$	$\Phi_{261}^7\,\Phi_{87}^6\,\Phi_{29}^6\,\Phi_9^8\,\Phi_3^7\,\Phi_1^8$
133380	1750	2088	$\frac{1}{58}$	$\frac{1}{9}$	$\frac{57}{232}$	$\frac{4}{9}$	$\Phi_{2088}\,\Phi_{1044}\,\Phi_{696}\,\Phi_{348}\,\Phi_{232}^2\,\Phi_{116}^2\,\Phi_{72}\,\Phi_{36}\,\Phi_{24}\,\Phi_{12}\,\Phi_9\,\Phi_8^2\,\Phi_4^2\,\Phi_3\,\Phi_1^2$
133381	1750	261	$\frac{2}{87}$	$\frac{1}{9}$	$\frac{17}{87}$	$\frac{4}{9}$	$\Phi_{261}^6\,\Phi_{87}^8\,\Phi_{29}^8\,\Phi_9^7\,\Phi_3^9\,\Phi_1^{10}$
133382	1750	36	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{36}^{50}\,\Phi_{18}^{47}\,\Phi_{12}^{50}\,\Phi_9^{48}\,\Phi_6^{46}\,\Phi_4^{50}\,\Phi_3^{47}\,\Phi_2^{46}\,\Phi_1^{48}$
133383	1750	261	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{4}{29}$	$\frac{4}{9}$	$\Phi_{261}^6\,\Phi_{87}^6\,\Phi_{29}^{12}\,\Phi_9^7\,\Phi_3^7\,\Phi_1^{14}$
133384	1750	936	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{936}^2\,\Phi_{468}^2\,\Phi_{312}^2\,\Phi_{234}\,\Phi_{156}^2\,\Phi_{117}\,\Phi_{104}^4\,\Phi_{78}\,\Phi_{72}\,\Phi_{52}^4\,\Phi_{39}\,\Phi_{36}\,\Phi_{26}^2\,\Phi_{24}\,\Phi_{13}^2\,\Phi_{12}\,\Phi_9\,\Phi_8^2\,\Phi_4^2\,\Phi_3\,\Phi_1^2$
133385	1750	583	$\frac{13}{583}$	$\frac{67}{583}$	$\frac{114}{583}$	$\frac{258}{583}$	$\Phi_{583}^3\,\Phi_{53}^3\,\Phi_{11}^3\,\Phi_1^4$
133386	1750	3360	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{99}{224}$	$\Phi_{3360}\,\Phi_{1120}\,\Phi_{672}\,\Phi_{480}\,\Phi_{210}\,\Phi_{160}\,\Phi_{105}\,\Phi_{96}\,\Phi_{70}\,\Phi_{42}\,\Phi_{35}\,\Phi_{30}\,\Phi_{21}\,\Phi_{10}\,\Phi_6$
133387	1750	312	$\frac{1}{39}$	$\frac{19}{156}$	$\frac{1}{6}$	$\frac{137}{312}$	$\Phi_{312}^{10}\,\Phi_{104}^{10}\,\Phi_{78}^3\,\Phi_{39}^2\,\Phi_{26}^3\,\Phi_{24}^{10}\,\Phi_{13}^2\,\Phi_8^{10}\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
133388	1750	1846	$\frac{1}{26}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{31}{71}$	$\Phi_{1846}\,\Phi_{923}\,\Phi_{142}$
133389	1750	44	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{19}{44}$	$\Phi_{44}^{70}\,\Phi_{22}^{10}\,\Phi_{11}^9\,\Phi_4^{70}\,\Phi_2^{10}\,\Phi_1^{10}$
133390	1750	1749	$\frac{62}{1749}$	$\frac{199}{1749}$	$\frac{241}{1749}$	$\frac{754}{1749}$	$\Phi_{1749}\,\Phi_{583}\,\Phi_{159}\,\Phi_{53}\,\Phi_{33}\,\Phi_{11}\,\Phi_3\,\Phi_1^2$
133391	1750	702	$\frac{8}{351}$	$\frac{49}{351}$	$\frac{1}{6}$	$\frac{151}{351}$	$\Phi_{702}^3\,\Phi_{351}^2\,\Phi_{234}^3\,\Phi_{117}^2\,\Phi_{78}^3\,\Phi_{54}^3\,\Phi_{39}^2\,\Phi_{27}^2\,\Phi_{26}^3\,\Phi_{18}^3\,\Phi_{13}^2\,\Phi_9^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
133392	1750	219	$\frac{2}{219}$	$\frac{31}{219}$	$\frac{1}{3}$	$\frac{94}{219}$	$\Phi_{219}^8\,\Phi_{73}^8\,\Phi_3^7\,\Phi_1^8$
133393	1750	1080	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{17}{108}$	$\frac{91}{216}$	$\Phi_{1080}^3\,\Phi_{360}^3\,\Phi_{216}^2\,\Phi_{120}^3\,\Phi_{90}^3\,\Phi_{72}^2\,\Phi_{45}^3\,\Phi_{40}^3\,\Phi_{30}^3\,\Phi_{24}^2\,\Phi_{18}^2\,\Phi_{15}^2\,\Phi_{10}^3\,\Phi_9^2\,\Phi_8^2\,\Phi_6^2\,\Phi_5^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
133394	1750	1749	$\frac{29}{1749}$	$\frac{281}{1749}$	$\frac{344}{1749}$	$\frac{734}{1749}$	$\Phi_{1749}\,\Phi_{583}\,\Phi_{159}\,\Phi_{53}\,\Phi_{33}\,\Phi_{11}\,\Phi_3\,\Phi_1^2$
133395	1750	198	$\frac{1}{33}$	$\frac{23}{198}$	$\frac{16}{99}$	$\frac{83}{198}$	$\Phi_{198}^8\,\Phi_{99}^{10}\,\Phi_{66}^8\,\Phi_{33}^9\,\Phi_{22}^8\,\Phi_{18}^8\,\Phi_{11}^9\,\Phi_9^{10}\,\Phi_6^8\,\Phi_3^9\,\Phi_2^8\,\Phi_1^{10}$
133396	1750	252	$\frac{1}{126}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{252}^{12}\,\Phi_{126}^2\,\Phi_{84}^{12}\,\Phi_{63}^2\,\Phi_{42}^2\,\Phi_{36}^{12}\,\Phi_{28}^{12}\,\Phi_{21}^2\,\Phi_{18}^2\,\Phi_{14}^2\,\Phi_{12}^{10}\,\Phi_9^2\,\Phi_7^2\,\Phi_6^2\,\Phi_4^{10}\,\Phi_3\,\Phi_2^2\,\Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
133397	1750	996	$\frac{1}{83}$	$\frac{1}{6}$	$\frac{41}{166}$	$\frac{5}{12}$	$\Phi_{996}^{3}\ \Phi_{332}^{3}\ \Phi_{166}^{2}\ \Phi_{83}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133398	1750	996	$\frac{4}{249}$	$\frac{1}{6}$	$\frac{49}{249}$	$\frac{5}{12}$	$\Phi_{996}^{3}\ \Phi_{332}^{3}\ \Phi_{249}\ \Phi_{83}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
133399	1750	204	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{204}^{15}\ \Phi_{102}^{3}\ \Phi_{68}^{15}\ \Phi_{51}^{2}\ \Phi_{34}^{3}\ \Phi_{17}^{2}\ \Phi_{12}^{10}\ \Phi_{6}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133400	1750	996	$\frac{3}{83}$	$\frac{8}{83}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{996}^{3}\ \Phi_{332}^{3}\ \Phi_{83}^{3}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
133401	1750	1716	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1716}^{2}\ \Phi_{572}^{2}\ \Phi_{286}\ \Phi_{143}\ \Phi_{132}\ \Phi_{44}\ \Phi_{22}$
133402	1750	660	$\frac{7}{132}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{220}^{3}\ \Phi_{165}^{3}\ \Phi_{132}^{2}\ \Phi_{110}^{3}\ \Phi_{66}^{2}\ \Phi_{55}^{3}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{30}^{3}\ \Phi_{22}^{2}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133403	1750	1749	$\frac{41}{1749}$	$\frac{244}{1749}$	$\frac{301}{1749}$	$\frac{724}{1749}$	$\Phi_{1749}\ \Phi_{583}\ \Phi_{159}\ \Phi_{53}\ \Phi_{33}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}^{2}$
133404	1750	612	$\frac{1}{36}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{612}^{3}\ \Phi_{306}^{3}\ \Phi_{204}^{3}\ \Phi_{153}^{3}\ \Phi_{102}^{3}\ \Phi_{68}^{3}\ \Phi_{51}^{3}\ \Phi_{36}^{2}\ \Phi_{34}^{3}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
133405	1750	297	$\frac{1}{33}$	$\frac{32}{297}$	$\frac{53}{297}$	$\frac{122}{297}$	$\Phi_{297}^{6}\ \Phi_{99}^{6}\ \Phi_{33}^{5}\ \Phi_{27}^{6}\ \Phi_{11}^{5}\ \Phi_{9}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
133406	1750	1846	$\frac{1}{26}$	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{29}{71}$	$\Phi_{1846}\ \Phi_{923}\ \Phi_{142}$
133407	1750	210	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{4}{21}$	$\frac{17}{42}$	$\Phi_{210}^{15}\ \Phi_{105}^{3}\ \Phi_{70}^{15}\ \Phi_{42}^{10}\ \Phi_{35}^{3}\ \Phi_{30}^{15}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{10}\ \Phi_{10}^{15}\ \Phi_{7}^{2}\ \Phi_{6}^{10}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{10}\ \Phi_{1}^{2}$
133408	1750	1749	$\frac{64}{1749}$	$\frac{149}{1749}$	$\frac{337}{1749}$	$\frac{706}{1749}$	$\Phi_{1749}\ \Phi_{583}\ \Phi_{159}\ \Phi_{53}\ \Phi_{33}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}^{2}$
133409	1750	159	$\frac{4}{159}$	$\frac{19}{159}$	$\frac{31}{159}$	$\frac{64}{159}$	$\Phi_{159}^{11}\ \Phi_{53}^{11}\ \Phi_{3}^{11}\ \Phi_{1}^{12}$
133410	1750	2008	$\frac{6}{251}$	$\frac{1}{8}$	$\frac{49}{251}$	$\frac{101}{251}$	$\Phi_{2008}\ \Phi_{1004}\ \Phi_{502}$
133411	1750	234	$\frac{2}{117}$	$\frac{1}{6}$	$\frac{23}{117}$	$\frac{47}{117}$	$\Phi_{234}^{9}\ \Phi_{117}^{6}\ \Phi_{78}^{9}\ \Phi_{39}^{6}\ \Phi_{26}^{9}\ \Phi_{18}^{9}\ \Phi_{13}^{6}\ \Phi_{9}^{6}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
133412	1750	876	$\frac{1}{146}$	$\frac{29}{146}$	$\frac{1}{3}$	$\frac{117}{292}$	$\Phi_{876}^{5}\ \Phi_{438}\ \Phi_{219}\ \Phi_{12}^{5}\ \Phi_{6}$
133413	1750	630	$\frac{1}{126}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}^{3}\ \Phi_{126}^{2}\ \Phi_{105}^{3}\ \Phi_{90}^{3}\ \Phi_{70}^{3}\ \Phi_{63}^{2}\ \Phi_{45}^{3}\ \Phi_{42}^{2}\ \Phi_{35}^{3}\ \Phi_{30}^{3}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{14}^{2}\ \Phi_{10}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
133414	1750	1431	$\frac{1}{159}$	$\frac{319}{1431}$	$\frac{158}{477}$	$\frac{556}{1431}$	$\Phi_{1431}\ \Phi_{477}^{2}\ \Phi_{159}\ \Phi_{53}\ \Phi_{27}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
133415	1750	1408	$\frac{5}{176}$	$\frac{1}{11}$	$\frac{171}{704}$	$\frac{533}{1408}$	$\Phi_{1408}^{2}\ \Phi_{176}^{2}\ \Phi_{128}^{2}\ \Phi_{88}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133416	1750	1272	$\frac{1}{159}$	$\frac{79}{318}$	$\frac{397}{1272}$	$\frac{239}{636}$	$\Phi_{1272}^{2}\ \Phi_{424}^{2}\ \Phi_{318}^{2}\ \Phi_{159}\ \Phi_{106}^{2}\ \Phi_{53}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133417	1750	528	$\frac{1}{176}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{528}^{5}\ \Phi_{264}^{5}\ \Phi_{132}^{5}\ \Phi_{66}^{5}\ \Phi_{48}^{5}\ \Phi_{33}^{5}\ \Phi_{24}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
133418	1750	2792	$\frac{4}{349}$	$\frac{69}{349}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2792}\ \Phi_{349}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
133419	1750	1704	$\frac{1}{71}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1704}^{2}\ \Phi_{568}\ \Phi_{426}\ \Phi_{213}\ \Phi_{142}$
133420	1750	2792	$\frac{6}{349}$	$\frac{49}{349}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2792}\ \Phi_{349}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
133421	1750	408	$\frac{1}{51}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^{4}\ \Phi_{204}^{5}\ \Phi_{136}^{4}\ \Phi_{102}^{5}\ \Phi_{68}^{5}\ \Phi_{51}^{4}\ \Phi_{34}^{5}\ \Phi_{24}^{4}\ \Phi_{17}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
133422	1750	2792	$\frac{9}{349}$	$\frac{34}{349}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2792}\ \Phi_{349}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
133423	1750	792	$\frac{1}{36}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}^{4}\ \Phi_{396}\ \Phi_{264}^{4}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}^{3}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
133424	1750	2792	$\frac{13}{349}$	$\frac{24}{349}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2792}\ \Phi_{349}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
133425	1750	1560	$\frac{1}{26}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1560}^{2}\ \Phi_{520}^{2}\ \Phi_{390}\ \Phi_{312}^{2}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}\ \Phi_{78}\ \Phi_{65}\ \Phi_{40}\ \Phi_{39}\ \Phi_{30}\ \Phi_{24}\ \Phi_{10}\ \Phi_{6}$
133426	1750	918	$\frac{1}{51}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{918}^{3}\ \Phi_{306}^{3}\ \Phi_{153}^{3}\ \Phi_{102}^{3}\ \Phi_{54}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{3}\ \Phi_{18}^{2}\ \Phi_{17}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133427	1750	53	$\frac{2}{53}$	$\frac{3}{53}$	$\frac{17}{53}$	$\frac{18}{53}$	$\Phi_{53}^{33}\ \Phi_{1}^{34}$
133428	1750	264	$\frac{1}{44}$	$\frac{1}{11}$	$\frac{43}{132}$	$\frac{89}{264}$	$\Phi_{264}^{10}\ \Phi_{88}^{10}\ \Phi_{44}^{10}\ \Phi_{24}^{10}\ \Phi_{22}^{10}\ \Phi_{11}^{9}\ \Phi_{8}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
133429	1750	1314	$\frac{1}{219}$	$\frac{218}{657}$	$\frac{1}{3}$	$\frac{439}{1314}$	$\Phi_{1314}^{2}\ \Phi_{438}^{2}\ \Phi_{219}^{2}\ \Phi_{146}^{2}\ \Phi_{73}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133430	1750	1164	$\frac{2}{291}$	$\frac{289}{1164}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1164}^{2}\ \Phi_{582}^{2}\ \Phi_{388}^{2}\ \Phi_{194}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133431	1750	126	$\frac{1}{126}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{126}^{14}\ \Phi_{63}^{14}\ \Phi_{42}^{14}\ \Phi_{21}^{14}\ \Phi_{18}^{14}\ \Phi_{14}^{14}\ \Phi_{9}^{12}\ \Phi_{7}^{14}\ \Phi_{6}^{14}\ \Phi_{3}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
133432	1750	354	$\frac{2}{177}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{354}^{6}\ \Phi_{177}^{4}\ \Phi_{118}^{6}\ \Phi_{59}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133433	1750	108	$\frac{1}{36}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{108}^{18}\ \Phi_{54}^{18}\ \Phi_{36}^{14}\ \Phi_{27}^{16}\ \Phi_{18}^{14}\ \Phi_{12}^{14}\ \Phi_{9}^{12}\ \Phi_{6}^{14}\ \Phi_{4}^{14}\ \Phi_{3}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
133434	1750	1308	$\frac{3}{436}$	$\frac{1}{4}$	$\frac{433}{1308}$	$\frac{1}{3}$	$\Phi_{1308}\ \Phi_{654}\ \Phi_{436}^2\ \Phi_{327}\ \Phi_{218}^2\ \Phi_{109}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
133435	1750	747	$\frac{2}{249}$	$\frac{2}{9}$	$\frac{247}{747}$	$\frac{1}{3}$	$\Phi_{747}^2\ \Phi_{249}^3\ \Phi_{83}^3\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
133436	1750	522	$\frac{1}{87}$	$\frac{1}{6}$	$\frac{86}{261}$	$\frac{1}{3}$	$\Phi_{522}^6\ \Phi_{261}^4\ \Phi_{18}^6\ \Phi_9^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
133437	1750	744	$\frac{1}{62}$	$\frac{1}{8}$	$\frac{61}{186}$	$\frac{1}{3}$	$\Phi_{744}^2\ \Phi_{372}^2\ \Phi_{248}^4\ \Phi_{186}\ \Phi_{124}^4\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
133438	1750	1296	$\frac{11}{432}$	$\frac{1}{12}$	$\frac{421}{1296}$	$\frac{1}{3}$	$\Phi_{1296}^2\ \Phi_{648}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
133439	1750	621	$\frac{2}{69}$	$\frac{2}{27}$	$\frac{67}{207}$	$\frac{1}{3}$	$\Phi_{621}^3\ \Phi_{207}^2\ \Phi_{69}^3\ \Phi_{27}^4\ \Phi_{23}^3\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
133440	1750	1326	$\frac{1}{26}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{442}^2\ \Phi_{221}^2\ \Phi_{102}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{34}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_2^2$
133441	1750	36	$\frac{1}{36}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{36}^{48}\ \Phi_{18}^{48}\ \Phi_{12}^{50}\ \Phi_9^{48}\ \Phi_6^{50}\ \Phi_4^{50}\ \Phi_3^{49}\ \Phi_2^{50}\ \Phi_1^{50}$
133442	1750	384	$\frac{3}{128}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{384}^7\ \Phi_{192}^7\ \Phi_{96}^7\ \Phi_{48}^7\ \Phi_{24}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
133443	1750	252	$\frac{1}{36}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^8\ \Phi_{126}^8\ \Phi_{84}^7\ \Phi_{63}^8\ \Phi_{42}^7\ \Phi_{36}^2\ \Phi_{28}^8\ \Phi_{21}^7\ \Phi_{18}^2\ \Phi_{14}^8\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7^8\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
133444	1750	1494	$\frac{1}{83}$	$\frac{2}{9}$	$\frac{41}{166}$	$\frac{1}{3}$	$\Phi_{1494}^2\ \Phi_{747}\ \Phi_{166}^2\ \Phi_{83}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
133445	1750	696	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{57}{232}$	$\frac{1}{3}$	$\Phi_{696}^3\ \Phi_{348}^3\ \Phi_{232}^4\ \Phi_{116}^4\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
133446	1750	1152	$\frac{11}{288}$	$\frac{1}{12}$	$\frac{277}{1152}$	$\frac{1}{3}$	$\Phi_{1152}^2\ \Phi_{576}^2\ \Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
133447	1750	1242	$\frac{1}{23}$	$\frac{2}{27}$	$\frac{11}{46}$	$\frac{1}{3}$	$\Phi_{1242}^2\ \Phi_{621}\ \Phi_{414}^2\ \Phi_{207}\ \Phi_{54}^2\ \Phi_{46}^2\ \Phi_{27}^2\ \Phi_{23}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
133448	1750	912	$\frac{37}{912}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
133449	1750	747	$\frac{4}{249}$	$\frac{49}{249}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{747}^3\ \Phi_{249}\ \Phi_{83}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
133450	1750	306	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{306}^9\ \Phi_{153}^6\ \Phi_{102}^3\ \Phi_{51}^2\ \Phi_{34}^3\ \Phi_{18}^6\ \Phi_{17}^2\ \Phi_9^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
133451	1750	747	$\frac{3}{83}$	$\frac{8}{83}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{747}^3\ \Phi_{83}^3\ \Phi_9^4\ \Phi_1^4$
133452	1750	2574	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{286}\ \Phi_{198}\ \Phi_{143}\ \Phi_{22}$
133453	1750	288	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{288}^8\ \Phi_{144}^8\ \Phi_{96}^7\ \Phi_{48}^8\ \Phi_{36}^2\ \Phi_{32}^8\ \Phi_{18}^2\ \Phi_{16}^8\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
133454	1750	174	$\frac{2}{87}$	$\frac{1}{6}$	$\frac{17}{87}$	$\frac{1}{3}$	$\Phi_{174}^{12}\ \Phi_{87}^8\ \Phi_{58}^{12}\ \Phi_{29}^8\ \Phi_6^{14}\ \Phi_3^9\ \Phi_2^{14}\ \Phi_1^{10}$
133455	1750	876	$\frac{7}{292}$	$\frac{47}{292}$	$\frac{57}{292}$	$\frac{1}{3}$	$\Phi_{876}^3\ \Phi_{438}^3\ \Phi_{219}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
133456	1750	744	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{6}{31}$	$\frac{1}{3}$	$\Phi_{744}^4\ \Phi_{372}^4\ \Phi_{186}^4\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_6^5$
133457	1750	876	$\frac{31}{876}$	$\frac{101}{876}$	$\frac{169}{876}$	$\frac{1}{3}$	$\Phi_{876}^2\ \Phi_{438}^2\ \Phi_{292}^2\ \Phi_{219}^2\ \Phi_{146}^2\ \Phi_{73}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
133458	1750	216	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{41}{216}$	$\frac{1}{3}$	$\Phi_{216}^8\ \Phi_{108}^8\ \Phi_{72}^8\ \Phi_{54}^8\ \Phi_{36}^8\ \Phi_{27}^8\ \Phi_{24}^8\ \Phi_{18}^8\ \Phi_{12}^{10}\ \Phi_9^8\ \Phi_8^8\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
133459	1750	621	$\frac{4}{69}$	$\frac{2}{27}$	$\frac{13}{69}$	$\frac{1}{3}$	$\Phi_{621}^3\ \Phi_{207}^3\ \Phi_{69}\ \Phi_{27}^4\ \Phi_{23}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
133460	1750	1326	$\frac{1}{26}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{1326}^2\ \Phi_{663}^2\ \Phi_{102}^2\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_6^3$
133461	1750	876	$\frac{29}{876}$	$\frac{121}{876}$	$\frac{151}{876}$	$\frac{1}{3}$	$\Phi_{876}^2\ \Phi_{438}^2\ \Phi_{292}^2\ \Phi_{219}^2\ \Phi_{146}^2\ \Phi_{73}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
133462	1750	36	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{36}^{50}\ \Phi_{18}^{50}\ \Phi_{12}^{50}\ \Phi_9^{50}\ \Phi_6^{42}\ \Phi_4^{50}\ \Phi_3^{41}\ \Phi_2^{42}\ \Phi_1^{42}$
133463	1750	1044	$\frac{5}{174}$	$\frac{169}{1044}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{348}^2\ \Phi_{261}^2\ \Phi_{116}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
133464	1750	174	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{174}^{12}\ \Phi_{87}^6\ \Phi_{58}^{12}\ \Phi_{29}^{12}\ \Phi_6^{14}\ \Phi_3^7\ \Phi_2^{14}\ \Phi_1^{14}$
133465	1750	312	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{312}^6\ \Phi_{156}^6\ \Phi_{104}^8\ \Phi_{78}^3\ \Phi_{52}^8\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{24}^3\ \Phi_{13}^4\ \Phi_{12}^3\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
133466	1750	270	$\frac{1}{15}$	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{270}^9\ \Phi_{135}^6\ \Phi_{90}^9\ \Phi_{54}^6\ \Phi_{45}^6\ \Phi_{30}^3\ \Phi_{27}^4\ \Phi_{18}^6\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_9^4\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
133467	1750	936	$\frac{61}{936}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
133468	1750	144	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{19}{144}$	$\frac{1}{3}$	$\Phi_{144}^{12}\ \Phi_{72}^{12}\ \Phi_{48}^{12}\ \Phi_{36}^{12}\ \Phi_{24}^{12}\ \Phi_{18}^{12}\ \Phi_{16}^{12}\ \Phi_{12}^{14}\ \Phi_{9}^{12}\ \Phi_{8}^{12}\ \Phi_{6}^{14}\ \Phi_{4}^{14}\ \Phi_{3}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
133469	1750	621	$\frac{2}{27}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{3}$	$\Phi_{621}^{3}\ \Phi_{207}^{3}\ \Phi_{27}^{4}\ \Phi_{23}^{3}\ \Phi_{9}^{4}\ \Phi_{1}^{4}$
133470	1750	2376	$\frac{2}{27}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{594}\ \Phi_{396}\ \Phi_{198}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
133471	1750	192	$\frac{1}{12}$	$\frac{17}{192}$	$\frac{11}{96}$	$\frac{1}{3}$	$\Phi_{192}^{10}\ \Phi_{96}^{8}\ \Phi_{64}^{10}\ \Phi_{48}^{8}\ \Phi_{32}^{8}\ \Phi_{24}^{8}\ \Phi_{16}^{8}\ \Phi_{12}^{10}\ \Phi_{8}^{8}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{9}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
133472	1750	972	$\frac{1}{12}$	$\frac{97}{972}$	$\frac{11}{108}$	$\frac{1}{3}$	$\Phi_{972}^{2}\ \Phi_{486}^{2}\ \Phi_{324}^{2}\ \Phi_{243}^{2}\ \Phi_{162}^{2}\ \Phi_{81}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133473	1750	162	$\frac{1}{27}$	$\frac{11}{81}$	$\frac{1}{6}$	$\frac{26}{81}$	$\Phi_{162}^{12}\ \Phi_{81}^{8}\ \Phi_{54}^{15}\ \Phi_{27}^{10}\ \Phi_{18}^{15}\ \Phi_{9}^{10}\ \Phi_{6}^{14}\ \Phi_{3}^{9}\ \Phi_{2}^{14}\ \Phi_{1}^{10}$
133474	1750	1026	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{163}{513}$	$\Phi_{1026}^{3}\ \Phi_{513}^{2}\ \Phi_{54}^{3}\ \Phi_{27}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133475	1750	810	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{37}{162}$	$\frac{17}{54}$	$\Phi_{810}^{3}\ \Phi_{405}^{3}\ \Phi_{162}^{2}\ \Phi_{90}^{3}\ \Phi_{81}^{2}\ \Phi_{45}^{3}\ \Phi_{30}^{3}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133476	1750	1056	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{181}{1056}$	$\frac{83}{264}$	$\Phi_{1056}^{2}\ \Phi_{528}^{2}\ \Phi_{352}^{2}\ \Phi_{176}^{2}\ \Phi_{96}^{2}\ \Phi_{88}^{2}\ \Phi_{48}^{2}\ \Phi_{44}^{2}\ \Phi_{32}^{2}\ \Phi_{22}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133477	1750	2499	$\frac{1}{17}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{16}{51}$	$\Phi_{2499}\ \Phi_{357}\ \Phi_{147}\ \Phi_{51}^{2}\ \Phi_{49}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
133478	1750	1122	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{16}{51}$	$\Phi_{1122}^{2}\ \Phi_{561}\ \Phi_{374}^{2}\ \Phi_{187}^{2}\ \Phi_{66}^{3}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{2}$
133479	1750	1428	$\frac{1}{17}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{16}{51}$	$\Phi_{1428}^{2}\ \Phi_{714}^{2}\ \Phi_{357}\ \Phi_{204}^{2}\ \Phi_{102}^{2}\ \Phi_{84}^{2}\ \Phi_{51}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133480	1750	1014	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{157}{507}$	$\Phi_{1014}^{2}\ \Phi_{507}\ \Phi_{338}^{2}\ \Phi_{169}^{2}\ \Phi_{78}^{3}\ \Phi_{39}^{2}\ \Phi_{26}^{3}\ \Phi_{13}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133481	1750	828	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{11}{46}$	$\frac{11}{36}$	$\Phi_{828}^{3}\ \Phi_{414}^{3}\ \Phi_{207}^{3}\ \Phi_{46}^{2}\ \Phi_{36}^{4}\ \Phi_{23}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133482	1750	828	$\frac{4}{69}$	$\frac{1}{12}$	$\frac{13}{69}$	$\frac{11}{36}$	$\Phi_{828}^{3}\ \Phi_{414}^{3}\ \Phi_{207}^{3}\ \Phi_{69}\ \Phi_{36}^{4}\ \Phi_{23}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
133483	1750	180	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{36}$	$\Phi_{180}^{15}\ \Phi_{90}^{15}\ \Phi_{45}^{15}\ \Phi_{36}^{10}\ \Phi_{30}^{3}\ \Phi_{18}^{10}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{10}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133484	1750	828	$\frac{1}{12}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{11}{36}$	$\Phi_{828}^{3}\ \Phi_{414}^{3}\ \Phi_{207}^{3}\ \Phi_{36}^{4}\ \Phi_{23}^{3}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{1}^{4}$
133485	1750	792	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{11}{36}$	$\Phi_{792}^{4}\ \Phi_{396}^{3}\ \Phi_{198}^{3}\ \Phi_{99}^{3}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
133486	1750	198	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{23}{198}$	$\frac{10}{33}$	$\Phi_{198}^{10}\ \Phi_{99}^{10}\ \Phi_{66}^{10}\ \Phi_{22}^{10}\ \Phi_{18}^{10}\ \Phi_{11}^{9}\ \Phi_{9}^{10}\ \Phi_{6}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
133487	1750	212	$\frac{3}{53}$	$\frac{5}{53}$	$\frac{37}{212}$	$\frac{16}{53}$	$\Phi_{212}^{10}\ \Phi_{106}^{10}\ \Phi_{53}^{3}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{4}$
133488	1750	2112	$\frac{17}{192}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
133489	1750	420	$\frac{1}{15}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{140}^{5}\ \Phi_{105}^{3}\ \Phi_{84}^{5}\ \Phi_{70}^{5}\ \Phi_{60}^{5}\ \Phi_{42}^{5}\ \Phi_{35}^{3}\ \Phi_{30}^{5}\ \Phi_{21}^{3}\ \Phi_{20}^{5}\ \Phi_{15}^{2}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{5}\ \Phi_{5}^{2}\ \Phi_{3}^{2}$
133490	1750	486	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{1}{6}$	$\frac{68}{243}$	$\Phi_{486}^{6}\ \Phi_{243}^{4}\ \Phi_{54}^{3}\ \Phi_{27}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133491	1750	816	$\frac{1}{51}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{816}^{2}\ \Phi_{408}^{2}\ \Phi_{272}^{2}\ \Phi_{204}^{3}\ \Phi_{136}^{2}\ \Phi_{102}^{3}\ \Phi_{68}^{3}\ \Phi_{51}^{2}\ \Phi_{48}\ \Phi_{34}^{3}\ \Phi_{24}\ \Phi_{17}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133492	1750	528	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{3}{16}$	$\frac{13}{48}$	$\Phi_{528}^{5}\ \Phi_{264}^{5}\ \Phi_{176}\ \Phi_{132}^{5}\ \Phi_{88}\ \Phi_{66}^{5}\ \Phi_{44}\ \Phi_{33}^{5}\ \Phi_{22}$
133493	1750	1188	$\frac{1}{33}$	$\frac{16}{99}$	$\frac{83}{396}$	$\frac{313}{1188}$	$\Phi_{1188}^{2}\ \Phi_{594}^{2}\ \Phi_{297}^{2}\ \Phi_{108}^{2}\ \Phi_{99}^{2}\ \Phi_{54}^{2}\ \Phi_{33}\ \Phi_{27}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
133494	1750	132	$\frac{7}{132}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{132}^{14}\ \Phi_{66}^{12}\ \Phi_{44}^{14}\ \Phi_{33}^{12}\ \Phi_{22}^{14}\ \Phi_{12}^{14}\ \Phi_{11}^{13}\ \Phi_{6}^{12}\ \Phi_{4}^{14}\ \Phi_{3}^{12}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
133495	1750	840	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{168}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{3}\ \Phi_{168}\ \Phi_{140}^{2}\ \Phi_{120}^{2}\ \Phi_{105}^{3}\ \Phi_{84}\ \Phi_{70}^{3}\ \Phi_{60}^{2}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{40}^{2}\ \Phi_{35}^{3}\ \Phi_{30}^{3}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{10}^{3}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133496	1750	234	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{19}{78}$	$\frac{59}{234}$	$\Phi_{234}^{10}\ \Phi_{117}^{10}\ \Phi_{78}^{3}\ \Phi_{39}^{2}\ \Phi_{26}^{3}\ \Phi_{18}^{10}\ \Phi_{13}^{2}\ \Phi_{9}^{10}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133497	1750	644	$\frac{1}{23}$	$\frac{3}{28}$	$\frac{11}{46}$	$\frac{1}{4}$	$\Phi_{644}^{3}\ \Phi_{322}^{3}\ \Phi_{161}^{3}\ \Phi_{46}^{2}\ \Phi_{28}^{4}\ \Phi_{23}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133498	1750	1932	$\frac{4}{69}$	$\frac{3}{28}$	$\frac{13}{69}$	$\frac{1}{4}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{161}\ \Phi_{84}\ \Phi_{69}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{23}\ \Phi_{21}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
133499	1750	420	$\frac{1}{15}$	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{140}^{5}\ \Phi_{105}^{5}\ \Phi_{84}^{3}\ \Phi_{70}^{5}\ \Phi_{42}^{3}\ \Phi_{35}^{5}\ \Phi_{30}^{3}\ \Phi_{28}^{4}\ \Phi_{21}^{3}\ \Phi_{15}^{2}\ \Phi_{14}^{4}\ \Phi_{10}^{3}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133500	1750	644	$\frac{2}{23}$	$\frac{3}{28}$	$\frac{3}{23}$	$\frac{1}{4}$	$\Phi_{644}^{3}\ \Phi_{322}^{3}\ \Phi_{161}^{3}\ \Phi_{28}^{4}\ \Phi_{23}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
133501	1750	616	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{616}^{4}\ \Phi_{308}^{3}\ \Phi_{154}^{3}\ \Phi_{88}\ \Phi_{77}^{3}\ \Phi_{44}\ \Phi_{22}$
133502	1750	216	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{41}{216}$	$\frac{13}{54}$	$\Phi_{216}^{10}\ \Phi_{108}^{10}\ \Phi_{72}^{10}\ \Phi_{54}^{3}\ \Phi_{36}^{10}\ \Phi_{27}^{2}\ \Phi_{24}^{10}\ \Phi_{18}^{3}\ \Phi_{12}^{10}\ \Phi_{9}^{2}\ \Phi_{8}^{10}\ \Phi_{6}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133503	1750	736	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{11}{46}$	$\Phi_{736}^{3}\ \Phi_{368}^{3}\ \Phi_{46}^{2}\ \Phi_{32}^{4}\ \Phi_{23}\ \Phi_{16}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133504	1750	138	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{11}{46}$	$\Phi_{138}^{12}\ \Phi_{69}^{12}\ \Phi_{46}^{14}\ \Phi_{23}^{13}\ \Phi_{6}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
133505	1750	1144	$\frac{17}{286}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{269}{1144}$	$\Phi_{1144}^{2}\ \Phi_{572}^{2}\ \Phi_{104}^{2}\ \Phi_{88}^{2}\ \Phi_{52}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133506	1750	78	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{6}$	$\frac{3}{13}$	$\Phi_{78}^{27}\ \Phi_{39}^{17}\ \Phi_{26}^{27}\ \Phi_{13}^{20}\ \Phi_{6}^{26}\ \Phi_{3}^{16}\ \Phi_{2}^{26}\ \Phi_{1}^{20}$
133507	1750	2208	$\frac{4}{69}$	$\frac{1}{8}$	$\frac{13}{69}$	$\frac{7}{32}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{368}\ \Phi_{96}\ \Phi_{69}\ \Phi_{48}\ \Phi_{32}^{2}\ \Phi_{23}\ \Phi_{16}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
133508	1750	480	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{32}$	$\Phi_{480}^{5}\ \Phi_{240}^{5}\ \Phi_{160}^{5}\ \Phi_{96}^{3}\ \Phi_{80}^{5}\ \Phi_{48}^{3}\ \Phi_{32}^{4}\ \Phi_{30}^{3}\ \Phi_{16}^{4}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133509	1750	736	$\frac{2}{23}$	$\frac{1}{8}$	$\frac{3}{23}$	$\frac{7}{32}$	$\Phi_{736}^{3}\ \Phi_{368}^{3}\ \Phi_{32}^{4}\ \Phi_{23}^{3}\ \Phi_{16}^{4}\ \Phi_{1}^{4}$
133510	1750	352	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{32}$	$\Phi_{352}^{7}\ \Phi_{176}^{7}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
133511	1750	720	$\frac{1}{15}$	$\frac{19}{144}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{3}\ \Phi_{180}^{3}\ \Phi_{144}^{2}\ \Phi_{90}^{3}\ \Phi_{80}^{3}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{45}^{3}\ \Phi_{36}^{2}\ \Phi_{30}^{3}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133512	1750	44	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{44}$	$\Phi_{44}^{50}\ \Phi_{22}^{50}\ \Phi_{11}^{9}\ \Phi_{4}^{50}\ \Phi_{2}^{50}\ \Phi_{1}^{10}$
133513	1750	138	$\frac{4}{69}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{13}{69}$	$\Phi_{138}^{12}\ \Phi_{69}^{13}\ \Phi_{46}^{12}\ \Phi_{23}^{13}\ \Phi_{6}^{16}\ \Phi_{3}^{17}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
133514	1750	1749	$\frac{104}{1749}$	$\frac{284}{1749}$	$\frac{293}{1749}$	$\frac{329}{1749}$	$\Phi_{1749}\ \Phi_{583}\ \Phi_{159}\ \Phi_{53}\ \Phi_{33}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}^{2}$
133515	1750	234	$\frac{7}{117}$	$\frac{19}{117}$	$\frac{1}{6}$	$\frac{22}{117}$	$\Phi_{234}^{9}\ \Phi_{117}^{6}\ \Phi_{78}^{9}\ \Phi_{39}^{6}\ \Phi_{26}^{9}\ \Phi_{18}^{9}\ \Phi_{13}^{6}\ \Phi_{9}^{6}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
133516	1750	162	$\frac{2}{27}$	$\frac{11}{81}$	$\frac{1}{6}$	$\frac{5}{27}$	$\Phi_{162}^{15}\ \Phi_{81}^{10}\ \Phi_{54}^{9}\ \Phi_{27}^{6}\ \Phi_{18}^{9}\ \Phi_{9}^{6}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
133517	1750	833	$\frac{4}{49}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{9}{49}$	$\Phi_{833}^{2}\ \Phi_{119}^{2}\ \Phi_{49}^{3}\ \Phi_{17}^{4}\ \Phi_{7}^{3}\ \Phi_{1}^{6}$
133518	1750	1176	$\frac{4}{49}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{9}{49}$	$\Phi_{1176}^{2}\ \Phi_{588}^{2}\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{168}^{2}\ \Phi_{147}\ \Phi_{84}^{2}\ \Phi_{56}\ \Phi_{49}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}^{4}\ \Phi_{21}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
133519	1750	583	$\frac{48}{583}$	$\frac{68}{583}$	$\frac{103}{583}$	$\frac{107}{583}$	$\Phi_{583}^{3}\ \Phi_{53}^{3}\ \Phi_{11}^{3}\ \Phi_{1}^{4}$
133520	1750	2008	$\frac{21}{251}$	$\frac{1}{8}$	$\frac{41}{251}$	$\frac{46}{251}$	$\Phi_{2008}\ \Phi_{1004}\ \Phi_{502}$
133521	1750	159	$\frac{14}{159}$	$\frac{19}{159}$	$\frac{26}{159}$	$\frac{29}{159}$	$\Phi_{159}^{11}\ \Phi_{53}^{11}\ \Phi_{3}^{11}\ \Phi_{1}^{12}$
133522	1750	702	$\frac{31}{351}$	$\frac{41}{351}$	$\frac{1}{6}$	$\frac{64}{351}$	$\Phi_{702}^{3}\ \Phi_{351}^{2}\ \Phi_{234}^{3}\ \Phi_{117}^{2}\ \Phi_{78}^{3}\ \Phi_{54}^{3}\ \Phi_{39}^{2}\ \Phi_{27}^{2}\ \Phi_{26}^{3}\ \Phi_{18}^{3}\ \Phi_{13}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133523	1750	1122	$\frac{1}{11}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{3}{17}$	$\Phi_{1122}^{2}\ \Phi_{561}^{2}\ \Phi_{374}^{2}\ \Phi_{66}^{3}\ \Phi_{33}^{3}\ \Phi_{22}^{3}$
133524	1750	476	$\frac{3}{28}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{3}{17}$	$\Phi_{476}^{4}\ \Phi_{238}^{4}\ \Phi_{119}^{2}\ \Phi_{68}^{4}\ \Phi_{34}^{4}\ \Phi_{28}^{6}\ \Phi_{17}^{4}\ \Phi_{14}^{6}\ \Phi_{7}^{3}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
133525	1750	176	$\frac{1}{11}$	$\frac{21}{176}$	$\frac{29}{176}$	$\frac{31}{176}$	$\Phi_{176}^{10}\ \Phi_{88}^{10}\ \Phi_{44}^{10}\ \Phi_{22}^{10}\ \Phi_{16}^{10}\ \Phi_{11}^{9}\ \Phi_{8}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
133526	1750	1749	$\frac{146}{1749}$	$\frac{229}{1749}$	$\frac{289}{1749}$	$\frac{304}{1749}$	$\Phi_{1749}\ \Phi_{583}\ \Phi_{159}\ \Phi_{53}\ \Phi_{33}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}^{2}$
133527	1750	702	$\frac{29}{351}$	$\frac{46}{351}$	$\frac{1}{6}$	$\frac{61}{351}$	$\Phi_{702}^{3}\ \Phi_{351}^{2}\ \Phi_{234}^{3}\ \Phi_{117}^{2}\ \Phi_{78}^{3}\ \Phi_{54}^{3}\ \Phi_{39}^{2}\ \Phi_{27}^{2}\ \Phi_{26}^{3}\ \Phi_{18}^{3}\ \Phi_{13}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
133528	1750	30	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{30}^{63}\ \Phi_{15}^{62}\ \Phi_{10}^{63}\ \Phi_{6}^{42}\ \Phi_{5}^{62}\ \Phi_{3}^{41}\ \Phi_{2}^{42}\ \Phi_{1}^{42}$
133529	1750	138	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{138}^{12}\ \Phi_{69}^{12}\ \Phi_{46}^{12}\ \Phi_{23}^{15}\ \Phi_{6}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{20}$
133530	1750	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{264}^{8}\ \Phi_{132}^{8}\ \Phi_{88}^{9}\ \Phi_{66}^{4}\ \Phi_{44}^{9}\ \Phi_{33}^{4}\ \Phi_{22}^{5}\ \Phi_{11}^{4}$
133531	1750	168	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{168}^{14}\ \Phi_{84}^{10}\ \Phi_{56}^{7}\ \Phi_{42}^{11}\ \Phi_{28}^{5}\ \Phi_{24}^{16}\ \Phi_{21}^{11}\ \Phi_{14}^{6}\ \Phi_{12}^{12}\ \Phi_{8}^{8}\ \Phi_{7}^{5}\ \Phi_{6}^{12}\ \Phi_{4}^{6}\ \Phi_{3}^{12}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
133532	1751	2800	$\frac{1}{350}$	$\frac{351}{1400}$	$\frac{1049}{2800}$	$\frac{349}{700}$	$\Phi_{2800}\ \Phi_{700}\ \Phi_{560}\ \Phi_{400}\ \Phi_{140}\ \Phi_{112}\ \Phi_{100}\ \Phi_{80}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
133533	1751	3000	$\frac{1}{250}$	$\frac{251}{1500}$	$\frac{1249}{3000}$	$\frac{249}{500}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{500}\ \Phi_{200}\ \Phi_{120}\ \Phi_{100}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
133534	1751	3480	$\frac{11}{1740}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1729}{3480}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{696}\ \Phi_{232}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
133535	1751	3480	$\frac{11}{1740}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1729}{3480}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{696}\ \Phi_{232}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
133536	1751	2340	$\frac{4}{585}$	$\frac{1}{5}$	$\frac{589}{2340}$	$\frac{581}{1170}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{585}\ \Phi_{468}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{156}\ \Phi_{117}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{45}\ \Phi_{39}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
133537	1751	3472	$\frac{15}{1736}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{1721}{3472}$	$\Phi_{3472}\ \Phi_{496}\ \Phi_{112}\ \Phi_{28}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
133538	1751	1632	$\frac{1}{102}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{101}{204}$	$\Phi_{1632}^2\ \Phi_{544}^2\ \Phi_{204}\ \Phi_{96}^2\ \Phi_{68}\ \Phi_{32}^3\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
133539	1751	408	$\frac{1}{102}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{101}{204}$	$\Phi_{408}^4\ \Phi_{204}^5\ \Phi_{136}^4\ \Phi_{102}^4\ \Phi_{68}^5\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{24}^5\ \Phi_{17}^4\ \Phi_{12}^6\ \Phi_{8}^4\ \Phi_{6}^5\ \Phi_{4}^5\ \Phi_{3}^5\ \Phi_{2}^4\ \Phi_{1}^5$
133540	1751	1020	$\frac{1}{102}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{101}{204}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{204}\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{68}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_{5}^3\ \Phi_{4}\ \Phi_{1}$
133541	1751	3360	$\frac{1}{70}$	$\frac{71}{1680}$	$\frac{1609}{3360}$	$\frac{69}{140}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{96}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
133542	1751	2520	$\frac{1}{70}$	$\frac{71}{840}$	$\frac{769}{2520}$	$\frac{69}{140}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
133543	1751	1960	$\frac{1}{70}$	$\frac{209}{1960}$	$\frac{71}{280}$	$\frac{69}{140}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{49}\ \Phi_{28}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
133544	1751	2240	$\frac{1}{70}$	$\frac{71}{560}$	$\frac{489}{2240}$	$\frac{69}{140}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{64}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
133545	1751	2100	$\frac{1}{70}$	$\frac{349}{2100}$	$\frac{71}{420}$	$\frac{69}{140}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{140}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
133546	1751	3444	$\frac{29}{1722}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1693}{3444}$	$\Phi_{3444}\ \Phi_{1148}\ \Phi_{492}\ \Phi_{164}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
133547	1751	3440	$\frac{31}{1720}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1689}{3440}$	$\Phi_{3440}\ \Phi_{688}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
133548	1751	200	$\frac{1}{50}$	$\frac{3}{100}$	$\frac{97}{200}$	$\frac{49}{100}$	$\Phi_{200}^{17}\ \Phi_{100}\ \Phi_{40}^{17}\ \Phi_{20}\ \Phi_{8}^{17}\ \Phi_{4}\ \Phi_{1}$
133549	1751	1950	$\frac{4}{195}$	$\frac{199}{1950}$	$\frac{1}{5}$	$\frac{191}{390}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{325}\ \Phi_{195}\ \Phi_{150}\ \Phi_{75}\ \Phi_{65}\ \Phi_{50}\ \Phi_{39}\ \Phi_{25}\ \Phi_{15}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}$
133550	1751	2352	$\frac{13}{588}$	$\frac{1}{14}$	$\frac{601}{2352}$	$\frac{575}{1176}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{112}\ \Phi_{98}\ \Phi_{84}\ \Phi_{49}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
133551	1751	3420	$\frac{41}{1710}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1669}{3420}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{228}\ \Phi_{180}\ \Phi_{76}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
133552	1751	1890	$\frac{4}{135}$	$\frac{139}{1890}$	$\frac{1}{5}$	$\frac{131}{270}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
133553	1751	200	$\frac{3}{100}$	$\frac{1}{25}$	$\frac{8}{25}$	$\frac{97}{200}$	$\Phi_{200}^{17}\ \Phi_{40}^{17}\ \Phi_{25}^2\ \Phi_{8}^{17}\ \Phi_{5}^2\ \Phi_{1}^3$
133554	1751	1800	$\frac{3}{100}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{97}{200}$	$\Phi_{1800}^2\ \Phi_{600}^2\ \Phi_{360}^2\ \Phi_{200}\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
133555	1751	3380	$\frac{61}{1690}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{1629}{3380}$	$\Phi_{3380}\ \Phi_{676}\ \Phi_{260}\ \Phi_{65}\ \Phi_{52}\ \Phi_{20}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
133556	1751	3360	$\frac{1}{35}$	$\frac{71}{1680}$	$\frac{34}{105}$	$\frac{1609}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{105}\ \Phi_{96}\ \Phi_{32}\ \Phi_{21}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
133557	1751	3360	$\frac{71}{1680}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1609}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
133558	1751	3360	$\frac{71}{1680}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1609}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
133559	1751	196	$\frac{5}{98}$	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{93}{196}$	$\Phi_{196}^{17}\ \Phi_{98}\ \Phi_{49}\ \Phi_{28}^{17}\ \Phi_{4}^{17}\ \Phi_{1}$
133560	1751	2016	$\frac{13}{252}$	$\frac{1}{14}$	$\frac{265}{2016}$	$\frac{239}{504}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
133561	1751	125	$\frac{6}{125}$	$\frac{7}{125}$	$\frac{22}{125}$	$\frac{59}{125}$	$\Phi_{125}^{14}\ \Phi_{25}^{14}\ \Phi_{5}^{14}\ \Phi_{1}^{15}$
133562	1751	1920	$\frac{9}{160}$	$\frac{169}{1920}$	$\frac{1}{10}$	$\frac{151}{320}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
133563	1751	195	$\frac{8}{195}$	$\frac{11}{195}$	$\frac{1}{5}$	$\frac{92}{195}$	$\Phi_{195}^9\ \Phi_{65}^9\ \Phi_{39}^9\ \Phi_{15}^9\ \Phi_{13}^9\ \Phi_{5}^8\ \Phi_{3}^9\ \Phi_{1}^9$
133564	1751	140	$\frac{1}{35}$	$\frac{2}{35}$	$\frac{37}{140}$	$\frac{33}{70}$	$\Phi_{140}^{17}\ \Phi_{35}^{16}\ \Phi_{28}^{17}\ \Phi_{20}^{17}\ \Phi_{7}^{16}\ \Phi_{5}^{16}\ \Phi_{4}^{17}\ \Phi_{1}^{17}$
133565	1751	3300	$\frac{1}{50}$	$\frac{101}{1650}$	$\frac{49}{150}$	$\frac{1549}{3300}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{300}\ \Phi_{220}\ \Phi_{150}\ \Phi_{132}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{44}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
133566	1751	3300	$\frac{101}{1650}$	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1549}{3300}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{300}\ \Phi_{220}\ \Phi_{132}\ \Phi_{110}\ \Phi_{100}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
133567	1751	1820	$\frac{69}{1820}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{182}\ \Phi_{140}\ \Phi_{91}\ \Phi_{70}\ \Phi_{65}\ \Phi_{52}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{13}\ \Phi_7\ \Phi_4\ \Phi_1$
133568	1751	3360	$\frac{2}{105}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{105}\ \Phi_{35}\ \Phi_{32}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_1$
133569	1751	4896	$\frac{1}{51}$	$\frac{1}{16}$	$\frac{50}{153}$	$\frac{15}{32}$	$\Phi_{4896}\ \Phi_{288}\ \Phi_{153}\ \Phi_{32}\ \Phi_9\ \Phi_1$
133570	1751	544	$\frac{1}{34}$	$\frac{1}{16}$	$\frac{33}{136}$	$\frac{15}{32}$	$\Phi_{544}^6\ \Phi_{136}\ \Phi_{68}\ \Phi_{32}^7\ \Phi_8\ \Phi_4\ \Phi_1$
133571	1751	864	$\frac{5}{108}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{864}^4\ \Phi_{288}^4\ \Phi_{108}\ \Phi_{96}^2\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}^3\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
133572	1751	3808	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{16}{119}$	$\frac{15}{32}$	$\Phi_{3808}\ \Phi_{224}\ \Phi_{119}\ \Phi_{32}\ \Phi_7\ \Phi_1$
133573	1751	1960	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{209}{1960}$	$\frac{183}{392}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{280}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{70}\ \Phi_{49}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
133574	1751	3276	$\frac{113}{1638}$	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1525}{3276}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}\ \Phi_{156}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{52}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
133575	1751	2604	$\frac{15}{868}$	$\frac{1}{14}$	$\frac{853}{2604}$	$\frac{13}{28}$	$\Phi_{2604}\ \Phi_{1302}\ \Phi_{651}\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
133576	1751	1792	$\frac{41}{1792}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{64}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_4\ \Phi_1$
133577	1751	576	$\frac{1}{18}$	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{192}$	$\Phi_{576}^6\ \Phi_{192}^5\ \Phi_{72}^2\ \Phi_{64}^5\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
133578	1751	3240	$\frac{4}{135}$	$\frac{131}{1620}$	$\frac{1}{5}$	$\frac{1489}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
133579	1751	2400	$\frac{1}{50}$	$\frac{49}{600}$	$\frac{649}{2400}$	$\frac{551}{1200}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{200}\ \Phi_{160}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
133580	1751	1800	$\frac{49}{1800}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
133581	1751	3200	$\frac{1}{50}$	$\frac{151}{1600}$	$\frac{49}{200}$	$\frac{1449}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{200}\ \Phi_{128}\ \Phi_{100}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
133582	1751	3200	$\frac{9}{160}$	$\frac{151}{1600}$	$\frac{1}{10}$	$\frac{1449}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
133583	1751	2320	$\frac{11}{580}$	$\frac{1}{10}$	$\frac{569}{2320}$	$\frac{9}{20}$	$\Phi_{2320}\ \Phi_{1160}\ \Phi_{464}\ \Phi_{232}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
133584	1751	1800	$\frac{49}{1800}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
133585	1751	3136	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{183}{1568}$	$\frac{1385}{3136}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{196}\ \Phi_{98}\ \Phi_{64}\ \Phi_{49}\ \Phi_{28}\ \Phi_4\ \Phi_1$
133586	1751	3120	$\frac{4}{195}$	$\frac{191}{1560}$	$\frac{1}{5}$	$\frac{1369}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{195}\ \Phi_{80}\ \Phi_{65}\ \Phi_{48}\ \Phi_{39}\ \Phi_{16}\ \Phi_{15}\ \Phi_{13}\ \Phi_3\ \Phi_1$
133587	1751	1008	$\frac{1}{18}$	$\frac{9}{112}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{112}\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
133588	1751	1638	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{79}{182}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{234}^2\ \Phi_{126}\ \Phi_{117}^2\ \Phi_{91}\ \Phi_{78}^2\ \Phi_{63}\ \Phi_{42}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{21}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
133589	1751	1560	$\frac{1}{104}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}^2\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
133590	1751	3080	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{211}{1540}$	$\frac{1329}{3080}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{280}\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}\ \Phi_{56}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
133591	1751	105	$\frac{2}{105}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{105}^{17}\ \Phi_{35}^{17}\ \Phi_{21}^{15}\ \Phi_{15}^{17}\ \Phi_7^{16}\ \Phi_5^{17}\ \Phi_3^{15}\ \Phi_1^{17}$
133592	1751	1848	$\frac{97}{1848}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{71}{168}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{22}\ \Phi_{21}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
133593	1751	3024	$\frac{13}{252}$	$\frac{1}{14}$	$\frac{239}{1512}$	$\frac{1273}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
133594	1751	312	$\frac{1}{104}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{312}^6\ \Phi_{156}^6\ \Phi_{104}^5\ \Phi_{78}^6\ \Phi_{52}^5\ \Phi_{39}^6\ \Phi_{26}^5\ \Phi_{24}^5\ \Phi_{13}^5\ \Phi_{12}^6\ \Phi_{8}^4\ \Phi_{6}^5\ \Phi_{4}^5\ \Phi_{3}^5\ \Phi_{2}^4\ \Phi_{1}^5$
133595	1751	3000	$\frac{1}{125}$	$\frac{251}{1500}$	$\frac{124}{375}$	$\frac{1249}{3000}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{375}\ \Phi_{200}\ \Phi_{120}\ \Phi_{75}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
133596	1751	3000	$\frac{1}{50}$	$\frac{49}{300}$	$\frac{251}{1500}$	$\frac{1249}{3000}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
133597	1751	2940	$\frac{13}{294}$	$\frac{1}{14}$	$\frac{281}{1470}$	$\frac{1189}{2940}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{140}\ \Phi_{98}\ \Phi_{84}\ \Phi_{60}\ \Phi_{49}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
133598	1751	2500	$\frac{1}{125}$	$\frac{124}{625}$	$\frac{749}{2500}$	$\frac{501}{1250}$	$\Phi_{2500}\ \Phi_{625}\ \Phi_{500}\ \Phi_{100}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
133599	1751	420	$\frac{2}{105}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{420}^7\ \Phi_{140}^7\ \Phi_{105}^3\ \Phi_{84}^7\ \Phi_{60}^7\ \Phi_{35}^3\ \Phi_{28}^5\ \Phi_{21}^3\ \Phi_{20}^7\ \Phi_{15}^3\ \Phi_{12}^7\ \Phi_{7}^2\ \Phi_{5}^3\ \Phi_{4}^5\ \Phi_{3}^3\ \Phi_{1}^3$
133600	1751	2000	$\frac{1}{50}$	$\frac{249}{2000}$	$\frac{49}{200}$	$\frac{151}{400}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{100}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
133601	1751	1770	$\frac{19}{1770}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{590}\ \Phi_{354}\ \Phi_{295}\ \Phi_{177}\ \Phi_{118}\ \Phi_{59}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
133602	1751	2700	$\frac{1}{50}$	$\frac{49}{450}$	$\frac{401}{1350}$	$\frac{949}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{108}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
133603	1751	468	$\frac{1}{26}$	$\frac{1}{18}$	$\frac{25}{78}$	$\frac{53}{156}$	$\Phi_{468}^6\ \Phi_{234}^2\ \Phi_{156}^5\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{52}^5\ \Phi_{39}^2\ \Phi_{36}^6\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}^5\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}^5\ \Phi_{3}\ \Phi_{1}$
133604	1751	1890	$\frac{1}{35}$	$\frac{139}{1890}$	$\frac{34}{105}$	$\frac{71}{210}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{63}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
133605	1751	2640	$\frac{9}{440}$	$\frac{1}{10}$	$\frac{431}{1320}$	$\frac{889}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{440}\ \Phi_{240}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{48}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
133606	1751	2250	$\frac{1}{125}$	$\frac{499}{2250}$	$\frac{124}{375}$	$\frac{251}{750}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{450}\ \Phi_{375}\ \Phi_{225}\ \Phi_{90}\ \Phi_{75}\ \Phi_{45}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
133607	1751	840	$\frac{2}{105}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^3\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_{7}^3\ \Phi_{6}\ \Phi_{5}^3\ \Phi_{3}\ \Phi_{1}$
133608	1751	420	$\frac{2}{105}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^5\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^3\ \Phi_{42}^4\ \Phi_{35}^5\ \Phi_{30}^3\ \Phi_{28}^4\ \Phi_{21}^5\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{7}^5\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
133609	1751	2610	$\frac{11}{870}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{859}{2610}$	$\Phi_{2610}\ \Phi_{1305}\ \Phi_{522}\ \Phi_{261}\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
133610	1751	1224	$\frac{1}{51}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{50}{153}$	$\Phi_{1224}^2\ \Phi_{612}^2\ \Phi_{306}^2\ \Phi_{153}^3\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{9}^3\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
133611	1751	3060	$\frac{1}{51}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{50}{153}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{765}\ \Phi_{180}\ \Phi_{153}\ \Phi_{90}\ \Phi_{45}\ \Phi_{20}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
133612	1751	2520	$\frac{1}{35}$	$\frac{71}{840}$	$\frac{769}{2520}$	$\frac{34}{105}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{72}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
133613	1751	2100	$\frac{1}{35}$	$\frac{349}{2100}$	$\frac{71}{420}$	$\frac{34}{105}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{105}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
133614	1751	2025	$\frac{4}{135}$	$\frac{274}{2025}$	$\frac{1}{5}$	$\frac{131}{405}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
133615	1751	150	$\frac{1}{25}$	$\frac{3}{50}$	$\frac{47}{150}$	$\frac{8}{25}$	$\Phi_{150}^{17}\ \Phi_{75}^{17}\ \Phi_{30}^{17}\ \Phi_{25}^2\ \Phi_{15}^{17}\ \Phi_{6}^{17}\ \Phi_{5}^2\ \Phi_{3}^{17}\ \Phi_{1}^3$
133616	1751	125	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{22}{125}$	$\frac{8}{25}$	$\Phi_{125}^{17}\ \Phi_{25}^2\ \Phi_{5}^2\ \Phi_{1}^3$
133617	1751	2565	$\frac{41}{855}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{814}{2565}$	$\Phi_{2565}\ \Phi_{513}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
133618	1751	2268	$\frac{13}{252}$	$\frac{1}{14}$	$\frac{517}{2268}$	$\frac{239}{756}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{252}\ \Phi_{162}\ \Phi_{126}\ \Phi_{84}\ \Phi_{81}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
133619	1751	2535	$\frac{4}{65}$	$\frac{61}{845}$	$\frac{1}{5}$	$\frac{784}{2535}$	$\Phi_{2535}\ \Phi_{507}\ \Phi_{195}\ \Phi_{65}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}$
133620	1751	1980	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{229}{1980}$	$\frac{101}{330}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
133621	1751	2520	$\frac{1}{14}$	$\frac{71}{840}$	$\frac{13}{84}$	$\frac{769}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
133622	1751	1920	$\frac{169}{1920}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{240}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
133623	1751	408	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{33}{136}$	$\frac{7}{24}$	$\Phi_{408}^6\ \Phi_{204}^6\ \Phi_{136}\ \Phi_{102}^6\ \Phi_{68}\ \Phi_{51}^6\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_8\ \Phi_6^7\ \Phi_4\ \Phi_3^7\ \Phi_1$
133624	1751	216	$\frac{5}{108}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{216}^8\ \Phi_{108}^9\ \Phi_{72}^8\ \Phi_{54}^9\ \Phi_{36}^9\ \Phi_{27}^9\ \Phi_{24}^5\ \Phi_{18}^9\ \Phi_{12}^6\ \Phi_9^9\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
133625	1751	360	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{7}{24}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^5\ \Phi_{90}^6\ \Phi_{72}^2\ \Phi_{60}^5\ \Phi_{45}^6\ \Phi_{40}^5\ \Phi_{36}^2\ \Phi_{30}^5\ \Phi_{24}^2\ \Phi_{20}^5\ \Phi_{18}\ \Phi_{15}^5\ \Phi_{12}^2\ \Phi_{10}^5\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5^5\ \Phi_4\ \Phi_3\ \Phi_1$
133626	1751	2856	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{16}{119}$	$\frac{7}{24}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{357}\ \Phi_{168}\ \Phi_{119}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
133627	1751	144	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{144}$	$\Phi_{144}^{11}\ \Phi_{72}^{13}\ \Phi_{48}^{12}\ \Phi_{36}^{13}\ \Phi_{24}^{14}\ \Phi_{18}^{12}\ \Phi_{16}^{12}\ \Phi_{12}^{14}\ \Phi_9^{12}\ \Phi_8^{13}\ \Phi_6^{13}\ \Phi_4^{13}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
133628	1751	2430	$\frac{4}{135}$	$\frac{131}{810}$	$\frac{1}{5}$	$\frac{679}{2430}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{486}\ \Phi_{243}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
133629	1751	2400	$\frac{1}{50}$	$\frac{151}{800}$	$\frac{49}{200}$	$\frac{649}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
133630	1751	2400	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{151}{800}$	$\frac{649}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{160}\ \Phi_{150}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
133631	1751	2175	$\frac{11}{435}$	$\frac{424}{2175}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2175}\ \Phi_{725}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
133632	1751	1800	$\frac{49}{1800}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
133633	1751	2352	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{183}{784}$	$\frac{601}{2352}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{196}\ \Phi_{168}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{49}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
133634	1751	2340	$\frac{4}{195}$	$\frac{1}{5}$	$\frac{191}{780}$	$\frac{589}{2340}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{234}\ \Phi_{195}\ \Phi_{180}\ \Phi_{117}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{36}\ \Phi_{18}\ \Phi_{15}\ \Phi_{13}\ \Phi_9\ \Phi_3\ \Phi_1$
133635	1751	680	$\frac{1}{34}$	$\frac{3}{20}$	$\frac{33}{136}$	$\frac{1}{4}$	$\Phi_{680}^4\ \Phi_{340}^2\ \Phi_{170}^2\ \Phi_{136}\ \Phi_{85}^2\ \Phi_{68}\ \Phi_{40}^4\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8\ \Phi_5^3\ \Phi_4\ \Phi_1$
133636	1751	540	$\frac{5}{108}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^4\ \Phi_{108}\ \Phi_{90}^4\ \Phi_{60}^2\ \Phi_{54}\ \Phi_{45}^4\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{20}^3\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_9\ \Phi_5^3\ \Phi_4\ \Phi_1$
133637	1751	360	$\frac{1}{18}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{360}^6\ \Phi_{180}^4\ \Phi_{120}^5\ \Phi_{90}^4\ \Phi_{72}^6\ \Phi_{60}^3\ \Phi_{45}^4\ \Phi_{40}^5\ \Phi_{36}^6\ \Phi_{30}^3\ \Phi_{24}^5\ \Phi_{20}^4\ \Phi_{18}^5\ \Phi_{15}^3\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_9^5\ \Phi_8^5\ \Phi_6^4\ \Phi_5^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
133638	1751	2380	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{595}\ \Phi_{140}\ \Phi_{119}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
133639	1751	2160	$\frac{4}{135}$	$\frac{409}{2160}$	$\frac{1}{5}$	$\frac{131}{540}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
133640	1751	1152	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{25}{128}$	$\frac{7}{32}$	$\Phi_{1152}^2\ \Phi_{576}^2\ \Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}\ \Phi_{72}^2\ \Phi_{64}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
133641	1751	2240	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{560}$	$\frac{489}{2240}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
133642	1751	2016	$\frac{1}{14}$	$\frac{265}{2016}$	$\frac{13}{84}$	$\frac{71}{336}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
133643	1751	2200	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{550}$	$\frac{449}{2200}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{440}\ \Phi_{220}\ \Phi_{200}\ \Phi_{110}\ \Phi_{100}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
133644	1751	2100	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{349}{2100}$	$\frac{71}{420}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{50}\ \Phi_{42}\ \Phi_{28}\ \Phi_{25}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
133645	1752	1311	$\frac{1}{437}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{218}{437}$	$\Phi_{1311}\ \Phi_{437}^2\ \Phi_{69}\ \Phi_{57}\ \Phi_{23}^2\ \Phi_{19}^2\ \Phi_3^2\ \Phi_1^4$
133646	1752	1751	$\frac{5}{1751}$	$\frac{439}{1751}$	$\frac{656}{1751}$	$\frac{873}{1751}$	$\Phi_{1751}\ \Phi_{103}\ \Phi_{17}\ \Phi_1^2$
133647	1752	2631	$\frac{3}{877}$	$\frac{220}{877}$	$\frac{1}{3}$	$\frac{437}{877}$	Φ_{2631}
133648	1752	1455	$\frac{1}{291}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{145}{291}$	$\Phi_{1455}\ \Phi_{485}\ \Phi_{291}^2\ \Phi_{97}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
133649	1752	1164	$\frac{1}{291}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{145}{291}$	$\Phi_{1164}^2\ \Phi_{582}^2\ \Phi_{388}^2\ \Phi_{194}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
133650	1752	1751	$\frac{7}{1751}$	$\frac{293}{1751}$	$\frac{729}{1751}$	$\frac{872}{1751}$	$\Phi_{1751}\ \Phi_{103}\ \Phi_{17}\ \Phi_1^2$
133651	1752	3052	$\frac{1}{218}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{217}{436}$	$\Phi_{3052}\ \Phi_{436}^2\ \Phi_{28}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
133652	1752	6540	$\frac{1}{218}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{217}{436}$	$\Phi_{6540}\ \Phi_{60}\ \Phi_{15}$
133653	1752	780	$\frac{1}{195}$	$\frac{1}{4}$	$\frac{49}{195}$	$\frac{97}{195}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{260}^3\ \Phi_{156}^3\ \Phi_{130}^3\ \Phi_{78}^3\ \Phi_{60}^3\ \Phi_{52}^3\ \Phi_{30}^3\ \Phi_{26}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
133654	1752	1751	$\frac{9}{1751}$	$\frac{437}{1751}$	$\frac{440}{1751}$	$\frac{871}{1751}$	$\Phi_{1751}\ \Phi_{103}\ \Phi_{17}\ \Phi_1^2$
133655	1752	2631	$\frac{5}{877}$	$\frac{147}{877}$	$\frac{1}{3}$	$\frac{436}{877}$	Φ_{2631}
133656	1752	1595	$\frac{1}{145}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{72}{145}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}^2\ \Phi_{55}\ \Phi_{29}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
133657	1752	3045	$\frac{1}{145}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{72}{145}$	$\Phi_{3045}\ \Phi_{609}\ \Phi_{105}\ \Phi_{21}^2$
133658	1752	1595	$\frac{1}{145}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{72}{145}$	$\Phi_{1595}\ \Phi_{319}\ \Phi_{145}^2\ \Phi_{55}\ \Phi_{29}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
133659	1752	580	$\frac{1}{145}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{72}{145}$	$\Phi_{580}^4\ \Phi_{290}^4\ \Phi_{116}^4\ \Phi_{58}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_4^4\ \Phi_2^4$
133660	1752	1751	$\frac{13}{1751}$	$\frac{147}{1751}$	$\frac{802}{1751}$	$\frac{869}{1751}$	$\Phi_{1751}\ \Phi_{103}\ \Phi_{17}\ \Phi_1^2$
133661	1752	1404	$\frac{1}{117}$	$\frac{59}{351}$	$\frac{1}{4}$	$\frac{58}{117}$	$\Phi_{1404}^2\ \Phi_{702}^2\ \Phi_{468}\ \Phi_{234}\ \Phi_{156}\ \Phi_{108}^2\ \Phi_{78}\ \Phi_{54}^2\ \Phi_{52}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
133662	1752	412	$\frac{1}{103}$	$\frac{13}{206}$	$\frac{193}{412}$	$\frac{51}{103}$	$\Phi_{412}^8\ \Phi_{103}\ \Phi_4^8\ \Phi_1^2$
133663	1752	103	$\frac{1}{103}$	$\frac{13}{103}$	$\frac{30}{103}$	$\frac{51}{103}$	$\Phi_{103}^{17}\ \Phi_1^{18}$
133664	1752	515	$\frac{1}{103}$	$\frac{77}{515}$	$\frac{26}{103}$	$\frac{51}{103}$	$\Phi_{515}^4\ \Phi_{103}\ \Phi_5^4\ \Phi_1^2$
133665	1752	2051	$\frac{3}{293}$	$\frac{1}{7}$	$\frac{74}{293}$	$\frac{145}{293}$	Φ_{2051}
133666	1752	289	$\frac{3}{289}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{143}{289}$	$\Phi_{289}^6\ \Phi_{17}^7\ \Phi_1^8$
133667	1752	289	$\frac{3}{289}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{143}{289}$	$\Phi_{289}^6\ \Phi_{17}^7\ \Phi_1^8$
133668	1752	1751	$\frac{19}{1751}$	$\frac{295}{1751}$	$\frac{364}{1751}$	$\frac{866}{1751}$	$\Phi_{1751}\ \Phi_{103}\ \Phi_{17}\ \Phi_1^2$
133669	1752	2195	$\frac{5}{439}$	$\frac{74}{439}$	$\frac{1}{5}$	$\frac{217}{439}$	Φ_{2195}
133670	1752	2340	$\frac{7}{585}$	$\frac{74}{585}$	$\frac{1}{4}$	$\frac{289}{585}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{468}\ \Phi_{390}\ \Phi_{260}\ \Phi_{234}\ \Phi_{180}\ \Phi_{156}\ \Phi_{130}\ \Phi_{90}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}\ \Phi_{36}\ \Phi_{30}\ \Phi_{26}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
133671	1752	1751	$\frac{21}{1751}$	$\frac{218}{1751}$	$\frac{443}{1751}$	$\frac{865}{1751}$	$\Phi_{1751}\ \Phi_{103}\ \Phi_{17}\ \Phi_1^2$
133672	1752	2631	$\frac{11}{877}$	$\frac{74}{877}$	$\frac{1}{3}$	$\frac{433}{877}$	Φ_{2631}
133673	1752	3312	$\frac{1}{72}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{71}{144}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{144}^2\ \Phi_{48}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_1^2$
133674	1752	1872	$\frac{1}{72}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{71}{144}$	$\Phi_{1872}^2\ \Phi_{624}^2\ \Phi_{208}^2\ \Phi_{39}$
133675	1752	3312	$\frac{1}{72}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{71}{144}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{144}^2\ \Phi_{48}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_1^2$
133676	1752	144	$\frac{1}{72}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{71}{144}$	$\Phi_{144}^{24}\ \Phi_{48}^{24}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}^{24}\ \Phi_{12}\ \Phi_6$
133677	1752	3312	$\frac{1}{72}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{71}{144}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{144}^2\ \Phi_{48}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_1^2$
133678	1752	5040	$\frac{1}{72}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{71}{144}$	$\Phi_{5040}\ \Phi_{1680}\ \Phi_{560}\ \Phi_{35}$
133679	1752	1300	$\frac{1}{65}$	$\frac{33}{325}$	$\frac{1}{4}$	$\frac{32}{65}$	$\Phi_{1300}^2\ \Phi_{650}^2\ \Phi_{260}\ \Phi_{130}\ \Phi_{100}^2\ \Phi_{52}\ \Phi_{50}^2\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
133680	1752	3870	$\frac{4}{215}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{211}{430}$	$\Phi_{3870}\ \Phi_{1290}\ \Phi_{774}\ \Phi_{258}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
133681	1752	1274	$\frac{1}{49}$	$\frac{1}{13}$	$\frac{25}{98}$	$\frac{24}{49}$	$\Phi_{1274}^2\ \Phi_{637}\ \Phi_{182}^2\ \Phi_{91}\ \Phi_{26}^2$
133682	1752	572	$\frac{3}{143}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{70}{143}$	$\Phi_{572}^4\ \Phi_{286}^4\ \Phi_{52}^5\ \Phi_{44}^4\ \Phi_{26}^5\ \Phi_{22}^4\ \Phi_4^4\ \Phi_2^4$
133683	1752	1260	$\frac{1}{45}$	$\frac{23}{315}$	$\frac{1}{4}$	$\frac{22}{45}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{180}\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{90}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{18}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
133684	1752	792	$\frac{1}{44}$	$\frac{1}{9}$	$\frac{15}{88}$	$\frac{43}{88}$	$\Phi_{792}^2\ \Phi_{396}^3\ \Phi_{264}^2\ \Phi_{198}^3\ \Phi_{132}^3\ \Phi_{99}^3\ \Phi_{72}^2\ \Phi_{66}^3\ \Phi_{36}^3\ \Phi_{33}^3\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
133685	1752	1140	$\frac{7}{285}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{139}{285}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{228}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{60}^3\ \Phi_{38}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
133686	1752	156	$\frac{1}{39}$	$\frac{5}{78}$	$\frac{1}{4}$	$\frac{19}{39}$	$\Phi_{156}^{15}\ \Phi_{78}^7\ \Phi_{52}^{15}\ \Phi_{39}^8\ \Phi_{26}^7\ \Phi_{13}^8\ \Phi_{12}^{15}\ \Phi_6^7\ \Phi_4^{14}\ \Phi_3^8\ \Phi_2^6\ \Phi_1^8$
133687	1752	425	$\frac{13}{425}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{206}{425}$	$\Phi_{425}^4\ \Phi_{85}^4\ \Phi_{25}^4\ \Phi_{17}^7\ \Phi_5^4\ \Phi_1^8$
133688	1752	1820	$\frac{3}{70}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{67}{140}$	$\Phi_{1820}^2\ \Phi_{364}^2\ \Phi_{260}^2\ \Phi_{91}\ \Phi_{52}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
133689	1752	1260	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{67}{140}$	$\Phi_{1260}^3\ \Phi_{420}^3\ \Phi_{252}^3\ \Phi_{180}^3\ \Phi_{90}\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{45}\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^3\ \Phi_6$
133690	1752	1725	$\frac{2}{75}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{345}\ \Phi_{115}\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{23}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
133691	1752	2484	$\frac{1}{36}$	$\frac{1}{23}$	$\frac{35}{108}$	$\frac{11}{23}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{621}\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{23}\ \Phi_1^2$
133692	1752	1748	$\frac{3}{76}$	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{1748}\ \Phi_{874}\ \Phi_{437}\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{23}\ \Phi_{19}^2\ \Phi_1^2$
133693	1752	2208	$\frac{1}{24}$	$\frac{1}{23}$	$\frac{23}{96}$	$\frac{11}{23}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{368}\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_1^2$
133694	1752	2070	$\frac{1}{23}$	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{11}{23}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{115}\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{23}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
133695	1752	1794	$\frac{1}{23}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{11}{23}$	$\Phi_{1794}\ \Phi_{897}\ \Phi_{598}\ \Phi_{299}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{23}\ \Phi_{13}^2\ \Phi_1^2$
133696	1752	1932	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{11}{23}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{161}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{23}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
133697	1752	1840	$\frac{1}{23}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{11}{23}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{368}\ \Phi_{230}\ \Phi_{115}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
133698	1752	1863	$\frac{1}{23}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{11}{23}$	$\Phi_{1863}\ \Phi_{621}\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_{23}\ \Phi_1^2$
133699	1752	1092	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{11}{84}$	$\frac{10}{21}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{156}^2\ \Phi_{91}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}^2$
133700	1752	3762	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{199}{418}$	$\Phi_{3762}\ \Phi_{1254}\ \Phi_{342}\ \Phi_{198}\ \Phi_{114}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{18}\ \Phi_6$
133701	1752	309	$\frac{5}{103}$	$\frac{17}{309}$	$\frac{18}{103}$	$\frac{49}{103}$	$\Phi_{309}^6\ \Phi_{103}^5\ \Phi_3^6\ \Phi_1^6$
133702	1752	720	$\frac{1}{20}$	$\frac{7}{80}$	$\frac{1}{9}$	$\frac{19}{40}$	$\Phi_{720}^3\ \Phi_{360}^2\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{120}^2\ \Phi_{90}^3\ \Phi_{72}^2\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
133703	1752	289	$\frac{9}{289}$	$\frac{1}{17}$	$\frac{70}{289}$	$\frac{8}{17}$	$\Phi_{289}^6\ \Phi_{17}^7\ \Phi_1^8$
133704	1752	153	$\frac{7}{153}$	$\frac{1}{17}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{153}^{12}\ \Phi_{51}^{12}\ \Phi_{17}^7\ \Phi_9^{12}\ \Phi_3^{12}\ \Phi_1^8$
133705	1752	412	$\frac{3}{103}$	$\frac{13}{206}$	$\frac{25}{103}$	$\frac{193}{412}$	$\Phi_{412}^8\ \Phi_{103}\ \Phi_4^8\ \Phi_1^2$
133706	1752	412	$\frac{13}{206}$	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{193}{412}$	$\Phi_{412}^8\ \Phi_{103}\ \Phi_4^8\ \Phi_1^2$
133707	1752	300	$\frac{2}{75}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{300}^8\ \Phi_{150}^8\ \Phi_{100}^8\ \Phi_{60}^7\ \Phi_{50}^8\ \Phi_{30}^7\ \Phi_{20}^7\ \Phi_{12}^7\ \Phi_{10}^7\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
133708	1752	1092	$\frac{1}{39}$	$\frac{19}{273}$	$\frac{1}{4}$	$\frac{127}{273}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{156}^3\ \Phi_{84}^2\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{26}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
133709	1752	136	$\frac{1}{17}$	$\frac{5}{68}$	$\frac{2}{17}$	$\frac{63}{136}$	$\Phi_{136}^{24}\ \Phi_{17}^7\ \Phi_8^{24}\ \Phi_1^8$
133710	1752	1196	$\frac{7}{299}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{1196}^2\ \Phi_{598}^2\ \Phi_{92}^2\ \Phi_{52}\ \Phi_{46}^2\ \Phi_{26}$
133711	1752	540	$\frac{1}{45}$	$\frac{11}{135}$	$\frac{1}{4}$	$\frac{62}{135}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^5\ \Phi_{108}^4\ \Phi_{90}^5\ \Phi_{60}^5\ \Phi_{54}^4\ \Phi_{36}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_6^5\ \Phi_4^4\ \Phi_2^4$
133712	1752	2442	$\frac{1}{74}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{2442}\ \Phi_{1221}\ \Phi_{222}^2\ \Phi_{111}^2\ \Phi_{66}\ \Phi_6^2$
133713	1752	825	$\frac{2}{75}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}^2\ \Phi_{75}^4\ \Phi_{55}\ \Phi_{33}^2\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_{11}^2\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
133714	1752	957	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{14}{87}$	$\frac{5}{11}$	$\Phi_{957}^2\ \Phi_{319}\ \Phi_{87}^4\ \Phi_{33}^2\ \Phi_{29}^2\ \Phi_{11}^2\ \Phi_3^4\ \Phi_1^4$
133715	1752	3600	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{1}{9}$	$\frac{181}{400}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
133716	1752	396	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{1}{9}$	$\frac{59}{132}$	$\Phi_{396}^9\ \Phi_{198}\ \Phi_{132}^6\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}^6\ \Phi_{36}^9\ \Phi_{33}\ \Phi_{18}\ \Phi_{12}^6\ \Phi_6\ \Phi_4^6$
133717	1752	1188	$\frac{5}{297}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{22}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
133718	1752	238	$\frac{1}{17}$	$\frac{19}{238}$	$\frac{2}{17}$	$\frac{15}{34}$	$\Phi_{238}^8\ \Phi_{119}^8\ \Phi_{17}^7\ \Phi_{14}^8\ \Phi_7^8\ \Phi_1^8$
133719	1752	1850	$\frac{1}{74}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1850}\ \Phi_{925}\ \Phi_{370}\ \Phi_{185}\ \Phi_{50}\ \Phi_{10}$
133720	1752	260	$\frac{1}{65}$	$\frac{8}{65}$	$\frac{1}{4}$	$\frac{57}{130}$	$\Phi_{260}^9\ \Phi_{130}\ \Phi_{65}^8\ \Phi_{52}^9\ \Phi_{26}\ \Phi_{20}^9\ \Phi_{13}^8\ \Phi_{10}\ \Phi_5^8\ \Phi_4^8\ \Phi_1^8$
133721	1752	1547	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{205}{1547}$	$\frac{671}{1547}$	$\Phi_{1547}\ \Phi_{221}^2\ \Phi_{119}\ \Phi_{91}\ \Phi_{17}\ \Phi_{13}^2\ \Phi_7\ \Phi_1^2$
133722	1752	515	$\frac{1}{103}$	$\frac{69}{515}$	$\frac{34}{103}$	$\frac{223}{515}$	$\Phi_{515}^3\ \Phi_{103}^5\ \Phi_5^3\ \Phi_1^6$
133723	1752	763	$\frac{1}{109}$	$\frac{1}{7}$	$\frac{36}{109}$	$\frac{3}{7}$	$\Phi_{763}^2\ \Phi_{109}^4\ \Phi_7^3\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
133724	1752	1036	$\frac{1}{74}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1036}^2\ \Phi_{518}\ \Phi_{259}\ \Phi_{148}^4\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{28}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
133725	1752	1001	$\frac{4}{77}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1001}^2\ \Phi_{143}^2\ \Phi_{91}$
133726	1752	1638	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{10}{63}$	$\frac{53}{126}$	$\Phi_{1638}^2\ \Phi_{546}^2\ \Phi_{273}\ \Phi_{234}^2\ \Phi_{182}^2\ \Phi_{91}\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{26}^2$
133727	1752	103	$\frac{1}{103}$	$\frac{17}{103}$	$\frac{30}{103}$	$\frac{43}{103}$	$\Phi_{103}^{17}\ \Phi_1^{18}$
133728	1752	2631	$\frac{7}{877}$	$\frac{145}{877}$	$\frac{1}{3}$	$\frac{366}{877}$	Φ_{2631}
133729	1752	1751	$\frac{14}{1751}$	$\frac{293}{1751}$	$\frac{579}{1751}$	$\frac{729}{1751}$	$\Phi_{1751}\ \Phi_{103}\ \Phi_{17}\ \Phi_1^2$
133730	1752	221	$\frac{2}{221}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{221}^8\ \Phi_{17}^7\ \Phi_{13}^8\ \Phi_1^8$
133731	1752	735	$\frac{1}{147}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}^4\ \Phi_{105}^2\ \Phi_{49}^4\ \Phi_{35}^2\ \Phi_{21}^4\ \Phi_{15}\ \Phi_7^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
133732	1752	1180	$\frac{3}{295}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1180}^2\ \Phi_{590}^2\ \Phi_{236}^2\ \Phi_{118}^2\ \Phi_{20}\ \Phi_{10}$
133733	1752	485	$\frac{1}{97}$	$\frac{1}{5}$	$\frac{24}{97}$	$\frac{2}{5}$	$\Phi_{485}^3\ \Phi_{97}^6\ \Phi_5^4\ \Phi_1^8$
133734	1752	370	$\frac{1}{74}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{370}^5\ \Phi_{185}^5\ \Phi_{74}^4\ \Phi_{37}^4\ \Phi_{10}^5\ \Phi_2^4$
133735	1752	1911	$\frac{1}{147}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1911}\ \Phi_{637}\ \Phi_{273}\ \Phi_{91}\ \Phi_{39}$
133736	1752	3168	$\frac{1}{44}$	$\frac{1}{9}$	$\frac{43}{176}$	$\frac{133}{352}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{396}\ \Phi_{288}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{96}\ \Phi_{66}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
133737	1752	1751	$\frac{19}{1751}$	$\frac{364}{1751}$	$\frac{433}{1751}$	$\frac{659}{1751}$	$\Phi_{1751}\ \Phi_{103}\ \Phi_{17}\ \Phi_1^2$
133738	1752	468	$\frac{1}{117}$	$\frac{29}{117}$	$\frac{1}{4}$	$\frac{44}{117}$	$\Phi_{468}^5\ \Phi_{234}^5\ \Phi_{156}^5\ \Phi_{78}^5\ \Phi_{52}^5\ \Phi_{36}^5\ \Phi_{26}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_6^5\ \Phi_4^4\ \Phi_2^4$
133739	1752	2016	$\frac{5}{224}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
133740	1752	1751	$\frac{15}{1751}$	$\frac{434}{1751}$	$\frac{439}{1751}$	$\frac{656}{1751}$	$\Phi_{1751}\ \Phi_{103}\ \Phi_{17}\ \Phi_1^2$
133741	1752	1850	$\frac{1}{74}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1850}\ \Phi_{925}\ \Phi_{370}\ \Phi_{185}\ \Phi_{50}\ \Phi_{10}$
133742	1752	309	$\frac{4}{103}$	$\frac{17}{309}$	$\frac{33}{103}$	$\frac{35}{103}$	$\Phi_{309}^6\ \Phi_{103}^5\ \Phi_3^6\ \Phi_1^6$
133743	1752	221	$\frac{8}{221}$	$\frac{1}{17}$	$\frac{71}{221}$	$\frac{75}{221}$	$\Phi_{221}^8\ \Phi_{17}^7\ \Phi_{13}^8\ \Phi_1^8$
133744	1752	990	$\frac{1}{55}$	$\frac{1}{9}$	$\frac{18}{55}$	$\frac{37}{110}$	$\Phi_{990}^3\ \Phi_{495}\ \Phi_{330}^3\ \Phi_{198}^3\ \Phi_{165}\ \Phi_{99}\ \Phi_{90}^3\ \Phi_{66}^3\ \Phi_{45}\ \Phi_{33}\ \Phi_{30}^3\ \Phi_{18}^3\ \Phi_{15}\ \Phi_6^3$
133745	1752	1751	$\frac{20}{1751}$	$\frac{291}{1751}$	$\frac{577}{1751}$	$\frac{587}{1751}$	$\Phi_{1751}\ \Phi_{103}\ \Phi_{17}\ \Phi_1^2$
133746	1752	2195	$\frac{4}{439}$	$\frac{1}{5}$	$\frac{145}{439}$	$\frac{147}{439}$	Φ_{2195}
133747	1752	1751	$\frac{8}{1751}$	$\frac{581}{1751}$	$\frac{583}{1751}$	$\frac{585}{1751}$	$\Phi_{1751}\ \Phi_{103}\ \Phi_{17}\ \Phi_1^2$
133748	1752	2631	$\frac{4}{877}$	$\frac{291}{877}$	$\frac{1}{3}$	$\frac{293}{877}$	Φ_{2631}
133749	1752	660	$\frac{1}{220}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^2\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{110}^2\ \Phi_{66}^3\ \Phi_{60}^3\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
133750	1752	1311	$\frac{2}{437}$	$\frac{145}{437}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1311}\ \Phi_{437}^2\ \Phi_{69}\ \Phi_{57}\ \Phi_{23}^2\ \Phi_{19}^2\ \Phi_3^2\ \Phi_1^4$
133751	1752	588	$\frac{1}{147}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{588}^4\ \Phi_{294}^4\ \Phi_{196}^4\ \Phi_{98}^4\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
133752	1752	1311	$\frac{5}{437}$	$\frac{72}{437}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1311}\ \Phi_{437}^2\ \Phi_{69}\ \Phi_{57}\ \Phi_{23}^2\ \Phi_{19}^2\ \Phi_3^2\ \Phi_1^4$
133753	1752	1554	$\frac{1}{74}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1554}\ \Phi_{777}\ \Phi_{518}^2\ \Phi_{259}^2\ \Phi_{42}\ \Phi_{14}^2$
133754	1752	975	$\frac{2}{75}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{195}^2\ \Phi_{65}^2\ \Phi_{39}$
133755	1752	228	$\frac{3}{76}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{228}^6\ \Phi_{114}^6\ \Phi_{76}^{12}\ \Phi_{57}^5\ \Phi_{38}^{12}\ \Phi_{19}^{10}\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^{12}\ \Phi_3^6\ \Phi_2^{12}\ \Phi_1^{12}$
133756	1752	690	$\frac{1}{23}$	$\frac{11}{230}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{690}^2\ \Phi_{345}^2\ \Phi_{230}^4\ \Phi_{138}^2\ \Phi_{115}^4\ \Phi_{69}\ \Phi_{46}^4\ \Phi_{30}^2\ \Phi_{23}^2\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
133757	1752	3492	$\frac{2}{291}$	$\frac{1}{4}$	$\frac{289}{873}$	$\frac{1}{3}$	$\Phi_{3492}\ \Phi_{1746}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
133758	1752	1635	$\frac{1}{109}$	$\frac{1}{5}$	$\frac{36}{109}$	$\frac{1}{3}$	$\Phi_{1635}^2\ \Phi_{15}^3$
133759	1752	2631	$\frac{10}{877}$	$\frac{147}{877}$	$\frac{289}{877}$	$\frac{1}{3}$	Φ_{2631}
133760	1752	1404	$\frac{1}{36}$	$\frac{1}{13}$	$\frac{35}{108}$	$\frac{1}{3}$	$\Phi_{1404}^2\ \Phi_{702}^2\ \Phi_{351}^2\ \Phi_{39}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
133761	1752	1725	$\frac{2}{75}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{345}\ \Phi_{115}\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{23}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
133762	1752	2442	$\frac{1}{74}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{2442}\ \Phi_{1221}\ \Phi_{222}^2\ \Phi_{111}^2\ \Phi_{66}\ \Phi_6^2$
133763	1752	2631	$\frac{9}{877}$	$\frac{217}{877}$	$\frac{220}{877}$	$\frac{1}{3}$	Φ_{2631}
133764	1752	1164	$\frac{1}{97}$	$\frac{24}{97}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1164}^3\ \Phi_{582}^3\ \Phi_{12}^4\ \Phi_6^4$
133765	1752	2220	$\frac{1}{74}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2220}^2\ \Phi_{1110}\ \Phi_{555}\ \Phi_{60}\ \Phi_{15}$
133766	1752	900	$\frac{2}{75}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{900}^3\ \Phi_{450}^3\ \Phi_{300}^2\ \Phi_{180}^3\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^3\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
133767	1752	2964	$\frac{3}{76}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2964}\ \Phi_{1482}\ \Phi_{741}\ \Phi_{39}$
133768	1752	1248	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{23}{96}$	$\frac{1}{3}$	$\Phi_{1248}^2\ \Phi_{624}^2\ \Phi_{416}^2\ \Phi_{208}^2\ \Phi_{39}$
133769	1752	1989	$\frac{7}{153}$	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1989}\ \Phi_{663}\ \Phi_{221}\ \Phi_{39}$
133770	1752	1725	$\frac{2}{75}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{345}\ \Phi_{115}\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{23}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
133771	1752	525	$\frac{2}{75}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{525}^4\ \Phi_{175}^4\ \Phi_{105}^3\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_7^4$
133772	1752	1170	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{17}{90}$	$\frac{1}{3}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{39}$
133773	1752	78	$\frac{5}{78}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{78}^{22}\ \Phi_{39}^{23}\ \Phi_{26}^{22}\ \Phi_{13}^{22}\ \Phi_6^{24}\ \Phi_3^{24}\ \Phi_2^{24}\ \Phi_1^{24}$
133774	1752	609	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{14}{87}$	$\frac{1}{3}$	$\Phi_{609}^3\ \Phi_{203}^4\ \Phi_{21}^4\ \Phi_7^4$
133775	1752	1092	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{39}$
133776	1752	3120	$\frac{1}{13}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{624}\ \Phi_{390}\ \Phi_{195}\ \Phi_{39}$
133777	1752	1053	$\frac{1}{13}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{1053}^2\ \Phi_{351}^2\ \Phi_{39}$
133778	1752	1740	$\frac{2}{145}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{143}{435}$	$\Phi_{1740}^2\ \Phi_{870}^2\ \Phi_{348}^2\ \Phi_{174}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6^2$
133779	1752	2700	$\frac{1}{45}$	$\frac{91}{675}$	$\frac{1}{4}$	$\frac{44}{135}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{900}\ \Phi_{450}\ \Phi_{300}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{60}\ \Phi_{50}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
133780	1752	2484	$\frac{1}{36}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{35}{108}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{621}\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{23}\ \Phi_1^2$
133781	1752	108	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{35}{108}$	$\Phi_{108}^{24}\ \Phi_{54}^{24}\ \Phi_{36}\ \Phi_{27}^{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
133782	1752	2484	$\frac{1}{36}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{35}{108}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{621}\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{23}\ \Phi_1^2$
133783	1752	3780	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{35}{108}$	$\Phi_{3780}\ \Phi_{1890}\ \Phi_{945}\ \Phi_{35}$
133784	1752	1716	$\frac{6}{143}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{137}{429}$	$\Phi_{1716}^2\ \Phi_{858}^2\ \Phi_{156}^2\ \Phi_{132}^2\ \Phi_{78}^2\ \Phi_{66}^2\ \Phi_{52}\ \Phi_{26}\ \Phi_{12}^2\ \Phi_6^2$
133785	1752	792	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{15}{88}$	$\frac{7}{22}$	$\Phi_{792}^3\ \Phi_{396}^3\ \Phi_{264}^3\ \Phi_{198}\ \Phi_{132}^3\ \Phi_{99}\ \Phi_{72}^3\ \Phi_{66}\ \Phi_{36}^3\ \Phi_{33}\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{12}^3\ \Phi_6$
133786	1752	2457	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{43}{189}$	$\frac{20}{63}$	$\Phi_{2457}\ \Phi_{351}\ \Phi_{273}\ \Phi_{91}\ \Phi_{39}$
133787	1752	3420	$\frac{14}{285}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{271}{855}$	$\Phi_{3420}\ \Phi_{1710}\ \Phi_{684}\ \Phi_{342}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
133788	1752	1365	$\frac{1}{13}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{32}{105}$	$\Phi_{1365}^2\ \Phi_{273}^2\ \Phi_{195}^2\ \Phi_{91}\ \Phi_{39}^2$
133789	1752	1748	$\frac{3}{76}$	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{1748}\ \Phi_{874}\ \Phi_{437}\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{23}\ \Phi_{19}^2\ \Phi_1^2$
133790	1752	2208	$\frac{1}{24}$	$\frac{2}{23}$	$\frac{23}{96}$	$\frac{7}{23}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{368}\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_1^2$
133791	1752	2070	$\frac{1}{18}$	$\frac{2}{23}$	$\frac{17}{90}$	$\frac{7}{23}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{115}\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{23}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
133792	1752	1794	$\frac{5}{78}$	$\frac{2}{23}$	$\frac{1}{6}$	$\frac{7}{23}$	$\Phi_{1794}\ \Phi_{897}\ \Phi_{598}\ \Phi_{299}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{23}\ \Phi_{13}^2\ \Phi_1^2$
133793	1752	1932	$\frac{1}{12}$	$\frac{2}{23}$	$\frac{11}{84}$	$\frac{7}{23}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{161}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{23}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
133794	1752	1840	$\frac{2}{23}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{7}{23}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{368}\ \Phi_{230}\ \Phi_{115}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
133795	1752	1863	$\frac{2}{23}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{7}{23}$	$\Phi_{1863}\ \Phi_{621}\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_{23}\ \Phi_1^2$
133796	1752	720	$\frac{7}{80}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{3}{10}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{120}^3\ \Phi_{90}\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{45}\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^3\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
133797	1752	153	$\frac{7}{153}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{153}^{12}\ \Phi_{51}^{12}\ \Phi_{17}^{7}\ \Phi_{9}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{8}$
133798	1752	85	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{12}{85}$	$\frac{5}{17}$	$\Phi_{85}^{24}\ \Phi_{17}^{7}\ \Phi_{5}^{24}\ \Phi_{1}^{8}$
133799	1752	103	$\frac{3}{103}$	$\frac{13}{103}$	$\frac{25}{103}$	$\frac{30}{103}$	$\Phi_{103}^{17}\ \Phi_{1}^{18}$
133800	1752	103	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{13}{103}$	$\frac{30}{103}$	$\Phi_{103}^{17}\ \Phi_{1}^{18}$
133801	1752	3276	$\frac{1}{39}$	$\frac{38}{273}$	$\frac{1}{4}$	$\frac{235}{819}$	$\Phi_{3276}\ \Phi_{1638}\ \Phi_{468}\ \Phi_{252}\ \Phi_{234}\ \Phi_{156}\ \Phi_{126}\ \Phi_{78}\ \Phi_{52}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
133802	1752	102	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{5}{34}$	$\frac{29}{102}$	$\Phi_{102}^{24}\ \Phi_{51}^{24}\ \Phi_{17}^{7}\ \Phi_{6}^{24}\ \Phi_{3}^{24}\ \Phi_{1}^{8}$
133803	1752	1620	$\frac{1}{45}$	$\frac{22}{135}$	$\frac{1}{4}$	$\frac{113}{405}$	$\Phi_{1620}^{2}\ \Phi_{810}^{2}\ \Phi_{324}^{2}\ \Phi_{180}\ \Phi_{162}^{2}\ \Phi_{90}\ \Phi_{60}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
133804	1752	825	$\frac{2}{75}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{825}^{2}\ \Phi_{275}^{2}\ \Phi_{165}^{2}\ \Phi_{75}^{4}\ \Phi_{55}\ \Phi_{33}^{2}\ \Phi_{25}^{4}\ \Phi_{15}^{4}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
133805	1752	957	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{957}^{2}\ \Phi_{319}\ \Phi_{87}^{4}\ \Phi_{33}^{2}\ \Phi_{29}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
133806	1752	900	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{19}{100}$	$\frac{27}{100}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}^{2}\ \Phi_{225}^{2}\ \Phi_{180}^{3}\ \Phi_{150}^{2}\ \Phi_{90}^{3}\ \Phi_{75}^{2}\ \Phi_{60}^{3}\ \Phi_{45}^{3}\ \Phi_{36}^{3}\ \Phi_{30}^{3}\ \Phi_{18}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
133807	1752	515	$\frac{3}{103}$	$\frac{77}{515}$	$\frac{25}{103}$	$\frac{26}{103}$	$\Phi_{515}^{4}\ \Phi_{103}\ \Phi_{5}^{4}\ \Phi_{1}^{2}$
133808	1752	780	$\frac{1}{65}$	$\frac{16}{65}$	$\frac{1}{4}$	$\frac{49}{195}$	$\Phi_{780}^{4}\ \Phi_{390}^{4}\ \Phi_{260}\ \Phi_{156}^{4}\ \Phi_{130}\ \Phi_{78}^{4}\ \Phi_{60}^{4}\ \Phi_{52}\ \Phi_{30}^{4}\ \Phi_{26}\ \Phi_{20}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{6}^{4}$
133809	1752	684	$\frac{3}{76}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{684}^{3}\ \Phi_{342}^{3}\ \Phi_{228}^{3}\ \Phi_{171}^{3}\ \Phi_{114}^{3}\ \Phi_{57}^{3}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
133810	1752	180	$\frac{1}{45}$	$\frac{17}{90}$	$\frac{11}{45}$	$\frac{1}{4}$	$\Phi_{180}^{13}\ \Phi_{90}^{5}\ \Phi_{60}^{13}\ \Phi_{45}^{8}\ \Phi_{36}^{13}\ \Phi_{30}^{5}\ \Phi_{20}^{13}\ \Phi_{18}^{5}\ \Phi_{15}^{8}\ \Phi_{12}^{13}\ \Phi_{10}^{5}\ \Phi_{9}^{8}\ \Phi_{6}^{5}\ \Phi_{5}^{8}\ \Phi_{4}^{12}\ \Phi_{3}^{8}\ \Phi_{2}^{4}\ \Phi_{1}^{8}$
133811	1752	288	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{23}{96}$	$\frac{1}{4}$	$\Phi_{288}^{9}\ \Phi_{144}^{9}\ \Phi_{96}^{6}\ \Phi_{48}^{6}\ \Phi_{36}\ \Phi_{32}^{6}\ \Phi_{18}\ \Phi_{16}^{6}\ \Phi_{12}\ \Phi_{6}$
133812	1752	156	$\frac{5}{78}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{156}^{16}\ \Phi_{78}^{8}\ \Phi_{52}^{13}\ \Phi_{39}^{8}\ \Phi_{26}^{5}\ \Phi_{13}^{8}\ \Phi_{12}^{16}\ \Phi_{6}^{8}\ \Phi_{4}^{12}\ \Phi_{3}^{8}\ \Phi_{2}^{4}\ \Phi_{1}^{8}$
133813	1752	612	$\frac{7}{153}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{612}^{4}\ \Phi_{306}^{4}\ \Phi_{204}^{4}\ \Phi_{102}^{4}\ \Phi_{68}^{4}\ \Phi_{36}\ \Phi_{34}^{4}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
133814	1752	1748	$\frac{3}{76}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{1748}\ \Phi_{874}\ \Phi_{437}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{23}\ \Phi_{19}^{2}\ \Phi_{1}^{2}$
133815	1752	300	$\frac{2}{75}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{300}^{8}\ \Phi_{150}^{8}\ \Phi_{100}^{8}\ \Phi_{60}^{8}\ \Phi_{50}^{8}\ \Phi_{30}^{8}\ \Phi_{20}^{5}\ \Phi_{12}^{8}\ \Phi_{10}^{5}\ \Phi_{6}^{8}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
133816	1752	2900	$\frac{4}{145}$	$\frac{141}{725}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2900}\ \Phi_{1450}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
133817	1752	1740	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1740}^{2}\ \Phi_{870}^{2}\ \Phi_{580}\ \Phi_{290}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
133818	1752	2660	$\frac{3}{76}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{665}\ \Phi_{35}$
133819	1752	180	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{17}{90}$	$\frac{1}{4}$	$\Phi_{180}^{16}\ \Phi_{90}^{8}\ \Phi_{60}^{16}\ \Phi_{45}^{8}\ \Phi_{36}\ \Phi_{30}^{8}\ \Phi_{20}^{16}\ \Phi_{18}\ \Phi_{15}^{8}\ \Phi_{12}\ \Phi_{10}^{8}\ \Phi_{6}\ \Phi_{5}^{8}$
133820	1752	2860	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{131}{715}$	$\frac{1}{4}$	$\Phi_{2860}\ \Phi_{1430}\ \Phi_{260}\ \Phi_{220}\ \Phi_{130}\ \Phi_{110}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
133821	1752	156	$\frac{5}{78}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{4}$	$\Phi_{156}^{15}\ \Phi_{78}^{7}\ \Phi_{52}^{15}\ \Phi_{39}^{8}\ \Phi_{26}^{7}\ \Phi_{13}^{8}\ \Phi_{12}^{15}\ \Phi_{6}^{7}\ \Phi_{4}^{14}\ \Phi_{3}^{8}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
133822	1752	468	$\frac{5}{78}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{468}^{6}\ \Phi_{234}^{3}\ \Phi_{156}^{4}\ \Phi_{117}^{3}\ \Phi_{78}^{2}\ \Phi_{52}^{4}\ \Phi_{39}^{2}\ \Phi_{36}\ \Phi_{26}^{2}\ \Phi_{18}\ \Phi_{13}^{2}\ \Phi_{12}\ \Phi_{6}$
133823	1752	252	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{84}$	$\frac{1}{4}$	$\Phi_{252}^{9}\ \Phi_{126}^{9}\ \Phi_{84}^{6}\ \Phi_{63}^{9}\ \Phi_{42}^{6}\ \Phi_{36}\ \Phi_{28}^{6}\ \Phi_{21}^{6}\ \Phi_{18}\ \Phi_{14}^{6}\ \Phi_{12}\ \Phi_{7}^{6}\ \Phi_{6}$
133824	1752	720	$\frac{7}{80}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{3}\ \Phi_{180}^{3}\ \Phi_{144}^{3}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{45}^{3}\ \Phi_{36}\ \Phi_{30}^{3}\ \Phi_{18}\ \Phi_{15}^{3}\ \Phi_{12}\ \Phi_{6}$
133825	1752	324	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{4}$	$\Phi_{324}^{8}\ \Phi_{162}^{8}\ \Phi_{108}^{8}\ \Phi_{54}^{8}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
133826	1752	2208	$\frac{1}{24}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{23}{96}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{368}\ \Phi_{96}^{2}\ \Phi_{48}^{2}\ \Phi_{32}^{2}\ \Phi_{23}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
133827	1752	3360	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{23}{96}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{35}$
133828	1752	85	$\frac{1}{17}$	$\frac{12}{85}$	$\frac{13}{85}$	$\frac{4}{17}$	$\Phi_{85}^{20}\ \Phi_{17}^{23}\ \Phi_{5}^{20}\ \Phi_{1}^{24}$
133829	1752	272	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{53}{272}$	$\frac{15}{68}$	$\Phi_{272}^{8}\ \Phi_{136}^{8}\ \Phi_{17}^{7}\ \Phi_{16}^{8}\ \Phi_{8}^{8}\ \Phi_{1}^{8}$
133830	1752	2520	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{70}$	$\frac{61}{280}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{120}\ \Phi_{90}\ \Phi_{84}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
133831	1752	2070	$\frac{1}{18}$	$\frac{3}{23}$	$\frac{17}{90}$	$\frac{5}{23}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{115}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{23}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
133832	1752	1794	$\frac{5}{78}$	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{5}{23}$	$\Phi_{1794}\ \Phi_{897}\ \Phi_{598}\ \Phi_{299}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{23}\ \Phi_{13}^2\ \Phi_1^2$
133833	1752	1932	$\frac{1}{12}$	$\frac{3}{23}$	$\frac{11}{84}$	$\frac{5}{23}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{161}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{23}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
133834	1752	1840	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{3}{23}$	$\frac{5}{23}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{368}\ \Phi_{230}\ \Phi_{115}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
133835	1752	1863	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{3}{23}$	$\frac{5}{23}$	$\Phi_{1863}\ \Phi_{621}\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_{23}\ \Phi_1^2$
133836	1752	1092	$\frac{1}{13}$	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{273}^2\ \Phi_{156}^2\ \Phi_{91}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2$
133837	1752	630	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{17}{90}$	$\frac{1}{5}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{126}^4\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_7^4$
133838	1752	2730	$\frac{5}{78}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{910}\ \Phi_{455}\ \Phi_{35}$
133839	1752	420	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^5\ \Phi_{105}^5\ \Phi_{70}^5\ \Phi_{60}^6\ \Phi_{35}^6\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{10}^6\ \Phi_5^6$
133840	1752	560	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{560}^4\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^4\ \Phi_{70}^3\ \Phi_{56}^4\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_7^4$
133841	1752	2835	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{2835}\ \Phi_{945}\ \Phi_{35}$
133842	1752	2275	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{29}{175}$	$\frac{6}{35}$	$\Phi_{2275}\ \Phi_{325}\ \Phi_{91}$
133843	1753	2340	$\frac{2}{585}$	$\frac{587}{2340}$	$\frac{1}{3}$	$\frac{583}{1170}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{585}\ \Phi_{468}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{156}\ \Phi_{117}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{45}\ \Phi_{39}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
133844	1753	3492	$\frac{7}{1746}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1739}{3492}$	$\Phi_{3492}\ \Phi_{1164}\ \Phi_{388}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
133845	1753	3488	$\frac{9}{1744}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1735}{3488}$	$\Phi_{3488}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
133846	1753	2106	$\frac{2}{351}$	$\frac{353}{2106}$	$\frac{1}{3}$	$\frac{349}{702}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{351}\ \Phi_{162}\ \Phi_{117}\ \Phi_{81}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_9\ \Phi_1$
133847	1753	3480	$\frac{13}{1740}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1727}{3480}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{696}\ \Phi_{232}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
133848	1753	1950	$\frac{2}{195}$	$\frac{197}{1950}$	$\frac{1}{3}$	$\frac{193}{390}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{325}\ \Phi_{195}\ \Phi_{150}\ \Phi_{75}\ \Phi_{65}\ \Phi_{50}\ \Phi_{39}\ \Phi_{25}\ \Phi_{15}\ \Phi_{13}\ \Phi_5\ \Phi_1$
133849	1753	3456	$\frac{25}{1728}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{1703}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
133850	1753	3456	$\frac{25}{1728}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1703}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{27}\ \Phi_9\ \Phi_1$
133851	1753	3456	$\frac{25}{1728}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1703}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
133852	1753	3456	$\frac{25}{1728}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1703}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
133853	1753	1890	$\frac{2}{135}$	$\frac{137}{1890}$	$\frac{1}{3}$	$\frac{133}{270}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_1$
133854	1753	1872	$\frac{2}{117}$	$\frac{119}{1872}$	$\frac{1}{3}$	$\frac{115}{234}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
133855	1753	2352	$\frac{11}{588}$	$\frac{1}{12}$	$\frac{599}{2352}$	$\frac{577}{1176}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{112}\ \Phi_{98}\ \Phi_{84}\ \Phi_{49}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
133856	1753	3440	$\frac{33}{1720}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1687}{3440}$	$\Phi_{3440}\ \Phi_{688}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
133857	1753	2112	$\frac{7}{352}$	$\frac{1}{8}$	$\frac{359}{2112}$	$\frac{345}{704}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{192}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
133858	1753	3432	$\frac{37}{1716}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1679}{3432}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{264}\ \Phi_{104}\ \Phi_{88}\ \Phi_{39}\ \Phi_{24}\ \Phi_{13}\ \Phi_8\ \Phi_1$
133859	1753	3420	$\frac{43}{1710}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{1667}{3420}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{228}\ \Phi_{180}\ \Phi_{76}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
133860	1753	2592	$\frac{25}{864}$	$\frac{1}{24}$	$\frac{839}{2592}$	$\frac{23}{48}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
133861	1753	1824	$\frac{71}{1824}$	$\frac{1}{24}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
133862	1753	2304	$\frac{1}{24}$	$\frac{25}{576}$	$\frac{551}{2304}$	$\frac{23}{48}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
133863	1753	2160	$\frac{1}{24}$	$\frac{25}{432}$	$\frac{407}{2160}$	$\frac{23}{48}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
133864	1753	1872	$\frac{1}{24}$	$\frac{119}{1872}$	$\frac{25}{144}$	$\frac{23}{48}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
133865	1753	2016	$\frac{1}{24}$	$\frac{25}{288}$	$\frac{263}{2016}$	$\frac{23}{48}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
133866	1753	1920	$\frac{1}{24}$	$\frac{167}{1920}$	$\frac{25}{192}$	$\frac{23}{48}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
133867	1753	3360	$\frac{73}{1680}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1607}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
133868	1753	3360	$\frac{73}{1680}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1607}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
133869	1753	2016	$\frac{11}{252}$	$\frac{1}{12}$	$\frac{263}{2016}$	$\frac{241}{504}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
133870	1753	1920	$\frac{7}{160}$	$\frac{167}{1920}$	$\frac{1}{8}$	$\frac{153}{320}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
133871	1753	1800	$\frac{47}{1800}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
133872	1753	3344	$\frac{81}{1672}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1591}{3344}$	$\Phi_{3344}\ \Phi_{304}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
133873	1753	1794	$\frac{41}{1794}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{1794}\ \Phi_{897}\ \Phi_{598}\ \Phi_{299}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{39}\ \Phi_{23}\ \Phi_{13}\ \Phi_1$
133874	1753	3276	$\frac{2}{117}$	$\frac{115}{1638}$	$\frac{1}{3}$	$\frac{1523}{3276}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}\ \Phi_{156}\ \Phi_{117}\ \Phi_{84}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{28}\ \Phi_{13}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
133875	1753	1782	$\frac{29}{1782}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{162}\ \Phi_{99}\ \Phi_{81}\ \Phi_{66}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_9\ \Phi_1$
133876	1753	3240	$\frac{2}{135}$	$\frac{133}{1620}$	$\frac{1}{3}$	$\frac{1487}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
133877	1753	3200	$\frac{7}{160}$	$\frac{153}{1600}$	$\frac{1}{8}$	$\frac{1447}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
133878	1753	3168	$\frac{7}{176}$	$\frac{169}{1584}$	$\frac{1}{8}$	$\frac{1415}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{176}\ \Phi_{96}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
133879	1753	3120	$\frac{2}{195}$	$\frac{193}{1560}$	$\frac{1}{3}$	$\frac{1367}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{195}\ \Phi_{80}\ \Phi_{65}\ \Phi_{48}\ \Phi_{39}\ \Phi_{16}\ \Phi_{15}\ \Phi_{13}\ \Phi_5\ \Phi_1$
133880	1753	1848	$\frac{95}{1848}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{168}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_1$
133881	1753	1770	$\frac{17}{1770}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{590}\ \Phi_{354}\ \Phi_{295}\ \Phi_{177}\ \Phi_{118}\ \Phi_{59}\ \Phi_{15}\ \Phi_5\ \Phi_1$
133882	1753	3024	$\frac{11}{252}$	$\frac{1}{12}$	$\frac{241}{1512}$	$\frac{1271}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
133883	1753	2190	$\frac{1}{73}$	$\frac{72}{365}$	$\frac{437}{2190}$	$\frac{293}{730}$	$\Phi_{2190}\ \Phi_{1095}\ \Phi_{438}\ \Phi_{365}\ \Phi_{219}\ \Phi_{30}\ \Phi_{15}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
133884	1753	2920	$\frac{1}{73}$	$\frac{72}{365}$	$\frac{293}{1460}$	$\frac{1167}{2920}$	$\Phi_{2920}\ \Phi_{584}\ \Phi_{365}\ \Phi_{40}\ \Phi_8\ \Phi_5\ \Phi_1$
133885	1753	1792	$\frac{39}{1792}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
133886	1753	1764	$\frac{11}{1764}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}\ \Phi_{147}\ \Phi_{126}\ \Phi_{98}\ \Phi_{84}\ \Phi_{63}\ \Phi_{49}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
133887	1753	2816	$\frac{7}{352}$	$\frac{1}{8}$	$\frac{345}{1408}$	$\frac{1063}{2816}$	$\Phi_{2816}\ \Phi_{352}\ \Phi_{256}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
133888	1753	2808	$\frac{2}{351}$	$\frac{349}{1404}$	$\frac{1}{3}$	$\frac{1055}{2808}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{351}\ \Phi_{312}\ \Phi_{216}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{39}\ \Phi_{27}\ \Phi_{24}\ \Phi_{13}\ \Phi_9\ \Phi_8\ \Phi_1$
133889	1753	1800	$\frac{47}{1800}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
133890	1753	2640	$\frac{7}{440}$	$\frac{1}{8}$	$\frac{433}{1320}$	$\frac{887}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{440}\ \Phi_{240}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{48}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{16}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
133891	1753	2628	$\frac{1}{219}$	$\frac{218}{657}$	$\frac{875}{2628}$	$\frac{439}{1314}$	$\Phi_{2628}\ \Phi_{876}\ \Phi_{657}\ \Phi_{292}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
133892	1753	2619	$\frac{7}{873}$	$\frac{2}{9}$	$\frac{866}{2619}$	$\frac{1}{3}$	$\Phi_{2619}\ \Phi_{27}\ \Phi_9\ \Phi_1$
133893	1753	2025	$\frac{2}{135}$	$\frac{272}{2025}$	$\frac{133}{405}$	$\frac{1}{3}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
133894	1753	2610	$\frac{13}{870}$	$\frac{2}{15}$	$\frac{857}{2610}$	$\frac{1}{3}$	$\Phi_{2610}\ \Phi_{1305}\ \Phi_{522}\ \Phi_{261}\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
133895	1753	2592	$\frac{25}{864}$	$\frac{2}{27}$	$\frac{839}{2592}$	$\frac{1}{3}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
133896	1753	2574	$\frac{37}{858}$	$\frac{2}{39}$	$\frac{821}{2574}$	$\frac{1}{3}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{234}\ \Phi_{198}\ \Phi_{117}\ \Phi_{99}\ \Phi_{39}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
133897	1753	2565	$\frac{2}{45}$	$\frac{43}{855}$	$\frac{812}{2565}$	$\frac{1}{3}$	$\Phi_{2565}\ \Phi_{513}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
133898	1753	2457	$\frac{2}{117}$	$\frac{115}{819}$	$\frac{704}{2457}$	$\frac{1}{3}$	$\Phi_{2457}\ \Phi_{351}\ \Phi_{189}\ \Phi_{117}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
133899	1753	2430	$\frac{2}{135}$	$\frac{133}{810}$	$\frac{677}{2430}$	$\frac{1}{3}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{486}\ \Phi_{243}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
133900	1753	2340	$\frac{2}{195}$	$\frac{193}{780}$	$\frac{587}{2340}$	$\frac{1}{3}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{234}\ \Phi_{195}\ \Phi_{180}\ \Phi_{117}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{36}\ \Phi_{18}\ \Phi_{15}\ \Phi_{13}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
133901	1753	2160	$\frac{2}{135}$	$\frac{407}{2160}$	$\frac{133}{540}$	$\frac{1}{3}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
133902	1753	1872	$\frac{2}{39}$	$\frac{119}{1872}$	$\frac{37}{156}$	$\frac{1}{3}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{13}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
133903	1753	1836	$\frac{83}{1836}$	$\frac{2}{27}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{27}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
133904	1753	1800	$\frac{47}{1800}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
133905	1753	2175	$\frac{13}{435}$	$\frac{2}{15}$	$\frac{422}{2175}$	$\frac{1}{3}$	$\Phi_{2175}\ \Phi_{725}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
133906	1753	2160	$\frac{25}{432}$	$\frac{2}{27}$	$\frac{407}{2160}$	$\frac{1}{3}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
133907	1753	2145	$\frac{2}{39}$	$\frac{37}{429}$	$\frac{392}{2145}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{195}\ \Phi_{165}\ \Phi_{65}\ \Phi_{55}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}$
133908	1753	1944	$\frac{2}{27}$	$\frac{191}{1944}$	$\frac{25}{216}$	$\frac{1}{3}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
133909	1753	2592	$\frac{25}{864}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{839}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
133910	1753	2592	$\frac{25}{864}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{839}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
133911	1753	2112	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{359}{2112}$	$\frac{169}{528}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{176}\ \Phi_{96}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
133912	1753	2268	$\frac{11}{252}$	$\frac{1}{12}$	$\frac{515}{2268}$	$\frac{241}{756}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{252}\ \Phi_{162}\ \Phi_{126}\ \Phi_{84}\ \Phi_{81}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
133913	1753	2304	$\frac{25}{576}$	$\frac{1}{12}$	$\frac{551}{2304}$	$\frac{11}{36}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
133914	1753	1836	$\frac{83}{1836}$	$\frac{1}{12}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
133915	1753	2160	$\frac{25}{432}$	$\frac{1}{12}$	$\frac{407}{2160}$	$\frac{11}{36}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
133916	1753	1872	$\frac{119}{1872}$	$\frac{1}{12}$	$\frac{25}{144}$	$\frac{11}{36}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
133917	1753	2016	$\frac{1}{12}$	$\frac{25}{288}$	$\frac{263}{2016}$	$\frac{11}{36}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
133918	1753	1944	$\frac{1}{12}$	$\frac{191}{1944}$	$\frac{25}{216}$	$\frac{11}{36}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
133919	1753	2520	$\frac{1}{12}$	$\frac{73}{840}$	$\frac{11}{84}$	$\frac{767}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
133920	1753	1920	$\frac{167}{1920}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{240}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
133921	1753	2400	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{153}{800}$	$\frac{647}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{160}\ \Phi_{150}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
133922	1753	1824	$\frac{71}{1824}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{16}\ \Phi_{1}$
133923	1753	2304	$\frac{25}{576}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{551}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
133924	1753	2016	$\frac{25}{288}$	$\frac{1}{8}$	$\frac{263}{2016}$	$\frac{7}{32}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
133925	1753	1920	$\frac{167}{1920}$	$\frac{1}{8}$	$\frac{25}{192}$	$\frac{7}{32}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
133926	1753	2240	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{560}$	$\frac{487}{2240}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
133927	1753	2016	$\frac{1}{12}$	$\frac{263}{2016}$	$\frac{11}{84}$	$\frac{73}{336}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
133928	1753	2100	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{347}{2100}$	$\frac{73}{420}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{50}\ \Phi_{42}\ \Phi_{28}\ \Phi_{25}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
133929	1755	1400	$\frac{1}{350}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{349}{700}$	$\Phi_{1400}^2\ \Phi_{700}\ \Phi_{280}^2\ \Phi_{200}^2\ \Phi_{140}\ \Phi_{100}\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{28}\ \Phi_{20}\ \Phi_8^3\ \Phi_4\ \Phi_1$
133930	1755	1552	$\frac{1}{194}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{193}{388}$	$\Phi_{1552}^2\ \Phi_{388}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
133931	1755	388	$\frac{1}{194}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{193}{388}$	$\Phi_{388}^5\ \Phi_{194}^4\ \Phi_{97}^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
133932	1755	1608	$\frac{1}{134}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{133}{268}$	$\Phi_{1608}^2\ \Phi_{536}^2\ \Phi_{268}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
133933	1755	4020	$\frac{1}{134}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{133}{268}$	$\Phi_{4020}\ \Phi_{1340}\ \Phi_{268}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_5\ \Phi_4\ \Phi_1$
133934	1755	2412	$\frac{1}{134}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{133}{268}$	$\Phi_{2412}^2\ \Phi_{268}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
133935	1755	1072	$\frac{1}{134}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{133}{268}$	$\Phi_{1072}^2\ \Phi_{536}^2\ \Phi_{268}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
133936	1755	1624	$\frac{1}{116}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{115}{232}$	$\Phi_{1624}^2\ \Phi_{232}^3\ \Phi_{56}^2\ \Phi_{28}\ \Phi_8^3\ \Phi_4\ \Phi_1$
133937	1755	1624	$\frac{1}{116}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{115}{232}$	$\Phi_{1624}^2\ \Phi_{232}^3\ \Phi_{56}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
133938	1755	696	$\frac{1}{116}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{115}{232}$	$\Phi_{696}^6\ \Phi_{232}^3\ \Phi_{24}^6\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
133939	1755	1664	$\frac{1}{64}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{63}{128}$	$\Phi_{1664}^2\ \Phi_{128}^3\ \Phi_{52}\ \Phi_4\ \Phi_1$
133940	1755	1664	$\frac{1}{64}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{63}{128}$	$\Phi_{1664}^2\ \Phi_{128}^3\ \Phi_{13}^2\ \Phi_1^3$
133941	1755	640	$\frac{1}{64}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{63}{128}$	$\Phi_{640}^6\ \Phi_{128}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
133942	1755	2064	$\frac{7}{344}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{337}{688}$	$\Phi_{2064}^2\ \Phi_{688}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
133943	1755	1672	$\frac{1}{44}$	$\frac{1}{38}$	$\frac{37}{76}$	$\frac{43}{88}$	$\Phi_{1672}^2\ \Phi_{152}^2\ \Phi_{88}^3\ \Phi_{76}\ \Phi_8^3\ \Phi_4\ \Phi_1$
133944	1755	1672	$\frac{1}{44}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{43}{88}$	$\Phi_{1672}^2\ \Phi_{152}^2\ \Phi_{88}^3\ \Phi_{19}^2\ \Phi_8^3\ \Phi_1^3$
133945	1755	616	$\frac{1}{44}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{43}{88}$	$\Phi_{616}^6\ \Phi_{88}^3\ \Phi_{56}^6\ \Phi_{28}^2\ \Phi_{14}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
133946	1755	836	$\frac{1}{38}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{37}{76}$	$\Phi_{836}^4\ \Phi_{76}^5\ \Phi_{44}^4\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
133947	1755	304	$\frac{1}{38}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{37}{76}$	$\Phi_{304}^6\ \Phi_{152}^6\ \Phi_{76}^5\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{16}^9\ \Phi_8^9\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
133948	1755	836	$\frac{1}{38}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{37}{76}$	$\Phi_{836}^4\ \Phi_{76}^5\ \Phi_{44}^4\ \Phi_{11}^4\ \Phi_4^5\ \Phi_1^5$
133949	1755	1140	$\frac{1}{38}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{37}{76}$	$\Phi_{1140}^4\ \Phi_{380}^2\ \Phi_{228}^2\ \Phi_{76}\ \Phi_{60}^4\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
133950	1755	2046	$\frac{10}{341}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{331}{682}$	$\Phi_{2046}\ \Phi_{1023}\ \Phi_{341}\ \Phi_{186}\ \Phi_{93}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{31}\ \Phi_{22}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
133951	1755	384	$\frac{1}{32}$	$\frac{11}{128}$	$\frac{1}{6}$	$\frac{31}{64}$	$\Phi_{384}^6\ \Phi_{192}^4\ \Phi_{128}^3\ \Phi_{96}^6\ \Phi_{64}^2\ \Phi_{48}^6\ \Phi_{32}^3\ \Phi_{24}^6\ \Phi_{16}^3\ \Phi_{12}^6\ \Phi_8^3\ \Phi_6^5\ \Phi_4^3\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
133952	1755	252	$\frac{2}{63}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{252}^7\ \Phi_{126}^6\ \Phi_{84}^8\ \Phi_{63}^7\ \Phi_{42}^7\ \Phi_{36}^7\ \Phi_{28}^7\ \Phi_{21}^8\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_{12}^8\ \Phi_9^7\ \Phi_7^7\ \Phi_6^7\ \Phi_4^7\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
133953	1755	630	$\frac{2}{63}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{61}{126}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{105}^3\ \Phi_{90}^3\ \Phi_{70}^4\ \Phi_{63}^3\ \Phi_{45}^3\ \Phi_{35}^4\ \Phi_{30}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{14}\ \Phi_{10}^3\ \Phi_9^3\ \Phi_7^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^3$
133954	1755	1120	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{29}{224}$	$\frac{27}{56}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{224}\ \Phi_{160}^2\ \Phi_{140}^2\ \Phi_{112}\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
133955	1755	1248	$\frac{1}{32}$	$\frac{1}{26}$	$\frac{31}{96}$	$\frac{25}{52}$	$\Phi_{1248}^2\ \Phi_{624}^2\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{96}^3\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{48}^3\ \Phi_{39}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
133956	1755	884	$\frac{1}{26}$	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{884}^2\ \Phi_{442}^2\ \Phi_{221}^2\ \Phi_{68}^3\ \Phi_{52}\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_4\ \Phi_1$
133957	1755	208	$\frac{1}{26}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{25}{52}$	$\Phi_{208}^8\ \Phi_{104}^8\ \Phi_{52}^9\ \Phi_{26}^8\ \Phi_{16}^{12}\ \Phi_{13}^8\ \Phi_8^{12}\ \Phi_4^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
133958	1755	1092	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{25}{52}$	$\Phi_{1092}^4\ \Phi_{364}^2\ \Phi_{156}^2\ \Phi_{84}^4\ \Phi_{52}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
133959	1755	936	$\frac{1}{26}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{25}{52}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{72}^3\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
133960	1755	672	$\frac{5}{112}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{107}{224}$	$\Phi_{672}^{6}\ \Phi_{224}^{3}\ \Phi_{96}^{6}\ \Phi_{48}^{2}\ \Phi_{32}^{3}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
133961	1755	616	$\frac{1}{28}$	$\frac{1}{22}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{616}^{4}\ \Phi_{308}^{2}\ \Phi_{154}^{2}\ \Phi_{88}^{3}\ \Phi_{77}^{2}\ \Phi_{56}^{4}\ \Phi_{44}^{2}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_{8}^{3}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
133962	1755	1792	$\frac{7}{128}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{121}{256}$	$\Phi_{1792}^{2}\ \Phi_{256}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
133963	1755	660	$\frac{1}{22}$	$\frac{7}{110}$	$\frac{1}{6}$	$\frac{103}{220}$	$\Phi_{660}^{6}\ \Phi_{220}^{3}\ \Phi_{132}^{6}\ \Phi_{66}^{2}\ \Phi_{60}^{6}\ \Phi_{44}^{3}\ \Phi_{33}^{2}\ \Phi_{22}\ \Phi_{20}^{3}\ \Phi_{12}^{6}\ \Phi_{11}\ \Phi_{6}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
133964	1755	812	$\frac{1}{58}$	$\frac{1}{14}$	$\frac{19}{58}$	$\frac{13}{28}$	$\Phi_{812}^{4}\ \Phi_{116}^{4}\ \Phi_{58}^{2}\ \Phi_{29}^{2}\ \Phi_{28}^{5}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133965	1755	280	$\frac{1}{40}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{280}^{6}\ \Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{56}^{6}\ \Phi_{40}^{9}\ \Phi_{35}^{6}\ \Phi_{28}^{5}\ \Phi_{20}^{9}\ \Phi_{14}^{4}\ \Phi_{10}^{9}\ \Phi_{8}^{9}\ \Phi_{7}^{4}\ \Phi_{5}^{9}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
133966	1755	4060	$\frac{1}{29}$	$\frac{1}{14}$	$\frac{28}{145}$	$\frac{13}{28}$	$\Phi_{4060}\ \Phi_{580}\ \Phi_{145}\ \Phi_{140}\ \Phi_{28}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
133967	1755	812	$\frac{2}{29}$	$\frac{1}{14}$	$\frac{3}{29}$	$\frac{13}{28}$	$\Phi_{812}^{4}\ \Phi_{116}^{4}\ \Phi_{29}^{4}\ \Phi_{28}^{5}\ \Phi_{4}^{5}\ \Phi_{1}^{5}$
133968	1755	140	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{28}$	$\Phi_{140}^{26}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{13}\ \Phi_{20}^{26}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^{13}\ \Phi_{1}$
133969	1755	1608	$\frac{1}{67}$	$\frac{1}{12}$	$\frac{22}{67}$	$\frac{11}{24}$	$\Phi_{1608}^{2}\ \Phi_{536}^{2}\ \Phi_{67}^{2}\ \Phi_{24}^{3}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
133970	1755	552	$\frac{1}{46}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{552}^{6}\ \Phi_{184}^{6}\ \Phi_{92}^{2}\ \Phi_{46}\ \Phi_{24}^{3}\ \Phi_{23}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
133971	1755	1608	$\frac{2}{67}$	$\frac{1}{12}$	$\frac{13}{67}$	$\frac{11}{24}$	$\Phi_{1608}^{2}\ \Phi_{536}^{2}\ \Phi_{67}^{2}\ \Phi_{24}^{3}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
133972	1755	168	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{168}^{20}\ \Phi_{84}^{2}\ \Phi_{56}^{20}\ \Phi_{42}^{2}\ \Phi_{28}\ \Phi_{24}^{15}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{8}^{15}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
133973	1755	1608	$\frac{4}{67}$	$\frac{1}{12}$	$\frac{7}{67}$	$\frac{11}{24}$	$\Phi_{1608}^{2}\ \Phi_{536}^{2}\ \Phi_{67}^{2}\ \Phi_{24}^{3}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
133974	1755	240	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{24}$	$\Phi_{240}^{8}\ \Phi_{120}^{6}\ \Phi_{80}^{10}\ \Phi_{60}^{8}\ \Phi_{48}^{4}\ \Phi_{40}^{8}\ \Phi_{30}^{8}\ \Phi_{24}^{3}\ \Phi_{20}^{10}\ \Phi_{16}^{5}\ \Phi_{15}^{8}\ \Phi_{12}^{4}\ \Phi_{10}^{9}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{9}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
133975	1755	1920	$\frac{1}{32}$	$\frac{31}{320}$	$\frac{1}{6}$	$\frac{289}{640}$	$\Phi_{1920}^{2}\ \Phi_{640}\ \Phi_{384}^{2}\ \Phi_{128}\ \Phi_{96}^{2}\ \Phi_{48}^{2}\ \Phi_{32}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
133976	1755	1610	$\frac{1}{46}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{322}\ \Phi_{230}^{2}\ \Phi_{161}\ \Phi_{115}^{2}\ \Phi_{46}\ \Phi_{35}\ \Phi_{23}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
133977	1755	1552	$\frac{1}{97}$	$\frac{1}{8}$	$\frac{32}{97}$	$\frac{7}{16}$	$\Phi_{1552}^{2}\ \Phi_{97}^{2}\ \Phi_{16}^{3}\ \Phi_{1}^{3}$
133978	1755	528	$\frac{1}{66}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{528}^{6}\ \Phi_{176}^{6}\ \Phi_{132}^{2}\ \Phi_{66}\ \Phi_{48}^{6}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}^{3}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
133979	1755	1552	$\frac{2}{97}$	$\frac{1}{8}$	$\frac{19}{97}$	$\frac{7}{16}$	$\Phi_{1552}^{2}\ \Phi_{97}^{2}\ \Phi_{16}^{3}\ \Phi_{1}^{3}$
133980	1755	368	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{368}^{4}\ \Phi_{184}^{6}\ \Phi_{92}^{6}\ \Phi_{46}^{5}\ \Phi_{23}^{5}\ \Phi_{16}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
133981	1755	240	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{240}^{16}\ \Phi_{120}^{2}\ \Phi_{80}^{8}\ \Phi_{60}^{2}\ \Phi_{48}^{14}\ \Phi_{40}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{16}^{7}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
133982	1755	1552	$\frac{6}{97}$	$\frac{7}{97}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1552}^{2}\ \Phi_{97}^{2}\ \Phi_{16}^{3}\ \Phi_{1}^{3}$
133983	1755	112	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{112}^{16}\ \Phi_{56}^{18}\ \Phi_{28}^{18}\ \Phi_{16}^{8}\ \Phi_{14}^{17}\ \Phi_{8}^{9}\ \Phi_{7}^{17}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
133984	1755	238	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{16}{119}$	$\frac{103}{238}$	$\Phi_{238}^{7}\ \Phi_{119}^{8}\ \Phi_{34}^{7}\ \Phi_{17}^{7}\ \Phi_{14}^{6}\ \Phi_{7}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
133985	1755	1848	$\frac{1}{44}$	$\frac{43}{308}$	$\frac{1}{6}$	$\frac{265}{616}$	$\Phi_{1848}^{2}\ \Phi_{616}\ \Phi_{264}^{2}\ \Phi_{168}^{2}\ \Phi_{132}^{2}\ \Phi_{88}\ \Phi_{66}^{2}\ \Phi_{56}\ \Phi_{44}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
133986	1755	560	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{9}{56}$	$\frac{47}{112}$	$\Phi_{560}^{6}\ \Phi_{140}^{2}\ \Phi_{112}^{3}\ \Phi_{80}^{6}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{28}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
133987	1755	504	$\frac{1}{28}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{168}^{4}\ \Phi_{126}^{4}\ \Phi_{84}^{2}\ \Phi_{72}^{3}\ \Phi_{63}^{4}\ \Phi_{56}^{4}\ \Phi_{42}^{2}\ \Phi_{36}^{3}\ \Phi_{28}\ \Phi_{24}^{3}\ \Phi_{21}^{2}\ \Phi_{18}^{3}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
133988	1755	308	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{308}^{6}\ \Phi_{154}^{6}\ \Phi_{77}^{6}\ \Phi_{44}^{6}\ \Phi_{28}^{5}\ \Phi_{22}\ \Phi_{14}^{5}\ \Phi_{11}^{5}\ \Phi_{7}^{5}\ \Phi_{4}^{5}\ \Phi_{1}^{5}$
133989	1755	1472	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{1472}^{2}\ \Phi_{184}^{2}\ \Phi_{92}^{2}\ \Phi_{64}\ \Phi_{46}\ \Phi_{23}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
133990	1755	1400	$\frac{1}{175}$	$\frac{1}{4}$	$\frac{58}{175}$	$\frac{3}{8}$	$\Phi_{1400}^{2}\ \Phi_{280}^{2}\ \Phi_{200}^{2}\ \Phi_{175}^{2}\ \Phi_{56}^{2}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{25}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
133991	1755	472	$\frac{1}{118}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{472}^{6}\ \Phi_{236}^{2}\ \Phi_{118}\ \Phi_{59}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
133992	1755	2840	$\frac{4}{355}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2840}\ \Phi_{568}\ \Phi_{355}\ \Phi_{71}\ \Phi_{8}\ \Phi_{1}$
133993	1755	280	$\frac{1}{70}$	$\frac{23}{140}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^{10}\ \Phi_{140}^{3}\ \Phi_{70}^{2}\ \Phi_{56}^{10}\ \Phi_{40}^{10}\ \Phi_{35}^{2}\ \Phi_{28}^{3}\ \Phi_{20}^{3}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{11}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
133994	1755	1056	$\frac{1}{66}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{96}^2\ \Phi_{66}\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
133995	1755	952	$\frac{2}{119}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{952}^3\ \Phi_{136}^3\ \Phi_{119}^3\ \Phi_{56}^2\ \Phi_{17}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
133996	1755	400	$\frac{1}{50}$	$\frac{49}{400}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{400}^5\ \Phi_{200}^3\ \Phi_{100}^5\ \Phi_{80}^5\ \Phi_{50}^4\ \Phi_{40}^3\ \Phi_{25}^4\ \Phi_{20}^5\ \Phi_{16}^5\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
133997	1755	1400	$\frac{4}{175}$	$\frac{19}{175}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1400}^2\ \Phi_{280}^2\ \Phi_{200}^2\ \Phi_{175}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_5^2\ \Phi_1^3$
133998	1755	40	$\frac{1}{40}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{40}^{43}\ \Phi_{20}^{45}\ \Phi_{10}^{44}\ \Phi_8^{44}\ \Phi_5^{44}\ \Phi_4^{45}\ \Phi_2^{44}\ \Phi_1^{45}$
133999	1755	3080	$\frac{1}{35}$	$\frac{34}{385}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{385}\ \Phi_{88}\ \Phi_{77}\ \Phi_{55}\ \Phi_{11}\ \Phi_8\ \Phi_1$
134000	1755	1400	$\frac{6}{175}$	$\frac{13}{175}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1400}^2\ \Phi_{280}^2\ \Phi_{200}^2\ \Phi_{175}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_5^2\ \Phi_1^3$
134001	1755	56	$\frac{1}{28}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{56}^{50}\ \Phi_{28}^{13}\ \Phi_{14}^{12}\ \Phi_8^{51}\ \Phi_7^{12}\ \Phi_4^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
134002	1755	1000	$\frac{1}{25}$	$\frac{8}{125}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1000}^3\ \Phi_{200}^2\ \Phi_{125}^3\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_1^3$
134003	1755	462	$\frac{1}{66}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}^3\ \Phi_{42}^4\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{21}^4\ \Phi_{14}\ \Phi_{11}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
134004	1755	460	$\frac{1}{46}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{460}^6\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{92}^6\ \Phi_{46}\ \Phi_{23}\ \Phi_{20}^3\ \Phi_{10}\ \Phi_5\ \Phi_4^3\ \Phi_1$
134005	1755	476	$\frac{1}{34}$	$\frac{1}{14}$	$\frac{11}{34}$	$\frac{23}{68}$	$\Phi_{476}^6\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{68}^3\ \Phi_{34}\ \Phi_{28}^6\ \Phi_{17}\ \Phi_{14}\ \Phi_7\ \Phi_4^3\ \Phi_1$
134006	1755	490	$\frac{1}{49}$	$\frac{1}{10}$	$\frac{16}{49}$	$\frac{33}{98}$	$\Phi_{490}^4\ \Phi_{245}^4\ \Phi_{98}\ \Phi_{70}^4\ \Phi_{49}^3\ \Phi_{35}^4\ \Phi_{14}\ \Phi_{10}^3\ \Phi_7^3\ \Phi_5^3\ \Phi_1^3$
134007	1755	528	$\frac{1}{88}$	$\frac{1}{6}$	$\frac{29}{88}$	$\frac{59}{176}$	$\Phi_{528}^6\ \Phi_{264}^2\ \Phi_{176}^3\ \Phi_{132}^2\ \Phi_{88}\ \Phi_{66}^2\ \Phi_{48}^6\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
134008	1755	1005	$\frac{1}{67}$	$\frac{2}{15}$	$\frac{22}{67}$	$\frac{1}{3}$	$\Phi_{1005}^2\ \Phi_{335}^2\ \Phi_{67}^2\ \Phi_{15}^3\ \Phi_5^3\ \Phi_1^3$
134009	1755	1380	$\frac{1}{46}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1380}^2\ \Phi_{690}\ \Phi_{460}^2\ \Phi_{345}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}^2\ \Phi_{60}\ \Phi_{46}\ \Phi_{23}\ \Phi_{20}\ \Phi_{15}\ \Phi_5\ \Phi_4\ \Phi_1$
134010	1755	84	$\frac{1}{28}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{84}^{21}\ \Phi_{42}^{21}\ \Phi_{28}^{20}\ \Phi_{21}^{22}\ \Phi_{14}^{20}\ \Phi_{12}^{21}\ \Phi_7^{21}\ \Phi_6^{21}\ \Phi_4^{20}\ \Phi_3^{21}\ \Phi_2^{20}\ \Phi_1^{21}$
134011	1755	504	$\frac{1}{28}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^3\ \Phi_{168}^4\ \Phi_{126}^3\ \Phi_{84}^4\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{36}^2\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^4\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
134012	1755	1005	$\frac{2}{67}$	$\frac{2}{15}$	$\frac{13}{67}$	$\frac{1}{3}$	$\Phi_{1005}^2\ \Phi_{335}^2\ \Phi_{67}^2\ \Phi_{15}^3\ \Phi_5^3\ \Phi_1^3$
134013	1755	420	$\frac{1}{28}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^5\ \Phi_{105}^5\ \Phi_{84}^2\ \Phi_{70}^5\ \Phi_{60}^5\ \Phi_{42}^2\ \Phi_{35}^5\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{20}^5\ \Phi_{15}^3\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
134014	1755	1005	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1005}^2\ \Phi_{335}^2\ \Phi_{67}^2\ \Phi_{15}^3\ \Phi_5^3\ \Phi_1^3$
134015	1755	240	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{80}^9\ \Phi_{60}^7\ \Phi_{48}^8\ \Phi_{40}^9\ \Phi_{30}^3\ \Phi_{24}^8\ \Phi_{20}^9\ \Phi_{16}^9\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_{10}^4\ \Phi_8^9\ \Phi_6^4\ \Phi_5^5\ \Phi_4^9\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
134016	1755	388	$\frac{1}{97}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{32}{97}$	$\Phi_{388}^4\ \Phi_{194}^4\ \Phi_{97}^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
134017	1755	877	$\frac{10}{877}$	$\frac{196}{877}$	$\frac{227}{877}$	$\frac{289}{877}$	$\Phi_{877}^2\ \Phi_1^3$
134018	1755	1172	$\frac{7}{586}$	$\frac{131}{586}$	$\frac{1}{4}$	$\frac{193}{586}$	$\Phi_{1172}^2\ \Phi_{586}\ \Phi_{293}\ \Phi_4\ \Phi_1$
134019	1755	1206	$\frac{1}{67}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{22}{67}$	$\Phi_{1206}^2\ \Phi_{603}^2\ \Phi_{67}^2\ \Phi_{18}^3\ \Phi_9^3\ \Phi_1^3$
134020	1755	1072	$\frac{1}{67}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{22}{67}$	$\Phi_{1072}^2\ \Phi_{536}^2\ \Phi_{67}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_1^3$
134021	1755	406	$\frac{1}{58}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{19}{58}$	$\Phi_{406}^4\ \Phi_{203}^4\ \Phi_{58}^6\ \Phi_{29}^6\ \Phi_{14}^4\ \Phi_7^6\ \Phi_2^6\ \Phi_1^9$
134022	1755	348	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{19}{58}$	$\Phi_{348}^8\ \Phi_{174}^4\ \Phi_{116}^4\ \Phi_{87}^4\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{12}^{10}\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
134023	1755	877	$\frac{16}{877}$	$\frac{118}{877}$	$\frac{253}{877}$	$\frac{287}{877}$	$\Phi_{877}^2\ \Phi_1^3$
134024	1755	1056	$\frac{7}{352}$	$\frac{1}{6}$	$\frac{79}{352}$	$\frac{115}{352}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}\ \Phi_{264}^2\ \Phi_{176}\ \Phi_{132}^2\ \Phi_{96}^2\ \Phi_{88}\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
134025	1755	877	$\frac{19}{877}$	$\frac{136}{877}$	$\frac{197}{877}$	$\frac{286}{877}$	$\Phi_{877}^2\ \Phi_1^3$
134026	1755	1172	$\frac{13}{586}$	$\frac{79}{586}$	$\frac{1}{4}$	$\frac{191}{586}$	$\Phi_{1172}^2\ \Phi_{586}\ \Phi_{293}\ \Phi_4\ \Phi_1$
134027	1755	1248	$\frac{1}{32}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{31}{96}$	$\Phi_{1248}^2\ \Phi_{624}^2\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{96}^3\ \Phi_{78}^2\ \Phi_{48}^3\ \Phi_{39}^2\ \Phi_{24}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
134028	1755	480	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{31}{96}$	$\Phi_{480}^{6}\ \Phi_{240}^{6}\ \Phi_{120}^{6}\ \Phi_{96}^{3}\ \Phi_{60}^{6}\ \Phi_{48}^{3}\ \Phi_{30}^{6}\ \Phi_{24}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{6}\ \Phi_{12}^{3}\ \Phi_{10}\ \Phi_{6}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
134029	1755	420	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{19}{84}$	$\frac{9}{28}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{140}^{2}\ \Phi_{105}^{6}\ \Phi_{84}^{3}\ \Phi_{70}^{2}\ \Phi_{60}^{6}\ \Phi_{42}^{3}\ \Phi_{35}^{2}\ \Phi_{30}^{6}\ \Phi_{28}\ \Phi_{21}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{6}\ \Phi_{14}\ \Phi_{12}^{3}\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
134030	1755	418	$\frac{1}{22}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{7}{22}$	$\Phi_{418}^{4}\ \Phi_{209}^{4}\ \Phi_{38}^{4}\ \Phi_{22}^{6}\ \Phi_{19}^{6}\ \Phi_{11}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
134031	1755	308	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{7}{22}$	$\Phi_{308}^{8}\ \Phi_{154}^{4}\ \Phi_{77}^{4}\ \Phi_{44}^{4}\ \Phi_{28}^{10}\ \Phi_{22}^{2}\ \Phi_{14}^{5}\ \Phi_{11}^{2}\ \Phi_{7}^{5}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
134032	1755	132	$\frac{1}{22}$	$\frac{5}{44}$	$\frac{1}{6}$	$\frac{7}{22}$	$\Phi_{132}^{18}\ \Phi_{66}^{14}\ \Phi_{44}^{9}\ \Phi_{33}^{14}\ \Phi_{22}^{7}\ \Phi_{12}^{18}\ \Phi_{11}^{7}\ \Phi_{6}^{13}\ \Phi_{4}^{9}\ \Phi_{3}^{13}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
134033	1755	877	$\frac{40}{877}$	$\frac{46}{877}$	$\frac{277}{877}$	$\frac{279}{877}$	$\Phi_{877}^{2}\ \Phi_{1}^{3}$
134034	1755	952	$\frac{7}{136}$	$\frac{1}{14}$	$\frac{31}{136}$	$\frac{43}{136}$	$\Phi_{952}^{2}\ \Phi_{476}^{2}\ \Phi_{238}^{2}\ \Phi_{136}\ \Phi_{119}^{2}\ \Phi_{68}\ \Phi_{56}^{2}\ \Phi_{34}\ \Phi_{28}^{2}\ \Phi_{17}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
134035	1755	304	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{304}^{6}\ \Phi_{152}^{6}\ \Phi_{76}^{4}\ \Phi_{38}^{4}\ \Phi_{19}^{6}\ \Phi_{16}^{9}\ \Phi_{8}^{9}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
134036	1755	209	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{6}{19}$	$\Phi_{209}^{8}\ \Phi_{19}^{10}\ \Phi_{11}^{12}\ \Phi_{1}^{15}$
134037	1755	570	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{6}{19}$	$\Phi_{570}^{4}\ \Phi_{285}^{4}\ \Phi_{190}^{2}\ \Phi_{114}^{2}\ \Phi_{95}^{2}\ \Phi_{57}^{2}\ \Phi_{30}^{6}\ \Phi_{19}^{2}\ \Phi_{15}^{6}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
134038	1755	944	$\frac{7}{118}$	$\frac{1}{16}$	$\frac{27}{118}$	$\frac{37}{118}$	$\Phi_{944}^{2}\ \Phi_{472}^{2}\ \Phi_{236}^{2}\ \Phi_{118}\ \Phi_{59}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
134039	1755	384	$\frac{1}{16}$	$\frac{11}{128}$	$\frac{1}{6}$	$\frac{5}{16}$	$\Phi_{384}^{6}\ \Phi_{192}^{6}\ \Phi_{128}^{3}\ \Phi_{96}^{6}\ \Phi_{64}^{3}\ \Phi_{48}^{2}\ \Phi_{32}^{3}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
134040	1755	877	$\frac{52}{877}$	$\frac{55}{877}$	$\frac{201}{877}$	$\frac{274}{877}$	$\Phi_{877}^{2}\ \Phi_{1}^{3}$
134041	1755	877	$\frac{55}{877}$	$\frac{67}{877}$	$\frac{162}{877}$	$\frac{274}{877}$	$\Phi_{877}^{2}\ \Phi_{1}^{3}$
134042	1755	1172	$\frac{31}{586}$	$\frac{37}{586}$	$\frac{1}{4}$	$\frac{183}{586}$	$\Phi_{1172}^{2}\ \Phi_{586}\ \Phi_{293}\ \Phi_{4}\ \Phi_{1}$
134043	1755	980	$\frac{13}{196}$	$\frac{1}{10}$	$\frac{27}{196}$	$\frac{61}{196}$	$\Phi_{980}^{2}\ \Phi_{490}^{2}\ \Phi_{245}^{2}\ \Phi_{196}\ \Phi_{140}^{2}\ \Phi_{98}\ \Phi_{70}^{2}\ \Phi_{49}\ \Phi_{35}^{2}\ \Phi_{28}\ \Phi_{20}^{2}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
134044	1755	877	$\frac{61}{877}$	$\frac{84}{877}$	$\frac{121}{877}$	$\frac{272}{877}$	$\Phi_{877}^{2}\ \Phi_{1}^{3}$
134045	1755	1056	$\frac{25}{352}$	$\frac{27}{352}$	$\frac{1}{6}$	$\frac{109}{352}$	$\Phi_{1056}^{2}\ \Phi_{528}^{2}\ \Phi_{352}\ \Phi_{264}^{2}\ \Phi_{176}\ \Phi_{132}^{2}\ \Phi_{96}^{2}\ \Phi_{88}\ \Phi_{66}^{2}\ \Phi_{48}^{2}\ \Phi_{44}\ \Phi_{33}^{2}\ \Phi_{32}\ \Phi_{24}^{2}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
134046	1755	877	$\frac{45}{877}$	$\frac{64}{877}$	$\frac{202}{877}$	$\frac{271}{877}$	$\Phi_{877}^{2}\ \Phi_{1}^{3}$
134047	1755	1172	$\frac{27}{586}$	$\frac{43}{586}$	$\frac{1}{4}$	$\frac{181}{586}$	$\Phi_{1172}^{2}\ \Phi_{586}\ \Phi_{293}\ \Phi_{4}\ \Phi_{1}$
134048	1755	884	$\frac{3}{68}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{884}^{2}\ \Phi_{442}^{2}\ \Phi_{221}^{2}\ \Phi_{68}^{3}\ \Phi_{34}^{3}\ \Phi_{17}^{3}\ \Phi_{13}^{2}\ \Phi_{1}^{3}$
134049	1755	208	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{3}{16}$	$\frac{4}{13}$	$\Phi_{208}^{8}\ \Phi_{104}^{8}\ \Phi_{52}^{8}\ \Phi_{26}^{8}\ \Phi_{16}^{12}\ \Phi_{13}^{10}\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{15}$
134050	1755	546	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{4}{13}$	$\Phi_{546}^{4}\ \Phi_{273}^{4}\ \Phi_{182}^{2}\ \Phi_{91}^{2}\ \Phi_{78}^{2}\ \Phi_{42}^{6}\ \Phi_{39}^{2}\ \Phi_{21}^{6}\ \Phi_{14}^{3}\ \Phi_{13}^{2}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
134051	1755	936	$\frac{1}{13}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{4}{13}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{312}^{2}\ \Phi_{234}^{2}\ \Phi_{156}^{2}\ \Phi_{117}^{2}\ \Phi_{78}^{2}\ \Phi_{72}^{3}\ \Phi_{39}^{2}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{13}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
134052	1755	877	$\frac{47}{877}$	$\frac{79}{877}$	$\frac{166}{877}$	$\frac{266}{877}$	$\Phi_{877}^{2}\ \Phi_{1}^{3}$
134053	1755	952	$\frac{1}{14}$	$\frac{13}{136}$	$\frac{19}{136}$	$\frac{41}{136}$	$\Phi_{952}^{2}\ \Phi_{476}^{2}\ \Phi_{238}^{2}\ \Phi_{136}\ \Phi_{119}^{2}\ \Phi_{68}\ \Phi_{56}^{2}\ \Phi_{34}\ \Phi_{28}^{2}\ \Phi_{17}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
134054	1755	877	$\frac{58}{877}$	$\frac{91}{877}$	$\frac{123}{877}$	$\frac{262}{877}$	$\Phi_{877}^{2}\ \Phi_{1}^{3}$
134055	1755	1056	$\frac{19}{352}$	$\frac{37}{352}$	$\frac{1}{6}$	$\frac{105}{352}$	$\Phi_{1056}^{2}\ \Phi_{528}^{2}\ \Phi_{352}\ \Phi_{264}^{2}\ \Phi_{176}\ \Phi_{132}^{2}\ \Phi_{96}^{2}\ \Phi_{88}\ \Phi_{66}^{2}\ \Phi_{48}^{2}\ \Phi_{44}\ \Phi_{33}^{2}\ \Phi_{32}\ \Phi_{24}^{2}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
134056	1755	448	$\frac{1}{14}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{19}{64}$	$\Phi_{448}^{4}\ \Phi_{224}^{4}\ \Phi_{112}^{4}\ \Phi_{64}^{2}\ \Phi_{56}^{6}\ \Phi_{32}^{2}\ \Phi_{28}^{6}\ \Phi_{16}^{2}\ \Phi_{14}^{5}\ \Phi_{8}^{3}\ \Phi_{7}^{5}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
134057	1755	280	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{280}^{6}\ \Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{56}^{6}\ \Phi_{40}^{9}\ \Phi_{35}^{6}\ \Phi_{28}^{4}\ \Phi_{20}^{9}\ \Phi_{14}^{4}\ \Phi_{10}^{9}\ \Phi_{8}^{9}\ \Phi_{7}^{6}\ \Phi_{5}^{9}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
134058	1755	1015	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{28}{145}$	$\frac{2}{7}$	$\Phi_{1015}^{2}\ \Phi_{145}^{3}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
134059	1755	203	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{203}^{8}\ \Phi_{29}^{12}\ \Phi_{7}^{10}\ \Phi_{1}^{15}$
134060	1755	70	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{70}^{28}\ \Phi_{35}^{28}\ \Phi_{14}^{13}\ \Phi_{10}^{27}\ \Phi_{7}^{15}\ \Phi_{5}^{27}\ \Phi_{2}^{12}\ \Phi_{1}^{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
134061	1755	920	$\frac{1}{40}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{920}^2\ \Phi_{460}^2\ \Phi_{230}^2\ \Phi_{184}^2\ \Phi_{115}^2\ \Phi_{92}^2\ \Phi_{46}\ \Phi_{40}\ \Phi_{23}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
134062	1755	828	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{828}^4\ \Phi_{414}^2\ \Phi_{207}^2\ \Phi_{92}^2\ \Phi_{46}\ \Phi_{36}^2\ \Phi_{23}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
134063	1755	1206	$\frac{2}{67}$	$\frac{1}{6}$	$\frac{13}{67}$	$\frac{5}{18}$	$\Phi_{1206}^2\ \Phi_{603}^2\ \Phi_{67}^2\ \Phi_{18}^3\ \Phi_9^3\ \Phi_1^3$
134064	1755	252	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{252}^{10}\ \Phi_{126}^{10}\ \Phi_{84}^2\ \Phi_{63}^{10}\ \Phi_{42}^2\ \Phi_{36}^{10}\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{18}^5\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9^5\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
134065	1755	1206	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1206}^2\ \Phi_{603}^2\ \Phi_{67}^2\ \Phi_{18}^3\ \Phi_9^3\ \Phi_1^3$
134066	1755	720	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{720}^4\ \Phi_{360}^4\ \Phi_{180}^4\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
134067	1755	877	$\frac{49}{877}$	$\frac{92}{877}$	$\frac{157}{877}$	$\frac{240}{877}$	$\Phi_{877}^2\ \Phi_1^3$
134068	1755	952	$\frac{1}{14}$	$\frac{11}{136}$	$\frac{25}{136}$	$\frac{37}{136}$	$\Phi_{952}^2\ \Phi_{476}^2\ \Phi_{238}^2\ \Phi_{136}\ \Phi_{119}^2\ \Phi_{68}\ \Phi_{56}^2\ \Phi_{34}\ \Phi_{28}^2\ \Phi_{17}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
134069	1755	877	$\frac{62}{877}$	$\frac{71}{877}$	$\frac{163}{877}$	$\frac{238}{877}$	$\Phi_{877}^2\ \Phi_1^3$
134070	1755	980	$\frac{11}{196}$	$\frac{1}{10}$	$\frac{37}{196}$	$\frac{53}{196}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{245}^2\ \Phi_{196}\ \Phi_{140}^2\ \Phi_{98}\ \Phi_{70}^2\ \Phi_{49}\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
134071	1755	480	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{31}{160}$	$\frac{43}{160}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^2\ \Phi_{120}^4\ \Phi_{96}^6\ \Phi_{80}^2\ \Phi_{60}^4\ \Phi_{48}^6\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{30}^4\ \Phi_{24}^6\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{15}^4\ \Phi_{12}^6\ \Phi_{10}^2\ \Phi_8^3\ \Phi_6^5\ \Phi_5^2\ \Phi_4^3\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
134072	1755	877	$\frac{17}{877}$	$\frac{172}{877}$	$\frac{214}{877}$	$\frac{235}{877}$	$\Phi_{877}^2\ \Phi_1^3$
134073	1755	1172	$\frac{11}{586}$	$\frac{115}{586}$	$\frac{1}{4}$	$\frac{157}{586}$	$\Phi_{1172}^2\ \Phi_{586}\ \Phi_{293}\ \Phi_4\ \Phi_1$
134074	1755	132	$\frac{1}{66}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{132}^{14}\ \Phi_{66}^{13}\ \Phi_{44}^{14}\ \Phi_{33}^{13}\ \Phi_{22}^{13}\ \Phi_{12}^{14}\ \Phi_{11}^{13}\ \Phi_6^{13}\ \Phi_4^7\ \Phi_3^{13}\ \Phi_2^6\ \Phi_1^7$
134075	1755	388	$\frac{2}{97}$	$\frac{19}{97}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{388}^4\ \Phi_{194}^4\ \Phi_{97}^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
134076	1755	368	$\frac{1}{46}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{368}^6\ \Phi_{184}^6\ \Phi_{92}^2\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
134077	1755	120	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{120}^{18}\ \Phi_{60}^{18}\ \Phi_{40}^9\ \Phi_{30}^{18}\ \Phi_{24}^{18}\ \Phi_{20}^9\ \Phi_{15}^{18}\ \Phi_{12}^{14}\ \Phi_{10}^9\ \Phi_8^9\ \Phi_6^{13}\ \Phi_5^9\ \Phi_4^7\ \Phi_3^{13}\ \Phi_2^6\ \Phi_1^7$
134078	1755	340	$\frac{3}{68}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{340}^6\ \Phi_{170}^6\ \Phi_{85}^6\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{20}^2\ \Phi_{17}^3\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
134079	1755	388	$\frac{6}{97}$	$\frac{7}{97}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{388}^4\ \Phi_{194}^4\ \Phi_{97}^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
134080	1755	112	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{112}^{18}\ \Phi_{56}^{18}\ \Phi_{28}^{14}\ \Phi_{16}^9\ \Phi_{14}^{13}\ \Phi_8^9\ \Phi_7^{13}\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
134081	1755	1392	$\frac{3}{116}$	$\frac{1}{6}$	$\frac{113}{464}$	$\frac{1}{4}$	$\Phi_{1392}^2\ \Phi_{696}^2\ \Phi_{464}\ \Phi_{232}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
134082	1755	1280	$\frac{3}{64}$	$\frac{1}{10}$	$\frac{61}{256}$	$\frac{1}{4}$	$\Phi_{1280}^2\ \Phi_{640}^2\ \Phi_{256}\ \Phi_{128}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
134083	1755	1232	$\frac{3}{44}$	$\frac{1}{14}$	$\frac{41}{176}$	$\frac{1}{4}$	$\Phi_{1232}^2\ \Phi_{616}^2\ \Phi_{176}\ \Phi_{112}^2\ \Phi_{88}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
134084	1755	1072	$\frac{2}{67}$	$\frac{3}{16}$	$\frac{13}{67}$	$\frac{1}{4}$	$\Phi_{1072}^2\ \Phi_{536}^2\ \Phi_{67}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_1^3$
134085	1755	1740	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{28}{145}$	$\frac{1}{4}$	$\Phi_{1740}^2\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{145}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
134086	1755	336	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{336}^8\ \Phi_{168}^8\ \Phi_{112}^4\ \Phi_{84}^2\ \Phi_{56}^4\ \Phi_{48}^6\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{24}^6\ \Phi_{21}^2\ \Phi_{16}^3\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8^3\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
134087	1755	1072	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1072}^2\ \Phi_{536}^2\ \Phi_{67}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_1^3$
134088	1755	80	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{80}^{24}\ \Phi_{40}^{24}\ \Phi_{20}^{26}\ \Phi_{16}^{12}\ \Phi_{10}^{25}\ \Phi_8^{12}\ \Phi_5^{25}\ \Phi_4^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
134089	1755	1172	$\frac{41}{586}$	$\frac{53}{586}$	$\frac{109}{586}$	$\frac{1}{4}$	$\Phi_{1172}^2\ \Phi_{586}\ \Phi_{293}\ \Phi_4\ \Phi_1$
134090	1755	308	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{4}$	$\Phi_{308}^8\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{44}^4\ \Phi_{28}^{10}\ \Phi_{14}^5\ \Phi_{11}^4\ \Phi_7^5\ \Phi_4^5\ \Phi_1^5$
134091	1755	1172	$\frac{37}{586}$	$\frac{61}{586}$	$\frac{105}{586}$	$\frac{1}{4}$	$\Phi_{1172}^2\ \Phi_{586}\ \Phi_{293}\ \Phi_4\ \Phi_1$
134092	1755	348	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{348}^8\ \Phi_{174}^4\ \Phi_{116}^4\ \Phi_{87}^4\ \Phi_{29}^4\ \Phi_{12}^{10}\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_1^5$
134093	1755	420	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{420}^8\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^2\ \Phi_{60}^4\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
134094	1755	1120	$\frac{3}{32}$	$\frac{1}{10}$	$\frac{29}{224}$	$\frac{1}{4}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{280}^2\ \Phi_{224}\ \Phi_{140}^2\ \Phi_{112}\ \Phi_{70}^2\ \Phi_{56}\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
134095	1755	360	$\frac{7}{72}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{6}\ \Phi_{90}^{6}\ \Phi_{72}^{3}\ \Phi_{60}^{6}\ \Phi_{45}^{6}\ \Phi_{36}^{3}\ \Phi_{30}^{6}\ \Phi_{24}^{3}\ \Phi_{20}^{2}\ \Phi_{18}^{3}$ $\Phi_{15}^{6}\ \Phi_{12}^{3}\ \Phi_{10}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
134096	1755	420	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{19}{84}$	$\Phi_{420}^{6}\ \Phi_{210}^{3}\ \Phi_{140}^{6}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{70}^{4}\ \Phi_{60}^{6}\ \Phi_{35}^{4}\ \Phi_{30}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{20}^{6}$ $\Phi_{15}^{3}\ \Phi_{14}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
134097	1755	224	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{7}{32}$	$\Phi_{224}^{8}\ \Phi_{112}^{8}\ \Phi_{56}^{10}\ \Phi_{32}^{4}\ \Phi_{28}^{10}\ \Phi_{16}^{4}\ \Phi_{14}^{9}\ \Phi_{8}^{5}\ \Phi_{7}^{9}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
134098	1755	1344	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1}{6}$	$\frac{97}{448}$	$\Phi_{1344}^{2}\ \Phi_{672}^{2}\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}^{2}\ \Phi_{96}^{2}\ \Phi_{64}\ \Phi_{48}^{2}\ \Phi_{32}\ \Phi_{24}^{2}\ \Phi_{16}$ $\Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
134099	1755	238	$\frac{1}{14}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{34}$	$\Phi_{238}^{8}\ \Phi_{119}^{8}\ \Phi_{34}^{3}\ \Phi_{17}^{5}\ \Phi_{14}^{7}\ \Phi_{7}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{5}$
134100	1755	1320	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{21}{110}$	$\frac{89}{440}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{440}\ \Phi_{264}^{2}\ \Phi_{220}\ \Phi_{132}^{2}\ \Phi_{120}^{2}\ \Phi_{88}\ \Phi_{66}^{2}\ \Phi_{60}^{2}\ \Phi_{44}$ $\Phi_{40}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}\ \Phi_{20}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
134101	1755	96	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{1}{6}$	$\frac{3}{16}$	$\Phi_{96}^{26}\ \Phi_{48}^{18}\ \Phi_{32}^{13}\ \Phi_{24}^{18}\ \Phi_{16}^{9}\ \Phi_{12}^{18}\ \Phi_{8}^{9}\ \Phi_{6}^{17}\ \Phi_{4}^{9}\ \Phi_{3}^{17}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
134102	1755	132	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{6}$	$\frac{2}{11}$	$\Phi_{132}^{18}\ \Phi_{66}^{14}\ \Phi_{44}^{9}\ \Phi_{33}^{14}\ \Phi_{22}^{5}\ \Phi_{12}^{18}\ \Phi_{11}^{9}\ \Phi_{6}^{13}\ \Phi_{4}^{9}\ \Phi_{3}^{13}\ \Phi_{2}^{4}\ \Phi_{1}^{9}$
134103	1756	876	$\frac{1}{438}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{437}{876}$	$\Phi_{876}^{4}\ \Phi_{292}^{4}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
134104	1756	702	$\frac{1}{351}$	$\frac{88}{351}$	$\frac{263}{702}$	$\frac{175}{351}$	$\Phi_{702}^{4}\ \Phi_{351}\ \Phi_{234}^{4}\ \Phi_{117}\ \Phi_{78}^{4}\ \Phi_{54}^{4}\ \Phi_{39}\ \Phi_{27}\ \Phi_{26}^{4}\ \Phi_{18}^{4}\ \Phi_{13}\ \Phi_{9}$ $\Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
134105	1756	1758	$\frac{1}{293}$	$\frac{147}{586}$	$\frac{1}{3}$	$\frac{146}{293}$	$\Phi_{1758}^{2}\ \Phi_{879}\ \Phi_{6}^{2}$
134106	1756	875	$\frac{3}{875}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{436}{875}$	$\Phi_{875}^{2}\ \Phi_{175}^{2}\ \Phi_{125}^{2}\ \Phi_{35}^{2}\ \Phi_{25}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
134107	1756	780	$\frac{1}{195}$	$\frac{49}{390}$	$\frac{341}{780}$	$\frac{97}{195}$	$\Phi_{780}^{4}\ \Phi_{260}^{4}\ \Phi_{195}\ \Phi_{156}^{4}\ \Phi_{65}\ \Phi_{60}^{4}\ \Phi_{52}^{4}\ \Phi_{39}\ \Phi_{20}^{4}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}^{4}$ $\Phi_{5}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
134108	1756	585	$\frac{1}{195}$	$\frac{146}{585}$	$\frac{49}{195}$	$\frac{97}{195}$	$\Phi_{585}^{4}\ \Phi_{195}\ \Phi_{117}^{4}\ \Phi_{65}\ \Phi_{45}^{4}\ \Phi_{39}\ \Phi_{15}\ \Phi_{13}\ \Phi_{9}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
134109	1756	873	$\frac{5}{873}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{434}{873}$	$\Phi_{873}^{2}\ \Phi_{291}^{2}\ \Phi_{97}^{2}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
134110	1756	4360	$\frac{3}{436}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{433}{872}$	$\Phi_{4360}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
134111	1756	810	$\frac{1}{135}$	$\frac{34}{405}$	$\frac{371}{810}$	$\frac{67}{135}$	$\Phi_{810}^{4}\ \Phi_{270}^{4}\ \Phi_{162}^{4}\ \Phi_{135}\ \Phi_{90}^{4}\ \Phi_{54}^{4}\ \Phi_{45}\ \Phi_{30}^{4}\ \Phi_{27}\ \Phi_{18}^{4}\ \Phi_{15}\ \Phi_{10}^{4}$ $\Phi_{9}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
134112	1756	1215	$\frac{1}{135}$	$\frac{68}{405}$	$\frac{337}{1215}$	$\frac{67}{135}$	$\Phi_{1215}^{2}\ \Phi_{243}^{2}\ \Phi_{135}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
134113	1756	540	$\frac{1}{135}$	$\frac{101}{540}$	$\frac{34}{135}$	$\frac{67}{135}$	$\Phi_{540}^{4}\ \Phi_{270}^{4}\ \Phi_{180}^{4}\ \Phi_{135}\ \Phi_{108}^{4}\ \Phi_{90}^{4}\ \Phi_{60}^{4}\ \Phi_{54}^{4}\ \Phi_{45}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{27}$ $\Phi_{20}^{4}\ \Phi_{18}^{4}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{9}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
134114	1756	871	$\frac{7}{871}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{432}{871}$	$\Phi_{871}^{2}\ \Phi_{67}^{2}\ \Phi_{13}^{3}\ \Phi_{1}^{4}$
134115	1756	819	$\frac{1}{117}$	$\frac{59}{819}$	$\frac{380}{819}$	$\frac{58}{117}$	$\Phi_{819}^{2}\ \Phi_{273}^{2}\ \Phi_{117}^{3}\ \Phi_{91}^{2}\ \Phi_{63}^{2}\ \Phi_{39}^{3}\ \Phi_{21}^{2}\ \Phi_{13}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
134116	1756	870	$\frac{4}{435}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{431}{870}$	$\Phi_{870}^{4}\ \Phi_{290}^{4}\ \Phi_{174}^{4}\ \Phi_{58}^{4}\ \Phi_{30}^{4}\ \Phi_{15}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
134117	1756	870	$\frac{4}{435}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{431}{870}$	$\Phi_{870}^{4}\ \Phi_{290}^{4}\ \Phi_{174}^{4}\ \Phi_{58}^{4}\ \Phi_{30}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
134118	1756	2640	$\frac{1}{88}$	$\frac{89}{528}$	$\frac{1}{5}$	$\frac{87}{176}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{240}\ \Phi_{220}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}$ $\Phi_{60}\ \Phi_{55}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
134119	1756	845	$\frac{1}{65}$	$\frac{33}{845}$	$\frac{406}{845}$	$\frac{32}{65}$	$\Phi_{845}^{2}\ \Phi_{169}^{2}\ \Phi_{65}^{3}\ \Phi_{13}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
134120	1756	864	$\frac{7}{432}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{425}{864}$	$\Phi_{864}^{4}\ \Phi_{288}^{4}\ \Phi_{96}^{4}\ \Phi_{32}^{4}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
134121	1756	864	$\frac{7}{432}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{425}{864}$	$\Phi_{864}^{4}\ \Phi_{288}^{4}\ \Phi_{96}^{4}\ \Phi_{32}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
134122	1756	4320	$\frac{7}{432}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{425}{864}$	$\Phi_{4320}\ \Phi_{1440}\ \Phi_{480}\ \Phi_{160}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
134123	1756	860	$\frac{9}{430}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{421}{860}$	$\Phi_{860}^{4}\ \Phi_{172}^{4}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
134124	1756	855	$\frac{1}{45}$	$\frac{23}{855}$	$\frac{416}{855}$	$\frac{22}{45}$	$\Phi_{855}^{2}\ \Phi_{285}^{2}\ \Phi_{171}^{2}\ \Phi_{95}^{2}\ \Phi_{57}^{2}\ \Phi_{45}^{3}\ \Phi_{19}^{2}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
134125	1756	858	$\frac{10}{429}$	$\frac{1}{39}$	$\frac{19}{39}$	$\frac{419}{858}$	$\Phi_{858}^{4}\ \Phi_{286}^{4}\ \Phi_{78}^{4}\ \Phi_{66}^{4}\ \Phi_{39}\ \Phi_{26}^{4}\ \Phi_{22}^{4}\ \Phi_{13}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
134126	1756	858	$\frac{10}{429}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{419}{858}$	$\Phi_{858}^{4}\ \Phi_{286}^{4}\ \Phi_{78}^{4}\ \Phi_{66}^{4}\ \Phi_{26}^{4}\ \Phi_{22}^{4}\ \Phi_{13}^{3}\ \Phi_{6}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
134127	1756	4290	$\frac{10}{429}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{419}{858}$	$\Phi_{4290}\ \Phi_{1430}\ \Phi_{390}\ \Phi_{330}\ \Phi_{130}\ \Phi_{110}\ \Phi_{55}\ \Phi_{30}\ \Phi_{10}$
134128	1756	480	$\frac{1}{40}$	$\frac{41}{480}$	$\frac{1}{5}$	$\frac{39}{80}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{4}\ \Phi_{120}^{4}\ \Phi_{96}^{4}\ \Phi_{60}^{4}\ \Phi_{48}^{4}\ \Phi_{40}^{4}\ \Phi_{32}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{4}$ $\Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
134129	1756	1287	$\frac{1}{39}$	$\frac{20}{429}$	$\frac{409}{1287}$	$\frac{19}{39}$	$\Phi_{1287}^{2}\ \Phi_{117}^{2}\ \Phi_{99}^{2}\ \Phi_{39}\ \Phi_{13}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
134130	1756	468	$\frac{1}{39}$	$\frac{29}{468}$	$\frac{10}{39}$	$\frac{19}{39}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^4\ \Phi_{117}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}\ \Phi_{36}^4\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}\ \Phi_{12}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
134131	1756	1705	$\frac{51}{1705}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{827}{1705}$	$\Phi_{1705}\ \Phi_{341}\ \Phi_{155}\ \Phi_{55}^2\ \Phi_{31}\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
134132	1756	504	$\frac{2}{63}$	$\frac{1}{9}$	$\frac{65}{504}$	$\frac{61}{126}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{84}^4\ \Phi_{72}^4\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_7^4\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
134133	1756	1701	$\frac{55}{1701}$	$\frac{1}{27}$	$\frac{26}{81}$	$\frac{823}{1701}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{243}\ \Phi_{189}\ \Phi_{81}^2\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
134134	1756	1701	$\frac{55}{1701}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{823}{1701}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{243}\ \Phi_{189}\ \Phi_{81}\ \Phi_{63}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
134135	1756	648	$\frac{7}{216}$	$\frac{1}{27}$	$\frac{209}{648}$	$\frac{13}{27}$	$\Phi_{648}^4\ \Phi_{324}^4\ \Phi_{162}^4\ \Phi_{81}^4\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
134136	1756	459	$\frac{1}{27}$	$\frac{20}{459}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{459}^4\ \Phi_{153}^4\ \Phi_{51}^4\ \Phi_{27}\ \Phi_{17}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
134137	1756	540	$\frac{1}{27}$	$\frac{7}{108}$	$\frac{101}{540}$	$\frac{13}{27}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{27}\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
134138	1756	486	$\frac{1}{27}$	$\frac{47}{486}$	$\frac{7}{54}$	$\frac{13}{27}$	$\Phi_{486}^4\ \Phi_{243}^4\ \Phi_{162}^4\ \Phi_{81}^4\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
134139	1756	594	$\frac{1}{27}$	$\frac{13}{297}$	$\frac{155}{594}$	$\frac{142}{297}$	$\Phi_{594}^4\ \Phi_{297}^2\ \Phi_{198}^4\ \Phi_{99}^2\ \Phi_{66}^4\ \Phi_{54}^4\ \Phi_{33}^2\ \Phi_{27}\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{11}^2\ \Phi_9\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
134140	1756	840	$\frac{19}{420}$	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{401}{840}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{168}^4\ \Phi_{120}^4\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
134141	1756	455	$\frac{16}{455}$	$\frac{3}{65}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{455}^4\ \Phi_{91}^4\ \Phi_{65}^3\ \Phi_{35}^4\ \Phi_{13}^3\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
134142	1756	4180	$\frac{1}{22}$	$\frac{21}{418}$	$\frac{1}{5}$	$\frac{397}{836}$	$\Phi_{4180}\ \Phi_{380}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{20}\ \Phi_{10}$
134143	1756	832	$\frac{23}{416}$	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{393}{832}$	$\Phi_{832}^4\ \Phi_{64}^4\ \Phi_{26}^4\ \Phi_{13}^3\ \Phi_2^4\ \Phi_1^4$
134144	1756	825	$\frac{2}{55}$	$\frac{53}{825}$	$\frac{1}{5}$	$\frac{386}{825}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}^2\ \Phi_{75}^2\ \Phi_{55}^4\ \Phi_{33}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{11}^4\ \Phi_5^3\ \Phi_3^2\ \Phi_1^4$
134145	1756	1305	$\frac{8}{435}$	$\frac{1}{15}$	$\frac{427}{1305}$	$\frac{7}{15}$	$\Phi_{1305}^2\ \Phi_{261}^2\ \Phi_{45}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
134146	1756	450	$\frac{11}{450}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
134147	1756	819	$\frac{4}{63}$	$\frac{59}{819}$	$\frac{1}{9}$	$\frac{380}{819}$	$\Phi_{819}^2\ \Phi_{273}^2\ \Phi_{117}^2\ \Phi_{91}^2\ \Phi_{63}^4\ \Phi_{39}^2\ \Phi_{21}^4\ \Phi_{13}^2\ \Phi_9^3\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
134148	1756	810	$\frac{1}{45}$	$\frac{34}{405}$	$\frac{11}{45}$	$\frac{371}{810}$	$\Phi_{810}^4\ \Phi_{270}^4\ \Phi_{162}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^3\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_9^3\ \Phi_6^4\ \Phi_5^3\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
134149	1756	810	$\frac{1}{27}$	$\frac{34}{405}$	$\frac{13}{81}$	$\frac{371}{810}$	$\Phi_{810}^4\ \Phi_{270}^4\ \Phi_{162}^4\ \Phi_{90}^4\ \Phi_{81}^2\ \Phi_{54}^4\ \Phi_{30}^4\ \Phi_{27}\ \Phi_{18}^4\ \Phi_{10}^4\ \Phi_9\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
134150	1756	800	$\frac{1}{40}$	$\frac{39}{400}$	$\frac{1}{5}$	$\frac{361}{800}$	$\Phi_{800}^4\ \Phi_{160}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
134151	1756	3960	$\frac{1}{44}$	$\frac{43}{396}$	$\frac{1}{5}$	$\frac{353}{792}$	$\Phi_{3960}\ \Phi_{1320}\ \Phi_{440}\ \Phi_{360}\ \Phi_{220}\ \Phi_{120}\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
134152	1756	1575	$\frac{1}{45}$	$\frac{181}{1575}$	$\frac{44}{225}$	$\frac{697}{1575}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}^2\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{25}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
134153	1756	468	$\frac{29}{468}$	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{52}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^4\ \Phi_{117}^4\ \Phi_{78}^4\ \Phi_{39}^4\ \Phi_{36}^4\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}^3\ \Phi_{12}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
134154	1756	540	$\frac{1}{45}$	$\frac{11}{90}$	$\frac{101}{540}$	$\frac{79}{180}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^3\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_9^3\ \Phi_6^4\ \Phi_5^3\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
134155	1756	2240	$\frac{9}{448}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{320}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
134156	1756	780	$\frac{1}{65}$	$\frac{49}{390}$	$\frac{16}{65}$	$\frac{341}{780}$	$\Phi_{780}^4\ \Phi_{260}^4\ \Phi_{156}^4\ \Phi_{65}^3\ \Phi_{60}^4\ \Phi_{52}^4\ \Phi_{20}^4\ \Phi_{13}^3\ \Phi_{12}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
134157	1756	1547	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{209}{1547}$	$\frac{669}{1547}$	$\Phi_{1547}\ \Phi_{221}^2\ \Phi_{119}\ \Phi_{91}\ \Phi_{17}^2\ \Phi_{13}\ \Phi_7\ \Phi_1^2$
134158	1756	770	$\frac{1}{55}$	$\frac{54}{385}$	$\frac{1}{5}$	$\frac{331}{770}$	$\Phi_{770}^4\ \Phi_{154}^4\ \Phi_{110}^4\ \Phi_{70}^4\ \Phi_{55}^4\ \Phi_{22}^4\ \Phi_{14}^4\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
134159	1756	486	$\frac{1}{27}$	$\frac{47}{486}$	$\frac{13}{81}$	$\frac{34}{81}$	$\Phi_{486}^4\ \Phi_{243}^4\ \Phi_{162}^4\ \Phi_{81}^2\ \Phi_{54}^4\ \Phi_{27}\ \Phi_{18}^4\ \Phi_9\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
134160	1756	756	$\frac{2}{63}$	$\frac{1}{9}$	$\frac{61}{378}$	$\frac{317}{756}$	$\Phi_{756}^4\ \Phi_{252}^4\ \Phi_{108}^4\ \Phi_{84}^4\ \Phi_{63}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_7^4\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
134161	1756	1485	$\frac{1}{27}$	$\frac{26}{297}$	$\frac{271}{1485}$	$\frac{607}{1485}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}^2\ \Phi_{165}\ \Phi_{135}\ \Phi_{99}^2\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{27}\ \Phi_{15}\ \Phi_{11}^2\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
134162	1756	525	$\frac{3}{175}$	$\frac{86}{525}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{525}^4\ \Phi_{175}^2\ \Phi_{105}^4\ \Phi_{75}^4\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_7^2\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
134163	1756	500	$\frac{3}{125}$	$\frac{61}{500}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{500}^4\ \Phi_{250}^4\ \Phi_{125}^2\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{25}^2\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
134164	1756	450	$\frac{11}{450}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{25}^2\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
134165	1756	455	$\frac{16}{455}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{455}^4\ \Phi_{91}^4\ \Phi_{65}^4\ \Phi_{35}^2\ \Phi_{13}^4\ \Phi_7^2\ \Phi_5^3\ \Phi_1^4$
134166	1756	720	$\frac{1}{45}$	$\frac{11}{90}$	$\frac{79}{360}$	$\frac{281}{720}$	$\Phi_{720}^4\ \Phi_{240}^4\ \Phi_{144}^4\ \Phi_{90}^4\ \Phi_{80}^4\ \Phi_{48}^4\ \Phi_{45}^3\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_9^3\ \Phi_6^4\ \Phi_5^3\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
134167	1756	450	$\frac{11}{450}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
134168	1756	520	$\frac{1}{65}$	$\frac{81}{520}$	$\frac{16}{65}$	$\frac{49}{130}$	$\Phi_{520}^4\ \Phi_{260}^4\ \Phi_{104}^4\ \Phi_{65}^3\ \Phi_{52}^4\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{13}^3\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
134169	1756	3520	$\frac{1}{88}$	$\frac{1}{5}$	$\frac{87}{352}$	$\frac{265}{704}$	$\Phi_{3520}\ \Phi_{440}\ \Phi_{320}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
134170	1756	702	$\frac{1}{117}$	$\frac{29}{117}$	$\frac{88}{351}$	$\frac{263}{702}$	$\Phi_{702}^4\ \Phi_{234}^4\ \Phi_{117}^3\ \Phi_{78}^4\ \Phi_{54}^4\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}^3\ \Phi_9^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
134171	1756	1365	$\frac{1}{65}$	$\frac{64}{455}$	$\frac{391}{1365}$	$\frac{487}{1365}$	$\Phi_{1365}\ \Phi_{455}^2\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}^2\ \Phi_{65}\ \Phi_{39}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{13}\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
134172	1756	675	$\frac{1}{45}$	$\frac{22}{225}$	$\frac{203}{675}$	$\frac{236}{675}$	$\Phi_{675}^2\ \Phi_{225}^4\ \Phi_{135}^2\ \Phi_{75}^4\ \Phi_{45}^3\ \Phi_{27}^2\ \Phi_{25}^4\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
134173	1756	663	$\frac{6}{221}$	$\frac{1}{13}$	$\frac{215}{663}$	$\frac{224}{663}$	$\Phi_{663}^2\ \Phi_{221}^4\ \Phi_{51}^2\ \Phi_{39}^2\ \Phi_{17}^4\ \Phi_{13}^3\ \Phi_3^2\ \Phi_1^4$
134174	1756	1323	$\frac{8}{441}$	$\frac{1}{9}$	$\frac{433}{1323}$	$\frac{445}{1323}$	$\Phi_{1323}\ \Phi_{441}^2\ \Phi_{189}\ \Phi_{147}^2\ \Phi_{63}^2\ \Phi_{49}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
134175	1756	660	$\frac{1}{110}$	$\frac{1}{5}$	$\frac{109}{330}$	$\frac{221}{660}$	$\Phi_{660}^4\ \Phi_{220}^4\ \Phi_{132}^4\ \Phi_{110}^4\ \Phi_{60}^4\ \Phi_{55}^4\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
134176	1756	441	$\frac{2}{441}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{441}^4\ \Phi_{147}^4\ \Phi_{63}^4\ \Phi_{49}^4\ \Phi_{21}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
134177	1756	657	$\frac{1}{219}$	$\frac{218}{657}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{657}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
134178	1756	1752	$\frac{1}{146}$	$\frac{145}{584}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1752}\ \Phi_{876}\ \Phi_{584}^2\ \Phi_{292}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
134179	1756	1095	$\frac{2}{219}$	$\frac{217}{1095}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1095}^2\ \Phi_{365}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
134180	1756	444	$\frac{5}{444}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{444}^4\ \Phi_{222}^4\ \Phi_{148}^4\ \Phi_{111}^4\ \Phi_{74}^4\ \Phi_{37}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
134181	1756	1533	$\frac{1}{73}$	$\frac{72}{511}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1533}\ \Phi_{511}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
134182	1756	2640	$\frac{1}{44}$	$\frac{89}{528}$	$\frac{1}{5}$	$\frac{43}{132}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{880}\ \Phi_{440}\ \Phi_{240}\ \Phi_{220}\ \Phi_{120}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
134183	1756	567	$\frac{2}{63}$	$\frac{1}{9}$	$\frac{128}{567}$	$\frac{61}{189}$	$\Phi_{567}^4\ \Phi_{81}^4\ \Phi_{63}^4\ \Phi_{21}^4\ \Phi_9^3\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
134184	1756	648	$\frac{7}{216}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{209}{648}$	$\Phi_{648}^4\ \Phi_{324}^4\ \Phi_{162}^4\ \Phi_{81}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
134185	1756	3240	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{209}{648}$	$\Phi_{3240}\ \Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
134186	1756	495	$\frac{2}{55}$	$\frac{56}{495}$	$\frac{1}{5}$	$\frac{53}{165}$	$\Phi_{495}^4\ \Phi_{165}^2\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{45}^4\ \Phi_{33}^2\ \Phi_{15}^2\ \Phi_{11}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^2\ \Phi_1^4$
134187	1756	486	$\frac{1}{27}$	$\frac{47}{486}$	$\frac{55}{243}$	$\frac{26}{81}$	$\Phi_{486}^4\ \Phi_{243}^3\ \Phi_{162}^4\ \Phi_{81}^4\ \Phi_{54}^4\ \Phi_{27}^3\ \Phi_{18}^4\ \Phi_9^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
134188	1756	567	$\frac{1}{27}$	$\frac{55}{567}$	$\frac{128}{567}$	$\frac{26}{81}$	$\Phi_{567}^3\ \Phi_{189}^3\ \Phi_{81}^4\ \Phi_{63}^3\ \Phi_{27}^3\ \Phi_{21}^3\ \Phi_9^3\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
134189	1756	480	$\frac{1}{20}$	$\frac{41}{480}$	$\frac{1}{5}$	$\frac{19}{60}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
134190	1756	2310	$\frac{23}{462}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{330}\ \Phi_{210}\ \Phi_{110}\ \Phi_{105}\ \Phi_{70}\ \Phi_{55}\ \Phi_{35}\ \Phi_{30}\ \Phi_{10}$
134191	1756	624	$\frac{1}{13}$	$\frac{23}{208}$	$\frac{3}{26}$	$\frac{185}{624}$	$\Phi_{624}^4\ \Phi_{312}^4\ \Phi_{156}^4\ \Phi_{78}^4\ \Phi_{48}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{24}^4\ \Phi_{13}^3\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
134192	1756	2280	$\frac{17}{456}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{95}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
134193	1756	945	$\frac{67}{945}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{189}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
134194	1756	1215	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{68}{405}$	$\frac{337}{1215}$	$\Phi_{1215}^2\ \Phi_{243}^2\ \Phi_{81}^2\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
134195	1756	600	$\frac{1}{40}$	$\frac{39}{200}$	$\frac{1}{5}$	$\frac{161}{600}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{150}^4\ \Phi_{120}^4\ \Phi_{75}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
134196	1756	450	$\frac{11}{450}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{18}^4\ \Phi_{10}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
134197	1756	459	$\frac{20}{459}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{459}^4\ \Phi_{153}^4\ \Phi_{51}^4\ \Phi_{17}^4\ \Phi_{9}^3\ \Phi_{3}^3\ \Phi_{1}^4$
134198	1756	468	$\frac{29}{468}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{10}{39}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^4\ \Phi_{117}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{36}^4\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}^3\ \Phi_{12}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
134199	1756	540	$\frac{1}{45}$	$\frac{101}{540}$	$\frac{11}{45}$	$\frac{34}{135}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{54}^4\ \Phi_{45}^3\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{9}^3\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^4$
134200	1756	585	$\frac{1}{65}$	$\frac{16}{65}$	$\frac{146}{585}$	$\frac{49}{195}$	$\Phi_{585}^4\ \Phi_{117}^4\ \Phi_{65}^3\ \Phi_{45}^4\ \Phi_{13}^3\ \Phi_{9}^4\ \Phi_{5}^3\ \Phi_{1}^4$
134201	1756	580	$\frac{4}{145}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{141}{580}$	$\Phi_{580}^4\ \Phi_{290}^4\ \Phi_{116}^4\ \Phi_{58}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
134202	1756	576	$\frac{7}{144}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{137}{576}$	$\Phi_{576}^4\ \Phi_{288}^4\ \Phi_{192}^4\ \Phi_{96}^4\ \Phi_{64}^4\ \Phi_{32}^4\ \Phi_{9}^3\ \Phi_{3}^3\ \Phi_{1}^4$
134203	1756	2880	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{137}{576}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{160}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
134204	1756	572	$\frac{10}{143}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{133}{572}$	$\Phi_{572}^4\ \Phi_{286}^4\ \Phi_{52}^4\ \Phi_{44}^4\ \Phi_{26}^4\ \Phi_{22}^4\ \Phi_{13}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
134205	1756	2860	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{133}{572}$	$\Phi_{2860}\ \Phi_{1430}\ \Phi_{260}\ \Phi_{220}\ \Phi_{130}\ \Phi_{110}\ \Phi_{55}\ \Phi_{20}\ \Phi_{10}$
134206	1756	567	$\frac{55}{567}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{128}{567}$	$\Phi_{567}^3\ \Phi_{189}^3\ \Phi_{81}^3\ \Phi_{63}^4\ \Phi_{27}^3\ \Phi_{21}^4\ \Phi_{9}^3\ \Phi_{7}^4\ \Phi_{3}^3\ \Phi_{1}^4$
134207	1756	468	$\frac{29}{468}$	$\frac{1}{9}$	$\frac{7}{36}$	$\frac{2}{9}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^4\ \Phi_{117}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_{9}^3\ \Phi_{3}^3\ \Phi_{1}^4$
134208	1756	540	$\frac{7}{108}$	$\frac{1}{9}$	$\frac{101}{540}$	$\frac{2}{9}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_{9}^3\ \Phi_{5}^4\ \Phi_{3}^3\ \Phi_{1}^4$
134209	1756	486	$\frac{47}{486}$	$\frac{1}{9}$	$\frac{7}{54}$	$\frac{2}{9}$	$\Phi_{486}^4\ \Phi_{243}^4\ \Phi_{162}^4\ \Phi_{81}^4\ \Phi_{9}^3\ \Phi_{3}^3\ \Phi_{1}^4$
134210	1756	504	$\frac{7}{72}$	$\frac{1}{9}$	$\frac{65}{504}$	$\frac{2}{9}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{9}^3\ \Phi_{7}^4\ \Phi_{3}^3\ \Phi_{1}^4$
134211	1756	520	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{81}{520}$	$\frac{23}{104}$	$\Phi_{520}^4\ \Phi_{260}^4\ \Phi_{130}^4\ \Phi_{65}^4\ \Phi_{40}^4\ \Phi_{26}^4\ \Phi_{20}^4\ \Phi_{13}^3\ \Phi_{10}^4\ \Phi_{5}^4\ \Phi_{2}^4\ \Phi_{1}^4$
134212	1756	560	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{1}{5}$	$\frac{121}{560}$	$\Phi_{560}^4\ \Phi_{280}^4\ \Phi_{112}^4\ \Phi_{80}^4\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
134213	1756	550	$\frac{2}{55}$	$\frac{53}{275}$	$\frac{1}{5}$	$\frac{111}{550}$	$\Phi_{550}^4\ \Phi_{275}^2\ \Phi_{110}^4\ \Phi_{55}^4\ \Phi_{50}^4\ \Phi_{25}^2\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
134214	1756	480	$\frac{41}{480}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{5}$	$\Phi_{480}^4\ \Phi_{240}^3\ \Phi_{160}^4\ \Phi_{120}^3\ \Phi_{96}^4\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
134215	1756	2520	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{504}$	$\frac{1}{5}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
134216	1757	3504	$\frac{5}{1752}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1747}{3504}$	$\Phi_{3504}\ \Phi_{1168}\ \Phi_{48}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
134217	1757	1500	$\frac{1}{250}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{249}{500}$	$\Phi_{750}^2\ \Phi_{500}\ \Phi_{375}^2\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{125}^2\ \Phi_{100}\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^3$
134218	1757	4500	$\frac{1}{250}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{249}{500}$	$\Phi_{4500}\ \Phi_{900}\ \Phi_{500}\ \Phi_{180}\ \Phi_{100}\ \Phi_{36}\ \Phi_{20}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
134219	1757	3488	$\frac{13}{1744}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1731}{3488}$	$\Phi_{3488}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
134220	1757	1992	$\frac{2}{249}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{247}{498}$	$\Phi_{1992}\ \Phi_{996}\ \Phi_{664}\ \Phi_{332}\ \Phi_{249}\ \Phi_{83}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
134221	1757	2112	$\frac{3}{352}$	$\frac{355}{2112}$	$\frac{1}{4}$	$\frac{349}{704}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{192}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
134222	1757	3480	$\frac{17}{1740}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1723}{3480}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{696}\ \Phi_{232}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
134223	1757	336	$\frac{1}{84}$	$\frac{1}{8}$	$\frac{85}{336}$	$\frac{83}{168}$	$\Phi_{336}^7\ \Phi_{168}^4\ \Phi_{112}^7\ \Phi_{84}^3\ \Phi_{56}^4\ \Phi_{48}^7\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{16}^7\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{7}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
134224	1757	496	$\frac{3}{248}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{245}{496}$	$\Phi_{496}^7\ \Phi_{16}^7\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
134225	1757	3456	$\frac{29}{1728}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1699}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
134226	1757	1920	$\frac{3}{160}$	$\frac{163}{1920}$	$\frac{1}{4}$	$\frac{157}{320}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
134227	1757	984	$\frac{5}{246}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{241}{492}$	$\Phi_{984}^2\ \Phi_{492}\ \Phi_{328}^2\ \Phi_{246}^2\ \Phi_{164}\ \Phi_{123}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
134228	1757	3440	$\frac{37}{1720}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1683}{3440}$	$\Phi_{3440}\ \Phi_{688}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
134229	1757	3432	$\frac{41}{1716}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1675}{3432}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{264}\ \Phi_{104}\ \Phi_{88}\ \Phi_{44}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
134230	1757	1960	$\frac{6}{245}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{239}{490}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{56}^2\ \Phi_{49}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
134231	1757	288	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{37}{288}$	$\frac{35}{72}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}^7\ \Phi_{72}^4\ \Phi_{48}^7\ \Phi_{36}^3\ \Phi_{32}^7\ \Phi_{24}^4\ \Phi_{18}^3\ \Phi_{16}^7\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
134232	1757	1944	$\frac{8}{243}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{235}{486}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
134233	1757	280	$\frac{1}{28}$	$\frac{29}{280}$	$\frac{1}{8}$	$\frac{27}{56}$	$\Phi_{280}^7\ \Phi_{140}^7\ \Phi_{70}^7\ \Phi_{56}^4\ \Phi_{40}^7\ \Phi_{35}^7\ \Phi_{28}^3\ \Phi_{20}^7\ \Phi_{14}^3\ \Phi_{10}^7\ \Phi_8^3\ \Phi_7^3\ \Phi_5^7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
134234	1757	480	$\frac{3}{80}$	$\frac{11}{240}$	$\frac{1}{4}$	$\frac{229}{480}$	$\Phi_{480}^7\ \Phi_{160}^7\ \Phi_{96}^7\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}^7\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
134235	1757	480	$\frac{11}{240}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{229}{480}$	$\Phi_{480}^7\ \Phi_{160}^7\ \Phi_{96}^7\ \Phi_{32}^7\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
134236	1757	3344	$\frac{3}{88}$	$\frac{85}{1672}$	$\frac{1}{4}$	$\frac{1587}{3344}$	$\Phi_{3344}\ \Phi_{304}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
134237	1757	952	$\frac{13}{238}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{225}{476}$	$\Phi_{952}^2\ \Phi_{476}\ \Phi_{238}^2\ \Phi_{136}^2\ \Phi_{119}^2\ \Phi_{68}\ \Phi_{56}^4\ \Phi_{34}^2\ \Phi_{28}^3\ \Phi_{17}^2\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
134238	1757	936	$\frac{1}{18}$	$\frac{17}{234}$	$\frac{1}{8}$	$\frac{217}{468}$	$\Phi_{936}^2\ \Phi_{468}\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}^4\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{36}^3\ \Phi_{26}^2\ \Phi_{24}^4\ \Phi_{18}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
134239	1757	264	$\frac{13}{264}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{264}^7\ \Phi_{132}^7\ \Phi_{88}^7\ \Phi_{66}^7\ \Phi_{44}^7\ \Phi_{33}^7\ \Phi_{24}^4\ \Phi_{22}^7\ \Phi_{12}^3\ \Phi_{11}^7\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
134240	1757	1848	$\frac{1}{21}$	$\frac{20}{231}$	$\frac{1}{8}$	$\frac{211}{462}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}^2\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}^2\ \Phi_{77}\ \Phi_{56}^2\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
134241	1757	256	$\frac{5}{256}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{256}^7\ \Phi_{128}^7\ \Phi_{64}^6\ \Phi_{32}^7\ \Phi_{16}^7\ \Phi_8^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
134242	1757	3200	$\frac{3}{160}$	$\frac{157}{1600}$	$\frac{1}{4}$	$\frac{1443}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
134243	1757	3168	$\frac{3}{176}$	$\frac{173}{1584}$	$\frac{1}{4}$	$\frac{1411}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{176}\ \Phi_{96}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
134244	1757	448	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{1}{8}$	$\frac{197}{448}$	$\Phi_{448}^7\ \Phi_{64}^7\ \Phi_{56}^4\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
134245	1757	440	$\frac{3}{220}$	$\frac{31}{220}$	$\frac{1}{4}$	$\frac{189}{440}$	$\Phi_{440}^7\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}^7\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}^7\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_8^7\ \Phi_5\ \Phi_1$
134246	1757	432	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{35}{216}$	$\frac{181}{432}$	$\Phi_{432}^7\ \Phi_{144}^7\ \Phi_{72}^4\ \Phi_{48}^7\ \Phi_{36}^3\ \Phi_{24}^4\ \Phi_{18}^3\ \Phi_{16}^7\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
134247	1757	1500	$\frac{1}{125}$	$\frac{1}{6}$	$\frac{124}{375}$	$\frac{5}{12}$	$\Phi_{1500}^2\ \Phi_{500}^2\ \Phi_{375}\ \Phi_{300}^2\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
134248	1757	1020	$\frac{4}{255}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1020}^3\ \Phi_{340}^3\ \Phi_{255}\ \Phi_{204}^3\ \Phi_{85}\ \Phi_{68}^3\ \Phi_{60}^2\ \Phi_{51}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
134249	1757	300	$\frac{1}{50}$	$\frac{49}{300}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{300}^5\ \Phi_{150}^7\ \Phi_{100}^5\ \Phi_{75}^7\ \Phi_{60}^5\ \Phi_{50}^6\ \Phi_{30}^7\ \Phi_{25}^6\ \Phi_{20}^5\ \Phi_{15}^7\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_6^7\ \Phi_5^6\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
134250	1757	780	$\frac{9}{260}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^3\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}^3\ \Phi_{78}^2\ \Phi_{65}^3\ \Phi_{52}^3\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^3\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{13}^3\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
134251	1757	3300	$\frac{1}{25}$	$\frac{24}{275}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{275}\ \Phi_{220}\ \Phi_{132}\ \Phi_{55}\ \Phi_{44}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
134252	1757	840	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{41}{210}$	$\frac{169}{420}$	$\Phi_{840}^2\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^4\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^4\ \Phi_{42}^3\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^3\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
134253	1757	2816	$\frac{3}{352}$	$\frac{349}{1408}$	$\frac{1}{4}$	$\frac{1059}{2816}$	$\Phi_{2816}\ \Phi_{352}\ \Phi_{256}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
134254	1757	2336	$\frac{5}{584}$	$\frac{579}{2336}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2336}\ \Phi_{1168}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
134255	1757	1776	$\frac{19}{1776}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{592}\ \Phi_{444}\ \Phi_{296}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}\ \Phi_{48}\ \Phi_{37}\ \Phi_{16}\ \Phi_8\ \Phi_1$
134256	1757	256	$\frac{5}{256}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{256}^7\ \Phi_{128}^7\ \Phi_{64}^7\ \Phi_{32}^7\ \Phi_{16}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
134257	1757	1512	$\frac{1}{63}$	$\frac{1}{8}$	$\frac{62}{189}$	$\frac{127}{378}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}^2\ \Phi_{252}^2\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}^2\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
134258	1757	2640	$\frac{3}{440}$	$\frac{1}{4}$	$\frac{437}{1320}$	$\frac{883}{2640}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{528}\ \Phi_{440}\ \Phi_{240}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}\ \Phi_{55}\ \Phi_{48}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{16}\ \Phi_{11}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
134259	1757	1125	$\frac{1}{125}$	$\frac{2}{9}$	$\frac{124}{375}$	$\frac{1}{3}$	$\Phi_{1125}^2\ \Phi_{375}\ \Phi_{225}^2\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{15}\ \Phi_9^3\ \Phi_3\ \Phi_1$
134260	1757	765	$\frac{4}{255}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{765}^3\ \Phi_{255}\ \Phi_{153}^3\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}^2\ \Phi_{17}\ \Phi_{15}\ \Phi_9^3\ \Phi_3\ \Phi_1$
134261	1757	900	$\frac{1}{50}$	$\frac{49}{300}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{900}^3\ \Phi_{450}^2\ \Phi_{300}\ \Phi_{225}^2\ \Phi_{180}^3\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
134262	1757	2340	$\frac{9}{260}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{260}\ \Phi_{234}\ \Phi_{180}\ \Phi_{130}\ \Phi_{117}\ \Phi_{65}\ \Phi_{52}\ \Phi_{36}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_9\ \Phi_4\ \Phi_1$
134263	1757	2475	$\frac{1}{25}$	$\frac{24}{275}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2475}\ \Phi_{495}\ \Phi_{275}\ \Phi_{99}\ \Phi_{55}\ \Phi_{11}\ \Phi_9\ \Phi_1$
134264	1757	2112	$\frac{3}{176}$	$\frac{355}{2112}$	$\frac{1}{4}$	$\frac{173}{528}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{192}\ \Phi_{176}\ \Phi_{96}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
134265	1757	744	$\frac{3}{124}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{121}{372}$	$\Phi_{744}^4\ \Phi_{372}^3\ \Phi_{186}^3\ \Phi_{93}^3\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
134266	1757	648	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{73}{324}$	$\frac{35}{108}$	$\Phi_{648}^4\ \Phi_{324}^3\ \Phi_{162}^3\ \Phi_{81}^3\ \Phi_{72}^4\ \Phi_{36}^3\ \Phi_{24}^4\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
134267	1757	2592	$\frac{29}{864}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{835}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
134268	1757	1920	$\frac{3}{80}$	$\frac{163}{1920}$	$\frac{1}{4}$	$\frac{77}{240}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
134269	1757	264	$\frac{13}{264}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{264}^7\ \Phi_{132}^6\ \Phi_{88}^7\ \Phi_{66}^6\ \Phi_{44}^7\ \Phi_{33}^6\ \Phi_{24}^7\ \Phi_{22}^7\ \Phi_{12}^6\ \Phi_{11}^7\ \Phi_8^7\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
134270	1757	360	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{8}$	$\frac{109}{360}$	$\Phi_{360}^7\ \Phi_{180}^7\ \Phi_{90}^7\ \Phi_{72}^7\ \Phi_{45}^7\ \Phi_{36}^7\ \Phi_{24}^4\ \Phi_{18}^7\ \Phi_{12}^3\ \Phi_9^7\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
134271	1757	1824	$\frac{67}{1824}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{16}\ \Phi_8\ \Phi_1$
134272	1757	260	$\frac{9}{260}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{260}^7\ \Phi_{130}^7\ \Phi_{65}^7\ \Phi_{52}^7\ \Phi_{26}^7\ \Phi_{20}^3\ \Phi_{13}^7\ \Phi_{10}^5\ \Phi_5^5\ \Phi_4^2\ \Phi_2^4\ \Phi_1^5$
134273	1757	1080	$\frac{19}{270}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{27}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}^2\ \Phi_{135}\ \Phi_{120}^2\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
134274	1757	1800	$\frac{43}{1800}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
134275	1757	2400	$\frac{3}{160}$	$\frac{157}{800}$	$\frac{1}{4}$	$\frac{643}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{160}\ \Phi_{150}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
134276	1757	336	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{27}{112}$	$\frac{85}{336}$	$\Phi_{336}^7\ \Phi_{168}^7\ \Phi_{84}^7\ \Phi_{56}^4\ \Phi_{48}^7\ \Phi_{42}^7\ \Phi_{28}^3\ \Phi_{24}^7\ \Phi_{21}^7\ \Phi_{14}^3\ \Phi_{12}^7\ \Phi_8^3\ \Phi_7^3\ \Phi_6^7\ \Phi_4^2\ \Phi_3^7\ \Phi_2^2\ \Phi_1^3$
134277	1757	2320	$\frac{17}{580}$	$\frac{3}{20}$	$\frac{563}{2320}$	$\frac{1}{4}$	$\Phi_{2320}\ \Phi_{1160}\ \Phi_{464}\ \Phi_{232}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
134278	1757	2304	$\frac{29}{576}$	$\frac{3}{32}$	$\frac{547}{2304}$	$\frac{1}{4}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
134279	1757	2288	$\frac{3}{44}$	$\frac{41}{572}$	$\frac{531}{2288}$	$\frac{1}{4}$	$\Phi_{2288}\ \Phi_{1144}\ \Phi_{208}\ \Phi_{176}\ \Phi_{104}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
134280	1757	320	$\frac{3}{80}$	$\frac{11}{80}$	$\frac{69}{320}$	$\frac{1}{4}$	$\Phi_{320}^7\ \Phi_{160}^7\ \Phi_{80}\ \Phi_{64}^7\ \Phi_{40}\ \Phi_{32}^7\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
134281	1757	1920	$\frac{163}{1920}$	$\frac{3}{32}$	$\frac{29}{192}$	$\frac{1}{4}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
134282	1757	288	$\frac{3}{32}$	$\frac{29}{288}$	$\frac{37}{288}$	$\frac{1}{4}$	$\Phi_{288}^6\ \Phi_{144}^6\ \Phi_{96}^6\ \Phi_{72}^6\ \Phi_{48}^6\ \Phi_{36}^6\ \Phi_{32}^7\ \Phi_{24}^6\ \Phi_{18}^6\ \Phi_{16}^7\ \Phi_{12}^6\ \Phi_9^6\ \Phi_8^7\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
134283	1757	288	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{37}{288}$	$\frac{11}{48}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}^7\ \Phi_{72}^7\ \Phi_{36}^7\ \Phi_{32}^7\ \Phi_{24}^4\ \Phi_{18}^7\ \Phi_{12}^3\ \Phi_9^7\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
134284	1757	648	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{73}{324}$	$\Phi_{648}^3\ \Phi_{324}^2\ \Phi_{216}^3\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^3\ \Phi_{72}^4\ \Phi_{54}^2\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{24}^4\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
134285	1757	600	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{49}{300}$	$\frac{11}{60}$	$\Phi_{600}^{4}\ \Phi_{300}^{3}\ \Phi_{200}^{4}\ \Phi_{150}^{3}\ \Phi_{100}^{3}\ \Phi_{75}^{3}\ \Phi_{50}^{3}\ \Phi_{25}^{3}\ \Phi_{24}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
134286	1757	280	$\frac{29}{280}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{280}^{6}\ \Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{56}^{7}\ \Phi_{40}^{6}\ \Phi_{35}^{7}\ \Phi_{28}^{7}\ \Phi_{20}^{6}\ \Phi_{14}^{7}\ \Phi_{10}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{7}\ \Phi_{5}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
134287	1757	287	$\frac{5}{41}$	$\frac{36}{287}$	$\frac{1}{7}$	$\frac{6}{41}$	$\Phi_{287}^{6}\ \Phi_{41}^{7}\ \Phi_{7}^{5}\ \Phi_{1}^{7}$
134288	1757	1176	$\frac{6}{49}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{43}{294}$	$\Phi_{1176}^{2}\ \Phi_{588}^{2}\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{168}^{2}\ \Phi_{147}\ \Phi_{84}^{2}\ \Phi_{56}^{2}\ \Phi_{49}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
134289	1758	2920	$\frac{1}{292}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{291}{584}$	$\Phi_{2920}\ \Phi_{584}^{2}\ \Phi_{40}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
134290	1758	1752	$\frac{1}{292}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{291}{584}$	$\Phi_{1752}^{3}\ \Phi_{24}^{3}\ \Phi_{12}\ \Phi_{6}$
134291	1758	502	$\frac{1}{251}$	$\frac{42}{251}$	$\frac{209}{502}$	$\frac{125}{251}$	$\Phi_{502}^{6}\ \Phi_{251}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
134292	1758	1750	$\frac{4}{875}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{871}{1750}$	$\Phi_{1750}^{2}\ \Phi_{350}^{2}\ \Phi_{250}^{2}\ \Phi_{70}^{2}\ \Phi_{50}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
134293	1758	5250	$\frac{4}{875}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{871}{1750}$	$\Phi_{5250}\ \Phi_{1050}\ \Phi_{750}\ \Phi_{210}\ \Phi_{150}\ \Phi_{42}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
134294	1758	1056	$\frac{1}{176}$	$\frac{59}{352}$	$\frac{1}{3}$	$\frac{175}{352}$	$\Phi_{1056}^{2}\ \Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{132}^{3}\ \Phi_{96}^{2}\ \Phi_{66}^{3}\ \Phi_{48}^{3}\ \Phi_{33}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
134295	1758	4074	$\frac{2}{291}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{289}{582}$	$\Phi_{4074}\ \Phi_{1358}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
134296	1758	5232	$\frac{7}{872}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{865}{1744}$	$\Phi_{5232}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
134297	1758	581	$\frac{5}{581}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{288}{581}$	$\Phi_{581}^{3}\ \Phi_{83}^{3}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
134298	1758	392	$\frac{1}{98}$	$\frac{1}{7}$	$\frac{99}{392}$	$\frac{97}{196}$	$\Phi_{392}^{6}\ \Phi_{98}^{6}\ \Phi_{56}^{6}\ \Phi_{49}^{6}\ \Phi_{14}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
134299	1758	1740	$\frac{3}{290}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{287}{580}$	$\Phi_{1740}^{3}\ \Phi_{348}^{3}\ \Phi_{60}^{3}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^{3}\ \Phi_{6}$
134300	1758	5214	$\frac{10}{869}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{859}{1738}$	$\Phi_{5214}\ \Phi_{474}\ \Phi_{66}\ \Phi_{33}\ \Phi_{6}$
134301	1758	960	$\frac{1}{80}$	$\frac{27}{320}$	$\frac{1}{3}$	$\frac{79}{160}$	$\Phi_{960}^{3}\ \Phi_{480}^{2}\ \Phi_{240}^{3}\ \Phi_{192}^{3}\ \Phi_{120}^{3}\ \Phi_{96}^{2}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
134302	1758	1736	$\frac{11}{868}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{857}{1736}$	$\Phi_{1736}^{2}\ \Phi_{248}^{2}\ \Phi_{56}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
134303	1758	576	$\frac{5}{288}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{283}{576}$	$\Phi_{576}^{6}\ \Phi_{192}^{6}\ \Phi_{64}^{6}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
134304	1758	4032	$\frac{5}{288}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{283}{576}$	$\Phi_{4032}\ \Phi_{1344}\ \Phi_{448}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
134305	1758	574	$\frac{6}{287}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{281}{574}$	$\Phi_{574}^{6}\ \Phi_{82}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
134306	1758	5160	$\frac{19}{860}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{841}{1720}$	$\Phi_{5160}\ \Phi_{1032}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
134307	1758	336	$\frac{1}{42}$	$\frac{43}{336}$	$\frac{1}{7}$	$\frac{41}{84}$	$\Phi_{336}^{6}\ \Phi_{168}^{6}\ \Phi_{112}^{6}\ \Phi_{56}^{6}\ \Phi_{48}^{6}\ \Phi_{42}^{6}\ \Phi_{24}^{6}\ \Phi_{21}^{6}\ \Phi_{16}^{6}\ \Phi_{14}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
134308	1758	1716	$\frac{7}{286}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{279}{572}$	$\Phi_{1716}^{3}\ \Phi_{156}^{3}\ \Phi_{132}^{3}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}^{3}\ \Phi_{6}$
134309	1758	1715	$\frac{43}{1715}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{836}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}\ \Phi_{49}^{2}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
134310	1758	980	$\frac{3}{98}$	$\frac{101}{980}$	$\frac{1}{7}$	$\frac{95}{196}$	$\Phi_{980}^{2}\ \Phi_{490}^{2}\ \Phi_{245}^{2}\ \Phi_{140}^{2}\ \Phi_{98}^{2}\ \Phi_{70}^{2}\ \Phi_{49}^{2}\ \Phi_{35}^{2}\ \Phi_{20}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
134311	1758	567	$\frac{19}{567}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{274}{567}$	$\Phi_{567}^{3}\ \Phi_{189}^{3}\ \Phi_{81}^{3}\ \Phi_{63}^{3}\ \Phi_{27}^{3}\ \Phi_{21}^{6}\ \Phi_{9}^{3}\ \Phi_{7}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
134312	1758	1680	$\frac{1}{40}$	$\frac{13}{280}$	$\frac{1}{3}$	$\frac{267}{560}$	$\Phi_{1680}^{3}\ \Phi_{336}^{3}\ \Phi_{240}^{3}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}^{3}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
134313	1758	560	$\frac{13}{280}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{267}{560}$	$\Phi_{560}^{6}\ \Phi_{112}^{6}\ \Phi_{80}^{6}\ \Phi_{16}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
134314	1758	5016	$\frac{1}{44}$	$\frac{43}{836}$	$\frac{1}{3}$	$\frac{793}{1672}$	$\Phi_{5016}\ \Phi_{456}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
134315	1758	1666	$\frac{46}{833}$	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{787}{1666}$	$\Phi_{1666}^{2}\ \Phi_{238}^{2}\ \Phi_{98}^{2}\ \Phi_{49}^{2}\ \Phi_{34}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
134316	1758	2688	$\frac{17}{896}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
134317	1758	1650	$\frac{1}{55}$	$\frac{18}{275}$	$\frac{1}{3}$	$\frac{257}{550}$	$\Phi_{1650}^{3}\ \Phi_{330}^{3}\ \Phi_{165}\ \Phi_{150}^{3}\ \Phi_{66}^{3}\ \Phi_{33}\ \Phi_{30}^{3}\ \Phi_{15}\ \Phi_{6}^{3}$
134318	1758	308	$\frac{15}{308}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{308}^{6}\ \Phi_{154}^{6}\ \Phi_{77}^{6}\ \Phi_{44}^{6}\ \Phi_{22}^{6}\ \Phi_{14}^{6}\ \Phi_{11}^{6}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
134319	1758	546	$\frac{1}{21}$	$\frac{20}{273}$	$\frac{1}{7}$	$\frac{253}{546}$	$\Phi_{546}^{6}\ \Phi_{182}^{6}\ \Phi_{78}^{6}\ \Phi_{42}^{6}\ \Phi_{26}^{6}\ \Phi_{21}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
134320	1758	539	$\frac{2}{49}$	$\frac{47}{539}$	$\frac{1}{7}$	$\frac{246}{539}$	$\Phi_{539}^{3}\ \Phi_{77}^{3}\ \Phi_{49}^{6}\ \Phi_{11}^{3}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
134321	1758	4800	$\frac{1}{80}$	$\frac{79}{800}$	$\frac{1}{3}$	$\frac{721}{1600}$	$\Phi_{4800}\ \Phi_{960}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
134322	1758	528	$\frac{1}{88}$	$\frac{29}{264}$	$\frac{1}{3}$	$\frac{235}{528}$	$\Phi_{528}^6\ \Phi_{264}\ \Phi_{176}^6\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}^6\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}^6\ \Phi_{12}\ \Phi_6$
134323	1758	1568	$\frac{3}{98}$	$\frac{95}{784}$	$\frac{1}{7}$	$\frac{689}{1568}$	$\Phi_{1568}^2\ \Phi_{224}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{32}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
134324	1758	4620	$\frac{1}{110}$	$\frac{109}{770}$	$\frac{1}{3}$	$\frac{661}{1540}$	$\Phi_{4620}\ \Phi_{924}\ \Phi_{660}\ \Phi_{420}\ \Phi_{330}\ \Phi_{165}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{60}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
134325	1758	350	$\frac{4}{175}$	$\frac{1}{7}$	$\frac{57}{350}$	$\frac{3}{7}$	$\Phi_{350}^6\ \Phi_{175}^4\ \Phi_{70}^6\ \Phi_{50}^6\ \Phi_{35}^4\ \Phi_{25}^4\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7^5\ \Phi_5^4\ \Phi_2^6\ \Phi_1^6$
134326	1758	910	$\frac{31}{910}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{182}^2\ \Phi_{130}^2\ \Phi_{91}^2\ \Phi_{70}^2\ \Phi_{65}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
134327	1758	504	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{41}{252}$	$\frac{211}{504}$	$\Phi_{504}^6\ \Phi_{168}^6\ \Phi_{72}^6\ \Phi_{56}^6\ \Phi_{42}^6\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
134328	1758	2100	$\frac{7}{300}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
134329	1758	502	$\frac{5}{251}$	$\frac{41}{251}$	$\frac{42}{251}$	$\frac{209}{502}$	$\Phi_{502}^6\ \Phi_{251}\ \Phi_2^6\ \Phi_1^2$
134330	1758	490	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{48}{245}$	$\frac{197}{490}$	$\Phi_{490}^6\ \Phi_{98}^6\ \Phi_{70}^6\ \Phi_{49}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
134331	1758	2190	$\frac{1}{146}$	$\frac{1}{5}$	$\frac{145}{438}$	$\frac{2}{5}$	$\Phi_{2190}\ \Phi_{1095}\ \Phi_{438}^2\ \Phi_{219}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
134332	1758	1480	$\frac{3}{296}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1480}\ \Phi_{740}\ \Phi_{370}\ \Phi_{296}^2\ \Phi_{185}\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{40}\ \Phi_{37}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
134333	1758	365	$\frac{1}{73}$	$\frac{72}{365}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{365}^5\ \Phi_{73}^4\ \Phi_5^6\ \Phi_1^6$
134334	1758	896	$\frac{17}{896}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{896}^2\ \Phi_{448}^2\ \Phi_{224}^2\ \Phi_{128}^2\ \Phi_{112}^2\ \Phi_{64}^2\ \Phi_{56}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
134335	1758	4224	$\frac{1}{176}$	$\frac{175}{704}$	$\frac{1}{3}$	$\frac{529}{1408}$	$\Phi_{4224}\ \Phi_{528}\ \Phi_{384}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
134336	1758	441	$\frac{2}{147}$	$\frac{1}{7}$	$\frac{145}{441}$	$\frac{148}{441}$	$\Phi_{441}^3\ \Phi_{147}^6\ \Phi_{63}^3\ \Phi_{49}^6\ \Phi_{21}^6\ \Phi_9^3\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
134337	1758	1320	$\frac{1}{220}$	$\frac{73}{220}$	$\frac{1}{3}$	$\frac{147}{440}$	$\Phi_{1320}^3\ \Phi_{660}\ \Phi_{330}\ \Phi_{264}^3\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}^3\ \Phi_{66}\ \Phi_{60}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
134338	1758	876	$\frac{1}{146}$	$\frac{1}{4}$	$\frac{145}{438}$	$\frac{1}{3}$	$\Phi_{876}^2\ \Phi_{438}\ \Phi_{292}^4\ \Phi_{219}\ \Phi_{146}^2\ \Phi_{73}^2\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134339	1758	1056	$\frac{1}{88}$	$\frac{59}{352}$	$\frac{29}{88}$	$\frac{1}{3}$	$\Phi_{1056}^3\ \Phi_{528}^3\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}^3\ \Phi_{66}\ \Phi_{48}^3\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
134340	1758	330	$\frac{1}{55}$	$\frac{37}{330}$	$\frac{18}{55}$	$\frac{1}{3}$	$\Phi_{330}^6\ \Phi_{165}^4\ \Phi_{110}^6\ \Phi_{66}^6\ \Phi_{55}^6\ \Phi_{33}^4\ \Phi_{30}^6\ \Phi_{22}^6\ \Phi_{15}^4\ \Phi_{11}^6\ \Phi_{10}^6\ \Phi_6^6\ \Phi_5^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
134341	1758	960	$\frac{1}{40}$	$\frac{27}{320}$	$\frac{13}{40}$	$\frac{1}{3}$	$\Phi_{960}^3\ \Phi_{480}^3\ \Phi_{240}^3\ \Phi_{192}^3\ \Phi_{120}\ \Phi_{96}^3\ \Phi_{60}\ \Phi_{48}^3\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
134342	1758	432	$\frac{5}{144}$	$\frac{1}{16}$	$\frac{139}{432}$	$\frac{1}{3}$	$\Phi_{432}^6\ \Phi_{216}^6\ \Phi_{108}^6\ \Phi_{54}^6\ \Phi_{48}\ \Phi_{27}^6\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
134343	1758	924	$\frac{1}{22}$	$\frac{15}{308}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{924}^3\ \Phi_{462}^3\ \Phi_{231}^3\ \Phi_{132}^3\ \Phi_{84}^3\ \Phi_{66}\ \Phi_{42}^3\ \Phi_{33}\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_6$
134344	1758	912	$\frac{11}{304}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{912}^3\ \Phi_{456}^3\ \Phi_{228}^3\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
134345	1758	300	$\frac{7}{300}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^6\ \Phi_{75}^6\ \Phi_{60}^6\ \Phi_{50}^6\ \Phi_{30}^4\ \Phi_{25}^6\ \Phi_{20}^6\ \Phi_{15}^4\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
134346	1758	297	$\frac{4}{297}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{297}^6\ \Phi_{99}^6\ \Phi_{33}^5\ \Phi_{27}^6\ \Phi_{11}^6\ \Phi_9^6\ \Phi_3^4\ \Phi_1^6$
134347	1758	1200	$\frac{1}{80}$	$\frac{79}{400}$	$\frac{107}{400}$	$\frac{1}{3}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{300}^2\ \Phi_{240}^3\ \Phi_{150}^2\ \Phi_{120}^3\ \Phi_{75}^2\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
134348	1758	888	$\frac{3}{296}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{888}^3\ \Phi_{444}^3\ \Phi_{222}^3\ \Phi_{111}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
134349	1758	3504	$\frac{3}{292}$	$\frac{289}{1168}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3504}\ \Phi_{1752}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
134350	1758	4380	$\frac{1}{73}$	$\frac{72}{365}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{4380}\ \Phi_{2190}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}\ \Phi_6$
134351	1758	3480	$\frac{9}{290}$	$\frac{1}{10}$	$\frac{281}{1160}$	$\frac{1}{3}$	$\Phi_{3480}\ \Phi_{1740}\ \Phi_{696}\ \Phi_{348}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
134352	1758	384	$\frac{5}{96}$	$\frac{1}{16}$	$\frac{91}{384}$	$\frac{1}{3}$	$\Phi_{384}^6\ \Phi_{192}^6\ \Phi_{128}^6\ \Phi_{64}^6\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
134353	1758	3432	$\frac{1}{22}$	$\frac{21}{286}$	$\frac{265}{1144}$	$\frac{1}{3}$	$\Phi_{3432}\ \Phi_{1716}\ \Phi_{312}\ \Phi_{264}\ \Phi_{156}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
134354	1758	3360	$\frac{1}{40}$	$\frac{39}{280}$	$\frac{241}{1120}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{672}\ \Phi_{480}\ \Phi_{336}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
134355	1758	3300	$\frac{1}{55}$	$\frac{54}{275}$	$\frac{221}{1100}$	$\frac{1}{3}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{660}\ \Phi_{330}\ \Phi_{300}\ \Phi_{165}\ \Phi_{150}\ \Phi_{132}\ \Phi_{66}\ \Phi_{60}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
134356	1758	1050	$\frac{4}{175}$	$\frac{57}{350}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1050}^{3}\ \Phi_{525}^{2}\ \Phi_{210}^{3}\ \Phi_{150}^{3}\ \Phi_{105}^{2}\ \Phi_{75}^{2}\ \Phi_{42}^{3}\ \Phi_{30}^{3}\ \Phi_{21}^{2}\ \Phi_{15}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
134357	1758	300	$\frac{7}{300}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{300}^{6}\ \Phi_{150}^{6}\ \Phi_{100}^{6}\ \Phi_{75}^{5}\ \Phi_{60}^{6}\ \Phi_{50}^{6}\ \Phi_{30}^{6}\ \Phi_{25}^{6}\ \Phi_{20}^{6}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{10}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
134358	1758	3000	$\frac{4}{125}$	$\frac{121}{1000}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
134359	1758	2730	$\frac{31}{910}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{273}\ \Phi_{210}\ \Phi_{195}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
134360	1758	960	$\frac{1}{16}$	$\frac{27}{320}$	$\frac{5}{32}$	$\frac{1}{3}$	$\Phi_{960}^{3}\ \Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{192}^{3}\ \Phi_{120}^{3}\ \Phi_{60}^{3}\ \Phi_{48}\ \Phi_{30}^{3}\ \Phi_{24}\ \Phi_{15}^{3}\ \Phi_{12}\ \Phi_{6}$
134361	1758	336	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{43}{336}$	$\frac{1}{3}$	$\Phi_{336}^{6}\ \Phi_{168}^{6}\ \Phi_{112}^{6}\ \Phi_{84}^{6}\ \Phi_{56}^{6}\ \Phi_{48}\ \Phi_{42}^{6}\ \Phi_{28}^{6}\ \Phi_{24}\ \Phi_{21}^{6}\ \Phi_{14}^{6}\ \Phi_{12}\ \Phi_{7}^{6}\ \Phi_{6}$
134362	1758	378	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{85}{378}$	$\frac{41}{126}$	$\Phi_{378}^{6}\ \Phi_{189}^{6}\ \Phi_{54}^{6}\ \Phi_{42}^{6}\ \Phi_{27}^{6}\ \Phi_{21}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
134363	1758	434	$\frac{11}{434}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{141}{434}$	$\Phi_{434}^{4}\ \Phi_{217}^{4}\ \Phi_{62}^{4}\ \Phi_{31}^{4}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
134364	1758	3024	$\frac{5}{144}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{139}{432}$	$\Phi_{3024}\ \Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
134365	1758	420	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{7}$	$\frac{127}{420}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{105}^{6}\ \Phi_{84}^{6}\ \Phi_{60}^{6}\ \Phi_{42}^{6}\ \Phi_{30}^{6}\ \Phi_{21}^{6}\ \Phi_{15}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
134366	1758	315	$\frac{22}{315}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{63}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{63}^{3}\ \Phi_{45}^{6}\ \Phi_{35}^{6}\ \Phi_{21}^{6}\ \Phi_{15}^{6}\ \Phi_{9}^{3}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
134367	1758	2142	$\frac{13}{306}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{119}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
134368	1758	392	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{95}{392}$	$\frac{99}{392}$	$\Phi_{392}^{4}\ \Phi_{196}^{4}\ \Phi_{98}^{6}\ \Phi_{56}^{4}\ \Phi_{49}^{6}\ \Phi_{28}^{4}\ \Phi_{14}^{6}\ \Phi_{8}^{4}\ \Phi_{7}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
134369	1758	2688	$\frac{5}{96}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{91}{384}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{896}\ \Phi_{448}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
134370	1758	336	$\frac{1}{14}$	$\frac{43}{336}$	$\frac{1}{7}$	$\frac{13}{56}$	$\Phi_{336}^{6}\ \Phi_{168}^{6}\ \Phi_{112}^{6}\ \Phi_{84}^{6}\ \Phi_{48}^{6}\ \Phi_{42}^{6}\ \Phi_{24}^{6}\ \Phi_{21}^{6}\ \Phi_{16}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
134371	1758	378	$\frac{2}{21}$	$\frac{19}{189}$	$\frac{1}{7}$	$\frac{85}{378}$	$\Phi_{378}^{6}\ \Phi_{189}^{3}\ \Phi_{126}^{6}\ \Phi_{63}^{3}\ \Phi_{54}^{6}\ \Phi_{42}^{6}\ \Phi_{27}^{3}\ \Phi_{21}^{6}\ \Phi_{18}^{6}\ \Phi_{14}^{6}\ \Phi_{9}^{3}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
134372	1758	2184	$\frac{19}{312}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{91}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
134373	1758	2520	$\frac{5}{72}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{67}{360}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
134374	1758	350	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{57}{350}$	$\frac{13}{70}$	$\Phi_{350}^{6}\ \Phi_{175}^{6}\ \Phi_{50}^{6}\ \Phi_{25}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
134375	1758	980	$\frac{101}{980}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{245}$	$\Phi_{980}^{2}\ \Phi_{490}^{2}\ \Phi_{245}\ \Phi_{196}^{2}\ \Phi_{140}^{2}\ \Phi_{98}^{2}\ \Phi_{70}^{2}\ \Phi_{49}^{2}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
134376	1758	2268	$\frac{31}{324}$	$\frac{5}{36}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
134377	1758	336	$\frac{5}{48}$	$\frac{43}{336}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{336}^{5}\ \Phi_{168}^{5}\ \Phi_{112}^{5}\ \Phi_{84}^{5}\ \Phi_{56}^{5}\ \Phi_{48}^{6}\ \Phi_{42}^{6}\ \Phi_{28}^{5}\ \Phi_{24}^{6}\ \Phi_{21}^{6}\ \Phi_{16}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
134378	1758	343	$\frac{6}{49}$	$\frac{43}{343}$	$\frac{1}{7}$	$\frac{50}{343}$	$\Phi_{343}^{5}\ \Phi_{49}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
134379	1759	3504	$\frac{7}{1752}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1745}{3504}$	$\Phi_{3504}\ \Phi_{1168}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
134380	1759	3492	$\frac{13}{1746}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1733}{3492}$	$\Phi_{3492}\ \Phi_{1164}\ \Phi_{388}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
134381	1759	2352	$\frac{5}{588}$	$\frac{1}{6}$	$\frac{593}{2352}$	$\frac{583}{1176}$	$\Phi_{2352}\ \Phi_{784}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{112}\ \Phi_{98}\ \Phi_{84}\ \Phi_{49}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
134382	1759	3456	$\frac{31}{1728}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1697}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
134383	1759	2016	$\frac{5}{252}$	$\frac{257}{2016}$	$\frac{1}{6}$	$\frac{247}{504}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
134384	1759	3444	$\frac{37}{1722}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1685}{3444}$	$\Phi_{3444}\ \Phi_{1148}\ \Phi_{492}\ \Phi_{164}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
134385	1759	3360	$\frac{79}{1680}$	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1601}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
134386	1759	1848	$\frac{89}{1848}$	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{79}{168}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{11}\ \Phi_7\ \Phi_4\ \Phi_1$
134387	1759	3276	$\frac{5}{126}$	$\frac{121}{1638}$	$\frac{1}{6}$	$\frac{1517}{3276}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}\ \Phi_{156}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{52}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
134388	1759	1800	$\frac{41}{1800}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
134389	1759	3024	$\frac{5}{252}$	$\frac{247}{1512}$	$\frac{1}{6}$	$\frac{1265}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
134390	1759	2628	$\frac{7}{876}$	$\frac{1}{6}$	$\frac{869}{2628}$	$\frac{5}{12}$	$\Phi_{2628}\ \Phi_{1314}\ \Phi_{657}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
134391	1759	1776	$\frac{17}{1776}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{592}\ \Phi_{444}\ \Phi_{296}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}\ \Phi_{48}\ \Phi_{37}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
134392	1759	2940	$\frac{5}{294}$	$\frac{1}{6}$	$\frac{289}{1470}$	$\frac{1181}{2940}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{420}\ \Phi_{294}\ \Phi_{196}\ \Phi_{147}\ \Phi_{140}\ \Phi_{98}\ \Phi_{84}\ \Phi_{60}\ \Phi_{49}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
134393	1759	2268	$\frac{5}{252}$	$\frac{1}{6}$	$\frac{509}{2268}$	$\frac{247}{756}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{324}\ \Phi_{252}\ \Phi_{162}\ \Phi_{126}\ \Phi_{84}\ \Phi_{81}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
134394	1759	2592	$\frac{31}{864}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{833}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
134395	1759	2520	$\frac{5}{84}$	$\frac{79}{840}$	$\frac{1}{6}$	$\frac{761}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
134396	1759	1836	$\frac{77}{1836}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
134397	1759	2304	$\frac{31}{576}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{545}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
134398	1759	2016	$\frac{5}{84}$	$\frac{257}{2016}$	$\frac{1}{6}$	$\frac{79}{336}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
134399	1759	1872	$\frac{113}{1872}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{144}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
134400	1759	2100	$\frac{5}{84}$	$\frac{341}{2100}$	$\frac{1}{6}$	$\frac{79}{420}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{50}\ \Phi_{42}\ \Phi_{28}\ \Phi_{25}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
134401	1759	2160	$\frac{31}{432}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{401}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
134402	1759	1944	$\frac{185}{1944}$	$\frac{5}{36}$	$\frac{31}{216}$	$\frac{1}{6}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
134403	1759	2016	$\frac{31}{288}$	$\frac{257}{2016}$	$\frac{5}{36}$	$\frac{1}{6}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
134404	1760	1317	$\frac{1}{439}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{219}{439}$	$\Phi_{1317}\ \Phi_{439}^2\ \Phi_3^2\ \Phi_1^4$
134405	1760	1759	$\frac{5}{1759}$	$\frac{441}{1759}$	$\frac{659}{1759}$	$\frac{877}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134406	1760	2808	$\frac{1}{351}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{175}{351}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{351}\ \Phi_{312}\ \Phi_{216}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{39}\ \Phi_{27}\ \Phi_{24}\ \Phi_{13}\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
134407	1760	2643	$\frac{3}{881}$	$\frac{221}{881}$	$\frac{1}{3}$	$\frac{439}{881}$	Φ_{2643}
134408	1760	1533	$\frac{1}{219}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{109}{219}$	$\Phi_{1533}\ \Phi_{511}\ \Phi_{219}^2\ \Phi_{73}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
134409	1760	1095	$\frac{1}{219}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{109}{219}$	$\Phi_{1095}^2\ \Phi_{365}^2\ \Phi_{15}^3\ \Phi_5^2$
134410	1760	1759	$\frac{9}{1759}$	$\frac{221}{1759}$	$\frac{769}{1759}$	$\frac{875}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134411	1760	1575	$\frac{1}{175}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{87}{175}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}^2\ \Phi_{105}\ \Phi_{75}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_9^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
134412	1760	1050	$\frac{1}{175}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{87}{175}$	$\Phi_{1050}^2\ \Phi_{525}\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
134413	1760	1759	$\frac{11}{1759}$	$\frac{177}{1759}$	$\frac{791}{1759}$	$\frac{874}{1759}$	$\Phi_{1759}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
134414	1760	3180	$\frac{1}{159}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{79}{159}$	$\Phi_{3180}\ \Phi_{1060}\ \Phi_{636}\ \Phi_{212}\ \Phi_{159}\ \Phi_{60}\ \Phi_{53}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
134415	1760	795	$\frac{1}{159}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{79}{159}$	$\Phi_{795}^2\ \Phi_{265}^2\ \Phi_{159}^3\ \Phi_{53}^3\ \Phi_{15}^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
134416	1760	735	$\frac{1}{147}$	$\frac{1}{5}$	$\frac{37}{147}$	$\frac{73}{147}$	$\Phi_{735}^3\ \Phi_{245}^3\ \Phi_{105}^3\ \Phi_{35}^3\ \Phi_{15}^3\ \Phi_5^2$
134417	1760	1759	$\frac{13}{1759}$	$\frac{329}{1759}$	$\frac{443}{1759}$	$\frac{873}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134418	1760	2643	$\frac{7}{881}$	$\frac{111}{881}$	$\frac{1}{3}$	$\frac{437}{881}$	Φ_{2643}
134419	1760	2118	$\frac{3}{353}$	$\frac{1}{6}$	$\frac{89}{353}$	$\frac{175}{353}$	$\Phi_{2118}\ \Phi_{1059}\ \Phi_{706}$
134420	1760	1635	$\frac{1}{109}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{54}{109}$	$\Phi_{1635}\ \Phi_{545}\ \Phi_{327}\ \Phi_{109}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
134421	1760	981	$\frac{1}{109}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{54}{109}$	$\Phi_{981}^2\ \Phi_{327}\ \Phi_{109}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
134422	1760	545	$\frac{1}{109}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{54}{109}$	$\Phi_{545}^3\ \Phi_{109}^4\ \Phi_5^6\ \Phi_1^8$
134423	1760	1759	$\frac{17}{1759}$	$\frac{111}{1759}$	$\frac{824}{1759}$	$\frac{871}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134424	1760	1759	$\frac{17}{1759}$	$\frac{263}{1759}$	$\frac{444}{1759}$	$\frac{871}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134425	1760	2643	$\frac{9}{881}$	$\frac{89}{881}$	$\frac{1}{3}$	$\frac{436}{881}$	Φ_{2643}
134426	1760	1653	$\frac{1}{87}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{43}{87}$	$\Phi_{1653}\ \Phi_{551}\ \Phi_{87}^2\ \Phi_{57}\ \Phi_{29}^2\ \Phi_{19}^2\ \Phi_3^2\ \Phi_1^4$
134427	1760	957	$\frac{1}{87}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{43}{87}$	$\Phi_{957}^2\ \Phi_{319}^2\ \Phi_{33}^3\ \Phi_{11}^2$
134428	1760	1653	$\frac{1}{87}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{43}{87}$	$\Phi_{1653}\ \Phi_{551}\ \Phi_{87}^2\ \Phi_{57}\ \Phi_{29}^2\ \Phi_{19}^2\ \Phi_3^2\ \Phi_1^4$
134429	1760	870	$\frac{1}{87}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{43}{87}$	$\Phi_{870}^3\ \Phi_{435}^2\ \Phi_{290}^3\ \Phi_{145}^2\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
134430	1760	1759	$\frac{21}{1759}$	$\frac{89}{1759}$	$\frac{835}{1759}$	$\frac{869}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134431	1760	1659	$\frac{1}{79}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{39}{79}$	$\Phi_{1659}\ \Phi_{553}\ \Phi_{237}\ \Phi_{79}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
134432	1760	948	$\frac{1}{79}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{39}{79}$	$\Phi_{948}^2\ \Phi_{474}^2\ \Phi_{316}^2\ \Phi_{237}\ \Phi_{158}^2\ \Phi_{79}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
134433	1760	1106	$\frac{1}{79}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{39}{79}$	$\Phi_{1106}^2\ \Phi_{553}\ \Phi_{158}^2\ \Phi_{79}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
134434	1760	1759	$\frac{23}{1759}$	$\frac{81}{1759}$	$\frac{839}{1759}$	$\frac{868}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134435	1760	1989	$\frac{3}{221}$	$\frac{1}{9}$	$\frac{56}{221}$	$\frac{109}{221}$	$\Phi_{1989}\ \Phi_{663}\ \Phi_{153}\ \Phi_{117}\ \Phi_{51}\ \Phi_{39}$
134436	1760	1085	$\frac{3}{217}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{107}{217}$	$\Phi_{1085}^2\ \Phi_{155}^2\ \Phi_{35}^3\ \Phi_5^2$
134437	1760	1759	$\frac{25}{1759}$	$\frac{223}{1759}$	$\frac{384}{1759}$	$\frac{867}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134438	1760	315	$\frac{1}{63}$	$\frac{8}{63}$	$\frac{1}{5}$	$\frac{31}{63}$	$\Phi_{315}^7\ \Phi_{105}^7\ \Phi_{45}^7\ \Phi_{35}^7\ \Phi_{15}^7\ \Phi_5^6$
134439	1760	1759	$\frac{29}{1759}$	$\frac{164}{1759}$	$\frac{447}{1759}$	$\frac{865}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134440	1760	649	$\frac{1}{59}$	$\frac{1}{11}$	$\frac{15}{59}$	$\frac{29}{59}$	$\Phi_{649}^3\ \Phi_{11}^2$
134441	1760	2643	$\frac{15}{881}$	$\frac{56}{881}$	$\frac{1}{3}$	$\frac{433}{881}$	Φ_{2643}
134442	1760	1759	$\frac{31}{1759}$	$\frac{179}{1759}$	$\frac{395}{1759}$	$\frac{864}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134443	1760	3348	$\frac{1}{54}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{53}{108}$	$\Phi_{3348}\ \Phi_{1116}\ \Phi_{372}\ \Phi_{124}\ \Phi_{108}^2\ \Phi_{36}^2\ \Phi_{31}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
134444	1760	1836	$\frac{1}{54}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{53}{108}$	$\Phi_{1836}^2\ \Phi_{612}^2\ \Phi_{204}^2\ \Phi_{68}^2\ \Phi_{51}$
134445	1760	3348	$\frac{1}{54}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{53}{108}$	$\Phi_{3348}\ \Phi_{1116}\ \Phi_{372}\ \Phi_{124}\ \Phi_{108}^2\ \Phi_{36}^2\ \Phi_{31}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
134446	1760	540	$\frac{1}{54}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{53}{108}$	$\Phi_{540}^8\ \Phi_{180}^8\ \Phi_{60}^8\ \Phi_{45}\ \Phi_{20}^8\ \Phi_{15}$
134447	1760	1932	$\frac{3}{161}$	$\frac{1}{12}$	$\frac{41}{161}$	$\frac{79}{161}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{84}\ \Phi_{69}\ \Phi_{46}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
134448	1760	1759	$\frac{33}{1759}$	$\frac{224}{1759}$	$\frac{307}{1759}$	$\frac{863}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134449	1760	2118	$\frac{7}{353}$	$\frac{45}{353}$	$\frac{1}{6}$	$\frac{173}{353}$	$\Phi_{2118}\ \Phi_{1059}\ \Phi_{706}$
134450	1760	245	$\frac{1}{49}$	$\frac{5}{49}$	$\frac{1}{5}$	$\frac{24}{49}$	$\Phi_{245}^9\ \Phi_{35}^9\ \Phi_5^8$
134451	1760	1759	$\frac{37}{1759}$	$\frac{131}{1759}$	$\frac{449}{1759}$	$\frac{861}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134452	1760	2643	$\frac{19}{881}$	$\frac{45}{881}$	$\frac{1}{3}$	$\frac{431}{881}$	Φ_{2643}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
134453	1760	1677	$\frac{1}{43}$	$\frac{1}{39}$	$\frac{19}{39}$	$\frac{21}{43}$	$\Phi_{1677}\ \Phi_{559}\ \Phi_{129}\ \Phi_{43}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
134454	1760	903	$\frac{1}{43}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{903}^2\ \Phi_{301}^2\ \Phi_{129}\ \Phi_{43}^2\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
134455	1760	559	$\frac{1}{43}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{21}{43}$	$\Phi_{559}^3\ \Phi_{43}^4\ \Phi_{13}^6\ \Phi_1^8$
134456	1760	2365	$\frac{1}{43}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{21}{43}$	$\Phi_{2365}\ \Phi_{55}^2$
134457	1760	1677	$\frac{1}{43}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{21}{43}$	$\Phi_{1677}\ \Phi_{559}\ \Phi_{129}\ \Phi_{43}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
134458	1760	774	$\frac{1}{43}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{21}{43}$	$\Phi_{774}^3\ \Phi_{387}^2\ \Phi_{258}^2\ \Phi_{129}\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{18}^6\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
134459	1760	1759	$\frac{41}{1759}$	$\frac{45}{1759}$	$\frac{857}{1759}$	$\frac{859}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134460	1760	1759	$\frac{41}{1759}$	$\frac{119}{1759}$	$\frac{450}{1759}$	$\frac{859}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134461	1760	2643	$\frac{21}{881}$	$\frac{41}{881}$	$\frac{1}{3}$	$\frac{430}{881}$	Φ_{2643}
134462	1760	897	$\frac{1}{39}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{897}^2\ \Phi_{299}^2\ \Phi_{69}^3\ \Phi_{23}^2$
134463	1760	1677	$\frac{1}{39}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{19}{39}$	$\Phi_{1677}\ \Phi_{559}\ \Phi_{129}\ \Phi_{43}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
134464	1760	780	$\frac{1}{39}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{19}{39}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{260}^3\ \Phi_{195}^2\ \Phi_{130}^3\ \Phi_{65}^2\ \Phi_{60}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
134465	1760	1258	$\frac{1}{37}$	$\frac{1}{17}$	$\frac{19}{74}$	$\frac{18}{37}$	$\Phi_{1258}^2\ \Phi_{629}\ \Phi_{34}^2$
134466	1760	1767	$\frac{1}{31}$	$\frac{2}{57}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{1767}\ \Phi_{589}\ \Phi_{57}^2\ \Phi_{31}\ \Phi_{19}^2\ \Phi_1^2$
134467	1760	2511	$\frac{1}{31}$	$\frac{1}{27}$	$\frac{26}{81}$	$\frac{15}{31}$	$\Phi_{2511}\ \Phi_{81}^2\ \Phi_{31}\ \Phi_1^2$
134468	1760	2232	$\frac{1}{31}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{15}{31}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{744}\ \Phi_{372}\ \Phi_{248}\ \Phi_{124}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{31}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
134469	1760	837	$\frac{1}{31}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{15}{31}$	$\Phi_{837}^2\ \Phi_{279}^2\ \Phi_{93}^2\ \Phi_{31}^3\ \Phi_{27}^4\ \Phi_9^4\ \Phi_3^4\ \Phi_1^6$
134470	1760	372	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{15}{31}$	$\Phi_{372}^5\ \Phi_{186}^4\ \Phi_{124}^5\ \Phi_{93}^4\ \Phi_{62}^4\ \Phi_{31}^5\ \Phi_{12}^{10}\ \Phi_6^8\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
134471	1760	1953	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{15}{31}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{217}\ \Phi_{63}^2\ \Phi_{31}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
134472	1760	1869	$\frac{3}{89}$	$\frac{1}{21}$	$\frac{23}{89}$	$\frac{43}{89}$	$\Phi_{1869}\ \Phi_{623}\ \Phi_{267}$
134473	1760	1759	$\frac{61}{1759}$	$\frac{91}{1759}$	$\frac{417}{1759}$	$\frac{849}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134474	1760	1759	$\frac{65}{1759}$	$\frac{114}{1759}$	$\frac{329}{1759}$	$\frac{847}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134475	1760	621	$\frac{1}{27}$	$\frac{1}{23}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{621}^3\ \Phi_{207}^3\ \Phi_{69}^3\ \Phi_{23}^2$
134476	1760	1759	$\frac{67}{1759}$	$\frac{83}{1759}$	$\frac{419}{1759}$	$\frac{846}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134477	1760	924	$\frac{3}{77}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{37}{77}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^3\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}^3\ \Phi_{33}^2\ \Phi_{28}^3\ \Phi_{22}^2\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2$
134478	1760	1947	$\frac{7}{177}$	$\frac{1}{11}$	$\frac{23}{177}$	$\frac{85}{177}$	$\Phi_{1947}\ \Phi_{649}\ \Phi_{33}$
134479	1760	1759	$\frac{71}{1759}$	$\frac{183}{1759}$	$\frac{197}{1759}$	$\frac{844}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134480	1760	1989	$\frac{9}{221}$	$\frac{23}{221}$	$\frac{1}{9}$	$\frac{106}{221}$	$\Phi_{1989}\ \Phi_{663}\ \Phi_{153}\ \Phi_{117}\ \Phi_{51}\ \Phi_{39}$
134481	1760	1759	$\frac{73}{1759}$	$\frac{153}{1759}$	$\frac{229}{1759}$	$\frac{843}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134482	1760	2118	$\frac{15}{353}$	$\frac{23}{353}$	$\frac{1}{6}$	$\frac{169}{353}$	$\Phi_{2118}\ \Phi_{1059}\ \Phi_{706}$
134483	1760	2205	$\frac{19}{441}$	$\frac{23}{441}$	$\frac{1}{5}$	$\frac{211}{441}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{315}\ \Phi_{245}\ \Phi_{105}\ \Phi_{45}\ \Phi_{35}\ \Phi_{15}$
134484	1760	276	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{3}{23}$	$\frac{11}{23}$	$\Phi_{276}^7\ \Phi_{138}^7\ \Phi_{92}^7\ \Phi_{69}^7\ \Phi_{46}^7\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6$
134485	1760	1759	$\frac{65}{1759}$	$\frac{77}{1759}$	$\frac{459}{1759}$	$\frac{841}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134486	1760	2643	$\frac{23}{881}$	$\frac{39}{881}$	$\frac{1}{3}$	$\frac{421}{881}$	Φ_{2643}
134487	1760	1759	$\frac{81}{1759}$	$\frac{139}{1759}$	$\frac{230}{1759}$	$\frac{839}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134488	1760	861	$\frac{1}{41}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{861}^2\ \Phi_{287}^2\ \Phi_{123}^3\ \Phi_{41}^2$
134489	1760	1659	$\frac{3}{79}$	$\frac{1}{21}$	$\frac{19}{79}$	$\frac{10}{21}$	$\Phi_{1659}\ \Phi_{553}\ \Phi_{237}\ \Phi_{79}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
134490	1760	105	$\frac{1}{21}$	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{105}^{21}\ \Phi_{35}^{21}\ \Phi_{15}^{21}\ \Phi_5^{20}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
134491	1760	1659	$\frac{1}{21}$	$\frac{4}{79}$	$\frac{15}{79}$	$\frac{10}{21}$	$\Phi_{1659}\ \Phi_{553}\ \Phi_{237}\ \Phi_{79}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
134492	1760	714	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{10}{21}$	$\Phi_{714}^3\ \Phi_{357}^2\ \Phi_{238}^3\ \Phi_{119}^2\ \Phi_{102}^4\ \Phi_{51}^3\ \Phi_{34}^4\ \Phi_{17}^2$
134493	1760	1659	$\frac{1}{21}$	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{10}{21}$	$\Phi_{1659}\ \Phi_{553}\ \Phi_{237}\ \Phi_{79}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
134494	1760	693	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{10}{21}$	$\Phi_{693}^3\ \Phi_{231}^2\ \Phi_{99}^4\ \Phi_{77}^2\ \Phi_{33}^3\ \Phi_{11}^2$
134495	1760	1759	$\frac{59}{1759}$	$\frac{85}{1759}$	$\frac{461}{1759}$	$\frac{837}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134496	1760	2643	$\frac{21}{881}$	$\frac{43}{881}$	$\frac{1}{3}$	$\frac{419}{881}$	Φ_{2643}
134497	1760	1759	$\frac{84}{1759}$	$\frac{89}{1759}$	$\frac{335}{1759}$	$\frac{835}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134498	1760	855	$\frac{1}{45}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{171}^2\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{45}^4\ \Phi_{19}^2\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
134499	1760	551	$\frac{1}{29}$	$\frac{1}{19}$	$\frac{7}{29}$	$\frac{9}{19}$	$\Phi_{551}^3\ \Phi_{29}^6\ \Phi_{19}^4\ \Phi_1^8$
134500	1760	2185	$\frac{1}{23}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{2185}\ \Phi_{115}^2$
134501	1760	1653	$\frac{1}{19}$	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{9}{19}$	$\Phi_{1653}\ \Phi_{551}\ \Phi_{87}^2\ \Phi_{57}\ \Phi_{29}^2\ \Phi_{19}^2\ \Phi_3^2\ \Phi_1^4$
134502	1760	684	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{9}{19}$	$\Phi_{684}^3\ \Phi_{342}^3\ \Phi_{228}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{36}^6\ \Phi_{19}^2\ \Phi_{18}^6\ \Phi_{12}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
134503	1760	1932	$\frac{9}{161}$	$\frac{1}{12}$	$\frac{17}{161}$	$\frac{76}{161}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{84}\ \Phi_{69}\ \Phi_{46}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
134504	1760	1759	$\frac{101}{1759}$	$\frac{143}{1759}$	$\frac{186}{1759}$	$\frac{829}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134505	1760	3432	$\frac{1}{33}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
134506	1760	936	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{49}{104}$	$\Phi_{936}^4\ \Phi_{312}^4\ \Phi_{117}\ \Phi_{72}^4\ \Phi_{39}\ \Phi_{24}^4$
134507	1760	1071	$\frac{1}{17}$	$\frac{9}{119}$	$\frac{1}{9}$	$\frac{8}{17}$	$\Phi_{1071}^2\ \Phi_{357}^2\ \Phi_{153}\ \Phi_{63}^2\ \Phi_{51}\ \Phi_{21}^2$
134508	1760	2118	$\frac{17}{353}$	$\frac{21}{353}$	$\frac{1}{6}$	$\frac{166}{353}$	$\Phi_{2118}\ \Phi_{1059}\ \Phi_{706}$
134509	1760	840	$\frac{1}{56}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^3\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^3\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
134510	1760	615	$\frac{1}{41}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{615}^3\ \Phi_{205}^3\ \Phi_{123}^3\ \Phi_{41}^2$
134511	1760	1635	$\frac{4}{109}$	$\frac{1}{15}$	$\frac{21}{109}$	$\frac{7}{15}$	$\Phi_{1635}\ \Phi_{545}\ \Phi_{327}\ \Phi_{109}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
134512	1760	690	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{690}^3\ \Phi_{345}^2\ \Phi_{230}^3\ \Phi_{138}^4\ \Phi_{115}^2\ \Phi_{69}^3\ \Phi_{46}^4\ \Phi_{23}^2$
134513	1760	1635	$\frac{1}{15}$	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{7}{15}$	$\Phi_{1635}\ \Phi_{545}\ \Phi_{327}\ \Phi_{109}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
134514	1760	660	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{7}{15}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}^2\ \Phi_{132}^4\ \Phi_{110}^3\ \Phi_{66}^4\ \Phi_{55}^2\ \Phi_{44}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{11}^2$
134515	1760	1759	$\frac{47}{1759}$	$\frac{121}{1759}$	$\frac{428}{1759}$	$\frac{819}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134516	1760	1845	$\frac{1}{45}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{369}\ \Phi_{205}\ \Phi_{123}$
134517	1760	1759	$\frac{59}{1759}$	$\frac{129}{1759}$	$\frac{340}{1759}$	$\frac{815}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134518	1760	1759	$\frac{43}{1759}$	$\frac{133}{1759}$	$\frac{429}{1759}$	$\frac{813}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134519	1760	117	$\frac{7}{117}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{6}{13}$	$\Phi_{117}^{15}\ \Phi_{39}^{15}\ \Phi_{13}^{16}\ \Phi_9^{14}\ \Phi_3^{14}\ \Phi_1^{16}$
134520	1760	306	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{1}{9}$	$\frac{47}{102}$	$\Phi_{306}^{12}\ \Phi_{153}\ \Phi_{102}^8\ \Phi_{51}\ \Phi_{34}^8\ \Phi_{18}^{12}\ \Phi_6^8\ \Phi_2^8$
134521	1760	1869	$\frac{1}{21}$	$\frac{7}{89}$	$\frac{12}{89}$	$\frac{41}{89}$	$\Phi_{1869}\ \Phi_{623}\ \Phi_{267}$
134522	1760	1759	$\frac{95}{1759}$	$\frac{141}{1759}$	$\frac{208}{1759}$	$\frac{809}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134523	1760	629	$\frac{1}{17}$	$\frac{3}{37}$	$\frac{4}{37}$	$\frac{17}{37}$	$\Phi_{629}^3\ \Phi_{17}^2$
134524	1760	1759	$\frac{119}{1759}$	$\frac{145}{1759}$	$\frac{164}{1759}$	$\frac{807}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134525	1760	649	$\frac{4}{59}$	$\frac{5}{59}$	$\frac{1}{11}$	$\frac{27}{59}$	$\Phi_{649}^3\ \Phi_{11}^2$
134526	1760	1759	$\frac{98}{1759}$	$\frac{151}{1759}$	$\frac{191}{1759}$	$\frac{804}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134527	1760	1989	$\frac{12}{221}$	$\frac{19}{221}$	$\frac{1}{9}$	$\frac{101}{221}$	$\Phi_{1989}\ \Phi_{663}\ \Phi_{153}\ \Phi_{117}\ \Phi_{51}\ \Phi_{39}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
134528	1760	1863	$\frac{1}{23}$	$\frac{7}{81}$	$\frac{11}{81}$	$\frac{37}{81}$	$\Phi_{1863}\ \Phi_{621}\ \Phi_{207}\ \Phi_{69}$
134529	1760	1759	$\frac{76}{1759}$	$\frac{153}{1759}$	$\frac{239}{1759}$	$\frac{803}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134530	1760	2118	$\frac{12}{353}$	$\frac{31}{353}$	$\frac{1}{6}$	$\frac{161}{353}$	$\Phi_{2118}\ \Phi_{1059}\ \Phi_{706}$
134531	1760	1759	$\frac{87}{1759}$	$\frac{155}{1759}$	$\frac{209}{1759}$	$\frac{802}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134532	1760	735	$\frac{4}{147}$	$\frac{13}{147}$	$\frac{1}{5}$	$\frac{67}{147}$	$\Phi_{735}^3\ \Phi_{245}^3\ \Phi_{105}^3\ \Phi_{35}^3\ \Phi_{15}^3\ \Phi_5^2$
134533	1760	1759	$\frac{32}{1759}$	$\frac{157}{1759}$	$\frac{479}{1759}$	$\frac{801}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134534	1760	2643	$\frac{12}{881}$	$\frac{79}{881}$	$\frac{1}{3}$	$\frac{401}{881}$	Φ_{2643}
134535	1760	616	$\frac{1}{56}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{616}^3\ \Phi_{308}^3\ \Phi_{154}^3\ \Phi_{88}^3\ \Phi_{77}^3\ \Phi_{56}^2\ \Phi_{44}^3\ \Phi_{28}^2\ \Phi_{22}^3\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2$
134536	1760	1759	$\frac{120}{1759}$	$\frac{149}{1759}$	$\frac{161}{1759}$	$\frac{799}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134537	1760	1932	$\frac{11}{161}$	$\frac{1}{12}$	$\frac{15}{161}$	$\frac{73}{161}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{84}\ \Phi_{69}\ \Phi_{46}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
134538	1760	1989	$\frac{11}{221}$	$\frac{21}{221}$	$\frac{1}{9}$	$\frac{100}{221}$	$\Phi_{1989}\ \Phi_{663}\ \Phi_{153}\ \Phi_{117}\ \Phi_{51}\ \Phi_{39}$
134539	1760	1759	$\frac{69}{1759}$	$\frac{169}{1759}$	$\frac{241}{1759}$	$\frac{795}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134540	1760	2205	$\frac{11}{441}$	$\frac{43}{441}$	$\frac{1}{5}$	$\frac{199}{441}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{315}\ \Phi_{245}\ \Phi_{105}\ \Phi_{45}\ \Phi_{35}\ \Phi_{15}$
134541	1760	1759	$\frac{29}{1759}$	$\frac{173}{1759}$	$\frac{483}{1759}$	$\frac{793}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134542	1760	2643	$\frac{11}{881}$	$\frac{87}{881}$	$\frac{1}{3}$	$\frac{397}{881}$	Φ_{2643}
134543	1760	1620	$\frac{1}{81}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1620}^2\ \Phi_{540}^2\ \Phi_{324}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
134544	1760	1060	$\frac{1}{53}$	$\frac{1}{10}$	$\frac{13}{53}$	$\frac{9}{20}$	$\Phi_{1060}^3\ \Phi_{212}^3\ \Phi_{53}^3\ \Phi_{20}^4\ \Phi_4^4\ \Phi_1^4$
134545	1760	820	$\frac{1}{41}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{820}^4\ \Phi_{205}\ \Phi_{164}^4$
134546	1760	3180	$\frac{4}{159}$	$\frac{1}{10}$	$\frac{31}{159}$	$\frac{9}{20}$	$\Phi_{3180}\ \Phi_{1060}\ \Phi_{636}\ \Phi_{212}\ \Phi_{159}\ \Phi_{60}\ \Phi_{53}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
134547	1760	660	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{660}^5\ \Phi_{220}^5\ \Phi_{132}^5\ \Phi_{66}^3\ \Phi_{60}^3\ \Phi_{44}^5\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{20}^4\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134548	1760	3180	$\frac{7}{159}$	$\frac{1}{10}$	$\frac{19}{159}$	$\frac{9}{20}$	$\Phi_{3180}\ \Phi_{1060}\ \Phi_{636}\ \Phi_{212}\ \Phi_{159}\ \Phi_{60}\ \Phi_{53}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
134549	1760	1260	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{1260}^3\ \Phi_{420}^2\ \Phi_{252}^3\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{63}^3\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
134550	1760	1060	$\frac{3}{53}$	$\frac{5}{53}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1060}^3\ \Phi_{212}^3\ \Phi_{53}^3\ \Phi_{20}^4\ \Phi_4^4\ \Phi_1^4$
134551	1760	3740	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{3740}\ \Phi_{748}\ \Phi_{187}$
134552	1760	1759	$\frac{44}{1759}$	$\frac{177}{1759}$	$\frac{343}{1759}$	$\frac{791}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134553	1760	801	$\frac{1}{89}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{801}^2\ \Phi_{267}^3\ \Phi_{89}^2$
134554	1760	1575	$\frac{3}{175}$	$\frac{1}{9}$	$\frac{43}{175}$	$\frac{4}{9}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}^2\ \Phi_{105}\ \Phi_{75}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_9^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
134555	1760	45	$\frac{1}{45}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{45}^{39}\ \Phi_{15}^{39}\ \Phi_9^{40}\ \Phi_5^{38}\ \Phi_3^{40}\ \Phi_1^{40}$
134556	1760	1107	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{1107}^2\ \Phi_{369}\ \Phi_{123}$
134557	1760	315	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{17}{105}$	$\frac{4}{9}$	$\Phi_{315}^5\ \Phi_{105}^7\ \Phi_{63}^5\ \Phi_{45}^5\ \Phi_{35}^6\ \Phi_{21}^7\ \Phi_{15}^7\ \Phi_9^6\ \Phi_7^6\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
134558	1760	819	$\frac{3}{91}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{819}^2\ \Phi_{273}^2\ \Phi_{117}^2\ \Phi_{91}^4\ \Phi_{63}\ \Phi_{39}^2\ \Phi_{21}\ \Phi_{13}^4\ \Phi_9^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
134559	1760	225	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{3}{25}$	$\frac{4}{9}$	$\Phi_{225}^7\ \Phi_{75}^7\ \Phi_{45}^7\ \Phi_{25}^{14}\ \Phi_{15}^7\ \Phi_9^8\ \Phi_5^{14}\ \Phi_3^8\ \Phi_1^{16}$
134560	1760	207	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{207}^9\ \Phi_{69}^9\ \Phi_{23}^8$
134561	1760	315	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{315}^5\ \Phi_{105}^5\ \Phi_{63}^5\ \Phi_{45}^5\ \Phi_{35}^{10}\ \Phi_{21}^5\ \Phi_{15}^5\ \Phi_9^6\ \Phi_7^{10}\ \Phi_5^{10}\ \Phi_3^6\ \Phi_1^{12}$
134562	1760	612	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{204}^4\ \Phi_{153}^2\ \Phi_{102}^4\ \Phi_{68}^4\ \Phi_{51}^3\ \Phi_{34}^4\ \Phi_{17}^2$
134563	1760	1759	$\frac{89}{1759}$	$\frac{167}{1759}$	$\frac{199}{1759}$	$\frac{780}{1759}$	$\Phi_{1759}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
134564	1760	1759	$\frac{98}{1759}$	$\frac{151}{1759}$	$\frac{201}{1759}$	$\frac{779}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134565	1760	1932	$\frac{9}{161}$	$\frac{1}{12}$	$\frac{19}{161}$	$\frac{71}{161}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{84}\ \Phi_{69}\ \Phi_{46}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
134566	1760	649	$\frac{3}{59}$	$\frac{1}{11}$	$\frac{7}{59}$	$\frac{26}{59}$	$\Phi_{649}^3\ \Phi_{11}^2$
134567	1760	1759	$\frac{71}{1759}$	$\frac{197}{1759}$	$\frac{211}{1759}$	$\frac{774}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134568	1760	2118	$\frac{9}{353}$	$\frac{43}{353}$	$\frac{1}{6}$	$\frac{155}{353}$	$\Phi_{2118}\ \Phi_{1059}\ \Phi_{706}$
134569	1760	490	$\frac{1}{49}$	$\frac{6}{49}$	$\frac{1}{5}$	$\frac{43}{98}$	$\Phi_{490}^8\ \Phi_{245}\ \Phi_{70}^8\ \Phi_{35}\ \Phi_{10}^8$
134570	1760	3234	$\frac{1}{33}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{3234}\ \Phi_{1078}\ \Phi_{462}\ \Phi_{294}\ \Phi_{231}\ \Phi_{154}\ \Phi_{77}\ \Phi_{66}\ \Phi_{42}\ \Phi_{22}\ \Phi_{21}\ \Phi_6$
134571	1760	1759	$\frac{23}{1759}$	$\frac{217}{1759}$	$\frac{494}{1759}$	$\frac{771}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134572	1760	2643	$\frac{9}{881}$	$\frac{109}{881}$	$\frac{1}{3}$	$\frac{386}{881}$	Φ_{2643}
134573	1760	2112	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
134574	1760	777	$\frac{1}{111}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{777}^2\ \Phi_{259}^2\ \Phi_{111}^4\ \Phi_{37}^4\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
134575	1760	623	$\frac{1}{89}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{623}^3\ \Phi_{89}^2$
134576	1760	511	$\frac{1}{73}$	$\frac{1}{7}$	$\frac{18}{73}$	$\frac{3}{7}$	$\Phi_{511}^3\ \Phi_{73}^6\ \Phi_7^4\ \Phi_1^8$
134577	1760	280	$\frac{1}{56}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{280}^8\ \Phi_{140}^8\ \Phi_{70}^8\ \Phi_{40}^8\ \Phi_{35}^7\ \Phi_{20}^8\ \Phi_{10}^8\ \Phi_5^6$
134578	1760	1533	$\frac{4}{219}$	$\frac{1}{7}$	$\frac{43}{219}$	$\frac{3}{7}$	$\Phi_{1533}\ \Phi_{511}\ \Phi_{219}^2\ \Phi_{73}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
134579	1760	630	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{630}^3\ \Phi_{315}^2\ \Phi_{210}^3\ \Phi_{126}^3\ \Phi_{105}^2\ \Phi_{90}^6\ \Phi_{70}^3\ \Phi_{63}^2\ \Phi_{45}^4\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^6\ \Phi_{21}\ \Phi_{18}^6\ \Phi_{15}^4\ \Phi_{14}^2\ \Phi_{10}^6\ \Phi_9^4\ \Phi_7^2\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
134580	1760	511	$\frac{3}{73}$	$\frac{7}{73}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{511}^3\ \Phi_{73}^6\ \Phi_7^4\ \Phi_1^8$
134581	1760	1771	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1771}\ \Phi_{253}^2$
134582	1760	1533	$\frac{10}{219}$	$\frac{19}{219}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1533}\ \Phi_{511}\ \Phi_{219}^2\ \Phi_{73}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
134583	1760	84	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{84}^{23}\ \Phi_{42}^{23}\ \Phi_{28}^{23}\ \Phi_{21}^{15}\ \Phi_{14}^{23}\ \Phi_{12}^{22}\ \Phi_7^{16}\ \Phi_6^{22}\ \Phi_4^{22}\ \Phi_3^{14}\ \Phi_2^{22}\ \Phi_1^{16}$
134584	1760	1056	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{1056}^3\ \Phi_{352}^3\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}^2\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
134585	1760	1759	$\frac{23}{1759}$	$\frac{265}{1759}$	$\frac{434}{1759}$	$\frac{747}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134586	1760	276	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{11}{69}$	$\frac{29}{69}$	$\Phi_{276}^7\ \Phi_{138}^7\ \Phi_{92}^7\ \Phi_{69}^5\ \Phi_{46}^7\ \Phi_{23}^4\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
134587	1760	945	$\frac{1}{63}$	$\frac{31}{189}$	$\frac{1}{5}$	$\frac{79}{189}$	$\Phi_{945}^2\ \Phi_{315}^3\ \Phi_{135}^2\ \Phi_{105}^3\ \Phi_{45}^3\ \Phi_{35}^3\ \Phi_{15}^3\ \Phi_5^2$
134588	1760	1845	$\frac{1}{45}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{369}\ \Phi_{205}\ \Phi_{123}$
134589	1760	1759	$\frac{47}{1759}$	$\frac{214}{1759}$	$\frac{309}{1759}$	$\frac{725}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134590	1760	1887	$\frac{1}{111}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1887}\ \Phi_{629}\ \Phi_{51}$
134591	1760	1759	$\frac{65}{1759}$	$\frac{154}{1759}$	$\frac{321}{1759}$	$\frac{719}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134592	1760	621	$\frac{1}{23}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{621}^3\ \Phi_{207}^3\ \Phi_{69}^3\ \Phi_{23}^2$
134593	1760	1759	$\frac{19}{1759}$	$\frac{331}{1759}$	$\frac{435}{1759}$	$\frac{714}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134594	1760	1759	$\frac{95}{1759}$	$\frac{104}{1759}$	$\frac{331}{1759}$	$\frac{714}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134595	1760	629	$\frac{2}{37}$	$\frac{1}{17}$	$\frac{7}{37}$	$\frac{15}{37}$	$\Phi_{629}^3\ \Phi_{17}^2$
134596	1760	1759	$\frac{74}{1759}$	$\frac{131}{1759}$	$\frac{337}{1759}$	$\frac{711}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134597	1760	1932	$\frac{6}{161}$	$\frac{1}{12}$	$\frac{31}{161}$	$\frac{65}{161}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{84}\ \Phi_{69}\ \Phi_{46}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
134598	1760	1989	$\frac{6}{221}$	$\frac{1}{9}$	$\frac{43}{221}$	$\frac{89}{221}$	$\Phi_{1989}\ \Phi_{663}\ \Phi_{153}\ \Phi_{117}\ \Phi_{51}\ \Phi_{39}$
134599	1760	1759	$\frac{34}{1759}$	$\frac{263}{1759}$	$\frac{345}{1759}$	$\frac{707}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134600	1760	735	$\frac{2}{147}$	$\frac{29}{147}$	$\frac{1}{5}$	$\frac{59}{147}$	$\Phi_{735}^3\ \Phi_{245}^3\ \Phi_{105}^3\ \Phi_{35}^3\ \Phi_{15}^3\ \Phi_5^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
134601	1760	1759	$\frac{14}{1759}$	$\frac{349}{1759}$	$\frac{527}{1759}$	$\frac{705}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134602	1760	2643	$\frac{6}{881}$	$\frac{175}{881}$	$\frac{1}{3}$	$\frac{353}{881}$	Φ_{2643}
134603	1760	1025	$\frac{1}{41}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1025}^2\ \Phi_{205}$
134604	1760	1759	$\frac{24}{1759}$	$\frac{347}{1759}$	$\frac{353}{1759}$	$\frac{703}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134605	1760	1848	$\frac{1}{56}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{24}\ \Phi_{22}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
134606	1760	1845	$\frac{1}{45}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{369}\ \Phi_{205}\ \Phi_{123}$
134607	1760	2898	$\frac{1}{161}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{2898}\ \Phi_{966}\ \Phi_{483}\ \Phi_{414}\ \Phi_{322}\ \Phi_{138}\ \Phi_{126}\ \Phi_{69}\ \Phi_{46}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
134608	1760	738	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{738}^4\ \Phi_{369}\ \Phi_{246}^4\ \Phi_{123}\ \Phi_{82}^4$
134609	1760	1759	$\frac{49}{1759}$	$\frac{171}{1759}$	$\frac{397}{1759}$	$\frac{681}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134610	1760	1759	$\frac{54}{1759}$	$\frac{155}{1759}$	$\frac{401}{1759}$	$\frac{679}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134611	1760	1863	$\frac{1}{23}$	$\frac{5}{81}$	$\frac{19}{81}$	$\frac{31}{81}$	$\Phi_{1863}\ \Phi_{621}\ \Phi_{207}\ \Phi_{69}$
134612	1760	1869	$\frac{1}{21}$	$\frac{5}{89}$	$\frac{21}{89}$	$\frac{34}{89}$	$\Phi_{1869}\ \Phi_{623}\ \Phi_{267}$
134613	1760	1759	$\frac{83}{1759}$	$\frac{99}{1759}$	$\frac{419}{1759}$	$\frac{670}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134614	1760	1759	$\frac{75}{1759}$	$\frac{109}{1759}$	$\frac{421}{1759}$	$\frac{669}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134615	1760	1932	$\frac{5}{161}$	$\frac{1}{12}$	$\frac{39}{161}$	$\frac{61}{161}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{84}\ \Phi_{69}\ \Phi_{46}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
134616	1760	1947	$\frac{5}{177}$	$\frac{1}{11}$	$\frac{43}{177}$	$\frac{67}{177}$	$\Phi_{1947}\ \Phi_{649}\ \Phi_{33}$
134617	1760	1759	$\frac{35}{1759}$	$\frac{219}{1759}$	$\frac{431}{1759}$	$\frac{664}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134618	1760	1759	$\frac{27}{1759}$	$\frac{274}{1759}$	$\frac{433}{1759}$	$\frac{663}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134619	1760	2118	$\frac{5}{353}$	$\frac{1}{6}$	$\frac{87}{353}$	$\frac{133}{353}$	$\Phi_{2118}\ \Phi_{1059}\ \Phi_{706}$
134620	1760	2205	$\frac{5}{441}$	$\frac{1}{5}$	$\frac{109}{441}$	$\frac{166}{441}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{315}\ \Phi_{245}\ \Phi_{105}\ \Phi_{45}\ \Phi_{35}\ \Phi_{15}$
134621	1760	1759	$\frac{11}{1759}$	$\frac{437}{1759}$	$\frac{549}{1759}$	$\frac{661}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134622	1760	2643	$\frac{5}{881}$	$\frac{219}{881}$	$\frac{1}{3}$	$\frac{331}{881}$	Φ_{2643}
134623	1760	1416	$\frac{1}{177}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1416}^2\ \Phi_{472}^2\ \Phi_{177}^2\ \Phi_{59}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
134624	1760	2576	$\frac{1}{161}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{2576}\ \Phi_{644}\ \Phi_{368}\ \Phi_{322}\ \Phi_{112}\ \Phi_{92}\ \Phi_{46}\ \Phi_{28}\ \Phi_{14}$
134625	1760	936	$\frac{1}{117}$	$\frac{29}{117}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{936}^3\ \Phi_{312}^3\ \Phi_{117}^3\ \Phi_{104}^3\ \Phi_{72}^3\ \Phi_{39}^3\ \Phi_{24}^3\ \Phi_{13}^3\ \Phi_9^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
134626	1760	3560	$\frac{1}{89}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3560}\ \Phi_{445}$
134627	1760	2808	$\frac{7}{351}$	$\frac{43}{351}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{351}\ \Phi_{312}\ \Phi_{216}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{39}\ \Phi_{27}\ \Phi_{24}\ \Phi_{13}\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
134628	1760	360	$\frac{1}{45}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^8\ \Phi_{120}^8\ \Phi_{72}^7\ \Phi_{45}^8\ \Phi_{40}^8\ \Phi_{24}^7\ \Phi_{15}^8\ \Phi_9^7\ \Phi_8^8\ \Phi_5^8\ \Phi_3^7\ \Phi_1^8$
134629	1760	1560	$\frac{1}{39}$	$\frac{19}{195}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}\ \Phi_{195}^2\ \Phi_{120}^2\ \Phi_{104}\ \Phi_{65}^2\ \Phi_{40}^2\ \Phi_{39}\ \Phi_{24}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
134630	1760	2808	$\frac{10}{351}$	$\frac{31}{351}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{351}\ \Phi_{312}\ \Phi_{216}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{39}\ \Phi_{27}\ \Phi_{24}\ \Phi_{13}\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
134631	1760	264	$\frac{1}{33}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^{11}\ \Phi_{132}^3\ \Phi_{88}^{11}\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{33}^2\ \Phi_{24}^7\ \Phi_{22}^3\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^8\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134632	1760	728	$\frac{3}{91}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{728}^4\ \Phi_{104}^3\ \Phi_{91}^4\ \Phi_{56}^4\ \Phi_{13}^3\ \Phi_8^4\ \Phi_7^4\ \Phi_1^4$
134633	1760	1512	$\frac{1}{27}$	$\frac{13}{189}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1512}^2\ \Phi_{504}^2\ \Phi_{216}\ \Phi_{189}^2\ \Phi_{168}^2\ \Phi_{72}\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{27}\ \Phi_{24}\ \Phi_{21}^2\ \Phi_9\ \Phi_8^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
134634	1760	936	$\frac{5}{117}$	$\frac{7}{117}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{936}^3\ \Phi_{312}^3\ \Phi_{117}^3\ \Phi_{104}^3\ \Phi_{72}^3\ \Phi_{39}^3\ \Phi_{24}^3\ \Phi_{13}^3\ \Phi_9^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
134635	1760	3128	$\frac{1}{23}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3128}\ \Phi_{391}$
134636	1760	924	$\frac{1}{33}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{924}^3\ \Phi_{462}\ \Phi_{308}^3\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}^3\ \Phi_{84}^2\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}^3\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{22}\ \Phi_{21}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
134637	1760	663	$\frac{1}{221}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{663}^3\ \Phi_{221}^2\ \Phi_{51}^3\ \Phi_{39}^3\ \Phi_{17}^2\ \Phi_{13}^2$
134638	1760	1317	$\frac{3}{439}$	$\frac{109}{439}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1317}\ \Phi_{439}^2\ \Phi_3^2\ \Phi_1^4$
134639	1760	555	$\frac{1}{111}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{555}^4\ \Phi_{185}^4\ \Phi_{15}^3\ \Phi_5^2$
134640	1760	1317	$\frac{4}{439}$	$\frac{87}{439}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1317}\ \Phi_{439}^2\ \Phi_3^2\ \Phi_1^4$
134641	1760	534	$\frac{1}{89}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{534}^4\ \Phi_{267}^3\ \Phi_{178}^4\ \Phi_{89}^2$
134642	1760	1317	$\frac{7}{439}$	$\frac{54}{439}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1317}\ \Phi_{439}^2\ \Phi_3^2\ \Phi_1^4$
134643	1760	504	$\frac{1}{56}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^3\ \Phi_{126}^4\ \Phi_{84}^3\ \Phi_{72}^4\ \Phi_{63}^4\ \Phi_{56}^2\ \Phi_{42}^3\ \Phi_{36}^4\ \Phi_{28}^2\ \Phi_{24}^3$ $\Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
134644	1760	1317	$\frac{9}{439}$	$\frac{43}{439}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1317}\ \Phi_{439}^2\ \Phi_3^2\ \Phi_1^4$
134645	1760	495	$\frac{1}{45}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{33}^3\ \Phi_{11}^2$
134646	1760	1317	$\frac{10}{439}$	$\frac{39}{439}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1317}\ \Phi_{439}^2\ \Phi_3^2\ \Phi_1^4$
134647	1760	492	$\frac{1}{41}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{492}^4\ \Phi_{246}^4\ \Phi_{164}^4\ \Phi_{123}^3\ \Phi_{82}^4\ \Phi_{41}^2$
134648	1760	969	$\frac{2}{57}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{969}^2\ \Phi_{323}^2\ \Phi_{51}$
134649	1760	1317	$\frac{19}{439}$	$\frac{21}{439}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1317}\ \Phi_{439}^2\ \Phi_3^2\ \Phi_1^4$
134650	1760	483	$\frac{1}{23}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{483}^4\ \Phi_{161}^4\ \Phi_{69}^3\ \Phi_{23}^2$
134651	1760	3285	$\frac{2}{219}$	$\frac{1}{5}$	$\frac{217}{657}$	$\frac{1}{3}$	$\Phi_{3285}\ \Phi_{45}\ \Phi_{15}$
134652	1760	2871	$\frac{2}{87}$	$\frac{1}{11}$	$\frac{85}{261}$	$\frac{1}{3}$	$\Phi_{2871}\ \Phi_{99}\ \Phi_{33}$
134653	1760	1377	$\frac{1}{27}$	$\frac{1}{17}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{1377}^2\ \Phi_{51}$
134654	1760	2691	$\frac{1}{23}$	$\frac{2}{39}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{2691}\ \Phi_{207}\ \Phi_{69}$
134655	1760	2583	$\frac{1}{41}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{2583}\ \Phi_{369}\ \Phi_{123}$
134656	1760	2520	$\frac{1}{56}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{126}$ $\Phi_{90}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
134657	1760	405	$\frac{1}{81}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^6\ \Phi_{45}^4\ \Phi_{27}^6\ \Phi_{15}^3\ \Phi_9^6\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
134658	1760	2403	$\frac{1}{89}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{2403}\ \Phi_{267}$
134659	1760	1095	$\frac{1}{73}$	$\frac{1}{5}$	$\frac{18}{73}$	$\frac{1}{3}$	$\Phi_{1095}^3\ \Phi_{15}^4$
134660	1760	2643	$\frac{13}{881}$	$\frac{166}{881}$	$\frac{217}{881}$	$\frac{1}{3}$	Φ_{2643}
134661	1760	1050	$\frac{3}{175}$	$\frac{1}{6}$	$\frac{43}{175}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2$ $\Phi_{35}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
134662	1760	2643	$\frac{17}{881}$	$\frac{133}{881}$	$\frac{216}{881}$	$\frac{1}{3}$	Φ_{2643}
134663	1760	957	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{7}{29}$	$\frac{1}{3}$	$\Phi_{957}^3\ \Phi_{33}^4$
134664	1760	948	$\frac{3}{79}$	$\frac{1}{12}$	$\frac{19}{79}$	$\frac{1}{3}$	$\Phi_{948}^2\ \Phi_{474}^2\ \Phi_{316}^2\ \Phi_{237}\ \Phi_{158}^2\ \Phi_{79}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
134665	1760	2643	$\frac{37}{881}$	$\frac{67}{881}$	$\frac{211}{881}$	$\frac{1}{3}$	Φ_{2643}
134666	1760	2643	$\frac{41}{881}$	$\frac{61}{881}$	$\frac{210}{881}$	$\frac{1}{3}$	Φ_{2643}
134667	1760	1224	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{1224}^2\ \Phi_{612}^2\ \Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{51}$
134668	1760	903	$\frac{1}{21}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{903}^2\ \Phi_{301}^2\ \Phi_{129}\ \Phi_{43}^2\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
134669	1760	897	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{897}^3\ \Phi_{69}^4$
134670	1760	2643	$\frac{34}{881}$	$\frac{77}{881}$	$\frac{201}{881}$	$\frac{1}{3}$	Φ_{2643}
134671	1760	2643	$\frac{31}{881}$	$\frac{85}{881}$	$\frac{199}{881}$	$\frac{1}{3}$	Φ_{2643}
134672	1760	1767	$\frac{2}{57}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{1767}\ \Phi_{589}\ \Phi_{57}^2\ \Phi_{31}\ \Phi_{19}^2\ \Phi_1^2$
134673	1760	1989	$\frac{1}{17}$	$\frac{7}{117}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1989}\ \Phi_{663}\ \Phi_{221}\ \Phi_{51}$
134674	1760	1722	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{1722}^2\ \Phi_{861}\ \Phi_{246}^2\ \Phi_{123}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
134675	1760	855	$\frac{1}{45}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{855}^{2}\ \Phi_{285}^{2}\ \Phi_{171}^{2}\ \Phi_{95}^{2}\ \Phi_{57}\ \Phi_{45}^{4}\ \Phi_{19}^{2}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
134676	1760	2643	$\frac{16}{881}$	$\frac{173}{881}$	$\frac{177}{881}$	$\frac{1}{3}$	Φ_{2643}
134677	1760	840	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{168}^{4}\ \Phi_{120}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{4}\ \Phi_{60}^{3}\ \Phi_{42}^{4}\ \Phi_{30}^{3}\ \Phi_{24}^{4}\ \Phi_{21}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}$
134678	1760	1095	$\frac{4}{219}$	$\frac{43}{219}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1095}^{2}\ \Phi_{365}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
134679	1760	90	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{90}^{24}\ \Phi_{45}^{16}\ \Phi_{30}^{22}\ \Phi_{18}^{24}\ \Phi_{15}^{15}\ \Phi_{10}^{22}\ \Phi_{9}^{16}\ \Phi_{6}^{24}\ \Phi_{5}^{14}\ \Phi_{3}^{16}\ \Phi_{2}^{24}\ \Phi_{1}^{16}$
134680	1760	855	$\frac{2}{57}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{855}^{3}\ \Phi_{285}^{2}\ \Phi_{95}^{2}\ \Phi_{45}\ \Phi_{15}$
134681	1760	1095	$\frac{3}{73}$	$\frac{7}{73}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1095}^{3}\ \Phi_{15}^{4}$
134682	1760	3795	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	Φ_{3795}
134683	1760	1095	$\frac{10}{219}$	$\frac{19}{219}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1095}^{2}\ \Phi_{365}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
134684	1760	420	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{140}^{6}\ \Phi_{105}^{4}\ \Phi_{70}^{6}\ \Phi_{60}^{4}\ \Phi_{35}^{4}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{2}$
134685	1760	981	$\frac{4}{109}$	$\frac{1}{9}$	$\frac{21}{109}$	$\frac{1}{3}$	$\Phi_{981}^{2}\ \Phi_{327}\ \Phi_{109}^{2}\ \Phi_{9}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
134686	1760	2643	$\frac{36}{881}$	$\frac{89}{881}$	$\frac{169}{881}$	$\frac{1}{3}$	Φ_{2643}
134687	1760	948	$\frac{4}{79}$	$\frac{1}{12}$	$\frac{15}{79}$	$\frac{1}{3}$	$\Phi_{948}^{2}\ \Phi_{474}^{2}\ \Phi_{316}^{2}\ \Phi_{237}\ \Phi_{158}^{2}\ \Phi_{79}^{2}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
134688	1760	2643	$\frac{51}{881}$	$\frac{65}{881}$	$\frac{166}{881}$	$\frac{1}{3}$	Φ_{2643}
134689	1760	459	$\frac{1}{17}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{1}{3}$	$\Phi_{459}^{4}\ \Phi_{153}^{4}\ \Phi_{51}^{5}\ \Phi_{17}^{4}$
134690	1760	2643	$\frac{45}{881}$	$\frac{76}{881}$	$\frac{161}{881}$	$\frac{1}{3}$	Φ_{2643}
134691	1760	897	$\frac{1}{23}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{897}^{2}\ \Phi_{299}^{2}\ \Phi_{69}^{3}\ \Phi_{23}^{2}$
134692	1760	2643	$\frac{33}{881}$	$\frac{106}{881}$	$\frac{155}{881}$	$\frac{1}{3}$	Φ_{2643}
134693	1760	210	$\frac{1}{35}$	$\frac{17}{105}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{210}^{10}\ \Phi_{105}^{7}\ \Phi_{70}^{10}\ \Phi_{42}^{10}\ \Phi_{35}^{6}\ \Phi_{30}^{10}\ \Phi_{21}^{7}\ \Phi_{15}^{7}\ \Phi_{14}^{10}\ \Phi_{10}^{10}\ \Phi_{7}^{6}\ \Phi_{6}^{12}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{2}^{12}\ \Phi_{1}^{8}$
134694	1760	546	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{546}^{4}\ \Phi_{273}^{2}\ \Phi_{182}^{4}\ \Phi_{91}^{4}\ \Phi_{78}^{4}\ \Phi_{42}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{4}\ \Phi_{21}\ \Phi_{14}^{2}\ \Phi_{13}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
134695	1760	150	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{150}^{14}\ \Phi_{75}^{7}\ \Phi_{50}^{14}\ \Phi_{30}^{14}\ \Phi_{25}^{14}\ \Phi_{15}^{7}\ \Phi_{10}^{14}\ \Phi_{6}^{16}\ \Phi_{5}^{14}\ \Phi_{3}^{8}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
134696	1760	414	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{414}^{6}\ \Phi_{207}^{4}\ \Phi_{138}^{4}\ \Phi_{69}^{3}\ \Phi_{46}^{4}\ \Phi_{23}^{2}$
134697	1760	210	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{210}^{10}\ \Phi_{105}^{5}\ \Phi_{70}^{10}\ \Phi_{42}^{10}\ \Phi_{35}^{10}\ \Phi_{30}^{10}\ \Phi_{21}^{5}\ \Phi_{15}^{5}\ \Phi_{14}^{10}\ \Phi_{10}^{10}\ \Phi_{7}^{10}\ \Phi_{6}^{12}\ \Phi_{5}^{10}\ \Phi_{3}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
134698	1760	204	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{204}^{10}\ \Phi_{102}^{8}\ \Phi_{68}^{10}\ \Phi_{51}^{9}\ \Phi_{34}^{8}\ \Phi_{17}^{8}$
134699	1760	1071	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{3}$	$\Phi_{1071}^{2}\ \Phi_{357}^{2}\ \Phi_{119}^{2}\ \Phi_{51}$
134700	1760	957	$\frac{7}{87}$	$\frac{1}{11}$	$\frac{10}{87}$	$\frac{1}{3}$	$\Phi_{957}^{2}\ \Phi_{319}^{2}\ \Phi_{33}^{3}\ \Phi_{11}^{2}$
134701	1760	2643	$\frac{73}{881}$	$\frac{78}{881}$	$\frac{101}{881}$	$\frac{1}{3}$	Φ_{2643}
134702	1760	948	$\frac{1}{12}$	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{1}{3}$	$\Phi_{948}^{2}\ \Phi_{474}^{2}\ \Phi_{316}^{2}\ \Phi_{237}\ \Phi_{158}^{2}\ \Phi_{79}^{2}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
134703	1760	2643	$\frac{71}{881}$	$\frac{81}{881}$	$\frac{100}{881}$	$\frac{1}{3}$	Φ_{2643}
134704	1760	981	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{981}^{2}\ \Phi_{327}\ \Phi_{109}^{2}\ \Phi_{9}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
134705	1760	396	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{396}^{6}\ \Phi_{198}^{6}\ \Phi_{132}^{4}\ \Phi_{99}^{4}\ \Phi_{66}^{4}\ \Phi_{44}^{4}\ \Phi_{33}^{3}\ \Phi_{22}^{4}\ \Phi_{11}^{2}$
134706	1760	2835	$\frac{1}{63}$	$\frac{1}{5}$	$\frac{127}{567}$	$\frac{62}{189}$	$\Phi_{2835}\ \Phi_{405}\ \Phi_{315}\ \Phi_{105}\ \Phi_{45}\ \Phi_{35}\ \Phi_{15}$
134707	1760	3255	$\frac{6}{217}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{211}{651}$	$\Phi_{3255}\ \Phi_{465}\ \Phi_{105}\ \Phi_{35}\ \Phi_{15}$
134708	1760	2511	$\frac{1}{27}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{26}{81}$	$\Phi_{2511}\ \Phi_{81}^{2}\ \Phi_{31}\ \Phi_{1}^{2}$
134709	1760	405	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{26}{81}$	$\Phi_{405}^{8}\ \Phi_{45}\ \Phi_{15}$
134710	1760	828	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{47}{207}$	$\frac{22}{69}$	$\Phi_{828}^{3}\ \Phi_{414}^{3}\ \Phi_{276}\ \Phi_{207}^{2}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{9}^{2}$
134711	1760	153	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{7}{51}$	$\frac{16}{51}$	$\Phi_{153}^{13}\ \Phi_{51}^{9}\ \Phi_{17}^{8}\ \Phi_{9}^{12}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
134712	1760	924	$\frac{6}{77}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{71}{231}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^3\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}^3\ \Phi_{33}\ \Phi_{28}^3\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134713	1760	276	$\frac{1}{12}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{7}{23}$	$\Phi_{276}^7\ \Phi_{138}^7\ \Phi_{92}^7\ \Phi_{69}^7\ \Phi_{46}^7\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6$
134714	1760	315	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{19}{63}$	$\Phi_{315}^{10}\ \Phi_{105}\ \Phi_{45}^{10}\ \Phi_{35}\ \Phi_{15}$
134715	1760	2295	$\frac{19}{459}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{2295}\ \Phi_{765}\ \Phi_{255}\ \Phi_{85}\ \Phi_{45}\ \Phi_{15}$
134716	1760	234	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{3}{26}$	$\frac{23}{78}$	$\Phi_{234}^8\ \Phi_{117}^9\ \Phi_{78}^4\ \Phi_{39}^5\ \Phi_{26}^8\ \Phi_{18}^8\ \Phi_{13}^8\ \Phi_9^8\ \Phi_6^4\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
134717	1760	792	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{792}^3\ \Phi_{396}^3\ \Phi_{264}\ \Phi_{198}^3\ \Phi_{132}\ \Phi_{99}^3\ \Phi_{88}\ \Phi_{72}^2\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
134718	1760	462	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{462}^5\ \Phi_{231}^3\ \Phi_{154}^5\ \Phi_{77}^3\ \Phi_{66}^5\ \Phi_{42}^5\ \Phi_{33}^2\ \Phi_{22}^5\ \Phi_{21}^3\ \Phi_{11}^2\ \Phi_6^5\ \Phi_3^2$
134719	1760	455	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{455}^5\ \Phi_{65}^5\ \Phi_{35}^3\ \Phi_5^2$
134720	1760	420	$\frac{1}{12}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^5\ \Phi_{105}^5\ \Phi_{84}^3\ \Phi_{70}^5\ \Phi_{60}^5\ \Phi_{42}^3\ \Phi_{30}^5\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_{10}^5\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2$
134721	1760	153	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{8}{51}$	$\frac{43}{153}$	$\Phi_{153}^{11}\ \Phi_{51}^{13}\ \Phi_{17}^{12}\ \Phi_9^{10}\ \Phi_3^{12}\ \Phi_1^{12}$
134722	1760	795	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{13}{53}$	$\frac{4}{15}$	$\Phi_{795}^3\ \Phi_{159}^3\ \Phi_{53}^3\ \Phi_{15}^4\ \Phi_3^4\ \Phi_1^4$
134723	1760	615	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{615}^4\ \Phi_{205}\ \Phi_{123}^4$
134724	1760	795	$\frac{4}{159}$	$\frac{31}{159}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{795}^2\ \Phi_{265}^2\ \Phi_{159}^3\ \Phi_{53}^3\ \Phi_{15}^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
134725	1760	330	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{330}^6\ \Phi_{165}^4\ \Phi_{110}^6\ \Phi_{66}^9\ \Phi_{55}^4\ \Phi_{33}^6\ \Phi_{30}^4\ \Phi_{22}^9\ \Phi_{15}^3\ \Phi_{11}^6\ \Phi_{10}^4\ \Phi_6^6\ \Phi_5^2\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
134726	1760	795	$\frac{7}{159}$	$\frac{19}{159}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{795}^2\ \Phi_{265}^2\ \Phi_{159}^3\ \Phi_{53}^3\ \Phi_{15}^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
134727	1760	315	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{315}^6\ \Phi_{105}^4\ \Phi_{63}^9\ \Phi_{45}^4\ \Phi_{35}^4\ \Phi_{21}^6\ \Phi_{15}^3\ \Phi_9^6\ \Phi_7^6\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
134728	1760	795	$\frac{3}{53}$	$\frac{5}{53}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{795}^3\ \Phi_{159}^3\ \Phi_{53}^3\ \Phi_{15}^4\ \Phi_3^4\ \Phi_1^4$
134729	1760	2805	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2805}\ \Phi_{561}\ \Phi_{187}$
134730	1760	621	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{621}^4\ \Phi_{207}\ \Phi_{69}$
134731	1760	735	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{12}{49}$	$\frac{37}{147}$	$\Phi_{735}^4\ \Phi_{245}\ \Phi_{105}^4\ \Phi_{35}\ \Phi_{15}^4$
134732	1760	551	$\frac{1}{29}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{7}{29}$	$\Phi_{551}^3\ \Phi_{29}^6\ \Phi_{19}^4\ \Phi_1^8$
134733	1760	870	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{7}{29}$	$\Phi_{870}^3\ \Phi_{435}^3\ \Phi_{290}^3\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4$
134734	1760	1759	$\frac{63}{1759}$	$\frac{267}{1759}$	$\frac{373}{1759}$	$\frac{424}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134735	1760	2118	$\frac{13}{353}$	$\frac{1}{6}$	$\frac{67}{353}$	$\frac{85}{353}$	$\Phi_{2118}\ \Phi_{1059}\ \Phi_{706}$
134736	1760	1106	$\frac{3}{79}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{19}{79}$	$\Phi_{1106}^2\ \Phi_{553}\ \Phi_{158}^2\ \Phi_{79}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
134737	1760	1759	$\frac{67}{1759}$	$\frac{285}{1759}$	$\frac{334}{1759}$	$\frac{423}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134738	1760	2205	$\frac{17}{441}$	$\frac{67}{441}$	$\frac{1}{5}$	$\frac{106}{441}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{315}\ \Phi_{245}\ \Phi_{105}\ \Phi_{45}\ \Phi_{35}\ \Phi_{15}$
134739	1760	315	$\frac{1}{21}$	$\frac{8}{63}$	$\frac{1}{5}$	$\frac{5}{21}$	$\Phi_{315}^8\ \Phi_{105}^5\ \Phi_{45}^8\ \Phi_{35}^5\ \Phi_{15}^5\ \Phi_5^4$
134740	1760	2232	$\frac{1}{18}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{17}{72}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{744}\ \Phi_{372}\ \Phi_{248}\ \Phi_{124}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{31}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
134741	1760	360	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{17}{72}$	$\Phi_{360}^8\ \Phi_{180}^8\ \Phi_{120}^8\ \Phi_{60}^8\ \Phi_{45}\ \Phi_{40}^8\ \Phi_{20}^8\ \Phi_{15}$
134742	1760	612	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{13}{68}$	$\frac{4}{17}$	$\Phi_{612}^4\ \Phi_{306}^4\ \Phi_{204}^4\ \Phi_{153}\ \Phi_{102}^4\ \Phi_{51}\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_6^4$
134743	1760	559	$\frac{3}{43}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{10}{43}$	$\Phi_{559}^3\ \Phi_{43}^4\ \Phi_{13}^6\ \Phi_1^8$
134744	1760	2365	$\frac{3}{43}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{43}$	$\Phi_{2365}\ \Phi_{55}^2$
134745	1760	1677	$\frac{3}{43}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{10}{43}$	$\Phi_{1677}\ \Phi_{559}\ \Phi_{129}\ \Phi_{43}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
134746	1760	774	$\frac{3}{43}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{10}{43}$	$\Phi_{774}^3\ \Phi_{387}^2\ \Phi_{258}^2\ \Phi_{129}\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{18}^6\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
134747	1760	1759	$\frac{123}{1759}$	$\frac{135}{1759}$	$\frac{406}{1759}$	$\frac{409}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134748	1760	1947	$\frac{13}{177}$	$\frac{1}{11}$	$\frac{34}{177}$	$\frac{41}{177}$	$\Phi_{1947}\ \Phi_{649}\ \Phi_{33}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
134749	1760	1759	$\frac{131}{1759}$	$\frac{169}{1759}$	$\frac{318}{1759}$	$\frac{407}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134750	1760	780	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{3}{13}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{260}^3\ \Phi_{195}^3\ \Phi_{130}^3\ \Phi_{60}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{10}^4$
134751	1760	117	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{2}{13}$	$\frac{3}{13}$	$\Phi_{117}^{17}\ \Phi_{39}^{17}\ \Phi_9^{16}\ \Phi_3^{16}$
134752	1760	1932	$\frac{13}{161}$	$\frac{1}{12}$	$\frac{31}{161}$	$\frac{37}{161}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{84}\ \Phi_{69}\ \Phi_{46}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
134753	1760	1759	$\frac{143}{1759}$	$\frac{186}{1759}$	$\frac{271}{1759}$	$\frac{404}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134754	1760	2118	$\frac{29}{353}$	$\frac{34}{353}$	$\frac{1}{6}$	$\frac{81}{353}$	$\Phi_{2118}\ \Phi_{1059}\ \Phi_{706}$
134755	1760	1759	$\frac{142}{1759}$	$\frac{147}{1759}$	$\frac{339}{1759}$	$\frac{403}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134756	1760	2205	$\frac{34}{441}$	$\frac{37}{441}$	$\frac{1}{5}$	$\frac{101}{441}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{315}\ \Phi_{245}\ \Phi_{105}\ \Phi_{45}\ \Phi_{35}\ \Phi_{15}$
134757	1760	1759	$\frac{129}{1759}$	$\frac{163}{1759}$	$\frac{340}{1759}$	$\frac{399}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134758	1760	2205	$\frac{31}{441}$	$\frac{41}{441}$	$\frac{1}{5}$	$\frac{100}{441}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{315}\ \Phi_{245}\ \Phi_{105}\ \Phi_{45}\ \Phi_{35}\ \Phi_{15}$
134759	1760	837	$\frac{2}{27}$	$\frac{3}{31}$	$\frac{5}{27}$	$\frac{7}{31}$	$\Phi_{837}^2\ \Phi_{279}^2\ \Phi_{93}^2\ \Phi_{31}^3\ \Phi_{27}^4\ \Phi_9^4\ \Phi_3^4\ \Phi_1^6$
134760	1760	372	$\frac{1}{12}$	$\frac{3}{31}$	$\frac{1}{6}$	$\frac{7}{31}$	$\Phi_{372}^5\ \Phi_{186}^4\ \Phi_{124}^5\ \Phi_{93}^4\ \Phi_{62}^4\ \Phi_{31}^5\ \Phi_{12}^{10}\ \Phi_6^8\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
134761	1760	1953	$\frac{3}{31}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{7}{31}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{217}\ \Phi_{63}^2\ \Phi_{31}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
134762	1760	1759	$\frac{124}{1759}$	$\frac{179}{1759}$	$\frac{327}{1759}$	$\frac{395}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134763	1760	1932	$\frac{1}{12}$	$\frac{17}{161}$	$\frac{25}{161}$	$\frac{36}{161}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{84}\ \Phi_{69}\ \Phi_{46}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
134764	1760	585	$\frac{7}{117}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{585}^4\ \Phi_{195}^4\ \Phi_{65}^4\ \Phi_{45}\ \Phi_{15}$
134765	1760	1759	$\frac{135}{1759}$	$\frac{203}{1759}$	$\frac{274}{1759}$	$\frac{389}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134766	1760	2118	$\frac{25}{353}$	$\frac{41}{353}$	$\frac{1}{6}$	$\frac{78}{353}$	$\Phi_{2118}\ \Phi_{1059}\ \Phi_{706}$
134767	1760	210	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{210}^{14}\ \Phi_{105}^8\ \Phi_{70}^{12}\ \Phi_{35}^7\ \Phi_{30}^{14}\ \Phi_{15}^8\ \Phi_{10}^{12}\ \Phi_5^6$
134768	1760	1106	$\frac{4}{79}$	$\frac{1}{7}$	$\frac{15}{79}$	$\frac{3}{14}$	$\Phi_{1106}^2\ \Phi_{553}\ \Phi_{158}^2\ \Phi_{79}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
134769	1760	714	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{714}^3\ \Phi_{357}^3\ \Phi_{238}\ \Phi_{119}^2\ \Phi_{102}^4\ \Phi_{51}^4\ \Phi_{34}^2\ \Phi_{17}^2$
134770	1760	1106	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{1106}^2\ \Phi_{553}\ \Phi_{158}^2\ \Phi_{79}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
134771	1760	1386	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{1386}^2\ \Phi_{693}\ \Phi_{462}^2\ \Phi_{231}\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{33}^2$
134772	1760	2185	$\frac{1}{23}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{2185}\ \Phi_{115}^2$
134773	1760	1653	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1653}\ \Phi_{551}\ \Phi_{87}^2\ \Phi_{57}\ \Phi_{29}^2\ \Phi_{19}^2\ \Phi_3^2\ \Phi_1^4$
134774	1760	684	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{684}^3\ \Phi_{342}^3\ \Phi_{228}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{36}^6\ \Phi_{19}^2\ \Phi_{18}^6\ \Phi_{12}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
134775	1760	1863	$\frac{1}{23}$	$\frac{13}{81}$	$\frac{16}{81}$	$\frac{17}{81}$	$\Phi_{1863}\ \Phi_{621}\ \Phi_{207}\ \Phi_{69}$
134776	1760	1759	$\frac{127}{1759}$	$\frac{204}{1759}$	$\frac{311}{1759}$	$\frac{362}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134777	1760	1932	$\frac{1}{12}$	$\frac{16}{161}$	$\frac{29}{161}$	$\frac{33}{161}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{84}\ \Phi_{69}\ \Phi_{46}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
134778	1760	1759	$\frac{144}{1759}$	$\frac{175}{1759}$	$\frac{323}{1759}$	$\frac{359}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134779	1760	1989	$\frac{16}{221}$	$\frac{1}{9}$	$\frac{41}{221}$	$\frac{45}{221}$	$\Phi_{1989}\ \Phi_{663}\ \Phi_{153}\ \Phi_{117}\ \Phi_{51}\ \Phi_{39}$
134780	1760	1759	$\frac{64}{1759}$	$\frac{339}{1759}$	$\frac{351}{1759}$	$\frac{355}{1759}$	$\Phi_{1759}\ \Phi_1^2$
134781	1760	2205	$\frac{16}{441}$	$\frac{85}{441}$	$\frac{1}{5}$	$\frac{89}{441}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{315}\ \Phi_{245}\ \Phi_{105}\ \Phi_{45}\ \Phi_{35}\ \Phi_{15}$
134782	1760	545	$\frac{4}{109}$	$\frac{21}{109}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{545}^3\ \Phi_{109}^4\ \Phi_5^6\ \Phi_1^8$
134783	1760	690	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{690}^3\ \Phi_{345}^3\ \Phi_{230}^3\ \Phi_{138}^4\ \Phi_{69}^4\ \Phi_{46}^4$
134784	1760	545	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{545}^3\ \Phi_{109}^4\ \Phi_5^6\ \Phi_1^8$
134785	1760	660	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}^3\ \Phi_{132}^4\ \Phi_{110}^3\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{33}^4\ \Phi_{22}^4$
134786	1760	105	$\frac{1}{21}$	$\frac{17}{105}$	$\frac{4}{21}$	$\frac{1}{5}$	$\Phi_{105}^{16}\ \Phi_{35}^{16}\ \Phi_{21}^{20}\ \Phi_{15}^{16}\ \Phi_7^{20}\ \Phi_5^{15}\ \Phi_3^{20}\ \Phi_1^{20}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
134787	1760	135	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{1}{5}$	$\Phi_{135}^{16}\ \Phi_{45}^{17}\ \Phi_{15}^{17}\ \Phi_{5}^{16}$
134788	1760	245	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{1}{5}$	$\Phi_{245}^{9}\ \Phi_{35}^{9}\ \Phi_{5}^{8}$
134789	1760	780	$\frac{1}{12}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{5}$	$\Phi_{780}^{3}\ \Phi_{390}^{3}\ \Phi_{260}^{3}\ \Phi_{195}^{2}\ \Phi_{130}^{3}\ \Phi_{65}^{2}\ \Phi_{60}^{4}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{2}$
134790	1760	735	$\frac{11}{147}$	$\frac{17}{147}$	$\frac{26}{147}$	$\frac{1}{5}$	$\Phi_{735}^{3}\ \Phi_{245}^{3}\ \Phi_{105}^{3}\ \Phi_{35}^{3}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
134791	1760	870	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{870}^{3}\ \Phi_{435}^{2}\ \Phi_{290}^{3}\ \Phi_{145}^{2}\ \Phi_{30}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{2}$
134792	1760	180	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{180}^{15}\ \Phi_{90}^{12}\ \Phi_{60}^{10}\ \Phi_{45}^{13}\ \Phi_{30}^{8}\ \Phi_{20}^{10}\ \Phi_{15}^{9}\ \Phi_{10}^{8}\ \Phi_{5}^{8}$
134793	1760	1215	$\frac{23}{243}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{5}$	$\Phi_{1215}^{2}\ \Phi_{405}^{2}\ \Phi_{45}\ \Phi_{15}$
134794	1760	315	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{5}$	$\Phi_{315}^{8}\ \Phi_{105}^{8}\ \Phi_{45}\ \Phi_{35}^{8}\ \Phi_{15}$
134795	1760	153	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{7}{51}$	$\frac{3}{17}$	$\Phi_{153}^{13}\ \Phi_{51}^{8}\ \Phi_{17}^{10}\ \Phi_{9}^{12}\ \Phi_{3}^{7}\ \Phi_{1}^{10}$
134796	1761	2816	$\frac{1}{352}$	$\frac{353}{1408}$	$\frac{1055}{2816}$	$\frac{351}{704}$	$\Phi_{2816}\ \Phi_{704}\ \Phi_{256}\ \Phi_{64}\ \Phi_{1}$
134797	1761	2340	$\frac{2}{585}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{583}{1170}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{585}\ \Phi_{468}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{156}\ \Phi_{117}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{45}\ \Phi_{39}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
134798	1761	784	$\frac{1}{196}$	$\frac{1}{4}$	$\frac{197}{784}$	$\frac{195}{392}$	$\Phi_{784}^{3}\ \Phi_{196}^{3}\ \Phi_{112}^{3}\ \Phi_{98}^{3}\ \Phi_{49}^{3}\ \Phi_{28}^{3}\ \Phi_{16}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
134799	1761	1168	$\frac{3}{584}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{581}{1168}$	$\Phi_{1168}^{3}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
134800	1761	3200	$\frac{1}{160}$	$\frac{161}{1600}$	$\frac{1439}{3200}$	$\frac{159}{320}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{320}\ \Phi_{128}\ \Phi_{64}\ \Phi_{1}$
134801	1761	1164	$\frac{5}{582}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{577}{1164}$	$\Phi_{1164}\ \Phi_{582}^{2}\ \Phi_{388}\ \Phi_{291}^{2}\ \Phi_{194}^{2}\ \Phi_{97}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
134802	1761	2324	$\frac{6}{581}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{575}{1162}$	$\Phi_{2324}\ \Phi_{581}\ \Phi_{332}\ \Phi_{83}\ \Phi_{28}^{2}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
134803	1761	672	$\frac{1}{84}$	$\frac{85}{672}$	$\frac{1}{4}$	$\frac{83}{168}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}^{3}\ \Phi_{112}^{3}\ \Phi_{96}^{3}\ \Phi_{84}^{3}\ \Phi_{48}^{3}\ \Phi_{42}^{3}\ \Phi_{32}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{16}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
134804	1761	1160	$\frac{7}{580}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{573}{1160}$	$\Phi_{1160}^{3}\ \Phi_{232}^{3}\ \Phi_{40}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
134805	1761	3472	$\frac{25}{1736}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1711}{3472}$	$\Phi_{3472}\ \Phi_{496}\ \Phi_{112}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
134806	1761	2360	$\frac{9}{590}$	$\frac{1}{10}$	$\frac{599}{2360}$	$\frac{581}{1180}$	$\Phi_{2360}\ \Phi_{590}\ \Phi_{472}\ \Phi_{295}\ \Phi_{118}\ \Phi_{59}\ \Phi_{40}\ \Phi_{8}\ \Phi_{1}$
134807	1761	1960	$\frac{3}{196}$	$\frac{199}{1960}$	$\frac{1}{4}$	$\frac{193}{392}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{280}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{70}\ \Phi_{49}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
134808	1761	1152	$\frac{11}{576}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{565}{1152}$	$\Phi_{1152}^{3}\ \Phi_{384}^{3}\ \Phi_{128}^{3}\ \Phi_{64}\ \Phi_{1}$
134809	1761	1152	$\frac{11}{576}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{565}{1152}$	$\Phi_{1152}^{3}\ \Phi_{384}^{3}\ \Phi_{128}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
134810	1761	1152	$\frac{11}{576}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{565}{1152}$	$\Phi_{1152}^{3}\ \Phi_{384}^{3}\ \Phi_{128}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
134811	1761	1148	$\frac{13}{574}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{561}{1148}$	$\Phi_{1148}\ \Phi_{574}^{2}\ \Phi_{287}^{2}\ \Phi_{164}\ \Phi_{82}^{2}\ \Phi_{41}^{2}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
134812	1761	2368	$\frac{15}{592}$	$\frac{1}{16}$	$\frac{607}{2368}$	$\frac{577}{1184}$	$\Phi_{2368}\ \Phi_{592}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}\ \Phi_{64}\ \Phi_{37}\ \Phi_{1}$
134813	1761	1144	$\frac{15}{572}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{557}{1144}$	$\Phi_{1144}^{3}\ \Phi_{104}^{3}\ \Phi_{88}^{3}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
134814	1761	768	$\frac{1}{32}$	$\frac{11}{192}$	$\frac{181}{768}$	$\frac{31}{64}$	$\Phi_{768}^{3}\ \Phi_{384}^{3}\ \Phi_{256}^{3}\ \Phi_{128}^{3}\ \Phi_{64}\ \Phi_{1}$
134815	1761	640	$\frac{1}{32}$	$\frac{53}{640}$	$\frac{11}{64}$	$\frac{31}{64}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{128}^{3}\ \Phi_{80}^{3}\ \Phi_{64}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{1}$
134816	1761	2268	$\frac{20}{567}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{547}{1134}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{567}\ \Phi_{324}\ \Phi_{252}\ \Phi_{189}\ \Phi_{108}\ \Phi_{84}^{2}\ \Phi_{81}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}^{2}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
134817	1761	792	$\frac{7}{198}$	$\frac{1}{22}$	$\frac{205}{792}$	$\frac{191}{396}$	$\Phi_{792}^{3}\ \Phi_{264}^{3}\ \Phi_{198}^{3}\ \Phi_{99}^{3}\ \Phi_{88}^{3}\ \Phi_{72}^{3}\ \Phi_{66}^{3}\ \Phi_{33}^{3}\ \Phi_{24}^{3}\ \Phi_{22}^{2}\ \Phi_{18}^{3}\ \Phi_{11}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
134818	1761	616	$\frac{1}{28}$	$\frac{29}{616}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{616}^{3}\ \Phi_{308}^{3}\ \Phi_{154}^{3}\ \Phi_{88}^{3}\ \Phi_{77}^{3}\ \Phi_{44}^{3}\ \Phi_{28}^{3}\ \Phi_{22}^{3}\ \Phi_{14}^{3}\ \Phi_{11}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
134819	1761	2024	$\frac{10}{253}$	$\frac{1}{11}$	$\frac{263}{2024}$	$\frac{243}{506}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{253}\ \Phi_{184}\ \Phi_{92}\ \Phi_{88}\ \Phi_{44}\ \Phi_{23}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
134820	1761	3388	$\frac{67}{1694}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1627}{3388}$	$\Phi_{3388}\ \Phi_{484}\ \Phi_{308}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
134821	1761	1120	$\frac{1}{40}$	$\frac{27}{560}$	$\frac{13}{40}$	$\frac{533}{1120}$	$\Phi_{1120}^{3}\ \Phi_{224}^{3}\ \Phi_{160}^{3}\ \Phi_{40}^{2}\ \Phi_{32}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
134822	1761	1120	$\frac{1}{28}$	$\frac{27}{560}$	$\frac{1}{4}$	$\frac{533}{1120}$	$\Phi_{1120}^{3}\ \Phi_{224}^{3}\ \Phi_{160}^{3}\ \Phi_{32}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
134823	1761	1904	$\frac{7}{136}$	$\frac{143}{1904}$	$\frac{1}{8}$	$\frac{129}{272}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{112}\ \Phi_{68}\ \Phi_{56}\ \Phi_{34}\ \Phi_{28}\ \Phi_{17}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
134824	1761	3328	$\frac{1}{32}$	$\frac{97}{1664}$	$\frac{31}{128}$	$\frac{1567}{3328}$	$\Phi_{3328}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{1}$
134825	1761	3328	$\frac{97}{1664}$	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1567}{3328}$	$\Phi_{3328}\ \Phi_{256}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
134826	1761	800	$\frac{1}{40}$	$\frac{13}{200}$	$\frac{213}{800}$	$\frac{187}{400}$	$\Phi_{800}^3\ \Phi_{200}^3\ \Phi_{160}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
134827	1761	1100	$\frac{1}{55}$	$\frac{37}{550}$	$\frac{18}{55}$	$\frac{513}{1100}$	$\Phi_{1100}^3\ \Phi_{220}^3\ \Phi_{100}^3\ \Phi_{55}^2\ \Phi_{44}^3\ \Phi_{20}^3\ \Phi_{11}^2\ \Phi_{5}^2\ \Phi_{4}^3\ \Phi_{1}^3$
134828	1761	624	$\frac{37}{624}$	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{97}{208}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^2\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{48}^3\ \Phi_{39}^3\ \Phi_{26}^3\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
134829	1761	1092	$\frac{1}{42}$	$\frac{41}{546}$	$\frac{1}{4}$	$\frac{505}{1092}$	$\Phi_{1092}\ \Phi_{546}^2\ \Phi_{364}\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{156}\ \Phi_{91}^2\ \Phi_{84}^3\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{42}^3\ \Phi_{39}^2\ \Phi_{28}^3\ \Phi_{26}^2\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_{7}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
134830	1761	1088	$\frac{7}{136}$	$\frac{43}{544}$	$\frac{1}{8}$	$\frac{501}{1088}$	$\Phi_{1088}^3\ \Phi_{136}\ \Phi_{68}\ \Phi_{64}^3\ \Phi_{34}\ \Phi_{17}\ \Phi_{1}$
134831	1761	600	$\frac{13}{600}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
134832	1761	2156	$\frac{1}{49}$	$\frac{48}{539}$	$\frac{1}{4}$	$\frac{491}{1078}$	$\Phi_{2156}\ \Phi_{539}\ \Phi_{308}\ \Phi_{196}^2\ \Phi_{98}\ \Phi_{77}\ \Phi_{49}\ \Phi_{44}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_{11}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
134833	1761	2420	$\frac{1}{55}$	$\frac{54}{605}$	$\frac{659}{2420}$	$\frac{551}{1210}$	$\Phi_{2420}\ \Phi_{605}\ \Phi_{484}\ \Phi_{220}\ \Phi_{121}\ \Phi_{44}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
134834	1761	3200	$\frac{1}{40}$	$\frac{161}{1600}$	$\frac{39}{200}$	$\frac{1439}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{200}\ \Phi_{128}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{1}$
134835	1761	660	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{73}{660}$	$\frac{59}{132}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}^3\ \Phi_{110}^3\ \Phi_{66}^3\ \Phi_{60}^3\ \Phi_{55}^3\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{11}^2\ \Phi_{10}^3\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
134836	1761	1792	$\frac{31}{1792}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{64}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
134837	1761	720	$\frac{1}{40}$	$\frac{13}{120}$	$\frac{133}{720}$	$\frac{107}{240}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_{9}^3\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
134838	1761	1056	$\frac{1}{88}$	$\frac{59}{528}$	$\frac{29}{88}$	$\frac{469}{1056}$	$\Phi_{1056}^3\ \Phi_{352}^3\ \Phi_{96}^3\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{32}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
134839	1761	1056	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{59}{528}$	$\frac{469}{1056}$	$\Phi_{1056}^3\ \Phi_{352}^3\ \Phi_{96}^3\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{32}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{6}^3\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
134840	1761	2048	$\frac{1}{32}$	$\frac{31}{256}$	$\frac{287}{2048}$	$\frac{225}{512}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{1}$
134841	1761	3136	$\frac{3}{196}$	$\frac{193}{1568}$	$\frac{1}{4}$	$\frac{1375}{3136}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{196}\ \Phi_{98}\ \Phi_{64}\ \Phi_{49}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
134842	1761	3136	$\frac{1}{32}$	$\frac{193}{1568}$	$\frac{31}{224}$	$\frac{1375}{3136}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
134843	1761	616	$\frac{29}{616}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{154}$	$\Phi_{616}^3\ \Phi_{308}^3\ \Phi_{154}^2\ \Phi_{88}^3\ \Phi_{77}^3\ \Phi_{56}^3\ \Phi_{44}^3\ \Phi_{28}^3\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_{8}^3\ \Phi_{7}^3\ \Phi_{4}^3\ \Phi_{2}^2\ \Phi_{1}^3$
134844	1761	2464	$\frac{1}{88}$	$\frac{87}{616}$	$\frac{703}{2464}$	$\frac{529}{1232}$	$\Phi_{2464}\ \Phi_{616}\ \Phi_{352}\ \Phi_{308}\ \Phi_{224}\ \Phi_{154}\ \Phi_{77}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
134845	1761	1024	$\frac{1}{32}$	$\frac{31}{256}$	$\frac{75}{512}$	$\frac{437}{1024}$	$\Phi_{1024}^3\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{1}$
134846	1761	1012	$\frac{10}{253}$	$\frac{1}{11}$	$\frac{81}{506}$	$\frac{425}{1012}$	$\Phi_{1012}^3\ \Phi_{253}\ \Phi_{92}^3\ \Phi_{44}^3\ \Phi_{23}\ \Phi_{4}^3\ \Phi_{1}$
134847	1761	1008	$\frac{1}{84}$	$\frac{83}{504}$	$\frac{1}{4}$	$\frac{421}{1008}$	$\Phi_{1008}^3\ \Phi_{336}^3\ \Phi_{144}^3\ \Phi_{112}^3\ \Phi_{84}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{7}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
134848	1761	2000	$\frac{1}{40}$	$\frac{239}{2000}$	$\frac{39}{200}$	$\frac{161}{400}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{1}$
134849	1761	980	$\frac{1}{98}$	$\frac{97}{490}$	$\frac{1}{4}$	$\frac{393}{980}$	$\Phi_{980}\ \Phi_{490}^2\ \Phi_{245}^2\ \Phi_{196}^3\ \Phi_{140}\ \Phi_{98}^3\ \Phi_{70}^2\ \Phi_{49}^3\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{20}\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_{7}^3\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
134850	1761	960	$\frac{1}{160}$	$\frac{107}{480}$	$\frac{53}{160}$	$\frac{373}{960}$	$\Phi_{960}^3\ \Phi_{320}^3\ \Phi_{192}^3\ \Phi_{160}^2\ \Phi_{80}^2\ \Phi_{64}^3\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
134851	1761	960	$\frac{1}{40}$	$\frac{13}{120}$	$\frac{107}{480}$	$\frac{373}{960}$	$\Phi_{960}^3\ \Phi_{320}^3\ \Phi_{192}^3\ \Phi_{120}^3\ \Phi_{64}^3\ \Phi_{60}^3\ \Phi_{40}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
134852	1761	2560	$\frac{1}{160}$	$\frac{159}{640}$	$\frac{799}{2560}$	$\frac{481}{1280}$	$\Phi_{2560}\ \Phi_{640}\ \Phi_{512}\ \Phi_{320}\ \Phi_{128}\ \Phi_{64}\ \Phi_{1}$
134853	1761	592	$\frac{5}{592}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{592}^3\ \Phi_{296}^3\ \Phi_{148}^3\ \Phi_{74}^3\ \Phi_{37}^3\ \Phi_{16}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
134854	1761	600	$\frac{13}{600}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{25}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
134855	1761	605	$\frac{18}{605}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{605}^3\ \Phi_{121}^3\ \Phi_{55}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^3$
134856	1761	896	$\frac{1}{32}$	$\frac{31}{448}$	$\frac{139}{448}$	$\frac{309}{896}$	$\Phi_{896}^3\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}^3\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
134857	1761	608	$\frac{21}{608}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{608}^3\ \Phi_{304}^3\ \Phi_{152}^3\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
134858	1761	616	$\frac{1}{22}$	$\frac{29}{616}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{616}^3\ \Phi_{308}^3\ \Phi_{154}^3\ \Phi_{88}^3\ \Phi_{77}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{22}^2\ \Phi_{14}^3\ \Phi_{11}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_2^2\ \Phi_1^3$
134859	1761	640	$\frac{1}{40}$	$\frac{53}{640}$	$\frac{13}{40}$	$\frac{27}{80}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
134860	1761	660	$\frac{1}{55}$	$\frac{73}{660}$	$\frac{18}{55}$	$\frac{37}{110}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{60}^3\ \Phi_{55}^2\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
134861	1761	704	$\frac{1}{88}$	$\frac{117}{704}$	$\frac{29}{88}$	$\frac{59}{176}$	$\Phi_{704}^3\ \Phi_{352}^3\ \Phi_{88}^2\ \Phi_{64}^3\ \Phi_{44}^2\ \Phi_{32}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
134862	1761	1764	$\frac{1}{147}$	$\frac{1}{4}$	$\frac{146}{441}$	$\frac{295}{882}$	$\Phi_{1764}\ \Phi_{588}^2\ \Phi_{441}\ \Phi_{294}\ \Phi_{252}\ \Phi_{196}^2\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{49}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
134863	1761	880	$\frac{1}{220}$	$\frac{73}{220}$	$\frac{293}{880}$	$\frac{147}{440}$	$\Phi_{880}^3\ \Phi_{220}^2\ \Phi_{176}^3\ \Phi_{110}^2\ \Phi_{80}^3\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
134864	1761	615	$\frac{28}{615}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{615}^3\ \Phi_{205}^3\ \Phi_{123}^2\ \Phi_{41}^3\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
134865	1761	780	$\frac{2}{195}$	$\frac{193}{780}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^3\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^3\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{13}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
134866	1761	1188	$\frac{7}{594}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1188}^2\ \Phi_{594}\ \Phi_{396}^2\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{99}\ \Phi_{66}\ \Phi_{54}\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
134867	1761	1404	$\frac{2}{117}$	$\frac{115}{702}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1404}^2\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{156}\ \Phi_{117}\ \Phi_{108}^2\ \Phi_{54}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{27}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
134868	1761	600	$\frac{13}{600}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^2\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
134869	1761	1260	$\frac{2}{45}$	$\frac{43}{630}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}^2\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
134870	1761	624	$\frac{2}{39}$	$\frac{37}{624}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{156}^2\ \Phi_{104}^3\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{48}^3\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
134871	1761	876	$\frac{3}{292}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{289}{876}$	$\Phi_{876}^3\ \Phi_{438}^3\ \Phi_{219}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
134872	1761	792	$\frac{1}{88}$	$\frac{59}{264}$	$\frac{205}{792}$	$\frac{29}{88}$	$\Phi_{792}^3\ \Phi_{396}^3\ \Phi_{198}^3\ \Phi_{99}^3\ \Phi_{88}^2\ \Phi_{72}^3\ \Phi_{44}^2\ \Phi_{36}^3\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{11}^2\ \Phi_9^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
134873	1761	756	$\frac{1}{84}$	$\frac{169}{756}$	$\frac{1}{4}$	$\frac{83}{252}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{189}^3\ \Phi_{108}^3\ \Phi_{84}^3\ \Phi_{54}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{27}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
134874	1761	825	$\frac{1}{55}$	$\frac{37}{275}$	$\frac{238}{825}$	$\frac{18}{55}$	$\Phi_{825}^3\ \Phi_{165}^3\ \Phi_{75}^3\ \Phi_{55}^2\ \Phi_{33}^3\ \Phi_{15}^3\ \Phi_{11}^2\ \Phi_5^2\ \Phi_3^3\ \Phi_1^3$
134875	1761	870	$\frac{7}{290}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{283}{870}$	$\Phi_{870}^3\ \Phi_{435}^3\ \Phi_{174}^3\ \Phi_{87}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
134876	1761	840	$\frac{1}{40}$	$\frac{27}{280}$	$\frac{253}{840}$	$\frac{13}{40}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{40}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
134877	1761	868	$\frac{25}{868}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{281}{868}$	$\Phi_{868}^2\ \Phi_{434}^2\ \Phi_{217}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
134878	1761	864	$\frac{11}{288}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{277}{864}$	$\Phi_{864}^3\ \Phi_{432}^3\ \Phi_{216}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
134879	1761	864	$\frac{11}{288}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{277}{864}$	$\Phi_{864}^3\ \Phi_{432}^3\ \Phi_{216}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
134880	1761	759	$\frac{10}{253}$	$\frac{1}{11}$	$\frac{172}{759}$	$\frac{81}{253}$	$\Phi_{759}^3\ \Phi_{253}\ \Phi_{69}^3\ \Phi_{33}^3\ \Phi_{23}\ \Phi_3^3\ \Phi_1$
134881	1761	858	$\frac{1}{22}$	$\frac{15}{286}$	$\frac{271}{858}$	$\frac{7}{22}$	$\Phi_{858}^3\ \Phi_{429}^3\ \Phi_{78}^3\ \Phi_{66}^3\ \Phi_{39}^3\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_6^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
134882	1761	1260	$\frac{1}{21}$	$\frac{43}{630}$	$\frac{1}{4}$	$\frac{20}{63}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
134883	1761	680	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{93}{680}$	$\frac{43}{136}$	$\Phi_{680}^3\ \Phi_{340}^3\ \Phi_{170}^3\ \Phi_{136}\ \Phi_{85}^3\ \Phi_{68}\ \Phi_{40}^3\ \Phi_{34}\ \Phi_{20}^3\ \Phi_{17}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1$
134884	1761	768	$\frac{11}{192}$	$\frac{1}{16}$	$\frac{181}{768}$	$\frac{5}{16}$	$\Phi_{768}^3\ \Phi_{384}^3\ \Phi_{256}^3\ \Phi_{128}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
134885	1761	624	$\frac{37}{624}$	$\frac{1}{16}$	$\frac{11}{48}$	$\frac{5}{16}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{26}^3\ \Phi_{16}^2\ \Phi_{13}^3\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
134886	1761	720	$\frac{1}{16}$	$\frac{11}{144}$	$\frac{133}{720}$	$\frac{5}{16}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_{8}^2\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
134887	1761	640	$\frac{1}{16}$	$\frac{53}{640}$	$\frac{11}{64}$	$\frac{5}{16}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{128}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}^3\ \Phi_{8}^2\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
134888	1761	672	$\frac{1}{16}$	$\frac{11}{96}$	$\frac{85}{672}$	$\frac{5}{16}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_{8}^2\ \Phi_{7}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
134889	1761	847	$\frac{67}{847}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{260}{847}$	$\Phi_{847}^2\ \Phi_{121}^2\ \Phi_{77}^3\ \Phi_{11}^2\ \Phi_{7}^3\ \Phi_{1}^3$
134890	1761	612	$\frac{25}{612}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{204}^3\ \Phi_{153}^3\ \Phi_{102}^3\ \Phi_{68}^3\ \Phi_{51}^3\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
134891	1761	840	$\frac{1}{28}$	$\frac{27}{280}$	$\frac{1}{4}$	$\frac{253}{840}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{30}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{7}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
134892	1761	832	$\frac{7}{104}$	$\frac{97}{832}$	$\frac{1}{8}$	$\frac{245}{832}$	$\Phi_{832}^2\ \Phi_{416}^2\ \Phi_{208}^2\ \Phi_{104}^3\ \Phi_{64}^2\ \Phi_{52}^3\ \Phi_{32}^2\ \Phi_{26}^3\ \Phi_{16}^2\ \Phi_{13}^3\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
134893	1761	768	$\frac{1}{32}$	$\frac{31}{256}$	$\frac{181}{768}$	$\frac{75}{256}$	$\Phi_{768}^3\ \Phi_{384}^3\ \Phi_{256}\ \Phi_{192}^3\ \Phi_{128}\ \Phi_{96}^3\ \Phi_{64}\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{3}^3\ \Phi_{1}$
134894	1761	816	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{43}{272}$	$\frac{229}{816}$	$\Phi_{816}^3\ \Phi_{408}^3\ \Phi_{204}^3\ \Phi_{136}\ \Phi_{102}^3\ \Phi_{68}\ \Phi_{51}^3\ \Phi_{48}^3\ \Phi_{34}\ \Phi_{24}^3\ \Phi_{17}\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{3}^3\ \Phi_{1}$
134895	1761	800	$\frac{1}{40}$	$\frac{39}{200}$	$\frac{161}{800}$	$\frac{213}{800}$	$\Phi_{800}^2\ \Phi_{400}^2\ \Phi_{200}^3\ \Phi_{160}^2\ \Phi_{100}^3\ \Phi_{80}^2\ \Phi_{50}^3\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
134896	1761	792	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{59}{264}$	$\frac{205}{792}$	$\Phi_{792}^3\ \Phi_{396}^3\ \Phi_{198}^3\ \Phi_{99}^3\ \Phi_{72}^3\ \Phi_{66}^3\ \Phi_{36}^3\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{11}^2\ \Phi_{9}^3\ \Phi_{6}^3\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
134897	1761	784	$\frac{3}{196}$	$\frac{193}{784}$	$\frac{1}{4}$	$\frac{197}{784}$	$\Phi_{784}^2\ \Phi_{392}^2\ \Phi_{196}^3\ \Phi_{112}^2\ \Phi_{98}^3\ \Phi_{56}^2\ \Phi_{49}^3\ \Phi_{28}^3\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_{8}^2\ \Phi_{7}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
134898	1761	672	$\frac{1}{28}$	$\frac{85}{672}$	$\frac{27}{112}$	$\frac{1}{4}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{7}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
134899	1761	768	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{181}{768}$	$\frac{1}{4}$	$\Phi_{768}^3\ \Phi_{384}^3\ \Phi_{256}^3\ \Phi_{128}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
134900	1761	624	$\frac{37}{624}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
134901	1761	756	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{169}{756}$	$\frac{1}{4}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^3\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{84}^3\ \Phi_{63}^3\ \Phi_{54}^2\ \Phi_{42}^3\ \Phi_{36}^2\ \Phi_{28}^3\ \Phi_{27}^3\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{9}^3\ \Phi_{7}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
134902	1761	700	$\frac{1}{28}$	$\frac{113}{700}$	$\frac{27}{140}$	$\frac{1}{4}$	$\Phi_{700}^3\ \Phi_{350}^3\ \Phi_{175}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{28}^3\ \Phi_{25}^3\ \Phi_{14}^3\ \Phi_{7}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
134903	1761	720	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{133}{720}$	$\frac{1}{4}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
134904	1761	648	$\frac{1}{12}$	$\frac{61}{648}$	$\frac{11}{72}$	$\frac{1}{4}$	$\Phi_{648}^3\ \Phi_{324}^3\ \Phi_{216}^3\ \Phi_{162}^3\ \Phi_{108}^3\ \Phi_{81}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
134905	1761	672	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{85}{672}$	$\frac{1}{4}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{7}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
134906	1761	2176	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{415}{2176}$	$\frac{129}{544}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{136}\ \Phi_{128}\ \Phi_{68}\ \Phi_{64}\ \Phi_{34}\ \Phi_{17}\ \Phi_{1}$
134907	1761	2080	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{319}{2080}$	$\frac{97}{416}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{160}\ \Phi_{130}\ \Phi_{104}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
134908	1762	1758	$\frac{2}{879}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{877}{1758}$	$\Phi_{1758}^2\ \Phi_{586}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
134909	1762	1176	$\frac{1}{294}$	$\frac{295}{1176}$	$\frac{1}{3}$	$\frac{293}{588}$	$\Phi_{1176}^2\ \Phi_{392}^2\ \Phi_{294}^2\ \Phi_{168}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{56}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
134910	1762	1755	$\frac{7}{1755}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{874}{1755}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{27}\ \Phi_{15}\ \Phi_{13}\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
134911	1762	1752	$\frac{5}{876}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{871}{1752}$	$\Phi_{1752}^2\ \Phi_{584}^2\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
134912	1762	5250	$\frac{6}{875}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{869}{1750}$	$\Phi_{5250}\ \Phi_{1050}\ \Phi_{750}\ \Phi_{210}\ \Phi_{150}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{6}$
134913	1762	1008	$\frac{1}{126}$	$\frac{127}{1008}$	$\frac{1}{3}$	$\frac{125}{252}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
134914	1762	1746	$\frac{8}{873}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{865}{1746}$	$\Phi_{1746}^2\ \Phi_{582}^2\ \Phi_{194}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134915	1762	2940	$\frac{1}{98}$	$\frac{99}{980}$	$\frac{1}{3}$	$\frac{97}{196}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{735}\ \Phi_{420}\ \Phi_{294}\ \Phi_{210}\ \Phi_{147}\ \Phi_{105}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
134916	1762	1743	$\frac{19}{1743}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{862}{1743}$	$\Phi_{1743}\ \Phi_{581}\ \Phi_{249}\ \Phi_{83}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
134917	1762	5208	$\frac{13}{868}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{855}{1736}$	$\Phi_{5208}\ \Phi_{744}\ \Phi_{168}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_6$
134918	1762	1728	$\frac{17}{864}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{847}{1728}$	$\Phi_{1728}^2\ \Phi_{576}^2\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134919	1762	1722	$\frac{20}{861}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{841}{1722}$	$\Phi_{1722}^2\ \Phi_{574}^2\ \Phi_{246}^2\ \Phi_{82}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134920	1762	924	$\frac{1}{42}$	$\frac{43}{924}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134921	1762	1701	$\frac{2}{63}$	$\frac{61}{1701}$	$\frac{1}{3}$	$\frac{820}{1701}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{243}\ \Phi_{189}\ \Phi_{81}\ \Phi_{63}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
134922	1762	1680	$\frac{1}{42}$	$\frac{41}{840}$	$\frac{1}{3}$	$\frac{799}{1680}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134923	1762	900	$\frac{19}{900}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134924	1762	4998	$\frac{1}{49}$	$\frac{48}{833}$	$\frac{1}{3}$	$\frac{785}{1666}$	$\Phi_{4998}\ \Phi_{714}\ \Phi_{294}\ \Phi_{147}\ \Phi_{102}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
134925	1762	2688	$\frac{15}{896}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_6$
134926	1762	1638	$\frac{1}{63}$	$\frac{62}{819}$	$\frac{1}{3}$	$\frac{757}{1638}$	$\Phi_{1638}^2\ \Phi_{546}^2\ \Phi_{234}^2\ \Phi_{182}^2\ \Phi_{126}^2\ \Phi_{78}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{26}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134927	1762	1617	$\frac{2}{147}$	$\frac{145}{1617}$	$\frac{1}{3}$	$\frac{736}{1617}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{231}\ \Phi_{147}^2\ \Phi_{77}\ \Phi_{49}^2\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
134928	1762	4704	$\frac{1}{98}$	$\frac{97}{784}$	$\frac{1}{3}$	$\frac{687}{1568}$	$\Phi_{4704}\ \Phi_{672}\ \Phi_{294}\ \Phi_{147}\ \Phi_{96}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
134929	1762	1512	$\frac{1}{126}$	$\frac{125}{756}$	$\frac{1}{3}$	$\frac{631}{1512}$	$\Phi_{1512}^2\ \Phi_{504}^2\ \Phi_{216}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134930	1762	888	$\frac{7}{888}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{888}^2\ \Phi_{444}^2\ \Phi_{296}^2\ \Phi_{222}^2\ \Phi_{148}^2\ \Phi_{111}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134931	1762	1470	$\frac{1}{147}$	$\frac{146}{735}$	$\frac{1}{3}$	$\frac{589}{1470}$	$\Phi_{1470}^2\ \Phi_{490}^2\ \Phi_{294}^2\ \Phi_{210}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134932	1762	1323	$\frac{2}{441}$	$\frac{439}{1323}$	$\frac{1}{3}$	$\frac{442}{1323}$	$\Phi_{1323}\ \Phi_{441}^2\ \Phi_{189}\ \Phi_{147}^2\ \Phi_{63}^2\ \Phi_{49}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
134933	1762	1134	$\frac{1}{126}$	$\frac{253}{1134}$	$\frac{125}{378}$	$\frac{1}{3}$	$\Phi_{1134}^2\ \Phi_{567}^2\ \Phi_{162}^2\ \Phi_{126}^2\ \Phi_{81}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134934	1762	1314	$\frac{5}{438}$	$\frac{1}{6}$	$\frac{433}{1314}$	$\frac{1}{3}$	$\Phi_{1314}^2\ \Phi_{657}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134935	1762	1302	$\frac{13}{434}$	$\frac{1}{14}$	$\frac{421}{1302}$	$\frac{1}{3}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}^2\ \Phi_{217}^2\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{42}^2\ \Phi_{31}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134936	1762	945	$\frac{2}{63}$	$\frac{64}{945}$	$\frac{61}{189}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
134937	1762	1296	$\frac{17}{432}$	$\frac{1}{18}$	$\frac{415}{1296}$	$\frac{1}{3}$	$\Phi_{1296}^2\ \Phi_{648}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134938	1762	918	$\frac{37}{918}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{17}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134939	1762	1260	$\frac{1}{42}$	$\frac{41}{420}$	$\frac{379}{1260}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134940	1762	891	$\frac{10}{891}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{99}^2\ \Phi_{81}^2\ \Phi_{33}^2\ \Phi_{27}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
134941	1762	1176	$\frac{1}{98}$	$\frac{97}{392}$	$\frac{295}{1176}$	$\frac{1}{3}$	$\Phi_{1176}\ \Phi_{588}\ \Phi_{392}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{168}\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134942	1762	1170	$\frac{7}{585}$	$\frac{2}{9}$	$\frac{289}{1170}$	$\frac{1}{3}$	$\Phi_{1170}^2\ \Phi_{585}\ \Phi_{390}^2\ \Phi_{234}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{117}\ \Phi_{90}^2\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134943	1762	1008	$\frac{1}{42}$	$\frac{127}{1008}$	$\frac{41}{168}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134944	1762	936	$\frac{1}{18}$	$\frac{55}{936}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
134945	1762	1152	$\frac{1}{18}$	$\frac{17}{288}$	$\frac{271}{1152}$	$\frac{1}{3}$	$\Phi_{1152}^2\ \Phi_{576}^2\ \Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134946	1762	1134	$\frac{2}{63}$	$\frac{61}{567}$	$\frac{253}{1134}$	$\frac{1}{3}$	$\Phi_{1134}^2\ \Phi_{567}\ \Phi_{378}^2\ \Phi_{189}\ \Phi_{162}^2\ \Phi_{126}^2\ \Phi_{81}\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{27}$ $\Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134947	1762	1053	$\frac{7}{351}$	$\frac{172}{1053}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1053}^2\ \Phi_{351}\ \Phi_{117}\ \Phi_{81}^2\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
134948	1762	900	$\frac{19}{900}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2$ $\Phi_{45}\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3$ $\Phi_2^2\ \Phi_1^2$
134949	1762	945	$\frac{7}{135}$	$\frac{64}{945}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_9^2$ $\Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
134950	1762	936	$\frac{55}{936}$	$\frac{7}{117}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{39}$ $\Phi_{36}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134951	1762	1050	$\frac{1}{42}$	$\frac{169}{1050}$	$\frac{41}{210}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{25}^2\ \Phi_{21}^2\ \Phi_{14}^2$ $\Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134952	1762	1080	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{199}{1080}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2$ $\Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134953	1762	2730	$\frac{29}{910}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{273}\ \Phi_{210}\ \Phi_{195}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{30}$ $\Phi_{21}\ \Phi_6$
134954	1762	1050	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{169}{1050}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2$ $\Phi_{35}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134955	1762	972	$\frac{1}{18}$	$\frac{91}{972}$	$\frac{17}{108}$	$\frac{1}{3}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134956	1762	1008	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{127}{1008}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2$ $\Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
134957	1763	1680	$\frac{1}{42}$	$\frac{1}{40}$	$\frac{39}{80}$	$\frac{41}{84}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{80}^3\ \Phi_{48}^2\ \Phi_{28}\ \Phi_{16}^3\ \Phi_{12}$ $\Phi_4\ \Phi_1$
134958	1763	420	$\frac{1}{42}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{41}{84}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^5\ \Phi_{70}^4\ \Phi_{60}^5\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^5\ \Phi_{28}^5\ \Phi_{21}^4$ $\Phi_{20}^4\ \Phi_{15}^5\ \Phi_{14}^4\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^5\ \Phi_5^4\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
134959	1763	924	$\frac{1}{42}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{84}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}^3\ \Phi_{33}^2$ $\Phi_{28}\ \Phi_{22}^3\ \Phi_{12}\ \Phi_{11}^3\ \Phi_4\ \Phi_1$
134960	1763	1260	$\frac{1}{42}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{84}$	$\Phi_{1260}^3\ \Phi_{420}^2\ \Phi_{252}^3\ \Phi_{180}^3\ \Phi_{140}^2\ \Phi_{84}^3\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{20}^2$ $\Phi_{15}\ \Phi_{12}^3\ \Phi_9\ \Phi_4^3\ \Phi_3\ \Phi_1$
134961	1763	2100	$\frac{1}{42}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{84}$	$\Phi_{2100}^2\ \Phi_{700}^2\ \Phi_{300}^2\ \Phi_{100}^2\ \Phi_{84}\ \Phi_{50}\ \Phi_{28}\ \Phi_{25}\ \Phi_{12}\ \Phi_4\ \Phi_1$
134962	1763	336	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{84}$	$\Phi_{336}^6\ \Phi_{168}^4\ \Phi_{112}^6\ \Phi_{84}^5\ \Phi_{56}^4\ \Phi_{48}^7\ \Phi_{42}^4\ \Phi_{28}^5\ \Phi_{24}^5\ \Phi_{21}^4\ \Phi_{16}^7\ \Phi_{14}^4$ $\Phi_{12}^6\ \Phi_8^4\ \Phi_7^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
134963	1763	720	$\frac{1}{40}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{720}^5\ \Phi_{240}^4\ \Phi_{144}^5\ \Phi_{80}^5\ \Phi_{48}^4\ \Phi_{45}\ \Phi_{16}^5\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
134964	1763	5040	$\frac{1}{40}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{39}{80}$	$\Phi_{5040}\ \Phi_{1008}\ \Phi_{720}\ \Phi_{144}\ \Phi_{80}\ \Phi_{63}\ \Phi_{16}\ \Phi_9\ \Phi_1$
134965	1763	560	$\frac{1}{40}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{39}{80}$	$\Phi_{560}^6\ \Phi_{112}^6\ \Phi_{80}^7\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}^7\ \Phi_8\ \Phi_4\ \Phi_1$
134966	1763	240	$\frac{1}{40}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{39}{80}$	$\Phi_{240}^6\ \Phi_{120}^8\ \Phi_{80}^7\ \Phi_{60}^8\ \Phi_{48}^7\ \Phi_{40}^8\ \Phi_{30}^8\ \Phi_{24}^9\ \Phi_{20}^8\ \Phi_{16}^8\ \Phi_{15}^8\ \Phi_{12}^9$ $\Phi_{10}^8\ \Phi_8^9\ \Phi_6^8\ \Phi_5^8\ \Phi_4^9\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
134967	1763	3920	$\frac{1}{40}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{39}{80}$	$\Phi_{3920}\ \Phi_{784}\ \Phi_{80}\ \Phi_{49}\ \Phi_{16}\ \Phi_1$
134968	1763	1716	$\frac{1}{44}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{286}\ \Phi_{156}\ \Phi_{143}\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{52}\ \Phi_{44}$ $\Phi_{39}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
134969	1763	616	$\frac{1}{44}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{616}^4\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{88}^4\ \Phi_{77}^2\ \Phi_{56}^3\ \Phi_{44}\ \Phi_{28}^2\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_8^3$ $\Phi_7\ \Phi_4\ \Phi_1$
134970	1763	1680	$\frac{1}{42}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}$ $\Phi_{16}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
134971	1763	792	$\frac{1}{44}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{792}^4\ \Phi_{264}^4\ \Phi_{132}^2\ \Phi_{88}^4\ \Phi_{72}^3\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{24}^3\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}$ $\Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
134972	1763	528	$\frac{1}{44}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{176}^4\ \Phi_{132}^2\ \Phi_{88}^4\ \Phi_{66}^2\ \Phi_{48}^3\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{24}^3\ \Phi_{22}\ \Phi_{16}^3$ $\Phi_{12}^2\ \Phi_{11}\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
134973	1763	1540	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}^2\ \Phi_{220}\ \Phi_{154}^2\ \Phi_{140}\ \Phi_{110}\ \Phi_{77}^2\ \Phi_{55}\ \Phi_{44}$ $\Phi_{35}\ \Phi_{28}^2\ \Phi_{22}\ \Phi_{20}\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
134974	1763	336	$\frac{1}{42}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{336}^6\ \Phi_{168}^4\ \Phi_{112}^6\ \Phi_{84}^6\ \Phi_{56}^4\ \Phi_{48}^5\ \Phi_{42}^5\ \Phi_{28}^6\ \Phi_{24}^3\ \Phi_{21}^5\ \Phi_{16}^5\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_8^4\ \Phi_7^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
134975	1763	462	$\frac{1}{42}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}^3\ \Phi_{42}^3\ \Phi_{33}^4\ \Phi_{22}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{11}^3\ \Phi_7^3\ \Phi_6^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
134976	1763	180	$\frac{2}{45}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^9\ \Phi_{45}^{11}\ \Phi_{36}^{10}\ \Phi_{30}^9\ \Phi_{20}^8\ \Phi_{18}^{10}\ \Phi_{15}^{10}\ \Phi_{12}^9\ \Phi_{10}^8\ \Phi_9^{11}\ \Phi_6^9\ \Phi_5^9\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
134977	1763	1980	$\frac{2}{45}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_9\ \Phi_5\ \Phi_1$
134978	1763	45	$\frac{2}{45}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{45}^{39}\ \Phi_{15}^{40}\ \Phi_9^{39}\ \Phi_5^{39}\ \Phi_3^{39}\ \Phi_1^{39}$
134979	1763	450	$\frac{2}{45}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{450}^5\ \Phi_{225}^5\ \Phi_{150}^4\ \Phi_{75}^4\ \Phi_{50}^5\ \Phi_{45}\ \Phi_{25}^5\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
134980	1763	720	$\frac{2}{45}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{720}^3\ \Phi_{360}^2\ \Phi_{240}^3\ \Phi_{180}^2\ \Phi_{144}^3\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^3\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}\ \Phi_{15}^3\ \Phi_{12}\ \Phi_{10}^2\ \Phi_9^3\ \Phi_6\ \Phi_5^3\ \Phi_3\ \Phi_1$
134981	1763	1260	$\frac{1}{21}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{20}{63}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{63}^3\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
134982	1763	2772	$\frac{1}{21}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{20}{63}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{63}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_9\ \Phi_1$
134983	1763	315	$\frac{1}{21}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{20}{63}$	$\Phi_{315}^5\ \Phi_{105}^6\ \Phi_{63}^6\ \Phi_{45}^6\ \Phi_{35}^6\ \Phi_{21}^6\ \Phi_{15}^7\ \Phi_9^7\ \Phi_7^6\ \Phi_5^6\ \Phi_3^7\ \Phi_1^7$
134984	1763	3150	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{20}{63}$	$\Phi_{3150}\ \Phi_{1575}\ \Phi_{450}\ \Phi_{225}\ \Phi_{63}\ \Phi_{50}\ \Phi_{25}\ \Phi_9\ \Phi_1$
134985	1763	1008	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{20}{63}$	$\Phi_{1008}^3\ \Phi_{504}^2\ \Phi_{252}^2\ \Phi_{144}^3\ \Phi_{126}^2\ \Phi_{72}^2\ \Phi_{63}^3\ \Phi_{48}\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{16}\ \Phi_{12}\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
134986	1763	840	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{19}{60}$	$\Phi_{840}^4\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{168}^4\ \Phi_{120}^4\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{60}^3\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{30}^3\ \Phi_{28}\ \Phi_{24}^4\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_8\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
134987	1763	240	$\frac{1}{20}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{19}{60}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{80}^8\ \Phi_{60}^5\ \Phi_{48}^9\ \Phi_{40}^8\ \Phi_{30}^5\ \Phi_{24}^9\ \Phi_{20}^4\ \Phi_{16}^9\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_8^9\ \Phi_6^5\ \Phi_5^4\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
134988	1763	2940	$\frac{1}{20}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{19}{60}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{735}\ \Phi_{588}\ \Phi_{294}\ \Phi_{147}\ \Phi_{60}\ \Phi_{49}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
134989	1763	420	$\frac{1}{42}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^6\ \Phi_{70}^4\ \Phi_{60}^3\ \Phi_{42}^5\ \Phi_{35}^4\ \Phi_{30}^3\ \Phi_{28}^6\ \Phi_{21}^5\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_7^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
134990	1763	1188	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{297}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{66}^2\ \Phi_{54}\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{27}\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
134991	1763	616	$\frac{3}{44}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{4}$	$\Phi_{616}^4\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{88}^4\ \Phi_{77}^2\ \Phi_{56}\ \Phi_{44}^3\ \Phi_{28}\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_8\ \Phi_4\ \Phi_1$
134992	1763	528	$\frac{3}{44}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{176}^4\ \Phi_{132}^2\ \Phi_{88}^4\ \Phi_{66}^2\ \Phi_{48}\ \Phi_{44}^3\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{22}^3\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}^3\ \Phi_8\ \Phi_4\ \Phi_1$
134993	1763	2156	$\frac{3}{44}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2156}\ \Phi_{1078}\ \Phi_{539}\ \Phi_{49}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
134994	1763	2520	$\frac{1}{14}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{13}{56}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}\ \Phi_{60}\ \Phi_{56}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
134995	1763	1400	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{13}{56}$	$\Phi_{1400}^2\ \Phi_{700}^2\ \Phi_{200}^2\ \Phi_{100}^2\ \Phi_{56}\ \Phi_{50}\ \Phi_{28}\ \Phi_{25}\ \Phi_8\ \Phi_4\ \Phi_1$
134996	1763	336	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{13}{56}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{84}^6\ \Phi_{56}\ \Phi_{48}^7\ \Phi_{42}^6\ \Phi_{28}\ \Phi_{24}^7\ \Phi_{21}^6\ \Phi_{16}^7\ \Phi_{12}^7\ \Phi_8\ \Phi_6^7\ \Phi_4\ \Phi_3^7\ \Phi_1$
134997	1763	720	$\frac{4}{45}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^2\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{72}^3\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{15}\ \Phi_{12}^3\ \Phi_9\ \Phi_8^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
134998	1763	2205	$\frac{4}{45}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{441}\ \Phi_{147}\ \Phi_{49}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
134999	1763	1200	$\frac{1}{10}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{9}{50}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{100}^2\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
135000	1763	2450	$\frac{1}{10}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{9}{50}$	$\Phi_{2450}\ \Phi_{1225}\ \Phi_{50}\ \Phi_{49}\ \Phi_{25}\ \Phi_1$
135001	1763	48	$\frac{5}{48}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{6}$	$\Phi_{48}^{36}\ \Phi_{24}^{38}\ \Phi_{16}^{36}\ \Phi_{12}^{38}\ \Phi_8^{37}\ \Phi_6^{37}\ \Phi_4^{37}\ \Phi_3^{37}\ \Phi_2^{36}\ \Phi_1^{37}$
135002	1763	2352	$\frac{6}{49}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{48}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{784}\ \Phi_{588}\ \Phi_{294}\ \Phi_{147}\ \Phi_{49}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
135003	1764	2640	$\frac{1}{440}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{439}{880}$	$\Phi_{2640}\ \Phi_{880}^2\ \Phi_{528}\ \Phi_{240}\ \Phi_{176}^2\ \Phi_{80}^2\ \Phi_{48}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
135004	1764	1465	$\frac{1}{293}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{146}{293}$	$\Phi_{1465}\ \Phi_{293}^2\ \Phi_5^2\ \Phi_1^4$
135005	1764	3516	$\frac{1}{293}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{146}{293}$	$\Phi_{3516}\ \Phi_{1758}\ \Phi_{12}^2\ \Phi_6^2$
135006	1764	1763	$\frac{7}{1763}$	$\frac{295}{1763}$	$\frac{734}{1763}$	$\frac{878}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_1^2$
135007	1764	3012	$\frac{1}{251}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{125}{251}$	$\Phi_{3012}\ \Phi_{1004}\ \Phi_{251}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
135008	1764	2259	$\frac{1}{251}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{125}{251}$	$\Phi_{2259}\ \Phi_{251}\ \Phi_9^2\ \Phi_1^2$
135009	1764	2356	$\frac{3}{589}$	$\frac{1}{4}$	$\frac{148}{589}$	$\frac{293}{589}$	$\Phi_{2356}\ \Phi_{1178}\ \Phi_{124}\ \Phi_{76}\ \Phi_{62}\ \Phi_{38}$
135010	1764	1763	$\frac{9}{1763}$	$\frac{440}{1763}$	$\frac{443}{1763}$	$\frac{877}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_1^2$
135011	1764	3120	$\frac{1}{195}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{97}{195}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{240}\ \Phi_{208}\ \Phi_{195}\ \Phi_{80}\ \Phi_{65}\ \Phi_{48}\ \Phi_{39}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{13}\ \Phi_5\ \Phi_3\ \Phi_1^2$
135012	1764	780	$\frac{1}{195}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{97}{195}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^3\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^3\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{13}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^3\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
135013	1764	2649	$\frac{5}{883}$	$\frac{148}{883}$	$\frac{1}{3}$	$\frac{439}{883}$	Φ_{2649}
135014	1764	3212	$\frac{1}{146}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{145}{292}$	$\Phi_{3212}\ \Phi_{292}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
135015	1764	6132	$\frac{1}{146}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{145}{292}$	$\Phi_{6132}\ \Phi_{84}\ \Phi_{21}$
135016	1764	3212	$\frac{1}{146}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{145}{292}$	$\Phi_{3212}\ \Phi_{292}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
135017	1764	1460	$\frac{1}{146}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{145}{292}$	$\Phi_{1460}\ \Phi_{730}^2\ \Phi_{365}^2\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
135018	1764	1763	$\frac{13}{1763}$	$\frac{296}{1763}$	$\frac{489}{1763}$	$\frac{875}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_1^2$
135019	1764	1625	$\frac{1}{125}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{62}{125}$	$\Phi_{1625}\ \Phi_{325}\ \Phi_{125}^2\ \Phi_{65}\ \Phi_{25}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
135020	1764	3000	$\frac{1}{125}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{62}{125}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
135021	1764	2356	$\frac{5}{589}$	$\frac{99}{589}$	$\frac{1}{4}$	$\frac{292}{589}$	$\Phi_{2356}\ \Phi_{1178}\ \Phi_{124}\ \Phi_{76}\ \Phi_{62}\ \Phi_{38}$
135022	1764	1763	$\frac{15}{1763}$	$\frac{127}{1763}$	$\frac{818}{1763}$	$\frac{874}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_1^2$
135023	1764	1649	$\frac{1}{97}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{48}{97}$	$\Phi_{1649}\ \Phi_{97}^2\ \Phi_{17}^2\ \Phi_1^4$
135024	1764	2910	$\frac{1}{97}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{48}{97}$	$\Phi_{2910}\ \Phi_{1455}\ \Phi_{582}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
135025	1764	1649	$\frac{1}{97}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{48}{97}$	$\Phi_{1649}\ \Phi_{97}^2\ \Phi_{17}^2\ \Phi_1^4$
135026	1764	2716	$\frac{1}{97}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{48}{97}$	$\Phi_{2716}\ \Phi_{1358}\ \Phi_{28}^2\ \Phi_{14}^2$
135027	1764	1763	$\frac{19}{1763}$	$\frac{99}{1763}$	$\frac{832}{1763}$	$\frac{872}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_1^2$
135028	1764	2024	$\frac{3}{253}$	$\frac{1}{8}$	$\frac{64}{253}$	$\frac{125}{253}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{184}\ \Phi_{92}\ \Phi_{88}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
135029	1764	3320	$\frac{1}{83}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{41}{83}$	$\Phi_{3320}\ \Phi_{664}\ \Phi_{83}\ \Phi_{40}^2\ \Phi_8^2\ \Phi_1^2$
135030	1764	830	$\frac{1}{83}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{41}{83}$	$\Phi_{830}^2\ \Phi_{415}^2\ \Phi_{166}^2\ \Phi_{83}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
135031	1764	664	$\frac{1}{83}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{41}{83}$	$\Phi_{664}^3\ \Phi_{332}^2\ \Phi_{166}^2\ \Phi_{83}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
135032	1764	2075	$\frac{1}{83}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{41}{83}$	$\Phi_{2075}\ \Phi_{83}\ \Phi_{25}^2\ \Phi_1^2$
135033	1764	2030	$\frac{2}{145}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{143}{290}$	$\Phi_{2030}^2\ \Phi_{406}^2\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{14}^2$
135034	1764	1763	$\frac{25}{1763}$	$\frac{149}{1763}$	$\frac{538}{1763}$	$\frac{869}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_1^2$
135035	1764	1763	$\frac{25}{1763}$	$\frac{188}{1763}$	$\frac{447}{1763}$	$\frac{869}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_1^2$
135036	1764	2649	$\frac{13}{883}$	$\frac{64}{883}$	$\frac{1}{3}$	$\frac{435}{883}$	Φ_{2649}
135037	1764	1970	$\frac{3}{197}$	$\frac{1}{10}$	$\frac{50}{197}$	$\frac{97}{197}$	$\Phi_{1970}\ \Phi_{985}\ \Phi_{394}$
135038	1764	3348	$\frac{1}{62}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{61}{124}$	$\Phi_{3348}\ \Phi_{1116}\ \Phi_{372}\ \Phi_{124}^2\ \Phi_{108}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
135039	1764	1860	$\frac{1}{62}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{61}{124}$	$\Phi_{1860}^2\ \Phi_{620}^2\ \Phi_{372}\ \Phi_{124}^2\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
135040	1764	1116	$\frac{1}{62}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{61}{124}$	$\Phi_{1116}^3\ \Phi_{372}^3\ \Phi_{124}^4\ \Phi_{36}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
135041	1764	1240	$\frac{1}{62}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{61}{124}$	$\Phi_{1240}^2\ \Phi_{620}\ \Phi_{310}^2\ \Phi_{155}^2\ \Phi_{40}^3\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
135042	1764	1763	$\frac{29}{1763}$	$\frac{128}{1763}$	$\frac{545}{1763}$	$\frac{867}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_1^2$
135043	1764	413	$\frac{1}{59}$	$\frac{1}{7}$	$\frac{10}{59}$	$\frac{29}{59}$	$\Phi_{413}^5\ \Phi_7^4$
135044	1764	1763	$\frac{31}{1763}$	$\frac{244}{1763}$	$\frac{299}{1763}$	$\frac{866}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_1^2$
135045	1764	2356	$\frac{11}{589}$	$\frac{50}{589}$	$\frac{1}{4}$	$\frac{289}{589}$	$\Phi_{2356}\ \Phi_{1178}\ \Phi_{124}\ \Phi_{76}\ \Phi_{62}\ \Phi_{38}$
135046	1764	1763	$\frac{33}{1763}$	$\frac{146}{1763}$	$\frac{449}{1763}$	$\frac{865}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_1^2$
135047	1764	2649	$\frac{17}{883}$	$\frac{50}{883}$	$\frac{1}{3}$	$\frac{433}{883}$	Φ_{2649}
135048	1764	2024	$\frac{5}{253}$	$\frac{1}{8}$	$\frac{43}{253}$	$\frac{124}{253}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{184}\ \Phi_{92}\ \Phi_{88}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
135049	1764	3360	$\frac{1}{48}$	$\frac{1}{35}$	$\frac{17}{35}$	$\frac{47}{96}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}^2\ \Phi_{35}\ \Phi_{32}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
135050	1764	1824	$\frac{1}{48}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{1824}^2\ \Phi_{608}^2\ \Phi_{57}$
135051	1764	3360	$\frac{1}{48}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{47}{96}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}^2\ \Phi_{35}\ \Phi_{32}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
135052	1764	1248	$\frac{1}{48}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{47}{96}$	$\Phi_{1248}^3\ \Phi_{416}^3\ \Phi_{52}\ \Phi_{26}$
135053	1764	3360	$\frac{1}{48}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{47}{96}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}^2\ \Phi_{35}\ \Phi_{32}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
135054	1764	480	$\frac{1}{48}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{47}{96}$	$\Phi_{480}^7\ \Phi_{160}^7\ \Phi_{96}^8\ \Phi_{32}^8\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
135055	1764	672	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{47}{96}$	$\Phi_{672}^5\ \Phi_{224}^5\ \Phi_{96}^6\ \Phi_{32}^6\ \Phi_7^5\ \Phi_1^6$
135056	1764	1763	$\frac{37}{1763}$	$\frac{209}{1763}$	$\frac{300}{1763}$	$\frac{863}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_1^2$
135057	1764	2356	$\frac{13}{589}$	$\frac{43}{589}$	$\frac{1}{4}$	$\frac{288}{589}$	$\Phi_{2356}\ \Phi_{1178}\ \Phi_{124}\ \Phi_{76}\ \Phi_{62}\ \Phi_{38}$
135058	1764	860	$\frac{1}{43}$	$\frac{11}{430}$	$\frac{419}{860}$	$\frac{21}{43}$	$\Phi_{860}^4\ \Phi_{172}^4\ \Phi_{43}\ \Phi_{20}^4\ \Phi_4^4\ \Phi_1^2$
135059	1764	215	$\frac{1}{43}$	$\frac{11}{215}$	$\frac{68}{215}$	$\frac{21}{43}$	$\Phi_{215}^8\ \Phi_{43}^9\ \Phi_5^8\ \Phi_1^{10}$
135060	1764	473	$\frac{1}{43}$	$\frac{32}{473}$	$\frac{11}{43}$	$\frac{21}{43}$	$\Phi_{473}^4\ \Phi_{43}\ \Phi_{11}^4\ \Phi_1^2$
135061	1764	1075	$\frac{1}{43}$	$\frac{22}{215}$	$\frac{193}{1075}$	$\frac{21}{43}$	$\Phi_{1075}^2\ \Phi_{43}\ \Phi_{25}^2\ \Phi_1^2$
135062	1764	172	$\frac{1}{43}$	$\frac{11}{86}$	$\frac{25}{172}$	$\frac{21}{43}$	$\Phi_{172}^{12}\ \Phi_{86}^8\ \Phi_{43}^9\ \Phi_4^{12}\ \Phi_2^8\ \Phi_1^{10}$
135063	1764	41	$\frac{1}{41}$	$\frac{1}{41}$	$\frac{20}{41}$	$\frac{20}{41}$	$\Phi_{41}^{43}\ \Phi_1^{44}$
135064	1764	2706	$\frac{1}{41}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{2706}\ \Phi_{1353}\ \Phi_{246}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_6^2$
135065	1764	41	$\frac{1}{41}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{20}{41}$	$\Phi_{41}^{43}\ \Phi_1^{44}$
135066	1764	2460	$\frac{1}{41}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{20}{41}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{820}\ \Phi_{492}\ \Phi_{410}\ \Phi_{246}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2$
135067	1764	82	$\frac{1}{41}$	$\frac{3}{41}$	$\frac{19}{82}$	$\frac{20}{41}$	$\Phi_{82}^{28}\ \Phi_{41}^{15}\ \Phi_2^{28}\ \Phi_1^{16}$
135068	1764	164	$\frac{1}{41}$	$\frac{17}{164}$	$\frac{7}{41}$	$\frac{20}{41}$	$\Phi_{164}^{12}\ \Phi_{82}^{12}\ \Phi_{41}^7\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^8$
135069	1764	41	$\frac{1}{41}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{20}{41}$	$\Phi_{41}^{43}\ \Phi_1^{44}$
135070	1764	2296	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{20}{41}$	$\Phi_{2296}\ \Phi_{1148}\ \Phi_{574}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2$
135071	1764	860	$\frac{11}{430}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{419}{860}$	$\Phi_{860}^4\ \Phi_{172}^4\ \Phi_{43}\ \Phi_{20}^4\ \Phi_4^4\ \Phi_1^2$
135072	1764	1430	$\frac{4}{143}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{139}{286}$	$\Phi_{1430}^3\ \Phi_{130}^3\ \Phi_{110}^3\ \Phi_{65}\ \Phi_{10}^3$
135073	1764	1785	$\frac{1}{35}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{85}\ \Phi_{51}^2\ \Phi_{35}\ \Phi_{17}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
135074	1764	2520	$\frac{1}{35}$	$\frac{1}{24}$	$\frac{23}{72}$	$\frac{17}{35}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
135075	1764	1820	$\frac{1}{35}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{182}\ \Phi_{130}\ \Phi_{91}\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{35}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
135076	1764	2240	$\frac{1}{35}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{17}{35}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{64}^2\ \Phi_{35}\ \Phi_{32}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
135077	1764	420	$\frac{1}{35}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{17}{35}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^5\ \Phi_{42}^4\ \Phi_{35}^5\ \Phi_{30}^5\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_{7}^5\ \Phi_{6}^4\ \Phi_{5}^6\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^6$
135078	1764	1890	$\frac{1}{35}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{17}{35}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
135079	1764	280	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{17}{35}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{56}^6\ \Phi_{40}^6\ \Phi_{35}^7\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_{8}^{12}\ \Phi_{7}^7\ \Phi_{5}^7\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
135080	1764	340	$\frac{1}{34}$	$\frac{5}{68}$	$\frac{1}{5}$	$\frac{33}{68}$	$\Phi_{340}^6\ \Phi_{170}^7\ \Phi_{85}^7\ \Phi_{20}^6\ \Phi_{10}^7\ \Phi_{5}^6$
135081	1764	1254	$\frac{1}{33}$	$\frac{1}{19}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{1254}^2\ \Phi_{627}\ \Phi_{418}^2\ \Phi_{209}\ \Phi_{114}^2\ \Phi_{57}\ \Phi_{38}^2$
135082	1764	380	$\frac{3}{95}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{46}{95}$	$\Phi_{380}^6\ \Phi_{190}^6\ \Phi_{76}^7\ \Phi_{38}^7\ \Phi_{20}^6\ \Phi_{10}^6\ \Phi_{4}^6\ \Phi_{2}^6$
135083	1764	620	$\frac{1}{31}$	$\frac{8}{155}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{620}^4\ \Phi_{310}^4\ \Phi_{124}^3\ \Phi_{62}^3\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_{4}^2\ \Phi_{2}^2$
135084	1764	1763	$\frac{57}{1763}$	$\frac{65}{1763}$	$\frac{566}{1763}$	$\frac{853}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^2$
135085	1764	1870	$\frac{3}{85}$	$\frac{1}{22}$	$\frac{22}{85}$	$\frac{41}{85}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{374}\ \Phi_{187}\ \Phi_{170}\ \Phi_{110}\ \Phi_{55}\ \Phi_{34}\ \Phi_{10}$
135086	1764	837	$\frac{1}{31}$	$\frac{1}{27}$	$\frac{10}{31}$	$\frac{13}{27}$	$\Phi_{837}^2\ \Phi_{279}^2\ \Phi_{93}^2\ \Phi_{31}^4\ \Phi_{27}^3\ \Phi_{9}^3\ \Phi_{3}^3\ \Phi_{1}^6$
135087	1764	1188	$\frac{1}{27}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{1188}^2\ \Phi_{594}\ \Phi_{396}^2\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}^2\ \Phi_{108}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}^4\ \Phi_{36}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_{9}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
135088	1764	837	$\frac{1}{27}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{13}{27}$	$\Phi_{837}^2\ \Phi_{279}^2\ \Phi_{93}^2\ \Phi_{31}^4\ \Phi_{27}^3\ \Phi_{9}^3\ \Phi_{3}^3\ \Phi_{1}^6$
135089	1764	1080	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{13}{27}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}^2\ \Phi_{135}\ \Phi_{120}^2\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{40}^4\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_{9}\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
135090	1764	850	$\frac{16}{425}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{409}{850}$	$\Phi_{850}^4\ \Phi_{170}^4\ \Phi_{85}\ \Phi_{50}^4\ \Phi_{34}^4\ \Phi_{10}^4\ \Phi_{2}^4$
135091	1764	260	$\frac{1}{26}$	$\frac{3}{52}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{260}^8\ \Phi_{130}^9\ \Phi_{65}^9\ \Phi_{20}^8\ \Phi_{10}^9\ \Phi_{5}^8$
135092	1764	1905	$\frac{5}{127}$	$\frac{1}{15}$	$\frac{22}{127}$	$\frac{61}{127}$	$\Phi_{1905}\ \Phi_{635}\ \Phi_{381}$
135093	1764	1763	$\frac{71}{1763}$	$\frac{131}{1763}$	$\frac{272}{1763}$	$\frac{846}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^2$
135094	1764	968	$\frac{5}{121}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{58}{121}$	$\Phi_{968}^2\ \Phi_{484}^2\ \Phi_{242}^2\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{2}^2$
135095	1764	1763	$\frac{73}{1763}$	$\frac{153}{1763}$	$\frac{230}{1763}$	$\frac{845}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^2$
135096	1764	184	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{1}{8}$	$\frac{11}{23}$	$\Phi_{184}^{11}\ \Phi_{92}^{11}\ \Phi_{46}^{11}\ \Phi_{8}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}$
135097	1764	2065	$\frac{13}{295}$	$\frac{22}{295}$	$\frac{1}{7}$	$\frac{141}{295}$	$\Phi_{2065}\ \Phi_{413}\ \Phi_{35}$
135098	1764	1763	$\frac{79}{1763}$	$\frac{104}{1763}$	$\frac{307}{1763}$	$\frac{842}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^2$
135099	1764	2356	$\frac{22}{589}$	$\frac{27}{589}$	$\frac{1}{4}$	$\frac{281}{589}$	$\Phi_{2356}\ \Phi_{1178}\ \Phi_{124}\ \Phi_{76}\ \Phi_{62}\ \Phi_{38}$
135100	1764	1763	$\frac{62}{1763}$	$\frac{81}{1763}$	$\frac{461}{1763}$	$\frac{841}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^2$
135101	1764	2649	$\frac{22}{883}$	$\frac{41}{883}$	$\frac{1}{3}$	$\frac{421}{883}$	Φ_{2649}
135102	1764	1763	$\frac{44}{1763}$	$\frac{85}{1763}$	$\frac{573}{1763}$	$\frac{839}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^2$
135103	1764	1763	$\frac{85}{1763}$	$\frac{132}{1763}$	$\frac{233}{1763}$	$\frac{839}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^2$
135104	1764	5160	$\frac{1}{43}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{5160}\ \Phi_{1032}\ \Phi_{129}$
135105	1764	3320	$\frac{2}{83}$	$\frac{1}{20}$	$\frac{27}{83}$	$\frac{19}{40}$	$\Phi_{3320}\ \Phi_{664}\ \Phi_{83}\ \Phi_{40}^2\ \Phi_{8}^2\ \Phi_{1}^2$
135106	1764	1160	$\frac{1}{29}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{1160}^3\ \Phi_{232}^3\ \Phi_{116}\ \Phi_{58}$
135107	1764	3320	$\frac{3}{83}$	$\frac{1}{20}$	$\frac{20}{83}$	$\frac{19}{40}$	$\Phi_{3320}\ \Phi_{664}\ \Phi_{83}\ \Phi_{40}^2\ \Phi_{8}^2\ \Phi_{1}^2$
135108	1764	440	$\frac{1}{22}$	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{440}^8\ \Phi_{110}\ \Phi_{88}^8\ \Phi_{55}\ \Phi_{40}^4\ \Phi_{10}\ \Phi_{8}^4$
135109	1764	3320	$\frac{1}{20}$	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{19}{40}$	$\Phi_{3320}\ \Phi_{664}\ \Phi_{83}\ \Phi_{40}^2\ \Phi_{8}^2\ \Phi_{1}^2$
135110	1764	840	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{19}{40}$	$\Phi_{840}^5\ \Phi_{280}^4\ \Phi_{168}^5\ \Phi_{105}\ \Phi_{56}^4\ \Phi_{35}\ \Phi_{21}$
135111	1764	3320	$\frac{1}{20}$	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{19}{40}$	$\Phi_{3320}\ \Phi_{664}\ \Phi_{83}\ \Phi_{40}^2\ \Phi_{8}^2\ \Phi_{1}^2$
135112	1764	520	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{19}{40}$	$\Phi_{520}^3\ \Phi_{260}^4\ \Phi_{130}^4\ \Phi_{104}^4\ \Phi_{65}^4\ \Phi_{52}^5\ \Phi_{26}^5\ \Phi_{13}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
135113	1764	2024	$\frac{13}{253}$	$\frac{19}{253}$	$\frac{1}{8}$	$\frac{120}{253}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{184}\ \Phi_{92}\ \Phi_{88}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
135114	1764	559	$\frac{1}{43}$	$\frac{29}{559}$	$\frac{14}{43}$	$\frac{265}{559}$	$\Phi_{559}^3\ \Phi_{43}^5\ \Phi_{13}^3\ \Phi_1^6$
135115	1764	152	$\frac{5}{152}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{152}^{12}\ \Phi_{76}^{11}\ \Phi_{38}^{11}\ \Phi_{19}^{12}\ \Phi_8^{12}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{12}$
135116	1764	372	$\frac{1}{31}$	$\frac{5}{93}$	$\frac{1}{4}$	$\frac{44}{93}$	$\Phi_{372}^6\ \Phi_{186}^6\ \Phi_{124}^7\ \Phi_{62}^7\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_2^6$
135117	1764	2550	$\frac{1}{50}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{2550}\ \Phi_{1275}\ \Phi_{510}\ \Phi_{255}\ \Phi_{150}^2\ \Phi_{102}\ \Phi_{75}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
135118	1764	374	$\frac{1}{22}$	$\frac{1}{17}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{374}^5\ \Phi_{187}^5\ \Phi_{34}^5\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_2^4$
135119	1764	1649	$\frac{1}{17}$	$\frac{6}{97}$	$\frac{13}{97}$	$\frac{8}{17}$	$\Phi_{1649}\ \Phi_{97}^2\ \Phi_{17}^2\ \Phi_1^4$
135120	1764	2040	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{8}{17}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{204}\ \Phi_{170}\ \Phi_{120}^2\ \Phi_{102}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2$
135121	1764	4160	$\frac{1}{26}$	$\frac{25}{416}$	$\frac{1}{5}$	$\frac{391}{832}$	$\Phi_{4160}\ \Phi_{320}\ \Phi_{130}\ \Phi_{65}\ \Phi_{10}$
135122	1764	1763	$\frac{104}{1763}$	$\frac{109}{1763}$	$\frac{237}{1763}$	$\frac{827}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_1^2$
135123	1764	1763	$\frac{113}{1763}$	$\frac{134}{1763}$	$\frac{181}{1763}$	$\frac{825}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_1^2$
135124	1764	1970	$\frac{13}{197}$	$\frac{15}{197}$	$\frac{1}{10}$	$\frac{92}{197}$	$\Phi_{1970}\ \Phi_{985}\ \Phi_{394}$
135125	1764	2024	$\frac{15}{253}$	$\frac{17}{253}$	$\frac{1}{8}$	$\frac{118}{253}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{184}\ \Phi_{92}\ \Phi_{88}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
135126	1764	1763	$\frac{69}{1763}$	$\frac{121}{1763}$	$\frac{314}{1763}$	$\frac{821}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_1^2$
135127	1764	2356	$\frac{15}{589}$	$\frac{41}{589}$	$\frac{1}{4}$	$\frac{274}{589}$	$\Phi_{2356}\ \Phi_{1178}\ \Phi_{124}\ \Phi_{76}\ \Phi_{62}\ \Phi_{38}$
135128	1764	86	$\frac{1}{43}$	$\frac{3}{43}$	$\frac{23}{86}$	$\frac{20}{43}$	$\Phi_{86}^{28}\ \Phi_{43}^{13}\ \Phi_2^{28}\ \Phi_1^{14}$
135129	1764	451	$\frac{10}{451}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{451}^4\ \Phi_{41}^3\ \Phi_{11}^4\ \Phi_1^4$
135130	1764	820	$\frac{1}{41}$	$\frac{31}{410}$	$\frac{10}{41}$	$\frac{379}{820}$	$\Phi_{820}^4\ \Phi_{164}^4\ \Phi_{41}^3\ \Phi_{20}^4\ \Phi_4^4\ \Phi_1^4$
135131	1764	2496	$\frac{1}{64}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{192}^2\ \Phi_{156}\ \Phi_{96}^2\ \Phi_{78}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
135132	1764	1625	$\frac{2}{125}$	$\frac{1}{13}$	$\frac{41}{125}$	$\frac{6}{13}$	$\Phi_{1625}\ \Phi_{325}\ \Phi_{125}^2\ \Phi_{65}\ \Phi_{25}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
135133	1764	2236	$\frac{1}{43}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{2236}\ \Phi_{1118}\ \Phi_{172}^2\ \Phi_{86}^2$
135134	1764	65	$\frac{2}{65}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{65}^{27}\ \Phi_{13}^{28}\ \Phi_5^{26}\ \Phi_1^{28}$
135135	1764	325	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{4}{25}$	$\frac{6}{13}$	$\Phi_{325}^5\ \Phi_{65}^5\ \Phi_{25}^{10}\ \Phi_{13}^6\ \Phi_5^{10}\ \Phi_1^{12}$
135136	1764	2002	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{2002}\ \Phi_{1001}\ \Phi_{182}\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{14}^2$
135137	1764	1625	$\frac{6}{125}$	$\frac{1}{13}$	$\frac{17}{125}$	$\frac{6}{13}$	$\Phi_{1625}\ \Phi_{325}\ \Phi_{125}^2\ \Phi_{65}\ \Phi_{25}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
135138	1764	1976	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{6}{13}$	$\Phi_{1976}\ \Phi_{988}\ \Phi_{494}\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{38}^2$
135139	1764	1625	$\frac{8}{125}$	$\frac{1}{13}$	$\frac{13}{125}$	$\frac{6}{13}$	$\Phi_{1625}\ \Phi_{325}\ \Phi_{125}^2\ \Phi_{65}\ \Phi_{25}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
135140	1764	390	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{6}{13}$	$\Phi_{390}^5\ \Phi_{195}^4\ \Phi_{130}^4\ \Phi_{78}^5\ \Phi_{65}^3\ \Phi_{39}^4\ \Phi_{30}^{10}\ \Phi_{26}^4\ \Phi_{15}^8\ \Phi_{13}^4\ \Phi_{10}^8\ \Phi_6^{10}\ \Phi_5^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
135141	1764	1360	$\frac{1}{34}$	$\frac{11}{136}$	$\frac{1}{5}$	$\frac{125}{272}$	$\Phi_{1360}^3\ \Phi_{170}\ \Phi_{85}\ \Phi_{80}^3\ \Phi_{10}$
135142	1764	1850	$\frac{1}{50}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{1850}\ \Phi_{925}\ \Phi_{370}\ \Phi_{185}\ \Phi_{74}$
135143	1764	3330	$\frac{1}{37}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{3330}\ \Phi_{1110}\ \Phi_{666}\ \Phi_{370}\ \Phi_{222}\ \Phi_{185}\ \Phi_{74}$
135144	1764	1710	$\frac{1}{19}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{90}$	$\Phi_{1710}^2\ \Phi_{570}^2\ \Phi_{342}^2\ \Phi_{190}^2\ \Phi_{171}\ \Phi_{114}^2\ \Phi_{57}\ \Phi_{38}^2$
135145	1764	803	$\frac{1}{73}$	$\frac{1}{11}$	$\frac{24}{73}$	$\frac{5}{11}$	$\Phi_{803}^2\ \Phi_{73}^4\ \Phi_{11}^3\ \Phi_1^6$
135146	1764	1100	$\frac{1}{50}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{1100}^2\ \Phi_{550}\ \Phi_{275}\ \Phi_{220}^2\ \Phi_{110}\ \Phi_{100}^4\ \Phi_{55}\ \Phi_{50}^2\ \Phi_{44}\ \Phi_{25}^2\ \Phi_{20}^4\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
135147	1764	803	$\frac{3}{73}$	$\frac{1}{11}$	$\frac{10}{73}$	$\frac{5}{11}$	$\Phi_{803}^2\ \Phi_{73}^4\ \Phi_{11}^3\ \Phi_1^6$
135148	1764	88	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{88}^{23}\ \Phi_{44}^{23}\ \Phi_{22}^{11}\ \Phi_{11}^{12}\ \Phi_8^{22}\ \Phi_4^{22}\ \Phi_2^{10}\ \Phi_1^{12}$
135149	1764	1045	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{5}{11}$	$\Phi_{1045}^2\ \Phi_{209}\ \Phi_{95}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
135150	1764	920	$\frac{1}{23}$	$\frac{11}{115}$	$\frac{1}{8}$	$\frac{52}{115}$	$\Phi_{920}^2\ \Phi_{460}^2\ \Phi_{230}^2\ \Phi_{184}^3\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{2}^2$
135151	1764	1763	$\frac{23}{1763}$	$\frac{169}{1763}$	$\frac{580}{1763}$	$\frac{797}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^2$
135152	1764	1763	$\frac{69}{1763}$	$\frac{169}{1763}$	$\frac{242}{1763}$	$\frac{797}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^2$
135153	1764	2220	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{555}\ \Phi_{444}\ \Phi_{370}\ \Phi_{222}\ \Phi_{185}\ \Phi_{111}\ \Phi_{74}$
135154	1764	1905	$\frac{1}{15}$	$\frac{10}{127}$	$\frac{13}{127}$	$\frac{57}{127}$	$\Phi_{1905}\ \Phi_{635}\ \Phi_{381}$
135155	1764	1856	$\frac{1}{64}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}$
135156	1764	1763	$\frac{116}{1763}$	$\frac{139}{1763}$	$\frac{183}{1763}$	$\frac{790}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^2$
135157	1764	2024	$\frac{10}{253}$	$\frac{27}{253}$	$\frac{1}{8}$	$\frac{113}{253}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{184}\ \Phi_{92}\ \Phi_{88}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
135158	1764	1763	$\frac{26}{1763}$	$\frac{193}{1763}$	$\frac{489}{1763}$	$\frac{785}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^2$
135159	1764	2649	$\frac{10}{883}$	$\frac{97}{883}$	$\frac{1}{3}$	$\frac{393}{883}$	Φ_{2649}
135160	1764	1026	$\frac{1}{19}$	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1026}^2\ \Phi_{513}^2\ \Phi_{342}^2\ \Phi_{171}\ \Phi_{114}^2\ \Phi_{57}\ \Phi_{38}^2$
135161	1764	1763	$\frac{20}{1763}$	$\frac{197}{1763}$	$\frac{581}{1763}$	$\frac{783}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^2$
135162	1764	1672	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{88}$	$\Phi_{1672}^2\ \Phi_{209}\ \Phi_{152}^2$
135163	1764	43	$\frac{1}{43}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{43}^{41}\ \Phi_{1}^{42}$
135164	1764	1763	$\frac{47}{1763}$	$\frac{211}{1763}$	$\frac{286}{1763}$	$\frac{776}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^2$
135165	1764	1763	$\frac{55}{1763}$	$\frac{217}{1763}$	$\frac{244}{1763}$	$\frac{773}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^2$
135166	1764	1584	$\frac{1}{99}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1584}^2\ \Phi_{528}^2\ \Phi_{176}^2\ \Phi_{144}^2\ \Phi_{99}^2\ \Phi_{48}\ \Phi_{33}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
135167	1764	1040	$\frac{1}{65}$	$\frac{1}{8}$	$\frac{16}{65}$	$\frac{7}{16}$	$\Phi_{1040}^3\ \Phi_{208}^3\ \Phi_{80}^3\ \Phi_{65}^3\ \Phi_{16}^4\ \Phi_{13}^3\ \Phi_{5}^3\ \Phi_{1}^4$
135168	1764	400	$\frac{1}{50}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{400}^8\ \Phi_{80}^7\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{16}^8\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
135169	1764	1872	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{19}{117}$	$\frac{7}{16}$	$\Phi_{1872}^2\ \Phi_{624}\ \Phi_{208}\ \Phi_{144}^2\ \Phi_{117}^2\ \Phi_{48}\ \Phi_{39}\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
135170	1764	1040	$\frac{2}{65}$	$\frac{1}{8}$	$\frac{9}{65}$	$\frac{7}{16}$	$\Phi_{1040}^3\ \Phi_{208}^3\ \Phi_{80}^3\ \Phi_{65}^3\ \Phi_{16}^4\ \Phi_{13}^3\ \Phi_{5}^3\ \Phi_{1}^4$
135171	1764	464	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{464}^7\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}$
135172	1764	208	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{208}^{15}\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{16}^{16}\ \Phi_{13}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
135173	1764	240	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{240}^{13}\ \Phi_{80}^{13}\ \Phi_{48}^{13}\ \Phi_{16}^{14}\ \Phi_{15}^{13}\ \Phi_{5}^{13}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
135174	1764	1763	$\frac{71}{1763}$	$\frac{188}{1763}$	$\frac{225}{1763}$	$\frac{769}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^2$
135175	1764	1870	$\frac{1}{22}$	$\frac{8}{85}$	$\frac{11}{85}$	$\frac{37}{85}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{374}\ \Phi_{187}\ \Phi_{170}\ \Phi_{110}\ \Phi_{55}\ \Phi_{34}\ \Phi_{10}$
135176	1764	1881	$\frac{1}{19}$	$\frac{8}{99}$	$\frac{13}{99}$	$\frac{43}{99}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{209}\ \Phi_{171}\ \Phi_{57}$
135177	1764	1763	$\frac{111}{1763}$	$\frac{118}{1763}$	$\frac{235}{1763}$	$\frac{764}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^2$
135178	1764	1905	$\frac{8}{127}$	$\frac{1}{15}$	$\frac{17}{127}$	$\frac{55}{127}$	$\Phi_{1905}\ \Phi_{635}\ \Phi_{381}$
135179	1764	1850	$\frac{1}{50}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{1850}\ \Phi_{925}\ \Phi_{370}\ \Phi_{185}\ \Phi_{74}$
135180	1764	1763	$\frac{90}{1763}$	$\frac{143}{1763}$	$\frac{239}{1763}$	$\frac{762}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^2$
135181	1764	1763	$\frac{76}{1763}$	$\frac{167}{1763}$	$\frac{241}{1763}$	$\frac{761}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^2$
135182	1764	1970	$\frac{8}{197}$	$\frac{1}{10}$	$\frac{27}{197}$	$\frac{85}{197}$	$\Phi_{1970}\ \Phi_{985}\ \Phi_{394}$
135183	1764	2024	$\frac{8}{253}$	$\frac{1}{8}$	$\frac{35}{253}$	$\frac{109}{253}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{184}\ \Phi_{92}\ \Phi_{88}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
135184	1764	2065	$\frac{8}{295}$	$\frac{41}{295}$	$\frac{1}{7}$	$\frac{127}{295}$	$\Phi_{2065}\ \Phi_{413}\ \Phi_{35}$
135185	1764	86	$\frac{1}{43}$	$\frac{6}{43}$	$\frac{7}{43}$	$\frac{37}{86}$	$\Phi_{86}^{36}\ \Phi_{43}^5\ \Phi_{2}^{36}\ \Phi_{1}^6$
135186	1764	1763	$\frac{34}{1763}$	$\frac{247}{1763}$	$\frac{335}{1763}$	$\frac{758}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^2$
135187	1764	2356	$\frac{8}{589}$	$\frac{83}{589}$	$\frac{1}{4}$	$\frac{253}{589}$	$\Phi_{2356}\ \Phi_{1178}\ \Phi_{124}\ \Phi_{76}\ \Phi_{62}\ \Phi_{38}$
135188	1764	1763	$\frac{20}{1763}$	$\frac{249}{1763}$	$\frac{503}{1763}$	$\frac{757}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
135189	1764	2649	$\frac{8}{883}$	$\frac{125}{883}$	$\frac{1}{3}$	$\frac{379}{883}$	Φ_{2649}
135190	1764	1763	$\frac{48}{1763}$	$\frac{245}{1763}$	$\frac{253}{1763}$	$\frac{755}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135191	1764	1870	$\frac{1}{22}$	$\frac{7}{85}$	$\frac{13}{85}$	$\frac{36}{85}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{374}\ \Phi_{187}\ \Phi_{170}\ \Phi_{110}\ \Phi_{55}\ \Phi_{34}\ \Phi_{10}$
135192	1764	1763	$\frac{77}{1763}$	$\frac{146}{1763}$	$\frac{281}{1763}$	$\frac{741}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135193	1764	2024	$\frac{7}{253}$	$\frac{1}{8}$	$\frac{41}{253}$	$\frac{106}{253}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{184}\ \Phi_{92}\ \Phi_{88}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
135194	1764	172	$\frac{1}{43}$	$\frac{25}{172}$	$\frac{7}{43}$	$\frac{18}{43}$	$\Phi_{172}^{12}\ \Phi_{86}^{12}\ \Phi_{43}^{5}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{6}$
135195	1764	1763	$\frac{29}{1763}$	$\frac{289}{1763}$	$\frac{342}{1763}$	$\frac{737}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135196	1764	2356	$\frac{7}{589}$	$\frac{97}{589}$	$\frac{1}{4}$	$\frac{246}{589}$	$\Phi_{2356}\ \Phi_{1178}\ \Phi_{124}\ \Phi_{76}\ \Phi_{62}\ \Phi_{38}$
135197	1764	1524	$\frac{1}{127}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{1524}^{2}\ \Phi_{508}^{2}\ \Phi_{381}$
135198	1764	3012	$\frac{2}{251}$	$\frac{1}{6}$	$\frac{83}{251}$	$\frac{5}{12}$	$\Phi_{3012}\ \Phi_{1004}\ \Phi_{251}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
135199	1764	1020	$\frac{1}{85}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{1020}\ \Phi_{510}^{2}\ \Phi_{340}^{2}\ \Phi_{255}^{2}\ \Phi_{204}\ \Phi_{170}^{3}\ \Phi_{102}^{2}\ \Phi_{85}^{2}\ \Phi_{68}^{2}\ \Phi_{60}\ \Phi_{51}^{2}\ \Phi_{34}^{3}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{17}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
135200	1764	3012	$\frac{3}{251}$	$\frac{1}{6}$	$\frac{62}{251}$	$\frac{5}{12}$	$\Phi_{3012}\ \Phi_{1004}\ \Phi_{251}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
135201	1764	960	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{960}^{2}\ \Phi_{480}^{2}\ \Phi_{320}^{3}\ \Phi_{240}^{2}\ \Phi_{160}^{3}\ \Phi_{120}^{2}\ \Phi_{80}^{3}\ \Phi_{60}\ \Phi_{40}^{3}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
135202	1764	3012	$\frac{5}{251}$	$\frac{41}{251}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3012}\ \Phi_{1004}\ \Phi_{251}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
135203	1764	3612	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3612}\ \Phi_{1204}\ \Phi_{301}$
135204	1764	3012	$\frac{6}{251}$	$\frac{35}{251}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3012}\ \Phi_{1004}\ \Phi_{251}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
135205	1764	888	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{888}^{2}\ \Phi_{444}\ \Phi_{296}^{3}\ \Phi_{222}^{2}\ \Phi_{148}^{2}\ \Phi_{111}^{2}\ \Phi_{74}^{3}\ \Phi_{37}^{2}$
135206	1764	3012	$\frac{8}{251}$	$\frac{27}{251}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3012}\ \Phi_{1004}\ \Phi_{251}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
135207	1764	1740	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1740}^{2}\ \Phi_{580}^{2}\ \Phi_{348}\ \Phi_{290}\ \Phi_{145}\ \Phi_{116}\ \Phi_{58}$
135208	1764	3012	$\frac{11}{251}$	$\frac{20}{251}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3012}\ \Phi_{1004}\ \Phi_{251}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
135209	1764	1716	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1716}^{2}\ \Phi_{572}^{2}\ \Phi_{286}\ \Phi_{156}\ \Phi_{143}\ \Phi_{52}\ \Phi_{26}$
135210	1764	3012	$\frac{13}{251}$	$\frac{17}{251}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3012}\ \Phi_{1004}\ \Phi_{251}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
135211	1764	1140	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1140}^{3}\ \Phi_{380}^{3}\ \Phi_{285}\ \Phi_{228}^{2}\ \Phi_{95}\ \Phi_{76}^{2}\ \Phi_{57}$
135212	1764	215	$\frac{1}{43}$	$\frac{6}{43}$	$\frac{37}{215}$	$\frac{89}{215}$	$\Phi_{215}^{7}\ \Phi_{43}^{13}\ \Phi_{5}^{7}\ \Phi_{1}^{14}$
135213	1764	82	$\frac{1}{41}$	$\frac{5}{41}$	$\frac{8}{41}$	$\frac{33}{82}$	$\Phi_{82}^{36}\ \Phi_{41}^{7}\ \Phi_{2}^{36}\ \Phi_{1}^{8}$
135214	1764	2220	$\frac{1}{148}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{555}\ \Phi_{444}^{2}\ \Phi_{222}^{2}\ \Phi_{111}^{2}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
135215	1764	1465	$\frac{2}{293}$	$\frac{1}{5}$	$\frac{97}{293}$	$\frac{2}{5}$	$\Phi_{1465}\ \Phi_{293}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
135216	1764	1270	$\frac{1}{127}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{1270}^{2}\ \Phi_{635}\ \Phi_{254}^{2}$
135217	1764	1980	$\frac{1}{99}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{396}^{2}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}^{2}\ \Phi_{180}\ \Phi_{132}^{2}\ \Phi_{110}\ \Phi_{90}\ \Phi_{66}^{2}\ \Phi_{60}\ \Phi_{44}^{2}\ \Phi_{36}^{2}\ \Phi_{30}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
135218	1764	1465	$\frac{5}{293}$	$\frac{48}{293}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1465}\ \Phi_{293}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
135219	1764	350	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{350}^{6}\ \Phi_{175}^{6}\ \Phi_{70}^{6}\ \Phi_{35}^{5}\ \Phi_{14}^{6}\ \Phi_{7}^{4}$
135220	1764	1465	$\frac{6}{293}$	$\frac{41}{293}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1465}\ \Phi_{293}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
135221	1764	1720	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1720}\ \Phi_{860}\ \Phi_{430}\ \Phi_{344}^{2}\ \Phi_{172}^{2}\ \Phi_{86}^{2}$
135222	1764	1465	$\frac{13}{293}$	$\frac{20}{293}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1465}\ \Phi_{293}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
135223	1764	330	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{330}^{6}\ \Phi_{165}^{6}\ \Phi_{110}^{5}\ \Phi_{66}^{6}\ \Phi_{55}^{5}\ \Phi_{33}^{6}\ \Phi_{30}^{6}\ \Phi_{22}^{4}\ \Phi_{11}^{4}\ \Phi_{10}^{5}\ \Phi_{6}^{6}\ \Phi_{2}^{4}$
135224	1764	1763	$\frac{11}{1763}$	$\frac{393}{1763}$	$\frac{584}{1763}$	$\frac{685}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135225	1764	2960	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{2960}\ \Phi_{592}\ \Phi_{370}\ \Phi_{185}\ \Phi_{74}$
135226	1764	1924	$\frac{1}{148}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{481}\ \Phi_{52}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
135227	1764	374	$\frac{1}{22}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{374}^{5}\ \Phi_{187}^{5}\ \Phi_{34}\ \Phi_{22}^{4}\ \Phi_{17}^{4}\ \Phi_{11}^{4}\ \Phi_{1}^{4}$
135228	1764	164	$\frac{1}{41}$	$\frac{17}{164}$	$\frac{10}{41}$	$\frac{31}{82}$	$\Phi_{164}^{12}\ \Phi_{82}^{8}\ \Phi_{41}^{11}\ \Phi_{4}^{12}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
135229	1764	1652	$\frac{1}{59}$	$\frac{1}{7}$	$\frac{29}{118}$	$\frac{89}{236}$	$\Phi_{1652}^{2}\ \Phi_{413}\ \Phi_{28}^{2}$
135230	1764	1976	$\frac{5}{152}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1976}\ \Phi_{988}\ \Phi_{494}\ \Phi_{247}\ \Phi_{52}\ \Phi_{26}$
135231	1764	1881	$\frac{1}{99}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{209}\ \Phi_{171}\ \Phi_{57}$
135232	1764	1763	$\frac{23}{1763}$	$\frac{290}{1763}$	$\frac{491}{1763}$	$\frac{636}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135233	1764	1763	$\frac{27}{1763}$	$\frac{248}{1763}$	$\frac{505}{1763}$	$\frac{629}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135234	1764	1850	$\frac{1}{50}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{1850}\ \Phi_{925}\ \Phi_{370}\ \Phi_{185}\ \Phi_{74}$
135235	1764	43	$\frac{1}{43}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{43}^{41}\ \Phi_{1}^{42}$
135236	1764	451	$\frac{1}{41}$	$\frac{40}{451}$	$\frac{137}{451}$	$\frac{157}{451}$	$\Phi_{451}^{4}\ \Phi_{41}^{3}\ \Phi_{11}^{4}\ \Phi_{1}^{4}$
135237	1764	1763	$\frac{55}{1763}$	$\frac{122}{1763}$	$\frac{547}{1763}$	$\frac{608}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135238	1764	928	$\frac{1}{29}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{928}^{3}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}$
135239	1764	1870	$\frac{1}{22}$	$\frac{4}{85}$	$\frac{27}{85}$	$\frac{29}{85}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{374}\ \Phi_{187}\ \Phi_{170}\ \Phi_{110}\ \Phi_{55}\ \Phi_{34}\ \Phi_{10}$
135240	1764	1763	$\frac{80}{1763}$	$\frac{83}{1763}$	$\frac{561}{1763}$	$\frac{601}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135241	1764	1905	$\frac{4}{127}$	$\frac{1}{15}$	$\frac{41}{127}$	$\frac{43}{127}$	$\Phi_{1905}\ \Phi_{635}\ \Phi_{381}$
135242	1764	962	$\frac{1}{37}$	$\frac{1}{13}$	$\frac{12}{37}$	$\frac{25}{74}$	$\Phi_{962}^{3}\ \Phi_{481}\ \Phi_{26}^{3}$
135243	1764	1763	$\frac{38}{1763}$	$\frac{167}{1763}$	$\frac{575}{1763}$	$\frac{594}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135244	1764	1763	$\frac{32}{1763}$	$\frac{195}{1763}$	$\frac{577}{1763}$	$\frac{593}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135245	1764	2024	$\frac{4}{253}$	$\frac{1}{8}$	$\frac{83}{253}$	$\frac{85}{253}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{184}\ \Phi_{92}\ \Phi_{88}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
135246	1764	2065	$\frac{4}{295}$	$\frac{1}{7}$	$\frac{97}{295}$	$\frac{99}{295}$	$\Phi_{2065}\ \Phi_{413}\ \Phi_{35}$
135247	1764	1763	$\frac{14}{1763}$	$\frac{391}{1763}$	$\frac{583}{1763}$	$\frac{590}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135248	1764	2356	$\frac{4}{589}$	$\frac{1}{4}$	$\frac{195}{589}$	$\frac{197}{589}$	$\Phi_{2356}\ \Phi_{1178}\ \Phi_{124}\ \Phi_{76}\ \Phi_{62}\ \Phi_{38}$
135249	1764	1763	$\frac{8}{1763}$	$\frac{585}{1763}$	$\frac{587}{1763}$	$\frac{589}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135250	1764	2649	$\frac{4}{883}$	$\frac{293}{883}$	$\frac{1}{3}$	$\frac{295}{883}$	Φ_{2649}
135251	1764	660	$\frac{1}{220}$	$\frac{73}{220}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{4}\ \Phi_{165}^{2}\ \Phi_{132}^{2}\ \Phi_{110}^{4}\ \Phi_{66}^{2}\ \Phi_{60}^{2}\ \Phi_{55}^{4}\ \Phi_{44}^{4}\ \Phi_{33}^{2}$ $\Phi_{30}^{2}\ \Phi_{22}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
135252	1764	444	$\frac{1}{148}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{444}^{3}\ \Phi_{222}^{3}\ \Phi_{148}^{6}\ \Phi_{111}^{3}\ \Phi_{74}^{6}\ \Phi_{37}^{6}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
135253	1764	1143	$\frac{1}{127}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1143}^{2}\ \Phi_{381}$
135254	1764	1335	$\frac{4}{445}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1335}\ \Phi_{445}^{2}\ \Phi_{267}\ \Phi_{89}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
135255	1764	1650	$\frac{1}{110}$	$\frac{109}{550}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}^{2}\ \Phi_{275}^{2}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}^{2}\ \Phi_{25}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
135256	1764	528	$\frac{1}{88}$	$\frac{29}{176}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{528}^{3}\ \Phi_{264}^{2}\ \Phi_{176}^{6}\ \Phi_{132}^{2}\ \Phi_{88}^{4}\ \Phi_{66}^{2}\ \Phi_{48}^{3}\ \Phi_{44}^{4}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{4}\ \Phi_{16}^{6}$ $\Phi_{12}^{2}\ \Phi_{11}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
135257	1764	660	$\frac{3}{220}$	$\frac{31}{220}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{4}\ \Phi_{165}^{2}\ \Phi_{132}^{2}\ \Phi_{110}^{4}\ \Phi_{66}^{2}\ \Phi_{60}^{2}\ \Phi_{55}^{4}\ \Phi_{44}^{4}\ \Phi_{33}^{2}$ $\Phi_{30}^{2}\ \Phi_{22}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
135258	1764	192	$\frac{1}{64}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{192}^{7}\ \Phi_{96}^{7}\ \Phi_{64}^{14}\ \Phi_{48}^{7}\ \Phi_{32}^{14}\ \Phi_{24}^{6}\ \Phi_{16}^{14}\ \Phi_{12}^{6}\ \Phi_{8}^{12}\ \Phi_{6}^{6}\ \Phi_{4}^{12}\ \Phi_{3}^{7}\ \Phi_{2}^{12}$ Φ_{1}^{14}
135259	1764	165	$\frac{1}{55}$	$\frac{6}{55}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}^{8}\ \Phi_{55}^{16}\ \Phi_{33}^{8}\ \Phi_{15}^{8}\ \Phi_{11}^{16}\ \Phi_{5}^{16}\ \Phi_{3}^{9}\ \Phi_{1}^{18}$
135260	1764	150	$\frac{1}{50}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{150}^{9}\ \Phi_{75}^{9}\ \Phi_{50}^{18}\ \Phi_{30}^{8}\ \Phi_{25}^{18}\ \Phi_{15}^{8}\ \Phi_{10}^{16}\ \Phi_{6}^{8}\ \Phi_{5}^{16}\ \Phi_{3}^{9}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
135261	1764	1353	$\frac{10}{451}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1353}\ \Phi_{451}^{2}\ \Phi_{123}\ \Phi_{41}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
135262	1764	1452	$\frac{1}{44}$	$\frac{43}{484}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{484}^{2}\ \Phi_{363}\ \Phi_{242}^{2}\ \Phi_{121}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
135263	1764	480	$\frac{1}{40}$	$\frac{13}{160}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{6}\ \Phi_{120}^{2}\ \Phi_{96}^{3}\ \Phi_{80}^{6}\ \Phi_{60}^{2}\ \Phi_{48}^{3}\ \Phi_{40}^{4}\ \Phi_{32}^{6}\ \Phi_{30}^{2}\ \Phi_{24}^{2}$ $\Phi_{20}^{4}\ \Phi_{16}^{6}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
135264	1764	969	$\frac{2}{51}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{969}^2\ \Phi_{323}^2\ \Phi_{57}$
135265	1764	1380	$\frac{19}{460}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}^2\ \Phi_{345}\ \Phi_{276}\ \Phi_{230}^2\ \Phi_{138}\ \Phi_{115}^2\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_3\ \Phi_1^2$
135266	1764	66	$\frac{1}{22}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{66}^{20}\ \Phi_{33}^{20}\ \Phi_{22}^{40}\ \Phi_{11}^{40}\ \Phi_6^{20}\ \Phi_3^{21}\ \Phi_2^{40}\ \Phi_1^{42}$
135267	1764	3516	$\frac{2}{293}$	$\frac{1}{4}$	$\frac{97}{293}$	$\frac{1}{3}$	$\Phi_{3516}\ \Phi_{1758}\ \Phi_{12}^2\ \Phi_6^2$
135268	1764	2649	$\frac{7}{883}$	$\frac{197}{883}$	$\frac{292}{883}$	$\frac{1}{3}$	Φ_{2649}
135269	1764	2259	$\frac{2}{251}$	$\frac{2}{9}$	$\frac{83}{251}$	$\frac{1}{3}$	$\Phi_{2259}\ \Phi_{251}\ \Phi_9^2\ \Phi_1^2$
135270	1764	1533	$\frac{1}{73}$	$\frac{1}{7}$	$\frac{24}{73}$	$\frac{1}{3}$	$\Phi_{1533}^2\ \Phi_{21}^3$
135271	1764	3000	$\frac{2}{125}$	$\frac{1}{8}$	$\frac{41}{125}$	$\frac{1}{3}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
135272	1764	2649	$\frac{16}{883}$	$\frac{99}{883}$	$\frac{289}{883}$	$\frac{1}{3}$	Φ_{2649}
135273	1764	2649	$\frac{19}{883}$	$\frac{85}{883}$	$\frac{288}{883}$	$\frac{1}{3}$	Φ_{2649}
135274	1764	465	$\frac{1}{31}$	$\frac{1}{15}$	$\frac{10}{31}$	$\frac{1}{3}$	$\Phi_{465}^4\ \Phi_{155}^4\ \Phi_{93}^2\ \Phi_{31}^4\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^3\ \Phi_1^6$
135275	1764	1368	$\frac{1}{24}$	$\frac{1}{19}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{1368}^2\ \Phi_{684}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{57}$
135276	1764	2649	$\frac{40}{883}$	$\frac{43}{883}$	$\frac{281}{883}$	$\frac{1}{3}$	Φ_{2649}
135277	1764	2706	$\frac{1}{22}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{2706}\ \Phi_{1353}\ \Phi_{246}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_6^2$
135278	1764	1785	$\frac{2}{51}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{85}\ \Phi_{51}^2\ \Phi_{35}\ \Phi_{17}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
135279	1764	2649	$\frac{29}{883}$	$\frac{61}{883}$	$\frac{274}{883}$	$\frac{1}{3}$	Φ_{2649}
135280	1764	1290	$\frac{1}{43}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{1290}^2\ \Phi_{645}^2\ \Phi_{258}^2\ \Phi_{129}^3$
135281	1764	2550	$\frac{1}{50}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{2550}\ \Phi_{1275}\ \Phi_{510}\ \Phi_{255}\ \Phi_{150}^2\ \Phi_{102}\ \Phi_{75}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
135282	1764	2649	$\frac{15}{883}$	$\frac{124}{883}$	$\frac{253}{883}$	$\frac{1}{3}$	Φ_{2649}
135283	1764	2649	$\frac{13}{883}$	$\frac{145}{883}$	$\frac{246}{883}$	$\frac{1}{3}$	Φ_{2649}
135284	1764	396	$\frac{1}{99}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^4\ \Phi_{99}^6\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{36}^4\ \Phi_{33}^6\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{12}^2\ \Phi_{11}^6\ \Phi_9^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
135285	1764	3060	$\frac{1}{85}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{612}\ \Phi_{340}\ \Phi_{306}\ \Phi_{180}\ \Phi_{170}\ \Phi_{90}\ \Phi_{68}\ \Phi_{34}\ \Phi_{20}\ \Phi_{10}$
135286	1764	3516	$\frac{5}{293}$	$\frac{48}{293}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3516}\ \Phi_{1758}\ \Phi_{12}^2\ \Phi_6^2$
135287	1764	2100	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2100}^2\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}^2\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}\ \Phi_{21}$
135288	1764	3516	$\frac{6}{293}$	$\frac{41}{293}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3516}\ \Phi_{1758}\ \Phi_{12}^2\ \Phi_6^2$
135289	1764	1032	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1032}^3\ \Phi_{516}^2\ \Phi_{258}^2\ \Phi_{129}^3$
135290	1764	2652	$\frac{2}{51}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{884}\ \Phi_{442}\ \Phi_{52}\ \Phi_{26}$
135291	1764	3516	$\frac{13}{293}$	$\frac{20}{293}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3516}\ \Phi_{1758}\ \Phi_{12}^2\ \Phi_6^2$
135292	1764	660	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^4\ \Phi_{330}^2\ \Phi_{220}^4\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}^4\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
135293	1764	2964	$\frac{1}{19}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2964}\ \Phi_{1482}\ \Phi_{741}\ \Phi_{57}$
135294	1764	2259	$\frac{3}{251}$	$\frac{2}{9}$	$\frac{62}{251}$	$\frac{1}{3}$	$\Phi_{2259}\ \Phi_{251}\ \Phi_9^2\ \Phi_1^2$
135295	1764	3648	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{3648}\ \Phi_{1824}\ \Phi_{57}$
135296	1764	1785	$\frac{2}{51}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{85}\ \Phi_{51}^2\ \Phi_{35}\ \Phi_{17}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
135297	1764	2880	$\frac{1}{64}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{320}\ \Phi_{180}\ \Phi_{160}\ \Phi_{90}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
135298	1764	2259	$\frac{5}{251}$	$\frac{41}{251}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2259}\ \Phi_{251}\ \Phi_9^2\ \Phi_1^2$
135299	1764	2709	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2709}\ \Phi_{301}$
135300	1764	2259	$\frac{6}{251}$	$\frac{35}{251}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2259}\ \Phi_{251}\ \Phi_9^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
135301	1764	2664	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2664}\ \Phi_{1332}\ \Phi_{666}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}$
135302	1764	2259	$\frac{8}{251}$	$\frac{27}{251}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2259}\ \Phi_{251}\ \Phi_{9}^2\ \Phi_{1}^2$
135303	1764	2610	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2610}\ \Phi_{1305}\ \Phi_{522}\ \Phi_{290}\ \Phi_{145}\ \Phi_{58}$
135304	1764	2259	$\frac{11}{251}$	$\frac{20}{251}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2259}\ \Phi_{251}\ \Phi_{9}^2\ \Phi_{1}^2$
135305	1764	2574	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{286}\ \Phi_{234}\ \Phi_{143}\ \Phi_{26}$
135306	1764	2259	$\frac{13}{251}$	$\frac{17}{251}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2259}\ \Phi_{251}\ \Phi_{9}^2\ \Phi_{1}^2$
135307	1764	855	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{855}^3\ \Phi_{285}\ \Phi_{171}^2\ \Phi_{95}\ \Phi_{57}$
135308	1764	3225	$\frac{1}{43}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3225}\ \Phi_{129}$
135309	1764	1560	$\frac{2}{65}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1560}^2\ \Phi_{780}^2\ \Phi_{390}^2\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{120}\ \Phi_{78}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
135310	1764	510	$\frac{2}{51}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{510}^4\ \Phi_{255}^3\ \Phi_{170}^4\ \Phi_{102}^4\ \Phi_{85}^3\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
135311	1764	1140	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{57}$
135312	1764	1026	$\frac{1}{19}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1026}^2\ \Phi_{513}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{57}$
135313	1764	600	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{1}{3}$	$\Phi_{600}^5\ \Phi_{300}^5\ \Phi_{150}^5\ \Phi_{120}^5\ \Phi_{60}^5\ \Phi_{30}^5\ \Phi_{24}^6\ \Phi_{12}^6\ \Phi_{6}^6$
135314	1764	2649	$\frac{37}{883}$	$\frac{106}{883}$	$\frac{141}{883}$	$\frac{1}{3}$	Φ_{2649}
135315	1764	2706	$\frac{1}{22}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{3}$	$\Phi_{2706}\ \Phi_{1353}\ \Phi_{246}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{6}^2$
135316	1764	2649	$\frac{36}{883}$	$\frac{121}{883}$	$\frac{127}{883}$	$\frac{1}{3}$	Φ_{2649}
135317	1764	357	$\frac{2}{51}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{357}^5\ \Phi_{119}^5\ \Phi_{51}^6\ \Phi_{17}^6\ \Phi_{7}^5\ \Phi_{1}^6$
135318	1764	1533	$\frac{3}{73}$	$\frac{10}{73}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1533}^2\ \Phi_{21}^3$
135319	1764	1848	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1848}^2\ \Phi_{924}^2\ \Phi_{462}\ \Phi_{231}\ \Phi_{168}\ \Phi_{84}\ \Phi_{21}$
135320	1764	3000	$\frac{6}{125}$	$\frac{1}{8}$	$\frac{17}{125}$	$\frac{1}{3}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
135321	1764	2649	$\frac{43}{883}$	$\frac{109}{883}$	$\frac{120}{883}$	$\frac{1}{3}$	Φ_{2649}
135322	1764	2910	$\frac{6}{97}$	$\frac{1}{10}$	$\frac{13}{97}$	$\frac{1}{3}$	$\Phi_{2910}\ \Phi_{1455}\ \Phi_{582}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
135323	1764	2649	$\frac{57}{883}$	$\frac{85}{883}$	$\frac{118}{883}$	$\frac{1}{3}$	Φ_{2649}
135324	1764	465	$\frac{1}{15}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{3}$	$\Phi_{465}^4\ \Phi_{155}^4\ \Phi_{93}^2\ \Phi_{31}^4\ \Phi_{15}^6\ \Phi_{5}^6\ \Phi_{3}^3\ \Phi_{1}^6$
135325	1764	2649	$\frac{55}{883}$	$\frac{92}{883}$	$\frac{113}{883}$	$\frac{1}{3}$	Φ_{2649}
135326	1764	456	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{456}^6\ \Phi_{228}^6\ \Phi_{114}^6\ \Phi_{57}^7$
135327	1764	3000	$\frac{8}{125}$	$\frac{13}{125}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
135328	1764	120	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{120}^{16}\ \Phi_{60}^{16}\ \Phi_{40}^{18}\ \Phi_{30}^7\ \Phi_{24}^{17}\ \Phi_{20}^{18}\ \Phi_{15}^9\ \Phi_{12}^{17}\ \Phi_{10}^8\ \Phi_{8}^{18}\ \Phi_{6}^8\ \Phi_{5}^{10}\ \Phi_{4}^{18}\ \Phi_{3}^9\ \Phi_{2}^8\ \Phi_{1}^{10}$
135329	1764	803	$\frac{1}{73}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{24}{73}$	$\Phi_{803}^2\ \Phi_{73}^4\ \Phi_{11}^3\ \Phi_{1}^6$
135330	1764	1460	$\frac{1}{73}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{24}{73}$	$\Phi_{1460}^2\ \Phi_{730}^2\ \Phi_{20}^3\ \Phi_{10}^3$
135331	1764	1763	$\frac{26}{1763}$	$\frac{296}{1763}$	$\frac{489}{1763}$	$\frac{579}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^2$
135332	1764	2210	$\frac{7}{442}$	$\frac{1}{5}$	$\frac{99}{442}$	$\frac{145}{442}$	$\Phi_{2210}\ \Phi_{1105}\ \Phi_{170}\ \Phi_{130}\ \Phi_{85}\ \Phi_{65}\ \Phi_{10}$
135333	1764	1763	$\frac{29}{1763}$	$\frac{342}{1763}$	$\frac{395}{1763}$	$\frac{578}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^2$
135334	1764	2356	$\frac{10}{589}$	$\frac{99}{589}$	$\frac{1}{4}$	$\frac{193}{589}$	$\Phi_{2356}\ \Phi_{1178}\ \Phi_{124}\ \Phi_{76}\ \Phi_{62}\ \Phi_{38}$
135335	1764	830	$\frac{2}{83}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{27}{83}$	$\Phi_{830}^2\ \Phi_{415}^2\ \Phi_{166}^2\ \Phi_{83}^3\ \Phi_{10}^4\ \Phi_{5}^4\ \Phi_{2}^4\ \Phi_{1}^6$
135336	1764	664	$\frac{2}{83}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{27}{83}$	$\Phi_{664}^3\ \Phi_{332}^2\ \Phi_{166}^2\ \Phi_{83}^3\ \Phi_{8}^6\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
135337	1764	2075	$\frac{2}{83}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{27}{83}$	$\Phi_{2075}\ \Phi_{83}\ \Phi_{25}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
135338	1764	1763	$\frac{44}{1763}$	$\frac{170}{1763}$	$\frac{531}{1763}$	$\frac{573}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135339	1764	1015	$\frac{4}{145}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{47}{145}$	$\Phi_{1015}^{2}\ \Phi_{203}^{2}\ \Phi_{35}^{3}\ \Phi_{7}^{2}$
135340	1764	2024	$\frac{7}{253}$	$\frac{1}{8}$	$\frac{57}{253}$	$\frac{82}{253}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{184}\ \Phi_{92}\ \Phi_{88}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
135341	1764	170	$\frac{1}{34}$	$\frac{23}{170}$	$\frac{1}{5}$	$\frac{11}{34}$	$\Phi_{170}^{10}\ \Phi_{85}^{10}\ \Phi_{34}^{12}\ \Phi_{17}^{12}\ \Phi_{10}^{10}\ \Phi_{5}^{9}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
135342	1764	1763	$\frac{56}{1763}$	$\frac{195}{1763}$	$\frac{398}{1763}$	$\frac{569}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135343	1764	124	$\frac{1}{31}$	$\frac{3}{31}$	$\frac{1}{4}$	$\frac{10}{31}$	$\Phi_{124}^{19}\ \Phi_{62}^{19}\ \Phi_{4}^{18}\ \Phi_{2}^{18}$
135344	1764	279	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{10}{31}$	$\Phi_{279}^{6}\ \Phi_{93}^{6}\ \Phi_{31}^{8}\ \Phi_{9}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{12}$
135345	1764	1240	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{10}{31}$	$\Phi_{1240}^{2}\ \Phi_{620}^{2}\ \Phi_{310}^{2}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}$
135346	1764	1763	$\frac{65}{1763}$	$\frac{171}{1763}$	$\frac{398}{1763}$	$\frac{566}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135347	1764	2024	$\frac{10}{253}$	$\frac{1}{8}$	$\frac{43}{253}$	$\frac{81}{253}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{184}\ \Phi_{92}\ \Phi_{88}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
135348	1764	2520	$\frac{1}{24}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{23}{72}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}^{2}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}^{2}\ \Phi_{35}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
135349	1764	936	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{23}{72}$	$\Phi_{936}^{3}\ \Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{117}^{3}\ \Phi_{52}\ \Phi_{26}$
135350	1764	2520	$\frac{1}{24}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{23}{72}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}^{2}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}^{2}\ \Phi_{35}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
135351	1764	360	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{23}{72}$	$\Phi_{360}^{7}\ \Phi_{180}^{7}\ \Phi_{90}^{7}\ \Phi_{72}^{8}\ \Phi_{45}^{7}\ \Phi_{36}^{8}\ \Phi_{18}^{8}\ \Phi_{10}^{4}\ \Phi_{9}^{8}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
135352	1764	504	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{23}{72}$	$\Phi_{504}^{5}\ \Phi_{252}^{5}\ \Phi_{126}^{5}\ \Phi_{72}^{6}\ \Phi_{63}^{5}\ \Phi_{36}^{6}\ \Phi_{18}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
135353	1764	1763	$\frac{74}{1763}$	$\frac{209}{1763}$	$\frac{300}{1763}$	$\frac{563}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135354	1764	2210	$\frac{19}{442}$	$\frac{43}{442}$	$\frac{1}{5}$	$\frac{141}{442}$	$\Phi_{2210}\ \Phi_{1105}\ \Phi_{170}\ \Phi_{130}\ \Phi_{85}\ \Phi_{65}\ \Phi_{10}$
135355	1764	41	$\frac{2}{41}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{13}{41}$	$\Phi_{41}^{43}\ \Phi_{1}^{44}$
135356	1764	2460	$\frac{2}{41}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{13}{41}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{820}\ \Phi_{492}\ \Phi_{410}\ \Phi_{246}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}$
135357	1764	82	$\frac{2}{41}$	$\frac{3}{41}$	$\frac{19}{82}$	$\frac{13}{41}$	$\Phi_{82}^{28}\ \Phi_{41}^{15}\ \Phi_{2}^{28}\ \Phi_{1}^{16}$
135358	1764	164	$\frac{2}{41}$	$\frac{17}{164}$	$\frac{7}{41}$	$\frac{13}{41}$	$\Phi_{164}^{12}\ \Phi_{82}^{12}\ \Phi_{41}^{7}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{8}$
135359	1764	41	$\frac{2}{41}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{13}{41}$	$\Phi_{41}^{43}\ \Phi_{1}^{44}$
135360	1764	2296	$\frac{2}{41}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{13}{41}$	$\Phi_{2296}\ \Phi_{1148}\ \Phi_{574}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
135361	1764	215	$\frac{11}{215}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{68}{215}$	$\Phi_{215}^{8}\ \Phi_{43}^{9}\ \Phi_{5}^{8}\ \Phi_{1}^{10}$
135362	1764	836	$\frac{1}{19}$	$\frac{13}{209}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{836}^{3}\ \Phi_{418}^{3}\ \Phi_{76}\ \Phi_{44}^{3}\ \Phi_{38}\ \Phi_{22}^{3}$
135363	1764	1905	$\frac{7}{127}$	$\frac{1}{15}$	$\frac{29}{127}$	$\frac{40}{127}$	$\Phi_{1905}\ \Phi_{635}\ \Phi_{381}$
135364	1764	1820	$\frac{2}{35}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{11}{35}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{182}\ \Phi_{130}\ \Phi_{91}\ \Phi_{65}\ \Phi_{52}^{2}\ \Phi_{35}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
135365	1764	2240	$\frac{2}{35}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{11}{35}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{64}^{2}\ \Phi_{35}\ \Phi_{32}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
135366	1764	420	$\frac{2}{35}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{11}{35}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{4}\ \Phi_{70}^{4}\ \Phi_{60}^{5}\ \Phi_{42}^{4}\ \Phi_{35}^{5}\ \Phi_{30}^{5}\ \Phi_{28}^{4}\ \Phi_{21}^{4}\ \Phi_{20}^{5}\ \Phi_{15}^{5}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{5}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
135367	1764	1890	$\frac{2}{35}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{11}{35}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{54}^{2}\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
135368	1764	280	$\frac{2}{35}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{11}{35}$	$\Phi_{280}^{6}\ \Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{56}^{6}\ \Phi_{40}^{6}\ \Phi_{35}^{7}\ \Phi_{28}^{6}\ \Phi_{20}^{6}\ \Phi_{14}^{6}\ \Phi_{10}^{6}\ \Phi_{8}^{12}\ \Phi_{7}^{7}\ \Phi_{5}^{7}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
135369	1764	1763	$\frac{107}{1763}$	$\frac{173}{1763}$	$\frac{265}{1763}$	$\frac{552}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135370	1764	1763	$\frac{110}{1763}$	$\frac{202}{1763}$	$\frac{223}{1763}$	$\frac{551}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135371	1764	1140	$\frac{1}{19}$	$\frac{6}{95}$	$\frac{1}{4}$	$\frac{89}{285}$	$\Phi_{1140}^{3}\ \Phi_{570}^{3}\ \Phi_{228}^{3}\ \Phi_{114}^{3}\ \Phi_{76}\ \Phi_{60}^{3}\ \Phi_{38}\ \Phi_{30}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
135372	1764	2024	$\frac{16}{253}$	$\frac{29}{253}$	$\frac{1}{8}$	$\frac{79}{253}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{184}\ \Phi_{92}\ \Phi_{88}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
135373	1764	2065	$\frac{19}{295}$	$\frac{29}{295}$	$\frac{1}{7}$	$\frac{92}{295}$	$\Phi_{2065}\ \Phi_{413}\ \Phi_{35}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
135374	1764	1763	$\frac{97}{1763}$	$\frac{119}{1763}$	$\frac{405}{1763}$	$\frac{548}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135375	1764	2356	$\frac{29}{589}$	$\frac{40}{589}$	$\frac{1}{4}$	$\frac{183}{589}$	$\Phi_{2356}\ \Phi_{1178}\ \Phi_{124}\ \Phi_{76}\ \Phi_{62}\ \Phi_{38}$
135376	1764	1763	$\frac{128}{1763}$	$\frac{174}{1763}$	$\frac{227}{1763}$	$\frac{545}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135377	1764	2024	$\frac{19}{253}$	$\frac{25}{253}$	$\frac{1}{8}$	$\frac{78}{253}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{184}\ \Phi_{92}\ \Phi_{88}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
135378	1764	260	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{260}^{9}\ \Phi_{130}^{9}\ \Phi_{65}^{7}\ \Phi_{20}^{9}\ \Phi_{10}^{9}\ \Phi_{5}^{6}$
135379	1764	968	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{37}{121}$	$\Phi_{968}^{2}\ \Phi_{484}^{2}\ \Phi_{242}^{2}\ \Phi_{88}^{3}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
135380	1764	580	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{580}^{4}\ \Phi_{290}^{2}\ \Phi_{145}^{2}\ \Phi_{116}^{5}\ \Phi_{58}^{3}\ \Phi_{29}^{2}$
135381	1764	830	$\frac{3}{83}$	$\frac{1}{10}$	$\frac{20}{83}$	$\frac{3}{10}$	$\Phi_{830}^{2}\ \Phi_{415}^{2}\ \Phi_{166}^{2}\ \Phi_{83}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
135382	1764	110	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{110}^{17}\ \Phi_{55}^{17}\ \Phi_{22}^{16}\ \Phi_{11}^{16}\ \Phi_{10}^{9}\ \Phi_{5}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
135383	1764	830	$\frac{5}{83}$	$\frac{1}{10}$	$\frac{13}{83}$	$\frac{3}{10}$	$\Phi_{830}^{2}\ \Phi_{415}^{2}\ \Phi_{166}^{2}\ \Phi_{83}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
135384	1764	210	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{10}$	$\Phi_{210}^{10}\ \Phi_{105}^{11}\ \Phi_{70}^{8}\ \Phi_{42}^{10}\ \Phi_{35}^{9}\ \Phi_{21}^{11}\ \Phi_{14}^{8}\ \Phi_{7}^{8}$
135385	1764	830	$\frac{6}{83}$	$\frac{1}{10}$	$\frac{11}{83}$	$\frac{3}{10}$	$\Phi_{830}^{2}\ \Phi_{415}^{2}\ \Phi_{166}^{2}\ \Phi_{83}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
135386	1764	520	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{10}$	$\Phi_{520}^{4}\ \Phi_{260}^{4}\ \Phi_{130}^{2}\ \Phi_{104}^{5}\ \Phi_{65}^{2}\ \Phi_{52}^{5}\ \Phi_{26}^{3}\ \Phi_{13}^{2}$
135387	1764	1116	$\frac{1}{31}$	$\frac{10}{93}$	$\frac{1}{4}$	$\frac{83}{279}$	$\Phi_{1116}^{3}\ \Phi_{558}^{3}\ \Phi_{124}\ \Phi_{62}\ \Phi_{36}^{3}\ \Phi_{18}^{3}$
135388	1764	1763	$\frac{59}{1763}$	$\frac{191}{1763}$	$\frac{426}{1763}$	$\frac{524}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135389	1764	1856	$\frac{1}{29}$	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}$
135390	1764	374	$\frac{1}{22}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{374}^{5}\ \Phi_{187}^{5}\ \Phi_{34}^{5}\ \Phi_{22}^{4}\ \Phi_{11}^{4}\ \Phi_{2}^{4}$
135391	1764	1649	$\frac{6}{97}$	$\frac{2}{17}$	$\frac{13}{97}$	$\frac{5}{17}$	$\Phi_{1649}\ \Phi_{97}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
135392	1764	2040	$\frac{1}{15}$	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{5}{17}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{204}\ \Phi_{170}\ \Phi_{120}^{2}\ \Phi_{102}$ $\Phi_{60}^{2}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}$
135393	1764	1040	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{1}{5}$	$\frac{61}{208}$	$\Phi_{1040}^{2}\ \Phi_{520}^{2}\ \Phi_{260}^{2}\ \Phi_{130}^{3}\ \Phi_{80}^{2}\ \Phi_{65}^{3}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
135394	1764	1763	$\frac{89}{1763}$	$\frac{212}{1763}$	$\frac{279}{1763}$	$\frac{517}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135395	1764	1763	$\frac{104}{1763}$	$\frac{218}{1763}$	$\frac{237}{1763}$	$\frac{515}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135396	1764	1905	$\frac{1}{15}$	$\frac{15}{127}$	$\frac{16}{127}$	$\frac{37}{127}$	$\Phi_{1905}\ \Phi_{635}\ \Phi_{381}$
135397	1764	1924	$\frac{1}{13}$	$\frac{15}{148}$	$\frac{19}{148}$	$\frac{43}{148}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{481}\ \Phi_{52}\ \Phi_{26}$
135398	1764	1763	$\frac{132}{1763}$	$\frac{179}{1763}$	$\frac{233}{1763}$	$\frac{510}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135399	1764	1763	$\frac{111}{1763}$	$\frac{209}{1763}$	$\frac{236}{1763}$	$\frac{509}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135400	1764	2024	$\frac{15}{253}$	$\frac{1}{8}$	$\frac{34}{253}$	$\frac{73}{253}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{184}\ \Phi_{92}\ \Phi_{88}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
135401	1764	413	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{1}{7}$	$\frac{17}{59}$	$\Phi_{413}^{5}\ \Phi_{7}^{4}$
135402	1764	1763	$\frac{69}{1763}$	$\frac{242}{1763}$	$\frac{314}{1763}$	$\frac{507}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135403	1764	2210	$\frac{15}{442}$	$\frac{61}{442}$	$\frac{1}{5}$	$\frac{127}{442}$	$\Phi_{2210}\ \Phi_{1105}\ \Phi_{170}\ \Phi_{130}\ \Phi_{85}\ \Phi_{65}\ \Phi_{10}$
135404	1764	1763	$\frac{48}{1763}$	$\frac{245}{1763}$	$\frac{419}{1763}$	$\frac{506}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135405	1764	2356	$\frac{15}{589}$	$\frac{82}{589}$	$\frac{1}{4}$	$\frac{169}{589}$	$\Phi_{2356}\ \Phi_{1178}\ \Phi_{124}\ \Phi_{76}\ \Phi_{62}\ \Phi_{38}$
135406	1764	1763	$\frac{90}{1763}$	$\frac{239}{1763}$	$\frac{254}{1763}$	$\frac{503}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135407	1764	1905	$\frac{1}{15}$	$\frac{13}{127}$	$\frac{19}{127}$	$\frac{36}{127}$	$\Phi_{1905}\ \Phi_{635}\ \Phi_{381}$
135408	1764	205	$\frac{1}{41}$	$\frac{31}{205}$	$\frac{10}{41}$	$\frac{58}{205}$	$\Phi_{205}^{8}\ \Phi_{41}^{11}\ \Phi_{5}^{8}\ \Phi_{1}^{12}$
135409	1764	1763	$\frac{113}{1763}$	$\frac{181}{1763}$	$\frac{275}{1763}$	$\frac{496}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135410	1764	2024	$\frac{13}{253}$	$\frac{1}{8}$	$\frac{40}{253}$	$\frac{71}{253}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{184}\ \Phi_{92}\ \Phi_{88}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
135411	1764	340	$\frac{1}{34}$	$\frac{11}{68}$	$\frac{1}{5}$	$\frac{19}{68}$	$\Phi_{340}^{6}\ \Phi_{170}^{7}\ \Phi_{85}^{7}\ \Phi_{20}^{6}\ \Phi_{10}^{7}\ \Phi_{5}^{6}$
135412	1764	129	$\frac{1}{43}$	$\frac{7}{43}$	$\frac{31}{129}$	$\frac{12}{43}$	$\Phi_{129}^{18}\ \Phi_{43}^{5}\ \Phi_{3}^{18}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
135413	1764	2565	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{135}$	$\Phi_{2565}\ \Phi_{513}\ \Phi_{171}\ \Phi_{57}$
135414	1764	1100	$\frac{1}{50}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{1100}^2\ \Phi_{550}\ \Phi_{275}\ \Phi_{220}^2\ \Phi_{110}\ \Phi_{100}^4\ \Phi_{55}\ \Phi_{50}^2\ \Phi_{44}\ \Phi_{25}^2\ \Phi_{20}^4\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
135415	1764	803	$\frac{3}{73}$	$\frac{10}{73}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{803}^2\ \Phi_{73}^4\ \Phi_{11}^3\ \Phi_1^6$
135416	1764	88	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{88}^{23}\ \Phi_{44}^{23}\ \Phi_{22}^{11}\ \Phi_{11}^{12}\ \Phi_8^{22}\ \Phi_4^{22}\ \Phi_2^{10}\ \Phi_1^{12}$
135417	1764	1850	$\frac{1}{50}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{1850}\ \Phi_{925}\ \Phi_{370}\ \Phi_{185}\ \Phi_{74}$
135418	1764	920	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{22}{115}$	$\frac{31}{115}$	$\Phi_{920}^2\ \Phi_{460}^2\ \Phi_{230}^2\ \Phi_{184}^3\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
135419	1764	2220	$\frac{1}{37}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{740}\ \Phi_{444}\ \Phi_{370}\ \Phi_{222}\ \Phi_{185}\ \Phi_{148}\ \Phi_{74}$
135420	1764	1763	$\frac{62}{1763}$	$\frac{243}{1763}$	$\frac{380}{1763}$	$\frac{461}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_1^2$
135421	1764	1870	$\frac{1}{22}$	$\frac{9}{85}$	$\frac{19}{85}$	$\frac{22}{85}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{374}\ \Phi_{187}\ \Phi_{170}\ \Phi_{110}\ \Phi_{55}\ \Phi_{34}\ \Phi_{10}$
135422	1764	1254	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{1254}^2\ \Phi_{627}^2\ \Phi_{209}\ \Phi_{114}^2\ \Phi_{57}^2$
135423	1764	473	$\frac{32}{473}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{11}{43}$	$\Phi_{473}^4\ \Phi_{43}\ \Phi_{11}^4\ \Phi_1^2$
135424	1764	1763	$\frac{75}{1763}$	$\frac{188}{1763}$	$\frac{422}{1763}$	$\frac{447}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_1^2$
135425	1764	2024	$\frac{9}{253}$	$\frac{1}{8}$	$\frac{61}{253}$	$\frac{64}{253}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{184}\ \Phi_{92}\ \Phi_{88}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
135426	1764	1763	$\frac{27}{1763}$	$\frac{434}{1763}$	$\frac{440}{1763}$	$\frac{443}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_1^2$
135427	1764	2356	$\frac{9}{589}$	$\frac{145}{589}$	$\frac{1}{4}$	$\frac{148}{589}$	$\Phi_{2356}\ \Phi_{1178}\ \Phi_{124}\ \Phi_{76}\ \Phi_{62}\ \Phi_{38}$
135428	1764	260	$\frac{1}{65}$	$\frac{16}{65}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{260}^6\ \Phi_{130}^6\ \Phi_{65}^9\ \Phi_{52}^6\ \Phi_{26}^6\ \Phi_{20}^6\ \Phi_{13}^9\ \Phi_{10}^6\ \Phi_5^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{12}$
135429	1764	100	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{100}^{16}\ \Phi_{50}^{20}\ \Phi_{25}^{20}\ \Phi_{20}^{14}\ \Phi_{10}^{18}\ \Phi_5^{17}\ \Phi_4^{16}\ \Phi_2^{20}\ \Phi_1^{20}$
135430	1764	468	$\frac{1}{39}$	$\frac{19}{117}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^2\ \Phi_{117}^6\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{36}^4\ \Phi_{26}^2\ \Phi_{18}^4\ \Phi_{13}^3\ \Phi_{12}^2\ \Phi_9^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
135431	1764	260	$\frac{2}{65}$	$\frac{9}{65}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{260}^6\ \Phi_{130}^6\ \Phi_{65}^9\ \Phi_{52}^6\ \Phi_{26}^6\ \Phi_{20}^6\ \Phi_{13}^9\ \Phi_{10}^6\ \Phi_5^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{12}$
135432	1764	232	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{232}^9\ \Phi_{116}^7\ \Phi_{58}^7\ \Phi_{29}^6$
135433	1764	52	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{52}^{34}\ \Phi_{26}^{34}\ \Phi_{13}^{33}\ \Phi_4^{36}\ \Phi_2^{36}\ \Phi_1^{36}$
135434	1764	60	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{60}^{26}\ \Phi_{30}^{26}\ \Phi_{20}^{26}\ \Phi_{15}^{39}\ \Phi_{12}^{26}\ \Phi_{10}^{26}\ \Phi_6^{26}\ \Phi_5^{39}\ \Phi_4^{28}\ \Phi_3^{39}\ \Phi_2^{28}\ \Phi_1^{42}$
135435	1764	664	$\frac{3}{83}$	$\frac{1}{8}$	$\frac{20}{83}$	$\frac{1}{4}$	$\Phi_{664}^3\ \Phi_{332}^2\ \Phi_{166}^2\ \Phi_{83}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
135436	1764	2356	$\frac{25}{589}$	$\frac{64}{589}$	$\frac{141}{589}$	$\frac{1}{4}$	$\Phi_{2356}\ \Phi_{1178}\ \Phi_{124}\ \Phi_{76}\ \Phi_{62}\ \Phi_{38}$
135437	1764	832	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{15}{64}$	$\frac{1}{4}$	$\Phi_{832}^3\ \Phi_{416}^3\ \Phi_{52}\ \Phi_{26}$
135438	1764	1820	$\frac{3}{52}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{4}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{182}\ \Phi_{130}\ \Phi_{91}\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{35}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
135439	1764	380	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{43}{190}$	$\frac{1}{4}$	$\Phi_{380}^6\ \Phi_{190}^2\ \Phi_{95}^4\ \Phi_{76}^7\ \Phi_{38}^3\ \Phi_{20}^6\ \Phi_{19}^4\ \Phi_{10}^2\ \Phi_5^4\ \Phi_4^6\ \Phi_2^2\ \Phi_1^4$
135440	1764	620	$\frac{8}{155}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{4}$	$\Phi_{620}^4\ \Phi_{310}^4\ \Phi_{124}^3\ \Phi_{62}^3\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_4^2\ \Phi_2^2$
135441	1764	396	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{396}^6\ \Phi_{198}^3\ \Phi_{132}^6\ \Phi_{99}^3\ \Phi_{66}^3\ \Phi_{44}^8\ \Phi_{36}^3\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{12}^3\ \Phi_{11}^4\ \Phi_9^3\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
135442	1764	2356	$\frac{22}{589}$	$\frac{81}{589}$	$\frac{127}{589}$	$\frac{1}{4}$	$\Phi_{2356}\ \Phi_{1178}\ \Phi_{124}\ \Phi_{76}\ \Phi_{62}\ \Phi_{38}$
135443	1764	2320	$\frac{1}{29}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{2320}\ \Phi_{1160}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}$
135444	1764	152	$\frac{5}{152}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{152}^{12}\ \Phi_{76}^{11}\ \Phi_{38}^{11}\ \Phi_{19}^{12}\ \Phi_8^{12}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{12}$
135445	1764	124	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{13}{62}$	$\frac{1}{4}$	$\Phi_{124}^{19}\ \Phi_{62}^7\ \Phi_{31}^{12}\ \Phi_4^{18}\ \Phi_2^6\ \Phi_1^{12}$
135446	1764	2900	$\frac{1}{29}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2900}\ \Phi_{1450}\ \Phi_{116}\ \Phi_{58}$
135447	1764	1460	$\frac{3}{73}$	$\frac{10}{73}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1460}^2\ \Phi_{730}^2\ \Phi_{20}^3\ \Phi_{10}^3$
135448	1764	440	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{440}^6\ \Phi_{220}^4\ \Phi_{110}^5\ \Phi_{55}^5\ \Phi_{40}^3\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
135449	1764	260	$\frac{3}{52}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{260}^7\ \Phi_{130}^7\ \Phi_{65}^7\ \Phi_{52}^8\ \Phi_{26}^8\ \Phi_{13}^8\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
135450	1764	380	$\frac{1}{19}$	$\frac{11}{95}$	$\frac{18}{95}$	$\frac{1}{4}$	$\Phi_{380}^{6}\ \Phi_{190}^{6}\ \Phi_{76}^{7}\ \Phi_{38}^{7}\ \Phi_{20}^{6}\ \Phi_{10}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
135451	1764	2080	$\frac{1}{13}$	$\frac{13}{160}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
135452	1764	780	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{4}$	$\Phi_{780}^{3}\ \Phi_{390}^{3}\ \Phi_{260}^{3}\ \Phi_{195}^{3}\ \Phi_{130}^{3}\ \Phi_{65}^{3}\ \Phi_{52}\ \Phi_{26}$
135453	1764	1404	$\frac{1}{13}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1404}^{2}\ \Phi_{702}\ \Phi_{468}^{2}\ \Phi_{351}\ \Phi_{234}\ \Phi_{117}\ \Phi_{52}\ \Phi_{26}$
135454	1764	228	$\frac{1}{19}$	$\frac{8}{57}$	$\frac{3}{19}$	$\frac{1}{4}$	$\Phi_{228}^{12}\ \Phi_{114}^{12}\ \Phi_{76}^{7}\ \Phi_{38}^{7}\ \Phi_{12}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
135455	1764	664	$\frac{5}{83}$	$\frac{1}{8}$	$\frac{13}{83}$	$\frac{1}{4}$	$\Phi_{664}^{3}\ \Phi_{332}^{2}\ \Phi_{166}^{2}\ \Phi_{83}^{3}\ \Phi_{8}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
135456	1764	2356	$\frac{37}{589}$	$\frac{71}{589}$	$\frac{92}{589}$	$\frac{1}{4}$	$\Phi_{2356}\ \Phi_{1178}\ \Phi_{124}\ \Phi_{76}\ \Phi_{62}\ \Phi_{38}$
135457	1764	2460	$\frac{1}{15}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{4}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{820}\ \Phi_{492}\ \Phi_{410}\ \Phi_{246}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}$
135458	1764	2356	$\frac{36}{589}$	$\frac{79}{589}$	$\frac{85}{589}$	$\frac{1}{4}$	$\Phi_{2356}\ \Phi_{1178}\ \Phi_{124}\ \Phi_{76}\ \Phi_{62}\ \Phi_{38}$
135459	1764	364	$\frac{3}{52}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{364}^{5}\ \Phi_{182}^{5}\ \Phi_{91}^{5}\ \Phi_{52}^{6}\ \Phi_{26}^{6}\ \Phi_{13}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
135460	1764	2716	$\frac{6}{97}$	$\frac{13}{97}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2716}\ \Phi_{1358}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
135461	1764	840	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{840}^{3}\ \Phi_{420}^{2}\ \Phi_{280}^{3}\ \Phi_{210}^{2}\ \Phi_{168}^{3}\ \Phi_{140}^{2}\ \Phi_{105}^{3}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{42}^{2}\ \Phi_{35}^{3}\ \Phi_{21}^{3}$
135462	1764	664	$\frac{6}{83}$	$\frac{1}{8}$	$\frac{11}{83}$	$\frac{1}{4}$	$\Phi_{664}^{3}\ \Phi_{332}^{2}\ \Phi_{166}^{2}\ \Phi_{83}^{3}\ \Phi_{8}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
135463	1764	2356	$\frac{43}{589}$	$\frac{73}{589}$	$\frac{78}{589}$	$\frac{1}{4}$	$\Phi_{2356}\ \Phi_{1178}\ \Phi_{124}\ \Phi_{76}\ \Phi_{62}\ \Phi_{38}$
135464	1764	104	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{104}^{18}\ \Phi_{52}^{19}\ \Phi_{26}^{19}\ \Phi_{13}^{18}$
135465	1764	2720	$\frac{1}{34}$	$\frac{103}{544}$	$\frac{1}{5}$	$\frac{33}{136}$	$\Phi_{2720}\ \Phi_{1360}\ \Phi_{170}\ \Phi_{160}\ \Phi_{85}\ \Phi_{80}\ \Phi_{10}$
135466	1764	2075	$\frac{3}{83}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{20}{83}$	$\Phi_{2075}\ \Phi_{83}\ \Phi_{25}^{2}\ \Phi_{1}^{2}$
135467	1764	520	$\frac{1}{26}$	$\frac{79}{520}$	$\frac{1}{5}$	$\frac{25}{104}$	$\Phi_{520}^{3}\ \Phi_{260}^{3}\ \Phi_{130}^{4}\ \Phi_{104}^{4}\ \Phi_{65}^{4}\ \Phi_{52}^{4}\ \Phi_{40}^{3}\ \Phi_{26}^{4}\ \Phi_{20}^{3}\ \Phi_{13}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
135468	1764	2240	$\frac{1}{16}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{15}{64}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{64}^{2}\ \Phi_{35}\ \Phi_{32}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
135469	1764	320	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{15}{64}$	$\Phi_{320}^{7}\ \Phi_{160}^{7}\ \Phi_{64}^{8}\ \Phi_{32}^{8}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
135470	1764	448	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{15}{64}$	$\Phi_{448}^{5}\ \Phi_{224}^{5}\ \Phi_{64}^{6}\ \Phi_{32}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
135471	1764	215	$\frac{3}{43}$	$\frac{26}{215}$	$\frac{33}{215}$	$\frac{10}{43}$	$\Phi_{215}^{8}\ \Phi_{43}^{9}\ \Phi_{5}^{8}\ \Phi_{1}^{10}$
135472	1764	172	$\frac{3}{43}$	$\frac{11}{86}$	$\frac{25}{172}$	$\frac{10}{43}$	$\Phi_{172}^{12}\ \Phi_{86}^{8}\ \Phi_{43}^{9}\ \Phi_{4}^{12}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
135473	1764	2860	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{5}$	$\frac{131}{572}$	$\Phi_{2860}\ \Phi_{1430}\ \Phi_{260}\ \Phi_{220}\ \Phi_{130}\ \Phi_{110}\ \Phi_{65}\ \Phi_{20}\ \Phi_{10}$
135474	1764	420	$\frac{1}{12}$	$\frac{3}{35}$	$\frac{11}{60}$	$\frac{8}{35}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{4}\ \Phi_{70}^{4}\ \Phi_{60}^{5}\ \Phi_{42}^{4}\ \Phi_{35}^{5}\ \Phi_{30}^{5}\ \Phi_{28}^{4}\ \Phi_{21}^{4}\ \Phi_{20}^{5}\ \Phi_{15}^{5}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{5}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
135475	1764	1890	$\frac{3}{35}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{8}{35}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{54}^{2}\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
135476	1764	280	$\frac{3}{35}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{8}{35}$	$\Phi_{280}^{6}\ \Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{56}^{6}\ \Phi_{40}^{6}\ \Phi_{35}^{7}\ \Phi_{28}^{6}\ \Phi_{20}^{6}\ \Phi_{14}^{6}\ \Phi_{10}^{6}\ \Phi_{8}^{12}\ \Phi_{7}^{7}\ \Phi_{5}^{7}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
135477	1764	1763	$\frac{171}{1763}$	$\frac{195}{1763}$	$\frac{224}{1763}$	$\frac{398}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135478	1764	2024	$\frac{25}{253}$	$\frac{28}{253}$	$\frac{1}{8}$	$\frac{57}{253}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{184}\ \Phi_{92}\ \Phi_{88}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
135479	1764	279	$\frac{3}{31}$	$\frac{1}{9}$	$\frac{4}{31}$	$\frac{2}{9}$	$\Phi_{279}^{6}\ \Phi_{93}^{6}\ \Phi_{31}^{8}\ \Phi_{9}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{12}$
135480	1764	360	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{2}{9}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{6}\ \Phi_{90}^{3}\ \Phi_{72}^{3}\ \Phi_{60}^{6}\ \Phi_{45}^{3}\ \Phi_{40}^{8}\ \Phi_{36}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{8}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{9}^{3}\ \Phi_{8}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
135481	1764	1763	$\frac{153}{1763}$	$\frac{219}{1763}$	$\frac{230}{1763}$	$\frac{386}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135482	1764	1970	$\frac{1}{10}$	$\frac{22}{197}$	$\frac{25}{197}$	$\frac{43}{197}$	$\Phi_{1970}\ \Phi_{985}\ \Phi_{394}$
135483	1764	1763	$\frac{174}{1763}$	$\frac{197}{1763}$	$\frac{227}{1763}$	$\frac{384}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135484	1764	184	$\frac{2}{23}$	$\frac{1}{8}$	$\frac{3}{23}$	$\frac{5}{23}$	$\Phi_{184}^{11}\ \Phi_{92}^{11}\ \Phi_{46}^{11}\ \Phi_{8}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}$
135485	1764	550	$\frac{1}{22}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{550}^{4}\ \Phi_{275}^{4}\ \Phi_{110}\ \Phi_{55}\ \Phi_{50}^{4}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
135486	1764	170	$\frac{1}{17}$	$\frac{23}{170}$	$\frac{16}{85}$	$\frac{1}{5}$	$\Phi_{170}^{12}\ \Phi_{85}^{9}\ \Phi_{34}^{12}\ \Phi_{17}^{8}\ \Phi_{10}^{12}\ \Phi_{5}^{8}\ \Phi_{2}^{12}\ \Phi_{1}^{8}$
135487	1764	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{1}{5}$	$\Phi_{60}^{29}\ \Phi_{30}^{29}\ \Phi_{20}^{29}\ \Phi_{15}^{29}\ \Phi_{12}^{28}\ \Phi_{10}^{33}\ \Phi_{6}^{28}\ \Phi_{5}^{32}\ \Phi_{4}^{28}\ \Phi_{3}^{28}\ \Phi_{2}^{32}\ \Phi_{1}^{32}$
135488	1764	340	$\frac{5}{68}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{5}$	$\Phi_{340}^{7}\ \Phi_{170}^{7}\ \Phi_{85}^{5}\ \Phi_{20}^{7}\ \Phi_{10}^{7}\ \Phi_{5}^{4}$
135489	1764	270	$\frac{5}{54}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{270}^{7}\ \Phi_{135}^{7}\ \Phi_{90}^{7}\ \Phi_{54}^{8}\ \Phi_{45}^{7}\ \Phi_{27}^{8}\ \Phi_{18}^{8}\ \Phi_{10}^{4}\ \Phi_{9}^{8}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
135490	1764	2075	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{2075}\ \Phi_{83}\ \Phi_{25}^{2}\ \Phi_{1}^{2}$
135491	1764	525	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{525}^{5}\ \Phi_{175}^{4}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
135492	1764	2075	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{2075}\ \Phi_{83}\ \Phi_{25}^{2}\ \Phi_{1}^{2}$
135493	1764	2600	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{2600}\ \Phi_{1300}\ \Phi_{650}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
135494	1764	1240	$\frac{3}{31}$	$\frac{1}{8}$	$\frac{4}{31}$	$\frac{1}{5}$	$\Phi_{1240}^{2}\ \Phi_{620}^{2}\ \Phi_{310}^{2}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}$
135495	1764	2210	$\frac{43}{442}$	$\frac{55}{442}$	$\frac{57}{442}$	$\frac{1}{5}$	$\Phi_{2210}\ \Phi_{1105}\ \Phi_{170}\ \Phi_{130}\ \Phi_{85}\ \Phi_{65}\ \Phi_{10}$
135496	1764	40	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{5}$	$\Phi_{40}^{42}\ \Phi_{20}^{42}\ \Phi_{10}^{46}\ \Phi_{8}^{48}\ \Phi_{5}^{45}\ \Phi_{4}^{48}\ \Phi_{2}^{52}\ \Phi_{1}^{52}$
135497	1764	420	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{11}{60}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{140}^{5}\ \Phi_{105}^{5}\ \Phi_{70}^{5}\ \Phi_{60}^{6}\ \Phi_{35}^{5}\ \Phi_{30}^{6}\ \Phi_{20}^{6}\ \Phi_{15}^{6}\ \Phi_{10}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
135498	1764	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{33}$	$\frac{2}{11}$	$\Phi_{264}^{9}\ \Phi_{132}^{9}\ \Phi_{88}^{5}\ \Phi_{66}^{9}\ \Phi_{44}^{5}\ \Phi_{24}^{9}\ \Phi_{22}^{5}\ \Phi_{12}^{9}\ \Phi_{8}^{4}\ \Phi_{6}^{9}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
135499	1764	164	$\frac{17}{164}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{7}{41}$	$\Phi_{164}^{12}\ \Phi_{82}^{12}\ \Phi_{41}^{7}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{8}$
135500	1764	378	$\frac{5}{54}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{378}^{5}\ \Phi_{189}^{5}\ \Phi_{126}^{5}\ \Phi_{63}^{5}\ \Phi_{54}^{6}\ \Phi_{27}^{6}\ \Phi_{18}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
135501	1764	41	$\frac{5}{41}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{6}{41}$	$\Phi_{41}^{43}\ \Phi_{1}^{44}$
135502	1764	2296	$\frac{5}{41}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{6}{41}$	$\Phi_{2296}\ \Phi_{1148}\ \Phi_{574}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
135503	1764	2024	$\frac{31}{253}$	$\frac{1}{8}$	$\frac{36}{253}$	$\frac{37}{253}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{184}\ \Phi_{92}\ \Phi_{88}\ \Phi_{46}\ \Phi_{44}\ \Phi_{22}$
135504	1764	1763	$\frac{216}{1763}$	$\frac{221}{1763}$	$\frac{251}{1763}$	$\frac{257}{1763}$	$\Phi_{1763}\ \Phi_{43}\ \Phi_{41}\ \Phi_{1}^{2}$
135505	1764	2065	$\frac{36}{295}$	$\frac{37}{295}$	$\frac{1}{7}$	$\frac{43}{295}$	$\Phi_{2065}\ \Phi_{413}\ \Phi_{35}$
135506	1764	56	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{7}$	$\Phi_{56}^{30}\ \Phi_{28}^{30}\ \Phi_{14}^{30}\ \Phi_{8}^{36}\ \Phi_{7}^{35}\ \Phi_{4}^{36}\ \Phi_{2}^{36}\ \Phi_{1}^{42}$
135507	1765	704	$\frac{1}{352}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{351}{704}$	$\Phi_{704}^{5}\ \Phi_{64}^{5}\ \Phi_{8}\ \Phi_{1}$
135508	1765	3024	$\frac{1}{252}$	$\frac{253}{1512}$	$\frac{1259}{3024}$	$\frac{251}{504}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{432}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
135509	1765	3136	$\frac{1}{196}$	$\frac{197}{1568}$	$\frac{1371}{3136}$	$\frac{195}{392}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{392}\ \Phi_{64}\ \Phi_{56}\ \Phi_{8}\ \Phi_{1}$
135510	1765	2352	$\frac{1}{196}$	$\frac{587}{2352}$	$\frac{197}{784}$	$\frac{195}{392}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{336}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
135511	1765	702	$\frac{2}{351}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{349}{702}$	$\Phi_{702}^{2}\ \Phi_{351}^{3}\ \Phi_{234}^{2}\ \Phi_{117}^{3}\ \Phi_{78}^{2}\ \Phi_{54}^{2}\ \Phi_{39}^{3}\ \Phi_{27}^{3}\ \Phi_{26}^{2}\ \Phi_{18}^{2}\ \Phi_{13}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
135512	1765	3504	$\frac{13}{1752}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1739}{3504}$	$\Phi_{3504}\ \Phi_{1168}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
135513	1765	1416	$\frac{1}{118}$	$\frac{1}{6}$	$\frac{119}{472}$	$\frac{117}{236}$	$\Phi_{1416}^{2}\ \Phi_{472}\ \Phi_{354}^{2}\ \Phi_{177}^{2}\ \Phi_{118}\ \Phi_{59}\ \Phi_{24}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
135514	1765	700	$\frac{3}{350}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{347}{700}$	$\Phi_{700}^{5}\ \Phi_{140}^{5}\ \Phi_{100}^{5}\ \Phi_{28}^{5}\ \Phi_{20}^{5}\ \Phi_{7}^{2}\ \Phi_{4}^{5}\ \Phi_{1}^{3}$
135515	1765	672	$\frac{1}{84}$	$\frac{17}{336}$	$\frac{319}{672}$	$\frac{83}{168}$	$\Phi_{672}^{5}\ \Phi_{224}^{5}\ \Phi_{168}\ \Phi_{96}^{5}\ \Phi_{56}\ \Phi_{32}^{5}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
135516	1765	504	$\frac{1}{84}$	$\frac{17}{168}$	$\frac{151}{504}$	$\frac{83}{168}$	$\Phi_{504}^{5}\ \Phi_{252}^{5}\ \Phi_{168}\ \Phi_{126}^{5}\ \Phi_{72}^{5}\ \Phi_{63}^{5}\ \Phi_{56}\ \Phi_{36}^{5}\ \Phi_{24}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{8}\ \Phi_{1}$
135517	1765	2016	$\frac{1}{84}$	$\frac{251}{2016}$	$\frac{85}{336}$	$\frac{83}{168}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
135518	1765	2124	$\frac{5}{354}$	$\frac{1}{6}$	$\frac{359}{2124}$	$\frac{349}{708}$	$\Phi_{2124}\ \Phi_{1062}\ \Phi_{531}\ \Phi_{354}\ \Phi_{177}\ \Phi_{118}\ \Phi_{59}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
135519	1765	696	$\frac{5}{348}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{343}{696}$	$\Phi_{696}^{5}\ \Phi_{232}^{5}\ \Phi_{24}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
135520	1765	3472	$\frac{29}{1736}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{1707}{3472}$	$\Phi_{3472}\ \Phi_{496}\ \Phi_{112}\ \Phi_{56}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
135521	1765	3456	$\frac{37}{1728}$	$\frac{1}{36}$	$\frac{35}{72}$	$\frac{1691}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{72}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
135522	1765	3456	$\frac{37}{1728}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1691}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{54}\ \Phi_{27}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
135523	1765	3456	$\frac{37}{1728}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1691}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
135524	1765	372	$\frac{2}{93}$	$\frac{19}{372}$	$\frac{1}{3}$	$\frac{91}{186}$	$\Phi_{372}^{5}\ \Phi_{186}^{4}\ \Phi_{124}^{5}\ \Phi_{93}^{5}\ \Phi_{62}^{4}\ \Phi_{31}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
135525	1765	1904	$\frac{3}{136}$	$\frac{139}{1904}$	$\frac{1}{4}$	$\frac{133}{272}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{112}\ \Phi_{68}\ \Phi_{56}\ \Phi_{34}\ \Phi_{28}\ \Phi_{17}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
135526	1765	2592	$\frac{1}{36}$	$\frac{37}{864}$	$\frac{827}{2592}$	$\frac{35}{72}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
135527	1765	1872	$\frac{1}{36}$	$\frac{107}{1872}$	$\frac{37}{144}$	$\frac{35}{72}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
135528	1765	2304	$\frac{1}{36}$	$\frac{37}{576}$	$\frac{539}{2304}$	$\frac{35}{72}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{72}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
135529	1765	432	$\frac{1}{36}$	$\frac{37}{432}$	$\frac{79}{432}$	$\frac{35}{72}$	$\Phi_{432}^{4}\ \Phi_{216}^{4}\ \Phi_{144}^{4}\ \Phi_{108}^{4}\ \Phi_{72}^{5}\ \Phi_{54}^{4}\ \Phi_{48}^{4}\ \Phi_{36}^{4}\ \Phi_{27}^{4}\ \Phi_{24}^{5}\ \Phi_{18}^{4}\ \Phi_{16}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
135530	1765	1944	$\frac{1}{36}$	$\frac{179}{1944}$	$\frac{37}{216}$	$\frac{35}{72}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
135531	1765	2016	$\frac{1}{36}$	$\frac{251}{2016}$	$\frac{37}{288}$	$\frac{35}{72}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
135532	1765	3432	$\frac{49}{1716}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{1667}{3432}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{264}\ \Phi_{104}\ \Phi_{88}\ \Phi_{52}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
135533	1765	2376	$\frac{17}{594}$	$\frac{1}{18}$	$\frac{611}{2376}$	$\frac{577}{1188}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{594}\ \Phi_{297}\ \Phi_{264}\ \Phi_{216}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
135534	1765	1872	$\frac{3}{104}$	$\frac{107}{1872}$	$\frac{1}{4}$	$\frac{101}{208}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{24}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
135535	1765	684	$\frac{11}{342}$	$\frac{2}{57}$	$\frac{1}{3}$	$\frac{331}{684}$	$\Phi_{684}^{5}\ \Phi_{228}^{5}\ \Phi_{76}^{5}\ \Phi_{57}\ \Phi_{36}^{5}\ \Phi_{19}\ \Phi_{12}^{5}\ \Phi_{4}^{5}\ \Phi_{1}$
135536	1765	1824	$\frac{59}{1824}$	$\frac{2}{57}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{96}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{19}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
135537	1765	1932	$\frac{6}{161}$	$\frac{167}{1932}$	$\frac{1}{7}$	$\frac{155}{322}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{276}\ \Phi_{161}\ \Phi_{138}\ \Phi_{92}\ \Phi_{84}\ \Phi_{69}\ \Phi_{42}\ \Phi_{28}\ \Phi_{23}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
135538	1765	680	$\frac{13}{340}$	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{327}{680}$	$\Phi_{680}^{5}\ \Phi_{136}^{5}\ \Phi_{68}\ \Phi_{40}^{5}\ \Phi_{34}\ \Phi_{17}\ \Phi_{8}^{5}\ \Phi_{1}$
135539	1765	3388	$\frac{71}{1694}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1623}{3388}$	$\Phi_{3388}\ \Phi_{484}\ \Phi_{308}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
135540	1765	672	$\frac{1}{28}$	$\frac{17}{336}$	$\frac{27}{112}$	$\frac{319}{672}$	$\Phi_{672}^{5}\ \Phi_{224}^{5}\ \Phi_{112}\ \Phi_{96}^{5}\ \Phi_{56}\ \Phi_{32}^{5}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
135541	1765	672	$\frac{1}{21}$	$\frac{17}{336}$	$\frac{4}{21}$	$\frac{319}{672}$	$\Phi_{672}^{5}\ \Phi_{224}^{5}\ \Phi_{96}^{5}\ \Phi_{32}^{5}\ \Phi_{21}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
135542	1765	3348	$\frac{2}{93}$	$\frac{91}{1674}$	$\frac{1}{3}$	$\frac{1583}{3348}$	$\Phi_{3348}\ \Phi_{1116}\ \Phi_{372}\ \Phi_{124}\ \Phi_{108}\ \Phi_{93}\ \Phi_{36}\ \Phi_{31}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
135543	1765	2142	$\frac{1}{21}$	$\frac{20}{357}$	$\frac{377}{2142}$	$\frac{337}{714}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{357}\ \Phi_{306}\ \Phi_{153}\ \Phi_{126}\ \Phi_{119}\ \Phi_{63}\ \Phi_{51}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
135544	1765	3328	$\frac{3}{104}$	$\frac{101}{1664}$	$\frac{1}{4}$	$\frac{1563}{3328}$	$\Phi_{3328}\ \Phi_{256}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
135545	1765	1848	$\frac{83}{1848}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{154}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{56}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
135546	1765	3264	$\frac{3}{136}$	$\frac{133}{1632}$	$\frac{1}{4}$	$\frac{1499}{3264}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{192}\ \Phi_{136}\ \Phi_{68}\ \Phi_{64}\ \Phi_{34}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
135547	1765	396	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{43}{396}$	$\frac{181}{396}$	$\Phi_{396}^{4}\ \Phi_{198}^{5}\ \Phi_{132}^{4}\ \Phi_{99}^{5}\ \Phi_{66}^{5}\ \Phi_{44}^{4}\ \Phi_{36}^{4}\ \Phi_{33}^{5}\ \Phi_{22}^{5}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{11}^{5}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
135548	1765	648	$\frac{1}{36}$	$\frac{29}{324}$	$\frac{7}{36}$	$\frac{295}{648}$	$\Phi_{648}^{5}\ \Phi_{216}^{5}\ \Phi_{72}^{5}\ \Phi_{36}^{4}\ \Phi_{24}^{5}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
135549	1765	648	$\frac{1}{18}$	$\frac{29}{324}$	$\frac{17}{162}$	$\frac{295}{648}$	$\Phi_{648}^{5}\ \Phi_{216}^{5}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}^{5}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}^{5}\ \Phi_{8}^{5}\ \Phi_{1}$
135550	1765	644	$\frac{6}{161}$	$\frac{31}{322}$	$\frac{1}{7}$	$\frac{291}{644}$	$\Phi_{644}^{5}\ \Phi_{161}\ \Phi_{92}^{5}\ \Phi_{28}^{5}\ \Phi_{23}\ \Phi_{4}^{5}\ \Phi_{1}$
135551	1765	432	$\frac{1}{36}$	$\frac{7}{72}$	$\frac{79}{432}$	$\frac{65}{144}$	$\Phi_{432}^{5}\ \Phi_{216}^{5}\ \Phi_{108}^{5}\ \Phi_{72}^{5}\ \Phi_{54}^{5}\ \Phi_{36}^{4}\ \Phi_{27}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
135552	1765	1944	$\frac{1}{18}$	$\frac{179}{1944}$	$\frac{17}{162}$	$\frac{145}{324}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
135553	1765	3168	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{181}{1584}$	$\frac{1403}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{198}\ \Phi_{99}\ \Phi_{96}\ \Phi_{66}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
135554	1765	3136	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{197}{1568}$	$\frac{1371}{3136}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
135555	1765	357	$\frac{4}{357}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{357}^5\ \Phi_{119}^5\ \Phi_{51}^5\ \Phi_{21}^5\ \Phi_{17}^5\ \Phi_7^2\ \Phi_3^5\ \Phi_1^3$
135556	1765	360	$\frac{7}{360}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^5\ \Phi_{72}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{40}^5\ \Phi_{36}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{18}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_9^5\ \Phi_8^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
135557	1765	3024	$\frac{1}{126}$	$\frac{253}{1512}$	$\frac{125}{378}$	$\frac{1259}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{378}\ \Phi_{336}\ \Phi_{189}\ \Phi_{144}\ \Phi_{112}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
135558	1765	378	$\frac{1}{21}$	$\frac{25}{378}$	$\frac{4}{21}$	$\frac{17}{42}$	$\Phi_{378}^5\ \Phi_{189}^5\ \Phi_{126}^5\ \Phi_{63}^5\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_{21}^4\ \Phi_{18}^5\ \Phi_9^5\ \Phi_7^4\ \Phi_3^4\ \Phi_1^5$
135559	1765	1770	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{58}{295}$	$\frac{237}{590}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{354}^2\ \Phi_{295}\ \Phi_{177}^2\ \Phi_{118}\ \Phi_{59}\ \Phi_{30}\ \Phi_{15}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
135560	1765	441	$\frac{2}{147}$	$\frac{29}{147}$	$\frac{88}{441}$	$\frac{59}{147}$	$\Phi_{441}^5\ \Phi_{147}^2\ \Phi_{63}^5\ \Phi_{49}^2\ \Phi_{21}^2\ \Phi_9^5\ \Phi_7^2\ \Phi_3^2\ \Phi_1^3$
135561	1765	504	$\frac{1}{126}$	$\frac{25}{126}$	$\frac{151}{504}$	$\frac{101}{252}$	$\Phi_{504}^5\ \Phi_{168}^5\ \Phi_{126}^4\ \Phi_{72}^5\ \Phi_{63}^4\ \Phi_{56}^5\ \Phi_{42}^4\ \Phi_{24}^5\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^4\ \Phi_8^5\ \Phi_7^4\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
135562	1765	588	$\frac{2}{147}$	$\frac{29}{147}$	$\frac{59}{294}$	$\frac{235}{588}$	$\Phi_{588}^5\ \Phi_{196}^5\ \Phi_{147}^2\ \Phi_{84}^5\ \Phi_{49}^2\ \Phi_{28}^5\ \Phi_{21}^2\ \Phi_{12}^5\ \Phi_7^2\ \Phi_4^5\ \Phi_3^2\ \Phi_1^3$
135563	1765	576	$\frac{1}{36}$	$\frac{7}{72}$	$\frac{65}{288}$	$\frac{223}{576}$	$\Phi_{576}^5\ \Phi_{192}^5\ \Phi_{72}^5\ \Phi_{64}^5\ \Phi_{36}^4\ \Phi_{24}^5\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
135564	1765	1824	$\frac{59}{1824}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{16}\ \Phi_8\ \Phi_1$
135565	1765	2856	$\frac{1}{21}$	$\frac{20}{357}$	$\frac{337}{1428}$	$\frac{1091}{2856}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{357}\ \Phi_{168}\ \Phi_{136}\ \Phi_{119}\ \Phi_{56}\ \Phi_{51}\ \Phi_{24}\ \Phi_{17}\ \Phi_8\ \Phi_1$
135566	1765	2832	$\frac{5}{354}$	$\frac{1}{6}$	$\frac{349}{1416}$	$\frac{1067}{2832}$	$\Phi_{2832}\ \Phi_{944}\ \Phi_{354}\ \Phi_{177}\ \Phi_{118}\ \Phi_{59}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
135567	1765	528	$\frac{1}{176}$	$\frac{1}{4}$	$\frac{175}{528}$	$\frac{3}{8}$	$\Phi_{528}^5\ \Phi_{264}^5\ \Phi_{132}^5\ \Phi_{66}^5\ \Phi_{48}^5\ \Phi_{33}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
135568	1765	1776	$\frac{11}{1776}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{592}\ \Phi_{444}\ \Phi_{296}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}\ \Phi_{48}\ \Phi_{37}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
135569	1765	712	$\frac{3}{356}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{712}^4\ \Phi_{356}\ \Phi_{178}\ \Phi_{89}\ \Phi_8\ \Phi_1$
135570	1765	440	$\frac{1}{88}$	$\frac{87}{440}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^5\ \Phi_{220}^5\ \Phi_{110}^5\ \Phi_{55}^5\ \Phi_{40}^5\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_8\ \Phi_5^5\ \Phi_1$
135571	1765	2112	$\frac{5}{352}$	$\frac{347}{2112}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{64}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
135572	1765	1792	$\frac{27}{1792}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
135573	1765	360	$\frac{7}{360}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^5\ \Phi_{72}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{40}^5\ \Phi_{36}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{18}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_9^5\ \Phi_8\ \Phi_6^5\ \Phi_5^5\ \Phi_3^5\ \Phi_1$
135574	1765	792	$\frac{1}{44}$	$\frac{43}{396}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}^4\ \Phi_{396}\ \Phi_{264}^4\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{72}^4\ \Phi_{66}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}^4\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
135575	1765	2904	$\frac{10}{363}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2904}\ \Phi_{968}\ \Phi_{363}\ \Phi_{264}\ \Phi_{121}\ \Phi_{33}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
135576	1765	1936	$\frac{5}{176}$	$\frac{171}{1936}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{121}\ \Phi_8\ \Phi_1$
135577	1765	384	$\frac{1}{32}$	$\frac{31}{384}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{384}^5\ \Phi_{192}^5\ \Phi_{128}^5\ \Phi_{96}^5\ \Phi_{64}^5\ \Phi_{48}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
135578	1765	368	$\frac{15}{368}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{368}^5\ \Phi_{184}^5\ \Phi_{92}^5\ \Phi_{46}^5\ \Phi_{23}^5\ \Phi_8\ \Phi_1$
135579	1765	1848	$\frac{83}{1848}$	$\frac{5}{88}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{56}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
135580	1765	1496	$\frac{1}{22}$	$\frac{21}{374}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1496}^2\ \Phi_{374}\ \Phi_{187}\ \Phi_{136}^2\ \Phi_{34}\ \Phi_{17}\ \Phi_8\ \Phi_1$
135581	1765	2688	$\frac{1}{28}$	$\frac{27}{448}$	$\frac{421}{1344}$	$\frac{923}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{448}\ \Phi_{384}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
135582	1765	1836	$\frac{71}{1836}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}\ \Phi_{54}\ \Phi_{51}\ \Phi_{34}\ \Phi_{27}\ \Phi_{17}\ \Phi_1$
135583	1765	2664	$\frac{11}{444}$	$\frac{1}{12}$	$\frac{433}{1332}$	$\frac{899}{2664}$	$\Phi_{2664}\ \Phi_{888}\ \Phi_{444}\ \Phi_{296}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}\ \Phi_{72}\ \Phi_{37}\ \Phi_{24}\ \Phi_8\ \Phi_1$
135584	1765	2268	$\frac{1}{126}$	$\frac{503}{2268}$	$\frac{125}{378}$	$\frac{253}{756}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{324}\ \Phi_{189}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_1$
135585	1765	1953	$\frac{2}{93}$	$\frac{188}{1953}$	$\frac{91}{279}$	$\frac{1}{3}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{217}\ \Phi_{93}\ \Phi_{63}\ \Phi_{31}\ \Phi_{21}\ \Phi_7\ \Phi_1$
135586	1765	1881	$\frac{2}{57}$	$\frac{116}{1881}$	$\frac{55}{171}$	$\frac{1}{3}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{209}\ \Phi_{99}\ \Phi_{57}\ \Phi_{33}\ \Phi_{19}\ \Phi_{11}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
135587	1765	513	$\frac{2}{57}$	$\frac{11}{171}$	$\frac{160}{513}$	$\frac{1}{3}$	$\Phi_{513}^5\ \Phi_{57}\ \Phi_{27}^5\ \Phi_{19}\ \Phi_1$
135588	1765	2511	$\frac{2}{93}$	$\frac{91}{837}$	$\frac{746}{2511}$	$\frac{1}{3}$	$\Phi_{2511}\ \Phi_{93}\ \Phi_{81}\ \Phi_{31}\ \Phi_1$
135589	1765	468	$\frac{2}{117}$	$\frac{1}{6}$	$\frac{115}{468}$	$\frac{1}{3}$	$\Phi_{468}^5\ \Phi_{234}^2\ \Phi_{156}^5\ \Phi_{117}^3\ \Phi_{78}^2\ \Phi_{52}^5\ \Phi_{39}^3\ \Phi_{36}^5\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^3\ \Phi_{12}^5\ \Phi_9^3\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
135590	1765	456	$\frac{2}{57}$	$\frac{11}{114}$	$\frac{103}{456}$	$\frac{1}{3}$	$\Phi_{456}^5\ \Phi_{228}^5\ \Phi_{152}^5\ \Phi_{76}^5\ \Phi_{57}\ \Phi_{24}^5\ \Phi_{19}\ \Phi_{12}^5\ \Phi_8^5\ \Phi_4^5\ \Phi_1$
135591	1765	360	$\frac{7}{360}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^5\ \Phi_{72}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{40}^5\ \Phi_{36}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{18}^2\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_9^3\ \Phi_8^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
135592	1765	2232	$\frac{2}{93}$	$\frac{91}{558}$	$\frac{467}{2232}$	$\frac{1}{3}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{744}\ \Phi_{372}\ \Phi_{248}\ \Phi_{124}\ \Phi_{93}\ \Phi_{72}\ \Phi_{36}\ \Phi_{31}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
135593	1765	399	$\frac{2}{57}$	$\frac{46}{399}$	$\frac{11}{57}$	$\frac{1}{3}$	$\Phi_{399}^5\ \Phi_{133}^5\ \Phi_{57}\ \Phi_{21}^5\ \Phi_{19}\ \Phi_7^5\ \Phi_1$
135594	1765	390	$\frac{2}{39}$	$\frac{37}{390}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{390}^5\ \Phi_{195}^5\ \Phi_{130}^5\ \Phi_{78}^2\ \Phi_{65}^5\ \Phi_{39}^3\ \Phi_{30}^5\ \Phi_{26}^2\ \Phi_{15}^5\ \Phi_{13}^3\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
135595	1765	378	$\frac{25}{378}$	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{378}^5\ \Phi_{189}^5\ \Phi_{126}^5\ \Phi_{63}^5\ \Phi_{54}^2\ \Phi_{42}^5\ \Phi_{27}^3\ \Phi_{21}^5\ \Phi_{18}^2\ \Phi_{14}^5\ \Phi_9^3\ \Phi_7^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
135596	1765	2052	$\frac{2}{57}$	$\frac{287}{2052}$	$\frac{55}{342}$	$\frac{1}{3}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{513}\ \Phi_{228}\ \Phi_{108}\ \Phi_{76}\ \Phi_{57}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{19}\ \Phi_{12}\ \Phi_4\ \Phi_1$
135597	1765	525	$\frac{3}{175}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{172}{525}$	$\Phi_{525}^5\ \Phi_{105}^5\ \Phi_{75}^5\ \Phi_{21}^5\ \Phi_{15}^5\ \Phi_7^2\ \Phi_3^5\ \Phi_1^3$
135598	1765	408	$\frac{3}{136}$	$\frac{55}{408}$	$\frac{1}{4}$	$\frac{133}{408}$	$\Phi_{408}^4\ \Phi_{204}^4\ \Phi_{136}^5\ \Phi_{102}^4\ \Phi_{68}^5\ \Phi_{51}^4\ \Phi_{34}^5\ \Phi_{24}^4\ \Phi_{17}^5\ \Phi_{12}^4\ \Phi_8^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
135599	1765	522	$\frac{5}{174}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{169}{522}$	$\Phi_{522}^5\ \Phi_{261}^5\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
135600	1765	2592	$\frac{37}{864}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{827}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_1$
135601	1765	2592	$\frac{37}{864}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{827}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
135602	1765	432	$\frac{1}{18}$	$\frac{37}{432}$	$\frac{79}{432}$	$\frac{17}{54}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^5\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{27}^5\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
135603	1765	1944	$\frac{1}{18}$	$\frac{179}{1944}$	$\frac{37}{216}$	$\frac{17}{54}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_1$
135604	1765	1872	$\frac{107}{1872}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{156}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}\ \Phi_{36}\ \Phi_{26}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{13}\ \Phi_9\ \Phi_8\ \Phi_1$
135605	1765	2541	$\frac{6}{77}$	$\frac{71}{847}$	$\frac{1}{7}$	$\frac{776}{2541}$	$\Phi_{2541}\ \Phi_{363}\ \Phi_{231}\ \Phi_{77}\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}\ \Phi_3\ \Phi_1$
135606	1765	504	$\frac{1}{21}$	$\frac{17}{168}$	$\frac{4}{21}$	$\frac{151}{504}$	$\Phi_{504}^5\ \Phi_{252}^5\ \Phi_{126}^5\ \Phi_{72}^5\ \Phi_{63}^5\ \Phi_{36}^5\ \Phi_{21}^4\ \Phi_{18}^5\ \Phi_9^5\ \Phi_7^4\ \Phi_3^4\ \Phi_1^5$
135607	1765	2496	$\frac{3}{104}$	$\frac{101}{832}$	$\frac{1}{4}$	$\frac{731}{2496}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{192}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
135608	1765	364	$\frac{11}{364}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{364}^5\ \Phi_{182}^5\ \Phi_{91}^5\ \Phi_{52}^5\ \Phi_{28}^5\ \Phi_{26}^5\ \Phi_{13}^5\ \Phi_7^2\ \Phi_4^5\ \Phi_1^3$
135609	1765	420	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{67}{420}$	$\frac{2}{7}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^5\ \Phi_{105}^5\ \Phi_{84}^5\ \Phi_{60}^5\ \Phi_{42}^5\ \Phi_{30}^5\ \Phi_{28}^5\ \Phi_{21}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_7^2\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_1^3$
135610	1765	385	$\frac{32}{385}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{385}^5\ \Phi_{77}^5\ \Phi_{55}^5\ \Phi_{11}^5\ \Phi_7^2\ \Phi_1^3$
135611	1765	2448	$\frac{3}{136}$	$\frac{133}{816}$	$\frac{1}{4}$	$\frac{683}{2448}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{153}\ \Phi_{144}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_9\ \Phi_8\ \Phi_1$
135612	1765	486	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{29}{162}$	$\frac{133}{486}$	$\Phi_{486}^5\ \Phi_{243}^5\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_1$
135613	1765	483	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{31}{161}$	$\frac{130}{483}$	$\Phi_{483}^5\ \Phi_{161}\ \Phi_{69}^5\ \Phi_{23}\ \Phi_{21}^5\ \Phi_3^5\ \Phi_1$
135614	1765	432	$\frac{1}{36}$	$\frac{79}{432}$	$\frac{7}{36}$	$\frac{29}{108}$	$\Phi_{432}^5\ \Phi_{216}^5\ \Phi_{144}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}^4\ \Phi_{24}^5\ \Phi_{18}^4\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
135615	1765	2376	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{181}{792}$	$\frac{611}{2376}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{198}\ \Phi_{108}\ \Phi_{99}\ \Phi_{66}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
135616	1765	1872	$\frac{107}{1872}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{144}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_1$
135617	1765	2016	$\frac{1}{28}$	$\frac{251}{2016}$	$\frac{27}{112}$	$\frac{85}{336}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
135618	1765	2176	$\frac{3}{136}$	$\frac{411}{2176}$	$\frac{133}{544}$	$\frac{1}{4}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{136}\ \Phi_{128}\ \Phi_{68}\ \Phi_{64}\ \Phi_{34}\ \Phi_{17}\ \Phi_8\ \Phi_1$
135619	1765	416	$\frac{3}{104}$	$\frac{63}{416}$	$\frac{101}{416}$	$\frac{1}{4}$	$\Phi_{416}^4\ \Phi_{208}^4\ \Phi_{104}^5\ \Phi_{52}^5\ \Phi_{32}^4\ \Phi_{26}^5\ \Phi_{16}^4\ \Phi_{13}^5\ \Phi_8^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
135620	1765	2288	$\frac{3}{52}$	$\frac{49}{572}$	$\frac{523}{2288}$	$\frac{1}{4}$	$\Phi_{2288}\ \Phi_{1144}\ \Phi_{208}\ \Phi_{176}\ \Phi_{104}\ \Phi_{88}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_1$
135621	1765	408	$\frac{3}{68}$	$\frac{55}{408}$	$\frac{13}{68}$	$\frac{1}{4}$	$\Phi_{408}^5\ \Phi_{204}^5\ \Phi_{136}^5\ \Phi_{102}^5\ \Phi_{68}\ \Phi_{51}^5\ \Phi_{34}\ \Phi_{24}^5\ \Phi_{17}\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
135622	1765	448	$\frac{1}{28}$	$\frac{17}{112}$	$\frac{95}{448}$	$\frac{27}{112}$	$\Phi_{448}^5\ \Phi_{224}^5\ \Phi_{112}\ \Phi_{64}^5\ \Phi_{56}\ \Phi_{32}^5\ \Phi_{16}\ \Phi_8\ \Phi_1$
135623	1765	2304	$\frac{37}{576}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{539}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
135624	1765	384	$\frac{31}{384}$	$\frac{1}{12}$	$\frac{37}{192}$	$\frac{11}{48}$	$\Phi_{384}^5\ \Phi_{192}^4\ \Phi_{128}^5\ \Phi_{96}^4\ \Phi_{64}^4\ \Phi_{48}^5\ \Phi_{32}^4\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_8^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
135625	1765	432	$\frac{1}{12}$	$\frac{37}{432}$	$\frac{79}{432}$	$\frac{11}{48}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{48}^5\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{24}^5\ \Phi_{18}^4\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
135626	1765	2016	$\frac{1}{12}$	$\frac{251}{2016}$	$\frac{37}{288}$	$\frac{11}{48}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
135627	1765	420	$\frac{1}{21}$	$\frac{67}{420}$	$\frac{4}{21}$	$\frac{17}{84}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^5\ \Phi_{105}^5\ \Phi_{70}^5\ \Phi_{60}^5\ \Phi_{35}^5\ \Phi_{30}^5\ \Phi_{21}^4\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_7^4\ \Phi_5^5\ \Phi_3^4\ \Phi_1^5$
135628	1766	1412	$\frac{1}{353}$	$\frac{177}{706}$	$\frac{529}{1412}$	$\frac{176}{353}$	$\Phi_{1412}^2\ \Phi_{353}\ \Phi_4^2\ \Phi_1^2$
135629	1766	1760	$\frac{3}{880}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{877}{1760}$	$\Phi_{1760}^2\ \Phi_{352}^2\ \Phi_{160}^2\ \Phi_{32}^2\ \Phi_5\ \Phi_1^2$
135630	1766	5280	$\frac{3}{880}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{877}{1760}$	$\Phi_{5280}\ \Phi_{1056}\ \Phi_{480}\ \Phi_{96}\ \Phi_{12}\ \Phi_6$
135631	1766	1755	$\frac{11}{1755}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{872}{1755}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{27}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_9\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
135632	1766	1180	$\frac{2}{295}$	$\frac{1}{5}$	$\frac{297}{1180}$	$\frac{293}{590}$	$\Phi_{1180}^2\ \Phi_{295}^2\ \Phi_{236}^2\ \Phi_{59}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
135633	1766	5226	$\frac{12}{871}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{859}{1742}$	$\Phi_{5226}\ \Phi_{402}\ \Phi_{78}\ \Phi_{39}\ \Phi_6$
135634	1766	2856	$\frac{1}{68}$	$\frac{69}{952}$	$\frac{1}{3}$	$\frac{67}{136}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{357}\ \Phi_{204}\ \Phi_{168}\ \Phi_{102}\ \Phi_{84}\ \Phi_{51}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
135635	1766	1740	$\frac{13}{870}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{857}{1740}$	$\Phi_{1740}^2\ \Phi_{580}^2\ \Phi_{348}^2\ \Phi_{116}^2\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
135636	1766	1734	$\frac{16}{867}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{851}{1734}$	$\Phi_{1734}^2\ \Phi_{578}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_6^2\ \Phi_2^2$
135637	1766	936	$\frac{1}{52}$	$\frac{53}{936}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
135638	1766	1716	$\frac{25}{858}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{833}{1716}$	$\Phi_{1716}^2\ \Phi_{572}^2\ \Phi_{156}^2\ \Phi_{132}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{44}^2\ \Phi_{39}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
135639	1766	5100	$\frac{1}{34}$	$\frac{33}{850}$	$\frac{1}{3}$	$\frac{817}{1700}$	$\Phi_{5100}\ \Phi_{1020}\ \Phi_{300}\ \Phi_{204}\ \Phi_{102}\ \Phi_{60}\ \Phi_{51}\ \Phi_{12}\ \Phi_6$
135640	1766	4992	$\frac{1}{52}$	$\frac{51}{832}$	$\frac{1}{3}$	$\frac{781}{1664}$	$\Phi_{4992}\ \Phi_{384}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
135641	1766	1632	$\frac{1}{68}$	$\frac{67}{816}$	$\frac{1}{3}$	$\frac{749}{1632}$	$\Phi_{1632}^2\ \Phi_{544}^2\ \Phi_{204}\ \Phi_{102}\ \Phi_{96}^2\ \Phi_{51}\ \Phi_{32}^2\ \Phi_{12}\ \Phi_6$
135642	1766	900	$\frac{17}{900}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
135643	1766	1475	$\frac{4}{295}$	$\frac{291}{1475}$	$\frac{1}{5}$	$\frac{592}{1475}$	$\Phi_{1475}\ \Phi_{295}^2\ \Phi_{59}^2\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
135644	1766	1320	$\frac{3}{440}$	$\frac{1}{5}$	$\frac{437}{1320}$	$\frac{2}{5}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{330}^2\ \Phi_{264}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{120}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
135645	1766	890	$\frac{7}{890}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{890}^2\ \Phi_{445}^2\ \Phi_{178}^2\ \Phi_{89}^2\ \Phi_5\ \Phi_1^2$
135646	1766	1100	$\frac{3}{220}$	$\frac{217}{1100}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1100}^2\ \Phi_{550}^2\ \Phi_{275}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
135647	1766	900	$\frac{17}{900}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
135648	1766	990	$\frac{3}{110}$	$\frac{107}{990}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
135649	1766	960	$\frac{3}{80}$	$\frac{77}{960}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
135650	1766	920	$\frac{37}{920}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{920}^2\ \Phi_{460}^2\ \Phi_{230}^2\ \Phi_{184}^2\ \Phi_{115}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_5\ \Phi_1^2$
135651	1766	935	$\frac{3}{55}$	$\frac{52}{935}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{935}^2\ \Phi_{187}^2\ \Phi_{85}^2\ \Phi_{17}^2\ \Phi_5\ \Phi_1^2$
135652	1766	888	$\frac{5}{888}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{888}^2\ \Phi_{444}^2\ \Phi_{296}^2\ \Phi_{222}^2\ \Phi_{148}^2\ \Phi_{111}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{24}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
135653	1766	1326	$\frac{1}{221}$	$\frac{220}{663}$	$\frac{1}{3}$	$\frac{443}{1326}$	$\Phi_{1326}^2\ \Phi_{663}\ \Phi_{442}^2\ \Phi_{102}^2\ \Phi_{78}^2\ \Phi_{51}\ \Phi_{39}\ \Phi_{34}^2\ \Phi_{26}^2\ \Phi_6^2\ \Phi_2^2$
135654	1766	1320	$\frac{3}{440}$	$\frac{1}{4}$	$\frac{437}{1320}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}^2\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
135655	1766	1020	$\frac{1}{68}$	$\frac{137}{1020}$	$\frac{67}{204}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{204}\ \Phi_{170}^2\ \Phi_{102}\ \Phi_{85}^2\ \Phi_{60}^2\ \Phi_{51}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
135656	1766	936	$\frac{1}{26}$	$\frac{53}{936}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2$
135657	1766	918	$\frac{35}{918}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{54}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_2^2$
135658	1766	1248	$\frac{1}{52}$	$\frac{51}{416}$	$\frac{365}{1248}$	$\frac{1}{3}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}^2\ \Phi_{312}\ \Phi_{208}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{96}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{48}\ \Phi_{39}^2\ \Phi_{32}^2\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
135659	1766	1224	$\frac{1}{68}$	$\frac{67}{408}$	$\frac{341}{1224}$	$\frac{1}{3}$	$\Phi_{1224}^2\ \Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}\ \Phi_{153}^2\ \Phi_{102}\ \Phi_{72}^2\ \Phi_{51}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
135660	1766	3300	$\frac{3}{220}$	$\frac{217}{1100}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{825}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{12}\ \Phi_6$
135661	1766	2688	$\frac{13}{896}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
135662	1766	1056	$\frac{3}{176}$	$\frac{173}{1056}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1056}^2\ \Phi_{528}\ \Phi_{352}^2\ \Phi_{264}\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{96}^2\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
135663	1766	900	$\frac{17}{900}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
135664	1766	2904	$\frac{3}{88}$	$\frac{85}{968}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2904}\ \Phi_{1452}\ \Phi_{726}\ \Phi_{363}\ \Phi_{12}\ \Phi_6$
135665	1766	960	$\frac{3}{80}$	$\frac{77}{960}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
135666	1766	2760	$\frac{37}{920}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{12}\ \Phi_6$
135667	1766	924	$\frac{41}{924}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
135668	1766	3264	$\frac{1}{68}$	$\frac{205}{1088}$	$\frac{67}{272}$	$\frac{1}{3}$	$\Phi_{3264}\ \Phi_{1632}\ \Phi_{204}\ \Phi_{192}\ \Phi_{102}\ \Phi_{96}\ \Phi_{51}\ \Phi_{12}\ \Phi_6$
135669	1766	3120	$\frac{1}{52}$	$\frac{157}{1040}$	$\frac{51}{208}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{240}\ \Phi_{195}\ \Phi_{156}\ \Phi_{120}\ \Phi_{78}\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
135670	1766	3468	$\frac{16}{289}$	$\frac{1}{17}$	$\frac{273}{1156}$	$\frac{1}{3}$	$\Phi_{3468}\ \Phi_{1734}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{12}\ \Phi_6$
135671	1766	3432	$\frac{1}{26}$	$\frac{25}{286}$	$\frac{261}{1144}$	$\frac{1}{3}$	$\Phi_{3432}\ \Phi_{1716}\ \Phi_{312}\ \Phi_{264}\ \Phi_{156}\ \Phi_{132}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
135672	1766	1020	$\frac{1}{34}$	$\frac{137}{1020}$	$\frac{33}{170}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{204}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{17}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
135673	1766	1305	$\frac{13}{435}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{422}{1305}$	$\Phi_{1305}^2\ \Phi_{261}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
135674	1766	1170	$\frac{11}{585}$	$\frac{1}{5}$	$\frac{287}{1170}$	$\frac{4}{15}$	$\Phi_{1170}^2\ \Phi_{585}\ \Phi_{390}^2\ \Phi_{234}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{117}\ \Phi_{90}^2\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
135675	1766	900	$\frac{17}{900}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
135676	1766	975	$\frac{11}{195}$	$\frac{92}{975}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{195}\ \Phi_{75}^2\ \Phi_{65}\ \Phi_{39}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
135677	1766	945	$\frac{62}{945}$	$\frac{11}{135}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
135678	1767	2340	$\frac{4}{585}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{581}{1170}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{585}\ \Phi_{468}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{156}\ \Phi_{117}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{45}\ \Phi_{39}\ \Phi_{36}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
135679	1767	708	$\frac{1}{118}$	$\frac{119}{708}$	$\frac{1}{4}$	$\frac{117}{236}$	$\Phi_{708}^3\ \Phi_{354}^3\ \Phi_{236}^2\ \Phi_{177}^3\ \Phi_{118}\ \Phi_{59}\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
135680	1767	1656	$\frac{1}{92}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{91}{184}$	$\Phi_{1656}^2\ \Phi_{552}^2\ \Phi_{184}^3\ \Phi_{72}^2\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
135681	1767	3864	$\frac{1}{92}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{91}{184}$	$\Phi_{3864}\ \Phi_{1288}\ \Phi_{184}\ \Phi_{168}\ \Phi_{56}\ \Phi_{21}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
135682	1767	4968	$\frac{1}{92}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{91}{184}$	$\Phi_{4968}\ \Phi_{216}\ \Phi_{184}\ \Phi_{27}\ \Phi_{8}\ \Phi_{1}$
135683	1767	552	$\frac{1}{92}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{91}{184}$	$\Phi_{552}^2\ \Phi_{276}^4\ \Phi_{184}^3\ \Phi_{138}^4\ \Phi_{92}^4\ \Phi_{69}^4\ \Phi_{46}^4\ \Phi_{24}^3\ \Phi_{23}^4\ \Phi_{12}^5\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
135684	1767	1160	$\frac{9}{580}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{571}{1160}$	$\Phi_{1160}^3\ \Phi_{232}^3\ \Phi_{40}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_{8}^3\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
135685	1767	1680	$\frac{1}{56}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{55}{112}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{112}^3\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
135686	1767	3696	$\frac{1}{56}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{55}{112}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{176}\ \Phi_{112}\ \Phi_{33}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
135687	1767	5040	$\frac{1}{56}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{55}{112}$	$\Phi_{5040}\ \Phi_{1008}\ \Phi_{720}\ \Phi_{144}\ \Phi_{112}\ \Phi_{45}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
135688	1767	560	$\frac{1}{56}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{55}{112}$	$\Phi_{560}^6\ \Phi_{112}^7\ \Phi_{80}^6\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}^7\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
135689	1767	560	$\frac{1}{56}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{55}{112}$	$\Phi_{560}^6\ \Phi_{112}^7\ \Phi_{80}^6\ \Phi_{35}\ \Phi_{16}^7\ \Phi_{7}\ \Phi_{1}$
135690	1767	1008	$\frac{1}{56}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{55}{112}$	$\Phi_{1008}^4\ \Phi_{336}^2\ \Phi_{144}^4\ \Phi_{112}^3\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
135691	1767	420	$\frac{1}{30}$	$\frac{1}{28}$	$\frac{9}{28}$	$\frac{29}{60}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^5\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^6\ \Phi_{21}^4\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{14}^6\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_{7}^6\ \Phi_{6}^4\ \Phi_{5}^4\ \Phi_{4}^7\ \Phi_{3}^4\ \Phi_{2}^6\ \Phi_{1}^7$
135692	1767	60	$\frac{1}{30}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{60}^{29}\ \Phi_{30}^{28}\ \Phi_{20}^{32}\ \Phi_{15}^{28}\ \Phi_{12}^{29}\ \Phi_{10}^{31}\ \Phi_{6}^{28}\ \Phi_{5}^{31}\ \Phi_{4}^{31}\ \Phi_{3}^{28}\ \Phi_{2}^{30}\ \Phi_{1}^{31}$
135693	1767	420	$\frac{1}{30}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{29}{60}$	$\Phi_{420}^8\ \Phi_{140}^8\ \Phi_{84}^8\ \Phi_{70}\ \Phi_{60}^9\ \Phi_{35}\ \Phi_{28}^8\ \Phi_{20}^9\ \Phi_{12}^9\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}^9\ \Phi_{1}$
135694	1767	420	$\frac{1}{30}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{29}{60}$	$\Phi_{420}^8\ \Phi_{140}^8\ \Phi_{84}^8\ \Phi_{60}^9\ \Phi_{28}^8\ \Phi_{21}^3\ \Phi_{20}^9\ \Phi_{12}^9\ \Phi_{7}^2\ \Phi_{4}^9\ \Phi_{3}^3\ \Phi_{1}^3$
135695	1767	960	$\frac{1}{30}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{29}{60}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^3\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{32}^3\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
135696	1767	828	$\frac{1}{46}$	$\frac{1}{18}$	$\frac{15}{46}$	$\frac{17}{36}$	$\Phi_{828}^4\ \Phi_{276}^4\ \Phi_{92}^4\ \Phi_{46}^2\ \Phi_{36}^5\ \Phi_{23}^2\ \Phi_{12}^5\ \Phi_{4}^5\ \Phi_{2}^2\ \Phi_{1}^3$
135697	1767	288	$\frac{1}{32}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{288}^6\ \Phi_{144}^6\ \Phi_{96}^6\ \Phi_{72}^6\ \Phi_{48}^6\ \Phi_{36}^5\ \Phi_{32}^9\ \Phi_{24}^6\ \Phi_{18}^4\ \Phi_{16}^9\ \Phi_{12}^5\ \Phi_{9}^4\ \Phi_{8}^9\ \Phi_{6}^4\ \Phi_{4}^7\ \Phi_{3}^4\ \Phi_{2}^6\ \Phi_{1}^7$
135698	1767	4140	$\frac{1}{23}$	$\frac{1}{18}$	$\frac{22}{115}$	$\frac{17}{36}$	$\Phi_{4140}\ \Phi_{1380}\ \Phi_{460}\ \Phi_{180}\ \Phi_{115}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
135699	1767	600	$\frac{11}{600}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{25}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^3\ \Phi_{1}$
135700	1767	1624	$\frac{1}{58}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{1624}^2\ \Phi_{232}^2\ \Phi_{116}^2\ \Phi_{58}\ \Phi_{56}\ \Phi_{29}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
135701	1767	2124	$\frac{1}{59}$	$\frac{58}{531}$	$\frac{1}{4}$	$\frac{473}{1062}$	$\Phi_{2124}\ \Phi_{708}\ \Phi_{531}\ \Phi_{236}^2\ \Phi_{177}\ \Phi_{118}\ \Phi_{59}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
135702	1767	1504	$\frac{1}{94}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1504}^2\ \Phi_{188}^2\ \Phi_{94}\ \Phi_{47}\ \Phi_{32}\ \Phi_{4}\ \Phi_{1}$
135703	1767	944	$\frac{1}{118}$	$\frac{117}{472}$	$\frac{1}{4}$	$\frac{355}{944}$	$\Phi_{944}^3\ \Phi_{236}^2\ \Phi_{118}\ \Phi_{59}\ \Phi_{16}^3\ \Phi_{4}\ \Phi_{1}$
135704	1767	1128	$\frac{1}{94}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1128}^2\ \Phi_{564}^2\ \Phi_{282}^2\ \Phi_{188}^2\ \Phi_{141}^2\ \Phi_{94}\ \Phi_{47}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
135705	1767	1410	$\frac{1}{94}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{470}^2\ \Phi_{282}\ \Phi_{235}^2\ \Phi_{141}\ \Phi_{94}\ \Phi_{47}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
135706	1767	1392	$\frac{1}{58}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1392}^2\ \Phi_{464}^2\ \Phi_{232}^2\ \Phi_{116}^2\ \Phi_{58}\ \Phi_{48}\ \Phi_{29}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
135707	1767	883	$\frac{4}{883}$	$\frac{293}{883}$	$\frac{294}{883}$	$\frac{295}{883}$	$\Phi_{883}^2\ \Phi_{1}^3$
135708	1767	966	$\frac{1}{46}$	$\frac{2}{21}$	$\frac{15}{46}$	$\frac{1}{3}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{46}^2\ \Phi_{42}^2\ \Phi_{23}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{7}^3\ \Phi_{2}^2\ \Phi_{1}^3$
135709	1767	924	$\frac{1}{28}$	$\frac{2}{33}$	$\frac{9}{28}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^3\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
135710	1767	609	$\frac{20}{609}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{609}^3\ \Phi_{203}^3\ \Phi_{87}^2\ \Phi_{29}^3\ \Phi_{21}^3\ \Phi_{7}^3\ \Phi_{3}\ \Phi_{1}^3$
135711	1767	672	$\frac{1}{32}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}^2\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{8}^3\ \Phi_{7}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
135712	1767	660	$\frac{1}{20}$	$\frac{2}{33}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}^3\ \Phi_{132}^2\ \Phi_{110}^3\ \Phi_{66}^2\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{11}^3\ \Phi_{10}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
135713	1767	2415	$\frac{1}{23}$	$\frac{2}{21}$	$\frac{22}{115}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{805}\ \Phi_{115}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
135714	1767	2310	$\frac{2}{33}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{70}\ \Phi_{55}\ \Phi_{35}\ \Phi_{33}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
135715	1767	231	$\frac{2}{33}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{231}^8\ \Phi_{77}^8\ \Phi_{33}^9\ \Phi_{21}^3\ \Phi_{11}^9\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
135716	1767	2112	$\frac{2}{33}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{176}\ \Phi_{64}\ \Phi_{33}\ \Phi_{32}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
135717	1767	708	$\frac{1}{59}$	$\frac{119}{708}$	$\frac{1}{4}$	$\frac{58}{177}$	$\Phi_{708}^2\ \Phi_{354}^2\ \Phi_{236}^3\ \Phi_{177}^3\ \Phi_{118}^3\ \Phi_{59}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
135718	1767	1242	$\frac{1}{46}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{15}{46}$	$\Phi_{1242}^2\ \Phi_{621}^2\ \Phi_{54}^2\ \Phi_{46}^2\ \Phi_{27}^3\ \Phi_{23}^2\ \Phi_2^2\ \Phi_1^3$
135719	1767	552	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{15}{46}$	$\Phi_{552}^4\ \Phi_{276}^4\ \Phi_{184}^4\ \Phi_{92}^4\ \Phi_{46}^2\ \Phi_{24}^5\ \Phi_{23}^2\ \Phi_{12}^5\ \Phi_8^5\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
135720	1767	1740	$\frac{9}{290}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{281}{870}$	$\Phi_{1740}^2\ \Phi_{870}\ \Phi_{435}\ \Phi_{348}^2\ \Phi_{174}\ \Phi_{87}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
135721	1767	1260	$\frac{1}{28}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{9}{28}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{63}^2\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
135722	1767	280	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{9}{28}$	$\Phi_{280}^8\ \Phi_{140}^4\ \Phi_{70}^4\ \Phi_{56}^8\ \Phi_{40}^9\ \Phi_{35}^4\ \Phi_{28}^6\ \Phi_{20}^5\ \Phi_{14}^6\ \Phi_{10}^4\ \Phi_8^9\ \Phi_7^6\ \Phi_5^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
135723	1767	140	$\frac{1}{28}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{9}{28}$	$\Phi_{140}^{12}\ \Phi_{70}^{12}\ \Phi_{35}^{13}\ \Phi_{28}^{14}\ \Phi_{20}^{12}\ \Phi_{14}^{14}\ \Phi_{10}^{12}\ \Phi_7^{15}\ \Phi_5^{12}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
135724	1767	252	$\frac{1}{28}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{9}{28}$	$\Phi_{252}^8\ \Phi_{126}^8\ \Phi_{84}^4\ \Phi_{63}^8\ \Phi_{42}^4\ \Phi_{36}^9\ \Phi_{28}^6\ \Phi_{21}^4\ \Phi_{18}^9\ \Phi_{14}^6\ \Phi_{12}^5\ \Phi_9^9\ \Phi_7^6\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
135725	1767	180	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{180}^{14}\ \Phi_{90}^{14}\ \Phi_{45}^{15}\ \Phi_{36}^{14}\ \Phi_{20}^3\ \Phi_{18}^{14}\ \Phi_{10}^3\ \Phi_9^{15}\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
135726	1767	630	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{14}{45}$	$\Phi_{630}^4\ \Phi_{315}^4\ \Phi_{126}^4\ \Phi_{90}^4\ \Phi_{70}\ \Phi_{63}^4\ \Phi_{45}^5\ \Phi_{35}\ \Phi_{18}^4\ \Phi_{10}\ \Phi_9^5\ \Phi_5\ \Phi_1$
135727	1767	315	$\frac{1}{15}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{14}{45}$	$\Phi_{315}^8\ \Phi_{63}^8\ \Phi_{45}^9\ \Phi_{21}^3\ \Phi_9^9\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
135728	1767	2880	$\frac{1}{15}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{14}{45}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{576}\ \Phi_{288}\ \Phi_{144}\ \Phi_{64}\ \Phi_{45}\ \Phi_{32}\ \Phi_{16}\ \Phi_9\ \Phi_1$
135729	1767	864	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{864}^3\ \Phi_{432}^3\ \Phi_{216}^3\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{32}^3\ \Phi_{27}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
135730	1767	3105	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{22}{115}$	$\frac{8}{27}$	$\Phi_{3105}\ \Phi_{135}\ \Phi_{115}\ \Phi_{27}\ \Phi_5\ \Phi_1$
135731	1767	600	$\frac{11}{600}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^2\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
135732	1767	780	$\frac{4}{195}$	$\frac{1}{5}$	$\frac{191}{780}$	$\frac{1}{4}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^3\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^3\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{13}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
135733	1767	40	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{40}^{57}\ \Phi_{20}^{32}\ \Phi_{10}^{31}\ \Phi_8^{57}\ \Phi_5^{31}\ \Phi_4^{31}\ \Phi_2^{30}\ \Phi_1^{31}$
135734	1767	96	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{96}^{18}\ \Phi_{48}^{18}\ \Phi_{32}^{21}\ \Phi_{24}^{15}\ \Phi_{16}^{21}\ \Phi_{12}^{17}\ \Phi_8^{18}\ \Phi_6^{16}\ \Phi_4^{19}\ \Phi_3^{16}\ \Phi_2^{18}\ \Phi_1^{19}$
135735	1767	140	$\frac{1}{20}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^{14}\ \Phi_{70}^{14}\ \Phi_{35}^{15}\ \Phi_{28}^{14}\ \Phi_{20}^3\ \Phi_{14}^{14}\ \Phi_{10}^3\ \Phi_7^{15}\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
135736	1767	1300	$\frac{4}{65}$	$\frac{61}{650}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1300}^2\ \Phi_{650}\ \Phi_{325}\ \Phi_{260}\ \Phi_{100}^2\ \Phi_{65}\ \Phi_{52}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
135737	1767	1260	$\frac{41}{630}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}^2\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
135738	1767	180	$\frac{1}{20}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}^6\ \Phi_{45}^{12}\ \Phi_{36}^9\ \Phi_{30}^6\ \Phi_{20}^9\ \Phi_{18}^9\ \Phi_{15}^6\ \Phi_{12}^5\ \Phi_{10}^9\ \Phi_9^9\ \Phi_6^4\ \Phi_5^9\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
135739	1767	280	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{70}$	$\frac{9}{40}$	$\Phi_{280}^8\ \Phi_{140}^8\ \Phi_{70}\ \Phi_{56}^8\ \Phi_{40}^9\ \Phi_{35}\ \Phi_{28}^8\ \Phi_{20}^9\ \Phi_{10}\ \Phi_8^9\ \Phi_5\ \Phi_4^9\ \Phi_1$
135740	1767	840	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{40}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{280}^2\ \Phi_{168}^3\ \Phi_{140}^2\ \Phi_{120}^3\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{56}^2\ \Phi_{40}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
135741	1767	320	$\frac{1}{10}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{9}{40}$	$\Phi_{320}^6\ \Phi_{160}^6\ \Phi_{80}^6\ \Phi_{64}^7\ \Phi_{40}\ \Phi_{32}^7\ \Phi_{20}\ \Phi_{16}^7\ \Phi_8\ \Phi_4\ \Phi_1$
135742	1767	2760	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{22}{115}$	$\frac{5}{24}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{920}\ \Phi_{460}\ \Phi_{120}\ \Phi_{115}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
135743	1767	70	$\frac{1}{14}$	$\frac{4}{35}$	$\frac{13}{70}$	$\frac{1}{5}$	$\Phi_{70}^{25}\ \Phi_{35}^{26}\ \Phi_{14}^{24}\ \Phi_{10}^{25}\ \Phi_7^{25}\ \Phi_5^{25}\ \Phi_2^{24}\ \Phi_1^{25}$
135744	1767	105	$\frac{2}{21}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{105}^{18}\ \Phi_{35}^{13}\ \Phi_{21}^{21}\ \Phi_{15}^{18}\ \Phi_7^{15}\ \Phi_5^{12}\ \Phi_3^{21}\ \Phi_1^{15}$
135745	1767	2240	$\frac{7}{64}$	$\frac{4}{35}$	$\frac{1}{8}$	$\frac{1}{5}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{35}\ \Phi_{32}\ \Phi_{16}\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
135746	1767	1260	$\frac{1}{14}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{13}{70}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{315}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{90}^2\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{35}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
135747	1767	252	$\frac{2}{21}$	$\frac{5}{36}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{252}^8\ \Phi_{126}^8\ \Phi_{84}^8\ \Phi_{63}^8\ \Phi_{36}^9\ \Phi_{28}^8\ \Phi_{21}^3\ \Phi_{18}^9\ \Phi_{12}^9\ \Phi_9^9\ \Phi_7^2\ \Phi_4^9\ \Phi_3^3\ \Phi_1^3$
135748	1767	576	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{5}{36}$	$\frac{1}{6}$	$\Phi_{576}^4\ \Phi_{288}^4\ \Phi_{192}^2\ \Phi_{144}^4\ \Phi_{96}^2\ \Phi_{64}^3\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{32}^3\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
135749	1768	441	$\frac{1}{441}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{220}{441}$	$\Phi_{441}^4\ \Phi_{147}^4\ \Phi_{63}^4\ \Phi_{49}^4\ \Phi_{21}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_3^5\ \Phi_1^6$
135750	1768	1767	$\frac{5}{1767}$	$\frac{443}{1767}$	$\frac{662}{1767}$	$\frac{881}{1767}$	$\Phi_{1767}\ \Phi_{589}\ \Phi_{93}\ \Phi_{57}\ \Phi_{31}\ \Phi_{19}\ \Phi_3\ \Phi_1^2$
135751	1768	885	$\frac{1}{295}$	$\frac{74}{295}$	$\frac{1}{3}$	$\frac{147}{295}$	$\Phi_{885}^3\ \Phi_{177}^3\ \Phi_{15}^3\ \Phi_3^2$
135752	1768	3080	$\frac{1}{220}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{219}{440}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}^2\ \Phi_{280}\ \Phi_{88}^2\ \Phi_{56}\ \Phi_{40}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
135753	1768	1320	$\frac{1}{220}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{219}{440}$	$\Phi_{1320}^4\ \Phi_{264}^4\ \Phi_{120}^4\ \Phi_{24}^4\ \Phi_{15}$
135754	1768	531	$\frac{1}{177}$	$\frac{89}{531}$	$\frac{1}{3}$	$\frac{88}{177}$	$\Phi_{531}^4\ \Phi_{177}^2\ \Phi_{59}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
135755	1768	1080	$\frac{1}{135}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{67}{135}$	$\Phi_{1080}^3\ \Phi_{360}^3\ \Phi_{216}^3\ \Phi_{135}\ \Phi_{120}^3\ \Phi_{72}^3\ \Phi_{45}\ \Phi_{40}^3\ \Phi_{27}\ \Phi_{24}^4\ \Phi_{15}\ \Phi_9\ \Phi_8^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
135756	1768	135	$\frac{1}{135}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{67}{135}$	$\Phi_{135}^{13}\ \Phi_{45}^{13}\ \Phi_{27}^{13}\ \Phi_{15}^{14}\ \Phi_9^{13}\ \Phi_5^{14}\ \Phi_3^{13}\ \Phi_1^{14}$
135757	1768	270	$\frac{1}{135}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{67}{135}$	$\Phi_{270}^6\ \Phi_{135}^7\ \Phi_{90}^6\ \Phi_{54}^6\ \Phi_{45}^7\ \Phi_{30}^6\ \Phi_{27}^7\ \Phi_{18}^7\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_9^8\ \Phi_6^6\ \Phi_5^7\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
135758	1768	2160	$\frac{1}{135}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{67}{135}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_9\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
135759	1768	1314	$\frac{2}{219}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{217}{438}$	$\Phi_{1314}^3\ \Phi_{438}^2\ \Phi_{146}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
135760	1768	3296	$\frac{1}{103}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{51}{103}$	$\Phi_{3296}\ \Phi_{103}\ \Phi_{32}^2\ \Phi_1^2$
135761	1768	2472	$\frac{1}{103}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{51}{103}$	$\Phi_{2472}\ \Phi_{1236}\ \Phi_{618}\ \Phi_{309}\ \Phi_{103}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
135762	1768	2060	$\frac{1}{103}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{51}{103}$	$\Phi_{2060}\ \Phi_{1030}\ \Phi_{515}\ \Phi_{103}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
135763	1768	837	$\frac{1}{93}$	$\frac{47}{837}$	$\frac{395}{837}$	$\frac{46}{93}$	$\Phi_{837}^2\ \Phi_{279}^2\ \Phi_{93}^3\ \Phi_{31}^3\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3^3\ \Phi_1^4$
135764	1768	279	$\frac{1}{93}$	$\frac{47}{279}$	$\frac{58}{279}$	$\frac{46}{93}$	$\Phi_{279}^6\ \Phi_{93}^7\ \Phi_{31}^7\ \Phi_9^6\ \Phi_3^7\ \Phi_1^8$
135765	1768	437	$\frac{5}{437}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{216}{437}$	$\Phi_{437}^4\ \Phi_{23}^4\ \Phi_{19}^5\ \Phi_1^6$
135766	1768	437	$\frac{5}{437}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{216}{437}$	$\Phi_{437}^4\ \Phi_{23}^4\ \Phi_{19}^5\ \Phi_1^6$
135767	1768	2664	$\frac{1}{74}$	$\frac{1}{9}$	$\frac{75}{296}$	$\frac{73}{148}$	$\Phi_{2664}\ \Phi_{888}\ \Phi_{666}\ \Phi_{333}\ \Phi_{222}\ \Phi_{111}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_6$
135768	1768	1675	$\frac{1}{67}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{33}{67}$	$\Phi_{1675}\ \Phi_{335}\ \Phi_{67}^2\ \Phi_{25}^2\ \Phi_5^2\ \Phi_1^4$
135769	1768	2814	$\frac{1}{67}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{33}{67}$	$\Phi_{2814}\ \Phi_{1407}\ \Phi_{402}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
135770	1768	1005	$\frac{1}{67}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{33}{67}$	$\Phi_{1005}^2\ \Phi_{335}\ \Phi_{201}^2\ \Phi_{67}^2\ \Phi_{15}^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
135771	1768	589	$\frac{9}{589}$	$\frac{23}{589}$	$\frac{283}{589}$	$\frac{290}{589}$	$\Phi_{589}^3\ \Phi_{31}^3\ \Phi_{19}^3\ \Phi_1^4$
135772	1768	435	$\frac{7}{435}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{214}{435}$	$\Phi_{435}^4\ \Phi_{145}^4\ \Phi_{87}^4\ \Phi_{29}^4\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
135773	1768	708	$\frac{1}{59}$	$\frac{15}{236}$	$\frac{1}{3}$	$\frac{29}{59}$	$\Phi_{708}^4\ \Phi_{354}^4\ \Phi_{177}^3\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^2$
135774	1768	855	$\frac{1}{57}$	$\frac{29}{855}$	$\frac{413}{855}$	$\frac{28}{57}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{171}^2\ \Phi_{95}^2\ \Phi_{57}^3\ \Phi_{45}^2\ \Phi_{19}^3\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3^3\ \Phi_1^4$
135775	1768	285	$\frac{1}{57}$	$\frac{29}{285}$	$\frac{64}{285}$	$\frac{28}{57}$	$\Phi_{285}^6\ \Phi_{95}^6\ \Phi_{57}^7\ \Phi_{19}^7\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^7\ \Phi_1^8$
135776	1768	513	$\frac{1}{57}$	$\frac{71}{513}$	$\frac{29}{171}$	$\frac{28}{57}$	$\Phi_{513}^4\ \Phi_{171}^2\ \Phi_{57}^3\ \Phi_{27}^4\ \Phi_{19}^3\ \Phi_9^2\ \Phi_3^3\ \Phi_1^4$
135777	1768	434	$\frac{4}{217}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{213}{434}$	$\Phi_{434}^8\ \Phi_{62}^8\ \Phi_{31}\ \Phi_{14}^8\ \Phi_2^8\ \Phi_1^2$
135778	1768	434	$\frac{4}{217}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{213}{434}$	$\Phi_{434}^8\ \Phi_{62}^8\ \Phi_{31}\ \Phi_{14}^8\ \Phi_2^8\ \Phi_1^2$
135779	1768	561	$\frac{1}{51}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{25}{51}$	$\Phi_{561}^3\ \Phi_{187}^3\ \Phi_{51}^4\ \Phi_{33}^4\ \Phi_{17}^4\ \Phi_{11}^4\ \Phi_3^5\ \Phi_1^6$
135780	1768	306	$\frac{1}{51}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{306}^6\ \Phi_{153}^6\ \Phi_{102}^6\ \Phi_{51}^4\ \Phi_{34}^6\ \Phi_{18}^8\ \Phi_{17}^4\ \Phi_9^8\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
135781	1768	1122	$\frac{1}{51}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{25}{51}$	$\Phi_{1122}^2\ \Phi_{561}^2\ \Phi_{374}^2\ \Phi_{187}\ \Phi_{102}^2\ \Phi_{66}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{33}\ \Phi_{22}^4\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
135782	1768	1767	$\frac{35}{1767}$	$\frac{53}{1767}$	$\frac{857}{1767}$	$\frac{866}{1767}$	$\Phi_{1767}\ \Phi_{589}\ \Phi_{93}\ \Phi_{57}\ \Phi_{31}\ \Phi_{19}\ \Phi_{3}\ \Phi_{1}^{2}$
135783	1768	1918	$\frac{3}{137}$	$\frac{1}{14}$	$\frac{35}{137}$	$\frac{67}{137}$	$\Phi_{1918}\ \Phi_{959}\ \Phi_{274}$
135784	1768	432	$\frac{5}{216}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{211}{432}$	$\Phi_{432}^{8}\ \Phi_{144}^{8}\ \Phi_{48}^{8}\ \Phi_{18}^{3}\ \Phi_{16}^{8}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
135785	1768	1767	$\frac{49}{1767}$	$\frac{101}{1767}$	$\frac{454}{1767}$	$\frac{859}{1767}$	$\Phi_{1767}\ \Phi_{589}\ \Phi_{93}\ \Phi_{57}\ \Phi_{31}\ \Phi_{19}\ \Phi_{3}\ \Phi_{1}^{2}$
135786	1768	177	$\frac{5}{177}$	$\frac{7}{177}$	$\frac{1}{3}$	$\frac{86}{177}$	$\Phi_{177}^{10}\ \Phi_{59}^{10}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
135787	1768	630	$\frac{1}{35}$	$\frac{1}{18}$	$\frac{9}{35}$	$\frac{17}{35}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}^{3}\ \Phi_{126}^{3}\ \Phi_{105}^{3}\ \Phi_{90}^{3}\ \Phi_{70}^{3}\ \Phi_{63}^{3}\ \Phi_{45}^{3}\ \Phi_{42}^{3}\ \Phi_{30}^{3}\ \Phi_{21}^{3}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{14}^{3}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
135788	1768	297	$\frac{1}{33}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{297}^{6}\ \Phi_{99}^{6}\ \Phi_{33}^{4}\ \Phi_{27}^{8}\ \Phi_{11}^{4}\ \Phi_{9}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
135789	1768	561	$\frac{1}{33}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{16}{33}$	$\Phi_{561}^{3}\ \Phi_{187}^{3}\ \Phi_{51}^{3}\ \Phi_{33}^{4}\ \Phi_{17}^{6}\ \Phi_{11}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
135790	1768	2310	$\frac{1}{33}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{16}{33}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{330}\ \Phi_{210}\ \Phi_{110}\ \Phi_{105}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{10}^{2}$
135791	1768	651	$\frac{1}{31}$	$\frac{8}{217}$	$\frac{209}{651}$	$\frac{15}{31}$	$\Phi_{651}^{4}\ \Phi_{93}^{4}\ \Phi_{31}\ \Phi_{21}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
135792	1768	465	$\frac{1}{31}$	$\frac{23}{465}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{465}^{4}\ \Phi_{155}^{4}\ \Phi_{93}^{4}\ \Phi_{31}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
135793	1768	1085	$\frac{1}{31}$	$\frac{16}{217}$	$\frac{201}{1085}$	$\frac{15}{31}$	$\Phi_{1085}^{2}\ \Phi_{155}^{2}\ \Phi_{35}^{2}\ \Phi_{31}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
135794	1768	248	$\frac{1}{31}$	$\frac{27}{248}$	$\frac{4}{31}$	$\frac{15}{31}$	$\Phi_{248}^{8}\ \Phi_{124}^{8}\ \Phi_{62}^{8}\ \Phi_{31}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
135795	1768	1767	$\frac{65}{1767}$	$\frac{77}{1767}$	$\frac{458}{1767}$	$\frac{851}{1767}$	$\Phi_{1767}\ \Phi_{589}\ \Phi_{93}\ \Phi_{57}\ \Phi_{31}\ \Phi_{19}\ \Phi_{3}\ \Phi_{1}^{2}$
135796	1768	885	$\frac{9}{295}$	$\frac{11}{295}$	$\frac{1}{3}$	$\frac{142}{295}$	$\Phi_{885}^{3}\ \Phi_{177}^{3}\ \Phi_{15}^{3}\ \Phi_{3}^{2}$
135797	1768	525	$\frac{1}{35}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{525}^{5}\ \Phi_{105}^{6}\ \Phi_{75}^{4}\ \Phi_{21}^{6}\ \Phi_{15}^{5}\ \Phi_{3}^{4}$
135798	1768	1675	$\frac{1}{25}$	$\frac{3}{67}$	$\frac{16}{67}$	$\frac{12}{25}$	$\Phi_{1675}\ \Phi_{335}\ \Phi_{67}^{2}\ \Phi_{25}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
135799	1768	450	$\frac{1}{25}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{450}^{4}\ \Phi_{225}^{4}\ \Phi_{150}^{4}\ \Phi_{90}^{5}\ \Phi_{75}^{4}\ \Phi_{50}^{4}\ \Phi_{45}^{5}\ \Phi_{30}^{5}\ \Phi_{18}^{4}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
135800	1768	621	$\frac{1}{27}$	$\frac{1}{23}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{621}^{3}\ \Phi_{207}^{3}\ \Phi_{69}^{3}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}$
135801	1768	1767	$\frac{71}{1767}$	$\frac{79}{1767}$	$\frac{424}{1767}$	$\frac{844}{1767}$	$\Phi_{1767}\ \Phi_{589}\ \Phi_{93}\ \Phi_{57}\ \Phi_{31}\ \Phi_{19}\ \Phi_{3}\ \Phi_{1}^{2}$
135802	1768	126	$\frac{1}{21}$	$\frac{1}{18}$	$\frac{11}{63}$	$\frac{10}{21}$	$\Phi_{126}^{15}\ \Phi_{63}^{13}\ \Phi_{42}^{15}\ \Phi_{21}^{14}\ \Phi_{18}^{14}\ \Phi_{14}^{15}\ \Phi_{9}^{12}\ \Phi_{7}^{14}\ \Phi_{6}^{14}\ \Phi_{3}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
135803	1768	1918	$\frac{7}{137}$	$\frac{1}{14}$	$\frac{18}{137}$	$\frac{65}{137}$	$\Phi_{1918}\ \Phi_{959}\ \Phi_{274}$
135804	1768	1311	$\frac{10}{437}$	$\frac{1}{19}$	$\frac{427}{1311}$	$\frac{9}{19}$	$\Phi_{1311}^{2}\ \Phi_{69}^{2}\ \Phi_{57}^{2}\ \Phi_{19}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
135805	1768	228	$\frac{7}{228}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{228}^{8}\ \Phi_{114}^{8}\ \Phi_{76}^{8}\ \Phi_{57}^{8}\ \Phi_{38}^{8}\ \Phi_{19}^{5}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
135806	1768	57	$\frac{1}{19}$	$\frac{5}{57}$	$\frac{2}{19}$	$\frac{9}{19}$	$\Phi_{57}^{34}\ \Phi_{19}^{25}\ \Phi_{3}^{34}\ \Phi_{1}^{26}$
135807	1768	1767	$\frac{97}{1767}$	$\frac{118}{1767}$	$\frac{233}{1767}$	$\frac{835}{1767}$	$\Phi_{1767}\ \Phi_{589}\ \Phi_{93}\ \Phi_{57}\ \Phi_{31}\ \Phi_{19}\ \Phi_{3}\ \Phi_{1}^{2}$
135808	1768	2215	$\frac{18}{443}$	$\frac{25}{443}$	$\frac{1}{5}$	$\frac{209}{443}$	Φ_{2215}
135809	1768	1855	$\frac{1}{35}$	$\frac{3}{53}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{265}$
135810	1768	1767	$\frac{50}{1767}$	$\frac{101}{1767}$	$\frac{467}{1767}$	$\frac{833}{1767}$	$\Phi_{1767}\ \Phi_{589}\ \Phi_{93}\ \Phi_{57}\ \Phi_{31}\ \Phi_{19}\ \Phi_{3}\ \Phi_{1}^{2}$
135811	1768	885	$\frac{6}{295}$	$\frac{17}{295}$	$\frac{1}{3}$	$\frac{139}{295}$	$\Phi_{885}^{3}\ \Phi_{177}^{3}\ \Phi_{15}^{3}\ \Phi_{3}^{2}$
135812	1768	1767	$\frac{55}{1767}$	$\frac{103}{1767}$	$\frac{428}{1767}$	$\frac{832}{1767}$	$\Phi_{1767}\ \Phi_{589}\ \Phi_{93}\ \Phi_{57}\ \Phi_{31}\ \Phi_{19}\ \Phi_{3}\ \Phi_{1}^{2}$
135813	1768	882	$\frac{1}{18}$	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{23}{49}$	$\Phi_{882}^{2}\ \Phi_{441}^{2}\ \Phi_{294}^{2}\ \Phi_{147}^{2}\ \Phi_{126}^{3}\ \Phi_{98}^{2}\ \Phi_{63}^{3}\ \Phi_{42}^{3}\ \Phi_{21}^{3}\ \Phi_{18}^{2}\ \Phi_{14}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
135814	1768	5088	$\frac{1}{53}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{5088}\ \Phi_{159}$
135815	1768	3296	$\frac{3}{103}$	$\frac{1}{16}$	$\frac{25}{103}$	$\frac{15}{32}$	$\Phi_{3296}\ \Phi_{103}\ \Phi_{32}^{2}\ \Phi_{1}^{2}$
135816	1768	4320	$\frac{1}{27}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{4320}\ \Phi_{1440}\ \Phi_{480}\ \Phi_{135}\ \Phi_{45}\ \Phi_{15}$
135817	1768	3296	$\frac{1}{16}$	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{15}{32}$	$\Phi_{3296}\ \Phi_{103}\ \Phi_{32}^{2}\ \Phi_{1}^{2}$
135818	1768	2016	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{15}{32}$	$\Phi_{2016}^{2}\ \Phi_{672}^{2}\ \Phi_{288}\ \Phi_{126}\ \Phi_{96}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
135819	1768	225	$\frac{4}{225}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{225}^{8}\ \Phi_{75}^{8}\ \Phi_{45}^{8}\ \Phi_{25}^{8}\ \Phi_{15}^{6}\ \Phi_{9}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
135820	1768	90	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{7}{15}$	$\Phi_{90}^{21}\ \Phi_{45}^{21}\ \Phi_{30}^{21}\ \Phi_{18}^{20}\ \Phi_{15}^{14}\ \Phi_{10}^{21}\ \Phi_{9}^{20}\ \Phi_{6}^{20}\ \Phi_{5}^{14}\ \Phi_{3}^{13}\ \Phi_{2}^{20}\ \Phi_{1}^{14}$
135821	1768	1239	$\frac{1}{59}$	$\frac{29}{413}$	$\frac{1}{3}$	$\frac{192}{413}$	$\Phi_{1239}^{2}\ \Phi_{177}^{3}\ \Phi_{21}^{2}\ \Phi_{3}^{2}$
135822	1768	589	$\frac{30}{589}$	$\frac{43}{589}$	$\frac{79}{589}$	$\frac{273}{589}$	$\Phi_{589}^{3}\ \Phi_{31}^{3}\ \Phi_{19}^{3}\ \Phi_{1}^{4}$
135823	1768	2215	$\frac{14}{443}$	$\frac{33}{443}$	$\frac{1}{5}$	$\frac{205}{443}$	Φ_{2215}
135824	1768	93	$\frac{2}{93}$	$\frac{7}{93}$	$\frac{25}{93}$	$\frac{43}{93}$	$\Phi_{93}^{19}\ \Phi_{31}^{19}\ \Phi_{3}^{19}\ \Phi_{1}^{20}$
135825	1768	885	$\frac{14}{885}$	$\frac{67}{885}$	$\frac{1}{3}$	$\frac{409}{885}$	$\Phi_{885}^{2}\ \Phi_{295}^{2}\ \Phi_{177}^{2}\ \Phi_{59}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
135826	1768	552	$\frac{1}{69}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{552}^{6}\ \Phi_{184}^{6}\ \Phi_{69}^{2}\ \Phi_{24}^{4}\ \Phi_{23}^{2}\ \Phi_{8}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
135827	1768	360	$\frac{1}{45}$	$\frac{1}{12}$	$\frac{11}{45}$	$\frac{11}{24}$	$\Phi_{360}^{9}\ \Phi_{120}^{9}\ \Phi_{72}^{9}\ \Phi_{45}^{3}\ \Phi_{40}^{9}\ \Phi_{24}^{10}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{10}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
135828	1768	840	$\frac{1}{35}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{840}^{4}\ \Phi_{280}^{4}\ \Phi_{168}^{4}\ \Phi_{120}^{3}\ \Phi_{56}^{4}\ \Phi_{40}^{3}\ \Phi_{35}^{4}\ \Phi_{24}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
135829	1768	648	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{13}{81}$	$\frac{11}{24}$	$\Phi_{648}^{6}\ \Phi_{216}^{3}\ \Phi_{81}^{2}\ \Phi_{72}^{3}\ \Phi_{27}\ \Phi_{24}^{4}\ \Phi_{9}\ \Phi_{8}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
135830	1768	1080	$\frac{7}{135}$	$\frac{1}{12}$	$\frac{16}{135}$	$\frac{11}{24}$	$\Phi_{1080}^{3}\ \Phi_{360}^{3}\ \Phi_{216}^{3}\ \Phi_{135}\ \Phi_{120}^{3}\ \Phi_{72}^{3}\ \Phi_{45}\ \Phi_{40}^{3}\ \Phi_{27}\ \Phi_{24}^{4}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
135831	1768	72	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{24}$	$\Phi_{72}^{45}\ \Phi_{24}^{46}\ \Phi_{18}^{8}\ \Phi_{9}^{7}\ \Phi_{8}^{46}\ \Phi_{6}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
135832	1768	600	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{7}{75}$	$\frac{11}{24}$	$\Phi_{600}^{6}\ \Phi_{200}^{6}\ \Phi_{120}^{3}\ \Phi_{75}^{2}\ \Phi_{40}^{3}\ \Phi_{25}^{2}\ \Phi_{24}^{4}\ \Phi_{15}\ \Phi_{8}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
135833	1768	95	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{2}{19}$	$\frac{43}{95}$	$\Phi_{95}^{17}\ \Phi_{19}^{25}\ \Phi_{5}^{17}\ \Phi_{1}^{26}$
135834	1768	31	$\frac{1}{31}$	$\frac{3}{31}$	$\frac{5}{31}$	$\frac{14}{31}$	$\Phi_{31}^{57}\ \Phi_{1}^{58}$
135835	1768	399	$\frac{1}{57}$	$\frac{43}{399}$	$\frac{14}{57}$	$\frac{178}{399}$	$\Phi_{399}^{4}\ \Phi_{133}^{4}\ \Phi_{57}^{7}\ \Phi_{21}^{4}\ \Phi_{19}^{7}\ \Phi_{7}^{4}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
135836	1768	1593	$\frac{2}{177}$	$\frac{175}{1593}$	$\frac{1}{3}$	$\frac{709}{1593}$	$\Phi_{1593}\ \Phi_{531}\ \Phi_{177}^{2}\ \Phi_{59}^{2}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
135837	1768	414	$\frac{1}{69}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{414}^{6}\ \Phi_{207}^{3}\ \Phi_{138}^{6}\ \Phi_{69}^{2}\ \Phi_{46}^{6}\ \Phi_{23}^{2}\ \Phi_{18}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
135838	1768	93	$\frac{5}{93}$	$\frac{8}{93}$	$\frac{11}{93}$	$\frac{41}{93}$	$\Phi_{93}^{19}\ \Phi_{31}^{19}\ \Phi_{3}^{19}\ \Phi_{1}^{20}$
135839	1768	210	$\frac{1}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{210}^{15}\ \Phi_{105}^{2}\ \Phi_{70}^{15}\ \Phi_{42}^{15}\ \Phi_{35}^{2}\ \Phi_{30}^{14}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{15}\ \Phi_{10}^{14}\ \Phi_{7}^{2}\ \Phi_{6}^{14}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{14}\ \Phi_{1}^{2}$
135840	1768	1590	$\frac{1}{53}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{1590}^{2}\ \Phi_{530}^{2}\ \Phi_{318}^{2}\ \Phi_{265}\ \Phi_{106}^{2}$
135841	1768	2310	$\frac{1}{110}$	$\frac{1}{7}$	$\frac{109}{330}$	$\frac{3}{7}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{330}^{2}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}^{2}\ \Phi_{105}\ \Phi_{66}^{2}\ \Phi_{42}\ \Phi_{33}^{2}\ \Phi_{30}^{2}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
135842	1768	224	$\frac{3}{224}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{224}^{8}\ \Phi_{112}^{8}\ \Phi_{56}^{8}\ \Phi_{32}^{8}\ \Phi_{28}^{7}\ \Phi_{16}^{8}\ \Phi_{14}^{7}\ \Phi_{8}^{8}\ \Phi_{7}^{8}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
135843	1768	1575	$\frac{4}{225}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}^{2}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}^{2}\ \Phi_{63}\ \Phi_{45}^{2}\ \Phi_{25}^{2}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
135844	1768	1925	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{54}{275}$	$\frac{3}{7}$	$\Phi_{1925}\ \Phi_{275}^{2}\ \Phi_{175}\ \Phi_{25}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
135845	1768	1113	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{1113}^{2}\ \Phi_{371}\ \Phi_{159}^{2}$
135846	1768	1848	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{43}{264}$	$\frac{3}{7}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{264}^{2}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}^{2}\ \Phi_{88}^{2}\ \Phi_{84}\ \Phi_{66}^{2}\ \Phi_{56}\ \Phi_{42}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
135847	1768	1610	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{322}\ \Phi_{230}^{2}\ \Phi_{161}\ \Phi_{115}^{2}\ \Phi_{46}^{2}\ \Phi_{23}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
135848	1768	231	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{231}^{8}\ \Phi_{77}^{7}\ \Phi_{33}^{8}\ \Phi_{21}^{8}\ \Phi_{11}^{6}\ \Phi_{7}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
135849	1768	1694	$\frac{1}{22}$	$\frac{21}{242}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1694}\ \Phi_{847}\ \Phi_{242}^{2}\ \Phi_{121}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
135850	1768	1680	$\frac{1}{20}$	$\frac{19}{240}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}^{2}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}^{2}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}^{2}\ \Phi_{60}^{2}\ \Phi_{56}\ \Phi_{48}^{2}\ \Phi_{42}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
135851	1768	385	$\frac{3}{55}$	$\frac{4}{55}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{385}^{4}\ \Phi_{77}^{4}\ \Phi_{55}^{8}\ \Phi_{35}^{4}\ \Phi_{11}^{8}\ \Phi_{7}^{5}\ \Phi_{5}^{8}\ \Phi_{1}^{10}$
135852	1768	126	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{126}^{15}\ \Phi_{63}^{15}\ \Phi_{42}^{15}\ \Phi_{21}^{15}\ \Phi_{18}^{14}\ \Phi_{14}^{7}\ \Phi_{9}^{14}\ \Phi_{7}^{8}\ \Phi_{6}^{14}\ \Phi_{3}^{14}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
135853	1768	90	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{19}{45}$	$\Phi_{90}^{21}\ \Phi_{45}^{19}\ \Phi_{30}^{21}\ \Phi_{18}^{20}\ \Phi_{15}^{18}\ \Phi_{10}^{21}\ \Phi_{9}^{18}\ \Phi_{6}^{20}\ \Phi_{5}^{18}\ \Phi_{3}^{17}\ \Phi_{2}^{20}\ \Phi_{1}^{18}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
135854	1768	840	$\frac{1}{105}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{210}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{105}^2\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{40}^3\ \Phi_{35}^2$ $\Phi_{30}^3\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
135855	1768	684	$\frac{7}{228}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{684}^3\ \Phi_{342}^3\ \Phi_{228}^2\ \Phi_{171}^3\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2$ $\Phi_3\ \Phi_2^2\ \Phi_1^2$
135856	1768	372	$\frac{1}{93}$	$\frac{35}{186}$	$\frac{23}{93}$	$\frac{151}{372}$	$\Phi_{372}^8\ \Phi_{124}^8\ \Phi_{93}^3\ \Phi_{31}^3\ \Phi_{12}^8\ \Phi_4^8\ \Phi_3^3\ \Phi_1^4$
135857	1768	57	$\frac{2}{57}$	$\frac{5}{57}$	$\frac{11}{57}$	$\frac{23}{57}$	$\Phi_{57}^{31}\ \Phi_{19}^{31}\ \Phi_3^{31}\ \Phi_1^{32}$
135858	1768	3330	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{36}{185}$	$\frac{149}{370}$	$\Phi_{3330}\ \Phi_{1110}\ \Phi_{666}\ \Phi_{333}\ \Phi_{222}\ \Phi_{111}\ \Phi_{90}\ \Phi_{30}\ \Phi_{18}\ \Phi_6$
135859	1768	1335	$\frac{3}{445}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1335}^2\ \Phi_{267}^2\ \Phi_{15}$
135860	1768	1060	$\frac{1}{53}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1060}^2\ \Phi_{530}^2\ \Phi_{265}\ \Phi_{212}^2\ \Phi_{106}^2$
135861	1768	990	$\frac{3}{55}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}\ \Phi_{66}^2\ \Phi_{45}\ \Phi_{33}^2$ $\Phi_{30}\ \Phi_{22}^2\ \Phi_{15}\ \Phi_{10}$
135862	1768	1484	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{1484}^2\ \Phi_{371}\ \Phi_{212}^2$
135863	1768	228	$\frac{7}{228}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{228}^8\ \Phi_{114}^8\ \Phi_{76}^8\ \Phi_{57}^7\ \Phi_{38}^8\ \Phi_{19}^7\ \Phi_{12}^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
135864	1768	1767	$\frac{64}{1767}$	$\frac{131}{1767}$	$\frac{409}{1767}$	$\frac{679}{1767}$	$\Phi_{1767}\ \Phi_{589}\ \Phi_{93}\ \Phi_{57}\ \Phi_{31}\ \Phi_{19}\ \Phi_3\ \Phi_1^2$
135865	1768	589	$\frac{28}{589}$	$\frac{33}{589}$	$\frac{139}{589}$	$\frac{225}{589}$	$\Phi_{589}^3\ \Phi_{31}^3\ \Phi_{19}^3\ \Phi_1^4$
135866	1768	126	$\frac{1}{21}$	$\frac{1}{18}$	$\frac{5}{21}$	$\frac{8}{21}$	$\Phi_{126}^{15}\ \Phi_{63}^{15}\ \Phi_{42}^{15}\ \Phi_{21}^{10}\ \Phi_{18}^{14}\ \Phi_{14}^{15}\ \Phi_9^{14}\ \Phi_7^{10}\ \Phi_6^{14}\ \Phi_3^9\ \Phi_2^{14}\ \Phi_1^{10}$
135867	1768	1918	$\frac{5}{137}$	$\frac{1}{14}$	$\frac{33}{137}$	$\frac{52}{137}$	$\Phi_{1918}\ \Phi_{959}\ \Phi_{274}$
135868	1768	279	$\frac{1}{93}$	$\frac{58}{279}$	$\frac{23}{93}$	$\frac{35}{93}$	$\Phi_{279}^8\ \Phi_{93}^3\ \Phi_{31}^3\ \Phi_9^8\ \Phi_3^3\ \Phi_1^4$
135869	1768	354	$\frac{1}{177}$	$\frac{44}{177}$	$\frac{1}{3}$	$\frac{133}{354}$	$\Phi_{354}^8\ \Phi_{177}^2\ \Phi_{118}^8\ \Phi_{59}^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
135870	1768	1395	$\frac{1}{93}$	$\frac{92}{465}$	$\frac{373}{1395}$	$\frac{511}{1395}$	$\Phi_{1395}\ \Phi_{465}^2\ \Phi_{279}\ \Phi_{155}^2\ \Phi_{93}\ \Phi_{45}\ \Phi_{31}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
135871	1768	342	$\frac{1}{57}$	$\frac{7}{57}$	$\frac{50}{171}$	$\frac{121}{342}$	$\Phi_{342}^8\ \Phi_{114}^8\ \Phi_{57}^7\ \Phi_{38}^8\ \Phi_{19}^7\ \Phi_{18}^8\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
135872	1768	222	$\frac{1}{222}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{222}^8\ \Phi_{111}^8\ \Phi_{74}^8\ \Phi_{37}^8\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
135873	1768	1323	$\frac{2}{441}$	$\frac{439}{1323}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1323}^2\ \Phi_{189}^2\ \Phi_{27}^2\ \Phi_3\ \Phi_1^2$
135874	1768	294	$\frac{1}{147}$	$\frac{73}{294}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{294}^8\ \Phi_{147}^4\ \Phi_{98}^8\ \Phi_{49}^4\ \Phi_{42}^8\ \Phi_{21}^4\ \Phi_{14}^8\ \Phi_7^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
135875	1768	891	$\frac{7}{891}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{99}^2\ \Phi_{81}^2\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
135876	1768	672	$\frac{3}{224}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^4\ \Phi_{168}^2\ \Phi_{112}^4\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{56}^4\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{32}^4\ \Phi_{28}^4$ $\Phi_{24}^2\ \Phi_{21}\ \Phi_{16}^4\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_8^4\ \Phi_7^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
135877	1768	1029	$\frac{2}{147}$	$\frac{145}{1029}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1029}^2\ \Phi_{343}^2\ \Phi_3\ \Phi_1^2$
135878	1768	345	$\frac{1}{69}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{345}^6\ \Phi_{115}^6\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
135879	1768	252	$\frac{1}{63}$	$\frac{31}{252}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{252}^8\ \Phi_{126}^8\ \Phi_{84}^8\ \Phi_{63}^4\ \Phi_{42}^8\ \Phi_{36}^8\ \Phi_{28}^8\ \Phi_{21}^4\ \Phi_{18}^8\ \Phi_{14}^8\ \Phi_{12}^8\ \Phi_9^4$ $\Phi_7^4\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
135880	1768	225	$\frac{4}{225}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{225}^8\ \Phi_{75}^8\ \Phi_{45}^8\ \Phi_{25}^8\ \Phi_{15}^8\ \Phi_9^4\ \Phi_5^8\ \Phi_3^5\ \Phi_1^6$
135881	1768	735	$\frac{1}{49}$	$\frac{24}{245}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{735}^2\ \Phi_{245}^4\ \Phi_{147}\ \Phi_{105}^2\ \Phi_{49}^2\ \Phi_{35}^4\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
135882	1768	903	$\frac{19}{903}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{903}^2\ \Phi_{301}^2\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_3\ \Phi_1^2$
135883	1768	147	$\frac{4}{147}$	$\frac{11}{147}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{147}^{12}\ \Phi_{49}^{12}\ \Phi_{21}^{12}\ \Phi_7^{12}\ \Phi_3^{13}\ \Phi_1^{14}$
135884	1768	210	$\frac{1}{35}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^7\ \Phi_{105}^6\ \Phi_{70}^{14}\ \Phi_{42}^6\ \Phi_{35}^{12}\ \Phi_{30}^7\ \Phi_{21}^5\ \Phi_{15}^6\ \Phi_{14}^{12}\ \Phi_{10}^{14}\ \Phi_7^{10}\ \Phi_6^6$ $\Phi_5^{12}\ \Phi_3^6\ \Phi_2^{12}\ \Phi_1^{12}$
135885	1768	945	$\frac{2}{63}$	$\frac{61}{945}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
135886	1768	441	$\frac{16}{441}$	$\frac{25}{441}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{441}^4\ \Phi_{147}^4\ \Phi_{63}^4\ \Phi_{49}^4\ \Phi_{21}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_3^5\ \Phi_1^6$
135887	1768	54	$\frac{1}{27}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{54}^{36}\ \Phi_{27}^{32}\ \Phi_{18}^{32}\ \Phi_9^{28}\ \Phi_6^{32}\ \Phi_3^{29}\ \Phi_2^{32}\ \Phi_1^{30}$
135888	1768	231	$\frac{10}{231}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}^8\ \Phi_{77}^8\ \Phi_{33}^8\ \Phi_{21}^4\ \Phi_{11}^8\ \Phi_7^4\ \Phi_3^5\ \Phi_1^6$
135889	1768	330	$\frac{1}{110}$	$\frac{1}{5}$	$\frac{109}{330}$	$\frac{1}{3}$	$\Phi_{330}^4\ \Phi_{165}^4\ \Phi_{110}^8\ \Phi_{66}^4\ \Phi_{55}^8\ \Phi_{33}^4\ \Phi_{30}^4\ \Phi_{22}^8\ \Phi_{15}^5\ \Phi_{11}^8\ \Phi_{10}^8\ \Phi_6^4$ $\Phi_5^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
135890	1768	531	$\frac{2}{177}$	$\frac{89}{531}$	$\frac{175}{531}$	$\frac{1}{3}$	$\Phi_{531}^{3}\ \Phi_{177}^{4}\ \Phi_{59}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
135891	1768	1305	$\frac{14}{435}$	$\frac{1}{15}$	$\frac{421}{1305}$	$\frac{1}{3}$	$\Phi_{1305}^{2}\ \Phi_{261}^{2}\ \Phi_{45}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
135892	1768	306	$\frac{2}{51}$	$\frac{1}{18}$	$\frac{49}{153}$	$\frac{1}{3}$	$\Phi_{306}^{6}\ \Phi_{153}^{5}\ \Phi_{102}^{6}\ \Phi_{51}^{6}\ \Phi_{34}^{6}\ \Phi_{18}^{8}\ \Phi_{17}^{6}\ \Phi_{9}^{7}\ \Phi_{6}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
135893	1768	297	$\frac{1}{27}$	$\frac{2}{33}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{297}^{6}\ \Phi_{99}^{5}\ \Phi_{33}^{6}\ \Phi_{27}^{8}\ \Phi_{11}^{6}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
135894	1768	1272	$\frac{1}{53}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{1272}\ \Phi_{636}\ \Phi_{424}^{2}\ \Phi_{318}\ \Phi_{212}^{2}\ \Phi_{159}^{2}\ \Phi_{106}^{2}\ \Phi_{53}^{2}$
135895	1768	225	$\frac{4}{225}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{225}^{8}\ \Phi_{75}^{8}\ \Phi_{45}^{7}\ \Phi_{25}^{8}\ \Phi_{15}^{8}\ \Phi_{9}^{7}\ \Phi_{5}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
135896	1768	1239	$\frac{1}{59}$	$\frac{58}{413}$	$\frac{355}{1239}$	$\frac{1}{3}$	$\Phi_{1239}\ \Phi_{413}^{2}\ \Phi_{177}^{2}\ \Phi_{59}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
135897	1768	414	$\frac{1}{69}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{414}^{6}\ \Phi_{207}^{6}\ \Phi_{69}^{2}\ \Phi_{23}^{2}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
135898	1768	885	$\frac{3}{295}$	$\frac{73}{295}$	$\frac{74}{295}$	$\frac{1}{3}$	$\Phi_{885}^{3}\ \Phi_{177}^{3}\ \Phi_{15}^{3}\ \Phi_{3}^{2}$
135899	1768	3360	$\frac{3}{224}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{480}\ \Phi_{420}\ \Phi_{240}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{15}$
135900	1768	1104	$\frac{1}{69}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1104}^{2}\ \Phi_{552}^{2}\ \Phi_{368}^{2}\ \Phi_{184}^{2}\ \Phi_{69}^{2}\ \Phi_{48}\ \Phi_{24}\ \Phi_{23}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
135901	1768	3180	$\frac{1}{53}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3180}\ \Phi_{1590}\ \Phi_{795}\ \Phi_{159}$
135902	1768	45	$\frac{1}{45}$	$\frac{2}{15}$	$\frac{11}{45}$	$\frac{1}{3}$	$\Phi_{45}^{39}\ \Phi_{15}^{40}\ \Phi_{9}^{39}\ \Phi_{5}^{40}\ \Phi_{3}^{39}\ \Phi_{1}^{40}$
135903	1768	2814	$\frac{3}{67}$	$\frac{1}{14}$	$\frac{16}{67}$	$\frac{1}{3}$	$\Phi_{2814}\ \Phi_{1407}\ \Phi_{402}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{6}^{2}$
135904	1768	885	$\frac{49}{885}$	$\frac{52}{885}$	$\frac{209}{885}$	$\frac{1}{3}$	$\Phi_{885}^{2}\ \Phi_{295}^{2}\ \Phi_{177}^{2}\ \Phi_{59}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
135905	1768	306	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{306}^{6}\ \Phi_{153}^{6}\ \Phi_{102}^{6}\ \Phi_{51}^{3}\ \Phi_{34}^{6}\ \Phi_{18}^{8}\ \Phi_{17}^{6}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
135906	1768	177	$\frac{8}{177}$	$\frac{13}{177}$	$\frac{41}{177}$	$\frac{1}{3}$	$\Phi_{177}^{10}\ \Phi_{59}^{10}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
135907	1768	594	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{594}^{4}\ \Phi_{297}^{2}\ \Phi_{198}^{4}\ \Phi_{99}^{2}\ \Phi_{66}^{2}\ \Phi_{54}^{4}\ \Phi_{33}\ \Phi_{27}^{4}\ \Phi_{22}^{4}\ \Phi_{18}^{4}\ \Phi_{11}^{2}\ \Phi_{9}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
135908	1768	225	$\frac{4}{225}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{225}^{8}\ \Phi_{75}^{8}\ \Phi_{45}^{8}\ \Phi_{25}^{8}\ \Phi_{15}^{5}\ \Phi_{9}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
135909	1768	825	$\frac{1}{55}$	$\frac{54}{275}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{825}^{4}\ \Phi_{75}^{4}\ \Phi_{15}$
135910	1768	1320	$\frac{1}{44}$	$\frac{43}{264}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1320}^{2}\ \Phi_{660}\ \Phi_{440}^{2}\ \Phi_{330}\ \Phi_{220}^{2}\ \Phi_{165}\ \Phi_{120}^{2}\ \Phi_{110}^{2}\ \Phi_{60}\ \Phi_{55}^{2}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$
135911	1768	105	$\frac{1}{35}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^{16}\ \Phi_{35}^{20}\ \Phi_{21}^{16}\ \Phi_{15}^{13}\ \Phi_{7}^{20}\ \Phi_{5}^{16}\ \Phi_{3}^{12}\ \Phi_{1}^{16}$
135912	1768	495	$\frac{2}{55}$	$\frac{53}{495}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{495}^{4}\ \Phi_{165}^{2}\ \Phi_{99}^{4}\ \Phi_{55}^{4}\ \Phi_{45}^{4}\ \Phi_{33}^{2}\ \Phi_{15}^{3}\ \Phi_{11}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
135913	1768	690	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{690}^{4}\ \Phi_{345}^{4}\ \Phi_{138}^{4}\ \Phi_{69}^{4}\ \Phi_{15}$
135914	1768	1155	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1155}^{2}\ \Phi_{385}^{2}\ \Phi_{165}\ \Phi_{105}^{2}\ \Phi_{55}^{2}\ \Phi_{35}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}$
135915	1768	3630	$\frac{1}{22}$	$\frac{21}{242}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3630}\ \Phi_{1815}\ \Phi_{15}$
135916	1768	240	$\frac{1}{20}$	$\frac{19}{240}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}^{8}\ \Phi_{60}^{4}\ \Phi_{48}^{8}\ \Phi_{40}^{8}\ \Phi_{30}^{4}\ \Phi_{24}^{8}\ \Phi_{20}^{8}\ \Phi_{16}^{8}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{6}^{4}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
135917	1768	165	$\frac{3}{55}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{165}^{16}\ \Phi_{33}^{16}\ \Phi_{15}^{17}\ \Phi_{3}^{16}$
135918	1768	630	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{630}^{4}\ \Phi_{315}^{4}\ \Phi_{210}^{3}\ \Phi_{105}^{3}\ \Phi_{90}^{2}\ \Phi_{70}^{4}\ \Phi_{45}^{2}\ \Phi_{35}^{4}\ \Phi_{30}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$
135919	1768	405	$\frac{1}{27}$	$\frac{2}{15}$	$\frac{13}{81}$	$\frac{1}{3}$	$\Phi_{405}^{6}\ \Phi_{135}^{3}\ \Phi_{81}^{2}\ \Phi_{45}^{3}\ \Phi_{27}\ \Phi_{15}^{4}\ \Phi_{9}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
135920	1768	177	$\frac{3}{59}$	$\frac{7}{59}$	$\frac{8}{59}$	$\frac{1}{3}$	$\Phi_{177}^{15}\ \Phi_{3}^{14}$
135921	1768	135	$\frac{7}{135}$	$\frac{16}{135}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{135}^{13}\ \Phi_{45}^{13}\ \Phi_{27}^{13}\ \Phi_{15}^{14}\ \Phi_{9}^{13}\ \Phi_{5}^{14}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
135922	1768	90	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{90}^{24}\ \Phi_{45}^{21}\ \Phi_{30}^{24}\ \Phi_{18}^{8}\ \Phi_{15}^{22}\ \Phi_{10}^{24}\ \Phi_{9}^{7}\ \Phi_{6}^{8}\ \Phi_{5}^{22}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
135923	1768	945	$\frac{61}{945}$	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{135}\ \Phi_{105}^{2}\ \Phi_{63}^{2}\ \Phi_{45}\ \Phi_{35}^{2}\ \Phi_{27}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
135924	1768	75	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{75}^{26}\ \Phi_{25}^{26}\ \Phi_{15}^{14}\ \Phi_{5}^{14}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
135925	1768	651	$\frac{8}{217}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{209}{651}$	$\Phi_{651}^{4}\ \Phi_{93}^{4}\ \Phi_{31}\ \Phi_{21}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
135926	1768	324	$\frac{5}{108}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{103}{324}$	$\Phi_{324}^{8}\ \Phi_{162}^{8}\ \Phi_{81}^{8}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
135927	1768	133	$\frac{1}{19}$	$\frac{9}{133}$	$\frac{31}{133}$	$\frac{6}{19}$	$\Phi_{133}^{13}\ \Phi_{19}^{15}\ \Phi_{7}^{13}\ \Phi_{1}^{16}$
135928	1768	270	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{31}{135}$	$\frac{14}{45}$	$\Phi_{270}^{9}\ \Phi_{135}^{8}\ \Phi_{90}^{3}\ \Phi_{54}^{9}\ \Phi_{45}^{3}\ \Phi_{30}^{3}\ \Phi_{27}^{8}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
135929	1768	450	$\frac{1}{18}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{75}$	$\Phi_{450}^{4}\ \Phi_{225}^{4}\ \Phi_{150}^{4}\ \Phi_{90}^{5}\ \Phi_{75}^{2}\ \Phi_{50}^{4}\ \Phi_{45}^{5}\ \Phi_{30}^{5}\ \Phi_{25}^{4}\ \Phi_{18}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{5}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
135930	1768	882	$\frac{1}{18}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{147}$	$\Phi_{882}^{2}\ \Phi_{441}^{2}\ \Phi_{294}^{2}\ \Phi_{147}\ \Phi_{126}^{3}\ \Phi_{98}^{2}\ \Phi_{63}^{3}\ \Phi_{49}^{2}\ \Phi_{42}^{3}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{3}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
135931	1768	2472	$\frac{3}{103}$	$\frac{1}{8}$	$\frac{25}{103}$	$\frac{7}{24}$	$\Phi_{2472}\ \Phi_{1236}\ \Phi_{618}\ \Phi_{309}\ \Phi_{103}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
135932	1768	1080	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{270}^{2}\ \Phi_{180}^{2}\ \Phi_{135}^{3}\ \Phi_{120}\ \Phi_{90}^{2}\ \Phi_{60}\ \Phi_{45}^{3}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$
135933	1768	2472	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{2472}\ \Phi_{1236}\ \Phi_{618}\ \Phi_{309}\ \Phi_{103}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
135934	1768	504	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{168}^{2}\ \Phi_{126}^{5}\ \Phi_{84}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{5}\ \Phi_{56}^{4}\ \Phi_{42}^{3}\ \Phi_{36}^{2}\ \Phi_{28}^{4}\ \Phi_{24}\ \Phi_{21}^{3}\ \Phi_{18}^{3}\ \Phi_{14}^{4}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
135935	1768	90	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{11}{45}$	$\frac{5}{18}$	$\Phi_{90}^{18}\ \Phi_{45}^{21}\ \Phi_{30}^{18}\ \Phi_{18}^{19}\ \Phi_{15}^{21}\ \Phi_{10}^{18}\ \Phi_{9}^{22}\ \Phi_{6}^{18}\ \Phi_{5}^{21}\ \Phi_{3}^{21}\ \Phi_{2}^{18}\ \Phi_{1}^{22}$
135936	1768	630	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{630}^{4}\ \Phi_{315}^{4}\ \Phi_{126}^{4}\ \Phi_{90}^{3}\ \Phi_{63}^{4}\ \Phi_{45}^{3}\ \Phi_{35}^{4}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
135937	1768	162	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{162}^{12}\ \Phi_{81}^{14}\ \Phi_{54}^{6}\ \Phi_{27}^{7}\ \Phi_{18}^{7}\ \Phi_{9}^{8}\ \Phi_{6}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
135938	1768	270	$\frac{7}{135}$	$\frac{16}{135}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{270}^{6}\ \Phi_{135}^{7}\ \Phi_{90}^{6}\ \Phi_{54}^{6}\ \Phi_{45}^{7}\ \Phi_{30}^{6}\ \Phi_{27}^{7}\ \Phi_{18}^{7}\ \Phi_{15}^{7}\ \Phi_{10}^{6}\ \Phi_{9}^{8}\ \Phi_{6}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
135939	1768	18	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{18}^{99}\ \Phi_{9}^{98}\ \Phi_{6}^{98}\ \Phi_{3}^{97}\ \Phi_{2}^{98}\ \Phi_{1}^{98}$
135940	1768	450	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{450}^{6}\ \Phi_{225}^{6}\ \Phi_{90}^{3}\ \Phi_{75}^{2}\ \Phi_{45}^{3}\ \Phi_{25}^{2}\ \Phi_{18}^{4}\ \Phi_{15}\ \Phi_{9}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
135941	1768	93	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{25}{93}$	$\Phi_{93}^{26}\ \Phi_{31}^{5}\ \Phi_{3}^{26}\ \Phi_{1}^{6}$
135942	1768	2385	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{2385}\ \Phi_{477}\ \Phi_{265}$
135943	1768	228	$\frac{7}{228}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{228}^{8}\ \Phi_{114}^{8}\ \Phi_{76}^{8}\ \Phi_{57}^{8}\ \Phi_{38}^{8}\ \Phi_{19}^{5}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
135944	1768	465	$\frac{23}{465}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{465}^{4}\ \Phi_{155}^{4}\ \Phi_{93}^{4}\ \Phi_{31}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
135945	1768	589	$\frac{9}{589}$	$\frac{145}{589}$	$\frac{147}{589}$	$\frac{148}{589}$	$\Phi_{589}^{3}\ \Phi_{31}^{3}\ \Phi_{19}^{3}\ \Phi_{1}^{4}$
135946	1768	720	$\frac{1}{45}$	$\frac{3}{16}$	$\frac{11}{45}$	$\frac{1}{4}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{3}\ \Phi_{144}^{3}\ \Phi_{120}^{3}\ \Phi_{80}^{3}\ \Phi_{72}^{3}\ \Phi_{48}^{3}\ \Phi_{45}^{3}\ \Phi_{40}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{4}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
135947	1768	2060	$\frac{3}{103}$	$\frac{3}{20}$	$\frac{25}{103}$	$\frac{1}{4}$	$\Phi_{2060}\ \Phi_{1030}\ \Phi_{515}\ \Phi_{103}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
135948	1768	560	$\frac{1}{35}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{112}^{4}\ \Phi_{80}^{3}\ \Phi_{56}^{4}\ \Phi_{40}^{3}\ \Phi_{35}^{4}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
135949	1768	540	$\frac{1}{27}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{540}^{3}\ \Phi_{270}^{3}\ \Phi_{180}^{3}\ \Phi_{135}^{4}\ \Phi_{108}^{4}\ \Phi_{90}^{3}\ \Phi_{60}^{3}\ \Phi_{54}^{4}\ \Phi_{45}^{4}\ \Phi_{36}^{4}\ \Phi_{30}^{3}\ \Phi_{27}^{4}\ \Phi_{18}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}$
135950	1768	1296	$\frac{1}{27}$	$\frac{13}{81}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1296}^{2}\ \Phi_{648}^{2}\ \Phi_{432}\ \Phi_{216}\ \Phi_{144}\ \Phi_{81}^{2}\ \Phi_{72}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
135951	1768	2160	$\frac{7}{135}$	$\frac{16}{135}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
135952	1768	144	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{144}^{15}\ \Phi_{72}^{15}\ \Phi_{48}^{15}\ \Phi_{24}^{15}\ \Phi_{18}^{8}\ \Phi_{16}^{16}\ \Phi_{9}^{7}\ \Phi_{8}^{16}\ \Phi_{6}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
135953	1768	1200	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1200}^{2}\ \Phi_{600}^{2}\ \Phi_{400}^{2}\ \Phi_{240}\ \Phi_{200}^{2}\ \Phi_{120}\ \Phi_{80}\ \Phi_{75}^{2}\ \Phi_{48}\ \Phi_{40}\ \Phi_{25}^{2}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{15}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
135954	1768	2060	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{2060}\ \Phi_{1030}\ \Phi_{515}\ \Phi_{103}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
135955	1768	1260	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{420}^{2}\ \Phi_{315}^{2}\ \Phi_{210}^{2}\ \Phi_{180}\ \Phi_{126}\ \Phi_{105}^{2}\ \Phi_{90}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
135956	1768	1005	$\frac{3}{67}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{16}{67}$	$\Phi_{1005}^{2}\ \Phi_{335}\ \Phi_{201}^{2}\ \Phi_{67}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
135957	1768	374	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{4}{17}$	$\Phi_{374}^{6}\ \Phi_{187}^{3}\ \Phi_{34}^{6}\ \Phi_{22}^{8}\ \Phi_{17}^{6}\ \Phi_{11}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
135958	1768	288	$\frac{5}{72}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{67}{288}$	$\Phi_{288}^{8}\ \Phi_{144}^{8}\ \Phi_{96}^{8}\ \Phi_{48}^{8}\ \Phi_{32}^{8}\ \Phi_{18}^{3}\ \Phi_{16}^{8}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
135959	1768	770	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{22}$	$\Phi_{770}^{3}\ \Phi_{385}^{3}\ \Phi_{110}\ \Phi_{70}^{4}\ \Phi_{55}^{2}\ \Phi_{35}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
135960	1768	248	$\frac{3}{31}$	$\frac{27}{248}$	$\frac{4}{31}$	$\frac{7}{31}$	$\Phi_{248}^{8}\ \Phi_{124}^{8}\ \Phi_{62}^{8}\ \Phi_{31}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
135961	1768	720	$\frac{19}{240}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{2}\ \Phi_{180}^{3}\ \Phi_{144}^{3}\ \Phi_{120}^{2}\ \Phi_{90}^{3}\ \Phi_{80}^{2}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{45}^{3}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{3}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
135962	1768	90	$\frac{1}{18}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{90}^{21}\ \Phi_{45}^{21}\ \Phi_{30}^{21}\ \Phi_{18}^{20}\ \Phi_{15}^{13}\ \Phi_{10}^{21}\ \Phi_{9}^{20}\ \Phi_{6}^{20}\ \Phi_{5}^{16}\ \Phi_{3}^{12}\ \Phi_{2}^{20}\ \Phi_{1}^{16}$
135963	1768	2250	$\frac{1}{18}$	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{750}\ \Phi_{375}\ \Phi_{250}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
135964	1768	270	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{49}{270}$	$\Phi_{270}^{8}\ \Phi_{135}^{8}\ \Phi_{90}^{8}\ \Phi_{45}^{8}\ \Phi_{30}^{8}\ \Phi_{18}^{3}\ \Phi_{15}^{8}\ \Phi_{10}^{8}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{8}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
135965	1768	252	$\frac{1}{9}$	$\frac{31}{252}$	$\frac{5}{36}$	$\frac{1}{6}$	$\Phi_{252}^{8}\ \Phi_{126}^{8}\ \Phi_{84}^{8}\ \Phi_{63}^{8}\ \Phi_{42}^{8}\ \Phi_{28}^{8}\ \Phi_{21}^{8}\ \Phi_{18}^{3}\ \Phi_{14}^{8}\ \Phi_{9}^{2}\ \Phi_{7}^{8}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
135966	1769	3520	$\frac{9}{1760}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1751}{3520}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{64}\ \Phi_{16}\ \Phi_{1}$
135967	1769	3264	$\frac{1}{136}$	$\frac{137}{1632}$	$\frac{1495}{3264}$	$\frac{135}{272}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{272}\ \Phi_{192}\ \Phi_{64}\ \Phi_{16}\ \Phi_{1}$
135968	1769	2448	$\frac{1}{136}$	$\frac{137}{816}$	$\frac{679}{2448}$	$\frac{135}{272}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{272}\ \Phi_{153}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
135969	1769	2176	$\frac{1}{136}$	$\frac{407}{2176}$	$\frac{137}{544}$	$\frac{135}{272}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{272}\ \Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_{1}$
135970	1769	3328	$\frac{1}{104}$	$\frac{105}{1664}$	$\frac{1559}{3328}$	$\frac{103}{208}$	$\Phi_{3328}\ \Phi_{256}\ \Phi_{208}\ \Phi_{16}\ \Phi_{1}$
135971	1769	2496	$\frac{1}{104}$	$\frac{105}{832}$	$\frac{727}{2496}$	$\frac{103}{208}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{192}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
135972	1769	2080	$\frac{1}{104}$	$\frac{311}{2080}$	$\frac{105}{416}$	$\frac{103}{208}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}\ \Phi_{160}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
135973	1769	3504	$\frac{17}{1752}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1735}{3504}$	$\Phi_{3504}\ \Phi_{1168}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
135974	1769	2368	$\frac{7}{592}$	$\frac{1}{8}$	$\frac{599}{2368}$	$\frac{585}{1184}$	$\Phi_{2368}\ \Phi_{592}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}\ \Phi_{64}\ \Phi_{37}\ \Phi_{16}\ \Phi_{1}$
135975	1769	840	$\frac{1}{60}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{59}{120}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{120}\ \Phi_{105}^{4}\ \Phi_{84}^{4}\ \Phi_{70}^{4}\ \Phi_{60}^{4}\ \Phi_{56}\ \Phi_{42}^{4}\ \Phi_{40}\ \Phi_{35}^{4}\ \Phi_{30}^{4}\ \Phi_{28}^{4}\ \Phi_{24}\ \Phi_{21}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{2}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
135976	1769	840	$\frac{1}{60}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{59}{120}$	$\Phi_{840}^{4}\ \Phi_{280}^{4}\ \Phi_{168}^{4}\ \Phi_{120}^{5}\ \Phi_{56}^{4}\ \Phi_{42}\ \Phi_{40}^{5}\ \Phi_{24}^{5}\ \Phi_{21}\ \Phi_{8}^{5}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
135977	1769	480	$\frac{1}{60}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{59}{120}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{4}\ \Phi_{120}\ \Phi_{96}^{4}\ \Phi_{80}^{4}\ \Phi_{60}^{4}\ \Phi_{48}^{4}\ \Phi_{40}\ \Phi_{32}^{5}\ \Phi_{30}^{4}\ \Phi_{24}\ \Phi_{20}^{4}\ \Phi_{16}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
135978	1769	840	$\frac{1}{60}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{59}{120}$	$\Phi_{840}^{4}\ \Phi_{280}^{4}\ \Phi_{168}^{4}\ \Phi_{120}^{5}\ \Phi_{56}^{4}\ \Phi_{40}^{5}\ \Phi_{35}\ \Phi_{24}^{5}\ \Phi_{8}^{5}\ \Phi_{5}\ \Phi_{1}$
135979	1769	3468	$\frac{35}{1734}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1699}{3468}$	$\Phi_{3468}\ \Phi_{1156}\ \Phi_{204}\ \Phi_{68}\ \Phi_{51}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
135980	1769	3456	$\frac{41}{1728}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1687}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
135981	1769	2380	$\frac{16}{595}$	$\frac{1}{17}$	$\frac{611}{2380}$	$\frac{579}{1190}$	$\Phi_{2380}\ \Phi_{595}\ \Phi_{476}\ \Phi_{340}\ \Phi_{140}\ \Phi_{119}\ \Phi_{85}\ \Phi_{68}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
135982	1769	3432	$\frac{53}{1716}$	$\frac{1}{26}$	$\frac{25}{78}$	$\frac{1663}{3432}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{264}\ \Phi_{104}\ \Phi_{88}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
135983	1769	504	$\frac{2}{63}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{504}^{7}\ \Phi_{168}^{6}\ \Phi_{72}^{7}\ \Phi_{63}\ \Phi_{56}^{7}\ \Phi_{24}^{6}\ \Phi_{21}\ \Phi_{9}\ \Phi_{8}^{7}\ \Phi_{7}\ \Phi_{1}$
135984	1769	2520	$\frac{1}{30}$	$\frac{1}{28}$	$\frac{29}{90}$	$\frac{27}{56}$	$\Phi_{2520}^{2}\ \Phi_{504}^{2}\ \Phi_{360}^{2}\ \Phi_{90}\ \Phi_{72}^{2}\ \Phi_{56}\ \Phi_{45}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
135985	1769	448	$\frac{1}{28}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{448}^{4}\ \Phi_{224}^{4}\ \Phi_{112}^{4}\ \Phi_{64}^{5}\ \Phi_{56}\ \Phi_{32}^{5}\ \Phi_{28}^{4}\ \Phi_{16}^{5}\ \Phi_{14}^{4}\ \Phi_{8}^{2}\ \Phi_{7}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
135986	1769	560	$\frac{1}{28}$	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{27}{56}$	$\Phi_{560}^{4}\ \Phi_{140}^{4}\ \Phi_{112}^{4}\ \Phi_{80}^{5}\ \Phi_{70}^{4}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}^{4}\ \Phi_{28}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{5}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{2}\ \Phi_{7}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
135987	1769	3640	$\frac{1}{28}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{27}{56}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{104}\ \Phi_{65}\ \Phi_{56}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
135988	1769	4200	$\frac{1}{28}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{27}{56}$	$\Phi_{4200}\ \Phi_{1400}\ \Phi_{600}\ \Phi_{200}\ \Phi_{75}\ \Phi_{56}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
135989	1769	1848	$\frac{1}{28}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{27}{56}$	$\Phi_{1848}^{2}\ \Phi_{616}^{2}\ \Phi_{264}^{2}\ \Phi_{88}^{2}\ \Phi_{66}\ \Phi_{56}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
135990	1769	504	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{27}{56}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{126}^{4}\ \Phi_{84}^{4}\ \Phi_{72}^{5}\ \Phi_{63}^{4}\ \Phi_{56}\ \Phi_{42}^{4}\ \Phi_{36}^{5}\ \Phi_{28}^{4}\ \Phi_{24}\ \Phi_{21}^{4}\ \Phi_{18}^{5}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{5}\ \Phi_{8}^{2}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
135991	1769	280	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{27}{56}$	$\Phi_{280}^{12}\ \Phi_{70}\ \Phi_{56}^{13}\ \Phi_{40}^{12}\ \Phi_{35}\ \Phi_{14}\ \Phi_{8}^{13}\ \Phi_{7}\ \Phi_{1}$
135992	1769	3400	$\frac{69}{1700}$	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{1631}{3400}$	$\Phi_{3400}\ \Phi_{680}\ \Phi_{200}\ \Phi_{136}\ \Phi_{85}\ \Phi_{40}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
135993	1769	2392	$\frac{1}{26}$	$\frac{25}{598}$	$\frac{623}{2392}$	$\frac{573}{1196}$	$\Phi_{2392}\ \Phi_{598}\ \Phi_{299}\ \Phi_{184}\ \Phi_{104}\ \Phi_{46}\ \Phi_{23}\ \Phi_{8}\ \Phi_{1}$
135994	1769	2142	$\frac{16}{357}$	$\frac{1}{17}$	$\frac{373}{2142}$	$\frac{341}{714}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{357}\ \Phi_{306}\ \Phi_{153}\ \Phi_{126}\ \Phi_{119}\ \Phi_{63}\ \Phi_{51}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
135995	1769	3332	$\frac{1}{17}$	$\frac{103}{1666}$	$\frac{16}{119}$	$\frac{1563}{3332}$	$\Phi_{3332}\ \Phi_{476}\ \Phi_{196}\ \Phi_{119}\ \Phi_{68}\ \Phi_{28}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
135996	1769	2040	$\frac{1}{17}$	$\frac{16}{255}$	$\frac{271}{2040}$	$\frac{239}{510}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
135997	1769	1674	$\frac{1}{62}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1674}\ \Phi_{837}\ \Phi_{558}\ \Phi_{279}\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{62}\ \Phi_{31}\ \Phi_{27}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
135998	1769	65	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{7}{65}$	$\frac{6}{13}$	$\Phi_{65}^{27}\ \Phi_{13}^{28}\ \Phi_{5}^{27}\ \Phi_{1}^{29}$
135999	1769	3264	$\frac{1}{68}$	$\frac{137}{1632}$	$\frac{67}{204}$	$\frac{1495}{3264}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{204}\ \Phi_{192}\ \Phi_{102}\ \Phi_{64}\ \Phi_{51}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
136000	1769	1240	$\frac{1}{62}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1240}^2\ \Phi_{310}^2\ \Phi_{248}^2\ \Phi_{155}^2\ \Phi_{62}\ \Phi_{40}\ \Phi_{31}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
136001	1769	2448	$\frac{1}{68}$	$\frac{67}{612}$	$\frac{679}{2448}$	$\frac{545}{1224}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{612}\ \Phi_{306}\ \Phi_{272}\ \Phi_{204}\ \Phi_{153}\ \Phi_{144}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
136002	1769	260	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{52}$	$\Phi_{260}^{13}\ \Phi_{65}^{3}\ \Phi_{52}^{9}\ \Phi_{20}^{13}\ \Phi_{13}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{9}\ \Phi_{1}^{3}$
136003	1769	2640	$\frac{9}{880}$	$\frac{1}{8}$	$\frac{871}{2640}$	$\frac{7}{16}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{48}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
136004	1769	1792	$\frac{23}{1792}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
136005	1769	2112	$\frac{9}{352}$	$\frac{1}{8}$	$\frac{343}{2112}$	$\frac{7}{16}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{64}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
136006	1769	1840	$\frac{71}{1840}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{368}\ \Phi_{230}\ \Phi_{184}\ \Phi_{115}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_{1}$
136007	1769	1936	$\frac{9}{176}$	$\frac{167}{1936}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{121}\ \Phi_{16}\ \Phi_{1}$
136008	1769	1920	$\frac{9}{160}$	$\frac{151}{1920}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
136009	1769	3120	$\frac{1}{104}$	$\frac{209}{1560}$	$\frac{103}{312}$	$\frac{1351}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{312}\ \Phi_{240}\ \Phi_{208}\ \Phi_{156}\ \Phi_{80}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
136010	1769	3120	$\frac{1}{52}$	$\frac{209}{1560}$	$\frac{51}{260}$	$\frac{1351}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{260}\ \Phi_{240}\ \Phi_{208}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{48}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
136011	1769	1904	$\frac{1}{17}$	$\frac{135}{1904}$	$\frac{16}{119}$	$\frac{103}{238}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{272}\ \Phi_{136}\ \Phi_{119}\ \Phi_{112}\ \Phi_{68}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
136012	1769	2184	$\frac{1}{52}$	$\frac{51}{364}$	$\frac{415}{2184}$	$\frac{313}{728}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{312}\ \Phi_{273}\ \Phi_{182}\ \Phi_{168}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
136013	1769	1824	$\frac{55}{1824}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
136014	1769	3060	$\frac{1}{17}$	$\frac{16}{255}$	$\frac{239}{1530}$	$\frac{1291}{3060}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{180}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
136015	1769	1550	$\frac{1}{62}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1550}\ \Phi_{775}\ \Phi_{310}^2\ \Phi_{155}^2\ \Phi_{62}\ \Phi_{31}\ \Phi_{25}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
136016	1769	2496	$\frac{1}{104}$	$\frac{103}{624}$	$\frac{727}{2496}$	$\frac{521}{1248}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{192}\ \Phi_{156}\ \Phi_{78}\ \Phi_{64}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
136017	1769	1116	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{279}^2\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{62}\ \Phi_{36}\ \Phi_{31}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
136018	1769	1870	$\frac{101}{1870}$	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{69}{170}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{374}\ \Phi_{187}\ \Phi_{110}\ \Phi_{85}\ \Phi_{55}\ \Phi_{22}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}$
136019	1769	2960	$\frac{7}{296}$	$\frac{1}{8}$	$\frac{289}{1480}$	$\frac{1191}{2960}$	$\Phi_{2960}\ \Phi_{592}\ \Phi_{296}\ \Phi_{148}\ \Phi_{80}\ \Phi_{74}\ \Phi_{37}\ \Phi_{16}\ \Phi_{1}$
136020	1769	2080	$\frac{1}{52}$	$\frac{311}{2080}$	$\frac{51}{260}$	$\frac{209}{520}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{416}\ \Phi_{260}\ \Phi_{208}\ \Phi_{160}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
136021	1769	1488	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1488}^2\ \Phi_{496}^2\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{62}\ \Phi_{48}\ \Phi_{31}\ \Phi_{16}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
136022	1769	2912	$\frac{1}{52}$	$\frac{51}{364}$	$\frac{313}{1456}$	$\frac{1143}{2912}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{364}\ \Phi_{224}\ \Phi_{182}\ \Phi_{91}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
136023	1769	2856	$\frac{16}{357}$	$\frac{1}{17}$	$\frac{341}{1428}$	$\frac{1087}{2856}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{357}\ \Phi_{168}\ \Phi_{136}\ \Phi_{119}\ \Phi_{56}\ \Phi_{51}\ \Phi_{24}\ \Phi_{21}\ \Phi_{8}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
136024	1769	1836	$\frac{67}{1836}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{108}\ \Phi_{68}\ \Phi_{54}\ \Phi_{51}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
136025	1769	1872	$\frac{1}{26}$	$\frac{103}{1872}$	$\frac{25}{78}$	$\frac{53}{156}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
136026	1769	2040	$\frac{1}{68}$	$\frac{271}{2040}$	$\frac{67}{204}$	$\frac{137}{408}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{120}\ \Phi_{102}\ \Phi_{85}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
136027	1769	2652	$\frac{1}{221}$	$\frac{220}{663}$	$\frac{883}{2652}$	$\frac{443}{1326}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{663}\ \Phi_{204}\ \Phi_{156}\ \Phi_{68}\ \Phi_{52}\ \Phi_{51}\ \Phi_{39}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
136028	1769	126	$\frac{2}{63}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{126}^{14}\ \Phi_{63}^{15}\ \Phi_{42}^{13}\ \Phi_{21}^{14}\ \Phi_{18}^{14}\ \Phi_{14}^{12}\ \Phi_{9}^{15}\ \Phi_{7}^{13}\ \Phi_{6}^{13}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
136029	1769	2016	$\frac{2}{63}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{32}\ \Phi_{21}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
136030	1769	1116	$\frac{1}{62}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1116}^{2}\ \Phi_{558}\ \Phi_{372}^{2}\ \Phi_{279}\ \Phi_{186}^{2}\ \Phi_{124}^{2}\ \Phi_{93}^{2}\ \Phi_{62}\ \Phi_{36}\ \Phi_{31}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
136031	1769	315	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{315}^{7}\ \Phi_{105}^{6}\ \Phi_{63}\ \Phi_{45}^{7}\ \Phi_{35}^{7}\ \Phi_{21}\ \Phi_{15}^{6}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}^{7}\ \Phi_{1}$
136032	1769	2448	$\frac{1}{68}$	$\frac{137}{816}$	$\frac{679}{2448}$	$\frac{67}{204}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{144}\ \Phi_{102}\ \Phi_{72}\ \Phi_{51}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
136033	1769	630	$\frac{1}{30}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{90}$	$\Phi_{630}^{4}\ \Phi_{315}^{4}\ \Phi_{126}^{4}\ \Phi_{90}^{5}\ \Phi_{63}^{4}\ \Phi_{45}^{5}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
136034	1769	1440	$\frac{1}{30}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{90}$	$\Phi_{1440}^{2}\ \Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{288}^{2}\ \Phi_{144}^{2}\ \Phi_{90}\ \Phi_{72}^{2}\ \Phi_{45}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
136035	1769	630	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{90}$	$\Phi_{630}^{4}\ \Phi_{315}^{4}\ \Phi_{126}^{4}\ \Phi_{90}^{5}\ \Phi_{63}^{4}\ \Phi_{45}^{5}\ \Phi_{35}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{5}\ \Phi_{1}$
136036	1769	2574	$\frac{1}{26}$	$\frac{53}{858}$	$\frac{805}{2574}$	$\frac{25}{78}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{234}\ \Phi_{198}\ \Phi_{117}\ \Phi_{99}\ \Phi_{78}\ \Phi_{39}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
136037	1769	2601	$\frac{35}{867}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{832}{2601}$	$\Phi_{2601}\ \Phi_{153}\ \Phi_{51}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
136038	1769	2592	$\frac{41}{864}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{823}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
136039	1769	2295	$\frac{1}{17}$	$\frac{16}{255}$	$\frac{526}{2295}$	$\frac{239}{765}$	$\Phi_{2295}\ \Phi_{459}\ \Phi_{255}\ \Phi_{135}\ \Phi_{85}\ \Phi_{51}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
136040	1769	1344	$\frac{3}{64}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{1344}^{2}\ \Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{192}^{2}\ \Phi_{168}^{2}\ \Phi_{96}^{2}\ \Phi_{64}\ \Phi_{48}^{2}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{16}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
136041	1769	1680	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{19}{80}$	$\frac{13}{42}$	$\Phi_{1680}^{2}\ \Phi_{840}^{2}\ \Phi_{336}^{2}\ \Phi_{240}^{2}\ \Phi_{168}^{2}\ \Phi_{120}^{2}\ \Phi_{80}\ \Phi_{48}^{2}\ \Phi_{42}\ \Phi_{40}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{16}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
136042	1769	2730	$\frac{4}{65}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{273}\ \Phi_{195}\ \Phi_{78}\ \Phi_{65}\ \Phi_{42}\ \Phi_{39}\ \Phi_{21}\ \Phi_{13}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
136043	1769	1050	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{14}{75}$	$\frac{13}{42}$	$\Phi_{1050}^{2}\ \Phi_{525}^{2}\ \Phi_{350}^{2}\ \Phi_{175}^{2}\ \Phi_{150}^{2}\ \Phi_{75}^{3}\ \Phi_{50}^{2}\ \Phi_{42}\ \Phi_{25}^{3}\ \Phi_{21}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
136044	1769	462	$\frac{1}{14}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{13}{42}$	$\Phi_{462}^{4}\ \Phi_{231}^{4}\ \Phi_{154}^{4}\ \Phi_{77}^{4}\ \Phi_{66}^{5}\ \Phi_{42}\ \Phi_{33}^{5}\ \Phi_{22}^{5}\ \Phi_{21}\ \Phi_{11}^{5}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
136045	1769	504	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{13}{42}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{168}^{4}\ \Phi_{126}^{4}\ \Phi_{72}^{5}\ \Phi_{63}^{4}\ \Phi_{56}^{4}\ \Phi_{42}\ \Phi_{36}^{5}\ \Phi_{24}^{5}\ \Phi_{21}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
136046	1769	210	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{13}{42}$	$\Phi_{210}^{12}\ \Phi_{105}^{12}\ \Phi_{70}\ \Phi_{42}^{13}\ \Phi_{35}\ \Phi_{30}^{12}\ \Phi_{21}^{13}\ \Phi_{15}^{12}\ \Phi_{14}\ \Phi_{7}\ \Phi_{6}^{13}\ \Phi_{3}^{13}\ \Phi_{1}$
136047	1769	2550	$\frac{1}{17}$	$\frac{69}{850}$	$\frac{16}{85}$	$\frac{781}{2550}$	$\Phi_{2550}\ \Phi_{1275}\ \Phi_{510}\ \Phi_{255}\ \Phi_{150}\ \Phi_{102}\ \Phi_{85}\ \Phi_{75}\ \Phi_{51}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
136048	1769	2499	$\frac{1}{17}$	$\frac{103}{833}$	$\frac{16}{119}$	$\frac{730}{2499}$	$\Phi_{2499}\ \Phi_{357}\ \Phi_{147}\ \Phi_{119}\ \Phi_{51}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
136049	1769	1872	$\frac{103}{1872}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{144}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
136050	1769	2340	$\frac{1}{52}$	$\frac{51}{260}$	$\frac{571}{2340}$	$\frac{209}{780}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{260}\ \Phi_{234}\ \Phi_{180}\ \Phi_{130}\ \Phi_{117}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
136051	1769	195	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{10}{39}$	$\Phi_{195}^{13}\ \Phi_{65}^{3}\ \Phi_{39}^{9}\ \Phi_{15}^{13}\ \Phi_{13}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{9}\ \Phi_{1}^{3}$
136052	1769	64	$\frac{3}{64}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{64}^{29}\ \Phi_{32}^{26}\ \Phi_{16}^{26}\ \Phi_{8}^{26}\ \Phi_{4}^{28}\ \Phi_{2}^{28}\ \Phi_{1}^{29}$
136053	1769	160	$\frac{1}{20}$	$\frac{3}{32}$	$\frac{19}{80}$	$\frac{1}{4}$	$\Phi_{160}^{12}\ \Phi_{80}^{9}\ \Phi_{40}^{9}\ \Phi_{32}^{13}\ \Phi_{20}^{12}\ \Phi_{16}^{10}\ \Phi_{10}^{12}\ \Phi_{8}^{10}\ \Phi_{5}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
136054	1769	448	$\frac{3}{64}$	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{448}^{4}\ \Phi_{224}^{4}\ \Phi_{112}^{3}\ \Phi_{64}^{5}\ \Phi_{56}^{3}\ \Phi_{32}^{5}\ \Phi_{28}^{4}\ \Phi_{16}^{4}\ \Phi_{14}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
136055	1769	2080	$\frac{4}{65}$	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{65}\ \Phi_{32}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
136056	1769	2400	$\frac{1}{15}$	$\frac{3}{32}$	$\frac{14}{75}$	$\frac{1}{4}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{200}\ \Phi_{75}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
136057	1769	2240	$\frac{3}{64}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{320}\ \Phi_{280}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
136058	1769	1056	$\frac{5}{66}$	$\frac{3}{32}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
136059	1769	288	$\frac{1}{12}$	$\frac{3}{32}$	$\frac{11}{72}$	$\frac{1}{4}$	$\Phi_{288}^8\ \Phi_{144}^8\ \Phi_{96}^4\ \Phi_{72}^5\ \Phi_{48}^4\ \Phi_{36}^5\ \Phi_{32}^5\ \Phi_{24}\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_{9}^5\ \Phi_{8}^2\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
136060	1769	1120	$\frac{3}{32}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{4}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{280}^2\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{35}\ \Phi_{32}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
136061	1769	560	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{19}{80}$	$\Phi_{560}^4\ \Phi_{280}^4\ \Phi_{112}^4\ \Phi_{80}^5\ \Phi_{56}^4\ \Phi_{40}^5\ \Phi_{35}\ \Phi_{16}^5\ \Phi_{8}^5\ \Phi_{5}\ \Phi_{1}$
136062	1769	2304	$\frac{41}{576}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{535}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
136063	1769	1920	$\frac{151}{1920}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{192}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
136064	1769	2040	$\frac{1}{17}$	$\frac{271}{2040}$	$\frac{16}{85}$	$\frac{69}{340}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}\ \Phi_{102}\ \Phi_{85}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
136065	1769	455	$\frac{4}{65}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{455}^4\ \Phi_{91}^4\ \Phi_{65}^5\ \Phi_{35}\ \Phi_{13}^5\ \Phi_{5}\ \Phi_{1}$
136066	1769	2125	$\frac{1}{17}$	$\frac{69}{425}$	$\frac{356}{2125}$	$\frac{16}{85}$	$\Phi_{2125}\ \Phi_{125}\ \Phi_{85}\ \Phi_{5}\ \Phi_{1}$
136067	1769	525	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{14}{75}$	$\Phi_{525}^4\ \Phi_{175}^4\ \Phi_{75}^5\ \Phi_{35}\ \Phi_{25}^5\ \Phi_{5}\ \Phi_{1}$
136068	1769	2160	$\frac{41}{432}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{391}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
136069	1769	68	$\frac{7}{68}$	$\frac{2}{17}$	$\frac{5}{34}$	$\frac{3}{17}$	$\Phi_{68}^{29}\ \Phi_{34}^{22}\ \Phi_{17}^{24}\ \Phi_{4}^{29}\ \Phi_{2}^{22}\ \Phi_{1}^{25}$
136070	1769	2310	$\frac{5}{66}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{35}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{35}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}$
136071	1769	2520	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{72}$	$\frac{6}{35}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{35}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
136072	1769	70	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{70}^{25}\ \Phi_{35}^{26}\ \Phi_{14}^{25}\ \Phi_{10}^{24}\ \Phi_{7}^{25}\ \Phi_{5}^{25}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
136073	1769	2016	$\frac{247}{2016}$	$\frac{1}{8}$	$\frac{41}{288}$	$\frac{7}{48}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
136074	1770	2824	$\frac{1}{353}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{176}{353}$	$\Phi_{2824}\ \Phi_{353}\ \Phi_{8}^2\ \Phi_{1}^2$
136075	1770	2940	$\frac{1}{294}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{293}{588}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}^2\ \Phi_{420}\ \Phi_{196}^2\ \Phi_{140}\ \Phi_{84}^2\ \Phi_{60}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
136076	1770	588	$\frac{1}{294}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{293}{588}$	$\Phi_{588}^2\ \Phi_{294}^4\ \Phi_{196}^2\ \Phi_{147}^4\ \Phi_{98}^4\ \Phi_{84}^2\ \Phi_{49}^4\ \Phi_{42}^4\ \Phi_{28}^2\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_{7}^4\ \Phi_{6}^5\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
136077	1770	788	$\frac{1}{197}$	$\frac{1}{4}$	$\frac{99}{394}$	$\frac{98}{197}$	$\Phi_{788}^3\ \Phi_{394}\ \Phi_{197}^2\ \Phi_{4}^2\ \Phi_{1}^2$
136078	1770	3168	$\frac{1}{176}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{175}{352}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}^2\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}^2\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
136079	1770	1056	$\frac{1}{176}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{175}{352}$	$\Phi_{1056}^3\ \Phi_{352}^4\ \Phi_{96}^3\ \Phi_{32}^4\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
136080	1770	3276	$\frac{1}{117}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{58}{117}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}\ \Phi_{156}\ \Phi_{117}\ \Phi_{84}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{13}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
136081	1770	819	$\frac{1}{117}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{58}{117}$	$\Phi_{819}^2\ \Phi_{273}^2\ \Phi_{117}^3\ \Phi_{91}^2\ \Phi_{63}^2\ \Phi_{39}^3\ \Phi_{21}^2\ \Phi_{13}^3\ \Phi_{9}^3\ \Phi_{7}^4\ \Phi_{3}^3\ \Phi_{1}^6$
136082	1770	468	$\frac{1}{117}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{58}{117}$	$\Phi_{468}^5\ \Phi_{234}^2\ \Phi_{156}^5\ \Phi_{117}^3\ \Phi_{78}^2\ \Phi_{52}^5\ \Phi_{39}^3\ \Phi_{36}^5\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^3\ \Phi_{12}^7\ \Phi_{9}^3\ \Phi_{6}^3\ \Phi_{4}^6\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
136083	1770	4088	$\frac{3}{292}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{289}{584}$	$\Phi_{4088}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
136084	1770	1050	$\frac{2}{175}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{173}{350}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_{10}\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^2$
136085	1770	1769	$\frac{21}{1769}$	$\frac{179}{1769}$	$\frac{530}{1769}$	$\frac{874}{1769}$	$\Phi_{1769}\ \Phi_{61}\ \Phi_{29}\ \Phi_{1}^2$
136086	1770	426	$\frac{1}{71}$	$\frac{1}{6}$	$\frac{12}{71}$	$\frac{35}{71}$	$\Phi_{426}^5\ \Phi_{213}^5\ \Phi_{142}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
136087	1770	1769	$\frac{25}{1769}$	$\frac{294}{1769}$	$\frac{299}{1769}$	$\frac{872}{1769}$	$\Phi_{1769}\ \Phi_{61}\ \Phi_{29}\ \Phi_{1}^{2}$
136088	1770	788	$\frac{3}{197}$	$\frac{20}{197}$	$\frac{1}{4}$	$\frac{97}{197}$	$\Phi_{788}^{3}\ \Phi_{394}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
136089	1770	1708	$\frac{1}{61}$	$\frac{31}{854}$	$\frac{823}{1708}$	$\frac{30}{61}$	$\Phi_{1708}^{2}\ \Phi_{244}^{2}\ \Phi_{61}\ \Phi_{28}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
136090	1770	427	$\frac{1}{61}$	$\frac{31}{427}$	$\frac{132}{427}$	$\frac{30}{61}$	$\Phi_{427}^{4}\ \Phi_{61}^{5}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
136091	1770	976	$\frac{1}{61}$	$\frac{91}{976}$	$\frac{31}{122}$	$\frac{30}{61}$	$\Phi_{976}^{2}\ \Phi_{488}^{2}\ \Phi_{244}^{2}\ \Phi_{61}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
136092	1770	116	$\frac{1}{58}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{57}{116}$	$\Phi_{116}^{30}\ \Phi_{29}\ \Phi_{4}^{30}\ \Phi_{1}^{2}$
136093	1770	1392	$\frac{1}{58}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{57}{116}$	$\Phi_{1392}^{2}\ \Phi_{696}^{2}\ \Phi_{348}\ \Phi_{174}^{2}\ \Phi_{87}^{2}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
136094	1770	116	$\frac{1}{58}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{57}{116}$	$\Phi_{116}^{30}\ \Phi_{29}\ \Phi_{4}^{30}\ \Phi_{1}^{2}$
136095	1770	1276	$\frac{1}{58}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{57}{116}$	$\Phi_{1276}\ \Phi_{638}^{2}\ \Phi_{319}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{3}\ \Phi_{11}^{2}$
136096	1770	116	$\frac{1}{58}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{57}{116}$	$\Phi_{116}^{30}\ \Phi_{29}\ \Phi_{4}^{30}\ \Phi_{1}^{2}$
136097	1770	2436	$\frac{1}{58}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{57}{116}$	$\Phi_{2436}^{2}\ \Phi_{812}\ \Phi_{84}^{2}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
136098	1770	4032	$\frac{7}{288}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{281}{576}$	$\Phi_{4032}\ \Phi_{1344}\ \Phi_{448}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
136099	1770	87	$\frac{1}{29}$	$\frac{1}{29}$	$\frac{28}{87}$	$\frac{14}{29}$	$\Phi_{87}^{30}\ \Phi_{29}\ \Phi_{3}^{30}\ \Phi_{1}^{2}$
136100	1770	928	$\frac{1}{29}$	$\frac{43}{928}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{928}^{2}\ \Phi_{464}^{2}\ \Phi_{232}^{2}\ \Phi_{116}^{2}\ \Phi_{32}^{2}\ \Phi_{29}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
136101	1770	232	$\frac{1}{29}$	$\frac{3}{58}$	$\frac{55}{232}$	$\frac{14}{29}$	$\Phi_{232}^{10}\ \Phi_{116}^{10}\ \Phi_{29}\ \Phi_{8}^{10}\ \Phi_{4}^{10}\ \Phi_{1}^{2}$
136102	1770	319	$\frac{1}{29}$	$\frac{24}{319}$	$\frac{5}{29}$	$\frac{14}{29}$	$\Phi_{319}^{6}\ \Phi_{29}\ \Phi_{11}^{6}\ \Phi_{1}^{2}$
136103	1770	348	$\frac{1}{29}$	$\frac{5}{58}$	$\frac{53}{348}$	$\frac{14}{29}$	$\Phi_{348}^{6}\ \Phi_{174}^{6}\ \Phi_{116}^{6}\ \Phi_{87}^{6}\ \Phi_{29}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
136104	1770	203	$\frac{1}{29}$	$\frac{3}{29}$	$\frac{26}{203}$	$\frac{14}{29}$	$\Phi_{203}^{10}\ \Phi_{29}\ \Phi_{7}^{10}\ \Phi_{1}^{2}$
136105	1770	3534	$\frac{1}{31}$	$\frac{2}{57}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{3534}\ \Phi_{1178}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
136106	1770	61	$\frac{2}{61}$	$\frac{3}{61}$	$\frac{16}{61}$	$\frac{29}{61}$	$\Phi_{61}^{29}\ \Phi_{1}^{30}$
136107	1770	2480	$\frac{1}{31}$	$\frac{1}{20}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{2480}\ \Phi_{620}\ \Phi_{496}\ \Phi_{310}\ \Phi_{155}\ \Phi_{124}\ \Phi_{62}$
136108	1770	3472	$\frac{1}{31}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{3472}\ \Phi_{496}\ \Phi_{124}\ \Phi_{62}$
136109	1770	112	$\frac{3}{56}$	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{53}{112}$	$\Phi_{112}^{15}\ \Phi_{56}^{17}\ \Phi_{28}^{17}\ \Phi_{16}^{14}\ \Phi_{14}^{17}\ \Phi_{8}^{16}\ \Phi_{7}^{16}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
136110	1770	272	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{9}{68}$	$\frac{8}{17}$	$\Phi_{272}^{7}\ \Phi_{136}^{7}\ \Phi_{68}^{5}\ \Phi_{34}^{5}\ \Phi_{17}^{6}\ \Phi_{16}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
136111	1770	420	$\frac{1}{60}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{4}\ \Phi_{84}^{3}\ \Phi_{70}^{4}\ \Phi_{60}^{6}\ \Phi_{42}^{4}\ \Phi_{35}^{4}\ \Phi_{30}^{6}\ \Phi_{28}^{4}\ \Phi_{21}^{4}$ $\Phi_{20}^{6}\ \Phi_{15}^{6}\ \Phi_{14}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{6}\ \Phi_{7}^{4}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
136112	1770	1092	$\frac{1}{39}$	$\frac{1}{14}$	$\frac{19}{78}$	$\frac{13}{28}$	$\Phi_{1092}^{3}\ \Phi_{364}^{3}\ \Phi_{156}^{3}\ \Phi_{84}^{3}\ \Phi_{78}^{2}\ \Phi_{52}^{3}\ \Phi_{39}\ \Phi_{28}^{4}\ \Phi_{26}^{2}\ \Phi_{13}\ \Phi_{12}^{3}\ \Phi_{6}^{2}$ $\Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
136113	1770	252	$\frac{4}{63}$	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{28}$	$\Phi_{252}^{13}\ \Phi_{84}^{13}\ \Phi_{63}^{2}\ \Phi_{36}^{13}\ \Phi_{28}^{14}\ \Phi_{21}^{2}\ \Phi_{12}^{13}\ \Phi_{9}\ \Phi_{7}^{2}\ \Phi_{4}^{14}\ \Phi_{3}\ \Phi_{1}^{2}$
136114	1770	1820	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{13}{28}$	$\Phi_{1820}^{2}\ \Phi_{364}\ \Phi_{260}^{2}\ \Phi_{140}^{2}\ \Phi_{65}^{2}\ \Phi_{52}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{13}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
136115	1770	3410	$\frac{1}{31}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{3410}\ \Phi_{682}\ \Phi_{310}\ \Phi_{155}\ \Phi_{62}$
136116	1770	549	$\frac{1}{61}$	$\frac{41}{549}$	$\frac{20}{61}$	$\frac{254}{549}$	$\Phi_{549}^{3}\ \Phi_{183}^{3}\ \Phi_{61}^{5}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
136117	1770	61	$\frac{2}{61}$	$\frac{5}{61}$	$\frac{11}{61}$	$\frac{28}{61}$	$\Phi_{61}^{29}\ \Phi_{1}^{30}$
136118	1770	2232	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{558}\ \Phi_{372}\ \Phi_{279}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}$
136119	1770	3348	$\frac{1}{31}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{3348}\ \Phi_{1116}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}$
136120	1770	244	$\frac{1}{61}$	$\frac{6}{61}$	$\frac{67}{244}$	$\frac{55}{122}$	$\Phi_{244}^{10}\ \Phi_{61}^{9}\ \Phi_{4}^{10}\ \Phi_{1}^{10}$
136121	1770	792	$\frac{1}{88}$	$\frac{1}{9}$	$\frac{29}{88}$	$\frac{4}{9}$	$\Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{264}^{2}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{99}^{2}\ \Phi_{88}^{4}\ \Phi_{72}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{4}\ \Phi_{36}^{2}\ \Phi_{33}^{2}$ $\Phi_{24}^{2}\ \Phi_{22}^{4}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{4}\ \Phi_{9}^{3}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
136122	1770	180	$\frac{1}{60}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{180}^{9}\ \Phi_{90}^{9}\ \Phi_{60}^{12}\ \Phi_{45}^{9}\ \Phi_{36}^{8}\ \Phi_{30}^{12}\ \Phi_{20}^{12}\ \Phi_{18}^{8}\ \Phi_{15}^{12}\ \Phi_{12}^{11}\ \Phi_{10}^{12}\ \Phi_{9}^{9}\ \Phi_{6}^{11}$ $\Phi_{5}^{12}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
136123	1770	1980	$\frac{1}{44}$	$\frac{1}{9}$	$\frac{43}{220}$	$\frac{4}{9}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}^{2}\ \Phi_{180}\ \Phi_{165}\ \Phi_{110}^{2}\ \Phi_{90}$ $\Phi_{60}\ \Phi_{55}^{2}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
136124	1770	1656	$\frac{7}{184}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{184}^2\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
136125	1770	198	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{198}^8\ \Phi_{99}^8\ \Phi_{66}^{11}\ \Phi_{33}^{11}\ \Phi_{22}^{10}\ \Phi_{18}^8\ \Phi_{11}^{10}\ \Phi_9^9\ \Phi_6^{11}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
136126	1770	1683	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}^2\ \Phi_{153}\ \Phi_{51}\ \Phi_{17}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
136127	1770	576	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^2\ \Phi_{96}^3\ \Phi_{72}^2\ \Phi_{64}^6\ \Phi_{48}^2\ \Phi_{36}^6\ \Phi_{32}^6\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^4\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
136128	1770	2128	$\frac{9}{304}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{133}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
136129	1770	1769	$\frac{17}{1769}$	$\frac{237}{1769}$	$\frac{584}{1769}$	$\frac{766}{1769}$	$\Phi_{1769}\ \Phi_{61}\ \Phi_{29}\ \Phi_1^2$
136130	1770	518	$\frac{1}{37}$	$\frac{36}{259}$	$\frac{1}{7}$	$\frac{223}{518}$	$\Phi_{518}^6\ \Phi_{259}\ \Phi_{74}^6\ \Phi_{14}^6\ \Phi_2^6$
136131	1770	1008	$\frac{1}{16}$	$\frac{4}{63}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{56}\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_6^2$
136132	1770	61	$\frac{2}{61}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{26}{61}$	$\Phi_{61}^{29}\ \Phi_1^{30}$
136133	1770	816	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{8}{51}$	$\frac{43}{102}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^3\ \Phi_{204}^2\ \Phi_{136}^3\ \Phi_{68}^3\ \Phi_{51}^2\ \Phi_{48}^2\ \Phi_{34}\ \Phi_{24}^2\ \Phi_{17}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
136134	1770	305	$\frac{1}{61}$	$\frac{49}{305}$	$\frac{12}{61}$	$\frac{128}{305}$	$\Phi_{305}^5\ \Phi_{61}^9\ \Phi_5^5\ \Phi_1^{10}$
136135	1770	1860	$\frac{1}{60}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{465}\ \Phi_{372}\ \Phi_{310}\ \Phi_{186}\ \Phi_{155}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}$
136136	1770	366	$\frac{1}{61}$	$\frac{10}{61}$	$\frac{71}{366}$	$\frac{51}{122}$	$\Phi_{366}^6\ \Phi_{183}^6\ \Phi_{61}^5\ \Phi_6^6\ \Phi_3^6\ \Phi_1^6$
136137	1770	3100	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{3100}\ \Phi_{620}\ \Phi_{310}\ \Phi_{155}\ \Phi_{124}\ \Phi_{62}$
136138	1770	61	$\frac{2}{61}$	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{25}{61}$	$\Phi_{61}^{29}\ \Phi_1^{30}$
136139	1770	1769	$\frac{24}{1769}$	$\frac{349}{1769}$	$\frac{353}{1769}$	$\frac{710}{1769}$	$\Phi_{1769}\ \Phi_{61}\ \Phi_{29}\ \Phi_1^2$
136140	1770	788	$\frac{2}{197}$	$\frac{39}{197}$	$\frac{1}{4}$	$\frac{79}{197}$	$\Phi_{788}^3\ \Phi_{394}^3\ \Phi_4^2\ \Phi_2^2$
136141	1770	1485	$\frac{2}{297}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}^2\ \Phi_{165}\ \Phi_{135}\ \Phi_{99}^2\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
136142	1770	2205	$\frac{1}{147}$	$\frac{1}{5}$	$\frac{146}{441}$	$\frac{2}{5}$	$\Phi_{2205}\ \Phi_{441}^2\ \Phi_{315}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
136143	1770	1960	$\frac{1}{98}$	$\frac{1}{5}$	$\frac{97}{392}$	$\frac{2}{5}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{392}^2\ \Phi_{280}\ \Phi_{196}^2\ \Phi_{140}\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
136144	1770	735	$\frac{2}{147}$	$\frac{29}{147}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{735}^2\ \Phi_{245}^2\ \Phi_{147}^4\ \Phi_{105}^2\ \Phi_{49}^4\ \Phi_{35}^2\ \Phi_{21}^4\ \Phi_{15}^2\ \Phi_7^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^6$
136145	1770	60	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{60}^{30}\ \Phi_{30}^{29}\ \Phi_{20}^{30}\ \Phi_{15}^{29}\ \Phi_{12}^{30}\ \Phi_{10}^{29}\ \Phi_6^{28}\ \Phi_5^{30}\ \Phi_4^{30}\ \Phi_3^{28}\ \Phi_2^{28}\ \Phi_1^{30}$
136146	1770	1505	$\frac{6}{301}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1505}\ \Phi_{301}^2\ \Phi_{215}\ \Phi_{43}^2\ \Phi_5\ \Phi_1^2$
136147	1770	1715	$\frac{1}{49}$	$\frac{48}{343}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1715}\ \Phi_{343}^2\ \Phi_5\ \Phi_1^2$
136148	1770	1680	$\frac{1}{42}$	$\frac{41}{336}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}^2\ \Phi_{280}\ \Phi_{240}\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{80}\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
136149	1770	1540	$\frac{13}{308}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}^2\ \Phi_{220}\ \Phi_{154}^2\ \Phi_{140}\ \Phi_{110}\ \Phi_{77}^2\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{20}\ \Phi_{11}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
136150	1770	315	$\frac{1}{21}$	$\frac{4}{63}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{315}^5\ \Phi_{105}^4\ \Phi_{63}^{10}\ \Phi_{45}^5\ \Phi_{35}^4\ \Phi_{21}^8\ \Phi_{15}^4\ \Phi_9^{10}\ \Phi_7^8\ \Phi_5^5\ \Phi_3^8\ \Phi_1^{10}$
136151	1770	488	$\frac{1}{61}$	$\frac{10}{61}$	$\frac{51}{244}$	$\frac{193}{488}$	$\Phi_{488}^6\ \Phi_{61}^5\ \Phi_8^6\ \Phi_1^6$
136152	1770	2976	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}$
136153	1770	852	$\frac{1}{71}$	$\frac{1}{6}$	$\frac{35}{142}$	$\frac{107}{284}$	$\Phi_{852}^4\ \Phi_{426}\ \Phi_{284}^2\ \Phi_{213}\ \Phi_{142}\ \Phi_{12}^4\ \Phi_4^2$
136154	1770	2136	$\frac{1}{178}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2136}^2\ \Phi_{534}\ \Phi_{267}\ \Phi_{24}\ \Phi_6$
136155	1770	2824	$\frac{2}{353}$	$\frac{1}{4}$	$\frac{117}{353}$	$\frac{3}{8}$	$\Phi_{2824}\ \Phi_{353}\ \Phi_8^2\ \Phi_1^2$
136156	1770	952	$\frac{1}{119}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{952}^3\ \Phi_{476}\ \Phi_{238}\ \Phi_{136}^3\ \Phi_{68}\ \Phi_{56}^3\ \Phi_{34}\ \Phi_{28}\ \Phi_{14}$
136157	1770	2824	$\frac{5}{353}$	$\frac{58}{353}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2824}\ \Phi_{353}\ \Phi_8^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
136158	1770	840	$\frac{1}{60}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^4\ \Phi_{420}\ \Phi_{280}^4\ \Phi_{210}\ \Phi_{168}^4\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}^3\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
136159	1770	1984	$\frac{1}{31}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{496}\ \Phi_{124}\ \Phi_{62}$
136160	1770	1769	$\frac{19}{1769}$	$\frac{350}{1769}$	$\frac{473}{1769}$	$\frac{648}{1769}$	$\Phi_{1769}\ \Phi_{61}\ \Phi_{29}\ \Phi_1^2$
136161	1770	1860	$\frac{1}{60}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{465}\ \Phi_{372}\ \Phi_{310}\ \Phi_{186}\ \Phi_{155}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}$
136162	1770	2790	$\frac{1}{31}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{2790}\ \Phi_{930}\ \Phi_{558}\ \Phi_{465}\ \Phi_{310}\ \Phi_{186}\ \Phi_{155}\ \Phi_{93}\ \Phi_{62}$
136163	1770	61	$\frac{2}{61}$	$\frac{4}{61}$	$\frac{19}{61}$	$\frac{21}{61}$	$\Phi_{61}^{29}\ \Phi_1^{30}$
136164	1770	1769	$\frac{26}{1769}$	$\frac{235}{1769}$	$\frac{581}{1769}$	$\frac{594}{1769}$	$\Phi_{1769}\ \Phi_{61}\ \Phi_{29}\ \Phi_1^2$
136165	1770	3108	$\frac{1}{74}$	$\frac{1}{7}$	$\frac{73}{222}$	$\frac{149}{444}$	$\Phi_{3108}\ \Phi_{1036}\ \Phi_{518}\ \Phi_{259}\ \Phi_{84}\ \Phi_{28}\ \Phi_{14}$
136166	1770	2130	$\frac{4}{355}$	$\frac{1}{6}$	$\frac{117}{355}$	$\frac{119}{355}$	$\Phi_{2130}\ \Phi_{1065}\ \Phi_{710}\ \Phi_{426}\ \Phi_{213}\ \Phi_{142}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
136167	1770	1188	$\frac{2}{297}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
136168	1770	1764	$\frac{1}{147}$	$\frac{1}{4}$	$\frac{146}{441}$	$\frac{1}{3}$	$\Phi_{1764}^2\ \Phi_{882}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
136169	1770	264	$\frac{1}{88}$	$\frac{1}{6}$	$\frac{29}{88}$	$\frac{1}{3}$	$\Phi_{264}^6\ \Phi_{132}^6\ \Phi_{88}^8\ \Phi_{66}^6\ \Phi_{44}^8\ \Phi_{33}^6\ \Phi_{24}^6\ \Phi_{22}^8\ \Phi_{12}^6\ \Phi_{11}^8\ \Phi_8^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
136170	1770	2658	$\frac{13}{886}$	$\frac{119}{886}$	$\frac{291}{886}$	$\frac{1}{3}$	$\Phi_{2658}\ \Phi_{1329}\ \Phi_6$
136171	1770	1392	$\frac{1}{29}$	$\frac{1}{16}$	$\frac{28}{87}$	$\frac{1}{3}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}^2\ \Phi_{348}\ \Phi_{232}^2\ \Phi_{174}\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
136172	1770	420	$\frac{1}{60}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^6\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^6\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{14}^4\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_7^4\ \Phi_6^6\ \Phi_5^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
136173	1770	2658	$\frac{11}{886}$	$\frac{175}{886}$	$\frac{237}{886}$	$\frac{1}{3}$	$\Phi_{2658}\ \Phi_{1329}\ \Phi_6$
136174	1770	1176	$\frac{1}{98}$	$\frac{97}{392}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1176}^3\ \Phi_{588}\ \Phi_{294}^2\ \Phi_{168}^3\ \Phi_{147}^2\ \Phi_{84}\ \Phi_{42}^2\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
136175	1770	588	$\frac{2}{147}$	$\frac{29}{147}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}^4\ \Phi_{294}^4\ \Phi_{196}^4\ \Phi_{98}^4\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_4^4\ \Phi_2^4$
136176	1770	60	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^{30}\ \Phi_{30}^{30}\ \Phi_{20}^{30}\ \Phi_{15}^{30}\ \Phi_{12}^{27}\ \Phi_{10}^{30}\ \Phi_6^{29}\ \Phi_5^{30}\ \Phi_4^{26}\ \Phi_3^{28}\ \Phi_2^{28}\ \Phi_1^{28}$
136177	1770	3612	$\frac{6}{301}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3612}\ \Phi_{1806}\ \Phi_{516}\ \Phi_{258}\ \Phi_{12}\ \Phi_6$
136178	1770	4116	$\frac{1}{49}$	$\frac{48}{343}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{4116}\ \Phi_{2058}\ \Phi_{12}\ \Phi_6$
136179	1770	336	$\frac{1}{42}$	$\frac{41}{336}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{84}^2\ \Phi_{56}^6\ \Phi_{48}^6\ \Phi_{42}^4\ \Phi_{28}^2\ \Phi_{24}^6\ \Phi_{21}^4\ \Phi_{16}^6\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_8^6\ \Phi_7^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
136180	1770	2436	$\frac{19}{609}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{812}\ \Phi_{406}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{58}\ \Phi_{12}\ \Phi_6$
136181	1770	924	$\frac{13}{308}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^3\ \Phi_{462}^3\ \Phi_{231}^3\ \Phi_{132}^3\ \Phi_{84}\ \Phi_{66}^3\ \Phi_{42}^2\ \Phi_{33}^3\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
136182	1770	252	$\frac{1}{21}$	$\frac{4}{63}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^{10}\ \Phi_{126}^{10}\ \Phi_{84}^8\ \Phi_{42}^8\ \Phi_{36}^{10}\ \Phi_{28}^8\ \Phi_{18}^{10}\ \Phi_{14}^8\ \Phi_{12}^9\ \Phi_6^9\ \Phi_4^8\ \Phi_2^8$
136183	1770	660	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{43}{220}$	$\frac{1}{3}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^4\ \Phi_{165}^3\ \Phi_{110}^4\ \Phi_{60}^3\ \Phi_{55}^4\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
136184	1770	552	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{552}^3\ \Phi_{276}^3\ \Phi_{184}^4\ \Phi_{138}^3\ \Phi_{92}^4\ \Phi_{69}^3\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
136185	1770	66	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{66}^{27}\ \Phi_{33}^{27}\ \Phi_{22}^{26}\ \Phi_{11}^{26}\ \Phi_6^{29}\ \Phi_3^{28}\ \Phi_2^{28}\ \Phi_1^{28}$
136186	1770	1122	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1122}^2\ \Phi_{561}\ \Phi_{374}^2\ \Phi_{187}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
136187	1770	192	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{192}^9\ \Phi_{96}^9\ \Phi_{64}^{12}\ \Phi_{48}^6\ \Phi_{32}^{12}\ \Phi_{24}^6\ \Phi_{16}^8\ \Phi_{12}^6\ \Phi_8^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
136188	1770	366	$\frac{1}{61}$	$\frac{71}{366}$	$\frac{41}{183}$	$\frac{20}{61}$	$\Phi_{366}^6\ \Phi_{183}^3\ \Phi_{122}^6\ \Phi_{61}^5\ \Phi_6^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
136189	1770	1050	$\frac{4}{175}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{57}{175}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{150}^2\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{30}^3\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
136190	1770	87	$\frac{1}{29}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{28}{87}$	$\Phi_{87}^{30}\ \Phi_{29}\ \Phi_3^{30}\ \Phi_1^2$
136191	1770	3828	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{28}{87}$	$\Phi_{3828}\ \Phi_{1914}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
136192	1770	87	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{28}{87}$	$\Phi_{87}^{30}\ \Phi_{29}\ \Phi_{3}^{30}\ \Phi_{1}^{2}$
136193	1770	1218	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{28}{87}$	$\Phi_{1218}^{2}\ \Phi_{609}\ \Phi_{406}^{2}\ \Phi_{203}^{2}\ \Phi_{42}^{3}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
136194	1770	3024	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{137}{432}$	$\Phi_{3024}\ \Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
136195	1770	2448	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{35}{153}$	$\frac{16}{51}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{272}\ \Phi_{144}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}$
136196	1770	319	$\frac{2}{29}$	$\frac{24}{319}$	$\frac{5}{29}$	$\frac{9}{29}$	$\Phi_{319}^{6}\ \Phi_{29}\ \Phi_{11}^{6}\ \Phi_{1}^{2}$
136197	1770	348	$\frac{2}{29}$	$\frac{5}{58}$	$\frac{53}{348}$	$\frac{9}{29}$	$\Phi_{348}^{6}\ \Phi_{174}^{6}\ \Phi_{116}^{6}\ \Phi_{87}^{6}\ \Phi_{29}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
136198	1770	2604	$\frac{1}{31}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{2604}\ \Phi_{1302}\ \Phi_{651}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}$
136199	1770	336	$\frac{1}{16}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{84}$	$\Phi_{336}^{8}\ \Phi_{168}^{8}\ \Phi_{112}\ \Phi_{84}^{6}\ \Phi_{56}\ \Phi_{48}^{8}\ \Phi_{42}^{6}\ \Phi_{28}\ \Phi_{24}^{8}\ \Phi_{21}^{6}\ \Phi_{14}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{6}$
136200	1770	2184	$\frac{17}{312}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{91}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
136201	1770	546	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{19}{78}$	$\frac{2}{7}$	$\Phi_{546}^{4}\ \Phi_{273}^{2}\ \Phi_{182}^{4}\ \Phi_{91}^{2}\ \Phi_{78}^{6}\ \Phi_{42}^{4}\ \Phi_{39}^{3}\ \Phi_{26}^{6}\ \Phi_{21}^{2}\ \Phi_{14}^{4}\ \Phi_{13}^{3}\ \Phi_{7}^{4}\ \Phi_{6}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
136202	1770	63	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{63}^{28}\ \Phi_{21}^{28}\ \Phi_{9}^{27}\ \Phi_{7}^{30}\ \Phi_{3}^{27}\ \Phi_{1}^{30}$
136203	1770	455	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{455}^{4}\ \Phi_{91}^{2}\ \Phi_{65}^{6}\ \Phi_{35}^{4}\ \Phi_{13}^{3}\ \Phi_{7}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
136204	1770	61	$\frac{2}{61}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	$\Phi_{61}^{29}\ \Phi_{1}^{30}$
136205	1770	2232	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{744}\ \Phi_{372}\ \Phi_{248}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}$
136206	1770	61	$\frac{2}{61}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{61}^{29}\ \Phi_{1}^{30}$
136207	1770	156	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{19}{78}$	$\frac{1}{4}$	$\Phi_{156}^{15}\ \Phi_{78}^{8}\ \Phi_{52}^{15}\ \Phi_{39}^{7}\ \Phi_{26}^{8}\ \Phi_{13}^{7}\ \Phi_{12}^{17}\ \Phi_{6}^{9}\ \Phi_{4}^{16}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
136208	1770	252	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{252}^{10}\ \Phi_{126}^{4}\ \Phi_{84}^{10}\ \Phi_{63}^{6}\ \Phi_{42}^{4}\ \Phi_{36}^{5}\ \Phi_{28}^{10}\ \Phi_{21}^{6}\ \Phi_{18}^{2}\ \Phi_{14}^{4}\ \Phi_{12}^{7}\ \Phi_{9}^{3}\ \Phi_{7}^{6}\ \Phi_{6}^{3}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
136209	1770	780	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{780}^{4}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}^{2}\ \Phi_{156}^{2}\ \Phi_{78}\ \Phi_{65}^{2}\ \Phi_{60}^{4}\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{13}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
136210	1770	232	$\frac{3}{58}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{55}{232}$	$\Phi_{232}^{10}\ \Phi_{116}^{10}\ \Phi_{29}\ \Phi_{8}^{10}\ \Phi_{4}^{10}\ \Phi_{1}^{2}$
136211	1770	2688	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{89}{384}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{896}\ \Phi_{448}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
136212	1770	448	$\frac{5}{64}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{32}$	$\Phi_{448}^{5}\ \Phi_{224}^{4}\ \Phi_{112}^{4}\ \Phi_{56}^{5}\ \Phi_{28}^{5}\ \Phi_{14}^{5}\ \Phi_{7}^{4}$
136213	1770	560	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{3}{14}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{140}^{4}\ \Phi_{112}\ \Phi_{80}^{4}\ \Phi_{70}^{2}\ \Phi_{56}\ \Phi_{40}^{4}\ \Phi_{35}^{2}\ \Phi_{28}\ \Phi_{20}^{4}\ \Phi_{14}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$
136214	1770	518	$\frac{2}{37}$	$\frac{1}{7}$	$\frac{7}{37}$	$\frac{15}{74}$	$\Phi_{518}^{5}\ \Phi_{259}^{3}\ \Phi_{14}^{5}\ \Phi_{7}^{2}$
136215	1770	750	$\frac{7}{125}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{750}^{3}\ \Phi_{375}^{3}\ \Phi_{250}^{3}\ \Phi_{150}^{2}\ \Phi_{75}^{2}\ \Phi_{50}^{2}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
136216	1770	210	$\frac{2}{35}$	$\frac{11}{70}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{210}^{10}\ \Phi_{105}^{10}\ \Phi_{70}^{4}\ \Phi_{42}^{10}\ \Phi_{35}^{6}\ \Phi_{30}^{11}\ \Phi_{21}^{10}\ \Phi_{15}^{11}\ \Phi_{14}^{4}\ \Phi_{10}^{5}\ \Phi_{7}^{6}\ \Phi_{6}^{10}\ \Phi_{5}^{6}\ \Phi_{3}^{10}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
136217	1770	600	$\frac{2}{25}$	$\frac{23}{200}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{600}^{4}\ \Phi_{300}^{4}\ \Phi_{200}^{2}\ \Phi_{150}^{2}\ \Phi_{120}^{4}\ \Phi_{100}^{2}\ \Phi_{75}^{2}\ \Phi_{60}^{4}\ \Phi_{40}^{2}\ \Phi_{30}^{3}\ \Phi_{25}^{2}\ \Phi_{24}^{4}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
136218	1770	2310	$\frac{31}{385}$	$\frac{4}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{165}\ \Phi_{154}\ \Phi_{110}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{10}$
136219	1770	504	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{13}{72}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{168}^{4}\ \Phi_{126}^{4}\ \Phi_{84}^{4}\ \Phi_{63}^{4}\ \Phi_{56}^{5}\ \Phi_{42}^{4}\ \Phi_{28}^{5}\ \Phi_{21}^{4}\ \Phi_{14}^{5}\ \Phi_{7}^{4}$
136220	1770	203	$\frac{3}{29}$	$\frac{26}{203}$	$\frac{4}{29}$	$\frac{5}{29}$	$\Phi_{203}^{10}\ \Phi_{29}\ \Phi_{7}^{10}\ \Phi_{1}^{2}$
136221	1770	426	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{1}{6}$	$\frac{12}{71}$	$\Phi_{426}^{5}\ \Phi_{213}^{5}\ \Phi_{142}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
136222	1770	336	$\frac{41}{336}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{48}$	$\Phi_{336}^{5}\ \Phi_{168}^{5}\ \Phi_{112}^{5}\ \Phi_{84}^{5}\ \Phi_{56}^{6}\ \Phi_{48}^{6}\ \Phi_{42}^{5}\ \Phi_{28}^{6}\ \Phi_{24}^{6}\ \Phi_{21}^{5}\ \Phi_{16}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
136223	1771	2832	$\frac{1}{354}$	$\frac{355}{1416}$	$\frac{1061}{2832}$	$\frac{353}{708}$	$\Phi_{2832}\ \Phi_{944}\ \Phi_{708}\ \Phi_{236}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
136224	1771	2364	$\frac{2}{591}$	$\frac{593}{2364}$	$\frac{1}{3}$	$\frac{589}{1182}$	$\Phi_{2364}\ \Phi_{788}\ \Phi_{591}\ \Phi_{197}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
136225	1771	504	$\frac{1}{252}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{251}{504}$	$\Phi_{504}^{7}\ \Phi_{168}^{7}\ \Phi_{72}^{7}\ \Phi_{56}^{7}\ \Phi_{24}^{7}\ \Phi_{12}\ \Phi_{8}^{7}\ \Phi_{4}\ \Phi_{1}$
136226	1771	504	$\frac{1}{252}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{251}{504}$	$\Phi_{504}^{7}\ \Phi_{168}^{7}\ \Phi_{72}^{7}\ \Phi_{56}^{7}\ \Phi_{24}^{7}\ \Phi_{9}\ \Phi_{8}^{7}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
136227	1771	320	$\frac{1}{160}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{159}{320}$	$\Phi_{320}^{11}\ \Phi_{64}^{11}\ \Phi_{20}\ \Phi_4\ \Phi_1$
136228	1771	960	$\frac{1}{160}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{159}{320}$	$\Phi_{960}^{5}\ \Phi_{320}\ \Phi_{192}^{5}\ \Phi_{64}\ \Phi_{15}\ \Phi_3\ \Phi_1$
136229	1771	472	$\frac{1}{118}$	$\frac{17}{236}$	$\frac{219}{472}$	$\frac{117}{236}$	$\Phi_{472}^{7}\ \Phi_{236}\ \Phi_{8}^{7}\ \Phi_4\ \Phi_1$
136230	1771	3504	$\frac{19}{1752}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1733}{3504}$	$\Phi_{3504}\ \Phi_{1168}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
136231	1771	2130	$\frac{4}{355}$	$\frac{359}{2130}$	$\frac{1}{5}$	$\frac{351}{710}$	$\Phi_{2130}\ \Phi_{1065}\ \Phi_{426}\ \Phi_{355}\ \Phi_{213}\ \Phi_{71}\ \Phi_{30}\ \Phi_{15}\ \Phi_6\ \Phi_3\ \Phi_1$
136232	1771	500	$\frac{3}{250}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{247}{500}$	$\Phi_{500}^{7}\ \Phi_{100}^{7}\ \Phi_{25}\ \Phi_{20}^{7}\ \Phi_{4}^{7}\ \Phi_1$
136233	1771	636	$\frac{2}{159}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{157}{318}$	$\Phi_{636}^{3}\ \Phi_{318}^{2}\ \Phi_{212}^{3}\ \Phi_{159}^{3}\ \Phi_{106}^{2}\ \Phi_{53}^{3}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
136234	1771	1672	$\frac{1}{76}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{75}{152}$	$\Phi_{1672}^{2}\ \Phi_{152}^{3}\ \Phi_{88}^{2}\ \Phi_{44}\ \Phi_{8}^{3}\ \Phi_4\ \Phi_1$
136235	1771	5016	$\frac{1}{76}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{75}{152}$	$\Phi_{5016}\ \Phi_{456}\ \Phi_{264}\ \Phi_{152}\ \Phi_{33}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
136236	1771	3480	$\frac{31}{1740}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{1709}{3480}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{696}\ \Phi_{232}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
136237	1771	216	$\frac{1}{54}$	$\frac{1}{12}$	$\frac{55}{216}$	$\frac{53}{108}$	$\Phi_{216}^{11}\ \Phi_{108}^{6}\ \Phi_{72}^{11}\ \Phi_{54}^{5}\ \Phi_{36}^{6}\ \Phi_{27}^{5}\ \Phi_{24}^{11}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{11}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
136238	1771	3456	$\frac{43}{1728}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1685}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
136239	1771	600	$\frac{2}{75}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{600}^{3}\ \Phi_{300}^{3}\ \Phi_{200}^{3}\ \Phi_{150}^{2}\ \Phi_{120}^{3}\ \Phi_{100}^{3}\ \Phi_{75}^{3}\ \Phi_{60}^{3}\ \Phi_{50}^{2}\ \Phi_{40}^{3}\ \Phi_{30}^{2}\ \Phi_{25}^{3}\ \Phi_{24}^{5}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
136240	1771	150	$\frac{2}{75}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{73}{150}$	$\Phi_{150}^{8}\ \Phi_{75}^{15}\ \Phi_{50}^{8}\ \Phi_{30}^{10}\ \Phi_{25}^{15}\ \Phi_{15}^{16}\ \Phi_{10}^{10}\ \Phi_{6}^{10}\ \Phi_{5}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{10}\ \Phi_{1}^{17}$
136241	1771	312	$\frac{5}{156}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{151}{312}$	$\Phi_{312}^{11}\ \Phi_{104}^{11}\ \Phi_{24}^{11}\ \Phi_{12}^{5}\ \Phi_{8}^{11}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
136242	1771	3420	$\frac{1}{30}$	$\frac{61}{1710}$	$\frac{29}{90}$	$\frac{1649}{3420}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{228}\ \Phi_{180}\ \Phi_{90}\ \Phi_{76}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
136243	1771	312	$\frac{1}{26}$	$\frac{1}{24}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{312}^{6}\ \Phi_{156}^{6}\ \Phi_{104}^{5}\ \Phi_{78}^{6}\ \Phi_{52}^{6}\ \Phi_{39}^{6}\ \Phi_{26}^{5}\ \Phi_{24}^{5}\ \Phi_{13}^{5}\ \Phi_{12}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
136244	1771	2508	$\frac{1}{38}$	$\frac{1}{22}$	$\frac{37}{114}$	$\frac{21}{44}$	$\Phi_{2508}^{2}\ \Phi_{228}^{2}\ \Phi_{132}^{2}\ \Phi_{114}\ \Phi_{57}\ \Phi_{44}\ \Phi_{12}^{2}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
136245	1771	880	$\frac{3}{80}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{880}^{2}\ \Phi_{440}^{2}\ \Phi_{220}^{2}\ \Phi_{176}^{2}\ \Phi_{110}^{2}\ \Phi_{88}^{2}\ \Phi_{80}^{3}\ \Phi_{55}^{2}\ \Phi_{44}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_4\ \Phi_1$
136246	1771	4180	$\frac{1}{22}$	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{21}{44}$	$\Phi_{4180}\ \Phi_{380}\ \Phi_{220}\ \Phi_{95}\ \Phi_{44}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
136247	1771	836	$\frac{1}{22}$	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{21}{44}$	$\Phi_{836}^{4}\ \Phi_{76}^{4}\ \Phi_{44}^{5}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
136248	1771	264	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{21}{44}$	$\Phi_{264}^{8}\ \Phi_{132}^{6}\ \Phi_{88}^{6}\ \Phi_{66}^{6}\ \Phi_{44}^{5}\ \Phi_{33}^{6}\ \Phi_{24}^{12}\ \Phi_{22}^{4}\ \Phi_{12}^{9}\ \Phi_{11}^{4}\ \Phi_{8}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{7}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
136249	1771	2400	$\frac{1}{30}$	$\frac{29}{600}$	$\frac{629}{2400}$	$\frac{571}{1200}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{200}\ \Phi_{160}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
136250	1771	612	$\frac{8}{153}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{145}{306}$	$\Phi_{612}^{3}\ \Phi_{306}^{2}\ \Phi_{204}^{3}\ \Phi_{153}^{3}\ \Phi_{102}^{2}\ \Phi_{68}^{3}\ \Phi_{51}^{3}\ \Phi_{36}^{6}\ \Phi_{34}^{2}\ \Phi_{18}^{5}\ \Phi_{17}^{3}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
136251	1771	480	$\frac{1}{30}$	$\frac{13}{240}$	$\frac{29}{120}$	$\frac{227}{480}$	$\Phi_{480}^{7}\ \Phi_{160}^{7}\ \Phi_{120}\ \Phi_{96}^{7}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}^{7}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
136252	1771	480	$\frac{13}{240}$	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{227}{480}$	$\Phi_{480}^{7}\ \Phi_{160}^{7}\ \Phi_{96}^{7}\ \Phi_{32}^{7}\ \Phi_{15}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
136253	1771	2040	$\frac{14}{255}$	$\frac{1}{15}$	$\frac{269}{2040}$	$\frac{241}{510}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{17}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
136254	1771	180	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{19}{180}$	$\frac{17}{36}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{60}^{11}\ \Phi_{45}^{11}\ \Phi_{36}^{6}\ \Phi_{30}^{11}\ \Phi_{20}^{11}\ \Phi_{18}^{5}\ \Phi_{15}^{11}\ \Phi_{12}^{5}\ \Phi_{10}^{11}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{11}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
136255	1771	144	$\frac{1}{24}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{144}^{23}\ \Phi_{48}^{23}\ \Phi_{24}^{5}\ \Phi_{16}^{23}\ \Phi_{12}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
136256	1771	472	$\frac{3}{59}$	$\frac{17}{236}$	$\frac{8}{59}$	$\frac{219}{472}$	$\Phi_{472}^{7}\ \Phi_{59}^{2}\ \Phi_{8}^{7}\ \Phi_{1}^{3}$
136257	1771	300	$\frac{1}{30}$	$\frac{11}{150}$	$\frac{29}{150}$	$\frac{139}{300}$	$\Phi_{300}^{11}\ \Phi_{150}\ \Phi_{100}^{11}\ \Phi_{75}\ \Phi_{60}^{11}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}^{11}\ \Phi_{12}^{11}\ \Phi_{4}^{11}\ \Phi_1$
136258	1771	2160	$\frac{1}{30}$	$\frac{29}{360}$	$\frac{389}{2160}$	$\frac{331}{720}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
136259	1771	3240	$\frac{1}{30}$	$\frac{151}{1620}$	$\frac{29}{180}$	$\frac{1469}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
136260	1771	546	$\frac{1}{78}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{546}^{3}\ \Phi_{273}^{3}\ \Phi_{182}^{3}\ \Phi_{91}^{3}\ \Phi_{78}^{5}\ \Phi_{42}^{2}\ \Phi_{39}^{5}\ \Phi_{26}^{5}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{13}^{5}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
136261	1771	240	$\frac{1}{80}$	$\frac{1}{10}$	$\frac{79}{240}$	$\frac{9}{20}$	$\Phi_{240}^{11}\ \Phi_{120}^{11}\ \Phi_{60}^{11}\ \Phi_{48}^{11}\ \Phi_{30}^{11}\ \Phi_{24}^{11}\ \Phi_{20}\ \Phi_{15}^{11}\ \Phi_{12}^{11}\ \Phi_{6}^{11}\ \Phi_{4}\ \Phi_{3}^{11}\ \Phi_{1}$
136262	1771	1800	$\frac{29}{1800}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
136263	1771	820	$\frac{3}{164}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{820}^{2}\ \Phi_{410}^{2}\ \Phi_{205}^{2}\ \Phi_{164}^{3}\ \Phi_{82}^{3}\ \Phi_{41}^{3}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
136264	1771	660	$\frac{4}{165}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{660}^{5}\ \Phi_{220}^{5}\ \Phi_{165}\ \Phi_{132}^{5}\ \Phi_{60}^{5}\ \Phi_{55}\ \Phi_{44}^{5}\ \Phi_{33}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^{5}\ \Phi_{11}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
136265	1771	200	$\frac{1}{40}$	$\frac{1}{10}$	$\frac{39}{200}$	$\frac{9}{20}$	$\Phi_{200}^{11}\ \Phi_{100}^{11}\ \Phi_{50}^{11}\ \Phi_{25}^{11}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
136266	1771	960	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{31}{192}$	$\frac{9}{20}$	$\Phi_{960}^{2}\ \Phi_{480}^{2}\ \Phi_{320}^{2}\ \Phi_{240}^{2}\ \Phi_{192}^{3}\ \Phi_{120}^{2}\ \Phi_{96}^{3}\ \Phi_{64}^{3}\ \Phi_{60}^{2}\ \Phi_{48}^{3}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
136267	1771	80	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{80}^{22}\ \Phi_{40}^{22}\ \Phi_{20}^{23}\ \Phi_{16}^{22}\ \Phi_{10}^{22}\ \Phi_{8}^{22}\ \Phi_{5}^{22}\ \Phi_{4}^{23}\ \Phi_{2}^{22}\ \Phi_{1}^{23}$
136268	1771	120	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{120}^{14}\ \Phi_{60}^{14}\ \Phi_{40}^{12}\ \Phi_{30}^{14}\ \Phi_{24}^{21}\ \Phi_{20}^{13}\ \Phi_{15}^{14}\ \Phi_{12}^{21}\ \Phi_{10}^{12}\ \Phi_{8}^{18}\ \Phi_{6}^{21}\ \Phi_{5}^{12}\ \Phi_{4}^{19}\ \Phi_{3}^{21}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
136269	1771	180	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{19}{180}$	$\frac{9}{20}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{60}^{11}\ \Phi_{45}^{11}\ \Phi_{36}^{11}\ \Phi_{30}^{11}\ \Phi_{20}\ \Phi_{18}^{11}\ \Phi_{15}^{11}\ \Phi_{12}^{11}\ \Phi_{9}^{11}\ \Phi_{6}^{11}\ \Phi_{4}\ \Phi_{3}^{11}\ \Phi_{1}$
136270	1771	340	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{340}^{10}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}^{10}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{4}\ \Phi_{1}$
136271	1771	880	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{880}^{2}\ \Phi_{440}^{2}\ \Phi_{220}^{2}\ \Phi_{176}^{3}\ \Phi_{110}^{2}\ \Phi_{88}^{3}\ \Phi_{55}^{2}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{20}\ \Phi_{11}^{3}\ \Phi_{4}\ \Phi_{1}$
136272	1771	1920	$\frac{11}{160}$	$\frac{149}{1920}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
136273	1771	1824	$\frac{53}{1824}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
136274	1771	288	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{17}{144}$	$\frac{127}{288}$	$\Phi_{288}^{11}\ \Phi_{96}^{11}\ \Phi_{36}^{6}\ \Phi_{32}^{11}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
136275	1771	1248	$\frac{1}{78}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1248}^{2}\ \Phi_{416}^{2}\ \Phi_{312}^{2}\ \Phi_{156}^{2}\ \Phi_{104}^{2}\ \Phi_{96}^{2}\ \Phi_{78}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{32}\ \Phi_{26}\ \Phi_{24}^{2}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
136276	1771	270	$\frac{17}{270}$	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{30}$	$\Phi_{270}^{7}\ \Phi_{135}^{7}\ \Phi_{90}^{7}\ \Phi_{54}^{7}\ \Phi_{45}^{7}\ \Phi_{27}^{7}\ \Phi_{18}^{7}\ \Phi_{15}^{6}\ \Phi_{9}^{7}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
136277	1771	295	$\frac{8}{295}$	$\frac{41}{295}$	$\frac{42}{295}$	$\frac{127}{295}$	$\Phi_{295}^{6}\ \Phi_{59}^{6}\ \Phi_{5}^{6}\ \Phi_{1}^{7}$
136278	1771	444	$\frac{5}{222}$	$\frac{31}{222}$	$\frac{1}{6}$	$\frac{191}{444}$	$\Phi_{444}^{7}\ \Phi_{222}\ \Phi_{148}^{7}\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{12}^{7}\ \Phi_{4}^{7}\ \Phi_{1}$
136279	1771	1560	$\frac{1}{78}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1560}^{2}\ \Phi_{520}^{2}\ \Phi_{312}^{2}\ \Phi_{156}^{2}\ \Phi_{120}^{2}\ \Phi_{104}^{2}\ \Phi_{78}\ \Phi_{52}^{2}\ \Phi_{40}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}^{2}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
136280	1771	3060	$\frac{14}{255}$	$\frac{1}{15}$	$\frac{241}{1530}$	$\frac{1289}{3060}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{180}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{36}\ \Phi_{20}\ \Phi_{17}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
136281	1771	1800	$\frac{29}{1800}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
136282	1771	1020	$\frac{2}{255}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{1020}^{3}\ \Phi_{340}^{3}\ \Phi_{255}\ \Phi_{204}^{3}\ \Phi_{85}\ \Phi_{68}^{3}\ \Phi_{60}^{3}\ \Phi_{51}\ \Phi_{20}^{3}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
136283	1771	756	$\frac{1}{126}$	$\frac{1}{6}$	$\frac{125}{378}$	$\frac{5}{12}$	$\Phi_{756}^{6}\ \Phi_{378}\ \Phi_{189}\ \Phi_{108}^{6}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
136284	1771	768	$\frac{3}{256}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{768}^{2}\ \Phi_{384}^{2}\ \Phi_{256}^{3}\ \Phi_{192}^{2}\ \Phi_{128}^{3}\ \Phi_{96}^{2}\ \Phi_{64}^{3}\ \Phi_{48}^{2}\ \Phi_{32}^{3}\ \Phi_{24}^{2}\ \Phi_{16}^{3}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
136285	1771	336	$\frac{1}{84}$	$\frac{1}{6}$	$\frac{83}{336}$	$\frac{5}{12}$	$\Phi_{336}^{7}\ \Phi_{168}^{7}\ \Phi_{112}^{7}\ \Phi_{56}^{7}\ \Phi_{48}^{7}\ \Phi_{24}^{7}\ \Phi_{16}^{7}\ \Phi_{12}\ \Phi_{8}^{7}\ \Phi_{4}\ \Phi_{1}$
136286	1771	1260	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{62}{315}$	$\frac{5}{12}$	$\Phi_{1260}^{3}\ \Phi_{420}^{3}\ \Phi_{315}\ \Phi_{180}^{3}\ \Phi_{140}^{3}\ \Phi_{105}\ \Phi_{60}^{3}\ \Phi_{45}\ \Phi_{35}\ \Phi_{20}^{3}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
136287	1771	1800	$\frac{29}{1800}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
136288	1771	516	$\frac{5}{258}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{516}^{6}\ \Phi_{258}\ \Phi_{172}^{6}\ \Phi_{129}\ \Phi_{86}\ \Phi_{43}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
136289	1771	3108	$\frac{6}{259}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3108}\ \Phi_{1036}\ \Phi_{444}\ \Phi_{259}\ \Phi_{148}\ \Phi_{37}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
136290	1771	588	$\frac{1}{42}$	$\frac{41}{294}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{588}^{6}\ \Phi_{294}\ \Phi_{196}^{6}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
136291	1771	288	$\frac{1}{36}$	$\frac{35}{288}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{288}^{7}\ \Phi_{144}^{7}\ \Phi_{96}^{7}\ \Phi_{72}^{7}\ \Phi_{48}^{7}\ \Phi_{32}^{7}\ \Phi_{24}^{7}\ \Phi_{16}^{7}\ \Phi_{12}\ \Phi_{8}^{7}\ \Phi_{4}\ \Phi_{1}$
136292	1771	1044	$\frac{8}{261}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1044}^{3}\ \Phi_{348}^{3}\ \Phi_{261}\ \Phi_{116}^{3}\ \Phi_{87}\ \Phi_{29}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
136293	1771	840	$\frac{1}{28}$	$\frac{27}{280}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{3}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{140}^{3}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{70}^{3}\ \Phi_{60}^{2}\ \Phi_{56}^{3}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
136294	1771	252	$\frac{5}{126}$	$\frac{11}{126}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{252}^{12}\ \Phi_{126}^{2}\ \Phi_{84}^{12}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{12}\ \Phi_{28}^{12}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{13}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{13}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
136295	1771	24	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{24}^{77}\ \Phi_{12}^{71}\ \Phi_{8}^{77}\ \Phi_{6}^{70}\ \Phi_{4}^{71}\ \Phi_{3}^{70}\ \Phi_{2}^{70}\ \Phi_{1}^{71}$
136296	1771	1092	$\frac{1}{21}$	$\frac{20}{273}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1092}^{3}\ \Phi_{364}^{3}\ \Phi_{273}\ \Phi_{156}^{3}\ \Phi_{91}\ \Phi_{52}^{3}\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
136297	1771	1596	$\frac{13}{266}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1596}^{2}\ \Phi_{532}^{2}\ \Phi_{266}\ \Phi_{228}^{2}\ \Phi_{133}\ \Phi_{76}^{2}\ \Phi_{38}\ \Phi_{19}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
136298	1771	540	$\frac{1}{18}$	$\frac{17}{270}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{540}^{6}\ \Phi_{270}\ \Phi_{180}^{6}\ \Phi_{135}\ \Phi_{108}^{6}\ \Phi_{90}\ \Phi_{60}^{6}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}^{6}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
136299	1771	3000	$\frac{1}{30}$	$\frac{29}{300}$	$\frac{271}{1500}$	$\frac{1229}{3000}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
136300	1771	1560	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}^{2}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}^{2}\ \Phi_{120}\ \Phi_{104}^{2}\ \Phi_{78}^{2}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}^{2}\ \Phi_{40}\ \Phi_{39}^{2}\ \Phi_{30}\ \Phi_{26}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
136301	1771	540	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{26}{135}$	$\frac{109}{270}$	$\Phi_{540}^{3}\ \Phi_{270}^{2}\ \Phi_{180}^{3}\ \Phi_{135}^{3}\ \Phi_{108}^{6}\ \Phi_{90}^{2}\ \Phi_{60}^{3}\ \Phi_{54}^{5}\ \Phi_{45}^{3}\ \Phi_{36}^{6}\ \Phi_{30}^{2}\ \Phi_{27}^{5}\ \Phi_{20}^{3}\ \Phi_{18}^{5}\ \Phi_{15}^{3}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
136302	1771	162	$\frac{1}{162}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{162}^{11}\ \Phi_{81}^{11}\ \Phi_{54}^{11}\ \Phi_{27}^{11}\ \Phi_{18}^{10}\ \Phi_{9}^{11}\ \Phi_{6}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
136303	1771	2880	$\frac{1}{30}$	$\frac{29}{360}$	$\frac{331}{1440}$	$\frac{1109}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{360}\ \Phi_{320}\ \Phi_{192}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{64}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
136304	1771	1920	$\frac{1}{30}$	$\frac{149}{1920}$	$\frac{29}{120}$	$\frac{91}{240}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
136305	1771	2840	$\frac{4}{355}$	$\frac{1}{5}$	$\frac{351}{1420}$	$\frac{1069}{2840}$	$\Phi_{2840}\ \Phi_{568}\ \Phi_{355}\ \Phi_{71}\ \Phi_{40}\ \Phi_{8}\ \Phi_{1}$
136306	1771	1296	$\frac{1}{162}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1296}^{2}\ \Phi_{432}^{2}\ \Phi_{324}^{2}\ \Phi_{162}\ \Phi_{144}^{2}\ \Phi_{108}^{2}\ \Phi_{81}\ \Phi_{54}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
136307	1771	2832	$\frac{1}{118}$	$\frac{117}{472}$	$\frac{355}{1416}$	$\frac{1061}{2832}$	$\Phi_{2832}\ \Phi_{944}\ \Phi_{472}\ \Phi_{236}\ \Phi_{48}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
136308	1771	468	$\frac{1}{78}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{468}^{6}\ \Phi_{156}^{6}\ \Phi_{78}^{5}\ \Phi_{52}^{6}\ \Phi_{39}^{5}\ \Phi_{36}^{5}\ \Phi_{26}^{5}\ \Phi_{13}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
136309	1771	2700	$\frac{1}{30}$	$\frac{29}{450}$	$\frac{421}{1350}$	$\frac{929}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{108}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
136310	1771	2664	$\frac{5}{444}$	$\frac{1}{6}$	$\frac{439}{1332}$	$\frac{893}{2664}$	$\Phi_{2664}\ \Phi_{888}\ \Phi_{444}\ \Phi_{296}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}\ \Phi_{72}\ \Phi_{37}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
136311	1771	765	$\frac{2}{255}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{765}^{3}\ \Phi_{255}\ \Phi_{153}^{3}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}^{3}\ \Phi_{17}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
136312	1771	378	$\frac{1}{126}$	$\frac{2}{9}$	$\frac{125}{378}$	$\frac{1}{3}$	$\Phi_{378}^{7}\ \Phi_{189}^{7}\ \Phi_{54}^{7}\ \Phi_{27}^{7}\ \Phi_{9}\ \Phi_{1}$
136313	1771	2304	$\frac{3}{256}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
136314	1771	1008	$\frac{1}{84}$	$\frac{2}{9}$	$\frac{83}{336}$	$\frac{1}{3}$	$\Phi_{1008}^{3}\ \Phi_{504}^{3}\ \Phi_{336}\ \Phi_{168}\ \Phi_{144}^{3}\ \Phi_{112}\ \Phi_{72}^{3}\ \Phi_{56}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
136315	1771	315	$\frac{1}{63}$	$\frac{62}{315}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{315}^{7}\ \Phi_{105}^{7}\ \Phi_{45}^{7}\ \Phi_{35}^{7}\ \Phi_{15}^{7}\ \Phi_{9}\ \Phi_{5}^{7}\ \Phi_{1}$
136316	1771	1800	$\frac{29}{1800}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
136317	1771	774	$\frac{5}{258}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{774}^{3}\ \Phi_{387}^{3}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}\ \Phi_{43}\ \Phi_{9}\ \Phi_{1}$
136318	1771	2331	$\frac{6}{259}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2331}\ \Phi_{333}\ \Phi_{259}\ \Phi_{37}\ \Phi_{9}\ \Phi_{1}$
136319	1771	882	$\frac{1}{42}$	$\frac{41}{294}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{882}^{3}\ \Phi_{441}^{3}\ \Phi_{294}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{9}\ \Phi_{1}$
136320	1771	288	$\frac{1}{36}$	$\frac{35}{288}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{288}^{7}\ \Phi_{144}^{7}\ \Phi_{96}^{7}\ \Phi_{72}^{7}\ \Phi_{48}^{7}\ \Phi_{32}^{7}\ \Phi_{24}^{7}\ \Phi_{16}^{7}\ \Phi_{9}\ \Phi_{8}^{7}\ \Phi_{1}$
136321	1771	261	$\frac{8}{261}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{261}^{7}\ \Phi_{87}^{7}\ \Phi_{29}^{7}\ \Phi_{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
136322	1771	2520	$\frac{1}{28}$	$\frac{27}{280}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{180}\ \Phi_{140}\ \Phi_{90}\ \Phi_{72}\ \Phi_{70}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
136323	1771	126	$\frac{5}{126}$	$\frac{11}{126}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{126}^{14}\ \Phi_{63}^{14}\ \Phi_{42}^{14}\ \Phi_{21}^{14}\ \Phi_{18}^{14}\ \Phi_{14}^{14}\ \Phi_{9}^{15}\ \Phi_{7}^{14}\ \Phi_{6}^{14}\ \Phi_{3}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
136324	1771	72	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{72}^{33}\ \Phi_{36}^{30}\ \Phi_{24}^{11}\ \Phi_{18}^{30}\ \Phi_{12}^{10}\ \Phi_{9}^{31}\ \Phi_{8}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
136325	1771	819	$\frac{1}{21}$	$\frac{20}{273}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{819}^{3}\ \Phi_{273}\ \Phi_{117}^{3}\ \Phi_{91}\ \Phi_{39}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
136326	1771	2394	$\frac{13}{266}$	$\frac{1}{14}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2394}\ \Phi_{1197}\ \Phi_{342}\ \Phi_{266}\ \Phi_{171}\ \Phi_{133}\ \Phi_{38}\ \Phi_{19}\ \Phi_{9}\ \Phi_{1}$
136327	1771	270	$\frac{1}{18}$	$\frac{17}{270}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{270}^{7}\ \Phi_{135}^{7}\ \Phi_{90}^{7}\ \Phi_{54}^{7}\ \Phi_{45}^{7}\ \Phi_{30}^{7}\ \Phi_{27}^{7}\ \Phi_{15}^{7}\ \Phi_{10}^{7}\ \Phi_{9}\ \Phi_{5}^{7}\ \Phi_{1}$
136328	1771	360	$\frac{1}{24}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{3}\ \Phi_{90}^{5}\ \Phi_{72}^{6}\ \Phi_{60}^{3}\ \Phi_{45}^{5}\ \Phi_{40}^{3}\ \Phi_{36}^{6}\ \Phi_{30}^{2}\ \Phi_{24}^{5}\ \Phi_{20}^{3}\ \Phi_{18}^{5}\ \Phi_{15}^{3}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
136329	1771	240	$\frac{1}{80}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{79}{240}$	$\Phi_{240}^{6}\ \Phi_{120}^{6}\ \Phi_{80}^{10}\ \Phi_{60}^{6}\ \Phi_{48}^{6}\ \Phi_{40}^{10}\ \Phi_{30}^{6}\ \Phi_{24}^{6}\ \Phi_{20}^{10}\ \Phi_{16}^{10}\ \Phi_{15}^{7}\ \Phi_{12}^{6}\ \Phi_{10}^{10}\ \Phi_{8}^{10}\ \Phi_{6}^{6}\ \Phi_{5}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
136330	1771	375	$\frac{3}{125}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{122}{375}$	$\Phi_{375}^{7}\ \Phi_{75}^{7}\ \Phi_{25}\ \Phi_{15}^{7}\ \Phi_{3}^{7}\ \Phi_{1}$
136331	1771	1254	$\frac{1}{38}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{37}{114}$	$\Phi_{1254}\ \Phi_{627}\ \Phi_{418}^{2}\ \Phi_{209}^{2}\ \Phi_{114}^{2}\ \Phi_{66}\ \Phi_{57}^{2}\ \Phi_{38}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{19}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
136332	1771	2592	$\frac{43}{864}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{821}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
136333	1771	2295	$\frac{14}{255}$	$\frac{1}{15}$	$\frac{524}{2295}$	$\frac{241}{765}$	$\Phi_{2295}\ \Phi_{459}\ \Phi_{255}\ \Phi_{135}\ \Phi_{85}\ \Phi_{51}\ \Phi_{27}\ \Phi_{17}\ \Phi_{1}$
136334	1771	468	$\frac{5}{78}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{73}{234}$	$\Phi_{468}^{6}\ \Phi_{234}^{5}\ \Phi_{117}^{5}\ \Phi_{36}^{6}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
136335	1771	2640	$\frac{3}{80}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{165}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
136336	1771	3135	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{18}{95}$	$\frac{10}{33}$	$\Phi_{3135}\ \Phi_{285}\ \Phi_{165}\ \Phi_{95}\ \Phi_{33}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
136337	1771	1254	$\frac{3}{38}$	$\frac{1}{11}$	$\frac{5}{38}$	$\frac{10}{33}$	$\Phi_{1254}^{2}\ \Phi_{627}^{2}\ \Phi_{114}^{2}\ \Phi_{66}^{2}\ \Phi_{57}^{2}\ \Phi_{38}^{2}\ \Phi_{33}^{3}\ \Phi_{19}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
136338	1771	264	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{10}{33}$	$\Phi_{264}^{7}\ \Phi_{132}^{5}\ \Phi_{88}^{8}\ \Phi_{66}^{5}\ \Phi_{44}^{6}\ \Phi_{33}^{6}\ \Phi_{24}^{11}\ \Phi_{22}^{6}\ \Phi_{12}^{8}\ \Phi_{11}^{6}\ \Phi_{8}^{11}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
136339	1771	1872	$\frac{101}{1872}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{144}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
136340	1771	360	$\frac{1}{30}$	$\frac{13}{120}$	$\frac{29}{120}$	$\frac{107}{360}$	$\Phi_{360}^{7}\ \Phi_{180}^{7}\ \Phi_{120}\ \Phi_{90}^{7}\ \Phi_{72}^{7}\ \Phi_{60}\ \Phi_{45}^{7}\ \Phi_{40}\ \Phi_{36}^{7}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}^{7}\ \Phi_{12}\ \Phi_{9}^{7}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
136341	1771	360	$\frac{1}{15}$	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{107}{360}$	$\Phi_{360}^{7}\ \Phi_{180}^{7}\ \Phi_{90}^{7}\ \Phi_{72}^{7}\ \Phi_{45}^{7}\ \Phi_{36}^{7}\ \Phi_{18}^{7}\ \Phi_{15}^{6}\ \Phi_{9}^{7}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
136342	1771	295	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{42}{295}$	$\frac{17}{59}$	$\Phi_{295}^{7}\ \Phi_{59}^{2}\ \Phi_{5}^{7}\ \Phi_{1}^{3}$
136343	1771	216	$\frac{1}{24}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{216}^{12}\ \Phi_{108}^{11}\ \Phi_{54}^{11}\ \Phi_{27}^{11}\ \Phi_{24}^{5}\ \Phi_{12}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
136344	1771	354	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{17}{118}$	$\frac{101}{354}$	$\Phi_{354}^{7}\ \Phi_{177}^{7}\ \Phi_{59}^{2}\ \Phi_{6}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{3}$
136345	1771	2160	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{389}{2160}$	$\frac{151}{540}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
136346	1771	360	$\frac{1}{24}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{6}\ \Phi_{90}^{5}\ \Phi_{60}^{6}\ \Phi_{45}^{5}\ \Phi_{40}^{6}\ \Phi_{30}^{5}\ \Phi_{24}^{5}\ \Phi_{20}^{6}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
136347	1771	2460	$\frac{3}{164}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{615}\ \Phi_{492}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
136348	1771	165	$\frac{4}{165}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{165}^{11}\ \Phi_{55}^{11}\ \Phi_{33}^{11}\ \Phi_{15}^{7}\ \Phi_{11}^{11}\ \Phi_{5}^{10}\ \Phi_{3}^{7}\ \Phi_{1}^{11}$
136349	1771	600	$\frac{1}{40}$	$\frac{39}{200}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{600}^{5}\ \Phi_{300}^{5}\ \Phi_{200}\ \Phi_{150}^{5}\ \Phi_{100}\ \Phi_{75}^{5}\ \Phi_{50}\ \Phi_{25}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
136350	1771	960	$\frac{1}{32}$	$\frac{31}{192}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{960}^{2}\ \Phi_{480}\ \Phi_{320}^{2}\ \Phi_{240}\ \Phi_{192}^{3}\ \Phi_{160}^{2}\ \Phi_{120}\ \Phi_{96}^{2}\ \Phi_{80}^{2}\ \Phi_{64}^{3}\ \Phi_{60}\ \Phi_{48}^{2}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
136351	1771	240	$\frac{3}{80}$	$\frac{11}{80}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{240}^{10}\ \Phi_{120}^{10}\ \Phi_{80}^{2}\ \Phi_{60}^{10}\ \Phi_{48}^{10}\ \Phi_{40}^{2}\ \Phi_{30}^{10}\ \Phi_{24}^{10}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{15}^{11}\ \Phi_{12}^{10}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{10}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{11}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
136352	1771	120	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{120}^{13}\ \Phi_{60}^{13}\ \Phi_{40}^{14}\ \Phi_{30}^{13}\ \Phi_{24}^{20}\ \Phi_{20}^{14}\ \Phi_{15}^{14}\ \Phi_{12}^{20}\ \Phi_{10}^{14}\ \Phi_{8}^{20}\ \Phi_{6}^{20}\ \Phi_{5}^{14}\ \Phi_{4}^{20}\ \Phi_{3}^{21}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
136353	1771	180	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{60}^{6}\ \Phi_{45}^{11}\ \Phi_{36}^{11}\ \Phi_{30}^{6}\ \Phi_{20}^{10}\ \Phi_{18}^{11}\ \Phi_{15}^{7}\ \Phi_{12}^{6}\ \Phi_{10}^{10}\ \Phi_{9}^{11}\ \Phi_{6}^{6}\ \Phi_{5}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
136354	1771	510	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{510}^{5}\ \Phi_{255}^{5}\ \Phi_{170}\ \Phi_{102}^{5}\ \Phi_{85}\ \Phi_{51}^{5}\ \Phi_{34}\ \Phi_{17}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
136355	1771	2640	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{176}\ \Phi_{165}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}$
136356	1771	75	$\frac{1}{15}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{75}^{25}\ \Phi_{25}^{27}\ \Phi_{15}^{15}\ \Phi_{5}^{16}\ \Phi_{3}^{15}\ \Phi_{1}^{17}$
136357	1771	216	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{17}{72}$	$\frac{55}{216}$	$\Phi_{216}^{11}\ \Phi_{108}^{11}\ \Phi_{54}^{11}\ \Phi_{36}^{6}\ \Phi_{27}^{11}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
136358	1771	90	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{7}{30}$	$\Phi_{90}^{23}\ \Phi_{45}^{23}\ \Phi_{30}^{10}\ \Phi_{18}^{23}\ \Phi_{15}^{16}\ \Phi_{10}^{10}\ \Phi_{9}^{23}\ \Phi_{6}^{10}\ \Phi_{5}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{10}\ \Phi_{1}^{17}$
136359	1771	2304	$\frac{43}{576}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{533}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
136360	1771	1920	$\frac{149}{1920}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{192}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
136361	1771	300	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{47}{300}$	$\frac{13}{60}$	$\Phi_{300}^{7}\ \Phi_{150}^{7}\ \Phi_{100}^{7}\ \Phi_{75}^{7}\ \Phi_{50}^{7}\ \Phi_{25}^{7}\ \Phi_{15}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
136362	1771	96	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{96}^{23}\ \Phi_{48}^{23}\ \Phi_{32}^{23}\ \Phi_{24}^{5}\ \Phi_{16}^{23}\ \Phi_{12}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
136363	1771	1875	$\frac{104}{1875}$	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\Phi_{1875}\ \Phi_{625}\ \Phi_{375}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
136364	1771	300	$\frac{3}{50}$	$\frac{47}{300}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{300}^{7}\ \Phi_{150}^{7}\ \Phi_{100}^{7}\ \Phi_{75}^{7}\ \Phi_{60}^{7}\ \Phi_{30}^{7}\ \Phi_{25}\ \Phi_{20}^{7}\ \Phi_{15}^{7}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{4}^{7}\ \Phi_{3}^{7}\ \Phi_{1}$
136365	1771	25	$\frac{2}{25}$	$\frac{3}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{25}^{71}\ \Phi_{5}^{70}\ \Phi_{1}^{71}$
136366	1771	2000	$\frac{21}{250}$	$\frac{229}{2000}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
136367	1771	2160	$\frac{43}{432}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{389}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
136368	1771	288	$\frac{5}{48}$	$\frac{35}{288}$	$\frac{43}{288}$	$\frac{1}{6}$	$\Phi_{288}^{6}\ \Phi_{144}^{6}\ \Phi_{96}^{6}\ \Phi_{72}^{6}\ \Phi_{48}^{7}\ \Phi_{36}^{6}\ \Phi_{32}^{6}\ \Phi_{24}^{7}\ \Phi_{18}^{6}\ \Phi_{16}^{7}\ \Phi_{12}^{7}\ \Phi_{9}^{6}\ \Phi_{8}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{7}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
136369	1771	295	$\frac{36}{295}$	$\frac{37}{295}$	$\frac{42}{295}$	$\frac{43}{295}$	$\Phi_{295}^{6}\ \Phi_{59}^{6}\ \Phi_{5}^{6}\ \Phi_{1}^{7}$
136370	1772	2652	$\frac{1}{442}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{441}{884}$	$\Phi_{2652}\ \Phi_{884}^{2}\ \Phi_{204}\ \Phi_{156}\ \Phi_{68}^{2}\ \Phi_{52}^{2}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
136371	1772	759	$\frac{1}{253}$	$\frac{127}{759}$	$\frac{316}{759}$	$\frac{126}{253}$	$\Phi_{759}^{2}\ \Phi_{253}^{3}\ \Phi_{69}^{2}\ \Phi_{33}^{2}\ \Phi_{23}^{3}\ \Phi_{11}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
136372	1772	882	$\frac{2}{441}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{439}{882}$	$\Phi_{882}^{4}\ \Phi_{294}^{4}\ \Phi_{126}^{4}\ \Phi_{98}^{4}\ \Phi_{42}^{4}\ \Phi_{18}^{4}\ \Phi_{14}^{4}\ \Phi_{7}\ \Phi_{6}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
136373	1772	4410	$\frac{2}{441}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{439}{882}$	$\Phi_{4410}\ \Phi_{1470}\ \Phi_{630}\ \Phi_{490}\ \Phi_{210}\ \Phi_{90}\ \Phi_{70}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
136374	1772	805	$\frac{1}{161}$	$\frac{81}{805}$	$\frac{362}{805}$	$\frac{80}{161}$	$\Phi_{805}^{2}\ \Phi_{161}^{3}\ \Phi_{115}^{2}\ \Phi_{35}^{2}\ \Phi_{23}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
136375	1772	2960	$\frac{1}{148}$	$\frac{1}{5}$	$\frac{149}{592}$	$\frac{147}{296}$	$\Phi_{2960}\ \Phi_{740}\ \Phi_{370}\ \Phi_{185}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
136376	1772	880	$\frac{3}{440}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{437}{880}$	$\Phi_{880}^{4}\ \Phi_{176}^{4}\ \Phi_{80}^{4}\ \Phi_{16}^{4}\ \Phi_{11}\ \Phi_{1}^{2}$
136377	1772	880	$\frac{3}{440}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{437}{880}$	$\Phi_{880}^{4}\ \Phi_{176}^{4}\ \Phi_{80}^{4}\ \Phi_{20}\ \Phi_{16}^{4}\ \Phi_{10}$
136378	1772	4380	$\frac{5}{438}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{433}{876}$	$\Phi_{4380}\ \Phi_{1460}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
136379	1772	847	$\frac{1}{77}$	$\frac{39}{847}$	$\frac{404}{847}$	$\frac{38}{77}$	$\Phi_{847}^{2}\ \Phi_{121}^{2}\ \Phi_{77}^{3}\ \Phi_{11}^{3}\ \Phi_{7}^{3}\ \Phi_{1}^{4}$
136380	1772	1749	$\frac{23}{1749}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{863}{1749}$	$\Phi_{1749}\ \Phi_{583}\ \Phi_{159}\ \Phi_{53}\ \Phi_{33}^{2}\ \Phi_{11}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
136381	1772	874	$\frac{6}{437}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{431}{874}$	$\Phi_{874}^{4}\ \Phi_{46}^{4}\ \Phi_{38}^{4}\ \Phi_{23}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
136382	1772	594	$\frac{5}{297}$	$\frac{1}{11}$	$\frac{151}{594}$	$\frac{146}{297}$	$\Phi_{594}^{4}\ \Phi_{297}^{2}\ \Phi_{198}^{4}\ \Phi_{99}^{2}\ \Phi_{66}^{4}\ \Phi_{54}^{4}\ \Phi_{33}^{2}\ \Phi_{27}^{2}\ \Phi_{22}^{4}\ \Phi_{18}^{4}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
136383	1772	483	$\frac{3}{161}$	$\frac{40}{483}$	$\frac{41}{161}$	$\frac{79}{161}$	$\Phi_{483}^{4}\ \Phi_{161}^{3}\ \Phi_{69}^{4}\ \Phi_{23}^{3}\ \Phi_{21}^{4}\ \Phi_{7}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
136384	1772	4320	$\frac{11}{432}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{421}{864}$	$\Phi_{4320}\ \Phi_{1440}\ \Phi_{480}\ \Phi_{160}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
136385	1772	1725	$\frac{47}{1725}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{839}{1725}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{345}\ \Phi_{115}\ \Phi_{75}\ \Phi_{69}^{2}\ \Phi_{25}\ \Phi_{23}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
136386	1772	858	$\frac{14}{429}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{415}{858}$	$\Phi_{858}^{4}\ \Phi_{286}^{4}\ \Phi_{78}^{4}\ \Phi_{66}^{4}\ \Phi_{33}^{2}\ \Phi_{26}^{4}\ \Phi_{22}^{4}\ \Phi_{11}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
136387	1772	598	$\frac{11}{299}$	$\frac{1}{23}$	$\frac{155}{598}$	$\frac{144}{299}$	$\Phi_{598}^4\ \Phi_{299}^2\ \Phi_{46}^4\ \Phi_{26}^4\ \Phi_{23}\ \Phi_{13}^2\ \Phi_2^4\ \Phi_1^2$
136388	1772	462	$\frac{3}{77}$	$\frac{19}{462}$	$\frac{20}{77}$	$\frac{37}{77}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{77}^3\ \Phi_{66}^4\ \Phi_{42}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{11}^3\ \Phi_7^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
136389	1772	1311	$\frac{12}{437}$	$\frac{1}{23}$	$\frac{425}{1311}$	$\frac{11}{23}$	$\Phi_{1311}^2\ \Phi_{69}^2\ \Phi_{57}^2\ \Phi_{23}\ \Phi_3^2\ \Phi_1^2$
136390	1772	460	$\frac{17}{460}$	$\frac{1}{23}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{460}^4\ \Phi_{230}^4\ \Phi_{115}^4\ \Phi_{92}^4\ \Phi_{46}^4\ \Phi_{23}\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
136391	1772	495	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{52}{495}$	$\frac{47}{99}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^2\ \Phi_{55}^4\ \Phi_{45}^4\ \Phi_{33}^2\ \Phi_{15}^4\ \Phi_{11}\ \Phi_9^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^2$
136392	1772	1683	$\frac{89}{1683}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{797}{1683}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}\ \Phi_{99}^2\ \Phi_{51}\ \Phi_{33}^2\ \Phi_{17}\ \Phi_{11}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
136393	1772	828	$\frac{1}{23}$	$\frac{29}{414}$	$\frac{11}{69}$	$\frac{385}{828}$	$\Phi_{828}^4\ \Phi_{276}^4\ \Phi_{92}^4\ \Phi_{69}^2\ \Phi_{36}^4\ \Phi_{23}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3^2\ \Phi_1^2$
136394	1772	2280	$\frac{13}{456}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{95}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
136395	1772	4070	$\frac{1}{37}$	$\frac{36}{407}$	$\frac{1}{5}$	$\frac{371}{814}$	$\Phi_{4070}\ \Phi_{370}\ \Phi_{185}\ \Phi_{110}\ \Phi_{10}$
136396	1772	660	$\frac{3}{220}$	$\frac{1}{11}$	$\frac{217}{660}$	$\frac{5}{11}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{165}^4\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{60}^4\ \Phi_{33}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{11}\ \Phi_6^4\ \Phi_3^4\ \Phi_1^2$
136397	1772	451	$\frac{8}{451}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{451}^4\ \Phi_{41}^4\ \Phi_{11}\ \Phi_1^2$
136398	1772	550	$\frac{3}{110}$	$\frac{1}{11}$	$\frac{107}{550}$	$\frac{5}{11}$	$\Phi_{550}^4\ \Phi_{275}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{11}\ \Phi_1^2$
136399	1772	528	$\frac{3}{88}$	$\frac{1}{11}$	$\frac{85}{528}$	$\frac{5}{11}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{176}^4\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{48}^4\ \Phi_{33}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_{11}\ \Phi_6^4\ \Phi_3^4\ \Phi_1^2$
136400	1772	462	$\frac{19}{462}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}^4\ \Phi_{42}^4\ \Phi_{33}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{11}\ \Phi_7^4\ \Phi_6^4\ \Phi_3^4\ \Phi_1^2$
136401	1772	935	$\frac{49}{935}$	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{5}{11}$	$\Phi_{935}^2\ \Phi_{187}^2\ \Phi_{85}^2\ \Phi_{17}^2\ \Phi_{11}\ \Phi_1^2$
136402	1772	495	$\frac{3}{55}$	$\frac{1}{11}$	$\frac{52}{495}$	$\frac{5}{11}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^4\ \Phi_{45}^4\ \Phi_{33}^4\ \Phi_{15}^4\ \Phi_{11}\ \Phi_9^4\ \Phi_3^4\ \Phi_1^2$
136403	1772	484	$\frac{3}{44}$	$\frac{41}{484}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{484}^4\ \Phi_{242}^4\ \Phi_{121}^4\ \Phi_{11}\ \Phi_1^2$
136404	1772	1617	$\frac{1}{77}$	$\frac{155}{1617}$	$\frac{76}{231}$	$\frac{731}{1617}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{231}^2\ \Phi_{147}\ \Phi_{77}\ \Phi_{49}\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{11}\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
136405	1772	792	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{47}{396}$	$\frac{349}{792}$	$\Phi_{792}^4\ \Phi_{264}^4\ \Phi_{99}^2\ \Phi_{88}^4\ \Phi_{72}^4\ \Phi_{33}^2\ \Phi_{24}^4\ \Phi_{11}\ \Phi_9^2\ \Phi_8^4\ \Phi_3^2\ \Phi_1^2$
136406	1772	616	$\frac{1}{77}$	$\frac{19}{154}$	$\frac{173}{616}$	$\frac{135}{308}$	$\Phi_{616}^4\ \Phi_{154}^4\ \Phi_{88}^4\ \Phi_{77}^3\ \Phi_{56}^4\ \Phi_{22}^4\ \Phi_{14}^4\ \Phi_{11}^3\ \Phi_8^4\ \Phi_7^3\ \Phi_2^4\ \Phi_1^4$
136407	1772	1323	$\frac{4}{441}$	$\frac{1}{7}$	$\frac{437}{1323}$	$\frac{3}{7}$	$\Phi_{1323}^2\ \Phi_{189}^2\ \Phi_{27}^2\ \Phi_7\ \Phi_1^2$
136408	1772	448	$\frac{5}{448}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{448}^4\ \Phi_{224}^4\ \Phi_{112}^4\ \Phi_{64}^4\ \Phi_{56}^4\ \Phi_{32}^4\ \Phi_{28}^4\ \Phi_{16}^4\ \Phi_{14}^4\ \Phi_8^4\ \Phi_7\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
136409	1772	588	$\frac{2}{147}$	$\frac{1}{7}$	$\frac{145}{588}$	$\frac{3}{7}$	$\Phi_{588}^4\ \Phi_{294}^4\ \Phi_{196}^4\ \Phi_{98}^4\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_7\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
136410	1772	903	$\frac{17}{903}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{903}^2\ \Phi_{301}^2\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_7\ \Phi_1^2$
136411	1772	1029	$\frac{4}{147}$	$\frac{143}{1029}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1029}^2\ \Phi_{343}^2\ \Phi_7\ \Phi_1^2$
136412	1772	504	$\frac{2}{63}$	$\frac{61}{504}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{72}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_7\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
136413	1772	490	$\frac{2}{49}$	$\frac{47}{490}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{490}^4\ \Phi_{245}^4\ \Phi_{98}^4\ \Phi_{70}^4\ \Phi_{35}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7\ \Phi_5^4\ \Phi_2^4\ \Phi_1^2$
136414	1772	462	$\frac{19}{462}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}^4\ \Phi_{42}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{14}^4\ \Phi_{11}^4\ \Phi_7\ \Phi_6^4\ \Phi_2^4\ \Phi_1^2$
136415	1772	931	$\frac{45}{931}$	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{931}^2\ \Phi_{133}^2\ \Phi_{19}^2\ \Phi_7\ \Phi_1^2$
136416	1772	945	$\frac{59}{945}$	$\frac{4}{63}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
136417	1772	770	$\frac{1}{77}$	$\frac{58}{385}$	$\frac{19}{77}$	$\frac{327}{770}$	$\Phi_{770}^4\ \Phi_{154}^4\ \Phi_{110}^4\ \Phi_{77}^3\ \Phi_{70}^4\ \Phi_{22}^4\ \Phi_{14}^4\ \Phi_{11}^3\ \Phi_{10}^4\ \Phi_7^3\ \Phi_2^4\ \Phi_1^4$
136418	1772	462	$\frac{19}{462}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}^4\ \Phi_{42}^4\ \Phi_{33}^2\ \Phi_{22}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{11}\ \Phi_7^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^2$
136419	1772	483	$\frac{1}{23}$	$\frac{40}{483}$	$\frac{11}{69}$	$\frac{29}{69}$	$\Phi_{483}^4\ \Phi_{161}^4\ \Phi_{69}^2\ \Phi_{23}\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^2$
136420	1772	1495	$\frac{1}{23}$	$\frac{22}{299}$	$\frac{277}{1495}$	$\frac{609}{1495}$	$\Phi_{1495}\ \Phi_{299}^2\ \Phi_{115}\ \Phi_{65}\ \Phi_{23}\ \Phi_{13}^2\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
136421	1772	1485	$\frac{10}{297}$	$\frac{1}{11}$	$\frac{287}{1485}$	$\frac{599}{1485}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}^2\ \Phi_{165}\ \Phi_{135}\ \Phi_{99}^2\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{15}\ \Phi_{11}\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
136422	1772	740	$\frac{1}{74}$	$\frac{73}{370}$	$\frac{1}{5}$	$\frac{297}{740}$	$\Phi_{740}^4\ \Phi_{370}\ \Phi_{185}\ \Phi_{148}^4\ \Phi_{20}^4\ \Phi_{10}\ \Phi_4^4$
136423	1772	1449	$\frac{1}{161}$	$\frac{323}{1449}$	$\frac{160}{483}$	$\frac{563}{1449}$	$\Phi_{1449}\ \Phi_{483}^2\ \Phi_{207}\ \Phi_{161}\ \Phi_{69}^2\ \Phi_{63}\ \Phi_{23}\ \Phi_{21}^2\ \Phi_9\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
136424	1772	644	$\frac{1}{161}$	$\frac{40}{161}$	$\frac{201}{644}$	$\frac{121}{322}$	$\Phi_{644}^4\ \Phi_{161}^3\ \Phi_{92}^4\ \Phi_{28}^4\ \Phi_{23}^3\ \Phi_7^3\ \Phi_4^4\ \Phi_1^4$
136425	1772	2240	$\frac{5}{448}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{320}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
136426	1772	693	$\frac{1}{77}$	$\frac{38}{231}$	$\frac{193}{693}$	$\frac{250}{693}$	$\Phi_{693}^2\ \Phi_{231}^4\ \Phi_{99}^2\ \Phi_{77}^3\ \Phi_{63}^2\ \Phi_{33}^4\ \Phi_{21}^4\ \Phi_{11}^3\ \Phi_9^2\ \Phi_7^3\ \Phi_3^4\ \Phi_1^4$
136427	1772	3330	$\frac{1}{111}$	$\frac{1}{5}$	$\frac{110}{333}$	$\frac{223}{666}$	$\Phi_{3330}\ \Phi_{1110}\ \Phi_{555}\ \Phi_{370}\ \Phi_{185}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
136428	1772	663	$\frac{1}{221}$	$\frac{220}{663}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{663}^3\ \Phi_{221}^2\ \Phi_{51}^3\ \Phi_{39}^3\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_3^4\ \Phi_1^4$
136429	1772	1365	$\frac{12}{455}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}^2\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}^2\ \Phi_{65}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
136430	1772	1428	$\frac{1}{34}$	$\frac{33}{476}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}^2\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{204}\ \Phi_{119}^2\ \Phi_{84}\ \Phi_{68}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
136431	1772	459	$\frac{16}{459}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{459}^4\ \Phi_{153}^4\ \Phi_{51}^3\ \Phi_{27}^4\ \Phi_{17}^2\ \Phi_9^4\ \Phi_3^4\ \Phi_1^4$
136432	1772	468	$\frac{1}{26}$	$\frac{25}{468}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^4\ \Phi_{117}^4\ \Phi_{78}^3\ \Phi_{52}^4\ \Phi_{39}^3\ \Phi_{36}^4\ \Phi_{26}^2\ \Phi_{18}^4\ \Phi_{13}^2\ \Phi_{12}^4\ \Phi_9^4\ \Phi_6^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
136433	1772	2940	$\frac{2}{147}$	$\frac{1}{5}$	$\frac{145}{588}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{980}\ \Phi_{490}\ \Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{70}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
136434	1772	450	$\frac{7}{450}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{45}^3\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
136435	1772	2520	$\frac{2}{63}$	$\frac{61}{504}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{120}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
136436	1772	2310	$\frac{19}{462}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{110}\ \Phi_{70}\ \Phi_{55}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
136437	1772	660	$\frac{3}{220}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{217}{660}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{165}^4\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{60}^4\ \Phi_{33}^4\ \Phi_{30}^4\ \Phi_{20}\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^4\ \Phi_3^4$
136438	1772	1035	$\frac{1}{23}$	$\frac{47}{345}$	$\frac{149}{1035}$	$\frac{22}{69}$	$\Phi_{1035}^2\ \Phi_{345}\ \Phi_{207}^2\ \Phi_{115}\ \Phi_{69}^2\ \Phi_{45}^2\ \Phi_{23}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
136439	1772	3240	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{205}{648}$	$\Phi_{3240}\ \Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
136440	1772	1287	$\frac{28}{429}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{401}{1287}$	$\Phi_{1287}^2\ \Phi_{117}^2\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
136441	1772	2340	$\frac{25}{468}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{65}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
136442	1772	621	$\frac{1}{23}$	$\frac{29}{207}$	$\frac{11}{69}$	$\frac{178}{621}$	$\Phi_{621}^4\ \Phi_{69}^2\ \Phi_{27}^4\ \Phi_{23}\ \Phi_3^2\ \Phi_1^2$
136443	1772	1035	$\frac{1}{23}$	$\frac{149}{1035}$	$\frac{11}{69}$	$\frac{58}{207}$	$\Phi_{1035}^2\ \Phi_{345}^2\ \Phi_{115}^2\ \Phi_{69}^2\ \Phi_{45}^2\ \Phi_{23}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
136444	1772	594	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{47}{198}$	$\frac{151}{594}$	$\Phi_{594}^4\ \Phi_{297}^4\ \Phi_{99}^2\ \Phi_{54}^4\ \Phi_{33}^2\ \Phi_{27}^4\ \Phi_{11}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
136445	1772	2640	$\frac{3}{88}$	$\frac{85}{528}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{880}\ \Phi_{660}\ \Phi_{330}\ \Phi_{240}\ \Phi_{165}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
136446	1772	460	$\frac{17}{460}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{460}^4\ \Phi_{230}^4\ \Phi_{115}^4\ \Phi_{92}^4\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{20}\ \Phi_{10}$
136447	1772	2420	$\frac{3}{44}$	$\frac{41}{484}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2420}\ \Phi_{1210}\ \Phi_{605}\ \Phi_{20}\ \Phi_{10}$
136448	1772	480	$\frac{3}{40}$	$\frac{37}{480}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^4\ \Phi_3^4$
136449	1772	2880	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{133}{576}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{160}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
136450	1772	480	$\frac{37}{480}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{48}$	$\Phi_{480}^4\ \Phi_{240}^3\ \Phi_{160}^4\ \Phi_{120}^3\ \Phi_{96}^4\ \Phi_{80}^3\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^3\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
136451	1772	552	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{109}{552}$	$\frac{29}{138}$	$\Phi_{552}^4\ \Phi_{276}^4\ \Phi_{184}^4\ \Phi_{92}^4\ \Phi_{69}^2\ \Phi_{24}^4\ \Phi_{23}\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3^2\ \Phi_1^2$
136452	1772	540	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{540}$	$\frac{1}{5}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^4\ \Phi_{90}^3\ \Phi_{60}^4\ \Phi_{54}^4\ \Phi_{45}^3\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
136453	1772	2520	$\frac{1}{12}$	$\frac{61}{504}$	$\frac{11}{72}$	$\frac{1}{5}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
136454	1773	3536	$\frac{5}{1768}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1763}{3536}$	$\Phi_{3536}\ \Phi_{272}\ \Phi_{208}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
136455	1773	2368	$\frac{3}{592}$	$\frac{1}{4}$	$\frac{595}{2368}$	$\frac{589}{1184}$	$\Phi_{2368}\ \Phi_{592}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}\ \Phi_{64}\ \Phi_{37}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
136456	1773	784	$\frac{1}{196}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{195}{392}$	$\Phi_{784}^{4}\ \Phi_{392}\ \Phi_{112}^{4}\ \Phi_{56}\ \Phi_{16}^{5}\ \Phi_{8}\ \Phi_{1}$
136457	1773	392	$\frac{1}{196}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{195}{392}$	$\Phi_{392}^{9}\ \Phi_{56}^{9}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
136458	1773	3520	$\frac{13}{1760}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1747}{3520}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{64}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
136459	1773	390	$\frac{2}{195}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{193}{390}$	$\Phi_{390}^{4}\ \Phi_{195}^{5}\ \Phi_{130}^{4}\ \Phi_{78}^{4}\ \Phi_{65}^{5}\ \Phi_{39}^{5}\ \Phi_{30}^{5}\ \Phi_{26}^{4}\ \Phi_{15}^{6}\ \Phi_{13}^{5}\ \Phi_{10}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
136460	1773	1168	$\frac{7}{584}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{577}{1168}$	$\Phi_{1168}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
136461	1773	1320	$\frac{1}{66}$	$\frac{1}{10}$	$\frac{67}{264}$	$\frac{65}{132}$	$\Phi_{1320}^{2}\ \Phi_{440}^{2}\ \Phi_{330}^{2}\ \Phi_{264}\ \Phi_{165}^{2}\ \Phi_{120}^{2}\ \Phi_{110}^{2}\ \Phi_{88}\ \Phi_{66}\ \Phi_{55}^{2}\ \Phi_{40}^{2}\ \Phi_{33}\ \Phi_{30}^{2}\ \Phi_{24}\ \Phi_{22}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
136462	1773	384	$\frac{5}{192}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{187}{384}$	$\Phi_{384}^{9}\ \Phi_{128}^{9}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
136463	1773	1920	$\frac{5}{192}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{187}{384}$	$\Phi_{1920}^{2}\ \Phi_{640}^{2}\ \Phi_{384}\ \Phi_{128}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
136464	1773	1890	$\frac{8}{189}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{181}{378}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{90}^{2}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}^{2}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
136465	1773	220	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{23}{220}$	$\frac{21}{44}$	$\Phi_{220}^{7}\ \Phi_{110}^{9}\ \Phi_{55}^{9}\ \Phi_{44}^{8}\ \Phi_{22}^{9}\ \Phi_{20}^{7}\ \Phi_{11}^{9}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
136466	1773	1870	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{177}{374}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{187}\ \Phi_{170}\ \Phi_{110}^{2}\ \Phi_{85}\ \Phi_{55}^{2}\ \Phi_{22}\ \Phi_{17}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
136467	1773	1080	$\frac{1}{18}$	$\frac{19}{216}$	$\frac{1}{10}$	$\frac{17}{36}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{270}^{2}\ \Phi_{216}\ \Phi_{135}^{2}\ \Phi_{120}^{2}\ \Phi_{108}\ \Phi_{90}^{2}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
136468	1773	608	$\frac{17}{608}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{608}^{3}\ \Phi_{304}^{3}\ \Phi_{152}^{3}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{19}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
136469	1773	740	$\frac{1}{37}$	$\frac{12}{185}$	$\frac{1}{4}$	$\frac{173}{370}$	$\Phi_{740}^{3}\ \Phi_{185}^{3}\ \Phi_{148}^{4}\ \Phi_{74}\ \Phi_{37}^{3}\ \Phi_{20}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
136470	1773	3256	$\frac{3}{148}$	$\frac{145}{1628}$	$\frac{1}{4}$	$\frac{1483}{3256}$	$\Phi_{3256}\ \Phi_{296}\ \Phi_{148}\ \Phi_{88}\ \Phi_{74}\ \Phi_{37}\ \Phi_{8}\ \Phi_{1}$
136471	1773	360	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{1}{10}$	$\frac{163}{360}$	$\Phi_{360}^{9}\ \Phi_{120}^{9}\ \Phi_{90}^{2}\ \Phi_{72}^{9}\ \Phi_{45}^{2}\ \Phi_{40}^{9}\ \Phi_{30}^{2}\ \Phi_{24}^{9}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}^{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
136472	1773	1760	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{21}{176}$	$\frac{155}{352}$	$\Phi_{1760}^{2}\ \Phi_{352}\ \Phi_{160}^{2}\ \Phi_{110}^{2}\ \Phi_{55}^{2}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
136473	1773	2352	$\frac{1}{98}$	$\frac{1}{8}$	$\frac{97}{294}$	$\frac{7}{16}$	$\Phi_{2352}^{2}\ \Phi_{336}^{2}\ \Phi_{294}\ \Phi_{147}\ \Phi_{48}^{2}\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
136474	1773	400	$\frac{3}{200}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{400}^{8}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}^{8}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}^{5}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
136475	1773	3920	$\frac{1}{49}$	$\frac{1}{8}$	$\frac{48}{245}$	$\frac{7}{16}$	$\Phi_{3920}\ \Phi_{560}\ \Phi_{245}\ \Phi_{80}\ \Phi_{35}\ \Phi_{16}\ \Phi_{5}\ \Phi_{1}$
136476	1773	3248	$\frac{6}{203}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{3248}\ \Phi_{464}\ \Phi_{203}\ \Phi_{29}\ \Phi_{16}\ \Phi_{1}$
136477	1773	224	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{224}^{9}\ \Phi_{112}^{5}\ \Phi_{56}^{9}\ \Phi_{32}^{9}\ \Phi_{28}^{8}\ \Phi_{16}^{6}\ \Phi_{14}^{8}\ \Phi_{8}^{9}\ \Phi_{7}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
136478	1773	1680	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1680}^{2}\ \Phi_{560}^{2}\ \Phi_{336}^{2}\ \Phi_{240}^{2}\ \Phi_{210}\ \Phi_{105}\ \Phi_{80}^{2}\ \Phi_{70}\ \Phi_{48}^{2}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
136479	1773	1036	$\frac{1}{74}$	$\frac{73}{518}$	$\frac{1}{4}$	$\frac{445}{1036}$	$\Phi_{1036}\ \Phi_{518}^{2}\ \Phi_{259}^{2}\ \Phi_{148}^{3}\ \Phi_{74}^{3}\ \Phi_{37}^{3}\ \Phi_{28}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
136480	1773	1020	$\frac{7}{204}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{340}^{2}\ \Phi_{255}^{2}\ \Phi_{204}\ \Phi_{170}^{2}\ \Phi_{102}\ \Phi_{85}^{2}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{30}^{2}\ \Phi_{17}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
136481	1773	1792	$\frac{19}{1792}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
136482	1773	330	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{32}{165}$	$\frac{133}{330}$	$\Phi_{330}^{5}\ \Phi_{165}^{6}\ \Phi_{110}^{5}\ \Phi_{66}^{5}\ \Phi_{55}^{6}\ \Phi_{33}^{5}\ \Phi_{30}^{5}\ \Phi_{22}^{5}\ \Phi_{15}^{6}\ \Phi_{11}^{5}\ \Phi_{10}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
136483	1773	2960	$\frac{3}{296}$	$\frac{293}{1480}$	$\frac{1}{4}$	$\frac{1187}{2960}$	$\Phi_{2960}\ \Phi_{592}\ \Phi_{296}\ \Phi_{148}\ \Phi_{80}\ \Phi_{74}\ \Phi_{37}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
136484	1773	1904	$\frac{5}{136}$	$\frac{131}{1904}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{272}\ \Phi_{238}\ \Phi_{119}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
136485	1773	208	$\frac{5}{104}$	$\frac{11}{208}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{208}^{9}\ \Phi_{104}^{8}\ \Phi_{52}^{8}\ \Phi_{26}^{8}\ \Phi_{16}^{9}\ \Phi_{13}^{8}\ \Phi_{8}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
136486	1773	296	$\frac{1}{148}$	$\frac{1}{4}$	$\frac{49}{148}$	$\frac{99}{296}$	$\Phi_{296}^{9}\ \Phi_{148}^{3}\ \Phi_{74}^{3}\ \Phi_{37}^{3}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
136487	1773	213	$\frac{2}{71}$	$\frac{16}{213}$	$\frac{23}{71}$	$\frac{1}{3}$	$\Phi_{213}^{8}\ \Phi_{71}^{9}\ \Phi_{3}^{7}\ \Phi_{1}^{9}$
136488	1773	1170	$\frac{2}{39}$	$\frac{1}{10}$	$\frac{37}{234}$	$\frac{1}{3}$	$\Phi_{1170}^{2}\ \Phi_{585}^{2}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{130}\ \Phi_{117}\ \Phi_{90}^{2}\ \Phi_{65}\ \Phi_{45}^{2}\ \Phi_{39}\ \Phi_{30}^{2}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{13}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
136489	1773	210	$\frac{13}{210}$	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{210}^{9}\ \Phi_{105}^{9}\ \Phi_{70}^{9}\ \Phi_{42}^{9}\ \Phi_{35}^{9}\ \Phi_{30}^{5}\ \Phi_{21}^{9}\ \Phi_{15}^{6}\ \Phi_{14}^{9}\ \Phi_{10}^{4}\ \Phi_{7}^{9}\ \Phi_{6}^{5}\ \Phi_{5}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
136490	1773	588	$\frac{1}{98}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{97}{294}$	$\Phi_{588}^{4}\ \Phi_{294}^{5}\ \Phi_{147}^{5}\ \Phi_{84}^{4}\ \Phi_{42}^{5}\ \Phi_{21}^{5}\ \Phi_{12}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
136491	1773	880	$\frac{13}{880}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{289}{880}$	$\Phi_{880}^{2}\ \Phi_{440}^{2}\ \Phi_{220}^{2}\ \Phi_{176}^{2}\ \Phi_{110}^{2}\ \Phi_{88}^{2}\ \Phi_{80}^{2}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{40}^{2}\ \Phi_{22}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
136492	1773	444	$\frac{1}{37}$	$\frac{25}{222}$	$\frac{1}{4}$	$\frac{12}{37}$	$\Phi_{444}^{6}\ \Phi_{222}^{3}\ \Phi_{148}^{4}\ \Phi_{111}^{3}\ \Phi_{74}\ \Phi_{37}^{3}\ \Phi_{12}^{6}\ \Phi_{6}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
136493	1773	288	$\frac{5}{96}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{91}{288}$	$\Phi_{288}^{9}\ \Phi_{144}^{9}\ \Phi_{72}^{9}\ \Phi_{36}^{9}\ \Phi_{18}^{9}\ \Phi_{16}^{3}\ \Phi_{9}^{9}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
136494	1773	1440	$\frac{5}{96}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{91}{288}$	$\Phi_{1440}^{2}\ \Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{288}\ \Phi_{180}^{2}\ \Phi_{144}\ \Phi_{90}^{2}\ \Phi_{72}\ \Phi_{45}^{2}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
136495	1773	208	$\frac{11}{208}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{208}^{9}\ \Phi_{104}^{9}\ \Phi_{52}^{9}\ \Phi_{26}^{9}\ \Phi_{16}^{3}\ \Phi_{13}^{9}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
136496	1773	1080	$\frac{19}{216}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}^{2}\ \Phi_{135}\ \Phi_{120}^{2}\ \Phi_{108}\ \Phi_{90}^{2}\ \Phi_{72}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
136497	1773	270	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{17}{90}$	$\frac{73}{270}$	$\Phi_{270}^{9}\ \Phi_{135}^{9}\ \Phi_{90}^{2}\ \Phi_{54}^{9}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{27}^{9}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
136498	1773	1320	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{21}{88}$	$\frac{67}{264}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{264}\ \Phi_{165}^{2}\ \Phi_{132}\ \Phi_{120}^{2}\ \Phi_{110}^{2}\ \Phi_{66}\ \Phi_{60}^{2}\ \Phi_{55}^{2}\ \Phi_{33}\ \Phi_{30}^{2}\ \Phi_{24}\ \Phi_{22}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{11}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
136499	1773	200	$\frac{3}{200}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{200}^{9}\ \Phi_{100}^{9}\ \Phi_{50}^{9}\ \Phi_{40}^{9}\ \Phi_{25}^{9}\ \Phi_{20}^{9}\ \Phi_{10}^{9}\ \Phi_{8}^{9}\ \Phi_{5}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
136500	1773	784	$\frac{3}{196}$	$\frac{193}{784}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{784}^{3}\ \Phi_{392}^{3}\ \Phi_{112}^{3}\ \Phi_{56}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
136501	1773	980	$\frac{1}{49}$	$\frac{48}{245}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{980}^{2}\ \Phi_{490}^{2}\ \Phi_{245}^{3}\ \Phi_{140}^{2}\ \Phi_{70}^{2}\ \Phi_{35}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
136502	1773	812	$\frac{6}{203}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{812}^{2}\ \Phi_{406}^{2}\ \Phi_{203}^{3}\ \Phi_{116}^{2}\ \Phi_{58}^{2}\ \Phi_{29}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
136503	1773	224	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{224}^{9}\ \Phi_{112}^{9}\ \Phi_{56}^{9}\ \Phi_{32}^{9}\ \Phi_{16}^{9}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
136504	1773	616	$\frac{25}{616}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{616}^{3}\ \Phi_{308}^{3}\ \Phi_{154}^{3}\ \Phi_{88}^{3}\ \Phi_{77}^{3}\ \Phi_{56}^{3}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
136505	1773	420	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{420}^{4}\ \Phi_{210}^{5}\ \Phi_{140}^{4}\ \Phi_{105}^{5}\ \Phi_{84}^{4}\ \Phi_{70}^{5}\ \Phi_{60}^{4}\ \Phi_{42}^{5}\ \Phi_{35}^{5}\ \Phi_{30}^{5}\ \Phi_{21}^{5}\ \Phi_{20}^{4}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{10}^{5}\ \Phi_{6}^{5}\ \Phi_{5}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
136506	1773	640	$\frac{1}{16}$	$\frac{49}{640}$	$\frac{15}{64}$	$\frac{1}{4}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{128}^{3}\ \Phi_{80}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
136507	1773	256	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{59}{256}$	$\frac{1}{4}$	$\Phi_{256}^{9}\ \Phi_{128}^{9}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
136508	1773	740	$\frac{1}{37}$	$\frac{36}{185}$	$\frac{149}{740}$	$\frac{1}{4}$	$\Phi_{740}^{2}\ \Phi_{370}^{2}\ \Phi_{185}^{3}\ \Phi_{148}^{3}\ \Phi_{74}^{3}\ \Phi_{37}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
136509	1773	1840	$\frac{67}{1840}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{368}\ \Phi_{230}\ \Phi_{184}\ \Phi_{115}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
136510	1773	704	$\frac{13}{352}$	$\frac{113}{704}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{704}^{3}\ \Phi_{352}^{2}\ \Phi_{176}^{2}\ \Phi_{88}^{2}\ \Phi_{64}^{3}\ \Phi_{44}^{2}\ \Phi_{32}^{2}\ \Phi_{22}^{2}\ \Phi_{16}^{3}\ \Phi_{11}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
136511	1773	1936	$\frac{13}{176}$	$\frac{163}{1936}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{121}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
136512	1773	640	$\frac{49}{640}$	$\frac{13}{160}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{160}^{2}\ \Phi_{128}^{3}\ \Phi_{80}^{2}\ \Phi_{64}^{3}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
136513	1773	240	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{43}{240}$	$\frac{1}{4}$	$\Phi_{240}^{9}\ \Phi_{120}^{9}\ \Phi_{80}^{9}\ \Phi_{60}^{9}\ \Phi_{40}^{9}\ \Phi_{30}^{9}\ \Phi_{20}^{9}\ \Phi_{16}^{3}\ \Phi_{15}^{9}\ \Phi_{10}^{9}\ \Phi_{8}^{3}\ \Phi_{5}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
136514	1773	224	$\frac{1}{16}$	$\frac{27}{224}$	$\frac{5}{32}$	$\frac{1}{4}$	$\Phi_{224}^{9}\ \Phi_{112}^{9}\ \Phi_{56}^{9}\ \Phi_{28}^{9}\ \Phi_{16}^{3}\ \Phi_{14}^{9}\ \Phi_{8}^{3}\ \Phi_{7}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
136515	1773	1260	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{252}$	$\Phi_{1260}^{2}\ \Phi_{630}\ \Phi_{420}^{2}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}^{2}\ \Phi_{140}^{2}\ \Phi_{105}\ \Phi_{90}^{2}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
136516	1773	1080	$\frac{19}{216}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{270}^{2}\ \Phi_{216}\ \Phi_{180}^{2}\ \Phi_{135}^{2}\ \Phi_{108}\ \Phi_{90}^{2}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}^{2}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
136517	1773	240	$\frac{1}{10}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{240}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{80}^7\ \Phi_{60}^7\ \Phi_{48}^8\ \Phi_{40}^7\ \Phi_{30}^9\ \Phi_{24}^8\ \Phi_{20}^7\ \Phi_{16}^8\ \Phi_{15}^9\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_8^8\ \Phi_6^9\ \Phi_5^8\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
136518	1774	1770	$\frac{2}{885}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{883}{1770}$	$\Phi_{1770}^2\ \Phi_{590}^2\ \Phi_{354}^2\ \Phi_{118}^2\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
136519	1774	3552	$\frac{1}{296}$	$\frac{297}{1184}$	$\frac{1}{3}$	$\frac{295}{592}$	$\Phi_{3552}\ \Phi_{888}\ \Phi_{444}\ \Phi_{222}\ \Phi_{111}\ \Phi_{96}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
136520	1774	5304	$\frac{3}{884}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{881}{1768}$	$\Phi_{5304}\ \Phi_{408}\ \Phi_{312}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
136521	1774	1576	$\frac{1}{197}$	$\frac{99}{788}$	$\frac{689}{1576}$	$\frac{98}{197}$	$\Phi_{1576}^2\ \Phi_{197}\ \Phi_8^2\ \Phi_1^2$
136522	1774	1182	$\frac{1}{197}$	$\frac{295}{1182}$	$\frac{99}{394}$	$\frac{98}{197}$	$\Phi_{1182}^2\ \Phi_{591}^2\ \Phi_{197}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
136523	1774	1764	$\frac{5}{882}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{877}{1764}$	$\Phi_{1764}^2\ \Phi_{588}^2\ \Phi_{252}^2\ \Phi_{196}^2\ \Phi_{84}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
136524	1774	1764	$\frac{5}{882}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{877}{1764}$	$\Phi_{1764}^2\ \Phi_{588}^2\ \Phi_{252}^2\ \Phi_{196}^2\ \Phi_{84}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
136525	1774	5280	$\frac{7}{880}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{873}{1760}$	$\Phi_{5280}\ \Phi_{1056}\ \Phi_{480}\ \Phi_{96}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
136526	1774	1755	$\frac{19}{1755}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{868}{1755}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_{13}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
136527	1774	1752	$\frac{11}{876}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{865}{1752}$	$\Phi_{1752}^2\ \Phi_{584}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
136528	1774	1188	$\frac{4}{297}$	$\frac{1}{9}$	$\frac{301}{1188}$	$\frac{293}{594}$	$\Phi_{1188}^2\ \Phi_{396}^2\ \Phi_{297}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{99}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
136529	1774	1728	$\frac{23}{864}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{841}{1728}$	$\Phi_{1728}^2\ \Phi_{576}^2\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
136530	1774	1728	$\frac{23}{864}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{841}{1728}$	$\Phi_{1728}^2\ \Phi_{576}^2\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
136531	1774	990	$\frac{4}{99}$	$\frac{103}{990}$	$\frac{1}{9}$	$\frac{95}{198}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
136532	1774	912	$\frac{25}{912}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{24}^2\ \Phi_{19}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
136533	1774	5106	$\frac{1}{37}$	$\frac{36}{851}$	$\frac{1}{3}$	$\frac{815}{1702}$	$\Phi_{5106}\ \Phi_{222}\ \Phi_{138}\ \Phi_{111}\ \Phi_6$
136534	1774	1701	$\frac{73}{1701}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{814}{1701}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{243}\ \Phi_{189}\ \Phi_{81}^2\ \Phi_{63}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
136535	1774	972	$\frac{4}{81}$	$\frac{85}{972}$	$\frac{1}{9}$	$\frac{77}{162}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{243}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
136536	1774	1683	$\frac{91}{1683}$	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{796}{1683}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}\ \Phi_{99}^2\ \Phi_{51}\ \Phi_{33}^2\ \Phi_{17}\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
136537	1774	1665	$\frac{2}{111}$	$\frac{109}{1665}$	$\frac{1}{3}$	$\frac{778}{1665}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{333}\ \Phi_{185}\ \Phi_{111}^2\ \Phi_{45}\ \Phi_{37}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
136538	1774	4884	$\frac{1}{74}$	$\frac{73}{814}$	$\frac{1}{3}$	$\frac{741}{1628}$	$\Phi_{4884}\ \Phi_{444}\ \Phi_{222}\ \Phi_{132}\ \Phi_{111}\ \Phi_{12}\ \Phi_6$
136539	1774	1620	$\frac{4}{81}$	$\frac{77}{810}$	$\frac{1}{9}$	$\frac{733}{1620}$	$\Phi_{1620}^2\ \Phi_{540}^2\ \Phi_{324}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
136540	1774	1323	$\frac{5}{441}$	$\frac{1}{9}$	$\frac{436}{1323}$	$\frac{4}{9}$	$\Phi_{1323}^2\ \Phi_{189}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
136541	1774	900	$\frac{13}{900}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
136542	1774	1008	$\frac{5}{126}$	$\frac{1}{9}$	$\frac{121}{1008}$	$\frac{4}{9}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
136543	1774	945	$\frac{58}{945}$	$\frac{5}{63}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
136544	1774	1584	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{95}{792}$	$\frac{697}{1584}$	$\Phi_{1584}^2\ \Phi_{528}^2\ \Phi_{176}^2\ \Phi_{144}^2\ \Phi_{99}^2\ \Phi_{48}^2\ \Phi_{33}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
136545	1774	2688	$\frac{9}{896}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
136546	1774	1554	$\frac{1}{111}$	$\frac{110}{777}$	$\frac{1}{3}$	$\frac{667}{1554}$	$\Phi_{1554}^2\ \Phi_{518}^2\ \Phi_{222}^2\ \Phi_{111}^2\ \Phi_{74}^2\ \Phi_{42}^2\ \Phi_{37}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
136547	1774	918	$\frac{31}{918}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{27}^2\ \Phi_{17}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
136548	1774	1485	$\frac{8}{297}$	$\frac{1}{9}$	$\frac{289}{1485}$	$\frac{598}{1485}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}^2\ \Phi_{165}\ \Phi_{135}\ \Phi_{99}^2\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
136549	1774	4440	$\frac{1}{148}$	$\frac{147}{740}$	$\frac{1}{3}$	$\frac{593}{1480}$	$\Phi_{4440}\ \Phi_{888}\ \Phi_{444}\ \Phi_{222}\ \Phi_{120}\ \Phi_{111}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
136550	1774	1332	$\frac{1}{222}$	$\frac{221}{666}$	$\frac{1}{3}$	$\frac{445}{1332}$	$\Phi_{1332}^2\ \Phi_{444}^2\ \Phi_{222}^2\ \Phi_{148}^2\ \Phi_{111}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
136551	1774	1062	$\frac{2}{177}$	$\frac{175}{1062}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1062}^2\ \Phi_{531}^2\ \Phi_{354}^2\ \Phi_{118}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
136552	1774	900	$\frac{13}{900}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
136553	1774	1320	$\frac{7}{440}$	$\frac{1}{8}$	$\frac{433}{1320}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}^2\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
136554	1774	999	$\frac{2}{111}$	$\frac{112}{999}$	$\frac{109}{333}$	$\frac{1}{3}$	$\Phi_{999}^2\ \Phi_{333}\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
136555	1774	936	$\frac{1}{24}$	$\frac{49}{936}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
136556	1774	1296	$\frac{1}{24}$	$\frac{23}{432}$	$\frac{409}{1296}$	$\frac{1}{3}$	$\Phi_{1296}^2\ \Phi_{648}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
136557	1774	900	$\frac{13}{900}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
136558	1774	2856	$\frac{3}{68}$	$\frac{65}{952}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{408}\ \Phi_{357}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
136559	1774	936	$\frac{49}{936}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
136560	1774	1176	$\frac{5}{294}$	$\frac{1}{6}$	$\frac{289}{1176}$	$\frac{1}{3}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{392}^2\ \Phi_{196}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
136561	1774	960	$\frac{1}{24}$	$\frac{73}{960}$	$\frac{23}{96}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
136562	1774	1152	$\frac{1}{24}$	$\frac{23}{288}$	$\frac{265}{1152}$	$\frac{1}{3}$	$\Phi_{1152}^2\ \Phi_{576}^2\ \Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
136563	1774	1110	$\frac{2}{111}$	$\frac{109}{555}$	$\frac{223}{1110}$	$\frac{1}{3}$	$\Phi_{1110}^2\ \Phi_{555}\ \Phi_{370}^2\ \Phi_{222}^2\ \Phi_{185}\ \Phi_{111}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
136564	1774	1080	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{193}{1080}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
136565	1774	2760	$\frac{33}{920}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
136566	1774	1008	$\frac{5}{126}$	$\frac{121}{1008}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
136567	1774	924	$\frac{37}{924}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
136568	1774	1056	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{169}{1056}$	$\frac{1}{3}$	$\Phi_{1056}^2\ \Phi_{528}\ \Phi_{352}^2\ \Phi_{264}\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{96}^2\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
136569	1774	1008	$\frac{1}{24}$	$\frac{121}{1008}$	$\frac{23}{144}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
136570	1774	960	$\frac{73}{960}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
136571	1774	2904	$\frac{7}{88}$	$\frac{81}{968}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{2904}\ \Phi_{1452}\ \Phi_{726}\ \Phi_{363}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
136572	1774	1296	$\frac{23}{432}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{409}{1296}$	$\Phi_{1296}^2\ \Phi_{648}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
136573	1774	972	$\frac{85}{972}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{243}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{243}\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
136574	1774	1053	$\frac{19}{351}$	$\frac{1}{9}$	$\frac{166}{1053}$	$\frac{8}{27}$	$\Phi_{1053}^2\ \Phi_{351}\ \Phi_{117}\ \Phi_{81}^2\ \Phi_{39}\ \Phi_{27}^2\ \Phi_{13}\ \Phi_9\ \Phi_3\ \Phi_1^2$
136575	1774	945	$\frac{58}{945}$	$\frac{1}{9}$	$\frac{19}{135}$	$\frac{8}{27}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_9\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
136576	1774	1215	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{77}{405}$	$\frac{328}{1215}$	$\Phi_{1215}^2\ \Phi_{243}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
136577	1774	1188	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{95}{396}$	$\frac{301}{1188}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{297}^2\ \Phi_{108}^2\ \Phi_{99}^2\ \Phi_{54}^2\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
136578	1774	1134	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{567}$	$\frac{247}{1134}$	$\Phi_{1134}^2\ \Phi_{567}\ \Phi_{378}^2\ \Phi_{189}\ \Phi_{162}^2\ \Phi_{126}^2\ \Phi_{81}^2\ \Phi_{63}\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9\ \Phi_7\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
136579	1774	972	$\frac{85}{972}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{108}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
136580	1774	1080	$\frac{23}{216}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{193}{1080}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
136581	1775	1416	$\frac{1}{354}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{353}{708}$	$\Phi_{1416}^2\ \Phi_{708}\ \Phi_{472}^2\ \Phi_{236}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
136582	1775	2112	$\frac{3}{352}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{349}{704}$	$\Phi_{2112}^2\ \Phi_{704}\ \Phi_{192}^2\ \Phi_{64}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
136583	1775	1680	$\frac{1}{70}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{69}{140}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{140}\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{48}^3\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
136584	1775	3780	$\frac{1}{70}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{69}{140}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{108}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{20}\ \Phi_9\ \Phi_4\ \Phi_1$
136585	1775	1260	$\frac{1}{70}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{69}{140}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}^3\ \Phi_9^3\ \Phi_4\ \Phi_1$
136586	1775	140	$\frac{1}{70}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{69}{140}$	$\Phi_{140}^{13}\ \Phi_{70}^{12}\ \Phi_{35}^{12}\ \Phi_{28}^{14}\ \Phi_{20}^{13}\ \Phi_{14}^{13}\ \Phi_{10}^{12}\ \Phi_7^{13}\ \Phi_5^{12}\ \Phi_4^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
136587	1775	1120	$\frac{1}{70}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{69}{140}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{224}^2\ \Phi_{160}^2\ \Phi_{140}\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{32}^3\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
136588	1775	420	$\frac{1}{70}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{69}{140}$	$\Phi_{420}^8\ \Phi_{140}^9\ \Phi_{84}^8\ \Phi_{60}^8\ \Phi_{28}^9\ \Phi_{20}^9\ \Phi_{12}^8\ \Phi_6^4\ \Phi_4^9\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
136589	1775	1794	$\frac{2}{69}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{1794}\ \Phi_{897}\ \Phi_{598}\ \Phi_{299}\ \Phi_{78}^2\ \Phi_{69}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{23}\ \Phi_{13}\ \Phi_6\ \Phi_3\ \Phi_1$
136590	1775	1680	$\frac{1}{35}$	$\frac{1}{24}$	$\frac{34}{105}$	$\frac{23}{48}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{112}^2\ \Phi_{105}\ \Phi_{80}^2\ \Phi_{48}^3\ \Phi_{21}\ \Phi_{16}^3\ \Phi_{15}\ \Phi_3\ \Phi_1$
136591	1775	1248	$\frac{1}{26}$	$\frac{1}{24}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{1248}^2\ \Phi_{416}^2\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{96}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{32}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
136592	1775	1200	$\frac{1}{24}$	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{1200}^3\ \Phi_{400}^3\ \Phi_{240}^2\ \Phi_{80}^2\ \Phi_{75}\ \Phi_{48}^3\ \Phi_{25}\ \Phi_{16}^3\ \Phi_{15}\ \Phi_3\ \Phi_1$
136593	1775	336	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{23}{48}$	$\Phi_{336}^{10}\ \Phi_{112}^{10}\ \Phi_{84}\ \Phi_{48}^{11}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}^{11}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
136594	1775	3696	$\frac{1}{24}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{23}{48}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{176}\ \Phi_{77}\ \Phi_{48}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
136595	1775	240	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{23}{48}$	$\Phi_{240}^6\ \Phi_{120}^8\ \Phi_{80}^7\ \Phi_{60}^8\ \Phi_{48}^7\ \Phi_{40}^9\ \Phi_{30}^8\ \Phi_{24}^8\ \Phi_{20}^9\ \Phi_{16}^8\ \Phi_{15}^8\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_8^9\ \Phi_6^8\ \Phi_5^8\ \Phi_4^9\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
136596	1775	1768	$\frac{1}{26}$	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{1768}^2\ \Phi_{136}\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_4\ \Phi_1$
136597	1775	1716	$\frac{1}{26}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{1716}^2\ \Phi_{572}^2\ \Phi_{156}^2\ \Phi_{132}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{44}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
136598	1775	1664	$\frac{1}{26}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{1664}^2\ \Phi_{128}\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_4\ \Phi_1$
136599	1775	1040	$\frac{1}{26}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1040}^2\ \Phi_{520}^2\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{104}^2\ \Phi_{80}\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
136600	1775	1638	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{234}^2\ \Phi_{182}\ \Phi_{117}^2\ \Phi_{91}\ \Phi_{78}^2\ \Phi_{63}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{21}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
136601	1775	1560	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{120}\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{40}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
136602	1775	2856	$\frac{2}{357}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{357}\ \Phi_{168}\ \Phi_{136}\ \Phi_{119}\ \Phi_{56}\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}\ \Phi_8\ \Phi_7\ \Phi_1$
136603	1775	4248	$\frac{1}{177}$	$\frac{1}{4}$	$\frac{176}{531}$	$\frac{3}{8}$	$\Phi_{4248}\ \Phi_{531}\ \Phi_{72}\ \Phi_9\ \Phi_8\ \Phi_1$
136604	1775	472	$\frac{1}{118}$	$\frac{117}{472}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{472}^3\ \Phi_{236}^5\ \Phi_{118}^4\ \Phi_{59}^4\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
136605	1775	1416	$\frac{2}{177}$	$\frac{35}{177}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1416}^2\ \Phi_{472}^2\ \Phi_{177}^2\ \Phi_{59}^2\ \Phi_{24}^2\ \Phi_8^3\ \Phi_3^2\ \Phi_1^3$
136606	1775	72	$\frac{1}{72}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^{25}\ \Phi_{36}^{25}\ \Phi_{24}^{23}\ \Phi_{18}^{25}\ \Phi_{12}^{25}\ \Phi_9^{25}\ \Phi_8^{24}\ \Phi_6^{24}\ \Phi_4^{25}\ \Phi_3^{24}\ \Phi_2^{24}\ \Phi_1^{25}$
136607	1775	3304	$\frac{1}{59}$	$\frac{58}{413}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3304}\ \Phi_{413}\ \Phi_{56}\ \Phi_8\ \Phi_7\ \Phi_1$
136608	1775	1404	$\frac{1}{26}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{1404}^2\ \Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{108}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
136609	1775	534	$\frac{1}{89}$	$\frac{1}{6}$	$\frac{88}{267}$	$\frac{179}{534}$	$\Phi_{534}^3\ \Phi_{267}^4\ \Phi_{178}^3\ \Phi_{89}^3\ \Phi_6^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
136610	1775	945	$\frac{1}{35}$	$\frac{2}{27}$	$\frac{34}{105}$	$\frac{1}{3}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{135}^{2}\ \Phi_{105}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{27}^{3}\ \Phi_{21}\ \Phi_{15}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$
136611	1775	675	$\frac{4}{75}$	$\frac{2}{27}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{675}^{3}\ \Phi_{225}^{3}\ \Phi_{135}^{2}\ \Phi_{75}\ \Phi_{45}^{2}\ \Phi_{27}^{3}\ \Phi_{25}\ \Phi_{15}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$
136612	1775	756	$\frac{1}{14}$	$\frac{2}{27}$	$\frac{13}{84}$	$\frac{1}{3}$	$\Phi_{756}^{3}\ \Phi_{378}^{2}\ \Phi_{252}^{3}\ \Phi_{189}^{2}\ \Phi_{126}^{2}\ \Phi_{108}^{3}\ \Phi_{84}\ \Phi_{63}^{2}\ \Phi_{54}^{2}\ \Phi_{42}\ \Phi_{36}^{3}\ \Phi_{28}\ \Phi_{27}^{3}\ \Phi_{21}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
136613	1775	2079	$\frac{2}{27}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{297}\ \Phi_{99}\ \Phi_{77}\ \Phi_{27}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
136614	1775	2160	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{3}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
136615	1775	528	$\frac{3}{176}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{173}{528}$	$\Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{176}^{4}\ \Phi_{132}^{3}\ \Phi_{88}^{4}\ \Phi_{66}^{3}\ \Phi_{48}^{3}\ \Phi_{44}^{4}\ \Phi_{33}^{3}\ \Phi_{24}^{3}\ \Phi_{22}^{4}\ \Phi_{16}^{4}\ \Phi_{12}^{5}\ \Phi_{11}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
136616	1775	1260	$\frac{1}{35}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{34}{105}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{252}^{2}\ \Phi_{180}^{2}\ \Phi_{126}^{2}\ \Phi_{105}\ \Phi_{90}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{3}\ \Phi_{21}\ \Phi_{18}^{3}\ \Phi_{15}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$
136617	1775	420	$\frac{1}{35}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{34}{105}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{105}^{7}\ \Phi_{84}^{6}\ \Phi_{60}^{6}\ \Phi_{42}^{6}\ \Phi_{30}^{6}\ \Phi_{28}\ \Phi_{21}^{7}\ \Phi_{15}^{7}\ \Phi_{14}\ \Phi_{12}^{6}\ \Phi_{7}\ \Phi_{6}^{6}\ \Phi_{3}^{7}\ \Phi_{1}$
136618	1775	3360	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{34}{105}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{672}\ \Phi_{480}\ \Phi_{336}\ \Phi_{240}\ \Phi_{105}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{21}\ \Phi_{16}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
136619	1775	210	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{34}{105}$	$\Phi_{210}^{8}\ \Phi_{105}^{9}\ \Phi_{70}^{8}\ \Phi_{42}^{8}\ \Phi_{35}^{8}\ \Phi_{30}^{8}\ \Phi_{21}^{9}\ \Phi_{15}^{9}\ \Phi_{14}^{8}\ \Phi_{10}^{8}\ \Phi_{7}^{8}\ \Phi_{6}^{12}\ \Phi_{5}^{8}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
136620	1775	900	$\frac{4}{75}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{900}^{3}\ \Phi_{450}^{3}\ \Phi_{225}^{3}\ \Phi_{180}^{2}\ \Phi_{90}^{2}\ \Phi_{75}\ \Phi_{45}^{2}\ \Phi_{36}^{3}\ \Phi_{25}\ \Phi_{18}^{3}\ \Phi_{15}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$
136621	1775	252	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{84}$	$\frac{11}{36}$	$\Phi_{252}^{10}\ \Phi_{126}^{10}\ \Phi_{84}\ \Phi_{63}^{10}\ \Phi_{42}\ \Phi_{36}^{11}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}^{11}\ \Phi_{12}\ \Phi_{9}^{11}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
136622	1775	2772	$\frac{6}{77}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{36}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{77}\ \Phi_{36}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
136623	1775	720	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{11}{36}$	$\Phi_{720}^{4}\ \Phi_{360}^{4}\ \Phi_{180}^{2}\ \Phi_{144}^{4}\ \Phi_{90}^{2}\ \Phi_{80}\ \Phi_{72}^{4}\ \Phi_{45}^{2}\ \Phi_{40}\ \Phi_{36}^{3}\ \Phi_{20}\ \Phi_{18}^{3}\ \Phi_{16}\ \Phi_{9}^{3}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
136624	1775	77	$\frac{6}{77}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{77}^{23}\ \Phi_{11}^{22}\ \Phi_{7}^{25}\ \Phi_{1}^{25}$
136625	1775	1248	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{1248}^{2}\ \Phi_{624}^{2}\ \Phi_{312}^{2}\ \Phi_{156}^{2}\ \Phi_{104}^{2}\ \Phi_{96}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{48}\ \Phi_{39}^{2}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
136626	1775	2100	$\frac{4}{75}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{105}\ \Phi_{84}\ \Phi_{75}\ \Phi_{42}\ \Phi_{28}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
136627	1775	264	$\frac{3}{88}$	$\frac{1}{6}$	$\frac{17}{88}$	$\frac{1}{4}$	$\Phi_{264}^{8}\ \Phi_{132}^{8}\ \Phi_{88}^{4}\ \Phi_{66}^{8}\ \Phi_{44}^{4}\ \Phi_{33}^{8}\ \Phi_{24}^{8}\ \Phi_{22}^{4}\ \Phi_{12}^{10}\ \Phi_{11}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{9}\ \Phi_{4}^{5}\ \Phi_{3}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
136628	1775	1104	$\frac{13}{368}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1104}^{2}\ \Phi_{552}^{2}\ \Phi_{368}\ \Phi_{276}^{2}\ \Phi_{184}\ \Phi_{138}^{2}\ \Phi_{92}\ \Phi_{69}^{2}\ \Phi_{46}\ \Phi_{23}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
136629	1775	396	$\frac{3}{44}$	$\frac{41}{396}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{396}^{5}\ \Phi_{198}^{5}\ \Phi_{132}^{3}\ \Phi_{99}^{5}\ \Phi_{66}^{3}\ \Phi_{44}^{4}\ \Phi_{36}^{5}\ \Phi_{33}^{3}\ \Phi_{22}^{4}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{11}^{4}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
136630	1775	384	$\frac{29}{384}$	$\frac{3}{32}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{384}^{5}\ \Phi_{192}^{5}\ \Phi_{128}^{5}\ \Phi_{96}^{3}\ \Phi_{64}^{5}\ \Phi_{48}^{3}\ \Phi_{32}^{4}\ \Phi_{24}^{3}\ \Phi_{16}^{4}\ \Phi_{12}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
136631	1775	84	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{13}{84}$	$\frac{1}{4}$	$\Phi_{84}^{25}\ \Phi_{42}^{25}\ \Phi_{28}^{14}\ \Phi_{21}^{25}\ \Phi_{14}^{13}\ \Phi_{12}^{25}\ \Phi_{7}^{13}\ \Phi_{6}^{25}\ \Phi_{4}^{13}\ \Phi_{3}^{25}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
136632	1775	308	$\frac{6}{77}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{308}^{6}\ \Phi_{154}^{6}\ \Phi_{77}^{7}\ \Phi_{44}^{6}\ \Phi_{28}\ \Phi_{22}^{6}\ \Phi_{14}\ \Phi_{11}^{7}\ \Phi_{7}\ \Phi_{1}$
136633	1775	560	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{9}{80}$	$\frac{1}{4}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{140}^{2}\ \Phi_{112}^{4}\ \Phi_{80}\ \Phi_{70}^{2}\ \Phi_{56}^{4}\ \Phi_{40}\ \Phi_{35}^{2}\ \Phi_{28}^{3}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}^{3}\ \Phi_{8}\ \Phi_{7}^{3}\ \Phi_{4}\ \Phi_{1}$
136634	1775	2400	$\frac{4}{75}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{96}\ \Phi_{75}\ \Phi_{48}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
136635	1775	672	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{84}$	$\frac{7}{32}$	$\Phi_{672}^{4}\ \Phi_{336}^{4}\ \Phi_{224}^{2}\ \Phi_{112}^{2}\ \Phi_{96}^{4}\ \Phi_{84}\ \Phi_{48}^{4}\ \Phi_{42}\ \Phi_{32}^{3}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}^{3}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
136636	1775	2464	$\frac{6}{77}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{32}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{352}\ \Phi_{176}\ \Phi_{77}\ \Phi_{32}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
136637	1775	160	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{32}$	$\Phi_{160}^{14}\ \Phi_{80}^{7}\ \Phi_{40}^{9}\ \Phi_{32}^{15}\ \Phi_{20}^{9}\ \Phi_{16}^{8}\ \Phi_{10}^{8}\ \Phi_{8}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
136638	1775	150	$\frac{4}{75}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{150}^{12}\ \Phi_{75}^{13}\ \Phi_{50}^{12}\ \Phi_{30}^{8}\ \Phi_{25}^{13}\ \Phi_{15}^{9}\ \Phi_{10}^{8}\ \Phi_{6}^{12}\ \Phi_{5}^{8}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
136639	1775	84	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{84}^{25}\ \Phi_{42}^{17}\ \Phi_{28}^{25}\ \Phi_{21}^{17}\ \Phi_{14}^{16}\ \Phi_{12}^{25}\ \Phi_{7}^{16}\ \Phi_{6}^{21}\ \Phi_{4}^{25}\ \Phi_{3}^{21}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
136640	1775	462	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{77}^5\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{11}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
136641	1775	240	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{80}^9\ \Phi_{60}^8\ \Phi_{48}^8\ \Phi_{40}^9\ \Phi_{24}^8\ \Phi_{20}^9\ \Phi_{16}^9\ \Phi_{12}^8\ \Phi_{8}^9\ \Phi_{6}^4\ \Phi_{4}^9\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
136642	1776	1329	$\frac{1}{443}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{221}{443}$	$\Phi_{1329}\ \Phi_{443}^2\ \Phi_{3}^2\ \Phi_{1}^4$
136643	1776	355	$\frac{1}{355}$	$\frac{89}{355}$	$\frac{133}{355}$	$\frac{177}{355}$	$\Phi_{355}^5\ \Phi_{71}^5\ \Phi_{5}^5\ \Phi_{1}^6$
136644	1776	2667	$\frac{3}{889}$	$\frac{223}{889}$	$\frac{1}{3}$	$\frac{443}{889}$	$\Phi_{2667}\ \Phi_{381}\ \Phi_{21}$
136645	1776	295	$\frac{1}{295}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{147}{295}$	$\Phi_{295}^6\ \Phi_{59}^6\ \Phi_{5}^7\ \Phi_{1}^8$
136646	1776	3540	$\frac{1}{295}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{147}{295}$	$\Phi_{3540}\ \Phi_{1770}\ \Phi_{708}\ \Phi_{354}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_{6}^2$
136647	1776	1775	$\frac{7}{1775}$	$\frac{297}{1775}$	$\frac{739}{1775}$	$\frac{884}{1775}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^2$
136648	1776	1547	$\frac{1}{221}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{110}{221}$	$\Phi_{1547}\ \Phi_{221}^2\ \Phi_{119}\ \Phi_{91}\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_{7}^2\ \Phi_{1}^4$
136649	1776	3315	$\frac{1}{221}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{110}{221}$	$\Phi_{3315}\ \Phi_{255}\ \Phi_{195}\ \Phi_{15}^2$
136650	1776	2372	$\frac{3}{593}$	$\frac{1}{4}$	$\frac{149}{593}$	$\frac{295}{593}$	$\Phi_{2372}\ \Phi_{1186}$
136651	1776	1775	$\frac{9}{1775}$	$\frac{223}{1775}$	$\frac{776}{1775}$	$\frac{883}{1775}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^2$
136652	1776	1775	$\frac{9}{1775}$	$\frac{443}{1775}$	$\frac{446}{1775}$	$\frac{883}{1775}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^2$
136653	1776	2667	$\frac{5}{889}$	$\frac{149}{889}$	$\frac{1}{3}$	$\frac{442}{889}$	$\Phi_{2667}\ \Phi_{381}\ \Phi_{21}$
136654	1776	445	$\frac{3}{445}$	$\frac{1}{5}$	$\frac{112}{445}$	$\frac{221}{445}$	$\Phi_{445}^4\ \Phi_{89}^4\ \Phi_{5}^3\ \Phi_{1}^4$
136655	1776	1617	$\frac{1}{147}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{73}{147}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{231}\ \Phi_{147}^2\ \Phi_{77}\ \Phi_{49}^2\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
136656	1776	147	$\frac{1}{147}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{73}{147}$	$\Phi_{147}^{12}\ \Phi_{49}^{12}\ \Phi_{21}^{13}\ \Phi_{7}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
136657	1776	1617	$\frac{1}{147}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{73}{147}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{231}\ \Phi_{147}^2\ \Phi_{77}\ \Phi_{49}^2\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
136658	1776	2940	$\frac{1}{147}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{73}{147}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{980}\ \Phi_{490}\ \Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{70}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
136659	1776	1775	$\frac{13}{1775}$	$\frac{149}{1775}$	$\frac{813}{1775}$	$\frac{881}{1775}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^2$
136660	1776	1775	$\frac{13}{1775}$	$\frac{332}{1775}$	$\frac{447}{1775}$	$\frac{881}{1775}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^2$
136661	1776	381	$\frac{1}{127}$	$\frac{16}{127}$	$\frac{1}{3}$	$\frac{63}{127}$	$\Phi_{381}^7\ \Phi_{3}^6$
136662	1776	660	$\frac{1}{110}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{109}{220}$	$\Phi_{660}^5\ \Phi_{220}^6\ \Phi_{132}^5\ \Phi_{60}^5\ \Phi_{44}^6\ \Phi_{20}^6\ \Phi_{15}\ \Phi_{12}^5\ \Phi_{5}\ \Phi_{4}^6\ \Phi_{3}\ \Phi_{1}^2$
136663	1776	1980	$\frac{1}{110}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{109}{220}$	$\Phi_{1980}^2\ \Phi_{660}\ \Phi_{396}^2\ \Phi_{220}^2\ \Phi_{180}^2\ \Phi_{132}\ \Phi_{60}\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{9}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
136664	1776	220	$\frac{1}{110}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{109}{220}$	$\Phi_{220}^{16}\ \Phi_{44}^{16}\ \Phi_{20}^{16}\ \Phi_{5}^3\ \Phi_{4}^{16}\ \Phi_{1}^4$
136665	1776	1775	$\frac{17}{1775}$	$\frac{224}{1775}$	$\frac{517}{1775}$	$\frac{879}{1775}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^2$
136666	1776	693	$\frac{1}{99}$	$\frac{1}{7}$	$\frac{25}{99}$	$\frac{49}{99}$	$\Phi_{693}^3\ \Phi_{231}^3\ \Phi_{77}^3\ \Phi_{63}^3\ \Phi_{21}^3\ \Phi_{7}^2$
136667	1776	1775	$\frac{19}{1775}$	$\frac{299}{1775}$	$\frac{369}{1775}$	$\frac{878}{1775}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^2$
136668	1776	445	$\frac{1}{89}$	$\frac{15}{89}$	$\frac{1}{5}$	$\frac{44}{89}$	$\Phi_{445}^5\ \Phi_{5}^4$
136669	1776	2372	$\frac{7}{593}$	$\frac{75}{593}$	$\frac{1}{4}$	$\frac{293}{593}$	$\Phi_{2372}\ \Phi_{1186}$
136670	1776	1775	$\frac{21}{1775}$	$\frac{221}{1775}$	$\frac{449}{1775}$	$\frac{877}{1775}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^2$
136671	1776	2667	$\frac{11}{889}$	$\frac{75}{889}$	$\frac{1}{3}$	$\frac{439}{889}$	$\Phi_{2667}\ \Phi_{381}\ \Phi_{21}$
136672	1776	1679	$\frac{1}{73}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{36}{73}$	$\Phi_{1679}\ \Phi_{73}^2\ \Phi_{23}^2\ \Phi_{1}^4$
136673	1776	2847	$\frac{1}{73}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{36}{73}$	$\Phi_{2847}\ \Phi_{39}^2$
136674	1776	1679	$\frac{1}{73}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{36}{73}$	$\Phi_{1679}\ \Phi_{73}^2\ \Phi_{23}^2\ \Phi_{1}^4$
136675	1776	2628	$\frac{1}{73}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{36}{73}$	$\Phi_{2628}\ \Phi_{1314}\ \Phi_{876}\ \Phi_{438}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{6}^2$
136676	1776	1679	$\frac{1}{73}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{36}{73}$	$\Phi_{1679}\ \Phi_{73}^2\ \Phi_{23}^2\ \Phi_{1}^4$
136677	1776	2555	$\frac{1}{73}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{36}{73}$	$\Phi_{2555}\ \Phi_{35}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
136678	1776	71	$\frac{1}{71}$	$\frac{3}{71}$	$\frac{34}{71}$	$\frac{35}{71}$	$\Phi_{71}^{25}\ \Phi_{1}^{26}$
136679	1776	213	$\frac{1}{71}$	$\frac{6}{71}$	$\frac{65}{213}$	$\frac{35}{71}$	$\Phi_{213}^{12}\ \Phi_{71}\ \Phi_{3}^{12}\ \Phi_{1}^{2}$
136680	1776	497	$\frac{1}{71}$	$\frac{53}{497}$	$\frac{18}{71}$	$\frac{35}{71}$	$\Phi_{497}^{4}\ \Phi_{71}\ \Phi_{7}^{4}\ \Phi_{1}^{2}$
136681	1776	142	$\frac{1}{71}$	$\frac{9}{71}$	$\frac{31}{142}$	$\frac{35}{71}$	$\Phi_{142}^{16}\ \Phi_{71}^{9}\ \Phi_{2}^{16}\ \Phi_{1}^{10}$
136682	1776	355	$\frac{1}{71}$	$\frac{59}{355}$	$\frac{12}{71}$	$\frac{35}{71}$	$\Phi_{355}^{6}\ \Phi_{71}\ \Phi_{5}^{6}\ \Phi_{1}^{2}$
136683	1776	875	$\frac{13}{875}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{431}{875}$	$\Phi_{875}^{2}\ \Phi_{175}^{2}\ \Phi_{125}^{2}\ \Phi_{35}^{2}\ \Phi_{25}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
136684	1776	1775	$\frac{33}{1775}$	$\frac{113}{1775}$	$\frac{554}{1775}$	$\frac{871}{1775}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
136685	1776	1937	$\frac{3}{149}$	$\frac{1}{13}$	$\frac{38}{149}$	$\frac{73}{149}$	Φ_{1937}
136686	1776	1775	$\frac{37}{1775}$	$\frac{151}{1775}$	$\frac{406}{1775}$	$\frac{869}{1775}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
136687	1776	3384	$\frac{1}{47}$	$\frac{1}{36}$	$\frac{35}{72}$	$\frac{23}{47}$	$\Phi_{3384}\ \Phi_{1128}\ \Phi_{376}\ \Phi_{72}^{2}\ \Phi_{47}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
136688	1776	1833	$\frac{1}{47}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{1833}\ \Phi_{611}\ \Phi_{47}\ \Phi_{39}^{2}\ \Phi_{13}^{2}\ \Phi_{1}^{2}$
136689	1776	2538	$\frac{1}{47}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{23}{47}$	$\Phi_{2538}\ \Phi_{1269}\ \Phi_{54}^{2}\ \Phi_{47}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$
136690	1776	1880	$\frac{1}{47}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{23}{47}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{470}\ \Phi_{376}\ \Phi_{235}\ \Phi_{47}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
136691	1776	2256	$\frac{1}{47}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{23}{47}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{752}\ \Phi_{376}\ \Phi_{48}^{2}\ \Phi_{47}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
136692	1776	2115	$\frac{1}{47}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{23}{47}$	$\Phi_{2115}\ \Phi_{705}\ \Phi_{235}\ \Phi_{47}\ \Phi_{45}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
136693	1776	1974	$\frac{1}{47}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{23}{47}$	$\Phi_{1974}\ \Phi_{987}\ \Phi_{658}\ \Phi_{329}\ \Phi_{47}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
136694	1776	2007	$\frac{5}{223}$	$\frac{1}{9}$	$\frac{38}{223}$	$\frac{109}{223}$	$\Phi_{2007}\ \Phi_{669}$
136695	1776	1775	$\frac{41}{1775}$	$\frac{227}{1775}$	$\frac{258}{1775}$	$\frac{867}{1775}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
136696	1776	2079	$\frac{7}{297}$	$\frac{38}{297}$	$\frac{1}{7}$	$\frac{145}{297}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{231}\ \Phi_{189}\ \Phi_{77}\ \Phi_{63}\ \Phi_{21}$
136697	1776	1775	$\frac{43}{1775}$	$\frac{184}{1775}$	$\frac{303}{1775}$	$\frac{866}{1775}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
136698	1776	445	$\frac{11}{445}$	$\frac{38}{445}$	$\frac{1}{5}$	$\frac{217}{445}$	$\Phi_{445}^{4}\ \Phi_{89}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
136699	1776	2372	$\frac{15}{593}$	$\frac{38}{593}$	$\frac{1}{4}$	$\frac{289}{593}$	$\Phi_{2372}\ \Phi_{1186}$
136700	1776	355	$\frac{9}{355}$	$\frac{22}{355}$	$\frac{91}{355}$	$\frac{173}{355}$	$\Phi_{355}^{5}\ \Phi_{71}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
136701	1776	2667	$\frac{23}{889}$	$\frac{38}{889}$	$\frac{1}{3}$	$\frac{433}{889}$	$\Phi_{2667}\ \Phi_{381}\ \Phi_{21}$
136702	1776	1800	$\frac{1}{36}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{1800}^{2}\ \Phi_{600}^{2}\ \Phi_{360}^{2}\ \Phi_{200}^{2}\ \Phi_{120}^{2}\ \Phi_{75}\ \Phi_{40}^{2}\ \Phi_{15}$
136703	1776	3384	$\frac{1}{36}$	$\frac{2}{47}$	$\frac{15}{47}$	$\frac{35}{72}$	$\Phi_{3384}\ \Phi_{1128}\ \Phi_{376}\ \Phi_{72}^{2}\ \Phi_{47}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
136704	1776	1224	$\frac{1}{36}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{1224}^{3}\ \Phi_{408}^{3}\ \Phi_{136}^{3}\ \Phi_{68}\ \Phi_{34}$
136705	1776	3384	$\frac{1}{36}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{35}{72}$	$\Phi_{3384}\ \Phi_{1128}\ \Phi_{376}\ \Phi_{72}^{2}\ \Phi_{47}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
136706	1776	4680	$\frac{1}{36}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{35}{72}$	$\Phi_{4680}\ \Phi_{1560}\ \Phi_{520}\ \Phi_{65}$
136707	1776	3384	$\frac{1}{36}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{35}{72}$	$\Phi_{3384}\ \Phi_{1128}\ \Phi_{376}\ \Phi_{72}^{2}\ \Phi_{47}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
136708	1776	504	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{35}{72}$	$\Phi_{504}^{8}\ \Phi_{168}^{8}\ \Phi_{63}\ \Phi_{56}^{8}\ \Phi_{21}$
136709	1776	575	$\frac{17}{575}$	$\frac{1}{25}$	$\frac{8}{25}$	$\frac{279}{575}$	$\Phi_{575}^{3}\ \Phi_{115}^{3}\ \Phi_{25}^{5}\ \Phi_{23}^{3}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
136710	1776	1155	$\frac{1}{33}$	$\frac{17}{165}$	$\frac{1}{7}$	$\frac{16}{33}$	$\Phi_{1155}^{2}\ \Phi_{385}^{2}\ \Phi_{231}\ \Phi_{105}^{2}\ \Phi_{77}\ \Phi_{35}^{2}\ \Phi_{21}$
136711	1776	1001	$\frac{5}{143}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{69}{143}$	$\Phi_{1001}^{2}\ \Phi_{91}^{2}\ \Phi_{77}^{3}\ \Phi_{7}^{2}$
136712	1776	567	$\frac{1}{27}$	$\frac{7}{81}$	$\frac{1}{7}$	$\frac{13}{27}$	$\Phi_{567}^{4}\ \Phi_{189}^{3}\ \Phi_{63}^{3}\ \Phi_{21}^{3}\ \Phi_{7}^{2}$
136713	1776	50	$\frac{1}{25}$	$\frac{1}{25}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{50}^{48}\ \Phi_{25}^{23}\ \Phi_{10}^{48}\ \Phi_{5}^{23}\ \Phi_{2}^{48}\ \Phi_{1}^{24}$
136714	1776	175	$\frac{1}{25}$	$\frac{13}{175}$	$\frac{27}{175}$	$\frac{12}{25}$	$\Phi_{175}^{10}\ \Phi_{35}^{10}\ \Phi_{25}^{11}\ \Phi_{7}^{10}\ \Phi_{5}^{11}\ \Phi_{1}^{12}$
136715	1776	125	$\frac{1}{25}$	$\frac{13}{125}$	$\frac{14}{125}$	$\frac{12}{25}$	$\Phi_{125}^{14}\ \Phi_{25}^{15}\ \Phi_{5}^{15}\ \Phi_{1}^{16}$
136716	1776	71	$\frac{2}{71}$	$\frac{3}{71}$	$\frac{23}{71}$	$\frac{34}{71}$	$\Phi_{71}^{25}\ \Phi_{1}^{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
136717	1776	71	$\frac{3}{71}$	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{34}{71}$	$\Phi_{71}^{25}\ \Phi_{1}^{26}$
136718	1776	71	$\frac{3}{71}$	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{34}{71}$	$\Phi_{71}^{25}\ \Phi_{1}^{26}$
136719	1776	2622	$\frac{1}{38}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{2622}\ \Phi_{1311}\ \Phi_{138}\ \Phi_{114}^{2}\ \Phi_{57}^{2}\ \Phi_{6}^{2}$
136720	1776	425	$\frac{1}{25}$	$\frac{19}{425}$	$\frac{6}{25}$	$\frac{203}{425}$	$\Phi_{425}^{4}\ \Phi_{85}^{4}\ \Phi_{25}^{7}\ \Phi_{17}^{4}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
136721	1776	350	$\frac{1}{25}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{350}^{10}\ \Phi_{70}^{8}\ \Phi_{50}^{10}\ \Phi_{25}^{4}\ \Phi_{14}^{8}\ \Phi_{10}^{8}\ \Phi_{5}^{3}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
136722	1776	1190	$\frac{2}{35}$	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{33}{70}$	$\Phi_{1190}^{3}\ \Phi_{238}^{3}\ \Phi_{170}^{3}\ \Phi_{119}\ \Phi_{34}^{3}$
136723	1776	70	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{1}{10}$	$\frac{33}{70}$	$\Phi_{70}^{23}\ \Phi_{35}^{28}\ \Phi_{14}^{23}\ \Phi_{10}^{22}\ \Phi_{7}^{28}\ \Phi_{5}^{27}\ \Phi_{2}^{22}\ \Phi_{1}^{28}$
136724	1776	1862	$\frac{1}{38}$	$\frac{3}{49}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{1862}\ \Phi_{931}\ \Phi_{266}\ \Phi_{133}\ \Phi_{98}\ \Phi_{14}$
136725	1776	2176	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{17}{128}$	$\frac{15}{32}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
136726	1776	165	$\frac{1}{55}$	$\frac{1}{15}$	$\frac{18}{55}$	$\frac{7}{15}$	$\Phi_{165}^{10}\ \Phi_{55}^{12}\ \Phi_{33}^{10}\ \Phi_{15}^{11}\ \Phi_{11}^{12}\ \Phi_{5}^{13}\ \Phi_{3}^{11}\ \Phi_{1}^{14}$
136727	1776	1140	$\frac{1}{38}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{1140}^{2}\ \Phi_{570}\ \Phi_{380}^{2}\ \Phi_{285}\ \Phi_{228}^{2}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}^{4}\ \Phi_{60}\ \Phi_{57}$ $\Phi_{38}^{2}\ \Phi_{20}\ \Phi_{19}^{2}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
136728	1776	345	$\frac{4}{115}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{345}^{5}\ \Phi_{115}^{6}\ \Phi_{69}^{5}\ \Phi_{23}^{6}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
136729	1776	225	$\frac{1}{25}$	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{225}^{10}\ \Phi_{75}^{5}\ \Phi_{45}^{8}\ \Phi_{25}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{8}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
136730	1776	660	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{7}{44}$	$\frac{7}{15}$	$\Phi_{660}^{3}\ \Phi_{330}^{2}\ \Phi_{220}^{3}\ \Phi_{165}^{2}\ \Phi_{132}^{3}\ \Phi_{110}^{2}\ \Phi_{66}^{2}\ \Phi_{60}^{3}\ \Phi_{55}^{2}\ \Phi_{44}^{6}\ \Phi_{33}^{2}$ $\Phi_{30}^{2}\ \Phi_{22}^{4}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{11}^{4}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
136731	1776	120	$\frac{1}{15}$	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{7}{15}$	$\Phi_{120}^{15}\ \Phi_{60}^{15}\ \Phi_{40}^{18}\ \Phi_{30}^{10}\ \Phi_{24}^{15}\ \Phi_{20}^{18}\ \Phi_{15}^{11}\ \Phi_{12}^{15}\ \Phi_{10}^{12}\ \Phi_{8}^{18}\ \Phi_{6}^{10}\ \Phi_{5}^{13}$ $\Phi_{4}^{18}\ \Phi_{3}^{11}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
136732	1776	1815	$\frac{1}{15}$	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{7}{15}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{363}\ \Phi_{121}^{2}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
136733	1776	3536	$\frac{1}{17}$	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{97}{208}$	$\Phi_{3536}\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
136734	1776	275	$\frac{1}{25}$	$\frac{21}{275}$	$\frac{4}{25}$	$\frac{127}{275}$	$\Phi_{275}^{6}\ \Phi_{55}^{6}\ \Phi_{25}^{11}\ \Phi_{11}^{6}\ \Phi_{5}^{11}\ \Phi_{1}^{12}$
136735	1776	355	$\frac{7}{355}$	$\frac{29}{355}$	$\frac{96}{355}$	$\frac{163}{355}$	$\Phi_{355}^{5}\ \Phi_{71}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
136736	1776	2667	$\frac{13}{889}$	$\frac{73}{889}$	$\frac{1}{3}$	$\frac{408}{889}$	$\Phi_{2667}\ \Phi_{381}\ \Phi_{21}$
136737	1776	1775	$\frac{26}{1775}$	$\frac{149}{1775}$	$\frac{583}{1775}$	$\frac{813}{1775}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
136738	1776	825	$\frac{1}{75}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{825}^{2}\ \Phi_{275}^{2}\ \Phi_{165}^{2}\ \Phi_{75}^{4}\ \Phi_{55}^{2}\ \Phi_{33}\ \Phi_{25}^{4}\ \Phi_{15}^{4}\ \Phi_{11}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
136739	1776	539	$\frac{1}{49}$	$\frac{1}{11}$	$\frac{12}{49}$	$\frac{5}{11}$	$\Phi_{539}^{3}\ \Phi_{77}^{3}\ \Phi_{49}^{6}\ \Phi_{11}^{4}\ \Phi_{7}^{6}\ \Phi_{1}^{8}$
136740	1776	2090	$\frac{1}{38}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{2090}\ \Phi_{1045}\ \Phi_{190}^{2}\ \Phi_{110}\ \Phi_{95}^{2}\ \Phi_{10}^{2}$
136741	1776	77	$\frac{3}{77}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{77}^{23}\ \Phi_{11}^{24}\ \Phi_{7}^{22}\ \Phi_{1}^{24}$
136742	1776	462	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{5}{42}$	$\frac{5}{11}$	$\Phi_{462}^{4}\ \Phi_{231}^{3}\ \Phi_{154}^{4}\ \Phi_{77}^{3}\ \Phi_{66}^{4}\ \Phi_{42}^{8}\ \Phi_{33}^{3}\ \Phi_{22}^{4}\ \Phi_{21}^{6}\ \Phi_{14}^{8}\ \Phi_{11}^{4}\ \Phi_{7}^{6}$ $\Phi_{6}^{8}\ \Phi_{3}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
136743	1776	945	$\frac{1}{27}$	$\frac{13}{135}$	$\frac{1}{7}$	$\frac{61}{135}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{3}\ \Phi_{105}^{2}\ \Phi_{63}^{3}\ \Phi_{35}^{2}\ \Phi_{21}^{3}\ \Phi_{7}^{2}$
136744	1776	1862	$\frac{1}{38}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{1862}\ \Phi_{931}\ \Phi_{266}\ \Phi_{133}\ \Phi_{98}\ \Phi_{14}$
136745	1776	200	$\frac{1}{25}$	$\frac{11}{100}$	$\frac{3}{25}$	$\frac{89}{200}$	$\Phi_{200}^{16}\ \Phi_{40}^{16}\ \Phi_{25}^{7}\ \Phi_{8}^{16}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
136746	1776	1071	$\frac{5}{153}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{1071}^{2}\ \Phi_{357}^{2}\ \Phi_{119}^{2}\ \Phi_{63}\ \Phi_{21}$
136747	1776	75	$\frac{1}{75}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{75}^{24}\ \Phi_{25}^{23}\ \Phi_{15}^{24}\ \Phi_{5}^{23}\ \Phi_{3}^{24}\ \Phi_{1}^{24}$
136748	1776	125	$\frac{1}{25}$	$\frac{14}{125}$	$\frac{3}{25}$	$\frac{11}{25}$	$\Phi_{125}^{16}\ \Phi_{25}^{7}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
136749	1776	462	$\frac{1}{33}$	$\frac{4}{33}$	$\frac{1}{7}$	$\frac{29}{66}$	$\Phi_{462}^{8}\ \Phi_{231}\ \Phi_{154}^{8}\ \Phi_{77}\ \Phi_{42}^{8}\ \Phi_{21}\ \Phi_{14}^{8}$
136750	1776	1775	$\frac{39}{1775}$	$\frac{217}{1775}$	$\frac{332}{1775}$	$\frac{779}{1775}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
136751	1776	2372	$\frac{9}{593}$	$\frac{73}{593}$	$\frac{1}{4}$	$\frac{260}{593}$	$\Phi_{2372}\ \Phi_{1186}$
136752	1776	1775	$\frac{27}{1775}$	$\frac{223}{1775}$	$\frac{437}{1775}$	$\frac{776}{1775}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
136753	1776	525	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{67}{525}$	$\frac{229}{525}$	$\Phi_{525}^{3}\ \Phi_{175}^{3}\ \Phi_{105}^{3}\ \Phi_{75}^{6}\ \Phi_{35}^{3}\ \Phi_{25}^{5}\ \Phi_{21}^{3}\ \Phi_{15}^{6}\ \Phi_{7}^{3}\ \Phi_{5}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
136754	1776	3332	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{85}{196}$	$\Phi_{3332}\ \Phi_{476}\ \Phi_{238}\ \Phi_{119}\ \Phi_{68}\ \Phi_{34}$
136755	1776	336	$\frac{1}{112}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{336}^8\ \Phi_{168}^8\ \Phi_{84}^8\ \Phi_{48}^8\ \Phi_{42}^8\ \Phi_{24}^8\ \Phi_{21}^7\ \Phi_{12}^8\ \Phi_6^8\ \Phi_3^6$
136756	1776	1547	$\frac{2}{221}$	$\frac{1}{7}$	$\frac{73}{221}$	$\frac{3}{7}$	$\Phi_{1547}\ \Phi_{221}^2\ \Phi_{119}\ \Phi_{91}\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_1^4$
136757	1776	2100	$\frac{1}{75}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}^2\ \Phi_{210}\ \Phi_{150}^2\ \Phi_{140}\ \Phi_{100}^2$ $\Phi_{84}\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2$
136758	1776	1547	$\frac{5}{221}$	$\frac{1}{7}$	$\frac{36}{221}$	$\frac{3}{7}$	$\Phi_{1547}\ \Phi_{221}^2\ \Phi_{119}\ \Phi_{91}\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_1^4$
136759	1776	266	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{266}^7\ \Phi_{133}^7\ \Phi_{38}^6\ \Phi_{19}^6\ \Phi_{14}^7\ \Phi_2^6$
136760	1776	273	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{273}^6\ \Phi_{91}^5\ \Phi_{39}^{12}\ \Phi_{21}^6\ \Phi_{13}^{10}\ \Phi_7^6\ \Phi_3^{12}\ \Phi_1^{12}$
136761	1776	119	$\frac{1}{17}$	$\frac{8}{119}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{119}^{15}\ \Phi_{17}^{14}\ \Phi_7^{16}\ \Phi_1^{16}$
136762	1776	1088	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{27}{64}$	$\Phi_{1088}^3\ \Phi_{272}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
136763	1776	1775	$\frac{41}{1775}$	$\frac{258}{1775}$	$\frac{289}{1775}$	$\frac{743}{1775}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
136764	1776	445	$\frac{7}{445}$	$\frac{73}{445}$	$\frac{1}{5}$	$\frac{186}{445}$	$\Phi_{445}^4\ \Phi_{89}^4\ \Phi_5^3\ \Phi_1^4$
136765	1776	1775	$\frac{17}{1775}$	$\frac{293}{1775}$	$\frac{517}{1775}$	$\frac{741}{1775}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
136766	1776	381	$\frac{1}{127}$	$\frac{21}{127}$	$\frac{1}{3}$	$\frac{53}{127}$	$\Phi_{381}^7\ \Phi_3^6$
136767	1776	1775	$\frac{14}{1775}$	$\frac{297}{1775}$	$\frac{587}{1775}$	$\frac{739}{1775}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
136768	1776	1904	$\frac{1}{112}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{272}\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{68}\ \Phi_{34}$
136769	1776	125	$\frac{1}{25}$	$\frac{2}{25}$	$\frac{23}{125}$	$\frac{51}{125}$	$\Phi_{125}^{12}\ \Phi_{25}^{23}\ \Phi_5^{23}\ \Phi_1^{24}$
136770	1776	2235	$\frac{1}{149}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{2235}\ \Phi_{447}^2$
136771	1776	295	$\frac{3}{295}$	$\frac{1}{5}$	$\frac{73}{295}$	$\frac{2}{5}$	$\Phi_{295}^6\ \Phi_{59}^6\ \Phi_5^7\ \Phi_1^8$
136772	1776	75	$\frac{1}{75}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{75}^{24}\ \Phi_{25}^{24}\ \Phi_{15}^{24}\ \Phi_5^{19}\ \Phi_3^{24}\ \Phi_1^{20}$
136773	1776	885	$\frac{1}{59}$	$\frac{29}{177}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{885}^2\ \Phi_{295}\ \Phi_{177}^4\ \Phi_{59}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
136774	1776	295	$\frac{7}{295}$	$\frac{36}{295}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{295}^6\ \Phi_{59}^6\ \Phi_5^7\ \Phi_1^8$
136775	1776	1710	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{342}^2\ \Phi_{285}\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{90}\ \Phi_{57}^2\ \Phi_{30}\ \Phi_{18}^2$ Φ_6^2
136776	1776	200	$\frac{1}{25}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{200}^{10}\ \Phi_{100}^{10}\ \Phi_{50}^{10}\ \Phi_{40}^8\ \Phi_{25}^4\ \Phi_{20}^8\ \Phi_{10}^8\ \Phi_8^8\ \Phi_5^3\ \Phi_4^8\ \Phi_2^8\ \Phi_1^4$
136777	1776	1775	$\frac{29}{1775}$	$\frac{291}{1775}$	$\frac{371}{1775}$	$\frac{702}{1775}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
136778	1776	1862	$\frac{1}{38}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{1862}\ \Phi_{931}\ \Phi_{266}\ \Phi_{133}\ \Phi_{98}\ \Phi_{14}$
136779	1776	1937	$\frac{1}{149}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{1937}
136780	1776	300	$\frac{1}{25}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{300}^{10}\ \Phi_{100}^{10}\ \Phi_{75}^5\ \Phi_{60}^8\ \Phi_{25}^4\ \Phi_{20}^8\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_5^3\ \Phi_4^8\ \Phi_3^4\ \Phi_1^4$
136781	1776	1775	$\frac{43}{1775}$	$\frac{184}{1775}$	$\frac{433}{1775}$	$\frac{671}{1775}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
136782	1776	2079	$\frac{5}{297}$	$\frac{1}{7}$	$\frac{73}{297}$	$\frac{112}{297}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{231}\ \Phi_{189}\ \Phi_{77}\ \Phi_{63}\ \Phi_{21}$
136783	1776	890	$\frac{1}{89}$	$\frac{1}{5}$	$\frac{22}{89}$	$\frac{67}{178}$	$\Phi_{890}^4\ \Phi_{445}\ \Phi_{10}^4$
136784	1776	1775	$\frac{19}{1775}$	$\frac{369}{1775}$	$\frac{439}{1775}$	$\frac{668}{1775}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
136785	1776	2372	$\frac{5}{593}$	$\frac{147}{593}$	$\frac{1}{4}$	$\frac{223}{593}$	$\Phi_{2372}\ \Phi_{1186}$
136786	1776	1775	$\frac{11}{1775}$	$\frac{441}{1775}$	$\frac{554}{1775}$	$\frac{667}{1775}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
136787	1776	2667	$\frac{5}{889}$	$\frac{221}{889}$	$\frac{1}{3}$	$\frac{334}{889}$	$\Phi_{2667}\ \Phi_{381}\ \Phi_{21}$
136788	1776	355	$\frac{3}{355}$	$\frac{88}{355}$	$\frac{89}{355}$	$\frac{133}{355}$	$\Phi_{355}^5\ \Phi_{71}^5\ \Phi_5^5\ \Phi_1^6$
136789	1776	75	$\frac{1}{75}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{75}^{24}\ \Phi_{25}^{23}\ \Phi_{15}^{24}\ \Phi_5^{23}\ \Phi_3^{24}\ \Phi_1^{24}$
136790	1776	1775	$\frac{31}{1775}$	$\frac{218}{1775}$	$\frac{519}{1775}$	$\frac{628}{1775}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
136791	1776	1862	$\frac{1}{38}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{1862}\ \Phi_{931}\ \Phi_{266}\ \Phi_{133}\ \Phi_{98}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
136792	1776	225	$\frac{1}{25}$	$\frac{4}{75}$	$\frac{71}{225}$	$\frac{77}{225}$	$\Phi_{225}^{6}\ \Phi_{75}^{12}\ \Phi_{45}^{6}\ \Phi_{25}^{11}\ \Phi_{15}^{12}\ \Phi_{9}^{6}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
136793	1776	952	$\frac{1}{28}$	$\frac{1}{17}$	$\frac{9}{28}$	$\frac{19}{56}$	$\Phi_{952}^{3}\ \Phi_{476}\ \Phi_{238}\ \Phi_{136}^{3}\ \Phi_{119}\ \Phi_{68}\ \Phi_{34}$
136794	1776	1775	$\frac{44}{1775}$	$\frac{147}{1775}$	$\frac{577}{1775}$	$\frac{599}{1775}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
136795	1776	2007	$\frac{4}{223}$	$\frac{1}{9}$	$\frac{73}{223}$	$\frac{75}{223}$	$\Phi_{2007}\ \Phi_{669}$
136796	1776	355	$\frac{4}{355}$	$\frac{59}{355}$	$\frac{117}{355}$	$\frac{119}{355}$	$\Phi_{355}^{5}\ \Phi_{71}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
136797	1776	445	$\frac{4}{445}$	$\frac{1}{5}$	$\frac{147}{445}$	$\frac{149}{445}$	$\Phi_{445}^{4}\ \Phi_{89}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
136798	1776	1775	$\frac{8}{1775}$	$\frac{589}{1775}$	$\frac{591}{1775}$	$\frac{593}{1775}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
136799	1776	2667	$\frac{4}{889}$	$\frac{295}{889}$	$\frac{1}{3}$	$\frac{297}{889}$	$\Phi_{2667}\ \Phi_{381}\ \Phi_{21}$
136800	1776	669	$\frac{1}{223}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{669}^{3}\ \Phi_{223}^{2}$
136801	1776	1329	$\frac{2}{443}$	$\frac{147}{443}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1329}\ \Phi_{443}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
136802	1776	1788	$\frac{1}{149}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1788}\ \Phi_{894}\ \Phi_{596}^{2}\ \Phi_{298}^{2}$
136803	1776	1329	$\frac{3}{443}$	$\frac{110}{443}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1329}\ \Phi_{443}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
136804	1776	1680	$\frac{1}{112}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}^{2}\ \Phi_{420}\ \Phi_{280}^{2}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}^{2}\ \Phi_{120}\ \Phi_{105}\ \Phi_{80}^{2}\ \Phi_{70}^{2}\ \Phi_{60}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
136805	1776	1329	$\frac{5}{443}$	$\frac{73}{443}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1329}\ \Phi_{443}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
136806	1776	525	$\frac{1}{75}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{525}^{4}\ \Phi_{175}^{4}\ \Phi_{105}^{4}\ \Phi_{35}^{4}\ \Phi_{21}^{3}\ \Phi_{7}^{2}$
136807	1776	1329	$\frac{11}{443}$	$\frac{36}{443}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1329}\ \Phi_{443}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
136808	1776	1482	$\frac{1}{38}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{494}^{2}\ \Phi_{247}^{2}\ \Phi_{78}\ \Phi_{26}^{2}$
136809	1776	975	$\frac{1}{25}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{975}^{2}\ \Phi_{325}^{2}\ \Phi_{195}^{2}\ \Phi_{75}\ \Phi_{65}^{2}\ \Phi_{15}$
136810	1776	381	$\frac{1}{127}$	$\frac{85}{381}$	$\frac{42}{127}$	$\frac{1}{3}$	$\Phi_{381}^{4}\ \Phi_{127}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
136811	1776	3315	$\frac{2}{221}$	$\frac{1}{5}$	$\frac{73}{221}$	$\frac{1}{3}$	$\Phi_{3315}\ \Phi_{255}\ \Phi_{195}\ \Phi_{15}^{2}$
136812	1776	2667	$\frac{10}{889}$	$\frac{149}{889}$	$\frac{293}{889}$	$\frac{1}{3}$	$\Phi_{2667}\ \Phi_{381}\ \Phi_{21}$
136813	1776	441	$\frac{2}{147}$	$\frac{1}{7}$	$\frac{145}{441}$	$\frac{1}{3}$	$\Phi_{441}^{6}\ \Phi_{63}^{6}\ \Phi_{21}\ \Phi_{9}^{6}$
136814	1776	495	$\frac{1}{55}$	$\frac{1}{9}$	$\frac{18}{55}$	$\frac{1}{3}$	$\Phi_{495}^{4}\ \Phi_{165}^{2}\ \Phi_{99}^{4}\ \Phi_{55}^{4}\ \Phi_{45}^{4}\ \Phi_{33}^{2}\ \Phi_{15}^{2}\ \Phi_{11}^{4}\ \Phi_{9}^{6}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
136815	1776	2667	$\frac{22}{889}$	$\frac{75}{889}$	$\frac{289}{889}$	$\frac{1}{3}$	$\Phi_{2667}\ \Phi_{381}\ \Phi_{21}$
136816	1776	1833	$\frac{2}{47}$	$\frac{2}{39}$	$\frac{15}{47}$	$\frac{1}{3}$	$\Phi_{1833}\ \Phi_{611}\ \Phi_{47}\ \Phi_{39}^{2}\ \Phi_{13}^{2}\ \Phi_{1}^{2}$
136817	1776	1350	$\frac{1}{25}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{1350}^{2}\ \Phi_{675}^{2}\ \Phi_{270}^{2}\ \Phi_{135}^{2}\ \Phi_{75}\ \Phi_{15}$
136818	1776	2622	$\frac{1}{38}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{2622}\ \Phi_{1311}\ \Phi_{138}\ \Phi_{114}^{2}\ \Phi_{57}^{2}\ \Phi_{6}^{2}$
136819	1776	2667	$\frac{17}{889}$	$\frac{109}{889}$	$\frac{260}{889}$	$\frac{1}{3}$	$\Phi_{2667}\ \Phi_{381}\ \Phi_{21}$
136820	1776	903	$\frac{5}{301}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{903}^{3}\ \Phi_{129}^{3}\ \Phi_{21}$
136821	1776	825	$\frac{1}{75}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{825}^{2}\ \Phi_{275}^{2}\ \Phi_{165}^{2}\ \Phi_{75}^{4}\ \Phi_{55}^{2}\ \Phi_{33}\ \Phi_{25}^{4}\ \Phi_{15}^{4}\ \Phi_{11}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
136822	1776	2667	$\frac{9}{889}$	$\frac{220}{889}$	$\frac{223}{889}$	$\frac{1}{3}$	$\Phi_{2667}\ \Phi_{381}\ \Phi_{21}$
136823	1776	3540	$\frac{3}{295}$	$\frac{73}{295}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3540}\ \Phi_{1770}\ \Phi_{708}\ \Phi_{354}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
136824	1776	300	$\frac{1}{75}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^{8}\ \Phi_{150}^{8}\ \Phi_{100}^{8}\ \Phi_{60}^{7}\ \Phi_{50}^{8}\ \Phi_{30}^{7}\ \Phi_{20}^{8}\ \Phi_{12}^{8}\ \Phi_{10}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}$
136825	1776	708	$\frac{1}{59}$	$\frac{29}{177}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{708}^{3}\ \Phi_{354}^{3}\ \Phi_{236}^{4}\ \Phi_{118}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
136826	1776	3540	$\frac{7}{295}$	$\frac{36}{295}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3540}\ \Phi_{1770}\ \Phi_{708}\ \Phi_{354}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
136827	1776	684	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{684}^{4}\ \Phi_{342}^{2}\ \Phi_{228}^{2}\ \Phi_{171}^{2}\ \Phi_{114}\ \Phi_{76}^{4}\ \Phi_{57}\ \Phi_{38}^{2}\ \Phi_{36}^{2}\ \Phi_{19}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
136828	1776	600	$\frac{1}{25}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{600}^{5}\ \Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{120}^{4}\ \Phi_{75}^{5}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}$
136829	1776	2652	$\frac{2}{39}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{884}\ \Phi_{442}\ \Phi_{68}\ \Phi_{34}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
136830	1776	147	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{12}{49}$	$\frac{1}{3}$	$\Phi_{147}^{18}\ \Phi_{21}^{19}\ \Phi_{3}^{18}$
136831	1776	381	$\frac{3}{127}$	$\frac{16}{127}$	$\frac{31}{127}$	$\frac{1}{3}$	$\Phi_{381}^{7}\ \Phi_{3}^{6}$
136832	1776	1833	$\frac{2}{39}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{1}{3}$	$\Phi_{1833}\ \Phi_{611}\ \Phi_{47}\ \Phi_{39}^{2}\ \Phi_{13}^{2}\ \Phi_{1}^{2}$
136833	1776	1200	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{1200}^{2}\ \Phi_{600}^{2}\ \Phi_{400}^{2}\ \Phi_{240}^{2}\ \Phi_{200}^{2}\ \Phi_{120}^{2}\ \Phi_{80}^{2}\ \Phi_{75}\ \Phi_{40}^{2}\ \Phi_{15}$
136834	1776	2025	$\frac{1}{25}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{405}\ \Phi_{135}\ \Phi_{75}\ \Phi_{15}$
136835	1776	2622	$\frac{1}{38}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{2622}\ \Phi_{1311}\ \Phi_{138}\ \Phi_{114}^{2}\ \Phi_{57}^{2}\ \Phi_{6}^{2}$
136836	1776	2667	$\frac{19}{889}$	$\frac{145}{889}$	$\frac{186}{889}$	$\frac{1}{3}$	$\Phi_{2667}\ \Phi_{381}\ \Phi_{21}$
136837	1776	3315	$\frac{5}{221}$	$\frac{36}{221}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3315}\ \Phi_{255}\ \Phi_{195}\ \Phi_{15}^{2}$
136838	1776	3990	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3990}\ \Phi_{1995}\ \Phi_{210}$
136839	1776	1035	$\frac{4}{115}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1035}^{2}\ \Phi_{345}\ \Phi_{207}^{2}\ \Phi_{115}^{2}\ \Phi_{69}\ \Phi_{23}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
136840	1776	195	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{195}^{11}\ \Phi_{65}^{12}\ \Phi_{15}^{12}\ \Phi_{5}^{12}$
136841	1776	1785	$\frac{1}{17}$	$\frac{8}{119}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1785}^{2}\ \Phi_{255}\ \Phi_{105}^{2}\ \Phi_{15}^{2}$
136842	1776	225	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{225}^{8}\ \Phi_{75}^{9}\ \Phi_{45}^{6}\ \Phi_{25}^{8}\ \Phi_{15}^{7}\ \Phi_{9}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
136843	1776	1050	$\frac{1}{25}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1050}^{2}\ \Phi_{525}^{2}\ \Phi_{350}^{2}\ \Phi_{210}^{2}\ \Phi_{175}^{2}\ \Phi_{105}^{2}\ \Phi_{75}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{15}$
136844	1776	396	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{7}{44}$	$\frac{1}{3}$	$\Phi_{396}^{6}\ \Phi_{198}^{4}\ \Phi_{132}^{3}\ \Phi_{99}^{4}\ \Phi_{66}^{2}\ \Phi_{44}^{6}\ \Phi_{36}^{6}\ \Phi_{33}^{2}\ \Phi_{22}^{4}\ \Phi_{18}^{4}\ \Phi_{12}^{3}\ \Phi_{11}^{4}$ $\Phi_{9}^{6}\ \Phi_{6}^{2}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
136845	1776	1833	$\frac{2}{39}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{3}$	$\Phi_{1833}\ \Phi_{611}\ \Phi_{47}\ \Phi_{39}^{2}\ \Phi_{13}^{2}\ \Phi_{1}^{2}$
136846	1776	231	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{231}^{12}\ \Phi_{33}^{12}\ \Phi_{21}^{7}\ \Phi_{3}^{6}$
136847	1776	1029	$\frac{2}{49}$	$\frac{47}{343}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1029}^{3}\ \Phi_{21}$
136848	1776	2793	$\frac{43}{931}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2793}\ \Phi_{399}\ \Phi_{57}\ \Phi_{21}$
136849	1776	42	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{42}^{48}\ \Phi_{21}^{37}\ \Phi_{14}^{48}\ \Phi_{7}^{36}\ \Phi_{6}^{48}\ \Phi_{3}^{36}\ \Phi_{2}^{48}\ \Phi_{1}^{36}$
136850	1776	819	$\frac{2}{39}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{819}^{3}\ \Phi_{273}^{2}\ \Phi_{91}^{2}\ \Phi_{63}\ \Phi_{21}$
136851	1776	315	$\frac{19}{315}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{63}^{6}\ \Phi_{45}^{6}\ \Phi_{35}^{6}\ \Phi_{21}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{5}^{6}$
136852	1776	735	$\frac{3}{49}$	$\frac{23}{245}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{735}^{4}\ \Phi_{147}^{2}\ \Phi_{105}^{4}\ \Phi_{21}^{3}\ \Phi_{15}^{4}\ \Phi_{3}^{2}$
136853	1776	381	$\frac{7}{127}$	$\frac{15}{127}$	$\frac{16}{127}$	$\frac{1}{3}$	$\Phi_{381}^{7}\ \Phi_{3}^{6}$
136854	1776	360	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{3}\ \Phi_{90}^{4}\ \Phi_{72}^{6}\ \Phi_{60}^{3}\ \Phi_{45}^{4}\ \Phi_{40}^{6}\ \Phi_{36}^{6}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{20}^{6}$ $\Phi_{18}^{4}\ \Phi_{15}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{9}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
136855	1776	1089	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{1089}^{2}\ \Phi_{363}\ \Phi_{121}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
136856	1776	55	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{18}{55}$	$\Phi_{55}^{32}\ \Phi_{11}^{32}\ \Phi_{5}^{35}\ \Phi_{1}^{36}$
136857	1776	1775	$\frac{38}{1775}$	$\frac{299}{1775}$	$\frac{369}{1775}$	$\frac{579}{1775}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
136858	1776	445	$\frac{2}{89}$	$\frac{15}{89}$	$\frac{1}{5}$	$\frac{29}{89}$	$\Phi_{445}^{5}\ \Phi_{5}^{4}$
136859	1776	2538	$\frac{2}{47}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{15}{47}$	$\Phi_{2538}\ \Phi_{1269}\ \Phi_{54}^{2}\ \Phi_{47}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$
136860	1776	1880	$\frac{2}{47}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{15}{47}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{470}\ \Phi_{376}\ \Phi_{235}\ \Phi_{47}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
136861	1776	2256	$\frac{2}{47}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{15}{47}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{752}\ \Phi_{376}\ \Phi_{48}^{2}\ \Phi_{47}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
136862	1776	2115	$\frac{2}{47}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{15}{47}$	$\Phi_{2115}\ \Phi_{705}\ \Phi_{235}\ \Phi_{47}\ \Phi_{45}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
136863	1776	1974	$\frac{2}{47}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{15}{47}$	$\Phi_{1974}\ \Phi_{987}\ \Phi_{658}\ \Phi_{329}\ \Phi_{47}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
136864	1776	1836	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{1836}^{2}\ \Phi_{918}\ \Phi_{459}\ \Phi_{68}\ \Phi_{34}$
136865	1776	2538	$\frac{1}{18}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{17}{54}$	$\Phi_{2538}\ \Phi_{1269}\ \Phi_{54}^{2}\ \Phi_{47}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$
136866	1776	3510	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{17}{54}$	$\Phi_{3510}\ \Phi_{1755}\ \Phi_{65}$
136867	1776	2538	$\frac{1}{18}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{17}{54}$	$\Phi_{2538}\ \Phi_{1269}\ \Phi_{54}^{2}\ \Phi_{47}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
136868	1776	378	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{17}{54}$	$\Phi_{378}^{8}\ \Phi_{189}^{8}\ \Phi_{63}\ \Phi_{21}$
136869	1776	816	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{11}{48}$	$\frac{5}{16}$	$\Phi_{816}^{3}\ \Phi_{408}^{3}\ \Phi_{272}\ \Phi_{204}^{3}\ \Phi_{136}\ \Phi_{102}^{3}\ \Phi_{68}\ \Phi_{51}^{3}\ \Phi_{34}$
136870	1776	3003	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{133}{429}$	$\Phi_{3003}\ \Phi_{273}\ \Phi_{231}\ \Phi_{77}\ \Phi_{21}$
136871	1776	213	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{11}{71}$	$\frac{65}{213}$	$\Phi_{213}^{12}\ \Phi_{71}\ \Phi_{3}^{12}\ \Phi_{1}^{2}$
136872	1776	525	$\frac{1}{25}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{525}^{5}\ \Phi_{105}^{4}\ \Phi_{75}^{5}\ \Phi_{25}^{4}\ \Phi_{21}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
136873	1776	798	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{798}^{3}\ \Phi_{399}^{3}\ \Phi_{266}\ \Phi_{133}\ \Phi_{114}^{3}\ \Phi_{57}^{3}\ \Phi_{42}^{3}\ \Phi_{14}\ \Phi_{6}^{3}$
136874	1776	714	$\frac{1}{17}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{714}^{3}\ \Phi_{357}^{3}\ \Phi_{238}^{3}\ \Phi_{119}\ \Phi_{102}^{3}\ \Phi_{51}^{3}\ \Phi_{34}^{3}$
136875	1776	539	$\frac{1}{49}$	$\frac{2}{11}$	$\frac{12}{49}$	$\frac{3}{11}$	$\Phi_{539}^{3}\ \Phi_{77}^{3}\ \Phi_{49}^{6}\ \Phi_{11}^{4}\ \Phi_{7}^{6}\ \Phi_{1}^{8}$
136876	1776	2090	$\frac{1}{38}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{2090}\ \Phi_{1045}\ \Phi_{190}^{2}\ \Phi_{110}\ \Phi_{95}^{2}\ \Phi_{10}^{2}$
136877	1776	77	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{77}^{23}\ \Phi_{11}^{24}\ \Phi_{7}^{22}\ \Phi_{1}^{24}$
136878	1776	462	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{462}^{4}\ \Phi_{231}^{3}\ \Phi_{154}^{4}\ \Phi_{77}^{3}\ \Phi_{66}^{4}\ \Phi_{42}^{8}\ \Phi_{33}^{3}\ \Phi_{22}^{4}\ \Phi_{21}^{6}\ \Phi_{14}^{8}\ \Phi_{11}^{4}\ \Phi_{7}^{6}\ \Phi_{6}^{8}\ \Phi_{3}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
136879	1776	355	$\frac{7}{355}$	$\frac{67}{355}$	$\frac{87}{355}$	$\frac{96}{355}$	$\Phi_{355}^{5}\ \Phi_{71}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
136880	1776	2835	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{26}{135}$	$\frac{109}{405}$	$\Phi_{2835}\ \Phi_{567}\ \Phi_{189}\ \Phi_{63}\ \Phi_{21}$
136881	1776	1862	$\frac{1}{38}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{1862}\ \Phi_{931}\ \Phi_{266}\ \Phi_{133}\ \Phi_{98}\ \Phi_{14}$
136882	1776	50	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{11}{50}$	$\frac{13}{50}$	$\Phi_{50}^{32}\ \Phi_{25}^{39}\ \Phi_{10}^{32}\ \Phi_{5}^{39}\ \Phi_{2}^{32}\ \Phi_{1}^{40}$
136883	1776	693	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{8}{33}$	$\frac{25}{99}$	$\Phi_{693}^{4}\ \Phi_{231}\ \Phi_{77}\ \Phi_{63}^{4}\ \Phi_{21}$
136884	1776	1775	$\frac{39}{1775}$	$\frac{332}{1775}$	$\frac{434}{1775}$	$\frac{447}{1775}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
136885	1776	445	$\frac{9}{445}$	$\frac{1}{5}$	$\frac{109}{445}$	$\frac{112}{445}$	$\Phi_{445}^{4}\ \Phi_{89}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
136886	1776	680	$\frac{1}{17}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{680}^{3}\ \Phi_{340}^{3}\ \Phi_{170}^{3}\ \Phi_{136}^{3}\ \Phi_{85}^{3}\ \Phi_{68}\ \Phi_{34}$
136887	1776	980	$\frac{1}{49}$	$\frac{1}{5}$	$\frac{12}{49}$	$\frac{1}{4}$	$\Phi_{980}^{3}\ \Phi_{490}^{3}\ \Phi_{140}^{3}\ \Phi_{70}^{3}\ \Phi_{20}^{4}\ \Phi_{10}^{4}$
136888	1776	2372	$\frac{13}{593}$	$\frac{112}{593}$	$\frac{145}{593}$	$\frac{1}{4}$	$\Phi_{2372}\ \Phi_{1186}$
136889	1776	1880	$\frac{3}{47}$	$\frac{3}{40}$	$\frac{11}{47}$	$\frac{1}{4}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{470}\ \Phi_{376}\ \Phi_{235}\ \Phi_{47}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
136890	1776	816	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{816}^{3}\ \Phi_{408}^{3}\ \Phi_{272}^{3}\ \Phi_{136}^{3}\ \Phi_{68}\ \Phi_{34}$
136891	1776	380	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{380}^{6}\ \Phi_{190}^{3}\ \Phi_{95}^{3}\ \Phi_{76}^{8}\ \Phi_{38}^{4}\ \Phi_{20}^{3}\ \Phi_{19}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
136892	1776	1540	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1540}^{2}\ \Phi_{770}^{2}\ \Phi_{220}^{2}\ \Phi_{140}\ \Phi_{110}^{2}\ \Phi_{70}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
136893	1776	420	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^{7}\ \Phi_{210}^{3}\ \Phi_{140}^{7}\ \Phi_{105}^{4}\ \Phi_{70}^{3}\ \Phi_{60}^{7}\ \Phi_{35}^{4}\ \Phi_{30}^{3}\ \Phi_{20}^{8}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{4}$
136894	1776	520	$\frac{3}{40}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{520}^{4}\ \Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{104}^{4}\ \Phi_{65}^{4}\ \Phi_{52}^{4}\ \Phi_{26}^{4}\ \Phi_{13}^{4}$
136895	1776	3060	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{170}\ \Phi_{68}\ \Phi_{34}$
136896	1776	1428	$\frac{1}{17}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1428}^{2}\ \Phi_{714}\ \Phi_{476}^{2}\ \Phi_{357}\ \Phi_{238}\ \Phi_{119}\ \Phi_{68}\ \Phi_{34}$
136897	1776	1880	$\frac{3}{40}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{4}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{470}\ \Phi_{376}\ \Phi_{235}\ \Phi_{47}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
136898	1776	2520	$\frac{3}{40}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{420}\ \Phi_{315}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{63}\ \Phi_{21}$
136899	1776	2256	$\frac{3}{47}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{11}{47}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{752}\ \Phi_{376}\ \Phi_{48}^{2}\ \Phi_{47}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
136900	1776	2115	$\frac{3}{47}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{11}{47}$	$\Phi_{2115}\ \Phi_{705}\ \Phi_{235}\ \Phi_{47}\ \Phi_{45}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
136901	1776	1974	$\frac{3}{47}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{11}{47}$	$\Phi_{1974}\ \Phi_{987}\ \Phi_{658}\ \Phi_{329}\ \Phi_{47}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
136902	1776	3120	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{48}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{65}$
136903	1776	2256	$\frac{1}{12}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{11}{48}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{752}\ \Phi_{376}\ \Phi_{48}^{2}\ \Phi_{47}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
136904	1776	1008	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{11}{48}$	$\Phi_{1008}^{3}\ \Phi_{504}^{3}\ \Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{112}^{2}\ \Phi_{63}\ \Phi_{56}^{2}\ \Phi_{21}$
136905	1776	567	$\frac{7}{81}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{9}$	$\Phi_{567}^{4}\ \Phi_{189}^{4}\ \Phi_{63}\ \Phi_{21}$
136906	1776	142	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{31}{142}$	$\Phi_{142}^{16}\ \Phi_{71}^{9}\ \Phi_{2}^{16}\ \Phi_{1}^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
136907	1776	2380	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{140}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{476}\ \Phi_{340}\ \Phi_{238}\ \Phi_{170}\ \Phi_{119}\ \Phi_{68}\ \Phi_{34}$
136908	1776	115	$\frac{4}{115}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{115}^{16}\ \Phi_{23}^{16}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
136909	1776	275	$\frac{2}{55}$	$\frac{53}{275}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{275}^{8}\ \Phi_{25}^{8}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
136910	1776	220	$\frac{1}{22}$	$\frac{7}{44}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{220}^{9}\ \Phi_{110}^{6}\ \Phi_{55}^{6}\ \Phi_{44}^{12}\ \Phi_{22}^{8}\ \Phi_{20}^{9}\ \Phi_{11}^{8}\ \Phi_{10}^{6}\ \Phi_{5}^{9}\ \Phi_{4}^{12}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
136911	1776	165	$\frac{4}{55}$	$\frac{17}{165}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{165}^{12}\ \Phi_{55}^{8}\ \Phi_{33}^{12}\ \Phi_{15}^{12}\ \Phi_{11}^{8}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
136912	1776	40	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{40}^{48}\ \Phi_{20}^{48}\ \Phi_{10}^{32}\ \Phi_{8}^{48}\ \Phi_{5}^{35}\ \Phi_{4}^{48}\ \Phi_{2}^{32}\ \Phi_{1}^{36}$
136913	1776	605	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{605}^{3}\ \Phi_{121}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
136914	1776	585	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{5}$	$\Phi_{585}^{3}\ \Phi_{195}^{3}\ \Phi_{117}^{4}\ \Phi_{65}^{4}\ \Phi_{39}^{4}\ \Phi_{13}^{4}$
136915	1776	2730	$\frac{1}{13}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{910}\ \Phi_{455}\ \Phi_{65}$
136916	1776	2115	$\frac{5}{47}$	$\frac{1}{9}$	$\frac{7}{47}$	$\frac{8}{45}$	$\Phi_{2115}\ \Phi_{705}\ \Phi_{235}\ \Phi_{47}\ \Phi_{45}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
136917	1776	315	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{45}$	$\Phi_{315}^{8}\ \Phi_{105}^{8}\ \Phi_{63}\ \Phi_{35}^{8}\ \Phi_{21}$
136918	1776	355	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{59}{355}$	$\frac{12}{71}$	$\Phi_{355}^{6}\ \Phi_{71}\ \Phi_{5}^{6}\ \Phi_{1}^{2}$
136919	1776	1974	$\frac{5}{47}$	$\frac{5}{42}$	$\frac{7}{47}$	$\frac{1}{6}$	$\Phi_{1974}\ \Phi_{987}\ \Phi_{658}\ \Phi_{329}\ \Phi_{47}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
136920	1776	126	$\frac{1}{9}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{126}^{15}\ \Phi_{63}^{16}\ \Phi_{42}^{10}\ \Phi_{21}^{11}\ \Phi_{18}^{18}\ \Phi_{14}^{10}\ \Phi_{9}^{18}\ \Phi_{7}^{10}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
136921	1777	3528	$\frac{13}{1764}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1751}{3528}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{392}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
136922	1777	2376	$\frac{5}{594}$	$\frac{1}{6}$	$\frac{599}{2376}$	$\frac{589}{1188}$	$\Phi_{2376}\ \Phi_{792}\ \Phi_{594}\ \Phi_{297}\ \Phi_{264}\ \Phi_{216}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
136923	1777	2136	$\frac{3}{356}$	$\frac{359}{2136}$	$\frac{1}{4}$	$\frac{353}{712}$	$\Phi_{2136}\ \Phi_{1068}\ \Phi_{534}\ \Phi_{356}\ \Phi_{267}\ \Phi_{178}\ \Phi_{89}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
136924	1777	3520	$\frac{17}{1760}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{1743}{3520}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
136925	1777	3520	$\frac{17}{1760}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1743}{3520}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{64}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
136926	1777	3456	$\frac{1}{48}$	$\frac{49}{1728}$	$\frac{1679}{3456}$	$\frac{47}{96}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{96}\ \Phi_{32}\ \Phi_{1}$
136927	1777	2592	$\frac{1}{48}$	$\frac{49}{864}$	$\frac{815}{2592}$	$\frac{47}{96}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{96}\ \Phi_{81}\ \Phi_{32}\ \Phi_{1}$
136928	1777	1920	$\frac{1}{48}$	$\frac{143}{1920}$	$\frac{49}{192}$	$\frac{47}{96}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
136929	1777	2304	$\frac{1}{48}$	$\frac{49}{576}$	$\frac{527}{2304}$	$\frac{47}{96}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{96}\ \Phi_{32}\ \Phi_{1}$
136930	1777	2016	$\frac{1}{48}$	$\frac{239}{2016}$	$\frac{49}{288}$	$\frac{47}{96}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
136931	1777	1980	$\frac{5}{198}$	$\frac{203}{1980}$	$\frac{1}{6}$	$\frac{193}{396}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
136932	1777	3456	$\frac{49}{1728}$	$\frac{1}{24}$	$\frac{23}{72}$	$\frac{1679}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
136933	1777	3456	$\frac{49}{1728}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1679}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
136934	1777	3456	$\frac{49}{1728}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1679}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
136935	1777	1944	$\frac{5}{162}$	$\frac{167}{1944}$	$\frac{1}{6}$	$\frac{157}{324}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{243}\ \Phi_{216}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
136936	1777	3432	$\frac{61}{1716}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1655}{3432}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{264}\ \Phi_{104}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
136937	1777	2400	$\frac{23}{600}$	$\frac{1}{24}$	$\frac{623}{2400}$	$\frac{577}{1200}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{200}\ \Phi_{160}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
136938	1777	3360	$\frac{1}{24}$	$\frac{97}{1680}$	$\frac{23}{120}$	$\frac{1583}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
136939	1777	3360	$\frac{97}{1680}$	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1583}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{96}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
136940	1777	2048	$\frac{15}{256}$	$\frac{1}{16}$	$\frac{271}{2048}$	$\frac{241}{512}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
136941	1777	2112	$\frac{17}{352}$	$\frac{1}{16}$	$\frac{335}{2112}$	$\frac{15}{32}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{64}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
136942	1777	1920	$\frac{1}{16}$	$\frac{143}{1920}$	$\frac{17}{160}$	$\frac{15}{32}$	Φ_{1920} Φ_{960} Φ_{640} Φ_{480} Φ_{384} Φ_{320} Φ_{240} Φ_{192} Φ_{128} Φ_{120} Φ_{96} Φ_{64} Φ_{60} Φ_{48} Φ_{32} Φ_{30} Φ_{24} Φ_{15} Φ_{12} Φ_{6} Φ_{3} Φ_{1}
136943	1777	2160	$\frac{1}{24}$	$\frac{23}{360}$	$\frac{383}{2160}$	$\frac{337}{720}$	Φ_{2160} Φ_{1080} Φ_{540} Φ_{432} Φ_{360} Φ_{270} Φ_{216} Φ_{180} Φ_{135} Φ_{120} Φ_{108} Φ_{90} Φ_{72} Φ_{60} Φ_{54} Φ_{45} Φ_{40} Φ_{36} Φ_{30} Φ_{27} Φ_{20} Φ_{18} Φ_{15} Φ_{10} Φ_{9} Φ_{5} Φ_{1}
136944	1777	3328	$\frac{1}{16}$	$\frac{113}{1664}$	$\frac{15}{128}$	$\frac{1551}{3328}$	Φ_{3328} Φ_{256} Φ_{128} Φ_{64} Φ_{32} Φ_{1}
136945	1777	1848	$\frac{71}{1848}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{132}$	Φ_{1848} Φ_{924} Φ_{616} Φ_{462} Φ_{308} Φ_{264} Φ_{231} Φ_{168} Φ_{154} Φ_{88} Φ_{84} Φ_{77} Φ_{66} Φ_{56} Φ_{42} Φ_{33} Φ_{28} Φ_{24} Φ_{22} Φ_{21} Φ_{14} Φ_{11} Φ_{8} Φ_{7} Φ_{1}
136946	1777	1836	$\frac{59}{1836}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	Φ_{1836} Φ_{918} Φ_{612} Φ_{459} Φ_{306} Φ_{204} Φ_{153} Φ_{102} Φ_{68} Φ_{54} Φ_{51} Φ_{34} Φ_{27} Φ_{18} Φ_{17} Φ_{9} Φ_{1}
136947	1777	3240	$\frac{5}{162}$	$\frac{157}{1620}$	$\frac{1}{6}$	$\frac{1463}{3240}$	Φ_{3240} Φ_{1080} Φ_{648} Φ_{360} Φ_{216} Φ_{162} Φ_{120} Φ_{81} Φ_{72} Φ_{54} Φ_{40} Φ_{27} Φ_{24} Φ_{18} Φ_{9} Φ_{8} Φ_{1}
136948	1777	3168	$\frac{5}{198}$	$\frac{193}{1584}$	$\frac{1}{6}$	$\frac{1391}{3168}$	Φ_{3168} Φ_{1056} Φ_{352} Φ_{288} Φ_{198} Φ_{99} Φ_{96} Φ_{66} Φ_{33} Φ_{32} Φ_{22} Φ_{18} Φ_{11} Φ_{9} Φ_{1}
136949	1777	3136	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{209}{1568}$	$\frac{1359}{3136}$	Φ_{3136} Φ_{448} Φ_{224} Φ_{112} Φ_{64} Φ_{56} Φ_{32} Φ_{28} Φ_{14} Φ_{7} Φ_{1}
136950	1777	2072	$\frac{1}{37}$	$\frac{36}{259}$	$\frac{295}{2072}$	$\frac{223}{518}$	Φ_{2072} Φ_{1036} Φ_{296} Φ_{259} Φ_{148} Φ_{56} Φ_{28} Φ_{8} Φ_{7} Φ_{4} Φ_{1}
136951	1777	3108	$\frac{1}{37}$	$\frac{36}{259}$	$\frac{223}{1554}$	$\frac{1331}{3108}$	Φ_{3108} Φ_{1036} Φ_{444} Φ_{259} Φ_{148} Φ_{84} Φ_{28} Φ_{12} Φ_{7} Φ_{4} Φ_{1}
136952	1777	1800	$\frac{23}{1800}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	Φ_{1800} Φ_{900} Φ_{600} Φ_{450} Φ_{360} Φ_{300} Φ_{225} Φ_{200} Φ_{180} Φ_{150} Φ_{120} Φ_{100} Φ_{90} Φ_{75} Φ_{72} Φ_{60} Φ_{50} Φ_{45} Φ_{36} Φ_{30} Φ_{25} Φ_{24} Φ_{20} Φ_{18} Φ_{15} Φ_{12} Φ_{10} Φ_{9} Φ_{6} Φ_{5} Φ_{3} Φ_{1}
136953	1777	3072	$\frac{15}{256}$	$\frac{1}{16}$	$\frac{241}{1536}$	$\frac{1295}{3072}$	Φ_{3072} Φ_{1024} Φ_{256} Φ_{128} Φ_{64} Φ_{32} Φ_{1}
136954	1777	1920	$\frac{1}{24}$	$\frac{143}{1920}$	$\frac{23}{120}$	$\frac{97}{240}$	Φ_{1920} Φ_{960} Φ_{640} Φ_{480} Φ_{384} Φ_{320} Φ_{192} Φ_{160} Φ_{128} Φ_{120} Φ_{96} Φ_{64} Φ_{60} Φ_{40} Φ_{32} Φ_{30} Φ_{20} Φ_{15} Φ_{10} Φ_{5} Φ_{1}
136955	1777	2220	$\frac{1}{74}$	$\frac{73}{370}$	$\frac{443}{2220}$	$\frac{297}{740}$	Φ_{2220} Φ_{1110} Φ_{555} Φ_{444} Φ_{370} Φ_{222} Φ_{185} Φ_{111} Φ_{60} Φ_{30} Φ_{15} Φ_{12} Φ_{10} Φ_{6} Φ_{5} Φ_{3} Φ_{1}
136956	1777	2960	$\frac{1}{74}$	$\frac{73}{370}$	$\frac{297}{1480}$	$\frac{1183}{2960}$	Φ_{2960} Φ_{592} Φ_{370} Φ_{185} Φ_{80} Φ_{16} Φ_{10} Φ_{5} Φ_{1}
136957	1777	2880	$\frac{1}{24}$	$\frac{23}{360}$	$\frac{337}{1440}$	$\frac{1103}{2880}$	Φ_{2880} Φ_{960} Φ_{576} Φ_{360} Φ_{320} Φ_{192} Φ_{180} Φ_{120} Φ_{90} Φ_{72} Φ_{64} Φ_{60} Φ_{45} Φ_{40} Φ_{36} Φ_{30} Φ_{20} Φ_{18} Φ_{15} Φ_{10} Φ_{9} Φ_{5} Φ_{1}
136958	1777	2848	$\frac{3}{356}$	$\frac{353}{1424}$	$\frac{1}{4}$	$\frac{1071}{2848}$	Φ_{2848} Φ_{356} Φ_{178} Φ_{89} Φ_{32} Φ_{1}
136959	1777	1800	$\frac{23}{1800}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	Φ_{1800} Φ_{900} Φ_{600} Φ_{450} Φ_{360} Φ_{300} Φ_{225} Φ_{200} Φ_{180} Φ_{150} Φ_{120} Φ_{100} Φ_{90} Φ_{75} Φ_{72} Φ_{60} Φ_{50} Φ_{45} Φ_{40} Φ_{30} Φ_{25} Φ_{24} Φ_{20} Φ_{18} Φ_{15} Φ_{10} Φ_{9} Φ_{8} Φ_{5} Φ_{1}
136960	1777	1872	$\frac{1}{24}$	$\frac{95}{1872}$	$\frac{23}{72}$	$\frac{49}{144}$	Φ_{1872} Φ_{936} Φ_{624} Φ_{468} Φ_{312} Φ_{234} Φ_{208} Φ_{156} Φ_{117} Φ_{104} Φ_{78} Φ_{72} Φ_{52} Φ_{39} Φ_{36} Φ_{26} Φ_{18} Φ_{13} Φ_{9} Φ_{1}
136961	1777	2688	$\frac{15}{448}$	$\frac{1}{16}$	$\frac{433}{1344}$	$\frac{911}{2688}$	Φ_{2688} Φ_{896} Φ_{448} Φ_{384} Φ_{224} Φ_{128} Φ_{112} Φ_{64} Φ_{56} Φ_{32} Φ_{28} Φ_{14} Φ_{7} Φ_{1}
136962	1777	2664	$\frac{1}{222}$	$\frac{221}{666}$	$\frac{887}{2664}$	$\frac{445}{1332}$	Φ_{2664} Φ_{888} Φ_{666} Φ_{333} Φ_{296} Φ_{72} Φ_{24} Φ_{18} Φ_{9} Φ_{8} Φ_{1}
136963	1777	2646	$\frac{13}{882}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{869}{2646}$	Φ_{2646} Φ_{1323} Φ_{378} Φ_{189} Φ_{54} Φ_{27} Φ_{18} Φ_{9} Φ_{1}
136964	1777	2640	$\frac{17}{880}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{863}{2640}$	Φ_{2640} Φ_{1320} Φ_{660} Φ_{528} Φ_{330} Φ_{264} Φ_{240} Φ_{165} Φ_{132} Φ_{120} Φ_{66} Φ_{60} Φ_{48} Φ_{33} Φ_{30} Φ_{24} Φ_{20} Φ_{15} Φ_{12} Φ_{10} Φ_{6} Φ_{5} Φ_{3} Φ_{1}
136965	1777	2592	$\frac{1}{24}$	$\frac{49}{864}$	$\frac{815}{2592}$	$\frac{23}{72}$	Φ_{2592} Φ_{1296} Φ_{648} Φ_{324} Φ_{162} Φ_{81} Φ_{72} Φ_{36} Φ_{18} Φ_{9} Φ_{1}
136966	1777	2304	$\frac{1}{24}$	$\frac{49}{576}$	$\frac{527}{2304}$	$\frac{23}{72}$	Φ_{2304} Φ_{1152} Φ_{768} Φ_{384} Φ_{256} Φ_{128} Φ_{72} Φ_{36} Φ_{18} Φ_{9} Φ_{1}
136967	1777	1944	$\frac{1}{24}$	$\frac{167}{1944}$	$\frac{49}{216}$	$\frac{23}{72}$	Φ_{1944} Φ_{972} Φ_{648} Φ_{486} Φ_{324} Φ_{243} Φ_{162} Φ_{81} Φ_{72} Φ_{36} Φ_{18} Φ_{9} Φ_{1}
136968	1777	2160	$\frac{1}{24}$	$\frac{49}{432}$	$\frac{383}{2160}$	$\frac{23}{72}$	Φ_{2160} Φ_{1080} Φ_{720} Φ_{540} Φ_{360} Φ_{270} Φ_{240} Φ_{180} Φ_{135} Φ_{120} Φ_{90} Φ_{80} Φ_{72} Φ_{60} Φ_{45} Φ_{40} Φ_{36} Φ_{30} Φ_{20} Φ_{18} Φ_{15} Φ_{10} Φ_{9} Φ_{5} Φ_{1}
136969	1777	2016	$\frac{1}{24}$	$\frac{239}{2016}$	$\frac{49}{288}$	$\frac{23}{72}$	Φ_{2016} Φ_{1008} Φ_{672} Φ_{504} Φ_{336} Φ_{252} Φ_{224} Φ_{168} Φ_{126} Φ_{112} Φ_{84} Φ_{72} Φ_{63} Φ_{56} Φ_{42} Φ_{36} Φ_{28} Φ_{21} Φ_{18} Φ_{14} Φ_{9} Φ_{7} Φ_{1}
136970	1777	2592	$\frac{49}{864}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{815}{2592}$	Φ_{2592} Φ_{1296} Φ_{648} Φ_{324} Φ_{162} Φ_{81} Φ_{54} Φ_{27} Φ_{18} Φ_{9} Φ_{1}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
136971	1777	2304	$\frac{15}{256}$	$\frac{1}{16}$	$\frac{527}{2304}$	$\frac{241}{768}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
136972	1777	2574	$\frac{61}{858}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{797}{2574}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{234}\ \Phi_{198}\ \Phi_{117}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
136973	1777	2520	$\frac{1}{24}$	$\frac{97}{840}$	$\frac{23}{120}$	$\frac{743}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
136974	1777	2016	$\frac{1}{16}$	$\frac{239}{2016}$	$\frac{15}{112}$	$\frac{97}{336}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
136975	1777	2331	$\frac{1}{37}$	$\frac{36}{259}$	$\frac{554}{2331}$	$\frac{223}{777}$	$\Phi_{2331}\ \Phi_{333}\ \Phi_{259}\ \Phi_{63}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
136976	1777	2016	$\frac{13}{252}$	$\frac{239}{2016}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
136977	1777	1890	$\frac{113}{1890}$	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{54}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
136978	1777	2430	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{157}{810}$	$\frac{653}{2430}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{486}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
136979	1777	1920	$\frac{1}{16}$	$\frac{143}{1920}$	$\frac{15}{64}$	$\frac{49}{192}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
136980	1777	2376	$\frac{5}{198}$	$\frac{1}{6}$	$\frac{193}{792}$	$\frac{599}{2376}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}\ \Phi_{198}\ \Phi_{108}\ \Phi_{99}\ \Phi_{66}\ \Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
136981	1777	1840	$\frac{63}{1840}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{368}\ \Phi_{230}\ \Phi_{184}\ \Phi_{115}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
136982	1777	2200	$\frac{17}{440}$	$\frac{3}{20}$	$\frac{423}{2200}$	$\frac{1}{4}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
136983	1777	1920	$\frac{143}{1920}$	$\frac{17}{160}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
136984	1777	1980	$\frac{17}{220}$	$\frac{203}{1980}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
136985	1777	2304	$\frac{1}{16}$	$\frac{49}{576}$	$\frac{527}{2304}$	$\frac{15}{64}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
136986	1777	1944	$\frac{167}{1944}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{216}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
136987	1777	2240	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{97}{560}$	$\frac{463}{2240}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
136988	1777	2160	$\frac{5}{54}$	$\frac{49}{432}$	$\frac{1}{6}$	$\frac{383}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
136989	1778	3036	$\frac{1}{253}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{126}{253}$	$\Phi_{3036}\ \Phi_{1012}\ \Phi_{276}\ \Phi_{253}\ \Phi_{132}\ \Phi_{92}\ \Phi_{44}\ \Phi_{23}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{4}^2\ \Phi_{1}^2$
136990	1778	2277	$\frac{1}{253}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{126}{253}$	$\Phi_{2277}\ \Phi_{253}\ \Phi_{207}\ \Phi_{99}\ \Phi_{23}\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{1}^2$
136991	1778	1770	$\frac{4}{885}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{881}{1770}$	$\Phi_{1770}^2\ \Phi_{590}^2\ \Phi_{354}^2\ \Phi_{118}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{2}^2$
136992	1778	1068	$\frac{1}{178}$	$\frac{179}{1068}$	$\frac{1}{3}$	$\frac{177}{356}$	$\Phi_{1068}\ \Phi_{534}^2\ \Phi_{356}^2\ \Phi_{267}^2\ \Phi_{178}^2\ \Phi_{89}^2\ \Phi_{12}\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
136993	1778	3276	$\frac{1}{126}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{125}{252}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}^2\ \Phi_{156}\ \Phi_{84}^2\ \Phi_{52}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
136994	1778	504	$\frac{1}{126}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{125}{252}$	$\Phi_{504}^4\ \Phi_{252}^2\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{84}^2\ \Phi_{72}^4\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^5\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_{9}^4\ \Phi_{8}^4\ \Phi_{7}^4\ \Phi_{6}^5\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
136995	1778	5280	$\frac{9}{880}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{871}{1760}$	$\Phi_{5280}\ \Phi_{1056}\ \Phi_{480}\ \Phi_{96}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
136996	1778	680	$\frac{1}{85}$	$\frac{1}{8}$	$\frac{43}{170}$	$\frac{42}{85}$	$\Phi_{680}^3\ \Phi_{340}^3\ \Phi_{170}\ \Phi_{136}^3\ \Phi_{85}^2\ \Phi_{68}^3\ \Phi_{40}^3\ \Phi_{34}\ \Phi_{20}^3\ \Phi_{17}^2\ \Phi_{10}\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
136997	1778	1000	$\frac{2}{125}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{123}{250}$	$\Phi_{1000}^2\ \Phi_{500}^2\ \Phi_{200}^2\ \Phi_{125}^2\ \Phi_{100}^2\ \Phi_{40}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
136998	1778	1224	$\frac{1}{51}$	$\frac{1}{8}$	$\frac{26}{153}$	$\frac{25}{51}$	$\Phi_{1224}^2\ \Phi_{612}^2\ \Phi_{408}\ \Phi_{306}^2\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{72}^2\ \Phi_{68}\ \Phi_{36}^2\ \Phi_{34}\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
136999	1778	3720	$\frac{3}{124}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{121}{248}$	$\Phi_{3720}\ \Phi_{1240}\ \Phi_{744}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
137000	1778	240	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{113}{240}$	$\Phi_{240}^{14}\ \Phi_{120}\ \Phi_{80}^{14}\ \Phi_{60}\ \Phi_{48}^{14}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}^{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
137001	1778	136	$\frac{1}{17}$	$\frac{9}{136}$	$\frac{1}{8}$	$\frac{8}{17}$	$\Phi_{136}^{13}\ \Phi_{68}^{13}\ \Phi_{34}^{13}\ \Phi_{17}^{14}\ \Phi_8^{12}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{14}$
137002	1778	1080	$\frac{8}{135}$	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{15}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{120}\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
137003	1778	952	$\frac{1}{17}$	$\frac{8}{119}$	$\frac{1}{8}$	$\frac{111}{238}$	$\Phi_{952}^2\ \Phi_{476}^2\ \Phi_{136}^3\ \Phi_{119}^2\ \Phi_{68}^3\ \Phi_{56}^2\ \Phi_{34}\ \Phi_{28}^2\ \Phi_{17}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
137004	1778	1677	$\frac{2}{129}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1677}\ \Phi_{559}\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_{13}\ \Phi_1^2$
137005	1778	2457	$\frac{1}{63}$	$\frac{1}{13}$	$\frac{62}{189}$	$\frac{6}{13}$	$\Phi_{2457}\ \Phi_{351}\ \Phi_{189}^2\ \Phi_{27}^2\ \Phi_{13}\ \Phi_1^2$
137006	1778	2184	$\frac{1}{42}$	$\frac{1}{13}$	$\frac{41}{168}$	$\frac{6}{13}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{364}\ \Phi_{312}\ \Phi_{168}^2\ \Phi_{156}\ \Phi_{104}\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{52}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
137007	1778	1716	$\frac{5}{132}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{286}\ \Phi_{156}\ \Phi_{143}\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{52}\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_4^2\ \Phi_1^2$
137008	1778	1729	$\frac{6}{133}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{1729}\ \Phi_{247}\ \Phi_{133}^2\ \Phi_{19}^2\ \Phi_{13}\ \Phi_1^2$
137009	1778	1911	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{20}{147}$	$\frac{6}{13}$	$\Phi_{1911}\ \Phi_{637}\ \Phi_{147}^2\ \Phi_{49}^2\ \Phi_{13}\ \Phi_1^2$
137010	1778	1872	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{17}{144}$	$\frac{6}{13}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}^2\ \Phi_{104}\ \Phi_{72}^2\ \Phi_{52}\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
137011	1778	1755	$\frac{8}{135}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{6}{13}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}^2\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_5^2\ \Phi_1^2$
137012	1778	1820	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{13}{140}$	$\frac{6}{13}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{140}^2\ \Phi_{130}\ \Phi_{70}^2\ \Phi_{65}\ \Phi_{52}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
137013	1778	900	$\frac{11}{900}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137014	1778	1602	$\frac{1}{89}$	$\frac{88}{801}$	$\frac{1}{3}$	$\frac{713}{1602}$	$\Phi_{1602}^2\ \Phi_{534}^2\ \Phi_{267}\ \Phi_{178}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_2^2$
137015	1778	3360	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{15}{112}$	$\frac{97}{224}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
137016	1778	384	$\frac{1}{128}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{384}^5\ \Phi_{192}^5\ \Phi_{128}^4\ \Phi_{96}^5\ \Phi_{64}^4\ \Phi_{48}^5\ \Phi_{32}^4\ \Phi_{24}^5\ \Phi_{16}^4\ \Phi_{12}^3\ \Phi_8^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
137017	1778	132	$\frac{5}{132}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{132}^{13}\ \Phi_{66}^{14}\ \Phi_{44}^{13}\ \Phi_{33}^{14}\ \Phi_{22}^{14}\ \Phi_{12}^{14}\ \Phi_{11}^{13}\ \Phi_6^{14}\ \Phi_4^{14}\ \Phi_3^{14}\ \Phi_2^{14}\ \Phi_1^{14}$
137018	1778	276	$\frac{1}{23}$	$\frac{11}{138}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{276}^{11}\ \Phi_{138}^2\ \Phi_{92}^{11}\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{12}^{12}\ \Phi_6^2\ \Phi_4^{12}\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
137019	1778	640	$\frac{1}{128}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{128}^2\ \Phi_{80}^3\ \Phi_{64}^2\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
137020	1778	520	$\frac{3}{130}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{520}^4\ \Phi_{260}^4\ \Phi_{130}^2\ \Phi_{104}^4\ \Phi_{65}^2\ \Phi_{52}^4\ \Phi_{40}^3\ \Phi_{26}^2\ \Phi_{20}^3\ \Phi_{13}^2\ \Phi_{10}\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
137021	1778	408	$\frac{1}{51}$	$\frac{1}{8}$	$\frac{25}{102}$	$\frac{77}{204}$	$\Phi_{408}^5\ \Phi_{204}^3\ \Phi_{136}^5\ \Phi_{102}^5\ \Phi_{68}^3\ \Phi_{51}^4\ \Phi_{34}^5\ \Phi_{24}^5\ \Phi_{17}^4\ \Phi_{12}^3\ \Phi_8^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
137022	1778	4272	$\frac{1}{178}$	$\frac{177}{712}$	$\frac{1}{3}$	$\frac{535}{1424}$	$\Phi_{4272}\ \Phi_{534}\ \Phi_{267}\ \Phi_{48}\ \Phi_6$
137023	1778	960	$\frac{1}{32}$	$\frac{1}{15}$	$\frac{31}{96}$	$\frac{65}{192}$	$\Phi_{960}^3\ \Phi_{480}\ \Phi_{320}^3\ \Phi_{240}\ \Phi_{192}^2\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
137024	1778	1152	$\frac{1}{128}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1152}^2\ \Phi_{576}^2\ \Phi_{384}\ \Phi_{288}^2\ \Phi_{192}\ \Phi_{144}^2\ \Phi_{96}\ \Phi_{72}^2\ \Phi_{48}\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
137025	1778	1032	$\frac{2}{129}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1032}^2\ \Phi_{516}^2\ \Phi_{344}^2\ \Phi_{258}^2\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
137026	1778	1068	$\frac{1}{89}$	$\frac{179}{1068}$	$\frac{88}{267}$	$\frac{1}{3}$	$\Phi_{1068}^2\ \Phi_{534}^2\ \Phi_{356}^2\ \Phi_{267}\ \Phi_{178}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
137027	1778	1512	$\frac{1}{63}$	$\frac{1}{8}$	$\frac{62}{189}$	$\frac{1}{3}$	$\Phi_{1512}^2\ \Phi_{756}^2\ \Phi_{378}^2\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
137028	1778	1320	$\frac{9}{440}$	$\frac{1}{10}$	$\frac{431}{1320}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}^2\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
137029	1778	900	$\frac{11}{900}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
137030	1778	3540	$\frac{4}{295}$	$\frac{1}{5}$	$\frac{291}{1180}$	$\frac{1}{3}$	$\Phi_{3540}\ \Phi_{1770}\ \Phi_{708}\ \Phi_{354}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
137031	1778	168	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{41}{168}$	$\frac{1}{3}$	$\Phi_{168}^{10}\ \Phi_{84}^{10}\ \Phi_{56}^{10}\ \Phi_{42}^{12}\ \Phi_{28}^{10}\ \Phi_{24}^{11}\ \Phi_{21}^{12}\ \Phi_{14}^{12}\ \Phi_{12}^{11}\ \Phi_8^{10}\ \Phi_7^{12}\ \Phi_6^{13}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
137032	1778	2760	$\frac{31}{920}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
137033	1778	2088	$\frac{7}{261}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{522}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{116}\ \Phi_{58}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
137034	1778	396	$\frac{5}{132}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{396}^6\ \Phi_{198}^6\ \Phi_{132}^2\ \Phi_{99}^5\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^6\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^6\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9^6\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
137035	1778	414	$\frac{1}{23}$	$\frac{11}{138}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{414}^6\ \Phi_{207}^5\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{18}^6\ \Phi_9^6\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
137036	1778	2520	$\frac{2}{63}$	$\frac{1}{8}$	$\frac{61}{315}$	$\frac{1}{3}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{120}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
137037	1778	3300	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{211}{1100}$	$\frac{1}{3}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{825}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
137038	1778	264	$\frac{5}{132}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{264}^8\ \Phi_{132}^6\ \Phi_{88}^8\ \Phi_{66}^6\ \Phi_{44}^6\ \Phi_{33}^6\ \Phi_{24}^5\ \Phi_{22}^6\ \Phi_{12}^3\ \Phi_{11}^6\ \Phi_8^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
137039	1778	3192	$\frac{6}{133}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{3192}\ \Phi_{1596}\ \Phi_{798}\ \Phi_{456}\ \Phi_{228}\ \Phi_{114}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
137040	1778	1176	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{20}{147}$	$\frac{1}{3}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{392}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
137041	1778	144	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{144}^{14}\ \Phi_{72}^{10}\ \Phi_{48}^{14}\ \Phi_{36}^{10}\ \Phi_{24}^{11}\ \Phi_{18}^{12}\ \Phi_{16}^{14}\ \Phi_{12}^{11}\ \Phi_9^{12}\ \Phi_8^{10}\ \Phi_6^{13}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
137042	1778	1080	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
137043	1778	2184	$\frac{19}{273}$	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{312}\ \Phi_{182}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
137044	1778	840	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{840}^4\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{168}^2\ \Phi_{120}^4\ \Phi_{105}^3\ \Phi_{84}\ \Phi_{60}^3\ \Phi_{42}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
137045	1778	960	$\frac{71}{960}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137046	1778	990	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{990}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137047	1778	3000	$\frac{4}{125}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{121}{375}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
137048	1778	360	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{8}$	$\frac{53}{180}$	$\Phi_{360}^8\ \Phi_{180}^6\ \Phi_{120}\ \Phi_{90}^6\ \Phi_{72}^8\ \Phi_{60}\ \Phi_{45}^6\ \Phi_{40}\ \Phi_{36}^6\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}^6\ \Phi_{12}\ \Phi_{10}\ \Phi_9^6\ \Phi_6$
137049	1778	720	$\frac{1}{15}$	$\frac{17}{144}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{144}^2\ \Phi_{120}\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{45}^3\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9^2\ \Phi_6$
137050	1778	2856	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{16}{119}$	$\frac{103}{357}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{408}\ \Phi_{204}\ \Phi_{168}\ \Phi_{136}\ \Phi_{102}\ \Phi_{84}\ \Phi_{68}\ \Phi_{42}\ \Phi_{34}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
137051	1778	600	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{23}{150}$	$\frac{7}{30}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{200}^4\ \Phi_{150}^2\ \Phi_{120}\ \Phi_{100}^4\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
137052	1778	135	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{135}^{14}\ \Phi_{45}^{11}\ \Phi_{27}^{14}\ \Phi_{15}^{11}\ \Phi_9^{14}\ \Phi_5^{10}\ \Phi_3^{14}\ \Phi_1^{14}$
137053	1778	480	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{160}$	$\Phi_{480}^5\ \Phi_{240}^5\ \Phi_{160}^4\ \Phi_{120}\ \Phi_{96}^5\ \Phi_{80}^4\ \Phi_{60}\ \Phi_{48}^5\ \Phi_{40}\ \Phi_{32}^4\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
137054	1778	2200	$\frac{21}{275}$	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}\ \Phi_{44}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
137055	1778	600	$\frac{2}{25}$	$\frac{1}{8}$	$\frac{23}{150}$	$\frac{1}{5}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}^4\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^4\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_{10}\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
137056	1779	2364	$\frac{2}{591}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{589}{1182}$	$\Phi_{2364}\ \Phi_{788}\ \Phi_{591}\ \Phi_{197}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
137057	1779	1016	$\frac{1}{254}$	$\frac{85}{508}$	$\frac{423}{1016}$	$\frac{253}{508}$	$\Phi_{1016}^3\ \Phi_{508}\ \Phi_8^3\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
137058	1779	792	$\frac{1}{198}$	$\frac{1}{4}$	$\frac{199}{792}$	$\frac{197}{396}$	$\Phi_{792}^3\,\Phi_{396}^2\,\Phi_{264}^3\,\Phi_{198}\,\Phi_{132}^2\,\Phi_{99}\,\Phi_{88}^3\,\Phi_{72}^3\,\Phi_{66}\,\Phi_{44}^2\,\Phi_{36}^2\,\Phi_{33}\,\Phi_{24}^3\,\Phi_{22}\,\Phi_{18}\,\Phi_{12}^2\,\Phi_{11}\,\Phi_9\,\Phi_8^3\,\Phi_6\,\Phi_4\,\Phi_3\,\Phi_1$
137059	1779	1176	$\frac{5}{588}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{583}{1176}$	$\Phi_{1176}^3\,\Phi_{392}^3\,\Phi_{168}^3\,\Phi_{56}^3\,\Phi_{28}\,\Phi_{24}^3\,\Phi_8^3\,\Phi_4\,\Phi_1$
137060	1779	1176	$\frac{5}{588}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{583}{1176}$	$\Phi_{1176}^3\,\Phi_{392}^3\,\Phi_{168}^3\,\Phi_{56}^3\,\Phi_{24}^3\,\Phi_8^3\,\Phi_7^2\,\Phi_1^3$
137061	1779	1176	$\frac{5}{588}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{583}{1176}$	$\Phi_{1176}^3\,\Phi_{392}^3\,\Phi_{168}^3\,\Phi_{56}^3\,\Phi_{24}^3\,\Phi_{12}^2\,\Phi_8^3\,\Phi_6\,\Phi_4\,\Phi_3\,\Phi_1$
137062	1779	2380	$\frac{6}{595}$	$\frac{1}{7}$	$\frac{601}{2380}$	$\frac{589}{1190}$	$\Phi_{2380}\,\Phi_{595}\,\Phi_{476}\,\Phi_{340}\,\Phi_{140}\,\Phi_{119}\,\Phi_{85}\,\Phi_{68}\,\Phi_{35}\,\Phi_{28}\,\Phi_{20}\,\Phi_{17}\,\Phi_5\,\Phi_4\,\Phi_1$
137063	1779	2340	$\frac{8}{585}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{577}{1170}$	$\Phi_{2340}\,\Phi_{780}\,\Phi_{585}\,\Phi_{468}\,\Phi_{260}\,\Phi_{195}\,\Phi_{180}\,\Phi_{156}\,\Phi_{117}\,\Phi_{65}\,\Phi_{60}\,\Phi_{52}\,\Phi_{45}\,\Phi_{39}\,\Phi_{36}^2\,\Phi_{20}\,\Phi_{18}\,\Phi_{15}\,\Phi_{13}\,\Phi_{12}^2\,\Phi_9\,\Phi_6\,\Phi_5\,\Phi_4\,\Phi_3\,\Phi_1$
137064	1779	660	$\frac{1}{66}$	$\frac{67}{660}$	$\frac{1}{4}$	$\frac{65}{132}$	$\Phi_{660}^3\,\Phi_{330}^3\,\Phi_{220}^3\,\Phi_{165}^3\,\Phi_{132}^2\,\Phi_{110}^3\,\Phi_{66}\,\Phi_{60}^3\,\Phi_{55}^3\,\Phi_{44}^2\,\Phi_{33}\,\Phi_{30}^3\,\Phi_{22}\,\Phi_{20}^3\,\Phi_{15}^3\,\Phi_{12}^2\,\Phi_{11}\,\Phi_{10}^3\,\Phi_6\,\Phi_5^3\,\Phi_4\,\Phi_3\,\Phi_1$
137065	1779	3500	$\frac{29}{1750}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1721}{3500}$	$\Phi_{3500}\,\Phi_{700}\,\Phi_{500}\,\Phi_{140}\,\Phi_{100}\,\Phi_{35}\,\Phi_{28}\,\Phi_{20}\,\Phi_5\,\Phi_4\,\Phi_1$
137066	1779	714	$\frac{2}{119}$	$\frac{1}{7}$	$\frac{121}{714}$	$\frac{117}{238}$	$\Phi_{714}^3\,\Phi_{357}^3\,\Phi_{119}^3\,\Phi_{102}^3\,\Phi_{51}^3\,\Phi_{42}^3\,\Phi_{21}^3\,\Phi_{17}^3\,\Phi_7^2\,\Phi_6^3\,\Phi_3^3\,\Phi_1^3$
137067	1779	2332	$\frac{10}{583}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{573}{1166}$	$\Phi_{2332}\,\Phi_{583}\,\Phi_{212}\,\Phi_{53}\,\Phi_{44}^2\,\Phi_{22}\,\Phi_{11}\,\Phi_4\,\Phi_1$
137068	1779	648	$\frac{1}{54}$	$\frac{55}{648}$	$\frac{1}{4}$	$\frac{53}{108}$	$\Phi_{648}^3\,\Phi_{324}^3\,\Phi_{216}^3\,\Phi_{162}^3\,\Phi_{108}^2\,\Phi_{81}^3\,\Phi_{72}^3\,\Phi_{54}\,\Phi_{36}^2\,\Phi_{27}\,\Phi_{24}^3\,\Phi_{18}\,\Phi_{12}^2\,\Phi_9\,\Phi_8^3\,\Phi_6\,\Phi_4\,\Phi_3\,\Phi_1$
137069	1779	3472	$\frac{43}{1736}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1693}{3472}$	$\Phi_{3472}\,\Phi_{496}\,\Phi_{112}\,\Phi_{56}\,\Phi_{28}\,\Phi_{16}\,\Phi_8\,\Phi_4\,\Phi_1$
137070	1779	1152	$\frac{17}{576}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{559}{1152}$	$\Phi_{1152}^3\,\Phi_{384}^3\,\Phi_{128}^3\,\Phi_{36}^2\,\Phi_{18}\,\Phi_{12}^2\,\Phi_9\,\Phi_6\,\Phi_4\,\Phi_3\,\Phi_1$
137071	1779	1144	$\frac{21}{572}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{551}{1144}$	$\Phi_{1144}^3\,\Phi_{104}^3\,\Phi_{88}^3\,\Phi_{44}^2\,\Phi_{22}\,\Phi_{11}\,\Phi_8^3\,\Phi_4\,\Phi_1$
137072	1779	616	$\frac{23}{616}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{616}^3\,\Phi_{308}^3\,\Phi_{154}^3\,\Phi_{88}^3\,\Phi_{77}^3\,\Phi_{56}^3\,\Phi_{44}^2\,\Phi_{28}^3\,\Phi_{22}\,\Phi_{14}^3\,\Phi_{11}\,\Phi_8^3\,\Phi_7^3\,\Phi_4\,\Phi_1$
137073	1779	2268	$\frac{1}{27}$	$\frac{26}{567}$	$\frac{1}{4}$	$\frac{541}{1134}$	$\Phi_{2268}\,\Phi_{756}\,\Phi_{567}\,\Phi_{324}\,\Phi_{252}\,\Phi_{189}\,\Phi_{108}^2\,\Phi_{84}\,\Phi_{81}\,\Phi_{63}\,\Phi_{54}\,\Phi_{36}^2\,\Phi_{28}\,\Phi_{27}\,\Phi_{21}\,\Phi_{18}\,\Phi_{12}^2\,\Phi_9\,\Phi_7\,\Phi_6\,\Phi_4\,\Phi_3\,\Phi_1$
137074	1779	1904	$\frac{6}{119}$	$\frac{125}{1904}$	$\frac{1}{7}$	$\frac{113}{238}$	$\Phi_{1904}\,\Phi_{952}\,\Phi_{476}\,\Phi_{272}\,\Phi_{136}\,\Phi_{119}\,\Phi_{112}\,\Phi_{68}\,\Phi_{56}\,\Phi_{28}\,\Phi_{17}\,\Phi_{16}\,\Phi_8\,\Phi_4\,\Phi_1$
137075	1779	612	$\frac{19}{612}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{612}^3\,\Phi_{306}^3\,\Phi_{204}^3\,\Phi_{153}^3\,\Phi_{102}^3\,\Phi_{68}^3\,\Phi_{51}^3\,\Phi_{36}^2\,\Phi_{34}^3\,\Phi_{18}\,\Phi_{17}^3\,\Phi_{12}^2\,\Phi_9\,\Phi_6\,\Phi_4\,\Phi_3\,\Phi_1$
137076	1779	2244	$\frac{1}{33}$	$\frac{32}{561}$	$\frac{1}{4}$	$\frac{529}{1122}$	$\Phi_{2244}\,\Phi_{748}\,\Phi_{561}\,\Phi_{204}\,\Phi_{187}\,\Phi_{132}^2\,\Phi_{68}\,\Phi_{66}\,\Phi_{51}\,\Phi_{44}^2\,\Phi_{33}\,\Phi_{22}\,\Phi_{17}\,\Phi_{12}^2\,\Phi_{11}\,\Phi_6\,\Phi_4\,\Phi_3\,\Phi_1$
137077	1779	630	$\frac{2}{35}$	$\frac{37}{630}$	$\frac{1}{7}$	$\frac{33}{70}$	$\Phi_{630}^3\,\Phi_{315}^3\,\Phi_{210}^3\,\Phi_{126}^3\,\Phi_{105}^3\,\Phi_{90}^3\,\Phi_{63}^3\,\Phi_{45}^3\,\Phi_{42}^3\,\Phi_{35}^3\,\Phi_{30}^3\,\Phi_{21}^3\,\Phi_{18}^3\,\Phi_{15}^3\,\Phi_9^3\,\Phi_7^2\,\Phi_6^3\,\Phi_5^3\,\Phi_3^3\,\Phi_1^3$
137078	1779	1120	$\frac{2}{35}$	$\frac{33}{560}$	$\frac{1}{7}$	$\frac{527}{1120}$	$\Phi_{1120}^3\,\Phi_{224}^3\,\Phi_{160}^3\,\Phi_{35}^3\,\Phi_{32}^3\,\Phi_7^2\,\Phi_5^3\,\Phi_1^3$
137079	1779	1120	$\frac{33}{560}$	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{527}{1120}$	$\Phi_{1120}^3\,\Phi_{224}^3\,\Phi_{160}^3\,\Phi_{112}\,\Phi_{56}\,\Phi_{32}^3\,\Phi_{28}\,\Phi_{16}\,\Phi_8\,\Phi_4\,\Phi_1$
137080	1779	3332	$\frac{6}{119}$	$\frac{113}{1666}$	$\frac{1}{7}$	$\frac{1553}{3332}$	$\Phi_{3332}\,\Phi_{476}\,\Phi_{196}\,\Phi_{119}\,\Phi_{68}\,\Phi_{28}\,\Phi_{17}\,\Phi_4\,\Phi_1$
137081	1779	784	$\frac{5}{196}$	$\frac{1}{14}$	$\frac{191}{784}$	$\frac{13}{28}$	$\Phi_{784}^3\,\Phi_{392}^3\,\Phi_{112}^3\,\Phi_{56}^3\,\Phi_{28}\,\Phi_{16}^3\,\Phi_8^3\,\Phi_4\,\Phi_1$
137082	1779	616	$\frac{23}{616}$	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{616}^3\,\Phi_{308}^3\,\Phi_{154}^3\,\Phi_{88}^3\,\Phi_{77}^3\,\Phi_{56}^3\,\Phi_{44}^3\,\Phi_{28}\,\Phi_{22}^3\,\Phi_{11}^3\,\Phi_8^3\,\Phi_4\,\Phi_1$
137083	1779	672	$\frac{5}{84}$	$\frac{1}{14}$	$\frac{79}{672}$	$\frac{13}{28}$	$\Phi_{672}^3\,\Phi_{336}^3\,\Phi_{224}^3\,\Phi_{168}^3\,\Phi_{112}^3\,\Phi_{96}^3\,\Phi_{56}^3\,\Phi_{48}^3\,\Phi_{32}^3\,\Phi_{28}\,\Phi_{24}^3\,\Phi_{16}^3\,\Phi_8^3\,\Phi_4\,\Phi_1$
137084	1779	1960	$\frac{1}{14}$	$\frac{15}{196}$	$\frac{181}{1960}$	$\frac{13}{28}$	$\Phi_{1960}\,\Phi_{980}\,\Phi_{490}\,\Phi_{392}\,\Phi_{280}\,\Phi_{245}\,\Phi_{140}\,\Phi_{70}\,\Phi_{56}\,\Phi_{40}\,\Phi_{35}\,\Phi_{28}\,\Phi_{20}\,\Phi_{10}\,\Phi_8\,\Phi_5\,\Phi_4\,\Phi_1$
137085	1779	1080	$\frac{1}{54}$	$\frac{53}{540}$	$\frac{1}{4}$	$\frac{487}{1080}$	$\Phi_{1080}^3\,\Phi_{360}^3\,\Phi_{216}^3\,\Phi_{120}^3\,\Phi_{108}^2\,\Phi_{72}^3\,\Phi_{54}\,\Phi_{40}^3\,\Phi_{36}^2\,\Phi_{27}\,\Phi_{24}^3\,\Phi_{18}\,\Phi_{12}^2\,\Phi_9\,\Phi_8^3\,\Phi_6\,\Phi_4\,\Phi_3\,\Phi_1$
137086	1779	1056	$\frac{1}{66}$	$\frac{65}{528}$	$\frac{1}{4}$	$\frac{463}{1056}$	$\Phi_{1056}^3\,\Phi_{352}^3\,\Phi_{132}^2\,\Phi_{96}^3\,\Phi_{66}\,\Phi_{44}^2\,\Phi_{33}\,\Phi_{32}^3\,\Phi_{22}\,\Phi_{12}^2\,\Phi_{11}\,\Phi_6\,\Phi_4\,\Phi_3\,\Phi_1$
137087	1779	3136	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{211}{1568}$	$\frac{1357}{3136}$	$\Phi_{3136}\,\Phi_{448}\,\Phi_{224}\,\Phi_{112}\,\Phi_{64}\,\Phi_{56}\,\Phi_{32}\,\Phi_{28}\,\Phi_{16}\,\Phi_8\,\Phi_4\,\Phi_1$
137088	1779	600	$\frac{7}{600}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{600}^3\,\Phi_{300}^3\,\Phi_{200}^3\,\Phi_{150}^3\,\Phi_{120}^3\,\Phi_{100}^3\,\Phi_{75}^3\,\Phi_{60}^3\,\Phi_{50}^3\,\Phi_{40}^3\,\Phi_{30}^3\,\Phi_{25}^3\,\Phi_{24}^3\,\Phi_{20}^3\,\Phi_{15}^3\,\Phi_{12}^2\,\Phi_{10}^3\,\Phi_8^3\,\Phi_6\,\Phi_5^3\,\Phi_4\,\Phi_3\,\Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
137089	1779	1016	$\frac{1}{127}$	$\frac{85}{508}$	$\frac{42}{127}$	$\frac{423}{1016}$	$\Phi_{1016}^3\ \Phi_{127}^2\ \Phi_8^3\ \Phi_1^3$
137090	1779	1820	$\frac{41}{1820}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{182}\ \Phi_{140}\ \Phi_{130}\ \Phi_{91}\ \Phi_{65}\ \Phi_{52}\ \Phi_{35}\ \Phi_{28}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_5\ \Phi_4\ \Phi_1$
137091	1779	1980	$\frac{1}{99}$	$\frac{98}{495}$	$\frac{1}{4}$	$\frac{397}{990}$	$\Phi_{1980}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}^2\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{99}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
137092	1779	2540	$\frac{1}{127}$	$\frac{126}{635}$	$\frac{761}{2540}$	$\frac{509}{1270}$	$\Phi_{2540}\ \Phi_{635}\ \Phi_{508}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
137093	1779	952	$\frac{2}{119}$	$\frac{1}{7}$	$\frac{117}{476}$	$\frac{359}{952}$	$\Phi_{952}^3\ \Phi_{136}^3\ \Phi_{119}^3\ \Phi_{56}^3\ \Phi_{17}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
137094	1779	602	$\frac{9}{602}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{602}^3\ \Phi_{301}^3\ \Phi_{86}^3\ \Phi_{43}^3\ \Phi_7^2\ \Phi_1^3$
137095	1779	635	$\frac{4}{127}$	$\frac{42}{635}$	$\frac{41}{127}$	$\frac{43}{127}$	$\Phi_{635}^3\ \Phi_{127}^2\ \Phi_5^3\ \Phi_1^3$
137096	1779	896	$\frac{13}{448}$	$\frac{1}{14}$	$\frac{145}{448}$	$\frac{303}{896}$	$\Phi_{896}^3\ \Phi_{448}\ \Phi_{224}\ \Phi_{128}^3\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
137097	1779	762	$\frac{1}{127}$	$\frac{169}{762}$	$\frac{42}{127}$	$\frac{85}{254}$	$\Phi_{762}^3\ \Phi_{381}^3\ \Phi_{127}^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
137098	1779	882	$\frac{5}{294}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{289}{882}$	$\Phi_{882}^3\ \Phi_{441}^3\ \Phi_{126}^3\ \Phi_{63}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_1^3$
137099	1779	1764	$\frac{5}{294}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{289}{882}$	$\Phi_{1764}^2\ \Phi_{882}\ \Phi_{441}\ \Phi_{252}^2\ \Phi_{126}\ \Phi_{63}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
137100	1779	875	$\frac{29}{875}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{282}{875}$	$\Phi_{875}^2\ \Phi_{175}^2\ \Phi_{125}^2\ \Phi_{35}^3\ \Phi_{25}^2\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
137101	1779	648	$\frac{1}{27}$	$\frac{55}{648}$	$\frac{1}{4}$	$\frac{26}{81}$	$\Phi_{648}^3\ \Phi_{324}^2\ \Phi_{216}^3\ \Phi_{162}^2\ \Phi_{108}^3\ \Phi_{81}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
137102	1779	864	$\frac{1}{18}$	$\frac{17}{288}$	$\frac{1}{4}$	$\frac{271}{864}$	$\Phi_{864}^3\ \Phi_{432}^3\ \Phi_{216}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
137103	1779	1716	$\frac{1}{22}$	$\frac{21}{286}$	$\frac{1}{4}$	$\frac{265}{858}$	$\Phi_{1716}^2\ \Phi_{858}\ \Phi_{429}\ \Phi_{156}^2\ \Phi_{132}^2\ \Phi_{78}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{39}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
137104	1779	672	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{79}{672}$	$\frac{33}{112}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{56}\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{32}^3\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}\ \Phi_{12}^3\ \Phi_8\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
137105	1779	840	$\frac{2}{35}$	$\frac{33}{280}$	$\frac{1}{7}$	$\frac{247}{840}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^3$
137106	1779	833	$\frac{6}{119}$	$\frac{113}{833}$	$\frac{1}{7}$	$\frac{240}{833}$	$\Phi_{833}^2\ \Phi_{119}^3\ \Phi_{49}^2\ \Phi_{17}^3\ \Phi_7^2\ \Phi_1^3$
137107	1779	784	$\frac{5}{196}$	$\frac{1}{7}$	$\frac{191}{784}$	$\frac{2}{7}$	$\Phi_{784}^3\ \Phi_{392}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
137108	1779	609	$\frac{16}{609}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{609}^3\ \Phi_{203}^3\ \Phi_{87}^3\ \Phi_{29}^3\ \Phi_7^2\ \Phi_1^3$
137109	1779	735	$\frac{5}{147}$	$\frac{1}{7}$	$\frac{142}{735}$	$\frac{2}{7}$	$\Phi_{735}^3\ \Phi_{245}^3\ \Phi_{105}^3\ \Phi_{35}^3\ \Phi_{15}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
137110	1779	616	$\frac{23}{616}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{616}^3\ \Phi_{308}^3\ \Phi_{154}^3\ \Phi_{88}^3\ \Phi_{77}^3\ \Phi_{56}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
137111	1779	686	$\frac{5}{98}$	$\frac{93}{686}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{686}^3\ \Phi_{343}^3\ \Phi_7^2\ \Phi_1^3$
137112	1779	630	$\frac{37}{630}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{126}^3\ \Phi_{105}^3\ \Phi_{90}^3\ \Phi_{70}^3\ \Phi_{63}^3\ \Phi_{45}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
137113	1779	672	$\frac{5}{84}$	$\frac{79}{672}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
137114	1779	637	$\frac{44}{637}$	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{637}^3\ \Phi_{91}^3\ \Phi_{13}^3\ \Phi_7^2\ \Phi_1^3$
137115	1779	1620	$\frac{1}{54}$	$\frac{53}{270}$	$\frac{1}{4}$	$\frac{217}{810}$	$\Phi_{1620}^2\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}^2\ \Phi_{162}\ \Phi_{108}^2\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
137116	1779	792	$\frac{1}{66}$	$\frac{65}{264}$	$\frac{1}{4}$	$\frac{199}{792}$	$\Phi_{792}^3\ \Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^2\ \Phi_{99}^3\ \Phi_{72}^3\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{36}^3\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
137117	1779	648	$\frac{1}{18}$	$\frac{55}{648}$	$\frac{17}{72}$	$\frac{1}{4}$	$\Phi_{648}^3\ \Phi_{324}^3\ \Phi_{216}^3\ \Phi_{162}^3\ \Phi_{108}^3\ \Phi_{81}^3\ \Phi_{54}^3\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
137118	1779	756	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{163}{756}$	$\frac{1}{4}$	$\Phi_{756}^2\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^3\ \Phi_{126}^2\ \Phi_{108}^3\ \Phi_{84}^2\ \Phi_{63}^3\ \Phi_{54}^3\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{27}^3\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
137119	1779	1260	$\frac{37}{630}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}^2\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
137120	1779	720	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{127}{720}$	$\frac{1}{4}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^2\ \Phi_{30}^3$ $\Phi_{20}^3\ \Phi_{18}\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_9\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
137121	1779	1260	$\frac{37}{630}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{126}\ \Phi_{105}$ $\Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}$ $\Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
137122	1779	672	$\frac{5}{84}$	$\frac{79}{672}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^2$ $\Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
137123	1779	1404	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{109}{702}$	$\frac{1}{4}$	$\Phi_{1404}^2\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{156}\ \Phi_{117}\ \Phi_{108}^2\ \Phi_{54}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}^2$ $\Phi_{27}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
137124	1779	700	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{107}{700}$	$\frac{33}{140}$	$\Phi_{700}^3\ \Phi_{350}^3\ \Phi_{175}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{35}^3\ \Phi_{25}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
137125	1779	2240	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{99}{560}$	$\frac{461}{2240}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}$ $\Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
137126	1779	1925	$\frac{146}{1925}$	$\frac{1}{7}$	$\frac{29}{175}$	$\frac{6}{35}$	$\Phi_{1925}\ \Phi_{385}\ \Phi_{275}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}\ \Phi_{11}\ \Phi_5\ \Phi_1$
137127	1779	700	$\frac{29}{350}$	$\frac{1}{7}$	$\frac{107}{700}$	$\frac{6}{35}$	$\Phi_{700}^3\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{140}^3\ \Phi_{100}^3\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{14}^2$ $\Phi_{10}^2\ \Phi_7^2\ \Phi_5^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
137128	1780	888	$\frac{1}{444}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{443}{888}$	$\Phi_{888}^4\ \Phi_{296}^4\ \Phi_{24}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
137129	1780	2840	$\frac{1}{355}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{177}{355}$	$\Phi_{2840}\ \Phi_{568}\ \Phi_{355}\ \Phi_{71}\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
137130	1780	594	$\frac{1}{297}$	$\frac{149}{594}$	$\frac{1}{3}$	$\frac{148}{297}$	$\Phi_{594}^4\ \Phi_{297}^2\ \Phi_{198}^4\ \Phi_{99}^2\ \Phi_{66}^4\ \Phi_{54}^4\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{11}^2\ \Phi_9^2$ $\Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
137131	1780	1773	$\frac{7}{1773}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{883}{1773}$	$\Phi_{1773}\ \Phi_{591}\ \Phi_{197}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
137132	1780	593	$\frac{3}{593}$	$\frac{148}{593}$	$\frac{149}{593}$	$\frac{295}{593}$	$\Phi_{593}^3\ \Phi_1^4$
137133	1780	531	$\frac{1}{177}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{88}{177}$	$\Phi_{531}^3\ \Phi_{177}^4\ \Phi_{59}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
137134	1780	354	$\frac{1}{177}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{88}{177}$	$\Phi_{354}^6\ \Phi_{177}^4\ \Phi_{118}^6\ \Phi_{59}^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
137135	1780	1779	$\frac{11}{1779}$	$\frac{179}{1779}$	$\frac{800}{1779}$	$\frac{884}{1779}$	$\Phi_{1779}\ \Phi_{593}\ \Phi_3\ \Phi_1^2$
137136	1780	714	$\frac{1}{119}$	$\frac{1}{6}$	$\frac{30}{119}$	$\frac{59}{119}$	$\Phi_{714}^3\ \Phi_{357}^3\ \Phi_{238}^3\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{42}^3\ \Phi_{34}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
137137	1780	882	$\frac{4}{441}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{437}{882}$	$\Phi_{882}^4\ \Phi_{294}^4\ \Phi_{126}^4\ \Phi_{98}^4\ \Phi_{42}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
137138	1780	1779	$\frac{17}{1779}$	$\frac{266}{1779}$	$\frac{449}{1779}$	$\frac{881}{1779}$	$\Phi_{1779}\ \Phi_{593}\ \Phi_3\ \Phi_1^2$
137139	1780	99	$\frac{1}{99}$	$\frac{10}{99}$	$\frac{1}{3}$	$\frac{49}{99}$	$\Phi_{99}^{18}\ \Phi_{33}^{18}\ \Phi_{11}^{18}\ \Phi_9^{18}\ \Phi_3^{17}\ \Phi_1^{18}$
137140	1780	3344	$\frac{1}{88}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{87}{176}$	$\Phi_{3344}\ \Phi_{304}\ \Phi_{176}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_1^2$
137141	1780	528	$\frac{1}{88}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{87}{176}$	$\Phi_{528}^{10}\ \Phi_{48}^{10}\ \Phi_{33}$
137142	1780	3344	$\frac{1}{88}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{87}{176}$	$\Phi_{3344}\ \Phi_{304}\ \Phi_{176}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_1^2$
137143	1780	2640	$\frac{1}{88}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{87}{176}$	$\Phi_{2640}^2\ \Phi_{880}\ \Phi_{240}^2\ \Phi_{80}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
137144	1780	486	$\frac{1}{81}$	$\frac{41}{486}$	$\frac{1}{3}$	$\frac{40}{81}$	$\Phi_{486}^4\ \Phi_{243}^4\ \Phi_{162}^4\ \Phi_{81}^2\ \Phi_{54}^4\ \Phi_{27}^2\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
137145	1780	351	$\frac{5}{351}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{173}{351}$	$\Phi_{351}^5\ \Phi_{117}^5\ \Phi_{39}^5\ \Phi_{27}^6\ \Phi_{13}^5\ \Phi_9^6\ \Phi_3^5\ \Phi_1^6$
137146	1780	1050	$\frac{3}{175}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{86}{175}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{150}^2\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^3\ \Phi_{30}^2$ $\Phi_{21}^3\ \Phi_{15}^2\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
137147	1780	1749	$\frac{31}{1749}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{859}{1749}$	$\Phi_{1749}\ \Phi_{583}\ \Phi_{159}\ \Phi_{53}\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
137148	1780	102	$\frac{1}{51}$	$\frac{13}{102}$	$\frac{1}{6}$	$\frac{25}{51}$	$\Phi_{102}^{17}\ \Phi_{51}^{18}\ \Phi_{34}^{17}\ \Phi_{17}^{18}\ \Phi_6^{16}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
137149	1780	1218	$\frac{2}{87}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{1218}^3\ \Phi_{406}^3\ \Phi_{174}^2\ \Phi_{58}^2\ \Phi_{42}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137150	1780	864	$\frac{13}{432}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{419}{864}$	$\Phi_{864}^4\ \Phi_{288}^4\ \Phi_{96}^4\ \Phi_{32}^4\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
137151	1780	462	$\frac{1}{33}$	$\frac{17}{462}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}^4\ \Phi_{42}^4\ \Phi_{33}^2\ \Phi_{22}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{11}^2\ \Phi_7^4$ $\Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
137152	1780	840	$\frac{1}{30}$	$\frac{1}{21}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{840}^3\ \Phi_{280}^3\ \Phi_{210}^3\ \Phi_{168}^3\ \Phi_{120}^2\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{40}^2\ \Phi_{35}^3$ $\Phi_{30}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137153	1780	459	$\frac{14}{459}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{459}^4\ \Phi_{153}^4\ \Phi_{51}^4\ \Phi_{27}^2\ \Phi_{17}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
137154	1780	858	$\frac{1}{33}$	$\frac{16}{429}$	$\frac{1}{3}$	$\frac{413}{858}$	$\Phi_{858}^4\ \Phi_{286}^4\ \Phi_{78}^4\ \Phi_{66}^4\ \Phi_{33}^2\ \Phi_{26}^4\ \Phi_{22}^4\ \Phi_{11}^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
137155	1780	1701	$\frac{2}{81}$	$\frac{79}{1701}$	$\frac{1}{3}$	$\frac{811}{1701}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{243}\ \Phi_{189}\ \Phi_{81}^2\ \Phi_{63}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
137156	1780	3570	$\frac{4}{85}$	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{81}{170}$	$\Phi_{3570}\ \Phi_{1190}\ \Phi_{714}\ \Phi_{510}\ \Phi_{238}\ \Phi_{210}\ \Phi_{105}\ \Phi_{102}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{14}\ \Phi_6$
137157	1780	510	$\frac{4}{85}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{81}{170}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{102}^5\ \Phi_{85}^4\ \Phi_{51}^5\ \Phi_{34}\ \Phi_{30}^4\ \Phi_{17}^4\ \Phi_{15}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_3^4\ \Phi_1^4$
137158	1780	378	$\frac{1}{21}$	$\frac{11}{189}$	$\frac{1}{6}$	$\frac{10}{21}$	$\Phi_{378}^6\ \Phi_{189}^4\ \Phi_{126}^6\ \Phi_{63}^4\ \Phi_{54}^6\ \Phi_{42}^3\ \Phi_{27}^4\ \Phi_{21}^2\ \Phi_{18}^6\ \Phi_{14}^3\ \Phi_9^4\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137159	1780	2508	$\frac{1}{44}$	$\frac{1}{19}$	$\frac{43}{132}$	$\frac{9}{19}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{627}\ \Phi_{228}\ \Phi_{132}^2\ \Phi_{114}\ \Phi_{66}^2\ \Phi_{57}\ \Phi_{33}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
137160	1780	1748	$\frac{3}{92}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{1748}\ \Phi_{874}\ \Phi_{437}\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{19}\ \Phi_1^2$
137161	1780	2090	$\frac{1}{22}$	$\frac{1}{19}$	$\frac{21}{110}$	$\frac{9}{19}$	$\Phi_{2090}\ \Phi_{1045}\ \Phi_{190}\ \Phi_{110}^2\ \Phi_{95}\ \Phi_{55}^2\ \Phi_{19}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
137162	1780	1824	$\frac{1}{19}$	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{9}{19}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}^2\ \Phi_{57}\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
137163	1780	1881	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{9}{19}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{171}\ \Phi_{99}^2\ \Phi_{57}\ \Phi_{33}^2\ \Phi_{19}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
137164	1780	756	$\frac{1}{21}$	$\frac{1}{18}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{189}^3\ \Phi_{126}^3\ \Phi_{108}^2\ \Phi_{63}^3\ \Phi_{54}^2\ \Phi_{42}^3\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137165	1780	1683	$\frac{2}{99}$	$\frac{97}{1683}$	$\frac{1}{3}$	$\frac{793}{1683}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}\ \Phi_{99}^2\ \Phi_{51}\ \Phi_{33}^2\ \Phi_{17}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
137166	1780	1122	$\frac{9}{187}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{1122}^2\ \Phi_{561}^2\ \Phi_{374}^2\ \Phi_{102}\ \Phi_{66}^2\ \Phi_{51}\ \Phi_{34}\ \Phi_{33}^2\ \Phi_{22}^2$
137167	1780	168	$\frac{1}{21}$	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{79}{168}$	$\Phi_{168}^{20}\ \Phi_{56}^{20}\ \Phi_{42}^3\ \Phi_{24}^{20}\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_8^{20}\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137168	1780	1353	$\frac{6}{451}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1353}^2\ \Phi_{123}^2\ \Phi_{33}$
137169	1780	162	$\frac{1}{81}$	$\frac{8}{81}$	$\frac{1}{3}$	$\frac{73}{162}$	$\Phi_{162}^{20}\ \Phi_{81}^2\ \Phi_{54}^{20}\ \Phi_{27}^2\ \Phi_{18}^{20}\ \Phi_9^2\ \Phi_6^{20}\ \Phi_3\ \Phi_2^{20}\ \Phi_1^2$
137170	1780	1134	$\frac{1}{21}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{162}$	$\Phi_{1134}^3\ \Phi_{378}^3\ \Phi_{162}^2\ \Phi_{126}^3\ \Phi_{63}^3\ \Phi_{54}^2\ \Phi_{42}^3\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137171	1780	2100	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{9}{20}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{14}\ \Phi_6$
137172	1780	90	$\frac{1}{90}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{90}^{20}\ \Phi_{45}^{20}\ \Phi_{30}^{20}\ \Phi_{18}^{20}\ \Phi_{15}^{20}\ \Phi_{10}^{20}\ \Phi_9^{18}\ \Phi_6^{20}\ \Phi_5^{20}\ \Phi_3^{17}\ \Phi_2^{20}\ \Phi_1^{18}$
137173	1780	1062	$\frac{1}{59}$	$\frac{1}{9}$	$\frac{29}{118}$	$\frac{4}{9}$	$\Phi_{1062}^2\ \Phi_{531}\ \Phi_{354}^2\ \Phi_{177}\ \Phi_{118}^4\ \Phi_{59}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
137174	1780	3360	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{160}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{210}\ \Phi_{105}\ \Phi_{96}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{14}\ \Phi_6$
137175	1780	792	$\frac{1}{99}$	$\frac{49}{396}$	$\frac{1}{3}$	$\frac{347}{792}$	$\Phi_{792}^4\ \Phi_{264}^4\ \Phi_{99}^2\ \Phi_{88}^4\ \Phi_{72}^4\ \Phi_{33}^2\ \Phi_{24}^4\ \Phi_{11}^2\ \Phi_9^2\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
137176	1780	630	$\frac{1}{90}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{126}^3\ \Phi_{105}^3\ \Phi_{90}^2\ \Phi_{70}^3\ \Phi_{63}^3\ \Phi_{45}^2\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_2^2$
137177	1780	546	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{546}^4\ \Phi_{273}^4\ \Phi_{182}^4\ \Phi_{78}^4\ \Phi_{42}^3\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
137178	1780	306	$\frac{1}{51}$	$\frac{25}{153}$	$\frac{1}{6}$	$\frac{64}{153}$	$\Phi_{306}^6\ \Phi_{153}^4\ \Phi_{102}^9\ \Phi_{51}^6\ \Phi_{34}^9\ \Phi_{18}^6\ \Phi_{17}^6\ \Phi_9^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
137179	1780	672	$\frac{1}{21}$	$\frac{7}{96}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{96}^2\ \Phi_{56}^3\ \Phi_{48}^2\ \Phi_{42}^3\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137180	1780	1050	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{61}{150}$	$\Phi_{1050}^3\ \Phi_{350}^3\ \Phi_{210}^3\ \Phi_{150}^2\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{50}^2\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137181	1780	1779	$\frac{14}{1779}$	$\frac{353}{1779}$	$\frac{533}{1779}$	$\frac{713}{1779}$	$\Phi_{1779}\ \Phi_{593}\ \Phi_3\ \Phi_1^2$
137182	1780	297	$\frac{2}{297}$	$\frac{59}{297}$	$\frac{1}{3}$	$\frac{119}{297}$	$\Phi_{297}^6\ \Phi_{99}^6\ \Phi_{33}^6\ \Phi_{27}^6\ \Phi_{11}^6\ \Phi_9^6\ \Phi_3^5\ \Phi_1^6$
137183	1780	1008	$\frac{1}{21}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{55}{144}$	$\Phi_{1008}^3\ \Phi_{336}^3\ \Phi_{144}^2\ \Phi_{126}^3\ \Phi_{112}^3\ \Phi_{63}^3\ \Phi_{48}^2\ \Phi_{42}^3\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137184	1780	4296	$\frac{1}{179}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{4296}\ \Phi_{537}$
137185	1780	2840	$\frac{3}{355}$	$\frac{88}{355}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2840}\ \Phi_{568}\ \Phi_{355}\ \Phi_{71}\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
137186	1780	360	$\frac{1}{90}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^8\ \Phi_{120}^8\ \Phi_{90}^4\ \Phi_{72}^8\ \Phi_{45}^4\ \Phi_{40}^7\ \Phi_{30}^4\ \Phi_{24}^8\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_8^8\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
137187	1780	1704	$\frac{1}{71}$	$\frac{35}{213}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1704}^2\ \Phi_{568}\ \Phi_{213}^2\ \Phi_{71}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_3^2\ \Phi_1^2$
137188	1780	447	$\frac{2}{447}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{447}^4\ \Phi_{149}^4\ \Phi_3\ \Phi_1^2$
137189	1780	666	$\frac{1}{222}$	$\frac{221}{666}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{666}^4\ \Phi_{333}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
137190	1780	1344	$\frac{3}{448}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}^2\ \Phi_{336}\ \Phi_{224}^2\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}^2\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
137191	1780	1776	$\frac{1}{148}$	$\frac{147}{592}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1776}\ \Phi_{888}\ \Phi_{592}^2\ \Phi_{296}^2\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
137192	1780	111	$\frac{1}{111}$	$\frac{22}{111}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{111}^{16}\ \Phi_{37}^{16}\ \Phi_3^{17}\ \Phi_1^{18}$
137193	1780	90	$\frac{1}{90}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{90}^{20}\ \Phi_{45}^{20}\ \Phi_{30}^{20}\ \Phi_{18}^{20}\ \Phi_{15}^{20}\ \Phi_{10}^{20}\ \Phi_9^{20}\ \Phi_6^{16}\ \Phi_5^{20}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
137194	1780	1554	$\frac{1}{74}$	$\frac{73}{518}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1554}\ \Phi_{777}\ \Phi_{518}^2\ \Phi_{259}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
137195	1780	999	$\frac{2}{111}$	$\frac{109}{999}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{999}^2\ \Phi_{333}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
137196	1780	456	$\frac{11}{456}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{456}^4\ \Phi_{228}^4\ \Phi_{152}^4\ \Phi_{114}^4\ \Phi_{76}^4\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{24}^4\ \Phi_{19}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
137197	1780	1443	$\frac{1}{37}$	$\frac{36}{481}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1443}\ \Phi_{481}^2\ \Phi_{39}\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
137198	1780	1062	$\frac{2}{177}$	$\frac{1}{6}$	$\frac{175}{531}$	$\frac{1}{3}$	$\Phi_{1062}^3\ \Phi_{531}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137199	1780	1323	$\frac{8}{441}$	$\frac{1}{9}$	$\frac{433}{1323}$	$\frac{1}{3}$	$\Phi_{1323}^2\ \Phi_{189}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
137200	1780	132	$\frac{1}{44}$	$\frac{1}{11}$	$\frac{43}{132}$	$\frac{1}{3}$	$\Phi_{132}^{10}\ \Phi_{66}^{10}\ \Phi_{44}^{20}\ \Phi_{33}^{11}\ \Phi_{22}^{20}\ \Phi_{12}^{10}\ \Phi_{11}^{20}\ \Phi_6^{10}\ \Phi_4^{20}\ \Phi_3^{10}\ \Phi_2^{20}\ \Phi_1^{20}$
137201	1780	486	$\frac{2}{81}$	$\frac{41}{486}$	$\frac{79}{243}$	$\frac{1}{3}$	$\Phi_{486}^4\ \Phi_{243}^3\ \Phi_{162}^4\ \Phi_{81}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
137202	1780	648	$\frac{1}{27}$	$\frac{13}{216}$	$\frac{203}{648}$	$\frac{1}{3}$	$\Phi_{648}^4\ \Phi_{324}^4\ \Phi_{162}^4\ \Phi_{81}^4\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
137203	1780	1287	$\frac{1}{33}$	$\frac{32}{429}$	$\frac{397}{1287}$	$\frac{1}{3}$	$\Phi_{1287}^2\ \Phi_{117}^2\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
137204	1780	243	$\frac{1}{81}$	$\frac{16}{81}$	$\frac{65}{243}$	$\frac{1}{3}$	$\Phi_{243}^{10}\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
137205	1780	270	$\frac{1}{90}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{270}^9\ \Phi_{135}^9\ \Phi_{90}^2\ \Phi_{54}^9\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}^8\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137206	1780	594	$\frac{1}{99}$	$\frac{49}{198}$	$\frac{149}{594}$	$\frac{1}{3}$	$\Phi_{594}^4\ \Phi_{297}^4\ \Phi_{99}^2\ \Phi_{54}^4\ \Phi_{33}^2\ \Phi_{27}^4\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
137207	1780	3036	$\frac{3}{92}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3036}\ \Phi_{1518}\ \Phi_{759}\ \Phi_{33}$
137208	1780	354	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{29}{118}$	$\frac{1}{3}$	$\Phi_{354}^4\ \Phi_{177}^5\ \Phi_{118}^6\ \Phi_{59}^6\ \Phi_6^6\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
137209	1780	486	$\frac{1}{27}$	$\frac{41}{486}$	$\frac{13}{54}$	$\frac{1}{3}$	$\Phi_{486}^4\ \Phi_{243}^4\ \Phi_{162}^4\ \Phi_{81}^4\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
137210	1780	462	$\frac{17}{462}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}^2\ \Phi_{42}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{11}^4\ \Phi_7^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
137211	1780	567	$\frac{2}{81}$	$\frac{79}{567}$	$\frac{122}{567}$	$\frac{1}{3}$	$\Phi_{567}^3\ \Phi_{189}^3\ \Phi_{81}^4\ \Phi_{63}^3\ \Phi_{27}^4\ \Phi_{21}^3\ \Phi_9^4\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
137212	1780	99	$\frac{4}{99}$	$\frac{10}{99}$	$\frac{19}{99}$	$\frac{1}{3}$	$\Phi_{99}^{18}\ \Phi_{33}^{18}\ \Phi_{11}^{18}\ \Phi_9^{18}\ \Phi_3^{17}\ \Phi_1^{18}$
137213	1780	330	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{21}{110}$	$\frac{1}{3}$	$\Phi_{330}^{10}\ \Phi_{165}^{10}\ \Phi_{33}\ \Phi_{30}^{10}\ \Phi_{15}^{10}$
137214	1780	189	$\frac{11}{189}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{1}{3}$	$\Phi_{189}^{10}\ \Phi_{63}^{10}\ \Phi_{27}^6\ \Phi_{21}^{10}\ \Phi_9^6\ \Phi_7^{10}\ \Phi_3^5\ \Phi_1^6$
137215	1780	561	$\frac{9}{187}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{561}^5\ \Phi_{51}^5\ \Phi_{33}$
137216	1780	108	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{19}{108}$	$\frac{1}{3}$	$\Phi_{108}^{16}\ \Phi_{54}^{16}\ \Phi_{36}^{16}\ \Phi_{27}^{18}\ \Phi_{18}^{16}\ \Phi_{12}^{16}\ \Phi_9^{18}\ \Phi_6^{16}\ \Phi_4^{16}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
137217	1780	528	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{83}{528}$	$\frac{1}{3}$	$\Phi_{528}^4\ \Phi_{264}^2\ \Phi_{176}^4\ \Phi_{132}^2\ \Phi_{88}^4\ \Phi_{66}^2\ \Phi_{48}^4\ \Phi_{44}^4\ \Phi_{33}^3\ \Phi_{24}^2\ \Phi_{22}^4\ \Phi_{16}^4\ \Phi_{12}^2\ \Phi_{11}^4\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
137218	1780	1053	$\frac{25}{351}$	$\frac{2}{27}$	$\frac{163}{1053}$	$\frac{1}{3}$	$\Phi_{1053}^2\ \Phi_{351}\ \Phi_{117}\ \Phi_{81}^2\ \Phi_{39}\ \Phi_{27}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
137219	1780	189	$\frac{11}{189}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{3}$	$\Phi_{189}^{10}\ \Phi_{63}^8\ \Phi_{27}^{10}\ \Phi_{21}^8\ \Phi_9^{10}\ \Phi_7^8\ \Phi_3^9\ \Phi_1^{10}$
137220	1780	1056	$\frac{7}{96}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{264}\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2$
137221	1780	504	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{59}{504}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{72}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
137222	1780	1452	$\frac{39}{484}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{3}$	$\Phi_{1452}^2\ \Phi_{726}^2\ \Phi_{363}^2\ \Phi_{33}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
137223	1780	99	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{3}$	$\Phi_{99}^{20}\ \Phi_{33}^{11}\ \Phi_{11}^{20}\ \Phi_{9}^{20}\ \Phi_{3}^{10}\ \Phi_{1}^{20}$
137224	1780	918	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{103}{459}$	$\frac{50}{153}$	$\Phi_{918}^{3}\ \Phi_{459}^{2}\ \Phi_{102}^{3}\ \Phi_{54}^{3}\ \Phi_{51}^{2}\ \Phi_{34}^{3}\ \Phi_{27}^{2}\ \Phi_{17}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
137225	1780	2508	$\frac{1}{44}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{43}{132}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{627}\ \Phi_{228}\ \Phi_{132}^{2}\ \Phi_{114}\ \Phi_{66}^{2}\ \Phi_{57}\ \Phi_{33}^{2}\ \Phi_{19}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
137226	1780	660	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{43}{132}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{220}^{4}\ \Phi_{165}^{3}\ \Phi_{110}^{4}\ \Phi_{60}^{3}\ \Phi_{55}^{4}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{5}\ \Phi_{5}^{4}$
137227	1780	1050	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{169}{525}$	$\Phi_{1050}^{2}\ \Phi_{525}\ \Phi_{350}^{2}\ \Phi_{210}^{2}\ \Phi_{175}^{2}\ \Phi_{150}^{2}\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}^{2}\ \Phi_{50}^{2}\ \Phi_{42}^{3}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{25}^{2}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{14}^{3}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
137228	1780	510	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{1}{6}$	$\frac{77}{255}$	$\Phi_{510}^{4}\ \Phi_{255}^{2}\ \Phi_{170}^{4}\ \Phi_{102}^{5}\ \Phi_{85}^{4}\ \Phi_{51}^{3}\ \Phi_{34}^{5}\ \Phi_{30}^{4}\ \Phi_{17}^{4}\ \Phi_{15}^{2}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
137229	1780	756	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{756}^{3}\ \Phi_{378}^{3}\ \Phi_{252}^{3}\ \Phi_{126}^{3}\ \Phi_{108}^{2}\ \Phi_{84}^{3}\ \Phi_{63}^{3}\ \Phi_{54}^{2}\ \Phi_{42}^{3}\ \Phi_{36}^{2}\ \Phi_{28}^{3}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
137230	1780	126	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{126}$	$\Phi_{126}^{20}\ \Phi_{63}^{20}\ \Phi_{42}^{3}\ \Phi_{21}^{2}\ \Phi_{18}^{20}\ \Phi_{14}^{3}\ \Phi_{9}^{20}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
137231	1780	840	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{3}\ \Phi_{168}^{2}\ \Phi_{140}^{2}\ \Phi_{120}\ \Phi_{105}^{3}\ \Phi_{84}^{2}\ \Phi_{70}^{3}\ \Phi_{60}\ \Phi_{56}^{2}\ \Phi_{42}^{3}\ \Phi_{40}^{2}\ \Phi_{35}^{3}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{3}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
137232	1780	1748	$\frac{3}{92}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{1748}\ \Phi_{874}\ \Phi_{437}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{23}^{2}\ \Phi_{19}\ \Phi_{1}^{2}$
137233	1780	1380	$\frac{3}{92}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1380}^{2}\ \Phi_{690}^{2}\ \Phi_{460}\ \Phi_{345}^{2}\ \Phi_{230}\ \Phi_{115}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
137234	1780	210	$\frac{1}{21}$	$\frac{16}{105}$	$\frac{1}{6}$	$\frac{5}{21}$	$\Phi_{210}^{12}\ \Phi_{105}^{8}\ \Phi_{70}^{12}\ \Phi_{42}^{3}\ \Phi_{35}^{8}\ \Phi_{30}^{12}\ \Phi_{21}^{2}\ \Phi_{15}^{8}\ \Phi_{14}^{3}\ \Phi_{10}^{12}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{8}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
137235	1780	102	$\frac{1}{17}$	$\frac{13}{102}$	$\frac{1}{6}$	$\frac{4}{17}$	$\Phi_{102}^{17}\ \Phi_{51}^{17}\ \Phi_{34}^{17}\ \Phi_{17}^{20}\ \Phi_{6}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{20}$
137236	1780	2090	$\frac{1}{22}$	$\frac{3}{19}$	$\frac{21}{110}$	$\frac{4}{19}$	$\Phi_{2090}\ \Phi_{1045}\ \Phi_{190}\ \Phi_{110}^{2}\ \Phi_{95}\ \Phi_{55}^{2}\ \Phi_{19}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
137237	1780	1824	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}^{2}\ \Phi_{57}\ \Phi_{48}^{2}\ \Phi_{32}^{2}\ \Phi_{24}^{2}\ \Phi_{19}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
137238	1780	1881	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{171}\ \Phi_{99}^{2}\ \Phi_{57}\ \Phi_{33}^{2}\ \Phi_{19}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
137239	1780	330	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{21}{110}$	$\frac{1}{5}$	$\Phi_{330}^{6}\ \Phi_{165}^{6}\ \Phi_{110}^{3}\ \Phi_{66}^{8}\ \Phi_{55}^{3}\ \Phi_{33}^{8}\ \Phi_{30}^{7}\ \Phi_{22}^{4}\ \Phi_{15}^{7}\ \Phi_{11}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{8}\ \Phi_{5}^{3}\ \Phi_{3}^{8}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
137240	1780	480	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{480}^{5}\ \Phi_{240}^{5}\ \Phi_{160}^{5}\ \Phi_{120}^{3}\ \Phi_{80}^{5}\ \Phi_{60}^{3}\ \Phi_{40}^{4}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{5}\ \Phi_{5}^{4}$
137241	1780	990	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{990}^{3}\ \Phi_{495}^{2}\ \Phi_{330}^{2}\ \Phi_{165}\ \Phi_{110}^{2}\ \Phi_{90}^{3}\ \Phi_{55}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{3}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
137242	1780	2550	$\frac{1}{17}$	$\frac{69}{425}$	$\frac{1}{6}$	$\frac{16}{85}$	$\Phi_{2550}\ \Phi_{1275}\ \Phi_{850}\ \Phi_{150}\ \Phi_{102}\ \Phi_{75}\ \Phi_{51}\ \Phi_{50}\ \Phi_{34}$
137243	1780	2310	$\frac{29}{385}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{35}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{165}\ \Phi_{154}\ \Phi_{110}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}$
137244	1780	210	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{105}$	$\frac{1}{6}$	$\Phi_{210}^{10}\ \Phi_{105}^{6}\ \Phi_{70}^{10}\ \Phi_{42}^{11}\ \Phi_{35}^{8}\ \Phi_{30}^{10}\ \Phi_{21}^{7}\ \Phi_{15}^{6}\ \Phi_{14}^{11}\ \Phi_{10}^{10}\ \Phi_{7}^{8}\ \Phi_{6}^{10}\ \Phi_{5}^{8}\ \Phi_{3}^{6}\ \Phi_{2}^{10}\ \Phi_{1}^{8}$
137245	1781	2848	$\frac{1}{356}$	$\frac{357}{1424}$	$\frac{1067}{2848}$	$\frac{355}{712}$	$\Phi_{2848}\ \Phi_{712}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
137246	1781	3552	$\frac{5}{1776}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1771}{3552}$	$\Phi_{3552}\ \Phi_{1184}\ \Phi_{96}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
137247	1781	3540	$\frac{11}{1770}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1759}{3540}$	$\Phi_{3540}\ \Phi_{1180}\ \Phi_{708}\ \Phi_{236}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
137248	1781	2380	$\frac{4}{595}$	$\frac{1}{5}$	$\frac{599}{2380}$	$\frac{591}{1190}$	$\Phi_{2380}\ \Phi_{595}\ \Phi_{476}\ \Phi_{340}\ \Phi_{140}\ \Phi_{119}\ \Phi_{85}\ \Phi_{68}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{17}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
137249	1781	816	$\frac{1}{136}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{135}{272}$	$\Phi_{816}^{4}\ \Phi_{272}^{5}\ \Phi_{48}^{4}\ \Phi_{24}\ \Phi_{16}^{5}\ \Phi_{8}\ \Phi_{1}$
137250	1781	4080	$\frac{1}{136}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{135}{272}$	$\Phi_{4080}\ \Phi_{1360}\ \Phi_{272}\ \Phi_{240}\ \Phi_{80}\ \Phi_{16}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
137251	1781	2448	$\frac{1}{136}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{135}{272}$	$\Phi_{2448}^{2}\ \Phi_{272}\ \Phi_{144}^{2}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
137252	1781	272	$\frac{1}{136}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{135}{272}$	$\Phi_{272}^{5}\ \Phi_{136}^{8}\ \Phi_{68}^{8}\ \Phi_{34}^{8}\ \Phi_{17}^{8}\ \Phi_{16}^{6}\ \Phi_{8}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
137253	1781	3520	$\frac{21}{1760}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{1739}{3520}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{64}\ \Phi_{40}\ \Phi_{8}\ \Phi_{1}$
137254	1781	1890	$\frac{2}{135}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{133}{270}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
137255	1781	2040	$\frac{4}{255}$	$\frac{259}{2040}$	$\frac{1}{5}$	$\frac{251}{510}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
137256	1781	3500	$\frac{31}{1750}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1719}{3500}$	$\Phi_{3500}\ \Phi_{700}\ \Phi_{500}\ \Phi_{140}\ \Phi_{100}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
137257	1781	1288	$\frac{1}{46}$	$\frac{1}{14}$	$\frac{47}{184}$	$\frac{45}{92}$	$\Phi_{1288}^2\ \Phi_{322}^2\ \Phi_{184}\ \Phi_{161}^2\ \Phi_{56}^2\ \Phi_{46}\ \Phi_{23}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
137258	1781	3480	$\frac{41}{1740}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{1699}{3480}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{696}\ \Phi_{232}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
137259	1781	2400	$\frac{19}{600}$	$\frac{1}{20}$	$\frac{619}{2400}$	$\frac{581}{1200}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{200}\ \Phi_{160}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
137260	1781	1848	$\frac{5}{132}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{127}{264}$	$\Phi_{1848}^2\ \Phi_{616}^2\ \Phi_{264}\ \Phi_{168}^2\ \Phi_{88}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
137261	1781	1890	$\frac{4}{105}$	$\frac{109}{1890}$	$\frac{1}{5}$	$\frac{101}{210}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{63}\ \Phi_{54}\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
137262	1781	1870	$\frac{4}{85}$	$\frac{89}{1870}$	$\frac{1}{5}$	$\frac{81}{170}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{374}\ \Phi_{187}\ \Phi_{110}\ \Phi_{85}\ \Phi_{55}\ \Phi_{22}\ \Phi_{17}\ \Phi_{11}\ \Phi_{1}$
137263	1781	3400	$\frac{4}{85}$	$\frac{81}{1700}$	$\frac{1}{5}$	$\frac{1619}{3400}$	$\Phi_{3400}\ \Phi_{680}\ \Phi_{200}\ \Phi_{136}\ \Phi_{85}\ \Phi_{40}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
137264	1781	3400	$\frac{81}{1700}$	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{1619}{3400}$	$\Phi_{3400}\ \Phi_{680}\ \Phi_{200}\ \Phi_{136}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
137265	1781	2640	$\frac{21}{880}$	$\frac{1}{20}$	$\frac{859}{2640}$	$\frac{19}{40}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
137266	1781	1840	$\frac{59}{1840}$	$\frac{1}{20}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{368}\ \Phi_{230}\ \Phi_{184}\ \Phi_{115}\ \Phi_{92}\ \Phi_{46}\ \Phi_{40}\ \Phi_{23}\ \Phi_{8}\ \Phi_{1}$
137267	1781	2200	$\frac{21}{440}$	$\frac{1}{20}$	$\frac{419}{2200}$	$\frac{19}{40}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
137268	1781	1920	$\frac{1}{20}$	$\frac{139}{1920}$	$\frac{21}{160}$	$\frac{19}{40}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
137269	1781	2160	$\frac{1}{20}$	$\frac{19}{360}$	$\frac{379}{2160}$	$\frac{341}{720}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
137270	1781	3360	$\frac{4}{105}$	$\frac{101}{1680}$	$\frac{1}{5}$	$\frac{1579}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{105}\ \Phi_{96}\ \Phi_{35}\ \Phi_{32}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
137271	1781	3360	$\frac{1}{20}$	$\frac{101}{1680}$	$\frac{19}{120}$	$\frac{1579}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
137272	1781	408	$\frac{1}{68}$	$\frac{1}{12}$	$\frac{67}{204}$	$\frac{11}{24}$	$\Phi_{408}^8\ \Phi_{204}\ \Phi_{136}^8\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}^9\ \Phi_{12}\ \Phi_{8}^9\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
137273	1781	840	$\frac{3}{140}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{168}^4\ \Phi_{140}\ \Phi_{120}^4\ \Phi_{70}\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
137274	1781	2040	$\frac{1}{34}$	$\frac{1}{12}$	$\frac{33}{170}$	$\frac{11}{24}$	$\Phi_{2040}^2\ \Phi_{680}^2\ \Phi_{170}\ \Phi_{120}^2\ \Phi_{85}\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
137275	1781	144	$\frac{7}{144}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{144}^{13}\ \Phi_{72}^{13}\ \Phi_{48}^{13}\ \Phi_{36}^{13}\ \Phi_{24}^{10}\ \Phi_{18}^{13}\ \Phi_{16}^{13}\ \Phi_{12}^{9}\ \Phi_{9}^{13}\ \Phi_{8}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
137276	1781	1224	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{16}{153}$	$\frac{11}{24}$	$\Phi_{1224}^3\ \Phi_{408}^2\ \Phi_{153}\ \Phi_{136}^2\ \Phi_{72}^3\ \Phi_{51}\ \Phi_{24}^3\ \Phi_{9}\ \Phi_{8}^3\ \Phi_{3}\ \Phi_{1}$
137277	1781	2000	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{219}{2000}$	$\frac{181}{400}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
137278	1781	3240	$\frac{1}{20}$	$\frac{161}{1620}$	$\frac{19}{180}$	$\frac{1459}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
137279	1781	3204	$\frac{1}{89}$	$\frac{179}{1602}$	$\frac{88}{267}$	$\frac{1423}{3204}$	$\Phi_{3204}\ \Phi_{1068}\ \Phi_{356}\ \Phi_{267}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
137280	1781	3200	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{181}{1600}$	$\frac{1419}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{200}\ \Phi_{128}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
137281	1781	140	$\frac{3}{140}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{140}^{13}\ \Phi_{70}^{12}\ \Phi_{35}^{13}\ \Phi_{28}^{13}\ \Phi_{20}^{13}\ \Phi_{14}^{12}\ \Phi_{10}^{12}\ \Phi_{7}^{13}\ \Phi_{5}^{12}\ \Phi_{4}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
137282	1781	2492	$\frac{1}{89}$	$\frac{88}{623}$	$\frac{711}{2492}$	$\frac{535}{1246}$	$\Phi_{2492}\ \Phi_{623}\ \Phi_{356}\ \Phi_{28}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
137283	1781	1920	$\frac{1}{20}$	$\frac{139}{1920}$	$\frac{19}{120}$	$\frac{101}{240}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
137284	1781	3060	$\frac{4}{255}$	$\frac{251}{1530}$	$\frac{1}{5}$	$\frac{1279}{3060}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{180}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{36}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
137285	1781	1008	$\frac{7}{144}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{72}\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
137286	1781	3000	$\frac{1}{20}$	$\frac{19}{300}$	$\frac{281}{1500}$	$\frac{1219}{3000}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
137287	1781	1610	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{22}{115}$	$\frac{93}{230}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{115}\ \Phi_{70}\ \Phi_{46}\ \Phi_{35}\ \Phi_{23}\ \Phi_{14}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
137288	1781	2880	$\frac{1}{20}$	$\frac{19}{360}$	$\frac{341}{1440}$	$\frac{1099}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{360}\ \Phi_{320}\ \Phi_{192}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{64}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
137289	1781	2664	$\frac{5}{888}$	$\frac{1}{4}$	$\frac{883}{2664}$	$\frac{3}{8}$	$\Phi_{2664}\ \Phi_{1332}\ \Phi_{666}\ \Phi_{333}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
137290	1781	1792	$\frac{11}{1792}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
137291	1781	2368	$\frac{5}{592}$	$\frac{587}{2368}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2368}\ \Phi_{1184}\ \Phi_{64}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
137292	1781	1800	$\frac{19}{1800}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
137293	1781	2072	$\frac{5}{296}$	$\frac{291}{2072}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2072}\ \Phi_{1036}\ \Phi_{518}\ \Phi_{259}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
137294	1781	1824	$\frac{43}{1824}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
137295	1781	1800	$\frac{19}{1800}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
137296	1781	2136	$\frac{1}{89}$	$\frac{355}{2136}$	$\frac{88}{267}$	$\frac{179}{534}$	$\Phi_{2136}\ \Phi_{1068}\ \Phi_{712}\ \Phi_{356}\ \Phi_{267}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
137297	1781	1020	$\frac{1}{68}$	$\frac{2}{15}$	$\frac{67}{204}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{204}\ \Phi_{170}^2\ \Phi_{102}\ \Phi_{85}^2\ \Phi_{60}^2\ \Phi_{51}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}\ \Phi_{10}^2\ \Phi_{6}\ \Phi_{5}^3\ \Phi_{3}\ \Phi_{1}$
137298	1781	420	$\frac{3}{140}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^5\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^5\ \Phi_{60}^3\ \Phi_{42}^4\ \Phi_{35}^5\ \Phi_{30}^3\ \Phi_{28}^5\ \Phi_{21}^4\ \Phi_{20}^4\ \Phi_{15}^5\ \Phi_{14}^5\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{7}^5\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
137299	1781	1260	$\frac{2}{45}$	$\frac{1}{14}$	$\frac{43}{180}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}^2\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
137300	1781	1008	$\frac{7}{144}$	$\frac{1}{14}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
137301	1781	510	$\frac{1}{34}$	$\frac{2}{15}$	$\frac{33}{170}$	$\frac{1}{3}$	$\Phi_{510}^3\ \Phi_{255}^3\ \Phi_{170}^4\ \Phi_{102}^4\ \Phi_{85}^4\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{30}^3\ \Phi_{17}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
137302	1781	1134	$\frac{1}{14}$	$\frac{2}{27}$	$\frac{25}{162}$	$\frac{1}{3}$	$\Phi_{1134}^2\ \Phi_{567}^2\ \Phi_{378}\ \Phi_{189}\ \Phi_{162}\ \Phi_{126}\ \Phi_{81}\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
137303	1781	720	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{144}\ \Phi_{120}^2\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}^3\ \Phi_{12}\ \Phi_{10}^2\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}^3\ \Phi_{3}\ \Phi_{1}$
137304	1781	765	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{765}^3\ \Phi_{255}^2\ \Phi_{153}\ \Phi_{85}^2\ \Phi_{51}\ \Phi_{45}^3\ \Phi_{15}^3\ \Phi_{9}\ \Phi_{5}^3\ \Phi_{3}\ \Phi_{1}$
137305	1781	1050	$\frac{1}{14}$	$\frac{13}{150}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}\ \Phi_{175}^2\ \Phi_{150}\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}\ \Phi_{50}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
137306	1781	2403	$\frac{1}{89}$	$\frac{179}{801}$	$\frac{622}{2403}$	$\frac{88}{267}$	$\Phi_{2403}\ \Phi_{267}\ \Phi_{27}\ \Phi_{3}\ \Phi_{1}$
137307	1781	2655	$\frac{11}{885}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{874}{2655}$	$\Phi_{2655}\ \Phi_{531}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
137308	1781	612	$\frac{1}{68}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{67}{204}$	$\Phi_{612}^4\ \Phi_{306}^4\ \Phi_{204}\ \Phi_{153}^4\ \Phi_{102}\ \Phi_{51}\ \Phi_{36}^4\ \Phi_{18}^5\ \Phi_{12}\ \Phi_{9}^5\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
137309	1781	816	$\frac{1}{68}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{67}{204}$	$\Phi_{816}^4\ \Phi_{408}^4\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
137310	1781	2295	$\frac{4}{255}$	$\frac{1}{5}$	$\frac{514}{2295}$	$\frac{251}{765}$	$\Phi_{2295}\ \Phi_{459}\ \Phi_{255}\ \Phi_{135}\ \Phi_{85}\ \Phi_{51}\ \Phi_{27}\ \Phi_{17}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
137311	1781	2625	$\frac{31}{875}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{844}{2625}$	$\Phi_{2625}\ \Phi_{525}\ \Phi_{375}\ \Phi_{105}\ \Phi_{75}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
137312	1781	1386	$\frac{1}{14}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{198}$	$\Phi_{1386}^2\ \Phi_{693}^2\ \Phi_{198}\ \Phi_{126}^2\ \Phi_{99}\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
137313	1781	2550	$\frac{4}{85}$	$\frac{81}{850}$	$\frac{1}{5}$	$\frac{769}{2550}$	$\Phi_{2550}\ \Phi_{1275}\ \Phi_{510}\ \Phi_{255}\ \Phi_{150}\ \Phi_{102}\ \Phi_{85}\ \Phi_{75}\ \Phi_{51}\ \Phi_{30}\ \Phi_{17}\ \Phi_{15}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
137314	1781	2160	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{379}{2160}$	$\frac{161}{540}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
137315	1781	2520	$\frac{4}{105}$	$\frac{101}{840}$	$\frac{1}{5}$	$\frac{739}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{72}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
137316	1781	2520	$\frac{1}{20}$	$\frac{101}{840}$	$\frac{19}{120}$	$\frac{739}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
137317	1781	1260	$\frac{3}{140}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}\ \Phi_{14}\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
137318	1781	1530	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{33}{170}$	$\frac{5}{18}$	$\Phi_{1530}^2\ \Phi_{765}^2\ \Phi_{170}\ \Phi_{90}^2\ \Phi_{85}\ \Phi_{45}^2\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
137319	1781	144	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{144}^{13}\ \Phi_{72}^{11}\ \Phi_{48}^{13}\ \Phi_{36}^{11}\ \Phi_{24}^{13}\ \Phi_{18}^{12}\ \Phi_{16}^{13}\ \Phi_{12}^{13}\ \Phi_{9}^{12}\ \Phi_{8}^{12}\ \Phi_{6}^{13}\ \Phi_{4}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
137320	1781	306	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{306}^5\ \Phi_{153}^6\ \Phi_{102}^6\ \Phi_{51}^7\ \Phi_{34}^6\ \Phi_{18}^6\ \Phi_{17}^6\ \Phi_{9}^7\ \Phi_{6}^6\ \Phi_{3}^7\ \Phi_{2}^6\ \Phi_{1}^7$
137321	1781	2400	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{181}{800}$	$\frac{619}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
137322	1781	560	$\frac{3}{140}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{560}^4\ \Phi_{280}^4\ \Phi_{140}\ \Phi_{112}^4\ \Phi_{80}^4\ \Phi_{70}\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
137323	1781	1360	$\frac{1}{34}$	$\frac{3}{16}$	$\frac{33}{170}$	$\frac{1}{4}$	$\Phi_{1360}^2\ \Phi_{680}^2\ \Phi_{170}\ \Phi_{85}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
137324	1781	144	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{144}^{13}\ \Phi_{72}^{13}\ \Phi_{48}^{13}\ \Phi_{36}^{13}\ \Phi_{24}^{13}\ \Phi_{18}^{13}\ \Phi_{16}^{6}\ \Phi_{12}^{13}\ \Phi_{9}^{13}\ \Phi_{8}^{9}\ \Phi_{6}^{13}\ \Phi_{4}^{8}\ \Phi_{3}^{13}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
137325	1781	2448	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{816}\ \Phi_{408}\ \Phi_{153}\ \Phi_{144}\ \Phi_{72}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
137326	1781	2100	$\frac{4}{105}$	$\frac{319}{2100}$	$\frac{1}{5}$	$\frac{101}{420}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{105}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
137327	1781	2040	$\frac{4}{85}$	$\frac{259}{2040}$	$\frac{1}{5}$	$\frac{81}{340}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}\ \Phi_{102}\ \Phi_{85}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
137328	1781	2125	$\frac{4}{85}$	$\frac{344}{2125}$	$\frac{81}{425}$	$\frac{1}{5}$	$\Phi_{2125}\ \Phi_{125}\ \Phi_{85}\ \Phi_{17}\ \Phi_{1}$
137329	1781	1925	$\frac{144}{1925}$	$\frac{4}{35}$	$\frac{31}{175}$	$\frac{1}{5}$	$\Phi_{1925}\ \Phi_{385}\ \Phi_{275}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
137330	1781	2100	$\frac{31}{350}$	$\frac{4}{35}$	$\frac{319}{2100}$	$\frac{1}{5}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
137331	1782	2960	$\frac{1}{296}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{295}{592}$	$\Phi_{2960}\ \Phi_{592}^2\ \Phi_{80}\ \Phi_{16}^2\ \Phi_{5}\ \Phi_{1}^2$
137332	1782	1776	$\frac{1}{296}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{295}{592}$	$\Phi_{1776}^3\ \Phi_{48}^3\ \Phi_{12}\ \Phi_{6}$
137333	1782	3152	$\frac{1}{197}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{98}{197}$	$\Phi_{3152}\ \Phi_{197}\ \Phi_{16}^2\ \Phi_{1}^2$
137334	1782	788	$\frac{1}{197}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{98}{197}$	$\Phi_{788}^2\ \Phi_{394}^2\ \Phi_{197}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
137335	1782	3220	$\frac{1}{161}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{80}{161}$	$\Phi_{3220}\ \Phi_{644}\ \Phi_{460}\ \Phi_{161}\ \Phi_{140}\ \Phi_{92}\ \Phi_{28}\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
137336	1782	2415	$\frac{1}{161}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{80}{161}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{345}\ \Phi_{161}\ \Phi_{105}\ \Phi_{69}\ \Phi_{23}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{7}\ \Phi_{3}^2\ \Phi_{1}^2$
137337	1782	1180	$\frac{2}{295}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{293}{590}$	$\Phi_{1180}^2\ \Phi_{295}^2\ \Phi_{236}^2\ \Phi_{59}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
137338	1782	548	$\frac{1}{137}$	$\frac{23}{274}$	$\frac{251}{548}$	$\frac{68}{137}$	$\Phi_{548}^6\ \Phi_{137}\ \Phi_{4}^6\ \Phi_{1}^2$
137339	1782	137	$\frac{1}{137}$	$\frac{23}{137}$	$\frac{38}{137}$	$\frac{68}{137}$	$\Phi_{137}^{13}\ \Phi_{1}^{14}$
137340	1782	1096	$\frac{1}{137}$	$\frac{205}{1096}$	$\frac{69}{274}$	$\frac{68}{137}$	$\Phi_{1096}^2\ \Phi_{548}^2\ \Phi_{137}\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{1}^2$
137341	1782	1768	$\frac{7}{884}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{877}{1768}$	$\Phi_{1768}^2\ \Phi_{136}^2\ \Phi_{104}^2\ \Phi_{13}\ \Phi_{8}^2\ \Phi_{1}^2$
137342	1782	476	$\frac{1}{119}$	$\frac{20}{119}$	$\frac{1}{4}$	$\frac{59}{119}$	$\Phi_{476}^5\ \Phi_{238}^5\ \Phi_{68}^5\ \Phi_{34}^5\ \Phi_{28}^5\ \Phi_{14}^5\ \Phi_{4}^4\ \Phi_{2}^4$
137343	1782	3332	$\frac{1}{98}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{97}{196}$	$\Phi_{3332}\ \Phi_{476}\ \Phi_{196}^2\ \Phi_{68}\ \Phi_{28}^2\ \Phi_{17}\ \Phi_{4}^2\ \Phi_{1}^2$
137344	1782	2940	$\frac{1}{98}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{97}{196}$	$\Phi_{2940}^2\ \Phi_{588}\ \Phi_{420}^2\ \Phi_{84}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
137345	1782	3332	$\frac{1}{98}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{97}{196}$	$\Phi_{3332}\ \Phi_{476}\ \Phi_{196}^2\ \Phi_{68}\ \Phi_{28}^2\ \Phi_{17}\ \Phi_{4}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
137346	1782	196	$\frac{1}{98}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{97}{196}$	$\Phi_{196}^{6}\ \Phi_{98}^{12}\ \Phi_{49}^{12}\ \Phi_{28}^{7}\ \Phi_{14}^{13}\ \Phi_{7}^{12}\ \Phi_{4}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
137347	1782	340	$\frac{1}{85}$	$\frac{43}{340}$	$\frac{1}{4}$	$\frac{42}{85}$	$\Phi_{340}^{5}\ \Phi_{170}^{5}\ \Phi_{85}^{6}\ \Phi_{68}^{5}\ \Phi_{34}^{5}\ \Phi_{20}^{5}\ \Phi_{17}^{6}\ \Phi_{10}^{5}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
137348	1782	3360	$\frac{1}{80}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{79}{160}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}^{2}\ \Phi_{96}\ \Phi_{32}^{2}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
137349	1782	480	$\frac{1}{80}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{79}{160}$	$\Phi_{480}^{7}\ \Phi_{160}^{8}\ \Phi_{96}^{7}\ \Phi_{32}^{8}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
137350	1782	1120	$\frac{1}{80}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{79}{160}$	$\Phi_{1120}^{3}\ \Phi_{224}^{3}\ \Phi_{160}^{4}\ \Phi_{32}^{4}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
137351	1782	260	$\frac{1}{65}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{32}{65}$	$\Phi_{260}^{13}\ \Phi_{65}\ \Phi_{52}^{14}\ \Phi_{20}^{13}\ \Phi_{13}\ \Phi_{5}\ \Phi_{4}^{14}\ \Phi_{1}^{2}$
137352	1782	65	$\frac{1}{65}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{32}{65}$	$\Phi_{65}^{27}\ \Phi_{13}^{29}\ \Phi_{5}^{27}\ \Phi_{1}^{30}$
137353	1782	260	$\frac{1}{65}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{32}{65}$	$\Phi_{260}^{9}\ \Phi_{130}^{4}\ \Phi_{65}^{5}\ \Phi_{52}^{9}\ \Phi_{26}^{4}\ \Phi_{20}^{11}\ \Phi_{13}^{5}\ \Phi_{10}^{5}\ \Phi_{5}^{6}\ \Phi_{4}^{10}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
137354	1782	3392	$\frac{1}{53}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{26}{53}$	$\Phi_{3392}\ \Phi_{64}^{2}\ \Phi_{53}\ \Phi_{1}^{2}$
137355	1782	848	$\frac{1}{53}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{26}{53}$	$\Phi_{848}^{2}\ \Phi_{424}^{2}\ \Phi_{212}^{2}\ \Phi_{106}^{2}\ \Phi_{53}^{3}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
137356	1782	636	$\frac{1}{53}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{26}{53}$	$\Phi_{636}^{3}\ \Phi_{318}^{3}\ \Phi_{212}^{2}\ \Phi_{159}^{3}\ \Phi_{106}^{2}\ \Phi_{53}^{3}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
137357	1782	2120	$\frac{1}{53}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{26}{53}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{265}\ \Phi_{53}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
137358	1782	1196	$\frac{6}{299}$	$\frac{1}{13}$	$\frac{305}{1196}$	$\frac{293}{598}$	$\Phi_{1196}^{2}\ \Phi_{299}^{2}\ \Phi_{92}^{2}\ \Phi_{52}^{2}\ \Phi_{23}^{2}\ \Phi_{13}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
137359	1782	1781	$\frac{37}{1781}$	$\frac{101}{1781}$	$\frac{560}{1781}$	$\frac{872}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_{1}^{2}$
137360	1782	1990	$\frac{5}{199}$	$\frac{1}{10}$	$\frac{34}{199}$	$\frac{97}{199}$	$\Phi_{1990}\ \Phi_{995}\ \Phi_{398}$
137361	1782	1781	$\frac{45}{1781}$	$\frac{83}{1781}$	$\frac{566}{1781}$	$\frac{868}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_{1}^{2}$
137362	1782	1781	$\frac{49}{1781}$	$\frac{164}{1781}$	$\frac{305}{1781}$	$\frac{866}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_{1}^{2}$
137363	1782	1156	$\frac{8}{289}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{281}{578}$	$\Phi_{1156}^{2}\ \Phi_{289}^{2}\ \Phi_{68}^{3}\ \Phi_{34}\ \Phi_{17}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
137364	1782	140	$\frac{1}{35}$	$\frac{2}{35}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{140}^{17}\ \Phi_{70}^{17}\ \Phi_{28}^{17}\ \Phi_{20}^{17}\ \Phi_{14}^{17}\ \Phi_{10}^{17}\ \Phi_{4}^{16}\ \Phi_{2}^{16}$
137365	1782	1956	$\frac{5}{163}$	$\frac{1}{12}$	$\frac{28}{163}$	$\frac{79}{163}$	$\Phi_{1956}\ \Phi_{978}\ \Phi_{652}\ \Phi_{489}\ \Phi_{326}$
137366	1782	1344	$\frac{1}{32}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{1344}^{4}\ \Phi_{192}^{3}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
137367	1782	3392	$\frac{1}{32}$	$\frac{2}{53}$	$\frac{17}{53}$	$\frac{31}{64}$	$\Phi_{3392}\ \Phi_{64}^{2}\ \Phi_{53}\ \Phi_{1}^{2}$
137368	1782	1216	$\frac{1}{32}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{1216}^{3}\ \Phi_{76}\ \Phi_{38}$
137369	1782	3392	$\frac{1}{32}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{31}{64}$	$\Phi_{3392}\ \Phi_{64}^{2}\ \Phi_{53}\ \Phi_{1}^{2}$
137370	1782	2240	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{31}{64}$	$\Phi_{2240}^{2}\ \Phi_{448}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
137371	1782	1781	$\frac{61}{1781}$	$\frac{134}{1781}$	$\frac{307}{1781}$	$\frac{860}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_{1}^{2}$
137372	1782	340	$\frac{3}{85}$	$\frac{4}{85}$	$\frac{1}{4}$	$\frac{41}{85}$	$\Phi_{340}^{7}\ \Phi_{170}^{7}\ \Phi_{68}^{7}\ \Phi_{34}^{7}\ \Phi_{20}^{7}\ \Phi_{10}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
137373	1782	2652	$\frac{1}{34}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{2652}^{2}\ \Phi_{204}^{2}\ \Phi_{156}\ \Phi_{102}\ \Phi_{51}\ \Phi_{12}\ \Phi_{6}$
137374	1782	260	$\frac{2}{65}$	$\frac{1}{26}$	$\frac{21}{65}$	$\frac{25}{52}$	$\Phi_{260}^{13}\ \Phi_{65}\ \Phi_{52}^{14}\ \Phi_{20}^{13}\ \Phi_{13}\ \Phi_{5}\ \Phi_{4}^{14}\ \Phi_{1}^{2}$
137375	1782	1196	$\frac{1}{26}$	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{1196}\ \Phi_{598}^{2}\ \Phi_{299}^{2}\ \Phi_{92}^{2}\ \Phi_{46}^{3}\ \Phi_{23}^{2}$
137376	1782	1820	$\frac{1}{26}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{1820}^{2}\ \Phi_{364}^{2}\ \Phi_{260}\ \Phi_{140}^{2}\ \Phi_{52}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{20}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
137377	1782	52	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{25}{52}$	$\Phi_{52}^{66}\ \Phi_{13}^{5}\ \Phi_{4}^{66}\ \Phi_{1}^{6}$
137378	1782	1092	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{25}{52}$	$\Phi_{1092}^{2}\ \Phi_{546}^{2}\ \Phi_{364}\ \Phi_{273}^{2}\ \Phi_{182}^{2}\ \Phi_{91}^{2}\ \Phi_{84}^{3}\ \Phi_{42}^{3}\ \Phi_{28}^{2}\ \Phi_{21}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
137379	1782	190	$\frac{4}{95}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{91}{190}$	$\Phi_{190}^{18}\ \Phi_{95}\ \Phi_{38}^{18}\ \Phi_{10}^{18}\ \Phi_{2}^{18}$
137380	1782	840	$\frac{1}{40}$	$\frac{1}{21}$	$\frac{13}{40}$	$\frac{10}{21}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{140}^{2}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{40}^{4}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{3}\ \Phi_{20}^{4}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
137381	1782	84	$\frac{1}{28}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{84}^{20}\ \Phi_{42}^{20}\ \Phi_{28}^{23}\ \Phi_{21}^{21}\ \Phi_{14}^{23}\ \Phi_{12}^{20}\ \Phi_{7}^{24}\ \Phi_{6}^{20}\ \Phi_{4}^{22}\ \Phi_{3}^{21}\ \Phi_{2}^{22}\ \Phi_{1}^{24}$
137382	1782	1785	$\frac{4}{85}$	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{85}^{2}\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
137383	1782	2100	$\frac{1}{21}$	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{10}{21}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
137384	1782	672	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{10}{21}$	$\Phi_{672}^3\ \Phi_{336}^2\ \Phi_{224}^3\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{96}^3\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{32}^6\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^3\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^4\ \Phi_7^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^6$
137385	1782	1848	$\frac{1}{21}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{10}{21}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{11}^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
137386	1782	210	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{10}{21}$	$\Phi_{210}^8\ \Phi_{105}^8\ \Phi_{70}^8\ \Phi_{42}^8\ \Phi_{35}^8\ \Phi_{30}^8\ \Phi_{21}^9\ \Phi_{15}^8\ \Phi_{14}^8\ \Phi_{10}^{16}\ \Phi_7^9\ \Phi_6^8\ \Phi_5^{16}\ \Phi_3^9\ \Phi_2^{16}\ \Phi_1^{18}$
137387	1782	760	$\frac{1}{20}$	$\frac{1}{19}$	$\frac{7}{40}$	$\frac{19}{40}$	$\Phi_{760}^2\ \Phi_{380}^3\ \Phi_{190}^3\ \Phi_{152}^2\ \Phi_{95}^3\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{19}^2$
137388	1782	833	$\frac{1}{49}$	$\frac{1}{17}$	$\frac{16}{49}$	$\frac{8}{17}$	$\Phi_{833}^2\ \Phi_{119}^2\ \Phi_{49}^4\ \Phi_{17}^3\ \Phi_7^4\ \Phi_1^6$
137389	1782	68	$\frac{1}{34}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{68}^{35}\ \Phi_{34}^{17}\ \Phi_{17}^{18}\ \Phi_4^{34}\ \Phi_2^{16}\ \Phi_1^{18}$
137390	1782	595	$\frac{2}{35}$	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{8}{17}$	$\Phi_{595}^3\ \Phi_{119}^2\ \Phi_{85}^3\ \Phi_{35}^6\ \Phi_{17}^3\ \Phi_7^4\ \Phi_5^6\ \Phi_1^6$
137391	1782	1904	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{8}{17}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{272}\ \Phi_{136}\ \Phi_{112}^2\ \Phi_{68}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
137392	1782	833	$\frac{1}{17}$	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{8}{17}$	$\Phi_{833}^2\ \Phi_{119}^2\ \Phi_{49}^4\ \Phi_{17}^3\ \Phi_7^4\ \Phi_1^6$
137393	1782	1020	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{8}{17}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{204}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}^4\ \Phi_{51}\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{17}\ \Phi_{15}^4\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
137394	1782	560	$\frac{1}{35}$	$\frac{17}{280}$	$\frac{1}{4}$	$\frac{263}{560}$	$\Phi_{560}^6\ \Phi_{140}\ \Phi_{112}^6\ \Phi_{80}^6\ \Phi_{70}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}^6\ \Phi_{14}\ \Phi_{10}$
137395	1782	1781	$\frac{35}{1781}$	$\frac{109}{1781}$	$\frac{582}{1781}$	$\frac{836}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_1^2$
137396	1782	1876	$\frac{1}{28}$	$\frac{5}{67}$	$\frac{12}{67}$	$\frac{31}{67}$	$\Phi_{1876}\ \Phi_{938}\ \Phi_{469}\ \Phi_{268}\ \Phi_{134}$
137397	1782	1781	$\frac{29}{1781}$	$\frac{133}{1781}$	$\frac{584}{1781}$	$\frac{824}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_1^2$
137398	1782	442	$\frac{7}{442}$	$\frac{1}{13}$	$\frac{145}{442}$	$\frac{6}{13}$	$\Phi_{442}^4\ \Phi_{221}^4\ \Phi_{34}^4\ \Phi_{26}^4\ \Phi_{17}^4\ \Phi_{13}^5\ \Phi_2^4\ \Phi_1^6$
137399	1782	910	$\frac{19}{910}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{182}^2\ \Phi_{130}^2\ \Phi_{91}^2\ \Phi_{70}^2\ \Phi_{65}^2\ \Phi_{35}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^2$
137400	1782	1105	$\frac{7}{221}$	$\frac{1}{13}$	$\frac{214}{1105}$	$\frac{6}{13}$	$\Phi_{1105}^2\ \Phi_{85}^2\ \Phi_{65}^2\ \Phi_{13}\ \Phi_5^2\ \Phi_1^2$
137401	1782	104	$\frac{5}{104}$	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{6}{13}$	$\Phi_{104}^{18}\ \Phi_{52}^{16}\ \Phi_{26}^{16}\ \Phi_{13}^{17}\ \Phi_8^{18}\ \Phi_4^{16}\ \Phi_2^{16}\ \Phi_1^{18}$
137402	1782	850	$\frac{1}{34}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{850}^2\ \Phi_{425}^2\ \Phi_{170}^3\ \Phi_{85}^3\ \Phi_{34}^2\ \Phi_{25}^2\ \Phi_{17}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_1^2$
137403	1782	1781	$\frac{107}{1781}$	$\frac{145}{1781}$	$\frac{186}{1781}$	$\frac{818}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_1^2$
137404	1782	548	$\frac{2}{137}$	$\frac{23}{274}$	$\frac{45}{137}$	$\frac{251}{548}$	$\Phi_{548}^6\ \Phi_{137}\ \Phi_4^6\ \Phi_1^2$
137405	1782	548	$\frac{5}{137}$	$\frac{23}{274}$	$\frac{22}{137}$	$\frac{251}{548}$	$\Phi_{548}^6\ \Phi_{137}\ \Phi_4^6\ \Phi_1^2$
137406	1782	1990	$\frac{12}{199}$	$\frac{17}{199}$	$\frac{1}{10}$	$\frac{91}{199}$	$\Phi_{1990}\ \Phi_{995}\ \Phi_{398}$
137407	1782	1781	$\frac{54}{1781}$	$\frac{157}{1781}$	$\frac{323}{1781}$	$\frac{812}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_1^2$
137408	1782	2380	$\frac{12}{595}$	$\frac{53}{595}$	$\frac{1}{4}$	$\frac{271}{595}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{476}\ \Phi_{340}\ \Phi_{238}\ \Phi_{170}\ \Phi_{140}\ \Phi_{70}\ \Phi_{68}\ \Phi_{34}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
137409	1782	374	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{374}^5\ \Phi_{187}^5\ \Phi_{34}^4\ \Phi_{22}^5\ \Phi_{17}^4\ \Phi_2^4$
137410	1782	1781	$\frac{89}{1781}$	$\frac{177}{1781}$	$\frac{188}{1781}$	$\frac{802}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_1^2$
137411	1782	2460	$\frac{1}{82}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{2460}^2\ \Phi_{492}^2\ \Phi_{246}\ \Phi_{123}\ \Phi_{60}\ \Phi_{12}\ \Phi_6$
137412	1782	3220	$\frac{2}{161}$	$\frac{1}{10}$	$\frac{53}{161}$	$\frac{9}{20}$	$\Phi_{3220}\ \Phi_{644}\ \Phi_{460}\ \Phi_{161}\ \Phi_{140}\ \Phi_{92}\ \Phi_{28}\ \Phi_{23}\ \Phi_{20}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
137413	1782	220	$\frac{1}{55}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{220}^6\ \Phi_{110}^{11}\ \Phi_{55}^{10}\ \Phi_{44}^6\ \Phi_{22}^{11}\ \Phi_{20}^5\ \Phi_{11}^{10}\ \Phi_{10}^9\ \Phi_5^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^8$
137414	1782	3220	$\frac{5}{161}$	$\frac{1}{10}$	$\frac{26}{161}$	$\frac{9}{20}$	$\Phi_{3220}\ \Phi_{644}\ \Phi_{460}\ \Phi_{161}\ \Phi_{140}\ \Phi_{92}\ \Phi_{28}\ \Phi_{23}\ \Phi_{20}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
137415	1782	140	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{140}^{11}\ \Phi_{70}^{12}\ \Phi_{35}^{12}\ \Phi_{28}^{17}\ \Phi_{20}^{12}\ \Phi_{14}^{18}\ \Phi_{10}^{12}\ \Phi_7^{17}\ \Phi_5^{12}\ \Phi_4^{18}\ \Phi_2^{18}\ \Phi_1^{18}$
137416	1782	460	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{11}{92}$	$\frac{9}{20}$	$\Phi_{460}^3\ \Phi_{230}^4\ \Phi_{115}^4\ \Phi_{92}^5\ \Phi_{46}^6\ \Phi_{23}^5\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
137417	1782	3220	$\frac{8}{161}$	$\frac{1}{10}$	$\frac{17}{161}$	$\frac{9}{20}$	$\Phi_{3220}\ \Phi_{644}\ \Phi_{460}\ \Phi_{161}\ \Phi_{140}\ \Phi_{92}\ \Phi_{28}\ \Phi_{23}\ \Phi_{20}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
137418	1782	380	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{380}^9\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}^9\ \Phi_{38}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
137419	1782	1781	$\frac{109}{1781}$	$\frac{152}{1781}$	$\frac{181}{1781}$	$\frac{800}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_{1}^{2}$
137420	1782	1956	$\frac{10}{163}$	$\frac{1}{12}$	$\frac{17}{163}$	$\frac{73}{163}$	$\Phi_{1956}\ \Phi_{978}\ \Phi_{652}\ \Phi_{489}\ \Phi_{326}$
137421	1782	1990	$\frac{10}{199}$	$\frac{1}{10}$	$\frac{21}{199}$	$\frac{89}{199}$	$\Phi_{1990}\ \Phi_{995}\ \Phi_{398}$
137422	1782	1781	$\frac{44}{1781}$	$\frac{193}{1781}$	$\frac{329}{1781}$	$\frac{794}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_{1}^{2}$
137423	1782	476	$\frac{2}{119}$	$\frac{13}{119}$	$\frac{1}{4}$	$\frac{53}{119}$	$\Phi_{476}^{5}\ \Phi_{238}^{5}\ \Phi_{68}^{5}\ \Phi_{34}^{5}\ \Phi_{28}^{5}\ \Phi_{14}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
137424	1782	137	$\frac{2}{137}$	$\frac{15}{137}$	$\frac{38}{137}$	$\frac{61}{137}$	$\Phi_{137}^{13}\ \Phi_{1}^{14}$
137425	1782	1200	$\frac{1}{100}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1200}^{4}\ \Phi_{300}\ \Phi_{240}^{4}\ \Phi_{150}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}^{3}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
137426	1782	3152	$\frac{2}{197}$	$\frac{1}{8}$	$\frac{65}{197}$	$\frac{7}{16}$	$\Phi_{3152}\ \Phi_{197}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
137427	1782	1072	$\frac{1}{67}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{1072}^{3}\ \Phi_{268}\ \Phi_{134}$
137428	1782	3152	$\frac{5}{197}$	$\frac{1}{8}$	$\frac{32}{197}$	$\frac{7}{16}$	$\Phi_{3152}\ \Phi_{197}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
137429	1782	1904	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{1904}^{2}\ \Phi_{238}\ \Phi_{119}\ \Phi_{112}\ \Phi_{14}$
137430	1782	3152	$\frac{8}{197}$	$\frac{21}{197}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3152}\ \Phi_{197}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
137431	1782	1840	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1840}^{2}\ \Phi_{368}\ \Phi_{230}\ \Phi_{115}\ \Phi_{46}$
137432	1782	3152	$\frac{10}{197}$	$\frac{17}{197}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3152}\ \Phi_{197}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
137433	1782	912	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{912}^{4}\ \Phi_{304}^{3}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
137434	1782	1204	$\frac{4}{301}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1204}^{2}\ \Phi_{602}^{2}\ \Phi_{172}^{2}\ \Phi_{86}^{2}\ \Phi_{28}\ \Phi_{14}$
137435	1782	104	$\frac{5}{104}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{26}$	$\Phi_{104}^{18}\ \Phi_{52}^{18}\ \Phi_{26}^{12}\ \Phi_{13}^{17}\ \Phi_{8}^{18}\ \Phi_{4}^{18}\ \Phi_{2}^{12}\ \Phi_{1}^{18}$
137436	1782	340	$\frac{1}{85}$	$\frac{14}{85}$	$\frac{1}{4}$	$\frac{71}{170}$	$\Phi_{340}^{7}\ \Phi_{170}\ \Phi_{85}^{6}\ \Phi_{68}^{7}\ \Phi_{34}\ \Phi_{20}^{7}\ \Phi_{17}^{6}\ \Phi_{10}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{1}^{6}$
137437	1782	1495	$\frac{12}{299}$	$\frac{1}{13}$	$\frac{287}{1495}$	$\frac{604}{1495}$	$\Phi_{1495}\ \Phi_{299}^{2}\ \Phi_{115}\ \Phi_{65}\ \Phi_{23}^{2}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}^{2}$
137438	1782	740	$\frac{1}{148}$	$\frac{1}{5}$	$\frac{49}{148}$	$\frac{2}{5}$	$\Phi_{740}^{2}\ \Phi_{370}^{2}\ \Phi_{185}^{2}\ \Phi_{148}^{4}\ \Phi_{74}^{4}\ \Phi_{37}^{4}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
137439	1782	100	$\frac{1}{100}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{100}^{18}\ \Phi_{50}^{18}\ \Phi_{25}^{18}\ \Phi_{20}^{17}\ \Phi_{10}^{17}\ \Phi_{5}^{18}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
137440	1782	370	$\frac{1}{74}$	$\frac{73}{370}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{370}^{5}\ \Phi_{185}^{5}\ \Phi_{74}^{4}\ \Phi_{37}^{4}\ \Phi_{10}^{5}\ \Phi_{5}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
137441	1782	1520	$\frac{7}{304}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{304}^{2}\ \Phi_{190}\ \Phi_{152}^{2}\ \Phi_{95}\ \Phi_{80}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{16}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
137442	1782	185	$\frac{1}{37}$	$\frac{4}{37}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{185}^{8}\ \Phi_{37}^{16}\ \Phi_{5}^{9}\ \Phi_{1}^{18}$
137443	1782	170	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{170}^{11}\ \Phi_{85}^{11}\ \Phi_{34}^{10}\ \Phi_{17}^{10}\ \Phi_{10}^{5}\ \Phi_{5}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
137444	1782	740	$\frac{5}{148}$	$\frac{13}{148}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{740}^{2}\ \Phi_{370}^{2}\ \Phi_{185}^{2}\ \Phi_{148}^{4}\ \Phi_{74}^{4}\ \Phi_{37}^{4}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
137445	1782	420	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{3}\ \Phi_{105}^{4}\ \Phi_{84}^{8}\ \Phi_{70}^{3}\ \Phi_{60}^{3}\ \Phi_{42}^{8}\ \Phi_{35}^{3}\ \Phi_{30}^{3}\ \Phi_{28}^{6}\ \Phi_{21}^{8}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{10}^{2}\ \Phi_{7}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
137446	1782	2934	$\frac{1}{163}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{2934}\ \Phi_{978}\ \Phi_{489}\ \Phi_{326}$
137447	1782	1781	$\frac{11}{1781}$	$\frac{397}{1781}$	$\frac{590}{1781}$	$\frac{692}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_{1}^{2}$
137448	1782	748	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{748}^{4}\ \Phi_{374}\ \Phi_{187}\ \Phi_{68}^{4}\ \Phi_{44}^{2}\ \Phi_{22}\ \Phi_{4}^{2}$
137449	1782	299	$\frac{2}{299}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{299}^{6}\ \Phi_{23}^{6}\ \Phi_{13}^{5}\ \Phi_{1}^{6}$
137450	1782	3040	$\frac{1}{20}$	$\frac{1}{19}$	$\frac{19}{80}$	$\frac{61}{160}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}$
137451	1782	476	$\frac{1}{119}$	$\frac{59}{238}$	$\frac{1}{4}$	$\frac{179}{476}$	$\Phi_{476}^{3}\ \Phi_{238}^{5}\ \Phi_{119}^{4}\ \Phi_{68}^{3}\ \Phi_{34}^{5}\ \Phi_{28}^{3}\ \Phi_{17}^{4}\ \Phi_{14}^{5}\ \Phi_{7}^{4}\ \Phi_{4}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
137452	1782	2688	$\frac{5}{896}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
137453	1782	2608	$\frac{1}{163}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{2608}\ \Phi_{652}\ \Phi_{326}$
137454	1782	2144	$\frac{1}{67}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2144}\ \Phi_{1072}\ \Phi_{268}\ \Phi_{134}$
137455	1782	1976	$\frac{5}{104}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1976}\ \Phi_{988}\ \Phi_{494}\ \Phi_{247}\ \Phi_{76}\ \Phi_{38}$
137456	1782	1900	$\frac{1}{100}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{475}\ \Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
137457	1782	938	$\frac{1}{67}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{938}^3\ \Phi_{469}\ \Phi_{134}^3$
137458	1782	1781	$\frac{35}{1781}$	$\frac{194}{1781}$	$\frac{529}{1781}$	$\frac{626}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_1^2$
137459	1782	1781	$\frac{43}{1781}$	$\frac{158}{1781}$	$\frac{541}{1781}$	$\frac{620}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_1^2$
137460	1782	1870	$\frac{1}{34}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{374}\ \Phi_{187}\ \Phi_{170}\ \Phi_{110}\ \Phi_{85}\ \Phi_{22}\ \Phi_{10}$
137461	1782	1876	$\frac{1}{28}$	$\frac{4}{67}$	$\frac{21}{67}$	$\frac{23}{67}$	$\Phi_{1876}\ \Phi_{938}\ \Phi_{469}\ \Phi_{268}\ \Phi_{134}$
137462	1782	950	$\frac{1}{25}$	$\frac{1}{19}$	$\frac{8}{25}$	$\frac{17}{50}$	$\Phi_{950}^3\ \Phi_{475}\ \Phi_{190}^3\ \Phi_{95}\ \Phi_{38}^3$
137463	1782	1781	$\frac{62}{1781}$	$\frac{107}{1781}$	$\frac{573}{1781}$	$\frac{604}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_1^2$
137464	1782	1781	$\frac{50}{1781}$	$\frac{131}{1781}$	$\frac{577}{1781}$	$\frac{602}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_1^2$
137465	1782	1956	$\frac{4}{163}$	$\frac{1}{12}$	$\frac{53}{163}$	$\frac{55}{163}$	$\Phi_{1956}\ \Phi_{978}\ \Phi_{652}\ \Phi_{489}\ \Phi_{326}$
137466	1782	1990	$\frac{4}{199}$	$\frac{1}{10}$	$\frac{65}{199}$	$\frac{67}{199}$	$\Phi_{1990}\ \Phi_{995}\ \Phi_{398}$
137467	1782	1781	$\frac{14}{1781}$	$\frac{395}{1781}$	$\frac{589}{1781}$	$\frac{596}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_1^2$
137468	1782	2380	$\frac{4}{595}$	$\frac{1}{4}$	$\frac{197}{595}$	$\frac{199}{595}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{476}\ \Phi_{340}\ \Phi_{238}\ \Phi_{170}\ \Phi_{140}\ \Phi_{70}\ \Phi_{68}\ \Phi_{34}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
137469	1782	1338	$\frac{1}{223}$	$\frac{74}{223}$	$\frac{1}{3}$	$\frac{149}{446}$	$\Phi_{1338}^3\ \Phi_{669}\ \Phi_6^3$
137470	1782	444	$\frac{1}{148}$	$\frac{1}{4}$	$\frac{49}{148}$	$\frac{1}{3}$	$\Phi_{444}^6\ \Phi_{222}^6\ \Phi_{111}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
137471	1782	2676	$\frac{7}{892}$	$\frac{199}{892}$	$\frac{295}{892}$	$\frac{1}{3}$	$\Phi_{2676}\ \Phi_{1338}\ \Phi_{669}\ \Phi_{12}\ \Phi_6$
137472	1782	1470	$\frac{1}{49}$	$\frac{1}{10}$	$\frac{16}{49}$	$\frac{1}{3}$	$\Phi_{1470}^2\ \Phi_{735}^2\ \Phi_{294}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{42}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_6^3$
137473	1782	120	$\frac{1}{40}$	$\frac{1}{12}$	$\frac{13}{40}$	$\frac{1}{3}$	$\Phi_{120}^{14}\ \Phi_{60}^{14}\ \Phi_{40}^{16}\ \Phi_{30}^{14}\ \Phi_{24}^{14}\ \Phi_{20}^{16}\ \Phi_{15}^{14}\ \Phi_{12}^{16}\ \Phi_{10}^{16}\ \Phi_8^{16}\ \Phi_6^{16}\ \Phi_5^{16}\ \Phi_4^{18}\ \Phi_3^{15}\ \Phi_2^{18}\ \Phi_1^{18}$
137474	1782	2676	$\frac{25}{892}$	$\frac{67}{892}$	$\frac{289}{892}$	$\frac{1}{3}$	$\Phi_{2676}\ \Phi_{1338}\ \Phi_{669}\ \Phi_{12}\ \Phi_6$
137475	1782	2676	$\frac{31}{892}$	$\frac{55}{892}$	$\frac{287}{892}$	$\frac{1}{3}$	$\Phi_{2676}\ \Phi_{1338}\ \Phi_{669}\ \Phi_{12}\ \Phi_6$
137476	1782	336	$\frac{1}{28}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{336}^8\ \Phi_{168}^8\ \Phi_{84}^9\ \Phi_{48}^6\ \Phi_{42}^9\ \Phi_{24}^6\ \Phi_{21}^9\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
137477	1782	1326	$\frac{1}{34}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{1326}^2\ \Phi_{663}^2\ \Phi_{102}^3\ \Phi_{78}^2\ \Phi_{51}^3\ \Phi_6^3$
137478	1782	2676	$\frac{23}{892}$	$\frac{79}{892}$	$\frac{271}{892}$	$\frac{1}{3}$	$\Phi_{2676}\ \Phi_{1338}\ \Phi_{669}\ \Phi_{12}\ \Phi_6$
137479	1782	2676	$\frac{19}{892}$	$\frac{97}{892}$	$\frac{265}{892}$	$\frac{1}{3}$	$\Phi_{2676}\ \Phi_{1338}\ \Phi_{669}\ \Phi_{12}\ \Phi_6$
137480	1782	1230	$\frac{1}{82}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{410}^2\ \Phi_{246}^2\ \Phi_{205}^2\ \Phi_{123}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{30}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
137481	1782	300	$\frac{1}{100}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^9\ \Phi_{150}^9\ \Phi_{75}^9\ \Phi_{60}^9\ \Phi_{30}^9\ \Phi_{15}^9\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
137482	1782	3552	$\frac{3}{296}$	$\frac{293}{1184}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3552}\ \Phi_{1776}\ \Phi_{96}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
137483	1782	2220	$\frac{1}{74}$	$\frac{73}{370}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2220}^2\ \Phi_{1110}\ \Phi_{555}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
137484	1782	3108	$\frac{3}{148}$	$\frac{145}{1036}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3108}\ \Phi_{1554}\ \Phi_{777}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
137485	1782	912	$\frac{7}{304}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{912}^3\ \Phi_{456}^3\ \Phi_{228}^3\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{48}^3\ \Phi_{12}\ \Phi_6$
137486	1782	444	$\frac{1}{37}$	$\frac{4}{37}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{444}^8\ \Phi_{222}^8\ \Phi_{12}^9\ \Phi_6^9$
137487	1782	1020	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^4\ \Phi_{510}^2\ \Phi_{255}^2\ \Phi_{204}^2\ \Phi_{102}\ \Phi_{60}^2\ \Phi_{51}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
137488	1782	444	$\frac{5}{148}$	$\frac{13}{148}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{444}^6\ \Phi_{222}^6\ \Phi_{111}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
137489	1782	84	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^{21}\ \Phi_{42}^{21}\ \Phi_{28}^{24}\ \Phi_{21}^{21}\ \Phi_{14}^{24}\ \Phi_{12}^{16}\ \Phi_7^{24}\ \Phi_6^{16}\ \Phi_4^{18}\ \Phi_3^{15}\ \Phi_2^{18}\ \Phi_1^{18}$
137490	1782	1020	$\frac{4}{85}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{204}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137491	1782	300	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{19}{100}$	$\frac{1}{3}$	$\Phi_{300}^7\ \Phi_{150}^7\ \Phi_{100}^8\ \Phi_{75}^7\ \Phi_{50}^8\ \Phi_{25}^8\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137492	1782	840	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{840}^4\ \Phi_{420}^4\ \Phi_{210}^4\ \Phi_{120}^3\ \Phi_{105}^4\ \Phi_{84}\ \Phi_{60}^3\ \Phi_{42}\ \Phi_{30}^3\ \Phi_{21}\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
137493	1782	96	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{5}{32}$	$\frac{1}{3}$	$\Phi_{96}^{21}\ \Phi_{48}^{14}\ \Phi_{32}^{24}\ \Phi_{24}^{14}\ \Phi_{16}^{16}\ \Phi_{12}^{16}\ \Phi_8^{16}\ \Phi_6^{16}\ \Phi_4^{18}\ \Phi_3^{15}\ \Phi_2^{18}\ \Phi_1^{18}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
137494	1782	210	$\frac{2}{35}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{210}^{14}\ \Phi_{105}^{11}\ \Phi_{42}^{14}\ \Phi_{30}^{15}\ \Phi_{21}^{12}\ \Phi_{15}^{12}\ \Phi_{6}^{15}\ \Phi_{3}^{12}$
137495	1782	264	$\frac{7}{88}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{264}^{7}\ \Phi_{132}^{7}\ \Phi_{88}^{8}\ \Phi_{66}^{7}\ \Phi_{44}^{8}\ \Phi_{33}^{7}\ \Phi_{22}^{8}\ \Phi_{12}^{2}\ \Phi_{11}^{8}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
137496	1782	1680	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{112}$	$\frac{1}{3}$	$\Phi_{1680}^{2}\ \Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{336}\ \Phi_{240}^{2}\ \Phi_{168}\ \Phi_{120}^{2}\ \Phi_{84}\ \Phi_{60}^{2}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
137497	1782	1470	$\frac{4}{49}$	$\frac{1}{10}$	$\frac{5}{49}$	$\frac{1}{3}$	$\Phi_{1470}^{2}\ \Phi_{735}^{2}\ \Phi_{294}^{2}\ \Phi_{210}^{2}\ \Phi_{105}^{2}\ \Phi_{42}^{2}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{6}^{3}$
137498	1782	2676	$\frac{73}{892}$	$\frac{89}{892}$	$\frac{91}{892}$	$\frac{1}{3}$	$\Phi_{2676}\ \Phi_{1338}\ \Phi_{669}\ \Phi_{12}\ \Phi_{6}$
137499	1782	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{3}$	$\Phi_{60}^{32}\ \Phi_{30}^{24}\ \Phi_{20}^{32}\ \Phi_{15}^{24}\ \Phi_{12}^{34}\ \Phi_{10}^{32}\ \Phi_{6}^{26}\ \Phi_{5}^{32}\ \Phi_{4}^{34}\ \Phi_{3}^{25}\ \Phi_{2}^{34}\ \Phi_{1}^{34}$
137500	1782	788	$\frac{2}{197}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{65}{197}$	$\Phi_{788}^{2}\ \Phi_{394}^{2}\ \Phi_{197}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
137501	1782	1781	$\frac{20}{1781}$	$\frac{398}{1781}$	$\frac{461}{1781}$	$\frac{587}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_{1}^{2}$
137502	1782	340	$\frac{1}{85}$	$\frac{19}{85}$	$\frac{1}{4}$	$\frac{28}{85}$	$\Phi_{340}^{7}\ \Phi_{170}^{7}\ \Phi_{68}^{7}\ \Phi_{34}^{7}\ \Phi_{20}^{7}\ \Phi_{10}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
137503	1782	2415	$\frac{2}{161}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{53}{161}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{345}\ \Phi_{161}\ \Phi_{105}\ \Phi_{69}\ \Phi_{23}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{7}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
137504	1782	1180	$\frac{4}{295}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{97}{295}$	$\Phi_{1180}^{2}\ \Phi_{590}^{2}\ \Phi_{236}^{2}\ \Phi_{118}^{2}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
137505	1782	137	$\frac{2}{137}$	$\frac{23}{137}$	$\frac{38}{137}$	$\frac{45}{137}$	$\Phi_{137}^{13}\ \Phi_{1}^{14}$
137506	1782	833	$\frac{1}{49}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{16}{49}$	$\Phi_{833}^{2}\ \Phi_{119}^{2}\ \Phi_{49}^{4}\ \Phi_{17}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
137507	1782	196	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{16}{49}$	$\Phi_{196}^{12}\ \Phi_{98}^{12}\ \Phi_{28}^{13}\ \Phi_{14}^{13}\ \Phi_{4}^{12}\ \Phi_{2}^{12}$
137508	1782	1781	$\frac{38}{1781}$	$\frac{200}{1781}$	$\frac{527}{1781}$	$\frac{581}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_{1}^{2}$
137509	1782	2086	$\frac{7}{298}$	$\frac{1}{7}$	$\frac{67}{298}$	$\frac{97}{298}$	$\Phi_{2086}\ \Phi_{1043}\ \Phi_{14}$
137510	1782	280	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{13}{40}$	$\Phi_{280}^{6}\ \Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{56}^{6}\ \Phi_{40}^{8}\ \Phi_{35}^{6}\ \Phi_{28}^{6}\ \Phi_{20}^{8}\ \Phi_{14}^{8}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{7}^{7}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
137511	1782	1781	$\frac{47}{1781}$	$\frac{230}{1781}$	$\frac{401}{1781}$	$\frac{578}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_{1}^{2}$
137512	1782	2380	$\frac{16}{595}$	$\frac{67}{595}$	$\frac{1}{4}$	$\frac{193}{595}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{476}\ \Phi_{340}\ \Phi_{238}\ \Phi_{170}\ \Phi_{140}\ \Phi_{70}\ \Phi_{68}\ \Phi_{34}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
137513	1782	65	$\frac{2}{65}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{21}{65}$	$\Phi_{65}^{27}\ \Phi_{13}^{29}\ \Phi_{5}^{27}\ \Phi_{1}^{30}$
137514	1782	260	$\frac{2}{65}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{21}{65}$	$\Phi_{260}^{9}\ \Phi_{130}^{4}\ \Phi_{65}^{5}\ \Phi_{52}^{9}\ \Phi_{26}^{4}\ \Phi_{20}^{11}\ \Phi_{13}^{5}\ \Phi_{10}^{5}\ \Phi_{5}^{6}\ \Phi_{4}^{10}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
137515	1782	1781	$\frac{56}{1781}$	$\frac{134}{1781}$	$\frac{549}{1781}$	$\frac{575}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_{1}^{2}$
137516	1782	1990	$\frac{7}{199}$	$\frac{1}{10}$	$\frac{45}{199}$	$\frac{64}{199}$	$\Phi_{1990}\ \Phi_{995}\ \Phi_{398}$
137517	1782	848	$\frac{2}{53}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{17}{53}$	$\Phi_{848}^{2}\ \Phi_{424}^{2}\ \Phi_{212}^{2}\ \Phi_{106}^{2}\ \Phi_{53}^{3}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
137518	1782	636	$\frac{2}{53}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{17}{53}$	$\Phi_{636}^{3}\ \Phi_{318}^{3}\ \Phi_{212}^{2}\ \Phi_{159}^{3}\ \Phi_{106}^{2}\ \Phi_{53}^{3}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
137519	1782	2120	$\frac{2}{53}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{17}{53}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{265}\ \Phi_{53}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
137520	1782	1781	$\frac{68}{1781}$	$\frac{110}{1781}$	$\frac{557}{1781}$	$\frac{571}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_{1}^{2}$
137521	1782	1781	$\frac{74}{1781}$	$\frac{153}{1781}$	$\frac{404}{1781}$	$\frac{569}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_{1}^{2}$
137522	1782	476	$\frac{5}{119}$	$\frac{9}{119}$	$\frac{1}{4}$	$\frac{38}{119}$	$\Phi_{476}^{5}\ \Phi_{238}^{5}\ \Phi_{68}^{5}\ \Phi_{34}^{5}\ \Phi_{28}^{5}\ \Phi_{14}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
137523	1782	1956	$\frac{7}{163}$	$\frac{1}{12}$	$\frac{37}{163}$	$\frac{52}{163}$	$\Phi_{1956}\ \Phi_{978}\ \Phi_{652}\ \Phi_{489}\ \Phi_{326}$
137524	1782	1781	$\frac{92}{1781}$	$\frac{125}{1781}$	$\frac{406}{1781}$	$\frac{563}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_{1}^{2}$
137525	1782	2380	$\frac{31}{595}$	$\frac{37}{595}$	$\frac{1}{4}$	$\frac{188}{595}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{476}\ \Phi_{340}\ \Phi_{238}\ \Phi_{170}\ \Phi_{140}\ \Phi_{70}\ \Phi_{68}\ \Phi_{34}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
137526	1782	1156	$\frac{16}{289}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{91}{289}$	$\Phi_{1156}^{2}\ \Phi_{578}^{2}\ \Phi_{68}^{3}\ \Phi_{34}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
137527	1782	304	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{304}^{6}\ \Phi_{152}^{6}\ \Phi_{76}^{7}\ \Phi_{38}^{7}\ \Phi_{19}^{6}$
137528	1782	848	$\frac{1}{16}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{5}{16}$	$\Phi_{848}^{2}\ \Phi_{424}^{2}\ \Phi_{212}^{2}\ \Phi_{106}^{2}\ \Phi_{53}^{3}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
137529	1782	560	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{5}{16}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{140}^{4}\ \Phi_{112}^{2}\ \Phi_{70}^{5}\ \Phi_{56}^{2}\ \Phi_{35}^{5}\ \Phi_{28}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
137530	1782	1900	$\frac{1}{19}$	$\frac{7}{100}$	$\frac{23}{100}$	$\frac{31}{100}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{475}\ \Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
137531	1782	1196	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{1196}^{2}\ \Phi_{598}^{2}\ \Phi_{92}^{3}\ \Phi_{46}^{3}$
137532	1782	130	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{31}{130}$	$\frac{4}{13}$	$\Phi_{130}^{18}\ \Phi_{65}^{9}\ \Phi_{26}^{18}\ \Phi_{13}^{11}\ \Phi_{10}^{18}\ \Phi_{5}^{9}\ \Phi_{2}^{18}\ \Phi_{1}^{12}$
137533	1782	104	$\frac{5}{104}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{104}^{18}\ \Phi_{52}^{18}\ \Phi_{26}^{18}\ \Phi_{13}^{11}\ \Phi_{8}^{18}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{12}$
137534	1782	455	$\frac{2}{35}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{455}^{4}\ \Phi_{91}^{4}\ \Phi_{65}^{2}\ \Phi_{35}^{6}\ \Phi_{13}^{4}\ \Phi_{7}^{6}\ \Phi_{5}^{3}\ \Phi_{1}^{6}$
137535	1782	13	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{4}{13}$	$\Phi_{13}^{137}\ \Phi_{1}^{138}$
137536	1782	1092	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{4}{13}$	$\Phi_{1092}^{2}\ \Phi_{546}^{2}\ \Phi_{364}^{2}\ \Phi_{273}^{2}\ \Phi_{182}^{2}\ \Phi_{84}^{3}\ \Phi_{42}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{14}^{3}$
137537	1782	325	$\frac{1}{13}$	$\frac{28}{325}$	$\frac{9}{65}$	$\frac{4}{13}$	$\Phi_{325}^{6}\ \Phi_{65}^{3}\ \Phi_{25}^{6}\ \Phi_{13}^{5}\ \Phi_{5}^{3}\ \Phi_{1}^{6}$
137538	1782	1990	$\frac{16}{199}$	$\frac{1}{10}$	$\frac{23}{199}$	$\frac{61}{199}$	$\Phi_{1990}\ \Phi_{995}\ \Phi_{398}$
137539	1782	1781	$\frac{146}{1781}$	$\frac{175}{1781}$	$\frac{206}{1781}$	$\frac{545}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_{1}^{2}$
137540	1782	2086	$\frac{23}{298}$	$\frac{25}{298}$	$\frac{1}{7}$	$\frac{91}{298}$	$\Phi_{2086}\ \Phi_{1043}\ \Phi_{14}$
137541	1782	1886	$\frac{1}{23}$	$\frac{7}{82}$	$\frac{19}{82}$	$\frac{25}{82}$	$\Phi_{1886}\ \Phi_{943}\ \Phi_{46}$
137542	1782	1781	$\frac{76}{1781}$	$\frac{155}{1781}$	$\frac{413}{1781}$	$\frac{542}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_{1}^{2}$
137543	1782	2380	$\frac{23}{595}$	$\frac{52}{595}$	$\frac{1}{4}$	$\frac{181}{595}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{476}\ \Phi_{340}\ \Phi_{238}\ \Phi_{170}\ \Phi_{140}\ \Phi_{70}\ \Phi_{68}\ \Phi_{34}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
137544	1782	1781	$\frac{113}{1781}$	$\frac{167}{1781}$	$\frac{278}{1781}$	$\frac{538}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_{1}^{2}$
137545	1782	1956	$\frac{1}{12}$	$\frac{16}{163}$	$\frac{19}{163}$	$\frac{49}{163}$	$\Phi_{1956}\ \Phi_{978}\ \Phi_{652}\ \Phi_{489}\ \Phi_{326}$
137546	1782	760	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{760}^{3}\ \Phi_{380}^{3}\ \Phi_{190}\ \Phi_{152}^{3}\ \Phi_{95}\ \Phi_{76}^{3}\ \Phi_{38}$
137547	1782	137	$\frac{11}{137}$	$\frac{14}{137}$	$\frac{16}{137}$	$\frac{41}{137}$	$\Phi_{137}^{13}\ \Phi_{1}^{14}$
137548	1782	2086	$\frac{19}{298}$	$\frac{31}{298}$	$\frac{1}{7}$	$\frac{89}{298}$	$\Phi_{2086}\ \Phi_{1043}\ \Phi_{14}$
137549	1782	1781	$\frac{62}{1781}$	$\frac{191}{1781}$	$\frac{417}{1781}$	$\frac{530}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_{1}^{2}$
137550	1782	2380	$\frac{19}{595}$	$\frac{64}{595}$	$\frac{1}{4}$	$\frac{177}{595}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{476}\ \Phi_{340}\ \Phi_{238}\ \Phi_{170}\ \Phi_{140}\ \Phi_{70}\ \Phi_{68}\ \Phi_{34}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
137551	1782	68	$\frac{1}{34}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{68}^{35}\ \Phi_{34}^{17}\ \Phi_{17}^{18}\ \Phi_{4}^{34}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
137552	1782	595	$\frac{2}{35}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{5}{17}$	$\Phi_{595}^{3}\ \Phi_{119}^{2}\ \Phi_{85}^{3}\ \Phi_{35}^{6}\ \Phi_{17}^{3}\ \Phi_{7}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
137553	1782	1904	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{272}\ \Phi_{136}\ \Phi_{112}^{2}\ \Phi_{68}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
137554	1782	833	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{833}^{2}\ \Phi_{119}^{2}\ \Phi_{49}^{4}\ \Phi_{17}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
137555	1782	1020	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{340}^{2}\ \Phi_{255}^{2}\ \Phi_{204}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}^{4}\ \Phi_{51}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{17}\ \Phi_{15}^{4}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
137556	1782	140	$\frac{1}{35}$	$\frac{17}{140}$	$\frac{1}{4}$	$\frac{41}{140}$	$\Phi_{140}^{13}\ \Phi_{70}^{13}\ \Phi_{35}^{12}\ \Phi_{28}^{13}\ \Phi_{20}^{13}\ \Phi_{14}^{13}\ \Phi_{10}^{13}\ \Phi_{7}^{12}\ \Phi_{5}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
137557	1782	1870	$\frac{1}{34}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{374}\ \Phi_{187}\ \Phi_{170}\ \Phi_{110}\ \Phi_{85}\ \Phi_{22}\ \Phi_{10}$
137558	1782	812	$\frac{5}{203}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{812}^{3}\ \Phi_{406}^{3}\ \Phi_{116}^{3}\ \Phi_{58}^{3}\ \Phi_{28}\ \Phi_{14}$
137559	1782	1781	$\frac{116}{1781}$	$\frac{185}{1781}$	$\frac{266}{1781}$	$\frac{505}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_{1}^{2}$
137560	1782	1781	$\frac{142}{1781}$	$\frac{149}{1781}$	$\frac{272}{1781}$	$\frac{503}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_{1}^{2}$
137561	1782	1956	$\frac{13}{163}$	$\frac{1}{12}$	$\frac{25}{163}$	$\frac{46}{163}$	$\Phi_{1956}\ \Phi_{978}\ \Phi_{652}\ \Phi_{489}\ \Phi_{326}$
137562	1782	1990	$\frac{13}{199}$	$\frac{1}{10}$	$\frac{31}{199}$	$\frac{56}{199}$	$\Phi_{1990}\ \Phi_{995}\ \Phi_{398}$
137563	1782	850	$\frac{1}{34}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{850}^{2}\ \Phi_{425}^{2}\ \Phi_{170}^{3}\ \Phi_{85}^{3}\ \Phi_{50}^{2}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{10}^{3}\ \Phi_{2}^{2}$
137564	1782	1781	$\frac{41}{1781}$	$\frac{290}{1781}$	$\frac{428}{1781}$	$\frac{497}{1781}$	$\Phi_{1781}\ \Phi_{137}\ \Phi_{13}\ \Phi_{1}^{2}$
137565	1782	2380	$\frac{13}{595}$	$\frac{97}{595}$	$\frac{1}{4}$	$\frac{166}{595}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{476}\ \Phi_{340}\ \Phi_{238}\ \Phi_{170}\ \Phi_{140}\ \Phi_{70}\ \Phi_{68}\ \Phi_{34}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
137566	1782	137	$\frac{5}{137}$	$\frac{22}{137}$	$\frac{23}{137}$	$\frac{38}{137}$	$\Phi_{137}^{13}\ \Phi_{1}^{14}$
137567	1782	660	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{660}^{5}\ \Phi_{330}^{5}\ \Phi_{220}\ \Phi_{132}^{5}\ \Phi_{110}\ \Phi_{66}^{5}\ \Phi_{60}^{4}\ \Phi_{44}\ \Phi_{30}^{4}\ \Phi_{22}\ \Phi_{20}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{6}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
137568	1782	2415	$\frac{5}{161}$	$\frac{26}{161}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{345}\ \Phi_{161}\ \Phi_{105}\ \Phi_{69}\ \Phi_{23}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
137569	1782	420	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{420}^6\ \Phi_{210}^6\ \Phi_{105}^5\ \Phi_{84}^6\ \Phi_{60}^6\ \Phi_{42}^6\ \Phi_{30}^6\ \Phi_{28}^6\ \Phi_{21}^5\ \Phi_{15}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_7^5\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
137570	1782	1380	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1380}^2\ \Phi_{690}^2\ \Phi_{345}\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{60}^2\ \Phi_{46}^2\ \Phi_{30}^2\ \Phi_{23}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
137571	1782	2415	$\frac{8}{161}$	$\frac{17}{161}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{345}\ \Phi_{161}\ \Phi_{105}\ \Phi_{69}\ \Phi_{23}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
137572	1782	570	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{570}^5\ \Phi_{285}^4\ \Phi_{190}\ \Phi_{114}^5\ \Phi_{95}\ \Phi_{57}^4\ \Phi_{38}$
137573	1782	268	$\frac{1}{67}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{268}^7\ \Phi_{134}^7\ \Phi_{67}^6$
137574	1782	788	$\frac{5}{197}$	$\frac{32}{197}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{788}^2\ \Phi_{394}^2\ \Phi_{197}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
137575	1782	476	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{476}^4\ \Phi_{238}^5\ \Phi_{119}^5\ \Phi_{28}^2\ \Phi_{14}^3\ \Phi_7^2$
137576	1782	788	$\frac{8}{197}$	$\frac{21}{197}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{788}^2\ \Phi_{394}^2\ \Phi_{197}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
137577	1782	460	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{460}^4\ \Phi_{230}^5\ \Phi_{115}^5\ \Phi_{92}^2\ \Phi_{46}^3\ \Phi_{23}^2$
137578	1782	788	$\frac{10}{197}$	$\frac{17}{197}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{788}^2\ \Phi_{394}^2\ \Phi_{197}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
137579	1782	228	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{228}^9\ \Phi_{114}^9\ \Phi_{76}^7\ \Phi_{57}^9\ \Phi_{38}^7\ \Phi_{19}^6$
137580	1782	700	$\frac{1}{35}$	$\frac{53}{350}$	$\frac{17}{70}$	$\frac{1}{4}$	$\Phi_{700}^4\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{140}\ \Phi_{100}^4\ \Phi_{70}\ \Phi_{50}^2\ \Phi_{28}\ \Phi_{25}^2\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
137581	1782	392	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{95}{392}$	$\frac{1}{4}$	$\Phi_{392}^6\ \Phi_{196}^2\ \Phi_{98}^4\ \Phi_{56}^6\ \Phi_{49}^4\ \Phi_{28}^3\ \Phi_{14}^5\ \Phi_8^6\ \Phi_7^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
137582	1782	2432	$\frac{1}{19}$	$\frac{3}{32}$	$\frac{29}{128}$	$\frac{1}{4}$	$\Phi_{2432}\ \Phi_{1216}\ \Phi_{76}\ \Phi_{38}$
137583	1782	340	$\frac{4}{85}$	$\frac{9}{85}$	$\frac{19}{85}$	$\frac{1}{4}$	$\Phi_{340}^7\ \Phi_{170}^7\ \Phi_{68}^7\ \Phi_{34}^7\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_4^6\ \Phi_2^6$
137584	1782	28	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{28}^{63}\ \Phi_{14}^{65}\ \Phi_7^{64}\ \Phi_4^{62}\ \Phi_2^{64}\ \Phi_1^{64}$
137585	1782	140	$\frac{2}{35}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^{18}\ \Phi_{70}^8\ \Phi_{35}^{10}\ \Phi_{28}^{18}\ \Phi_{20}^{11}\ \Phi_{14}^8\ \Phi_{10}^5\ \Phi_7^{10}\ \Phi_5^6\ \Phi_4^{10}\ \Phi_2^4\ \Phi_1^6$
137586	1782	980	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{47}{245}$	$\frac{1}{4}$	$\Phi_{980}^3\ \Phi_{490}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{28}\ \Phi_{20}^3\ \Phi_{14}\ \Phi_{10}^3$
137587	1782	2128	$\frac{1}{19}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{133}\ \Phi_{76}\ \Phi_{38}$
137588	1782	760	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{760}^3\ \Phi_{380}^3\ \Phi_{190}^3\ \Phi_{95}^3\ \Phi_{76}\ \Phi_{38}$
137589	1782	260	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{2}{13}$	$\frac{1}{4}$	$\Phi_{260}^{10}\ \Phi_{130}^5\ \Phi_{65}^5\ \Phi_{52}^5\ \Phi_{20}^{12}\ \Phi_{13}^5\ \Phi_{10}^6\ \Phi_5^6\ \Phi_4^6\ \Phi_1^6$
137590	1782	340	$\frac{7}{85}$	$\frac{8}{85}$	$\frac{13}{85}$	$\frac{1}{4}$	$\Phi_{340}^7\ \Phi_{170}^7\ \Phi_{68}^7\ \Phi_{34}^7\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_4^6\ \Phi_2^6$
137591	1782	636	$\frac{1}{12}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{4}$	$\Phi_{636}^3\ \Phi_{318}^3\ \Phi_{212}^2\ \Phi_{159}^3\ \Phi_{106}^2\ \Phi_{53}^3\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
137592	1782	2380	$\frac{46}{595}$	$\frac{61}{595}$	$\frac{89}{595}$	$\frac{1}{4}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{476}\ \Phi_{340}\ \Phi_{238}\ \Phi_{170}\ \Phi_{140}\ \Phi_{70}\ \Phi_{68}\ \Phi_{34}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
137593	1782	140	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{140}^{18}\ \Phi_{70}^{18}\ \Phi_{28}^{13}\ \Phi_{20}^{18}\ \Phi_{14}^{13}\ \Phi_{10}^{18}\ \Phi_4^{12}\ \Phi_2^{12}$
137594	1782	1372	$\frac{3}{49}$	$\frac{46}{343}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{1372}^2\ \Phi_{686}^2\ \Phi_{28}\ \Phi_{14}$
137595	1782	2548	$\frac{43}{637}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2548}\ \Phi_{1274}\ \Phi_{364}\ \Phi_{182}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$
137596	1782	112	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{112}^{18}\ \Phi_{56}^{18}\ \Phi_{28}^7\ \Phi_{16}^{18}\ \Phi_{14}^{13}\ \Phi_8^{18}\ \Phi_7^{12}\ \Phi_4^6\ \Phi_2^{12}\ \Phi_1^{12}$
137597	1782	196	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{196}^{12}\ \Phi_{98}^{12}\ \Phi_{28}^{13}\ \Phi_{14}^{13}\ \Phi_4^{12}\ \Phi_2^{12}$
137598	1782	420	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{420}^6\ \Phi_{210}^6\ \Phi_{140}^4\ \Phi_{105}^6\ \Phi_{84}^3\ \Phi_{70}^5\ \Phi_{42}^3\ \Phi_{35}^5\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_7^2$
137599	1782	91	$\frac{1}{13}$	$\frac{10}{91}$	$\frac{2}{13}$	$\frac{3}{13}$	$\Phi_{91}^{22}\ \Phi_{13}^5\ \Phi_7^{22}\ \Phi_1^6$
137600	1782	104	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{2}{13}$	$\frac{23}{104}$	$\Phi_{104}^{22}\ \Phi_{52}^{22}\ \Phi_{13}^5\ \Phi_8^{22}\ \Phi_4^{22}\ \Phi_1^6$
137601	1782	1190	$\frac{4}{85}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{1190}^2\ \Phi_{595}\ \Phi_{238}^2\ \Phi_{170}^2\ \Phi_{119}\ \Phi_{85}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
137602	1782	700	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{19}{100}$	$\frac{3}{14}$	$\Phi_{700}^3\ \Phi_{350}^3\ \Phi_{175}^3\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
137603	1782	224	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{5}{32}$	$\frac{3}{14}$	$\Phi_{224}^9\ \Phi_{112}^6\ \Phi_{56}^6\ \Phi_{32}^{12}\ \Phi_{28}^6\ \Phi_{16}^8\ \Phi_{14}^8\ \Phi_8^8\ \Phi_7^7\ \Phi_4^8\ \Phi_2^{10}\ \Phi_1^{10}$
137604	1782	616	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{616}^3\ \Phi_{308}^3\ \Phi_{154}^3\ \Phi_{88}^4\ \Phi_{77}^3\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{14}^2\ \Phi_{11}^4\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
137605	1782	70	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{70}^{24}\ \Phi_{35}^{24}\ \Phi_{14}^{26}\ \Phi_{10}^{32}\ \Phi_7^{25}\ \Phi_5^{32}\ \Phi_2^{34}\ \Phi_1^{34}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
137606	1782	2120	$\frac{5}{53}$	$\frac{1}{8}$	$\frac{8}{53}$	$\frac{7}{40}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{265}\ \Phi_{53}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
137607	1782	280	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{40}$	$\Phi_{280}^7\ \Phi_{140}^7\ \Phi_{70}^8\ \Phi_{56}^8\ \Phi_{35}^8\ \Phi_{28}^8\ \Phi_{14}^9\ \Phi_7^8$
137608	1783	3552	$\frac{7}{1776}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1769}{3552}$	$\Phi_{3552}\ \Phi_{1184}\ \Phi_{96}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$
137609	1783	3168	$\frac{1}{198}$	$\frac{199}{1584}$	$\frac{1385}{3168}$	$\frac{197}{396}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{396}\ \Phi_{352}\ \Phi_{288}\ \Phi_{132}\ \Phi_{96}\ \Phi_{44}\ \Phi_{36}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$
137610	1783	2376	$\frac{1}{198}$	$\frac{593}{2376}$	$\frac{199}{792}$	$\frac{197}{396}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{216}\ \Phi_{132}\ \Phi_{108}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
137611	1783	2142	$\frac{2}{357}$	$\frac{359}{2142}$	$\frac{1}{3}$	$\frac{355}{714}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{357}\ \Phi_{306}\ \Phi_{153}\ \Phi_{126}\ \Phi_{119}\ \Phi_{63}\ \Phi_{51}\ \Phi_{21}\ \Phi_{18}\ \Phi_{17}\ \Phi_9\ \Phi_7\ \Phi_1$
137612	1783	3240	$\frac{1}{162}$	$\frac{163}{1620}$	$\frac{1457}{3240}$	$\frac{161}{324}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{324}\ \Phi_{216}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
137613	1783	3540	$\frac{13}{1770}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1757}{3540}$	$\Phi_{3540}\ \Phi_{1180}\ \Phi_{708}\ \Phi_{236}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
137614	1783	2040	$\frac{2}{255}$	$\frac{257}{2040}$	$\frac{1}{3}$	$\frac{253}{510}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
137615	1783	3528	$\frac{19}{1764}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{1745}{3528}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{392}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
137616	1783	3528	$\frac{19}{1764}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1745}{3528}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{392}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$
137617	1783	3520	$\frac{23}{1760}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{1737}{3520}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{64}\ \Phi_{44}\ \Phi_4\ \Phi_1$
137618	1783	3432	$\frac{1}{66}$	$\frac{67}{1716}$	$\frac{1649}{3432}$	$\frac{65}{132}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{264}\ \Phi_{132}\ \Phi_{104}\ \Phi_{88}\ \Phi_{44}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
137619	1783	3456	$\frac{1}{54}$	$\frac{55}{1728}$	$\frac{1673}{3456}$	$\frac{53}{108}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{108}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
137620	1783	2592	$\frac{1}{54}$	$\frac{55}{864}$	$\frac{809}{2592}$	$\frac{53}{108}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
137621	1783	1944	$\frac{1}{54}$	$\frac{161}{1944}$	$\frac{55}{216}$	$\frac{53}{108}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
137622	1783	2160	$\frac{1}{54}$	$\frac{55}{432}$	$\frac{377}{2160}$	$\frac{53}{108}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
137623	1783	1890	$\frac{2}{105}$	$\frac{107}{1890}$	$\frac{1}{3}$	$\frac{103}{210}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{63}\ \Phi_{54}\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_1$
137624	1783	3468	$\frac{49}{1734}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{1685}{3468}$	$\Phi_{3468}\ \Phi_{1156}\ \Phi_{204}\ \Phi_{68}\ \Phi_{51}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
137625	1783	3456	$\frac{55}{1728}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{1673}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
137626	1783	1836	$\frac{53}{1836}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{108}\ \Phi_{68}\ \Phi_{54}\ \Phi_{51}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{17}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
137627	1783	3420	$\frac{73}{1710}$	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{1637}{3420}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{228}\ \Phi_{180}\ \Phi_{90}\ \Phi_{76}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
137628	1783	2640	$\frac{23}{880}$	$\frac{1}{22}$	$\frac{857}{2640}$	$\frac{21}{44}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
137629	1783	1848	$\frac{65}{1848}$	$\frac{1}{22}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{56}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
137630	1783	2200	$\frac{1}{22}$	$\frac{23}{440}$	$\frac{417}{2200}$	$\frac{21}{44}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{44}\ \Phi_{25}\ \Phi_4\ \Phi_1$
137631	1783	2112	$\frac{1}{22}$	$\frac{23}{352}$	$\frac{329}{2112}$	$\frac{21}{44}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{64}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
137632	1783	1936	$\frac{1}{22}$	$\frac{153}{1936}$	$\frac{23}{176}$	$\frac{21}{44}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{121}\ \Phi_{44}\ \Phi_4\ \Phi_1$
137633	1783	1980	$\frac{1}{22}$	$\frac{197}{1980}$	$\frac{23}{220}$	$\frac{21}{44}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{60}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
137634	1783	2160	$\frac{17}{360}$	$\frac{1}{18}$	$\frac{377}{2160}$	$\frac{343}{720}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
137635	1783	2016	$\frac{1}{18}$	$\frac{19}{252}$	$\frac{233}{2016}$	$\frac{17}{36}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
137636	1783	3360	$\frac{2}{105}$	$\frac{103}{1680}$	$\frac{1}{3}$	$\frac{1577}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{105}\ \Phi_{96}\ \Phi_{35}\ \Phi_{32}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
137637	1783	3300	$\frac{1}{33}$	$\frac{133}{1650}$	$\frac{32}{165}$	$\frac{1517}{3300}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{300}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{100}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
137638	1783	2178	$\frac{1}{33}$	$\frac{32}{363}$	$\frac{395}{2178}$	$\frac{331}{726}$	$\Phi_{2178}\ \Phi_{1089}\ \Phi_{363}\ \Phi_{198}\ \Phi_{121}\ \Phi_{99}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
137639	1783	1806	$\frac{23}{1806}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{602}\ \Phi_{301}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}\ \Phi_{43}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
137640	1783	3240	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{163}{1620}$	$\frac{1457}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
137641	1783	3168	$\frac{1}{66}$	$\frac{199}{1584}$	$\frac{65}{264}$	$\frac{1385}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
137642	1783	1800	$\frac{17}{1800}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
137643	1783	3060	$\frac{2}{255}$	$\frac{253}{1530}$	$\frac{1}{3}$	$\frac{1277}{3060}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{180}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{36}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
137644	1783	2664	$\frac{7}{888}$	$\frac{1}{6}$	$\frac{881}{2664}$	$\frac{5}{12}$	$\Phi_{2664}\ \Phi_{1332}\ \Phi_{666}\ \Phi_{333}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
137645	1783	1800	$\frac{17}{1800}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
137646	1783	2220	$\frac{7}{444}$	$\frac{1}{6}$	$\frac{437}{2220}$	$\frac{5}{12}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{740}\ \Phi_{555}\ \Phi_{370}\ \Phi_{185}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
137647	1783	1824	$\frac{41}{1824}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
137648	1783	1980	$\frac{1}{33}$	$\frac{197}{1980}$	$\frac{32}{165}$	$\frac{133}{330}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{99}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
137649	1783	2916	$\frac{1}{162}$	$\frac{325}{1458}$	$\frac{161}{486}$	$\frac{1133}{2916}$	$\Phi_{2916}\ \Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{108}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
137650	1783	2904	$\frac{1}{33}$	$\frac{32}{363}$	$\frac{331}{1452}$	$\frac{1121}{2904}$	$\Phi_{2904}\ \Phi_{968}\ \Phi_{363}\ \Phi_{264}\ \Phi_{121}\ \Phi_{88}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
137651	1783	1872	$\frac{89}{1872}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{55}{144}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
137652	1783	2880	$\frac{17}{360}$	$\frac{1}{18}$	$\frac{343}{1440}$	$\frac{1097}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{360}\ \Phi_{320}\ \Phi_{192}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{64}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
137653	1783	2112	$\frac{1}{66}$	$\frac{329}{2112}$	$\frac{65}{264}$	$\frac{199}{528}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
137654	1783	2592	$\frac{1}{162}$	$\frac{161}{648}$	$\frac{809}{2592}$	$\frac{487}{1296}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{648}\ \Phi_{324}\ \Phi_{288}\ \Phi_{216}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
137655	1783	2856	$\frac{2}{357}$	$\frac{355}{1428}$	$\frac{1}{3}$	$\frac{1073}{2856}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{357}\ \Phi_{168}\ \Phi_{136}\ \Phi_{119}\ \Phi_{56}\ \Phi_{51}\ \Phi_{24}\ \Phi_{21}\ \Phi_{17}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
137656	1783	2772	$\frac{1}{66}$	$\frac{65}{462}$	$\frac{397}{1386}$	$\frac{989}{2772}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{462}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{44}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
137657	1783	2700	$\frac{17}{450}$	$\frac{1}{18}$	$\frac{433}{1350}$	$\frac{917}{2700}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{540}\ \Phi_{450}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{150}\ \Phi_{108}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
137658	1783	2295	$\frac{2}{255}$	$\frac{512}{2295}$	$\frac{253}{765}$	$\frac{1}{3}$	$\Phi_{2295}\ \Phi_{459}\ \Phi_{255}\ \Phi_{135}\ \Phi_{85}\ \Phi_{51}\ \Phi_{27}\ \Phi_{17}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
137659	1783	2655	$\frac{13}{885}$	$\frac{2}{15}$	$\frac{872}{2655}$	$\frac{1}{3}$	$\Phi_{2655}\ \Phi_{531}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
137660	1783	2646	$\frac{19}{882}$	$\frac{2}{21}$	$\frac{863}{2646}$	$\frac{1}{3}$	$\Phi_{2646}\ \Phi_{1323}\ \Phi_{378}\ \Phi_{189}\ \Phi_{54}\ \Phi_{27}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
137661	1783	2601	$\frac{2}{51}$	$\frac{49}{867}$	$\frac{818}{2601}$	$\frac{1}{3}$	$\Phi_{2601}\ \Phi_{153}\ \Phi_{51}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
137662	1783	1827	$\frac{44}{1827}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{261}\ \Phi_{203}\ \Phi_{87}\ \Phi_{29}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
137663	1783	2520	$\frac{2}{105}$	$\frac{103}{840}$	$\frac{737}{2520}$	$\frac{1}{3}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{72}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
137664	1783	2100	$\frac{2}{105}$	$\frac{317}{2100}$	$\frac{103}{420}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{105}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
137665	1783	2352	$\frac{19}{588}$	$\frac{2}{21}$	$\frac{569}{2352}$	$\frac{1}{3}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{784}\ \Phi_{392}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
137666	1783	1848	$\frac{65}{1848}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}\ \Phi_{77}\ \Phi_{66}\ \Phi_{56}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{21}\ \Phi_{11}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
137667	1783	2205	$\frac{19}{441}$	$\frac{2}{21}$	$\frac{422}{2205}$	$\frac{1}{3}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{315}\ \Phi_{245}\ \Phi_{105}\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
137668	1783	1890	$\frac{107}{1890}$	$\frac{2}{21}$	$\frac{19}{126}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{54}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
137669	1783	2058	$\frac{19}{294}$	$\frac{2}{21}$	$\frac{275}{2058}$	$\frac{1}{3}$	$\Phi_{2058}\ \Phi_{1029}\ \Phi_{686}\ \Phi_{343}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
137670	1783	1911	$\frac{128}{1911}$	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{1}{3}$	$\Phi_{1911}\ \Phi_{637}\ \Phi_{273}\ \Phi_{91}\ \Phi_{39}\ \Phi_{21}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}$
137671	1783	2016	$\frac{19}{252}$	$\frac{2}{21}$	$\frac{233}{2016}$	$\frac{1}{3}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
137672	1783	2592	$\frac{1}{18}$	$\frac{55}{864}$	$\frac{17}{72}$	$\frac{809}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
137673	1783	2160	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{377}{2160}$	$\frac{163}{540}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
137674	1783	2475	$\frac{1}{33}$	$\frac{133}{825}$	$\frac{32}{165}$	$\frac{692}{2475}$	$\Phi_{2475}\ \Phi_{495}\ \Phi_{225}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
137675	1783	1944	$\frac{1}{18}$	$\frac{161}{1944}$	$\frac{17}{72}$	$\frac{55}{216}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
137676	1783	2376	$\frac{1}{66}$	$\frac{65}{264}$	$\frac{593}{2376}$	$\frac{199}{792}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{264}\ \Phi_{216}\ \Phi_{132}\ \Phi_{108}\ \Phi_{88}\ \Phi_{54}\ \Phi_{44}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
137677	1783	2304	$\frac{1}{18}$	$\frac{55}{576}$	$\frac{521}{2304}$	$\frac{17}{72}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
137678	1783	2016	$\frac{1}{18}$	$\frac{233}{2016}$	$\frac{55}{288}$	$\frac{17}{72}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
137679	1783	2160	$\frac{1}{18}$	$\frac{55}{432}$	$\frac{377}{2160}$	$\frac{17}{72}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
137680	1784	1335	$\frac{1}{445}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{222}{445}$	$\Phi_{1335}\ \Phi_{445}^2\ \Phi_{267}\ \Phi_{89}^2\ \Phi_{15}\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
137681	1784	1783	$\frac{5}{1783}$	$\frac{447}{1783}$	$\frac{668}{1783}$	$\frac{889}{1783}$	$\Phi_{1783}\ \Phi_{1}^2$
137682	1784	2679	$\frac{3}{893}$	$\frac{224}{893}$	$\frac{1}{3}$	$\frac{445}{893}$	$\Phi_{2679}\ \Phi_{141}\ \Phi_{57}$
137683	1784	3108	$\frac{1}{222}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{221}{444}$	$\Phi_{3108}\ \Phi_{1036}\ \Phi_{444}^2\ \Phi_{148}^2\ \Phi_{84}\ \Phi_{28}\ \Phi_{12}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
137684	1784	2220	$\frac{1}{222}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{221}{444}$	$\Phi_{2220}^2\ \Phi_{740}^2\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}$
137685	1784	1490	$\frac{1}{149}$	$\frac{1}{5}$	$\frac{75}{298}$	$\frac{74}{149}$	$\Phi_{1490}^2\ \Phi_{745}\ \Phi_{10}^2$
137686	1784	3960	$\frac{3}{220}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{217}{440}$	$\Phi_{3960}\ \Phi_{1320}\ \Phi_{792}\ \Phi_{360}\ \Phi_{264}\ \Phi_{120}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
137687	1784	1311	$\frac{9}{437}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{214}{437}$	$\Phi_{1311}^2\ \Phi_{69}^2\ \Phi_{57}^3\ \Phi_{3}^2$
137688	1784	705	$\frac{1}{47}$	$\frac{12}{235}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{705}^4\ \Phi_{141}^3\ \Phi_{15}^4\ \Phi_{3}^2$
137689	1784	3906	$\frac{6}{217}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{211}{434}$	$\Phi_{3906}\ \Phi_{1302}\ \Phi_{558}\ \Phi_{186}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{6}$
137690	1784	2304	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{33}{256}$	$\frac{31}{64}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
137691	1784	432	$\frac{7}{216}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{209}{432}$	$\Phi_{432}^8\ \Phi_{144}^8\ \Phi_{72}\ \Phi_{48}^8\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}^8\ \Phi_{12}\ \Phi_{6}$
137692	1784	228	$\frac{5}{228}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{228}^8\ \Phi_{114}^8\ \Phi_{76}^8\ \Phi_{57}^7\ \Phi_{38}^8\ \Phi_{19}^8\ \Phi_{12}^8\ \Phi_{6}^8\ \Phi_{4}^8\ \Phi_{3}^6\ \Phi_{2}^8\ \Phi_{1}^8$
137693	1784	423	$\frac{1}{47}$	$\frac{23}{423}$	$\frac{1}{3}$	$\frac{200}{423}$	$\Phi_{423}^4\ \Phi_{141}^5\ \Phi_{47}^4\ \Phi_{9}^4\ \Phi_{3}^4\ \Phi_{1}^4$
137694	1784	1260	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{197}{420}$	$\Phi_{1260}^3\ \Phi_{420}^2\ \Phi_{252}^3\ \Phi_{180}^3\ \Phi_{140}^2\ \Phi_{126}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}^2$
137695	1784	3744	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{1}{9}$	$\frac{193}{416}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
137696	1784	3528	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{27}{196}$	$\frac{169}{392}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
137697	1784	1575	$\frac{2}{225}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}^2\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
137698	1784	2331	$\frac{1}{111}$	$\frac{1}{7}$	$\frac{110}{333}$	$\frac{3}{7}$	$\Phi_{2331}\ \Phi_{333}^2\ \Phi_{63}\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
137699	1784	2072	$\frac{1}{74}$	$\frac{1}{7}$	$\frac{73}{296}$	$\frac{3}{7}$	$\Phi_{2072}\ \Phi_{1036}\ \Phi_{296}^2\ \Phi_{148}^2\ \Phi_{56}\ \Phi_{28}\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
137700	1784	1596	$\frac{5}{228}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{266}\ \Phi_{228}^2\ \Phi_{133}\ \Phi_{114}^2\ \Phi_{84}\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{28}\ \Phi_{19}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
137701	1784	259	$\frac{1}{37}$	$\frac{36}{259}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{259}^7\ \Phi_{37}^6\ \Phi_7^8\ \Phi_1^8$
137702	1784	1152	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{31}{192}$	$\frac{161}{384}$	$\Phi_{1152}^3\ \Phi_{384}^2\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}^2\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
137703	1784	1008	$\frac{1}{56}$	$\frac{1}{9}$	$\frac{55}{168}$	$\frac{113}{336}$	$\Phi_{1008}^3\ \Phi_{504}\ \Phi_{336}^2\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}^3\ \Phi_{126}\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{36}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
137704	1784	672	$\frac{1}{224}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^2\ \Phi_{168}^3\ \Phi_{112}^2\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{56}^2\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
137705	1784	225	$\frac{2}{225}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{225}^8\ \Phi_{75}^8\ \Phi_{45}^8\ \Phi_{25}^8\ \Phi_{15}^7\ \Phi_9^8\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
137706	1784	267	$\frac{1}{89}$	$\frac{44}{267}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{267}^7\ \Phi_{89}^6\ \Phi_3^8\ \Phi_1^8$
137707	1784	1665	$\frac{1}{111}$	$\frac{1}{5}$	$\frac{110}{333}$	$\frac{1}{3}$	$\Phi_{1665}^2\ \Phi_{45}^2\ \Phi_{15}$
137708	1784	987	$\frac{1}{47}$	$\frac{95}{987}$	$\frac{46}{141}$	$\frac{1}{3}$	$\Phi_{987}^2\ \Phi_{329}^2\ \Phi_{141}\ \Phi_{21}^2\ \Phi_7^2$
137709	1784	1311	$\frac{18}{437}$	$\frac{1}{19}$	$\frac{419}{1311}$	$\frac{1}{3}$	$\Phi_{1311}\ \Phi_{437}^2\ \Phi_{69}\ \Phi_{57}^2\ \Phi_{23}^2\ \Phi_{19}^2\ \Phi_3\ \Phi_1^2$
137710	1784	1269	$\frac{1}{47}$	$\frac{46}{423}$	$\frac{377}{1269}$	$\frac{1}{3}$	$\Phi_{1269}^2\ \Phi_{141}\ \Phi_{27}^2$
137711	1784	4440	$\frac{1}{74}$	$\frac{1}{5}$	$\frac{73}{296}$	$\frac{1}{3}$	$\Phi_{4440}\ \Phi_{2220}\ \Phi_{120}\ \Phi_{60}\ \Phi_{15}$
137712	1784	228	$\frac{5}{228}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{228}^8\ \Phi_{114}^8\ \Phi_{76}^8\ \Phi_{57}^7\ \Phi_{38}^8\ \Phi_{19}^8\ \Phi_{12}^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
137713	1784	282	$\frac{1}{47}$	$\frac{23}{141}$	$\frac{59}{282}$	$\frac{1}{3}$	$\Phi_{282}^8\ \Phi_{141}^5\ \Phi_{94}^8\ \Phi_{47}^4\ \Phi_6^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^4$
137714	1784	555	$\frac{2}{111}$	$\frac{109}{555}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{555}^3\ \Phi_{185}^3\ \Phi_{111}^4\ \Phi_{37}^4\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
137715	1784	1140	$\frac{5}{228}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}$
137716	1784	3885	$\frac{1}{37}$	$\frac{36}{259}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3885}\ \Phi_{105}\ \Phi_{15}$
137717	1784	288	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{65}{288}$	$\frac{31}{96}$	$\Phi_{288}^6\ \Phi_{144}^6\ \Phi_{96}^7\ \Phi_{72}^6\ \Phi_{48}^7\ \Phi_{36}^6\ \Phi_{32}^6\ \Phi_{24}^7\ \Phi_{18}^6\ \Phi_{16}^6\ \Phi_{12}^7\ \Phi_9^5\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
137718	1784	252	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{29}{252}$	$\frac{13}{42}$	$\Phi_{252}^8\ \Phi_{126}^6\ \Phi_{84}^8\ \Phi_{63}^6\ \Phi_{42}^7\ \Phi_{36}^8\ \Phi_{28}^8\ \Phi_{21}^7\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_{12}^8\ \Phi_9^5\ \Phi_7^6\ \Phi_6^7\ \Phi_4^8\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
137719	1784	720	$\frac{17}{240}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^2\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{120}^2\ \Phi_{90}^3\ \Phi_{80}^2\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
137720	1784	792	$\frac{3}{44}$	$\frac{1}{9}$	$\frac{41}{264}$	$\frac{1}{4}$	$\Phi_{792}^3\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}^3\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{36}^3\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137721	1784	720	$\frac{17}{240}$	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^3\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^2\ \Phi_{72}^3\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137722	1784	288	$\frac{7}{72}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{65}{288}$	$\Phi_{288}^8\ \Phi_{144}^8\ \Phi_{96}^8\ \Phi_{72}\ \Phi_{48}^8\ \Phi_{36}\ \Phi_{32}^8\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}^8\ \Phi_{12}\ \Phi_6$
137723	1784	2520	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{70}$	$\frac{57}{280}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{126}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{60}\ \Phi_{42}\ \Phi_{36}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
137724	1785	712	$\frac{1}{356}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{355}{712}$	$\Phi_{712}\ \Phi_{356}^4\ \Phi_{178}^4\ \Phi_{89}^4\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
137725	1785	1524	$\frac{1}{254}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{253}{508}$	$\Phi_{762}^2\ \Phi_{508}\ \Phi_{381}^2\ \Phi_{254}^2\ \Phi_{127}^2\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
137726	1785	4572	$\frac{1}{254}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{253}{508}$	$\Phi_{4572}\ \Phi_{508}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
137727	1785	2384	$\frac{3}{596}$	$\frac{1}{4}$	$\frac{599}{2384}$	$\frac{593}{1192}$	$\Phi_{2384}\ \Phi_{596}\ \Phi_{298}\ \Phi_{149}\ \Phi_{16}\ \Phi_1$
137728	1785	1184	$\frac{3}{592}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{589}{1184}$	$\Phi_{1184}^3\ \Phi_{32}^3\ \Phi_{16}\ \Phi_1$
137729	1785	1184	$\frac{3}{592}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{589}{1184}$	$\Phi_{1184}^3\ \Phi_{32}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
137730	1785	1652	$\frac{1}{118}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{117}{236}$	$\Phi_{826}^2\ \Phi_{413}^2\ \Phi_{236}\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_{28}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
137731	1785	1652	$\frac{1}{118}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{117}{236}$	$\Phi_{1652}^2\ \Phi_{236}^3\ \Phi_{28}^2\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
137732	1785	708	$\frac{1}{118}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{117}{236}$	$\Phi_{708}^2\ \Phi_{354}^4\ \Phi_{236}\ \Phi_{177}^4\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_{12}^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
137733	1785	416	$\frac{1}{104}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{103}{208}$	$\Phi_{416}^8\ \Phi_{208}\ \Phi_{32}^9\ \Phi_{16}\ \Phi_1$
137734	1785	624	$\frac{1}{104}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{103}{208}$	$\Phi_{624}^8\ \Phi_{208}\ \Phi_{48}^8\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
137735	1785	1040	$\frac{1}{104}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{103}{208}$	$\Phi_{1040}^4\ \Phi_{208}\ \Phi_{80}^4\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
137736	1785	840	$\frac{1}{84}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{83}{168}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{168}\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{56}\ \Phi_{42}^4\ \Phi_{40}\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{24}\ \Phi_{21}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^2\ \Phi_7^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
137737	1785	840	$\frac{1}{84}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{83}{168}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{168}^5\ \Phi_{120}^4\ \Phi_{56}^5\ \Phi_{40}^4\ \Phi_{24}^5\ \Phi_{10}^2\ \Phi_8^5\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
137738	1785	168	$\frac{1}{84}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{83}{168}$	$\Phi_{168}^9\ \Phi_{84}^{12}\ \Phi_{56}^9\ \Phi_{42}^{12}\ \Phi_{28}^{12}\ \Phi_{24}^9\ \Phi_{21}^{12}\ \Phi_{14}^{12}\ \Phi_{12}^{12}\ \Phi_8^{12}\ \Phi_7^{12}\ \Phi_6^{12}\ \Phi_4^{14}\ \Phi_3^{12}\ \Phi_2^{14}\ \Phi_1^{15}$
137739	1785	4200	$\frac{1}{84}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{83}{168}$	$\Phi_{4200}\ \Phi_{1400}\ \Phi_{600}\ \Phi_{200}\ \Phi_{168}\ \Phi_{56}\ \Phi_{25}\ \Phi_{24}\ \Phi_8\ \Phi_1$
137740	1785	704	$\frac{5}{352}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{347}{704}$	$\Phi_{704}^5\ \Phi_{64}^5\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
137741	1785	1872	$\frac{2}{117}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{115}{234}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
137742	1785	1700	$\frac{1}{50}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{49}{100}$	$\Phi_{850}^2\ \Phi_{425}^2\ \Phi_{170}^2\ \Phi_{100}\ \Phi_{85}^2\ \Phi_{68}\ \Phi_{50}^2\ \Phi_{34}^2\ \Phi_{25}^2\ \Phi_{20}\ \Phi_{17}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
137743	1785	5100	$\frac{1}{50}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{49}{100}$	$\Phi_{5100}\ \Phi_{1020}\ \Phi_{300}\ \Phi_{204}\ \Phi_{100}\ \Phi_{60}\ \Phi_{51}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
137744	1785	1700	$\frac{1}{50}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{49}{100}$	$\Phi_{1700}^2\ \Phi_{340}^2\ \Phi_{100}^3\ \Phi_{68}^2\ \Phi_{20}^3\ \Phi_{17}^2\ \Phi_4^3\ \Phi_1^3$
137745	1785	600	$\frac{1}{50}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{49}{100}$	$\Phi_{600}^4\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^4\ \Phi_{120}^4\ \Phi_{100}\ \Phi_{75}^4\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^4\ \Phi_{25}^2\ \Phi_{24}^6\ \Phi_{20}\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_8^3\ \Phi_6^5\ \Phi_5^2\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
137746	1785	160	$\frac{1}{40}$	$\frac{1}{16}$	$\frac{41}{160}$	$\frac{39}{80}$	$\Phi_{160}^{15}\ \Phi_{80}^8\ \Phi_{40}^7\ \Phi_{32}^{15}\ \Phi_{20}^7\ \Phi_{16}^7\ \Phi_{10}^7\ \Phi_8^6\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
137747	1785	464	$\frac{3}{116}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{113}{232}$	$\Phi_{464}^4\ \Phi_{232}^3\ \Phi_{116}^4\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
137748	1785	2048	$\frac{7}{256}$	$\frac{1}{8}$	$\frac{263}{2048}$	$\frac{249}{512}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
137749	1785	496	$\frac{7}{248}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{241}{496}$	$\Phi_{496}^7\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
137750	1785	1700	$\frac{1}{34}$	$\frac{1}{25}$	$\frac{8}{25}$	$\frac{33}{68}$	$\Phi_{1700}^2\ \Phi_{340}^2\ \Phi_{100}^2\ \Phi_{68}^3\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_1^3$
137751	1785	612	$\frac{1}{34}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{612}^2\ \Phi_{306}^4\ \Phi_{204}^2\ \Phi_{153}^4\ \Phi_{102}^4\ \Phi_{68}\ \Phi_{51}^4\ \Phi_{36}^4\ \Phi_{34}^2\ \Phi_{18}^5\ \Phi_{17}^2\ \Phi_{12}^4\ \Phi_9^5\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
137752	1785	3740	$\frac{1}{34}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{33}{68}$	$\Phi_{3740}\ \Phi_{748}\ \Phi_{220}\ \Phi_{68}\ \Phi_{55}\ \Phi_{44}\ \Phi_{11}\ \Phi_4\ \Phi_1$
137753	1785	340	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{33}{68}$	$\Phi_{340}^4\ \Phi_{170}^6\ \Phi_{85}^6\ \Phi_{68}^5\ \Phi_{34}^6\ \Phi_{20}^7\ \Phi_{17}^6\ \Phi_{10}^8\ \Phi_5^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
137754	1785	1152	$\frac{19}{576}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{557}{1152}$	$\Phi_{1152}^3\ \Phi_{384}^3\ \Phi_{128}^3\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
137755	1785	1840	$\frac{4}{115}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{111}{230}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{368}\ \Phi_{184}\ \Phi_{115}\ \Phi_{92}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
137756	1785	144	$\frac{1}{24}$	$\frac{1}{16}$	$\frac{25}{144}$	$\frac{23}{48}$	$\Phi_{144}^{15}\ \Phi_{72}^{15}\ \Phi_{48}^8\ \Phi_{36}^{15}\ \Phi_{24}^7\ \Phi_{18}^{15}\ \Phi_{16}^7\ \Phi_{12}^7\ \Phi_9^{15}\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
137757	1785	912	$\frac{5}{114}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{109}{228}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{228}\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}\ \Phi_{57}^2\ \Phi_{48}^4\ \Phi_{38}^2\ \Phi_{24}^4\ \Phi_{19}^2\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
137758	1785	3480	$\frac{2}{87}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{696}\ \Phi_{232}\ \Phi_{87}\ \Phi_{40}\ \Phi_{29}\ \Phi_8\ \Phi_1$
137759	1785	2520	$\frac{1}{42}$	$\frac{1}{20}$	$\frac{41}{126}$	$\frac{19}{40}$	$\Phi_{2520}^2\ \Phi_{504}^2\ \Phi_{360}^2\ \Phi_{126}\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{40}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
137760	1785	440	$\frac{3}{88}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{440}^4\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{88}^5\ \Phi_{55}^4\ \Phi_{44}^5\ \Phi_{40}\ \Phi_{22}^5\ \Phi_{20}^4\ \Phi_{11}^5\ \Phi_{10}^4\ \Phi_8^2\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
137761	1785	560	$\frac{1}{28}$	$\frac{1}{20}$	$\frac{27}{112}$	$\frac{19}{40}$	$\Phi_{560}^4\ \Phi_{140}^4\ \Phi_{112}^5\ \Phi_{80}^4\ \Phi_{70}^4\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{16}^5\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_8^2\ \Phi_7^4\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
137762	1785	840	$\frac{1}{21}$	$\frac{1}{20}$	$\frac{4}{21}$	$\frac{19}{40}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{168}^4\ \Phi_{120}^4\ \Phi_{56}^5\ \Phi_{40}^5\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_8^5\ \Phi_7^4\ \Phi_3^4\ \Phi_1^5$
137763	1785	360	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{360}^{10}\ \Phi_{120}^8\ \Phi_{72}^{10}\ \Phi_{40}^9\ \Phi_{24}^8\ \Phi_{18}^5\ \Phi_9^5\ \Phi_8^9\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
137764	1785	3640	$\frac{1}{20}$	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{19}{40}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{104}\ \Phi_{91}\ \Phi_{40}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
137765	1785	1960	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{19}{40}$	$\Phi_{1960}^{2}\ \Phi_{392}^{2}\ \Phi_{98}\ \Phi_{49}\ \Phi_{40}\ \Phi_{8}\ \Phi_{1}$
137766	1785	480	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{19}{40}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{4}\ \Phi_{96}^{5}\ \Phi_{80}^{4}\ \Phi_{60}^{4}\ \Phi_{48}^{5}\ \Phi_{40}\ \Phi_{32}^{5}\ \Phi_{30}^{4}\ \Phi_{24}\ \Phi_{20}^{4}\ \Phi_{16}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
137767	1785	1716	$\frac{1}{52}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{286}\ \Phi_{156}^{2}\ \Phi_{143}\ \Phi_{132}\ \Phi_{78}^{2}\ \Phi_{52}\ \Phi_{44}\ \Phi_{39}^{2}\ \Phi_{33}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
137768	1785	416	$\frac{1}{52}$	$\frac{1}{16}$	$\frac{17}{52}$	$\frac{15}{32}$	$\Phi_{416}^{8}\ \Phi_{52}^{2}\ \Phi_{32}^{9}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137769	1785	288	$\frac{1}{36}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{288}^{12}\ \Phi_{96}^{12}\ \Phi_{36}^{3}\ \Phi_{32}^{9}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137770	1785	416	$\frac{1}{26}$	$\frac{1}{16}$	$\frac{5}{26}$	$\frac{15}{32}$	$\Phi_{416}^{8}\ \Phi_{32}^{9}\ \Phi_{26}^{4}\ \Phi_{13}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
137771	1785	1056	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{1056}^{4}\ \Phi_{352}^{2}\ \Phi_{96}^{2}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
137772	1785	416	$\frac{3}{52}$	$\frac{1}{16}$	$\frac{7}{52}$	$\frac{15}{32}$	$\Phi_{416}^{8}\ \Phi_{52}^{2}\ \Phi_{32}^{9}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137773	1785	32	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{15}{32}$	$\Phi_{32}^{105}\ \Phi_{16}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
137774	1785	1248	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{15}{32}$	$\Phi_{1248}^{3}\ \Phi_{416}^{2}\ \Phi_{96}^{3}\ \Phi_{39}^{3}\ \Phi_{32}^{3}\ \Phi_{13}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
137775	1785	4956	$\frac{1}{59}$	$\frac{1}{14}$	$\frac{58}{177}$	$\frac{13}{28}$	$\Phi_{4956}\ \Phi_{708}\ \Phi_{177}\ \Phi_{84}\ \Phi_{28}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
137776	1785	1652	$\frac{3}{59}$	$\frac{1}{14}$	$\frac{8}{59}$	$\frac{13}{28}$	$\Phi_{1652}^{2}\ \Phi_{236}^{2}\ \Phi_{59}^{2}\ \Phi_{28}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
137777	1785	504	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{28}$	$\Phi_{504}^{4}\ \Phi_{252}^{2}\ \Phi_{168}^{4}\ \Phi_{126}^{4}\ \Phi_{84}^{2}\ \Phi_{72}^{6}\ \Phi_{63}^{4}\ \Phi_{56}^{2}\ \Phi_{42}^{4}\ \Phi_{36}^{4}\ \Phi_{28}\ \Phi_{24}^{6}\ \Phi_{21}^{4}\ \Phi_{18}^{5}\ \Phi_{14}^{2}\ \Phi_{12}^{4}\ \Phi_{9}^{5}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137778	1785	3328	$\frac{7}{128}$	$\frac{121}{1664}$	$\frac{1}{8}$	$\frac{1543}{3328}$	$\Phi_{3328}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
137779	1785	880	$\frac{1}{16}$	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{220}$	$\Phi_{880}^{2}\ \Phi_{440}^{2}\ \Phi_{220}\ \Phi_{176}^{2}\ \Phi_{110}^{2}\ \Phi_{88}^{2}\ \Phi_{80}^{4}\ \Phi_{55}^{2}\ \Phi_{44}\ \Phi_{40}^{4}\ \Phi_{22}^{2}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{11}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137780	1785	624	$\frac{1}{52}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{624}^{4}\ \Phi_{208}^{4}\ \Phi_{156}^{4}\ \Phi_{78}^{4}\ \Phi_{52}^{3}\ \Phi_{48}^{3}\ \Phi_{39}^{4}\ \Phi_{26}^{3}\ \Phi_{16}^{3}\ \Phi_{13}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137781	1785	832	$\frac{1}{52}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{832}^{4}\ \Phi_{64}^{3}\ \Phi_{52}^{3}\ \Phi_{26}^{3}\ \Phi_{13}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137782	1785	432	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{216}$	$\Phi_{432}^{4}\ \Phi_{216}^{3}\ \Phi_{144}^{4}\ \Phi_{108}^{4}\ \Phi_{72}^{3}\ \Phi_{54}^{4}\ \Phi_{48}^{8}\ \Phi_{36}^{4}\ \Phi_{27}^{7}\ \Phi_{24}^{4}\ \Phi_{18}^{7}\ \Phi_{16}^{7}\ \Phi_{12}^{7}\ \Phi_{9}^{4}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
137783	1785	2368	$\frac{9}{592}$	$\frac{1}{8}$	$\frac{583}{2368}$	$\frac{7}{16}$	$\Phi_{2368}\ \Phi_{1184}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
137784	1785	608	$\frac{13}{608}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{608}^{3}\ \Phi_{304}^{3}\ \Phi_{152}^{3}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{32}^{3}\ \Phi_{19}^{3}\ \Phi_{16}\ \Phi_{1}$
137785	1785	128	$\frac{1}{16}$	$\frac{9}{128}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{128}^{15}\ \Phi_{64}^{15}\ \Phi_{32}^{15}\ \Phi_{16}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
137786	1785	1590	$\frac{1}{106}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{530}\ \Phi_{318}^{2}\ \Phi_{265}\ \Phi_{159}^{2}\ \Phi_{106}\ \Phi_{53}\ \Phi_{15}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
137787	1785	240	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{30}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}^{8}\ \Phi_{60}^{8}\ \Phi_{48}^{8}\ \Phi_{40}^{8}\ \Phi_{30}\ \Phi_{24}^{8}\ \Phi_{20}^{8}\ \Phi_{16}^{7}\ \Phi_{15}^{7}\ \Phi_{12}^{8}\ \Phi_{10}\ \Phi_{8}^{7}\ \Phi_{6}\ \Phi_{5}^{7}\ \Phi_{4}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{7}$
137788	1785	448	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{31}{224}$	$\frac{193}{448}$	$\Phi_{448}^{7}\ \Phi_{64}^{7}\ \Phi_{32}^{7}\ \Phi_{16}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
137789	1785	1024	$\frac{7}{256}$	$\frac{1}{8}$	$\frac{83}{512}$	$\frac{429}{1024}$	$\Phi_{1024}^{3}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
137790	1785	1524	$\frac{1}{127}$	$\frac{1}{6}$	$\frac{42}{127}$	$\frac{5}{12}$	$\Phi_{1524}^{2}\ \Phi_{508}^{2}\ \Phi_{127}^{2}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
137791	1785	1272	$\frac{1}{106}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1272}^{2}\ \Phi_{424}^{2}\ \Phi_{318}^{2}\ \Phi_{159}^{2}\ \Phi_{106}\ \Phi_{53}\ \Phi_{24}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
137792	1785	516	$\frac{1}{86}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{516}^{2}\ \Phi_{258}^{4}\ \Phi_{172}^{4}\ \Phi_{129}^{4}\ \Phi_{86}^{5}\ \Phi_{43}^{5}\ \Phi_{12}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137793	1785	1524	$\frac{2}{127}$	$\frac{1}{6}$	$\frac{25}{127}$	$\frac{5}{12}$	$\Phi_{1524}^{2}\ \Phi_{508}^{2}\ \Phi_{127}^{2}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
137794	1785	156	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{156}^{12}\ \Phi_{78}^{12}\ \Phi_{52}^{11}\ \Phi_{39}^{12}\ \Phi_{26}^{11}\ \Phi_{13}^{11}\ \Phi_{12}^{7}\ \Phi_{6}^{11}\ \Phi_{4}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
137795	1785	1524	$\frac{7}{127}$	$\frac{8}{127}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1524}^{2}\ \Phi_{508}^{2}\ \Phi_{127}^{2}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
137796	1785	144	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{144}^{14}\ \Phi_{72}^{14}\ \Phi_{48}^{12}\ \Phi_{36}^{8}\ \Phi_{24}^{12}\ \Phi_{18}^{13}\ \Phi_{16}^{11}\ \Phi_{12}^{7}\ \Phi_{9}^{13}\ \Phi_{8}^{11}\ \Phi_{6}^{11}\ \Phi_{4}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
137797	1785	400	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{19}{100}$	$\frac{81}{200}$	$\Phi_{400}^{4}\ \Phi_{200}^{3}\ \Phi_{100}^{4}\ \Phi_{80}^{8}\ \Phi_{50}^{4}\ \Phi_{40}^{7}\ \Phi_{25}^{4}\ \Phi_{20}^{7}\ \Phi_{16}^{7}\ \Phi_{10}^{7}\ \Phi_{8}^{6}\ \Phi_{5}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
137798	1785	192	$\frac{1}{24}$	$\frac{1}{16}$	$\frac{23}{96}$	$\frac{73}{192}$	$\Phi_{192}^{15}\ \Phi_{64}^{15}\ \Phi_{48}^{8}\ \Phi_{24}^{7}\ \Phi_{16}^{7}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
137799	1785	712	$\frac{1}{178}$	$\frac{1}{4}$	$\frac{59}{178}$	$\frac{3}{8}$	$\Phi_{712}^{4}\ \Phi_{178}^{2}\ \Phi_{89}^{2}\ \Phi_{8}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137800	1785	120	$\frac{1}{120}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{120}^{15}\ \Phi_{60}^{15}\ \Phi_{40}^{15}\ \Phi_{30}^{15}\ \Phi_{24}^{15}\ \Phi_{20}^{15}\ \Phi_{15}^{15}\ \Phi_{12}^{15}\ \Phi_{10}^{15}\ \Phi_{8}^{12}\ \Phi_{6}^{15}\ \Phi_{5}^{15}\ \Phi_{4}^{14}\ \Phi_{3}^{15}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
137801	1785	3560	$\frac{1}{89}$	$\frac{88}{445}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3560}\ \Phi_{445}\ \Phi_{40}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
137802	1785	712	$\frac{3}{178}$	$\frac{25}{178}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{712}^{4}\ \Phi_{178}^{2}\ \Phi_{89}^{2}\ \Phi_{8}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137803	1785	104	$\frac{1}{52}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{104}^{16}\ \Phi_{52}^{19}\ \Phi_{26}^{19}\ \Phi_{13}^{19}\ \Phi_{8}^{12}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
137804	1785	504	$\frac{1}{36}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{168}^{4}\ \Phi_{126}^{4}\ \Phi_{84}^{4}\ \Phi_{63}^{4}\ \Phi_{56}^{3}\ \Phi_{42}^{4}\ \Phi_{36}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{4}\ \Phi_{18}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{3}\ \Phi_{1}^{3}$
137805	1785	712	$\frac{4}{89}$	$\frac{5}{89}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{712}^{4}\ \Phi_{89}^{4}\ \Phi_{8}^{5}\ \Phi_{1}^{5}$
137806	1785	792	$\frac{1}{22}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}^{4}\ \Phi_{264}^{4}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{2}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
137807	1785	1404	$\frac{1}{52}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{1404}\ \Phi_{702}\ \Phi_{468}^{2}\ \Phi_{351}\ \Phi_{234}^{2}\ \Phi_{156}^{2}\ \Phi_{117}^{2}\ \Phi_{108}\ \Phi_{78}^{2}\ \Phi_{52}\ \Phi_{39}^{2}\ \Phi_{36}^{2}\ \Phi_{27}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
137808	1785	468	$\frac{1}{36}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{468}^{4}\ \Phi_{234}^{4}\ \Phi_{156}^{4}\ \Phi_{117}^{4}\ \Phi_{78}^{4}\ \Phi_{52}^{4}\ \Phi_{39}^{4}\ \Phi_{36}^{3}\ \Phi_{26}\ \Phi_{18}^{3}\ \Phi_{13}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
137809	1785	720	$\frac{1}{30}$	$\frac{1}{16}$	$\frac{29}{90}$	$\frac{61}{180}$	$\Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{240}^{4}\ \Phi_{180}\ \Phi_{144}^{2}\ \Phi_{120}^{4}\ \Phi_{90}^{2}\ \Phi_{80}^{4}\ \Phi_{72}^{2}\ \Phi_{60}^{3}\ \Phi_{48}^{4}\ \Phi_{45}^{2}\ \Phi_{40}^{4}\ \Phi_{36}\ \Phi_{30}^{3}\ \Phi_{24}^{4}\ \Phi_{20}^{3}\ \Phi_{18}^{2}\ \Phi_{16}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137810	1785	669	$\frac{4}{223}$	$\frac{74}{669}$	$\frac{73}{223}$	$\frac{75}{223}$	$\Phi_{669}^{3}\ \Phi_{223}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
137811	1785	128	$\frac{1}{64}$	$\frac{1}{8}$	$\frac{21}{64}$	$\frac{43}{128}$	$\Phi_{128}^{21}\ \Phi_{64}^{7}\ \Phi_{32}^{7}\ \Phi_{16}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
137812	1785	1788	$\frac{1}{149}$	$\frac{1}{4}$	$\frac{148}{447}$	$\frac{299}{894}$	$\Phi_{1788}\ \Phi_{596}^{2}\ \Phi_{447}\ \Phi_{298}\ \Phi_{149}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
137813	1785	892	$\frac{1}{223}$	$\frac{74}{223}$	$\frac{297}{892}$	$\frac{149}{446}$	$\Phi_{892}^{3}\ \Phi_{223}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
137814	1785	1143	$\frac{1}{127}$	$\frac{2}{9}$	$\frac{42}{127}$	$\frac{1}{3}$	$\Phi_{1143}^{2}\ \Phi_{127}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
137815	1785	870	$\frac{2}{87}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{870}^{2}\ \Phi_{435}^{2}\ \Phi_{290}^{2}\ \Phi_{174}^{2}\ \Phi_{145}^{2}\ \Phi_{87}^{3}\ \Phi_{58}^{2}\ \Phi_{29}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137816	1785	1548	$\frac{1}{86}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1548}^{2}\ \Phi_{774}\ \Phi_{387}\ \Phi_{172}^{2}\ \Phi_{86}\ \Phi_{43}\ \Phi_{36}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
137817	1785	696	$\frac{2}{87}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{696}^{3}\ \Phi_{348}^{2}\ \Phi_{232}^{3}\ \Phi_{174}^{2}\ \Phi_{116}^{2}\ \Phi_{87}^{3}\ \Phi_{58}^{2}\ \Phi_{29}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137818	1785	624	$\frac{2}{39}$	$\frac{1}{16}$	$\frac{37}{156}$	$\frac{1}{3}$	$\Phi_{624}^{3}\ \Phi_{312}^{3}\ \Phi_{208}^{3}\ \Phi_{156}^{2}\ \Phi_{104}^{3}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{48}^{4}\ \Phi_{39}^{3}\ \Phi_{26}^{2}\ \Phi_{24}^{4}\ \Phi_{16}^{3}\ \Phi_{13}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137819	1785	1143	$\frac{2}{127}$	$\frac{25}{127}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1143}^{2}\ \Phi_{127}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
137820	1785	468	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{468}^{5}\ \Phi_{234}^{5}\ \Phi_{156}^{2}\ \Phi_{117}^{5}\ \Phi_{78}^{2}\ \Phi_{52}\ \Phi_{39}^{2}\ \Phi_{36}^{5}\ \Phi_{26}\ \Phi_{18}^{2}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
137821	1785	1143	$\frac{7}{127}$	$\frac{8}{127}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1143}^{2}\ \Phi_{127}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
137822	1785	144	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{144}^{13}\ \Phi_{72}^{13}\ \Phi_{48}^{14}\ \Phi_{36}^{13}\ \Phi_{24}^{14}\ \Phi_{18}^{6}\ \Phi_{16}^{13}\ \Phi_{12}^{14}\ \Phi_{9}^{7}\ \Phi_{8}^{13}\ \Phi_{6}^{7}\ \Phi_{4}^{13}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
137823	1785	2175	$\frac{2}{87}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2175}\ \Phi_{725}\ \Phi_{87}\ \Phi_{29}\ \Phi_{25}\ \Phi_{1}$
137824	1785	888	$\frac{3}{296}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{293}{888}$	$\Phi_{888}^{3}\ \Phi_{444}^{3}\ \Phi_{222}^{3}\ \Phi_{111}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137825	1785	1239	$\frac{1}{59}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{58}{177}$	$\Phi_{1239}^{2}\ \Phi_{177}^{3}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
137826	1785	708	$\frac{1}{59}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{58}{177}$	$\Phi_{708}^{3}\ \Phi_{354}\ \Phi_{236}^{4}\ \Phi_{177}^{2}\ \Phi_{118}^{2}\ \Phi_{59}^{2}\ \Phi_{12}^{5}\ \Phi_{6}^{2}\ \Phi_{4}^{5}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137827	1785	312	$\frac{1}{52}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{52}$	$\Phi_{312}^{8}\ \Phi_{156}^{8}\ \Phi_{78}^{8}\ \Phi_{52}^{2}\ \Phi_{39}^{8}\ \Phi_{26}^{2}\ \Phi_{24}^{9}\ \Phi_{13}^{2}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{2}\ \Phi_{3}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137828	1785	260	$\frac{1}{52}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{52}$	$\Phi_{260}^{8}\ \Phi_{130}^{8}\ \Phi_{65}^{8}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{20}^{9}\ \Phi_{13}^{2}\ \Phi_{10}^{9}\ \Phi_{5}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137829	1785	630	$\frac{1}{42}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{41}{126}$	$\Phi_{630}^{4}\ \Phi_{315}^{4}\ \Phi_{126}^{5}\ \Phi_{90}^{4}\ \Phi_{63}^{5}\ \Phi_{45}^{4}\ \Phi_{18}^{5}\ \Phi_{10}^{2}\ \Phi_{9}^{5}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137830	1785	504	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{41}{126}$	$\Phi_{504}^{6}\ \Phi_{252}^{4}\ \Phi_{126}^{5}\ \Phi_{72}^{6}\ \Phi_{63}^{5}\ \Phi_{36}^{4}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137831	1785	3150	$\frac{1}{42}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{41}{126}$	$\Phi_{3150}\ \Phi_{1575}\ \Phi_{450}\ \Phi_{225}\ \Phi_{126}\ \Phi_{63}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
137832	1785	768	$\frac{7}{256}$	$\frac{1}{8}$	$\frac{173}{768}$	$\frac{83}{256}$	$\Phi_{768}^{3}\,\Phi_{384}^{3}\,\Phi_{256}\,\Phi_{192}^{3}\,\Phi_{128}\,\Phi_{96}^{3}\,\Phi_{64}\,\Phi_{48}^{3}\,\Phi_{32}\,\Phi_{24}^{3}\,\Phi_{16}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{3}^{3}\,\Phi_{1}$
137833	1785	1275	$\frac{1}{25}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{8}{25}$	$\Phi_{1275}^{2}\,\Phi_{255}^{2}\,\Phi_{75}^{2}\,\Phi_{51}^{3}\,\Phi_{25}^{2}\,\Phi_{15}^{2}\,\Phi_{5}^{2}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
137834	1785	425	$\frac{1}{25}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{8}{25}$	$\Phi_{425}^{4}\,\Phi_{85}^{4}\,\Phi_{25}^{6}\,\Phi_{17}^{6}\,\Phi_{5}^{6}\,\Phi_{1}^{9}$
137835	1785	600	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{8}{25}$	$\Phi_{600}^{4}\,\Phi_{300}^{4}\,\Phi_{200}^{2}\,\Phi_{150}^{2}\,\Phi_{120}^{4}\,\Phi_{100}^{2}\,\Phi_{75}^{2}\,\Phi_{60}^{4}\,\Phi_{40}^{2}\,\Phi_{30}^{2}\,\Phi_{25}^{2}\,\Phi_{24}^{6}\,\Phi_{20}^{2}\,\Phi_{15}^{2}\,\Phi_{12}^{6}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{5}^{2}\,\Phi_{4}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
137836	1785	892	$\frac{43}{892}$	$\frac{87}{892}$	$\frac{161}{892}$	$\frac{283}{892}$	$\Phi_{892}^{2}\,\Phi_{446}^{2}\,\Phi_{223}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
137837	1785	256	$\frac{13}{256}$	$\frac{1}{8}$	$\frac{35}{256}$	$\frac{81}{256}$	$\Phi_{256}^{7}\,\Phi_{128}^{7}\,\Phi_{64}^{7}\,\Phi_{32}^{7}\,\Phi_{16}^{7}\,\Phi_{8}^{6}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
137838	1785	446	$\frac{23}{446}$	$\frac{55}{446}$	$\frac{61}{446}$	$\frac{141}{446}$	$\Phi_{446}^{4}\,\Phi_{223}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
137839	1785	1074	$\frac{19}{358}$	$\frac{35}{358}$	$\frac{1}{6}$	$\frac{113}{358}$	$\Phi_{1074}^{2}\,\Phi_{537}^{2}\,\Phi_{358}\,\Phi_{179}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
137840	1785	612	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{612}^{4}\,\Phi_{306}^{2}\,\Phi_{204}^{3}\,\Phi_{153}^{2}\,\Phi_{102}\,\Phi_{68}^{4}\,\Phi_{51}^{2}\,\Phi_{36}^{6}\,\Phi_{34}^{2}\,\Phi_{18}^{3}\,\Phi_{17}^{2}\,\Phi_{12}^{5}\,\Phi_{9}^{3}\,\Phi_{6}^{2}\,\Phi_{4}^{5}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
137841	1785	2805	$\frac{1}{17}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{16}{51}$	$\Phi_{2805}\,\Phi_{561}\,\Phi_{165}\,\Phi_{55}\,\Phi_{51}\,\Phi_{33}\,\Phi_{11}\,\Phi_{3}\,\Phi_{1}$
137842	1785	1020	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{16}{51}$	$\Phi_{1020}^{3}\,\Phi_{510}^{2}\,\Phi_{255}^{2}\,\Phi_{204}^{3}\,\Phi_{102}^{2}\,\Phi_{60}^{3}\,\Phi_{51}^{3}\,\Phi_{30}^{2}\,\Phi_{20}^{3}\,\Phi_{15}^{2}\,\Phi_{12}^{3}\,\Phi_{10}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{3}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
137843	1785	96	$\frac{1}{16}$	$\frac{11}{96}$	$\frac{1}{8}$	$\frac{5}{16}$	$\Phi_{96}^{21}\,\Phi_{48}^{21}\,\Phi_{32}^{21}\,\Phi_{24}^{21}\,\Phi_{16}^{7}\,\Phi_{12}^{21}\,\Phi_{8}^{6}\,\Phi_{6}^{21}\,\Phi_{4}^{6}\,\Phi_{3}^{21}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
137844	1785	144	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{25}{144}$	$\frac{11}{36}$	$\Phi_{144}^{11}\,\Phi_{72}^{11}\,\Phi_{48}^{15}\,\Phi_{36}^{12}\,\Phi_{24}^{15}\,\Phi_{18}^{12}\,\Phi_{16}^{14}\,\Phi_{12}^{15}\,\Phi_{9}^{12}\,\Phi_{8}^{14}\,\Phi_{6}^{15}\,\Phi_{4}^{14}\,\Phi_{3}^{15}\,\Phi_{2}^{14}\,\Phi_{1}^{15}$
137845	1785	440	$\frac{3}{88}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{440}^{4}\,\Phi_{220}^{4}\,\Phi_{110}^{4}\,\Phi_{88}^{5}\,\Phi_{55}^{4}\,\Phi_{44}^{5}\,\Phi_{40}^{4}\,\Phi_{22}^{5}\,\Phi_{11}^{5}\,\Phi_{10}^{2}\,\Phi_{8}^{5}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
137846	1785	560	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{27}{112}$	$\frac{3}{10}$	$\Phi_{560}^{4}\,\Phi_{280}^{4}\,\Phi_{112}^{5}\,\Phi_{80}^{4}\,\Phi_{56}^{5}\,\Phi_{40}^{4}\,\Phi_{16}^{5}\,\Phi_{10}^{2}\,\Phi_{8}^{5}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
137847	1785	210	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{4}{21}$	$\frac{3}{10}$	$\Phi_{210}^{8}\,\Phi_{105}^{8}\,\Phi_{70}^{8}\,\Phi_{42}^{8}\,\Phi_{35}^{8}\,\Phi_{30}^{8}\,\Phi_{21}^{12}\,\Phi_{15}^{8}\,\Phi_{14}^{8}\,\Phi_{10}^{10}\,\Phi_{7}^{12}\,\Phi_{6}^{8}\,\Phi_{5}^{10}\,\Phi_{3}^{12}\,\Phi_{2}^{10}\,\Phi_{1}^{15}$
137848	1785	90	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{90}^{20}\,\Phi_{45}^{20}\,\Phi_{30}^{16}\,\Phi_{18}^{25}\,\Phi_{15}^{16}\,\Phi_{10}^{18}\,\Phi_{9}^{25}\,\Phi_{6}^{20}\,\Phi_{5}^{18}\,\Phi_{3}^{20}\,\Phi_{2}^{22}\,\Phi_{1}^{23}$
137849	1785	910	$\frac{6}{91}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{10}$	$\Phi_{910}^{2}\,\Phi_{455}^{2}\,\Phi_{182}^{2}\,\Phi_{130}^{2}\,\Phi_{91}^{3}\,\Phi_{65}^{2}\,\Phi_{26}^{2}\,\Phi_{13}^{3}\,\Phi_{10}^{2}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
137850	1785	490	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{98}$	$\frac{3}{10}$	$\Phi_{490}^{4}\,\Phi_{245}^{4}\,\Phi_{98}^{5}\,\Phi_{49}^{5}\,\Phi_{10}^{2}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
137851	1785	480	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{96}$	$\frac{3}{10}$	$\Phi_{480}^{4}\,\Phi_{240}^{4}\,\Phi_{160}^{4}\,\Phi_{120}^{4}\,\Phi_{96}^{5}\,\Phi_{80}^{4}\,\Phi_{48}^{5}\,\Phi_{40}^{4}\,\Phi_{32}^{5}\,\Phi_{24}^{5}\,\Phi_{16}^{5}\,\Phi_{10}^{2}\,\Phi_{8}^{5}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
137852	1785	128	$\frac{9}{128}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{19}{64}$	$\Phi_{128}^{15}\,\Phi_{64}^{13}\,\Phi_{32}^{13}\,\Phi_{16}^{13}\,\Phi_{8}^{12}\,\Phi_{4}^{12}\,\Phi_{2}^{12}\,\Phi_{1}^{13}$
137853	1785	892	$\frac{37}{892}$	$\frac{103}{892}$	$\frac{171}{892}$	$\frac{263}{892}$	$\Phi_{892}^{2}\,\Phi_{446}^{2}\,\Phi_{223}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
137854	1785	954	$\frac{1}{18}$	$\frac{13}{106}$	$\frac{15}{106}$	$\frac{31}{106}$	$\Phi_{954}^{2}\,\Phi_{477}^{2}\,\Phi_{318}^{2}\,\Phi_{159}^{2}\,\Phi_{106}\,\Phi_{53}\,\Phi_{18}\,\Phi_{9}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
137855	1785	72	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{72}^{24}\,\Phi_{36}^{27}\,\Phi_{24}^{21}\,\Phi_{18}^{27}\,\Phi_{12}^{24}\,\Phi_{9}^{27}\,\Phi_{8}^{24}\,\Phi_{6}^{24}\,\Phi_{4}^{26}\,\Phi_{3}^{24}\,\Phi_{2}^{26}\,\Phi_{1}^{27}$
137856	1785	312	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{5}{26}$	$\frac{7}{24}$	$\Phi_{312}^{8}\,\Phi_{156}^{8}\,\Phi_{78}^{8}\,\Phi_{39}^{8}\,\Phi_{26}^{4}\,\Phi_{24}^{9}\,\Phi_{13}^{4}\,\Phi_{12}^{9}\,\Phi_{6}^{9}\,\Phi_{3}^{9}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
137857	1785	264	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{264}^{6}\,\Phi_{132}^{6}\,\Phi_{88}^{8}\,\Phi_{66}^{8}\,\Phi_{44}^{8}\,\Phi_{33}^{8}\,\Phi_{24}^{3}\,\Phi_{22}^{9}\,\Phi_{12}^{3}\,\Phi_{11}^{9}\,\Phi_{8}^{4}\,\Phi_{6}^{4}\,\Phi_{4}^{4}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
137858	1785	312	$\frac{3}{52}$	$\frac{1}{8}$	$\frac{7}{52}$	$\frac{7}{24}$	$\Phi_{312}^{8}\,\Phi_{156}^{8}\,\Phi_{78}^{8}\,\Phi_{52}^{2}\,\Phi_{39}^{8}\,\Phi_{26}^{9}\,\Phi_{24}^{9}\,\Phi_{13}^{2}\,\Phi_{12}^{9}\,\Phi_{6}^{9}\,\Phi_{4}^{2}\,\Phi_{3}^{9}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
137859	1785	48	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{48}^{56}\,\Phi_{24}^{49}\,\Phi_{16}^{7}\,\Phi_{12}^{49}\,\Phi_{8}^{6}\,\Phi_{6}^{49}\,\Phi_{4}^{6}\,\Phi_{3}^{49}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
137860	1785	312	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{312}^{5}\,\Phi_{156}^{5}\,\Phi_{104}^{6}\,\Phi_{78}^{5}\,\Phi_{52}^{6}\,\Phi_{39}^{8}\,\Phi_{26}^{6}\,\Phi_{24}^{6}\,\Phi_{13}^{8}\,\Phi_{12}^{6}\,\Phi_{8}^{6}\,\Phi_{6}^{6}\,\Phi_{4}^{6}\,\Phi_{3}^{9}\,\Phi_{2}^{6}\,\Phi_{1}^{9}$
137861	1785	892	$\frac{45}{892}$	$\frac{121}{892}$	$\frac{127}{892}$	$\frac{257}{892}$	$\Phi_{892}^{2}\,\Phi_{446}^{2}\,\Phi_{223}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
137862	1785	1074	$\frac{15}{358}$	$\frac{49}{358}$	$\frac{1}{6}$	$\frac{103}{358}$	$\Phi_{1074}^{2}\,\Phi_{537}^{2}\,\Phi_{358}\,\Phi_{179}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
137863	1785	223	$\frac{6}{223}$	$\frac{31}{223}$	$\frac{53}{223}$	$\frac{64}{223}$	$\Phi_{223}^{8}\,\Phi_{1}^{9}$
137864	1785	413	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{413}^{4}\,\Phi_{59}^{6}\,\Phi_{7}^{6}\,\Phi_{1}^{9}$
137865	1785	504	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{504}^{4}\,\Phi_{252}^{4}\,\Phi_{168}^{4}\,\Phi_{126}^{2}\,\Phi_{84}^{4}\,\Phi_{72}^{6}\,\Phi_{63}^{2}\,\Phi_{56}^{2}\,\Phi_{42}^{2}\,\Phi_{36}^{6}\,\Phi_{28}^{2}\,\Phi_{24}^{6}\,\Phi_{21}^{2}\,\Phi_{18}^{3}\,\Phi_{12}^{6}\,\Phi_{9}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{6}^{3}\,\Phi_{4}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
137866	1785	446	$\frac{19}{446}$	$\frac{61}{446}$	$\frac{77}{446}$	$\frac{123}{446}$	$\Phi_{446}^{4}\ \Phi_{223}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
137867	1785	954	$\frac{1}{18}$	$\frac{11}{106}$	$\frac{19}{106}$	$\frac{29}{106}$	$\Phi_{954}^{2}\ \Phi_{477}^{2}\ \Phi_{318}^{2}\ \Phi_{159}^{2}\ \Phi_{106}\ \Phi_{53}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
137868	1785	624	$\frac{1}{52}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{624}^{4}\ \Phi_{312}^{4}\ \Phi_{156}^{4}\ \Phi_{78}^{4}\ \Phi_{52}^{3}\ \Phi_{48}^{3}\ \Phi_{39}^{4}\ \Phi_{26}^{3}\ \Phi_{24}^{3}\ \Phi_{13}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137869	1785	892	$\frac{47}{892}$	$\frac{93}{892}$	$\frac{169}{892}$	$\frac{241}{892}$	$\Phi_{892}^{2}\ \Phi_{446}^{2}\ \Phi_{223}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137870	1785	256	$\frac{11}{256}$	$\frac{1}{8}$	$\frac{49}{256}$	$\frac{69}{256}$	$\Phi_{256}^{7}\ \Phi_{128}^{7}\ \Phi_{64}^{7}\ \Phi_{32}^{7}\ \Phi_{16}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
137871	1785	148	$\frac{3}{148}$	$\frac{29}{148}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{148}^{12}\ \Phi_{74}^{12}\ \Phi_{37}^{12}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
137872	1785	608	$\frac{13}{608}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{608}^{3}\ \Phi_{304}^{3}\ \Phi_{152}^{3}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{32}^{3}\ \Phi_{19}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137873	1785	180	$\frac{1}{36}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}^{12}\ \Phi_{45}^{12}\ \Phi_{36}^{3}\ \Phi_{30}^{12}\ \Phi_{20}^{9}\ \Phi_{18}^{3}\ \Phi_{15}^{12}\ \Phi_{12}^{3}\ \Phi_{10}^{9}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{9}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137874	1785	88	$\frac{3}{88}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{88}^{21}\ \Phi_{44}^{21}\ \Phi_{22}^{21}\ \Phi_{11}^{21}\ \Phi_{8}^{12}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
137875	1785	112	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{27}{112}$	$\frac{1}{4}$	$\Phi_{112}^{21}\ \Phi_{56}^{9}\ \Phi_{28}^{12}\ \Phi_{16}^{21}\ \Phi_{14}^{12}\ \Phi_{8}^{12}\ \Phi_{7}^{12}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
137876	1785	576	$\frac{1}{36}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{576}^{4}\ \Phi_{288}^{4}\ \Phi_{192}^{4}\ \Phi_{96}^{4}\ \Phi_{64}^{3}\ \Phi_{36}^{3}\ \Phi_{32}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137877	1785	2200	$\frac{3}{88}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{200}\ \Phi_{88}\ \Phi_{44}\ \Phi_{25}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
137878	1785	260	$\frac{1}{26}$	$\frac{3}{20}$	$\frac{5}{26}$	$\frac{1}{4}$	$\Phi_{260}^{8}\ \Phi_{130}^{8}\ \Phi_{65}^{8}\ \Phi_{26}^{4}\ \Phi_{20}^{9}\ \Phi_{13}^{4}\ \Phi_{10}^{9}\ \Phi_{5}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
137879	1785	168	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{4}{21}$	$\frac{1}{4}$	$\Phi_{168}^{12}\ \Phi_{84}^{8}\ \Phi_{56}^{12}\ \Phi_{42}^{8}\ \Phi_{28}^{8}\ \Phi_{24}^{12}\ \Phi_{21}^{12}\ \Phi_{14}^{8}\ \Phi_{12}^{8}\ \Phi_{8}^{15}\ \Phi_{7}^{12}\ \Phi_{6}^{8}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{15}$
137880	1785	596	$\frac{31}{596}$	$\frac{69}{596}$	$\frac{113}{596}$	$\frac{1}{4}$	$\Phi_{596}^{3}\ \Phi_{298}^{3}\ \Phi_{149}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137881	1785	612	$\frac{1}{18}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{612}^{4}\ \Phi_{306}^{2}\ \Phi_{204}^{4}\ \Phi_{153}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{51}^{2}\ \Phi_{36}^{6}\ \Phi_{18}^{3}\ \Phi_{17}^{2}\ \Phi_{12}^{6}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
137882	1785	596	$\frac{29}{596}$	$\frac{81}{596}$	$\frac{103}{596}$	$\frac{1}{4}$	$\Phi_{596}^{3}\ \Phi_{298}^{3}\ \Phi_{149}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137883	1785	660	$\frac{1}{22}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{660}^{4}\ \Phi_{330}^{4}\ \Phi_{220}^{2}\ \Phi_{165}^{4}\ \Phi_{110}^{2}\ \Phi_{66}^{2}\ \Phi_{60}^{2}\ \Phi_{55}^{2}\ \Phi_{33}^{2}\ \Phi_{30}^{2}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
137884	1785	708	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{708}^{4}\ \Phi_{354}^{2}\ \Phi_{236}^{2}\ \Phi_{177}^{2}\ \Phi_{59}^{2}\ \Phi_{12}^{6}\ \Phi_{6}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
137885	1785	72	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{72}^{30}\ \Phi_{36}^{20}\ \Phi_{24}^{24}\ \Phi_{18}^{25}\ \Phi_{12}^{16}\ \Phi_{9}^{25}\ \Phi_{8}^{27}\ \Phi_{6}^{20}\ \Phi_{4}^{18}\ \Phi_{3}^{20}\ \Phi_{2}^{22}\ \Phi_{1}^{23}$
137886	1785	260	$\frac{3}{52}$	$\frac{7}{52}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{260}^{8}\ \Phi_{130}^{8}\ \Phi_{65}^{8}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{20}^{9}\ \Phi_{13}^{2}\ \Phi_{10}^{9}\ \Phi_{5}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137887	1785	80	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{80}^{28}\ \Phi_{40}^{24}\ \Phi_{20}^{25}\ \Phi_{16}^{7}\ \Phi_{10}^{25}\ \Phi_{8}^{6}\ \Phi_{5}^{25}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
137888	1785	780	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{780}^{3}\ \Phi_{390}^{3}\ \Phi_{260}^{2}\ \Phi_{195}^{3}\ \Phi_{130}^{2}\ \Phi_{65}^{2}\ \Phi_{60}^{3}\ \Phi_{39}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{13}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
137889	1785	728	$\frac{6}{91}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{728}^{3}\ \Phi_{364}^{2}\ \Phi_{182}^{2}\ \Phi_{104}^{3}\ \Phi_{91}^{3}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{13}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137890	1785	392	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{98}$	$\frac{1}{4}$	$\Phi_{392}^{6}\ \Phi_{196}^{4}\ \Phi_{98}^{5}\ \Phi_{49}^{5}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137891	1785	96	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{96}^{21}\ \Phi_{48}^{21}\ \Phi_{32}^{21}\ \Phi_{24}^{9}\ \Phi_{16}^{21}\ \Phi_{12}^{12}\ \Phi_{8}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{14}\ \Phi_{3}^{12}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
137892	1785	56	$\frac{5}{56}$	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{56}^{31}\ \Phi_{28}^{32}\ \Phi_{14}^{32}\ \Phi_{8}^{34}\ \Phi_{7}^{32}\ \Phi_{4}^{34}\ \Phi_{2}^{34}\ \Phi_{1}^{35}$
137893	1785	2800	$\frac{1}{28}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{27}{112}$	$\Phi_{2800}\ \Phi_{1400}\ \Phi_{400}\ \Phi_{200}\ \Phi_{112}\ \Phi_{56}\ \Phi_{25}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
137894	1785	768	$\frac{19}{192}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{173}{768}$	$\Phi_{768}^{3}\ \Phi_{384}^{3}\ \Phi_{256}^{3}\ \Phi_{128}^{3}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
137895	1785	128	$\frac{9}{128}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{7}{32}$	$\Phi_{128}^{15}\ \Phi_{64}^{15}\ \Phi_{32}^{11}\ \Phi_{16}^{11}\ \Phi_{8}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
137896	1785	704	$\frac{25}{352}$	$\frac{1}{8}$	$\frac{109}{704}$	$\frac{7}{32}$	$\Phi_{704}^{3}\ \Phi_{352}^{2}\ \Phi_{176}^{2}\ \Phi_{88}^{2}\ \Phi_{64}^{3}\ \Phi_{44}^{2}\ \Phi_{32}^{3}\ \Phi_{22}^{2}\ \Phi_{16}^{3}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
137897	1785	64	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{13}{64}$	$\Phi_{64}^{35}\ \Phi_{32}^{35}\ \Phi_{16}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
137898	1785	525	$\frac{1}{21}$	$\frac{4}{25}$	$\frac{4}{21}$	$\frac{1}{5}$	$\Phi_{525}^{4}\ \Phi_{175}^{4}\ \Phi_{75}^{4}\ \Phi_{25}^{5}\ \Phi_{21}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
137899	1785	935	$\frac{4}{55}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{5}$	$\Phi_{935}^{2}\ \Phi_{187}^{2}\ \Phi_{55}^{3}\ \Phi_{17}^{2}\ \Phi_{11}^{3}\ \Phi_{1}^{3}$
137900	1785	450	$\frac{1}{18}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{450}^{5}\ \Phi_{225}^{5}\ \Phi_{150}^{4}\ \Phi_{75}^{4}\ \Phi_{50}^{4}\ \Phi_{25}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
137901	1785	1320	$\frac{4}{55}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}^2\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{88}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
137902	1785	2275	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{2275}\ \Phi_{325}\ \Phi_{91}\ \Phi_{25}\ \Phi_{13}\ \Phi_1$
137903	1785	2450	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{2450}\ \Phi_{1225}\ \Phi_{98}\ \Phi_{49}\ \Phi_{25}\ \Phi_1$
137904	1785	2400	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{200}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
137905	1785	340	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{3}{20}$	$\frac{3}{17}$	$\Phi_{340}^6\ \Phi_{170}^4\ \Phi_{85}^4\ \Phi_{68}^6\ \Phi_{34}^4\ \Phi_{20}^9\ \Phi_{17}^6\ \Phi_{10}^6\ \Phi_5^6\ \Phi_4^9\ \Phi_2^6\ \Phi_1^9$
137906	1785	120	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{6}$	$\Phi_{120}^{20}\ \Phi_{60}^{14}\ \Phi_{40}^{10}\ \Phi_{30}^{16}\ \Phi_{24}^{22}\ \Phi_{20}^7\ \Phi_{15}^{16}\ \Phi_{12}^{16}\ \Phi_{10}^8\ \Phi_8^{11}\ \Phi_6^{17}\ \Phi_5^8\ \Phi_4^8\ \Phi_3^{17}\ \Phi_2^8\ \Phi_1^9$
137907	1786	1782	$\frac{2}{891}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{889}{1782}$	$\Phi_{1782}^2\ \Phi_{594}^2\ \Phi_{198}^2\ \Phi_{162}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137908	1786	1428	$\frac{1}{357}$	$\frac{179}{714}$	$\frac{535}{1428}$	$\frac{178}{357}$	$\Phi_{1428}^2\ \Phi_{476}^2\ \Phi_{357}\ \Phi_{204}^2\ \Phi_{119}\ \Phi_{84}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
137909	1786	3576	$\frac{1}{298}$	$\frac{299}{1192}$	$\frac{1}{3}$	$\frac{297}{596}$	$\Phi_{3576}\ \Phi_{894}\ \Phi_{447}\ \Phi_{24}\ \Phi_6$
137910	1786	1780	$\frac{3}{890}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{887}{1780}$	$\Phi_{1780}^2\ \Phi_{356}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
137911	1786	1530	$\frac{1}{255}$	$\frac{128}{765}$	$\frac{637}{1530}$	$\frac{127}{255}$	$\Phi_{1530}^2\ \Phi_{510}^2\ \Phi_{306}^2\ \Phi_{255}\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{90}^2\ \Phi_{85}\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137912	1786	1778	$\frac{4}{889}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{885}{1778}$	$\Phi_{1778}^2\ \Phi_{254}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
137913	1786	1776	$\frac{5}{888}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{883}{1776}$	$\Phi_{1776}^2\ \Phi_{592}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137914	1786	1666	$\frac{1}{119}$	$\frac{60}{833}$	$\frac{773}{1666}$	$\frac{59}{119}$	$\Phi_{1666}^2\ \Phi_{238}^2\ \Phi_{119}\ \Phi_{98}^2\ \Phi_{34}^2\ \Phi_{17}\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
137915	1786	1770	$\frac{8}{885}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{877}{1770}$	$\Phi_{1770}^2\ \Phi_{590}^2\ \Phi_{354}^2\ \Phi_{118}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137916	1786	1680	$\frac{1}{105}$	$\frac{53}{840}$	$\frac{787}{1680}$	$\frac{52}{105}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{112}^2\ \Phi_{105}\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
137917	1786	1260	$\frac{1}{105}$	$\frac{53}{420}$	$\frac{367}{1260}$	$\frac{52}{105}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
137918	1786	1050	$\frac{1}{105}$	$\frac{157}{1050}$	$\frac{53}{210}$	$\frac{52}{105}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{35}\ \Phi_{25}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
137919	1786	1768	$\frac{9}{884}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{875}{1768}$	$\Phi_{1768}^2\ \Phi_{136}^2\ \Phi_{104}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_1^2$
137920	1786	1116	$\frac{1}{93}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{46}{93}$	$\Phi_{1116}^3\ \Phi_{372}^3\ \Phi_{124}^3\ \Phi_{93}\ \Phi_{36}^4\ \Phi_{31}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
137921	1786	651	$\frac{1}{93}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{46}{93}$	$\Phi_{651}^3\ \Phi_{217}^3\ \Phi_{93}\ \Phi_{31}\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
137922	1786	837	$\frac{1}{93}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{46}{93}$	$\Phi_{837}^3\ \Phi_{93}\ \Phi_{31}\ \Phi_{27}^4\ \Phi_3\ \Phi_1^2$
137923	1786	744	$\frac{1}{93}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{46}{93}$	$\Phi_{744}^3\ \Phi_{372}^3\ \Phi_{248}^3\ \Phi_{124}^3\ \Phi_{93}\ \Phi_{31}\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
137924	1786	1700	$\frac{1}{85}$	$\frac{43}{850}$	$\frac{807}{1700}$	$\frac{42}{85}$	$\Phi_{1700}^2\ \Phi_{340}^2\ \Phi_{100}^2\ \Phi_{85}\ \Phi_{68}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
137925	1786	1275	$\frac{1}{85}$	$\frac{43}{425}$	$\frac{382}{1275}$	$\frac{42}{85}$	$\Phi_{1275}^2\ \Phi_{255}^2\ \Phi_{85}\ \Phi_{75}^2\ \Phi_{51}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
137926	1786	1020	$\frac{1}{85}$	$\frac{127}{1020}$	$\frac{43}{170}$	$\frac{42}{85}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{85}\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{51}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
137927	1786	1764	$\frac{11}{882}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{871}{1764}$	$\Phi_{1764}^2\ \Phi_{588}^2\ \Phi_{252}^2\ \Phi_{196}^2\ \Phi_{84}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
137928	1786	1764	$\frac{11}{882}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{871}{1764}$	$\Phi_{1764}^2\ \Phi_{588}^2\ \Phi_{252}^2\ \Phi_{196}^2\ \Phi_{84}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
137929	1786	1755	$\frac{31}{1755}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{862}{1755}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{27}\ \Phi_{15}\ \Phi_{13}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
137930	1786	1734	$\frac{1}{51}$	$\frac{26}{867}$	$\frac{841}{1734}$	$\frac{25}{51}$	$\Phi_{1734}^2\ \Phi_{578}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{17}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137931	1786	1750	$\frac{18}{875}$	$\frac{1}{35}$	$\frac{17}{35}$	$\frac{857}{1750}$	$\Phi_{1750}^2\ \Phi_{350}^2\ \Phi_{250}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{35}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
137932	1786	3404	$\frac{1}{46}$	$\frac{1}{37}$	$\frac{18}{37}$	$\frac{45}{92}$	$\Phi_{3404}\ \Phi_{148}\ \Phi_{92}^2\ \Phi_{37}\ \Phi_4^2\ \Phi_1^2$
137933	1786	1380	$\frac{1}{46}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{1380}^2\ \Phi_{690}^2\ \Phi_{345}^2\ \Phi_{276}\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
137934	1786	1200	$\frac{7}{300}$	$\frac{1}{15}$	$\frac{307}{1200}$	$\frac{293}{600}$	$\Phi_{1200}^2\ \Phi_{400}^2\ \Phi_{300}^2\ \Phi_{240}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137935	1786	1740	$\frac{23}{870}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{847}{1740}$	$\Phi_{1740}^2\ \Phi_{580}^2\ \Phi_{348}^2\ \Phi_{116}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137936	1786	2553	$\frac{1}{37}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{18}{37}$	$\Phi_{2553}\ \Phi_{111}\ \Phi_{69}^2\ \Phi_{37}\ \Phi_3^2\ \Phi_1^2$
137937	1786	1050	$\frac{1}{35}$	$\frac{18}{175}$	$\frac{157}{1050}$	$\frac{17}{35}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{150}^2\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
137938	1786	1736	$\frac{25}{868}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{843}{1736}$	$\Phi_{1736}^2\ \Phi_{248}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
137939	1786	273	$\frac{3}{91}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{44}{91}$	$\Phi_{273}^7\ \Phi_{91}^5\ \Phi_{39}^7\ \Phi_{21}^{10}\ \Phi_{13}^5\ \Phi_7^7\ \Phi_3^{10}\ \Phi_1^8$
137940	1786	1725	$\frac{61}{1725}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{832}{1725}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{345}\ \Phi_{115}\ \Phi_{75}^2\ \Phi_{69}\ \Phi_{25}^2\ \Phi_{23}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
137941	1786	1080	$\frac{7}{180}$	$\frac{1}{15}$	$\frac{187}{1080}$	$\frac{173}{360}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137942	1786	1170	$\frac{1}{39}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{1170}^3\ \Phi_{390}^3\ \Phi_{234}^3\ \Phi_{130}^3\ \Phi_{90}^2\ \Phi_{78}^3\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^3\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137943	1786	180	$\frac{2}{45}$	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{43}{90}$	$\Phi_{180}^{10}\ \Phi_{90}^8\ \Phi_{60}^{10}\ \Phi_{45}^{10}\ \Phi_{36}^{10}\ \Phi_{30}^8\ \Phi_{20}^{14}\ \Phi_{18}^8\ \Phi_{15}^{10}\ \Phi_{12}^{10}\ \Phi_{10}^{12}\ \Phi_9^{10}\ \Phi_6^8\ \Phi_5^{13}\ \Phi_4^{14}\ \Phi_3^{10}\ \Phi_2^{12}\ \Phi_1^{14}$
137944	1786	90	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{43}{90}$	$\Phi_{90}^{38}\ \Phi_{45}^2\ \Phi_{30}^{38}\ \Phi_{18}^{38}\ \Phi_{15}\ \Phi_{10}^{38}\ \Phi_9^2\ \Phi_6^{38}\ \Phi_5\ \Phi_3\ \Phi_2^{38}\ \Phi_1^2$
137945	1786	1323	$\frac{11}{441}$	$\frac{1}{21}$	$\frac{430}{1323}$	$\frac{10}{21}$	$\Phi_{1323}^2\ \Phi_{189}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
137946	1786	924	$\frac{31}{924}$	$\frac{1}{21}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
137947	1786	1176	$\frac{11}{294}$	$\frac{1}{21}$	$\frac{283}{1176}$	$\frac{10}{21}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{392}^2\ \Phi_{196}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
137948	1786	945	$\frac{1}{21}$	$\frac{52}{945}$	$\frac{11}{63}$	$\frac{10}{21}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
137949	1786	1029	$\frac{1}{21}$	$\frac{11}{147}$	$\frac{136}{1029}$	$\frac{10}{21}$	$\Phi_{1029}^2\ \Phi_{343}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
137950	1786	1008	$\frac{1}{21}$	$\frac{11}{126}$	$\frac{115}{1008}$	$\frac{10}{21}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
137951	1786	1140	$\frac{1}{20}$	$\frac{1}{19}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}\ \Phi_{285}^2\ \Phi_{228}^2\ \Phi_{190}\ \Phi_{114}^2\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}^2\ \Phi_{38}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2$
137952	1786	144	$\frac{1}{48}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{144}^{12}\ \Phi_{72}^{12}\ \Phi_{48}^{14}\ \Phi_{36}^{10}\ \Phi_{24}^{14}\ \Phi_{18}^{12}\ \Phi_{16}^{14}\ \Phi_{12}^{12}\ \Phi_9^{12}\ \Phi_8^{14}\ \Phi_6^{14}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
137953	1786	1116	$\frac{1}{31}$	$\frac{1}{18}$	$\frac{15}{62}$	$\frac{17}{36}$	$\Phi_{1116}^3\ \Phi_{372}^3\ \Phi_{124}^3\ \Phi_{62}^2\ \Phi_{36}^4\ \Phi_{31}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
137954	1786	1326	$\frac{9}{442}$	$\frac{1}{17}$	$\frac{433}{1326}$	$\frac{8}{17}$	$\Phi_{1326}^2\ \Phi_{663}^2\ \Phi_{102}^2\ \Phi_{78}^2\ \Phi_{51}^2\ \Phi_{39}^2\ \Phi_{17}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
137955	1786	918	$\frac{25}{918}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{54}^2\ \Phi_{51}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
137956	1786	1105	$\frac{9}{221}$	$\frac{1}{17}$	$\frac{212}{1105}$	$\frac{8}{17}$	$\Phi_{1105}^2\ \Phi_{85}^2\ \Phi_{65}^2\ \Phi_{17}\ \Phi_5^2\ \Phi_1^2$
137957	1786	952	$\frac{1}{17}$	$\frac{59}{952}$	$\frac{9}{68}$	$\frac{8}{17}$	$\Phi_{952}^2\ \Phi_{476}^2\ \Phi_{238}^2\ \Phi_{136}^2\ \Phi_{119}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{17}\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_1^2$
137958	1786	1683	$\frac{1}{51}$	$\frac{103}{1683}$	$\frac{50}{153}$	$\frac{790}{1683}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}^2\ \Phi_{99}\ \Phi_{51}\ \Phi_{33}\ \Phi_{17}\ \Phi_{11}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
137959	1786	2496	$\frac{1}{39}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{192}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{26}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
137960	1786	1680	$\frac{1}{35}$	$\frac{53}{840}$	$\frac{17}{70}$	$\frac{787}{1680}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{48}^2\ \Phi_{35}\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
137961	1786	1680	$\frac{3}{56}$	$\frac{53}{840}$	$\frac{1}{7}$	$\frac{787}{1680}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
137962	1786	1680	$\frac{53}{840}$	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{787}{1680}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137963	1786	3432	$\frac{1}{39}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{264}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
137964	1786	624	$\frac{1}{48}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{48}^2\ \Phi_{39}^3\ \Phi_{26}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
137965	1786	1224	$\frac{1}{51}$	$\frac{25}{306}$	$\frac{331}{1224}$	$\frac{281}{612}$	$\Phi_{1224}^2\ \Phi_{408}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{72}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137966	1786	1650	$\frac{1}{15}$	$\frac{68}{825}$	$\frac{7}{75}$	$\frac{757}{1650}$	$\Phi_{1650}^2\ \Phi_{550}^2\ \Phi_{330}^2\ \Phi_{150}^2\ \Phi_{110}^2\ \Phi_{75}^2\ \Phi_{66}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{22}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137967	1786	245	$\frac{2}{49}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{245}^7\ \Phi_{49}^{10}\ \Phi_{35}^5\ \Phi_7^7\ \Phi_5^5\ \Phi_1^8$
137968	1786	1632	$\frac{1}{51}$	$\frac{77}{816}$	$\frac{25}{102}$	$\frac{739}{1632}$	$\Phi_{1632}^2\ \Phi_{544}^2\ \Phi_{102}^2\ \Phi_{96}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{32}^2\ \Phi_{17}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137969	1786	1620	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{83}{810}$	$\frac{727}{1620}$	$\Phi_{1620}^2\ \Phi_{540}^2\ \Phi_{324}^2\ \Phi_{180}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137970	1786	960	$\frac{1}{15}$	$\frac{67}{960}$	$\frac{7}{60}$	$\frac{53}{120}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137971	1786	1092	$\frac{1}{39}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{1092}^3\ \Phi_{364}^3\ \Phi_{156}^3\ \Phi_{84}^2\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{39}^2\ \Phi_{28}^2\ \Phi_{26}^3\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137972	1786	84	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{5}{42}$	$\frac{37}{84}$	$\Phi_{84}^{38}\ \Phi_{28}^{38}\ \Phi_{21}^9\ \Phi_{12}^{38}\ \Phi_7^9\ \Phi_4^{38}\ \Phi_3^9\ \Phi_1^{10}$
137973	1786	1575	$\frac{1}{105}$	$\frac{211}{1575}$	$\frac{104}{315}$	$\frac{682}{1575}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}^2\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
137974	1786	1575	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{211}{1575}$	$\frac{682}{1575}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}^2\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{25}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
137975	1786	1568	$\frac{3}{112}$	$\frac{109}{784}$	$\frac{1}{7}$	$\frac{675}{1568}$	$\Phi_{1568}^2\ \Phi_{224}^2\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
137976	1786	147	$\frac{2}{49}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{147}^{14}\ \Phi_{49}^{10}\ \Phi_{21}^{10}\ \Phi_7^7\ \Phi_3^{10}\ \Phi_1^8$
137977	1786	1260	$\frac{1}{105}$	$\frac{52}{315}$	$\frac{367}{1260}$	$\frac{263}{630}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
137978	1786	900	$\frac{7}{900}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137979	1786	1530	$\frac{1}{51}$	$\frac{25}{153}$	$\frac{128}{765}$	$\frac{637}{1530}$	$\Phi_{1530}^2\ \Phi_{510}^2\ \Phi_{306}^2\ \Phi_{170}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{90}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137980	1786	3120	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{312}\ \Phi_{240}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{26}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
137981	1786	3040	$\frac{1}{95}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{380}\ \Phi_{190}\ \Phi_{160}\ \Phi_{76}\ \Phi_{38}\ \Phi_{20}\ \Phi_{10}$
137982	1786	1500	$\frac{7}{150}$	$\frac{1}{15}$	$\frac{143}{750}$	$\frac{607}{1500}$	$\Phi_{1500}^2\ \Phi_{500}^2\ \Phi_{300}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137983	1786	4470	$\frac{1}{149}$	$\frac{148}{745}$	$\frac{1}{3}$	$\frac{597}{1490}$	$\Phi_{4470}\ \Phi_{894}\ \Phi_{447}\ \Phi_{30}\ \Phi_6$
137984	1786	1335	$\frac{3}{445}$	$\frac{1}{5}$	$\frac{442}{1335}$	$\frac{2}{5}$	$\Phi_{1335}^2\ \Phi_{267}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
137985	1786	900	$\frac{7}{900}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
137986	1786	100	$\frac{1}{20}$	$\frac{3}{50}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{100}^{20}\ \Phi_{50}^{18}\ \Phi_{25}^{18}\ \Phi_{20}^{14}\ \Phi_{10}^{12}\ \Phi_5^{13}\ \Phi_4^{14}\ \Phi_2^{12}\ \Phi_1^{14}$
137987	1786	380	$\frac{1}{20}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{29}{76}$	$\Phi_{380}^5\ \Phi_{190}^5\ \Phi_{95}^5\ \Phi_{76}^3\ \Phi_{38}^5\ \Phi_{20}^4\ \Phi_{19}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
137988	1786	1440	$\frac{7}{180}$	$\frac{1}{15}$	$\frac{173}{720}$	$\frac{547}{1440}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}^2\ \Phi_{180}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137989	1786	980	$\frac{1}{35}$	$\frac{87}{980}$	$\frac{17}{70}$	$\frac{53}{140}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{245}^2\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{49}^2\ \Phi_{35}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
137990	1786	1020	$\frac{1}{51}$	$\frac{127}{1020}$	$\frac{25}{102}$	$\frac{77}{204}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{60}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
137991	1786	2280	$\frac{1}{95}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}\ \Phi_{120}\ \Phi_{114}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{38}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
137992	1786	1428	$\frac{1}{119}$	$\frac{59}{238}$	$\frac{179}{714}$	$\frac{535}{1428}$	$\Phi_{1428}^2\ \Phi_{476}^2\ \Phi_{238}^2\ \Phi_{204}^2\ \Phi_{119}\ \Phi_{84}^2\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{28}^2\ \Phi_{17}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
137993	1786	570	$\frac{1}{95}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{570}^{5}\,\Phi_{190}^{5}\,\Phi_{114}^{5}\,\Phi_{95}^{4}\,\Phi_{38}^{5}\,\Phi_{30}^{4}\,\Phi_{19}^{4}\,\Phi_{10}^{4}\,\Phi_{6}^{4}\,\Phi_{5}^{3}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
137994	1786	1377	$\frac{1}{51}$	$\frac{50}{459}$	$\frac{409}{1377}$	$\frac{484}{1377}$	$\Phi_{1377}\,\Phi_{459}^{2}\,\Phi_{153}^{2}\,\Phi_{81}\,\Phi_{51}\,\Phi_{27}^{2}\,\Phi_{17}\,\Phi_{9}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
137995	1786	936	$\frac{1}{39}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{936}^{3}\,\Phi_{312}^{3}\,\Phi_{156}^{3}\,\Phi_{104}^{3}\,\Phi_{78}^{3}\,\Phi_{72}^{2}\,\Phi_{52}^{3}\,\Phi_{39}^{2}\,\Phi_{26}^{3}\,\Phi_{24}^{2}\,\Phi_{13}^{2}\,\Phi_{12}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
137996	1786	1365	$\frac{1}{35}$	$\frac{34}{455}$	$\frac{421}{1365}$	$\frac{472}{1365}$	$\Phi_{1365}\,\Phi_{455}^{2}\,\Phi_{273}\,\Phi_{195}\,\Phi_{105}\,\Phi_{91}^{2}\,\Phi_{65}^{2}\,\Phi_{39}\,\Phi_{35}\,\Phi_{21}\,\Phi_{15}\,\Phi_{13}^{2}\,\Phi_{7}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$
137997	1786	1350	$\frac{7}{225}$	$\frac{1}{15}$	$\frac{218}{675}$	$\frac{457}{1350}$	$\Phi_{1350}^{2}\,\Phi_{450}^{2}\,\Phi_{270}^{2}\,\Phi_{225}^{2}\,\Phi_{150}^{2}\,\Phi_{90}^{2}\,\Phi_{75}^{2}\,\Phi_{54}^{2}\,\Phi_{50}^{2}\,\Phi_{45}^{2}\,\Phi_{30}^{2}\,\Phi_{25}^{2}\,\Phi_{18}^{2}\,\Phi_{15}\,\Phi_{10}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{5}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
137998	1786	1344	$\frac{3}{224}$	$\frac{1}{7}$	$\frac{221}{672}$	$\frac{451}{1344}$	$\Phi_{1344}^{2}\,\Phi_{448}^{2}\,\Phi_{224}^{2}\,\Phi_{192}^{2}\,\Phi_{112}^{2}\,\Phi_{64}^{2}\,\Phi_{56}^{2}\,\Phi_{32}^{2}\,\Phi_{28}^{2}\,\Phi_{16}^{2}\,\Phi_{14}^{2}\,\Phi_{8}^{2}\,\Phi_{7}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
137999	1786	1341	$\frac{2}{447}$	$\frac{445}{1341}$	$\frac{1}{3}$	$\frac{448}{1341}$	$\Phi_{1341}\,\Phi_{447}^{2}\,\Phi_{149}^{2}\,\Phi_{9}\,\Phi_{3}\,\Phi_{1}^{2}$
138000	1786	1188	$\frac{2}{297}$	$\frac{295}{1188}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1188}^{2}\,\Phi_{594}^{2}\,\Phi_{396}^{2}\,\Phi_{198}^{2}\,\Phi_{132}^{2}\,\Phi_{108}^{2}\,\Phi_{66}^{2}\,\Phi_{54}^{2}\,\Phi_{44}^{2}\,\Phi_{36}^{2}\,\Phi_{22}^{2}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
138001	1786	900	$\frac{7}{900}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{900}^{2}\,\Phi_{450}^{2}\,\Phi_{300}^{2}\,\Phi_{225}^{2}\,\Phi_{180}^{2}\,\Phi_{150}^{2}\,\Phi_{100}^{2}\,\Phi_{90}^{2}\,\Phi_{75}^{2}\,\Phi_{60}^{2}\,\Phi_{50}^{2}\,\Phi_{45}^{2}\,\Phi_{36}^{2}\,\Phi_{30}^{2}\,\Phi_{25}^{2}\,\Phi_{20}^{2}\,\Phi_{18}^{2}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{10}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
138002	1786	990	$\frac{2}{99}$	$\frac{97}{990}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{990}^{2}\,\Phi_{495}^{2}\,\Phi_{330}^{2}\,\Phi_{198}^{2}\,\Phi_{165}^{2}\,\Phi_{110}^{2}\,\Phi_{90}^{2}\,\Phi_{66}^{2}\,\Phi_{55}^{2}\,\Phi_{45}^{2}\,\Phi_{30}^{2}\,\Phi_{22}^{2}\,\Phi_{18}^{2}\,\Phi_{15}^{2}\,\Phi_{10}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
138003	1786	336	$\frac{1}{48}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{336}^{6}\,\Phi_{168}^{6}\,\Phi_{112}^{6}\,\Phi_{84}^{6}\,\Phi_{56}^{6}\,\Phi_{48}^{2}\,\Phi_{42}^{6}\,\Phi_{28}^{6}\,\Phi_{24}^{2}\,\Phi_{21}^{4}\,\Phi_{16}^{2}\,\Phi_{14}^{6}\,\Phi_{12}^{2}\,\Phi_{8}^{2}\,\Phi_{7}^{4}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
138004	1786	972	$\frac{2}{81}$	$\frac{79}{972}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{972}^{2}\,\Phi_{486}^{2}\,\Phi_{324}^{2}\,\Phi_{243}^{2}\,\Phi_{162}^{2}\,\Phi_{108}^{2}\,\Phi_{54}^{2}\,\Phi_{36}^{2}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
138005	1786	918	$\frac{25}{918}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{918}^{2}\,\Phi_{459}^{2}\,\Phi_{306}^{2}\,\Phi_{153}^{2}\,\Phi_{102}^{2}\,\Phi_{54}^{2}\,\Phi_{51}^{2}\,\Phi_{34}^{2}\,\Phi_{18}^{2}\,\Phi_{17}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
138006	1786	924	$\frac{31}{924}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{924}^{2}\,\Phi_{462}^{2}\,\Phi_{308}^{2}\,\Phi_{231}^{2}\,\Phi_{154}^{2}\,\Phi_{132}^{2}\,\Phi_{84}^{2}\,\Phi_{77}^{2}\,\Phi_{66}^{2}\,\Phi_{44}^{2}\,\Phi_{42}^{2}\,\Phi_{28}^{2}\,\Phi_{22}^{2}\,\Phi_{21}^{2}\,\Phi_{14}^{2}\,\Phi_{12}^{2}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
138007	1786	1332	$\frac{5}{444}$	$\frac{1}{6}$	$\frac{439}{1332}$	$\frac{1}{3}$	$\Phi_{1332}^{2}\,\Phi_{666}^{2}\,\Phi_{333}^{2}\,\Phi_{36}^{2}\,\Phi_{18}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
138008	1786	1380	$\frac{1}{23}$	$\frac{1}{20}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{1380}\,\Phi_{690}\,\Phi_{460}^{2}\,\Phi_{345}\,\Phi_{276}\,\Phi_{230}^{2}\,\Phi_{138}\,\Phi_{115}^{2}\,\Phi_{92}^{2}\,\Phi_{60}^{2}\,\Phi_{46}^{2}\,\Phi_{30}^{2}\,\Phi_{20}^{2}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{10}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}$
138009	1786	432	$\frac{1}{48}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{432}^{6}\,\Phi_{216}^{6}\,\Phi_{108}^{6}\,\Phi_{54}^{6}\,\Phi_{48}^{2}\,\Phi_{27}^{4}\,\Phi_{24}^{2}\,\Phi_{16}^{2}\,\Phi_{12}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
138010	1786	1302	$\frac{1}{31}$	$\frac{2}{21}$	$\frac{15}{62}$	$\frac{1}{3}$	$\Phi_{1302}^{2}\,\Phi_{651}\,\Phi_{434}^{2}\,\Phi_{217}\,\Phi_{62}^{2}\,\Phi_{42}^{2}\,\Phi_{31}\,\Phi_{21}^{2}\,\Phi_{14}^{2}\,\Phi_{7}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
138011	1786	720	$\frac{1}{48}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{720}^{3}\,\Phi_{360}^{3}\,\Phi_{240}^{3}\,\Phi_{180}^{3}\,\Phi_{120}^{3}\,\Phi_{90}^{3}\,\Phi_{80}^{3}\,\Phi_{60}^{3}\,\Phi_{48}^{2}\,\Phi_{45}^{2}\,\Phi_{40}^{3}\,\Phi_{30}^{3}\,\Phi_{24}^{2}\,\Phi_{20}^{3}\,\Phi_{16}^{2}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{10}^{3}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
138012	1786	702	$\frac{1}{39}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{702}^{3}\,\Phi_{351}^{3}\,\Phi_{234}^{3}\,\Phi_{78}^{3}\,\Phi_{54}^{2}\,\Phi_{39}^{2}\,\Phi_{27}^{3}\,\Phi_{26}^{3}\,\Phi_{18}^{2}\,\Phi_{13}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
138013	1786	780	$\frac{1}{39}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{780}^{3}\,\Phi_{390}^{3}\,\Phi_{260}^{3}\,\Phi_{156}^{3}\,\Phi_{130}^{3}\,\Phi_{78}^{3}\,\Phi_{60}^{2}\,\Phi_{52}^{3}\,\Phi_{39}^{2}\,\Phi_{30}^{2}\,\Phi_{26}^{3}\,\Phi_{20}^{2}\,\Phi_{13}^{2}\,\Phi_{12}^{2}\,\Phi_{10}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
138014	1786	48	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{48}^{38}\,\Phi_{24}^{36}\,\Phi_{16}^{38}\,\Phi_{12}^{36}\,\Phi_{8}^{36}\,\Phi_{6}^{38}\,\Phi_{4}^{36}\,\Phi_{3}^{37}\,\Phi_{2}^{38}\,\Phi_{1}^{38}$
138015	1786	1110	$\frac{5}{222}$	$\frac{1}{6}$	$\frac{217}{1110}$	$\frac{1}{3}$	$\Phi_{1110}^{2}\,\Phi_{555}^{2}\,\Phi_{370}^{2}\,\Phi_{185}^{2}\,\Phi_{30}^{2}\,\Phi_{15}^{2}\,\Phi_{10}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
138016	1786	1008	$\frac{3}{56}$	$\frac{115}{1008}$	$\frac{1}{7}$	$\frac{53}{168}$	$\Phi_{1008}^{2}\,\Phi_{504}^{2}\,\Phi_{336}^{2}\,\Phi_{252}^{2}\,\Phi_{144}^{2}\,\Phi_{126}^{2}\,\Phi_{112}^{2}\,\Phi_{72}^{2}\,\Phi_{63}^{2}\,\Phi_{56}^{2}\,\Phi_{48}^{2}\,\Phi_{36}^{2}\,\Phi_{28}^{2}\,\Phi_{18}^{2}\,\Phi_{16}^{2}\,\Phi_{14}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{7}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
138017	1786	273	$\frac{6}{91}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{85}{273}$	$\Phi_{273}^{6}\,\Phi_{91}^{7}\,\Phi_{39}^{6}\,\Phi_{21}^{9}\,\Phi_{13}^{7}\,\Phi_{7}^{9}\,\Phi_{3}^{9}\,\Phi_{1}^{10}$
138018	1786	1170	$\frac{31}{585}$	$\frac{1}{15}$	$\frac{277}{1170}$	$\frac{14}{45}$	$\Phi_{1170}^{2}\,\Phi_{585}\,\Phi_{390}^{2}\,\Phi_{234}^{2}\,\Phi_{195}\,\Phi_{130}^{2}\,\Phi_{117}\,\Phi_{90}^{2}\,\Phi_{78}^{2}\,\Phi_{65}\,\Phi_{45}^{2}\,\Phi_{39}\,\Phi_{30}^{2}\,\Phi_{26}^{2}\,\Phi_{18}^{2}\,\Phi_{15}\,\Phi_{13}\,\Phi_{10}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{5}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
138019	1786	945	$\frac{52}{945}$	$\frac{1}{15}$	$\frac{31}{135}$	$\frac{14}{45}$	$\Phi_{945}^{2}\,\Phi_{315}^{2}\,\Phi_{189}^{2}\,\Phi_{135}\,\Phi_{105}^{2}\,\Phi_{63}^{2}\,\Phi_{45}^{2}\,\Phi_{35}^{2}\,\Phi_{27}\,\Phi_{21}^{2}\,\Phi_{15}\,\Phi_{9}^{2}\,\Phi_{7}^{2}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$
138020	1786	1080	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{187}{1080}$	$\frac{83}{270}$	$\Phi_{1080}^{2}\,\Phi_{540}^{2}\,\Phi_{360}^{2}\,\Phi_{216}^{2}\,\Phi_{180}^{2}\,\Phi_{120}^{2}\,\Phi_{108}^{2}\,\Phi_{90}^{2}\,\Phi_{72}^{2}\,\Phi_{60}^{2}\,\Phi_{45}^{2}\,\Phi_{40}^{2}\,\Phi_{36}^{2}\,\Phi_{30}^{2}\,\Phi_{24}^{2}\,\Phi_{20}^{2}\,\Phi_{18}^{2}\,\Phi_{15}\,\Phi_{12}^{2}\,\Phi_{10}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{5}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
138021	1786	540	$\frac{1}{20}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{135}$	$\Phi_{540}^{5}\ \Phi_{270}^{5}\ \Phi_{135}^{4}\ \Phi_{108}^{5}\ \Phi_{54}^{5}\ \Phi_{27}^{4}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
138022	1786	1674	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{15}{62}$	$\frac{8}{27}$	$\Phi_{1674}^{2}\ \Phi_{837}\ \Phi_{62}^{2}\ \Phi_{54}^{2}\ \Phi_{31}\ \Phi_{27}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
138023	1786	1260	$\frac{1}{35}$	$\frac{53}{420}$	$\frac{17}{70}$	$\frac{367}{1260}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{252}^{2}\ \Phi_{180}^{2}\ \Phi_{126}^{2}\ \Phi_{90}^{2}\ \Phi_{70}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{35}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
138024	1786	1260	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{53}{420}$	$\frac{367}{1260}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{252}^{2}\ \Phi_{180}^{2}\ \Phi_{126}^{2}\ \Phi_{90}^{2}\ \Phi_{63}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
138025	1786	1224	$\frac{1}{51}$	$\frac{77}{408}$	$\frac{25}{102}$	$\frac{331}{1224}$	$\Phi_{1224}^{2}\ \Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{153}^{2}\ \Phi_{102}^{2}\ \Phi_{72}^{2}\ \Phi_{51}\ \Phi_{36}^{2}\ \Phi_{34}^{2}\ \Phi_{18}^{2}\ \Phi_{17}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
138026	1786	420	$\frac{1}{20}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{140}^{5}\ \Phi_{105}^{4}\ \Phi_{84}^{5}\ \Phi_{70}^{5}\ \Phi_{42}^{5}\ \Phi_{35}^{4}\ \Phi_{28}^{5}\ \Phi_{21}^{4}\ \Phi_{20}^{4}\ \Phi_{14}^{5}\ \Phi_{10}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
138027	1786	924	$\frac{31}{924}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{231}^{2}\ \Phi_{154}^{2}\ \Phi_{132}^{2}\ \Phi_{84}^{2}\ \Phi_{77}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{28}^{2}\ \Phi_{22}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
138028	1786	63	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{5}{21}$	$\frac{16}{63}$	$\Phi_{63}^{38}\ \Phi_{21}^{9}\ \Phi_{9}^{38}\ \Phi_{7}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
138029	1786	1050	$\frac{1}{35}$	$\frac{157}{1050}$	$\frac{17}{70}$	$\frac{53}{210}$	$\Phi_{1050}^{2}\ \Phi_{525}^{2}\ \Phi_{350}^{2}\ \Phi_{175}^{2}\ \Phi_{150}^{2}\ \Phi_{75}^{2}\ \Phi_{70}^{2}\ \Phi_{50}^{2}\ \Phi_{35}\ \Phi_{25}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
138030	1786	1120	$\frac{1}{35}$	$\frac{53}{280}$	$\frac{227}{1120}$	$\frac{17}{70}$	$\Phi_{1120}^{2}\ \Phi_{560}^{2}\ \Phi_{224}^{2}\ \Phi_{160}^{2}\ \Phi_{112}^{2}\ \Phi_{80}^{2}\ \Phi_{70}^{2}\ \Phi_{35}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
138031	1786	744	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{15}{62}$	$\Phi_{744}^{3}\ \Phi_{372}^{3}\ \Phi_{248}^{3}\ \Phi_{124}^{3}\ \Phi_{62}^{2}\ \Phi_{31}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
138032	1786	1176	$\frac{11}{294}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{283}{1176}$	$\Phi_{1176}^{2}\ \Phi_{588}^{2}\ \Phi_{392}^{2}\ \Phi_{196}^{2}\ \Phi_{168}^{2}\ \Phi_{84}^{2}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
138033	1786	60	$\frac{1}{20}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{60}^{28}\ \Phi_{30}^{28}\ \Phi_{20}^{32}\ \Phi_{15}^{30}\ \Phi_{12}^{28}\ \Phi_{10}^{32}\ \Phi_{6}^{28}\ \Phi_{5}^{33}\ \Phi_{4}^{32}\ \Phi_{3}^{30}\ \Phi_{2}^{32}\ \Phi_{1}^{34}$
138034	1786	180	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{7}{45}$	$\frac{13}{60}$	$\Phi_{180}^{15}\ \Phi_{90}^{15}\ \Phi_{60}^{8}\ \Phi_{45}^{2}\ \Phi_{36}^{15}\ \Phi_{30}^{8}\ \Phi_{20}^{8}\ \Phi_{18}^{15}\ \Phi_{15}\ \Phi_{12}^{8}\ \Phi_{10}^{8}\ \Phi_{9}^{2}\ \Phi_{6}^{8}\ \Phi_{5}\ \Phi_{4}^{8}\ \Phi_{3}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
138035	1786	1008	$\frac{11}{126}$	$\frac{115}{1008}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{252}^{2}\ \Phi_{168}^{2}\ \Phi_{144}^{2}\ \Phi_{112}^{2}\ \Phi_{84}^{2}\ \Phi_{72}^{2}\ \Phi_{56}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
138036	1786	980	$\frac{87}{980}$	$\frac{11}{98}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{980}^{2}\ \Phi_{490}^{2}\ \Phi_{245}^{2}\ \Phi_{196}^{2}\ \Phi_{140}^{2}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
138037	1786	1120	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{53}{280}$	$\frac{227}{1120}$	$\Phi_{1120}^{2}\ \Phi_{560}^{2}\ \Phi_{224}^{2}\ \Phi_{160}^{2}\ \Phi_{112}^{2}\ \Phi_{80}^{2}\ \Phi_{56}^{2}\ \Phi_{32}^{2}\ \Phi_{28}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
138038	1787	3384	$\frac{1}{94}$	$\frac{95}{1692}$	$\frac{1597}{3384}$	$\frac{93}{188}$	$\Phi_{3384}\ \Phi_{1128}\ \Phi_{376}\ \Phi_{188}\ \Phi_{72}\ \Phi_{24}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
138039	1787	2256	$\frac{1}{94}$	$\frac{95}{564}$	$\frac{469}{2256}$	$\frac{93}{188}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{752}\ \Phi_{376}\ \Phi_{188}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
138040	1787	3496	$\frac{39}{1748}$	$\frac{1}{38}$	$\frac{37}{76}$	$\frac{1709}{3496}$	$\Phi_{3496}\ \Phi_{184}\ \Phi_{152}\ \Phi_{76}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
138041	1787	3420	$\frac{1}{38}$	$\frac{77}{1710}$	$\frac{37}{114}$	$\frac{1633}{3420}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{228}\ \Phi_{180}\ \Phi_{114}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
138042	1787	3420	$\frac{77}{1710}$	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{1633}{3420}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{228}\ \Phi_{180}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
138043	1787	2166	$\frac{18}{361}$	$\frac{1}{19}$	$\frac{379}{2166}$	$\frac{343}{722}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{361}\ \Phi_{114}\ \Phi_{57}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
138044	1787	3384	$\frac{1}{47}$	$\frac{95}{1692}$	$\frac{46}{141}$	$\frac{1597}{3384}$	$\Phi_{3384}\ \Phi_{1128}\ \Phi_{376}\ \Phi_{141}\ \Phi_{72}\ \Phi_{24}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
138045	1787	2432	$\frac{1}{38}$	$\frac{37}{608}$	$\frac{645}{2432}$	$\frac{571}{1216}$	$\Phi_{2432}\ \Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{128}\ \Phi_{76}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
138046	1787	3344	$\frac{1}{38}$	$\frac{115}{1672}$	$\frac{37}{152}$	$\frac{1557}{3344}$	$\Phi_{3344}\ \Phi_{304}\ \Phi_{176}\ \Phi_{152}\ \Phi_{76}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
138047	1787	2444	$\frac{1}{47}$	$\frac{46}{611}$	$\frac{657}{2444}$	$\frac{565}{1222}$	$\Phi_{2444}\ \Phi_{611}\ \Phi_{188}\ \Phi_{52}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
138048	1787	3192	$\frac{1}{38}$	$\frac{191}{1596}$	$\frac{37}{228}$	$\frac{1405}{3192}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{228}\ \Phi_{168}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{56}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
138049	1787	3040	$\frac{1}{38}$	$\frac{37}{304}$	$\frac{267}{1520}$	$\frac{1253}{3040}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{304}\ \Phi_{160}\ \Phi_{152}\ \Phi_{76}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
138050	1787	3008	$\frac{1}{94}$	$\frac{283}{1504}$	$\frac{93}{376}$	$\frac{1221}{3008}$	$\Phi_{3008}\ \Phi_{376}\ \Phi_{188}\ \Phi_{64}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
138051	1787	1900	$\frac{1}{19}$	$\frac{113}{1900}$	$\frac{18}{95}$	$\frac{77}{190}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{475}\ \Phi_{380}\ \Phi_{100}\ \Phi_{95}\ \Phi_{76}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
138052	1787	2888	$\frac{18}{361}$	$\frac{1}{19}$	$\frac{343}{1444}$	$\frac{1101}{2888}$	$\Phi_{2888}\ \Phi_{361}\ \Phi_{152}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
138053	1787	2256	$\frac{1}{94}$	$\frac{469}{2256}$	$\frac{93}{376}$	$\frac{283}{752}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{564}\ \Phi_{376}\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
138054	1787	2820	$\frac{1}{94}$	$\frac{93}{470}$	$\frac{377}{1410}$	$\frac{1033}{2820}$	$\Phi_{2820}\ \Phi_{940}\ \Phi_{564}\ \Phi_{470}\ \Phi_{235}\ \Phi_{188}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
138055	1787	2736	$\frac{1}{38}$	$\frac{37}{456}$	$\frac{419}{1368}$	$\frac{949}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{144}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
138056	1787	1974	$\frac{1}{47}$	$\frac{187}{1974}$	$\frac{46}{141}$	$\frac{95}{282}$	$\Phi_{1974}\ \Phi_{987}\ \Phi_{658}\ \Phi_{329}\ \Phi_{141}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_3\ \Phi_1$
138057	1787	2538	$\frac{1}{47}$	$\frac{95}{846}$	$\frac{751}{2538}$	$\frac{46}{141}$	$\Phi_{2538}\ \Phi_{1269}\ \Phi_{141}\ \Phi_{54}\ \Phi_{27}\ \Phi_3\ \Phi_1$
138058	1787	2115	$\frac{1}{47}$	$\frac{328}{2115}$	$\frac{95}{423}$	$\frac{46}{141}$	$\Phi_{2115}\ \Phi_{705}\ \Phi_{235}\ \Phi_{141}\ \Phi_{45}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1$
138059	1787	2256	$\frac{1}{47}$	$\frac{95}{564}$	$\frac{469}{2256}$	$\frac{46}{141}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{752}\ \Phi_{376}\ \Phi_{141}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_3\ \Phi_1$
138060	1787	2052	$\frac{1}{38}$	$\frac{265}{2052}$	$\frac{77}{342}$	$\frac{37}{114}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{513}\ \Phi_{228}\ \Phi_{114}\ \Phi_{108}\ \Phi_{76}\ \Phi_{57}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
138061	1787	2280	$\frac{1}{38}$	$\frac{77}{570}$	$\frac{493}{2280}$	$\frac{37}{114}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{456}\ \Phi_{380}\ \Phi_{228}\ \Phi_{152}\ \Phi_{120}\ \Phi_{114}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
138062	1787	2565	$\frac{1}{19}$	$\frac{77}{855}$	$\frac{18}{95}$	$\frac{778}{2565}$	$\Phi_{2565}\ \Phi_{513}\ \Phi_{135}\ \Phi_{95}\ \Phi_{27}\ \Phi_5\ \Phi_1$
138063	1787	1995	$\frac{1}{19}$	$\frac{208}{1995}$	$\frac{18}{95}$	$\frac{77}{285}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{133}\ \Phi_{105}\ \Phi_{95}\ \Phi_{35}\ \Phi_{21}\ \Phi_7\ \Phi_5\ \Phi_1$
138064	1787	2280	$\frac{1}{19}$	$\frac{77}{570}$	$\frac{18}{95}$	$\frac{493}{2280}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{456}\ \Phi_{380}\ \Phi_{228}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
138065	1788	2676	$\frac{1}{446}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{445}{892}$	$\Phi_{2676}\ \Phi_{892}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
138066	1788	1485	$\frac{1}{297}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{148}{297}$	$\Phi_{1485}\ \Phi_{495}\ \Phi_{297}^2\ \Phi_{165}\ \Phi_{135}\ \Phi_{99}^2\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
138067	1788	1188	$\frac{1}{297}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{148}{297}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
138068	1788	1787	$\frac{7}{1787}$	$\frac{299}{1787}$	$\frac{744}{1787}$	$\frac{890}{1787}$	$\Phi_{1787}\ \Phi_1^2$
138069	1788	2670	$\frac{2}{445}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{443}{890}$	$\Phi_{2670}^2\ \Phi_{534}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
138070	1788	796	$\frac{1}{199}$	$\frac{1}{4}$	$\frac{50}{199}$	$\frac{99}{199}$	$\Phi_{796}^3\ \Phi_{398}^3\ \Phi_4^2\ \Phi_2^2$
138071	1788	1787	$\frac{9}{1787}$	$\frac{446}{1787}$	$\frac{449}{1787}$	$\frac{889}{1787}$	$\Phi_{1787}\ \Phi_1^2$
138072	1788	537	$\frac{1}{179}$	$\frac{30}{179}$	$\frac{1}{3}$	$\frac{89}{179}$	$\Phi_{537}^5\ \Phi_3^4$
138073	1788	3256	$\frac{1}{148}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{147}{296}$	$\Phi_{3256}\ \Phi_{296}^2\ \Phi_{88}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
138074	1788	6216	$\frac{1}{148}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{147}{296}$	$\Phi_{6216}\ \Phi_{168}\ \Phi_{21}$
138075	1788	3256	$\frac{1}{148}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{147}{296}$	$\Phi_{3256}\ \Phi_{296}^2\ \Phi_{88}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
138076	1788	1480	$\frac{1}{148}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{147}{296}$	$\Phi_{1480}^3\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
138077	1788	3822	$\frac{2}{147}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{145}{294}$	$\Phi_{3822}\ \Phi_{1274}\ \Phi_{546}\ \Phi_{182}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
138078	1788	1470	$\frac{2}{147}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{145}{294}$	$\Phi_{1470}^3\ \Phi_{490}^3\ \Phi_{210}^3\ \Phi_{70}^3\ \Phi_{35}\ \Phi_{30}^3\ \Phi_{10}^3$
138079	1788	2560	$\frac{1}{64}$	$\frac{65}{512}$	$\frac{1}{5}$	$\frac{63}{128}$	$\Phi_{2560}\ \Phi_{1280}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
138080	1788	880	$\frac{7}{440}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{433}{880}$	$\Phi_{880}^4\ \Phi_{176}^4\ \Phi_{80}^4\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{10}$
138081	1788	2600	$\frac{1}{50}$	$\frac{1}{13}$	$\frac{51}{200}$	$\frac{49}{100}$	$\Phi_{2600}\ \Phi_{650}\ \Phi_{520}\ \Phi_{325}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{26}$
138082	1788	3770	$\frac{4}{145}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{141}{290}$	$\Phi_{3770}\ \Phi_{754}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
138083	1788	4340	$\frac{13}{434}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{421}{868}$	$\Phi_{4340}\ \Phi_{620}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
138084	1788	2340	$\frac{1}{30}$	$\frac{1}{13}$	$\frac{31}{180}$	$\frac{29}{60}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{130}\ \Phi_{117}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}$
138085	1788	1440	$\frac{5}{144}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{139}{288}$	$\Phi_{1440}^3\ \Phi_{480}^3\ \Phi_{160}^3\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
138086	1788	3744	$\frac{5}{144}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{139}{288}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
138087	1788	2002	$\frac{6}{143}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{137}{286}$	$\Phi_{2002}^2\ \Phi_{182}^2\ \Phi_{154}^2\ \Phi_{91}\ \Phi_{14}^2$
138088	1788	161	$\frac{1}{23}$	$\frac{12}{161}$	$\frac{1}{7}$	$\frac{11}{23}$	$\Phi_{161}^{11}\ \Phi_{23}^{12}\ \Phi_7^{10}\ \Phi_1^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
138089	1788	280	$\frac{1}{28}$	$\frac{9}{140}$	$\frac{1}{5}$	$\frac{131}{280}$	$\Phi_{280}^{12}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}^{12}\ \Phi_{40}^{12}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}^{12}$
138090	1788	3640	$\frac{9}{140}$	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{131}{280}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{26}$
138091	1788	4160	$\frac{1}{32}$	$\frac{31}{416}$	$\frac{1}{5}$	$\frac{385}{832}$	$\Phi_{4160}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
138092	1788	1092	$\frac{7}{156}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{1092}^{2}\ \Phi_{546}^{2}\ \Phi_{364}^{2}\ \Phi_{273}^{2}\ \Phi_{182}^{2}\ \Phi_{91}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}$
138093	1788	1932	$\frac{1}{23}$	$\frac{11}{138}$	$\frac{1}{7}$	$\frac{127}{276}$	$\Phi_{1932}^{2}\ \Phi_{644}^{2}\ \Phi_{161}\ \Phi_{84}^{2}\ \Phi_{28}^{2}$
138094	1788	2442	$\frac{1}{74}$	$\frac{1}{11}$	$\frac{73}{222}$	$\frac{5}{11}$	$\Phi_{2442}\ \Phi_{1221}\ \Phi_{222}^{2}\ \Phi_{111}^{2}\ \Phi_{66}\ \Phi_{33}\ \Phi_{11}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
138095	1788	1672	$\frac{3}{152}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{418}\ \Phi_{209}\ \Phi_{152}^{2}\ \Phi_{88}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
138096	1788	2035	$\frac{1}{37}$	$\frac{1}{11}$	$\frac{36}{185}$	$\frac{5}{11}$	$\Phi_{2035}\ \Phi_{185}^{2}\ \Phi_{55}\ \Phi_{11}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
138097	1788	2080	$\frac{11}{160}$	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{26}$
138098	1788	3510	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{14}{135}$	$\frac{121}{270}$	$\Phi_{3510}\ \Phi_{1170}\ \Phi_{702}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}$
138099	1788	3920	$\frac{1}{56}$	$\frac{55}{392}$	$\frac{1}{5}$	$\frac{337}{784}$	$\Phi_{3920}\ \Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
138100	1788	1280	$\frac{1}{64}$	$\frac{21}{128}$	$\frac{1}{5}$	$\frac{107}{256}$	$\Phi_{1280}^{3}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
138101	1788	156	$\frac{7}{156}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{156}^{11}\ \Phi_{78}^{12}\ \Phi_{52}^{11}\ \Phi_{39}^{12}\ \Phi_{26}^{12}\ \Phi_{13}^{11}\ \Phi_{12}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
138102	1788	3250	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{24}{125}$	$\frac{101}{250}$	$\Phi_{3250}\ \Phi_{650}\ \Phi_{325}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
138103	1788	150	$\frac{1}{150}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{150}^{12}\ \Phi_{75}^{12}\ \Phi_{50}^{12}\ \Phi_{30}^{12}\ \Phi_{25}^{12}\ \Phi_{15}^{11}\ \Phi_{10}^{12}\ \Phi_{6}^{12}\ \Phi_{5}^{12}\ \Phi_{3}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
138104	1788	990	$\frac{1}{99}$	$\frac{1}{5}$	$\frac{49}{198}$	$\frac{2}{5}$	$\Phi_{990}^{2}\ \Phi_{495}\ \Phi_{330}^{2}\ \Phi_{198}^{4}\ \Phi_{165}\ \Phi_{110}^{2}\ \Phi_{99}^{2}\ \Phi_{90}^{2}\ \Phi_{66}^{4}\ \Phi_{55}\ \Phi_{45}$ $\Phi_{33}^{2}\ \Phi_{30}^{2}\ \Phi_{22}^{4}\ \Phi_{18}^{4}\ \Phi_{15}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
138105	1788	765	$\frac{4}{153}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{765}^{2}\ \Phi_{255}^{2}\ \Phi_{153}^{4}\ \Phi_{85}^{2}\ \Phi_{51}^{4}\ \Phi_{45}\ \Phi_{17}^{4}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
138106	1788	165	$\frac{1}{33}$	$\frac{16}{165}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{165}^{11}\ \Phi_{55}^{11}\ \Phi_{33}^{10}\ \Phi_{15}^{11}\ \Phi_{11}^{10}\ \Phi_{5}^{12}\ \Phi_{3}^{10}\ \Phi_{1}^{12}$
138107	1788	770	$\frac{5}{154}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{770}^{2}\ \Phi_{385}^{2}\ \Phi_{154}^{4}\ \Phi_{110}^{2}\ \Phi_{77}^{4}\ \Phi_{70}^{2}\ \Phi_{55}\ \Phi_{35}^{2}\ \Phi_{22}^{4}\ \Phi_{14}^{4}\ \Phi_{11}^{2}\ \Phi_{10}^{2}$ $\Phi_{7}^{4}\ \Phi_{5}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
138108	1788	810	$\frac{1}{27}$	$\frac{13}{162}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{810}^{2}\ \Phi_{405}^{2}\ \Phi_{270}^{2}\ \Phi_{162}^{4}\ \Phi_{135}\ \Phi_{90}^{2}\ \Phi_{81}^{4}\ \Phi_{54}^{4}\ \Phi_{45}\ \Phi_{30}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{4}$ $\Phi_{15}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
138109	1788	1950	$\frac{1}{150}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{390}\ \Phi_{325}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}$
138110	1788	3120	$\frac{1}{30}$	$\frac{1}{13}$	$\frac{29}{120}$	$\frac{91}{240}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{390}\ \Phi_{208}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}$
138111	1788	2148	$\frac{1}{179}$	$\frac{89}{358}$	$\frac{1}{3}$	$\frac{269}{716}$	$\Phi_{2148}^{2}\ \Phi_{537}\ \Phi_{12}^{2}$
138112	1788	1120	$\frac{1}{112}$	$\frac{1}{5}$	$\frac{37}{112}$	$\frac{75}{224}$	$\Phi_{1120}^{3}\ \Phi_{560}\ \Phi_{280}\ \Phi_{160}^{3}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
138113	1788	1787	$\frac{8}{1787}$	$\frac{593}{1787}$	$\frac{595}{1787}$	$\frac{597}{1787}$	$\Phi_{1787}\ \Phi_{1}^{2}$
138114	1788	2685	$\frac{4}{895}$	$\frac{297}{895}$	$\frac{1}{3}$	$\frac{299}{895}$	$\Phi_{2685}\ \Phi_{537}\ \Phi_{15}$
138115	1788	669	$\frac{1}{223}$	$\frac{74}{223}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{669}^{2}\ \Phi_{223}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
138116	1788	300	$\frac{1}{150}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{300}^{8}\ \Phi_{150}^{4}\ \Phi_{100}^{8}\ \Phi_{75}^{4}\ \Phi_{60}^{8}\ \Phi_{50}^{4}\ \Phi_{30}^{4}\ \Phi_{25}^{4}\ \Phi_{20}^{8}\ \Phi_{15}^{4}\ \Phi_{12}^{7}\ \Phi_{10}^{4}$ $\Phi_{6}^{3}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
138117	1788	3564	$\frac{2}{297}$	$\frac{1}{4}$	$\frac{295}{891}$	$\frac{1}{3}$	$\Phi_{3564}\ \Phi_{1782}\ \Phi_{324}\ \Phi_{162}\ \Phi_{12}\ \Phi_{6}$
138118	1788	1335	$\frac{4}{445}$	$\frac{1}{5}$	$\frac{147}{445}$	$\frac{1}{3}$	$\Phi_{1335}^{2}\ \Phi_{267}^{2}\ \Phi_{15}^{3}\ \Phi_{3}^{2}$
138119	1788	1554	$\frac{1}{74}$	$\frac{1}{7}$	$\frac{73}{222}$	$\frac{1}{3}$	$\Phi_{1554}\ \Phi_{777}\ \Phi_{518}^{2}\ \Phi_{259}^{2}\ \Phi_{42}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}$
138120	1788	396	$\frac{1}{99}$	$\frac{49}{198}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^{6}\ \Phi_{198}^{2}\ \Phi_{132}^{6}\ \Phi_{99}^{4}\ \Phi_{66}^{2}\ \Phi_{44}^{6}\ \Phi_{36}^{6}\ \Phi_{33}^{4}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{7}\ \Phi_{11}^{4}$ $\Phi_{9}^{4}\ \Phi_{6}^{3}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
138121	1788	2412	$\frac{7}{603}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2412}\ \Phi_{1206}\ \Phi_{804}\ \Phi_{402}\ \Phi_{268}\ \Phi_{134}\ \Phi_{12}\ \Phi_{6}$
138122	1788	3192	$\frac{3}{152}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3192}\ \Phi_{1596}\ \Phi_{798}\ \Phi_{399}\ \Phi_{168}\ \Phi_{21}$
138123	1788	2772	$\frac{2}{99}$	$\frac{97}{693}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{252}\ \Phi_{154}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}$ $\Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
138124	1788	612	$\frac{4}{153}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{612}^{4}\ \Phi_{306}^{4}\ \Phi_{204}^{4}\ \Phi_{102}^{4}\ \Phi_{68}^{4}\ \Phi_{36}^{2}\ \Phi_{34}^{4}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
138125	1788	660	$\frac{1}{33}$	$\frac{16}{165}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{220}^4\ \Phi_{132}^2\ \Phi_{110}^4\ \Phi_{66}^2\ \Phi_{60}^4\ \Phi_{44}^2\ \Phi_{30}^4\ \Phi_{22}^2\ \Phi_{20}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
138126	1788	924	$\frac{5}{154}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^4\ \Phi_{462}^2\ \Phi_{231}^2\ \Phi_{132}^3\ \Phi_{84}^4\ \Phi_{66}\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
138127	1788	324	$\frac{1}{27}$	$\frac{13}{162}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{324}^8\ \Phi_{162}^4\ \Phi_{108}^6\ \Phi_{81}^4\ \Phi_{54}^2\ \Phi_{36}^6\ \Phi_{27}^4\ \Phi_{18}^2\ \Phi_{12}^7\ \Phi_9^4\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
138128	1788	2484	$\frac{25}{621}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{46}\ \Phi_{12}\ \Phi_6$
138129	1788	2508	$\frac{31}{627}$	$\frac{2}{33}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{836}\ \Phi_{418}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{38}\ \Phi_{12}\ \Phi_6$
138130	1788	3885	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{36}{185}$	$\frac{1}{3}$	$\Phi_{3885}\ \Phi_{105}\ \Phi_{21}$
138131	1788	2184	$\frac{1}{13}$	$\frac{2}{21}$	$\frac{19}{168}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{312}\ \Phi_{182}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
138132	1788	2442	$\frac{1}{74}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{73}{222}$	$\Phi_{2442}\ \Phi_{1221}\ \Phi_{222}^2\ \Phi_{111}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
138133	1788	2220	$\frac{1}{74}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{73}{222}$	$\Phi_{2220}^2\ \Phi_{1110}\ \Phi_{555}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
138134	1788	960	$\frac{1}{64}$	$\frac{1}{5}$	$\frac{43}{192}$	$\frac{21}{64}$	$\Phi_{960}^3\ \Phi_{480}^3\ \Phi_{320}\ \Phi_{240}^3\ \Phi_{160}\ \Phi_{120}^3\ \Phi_{80}\ \Phi_{60}^3\ \Phi_{40}\ \Phi_{30}^3\ \Phi_{20}\ \Phi_{15}^3\ \Phi_{10}$
138135	1788	840	$\frac{1}{28}$	$\frac{19}{168}$	$\frac{1}{5}$	$\frac{9}{28}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{280}^3\ \Phi_{210}^3\ \Phi_{140}\ \Phi_{120}^3\ \Phi_{105}^3\ \Phi_{70}\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{35}\ \Phi_{30}^3\ \Phi_{20}\ \Phi_{15}^3\ \Phi_{10}$
138136	1788	2415	$\frac{1}{23}$	$\frac{47}{345}$	$\frac{1}{7}$	$\frac{22}{69}$	$\Phi_{2415}\ \Phi_{805}\ \Phi_{161}\ \Phi_{105}\ \Phi_{35}$
138137	1788	160	$\frac{1}{16}$	$\frac{11}{160}$	$\frac{1}{5}$	$\frac{5}{16}$	$\Phi_{160}^{12}\ \Phi_{80}^{10}\ \Phi_{40}^{10}\ \Phi_{32}^{12}\ \Phi_{20}^{10}\ \Phi_{16}^{12}\ \Phi_{10}^{10}\ \Phi_8^{12}\ \Phi_5^9\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
138138	1788	2340	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{31}{180}$	$\frac{14}{45}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{468}\ \Phi_{390}\ \Phi_{260}\ \Phi_{234}\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
138139	1788	2808	$\frac{5}{72}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{67}{216}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
138140	1788	3003	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{7}$	$\frac{131}{429}$	$\Phi_{3003}\ \Phi_{273}\ \Phi_{231}\ \Phi_{91}\ \Phi_{21}$
138141	1788	2730	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{210}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{273}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}$
138142	1788	770	$\frac{5}{154}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{770}^3\ \Phi_{385}^3\ \Phi_{110}^3\ \Phi_{70}^3\ \Phi_{55}^3\ \Phi_{35}\ \Phi_{10}^3$
138143	1788	1449	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{11}{69}$	$\frac{58}{207}$	$\Phi_{1449}^2\ \Phi_{161}\ \Phi_{63}^2$
138144	1788	2106	$\frac{1}{13}$	$\frac{13}{162}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{702}\ \Phi_{351}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
138145	1788	1672	$\frac{3}{152}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{1672}\ \Phi_{836}\ \Phi_{418}\ \Phi_{209}\ \Phi_{152}^2\ \Phi_{88}\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
138146	1788	2035	$\frac{1}{37}$	$\frac{2}{11}$	$\frac{36}{185}$	$\frac{3}{11}$	$\Phi_{2035}\ \Phi_{185}^2\ \Phi_{55}\ \Phi_{11}\ \Phi_5^2\ \Phi_1^2$
138147	1788	796	$\frac{3}{199}$	$\frac{49}{199}$	$\frac{1}{4}$	$\frac{50}{199}$	$\Phi_{796}^3\ \Phi_{398}^3\ \Phi_4^2\ \Phi_2^2$
138148	1788	760	$\frac{3}{152}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{760}^3\ \Phi_{380}^3\ \Phi_{190}^3\ \Phi_{95}^3\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
138149	1788	2960	$\frac{3}{148}$	$\frac{1}{5}$	$\frac{145}{592}$	$\frac{1}{4}$	$\Phi_{2960}\ \Phi_{1480}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
138150	1788	740	$\frac{1}{37}$	$\frac{36}{185}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{740}^3\ \Phi_{370}^3\ \Phi_{148}^4\ \Phi_{74}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_4^4\ \Phi_2^4$
138151	1788	980	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{47}{196}$	$\Phi_{980}^3\ \Phi_{490}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{35}\ \Phi_{20}^3\ \Phi_{10}^3$
138152	1788	1288	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{35}{184}$	$\frac{11}{46}$	$\Phi_{1288}^2\ \Phi_{644}^2\ \Phi_{161}\ \Phi_{56}^2\ \Phi_{28}^2$
138153	1788	960	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{5}$	$\frac{43}{192}$	$\Phi_{960}^3\ \Phi_{480}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
138154	1788	2496	$\frac{1}{13}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{192}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{832}\ \Phi_{416}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
138155	1788	2184	$\frac{1}{13}$	$\frac{19}{168}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{91}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
138156	1788	560	$\frac{1}{28}$	$\frac{27}{140}$	$\frac{1}{5}$	$\frac{113}{560}$	$\Phi_{560}^4\ \Phi_{280}^4\ \Phi_{140}\ \Phi_{112}^4\ \Phi_{80}^4\ \Phi_{70}\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{35}\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{10}\ \Phi_8^4$
138157	1788	160	$\frac{11}{160}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{5}$	$\Phi_{160}^{12}\ \Phi_{80}^{12}\ \Phi_{40}^9\ \Phi_{32}^{12}\ \Phi_{20}^9\ \Phi_{16}^{12}\ \Phi_{10}^9\ \Phi_8^8\ \Phi_5^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^8$
138158	1788	880	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{27}{176}$	$\frac{1}{5}$	$\Phi_{880}^3\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{80}^3\ \Phi_{55}^2\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^2$
138159	1788	490	$\frac{43}{490}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{490}^4\ \Phi_{245}^3\ \Phi_{98}^4\ \Phi_{70}^4\ \Phi_{49}^4\ \Phi_{35}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
138160	1788	840	$\frac{2}{21}$	$\frac{19}{168}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{280}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{120}^3\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{35}\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{10}^3$
138161	1788	2340	$\frac{1}{13}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{180}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}$
138162	1789	3568	$\frac{5}{1784}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1779}{3568}$	$\Phi_{3568}\ \Phi_{16}\ \Phi_8\ \Phi_1$
138163	1789	2388	$\frac{2}{597}$	$\frac{599}{2388}$	$\frac{1}{3}$	$\frac{595}{1194}$	$\Phi_{2388}\ \Phi_{796}\ \Phi_{597}\ \Phi_{199}\ \Phi_{12}\ \Phi_4\ \Phi_1$
138164	1789	3564	$\frac{7}{1782}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1775}{3564}$	$\Phi_{3564}\ \Phi_{1188}\ \Phi_{396}\ \Phi_{324}\ \Phi_{132}\ \Phi_{108}\ \Phi_{44}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
138165	1789	3552	$\frac{13}{1776}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1763}{3552}$	$\Phi_{3552}\ \Phi_{1184}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$
138166	1789	3552	$\frac{13}{1776}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1763}{3552}$	$\Phi_{3552}\ \Phi_{1184}\ \Phi_{96}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
138167	1789	2048	$\frac{3}{256}$	$\frac{259}{2048}$	$\frac{1}{4}$	$\frac{253}{512}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
138168	1789	3528	$\frac{25}{1764}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1739}{3528}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{392}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
138169	1789	3528	$\frac{25}{1764}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1739}{3528}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{392}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
138170	1789	3520	$\frac{29}{1760}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1731}{3520}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
138171	1789	2400	$\frac{11}{600}$	$\frac{1}{12}$	$\frac{611}{2400}$	$\frac{589}{1200}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{200}\ \Phi_{160}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
138172	1789	3480	$\frac{49}{1740}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1691}{3480}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{696}\ \Phi_{232}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
138173	1789	3472	$\frac{53}{1736}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{1683}{3472}$	$\Phi_{3472}\ \Phi_{496}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
138174	1789	2160	$\frac{11}{360}$	$\frac{1}{12}$	$\frac{371}{2160}$	$\frac{349}{720}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
138175	1789	3456	$\frac{61}{1728}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{1667}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
138176	1789	3456	$\frac{61}{1728}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1667}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
138177	1789	1932	$\frac{5}{138}$	$\frac{143}{1932}$	$\frac{1}{6}$	$\frac{133}{276}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{161}\ \Phi_{138}\ \Phi_{84}\ \Phi_{69}\ \Phi_{46}\ \Phi_{42}\ \Phi_{28}\ \Phi_{23}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
138178	1789	3432	$\frac{73}{1716}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1643}{3432}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{264}\ \Phi_{104}\ \Phi_{88}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_8\ \Phi_1$
138179	1789	1872	$\frac{83}{1872}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{73}{156}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{13}\ \Phi_9\ \Phi_8\ \Phi_1$
138180	1789	3360	$\frac{3}{112}$	$\frac{109}{1680}$	$\frac{1}{4}$	$\frac{1571}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{96}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
138181	1789	3360	$\frac{109}{1680}$	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1571}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
138182	1789	3328	$\frac{3}{128}$	$\frac{125}{1664}$	$\frac{1}{4}$	$\frac{1539}{3328}$	$\Phi_{3328}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
138183	1789	3312	$\frac{5}{138}$	$\frac{133}{1656}$	$\frac{1}{6}$	$\frac{1523}{3312}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{144}\ \Phi_{138}\ \Phi_{69}\ \Phi_{48}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_1$
138184	1789	2664	$\frac{13}{888}$	$\frac{1}{12}$	$\frac{875}{2664}$	$\frac{11}{24}$	$\Phi_{2664}\ \Phi_{1332}\ \Phi_{666}\ \Phi_{333}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
138185	1789	1824	$\frac{35}{1824}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{32}\ \Phi_{24}\ \Phi_{19}\ \Phi_8\ \Phi_1$
138186	1789	1920	$\frac{131}{1920}$	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{109}{240}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
138187	1789	3240	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{169}{1620}$	$\frac{1451}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
138188	1789	3136	$\frac{3}{224}$	$\frac{221}{1568}$	$\frac{1}{4}$	$\frac{1347}{3136}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
138189	1789	1872	$\frac{83}{1872}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{144}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{24}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_8\ \Phi_1$
138190	1789	3072	$\frac{3}{256}$	$\frac{253}{1536}$	$\frac{1}{4}$	$\frac{1283}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
138191	1789	3000	$\frac{11}{300}$	$\frac{1}{12}$	$\frac{289}{1500}$	$\frac{1211}{3000}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
138192	1789	1800	$\frac{11}{1800}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
138193	1789	2880	$\frac{11}{360}$	$\frac{1}{12}$	$\frac{349}{1440}$	$\frac{1091}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{360}\ \Phi_{320}\ \Phi_{192}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{64}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
138194	1789	2688	$\frac{3}{448}$	$\frac{1}{4}$	$\frac{445}{1344}$	$\frac{899}{2688}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{448}\ \Phi_{384}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
138195	1789	2673	$\frac{7}{891}$	$\frac{2}{9}$	$\frac{884}{2673}$	$\frac{1}{3}$	$\Phi_{2673}\ \Phi_{243}\ \Phi_{9}\ \Phi_{1}$
138196	1789	1809	$\frac{20}{1809}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1809}\ \Phi_{603}\ \Phi_{201}\ \Phi_{67}\ \Phi_{9}\ \Phi_{1}$
138197	1789	2376	$\frac{7}{594}$	$\frac{2}{9}$	$\frac{587}{2376}$	$\frac{1}{3}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{216}\ \Phi_{132}\ \Phi_{108}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
138198	1789	2079	$\frac{7}{297}$	$\frac{290}{2079}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{231}\ \Phi_{189}\ \Phi_{77}\ \Phi_{63}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
138199	1789	1836	$\frac{47}{1836}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{108}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
138200	1789	1980	$\frac{7}{198}$	$\frac{191}{1980}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
138201	1789	1863	$\frac{74}{1863}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1863}\ \Phi_{621}\ \Phi_{207}\ \Phi_{69}\ \Phi_{23}\ \Phi_{9}\ \Phi_{1}$
138202	1789	1944	$\frac{7}{162}$	$\frac{155}{1944}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
138203	1789	1881	$\frac{92}{1881}$	$\frac{7}{99}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{209}\ \Phi_{171}\ \Phi_{57}\ \Phi_{19}\ \Phi_{9}\ \Phi_{1}$
138204	1789	2304	$\frac{3}{256}$	$\frac{515}{2304}$	$\frac{1}{4}$	$\frac{253}{768}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
138205	1789	2016	$\frac{3}{112}$	$\frac{227}{2016}$	$\frac{1}{4}$	$\frac{109}{336}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
138206	1789	2070	$\frac{5}{138}$	$\frac{281}{2070}$	$\frac{1}{6}$	$\frac{133}{414}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{138}\ \Phi_{115}\ \Phi_{90}\ \Phi_{69}\ \Phi_{46}\ \Phi_{45}\ \Phi_{30}\ \Phi_{23}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
138207	1789	1920	$\frac{3}{64}$	$\frac{131}{1920}$	$\frac{1}{4}$	$\frac{61}{192}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
138208	1789	2160	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{371}{2160}$	$\frac{169}{540}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
138209	1789	2592	$\frac{61}{864}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{803}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
138210	1789	2016	$\frac{1}{12}$	$\frac{25}{252}$	$\frac{227}{2016}$	$\frac{11}{36}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
138211	1789	2574	$\frac{5}{78}$	$\frac{73}{858}$	$\frac{1}{6}$	$\frac{785}{2574}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{234}\ \Phi_{198}\ \Phi_{117}\ \Phi_{99}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
138212	1789	1848	$\frac{59}{1848}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}\ \Phi_{77}\ \Phi_{66}\ \Phi_{56}\ \Phi_{44}\ \Phi_{33}\ \Phi_{28}\ \Phi_{24}\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
138213	1789	2520	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{109}{840}$	$\frac{731}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
138214	1789	1944	$\frac{155}{1944}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{216}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
138215	1789	2484	$\frac{5}{138}$	$\frac{133}{828}$	$\frac{1}{6}$	$\frac{695}{2484}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{621}\ \Phi_{138}\ \Phi_{108}\ \Phi_{69}\ \Phi_{54}\ \Phi_{46}\ \Phi_{27}\ \Phi_{23}\ \Phi_{1}$
138216	1789	1824	$\frac{35}{1824}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
138217	1789	2368	$\frac{13}{592}$	$\frac{3}{16}$	$\frac{579}{2368}$	$\frac{1}{4}$	$\Phi_{2368}\ \Phi_{1184}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
138218	1789	2352	$\frac{25}{588}$	$\frac{3}{28}$	$\frac{563}{2352}$	$\frac{1}{4}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{784}\ \Phi_{392}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{28}\ \Phi_{24}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
138219	1789	2304	$\frac{3}{64}$	$\frac{61}{576}$	$\frac{515}{2304}$	$\frac{1}{4}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
138220	1789	2240	$\frac{3}{112}$	$\frac{109}{560}$	$\frac{451}{2240}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
138221	1789	1920	$\frac{131}{1920}$	$\frac{3}{32}$	$\frac{29}{160}$	$\frac{1}{4}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
138222	1789	2112	$\frac{29}{352}$	$\frac{3}{32}$	$\frac{323}{2112}$	$\frac{1}{4}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{64}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
138223	1789	1960	$\frac{171}{1960}$	$\frac{3}{28}$	$\frac{25}{196}$	$\frac{1}{4}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
138224	1789	2016	$\frac{25}{252}$	$\frac{3}{28}$	$\frac{227}{2016}$	$\frac{1}{4}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
138225	1789	2208	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{419}{2208}$	$\frac{133}{552}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{368}\ \Phi_{138}\ \Phi_{96}\ \Phi_{69}\ \Phi_{48}\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_{16}\ \Phi_1$
138226	1789	2304	$\frac{1}{12}$	$\frac{61}{576}$	$\frac{11}{72}$	$\frac{515}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
138227	1789	2016	$\frac{1}{12}$	$\frac{227}{2016}$	$\frac{11}{72}$	$\frac{61}{288}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
138228	1789	2160	$\frac{1}{12}$	$\frac{61}{432}$	$\frac{11}{72}$	$\frac{371}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
138229	1790	2856	$\frac{1}{357}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{178}{357}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{408}\ \Phi_{357}\ \Phi_{168}\ \Phi_{136}\ \Phi_{119}\ \Phi_{56}\ \Phi_{51}\ \Phi_{24}\ \Phi_{21}\ \Phi_{17}\ \Phi_8^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
138230	1790	5352	$\frac{3}{892}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{889}{1784}$	$\Phi_{5352}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
138231	1790	3204	$\frac{1}{178}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{177}{356}$	$\Phi_{3204}\ \Phi_{1068}\ \Phi_{356}^2\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
138232	1790	1068	$\frac{1}{178}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{177}{356}$	$\Phi_{1068}^3\ \Phi_{356}^4\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
138233	1790	5334	$\frac{6}{889}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{883}{1778}$	$\Phi_{5334}\ \Phi_{762}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
138234	1790	3072	$\frac{1}{128}$	$\frac{129}{1024}$	$\frac{1}{3}$	$\frac{127}{256}$	$\Phi_{3072}\ \Phi_{1536}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
138235	1790	1776	$\frac{7}{888}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{881}{1776}$	$\Phi_{1776}^2\ \Phi_{592}^2\ \Phi_{48}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
138236	1790	3894	$\frac{2}{177}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{175}{354}$	$\Phi_{3894}\ \Phi_{1298}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
138237	1790	1764	$\frac{13}{882}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{869}{1764}$	$\Phi_{1764}^2\ \Phi_{588}^2\ \Phi_{252}^2\ \Phi_{196}^2\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
138238	1790	2640	$\frac{1}{60}$	$\frac{1}{11}$	$\frac{61}{240}$	$\frac{59}{120}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{220}\ \Phi_{176}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
138239	1790	1056	$\frac{3}{176}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{173}{352}$	$\Phi_{1056}^5\ \Phi_{96}^5\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
138240	1790	352	$\frac{3}{176}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{173}{352}$	$\Phi_{352}^{10}\ \Phi_{44}\ \Phi_{32}^{10}\ \Phi_{22}$
138241	1790	3850	$\frac{4}{175}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{171}{350}$	$\Phi_{3850}\ \Phi_{770}\ \Phi_{550}\ \Phi_{154}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
138242	1790	2376	$\frac{1}{36}$	$\frac{1}{11}$	$\frac{37}{216}$	$\frac{35}{72}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
138243	1790	3828	$\frac{5}{174}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{169}{348}$	$\Phi_{3828}\ \Phi_{1276}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
138244	1790	5208	$\frac{27}{868}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{841}{1736}$	$\Phi_{5208}\ \Phi_{744}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
138245	1790	1728	$\frac{1}{32}$	$\frac{31}{864}$	$\frac{1}{3}$	$\frac{833}{1728}$	$\Phi_{1728}^2\ \Phi_{576}^2\ \Phi_{192}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
138246	1790	3762	$\frac{8}{171}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{163}{342}$	$\Phi_{3762}\ \Phi_{1254}\ \Phi_{418}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
138247	1790	2200	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{21}{200}$	$\frac{19}{40}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
138248	1790	3740	$\frac{9}{170}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{161}{340}$	$\Phi_{3740}\ \Phi_{748}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
138249	1790	336	$\frac{1}{56}$	$\frac{11}{168}$	$\frac{1}{3}$	$\frac{157}{336}$	$\Phi_{336}^{10}\ \Phi_{168}\ \Phi_{112}^{10}\ \Phi_{84}\ \Phi_{48}^{10}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}^{10}\ \Phi_{12}\ \Phi_6$
138250	1790	3696	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{157}{336}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{176}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
138251	1790	4992	$\frac{1}{64}$	$\frac{63}{832}$	$\frac{1}{3}$	$\frac{769}{1664}$	$\Phi_{4992}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
138252	1790	2112	$\frac{13}{192}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{24}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{176}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
138253	1790	330	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{1}{11}$	$\frac{151}{330}$	$\Phi_{330}^{10}\ \Phi_{165}\ \Phi_{110}^{10}\ \Phi_{66}^{10}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}^{10}\ \Phi_{22}^{10}\ \Phi_{10}^{10}\ \Phi_{6}^{10}\ \Phi_{2}^{10}$
138254	1790	3564	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{17}{162}$	$\frac{145}{324}$	$\Phi_{3564}\ \Phi_{1188}\ \Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
138255	1790	801	$\frac{1}{89}$	$\frac{1}{9}$	$\frac{88}{267}$	$\frac{4}{9}$	$\Phi_{801}^{2}\ \Phi_{267}^{3}\ \Phi_{89}^{2}\ \Phi_{9}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
138256	1790	3520	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{19}{160}$	$\frac{141}{320}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
138257	1790	4704	$\frac{1}{112}$	$\frac{111}{784}$	$\frac{1}{3}$	$\frac{673}{1568}$	$\Phi_{4704}\ \Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
138258	1790	1536	$\frac{1}{128}$	$\frac{127}{768}$	$\frac{1}{3}$	$\frac{641}{1536}$	$\Phi_{1536}^{2}\ \Phi_{512}^{2}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
138259	1790	3300	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{29}{150}$	$\frac{121}{300}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
138260	1790	3168	$\frac{1}{36}$	$\frac{1}{11}$	$\frac{35}{144}$	$\frac{109}{288}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{396}\ \Phi_{352}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
138261	1790	360	$\frac{1}{180}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{360}^{8}\ \Phi_{180}^{2}\ \Phi_{120}^{8}\ \Phi_{90}^{2}\ \Phi_{72}^{8}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{8}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{7}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{8}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
138262	1790	952	$\frac{1}{119}$	$\frac{59}{238}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{952}^{3}\ \Phi_{238}^{2}\ \Phi_{136}^{3}\ \Phi_{119}\ \Phi_{56}^{3}\ \Phi_{34}^{2}\ \Phi_{17}\ \Phi_{14}^{2}\ \Phi_{8}^{4}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
138263	1790	728	$\frac{3}{182}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{728}^{4}\ \Phi_{182}^{2}\ \Phi_{104}^{4}\ \Phi_{91}^{2}\ \Phi_{56}^{3}\ \Phi_{26}^{2}\ \Phi_{14}^{2}\ \Phi_{13}^{2}\ \Phi_{8}^{4}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
138264	1790	408	$\frac{1}{51}$	$\frac{25}{204}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^{7}\ \Phi_{204}^{2}\ \Phi_{136}^{7}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{51}\ \Phi_{34}^{2}\ \Phi_{24}^{7}\ \Phi_{17}\ \Phi_{12}^{2}\ \Phi_{8}^{8}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
138265	1790	2024	$\frac{5}{184}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{253}\ \Phi_{44}\ \Phi_{22}$
138266	1790	1496	$\frac{8}{187}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1496}^{2}\ \Phi_{187}^{2}\ \Phi_{136}\ \Phi_{88}^{2}\ \Phi_{17}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
138267	1790	1512	$\frac{1}{21}$	$\frac{10}{189}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1512}^{2}\ \Phi_{504}^{2}\ \Phi_{216}^{2}\ \Phi_{189}^{2}\ \Phi_{168}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{56}\ \Phi_{27}^{2}\ \Phi_{24}\ \Phi_{21}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
138268	1790	2970	$\frac{1}{45}$	$\frac{1}{11}$	$\frac{44}{135}$	$\frac{91}{270}$	$\Phi_{2970}\ \Phi_{990}\ \Phi_{594}\ \Phi_{495}\ \Phi_{330}\ \Phi_{198}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}$
138269	1790	1344	$\frac{1}{224}$	$\frac{223}{672}$	$\frac{1}{3}$	$\frac{449}{1344}$	$\Phi_{1344}^{2}\ \Phi_{672}\ \Phi_{448}^{2}\ \Phi_{336}\ \Phi_{192}^{2}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}^{2}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
138270	1790	1152	$\frac{1}{128}$	$\frac{257}{1152}$	$\frac{127}{384}$	$\frac{1}{3}$	$\Phi_{1152}^{2}\ \Phi_{576}^{2}\ \Phi_{384}\ \Phi_{288}^{2}\ \Phi_{192}\ \Phi_{144}^{2}\ \Phi_{96}\ \Phi_{72}^{2}\ \Phi_{48}\ \Phi_{36}^{2}\ \Phi_{24}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{6}$
138271	1790	534	$\frac{1}{89}$	$\frac{1}{6}$	$\frac{88}{267}$	$\frac{1}{3}$	$\Phi_{534}^{4}\ \Phi_{267}^{3}\ \Phi_{178}^{4}\ \Phi_{89}^{2}\ \Phi_{6}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{4}$
138272	1790	1008	$\frac{1}{56}$	$\frac{113}{1008}$	$\frac{55}{168}$	$\frac{1}{3}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{252}^{2}\ \Phi_{168}\ \Phi_{144}^{2}\ \Phi_{126}^{2}\ \Phi_{112}^{2}\ \Phi_{84}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{48}^{2}\ \Phi_{42}\ \Phi_{36}^{2}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{6}$
138273	1790	192	$\frac{1}{32}$	$\frac{13}{192}$	$\frac{31}{96}$	$\frac{1}{3}$	$\Phi_{192}^{10}\ \Phi_{96}^{9}\ \Phi_{64}^{10}\ \Phi_{48}^{9}\ \Phi_{32}^{8}\ \Phi_{24}^{9}\ \Phi_{16}^{8}\ \Phi_{12}^{9}\ \Phi_{8}^{8}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
138274	1790	924	$\frac{29}{924}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{231}^{2}\ \Phi_{154}^{2}\ \Phi_{132}^{2}\ \Phi_{84}^{2}\ \Phi_{77}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{42}\ \Phi_{33}^{2}\ \Phi_{28}^{2}\ \Phi_{22}^{2}\ \Phi_{21}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{6}\ \Phi_{4}^{2}$
138275	1790	912	$\frac{17}{912}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{912}^{2}\ \Phi_{456}^{2}\ \Phi_{304}^{2}\ \Phi_{228}^{2}\ \Phi_{152}^{2}\ \Phi_{114}^{2}\ \Phi_{76}^{2}\ \Phi_{57}^{2}\ \Phi_{48}^{2}\ \Phi_{38}^{2}\ \Phi_{24}\ \Phi_{19}^{2}\ \Phi_{16}^{2}\ \Phi_{12}\ \Phi_{6}$
138276	1790	546	$\frac{3}{182}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{546}^{5}\ \Phi_{273}^{5}\ \Phi_{78}^{5}\ \Phi_{42}^{5}\ \Phi_{39}^{5}\ \Phi_{21}^{3}\ \Phi_{6}^{5}\ \Phi_{3}^{2}$
138277	1790	3552	$\frac{7}{296}$	$\frac{1}{8}$	$\frac{289}{1184}$	$\frac{1}{3}$	$\Phi_{3552}\ \Phi_{1776}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
138278	1790	1176	$\frac{13}{294}$	$\frac{1}{14}$	$\frac{281}{1176}$	$\frac{1}{3}$	$\Phi_{1176}^{2}\ \Phi_{588}^{2}\ \Phi_{392}^{2}\ \Phi_{196}^{2}\ \Phi_{168}^{2}\ \Phi_{84}^{2}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}\ \Phi_{4}^{2}$
138279	1790	1152	$\frac{1}{32}$	$\frac{31}{288}$	$\frac{257}{1152}$	$\frac{1}{3}$	$\Phi_{1152}^{2}\ \Phi_{576}^{2}\ \Phi_{384}^{2}\ \Phi_{192}^{2}\ \Phi_{128}^{2}\ \Phi_{96}\ \Phi_{64}^{2}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
138280	1790	672	$\frac{1}{56}$	$\frac{11}{56}$	$\frac{45}{224}$	$\frac{1}{3}$	$\Phi_{672}^{5}\ \Phi_{336}^{5}\ \Phi_{168}\ \Phi_{96}^{5}\ \Phi_{84}\ \Phi_{48}^{5}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
138281	1790	192	$\frac{1}{16}$	$\frac{13}{192}$	$\frac{3}{16}$	$\frac{1}{3}$	$\Phi_{192}^{10}\ \Phi_{96}^{10}\ \Phi_{64}^{10}\ \Phi_{48}^{6}\ \Phi_{32}^{10}\ \Phi_{24}^{6}\ \Phi_{16}^{10}\ \Phi_{12}^{6}\ \Phi_{8}^{10}\ \Phi_{6}^{6}\ \Phi_{4}^{10}\ \Phi_{3}^{5}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
138282	1790	1056	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{161}{1056}$	$\frac{1}{3}$	$\Phi_{1056}^{2}\ \Phi_{528}\ \Phi_{352}^{2}\ \Phi_{264}\ \Phi_{176}^{2}\ \Phi_{132}\ \Phi_{96}^{2}\ \Phi_{88}^{2}\ \Phi_{66}\ \Phi_{48}^{2}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{32}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
138283	1790	588	$\frac{1}{14}$	$\frac{17}{196}$	$\frac{13}{98}$	$\frac{1}{3}$	$\Phi_{588}^{5}\ \Phi_{294}^{4}\ \Phi_{147}^{4}\ \Phi_{84}^{5}\ \Phi_{42}^{5}\ \Phi_{21}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
138284	1790	1008	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{113}{1008}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2$
138285	1790	264	$\frac{3}{88}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{85}{264}$	$\Phi_{264}^{10}\ \Phi_{132}^{10}\ \Phi_{66}^{10}\ \Phi_{44}\ \Phi_{33}^{10}\ \Phi_{24}^{10}\ \Phi_{22}\ \Phi_{12}^{10}\ \Phi_6^{10}\ \Phi_3^{10}$
138286	1790	2376	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{37}{216}$	$\frac{17}{54}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
138287	1790	2772	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{84}$	$\frac{73}{252}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{396}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
138288	1790	2640	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{19}{80}$	$\frac{61}{240}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
138289	1790	2112	$\frac{13}{192}$	$\frac{1}{11}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
138290	1790	220	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{41}{220}$	$\frac{1}{4}$	$\Phi_{220}^{10}\ \Phi_{110}^{10}\ \Phi_{55}^{10}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}^{10}\ \Phi_{10}^{10}\ \Phi_5^{10}$
138291	1790	195	$\frac{16}{195}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{5}$	$\Phi_{195}^9\ \Phi_{65}^9\ \Phi_{39}^{10}\ \Phi_{15}^9\ \Phi_{13}^{10}\ \Phi_5^8\ \Phi_3^{10}\ \Phi_1^{10}$
138292	1790	2200	$\frac{1}{11}$	$\frac{21}{200}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
138293	1790	2310	$\frac{1}{11}$	$\frac{4}{35}$	$\frac{31}{210}$	$\frac{1}{5}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{165}\ \Phi_{154}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}$
138294	1791	2864	$\frac{1}{358}$	$\frac{359}{1432}$	$\frac{1073}{2864}$	$\frac{357}{716}$	$\Phi_{2864}\ \Phi_{716}\ \Phi_{16}\ \Phi_4\ \Phi_1$
138295	1791	1584	$\frac{1}{198}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{197}{396}$	$\Phi_{1584}^2\ \Phi_{528}^2\ \Phi_{396}\ \Phi_{176}^2\ \Phi_{144}^2\ \Phi_{132}\ \Phi_{48}^2\ \Phi_{44}\ \Phi_{36}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
138296	1791	396	$\frac{1}{198}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{197}{396}$	$\Phi_{396}^5\ \Phi_{198}^4\ \Phi_{132}^5\ \Phi_{99}^4\ \Phi_{66}^4\ \Phi_{44}^5\ \Phi_{36}^5\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
138297	1791	3560	$\frac{11}{1780}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1769}{3560}$	$\Phi_{3560}\ \Phi_{712}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
138298	1791	1180	$\frac{7}{590}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{583}{1180}$	$\Phi_{1180}^3\ \Phi_{236}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
138299	1791	800	$\frac{3}{200}$	$\frac{1}{10}$	$\frac{203}{800}$	$\frac{197}{400}$	$\Phi_{800}^3\ \Phi_{200}^3\ \Phi_{160}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
138300	1791	1960	$\frac{3}{196}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{193}{392}$	$\Phi_{1960}^2\ \Phi_{392}\ \Phi_{280}^2\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
138301	1791	3520	$\frac{31}{1760}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1729}{3520}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
138302	1791	780	$\frac{4}{195}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{191}{390}$	$\Phi_{780}^3\ \Phi_{260}^3\ \Phi_{195}^3\ \Phi_{156}^3\ \Phi_{65}^3\ \Phi_{60}^3\ \Phi_{52}^4\ \Phi_{39}^3\ \Phi_{26}\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_5^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
138303	1791	390	$\frac{4}{195}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{191}{390}$	$\Phi_{390}^4\ \Phi_{195}^5\ \Phi_{130}^4\ \Phi_{78}^4\ \Phi_{65}^5\ \Phi_{39}^5\ \Phi_{30}^4\ \Phi_{26}^4\ \Phi_{15}^5\ \Phi_{13}^5\ \Phi_{10}^8\ \Phi_6^4\ \Phi_5^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^9$
138304	1791	644	$\frac{1}{46}$	$\frac{47}{644}$	$\frac{1}{4}$	$\frac{45}{92}$	$\Phi_{644}^3\ \Phi_{322}^3\ \Phi_{161}^3\ \Phi_{92}^2\ \Phi_{46}\ \Phi_{28}^3\ \Phi_{23}\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4\ \Phi_1$
138305	1791	3500	$\frac{41}{1750}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1709}{3500}$	$\Phi_{3500}\ \Phi_{700}\ \Phi_{500}\ \Phi_{140}\ \Phi_{100}\ \Phi_{50}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
138306	1791	240	$\frac{1}{40}$	$\frac{1}{10}$	$\frac{41}{240}$	$\frac{39}{80}$	$\Phi_{240}^9\ \Phi_{120}^9\ \Phi_{60}^9\ \Phi_{48}^9\ \Phi_{40}^9\ \Phi_{30}^9\ \Phi_{24}^9\ \Phi_{20}^9\ \Phi_{15}^9\ \Phi_{12}^9\ \Phi_{10}^8\ \Phi_8^9\ \Phi_6^9\ \Phi_5^8\ \Phi_4^9\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
138307	1791	1160	$\frac{17}{580}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{563}{1160}$	$\Phi_{1160}^3\ \Phi_{232}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
138308	1791	1920	$\frac{7}{192}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{185}{384}$	$\Phi_{1920}^2\ \Phi_{640}^2\ \Phi_{384}\ \Phi_{128}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
138309	1791	2300	$\frac{22}{575}$	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{553}{1150}$	$\Phi_{2300}\ \Phi_{575}\ \Phi_{460}\ \Phi_{115}\ \Phi_{100}\ \Phi_{92}^2\ \Phi_{46}\ \Phi_{25}\ \Phi_{23}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
138310	1791	208	$\frac{1}{26}$	$\frac{9}{208}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{208}^9\ \Phi_{104}^9\ \Phi_{52}^8\ \Phi_{26}^7\ \Phi_{16}^9\ \Phi_{13}^7\ \Phi_8^9\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
138311	1791	1144	$\frac{1}{26}$	$\frac{25}{572}$	$\frac{1}{4}$	$\frac{547}{1144}$	$\Phi_{1144}^3\ \Phi_{104}^3\ \Phi_{88}^3\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{13}\ \Phi_8^3\ \Phi_4\ \Phi_1$
138312	1791	2000	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{209}{2000}$	$\frac{191}{400}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
138313	1791	380	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{181}{380}$	$\Phi_{380}^9\ \Phi_{76}^9\ \Phi_{20}^9\ \Phi_{10}^8\ \Phi_5^8\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
138314	1791	3400	$\frac{91}{1700}$	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1609}{3400}$	$\Phi_{3400}\ \Phi_{680}\ \Phi_{200}\ \Phi_{136}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
138315	1791	1120	$\frac{37}{560}$	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{523}{1120}$	$\Phi_{1120}^3\ \Phi_{224}^3\ \Phi_{160}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
138316	1791	640	$\frac{43}{640}$	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{37}{80}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
138317	1791	368	$\frac{1}{46}$	$\frac{15}{184}$	$\frac{1}{4}$	$\frac{169}{368}$	$\Phi_{368}^{9}\,\Phi_{92}^{2}\,\Phi_{46}\,\Phi_{23}\,\Phi_{16}^{9}\,\Phi_{4}\,\Phi_{1}$
138318	1791	1100	$\frac{3}{50}$	$\frac{47}{550}$	$\frac{1}{10}$	$\frac{503}{1100}$	$\Phi_{1100}^{3}\,\Phi_{220}^{3}\,\Phi_{100}^{3}\,\Phi_{50}^{3}\,\Phi_{44}^{3}\,\Phi_{25}^{3}\,\Phi_{20}^{3}\,\Phi_{10}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
138319	1791	360	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{19}{180}$	$\frac{161}{360}$	$\Phi_{360}^{9}\,\Phi_{120}^{9}\,\Phi_{72}^{9}\,\Phi_{40}^{9}\,\Phi_{24}^{9}\,\Phi_{20}^{9}\,\Phi_{10}^{8}\,\Phi_{8}^{9}\,\Phi_{5}^{8}\,\Phi_{4}^{9}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
138320	1791	3200	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{191}{1600}$	$\frac{1409}{3200}$	$\Phi_{3200}\,\Phi_{640}\,\Phi_{200}\,\Phi_{128}\,\Phi_{100}\,\Phi_{50}\,\Phi_{40}\,\Phi_{25}\,\Phi_{20}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
138321	1791	3216	$\frac{2}{201}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{3216}\,\Phi_{1072}\,\Phi_{201}\,\Phi_{67}\,\Phi_{16}\,\Phi_{1}$
138322	1791	4752	$\frac{1}{99}$	$\frac{1}{8}$	$\frac{98}{297}$	$\frac{7}{16}$	$\Phi_{4752}\,\Phi_{432}\,\Phi_{297}\,\Phi_{27}\,\Phi_{16}\,\Phi_{1}$
138323	1791	528	$\frac{1}{66}$	$\frac{1}{8}$	$\frac{65}{264}$	$\frac{7}{16}$	$\Phi_{528}^{6}\,\Phi_{264}\,\Phi_{176}^{6}\,\Phi_{132}\,\Phi_{88}\,\Phi_{48}^{6}\,\Phi_{44}\,\Phi_{24}\,\Phi_{16}^{7}\,\Phi_{12}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
138324	1791	816	$\frac{5}{204}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{816}^{4}\,\Phi_{272}^{4}\,\Phi_{204}\,\Phi_{102}\,\Phi_{68}\,\Phi_{51}\,\Phi_{48}^{2}\,\Phi_{34}\,\Phi_{17}\,\Phi_{16}^{3}\,\Phi_{12}\,\Phi_{4}\,\Phi_{1}$
138325	1791	3696	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{32}{231}$	$\frac{7}{16}$	$\Phi_{3696}\,\Phi_{1232}\,\Phi_{336}\,\Phi_{231}\,\Phi_{112}\,\Phi_{77}\,\Phi_{21}\,\Phi_{16}\,\Phi_{7}\,\Phi_{1}$
138326	1791	3312	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3312}\,\Phi_{1104}\,\Phi_{368}\,\Phi_{207}\,\Phi_{69}\,\Phi_{23}\,\Phi_{16}\,\Phi_{1}$
138327	1791	1040	$\frac{9}{208}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1040}^{2}\,\Phi_{520}^{2}\,\Phi_{260}^{2}\,\Phi_{208}\,\Phi_{130}^{2}\,\Phi_{104}\,\Phi_{65}^{2}\,\Phi_{52}\,\Phi_{40}^{2}\,\Phi_{26}\,\Phi_{20}^{2}\,\Phi_{13}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
138328	1791	880	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{880}^{4}\,\Phi_{220}\,\Phi_{176}^{2}\,\Phi_{110}\,\Phi_{80}^{4}\,\Phi_{55}\,\Phi_{44}\,\Phi_{20}\,\Phi_{16}^{3}\,\Phi_{10}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
138329	1791	3344	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3344}\,\Phi_{304}\,\Phi_{209}\,\Phi_{19}\,\Phi_{16}\,\Phi_{1}$
138330	1791	432	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{432}^{8}\,\Phi_{216}\,\Phi_{144}^{6}\,\Phi_{108}\,\Phi_{72}\,\Phi_{54}\,\Phi_{48}^{6}\,\Phi_{36}\,\Phi_{27}\,\Phi_{24}\,\Phi_{16}^{7}\,\Phi_{12}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
138331	1791	350	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{24}{175}$	$\frac{151}{350}$	$\Phi_{350}^{4}\,\Phi_{175}^{5}\,\Phi_{70}^{4}\,\Phi_{50}^{9}\,\Phi_{35}^{5}\,\Phi_{25}^{9}\,\Phi_{14}^{4}\,\Phi_{10}^{8}\,\Phi_{7}^{5}\,\Phi_{5}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
138332	1791	1000	$\frac{3}{100}$	$\frac{1}{10}$	$\frac{97}{500}$	$\frac{403}{1000}$	$\Phi_{1000}^{3}\,\Phi_{200}^{3}\,\Phi_{100}^{3}\,\Phi_{50}^{3}\,\Phi_{40}^{3}\,\Phi_{25}^{3}\,\Phi_{20}^{3}\,\Phi_{10}^{2}\,\Phi_{8}^{3}\,\Phi_{5}^{2}\,\Phi_{4}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
138333	1791	595	$\frac{4}{595}$	$\frac{1}{5}$	$\frac{197}{595}$	$\frac{2}{5}$	$\Phi_{595}^{3}\,\Phi_{119}^{3}\,\Phi_{85}^{3}\,\Phi_{35}^{3}\,\Phi_{17}^{3}\,\Phi_{7}^{3}\,\Phi_{5}^{4}\,\Phi_{1}^{5}$
138334	1791	1840	$\frac{49}{1840}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{1840}\,\Phi_{920}\,\Phi_{460}\,\Phi_{368}\,\Phi_{230}\,\Phi_{184}\,\Phi_{115}\,\Phi_{92}\,\Phi_{46}\,\Phi_{40}\,\Phi_{23}\,\Phi_{20}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
138335	1791	320	$\frac{1}{40}$	$\frac{1}{10}$	$\frac{39}{160}$	$\frac{121}{320}$	$\Phi_{320}^{9}\,\Phi_{64}^{9}\,\Phi_{40}^{9}\,\Phi_{20}^{9}\,\Phi_{10}^{8}\,\Phi_{8}^{9}\,\Phi_{5}^{8}\,\Phi_{4}^{9}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
138336	1791	300	$\frac{1}{50}$	$\frac{1}{10}$	$\frac{49}{150}$	$\frac{101}{300}$	$\Phi_{300}^{9}\,\Phi_{100}^{9}\,\Phi_{60}^{9}\,\Phi_{50}^{9}\,\Phi_{25}^{9}\,\Phi_{20}^{9}\,\Phi_{12}^{9}\,\Phi_{10}^{8}\,\Phi_{5}^{8}\,\Phi_{4}^{9}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
138337	1791	895	$\frac{4}{895}$	$\frac{297}{895}$	$\frac{298}{895}$	$\frac{299}{895}$	$\Phi_{895}^{2}\,\Phi_{179}^{2}\,\Phi_{5}^{2}\,\Phi_{1}^{3}$
138338	1791	804	$\frac{2}{201}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{804}^{2}\,\Phi_{402}^{2}\,\Phi_{268}^{2}\,\Phi_{201}^{3}\,\Phi_{134}^{2}\,\Phi_{67}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
138339	1791	1188	$\frac{1}{99}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{98}{297}$	$\Phi_{1188}^{2}\,\Phi_{594}^{2}\,\Phi_{297}^{3}\,\Phi_{108}^{2}\,\Phi_{54}^{2}\,\Phi_{27}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
138340	1791	460	$\frac{1}{46}$	$\frac{31}{230}$	$\frac{1}{4}$	$\frac{15}{46}$	$\Phi_{460}^{6}\,\Phi_{230}^{3}\,\Phi_{115}^{3}\,\Phi_{92}^{2}\,\Phi_{46}\,\Phi_{23}\,\Phi_{20}^{6}\,\Phi_{10}^{3}\,\Phi_{5}^{3}\,\Phi_{4}\,\Phi_{1}$
138341	1791	880	$\frac{31}{880}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{283}{880}$	$\Phi_{880}^{2}\,\Phi_{440}^{2}\,\Phi_{220}^{2}\,\Phi_{176}^{2}\,\Phi_{110}^{2}\,\Phi_{88}^{2}\,\Phi_{80}^{2}\,\Phi_{55}^{2}\,\Phi_{44}^{2}\,\Phi_{40}^{3}\,\Phi_{22}^{2}\,\Phi_{20}^{3}\,\Phi_{16}^{2}\,\Phi_{11}^{2}\,\Phi_{10}^{2}\,\Phi_{8}^{3}\,\Phi_{5}^{2}\,\Phi_{4}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
138342	1791	240	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{41}{240}$	$\frac{19}{60}$	$\Phi_{240}^{9}\,\Phi_{120}^{9}\,\Phi_{80}^{9}\,\Phi_{48}^{9}\,\Phi_{40}^{9}\,\Phi_{24}^{9}\,\Phi_{20}^{9}\,\Phi_{16}^{9}\,\Phi_{10}^{8}\,\Phi_{8}^{9}\,\Phi_{5}^{8}\,\Phi_{4}^{9}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
138343	1791	1440	$\frac{7}{96}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{89}{288}$	$\Phi_{1440}^{2}\,\Phi_{720}^{2}\,\Phi_{360}^{2}\,\Phi_{288}\,\Phi_{180}^{2}\,\Phi_{144}\,\Phi_{90}^{2}\,\Phi_{72}\,\Phi_{45}^{2}\,\Phi_{40}^{2}\,\Phi_{36}\,\Phi_{20}^{2}\,\Phi_{18}\,\Phi_{10}\,\Phi_{9}\,\Phi_{8}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
138344	1791	208	$\frac{9}{208}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{208}^{9}\,\Phi_{104}^{9}\,\Phi_{52}^{7}\,\Phi_{26}^{7}\,\Phi_{16}^{9}\,\Phi_{13}^{9}\,\Phi_{8}^{9}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{9}$
138345	1791	572	$\frac{1}{26}$	$\frac{25}{286}$	$\frac{1}{4}$	$\frac{87}{286}$	$\Phi_{572}^{4}\,\Phi_{286}^{2}\,\Phi_{143}^{2}\,\Phi_{52}^{6}\,\Phi_{44}^{4}\,\Phi_{26}^{3}\,\Phi_{22}^{2}\,\Phi_{13}^{3}\,\Phi_{11}^{2}\,\Phi_{4}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
138346	1791	1080	$\frac{17}{216}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{1080}^{2}\,\Phi_{540}^{2}\,\Phi_{360}^{2}\,\Phi_{270}^{2}\,\Phi_{216}\,\Phi_{180}^{2}\,\Phi_{135}^{2}\,\Phi_{108}\,\Phi_{90}^{2}\,\Phi_{72}\,\Phi_{54}\,\Phi_{45}^{2}\,\Phi_{40}^{2}\,\Phi_{36}\,\Phi_{27}\,\Phi_{20}^{2}\,\Phi_{18}\,\Phi_{10}\,\Phi_{9}\,\Phi_{8}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
138347	1791	280	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{37}{280}$	$\frac{81}{280}$	$\Phi_{280}^{6}\,\Phi_{140}^{6}\,\Phi_{70}^{6}\,\Phi_{56}^{6}\,\Phi_{40}^{9}\,\Phi_{35}^{6}\,\Phi_{28}^{6}\,\Phi_{20}^{9}\,\Phi_{14}^{6}\,\Phi_{10}^{8}\,\Phi_{8}^{9}\,\Phi_{7}^{6}\,\Phi_{5}^{8}\,\Phi_{4}^{9}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
138348	1791	276	$\frac{1}{46}$	$\frac{15}{92}$	$\frac{1}{4}$	$\frac{77}{276}$	$\Phi_{276}^{9}\,\Phi_{138}^{9}\,\Phi_{92}^{2}\,\Phi_{69}^{9}\,\Phi_{46}\,\Phi_{23}\,\Phi_{12}^{9}\,\Phi_{6}^{9}\,\Phi_{4}\,\Phi_{3}^{9}\,\Phi_{1}$
138349	1791	210	$\frac{11}{210}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{210}^{9}\,\Phi_{105}^{9}\,\Phi_{70}^{9}\,\Phi_{42}^{9}\,\Phi_{35}^{9}\,\Phi_{30}^{4}\,\Phi_{21}^{9}\,\Phi_{15}^{5}\,\Phi_{14}^{9}\,\Phi_{10}^{8}\,\Phi_{7}^{9}\,\Phi_{6}^{4}\,\Phi_{5}^{8}\,\Phi_{3}^{5}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
138350	1791	800	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{191}{800}$	$\frac{203}{800}$	$\Phi_{800}^{2}\,\Phi_{400}^{2}\,\Phi_{200}^{3}\,\Phi_{160}^{2}\,\Phi_{100}^{3}\,\Phi_{80}^{2}\,\Phi_{50}^{3}\,\Phi_{40}^{3}\,\Phi_{32}^{2}\,\Phi_{25}^{3}\,\Phi_{20}^{3}\,\Phi_{16}^{2}\,\Phi_{10}^{2}\,\Phi_{8}^{3}\,\Phi_{5}^{2}\,\Phi_{4}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
138351	1791	264	$\frac{1}{66}$	$\frac{65}{264}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{264}^{9}\,\Phi_{132}^{5}\,\Phi_{88}^{9}\,\Phi_{66}^{4}\,\Phi_{44}^{5}\,\Phi_{33}^{4}\,\Phi_{24}^{9}\,\Phi_{22}^{4}\,\Phi_{12}^{5}\,\Phi_{11}^{4}\,\Phi_{8}^{9}\,\Phi_{6}^{4}\,\Phi_{4}^{7}\,\Phi_{3}^{4}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
138352	1791	204	$\frac{5}{204}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{204}^{9}\,\Phi_{102}^{9}\,\Phi_{68}^{9}\,\Phi_{51}^{9}\,\Phi_{34}^{9}\,\Phi_{17}^{9}\,\Phi_{12}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{7}\,\Phi_{3}^{4}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
138353	1791	924	$\frac{1}{33}$	$\frac{32}{231}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{924}^{2}\,\Phi_{462}^{2}\,\Phi_{308}^{2}\,\Phi_{231}^{3}\,\Phi_{154}^{2}\,\Phi_{84}^{2}\,\Phi_{77}^{3}\,\Phi_{42}^{2}\,\Phi_{28}^{2}\,\Phi_{21}^{3}\,\Phi_{14}^{2}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
138354	1791	828	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{828}^{2}\,\Phi_{414}^{2}\,\Phi_{276}^{2}\,\Phi_{207}^{3}\,\Phi_{138}^{2}\,\Phi_{92}^{2}\,\Phi_{69}^{3}\,\Phi_{46}^{2}\,\Phi_{23}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
138355	1791	220	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{220}^{9}\,\Phi_{110}^{9}\,\Phi_{55}^{9}\,\Phi_{44}^{5}\,\Phi_{22}^{4}\,\Phi_{20}^{9}\,\Phi_{11}^{4}\,\Phi_{10}^{9}\,\Phi_{5}^{9}\,\Phi_{4}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
138356	1791	836	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{836}^{2}\,\Phi_{418}^{2}\,\Phi_{209}^{3}\,\Phi_{76}^{2}\,\Phi_{38}^{2}\,\Phi_{19}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
138357	1791	216	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{216}^{9}\,\Phi_{108}^{9}\,\Phi_{72}^{9}\,\Phi_{54}^{9}\,\Phi_{36}^{5}\,\Phi_{27}^{9}\,\Phi_{24}^{9}\,\Phi_{18}^{4}\,\Phi_{12}^{5}\,\Phi_{9}^{4}\,\Phi_{8}^{9}\,\Phi_{6}^{4}\,\Phi_{4}^{7}\,\Phi_{3}^{4}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
138358	1791	736	$\frac{1}{46}$	$\frac{139}{736}$	$\frac{45}{184}$	$\frac{1}{4}$	$\Phi_{736}^{3}\,\Phi_{368}^{3}\,\Phi_{92}^{2}\,\Phi_{46}\,\Phi_{32}^{3}\,\Phi_{23}\,\Phi_{16}^{3}\,\Phi_{4}\,\Phi_{1}$
138359	1791	260	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{61}{260}$	$\frac{1}{4}$	$\Phi_{260}^{6}\,\Phi_{130}^{6}\,\Phi_{65}^{9}\,\Phi_{52}^{7}\,\Phi_{26}^{7}\,\Phi_{20}^{6}\,\Phi_{13}^{9}\,\Phi_{10}^{6}\,\Phi_{5}^{9}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{9}$
138360	1791	460	$\frac{1}{23}$	$\frac{31}{230}$	$\frac{22}{115}$	$\frac{1}{4}$	$\Phi_{460}^{5}\,\Phi_{230}^{2}\,\Phi_{115}^{3}\,\Phi_{92}^{6}\,\Phi_{46}^{3}\,\Phi_{23}^{3}\,\Phi_{20}^{5}\,\Phi_{10}^{2}\,\Phi_{5}^{3}\,\Phi_{4}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
138361	1791	1300	$\frac{1}{13}$	$\frac{53}{650}$	$\frac{12}{65}$	$\frac{1}{4}$	$\Phi_{1300}^{2}\,\Phi_{650}\,\Phi_{325}\,\Phi_{260}\,\Phi_{100}^{2}\,\Phi_{65}\,\Phi_{52}^{2}\,\Phi_{50}\,\Phi_{26}\,\Phi_{25}\,\Phi_{20}\,\Phi_{13}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
138362	1791	468	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{35}{234}$	$\frac{1}{4}$	$\Phi_{468}^{6}\,\Phi_{234}^{3}\,\Phi_{156}^{3}\,\Phi_{117}^{3}\,\Phi_{52}^{4}\,\Phi_{39}^{3}\,\Phi_{36}^{6}\,\Phi_{26}\,\Phi_{18}^{3}\,\Phi_{13}^{3}\,\Phi_{12}^{3}\,\Phi_{9}^{3}\,\Phi_{4}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
138363	1791	1120	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{25}{224}$	$\frac{1}{4}$	$\Phi_{1120}^{2}\,\Phi_{560}^{2}\,\Phi_{280}^{2}\,\Phi_{224}\,\Phi_{160}^{2}\,\Phi_{112}\,\Phi_{80}^{2}\,\Phi_{56}\,\Phi_{40}^{2}\,\Phi_{32}\,\Phi_{20}^{2}\,\Phi_{16}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
138364	1791	260	$\frac{4}{65}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{61}{260}$	$\Phi_{260}^{9}\,\Phi_{130}^{4}\,\Phi_{65}^{5}\,\Phi_{52}^{9}\,\Phi_{26}^{4}\,\Phi_{20}^{9}\,\Phi_{13}^{5}\,\Phi_{10}^{8}\,\Phi_{5}^{8}\,\Phi_{4}^{9}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
138365	1791	640	$\frac{43}{640}$	$\frac{1}{10}$	$\frac{31}{160}$	$\frac{9}{40}$	$\Phi_{640}^{3}\,\Phi_{320}^{3}\,\Phi_{160}^{2}\,\Phi_{128}^{3}\,\Phi_{80}^{2}\,\Phi_{64}^{3}\,\Phi_{40}^{3}\,\Phi_{32}^{2}\,\Phi_{20}^{3}\,\Phi_{16}^{2}\,\Phi_{10}^{2}\,\Phi_{8}^{3}\,\Phi_{5}^{2}\,\Phi_{4}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
138366	1791	2200	$\frac{31}{440}$	$\frac{1}{10}$	$\frac{409}{2200}$	$\frac{9}{40}$	$\Phi_{2200}\,\Phi_{1100}\,\Phi_{550}\,\Phi_{275}\,\Phi_{200}\,\Phi_{100}\,\Phi_{50}\,\Phi_{40}\,\Phi_{25}\,\Phi_{20}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
138367	1791	1280	$\frac{1}{10}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{256}$	$\Phi_{1280}^{2}\,\Phi_{640}^{2}\,\Phi_{256}\,\Phi_{128}\,\Phi_{40}^{2}\,\Phi_{20}^{2}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
138368	1791	1120	$\frac{1}{10}$	$\frac{25}{224}$	$\frac{1}{8}$	$\frac{7}{32}$	$\Phi_{1120}^{2}\,\Phi_{560}^{2}\,\Phi_{280}^{2}\,\Phi_{224}\,\Phi_{140}^{2}\,\Phi_{112}\,\Phi_{70}^{2}\,\Phi_{56}\,\Phi_{40}^{2}\,\Phi_{35}^{2}\,\Phi_{28}\,\Phi_{20}^{2}\,\Phi_{14}\,\Phi_{10}\,\Phi_{8}\,\Phi_{7}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
138369	1791	2000	$\frac{1}{10}$	$\frac{209}{2000}$	$\frac{41}{250}$	$\frac{9}{50}$	$\Phi_{2000}\,\Phi_{1000}\,\Phi_{500}\,\Phi_{400}\,\Phi_{200}\,\Phi_{100}\,\Phi_{80}\,\Phi_{50}\,\Phi_{40}\,\Phi_{25}\,\Phi_{20}\,\Phi_{16}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
138370	1791	700	$\frac{1}{10}$	$\frac{41}{350}$	$\frac{103}{700}$	$\frac{9}{50}$	$\Phi_{700}^{3}\,\Phi_{350}^{2}\,\Phi_{175}^{2}\,\Phi_{140}^{3}\,\Phi_{100}^{3}\,\Phi_{70}^{2}\,\Phi_{50}^{3}\,\Phi_{35}^{2}\,\Phi_{28}^{3}\,\Phi_{25}^{3}\,\Phi_{20}^{3}\,\Phi_{14}^{2}\,\Phi_{10}^{2}\,\Phi_{7}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
138371	1791	240	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{240}$	$\Phi_{240}^{7}\,\Phi_{120}^{7}\,\Phi_{80}^{7}\,\Phi_{60}^{7}\,\Phi_{48}^{8}\,\Phi_{40}^{9}\,\Phi_{30}^{7}\,\Phi_{24}^{8}\,\Phi_{20}^{9}\,\Phi_{16}^{8}\,\Phi_{15}^{7}\,\Phi_{12}^{8}\,\Phi_{10}^{8}\,\Phi_{8}^{9}\,\Phi_{6}^{8}\,\Phi_{5}^{8}\,\Phi_{4}^{9}\,\Phi_{3}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
138372	1792	447	$\frac{1}{447}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{223}{447}$	$\Phi_{447}^{4}\,\Phi_{149}^{4}\,\Phi_{3}^{5}\,\Phi_{1}^{6}$
138373	1792	1791	$\frac{5}{1791}$	$\frac{449}{1791}$	$\frac{671}{1791}$	$\frac{893}{1791}$	$\Phi_{1791}\,\Phi_{597}\,\Phi_{199}\,\Phi_{9}\,\Phi_{3}\,\Phi_{1}^{2}$
138374	1792	897	$\frac{1}{299}$	$\frac{75}{299}$	$\frac{1}{3}$	$\frac{149}{299}$	$\Phi_{897}^{3}\,\Phi_{69}^{3}\,\Phi_{39}^{3}\,\Phi_{3}^{2}$
138375	1792	1020	$\frac{1}{255}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{127}{255}$	$\Phi_{1020}^{3}\,\Phi_{340}^{3}\,\Phi_{255}\,\Phi_{204}^{3}\,\Phi_{85}\,\Phi_{68}^{3}\,\Phi_{60}^{3}\,\Phi_{51}\,\Phi_{20}^{3}\,\Phi_{17}\,\Phi_{15}\,\Phi_{12}^{4}\,\Phi_{5}\,\Phi_{4}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
138376	1792	765	$\frac{1}{255}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{127}{255}$	$\Phi_{765}^{3}\,\Phi_{255}\,\Phi_{153}^{3}\,\Phi_{85}\,\Phi_{51}\,\Phi_{45}^{3}\,\Phi_{17}\,\Phi_{15}\,\Phi_{9}^{4}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}^{2}$
138377	1792	1561	$\frac{1}{223}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{111}{223}$	$\Phi_{1561}\,\Phi_{223}^{2}\,\Phi_{7}^{2}\,\Phi_{1}^{4}$
138378	1792	3345	$\frac{1}{223}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{111}{223}$	$\Phi_{3345}\,\Phi_{15}^{2}$
138379	1792	199	$\frac{1}{199}$	$\frac{25}{199}$	$\frac{87}{199}$	$\frac{99}{199}$	$\Phi_{199}^{9}\,\Phi_{1}^{10}$
138380	1792	597	$\frac{1}{199}$	$\frac{149}{597}$	$\frac{50}{199}$	$\frac{99}{199}$	$\Phi_{597}^{4}\,\Phi_{199}\,\Phi_{3}^{4}\,\Phi_{1}^{2}$
138381	1792	891	$\frac{5}{891}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{443}{891}$	$\Phi_{891}^{2}\,\Phi_{297}^{2}\,\Phi_{99}^{2}\,\Phi_{81}^{2}\,\Phi_{33}^{2}\,\Phi_{27}^{2}\,\Phi_{11}^{2}\,\Phi_{9}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
138382	1792	2245	$\frac{3}{449}$	$\frac{1}{5}$	$\frac{113}{449}$	$\frac{223}{449}$	Φ_{2245}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
138383	1792	1791	$\frac{13}{1791}$	$\frac{335}{1791}$	$\frac{451}{1791}$	$\frac{889}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138384	1792	897	$\frac{7}{897}$	$\frac{113}{897}$	$\frac{1}{3}$	$\frac{445}{897}$	$\Phi_{897}^{2}\ \Phi_{299}^{2}\ \Phi_{69}^{2}\ \Phi_{39}^{2}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
138385	1792	1651	$\frac{1}{127}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{63}{127}$	$\Phi_{1651}\ \Phi_{127}^{2}\ \Phi_{13}^{2}\ \Phi_{1}^{4}$
138386	1792	3048	$\frac{1}{127}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{63}{127}$	$\Phi_{3048}\ \Phi_{1524}\ \Phi_{762}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
138387	1792	597	$\frac{5}{597}$	$\frac{43}{597}$	$\frac{277}{597}$	$\frac{296}{597}$	$\Phi_{597}^{3}\ \Phi_{199}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
138388	1792	555	$\frac{1}{111}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{55}{111}$	$\Phi_{555}^{3}\ \Phi_{185}^{3}\ \Phi_{111}^{4}\ \Phi_{37}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
138389	1792	333	$\frac{1}{111}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{55}{111}$	$\Phi_{333}^{6}\ \Phi_{111}^{4}\ \Phi_{37}^{4}\ \Phi_{9}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
138390	1792	555	$\frac{1}{111}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{55}{111}$	$\Phi_{555}^{3}\ \Phi_{185}^{3}\ \Phi_{111}^{4}\ \Phi_{37}^{4}\ \Phi_{15}^{3}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
138391	1792	1791	$\frac{17}{1791}$	$\frac{113}{1791}$	$\frac{839}{1791}$	$\frac{887}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138392	1792	2056	$\frac{3}{257}$	$\frac{1}{8}$	$\frac{65}{257}$	$\frac{127}{257}$	$\Phi_{2056}\ \Phi_{1028}\ \Phi_{514}$
138393	1792	225	$\frac{1}{75}$	$\frac{1}{9}$	$\frac{19}{75}$	$\frac{37}{75}$	$\Phi_{225}^{9}\ \Phi_{75}^{6}\ \Phi_{45}^{9}\ \Phi_{25}^{6}\ \Phi_{15}^{6}\ \Phi_{9}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
138394	1792	663	$\frac{3}{221}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{109}{221}$	$\Phi_{663}^{4}\ \Phi_{51}^{4}\ \Phi_{39}^{5}\ \Phi_{3}^{4}$
138395	1792	1791	$\frac{25}{1791}$	$\frac{191}{1791}$	$\frac{454}{1791}$	$\frac{883}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138396	1792	1791	$\frac{25}{1791}$	$\frac{227}{1791}$	$\frac{391}{1791}$	$\frac{883}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138397	1792	69	$\frac{1}{69}$	$\frac{5}{69}$	$\frac{1}{3}$	$\frac{34}{69}$	$\Phi_{69}^{26}\ \Phi_{23}^{26}\ \Phi_{3}^{25}\ \Phi_{1}^{26}$
138398	1792	2245	$\frac{7}{449}$	$\frac{57}{449}$	$\frac{1}{5}$	$\frac{221}{449}$	Φ_{2245}
138399	1792	189	$\frac{1}{63}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{31}{63}$	$\Phi_{189}^{9}\ \Phi_{63}^{10}\ \Phi_{27}^{10}\ \Phi_{21}^{10}\ \Phi_{9}^{11}\ \Phi_{7}^{10}\ \Phi_{3}^{11}\ \Phi_{1}^{12}$
138400	1792	315	$\frac{1}{63}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{31}{63}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{63}^{4}\ \Phi_{45}^{6}\ \Phi_{35}^{6}\ \Phi_{21}^{4}\ \Phi_{15}^{8}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
138401	1792	63	$\frac{1}{63}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{31}{63}$	$\Phi_{63}^{28}\ \Phi_{21}^{28}\ \Phi_{9}^{31}\ \Phi_{7}^{28}\ \Phi_{3}^{31}\ \Phi_{1}^{32}$
138402	1792	2520	$\frac{1}{63}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{31}{63}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{120}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
138403	1792	1791	$\frac{29}{1791}$	$\frac{65}{1791}$	$\frac{863}{1791}$	$\frac{881}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138404	1792	1791	$\frac{29}{1791}$	$\frac{167}{1791}$	$\frac{455}{1791}$	$\frac{881}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138405	1792	897	$\frac{5}{299}$	$\frac{19}{299}$	$\frac{1}{3}$	$\frac{147}{299}$	$\Phi_{897}^{3}\ \Phi_{69}^{3}\ \Phi_{39}^{3}\ \Phi_{3}^{2}$
138406	1792	1705	$\frac{1}{55}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{27}{55}$	$\Phi_{1705}\ \Phi_{341}\ \Phi_{155}\ \Phi_{55}^{2}\ \Phi_{31}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
138407	1792	2805	$\frac{1}{55}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{27}{55}$	$\Phi_{2805}\ \Phi_{561}\ \Phi_{255}\ \Phi_{51}^{2}$
138408	1792	1705	$\frac{1}{55}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{27}{55}$	$\Phi_{1705}\ \Phi_{341}\ \Phi_{155}\ \Phi_{55}^{2}\ \Phi_{31}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
138409	1792	495	$\frac{1}{55}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{27}{55}$	$\Phi_{495}^{4}\ \Phi_{165}^{4}\ \Phi_{99}^{4}\ \Phi_{45}^{5}\ \Phi_{33}^{4}\ \Phi_{15}^{5}\ \Phi_{9}^{4}\ \Phi_{3}^{4}$
138410	1792	597	$\frac{11}{597}$	$\frac{19}{597}$	$\frac{289}{597}$	$\frac{293}{597}$	$\Phi_{597}^{3}\ \Phi_{199}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
138411	1792	1755	$\frac{37}{1755}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{859}{1755}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}^{2}\ \Phi_{27}\ \Phi_{15}\ \Phi_{13}^{2}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
138412	1792	1755	$\frac{37}{1755}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{859}{1755}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}^{2}\ \Phi_{39}\ \Phi_{27}\ \Phi_{15}^{2}\ \Phi_{13}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
138413	1792	135	$\frac{1}{45}$	$\frac{1}{9}$	$\frac{23}{135}$	$\frac{22}{45}$	$\Phi_{135}^{16}\ \Phi_{45}^{8}\ \Phi_{27}^{16}\ \Phi_{15}^{8}\ \Phi_{9}^{7}\ \Phi_{5}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
138414	1792	645	$\frac{1}{43}$	$\frac{1}{15}$	$\frac{11}{43}$	$\frac{21}{43}$	$\Phi_{645}^{3}\ \Phi_{215}^{3}\ \Phi_{129}^{3}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}$
138415	1792	1791	$\frac{43}{1791}$	$\frac{131}{1791}$	$\frac{415}{1791}$	$\frac{874}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138416	1792	1311	$\frac{11}{437}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{213}{437}$	$\Phi_{1311}^{2}\ \Phi_{69}^{3}\ \Phi_{57}^{2}\ \Phi_{3}^{2}$
138417	1792	117	$\frac{1}{39}$	$\frac{5}{117}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{117}^{16}\ \Phi_{39}^{14}\ \Phi_{13}^{14}\ \Phi_{9}^{16}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
138418	1792	1921	$\frac{3}{113}$	$\frac{1}{17}$	$\frac{29}{113}$	$\frac{55}{113}$	Φ_{1921}
138419	1792	2056	$\frac{7}{257}$	$\frac{1}{8}$	$\frac{33}{257}$	$\frac{125}{257}$	$\Phi_{2056}\ \Phi_{1028}\ \Phi_{514}$
138420	1792	1791	$\frac{49}{1791}$	$\frac{115}{1791}$	$\frac{419}{1791}$	$\frac{871}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
138421	1792	1791	$\frac{49}{1791}$	$\frac{223}{1791}$	$\frac{230}{1791}$	$\frac{871}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138422	1792	2245	$\frac{13}{449}$	$\frac{33}{449}$	$\frac{1}{5}$	$\frac{218}{449}$	Φ_{2245}
138423	1792	1791	$\frac{53}{1791}$	$\frac{95}{1791}$	$\frac{461}{1791}$	$\frac{869}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138424	1792	897	$\frac{9}{299}$	$\frac{11}{299}$	$\frac{1}{3}$	$\frac{145}{299}$	$\Phi_{897}^{3}\ \Phi_{69}^{3}\ \Phi_{39}^{3}\ \Phi_{3}^{2}$
138425	1792	225	$\frac{7}{225}$	$\frac{1}{9}$	$\frac{29}{225}$	$\frac{109}{225}$	$\Phi_{225}^{8}\ \Phi_{75}^{8}\ \Phi_{45}^{8}\ \Phi_{25}^{8}\ \Phi_{15}^{8}\ \Phi_{9}^{7}\ \Phi_{5}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
138426	1792	597	$\frac{19}{597}$	$\frac{65}{597}$	$\frac{77}{597}$	$\frac{289}{597}$	$\Phi_{597}^{3}\ \Phi_{199}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
138427	1792	2697	$\frac{1}{31}$	$\frac{1}{29}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{2697}\ \Phi_{87}^{2}$
138428	1792	1705	$\frac{1}{31}$	$\frac{3}{55}$	$\frac{13}{55}$	$\frac{15}{31}$	$\Phi_{1705}\ \Phi_{341}\ \Phi_{155}\ \Phi_{55}^{2}\ \Phi_{31}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
138429	1792	465	$\frac{1}{31}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{15}{31}$	$\Phi_{465}^{4}\ \Phi_{155}^{3}\ \Phi_{93}^{4}\ \Phi_{31}^{4}\ \Phi_{15}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
138430	1792	1023	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{15}{31}$	$\Phi_{1023}^{2}\ \Phi_{341}\ \Phi_{93}^{2}\ \Phi_{33}^{4}\ \Phi_{31}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
138431	1792	1705	$\frac{1}{31}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{15}{31}$	$\Phi_{1705}\ \Phi_{341}\ \Phi_{155}\ \Phi_{55}^{2}\ \Phi_{31}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
138432	1792	2232	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{15}{31}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{744}\ \Phi_{558}\ \Phi_{372}\ \Phi_{186}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
138433	1792	2245	$\frac{15}{449}$	$\frac{29}{449}$	$\frac{1}{5}$	$\frac{217}{449}$	Φ_{2245}
138434	1792	1791	$\frac{61}{1791}$	$\frac{83}{1791}$	$\frac{463}{1791}$	$\frac{865}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138435	1792	897	$\frac{29}{897}$	$\frac{31}{897}$	$\frac{1}{3}$	$\frac{433}{897}$	$\Phi_{897}^{2}\ \Phi_{299}^{2}\ \Phi_{69}^{2}\ \Phi_{39}^{2}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
138436	1792	297	$\frac{1}{33}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{297}^{6}\ \Phi_{99}^{6}\ \Phi_{33}^{8}\ \Phi_{27}^{4}\ \Phi_{11}^{8}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
138437	1792	189	$\frac{1}{27}$	$\frac{1}{21}$	$\frac{5}{21}$	$\frac{13}{27}$	$\Phi_{189}^{9}\ \Phi_{63}^{9}\ \Phi_{27}^{10}\ \Phi_{21}^{12}\ \Phi_{9}^{10}\ \Phi_{7}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
138438	1792	2295	$\frac{1}{27}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{13}{27}$	$\Phi_{2295}\ \Phi_{765}\ \Phi_{255}\ \Phi_{85}^{2}$
138439	1792	945	$\frac{1}{27}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{13}{27}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}\ \Phi_{135}^{2}\ \Phi_{105}^{2}\ \Phi_{63}\ \Phi_{45}^{2}\ \Phi_{35}^{4}\ \Phi_{27}^{2}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
138440	1792	27	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{13}{27}$	$\Phi_{27}^{64}\ \Phi_{9}^{71}\ \Phi_{3}^{71}\ \Phi_{1}^{72}$
138441	1792	1725	$\frac{2}{69}$	$\frac{67}{1725}$	$\frac{1}{3}$	$\frac{829}{1725}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{345}\ \Phi_{115}\ \Phi_{75}\ \Phi_{69}^{2}\ \Phi_{25}\ \Phi_{23}^{2}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
138442	1792	1125	$\frac{1}{25}$	$\frac{13}{125}$	$\frac{1}{9}$	$\frac{12}{25}$	$\Phi_{1125}^{2}\ \Phi_{375}^{2}\ \Phi_{225}\ \Phi_{75}\ \Phi_{45}\ \Phi_{15}$
138443	1792	345	$\frac{3}{115}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{345}^{8}\ \Phi_{69}^{7}\ \Phi_{15}^{8}\ \Phi_{3}^{6}$
138444	1792	429	$\frac{1}{39}$	$\frac{19}{429}$	$\frac{1}{3}$	$\frac{205}{429}$	$\Phi_{429}^{4}\ \Phi_{143}^{4}\ \Phi_{39}^{6}\ \Phi_{33}^{4}\ \Phi_{13}^{6}\ \Phi_{11}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
138445	1792	1885	$\frac{1}{29}$	$\frac{3}{65}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{1885}\ \Phi_{377}\ \Phi_{145}$
138446	1792	1791	$\frac{67}{1791}$	$\frac{85}{1791}$	$\frac{431}{1791}$	$\frac{853}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138447	1792	855	$\frac{41}{855}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{407}{855}$	$\Phi_{855}^{2}\ \Phi_{285}^{2}\ \Phi_{171}^{2}\ \Phi_{95}^{2}\ \Phi_{57}^{2}\ \Phi_{45}^{4}\ \Phi_{19}^{2}\ \Phi_{15}^{4}\ \Phi_{9}^{3}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
138448	1792	627	$\frac{1}{33}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{627}^{3}\ \Phi_{209}^{3}\ \Phi_{57}^{3}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{2}$
138449	1792	1791	$\frac{59}{1791}$	$\frac{97}{1791}$	$\frac{433}{1791}$	$\frac{847}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138450	1792	1791	$\frac{97}{1791}$	$\frac{118}{1791}$	$\frac{239}{1791}$	$\frac{847}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138451	1792	645	$\frac{7}{129}$	$\frac{1}{15}$	$\frac{17}{129}$	$\frac{61}{129}$	$\Phi_{645}^{3}\ \Phi_{215}^{3}\ \Phi_{129}^{2}\ \Phi_{43}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
138452	1792	199	$\frac{11}{199}$	$\frac{15}{199}$	$\frac{23}{199}$	$\frac{94}{199}$	$\Phi_{199}^{9}\ \Phi_{1}^{10}$
138453	1792	225	$\frac{13}{225}$	$\frac{17}{225}$	$\frac{1}{9}$	$\frac{106}{225}$	$\Phi_{225}^{8}\ \Phi_{75}^{8}\ \Phi_{45}^{8}\ \Phi_{25}^{8}\ \Phi_{15}^{8}\ \Phi_{9}^{7}\ \Phi_{5}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
138454	1792	2056	$\frac{15}{257}$	$\frac{17}{257}$	$\frac{1}{8}$	$\frac{121}{257}$	$\Phi_{2056}\ \Phi_{1028}\ \Phi_{514}$
138455	1792	597	$\frac{35}{597}$	$\frac{37}{597}$	$\frac{79}{597}$	$\frac{281}{597}$	$\Phi_{597}^{3}\ \Phi_{199}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
138456	1792	2245	$\frac{17}{449}$	$\frac{27}{449}$	$\frac{1}{5}$	$\frac{211}{449}$	Φ_{2245}
138457	1792	1791	$\frac{47}{1791}$	$\frac{109}{1791}$	$\frac{475}{1791}$	$\frac{841}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138458	1792	897	$\frac{17}{897}$	$\frac{55}{897}$	$\frac{1}{3}$	$\frac{421}{897}$	$\Phi_{897}^{2}\ \Phi_{299}^{2}\ \Phi_{69}^{2}\ \Phi_{39}^{2}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
138459	1792	1921	$\frac{1}{17}$	$\frac{7}{113}$	$\frac{15}{113}$	$\frac{53}{113}$	Φ_{1921}
138460	1792	1791	$\frac{113}{1791}$	$\frac{119}{1791}$	$\frac{209}{1791}$	$\frac{839}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138461	1792	285	$\frac{1}{57}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{285}^{6}\ \Phi_{95}^{6}\ \Phi_{57}^{8}\ \Phi_{19}^{8}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
138462	1792	555	$\frac{1}{37}$	$\frac{1}{15}$	$\frac{9}{37}$	$\frac{7}{15}$	$\Phi_{555}^{3}\ \Phi_{185}^{3}\ \Phi_{111}^{3}\ \Phi_{37}^{6}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
138463	1792	435	$\frac{1}{29}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{435}^{4}\ \Phi_{145}^{5}\ \Phi_{87}^{4}\ \Phi_{29}^{4}$
138464	1792	555	$\frac{2}{37}$	$\frac{1}{15}$	$\frac{5}{37}$	$\frac{7}{15}$	$\Phi_{555}^{3}\ \Phi_{185}^{3}\ \Phi_{111}^{3}\ \Phi_{37}^{6}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
138465	1792	2040	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{15}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}^{2}\ \Phi_{102}\ \Phi_{68}^{2}\ \Phi_{34}^{2}$
138466	1792	555	$\frac{7}{111}$	$\frac{1}{15}$	$\frac{13}{111}$	$\frac{7}{15}$	$\Phi_{555}^{3}\ \Phi_{185}^{3}\ \Phi_{111}^{4}\ \Phi_{37}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
138467	1792	45	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{7}{15}$	$\Phi_{45}^{45}\ \Phi_{15}^{30}\ \Phi_{9}^{44}\ \Phi_{5}^{30}\ \Phi_{3}^{29}\ \Phi_{1}^{30}$
138468	1792	1791	$\frac{97}{1791}$	$\frac{121}{1791}$	$\frac{239}{1791}$	$\frac{835}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138469	1792	2245	$\frac{15}{449}$	$\frac{31}{449}$	$\frac{1}{5}$	$\frac{209}{449}$	Φ_{2245}
138470	1792	1791	$\frac{41}{1791}$	$\frac{125}{1791}$	$\frac{479}{1791}$	$\frac{833}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138471	1792	897	$\frac{5}{299}$	$\frac{21}{299}$	$\frac{1}{3}$	$\frac{139}{299}$	$\Phi_{897}^{3}\ \Phi_{69}^{3}\ \Phi_{39}^{3}\ \Phi_{3}^{2}$
138472	1792	195	$\frac{1}{65}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{195}^{14}\ \Phi_{39}^{13}\ \Phi_{15}^{14}\ \Phi_{3}^{12}$
138473	1792	1651	$\frac{3}{127}$	$\frac{1}{13}$	$\frac{31}{127}$	$\frac{6}{13}$	$\Phi_{1651}\ \Phi_{127}^{2}\ \Phi_{13}^{2}\ \Phi_{1}^{4}$
138474	1792	2145	$\frac{1}{33}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{195}\ \Phi_{165}^{2}\ \Phi_{55}^{2}\ \Phi_{15}^{2}$
138475	1792	1131	$\frac{1}{29}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{1131}^{2}\ \Phi_{377}\ \Phi_{87}^{2}$
138476	1792	1651	$\frac{7}{127}$	$\frac{1}{13}$	$\frac{15}{127}$	$\frac{6}{13}$	$\Phi_{1651}\ \Phi_{127}^{2}\ \Phi_{13}^{2}\ \Phi_{1}^{4}$
138477	1792	1989	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{6}{13}$	$\Phi_{1989}\ \Phi_{663}\ \Phi_{153}^{2}\ \Phi_{51}^{2}$
138478	1792	207	$\frac{1}{69}$	$\frac{17}{207}$	$\frac{1}{3}$	$\frac{95}{207}$	$\Phi_{207}^{8}\ \Phi_{69}^{10}\ \Phi_{23}^{10}\ \Phi_{9}^{8}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
138479	1792	627	$\frac{1}{57}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{627}^{3}\ \Phi_{209}^{3}\ \Phi_{57}^{2}\ \Phi_{33}^{3}\ \Phi_{19}^{2}\ \Phi_{3}^{2}$
138480	1792	1791	$\frac{35}{1791}$	$\frac{169}{1791}$	$\frac{439}{1791}$	$\frac{811}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138481	1792	1885	$\frac{1}{65}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{1885}\ \Phi_{377}\ \Phi_{145}$
138482	1792	405	$\frac{2}{45}$	$\frac{43}{405}$	$\frac{1}{9}$	$\frac{181}{405}$	$\Phi_{405}^{4}\ \Phi_{135}^{4}\ \Phi_{81}^{4}\ \Phi_{45}^{8}\ \Phi_{27}^{4}\ \Phi_{15}^{8}\ \Phi_{9}^{7}\ \Phi_{5}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
138483	1792	1885	$\frac{1}{29}$	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{29}{65}$	$\Phi_{1885}\ \Phi_{377}\ \Phi_{145}$
138484	1792	1791	$\frac{31}{1791}$	$\frac{193}{1791}$	$\frac{440}{1791}$	$\frac{799}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138485	1792	1791	$\frac{62}{1791}$	$\frac{193}{1791}$	$\frac{247}{1791}$	$\frac{799}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138486	1792	1791	$\frac{71}{1791}$	$\frac{197}{1791}$	$\frac{215}{1791}$	$\frac{797}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138487	1792	297	$\frac{5}{297}$	$\frac{1}{9}$	$\frac{73}{297}$	$\frac{4}{9}$	$\Phi_{297}^{6}\ \Phi_{99}^{6}\ \Phi_{33}^{6}\ \Phi_{27}^{6}\ \Phi_{11}^{6}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
138488	1792	459	$\frac{11}{459}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{459}^{4}\ \Phi_{153}^{4}\ \Phi_{51}^{4}\ \Phi_{27}^{2}\ \Phi_{17}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
138489	1792	117	$\frac{5}{117}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{117}^{16}\ \Phi_{39}^{16}\ \Phi_{13}^{16}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
138490	1792	495	$\frac{5}{99}$	$\frac{47}{495}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{495}^{4}\ \Phi_{165}^{4}\ \Phi_{99}^{2}\ \Phi_{55}^{4}\ \Phi_{45}^{4}\ \Phi_{33}^{2}\ \Phi_{15}^{4}\ \Phi_{11}^{2}\ \Phi_{9}^{3}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
138491	1792	243	$\frac{5}{81}$	$\frac{19}{243}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{243}^{8}\ \Phi_{81}^{6}\ \Phi_{27}^{6}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
138492	1792	1921	$\frac{1}{17}$	$\frac{9}{113}$	$\frac{13}{113}$	$\frac{50}{113}$	Φ_{1921}
138493	1792	645	$\frac{1}{15}$	$\frac{3}{43}$	$\frac{5}{43}$	$\frac{19}{43}$	$\Phi_{645}^{3}\ \Phi_{215}^{3}\ \Phi_{129}^{3}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}$
138494	1792	1791	$\frac{119}{1791}$	$\frac{125}{1791}$	$\frac{209}{1791}$	$\frac{791}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138495	1792	1791	$\frac{103}{1791}$	$\frac{143}{1791}$	$\frac{211}{1791}$	$\frac{790}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138496	1792	225	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{3}{25}$	$\frac{11}{25}$	$\Phi_{225}^{9}\ \Phi_{75}^{9}\ \Phi_{45}^{9}\ \Phi_{15}^{9}\ \Phi_{9}^{8}\ \Phi_{3}^{8}$
138497	1792	2056	$\frac{9}{257}$	$\frac{31}{257}$	$\frac{1}{8}$	$\frac{113}{257}$	$\Phi_{2056}\ \Phi_{1028}\ \Phi_{514}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
138498	1792	1791	$\frac{55}{1791}$	$\frac{217}{1791}$	$\frac{251}{1791}$	$\frac{787}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138499	1792	2245	$\frac{9}{449}$	$\frac{55}{449}$	$\frac{1}{5}$	$\frac{197}{449}$	Φ_{2245}
138500	1792	627	$\frac{1}{33}$	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{25}{57}$	$\Phi_{627}^{3}\ \Phi_{209}^{3}\ \Phi_{57}^{2}\ \Phi_{33}^{2}\ \Phi_{19}^{2}\ \Phi_{11}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
138501	1792	1791	$\frac{23}{1791}$	$\frac{221}{1791}$	$\frac{503}{1791}$	$\frac{785}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138502	1792	897	$\frac{3}{299}$	$\frac{37}{299}$	$\frac{1}{3}$	$\frac{131}{299}$	$\Phi_{897}^{3}\ \Phi_{69}^{3}\ \Phi_{39}^{3}\ \Phi_{3}^{2}$
138503	1792	199	$\frac{3}{199}$	$\frac{25}{199}$	$\frac{49}{199}$	$\frac{87}{199}$	$\Phi_{199}^{9}\ \Phi_{1}^{10}$
138504	1792	199	$\frac{7}{199}$	$\frac{24}{199}$	$\frac{25}{199}$	$\frac{87}{199}$	$\Phi_{199}^{9}\ \Phi_{1}^{10}$
138505	1792	1921	$\frac{1}{17}$	$\frac{8}{113}$	$\frac{15}{113}$	$\frac{49}{113}$	Φ_{1921}
138506	1792	1791	$\frac{104}{1791}$	$\frac{127}{1791}$	$\frac{241}{1791}$	$\frac{775}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138507	1792	225	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{31}{225}$	$\frac{97}{225}$	$\Phi_{225}^{8}\ \Phi_{75}^{8}\ \Phi_{45}^{8}\ \Phi_{25}^{8}\ \Phi_{15}^{8}\ \Phi_{9}^{7}\ \Phi_{5}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
138508	1792	597	$\frac{16}{597}$	$\frac{83}{597}$	$\frac{85}{597}$	$\frac{257}{597}$	$\Phi_{597}^{3}\ \Phi_{199}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
138509	1792	2245	$\frac{8}{449}$	$\frac{63}{449}$	$\frac{1}{5}$	$\frac{193}{449}$	Φ_{2245}
138510	1792	1791	$\frac{20}{1791}$	$\frac{253}{1791}$	$\frac{511}{1791}$	$\frac{769}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138511	1792	897	$\frac{8}{897}$	$\frac{127}{897}$	$\frac{1}{3}$	$\frac{385}{897}$	$\Phi_{897}^{2}\ \Phi_{299}^{2}\ \Phi_{69}^{2}\ \Phi_{39}^{2}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
138512	1792	2373	$\frac{1}{113}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{2373}\ \Phi_{339}^{2}$
138513	1792	1561	$\frac{3}{223}$	$\frac{1}{7}$	$\frac{55}{223}$	$\frac{3}{7}$	$\Phi_{1561}\ \Phi_{223}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
138514	1792	1995	$\frac{1}{57}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{285}^{2}\ \Phi_{105}\ \Phi_{95}^{2}\ \Phi_{15}^{2}$
138515	1792	1561	$\frac{6}{223}$	$\frac{31}{223}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1561}\ \Phi_{223}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
138516	1792	1848	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}^{2}\ \Phi_{168}\ \Phi_{154}\ \Phi_{132}^{2}\ \Phi_{88}^{2}\ \Phi_{84}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{42}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
138517	1792	1561	$\frac{7}{223}$	$\frac{27}{223}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1561}\ \Phi_{223}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
138518	1792	1827	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{261}^{2}\ \Phi_{87}^{2}$
138519	1792	1561	$\frac{13}{223}$	$\frac{15}{223}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1561}\ \Phi_{223}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
138520	1792	1785	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}^{2}\ \Phi_{85}^{2}\ \Phi_{51}^{2}$
138521	1792	516	$\frac{1}{129}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{516}^{6}\ \Phi_{172}^{6}\ \Phi_{129}^{2}\ \Phi_{43}^{2}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
138522	1792	1020	$\frac{1}{85}$	$\frac{1}{6}$	$\frac{21}{85}$	$\frac{5}{12}$	$\Phi_{1020}^{3}\ \Phi_{340}^{3}\ \Phi_{204}^{3}\ \Phi_{85}^{3}\ \Phi_{68}^{3}\ \Phi_{60}^{3}\ \Phi_{20}^{3}\ \Phi_{17}^{3}\ \Phi_{12}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
138523	1792	780	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{780}^{4}\ \Phi_{260}^{4}\ \Phi_{156}^{4}\ \Phi_{65}^{4}\ \Phi_{60}^{3}\ \Phi_{52}^{4}\ \Phi_{20}^{3}\ \Phi_{13}^{4}\ \Phi_{12}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
138524	1792	612	$\frac{1}{51}$	$\frac{25}{153}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{612}^{6}\ \Phi_{204}^{3}\ \Phi_{153}^{2}\ \Phi_{68}^{3}\ \Phi_{51}\ \Phi_{36}^{6}\ \Phi_{17}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
138525	1792	1020	$\frac{7}{255}$	$\frac{31}{255}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1020}^{3}\ \Phi_{340}^{3}\ \Phi_{255}\ \Phi_{204}^{3}\ \Phi_{85}\ \Phi_{68}^{3}\ \Phi_{60}^{3}\ \Phi_{51}\ \Phi_{20}^{3}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{5}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
138526	1792	396	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{396}^{9}\ \Phi_{132}^{6}\ \Phi_{99}^{3}\ \Phi_{44}^{6}\ \Phi_{36}^{6}\ \Phi_{33}^{2}\ \Phi_{12}^{4}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
138527	1792	540	$\frac{7}{135}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{540}^{6}\ \Phi_{180}^{6}\ \Phi_{135}^{2}\ \Phi_{108}^{6}\ \Phi_{60}^{3}\ \Phi_{45}^{2}\ \Phi_{36}^{6}\ \Phi_{27}^{2}\ \Phi_{20}^{3}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
138528	1792	204	$\frac{1}{17}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{204}^{15}\ \Phi_{68}^{15}\ \Phi_{17}^{15}\ \Phi_{12}^{16}\ \Phi_{4}^{16}\ \Phi_{1}^{16}$
138529	1792	1921	$\frac{1}{113}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	Φ_{1921}
138530	1792	1791	$\frac{19}{1791}$	$\frac{337}{1791}$	$\frac{443}{1791}$	$\frac{727}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138531	1792	1290	$\frac{1}{129}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{1290}^{2}\ \Phi_{645}\ \Phi_{430}^{2}\ \Phi_{258}^{2}\ \Phi_{215}\ \Phi_{86}^{2}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{6}^{2}$
138532	1792	1035	$\frac{3}{115}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1035}^{2}\ \Phi_{345}^{2}\ \Phi_{207}^{2}\ \Phi_{69}^{2}\ \Phi_{45}\ \Phi_{15}$
138533	1792	1015	$\frac{1}{29}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1015}^{2}\ \Phi_{203}^{2}\ \Phi_{145}$
138534	1792	627	$\frac{1}{57}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{627}^{3}\ \Phi_{209}^{3}\ \Phi_{57}^{2}\ \Phi_{33}^{2}\ \Phi_{19}^{2}\ \Phi_{11}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
138535	1792	1791	$\frac{34}{1791}$	$\frac{251}{1791}$	$\frac{385}{1791}$	$\frac{703}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
138536	1792	597	$\frac{13}{597}$	$\frac{73}{597}$	$\frac{131}{597}$	$\frac{233}{597}$	$\Phi_{597}^{3}\ \Phi_{199}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
138537	1792	627	$\frac{1}{33}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{627}^{3}\ \Phi_{209}^{3}\ \Phi_{57}^{2}\ \Phi_{33}^{2}\ \Phi_{19}^{2}\ \Phi_{11}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
138538	1792	377	$\frac{1}{29}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{377}^{5}\ \Phi_{29}^{4}$
138539	1792	597	$\frac{23}{597}$	$\frac{41}{597}$	$\frac{139}{597}$	$\frac{229}{597}$	$\Phi_{597}^{3}\ \Phi_{199}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
138540	1792	1791	$\frac{79}{1791}$	$\frac{107}{1791}$	$\frac{421}{1791}$	$\frac{685}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138541	1792	1921	$\frac{5}{113}$	$\frac{1}{17}$	$\frac{27}{113}$	$\frac{43}{113}$	Φ_{1921}
138542	1792	645	$\frac{5}{129}$	$\frac{1}{15}$	$\frac{31}{129}$	$\frac{49}{129}$	$\Phi_{645}^{3}\ \Phi_{215}^{3}\ \Phi_{129}^{2}\ \Phi_{43}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
138543	1792	1791	$\frac{59}{1791}$	$\frac{139}{1791}$	$\frac{433}{1791}$	$\frac{679}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138544	1792	597	$\frac{17}{597}$	$\frac{53}{597}$	$\frac{145}{597}$	$\frac{226}{597}$	$\Phi_{597}^{3}\ \Phi_{199}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
138545	1792	45	$\frac{1}{45}$	$\frac{1}{9}$	$\frac{11}{45}$	$\frac{17}{45}$	$\Phi_{45}^{40}\ \Phi_{15}^{40}\ \Phi_{9}^{39}\ \Phi_{5}^{40}\ \Phi_{3}^{39}\ \Phi_{1}^{40}$
138546	1792	2056	$\frac{5}{257}$	$\frac{1}{8}$	$\frac{63}{257}$	$\frac{97}{257}$	$\Phi_{2056}\ \Phi_{1028}\ \Phi_{514}$
138547	1792	199	$\frac{3}{199}$	$\frac{31}{199}$	$\frac{49}{199}$	$\frac{75}{199}$	$\Phi_{199}^{9}\ \Phi_{1}^{10}$
138548	1792	2245	$\frac{5}{449}$	$\frac{1}{5}$	$\frac{111}{449}$	$\frac{169}{449}$	Φ_{2245}
138549	1792	1791	$\frac{11}{1791}$	$\frac{445}{1791}$	$\frac{559}{1791}$	$\frac{673}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138550	1792	897	$\frac{5}{897}$	$\frac{223}{897}$	$\frac{1}{3}$	$\frac{337}{897}$	$\Phi_{897}^{2}\ \Phi_{299}^{2}\ \Phi_{69}^{2}\ \Phi_{39}^{2}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
138551	1792	675	$\frac{4}{225}$	$\frac{1}{9}$	$\frac{221}{675}$	$\frac{227}{675}$	$\Phi_{675}^{2}\ \Phi_{225}^{4}\ \Phi_{135}^{2}\ \Phi_{75}^{4}\ \Phi_{45}^{4}\ \Phi_{27}^{2}\ \Phi_{25}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{3}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
138552	1792	225	$\frac{1}{225}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{225}^{8}\ \Phi_{75}^{8}\ \Phi_{45}^{8}\ \Phi_{25}^{8}\ \Phi_{15}^{8}\ \Phi_{9}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
138553	1792	1341	$\frac{2}{447}$	$\frac{445}{1341}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1341}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
138554	1792	447	$\frac{1}{149}$	$\frac{37}{149}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{447}^{3}\ \Phi_{149}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
138555	1792	387	$\frac{1}{129}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{387}^{6}\ \Phi_{129}^{2}\ \Phi_{43}^{2}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
138556	1792	1695	$\frac{1}{113}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1695}\ \Phi_{565}^{2}$
138557	1792	447	$\frac{2}{149}$	$\frac{21}{149}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{447}^{3}\ \Phi_{149}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
138558	1792	1560	$\frac{1}{65}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}^{2}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}^{2}\ \Phi_{156}\ \Phi_{130}^{2}\ \Phi_{120}\ \Phi_{104}^{2}$ $\Phi_{78}\ \Phi_{60}\ \Phi_{52}^{2}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{26}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
138559	1792	447	$\frac{7}{447}$	$\frac{55}{447}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{447}^{4}\ \Phi_{149}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
138560	1792	171	$\frac{1}{57}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{171}^{12}\ \Phi_{57}^{8}\ \Phi_{19}^{8}\ \Phi_{9}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
138561	1792	447	$\frac{13}{447}$	$\frac{31}{447}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{447}^{4}\ \Phi_{149}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
138562	1792	165	$\frac{1}{33}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}^{12}\ \Phi_{55}^{12}\ \Phi_{33}^{8}\ \Phi_{15}^{8}\ \Phi_{11}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
138563	1792	447	$\frac{5}{149}$	$\frac{9}{149}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{447}^{3}\ \Phi_{149}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
138564	1792	1479	$\frac{1}{29}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1479}\ \Phi_{493}^{2}$
138565	1792	765	$\frac{2}{255}$	$\frac{2}{9}$	$\frac{253}{765}$	$\frac{1}{3}$	$\Phi_{765}^{2}\ \Phi_{255}^{3}\ \Phi_{153}^{2}\ \Phi_{85}^{3}\ \Phi_{51}^{3}\ \Phi_{45}^{2}\ \Phi_{17}^{3}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
138566	1792	1035	$\frac{1}{69}$	$\frac{139}{1035}$	$\frac{68}{207}$	$\frac{1}{3}$	$\Phi_{1035}^{2}\ \Phi_{345}^{2}\ \Phi_{115}^{2}\ \Phi_{69}^{2}\ \Phi_{45}^{2}\ \Phi_{23}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
138567	1792	333	$\frac{2}{111}$	$\frac{1}{9}$	$\frac{109}{333}$	$\frac{1}{3}$	$\Phi_{333}^{5}\ \Phi_{111}^{6}\ \Phi_{37}^{6}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
138568	1792	663	$\frac{6}{221}$	$\frac{1}{13}$	$\frac{215}{663}$	$\frac{1}{3}$	$\Phi_{663}^{2}\ \Phi_{221}^{4}\ \Phi_{51}^{2}\ \Phi_{39}^{3}\ \Phi_{17}^{4}\ \Phi_{13}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
138569	1792	945	$\frac{2}{63}$	$\frac{1}{15}$	$\frac{61}{189}$	$\frac{1}{3}$	$\Phi_{945}^{3}\ \Phi_{189}^{2}\ \Phi_{135}^{3}\ \Phi_{27}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
138570	1792	1311	$\frac{1}{23}$	$\frac{22}{437}$	$\frac{415}{1311}$	$\frac{1}{3}$	$\Phi_{1311}\ \Phi_{437}^{2}\ \Phi_{69}^{2}\ \Phi_{57}\ \Phi_{23}^{2}\ \Phi_{19}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
138571	1792	117	$\frac{5}{117}$	$\frac{2}{39}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{117}^{15}\ \Phi_{39}^{16}\ \Phi_{13}^{16}\ \Phi_{9}^{15}\ \Phi_{3}^{15}\ \Phi_{1}^{16}$
138572	1792	891	$\frac{1}{33}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{891}^{3}\ \Phi_{81}^{2}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
138573	1792	345	$\frac{3}{115}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{345}^{8}\ \Phi_{69}^{7}\ \Phi_{15}^{8}\ \Phi_{3}^{6}$
138574	1792	1287	$\frac{1}{39}$	$\frac{38}{429}$	$\frac{391}{1287}$	$\frac{1}{3}$	$\Phi_{1287}^{2}\ \Phi_{117}^{2}\ \Phi_{99}^{2}\ \Phi_{39}^{2}\ \Phi_{13}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
138575	1792	855	$\frac{1}{57}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{855}^{3}\ \Phi_{171}^{3}\ \Phi_{57}^{2}\ \Phi_{45}^{2}\ \Phi_{19}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
138576	1792	621	$\frac{1}{69}$	$\frac{34}{207}$	$\frac{173}{621}$	$\frac{1}{3}$	$\Phi_{621}^{4}\ \Phi_{69}^{2}\ \Phi_{27}^{4}\ \Phi_{23}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
138577	1792	765	$\frac{1}{85}$	$\frac{2}{9}$	$\frac{21}{85}$	$\frac{1}{3}$	$\Phi_{765}^{3}\ \Phi_{153}^{3}\ \Phi_{85}^{3}\ \Phi_{45}^{3}\ \Phi_{17}^{3}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
138578	1792	3345	$\frac{3}{223}$	$\frac{1}{5}$	$\frac{55}{223}$	$\frac{1}{3}$	$\Phi_{3345}\ \Phi_{15}^{2}$
138579	1792	69	$\frac{1}{69}$	$\frac{13}{69}$	$\frac{17}{69}$	$\frac{1}{3}$	$\Phi_{69}^{26}\ \Phi_{23}^{26}\ \Phi_{3}^{25}\ \Phi_{1}^{26}$
138580	1792	3048	$\frac{3}{127}$	$\frac{1}{8}$	$\frac{31}{127}$	$\frac{1}{3}$	$\Phi_{3048}\ \Phi_{1524}\ \Phi_{762}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
138581	1792	333	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{9}{37}$	$\frac{1}{3}$	$\Phi_{333}^{6}\ \Phi_{111}^{3}\ \Phi_{37}^{6}\ \Phi_{9}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
138582	1792	897	$\frac{25}{897}$	$\frac{97}{897}$	$\frac{218}{897}$	$\frac{1}{3}$	$\Phi_{897}^{2}\ \Phi_{299}^{2}\ \Phi_{69}^{2}\ \Phi_{39}^{2}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
138583	1792	897	$\frac{29}{897}$	$\frac{85}{897}$	$\frac{217}{897}$	$\frac{1}{3}$	$\Phi_{897}^{2}\ \Phi_{299}^{2}\ \Phi_{69}^{2}\ \Phi_{39}^{2}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
138584	1792	105	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{5}{21}$	$\frac{1}{3}$	$\Phi_{105}^{18}\ \Phi_{35}^{18}\ \Phi_{21}^{12}\ \Phi_{15}^{20}\ \Phi_{7}^{12}\ \Phi_{5}^{20}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
138585	1792	2805	$\frac{3}{55}$	$\frac{1}{17}$	$\frac{13}{55}$	$\frac{1}{3}$	$\Phi_{2805}\ \Phi_{561}\ \Phi_{255}\ \Phi_{51}^{2}$
138586	1792	897	$\frac{49}{897}$	$\frac{53}{897}$	$\frac{211}{897}$	$\frac{1}{3}$	$\Phi_{897}^{2}\ \Phi_{299}^{2}\ \Phi_{69}^{2}\ \Phi_{39}^{2}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
138587	1792	585	$\frac{2}{39}$	$\frac{37}{585}$	$\frac{137}{585}$	$\frac{1}{3}$	$\Phi_{585}^{3}\ \Phi_{195}^{3}\ \Phi_{117}^{3}\ \Phi_{65}^{3}\ \Phi_{45}^{3}\ \Phi_{39}^{4}\ \Phi_{15}^{3}\ \Phi_{13}^{4}\ \Phi_{9}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
138588	1792	897	$\frac{43}{897}$	$\frac{61}{897}$	$\frac{209}{897}$	$\frac{1}{3}$	$\Phi_{897}^{2}\ \Phi_{299}^{2}\ \Phi_{69}^{2}\ \Phi_{39}^{2}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
138589	1792	117	$\frac{5}{117}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{117}^{16}\ \Phi_{39}^{13}\ \Phi_{13}^{16}\ \Phi_{9}^{16}\ \Phi_{3}^{12}\ \Phi_{1}^{16}$
138590	1792	2697	$\frac{1}{29}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{2697}\ \Phi_{87}^{2}$
138591	1792	585	$\frac{1}{65}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{585}^{4}\ \Phi_{117}^{4}\ \Phi_{65}^{4}\ \Phi_{45}^{3}\ \Phi_{13}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
138592	1792	153	$\frac{1}{51}$	$\frac{25}{153}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{153}^{11}\ \Phi_{51}^{13}\ \Phi_{17}^{13}\ \Phi_{9}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
138593	1792	765	$\frac{7}{255}$	$\frac{31}{255}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{765}^{3}\ \Phi_{255}\ \Phi_{153}^{3}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}^{3}\ \Phi_{17}\ \Phi_{15}\ \Phi_{9}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
138594	1792	99	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{99}^{18}\ \Phi_{33}^{20}\ \Phi_{11}^{20}\ \Phi_{9}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
138595	1792	135	$\frac{7}{135}$	$\frac{1}{15}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{135}^{14}\ \Phi_{45}^{11}\ \Phi_{27}^{14}\ \Phi_{15}^{13}\ \Phi_{9}^{12}\ \Phi_{5}^{13}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
138596	1792	153	$\frac{1}{17}$	$\frac{1}{17}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{153}^{15}\ \Phi_{17}^{15}\ \Phi_{9}^{16}\ \Phi_{1}^{16}$
138597	1792	897	$\frac{25}{897}$	$\frac{109}{897}$	$\frac{197}{897}$	$\frac{1}{3}$	$\Phi_{897}^{2}\ \Phi_{299}^{2}\ \Phi_{69}^{2}\ \Phi_{39}^{2}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
138598	1792	897	$\frac{22}{897}$	$\frac{125}{897}$	$\frac{193}{897}$	$\frac{1}{3}$	$\Phi_{897}^{2}\ \Phi_{299}^{2}\ \Phi_{69}^{2}\ \Phi_{39}^{2}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
138599	1792	285	$\frac{1}{57}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{285}^{6}\ \Phi_{95}^{6}\ \Phi_{57}^{8}\ \Phi_{19}^{8}\ \Phi_{15}^{3}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
138600	1792	3345	$\frac{6}{223}$	$\frac{31}{223}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3345}\ \Phi_{15}^{2}$
138601	1792	1320	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{440}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{2}\ \Phi_{120}\ \Phi_{110}^{2}\ \Phi_{60}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
138602	1792	3345	$\frac{7}{223}$	$\frac{27}{223}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3345}\ \Phi_{15}^{2}$
138603	1792	1305	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1305}^{2}\ \Phi_{435}\ \Phi_{145}^{2}$
138604	1792	3345	$\frac{13}{223}$	$\frac{15}{223}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3345}\ \Phi_{15}^{2}$
138605	1792	255	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{255}^{7}\ \Phi_{85}^{8}\ \Phi_{51}^{8}\ \Phi_{17}^{8}$
138606	1792	1035	$\frac{2}{69}$	$\frac{139}{1035}$	$\frac{67}{345}$	$\frac{1}{3}$	$\Phi_{1035}^{2}\ \Phi_{345}\ \Phi_{207}^{2}\ \Phi_{115}\ \Phi_{69}^{2}\ \Phi_{45}^{2}\ \Phi_{23}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
138607	1792	975	$\frac{2}{39}$	$\frac{79}{975}$	$\frac{37}{195}$	$\frac{1}{3}$	$\Phi_{975}^{2}\ \Phi_{325}^{2}\ \Phi_{195}\ \Phi_{75}^{2}\ \Phi_{65}\ \Phi_{39}^{2}\ \Phi_{25}^{2}\ \Phi_{15}\ \Phi_{13}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
138608	1792	3315	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{209}{1105}$	$\frac{1}{3}$	$\Phi_{3315}\ \Phi_{255}\ \Phi_{195}\ \Phi_{39}\ \Phi_{15}$
138609	1792	69	$\frac{4}{69}$	$\frac{5}{69}$	$\frac{13}{69}$	$\frac{1}{3}$	$\Phi_{69}^{26}\ \Phi_{23}^{26}\ \Phi_{3}^{25}\ \Phi_{1}^{26}$
138610	1792	117	$\frac{5}{117}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{117}^{16}\ \Phi_{39}^{14}\ \Phi_{13}^{14}\ \Phi_{9}^{16}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
138611	1792	561	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{3}$	$\Phi_{561}^{3}\ \Phi_{187}^{4}\ \Phi_{51}^{4}\ \Phi_{17}^{4}$
138612	1792	1053	$\frac{2}{39}$	$\frac{37}{351}$	$\frac{157}{1053}$	$\frac{1}{3}$	$\Phi_{1053}^{2}\ \Phi_{351}\ \Phi_{117}\ \Phi_{81}^{2}\ \Phi_{39}^{2}\ \Phi_{27}\ \Phi_{13}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138613	1792	105	$\frac{1}{15}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{105}^{16}\ \Phi_{35}^{18}\ \Phi_{21}^{17}\ \Phi_{15}^{18}\ \Phi_{7}^{18}\ \Phi_{5}^{20}\ \Phi_{3}^{18}\ \Phi_{1}^{20}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
138614	1792	333	$\frac{2}{37}$	$\frac{1}{9}$	$\frac{5}{37}$	$\frac{1}{3}$	$\Phi_{333}^{6}\,\Phi_{111}^{3}\,\Phi_{37}^{6}\,\Phi_{9}^{8}\,\Phi_{3}^{4}\,\Phi_{1}^{8}$
138615	1792	897	$\frac{50}{897}$	$\frac{97}{897}$	$\frac{121}{897}$	$\frac{1}{3}$	$\Phi_{897}^{2}\,\Phi_{299}^{2}\,\Phi_{69}^{2}\,\Phi_{39}^{2}\,\Phi_{23}^{2}\,\Phi_{13}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
138616	1792	69	$\frac{5}{69}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{3}$	$\Phi_{69}^{25}\,\Phi_{23}^{28}\,\Phi_{3}^{24}\,\Phi_{1}^{28}$
138617	1792	735	$\frac{1}{15}$	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{1}{3}$	$\Phi_{735}^{3}\,\Phi_{245}^{3}\,\Phi_{147}^{2}\,\Phi_{49}^{2}\,\Phi_{15}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
138618	1792	2805	$\frac{1}{17}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{3}$	$\Phi_{2805}\,\Phi_{561}\,\Phi_{255}\,\Phi_{51}^{2}$
138619	1792	897	$\frac{49}{897}$	$\frac{106}{897}$	$\frac{113}{897}$	$\frac{1}{3}$	$\Phi_{897}^{2}\,\Phi_{299}^{2}\,\Phi_{69}^{2}\,\Phi_{39}^{2}\,\Phi_{23}^{2}\,\Phi_{13}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
138620	1792	3048	$\frac{7}{127}$	$\frac{15}{127}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{3048}\,\Phi_{1524}\,\Phi_{762}\,\Phi_{24}^{2}\,\Phi_{12}^{2}\,\Phi_{6}^{2}$
138621	1792	1224	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1224}^{2}\,\Phi_{612}^{2}\,\Phi_{408}\,\Phi_{306}^{2}\,\Phi_{204}\,\Phi_{136}^{2}\,\Phi_{102}\,\Phi_{68}^{2}\,\Phi_{34}^{2}$
138622	1792	333	$\frac{7}{111}$	$\frac{1}{9}$	$\frac{13}{111}$	$\frac{1}{3}$	$\Phi_{333}^{6}\,\Phi_{111}^{4}\,\Phi_{37}^{4}\,\Phi_{9}^{8}\,\Phi_{3}^{5}\,\Phi_{1}^{6}$
138623	1792	897	$\frac{19}{299}$	$\frac{33}{299}$	$\frac{35}{299}$	$\frac{1}{3}$	$\Phi_{897}^{3}\,\Phi_{69}^{3}\,\Phi_{39}^{3}\,\Phi_{3}^{2}$
138624	1792	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{45}^{42}\,\Phi_{15}^{44}\,\Phi_{9}^{28}\,\Phi_{5}^{44}\,\Phi_{3}^{29}\,\Phi_{1}^{30}$
138625	1792	495	$\frac{2}{55}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{53}{165}$	$\Phi_{495}^{4}\,\Phi_{165}^{2}\,\Phi_{99}^{4}\,\Phi_{55}^{4}\,\Phi_{45}^{5}\,\Phi_{33}^{2}\,\Phi_{15}^{3}\,\Phi_{11}^{4}\,\Phi_{9}^{4}\,\Phi_{5}^{4}\,\Phi_{3}^{2}\,\Phi_{1}^{4}$
138626	1792	135	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{23}{135}$	$\frac{43}{135}$	$\Phi_{135}^{12}\,\Phi_{45}^{16}\,\Phi_{27}^{12}\,\Phi_{15}^{16}\,\Phi_{9}^{15}\,\Phi_{5}^{16}\,\Phi_{3}^{15}\,\Phi_{1}^{16}$
138627	1792	81	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{25}{81}$	$\Phi_{81}^{32}\,\Phi_{9}^{7}\,\Phi_{3}^{7}\,\Phi_{1}^{8}$
138628	1792	243	$\frac{19}{243}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{243}^{8}\,\Phi_{81}^{8}\,\Phi_{9}^{7}\,\Phi_{3}^{7}\,\Phi_{1}^{8}$
138629	1792	1305	$\frac{1}{29}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{1305}^{2}\,\Phi_{261}^{2}\,\Phi_{145}$
138630	1792	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{13}{45}$	$\Phi_{45}^{38}\,\Phi_{15}^{44}\,\Phi_{9}^{37}\,\Phi_{5}^{44}\,\Phi_{3}^{43}\,\Phi_{1}^{44}$
138631	1792	135	$\frac{7}{135}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{135}$	$\Phi_{135}^{13}\,\Phi_{45}^{14}\,\Phi_{27}^{13}\,\Phi_{15}^{14}\,\Phi_{9}^{13}\,\Phi_{5}^{14}\,\Phi_{3}^{13}\,\Phi_{1}^{14}$
138632	1792	2175	$\frac{1}{29}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2175}\,\Phi_{725}\,\Phi_{145}$
138633	1792	627	$\frac{1}{33}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{627}^{3}\,\Phi_{209}^{3}\,\Phi_{57}^{3}\,\Phi_{33}^{2}\,\Phi_{11}^{2}\,\Phi_{3}^{2}$
138634	1792	645	$\frac{1}{15}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{11}{43}$	$\Phi_{645}^{3}\,\Phi_{215}^{3}\,\Phi_{129}^{3}\,\Phi_{15}^{2}\,\Phi_{5}^{2}\,\Phi_{3}^{2}$
138635	1792	225	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{6}{25}$	$\frac{19}{75}$	$\Phi_{225}^{9}\,\Phi_{75}^{5}\,\Phi_{45}^{9}\,\Phi_{25}^{8}\,\Phi_{15}^{5}\,\Phi_{9}^{8}\,\Phi_{5}^{8}\,\Phi_{3}^{4}\,\Phi_{1}^{8}$
138636	1792	597	$\frac{3}{199}$	$\frac{49}{199}$	$\frac{149}{597}$	$\frac{50}{199}$	$\Phi_{597}^{4}\,\Phi_{199}\,\Phi_{3}^{4}\,\Phi_{1}^{2}$
138637	1792	185	$\frac{1}{37}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{9}{37}$	$\Phi_{185}^{9}\,\Phi_{37}^{12}\,\Phi_{5}^{12}\,\Phi_{1}^{16}$
138638	1792	597	$\frac{17}{597}$	$\frac{113}{597}$	$\frac{121}{597}$	$\frac{145}{597}$	$\Phi_{597}^{3}\,\Phi_{199}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
138639	1792	2245	$\frac{13}{449}$	$\frac{85}{449}$	$\frac{1}{5}$	$\frac{109}{449}$	Φ_{2245}
138640	1792	63	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{5}{21}$	$\Phi_{63}^{27}\,\Phi_{21}^{30}\,\Phi_{9}^{30}\,\Phi_{7}^{30}\,\Phi_{3}^{33}\,\Phi_{1}^{34}$
138641	1792	840	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{5}{21}$	$\Phi_{840}^{3}\,\Phi_{420}^{3}\,\Phi_{280}^{3}\,\Phi_{210}^{3}\,\Phi_{140}^{3}\,\Phi_{120}^{3}\,\Phi_{70}^{3}\,\Phi_{60}^{3}\,\Phi_{40}^{4}\,\Phi_{30}^{3}\,\Phi_{20}^{4}\,\Phi_{10}^{4}$
138642	1792	597	$\frac{29}{597}$	$\frac{65}{597}$	$\frac{133}{597}$	$\frac{142}{597}$	$\Phi_{597}^{3}\,\Phi_{199}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
138643	1792	2056	$\frac{13}{257}$	$\frac{1}{8}$	$\frac{49}{257}$	$\frac{61}{257}$	$\Phi_{2056}\,\Phi_{1028}\,\Phi_{514}$
138644	1792	1705	$\frac{3}{55}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{13}{55}$	$\Phi_{1705}\,\Phi_{341}\,\Phi_{155}\,\Phi_{55}^{2}\,\Phi_{31}^{2}\,\Phi_{11}^{2}\,\Phi_{5}^{2}\,\Phi_{1}^{4}$
138645	1792	495	$\frac{3}{55}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{13}{55}$	$\Phi_{495}^{4}\,\Phi_{165}^{4}\,\Phi_{99}^{4}\,\Phi_{45}^{5}\,\Phi_{33}^{4}\,\Phi_{15}^{5}\,\Phi_{9}^{4}\,\Phi_{3}^{4}$
138646	1792	199	$\frac{11}{199}$	$\frac{19}{199}$	$\frac{45}{199}$	$\frac{47}{199}$	$\Phi_{199}^{9}\,\Phi_{1}^{10}$
138647	1792	199	$\frac{11}{199}$	$\frac{23}{199}$	$\frac{38}{199}$	$\frac{47}{199}$	$\Phi_{199}^{9}\,\Phi_{1}^{10}$
138648	1792	2245	$\frac{25}{449}$	$\frac{49}{449}$	$\frac{1}{5}$	$\frac{106}{449}$	Φ_{2245}
138649	1792	225	$\frac{13}{225}$	$\frac{1}{9}$	$\frac{43}{225}$	$\frac{53}{225}$	$\Phi_{225}^{8}\,\Phi_{75}^{8}\,\Phi_{45}^{8}\,\Phi_{25}^{8}\,\Phi_{15}^{8}\,\Phi_{9}^{7}\,\Phi_{5}^{8}\,\Phi_{3}^{7}\,\Phi_{1}^{8}$
138650	1792	585	$\frac{37}{585}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{137}{585}$	$\Phi_{585}^{3}\,\Phi_{195}^{3}\,\Phi_{117}^{3}\,\Phi_{65}^{3}\,\Phi_{45}^{4}\,\Phi_{39}^{3}\,\Phi_{15}^{4}\,\Phi_{13}^{3}\,\Phi_{9}^{3}\,\Phi_{5}^{4}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
138651	1792	1791	$\frac{115}{1791}$	$\frac{181}{1791}$	$\frac{343}{1791}$	$\frac{419}{1791}$	$\Phi_{1791}\,\Phi_{597}\,\Phi_{199}\,\Phi_{9}\,\Phi_{3}\,\Phi_{1}^{2}$
138652	1792	2245	$\frac{29}{449}$	$\frac{43}{449}$	$\frac{1}{5}$	$\frac{105}{449}$	Φ_{2245}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
138653	1792	465	$\frac{1}{15}$	$\frac{3}{31}$	$\frac{1}{5}$	$\frac{7}{31}$	$\Phi_{465}^{4}\ \Phi_{155}^{3}\ \Phi_{93}^{4}\ \Phi_{31}^{4}\ \Phi_{15}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
138654	1792	1023	$\frac{1}{11}$	$\frac{3}{31}$	$\frac{5}{33}$	$\frac{7}{31}$	$\Phi_{1023}^{2}\ \Phi_{341}\ \Phi_{93}^{2}\ \Phi_{33}^{4}\ \Phi_{31}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
138655	1792	1705	$\frac{3}{31}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{7}{31}$	$\Phi_{1705}\ \Phi_{341}\ \Phi_{155}\ \Phi_{55}^{2}\ \Phi_{31}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
138656	1792	2232	$\frac{3}{31}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{31}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{744}\ \Phi_{558}\ \Phi_{372}\ \Phi_{186}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
138657	1792	645	$\frac{1}{15}$	$\frac{13}{129}$	$\frac{25}{129}$	$\frac{29}{129}$	$\Phi_{645}^{3}\ \Phi_{215}^{3}\ \Phi_{129}^{2}\ \Phi_{43}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
138658	1792	597	$\frac{58}{597}$	$\frac{65}{597}$	$\frac{77}{597}$	$\frac{133}{597}$	$\Phi_{597}^{3}\ \Phi_{199}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
138659	1792	765	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{765}^{3}\ \Phi_{255}^{3}\ \Phi_{85}^{4}$
138660	1792	315	$\frac{3}{35}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{9}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{63}^{3}\ \Phi_{45}^{6}\ \Phi_{35}^{8}\ \Phi_{21}^{3}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{4}\ \Phi_{5}^{8}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
138661	1792	9	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{2}{9}$	$\Phi_{9}^{199}\ \Phi_{3}^{199}\ \Phi_{1}^{200}$
138662	1792	2056	$\frac{25}{257}$	$\frac{29}{257}$	$\frac{1}{8}$	$\frac{57}{257}$	$\Phi_{2056}\ \Phi_{1028}\ \Phi_{514}$
138663	1792	1921	$\frac{1}{17}$	$\frac{13}{113}$	$\frac{22}{113}$	$\frac{25}{113}$	Φ_{1921}
138664	1792	1791	$\frac{103}{1791}$	$\frac{211}{1791}$	$\frac{349}{1791}$	$\frac{395}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138665	1792	2245	$\frac{25}{449}$	$\frac{53}{449}$	$\frac{1}{5}$	$\frac{99}{449}$	Φ_{2245}
138666	1792	1791	$\frac{175}{1791}$	$\frac{202}{1791}$	$\frac{227}{1791}$	$\frac{391}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
138667	1792	225	$\frac{22}{225}$	$\frac{1}{9}$	$\frac{29}{225}$	$\frac{49}{225}$	$\Phi_{225}^{8}\ \Phi_{75}^{8}\ \Phi_{45}^{8}\ \Phi_{25}^{8}\ \Phi_{15}^{8}\ \Phi_{9}^{7}\ \Phi_{5}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
138668	1792	199	$\frac{10}{199}$	$\frac{27}{199}$	$\frac{39}{199}$	$\frac{43}{199}$	$\Phi_{199}^{9}\ \Phi_{1}^{10}$
138669	1792	2245	$\frac{22}{449}$	$\frac{61}{449}$	$\frac{1}{5}$	$\frac{97}{449}$	Φ_{2245}
138670	1792	145	$\frac{1}{29}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{145}^{13}\ \Phi_{29}^{12}$
138671	1792	185	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{185}^{9}\ \Phi_{37}^{12}\ \Phi_{5}^{12}\ \Phi_{1}^{16}$
138672	1792	680	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{680}^{3}\ \Phi_{340}^{3}\ \Phi_{170}^{3}\ \Phi_{136}^{4}\ \Phi_{68}^{4}\ \Phi_{34}^{4}$
138673	1792	555	$\frac{7}{111}$	$\frac{13}{111}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{555}^{3}\ \Phi_{185}^{3}\ \Phi_{111}^{4}\ \Phi_{37}^{4}\ \Phi_{15}^{3}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
138674	1792	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{45}^{45}\ \Phi_{15}^{29}\ \Phi_{9}^{44}\ \Phi_{5}^{32}\ \Phi_{3}^{28}\ \Phi_{1}^{32}$
138675	1792	2475	$\frac{4}{55}$	$\frac{1}{9}$	$\frac{51}{275}$	$\frac{1}{5}$	$\Phi_{2475}\ \Phi_{825}\ \Phi_{225}\ \Phi_{75}\ \Phi_{45}\ \Phi_{15}$
138676	1792	495	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{33}$	$\frac{1}{5}$	$\Phi_{495}^{5}\ \Phi_{165}^{3}\ \Phi_{55}^{4}\ \Phi_{45}^{6}\ \Phi_{15}^{4}\ \Phi_{5}^{4}$
138677	1792	280	$\frac{3}{35}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{280}^{7}\ \Phi_{140}^{7}\ \Phi_{70}^{7}\ \Phi_{56}^{8}\ \Phi_{40}^{8}\ \Phi_{28}^{8}\ \Phi_{20}^{8}\ \Phi_{14}^{8}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}$
138678	1792	495	$\frac{6}{55}$	$\frac{1}{9}$	$\frac{7}{55}$	$\frac{1}{5}$	$\Phi_{495}^{4}\ \Phi_{165}^{4}\ \Phi_{99}^{4}\ \Phi_{45}^{5}\ \Phi_{33}^{4}\ \Phi_{15}^{5}\ \Phi_{9}^{4}\ \Phi_{3}^{4}$
138679	1792	2245	$\frac{49}{449}$	$\frac{50}{449}$	$\frac{57}{449}$	$\frac{1}{5}$	Φ_{2245}
138680	1792	360	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{5}$	$\Phi_{360}^{7}\ \Phi_{180}^{7}\ \Phi_{120}^{7}\ \Phi_{90}^{7}\ \Phi_{60}^{7}\ \Phi_{40}^{8}\ \Phi_{30}^{7}\ \Phi_{20}^{8}\ \Phi_{10}^{8}$
138681	1792	135	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{135}$	$\Phi_{135}^{16}\ \Phi_{45}^{16}\ \Phi_{15}^{16}\ \Phi_{9}^{7}\ \Phi_{5}^{16}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
138682	1793	3072	$\frac{1}{256}$	$\frac{257}{1536}$	$\frac{1279}{3072}$	$\frac{255}{512}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{512}\ \Phi_{1}$
138683	1793	1620	$\frac{1}{162}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{161}{324}$	$\Phi_{810}^{2}\ \Phi_{405}^{2}\ \Phi_{324}\ \Phi_{270}^{2}\ \Phi_{162}^{2}\ \Phi_{135}^{2}\ \Phi_{108}\ \Phi_{90}^{2}\ \Phi_{81}^{2}\ \Phi_{54}^{2}\ \Phi_{45}^{2}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{27}^{2}\ \Phi_{20}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
138684	1793	1620	$\frac{1}{162}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{161}{324}$	$\Phi_{1620}^{2}\ \Phi_{540}^{2}\ \Phi_{324}^{3}\ \Phi_{180}^{2}\ \Phi_{108}^{3}\ \Phi_{60}^{2}\ \Phi_{36}^{3}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
138685	1793	3552	$\frac{17}{1776}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1759}{3552}$	$\Phi_{3552}\ \Phi_{1184}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
138686	1793	2400	$\frac{7}{600}$	$\frac{1}{8}$	$\frac{607}{2400}$	$\frac{593}{1200}$	$\Phi_{2400}\ \Phi_{800}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{200}\ \Phi_{160}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
138687	1793	322	$\frac{2}{161}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{159}{322}$	$\Phi_{322}^{4}\ \Phi_{161}^{7}\ \Phi_{46}^{4}\ \Phi_{23}^{7}\ \Phi_{14}^{6}\ \Phi_{7}^{8}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
138688	1793	3528	$\frac{29}{1764}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1735}{3528}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{392}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
138689	1793	320	$\frac{3}{160}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{157}{320}$	$\Phi_{320}^{11}\ \Phi_{64}^{11}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
138690	1793	960	$\frac{3}{160}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{157}{320}$	$\Phi_{960}^{4}\ \Phi_{320}^{3}\ \Phi_{192}^{4}\ \Phi_{64}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
138691	1793	320	$\frac{3}{160}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{157}{320}$	$\Phi_{320}^{11}\ \Phi_{64}^{11}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
138692	1793	2160	$\frac{7}{360}$	$\frac{1}{8}$	$\frac{367}{2160}$	$\frac{353}{720}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
138693	1793	2408	$\frac{13}{602}$	$\frac{1}{14}$	$\frac{615}{2408}$	$\frac{589}{1204}$	$\Phi_{2408}\ \Phi_{602}\ \Phi_{344}\ \Phi_{301}\ \Phi_{86}\ \Phi_{56}\ \Phi_{43}\ \Phi_{8}\ \Phi_{1}$
138694	1793	2000	$\frac{7}{200}$	$\frac{207}{2000}$	$\frac{1}{8}$	$\frac{193}{400}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
138695	1793	3456	$\frac{1}{32}$	$\frac{65}{1728}$	$\frac{31}{96}$	$\frac{1663}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
138696	1793	3456	$\frac{65}{1728}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1663}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
138697	1793	2432	$\frac{1}{32}$	$\frac{31}{608}$	$\frac{639}{2432}$	$\frac{577}{1216}$	$\Phi_{2432}\ \Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{128}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{1}$
138698	1793	1920	$\frac{7}{120}$	$\frac{127}{1920}$	$\frac{1}{8}$	$\frac{113}{240}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
138699	1793	3360	$\frac{1}{56}$	$\frac{113}{1680}$	$\frac{55}{168}$	$\frac{1567}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{168}\ \Phi_{160}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
138700	1793	3360	$\frac{1}{28}$	$\frac{113}{1680}$	$\frac{27}{140}$	$\frac{1567}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{96}\ \Phi_{70}\ \Phi_{35}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
138701	1793	3360	$\frac{7}{120}$	$\frac{113}{1680}$	$\frac{1}{8}$	$\frac{1567}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
138702	1793	2184	$\frac{1}{28}$	$\frac{27}{364}$	$\frac{391}{2184}$	$\frac{337}{728}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{312}\ \Phi_{273}\ \Phi_{182}\ \Phi_{168}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}\ \Phi_{42}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{21}\ \Phi_{13}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
138703	1793	224	$\frac{1}{56}$	$\frac{5}{56}$	$\frac{61}{224}$	$\frac{51}{112}$	$\Phi_{224}^{11}\ \Phi_{56}^{10}\ \Phi_{32}^{11}\ \Phi_{28}^{10}\ \Phi_{14}^{10}\ \Phi_{8}^{10}\ \Phi_{7}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
138704	1793	1872	$\frac{79}{1872}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{144}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{24}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
138705	1793	660	$\frac{2}{165}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{660}^{5}\ \Phi_{220}^{5}\ \Phi_{165}\ \Phi_{132}^{5}\ \Phi_{60}^{4}\ \Phi_{55}\ \Phi_{44}^{5}\ \Phi_{33}\ \Phi_{20}^{5}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{11}\ \Phi_{5}\ \Phi_{4}^{5}\ \Phi_{1}$
138706	1793	4860	$\frac{1}{81}$	$\frac{1}{10}$	$\frac{80}{243}$	$\frac{9}{20}$	$\Phi_{4860}\ \Phi_{972}\ \Phi_{243}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
138707	1793	1080	$\frac{1}{54}$	$\frac{1}{10}$	$\frac{53}{216}$	$\frac{9}{20}$	$\Phi_{1080}^{2}\ \Phi_{360}^{2}\ \Phi_{270}^{2}\ \Phi_{216}^{3}\ \Phi_{135}^{2}\ \Phi_{120}^{2}\ \Phi_{108}\ \Phi_{90}^{2}\ \Phi_{72}^{3}\ \Phi_{54}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{27}^{2}\ \Phi_{24}^{3}\ \Phi_{20}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
138708	1793	840	$\frac{5}{168}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{3}\ \Phi_{140}^{2}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{3}\ \Phi_{70}^{2}\ \Phi_{56}^{3}\ \Phi_{42}^{3}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{28}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{14}^{3}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
138709	1793	3780	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{26}{189}$	$\frac{9}{20}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{420}\ \Phi_{252}\ \Phi_{189}\ \Phi_{140}\ \Phi_{84}\ \Phi_{63}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
138710	1793	3420	$\frac{8}{171}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{228}\ \Phi_{171}\ \Phi_{76}\ \Phi_{57}\ \Phi_{20}\ \Phi_{19}\ \Phi_{4}\ \Phi_{1}$
138711	1793	180	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{180}^{9}\ \Phi_{90}^{11}\ \Phi_{60}^{9}\ \Phi_{45}^{11}\ \Phi_{36}^{9}\ \Phi_{30}^{11}\ \Phi_{20}^{10}\ \Phi_{18}^{10}\ \Phi_{15}^{11}\ \Phi_{12}^{9}\ \Phi_{10}^{11}\ \Phi_{9}^{10}\ \Phi_{6}^{10}\ \Phi_{5}^{11}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
138712	1793	3200	$\frac{7}{200}$	$\frac{193}{1600}$	$\frac{1}{8}$	$\frac{1407}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{200}\ \Phi_{128}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
138713	1793	3072	$\frac{1}{128}$	$\frac{257}{1536}$	$\frac{127}{384}$	$\frac{1279}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{384}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
138714	1793	1840	$\frac{47}{1840}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{368}\ \Phi_{230}\ \Phi_{184}\ \Phi_{115}\ \Phi_{92}\ \Phi_{46}\ \Phi_{40}\ \Phi_{23}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
138715	1793	1960	$\frac{1}{28}$	$\frac{167}{1960}$	$\frac{27}{140}$	$\frac{113}{280}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{70}\ \Phi_{49}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
138716	1793	2560	$\frac{1}{128}$	$\frac{127}{640}$	$\frac{767}{2560}$	$\frac{513}{1280}$	$\Phi_{2560}\ \Phi_{640}\ \Phi_{512}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
138717	1793	1476	$\frac{1}{164}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1476}\ \Phi_{738}\ \Phi_{492}^{2}\ \Phi_{369}\ \Phi_{246}^{2}\ \Phi_{164}\ \Phi_{123}^{2}\ \Phi_{82}\ \Phi_{41}\ \Phi_{36}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
138718	1793	2912	$\frac{1}{28}$	$\frac{27}{364}$	$\frac{337}{1456}$	$\frac{1119}{2912}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{364}\ \Phi_{224}\ \Phi_{182}\ \Phi_{91}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
138719	1793	2880	$\frac{7}{360}$	$\frac{1}{8}$	$\frac{353}{1440}$	$\frac{1087}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{360}\ \Phi_{320}\ \Phi_{192}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{64}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
138720	1793	656	$\frac{1}{164}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{656}^4\ \Phi_{164}^3\ \Phi_{82}^3\ \Phi_{41}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
138721	1793	168	$\frac{5}{168}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^{11}\ \Phi_{84}^{11}\ \Phi_{56}^{11}\ \Phi_{42}^{11}\ \Phi_{28}^{11}\ \Phi_{24}^{7}\ \Phi_{21}^{11}\ \Phi_{14}^{11}\ \Phi_{12}^{10}\ \Phi_8^8\ \Phi_7^{11}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
138722	1793	1824	$\frac{31}{1824}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{32}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
138723	1793	168	$\frac{5}{168}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{168}^{11}\ \Phi_{84}^{10}\ \Phi_{56}^{11}\ \Phi_{42}^{11}\ \Phi_{28}^{10}\ \Phi_{24}^{11}\ \Phi_{21}^{11}\ \Phi_{14}^{10}\ \Phi_{12}^{10}\ \Phi_8^{11}\ \Phi_7^{10}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
138724	1793	1920	$\frac{1}{32}$	$\frac{127}{1920}$	$\frac{31}{96}$	$\frac{65}{192}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
138725	1793	492	$\frac{1}{41}$	$\frac{1}{12}$	$\frac{40}{123}$	$\frac{83}{246}$	$\Phi_{492}^4\ \Phi_{246}^3\ \Phi_{164}^4\ \Phi_{123}^4\ \Phi_{82}^3\ \Phi_{41}^3\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
138726	1793	2016	$\frac{1}{56}$	$\frac{223}{2016}$	$\frac{55}{168}$	$\frac{113}{336}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
138727	1793	2304	$\frac{1}{128}$	$\frac{511}{2304}$	$\frac{127}{384}$	$\frac{257}{768}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
138728	1793	2688	$\frac{1}{224}$	$\frac{223}{672}$	$\frac{895}{2688}$	$\frac{449}{1344}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{168}\ \Phi_{128}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
138729	1793	165	$\frac{2}{165}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{165}^{11}\ \Phi_{55}^{11}\ \Phi_{33}^{11}\ \Phi_{15}^{10}\ \Phi_{11}^{11}\ \Phi_5^9\ \Phi_3^9\ \Phi_1^9$
138730	1793	1215	$\frac{1}{81}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{80}{243}$	$\Phi_{1215}^2\ \Phi_{243}^3\ \Phi_{15}\ \Phi_3\ \Phi_1$
138731	1793	2520	$\frac{1}{56}$	$\frac{113}{840}$	$\frac{727}{2520}$	$\frac{55}{168}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
138732	1793	2664	$\frac{17}{888}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{871}{2664}$	$\Phi_{2664}\ \Phi_{1332}\ \Phi_{666}\ \Phi_{333}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
138733	1793	2592	$\frac{1}{32}$	$\frac{65}{864}$	$\frac{799}{2592}$	$\frac{31}{96}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{96}\ \Phi_{81}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
138734	1793	2016	$\frac{1}{32}$	$\frac{223}{2016}$	$\frac{65}{288}$	$\frac{31}{96}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
138735	1793	2304	$\frac{1}{32}$	$\frac{65}{576}$	$\frac{511}{2304}$	$\frac{31}{96}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
138736	1793	2646	$\frac{29}{882}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{853}{2646}$	$\Phi_{2646}\ \Phi_{1323}\ \Phi_{378}\ \Phi_{189}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_6\ \Phi_3\ \Phi_1$
138737	1793	240	$\frac{3}{80}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{77}{240}$	$\Phi_{240}^{11}\ \Phi_{120}^{11}\ \Phi_{60}^{11}\ \Phi_{48}^{11}\ \Phi_{30}^{11}\ \Phi_{24}^{11}\ \Phi_{16}^{2}\ \Phi_{15}^{11}\ \Phi_{12}^{11}\ \Phi_8^2\ \Phi_6^{11}\ \Phi_4^2\ \Phi_3^{11}\ \Phi_2^2\ \Phi_1^3$
138738	1793	240	$\frac{3}{80}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{77}{240}$	$\Phi_{240}^7\ \Phi_{120}^7\ \Phi_{80}^8\ \Phi_{60}^7\ \Phi_{48}^7\ \Phi_{40}^8\ \Phi_{30}^7\ \Phi_{24}^7\ \Phi_{20}^8\ \Phi_{16}^8\ \Phi_{15}^7\ \Phi_{12}^{10}\ \Phi_{10}^8\ \Phi_8^8\ \Phi_6^{10}\ \Phi_5^8\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
138739	1793	240	$\frac{3}{80}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{77}{240}$	$\Phi_{240}^{11}\ \Phi_{120}^{11}\ \Phi_{60}^{11}\ \Phi_{48}^{11}\ \Phi_{40}\ \Phi_{30}^{11}\ \Phi_{24}^{11}\ \Phi_{20}\ \Phi_{15}^{11}\ \Phi_{12}^{11}\ \Phi_{10}\ \Phi_6^{11}\ \Phi_5\ \Phi_3^{11}\ \Phi_1$
138740	1793	176	$\frac{1}{16}$	$\frac{13}{176}$	$\frac{3}{16}$	$\frac{5}{16}$	$\Phi_{176}^{11}\ \Phi_{88}^{11}\ \Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_{16}^2\ \Phi_{11}^{11}\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
138741	1793	192	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{29}{192}$	$\frac{5}{16}$	$\Phi_{192}^{11}\ \Phi_{96}^{11}\ \Phi_{64}^{11}\ \Phi_{48}^{11}\ \Phi_{24}^{11}\ \Phi_{16}^2\ \Phi_{12}^{11}\ \Phi_8^2\ \Phi_6^{11}\ \Phi_4^2\ \Phi_3^{11}\ \Phi_2^2\ \Phi_1^3$
138742	1793	2352	$\frac{29}{588}$	$\frac{1}{14}$	$\frac{559}{2352}$	$\frac{13}{42}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{784}\ \Phi_{392}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
138743	1793	1890	$\frac{97}{1890}$	$\frac{1}{14}$	$\frac{29}{126}$	$\frac{13}{42}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{54}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
138744	1793	2058	$\frac{1}{14}$	$\frac{29}{294}$	$\frac{265}{2058}$	$\frac{13}{42}$	$\Phi_{2058}\ \Phi_{1029}\ \Phi_{686}\ \Phi_{343}\ \Phi_{42}\ \Phi_{21}\ \Phi_6\ \Phi_3\ \Phi_1$
138745	1793	2016	$\frac{1}{14}$	$\frac{223}{2016}$	$\frac{29}{252}$	$\frac{13}{42}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
138746	1793	2592	$\frac{65}{864}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{799}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
138747	1793	1944	$\frac{151}{1944}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{216}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
138748	1793	2520	$\frac{1}{28}$	$\frac{113}{840}$	$\frac{27}{140}$	$\frac{727}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
138749	1793	2520	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{113}{840}$	$\frac{727}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{126}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
138750	1793	168	$\frac{5}{168}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{168}^{11}\ \Phi_{84}^{11}\ \Phi_{56}^{11}\ \Phi_{42}^{11}\ \Phi_{28}^{11}\ \Phi_{24}^{11}\ \Phi_{21}^{11}\ \Phi_{14}^{6}\ \Phi_{12}^{11}\ \Phi_{8}^{11}\ \Phi_{7}^{8}\ \Phi_{6}^{11}\ \Phi_{4}^{11}\ \Phi_{3}^{11}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
138751	1793	2100	$\frac{1}{28}$	$\frac{307}{2100}$	$\frac{27}{140}$	$\frac{113}{420}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{140}\ \Phi_{100}\ \Phi_{75}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
138752	1793	1080	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{53}{216}$	$\frac{4}{15}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{216}^{3}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{108}^{3}\ \Phi_{72}^{3}\ \Phi_{60}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_3\ \Phi_1$
138753	1793	840	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{168}^{3}\ \Phi_{140}^{2}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{3}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{56}^{3}\ \Phi_{42}^{3}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{3}\ \Phi_3\ \Phi_1$
138754	1793	945	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{3}\ \Phi_{105}^{2}\ \Phi_{63}^{3}\ \Phi_{35}^{2}\ \Phi_{21}^{3}\ \Phi_{15}\ \Phi_{7}^{3}\ \Phi_3\ \Phi_1$
138755	1793	855	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{855}^{2}\ \Phi_{285}^{2}\ \Phi_{171}^{3}\ \Phi_{95}^{2}\ \Phi_{57}^{3}\ \Phi_{19}^{3}\ \Phi_{15}\ \Phi_3\ \Phi_1$
138756	1793	180	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{180}^{11}\ \Phi_{90}^{9}\ \Phi_{60}^{11}\ \Phi_{45}^{9}\ \Phi_{36}^{11}\ \Phi_{30}^{9}\ \Phi_{20}^{11}\ \Phi_{18}^{8}\ \Phi_{15}^{10}\ \Phi_{12}^{11}\ \Phi_{10}^{9}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{9}\ \Phi_{4}^{11}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
138757	1793	2400	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{193}{800}$	$\frac{607}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
138758	1793	528	$\frac{13}{176}$	$\frac{1}{12}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{528}^{4}\ \Phi_{264}^{4}\ \Phi_{176}^{3}\ \Phi_{132}^{4}\ \Phi_{88}^{3}\ \Phi_{66}^{4}\ \Phi_{44}^{3}\ \Phi_{33}^{4}\ \Phi_{22}^{3}\ \Phi_{12}^{3}\ \Phi_{11}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
138759	1793	600	$\frac{3}{40}$	$\frac{1}{12}$	$\frac{37}{200}$	$\frac{1}{4}$	$\Phi_{600}^{4}\ \Phi_{300}^{4}\ \Phi_{200}^{3}\ \Phi_{150}^{4}\ \Phi_{100}^{3}\ \Phi_{75}^{4}\ \Phi_{50}^{3}\ \Phi_{25}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
138760	1793	192	$\frac{1}{12}$	$\frac{3}{32}$	$\frac{29}{192}$	$\frac{1}{4}$	$\Phi_{192}^{11}\ \Phi_{96}^{7}\ \Phi_{64}^{11}\ \Phi_{48}^{7}\ \Phi_{32}^{8}\ \Phi_{24}^{7}\ \Phi_{16}^{8}\ \Phi_{12}^{10}\ \Phi_{8}^{8}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
138761	1793	180	$\frac{1}{12}$	$\frac{17}{180}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{60}^{7}\ \Phi_{45}^{11}\ \Phi_{36}^{11}\ \Phi_{30}^{7}\ \Phi_{20}^{8}\ \Phi_{18}^{11}\ \Phi_{15}^{7}\ \Phi_{12}^{10}\ \Phi_{10}^{8}\ \Phi_{9}^{11}\ \Phi_{6}^{10}\ \Phi_{5}^{8}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
138762	1793	2016	$\frac{7}{72}$	$\frac{223}{2016}$	$\frac{1}{8}$	$\frac{65}{288}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
138763	1793	2304	$\frac{7}{72}$	$\frac{65}{576}$	$\frac{1}{8}$	$\frac{511}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
138764	1793	1920	$\frac{127}{1920}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{160}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
138765	1793	2240	$\frac{1}{28}$	$\frac{27}{140}$	$\frac{447}{2240}$	$\frac{113}{560}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{64}\ \Phi_{35}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
138766	1793	200	$\frac{3}{40}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{37}{200}$	$\Phi_{200}^{11}\ \Phi_{100}^{11}\ \Phi_{50}^{11}\ \Phi_{40}\ \Phi_{25}^{11}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
138767	1793	2160	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{432}$	$\frac{367}{2160}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
138768	1794	2980	$\frac{1}{298}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{297}{596}$	$\Phi_{2980}\ \Phi_{596}^{2}\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
138769	1794	1788	$\frac{1}{298}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{297}{596}$	$\Phi_{1788}\ \Phi_{894}^{2}\ \Phi_{447}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
138770	1794	1630	$\frac{1}{163}$	$\frac{82}{815}$	$\frac{733}{1630}$	$\frac{81}{163}$	$\Phi_{1630}^{2}\ \Phi_{326}^{2}\ \Phi_{163}\ \Phi_{10}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
138771	1794	594	$\frac{2}{297}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{295}{594}$	$\Phi_{594}^{6}\ \Phi_{198}^{6}\ \Phi_{66}^{6}\ \Phi_{54}^{6}\ \Phi_{22}^{6}\ \Phi_{18}^{6}\ \Phi_{11}\ \Phi_{6}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
138772	1794	4158	$\frac{2}{297}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{295}{594}$	$\Phi_{4158}\ \Phi_{1386}\ \Phi_{462}\ \Phi_{378}\ \Phi_{154}\ \Phi_{126}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
138773	1794	3288	$\frac{1}{137}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{68}{137}$	$\Phi_{3288}\ \Phi_{1096}\ \Phi_{137}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
138774	1794	2055	$\frac{1}{137}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{68}{137}$	$\Phi_{2055}\ \Phi_{685}\ \Phi_{137}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
138775	1794	2466	$\frac{1}{137}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{68}{137}$	$\Phi_{2466}\ \Phi_{1233}\ \Phi_{137}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
138776	1794	2192	$\frac{1}{137}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{68}{137}$	$\Phi_{2192}\ \Phi_{1096}\ \Phi_{137}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
138777	1794	2800	$\frac{1}{100}$	$\frac{1}{7}$	$\frac{101}{400}$	$\frac{99}{200}$	$\Phi_{2800}\ \Phi_{700}\ \Phi_{560}\ \Phi_{350}\ \Phi_{175}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
138778	1794	4144	$\frac{3}{296}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{293}{592}$	$\Phi_{4144}\ \Phi_{112}\ \Phi_{28}\ \Phi_{14}$
138779	1794	308	$\frac{1}{77}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{38}{77}$	$\Phi_{308}^{11}\ \Phi_{77}\ \Phi_{44}^{12}\ \Phi_{28}^{11}\ \Phi_{11}\ \Phi_7\ \Phi_4^{12}\ \Phi_1^2$
138780	1794	231	$\frac{1}{77}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{38}{77}$	$\Phi_{231}^{11}\ \Phi_{77}\ \Phi_{33}^{12}\ \Phi_{21}^{11}\ \Phi_{11}\ \Phi_7\ \Phi_3^{12}\ \Phi_1^2$
138781	1794	4130	$\frac{4}{295}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{291}{590}$	$\Phi_{4130}\ \Phi_{826}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
138782	1794	3400	$\frac{1}{68}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{67}{136}$	$\Phi_{3400}\ \Phi_{680}\ \Phi_{200}\ \Phi_{136}^2\ \Phi_{40}\ \Phi_{25}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
138783	1794	2856	$\frac{1}{68}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{67}{136}$	$\Phi_{2856}^2\ \Phi_{408}\ \Phi_{168}^2\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_6$
138784	1794	2040	$\frac{1}{68}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{67}{136}$	$\Phi_{2040}^2\ \Phi_{680}\ \Phi_{408}^2\ \Phi_{136}^2\ \Phi_{120}^2\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
138785	1794	2520	$\frac{1}{60}$	$\frac{1}{7}$	$\frac{61}{360}$	$\frac{59}{120}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
138786	1794	588	$\frac{5}{294}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{289}{588}$	$\Phi_{588}^6\ \Phi_{196}^6\ \Phi_{84}^6\ \Phi_{42}\ \Phi_{28}^6\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^6\ \Phi_4^6$
138787	1794	1760	$\frac{17}{880}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{863}{1760}$	$\Phi_{1760}^2\ \Phi_{352}^2\ \Phi_{160}^2\ \Phi_{32}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
138788	1794	3420	$\frac{1}{45}$	$\frac{1}{38}$	$\frac{37}{76}$	$\frac{22}{45}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{228}\ \Phi_{180}\ \Phi_{76}^2\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
138789	1794	855	$\frac{1}{45}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{22}{45}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{171}^2\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{45}^3\ \Phi_{19}^4\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^6$
138790	1794	1260	$\frac{1}{45}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{22}{45}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}^2\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_9\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
138791	1794	456	$\frac{1}{38}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{456}^4\ \Phi_{228}^3\ \Phi_{152}^4\ \Phi_{114}^4\ \Phi_{76}^4\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{24}^6\ \Phi_{19}^4\ \Phi_{12}^5\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
138792	1794	1140	$\frac{1}{38}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{37}{76}$	$\Phi_{1140}^3\ \Phi_{380}^3\ \Phi_{228}^3\ \Phi_{76}^4\ \Phi_{60}^3\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
138793	1794	1900	$\frac{1}{38}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{37}{76}$	$\Phi_{1900}^2\ \Phi_{380}\ \Phi_{100}^2\ \Phi_{76}^2\ \Phi_{25}^2\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
138794	1794	2052	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{37}{76}$	$\Phi_{2052}^2\ \Phi_{684}\ \Phi_{228}\ \Phi_{108}^2\ \Phi_{76}^2\ \Phi_{36}\ \Phi_{27}^2\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
138795	1794	1793	$\frac{53}{1793}$	$\frac{71}{1793}$	$\frac{574}{1793}$	$\frac{870}{1793}$	$\Phi_{1793}\ \Phi_{163}\ \Phi_{11}\ \Phi_1^2$
138796	1794	326	$\frac{5}{163}$	$\frac{27}{326}$	$\frac{28}{163}$	$\frac{79}{163}$	$\Phi_{326}^6\ \Phi_{163}^5\ \Phi_2^6\ \Phi_1^6$
138797	1794	4060	$\frac{9}{290}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{281}{580}$	$\Phi_{4060}\ \Phi_{812}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
138798	1794	1946	$\frac{5}{139}$	$\frac{1}{14}$	$\frac{24}{139}$	$\frac{67}{139}$	$\Phi_{1946}\ \Phi_{973}\ \Phi_{278}$
138799	1794	4032	$\frac{11}{288}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{277}{576}$	$\Phi_{4032}\ \Phi_{1344}\ \Phi_{448}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
138800	1794	850	$\frac{1}{34}$	$\frac{1}{25}$	$\frac{11}{34}$	$\frac{12}{25}$	$\Phi_{850}^2\ \Phi_{425}^2\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{50}^2\ \Phi_{34}^4\ \Phi_{25}^3\ \Phi_{17}^4\ \Phi_{10}^2\ \Phi_5^3\ \Phi_2^4\ \Phi_1^6$
138801	1794	600	$\frac{1}{25}$	$\frac{1}{24}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^2\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^2\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{25}^3\ \Phi_{24}^6\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^6\ \Phi_{10}^2\ \Phi_8^6\ \Phi_6^6\ \Phi_5^3\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
138802	1794	425	$\frac{1}{25}$	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{12}{25}$	$\Phi_{425}^4\ \Phi_{85}^5\ \Phi_{25}^5\ \Phi_{17}^4\ \Phi_5^6\ \Phi_1^6$
138803	1794	1793	$\frac{73}{1793}$	$\frac{114}{1793}$	$\frac{311}{1793}$	$\frac{860}{1793}$	$\Phi_{1793}\ \Phi_{163}\ \Phi_{11}\ \Phi_1^2$
138804	1794	2396	$\frac{24}{599}$	$\frac{25}{599}$	$\frac{1}{4}$	$\frac{287}{599}$	$\Phi_{2396}\ \Phi_{1198}$
138805	1794	1320	$\frac{1}{40}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{330}^2\ \Phi_{264}^2\ \Phi_{165}^2\ \Phi_{132}\ \Phi_{120}^3\ \Phi_{66}^2\ \Phi_{60}^3\ \Phi_{33}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
138806	1794	308	$\frac{2}{77}$	$\frac{1}{22}$	$\frac{25}{77}$	$\frac{21}{44}$	$\Phi_{308}^{11}\ \Phi_{77}\ \Phi_{44}^{12}\ \Phi_{28}^{11}\ \Phi_{11}\ \Phi_7\ \Phi_4^{12}\ \Phi_1^2$
138807	1794	1188	$\frac{1}{27}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{1188}\ \Phi_{594}^2\ \Phi_{396}\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{108}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{54}^3\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
138808	1794	308	$\frac{1}{22}$	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{21}{44}$	$\Phi_{308}^{11}\ \Phi_{77}\ \Phi_{44}^{12}\ \Phi_{28}^{11}\ \Phi_{11}\ \Phi_7\ \Phi_4^{12}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
138809	1794	308	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{21}{44}$	$\Phi_{308}^{11}\ \Phi_{44}^{12}\ \Phi_{28}^{11}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{4}^{12}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
138810	1794	44	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{21}{44}$	$\Phi_{44}^{36}\ \Phi_{22}^{46}\ \Phi_{11}^{45}\ \Phi_{4}^{36}\ \Phi_{2}^{46}\ \Phi_{1}^{46}$
138811	1794	3990	$\frac{14}{285}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{271}{570}$	$\Phi_{3990}\ \Phi_{1330}\ \Phi_{798}\ \Phi_{266}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
138812	1794	2240	$\frac{1}{20}$	$\frac{21}{320}$	$\frac{1}{7}$	$\frac{19}{40}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{224}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
138813	1794	1793	$\frac{41}{1793}$	$\frac{93}{1793}$	$\frac{584}{1793}$	$\frac{850}{1793}$	$\Phi_{1793}\ \Phi_{163}\ \Phi_{11}\ \Phi_{1}^{2}$
138814	1794	3510	$\frac{1}{27}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{3510}\ \Phi_{1170}\ \Phi_{702}\ \Phi_{390}\ \Phi_{270}\ \Phi_{234}\ \Phi_{135}\ \Phi_{90}\ \Phi_{78}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
138815	1794	1896	$\frac{1}{24}$	$\frac{5}{79}$	$\frac{14}{79}$	$\frac{37}{79}$	$\Phi_{1896}\ \Phi_{948}\ \Phi_{632}\ \Phi_{474}\ \Phi_{316}\ \Phi_{237}\ \Phi_{158}$
138816	1794	560	$\frac{1}{20}$	$\frac{19}{280}$	$\frac{1}{7}$	$\frac{261}{560}$	$\Phi_{560}^{6}\ \Phi_{140}\ \Phi_{112}^{6}\ \Phi_{80}^{6}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{16}^{6}\ \Phi_{14}$
138817	1794	756	$\frac{1}{27}$	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{756}^{2}\ \Phi_{378}^{3}\ \Phi_{252}^{2}\ \Phi_{189}^{3}\ \Phi_{126}^{3}\ \Phi_{108}^{2}\ \Phi_{84}^{2}\ \Phi_{63}^{3}\ \Phi_{54}^{3}\ \Phi_{42}^{3}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{21}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
138818	1794	1793	$\frac{64}{1793}$	$\frac{133}{1793}$	$\frac{321}{1793}$	$\frac{830}{1793}$	$\Phi_{1793}\ \Phi_{163}\ \Phi_{11}\ \Phi_{1}^{2}$
138819	1794	2396	$\frac{14}{599}$	$\frac{45}{599}$	$\frac{1}{4}$	$\frac{277}{599}$	$\Phi_{2396}\ \Phi_{1198}$
138820	1794	840	$\frac{1}{70}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{840}^{4}\ \Phi_{280}^{4}\ \Phi_{210}\ \Phi_{168}^{4}\ \Phi_{120}^{4}\ \Phi_{105}\ \Phi_{56}^{4}\ \Phi_{42}\ \Phi_{40}^{4}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{15}\ \Phi_{8}^{2}\ \Phi_{6}$
138821	1794	3288	$\frac{2}{137}$	$\frac{1}{12}$	$\frac{45}{137}$	$\frac{11}{24}$	$\Phi_{3288}\ \Phi_{1096}\ \Phi_{137}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
138822	1794	1128	$\frac{1}{47}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{1128}^{3}\ \Phi_{376}^{3}\ \Phi_{188}\ \Phi_{94}$
138823	1794	3288	$\frac{5}{137}$	$\frac{1}{12}$	$\frac{22}{137}$	$\frac{11}{24}$	$\Phi_{3288}\ \Phi_{1096}\ \Phi_{137}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
138824	1794	168	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{168}^{12}\ \Phi_{84}^{13}\ \Phi_{56}^{12}\ \Phi_{42}^{13}\ \Phi_{28}^{13}\ \Phi_{21}^{13}\ \Phi_{14}^{13}\ \Phi_{7}^{12}$
138825	1794	3850	$\frac{1}{25}$	$\frac{24}{275}$	$\frac{1}{7}$	$\frac{251}{550}$	$\Phi_{3850}\ \Phi_{770}\ \Phi_{350}\ \Phi_{175}\ \Phi_{154}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
138826	1794	396	$\frac{2}{99}$	$\frac{1}{11}$	$\frac{97}{396}$	$\frac{5}{11}$	$\Phi_{396}^{6}\ \Phi_{198}^{6}\ \Phi_{132}^{6}\ \Phi_{66}^{6}\ \Phi_{44}^{6}\ \Phi_{36}^{6}\ \Phi_{22}^{6}\ \Phi_{18}^{6}\ \Phi_{12}^{6}\ \Phi_{11}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
138827	1794	308	$\frac{9}{308}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{308}^{6}\ \Phi_{154}^{6}\ \Phi_{77}^{6}\ \Phi_{44}^{6}\ \Phi_{28}^{6}\ \Phi_{22}^{6}\ \Phi_{14}^{6}\ \Phi_{11}\ \Phi_{7}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
138828	1794	330	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{31}{330}$	$\frac{5}{11}$	$\Phi_{330}^{6}\ \Phi_{165}^{6}\ \Phi_{110}^{6}\ \Phi_{66}^{6}\ \Phi_{55}^{6}\ \Phi_{30}^{6}\ \Phi_{22}^{6}\ \Phi_{15}^{6}\ \Phi_{11}\ \Phi_{10}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
138829	1794	3318	$\frac{1}{79}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{3318}\ \Phi_{1106}\ \Phi_{474}\ \Phi_{237}\ \Phi_{158}$
138830	1794	378	$\frac{1}{27}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{378}^{9}\ \Phi_{189}\ \Phi_{126}^{9}\ \Phi_{63}\ \Phi_{54}^{9}\ \Phi_{42}^{6}\ \Phi_{21}\ \Phi_{18}^{9}\ \Phi_{14}^{6}\ \Phi_{6}^{6}\ \Phi_{2}^{6}$
138831	1794	2160	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{45}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
138832	1794	3780	$\frac{1}{30}$	$\frac{29}{270}$	$\frac{1}{7}$	$\frac{241}{540}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{420}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
138833	1794	630	$\frac{1}{70}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}^{3}\ \Phi_{126}^{3}\ \Phi_{105}^{3}\ \Phi_{90}^{3}\ \Phi_{70}^{2}\ \Phi_{63}^{3}\ \Phi_{45}^{3}\ \Phi_{42}^{3}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{21}^{3}\ \Phi_{18}\ \Phi_{15}^{3}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
138834	1794	3290	$\frac{1}{47}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{3290}\ \Phi_{658}\ \Phi_{470}\ \Phi_{235}\ \Phi_{94}$
138835	1794	2528	$\frac{1}{79}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{2528}\ \Phi_{632}\ \Phi_{316}\ \Phi_{158}$
138836	1794	752	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{752}^{2}\ \Phi_{376}^{3}\ \Phi_{188}^{3}\ \Phi_{94}^{3}\ \Phi_{47}^{2}$
138837	1794	3160	$\frac{1}{79}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{3160}\ \Phi_{632}\ \Phi_{316}\ \Phi_{158}$
138838	1794	1080	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{1080}^{3}\ \Phi_{360}^{3}\ \Phi_{270}\ \Phi_{216}^{3}\ \Phi_{135}\ \Phi_{120}^{3}\ \Phi_{90}\ \Phi_{72}^{3}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{24}^{3}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
138839	1794	286	$\frac{5}{143}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{286}^{11}\ \Phi_{143}^{2}\ \Phi_{26}^{11}\ \Phi_{22}^{6}\ \Phi_{13}^{2}\ \Phi_{11}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
138840	1794	3500	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{49}{250}$	$\frac{201}{500}$	$\Phi_{3500}\ \Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
138841	1794	2235	$\frac{1}{149}$	$\frac{1}{5}$	$\frac{148}{447}$	$\frac{2}{5}$	$\Phi_{2235}\ \Phi_{447}^{2}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
138842	1794	745	$\frac{6}{149}$	$\frac{11}{149}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{745}^{2}\ \Phi_{149}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
138843	1794	840	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^4\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{105}^2\ \Phi_{84}^4\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^4\ \Phi_{24}^2\ \Phi_{21}^4\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
138844	1794	3008	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{3008}\ \Phi_{376}\ \Phi_{188}\ \Phi_{94}$
138845	1794	489	$\frac{1}{163}$	$\frac{109}{489}$	$\frac{54}{163}$	$\frac{190}{489}$	$\Phi_{489}^3\ \Phi_{163}^5\ \Phi_3^3\ \Phi_1^6$
138846	1794	308	$\frac{9}{308}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{308}^6\ \Phi_{154}^6\ \Phi_{77}^6\ \Phi_{44}^4\ \Phi_{28}^6\ \Phi_{22}^6\ \Phi_{14}^6\ \Phi_{11}^5\ \Phi_7^6\ \Phi_4^4\ \Phi_2^6\ \Phi_1^6$
138847	1794	3024	$\frac{1}{27}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{378}\ \Phi_{336}\ \Phi_{189}\ \Phi_{144}\ \Phi_{126}\ \Phi_{63}\ \Phi_{54}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_6$
138848	1794	3360	$\frac{1}{60}$	$\frac{1}{7}$	$\frac{59}{240}$	$\frac{181}{480}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{420}\ \Phi_{224}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
138849	1794	1304	$\frac{1}{163}$	$\frac{81}{326}$	$\frac{407}{1304}$	$\frac{245}{652}$	$\Phi_{1304}^2\ \Phi_{326}^2\ \Phi_{163}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
138850	1794	2128	$\frac{5}{304}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{133}\ \Phi_{112}\ \Phi_{28}\ \Phi_{14}$
138851	1794	2844	$\frac{1}{79}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{2844}\ \Phi_{948}\ \Phi_{474}\ \Phi_{316}\ \Phi_{237}\ \Phi_{158}$
138852	1794	940	$\frac{1}{47}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{940}^3\ \Phi_{470}\ \Phi_{235}\ \Phi_{188}^3\ \Phi_{94}$
138853	1794	1793	$\frac{51}{1793}$	$\frac{134}{1793}$	$\frac{553}{1793}$	$\frac{620}{1793}$	$\Phi_{1793}\ \Phi_{163}\ \Phi_{11}\ \Phi_1^2$
138854	1794	1896	$\frac{1}{24}$	$\frac{4}{79}$	$\frac{25}{79}$	$\frac{27}{79}$	$\Phi_{1896}\ \Phi_{948}\ \Phi_{632}\ \Phi_{474}\ \Phi_{316}\ \Phi_{237}\ \Phi_{158}$
138855	1794	1793	$\frac{74}{1793}$	$\frac{91}{1793}$	$\frac{573}{1793}$	$\frac{610}{1793}$	$\Phi_{1793}\ \Phi_{163}\ \Phi_{11}\ \Phi_1^2$
138856	1794	1946	$\frac{4}{139}$	$\frac{1}{14}$	$\frac{45}{139}$	$\frac{47}{139}$	$\Phi_{1946}\ \Phi_{973}\ \Phi_{278}$
138857	1794	326	$\frac{4}{163}$	$\frac{27}{326}$	$\frac{53}{163}$	$\frac{55}{163}$	$\Phi_{326}^6\ \Phi_{163}^5\ \Phi_2^6\ \Phi_1^6$
138858	1794	451	$\frac{10}{451}$	$\frac{1}{11}$	$\frac{147}{451}$	$\frac{152}{451}$	$\Phi_{451}^4\ \Phi_{41}^4\ \Phi_{11}^3\ \Phi_1^4$
138859	1794	3150	$\frac{1}{75}$	$\frac{1}{7}$	$\frac{74}{225}$	$\frac{151}{450}$	$\Phi_{3150}\ \Phi_{1050}\ \Phi_{630}\ \Phi_{525}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
138860	1794	210	$\frac{1}{70}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^9\ \Phi_{105}^9\ \Phi_{70}^8\ \Phi_{42}^9\ \Phi_{35}^8\ \Phi_{30}^9\ \Phi_{21}^9\ \Phi_{15}^7\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_7^8\ \Phi_6^9\ \Phi_5^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
138861	1794	1788	$\frac{1}{149}$	$\frac{1}{4}$	$\frac{148}{447}$	$\frac{1}{3}$	$\Phi_{1788}\ \Phi_{894}\ \Phi_{596}^2\ \Phi_{298}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
138862	1794	2055	$\frac{2}{137}$	$\frac{2}{15}$	$\frac{45}{137}$	$\frac{1}{3}$	$\Phi_{2055}\ \Phi_{685}\ \Phi_{137}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
138863	1794	714	$\frac{1}{34}$	$\frac{1}{14}$	$\frac{11}{34}$	$\frac{1}{3}$	$\Phi_{714}^4\ \Phi_{357}^4\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{42}^5\ \Phi_{21}^5\ \Phi_6^3\ \Phi_3^2$
138864	1794	2694	$\frac{37}{898}$	$\frac{47}{898}$	$\frac{287}{898}$	$\frac{1}{3}$	$\Phi_{2694}\ \Phi_{1347}\ \Phi_6$
138865	1794	456	$\frac{1}{24}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{456}^4\ \Phi_{228}^4\ \Phi_{152}^4\ \Phi_{114}^4\ \Phi_{76}^4\ \Phi_{57}^2\ \Phi_{38}^4\ \Phi_{24}^6\ \Phi_{19}^4\ \Phi_{12}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
138866	1794	2694	$\frac{27}{898}$	$\frac{67}{898}$	$\frac{277}{898}$	$\frac{1}{3}$	$\Phi_{2694}\ \Phi_{1347}\ \Phi_6$
138867	1794	1320	$\frac{1}{40}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}^2\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
138868	1794	630	$\frac{1}{70}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{630}^4\ \Phi_{315}^4\ \Phi_{210}\ \Phi_{126}^4\ \Phi_{105}\ \Phi_{90}^4\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_6$
138869	1794	1680	$\frac{1}{70}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1680}^2\ \Phi_{840}^2\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{48}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
138870	1794	2820	$\frac{1}{47}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{940}\ \Phi_{470}\ \Phi_{188}\ \Phi_{94}$
138871	1794	1788	$\frac{6}{149}$	$\frac{11}{149}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1788}^2\ \Phi_{894}^2\ \Phi_{12}^3\ \Phi_6^3$
138872	1794	168	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^{12}\ \Phi_{84}^{10}\ \Phi_{56}^{12}\ \Phi_{42}^{11}\ \Phi_{28}^{12}\ \Phi_{24}^6\ \Phi_{21}^{11}\ \Phi_{14}^{12}\ \Phi_{12}^5\ \Phi_8^6\ \Phi_7^{12}\ \Phi_6^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
138873	1794	2772	$\frac{2}{99}$	$\frac{1}{7}$	$\frac{97}{396}$	$\frac{1}{3}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{252}\ \Phi_{154}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
138874	1794	2142	$\frac{7}{306}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{126}\ \Phi_{119}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
138875	1794	3570	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{16}{85}$	$\frac{1}{3}$	$\Phi_{3570}\ \Phi_{1785}\ \Phi_{510}\ \Phi_{210}\ \Phi_{105}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
138876	1794	2055	$\frac{5}{137}$	$\frac{2}{15}$	$\frac{22}{137}$	$\frac{1}{3}$	$\Phi_{2055}\ \Phi_{685}\ \Phi_{137}\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{1}^2$
138877	1794	840	$\frac{1}{24}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{280}^3\ \Phi_{210}^3\ \Phi_{168}\ \Phi_{140}^3\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^3\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
138878	1794	2310	$\frac{2}{33}$	$\frac{31}{330}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{385}\ \Phi_{210}\ \Phi_{154}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
138879	1794	2268	$\frac{2}{27}$	$\frac{25}{324}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{378}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
138880	1794	2466	$\frac{2}{137}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{45}{137}$	$\Phi_{2466}\ \Phi_{1233}\ \Phi_{137}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{1}^2$
138881	1794	2192	$\frac{2}{137}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{45}{137}$	$\Phi_{2192}\ \Phi_{1096}\ \Phi_{137}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
138882	1794	3108	$\frac{3}{148}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{145}{444}$	$\Phi_{3108}\ \Phi_{1554}\ \Phi_{777}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
138883	1794	231	$\frac{2}{77}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{25}{77}$	$\Phi_{231}^{11}\ \Phi_{77}\ \Phi_{33}^{12}\ \Phi_{21}^{11}\ \Phi_{11}\ \Phi_{7}\ \Phi_{3}^{12}\ \Phi_{1}^2$
138884	1794	510	$\frac{1}{34}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{11}{34}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{170}^2\ \Phi_{102}^4\ \Phi_{85}^2\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{30}^4\ \Phi_{17}^4\ \Phi_{15}^6\ \Phi_{10}^2\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
138885	1794	2520	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{61}{360}$	$\frac{29}{90}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{280}\ \Phi_{252}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
138886	1794	440	$\frac{17}{440}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{141}{440}$	$\Phi_{440}^4\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{88}^4\ \Phi_{55}^4\ \Phi_{44}^4\ \Phi_{40}^4\ \Phi_{22}^6\ \Phi_{20}^4\ \Phi_{11}^5\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{5}^4\ \Phi_{4}^4\ \Phi_{2}^6\ \Phi_{1}^6$
138887	1794	570	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{6}{19}$	$\Phi_{570}^4\ \Phi_{285}^2\ \Phi_{190}^4\ \Phi_{114}^4\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{38}^4\ \Phi_{30}^6\ \Phi_{19}^4\ \Phi_{15}^3\ \Phi_{10}^6\ \Phi_{6}^6\ \Phi_{5}^3\ \Phi_{3}^3\ \Phi_{2}^6\ \Phi_{1}^6$
138888	1794	475	$\frac{1}{19}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{6}{19}$	$\Phi_{475}^4\ \Phi_{95}^2\ \Phi_{25}^6\ \Phi_{19}^4\ \Phi_{5}^3\ \Phi_{1}^6$
138889	1794	513	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{6}{19}$	$\Phi_{513}^4\ \Phi_{171}^2\ \Phi_{57}^2\ \Phi_{27}^6\ \Phi_{19}^4\ \Phi_{9}^3\ \Phi_{3}^3\ \Phi_{1}^6$
138890	1794	3024	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{133}{432}$	$\Phi_{3024}\ \Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
138891	1794	2268	$\frac{25}{324}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{36}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
138892	1794	1188	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{108}^3\ \Phi_{66}\ \Phi_{54}^3\ \Phi_{44}^2\ \Phi_{36}^3\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{2}^2$
138893	1794	231	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{12}{77}$	$\frac{10}{33}$	$\Phi_{231}^{11}\ \Phi_{77}\ \Phi_{33}^{12}\ \Phi_{21}^{11}\ \Phi_{11}\ \Phi_{7}\ \Phi_{3}^{12}\ \Phi_{1}^2$
138894	1794	462	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{10}{33}$	$\Phi_{462}^6\ \Phi_{231}^5\ \Phi_{66}^6\ \Phi_{42}^6\ \Phi_{33}^6\ \Phi_{21}^5\ \Phi_{14}^6\ \Phi_{7}^5\ \Phi_{6}^6\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^6$
138895	1794	132	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{10}{33}$	$\Phi_{132}^{22}\ \Phi_{66}^{22}\ \Phi_{44}^2\ \Phi_{33}^{12}\ \Phi_{22}^2\ \Phi_{12}^{22}\ \Phi_{11}\ \Phi_{6}^{22}\ \Phi_{4}^2\ \Phi_{3}^{12}\ \Phi_{2}^2\ \Phi_{1}^2$
138896	1794	270	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{270}^7\ \Phi_{135}^7\ \Phi_{90}^7\ \Phi_{54}^7\ \Phi_{45}^7\ \Phi_{30}^4\ \Phi_{27}^6\ \Phi_{18}^7\ \Phi_{15}^4\ \Phi_{10}^6\ \Phi_{9}^6\ \Phi_{6}^4\ \Phi_{5}^6\ \Phi_{3}^3\ \Phi_{2}^6\ \Phi_{1}^6$
138897	1794	420	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{1}{7}$	$\frac{121}{420}$	$\Phi_{420}^6\ \Phi_{210}^6\ \Phi_{140}\ \Phi_{105}^6\ \Phi_{84}^6\ \Phi_{70}\ \Phi_{60}^6\ \Phi_{42}^6\ \Phi_{35}\ \Phi_{30}^6\ \Phi_{28}\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_{14}\ \Phi_{12}^6\ \Phi_{6}^6\ \Phi_{3}^6$
138898	1794	756	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{252}^3\ \Phi_{189}\ \Phi_{126}^3\ \Phi_{108}^3\ \Phi_{84}^3\ \Phi_{63}\ \Phi_{54}^3\ \Phi_{42}^3\ \Phi_{36}^3\ \Phi_{21}\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{6}^3$
138899	1794	1692	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{1692}^2\ \Phi_{846}\ \Phi_{423}\ \Phi_{188}\ \Phi_{94}$
138900	1794	2466	$\frac{5}{137}$	$\frac{22}{137}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2466}\ \Phi_{1233}\ \Phi_{137}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{1}^2$
138901	1794	504	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{504}^6\ \Phi_{252}^6\ \Phi_{168}\ \Phi_{126}^5\ \Phi_{84}\ \Phi_{63}^5\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
138902	1794	99	$\frac{7}{99}$	$\frac{8}{99}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{99}^{18}\ \Phi_{33}^{18}\ \Phi_{11}^{19}\ \Phi_{9}^{18}\ \Phi_{3}^{18}\ \Phi_{1}^{20}$
138903	1794	752	$\frac{1}{47}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{752}^3\ \Phi_{376}^3\ \Phi_{188}\ \Phi_{94}$
138904	1794	420	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{7}{30}$	$\frac{1}{4}$	$\Phi_{420}^6\ \Phi_{210}^3\ \Phi_{140}^6\ \Phi_{105}^3\ \Phi_{84}^6\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{28}^8\ \Phi_{21}^3\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_{7}^4\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
138905	1794	120	$\frac{1}{24}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{120}^{15}\ \Phi_{60}^{13}\ \Phi_{40}^{15}\ \Phi_{30}^{13}\ \Phi_{24}^{18}\ \Phi_{20}^{14}\ \Phi_{15}^{15}\ \Phi_{12}^{16}\ \Phi_{10}^{14}\ \Phi_{8}^{18}\ \Phi_{6}^{16}\ \Phi_{5}^{15}\ \Phi_{4}^{16}\ \Phi_{3}^{18}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
138906	1794	700	$\frac{1}{14}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{700}^4\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{140}^2\ \Phi_{100}^2\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^4\ \Phi_{25}^2\ \Phi_{20}\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
138907	1794	2192	$\frac{5}{137}$	$\frac{22}{137}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2192}\ \Phi_{1096}\ \Phi_{137}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
138908	1794	336	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{336}^8\ \Phi_{168}^5\ \Phi_{112}^7\ \Phi_{84}^5\ \Phi_{56}^4\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{7}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
138909	1794	756	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{4}$	$\Phi_{756}^4\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{126}\ \Phi_{108}^2\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}^4\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_9\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
138910	1794	210	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{7}{30}$	$\Phi_{210}^{13}\ \Phi_{105}^7\ \Phi_{70}^{13}\ \Phi_{42}^{13}\ \Phi_{35}^7\ \Phi_{21}^7\ \Phi_{14}^{13}\ \Phi_7^6$
138911	1794	336	$\frac{1}{12}$	$\frac{37}{336}$	$\frac{1}{7}$	$\frac{11}{48}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^5\ \Phi_{84}^6\ \Phi_{56}^5\ \Phi_{48}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
138912	1794	968	$\frac{71}{968}$	$\frac{1}{11}$	$\frac{17}{88}$	$\frac{5}{22}$	$\Phi_{968}^2\ \Phi_{484}^2\ \Phi_{242}^2\ \Phi_{121}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
138913	1794	1100	$\frac{17}{220}$	$\frac{1}{11}$	$\frac{203}{1100}$	$\frac{5}{22}$	$\Phi_{1100}^2\ \Phi_{550}^2\ \Phi_{275}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
138914	1794	330	$\frac{1}{11}$	$\frac{31}{330}$	$\frac{17}{110}$	$\frac{5}{22}$	$\Phi_{330}^6\ \Phi_{165}^6\ \Phi_{110}^4\ \Phi_{66}^6\ \Phi_{55}^4\ \Phi_{33}^6\ \Phi_{30}^6\ \Phi_{22}^6\ \Phi_{15}^6\ \Phi_{11}^5\ \Phi_{10}^4\ \Phi_6^6\ \Phi_5^4\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
138915	1794	352	$\frac{1}{11}$	$\frac{17}{176}$	$\frac{53}{352}$	$\frac{5}{22}$	$\Phi_{352}^6\ \Phi_{176}^4\ \Phi_{88}^4\ \Phi_{44}^4\ \Phi_{32}^6\ \Phi_{22}^6\ \Phi_{16}^4\ \Phi_{11}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^6\ \Phi_1^6$
138916	1794	2688	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{7}$	$\frac{85}{384}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{896}\ \Phi_{448}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
138917	1794	255	$\frac{1}{17}$	$\frac{2}{15}$	$\frac{16}{85}$	$\frac{1}{5}$	$\Phi_{255}^8\ \Phi_{85}^5\ \Phi_{51}^8\ \Phi_{17}^4\ \Phi_{15}^{10}\ \Phi_5^6\ \Phi_3^{10}\ \Phi_1^6$
138918	1794	220	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{9}{55}$	$\frac{2}{11}$	$\Phi_{220}^{11}\ \Phi_{110}^{11}\ \Phi_{55}^6\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{20}^{11}\ \Phi_{11}\ \Phi_{10}^{11}\ \Phi_5^6\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
138919	1794	2520	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{72}$	$\frac{61}{360}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
138920	1794	336	$\frac{37}{336}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{84}^6\ \Phi_{56}^6\ \Phi_{48}^6\ \Phi_{42}\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{21}\ \Phi_{16}^6\ \Phi_{14}\ \Phi_{12}^6\ \Phi_8^6\ \Phi_4^6$
138921	1795	1432	$\frac{1}{358}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{357}{716}$	$\Phi_{1432}^2\ \Phi_{716}\ \Phi_8^3\ \Phi_4\ \Phi_1$
138922	1795	3576	$\frac{7}{1788}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1781}{3576}$	$\Phi_{3576}\ \Phi_{1192}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
138923	1795	714	$\frac{2}{357}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{355}{714}$	$\Phi_{714}^2\ \Phi_{357}^3\ \Phi_{238}^2\ \Phi_{119}^3\ \Phi_{102}^2\ \Phi_{51}^3\ \Phi_{42}^2\ \Phi_{34}^2\ \Phi_{21}^3\ \Phi_{17}^3\ \Phi_{14}^2\ \Phi_7^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
138924	1795	3312	$\frac{1}{138}$	$\frac{139}{1656}$	$\frac{1517}{3312}$	$\frac{137}{276}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{276}\ \Phi_{144}\ \Phi_{92}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
138925	1795	2484	$\frac{1}{138}$	$\frac{139}{828}$	$\frac{689}{2484}$	$\frac{137}{276}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{621}\ \Phi_{276}\ \Phi_{108}\ \Phi_{92}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
138926	1795	2208	$\frac{1}{138}$	$\frac{413}{2208}$	$\frac{139}{552}$	$\frac{137}{276}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{368}\ \Phi_{276}\ \Phi_{96}\ \Phi_{92}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
138927	1795	3564	$\frac{13}{1782}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1769}{3564}$	$\Phi_{3564}\ \Phi_{1188}\ \Phi_{396}\ \Phi_{324}\ \Phi_{132}\ \Phi_{108}\ \Phi_{44}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
138928	1795	480	$\frac{1}{120}$	$\frac{1}{6}$	$\frac{121}{480}$	$\frac{119}{240}$	$\Phi_{480}^5\ \Phi_{160}^5\ \Phi_{120}^5\ \Phi_{96}^5\ \Phi_{60}^5\ \Phi_{40}^5\ \Phi_{32}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
138929	1795	2136	$\frac{3}{356}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{353}{712}$	$\Phi_{2136}^2\ \Phi_{712}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
138930	1795	3552	$\frac{19}{1776}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1757}{3552}$	$\Phi_{3552}\ \Phi_{1184}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
138931	1795	2130	$\frac{4}{355}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{351}{710}$	$\Phi_{2130}\ \Phi_{1065}\ \Phi_{426}\ \Phi_{355}\ \Phi_{213}\ \Phi_{71}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
138932	1795	3432	$\frac{1}{78}$	$\frac{79}{1716}$	$\frac{1637}{3432}$	$\frac{77}{156}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{264}\ \Phi_{156}\ \Phi_{104}\ \Phi_{88}\ \Phi_{52}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
138933	1795	432	$\frac{1}{72}$	$\frac{1}{6}$	$\frac{73}{432}$	$\frac{71}{144}$	$\Phi_{432}^5\ \Phi_{216}^5\ \Phi_{108}^5\ \Phi_{72}^5\ \Phi_{54}^5\ \Phi_{36}^5\ \Phi_{27}^5\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
138934	1795	708	$\frac{5}{354}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{349}{708}$	$\Phi_{708}^5\ \Phi_{236}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
138935	1795	3536	$\frac{27}{1768}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{1741}{3536}$	$\Phi_{3536}\ \Phi_{272}\ \Phi_{208}\ \Phi_{52}\ \Phi_{16}\ \Phi_4\ \Phi_1$
138936	1795	3528	$\frac{31}{1764}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1733}{3528}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{392}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
138937	1795	2112	$\frac{7}{352}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{345}{704}$	$\Phi_{2112}^2\ \Phi_{704}\ \Phi_{192}^2\ \Phi_{64}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
138938	1795	3496	$\frac{1}{46}$	$\frac{47}{1748}$	$\frac{1701}{3496}$	$\frac{45}{92}$	$\Phi_{3496}\ \Phi_{184}\ \Phi_{152}\ \Phi_{92}\ \Phi_8\ \Phi_4\ \Phi_1$
138939	1795	702	$\frac{8}{351}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{343}{702}$	$\Phi_{702}^2\ \Phi_{351}^3\ \Phi_{234}^2\ \Phi_{117}^3\ \Phi_{78}^2\ \Phi_{54}^2\ \Phi_{39}^3\ \Phi_{27}^3\ \Phi_{26}^2\ \Phi_{18}^5\ \Phi_{13}^3\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
138940	1795	1200	$\frac{1}{40}$	$\frac{41}{400}$	$\frac{1}{6}$	$\frac{39}{80}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}\ \Phi_{300}^2\ \Phi_{200}\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
138941	1795	2100	$\frac{9}{350}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{341}{700}$	$\Phi_{2100}^2\ \Phi_{700}\ \Phi_{420}^2\ \Phi_{300}^2\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
138942	1795	696	$\frac{11}{348}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{337}{696}$	$\Phi_{696}^5\ \Phi_{232}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
138943	1795	2652	$\frac{27}{884}$	$\frac{1}{26}$	$\frac{857}{2652}$	$\frac{25}{52}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{663}\ \Phi_{204}\ \Phi_{156}\ \Phi_{102}\ \Phi_{78}\ \Phi_{52}\ \Phi_{51}\ \Phi_{39}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
138944	1795	1872	$\frac{1}{26}$	$\frac{77}{1872}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
138945	1795	3456	$\frac{67}{1728}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1661}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
138946	1795	690	$\frac{14}{345}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{331}{690}$	$\Phi_{690}^2\ \Phi_{345}^3\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{115}^3\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{30}^5\ \Phi_{23}^3\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
138947	1795	384	$\frac{1}{24}$	$\frac{25}{384}$	$\frac{1}{6}$	$\frac{23}{48}$	$\Phi_{384}^5\ \Phi_{192}^5\ \Phi_{128}^5\ \Phi_{96}^5\ \Phi_{64}^5\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
138948	1795	684	$\frac{17}{342}$	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{325}{684}$	$\Phi_{684}^5\ \Phi_{228}^5\ \Phi_{76}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
138949	1795	2040	$\frac{1}{20}$	$\frac{19}{340}$	$\frac{1}{6}$	$\frac{321}{680}$	$\Phi_{2040}^2\ \Phi_{680}\ \Phi_{408}^2\ \Phi_{136}\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
138950	1795	676	$\frac{1}{26}$	$\frac{21}{338}$	$\frac{5}{26}$	$\frac{317}{676}$	$\Phi_{676}^5\ \Phi_{52}^5\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
138951	1795	672	$\frac{1}{24}$	$\frac{23}{336}$	$\frac{1}{6}$	$\frac{313}{672}$	$\Phi_{672}^5\ \Phi_{224}^5\ \Phi_{96}^5\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
138952	1795	2184	$\frac{1}{26}$	$\frac{25}{364}$	$\frac{389}{2184}$	$\frac{339}{728}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{312}\ \Phi_{273}\ \Phi_{182}\ \Phi_{168}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
138953	1795	1872	$\frac{77}{1872}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{24}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
138954	1795	3312	$\frac{1}{69}$	$\frac{139}{1656}$	$\frac{68}{207}$	$\frac{1517}{3312}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{207}\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_9\ \Phi_1$
138955	1795	3312	$\frac{1}{46}$	$\frac{139}{1656}$	$\frac{45}{184}$	$\frac{1517}{3312}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{184}\ \Phi_{144}\ \Phi_{92}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
138956	1795	660	$\frac{1}{30}$	$\frac{29}{330}$	$\frac{1}{6}$	$\frac{301}{660}$	$\Phi_{660}^5\ \Phi_{220}^5\ \Phi_{132}^5\ \Phi_{60}^5\ \Phi_{44}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
138957	1795	3276	$\frac{1}{78}$	$\frac{157}{1638}$	$\frac{77}{234}$	$\frac{1481}{3276}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{84}\ \Phi_{52}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
138958	1795	3276	$\frac{1}{26}$	$\frac{157}{1638}$	$\frac{25}{182}$	$\frac{1481}{3276}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}\ \Phi_{182}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{52}\ \Phi_{36}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
138959	1795	416	$\frac{1}{26}$	$\frac{5}{52}$	$\frac{57}{416}$	$\frac{47}{104}$	$\Phi_{416}^5\ \Phi_{208}^5\ \Phi_{52}^5\ \Phi_{32}^5\ \Phi_{26}^4\ \Phi_{16}^5\ \Phi_{13}^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
138960	1795	648	$\frac{1}{36}$	$\frac{35}{324}$	$\frac{1}{6}$	$\frac{289}{648}$	$\Phi_{648}^5\ \Phi_{216}^5\ \Phi_{72}^5\ \Phi_{36}^5\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
138961	1795	2484	$\frac{1}{69}$	$\frac{68}{621}$	$\frac{689}{2484}$	$\frac{553}{1242}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{621}\ \Phi_{276}\ \Phi_{207}\ \Phi_{108}\ \Phi_{92}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
138962	1795	644	$\frac{1}{46}$	$\frac{37}{322}$	$\frac{9}{46}$	$\frac{285}{644}$	$\Phi_{644}^5\ \Phi_{92}^5\ \Phi_{46}^4\ \Phi_{28}^5\ \Phi_{23}^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
138963	1795	1920	$\frac{1}{40}$	$\frac{39}{320}$	$\frac{1}{6}$	$\frac{281}{640}$	$\Phi_{1920}^2\ \Phi_{640}\ \Phi_{384}^2\ \Phi_{128}\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
138964	1795	2208	$\frac{1}{46}$	$\frac{45}{368}$	$\frac{413}{2208}$	$\frac{323}{736}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{96}\ \Phi_{92}\ \Phi_{69}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
138965	1795	2496	$\frac{1}{78}$	$\frac{77}{624}$	$\frac{701}{2496}$	$\frac{547}{1248}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{192}\ \Phi_{156}\ \Phi_{104}\ \Phi_{64}\ \Phi_{52}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
138966	1795	1104	$\frac{9}{368}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{1104}^2\ \Phi_{552}^2\ \Phi_{368}\ \Phi_{276}^2\ \Phi_{184}\ \Phi_{138}^2\ \Phi_{92}\ \Phi_{69}^2\ \Phi_{46}\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
138967	1795	630	$\frac{1}{45}$	$\frac{44}{315}$	$\frac{1}{6}$	$\frac{271}{630}$	$\Phi_{630}^2\ \Phi_{315}^3\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}^3\ \Phi_{90}^5\ \Phi_{70}^2\ \Phi_{63}^3\ \Phi_{45}^5\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{30}^5\ \Phi_{21}^3\ \Phi_{18}^5\ \Phi_{15}^5\ \Phi_{14}^2\ \Phi_{10}^5\ \Phi_9^5\ \Phi_7^3\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
138968	1795	624	$\frac{1}{78}$	$\frac{47}{312}$	$\frac{77}{312}$	$\frac{265}{624}$	$\Phi_{624}^5\ \Phi_{312}\ \Phi_{208}^5\ \Phi_{156}\ \Phi_{104}\ \Phi_{52}\ \Phi_{48}^5\ \Phi_{24}\ \Phi_{16}^5\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
138969	1795	624	$\frac{1}{26}$	$\frac{5}{52}$	$\frac{47}{312}$	$\frac{265}{624}$	$\Phi_{624}^5\ \Phi_{208}^5\ \Phi_{52}^5\ \Phi_{48}^5\ \Phi_{26}^4\ \Phi_{16}^5\ \Phi_{13}^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
138970	1795	600	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{59}{300}$	$\frac{241}{600}$	$\Phi_{600}^5\ \Phi_{200}^5\ \Phi_{120}^5\ \Phi_{60}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
138971	1795	1824	$\frac{29}{1824}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{32}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
138972	1795	2944	$\frac{1}{46}$	$\frac{45}{368}$	$\frac{323}{1472}$	$\frac{1149}{2944}$	$\Phi_{2944}\ \Phi_{368}\ \Phi_{184}\ \Phi_{128}\ \Phi_{92}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
138973	1795	2912	$\frac{1}{26}$	$\frac{25}{364}$	$\frac{339}{1456}$	$\frac{1117}{2912}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{364}\ \Phi_{224}\ \Phi_{182}\ \Phi_{91}\ \Phi_{52}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
138974	1795	576	$\frac{1}{72}$	$\frac{1}{6}$	$\frac{71}{288}$	$\frac{217}{576}$	$\Phi_{576}^5\ \Phi_{192}^5\ \Phi_{72}^5\ \Phi_{64}^5\ \Phi_{36}^5\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
138975	1795	4296	$\frac{1}{179}$	$\frac{1}{4}$	$\frac{178}{537}$	$\frac{3}{8}$	$\Phi_{4296}\ \Phi_{537}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
138976	1795	2808	$\frac{1}{78}$	$\frac{77}{468}$	$\frac{391}{1404}$	$\frac{1013}{2808}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{216}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
138977	1795	552	$\frac{1}{46}$	$\frac{9}{92}$	$\frac{83}{276}$	$\frac{193}{552}$	$\Phi_{552}^5\ \Phi_{184}^5\ \Phi_{92}^5\ \Phi_{46}^4\ \Phi_{24}^5\ \Phi_{23}^4\ \Phi_8^5\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
138978	1795	414	$\frac{1}{69}$	$\frac{55}{414}$	$\frac{68}{207}$	$\frac{139}{414}$	$\Phi_{414}^4\ \Phi_{207}^5\ \Phi_{138}^4\ \Phi_{69}^4\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{18}^4\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
138979	1795	540	$\frac{1}{90}$	$\frac{1}{6}$	$\frac{89}{270}$	$\frac{181}{540}$	$\Phi_{540}^5\ \Phi_{180}^5\ \Phi_{108}^5\ \Phi_{90}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{36}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{18}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
138980	1795	408	$\frac{2}{51}$	$\frac{49}{408}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{408}^5\ \Phi_{204}^5\ \Phi_{136}^5\ \Phi_{102}^2\ \Phi_{68}^5\ \Phi_{51}^3\ \Phi_{34}^2\ \Phi_{24}^5\ \Phi_{17}^3\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
138981	1795	378	$\frac{19}{378}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{378}^5\ \Phi_{189}^5\ \Phi_{126}^5\ \Phi_{63}^5\ \Phi_{54}^5\ \Phi_{42}^2\ \Phi_{27}^5\ \Phi_{21}^3\ \Phi_{18}^5\ \Phi_{14}^2\ \Phi_9^5\ \Phi_7^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
138982	1795	2484	$\frac{1}{69}$	$\frac{139}{828}$	$\frac{689}{2484}$	$\frac{68}{207}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{621}\ \Phi_{207}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
138983	1795	2664	$\frac{19}{888}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{869}{2664}$	$\Phi_{2664}\ \Phi_{1332}\ \Phi_{666}\ \Phi_{333}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
138984	1795	432	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{73}{432}$	$\frac{35}{108}$	$\Phi_{432}^5\ \Phi_{216}^5\ \Phi_{144}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
138985	1795	528	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{169}{528}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^4\ \Phi_{132}^3\ \Phi_{88}^4\ \Phi_{66}^3\ \Phi_{48}^3\ \Phi_{44}^4\ \Phi_{33}^3\ \Phi_{24}^5\ \Phi_{22}^4\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
138986	1795	1944	$\frac{5}{72}$	$\frac{149}{1944}$	$\frac{1}{6}$	$\frac{67}{216}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
138987	1795	2592	$\frac{5}{72}$	$\frac{67}{864}$	$\frac{1}{6}$	$\frac{797}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
138988	1795	468	$\frac{1}{26}$	$\frac{5}{52}$	$\frac{109}{468}$	$\frac{47}{156}$	$\Phi_{468}^5\ \Phi_{234}^5\ \Phi_{117}^5\ \Phi_{52}^5\ \Phi_{36}^5\ \Phi_{26}^4\ \Phi_{18}^5\ \Phi_{13}^4\ \Phi_9^5\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
138989	1795	378	$\frac{19}{378}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{378}^5\ \Phi_{189}^5\ \Phi_{126}^5\ \Phi_{63}^5\ \Phi_{54}^2\ \Phi_{42}^5\ \Phi_{27}^3\ \Phi_{21}^5\ \Phi_{18}^5\ \Phi_{14}^5\ \Phi_9^5\ \Phi_7^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
138990	1795	504	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{1}{6}$	$\frac{145}{504}$	$\Phi_{504}^5\ \Phi_{252}^5\ \Phi_{126}^5\ \Phi_{72}^5\ \Phi_{63}^5\ \Phi_{36}^5\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
138991	1795	2184	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{389}{2184}$	$\frac{157}{546}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{364}\ \Phi_{312}\ \Phi_{182}\ \Phi_{168}\ \Phi_{156}\ \Phi_{104}\ \Phi_{91}\ \Phi_{84}\ \Phi_{56}\ \Phi_{52}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
138992	1795	2376	$\frac{13}{594}$	$\frac{1}{6}$	$\frac{581}{2376}$	$\frac{5}{18}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{216}\ \Phi_{132}\ \Phi_{108}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
138993	1795	1836	$\frac{41}{1836}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{108}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
138994	1795	396	$\frac{13}{198}$	$\frac{37}{396}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{396}^5\ \Phi_{198}^4\ \Phi_{132}^5\ \Phi_{99}^4\ \Phi_{66}^4\ \Phi_{44}^5\ \Phi_{36}^5\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
138995	1795	1944	$\frac{149}{1944}$	$\frac{13}{162}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
138996	1795	480	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{39}{160}$	$\frac{121}{480}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^4\ \Phi_{120}^5\ \Phi_{96}^3\ \Phi_{80}^4\ \Phi_{60}^5\ \Phi_{48}^3\ \Phi_{40}^5\ \Phi_{32}^4\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{16}^4\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
138997	1795	2208	$\frac{1}{46}$	$\frac{413}{2208}$	$\frac{45}{184}$	$\frac{139}{552}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{368}\ \Phi_{184}\ \Phi_{96}\ \Phi_{92}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
138998	1795	468	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{109}{468}$	$\Phi_{468}^5\ \Phi_{234}^2\ \Phi_{156}^5\ \Phi_{117}^3\ \Phi_{78}^2\ \Phi_{52}^5\ \Phi_{39}^3\ \Phi_{36}^5\ \Phi_{26}^2\ \Phi_{18}^5\ \Phi_{13}^3\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
138999	1795	2016	$\frac{5}{72}$	$\frac{221}{2016}$	$\frac{1}{6}$	$\frac{67}{288}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
139000	1795	2304	$\frac{5}{72}$	$\frac{67}{576}$	$\frac{1}{6}$	$\frac{509}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
139001	1795	384	$\frac{25}{384}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{32}$	$\Phi_{384}^5\ \Phi_{192}^5\ \Phi_{128}^5\ \Phi_{96}^3\ \Phi_{64}^5\ \Phi_{48}^3\ \Phi_{32}^4\ \Phi_{24}^5\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
139002	1795	1320	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{81}{440}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{440}\ \Phi_{330}^2\ \Phi_{220}\ \Phi_{165}^2\ \Phi_{120}^2\ \Phi_{110}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
139003	1795	1200	$\frac{1}{10}$	$\frac{41}{400}$	$\frac{1}{6}$	$\frac{9}{50}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}\ \Phi_{300}^2\ \Phi_{240}^2\ \Phi_{200}\ \Phi_{120}^2\ \Phi_{100}\ \Phi_{80}\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
139004	1795	432	$\frac{5}{72}$	$\frac{67}{432}$	$\frac{1}{6}$	$\frac{73}{432}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{108}^4\ \Phi_{72}^5\ \Phi_{54}^4\ \Phi_{48}^4\ \Phi_{36}^5\ \Phi_{27}^4\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_{9}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
139005	1795	420	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{420}$	$\frac{1}{6}$	$\Phi_{420}^5\ \Phi_{210}^3\ \Phi_{140}^5\ \Phi_{105}^3\ \Phi_{84}^5\ \Phi_{70}^4\ \Phi_{60}^5\ \Phi_{42}^3\ \Phi_{35}^4\ \Phi_{30}^5\ \Phi_{28}^5\ \Phi_{21}^3\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_{7}^4\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
139006	1795	2016	$\frac{221}{2016}$	$\frac{31}{252}$	$\frac{5}{36}$	$\frac{1}{6}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
139007	1796	2688	$\frac{1}{448}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{447}{896}$	$\Phi_{2688}\ \Phi_{896}^2\ \Phi_{384}\ \Phi_{128}^2\ \Phi_{3}\ \Phi_{1}^2$
139008	1796	718	$\frac{1}{359}$	$\frac{90}{359}$	$\frac{269}{718}$	$\frac{179}{359}$	$\Phi_{718}^4\ \Phi_{359}\ \Phi_{2}^4\ \Phi_{1}^2$
139009	1796	895	$\frac{3}{895}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{446}{895}$	$\Phi_{895}^2\ \Phi_{179}^2\ \Phi_{5}^3\ \Phi_{1}^4$
139010	1796	4470	$\frac{2}{447}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{445}{894}$	$\Phi_{4470}\ \Phi_{1490}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
139011	1796	1785	$\frac{11}{1785}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{887}{1785}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}\ \Phi_{85}\ \Phi_{51}\ \Phi_{35}\ \Phi_{21}\ \Phi_{17}\ \Phi_{15}^2\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
139012	1796	600	$\frac{1}{150}$	$\frac{1}{5}$	$\frac{151}{600}$	$\frac{149}{300}$	$\Phi_{600}^4\ \Phi_{200}^4\ \Phi_{150}^4\ \Phi_{120}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{24}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
139013	1796	890	$\frac{4}{445}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{441}{890}$	$\Phi_{890}^4\ \Phi_{178}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
139014	1796	540	$\frac{1}{90}$	$\frac{91}{540}$	$\frac{1}{5}$	$\frac{89}{180}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
139015	1796	4440	$\frac{5}{444}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{439}{888}$	$\Phi_{4440}\ \Phi_{1480}\ \Phi_{120}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
139016	1796	1775	$\frac{21}{1775}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{877}{1775}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}\ \Phi_{25}^2\ \Phi_{5}\ \Phi_{1}^2$
139017	1796	885	$\frac{13}{885}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{436}{885}$	$\Phi_{885}^2\ \Phi_{295}^2\ \Phi_{177}^2\ \Phi_{59}^2\ \Phi_{15}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{1}^4$
139018	1796	4410	$\frac{8}{441}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{433}{882}$	$\Phi_{4410}\ \Phi_{1470}\ \Phi_{630}\ \Phi_{490}\ \Phi_{210}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
139019	1796	500	$\frac{1}{50}$	$\frac{51}{500}$	$\frac{1}{5}$	$\frac{49}{100}$	$\Phi_{500}^4\ \Phi_{250}^4\ \Phi_{125}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
139020	1796	880	$\frac{9}{440}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{431}{880}$	$\Phi_{880}^4\ \Phi_{176}^4\ \Phi_{80}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
139021	1796	1755	$\frac{41}{1755}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{857}{1755}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{27}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
139022	1796	875	$\frac{23}{875}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{426}{875}$	$\Phi_{875}^2\ \Phi_{175}^2\ \Phi_{125}^2\ \Phi_{35}^2\ \Phi_{25}^4\ \Phi_{7}^2\ \Phi_{5}^3\ \Phi_{1}^4$
139023	1796	870	$\frac{14}{435}$	$\frac{1}{29}$	$\frac{1}{3}$	$\frac{421}{870}$	$\Phi_{870}^4\ \Phi_{290}^4\ \Phi_{174}^4\ \Phi_{87}\ \Phi_{58}^4\ \Phi_{30}^4\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{2}^4$
139024	1796	870	$\frac{14}{435}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{421}{870}$	$\Phi_{870}^4\ \Phi_{290}^4\ \Phi_{174}^4\ \Phi_{58}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
139025	1796	465	$\frac{1}{31}$	$\frac{16}{465}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{465}^4\ \Phi_{155}^4\ \Phi_{93}^3\ \Phi_{31}^4\ \Phi_{15}^4\ \Phi_{5}^4\ \Phi_{3}^2\ \Phi_{1}^4$
139026	1796	480	$\frac{1}{30}$	$\frac{31}{480}$	$\frac{1}{5}$	$\frac{29}{60}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
139027	1796	1392	$\frac{15}{464}$	$\frac{1}{29}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{1392}^2\ \Phi_{696}^2\ \Phi_{348}^2\ \Phi_{174}^2\ \Phi_{87}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
139028	1796	2604	$\frac{1}{31}$	$\frac{15}{434}$	$\frac{1}{3}$	$\frac{419}{868}$	$\Phi_{2604}^2\ \Phi_{372}^2\ \Phi_{93}\ \Phi_{84}^2\ \Phi_{12}^2$
139029	1796	4320	$\frac{17}{432}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{415}{864}$	$\Phi_{4320}\ \Phi_{1440}\ \Phi_{480}\ \Phi_{160}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
139030	1796	1725	$\frac{71}{1725}$	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{827}{1725}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{345}\ \Phi_{115}\ \Phi_{75}^2\ \Phi_{69}\ \Phi_{25}^2\ \Phi_{23}\ \Phi_{15}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
139031	1796	855	$\frac{2}{45}$	$\frac{43}{855}$	$\frac{1}{5}$	$\frac{406}{855}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{171}^2\ \Phi_{95}^2\ \Phi_{57}^2\ \Phi_{45}^4\ \Phi_{19}^2\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
139032	1796	2340	$\frac{19}{468}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
139033	1796	850	$\frac{1}{25}$	$\frac{24}{425}$	$\frac{1}{5}$	$\frac{401}{850}$	$\Phi_{850}^4\ \Phi_{170}^4\ \Phi_{50}^4\ \Phi_{34}^4\ \Phi_{25}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
139034	1796	840	$\frac{1}{30}$	$\frac{29}{420}$	$\frac{1}{5}$	$\frac{391}{840}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{168}^4\ \Phi_{120}^4\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
139035	1796	825	$\frac{2}{75}$	$\frac{73}{825}$	$\frac{1}{5}$	$\frac{376}{825}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}^2\ \Phi_{75}^4\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_{11}^2\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
139036	1796	460	$\frac{11}{460}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{460}^4\ \Phi_{230}^4\ \Phi_{115}^4\ \Phi_{92}^4\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
139037	1796	810	$\frac{1}{45}$	$\frac{44}{405}$	$\frac{1}{5}$	$\frac{361}{810}$	$\Phi_{810}^4\ \Phi_{270}^4\ \Phi_{162}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
139038	1796	800	$\frac{1}{50}$	$\frac{49}{400}$	$\frac{1}{5}$	$\frac{351}{800}$	$\Phi_{800}^4\ \Phi_{160}^4\ \Phi_{50}^4\ \Phi_{32}^4\ \Phi_{25}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
139039	1796	1575	$\frac{4}{225}$	$\frac{221}{1575}$	$\frac{1}{5}$	$\frac{677}{1575}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}^2\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{25}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
139040	1796	2280	$\frac{7}{456}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{120}\ \Phi_{95}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
139041	1796	750	$\frac{1}{75}$	$\frac{74}{375}$	$\frac{1}{5}$	$\frac{301}{750}$	$\Phi_{750}^4\ \Phi_{250}^4\ \Phi_{150}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
139042	1796	720	$\frac{1}{90}$	$\frac{1}{5}$	$\frac{89}{360}$	$\frac{271}{720}$	$\Phi_{720}^4\ \Phi_{240}^4\ \Phi_{144}^4\ \Phi_{90}^4\ \Phi_{80}^4\ \Phi_{48}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
139043	1796	675	$\frac{2}{225}$	$\frac{1}{5}$	$\frac{223}{675}$	$\frac{226}{675}$	$\Phi_{675}^2\ \Phi_{225}^4\ \Phi_{135}^2\ \Phi_{75}^4\ \Phi_{45}^4\ \Phi_{27}^2\ \Phi_{25}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
139044	1796	672	$\frac{1}{224}$	$\frac{223}{672}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^2\ \Phi_{168}^3\ \Phi_{112}^2\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{56}^2\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
139045	1796	1356	$\frac{3}{452}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1356}\ \Phi_{678}\ \Phi_{452}^2\ \Phi_{339}\ \Phi_{226}^2\ \Phi_{113}^2\ \Phi_3\ \Phi_1^2$
139046	1796	1680	$\frac{1}{112}$	$\frac{111}{560}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}^2\ \Phi_{420}\ \Phi_{280}^2\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{105}\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
139047	1796	1365	$\frac{6}{455}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}^2\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}^2\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{35}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
139048	1796	456	$\frac{7}{456}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{456}^4\ \Phi_{228}^4\ \Phi_{152}^4\ \Phi_{114}^4\ \Phi_{76}^4\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{24}^3\ \Phi_{19}^4\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
139049	1796	1536	$\frac{1}{64}$	$\frac{63}{512}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}^2\ \Phi_{384}\ \Phi_{256}^2\ \Phi_{128}^2\ \Phi_3\ \Phi_1^2$
139050	1796	504	$\frac{1}{56}$	$\frac{55}{504}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^3\ \Phi_{126}^4\ \Phi_{84}^3\ \Phi_{72}^4\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^3\ \Phi_{36}^4\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^4\ \Phi_8^2\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
139051	1796	462	$\frac{13}{462}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}^4\ \Phi_{42}^3\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{11}^4\ \Phi_7^2\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
139052	1796	480	$\frac{1}{32}$	$\frac{31}{480}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^3\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^3\ \Phi_{40}^4\ \Phi_{32}^2\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{16}^2\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_8^2\ \Phi_6^3\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
139053	1796	1392	$\frac{15}{464}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}^2\ \Phi_{348}\ \Phi_{232}^2\ \Phi_{174}\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_3\ \Phi_1^2$
139054	1796	1428	$\frac{1}{28}$	$\frac{27}{476}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}^2\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{204}\ \Phi_{119}^2\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_3\ \Phi_1^2$
139055	1796	957	$\frac{1}{29}$	$\frac{59}{957}$	$\frac{28}{87}$	$\frac{1}{3}$	$\Phi_{957}^2\ \Phi_{319}^2\ \Phi_{87}\ \Phi_{33}^2\ \Phi_{11}^2$
139056	1796	1305	$\frac{1}{29}$	$\frac{28}{435}$	$\frac{407}{1305}$	$\frac{1}{3}$	$\Phi_{1305}^2\ \Phi_{261}^2\ \Phi_{87}\ \Phi_{45}^2\ \Phi_9^2$
139057	1796	651	$\frac{1}{31}$	$\frac{15}{217}$	$\frac{202}{651}$	$\frac{1}{3}$	$\Phi_{651}^2\ \Phi_{217}^4\ \Phi_{93}^3\ \Phi_{31}^4\ \Phi_{21}^2\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
139058	1796	1488	$\frac{1}{31}$	$\frac{47}{496}$	$\frac{15}{62}$	$\frac{1}{3}$	$\Phi_{1488}^2\ \Phi_{744}^2\ \Phi_{372}^2\ \Phi_{93}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2$
139059	1796	1740	$\frac{1}{29}$	$\frac{14}{145}$	$\frac{131}{580}$	$\frac{1}{3}$	$\Phi_{1740}^2\ \Phi_{870}^2\ \Phi_{348}^2\ \Phi_{174}^2\ \Phi_{87}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{12}^2\ \Phi_6^2$
139060	1796	3045	$\frac{1}{29}$	$\frac{117}{1015}$	$\frac{28}{145}$	$\frac{1}{3}$	$\Phi_{3045}\ \Phi_{609}\ \Phi_{105}\ \Phi_{87}\ \Phi_{21}$
139061	1796	3255	$\frac{1}{31}$	$\frac{30}{217}$	$\frac{187}{1085}$	$\frac{1}{3}$	$\Phi_{3255}\ \Phi_{465}\ \Phi_{105}\ \Phi_{93}\ \Phi_{15}$
139062	1796	522	$\frac{1}{29}$	$\frac{73}{522}$	$\frac{14}{87}$	$\frac{1}{3}$	$\Phi_{522}^4\ \Phi_{261}^4\ \Phi_{174}^4\ \Phi_{87}\ \Phi_{58}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_2^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
139063	1796	540	$\frac{1}{45}$	$\frac{91}{540}$	$\frac{1}{5}$	$\frac{44}{135}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{54}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{18}^4$ $\Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
139064	1796	3330	$\frac{5}{222}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{217}{666}$	$\Phi_{3330}\ \Phi_{1665}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
139065	1796	660	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{211}{660}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{165}^4\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{60}^4\ \Phi_{33}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{6}^4$ $\Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
139066	1796	2430	$\frac{1}{18}$	$\frac{37}{486}$	$\frac{1}{5}$	$\frac{17}{54}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{810}\ \Phi_{405}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
139067	1796	3240	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{1}{5}$	$\frac{199}{648}$	$\Phi_{3240}\ \Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
139068	1796	945	$\frac{47}{945}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{135}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{9}^2$ $\Phi_{7}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
139069	1796	630	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{1}{5}$	$\frac{181}{630}$	$\Phi_{630}^4\ \Phi_{315}^4\ \Phi_{126}^4\ \Phi_{90}^4\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_{9}^4\ \Phi_{6}^4$ $\Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
139070	1796	510	$\frac{11}{255}$	$\frac{61}{510}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{510}^4\ \Phi_{255}^3\ \Phi_{170}^4\ \Phi_{102}^4\ \Phi_{85}^3\ \Phi_{51}^3\ \Phi_{34}^4\ \Phi_{30}^4\ \Phi_{17}^3\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_{6}^4$ $\Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
139071	1796	945	$\frac{47}{945}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{9}^2$ $\Phi_{7}\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
139072	1796	600	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{49}{200}$	$\frac{151}{600}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{150}^4\ \Phi_{120}^4\ \Phi_{75}^4\ \Phi_{60}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{24}^4\ \Phi_{15}^4\ \Phi_{12}^4$ $\Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
139073	1796	2520	$\frac{1}{18}$	$\frac{55}{504}$	$\frac{1}{5}$	$\frac{17}{72}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}$ $\Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
139074	1796	585	$\frac{41}{585}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{136}{585}$	$\Phi_{585}^3\ \Phi_{195}^3\ \Phi_{117}^3\ \Phi_{65}^3\ \Phi_{45}^4\ \Phi_{39}^3\ \Phi_{15}^4\ \Phi_{13}^3\ \Phi_{9}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{1}^4$
139075	1796	480	$\frac{31}{480}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{40}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{16}^4$ $\Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
139076	1796	2880	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{1}{5}$	$\frac{127}{576}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{160}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
139077	1796	500	$\frac{2}{25}$	$\frac{51}{500}$	$\frac{23}{125}$	$\frac{1}{5}$	$\Phi_{500}^4\ \Phi_{250}^4\ \Phi_{125}^2\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
139078	1796	550	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{550}$	$\frac{1}{5}$	$\Phi_{550}^4\ \Phi_{275}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
139079	1796	540	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{91}{540}$	$\frac{1}{5}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^3\ \Phi_{54}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{27}^4$ $\Phi_{20}^3\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
139080	1796	525	$\frac{2}{25}$	$\frac{23}{175}$	$\frac{76}{525}$	$\frac{1}{5}$	$\Phi_{525}^4\ \Phi_{175}^2\ \Phi_{105}^4\ \Phi_{75}^4\ \Phi_{35}^2\ \Phi_{25}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_{7}^2\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{1}^4$
139081	1796	2520	$\frac{55}{504}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{5}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}$ $\Phi_{120}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
139082	1797	3584	$\frac{5}{1792}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1787}{3584}$	$\Phi_{3584}\ \Phi_{512}\ \Phi_{8}\ \Phi_{1}$
139083	1797	2388	$\frac{2}{597}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{595}{1194}$	$\Phi_{2388}\ \Phi_{796}\ \Phi_{597}\ \Phi_{199}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
139084	1797	800	$\frac{1}{200}$	$\frac{1}{4}$	$\frac{201}{800}$	$\frac{199}{400}$	$\Phi_{800}^3\ \Phi_{200}^3\ \Phi_{160}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_{8}^3\ \Phi_{5}^3$ $\Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
139085	1797	1192	$\frac{3}{596}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{593}{1192}$	$\Phi_{1192}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
139086	1797	2380	$\frac{4}{595}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{591}{1190}$	$\Phi_{2380}\ \Phi_{595}\ \Phi_{476}\ \Phi_{340}\ \Phi_{140}\ \Phi_{119}\ \Phi_{85}\ \Phi_{68}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}^2$ $\Phi_{17}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
139087	1797	720	$\frac{1}{120}$	$\frac{121}{720}$	$\frac{1}{4}$	$\frac{119}{240}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^3\ \Phi_{30}^3$ $\Phi_{24}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_{9}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{4}^3\ \Phi_{3}^3\ \Phi_{2}^3\ \Phi_{1}^3$
139088	1797	1188	$\frac{5}{594}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{589}{1188}$	$\Phi_{1188}\ \Phi_{594}^2\ \Phi_{396}\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{44}$ $\Phi_{36}\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
139089	1797	3560	$\frac{17}{1780}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1763}{3560}$	$\Phi_{3560}\ \Phi_{712}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
139090	1797	1184	$\frac{7}{592}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{585}{1184}$	$\Phi_{1184}^3\ \Phi_{32}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
139091	1797	2000	$\frac{3}{200}$	$\frac{203}{2000}$	$\frac{1}{4}$	$\frac{197}{400}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}$ $\Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
139092	1797	1180	$\frac{9}{590}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{581}{1180}$	$\Phi_{1180}\ \Phi_{590}^2\ \Phi_{295}^2\ \Phi_{236}\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
139093	1797	1176	$\frac{11}{588}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{577}{1176}$	$\Phi_{1176}^3\ \Phi_{392}^3\ \Phi_{168}^3\ \Phi_{56}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
139094	1797	3520	$\frac{37}{1760}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1723}{3520}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
139095	1797	2340	$\frac{14}{585}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{571}{1170}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{585}\ \Phi_{468}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{156}\ \Phi_{117}\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{52}\ \Phi_{45}\ \Phi_{39}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
139096	1797	640	$\frac{1}{40}$	$\frac{41}{640}$	$\frac{1}{4}$	$\frac{39}{80}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
139097	1797	1160	$\frac{19}{580}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{561}{1160}$	$\Phi_{1160}^3\ \Phi_{232}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
139098	1797	1152	$\frac{23}{576}$	$\frac{1}{24}$	$\frac{1}{4}$	$\frac{553}{1152}$	$\Phi_{1152}^3\ \Phi_{384}^3\ \Phi_{128}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
139099	1797	624	$\frac{25}{624}$	$\frac{1}{24}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{26}^3\ \Phi_{24}^3\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
139100	1797	2300	$\frac{1}{25}$	$\frac{24}{575}$	$\frac{1}{4}$	$\frac{551}{1150}$	$\Phi_{2300}\ \Phi_{575}\ \Phi_{460}\ \Phi_{115}\ \Phi_{100}^2\ \Phi_{92}\ \Phi_{50}\ \Phi_{25}\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
139101	1797	1140	$\frac{1}{30}$	$\frac{29}{570}$	$\frac{1}{4}$	$\frac{541}{1140}$	$\Phi_{1140}\ \Phi_{570}^2\ \Phi_{380}\ \Phi_{285}^2\ \Phi_{228}\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{76}\ \Phi_{60}^3\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{19}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
139102	1797	3400	$\frac{3}{100}$	$\frac{97}{1700}$	$\frac{1}{4}$	$\frac{1603}{3400}$	$\Phi_{3400}\ \Phi_{680}\ \Phi_{200}\ \Phi_{136}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
139103	1797	1120	$\frac{1}{40}$	$\frac{39}{560}$	$\frac{1}{4}$	$\frac{521}{1120}$	$\Phi_{1120}^3\ \Phi_{224}^3\ \Phi_{160}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
139104	1797	1840	$\frac{43}{1840}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{368}\ \Phi_{230}\ \Phi_{184}\ \Phi_{115}\ \Phi_{92}\ \Phi_{46}\ \Phi_{40}\ \Phi_{23}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
139105	1797	1100	$\frac{1}{50}$	$\frac{49}{550}$	$\frac{1}{4}$	$\frac{501}{1100}$	$\Phi_{1100}\ \Phi_{550}^2\ \Phi_{275}^2\ \Phi_{220}\ \Phi_{110}^2\ \Phi_{100}^3\ \Phi_{55}^2\ \Phi_{50}^3\ \Phi_{44}\ \Phi_{25}^3\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{11}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
139106	1797	1080	$\frac{1}{60}$	$\frac{59}{540}$	$\frac{1}{4}$	$\frac{481}{1080}$	$\Phi_{1080}^3\ \Phi_{360}^3\ \Phi_{216}^3\ \Phi_{120}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
139107	1797	3200	$\frac{3}{200}$	$\frac{197}{1600}$	$\frac{1}{4}$	$\frac{1403}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{200}\ \Phi_{128}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
139108	1797	608	$\frac{9}{608}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{608}^3\ \Phi_{304}^3\ \Phi_{152}^3\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{32}^3\ \Phi_{19}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
139109	1797	2100	$\frac{1}{75}$	$\frac{74}{525}$	$\frac{1}{4}$	$\frac{451}{1050}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}^2\ \Phi_{175}\ \Phi_{150}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}^2\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{50}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{25}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
139110	1797	1000	$\frac{1}{100}$	$\frac{99}{500}$	$\frac{1}{4}$	$\frac{401}{1000}$	$\Phi_{1000}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
139111	1797	960	$\frac{1}{120}$	$\frac{119}{480}$	$\frac{1}{4}$	$\frac{361}{960}$	$\Phi_{960}^3\ \Phi_{320}^3\ \Phi_{192}^3\ \Phi_{120}^3\ \Phi_{64}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
139112	1797	896	$\frac{5}{896}$	$\frac{1}{4}$	$\frac{297}{896}$	$\frac{3}{8}$	$\Phi_{896}^2\ \Phi_{448}^2\ \Phi_{224}^2\ \Phi_{128}^2\ \Phi_{112}^2\ \Phi_{64}^2\ \Phi_{56}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
139113	1797	1808	$\frac{11}{1808}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1808}\ \Phi_{904}\ \Phi_{452}\ \Phi_{226}\ \Phi_{113}\ \Phi_8\ \Phi_1$
139114	1797	2240	$\frac{5}{448}$	$\frac{443}{2240}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{320}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
139115	1797	608	$\frac{9}{608}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{608}^3\ \Phi_{304}^3\ \Phi_{152}^3\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{32}^2\ \Phi_{19}^3\ \Phi_{16}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
139116	1797	2048	$\frac{5}{256}$	$\frac{251}{2048}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{512}\ \Phi_8\ \Phi_1$
139117	1797	672	$\frac{5}{224}$	$\frac{73}{672}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^2\ \Phi_{168}^3\ \Phi_{112}^2\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{56}^2\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
139118	1797	616	$\frac{17}{616}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}^3\ \Phi_{308}^3\ \Phi_{154}^3\ \Phi_{88}^3\ \Phi_{77}^3\ \Phi_{56}^2\ \Phi_{44}^3\ \Phi_{28}^2\ \Phi_{22}^3\ \Phi_{14}^2\ \Phi_{11}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
139119	1797	1856	$\frac{59}{1856}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{29}\ \Phi_8\ \Phi_1$
139120	1797	640	$\frac{5}{128}$	$\frac{41}{640}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{128}^2\ \Phi_{80}^3\ \Phi_{64}^2\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
139121	1797	1904	$\frac{5}{112}$	$\frac{107}{1904}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{272}\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_8\ \Phi_1$
139122	1797	900	$\frac{1}{150}$	$\frac{1}{4}$	$\frac{149}{450}$	$\frac{301}{900}$	$\Phi_{900}\ \Phi_{450}^2\ \Phi_{300}^3\ \Phi_{225}^2\ \Phi_{180}\ \Phi_{150}^3\ \Phi_{100}^3\ \Phi_{90}^2\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^3\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{30}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
139123	1797	771	$\frac{2}{257}$	$\frac{172}{771}$	$\frac{85}{257}$	$\frac{1}{3}$	$\Phi_{771}^2\ \Phi_{257}^3\ \Phi_3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
139124	1797	720	$\frac{1}{60}$	$\frac{121}{720}$	$\frac{1}{4}$	$\frac{59}{180}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{144}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3$ $\Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
139125	1797	888	$\frac{7}{296}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{289}{888}$	$\Phi_{888}^3\ \Phi_{444}^3\ \Phi_{222}^3\ \Phi_{111}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
139126	1797	648	$\frac{1}{24}$	$\frac{49}{648}$	$\frac{1}{4}$	$\frac{23}{72}$	$\Phi_{648}^3\ \Phi_{324}^3\ \Phi_{216}^3\ \Phi_{162}^3\ \Phi_{108}^3\ \Phi_{81}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3$ $\Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
139127	1797	880	$\frac{37}{880}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{281}{880}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{176}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{80}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^3\ \Phi_{22}^2\ \Phi_{20}^3$ $\Phi_{16}^2\ \Phi_{11}^2\ \Phi_{10}^3\ \Phi_{8}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
139128	1797	1260	$\frac{31}{630}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}^2\ \Phi_{126}\ \Phi_{105}$ $\Phi_{84}^2\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}$ $\Phi_{14}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
139129	1797	864	$\frac{1}{24}$	$\frac{23}{288}$	$\frac{1}{4}$	$\frac{265}{864}$	$\Phi_{864}^3\ \Phi_{432}^3\ \Phi_{216}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2$ Φ_{1}^3
139130	1797	840	$\frac{1}{40}$	$\frac{39}{280}$	$\frac{1}{4}$	$\frac{241}{840}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{40}^3\ \Phi_{30}^3$ $\Phi_{24}^3\ \Phi_{21}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
139131	1797	612	$\frac{13}{612}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{204}^3\ \Phi_{153}^3\ \Phi_{102}^3\ \Phi_{68}^3\ \Phi_{51}^3\ \Phi_{36}\ \Phi_{34}^3\ \Phi_{18}^2\ \Phi_{17}^3\ \Phi_{12}^3$ $\Phi_{9}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
139132	1797	800	$\frac{3}{200}$	$\frac{197}{800}$	$\frac{1}{4}$	$\frac{201}{800}$	$\Phi_{800}^2\ \Phi_{400}^2\ \Phi_{200}^3\ \Phi_{160}^2\ \Phi_{100}^3\ \Phi_{80}^2\ \Phi_{50}^3\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{16}^2$ $\Phi_{10}^3\ \Phi_{8}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
139133	1797	792	$\frac{5}{198}$	$\frac{1}{6}$	$\frac{193}{792}$	$\frac{1}{4}$	$\Phi_{792}^3\ \Phi_{396}\ \Phi_{264}^3\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{99}^2\ \Phi_{88}^3\ \Phi_{72}^2\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}^2$ $\Phi_{24}^3\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
139134	1797	672	$\frac{1}{24}$	$\frac{73}{672}$	$\frac{23}{96}$	$\frac{1}{4}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{14}^3$ $\Phi_{12}^3\ \Phi_{8}^3\ \Phi_{7}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
139135	1797	780	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{181}{780}$	$\frac{1}{4}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^3\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}^3\ \Phi_{60}^3\ \Phi_{52}^2\ \Phi_{39}^3$ $\Phi_{30}^3\ \Phi_{26}^2\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
139136	1797	640	$\frac{41}{640}$	$\frac{3}{40}$	$\frac{37}{160}$	$\frac{1}{4}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^2\ \Phi_{128}^3\ \Phi_{80}^2\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}^3\ \Phi_{8}^3$ $\Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
139137	1797	768	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{169}{768}$	$\frac{1}{4}$	$\Phi_{768}^3\ \Phi_{384}^3\ \Phi_{256}^3\ \Phi_{128}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
139138	1797	680	$\frac{4}{85}$	$\frac{81}{680}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{680}^3\ \Phi_{340}^2\ \Phi_{170}^2\ \Phi_{136}^3\ \Phi_{85}^3\ \Phi_{68}^2\ \Phi_{40}^3\ \Phi_{34}^2\ \Phi_{20}^3\ \Phi_{17}^3\ \Phi_{10}^3\ \Phi_{8}^3$ $\Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
139139	1797	1260	$\frac{31}{630}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}$ $\Phi_{90}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{18}$ $\Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
139140	1797	2200	$\frac{3}{40}$	$\frac{37}{440}$	$\frac{403}{2200}$	$\frac{1}{4}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}$ $\Phi_{8}\ \Phi_{5}\ \Phi_{1}$
139141	1797	720	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{121}{720}$	$\frac{1}{4}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3$ $\Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
139142	1797	648	$\frac{49}{648}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{648}^3\ \Phi_{324}^3\ \Phi_{216}^3\ \Phi_{162}^3\ \Phi_{108}\ \Phi_{81}^3\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{36}\ \Phi_{27}^2\ \Phi_{24}^3\ \Phi_{18}^2$ $\Phi_{12}^3\ \Phi_{9}^2\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
139143	1797	660	$\frac{5}{66}$	$\frac{61}{660}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}^3\ \Phi_{132}\ \Phi_{110}^3\ \Phi_{66}^2\ \Phi_{60}^3\ \Phi_{55}^3\ \Phi_{44}\ \Phi_{33}^2$ $\Phi_{30}^3\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_{10}^3\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
139144	1797	672	$\frac{1}{12}$	$\frac{73}{672}$	$\frac{11}{84}$	$\frac{1}{4}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3$ $\Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
139145	1798	1794	$\frac{2}{897}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{895}{1794}$	$\Phi_{1794}^2\ \Phi_{598}^2\ \Phi_{138}^2\ \Phi_{78}^2\ \Phi_{46}^2\ \Phi_{26}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
139146	1798	1200	$\frac{1}{300}$	$\frac{301}{1200}$	$\frac{1}{3}$	$\frac{299}{600}$	$\Phi_{1200}^2\ \Phi_{400}^2\ \Phi_{300}^2\ \Phi_{240}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{48}^2$ $\Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
139147	1798	5376	$\frac{3}{896}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{893}{1792}$	$\Phi_{5376}\ \Phi_{768}\ \Phi_{12}\ \Phi_{6}$
139148	1798	1791	$\frac{7}{1791}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{892}{1791}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
139149	1798	5370	$\frac{4}{895}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{891}{1790}$	$\Phi_{5370}\ \Phi_{1074}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
139150	1798	1080	$\frac{1}{180}$	$\frac{181}{1080}$	$\frac{1}{3}$	$\frac{179}{360}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^2$ $\Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2$ Φ_{1}^2

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
139151	1798	1788	$\frac{5}{894}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{889}{1788}$	$\Phi_{1788}^2\ \Phi_{596}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139152	1798	1785	$\frac{13}{1785}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{886}{1785}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}\ \Phi_{85}\ \Phi_{51}\ \Phi_{35}\ \Phi_{21}\ \Phi_{17}\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
139153	1798	1782	$\frac{8}{891}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{883}{1782}$	$\Phi_{1782}^2\ \Phi_{594}^2\ \Phi_{198}^2\ \Phi_{162}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139154	1798	3000	$\frac{1}{100}$	$\frac{101}{1000}$	$\frac{1}{3}$	$\frac{99}{200}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{375}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
139155	1798	5340	$\frac{9}{890}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{881}{1780}$	$\Phi_{5340}\ \Phi_{1068}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
139156	1798	1776	$\frac{11}{888}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{877}{1776}$	$\Phi_{1776}^2\ \Phi_{592}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139157	1798	1770	$\frac{14}{885}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{871}{1770}$	$\Phi_{1770}^2\ \Phi_{590}^2\ \Phi_{354}^2\ \Phi_{118}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139158	1798	3416	$\frac{1}{61}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{30}{61}$	$\Phi_{3416}\ \Phi_{488}\ \Phi_{61}\ \Phi_{56}^2\ \Phi_8^2\ \Phi_1^2$
139159	1798	2562	$\frac{1}{61}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{30}{61}$	$\Phi_{2562}\ \Phi_{1281}\ \Phi_{366}\ \Phi_{183}\ \Phi_{61}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
139160	1798	1952	$\frac{1}{61}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{30}{61}$	$\Phi_{1952}\ \Phi_{976}\ \Phi_{488}\ \Phi_{61}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
139161	1798	2135	$\frac{1}{61}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{30}{61}$	$\Phi_{2135}\ \Phi_{305}\ \Phi_{61}\ \Phi_{35}^2\ \Phi_5^2\ \Phi_1^2$
139162	1798	960	$\frac{1}{60}$	$\frac{61}{960}$	$\frac{1}{3}$	$\frac{59}{120}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139163	1798	1140	$\frac{1}{57}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{28}{57}$	$\Phi_{1140}^3\ \Phi_{380}^3\ \Phi_{228}^3\ \Phi_{76}^3\ \Phi_{60}^4\ \Phi_{57}\ \Phi_{20}^4\ \Phi_{19}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
139164	1798	627	$\frac{1}{57}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{28}{57}$	$\Phi_{627}^3\ \Phi_{209}^3\ \Phi_{57}\ \Phi_{33}^4\ \Phi_{19}\ \Phi_{11}^4\ \Phi_3\ \Phi_1^2$
139165	1798	855	$\frac{1}{57}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{28}{57}$	$\Phi_{855}^3\ \Phi_{171}^3\ \Phi_{57}\ \Phi_{45}^4\ \Phi_{19}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
139166	1798	2280	$\frac{1}{57}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{28}{57}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{456}\ \Phi_{380}\ \Phi_{228}\ \Phi_{152}\ \Phi_{120}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
139167	1798	1995	$\frac{1}{57}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{28}{57}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{133}\ \Phi_{105}\ \Phi_{57}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{19}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
139168	1798	684	$\frac{1}{57}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{28}{57}$	$\Phi_{684}^3\ \Phi_{342}^3\ \Phi_{228}^3\ \Phi_{171}^3\ \Phi_{76}^3\ \Phi_{57}\ \Phi_{36}^4\ \Phi_{19}\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
139169	1798	1764	$\frac{17}{882}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{865}{1764}$	$\Phi_{1764}^2\ \Phi_{588}^2\ \Phi_{252}^2\ \Phi_{196}^2\ \Phi_{84}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139170	1798	5280	$\frac{19}{880}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{861}{1760}$	$\Phi_{5280}\ \Phi_{1056}\ \Phi_{480}\ \Phi_{96}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
139171	1798	1755	$\frac{43}{1755}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{856}{1755}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{27}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
139172	1798	5250	$\frac{24}{875}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{851}{1750}$	$\Phi_{5250}\ \Phi_{1050}\ \Phi_{750}\ \Phi_{210}\ \Phi_{150}\ \Phi_{75}\ \Phi_{42}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
139173	1798	936	$\frac{1}{36}$	$\frac{37}{936}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139174	1798	60	$\frac{1}{30}$	$\frac{1}{30}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{60}^{58}\ \Phi_{30}^2\ \Phi_{20}^{58}\ \Phi_{15}^2\ \Phi_{12}^{58}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^{58}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139175	1798	1140	$\frac{1}{30}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{29}{60}$	$\Phi_{1140}^3\ \Phi_{380}^3\ \Phi_{228}^3\ \Phi_{76}^3\ \Phi_{60}^4\ \Phi_{38}^2\ \Phi_{20}^4\ \Phi_{19}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
139176	1798	672	$\frac{1}{32}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{672}^4\ \Phi_{336}^4\ \Phi_{168}^3\ \Phi_{96}^5\ \Phi_{84}^4\ \Phi_{48}^5\ \Phi_{42}^4\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
139177	1798	1728	$\frac{1}{36}$	$\frac{35}{864}$	$\frac{1}{3}$	$\frac{829}{1728}$	$\Phi_{1728}^2\ \Phi_{576}^2\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139178	1798	1725	$\frac{2}{75}$	$\frac{73}{1725}$	$\frac{1}{3}$	$\frac{826}{1725}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{345}\ \Phi_{115}\ \Phi_{75}^2\ \Phi_{69}\ \Phi_{25}^2\ \Phi_{23}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
139179	1798	210	$\frac{1}{30}$	$\frac{1}{21}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{210}^9\ \Phi_{105}^9\ \Phi_{70}^9\ \Phi_{42}^7\ \Phi_{35}^9\ \Phi_{30}^8\ \Phi_{21}^8\ \Phi_{15}^8\ \Phi_{14}^7\ \Phi_{10}^8\ \Phi_7^8\ \Phi_6^6\ \Phi_5^8\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
139180	1798	2760	$\frac{21}{920}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
139181	1798	1710	$\frac{1}{45}$	$\frac{44}{855}$	$\frac{1}{3}$	$\frac{811}{1710}$	$\Phi_{1710}^2\ \Phi_{570}^2\ \Phi_{342}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139182	1798	5100	$\frac{1}{50}$	$\frac{49}{850}$	$\frac{1}{3}$	$\frac{801}{1700}$	$\Phi_{5100}\ \Phi_{1020}\ \Phi_{300}\ \Phi_{204}\ \Phi_{150}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
139183	1798	1680	$\frac{1}{60}$	$\frac{59}{840}$	$\frac{1}{3}$	$\frac{781}{1680}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
139184	1798	378	$\frac{1}{63}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{378}^{9}\,\Phi_{126}^{9}\,\Phi_{63}^{2}\,\Phi_{54}^{8}\,\Phi_{42}^{9}\,\Phi_{21}^{2}\,\Phi_{18}^{8}\,\Phi_{14}^{9}\,\Phi_{9}^{2}\,\Phi_{7}^{2}\,\Phi_{6}^{8}\,\Phi_{3}\,\Phi_{2}^{8}\,\Phi_{1}^{2}$
139185	1798	912	$\frac{13}{912}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{912}^{2}\,\Phi_{456}^{2}\,\Phi_{304}^{2}\,\Phi_{228}^{2}\,\Phi_{152}^{2}\,\Phi_{114}^{2}\,\Phi_{76}^{2}\,\Phi_{57}^{2}\,\Phi_{48}^{2}\,\Phi_{38}^{2}\,\Phi_{19}^{2}\,\Phi_{16}^{2}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
139186	1798	1650	$\frac{1}{75}$	$\frac{74}{825}$	$\frac{1}{3}$	$\frac{751}{1650}$	$\Phi_{1650}^{2}\,\Phi_{550}^{2}\,\Phi_{330}^{2}\,\Phi_{150}^{2}\,\Phi_{110}^{2}\,\Phi_{75}^{2}\,\Phi_{66}^{2}\,\Phi_{50}^{2}\,\Phi_{30}^{2}\,\Phi_{25}^{2}\,\Phi_{22}^{2}\,\Phi_{15}^{2}\,\Phi_{10}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
139187	1798	2520	$\frac{1}{63}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{2520}\,\Phi_{840}\,\Phi_{630}\,\Phi_{504}\,\Phi_{360}\,\Phi_{315}\,\Phi_{280}\,\Phi_{210}\,\Phi_{168}\,\Phi_{126}\,\Phi_{120}\,\Phi_{105}\,\Phi_{90}\,\Phi_{72}\,\Phi_{70}\,\Phi_{56}\,\Phi_{45}\,\Phi_{42}\,\Phi_{35}\,\Phi_{30}\,\Phi_{24}\,\Phi_{18}\,\Phi_{15}\,\Phi_{14}\,\Phi_{6}$
139188	1798	3304	$\frac{1}{59}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{3304}\,\Phi_{472}\,\Phi_{236}\,\Phi_{118}$
139189	1798	840	$\frac{1}{30}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{840}^{4}\,\Phi_{280}^{4}\,\Phi_{210}\,\Phi_{168}^{4}\,\Phi_{120}^{4}\,\Phi_{105}\,\Phi_{70}\,\Phi_{56}^{2}\,\Phi_{42}\,\Phi_{40}^{4}\,\Phi_{35}\,\Phi_{24}^{4}\,\Phi_{21}\,\Phi_{14}\,\Phi_{8}^{2}$
139190	1798	1620	$\frac{1}{90}$	$\frac{89}{810}$	$\frac{1}{3}$	$\frac{721}{1620}$	$\Phi_{1620}^{2}\,\Phi_{540}^{2}\,\Phi_{324}^{2}\,\Phi_{180}^{2}\,\Phi_{108}^{2}\,\Phi_{90}^{2}\,\Phi_{60}^{2}\,\Phi_{45}^{2}\,\Phi_{36}^{2}\,\Phi_{30}^{2}\,\Phi_{20}^{2}\,\Phi_{18}^{2}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{10}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
139191	1798	180	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{180}^{12}\,\Phi_{90}^{9}\,\Phi_{60}^{12}\,\Phi_{45}^{9}\,\Phi_{36}^{10}\,\Phi_{30}^{8}\,\Phi_{20}^{12}\,\Phi_{18}^{7}\,\Phi_{15}^{8}\,\Phi_{12}^{10}\,\Phi_{10}^{8}\,\Phi_{9}^{8}\,\Phi_{6}^{6}\,\Phi_{5}^{8}\,\Phi_{4}^{10}\,\Phi_{3}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{8}$
139192	1798	4800	$\frac{1}{100}$	$\frac{99}{800}$	$\frac{1}{3}$	$\frac{701}{1600}$	$\Phi_{4800}\,\Phi_{960}\,\Phi_{300}\,\Phi_{192}\,\Phi_{150}\,\Phi_{75}\,\Phi_{60}\,\Phi_{30}\,\Phi_{15}\,\Phi_{12}\,\Phi_{6}$
139193	1798	1575	$\frac{2}{225}$	$\frac{223}{1575}$	$\frac{1}{3}$	$\frac{676}{1575}$	$\Phi_{1575}\,\Phi_{525}\,\Phi_{315}\,\Phi_{225}^{2}\,\Phi_{175}\,\Phi_{105}\,\Phi_{75}^{2}\,\Phi_{63}\,\Phi_{45}^{2}\,\Phi_{35}\,\Phi_{25}^{2}\,\Phi_{21}\,\Phi_{15}^{2}\,\Phi_{9}^{2}\,\Phi_{7}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
139194	1798	210	$\frac{1}{30}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{210}^{9}\,\Phi_{105}^{9}\,\Phi_{70}^{9}\,\Phi_{42}^{9}\,\Phi_{35}^{7}\,\Phi_{30}^{8}\,\Phi_{21}^{9}\,\Phi_{15}^{8}\,\Phi_{14}^{9}\,\Phi_{10}^{8}\,\Phi_{7}^{8}\,\Phi_{6}^{8}\,\Phi_{5}^{6}\,\Phi_{3}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
139195	1798	270	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{270}^{6}\,\Phi_{135}^{6}\,\Phi_{90}^{9}\,\Phi_{54}^{4}\,\Phi_{45}^{9}\,\Phi_{30}^{8}\,\Phi_{27}^{6}\,\Phi_{18}^{7}\,\Phi_{15}^{8}\,\Phi_{10}^{8}\,\Phi_{9}^{8}\,\Phi_{6}^{6}\,\Phi_{5}^{8}\,\Phi_{3}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{8}$
139196	1798	3150	$\frac{1}{63}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{3150}\,\Phi_{1050}\,\Phi_{630}\,\Phi_{450}\,\Phi_{350}\,\Phi_{315}\,\Phi_{210}\,\Phi_{150}\,\Phi_{126}\,\Phi_{105}\,\Phi_{90}\,\Phi_{70}\,\Phi_{45}\,\Phi_{42}\,\Phi_{35}\,\Phi_{30}\,\Phi_{18}\,\Phi_{15}\,\Phi_{14}\,\Phi_{6}$
139197	1798	252	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{252}^{6}\,\Phi_{126}^{9}\,\Phi_{84}^{6}\,\Phi_{63}^{8}\,\Phi_{42}^{9}\,\Phi_{36}^{5}\,\Phi_{28}^{6}\,\Phi_{21}^{8}\,\Phi_{18}^{8}\,\Phi_{14}^{9}\,\Phi_{12}^{6}\,\Phi_{9}^{7}\,\Phi_{7}^{8}\,\Phi_{6}^{8}\,\Phi_{4}^{6}\,\Phi_{3}^{7}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
139198	1798	1500	$\frac{1}{150}$	$\frac{149}{750}$	$\frac{1}{3}$	$\frac{601}{1500}$	$\Phi_{1500}^{2}\,\Phi_{500}^{2}\,\Phi_{300}^{2}\,\Phi_{150}^{2}\,\Phi_{100}^{2}\,\Phi_{75}^{2}\,\Phi_{60}^{2}\,\Phi_{50}^{2}\,\Phi_{30}^{2}\,\Phi_{25}^{2}\,\Phi_{20}^{2}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{10}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
139199	1798	1008	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1008}^{3}\,\Phi_{336}^{3}\,\Phi_{144}^{3}\,\Phi_{126}^{3}\,\Phi_{112}^{3}\,\Phi_{63}^{2}\,\Phi_{48}^{2}\,\Phi_{42}^{3}\,\Phi_{21}^{2}\,\Phi_{18}^{3}\,\Phi_{16}^{2}\,\Phi_{14}^{3}\,\Phi_{9}^{2}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
139200	1798	1440	$\frac{1}{180}$	$\frac{179}{720}$	$\frac{1}{3}$	$\frac{541}{1440}$	$\Phi_{1440}^{2}\,\Phi_{480}^{2}\,\Phi_{288}^{2}\,\Phi_{180}^{2}\,\Phi_{160}^{2}\,\Phi_{96}^{2}\,\Phi_{90}^{2}\,\Phi_{60}^{2}\,\Phi_{45}^{2}\,\Phi_{36}^{2}\,\Phi_{32}^{2}\,\Phi_{30}^{2}\,\Phi_{20}^{2}\,\Phi_{18}^{2}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{10}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
139201	1798	2712	$\frac{5}{904}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2712}\,\Phi_{1356}\,\Phi_{678}\,\Phi_{339}\,\Phi_{12}\,\Phi_{6}$
139202	1798	2832	$\frac{1}{59}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{2832}\,\Phi_{944}\,\Phi_{472}\,\Phi_{236}\,\Phi_{118}$
139203	1798	1350	$\frac{1}{225}$	$\frac{224}{675}$	$\frac{1}{3}$	$\frac{451}{1350}$	$\Phi_{1350}^{2}\,\Phi_{450}^{2}\,\Phi_{270}^{2}\,\Phi_{225}^{2}\,\Phi_{150}^{2}\,\Phi_{90}^{2}\,\Phi_{75}^{2}\,\Phi_{54}^{2}\,\Phi_{50}^{2}\,\Phi_{45}^{2}\,\Phi_{30}^{2}\,\Phi_{25}^{2}\,\Phi_{18}^{2}\,\Phi_{15}^{2}\,\Phi_{10}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
139204	1798	966	$\frac{2}{69}$	$\frac{67}{966}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{966}^{2}\,\Phi_{483}^{2}\,\Phi_{322}^{2}\,\Phi_{161}^{2}\,\Phi_{138}^{2}\,\Phi_{46}^{2}\,\Phi_{42}^{2}\,\Phi_{21}^{2}\,\Phi_{14}^{2}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
139205	1798	330	$\frac{1}{30}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{330}^{6}\,\Phi_{165}^{6}\,\Phi_{110}^{6}\,\Phi_{66}^{6}\,\Phi_{55}^{6}\,\Phi_{33}^{4}\,\Phi_{30}^{2}\,\Phi_{22}^{6}\,\Phi_{15}^{2}\,\Phi_{11}^{4}\,\Phi_{10}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
139206	1798	936	$\frac{37}{936}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{936}^{2}\,\Phi_{468}^{2}\,\Phi_{312}^{2}\,\Phi_{234}^{2}\,\Phi_{156}^{2}\,\Phi_{117}^{2}\,\Phi_{104}^{2}\,\Phi_{78}^{2}\,\Phi_{72}^{2}\,\Phi_{52}^{2}\,\Phi_{36}^{2}\,\Phi_{26}^{2}\,\Phi_{24}^{2}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
139207	1798	1344	$\frac{3}{448}$	$\frac{1}{4}$	$\frac{445}{1344}$	$\frac{1}{3}$	$\Phi_{1344}\,\Phi_{672}\,\Phi_{448}^{2}\,\Phi_{336}\,\Phi_{224}^{2}\,\Phi_{192}\,\Phi_{168}\,\Phi_{112}^{2}\,\Phi_{96}\,\Phi_{84}\,\Phi_{64}^{2}\,\Phi_{56}^{2}\,\Phi_{48}\,\Phi_{42}\,\Phi_{32}^{2}\,\Phi_{28}^{2}\,\Phi_{24}\,\Phi_{21}\,\Phi_{16}^{2}\,\Phi_{14}^{2}\,\Phi_{12}^{2}\,\Phi_{8}^{2}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
139208	1798	1080	$\frac{1}{90}$	$\frac{181}{1080}$	$\frac{89}{270}$	$\frac{1}{3}$	$\Phi_{1080}^{2}\,\Phi_{540}^{2}\,\Phi_{360}^{2}\,\Phi_{216}^{2}\,\Phi_{180}^{2}\,\Phi_{120}^{2}\,\Phi_{108}^{2}\,\Phi_{90}^{2}\,\Phi_{72}^{2}\,\Phi_{60}^{2}\,\Phi_{45}^{2}\,\Phi_{40}^{2}\,\Phi_{36}^{2}\,\Phi_{30}^{2}\,\Phi_{24}^{2}\,\Phi_{20}^{2}\,\Phi_{18}^{2}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{10}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
139209	1798	1332	$\frac{11}{444}$	$\frac{1}{12}$	$\frac{433}{1332}$	$\frac{1}{3}$	$\Phi_{1332}^{2}\,\Phi_{666}^{2}\,\Phi_{333}^{2}\,\Phi_{36}^{2}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
139210	1798	972	$\frac{1}{36}$	$\frac{73}{972}$	$\frac{35}{108}$	$\frac{1}{3}$	$\Phi_{972}^{2}\,\Phi_{486}^{2}\,\Phi_{324}^{2}\,\Phi_{243}^{2}\,\Phi_{162}^{2}\,\Phi_{81}^{2}\,\Phi_{36}^{2}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
139211	1798	1320	$\frac{19}{440}$	$\frac{1}{20}$	$\frac{421}{1320}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}^2\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139212	1798	945	$\frac{2}{45}$	$\frac{46}{945}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
139213	1798	90	$\frac{1}{30}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{90}^{30}\ \Phi_{45}^{28}\ \Phi_{30}^2\ \Phi_{18}^{30}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^{28}\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139214	1798	672	$\frac{1}{32}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^4\ \Phi_{168}^2\ \Phi_{112}^4\ \Phi_{96}^3\ \Phi_{84}^2\ \Phi_{56}^4\ \Phi_{48}^3\ \Phi_{42}\ \Phi_{32}^4\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_8^4\ \Phi_7^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139215	1798	1296	$\frac{1}{36}$	$\frac{35}{432}$	$\frac{397}{1296}$	$\frac{1}{3}$	$\Phi_{1296}^2\ \Phi_{648}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139216	1798	918	$\frac{19}{918}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{54}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{17}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139217	1798	1260	$\frac{1}{60}$	$\frac{59}{420}$	$\frac{361}{1260}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{63}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139218	1798	1200	$\frac{1}{100}$	$\frac{99}{400}$	$\frac{301}{1200}$	$\frac{1}{3}$	$\Phi_{1200}\ \Phi_{600}\ \Phi_{400}^2\ \Phi_{300}^2\ \Phi_{240}\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{120}\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139219	1798	3360	$\frac{3}{224}$	$\frac{221}{1120}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{480}\ \Phi_{420}\ \Phi_{240}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
139220	1798	912	$\frac{13}{912}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{48}\ \Phi_{38}^2\ \Phi_{24}\ \Phi_{19}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139221	1798	3072	$\frac{3}{128}$	$\frac{125}{1024}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3072}\ \Phi_{1536}\ \Phi_{768}\ \Phi_{12}\ \Phi_6$
139222	1798	1008	$\frac{3}{112}$	$\frac{109}{1008}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}\ \Phi_{252}^2\ \Phi_{168}\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139223	1798	924	$\frac{25}{924}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}\ \Phi_{33}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139224	1798	96	$\frac{1}{32}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{96}^{28}\ \Phi_{48}^{28}\ \Phi_{24}^{28}\ \Phi_{12}^{29}\ \Phi_6^{29}\ \Phi_3^{28}$
139225	1798	960	$\frac{3}{64}$	$\frac{61}{960}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139226	1798	2856	$\frac{3}{56}$	$\frac{53}{952}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{408}\ \Phi_{357}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{12}\ \Phi_6$
139227	1798	1188	$\frac{8}{297}$	$\frac{1}{9}$	$\frac{289}{1188}$	$\frac{1}{3}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139228	1798	1008	$\frac{1}{36}$	$\frac{109}{1008}$	$\frac{35}{144}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139229	1798	960	$\frac{1}{20}$	$\frac{61}{960}$	$\frac{19}{80}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139230	1798	1254	$\frac{1}{19}$	$\frac{2}{33}$	$\frac{9}{38}$	$\frac{1}{3}$	$\Phi_{1254}^2\ \Phi_{627}\ \Phi_{418}^2\ \Phi_{209}\ \Phi_{66}^2\ \Phi_{38}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{19}\ \Phi_{11}^2\ \Phi_2^2\ \Phi_1^2$
139231	1798	1170	$\frac{2}{45}$	$\frac{43}{585}$	$\frac{271}{1170}$	$\frac{1}{3}$	$\Phi_{1170}^2\ \Phi_{585}\ \Phi_{390}^2\ \Phi_{234}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{117}\ \Phi_{90}^2\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139232	1798	120	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{120}^{19}\ \Phi_{60}^{19}\ \Phi_{40}^{20}\ \Phi_{30}^2\ \Phi_{24}^{19}\ \Phi_{20}^{20}\ \Phi_{15}^2\ \Phi_{12}^{19}\ \Phi_{10}^2\ \Phi_8^{20}\ \Phi_6^2\ \Phi_5^2\ \Phi_4^{20}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139233	1798	252	$\frac{1}{63}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{252}^9\ \Phi_{126}^9\ \Phi_{84}^9\ \Phi_{63}^2\ \Phi_{42}^9\ \Phi_{36}^8\ \Phi_{28}^9\ \Phi_{21}^2\ \Phi_{18}^8\ \Phi_{14}^9\ \Phi_{12}^8\ \Phi_9^2\ \Phi_7^2\ \Phi_6^8\ \Phi_4^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
139234	1798	1152	$\frac{1}{36}$	$\frac{35}{288}$	$\frac{253}{1152}$	$\frac{1}{3}$	$\Phi_{1152}^2\ \Phi_{576}^2\ \Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139235	1798	210	$\frac{1}{30}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^{10}\ \Phi_{105}^9\ \Phi_{70}^{10}\ \Phi_{42}^{10}\ \Phi_{35}^{10}\ \Phi_{30}^2\ \Phi_{21}^9\ \Phi_{15}^2\ \Phi_{14}^{10}\ \Phi_{10}^2\ \Phi_7^{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139236	1798	36	$\frac{1}{36}$	$\frac{5}{36}$	$\frac{7}{36}$	$\frac{1}{3}$	$\Phi_{36}^{50}\ \Phi_{18}^{50}\ \Phi_{12}^{50}\ \Phi_9^{50}\ \Phi_6^{50}\ \Phi_4^{50}\ \Phi_3^{49}\ \Phi_2^{50}\ \Phi_1^{50}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
139237	1798	3000	$\frac{1}{25}$	$\frac{101}{1000}$	$\frac{24}{125}$	$\frac{1}{3}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
139238	1798	3300	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{201}{1100}$	$\frac{1}{3}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{825}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
139239	1798	150	$\frac{1}{30}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{150}^{15}\ \Phi_{75}^{14}\ \Phi_{50}^{15}\ \Phi_{30}^{2}\ \Phi_{25}^{14}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139240	1798	3360	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{480}\ \Phi_{420}\ \Phi_{240}\ \Phi_{210}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
139241	1798	1080	$\frac{1}{36}$	$\frac{35}{216}$	$\frac{181}{1080}$	$\frac{1}{3}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{270}^{2}\ \Phi_{180}^{2}\ \Phi_{135}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139242	1798	180	$\frac{1}{30}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}^{12}\ \Phi_{45}^{12}\ \Phi_{36}^{10}\ \Phi_{30}^{2}\ \Phi_{20}^{12}\ \Phi_{18}^{10}\ \Phi_{15}^{2}\ \Phi_{12}^{10}\ \Phi_{10}^{2}\ \Phi_{9}^{10}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139243	1798	1050	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{151}{1050}$	$\frac{1}{3}$	$\Phi_{1050}^{2}\ \Phi_{525}\ \Phi_{350}^{2}\ \Phi_{210}^{2}\ \Phi_{175}^{2}\ \Phi_{150}^{2}\ \Phi_{105}\ \Phi_{75}^{2}\ \Phi_{70}^{2}\ \Phi_{50}^{2}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{25}^{2}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139244	1798	1008	$\frac{1}{18}$	$\frac{109}{1008}$	$\frac{17}{126}$	$\frac{1}{3}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{252}^{2}\ \Phi_{168}^{2}\ \Phi_{144}^{2}\ \Phi_{112}^{2}\ \Phi_{84}^{2}\ \Phi_{72}^{2}\ \Phi_{56}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139245	1798	945	$\frac{46}{945}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{135}^{2}\ \Phi_{105}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{35}\ \Phi_{27}^{2}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
139246	1798	1020	$\frac{13}{255}$	$\frac{121}{1020}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{340}^{2}\ \Phi_{255}\ \Phi_{204}^{2}\ \Phi_{170}^{2}\ \Phi_{102}^{2}\ \Phi_{85}\ \Phi_{68}^{2}\ \Phi_{60}^{2}\ \Phi_{51}\ \Phi_{34}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{17}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139247	1798	972	$\frac{73}{972}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{972}^{2}\ \Phi_{486}^{2}\ \Phi_{324}^{2}\ \Phi_{243}^{2}\ \Phi_{162}^{2}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139248	1798	990	$\frac{8}{99}$	$\frac{91}{990}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{330}^{2}\ \Phi_{198}^{2}\ \Phi_{165}^{2}\ \Phi_{110}^{2}\ \Phi_{90}^{2}\ \Phi_{66}^{2}\ \Phi_{55}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139249	1798	1710	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{9}{38}$	$\frac{14}{45}$	$\Phi_{1710}^{2}\ \Phi_{855}\ \Phi_{342}^{2}\ \Phi_{171}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{38}^{2}\ \Phi_{19}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_2^2\ \Phi_1^2$
139250	1798	810	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{810}^{3}\ \Phi_{405}^{3}\ \Phi_{162}^{3}\ \Phi_{90}^{3}\ \Phi_{81}^{2}\ \Phi_{45}^{3}\ \Phi_{30}^{2}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
139251	1798	210	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{210}^{9}\ \Phi_{105}^{9}\ \Phi_{70}^{9}\ \Phi_{42}^{7}\ \Phi_{35}^{9}\ \Phi_{30}^{8}\ \Phi_{21}^{7}\ \Phi_{15}^{8}\ \Phi_{14}^{9}\ \Phi_{10}^{8}\ \Phi_{7}^{8}\ \Phi_{6}^{6}\ \Phi_{5}^{8}\ \Phi_{3}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
139252	1798	760	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{9}{38}$	$\Phi_{760}^{3}\ \Phi_{380}^{3}\ \Phi_{152}^{3}\ \Phi_{76}^{3}\ \Phi_{40}^{4}\ \Phi_{38}^{2}\ \Phi_{20}^{4}\ \Phi_{19}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_2^2\ \Phi_1^2$
139253	1798	1330	$\frac{1}{19}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{9}{38}$	$\Phi_{1330}^{2}\ \Phi_{665}\ \Phi_{266}^{2}\ \Phi_{133}\ \Phi_{70}^{2}\ \Phi_{38}^{2}\ \Phi_{35}^{2}\ \Phi_{19}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_2^2\ \Phi_1^2$
139254	1798	684	$\frac{1}{19}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{9}{38}$	$\Phi_{684}^{3}\ \Phi_{342}^{3}\ \Phi_{228}^{3}\ \Phi_{171}^{3}\ \Phi_{76}^{3}\ \Phi_{38}^{2}\ \Phi_{36}^{4}\ \Phi_{19}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{4}^{4}\ \Phi_2^2\ \Phi_1^2$
139255	1799	1536	$\frac{1}{256}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{255}{512}$	$\Phi_{1536}^{2}\ \Phi_{512}^{3}\ \Phi_{12}\ \Phi_4\ \Phi_1$
139256	1799	4608	$\frac{1}{256}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{255}{512}$	$\Phi_{4608}\ \Phi_{512}\ \Phi_9\ \Phi_1$
139257	1799	2040	$\frac{2}{255}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{253}{510}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
139258	1799	344	$\frac{1}{86}$	$\frac{1}{8}$	$\frac{87}{344}$	$\frac{85}{172}$	$\Phi_{344}^{5}\ \Phi_{172}^{6}\ \Phi_{86}^{5}\ \Phi_{43}^{5}\ \Phi_{8}^{4}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
139259	1799	496	$\frac{1}{62}$	$\frac{9}{248}$	$\frac{239}{496}$	$\frac{61}{124}$	$\Phi_{496}^{7}\ \Phi_{124}\ \Phi_{16}^{7}\ \Phi_4\ \Phi_1$
139260	1799	372	$\frac{1}{62}$	$\frac{9}{124}$	$\frac{115}{372}$	$\frac{61}{124}$	$\Phi_{372}^{7}\ \Phi_{186}^{7}\ \Phi_{124}\ \Phi_{93}^{7}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_4\ \Phi_{3}^{7}\ \Phi_1$
139261	1799	1984	$\frac{1}{62}$	$\frac{185}{1984}$	$\frac{63}{248}$	$\frac{61}{124}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{496}\ \Phi_{124}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_4\ \Phi_1$
139262	1799	3480	$\frac{1}{58}$	$\frac{59}{1740}$	$\frac{1681}{3480}$	$\frac{57}{116}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{696}\ \Phi_{232}\ \Phi_{120}\ \Phi_{116}\ \Phi_{40}\ \Phi_{24}\ \Phi_8\ \Phi_4\ \Phi_1$
139263	1799	2320	$\frac{1}{58}$	$\frac{59}{580}$	$\frac{521}{2320}$	$\frac{57}{116}$	$\Phi_{2320}\ \Phi_{1160}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
139264	1799	2088	$\frac{1}{58}$	$\frac{289}{2088}$	$\frac{59}{348}$	$\frac{57}{116}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{522}\ \Phi_{261}\ \Phi_{232}\ \Phi_{116}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
139265	1799	504	$\frac{5}{252}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{247}{504}$	$\Phi_{504}^{3}\ \Phi_{252}^{4}\ \Phi_{168}^{3}\ \Phi_{126}^{4}\ \Phi_{84}^{4}\ \Phi_{72}^{3}\ \Phi_{63}^{4}\ \Phi_{56}^{3}\ \Phi_{42}^{4}\ \Phi_{36}^{4}\ \Phi_{28}^{4}\ \Phi_{24}^{5}\ \Phi_{21}^{4}\ \Phi_{18}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{6}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
139266	1799	3480	$\frac{59}{1740}$	$\frac{1}{29}$	$\frac{28}{87}$	$\frac{1681}{3480}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{696}\ \Phi_{232}\ \Phi_{120}\ \Phi_{87}\ \Phi_{40}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
139267	1799	348	$\frac{1}{29}$	$\frac{4}{87}$	$\frac{91}{348}$	$\frac{83}{174}$	$\Phi_{348}^{7}\ \Phi_{116}^{7}\ \Phi_{87}^{7}\ \Phi_{29}^{6}\ \Phi_{12}^{7}\ \Phi_{4}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{7}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
139268	1799	3348	$\frac{1}{62}$	$\frac{125}{1674}$	$\frac{61}{186}$	$\frac{1549}{3348}$	$\Phi_{3348}\ \Phi_{1116}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{108}\ \Phi_{93}\ \Phi_{36}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
139269	1799	2480	$\frac{1}{62}$	$\frac{61}{620}$	$\frac{681}{2480}$	$\frac{559}{1240}$	$\Phi_{2480}\ \Phi_{620}\ \Phi_{496}\ \Phi_{310}\ \Phi_{155}\ \Phi_{124}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
139270	1799	2088	$\frac{1}{29}$	$\frac{28}{261}$	$\frac{289}{2088}$	$\frac{233}{522}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{348}\ \Phi_{261}\ \Phi_{232}\ \Phi_{116}\ \Phi_{87}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
139271	1799	464	$\frac{1}{58}$	$\frac{25}{232}$	$\frac{57}{232}$	$\frac{207}{464}$	$\Phi_{464}^{7}\ \Phi_{232}\ \Phi_{116}\ \Phi_{16}^{7}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
139272	1799	464	$\frac{1}{29}$	$\frac{25}{232}$	$\frac{4}{29}$	$\frac{207}{464}$	$\Phi_{464}^{7}\ \Phi_{29}^{6}\ \Phi_{16}^{7}\ \Phi_{1}^{7}$
139273	1799	290	$\frac{1}{29}$	$\frac{33}{290}$	$\frac{4}{29}$	$\frac{25}{58}$	$\Phi_{290}^{7}\ \Phi_{145}^{7}\ \Phi_{29}^{6}\ \Phi_{10}^{7}\ \Phi_{5}^{7}\ \Phi_{1}^{7}$
139274	1799	3132	$\frac{1}{29}$	$\frac{28}{261}$	$\frac{233}{1566}$	$\frac{1333}{3132}$	$\Phi_{3132}\ \Phi_{1044}\ \Phi_{348}\ \Phi_{261}\ \Phi_{116}\ \Phi_{108}\ \Phi_{87}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
139275	1799	3100	$\frac{1}{62}$	$\frac{249}{1550}$	$\frac{61}{310}$	$\frac{1301}{3100}$	$\Phi_{3100}\ \Phi_{620}\ \Phi_{310}\ \Phi_{155}\ \Phi_{124}\ \Phi_{100}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
139276	1799	2232	$\frac{1}{62}$	$\frac{61}{372}$	$\frac{433}{2232}$	$\frac{311}{744}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{558}\ \Phi_{372}\ \Phi_{279}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
139277	1799	384	$\frac{1}{128}$	$\frac{1}{6}$	$\frac{127}{384}$	$\frac{5}{12}$	$\Phi_{384}^{5}\ \Phi_{192}^{5}\ \Phi_{128}^{4}\ \Phi_{96}^{5}\ \Phi_{64}^{4}\ \Phi_{48}^{5}\ \Phi_{32}^{4}\ \Phi_{24}^{5}\ \Phi_{16}^{4}\ \Phi_{12}^{6}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
139278	1799	780	$\frac{3}{260}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{3}\ \Phi_{195}^{2}\ \Phi_{156}^{2}\ \Phi_{130}^{3}\ \Phi_{78}^{2}\ \Phi_{65}^{3}\ \Phi_{60}^{2}\ \Phi_{52}^{3}\ \Phi_{39}^{2}\ \Phi_{30}^{2}\ \Phi_{26}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{13}^{3}\ \Phi_{12}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
139279	1799	960	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{63}{320}$	$\frac{5}{12}$	$\Phi_{960}^{2}\ \Phi_{480}^{2}\ \Phi_{320}^{3}\ \Phi_{240}^{2}\ \Phi_{160}^{3}\ \Phi_{120}^{2}\ \Phi_{80}^{3}\ \Phi_{60}^{2}\ \Phi_{40}^{3}\ \Phi_{30}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
139280	1799	264	$\frac{7}{264}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{264}^{7}\ \Phi_{132}^{7}\ \Phi_{88}^{7}\ \Phi_{66}^{7}\ \Phi_{44}^{7}\ \Phi_{33}^{7}\ \Phi_{24}^{5}\ \Phi_{22}^{7}\ \Phi_{12}^{6}\ \Phi_{11}^{7}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
139281	1799	288	$\frac{1}{32}$	$\frac{31}{288}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{288}^{7}\ \Phi_{144}^{7}\ \Phi_{96}^{5}\ \Phi_{72}^{7}\ \Phi_{48}^{5}\ \Phi_{36}^{7}\ \Phi_{32}^{4}\ \Phi_{24}^{5}\ \Phi_{18}^{7}\ \Phi_{16}^{4}\ \Phi_{12}^{6}\ \Phi_{9}^{7}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
139282	1799	816	$\frac{15}{272}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{816}^{2}\ \Phi_{408}^{2}\ \Phi_{272}^{3}\ \Phi_{204}^{2}\ \Phi_{136}^{3}\ \Phi_{102}^{2}\ \Phi_{68}^{3}\ \Phi_{51}^{2}\ \Phi_{34}^{3}\ \Phi_{17}^{3}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
139283	1799	1720	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{42}{215}$	$\frac{173}{430}$	$\Phi_{1720}\ \Phi_{860}\ \Phi_{344}^{2}\ \Phi_{215}\ \Phi_{172}^{2}\ \Phi_{86}\ \Phi_{43}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
139284	1799	2976	$\frac{1}{62}$	$\frac{61}{372}$	$\frac{311}{1488}$	$\frac{1177}{2976}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{96}\ \Phi_{93}\ \Phi_{32}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
139285	1799	2784	$\frac{1}{58}$	$\frac{57}{464}$	$\frac{407}{1392}$	$\frac{985}{2784}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{96}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
139286	1799	1914	$\frac{1}{29}$	$\frac{115}{1914}$	$\frac{28}{87}$	$\frac{59}{174}$	$\Phi_{1914}\ \Phi_{957}\ \Phi_{638}\ \Phi_{319}\ \Phi_{87}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}$
139287	1799	1152	$\frac{1}{128}$	$\frac{2}{9}$	$\frac{127}{384}$	$\frac{1}{3}$	$\Phi_{1152}^{2}\ \Phi_{576}^{2}\ \Phi_{384}\ \Phi_{288}^{2}\ \Phi_{192}\ \Phi_{144}^{2}\ \Phi_{96}\ \Phi_{72}^{2}\ \Phi_{48}\ \Phi_{36}^{2}\ \Phi_{24}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
139288	1799	2340	$\frac{3}{260}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{260}\ \Phi_{234}\ \Phi_{180}\ \Phi_{130}\ \Phi_{117}\ \Phi_{90}\ \Phi_{65}\ \Phi_{52}\ \Phi_{45}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
139289	1799	2880	$\frac{1}{64}$	$\frac{63}{320}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{360}\ \Phi_{320}\ \Phi_{180}\ \Phi_{160}\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
139290	1799	792	$\frac{7}{264}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{792}^{3}\ \Phi_{396}^{3}\ \Phi_{264}\ \Phi_{198}^{3}\ \Phi_{132}\ \Phi_{99}^{3}\ \Phi_{88}\ \Phi_{72}^{2}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}^{2}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
139291	1799	288	$\frac{1}{32}$	$\frac{31}{288}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{288}^{6}\ \Phi_{144}^{6}\ \Phi_{96}^{7}\ \Phi_{72}^{6}\ \Phi_{48}^{7}\ \Phi_{36}^{6}\ \Phi_{32}^{6}\ \Phi_{24}^{7}\ \Phi_{18}^{6}\ \Phi_{16}^{6}\ \Phi_{12}^{7}\ \Phi_{9}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
139292	1799	2448	$\frac{15}{272}$	$\frac{1}{16}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{272}\ \Phi_{153}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
139293	1799	1224	$\frac{2}{51}$	$\frac{1}{8}$	$\frac{49}{306}$	$\frac{1}{3}$	$\Phi_{1224}^{2}\ \Phi_{612}^{2}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}^{2}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}\ \Phi_{17}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
139294	1799	1080	$\frac{13}{270}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{270}\ \Phi_{216}^{2}\ \Phi_{180}^{2}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}^{2}\ \Phi_{90}\ \Phi_{72}^{2}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}^{2}\ \Phi_{27}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
139295	1799	2232	$\frac{1}{62}$	$\frac{433}{2232}$	$\frac{125}{558}$	$\frac{61}{186}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{744}\ \Phi_{372}\ \Phi_{248}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
139296	1799	2610	$\frac{1}{29}$	$\frac{59}{870}$	$\frac{811}{2610}$	$\frac{28}{87}$	$\Phi_{2610}\ \Phi_{1305}\ \Phi_{522}\ \Phi_{261}\ \Phi_{90}\ \Phi_{87}\ \Phi_{45}\ \Phi_{18}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
139297	1799	2175	$\frac{1}{29}$	$\frac{59}{435}$	$\frac{376}{2175}$	$\frac{28}{87}$	$\Phi_{2175}\ \Phi_{725}\ \Phi_{87}\ \Phi_{75}\ \Phi_{25}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
139298	1799	2088	$\frac{1}{29}$	$\frac{289}{2088}$	$\frac{59}{348}$	$\frac{28}{87}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{522}\ \Phi_{261}\ \Phi_{232}\ \Phi_{87}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
139299	1799	1512	$\frac{5}{126}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{121}{378}$	$\Phi_{1512}^2\ \Phi_{756}^2\ \Phi_{378}\ \Phi_{216}^2\ \Phi_{189}\ \Phi_{108}^2\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
139300	1799	2349	$\frac{1}{29}$	$\frac{28}{261}$	$\frac{550}{2349}$	$\frac{233}{783}$	$\Phi_{2349}\ \Phi_{261}\ \Phi_{87}\ \Phi_{81}\ \Phi_9\ \Phi_3\ \Phi_1$
139301	1799	1080	$\frac{13}{270}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{135}\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{90}\ \Phi_{60}^2\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
139302	1799	348	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{25}{116}$	$\frac{91}{348}$	$\Phi_{348}^7\ \Phi_{174}^7\ \Phi_{87}^7\ \Phi_{29}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^7\ \Phi_1^7$
139303	1799	272	$\frac{15}{272}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{272}^7\ \Phi_{136}^7\ \Phi_{68}^5\ \Phi_{34}^5\ \Phi_{17}^7\ \Phi_{16}^7\ \Phi_8^7\ \Phi_4^4\ \Phi_2^4\ \Phi_1^7$
139304	1799	336	$\frac{5}{84}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{79}{336}$	$\Phi_{336}^7\ \Phi_{168}^3\ \Phi_{112}^7\ \Phi_{84}^4\ \Phi_{56}^3\ \Phi_{48}^7\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^5\ \Phi_{21}^4\ \Phi_{16}^7\ \Phi_{14}^4\ \Phi_{12}^6\ \Phi_8^4\ \Phi_7^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
139305	1799	288	$\frac{31}{288}$	$\frac{1}{8}$	$\frac{5}{36}$	$\frac{1}{6}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}^7\ \Phi_{72}^3\ \Phi_{48}^7\ \Phi_{36}^4\ \Phi_{32}^7\ \Phi_{24}^5\ \Phi_{18}^4\ \Phi_{16}^7\ \Phi_{12}^6\ \Phi_9^4\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
139306	1799	1176	$\frac{5}{42}$	$\frac{1}{8}$	$\frac{37}{294}$	$\frac{1}{6}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{392}^2\ \Phi_{294}\ \Phi_{196}^2\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
139307	1800	1347	$\frac{1}{449}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{224}{449}$	$\Phi_{1347}\ \Phi_{449}^2\ \Phi_3^2\ \Phi_1^4$
139308	1800	1799	$\frac{5}{1799}$	$\frac{451}{1799}$	$\frac{674}{1799}$	$\frac{897}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139309	1800	2872	$\frac{1}{359}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{179}{359}$	$\Phi_{2872}\ \Phi_{359}\ \Phi_8^2\ \Phi_1^2$
139310	1800	2703	$\frac{3}{901}$	$\frac{226}{901}$	$\frac{1}{3}$	$\frac{449}{901}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139311	1800	1495	$\frac{1}{299}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{149}{299}$	$\Phi_{1495}\ \Phi_{299}^2\ \Phi_{115}\ \Phi_{65}\ \Phi_{23}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
139312	1800	3588	$\frac{1}{299}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{149}{299}$	$\Phi_{3588}\ \Phi_{1794}\ \Phi_{276}\ \Phi_{156}\ \Phi_{138}\ \Phi_{78}\ \Phi_{12}^2\ \Phi_6^2$
139313	1800	257	$\frac{1}{257}$	$\frac{43}{257}$	$\frac{107}{257}$	$\frac{128}{257}$	$\Phi_{257}^7\ \Phi_1^8$
139314	1800	448	$\frac{1}{224}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{223}{448}$	$\Phi_{448}^8\ \Phi_{64}^8\ \Phi_7\ \Phi_1^2$
139315	1800	6720	$\frac{1}{224}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{223}{448}$	$\Phi_{6720}\ \Phi_{960}\ \Phi_{15}$
139316	1800	2404	$\frac{3}{601}$	$\frac{1}{4}$	$\frac{151}{601}$	$\frac{299}{601}$	$\Phi_{2404}\ \Phi_{1202}$
139317	1800	1799	$\frac{9}{1799}$	$\frac{449}{1799}$	$\frac{452}{1799}$	$\frac{895}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139318	1800	3184	$\frac{1}{199}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{99}{199}$	$\Phi_{3184}\ \Phi_{199}\ \Phi_{16}^2\ \Phi_1^2$
139319	1800	796	$\frac{1}{199}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{99}{199}$	$\Phi_{796}^2\ \Phi_{398}^2\ \Phi_{199}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
139320	1800	2703	$\frac{5}{901}$	$\frac{151}{901}$	$\frac{1}{3}$	$\frac{448}{901}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139321	1800	1611	$\frac{1}{179}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{89}{179}$	$\Phi_{1611}\ \Phi_{537}\ \Phi_{179}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
139322	1800	1074	$\frac{1}{179}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{89}{179}$	$\Phi_{1074}^2\ \Phi_{537}\ \Phi_{358}^2\ \Phi_{179}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
139323	1800	1799	$\frac{11}{1799}$	$\frac{181}{1799}$	$\frac{809}{1799}$	$\frac{894}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139324	1800	1639	$\frac{1}{149}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{74}{149}$	$\Phi_{1639}\ \Phi_{149}^2\ \Phi_{11}^2\ \Phi_1^4$
139325	1800	3129	$\frac{1}{149}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{74}{149}$	$\Phi_{3129}\ \Phi_{21}^2$
139326	1800	1639	$\frac{1}{149}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{74}{149}$	$\Phi_{1639}\ \Phi_{149}^2\ \Phi_{11}^2\ \Phi_1^4$
139327	1800	2980	$\frac{1}{149}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{74}{149}$	$\Phi_{2980}\ \Phi_{1490}\ \Phi_{20}^2\ \Phi_{10}^2$
139328	1800	1799	$\frac{13}{1799}$	$\frac{151}{1799}$	$\frac{824}{1799}$	$\frac{893}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139329	1800	1799	$\frac{13}{1799}$	$\frac{302}{1799}$	$\frac{499}{1799}$	$\frac{893}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139330	1800	2166	$\frac{3}{361}$	$\frac{1}{6}$	$\frac{91}{361}$	$\frac{179}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
139331	1800	2404	$\frac{5}{601}$	$\frac{101}{601}$	$\frac{1}{4}$	$\frac{298}{601}$	$\Phi_{2404}\ \Phi_{1202}$
139332	1800	476	$\frac{1}{119}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{59}{119}$	$\Phi_{476}^7\ \Phi_{119}\ \Phi_{68}^7\ \Phi_{28}^8\ \Phi_{17}\ \Phi_7\ \Phi_4^8\ \Phi_1^2$
139333	1800	119	$\frac{1}{119}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{59}{119}$	$\Phi_{119}^{15}\ \Phi_{17}^{15}\ \Phi_7^{17}\ \Phi_1^{18}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
139334	1800	1428	$\frac{1}{119}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{59}{119}$	$\Phi_{1428}^2\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{204}^2\ \Phi_{119}\ \Phi_{102}\ \Phi_{84}^2\ \Phi_{68}\ \Phi_{51}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{17}\ \Phi_{12}^4\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
139335	1800	1799	$\frac{17}{1799}$	$\frac{227}{1799}$	$\frac{524}{1799}$	$\frac{891}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139336	1800	1799	$\frac{17}{1799}$	$\frac{269}{1799}$	$\frac{454}{1799}$	$\frac{891}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139337	1800	301	$\frac{3}{301}$	$\frac{1}{7}$	$\frac{76}{301}$	$\frac{149}{301}$	$\Phi_{301}^6\ \Phi_{43}^6\ \Phi_7^5\ \Phi_1^6$
139338	1800	2703	$\frac{9}{901}$	$\frac{91}{901}$	$\frac{1}{3}$	$\frac{446}{901}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139339	1800	1683	$\frac{1}{99}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{49}{99}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}\ \Phi_{99}^2\ \Phi_{51}\ \Phi_{33}^2\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
139340	1800	990	$\frac{1}{99}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{49}{99}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{30}^3\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_2^2$
139341	1800	1683	$\frac{1}{99}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{49}{99}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}\ \Phi_{99}^2\ \Phi_{51}\ \Phi_{33}^2\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
139342	1800	2772	$\frac{1}{99}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{49}{99}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{252}\ \Phi_{154}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
139343	1800	1799	$\frac{19}{1799}$	$\frac{101}{1799}$	$\frac{849}{1799}$	$\frac{890}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139344	1800	1799	$\frac{19}{1799}$	$\frac{303}{1799}$	$\frac{374}{1799}$	$\frac{890}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139345	1800	2255	$\frac{5}{451}$	$\frac{76}{451}$	$\frac{1}{5}$	$\frac{223}{451}$	$\Phi_{2255}\ \Phi_{205}\ \Phi_{55}$
139346	1800	1691	$\frac{1}{89}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{44}{89}$	$\Phi_{1691}\ \Phi_{89}^2\ \Phi_{19}^2\ \Phi_1^4$
139347	1800	2937	$\frac{1}{89}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{44}{89}$	$\Phi_{2937}\ \Phi_{33}^2$
139348	1800	1691	$\frac{1}{89}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{44}{89}$	$\Phi_{1691}\ \Phi_{89}^2\ \Phi_{19}^2\ \Phi_1^4$
139349	1800	2670	$\frac{1}{89}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{44}{89}$	$\Phi_{2670}\ \Phi_{1335}\ \Phi_{890}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
139350	1800	2404	$\frac{7}{601}$	$\frac{76}{601}$	$\frac{1}{4}$	$\frac{297}{601}$	$\Phi_{2404}\ \Phi_{1202}$
139351	1800	257	$\frac{3}{257}$	$\frac{13}{257}$	$\frac{122}{257}$	$\frac{127}{257}$	$\Phi_{257}^7\ \Phi_1^8$
139352	1800	257	$\frac{3}{257}$	$\frac{26}{257}$	$\frac{77}{257}$	$\frac{127}{257}$	$\Phi_{257}^7\ \Phi_1^8$
139353	1800	257	$\frac{3}{257}$	$\frac{32}{257}$	$\frac{65}{257}$	$\frac{127}{257}$	$\Phi_{257}^7\ \Phi_1^8$
139354	1800	2703	$\frac{11}{901}$	$\frac{76}{901}$	$\frac{1}{3}$	$\frac{445}{901}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139355	1800	3404	$\frac{1}{74}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{73}{148}$	$\Phi_{3404}\ \Phi_{148}^2\ \Phi_{92}\ \Phi_{23}\ \Phi_4^2\ \Phi_1^2$
139356	1800	5772	$\frac{1}{74}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{73}{148}$	$\Phi_{5772}\ \Phi_{156}\ \Phi_{39}$
139357	1800	3404	$\frac{1}{74}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{73}{148}$	$\Phi_{3404}\ \Phi_{148}^2\ \Phi_{92}\ \Phi_{23}\ \Phi_4^2\ \Phi_1^2$
139358	1800	1332	$\frac{1}{74}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{73}{148}$	$\Phi_{1332}\ \Phi_{666}^2\ \Phi_{444}\ \Phi_{333}^2\ \Phi_{222}^2\ \Phi_{111}^2\ \Phi_{36}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
139359	1800	3404	$\frac{1}{74}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{73}{148}$	$\Phi_{3404}\ \Phi_{148}^2\ \Phi_{92}\ \Phi_{23}\ \Phi_4^2\ \Phi_1^2$
139360	1800	5180	$\frac{1}{74}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{73}{148}$	$\Phi_{5180}\ \Phi_{140}\ \Phi_{35}$
139361	1800	2166	$\frac{5}{361}$	$\frac{1}{6}$	$\frac{61}{361}$	$\frac{178}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
139362	1800	1799	$\frac{25}{1799}$	$\frac{152}{1799}$	$\frac{549}{1799}$	$\frac{887}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139363	1800	1799	$\frac{25}{1799}$	$\frac{299}{1799}$	$\frac{304}{1799}$	$\frac{887}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139364	1800	3408	$\frac{1}{71}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{35}{71}$	$\Phi_{3408}\ \Phi_{1136}\ \Phi_{71}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_1^2$
139365	1800	1917	$\frac{1}{71}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{35}{71}$	$\Phi_{1917}\ \Phi_{639}\ \Phi_{71}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_1^2$
139366	1800	2556	$\frac{1}{71}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{35}{71}$	$\Phi_{2556}\ \Phi_{1278}\ \Phi_{639}\ \Phi_{71}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
139367	1800	1988	$\frac{1}{71}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{35}{71}$	$\Phi_{1988}\ \Phi_{994}\ \Phi_{497}\ \Phi_{71}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
139368	1800	2272	$\frac{1}{71}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{35}{71}$	$\Phi_{2272}\ \Phi_{1136}\ \Phi_{71}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_1^2$
139369	1800	426	$\frac{1}{71}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{35}{71}$	$\Phi_{426}^4\ \Phi_{213}^4\ \Phi_{142}^4\ \Phi_{71}^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
139370	1800	670	$\frac{1}{67}$	$\frac{1}{10}$	$\frac{17}{67}$	$\frac{33}{67}$	$\Phi_{670}^3\ \Phi_{335}^3\ \Phi_{134}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2$
139371	1800	2404	$\frac{9}{601}$	$\frac{61}{601}$	$\frac{1}{4}$	$\frac{296}{601}$	$\Phi_{2404}\ \Phi_{1202}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
139372	1800	1991	$\frac{3}{181}$	$\frac{1}{11}$	$\frac{46}{181}$	$\frac{89}{181}$	Φ_{1991}
139373	1800	301	$\frac{5}{301}$	$\frac{1}{7}$	$\frac{51}{301}$	$\frac{148}{301}$	$\Phi_{301}^{6}\ \Phi_{43}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
139374	1800	1711	$\frac{1}{59}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{29}{59}$	$\Phi_{1711}\ \Phi_{59}^{2}\ \Phi_{29}^{2}\ \Phi_{1}^{4}$
139375	1800	2832	$\frac{1}{59}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{29}{59}$	$\Phi_{2832}\ \Phi_{1416}\ \Phi_{708}\ \Phi_{354}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
139376	1800	1711	$\frac{1}{59}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{29}{59}$	$\Phi_{1711}\ \Phi_{59}^{2}\ \Phi_{29}^{2}\ \Phi_{1}^{4}$
139377	1800	2596	$\frac{1}{59}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{29}{59}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{44}^{2}\ \Phi_{22}^{2}$
139378	1800	1711	$\frac{1}{59}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{29}{59}$	$\Phi_{1711}\ \Phi_{59}^{2}\ \Phi_{29}^{2}\ \Phi_{1}^{4}$
139379	1800	2478	$\frac{1}{59}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{29}{59}$	$\Phi_{2478}\ \Phi_{1239}\ \Phi_{826}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}$
139380	1800	1799	$\frac{31}{1799}$	$\frac{61}{1799}$	$\frac{869}{1799}$	$\frac{884}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139381	1800	1799	$\frac{31}{1799}$	$\frac{183}{1799}$	$\frac{404}{1799}$	$\frac{884}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139382	1800	1799	$\frac{31}{1799}$	$\frac{249}{1799}$	$\frac{305}{1799}$	$\frac{884}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139383	1800	1326	$\frac{4}{221}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{217}{442}$	$\Phi_{1326}^{4}\ \Phi_{102}^{4}\ \Phi_{78}^{4}\ \Phi_{51}\ \Phi_{6}^{4}$
139384	1800	2404	$\frac{11}{601}$	$\frac{51}{601}$	$\frac{1}{4}$	$\frac{295}{601}$	$\Phi_{2404}\ \Phi_{1202}$
139385	1800	1799	$\frac{33}{1799}$	$\frac{149}{1799}$	$\frac{458}{1799}$	$\frac{883}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139386	1800	1799	$\frac{33}{1799}$	$\frac{229}{1799}$	$\frac{314}{1799}$	$\frac{883}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139387	1800	159	$\frac{1}{53}$	$\frac{3}{53}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{159}^{17}\ \Phi_{3}^{16}$
139388	1800	2166	$\frac{7}{361}$	$\frac{46}{361}$	$\frac{1}{6}$	$\frac{177}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
139389	1800	2255	$\frac{9}{451}$	$\frac{46}{451}$	$\frac{1}{5}$	$\frac{221}{451}$	$\Phi_{2255}\ \Phi_{205}\ \Phi_{55}$
139390	1800	245	$\frac{1}{49}$	$\frac{1}{35}$	$\frac{17}{35}$	$\frac{24}{49}$	$\Phi_{245}^{7}\ \Phi_{49}^{8}\ \Phi_{35}^{8}\ \Phi_{7}^{9}\ \Phi_{5}^{8}\ \Phi_{1}^{10}$
139391	1800	2793	$\frac{1}{49}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{2793}\ \Phi_{399}\ \Phi_{57}^{2}$
139392	1800	245	$\frac{1}{49}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{24}{49}$	$\Phi_{245}^{7}\ \Phi_{49}^{8}\ \Phi_{35}^{8}\ \Phi_{7}^{9}\ \Phi_{5}^{8}\ \Phi_{1}^{10}$
139393	1800	2548	$\frac{1}{49}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{24}{49}$	$\Phi_{2548}\ \Phi_{1274}\ \Phi_{364}\ \Phi_{182}\ \Phi_{52}^{2}\ \Phi_{26}^{2}$
139394	1800	245	$\frac{1}{49}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{24}{49}$	$\Phi_{245}^{7}\ \Phi_{49}^{8}\ \Phi_{35}^{8}\ \Phi_{7}^{9}\ \Phi_{5}^{8}\ \Phi_{1}^{10}$
139395	1800	490	$\frac{1}{49}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{24}{49}$	$\Phi_{490}^{4}\ \Phi_{245}^{3}\ \Phi_{98}^{4}\ \Phi_{70}^{4}\ \Phi_{49}^{4}\ \Phi_{35}^{3}\ \Phi_{14}^{4}\ \Phi_{10}^{8}\ \Phi_{7}^{4}\ \Phi_{5}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
139396	1800	49	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{24}{49}$	$\Phi_{49}^{36}\ \Phi_{7}^{41}\ \Phi_{1}^{42}$
139397	1800	1799	$\frac{37}{1799}$	$\frac{51}{1799}$	$\frac{874}{1799}$	$\frac{881}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139398	1800	1799	$\frac{37}{1799}$	$\frac{134}{1799}$	$\frac{459}{1799}$	$\frac{881}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139399	1800	2703	$\frac{19}{901}$	$\frac{46}{901}$	$\frac{1}{3}$	$\frac{441}{901}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139400	1800	3432	$\frac{1}{44}$	$\frac{1}{39}$	$\frac{19}{39}$	$\frac{43}{88}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{264}\ \Phi_{104}\ \Phi_{88}^{2}\ \Phi_{39}\ \Phi_{24}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
139401	1800	1848	$\frac{1}{44}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{1848}^{2}\ \Phi_{616}^{2}\ \Phi_{264}\ \Phi_{168}^{2}\ \Phi_{88}^{2}\ \Phi_{56}^{2}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
139402	1800	1144	$\frac{1}{44}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{43}{88}$	$\Phi_{1144}^{3}\ \Phi_{104}^{3}\ \Phi_{88}^{4}\ \Phi_{13}^{3}\ \Phi_{8}^{4}\ \Phi_{1}^{4}$
139403	1800	440	$\frac{1}{44}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{43}{88}$	$\Phi_{440}^{10}\ \Phi_{55}\ \Phi_{40}^{10}$
139404	1800	3432	$\frac{1}{44}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{43}{88}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{264}\ \Phi_{104}\ \Phi_{88}^{2}\ \Phi_{39}\ \Phi_{24}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
139405	1800	792	$\frac{1}{44}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{43}{88}$	$\Phi_{792}^{5}\ \Phi_{264}^{3}\ \Phi_{88}^{4}\ \Phi_{72}^{5}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
139406	1800	1799	$\frac{41}{1799}$	$\frac{92}{1799}$	$\frac{569}{1799}$	$\frac{879}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139407	1800	1799	$\frac{41}{1799}$	$\frac{184}{1799}$	$\frac{323}{1799}$	$\frac{879}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139408	1800	602	$\frac{1}{43}$	$\frac{11}{86}$	$\frac{1}{7}$	$\frac{21}{43}$	$\Phi_{602}^{4}\ \Phi_{301}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{2}$
139409	1800	410	$\frac{1}{41}$	$\frac{7}{82}$	$\frac{1}{5}$	$\frac{20}{41}$	$\Phi_{410}^{6}\ \Phi_{205}^{5}\ \Phi_{10}^{6}\ \Phi_{5}^{4}$
139410	1800	1936	$\frac{3}{121}$	$\frac{1}{16}$	$\frac{31}{121}$	$\frac{59}{121}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
139411	1800	2166	$\frac{9}{361}$	$\frac{37}{361}$	$\frac{1}{6}$	$\frac{176}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
139412	1800	858	$\frac{1}{39}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{19}{39}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{78}^2\ \Phi_{66}^2\ \Phi_{39}^3\ \Phi_{33}^2\ \Phi_{26}^2\ \Phi_{22}^4\ \Phi_{13}^3\ \Phi_{11}^4\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
139413	1800	624	$\frac{1}{39}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{19}{39}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{156}^2\ \Phi_{104}^3\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{48}^3\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{24}^3\ \Phi_{16}^6\ \Phi_{13}^3\ \Phi_{12}^2\ \Phi_8^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
139414	1800	429	$\frac{1}{39}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{19}{39}$	$\Phi_{429}^4\ \Phi_{143}^4\ \Phi_{39}^5\ \Phi_{33}^4\ \Phi_{13}^5\ \Phi_{11}^8\ \Phi_3^5\ \Phi_1^{10}$
139415	1800	390	$\frac{1}{39}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{19}{39}$	$\Phi_{390}^5\ \Phi_{195}^5\ \Phi_{130}^5\ \Phi_{78}^2\ \Phi_{65}^5\ \Phi_{39}^3\ \Phi_{30}^7\ \Phi_{26}^2\ \Phi_{15}^7\ \Phi_{13}^3\ \Phi_{10}^6\ \Phi_6^3\ \Phi_5^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
139416	1800	257	$\frac{7}{257}$	$\frac{11}{257}$	$\frac{82}{257}$	$\frac{125}{257}$	$\Phi_{257}^7\ \Phi_1^8$
139417	1800	257	$\frac{7}{257}$	$\frac{22}{257}$	$\frac{47}{257}$	$\frac{125}{257}$	$\Phi_{257}^7\ \Phi_1^8$
139418	1800	257	$\frac{7}{257}$	$\frac{32}{257}$	$\frac{33}{257}$	$\frac{125}{257}$	$\Phi_{257}^7\ \Phi_1^8$
139419	1800	1991	$\frac{5}{181}$	$\frac{1}{11}$	$\frac{31}{181}$	$\frac{88}{181}$	Φ_{1991}
139420	1800	1799	$\frac{51}{1799}$	$\frac{185}{1799}$	$\frac{269}{1799}$	$\frac{874}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139421	1800	2730	$\frac{1}{35}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{273}\ \Phi_{210}\ \Phi_{195}\ \Phi_{78}^2\ \Phi_{42}\ \Phi_{39}^2\ \Phi_{30}\ \Phi_6^2$
139422	1800	245	$\frac{1}{35}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{17}{35}$	$\Phi_{245}^7\ \Phi_{49}^8\ \Phi_{35}^8\ \Phi_7^9\ \Phi_5^8\ \Phi_1^{10}$
139423	1800	2310	$\frac{1}{35}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{17}{35}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{165}\ \Phi_{154}\ \Phi_{110}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2$
139424	1800	140	$\frac{1}{35}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{17}{35}$	$\Phi_{140}^{14}\ \Phi_{70}^{14}\ \Phi_{35}^8\ \Phi_{28}^{16}\ \Phi_{20}^{14}\ \Phi_{14}^{16}\ \Phi_{10}^{14}\ \Phi_7^9\ \Phi_5^8\ \Phi_4^{16}\ \Phi_2^{16}\ \Phi_1^{10}$
139425	1800	1919	$\frac{3}{101}$	$\frac{1}{19}$	$\frac{26}{101}$	$\frac{49}{101}$	Φ_{1919}
139426	1800	301	$\frac{9}{301}$	$\frac{31}{301}$	$\frac{1}{7}$	$\frac{146}{301}$	$\Phi_{301}^6\ \Phi_{43}^6\ \Phi_7^5\ \Phi_1^6$
139427	1800	2166	$\frac{11}{361}$	$\frac{31}{361}$	$\frac{1}{6}$	$\frac{175}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
139428	1800	1799	$\frac{55}{1799}$	$\frac{103}{1799}$	$\frac{424}{1799}$	$\frac{872}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139429	1800	1799	$\frac{55}{1799}$	$\frac{149}{1799}$	$\frac{309}{1799}$	$\frac{872}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139430	1800	2404	$\frac{19}{601}$	$\frac{31}{601}$	$\frac{1}{4}$	$\frac{291}{601}$	$\Phi_{2404}\ \Phi_{1202}$
139431	1800	1799	$\frac{57}{1799}$	$\frac{89}{1799}$	$\frac{464}{1799}$	$\frac{871}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139432	1800	2703	$\frac{29}{901}$	$\frac{31}{901}$	$\frac{1}{3}$	$\frac{436}{901}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139433	1800	1963	$\frac{5}{151}$	$\frac{1}{13}$	$\frac{26}{151}$	$\frac{73}{151}$	Φ_{1963}
139434	1800	1799	$\frac{61}{1799}$	$\frac{62}{1799}$	$\frac{579}{1799}$	$\frac{869}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139435	1800	1799	$\frac{61}{1799}$	$\frac{155}{1799}$	$\frac{274}{1799}$	$\frac{869}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139436	1800	2697	$\frac{1}{31}$	$\frac{1}{29}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{2697}\ \Phi_{93}^2$
139437	1800	1711	$\frac{2}{59}$	$\frac{1}{29}$	$\frac{19}{59}$	$\frac{14}{29}$	$\Phi_{1711}\ \Phi_{59}^2\ \Phi_{29}^2\ \Phi_1^4$
139438	1800	2436	$\frac{1}{29}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{812}\ \Phi_{406}\ \Phi_{348}\ \Phi_{174}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_6^2$
139439	1800	1711	$\frac{1}{29}$	$\frac{3}{59}$	$\frac{14}{59}$	$\frac{14}{29}$	$\Phi_{1711}\ \Phi_{59}^2\ \Phi_{29}^2\ \Phi_1^4$
139440	1800	2320	$\frac{1}{29}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{14}{29}$	$\Phi_{2320}\ \Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2$
139441	1800	1711	$\frac{1}{29}$	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{14}{29}$	$\Phi_{1711}\ \Phi_{59}^2\ \Phi_{29}^2\ \Phi_1^4$
139442	1800	2262	$\frac{1}{29}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{14}{29}$	$\Phi_{2262}\ \Phi_{1131}\ \Phi_{754}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{26}^2$
139443	1800	1711	$\frac{1}{29}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{14}{29}$	$\Phi_{1711}\ \Phi_{59}^2\ \Phi_{29}^2\ \Phi_1^4$
139444	1800	2233	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{14}{29}$	$\Phi_{2233}\ \Phi_{77}^2$
139445	1800	2010	$\frac{7}{201}$	$\frac{1}{10}$	$\frac{26}{201}$	$\frac{97}{201}$	$\Phi_{2010}\ \Phi_{1005}\ \Phi_{670}\ \Phi_{402}\ \Phi_{335}\ \Phi_{134}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
139446	1800	1799	$\frac{65}{1799}$	$\frac{174}{1799}$	$\frac{233}{1799}$	$\frac{867}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
139447	1800	301	$\frac{11}{301}$	$\frac{26}{301}$	$\frac{1}{7}$	$\frac{145}{301}$	$\Phi_{301}^{6}\ \Phi_{43}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
139448	1800	1799	$\frac{67}{1799}$	$\frac{124}{1799}$	$\frac{311}{1799}$	$\frac{866}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139449	1800	2255	$\frac{17}{451}$	$\frac{26}{451}$	$\frac{1}{5}$	$\frac{217}{451}$	$\Phi_{2255}\ \Phi_{205}\ \Phi_{55}$
139450	1800	2404	$\frac{23}{601}$	$\frac{26}{601}$	$\frac{1}{4}$	$\frac{289}{601}$	$\Phi_{2404}\ \Phi_{1202}$
139451	1800	1799	$\frac{69}{1799}$	$\frac{74}{1799}$	$\frac{467}{1799}$	$\frac{865}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139452	1800	2703	$\frac{26}{901}$	$\frac{35}{901}$	$\frac{1}{3}$	$\frac{433}{901}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139453	1800	1799	$\frac{73}{1799}$	$\frac{104}{1799}$	$\frac{339}{1799}$	$\frac{863}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139454	1800	1898	$\frac{1}{26}$	$\frac{3}{73}$	$\frac{19}{73}$	$\frac{35}{73}$	$\Phi_{1898}\ \Phi_{949}\ \Phi_{146}$
139455	1800	1936	$\frac{5}{121}$	$\frac{1}{16}$	$\frac{21}{121}$	$\frac{58}{121}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
139456	1800	1776	$\frac{1}{37}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{1776}^{2}\ \Phi_{592}^{2}\ \Phi_{111}$
139457	1800	3408	$\frac{2}{71}$	$\frac{1}{24}$	$\frac{23}{71}$	$\frac{23}{48}$	$\Phi_{3408}\ \Phi_{1136}\ \Phi_{71}\ \Phi_{48}^{2}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
139458	1800	1200	$\frac{1}{25}$	$\frac{1}{24}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{1200}^{3}\ \Phi_{400}^{3}\ \Phi_{240}^{3}\ \Phi_{100}\ \Phi_{80}^{3}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
139459	1800	3408	$\frac{1}{24}$	$\frac{3}{71}$	$\frac{17}{71}$	$\frac{23}{48}$	$\Phi_{3408}\ \Phi_{1136}\ \Phi_{71}\ \Phi_{48}^{2}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
139460	1800	4560	$\frac{1}{24}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{4560}\ \Phi_{1520}\ \Phi_{95}$
139461	1800	3408	$\frac{1}{24}$	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{23}{48}$	$\Phi_{3408}\ \Phi_{1136}\ \Phi_{71}\ \Phi_{48}^{2}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
139462	1800	4368	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{23}{48}$	$\Phi_{4368}\ \Phi_{1456}\ \Phi_{91}$
139463	1800	3408	$\frac{1}{24}$	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{23}{48}$	$\Phi_{3408}\ \Phi_{1136}\ \Phi_{71}\ \Phi_{48}^{2}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
139464	1800	720	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{23}{48}$	$\Phi_{720}^{6}\ \Phi_{240}^{4}\ \Phi_{144}^{3}\ \Phi_{90}\ \Phi_{80}^{4}\ \Phi_{48}^{2}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{16}^{2}\ \Phi_{15}\ \Phi_{6}$
139465	1800	851	$\frac{1}{37}$	$\frac{1}{23}$	$\frac{12}{37}$	$\frac{11}{23}$	$\Phi_{851}^{2}\ \Phi_{37}^{4}\ \Phi_{23}^{3}\ \Phi_{1}^{6}$
139466	1800	1196	$\frac{1}{26}$	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{1196}^{2}\ \Phi_{598}\ \Phi_{299}\ \Phi_{92}\ \Phi_{52}^{4}\ \Phi_{26}^{2}\ \Phi_{23}\ \Phi_{13}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
139467	1800	851	$\frac{1}{23}$	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{11}{23}$	$\Phi_{851}^{2}\ \Phi_{37}^{4}\ \Phi_{23}^{3}\ \Phi_{1}^{6}$
139468	1800	1104	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{11}{23}$	$\Phi_{1104}^{2}\ \Phi_{552}^{2}\ \Phi_{368}\ \Phi_{276}^{2}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{48}^{4}\ \Phi_{24}^{4}\ \Phi_{23}\ \Phi_{16}^{2}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
139469	1800	670	$\frac{3}{67}$	$\frac{1}{10}$	$\frac{7}{67}$	$\frac{32}{67}$	$\Phi_{670}^{3}\ \Phi_{335}^{3}\ \Phi_{134}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}$
139470	1800	1799	$\frac{47}{1799}$	$\frac{81}{1799}$	$\frac{584}{1799}$	$\frac{859}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139471	1800	1799	$\frac{81}{1799}$	$\frac{94}{1799}$	$\frac{341}{1799}$	$\frac{859}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139472	1800	1799	$\frac{81}{1799}$	$\frac{179}{1799}$	$\frac{188}{1799}$	$\frac{859}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139473	1800	2166	$\frac{17}{361}$	$\frac{21}{361}$	$\frac{1}{6}$	$\frac{172}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
139474	1800	1799	$\frac{85}{1799}$	$\frac{99}{1799}$	$\frac{314}{1799}$	$\frac{857}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139475	1800	2404	$\frac{21}{601}$	$\frac{29}{601}$	$\frac{1}{4}$	$\frac{286}{601}$	$\Phi_{2404}\ \Phi_{1202}$
139476	1800	1891	$\frac{1}{31}$	$\frac{3}{61}$	$\frac{16}{61}$	$\frac{29}{61}$	Φ_{1891}
139477	1800	1991	$\frac{9}{181}$	$\frac{1}{11}$	$\frac{19}{181}$	$\frac{86}{181}$	Φ_{1991}
139478	1800	257	$\frac{9}{257}$	$\frac{13}{257}$	$\frac{62}{257}$	$\frac{122}{257}$	$\Phi_{257}^{7}\ \Phi_{1}^{8}$
139479	1800	257	$\frac{13}{257}$	$\frac{23}{257}$	$\frac{27}{257}$	$\frac{122}{257}$	$\Phi_{257}^{7}\ \Phi_{1}^{8}$
139480	1800	2622	$\frac{1}{46}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{2622}\ \Phi_{1311}\ \Phi_{138}^{2}\ \Phi_{114}\ \Phi_{69}^{2}\ \Phi_{6}^{2}$
139481	1800	1691	$\frac{2}{89}$	$\frac{1}{19}$	$\frac{29}{89}$	$\frac{9}{19}$	$\Phi_{1691}\ \Phi_{89}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
139482	1800	2356	$\frac{1}{31}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{2356}\ \Phi_{1178}\ \Phi_{124}^{2}\ \Phi_{62}^{2}$
139483	1800	1691	$\frac{4}{89}$	$\frac{1}{19}$	$\frac{17}{89}$	$\frac{9}{19}$	$\Phi_{1691}\ \Phi_{89}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
139484	1800	114	$\frac{1}{19}$	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{114}^{19}\ \Phi_{57}^{19}\ \Phi_{38}^{19}\ \Phi_{6}^{18}\ \Phi_{3}^{18}\ \Phi_{2}^{18}$
139485	1800	1691	$\frac{1}{19}$	$\frac{5}{89}$	$\frac{14}{89}$	$\frac{9}{19}$	$\Phi_{1691}\ \Phi_{89}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
139486	1800	2128	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{9}{19}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2$
139487	1800	1691	$\frac{1}{19}$	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{9}{19}$	$\Phi_{1691}\ \Phi_{89}^2\ \Phi_{19}^2\ \Phi_{1}^4$
139488	1800	2090	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{19}$	$\Phi_{2090}\ \Phi_{1045}\ \Phi_{418}\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{22}^2$
139489	1800	1799	$\frac{53}{1799}$	$\frac{97}{1799}$	$\frac{474}{1799}$	$\frac{851}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
139490	1800	1799	$\frac{79}{1799}$	$\frac{97}{1799}$	$\frac{344}{1799}$	$\frac{851}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
139491	1800	2703	$\frac{19}{901}$	$\frac{49}{901}$	$\frac{1}{3}$	$\frac{426}{901}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139492	1800	273	$\frac{1}{21}$	$\frac{5}{91}$	$\frac{16}{91}$	$\frac{43}{91}$	$\Phi_{273}^7\ \Phi_{91}^6\ \Phi_{39}^7\ \Phi_{21}^6\ \Phi_{13}^6\ \Phi_{7}^5\ \Phi_{3}^6\ \Phi_{1}^6$
139493	1800	1799	$\frac{38}{1799}$	$\frac{101}{1799}$	$\frac{587}{1799}$	$\frac{849}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
139494	1800	1799	$\frac{95}{1799}$	$\frac{101}{1799}$	$\frac{284}{1799}$	$\frac{849}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
139495	1800	1936	$\frac{7}{121}$	$\frac{1}{16}$	$\frac{16}{121}$	$\frac{57}{121}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
139496	1800	51	$\frac{1}{51}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{51}^{35}\ \Phi_{17}^{36}\ \Phi_{3}^{34}\ \Phi_{1}^{36}$
139497	1800	1258	$\frac{1}{37}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{1258}^2\ \Phi_{629}\ \Phi_{74}^2$
139498	1800	561	$\frac{1}{33}$	$\frac{1}{17}$	$\frac{8}{33}$	$\frac{8}{17}$	$\Phi_{561}^3\ \Phi_{187}^3\ \Phi_{51}^3\ \Phi_{33}^6\ \Phi_{17}^4\ \Phi_{11}^6\ \Phi_{3}^6\ \Phi_{1}^8$
139499	1800	2210	$\frac{1}{26}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{2210}\ \Phi_{1105}\ \Phi_{170}\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{10}^2$
139500	1800	1683	$\frac{4}{99}$	$\frac{1}{17}$	$\frac{19}{99}$	$\frac{8}{17}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}\ \Phi_{99}^2\ \Phi_{51}\ \Phi_{33}^2\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
139501	1800	714	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{714}^3\ \Phi_{357}^2\ \Phi_{238}^3\ \Phi_{119}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{42}^6\ \Phi_{34}^2\ \Phi_{21}^4\ \Phi_{17}^2\ \Phi_{14}^6\ \Phi_{7}^4\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
139502	1800	459	$\frac{1}{17}$	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{8}{17}$	$\Phi_{459}^4\ \Phi_{153}^3\ \Phi_{51}^3\ \Phi_{27}^8\ \Phi_{17}^4\ \Phi_{9}^6\ \Phi_{3}^6\ \Phi_{1}^8$
139503	1800	187	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{8}{17}$	$\Phi_{187}^9\ \Phi_{17}^{10}\ \Phi_{11}^{18}\ \Phi_{1}^{20}$
139504	1800	1963	$\frac{9}{151}$	$\frac{1}{13}$	$\frac{16}{151}$	$\frac{71}{151}$	Φ_{1963}
139505	1800	1799	$\frac{109}{1799}$	$\frac{159}{1799}$	$\frac{164}{1799}$	$\frac{845}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
139506	1800	1991	$\frac{11}{181}$	$\frac{16}{181}$	$\frac{1}{11}$	$\frac{85}{181}$	Φ_{1991}
139507	1800	1272	$\frac{1}{53}$	$\frac{13}{212}$	$\frac{1}{3}$	$\frac{199}{424}$	$\Phi_{1272}^4\ \Phi_{159}\ \Phi_{24}^4$
139508	1800	1799	$\frac{111}{1799}$	$\frac{134}{1799}$	$\frac{191}{1799}$	$\frac{844}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
139509	1800	1799	$\frac{104}{1799}$	$\frac{113}{1799}$	$\frac{239}{1799}$	$\frac{843}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
139510	1800	301	$\frac{16}{301}$	$\frac{19}{301}$	$\frac{1}{7}$	$\frac{141}{301}$	$\Phi_{301}^6\ \Phi_{43}^6\ \Phi_{7}^5\ \Phi_{1}^6$
139511	1800	2166	$\frac{16}{361}$	$\frac{23}{361}$	$\frac{1}{6}$	$\frac{169}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
139512	1800	1799	$\frac{74}{1799}$	$\frac{115}{1799}$	$\frac{319}{1799}$	$\frac{842}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
139513	1800	2255	$\frac{16}{451}$	$\frac{29}{451}$	$\frac{1}{5}$	$\frac{211}{451}$	$\Phi_{2255}\ \Phi_{205}\ \Phi_{55}$
139514	1800	2404	$\frac{16}{601}$	$\frac{39}{601}$	$\frac{1}{4}$	$\frac{281}{601}$	$\Phi_{2404}\ \Phi_{1202}$
139515	1800	1799	$\frac{44}{1799}$	$\frac{117}{1799}$	$\frac{479}{1799}$	$\frac{841}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
139516	1800	2703	$\frac{16}{901}$	$\frac{59}{901}$	$\frac{1}{3}$	$\frac{421}{901}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139517	1800	1799	$\frac{32}{1799}$	$\frac{121}{1799}$	$\frac{589}{1799}$	$\frac{839}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
139518	1800	1799	$\frac{64}{1799}$	$\frac{121}{1799}$	$\frac{347}{1799}$	$\frac{839}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
139519	1800	1898	$\frac{1}{26}$	$\frac{5}{73}$	$\frac{13}{73}$	$\frac{34}{73}$	$\Phi_{1898}\ \Phi_{949}\ \Phi_{146}$
139520	1800	5124	$\frac{1}{61}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{5124}\ \Phi_{732}\ \Phi_{183}$
139521	1800	476	$\frac{2}{119}$	$\frac{1}{14}$	$\frac{39}{119}$	$\frac{13}{28}$	$\Phi_{476}^7\ \Phi_{119}\ \Phi_{68}^7\ \Phi_{28}^8\ \Phi_{17}\ \Phi_{7}\ \Phi_{4}^8\ \Phi_{1}^2$
139522	1800	1148	$\frac{1}{41}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{1148}\ \Phi_{574}^2\ \Phi_{287}^2\ \Phi_{164}^2\ \Phi_{82}^3\ \Phi_{41}^2$
139523	1800	476	$\frac{3}{119}$	$\frac{1}{14}$	$\frac{29}{119}$	$\frac{13}{28}$	$\Phi_{476}^7\ \Phi_{119}\ \Phi_{68}^7\ \Phi_{28}^8\ \Phi_{17}\ \Phi_{7}\ \Phi_{4}^8\ \Phi_{1}^2$
139524	1800	4340	$\frac{1}{31}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{4340}\ \Phi_{620}\ \Phi_{155}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
139525	1800	476	$\frac{4}{119}$	$\frac{1}{14}$	$\frac{23}{119}$	$\frac{13}{28}$	$\Phi_{476}^{7}\ \Phi_{119}\ \Phi_{68}^{7}\ \Phi_{28}^{8}\ \Phi_{17}\ \Phi_{7}\ \Phi_{4}^{8}\ \Phi_{1}^{2}$
139526	1800	2100	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{2100}^{2}\ \Phi_{700}\ \Phi_{420}^{2}\ \Phi_{300}^{2}\ \Phi_{150}\ \Phi_{140}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}^{2}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
139527	1800	476	$\frac{5}{119}$	$\frac{1}{14}$	$\frac{19}{119}$	$\frac{13}{28}$	$\Phi_{476}^{7}\ \Phi_{119}\ \Phi_{68}^{7}\ \Phi_{28}^{8}\ \Phi_{17}\ \Phi_{7}\ \Phi_{4}^{8}\ \Phi_{1}^{2}$
139528	1800	84	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{84}^{42}\ \Phi_{28}^{36}\ \Phi_{21}^{6}\ \Phi_{12}^{42}\ \Phi_{7}^{5}\ \Phi_{4}^{36}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
139529	1800	476	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{2}{17}$	$\frac{13}{28}$	$\Phi_{476}^{7}\ \Phi_{68}^{7}\ \Phi_{28}^{8}\ \Phi_{17}^{7}\ \Phi_{4}^{8}\ \Phi_{1}^{8}$
139530	1800	1008	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{28}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{252}\ \Phi_{168}^{2}\ \Phi_{144}^{3}\ \Phi_{126}^{2}\ \Phi_{84}\ \Phi_{72}^{3}\ \Phi_{63}^{2}\ \Phi_{48}^{3}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{3}\ \Phi_{21}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
139531	1800	476	$\frac{1}{14}$	$\frac{9}{119}$	$\frac{11}{119}$	$\frac{13}{28}$	$\Phi_{476}^{7}\ \Phi_{119}\ \Phi_{68}^{7}\ \Phi_{28}^{8}\ \Phi_{17}\ \Phi_{7}\ \Phi_{4}^{8}\ \Phi_{1}^{2}$
139532	1800	4004	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{13}{28}$	$\Phi_{4004}\ \Phi_{572}\ \Phi_{143}$
139533	1800	1886	$\frac{1}{46}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{1886}\ \Phi_{943}\ \Phi_{82}$
139534	1800	1936	$\frac{1}{16}$	$\frac{9}{121}$	$\frac{13}{121}$	$\frac{56}{121}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
139535	1800	1092	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{6}{13}$	$\Phi_{1092}^{2}\ \Phi_{546}^{2}\ \Phi_{364}^{2}\ \Phi_{273}\ \Phi_{182}^{2}\ \Phi_{156}^{2}\ \Phi_{91}\ \Phi_{84}^{2}\ \Phi_{78}^{2}\ \Phi_{42}^{2}\ \Phi_{39}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
139536	1800	1799	$\frac{107}{1799}$	$\frac{141}{1799}$	$\frac{194}{1799}$	$\frac{829}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139537	1800	2166	$\frac{13}{361}$	$\frac{29}{361}$	$\frac{1}{6}$	$\frac{166}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
139538	1800	1799	$\frac{54}{1799}$	$\frac{145}{1799}$	$\frac{349}{1799}$	$\frac{827}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139539	1800	1799	$\frac{59}{1799}$	$\frac{145}{1799}$	$\frac{324}{1799}$	$\frac{827}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139540	1800	1887	$\frac{1}{51}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{1887}\ \Phi_{629}\ \Phi_{111}$
139541	1800	2404	$\frac{13}{601}$	$\frac{49}{601}$	$\frac{1}{4}$	$\frac{276}{601}$	$\Phi_{2404}\ \Phi_{1202}$
139542	1800	1891	$\frac{1}{31}$	$\frac{5}{61}$	$\frac{11}{61}$	$\frac{28}{61}$	Φ_{1891}
139543	1800	1799	$\frac{39}{1799}$	$\frac{151}{1799}$	$\frac{440}{1799}$	$\frac{824}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139544	1800	1799	$\frac{65}{1799}$	$\frac{151}{1799}$	$\frac{289}{1799}$	$\frac{824}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139545	1800	1919	$\frac{1}{19}$	$\frac{9}{101}$	$\frac{11}{101}$	$\frac{46}{101}$	Φ_{1919}
139546	1800	257	$\frac{7}{257}$	$\frac{23}{257}$	$\frac{50}{257}$	$\frac{117}{257}$	$\Phi_{257}^{7}\ \Phi_{1}^{8}$
139547	1800	257	$\frac{14}{257}$	$\frac{23}{257}$	$\frac{27}{257}$	$\frac{117}{257}$	$\Phi_{257}^{7}\ \Phi_{1}^{8}$
139548	1800	1799	$\frac{109}{1799}$	$\frac{163}{1799}$	$\frac{169}{1799}$	$\frac{818}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139549	1800	2508	$\frac{1}{76}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{627}\ \Phi_{228}^{2}\ \Phi_{132}\ \Phi_{114}^{2}\ \Phi_{66}\ \Phi_{57}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
139550	1800	1639	$\frac{2}{149}$	$\frac{1}{11}$	$\frac{49}{149}$	$\frac{5}{11}$	$\Phi_{1639}\ \Phi_{149}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
139551	1800	2244	$\frac{1}{51}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{374}\ \Phi_{204}^{2}\ \Phi_{132}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{66}\ \Phi_{34}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
139552	1800	385	$\frac{2}{77}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{385}^{6}\ \Phi_{55}^{5}\ \Phi_{35}^{6}\ \Phi_{5}^{4}$
139553	1800	1639	$\frac{4}{149}$	$\frac{1}{11}$	$\frac{29}{149}$	$\frac{5}{11}$	$\Phi_{1639}\ \Phi_{149}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
139554	1800	2046	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{2046}\ \Phi_{1023}\ \Phi_{682}\ \Phi_{186}^{2}\ \Phi_{93}^{2}\ \Phi_{62}^{2}$
139555	1800	1639	$\frac{5}{149}$	$\frac{1}{11}$	$\frac{24}{149}$	$\frac{5}{11}$	$\Phi_{1639}\ \Phi_{149}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
139556	1800	2002	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{2002}\ \Phi_{1001}\ \Phi_{182}^{2}\ \Phi_{154}\ \Phi_{91}^{2}\ \Phi_{14}^{2}$
139557	1800	1639	$\frac{9}{149}$	$\frac{1}{11}$	$\frac{14}{149}$	$\frac{5}{11}$	$\Phi_{1639}\ \Phi_{149}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
139558	1800	176	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{176}^{11}\ \Phi_{88}^{11}\ \Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_{16}^{10}\ \Phi_{8}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}$
139559	1800	1991	$\frac{11}{181}$	$\frac{1}{11}$	$\frac{17}{181}$	$\frac{82}{181}$	Φ_{1991}
139560	1800	1799	$\frac{109}{1799}$	$\frac{164}{1799}$	$\frac{169}{1799}$	$\frac{815}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139561	1800	2010	$\frac{11}{201}$	$\frac{19}{201}$	$\frac{1}{10}$	$\frac{91}{201}$	$\Phi_{2010}\ \Phi_{1005}\ \Phi_{670}\ \Phi_{402}\ \Phi_{335}\ \Phi_{134}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
139562	1800	1799	$\frac{89}{1799}$	$\frac{171}{1799}$	$\frac{197}{1799}$	$\frac{814}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
139563	1800	1898	$\frac{1}{26}$	$\frac{7}{73}$	$\frac{10}{73}$	$\frac{33}{73}$	$\Phi_{1898}\ \Phi_{949}\ \Phi_{146}$
139564	1800	301	$\frac{11}{301}$	$\frac{29}{301}$	$\frac{1}{7}$	$\frac{136}{301}$	$\Phi_{301}^6\ \Phi_{43}^6\ \Phi_7^5\ \Phi_1^6$
139565	1800	2166	$\frac{11}{361}$	$\frac{35}{361}$	$\frac{1}{6}$	$\frac{163}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
139566	1800	257	$\frac{7}{257}$	$\frac{25}{257}$	$\frac{47}{257}$	$\frac{116}{257}$	$\Phi_{257}^7\ \Phi_1^8$
139567	1800	410	$\frac{1}{41}$	$\frac{4}{41}$	$\frac{1}{5}$	$\frac{37}{82}$	$\Phi_{410}^{10}\ \Phi_{205}\ \Phi_{10}^{10}$
139568	1800	2404	$\frac{11}{601}$	$\frac{59}{601}$	$\frac{1}{4}$	$\frac{271}{601}$	$\Phi_{2404}\ \Phi_{1202}$
139569	1800	1799	$\frac{29}{1799}$	$\frac{177}{1799}$	$\frac{494}{1799}$	$\frac{811}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139570	1800	2703	$\frac{11}{901}$	$\frac{89}{901}$	$\frac{1}{3}$	$\frac{406}{901}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139571	1800	273	$\frac{1}{21}$	$\frac{9}{91}$	$\frac{10}{91}$	$\frac{41}{91}$	$\Phi_{273}^7\ \Phi_{91}^6\ \Phi_{39}^7\ \Phi_{21}^6\ \Phi_{13}^6\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
139572	1800	1799	$\frac{99}{1799}$	$\frac{170}{1799}$	$\frac{181}{1799}$	$\frac{809}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139573	1800	1991	$\frac{10}{181}$	$\frac{1}{11}$	$\frac{19}{181}$	$\frac{81}{181}$	Φ_{1991}
139574	1800	1799	$\frac{80}{1799}$	$\frac{191}{1799}$	$\frac{199}{1799}$	$\frac{804}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139575	1800	1799	$\frac{62}{1799}$	$\frac{193}{1799}$	$\frac{249}{1799}$	$\frac{803}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139576	1800	2166	$\frac{10}{361}$	$\frac{39}{361}$	$\frac{1}{6}$	$\frac{161}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
139577	1800	2255	$\frac{10}{451}$	$\frac{49}{451}$	$\frac{1}{5}$	$\frac{201}{451}$	$\Phi_{2255}\ \Phi_{205}\ \Phi_{55}$
139578	1800	1799	$\frac{26}{1799}$	$\frac{197}{1799}$	$\frac{499}{1799}$	$\frac{801}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139579	1800	2703	$\frac{10}{901}$	$\frac{99}{901}$	$\frac{1}{3}$	$\frac{401}{901}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139580	1800	819	$\frac{1}{91}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{819}^2\ \Phi_{273}^3\ \Phi_{117}^2\ \Phi_{91}^2\ \Phi_{63}^2\ \Phi_{39}^3\ \Phi_{21}^3\ \Phi_{13}^2\ \Phi_7^2$
139581	1800	1611	$\frac{2}{179}$	$\frac{1}{9}$	$\frac{59}{179}$	$\frac{4}{9}$	$\Phi_{1611}\ \Phi_{537}\ \Phi_{179}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
139582	1800	2196	$\frac{1}{61}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{2196}\ \Phi_{1098}\ \Phi_{732}\ \Phi_{366}\ \Phi_{244}^2\ \Phi_{122}^2$
139583	1800	1611	$\frac{3}{179}$	$\frac{1}{9}$	$\frac{44}{179}$	$\frac{4}{9}$	$\Phi_{1611}\ \Phi_{537}\ \Phi_{179}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
139584	1800	2070	$\frac{1}{46}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{345}\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{90}\ \Phi_{30}\ \Phi_{10}^2$
139585	1800	1611	$\frac{4}{179}$	$\frac{1}{9}$	$\frac{35}{179}$	$\frac{4}{9}$	$\Phi_{1611}\ \Phi_{537}\ \Phi_{179}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
139586	1800	666	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{666}^3\ \Phi_{333}^2\ \Phi_{222}^4\ \Phi_{111}^3\ \Phi_{74}^4\ \Phi_{37}^2$
139587	1800	1611	$\frac{5}{179}$	$\frac{1}{9}$	$\frac{29}{179}$	$\frac{4}{9}$	$\Phi_{1611}\ \Phi_{537}\ \Phi_{179}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
139588	1800	1953	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{217}^2$
139589	1800	1611	$\frac{8}{179}$	$\frac{19}{179}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1611}\ \Phi_{537}\ \Phi_{179}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
139590	1800	630	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^4\ \Phi_{126}^3\ \Phi_{105}^4\ \Phi_{90}^2\ \Phi_{70}^4\ \Phi_{45}^2\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{14}^4\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_2^2$
139591	1800	1611	$\frac{9}{179}$	$\frac{17}{179}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1611}\ \Phi_{537}\ \Phi_{179}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
139592	1800	1881	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{209}^2$
139593	1800	1611	$\frac{11}{179}$	$\frac{14}{179}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1611}\ \Phi_{537}\ \Phi_{179}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
139594	1800	1872	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}^2\ \Phi_{156}\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{26}^2$
139595	1800	1799	$\frac{20}{1799}$	$\frac{201}{1799}$	$\frac{593}{1799}$	$\frac{799}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139596	1800	1900	$\frac{1}{76}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{475}\ \Phi_{380}\ \Phi_{190}\ \Phi_{100}\ \Phi_{95}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
139597	1800	4848	$\frac{1}{101}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{4848}\ \Phi_{303}$
139598	1800	3184	$\frac{3}{199}$	$\frac{1}{8}$	$\frac{49}{199}$	$\frac{7}{16}$	$\Phi_{3184}\ \Phi_{199}\ \Phi_{16}^2\ \Phi_1^2$
139599	1800	4080	$\frac{1}{51}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{4080}\ \Phi_{1360}\ \Phi_{255}\ \Phi_{240}\ \Phi_{85}\ \Phi_{15}$
139600	1800	3184	$\frac{4}{199}$	$\frac{1}{8}$	$\frac{39}{199}$	$\frac{7}{16}$	$\Phi_{3184}\ \Phi_{199}\ \Phi_{16}^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
139601	1800	1968	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{1968}^2\ \Phi_{656}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}$
139602	1800	3184	$\frac{7}{199}$	$\frac{24}{199}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3184}\ \Phi_{199}\ \Phi_{16}^2\ \Phi_1^2$
139603	1800	1872	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1872}^2\ \Phi_{624}^2\ \Phi_{234}\ \Phi_{144}\ \Phi_{117}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{18}\ \Phi_6$
139604	1800	3184	$\frac{9}{199}$	$\frac{19}{199}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3184}\ \Phi_{199}\ \Phi_{16}^2\ \Phi_1^2$
139605	1800	3696	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{231}\ \Phi_{77}\ \Phi_{33}$
139606	1800	1799	$\frac{17}{1799}$	$\frac{241}{1799}$	$\frac{594}{1799}$	$\frac{779}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139607	1800	1799	$\frac{34}{1799}$	$\frac{241}{1799}$	$\frac{353}{1799}$	$\frac{779}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139608	1800	1887	$\frac{1}{51}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{1887}\ \Phi_{629}\ \Phi_{111}$
139609	1800	1799	$\frac{41}{1799}$	$\frac{251}{1799}$	$\frac{293}{1799}$	$\frac{774}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139610	1800	112	$\frac{1}{112}$	$\frac{1}{7}$	$\frac{37}{112}$	$\frac{3}{7}$	$\Phi_{112}^{16}\ \Phi_{56}^{16}\ \Phi_{28}^{16}\ \Phi_{16}^{16}\ \Phi_{14}^{16}\ \Phi_8^{16}\ \Phi_7^{17}\ \Phi_4^{16}\ \Phi_2^{16}\ \Phi_1^{18}$
139611	1800	91	$\frac{1}{91}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{91}^{20}\ \Phi_{13}^{20}\ \Phi_7^{17}\ \Phi_1^{18}$
139612	1800	532	$\frac{1}{76}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{532}^3\ \Phi_{266}^3\ \Phi_{133}^3\ \Phi_{76}^6\ \Phi_{38}^6\ \Phi_{28}^2\ \Phi_{19}^6\ \Phi_{14}^2\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
139613	1800	56	$\frac{1}{56}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{7}$	$\Phi_{56}^{32}\ \Phi_{28}^{32}\ \Phi_{14}^{32}\ \Phi_8^{32}\ \Phi_7^{33}\ \Phi_4^{32}\ \Phi_2^{32}\ \Phi_1^{34}$
139614	1800	966	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{322}\ \Phi_{161}\ \Phi_{138}^4\ \Phi_{69}^4\ \Phi_{46}^2\ \Phi_{42}\ \Phi_{23}^2\ \Phi_{21}\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
139615	1800	77	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{77}^{24}\ \Phi_{11}^{24}\ \Phi_7^{17}\ \Phi_1^{18}$
139616	1800	1624	$\frac{7}{232}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1624}\ \Phi_{812}\ \Phi_{406}\ \Phi_{232}^2\ \Phi_{203}\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_7\ \Phi_1^2$
139617	1800	1792	$\frac{1}{32}$	$\frac{31}{256}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}^2\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_7\ \Phi_1^2$
139618	1800	28	$\frac{1}{28}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{28}^{64}\ \Phi_{14}^{64}\ \Phi_7^{65}\ \Phi_4^{64}\ \Phi_2^{64}\ \Phi_1^{66}$
139619	1800	910	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{182}\ \Phi_{130}^4\ \Phi_{91}\ \Phi_{70}\ \Phi_{65}^4\ \Phi_{35}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
139620	1800	147	$\frac{1}{21}$	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{147}^{14}\ \Phi_{49}^{12}\ \Phi_{21}^6\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
139621	1800	238	$\frac{13}{238}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{238}^8\ \Phi_{119}^8\ \Phi_{34}^8\ \Phi_{17}^8\ \Phi_7\ \Phi_1^2$
139622	1800	112	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{112}^{14}\ \Phi_{56}^{14}\ \Phi_{28}^{14}\ \Phi_{16}^{28}\ \Phi_{14}^{14}\ \Phi_8^{28}\ \Phi_7^{15}\ \Phi_4^{28}\ \Phi_2^{28}\ \Phi_1^{30}$
139623	1800	1891	$\frac{1}{31}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{26}{61}$	Φ_{1891}
139624	1800	1799	$\frac{23}{1799}$	$\frac{271}{1799}$	$\frac{444}{1799}$	$\frac{764}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139625	1800	1799	$\frac{69}{1799}$	$\frac{173}{1799}$	$\frac{271}{1799}$	$\frac{764}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139626	1800	1898	$\frac{1}{26}$	$\frac{7}{73}$	$\frac{11}{73}$	$\frac{31}{73}$	$\Phi_{1898}\ \Phi_{949}\ \Phi_{146}$
139627	1800	546	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{26}$	$\Phi_{546}^6\ \Phi_{273}\ \Phi_{182}^6\ \Phi_{91}\ \Phi_{78}^6\ \Phi_{42}^6\ \Phi_{39}\ \Phi_{14}^6\ \Phi_6^6$
139628	1800	1799	$\frac{104}{1799}$	$\frac{113}{1799}$	$\frac{281}{1799}$	$\frac{759}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139629	1800	1936	$\frac{7}{121}$	$\frac{1}{16}$	$\frac{19}{121}$	$\frac{51}{121}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
139630	1800	1991	$\frac{7}{181}$	$\frac{1}{11}$	$\frac{29}{181}$	$\frac{76}{181}$	Φ_{1991}
139631	1800	1799	$\frac{29}{1799}$	$\frac{289}{1799}$	$\frac{354}{1799}$	$\frac{755}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139632	1800	1799	$\frac{65}{1799}$	$\frac{174}{1799}$	$\frac{289}{1799}$	$\frac{755}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139633	1800	1891	$\frac{1}{61}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	Φ_{1891}
139634	1800	1799	$\frac{53}{1799}$	$\frac{209}{1799}$	$\frac{291}{1799}$	$\frac{754}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139635	1800	301	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{7}{43}$	$\frac{18}{43}$	$\Phi_{301}^7\ \Phi_7^6$
139636	1800	2166	$\frac{7}{361}$	$\frac{59}{361}$	$\frac{1}{6}$	$\frac{151}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
139637	1800	1799	$\frac{29}{1799}$	$\frac{295}{1799}$	$\frac{349}{1799}$	$\frac{752}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139638	1800	2404	$\frac{7}{601}$	$\frac{99}{601}$	$\frac{1}{4}$	$\frac{251}{601}$	$\Phi_{2404}\ \Phi_{1202}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
139639	1800	1799	$\frac{17}{1799}$	$\frac{297}{1799}$	$\frac{524}{1799}$	$\frac{751}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139640	1800	2703	$\frac{7}{901}$	$\frac{149}{901}$	$\frac{1}{3}$	$\frac{376}{901}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139641	1800	257	$\frac{2}{257}$	$\frac{43}{257}$	$\frac{85}{257}$	$\frac{107}{257}$	$\Phi_{257}^{7}\ \Phi_{1}^{8}$
139642	1800	257	$\frac{5}{257}$	$\frac{42}{257}$	$\frac{43}{257}$	$\frac{107}{257}$	$\Phi_{257}^{7}\ \Phi_{1}^{8}$
139643	1800	1886	$\frac{1}{46}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{1886}\ \Phi_{943}\ \Phi_{82}$
139644	1800	629	$\frac{1}{37}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{629}^{3}\ \Phi_{37}^{2}$
139645	1800	1799	$\frac{53}{1799}$	$\frac{194}{1799}$	$\frac{321}{1799}$	$\frac{739}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139646	1800	1891	$\frac{1}{31}$	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{25}{61}$	Φ_{1891}
139647	1800	1799	$\frac{59}{1799}$	$\frac{174}{1799}$	$\frac{325}{1799}$	$\frac{737}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139648	1800	1799	$\frac{71}{1799}$	$\frac{144}{1799}$	$\frac{331}{1799}$	$\frac{734}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139649	1800	273	$\frac{1}{21}$	$\frac{6}{91}$	$\frac{17}{91}$	$\frac{37}{91}$	$\Phi_{273}^{7}\ \Phi_{91}^{6}\ \Phi_{39}^{7}\ \Phi_{21}^{6}\ \Phi_{13}^{6}\ \Phi_{7}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
139650	1800	1799	$\frac{89}{1799}$	$\frac{114}{1799}$	$\frac{337}{1799}$	$\frac{731}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139651	1800	1919	$\frac{1}{19}$	$\frac{6}{101}$	$\frac{19}{101}$	$\frac{41}{101}$	Φ_{1919}
139652	1800	1799	$\frac{94}{1799}$	$\frac{107}{1799}$	$\frac{341}{1799}$	$\frac{729}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139653	1800	1936	$\frac{6}{121}$	$\frac{1}{16}$	$\frac{23}{121}$	$\frac{49}{121}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
139654	1800	257	$\frac{12}{257}$	$\frac{17}{257}$	$\frac{49}{257}$	$\frac{104}{257}$	$\Phi_{257}^{7}\ \Phi_{1}^{8}$
139655	1800	1963	$\frac{6}{151}$	$\frac{1}{13}$	$\frac{29}{151}$	$\frac{61}{151}$	Φ_{1963}
139656	1800	1991	$\frac{6}{181}$	$\frac{1}{11}$	$\frac{35}{181}$	$\frac{73}{181}$	Φ_{1991}
139657	1800	1799	$\frac{54}{1799}$	$\frac{179}{1799}$	$\frac{349}{1799}$	$\frac{725}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139658	1800	670	$\frac{2}{67}$	$\frac{1}{10}$	$\frac{13}{67}$	$\frac{27}{67}$	$\Phi_{670}^{3}\ \Phi_{335}^{3}\ \Phi_{134}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}$
139659	1800	1799	$\frac{44}{1799}$	$\frac{215}{1799}$	$\frac{351}{1799}$	$\frac{724}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139660	1800	301	$\frac{6}{301}$	$\frac{1}{7}$	$\frac{59}{301}$	$\frac{121}{301}$	$\Phi_{301}^{6}\ \Phi_{43}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
139661	1800	1799	$\frac{34}{1799}$	$\frac{269}{1799}$	$\frac{353}{1799}$	$\frac{723}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139662	1800	2166	$\frac{6}{361}$	$\frac{1}{6}$	$\frac{71}{361}$	$\frac{145}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
139663	1800	1799	$\frac{24}{1799}$	$\frac{355}{1799}$	$\frac{359}{1799}$	$\frac{722}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139664	1800	2255	$\frac{6}{451}$	$\frac{89}{451}$	$\frac{1}{5}$	$\frac{181}{451}$	$\Phi_{2255}\ \Phi_{205}\ \Phi_{55}$
139665	1800	2404	$\frac{6}{601}$	$\frac{119}{601}$	$\frac{1}{4}$	$\frac{241}{601}$	$\Phi_{2404}\ \Phi_{1202}$
139666	1800	257	$\frac{2}{257}$	$\frac{51}{257}$	$\frac{77}{257}$	$\frac{103}{257}$	$\Phi_{257}^{7}\ \Phi_{1}^{8}$
139667	1800	2703	$\frac{6}{901}$	$\frac{179}{901}$	$\frac{1}{3}$	$\frac{361}{901}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139668	1800	2265	$\frac{1}{151}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{2265}\ \Phi_{453}^{2}$
139669	1800	1495	$\frac{2}{299}$	$\frac{1}{5}$	$\frac{99}{299}$	$\frac{2}{5}$	$\Phi_{1495}\ \Phi_{299}^{2}\ \Phi_{115}\ \Phi_{65}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
139670	1800	2020	$\frac{1}{101}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{404}^{2}\ \Phi_{202}^{2}$
139671	1800	1495	$\frac{3}{299}$	$\frac{1}{5}$	$\frac{74}{299}$	$\frac{2}{5}$	$\Phi_{1495}\ \Phi_{299}^{2}\ \Phi_{115}\ \Phi_{65}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
139672	1800	380	$\frac{1}{76}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{380}^{5}\ \Phi_{190}^{5}\ \Phi_{95}^{5}\ \Phi_{76}^{4}\ \Phi_{38}^{4}\ \Phi_{20}^{5}\ \Phi_{19}^{4}\ \Phi_{10}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
139673	1800	1495	$\frac{4}{299}$	$\frac{59}{299}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1495}\ \Phi_{299}^{2}\ \Phi_{115}\ \Phi_{65}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
139674	1800	1830	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1830}\ \Phi_{915}\ \Phi_{610}\ \Phi_{366}^{2}\ \Phi_{183}^{2}\ \Phi_{122}^{2}$
139675	1800	1495	$\frac{5}{299}$	$\frac{49}{299}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1495}\ \Phi_{299}^{2}\ \Phi_{115}\ \Phi_{65}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
139676	1800	1785	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}^{2}\ \Phi_{119}^{2}\ \Phi_{105}\ \Phi_{21}^{2}$
139677	1800	1495	$\frac{9}{299}$	$\frac{29}{299}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1495}\ \Phi_{299}^{2}\ \Phi_{115}\ \Phi_{65}\ \Phi_{23}^{2}\ \Phi_{13}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
139678	1800	1705	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1705}\ \Phi_{341}^2$
139679	1800	1495	$\frac{11}{299}$	$\frac{24}{299}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1495}\ \Phi_{299}^2\ \Phi_{115}\ \Phi_{65}\ \Phi_{23}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
139680	1800	130	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{130}^{12}\ \Phi_{65}^{11}\ \Phi_{26}^{24}\ \Phi_{13}^{22}\ \Phi_{10}^{12}\ \Phi_5^{12}\ \Phi_2^{24}\ \Phi_1^{24}$
139681	1800	805	$\frac{1}{23}$	$\frac{11}{161}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{805}^2\ \Phi_{161}^4\ \Phi_{115}\ \Phi_{35}^2\ \Phi_{23}^2\ \Phi_7^4\ \Phi_5^2\ \Phi_1^4$
139682	1800	1495	$\frac{14}{299}$	$\frac{19}{299}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1495}\ \Phi_{299}^2\ \Phi_{115}\ \Phi_{65}\ \Phi_{23}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
139683	1800	1680	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}^2\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_6^2$
139684	1800	1799	$\frac{24}{1799}$	$\frac{355}{1799}$	$\frac{361}{1799}$	$\frac{719}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139685	1800	1886	$\frac{1}{46}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{1886}\ \Phi_{943}\ \Phi_{82}$
139686	1800	1799	$\frac{11}{1799}$	$\frac{401}{1799}$	$\frac{596}{1799}$	$\frac{699}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139687	1800	1799	$\frac{44}{1799}$	$\frac{195}{1799}$	$\frac{401}{1799}$	$\frac{699}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139688	1800	1963	$\frac{1}{151}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{1963}
139689	1800	1898	$\frac{1}{26}$	$\frac{5}{73}$	$\frac{17}{73}$	$\frac{28}{73}$	$\Phi_{1898}\ \Phi_{949}\ \Phi_{146}$
139690	1800	1799	$\frac{74}{1799}$	$\frac{115}{1799}$	$\frac{421}{1799}$	$\frac{689}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139691	1800	1936	$\frac{5}{121}$	$\frac{1}{16}$	$\frac{29}{121}$	$\frac{46}{121}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
139692	1800	1799	$\frac{67}{1799}$	$\frac{124}{1799}$	$\frac{433}{1799}$	$\frac{683}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139693	1800	2010	$\frac{5}{201}$	$\frac{1}{10}$	$\frac{49}{201}$	$\frac{76}{201}$	$\Phi_{2010}\ \Phi_{1005}\ \Phi_{670}\ \Phi_{402}\ \Phi_{335}\ \Phi_{134}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
139694	1800	257	$\frac{5}{257}$	$\frac{32}{257}$	$\frac{63}{257}$	$\frac{97}{257}$	$\Phi_{257}^7\ \Phi_1^8$
139695	1800	2166	$\frac{5}{361}$	$\frac{1}{6}$	$\frac{89}{361}$	$\frac{136}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
139696	1800	1799	$\frac{19}{1799}$	$\frac{374}{1799}$	$\frac{445}{1799}$	$\frac{677}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139697	1800	2404	$\frac{5}{601}$	$\frac{149}{601}$	$\frac{1}{4}$	$\frac{226}{601}$	$\Phi_{2404}\ \Phi_{1202}$
139698	1800	4344	$\frac{1}{181}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{4344}\ \Phi_{543}$
139699	1800	2872	$\frac{2}{359}$	$\frac{1}{4}$	$\frac{119}{359}$	$\frac{3}{8}$	$\Phi_{2872}\ \Phi_{359}\ \Phi_8^2\ \Phi_1^2$
139700	1800	968	$\frac{1}{121}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{968}^3\ \Phi_{484}\ \Phi_{242}\ \Phi_{88}^3\ \Phi_{44}\ \Phi_{22}$
139701	1800	2872	$\frac{3}{359}$	$\frac{89}{359}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2872}\ \Phi_{359}\ \Phi_8^2\ \Phi_1^2$
139702	1800	3640	$\frac{1}{91}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3640}\ \Phi_{520}\ \Phi_{455}\ \Phi_{280}\ \Phi_{65}\ \Phi_{35}$
139703	1800	2872	$\frac{4}{359}$	$\frac{71}{359}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2872}\ \Phi_{359}\ \Phi_8^2\ \Phi_1^2$
139704	1800	1752	$\frac{1}{73}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1752}^2\ \Phi_{584}\ \Phi_{438}\ \Phi_{219}\ \Phi_{146}$
139705	1800	2872	$\frac{5}{359}$	$\frac{59}{359}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2872}\ \Phi_{359}\ \Phi_8^2\ \Phi_1^2$
139706	1800	3416	$\frac{1}{61}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3416}\ \Phi_{427}$
139707	1800	2872	$\frac{7}{359}$	$\frac{44}{359}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2872}\ \Phi_{359}\ \Phi_8^2\ \Phi_1^2$
139708	1800	1656	$\frac{1}{46}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1656}^2\ \Phi_{552}^2\ \Phi_{414}\ \Phi_{207}\ \Phi_{138}\ \Phi_{72}\ \Phi_{69}\ \Phi_{24}\ \Phi_{18}\ \Phi_6$
139709	1800	2872	$\frac{8}{359}$	$\frac{39}{359}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2872}\ \Phi_{359}\ \Phi_8^2\ \Phi_1^2$
139710	1800	1640	$\frac{1}{41}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1640}^2\ \Phi_{410}\ \Phi_{328}\ \Phi_{205}\ \Phi_{82}$
139711	1800	2872	$\frac{9}{359}$	$\frac{35}{359}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2872}\ \Phi_{359}\ \Phi_8^2\ \Phi_1^2$
139712	1800	3256	$\frac{1}{37}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3256}\ \Phi_{407}$
139713	1800	2872	$\frac{11}{359}$	$\frac{29}{359}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2872}\ \Phi_{359}\ \Phi_8^2\ \Phi_1^2$
139714	1800	3224	$\frac{1}{31}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3224}\ \Phi_{403}$
139715	1800	2872	$\frac{14}{359}$	$\frac{23}{359}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2872}\ \Phi_{359}\ \Phi_8^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
139716	1800	400	$\frac{1}{25}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{400}^5\ \Phi_{200}^4\ \Phi_{100}^5\ \Phi_{80}^5\ \Phi_{50}^5\ \Phi_{40}^4\ \Phi_{25}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^4$
139717	1800	2872	$\frac{17}{359}$	$\frac{19}{359}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2872}\ \Phi_{359}\ \Phi_8^2\ \Phi_1^2$
139718	1800	3192	$\frac{1}{21}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{399}\ \Phi_{133}\ \Phi_{57}$
139719	1800	1799	$\frac{15}{1799}$	$\frac{446}{1799}$	$\frac{451}{1799}$	$\frac{674}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139720	1800	1919	$\frac{1}{101}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	Φ_{1919}
139721	1800	1799	$\frac{19}{1799}$	$\frac{356}{1799}$	$\frac{481}{1799}$	$\frac{659}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139722	1800	1799	$\frac{23}{1799}$	$\frac{296}{1799}$	$\frac{501}{1799}$	$\frac{649}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139723	1800	1900	$\frac{1}{76}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{475}\ \Phi_{380}\ \Phi_{190}\ \Phi_{100}\ \Phi_{95}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
139724	1800	406	$\frac{3}{203}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{406}^7\ \Phi_{203}^2\ \Phi_{58}^7\ \Phi_{29}^2\ \Phi_{14}^4\ \Phi_7\ \Phi_2^4\ \Phi_1^2$
139725	1800	1891	$\frac{1}{61}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	Φ_{1891}
139726	1800	1887	$\frac{1}{51}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{1887}\ \Phi_{629}\ \Phi_{111}$
139727	1800	1799	$\frac{39}{1799}$	$\frac{176}{1799}$	$\frac{541}{1799}$	$\frac{629}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139728	1800	1799	$\frac{47}{1799}$	$\frac{146}{1799}$	$\frac{551}{1799}$	$\frac{624}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139729	1800	1891	$\frac{1}{31}$	$\frac{4}{61}$	$\frac{19}{61}$	$\frac{21}{61}$	Φ_{1891}
139730	1800	1799	$\frac{59}{1799}$	$\frac{116}{1799}$	$\frac{561}{1799}$	$\frac{619}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139731	1800	1898	$\frac{1}{26}$	$\frac{4}{73}$	$\frac{23}{73}$	$\frac{25}{73}$	$\Phi_{1898}\ \Phi_{949}\ \Phi_{146}$
139732	1800	950	$\frac{1}{25}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{950}^3\ \Phi_{475}\ \Phi_{190}^3\ \Phi_{95}\ \Phi_{50}^3\ \Phi_{10}^3$
139733	1800	1799	$\frac{79}{1799}$	$\frac{86}{1799}$	$\frac{571}{1799}$	$\frac{614}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139734	1800	273	$\frac{4}{91}$	$\frac{1}{21}$	$\frac{29}{91}$	$\frac{31}{91}$	$\Phi_{273}^7\ \Phi_{91}^6\ \Phi_{39}^7\ \Phi_{21}^6\ \Phi_{13}^6\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
139735	1800	1799	$\frac{68}{1799}$	$\frac{99}{1799}$	$\frac{577}{1799}$	$\frac{611}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139736	1800	1936	$\frac{4}{121}$	$\frac{1}{16}$	$\frac{39}{121}$	$\frac{41}{121}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
139737	1800	257	$\frac{8}{257}$	$\frac{17}{257}$	$\frac{83}{257}$	$\frac{87}{257}$	$\Phi_{257}^7\ \Phi_1^8$
139738	1800	1963	$\frac{4}{151}$	$\frac{1}{13}$	$\frac{49}{151}$	$\frac{51}{151}$	Φ_{1963}
139739	1800	1991	$\frac{4}{181}$	$\frac{1}{11}$	$\frac{59}{181}$	$\frac{61}{181}$	Φ_{1991}
139740	1800	1799	$\frac{32}{1799}$	$\frac{199}{1799}$	$\frac{589}{1799}$	$\frac{605}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139741	1800	1799	$\frac{26}{1799}$	$\frac{239}{1799}$	$\frac{591}{1799}$	$\frac{604}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139742	1800	301	$\frac{4}{301}$	$\frac{1}{7}$	$\frac{99}{301}$	$\frac{101}{301}$	$\Phi_{301}^6\ \Phi_{43}^6\ \Phi_7^5\ \Phi_1^6$
139743	1800	1799	$\frac{20}{1799}$	$\frac{299}{1799}$	$\frac{593}{1799}$	$\frac{603}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139744	1800	2166	$\frac{4}{361}$	$\frac{1}{6}$	$\frac{119}{361}$	$\frac{121}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
139745	1800	2255	$\frac{4}{451}$	$\frac{1}{5}$	$\frac{149}{451}$	$\frac{151}{451}$	$\Phi_{2255}\ \Phi_{205}\ \Phi_{55}$
139746	1800	257	$\frac{2}{257}$	$\frac{57}{257}$	$\frac{85}{257}$	$\frac{86}{257}$	$\Phi_{257}^7\ \Phi_1^8$
139747	1800	2404	$\frac{4}{601}$	$\frac{1}{4}$	$\frac{199}{601}$	$\frac{201}{601}$	$\Phi_{2404}\ \Phi_{1202}$
139748	1800	1799	$\frac{8}{1799}$	$\frac{597}{1799}$	$\frac{599}{1799}$	$\frac{601}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139749	1800	2703	$\frac{4}{901}$	$\frac{299}{901}$	$\frac{1}{3}$	$\frac{301}{901}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139750	1800	678	$\frac{1}{226}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{678}^3\ \Phi_{339}^3\ \Phi_{226}^2\ \Phi_{113}^2\ \Phi_6^3\ \Phi_2^2$
139751	1800	1347	$\frac{2}{449}$	$\frac{149}{449}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1347}\ \Phi_{449}^2\ \Phi_3^2\ \Phi_1^4$
139752	1800	1812	$\frac{1}{151}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1812}\ \Phi_{906}\ \Phi_{604}^2\ \Phi_{302}^2$
139753	1800	1347	$\frac{4}{449}$	$\frac{89}{449}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1347}\ \Phi_{449}^2\ \Phi_3^2\ \Phi_1^4$
139754	1800	546	$\frac{1}{91}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{546}^4\ \Phi_{273}^3\ \Phi_{182}^4\ \Phi_{91}^2\ \Phi_{78}^4\ \Phi_{42}^4\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{13}^2\ \Phi_7^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
139755	1800	1347	$\frac{5}{449}$	$\frac{74}{449}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1347}\ \Phi_{449}^2\ \Phi_3^2\ \Phi_1^4$
139756	1800	1596	$\frac{1}{76}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}^2\ \Phi_{399}\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
139757	1800	1347	$\frac{8}{449}$	$\frac{49}{449}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1347}\ \Phi_{449}^2\ \Phi_3^2\ \Phi_1^4$
139758	1800	510	$\frac{1}{51}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{170}^4\ \Phi_{102}^4\ \Phi_{85}^4\ \Phi_{34}^4\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_2^2$
139759	1800	1347	$\frac{9}{449}$	$\frac{44}{449}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1347}\ \Phi_{449}^2\ \Phi_3^2\ \Phi_1^4$
139760	1800	1518	$\frac{1}{46}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}^2\ \Phi_{253}^2\ \Phi_{66}\ \Phi_{22}^2$
139761	1800	999	$\frac{1}{37}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{999}^2\ \Phi_{333}^2\ \Phi_{111}$
139762	1800	1347	$\frac{14}{449}$	$\frac{29}{449}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1347}\ \Phi_{449}^2\ \Phi_3^2\ \Phi_1^4$
139763	1800	1488	$\frac{1}{31}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}^2\ \Phi_{372}\ \Phi_{248}^2\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{62}^2$
139764	1800	1347	$\frac{17}{449}$	$\frac{24}{449}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1347}\ \Phi_{449}^2\ \Phi_3^2\ \Phi_1^4$
139765	1800	1482	$\frac{1}{26}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{494}^2\ \Phi_{247}^2\ \Phi_{114}\ \Phi_{38}^2$
139766	1800	3588	$\frac{2}{299}$	$\frac{1}{4}$	$\frac{99}{299}$	$\frac{1}{3}$	$\Phi_{3588}\ \Phi_{1794}\ \Phi_{276}\ \Phi_{156}\ \Phi_{138}\ \Phi_{78}\ \Phi_{12}^2\ \Phi_6^2$
139767	1800	2703	$\frac{7}{901}$	$\frac{201}{901}$	$\frac{298}{901}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139768	1800	1680	$\frac{1}{112}$	$\frac{1}{5}$	$\frac{37}{112}$	$\frac{1}{3}$	$\Phi_{1680}^2\ \Phi_{840}^2\ \Phi_{420}^2\ \Phi_{240}^2\ \Phi_{210}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^3$
139769	1800	2703	$\frac{10}{901}$	$\frac{151}{901}$	$\frac{297}{901}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139770	1800	1074	$\frac{2}{179}$	$\frac{1}{6}$	$\frac{59}{179}$	$\frac{1}{3}$	$\Phi_{1074}^2\ \Phi_{537}\ \Phi_{358}^2\ \Phi_{179}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
139771	1800	3129	$\frac{2}{149}$	$\frac{1}{7}$	$\frac{49}{149}$	$\frac{1}{3}$	$\Phi_{3129}\ \Phi_{21}^2$
139772	1800	2703	$\frac{13}{901}$	$\frac{121}{901}$	$\frac{296}{901}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139773	1800	2703	$\frac{16}{901}$	$\frac{101}{901}$	$\frac{295}{901}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139774	1800	2970	$\frac{2}{99}$	$\frac{1}{10}$	$\frac{97}{297}$	$\frac{1}{3}$	$\Phi_{2970}\ \Phi_{1485}\ \Phi_{594}\ \Phi_{270}\ \Phi_{135}\ \Phi_{54}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
139775	1800	2937	$\frac{2}{89}$	$\frac{1}{11}$	$\frac{29}{89}$	$\frac{1}{3}$	$\Phi_{2937}\ \Phi_{33}^2$
139776	1800	1443	$\frac{1}{37}$	$\frac{1}{13}$	$\frac{12}{37}$	$\frac{1}{3}$	$\Phi_{1443}^2\ \Phi_{39}^3$
139777	1800	1917	$\frac{2}{71}$	$\frac{2}{27}$	$\frac{23}{71}$	$\frac{1}{3}$	$\Phi_{1917}\ \Phi_{639}\ \Phi_{71}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_1^2$
139778	1800	2703	$\frac{28}{901}$	$\frac{61}{901}$	$\frac{291}{901}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139779	1800	2832	$\frac{2}{59}$	$\frac{1}{16}$	$\frac{19}{59}$	$\frac{1}{3}$	$\Phi_{2832}\ \Phi_{1416}\ \Phi_{708}\ \Phi_{354}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
139780	1800	663	$\frac{8}{221}$	$\frac{1}{17}$	$\frac{71}{221}$	$\frac{1}{3}$	$\Phi_{663}^4\ \Phi_{51}^5\ \Phi_{39}^4\ \Phi_3^4$
139781	1800	159	$\frac{2}{53}$	$\frac{3}{53}$	$\frac{17}{53}$	$\frac{1}{3}$	$\Phi_{159}^{17}\ \Phi_3^{16}$
139782	1800	462	$\frac{1}{22}$	$\frac{1}{21}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}^2\ \Phi_{42}^4\ \Phi_{33}^2\ \Phi_{22}^4\ \Phi_{21}^6\ \Phi_{14}^4\ \Phi_{11}^4\ \Phi_7^6\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
139783	1800	2703	$\frac{41}{901}$	$\frac{43}{901}$	$\frac{286}{901}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139784	1800	2730	$\frac{1}{26}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{273}\ \Phi_{210}\ \Phi_{195}\ \Phi_{78}^2\ \Phi_{42}\ \Phi_{39}^2\ \Phi_{30}\ \Phi_6^2$
139785	1800	2703	$\frac{31}{901}$	$\frac{58}{901}$	$\frac{281}{901}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139786	1800	2697	$\frac{1}{31}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{2697}\ \Phi_{93}^2$
139787	1800	2703	$\frac{25}{901}$	$\frac{73}{901}$	$\frac{276}{901}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139788	1800	1332	$\frac{1}{37}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{1332}^2\ \Phi_{666}^2\ \Phi_{333}^2\ \Phi_{111}$
139789	1800	2703	$\frac{21}{901}$	$\frac{88}{901}$	$\frac{271}{901}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139790	1800	51	$\frac{1}{51}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{51}^{35}\ \Phi_{17}^{36}\ \Phi_3^{34}\ \Phi_1^{36}$
139791	1800	318	$\frac{1}{53}$	$\frac{13}{106}$	$\frac{31}{106}$	$\frac{1}{3}$	$\Phi_{318}^8\ \Phi_{159}^9\ \Phi_6^8\ \Phi_3^8$
139792	1800	1281	$\frac{1}{61}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{1281}^2\ \Phi_{183}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
139793	1800	2703	$\frac{13}{901}$	$\frac{148}{901}$	$\frac{251}{901}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139794	1800	2508	$\frac{1}{76}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{627}\ \Phi_{228}^2\ \Phi_{132}\ \Phi_{114}^2\ \Phi_{66}\ \Phi_{57}^2\ \Phi_{12}^2\ \Phi_6^2$
139795	1800	2703	$\frac{11}{901}$	$\frac{178}{901}$	$\frac{241}{901}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139796	1800	2457	$\frac{1}{91}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{2457}\ \Phi_{351}\ \Phi_{273}\ \Phi_{189}\ \Phi_{39}\ \Phi_{21}$
139797	1800	2703	$\frac{9}{901}$	$\frac{223}{901}$	$\frac{226}{901}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139798	1800	1212	$\frac{1}{101}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1212}^2\ \Phi_{606}^2\ \Phi_{303}^3$
139799	1800	3588	$\frac{3}{299}$	$\frac{74}{299}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3588}\ \Phi_{1794}\ \Phi_{276}\ \Phi_{156}\ \Phi_{138}\ \Phi_{78}\ \Phi_{12}^2\ \Phi_6^2$
139800	1800	1140	$\frac{1}{76}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}^3\ \Phi_{570}^3\ \Phi_{285}^3\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^3$
139801	1800	3588	$\frac{4}{299}$	$\frac{59}{299}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3588}\ \Phi_{1794}\ \Phi_{276}\ \Phi_{156}\ \Phi_{138}\ \Phi_{78}\ \Phi_{12}^2\ \Phi_6^2$
139802	1800	732	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{732}^3\ \Phi_{366}\ \Phi_{244}^4\ \Phi_{183}^2\ \Phi_{122}^2\ \Phi_{61}^2$
139803	1800	3588	$\frac{5}{299}$	$\frac{49}{299}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3588}\ \Phi_{1794}\ \Phi_{276}\ \Phi_{156}\ \Phi_{138}\ \Phi_{78}\ \Phi_{12}^2\ \Phi_6^2$
139804	1800	1428	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1428}^2\ \Phi_{714}^2\ \Phi_{476}^2\ \Phi_{238}^2\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
139805	1800	3108	$\frac{1}{37}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3108}\ \Phi_{1554}\ \Phi_{777}\ \Phi_{111}$
139806	1800	3588	$\frac{9}{299}$	$\frac{29}{299}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3588}\ \Phi_{1794}\ \Phi_{276}\ \Phi_{156}\ \Phi_{138}\ \Phi_{78}\ \Phi_{12}^2\ \Phi_6^2$
139807	1800	4092	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{4092}\ \Phi_{2046}$
139808	1800	3588	$\frac{11}{299}$	$\frac{24}{299}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3588}\ \Phi_{1794}\ \Phi_{276}\ \Phi_{156}\ \Phi_{138}\ \Phi_{78}\ \Phi_{12}^2\ \Phi_6^2$
139809	1800	156	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^{23}\ \Phi_{78}^{11}\ \Phi_{39}^{12}\ \Phi_{12}^{24}\ \Phi_6^{12}\ \Phi_3^{12}$
139810	1800	2700	$\frac{1}{25}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{900}\ \Phi_{540}\ \Phi_{450}\ \Phi_{270}\ \Phi_{180}\ \Phi_{100}\ \Phi_{90}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
139811	1800	1932	$\frac{1}{23}$	$\frac{11}{161}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1932}^2\ \Phi_{966}^2\ \Phi_{276}\ \Phi_{138}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{12}^2\ \Phi_6^2$
139812	1800	3588	$\frac{14}{299}$	$\frac{19}{299}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3588}\ \Phi_{1794}\ \Phi_{276}\ \Phi_{156}\ \Phi_{138}\ \Phi_{78}\ \Phi_{12}^2\ \Phi_6^2$
139813	1800	336	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{84}^4\ \Phi_{56}^6\ \Phi_{48}^3\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{21}^6\ \Phi_{16}^6\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_8^6\ \Phi_7^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
139814	1800	1074	$\frac{3}{179}$	$\frac{1}{6}$	$\frac{44}{179}$	$\frac{1}{3}$	$\Phi_{1074}^2\ \Phi_{537}\ \Phi_{358}^2\ \Phi_{179}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
139815	1800	159	$\frac{1}{53}$	$\frac{8}{53}$	$\frac{13}{53}$	$\frac{1}{3}$	$\Phi_{159}^{17}\ \Phi_3^{16}$
139816	1800	330	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{8}{33}$	$\frac{1}{3}$	$\Phi_{330}^6\ \Phi_{165}^6\ \Phi_{110}^6\ \Phi_{66}^6\ \Phi_{55}^6\ \Phi_{30}^7\ \Phi_{22}^6\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_6^7\ \Phi_5^6\ \Phi_2^6$
139817	1800	2703	$\frac{33}{901}$	$\frac{76}{901}$	$\frac{217}{901}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139818	1800	1917	$\frac{3}{71}$	$\frac{2}{27}$	$\frac{17}{71}$	$\frac{1}{3}$	$\Phi_{1917}\ \Phi_{639}\ \Phi_{71}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_1^2$
139819	1800	2832	$\frac{3}{59}$	$\frac{1}{16}$	$\frac{14}{59}$	$\frac{1}{3}$	$\Phi_{2832}\ \Phi_{1416}\ \Phi_{708}\ \Phi_{354}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
139820	1800	714	$\frac{13}{238}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{714}^4\ \Phi_{357}^4\ \Phi_{102}^4\ \Phi_{51}\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_6^4$
139821	1800	2703	$\frac{46}{901}$	$\frac{57}{901}$	$\frac{211}{901}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139822	1800	2730	$\frac{1}{26}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{273}\ \Phi_{210}\ \Phi_{195}\ \Phi_{78}^2\ \Phi_{42}\ \Phi_{39}^2\ \Phi_{30}\ \Phi_6^2$
139823	1800	2703	$\frac{28}{901}$	$\frac{97}{901}$	$\frac{201}{901}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139824	1800	2070	$\frac{7}{207}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{414}\ \Phi_{345}\ \Phi_{230}\ \Phi_{138}\ \Phi_{115}\ \Phi_{46}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
139825	1800	3552	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{3552}\ \Phi_{1776}\ \Phi_{111}$
139826	1800	2622	$\frac{1}{46}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{2622}\ \Phi_{1311}\ \Phi_{138}^2\ \Phi_{114}\ \Phi_{69}^2\ \Phi_6^2$
139827	1800	2703	$\frac{16}{901}$	$\frac{177}{901}$	$\frac{181}{901}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139828	1800	840	$\frac{1}{56}$	$\frac{11}{56}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{840}^4\ \Phi_{420}^4\ \Phi_{210}^4\ \Phi_{120}^4\ \Phi_{105}^4\ \Phi_{60}^4\ \Phi_{30}^4\ \Phi_{15}^5$
139829	1800	690	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{690}^3\ \Phi_{345}^3\ \Phi_{230}^4\ \Phi_{115}^4\ \Phi_{30}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
139830	1800	1155	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1155}^3\ \Phi_{165}^3\ \Phi_{105}^2\ \Phi_{15}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
139831	1800	3480	$\frac{7}{232}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3480}\ \Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{15}$
139832	1800	3840	$\frac{1}{32}$	$\frac{31}{256}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3840}\ \Phi_{1920}\ \Phi_{960}\ \Phi_{15}$
139833	1800	420	$\frac{1}{28}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{420}^{8}\ \Phi_{210}^{8}\ \Phi_{105}^{8}\ \Phi_{60}^{8}\ \Phi_{30}^{8}\ \Phi_{15}^{9}$
139834	1800	390	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{390}^{7}\ \Phi_{195}^{7}\ \Phi_{78}^{8}\ \Phi_{39}^{8}\ \Phi_{30}^{3}\ \Phi_{15}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}$
139835	1800	2565	$\frac{1}{19}$	$\frac{2}{27}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2565}\ \Phi_{855}\ \Phi_{95}$
139836	1800	3570	$\frac{13}{238}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3570}\ \Phi_{1785}\ \Phi_{510}\ \Phi_{255}\ \Phi_{15}$
139837	1800	240	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{240}^{14}\ \Phi_{120}^{14}\ \Phi_{60}^{14}\ \Phi_{30}^{14}\ \Phi_{15}^{15}$
139838	1800	1074	$\frac{4}{179}$	$\frac{1}{6}$	$\frac{35}{179}$	$\frac{1}{3}$	$\Phi_{1074}^{2}\ \Phi_{537}\ \Phi_{358}^{2}\ \Phi_{179}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
139839	1800	2703	$\frac{21}{901}$	$\frac{145}{901}$	$\frac{176}{901}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139840	1800	3129	$\frac{4}{149}$	$\frac{1}{7}$	$\frac{29}{149}$	$\frac{1}{3}$	$\Phi_{3129}\ \Phi_{21}^{2}$
139841	1800	2703	$\frac{26}{901}$	$\frac{121}{901}$	$\frac{175}{901}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139842	1800	990	$\frac{4}{99}$	$\frac{1}{10}$	$\frac{19}{99}$	$\frac{1}{3}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{330}^{2}\ \Phi_{198}^{2}\ \Phi_{165}^{2}\ \Phi_{110}^{2}\ \Phi_{90}^{2}\ \Phi_{66}^{2}\ \Phi_{55}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{3}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}$
139843	1800	2937	$\frac{4}{89}$	$\frac{1}{11}$	$\frac{17}{89}$	$\frac{1}{3}$	$\Phi_{2937}\ \Phi_{33}^{2}$
139844	1800	2703	$\frac{41}{901}$	$\frac{81}{901}$	$\frac{172}{901}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139845	1800	2703	$\frac{46}{901}$	$\frac{73}{901}$	$\frac{171}{901}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139846	1800	1443	$\frac{2}{37}$	$\frac{1}{13}$	$\frac{7}{37}$	$\frac{1}{3}$	$\Phi_{1443}^{2}\ \Phi_{39}^{3}$
139847	1800	2703	$\frac{56}{901}$	$\frac{61}{901}$	$\frac{169}{901}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139848	1800	2832	$\frac{1}{16}$	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{1}{3}$	$\Phi_{2832}\ \Phi_{1416}\ \Phi_{708}\ \Phi_{354}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
139849	1800	663	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{41}{221}$	$\frac{1}{3}$	$\Phi_{663}^{4}\ \Phi_{51}^{5}\ \Phi_{39}^{4}\ \Phi_{3}^{4}$
139850	1800	2703	$\frac{49}{901}$	$\frac{71}{901}$	$\frac{166}{901}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139851	1800	2793	$\frac{1}{19}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{1}{3}$	$\Phi_{2793}\ \Phi_{399}\ \Phi_{57}^{2}$
139852	1800	231	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{231}^{8}\ \Phi_{77}^{8}\ \Phi_{33}^{4}\ \Phi_{21}^{10}\ \Phi_{11}^{8}\ \Phi_{7}^{10}\ \Phi_{3}^{5}\ \Phi_{1}^{10}$
139853	1800	2703	$\frac{41}{901}$	$\frac{86}{901}$	$\frac{163}{901}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139854	1800	2703	$\frac{37}{901}$	$\frac{96}{901}$	$\frac{161}{901}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139855	1800	561	$\frac{7}{187}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{561}^{5}\ \Phi_{51}^{3}\ \Phi_{33}^{5}\ \Phi_{3}^{2}$
139856	1800	2697	$\frac{1}{31}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{2697}\ \Phi_{93}^{2}$
139857	1800	2703	$\frac{25}{901}$	$\frac{146}{901}$	$\frac{151}{901}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139858	1800	222	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{222}^{8}\ \Phi_{111}^{9}\ \Phi_{74}^{8}\ \Phi_{37}^{8}$
139859	1800	1074	$\frac{5}{179}$	$\frac{29}{179}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1074}^{2}\ \Phi_{537}\ \Phi_{358}^{2}\ \Phi_{179}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
139860	1800	1302	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1302}^{2}\ \Phi_{651}\ \Phi_{434}^{2}\ \Phi_{217}^{2}$
139861	1800	1074	$\frac{8}{179}$	$\frac{19}{179}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1074}^{2}\ \Phi_{537}\ \Phi_{358}^{2}\ \Phi_{179}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
139862	1800	210	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{210}^{10}\ \Phi_{105}^{10}\ \Phi_{70}^{10}\ \Phi_{42}^{4}\ \Phi_{35}^{10}\ \Phi_{30}^{7}\ \Phi_{21}^{6}\ \Phi_{15}^{7}\ \Phi_{14}^{4}\ \Phi_{10}^{6}\ \Phi_{7}^{6}\ \Phi_{6}^{3}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
139863	1800	1074	$\frac{9}{179}$	$\frac{17}{179}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1074}^{2}\ \Phi_{537}\ \Phi_{358}^{2}\ \Phi_{179}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
139864	1800	1254	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1254}^{2}\ \Phi_{627}\ \Phi_{418}^{2}\ \Phi_{209}^{2}$
139865	1800	1074	$\frac{11}{179}$	$\frac{14}{179}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1074}^{2}\ \Phi_{537}\ \Phi_{358}^{2}\ \Phi_{179}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
139866	1800	624	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{624}^{3}\ \Phi_{312}^{3}\ \Phi_{208}^{4}\ \Phi_{156}^{3}\ \Phi_{104}^{4}\ \Phi_{78}\ \Phi_{52}^{4}\ \Phi_{39}^{2}\ \Phi_{26}^{2}\ \Phi_{13}^{2}$
139867	1800	3129	$\frac{5}{149}$	$\frac{1}{7}$	$\frac{24}{149}$	$\frac{1}{3}$	$\Phi_{3129}\ \Phi_{21}^{2}$
139868	1800	2703	$\frac{31}{901}$	$\frac{126}{901}$	$\frac{145}{901}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
139869	1800	2937	$\frac{5}{89}$	$\frac{1}{11}$	$\frac{14}{89}$	$\frac{1}{3}$	$\Phi_{2937}\ \Phi_{33}^2$
139870	1800	2703	$\frac{55}{901}$	$\frac{76}{901}$	$\frac{141}{901}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139871	1800	1917	$\frac{5}{71}$	$\frac{2}{27}$	$\frac{11}{71}$	$\frac{1}{3}$	$\Phi_{1917}\ \Phi_{639}\ \Phi_{71}\ \Phi_{27}^2\ \Phi_{9}^2\ \Phi_{1}^2$
139872	1800	2832	$\frac{1}{16}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{1}{3}$	$\Phi_{2832}\ \Phi_{1416}\ \Phi_{708}\ \Phi_{354}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
139873	1800	159	$\frac{3}{53}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{3}$	$\Phi_{159}^{17}\ \Phi_{3}^{16}$
139874	1800	546	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{546}^5\ \Phi_{273}^5\ \Phi_{78}^6\ \Phi_{42}^5\ \Phi_{39}^6\ \Phi_{6}^6$
139875	1800	1596	$\frac{1}{19}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1596}^2\ \Phi_{798}^2\ \Phi_{399}\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{57}^2$
139876	1800	3129	$\frac{9}{149}$	$\frac{14}{149}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{3129}\ \Phi_{21}^2$
139877	1800	3696	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{3696}\ \Phi_{1848}\ \Phi_{924}\ \Phi_{462}$
139878	1800	2457	$\frac{2}{27}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2457}\ \Phi_{819}\ \Phi_{91}$
139879	1800	2310	$\frac{2}{33}$	$\frac{1}{10}$	$\frac{31}{231}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{385}\ \Phi_{210}\ \Phi_{154}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{14}\ \Phi_{6}$
139880	1800	1917	$\frac{2}{27}$	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{3}$	$\Phi_{1917}\ \Phi_{639}\ \Phi_{71}\ \Phi_{27}^2\ \Phi_{9}^2\ \Phi_{1}^2$
139881	1800	270	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{270}^8\ \Phi_{135}^8\ \Phi_{90}^6\ \Phi_{54}^8\ \Phi_{45}^6\ \Phi_{30}^7\ \Phi_{18}^6\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_{6}^7\ \Phi_{5}^6\ \Phi_{2}^6$
139882	1800	2937	$\frac{8}{89}$	$\frac{1}{11}$	$\frac{9}{89}$	$\frac{1}{3}$	$\Phi_{2937}\ \Phi_{33}^2$
139883	1800	2703	$\frac{81}{901}$	$\frac{82}{901}$	$\frac{91}{901}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{51}$
139884	1800	330	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{3}$	$\Phi_{330}^9\ \Phi_{165}^9\ \Phi_{66}^9\ \Phi_{30}^{10}\ \Phi_{15}^{10}\ \Phi_{6}^{10}$
139885	1800	1639	$\frac{2}{149}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{49}{149}$	$\Phi_{1639}\ \Phi_{149}^2\ \Phi_{11}^2\ \Phi_{1}^4$
139886	1800	2980	$\frac{2}{149}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{49}{149}$	$\Phi_{2980}\ \Phi_{1490}\ \Phi_{20}^2\ \Phi_{10}^2$
139887	1800	1799	$\frac{26}{1799}$	$\frac{302}{1799}$	$\frac{499}{1799}$	$\frac{591}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
139888	1800	2255	$\frac{7}{451}$	$\frac{1}{5}$	$\frac{101}{451}$	$\frac{148}{451}$	$\Phi_{2255}\ \Phi_{205}\ \Phi_{55}$
139889	1800	1799	$\frac{29}{1799}$	$\frac{349}{1799}$	$\frac{403}{1799}$	$\frac{590}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
139890	1800	2404	$\frac{10}{601}$	$\frac{101}{601}$	$\frac{1}{4}$	$\frac{197}{601}$	$\Phi_{2404}\ \Phi_{1202}$
139891	1800	119	$\frac{2}{119}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{39}{119}$	$\Phi_{119}^{15}\ \Phi_{17}^{15}\ \Phi_{7}^{17}\ \Phi_{1}^{18}$
139892	1800	1428	$\frac{2}{119}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{39}{119}$	$\Phi_{1428}^2\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{204}^2\ \Phi_{119}\ \Phi_{102}\ \Phi_{84}^2\ \Phi_{68}\ \Phi_{51}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{17}\ \Phi_{12}^4\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
139893	1800	1799	$\frac{32}{1799}$	$\frac{242}{1799}$	$\frac{519}{1799}$	$\frac{589}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
139894	1800	2166	$\frac{7}{361}$	$\frac{1}{6}$	$\frac{81}{361}$	$\frac{118}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
139895	1800	1799	$\frac{38}{1799}$	$\frac{279}{1799}$	$\frac{404}{1799}$	$\frac{587}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
139896	1800	2404	$\frac{13}{601}$	$\frac{81}{601}$	$\frac{1}{4}$	$\frac{196}{601}$	$\Phi_{2404}\ \Phi_{1202}$
139897	1800	1691	$\frac{2}{89}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{29}{89}$	$\Phi_{1691}\ \Phi_{89}^2\ \Phi_{19}^2\ \Phi_{1}^4$
139898	1800	2670	$\frac{2}{89}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{29}{89}$	$\Phi_{2670}\ \Phi_{1335}\ \Phi_{890}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
139899	1800	903	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{29}{129}$	$\frac{14}{43}$	$\Phi_{903}^3\ \Phi_{301}\ \Phi_{21}^3$
139900	1800	1799	$\frac{47}{1799}$	$\frac{243}{1799}$	$\frac{389}{1799}$	$\frac{584}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
139901	1800	851	$\frac{1}{37}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{12}{37}$	$\Phi_{851}^2\ \Phi_{37}^4\ \Phi_{23}^3\ \Phi_{1}^6$
139902	1800	1332	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{12}{37}$	$\Phi_{1332}^2\ \Phi_{666}^2\ \Phi_{444}^2\ \Phi_{222}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{6}^3$
139903	1800	851	$\frac{1}{37}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{12}{37}$	$\Phi_{851}^2\ \Phi_{37}^4\ \Phi_{23}^3\ \Phi_{1}^6$
139904	1800	1295	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{12}{37}$	$\Phi_{1295}^2\ \Phi_{35}^3$
139905	1800	2166	$\frac{10}{361}$	$\frac{1}{6}$	$\frac{61}{361}$	$\frac{117}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
139906	1800	1799	$\frac{50}{1799}$	$\frac{152}{1799}$	$\frac{549}{1799}$	$\frac{583}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
139907	1800	1799	$\frac{50}{1799}$	$\frac{299}{1799}$	$\frac{304}{1799}$	$\frac{583}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
139908	1800	2556	$\frac{2}{71}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{23}{71}$	$\Phi_{2556}\ \Phi_{1278}\ \Phi_{639}\ \Phi_{71}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
139909	1800	1988	$\frac{2}{71}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{23}{71}$	$\Phi_{1988}\ \Phi_{994}\ \Phi_{497}\ \Phi_{71}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
139910	1800	2272	$\frac{2}{71}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{23}{71}$	$\Phi_{2272}\ \Phi_{1136}\ \Phi_{71}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_1^2$
139911	1800	426	$\frac{2}{71}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{23}{71}$	$\Phi_{426}^4\ \Phi_{213}^4\ \Phi_{142}^4\ \Phi_{71}^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
139912	1800	2255	$\frac{13}{451}$	$\frac{61}{451}$	$\frac{1}{5}$	$\frac{146}{451}$	$\Phi_{2255}\ \Phi_{205}\ \Phi_{55}$
139913	1800	2034	$\frac{7}{226}$	$\frac{1}{9}$	$\frac{51}{226}$	$\frac{73}{226}$	$\Phi_{2034}\ \Phi_{1017}\ \Phi_{678}\ \Phi_{339}\ \Phi_{18}\ \Phi_6$
139914	1800	257	$\frac{8}{257}$	$\frac{29}{257}$	$\frac{57}{257}$	$\frac{83}{257}$	$\Phi_{257}^7\ \Phi_1^8$
139915	1800	301	$\frac{10}{301}$	$\frac{1}{7}$	$\frac{51}{301}$	$\frac{97}{301}$	$\Phi_{301}^6\ \Phi_{43}^6\ \Phi_7^5\ \Phi_1^6$
139916	1800	1711	$\frac{2}{59}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{19}{59}$	$\Phi_{1711}\ \Phi_{59}^2\ \Phi_{29}^2\ \Phi_1^4$
139917	1800	2596	$\frac{2}{59}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{19}{59}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{44}^2\ \Phi_{22}^2$
139918	1800	1711	$\frac{2}{59}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{19}{59}$	$\Phi_{1711}\ \Phi_{59}^2\ \Phi_{29}^2\ \Phi_1^4$
139919	1800	2478	$\frac{2}{59}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{19}{59}$	$\Phi_{2478}\ \Phi_{1239}\ \Phi_{826}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
139920	1800	1799	$\frac{62}{1799}$	$\frac{122}{1799}$	$\frac{559}{1799}$	$\frac{579}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139921	1800	1799	$\frac{62}{1799}$	$\frac{244}{1799}$	$\frac{311}{1799}$	$\frac{579}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139922	1800	1799	$\frac{62}{1799}$	$\frac{249}{1799}$	$\frac{305}{1799}$	$\frac{579}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139923	1800	2255	$\frac{16}{451}$	$\frac{51}{451}$	$\frac{1}{5}$	$\frac{145}{451}$	$\Phi_{2255}\ \Phi_{205}\ \Phi_{55}$
139924	1800	2166	$\frac{13}{361}$	$\frac{49}{361}$	$\frac{1}{6}$	$\frac{116}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
139925	1800	1799	$\frac{65}{1799}$	$\frac{174}{1799}$	$\frac{407}{1799}$	$\frac{578}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139926	1800	2404	$\frac{22}{601}$	$\frac{51}{601}$	$\frac{1}{4}$	$\frac{193}{601}$	$\Phi_{2404}\ \Phi_{1202}$
139927	1800	1991	$\frac{7}{181}$	$\frac{1}{11}$	$\frac{41}{181}$	$\frac{58}{181}$	Φ_{1991}
139928	1800	147	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{47}{147}$	$\Phi_{147}^{18}\ \Phi_{21}^{18}\ \Phi_7^5\ \Phi_3^{18}\ \Phi_1^6$
139929	1800	1799	$\frac{74}{1799}$	$\frac{204}{1799}$	$\frac{319}{1799}$	$\frac{575}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139930	1800	257	$\frac{11}{257}$	$\frac{35}{257}$	$\frac{37}{257}$	$\frac{82}{257}$	$\Phi_{257}^7\ \Phi_1^8$
139931	1800	301	$\frac{13}{301}$	$\frac{41}{301}$	$\frac{1}{7}$	$\frac{96}{301}$	$\Phi_{301}^6\ \Phi_{43}^6\ \Phi_7^5\ \Phi_1^6$
139932	1800	2166	$\frac{16}{361}$	$\frac{41}{361}$	$\frac{1}{6}$	$\frac{115}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
139933	1800	286	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{7}{22}$	$\Phi_{286}^6\ \Phi_{143}^6\ \Phi_{26}^6\ \Phi_{22}^8\ \Phi_{13}^9\ \Phi_{11}^8\ \Phi_2^8\ \Phi_1^{12}$
139934	1800	110	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{7}{22}$	$\Phi_{110}^{20}\ \Phi_{55}^{21}\ \Phi_{10}^{20}\ \Phi_5^{20}$
139935	1800	858	$\frac{1}{22}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{7}{22}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{78}^2\ \Phi_{66}^2\ \Phi_{39}^3\ \Phi_{33}^2\ \Phi_{26}^2\ \Phi_{22}^4\ \Phi_{13}^3\ \Phi_{11}^4\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
139936	1800	198	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{7}{22}$	$\Phi_{198}^{10}\ \Phi_{99}^{10}\ \Phi_{66}^6\ \Phi_{33}^6\ \Phi_{22}^8\ \Phi_{18}^{13}\ \Phi_{11}^8\ \Phi_9^{12}\ \Phi_6^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
139937	1800	1799	$\frac{83}{1799}$	$\frac{139}{1799}$	$\frac{409}{1799}$	$\frac{572}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139938	1800	2404	$\frac{28}{601}$	$\frac{41}{601}$	$\frac{1}{4}$	$\frac{191}{601}$	$\Phi_{2404}\ \Phi_{1202}$
139939	1800	410	$\frac{2}{41}$	$\frac{7}{82}$	$\frac{1}{5}$	$\frac{13}{41}$	$\Phi_{410}^6\ \Phi_{205}^5\ \Phi_{10}^6\ \Phi_5^4$
139940	1800	1799	$\frac{92}{1799}$	$\frac{123}{1799}$	$\frac{419}{1799}$	$\frac{569}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
139941	1800	798	$\frac{1}{19}$	$\frac{13}{133}$	$\frac{1}{6}$	$\frac{6}{19}$	$\Phi_{798}^3\ \Phi_{399}^3\ \Phi_{266}^3\ \Phi_{114}\ \Phi_{57}\ \Phi_{42}^3\ \Phi_{38}\ \Phi_{21}^3\ \Phi_{14}^3$
139942	1800	257	$\frac{14}{257}$	$\frac{22}{257}$	$\frac{47}{257}$	$\frac{81}{257}$	$\Phi_{257}^7\ \Phi_1^8$
139943	1800	1991	$\frac{10}{181}$	$\frac{1}{11}$	$\frac{31}{181}$	$\frac{57}{181}$	Φ_{1991}
139944	1800	245	$\frac{2}{35}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{11}{35}$	$\Phi_{245}^7\ \Phi_{49}^8\ \Phi_{35}^8\ \Phi_7^9\ \Phi_5^8\ \Phi_1^{10}$
139945	1800	2310	$\frac{2}{35}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{11}{35}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{165}\ \Phi_{154}\ \Phi_{110}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
139946	1800	140	$\frac{2}{35}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{11}{35}$	$\Phi_{140}^{14}\ \Phi_{70}^{14}\ \Phi_{35}^{8}\ \Phi_{28}^{16}\ \Phi_{20}^{14}\ \Phi_{14}^{16}\ \Phi_{10}^{14}\ \Phi_{7}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{10}$
139947	1800	2034	$\frac{13}{226}$	$\frac{1}{9}$	$\frac{31}{226}$	$\frac{71}{226}$	$\Phi_{2034}\ \Phi_{1017}\ \Phi_{678}\ \Phi_{339}\ \Phi_{18}\ \Phi_{6}$
139948	1800	1799	$\frac{107}{1799}$	$\frac{194}{1799}$	$\frac{247}{1799}$	$\frac{564}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139949	1800	2166	$\frac{22}{361}$	$\frac{31}{361}$	$\frac{1}{6}$	$\frac{113}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
139950	1800	1799	$\frac{110}{1799}$	$\frac{149}{1799}$	$\frac{309}{1799}$	$\frac{563}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139951	1800	2255	$\frac{28}{451}$	$\frac{31}{451}$	$\frac{1}{5}$	$\frac{141}{451}$	$\Phi_{2255}\ \Phi_{205}\ \Phi_{55}$
139952	1800	1799	$\frac{122}{1799}$	$\frac{124}{1799}$	$\frac{335}{1799}$	$\frac{559}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139953	1800	2436	$\frac{1}{21}$	$\frac{2}{29}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{812}\ \Phi_{406}\ \Phi_{348}\ \Phi_{174}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
139954	1800	1711	$\frac{3}{59}$	$\frac{2}{29}$	$\frac{14}{59}$	$\frac{9}{29}$	$\Phi_{1711}\ \Phi_{59}^{2}\ \Phi_{29}^{2}\ \Phi_{1}^{4}$
139955	1800	2320	$\frac{1}{16}$	$\frac{2}{29}$	$\frac{1}{5}$	$\frac{9}{29}$	$\Phi_{2320}\ \Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
139956	1800	1711	$\frac{4}{59}$	$\frac{2}{29}$	$\frac{11}{59}$	$\frac{9}{29}$	$\Phi_{1711}\ \Phi_{59}^{2}\ \Phi_{29}^{2}\ \Phi_{1}^{4}$
139957	1800	2262	$\frac{2}{29}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{9}{29}$	$\Phi_{2262}\ \Phi_{1131}\ \Phi_{754}\ \Phi_{78}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{2}$
139958	1800	1711	$\frac{2}{29}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{9}{29}$	$\Phi_{1711}\ \Phi_{59}^{2}\ \Phi_{29}^{2}\ \Phi_{1}^{4}$
139959	1800	2233	$\frac{2}{29}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{9}{29}$	$\Phi_{2233}\ \Phi_{77}^{2}$
139960	1800	1991	$\frac{13}{181}$	$\frac{1}{11}$	$\frac{25}{181}$	$\frac{56}{181}$	Φ_{1991}
139961	1800	1799	$\frac{83}{1799}$	$\frac{137}{1799}$	$\frac{429}{1799}$	$\frac{554}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139962	1800	1799	$\frac{137}{1799}$	$\frac{155}{1799}$	$\frac{249}{1799}$	$\frac{554}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139963	1800	273	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{273}^{7}\ \Phi_{91}^{7}\ \Phi_{39}^{7}\ \Phi_{21}^{6}\ \Phi_{7}^{6}\ \Phi_{3}^{6}$
139964	1800	2166	$\frac{25}{361}$	$\frac{28}{361}$	$\frac{1}{6}$	$\frac{111}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
139965	1800	1799	$\frac{104}{1799}$	$\frac{146}{1799}$	$\frac{339}{1799}$	$\frac{551}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139966	1800	1936	$\frac{1}{16}$	$\frac{10}{121}$	$\frac{21}{121}$	$\frac{37}{121}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
139967	1800	900	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{900}^{3}\ \Phi_{450}^{3}\ \Phi_{225}^{3}\ \Phi_{180}^{3}\ \Phi_{100}\ \Phi_{90}^{3}\ \Phi_{50}\ \Phi_{45}^{3}\ \Phi_{20}\ \Phi_{10}$
139968	1800	2556	$\frac{3}{71}$	$\frac{1}{12}$	$\frac{17}{71}$	$\frac{11}{36}$	$\Phi_{2556}\ \Phi_{1278}\ \Phi_{639}\ \Phi_{71}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
139969	1800	3420	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{3420}\ \Phi_{1710}\ \Phi_{855}\ \Phi_{95}$
139970	1800	2556	$\frac{5}{71}$	$\frac{1}{12}$	$\frac{11}{71}$	$\frac{11}{36}$	$\Phi_{2556}\ \Phi_{1278}\ \Phi_{639}\ \Phi_{71}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
139971	1800	3276	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{36}$	$\Phi_{3276}\ \Phi_{1638}\ \Phi_{819}\ \Phi_{91}$
139972	1800	2556	$\frac{1}{12}$	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{11}{36}$	$\Phi_{2556}\ \Phi_{1278}\ \Phi_{639}\ \Phi_{71}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
139973	1800	180	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{11}{36}$	$\Phi_{180}^{10}\ \Phi_{90}^{11}\ \Phi_{60}^{12}\ \Phi_{45}^{11}\ \Phi_{36}^{5}\ \Phi_{30}^{13}\ \Phi_{20}^{12}\ \Phi_{18}^{6}\ \Phi_{15}^{13}\ \Phi_{12}^{6}\ \Phi_{10}^{12}\ \Phi_{9}^{5}\ \Phi_{6}^{7}\ \Phi_{5}^{12}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
139974	1800	1799	$\frac{125}{1799}$	$\frac{152}{1799}$	$\frac{279}{1799}$	$\frac{549}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139975	1800	1963	$\frac{1}{13}$	$\frac{13}{151}$	$\frac{21}{151}$	$\frac{46}{151}$	Φ_{1963}
139976	1800	1196	$\frac{1}{26}$	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{1196}^{2}\ \Phi_{598}\ \Phi_{299}\ \Phi_{92}\ \Phi_{52}^{4}\ \Phi_{26}^{2}\ \Phi_{23}\ \Phi_{13}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
139977	1800	851	$\frac{2}{37}$	$\frac{2}{23}$	$\frac{7}{37}$	$\frac{7}{23}$	$\Phi_{851}^{2}\ \Phi_{37}^{4}\ \Phi_{23}^{3}\ \Phi_{1}^{6}$
139978	1800	1104	$\frac{1}{16}$	$\frac{2}{23}$	$\frac{1}{6}$	$\frac{7}{23}$	$\Phi_{1104}^{2}\ \Phi_{552}^{2}\ \Phi_{368}\ \Phi_{276}^{2}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{48}^{4}\ \Phi_{24}^{4}\ \Phi_{23}\ \Phi_{16}^{2}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
139979	1800	1991	$\frac{16}{181}$	$\frac{1}{11}$	$\frac{21}{181}$	$\frac{55}{181}$	Φ_{1991}
139980	1800	1799	$\frac{159}{1799}$	$\frac{164}{1799}$	$\frac{209}{1799}$	$\frac{545}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139981	1800	1799	$\frac{129}{1799}$	$\frac{167}{1799}$	$\frac{251}{1799}$	$\frac{544}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139982	1800	301	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{1}{7}$	$\frac{13}{43}$	$\Phi_{301}^{7}\ \Phi_{7}^{6}$
139983	1800	2166	$\frac{21}{361}$	$\frac{34}{361}$	$\frac{1}{6}$	$\frac{109}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
139984	1800	1799	$\frac{99}{1799}$	$\frac{170}{1799}$	$\frac{314}{1799}$	$\frac{543}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139985	1800	2255	$\frac{21}{451}$	$\frac{43}{451}$	$\frac{1}{5}$	$\frac{136}{451}$	$\Phi_{2255}\ \Phi_{205}\ \Phi_{55}$
139986	1800	1898	$\frac{1}{26}$	$\frac{7}{73}$	$\frac{17}{73}$	$\frac{22}{73}$	$\Phi_{1898}\ \Phi_{949}\ \Phi_{146}$
139987	1800	1799	$\frac{69}{1799}$	$\frac{173}{1799}$	$\frac{419}{1799}$	$\frac{542}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139988	1800	2404	$\frac{21}{601}$	$\frac{58}{601}$	$\frac{1}{4}$	$\frac{181}{601}$	$\Phi_{2404}\ \Phi_{1202}$
139989	1800	257	$\frac{12}{257}$	$\frac{26}{257}$	$\frac{49}{257}$	$\frac{77}{257}$	$\Phi_{257}^{7}\ \Phi_{1}^{8}$
139990	1800	114	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{6}$	$\frac{17}{57}$	$\Phi_{114}^{19}\ \Phi_{57}^{10}\ \Phi_{38}^{19}\ \Phi_{19}^{18}\ \Phi_{6}^{18}\ \Phi_{3}^{9}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
139991	1800	1936	$\frac{1}{16}$	$\frac{13}{121}$	$\frac{17}{121}$	$\frac{36}{121}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
139992	1800	561	$\frac{1}{33}$	$\frac{2}{17}$	$\frac{8}{33}$	$\frac{5}{17}$	$\Phi_{561}^{3}\ \Phi_{187}^{3}\ \Phi_{51}^{3}\ \Phi_{33}^{6}\ \Phi_{17}^{4}\ \Phi_{11}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
139993	1800	2210	$\frac{1}{26}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{2210}\ \Phi_{1105}\ \Phi_{170}\ \Phi_{130}^{2}\ \Phi_{65}^{2}\ \Phi_{10}^{2}$
139994	1800	1683	$\frac{4}{99}$	$\frac{2}{17}$	$\frac{19}{99}$	$\frac{5}{17}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}\ \Phi_{99}^{2}\ \Phi_{51}\ \Phi_{33}^{2}\ \Phi_{17}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
139995	1800	714	$\frac{1}{21}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{714}^{3}\ \Phi_{357}^{2}\ \Phi_{238}^{3}\ \Phi_{119}^{2}\ \Phi_{102}^{2}\ \Phi_{51}\ \Phi_{42}^{6}\ \Phi_{34}^{2}\ \Phi_{21}^{4}\ \Phi_{17}^{2}\ \Phi_{14}^{6}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
139996	1800	459	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{459}^{4}\ \Phi_{153}^{3}\ \Phi_{51}^{3}\ \Phi_{27}^{8}\ \Phi_{17}^{4}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
139997	1800	187	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{187}^{9}\ \Phi_{17}^{10}\ \Phi_{11}^{18}\ \Phi_{1}^{20}$
139998	1800	1799	$\frac{103}{1799}$	$\frac{212}{1799}$	$\frac{254}{1799}$	$\frac{529}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
139999	1800	2166	$\frac{17}{361}$	$\frac{43}{361}$	$\frac{1}{6}$	$\frac{106}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
140000	1800	1799	$\frac{55}{1799}$	$\frac{218}{1799}$	$\frac{424}{1799}$	$\frac{527}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
140001	1800	2404	$\frac{17}{601}$	$\frac{73}{601}$	$\frac{1}{4}$	$\frac{176}{601}$	$\Phi_{2404}\ \Phi_{1202}$
140002	1800	1799	$\frac{51}{1799}$	$\frac{227}{1799}$	$\frac{437}{1799}$	$\frac{524}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
140003	1800	1799	$\frac{64}{1799}$	$\frac{242}{1799}$	$\frac{347}{1799}$	$\frac{519}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
140004	1800	1898	$\frac{1}{26}$	$\frac{10}{73}$	$\frac{13}{73}$	$\frac{21}{73}$	$\Phi_{1898}\ \Phi_{949}\ \Phi_{146}$
140005	1800	1148	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{1148}^{2}\ \Phi_{574}^{2}\ \Phi_{164}^{3}\ \Phi_{82}^{3}$
140006	1800	119	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{29}{119}$	$\frac{2}{7}$	$\Phi_{119}^{15}\ \Phi_{17}^{15}\ \Phi_{7}^{17}\ \Phi_{1}^{18}$
140007	1800	1085	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{1085}^{2}\ \Phi_{155}^{3}$
140008	1800	119	$\frac{4}{119}$	$\frac{1}{7}$	$\frac{23}{119}$	$\frac{2}{7}$	$\Phi_{119}^{15}\ \Phi_{17}^{15}\ \Phi_{7}^{17}\ \Phi_{1}^{18}$
140009	1800	1050	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{1050}^{2}\ \Phi_{525}^{2}\ \Phi_{350}^{2}\ \Phi_{210}^{2}\ \Phi_{150}^{3}\ \Phi_{105}^{2}\ \Phi_{75}^{3}\ \Phi_{70}^{2}\ \Phi_{50}^{3}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{3}$
140010	1800	119	$\frac{5}{119}$	$\frac{1}{7}$	$\frac{19}{119}$	$\frac{2}{7}$	$\Phi_{119}^{15}\ \Phi_{17}^{15}\ \Phi_{7}^{17}\ \Phi_{1}^{18}$
140011	1800	21	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{21}^{90}\ \Phi_{7}^{77}\ \Phi_{3}^{90}\ \Phi_{1}^{78}$
140012	1800	119	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{119}^{14}\ \Phi_{17}^{21}\ \Phi_{7}^{16}\ \Phi_{1}^{24}$
140013	1800	1008	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{252}^{2}\ \Phi_{168}^{2}\ \Phi_{144}^{3}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{72}^{3}\ \Phi_{48}^{3}\ \Phi_{42}^{2}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
140014	1800	308	$\frac{5}{77}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{308}^{7}\ \Phi_{154}^{7}\ \Phi_{77}^{4}\ \Phi_{44}^{7}\ \Phi_{28}^{2}\ \Phi_{22}^{7}\ \Phi_{14}^{2}\ \Phi_{11}^{4}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
140015	1800	119	$\frac{9}{119}$	$\frac{11}{119}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{119}^{15}\ \Phi_{17}^{15}\ \Phi_{7}^{17}\ \Phi_{1}^{18}$
140016	1800	1001	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{1001}^{2}\ \Phi_{143}^{3}$
140017	1800	1799	$\frac{43}{1799}$	$\frac{272}{1799}$	$\frac{439}{1799}$	$\frac{509}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
140018	1800	1799	$\frac{129}{1799}$	$\frac{167}{1799}$	$\frac{272}{1799}$	$\frac{509}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
140019	1800	1886	$\frac{1}{41}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{1886}\ \Phi_{943}\ \Phi_{82}$
140020	1800	1991	$\frac{13}{181}$	$\frac{1}{11}$	$\frac{28}{181}$	$\frac{51}{181}$	Φ_{1991}
140021	1800	257	$\frac{11}{257}$	$\frac{37}{257}$	$\frac{41}{257}$	$\frac{72}{257}$	$\Phi_{257}^{7}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
140022	1800	2166	$\frac{13}{361}$	$\frac{58}{361}$	$\frac{1}{6}$	$\frac{101}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
140023	1800	1799	$\frac{54}{1799}$	$\frac{290}{1799}$	$\frac{349}{1799}$	$\frac{503}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
140024	1800	1799	$\frac{59}{1799}$	$\frac{290}{1799}$	$\frac{324}{1799}$	$\frac{503}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
140025	1800	2255	$\frac{13}{451}$	$\frac{73}{451}$	$\frac{1}{5}$	$\frac{126}{451}$	$\Phi_{2255}\ \Phi_{205}\ \Phi_{55}$
140026	1800	1891	$\frac{1}{31}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	Φ_{1891}
140027	1800	1799	$\frac{65}{1799}$	$\frac{289}{1799}$	$\frac{302}{1799}$	$\frac{499}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
140028	1800	1900	$\frac{1}{25}$	$\frac{11}{76}$	$\frac{13}{76}$	$\frac{21}{76}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{475}\ \Phi_{380}\ \Phi_{190}\ \Phi_{100}\ \Phi_{95}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
140029	1800	273	$\frac{1}{21}$	$\frac{11}{91}$	$\frac{16}{91}$	$\frac{25}{91}$	$\Phi_{273}^7\ \Phi_{91}^6\ \Phi_{39}^7\ \Phi_{21}^6\ \Phi_{13}^6\ \Phi_{7}^5\ \Phi_{3}^6\ \Phi_{1}^6$
140030	1800	1799	$\frac{87}{1799}$	$\frac{214}{1799}$	$\frac{317}{1799}$	$\frac{494}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
140031	1800	1799	$\frac{109}{1799}$	$\frac{169}{1799}$	$\frac{326}{1799}$	$\frac{491}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
140032	1800	2244	$\frac{1}{51}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{374}\ \Phi_{204}^2\ \Phi_{132}\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{66}\ \Phi_{34}^2\ \Phi_{12}^2\ \Phi_{6}^2$
140033	1800	1639	$\frac{4}{149}$	$\frac{2}{11}$	$\frac{29}{149}$	$\frac{3}{11}$	$\Phi_{1639}\ \Phi_{149}^2\ \Phi_{11}^2\ \Phi_{1}^4$
140034	1800	2046	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{2046}\ \Phi_{1023}\ \Phi_{682}\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{62}^2$
140035	1800	1639	$\frac{5}{149}$	$\frac{24}{149}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1639}\ \Phi_{149}^2\ \Phi_{11}^2\ \Phi_{1}^4$
140036	1800	2002	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{2002}\ \Phi_{1001}\ \Phi_{182}^2\ \Phi_{154}\ \Phi_{91}^2\ \Phi_{14}^2$
140037	1800	1639	$\frac{9}{149}$	$\frac{14}{149}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1639}\ \Phi_{149}^2\ \Phi_{11}^2\ \Phi_{1}^4$
140038	1800	176	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{176}^{11}\ \Phi_{88}^{11}\ \Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_{16}^{10}\ \Phi_{8}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}$
140039	1800	1799	$\frac{131}{1799}$	$\frac{139}{1799}$	$\frac{332}{1799}$	$\frac{489}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
140040	1800	1963	$\frac{11}{151}$	$\frac{1}{13}$	$\frac{28}{151}$	$\frac{41}{151}$	Φ_{1963}
140041	1800	1991	$\frac{11}{181}$	$\frac{1}{11}$	$\frac{34}{181}$	$\frac{49}{181}$	Φ_{1991}
140042	1800	1799	$\frac{109}{1799}$	$\frac{164}{1799}$	$\frac{338}{1799}$	$\frac{487}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
140043	1800	1887	$\frac{1}{51}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{1887}\ \Phi_{629}\ \Phi_{111}$
140044	1800	2034	$\frac{11}{226}$	$\frac{1}{9}$	$\frac{43}{226}$	$\frac{61}{226}$	$\Phi_{2034}\ \Phi_{1017}\ \Phi_{678}\ \Phi_{339}\ \Phi_{18}\ \Phi_{6}$
140045	1800	1799	$\frac{79}{1799}$	$\frac{219}{1799}$	$\frac{344}{1799}$	$\frac{485}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
140046	1800	301	$\frac{11}{301}$	$\frac{1}{7}$	$\frac{58}{301}$	$\frac{81}{301}$	$\Phi_{301}^6\ \Phi_{43}^6\ \Phi_{7}^5\ \Phi_{1}^6$
140047	1800	1799	$\frac{64}{1799}$	$\frac{263}{1799}$	$\frac{347}{1799}$	$\frac{484}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
140048	1800	2166	$\frac{11}{361}$	$\frac{1}{6}$	$\frac{70}{361}$	$\frac{97}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
140049	1800	257	$\frac{7}{257}$	$\frac{47}{257}$	$\frac{50}{257}$	$\frac{69}{257}$	$\Phi_{257}^7\ \Phi_{1}^8$
140050	1800	205	$\frac{1}{41}$	$\frac{8}{41}$	$\frac{1}{5}$	$\frac{11}{41}$	$\Phi_{205}^{11}\ \Phi_{5}^{10}$
140051	1800	1799	$\frac{34}{1799}$	$\frac{353}{1799}$	$\frac{439}{1799}$	$\frac{482}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
140052	1800	2404	$\frac{11}{601}$	$\frac{118}{601}$	$\frac{1}{4}$	$\frac{161}{601}$	$\Phi_{2404}\ \Phi_{1202}$
140053	1800	1799	$\frac{44}{1799}$	$\frac{351}{1799}$	$\frac{362}{1799}$	$\frac{479}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
140054	1800	1799	$\frac{53}{1799}$	$\frac{291}{1799}$	$\frac{377}{1799}$	$\frac{474}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
140055	1800	1891	$\frac{1}{31}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	Φ_{1891}
140056	1800	1898	$\frac{1}{26}$	$\frac{9}{73}$	$\frac{16}{73}$	$\frac{19}{73}$	$\Phi_{1898}\ \Phi_{949}\ \Phi_{146}$
140057	1800	1799	$\frac{89}{1799}$	$\frac{171}{1799}$	$\frac{407}{1799}$	$\frac{464}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
140058	1800	1936	$\frac{1}{16}$	$\frac{9}{121}$	$\frac{28}{121}$	$\frac{31}{121}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
140059	1800	1799	$\frac{111}{1799}$	$\frac{134}{1799}$	$\frac{422}{1799}$	$\frac{459}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
140060	1800	1991	$\frac{9}{181}$	$\frac{1}{11}$	$\frac{43}{181}$	$\frac{46}{181}$	Φ_{1991}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
140061	1800	670	$\frac{3}{67}$	$\frac{1}{10}$	$\frac{16}{67}$	$\frac{17}{67}$	$\Phi_{670}^3\ \Phi_{335}^3\ \Phi_{134}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2$
140062	1800	257	$\frac{9}{257}$	$\frac{32}{257}$	$\frac{62}{257}$	$\frac{65}{257}$	$\Phi_{257}^7\ \Phi_1^8$
140063	1800	301	$\frac{9}{301}$	$\frac{1}{7}$	$\frac{73}{301}$	$\frac{76}{301}$	$\Phi_{301}^6\ \Phi_{43}^6\ \Phi_7^5\ \Phi_1^6$
140064	1800	1799	$\frac{51}{1799}$	$\frac{269}{1799}$	$\frac{437}{1799}$	$\frac{454}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
140065	1800	2166	$\frac{9}{361}$	$\frac{1}{6}$	$\frac{88}{361}$	$\frac{91}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
140066	1800	1799	$\frac{27}{1799}$	$\frac{443}{1799}$	$\frac{449}{1799}$	$\frac{452}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_7\ \Phi_1^2$
140067	1800	2404	$\frac{9}{601}$	$\frac{148}{601}$	$\frac{1}{4}$	$\frac{151}{601}$	$\Phi_{2404}\ \Phi_{1202}$
140068	1800	796	$\frac{3}{199}$	$\frac{49}{199}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{796}^2\ \Phi_{398}^2\ \Phi_{199}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
140069	1800	1020	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^3\ \Phi_{170}^2\ \Phi_{85}^3\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^3$
140070	1800	796	$\frac{4}{199}$	$\frac{39}{199}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{796}^2\ \Phi_{398}^2\ \Phi_{199}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
140071	1800	492	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{492}^4\ \Phi_{246}^5\ \Phi_{164}^2\ \Phi_{123}^5\ \Phi_{82}^3\ \Phi_{41}^2$
140072	1800	796	$\frac{7}{199}$	$\frac{24}{199}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{796}^2\ \Phi_{398}^2\ \Phi_{199}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
140073	1800	468	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{468}^4\ \Phi_{234}^5\ \Phi_{156}^4\ \Phi_{117}^5\ \Phi_{78}^5\ \Phi_{39}^5\ \Phi_{36}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
140074	1800	700	$\frac{1}{25}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{700}^3\ \Phi_{350}^3\ \Phi_{175}^3\ \Phi_{140}^3\ \Phi_{100}\ \Phi_{70}^3\ \Phi_{50}\ \Phi_{35}^3\ \Phi_{20}\ \Phi_{10}$
140075	1800	796	$\frac{9}{199}$	$\frac{19}{199}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{796}^2\ \Phi_{398}^2\ \Phi_{199}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
140076	1800	924	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^3\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{77}^3\ \Phi_{66}^2\ \Phi_{33}^3$
140077	1800	1428	$\frac{3}{119}$	$\frac{1}{6}$	$\frac{29}{119}$	$\frac{1}{4}$	$\Phi_{1428}^2\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{204}^2\ \Phi_{119}\ \Phi_{102}\ \Phi_{84}^2\ \Phi_{68}\ \Phi_{51}\ \Phi_{42}$ $\Phi_{28}\ \Phi_{21}\ \Phi_{17}\ \Phi_{12}^4\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
140078	1800	2404	$\frac{17}{601}$	$\frac{91}{601}$	$\frac{146}{601}$	$\frac{1}{4}$	$\Phi_{2404}\ \Phi_{1202}$
140079	1800	924	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{8}{33}$	$\frac{1}{4}$	$\Phi_{924}^3\ \Phi_{462}^3\ \Phi_{308}^3\ \Phi_{154}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{28}^4\ \Phi_{14}^4$
140080	1800	2404	$\frac{21}{601}$	$\frac{76}{601}$	$\frac{145}{601}$	$\frac{1}{4}$	$\Phi_{2404}\ \Phi_{1202}$
140081	1800	1988	$\frac{3}{71}$	$\frac{3}{28}$	$\frac{17}{71}$	$\frac{1}{4}$	$\Phi_{1988}\ \Phi_{994}\ \Phi_{497}\ \Phi_{71}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
140082	1800	2596	$\frac{3}{59}$	$\frac{1}{11}$	$\frac{14}{59}$	$\frac{1}{4}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{44}^2\ \Phi_{22}^2$
140083	1800	2404	$\frac{37}{601}$	$\frac{46}{601}$	$\frac{141}{601}$	$\frac{1}{4}$	$\Phi_{2404}\ \Phi_{1202}$
140084	1800	208	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{208}^9\ \Phi_{104}^9\ \Phi_{52}^6\ \Phi_{26}^6\ \Phi_{16}^{12}\ \Phi_{13}^9\ \Phi_8^{12}\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{12}$
140085	1800	2404	$\frac{31}{601}$	$\frac{57}{601}$	$\frac{136}{601}$	$\frac{1}{4}$	$\Phi_{2404}\ \Phi_{1202}$
140086	1800	800	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{800}^3\ \Phi_{400}^3\ \Phi_{160}^3\ \Phi_{100}\ \Phi_{80}^3\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
140087	1800	1196	$\frac{1}{26}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{1196}^2\ \Phi_{598}\ \Phi_{299}\ \Phi_{92}\ \Phi_{52}^4\ \Phi_{26}^2\ \Phi_{23}\ \Phi_{13}^2\ \Phi_4^2\ \Phi_1^2$
140088	1800	2356	$\frac{1}{31}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{2356}\ \Phi_{1178}\ \Phi_{124}^2\ \Phi_{62}^2$
140089	1800	2404	$\frac{19}{601}$	$\frac{97}{601}$	$\frac{126}{601}$	$\frac{1}{4}$	$\Phi_{2404}\ \Phi_{1202}$
140090	1800	2404	$\frac{16}{601}$	$\frac{117}{601}$	$\frac{121}{601}$	$\frac{1}{4}$	$\Phi_{2404}\ \Phi_{1202}$
140091	1800	2980	$\frac{4}{149}$	$\frac{29}{149}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2980}\ \Phi_{1490}\ \Phi_{20}^2\ \Phi_{10}^2$
140092	1800	1860	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1860}^2\ \Phi_{930}\ \Phi_{620}\ \Phi_{465}\ \Phi_{155}$
140093	1800	2980	$\frac{5}{149}$	$\frac{24}{149}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2980}\ \Phi_{1490}\ \Phi_{20}^2\ \Phi_{10}^2$
140094	1800	1820	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1820}^2\ \Phi_{910}\ \Phi_{455}\ \Phi_{140}\ \Phi_{35}$
140095	1800	2660	$\frac{1}{19}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{665}\ \Phi_{95}$
140096	1800	2980	$\frac{9}{149}$	$\frac{14}{149}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2980}\ \Phi_{1490}\ \Phi_{20}^2\ \Phi_{10}^2$
140097	1800	880	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{880}^3\ \Phi_{440}^3\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{55}^3$
140098	1800	1428	$\frac{4}{119}$	$\frac{1}{6}$	$\frac{23}{119}$	$\frac{1}{4}$	$\Phi_{1428}^2\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{204}^2\ \Phi_{119}\ \Phi_{102}\ \Phi_{84}^2\ \Phi_{68}\ \Phi_{51}\ \Phi_{42}$ $\Phi_{28}\ \Phi_{21}\ \Phi_{17}\ \Phi_{12}^4\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
140099	1800	2404	$\frac{21}{601}$	$\frac{97}{601}$	$\frac{116}{601}$	$\frac{1}{4}$	$\Phi_{2404}\ \Phi_{1202}$
140100	1800	2772	$\frac{4}{99}$	$\frac{1}{7}$	$\frac{19}{99}$	$\frac{1}{4}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{252}\ \Phi_{154}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
140101	1800	2404	$\frac{26}{601}$	$\frac{81}{601}$	$\frac{115}{601}$	$\frac{1}{4}$	$\Phi_{2404}\ \Phi_{1202}$
140102	1800	1332	$\frac{2}{37}$	$\frac{1}{9}$	$\frac{7}{37}$	$\frac{1}{4}$	$\Phi_{1332}^2\ \Phi_{666}^2\ \Phi_{444}^2\ \Phi_{222}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{6}^3$
140103	1800	2404	$\frac{36}{601}$	$\frac{61}{601}$	$\frac{113}{601}$	$\frac{1}{4}$	$\Phi_{2404}\ \Phi_{1202}$
140104	1800	2596	$\frac{4}{59}$	$\frac{1}{11}$	$\frac{11}{59}$	$\frac{1}{4}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{44}^2\ \Phi_{22}^2$
140105	1800	2404	$\frac{46}{601}$	$\frac{49}{601}$	$\frac{111}{601}$	$\frac{1}{4}$	$\Phi_{2404}\ \Phi_{1202}$
140106	1800	2548	$\frac{1}{13}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{1}{4}$	$\Phi_{2548}\ \Phi_{1274}\ \Phi_{364}\ \Phi_{182}\ \Phi_{52}^2\ \Phi_{26}^2$
140107	1800	2404	$\frac{41}{601}$	$\frac{56}{601}$	$\frac{109}{601}$	$\frac{1}{4}$	$\Phi_{2404}\ \Phi_{1202}$
140108	1800	624	$\frac{1}{16}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{4}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{156}^2\ \Phi_{104}^3\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{48}^3\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{24}^3\ \Phi_{16}^6\ \Phi_{13}^3\ \Phi_{12}^2\ \Phi_{8}^6\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
140109	1800	2404	$\frac{33}{601}$	$\frac{71}{601}$	$\frac{106}{601}$	$\frac{1}{4}$	$\Phi_{2404}\ \Phi_{1202}$
140110	1800	2436	$\frac{1}{21}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{812}\ \Phi_{406}\ \Phi_{348}\ \Phi_{174}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{6}^2$
140111	1800	2404	$\frac{25}{601}$	$\frac{96}{601}$	$\frac{101}{601}$	$\frac{1}{4}$	$\Phi_{2404}\ \Phi_{1202}$
140112	1800	300	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{300}^8\ \Phi_{150}^4\ \Phi_{100}^9\ \Phi_{75}^4\ \Phi_{60}^8\ \Phi_{50}^5\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{20}^9\ \Phi_{15}^4\ \Phi_{10}^5\ \Phi_{5}^4$
140113	1800	1428	$\frac{5}{119}$	$\frac{19}{119}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1428}^2\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{204}^2\ \Phi_{119}\ \Phi_{102}\ \Phi_{84}^2\ \Phi_{68}\ \Phi_{51}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{17}\ \Phi_{12}^4\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
140114	1800	84	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{84}^{28}\ \Phi_{42}^{11}\ \Phi_{28}^{29}\ \Phi_{21}^{17}\ \Phi_{14}^{12}\ \Phi_{12}^{30}\ \Phi_{7}^{17}\ \Phi_{6}^{12}\ \Phi_{4}^{30}\ \Phi_{3}^{18}\ \Phi_{2}^{12}\ \Phi_{1}^{18}$
140115	1800	204	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{204}^{14}\ \Phi_{102}^{7}\ \Phi_{68}^{7}\ \Phi_{51}^{7}\ \Phi_{17}^{7}\ \Phi_{12}^{16}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
140116	1800	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{144}^{15}\ \Phi_{72}^{15}\ \Phi_{48}^{9}\ \Phi_{36}^{10}\ \Phi_{24}^{9}\ \Phi_{18}^{13}\ \Phi_{16}^{12}\ \Phi_{12}^{6}\ \Phi_{9}^{12}\ \Phi_{8}^{12}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
140117	1800	1428	$\frac{9}{119}$	$\frac{11}{119}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1428}^2\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{204}^2\ \Phi_{119}\ \Phi_{102}\ \Phi_{84}^2\ \Phi_{68}\ \Phi_{51}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{17}\ \Phi_{12}^4\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
140118	1800	1716	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1716}^2\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{143}$
140119	1800	1988	$\frac{5}{71}$	$\frac{3}{28}$	$\frac{11}{71}$	$\frac{1}{4}$	$\Phi_{1988}\ \Phi_{994}\ \Phi_{497}\ \Phi_{71}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{1}^2$
140120	1800	2596	$\frac{5}{59}$	$\frac{1}{11}$	$\frac{9}{59}$	$\frac{1}{4}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{44}^2\ \Phi_{22}^2$
140121	1800	2404	$\frac{51}{601}$	$\frac{55}{601}$	$\frac{91}{601}$	$\frac{1}{4}$	$\Phi_{2404}\ \Phi_{1202}$
140122	1800	756	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{756}^4\ \Phi_{378}^4\ \Phi_{252}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{28}^4\ \Phi_{14}^4$
140123	1800	364	$\frac{1}{13}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{364}^5\ \Phi_{182}^5\ \Phi_{91}^6\ \Phi_{52}^6\ \Phi_{26}^6\ \Phi_{13}^6$
140124	1800	308	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{308}^9\ \Phi_{154}^9\ \Phi_{28}^{10}\ \Phi_{14}^{10}$
140125	1800	1988	$\frac{7}{71}$	$\frac{3}{28}$	$\frac{8}{71}$	$\frac{1}{4}$	$\Phi_{1988}\ \Phi_{994}\ \Phi_{497}\ \Phi_{71}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{1}^2$
140126	1800	1260	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{315}^2\ \Phi_{252}\ \Phi_{210}^2\ \Phi_{126}\ \Phi_{105}^2\ \Phi_{90}\ \Phi_{84}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
140127	1800	2272	$\frac{3}{71}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{17}{71}$	$\Phi_{2272}\ \Phi_{1136}\ \Phi_{71}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{1}^2$
140128	1800	426	$\frac{3}{71}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{17}{71}$	$\Phi_{426}^4\ \Phi_{213}^4\ \Phi_{142}^4\ \Phi_{71}^5\ \Phi_{6}^8\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^{10}$
140129	1800	1799	$\frac{83}{1799}$	$\frac{274}{1799}$	$\frac{305}{1799}$	$\frac{429}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
140130	1800	2166	$\frac{17}{361}$	$\frac{55}{361}$	$\frac{1}{6}$	$\frac{86}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
140131	1800	1711	$\frac{3}{59}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{14}{59}$	$\Phi_{1711}\ \Phi_{59}^2\ \Phi_{29}^2\ \Phi_{1}^4$
140132	1800	2478	$\frac{3}{59}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{14}{59}$	$\Phi_{2478}\ \Phi_{1239}\ \Phi_{826}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
140133	1800	1799	$\frac{99}{1799}$	$\frac{229}{1799}$	$\frac{314}{1799}$	$\frac{425}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^2$
140134	1800	301	$\frac{17}{301}$	$\frac{1}{7}$	$\frac{46}{301}$	$\frac{71}{301}$	$\Phi_{301}^6\ \Phi_{43}^6\ \Phi_{7}^5\ \Phi_{1}^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
140135	1800	1799	$\frac{103}{1799}$	$\frac{254}{1799}$	$\frac{275}{1799}$	$\frac{424}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
140136	1800	2166	$\frac{21}{361}$	$\frac{46}{361}$	$\frac{1}{6}$	$\frac{85}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
140137	1800	98	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{23}{98}$	$\Phi_{98}^{24}\ \Phi_{49}^{12}\ \Phi_{14}^{24}\ \Phi_{7}^{17}\ \Phi_{2}^{24}\ \Phi_{1}^{18}$
140138	1800	602	$\frac{3}{43}$	$\frac{11}{86}$	$\frac{1}{7}$	$\frac{10}{43}$	$\Phi_{602}^{4}\ \Phi_{301}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{2}$
140139	1800	143	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{3}{13}$	$\Phi_{143}^{12}\ \Phi_{13}^{15}\ \Phi_{11}^{16}\ \Phi_{1}^{20}$
140140	1800	390	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{3}{13}$	$\Phi_{390}^{6}\ \Phi_{195}^{6}\ \Phi_{130}^{3}\ \Phi_{78}^{3}\ \Phi_{65}^{3}\ \Phi_{39}^{3}\ \Phi_{30}^{8}\ \Phi_{15}^{8}\ \Phi_{13}^{3}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
140141	1800	257	$\frac{21}{257}$	$\frac{22}{257}$	$\frac{47}{257}$	$\frac{59}{257}$	$\Phi_{257}^{7}\ \Phi_{1}^{8}$
140142	1800	2010	$\frac{17}{201}$	$\frac{1}{10}$	$\frac{31}{201}$	$\frac{46}{201}$	$\Phi_{2010}\ \Phi_{1005}\ \Phi_{670}\ \Phi_{402}\ \Phi_{335}\ \Phi_{134}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
140143	1800	245	$\frac{4}{49}$	$\frac{3}{35}$	$\frac{9}{49}$	$\frac{8}{35}$	$\Phi_{245}^{7}\ \Phi_{49}^{8}\ \Phi_{35}^{8}\ \Phi_{7}^{9}\ \Phi_{5}^{8}\ \Phi_{1}^{10}$
140144	1800	2310	$\frac{3}{35}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{8}{35}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{165}\ \Phi_{154}\ \Phi_{110}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{2}$
140145	1800	140	$\frac{3}{35}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{8}{35}$	$\Phi_{140}^{14}\ \Phi_{70}^{14}\ \Phi_{35}^{8}\ \Phi_{28}^{16}\ \Phi_{20}^{14}\ \Phi_{14}^{16}\ \Phi_{10}^{14}\ \Phi_{7}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{10}$
140146	1800	1799	$\frac{139}{1799}$	$\frac{163}{1799}$	$\frac{332}{1799}$	$\frac{409}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
140147	1800	1799	$\frac{163}{1799}$	$\frac{169}{1799}$	$\frac{278}{1799}$	$\frac{409}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
140148	1800	1210	$\frac{17}{242}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{22}$	$\Phi_{1210}^{2}\ \Phi_{605}^{2}\ \Phi_{55}$
140149	1800	2166	$\frac{31}{361}$	$\frac{33}{361}$	$\frac{1}{6}$	$\frac{82}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
140150	1800	1991	$\frac{1}{11}$	$\frac{17}{181}$	$\frac{28}{181}$	$\frac{41}{181}$	Φ_{1991}
140151	1800	1799	$\frac{152}{1799}$	$\frac{183}{1799}$	$\frac{279}{1799}$	$\frac{404}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
140152	1800	2166	$\frac{28}{361}$	$\frac{37}{361}$	$\frac{1}{6}$	$\frac{81}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
140153	1800	3040	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{3040}\ \Phi_{1520}\ \Phi_{95}$
140154	1800	2272	$\frac{5}{71}$	$\frac{1}{8}$	$\frac{11}{71}$	$\frac{7}{32}$	$\Phi_{2272}\ \Phi_{1136}\ \Phi_{71}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
140155	1800	2912	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{32}$	$\Phi_{2912}\ \Phi_{1456}\ \Phi_{91}$
140156	1800	2272	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{8}$	$\frac{7}{32}$	$\Phi_{2272}\ \Phi_{1136}\ \Phi_{71}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
140157	1800	1440	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{32}$	$\Phi_{1440}^{2}\ \Phi_{720}^{2}\ \Phi_{480}^{2}\ \Phi_{288}\ \Phi_{240}^{2}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{48}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
140158	1800	851	$\frac{2}{37}$	$\frac{3}{23}$	$\frac{7}{37}$	$\frac{5}{23}$	$\Phi_{851}^{2}\ \Phi_{37}^{4}\ \Phi_{23}^{3}\ \Phi_{1}^{6}$
140159	1800	1104	$\frac{1}{16}$	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{5}{23}$	$\Phi_{1104}^{2}\ \Phi_{552}^{2}\ \Phi_{368}\ \Phi_{276}^{2}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{48}^{4}\ \Phi_{24}^{4}\ \Phi_{23}\ \Phi_{16}^{2}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
140160	1800	1799	$\frac{94}{1799}$	$\frac{243}{1799}$	$\frac{341}{1799}$	$\frac{389}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
140161	1800	1936	$\frac{1}{16}$	$\frac{17}{121}$	$\frac{19}{121}$	$\frac{26}{121}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
140162	1800	168	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{168}^{14}\ \Phi_{84}^{14}\ \Phi_{56}^{12}\ \Phi_{28}^{12}\ \Phi_{24}^{14}\ \Phi_{21}^{6}\ \Phi_{12}^{14}\ \Phi_{8}^{12}\ \Phi_{7}^{5}\ \Phi_{4}^{12}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
140163	1800	1799	$\frac{101}{1799}$	$\frac{283}{1799}$	$\frac{284}{1799}$	$\frac{379}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
140164	1800	1691	$\frac{4}{89}$	$\frac{3}{19}$	$\frac{17}{89}$	$\frac{4}{19}$	$\Phi_{1691}\ \Phi_{89}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
140165	1800	114	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\Phi_{114}^{19}\ \Phi_{57}^{19}\ \Phi_{38}^{19}\ \Phi_{6}^{18}\ \Phi_{3}^{18}\ \Phi_{2}^{18}$
140166	1800	1691	$\frac{5}{89}$	$\frac{14}{89}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1691}\ \Phi_{89}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
140167	1800	2128	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{112}^{2}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
140168	1800	1691	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1691}\ \Phi_{89}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
140169	1800	2090	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{2090}\ \Phi_{1045}\ \Phi_{418}\ \Phi_{110}^{2}\ \Phi_{55}^{2}\ \Phi_{22}^{2}$
140170	1800	1799	$\frac{79}{1799}$	$\frac{291}{1799}$	$\frac{344}{1799}$	$\frac{377}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
140171	1800	1919	$\frac{1}{19}$	$\frac{16}{101}$	$\frac{17}{101}$	$\frac{21}{101}$	Φ_{1919}
140172	1800	1799	$\frac{95}{1799}$	$\frac{284}{1799}$	$\frac{303}{1799}$	$\frac{374}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
140173	1800	1936	$\frac{1}{16}$	$\frac{16}{121}$	$\frac{21}{121}$	$\frac{25}{121}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
140174	1800	1799	$\frac{143}{1799}$	$\frac{184}{1799}$	$\frac{323}{1799}$	$\frac{369}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
140175	1800	1799	$\frac{159}{1799}$	$\frac{164}{1799}$	$\frac{327}{1799}$	$\frac{368}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
140176	1800	1991	$\frac{16}{181}$	$\frac{1}{11}$	$\frac{33}{181}$	$\frac{37}{181}$	Φ_{1991}
140177	1800	2010	$\frac{16}{201}$	$\frac{1}{10}$	$\frac{37}{201}$	$\frac{41}{201}$	$\Phi_{2010}\ \Phi_{1005}\ \Phi_{670}\ \Phi_{402}\ \Phi_{335}\ \Phi_{134}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
140178	1800	1799	$\frac{104}{1799}$	$\frac{239}{1799}$	$\frac{339}{1799}$	$\frac{365}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
140179	1800	301	$\frac{16}{301}$	$\frac{1}{7}$	$\frac{57}{301}$	$\frac{61}{301}$	$\Phi_{301}^{6}\ \Phi_{43}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
140180	1800	257	$\frac{12}{257}$	$\frac{41}{257}$	$\frac{49}{257}$	$\frac{52}{257}$	$\Phi_{257}^{7}\ \Phi_{1}^{8}$
140181	1800	2166	$\frac{16}{361}$	$\frac{1}{6}$	$\frac{69}{361}$	$\frac{73}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
140182	1800	2670	$\frac{4}{89}$	$\frac{1}{6}$	$\frac{17}{89}$	$\frac{1}{5}$	$\Phi_{2670}\ \Phi_{1335}\ \Phi_{890}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
140183	1800	2255	$\frac{21}{451}$	$\frac{73}{451}$	$\frac{86}{451}$	$\frac{1}{5}$	$\Phi_{2255}\ \Phi_{205}\ \Phi_{55}$
140184	1800	1295	$\frac{2}{37}$	$\frac{1}{7}$	$\frac{7}{37}$	$\frac{1}{5}$	$\Phi_{1295}^{2}\ \Phi_{35}^{3}$
140185	1800	2255	$\frac{26}{451}$	$\frac{61}{451}$	$\frac{85}{451}$	$\frac{1}{5}$	$\Phi_{2255}\ \Phi_{205}\ \Phi_{55}$
140186	1800	490	$\frac{4}{49}$	$\frac{1}{10}$	$\frac{9}{49}$	$\frac{1}{5}$	$\Phi_{490}^{4}\ \Phi_{245}^{3}\ \Phi_{98}^{4}\ \Phi_{70}^{4}\ \Phi_{49}^{4}\ \Phi_{35}^{3}\ \Phi_{14}^{4}\ \Phi_{10}^{8}\ \Phi_{7}^{4}\ \Phi_{5}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
140187	1800	55	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{5}$	$\Phi_{55}^{41}\ \Phi_{5}^{40}$
140188	1800	2255	$\frac{37}{451}$	$\frac{46}{451}$	$\frac{81}{451}$	$\frac{1}{5}$	$\Phi_{2255}\ \Phi_{205}\ \Phi_{55}$
140189	1800	2320	$\frac{1}{16}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{5}$	$\Phi_{2320}\ \Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
140190	1800	2255	$\frac{25}{451}$	$\frac{71}{451}$	$\frac{76}{451}$	$\frac{1}{5}$	$\Phi_{2255}\ \Phi_{205}\ \Phi_{55}$
140191	1800	570	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{570}^{4}\ \Phi_{285}^{4}\ \Phi_{190}^{4}\ \Phi_{95}^{5}$
140192	1800	2670	$\frac{5}{89}$	$\frac{14}{89}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2670}\ \Phi_{1335}\ \Phi_{890}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
140193	1800	1680	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1680}^{2}\ \Phi_{840}^{2}\ \Phi_{560}\ \Phi_{420}^{2}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{35}$
140194	1800	2670	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2670}\ \Phi_{1335}\ \Phi_{890}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
140195	1800	330	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{330}^{7}\ \Phi_{165}^{7}\ \Phi_{110}^{3}\ \Phi_{66}^{8}\ \Phi_{55}^{4}\ \Phi_{33}^{8}\ \Phi_{22}^{4}\ \Phi_{11}^{4}$
140196	1800	440	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{13}{88}$	$\frac{1}{5}$	$\Phi_{440}^{6}\ \Phi_{220}^{4}\ \Phi_{110}^{4}\ \Phi_{55}^{5}\ \Phi_{40}^{6}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{4}$
140197	1800	410	$\frac{7}{82}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{5}$	$\Phi_{410}^{6}\ \Phi_{205}^{5}\ \Phi_{10}^{6}\ \Phi_{5}^{4}$
140198	1800	140	$\frac{1}{10}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{140}^{14}\ \Phi_{70}^{10}\ \Phi_{35}^{11}\ \Phi_{28}^{16}\ \Phi_{20}^{14}\ \Phi_{14}^{12}\ \Phi_{10}^{14}\ \Phi_{7}^{12}\ \Phi_{5}^{14}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
140199	1800	1711	$\frac{4}{59}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{11}{59}$	$\Phi_{1711}\ \Phi_{59}^{2}\ \Phi_{29}^{2}\ \Phi_{1}^{4}$
140200	1800	2478	$\frac{4}{59}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{11}{59}$	$\Phi_{2478}\ \Phi_{1239}\ \Phi_{826}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}$
140201	1800	1799	$\frac{124}{1799}$	$\frac{244}{1799}$	$\frac{311}{1799}$	$\frac{335}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
140202	1800	301	$\frac{3}{43}$	$\frac{1}{7}$	$\frac{7}{43}$	$\frac{8}{43}$	$\Phi_{301}^{7}\ \Phi_{7}^{6}$
140203	1800	1799	$\frac{129}{1799}$	$\frac{251}{1799}$	$\frac{293}{1799}$	$\frac{334}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
140204	1800	2166	$\frac{26}{361}$	$\frac{49}{361}$	$\frac{1}{6}$	$\frac{67}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
140205	1800	49	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{9}{49}$	$\Phi_{49}^{36}\ \Phi_{7}^{41}\ \Phi_{1}^{42}$
140206	1800	257	$\frac{22}{257}$	$\frac{35}{257}$	$\frac{37}{257}$	$\frac{47}{257}$	$\Phi_{257}^{7}\ \Phi_{1}^{8}$
140207	1800	301	$\frac{26}{301}$	$\frac{41}{301}$	$\frac{1}{7}$	$\frac{55}{301}$	$\Phi_{301}^{6}\ \Phi_{43}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
140208	1800	429	$\frac{1}{11}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{2}{11}$	$\Phi_{429}^{4}\ \Phi_{143}^{4}\ \Phi_{39}^{5}\ \Phi_{33}^{4}\ \Phi_{13}^{5}\ \Phi_{11}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{10}$
140209	1800	198	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{2}{11}$	$\Phi_{198}^{12}\ \Phi_{99}^{8}\ \Phi_{66}^{8}\ \Phi_{33}^{4}\ \Phi_{22}^{8}\ \Phi_{18}^{15}\ \Phi_{11}^{8}\ \Phi_{9}^{10}\ \Phi_{6}^{10}\ \Phi_{3}^{5}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
140210	1800	1799	$\frac{164}{1799}$	$\frac{184}{1799}$	$\frac{323}{1799}$	$\frac{327}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
140211	1800	2034	$\frac{21}{226}$	$\frac{1}{9}$	$\frac{37}{226}$	$\frac{41}{226}$	$\Phi_{2034}\ \Phi_{1017}\ \Phi_{678}\ \Phi_{339}\ \Phi_{18}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
140212	1800	1799	$\frac{179}{1799}$	$\frac{188}{1799}$	$\frac{295}{1799}$	$\frac{324}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
140213	1800	2166	$\frac{36}{361}$	$\frac{37}{361}$	$\frac{1}{6}$	$\frac{65}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
140214	1800	390	$\frac{1}{10}$	$\frac{4}{39}$	$\frac{1}{6}$	$\frac{7}{39}$	$\Phi_{390}^{5}\ \Phi_{195}^{5}\ \Phi_{130}^{5}\ \Phi_{78}^{2}\ \Phi_{65}^{5}\ \Phi_{39}^{3}\ \Phi_{30}^{7}\ \Phi_{26}^{2}\ \Phi_{15}^{7}\ \Phi_{13}^{3}\ \Phi_{10}^{6}\ \Phi_{6}^{3}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
140215	1800	670	$\frac{1}{10}$	$\frac{7}{67}$	$\frac{11}{67}$	$\frac{12}{67}$	$\Phi_{670}^{3}\ \Phi_{335}^{3}\ \Phi_{134}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}$
140216	1800	1799	$\frac{167}{1799}$	$\frac{204}{1799}$	$\frac{296}{1799}$	$\frac{319}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
140217	1800	2166	$\frac{33}{361}$	$\frac{41}{361}$	$\frac{1}{6}$	$\frac{64}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
140218	1800	2262	$\frac{1}{13}$	$\frac{4}{29}$	$\frac{1}{6}$	$\frac{5}{29}$	$\Phi_{2262}\ \Phi_{1131}\ \Phi_{754}\ \Phi_{78}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{2}$
140219	1800	1711	$\frac{5}{59}$	$\frac{4}{29}$	$\frac{9}{59}$	$\frac{5}{29}$	$\Phi_{1711}\ \Phi_{59}^{2}\ \Phi_{29}^{2}\ \Phi_{1}^{4}$
140220	1800	2233	$\frac{1}{11}$	$\frac{4}{29}$	$\frac{1}{7}$	$\frac{5}{29}$	$\Phi_{2233}\ \Phi_{77}^{2}$
140221	1800	1963	$\frac{1}{13}$	$\frac{21}{151}$	$\frac{25}{151}$	$\frac{26}{151}$	Φ_{1963}
140222	1800	1799	$\frac{149}{1799}$	$\frac{254}{1799}$	$\frac{275}{1799}$	$\frac{309}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
140223	1800	1991	$\frac{1}{11}$	$\frac{25}{181}$	$\frac{26}{181}$	$\frac{31}{181}$	Φ_{1991}
140224	1800	1799	$\frac{155}{1799}$	$\frac{249}{1799}$	$\frac{274}{1799}$	$\frac{305}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
140225	1800	301	$\frac{25}{301}$	$\frac{1}{7}$	$\frac{46}{301}$	$\frac{51}{301}$	$\Phi_{301}^{6}\ \Phi_{43}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
140226	1800	1799	$\frac{125}{1799}$	$\frac{279}{1799}$	$\frac{299}{1799}$	$\frac{304}{1799}$	$\Phi_{1799}\ \Phi_{257}\ \Phi_{7}\ \Phi_{1}^{2}$
140227	1800	2166	$\frac{25}{361}$	$\frac{56}{361}$	$\frac{1}{6}$	$\frac{61}{361}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
140228	1800	426	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{426}^{4}\ \Phi_{213}^{4}\ \Phi_{142}^{4}\ \Phi_{71}^{5}\ \Phi_{6}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
140229	1800	546	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{546}^{4}\ \Phi_{273}^{4}\ \Phi_{182}^{4}\ \Phi_{91}^{5}$
140230	1800	426	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{426}^{4}\ \Phi_{213}^{4}\ \Phi_{142}^{4}\ \Phi_{71}^{5}\ \Phi_{6}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
140231	1800	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{90}^{25}\ \Phi_{45}^{25}\ \Phi_{30}^{17}\ \Phi_{18}^{13}\ \Phi_{15}^{17}\ \Phi_{10}^{16}\ \Phi_{9}^{12}\ \Phi_{6}^{9}\ \Phi_{5}^{16}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
140232	1800	2478	$\frac{5}{59}$	$\frac{1}{7}$	$\frac{9}{59}$	$\frac{1}{6}$	$\Phi_{2478}\ \Phi_{1239}\ \Phi_{826}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}$
140233	1800	2166	$\frac{31}{361}$	$\frac{51}{361}$	$\frac{55}{361}$	$\frac{1}{6}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{722}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
140234	1800	462	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{462}^{5}\ \Phi_{231}^{5}\ \Phi_{154}^{5}\ \Phi_{66}^{6}\ \Phi_{33}^{6}\ \Phi_{22}^{6}$
140235	1800	28	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\Phi_{28}^{72}\ \Phi_{14}^{72}\ \Phi_{7}^{41}\ \Phi_{4}^{72}\ \Phi_{2}^{72}\ \Phi_{1}^{42}$
140236	1800	343	$\frac{6}{49}$	$\frac{43}{343}$	$\frac{1}{7}$	$\frac{1}{7}$	$\Phi_{343}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
140237	1801	2880	$\frac{1}{360}$	$\frac{361}{1440}$	$\frac{1079}{2880}$	$\frac{359}{720}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{720}\ \Phi_{576}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{144}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
140238	1801	3200	$\frac{1}{200}$	$\frac{201}{1600}$	$\frac{1399}{3200}$	$\frac{199}{400}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{400}\ \Phi_{128}\ \Phi_{80}\ \Phi_{16}\ \Phi_{1}$
140239	1801	2400	$\frac{1}{200}$	$\frac{599}{2400}$	$\frac{201}{800}$	$\frac{199}{400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
140240	1801	3584	$\frac{9}{1792}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1783}{3584}$	$\Phi_{3584}\ \Phi_{512}\ \Phi_{16}\ \Phi_{1}$
140241	1801	3360	$\frac{1}{120}$	$\frac{121}{1680}$	$\frac{1559}{3360}$	$\frac{119}{240}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{240}\ \Phi_{224}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
140242	1801	3564	$\frac{19}{1782}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1763}{3564}$	$\Phi_{3564}\ \Phi_{1188}\ \Phi_{396}\ \Phi_{324}\ \Phi_{132}\ \Phi_{108}\ \Phi_{44}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
140243	1801	2412	$\frac{8}{603}$	$\frac{1}{9}$	$\frac{611}{2412}$	$\frac{595}{1206}$	$\Phi_{2412}\ \Phi_{804}\ \Phi_{603}\ \Phi_{268}\ \Phi_{201}\ \Phi_{67}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
140244	1801	3456	$\frac{1}{72}$	$\frac{73}{1728}$	$\frac{1655}{3456}$	$\frac{71}{144}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{144}\ \Phi_{128}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
140245	1801	2592	$\frac{1}{72}$	$\frac{73}{864}$	$\frac{791}{2592}$	$\frac{71}{144}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
140246	1801	2016	$\frac{1}{72}$	$\frac{215}{2016}$	$\frac{73}{288}$	$\frac{71}{144}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
140247	1801	2304	$\frac{1}{72}$	$\frac{73}{576}$	$\frac{503}{2304}$	$\frac{71}{144}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{144}\ \Phi_{128}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
140248	1801	2160	$\frac{1}{72}$	$\frac{359}{2160}$	$\frac{73}{432}$	$\frac{71}{144}$	Φ_{2160} Φ_{1080} Φ_{720} Φ_{540} Φ_{360} Φ_{270} Φ_{240} Φ_{180} Φ_{144} Φ_{135} Φ_{120} Φ_{90} Φ_{80} Φ_{60} Φ_{48} Φ_{45} Φ_{40} Φ_{30} Φ_{20} Φ_{16} Φ_{15} Φ_{10} Φ_5 Φ_1
140249	1801	3552	$\frac{25}{1776}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{1751}{3552}$	Φ_{3552} Φ_{1184} Φ_{96} Φ_{48} Φ_{32} Φ_{16} Φ_1
140250	1801	1968	$\frac{3}{164}$	$\frac{167}{1968}$	$\frac{1}{4}$	$\frac{161}{328}$	Φ_{1968} Φ_{984} Φ_{656} Φ_{492} Φ_{246} Φ_{164} Φ_{123} Φ_{82} Φ_{48} Φ_{41} Φ_{24} Φ_{16} Φ_{12} Φ_6 Φ_3 Φ_1
140251	1801	2064	$\frac{5}{258}$	$\frac{263}{2064}$	$\frac{1}{6}$	$\frac{253}{516}$	Φ_{2064} Φ_{1032} Φ_{688} Φ_{344} Φ_{258} Φ_{129} Φ_{86} Φ_{48} Φ_{43} Φ_{24} Φ_{16} Φ_8 Φ_1
140252	1801	3528	$\frac{37}{1764}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1727}{3528}$	Φ_{3528} Φ_{1176} Φ_{504} Φ_{392} Φ_{168} Φ_{72} Φ_{56} Φ_{42} Φ_{24} Φ_{21} Φ_{14} Φ_8 Φ_7 Φ_1
140253	1801	3520	$\frac{41}{1760}$	$\frac{1}{40}$	$\frac{39}{80}$	$\frac{1719}{3520}$	Φ_{3520} Φ_{704} Φ_{320} Φ_{80} Φ_{64} Φ_{16} Φ_1
140254	1801	3520	$\frac{41}{1760}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1719}{3520}$	Φ_{3520} Φ_{704} Φ_{320} Φ_{64} Φ_{44} Φ_{22} Φ_{11} Φ_1
140255	1801	2640	$\frac{1}{40}$	$\frac{41}{880}$	$\frac{839}{2640}$	$\frac{39}{80}$	Φ_{2640} Φ_{1320} Φ_{660} Φ_{528} Φ_{330} Φ_{264} Φ_{240} Φ_{165} Φ_{132} Φ_{120} Φ_{80} Φ_{66} Φ_{60} Φ_{48} Φ_{33} Φ_{30} Φ_{24} Φ_{16} Φ_{15} Φ_{12} Φ_6 Φ_3 Φ_1
140256	1801	1920	$\frac{1}{40}$	$\frac{119}{1920}$	$\frac{41}{160}$	$\frac{39}{80}$	Φ_{1920} Φ_{960} Φ_{640} Φ_{480} Φ_{384} Φ_{320} Φ_{240} Φ_{192} Φ_{128} Φ_{120} Φ_{96} Φ_{80} Φ_{64} Φ_{60} Φ_{48} Φ_{30} Φ_{24} Φ_{16} Φ_{15} Φ_{12} Φ_6 Φ_3 Φ_1
140257	1801	1900	$\frac{4}{95}$	$\frac{99}{1900}$	$\frac{1}{5}$	$\frac{91}{190}$	Φ_{1900} Φ_{950} Φ_{475} Φ_{380} Φ_{100} Φ_{95} Φ_{76} Φ_{50} Φ_{25} Φ_{20} Φ_{19} Φ_4 Φ_1
140258	1801	3456	$\frac{1}{36}$	$\frac{73}{1728}$	$\frac{35}{108}$	$\frac{1655}{3456}$	Φ_{3456} Φ_{1152} Φ_{384} Φ_{128} Φ_{108} Φ_{54} Φ_{27} Φ_1
140259	1801	3456	$\frac{1}{24}$	$\frac{73}{1728}$	$\frac{23}{96}$	$\frac{1655}{3456}$	Φ_{3456} Φ_{1152} Φ_{384} Φ_{128} Φ_{96} Φ_{48} Φ_{32} Φ_{16} Φ_1
140260	1801	3420	$\frac{4}{95}$	$\frac{91}{1710}$	$\frac{1}{5}$	$\frac{1619}{3420}$	Φ_{3420} Φ_{1140} Φ_{684} Φ_{380} Φ_{228} Φ_{180} Φ_{95} Φ_{76} Φ_{60} Φ_{36} Φ_{20} Φ_{19} Φ_{12} Φ_4 Φ_1
140261	1801	2448	$\frac{1}{36}$	$\frac{35}{612}$	$\frac{647}{2448}$	$\frac{577}{1224}$	Φ_{2448} Φ_{816} Φ_{612} Φ_{306} Φ_{272} Φ_{204} Φ_{153} Φ_{144} Φ_{102} Φ_{68} Φ_{51} Φ_{48} Φ_{34} Φ_{17} Φ_{16} Φ_1
140262	1801	1848	$\frac{47}{1848}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	Φ_{1848} Φ_{924} Φ_{616} Φ_{462} Φ_{308} Φ_{264} Φ_{231} Φ_{168} Φ_{154} Φ_{132} Φ_{84} Φ_{77} Φ_{66} Φ_{56} Φ_{44} Φ_{42} Φ_{33} Φ_{28} Φ_{24} Φ_{22} Φ_{21} Φ_{14} Φ_{12} Φ_{11} Φ_7 Φ_6 Φ_3 Φ_1
140263	1801	3360	$\frac{1}{20}$	$\frac{121}{1680}$	$\frac{19}{140}$	$\frac{1559}{3360}$	Φ_{3360} Φ_{1120} Φ_{672} Φ_{480} Φ_{224} Φ_{160} Φ_{140} Φ_{96} Φ_{70} Φ_{35} Φ_{32} Φ_{28} Φ_{14} Φ_7 Φ_1
140264	1801	2080	$\frac{1}{20}$	$\frac{19}{260}$	$\frac{279}{2080}$	$\frac{241}{520}$	Φ_{2080} Φ_{1040} Φ_{416} Φ_{260} Φ_{208} Φ_{160} Φ_{130} Φ_{80} Φ_{65} Φ_{52} Φ_{32} Φ_{26} Φ_{16} Φ_{13} Φ_1
140265	1801	1980	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{179}{1980}$	$\frac{151}{330}$	Φ_{1980} Φ_{990} Φ_{660} Φ_{495} Φ_{396} Φ_{220} Φ_{198} Φ_{180} Φ_{165} Φ_{132} Φ_{99} Φ_{90} Φ_{60} Φ_{55} Φ_{45} Φ_{44} Φ_{36} Φ_{33} Φ_{20} Φ_{18} Φ_{12} Φ_{11} Φ_9 Φ_4 Φ_1
140266	1801	3300	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{151}{1650}$	$\frac{1499}{3300}$	Φ_{3300} Φ_{1100} Φ_{660} Φ_{300} Φ_{220} Φ_{165} Φ_{132} Φ_{100} Φ_{60} Φ_{55} Φ_{44} Φ_{33} Φ_{20} Φ_{12} Φ_{11} Φ_4 Φ_1
140267	1801	3280	$\frac{3}{164}$	$\frac{161}{1640}$	$\frac{1}{4}$	$\frac{1479}{3280}$	Φ_{3280} Φ_{656} Φ_{164} Φ_{82} Φ_{80} Φ_{41} Φ_{16} Φ_1
140268	1801	3240	$\frac{1}{90}$	$\frac{181}{1620}$	$\frac{89}{270}$	$\frac{1439}{3240}$	Φ_{3240} Φ_{1080} Φ_{648} Φ_{360} Φ_{270} Φ_{216} Φ_{135} Φ_{120} Φ_{72} Φ_{54} Φ_{40} Φ_{27} Φ_{24} Φ_8 Φ_1
140269	1801	1848	$\frac{47}{1848}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	Φ_{1848} Φ_{924} Φ_{616} Φ_{462} Φ_{308} Φ_{264} Φ_{231} Φ_{168} Φ_{154} Φ_{132} Φ_{88} Φ_{77} Φ_{66} Φ_{56} Φ_{44} Φ_{42} Φ_{33} Φ_{24} Φ_{22} Φ_{21} Φ_{14} Φ_{11} Φ_8 Φ_7 Φ_1
140270	1801	2688	$\frac{9}{896}$	$\frac{1}{8}$	$\frac{887}{2688}$	$\frac{7}{16}$	Φ_{2688} Φ_{1344} Φ_{672} Φ_{384} Φ_{336} Φ_{192} Φ_{168} Φ_{96} Φ_{84} Φ_{48} Φ_{42} Φ_{24} Φ_{21} Φ_{16} Φ_{12} Φ_6 Φ_3 Φ_1
140271	1801	1824	$\frac{23}{1824}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	Φ_{1824} Φ_{912} Φ_{608} Φ_{456} Φ_{304} Φ_{228} Φ_{152} Φ_{114} Φ_{96} Φ_{76} Φ_{57} Φ_{48} Φ_{38} Φ_{24} Φ_{19} Φ_{16} Φ_{12} Φ_6 Φ_3 Φ_1
140272	1801	2240	$\frac{9}{448}$	$\frac{1}{8}$	$\frac{439}{2240}$	$\frac{7}{16}$	Φ_{2240} Φ_{1120} Φ_{560} Φ_{320} Φ_{280} Φ_{160} Φ_{140} Φ_{80} Φ_{70} Φ_{40} Φ_{35} Φ_{20} Φ_{16} Φ_{10} Φ_5 Φ_1
140273	1801	1856	$\frac{55}{1856}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	Φ_{1856} Φ_{928} Φ_{464} Φ_{232} Φ_{116} Φ_{58} Φ_{29} Φ_{16} Φ_1
140274	1801	2048	$\frac{9}{256}$	$\frac{247}{2048}$	$\frac{1}{8}$	$\frac{7}{16}$	Φ_{2048} Φ_{1024} Φ_{512} Φ_{16} Φ_1
140275	1801	2016	$\frac{9}{224}$	$\frac{215}{2016}$	$\frac{1}{8}$	$\frac{7}{16}$	Φ_{2016} Φ_{1008} Φ_{672} Φ_{504} Φ_{336} Φ_{288} Φ_{252} Φ_{168} Φ_{144} Φ_{126} Φ_{96} Φ_{84} Φ_{72} Φ_{63} Φ_{48} Φ_{42} Φ_{36} Φ_{24} Φ_{21} Φ_{18} Φ_{16} Φ_{12} Φ_9 Φ_6 Φ_3 Φ_1
140276	1801	1904	$\frac{103}{1904}$	$\frac{9}{112}$	$\frac{1}{8}$	$\frac{7}{16}$	Φ_{1904} Φ_{952} Φ_{476} Φ_{272} Φ_{238} Φ_{136} Φ_{119} Φ_{68} Φ_{34} Φ_{17} Φ_{16} Φ_1

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
140277	1801	1920	$\frac{119}{1920}$	$\frac{9}{128}$	$\frac{1}{8}$	$\frac{7}{16}$	Φ_{1920} Φ_{960} Φ_{640} Φ_{480} Φ_{384} Φ_{320} Φ_{240} Φ_{192} Φ_{160} Φ_{120} Φ_{96} Φ_{80} Φ_{60} Φ_{48} Φ_{40} Φ_{30} Φ_{24} Φ_{20} Φ_{16} Φ_{15} Φ_{12} Φ_{10} Φ_{6} Φ_{5} Φ_{3} Φ_{1}
140278	1801	1960	$\frac{1}{20}$	$\frac{159}{1960}$	$\frac{19}{140}$	$\frac{121}{280}$	Φ_{1960} Φ_{980} Φ_{490} Φ_{392} Φ_{245} Φ_{196} Φ_{140} Φ_{98} Φ_{70} Φ_{49} Φ_{35} Φ_{28} Φ_{14} Φ_{7} Φ_{1}
140279	1801	2520	$\frac{1}{90}$	$\frac{89}{630}$	$\frac{719}{2520}$	$\frac{541}{1260}$	Φ_{2520} Φ_{840} Φ_{630} Φ_{504} Φ_{360} Φ_{315} Φ_{280} Φ_{210} Φ_{168} Φ_{126} Φ_{120} Φ_{105} Φ_{72} Φ_{70} Φ_{63} Φ_{56} Φ_{42} Φ_{40} Φ_{35} Φ_{24} Φ_{21} Φ_{14} Φ_{8} Φ_{7} Φ_{1}
140280	1801	3120	$\frac{1}{20}$	$\frac{19}{260}$	$\frac{241}{1560}$	$\frac{1319}{3120}$	Φ_{3120} Φ_{1040} Φ_{624} Φ_{260} Φ_{240} Φ_{208} Φ_{130} Φ_{80} Φ_{65} Φ_{52} Φ_{48} Φ_{26} Φ_{16} Φ_{13} Φ_{1}
140281	1801	3096	$\frac{5}{258}$	$\frac{253}{1548}$	$\frac{1}{6}$	$\frac{1295}{3096}$	Φ_{3096} Φ_{1032} Φ_{344} Φ_{258} Φ_{129} Φ_{86} Φ_{72} Φ_{43} Φ_{24} Φ_{8} Φ_{1}
140282	1801	2250	$\frac{1}{75}$	$\frac{74}{375}$	$\frac{449}{2250}$	$\frac{301}{750}$	Φ_{2250} Φ_{1125} Φ_{450} Φ_{375} Φ_{225} Φ_{125} Φ_{90} Φ_{45} Φ_{18} Φ_{9} Φ_{1}
140283	1801	3000	$\frac{1}{75}$	$\frac{74}{375}$	$\frac{301}{1500}$	$\frac{1199}{3000}$	Φ_{3000} Φ_{1000} Φ_{600} Φ_{375} Φ_{200} Φ_{125} Φ_{120} Φ_{40} Φ_{24} Φ_{8} Φ_{1}
140284	1801	1920	$\frac{1}{24}$	$\frac{119}{1920}$	$\frac{23}{96}$	$\frac{73}{192}$	Φ_{1920} Φ_{960} Φ_{640} Φ_{480} Φ_{384} Φ_{320} Φ_{240} Φ_{160} Φ_{128} Φ_{120} Φ_{96} Φ_{80} Φ_{60} Φ_{48} Φ_{40} Φ_{32} Φ_{30} Φ_{20} Φ_{16} Φ_{15} Φ_{10} Φ_{5} Φ_{1}
140285	1801	2880	$\frac{1}{120}$	$\frac{119}{480}$	$\frac{361}{1440}$	$\frac{1079}{2880}$	Φ_{2880} Φ_{960} Φ_{576} Φ_{480} Φ_{320} Φ_{240} Φ_{192} Φ_{160} Φ_{96} Φ_{80} Φ_{64} Φ_{48} Φ_{32} Φ_{16} Φ_{1}
140286	1801	1836	$\frac{35}{1836}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	Φ_{1836} Φ_{918} Φ_{612} Φ_{459} Φ_{306} Φ_{204} Φ_{153} Φ_{108} Φ_{102} Φ_{68} Φ_{51} Φ_{36} Φ_{34} Φ_{27} Φ_{17} Φ_{12} Φ_{4} Φ_{1}
140287	1801	2736	$\frac{1}{24}$	$\frac{23}{456}$	$\frac{433}{1368}$	$\frac{935}{2736}$	Φ_{2736} Φ_{912} Φ_{456} Φ_{304} Φ_{228} Φ_{152} Φ_{144} Φ_{114} Φ_{76} Φ_{57} Φ_{48} Φ_{38} Φ_{19} Φ_{16} Φ_{1}
140288	1801	1944	$\frac{1}{36}$	$\frac{143}{1944}$	$\frac{35}{108}$	$\frac{73}{216}$	Φ_{1944} Φ_{972} Φ_{648} Φ_{486} Φ_{324} Φ_{243} Φ_{162} Φ_{108} Φ_{81} Φ_{54} Φ_{27} Φ_{1}
140289	1801	2160	$\frac{1}{90}$	$\frac{359}{2160}$	$\frac{89}{270}$	$\frac{181}{540}$	Φ_{2160} Φ_{1080} Φ_{720} Φ_{432} Φ_{360} Φ_{270} Φ_{240} Φ_{216} Φ_{144} Φ_{135} Φ_{120} Φ_{80} Φ_{72} Φ_{54} Φ_{48} Φ_{40} Φ_{27} Φ_{24} Φ_{16} Φ_{8} Φ_{1}
140290	1801	2700	$\frac{1}{225}$	$\frac{224}{675}$	$\frac{899}{2700}$	$\frac{451}{1350}$	Φ_{2700} Φ_{900} Φ_{675} Φ_{540} Φ_{300} Φ_{180} Φ_{135} Φ_{108} Φ_{100} Φ_{60} Φ_{36} Φ_{27} Φ_{20} Φ_{12} Φ_{4} Φ_{1}
140291	1801	2430	$\frac{1}{90}$	$\frac{181}{810}$	$\frac{629}{2430}$	$\frac{89}{270}$	Φ_{2430} Φ_{1215} Φ_{486} Φ_{270} Φ_{243} Φ_{135} Φ_{54} Φ_{27} Φ_{1}
140292	1801	2322	$\frac{5}{258}$	$\frac{1}{6}$	$\frac{521}{2322}$	$\frac{253}{774}$	Φ_{2322} Φ_{1161} Φ_{258} Φ_{129} Φ_{86} Φ_{54} Φ_{43} Φ_{27} Φ_{1}
140293	1801	2673	$\frac{19}{891}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{872}{2673}$	Φ_{2673} Φ_{243} Φ_{27} Φ_{1}
140294	1801	2592	$\frac{1}{36}$	$\frac{73}{864}$	$\frac{791}{2592}$	$\frac{35}{108}$	Φ_{2592} Φ_{1296} Φ_{648} Φ_{324} Φ_{162} Φ_{108} Φ_{81} Φ_{54} Φ_{27} Φ_{1}
140295	1801	2160	$\frac{1}{36}$	$\frac{359}{2160}$	$\frac{73}{432}$	$\frac{35}{108}$	Φ_{2160} Φ_{1080} Φ_{720} Φ_{540} Φ_{360} Φ_{270} Φ_{240} Φ_{180} Φ_{135} Φ_{120} Φ_{108} Φ_{90} Φ_{80} Φ_{60} Φ_{54} Φ_{45} Φ_{40} Φ_{30} Φ_{27} Φ_{20} Φ_{15} Φ_{10} Φ_{5} Φ_{1}
140296	1801	2646	$\frac{37}{882}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{845}{2646}$	Φ_{2646} Φ_{1323} Φ_{378} Φ_{189} Φ_{54} Φ_{42} Φ_{27} Φ_{21} Φ_{14} Φ_{7} Φ_{1}
140297	1801	1995	$\frac{4}{95}$	$\frac{194}{1995}$	$\frac{1}{5}$	$\frac{91}{285}$	Φ_{1995} Φ_{665} Φ_{399} Φ_{133} Φ_{105} Φ_{95} Φ_{35} Φ_{21} Φ_{19} Φ_{7} Φ_{1}
140298	1801	2640	$\frac{41}{880}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{839}{2640}$	Φ_{2640} Φ_{1320} Φ_{660} Φ_{528} Φ_{330} Φ_{264} Φ_{240} Φ_{165} Φ_{132} Φ_{120} Φ_{66} Φ_{60} Φ_{48} Φ_{44} Φ_{33} Φ_{30} Φ_{24} Φ_{22} Φ_{15} Φ_{12} Φ_{11} Φ_{6} Φ_{3} Φ_{1}
140299	1801	2340	$\frac{1}{20}$	$\frac{19}{260}$	$\frac{539}{2340}$	$\frac{241}{780}$	Φ_{2340} Φ_{1170} Φ_{585} Φ_{468} Φ_{260} Φ_{234} Φ_{180} Φ_{130} Φ_{117} Φ_{90} Φ_{65} Φ_{52} Φ_{45} Φ_{36} Φ_{26} Φ_{18} Φ_{13} Φ_{9} Φ_{1}
140300	1801	2592	$\frac{1}{24}$	$\frac{73}{864}$	$\frac{23}{96}$	$\frac{791}{2592}$	Φ_{2592} Φ_{1296} Φ_{648} Φ_{324} Φ_{162} Φ_{96} Φ_{81} Φ_{48} Φ_{32} Φ_{16} Φ_{1}
140301	1801	2565	$\frac{4}{95}$	$\frac{91}{855}$	$\frac{1}{5}$	$\frac{764}{2565}$	Φ_{2565} Φ_{513} Φ_{135} Φ_{95} Φ_{27} Φ_{19} Φ_{1}
140302	1801	2376	$\frac{19}{594}$	$\frac{1}{9}$	$\frac{575}{2376}$	$\frac{8}{27}$	Φ_{2376} Φ_{1188} Φ_{792} Φ_{396} Φ_{264} Φ_{216} Φ_{132} Φ_{108} Φ_{88} Φ_{72} Φ_{44} Φ_{36} Φ_{27} Φ_{24} Φ_{12} Φ_{8} Φ_{4} Φ_{1}
140303	1801	1863	$\frac{62}{1863}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	Φ_{1863} Φ_{621} Φ_{207} Φ_{69} Φ_{27} Φ_{23} Φ_{1}
140304	1801	2079	$\frac{19}{297}$	$\frac{1}{9}$	$\frac{278}{2079}$	$\frac{8}{27}$	Φ_{2079} Φ_{693} Φ_{231} Φ_{189} Φ_{77} Φ_{63} Φ_{27} Φ_{21} Φ_{7} Φ_{1}
140305	1801	1944	$\frac{143}{1944}$	$\frac{1}{9}$	$\frac{19}{162}$	$\frac{8}{27}$	Φ_{1944} Φ_{972} Φ_{648} Φ_{486} Φ_{324} Φ_{243} Φ_{216} Φ_{108} Φ_{72} Φ_{36} Φ_{27} Φ_{24} Φ_{12} Φ_{8} Φ_{4} Φ_{1}
140306	1801	1890	$\frac{89}{1890}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{126}$	Φ_{1890} Φ_{945} Φ_{630} Φ_{378} Φ_{315} Φ_{270} Φ_{210} Φ_{189} Φ_{135} Φ_{105} Φ_{90} Φ_{70} Φ_{54} Φ_{45} Φ_{42} Φ_{35} Φ_{30} Φ_{27} Φ_{21} Φ_{15} Φ_{14} Φ_{10} Φ_{7} Φ_{5} Φ_{1}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
140307	1801	2100	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{299}{2100}$	$\frac{121}{420}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{140}\ \Phi_{100}\ \Phi_{75}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
140308	1801	2520	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{121}{840}$	$\frac{719}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
140309	1801	2475	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{151}{825}$	$\frac{674}{2475}$	$\Phi_{2475}\ \Phi_{495}\ \Phi_{225}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
140310	1801	2460	$\frac{3}{164}$	$\frac{161}{820}$	$\frac{1}{4}$	$\frac{659}{2460}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{615}\ \Phi_{492}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}\ \Phi_{60}\ \Phi_{41}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
140311	1801	2016	$\frac{1}{24}$	$\frac{215}{2016}$	$\frac{23}{96}$	$\frac{73}{288}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
140312	1801	1936	$\frac{3}{44}$	$\frac{135}{1936}$	$\frac{41}{176}$	$\frac{1}{4}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{121}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
140313	1801	1980	$\frac{3}{44}$	$\frac{179}{1980}$	$\frac{41}{220}$	$\frac{1}{4}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{60}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
140314	1801	2200	$\frac{3}{44}$	$\frac{41}{440}$	$\frac{399}{2200}$	$\frac{1}{4}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{44}\ \Phi_{25}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
140315	1801	2112	$\frac{3}{44}$	$\frac{41}{352}$	$\frac{311}{2112}$	$\frac{1}{4}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{64}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
140316	1801	2304	$\frac{1}{24}$	$\frac{73}{576}$	$\frac{503}{2304}$	$\frac{23}{96}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
140317	1801	2352	$\frac{37}{588}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{551}{2352}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{784}\ \Phi_{392}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
140318	1801	2240	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{439}{2240}$	$\frac{121}{560}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{64}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
140319	1801	2280	$\frac{4}{95}$	$\frac{91}{570}$	$\frac{1}{5}$	$\frac{479}{2280}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{456}\ \Phi_{380}\ \Phi_{228}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{19}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
140320	1801	2016	$\frac{215}{2016}$	$\frac{5}{42}$	$\frac{37}{252}$	$\frac{1}{6}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
140321	1801	2058	$\frac{5}{42}$	$\frac{257}{2058}$	$\frac{37}{294}$	$\frac{1}{6}$	$\Phi_{2058}\ \Phi_{1029}\ \Phi_{686}\ \Phi_{343}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
140322	1802	3360	$\frac{1}{105}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{52}{105}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{105}\ \Phi_{96}\ \Phi_{35}\ \Phi_{32}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
140323	1802	840	$\frac{1}{105}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{52}{105}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^3\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{7}^3\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
140324	1802	420	$\frac{1}{105}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{52}{105}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^5\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^5\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_{7}^5\ \Phi_{6}^4\ \Phi_{5}^6\ \Phi_{4}^4\ \Phi_{3}^5\ \Phi_{2}^4\ \Phi_{1}^6$
140325	1802	1782	$\frac{10}{891}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{881}{1782}$	$\Phi_{1782}^2\ \Phi_{594}^2\ \Phi_{198}^2\ \Phi_{162}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{6}^2\ \Phi_{2}^2$
140326	1802	984	$\frac{1}{82}$	$\frac{83}{984}$	$\frac{1}{3}$	$\frac{81}{164}$	$\Phi_{984}^2\ \Phi_{492}\ \Phi_{328}^2\ \Phi_{246}^2\ \Phi_{164}^2\ \Phi_{123}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{24}^2\ \Phi_{12}\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
140327	1802	3432	$\frac{1}{52}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{51}{104}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{264}\ \Phi_{104}^2\ \Phi_{88}\ \Phi_{33}\ \Phi_{24}\ \Phi_{11}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
140328	1802	936	$\frac{1}{52}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{936}^4\ \Phi_{312}^3\ \Phi_{104}^4\ \Phi_{72}^4\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{8}^4\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
140329	1802	1144	$\frac{1}{52}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{51}{104}$	$\Phi_{1144}^3\ \Phi_{104}^4\ \Phi_{88}^3\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{8}^4\ \Phi_{2}^2\ \Phi_{1}^2$
140330	1802	5280	$\frac{21}{880}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{859}{1760}$	$\Phi_{5280}\ \Phi_{1056}\ \Phi_{480}\ \Phi_{96}\ \Phi_{66}\ \Phi_{33}\ \Phi_{6}$
140331	1802	858	$\frac{1}{33}$	$\frac{1}{26}$	$\frac{25}{78}$	$\frac{16}{33}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{78}^3\ \Phi_{66}^2\ \Phi_{39}^3\ \Phi_{33}^3\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{13}^2\ \Phi_{11}^3\ \Phi_{6}^3\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
140332	1802	1848	$\frac{1}{33}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{88}\ \Phi_{84}\ \Phi_{77}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{11}\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{3}\ \Phi_{1}^2$
140333	1802	2145	$\frac{1}{33}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{16}{33}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{195}\ \Phi_{165}\ \Phi_{65}^2\ \Phi_{55}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
140334	1802	3570	$\frac{1}{35}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{3570}\ \Phi_{1190}\ \Phi_{714}\ \Phi_{510}\ \Phi_{238}\ \Phi_{210}\ \Phi_{170}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
140335	1802	924	$\frac{23}{924}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
140336	1802	1722	$\frac{1}{41}$	$\frac{40}{861}$	$\frac{1}{3}$	$\frac{821}{1722}$	$\Phi_{1722}^2\ \Phi_{574}^2\ \Phi_{246}^2\ \Phi_{123}\ \Phi_{82}^2\ \Phi_{42}^2\ \Phi_{14}^2\ \Phi_{6}^2\ \Phi_{2}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
140337	1802	2520	$\frac{1}{35}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{126}\ \Phi_{120}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{56}\ \Phi_{45}\ \Phi_{42}\ \Phi_{40}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
140338	1802	864	$\frac{1}{54}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{864}^4\ \Phi_{288}^4\ \Phi_{96}^3\ \Phi_{54}^2\ \Phi_{32}^4\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
140339	1802	1120	$\frac{1}{35}$	$\frac{1}{16}$	$\frac{17}{70}$	$\frac{15}{32}$	$\Phi_{1120}^3\ \Phi_{224}^3\ \Phi_{160}^3\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{32}^4\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
140340	1802	1760	$\frac{2}{55}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{1760}^2\ \Phi_{352}^2\ \Phi_{160}\ \Phi_{55}^2\ \Phi_{32}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
140341	1802	2016	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{10}{63}$	$\frac{15}{32}$	$\Phi_{2016}^2\ \Phi_{672}\ \Phi_{288}^2\ \Phi_{224}\ \Phi_{96}\ \Phi_{63}^2\ \Phi_{32}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
140342	1802	224	$\frac{3}{56}$	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{224}^{15}\ \Phi_{56}^2\ \Phi_{32}^{16}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
140343	1802	480	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{15}{32}$	$\Phi_{480}^7\ \Phi_{160}^7\ \Phi_{96}^7\ \Phi_{60}^2\ \Phi_{32}^8\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
140344	1802	4920	$\frac{1}{82}$	$\frac{81}{820}$	$\frac{1}{3}$	$\frac{739}{1640}$	$\Phi_{4920}\ \Phi_{984}\ \Phi_{246}\ \Phi_{123}\ \Phi_{120}\ \Phi_{24}\ \Phi_6$
140345	1802	3360	$\frac{1}{35}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{210}\ \Phi_{160}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
140346	1802	3210	$\frac{1}{107}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{3210}\ \Phi_{1070}\ \Phi_{642}\ \Phi_{321}\ \Phi_{214}$
140347	1802	270	$\frac{1}{54}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{270}^7\ \Phi_{135}^7\ \Phi_{90}^7\ \Phi_{54}^6\ \Phi_{45}^7\ \Phi_{30}^5\ \Phi_{27}^6\ \Phi_{18}^6\ \Phi_{15}^7\ \Phi_{10}^5\ \Phi_9^6\ \Phi_6^4\ \Phi_5^6\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
140348	1802	378	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{378}^5\ \Phi_{189}^5\ \Phi_{126}^5\ \Phi_{63}^5\ \Phi_{54}^4\ \Phi_{42}^5\ \Phi_{27}^4\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^5\ \Phi_9^4\ \Phi_7^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
140349	1802	2568	$\frac{1}{107}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{2568}\ \Phi_{856}\ \Phi_{642}\ \Phi_{321}\ \Phi_{214}$
140350	1802	420	$\frac{1}{35}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}^4\ \Phi_{210}^5\ \Phi_{140}^4\ \Phi_{105}^5\ \Phi_{84}^4\ \Phi_{70}^5\ \Phi_{60}^3\ \Phi_{42}^5\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^5\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{14}^5\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
140351	1802	630	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{630}^5\ \Phi_{315}\ \Phi_{210}^5\ \Phi_{126}^5\ \Phi_{105}\ \Phi_{90}^4\ \Phi_{70}^5\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}^5\ \Phi_{30}^4\ \Phi_{21}\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{14}^5\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
140352	1802	540	$\frac{1}{54}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{540}^4\ \Phi_{270}^3\ \Phi_{180}^4\ \Phi_{135}^3\ \Phi_{108}^4\ \Phi_{90}^3\ \Phi_{60}^4\ \Phi_{54}^2\ \Phi_{45}^3\ \Phi_{36}^4\ \Phi_{30}^3\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_{10}\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
140353	1802	756	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{756}^4\ \Phi_{378}\ \Phi_{252}^4\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}^4\ \Phi_{84}^4\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}^4\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^4\ \Phi_4^2$
140354	1802	984	$\frac{1}{41}$	$\frac{83}{984}$	$\frac{40}{123}$	$\frac{1}{3}$	$\Phi_{984}^2\ \Phi_{492}^2\ \Phi_{328}^2\ \Phi_{246}^2\ \Phi_{164}^2\ \Phi_{123}\ \Phi_{82}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
140355	1802	234	$\frac{1}{26}$	$\frac{1}{18}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{234}^8\ \Phi_{117}^8\ \Phi_{78}^7\ \Phi_{39}^7\ \Phi_{26}^6\ \Phi_{18}^{10}\ \Phi_{13}^6\ \Phi_9^{10}\ \Phi_6^9\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
140356	1802	1320	$\frac{1}{22}$	$\frac{21}{440}$	$\frac{419}{1320}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}^2\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
140357	1802	924	$\frac{23}{924}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
140358	1802	216	$\frac{1}{54}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{216}^8\ \Phi_{108}^8\ \Phi_{72}^8\ \Phi_{54}^{10}\ \Phi_{36}^8\ \Phi_{27}^{10}\ \Phi_{24}^7\ \Phi_{18}^{10}\ \Phi_{12}^7\ \Phi_9^{10}\ \Phi_8^6\ \Phi_6^9\ \Phi_4^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
140359	1802	1230	$\frac{1}{82}$	$\frac{81}{410}$	$\frac{329}{1230}$	$\frac{1}{3}$	$\Phi_{1230}\ \Phi_{615}\ \Phi_{410}^2\ \Phi_{246}^2\ \Phi_{205}^2\ \Phi_{123}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
140360	1802	540	$\frac{1}{54}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{60}^3\ \Phi_{54}^2\ \Phi_{45}^4\ \Phi_{30}^3\ \Phi_{27}^2\ \Phi_{20}^4\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
140361	1802	504	$\frac{3}{56}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^3\ \Phi_{126}^4\ \Phi_{84}^3\ \Phi_{72}^4\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{42}^3\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_7^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
140362	1802	1188	$\frac{10}{297}$	$\frac{1}{11}$	$\frac{287}{1188}$	$\frac{1}{3}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
140363	1802	2904	$\frac{1}{22}$	$\frac{67}{968}$	$\frac{21}{88}$	$\frac{1}{3}$	$\Phi_{2904}\ \Phi_{1452}\ \Phi_{726}\ \Phi_{363}\ \Phi_{66}\ \Phi_{33}\ \Phi_6$
140364	1802	330	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{330}^{11}\ \Phi_{165}^6\ \Phi_{66}^9\ \Phi_{33}^5\ \Phi_{30}^{11}\ \Phi_{15}^6\ \Phi_6^9\ \Phi_3^4$
140365	1802	3444	$\frac{1}{41}$	$\frac{40}{287}$	$\frac{247}{1148}$	$\frac{1}{3}$	$\Phi_{3444}\ \Phi_{1722}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}\ \Phi_6$
140366	1802	990	$\frac{1}{22}$	$\frac{89}{990}$	$\frac{21}{110}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
140367	1802	1170	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{390}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{90}^2\ \Phi_{65}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}$ $\Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
140368	1802	3300	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{199}{1100}$	$\frac{1}{3}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{825}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{66}\ \Phi_{33}\ \Phi_6$
140369	1802	1056	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{155}{1056}$	$\frac{1}{3}$	$\Phi_{1056}^2\ \Phi_{528}\ \Phi_{352}^2\ \Phi_{264}\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{96}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{48}\ \Phi_{44}^2$ $\Phi_{33}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
140370	1802	990	$\frac{89}{990}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}$ $\Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_2^2$
140371	1802	858	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{25}{78}$	$\Phi_{858}^3\ \Phi_{429}^3\ \Phi_{78}^4\ \Phi_{66}^3\ \Phi_{39}^4\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{11}\ \Phi_6^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^2$
140372	1802	840	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{17}{70}$	$\frac{7}{24}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{35}$ $\Phi_{30}^3\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_7\ \Phi_6^4\ \Phi_5\ \Phi_3^4\ \Phi_2^2\ \Phi_1^2$
140373	1802	1320	$\frac{2}{55}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{330}^2\ \Phi_{264}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{120}\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{33}^2$ $\Phi_{30}\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
140374	1802	504	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{10}{63}$	$\frac{7}{24}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^2\ \Phi_{126}^4\ \Phi_{84}^2\ \Phi_{72}^4\ \Phi_{63}^6\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}^4\ \Phi_{28}^2\ \Phi_{24}^3$ $\Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^6\ \Phi_8^2\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
140375	1802	168	$\frac{3}{56}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{168}^{15}\ \Phi_{84}^{15}\ \Phi_{56}^2\ \Phi_{42}^{15}\ \Phi_{28}^2\ \Phi_{24}^{16}\ \Phi_{21}^{15}\ \Phi_{14}^2\ \Phi_{12}^{16}\ \Phi_8^2\ \Phi_7\ \Phi_6^{16}\ \Phi_4^2$ $\Phi_3^{16}\ \Phi_2^2\ \Phi_1^2$
140376	1802	120	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{120}^{14}\ \Phi_{60}^{16}\ \Phi_{40}^{14}\ \Phi_{30}^{16}\ \Phi_{24}^{15}\ \Phi_{20}^{16}\ \Phi_{15}^{15}\ \Phi_{12}^{17}\ \Phi_{10}^{16}\ \Phi_8^{14}\ \Phi_6^{17}\ \Phi_5^{15}$ $\Phi_4^{16}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{16}$
140377	1802	270	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{270}^7\ \Phi_{135}^7\ \Phi_{90}^7\ \Phi_{54}^6\ \Phi_{45}^6\ \Phi_{30}^7\ \Phi_{27}^6\ \Phi_{18}^6\ \Phi_{15}^7\ \Phi_{10}^7\ \Phi_9^5\ \Phi_6^6\ \Phi_5^6$ $\Phi_3^6\ \Phi_2^6\ \Phi_1^6$
140378	1802	2520	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{126}$ $\Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
140379	1802	140	$\frac{1}{35}$	$\frac{3}{20}$	$\frac{17}{70}$	$\frac{1}{4}$	$\Phi_{140}^{12}\ \Phi_{70}^{14}\ \Phi_{35}^{13}\ \Phi_{28}^{12}\ \Phi_{20}^{13}\ \Phi_{14}^{14}\ \Phi_{10}^{15}\ \Phi_7^{13}\ \Phi_5^{14}\ \Phi_4^{12}\ \Phi_2^{14}\ \Phi_1^{14}$
140380	1802	616	$\frac{3}{56}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{616}^3\ \Phi_{308}^3\ \Phi_{154}^3\ \Phi_{88}^3\ \Phi_{77}^3\ \Phi_{56}^4\ \Phi_{28}^4\ \Phi_{22}^2\ \Phi_{14}^4\ \Phi_{11}\ \Phi_8^4\ \Phi_7^4$ $\Phi_2^2\ \Phi_1^2$
140381	1802	220	$\frac{2}{55}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{220}^8\ \Phi_{110}^8\ \Phi_{55}^{10}\ \Phi_{44}^8\ \Phi_{22}^8\ \Phi_{20}^5\ \Phi_{11}^{10}\ \Phi_{10}^5\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
140382	1802	1260	$\frac{1}{21}$	$\frac{3}{20}$	$\frac{10}{63}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}\ \Phi_{315}^2\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}\ \Phi_{63}^2$ $\Phi_{60}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
140383	1802	280	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{280}^8\ \Phi_{140}^7\ \Phi_{70}^7\ \Phi_{56}^2\ \Phi_{40}^8\ \Phi_{35}^7\ \Phi_{28}^2\ \Phi_{20}^8\ \Phi_{14}^2\ \Phi_{10}^8\ \Phi_8^2\ \Phi_7\ \Phi_5^8$ $\Phi_4^2\ \Phi_2^2\ \Phi_1^2$
140384	1802	60	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{60}^{30}\ \Phi_{30}^{30}\ \Phi_{20}^{31}\ \Phi_{15}^{29}\ \Phi_{12}^{30}\ \Phi_{10}^{31}\ \Phi_6^{30}\ \Phi_5^{30}\ \Phi_4^{30}\ \Phi_3^{29}\ \Phi_2^{30}\ \Phi_1^{30}$
140385	1802	1430	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{12}{65}$	$\frac{5}{22}$	$\Phi_{1430}^2\ \Phi_{715}\ \Phi_{130}^2\ \Phi_{110}^2\ \Phi_{65}^2\ \Phi_{55}\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
140386	1803	3392	$\frac{1}{106}$	$\frac{107}{1696}$	$\frac{1589}{3392}$	$\frac{105}{212}$	$\Phi_{3392}\ \Phi_{212}\ \Phi_{64}\ \Phi_4\ \Phi_1$
140387	1803	848	$\frac{1}{106}$	$\frac{107}{848}$	$\frac{247}{848}$	$\frac{105}{212}$	$\Phi_{848}^2\ \Phi_{424}^2\ \Phi_{212}^3\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
140388	1803	2120	$\frac{1}{106}$	$\frac{317}{2120}$	$\frac{107}{424}$	$\frac{105}{212}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{265}\ \Phi_{212}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
140389	1803	2380	$\frac{6}{595}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{589}{1190}$	$\Phi_{2380}\ \Phi_{595}\ \Phi_{476}\ \Phi_{340}\ \Phi_{140}\ \Phi_{119}\ \Phi_{85}\ \Phi_{68}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}$ $\Phi_{17}\ \Phi_{14}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
140390	1803	688	$\frac{1}{86}$	$\frac{87}{688}$	$\frac{1}{4}$	$\frac{85}{172}$	$\Phi_{688}^3\ \Phi_{344}^3\ \Phi_{172}^2\ \Phi_{86}\ \Phi_{43}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
140391	1803	3536	$\frac{35}{1768}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{1733}{3536}$	$\Phi_{3536}\ \Phi_{272}\ \Phi_{208}\ \Phi_{68}\ \Phi_{16}\ \Phi_4\ \Phi_1$
140392	1803	1176	$\frac{13}{588}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{575}{1176}$	$\Phi_{1176}^3\ \Phi_{392}^3\ \Phi_{168}^3\ \Phi_{56}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{14}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
140393	1803	884	$\frac{1}{34}$	$\frac{35}{884}$	$\frac{283}{884}$	$\frac{33}{68}$	$\Phi_{884}^2\ \Phi_{442}^2\ \Phi_{221}^2\ \Phi_{68}^3\ \Phi_{52}^2\ \Phi_{34}^2\ \Phi_{26}^2\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
140394	1803	1904	$\frac{1}{34}$	$\frac{101}{1904}$	$\frac{35}{136}$	$\frac{33}{68}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{272}\ \Phi_{238}\ \Phi_{119}\ \Phi_{112}\ \Phi_{68}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}$ $\Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
140395	1803	1156	$\frac{1}{34}$	$\frac{23}{578}$	$\frac{11}{34}$	$\frac{555}{1156}$	$\Phi_{1156}^3\ \Phi_{68}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
140396	1803	816	$\frac{1}{34}$	$\frac{11}{204}$	$\frac{215}{816}$	$\frac{193}{408}$	$\Phi_{816}^3\ \Phi_{272}^3\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{68}^3\ \Phi_{51}^3\ \Phi_{48}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3$ $\Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
140397	1803	616	$\frac{15}{616}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{616}^3\ \Phi_{308}^3\ \Phi_{154}^3\ \Phi_{88}^3\ \Phi_{77}^3\ \Phi_{56}^3\ \Phi_{44}^3\ \Phi_{28}^2\ \Phi_{22}^3\ \Phi_{14}\ \Phi_{11}^3\ \Phi_8^3$ $\Phi_7\ \Phi_4\ \Phi_1$
140398	1803	2236	$\frac{1}{43}$	$\frac{42}{559}$	$\frac{1}{4}$	$\frac{517}{1118}$	$\Phi_{2236}\ \Phi_{559}\ \Phi_{172}^2\ \Phi_{86}\ \Phi_{52}\ \Phi_{43}\ \Phi_{13}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
140399	1803	1088	$\frac{1}{34}$	$\frac{57}{544}$	$\frac{11}{68}$	$\frac{487}{1088}$	$\Phi_{1088}^3\ \Phi_{68}^3\ \Phi_{64}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
140400	1803	1060	$\frac{1}{106}$	$\frac{71}{530}$	$\frac{35}{106}$	$\frac{459}{1060}$	$\Phi_{1060}^3\ \Phi_{212}^3\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{20}^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
140401	1803	1060	$\frac{1}{53}$	$\frac{71}{530}$	$\frac{52}{265}$	$\frac{459}{1060}$	$\Phi_{1060}^3\ \Phi_{265}\ \Phi_{212}^3\ \Phi_{20}^3\ \Phi_5\ \Phi_4^3\ \Phi_1$
140402	1803	742	$\frac{1}{53}$	$\frac{52}{371}$	$\frac{141}{742}$	$\frac{319}{742}$	$\Phi_{742}^2\ \Phi_{371}^3\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{14}^2\ \Phi_7^3\ \Phi_2^2\ \Phi_1^3$
140403	1803	680	$\frac{1}{34}$	$\frac{79}{680}$	$\frac{11}{68}$	$\frac{57}{136}$	$\Phi_{680}^3\ \Phi_{340}^3\ \Phi_{170}^3\ \Phi_{85}^3\ \Phi_{68}^3\ \Phi_{40}^3\ \Phi_{34}^2\ \Phi_{20}^3\ \Phi_{17}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
140404	1803	1032	$\frac{1}{86}$	$\frac{85}{516}$	$\frac{1}{4}$	$\frac{431}{1032}$	$\Phi_{1032}^3\ \Phi_{344}^3\ \Phi_{172}^2\ \Phi_{86}\ \Phi_{43}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
140405	1803	848	$\frac{1}{106}$	$\frac{35}{212}$	$\frac{247}{848}$	$\frac{177}{424}$	$\Phi_{848}^3\ \Phi_{212}^3\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{16}^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
140406	1803	1020	$\frac{1}{34}$	$\frac{11}{102}$	$\frac{91}{510}$	$\frac{419}{1020}$	$\Phi_{1020}^3\ \Phi_{340}^3\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{68}^3\ \Phi_{60}^3\ \Phi_{51}^3\ \Phi_{34}^2\ \Phi_{20}^3\ \Phi_{17}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
140407	1803	2120	$\frac{1}{53}$	$\frac{317}{2120}$	$\frac{52}{265}$	$\frac{213}{530}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{424}\ \Phi_{265}\ \Phi_{212}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
140408	1803	2968	$\frac{1}{53}$	$\frac{52}{371}$	$\frac{319}{1484}$	$\frac{1165}{2968}$	$\Phi_{2968}\ \Phi_{424}\ \Phi_{371}\ \Phi_{56}\ \Phi_8\ \Phi_7\ \Phi_1$
140409	1803	1548	$\frac{1}{86}$	$\frac{173}{774}$	$\frac{1}{4}$	$\frac{85}{258}$	$\Phi_{1548}^2\ \Phi_{774}\ \Phi_{387}\ \Phi_{172}^2\ \Phi_{86}\ \Phi_{43}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
140410	1803	1764	$\frac{13}{294}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{281}{882}$	$\Phi_{1764}^2\ \Phi_{882}\ \Phi_{441}\ \Phi_{252}^2\ \Phi_{126}\ \Phi_{63}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
140411	1803	1260	$\frac{29}{630}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
140412	1803	795	$\frac{1}{53}$	$\frac{52}{265}$	$\frac{194}{795}$	$\frac{71}{265}$	$\Phi_{795}^3\ \Phi_{265}\ \Phi_{159}^3\ \Phi_{15}^3\ \Phi_5\ \Phi_3^3\ \Phi_1$
140413	1803	816	$\frac{1}{34}$	$\frac{11}{68}$	$\frac{57}{272}$	$\frac{215}{816}$	$\Phi_{816}^3\ \Phi_{408}^3\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{68}^3\ \Phi_{51}^3\ \Phi_{48}^3\ \Phi_{34}^2\ \Phi_{24}^3\ \Phi_{17}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
140414	1803	784	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{183}{784}$	$\frac{1}{4}$	$\Phi_{784}^3\ \Phi_{392}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
140415	1803	1260	$\frac{29}{630}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
140416	1803	1428	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{113}{714}$	$\frac{1}{4}$	$\Phi_{1428}^2\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{204}^2\ \Phi_{119}\ \Phi_{102}\ \Phi_{84}^2\ \Phi_{68}\ \Phi_{51}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{17}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
140417	1803	672	$\frac{1}{14}$	$\frac{71}{672}$	$\frac{13}{84}$	$\frac{1}{4}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{14}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
140418	1803	1372	$\frac{1}{14}$	$\frac{85}{686}$	$\frac{13}{98}$	$\frac{1}{4}$	$\Phi_{1372}^2\ \Phi_{686}\ \Phi_{343}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
140419	1804	900	$\frac{1}{450}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{449}{900}$	$\Phi_{900}^4\ \Phi_{300}^4\ \Phi_{180}^4\ \Phi_{100}^4\ \Phi_{60}^4\ \Phi_{36}^4\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
140420	1804	1806	$\frac{1}{301}$	$\frac{151}{602}$	$\frac{1}{3}$	$\frac{150}{301}$	$\Phi_{1806}^2\ \Phi_{903}\ \Phi_{258}^2\ \Phi_{129}\ \Phi_{42}^2\ \Phi_{21}\ \Phi_6^2$
140421	1804	3260	$\frac{1}{163}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{81}{163}$	$\Phi_{3260}\ \Phi_{652}\ \Phi_{163}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
140422	1804	2445	$\frac{1}{163}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{81}{163}$	$\Phi_{2445}\ \Phi_{489}\ \Phi_{163}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
140423	1804	2688	$\frac{3}{448}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{445}{896}$	$\Phi_{2688}^2\ \Phi_{384}^2\ \Phi_{21}$
140424	1804	4480	$\frac{3}{448}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{445}{896}$	$\Phi_{4480}\ \Phi_{640}\ \Phi_{20}\ \Phi_{10}$
140425	1804	516	$\frac{1}{129}$	$\frac{65}{516}$	$\frac{1}{3}$	$\frac{64}{129}$	$\Phi_{516}^4\ \Phi_{258}^4\ \Phi_{172}^4\ \Phi_{129}^2\ \Phi_{86}^4\ \Phi_{43}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
140426	1804	1785	$\frac{19}{1785}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{883}{1785}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}\ \Phi_{85}\ \Phi_{51}\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{17}\ \Phi_{15}\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
140427	1804	567	$\frac{1}{81}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{40}{81}$	$\Phi_{567}^3\ \Phi_{189}^3\ \Phi_{81}^4\ \Phi_{63}^3\ \Phi_{27}^4\ \Phi_{21}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_3^5\ \Phi_1^6$
140428	1804	324	$\frac{1}{81}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{40}{81}$	$\Phi_{324}^6\ \Phi_{162}^6\ \Phi_{108}^6\ \Phi_{81}^4\ \Phi_{54}^6\ \Phi_{36}^6\ \Phi_{27}^4\ \Phi_{18}^6\ \Phi_{12}^8\ \Phi_9^4\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
140429	1804	1134	$\frac{1}{81}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{40}{81}$	$\Phi_{1134}^2\ \Phi_{567}\ \Phi_{378}^2\ \Phi_{189}\ \Phi_{162}^2\ \Phi_{126}^2\ \Phi_{81}^2\ \Phi_{63}\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^4\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
140430	1804	1803	$\frac{23}{1803}$	$\frac{83}{1803}$	$\frac{860}{1803}$	$\frac{890}{1803}$	$\Phi_{1803}\ \Phi_{601}\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
140431	1804	660	$\frac{1}{55}$	$\frac{1}{12}$	$\frac{14}{55}$	$\frac{27}{55}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{110}^3\ \Phi_{66}^3\ \Phi_{60}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{22}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2$
140432	1804	882	$\frac{10}{441}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{431}{882}$	$\Phi_{882}^4\ \Phi_{294}^4\ \Phi_{126}^4\ \Phi_{98}^4\ \Phi_{42}^4\ \Phi_{21}^2\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_7^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
140433	1804	1803	$\frac{41}{1803}$	$\frac{122}{1803}$	$\frac{461}{1803}$	$\frac{881}{1803}$	$\Phi_{1803}\ \Phi_{601}\ \Phi_3\ \Phi_1^2$
140434	1804	3440	$\frac{1}{43}$	$\frac{1}{40}$	$\frac{39}{80}$	$\frac{21}{43}$	$\Phi_{3440}\ \Phi_{688}\ \Phi_{80}^2\ \Phi_{43}\ \Phi_{16}^2\ \Phi_1^2$
140435	1804	129	$\frac{1}{43}$	$\frac{2}{43}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{129}^{21}\ \Phi_3^{20}$
140436	1804	2580	$\frac{1}{43}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{21}{43}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{645}\ \Phi_{516}\ \Phi_{258}\ \Phi_{129}\ \Phi_{60}^2\ \Phi_{43}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
140437	1804	1892	$\frac{1}{43}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{21}{43}$	$\Phi_{1892}\ \Phi_{946}\ \Phi_{473}\ \Phi_{44}^2\ \Phi_{43}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_1^2$
140438	1804	1935	$\frac{1}{43}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{21}{43}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{387}\ \Phi_{129}\ \Phi_{45}^2\ \Phi_{43}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
140439	1804	2150	$\frac{1}{43}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{21}{43}$	$\Phi_{2150}\ \Phi_{1075}\ \Phi_{50}^2\ \Phi_{43}\ \Phi_{25}^2\ \Phi_1^2$
140440	1804	2064	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{21}{43}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{688}\ \Phi_{516}\ \Phi_{258}\ \Phi_{129}\ \Phi_{48}^2\ \Phi_{43}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
140441	1804	5520	$\frac{1}{40}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{5520}\ \Phi_{1104}\ \Phi_{69}$
140442	1804	3440	$\frac{1}{40}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{39}{80}$	$\Phi_{3440}\ \Phi_{688}\ \Phi_{80}^2\ \Phi_{43}\ \Phi_{16}^2\ \Phi_1^2$
140443	1804	240	$\frac{1}{40}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{39}{80}$	$\Phi_{240}^{16}\ \Phi_{80}^{12}\ \Phi_{60}\ \Phi_{48}^{16}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}^{12}\ \Phi_{15}\ \Phi_{10}$
140444	1804	396	$\frac{1}{33}$	$\frac{1}{12}$	$\frac{17}{99}$	$\frac{16}{33}$	$\Phi_{396}^6\ \Phi_{198}^6\ \Phi_{132}^3\ \Phi_{99}^4\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{36}^6\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{18}^6\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_9^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
140445	1804	42	$\frac{1}{42}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{42}^{44}\ \Phi_{21}^{42}\ \Phi_{14}^{44}\ \Phi_7^{42}\ \Phi_6^{44}\ \Phi_3^{41}\ \Phi_2^{44}\ \Phi_1^{42}$
140446	1804	378	$\frac{1}{27}$	$\frac{1}{21}$	$\frac{13}{54}$	$\frac{10}{21}$	$\Phi_{378}^6\ \Phi_{189}^3\ \Phi_{126}^6\ \Phi_{63}^3\ \Phi_{54}^8\ \Phi_{42}^6\ \Phi_{27}^4\ \Phi_{21}^4\ \Phi_{18}^8\ \Phi_{14}^6\ \Phi_9^4\ \Phi_7^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
140447	1804	315	$\frac{1}{21}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{10}{21}$	$\Phi_{315}^6\ \Phi_{105}^6\ \Phi_{63}^3\ \Phi_{45}^8\ \Phi_{35}^6\ \Phi_{21}^4\ \Phi_{15}^8\ \Phi_9^4\ \Phi_7^4\ \Phi_5^8\ \Phi_3^5\ \Phi_1^6$
140448	1804	2580	$\frac{1}{43}$	$\frac{21}{430}$	$\frac{1}{3}$	$\frac{409}{860}$	$\Phi_{2580}^2\ \Phi_{516}^2\ \Phi_{129}\ \Phi_{60}^2\ \Phi_{12}^2$
140449	1804	1170	$\frac{1}{45}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{1170}^3\ \Phi_{390}^3\ \Phi_{234}^3\ \Phi_{130}^3\ \Phi_{90}^3\ \Phi_{78}^2\ \Phi_{45}^2\ \Phi_{30}^3\ \Phi_{26}^2\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
140450	1804	924	$\frac{5}{77}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{36}{77}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}^3\ \Phi_{84}^2\ \Phi_{66}^3\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{33}^3\ \Phi_{28}^2\ \Phi_{22}^3\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2$
140451	1804	210	$\frac{1}{42}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{210}^9\ \Phi_{105}^9\ \Phi_{70}^9\ \Phi_{42}^8\ \Phi_{35}^9\ \Phi_{30}^9\ \Phi_{21}^8\ \Phi_{15}^6\ \Phi_{14}^8\ \Phi_{10}^9\ \Phi_7^8\ \Phi_6^8\ \Phi_5^6\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
140452	1804	180	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{4}{45}$	$\frac{7}{15}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}^9\ \Phi_{45}^8\ \Phi_{36}^{12}\ \Phi_{30}^9\ \Phi_{20}^9\ \Phi_{18}^{12}\ \Phi_{15}^6\ \Phi_{12}^8\ \Phi_{10}^9\ \Phi_9^8\ \Phi_6^8\ \Phi_5^6\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
140453	1804	2520	$\frac{1}{45}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{126}\ \Phi_{120}\ \Phi_{105}\ \Phi_{90}\ \Phi_{72}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{10}\ \Phi_6$
140454	1804	1677	$\frac{2}{129}$	$\frac{127}{1677}$	$\frac{1}{3}$	$\frac{775}{1677}$	$\Phi_{1677}\ \Phi_{559}\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_{39}\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
140455	1804	1803	$\frac{32}{1803}$	$\frac{161}{1803}$	$\frac{491}{1803}$	$\frac{821}{1803}$	$\Phi_{1803}\ \Phi_{601}\ \Phi_3\ \Phi_1^2$
140456	1804	903	$\frac{4}{301}$	$\frac{27}{301}$	$\frac{1}{3}$	$\frac{137}{301}$	$\Phi_{903}^3\ \Phi_{129}^3\ \Phi_{21}^3\ \Phi_3^2$
140457	1804	132	$\frac{3}{44}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{132}^{15}\ \Phi_{66}^{15}\ \Phi_{44}^{11}\ \Phi_{33}^{15}\ \Phi_{22}^{11}\ \Phi_{12}^{14}\ \Phi_{11}^{12}\ \Phi_6^{14}\ \Phi_4^{10}\ \Phi_3^{14}\ \Phi_2^{10}\ \Phi_1^{12}$
140458	1804	300	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{7}{75}$	$\frac{34}{75}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^6\ \Phi_{75}^4\ \Phi_{60}^9\ \Phi_{50}^6\ \Phi_{30}^9\ \Phi_{25}^4\ \Phi_{20}^9\ \Phi_{15}^6\ \Phi_{12}^8\ \Phi_{10}^9\ \Phi_6^8\ \Phi_5^6\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
140459	1804	4980	$\frac{1}{83}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{4980}\ \Phi_{996}\ \Phi_{249}$
140460	1804	3260	$\frac{3}{163}$	$\frac{1}{10}$	$\frac{40}{163}$	$\frac{9}{20}$	$\Phi_{3260}\ \Phi_{652}\ \Phi_{163}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
140461	1804	420	$\frac{1}{42}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{420}^8\ \Phi_{210}\ \Phi_{140}^8\ \Phi_{105}\ \Phi_{84}^8\ \Phi_{70}\ \Phi_{60}^8\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^8\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^8\ \Phi_{10}\ \Phi_4^4$
140462	1804	378	$\frac{1}{42}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{378}^6\ \Phi_{189}^6\ \Phi_{126}^3\ \Phi_{63}^3\ \Phi_{54}^6\ \Phi_{42}^2\ \Phi_{27}^4\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
140463	1804	360	$\frac{1}{45}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{360}^{9}\ \Phi_{120}^{9}\ \Phi_{90}^{3}\ \Phi_{72}^{8}\ \Phi_{45}^{2}\ \Phi_{40}^{9}\ \Phi_{30}^{3}\ \Phi_{24}^{8}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{8}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
140464	1804	1365	$\frac{4}{455}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1365}^{2}\ \Phi_{273}^{2}\ \Phi_{195}^{2}\ \Phi_{105}^{2}\ \Phi_{39}^{2}\ \Phi_{21}\ \Phi_{15}^{2}$
140465	1804	774	$\frac{1}{129}$	$\frac{64}{387}$	$\frac{1}{3}$	$\frac{323}{774}$	$\Phi_{774}^{4}\ \Phi_{258}^{4}\ \Phi_{129}^{2}\ \Phi_{86}^{4}\ \Phi_{43}^{2}\ \Phi_{18}^{4}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
140466	1804	720	$\frac{1}{45}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{3}\ \Phi_{144}^{3}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{80}^{3}\ \Phi_{72}^{3}\ \Phi_{48}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{2}\ \Phi_{18}^{3}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
140467	1804	630	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{630}^{5}\ \Phi_{315}\ \Phi_{210}^{5}\ \Phi_{126}^{5}\ \Phi_{105}\ \Phi_{90}^{5}\ \Phi_{70}^{4}\ \Phi_{63}\ \Phi_{42}^{5}\ \Phi_{35}\ \Phi_{30}^{5}\ \Phi_{21}\ \Phi_{18}^{5}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{5}\ \Phi_{2}^{4}$
140468	1804	1050	$\frac{1}{42}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1050}^{2}\ \Phi_{525}^{2}\ \Phi_{350}^{2}\ \Phi_{210}\ \Phi_{175}^{2}\ \Phi_{150}^{2}\ \Phi_{105}\ \Phi_{75}^{2}\ \Phi_{70}\ \Phi_{50}^{2}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
140469	1804	1020	$\frac{3}{85}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{340}^{2}\ \Phi_{255}^{2}\ \Phi_{204}^{2}\ \Phi_{170}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{60}\ \Phi_{51}^{2}\ \Phi_{34}^{2}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
140470	1804	990	$\frac{1}{165}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{990}^{3}\ \Phi_{330}^{3}\ \Phi_{198}^{3}\ \Phi_{165}^{2}\ \Phi_{110}^{3}\ \Phi_{90}^{3}\ \Phi_{66}^{3}\ \Phi_{55}^{2}\ \Phi_{33}^{2}\ \Phi_{30}^{3}\ \Phi_{22}^{3}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
140471	1804	126	$\frac{1}{42}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{126}^{15}\ \Phi_{63}^{15}\ \Phi_{42}^{14}\ \Phi_{21}^{14}\ \Phi_{18}^{11}\ \Phi_{14}^{14}\ \Phi_{9}^{14}\ \Phi_{7}^{14}\ \Phi_{6}^{10}\ \Phi_{3}^{13}\ \Phi_{2}^{10}\ \Phi_{1}^{14}$
140472	1804	132	$\frac{1}{33}$	$\frac{1}{12}$	$\frac{8}{33}$	$\frac{25}{66}$	$\Phi_{132}^{15}\ \Phi_{66}^{11}\ \Phi_{44}^{15}\ \Phi_{33}^{14}\ \Phi_{22}^{11}\ \Phi_{12}^{14}\ \Phi_{11}^{14}\ \Phi_{6}^{10}\ \Phi_{4}^{14}\ \Phi_{3}^{13}\ \Phi_{2}^{10}\ \Phi_{1}^{14}$
140473	1804	2640	$\frac{1}{165}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{240}\ \Phi_{220}\ \Phi_{176}\ \Phi_{132}\ \Phi_{110}\ \Phi_{80}\ \Phi_{66}\ \Phi_{60}\ \Phi_{48}\ \Phi_{44}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
140474	1804	2280	$\frac{5}{456}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{120}\ \Phi_{95}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
140475	1804	3390	$\frac{1}{113}$	$\frac{1}{5}$	$\frac{112}{339}$	$\frac{227}{678}$	$\Phi_{3390}\ \Phi_{1130}\ \Phi_{565}\ \Phi_{30}\ \Phi_{10}$
140476	1804	453	$\frac{2}{453}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{453}^{4}\ \Phi_{151}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
140477	1804	675	$\frac{1}{225}$	$\frac{224}{675}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{675}^{4}\ \Phi_{135}^{4}\ \Phi_{27}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
140478	1804	600	$\frac{1}{150}$	$\frac{149}{600}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{600}^{4}\ \Phi_{300}^{4}\ \Phi_{200}^{4}\ \Phi_{120}^{4}\ \Phi_{100}^{4}\ \Phi_{60}^{4}\ \Phi_{40}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
140479	1804	909	$\frac{7}{909}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{909}^{2}\ \Phi_{303}^{2}\ \Phi_{101}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
140480	1804	1365	$\frac{4}{455}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}^{2}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}^{2}\ \Phi_{65}^{2}\ \Phi_{39}\ \Phi_{35}^{2}\ \Phi_{21}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
140481	1804	1125	$\frac{2}{225}$	$\frac{223}{1125}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1125}^{2}\ \Phi_{375}^{2}\ \Phi_{125}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
140482	1804	456	$\frac{5}{456}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{456}^{4}\ \Phi_{228}^{4}\ \Phi_{152}^{4}\ \Phi_{114}^{4}\ \Phi_{76}^{4}\ \Phi_{57}^{4}\ \Phi_{38}^{4}\ \Phi_{24}^{4}\ \Phi_{19}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
140483	1804	540	$\frac{1}{90}$	$\frac{89}{540}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{540}^{4}\ \Phi_{270}^{4}\ \Phi_{180}^{4}\ \Phi_{135}^{4}\ \Phi_{108}^{4}\ \Phi_{60}^{4}\ \Phi_{54}^{4}\ \Phi_{36}^{4}\ \Phi_{27}^{4}\ \Phi_{20}^{4}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
140484	1804	525	$\frac{1}{75}$	$\frac{74}{525}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{525}^{4}\ \Phi_{175}^{4}\ \Phi_{105}^{4}\ \Phi_{35}^{4}\ \Phi_{21}^{4}\ \Phi_{7}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
140485	1804	915	$\frac{13}{915}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{915}^{2}\ \Phi_{305}^{2}\ \Phi_{183}^{2}\ \Phi_{61}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
140486	1804	459	$\frac{8}{459}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{459}^{4}\ \Phi_{153}^{4}\ \Phi_{51}^{4}\ \Phi_{27}^{4}\ \Phi_{17}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
140487	1804	1380	$\frac{9}{460}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}^{2}\ \Phi_{345}\ \Phi_{276}\ \Phi_{230}^{2}\ \Phi_{138}\ \Phi_{115}^{2}\ \Phi_{92}^{2}\ \Phi_{69}\ \Phi_{60}\ \Phi_{46}^{2}\ \Phi_{23}^{2}\ \Phi_{20}^{2}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
140488	1804	1500	$\frac{1}{50}$	$\frac{49}{500}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}^{2}\ \Phi_{375}\ \Phi_{300}\ \Phi_{250}^{2}\ \Phi_{125}^{2}\ \Phi_{100}^{2}\ \Phi_{60}\ \Phi_{20}^{2}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
140489	1804	45	$\frac{1}{45}$	$\frac{4}{45}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{45}^{40}\ \Phi_{15}^{40}\ \Phi_{9}^{40}\ \Phi_{5}^{40}\ \Phi_{3}^{41}\ \Phi_{1}^{42}$
140490	1804	84	$\frac{1}{42}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{84}^{24}\ \Phi_{42}^{20}\ \Phi_{28}^{24}\ \Phi_{21}^{20}\ \Phi_{14}^{20}\ \Phi_{12}^{20}\ \Phi_{7}^{20}\ \Phi_{6}^{16}\ \Phi_{4}^{20}\ \Phi_{3}^{17}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
140491	1804	975	$\frac{2}{75}$	$\frac{73}{975}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{975}^{2}\ \Phi_{325}^{2}\ \Phi_{195}^{2}\ \Phi_{65}^{2}\ \Phi_{39}^{2}\ \Phi_{13}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
140492	1804	465	$\frac{14}{465}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{465}^{4}\ \Phi_{155}^{4}\ \Phi_{93}^{4}\ \Phi_{31}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
140493	1804	480	$\frac{1}{30}$	$\frac{29}{480}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{4}\ \Phi_{120}^{4}\ \Phi_{96}^{4}\ \Phi_{80}^{4}\ \Phi_{60}^{4}\ \Phi_{48}^{4}\ \Phi_{40}^{4}\ \Phi_{32}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
140494	1804	468	$\frac{17}{468}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{468}^{4}\ \Phi_{234}^{4}\ \Phi_{156}^{4}\ \Phi_{117}^{4}\ \Phi_{78}^{4}\ \Phi_{52}^{4}\ \Phi_{39}^{4}\ \Phi_{36}^{4}\ \Phi_{26}^{4}\ \Phi_{13}^{4}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
140495	1804	1425	$\frac{1}{25}$	$\frac{24}{475}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1425}\ \Phi_{475}^2\ \Phi_{285}\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{19}^2\ \Phi_3\ \Phi_1^2$
140496	1804	945	$\frac{2}{45}$	$\frac{43}{945}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
140497	1804	1161	$\frac{1}{129}$	$\frac{259}{1161}$	$\frac{128}{387}$	$\frac{1}{3}$	$\Phi_{1161}^2\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_{27}^2\ \Phi_3\ \Phi_1^2$
140498	1804	672	$\frac{3}{224}$	$\frac{1}{7}$	$\frac{221}{672}$	$\frac{1}{3}$	$\Phi_{672}^2\ \Phi_{336}^2\ \Phi_{224}^4\ \Phi_{168}^2\ \Phi_{112}^4\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{56}^4\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{32}^4\ \Phi_{28}^4\ \Phi_{24}^2\ \Phi_{21}^3\ \Phi_{16}^4\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_8^4\ \Phi_7^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
140499	1804	972	$\frac{2}{81}$	$\frac{1}{12}$	$\frac{79}{243}$	$\frac{1}{3}$	$\Phi_{972}^3\ \Phi_{486}^3\ \Phi_{243}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
140500	1804	1323	$\frac{20}{441}$	$\frac{1}{21}$	$\frac{421}{1323}$	$\frac{1}{3}$	$\Phi_{1323}^2\ \Phi_{189}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
140501	1804	945	$\frac{43}{945}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
140502	1804	1380	$\frac{1}{23}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}^2\ \Phi_{345}\ \Phi_{276}\ \Phi_{230}^2\ \Phi_{138}\ \Phi_{115}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{23}^2$
140503	1804	126	$\frac{1}{42}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{126}^{21}\ \Phi_{63}^{20}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^{21}\ \Phi_{14}^2\ \Phi_9^{20}\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
140504	1804	645	$\frac{1}{43}$	$\frac{21}{215}$	$\frac{194}{645}$	$\frac{1}{3}$	$\Phi_{645}^2\ \Phi_{215}^4\ \Phi_{129}^3\ \Phi_{43}^4\ \Phi_{15}^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
140505	1804	1245	$\frac{1}{83}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{1245}\ \Phi_{415}^2\ \Phi_{249}^2\ \Phi_{83}^2$
140506	1804	3036	$\frac{1}{23}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3036}\ \Phi_{1518}\ \Phi_{759}\ \Phi_{69}$
140507	1804	516	$\frac{1}{43}$	$\frac{65}{516}$	$\frac{21}{86}$	$\frac{1}{3}$	$\Phi_{516}^4\ \Phi_{258}^2\ \Phi_{172}^4\ \Phi_{129}^3\ \Phi_{86}^4\ \Phi_{43}^4\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
140508	1804	108	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{13}{54}$	$\frac{1}{3}$	$\Phi_{108}^{18}\ \Phi_{54}^{14}\ \Phi_{36}^{18}\ \Phi_{27}^{16}\ \Phi_{18}^{14}\ \Phi_{12}^{20}\ \Phi_9^{16}\ \Phi_6^{16}\ \Phi_4^{20}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
140509	1804	588	$\frac{1}{21}$	$\frac{10}{147}$	$\frac{137}{588}$	$\frac{1}{3}$	$\Phi_{588}^4\ \Phi_{294}^4\ \Phi_{196}^4\ \Phi_{98}^4\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_7^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
140510	1804	684	$\frac{7}{171}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{684}^3\ \Phi_{342}^3\ \Phi_{228}^3\ \Phi_{171}^2\ \Phi_{114}^3\ \Phi_{76}^3\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{19}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
140511	1804	42	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{42}^{42}\ \Phi_{21}^{43}\ \Phi_{14}^{44}\ \Phi_7^{44}\ \Phi_6^{42}\ \Phi_3^{42}\ \Phi_2^{44}\ \Phi_1^{44}$
140512	1804	1035	$\frac{1}{23}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1035}^2\ \Phi_{345}\ \Phi_{207}^2\ \Phi_{115}^2\ \Phi_{69}^2\ \Phi_{23}^2$
140513	1804	3225	$\frac{1}{43}$	$\frac{173}{1075}$	$\frac{42}{215}$	$\frac{1}{3}$	$\Phi_{3225}\ \Phi_{129}\ \Phi_{75}$
140514	1804	1680	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{109}{560}$	$\frac{1}{3}$	$\Phi_{1680}^2\ \Phi_{840}^2\ \Phi_{420}^2\ \Phi_{240}^2\ \Phi_{210}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^2$
140515	1804	945	$\frac{43}{945}$	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
140516	1804	3450	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{3450}\ \Phi_{1725}\ \Phi_{69}$
140517	1804	504	$\frac{1}{21}$	$\frac{53}{504}$	$\frac{10}{63}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{72}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^2\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_7^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
140518	1804	1071	$\frac{19}{357}$	$\frac{2}{21}$	$\frac{169}{1071}$	$\frac{1}{3}$	$\Phi_{1071}^2\ \Phi_{357}\ \Phi_{153}^2\ \Phi_{119}\ \Phi_{63}^2\ \Phi_{51}\ \Phi_{21}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
140519	1804	1104	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{1104}^2\ \Phi_{552}\ \Phi_{368}^2\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{23}^2$
140520	1804	1428	$\frac{25}{476}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1428}^2\ \Phi_{714}^2\ \Phi_{357}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{21}$
140521	1804	504	$\frac{3}{56}$	$\frac{53}{504}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^2\ \Phi_{126}^4\ \Phi_{84}^2\ \Phi_{72}^4\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{42}^2\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{24}^2\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_9^4\ \Phi_8^4\ \Phi_7^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
140522	1804	1029	$\frac{1}{21}$	$\frac{127}{1029}$	$\frac{20}{147}$	$\frac{1}{3}$	$\Phi_{1029}^2\ \Phi_{343}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
140523	1804	756	$\frac{2}{27}$	$\frac{1}{12}$	$\frac{25}{189}$	$\frac{1}{3}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{252}^3\ \Phi_{189}^2\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{63}^2\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
140524	1804	180	$\frac{1}{12}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}^{12}\ \Phi_{45}^8\ \Phi_{36}^6\ \Phi_{30}^{12}\ \Phi_{20}^{12}\ \Phi_{18}^6\ \Phi_{15}^8\ \Phi_{12}^8\ \Phi_{10}^{12}\ \Phi_9^4\ \Phi_6^8\ \Phi_5^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
140525	1804	3360	$\frac{3}{224}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{221}{672}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{480}\ \Phi_{420}\ \Phi_{240}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
140526	1804	2580	$\frac{1}{20}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{19}{60}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{645}\ \Phi_{516}\ \Phi_{258}\ \Phi_{129}\ \Phi_{60}^2\ \Phi_{43}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
140527	1804	60	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{19}{60}$	$\Phi_{60}^{29}\ \Phi_{30}^{29}\ \Phi_{20}^{33}\ \Phi_{15}^{29}\ \Phi_{12}^{28}\ \Phi_{10}^{33}\ \Phi_6^{28}\ \Phi_5^{32}\ \Phi_4^{32}\ \Phi_3^{28}\ \Phi_2^{32}\ \Phi_1^{32}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
140528	1804	924	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{231}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{231}\ \Phi_{154}^{2}\ \Phi_{132}^{3}\ \Phi_{84}^{2}\ \Phi_{77}^{2}\ \Phi_{66}^{3}\ \Phi_{44}^{3}\ \Phi_{42}^{2}\ \Phi_{33}^{2}\ \Phi_{28}^{2}\ \Phi_{22}^{3}\ \Phi_{21}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
140529	1804	270	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{270}^{9}\ \Phi_{135}^{9}\ \Phi_{90}^{3}\ \Phi_{54}^{8}\ \Phi_{45}^{2}\ \Phi_{30}^{3}\ \Phi_{27}^{8}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
140530	1804	900	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{14}{75}$	$\frac{61}{225}$	$\Phi_{900}^{3}\ \Phi_{450}^{3}\ \Phi_{225}^{2}\ \Phi_{180}^{3}\ \Phi_{90}^{3}\ \Phi_{60}^{3}\ \Phi_{45}^{2}\ \Phi_{36}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
140531	1804	2445	$\frac{3}{163}$	$\frac{1}{5}$	$\frac{40}{163}$	$\frac{4}{15}$	$\Phi_{2445}\ \Phi_{489}\ \Phi_{163}\ \Phi_{15}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
140532	1804	210	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{210}^{9}\ \Phi_{105}^{9}\ \Phi_{70}^{9}\ \Phi_{42}^{8}\ \Phi_{35}^{9}\ \Phi_{30}^{9}\ \Phi_{21}^{8}\ \Phi_{15}^{5}\ \Phi_{14}^{8}\ \Phi_{10}^{9}\ \Phi_{7}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
140533	1804	660	$\frac{3}{55}$	$\frac{1}{12}$	$\frac{13}{55}$	$\frac{14}{55}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{220}^{3}\ \Phi_{165}^{3}\ \Phi_{132}^{3}\ \Phi_{110}^{3}\ \Phi_{66}^{3}\ \Phi_{60}^{3}\ \Phi_{44}^{3}\ \Phi_{33}^{3}\ \Phi_{30}^{3}\ \Phi_{22}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
140534	1804	601	$\frac{9}{601}$	$\frac{148}{601}$	$\frac{150}{601}$	$\frac{151}{601}$	$\Phi_{601}^{3}\ \Phi_{1}^{4}$
140535	1804	556	$\frac{3}{139}$	$\frac{105}{556}$	$\frac{34}{139}$	$\frac{1}{4}$	$\Phi_{556}^{3}\ \Phi_{278}^{3}\ \Phi_{139}^{4}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
140536	1804	1892	$\frac{3}{44}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{1}{4}$	$\Phi_{1892}\ \Phi_{946}\ \Phi_{473}\ \Phi_{44}^{2}\ \Phi_{43}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
140537	1804	560	$\frac{3}{112}$	$\frac{109}{560}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{140}^{3}\ \Phi_{112}^{4}\ \Phi_{80}^{3}\ \Phi_{70}^{3}\ \Phi_{56}^{4}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
140538	1804	2320	$\frac{13}{464}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2320}\ \Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{145}\ \Phi_{20}\ \Phi_{10}$
140539	1804	2560	$\frac{3}{64}$	$\frac{61}{512}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2560}\ \Phi_{1280}\ \Phi_{640}\ \Phi_{20}\ \Phi_{10}$
140540	1804	2380	$\frac{25}{476}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{595}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{20}\ \Phi_{10}$
140541	1804	2520	$\frac{3}{56}$	$\frac{53}{504}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{360}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{120}\ \Phi_{105}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
140542	1804	480	$\frac{29}{480}$	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{3}\ \Phi_{120}^{4}\ \Phi_{96}^{4}\ \Phi_{80}^{3}\ \Phi_{60}^{4}\ \Phi_{48}^{4}\ \Phi_{40}^{3}\ \Phi_{32}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
140543	1804	660	$\frac{3}{44}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{660}^{4}\ \Phi_{330}^{4}\ \Phi_{220}^{3}\ \Phi_{165}^{4}\ \Phi_{110}^{3}\ \Phi_{60}\ \Phi_{55}^{3}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
140544	1804	378	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{13}{54}$	$\Phi_{378}^{4}\ \Phi_{189}^{5}\ \Phi_{126}^{4}\ \Phi_{63}^{5}\ \Phi_{54}^{6}\ \Phi_{42}^{4}\ \Phi_{27}^{6}\ \Phi_{21}^{5}\ \Phi_{18}^{6}\ \Phi_{14}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
140545	1804	1935	$\frac{3}{43}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{10}{43}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{387}\ \Phi_{129}\ \Phi_{45}^{2}\ \Phi_{43}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
140546	1804	2150	$\frac{3}{43}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{10}{43}$	$\Phi_{2150}\ \Phi_{1075}\ \Phi_{50}^{2}\ \Phi_{43}\ \Phi_{25}^{2}\ \Phi_{1}^{2}$
140547	1804	2064	$\frac{3}{43}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{10}{43}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{688}\ \Phi_{516}\ \Phi_{258}\ \Phi_{129}\ \Phi_{48}^{2}\ \Phi_{43}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
140548	1804	630	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{630}^{4}\ \Phi_{315}^{2}\ \Phi_{210}^{4}\ \Phi_{126}^{2}\ \Phi_{105}^{2}\ \Phi_{90}^{4}\ \Phi_{70}^{4}\ \Phi_{63}\ \Phi_{45}^{4}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{4}\ \Phi_{21}\ \Phi_{18}^{2}\ \Phi_{15}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
140549	1804	180	$\frac{1}{12}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}^{9}\ \Phi_{45}^{8}\ \Phi_{36}^{12}\ \Phi_{30}^{9}\ \Phi_{20}^{9}\ \Phi_{18}^{12}\ \Phi_{15}^{5}\ \Phi_{12}^{8}\ \Phi_{10}^{9}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
140550	1804	300	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{5}$	$\Phi_{300}^{8}\ \Phi_{150}^{8}\ \Phi_{100}^{8}\ \Phi_{75}^{8}\ \Phi_{60}\ \Phi_{50}^{4}\ \Phi_{30}\ \Phi_{25}^{4}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
140551	1804	240	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{5}$	$\Phi_{240}^{11}\ \Phi_{120}^{7}\ \Phi_{80}^{11}\ \Phi_{60}^{8}\ \Phi_{40}^{8}\ \Phi_{30}^{8}\ \Phi_{20}^{9}\ \Phi_{15}^{8}\ \Phi_{10}^{9}\ \Phi_{5}^{8}$
140552	1805	720	$\frac{1}{360}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{359}{720}$	$\Phi_{720}^{5}\ \Phi_{240}^{5}\ \Phi_{144}^{5}\ \Phi_{80}^{5}\ \Phi_{48}^{5}\ \Phi_{16}^{5}\ \Phi_{8}\ \Phi_{1}$
140553	1805	656	$\frac{1}{164}$	$\frac{33}{328}$	$\frac{295}{656}$	$\frac{163}{328}$	$\Phi_{656}^{5}\ \Phi_{328}\ \Phi_{16}^{5}\ \Phi_{8}\ \Phi_{1}$
140554	1805	3584	$\frac{13}{1792}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1779}{3584}$	$\Phi_{3584}\ \Phi_{512}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
140555	1805	1692	$\frac{1}{94}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{93}{188}$	$\Phi_{846}^{2}\ \Phi_{423}^{2}\ \Phi_{282}^{2}\ \Phi_{188}\ \Phi_{141}^{2}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{36}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
140556	1805	3948	$\frac{1}{94}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{93}{188}$	$\Phi_{3948}\ \Phi_{1316}\ \Phi_{188}\ \Phi_{84}\ \Phi_{28}\ \Phi_{21}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
140557	1805	5076	$\frac{1}{94}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{93}{188}$	$\Phi_{5076}\ \Phi_{188}\ \Phi_{108}\ \Phi_{27}\ \Phi_{4}\ \Phi_{1}$
140558	1805	1128	$\frac{1}{94}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{93}{188}$	$\Phi_{1128}^{2}\ \Phi_{376}^{2}\ \Phi_{282}^{2}\ \Phi_{188}\ \Phi_{141}^{2}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{24}^{3}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
140559	1805	3564	$\frac{23}{1782}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1759}{3564}$	$\Phi_{3564}\ \Phi_{1188}\ \Phi_{396}\ \Phi_{324}\ \Phi_{132}\ \Phi_{108}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
140560	1805	484	$\frac{2}{121}$	$\frac{1}{11}$	$\frac{123}{484}$	$\frac{119}{242}$	$\Phi_{484}^5\ \Phi_{121}^5\ \Phi_{44}^5\ \Phi_{11}^4\ \Phi_4^5\ \Phi_1^5$
140561	1805	1860	$\frac{2}{93}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{91}{186}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{465}\ \Phi_{372}\ \Phi_{310}\ \Phi_{155}\ \Phi_{124}\ \Phi_{93}\ \Phi_{60}^2\ \Phi_{31}\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
140562	1805	704	$\frac{1}{44}$	$\frac{9}{352}$	$\frac{343}{704}$	$\frac{43}{88}$	$\Phi_{704}^5\ \Phi_{88}\ \Phi_{64}^5\ \Phi_8\ \Phi_1$
140563	1805	528	$\frac{1}{44}$	$\frac{9}{176}$	$\frac{167}{528}$	$\frac{43}{88}$	$\Phi_{528}^5\ \Phi_{264}^5\ \Phi_{132}^5\ \Phi_{88}\ \Phi_{66}^5\ \Phi_{48}^5\ \Phi_{33}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
140564	1805	1936	$\frac{1}{44}$	$\frac{131}{1936}$	$\frac{45}{176}$	$\frac{43}{88}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{121}\ \Phi_{88}\ \Phi_8\ \Phi_1$
140565	1805	440	$\frac{1}{44}$	$\frac{9}{88}$	$\frac{79}{440}$	$\frac{43}{88}$	$\Phi_{440}^5\ \Phi_{220}^5\ \Phi_{110}^5\ \Phi_{88}\ \Phi_{55}^5\ \Phi_{40}^5\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_8\ \Phi_5^5\ \Phi_1$
140566	1805	2112	$\frac{1}{44}$	$\frac{45}{352}$	$\frac{307}{2112}$	$\frac{43}{88}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{64}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
140567	1805	704	$\frac{9}{352}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{343}{704}$	$\Phi_{704}^5\ \Phi_{64}^5\ \Phi_{11}^4\ \Phi_1^5$
140568	1805	2178	$\frac{10}{363}$	$\frac{1}{11}$	$\frac{373}{2178}$	$\frac{353}{726}$	$\Phi_{2178}\ \Phi_{1089}\ \Phi_{363}\ \Phi_{198}\ \Phi_{121}\ \Phi_{99}\ \Phi_{33}\ \Phi_{18}\ \Phi_9\ \Phi_3\ \Phi_1$
140569	1805	640	$\frac{1}{32}$	$\frac{1}{20}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{640}^4\ \Phi_{160}^4\ \Phi_{128}^3\ \Phi_{80}^4\ \Phi_{40}^4\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
140570	1805	920	$\frac{3}{92}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{89}{184}$	$\Phi_{920}^4\ \Phi_{184}^3\ \Phi_{40}^4\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
140571	1805	3444	$\frac{1}{41}$	$\frac{83}{1722}$	$\frac{40}{123}$	$\frac{1639}{3444}$	$\Phi_{3444}\ \Phi_{1148}\ \Phi_{492}\ \Phi_{164}\ \Phi_{123}\ \Phi_{84}\ \Phi_{28}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
140572	1805	3432	$\frac{1}{44}$	$\frac{89}{1716}$	$\frac{43}{132}$	$\frac{1627}{3432}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{264}\ \Phi_{132}\ \Phi_{104}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
140573	1805	1692	$\frac{1}{47}$	$\frac{1}{18}$	$\frac{46}{141}$	$\frac{17}{36}$	$\Phi_{1692}^2\ \Phi_{564}^2\ \Phi_{188}^2\ \Phi_{141}\ \Phi_{36}^3\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
140574	1805	1692	$\frac{2}{47}$	$\frac{1}{18}$	$\frac{9}{47}$	$\frac{17}{36}$	$\Phi_{1692}^2\ \Phi_{564}^2\ \Phi_{188}^2\ \Phi_{47}^2\ \Phi_{36}^3\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
140575	1805	180	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^{12}\ \Phi_{45}^{10}\ \Phi_{36}^5\ \Phi_{30}^{12}\ \Phi_{20}^{11}\ \Phi_{18}^{10}\ \Phi_{15}^{12}\ \Phi_{12}^7\ \Phi_{10}^{11}\ \Phi_9^{10}\ \Phi_6^{11}\ \Phi_5^{11}\ \Phi_4^6\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
140576	1805	396	$\frac{2}{33}$	$\frac{35}{396}$	$\frac{1}{11}$	$\frac{31}{66}$	$\Phi_{396}^5\ \Phi_{198}^5\ \Phi_{132}^5\ \Phi_{99}^5\ \Phi_{44}^5\ \Phi_{36}^5\ \Phi_{33}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_9^5\ \Phi_4^5\ \Phi_3^5\ \Phi_1^5$
140577	1805	492	$\frac{1}{41}$	$\frac{8}{123}$	$\frac{131}{492}$	$\frac{115}{246}$	$\Phi_{492}^5\ \Phi_{164}^5\ \Phi_{123}^5\ \Phi_{41}^4\ \Phi_{12}^5\ \Phi_4^5\ \Phi_3^5\ \Phi_1^5$
140578	1805	3388	$\frac{111}{1694}$	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1583}{3388}$	$\Phi_{3388}\ \Phi_{484}\ \Phi_{308}\ \Phi_{121}\ \Phi_{44}\ \Phi_{28}\ \Phi_4\ \Phi_1$
140579	1805	2464	$\frac{1}{44}$	$\frac{43}{616}$	$\frac{659}{2464}$	$\frac{573}{1232}$	$\Phi_{2464}\ \Phi_{616}\ \Phi_{352}\ \Phi_{308}\ \Phi_{224}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
140580	1805	176	$\frac{1}{22}$	$\frac{7}{88}$	$\frac{3}{22}$	$\frac{81}{176}$	$\Phi_{176}^{19}\ \Phi_{22}^6\ \Phi_{16}^{19}\ \Phi_{11}^6\ \Phi_2^6\ \Phi_1^7$
140581	1805	880	$\frac{1}{20}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{81}{176}$	$\Phi_{880}^4\ \Phi_{176}^3\ \Phi_{80}^4\ \Phi_{40}^4\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
140582	1805	1936	$\frac{131}{1936}$	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{111}{242}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{484}\ \Phi_{176}\ \Phi_{121}\ \Phi_{88}\ \Phi_{44}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
140583	1805	660	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{31}{330}$	$\frac{299}{660}$	$\Phi_{660}^5\ \Phi_{220}^5\ \Phi_{132}^5\ \Phi_{60}^5\ \Phi_{44}^5\ \Phi_{33}^5\ \Phi_{20}^5\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_4^5\ \Phi_3^5\ \Phi_1^5$
140584	1805	656	$\frac{1}{41}$	$\frac{33}{328}$	$\frac{8}{41}$	$\frac{295}{656}$	$\Phi_{656}^5\ \Phi_{41}^4\ \Phi_{16}^5\ \Phi_1^5$
140585	1805	2214	$\frac{1}{41}$	$\frac{40}{369}$	$\frac{409}{2214}$	$\frac{329}{738}$	$\Phi_{2214}\ \Phi_{1107}\ \Phi_{369}\ \Phi_{123}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1$
140586	1805	840	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{168}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{168}^3\ \Phi_{120}^4\ \Phi_{60}^4\ \Phi_{56}^3\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
140587	1805	3168	$\frac{1}{44}$	$\frac{221}{1584}$	$\frac{43}{264}$	$\frac{1363}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
140588	1805	99	$\frac{4}{99}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{99}^{19}\ \Phi_{33}^{17}\ \Phi_{11}^{16}\ \Phi_9^{19}\ \Phi_3^{17}\ \Phi_1^{17}$
140589	1805	164	$\frac{2}{41}$	$\frac{3}{41}$	$\frac{13}{82}$	$\frac{69}{164}$	$\Phi_{164}^{19}\ \Phi_{41}^6\ \Phi_4^{19}\ \Phi_1^7$
140590	1805	2112	$\frac{1}{44}$	$\frac{307}{2112}$	$\frac{43}{264}$	$\frac{221}{528}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{64}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
140591	1805	369	$\frac{8}{369}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{369}^5\ \Phi_{123}^5\ \Phi_{41}^4\ \Phi_9^5\ \Phi_3^5\ \Phi_1^5$
140592	1805	616	$\frac{1}{44}$	$\frac{43}{308}$	$\frac{53}{308}$	$\frac{255}{616}$	$\Phi_{616}^5\ \Phi_{308}\ \Phi_{154}\ \Phi_{88}^5\ \Phi_{77}\ \Phi_{56}^5\ \Phi_{28}\ \Phi_{14}\ \Phi_8^5\ \Phi_7\ \Phi_1$
140593	1805	374	$\frac{13}{374}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{374}^5\ \Phi_{187}^5\ \Phi_{34}^5\ \Phi_{17}^5\ \Phi_{11}^4\ \Phi_1^5$
140594	1805	96	$\frac{1}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{96}^{19}\ \Phi_{48}^{19}\ \Phi_{32}^{18}\ \Phi_{24}^{19}\ \Phi_{16}^{19}\ \Phi_{12}^{19}\ \Phi_8^{19}\ \Phi_6^{19}\ \Phi_4^{18}\ \Phi_3^{19}\ \Phi_2^{18}\ \Phi_1^{19}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
140595	1805	160	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{160}^{20}\ \Phi_{80}^{4}\ \Phi_{40}^{4}\ \Phi_{32}^{15}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
140596	1805	410	$\frac{1}{41}$	$\frac{49}{410}$	$\frac{8}{41}$	$\frac{33}{82}$	$\Phi_{410}^{5}\ \Phi_{205}^{5}\ \Phi_{41}^{4}\ \Phi_{10}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{5}$
140597	1805	2952	$\frac{1}{164}$	$\frac{329}{1476}$	$\frac{163}{492}$	$\frac{1147}{2952}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{492}\ \Phi_{328}\ \Phi_{246}\ \Phi_{123}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
140598	1805	2952	$\frac{1}{41}$	$\frac{40}{369}$	$\frac{329}{1476}$	$\frac{1147}{2952}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{369}\ \Phi_{328}\ \Phi_{123}\ \Phi_{72}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
140599	1805	2904	$\frac{10}{363}$	$\frac{1}{11}$	$\frac{353}{1452}$	$\frac{1099}{2904}$	$\Phi_{2904}\ \Phi_{968}\ \Phi_{363}\ \Phi_{264}\ \Phi_{121}\ \Phi_{88}\ \Phi_{33}\ \Phi_{24}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
140600	1805	2624	$\frac{1}{164}$	$\frac{163}{656}$	$\frac{819}{2624}$	$\frac{493}{1312}$	$\Phi_{2624}\ \Phi_{656}\ \Phi_{328}\ \Phi_{64}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
140601	1805	2904	$\frac{2}{363}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2904}\ \Phi_{968}\ \Phi_{363}\ \Phi_{264}\ \Phi_{121}\ \Phi_{88}\ \Phi_{33}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
140602	1805	1080	$\frac{1}{180}$	$\frac{1}{4}$	$\frac{179}{540}$	$\frac{3}{8}$	$\Phi_{1080}^{4}\ \Phi_{540}\ \Phi_{270}\ \Phi_{216}^{4}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{8}\ \Phi_{1}$
140603	1805	728	$\frac{3}{364}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{728}^{4}\ \Phi_{364}\ \Phi_{182}\ \Phi_{104}^{4}\ \Phi_{91}\ \Phi_{56}^{4}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}\ \Phi_{13}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
140604	1805	480	$\frac{1}{120}$	$\frac{119}{480}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{480}^{5}\ \Phi_{240}^{5}\ \Phi_{160}^{5}\ \Phi_{96}^{5}\ \Phi_{80}^{5}\ \Phi_{48}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{5}\ \Phi_{8}\ \Phi_{1}$
140605	1805	96	$\frac{1}{96}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{96}^{19}\ \Phi_{48}^{19}\ \Phi_{32}^{19}\ \Phi_{24}^{18}\ \Phi_{16}^{19}\ \Phi_{12}^{18}\ \Phi_{8}^{19}\ \Phi_{6}^{18}\ \Phi_{4}^{18}\ \Phi_{3}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
140606	1805	2920	$\frac{4}{365}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2920}\ \Phi_{584}\ \Phi_{365}\ \Phi_{73}\ \Phi_{8}\ \Phi_{1}$
140607	1805	1800	$\frac{1}{90}$	$\frac{89}{450}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1800}^{2}\ \Phi_{600}^{2}\ \Phi_{450}\ \Phi_{225}\ \Phi_{200}^{2}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
140608	1805	1464	$\frac{5}{366}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1464}^{2}\ \Phi_{488}^{2}\ \Phi_{366}\ \Phi_{183}\ \Phi_{122}\ \Phi_{61}\ \Phi_{8}\ \Phi_{1}$
140609	1805	432	$\frac{1}{72}$	$\frac{71}{432}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{432}^{5}\ \Phi_{216}^{5}\ \Phi_{144}^{5}\ \Phi_{108}^{5}\ \Phi_{54}^{5}\ \Phi_{48}^{5}\ \Phi_{27}^{5}\ \Phi_{16}^{5}\ \Phi_{8}\ \Phi_{1}$
140610	1805	840	$\frac{1}{60}$	$\frac{59}{420}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^{4}\ \Phi_{420}\ \Phi_{280}^{4}\ \Phi_{210}\ \Phi_{168}^{4}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}^{4}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
140611	1805	368	$\frac{7}{368}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{368}^{5}\ \Phi_{184}^{5}\ \Phi_{92}^{5}\ \Phi_{46}^{5}\ \Phi_{23}^{5}\ \Phi_{16}^{5}\ \Phi_{8}\ \Phi_{1}$
140612	1805	2952	$\frac{8}{369}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{369}\ \Phi_{328}\ \Phi_{123}\ \Phi_{41}\ \Phi_{8}\ \Phi_{1}$
140613	1805	3240	$\frac{1}{45}$	$\frac{44}{405}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{405}\ \Phi_{216}\ \Phi_{135}\ \Phi_{81}\ \Phi_{27}\ \Phi_{8}\ \Phi_{1}$
140614	1805	1480	$\frac{9}{370}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1480}^{2}\ \Phi_{370}\ \Phi_{296}^{2}\ \Phi_{185}\ \Phi_{74}\ \Phi_{37}\ \Phi_{8}\ \Phi_{1}$
140615	1805	400	$\frac{1}{40}$	$\frac{39}{400}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{400}^{5}\ \Phi_{200}^{5}\ \Phi_{100}^{5}\ \Phi_{80}^{5}\ \Phi_{50}^{5}\ \Phi_{25}^{5}\ \Phi_{16}^{5}\ \Phi_{8}\ \Phi_{1}$
140616	1805	792	$\frac{1}{36}$	$\frac{35}{396}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}^{4}\ \Phi_{396}\ \Phi_{264}^{4}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}^{4}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
140617	1805	744	$\frac{11}{372}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{744}^{4}\ \Phi_{372}\ \Phi_{248}^{4}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{8}\ \Phi_{1}$
140618	1805	1560	$\frac{1}{30}$	$\frac{29}{390}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1560}^{2}\ \Phi_{520}^{2}\ \Phi_{390}\ \Phi_{312}^{2}\ \Phi_{195}\ \Phi_{130}\ \Phi_{104}^{2}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
140619	1805	1872	$\frac{67}{1872}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
140620	1805	3000	$\frac{14}{375}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{375}\ \Phi_{200}\ \Phi_{125}\ \Phi_{75}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
140621	1805	384	$\frac{1}{24}$	$\frac{23}{384}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{384}^{5}\ \Phi_{192}^{5}\ \Phi_{128}^{5}\ \Phi_{96}^{5}\ \Phi_{64}^{5}\ \Phi_{48}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{5}\ \Phi_{8}\ \Phi_{1}$
140622	1805	1512	$\frac{17}{378}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1512}^{2}\ \Phi_{504}^{2}\ \Phi_{378}\ \Phi_{216}^{2}\ \Phi_{189}\ \Phi_{168}^{2}\ \Phi_{126}\ \Phi_{63}\ \Phi_{56}^{2}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
140623	1805	40	$\frac{1}{20}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{40}^{72}\ \Phi_{20}^{18}\ \Phi_{10}^{18}\ \Phi_{8}^{73}\ \Phi_{5}^{18}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
140624	1805	480	$\frac{1}{96}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{4}\ \Phi_{120}^{4}\ \Phi_{96}^{3}\ \Phi_{80}^{4}\ \Phi_{60}^{4}\ \Phi_{48}^{3}\ \Phi_{40}^{4}\ \Phi_{32}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{4}\ \Phi_{16}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
140625	1805	1848	$\frac{43}{1848}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
140626	1805	720	$\frac{1}{24}$	$\frac{1}{20}$	$\frac{23}{72}$	$\frac{49}{144}$	$\Phi_{720}^{4}\ \Phi_{240}^{4}\ \Phi_{144}^{3}\ \Phi_{120}^{4}\ \Phi_{80}^{4}\ \Phi_{60}^{4}\ \Phi_{48}^{3}\ \Phi_{40}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
140627	1805	1968	$\frac{1}{41}$	$\frac{163}{1968}$	$\frac{40}{123}$	$\frac{83}{246}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{492}\ \Phi_{328}\ \Phi_{164}\ \Phi_{123}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
140628	1805	2712	$\frac{3}{452}$	$\frac{1}{4}$	$\frac{449}{1356}$	$\frac{907}{2712}$	$\Phi_{2712}\ \Phi_{904}\ \Phi_{452}\ \Phi_{226}\ \Phi_{113}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
140629	1805	987	$\frac{1}{47}$	$\frac{2}{21}$	$\frac{46}{141}$	$\frac{1}{3}$	$\Phi_{987}^2\ \Phi_{329}^2\ \Phi_{141}\ \Phi_{21}^3\ \Phi_7^3\ \Phi_3\ \Phi_1$
140630	1805	987	$\frac{2}{47}$	$\frac{2}{21}$	$\frac{9}{47}$	$\frac{1}{3}$	$\Phi_{987}^2\ \Phi_{329}^2\ \Phi_{47}^2\ \Phi_{21}^3\ \Phi_7^3\ \Phi_1^3$
140631	1805	420	$\frac{1}{20}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^5\ \Phi_{105}^5\ \Phi_{84}^5\ \Phi_{70}^5\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{35}^5\ \Phi_{30}^2\ \Phi_{28}^5\ \Phi_{21}^3$ $\Phi_{20}\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_7^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
140632	1805	2688	$\frac{13}{896}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{883}{2688}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}$ $\Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
140633	1805	1269	$\frac{1}{47}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{46}{141}$	$\Phi_{1269}^2\ \Phi_{141}\ \Phi_{27}^3\ \Phi_3\ \Phi_1$
140634	1805	1128	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{46}{141}$	$\Phi_{1128}^2\ \Phi_{564}^2\ \Phi_{376}^2\ \Phi_{188}^2\ \Phi_{141}\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
140635	1805	2583	$\frac{1}{41}$	$\frac{83}{861}$	$\frac{778}{2583}$	$\frac{40}{123}$	$\Phi_{2583}\ \Phi_{369}\ \Phi_{123}\ \Phi_{63}\ \Phi_9\ \Phi_3\ \Phi_1$
140636	1805	2673	$\frac{23}{891}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{868}{2673}$	$\Phi_{2673}\ \Phi_{243}\ \Phi_{33}\ \Phi_3\ \Phi_1$
140637	1805	22	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{3}{22}$	$\frac{7}{22}$	$\Phi_{22}^{82}\ \Phi_{11}^{82}\ \Phi_2^{82}\ \Phi_1^{83}$
140638	1805	123	$\frac{2}{41}$	$\frac{3}{41}$	$\frac{28}{123}$	$\frac{13}{41}$	$\Phi_{123}^{19}\ \Phi_{41}^6\ \Phi_3^{19}\ \Phi_1^7$
140639	1805	528	$\frac{9}{176}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{167}{528}$	$\Phi_{528}^5\ \Phi_{264}^5\ \Phi_{132}^5\ \Phi_{66}^5\ \Phi_{48}^5\ \Phi_{33}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_6^5\ \Phi_3^5\ \Phi_1^5$
140640	1805	2376	$\frac{23}{594}$	$\frac{1}{11}$	$\frac{571}{2376}$	$\frac{10}{33}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{216}\ \Phi_{132}\ \Phi_{108}\ \Phi_{88}\ \Phi_{72}$ $\Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
140641	1805	99	$\frac{4}{99}$	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{99}^{18}\ \Phi_{33}^{19}\ \Phi_{11}^{18}\ \Phi_9^{18}\ \Phi_3^{19}\ \Phi_1^{19}$
140642	1805	2079	$\frac{23}{297}$	$\frac{1}{11}$	$\frac{274}{2079}$	$\frac{10}{33}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{231}\ \Phi_{189}\ \Phi_{77}\ \Phi_{63}\ \Phi_{33}\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1$
140643	1805	396	$\frac{35}{396}$	$\frac{1}{11}$	$\frac{23}{198}$	$\frac{10}{33}$	$\Phi_{396}^5\ \Phi_{198}^4\ \Phi_{132}^5\ \Phi_{99}^4\ \Phi_{66}^4\ \Phi_{44}^5\ \Phi_{36}^5\ \Phi_{33}^5\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{12}^5\ \Phi_{11}^4$ $\Phi_9^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
140644	1805	1269	$\frac{2}{47}$	$\frac{1}{9}$	$\frac{9}{47}$	$\frac{8}{27}$	$\Phi_{1269}^2\ \Phi_{47}^2\ \Phi_{27}^3\ \Phi_1^3$
140645	1805	540	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{540}^5\ \Phi_{270}^5\ \Phi_{135}^5\ \Phi_{108}^5\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{27}^3\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}$ $\Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
140646	1805	2541	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{111}{847}$	$\frac{736}{2541}$	$\Phi_{2541}\ \Phi_{363}\ \Phi_{231}\ \Phi_{121}\ \Phi_{33}\ \Phi_{21}\ \Phi_3\ \Phi_1$
140647	1805	132	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{7}{44}$	$\frac{37}{132}$	$\Phi_{132}^{19}\ \Phi_{66}^{19}\ \Phi_{33}^{19}\ \Phi_{22}^6\ \Phi_{12}^{19}\ \Phi_{11}^6\ \Phi_6^{19}\ \Phi_3^{19}\ \Phi_2^6\ \Phi_1^7$
140648	1805	2376	$\frac{1}{44}$	$\frac{43}{264}$	$\frac{571}{2376}$	$\frac{221}{792}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{264}\ \Phi_{216}\ \Phi_{132}\ \Phi_{108}\ \Phi_{88}\ \Phi_{66}$ $\Phi_{54}\ \Phi_{33}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
140649	1805	540	$\frac{1}{20}$	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^2\ \Phi_{135}^4\ \Phi_{108}^3\ \Phi_{90}^2\ \Phi_{60}^4\ \Phi_{54}^3\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{30}^4\ \Phi_{27}^3$ $\Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
140650	1805	495	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{31}{165}$	$\frac{134}{495}$	$\Phi_{495}^5\ \Phi_{99}^5\ \Phi_{45}^5\ \Phi_{33}^5\ \Phi_{11}^4\ \Phi_9^5\ \Phi_3^5\ \Phi_1^5$
140651	1805	492	$\frac{1}{41}$	$\frac{8}{41}$	$\frac{33}{164}$	$\frac{131}{492}$	$\Phi_{492}^5\ \Phi_{246}^5\ \Phi_{123}^5\ \Phi_{41}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^5\ \Phi_1^5$
140652	1805	1856	$\frac{51}{1856}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{29}\ \Phi_{16}\ \Phi_8\ \Phi_1$
140653	1805	448	$\frac{13}{448}$	$\frac{3}{16}$	$\frac{87}{448}$	$\frac{1}{4}$	$\Phi_{448}^4\ \Phi_{224}^4\ \Phi_{112}^4\ \Phi_{64}^4\ \Phi_{56}^4\ \Phi_{32}^4\ \Phi_{28}^4\ \Phi_{16}^5\ \Phi_{14}^4\ \Phi_8^5\ \Phi_7^4\ \Phi_4^4\ \Phi_2^4$ Φ_1^5
140654	1805	2048	$\frac{13}{256}$	$\frac{243}{2048}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{512}\ \Phi_{16}\ \Phi_8\ \Phi_1$
140655	1805	1904	$\frac{99}{1904}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{272}\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}$ $\Phi_8\ \Phi_1$
140656	1805	2016	$\frac{13}{224}$	$\frac{211}{2016}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}$ $\Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9$ $\Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
140657	1805	384	$\frac{23}{384}$	$\frac{13}{128}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{384}^5\ \Phi_{192}^5\ \Phi_{128}^4\ \Phi_{96}^5\ \Phi_{64}^4\ \Phi_{48}^5\ \Phi_{32}^4\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^5$ $\Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
140658	1805	1128	$\frac{2}{47}$	$\frac{1}{6}$	$\frac{9}{47}$	$\frac{5}{24}$	$\Phi_{1128}^2\ \Phi_{564}^2\ \Phi_{376}^2\ \Phi_{188}^2\ \Phi_{47}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_4^3\ \Phi_1^3$
140659	1805	120	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{120}^{20}\ \Phi_{60}^{12}\ \Phi_{40}^{20}\ \Phi_{30}^{12}\ \Phi_{24}^{15}\ \Phi_{20}^{11}\ \Phi_{15}^{12}\ \Phi_{12}^7\ \Phi_{10}^{11}\ \Phi_8^{15}\ \Phi_6^{11}\ \Phi_5^{11}$ $\Phi_4^6\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
140660	1805	396	$\frac{35}{396}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{44}$	$\Phi_{396}^5\ \Phi_{198}^5\ \Phi_{132}^5\ \Phi_{99}^5\ \Phi_{66}^5\ \Phi_{36}^5\ \Phi_{33}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_9^5\ \Phi_6^5$ $\Phi_3^5\ \Phi_1^5$
140661	1805	440	$\frac{1}{11}$	$\frac{9}{88}$	$\frac{79}{440}$	$\frac{2}{11}$	$\Phi_{440}^5\ \Phi_{220}^5\ \Phi_{110}^5\ \Phi_{55}^5\ \Phi_{40}^5\ \Phi_{20}^5\ \Phi_{11}^4\ \Phi_{10}^5\ \Phi_5^5\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
140662	1806	1444	$\frac{1}{361}$	$\frac{181}{722}$	$\frac{541}{1444}$	$\frac{180}{361}$	$\Phi_{1444}^{2}\,\Phi_{361}\,\Phi_{76}^{2}\,\Phi_{19}\,\Phi_{4}^{2}\,\Phi_{1}^{2}$
140663	1806	600	$\frac{1}{300}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{299}{600}$	$\Phi_{600}^{6}\,\Phi_{200}^{6}\,\Phi_{120}^{6}\,\Phi_{40}^{6}\,\Phi_{24}^{6}\,\Phi_{8}^{6}\,\Phi_{5}\,\Phi_{1}^{2}$
140664	1806	600	$\frac{1}{300}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{299}{600}$	$\Phi_{600}^{6}\,\Phi_{200}^{6}\,\Phi_{120}^{6}\,\Phi_{40}^{6}\,\Phi_{24}^{6}\,\Phi_{12}\,\Phi_{8}^{6}\,\Phi_{6}$
140665	1806	3084	$\frac{1}{257}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{128}{257}$	$\Phi_{3084}\,\Phi_{1028}\,\Phi_{257}\,\Phi_{12}^{2}\,\Phi_{4}^{2}\,\Phi_{1}^{2}$
140666	1806	2313	$\frac{1}{257}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{128}{257}$	$\Phi_{2313}\,\Phi_{257}\,\Phi_{9}^{2}\,\Phi_{1}^{2}$
140667	1806	804	$\frac{1}{201}$	$\frac{1}{4}$	$\frac{101}{402}$	$\frac{100}{201}$	$\Phi_{804}^{3}\,\Phi_{402}\,\Phi_{268}^{3}\,\Phi_{201}^{2}\,\Phi_{134}\,\Phi_{67}^{2}\,\Phi_{12}^{3}\,\Phi_{6}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
140668	1806	3328	$\frac{1}{128}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{127}{256}$	$\Phi_{3328}\,\Phi_{256}^{2}\,\Phi_{13}\,\Phi_{1}^{2}$
140669	1806	768	$\frac{1}{128}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{127}{256}$	$\Phi_{768}^{7}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}$
140670	1806	570	$\frac{1}{95}$	$\frac{16}{285}$	$\frac{269}{570}$	$\frac{47}{95}$	$\Phi_{570}^{6}\,\Phi_{190}^{6}\,\Phi_{114}^{6}\,\Phi_{95}\,\Phi_{38}^{6}\,\Phi_{30}^{6}\,\Phi_{19}\,\Phi_{10}^{6}\,\Phi_{6}^{6}\,\Phi_{5}\,\Phi_{2}^{6}\,\Phi_{1}^{2}$
140671	1806	380	$\frac{1}{95}$	$\frac{16}{95}$	$\frac{79}{380}$	$\frac{47}{95}$	$\Phi_{380}^{6}\,\Phi_{190}^{6}\,\Phi_{95}\,\Phi_{76}^{6}\,\Phi_{38}^{6}\,\Phi_{20}^{6}\,\Phi_{19}\,\Phi_{10}^{6}\,\Phi_{5}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{2}$
140672	1806	1786	$\frac{10}{893}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{883}{1786}$	$\Phi_{1786}^{2}\,\Phi_{94}^{2}\,\Phi_{38}^{2}\,\Phi_{19}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
140673	1806	680	$\frac{1}{85}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{42}{85}$	$\Phi_{680}^{5}\,\Phi_{136}^{5}\,\Phi_{85}\,\Phi_{40}^{6}\,\Phi_{17}\,\Phi_{8}^{6}\,\Phi_{5}\,\Phi_{1}^{2}$
140674	1806	170	$\frac{1}{85}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{42}{85}$	$\Phi_{170}^{10}\,\Phi_{85}^{11}\,\Phi_{34}^{10}\,\Phi_{17}^{11}\,\Phi_{10}^{12}\,\Phi_{5}^{13}\,\Phi_{2}^{12}\,\Phi_{1}^{14}$
140675	1806	680	$\frac{1}{85}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{42}{85}$	$\Phi_{680}^{3}\,\Phi_{340}^{2}\,\Phi_{170}^{2}\,\Phi_{136}^{3}\,\Phi_{85}^{3}\,\Phi_{68}^{2}\,\Phi_{40}^{3}\,\Phi_{34}^{2}\,\Phi_{20}^{2}\,\Phi_{17}^{3}\,\Phi_{10}^{2}\,\Phi_{8}^{6}\,\Phi_{5}^{3}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
140676	1806	425	$\frac{1}{85}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{42}{85}$	$\Phi_{425}^{5}\,\Phi_{85}\,\Phi_{25}^{6}\,\Phi_{17}\,\Phi_{5}\,\Phi_{1}^{2}$
140677	1806	1188	$\frac{4}{297}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{293}{594}$	$\Phi_{1188}^{2}\,\Phi_{396}^{2}\,\Phi_{297}^{2}\,\Phi_{132}^{2}\,\Phi_{108}^{2}\,\Phi_{99}^{2}\,\Phi_{44}^{2}\,\Phi_{36}^{3}\,\Phi_{33}^{2}\,\Phi_{27}^{2}\,\Phi_{18}\,\Phi_{12}^{3}\,\Phi_{11}^{2}\,\Phi_{9}^{2}\,\Phi_{6}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
140678	1806	1340	$\frac{1}{67}$	$\frac{34}{335}$	$\frac{1}{4}$	$\frac{33}{67}$	$\Phi_{1340}^{2}\,\Phi_{670}^{2}\,\Phi_{268}\,\Phi_{134}\,\Phi_{20}^{2}\,\Phi_{10}^{2}$
140679	1806	1805	$\frac{29}{1805}$	$\frac{131}{1805}$	$\frac{558}{1805}$	$\frac{888}{1805}$	$\Phi_{1805}\,\Phi_{361}\,\Phi_{95}\,\Phi_{19}\,\Phi_{5}\,\Phi_{1}^{2}$
140680	1806	2072	$\frac{5}{259}$	$\frac{1}{8}$	$\frac{44}{259}$	$\frac{127}{259}$	$\Phi_{2072}\,\Phi_{1036}\,\Phi_{518}\,\Phi_{296}\,\Phi_{148}\,\Phi_{74}\,\Phi_{56}\,\Phi_{28}\,\Phi_{14}$
140681	1806	1805	$\frac{37}{1805}$	$\frac{214}{1805}$	$\frac{307}{1805}$	$\frac{884}{1805}$	$\Phi_{1805}\,\Phi_{361}\,\Phi_{95}\,\Phi_{19}\,\Phi_{5}\,\Phi_{1}^{2}$
140682	1806	2412	$\frac{13}{603}$	$\frac{44}{603}$	$\frac{1}{4}$	$\frac{295}{603}$	$\Phi_{2412}\,\Phi_{1206}\,\Phi_{804}\,\Phi_{402}\,\Phi_{268}\,\Phi_{134}\,\Phi_{36}\,\Phi_{18}\,\Phi_{12}\,\Phi_{6}$
140683	1806	589	$\frac{13}{589}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{288}{589}$	$\Phi_{589}^{3}\,\Phi_{31}^{3}\,\Phi_{19}^{5}\,\Phi_{1}^{6}$
140684	1806	3444	$\frac{1}{42}$	$\frac{1}{41}$	$\frac{20}{41}$	$\frac{41}{84}$	$\Phi_{3444}\,\Phi_{1148}\,\Phi_{492}\,\Phi_{164}\,\Phi_{84}^{2}\,\Phi_{41}\,\Phi_{28}^{2}\,\Phi_{12}^{2}\,\Phi_{4}^{2}\,\Phi_{1}^{2}$
140685	1806	924	$\frac{1}{42}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{924}^{4}\,\Phi_{308}^{4}\,\Phi_{132}^{4}\,\Phi_{84}^{2}\,\Phi_{66}\,\Phi_{44}^{4}\,\Phi_{33}\,\Phi_{28}^{2}\,\Phi_{12}^{2}\,\Phi_{6}\,\Phi_{4}^{2}$
140686	1806	3444	$\frac{1}{42}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{41}{84}$	$\Phi_{3444}\,\Phi_{1148}\,\Phi_{492}\,\Phi_{164}\,\Phi_{84}^{2}\,\Phi_{41}\,\Phi_{28}^{2}\,\Phi_{12}^{2}\,\Phi_{4}^{2}\,\Phi_{1}^{2}$
140687	1806	420	$\frac{1}{42}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{41}{84}$	$\Phi_{420}^{3}\,\Phi_{210}^{6}\,\Phi_{140}^{3}\,\Phi_{105}^{6}\,\Phi_{84}^{2}\,\Phi_{70}^{6}\,\Phi_{60}^{4}\,\Phi_{42}^{4}\,\Phi_{35}^{6}\,\Phi_{30}^{7}\,\Phi_{28}^{2}\,\Phi_{21}^{4}\,\Phi_{20}^{4}\,\Phi_{15}^{6}\,\Phi_{14}^{4}\,\Phi_{12}^{3}\,\Phi_{10}^{7}\,\Phi_{7}^{4}\,\Phi_{6}^{5}\,\Phi_{5}^{6}\,\Phi_{4}^{2}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
140688	1806	3444	$\frac{1}{42}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{41}{84}$	$\Phi_{3444}\,\Phi_{1148}\,\Phi_{492}\,\Phi_{164}\,\Phi_{84}^{2}\,\Phi_{41}\,\Phi_{28}^{2}\,\Phi_{12}^{2}\,\Phi_{4}^{2}\,\Phi_{1}^{2}$
140689	1806	168	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{41}{84}$	$\Phi_{168}^{12}\,\Phi_{84}^{6}\,\Phi_{56}^{13}\,\Phi_{42}^{12}\,\Phi_{28}^{7}\,\Phi_{24}^{12}\,\Phi_{21}^{12}\,\Phi_{14}^{13}\,\Phi_{12}^{6}\,\Phi_{8}^{12}\,\Phi_{7}^{12}\,\Phi_{6}^{12}\,\Phi_{4}^{6}\,\Phi_{3}^{12}\,\Phi_{2}^{12}\,\Phi_{1}^{12}$
140690	1806	1845	$\frac{1}{41}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{1845}\,\Phi_{615}\,\Phi_{369}\,\Phi_{205}\,\Phi_{45}^{2}\,\Phi_{41}\,\Phi_{15}^{2}\,\Phi_{9}^{2}\,\Phi_{5}^{2}\,\Phi_{1}^{2}$
140691	1806	2583	$\frac{1}{41}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{20}{41}$	$\Phi_{2583}\,\Phi_{369}\,\Phi_{63}^{2}\,\Phi_{41}\,\Phi_{9}^{2}\,\Phi_{1}^{2}$
140692	1806	2296	$\frac{1}{41}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{20}{41}$	$\Phi_{2296}\,\Phi_{1148}\,\Phi_{328}\,\Phi_{164}\,\Phi_{56}^{2}\,\Phi_{41}\,\Phi_{28}^{2}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{1}^{2}$
140693	1806	1968	$\frac{1}{41}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{20}{41}$	$\Phi_{1968}\,\Phi_{984}\,\Phi_{656}\,\Phi_{492}\,\Phi_{328}\,\Phi_{164}\,\Phi_{48}^{2}\,\Phi_{41}\,\Phi_{24}^{2}\,\Phi_{16}^{2}\,\Phi_{12}^{2}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{1}^{2}$
140694	1806	2009	$\frac{1}{41}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{20}{41}$	$\Phi_{2009}\,\Phi_{49}^{2}\,\Phi_{41}\,\Phi_{1}^{2}$
140695	1806	296	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{19}{148}$	$\frac{18}{37}$	$\Phi_{296}^{7}\,\Phi_{148}^{5}\,\Phi_{74}^{5}\,\Phi_{37}^{6}\,\Phi_{8}^{6}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
140696	1806	1216	$\frac{9}{304}$	$\frac{1}{19}$	$\frac{313}{1216}$	$\frac{295}{608}$	$\Phi_{1216}^{2}\,\Phi_{304}^{2}\,\Phi_{152}^{2}\,\Phi_{76}^{2}\,\Phi_{64}^{2}\,\Phi_{38}^{2}\,\Phi_{19}\,\Phi_{16}^{2}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
140697	1806	750	$\frac{4}{125}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{121}{250}$	$\Phi_{750}^{5}\,\Phi_{250}^{4}\,\Phi_{150}^{5}\,\Phi_{50}^{4}\,\Phi_{30}^{5}\,\Phi_{15}^{4}\,\Phi_{10}^{4}\,\Phi_{6}^{5}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
140698	1806	1748	$\frac{29}{874}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{845}{1748}$	$\Phi_{1748}^{2}\,\Phi_{92}^{2}\,\Phi_{76}^{2}\,\Phi_{38}^{2}\,\Phi_{19}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
140699	1806	638	$\frac{1}{29}$	$\frac{1}{22}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{638}^{3}\ \Phi_{319}^{3}\ \Phi_{58}\ \Phi_{29}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
140700	1806	780	$\frac{1}{26}$	$\frac{1}{15}$	$\frac{9}{52}$	$\frac{25}{52}$	$\Phi_{780}^{2}\ \Phi_{390}^{3}\ \Phi_{260}^{2}\ \Phi_{195}^{3}\ \Phi_{156}^{2}\ \Phi_{130}^{3}\ \Phi_{78}^{3}\ \Phi_{65}^{3}\ \Phi_{60}^{2}\ \Phi_{39}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{2}$
140701	1806	1320	$\frac{1}{44}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{1320}^{4}\ \Phi_{264}^{4}\ \Phi_{132}\ \Phi_{120}^{3}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}^{3}\ \Phi_{12}\ \Phi_{6}$
140702	1806	360	$\frac{2}{45}$	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{360}^{10}\ \Phi_{120}^{10}\ \Phi_{72}^{10}\ \Phi_{45}^{2}\ \Phi_{40}^{6}\ \Phi_{24}^{10}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{6}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
140703	1806	2040	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{19}{40}$	$\Phi_{2040}^{2}\ \Phi_{680}\ \Phi_{408}^{2}\ \Phi_{136}\ \Phi_{120}^{2}\ \Phi_{51}^{2}\ \Phi_{40}^{2}\ \Phi_{24}^{2}\ \Phi_{17}\ \Phi_{8}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
140704	1806	570	$\frac{1}{19}$	$\frac{16}{285}$	$\frac{3}{19}$	$\frac{269}{570}$	$\Phi_{570}^{6}\ \Phi_{190}^{6}\ \Phi_{114}^{6}\ \Phi_{38}^{6}\ \Phi_{30}^{6}\ \Phi_{19}^{5}\ \Phi_{10}^{6}\ \Phi_{6}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
140705	1806	3440	$\frac{1}{43}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{3440}\ \Phi_{688}\ \Phi_{172}\ \Phi_{86}$
140706	1806	240	$\frac{1}{15}$	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{37}{80}$	$\Phi_{240}^{15}\ \Phi_{80}^{12}\ \Phi_{48}^{15}\ \Phi_{30}^{5}\ \Phi_{16}^{12}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
140707	1806	832	$\frac{1}{64}$	$\frac{1}{13}$	$\frac{21}{64}$	$\frac{6}{13}$	$\Phi_{832}^{2}\ \Phi_{416}^{2}\ \Phi_{208}^{2}\ \Phi_{104}^{2}\ \Phi_{64}^{4}\ \Phi_{52}^{2}\ \Phi_{32}^{4}\ \Phi_{26}^{2}\ \Phi_{16}^{4}\ \Phi_{13}^{3}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
140708	1806	572	$\frac{1}{44}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{572}^{3}\ \Phi_{286}^{3}\ \Phi_{143}^{3}\ \Phi_{52}^{2}\ \Phi_{44}^{6}\ \Phi_{26}^{2}\ \Phi_{22}^{6}\ \Phi_{13}^{3}\ \Phi_{11}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
140709	1806	2080	$\frac{1}{32}$	$\frac{1}{13}$	$\frac{31}{160}$	$\frac{6}{13}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{160}^{2}\ \Phi_{130}\ \Phi_{80}^{2}\ \Phi_{65}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{13}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
140710	1806	1768	$\frac{7}{136}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{6}{13}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{442}\ \Phi_{221}\ \Phi_{136}^{2}\ \Phi_{68}^{2}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{13}\ \Phi_{1}^{2}$
140711	1806	624	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{5}{48}$	$\frac{6}{13}$	$\Phi_{624}^{3}\ \Phi_{312}^{3}\ \Phi_{208}^{2}\ \Phi_{156}^{3}\ \Phi_{104}^{2}\ \Phi_{78}^{3}\ \Phi_{52}^{2}\ \Phi_{48}^{6}\ \Phi_{39}^{3}\ \Phi_{26}^{2}\ \Phi_{24}^{6}\ \Phi_{16}^{4}\ \Phi_{13}^{3}\ \Phi_{12}^{6}\ \Phi_{8}^{4}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
140712	1806	1672	$\frac{1}{19}$	$\frac{67}{836}$	$\frac{9}{76}$	$\frac{769}{1672}$	$\Phi_{1672}^{2}\ \Phi_{152}^{2}\ \Phi_{88}^{2}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{19}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
140713	1806	1805	$\frac{23}{1805}$	$\frac{173}{1805}$	$\frac{594}{1805}$	$\frac{816}{1805}$	$\Phi_{1805}\ \Phi_{361}\ \Phi_{95}\ \Phi_{19}\ \Phi_{5}\ \Phi_{1}^{2}$
140714	1806	420	$\frac{1}{15}$	$\frac{11}{140}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{140}^{4}\ \Phi_{105}^{5}\ \Phi_{84}^{5}\ \Phi_{70}^{4}\ \Phi_{42}^{5}\ \Phi_{35}^{4}\ \Phi_{30}^{5}\ \Phi_{28}^{4}\ \Phi_{21}^{5}\ \Phi_{15}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
140715	1806	390	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{35}{78}$	$\Phi_{390}^{9}\ \Phi_{195}\ \Phi_{130}^{9}\ \Phi_{78}^{6}\ \Phi_{65}\ \Phi_{39}\ \Phi_{30}^{9}\ \Phi_{26}^{6}\ \Phi_{10}^{9}\ \Phi_{6}^{6}\ \Phi_{2}^{6}$
140716	1806	190	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{2}{19}$	$\frac{17}{38}$	$\Phi_{190}^{19}\ \Phi_{95}^{2}\ \Phi_{38}^{10}\ \Phi_{19}\ \Phi_{10}^{19}\ \Phi_{5}^{2}\ \Phi_{2}^{10}\ \Phi_{1}^{2}$
140717	1806	612	$\frac{5}{306}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{612}^{4}\ \Phi_{306}^{2}\ \Phi_{204}^{4}\ \Phi_{153}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{4}\ \Phi_{51}^{2}\ \Phi_{36}^{3}\ \Phi_{34}^{2}\ \Phi_{18}\ \Phi_{17}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{6}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
140718	1806	1892	$\frac{1}{44}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{1892}\ \Phi_{946}\ \Phi_{473}\ \Phi_{172}\ \Phi_{86}$
140719	1806	536	$\frac{1}{67}$	$\frac{33}{268}$	$\frac{1}{4}$	$\frac{235}{536}$	$\Phi_{536}^{6}\ \Phi_{268}\ \Phi_{134}\ \Phi_{8}^{6}$
140720	1806	912	$\frac{3}{304}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{912}^{3}\ \Phi_{456}^{3}\ \Phi_{228}^{3}\ \Phi_{114}^{3}\ \Phi_{57}^{3}\ \Phi_{48}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
140721	1806	76	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{33}{76}$	$\Phi_{76}^{42}\ \Phi_{38}^{6}\ \Phi_{19}^{5}\ \Phi_{4}^{42}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
140722	1806	1805	$\frac{34}{1805}$	$\frac{253}{1805}$	$\frac{343}{1805}$	$\frac{776}{1805}$	$\Phi_{1805}\ \Phi_{361}\ \Phi_{95}\ \Phi_{19}\ \Phi_{5}\ \Phi_{1}^{2}$
140723	1806	2412	$\frac{8}{603}$	$\frac{85}{603}$	$\frac{1}{4}$	$\frac{259}{603}$	$\Phi_{2412}\ \Phi_{1206}\ \Phi_{804}\ \Phi_{402}\ \Phi_{268}\ \Phi_{134}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
140724	1806	678	$\frac{1}{113}$	$\frac{16}{113}$	$\frac{1}{3}$	$\frac{97}{226}$	$\Phi_{678}^{7}\ \Phi_{339}\ \Phi_{6}^{7}$
140725	1806	1064	$\frac{4}{133}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1064}^{2}\ \Phi_{532}^{2}\ \Phi_{266}^{2}\ \Phi_{152}^{2}\ \Phi_{76}^{2}\ \Phi_{56}\ \Phi_{38}^{2}\ \Phi_{28}\ \Phi_{14}$
140726	1806	296	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{6}{37}$	$\frac{31}{74}$	$\Phi_{296}^{7}\ \Phi_{148}^{7}\ \Phi_{74}\ \Phi_{37}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{1}^{6}$
140727	1806	780	$\frac{1}{130}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{780}^{4}\ \Phi_{390}\ \Phi_{260}^{4}\ \Phi_{195}\ \Phi_{156}^{4}\ \Phi_{78}\ \Phi_{60}^{4}\ \Phi_{52}^{4}\ \Phi_{39}\ \Phi_{30}\ \Phi_{20}^{4}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}^{2}$
140728	1806	3084	$\frac{2}{257}$	$\frac{1}{6}$	$\frac{85}{257}$	$\frac{5}{12}$	$\Phi_{3084}\ \Phi_{1028}\ \Phi_{257}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
140729	1806	348	$\frac{1}{87}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{348}^{4}\ \Phi_{174}^{7}\ \Phi_{116}^{4}\ \Phi_{87}^{6}\ \Phi_{58}^{7}\ \Phi_{29}^{6}\ \Phi_{12}^{3}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
140730	1806	3084	$\frac{5}{257}$	$\frac{42}{257}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3084}\ \Phi_{1028}\ \Phi_{257}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
140731	1806	924	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}^{3}\ \Phi_{231}^{2}\ \Phi_{154}^{3}\ \Phi_{84}\ \Phi_{77}^{3}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
140732	1806	1520	$\frac{1}{95}$	$\frac{143}{760}$	$\frac{47}{190}$	$\frac{617}{1520}$	$\Phi_{1520}^{2}\ \Phi_{304}^{2}\ \Phi_{190}^{2}\ \Phi_{95}\ \Phi_{80}^{2}\ \Phi_{38}^{2}\ \Phi_{19}\ \Phi_{16}^{2}\ \Phi_{10}^{2}\ \Phi_{5}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
140733	1806	1520	$\frac{1}{19}$	$\frac{9}{152}$	$\frac{143}{760}$	$\frac{617}{1520}$	$\Phi_{1520}^{2}\ \Phi_{304}^{2}\ \Phi_{152}^{2}\ \Phi_{80}^{2}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{19}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
140734	1806	1515	$\frac{2}{303}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1515}\ \Phi_{505}\ \Phi_{303}^{2}\ \Phi_{101}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
140735	1806	450	$\frac{1}{150}$	$\frac{1}{5}$	$\frac{149}{450}$	$\frac{2}{5}$	$\Phi_{450}^{6}\ \Phi_{225}^{6}\ \Phi_{90}^{6}\ \Phi_{45}^{6}\ \Phi_{18}^{6}\ \Phi_{9}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
140736	1806	130	$\frac{1}{130}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{130}^{14}\ \Phi_{65}^{14}\ \Phi_{26}^{14}\ \Phi_{13}^{14}\ \Phi_{10}^{12}\ \Phi_{5}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
140737	1806	1520	$\frac{3}{304}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1520}\ \Phi_{760}\ \Phi_{380}\ \Phi_{304}^{2}\ \Phi_{190}\ \Phi_{152}^{2}\ \Phi_{95}\ \Phi_{80}\ \Phi_{76}^{2}\ \Phi_{40}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
140738	1806	400	$\frac{1}{100}$	$\frac{1}{5}$	$\frac{99}{400}$	$\frac{2}{5}$	$\Phi_{400}^{6}\ \Phi_{200}^{6}\ \Phi_{80}^{6}\ \Phi_{40}^{6}\ \Phi_{16}^{6}\ \Phi_{8}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
140739	1806	305	$\frac{4}{305}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{305}^{6}\ \Phi_{61}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
140740	1806	375	$\frac{1}{75}$	$\frac{74}{375}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{375}^{6}\ \Phi_{125}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
140741	1806	1530	$\frac{5}{306}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}\ \Phi_{306}^{2}\ \Phi_{255}\ \Phi_{170}\ \Phi_{153}^{2}\ \Phi_{102}^{2}\ \Phi_{90}\ \Phi_{85}\ \Phi_{51}^{2}\ \Phi_{45}\ \Phi_{34}^{2}\ \Phi_{18}^{2}\ \Phi_{17}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
140742	1806	360	$\frac{1}{60}$	$\frac{59}{360}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{6}\ \Phi_{90}^{6}\ \Phi_{72}^{6}\ \Phi_{45}^{6}\ \Phi_{40}^{6}\ \Phi_{36}^{6}\ \Phi_{24}^{6}\ \Phi_{18}^{6}\ \Phi_{9}^{6}\ \Phi_{8}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
140743	1806	920	$\frac{17}{920}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{920}^{2}\ \Phi_{460}^{2}\ \Phi_{230}^{2}\ \Phi_{184}^{2}\ \Phi_{115}^{2}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{40}^{2}\ \Phi_{23}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
140744	1806	50	$\frac{1}{50}$	$\frac{7}{50}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{50}^{36}\ \Phi_{25}^{36}\ \Phi_{10}^{36}\ \Phi_{5}^{37}\ \Phi_{2}^{36}\ \Phi_{1}^{38}$
140745	1806	440	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{440}^{4}\ \Phi_{220}^{3}\ \Phi_{110}^{3}\ \Phi_{88}^{8}\ \Phi_{55}^{3}\ \Phi_{44}^{6}\ \Phi_{40}^{3}\ \Phi_{22}^{6}\ \Phi_{20}^{2}\ \Phi_{11}^{6}\ \Phi_{10}^{2}\ \Phi_{8}^{6}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
140746	1806	925	$\frac{22}{925}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{925}^{2}\ \Phi_{185}^{2}\ \Phi_{37}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
140747	1806	310	$\frac{9}{310}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{310}^{6}\ \Phi_{155}^{6}\ \Phi_{62}^{6}\ \Phi_{31}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
140748	1806	1000	$\frac{3}{100}$	$\frac{97}{1000}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1000}^{2}\ \Phi_{500}^{2}\ \Phi_{250}^{2}\ \Phi_{200}^{2}\ \Phi_{125}^{2}\ \Phi_{40}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
140749	1806	330	$\frac{1}{30}$	$\frac{29}{330}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{330}^{6}\ \Phi_{165}^{6}\ \Phi_{110}^{6}\ \Phi_{66}^{6}\ \Phi_{55}^{6}\ \Phi_{33}^{6}\ \Phi_{22}^{6}\ \Phi_{11}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
140750	1806	1560	$\frac{11}{312}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}^{2}\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}^{2}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}^{2}\ \Phi_{78}^{2}\ \Phi_{65}\ \Phi_{52}^{2}\ \Phi_{40}\ \Phi_{39}^{2}\ \Phi_{26}^{2}\ \Phi_{24}^{2}\ \Phi_{13}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
140751	1806	325	$\frac{1}{25}$	$\frac{24}{325}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{325}^{6}\ \Phi_{65}^{6}\ \Phi_{13}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
140752	1806	45	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{45}^{42}\ \Phi_{15}^{36}\ \Phi_{9}^{42}\ \Phi_{5}^{37}\ \Phi_{3}^{36}\ \Phi_{1}^{38}$
140753	1806	950	$\frac{47}{950}$	$\frac{3}{50}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{950}^{2}\ \Phi_{475}^{2}\ \Phi_{190}^{2}\ \Phi_{95}^{2}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
140754	1806	320	$\frac{1}{20}$	$\frac{19}{320}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{320}^{6}\ \Phi_{160}^{6}\ \Phi_{80}^{6}\ \Phi_{64}^{6}\ \Phi_{40}^{6}\ \Phi_{32}^{6}\ \Phi_{16}^{6}\ \Phi_{8}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
140755	1806	3120	$\frac{1}{26}$	$\frac{1}{15}$	$\frac{25}{104}$	$\frac{79}{208}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{390}\ \Phi_{240}\ \Phi_{195}\ \Phi_{130}\ \Phi_{80}\ \Phi_{78}\ \Phi_{65}\ \Phi_{48}\ \Phi_{39}\ \Phi_{30}\ \Phi_{10}\ \Phi_{6}$
140756	1806	380	$\frac{1}{95}$	$\frac{79}{380}$	$\frac{47}{190}$	$\frac{143}{380}$	$\Phi_{380}^{4}\ \Phi_{190}^{6}\ \Phi_{95}^{5}\ \Phi_{76}^{4}\ \Phi_{38}^{6}\ \Phi_{20}^{4}\ \Phi_{19}^{5}\ \Phi_{10}^{6}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
140757	1806	2064	$\frac{1}{43}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{688}\ \Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}$
140758	1806	304	$\frac{3}{304}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{304}^{6}\ \Phi_{152}^{6}\ \Phi_{76}^{6}\ \Phi_{38}^{6}\ \Phi_{19}^{5}\ \Phi_{16}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
140759	1806	475	$\frac{1}{95}$	$\frac{94}{475}$	$\frac{127}{475}$	$\frac{174}{475}$	$\Phi_{475}^{4}\ \Phi_{95}^{3}\ \Phi_{25}^{4}\ \Phi_{19}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
140760	1806	1805	$\frac{27}{1805}$	$\frac{254}{1805}$	$\frac{517}{1805}$	$\frac{644}{1805}$	$\Phi_{1805}\ \Phi_{361}\ \Phi_{95}\ \Phi_{19}\ \Phi_{5}\ \Phi_{1}^{2}$
140761	1806	1892	$\frac{1}{44}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{1892}\ \Phi_{946}\ \Phi_{473}\ \Phi_{172}\ \Phi_{86}$
140762	1806	2838	$\frac{1}{43}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{2838}\ \Phi_{946}\ \Phi_{473}\ \Phi_{258}\ \Phi_{86}$
140763	1806	456	$\frac{3}{76}$	$\frac{1}{19}$	$\frac{73}{228}$	$\frac{155}{456}$	$\Phi_{456}^{6}\ \Phi_{152}^{6}\ \Phi_{76}^{6}\ \Phi_{38}^{6}\ \Phi_{24}^{6}\ \Phi_{19}^{5}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
140764	1806	95	$\frac{2}{95}$	$\frac{9}{95}$	$\frac{31}{95}$	$\frac{32}{95}$	$\Phi_{95}^{19}\ \Phi_{19}^{19}\ \Phi_{5}^{19}\ \Phi_{1}^{20}$
140765	1806	2072	$\frac{4}{259}$	$\frac{1}{8}$	$\frac{85}{259}$	$\frac{87}{259}$	$\Phi_{2072}\ \Phi_{1036}\ \Phi_{518}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
140766	1806	1356	$\frac{1}{226}$	$\frac{75}{226}$	$\frac{1}{3}$	$\frac{151}{452}$	$\Phi_{1356}^{3}\ \Phi_{678}\ \Phi_{339}\ \Phi_{12}^{3}\ \Phi_{6}$
140767	1806	1212	$\frac{2}{303}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1212}^{2}\ \Phi_{606}^{2}\ \Phi_{404}^{2}\ \Phi_{202}^{2}\ \Phi_{12}\ \Phi_{6}$
140768	1806	1170	$\frac{1}{130}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1170}^{2}\ \Phi_{585}^{2}\ \Phi_{390}\ \Phi_{234}^{2}\ \Phi_{195}\ \Phi_{117}^{2}\ \Phi_{90}^{2}\ \Phi_{78}\ \Phi_{45}^{2}\ \Phi_{39}\ \Phi_{30}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{6}$
140769	1806	990	$\frac{2}{45}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{330}^{2}\ \Phi_{198}^{2}\ \Phi_{165}^{2}\ \Phi_{110}^{2}\ \Phi_{99}^{2}\ \Phi_{90}^{2}\ \Phi_{66}\ \Phi_{55}^{2}\ \Phi_{33}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{10}^{2}\ \Phi_{6}$
140770	1806	900	$\frac{1}{150}$	$\frac{1}{4}$	$\frac{149}{450}$	$\frac{1}{3}$	$\Phi_{900}^{4}\ \Phi_{450}^{2}\ \Phi_{225}^{2}\ \Phi_{180}^{4}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{4}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
140771	1806	2313	$\frac{2}{257}$	$\frac{2}{9}$	$\frac{85}{257}$	$\frac{1}{3}$	$\Phi_{2313}\ \Phi_{257}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
140772	1806	192	$\frac{1}{64}$	$\frac{1}{8}$	$\frac{21}{64}$	$\frac{1}{3}$	$\Phi_{192}^{14}\ \Phi_{96}^{14}\ \Phi_{48}^{14}\ \Phi_{24}^{15}\ \Phi_{12}^{15}\ \Phi_{6}^{15}\ \Phi_{3}^{14}$
140773	1806	339	$\frac{2}{113}$	$\frac{38}{339}$	$\frac{37}{113}$	$\frac{1}{3}$	$\Phi_{339}^{5}\ \Phi_{113}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
140774	1806	2712	$\frac{19}{904}$	$\frac{87}{904}$	$\frac{295}{904}$	$\frac{1}{3}$	$\Phi_{2712}\ \Phi_{1356}\ \Phi_{678}\ \Phi_{339}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
140775	1806	1386	$\frac{1}{22}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{1386}^{2}\ \Phi_{693}^{2}\ \Phi_{198}^{2}\ \Phi_{126}^{2}\ \Phi_{99}^{2}\ \Phi_{66}\ \Phi_{33}\ \Phi_{18}^{2}\ \Phi_{6}$
140776	1806	1845	$\frac{2}{45}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{369}\ \Phi_{205}\ \Phi_{45}^{2}\ \Phi_{41}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
140777	1806	660	$\frac{1}{44}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{660}^{4}\ \Phi_{330}^{4}\ \Phi_{165}^{4}\ \Phi_{132}^{5}\ \Phi_{66}^{5}\ \Phi_{60}^{4}\ \Phi_{33}^{5}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{5}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
140778	1806	2712	$\frac{15}{904}$	$\frac{127}{904}$	$\frac{259}{904}$	$\frac{1}{3}$	$\Phi_{2712}\ \Phi_{1356}\ \Phi_{678}\ \Phi_{339}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
140779	1806	912	$\frac{3}{304}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{912}^{3}\ \Phi_{456}^{3}\ \Phi_{228}^{3}\ \Phi_{114}^{3}\ \Phi_{57}^{3}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{12}\ \Phi_{6}$
140780	1806	1200	$\frac{1}{100}$	$\frac{99}{400}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1200}^{3}\ \Phi_{600}^{3}\ \Phi_{240}^{3}\ \Phi_{120}^{3}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{12}\ \Phi_{6}$
140781	1806	1044	$\frac{1}{87}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1044}^{3}\ \Phi_{522}^{3}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{58}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{6}$
140782	1806	3660	$\frac{4}{305}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3660}\ \Phi_{1830}\ \Phi_{732}\ \Phi_{366}\ \Phi_{12}\ \Phi_{6}$
140783	1806	1500	$\frac{1}{75}$	$\frac{74}{375}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1500}^{2}\ \Phi_{750}^{2}\ \Phi_{500}^{2}\ \Phi_{250}^{2}\ \Phi_{12}\ \Phi_{6}$
140784	1806	612	$\frac{5}{306}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{612}^{4}\ \Phi_{306}^{2}\ \Phi_{204}^{4}\ \Phi_{153}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{4}\ \Phi_{51}^{2}\ \Phi_{36}^{4}\ \Phi_{34}^{2}\ \Phi_{18}^{2}\ \Phi_{17}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{6}$
140785	1806	360	$\frac{1}{60}$	$\frac{59}{360}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{6}\ \Phi_{90}^{6}\ \Phi_{72}^{6}\ \Phi_{45}^{6}\ \Phi_{40}^{6}\ \Phi_{36}^{6}\ \Phi_{24}^{6}\ \Phi_{18}^{6}\ \Phi_{12}\ \Phi_{9}^{6}\ \Phi_{8}^{6}\ \Phi_{6}$
140786	1806	2760	$\frac{17}{920}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{120}\ \Phi_{69}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
140787	1806	300	$\frac{1}{50}$	$\frac{7}{50}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^{12}\ \Phi_{150}^{6}\ \Phi_{75}^{6}\ \Phi_{60}^{12}\ \Phi_{30}^{6}\ \Phi_{15}^{6}\ \Phi_{12}^{13}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
140788	1806	2460	$\frac{13}{615}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{820}\ \Phi_{492}\ \Phi_{410}\ \Phi_{246}\ \Phi_{164}\ \Phi_{82}\ \Phi_{12}\ \Phi_{6}$
140789	1806	264	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{264}^{12}\ \Phi_{132}^{9}\ \Phi_{66}^{9}\ \Phi_{33}^{9}\ \Phi_{24}^{9}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
140790	1806	2700	$\frac{2}{75}$	$\frac{73}{675}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{900}\ \Phi_{540}\ \Phi_{450}\ \Phi_{270}\ \Phi_{180}\ \Phi_{108}\ \Phi_{90}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
140791	1806	1860	$\frac{9}{310}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1860}^{2}\ \Phi_{930}\ \Phi_{465}\ \Phi_{372}^{2}\ \Phi_{186}\ \Phi_{93}\ \Phi_{12}\ \Phi_{6}$
140792	1806	3000	$\frac{3}{100}$	$\frac{97}{1000}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{600}\ \Phi_{375}\ \Phi_{120}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
140793	1806	660	$\frac{1}{30}$	$\frac{29}{330}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^{4}\ \Phi_{330}^{2}\ \Phi_{220}^{4}\ \Phi_{165}^{2}\ \Phi_{132}^{4}\ \Phi_{110}^{2}\ \Phi_{66}^{2}\ \Phi_{55}^{2}\ \Phi_{44}^{4}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{12}\ \Phi_{11}^{2}\ \Phi_{6}$
140794	1806	312	$\frac{11}{312}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{312}^{6}\ \Phi_{156}^{6}\ \Phi_{104}^{6}\ \Phi_{78}^{6}\ \Phi_{52}^{6}\ \Phi_{39}^{6}\ \Phi_{26}^{6}\ \Phi_{24}^{6}\ \Phi_{13}^{6}\ \Phi_{12}\ \Phi_{8}^{6}\ \Phi_{6}$
140795	1806	3900	$\frac{1}{25}$	$\frac{24}{325}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3900}\ \Phi_{1950}\ \Phi_{780}\ \Phi_{390}\ \Phi_{156}\ \Phi_{78}\ \Phi_{12}\ \Phi_{6}$
140796	1806	180	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^{14}\ \Phi_{90}^{14}\ \Phi_{60}^{12}\ \Phi_{36}^{14}\ \Phi_{30}^{12}\ \Phi_{20}^{12}\ \Phi_{18}^{14}\ \Phi_{12}^{13}\ \Phi_{10}^{12}\ \Phi_{6}^{13}\ \Phi_{4}^{12}\ \Phi_{2}^{12}$
140797	1806	960	$\frac{1}{20}$	$\frac{19}{320}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{960}^{3}\ \Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{192}^{3}\ \Phi_{120}^{3}\ \Phi_{96}^{3}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{12}\ \Phi_{6}$
140798	1806	1848	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{1848}^{2}\ \Phi_{924}^{2}\ \Phi_{264}^{2}\ \Phi_{168}\ \Phi_{132}^{2}\ \Phi_{84}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
140799	1806	2313	$\frac{5}{257}$	$\frac{42}{257}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2313}\ \Phi_{257}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
140800	1806	2772	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{308}\ \Phi_{252}\ \Phi_{154}\ \Phi_{126}\ \Phi_{77}\ \Phi_{28}\ \Phi_{14}$
140801	1806	2784	$\frac{25}{928}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{2784}\ \Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
140802	1806	3300	$\frac{1}{44}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{825}\ \Phi_{300}\ \Phi_{150}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_{6}$
140803	1806	480	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{31}{160}$	$\frac{1}{3}$	$\Phi_{480}^{7}\ \Phi_{240}^{7}\ \Phi_{120}^{7}\ \Phi_{60}^{7}\ \Phi_{30}^{7}\ \Phi_{24}\ \Phi_{15}^{7}\ \Phi_{12}\ \Phi_{6}$
140804	1806	2310	$\frac{1}{22}$	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{110}\ \Phi_{70}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}\ \Phi_{10}\ \Phi_{6}$
140805	1806	528	$\frac{1}{22}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{528}^{4}\ \Phi_{264}^{4}\ \Phi_{176}^{4}\ \Phi_{132}^{4}\ \Phi_{88}^{4}\ \Phi_{66}\ \Phi_{48}^{2}\ \Phi_{44}^{4}\ \Phi_{33}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}\ \Phi_{4}^{2}$
140806	1806	1845	$\frac{2}{45}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{3}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{369}\ \Phi_{205}\ \Phi_{45}^{2}\ \Phi_{41}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
140807	1806	2520	$\frac{2}{45}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{420}\ \Phi_{280}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{70}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
140808	1806	3234	$\frac{1}{22}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{3234}\ \Phi_{1617}\ \Phi_{294}\ \Phi_{66}\ \Phi_{33}\ \Phi_{6}$
140809	1806	408	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{408}^{7}\ \Phi_{204}^{7}\ \Phi_{102}^{7}\ \Phi_{51}^{7}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
140810	1806	3072	$\frac{7}{128}$	$\frac{121}{1024}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{3072}\ \Phi_{1536}\ \Phi_{768}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
140811	1806	960	$\frac{19}{320}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{960}^{3}\ \Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{192}^{2}\ \Phi_{120}^{3}\ \Phi_{96}^{2}\ \Phi_{60}^{3}\ \Phi_{48}^{2}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
140812	1806	48	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{48}^{35}\ \Phi_{24}^{36}\ \Phi_{16}^{42}\ \Phi_{12}^{36}\ \Phi_{8}^{42}\ \Phi_{6}^{36}\ \Phi_{4}^{42}\ \Phi_{3}^{35}\ \Phi_{2}^{42}\ \Phi_{1}^{42}$
140813	1806	3564	$\frac{8}{297}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{289}{891}$	$\Phi_{3564}\ \Phi_{1782}\ \Phi_{324}\ \Phi_{162}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
140814	1806	888	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{25}{111}$	$\frac{12}{37}$	$\Phi_{888}^{3}\ \Phi_{444}^{3}\ \Phi_{296}\ \Phi_{222}^{3}\ \Phi_{148}\ \Phi_{74}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
140815	1806	2583	$\frac{1}{21}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{20}{63}$	$\Phi_{2583}\ \Phi_{369}\ \Phi_{63}^{2}\ \Phi_{41}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
140816	1806	1260	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{20}{63}$	$\Phi_{1260}^{3}\ \Phi_{630}^{3}\ \Phi_{252}^{2}\ \Phi_{180}^{3}\ \Phi_{126}^{2}\ \Phi_{90}^{3}\ \Phi_{60}\ \Phi_{36}^{2}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
140817	1806	2583	$\frac{1}{21}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{20}{63}$	$\Phi_{2583}\ \Phi_{369}\ \Phi_{63}^{2}\ \Phi_{41}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
140818	1806	504	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{20}{63}$	$\Phi_{504}^{6}\ \Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{72}^{6}\ \Phi_{56}\ \Phi_{36}^{6}\ \Phi_{28}\ \Phi_{18}^{6}\ \Phi_{14}$
140819	1806	2296	$\frac{2}{41}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{13}{41}$	$\Phi_{2296}\ \Phi_{1148}\ \Phi_{328}\ \Phi_{164}\ \Phi_{56}^{2}\ \Phi_{41}\ \Phi_{28}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
140820	1806	1968	$\frac{2}{41}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{13}{41}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{492}\ \Phi_{328}\ \Phi_{164}\ \Phi_{48}^{2}\ \Phi_{41}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
140821	1806	2009	$\frac{2}{41}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{13}{41}$	$\Phi_{2009}\ \Phi_{49}^{2}\ \Phi_{41}\ \Phi_{1}^{2}$
140822	1806	780	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{9}{52}$	$\frac{4}{13}$	$\Phi_{780}^{3}\ \Phi_{390}^{3}\ \Phi_{260}^{3}\ \Phi_{195}\ \Phi_{156}^{3}\ \Phi_{130}^{3}\ \Phi_{78}^{3}\ \Phi_{65}\ \Phi_{60}^{3}\ \Phi_{39}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}$
140823	1806	90	$\frac{2}{45}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{90}^{20}\ \Phi_{45}^{22}\ \Phi_{30}^{20}\ \Phi_{18}^{20}\ \Phi_{15}^{22}\ \Phi_{10}^{12}\ \Phi_{9}^{22}\ \Phi_{6}^{20}\ \Phi_{5}^{13}\ \Phi_{3}^{22}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
140824	1806	510	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{8}{51}$	$\frac{3}{10}$	$\Phi_{510}^{4}\ \Phi_{255}^{4}\ \Phi_{170}^{2}\ \Phi_{102}^{4}\ \Phi_{85}^{2}\ \Phi_{51}^{6}\ \Phi_{34}^{2}\ \Phi_{30}^{4}\ \Phi_{17}^{3}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
140825	1806	150	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{7}{50}$	$\frac{3}{10}$	$\Phi_{150}^{15}\ \Phi_{75}^{15}\ \Phi_{50}^{12}\ \Phi_{30}^{5}\ \Phi_{25}^{12}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
140826	1806	2484	$\frac{19}{621}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{46}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
140827	1806	728	$\frac{5}{91}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{728}^{3}\ \Phi_{364}^{3}\ \Phi_{182}^{3}\ \Phi_{104}^{3}\ \Phi_{56}\ \Phi_{52}^{3}\ \Phi_{28}\ \Phi_{26}^{3}\ \Phi_{14}$
140828	1806	2580	$\frac{1}{43}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{645}\ \Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}$
140829	1806	60	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{60}$	$\Phi_{60}^{27}\ \Phi_{30}^{32}\ \Phi_{20}^{30}\ \Phi_{15}^{31}\ \Phi_{12}^{27}\ \Phi_{10}^{34}\ \Phi_{6}^{32}\ \Phi_{5}^{33}\ \Phi_{4}^{30}\ \Phi_{3}^{31}\ \Phi_{2}^{34}\ \Phi_{1}^{34}$
140830	1806	342	$\frac{1}{19}$	$\frac{41}{342}$	$\frac{3}{19}$	$\frac{16}{57}$	$\Phi_{342}^{6}\ \Phi_{171}^{6}\ \Phi_{114}^{6}\ \Phi_{38}^{6}\ \Phi_{19}^{5}\ \Phi_{18}^{6}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
140831	1806	804	$\frac{1}{67}$	$\frac{33}{134}$	$\frac{1}{4}$	$\frac{101}{402}$	$\Phi_{804}^{4}\ \Phi_{402}^{2}\ \Phi_{268}\ \Phi_{201}^{2}\ \Phi_{134}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
140832	1806	396	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{95}{396}$	$\frac{1}{4}$	$\Phi_{396}^{4}\ \Phi_{198}^{4}\ \Phi_{132}^{4}\ \Phi_{99}^{6}\ \Phi_{66}^{4}\ \Phi_{44}^{4}\ \Phi_{36}^{5}\ \Phi_{33}^{6}\ \Phi_{22}^{4}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{11}^{6}\ \Phi_{9}^{6}\ \Phi_{6}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
140833	1806	840	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{4}$	$\Phi_{840}^{3}\ \Phi_{420}\ \Phi_{280}^{3}\ \Phi_{210}^{2}\ \Phi_{168}^{3}\ \Phi_{140}\ \Phi_{120}^{3}\ \Phi_{105}^{2}\ \Phi_{84}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{42}^{2}\ \Phi_{40}^{3}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{2}$
140834	1806	360	$\frac{2}{45}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{360}^{6}\ \Phi_{180}^{4}\ \Phi_{120}^{6}\ \Phi_{90}^{4}\ \Phi_{72}^{6}\ \Phi_{60}^{4}\ \Phi_{45}^{6}\ \Phi_{40}^{3}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{6}\ \Phi_{20}^{2}\ \Phi_{18}^{4}\ \Phi_{15}^{6}\ \Phi_{12}^{4}\ \Phi_{10}^{2}\ \Phi_{9}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
140835	1806	240	$\frac{1}{15}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{240}^{9}\ \Phi_{120}^{9}\ \Phi_{80}^{9}\ \Phi_{60}^{4}\ \Phi_{48}^{6}\ \Phi_{40}^{9}\ \Phi_{30}^{7}\ \Phi_{24}^{6}\ \Phi_{20}^{4}\ \Phi_{16}^{6}\ \Phi_{15}^{6}\ \Phi_{12}^{3}\ \Phi_{10}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{5}\ \Phi_{5}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
140836	1806	408	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{8}{51}$	$\frac{1}{4}$	$\Phi_{408}^{6}\ \Phi_{204}^{4}\ \Phi_{136}^{3}\ \Phi_{102}^{4}\ \Phi_{68}^{2}\ \Phi_{51}^{6}\ \Phi_{34}^{2}\ \Phi_{24}^{6}\ \Phi_{17}^{3}\ \Phi_{12}^{4}\ \Phi_{8}^{6}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
140837	1806	324	$\frac{23}{324}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{4}$	$\Phi_{324}^{6}\ \Phi_{162}^{6}\ \Phi_{108}^{4}\ \Phi_{81}^{6}\ \Phi_{54}^{4}\ \Phi_{36}^{5}\ \Phi_{27}^{6}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{6}\ \Phi_{6}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
140838	1806	2940	$\frac{1}{15}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{980}\ \Phi_{588}\ \Phi_{490}\ \Phi_{294}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
140839	1806	396	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{13}{99}$	$\frac{1}{4}$	$\Phi_{396}^{6}\ \Phi_{198}^{6}\ \Phi_{132}^{6}\ \Phi_{66}^{6}\ \Phi_{44}^{6}\ \Phi_{36}^{7}\ \Phi_{22}^{6}\ \Phi_{18}^{7}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
140840	1806	2296	$\frac{1}{14}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{13}{56}$	$\Phi_{2296}\ \Phi_{1148}\ \Phi_{328}\ \Phi_{164}\ \Phi_{56}^2\ \Phi_{41}\ \Phi_{28}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
140841	1806	56	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{13}{56}$	$\Phi_{56}^{31}\ \Phi_{28}^{31}\ \Phi_{14}^{37}\ \Phi_8^{30}\ \Phi_7^{36}\ \Phi_4^{30}\ \Phi_2^{36}\ \Phi_1^{36}$
140842	1806	480	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{31}{160}$	$\frac{9}{40}$	$\Phi_{480}^5\ \Phi_{240}^5\ \Phi_{160}^4\ \Phi_{96}^5\ \Phi_{80}^4\ \Phi_{48}^5\ \Phi_{32}^4\ \Phi_{30}^5\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
140843	1806	280	$\frac{11}{140}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{280}^8\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{56}^5\ \Phi_{40}^8\ \Phi_{35}^6\ \Phi_{28}^3\ \Phi_{20}^6\ \Phi_{14}^5\ \Phi_{10}^6\ \Phi_8^4\ \Phi_7^4\ \Phi_5^6\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
140844	1806	380	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{16}{95}$	$\frac{79}{380}$	$\Phi_{380}^6\ \Phi_{190}^6\ \Phi_{76}^6\ \Phi_{38}^6\ \Phi_{20}^6\ \Phi_{19}^5\ \Phi_{10}^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
140845	1806	225	$\frac{2}{45}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{225}^{10}\ \Phi_{75}^{10}\ \Phi_{45}^2\ \Phi_{25}^6\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
140846	1806	425	$\frac{4}{85}$	$\frac{4}{25}$	$\frac{81}{425}$	$\frac{1}{5}$	$\Phi_{425}^4\ \Phi_{85}^5\ \Phi_{25}^5\ \Phi_{17}^5\ \Phi_5^5\ \Phi_1^6$
140847	1806	1275	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1275}^2\ \Phi_{425}\ \Phi_{75}^2\ \Phi_{51}^2\ \Phi_{25}^2\ \Phi_{17}\ \Phi_3^2\ \Phi_1^2$
140848	1806	150	$\frac{1}{15}$	$\frac{7}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{150}^{15}\ \Phi_{75}^{10}\ \Phi_{50}^{12}\ \Phi_{30}^{15}\ \Phi_{25}^8\ \Phi_{15}^{14}\ \Phi_{10}^{12}\ \Phi_6^{15}\ \Phi_5^{11}\ \Phi_3^{14}\ \Phi_2^{12}\ \Phi_1^{12}$
140849	1806	840	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{19}{105}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{280}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{120}^3\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{56}\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{28}\ \Phi_{20}^3\ \Phi_{14}\ \Phi_{10}^3$
140850	1806	361	$\frac{25}{361}$	$\frac{56}{361}$	$\frac{60}{361}$	$\frac{61}{361}$	$\Phi_{361}^5\ \Phi_{19}^5\ \Phi_1^6$
140851	1806	1968	$\frac{5}{48}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{6}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{492}\ \Phi_{328}\ \Phi_{164}\ \Phi_{48}^2\ \Phi_{41}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
140852	1806	336	$\frac{5}{48}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{336}^7\ \Phi_{168}^5\ \Phi_{112}^7\ \Phi_{84}^5\ \Phi_{56}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{14}^7\ \Phi_7^6$
140853	1806	2009	$\frac{5}{41}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{6}{41}$	$\Phi_{2009}\ \Phi_{49}^2\ \Phi_{41}\ \Phi_1^2$
140854	1806	392	$\frac{6}{49}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{7}$	$\Phi_{392}^6\ \Phi_{196}^6\ \Phi_{98}^6\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
140855	1807	2412	$\frac{2}{603}$	$\frac{605}{2412}$	$\frac{1}{3}$	$\frac{601}{1206}$	$\Phi_{2412}\ \Phi_{804}\ \Phi_{603}\ \Phi_{268}\ \Phi_{201}\ \Phi_{67}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
140856	1807	3096	$\frac{1}{258}$	$\frac{259}{1548}$	$\frac{1289}{3096}$	$\frac{257}{516}$	$\Phi_{3096}\ \Phi_{1032}\ \Phi_{516}\ \Phi_{344}\ \Phi_{172}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
140857	1807	3600	$\frac{7}{1800}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1793}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
140858	1807	3600	$\frac{7}{1800}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1793}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}\ \Phi_9\ \Phi_1$
140859	1807	552	$\frac{1}{138}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{137}{276}$	$\Phi_{552}^6\ \Phi_{276}\ \Phi_{184}^6\ \Phi_{92}\ \Phi_{24}^7\ \Phi_{12}\ \Phi_8^7\ \Phi_4\ \Phi_1$
140860	1807	1380	$\frac{1}{138}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{137}{276}$	$\Phi_{1380}^3\ \Phi_{460}^3\ \Phi_{276}\ \Phi_{92}\ \Phi_{60}^3\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
140861	1807	828	$\frac{1}{138}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{137}{276}$	$\Phi_{828}^6\ \Phi_{276}\ \Phi_{92}\ \Phi_{36}^6\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
140862	1807	1104	$\frac{1}{138}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{137}{276}$	$\Phi_{1104}^2\ \Phi_{552}^2\ \Phi_{368}^2\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{92}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
140863	1807	3584	$\frac{15}{1792}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{1777}{3584}$	$\Phi_{3584}\ \Phi_{512}\ \Phi_{28}\ \Phi_4\ \Phi_1$
140864	1807	2010	$\frac{2}{201}$	$\frac{203}{2010}$	$\frac{1}{3}$	$\frac{199}{402}$	$\Phi_{2010}\ \Phi_{1005}\ \Phi_{670}\ \Phi_{335}\ \Phi_{201}\ \Phi_{67}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
140865	1807	3440	$\frac{1}{86}$	$\frac{87}{1720}$	$\frac{1633}{3440}$	$\frac{85}{172}$	$\Phi_{3440}\ \Phi_{688}\ \Phi_{172}\ \Phi_{80}\ \Phi_{16}\ \Phi_4\ \Phi_1$
140866	1807	2580	$\frac{1}{86}$	$\frac{87}{860}$	$\frac{773}{2580}$	$\frac{85}{172}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{645}\ \Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
140867	1807	2064	$\frac{1}{86}$	$\frac{257}{2064}$	$\frac{87}{344}$	$\frac{85}{172}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{688}\ \Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
140868	1807	3564	$\frac{25}{1782}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1757}{3564}$	$\Phi_{3564}\ \Phi_{1188}\ \Phi_{396}\ \Phi_{324}\ \Phi_{132}\ \Phi_{108}\ \Phi_{44}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
140869	1807	1904	$\frac{3}{136}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{133}{272}$	$\Phi_{1904}^2\ \Phi_{272}\ \Phi_{112}^2\ \Phi_{28}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
140870	1807	2072	$\frac{6}{259}$	$\frac{265}{2072}$	$\frac{1}{7}$	$\frac{253}{518}$	$\Phi_{2072}\ \Phi_{1036}\ \Phi_{296}\ \Phi_{259}\ \Phi_{148}\ \Phi_{56}\ \Phi_{37}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
140871	1807	3528	$\frac{1}{42}$	$\frac{43}{1764}$	$\frac{1721}{3528}$	$\frac{41}{84}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{392}\ \Phi_{168}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
140872	1807	2352	$\frac{1}{42}$	$\frac{43}{588}$	$\frac{545}{2352}$	$\frac{41}{84}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{784}\ \Phi_{392}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{28}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
140873	1807	2016	$\frac{1}{42}$	$\frac{209}{2016}$	$\frac{43}{252}$	$\frac{41}{84}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
140874	1807	3528	$\frac{43}{1764}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{1721}{3528}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{392}\ \Phi_{168}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
140875	1807	3528	$\frac{43}{1764}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1721}{3528}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{392}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}\ \Phi_{49}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
140876	1807	1890	$\frac{4}{135}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{131}{270}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
140877	1807	3500	$\frac{57}{1750}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1693}{3500}$	$\Phi_{3500}\ \Phi_{700}\ \Phi_{500}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
140878	1807	2436	$\frac{20}{609}$	$\frac{1}{21}$	$\frac{629}{2436}$	$\frac{589}{1218}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{609}\ \Phi_{348}\ \Phi_{203}\ \Phi_{116}\ \Phi_{87}\ \Phi_{84}\ \Phi_{29}\ \Phi_{28}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
140879	1807	168	$\frac{1}{28}$	$\frac{1}{14}$	$\frac{29}{168}$	$\frac{27}{56}$	$\Phi_{168}^{13}\ \Phi_{84}^{13}\ \Phi_{42}^{13}\ \Phi_{28}^{13}\ \Phi_{24}^{13}\ \Phi_{21}^{13}\ \Phi_{14}^{12}\ \Phi_{12}^{13}\ \Phi_{7}^{12}\ \Phi_{6}^{13}\ \Phi_{4}^{13}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
140880	1807	266	$\frac{6}{133}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{127}{266}$	$\Phi_{266}^{6}\ \Phi_{133}^{7}\ \Phi_{38}^{6}\ \Phi_{19}^{7}\ \Phi_{14}^{12}\ \Phi_{7}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
140881	1807	1120	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{21}{160}$	$\frac{19}{40}$	$\Phi_{1120}^{2}\ \Phi_{560}^{2}\ \Phi_{224}^{2}\ \Phi_{160}\ \Phi_{140}^{2}\ \Phi_{112}^{2}\ \Phi_{80}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{32}\ \Phi_{28}^{2}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
140882	1807	1820	$\frac{9}{130}$	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{121}{260}$	$\Phi_{1820}^{2}\ \Phi_{364}^{2}\ \Phi_{260}\ \Phi_{140}^{2}\ \Phi_{70}^{2}\ \Phi_{52}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
140883	1807	2688	$\frac{15}{896}$	$\frac{1}{14}$	$\frac{881}{2688}$	$\frac{13}{28}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
140884	1807	1848	$\frac{41}{1848}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{24}\ \Phi_{22}\ \Phi_{21}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
140885	1807	2240	$\frac{15}{448}$	$\frac{1}{14}$	$\frac{433}{2240}$	$\frac{13}{28}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{320}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
140886	1807	1904	$\frac{97}{1904}$	$\frac{1}{14}$	$\frac{15}{112}$	$\frac{13}{28}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{272}\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{68}\ \Phi_{34}\ \Phi_{28}\ \Phi_{17}\ \Phi_{4}\ \Phi_{1}$
140887	1807	2016	$\frac{15}{224}$	$\frac{1}{14}$	$\frac{209}{2016}$	$\frac{13}{28}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
140888	1807	1836	$\frac{29}{1836}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{108}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{27}\ \Phi_{17}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
140889	1807	3360	$\frac{1}{42}$	$\frac{127}{1680}$	$\frac{41}{168}$	$\frac{1553}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{168}\ \Phi_{160}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
140890	1807	3360	$\frac{1}{14}$	$\frac{127}{1680}$	$\frac{13}{140}$	$\frac{1553}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{96}\ \Phi_{70}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
140891	1807	1128	$\frac{2}{141}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{1128}^{3}\ \Phi_{376}^{3}\ \Phi_{141}\ \Phi_{47}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
140892	1807	1656	$\frac{1}{69}$	$\frac{1}{12}$	$\frac{68}{207}$	$\frac{11}{24}$	$\Phi_{1656}^{3}\ \Phi_{207}\ \Phi_{72}^{3}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
140893	1807	552	$\frac{1}{46}$	$\frac{1}{12}$	$\frac{45}{184}$	$\frac{11}{24}$	$\Phi_{552}^{2}\ \Phi_{276}^{4}\ \Phi_{184}^{3}\ \Phi_{138}^{4}\ \Phi_{92}^{5}\ \Phi_{69}^{4}\ \Phi_{46}^{4}\ \Phi_{24}^{3}\ \Phi_{23}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
140894	1807	144	$\frac{5}{144}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{144}^{13}\ \Phi_{72}^{13}\ \Phi_{48}^{13}\ \Phi_{36}^{13}\ \Phi_{24}^{8}\ \Phi_{18}^{13}\ \Phi_{16}^{13}\ \Phi_{12}^{13}\ \Phi_{9}^{13}\ \Phi_{8}^{8}\ \Phi_{6}^{12}\ \Phi_{4}^{13}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
140895	1807	3864	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{22}{161}$	$\frac{11}{24}$	$\Phi_{3864}\ \Phi_{1288}\ \Phi_{168}\ \Phi_{161}\ \Phi_{56}\ \Phi_{24}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
140896	1807	1960	$\frac{1}{14}$	$\frac{153}{1960}$	$\frac{13}{140}$	$\frac{127}{280}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{70}\ \Phi_{49}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
140897	1807	252	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{113}{252}$	$\Phi_{252}^{13}\ \Phi_{84}^{13}\ \Phi_{36}^{13}\ \Phi_{28}^{13}\ \Phi_{14}^{12}\ \Phi_{12}^{13}\ \Phi_{7}^{12}\ \Phi_{4}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
140898	1807	1862	$\frac{55}{1862}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{1862}\ \Phi_{931}\ \Phi_{266}\ \Phi_{133}\ \Phi_{49}\ \Phi_{38}\ \Phi_{19}\ \Phi_{1}$
140899	1807	3216	$\frac{2}{201}$	$\frac{199}{1608}$	$\frac{1}{3}$	$\frac{1409}{3216}$	$\Phi_{3216}\ \Phi_{1072}\ \Phi_{201}\ \Phi_{67}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
140900	1807	1680	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{19}{120}$	$\frac{101}{240}$	$\Phi_{1680}^{2}\ \Phi_{560}^{2}\ \Phi_{336}^{2}\ \Phi_{240}\ \Phi_{140}^{2}\ \Phi_{112}^{2}\ \Phi_{80}\ \Phi_{70}^{2}\ \Phi_{48}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
140901	1807	3108	$\frac{6}{259}$	$\frac{1}{7}$	$\frac{253}{1554}$	$\frac{1301}{3108}$	$\Phi_{3108}\ \Phi_{1036}\ \Phi_{444}\ \Phi_{259}\ \Phi_{148}\ \Phi_{84}\ \Phi_{37}\ \Phi_{28}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
140902	1807	2700	$\frac{7}{900}$	$\frac{1}{6}$	$\frac{893}{2700}$	$\frac{5}{12}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
140903	1807	1824	$\frac{17}{1824}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
140904	1807	2400	$\frac{7}{600}$	$\frac{1}{6}$	$\frac{593}{2400}$	$\frac{5}{12}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
140905	1807	1836	$\frac{29}{1836}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{108}\ \Phi_{102}\ \Phi_{68}\ \Phi_{54}\ \Phi_{51}\ \Phi_{34}\ \Phi_{27}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
140906	1807	2160	$\frac{7}{360}$	$\frac{353}{2160}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
140907	1807	2100	$\frac{7}{300}$	$\frac{293}{2100}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
140908	1807	1860	$\frac{53}{1860}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{465}\ \Phi_{372}\ \Phi_{310}\ \Phi_{186}\ \Phi_{155}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{12}\ \Phi_4\ \Phi_1$
140909	1807	144	$\frac{5}{144}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{144}^{13}\ \Phi_{72}^{12}\ \Phi_{48}^{13}\ \Phi_{36}^{12}\ \Phi_{24}^{12}\ \Phi_{18}^{12}\ \Phi_{16}^{13}\ \Phi_{12}^{13}\ \Phi_9^{12}\ \Phi_8^{12}\ \Phi_6^{12}\ \Phi_4^{13}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
140910	1807	1980	$\frac{7}{180}$	$\frac{173}{1980}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
140911	1807	1920	$\frac{7}{120}$	$\frac{113}{1920}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
140912	1807	3096	$\frac{1}{129}$	$\frac{259}{1548}$	$\frac{128}{387}$	$\frac{1289}{3096}$	$\Phi_{3096}\ \Phi_{1032}\ \Phi_{387}\ \Phi_{344}\ \Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
140913	1807	2580	$\frac{1}{129}$	$\frac{128}{645}$	$\frac{773}{2580}$	$\frac{517}{1290}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{645}\ \Phi_{516}\ \Phi_{215}\ \Phi_{172}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
140914	1807	1818	$\frac{11}{1818}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1818}\ \Phi_{909}\ \Phi_{606}\ \Phi_{303}\ \Phi_{202}\ \Phi_{101}\ \Phi_9\ \Phi_1$
140915	1807	224	$\frac{1}{28}$	$\frac{1}{14}$	$\frac{27}{112}$	$\frac{85}{224}$	$\Phi_{224}^{13}\ \Phi_{32}^{13}\ \Phi_{28}^{13}\ \Phi_{14}^{12}\ \Phi_7^{12}\ \Phi_4^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
140916	1807	2016	$\frac{1}{42}$	$\frac{209}{2016}$	$\frac{41}{168}$	$\frac{127}{336}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
140917	1807	1008	$\frac{5}{144}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}\ \Phi_{63}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
140918	1807	2772	$\frac{1}{42}$	$\frac{41}{462}$	$\frac{421}{1386}$	$\frac{965}{2772}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{462}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{28}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
140919	1807	1890	$\frac{83}{1890}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{54}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
140920	1807	210	$\frac{1}{35}$	$\frac{1}{14}$	$\frac{34}{105}$	$\frac{71}{210}$	$\Phi_{210}^6\ \Phi_{105}^7\ \Phi_{70}^{13}\ \Phi_{42}^6\ \Phi_{35}^{13}\ \Phi_{30}^6\ \Phi_{21}^7\ \Phi_{15}^7\ \Phi_{14}^{12}\ \Phi_{10}^{13}\ \Phi_7^{12}\ \Phi_6^6\ \Phi_5^{13}\ \Phi_3^7\ \Phi_2^{12}\ \Phi_1^{13}$
140921	1807	2322	$\frac{1}{129}$	$\frac{515}{2322}$	$\frac{128}{387}$	$\frac{259}{774}$	$\Phi_{2322}\ \Phi_{1161}\ \Phi_{387}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
140922	1807	705	$\frac{2}{141}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{705}^3\ \Phi_{235}^3\ \Phi_{141}\ \Phi_{47}\ \Phi_{15}\ \Phi_5\ \Phi_1$
140923	1807	2700	$\frac{7}{900}$	$\frac{2}{9}$	$\frac{893}{2700}$	$\frac{1}{3}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
140924	1807	1035	$\frac{1}{69}$	$\frac{2}{15}$	$\frac{68}{207}$	$\frac{1}{3}$	$\Phi_{1035}^3\ \Phi_{207}\ \Phi_{45}^3\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
140925	1807	2673	$\frac{25}{891}$	$\frac{2}{27}$	$\frac{866}{2673}$	$\frac{1}{3}$	$\Phi_{2673}\ \Phi_{243}\ \Phi_{27}\ \Phi_9\ \Phi_1$
140926	1807	1863	$\frac{56}{1863}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{1863}\ \Phi_{621}\ \Phi_{207}\ \Phi_{69}\ \Phi_{27}\ \Phi_{23}\ \Phi_9\ \Phi_1$
140927	1807	201	$\frac{2}{67}$	$\frac{5}{67}$	$\frac{62}{201}$	$\frac{1}{3}$	$\Phi_{201}^7\ \Phi_{67}^{13}\ \Phi_3^6\ \Phi_1^{13}$
140928	1807	846	$\frac{2}{141}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{846}^3\ \Phi_{423}^3\ \Phi_{141}\ \Phi_{47}\ \Phi_{18}\ \Phi_9\ \Phi_1$
140929	1807	2412	$\frac{2}{201}$	$\frac{199}{804}$	$\frac{605}{2412}$	$\frac{1}{3}$	$\Phi_{2412}\ \Phi_{1206}\ \Phi_{603}\ \Phi_{201}\ \Phi_{67}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
140930	1807	2256	$\frac{2}{141}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{752}\ \Phi_{376}\ \Phi_{141}\ \Phi_{47}\ \Phi_{16}\ \Phi_8\ \Phi_1$
140931	1807	2760	$\frac{1}{46}$	$\frac{2}{15}$	$\frac{45}{184}$	$\frac{1}{3}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{920}\ \Phi_{460}\ \Phi_{184}\ \Phi_{120}\ \Phi_{92}\ \Phi_{60}\ \Phi_{40}\ \Phi_{20}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
140932	1807	2376	$\frac{25}{594}$	$\frac{2}{27}$	$\frac{569}{2376}$	$\frac{1}{3}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{216}\ \Phi_{132}\ \Phi_{108}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
140933	1807	2250	$\frac{7}{450}$	$\frac{443}{2250}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{750}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
140934	1807	1836	$\frac{29}{1836}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{108}\ \Phi_{102}\ \Phi_{68}\ \Phi_{54}\ \Phi_{51}\ \Phi_{34}\ \Phi_{27}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
140935	1807	2160	$\frac{7}{360}$	$\frac{353}{2160}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
140936	1807	1845	$\frac{38}{1845}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{369}\ \Phi_{205}\ \Phi_{123}\ \Phi_{41}\ \Phi_{9}\ \Phi_{1}$
140937	1807	2025	$\frac{7}{225}$	$\frac{218}{2025}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{405}\ \Phi_{135}\ \Phi_{81}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
140938	1807	144	$\frac{5}{144}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{144}^{13}\ \Phi_{72}^{12}\ \Phi_{48}^{13}\ \Phi_{36}^{12}\ \Phi_{24}^{12}\ \Phi_{18}^{12}\ \Phi_{16}^{13}\ \Phi_{12}^{12}\ \Phi_{9}^{13}\ \Phi_{8}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
140939	1807	1980	$\frac{7}{180}$	$\frac{173}{1980}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
140940	1807	1890	$\frac{83}{1890}$	$\frac{7}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
140941	1807	345	$\frac{2}{69}$	$\frac{2}{15}$	$\frac{67}{345}$	$\frac{1}{3}$	$\Phi_{345}^{5}\ \Phi_{115}^{5}\ \Phi_{69}^{6}\ \Phi_{23}^{6}\ \Phi_{15}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
140942	1807	720	$\frac{5}{144}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{3}\ \Phi_{180}^{3}\ \Phi_{144}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{80}^{3}\ \Phi_{72}\ \Phi_{60}^{3}\ \Phi_{48}\ \Phi_{45}^{3}\ \Phi_{40}^{3}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}^{3}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
140943	1807	1944	$\frac{137}{1944}$	$\frac{2}{27}$	$\frac{25}{162}$	$\frac{1}{3}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
140944	1807	2415	$\frac{1}{23}$	$\frac{2}{15}$	$\frac{22}{161}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{805}\ \Phi_{161}\ \Phi_{105}\ \Phi_{35}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
140945	1807	2079	$\frac{2}{27}$	$\frac{25}{297}$	$\frac{272}{2079}$	$\frac{1}{3}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{231}\ \Phi_{189}\ \Phi_{77}\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
140946	1807	414	$\frac{1}{69}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{68}{207}$	$\Phi_{414}^{3}\ \Phi_{207}^{4}\ \Phi_{138}^{6}\ \Phi_{69}^{6}\ \Phi_{46}^{6}\ \Phi_{23}^{6}\ \Phi_{18}^{4}\ \Phi_{9}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
140947	1807	3312	$\frac{1}{69}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{68}{207}$	$\Phi_{3312}\ \Phi_{1656}\ \Phi_{207}\ \Phi_{144}\ \Phi_{72}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
140948	1807	2331	$\frac{6}{259}$	$\frac{1}{7}$	$\frac{524}{2331}$	$\frac{253}{777}$	$\Phi_{2331}\ \Phi_{333}\ \Phi_{259}\ \Phi_{63}\ \Phi_{37}\ \Phi_{9}\ \Phi_{1}$
140949	1807	1428	$\frac{3}{68}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{65}{204}$	$\Phi_{1428}^{2}\ \Phi_{714}^{2}\ \Phi_{357}^{2}\ \Phi_{204}\ \Phi_{102}\ \Phi_{84}^{2}\ \Phi_{51}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
140950	1807	2646	$\frac{1}{21}$	$\frac{43}{882}$	$\frac{839}{2646}$	$\frac{20}{63}$	$\Phi_{2646}\ \Phi_{1323}\ \Phi_{378}\ \Phi_{189}\ \Phi_{63}\ \Phi_{54}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
140951	1807	2205	$\frac{1}{21}$	$\frac{43}{441}$	$\frac{398}{2205}$	$\frac{20}{63}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{315}\ \Phi_{245}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
140952	1807	2016	$\frac{1}{21}$	$\frac{209}{2016}$	$\frac{43}{252}$	$\frac{20}{63}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
140953	1807	2646	$\frac{43}{882}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{839}{2646}$	$\Phi_{2646}\ \Phi_{1323}\ \Phi_{378}\ \Phi_{189}\ \Phi_{54}\ \Phi_{49}\ \Phi_{27}\ \Phi_{1}$
140954	1807	1260	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{41}{180}$	$\frac{19}{60}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{252}^{2}\ \Phi_{180}\ \Phi_{140}^{2}\ \Phi_{126}^{2}\ \Phi_{90}\ \Phi_{70}^{2}\ \Phi_{63}^{2}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{20}\ \Phi_{18}\ \Phi_{14}\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
140955	1807	168	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{29}{168}$	$\frac{13}{42}$	$\Phi_{168}^{13}\ \Phi_{84}^{13}\ \Phi_{56}^{13}\ \Phi_{28}^{13}\ \Phi_{24}^{13}\ \Phi_{14}^{12}\ \Phi_{12}^{13}\ \Phi_{8}^{13}\ \Phi_{7}^{12}\ \Phi_{4}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
140956	1807	2100	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{293}{2100}$	$\frac{127}{420}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{140}\ \Phi_{100}\ \Phi_{75}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
140957	1807	147	$\frac{8}{147}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{147}$	$\Phi_{147}^{12}\ \Phi_{49}^{13}\ \Phi_{21}^{12}\ \Phi_{7}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{13}$
140958	1807	2520	$\frac{1}{42}$	$\frac{127}{840}$	$\frac{41}{168}$	$\frac{713}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
140959	1807	2520	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{127}{840}$	$\frac{713}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
140960	1807	1656	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{45}{184}$	$\frac{5}{18}$	$\Phi_{1656}^{2}\ \Phi_{828}^{2}\ \Phi_{184}\ \Phi_{92}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
140961	1807	144	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{144}^{13}\ \Phi_{72}^{13}\ \Phi_{48}^{13}\ \Phi_{36}^{13}\ \Phi_{24}^{13}\ \Phi_{18}^{8}\ \Phi_{16}^{13}\ \Phi_{12}^{13}\ \Phi_{9}^{8}\ \Phi_{8}^{13}\ \Phi_{6}^{12}\ \Phi_{4}^{13}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
140962	1807	2898	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2898}\ \Phi_{1449}\ \Phi_{161}\ \Phi_{126}\ \Phi_{63}\ \Phi_{18}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
140963	1807	1050	$\frac{1}{14}$	$\frac{11}{150}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1050}^{2}\ \Phi_{525}^{2}\ \Phi_{350}^{2}\ \Phi_{210}\ \Phi_{175}^{2}\ \Phi_{150}\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}^{2}\ \Phi_{50}\ \Phi_{42}\ \Phi_{35}^{2}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
140964	1807	368	$\frac{1}{46}$	$\frac{3}{16}$	$\frac{45}{184}$	$\frac{1}{4}$	$\Phi_{368}^{6}\ \Phi_{184}^{3}\ \Phi_{92}^{5}\ \Phi_{46}^{4}\ \Phi_{23}^{4}\ \Phi_{16}^{7}\ \Phi_{8}^{4}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
140965	1807	144	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{144}^{13}\ \Phi_{72}^{13}\ \Phi_{48}^{11}\ \Phi_{36}^{13}\ \Phi_{24}^{11}\ \Phi_{18}^{13}\ \Phi_{16}^{12}\ \Phi_{12}^{13}\ \Phi_{9}^{13}\ \Phi_{8}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{13}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
140966	1807	2576	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2576}\ \Phi_{1288}\ \Phi_{161}\ \Phi_{112}\ \Phi_{56}\ \Phi_{16}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
140967	1807	2352	$\frac{43}{588}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{545}{2352}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{784}\ \Phi_{392}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{56}\ \Phi_{49}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
140968	1807	1260	$\frac{1}{14}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{180}$	$\Phi_{1260}^{2}\ \Phi_{630}\ \Phi_{420}^{2}\ \Phi_{315}\ \Phi_{252}^{2}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}^{2}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
140969	1807	2240	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{433}{2240}$	$\frac{127}{560}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{64}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
140970	1807	1960	$\frac{153}{1960}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{196}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{49}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
140971	1807	2100	$\frac{1}{14}$	$\frac{293}{2100}$	$\frac{57}{350}$	$\frac{13}{70}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
140972	1807	2205	$\frac{43}{441}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{398}{2205}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{315}\ \Phi_{245}\ \Phi_{105}\ \Phi_{49}\ \Phi_{45}\ \Phi_{35}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
140973	1807	2058	$\frac{251}{2058}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{294}$	$\Phi_{2058}\ \Phi_{1029}\ \Phi_{686}\ \Phi_{343}\ \Phi_{49}\ \Phi_{1}$
140974	1808	1353	$\frac{1}{451}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{225}{451}$	$\Phi_{1353}\ \Phi_{451}^{2}\ \Phi_{123}\ \Phi_{41}^{2}\ \Phi_{33}\ \Phi_{11}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
140975	1808	1807	$\frac{5}{1807}$	$\frac{453}{1807}$	$\frac{677}{1807}$	$\frac{901}{1807}$	$\Phi_{1807}\ \Phi_{139}\ \Phi_{13}\ \Phi_{1}^{2}$
140976	1808	2715	$\frac{3}{905}$	$\frac{227}{905}$	$\frac{1}{3}$	$\frac{451}{905}$	$\Phi_{2715}\ \Phi_{543}\ \Phi_{15}$
140977	1808	1575	$\frac{1}{225}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{112}{225}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}\ \Phi_{225}^{2}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}^{2}\ \Phi_{63}\ \Phi_{45}^{2}\ \Phi_{35}\ \Phi_{25}^{2}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
140978	1808	225	$\frac{1}{225}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{112}{225}$	$\Phi_{225}^{8}\ \Phi_{75}^{8}\ \Phi_{45}^{8}\ \Phi_{25}^{8}\ \Phi_{15}^{9}\ \Phi_{9}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
140979	1808	1807	$\frac{9}{1807}$	$\frac{227}{1807}$	$\frac{790}{1807}$	$\frac{899}{1807}$	$\Phi_{1807}\ \Phi_{139}\ \Phi_{13}\ \Phi_{1}^{2}$
140980	1808	543	$\frac{1}{181}$	$\frac{91}{543}$	$\frac{1}{3}$	$\frac{90}{181}$	$\Phi_{543}^{3}\ \Phi_{181}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
140981	1808	755	$\frac{1}{151}$	$\frac{1}{5}$	$\frac{38}{151}$	$\frac{75}{151}$	$\Phi_{755}^{3}\ \Phi_{5}^{2}$
140982	1808	417	$\frac{1}{139}$	$\frac{35}{417}$	$\frac{191}{417}$	$\frac{69}{139}$	$\Phi_{417}^{4}\ \Phi_{139}^{5}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
140983	1808	1251	$\frac{1}{139}$	$\frac{70}{417}$	$\frac{347}{1251}$	$\frac{69}{139}$	$\Phi_{1251}^{2}\ \Phi_{139}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
140984	1808	139	$\frac{1}{139}$	$\frac{26}{139}$	$\frac{35}{139}$	$\frac{69}{139}$	$\Phi_{139}^{13}\ \Phi_{1}^{14}$
140985	1808	2715	$\frac{7}{905}$	$\frac{114}{905}$	$\frac{1}{3}$	$\frac{449}{905}$	$\Phi_{2715}\ \Phi_{543}\ \Phi_{15}$
140986	1808	897	$\frac{7}{897}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{445}{897}$	$\Phi_{897}^{2}\ \Phi_{299}^{2}\ \Phi_{69}^{2}\ \Phi_{39}^{2}\ \Phi_{23}^{2}\ \Phi_{13}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
140987	1808	3360	$\frac{1}{112}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{111}{224}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}^{2}\ \Phi_{160}\ \Phi_{96}\ \Phi_{32}^{2}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
140988	1808	2016	$\frac{1}{112}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{111}{224}$	$\Phi_{2016}^{2}\ \Phi_{672}\ \Phi_{288}^{2}\ \Phi_{224}^{2}\ \Phi_{96}\ \Phi_{32}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
140989	1808	1120	$\frac{1}{112}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{111}{224}$	$\Phi_{1120}^{3}\ \Phi_{224}^{4}\ \Phi_{160}^{3}\ \Phi_{32}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
140990	1808	3774	$\frac{2}{111}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{109}{222}$	$\Phi_{3774}\ \Phi_{1258}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
140991	1808	221	$\frac{5}{221}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{108}{221}$	$\Phi_{221}^{8}\ \Phi_{17}^{8}\ \Phi_{13}^{11}\ \Phi_{1}^{12}$
140992	1808	2584	$\frac{1}{38}$	$\frac{1}{17}$	$\frac{39}{152}$	$\frac{37}{76}$	$\Phi_{2584}\ \Phi_{646}\ \Phi_{323}\ \Phi_{136}\ \Phi_{34}$
140993	1808	1755	$\frac{53}{1755}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{851}{1755}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}\ \Phi_{117}\ \Phi_{65}^{2}\ \Phi_{45}\ \Phi_{39}\ \Phi_{27}\ \Phi_{15}\ \Phi_{13}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
140994	1808	273	$\frac{3}{91}$	$\frac{1}{13}$	$\frac{47}{273}$	$\frac{44}{91}$	$\Phi_{273}^{8}\ \Phi_{91}^{4}\ \Phi_{39}^{8}\ \Phi_{21}^{8}\ \Phi_{13}^{3}\ \Phi_{7}^{4}\ \Phi_{3}^{8}\ \Phi_{1}^{4}$
140995	1808	139	$\frac{5}{139}$	$\frac{9}{139}$	$\frac{26}{139}$	$\frac{67}{139}$	$\Phi_{139}^{13}\ \Phi_{1}^{14}$
140996	1808	1729	$\frac{79}{1729}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{825}{1729}$	$\Phi_{1729}\ \Phi_{247}\ \Phi_{133}\ \Phi_{91}^{2}\ \Phi_{19}\ \Phi_{13}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
140997	1808	130	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{17}{130}$	$\frac{31}{65}$	$\Phi_{130}^{16}\ \Phi_{65}^{12}\ \Phi_{26}^{16}\ \Phi_{13}^{11}\ \Phi_{10}^{16}\ \Phi_{5}^{12}\ \Phi_{2}^{16}\ \Phi_{1}^{12}$
140998	1808	3672	$\frac{5}{108}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{103}{216}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{136}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
140999	1808	840	$\frac{1}{56}$	$\frac{1}{15}$	$\frac{55}{168}$	$\frac{7}{15}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^3\ \Phi_{140}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^3\ \Phi_{70}^2\ \Phi_{60}^2$ $\Phi_{56}^2\ \Phi_{42}^3\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^2$ $\Phi_8^2\ \Phi_7^2\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
141000	1808	1740	$\frac{3}{116}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}\ \Phi_{290}\ \Phi_{174}\ \Phi_{145}\ \Phi_{116}^2\ \Phi_{87}$ $\Phi_{58}^2\ \Phi_{29}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
141001	1808	420	$\frac{1}{28}$	$\frac{1}{15}$	$\frac{27}{140}$	$\frac{7}{15}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^5\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^5\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^5\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^4$ $\Phi_{20}^5\ \Phi_{15}^5\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_7^4\ \Phi_6^4\ \Phi_5^6\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^6$
141002	1808	1785	$\frac{6}{119}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}^2\ \Phi_{85}\ \Phi_{51}\ \Phi_{17}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
141003	1808	120	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{15}$	$\Phi_{120}^{15}\ \Phi_{60}^{15}\ \Phi_{40}^{15}\ \Phi_{30}^{15}\ \Phi_{24}^{15}\ \Phi_{20}^{15}\ \Phi_{15}^{16}\ \Phi_{12}^{15}\ \Phi_{10}^{15}\ \Phi_8^{14}\ \Phi_6^{15}\ \Phi_5^{16}$ $\Phi_4^{14}\ \Phi_3^{16}\ \Phi_2^{14}\ \Phi_1^{16}$
141004	1808	1920	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{15}{128}$	$\frac{7}{15}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}^2\ \Phi_{96}$ $\Phi_{64}^2\ \Phi_{32}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
141005	1808	630	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{7}{15}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^2\ \Phi_{126}^4\ \Phi_{105}^2\ \Phi_{90}^3\ \Phi_{70}^2\ \Phi_{63}^4\ \Phi_{45}^3\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{30}^2$ $\Phi_{21}^3\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_6^3\ \Phi_5^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
141006	1808	845	$\frac{59}{845}$	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{393}{845}$	$\Phi_{845}^2\ \Phi_{169}^2\ \Phi_{65}^4\ \Phi_{13}^3\ \Phi_5^4\ \Phi_1^4$
141007	1808	299	$\frac{7}{299}$	$\frac{1}{13}$	$\frac{73}{299}$	$\frac{6}{13}$	$\Phi_{299}^6\ \Phi_{23}^6\ \Phi_{13}^7\ \Phi_1^8$
141008	1808	117	$\frac{4}{117}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{117}^{16}\ \Phi_{39}^{14}\ \Phi_{13}^{15}\ \Phi_9^{16}\ \Phi_3^{14}\ \Phi_1^{16}$
141009	1808	417	$\frac{3}{139}$	$\frac{35}{417}$	$\frac{34}{139}$	$\frac{191}{417}$	$\Phi_{417}^4\ \Phi_{139}^5\ \Phi_3^4\ \Phi_1^6$
141010	1808	819	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{85}{819}$	$\frac{367}{819}$	$\Phi_{819}^2\ \Phi_{273}^2\ \Phi_{117}^2\ \Phi_{91}^4\ \Phi_{63}^2\ \Phi_{39}^2\ \Phi_{21}^2\ \Phi_{13}^3\ \Phi_9^2\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
141011	1808	139	$\frac{3}{139}$	$\frac{17}{139}$	$\frac{26}{139}$	$\frac{61}{139}$	$\Phi_{139}^{13}\ \Phi_1^{14}$
141012	1808	798	$\frac{1}{114}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{114}^4\ \Phi_{57}^4\ \Phi_{42}^2\ \Phi_{38}^4\ \Phi_{21}\ \Phi_{19}^4\ \Phi_{14}^2\ \Phi_7^2$ $\Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
141013	1808	1050	$\frac{1}{75}$	$\frac{1}{7}$	$\frac{37}{150}$	$\frac{3}{7}$	$\Phi_{1050}^2\ \Phi_{525}\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}\ \Phi_{150}^4\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{70}^2\ \Phi_{50}^4\ \Phi_{42}^2$ $\Phi_{35}\ \Phi_{30}^4\ \Phi_{25}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^4\ \Phi_7^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
141014	1808	805	$\frac{2}{115}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{805}^2\ \Phi_{161}^2\ \Phi_{115}^4\ \Phi_{35}\ \Phi_{23}^4\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
141015	1808	945	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{22}{135}$	$\frac{3}{7}$	$\Phi_{945}^2\ \Phi_{315}\ \Phi_{189}^2\ \Phi_{135}^4\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{27}^4\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9^2$ $\Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
141016	1808	819	$\frac{4}{117}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{819}^2\ \Phi_{273}^2\ \Phi_{117}^4\ \Phi_{91}^2\ \Phi_{63}\ \Phi_{39}^4\ \Phi_{21}\ \Phi_{13}^4\ \Phi_9^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
141017	1808	875	$\frac{1}{25}$	$\frac{12}{125}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{875}^2\ \Phi_{175}\ \Phi_{125}^4\ \Phi_{35}\ \Phi_{25}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
141018	1808	840	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^4\ \Phi_{120}^4\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^4$ $\Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^4\ \Phi_{35}\ \Phi_{30}^4\ \Phi_{28}^2\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_{10}^4$ $\Phi_8^4\ \Phi_7^2\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
141019	1808	195	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{31}{195}$	$\frac{82}{195}$	$\Phi_{195}^8\ \Phi_{65}^{12}\ \Phi_{39}^8\ \Phi_{15}^8\ \Phi_{13}^{11}\ \Phi_5^{12}\ \Phi_3^8\ \Phi_1^{12}$
141020	1808	2040	$\frac{7}{120}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{136}\ \Phi_{102}$ $\Phi_{85}\ \Phi_{51}\ \Phi_{34}$
141021	1808	1938	$\frac{1}{114}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1938}\ \Phi_{969}\ \Phi_{646}\ \Phi_{323}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
141022	1808	3230	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{18}{95}$	$\frac{77}{190}$	$\Phi_{3230}\ \Phi_{646}\ \Phi_{323}\ \Phi_{170}\ \Phi_{34}$
141023	1808	1365	$\frac{3}{455}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1365}^2\ \Phi_{273}^2\ \Phi_{195}^2\ \Phi_{105}^2\ \Phi_{39}^2\ \Phi_{21}^2\ \Phi_{15}$
141024	1808	117	$\frac{4}{117}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{117}^{16}\ \Phi_{39}^{16}\ \Phi_{13}^{11}\ \Phi_9^{16}\ \Phi_3^{16}\ \Phi_1^{12}$
141025	1808	182	$\frac{3}{91}$	$\frac{1}{13}$	$\frac{22}{91}$	$\frac{69}{182}$	$\Phi_{182}^{16}\ \Phi_{91}^4\ \Phi_{26}^{16}\ \Phi_{14}^{16}\ \Phi_{13}^3\ \Phi_7^4\ \Phi_2^{16}\ \Phi_1^4$
141026	1808	1807	$\frac{11}{1807}$	$\frac{449}{1807}$	$\frac{564}{1807}$	$\frac{679}{1807}$	$\Phi_{1807}\ \Phi_{139}\ \Phi_{13}\ \Phi_1^2$
141027	1808	543	$\frac{1}{181}$	$\frac{45}{181}$	$\frac{1}{3}$	$\frac{68}{181}$	$\Phi_{543}^5\ \Phi_3^4$
141028	1808	1365	$\frac{12}{455}$	$\frac{1}{13}$	$\frac{443}{1365}$	$\frac{461}{1365}$	$\Phi_{1365}\ \Phi_{455}^2\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}^2\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}$ $\Phi_{13}\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
141029	1808	681	$\frac{1}{227}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{681}^3\ \Phi_{227}^2$
141030	1808	1353	$\frac{3}{451}$	$\frac{112}{451}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1353}\ \Phi_{451}^2\ \Phi_{123}\ \Phi_{41}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
141031	1808	570	$\frac{1}{114}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{570}^{4}\ \Phi_{285}^{4}\ \Phi_{190}^{4}\ \Phi_{95}^{4}\ \Phi_{30}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{2}$
141032	1808	231	$\frac{5}{231}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}^{8}\ \Phi_{77}^{8}\ \Phi_{33}^{7}\ \Phi_{21}^{8}\ \Phi_{11}^{6}\ \Phi_{7}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
141033	1808	123	$\frac{1}{41}$	$\frac{10}{123}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{123}^{15}\ \Phi_{41}^{14}\ \Phi_{3}^{16}\ \Phi_{1}^{16}$
141034	1808	675	$\frac{2}{225}$	$\frac{1}{5}$	$\frac{223}{675}$	$\frac{1}{3}$	$\Phi_{675}^{4}\ \Phi_{135}^{4}\ \Phi_{27}^{4}\ \Phi_{15}$
141035	1808	504	$\frac{1}{56}$	$\frac{1}{9}$	$\frac{55}{168}$	$\frac{1}{3}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{168}^{3}\ \Phi_{126}^{4}\ \Phi_{84}^{3}\ \Phi_{72}^{4}\ \Phi_{63}^{4}\ \Phi_{56}^{2}\ \Phi_{42}^{3}\ \Phi_{36}^{4}\ \Phi_{28}^{2}\ \Phi_{24}^{3}$ $\Phi_{21}^{3}\ \Phi_{18}^{4}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{6}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
141036	1808	915	$\frac{11}{915}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{915}^{2}\ \Phi_{305}^{2}\ \Phi_{183}^{2}\ \Phi_{61}^{2}\ \Phi_{15}$
141037	1808	1044	$\frac{3}{116}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1044}^{2}\ \Phi_{522}^{2}\ \Phi_{348}\ \Phi_{261}^{2}\ \Phi_{174}\ \Phi_{116}^{2}\ \Phi_{87}\ \Phi_{58}^{2}\ \Phi_{29}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
141038	1808	150	$\frac{1}{75}$	$\frac{1}{5}$	$\frac{37}{150}$	$\frac{1}{3}$	$\Phi_{150}^{16}\ \Phi_{75}^{8}\ \Phi_{50}^{16}\ \Phi_{30}^{16}\ \Phi_{25}^{8}\ \Phi_{15}^{9}\ \Phi_{10}^{16}\ \Phi_{6}^{16}\ \Phi_{5}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{16}\ \Phi_{1}^{8}$
141039	1808	2295	$\frac{7}{459}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2295}\ \Phi_{765}\ \Phi_{255}\ \Phi_{135}\ \Phi_{85}\ \Phi_{15}$
141040	1808	345	$\frac{2}{115}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{345}^{8}\ \Phi_{69}^{8}\ \Phi_{15}^{5}\ \Phi_{3}^{4}$
141041	1808	1125	$\frac{4}{225}$	$\frac{221}{1125}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1125}^{2}\ \Phi_{375}^{2}\ \Phi_{125}^{2}\ \Phi_{15}$
141042	1808	135	$\frac{1}{45}$	$\frac{22}{135}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{135}^{16}\ \Phi_{45}^{8}\ \Phi_{27}^{16}\ \Phi_{15}^{9}\ \Phi_{9}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
141043	1808	2775	$\frac{21}{925}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2775}\ \Phi_{555}\ \Phi_{111}\ \Phi_{15}$
141044	1808	525	$\frac{2}{75}$	$\frac{73}{525}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{525}^{4}\ \Phi_{175}^{4}\ \Phi_{105}^{4}\ \Phi_{35}^{4}\ \Phi_{21}^{4}\ \Phi_{15}\ \Phi_{7}^{4}$
141045	1808	465	$\frac{13}{465}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{465}^{4}\ \Phi_{155}^{4}\ \Phi_{93}^{4}\ \Phi_{31}^{4}\ \Phi_{15}$
141046	1808	585	$\frac{4}{117}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{585}^{4}\ \Phi_{195}^{4}\ \Phi_{65}^{4}\ \Phi_{45}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
141047	1808	375	$\frac{1}{25}$	$\frac{12}{125}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{375}^{8}\ \Phi_{75}^{4}\ \Phi_{15}^{5}\ \Phi_{3}^{4}$
141048	1808	945	$\frac{41}{945}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{135}^{2}\ \Phi_{105}^{2}\ \Phi_{63}^{2}\ \Phi_{35}^{2}\ \Phi_{27}^{2}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{7}^{2}$
141049	1808	495	$\frac{2}{45}$	$\frac{43}{495}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{495}^{4}\ \Phi_{165}^{4}\ \Phi_{99}^{4}\ \Phi_{55}^{4}\ \Phi_{33}^{4}\ \Phi_{15}\ \Phi_{11}^{4}$
141050	1808	1425	$\frac{23}{475}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1425}^{2}\ \Phi_{285}^{2}\ \Phi_{57}^{2}\ \Phi_{15}$
141051	1808	975	$\frac{4}{75}$	$\frac{71}{975}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{975}^{2}\ \Phi_{325}^{2}\ \Phi_{195}^{2}\ \Phi_{65}^{2}\ \Phi_{39}^{2}\ \Phi_{15}\ \Phi_{13}^{2}$
141052	1808	120	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{120}^{16}\ \Phi_{60}^{16}\ \Phi_{40}^{16}\ \Phi_{30}^{16}\ \Phi_{24}^{16}\ \Phi_{20}^{16}\ \Phi_{15}^{9}\ \Phi_{12}^{16}\ \Phi_{10}^{16}\ \Phi_{8}^{16}\ \Phi_{6}^{16}\ \Phi_{5}^{8}\ \Phi_{4}^{16}$ $\Phi_{3}^{8}\ \Phi_{2}^{16}\ \Phi_{1}^{8}$
141053	1808	1260	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{27}{140}$	$\frac{1}{3}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{420}\ \Phi_{315}^{2}\ \Phi_{210}\ \Phi_{180}^{2}\ \Phi_{140}^{2}\ \Phi_{105}\ \Phi_{90}^{2}\ \Phi_{70}^{2}\ \Phi_{60}$ $\Phi_{45}^{2}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
141054	1808	1071	$\frac{6}{119}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1071}^{2}\ \Phi_{357}\ \Phi_{153}^{2}\ \Phi_{119}^{2}\ \Phi_{51}\ \Phi_{17}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
141055	1808	360	$\frac{7}{120}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{4}\ \Phi_{90}^{6}\ \Phi_{72}^{4}\ \Phi_{60}^{4}\ \Phi_{45}^{6}\ \Phi_{40}^{4}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{3}\ \Phi_{20}^{4}$ $\Phi_{18}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{9}^{6}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{4}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
141056	1808	1152	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{15}{128}$	$\frac{1}{3}$	$\Phi_{1152}^{2}\ \Phi_{576}^{2}\ \Phi_{384}\ \Phi_{288}^{2}\ \Phi_{192}\ \Phi_{128}^{2}\ \Phi_{96}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
141057	1808	126	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{126}^{14}\ \Phi_{63}^{14}\ \Phi_{42}^{15}\ \Phi_{21}^{15}\ \Phi_{18}^{14}\ \Phi_{14}^{14}\ \Phi_{9}^{16}\ \Phi_{7}^{14}\ \Phi_{6}^{15}\ \Phi_{3}^{16}\ \Phi_{2}^{14}\ \Phi_{1}^{16}$
141058	1808	840	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{55}{168}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{168}^{4}\ \Phi_{120}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{4}\ \Phi_{60}^{3}\ \Phi_{42}^{4}\ \Phi_{30}^{3}\ \Phi_{24}^{4}$ $\Phi_{21}^{4}\ \Phi_{15}^{3}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
141059	1808	663	$\frac{10}{221}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{211}{663}$	$\Phi_{663}^{4}\ \Phi_{51}^{4}\ \Phi_{39}^{4}\ \Phi_{13}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
141060	1808	585	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{133}{585}$	$\frac{62}{195}$	$\Phi_{585}^{4}\ \Phi_{117}^{4}\ \Phi_{65}^{4}\ \Phi_{45}^{4}\ \Phi_{13}^{3}\ \Phi_{9}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
141061	1808	273	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{47}{273}$	$\frac{85}{273}$	$\Phi_{273}^{6}\ \Phi_{91}^{8}\ \Phi_{39}^{6}\ \Phi_{21}^{6}\ \Phi_{13}^{7}\ \Phi_{7}^{8}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
141062	1808	2754	$\frac{1}{17}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{162}$	$\Phi_{2754}\ \Phi_{1377}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
141063	1808	2142	$\frac{1}{17}$	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{119}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
141064	1808	975	$\frac{71}{975}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{195}$	$\Phi_{975}^{2}\ \Phi_{325}^{2}\ \Phi_{195}\ \Phi_{75}^{2}\ \Phi_{65}^{2}\ \Phi_{39}\ \Phi_{25}^{2}\ \Phi_{15}\ \Phi_{13}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
141065	1808	139	$\frac{3}{139}$	$\frac{26}{139}$	$\frac{34}{139}$	$\frac{35}{139}$	$\Phi_{139}^{13}\ \Phi_{1}^{14}$
141066	1808	755	$\frac{3}{151}$	$\frac{1}{5}$	$\frac{37}{151}$	$\frac{38}{151}$	$\Phi_{755}^{3}\ \Phi_{5}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
141067	1808	580	$\frac{3}{116}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{580}^{3}\ \Phi_{290}^{3}\ \Phi_{145}^{3}\ \Phi_{116}^{4}\ \Phi_{58}^{4}\ \Phi_{29}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
141068	1808	585	$\frac{1}{13}$	$\frac{53}{585}$	$\frac{12}{65}$	$\frac{133}{585}$	$\Phi_{585}^{3}\ \Phi_{195}^{3}\ \Phi_{117}^{3}\ \Phi_{65}^{4}\ \Phi_{45}^{3}\ \Phi_{39}^{3}\ \Phi_{15}^{3}\ \Phi_{13}^{3}\ \Phi_{9}^{3}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
141069	1808	2448	$\frac{1}{17}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{144}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{136}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
141070	1808	140	$\frac{1}{28}$	$\frac{27}{140}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{140}^{13}\ \Phi_{70}^{13}\ \Phi_{35}^{13}\ \Phi_{28}^{12}\ \Phi_{20}^{13}\ \Phi_{14}^{12}\ \Phi_{10}^{13}\ \Phi_{7}^{12}\ \Phi_{5}^{16}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{16}$
141071	1808	595	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{595}^{3}\ \Phi_{119}^{4}\ \Phi_{85}^{3}\ \Phi_{17}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
141072	1808	120	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{120}^{16}\ \Phi_{60}^{16}\ \Phi_{40}^{13}\ \Phi_{30}^{16}\ \Phi_{24}^{16}\ \Phi_{20}^{13}\ \Phi_{15}^{16}\ \Phi_{12}^{16}\ \Phi_{10}^{13}\ \Phi_{8}^{12}\ \Phi_{6}^{16}\ \Phi_{5}^{16}\ \Phi_{4}^{12}\ \Phi_{3}^{16}\ \Phi_{2}^{12}\ \Phi_{1}^{16}$
141073	1808	640	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{128}^{4}\ \Phi_{64}^{4}\ \Phi_{32}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
141074	1808	630	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}^{3}\ \Phi_{126}^{4}\ \Phi_{105}^{3}\ \Phi_{90}^{3}\ \Phi_{63}^{4}\ \Phi_{45}^{3}\ \Phi_{42}^{4}\ \Phi_{30}^{3}\ \Phi_{21}^{4}\ \Phi_{18}^{4}\ \Phi_{15}^{3}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
141075	1809	2416	$\frac{3}{604}$	$\frac{1}{4}$	$\frac{607}{2416}$	$\frac{601}{1208}$	$\Phi_{2416}\ \Phi_{604}\ \Phi_{302}\ \Phi_{151}\ \Phi_{16}\ \Phi_{1}$
141076	1809	400	$\frac{1}{200}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{199}{400}$	$\Phi_{400}\ \Phi_{200}^{8}\ \Phi_{100}^{8}\ \Phi_{80}\ \Phi_{50}^{8}\ \Phi_{40}^{8}\ \Phi_{25}^{8}\ \Phi_{20}^{8}\ \Phi_{16}^{2}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
141077	1809	400	$\frac{1}{200}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{199}{400}$	$\Phi_{400}^{9}\ \Phi_{80}^{9}\ \Phi_{16}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141078	1809	3584	$\frac{17}{1792}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{1775}{3584}$	$\Phi_{3584}\ \Phi_{512}\ \Phi_{32}\ \Phi_{1}$
141079	1809	1716	$\frac{1}{66}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{65}{132}$	$\Phi_{858}^{2}\ \Phi_{429}^{2}\ \Phi_{286}^{2}\ \Phi_{143}^{2}\ \Phi_{132}\ \Phi_{78}^{2}\ \Phi_{66}^{2}\ \Phi_{52}\ \Phi_{44}\ \Phi_{39}^{2}\ \Phi_{33}^{2}\ \Phi_{26}^{2}\ \Phi_{22}^{2}\ \Phi_{13}^{2}\ \Phi_{12}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141080	1809	1716	$\frac{1}{66}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{65}{132}$	$\Phi_{1716}^{2}\ \Phi_{572}^{2}\ \Phi_{156}^{2}\ \Phi_{132}^{3}\ \Phi_{52}^{2}\ \Phi_{44}^{3}\ \Phi_{13}^{2}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
141081	1809	660	$\frac{1}{66}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{65}{132}$	$\Phi_{660}^{2}\ \Phi_{330}^{4}\ \Phi_{220}^{2}\ \Phi_{165}^{4}\ \Phi_{132}\ \Phi_{110}^{4}\ \Phi_{66}^{2}\ \Phi_{60}^{2}\ \Phi_{55}^{4}\ \Phi_{44}\ \Phi_{33}^{2}\ \Phi_{30}^{4}\ \Phi_{22}^{2}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{12}\ \Phi_{11}^{2}\ \Phi_{10}^{5}\ \Phi_{6}^{2}\ \Phi_{5}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141082	1809	1184	$\frac{11}{592}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{581}{1184}$	$\Phi_{1184}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141083	1809	2432	$\frac{15}{608}$	$\frac{1}{16}$	$\frac{623}{2432}$	$\frac{593}{1216}$	$\Phi_{2432}\ \Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{128}\ \Phi_{76}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{1}$
141084	1809	3588	$\frac{2}{69}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{3588}\ \Phi_{1196}\ \Phi_{276}\ \Phi_{92}\ \Phi_{69}\ \Phi_{52}\ \Phi_{23}\ \Phi_{4}\ \Phi_{1}$
141085	1809	5148	$\frac{1}{33}$	$\frac{1}{26}$	$\frac{32}{99}$	$\frac{25}{52}$	$\Phi_{5148}\ \Phi_{468}\ \Phi_{396}\ \Phi_{99}\ \Phi_{52}\ \Phi_{36}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
141086	1809	1144	$\frac{1}{26}$	$\frac{1}{22}$	$\frac{21}{88}$	$\frac{25}{52}$	$\Phi_{1144}^{2}\ \Phi_{286}^{2}\ \Phi_{143}^{2}\ \Phi_{104}^{2}\ \Phi_{88}^{3}\ \Phi_{52}\ \Phi_{44}\ \Phi_{26}^{2}\ \Phi_{22}^{2}\ \Phi_{13}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141087	1809	936	$\frac{1}{26}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{25}{52}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{312}^{2}\ \Phi_{234}^{2}\ \Phi_{117}^{2}\ \Phi_{104}^{2}\ \Phi_{78}^{2}\ \Phi_{72}^{3}\ \Phi_{52}\ \Phi_{39}^{2}\ \Phi_{36}^{3}\ \Phi_{26}^{2}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{13}^{2}\ \Phi_{12}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141088	1809	4004	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{25}{52}$	$\Phi_{4004}\ \Phi_{364}\ \Phi_{308}\ \Phi_{77}\ \Phi_{52}\ \Phi_{28}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
141089	1809	896	$\frac{1}{28}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{896}^{4}\ \Phi_{128}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141090	1809	128	$\frac{3}{64}$	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{61}{128}$	$\Phi_{128}^{27}\ \Phi_{32}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141091	1809	896	$\frac{17}{896}$	$\frac{1}{16}$	$\frac{293}{896}$	$\frac{15}{32}$	$\Phi_{896}^{2}\ \Phi_{448}^{2}\ \Phi_{224}^{2}\ \Phi_{128}^{2}\ \Phi_{112}^{2}\ \Phi_{64}^{2}\ \Phi_{56}^{2}\ \Phi_{32}^{3}\ \Phi_{28}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141092	1809	1856	$\frac{47}{1856}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{32}\ \Phi_{29}\ \Phi_{1}$
141093	1809	2240	$\frac{17}{448}$	$\frac{1}{16}$	$\frac{431}{2240}$	$\frac{15}{32}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{320}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
141094	1809	640	$\frac{37}{640}$	$\frac{1}{16}$	$\frac{17}{128}$	$\frac{15}{32}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{128}^{2}\ \Phi_{80}^{3}\ \Phi_{64}^{2}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141095	1809	2048	$\frac{1}{16}$	$\frac{17}{256}$	$\frac{239}{2048}$	$\frac{15}{32}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{512}\ \Phi_{32}\ \Phi_{1}$
141096	1809	224	$\frac{1}{16}$	$\frac{17}{224}$	$\frac{23}{224}$	$\frac{15}{32}$	$\Phi_{224}^{8}\ \Phi_{112}^{8}\ \Phi_{56}^{8}\ \Phi_{32}^{9}\ \Phi_{28}^{8}\ \Phi_{16}^{8}\ \Phi_{14}^{8}\ \Phi_{8}^{8}\ \Phi_{7}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
141097	1809	400	$\frac{1}{100}$	$\frac{1}{8}$	$\frac{33}{100}$	$\frac{7}{16}$	$\Phi_{400}^{8}\ \Phi_{100}^{2}\ \Phi_{80}^{8}\ \Phi_{50}^{2}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{9}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141098	1809	272	$\frac{1}{68}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{272}^{12}\ \Phi_{68}^{3}\ \Phi_{34}^{3}\ \Phi_{17}^{3}\ \Phi_{16}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141099	1809	3280	$\frac{4}{205}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{3280}\ \Phi_{656}\ \Phi_{205}\ \Phi_{41}\ \Phi_{16}\ \Phi_{1}$
141100	1809	2000	$\frac{1}{50}$	$\frac{1}{8}$	$\frac{49}{250}$	$\frac{7}{16}$	$\Phi_{2000}^{2}\ \Phi_{250}\ \Phi_{125}\ \Phi_{16}\ \Phi_{1}$
141101	1809	80	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{13}{80}$	$\frac{7}{16}$	$\Phi_{80}^{19}\ \Phi_{40}^{26}\ \Phi_{20}^{26}\ \Phi_{16}^{20}\ \Phi_{10}^{26}\ \Phi_{8}^{26}\ \Phi_{5}^{26}\ \Phi_{4}^{26}\ \Phi_{2}^{26}\ \Phi_{1}^{27}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
141102	1809	208	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{208}^{9}\ \Phi_{104}^{9}\ \Phi_{52}^{9}\ \Phi_{26}^{9}\ \Phi_{16}^{2}\ \Phi_{13}^{9}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
141103	1809	1200	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1200}^{3}\ \Phi_{400}^{2}\ \Phi_{240}^{3}\ \Phi_{80}^{2}\ \Phi_{75}^{3}\ \Phi_{48}^{3}\ \Phi_{25}^{2}\ \Phi_{16}^{3}\ \Phi_{15}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
141104	1809	560	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{560}^{6}\ \Phi_{112}^{6}\ \Phi_{80}^{4}\ \Phi_{70}^{3}\ \Phi_{35}^{3}\ \Phi_{16}^{5}\ \Phi_{14}^{3}\ \Phi_{10}^{2}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141105	1809	880	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{880}^{4}\ \Phi_{220}\ \Phi_{176}^{4}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
141106	1809	640	$\frac{37}{640}$	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{27}{64}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{128}^{3}\ \Phi_{80}^{3}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141107	1809	3040	$\frac{15}{304}$	$\frac{1}{16}$	$\frac{289}{1520}$	$\frac{1231}{3040}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{304}\ \Phi_{160}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{1}$
141108	1809	608	$\frac{5}{608}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{608}^{3}\ \Phi_{304}^{3}\ \Phi_{152}^{3}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{32}^{3}\ \Phi_{19}^{3}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141109	1809	544	$\frac{1}{68}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{544}^{4}\ \Phi_{272}^{4}\ \Phi_{68}^{3}\ \Phi_{34}^{3}\ \Phi_{32}^{3}\ \Phi_{17}^{3}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141110	1809	504	$\frac{1}{28}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{168}^{4}\ \Phi_{126}^{4}\ \Phi_{84}^{4}\ \Phi_{72}^{3}\ \Phi_{63}^{4}\ \Phi_{42}^{4}\ \Phi_{36}^{3}\ \Phi_{28}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{4}\ \Phi_{18}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141111	1809	476	$\frac{1}{68}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{476}^{4}\ \Phi_{238}^{4}\ \Phi_{119}^{4}\ \Phi_{68}^{3}\ \Phi_{34}^{3}\ \Phi_{28}^{4}\ \Phi_{17}^{3}\ \Phi_{14}\ \Phi_{7}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
141112	1809	1428	$\frac{1}{28}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}^{2}\ \Phi_{357}\ \Phi_{238}^{2}\ \Phi_{204}\ \Phi_{119}^{2}\ \Phi_{84}\ \Phi_{68}^{2}\ \Phi_{51}\ \Phi_{42}\ \Phi_{34}\ \Phi_{28}\ \Phi_{21}\ \Phi_{17}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
141113	1809	604	$\frac{1}{151}$	$\frac{1}{4}$	$\frac{50}{151}$	$\frac{101}{302}$	$\Phi_{604}^{4}\ \Phi_{302}\ \Phi_{151}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
141114	1809	904	$\frac{1}{226}$	$\frac{75}{226}$	$\frac{301}{904}$	$\frac{151}{452}$	$\Phi_{904}^{3}\ \Phi_{226}^{2}\ \Phi_{113}^{2}\ \Phi_{8}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141115	1809	897	$\frac{2}{69}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{897}^{2}\ \Phi_{299}^{2}\ \Phi_{69}^{3}\ \Phi_{23}^{3}\ \Phi_{13}^{2}\ \Phi_{1}^{3}$
141116	1809	1380	$\frac{2}{69}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1380}^{2}\ \Phi_{690}\ \Phi_{460}^{2}\ \Phi_{345}\ \Phi_{276}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}\ \Phi_{69}\ \Phi_{23}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
141117	1809	100	$\frac{1}{100}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{33}{100}$	$\Phi_{100}^{18}\ \Phi_{50}^{18}\ \Phi_{25}^{18}\ \Phi_{20}^{18}\ \Phi_{10}^{18}\ \Phi_{5}^{18}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
141118	1809	452	$\frac{5}{452}$	$\frac{101}{452}$	$\frac{117}{452}$	$\frac{149}{452}$	$\Phi_{452}^{4}\ \Phi_{226}^{4}\ \Phi_{113}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
141119	1809	604	$\frac{7}{604}$	$\frac{135}{604}$	$\frac{1}{4}$	$\frac{199}{604}$	$\Phi_{604}^{3}\ \Phi_{302}^{3}\ \Phi_{151}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141120	1809	565	$\frac{2}{113}$	$\frac{76}{565}$	$\frac{163}{565}$	$\frac{37}{113}$	$\Phi_{565}^{3}\ \Phi_{113}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{5}$
141121	1809	1287	$\frac{1}{33}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{32}{99}$	$\Phi_{1287}^{2}\ \Phi_{117}^{2}\ \Phi_{99}^{3}\ \Phi_{13}^{2}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
141122	1809	1980	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{32}{99}$	$\Phi_{1980}^{2}\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}\ \Phi_{180}^{2}\ \Phi_{99}\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
141123	1809	226	$\frac{7}{226}$	$\frac{25}{226}$	$\frac{51}{226}$	$\frac{73}{226}$	$\Phi_{226}^{8}\ \Phi_{113}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
141124	1809	1144	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{21}{88}$	$\frac{4}{13}$	$\Phi_{1144}^{2}\ \Phi_{572}^{2}\ \Phi_{104}^{2}\ \Phi_{88}^{3}\ \Phi_{52}^{2}\ \Phi_{44}^{3}\ \Phi_{13}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
141125	1809	936	$\frac{5}{72}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{4}{13}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{312}^{2}\ \Phi_{234}^{2}\ \Phi_{156}^{2}\ \Phi_{117}^{2}\ \Phi_{104}^{2}\ \Phi_{72}^{3}\ \Phi_{52}^{2}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{13}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
141126	1809	1001	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{4}{13}$	$\Phi_{1001}^{2}\ \Phi_{91}^{2}\ \Phi_{77}^{3}\ \Phi_{13}^{2}\ \Phi_{7}^{3}\ \Phi_{1}^{3}$
141127	1809	672	$\frac{1}{28}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{672}^{4}\ \Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{96}^{3}\ \Phi_{84}^{4}\ \Phi_{48}^{3}\ \Phi_{42}^{4}\ \Phi_{28}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{4}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{3}\ \Phi_{1}^{3}$
141128	1809	96	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{5}{32}$	$\frac{29}{96}$	$\Phi_{96}^{27}\ \Phi_{48}^{27}\ \Phi_{32}^{3}\ \Phi_{24}^{27}\ \Phi_{16}^{2}\ \Phi_{12}^{27}\ \Phi_{8}^{2}\ \Phi_{6}^{27}\ \Phi_{4}^{2}\ \Phi_{3}^{27}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141129	1809	224	$\frac{1}{16}$	$\frac{23}{224}$	$\frac{5}{32}$	$\frac{9}{32}$	$\Phi_{224}^{9}\ \Phi_{112}^{9}\ \Phi_{56}^{9}\ \Phi_{32}^{3}\ \Phi_{28}^{9}\ \Phi_{16}^{2}\ \Phi_{14}^{9}\ \Phi_{8}^{2}\ \Phi_{7}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141130	1809	68	$\frac{1}{68}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{68}^{27}\ \Phi_{34}^{27}\ \Phi_{17}^{27}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
141131	1809	800	$\frac{3}{200}$	$\frac{197}{800}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{800}^{3}\ \Phi_{400}^{3}\ \Phi_{160}^{3}\ \Phi_{80}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141132	1809	820	$\frac{4}{205}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{820}^{2}\ \Phi_{410}^{2}\ \Phi_{205}^{3}\ \Phi_{164}^{2}\ \Phi_{82}^{2}\ \Phi_{41}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141133	1809	500	$\frac{1}{50}$	$\frac{49}{250}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{500}^{4}\ \Phi_{250}^{5}\ \Phi_{125}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141134	1809	80	$\frac{1}{40}$	$\frac{13}{80}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{80}^{27}\ \Phi_{40}^{18}\ \Phi_{20}^{18}\ \Phi_{16}^{27}\ \Phi_{10}^{18}\ \Phi_{8}^{18}\ \Phi_{5}^{18}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
141135	1809	620	$\frac{17}{620}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{620}^{3}\ \Phi_{310}^{3}\ \Phi_{155}^{3}\ \Phi_{124}^{3}\ \Phi_{62}^{3}\ \Phi_{31}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141136	1809	700	$\frac{3}{100}$	$\frac{97}{700}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{700}^{3}\ \Phi_{350}^{3}\ \Phi_{175}^{3}\ \Phi_{140}^{3}\ \Phi_{70}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141137	1809	208	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{208}^{9}\ \Phi_{104}^{9}\ \Phi_{52}^{9}\ \Phi_{26}^{9}\ \Phi_{16}^{9}\ \Phi_{13}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
141138	1809	300	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^4\ \Phi_{75}^9\ \Phi_{60}^6\ \Phi_{50}^4\ \Phi_{30}^6\ \Phi_{25}^6\ \Phi_{20}^4\ \Phi_{15}^9\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_6^6\ \Phi_5^6\ \Phi_4^6\ \Phi_3^9\ \Phi_2^6\ \Phi_1^9$
141139	1809	140	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^{12}\ \Phi_{70}^{15}\ \Phi_{35}^{15}\ \Phi_{28}^{12}\ \Phi_{20}^8\ \Phi_{14}^{15}\ \Phi_{10}^{10}\ \Phi_7^{15}\ \Phi_5^{10}\ \Phi_4^{10}\ \Phi_2^{12}\ \Phi_1^{13}$
141140	1809	220	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{220}^9\ \Phi_{110}^9\ \Phi_{55}^9\ \Phi_{44}^9\ \Phi_{22}^9\ \Phi_{11}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
141141	1809	640	$\frac{37}{640}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{128}^3\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
141142	1809	440	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{21}{88}$	$\frac{1}{4}$	$\Phi_{440}^6\ \Phi_{220}^2\ \Phi_{110}^4\ \Phi_{88}^3\ \Phi_{55}^4\ \Phi_{44}\ \Phi_{40}^6\ \Phi_{22}^2\ \Phi_{20}^4\ \Phi_{11}^2\ \Phi_{10}^5\ \Phi_8^3\ \Phi_5^5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
141143	1809	560	$\frac{1}{28}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{560}^4\ \Phi_{280}^4\ \Phi_{140}^4\ \Phi_{80}^3\ \Phi_{70}^4\ \Phi_{40}^3\ \Phi_{35}^4\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_7^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
141144	1809	360	$\frac{5}{72}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^6\ \Phi_{90}^6\ \Phi_{72}^3\ \Phi_{60}^2\ \Phi_{45}^6\ \Phi_{40}^6\ \Phi_{36}^3\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{18}^3\ \Phi_{15}^4\ \Phi_{12}\ \Phi_{10}^5\ \Phi_9^3\ \Phi_8^3\ \Phi_6^2\ \Phi_5^5\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
141145	1809	1540	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{10}{77}$	$\frac{1}{4}$	$\Phi_{1540}^2\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{140}^2\ \Phi_{77}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
141146	1809	256	$\frac{1}{16}$	$\frac{9}{64}$	$\frac{5}{32}$	$\frac{55}{256}$	$\Phi_{256}^9\ \Phi_{128}^9\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
141147	1809	245	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{44}{245}$	$\frac{1}{5}$	$\Phi_{245}^7\ \Phi_{49}^9\ \Phi_{35}^7\ \Phi_7^9\ \Phi_5^6\ \Phi_1^9$
141148	1809	160	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{13}{80}$	$\frac{3}{16}$	$\Phi_{160}^{16}\ \Phi_{80}^{11}\ \Phi_{40}^{11}\ \Phi_{32}^3\ \Phi_{20}^{11}\ \Phi_{16}^2\ \Phi_{10}^{11}\ \Phi_8^2\ \Phi_5^{11}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
141149	1809	77	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{7}$	$\frac{2}{11}$	$\Phi_{77}^{23}\ \Phi_{11}^{27}\ \Phi_7^{22}\ \Phi_1^{27}$
141150	1810	1806	$\frac{2}{903}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{901}{1806}$	$\Phi_{1806}^2\ \Phi_{602}^2\ \Phi_{258}^2\ \Phi_{86}^2\ \Phi_{42}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141151	1810	2888	$\frac{1}{361}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{180}{361}$	$\Phi_{2888}\ \Phi_{361}\ \Phi_{152}\ \Phi_{19}\ \Phi_8^2\ \Phi_1^2$
141152	1810	3624	$\frac{1}{302}$	$\frac{303}{1208}$	$\frac{1}{3}$	$\frac{301}{604}$	$\Phi_{3624}\ \Phi_{906}\ \Phi_{453}\ \Phi_{24}\ \Phi_6$
141153	1810	1608	$\frac{1}{201}$	$\frac{101}{804}$	$\frac{703}{1608}$	$\frac{100}{201}$	$\Phi_{1608}^2\ \Phi_{536}^2\ \Phi_{201}\ \Phi_{67}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
141154	1810	1206	$\frac{1}{201}$	$\frac{301}{1206}$	$\frac{101}{402}$	$\frac{100}{201}$	$\Phi_{1206}^2\ \Phi_{603}^2\ \Phi_{201}\ \Phi_{67}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
141155	1810	360	$\frac{1}{180}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{179}{360}$	$\Phi_{360}^{10}\ \Phi_{120}^{10}\ \Phi_{72}^{10}\ \Phi_{40}^{10}\ \Phi_{24}^{10}\ \Phi_9\ \Phi_8^{10}\ \Phi_3\ \Phi_1^2$
141156	1810	360	$\frac{1}{180}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{179}{360}$	$\Phi_{360}^{10}\ \Phi_{120}^{10}\ \Phi_{72}^{10}\ \Phi_{40}^{10}\ \Phi_{24}^{10}\ \Phi_8^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141157	1810	726	$\frac{1}{121}$	$\frac{1}{6}$	$\frac{61}{242}$	$\frac{60}{121}$	$\Phi_{726}^3\ \Phi_{363}^3\ \Phi_{242}\ \Phi_{121}^2\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{22}\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
141158	1810	1742	$\frac{1}{67}$	$\frac{34}{871}$	$\frac{837}{1742}$	$\frac{33}{67}$	$\Phi_{1742}^2\ \Phi_{134}^2\ \Phi_{67}\ \Phi_{26}^2\ \Phi_2^2\ \Phi_1^2$
141159	1810	1782	$\frac{14}{891}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{877}{1782}$	$\Phi_{1782}^2\ \Phi_{594}^2\ \Phi_{198}^2\ \Phi_{162}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{27}\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141160	1810	1056	$\frac{5}{176}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{171}{352}$	$\Phi_{1056}^4\ \Phi_{352}^2\ \Phi_{96}^4\ \Phi_{66}\ \Phi_{33}\ \Phi_{32}^2\ \Phi_{22}$
141161	1810	198	$\frac{1}{33}$	$\frac{17}{198}$	$\frac{1}{6}$	$\frac{16}{33}$	$\Phi_{198}^{10}\ \Phi_{99}^{10}\ \Phi_{66}^7\ \Phi_{33}^8\ \Phi_{22}^7\ \Phi_{18}^{10}\ \Phi_{11}^8\ \Phi_9^{10}\ \Phi_6^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
141162	1810	351	$\frac{11}{351}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{170}{351}$	$\Phi_{351}^5\ \Phi_{117}^5\ \Phi_{39}^5\ \Phi_{27}^7\ \Phi_{13}^5\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
141163	1810	3850	$\frac{6}{175}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{169}{350}$	$\Phi_{3850}\ \Phi_{770}\ \Phi_{550}\ \Phi_{154}\ \Phi_{110}\ \Phi_{77}\ \Phi_{22}$
141164	1810	1188	$\frac{1}{27}$	$\frac{14}{297}$	$\frac{283}{1188}$	$\frac{13}{27}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141165	1810	972	$\frac{1}{27}$	$\frac{67}{972}$	$\frac{14}{81}$	$\frac{13}{27}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141166	1810	2288	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{27}{208}$	$\frac{25}{52}$	$\Phi_{2288}\ \Phi_{1144}\ \Phi_{286}\ \Phi_{176}\ \Phi_{143}\ \Phi_{88}\ \Phi_{22}$
141167	1810	201	$\frac{3}{67}$	$\frac{20}{201}$	$\frac{7}{67}$	$\frac{32}{67}$	$\Phi_{201}^{10}\ \Phi_{67}^7\ \Phi_3^{10}\ \Phi_1^8$
141168	1810	1728	$\frac{1}{27}$	$\frac{41}{864}$	$\frac{13}{54}$	$\frac{823}{1728}$	$\Phi_{1728}^2\ \Phi_{576}^2\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{54}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141169	1810	3718	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{157}{338}$	$\Phi_{3718}\ \Phi_{286}\ \Phi_{143}\ \Phi_{22}$
141170	1810	2156	$\frac{1}{14}$	$\frac{15}{196}$	$\frac{1}{11}$	$\frac{13}{28}$	$\Phi_{2156}\ \Phi_{1078}\ \Phi_{539}\ \Phi_{154}\ \Phi_{77}\ \Phi_{22}$
141171	1810	3696	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{1}{11}$	$\frac{155}{336}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{176}\ \Phi_{154}\ \Phi_{77}\ \Phi_{22}$
141172	1810	335	$\frac{2}{67}$	$\frac{27}{335}$	$\frac{13}{67}$	$\frac{154}{335}$	$\Phi_{335}^5\ \Phi_{67}^7\ \Phi_5^5\ \Phi_1^8$
141173	1810	1122	$\frac{6}{187}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{1122}^2\ \Phi_{561}^2\ \Phi_{374}^2\ \Phi_{102}^2\ \Phi_{66}\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{33}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
141174	1810	330	$\frac{1}{33}$	$\frac{16}{165}$	$\frac{1}{6}$	$\frac{149}{330}$	$\Phi_{330}^4\ \Phi_{165}^6\ \Phi_{110}^4\ \Phi_{66}^7\ \Phi_{55}^6\ \Phi_{33}^8\ \Phi_{30}^4\ \Phi_{22}^7\ \Phi_{15}^6\ \Phi_{11}^8\ \Phi_{10}^4\ \Phi_6^6\ \Phi_5^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
141175	1810	549	$\frac{2}{183}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{549}^3\ \Phi_{183}^4\ \Phi_{61}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
141176	1810	270	$\frac{1}{90}$	$\frac{1}{9}$	$\frac{89}{270}$	$\frac{4}{9}$	$\Phi_{270}^{10}\ \Phi_{135}^{10}\ \Phi_{54}^{10}\ \Phi_{27}^{10}\ \Phi_9\ \Phi_3\ \Phi_1^2$
141177	1810	918	$\frac{13}{918}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{54}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{27}^2\ \Phi_{17}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
141178	1810	1656	$\frac{3}{184}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{184}^2\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{72}\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{24}\ \Phi_{23}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
141179	1810	720	$\frac{1}{60}$	$\frac{1}{9}$	$\frac{59}{240}$	$\frac{4}{9}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^4\ \Phi_{144}^3\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{72}^3\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_9\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
141180	1810	1665	$\frac{4}{185}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{333}\ \Phi_{185}^2\ \Phi_{111}\ \Phi_{37}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
141181	1810	225	$\frac{1}{45}$	$\frac{1}{9}$	$\frac{44}{225}$	$\frac{4}{9}$	$\Phi_{225}^{10}\ \Phi_{75}^{10}\ \Phi_{25}^{10}\ \Phi_9\ \Phi_3\ \Phi_1^2$
141182	1810	558	$\frac{5}{186}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{558}^3\ \Phi_{279}^3\ \Phi_{186}^4\ \Phi_{93}^4\ \Phi_{62}^4\ \Phi_{31}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
141183	1810	216	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{35}{216}$	$\frac{4}{9}$	$\Phi_{216}^{10}\ \Phi_{108}^{10}\ \Phi_{72}^{10}\ \Phi_{54}^{10}\ \Phi_{27}^{10}\ \Phi_{24}^{10}\ \Phi_9\ \Phi_8^{10}\ \Phi_3\ \Phi_1^2$
141184	1810	936	$\frac{31}{936}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{13}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
141185	1810	630	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{29}{210}$	$\frac{4}{9}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^4\ \Phi_{126}^3\ \Phi_{105}^4\ \Phi_{70}^4\ \Phi_{63}^3\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_9\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
141186	1810	189	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{189}^{10}\ \Phi_{63}^{10}\ \Phi_{27}^{10}\ \Phi_{21}^{10}\ \Phi_9\ \Phi_7^{10}\ \Phi_3\ \Phi_1^2$
141187	1810	1710	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{342}\ \Phi_{285}\ \Phi_{190}^2\ \Phi_{171}\ \Phi_{114}\ \Phi_{95}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
141188	1810	1800	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}^2\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{72}\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_{24}\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
141189	1810	198	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{198}^{10}\ \Phi_{99}^{10}\ \Phi_{66}^{10}\ \Phi_{33}^{10}\ \Phi_{22}^{10}\ \Phi_{11}^{10}\ \Phi_9\ \Phi_3\ \Phi_1^2$
141190	1810	576	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^4\ \Phi_{144}^3\ \Phi_{96}^4\ \Phi_{72}^3\ \Phi_{64}^4\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_9\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
141191	1810	585	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{585}^3\ \Phi_{195}^4\ \Phi_{117}^3\ \Phi_{65}^4\ \Phi_{39}^4\ \Phi_{13}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
141192	1810	1608	$\frac{1}{67}$	$\frac{101}{804}$	$\frac{33}{134}$	$\frac{703}{1608}$	$\Phi_{1608}^2\ \Phi_{536}^2\ \Phi_{134}^2\ \Phi_{67}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
141193	1810	3432	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{25}{156}$	$\frac{131}{312}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{286}\ \Phi_{264}\ \Phi_{143}\ \Phi_{88}\ \Phi_{22}$
141194	1810	912	$\frac{7}{912}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{48}^2\ \Phi_{38}^2\ \Phi_{24}^2\ \Phi_{19}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141195	1810	189	$\frac{8}{189}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{189}^{10}\ \Phi_{63}^{10}\ \Phi_{27}^7\ \Phi_{21}^{10}\ \Phi_9^7\ \Phi_7^{10}\ \Phi_3^7\ \Phi_1^8$
141196	1810	201	$\frac{2}{67}$	$\frac{20}{201}$	$\frac{13}{67}$	$\frac{27}{67}$	$\Phi_{201}^{10}\ \Phi_{67}^7\ \Phi_3^{10}\ \Phi_1^8$
141197	1810	906	$\frac{1}{151}$	$\frac{30}{151}$	$\frac{1}{3}$	$\frac{121}{302}$	$\Phi_{906}^5\ \Phi_{453}\ \Phi_6^5$
141198	1810	972	$\frac{1}{27}$	$\frac{67}{972}$	$\frac{13}{54}$	$\frac{41}{108}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141199	1810	1072	$\frac{1}{67}$	$\frac{167}{1072}$	$\frac{33}{134}$	$\frac{101}{268}$	$\Phi_{1072}^2\ \Phi_{536}^2\ \Phi_{134}^2\ \Phi_{67}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
141200	1810	2184	$\frac{1}{182}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2184}^2\ \Phi_{546}\ \Phi_{312}^2\ \Phi_{273}\ \Phi_{168}^2\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{24}\ \Phi_{21}\ \Phi_6$
141201	1810	760	$\frac{9}{190}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{760}^4\ \Phi_{190}^2\ \Phi_{152}^3\ \Phi_{95}^2\ \Phi_{40}^4\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{10}^2\ \Phi_8^4\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
141202	1810	1407	$\frac{1}{67}$	$\frac{66}{469}$	$\frac{403}{1407}$	$\frac{502}{1407}$	$\Phi_{1407}\ \Phi_{469}^2\ \Phi_{201}\ \Phi_{67}\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
141203	1810	1377	$\frac{1}{27}$	$\frac{26}{459}$	$\frac{433}{1377}$	$\frac{472}{1377}$	$\Phi_{1377}\ \Phi_{459}^2\ \Phi_{153}^2\ \Phi_{81}\ \Phi_{51}^2\ \Phi_{27}\ \Phi_{17}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
141204	1810	1359	$\frac{2}{453}$	$\frac{451}{1359}$	$\frac{1}{3}$	$\frac{454}{1359}$	$\Phi_{1359}\ \Phi_{453}^2\ \Phi_{151}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
141205	1810	366	$\frac{2}{183}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{366}^6\ \Phi_{183}^4\ \Phi_{122}^6\ \Phi_{61}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141206	1810	1032	$\frac{2}{129}$	$\frac{127}{1032}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1032}^2\ \Phi_{516}^2\ \Phi_{344}^2\ \Phi_{258}^2\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
141207	1810	924	$\frac{19}{924}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141208	1810	270	$\frac{1}{90}$	$\frac{1}{6}$	$\frac{89}{270}$	$\frac{1}{3}$	$\Phi_{270}^{10}\ \Phi_{135}^{10}\ \Phi_{54}^{10}\ \Phi_{27}^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141209	1810	918	$\frac{13}{918}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{54}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{27}^2\ \Phi_{17}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141210	1810	552	$\frac{3}{184}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{552}^3\ \Phi_{276}^3\ \Phi_{184}^4\ \Phi_{138}^3\ \Phi_{92}^4\ \Phi_{69}^3\ \Phi_{46}^4\ \Phi_{24}^3\ \Phi_{23}^4\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141211	1810	240	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{59}{240}$	$\frac{1}{3}$	$\Phi_{240}^{10}\ \Phi_{120}^{10}\ \Phi_{80}^{10}\ \Phi_{48}^{10}\ \Phi_{40}^{10}\ \Phi_{24}^{10}\ \Phi_{16}^{10}\ \Phi_8^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141212	1810	738	$\frac{7}{369}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{738}^3\ \Phi_{369}^2\ \Phi_{246}^3\ \Phi_{123}^2\ \Phi_{82}^3\ \Phi_{41}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141213	1810	1110	$\frac{4}{185}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1110}^2\ \Phi_{555}\ \Phi_{370}^2\ \Phi_{222}^2\ \Phi_{185}^2\ \Phi_{111}\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141214	1810	450	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{44}{225}$	$\frac{1}{3}$	$\Phi_{450}^6\ \Phi_{225}^4\ \Phi_{150}^6\ \Phi_{75}^4\ \Phi_{50}^6\ \Phi_{25}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141215	1810	186	$\frac{5}{186}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{186}^{10}\ \Phi_{93}^{10}\ \Phi_{62}^{10}\ \Phi_{31}^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141216	1810	216	$\frac{1}{36}$	$\frac{35}{216}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{216}^{10}\ \Phi_{108}^{10}\ \Phi_{72}^{10}\ \Phi_{54}^{10}\ \Phi_{27}^{10}\ \Phi_{24}^{10}\ \Phi_8^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141217	1810	936	$\frac{31}{936}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{13}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141218	1810	210	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{210}^{10}\ \Phi_{105}^{10}\ \Phi_{70}^{10}\ \Phi_{42}^{10}\ \Phi_{35}^{10}\ \Phi_{21}^{10}\ \Phi_{14}^{10}\ \Phi_7^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141219	1810	750	$\frac{13}{375}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{750}^3\ \Phi_{375}^2\ \Phi_{250}^3\ \Phi_{150}^3\ \Phi_{125}^2\ \Phi_{75}^2\ \Phi_{50}^3\ \Phi_{25}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141220	1810	378	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{378}^6\ \Phi_{189}^4\ \Phi_{126}^6\ \Phi_{63}^4\ \Phi_{54}^6\ \Phi_{42}^6\ \Phi_{27}^4\ \Phi_{21}^4\ \Phi_{14}^6\ \Phi_7^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141221	1810	810	$\frac{2}{45}$	$\frac{43}{405}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{810}^3\ \Phi_{405}^2\ \Phi_{270}^3\ \Phi_{162}^3\ \Phi_{135}^2\ \Phi_{81}^2\ \Phi_{54}^3\ \Phi_{27}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141222	1810	570	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{570}^3\ \Phi_{285}^3\ \Phi_{190}^4\ \Phi_{114}^3\ \Phi_{95}^4\ \Phi_{57}^3\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141223	1810	600	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^4\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^4\ \Phi_{75}^3\ \Phi_{50}^4\ \Phi_{40}^4\ \Phi_{25}^4\ \Phi_{24}^3\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141224	1810	198	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{198}^{10}\ \Phi_{99}^{10}\ \Phi_{66}^{10}\ \Phi_{33}^{10}\ \Phi_{22}^{10}\ \Phi_{11}^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141225	1810	192	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{192}^{10}\ \Phi_{96}^{10}\ \Phi_{64}^{10}\ \Phi_{48}^{10}\ \Phi_{32}^{10}\ \Phi_{24}^{10}\ \Phi_{16}^{10}\ \Phi_8^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141226	1810	390	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{390}^6\ \Phi_{195}^4\ \Phi_{130}^6\ \Phi_{78}^6\ \Phi_{65}^4\ \Phi_{39}^4\ \Phi_{26}^6\ \Phi_{13}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141227	1810	2574	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{53}{234}$	$\frac{25}{78}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{286}\ \Phi_{198}\ \Phi_{143}\ \Phi_{99}\ \Phi_{22}$
141228	1810	264	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{83}{264}$	$\Phi_{264}^6\ \Phi_{132}^6\ \Phi_{88}^8\ \Phi_{66}^7\ \Phi_{44}^8\ \Phi_{33}^7\ \Phi_{24}^6\ \Phi_{22}^9\ \Phi_{12}^6\ \Phi_{11}^8\ \Phi_8^8\ \Phi_6^6\ \Phi_4^8\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
141229	1810	2310	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{29}{210}$	$\frac{13}{42}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{330}\ \Phi_{165}\ \Phi_{154}\ \Phi_{110}\ \Phi_{77}\ \Phi_{55}\ \Phi_{22}$
141230	1810	1296	$\frac{1}{27}$	$\frac{41}{432}$	$\frac{13}{54}$	$\frac{391}{1296}$	$\Phi_{1296}^2\ \Phi_{648}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141231	1810	2772	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{84}$	$\frac{71}{252}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{396}\ \Phi_{198}\ \Phi_{154}\ \Phi_{99}\ \Phi_{77}\ \Phi_{22}$
141232	1810	990	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{32}{165}$	$\frac{133}{495}$	$\Phi_{990}^3\ \Phi_{495}^2\ \Phi_{198}^3\ \Phi_{99}^2\ \Phi_{90}^3\ \Phi_{66}^3\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{18}^3\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141233	1810	189	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{189}^{10}\ \Phi_{63}^{10}\ \Phi_{27}^6\ \Phi_{21}^{10}\ \Phi_9^9\ \Phi_7^{10}\ \Phi_3^9\ \Phi_1^{10}$
141234	1810	1206	$\frac{1}{67}$	$\frac{33}{134}$	$\frac{301}{1206}$	$\frac{101}{402}$	$\Phi_{1206}^2\ \Phi_{603}^2\ \Phi_{134}^2\ \Phi_{67}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
141235	1810	196	$\frac{15}{196}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{1}{4}$	$\Phi_{196}^9\ \Phi_{98}^9\ \Phi_{49}^{10}\ \Phi_{28}^9\ \Phi_{14}^9\ \Phi_7^{10}\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{10}$
141236	1810	216	$\frac{1}{27}$	$\frac{35}{216}$	$\frac{41}{216}$	$\frac{13}{54}$	$\Phi_{216}^8\ \Phi_{108}^8\ \Phi_{72}^8\ \Phi_{54}^{10}\ \Phi_{36}^8\ \Phi_{27}^9\ \Phi_{24}^8\ \Phi_{18}^{10}\ \Phi_{12}^8\ \Phi_9^9\ \Phi_8^8\ \Phi_6^{10}\ \Phi_4^8\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
141237	1810	2464	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{43}{224}$	$\frac{13}{56}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{352}\ \Phi_{176}\ \Phi_{154}\ \Phi_{77}\ \Phi_{22}$
141238	1810	198	$\frac{17}{198}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{22}$	$\Phi_{198}^{10}\ \Phi_{99}^{10}\ \Phi_{66}^7\ \Phi_{33}^7\ \Phi_{22}^9\ \Phi_{18}^{10}\ \Phi_{11}^8\ \Phi_9^{10}\ \Phi_6^6\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
141239	1810	201	$\frac{16}{201}$	$\frac{20}{201}$	$\frac{37}{201}$	$\frac{41}{201}$	$\Phi_{201}^9\ \Phi_{67}^9\ \Phi_3^9\ \Phi_1^{10}$
141240	1810	201	$\frac{20}{201}$	$\frac{7}{67}$	$\frac{11}{67}$	$\frac{12}{67}$	$\Phi_{201}^{10}\ \Phi_{67}^7\ \Phi_3^{10}\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
141241	1810	660	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{6}$	$\frac{39}{220}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{220}^2\ \Phi_{165}^4\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{60}^4\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{30}^4\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{15}^4\ \Phi_{10}^2\ \Phi_5^2$
141242	1810	2310	$\frac{1}{11}$	$\frac{29}{210}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{165}\ \Phi_{154}\ \Phi_{110}\ \Phi_{77}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
141243	1811	2896	$\frac{1}{362}$	$\frac{363}{1448}$	$\frac{1085}{2896}$	$\frac{361}{724}$	$\Phi_{2896}\ \Phi_{724}\ \Phi_{16}\ \Phi_4\ \Phi_1$
141244	1811	3600	$\frac{11}{1800}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1789}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
141245	1811	3600	$\frac{11}{1800}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1789}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}\ \Phi_{15}\ \Phi_3\ \Phi_1$
141246	1811	2420	$\frac{4}{605}$	$\frac{1}{5}$	$\frac{609}{2420}$	$\frac{601}{1210}$	$\Phi_{2420}\ \Phi_{605}\ \Phi_{484}\ \Phi_{220}\ \Phi_{121}\ \Phi_{55}\ \Phi_{44}\ \Phi_{20}\ \Phi_{11}\ \Phi_4\ \Phi_1$
141247	1811	1980	$\frac{4}{165}$	$\frac{169}{1980}$	$\frac{1}{5}$	$\frac{161}{330}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{99}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
141248	1811	3520	$\frac{51}{1760}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1709}{3520}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{64}\ \Phi_{55}\ \Phi_{11}\ \Phi_1$
141249	1811	2080	$\frac{9}{260}$	$\frac{1}{10}$	$\frac{269}{2080}$	$\frac{251}{520}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{416}\ \Phi_{260}\ \Phi_{208}\ \Phi_{160}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{20}\ \Phi_{16}\ \Phi_{13}\ \Phi_4\ \Phi_1$
141250	1811	3500	$\frac{61}{1750}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1689}{3500}$	$\Phi_{3500}\ \Phi_{700}\ \Phi_{500}\ \Phi_{140}\ \Phi_{100}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
141251	1811	1960	$\frac{9}{140}$	$\frac{149}{1960}$	$\frac{1}{10}$	$\frac{131}{280}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{70}\ \Phi_{49}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
141252	1811	3380	$\frac{9}{130}$	$\frac{121}{1690}$	$\frac{1}{10}$	$\frac{1569}{3380}$	$\Phi_{3380}\ \Phi_{676}\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_4\ \Phi_1$
141253	1811	1870	$\frac{59}{1870}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{374}\ \Phi_{187}\ \Phi_{170}\ \Phi_{85}\ \Phi_{55}\ \Phi_{34}\ \Phi_{17}\ \Phi_{11}\ \Phi_1$
141254	1811	3360	$\frac{9}{140}$	$\frac{131}{1680}$	$\frac{1}{10}$	$\frac{1549}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{96}\ \Phi_{70}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
141255	1811	3300	$\frac{4}{165}$	$\frac{161}{1650}$	$\frac{1}{5}$	$\frac{1489}{3300}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{300}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{100}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_3\ \Phi_1$
141256	1811	2700	$\frac{11}{900}$	$\frac{1}{10}$	$\frac{889}{2700}$	$\frac{9}{20}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{20}\ \Phi_4\ \Phi_1$
141257	1811	1840	$\frac{29}{1840}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{368}\ \Phi_{230}\ \Phi_{184}\ \Phi_{115}\ \Phi_{92}\ \Phi_{80}\ \Phi_{46}\ \Phi_{23}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
141258	1811	2400	$\frac{11}{600}$	$\frac{1}{10}$	$\frac{589}{2400}$	$\frac{9}{20}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
141259	1811	1860	$\frac{49}{1860}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{465}\ \Phi_{372}\ \Phi_{310}\ \Phi_{186}\ \Phi_{155}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{20}\ \Phi_4\ \Phi_1$
141260	1811	2160	$\frac{11}{360}$	$\frac{1}{10}$	$\frac{349}{2160}$	$\frac{9}{20}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
141261	1811	2100	$\frac{11}{300}$	$\frac{1}{10}$	$\frac{289}{2100}$	$\frac{9}{20}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
141262	1811	1900	$\frac{89}{1900}$	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{9}{20}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{475}\ \Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_4\ \Phi_1$
141263	1811	2000	$\frac{11}{200}$	$\frac{189}{2000}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{125}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
141264	1811	1920	$\frac{109}{1920}$	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
141265	1811	1980	$\frac{11}{180}$	$\frac{169}{1980}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_4\ \Phi_1$
141266	1811	3120	$\frac{9}{260}$	$\frac{1}{10}$	$\frac{251}{1560}$	$\frac{1309}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{260}\ \Phi_{240}\ \Phi_{208}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{48}\ \Phi_{26}\ \Phi_{20}\ \Phi_{16}\ \Phi_{13}\ \Phi_4\ \Phi_1$
141267	1811	1830	$\frac{19}{1830}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1830}\ \Phi_{915}\ \Phi_{610}\ \Phi_{366}\ \Phi_{305}\ \Phi_{183}\ \Phi_{122}\ \Phi_{61}\ \Phi_{15}\ \Phi_3\ \Phi_1$
141268	1811	2700	$\frac{11}{900}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{889}{2700}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{15}\ \Phi_3\ \Phi_1$
141269	1811	2340	$\frac{9}{260}$	$\frac{1}{10}$	$\frac{529}{2340}$	$\frac{251}{780}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{260}\ \Phi_{234}\ \Phi_{180}\ \Phi_{130}\ \Phi_{117}\ \Phi_{90}\ \Phi_{65}\ \Phi_{52}\ \Phi_{45}\ \Phi_{36}\ \Phi_{26}\ \Phi_{20}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_4\ \Phi_1$
141270	1811	2640	$\frac{51}{880}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{829}{2640}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{48}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
141271	1811	2100	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{289}{2100}$	$\frac{131}{420}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{140}\ \Phi_{100}\ \Phi_{75}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
141272	1811	2520	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{131}{840}$	$\frac{709}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
141273	1811	2475	$\frac{4}{165}$	$\frac{161}{825}$	$\frac{1}{5}$	$\frac{664}{2475}$	$\Phi_{2475}\ \Phi_{495}\ \Phi_{225}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
141274	1811	2400	$\frac{11}{600}$	$\frac{1}{5}$	$\frac{589}{2400}$	$\frac{4}{15}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
141275	1811	1845	$\frac{34}{1845}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{369}\ \Phi_{205}\ \Phi_{123}\ \Phi_{41}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
141276	1811	2250	$\frac{11}{450}$	$\frac{439}{2250}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{750}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
141277	1811	1860	$\frac{49}{1860}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{465}\ \Phi_{372}\ \Phi_{310}\ \Phi_{186}\ \Phi_{155}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
141278	1811	2160	$\frac{11}{360}$	$\frac{349}{2160}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
141279	1811	1875	$\frac{64}{1875}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1875}\ \Phi_{625}\ \Phi_{375}\ \Phi_{125}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
141280	1811	2100	$\frac{11}{300}$	$\frac{289}{2100}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
141281	1811	1890	$\frac{79}{1890}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
141282	1811	2025	$\frac{11}{225}$	$\frac{214}{2025}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{405}\ \Phi_{135}\ \Phi_{81}\ \Phi_{27}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
141283	1811	1920	$\frac{109}{1920}$	$\frac{11}{120}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
141284	1811	1980	$\frac{11}{180}$	$\frac{169}{1980}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}$
141285	1811	1950	$\frac{139}{1950}$	$\frac{11}{150}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{390}\ \Phi_{325}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}$
141286	1811	2240	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{429}{2240}$	$\frac{131}{560}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{64}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
141287	1811	1980	$\frac{4}{55}$	$\frac{169}{1980}$	$\frac{1}{5}$	$\frac{51}{220}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{36}\ \Phi_{33}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
141288	1811	2200	$\frac{4}{55}$	$\frac{51}{440}$	$\frac{389}{2200}$	$\frac{1}{5}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{200}\ \Phi_{100}\ \Phi_{55}\ \Phi_{50}\ \Phi_{25}\ \Phi_{11}\ \Phi_{1}$
141289	1811	2100	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{289}{2100}$	$\frac{61}{350}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
141290	1812	2712	$\frac{1}{452}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{451}{904}$	$\Phi_{2712}\ \Phi_{904}^2\ \Phi_{24}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
141291	1812	1505	$\frac{1}{301}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{150}{301}$	$\Phi_{1505}\ \Phi_{301}^2\ \Phi_{215}\ \Phi_{43}^2\ \Phi_{35}\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{1}^4$
141292	1812	3612	$\frac{1}{301}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{150}{301}$	$\Phi_{3612}\ \Phi_{1806}\ \Phi_{516}\ \Phi_{258}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_{6}^2$
141293	1812	1811	$\frac{7}{1811}$	$\frac{303}{1811}$	$\frac{754}{1811}$	$\frac{902}{1811}$	$\Phi_{1811}\ \Phi_{1}^2$
141294	1812	2420	$\frac{3}{605}$	$\frac{1}{4}$	$\frac{152}{605}$	$\frac{301}{605}$	$\Phi_{2420}\ \Phi_{1210}\ \Phi_{484}\ \Phi_{242}\ \Phi_{220}\ \Phi_{110}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
141295	1812	1811	$\frac{9}{1811}$	$\frac{452}{1811}$	$\frac{455}{1811}$	$\frac{901}{1811}$	$\Phi_{1811}\ \Phi_{1}^2$
141296	1812	2721	$\frac{5}{907}$	$\frac{152}{907}$	$\frac{1}{3}$	$\frac{451}{907}$	Φ_{2721}
141297	1812	3300	$\frac{1}{150}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{149}{300}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{300}^2\ \Phi_{220}\ \Phi_{132}\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{44}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{4}^2\ \Phi_{1}^2$
141298	1812	2100	$\frac{1}{150}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{149}{300}$	$\Phi_{2100}^2\ \Phi_{700}^2\ \Phi_{420}^2\ \Phi_{140}^2\ \Phi_{84}^2\ \Phi_{28}^2\ \Phi_{21}$
141299	1812	3300	$\frac{1}{150}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{149}{300}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{300}^2\ \Phi_{220}\ \Phi_{132}\ \Phi_{100}^2\ \Phi_{60}^2\ \Phi_{44}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{4}^2\ \Phi_{1}^2$
141300	1812	300	$\frac{1}{150}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{149}{300}$	$\Phi_{300}^4\ \Phi_{150}^8\ \Phi_{100}^4\ \Phi_{75}^8\ \Phi_{60}^4\ \Phi_{50}^8\ \Phi_{30}^8\ \Phi_{25}^8\ \Phi_{20}^5\ \Phi_{15}^8\ \Phi_{12}^4\ \Phi_{10}^9\ \Phi_{6}^8\ \Phi_{5}^8\ \Phi_{4}^4\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^8$
141301	1812	1452	$\frac{1}{121}$	$\frac{61}{363}$	$\frac{1}{4}$	$\frac{60}{121}$	$\Phi_{1452}^2\ \Phi_{726}^2\ \Phi_{484}\ \Phi_{242}\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{6}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
141302	1812	1414	$\frac{1}{101}$	$\frac{1}{7}$	$\frac{51}{202}$	$\frac{50}{101}$	$\Phi_{1414}^2\ \Phi_{707}\ \Phi_{14}^2$
141303	1812	1188	$\frac{5}{297}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{146}{297}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{44}^3\ \Phi_{36}^2\ \Phi_{22}^3\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{2}^2$
141304	1812	660	$\frac{1}{55}$	$\frac{14}{165}$	$\frac{1}{4}$	$\frac{27}{55}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{220}^3\ \Phi_{132}^4\ \Phi_{110}^3\ \Phi_{66}^4\ \Phi_{60}^4\ \Phi_{44}^3\ \Phi_{30}^4\ \Phi_{22}^3\ \Phi_{20}^3\ \Phi_{12}^4\ \Phi_{10}^3\ \Phi_{6}^4\ \Phi_{4}^2\ \Phi_{2}^2$
141305	1812	3848	$\frac{3}{148}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{145}{296}$	$\Phi_{3848}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
141306	1812	3744	$\frac{7}{144}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{137}{288}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
141307	1812	1683	$\frac{2}{153}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}^2\ \Phi_{99}\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{1}^2$
141308	1812	2475	$\frac{1}{75}$	$\frac{1}{11}$	$\frac{74}{225}$	$\frac{5}{11}$	$\Phi_{2475}\ \Phi_{495}\ \Phi_{225}^2\ \Phi_{99}\ \Phi_{45}^2\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{1}^2$
141309	1812	308	$\frac{3}{154}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{308}^8\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{44}^7\ \Phi_{28}^8\ \Phi_{22}^3\ \Phi_{14}^4\ \Phi_{11}^4\ \Phi_{7}^4\ \Phi_{4}^6\ \Phi_{2}^2\ \Phi_{1}^4$
141310	1812	2200	$\frac{1}{50}$	$\frac{1}{11}$	$\frac{49}{200}$	$\frac{5}{11}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{440}\ \Phi_{220}\ \Phi_{200}^2\ \Phi_{100}^2\ \Phi_{88}\ \Phi_{44}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{1}^2$
141311	1812	1705	$\frac{4}{155}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{1705}\ \Phi_{341}\ \Phi_{155}^2\ \Phi_{31}^2\ \Phi_{11}\ \Phi_{1}^2$
141312	1812	1716	$\frac{5}{156}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{286}\ \Phi_{156}^2\ \Phi_{143}\ \Phi_{132}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{44}\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{4}^2\ \Phi_{1}^2$
141313	1812	1980	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{29}{180}$	$\frac{5}{11}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}^2\ \Phi_{132}\ \Phi_{99}\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{4}^2\ \Phi_{1}^2$
141314	1812	1925	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{24}{175}$	$\frac{5}{11}$	$\Phi_{1925}\ \Phi_{385}\ \Phi_{175}^2\ \Phi_{77}\ \Phi_{35}^2\ \Phi_{11}\ \Phi_{7}^2\ \Phi_{1}^2$
141315	1812	1760	$\frac{9}{160}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{11}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}^2\ \Phi_{88}\ \Phi_{80}^2\ \Phi_{44}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{1}^2$
141316	1812	165	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{165}^{11}\ \Phi_{55}^{11}\ \Phi_{33}^{11}\ \Phi_{15}^{10}\ \Phi_{11}^{12}\ \Phi_{5}^{10}\ \Phi_{3}^{10}\ \Phi_{1}^{12}$
141317	1812	1100	$\frac{1}{55}$	$\frac{27}{275}$	$\frac{1}{4}$	$\frac{124}{275}$	$\Phi_{1100}^2\ \Phi_{550}^2\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_{4}^2\ \Phi_{2}^2$
141318	1812	2080	$\frac{9}{160}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{260}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
141319	1812	3458	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{18}{133}$	$\frac{115}{266}$	$\Phi_{3458}\ \Phi_{494}\ \Phi_{247}\ \Phi_{182}\ \Phi_{26}$
141320	1812	2280	$\frac{1}{152}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}^2\ \Phi_{285}\ \Phi_{228}^2\ \Phi_{120}\ \Phi_{114}^2\ \Phi_{60}\ \Phi_{57}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
141321	1812	1220	$\frac{3}{305}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1220}^2\ \Phi_{610}^2\ \Phi_{244}^2\ \Phi_{122}^2\ \Phi_{20}\ \Phi_{10}$
141322	1812	770	$\frac{3}{154}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{770}^2\ \Phi_{385}^2\ \Phi_{154}^4\ \Phi_{110}^2\ \Phi_{77}^4\ \Phi_{70}^2\ \Phi_{55}^2\ \Phi_{35}\ \Phi_{22}^4\ \Phi_{14}^4\ \Phi_{11}^4\ \Phi_{10}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{2}^4\ \Phi_{1}^4$
141323	1812	860	$\frac{1}{43}$	$\frac{21}{172}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{860}^2\ \Phi_{430}^2\ \Phi_{215}\ \Phi_{172}^4\ \Phi_{86}^4\ \Phi_{43}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
141324	1812	1976	$\frac{1}{152}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1976}\ \Phi_{988}\ \Phi_{494}\ \Phi_{247}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
141325	1812	484	$\frac{1}{121}$	$\frac{30}{121}$	$\frac{1}{4}$	$\frac{91}{242}$	$\Phi_{484}^5\ \Phi_{242}\ \Phi_{121}^4\ \Phi_{44}^5\ \Phi_{22}\ \Phi_{11}^4\ \Phi_{4}^4\ \Phi_{1}^4$
141326	1812	2964	$\frac{1}{38}$	$\frac{1}{13}$	$\frac{37}{114}$	$\frac{77}{228}$	$\Phi_{2964}\ \Phi_{988}\ \Phi_{494}\ \Phi_{247}\ \Phi_{156}\ \Phi_{52}\ \Phi_{26}$
141327	1812	1811	$\frac{8}{1811}$	$\frac{601}{1811}$	$\frac{603}{1811}$	$\frac{605}{1811}$	$\Phi_{1811}\ \Phi_{1}^2$
141328	1812	2721	$\frac{4}{907}$	$\frac{301}{907}$	$\frac{1}{3}$	$\frac{303}{907}$	Φ_{2721}
141329	1812	678	$\frac{1}{226}$	$\frac{75}{226}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{678}^2\ \Phi_{339}^2\ \Phi_{226}^4\ \Phi_{113}^4\ \Phi_{6}^2\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
141330	1812	456	$\frac{1}{152}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{152}^6\ \Phi_{114}^3\ \Phi_{76}^6\ \Phi_{57}^3\ \Phi_{38}^6\ \Phi_{24}^3\ \Phi_{19}^6\ \Phi_{12}^2\ \Phi_{8}^6\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
141331	1812	1695	$\frac{1}{113}$	$\frac{112}{565}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1695}\ \Phi_{565}^2\ \Phi_{15}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
141332	1812	1071	$\frac{2}{153}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1071}^2\ \Phi_{357}^2\ \Phi_{119}^2\ \Phi_{63}^2\ \Phi_{21}$
141333	1812	1575	$\frac{1}{75}$	$\frac{1}{7}$	$\frac{74}{225}$	$\frac{1}{3}$	$\Phi_{1575}^2\ \Phi_{315}^2\ \Phi_{63}^2\ \Phi_{21}$
141334	1812	1683	$\frac{2}{153}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}^2\ \Phi_{99}\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{1}^2$
141335	1812	3060	$\frac{2}{153}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{180}\ \Phi_{170}\ \Phi_{90}\ \Phi_{20}\ \Phi_{10}$
141336	1812	924	$\frac{3}{154}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^4\ \Phi_{462}^2\ \Phi_{231}^2\ \Phi_{132}^4\ \Phi_{84}^3\ \Phi_{66}^2\ \Phi_{42}\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{12}^4\ \Phi_{6}^2\ \Phi_{3}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
141337	1812	516	$\frac{1}{43}$	$\frac{21}{172}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{516}^{5}\ \Phi_{258}^{5}\ \Phi_{129}^{6}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{6}$
141338	1812	4200	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{49}{200}$	$\frac{1}{3}$	$\Phi_{4200}\ \Phi_{2100}\ \Phi_{840}\ \Phi_{420}\ \Phi_{168}\ \Phi_{84}\ \Phi_{21}$
141339	1812	3255	$\frac{4}{155}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3255}\ \Phi_{651}\ \Phi_{21}$
141340	1812	2625	$\frac{2}{75}$	$\frac{1}{7}$	$\frac{73}{375}$	$\frac{1}{3}$	$\Phi_{2625}\ \Phi_{875}\ \Phi_{21}$
141341	1812	1092	$\frac{5}{156}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1092}^{2}\ \Phi_{546}^{2}\ \Phi_{364}^{2}\ \Phi_{273}^{2}\ \Phi_{182}^{2}\ \Phi_{91}^{2}\ \Phi_{84}^{2}\ \Phi_{28}^{2}\ \Phi_{21}$
141342	1812	1260	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{29}{180}$	$\frac{1}{3}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{420}^{2}\ \Phi_{315}^{2}\ \Phi_{252}^{2}\ \Phi_{140}^{2}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{63}^{2}\ \Phi_{28}^{2}\ \Phi_{21}$
141343	1812	525	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{525}^{5}\ \Phi_{105}^{5}\ \Phi_{75}^{6}\ \Phi_{21}^{6}\ \Phi_{15}^{6}\ \Phi_{3}^{6}$
141344	1812	315	$\frac{13}{315}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{315}^{6}\ \Phi_{105}^{5}\ \Phi_{63}^{6}\ \Phi_{45}^{6}\ \Phi_{35}^{5}\ \Phi_{21}^{6}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
141345	1812	3360	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{672}\ \Phi_{420}\ \Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{21}$
141346	1812	1155	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1155}^{2}\ \Phi_{385}^{2}\ \Phi_{231}^{2}\ \Phi_{77}^{2}\ \Phi_{21}$
141347	1812	2475	$\frac{1}{75}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{74}{225}$	$\Phi_{2475}\ \Phi_{495}\ \Phi_{225}^{2}\ \Phi_{99}\ \Phi_{45}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
141348	1812	900	$\frac{1}{75}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{74}{225}$	$\Phi_{900}^{4}\ \Phi_{450}^{4}\ \Phi_{180}^{4}\ \Phi_{90}^{4}\ \Phi_{36}^{4}\ \Phi_{20}\ \Phi_{18}^{4}\ \Phi_{10}$
141349	1812	3564	$\frac{10}{297}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{287}{891}$	$\Phi_{3564}\ \Phi_{1782}\ \Phi_{324}\ \Phi_{162}\ \Phi_{44}\ \Phi_{22}$
141350	1812	2508	$\frac{23}{627}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{836}\ \Phi_{418}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{44}\ \Phi_{38}\ \Phi_{22}$
141351	1812	2808	$\frac{1}{13}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{216}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
141352	1812	2184	$\frac{1}{13}$	$\frac{17}{168}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{104}\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}$
141353	1812	2200	$\frac{1}{50}$	$\frac{2}{11}$	$\frac{49}{200}$	$\frac{3}{11}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{440}\ \Phi_{220}\ \Phi_{200}^{2}\ \Phi_{100}^{2}\ \Phi_{88}\ \Phi_{44}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
141354	1812	1705	$\frac{4}{155}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{1705}\ \Phi_{341}\ \Phi_{155}^{2}\ \Phi_{31}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
141355	1812	1716	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1716}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{286}\ \Phi_{156}^{2}\ \Phi_{143}\ \Phi_{132}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{44}\ \Phi_{39}^{2}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
141356	1812	1980	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}^{2}\ \Phi_{132}\ \Phi_{99}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{44}\ \Phi_{36}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
141357	1812	1925	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1925}\ \Phi_{385}\ \Phi_{175}^{2}\ \Phi_{77}\ \Phi_{35}^{2}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
141358	1812	1760	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}^{2}\ \Phi_{88}\ \Phi_{80}^{2}\ \Phi_{44}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
141359	1812	165	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{165}^{11}\ \Phi_{55}^{11}\ \Phi_{33}^{11}\ \Phi_{15}^{10}\ \Phi_{11}^{12}\ \Phi_{5}^{10}\ \Phi_{3}^{10}\ \Phi_{1}^{12}$
141360	1812	3300	$\frac{1}{55}$	$\frac{54}{275}$	$\frac{1}{4}$	$\frac{221}{825}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{660}\ \Phi_{330}\ \Phi_{300}\ \Phi_{220}\ \Phi_{150}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
141361	1812	2460	$\frac{11}{615}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{820}\ \Phi_{492}\ \Phi_{410}\ \Phi_{246}\ \Phi_{164}\ \Phi_{82}\ \Phi_{20}\ \Phi_{10}$
141362	1812	200	$\frac{1}{50}$	$\frac{1}{5}$	$\frac{49}{200}$	$\frac{1}{4}$	$\Phi_{200}^{12}\ \Phi_{100}^{4}\ \Phi_{50}^{8}\ \Phi_{40}^{12}\ \Phi_{25}^{8}\ \Phi_{20}^{5}\ \Phi_{10}^{9}\ \Phi_{8}^{12}\ \Phi_{5}^{8}\ \Phi_{4}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
141363	1812	396	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{47}{198}$	$\frac{1}{4}$	$\Phi_{396}^{6}\ \Phi_{198}^{2}\ \Phi_{132}^{6}\ \Phi_{99}^{4}\ \Phi_{66}^{2}\ \Phi_{44}^{7}\ \Phi_{36}^{6}\ \Phi_{33}^{4}\ \Phi_{22}^{3}\ \Phi_{18}^{2}\ \Phi_{12}^{6}\ \Phi_{11}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
141364	1812	660	$\frac{3}{55}$	$\frac{14}{165}$	$\frac{13}{55}$	$\frac{1}{4}$	$\Phi_{660}^{4}\ \Phi_{330}^{4}\ \Phi_{220}^{3}\ \Phi_{132}^{4}\ \Phi_{110}^{3}\ \Phi_{66}^{4}\ \Phi_{60}^{4}\ \Phi_{44}^{3}\ \Phi_{30}^{4}\ \Phi_{22}^{3}\ \Phi_{20}^{3}\ \Phi_{12}^{4}\ \Phi_{10}^{3}\ \Phi_{6}^{4}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
141365	1812	620	$\frac{4}{155}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{620}^{4}\ \Phi_{310}^{4}\ \Phi_{124}^{4}\ \Phi_{62}^{4}\ \Phi_{20}\ \Phi_{10}$
141366	1812	1500	$\frac{2}{75}$	$\frac{73}{375}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1500}^{2}\ \Phi_{750}^{2}\ \Phi_{500}^{2}\ \Phi_{250}^{2}\ \Phi_{20}\ \Phi_{10}$
141367	1812	780	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{780}^{3}\ \Phi_{390}^{3}\ \Phi_{260}^{3}\ \Phi_{195}^{3}\ \Phi_{130}^{3}\ \Phi_{65}^{3}\ \Phi_{60}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
141368	1812	180	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}^{4}\ \Phi_{45}^{12}\ \Phi_{36}^{12}\ \Phi_{30}^{8}\ \Phi_{20}^{5}\ \Phi_{18}^{12}\ \Phi_{15}^{8}\ \Phi_{12}^{4}\ \Phi_{10}^{9}\ \Phi_{9}^{12}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{4}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
141369	1812	2500	$\frac{21}{625}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2500}\ \Phi_{1250}\ \Phi_{500}\ \Phi_{250}\ \Phi_{20}\ \Phi_{10}$
141370	1812	700	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{700}^{4}\ \Phi_{350}^{4}\ \Phi_{140}^{4}\ \Phi_{70}^{4}\ \Phi_{28}^{4}\ \Phi_{20}\ \Phi_{14}^{4}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
141371	1812	1260	$\frac{13}{315}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{10}$
141372	1812	2700	$\frac{4}{75}$	$\frac{71}{675}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{900}\ \Phi_{540}\ \Phi_{450}\ \Phi_{270}\ \Phi_{180}\ \Phi_{108}\ \Phi_{90}\ \Phi_{54}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}$
141373	1812	160	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{160}^{12}\ \Phi_{80}^{12}\ \Phi_{40}^{12}\ \Phi_{32}^{12}\ \Phi_{20}^5\ \Phi_{16}^{12}\ \Phi_{10}^9\ \Phi_8^{12}\ \Phi_5^8\ \Phi_4^4\ \Phi_2^8\ \Phi_1^8$
141374	1812	660	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{220}^4\ \Phi_{132}^4\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{22}^4\ \Phi_{20}\ \Phi_{10}$
141375	1812	1300	$\frac{23}{325}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1300}^2\ \Phi_{650}^2\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{20}\ \Phi_{10}$
141376	1812	660	$\frac{14}{165}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{4}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{220}^4\ \Phi_{132}^2\ \Phi_{110}^4\ \Phi_{66}^2\ \Phi_{60}^4\ \Phi_{44}^3\ \Phi_{30}^4\ \Phi_{22}^3\ \Phi_{20}^4\ \Phi_{12}^2\ \Phi_{10}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
141377	1812	2772	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{693}$	$\frac{1}{4}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{252}\ \Phi_{154}\ \Phi_{126}\ \Phi_{84}\ \Phi_{44}\ \Phi_{42}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}$
141378	1812	2496	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{192}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{832}\ \Phi_{416}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
141379	1813	3616	$\frac{5}{1808}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1803}{3616}$	$\Phi_{3616}\ \Phi_{32}\ \Phi_8\ \Phi_1$
141380	1813	516	$\frac{1}{258}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{257}{516}$	$\Phi_{516}\ \Phi_{258}^6\ \Phi_{172}\ \Phi_{129}^6\ \Phi_{86}^6\ \Phi_{43}^6\ \Phi_{12}^2\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
141381	1813	1548	$\frac{1}{258}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{257}{516}$	$\Phi_{1548}^3\ \Phi_{516}\ \Phi_{172}\ \Phi_{36}^3\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
141382	1813	2178	$\frac{2}{363}$	$\frac{365}{2178}$	$\frac{1}{3}$	$\frac{361}{726}$	$\Phi_{2178}\ \Phi_{1089}\ \Phi_{363}\ \Phi_{198}\ \Phi_{121}\ \Phi_{99}\ \Phi_{33}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
141383	1813	3600	$\frac{13}{1800}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1787}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
141384	1813	3600	$\frac{13}{1800}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1787}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}\ \Phi_{15}\ \Phi_5\ \Phi_1$
141385	1813	3600	$\frac{13}{1800}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1787}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
141386	1813	2424	$\frac{5}{606}$	$\frac{1}{6}$	$\frac{611}{2424}$	$\frac{601}{1212}$	$\Phi_{2424}\ \Phi_{808}\ \Phi_{606}\ \Phi_{303}\ \Phi_{202}\ \Phi_{101}\ \Phi_{24}\ \Phi_8\ \Phi_1$
141387	1813	512	$\frac{3}{256}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{253}{512}$	$\Phi_{512}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
141388	1813	1980	$\frac{2}{165}$	$\frac{167}{1980}$	$\frac{1}{3}$	$\frac{163}{330}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{99}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
141389	1813	2040	$\frac{4}{255}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{251}{510}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
141390	1813	3564	$\frac{31}{1782}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1751}{3564}$	$\Phi_{3564}\ \Phi_{1188}\ \Phi_{396}\ \Phi_{324}\ \Phi_{132}\ \Phi_{108}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
141391	1813	312	$\frac{1}{52}$	$\frac{1}{8}$	$\frac{53}{312}$	$\frac{51}{104}$	$\Phi_{312}^7\ \Phi_{156}^7\ \Phi_{104}^4\ \Phi_{78}^7\ \Phi_{52}^3\ \Phi_{39}^7\ \Phi_{26}^3\ \Phi_{24}^7\ \Phi_{13}^3\ \Phi_{12}^7\ \Phi_8^3\ \Phi_6^7\ \Phi_4^2\ \Phi_3^7\ \Phi_2^2\ \Phi_1^3$
141392	1813	288	$\frac{1}{48}$	$\frac{1}{36}$	$\frac{35}{72}$	$\frac{47}{96}$	$\Phi_{288}^{12}\ \Phi_{96}^{13}\ \Phi_{72}\ \Phi_{32}^{13}\ \Phi_{24}\ \Phi_8\ \Phi_1$
141393	1813	1248	$\frac{1}{48}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{1248}^3\ \Phi_{416}^3\ \Phi_{96}\ \Phi_{39}\ \Phi_{32}\ \Phi_{13}\ \Phi_1$
141394	1813	864	$\frac{1}{48}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{47}{96}$	$\Phi_{864}^6\ \Phi_{96}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_1$
141395	1813	480	$\frac{1}{48}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{47}{96}$	$\Phi_{480}^8\ \Phi_{160}^8\ \Phi_{96}^5\ \Phi_{40}\ \Phi_{32}^5\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
141396	1813	96	$\frac{1}{48}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{47}{96}$	$\Phi_{96}^{37}\ \Phi_{48}\ \Phi_{32}^{37}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
141397	1813	1440	$\frac{1}{48}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{47}{96}$	$\Phi_{1440}^3\ \Phi_{480}^3\ \Phi_{160}^3\ \Phi_{96}\ \Phi_{45}\ \Phi_{32}\ \Phi_{15}\ \Phi_5\ \Phi_1$
141398	1813	672	$\frac{1}{48}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{47}{96}$	$\Phi_{672}^6\ \Phi_{224}^6\ \Phi_{96}\ \Phi_{42}\ \Phi_{32}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
141399	1813	1224	$\frac{1}{36}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{1224}^3\ \Phi_{408}^3\ \Phi_{136}^3\ \Phi_{72}\ \Phi_{51}\ \Phi_{24}\ \Phi_{17}\ \Phi_8\ \Phi_1$
141400	1813	72	$\frac{1}{36}$	$\frac{1}{24}$	$\frac{23}{72}$	$\frac{35}{72}$	$\Phi_{72}^{26}\ \Phi_{36}^{25}\ \Phi_{24}^{25}\ \Phi_{18}^{25}\ \Phi_{12}^{24}\ \Phi_9^{25}\ \Phi_8^{25}\ \Phi_6^{24}\ \Phi_4^{24}\ \Phi_3^{24}\ \Phi_2^{24}\ \Phi_1^{25}$
141401	1813	936	$\frac{1}{36}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{936}^4\ \Phi_{312}^4\ \Phi_{104}^4\ \Phi_{72}\ \Phi_{52}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_8\ \Phi_1$
141402	1813	576	$\frac{1}{36}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{35}{72}$	$\Phi_{576}^4\ \Phi_{288}^4\ \Phi_{192}^4\ \Phi_{96}^4\ \Phi_{72}\ \Phi_{64}^5\ \Phi_{32}^5\ \Phi_{24}\ \Phi_8\ \Phi_1$
141403	1813	360	$\frac{1}{36}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{35}{72}$	$\Phi_{360}^{12}\ \Phi_{120}^{12}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}^{12}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
141404	1813	216	$\frac{1}{36}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{35}{72}$	$\Phi_{216}^{18}\ \Phi_{72}^{13}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}^{13}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}^{13}\ \Phi_{1}$
141405	1813	72	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{35}{72}$	$\Phi_{72}^{25}\ \Phi_{36}^{24}\ \Phi_{24}^{25}\ \Phi_{18}^{24}\ \Phi_{12}^{24}\ \Phi_{9}^{24}\ \Phi_{8}^{31}\ \Phi_{6}^{24}\ \Phi_{4}^{30}\ \Phi_{3}^{24}\ \Phi_{2}^{30}\ \Phi_{1}^{31}$
141406	1813	1000	$\frac{9}{250}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{241}{500}$	$\Phi_{1000}^{2}\ \Phi_{500}\ \Phi_{250}^{2}\ \Phi_{200}^{2}\ \Phi_{125}^{2}\ \Phi_{100}\ \Phi_{50}^{2}\ \Phi_{40}^{4}\ \Phi_{25}^{2}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141407	1813	1976	$\frac{12}{247}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{235}{494}$	$\Phi_{1976}\ \Phi_{988}\ \Phi_{247}\ \Phi_{152}\ \Phi_{104}^{2}\ \Phi_{76}\ \Phi_{52}^{2}\ \Phi_{26}\ \Phi_{19}\ \Phi_{13}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
141408	1813	3456	$\frac{85}{1728}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1643}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
141409	1813	40	$\frac{1}{20}$	$\frac{3}{40}$	$\frac{1}{8}$	$\frac{19}{40}$	$\Phi_{40}^{46}\ \Phi_{20}^{45}\ \Phi_{10}^{45}\ \Phi_{8}^{45}\ \Phi_{5}^{45}\ \Phi_{4}^{44}\ \Phi_{2}^{44}\ \Phi_{1}^{45}$
141410	1813	264	$\frac{5}{264}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{264}^{7}\ \Phi_{132}^{7}\ \Phi_{88}^{7}\ \Phi_{66}^{6}\ \Phi_{44}^{7}\ \Phi_{33}^{7}\ \Phi_{24}^{7}\ \Phi_{22}^{6}\ \Phi_{12}^{7}\ \Phi_{11}^{7}\ \Phi_{8}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{7}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
141411	1813	480	$\frac{1}{20}$	$\frac{19}{240}$	$\frac{1}{8}$	$\frac{221}{480}$	$\Phi_{480}^{7}\ \Phi_{160}^{7}\ \Phi_{96}^{7}\ \Phi_{40}^{4}\ \Phi_{32}^{7}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141412	1813	2400	$\frac{13}{600}$	$\frac{1}{12}$	$\frac{587}{2400}$	$\frac{11}{24}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
141413	1813	1872	$\frac{59}{1872}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
141414	1813	2160	$\frac{13}{360}$	$\frac{1}{12}$	$\frac{347}{2160}$	$\frac{11}{24}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
141415	1813	1920	$\frac{107}{1920}$	$\frac{1}{12}$	$\frac{13}{120}$	$\frac{11}{24}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
141416	1813	1710	$\frac{1}{38}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{342}\ \Phi_{285}\ \Phi_{190}^{2}\ \Phi_{171}\ \Phi_{114}\ \Phi_{95}^{2}\ \Phi_{57}\ \Phi_{45}\ \Phi_{38}\ \Phi_{19}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
141417	1813	3300	$\frac{2}{165}$	$\frac{163}{1650}$	$\frac{1}{3}$	$\frac{1487}{3300}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{300}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{100}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
141418	1813	1140	$\frac{1}{38}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{1140}^{2}\ \Phi_{570}^{2}\ \Phi_{285}^{2}\ \Phi_{228}^{2}\ \Phi_{190}^{2}\ \Phi_{114}^{2}\ \Phi_{95}^{2}\ \Phi_{60}\ \Phi_{57}^{2}\ \Phi_{38}\ \Phi_{30}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
141419	1813	936	$\frac{1}{26}$	$\frac{25}{234}$	$\frac{1}{8}$	$\frac{209}{468}$	$\Phi_{936}^{2}\ \Phi_{468}\ \Phi_{312}^{2}\ \Phi_{234}^{2}\ \Phi_{156}\ \Phi_{117}^{2}\ \Phi_{104}^{4}\ \Phi_{78}^{2}\ \Phi_{72}^{2}\ \Phi_{52}^{3}\ \Phi_{39}^{2}\ \Phi_{36}\ \Phi_{26}^{3}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{13}^{3}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141420	1813	1920	$\frac{107}{1920}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{85}{192}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
141421	1813	1830	$\frac{17}{1830}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1830}\ \Phi_{915}\ \Phi_{610}\ \Phi_{366}\ \Phi_{305}\ \Phi_{183}\ \Phi_{122}\ \Phi_{61}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
141422	1813	456	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{31}{228}$	$\frac{197}{456}$	$\Phi_{456}^{7}\ \Phi_{228}\ \Phi_{152}^{7}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{24}^{7}\ \Phi_{19}\ \Phi_{8}^{7}\ \Phi_{1}$
141423	1813	1044	$\frac{2}{261}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{1044}^{3}\ \Phi_{348}^{3}\ \Phi_{261}\ \Phi_{116}^{3}\ \Phi_{87}\ \Phi_{36}^{3}\ \Phi_{29}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
141424	1813	1548	$\frac{1}{129}$	$\frac{1}{6}$	$\frac{128}{387}$	$\frac{5}{12}$	$\Phi_{1548}^{3}\ \Phi_{387}\ \Phi_{36}^{3}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
141425	1813	1032	$\frac{1}{86}$	$\frac{1}{6}$	$\frac{85}{344}$	$\frac{5}{12}$	$\Phi_{1032}^{2}\ \Phi_{344}^{3}\ \Phi_{258}^{2}\ \Phi_{172}\ \Phi_{129}^{2}\ \Phi_{86}^{2}\ \Phi_{43}^{2}\ \Phi_{24}^{2}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141426	1813	264	$\frac{5}{264}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{264}^{7}\ \Phi_{132}^{7}\ \Phi_{88}^{7}\ \Phi_{66}^{7}\ \Phi_{44}^{7}\ \Phi_{33}^{7}\ \Phi_{24}^{7}\ \Phi_{22}^{7}\ \Phi_{12}^{2}\ \Phi_{11}^{7}\ \Phi_{8}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
141427	1813	516	$\frac{1}{43}$	$\frac{6}{43}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{516}^{6}\ \Phi_{172}^{6}\ \Phi_{43}^{6}\ \Phi_{12}^{7}\ \Phi_{4}^{7}\ \Phi_{1}^{7}$
141428	1813	456	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{456}^{4}\ \Phi_{228}^{2}\ \Phi_{152}^{6}\ \Phi_{114}^{4}\ \Phi_{76}^{4}\ \Phi_{57}^{4}\ \Phi_{38}^{5}\ \Phi_{24}^{2}\ \Phi_{19}^{5}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141429	1813	1520	$\frac{1}{38}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{1520}^{2}\ \Phi_{304}^{2}\ \Phi_{190}^{2}\ \Phi_{95}^{2}\ \Phi_{80}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
141430	1813	416	$\frac{1}{52}$	$\frac{1}{8}$	$\frac{51}{208}$	$\frac{157}{416}$	$\Phi_{416}^{7}\ \Phi_{104}^{4}\ \Phi_{52}^{3}\ \Phi_{32}^{7}\ \Phi_{26}^{3}\ \Phi_{13}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141431	1813	2904	$\frac{2}{363}$	$\frac{361}{1452}$	$\frac{1}{3}$	$\frac{1091}{2904}$	$\Phi_{2904}\ \Phi_{968}\ \Phi_{363}\ \Phi_{264}\ \Phi_{121}\ \Phi_{88}\ \Phi_{33}\ \Phi_{24}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
141432	1813	2712	$\frac{5}{904}$	$\frac{1}{4}$	$\frac{899}{2712}$	$\frac{3}{8}$	$\Phi_{2712}\ \Phi_{1356}\ \Phi_{678}\ \Phi_{339}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
141433	1813	1824	$\frac{11}{1824}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{96}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{32}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
141434	1813	264	$\frac{5}{264}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^{7}\ \Phi_{132}^{7}\ \Phi_{88}^{7}\ \Phi_{66}^{7}\ \Phi_{44}^{7}\ \Phi_{33}^{7}\ \Phi_{24}^{7}\ \Phi_{22}^{7}\ \Phi_{12}^{7}\ \Phi_{11}^{7}\ \Phi_{8}^{3}\ \Phi_{6}^{7}\ \Phi_{4}^{2}\ \Phi_{3}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
141435	1813	1836	$\frac{23}{1836}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{108}\ \Phi_{102}\ \Phi_{68}\ \Phi_{54}\ \Phi_{51}\ \Phi_{34}\ \Phi_{27}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
141436	1813	2736	$\frac{11}{456}$	$\frac{1}{12}$	$\frac{445}{1368}$	$\frac{923}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{144}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
141437	1813	1560	$\frac{1}{65}$	$\frac{1}{8}$	$\frac{64}{195}$	$\frac{131}{390}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}^2\ \Phi_{312}\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}^2\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{40}^2\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
141438	1813	261	$\frac{2}{261}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{261}^7\ \Phi_{87}^7\ \Phi_{29}^7\ \Phi_{9}^5\ \Phi_{3}^6\ \Phi_{1}^7$
141439	1813	663	$\frac{2}{51}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{663}^3\ \Phi_{221}^3\ \Phi_{51}\ \Phi_{39}\ \Phi_{17}\ \Phi_{13}\ \Phi_{1}$
141440	1813	387	$\frac{1}{129}$	$\frac{2}{9}$	$\frac{128}{387}$	$\frac{1}{3}$	$\Phi_{387}^4\ \Phi_{129}^6\ \Phi_{43}^6\ \Phi_{9}^5\ \Phi_{3}^6\ \Phi_{1}^7$
141441	1813	2700	$\frac{13}{900}$	$\frac{2}{15}$	$\frac{887}{2700}$	$\frac{1}{3}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
141442	1813	2673	$\frac{31}{891}$	$\frac{2}{33}$	$\frac{860}{2673}$	$\frac{1}{3}$	$\Phi_{2673}\ \Phi_{243}\ \Phi_{33}\ \Phi_{11}\ \Phi_{1}$
141443	1813	936	$\frac{1}{24}$	$\frac{2}{39}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{936}^3\ \Phi_{468}^3\ \Phi_{234}^3\ \Phi_{117}^3\ \Phi_{72}\ \Phi_{39}\ \Phi_{36}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
141444	1813	918	$\frac{2}{51}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{918}^3\ \Phi_{459}^3\ \Phi_{54}\ \Phi_{51}\ \Phi_{27}\ \Phi_{17}\ \Phi_{1}$
141445	1813	1881	$\frac{68}{1881}$	$\frac{2}{33}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{209}\ \Phi_{171}\ \Phi_{57}\ \Phi_{33}\ \Phi_{19}\ \Phi_{11}\ \Phi_{1}$
141446	1813	1845	$\frac{32}{1845}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{369}\ \Phi_{205}\ \Phi_{123}\ \Phi_{41}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
141447	1813	363	$\frac{2}{121}$	$\frac{17}{121}$	$\frac{104}{363}$	$\frac{1}{3}$	$\Phi_{363}^4\ \Phi_{121}^7\ \Phi_{33}^4\ \Phi_{11}^7\ \Phi_{3}^3\ \Phi_{1}^7$
141448	1813	2475	$\frac{2}{165}$	$\frac{163}{825}$	$\frac{662}{2475}$	$\frac{1}{3}$	$\Phi_{2475}\ \Phi_{495}\ \Phi_{225}\ \Phi_{165}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
141449	1813	2040	$\frac{2}{51}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{51}\ \Phi_{40}\ \Phi_{20}\ \Phi_{17}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
141450	1813	156	$\frac{2}{39}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{156}^{11}\ \Phi_{78}^{11}\ \Phi_{52}^{12}\ \Phi_{39}^{12}\ \Phi_{26}^{12}\ \Phi_{13}^{13}\ \Phi_{12}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
141451	1813	3096	$\frac{1}{86}$	$\frac{2}{9}$	$\frac{85}{344}$	$\frac{1}{3}$	$\Phi_{3096}\ \Phi_{1548}\ \Phi_{344}\ \Phi_{172}\ \Phi_{72}\ \Phi_{36}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
141452	1813	2400	$\frac{13}{600}$	$\frac{2}{15}$	$\frac{587}{2400}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
141453	1813	2376	$\frac{31}{594}$	$\frac{2}{33}$	$\frac{563}{2376}$	$\frac{1}{3}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{216}\ \Phi_{132}\ \Phi_{108}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
141454	1813	2496	$\frac{2}{39}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{832}\ \Phi_{416}\ \Phi_{64}\ \Phi_{39}\ \Phi_{32}\ \Phi_{13}\ \Phi_{1}$
141455	1813	816	$\frac{2}{51}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{816}^3\ \Phi_{408}^3\ \Phi_{272}^3\ \Phi_{136}^3\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_{17}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
141456	1813	792	$\frac{5}{264}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{792}^3\ \Phi_{396}^3\ \Phi_{264}\ \Phi_{198}^3\ \Phi_{132}\ \Phi_{99}^3\ \Phi_{88}\ \Phi_{72}^3\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}^3\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
141457	1813	387	$\frac{1}{43}$	$\frac{6}{43}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{387}^6\ \Phi_{43}^6\ \Phi_{9}^7\ \Phi_{1}^7$
141458	1813	1368	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1368}^2\ \Phi_{684}^2\ \Phi_{342}\ \Phi_{171}\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{72}\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
141459	1813	1860	$\frac{47}{1860}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{465}\ \Phi_{372}\ \Phi_{310}\ \Phi_{186}\ \Phi_{155}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
141460	1813	2250	$\frac{13}{450}$	$\frac{2}{15}$	$\frac{437}{2250}$	$\frac{1}{3}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{750}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
141461	1813	780	$\frac{2}{39}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{260}^3\ \Phi_{195}^3\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
141462	1813	765	$\frac{2}{51}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{765}^3\ \Phi_{255}^3\ \Phi_{85}^3\ \Phi_{51}\ \Phi_{45}\ \Phi_{17}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
141463	1813	1875	$\frac{62}{1875}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{1875}\ \Phi_{625}\ \Phi_{375}\ \Phi_{125}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
141464	1813	714	$\frac{2}{51}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{714}^3\ \Phi_{357}^3\ \Phi_{238}^3\ \Phi_{119}^3\ \Phi_{51}\ \Phi_{42}\ \Phi_{21}\ \Phi_{17}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
141465	1813	702	$\frac{2}{39}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{702}^3\ \Phi_{351}^3\ \Phi_{234}^3\ \Phi_{117}^3\ \Phi_{54}\ \Phi_{39}\ \Phi_{27}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
141466	1813	2160	$\frac{13}{360}$	$\frac{2}{15}$	$\frac{347}{2160}$	$\frac{1}{3}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
141467	1813	1980	$\frac{2}{33}$	$\frac{167}{1980}$	$\frac{31}{198}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
141468	1813	270	$\frac{11}{270}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{270}^{7}\ \Phi_{135}^{7}\ \Phi_{90}^{6}\ \Phi_{54}^{7}\ \Phi_{45}^{6}\ \Phi_{30}^{6}\ \Phi_{27}^{7}\ \Phi_{18}^{6}\ \Phi_{15}^{7}\ \Phi_{10}^{6}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
141469	1813	300	$\frac{13}{300}$	$\frac{2}{15}$	$\frac{41}{300}$	$\frac{1}{3}$	$\Phi_{300}^{6}\ \Phi_{150}^{6}\ \Phi_{100}^{6}\ \Phi_{75}^{6}\ \Phi_{60}^{6}\ \Phi_{50}^{6}\ \Phi_{30}^{6}\ \Phi_{25}^{6}\ \Phi_{20}^{6}\ \Phi_{15}^{7}\ \Phi_{12}^{6}\ \Phi_{10}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
141470	1813	1920	$\frac{107}{1920}$	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
141471	1813	2025	$\frac{13}{225}$	$\frac{212}{2025}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{405}\ \Phi_{135}\ \Phi_{81}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
141472	1813	1950	$\frac{137}{1950}$	$\frac{13}{150}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{390}\ \Phi_{325}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}$
141473	1813	1980	$\frac{13}{180}$	$\frac{167}{1980}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}$
141474	1813	297	$\frac{2}{33}$	$\frac{31}{297}$	$\frac{38}{297}$	$\frac{1}{3}$	$\Phi_{297}^{6}\ \Phi_{99}^{6}\ \Phi_{33}^{7}\ \Phi_{27}^{6}\ \Phi_{11}^{7}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
141475	1813	312	$\frac{2}{39}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{312}^{6}\ \Phi_{156}^{6}\ \Phi_{104}^{6}\ \Phi_{78}^{6}\ \Phi_{52}^{6}\ \Phi_{39}^{7}\ \Phi_{26}^{6}\ \Phi_{13}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
141476	1813	2700	$\frac{13}{900}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{887}{2700}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
141477	1813	384	$\frac{3}{128}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{125}{384}$	$\Phi_{384}^{7}\ \Phi_{192}^{7}\ \Phi_{96}^{7}\ \Phi_{48}^{7}\ \Phi_{24}^{7}\ \Phi_{12}^{7}\ \Phi_{8}^{3}\ \Phi_{6}^{7}\ \Phi_{4}^{2}\ \Phi_{3}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141478	1813	312	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{53}{312}$	$\frac{25}{78}$	$\Phi_{312}^{5}\ \Phi_{156}^{5}\ \Phi_{104}^{7}\ \Phi_{78}^{6}\ \Phi_{52}^{7}\ \Phi_{39}^{6}\ \Phi_{26}^{7}\ \Phi_{24}^{5}\ \Phi_{13}^{7}\ \Phi_{12}^{5}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
141479	1813	216	$\frac{1}{24}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{23}{72}$	$\Phi_{216}^{12}\ \Phi_{108}^{12}\ \Phi_{72}\ \Phi_{54}^{13}\ \Phi_{36}\ \Phi_{27}^{13}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
141480	1813	360	$\frac{1}{24}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{23}{72}$	$\Phi_{360}^{8}\ \Phi_{180}^{8}\ \Phi_{90}^{8}\ \Phi_{72}^{5}\ \Phi_{45}^{8}\ \Phi_{40}\ \Phi_{36}^{5}\ \Phi_{20}\ \Phi_{18}^{5}\ \Phi_{10}\ \Phi_{9}^{5}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
141481	1813	144	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{23}{72}$	$\Phi_{144}^{24}\ \Phi_{72}^{13}\ \Phi_{48}\ \Phi_{36}^{13}\ \Phi_{24}\ \Phi_{18}^{13}\ \Phi_{16}\ \Phi_{9}^{13}\ \Phi_{8}\ \Phi_{1}$
141482	1813	360	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{23}{72}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{6}\ \Phi_{90}^{6}\ \Phi_{72}\ \Phi_{60}^{6}\ \Phi_{45}^{7}\ \Phi_{40}^{6}\ \Phi_{36}\ \Phi_{30}^{6}\ \Phi_{20}^{6}\ \Phi_{18}\ \Phi_{15}^{7}\ \Phi_{10}^{6}\ \Phi_{9}\ \Phi_{5}^{7}\ \Phi_{1}$
141483	1813	504	$\frac{1}{24}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{23}{72}$	$\Phi_{504}^{6}\ \Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{72}\ \Phi_{63}^{6}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
141484	1813	600	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{41}{300}$	$\frac{19}{60}$	$\Phi_{600}^{4}\ \Phi_{300}^{3}\ \Phi_{200}^{4}\ \Phi_{150}^{3}\ \Phi_{100}^{3}\ \Phi_{75}^{3}\ \Phi_{50}^{3}\ \Phi_{40}^{4}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141485	1813	1404	$\frac{1}{18}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{1404}^{2}\ \Phi_{702}^{2}\ \Phi_{351}^{2}\ \Phi_{54}\ \Phi_{52}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
141486	1813	1728	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{17}{54}$	$\Phi_{1728}^{2}\ \Phi_{864}^{2}\ \Phi_{64}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{1}$
141487	1813	540	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{17}{54}$	$\Phi_{540}^{6}\ \Phi_{270}^{6}\ \Phi_{135}^{6}\ \Phi_{60}\ \Phi_{54}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
141488	1813	54	$\frac{1}{18}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{17}{54}$	$\Phi_{54}^{32}\ \Phi_{27}^{32}\ \Phi_{18}^{37}\ \Phi_{9}^{37}\ \Phi_{6}^{36}\ \Phi_{3}^{36}\ \Phi_{2}^{36}\ \Phi_{1}^{37}$
141489	1813	216	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{17}{54}$	$\Phi_{216}^{12}\ \Phi_{108}^{12}\ \Phi_{54}^{13}\ \Phi_{27}^{13}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
141490	1813	2592	$\frac{1}{12}$	$\frac{85}{864}$	$\frac{11}{96}$	$\frac{779}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{96}\ \Phi_{81}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
141491	1813	288	$\frac{1}{12}$	$\frac{29}{288}$	$\frac{11}{96}$	$\frac{85}{288}$	$\Phi_{288}^{6}\ \Phi_{144}^{6}\ \Phi_{96}^{7}\ \Phi_{72}^{6}\ \Phi_{48}^{7}\ \Phi_{36}^{6}\ \Phi_{32}^{7}\ \Phi_{24}^{7}\ \Phi_{18}^{6}\ \Phi_{16}^{7}\ \Phi_{12}^{6}\ \Phi_{9}^{6}\ \Phi_{8}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
141492	1813	360	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{19}{120}$	$\frac{101}{360}$	$\Phi_{360}^{7}\ \Phi_{180}^{7}\ \Phi_{90}^{7}\ \Phi_{72}^{7}\ \Phi_{45}^{7}\ \Phi_{40}^{4}\ \Phi_{36}^{7}\ \Phi_{20}^{3}\ \Phi_{18}^{7}\ \Phi_{10}^{3}\ \Phi_{9}^{7}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141493	1813	2250	$\frac{13}{450}$	$\frac{1}{6}$	$\frac{437}{2250}$	$\frac{5}{18}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{750}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
141494	1813	1872	$\frac{59}{1872}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{18}\ \Phi_{16}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
141495	1813	2160	$\frac{13}{360}$	$\frac{347}{2160}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
141496	1813	270	$\frac{11}{270}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{270}^{7}\ \Phi_{135}^{7}\ \Phi_{90}^{6}\ \Phi_{54}^{7}\ \Phi_{45}^{6}\ \Phi_{30}^{6}\ \Phi_{27}^{7}\ \Phi_{18}^{7}\ \Phi_{15}^{6}\ \Phi_{10}^{6}\ \Phi_{9}^{7}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
141497	1813	1980	$\frac{13}{180}$	$\frac{167}{1980}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
141498	1813	1140	$\frac{1}{38}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1140}^{2}\ \Phi_{570}\ \Phi_{380}^{2}\ \Phi_{285}\ \Phi_{228}^{2}\ \Phi_{190}^{2}\ \Phi_{114}\ \Phi_{95}^{2}\ \Phi_{76}^{2}\ \Phi_{60}\ \Phi_{57}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
141499	1813	1080	$\frac{11}{270}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}^2\ \Phi_{90}\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
141500	1813	520	$\frac{3}{52}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{520}^4\ \Phi_{260}^4\ \Phi_{130}^4\ \Phi_{104}^4\ \Phi_{65}^4\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
141501	1813	320	$\frac{1}{16}$	$\frac{3}{40}$	$\frac{15}{64}$	$\frac{1}{4}$	$\Phi_{320}^8\ \Phi_{160}^8\ \Phi_{64}^5\ \Phi_{40}\ \Phi_{32}^5\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
141502	1813	624	$\frac{3}{52}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{624}^4\ \Phi_{312}^4\ \Phi_{208}^4\ \Phi_{104}^4\ \Phi_{52}\ \Phi_{48}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_1$
141503	1813	320	$\frac{3}{64}$	$\frac{1}{8}$	$\frac{61}{320}$	$\frac{1}{4}$	$\Phi_{320}^7\ \Phi_{160}^7\ \Phi_{80}^7\ \Phi_{40}^7\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_8^3\ \Phi_5^7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
141504	1813	272	$\frac{13}{272}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{272}^7\ \Phi_{136}^7\ \Phi_{68}^7\ \Phi_{34}^7\ \Phi_{17}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
141505	1813	120	$\frac{3}{40}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{4}$	$\Phi_{120}^{16}\ \Phi_{60}^{13}\ \Phi_{40}^{17}\ \Phi_{30}^{13}\ \Phi_{24}^{16}\ \Phi_{20}^{14}\ \Phi_{15}^{13}\ \Phi_{12}^{16}\ \Phi_{10}^{14}\ \Phi_8^{17}\ \Phi_6^{16}\ \Phi_5^{14}\ \Phi_4^{16}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
141506	1813	2340	$\frac{3}{52}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}\ \Phi_{45}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_5\ \Phi_1$
141507	1813	1092	$\frac{3}{52}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{52}\ \Phi_{42}\ \Phi_{26}\ \Phi_{21}\ \Phi_{14}\ \Phi_{13}\ \Phi_7\ \Phi_1$
141508	1813	1080	$\frac{3}{40}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{54}\ \Phi_{45}^2\ \Phi_{40}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
141509	1813	40	$\frac{3}{40}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{40}^{49}\ \Phi_{20}^{49}\ \Phi_{10}^{49}\ \Phi_8^{31}\ \Phi_5^{49}\ \Phi_4^{30}\ \Phi_2^{30}\ \Phi_1^{31}$
141510	1813	288	$\frac{3}{32}$	$\frac{29}{288}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}^7\ \Phi_{72}^7\ \Phi_{48}^7\ \Phi_{36}^7\ \Phi_{24}^7\ \Phi_{18}^7\ \Phi_{12}^7\ \Phi_9^7\ \Phi_8^3\ \Phi_6^7\ \Phi_4^2\ \Phi_3^7\ \Phi_2^2\ \Phi_1^3$
141511	1813	680	$\frac{4}{85}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{81}{340}$	$\Phi_{680}^3\ \Phi_{340}^2\ \Phi_{170}^2\ \Phi_{136}^3\ \Phi_{85}^3\ \Phi_{68}^2\ \Phi_{40}^4\ \Phi_{34}^2\ \Phi_{20}^3\ \Phi_{17}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
141512	1813	320	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{61}{320}$	$\frac{19}{80}$	$\Phi_{320}^7\ \Phi_{160}^7\ \Phi_{64}^7\ \Phi_{40}^4\ \Phi_{32}^7\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
141513	1813	192	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{15}{64}$	$\Phi_{192}^{12}\ \Phi_{96}^{12}\ \Phi_{64}^{13}\ \Phi_{48}\ \Phi_{32}^{13}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
141514	1813	2880	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{15}{64}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{160}\ \Phi_{64}\ \Phi_{45}\ \Phi_{32}\ \Phi_{15}\ \Phi_5\ \Phi_1$
141515	1813	1344	$\frac{1}{16}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{15}{64}$	$\Phi_{1344}^2\ \Phi_{672}^2\ \Phi_{448}^2\ \Phi_{224}^2\ \Phi_{64}\ \Phi_{42}\ \Phi_{32}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
141516	1813	240	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{11}{48}$	$\Phi_{240}^{12}\ \Phi_{120}^{12}\ \Phi_{80}^{12}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}^{12}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
141517	1813	432	$\frac{1}{12}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{11}{48}$	$\Phi_{432}^6\ \Phi_{216}^6\ \Phi_{144}^6\ \Phi_{72}^6\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
141518	1813	48	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{11}{48}$	$\Phi_{48}^{49}\ \Phi_{24}^{25}\ \Phi_{16}^{49}\ \Phi_{12}^{24}\ \Phi_8^{31}\ \Phi_6^{24}\ \Phi_4^{30}\ \Phi_3^{24}\ \Phi_2^{30}\ \Phi_1^{31}$
141519	1813	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{2}{9}$	$\Phi_{45}^{40}\ \Phi_{15}^{39}\ \Phi_9^{43}\ \Phi_5^{39}\ \Phi_3^{42}\ \Phi_1^{43}$
141520	1813	2304	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{85}{576}$	$\frac{491}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
141521	1813	180	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{11}{60}$	$\Phi_{180}^9\ \Phi_{90}^9\ \Phi_{60}^{10}\ \Phi_{45}^{10}\ \Phi_{36}^{12}\ \Phi_{30}^{10}\ \Phi_{20}^{10}\ \Phi_{18}^{12}\ \Phi_{15}^{11}\ \Phi_{12}^{12}\ \Phi_{10}^{10}\ \Phi_9^{12}\ \Phi_6^{12}\ \Phi_5^{11}\ \Phi_4^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
141522	1813	420	$\frac{1}{12}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{11}{60}$	$\Phi_{420}^6\ \Phi_{210}^6\ \Phi_{140}^6\ \Phi_{105}^6\ \Phi_{70}^6\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}^6\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
141523	1813	600	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{41}{300}$	$\frac{9}{50}$	$\Phi_{600}^4\ \Phi_{300}^3\ \Phi_{200}^2\ \Phi_{150}^3\ \Phi_{120}^4\ \Phi_{100}\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^2\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
141524	1813	270	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{45}$	$\Phi_{270}^9\ \Phi_{135}^9\ \Phi_{90}^6\ \Phi_{54}\ \Phi_{45}^7\ \Phi_{30}^6\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_9\ \Phi_5^7\ \Phi_1$
141525	1813	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{8}{45}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^6\ \Phi_{90}^6\ \Phi_{60}^6\ \Phi_{45}^7\ \Phi_{40}^6\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_8^6\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
141526	1813	378	$\frac{5}{54}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{378}^6\ \Phi_{189}^6\ \Phi_{126}^6\ \Phi_{63}^6\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
141527	1813	168	$\frac{5}{42}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{6}$	$\Phi_{168}^{12}\ \Phi_{84}^{12}\ \Phi_{56}^{12}\ \Phi_{42}^{13}\ \Phi_{28}^{12}\ \Phi_{21}^{13}\ \Phi_{14}^{13}\ \Phi_8^6\ \Phi_7^{13}\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
141528	1814	5424	$\frac{3}{904}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{901}{1808}$	$\Phi_{5424}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
141529	1814	1554	$\frac{1}{259}$	$\frac{130}{777}$	$\frac{647}{1554}$	$\frac{129}{259}$	$\Phi_{1554}^2\ \Phi_{518}^2\ \Phi_{259}\ \Phi_{222}^2\ \Phi_{74}^2\ \Phi_{42}^2\ \Phi_{37}\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
141530	1814	1806	$\frac{4}{903}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{899}{1806}$	$\Phi_{1806}^2\ \Phi_{602}^2\ \Phi_{258}^2\ \Phi_{86}^2\ \Phi_{42}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
141531	1814	1792	$\frac{11}{896}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{885}{1792}$	$\Phi_{1792}^2\ \Phi_{256}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
141532	1814	1785	$\frac{29}{1785}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{878}{1785}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}\ \Phi_{85}\ \Phi_{51}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{17}\ \Phi_{15}\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
141533	1814	1092	$\frac{3}{182}$	$\frac{1}{7}$	$\frac{185}{1092}$	$\frac{179}{364}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{156}^2\ \Phi_{91}^2\ \Phi_{84}^2\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
141534	1814	1764	$\frac{1}{49}$	$\frac{25}{882}$	$\frac{857}{1764}$	$\frac{24}{49}$	$\Phi_{1764}^2\ \Phi_{588}^2\ \Phi_{252}^2\ \Phi_{196}^2\ \Phi_{84}^2\ \Phi_{49}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
141535	1814	1323	$\frac{1}{49}$	$\frac{25}{441}$	$\frac{416}{1323}$	$\frac{24}{49}$	$\Phi_{1323}^2\ \Phi_{189}^2\ \Phi_{49}\ \Phi_{27}^2\ \Phi_7\ \Phi_1^2$
141536	1814	980	$\frac{1}{49}$	$\frac{73}{980}$	$\frac{25}{98}$	$\frac{24}{49}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{245}^2\ \Phi_{196}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{49}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
141537	1814	1176	$\frac{1}{49}$	$\frac{25}{294}$	$\frac{269}{1176}$	$\frac{24}{49}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{392}^2\ \Phi_{196}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{49}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
141538	1814	1029	$\frac{1}{49}$	$\frac{122}{1029}$	$\frac{25}{147}$	$\frac{24}{49}$	$\Phi_{1029}^2\ \Phi_{343}^2\ \Phi_{49}\ \Phi_7\ \Phi_1^2$
141539	1814	1776	$\frac{19}{888}$	$\frac{1}{37}$	$\frac{18}{37}$	$\frac{869}{1776}$	$\Phi_{1776}^2\ \Phi_{592}^2\ \Phi_{48}^2\ \Phi_{37}\ \Phi_{16}^2\ \Phi_1^2$
141540	1814	1332	$\frac{1}{37}$	$\frac{19}{444}$	$\frac{425}{1332}$	$\frac{18}{37}$	$\Phi_{1332}^2\ \Phi_{666}^2\ \Phi_{333}^2\ \Phi_{37}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
141541	1814	962	$\frac{1}{37}$	$\frac{55}{962}$	$\frac{19}{74}$	$\frac{18}{37}$	$\Phi_{962}^2\ \Phi_{481}^2\ \Phi_{37}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_1^2$
141542	1814	1184	$\frac{1}{37}$	$\frac{19}{296}$	$\frac{277}{1184}$	$\frac{18}{37}$	$\Phi_{1184}^2\ \Phi_{592}^2\ \Phi_{37}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_1^2$
141543	1814	1110	$\frac{1}{37}$	$\frac{19}{222}$	$\frac{203}{1110}$	$\frac{18}{37}$	$\Phi_{1110}^2\ \Phi_{555}^2\ \Phi_{370}^2\ \Phi_{185}^2\ \Phi_{37}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
141544	1814	999	$\frac{1}{37}$	$\frac{92}{999}$	$\frac{19}{111}$	$\frac{18}{37}$	$\Phi_{999}^2\ \Phi_{333}^2\ \Phi_{37}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_1^2$
141545	1814	1036	$\frac{1}{37}$	$\frac{129}{1036}$	$\frac{19}{148}$	$\frac{18}{37}$	$\Phi_{1036}^2\ \Phi_{518}^2\ \Phi_{259}^2\ \Phi_{37}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
141546	1814	1750	$\frac{32}{875}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{843}{1750}$	$\Phi_{1750}^2\ \Phi_{350}^2\ \Phi_{250}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{35}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
141547	1814	980	$\frac{3}{70}$	$\frac{73}{980}$	$\frac{1}{7}$	$\frac{67}{140}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{245}^2\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
141548	1814	1729	$\frac{85}{1729}$	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{822}{1729}$	$\Phi_{1729}\ \Phi_{247}\ \Phi_{133}\ \Phi_{91}^2\ \Phi_{19}\ \Phi_{13}^2\ \Phi_7\ \Phi_1^2$
141549	1814	1680	$\frac{3}{70}$	$\frac{67}{840}$	$\frac{1}{7}$	$\frac{773}{1680}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{48}^2\ \Phi_{35}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
141550	1814	1665	$\frac{1}{37}$	$\frac{149}{1665}$	$\frac{36}{185}$	$\frac{758}{1665}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{333}\ \Phi_{185}^2\ \Phi_{111}\ \Phi_{45}\ \Phi_{37}\ \Phi_{15}\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
141551	1814	1110	$\frac{1}{37}$	$\frac{18}{185}$	$\frac{203}{1110}$	$\frac{167}{370}$	$\Phi_{1110}^2\ \Phi_{555}^2\ \Phi_{222}^2\ \Phi_{185}^2\ \Phi_{111}^2\ \Phi_{37}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
141552	1814	1638	$\frac{3}{91}$	$\frac{88}{819}$	$\frac{1}{7}$	$\frac{731}{1638}$	$\Phi_{1638}^2\ \Phi_{546}^2\ \Phi_{234}^2\ \Phi_{182}^2\ \Phi_{126}^2\ \Phi_{91}^2\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
141553	1814	1204	$\frac{4}{301}$	$\frac{1}{7}$	$\frac{297}{1204}$	$\frac{3}{7}$	$\Phi_{1204}^2\ \Phi_{602}^2\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
141554	1814	924	$\frac{17}{924}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
141555	1814	924	$\frac{17}{924}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
141556	1814	1480	$\frac{1}{37}$	$\frac{18}{185}$	$\frac{167}{740}$	$\frac{573}{1480}$	$\Phi_{1480}^2\ \Phi_{296}^2\ \Phi_{185}^2\ \Phi_{40}^2\ \Phi_{37}\ \Phi_8^2\ \Phi_5^2\ \Phi_1^2$
141557	1814	1456	$\frac{3}{182}$	$\frac{1}{7}$	$\frac{179}{728}$	$\frac{549}{1456}$	$\Phi_{1456}^2\ \Phi_{208}^2\ \Phi_{182}^2\ \Phi_{112}^2\ \Phi_{91}^2\ \Phi_{26}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
141558	1814	912	$\frac{5}{912}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{48}^2\ \Phi_{38}^2\ \Phi_{24}\ \Phi_{19}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141559	1814	1365	$\frac{6}{455}$	$\frac{1}{7}$	$\frac{449}{1365}$	$\frac{458}{1365}$	$\Phi_{1365}\ \Phi_{455}^2\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}^2\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{13}^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
141560	1814	1362	$\frac{1}{227}$	$\frac{226}{681}$	$\frac{1}{3}$	$\frac{455}{1362}$	$\Phi_{1362}^2\ \Phi_{681}\ \Phi_{454}^2\ \Phi_6^2\ \Phi_2^2$
141561	1814	1356	$\frac{3}{452}$	$\frac{1}{4}$	$\frac{449}{1356}$	$\frac{1}{3}$	$\Phi_{1356}\ \Phi_{678}\ \Phi_{452}^2\ \Phi_{339}\ \Phi_{226}^2\ \Phi_{113}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141562	1814	1344	$\frac{11}{448}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{437}{1344}$	$\Phi_{1344}^2\ \Phi_{672}^2\ \Phi_{336}^2\ \Phi_{192}^2\ \Phi_{168}^2\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
141563	1814	1092	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{185}{1092}$	$\frac{88}{273}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{156}^2\ \Phi_{91}^2\ \Phi_{84}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
141564	1814	1050	$\frac{3}{70}$	$\frac{143}{1050}$	$\frac{1}{7}$	$\frac{67}{210}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
141565	1814	1260	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{67}{420}$	$\frac{353}{1260}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{35}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
141566	1814	945	$\frac{38}{945}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_9^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
141567	1814	1110	$\frac{1}{37}$	$\frac{203}{1110}$	$\frac{36}{185}$	$\frac{149}{555}$	$\Phi_{1110}^2\ \Phi_{555}\ \Phi_{370}^2\ \Phi_{222}^2\ \Phi_{185}^2\ \Phi_{111}\ \Phi_{74}^2\ \Phi_{37}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141568	1814	1120	$\frac{3}{70}$	$\frac{1}{7}$	$\frac{213}{1120}$	$\frac{67}{280}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{224}^2\ \Phi_{160}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
141569	1814	1190	$\frac{29}{595}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{283}{1190}$	$\Phi_{1190}^2\ \Phi_{595}\ \Phi_{238}^2\ \Phi_{170}^2\ \Phi_{119}\ \Phi_{85}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{34}^2\ \Phi_{17}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
141570	1814	952	$\frac{45}{952}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{952}^2\ \Phi_{476}^2\ \Phi_{238}^2\ \Phi_{136}^2\ \Phi_{119}^2\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
141571	1814	1120	$\frac{11}{224}$	$\frac{1}{7}$	$\frac{213}{1120}$	$\frac{3}{14}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{280}^2\ \Phi_{160}^2\ \Phi_{140}^2\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
141572	1814	1008	$\frac{11}{112}$	$\frac{101}{1008}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
141573	1814	1050	$\frac{3}{35}$	$\frac{143}{1050}$	$\frac{1}{7}$	$\frac{32}{175}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{150}^2\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
141574	1815	1448	$\frac{1}{362}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{361}{724}$	$\Phi_{1448}^2\ \Phi_{724}\ \Phi_8^3\ \Phi_4\ \Phi_1$
141575	1815	2412	$\frac{2}{603}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{601}{1206}$	$\Phi_{2412}\ \Phi_{804}\ \Phi_{603}\ \Phi_{268}\ \Phi_{201}\ \Phi_{67}\ \Phi_{36}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
141576	1815	808	$\frac{1}{202}$	$\frac{1}{4}$	$\frac{203}{808}$	$\frac{201}{404}$	$\Phi_{808}^3\ \Phi_{404}^2\ \Phi_{202}\ \Phi_{101}\ \Phi_8^3\ \Phi_4\ \Phi_1$
141577	1815	1640	$\frac{1}{164}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{163}{328}$	$\Phi_{1640}^2\ \Phi_{328}^3\ \Phi_{40}^2\ \Phi_{20}\ \Phi_8^3\ \Phi_4\ \Phi_1$
141578	1815	4920	$\frac{1}{164}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{163}{328}$	$\Phi_{4920}\ \Phi_{984}\ \Phi_{328}\ \Phi_{120}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
141579	1815	1680	$\frac{1}{120}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{119}{240}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}^3\ \Phi_{112}^2\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{28}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
141580	1815	1680	$\frac{1}{120}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{119}{240}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}^3\ \Phi_{112}^2\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_7^2\ \Phi_1^3$
141581	1815	240	$\frac{1}{120}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{119}{240}$	$\Phi_{240}^{15}\ \Phi_{80}^{15}\ \Phi_{48}^{15}\ \Phi_{16}^{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
141582	1815	714	$\frac{2}{119}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{117}{238}$	$\Phi_{714}^3\ \Phi_{357}^3\ \Phi_{119}^3\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{17}^3\ \Phi_{14}\ \Phi_7^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
141583	1815	1728	$\frac{1}{54}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{53}{108}$	$\Phi_{1728}^2\ \Phi_{576}^2\ \Phi_{192}^2\ \Phi_{108}\ \Phi_{64}^3\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
141584	1815	432	$\frac{1}{54}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{53}{108}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{108}^5\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{48}^4\ \Phi_{36}^5\ \Phi_{27}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{16}^6\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^6\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
141585	1815	108	$\frac{1}{54}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{53}{108}$	$\Phi_{108}^{17}\ \Phi_{54}^{16}\ \Phi_{36}^{17}\ \Phi_{27}^{16}\ \Phi_{18}^{16}\ \Phi_{12}^{20}\ \Phi_9^{16}\ \Phi_6^{19}\ \Phi_4^{19}\ \Phi_3^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
141586	1815	1080	$\frac{1}{54}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{53}{108}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{108}\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^3\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
141587	1815	1248	$\frac{1}{52}$	$\frac{53}{416}$	$\frac{1}{6}$	$\frac{51}{104}$	$\Phi_{1248}^2\ \Phi_{624}^2\ \Phi_{416}\ \Phi_{208}\ \Phi_{156}^2\ \Phi_{96}^2\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{48}^2\ \Phi_{39}^2\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
141588	1815	3648	$\frac{1}{32}$	$\frac{2}{57}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{3648}\ \Phi_{1216}\ \Phi_{64}\ \Phi_{57}\ \Phi_{19}\ \Phi_1$
141589	1815	5184	$\frac{1}{32}$	$\frac{1}{27}$	$\frac{26}{81}$	$\frac{31}{64}$	$\Phi_{5184}\ \Phi_{81}\ \Phi_{64}\ \Phi_1$
141590	1815	576	$\frac{1}{32}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{31}{64}$	$\Phi_{576}^6\ \Phi_{192}^6\ \Phi_{72}\ \Phi_{64}^7\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
141591	1815	1728	$\frac{1}{32}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{31}{64}$	$\Phi_{1728}^2\ \Phi_{576}^2\ \Phi_{192}^2\ \Phi_{64}^3\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^3$
141592	1815	192	$\frac{1}{32}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{31}{64}$	$\Phi_{192}^{18}\ \Phi_{64}^{19}\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
141593	1815	4032	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{31}{64}$	$\Phi_{4032}\ \Phi_{1344}\ \Phi_{448}\ \Phi_{64}\ \Phi_{63}\ \Phi_{21}\ \Phi_7\ \Phi_1$
141594	1815	234	$\frac{4}{117}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{113}{234}$	$\Phi_{234}^6\ \Phi_{117}^9\ \Phi_{78}^7\ \Phi_{39}^{10}\ \Phi_{26}^7\ \Phi_{18}^6\ \Phi_{13}^9\ \Phi_9^9\ \Phi_6^6\ \Phi_3^9\ \Phi_2^6\ \Phi_1^9$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
141595	1815	1176	$\frac{1}{28}$	$\frac{29}{392}$	$\frac{1}{6}$	$\frac{27}{56}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{392}\ \Phi_{294}^2\ \Phi_{196}\ \Phi_{147}^2\ \Phi_{98}\ \Phi_{84}^2\ \Phi_{49}\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
141596	1815	2100	$\frac{13}{350}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{337}{700}$	$\Phi_{2100}^2\ \Phi_{700}\ \Phi_{420}^2\ \Phi_{300}^2\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
141597	1815	1768	$\frac{1}{34}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{1768}^2\ \Phi_{136}^2\ \Phi_{104}\ \Phi_{68}^2\ \Phi_{34}\ \Phi_{17}\ \Phi_8\ \Phi_4\ \Phi_1$
141598	1815	3444	$\frac{2}{123}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{3444}\ \Phi_{1148}\ \Phi_{492}\ \Phi_{164}\ \Phi_{123}\ \Phi_{41}\ \Phi_{28}\ \Phi_4\ \Phi_1$
141599	1815	1260	$\frac{1}{60}$	$\frac{1}{14}$	$\frac{59}{180}$	$\frac{13}{28}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{180}^3\ \Phi_{126}^2\ \Phi_{90}^3\ \Phi_{63}^2\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{18}^3\ \Phi_9^3\ \Phi_4\ \Phi_1$
141600	1815	868	$\frac{3}{124}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{868}^2\ \Phi_{434}^2\ \Phi_{217}^2\ \Phi_{124}^3\ \Phi_{62}^3\ \Phi_{31}^3\ \Phi_{28}\ \Phi_4\ \Phi_1$
141601	1815	1120	$\frac{1}{40}$	$\frac{1}{14}$	$\frac{39}{160}$	$\frac{13}{28}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{224}^2\ \Phi_{160}^3\ \Phi_{112}^2\ \Phi_{80}^3\ \Phi_{32}^3\ \Phi_{28}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
141602	1815	3500	$\frac{4}{125}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{3500}\ \Phi_{700}\ \Phi_{500}\ \Phi_{125}\ \Phi_{100}\ \Phi_{28}\ \Phi_{25}\ \Phi_4\ \Phi_1$
141603	1815	2100	$\frac{1}{30}$	$\frac{1}{14}$	$\frac{29}{150}$	$\frac{13}{28}$	$\Phi_{2100}^2\ \Phi_{700}^2\ \Phi_{300}^2\ \Phi_{150}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{50}\ \Phi_{28}\ \Phi_{25}\ \Phi_4\ \Phi_1$
141604	1815	252	$\frac{5}{126}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{252}^{14}\ \Phi_{126}\ \Phi_{84}^{12}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}^{14}\ \Phi_{28}^{13}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}^{12}\ \Phi_9\ \Phi_7\ \Phi_4^{13}\ \Phi_1$
141605	1815	1008	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{23}{144}$	$\frac{13}{28}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{144}^3\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{72}^3\ \Phi_{63}^2\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_9^3\ \Phi_4\ \Phi_1$
141606	1815	140	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{19}{140}$	$\frac{13}{28}$	$\Phi_{140}^{13}\ \Phi_{70}^{13}\ \Phi_{35}^{13}\ \Phi_{28}^{14}\ \Phi_{20}^{12}\ \Phi_{14}^{13}\ \Phi_{10}^{12}\ \Phi_7^{13}\ \Phi_5^{12}\ \Phi_4^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
141607	1815	896	$\frac{7}{128}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{28}$	$\Phi_{896}^2\ \Phi_{448}^2\ \Phi_{224}^2\ \Phi_{128}^3\ \Phi_{112}^2\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{28}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
141608	1815	3780	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{14}{135}$	$\frac{13}{28}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{252}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_9\ \Phi_4\ \Phi_1$
141609	1815	1820	$\frac{9}{130}$	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{28}$	$\Phi_{1820}^2\ \Phi_{364}^2\ \Phi_{260}^2\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{28}\ \Phi_{26}\ \Phi_{13}\ \Phi_4\ \Phi_1$
141610	1815	84	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{13}{28}$	$\Phi_{84}^{20}\ \Phi_{42}^{20}\ \Phi_{28}^{21}\ \Phi_{21}^{20}\ \Phi_{14}^{20}\ \Phi_{12}^{30}\ \Phi_7^{20}\ \Phi_6^{30}\ \Phi_4^{31}\ \Phi_3^{30}\ \Phi_2^{30}\ \Phi_1^{31}$
141611	1815	2028	$\frac{1}{26}$	$\frac{25}{338}$	$\frac{1}{6}$	$\frac{313}{676}$	$\Phi_{2028}^2\ \Phi_{676}\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
141612	1815	672	$\frac{1}{28}$	$\frac{9}{112}$	$\frac{1}{6}$	$\frac{103}{224}$	$\Phi_{672}^6\ \Phi_{224}^3\ \Phi_{96}^6\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{32}^3\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
141613	1815	820	$\frac{1}{82}$	$\frac{1}{10}$	$\frac{27}{82}$	$\frac{9}{20}$	$\Phi_{820}^4\ \Phi_{164}^4\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{20}^5\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
141614	1815	280	$\frac{1}{56}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{56}^9\ \Phi_{40}^6\ \Phi_{35}^6\ \Phi_{28}^9\ \Phi_{20}^5\ \Phi_{14}^9\ \Phi_{10}^4\ \Phi_8^9\ \Phi_7^9\ \Phi_5^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
141615	1815	820	$\frac{1}{41}$	$\frac{1}{10}$	$\frac{8}{41}$	$\frac{9}{20}$	$\Phi_{820}^4\ \Phi_{164}^4\ \Phi_{41}^4\ \Phi_{20}^5\ \Phi_4^5\ \Phi_1^5$
141616	1815	1020	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{1020}^4\ \Phi_{340}^2\ \Phi_{204}^4\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
141617	1815	820	$\frac{5}{82}$	$\frac{7}{82}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{820}^4\ \Phi_{164}^4\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{20}^5\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
141618	1815	240	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{80}^6\ \Phi_{60}^6\ \Phi_{48}^{12}\ \Phi_{40}^6\ \Phi_{30}^6\ \Phi_{24}^{12}\ \Phi_{20}^5\ \Phi_{16}^9\ \Phi_{15}^6\ \Phi_{12}^9\ \Phi_{10}^4\ \Phi_8^9\ \Phi_6^9\ \Phi_5^4\ \Phi_4^7\ \Phi_3^9\ \Phi_2^6\ \Phi_1^7$
141619	1815	1666	$\frac{1}{34}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{1666}\ \Phi_{833}\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{49}\ \Phi_{34}\ \Phi_{17}\ \Phi_{14}\ \Phi_7\ \Phi_1$
141620	1815	1088	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{1088}^2\ \Phi_{544}^2\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{64}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_8\ \Phi_4\ \Phi_1$
141621	1815	1632	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{1632}^2\ \Phi_{544}^2\ \Phi_{136}^2\ \Phi_{96}\ \Phi_{68}^2\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_8\ \Phi_4\ \Phi_1$
141622	1815	624	$\frac{1}{52}$	$\frac{17}{104}$	$\frac{1}{6}$	$\frac{87}{208}$	$\Phi_{624}^6\ \Phi_{208}^3\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{48}^6\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{16}^3\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
141623	1815	612	$\frac{7}{612}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{204}^3\ \Phi_{153}^3\ \Phi_{102}^3\ \Phi_{68}^3\ \Phi_{51}^3\ \Phi_{36}^3\ \Phi_{34}^3\ \Phi_{18}^3\ \Phi_{17}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
141624	1815	404	$\frac{1}{101}$	$\frac{20}{101}$	$\frac{1}{4}$	$\frac{81}{202}$	$\Phi_{404}^6\ \Phi_{202}\ \Phi_{101}^5\ \Phi_4^5\ \Phi_1^5$
141625	1815	1494	$\frac{1}{166}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1494}\ \Phi_{747}\ \Phi_{498}^2\ \Phi_{249}^2\ \Phi_{166}\ \Phi_{83}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
141626	1815	1448	$\frac{1}{181}$	$\frac{1}{4}$	$\frac{60}{181}$	$\frac{3}{8}$	$\Phi_{1448}^2\ \Phi_{181}^2\ \Phi_8^3\ \Phi_1^3$
141627	1815	1328	$\frac{1}{166}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1328}^2\ \Phi_{332}^2\ \Phi_{166}\ \Phi_{83}\ \Phi_{16}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
141628	1815	488	$\frac{1}{122}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{488}^{6}\,\Phi_{244}^{2}\,\Phi_{122}\,\Phi_{61}\,\Phi_{8}^{3}\,\Phi_{4}\,\Phi_{1}$
141629	1815	1104	$\frac{5}{368}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1104}^{2}\,\Phi_{552}^{2}\,\Phi_{368}\,\Phi_{276}^{2}\,\Phi_{184}\,\Phi_{138}^{2}\,\Phi_{92}\,\Phi_{69}^{2}\,\Phi_{48}^{2}\,\Phi_{46}\,\Phi_{23}\,\Phi_{16}\,\Phi_{12}^{2}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
141630	1815	1448	$\frac{5}{181}$	$\frac{16}{181}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1448}^{2}\,\Phi_{181}^{2}\,\Phi_{8}^{3}\,\Phi_{1}^{3}$
141631	1815	408	$\frac{1}{34}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^{8}\,\Phi_{204}^{2}\,\Phi_{136}^{6}\,\Phi_{102}^{2}\,\Phi_{68}^{2}\,\Phi_{51}^{2}\,\Phi_{34}\,\Phi_{24}^{4}\,\Phi_{17}\,\Phi_{12}\,\Phi_{8}^{3}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
141632	1815	1428	$\frac{1}{34}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{1428}^{2}\,\Phi_{476}^{2}\,\Phi_{238}^{2}\,\Phi_{204}^{2}\,\Phi_{119}^{2}\,\Phi_{84}\,\Phi_{68}^{2}\,\Phi_{34}\,\Phi_{28}\,\Phi_{17}\,\Phi_{14}\,\Phi_{12}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
141633	1815	546	$\frac{1}{91}$	$\frac{1}{6}$	$\frac{30}{91}$	$\frac{61}{182}$	$\Phi_{546}^{4}\,\Phi_{273}^{4}\,\Phi_{182}\,\Phi_{91}^{3}\,\Phi_{78}^{4}\,\Phi_{42}^{4}\,\Phi_{39}^{4}\,\Phi_{26}\,\Phi_{21}^{4}\,\Phi_{14}\,\Phi_{13}^{3}\,\Phi_{7}^{3}\,\Phi_{6}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
141634	1815	907	$\frac{4}{907}$	$\frac{301}{907}$	$\frac{302}{907}$	$\frac{303}{907}$	$\Phi_{907}^{2}\,\Phi_{1}^{3}$
141635	1815	912	$\frac{2}{57}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{912}^{2}\,\Phi_{456}^{2}\,\Phi_{304}^{2}\,\Phi_{228}^{2}\,\Phi_{152}^{2}\,\Phi_{114}^{2}\,\Phi_{76}^{2}\,\Phi_{57}^{3}\,\Phi_{38}^{2}\,\Phi_{19}^{3}\,\Phi_{16}^{2}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
141636	1815	621	$\frac{16}{621}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{621}^{3}\,\Phi_{207}^{3}\,\Phi_{69}^{2}\,\Phi_{27}^{3}\,\Phi_{23}^{3}\,\Phi_{9}^{3}\,\Phi_{3}\,\Phi_{1}^{3}$
141637	1815	861	$\frac{2}{123}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{861}^{2}\,\Phi_{287}^{2}\,\Phi_{123}^{3}\,\Phi_{41}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
141638	1815	804	$\frac{2}{201}$	$\frac{199}{804}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{804}^{2}\,\Phi_{402}^{2}\,\Phi_{268}^{2}\,\Phi_{201}^{3}\,\Phi_{134}^{2}\,\Phi_{67}^{3}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
141639	1815	612	$\frac{7}{612}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{612}^{3}\,\Phi_{306}^{3}\,\Phi_{204}^{3}\,\Phi_{153}^{3}\,\Phi_{102}^{3}\,\Phi_{68}^{3}\,\Phi_{51}^{3}\,\Phi_{36}^{2}\,\Phi_{34}^{3}\,\Phi_{18}^{2}\,\Phi_{17}^{3}\,\Phi_{12}^{3}\,\Phi_{9}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
141640	1815	492	$\frac{2}{123}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{492}^{5}\,\Phi_{246}^{2}\,\Phi_{164}^{5}\,\Phi_{123}^{3}\,\Phi_{82}^{2}\,\Phi_{41}^{3}\,\Phi_{12}^{2}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
141641	1815	228	$\frac{2}{57}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^{8}\,\Phi_{114}^{8}\,\Phi_{76}^{8}\,\Phi_{57}^{9}\,\Phi_{38}^{8}\,\Phi_{19}^{9}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
141642	1815	2280	$\frac{2}{57}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{2280}\,\Phi_{1140}\,\Phi_{760}\,\Phi_{570}\,\Phi_{380}\,\Phi_{285}\,\Phi_{190}\,\Phi_{95}\,\Phi_{57}\,\Phi_{40}\,\Phi_{20}\,\Phi_{19}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
141643	1815	1230	$\frac{1}{82}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{27}{82}$	$\Phi_{1230}^{2}\,\Phi_{615}^{2}\,\Phi_{246}^{2}\,\Phi_{123}^{2}\,\Phi_{82}^{2}\,\Phi_{41}^{2}\,\Phi_{30}^{2}\,\Phi_{15}^{3}\,\Phi_{6}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
141644	1815	1260	$\frac{1}{60}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{59}{180}$	$\Phi_{1260}^{2}\,\Phi_{630}^{2}\,\Phi_{315}^{2}\,\Phi_{252}^{2}\,\Phi_{180}^{3}\,\Phi_{126}^{2}\,\Phi_{90}^{3}\,\Phi_{63}^{2}\,\Phi_{45}^{3}\,\Phi_{36}^{3}\,\Phi_{18}^{3}\,\Phi_{9}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
141645	1815	180	$\frac{1}{60}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{59}{180}$	$\Phi_{180}^{15}\,\Phi_{90}^{15}\,\Phi_{45}^{15}\,\Phi_{36}^{15}\,\Phi_{18}^{15}\,\Phi_{12}^{2}\,\Phi_{9}^{15}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
141646	1815	156	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{35}{156}$	$\frac{17}{52}$	$\Phi_{156}^{11}\,\Phi_{78}^{11}\,\Phi_{52}^{13}\,\Phi_{39}^{11}\,\Phi_{26}^{13}\,\Phi_{13}^{13}\,\Phi_{12}^{11}\,\Phi_{6}^{10}\,\Phi_{4}^{13}\,\Phi_{3}^{10}\,\Phi_{2}^{12}\,\Phi_{1}^{13}$
141647	1815	420	$\frac{1}{28}$	$\frac{19}{140}$	$\frac{1}{6}$	$\frac{9}{28}$	$\Phi_{420}^{6}\,\Phi_{210}^{6}\,\Phi_{140}^{3}\,\Phi_{105}^{6}\,\Phi_{84}^{2}\,\Phi_{70}^{3}\,\Phi_{60}^{6}\,\Phi_{42}^{2}\,\Phi_{35}^{3}\,\Phi_{30}^{6}\,\Phi_{28}\,\Phi_{21}^{2}\,\Phi_{20}^{3}\,\Phi_{15}^{6}\,\Phi_{14}\,\Phi_{12}^{2}\,\Phi_{10}^{3}\,\Phi_{7}\,\Phi_{6}\,\Phi_{5}^{3}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
141648	1815	1296	$\frac{1}{27}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{26}{81}$	$\Phi_{1296}^{2}\,\Phi_{648}^{2}\,\Phi_{324}^{2}\,\Phi_{162}^{2}\,\Phi_{81}^{3}\,\Phi_{16}^{2}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
141649	1815	324	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{26}{81}$	$\Phi_{324}^{8}\,\Phi_{162}^{8}\,\Phi_{81}^{9}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
141650	1815	3240	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{26}{81}$	$\Phi_{3240}\,\Phi_{1620}\,\Phi_{810}\,\Phi_{405}\,\Phi_{81}\,\Phi_{40}\,\Phi_{20}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
141651	1815	144	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{17}{72}$	$\frac{5}{16}$	$\Phi_{144}^{12}\,\Phi_{72}^{13}\,\Phi_{48}^{12}\,\Phi_{36}^{13}\,\Phi_{24}^{13}\,\Phi_{18}^{12}\,\Phi_{16}^{14}\,\Phi_{12}^{13}\,\Phi_{9}^{12}\,\Phi_{8}^{15}\,\Phi_{6}^{12}\,\Phi_{4}^{15}\,\Phi_{3}^{12}\,\Phi_{2}^{14}\,\Phi_{1}^{15}$
141652	1815	432	$\frac{1}{16}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{5}{16}$	$\Phi_{432}^{4}\,\Phi_{216}^{4}\,\Phi_{144}^{4}\,\Phi_{108}^{4}\,\Phi_{72}^{4}\,\Phi_{54}^{4}\,\Phi_{48}^{4}\,\Phi_{36}^{4}\,\Phi_{27}^{6}\,\Phi_{24}^{4}\,\Phi_{18}^{4}\,\Phi_{16}^{6}\,\Phi_{12}^{4}\,\Phi_{9}^{6}\,\Phi_{8}^{6}\,\Phi_{6}^{4}\,\Phi_{4}^{6}\,\Phi_{3}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{9}$
141653	1815	48	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{16}$	$\Phi_{48}^{36}\,\Phi_{24}^{36}\,\Phi_{16}^{38}\,\Phi_{12}^{41}\,\Phi_{8}^{38}\,\Phi_{6}^{40}\,\Phi_{4}^{43}\,\Phi_{3}^{40}\,\Phi_{2}^{42}\,\Phi_{1}^{43}$
141654	1815	1008	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{5}{16}$	$\Phi_{1008}^{2}\,\Phi_{504}^{2}\,\Phi_{336}^{2}\,\Phi_{252}^{2}\,\Phi_{168}^{2}\,\Phi_{126}^{2}\,\Phi_{112}^{2}\,\Phi_{84}^{2}\,\Phi_{63}^{3}\,\Phi_{56}^{2}\,\Phi_{42}^{2}\,\Phi_{28}^{2}\,\Phi_{21}^{3}\,\Phi_{16}^{2}\,\Phi_{14}^{2}\,\Phi_{8}^{2}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
141655	1815	907	$\frac{57}{907}$	$\frac{67}{907}$	$\frac{170}{907}$	$\frac{280}{907}$	$\Phi_{907}^{2}\,\Phi_{1}^{3}$
141656	1815	390	$\frac{9}{130}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{4}{13}$	$\Phi_{390}^{6}\,\Phi_{195}^{6}\,\Phi_{130}^{3}\,\Phi_{78}^{4}\,\Phi_{65}^{3}\,\Phi_{39}^{4}\,\Phi_{30}^{6}\,\Phi_{26}\,\Phi_{15}^{6}\,\Phi_{13}^{3}\,\Phi_{10}^{3}\,\Phi_{6}^{3}\,\Phi_{5}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
141657	1815	996	$\frac{13}{166}$	$\frac{1}{12}$	$\frac{23}{166}$	$\frac{51}{166}$	$\Phi_{996}^{2}\,\Phi_{498}^{2}\,\Phi_{332}^{2}\,\Phi_{249}^{2}\,\Phi_{166}\,\Phi_{83}\,\Phi_{12}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
141658	1815	907	$\frac{71}{907}$	$\frac{76}{907}$	$\frac{126}{907}$	$\frac{277}{907}$	$\Phi_{907}^{2}\,\Phi_{1}^{3}$
141659	1815	1092	$\frac{23}{364}$	$\frac{31}{364}$	$\frac{1}{6}$	$\frac{111}{364}$	$\Phi_{1092}^{2}\,\Phi_{546}^{2}\,\Phi_{364}\,\Phi_{273}^{2}\,\Phi_{182}\,\Phi_{156}^{2}\,\Phi_{91}\,\Phi_{84}^{2}\,\Phi_{78}^{2}\,\Phi_{52}\,\Phi_{42}^{2}\,\Phi_{39}^{2}\,\Phi_{28}\,\Phi_{26}\,\Phi_{21}^{2}\,\Phi_{14}\,\Phi_{13}\,\Phi_{12}^{2}\,\Phi_{7}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
141660	1815	1224	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{1224}^{2}\ \Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{153}^{2}\ \Phi_{136}^{2}\ \Phi_{72}\ \Phi_{68}^{2}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
141661	1815	868	$\frac{3}{124}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{868}^{2}\ \Phi_{434}^{2}\ \Phi_{217}^{2}\ \Phi_{124}^{3}\ \Phi_{62}^{3}\ \Phi_{31}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
141662	1815	1120	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{39}{160}$	$\frac{2}{7}$	$\Phi_{1120}^{2}\ \Phi_{560}^{2}\ \Phi_{224}^{2}\ \Phi_{160}^{3}\ \Phi_{112}^{2}\ \Phi_{80}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
141663	1815	238	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{238}^{8}\ \Phi_{119}^{8}\ \Phi_{34}^{7}\ \Phi_{17}^{7}\ \Phi_{14}^{3}\ \Phi_{7}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{5}$
141664	1815	875	$\frac{4}{125}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{875}^{2}\ \Phi_{175}^{2}\ \Phi_{125}^{3}\ \Phi_{25}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
141665	1815	1050	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{29}{150}$	$\frac{2}{7}$	$\Phi_{1050}^{2}\ \Phi_{525}^{2}\ \Phi_{350}^{2}\ \Phi_{175}^{2}\ \Phi_{150}^{3}\ \Phi_{75}^{3}\ \Phi_{50}^{3}\ \Phi_{25}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
141666	1815	126	$\frac{5}{126}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{126}^{15}\ \Phi_{63}^{15}\ \Phi_{42}^{13}\ \Phi_{21}^{13}\ \Phi_{18}^{15}\ \Phi_{14}^{13}\ \Phi_{9}^{15}\ \Phi_{7}^{15}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{15}$
141667	1815	1008	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{23}{144}$	$\frac{2}{7}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{252}^{2}\ \Phi_{144}^{3}\ \Phi_{126}^{2}\ \Phi_{112}^{2}\ \Phi_{72}^{3}\ \Phi_{63}^{2}\ \Phi_{48}^{3}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{16}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
141668	1815	140	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{140}^{13}\ \Phi_{70}^{13}\ \Phi_{35}^{13}\ \Phi_{28}^{13}\ \Phi_{20}^{12}\ \Phi_{14}^{13}\ \Phi_{10}^{12}\ \Phi_{7}^{15}\ \Phi_{5}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{15}$
141669	1815	896	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{896}^{2}\ \Phi_{448}^{2}\ \Phi_{224}^{2}\ \Phi_{128}^{3}\ \Phi_{112}^{2}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
141670	1815	945	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{135}^{3}\ \Phi_{63}^{2}\ \Phi_{45}^{3}\ \Phi_{27}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
141671	1815	910	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{910}^{2}\ \Phi_{455}^{2}\ \Phi_{182}^{2}\ \Phi_{130}^{3}\ \Phi_{91}^{2}\ \Phi_{65}^{3}\ \Phi_{26}^{3}\ \Phi_{13}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
141672	1815	84	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{84}^{20}\ \Phi_{42}^{20}\ \Phi_{28}^{20}\ \Phi_{21}^{20}\ \Phi_{14}^{20}\ \Phi_{12}^{30}\ \Phi_{7}^{22}\ \Phi_{6}^{30}\ \Phi_{4}^{30}\ \Phi_{3}^{30}\ \Phi_{2}^{30}\ \Phi_{1}^{33}$
141673	1815	168	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{1}{6}$	$\frac{47}{168}$	$\Phi_{168}^{9}\ \Phi_{84}^{11}\ \Phi_{56}^{12}\ \Phi_{42}^{11}\ \Phi_{28}^{13}\ \Phi_{24}^{9}\ \Phi_{21}^{11}\ \Phi_{14}^{13}\ \Phi_{12}^{11}\ \Phi_{8}^{12}\ \Phi_{7}^{13}\ \Phi_{6}^{10}\ \Phi_{4}^{13}\ \Phi_{3}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
141674	1815	907	$\frac{60}{907}$	$\frac{77}{907}$	$\frac{166}{907}$	$\frac{247}{907}$	$\Phi_{907}^{2}\ \Phi_{1}^{3}$
141675	1815	996	$\frac{11}{166}$	$\frac{1}{12}$	$\frac{31}{166}$	$\frac{45}{166}$	$\Phi_{996}^{2}\ \Phi_{498}^{2}\ \Phi_{332}^{2}\ \Phi_{249}^{2}\ \Phi_{166}\ \Phi_{83}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
141676	1815	840	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{168}^{3}\ \Phi_{120}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{60}^{2}\ \Phi_{56}^{3}\ \Phi_{42}^{3}\ \Phi_{30}^{2}\ \Phi_{28}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141677	1815	615	$\frac{1}{41}$	$\frac{8}{41}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{615}^{4}\ \Phi_{123}^{4}\ \Phi_{41}^{4}\ \Phi_{15}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
141678	1815	510	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{510}^{3}\ \Phi_{255}^{3}\ \Phi_{170}^{4}\ \Phi_{102}^{5}\ \Phi_{85}^{4}\ \Phi_{51}^{5}\ \Phi_{34}^{5}\ \Phi_{30}\ \Phi_{17}^{5}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141679	1815	1230	$\frac{5}{82}$	$\frac{7}{82}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1230}^{2}\ \Phi_{615}^{2}\ \Phi_{246}^{2}\ \Phi_{123}^{2}\ \Phi_{82}^{2}\ \Phi_{41}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141680	1815	240	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{240}^{7}\ \Phi_{120}^{7}\ \Phi_{80}^{8}\ \Phi_{60}^{5}\ \Phi_{48}^{11}\ \Phi_{40}^{8}\ \Phi_{30}^{5}\ \Phi_{24}^{11}\ \Phi_{20}^{6}\ \Phi_{16}^{11}\ \Phi_{15}^{6}\ \Phi_{12}^{8}\ \Phi_{10}^{6}\ \Phi_{8}^{11}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
141681	1815	372	$\frac{3}{124}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{372}^{6}\ \Phi_{186}^{6}\ \Phi_{124}^{3}\ \Phi_{93}^{6}\ \Phi_{62}^{3}\ \Phi_{31}^{3}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
141682	1815	480	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{39}{160}$	$\frac{1}{4}$	$\Phi_{480}^{6}\ \Phi_{240}^{6}\ \Phi_{160}^{3}\ \Phi_{96}^{6}\ \Phi_{80}^{3}\ \Phi_{48}^{6}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
141683	1815	72	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{17}{72}$	$\frac{1}{4}$	$\Phi_{72}^{33}\ \Phi_{36}^{17}\ \Phi_{24}^{33}\ \Phi_{18}^{16}\ \Phi_{12}^{20}\ \Phi_{9}^{16}\ \Phi_{8}^{33}\ \Phi_{6}^{19}\ \Phi_{4}^{19}\ \Phi_{3}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
141684	1815	624	$\frac{19}{624}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{624}^{3}\ \Phi_{312}^{3}\ \Phi_{208}^{3}\ \Phi_{156}^{3}\ \Phi_{104}^{3}\ \Phi_{78}^{3}\ \Phi_{52}^{3}\ \Phi_{48}^{3}\ \Phi_{39}^{3}\ \Phi_{26}^{3}\ \Phi_{16}^{3}\ \Phi_{13}^{3}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
141685	1815	1500	$\frac{4}{125}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1500}^{2}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}^{2}\ \Phi_{150}\ \Phi_{125}\ \Phi_{100}\ \Phi_{75}\ \Phi_{25}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
141686	1815	300	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{29}{150}$	$\frac{1}{4}$	$\Phi_{300}^{10}\ \Phi_{150}^{5}\ \Phi_{100}^{10}\ \Phi_{75}^{5}\ \Phi_{50}^{5}\ \Phi_{25}^{5}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
141687	1815	108	$\frac{2}{27}$	$\frac{1}{12}$	$\frac{5}{27}$	$\frac{1}{4}$	$\Phi_{108}^{16}\ \Phi_{54}^{16}\ \Phi_{36}^{16}\ \Phi_{27}^{18}\ \Phi_{18}^{16}\ \Phi_{12}^{19}\ \Phi_{9}^{18}\ \Phi_{6}^{19}\ \Phi_{4}^{18}\ \Phi_{3}^{21}\ \Phi_{2}^{18}\ \Phi_{1}^{21}$
141688	1815	404	$\frac{15}{202}$	$\frac{17}{202}$	$\frac{37}{202}$	$\frac{1}{4}$	$\Phi_{404}^{6}\ \Phi_{202}^{3}\ \Phi_{101}^{3}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141689	1815	252	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{252}^{10}\ \Phi_{126}^{5}\ \Phi_{84}^{10}\ \Phi_{63}^{5}\ \Phi_{42}^{5}\ \Phi_{36}^{10}\ \Phi_{28}^{10}\ \Phi_{21}^{5}\ \Phi_{18}^{5}\ \Phi_{14}^{5}\ \Phi_{12}^{2}\ \Phi_{9}^{5}\ \Phi_{7}^{5}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
141690	1815	144	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{144}^{15}\ \Phi_{72}^{15}\ \Phi_{48}^{15}\ \Phi_{36}^{15}\ \Phi_{18}^{15}\ \Phi_{16}^{15}\ \Phi_{12}^{2}\ \Phi_{9}^{15}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
141691	1815	1140	$\frac{17}{380}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1140}^{2}\ \Phi_{570}^{2}\ \Phi_{380}\ \Phi_{285}^{2}\ \Phi_{228}^{2}\ \Phi_{190}\ \Phi_{114}^{2}\ \Phi_{95}\ \Phi_{76}\ \Phi_{57}^{2}\ \Phi_{38}\ \Phi_{19}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
141692	1815	420	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{140}^{3}\ \Phi_{105}^{6}\ \Phi_{84}^{6}\ \Phi_{70}^{3}\ \Phi_{42}^{6}\ \Phi_{35}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{6}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{7}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
141693	1815	384	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{384}^{6}\ \Phi_{192}^{6}\ \Phi_{128}^{3}\ \Phi_{96}^{6}\ \Phi_{64}^{3}\ \Phi_{48}^{6}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
141694	1815	540	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{540}^{5}\,\Phi_{270}^{2}\,\Phi_{180}^{5}\,\Phi_{135}^{3}\,\Phi_{108}^{5}\,\Phi_{90}^{2}\,\Phi_{54}^{2}\,\Phi_{45}^{3}\,\Phi_{36}^{5}\,\Phi_{27}^{3}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{3}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
141695	1815	780	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{780}^{4}\,\Phi_{390}^{2}\,\Phi_{260}^{2}\,\Phi_{195}^{2}\,\Phi_{156}^{4}\,\Phi_{130}\,\Phi_{78}^{2}\,\Phi_{65}\,\Phi_{52}^{2}\,\Phi_{39}^{2}\,\Phi_{26}\,\Phi_{13}\,\Phi_{12}^{2}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
141696	1815	1200	$\frac{3}{40}$	$\frac{37}{400}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1200}^{2}\,\Phi_{600}^{2}\,\Phi_{400}\,\Phi_{300}^{2}\,\Phi_{240}^{2}\,\Phi_{200}\,\Phi_{150}^{2}\,\Phi_{100}\,\Phi_{80}\,\Phi_{75}^{2}\,\Phi_{50}\,\Phi_{48}^{2}\,\Phi_{25}\,\Phi_{16}\,\Phi_{12}^{2}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
141697	1815	12	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{12}^{152}\,\Phi_{6}^{151}\,\Phi_{4}^{151}\,\Phi_{3}^{151}\,\Phi_{2}^{150}\,\Phi_{1}^{151}$
141698	1815	252	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{4}$	$\Phi_{252}^{8}\,\Phi_{126}^{8}\,\Phi_{84}^{8}\,\Phi_{63}^{9}\,\Phi_{42}^{8}\,\Phi_{28}^{8}\,\Phi_{21}^{9}\,\Phi_{14}^{8}\,\Phi_{12}^{3}\,\Phi_{7}^{9}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
141699	1815	1344	$\frac{1}{28}$	$\frac{1}{6}$	$\frac{85}{448}$	$\frac{27}{112}$	$\Phi_{1344}^{2}\,\Phi_{672}^{2}\,\Phi_{448}\,\Phi_{224}\,\Phi_{192}^{2}\,\Phi_{96}^{2}\,\Phi_{84}^{2}\,\Phi_{64}\,\Phi_{42}^{2}\,\Phi_{32}\,\Phi_{28}\,\Phi_{21}^{2}\,\Phi_{14}\,\Phi_{12}^{2}\,\Phi_{7}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
141700	1815	1428	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{113}{476}$	$\Phi_{1428}^{2}\,\Phi_{714}\,\Phi_{476}\,\Phi_{357}\,\Phi_{204}^{2}\,\Phi_{119}\,\Phi_{102}\,\Phi_{84}^{2}\,\Phi_{68}\,\Phi_{51}\,\Phi_{42}^{2}\,\Phi_{28}\,\Phi_{21}^{2}\,\Phi_{17}\,\Phi_{14}\,\Phi_{12}^{2}\,\Phi_{7}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
141701	1815	360	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{17}{72}$	$\Phi_{360}^{6}\,\Phi_{180}^{6}\,\Phi_{120}^{6}\,\Phi_{90}^{6}\,\Phi_{72}\,\Phi_{60}^{6}\,\Phi_{45}^{6}\,\Phi_{40}^{7}\,\Phi_{36}\,\Phi_{30}^{6}\,\Phi_{24}\,\Phi_{20}^{7}\,\Phi_{15}^{6}\,\Phi_{12}\,\Phi_{10}^{7}\,\Phi_{8}\,\Phi_{5}^{7}\,\Phi_{4}\,\Phi_{1}$
141702	1815	156	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{6}$	$\frac{35}{156}$	$\Phi_{156}^{15}\,\Phi_{78}^{7}\,\Phi_{52}^{15}\,\Phi_{39}^{10}\,\Phi_{26}^{7}\,\Phi_{13}^{9}\,\Phi_{12}^{15}\,\Phi_{6}^{6}\,\Phi_{4}^{15}\,\Phi_{3}^{9}\,\Phi_{2}^{6}\,\Phi_{1}^{9}$
141703	1815	210	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{210}^{11}\,\Phi_{105}^{11}\,\Phi_{70}^{4}\,\Phi_{42}^{8}\,\Phi_{35}^{7}\,\Phi_{30}^{11}\,\Phi_{21}^{8}\,\Phi_{15}^{11}\,\Phi_{14}^{3}\,\Phi_{10}^{4}\,\Phi_{7}^{5}\,\Phi_{6}^{7}\,\Phi_{5}^{7}\,\Phi_{3}^{7}\,\Phi_{2}^{2}\,\Phi_{1}^{5}$
141704	1815	420	$\frac{1}{14}$	$\frac{19}{140}$	$\frac{1}{6}$	$\frac{13}{70}$	$\Phi_{420}^{6}\,\Phi_{210}^{4}\,\Phi_{140}^{3}\,\Phi_{105}^{4}\,\Phi_{84}^{6}\,\Phi_{70}^{2}\,\Phi_{60}^{6}\,\Phi_{42}^{6}\,\Phi_{35}^{2}\,\Phi_{30}^{4}\,\Phi_{28}^{3}\,\Phi_{21}^{6}\,\Phi_{20}^{3}\,\Phi_{15}^{4}\,\Phi_{14}^{3}\,\Phi_{12}^{6}\,\Phi_{10}^{2}\,\Phi_{7}^{3}\,\Phi_{6}^{5}\,\Phi_{5}^{2}\,\Phi_{4}^{3}\,\Phi_{3}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
141705	1815	1080	$\frac{2}{27}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{5}{27}$	$\Phi_{1080}^{2}\,\Phi_{540}^{2}\,\Phi_{360}^{2}\,\Phi_{270}^{2}\,\Phi_{180}^{2}\,\Phi_{135}^{2}\,\Phi_{120}^{2}\,\Phi_{90}^{2}\,\Phi_{60}^{2}\,\Phi_{45}^{2}\,\Phi_{40}^{3}\,\Phi_{30}^{2}\,\Phi_{27}^{2}\,\Phi_{20}^{3}\,\Phi_{15}^{2}\,\Phi_{10}^{3}\,\Phi_{9}^{2}\,\Phi_{5}^{3}\,\Phi_{3}^{2}\,\Phi_{1}^{3}$
141706	1815	120	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{40}$	$\Phi_{120}^{18}\,\Phi_{60}^{18}\,\Phi_{40}^{19}\,\Phi_{30}^{18}\,\Phi_{20}^{19}\,\Phi_{15}^{18}\,\Phi_{12}^{5}\,\Phi_{10}^{19}\,\Phi_{6}^{4}\,\Phi_{5}^{19}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
141707	1815	2520	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{63}$	$\frac{7}{40}$	$\Phi_{2520}\,\Phi_{1260}\,\Phi_{840}\,\Phi_{630}\,\Phi_{420}\,\Phi_{315}\,\Phi_{280}\,\Phi_{210}\,\Phi_{140}\,\Phi_{105}\,\Phi_{70}\,\Phi_{63}\,\Phi_{40}\,\Phi_{35}\,\Phi_{21}\,\Phi_{20}\,\Phi_{10}\,\Phi_{7}\,\Phi_{5}\,\Phi_{1}$
141708	1816	453	$\frac{1}{453}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{226}{453}$	$\Phi_{453}^{4}\,\Phi_{151}^{4}\,\Phi_{3}^{5}\,\Phi_{1}^{6}$
141709	1816	363	$\frac{1}{363}$	$\frac{91}{363}$	$\frac{136}{363}$	$\frac{181}{363}$	$\Phi_{363}^{5}\,\Phi_{121}^{5}\,\Phi_{33}^{5}\,\Phi_{11}^{5}\,\Phi_{3}^{5}\,\Phi_{1}^{6}$
141710	1816	303	$\frac{1}{303}$	$\frac{76}{303}$	$\frac{1}{3}$	$\frac{151}{303}$	$\Phi_{303}^{6}\,\Phi_{101}^{6}\,\Phi_{3}^{5}\,\Phi_{1}^{6}$
141711	1816	905	$\frac{3}{905}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{451}{905}$	$\Phi_{905}^{2}\,\Phi_{181}^{2}\,\Phi_{5}^{3}\,\Phi_{1}^{4}$
141712	1816	1809	$\frac{7}{1809}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{901}{1809}$	$\Phi_{1809}\,\Phi_{603}\,\Phi_{201}\,\Phi_{67}\,\Phi_{27}\,\Phi_{9}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
141713	1816	3164	$\frac{1}{226}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{225}{452}$	$\Phi_{3164}\,\Phi_{452}^{2}\,\Phi_{28}\,\Phi_{7}\,\Phi_{4}^{2}\,\Phi_{1}^{2}$
141714	1816	6780	$\frac{1}{226}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{225}{452}$	$\Phi_{6780}\,\Phi_{60}\,\Phi_{15}$
141715	1816	605	$\frac{3}{605}$	$\frac{151}{605}$	$\frac{152}{605}$	$\frac{301}{605}$	$\Phi_{605}^{3}\,\Phi_{121}^{3}\,\Phi_{55}^{3}\,\Phi_{11}^{3}\,\Phi_{5}^{3}\,\Phi_{1}^{4}$
141716	1816	825	$\frac{1}{165}$	$\frac{83}{825}$	$\frac{371}{825}$	$\frac{82}{165}$	$\Phi_{825}^{2}\,\Phi_{275}^{2}\,\Phi_{165}^{3}\,\Phi_{75}^{2}\,\Phi_{55}^{3}\,\Phi_{33}^{3}\,\Phi_{25}^{2}\,\Phi_{15}^{3}\,\Phi_{11}^{3}\,\Phi_{5}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
141717	1816	451	$\frac{3}{451}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{224}{451}$	$\Phi_{451}^{4}\,\Phi_{41}^{4}\,\Phi_{11}^{5}\,\Phi_{1}^{6}$
141718	1816	847	$\frac{1}{121}$	$\frac{61}{847}$	$\frac{393}{847}$	$\frac{60}{121}$	$\Phi_{847}^{2}\,\Phi_{121}^{3}\,\Phi_{77}^{2}\,\Phi_{11}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{4}$
141719	1816	450	$\frac{2}{225}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{223}{450}$	$\Phi_{450}^{8}\,\Phi_{150}^{8}\,\Phi_{90}^{8}\,\Phi_{50}^{8}\,\Phi_{30}^{8}\,\Phi_{18}^{8}\,\Phi_{15}\,\Phi_{10}^{8}\,\Phi_{6}^{8}\,\Phi_{5}\,\Phi_{3}\,\Phi_{2}^{8}\,\Phi_{1}^{2}$
141720	1816	450	$\frac{2}{225}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{223}{450}$	$\Phi_{450}^{8}\,\Phi_{150}^{8}\,\Phi_{90}^{8}\,\Phi_{50}^{8}\,\Phi_{30}^{8}\,\Phi_{18}^{8}\,\Phi_{10}^{8}\,\Phi_{9}^{2}\,\Phi_{6}^{8}\,\Phi_{3}\,\Phi_{2}^{8}\,\Phi_{1}^{2}$
141721	1816	450	$\frac{2}{225}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{223}{450}$	$\Phi_{450}^{8}\,\Phi_{150}^{8}\,\Phi_{90}^{8}\,\Phi_{50}^{8}\,\Phi_{30}^{8}\,\Phi_{18}^{8}\,\Phi_{10}^{8}\,\Phi_{6}^{8}\,\Phi_{5}^{3}\,\Phi_{2}^{8}\,\Phi_{1}^{4}$
141722	1816	1515	$\frac{1}{101}$	$\frac{51}{505}$	$\frac{1}{3}$	$\frac{50}{101}$	$\Phi_{1515}^{2}\,\Phi_{303}\,\Phi_{15}^{2}$
141723	1816	1365	$\frac{1}{91}$	$\frac{46}{273}$	$\frac{1}{5}$	$\frac{45}{91}$	$\Phi_{1365}^{2}\,\Phi_{455}\,\Phi_{195}^{2}\,\Phi_{105}^{2}\,\Phi_{65}\,\Phi_{35}\,\Phi_{15}^{2}$
141724	1816	2736	$\frac{1}{76}$	$\frac{1}{9}$	$\frac{77}{304}$	$\frac{75}{152}$	$\Phi_{2736}\,\Phi_{912}\,\Phi_{684}\,\Phi_{342}\,\Phi_{228}\,\Phi_{171}\,\Phi_{144}\,\Phi_{114}\,\Phi_{57}\,\Phi_{48}\,\Phi_{36}\,\Phi_{18}\,\Phi_{12}\,\Phi_{6}$
141725	1816	4032	$\frac{3}{224}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{221}{448}$	$\Phi_{4032}\,\Phi_{1344}\,\Phi_{576}\,\Phi_{192}\,\Phi_{36}\,\Phi_{18}\,\Phi_{12}\,\Phi_{6}$
141726	1816	2240	$\frac{3}{224}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{221}{448}$	$\Phi_{2240}^{2}\,\Phi_{320}^{2}\,\Phi_{35}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
141727	1816	260	$\frac{1}{65}$	$\frac{33}{260}$	$\frac{1}{5}$	$\frac{32}{65}$	$\Phi_{260}^8\ \Phi_{130}^8\ \Phi_{65}^4\ \Phi_{52}^8\ \Phi_{26}^8\ \Phi_{20}^8\ \Phi_{13}^4\ \Phi_{10}^8\ \Phi_5^3\ \Phi_4^8\ \Phi_2^8\ \Phi_1^4$
141728	1816	1785	$\frac{31}{1785}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{877}{1785}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}\ \Phi_{85}\ \Phi_{51}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{17}\ \Phi_{15}\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
141729	1816	440	$\frac{1}{55}$	$\frac{7}{220}$	$\frac{213}{440}$	$\frac{27}{55}$	$\Phi_{440}^8\ \Phi_{88}^8\ \Phi_{55}\ \Phi_{40}^8\ \Phi_{11}\ \Phi_8^8\ \Phi_5\ \Phi_1^2$
141730	1816	330	$\frac{1}{55}$	$\frac{7}{110}$	$\frac{103}{330}$	$\frac{27}{55}$	$\Phi_{330}^8\ \Phi_{165}^8\ \Phi_{66}^8\ \Phi_{55}\ \Phi_{33}^8\ \Phi_{30}^8\ \Phi_{15}^8\ \Phi_{11}\ \Phi_6^8\ \Phi_5\ \Phi_3^8\ \Phi_1^2$
141731	1816	495	$\frac{1}{55}$	$\frac{41}{495}$	$\frac{14}{55}$	$\frac{27}{55}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^4\ \Phi_{55}\ \Phi_{45}^4\ \Phi_{33}^4\ \Phi_{15}^4\ \Phi_{11}\ \Phi_9^4\ \Phi_5\ \Phi_3^4\ \Phi_1^2$
141732	1816	275	$\frac{1}{55}$	$\frac{7}{55}$	$\frac{48}{275}$	$\frac{27}{55}$	$\Phi_{275}^8\ \Phi_{55}\ \Phi_{25}^8\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
141733	1816	891	$\frac{17}{891}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{437}{891}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{99}^2\ \Phi_{81}^2\ \Phi_{33}^3\ \Phi_{27}^2\ \Phi_{11}^3\ \Phi_9^2\ \Phi_3^3\ \Phi_1^4$
141734	1816	1332	$\frac{5}{222}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{217}{444}$	$\Phi_{1332}^3\ \Phi_{444}^2\ \Phi_{148}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141735	1816	2210	$\frac{6}{221}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{215}{442}$	$\Phi_{2210}^2\ \Phi_{170}^2\ \Phi_{130}^2\ \Phi_{65}\ \Phi_{10}^2$
141736	1816	245	$\frac{1}{35}$	$\frac{18}{245}$	$\frac{1}{5}$	$\frac{17}{35}$	$\Phi_{245}^8\ \Phi_{49}^8\ \Phi_{35}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
141737	1816	297	$\frac{1}{33}$	$\frac{17}{297}$	$\frac{70}{297}$	$\frac{16}{33}$	$\Phi_{297}^6\ \Phi_{99}^6\ \Phi_{33}^7\ \Phi_{27}^6\ \Phi_{11}^7\ \Phi_9^6\ \Phi_3^7\ \Phi_1^8$
141738	1816	495	$\frac{1}{33}$	$\frac{41}{495}$	$\frac{17}{99}$	$\frac{16}{33}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^2\ \Phi_{55}^4\ \Phi_{45}^4\ \Phi_{33}^3\ \Phi_{15}^4\ \Phi_{11}^3\ \Phi_9^2\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
141739	1816	440	$\frac{7}{220}$	$\frac{3}{55}$	$\frac{13}{55}$	$\frac{213}{440}$	$\Phi_{440}^8\ \Phi_{88}^8\ \Phi_{55}\ \Phi_{40}^8\ \Phi_{11}\ \Phi_8^8\ \Phi_5\ \Phi_1^2$
141740	1816	1755	$\frac{61}{1755}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{847}{1755}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}\ \Phi_{117}\ \Phi_{65}^2\ \Phi_{45}\ \Phi_{39}\ \Phi_{27}\ \Phi_{15}\ \Phi_{13}^2\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
141741	1816	875	$\frac{33}{875}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{421}{875}$	$\Phi_{875}^2\ \Phi_{175}^2\ \Phi_{125}^2\ \Phi_{35}^4\ \Phi_{25}^2\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
141742	1816	432	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{205}{432}$	$\Phi_{432}^8\ \Phi_{144}^8\ \Phi_{48}^8\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{16}^8\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141743	1816	242	$\frac{7}{121}$	$\frac{15}{242}$	$\frac{16}{121}$	$\frac{57}{121}$	$\Phi_{242}^8\ \Phi_{121}^7\ \Phi_{22}^8\ \Phi_{11}^7\ \Phi_2^8\ \Phi_1^8$
141744	1816	429	$\frac{1}{33}$	$\frac{25}{429}$	$\frac{8}{33}$	$\frac{202}{429}$	$\Phi_{429}^4\ \Phi_{143}^4\ \Phi_{39}^4\ \Phi_{33}^7\ \Phi_{13}^4\ \Phi_{11}^7\ \Phi_3^7\ \Phi_1^8$
141745	1816	675	$\frac{4}{225}$	$\frac{1}{15}$	$\frac{221}{675}$	$\frac{7}{15}$	$\Phi_{675}^4\ \Phi_{135}^4\ \Phi_{27}^4\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
141746	1816	465	$\frac{11}{465}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{465}^4\ \Phi_{155}^4\ \Phi_{93}^4\ \Phi_{31}^4\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
141747	1816	300	$\frac{2}{75}$	$\frac{1}{15}$	$\frac{73}{300}$	$\frac{7}{15}$	$\Phi_{300}^8\ \Phi_{150}^8\ \Phi_{100}^8\ \Phi_{60}^8\ \Phi_{50}^8\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{15}\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5\ \Phi_4^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
141748	1816	1125	$\frac{8}{225}$	$\frac{1}{15}$	$\frac{217}{1125}$	$\frac{7}{15}$	$\Phi_{1125}^2\ \Phi_{375}^2\ \Phi_{125}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
141749	1816	945	$\frac{37}{945}$	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
141750	1816	270	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{43}{270}$	$\frac{7}{15}$	$\Phi_{270}^8\ \Phi_{135}^8\ \Phi_{90}^8\ \Phi_{54}^8\ \Phi_{30}^8\ \Phi_{27}^8\ \Phi_{18}^8\ \Phi_{15}\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
141751	1816	525	$\frac{4}{75}$	$\frac{1}{15}$	$\frac{71}{525}$	$\frac{7}{15}$	$\Phi_{525}^4\ \Phi_{175}^4\ \Phi_{105}^4\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}\ \Phi_7^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
141752	1816	240	$\frac{13}{240}$	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{7}{15}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{80}^8\ \Phi_{60}^8\ \Phi_{48}^8\ \Phi_{40}^8\ \Phi_{30}^8\ \Phi_{24}^8\ \Phi_{20}^8\ \Phi_{16}^8\ \Phi_{15}\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_8^8\ \Phi_6^8\ \Phi_5\ \Phi_4^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
141753	1816	975	$\frac{1}{15}$	$\frac{67}{975}$	$\frac{8}{75}$	$\frac{7}{15}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{195}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
141754	1816	495	$\frac{1}{15}$	$\frac{41}{495}$	$\frac{4}{45}$	$\frac{7}{15}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{33}^4\ \Phi_{15}\ \Phi_{11}^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
141755	1816	845	$\frac{2}{65}$	$\frac{63}{845}$	$\frac{1}{5}$	$\frac{391}{845}$	$\Phi_{845}^2\ \Phi_{169}^2\ \Phi_{65}^4\ \Phi_{13}^4\ \Phi_5^3\ \Phi_1^4$
141756	1816	1170	$\frac{7}{234}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{90}^2\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
141757	1816	420	$\frac{1}{35}$	$\frac{17}{210}$	$\frac{1}{5}$	$\frac{193}{420}$	$\Phi_{420}^8\ \Phi_{140}^8\ \Phi_{84}^8\ \Phi_{60}^8\ \Phi_{35}^4\ \Phi_{28}^8\ \Phi_{20}^8\ \Phi_{12}^8\ \Phi_7^4\ \Phi_5^3\ \Phi_4^8\ \Phi_1^4$
141758	1816	720	$\frac{13}{240}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{24}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^2\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{120}^2\ \Phi_{90}^3\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141759	1816	3762	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{1}{9}$	$\frac{191}{418}$	$\Phi_{3762}\ \Phi_{1254}\ \Phi_{342}\ \Phi_{198}\ \Phi_{171}\ \Phi_{114}\ \Phi_{66}\ \Phi_{57}\ \Phi_{18}\ \Phi_6$
141760	1816	1353	$\frac{6}{451}$	$\frac{1}{11}$	$\frac{445}{1353}$	$\frac{5}{11}$	$\Phi_{1353}^2\ \Phi_{123}^2\ \Phi_{33}^2\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
141761	1816	231	$\frac{4}{231}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{231}^8\ \Phi_{77}^8\ \Phi_{33}^8\ \Phi_{21}^8\ \Phi_{11}^5\ \Phi_7^8\ \Phi_3^8\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
141762	1816	459	$\frac{5}{459}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{459}^4\ \Phi_{153}^4\ \Phi_{51}^4\ \Phi_{27}^4\ \Phi_{17}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
141763	1816	264	$\frac{1}{33}$	$\frac{4}{33}$	$\frac{37}{264}$	$\frac{29}{66}$	$\Phi_{264}^8\ \Phi_{132}^8\ \Phi_{88}^8\ \Phi_{44}^8\ \Phi_{33}^7\ \Phi_{24}^8\ \Phi_{12}^8\ \Phi_{11}^7\ \Phi_8^8\ \Phi_4^8\ \Phi_3^7\ \Phi_1^8$
141764	1816	1617	$\frac{1}{33}$	$\frac{199}{1617}$	$\frac{32}{231}$	$\frac{709}{1617}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{231}^2\ \Phi_{147}\ \Phi_{77}^2\ \Phi_{49}\ \Phi_{33}\ \Phi_{21}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
141765	1816	1212	$\frac{1}{101}$	$\frac{25}{202}$	$\frac{1}{3}$	$\frac{177}{404}$	$\Phi_{1212}^4\ \Phi_{303}\ \Phi_{12}^4$
141766	1816	2373	$\frac{1}{113}$	$\frac{1}{7}$	$\frac{112}{339}$	$\frac{3}{7}$	$\Phi_{2373}\ \Phi_{339}^2\ \Phi_{21}\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
141767	1816	1155	$\frac{4}{231}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1155}^2\ \Phi_{385}^2\ \Phi_{165}^2\ \Phi_{105}^2\ \Phi_{55}^2\ \Phi_{35}\ \Phi_{15}^2$
141768	1816	396	$\frac{1}{33}$	$\frac{4}{33}$	$\frac{29}{198}$	$\frac{169}{396}$	$\Phi_{396}^8\ \Phi_{132}^8\ \Phi_{44}^8\ \Phi_{36}^8\ \Phi_{33}^7\ \Phi_{12}^8\ \Phi_{11}^7\ \Phi_4^8\ \Phi_3^7\ \Phi_1^8$
141769	1816	390	$\frac{1}{65}$	$\frac{32}{195}$	$\frac{1}{5}$	$\frac{163}{390}$	$\Phi_{390}^8\ \Phi_{130}^8\ \Phi_{78}^8\ \Phi_{65}^4\ \Phi_{30}^8\ \Phi_{26}^8\ \Phi_{13}^4\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
141770	1816	3420	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{37}{190}$	$\frac{153}{380}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{180}\ \Phi_{171}\ \Phi_{114}\ \Phi_{60}\ \Phi_{57}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
141771	1816	1515	$\frac{2}{303}$	$\frac{301}{1515}$	$\frac{1}{3}$	$\frac{607}{1515}$	$\Phi_{1515}\ \Phi_{505}\ \Phi_{303}^2\ \Phi_{101}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
141772	1816	230	$\frac{3}{230}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{230}^8\ \Phi_{115}^8\ \Phi_{46}^8\ \Phi_{23}^8\ \Phi_{10}^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
141773	1816	231	$\frac{4}{231}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{231}^8\ \Phi_{77}^8\ \Phi_{33}^7\ \Phi_{21}^8\ \Phi_{11}^7\ \Phi_7^8\ \Phi_3^7\ \Phi_1^8$
141774	1816	1485	$\frac{1}{165}$	$\frac{331}{1485}$	$\frac{164}{495}$	$\frac{577}{1485}$	$\Phi_{1485}\ \Phi_{495}^2\ \Phi_{297}\ \Phi_{165}\ \Phi_{135}\ \Phi_{99}^2\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{27}\ \Phi_{15}\ \Phi_{11}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
141775	1816	1820	$\frac{1}{91}$	$\frac{1}{5}$	$\frac{45}{182}$	$\frac{137}{364}$	$\Phi_{1820}^2\ \Phi_{455}\ \Phi_{260}^2\ \Phi_{140}^2\ \Phi_{65}\ \Phi_{35}\ \Phi_{20}^2$
141776	1816	330	$\frac{1}{165}$	$\frac{41}{165}$	$\frac{103}{330}$	$\frac{62}{165}$	$\Phi_{330}^8\ \Phi_{165}^3\ \Phi_{110}^8\ \Phi_{66}^8\ \Phi_{55}^3\ \Phi_{33}^3\ \Phi_{30}^8\ \Phi_{22}^8\ \Phi_{15}^3\ \Phi_{11}^3\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^3\ \Phi_3^3\ \Phi_2^8\ \Phi_1^4$
141777	1816	2088	$\frac{5}{232}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{522}\ \Phi_{348}\ \Phi_{261}\ \Phi_{174}\ \Phi_{87}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
141778	1816	363	$\frac{1}{121}$	$\frac{30}{121}$	$\frac{91}{363}$	$\frac{136}{363}$	$\Phi_{363}^4\ \Phi_{121}^7\ \Phi_{33}^4\ \Phi_{11}^7\ \Phi_3^4\ \Phi_1^8$
141779	1816	693	$\frac{1}{33}$	$\frac{16}{231}$	$\frac{215}{693}$	$\frac{239}{693}$	$\Phi_{693}^2\ \Phi_{231}^4\ \Phi_{99}^2\ \Phi_{77}^4\ \Phi_{63}^2\ \Phi_{33}^3\ \Phi_{21}^4\ \Phi_{11}^3\ \Phi_9^2\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
141780	1816	342	$\frac{1}{57}$	$\frac{1}{9}$	$\frac{56}{171}$	$\frac{115}{342}$	$\Phi_{342}^8\ \Phi_{171}^3\ \Phi_{114}^8\ \Phi_{57}^2\ \Phi_{38}^8\ \Phi_{19}^2\ \Phi_{18}^8\ \Phi_9^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
141781	1816	1365	$\frac{4}{455}$	$\frac{1}{5}$	$\frac{451}{1365}$	$\frac{457}{1365}$	$\Phi_{1365}\ \Phi_{455}^2\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}^2\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{13}^2\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
141782	1816	228	$\frac{1}{228}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{228}^8\ \Phi_{114}^8\ \Phi_{76}^8\ \Phi_{57}^8\ \Phi_{38}^8\ \Phi_{19}^8\ \Phi_{12}^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
141783	1816	1359	$\frac{2}{453}$	$\frac{451}{1359}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1359}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
141784	1816	906	$\frac{1}{151}$	$\frac{75}{302}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{906}^2\ \Phi_{453}\ \Phi_{302}^4\ \Phi_{151}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
141785	1816	1695	$\frac{1}{113}$	$\frac{1}{5}$	$\frac{112}{339}$	$\frac{1}{3}$	$\Phi_{1695}\ \Phi_{565}^2\ \Phi_{15}^2\ \Phi_5^2$
141786	1816	675	$\frac{4}{225}$	$\frac{1}{9}$	$\frac{221}{675}$	$\frac{1}{3}$	$\Phi_{675}^4\ \Phi_{135}^4\ \Phi_{27}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
141787	1816	459	$\frac{5}{459}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{459}^4\ \Phi_{153}^4\ \Phi_{51}^4\ \Phi_{27}^3\ \Phi_{17}^4\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
141788	1816	303	$\frac{1}{101}$	$\frac{25}{101}$	$\frac{76}{303}$	$\frac{1}{3}$	$\Phi_{303}^5\ \Phi_{101}^8\ \Phi_3^4\ \Phi_1^8$
141789	1816	603	$\frac{7}{603}$	$\frac{2}{9}$	$\frac{149}{603}$	$\frac{1}{3}$	$\Phi_{603}^3\ \Phi_{201}^3\ \Phi_{67}^3\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
141790	1816	900	$\frac{2}{75}$	$\frac{1}{9}$	$\frac{73}{300}$	$\frac{1}{3}$	$\Phi_{900}^3\ \Phi_{450}^3\ \Phi_{300}^2\ \Phi_{180}^3\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^3\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141791	1816	234	$\frac{7}{234}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{234}^8\ \Phi_{117}^8\ \Phi_{78}^8\ \Phi_{39}^8\ \Phi_{26}^8\ \Phi_{18}^8\ \Phi_{13}^8\ \Phi_9^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
141792	1816	1125	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{217}{1125}$	$\frac{1}{3}$	$\Phi_{1125}^2\ \Phi_{375}^2\ \Phi_{125}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
141793	1816	945	$\frac{37}{945}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
141794	1816	270	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{43}{270}$	$\frac{1}{3}$	$\Phi_{270}^8\ \Phi_{135}^8\ \Phi_{90}^8\ \Phi_{54}^8\ \Phi_{30}^8\ \Phi_{27}^8\ \Phi_{18}^8\ \Phi_{10}^8\ \Phi_9^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
141795	1816	720	$\frac{13}{240}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^2\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{120}^2\ \Phi_{90}^3\ \Phi_{80}^2\ \Phi_{72}^3\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141796	1816	495	$\frac{41}{495}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{33}^4\ \Phi_{11}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
141797	1816	585	$\frac{1}{65}$	$\frac{1}{5}$	$\frac{131}{585}$	$\frac{64}{195}$	$\Phi_{585}^4\ \Phi_{117}^4\ \Phi_{65}^4\ \Phi_{45}^4\ \Phi_{13}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_1^4$
141798	1816	675	$\frac{4}{225}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{221}{675}$	$\Phi_{675}^4\ \Phi_{135}^4\ \Phi_{27}^4\ \Phi_5^3\ \Phi_1^4$
141799	1816	1008	$\frac{3}{112}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{109}{336}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}\ \Phi_{252}^2\ \Phi_{168}\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141800	1816	1680	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{109}{336}$	$\Phi_{1680}^2\ \Phi_{840}^2\ \Phi_{420}^2\ \Phi_{240}^2\ \Phi_{210}^2\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{60}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{15}^2$
141801	1816	525	$\frac{1}{35}$	$\frac{71}{525}$	$\frac{1}{5}$	$\frac{34}{105}$	$\Phi_{525}^4\ \Phi_{175}^4\ \Phi_{75}^4\ \Phi_{35}^4\ \Phi_{25}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
141802	1816	3315	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{209}{663}$	$\Phi_{3315}\ \Phi_{255}\ \Phi_{195}\ \Phi_{65}\ \Phi_{15}$
141803	1816	975	$\frac{4}{65}$	$\frac{67}{975}$	$\frac{1}{5}$	$\frac{61}{195}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{195}\ \Phi_{75}^2\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
141804	1816	330	$\frac{3}{55}$	$\frac{7}{110}$	$\frac{13}{55}$	$\frac{103}{330}$	$\Phi_{330}^8\ \Phi_{165}^8\ \Phi_{66}^8\ \Phi_{55}\ \Phi_{33}^8\ \Phi_{30}^8\ \Phi_{15}^8\ \Phi_{11}\ \Phi_6^8\ \Phi_5\ \Phi_3^8\ \Phi_1^2$
141805	1816	252	$\frac{1}{12}$	$\frac{25}{252}$	$\frac{1}{9}$	$\frac{11}{36}$	$\Phi_{252}^8\ \Phi_{126}^8\ \Phi_{84}^8\ \Phi_{63}^8\ \Phi_{42}^8\ \Phi_{36}^3\ \Phi_{28}^8\ \Phi_{21}^8\ \Phi_{18}^3\ \Phi_{14}^8\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7^8\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141806	1816	324	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{9}$	$\frac{97}{324}$	$\Phi_{324}^8\ \Phi_{162}^8\ \Phi_{81}^8\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141807	1816	945	$\frac{37}{945}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_9^2\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
141808	1816	297	$\frac{1}{33}$	$\frac{4}{33}$	$\frac{70}{297}$	$\frac{29}{99}$	$\Phi_{297}^8\ \Phi_{33}^7\ \Phi_{27}^8\ \Phi_{11}^7\ \Phi_3^7\ \Phi_1^8$
141809	1816	315	$\frac{1}{35}$	$\frac{17}{105}$	$\frac{1}{5}$	$\frac{88}{315}$	$\Phi_{315}^8\ \Phi_{63}^8\ \Phi_{45}^8\ \Phi_{35}^4\ \Phi_9^8\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
141810	1816	465	$\frac{11}{465}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{465}^4\ \Phi_{155}^4\ \Phi_{93}^4\ \Phi_{31}^4\ \Phi_5^3\ \Phi_1^4$
141811	1816	242	$\frac{15}{242}$	$\frac{9}{121}$	$\frac{28}{121}$	$\frac{31}{121}$	$\Phi_{242}^8\ \Phi_{121}^7\ \Phi_{22}^8\ \Phi_{11}^7\ \Phi_2^8\ \Phi_1^8$
141812	1816	495	$\frac{3}{55}$	$\frac{41}{495}$	$\frac{13}{55}$	$\frac{14}{55}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^4\ \Phi_{55}\ \Phi_{45}^4\ \Phi_{33}^4\ \Phi_{15}^4\ \Phi_{11}\ \Phi_9^4\ \Phi_5\ \Phi_3^4\ \Phi_1^2$
141813	1816	2520	$\frac{3}{56}$	$\frac{1}{9}$	$\frac{53}{280}$	$\frac{1}{4}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{360}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{120}\ \Phi_{105}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
141814	1816	720	$\frac{13}{240}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^2\ \Phi_{180}^3\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^3\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141815	1816	2304	$\frac{3}{32}$	$\frac{1}{9}$	$\frac{29}{256}$	$\frac{1}{4}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
141816	1816	252	$\frac{25}{252}$	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{1}{4}$	$\Phi_{252}^7\ \Phi_{126}^7\ \Phi_{84}^7\ \Phi_{63}^7\ \Phi_{42}^7\ \Phi_{36}^8\ \Phi_{28}^8\ \Phi_{21}^7\ \Phi_{18}^8\ \Phi_{14}^8\ \Phi_{12}^8\ \Phi_9^7\ \Phi_7^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
141817	1816	300	$\frac{2}{75}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{73}{300}$	$\Phi_{300}^8\ \Phi_{150}^8\ \Phi_{100}^8\ \Phi_{60}^8\ \Phi_{50}^8\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^3\ \Phi_4^8\ \Phi_2^8\ \Phi_1^4$
141818	1816	280	$\frac{1}{35}$	$\frac{53}{280}$	$\frac{1}{5}$	$\frac{17}{70}$	$\Phi_{280}^8\ \Phi_{140}^8\ \Phi_{56}^8\ \Phi_{40}^8\ \Phi_{35}^4\ \Phi_{28}^8\ \Phi_{20}^8\ \Phi_8^8\ \Phi_7^4\ \Phi_5^3\ \Phi_4^8\ \Phi_1^4$
141819	1816	595	$\frac{31}{595}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{141}{595}$	$\Phi_{595}^3\ \Phi_{119}^3\ \Phi_{85}^3\ \Phi_{35}^4\ \Phi_{17}^3\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
141820	1816	275	$\frac{3}{55}$	$\frac{7}{55}$	$\frac{48}{275}$	$\frac{13}{55}$	$\Phi_{275}^8\ \Phi_{55}\ \Phi_{25}^8\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
141821	1816	585	$\frac{4}{65}$	$\frac{61}{585}$	$\frac{1}{5}$	$\frac{131}{585}$	$\Phi_{585}^3\ \Phi_{195}^3\ \Phi_{117}^3\ \Phi_{65}^4\ \Phi_{45}^3\ \Phi_{39}^3\ \Phi_{15}^3\ \Phi_{13}^4\ \Phi_9^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
141822	1816	1190	$\frac{11}{238}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{1190}^2\ \Phi_{595}^2\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{35}$
141823	1816	288	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{72}$	$\frac{61}{288}$	$\Phi_{288}^8\ \Phi_{144}^8\ \Phi_{96}^8\ \Phi_{48}^8\ \Phi_{36}^3\ \Phi_{32}^8\ \Phi_{18}^3\ \Phi_{16}^8\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141824	1816	242	$\frac{15}{242}$	$\frac{16}{121}$	$\frac{21}{121}$	$\frac{25}{121}$	$\Phi_{242}^8\ \Phi_{121}^7\ \Phi_{22}^8\ \Phi_{11}^7\ \Phi_2^8\ \Phi_1^8$
141825	1816	475	$\frac{21}{475}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{475}^4\ \Phi_{95}^4\ \Phi_{19}^4\ \Phi_5^3\ \Phi_1^4$
141826	1816	270	$\frac{2}{45}$	$\frac{43}{270}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{270}^8\ \Phi_{135}^8\ \Phi_{90}^8\ \Phi_{54}^8\ \Phi_{30}^8\ \Phi_{27}^8\ \Phi_{18}^8\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
141827	1816	525	$\frac{4}{75}$	$\frac{71}{525}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{525}^4\ \Phi_{175}^4\ \Phi_{105}^4\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
141828	1816	240	$\frac{13}{240}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{80}^8\ \Phi_{60}^8\ \Phi_{48}^8\ \Phi_{40}^8\ \Phi_{30}^8\ \Phi_{24}^8\ \Phi_{20}^8\ \Phi_{16}^8\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_8^8\ \Phi_6^8\ \Phi_5^3\ \Phi_4^8\ \Phi_2^8\ \Phi_1^4$
141829	1816	250	$\frac{2}{25}$	$\frac{23}{250}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{250}^8\ \Phi_{125}^8\ \Phi_{50}^8\ \Phi_{10}^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
141830	1816	495	$\frac{41}{495}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{33}^4\ \Phi_{11}^4\ \Phi_5^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
141831	1816	280	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{53}{280}$	$\frac{1}{5}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{56}^8\ \Phi_{40}^6\ \Phi_{35}^7\ \Phi_{28}^8\ \Phi_{20}^6\ \Phi_{14}^8\ \Phi_{10}^6\ \Phi_8^8\ \Phi_7^8\ \Phi_5^6\ \Phi_4^8\ \Phi_2^8\ \Phi_1^8$
141832	1816	525	$\frac{2}{35}$	$\frac{71}{525}$	$\frac{33}{175}$	$\frac{1}{5}$	$\Phi_{525}^4\ \Phi_{175}^2\ \Phi_{105}^4\ \Phi_{75}^4\ \Phi_{35}^4\ \Phi_{25}^2\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
141833	1816	1260	$\frac{25}{252}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{15}^2$
141834	1817	3616	$\frac{9}{1808}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1799}{3616}$	$\Phi_{3616}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
141835	1817	2184	$\frac{3}{364}$	$\frac{367}{2184}$	$\frac{1}{4}$	$\frac{361}{728}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{312}\ \Phi_{273}\ \Phi_{182}\ \Phi_{168}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}\ \Phi_{26}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{13}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
141836	1817	3600	$\frac{17}{1800}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1783}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
141837	1817	3600	$\frac{17}{1800}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1783}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
141838	1817	2432	$\frac{7}{608}$	$\frac{1}{8}$	$\frac{615}{2432}$	$\frac{601}{1216}$	$\Phi_{2432}\ \Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{128}\ \Phi_{76}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
141839	1817	2080	$\frac{3}{260}$	$\frac{263}{2080}$	$\frac{1}{4}$	$\frac{257}{520}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{416}\ \Phi_{260}\ \Phi_{208}\ \Phi_{160}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{20}\ \Phi_{16}\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_1$
141840	1817	1716	$\frac{1}{78}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{77}{156}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{286}^2\ \Phi_{156}\ \Phi_{143}^2\ \Phi_{78}^2\ \Phi_{66}^2\ \Phi_{52}\ \Phi_{44}\ \Phi_{39}^2\ \Phi_{33}^2\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{13}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
141841	1817	1716	$\frac{1}{78}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{77}{156}$	$\Phi_{1716}^2\ \Phi_{572}^2\ \Phi_{156}^3\ \Phi_{132}^2\ \Phi_{52}^3\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
141842	1817	3584	$\frac{25}{1792}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1767}{3584}$	$\Phi_{3584}\ \Phi_{512}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
141843	1817	3584	$\frac{25}{1792}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1767}{3584}$	$\Phi_{3584}\ \Phi_{512}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
141844	1817	1960	$\frac{3}{140}$	$\frac{143}{1960}$	$\frac{1}{4}$	$\frac{137}{280}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{70}\ \Phi_{49}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
141845	1817	3552	$\frac{41}{1776}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1735}{3552}$	$\Phi_{3552}\ \Phi_{1184}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
141846	1817	3536	$\frac{49}{1768}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{1719}{3536}$	$\Phi_{3536}\ \Phi_{272}\ \Phi_{208}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
141847	1817	456	$\frac{3}{76}$	$\frac{1}{24}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{456}^4\ \Phi_{228}^4\ \Phi_{152}^3\ \Phi_{114}^4\ \Phi_{76}^4\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{24}^7\ \Phi_{19}^4\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
141848	1817	3564	$\frac{2}{81}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{3564}\ \Phi_{1188}\ \Phi_{396}\ \Phi_{324}\ \Phi_{108}\ \Phi_{81}\ \Phi_{44}\ \Phi_{36}\ \Phi_{27}\ \Phi_9\ \Phi_4\ \Phi_1$
141849	1817	5148	$\frac{1}{39}$	$\frac{1}{22}$	$\frac{38}{117}$	$\frac{21}{44}$	$\Phi_{5148}\ \Phi_{468}\ \Phi_{396}\ \Phi_{117}\ \Phi_{44}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
141850	1817	1144	$\frac{1}{26}$	$\frac{1}{22}$	$\frac{25}{104}$	$\frac{21}{44}$	$\Phi_{1144}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{104}^3\ \Phi_{88}^2\ \Phi_{52}\ \Phi_{44}\ \Phi_{26}^2\ \Phi_{22}^2\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
141851	1817	924	$\frac{1}{22}$	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{21}{44}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{84}^3\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{42}^3\ \Phi_{33}^2\ \Phi_{28}^3\ \Phi_{22}^2\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}\ \Phi_{11}^2\ \Phi_7^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
141852	1817	4004	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{21}{44}$	$\Phi_{4004}\ \Phi_{364}\ \Phi_{308}\ \Phi_{91}\ \Phi_{44}\ \Phi_{28}\ \Phi_7\ \Phi_4\ \Phi_1$
141853	1817	3456	$\frac{89}{1728}$	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1639}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
141854	1817	600	$\frac{1}{24}$	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^3\ \Phi_{150}^2\ \Phi_{120}^4\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^4\ \Phi_{50}^2\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{25}^3\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
141855	1817	1872	$\frac{55}{1872}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
141856	1817	96	$\frac{1}{24}$	$\frac{1}{16}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{96}^{15}\ \Phi_{48}^{23}\ \Phi_{32}^{16}\ \Phi_{24}^{22}\ \Phi_{16}^{23}\ \Phi_{12}^{22}\ \Phi_8^{22}\ \Phi_6^{22}\ \Phi_4^{22}\ \Phi_3^{22}\ \Phi_2^{22}\ \Phi_1^{23}$
141857	1817	1920	$\frac{103}{1920}$	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{192}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
141858	1817	3360	$\frac{3}{140}$	$\frac{137}{1680}$	$\frac{1}{4}$	$\frac{1543}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{96}\ \Phi_{70}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
141859	1817	3344	$\frac{7}{152}$	$\frac{145}{1672}$	$\frac{1}{8}$	$\frac{1527}{3344}$	$\Phi_{3344}\ \Phi_{304}\ \Phi_{176}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
141860	1817	1680	$\frac{1}{80}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}^2\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{56}\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
141861	1817	144	$\frac{1}{24}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{144}$	$\Phi_{144}^{23}\ \Phi_{48}^{23}\ \Phi_{24}^7\ \Phi_{16}^{23}\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
141862	1817	1848	$\frac{31}{1848}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{24}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{11}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
141863	1817	160	$\frac{1}{80}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{160}^{16}\ \Phi_{80}^7\ \Phi_{40}^7\ \Phi_{32}^{15}\ \Phi_{20}^7\ \Phi_{16}^7\ \Phi_{10}^7\ \Phi_8^6\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
141864	1817	840	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{140}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}^4\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^4\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^4\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
141865	1817	80	$\frac{1}{80}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{80}^{23}\ \Phi_{40}^{22}\ \Phi_{20}^{23}\ \Phi_{16}^{23}\ \Phi_{10}^{23}\ \Phi_8^{22}\ \Phi_5^{23}\ \Phi_4^{22}\ \Phi_2^{22}\ \Phi_1^{23}$
141866	1817	3120	$\frac{3}{260}$	$\frac{257}{1560}$	$\frac{1}{4}$	$\frac{1303}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{260}\ \Phi_{240}\ \Phi_{208}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{48}\ \Phi_{26}\ \Phi_{20}\ \Phi_{16}\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_1$
141867	1817	3040	$\frac{7}{304}$	$\frac{1}{8}$	$\frac{297}{1520}$	$\frac{1223}{3040}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{304}\ \Phi_{160}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
141868	1817	1856	$\frac{39}{1856}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{32}\ \Phi_{29}\ \Phi_{16}\ \Phi_1$
141869	1817	384	$\frac{1}{24}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{384}^8\ \Phi_{128}^7\ \Phi_{48}^8\ \Phi_{24}^7\ \Phi_{16}^7\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
141870	1817	2912	$\frac{3}{364}$	$\frac{361}{1456}$	$\frac{1}{4}$	$\frac{1095}{2912}$	$\Phi_{2912}\ \Phi_{416}\ \Phi_{364}\ \Phi_{224}\ \Phi_{182}\ \Phi_{91}\ \Phi_{52}\ \Phi_{32}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}\ \Phi_{13}\ \Phi_7\ \Phi_1$
141871	1817	720	$\frac{1}{80}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{720}^2\ \Phi_{360}^2\ \Phi_{240}^4\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{120}^4\ \Phi_{90}^2\ \Phi_{80}^3\ \Phi_{72}^2\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{45}^2\ \Phi_{40}^3\ \Phi_{36}\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{16}^3\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^2\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
141872	1817	120	$\frac{1}{24}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{120}^{15}\ \Phi_{60}^{16}\ \Phi_{40}^{15}\ \Phi_{30}^{16}\ \Phi_{24}^{14}\ \Phi_{20}^{15}\ \Phi_{15}^{16}\ \Phi_{12}^{15}\ \Phi_{10}^{15}\ \Phi_8^{14}\ \Phi_6^{15}\ \Phi_5^{15}\ \Phi_4^{14}\ \Phi_3^{15}\ \Phi_2^{14}\ \Phi_1^{15}$
141873	1817	2736	$\frac{7}{456}$	$\frac{1}{8}$	$\frac{449}{1368}$	$\frac{919}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{144}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
141874	1817	2724	$\frac{1}{227}$	$\frac{226}{681}$	$\frac{907}{2724}$	$\frac{455}{1362}$	$\Phi_{2724}\ \Phi_{908}\ \Phi_{681}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
141875	1817	891	$\frac{2}{81}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{99}^2\ \Phi_{81}^3\ \Phi_{33}\ \Phi_{27}^3\ \Phi_9^3\ \Phi_3\ \Phi_1$
141876	1817	2340	$\frac{3}{260}$	$\frac{523}{2340}$	$\frac{1}{4}$	$\frac{257}{780}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{260}\ \Phi_{234}\ \Phi_{180}\ \Phi_{130}\ \Phi_{117}\ \Phi_{90}\ \Phi_{65}\ \Phi_{52}\ \Phi_{45}\ \Phi_{36}\ \Phi_{26}\ \Phi_{20}\ \Phi_{18}\ \Phi_{13}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
141877	1817	2700	$\frac{17}{900}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{883}{2700}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
141878	1817	2100	$\frac{3}{140}$	$\frac{283}{2100}$	$\frac{1}{4}$	$\frac{137}{420}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{140}\ \Phi_{100}\ \Phi_{75}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
141879	1817	1287	$\frac{1}{39}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{38}{117}$	$\Phi_{1287}^2\ \Phi_{117}^3\ \Phi_{99}^2\ \Phi_{33}\ \Phi_9^3\ \Phi_3\ \Phi_1$
141880	1817	2688	$\frac{25}{896}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{871}{2688}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
141881	1817	2688	$\frac{25}{896}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{871}{2688}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
141882	1817	2652	$\frac{49}{884}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{835}{2652}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{663}\ \Phi_{204}\ \Phi_{156}\ \Phi_{102}\ \Phi_{78}\ \Phi_{52}\ \Phi_{51}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
141883	1817	2016	$\frac{7}{96}$	$\frac{199}{2016}$	$\frac{1}{8}$	$\frac{89}{288}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
141884	1817	3432	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{25}{104}$	$\frac{10}{33}$	$\Phi_{3432}\ \Phi_{1716}\ \Phi_{312}\ \Phi_{264}\ \Phi_{156}\ \Phi_{132}\ \Phi_{104}\ \Phi_{52}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
141885	1817	924	$\frac{5}{84}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^3\ \Phi_{77}^2\ \Phi_{44}^2\ \Phi_{42}^3\ \Phi_{33}\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_7^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
141886	1817	3003	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{12}{91}$	$\frac{10}{33}$	$\Phi_{3003}\ \Phi_{273}\ \Phi_{231}\ \Phi_{91}\ \Phi_{33}\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1$
141887	1817	2592	$\frac{7}{96}$	$\frac{89}{864}$	$\frac{1}{8}$	$\frac{775}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{96}\ \Phi_{81}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
141888	1817	2400	$\frac{17}{600}$	$\frac{1}{8}$	$\frac{583}{2400}$	$\frac{7}{24}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
141889	1817	1872	$\frac{55}{1872}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
141890	1817	96	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{96}^{23}\ \Phi_{48}^{23}\ \Phi_{32}^{23}\ \Phi_{24}^{7}\ \Phi_{16}^{23}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
141891	1817	2160	$\frac{17}{360}$	$\frac{1}{8}$	$\frac{343}{2160}$	$\frac{7}{24}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
141892	1817	1920	$\frac{103}{1920}$	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{7}{24}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
141893	1817	1860	$\frac{43}{1860}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{465}\ \Phi_{372}\ \Phi_{310}\ \Phi_{186}\ \Phi_{155}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
141894	1817	2520	$\frac{3}{140}$	$\frac{137}{840}$	$\frac{1}{4}$	$\frac{703}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}\ \Phi_{14}\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
141895	1817	360	$\frac{1}{24}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{4}\ \Phi_{90}^{5}\ \Phi_{72}^{6}\ \Phi_{60}^{4}\ \Phi_{45}^{5}\ \Phi_{40}^{4}\ \Phi_{36}^{6}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{4}\ \Phi_{18}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{9}^{5}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141896	1817	2240	$\frac{3}{140}$	$\frac{423}{2240}$	$\frac{137}{560}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{64}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
141897	1817	2400	$\frac{17}{600}$	$\frac{3}{20}$	$\frac{583}{2400}$	$\frac{1}{4}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
141898	1817	1904	$\frac{87}{1904}$	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{272}\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{68}\ \Phi_{34}\ \Phi_{28}\ \Phi_{17}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
141899	1817	2240	$\frac{25}{448}$	$\frac{3}{28}$	$\frac{423}{2240}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{320}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
141900	1817	1900	$\frac{83}{1900}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{475}\ \Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
141901	1817	2160	$\frac{17}{360}$	$\frac{3}{20}$	$\frac{343}{2160}$	$\frac{1}{4}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
141902	1817	1920	$\frac{103}{1920}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
141903	1817	2100	$\frac{17}{300}$	$\frac{283}{2100}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
141904	1817	1980	$\frac{163}{1980}$	$\frac{17}{180}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
141905	1817	2000	$\frac{17}{200}$	$\frac{183}{2000}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{125}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
141906	1817	2016	$\frac{199}{2016}$	$\frac{3}{28}$	$\frac{25}{224}$	$\frac{1}{4}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
141907	1817	1920	$\frac{103}{1920}$	$\frac{1}{8}$	$\frac{25}{128}$	$\frac{7}{32}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
141908	1817	2240	$\frac{25}{448}$	$\frac{1}{8}$	$\frac{423}{2240}$	$\frac{7}{32}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{320}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
141909	1817	2048	$\frac{25}{256}$	$\frac{231}{2048}$	$\frac{1}{8}$	$\frac{7}{32}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{512}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
141910	1817	2016	$\frac{199}{2016}$	$\frac{25}{224}$	$\frac{1}{8}$	$\frac{7}{32}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
141911	1817	2304	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{576}$	$\frac{487}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
141912	1817	600	$\frac{1}{24}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{600}^{3}\ \Phi_{300}^{3}\ \Phi_{200}^{3}\ \Phi_{150}^{3}\ \Phi_{120}^{4}\ \Phi_{100}^{2}\ \Phi_{75}^{3}\ \Phi_{60}^{4}\ \Phi_{50}^{2}\ \Phi_{40}^{4}\ \Phi_{30}^{4}\ \Phi_{25}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
141913	1818	3020	$\frac{1}{302}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{301}{604}$	$\Phi_{3020}\ \Phi_{604}^{2}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
141914	1818	1812	$\frac{1}{302}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{301}{604}$	$\Phi_{1812}\ \Phi_{906}^{2}\ \Phi_{453}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
141915	1818	5430	$\frac{4}{905}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{901}{1810}$	$\Phi_{5430}\ \Phi_{1086}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
141916	1818	3216	$\frac{1}{201}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{100}{201}$	$\Phi_{3216}\ \Phi_{1072}\ \Phi_{201}\ \Phi_{67}\ \Phi_{48}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
141917	1818	804	$\frac{1}{201}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{100}{201}$	$\Phi_{804}^2\ \Phi_{402}^2\ \Phi_{268}^2\ \Phi_{201}^3\ \Phi_{134}^2\ \Phi_{67}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
141918	1818	1092	$\frac{1}{182}$	$\frac{61}{364}$	$\frac{1}{3}$	$\frac{181}{364}$	$\Phi_{1092}^2\ \Phi_{546}^3\ \Phi_{273}^3\ \Phi_{156}^2\ \Phi_{84}^2\ \Phi_{78}^3\ \Phi_{42}^3\ \Phi_{39}^3\ \Phi_{21}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
141919	1818	1806	$\frac{2}{301}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{299}{602}$	$\Phi_{1806}^3\ \Phi_{258}^3\ \Phi_{42}^3\ \Phi_{21}\ \Phi_6^3$
141920	1818	1817	$\frac{13}{1817}$	$\frac{305}{1817}$	$\frac{504}{1817}$	$\frac{902}{1817}$	$\Phi_{1817}\ \Phi_{79}\ \Phi_{23}\ \Phi_1^2$
141921	1818	3120	$\frac{1}{130}$	$\frac{131}{1040}$	$\frac{1}{3}$	$\frac{129}{260}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{624}\ \Phi_{390}\ \Phi_{312}\ \Phi_{240}\ \Phi_{195}\ \Phi_{120}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
141922	1818	2428	$\frac{5}{607}$	$\frac{102}{607}$	$\frac{1}{4}$	$\frac{301}{607}$	$\Phi_{2428}\ \Phi_{1214}$
141923	1818	3400	$\frac{1}{100}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{99}{200}$	$\Phi_{3400}\ \Phi_{680}\ \Phi_{200}^2\ \Phi_{136}\ \Phi_{40}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_1^2$
141924	1818	600	$\frac{1}{100}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{99}{200}$	$\Phi_{600}^9\ \Phi_{120}^9\ \Phi_{30}\ \Phi_{24}^9\ \Phi_{15}\ \Phi_6$
141925	1818	3400	$\frac{1}{100}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{99}{200}$	$\Phi_{3400}\ \Phi_{680}\ \Phi_{200}^2\ \Phi_{136}\ \Phi_{40}^2\ \Phi_{17}\ \Phi_8^2\ \Phi_1^2$
141926	1818	1400	$\frac{1}{100}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{99}{200}$	$\Phi_{1400}^3\ \Phi_{280}^3\ \Phi_{56}^3\ \Phi_{28}\ \Phi_{14}$
141927	1818	1738	$\frac{1}{79}$	$\frac{40}{869}$	$\frac{829}{1738}$	$\frac{39}{79}$	$\Phi_{1738}^2\ \Phi_{158}^2\ \Phi_{79}\ \Phi_{22}^2\ \Phi_2^2\ \Phi_1^2$
141928	1818	598	$\frac{4}{299}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{295}{598}$	$\Phi_{598}^6\ \Phi_{46}^6\ \Phi_{26}^6\ \Phi_{23}\ \Phi_2^6\ \Phi_1^2$
141929	1818	1794	$\frac{4}{299}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{295}{598}$	$\Phi_{1794}^3\ \Phi_{138}^3\ \Phi_{78}^3\ \Phi_{39}\ \Phi_6^3$
141930	1818	598	$\frac{4}{299}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{295}{598}$	$\Phi_{598}^6\ \Phi_{46}^6\ \Phi_{26}^6\ \Phi_{23}\ \Phi_2^6\ \Phi_1^2$
141931	1818	2940	$\frac{1}{70}$	$\frac{71}{980}$	$\frac{1}{3}$	$\frac{69}{140}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{735}\ \Phi_{588}\ \Phi_{294}\ \Phi_{210}\ \Phi_{147}\ \Phi_{105}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
141932	1818	5376	$\frac{13}{896}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{883}{1792}$	$\Phi_{5376}\ \Phi_{768}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
141933	1818	3762	$\frac{2}{99}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{97}{198}$	$\Phi_{3762}\ \Phi_{1254}\ \Phi_{418}\ \Phi_{342}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
141934	1818	4144	$\frac{7}{296}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{289}{592}$	$\Phi_{4144}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
141935	1818	5304	$\frac{25}{884}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{859}{1768}$	$\Phi_{5304}\ \Phi_{408}\ \Phi_{312}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_6$
141936	1818	2584	$\frac{1}{34}$	$\frac{1}{19}$	$\frac{35}{136}$	$\frac{33}{68}$	$\Phi_{2584}\ \Phi_{646}\ \Phi_{323}\ \Phi_{152}\ \Phi_{38}$
141937	1818	980	$\frac{3}{98}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{95}{196}$	$\Phi_{980}^4\ \Phi_{196}^2\ \Phi_{140}^4\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}^4\ \Phi_{14}\ \Phi_4^2$
141938	1818	580	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{15}{116}$	$\frac{14}{29}$	$\Phi_{580}^4\ \Phi_{290}^3\ \Phi_{145}^3\ \Phi_{116}^2\ \Phi_{58}\ \Phi_{29}^2\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
141939	1818	312	$\frac{3}{104}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{312}^9\ \Phi_{156}^8\ \Phi_{78}^9\ \Phi_{39}^9\ \Phi_{24}^9\ \Phi_{12}^8\ \Phi_6^9\ \Phi_3^8$
141940	1818	5250	$\frac{1}{35}$	$\frac{34}{875}$	$\frac{1}{3}$	$\frac{841}{1750}$	$\Phi_{5250}\ \Phi_{1050}\ \Phi_{750}\ \Phi_{210}\ \Phi_{150}\ \Phi_{105}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
141941	1818	1748	$\frac{35}{874}$	$\frac{1}{23}$	$\frac{11}{46}$	$\frac{839}{1748}$	$\Phi_{1748}^2\ \Phi_{92}^2\ \Phi_{76}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
141942	1818	1196	$\frac{12}{299}$	$\frac{1}{23}$	$\frac{287}{1196}$	$\frac{11}{23}$	$\Phi_{1196}^2\ \Phi_{598}^2\ \Phi_{92}^2\ \Phi_{52}^2\ \Phi_{46}^2\ \Phi_{26}^2\ \Phi_{23}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
141943	1818	322	$\frac{1}{23}$	$\frac{19}{322}$	$\frac{4}{23}$	$\frac{11}{23}$	$\Phi_{322}^6\ \Phi_{161}^6\ \Phi_{46}^6\ \Phi_{23}\ \Phi_{14}^6\ \Phi_7^6\ \Phi_2^6\ \Phi_1^2$
141944	1818	3648	$\frac{5}{96}$	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{91}{192}$	$\Phi_{3648}\ \Phi_{1216}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
141945	1818	1344	$\frac{5}{96}$	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{91}{192}$	$\Phi_{1344}^3\ \Phi_{448}^3\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
141946	1818	575	$\frac{1}{23}$	$\frac{31}{575}$	$\frac{22}{115}$	$\frac{272}{575}$	$\Phi_{575}^3\ \Phi_{115}^4\ \Phi_{25}^3\ \Phi_{23}^3\ \Phi_5^4\ \Phi_1^4$
141947	1818	2550	$\frac{1}{50}$	$\frac{1}{17}$	$\frac{49}{150}$	$\frac{8}{17}$	$\Phi_{2550}\ \Phi_{1275}\ \Phi_{510}\ \Phi_{255}\ \Phi_{150}^2\ \Phi_{102}\ \Phi_{75}^2\ \Phi_{51}\ \Phi_{30}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
141948	1818	1768	$\frac{3}{104}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{442}\ \Phi_{221}\ \Phi_{136}\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{17}\ \Phi_{13}^2\ \Phi_8^2\ \Phi_1^2$
141949	1818	1785	$\frac{4}{105}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}^2\ \Phi_{51}\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^2$
141950	1818	2125	$\frac{1}{25}$	$\frac{1}{17}$	$\frac{24}{125}$	$\frac{8}{17}$	$\Phi_{2125}\ \Phi_{125}^2\ \Phi_{17}\ \Phi_1^2$
141951	1818	2040	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{19}{120}$	$\frac{8}{17}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}^2\ \Phi_{102}\ \Phi_{60}^2\ \Phi_{51}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
141952	1818	1870	$\frac{1}{17}$	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{8}{17}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{374}\ \Phi_{187}\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{22}^2\ \Phi_{17}\ \Phi_{11}^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
141953	1818	368	$\frac{1}{23}$	$\frac{11}{184}$	$\frac{65}{368}$	$\frac{173}{368}$	$\Phi_{368}^4\ \Phi_{184}^6\ \Phi_{92}^6\ \Phi_{46}^6\ \Phi_{23}^5\ \Phi_{16}^4\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
141954	1818	2240	$\frac{17}{320}$	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
141955	1818	1330	$\frac{1}{19}$	$\frac{6}{95}$	$\frac{1}{7}$	$\frac{89}{190}$	$\Phi_{1330}^3\ \Phi_{266}^3\ \Phi_{133}\ \Phi_{70}^3\ \Phi_{14}^3$
141956	1818	316	$\frac{13}{316}$	$\frac{5}{79}$	$\frac{14}{79}$	$\frac{37}{79}$	$\Phi_{316}^6\ \Phi_{158}^6\ \Phi_{79}^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
141957	1818	924	$\frac{5}{308}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{924}^3\ \Phi_{462}^3\ \Phi_{231}^3\ \Phi_{132}^3\ \Phi_{84}^2\ \Phi_{66}^3\ \Phi_{42}^3\ \Phi_{33}^3\ \Phi_{21}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
141958	1818	5070	$\frac{1}{65}$	$\frac{64}{845}$	$\frac{1}{3}$	$\frac{781}{1690}$	$\Phi_{5070}\ \Phi_{1014}\ \Phi_{390}\ \Phi_{195}\ \Phi_{78}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
141959	1818	1680	$\frac{1}{70}$	$\frac{23}{280}$	$\frac{1}{3}$	$\frac{257}{560}$	$\Phi_{1680}^3\ \Phi_{336}^3\ \Phi_{240}^3\ \Phi_{210}\ \Phi_{105}\ \Phi_{48}^3\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
141960	1818	553	$\frac{1}{79}$	$\frac{53}{553}$	$\frac{26}{79}$	$\frac{250}{553}$	$\Phi_{553}^3\ \Phi_{79}^5\ \Phi_7^3\ \Phi_1^6$
141961	1818	184	$\frac{1}{23}$	$\frac{9}{92}$	$\frac{11}{92}$	$\frac{83}{184}$	$\Phi_{184}^{18}\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_8^{18}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
141962	1818	2760	$\frac{11}{920}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{120}\ \Phi_{69}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
141963	1818	546	$\frac{1}{91}$	$\frac{10}{91}$	$\frac{1}{3}$	$\frac{81}{182}$	$\Phi_{546}^9\ \Phi_{273}\ \Phi_{78}^9\ \Phi_{42}^9\ \Phi_{39}\ \Phi_{21}\ \Phi_6^9$
141964	1818	1264	$\frac{1}{79}$	$\frac{39}{316}$	$\frac{355}{1264}$	$\frac{277}{632}$	$\Phi_{1264}^2\ \Phi_{316}^2\ \Phi_{158}^2\ \Phi_{79}\ \Phi_{16}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
141965	1818	816	$\frac{1}{102}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{816}^4\ \Phi_{272}^4\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{48}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{16}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
141966	1818	1072	$\frac{1}{67}$	$\frac{1}{8}$	$\frac{33}{134}$	$\frac{7}{16}$	$\Phi_{1072}^3\ \Phi_{134}^2\ \Phi_{67}\ \Phi_{16}^4\ \Phi_2^2\ \Phi_1^2$
141967	1818	1610	$\frac{1}{23}$	$\frac{11}{115}$	$\frac{104}{805}$	$\frac{701}{1610}$	$\Phi_{1610}^2\ \Phi_{322}^2\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{70}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
141968	1818	532	$\frac{1}{38}$	$\frac{37}{266}$	$\frac{1}{7}$	$\frac{229}{532}$	$\Phi_{532}^6\ \Phi_{266}\ \Phi_{133}\ \Phi_{76}^6\ \Phi_{28}^6\ \Phi_{14}\ \Phi_4^6$
141969	1818	210	$\frac{4}{105}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{210}^{10}\ \Phi_{105}^8\ \Phi_{70}^9\ \Phi_{42}^{10}\ \Phi_{35}^7\ \Phi_{30}^{10}\ \Phi_{21}^8\ \Phi_{15}^8\ \Phi_{14}^9\ \Phi_{10}^8\ \Phi_7^8\ \Phi_6^{10}\ \Phi_5^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
141970	1818	1580	$\frac{1}{79}$	$\frac{119}{790}$	$\frac{39}{158}$	$\frac{671}{1580}$	$\Phi_{1580}^2\ \Phi_{316}^2\ \Phi_{158}^2\ \Phi_{79}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
141971	1818	870	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{14}{87}$	$\frac{73}{174}$	$\Phi_{870}^2\ \Phi_{435}^2\ \Phi_{290}^3\ \Phi_{145}^3\ \Phi_{87}^2\ \Phi_{58}\ \Phi_{30}^2\ \Phi_{29}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
141972	1818	1560	$\frac{1}{130}$	$\frac{43}{260}$	$\frac{1}{3}$	$\frac{217}{520}$	$\Phi_{1560}^3\ \Phi_{390}\ \Phi_{312}^3\ \Phi_{195}\ \Phi_{120}^3\ \Phi_{78}\ \Phi_{39}\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{15}\ \Phi_6$
141973	1818	2052	$\frac{1}{19}$	$\frac{7}{108}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{513}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
141974	1818	3230	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{69}{170}$	$\Phi_{3230}\ \Phi_{646}\ \Phi_{323}\ \Phi_{190}\ \Phi_{38}$
141975	1818	755	$\frac{1}{151}$	$\frac{1}{5}$	$\frac{50}{151}$	$\frac{2}{5}$	$\Phi_{755}^2\ \Phi_{151}^4\ \Phi_5^3\ \Phi_1^6$
141976	1818	1020	$\frac{1}{102}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1020}^2\ \Phi_{510}\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{204}^4\ \Phi_{170}\ \Phi_{102}^2\ \Phi_{85}\ \Phi_{68}^4\ \Phi_{60}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{17}^2\ \Phi_{15}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
141977	1818	1817	$\frac{11}{1817}$	$\frac{405}{1817}$	$\frac{602}{1817}$	$\frac{706}{1817}$	$\Phi_{1817}\ \Phi_{79}\ \Phi_{23}\ \Phi_1^2$
141978	1818	1472	$\frac{1}{23}$	$\frac{11}{184}$	$\frac{173}{736}$	$\frac{563}{1472}$	$\Phi_{1472}^2\ \Phi_{184}^2\ \Phi_{92}^2\ \Phi_{64}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
141979	1818	4368	$\frac{1}{182}$	$\frac{181}{728}$	$\frac{1}{3}$	$\frac{547}{1456}$	$\Phi_{4368}\ \Phi_{624}\ \Phi_{546}\ \Phi_{336}\ \Phi_{273}\ \Phi_{78}\ \Phi_{48}\ \Phi_{42}\ \Phi_{39}\ \Phi_{21}\ \Phi_6$
141980	1818	1938	$\frac{1}{102}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1938}\ \Phi_{969}\ \Phi_{646}\ \Phi_{323}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
141981	1818	158	$\frac{1}{79}$	$\frac{13}{79}$	$\frac{22}{79}$	$\frac{57}{158}$	$\Phi_{158}^{18}\ \Phi_{79}^5\ \Phi_2^{18}\ \Phi_1^6$
141982	1818	316	$\frac{13}{316}$	$\frac{4}{79}$	$\frac{25}{79}$	$\frac{27}{79}$	$\Phi_{316}^6\ \Phi_{158}^6\ \Phi_{79}^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
141983	1818	460	$\frac{1}{23}$	$\frac{11}{230}$	$\frac{73}{230}$	$\frac{157}{460}$	$\Phi_{460}^6\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{92}^6\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{20}^6\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^6\ \Phi_2^2\ \Phi_1^2$
141984	1818	1064	$\frac{1}{76}$	$\frac{1}{7}$	$\frac{25}{76}$	$\frac{51}{152}$	$\Phi_{1064}^3\ \Phi_{532}\ \Phi_{266}\ \Phi_{133}\ \Phi_{56}^3\ \Phi_{28}\ \Phi_{14}$
141985	1818	1817	$\frac{14}{1817}$	$\frac{403}{1817}$	$\frac{601}{1817}$	$\frac{608}{1817}$	$\Phi_{1817}\ \Phi_{79}\ \Phi_{23}\ \Phi_1^2$
141986	1818	2428	$\frac{4}{607}$	$\frac{1}{4}$	$\frac{201}{607}$	$\frac{203}{607}$	$\Phi_{2428}\ \Phi_{1214}$
141987	1818	1812	$\frac{1}{151}$	$\frac{1}{4}$	$\frac{50}{151}$	$\frac{1}{3}$	$\Phi_{1812}^2\ \Phi_{906}^2\ \Phi_{12}^3\ \Phi_6^3$
141988	1818	390	$\frac{1}{130}$	$\frac{29}{130}$	$\frac{43}{130}$	$\frac{1}{3}$	$\Phi_{390}^7\ \Phi_{195}^7\ \Phi_{78}^7\ \Phi_{39}^7\ \Phi_{30}^7\ \Phi_{15}^7\ \Phi_6^7\ \Phi_3^6$
141989	1818	1092	$\frac{1}{91}$	$\frac{61}{364}$	$\frac{30}{91}$	$\frac{1}{3}$	$\Phi_{1092}^3\ \Phi_{546}^3\ \Phi_{273}\ \Phi_{156}^3\ \Phi_{84}^3\ \Phi_{78}^3\ \Phi_{42}^3\ \Phi_{39}\ \Phi_{21}\ \Phi_{12}^3\ \Phi_6^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
141990	1818	1050	$\frac{1}{70}$	$\frac{47}{350}$	$\frac{23}{70}$	$\frac{1}{3}$	$\Phi_{1050}^{3}\ \Phi_{525}^{3}\ \Phi_{210}\ \Phi_{150}^{3}\ \Phi_{105}\ \Phi_{75}^{3}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{6}$
141991	1818	150	$\frac{1}{50}$	$\frac{1}{10}$	$\frac{49}{150}$	$\frac{1}{3}$	$\Phi_{150}^{9}\ \Phi_{75}^{9}\ \Phi_{50}^{18}\ \Phi_{30}^{10}\ \Phi_{25}^{18}\ \Phi_{15}^{10}\ \Phi_{10}^{18}\ \Phi_{6}^{10}\ \Phi_{5}^{18}\ \Phi_{3}^{9}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
141992	1818	1344	$\frac{13}{448}$	$\frac{1}{14}$	$\frac{145}{448}$	$\frac{1}{3}$	$\Phi_{1344}^{2}\ \Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{192}^{2}\ \Phi_{168}^{2}\ \Phi_{96}^{2}\ \Phi_{84}^{2}\ \Phi_{48}^{2}\ \Phi_{42}^{3}\ \Phi_{24}^{2}\ \Phi_{21}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
141993	1818	1326	$\frac{1}{26}$	$\frac{25}{442}$	$\frac{139}{442}$	$\frac{1}{3}$	$\Phi_{1326}^{2}\ \Phi_{663}^{2}\ \Phi_{102}^{2}\ \Phi_{78}^{3}\ \Phi_{51}^{2}\ \Phi_{39}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
141994	1818	105	$\frac{4}{105}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{105}^{17}\ \Phi_{35}^{18}\ \Phi_{21}^{17}\ \Phi_{15}^{17}\ \Phi_{7}^{18}\ \Phi_{5}^{18}\ \Phi_{3}^{16}\ \Phi_{1}^{18}$
141995	1818	312	$\frac{3}{104}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{312}^{9}\ \Phi_{156}^{9}\ \Phi_{78}^{9}\ \Phi_{39}^{7}\ \Phi_{24}^{9}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{3}^{6}$
141996	1818	930	$\frac{7}{310}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{930}^{3}\ \Phi_{465}^{3}\ \Phi_{186}^{3}\ \Phi_{93}^{3}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
141997	1818	924	$\frac{5}{308}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{924}^{3}\ \Phi_{462}^{3}\ \Phi_{231}^{3}\ \Phi_{132}^{3}\ \Phi_{84}^{3}\ \Phi_{66}^{3}\ \Phi_{42}^{3}\ \Phi_{33}^{3}\ \Phi_{21}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
141998	1818	420	$\frac{1}{70}$	$\frac{23}{140}$	$\frac{39}{140}$	$\frac{1}{3}$	$\Phi_{420}^{6}\ \Phi_{210}^{7}\ \Phi_{105}^{7}\ \Phi_{84}^{6}\ \Phi_{60}^{6}\ \Phi_{42}^{7}\ \Phi_{30}^{7}\ \Phi_{21}^{7}\ \Phi_{15}^{7}\ \Phi_{12}^{6}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
141999	1818	204	$\frac{1}{102}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^{8}\ \Phi_{102}^{10}\ \Phi_{68}^{8}\ \Phi_{51}^{10}\ \Phi_{34}^{10}\ \Phi_{17}^{10}\ \Phi_{12}^{6}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
142000	1818	1560	$\frac{3}{104}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1560}^{2}\ \Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{312}\ \Phi_{195}^{2}\ \Phi_{156}\ \Phi_{120}^{2}\ \Phi_{78}\ \Phi_{39}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{6}$
142001	1818	3360	$\frac{1}{70}$	$\frac{211}{1120}$	$\frac{69}{280}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{672}\ \Phi_{480}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{105}\ \Phi_{96}\ \Phi_{48}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{6}$
142002	1818	3612	$\frac{6}{301}$	$\frac{1}{7}$	$\frac{295}{1204}$	$\frac{1}{3}$	$\Phi_{3612}\ \Phi_{1806}\ \Phi_{516}\ \Phi_{258}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
142003	1818	1200	$\frac{3}{100}$	$\frac{1}{10}$	$\frac{97}{400}$	$\frac{1}{3}$	$\Phi_{1200}^{3}\ \Phi_{600}^{3}\ \Phi_{240}^{3}\ \Phi_{120}^{3}\ \Phi_{48}^{3}\ \Phi_{30}\ \Phi_{24}^{3}\ \Phi_{15}\ \Phi_{6}$
142004	1818	3588	$\frac{12}{299}$	$\frac{1}{13}$	$\frac{287}{1196}$	$\frac{1}{3}$	$\Phi_{3588}\ \Phi_{1794}\ \Phi_{276}\ \Phi_{156}\ \Phi_{138}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_{6}$
142005	1818	2508	$\frac{1}{19}$	$\frac{2}{33}$	$\frac{31}{132}$	$\frac{1}{3}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{836}\ \Phi_{418}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
142006	1818	2856	$\frac{43}{952}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{408}\ \Phi_{357}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
142007	1818	390	$\frac{2}{65}$	$\frac{7}{65}$	$\frac{29}{130}$	$\frac{1}{3}$	$\Phi_{390}^{9}\ \Phi_{195}^{5}\ \Phi_{78}^{9}\ \Phi_{39}^{5}\ \Phi_{30}^{9}\ \Phi_{15}^{5}\ \Phi_{6}^{9}\ \Phi_{3}^{4}$
142008	1818	2052	$\frac{1}{19}$	$\frac{7}{108}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{513}\ \Phi_{342}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
142009	1818	210	$\frac{4}{105}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^{10}\ \Phi_{105}^{8}\ \Phi_{70}^{10}\ \Phi_{42}^{10}\ \Phi_{35}^{8}\ \Phi_{30}^{6}\ \Phi_{21}^{8}\ \Phi_{15}^{5}\ \Phi_{14}^{10}\ \Phi_{10}^{10}\ \Phi_{7}^{8}\ \Phi_{6}^{6}\ \Phi_{5}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{10}\ \Phi_{1}^{8}$
142010	1818	1050	$\frac{1}{35}$	$\frac{47}{350}$	$\frac{34}{175}$	$\frac{1}{3}$	$\Phi_{1050}^{3}\ \Phi_{525}^{2}\ \Phi_{210}^{3}\ \Phi_{150}^{3}\ \Phi_{105}^{3}\ \Phi_{75}^{2}\ \Phi_{42}^{3}\ \Phi_{30}^{3}\ \Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
142011	1818	750	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{24}{125}$	$\frac{1}{3}$	$\Phi_{750}^{5}\ \Phi_{375}^{4}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
142012	1818	3360	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{211}{1120}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{480}\ \Phi_{420}\ \Phi_{240}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{6}$
142013	1818	2850	$\frac{41}{950}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{2850}\ \Phi_{1425}\ \Phi_{570}\ \Phi_{285}\ \Phi_{114}\ \Phi_{57}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
142014	1818	120	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{19}{120}$	$\frac{1}{3}$	$\Phi_{120}^{18}\ \Phi_{60}^{9}\ \Phi_{40}^{18}\ \Phi_{30}^{10}\ \Phi_{24}^{18}\ \Phi_{20}^{18}\ \Phi_{15}^{10}\ \Phi_{12}^{9}\ \Phi_{10}^{18}\ \Phi_{8}^{18}\ \Phi_{6}^{10}\ \Phi_{5}^{18}\ \Phi_{4}^{18}\ \Phi_{3}^{9}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
142015	1818	960	$\frac{17}{320}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{3}$	$\Phi_{960}^{3}\ \Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{192}^{3}\ \Phi_{120}^{3}\ \Phi_{96}^{3}\ \Phi_{48}^{3}\ \Phi_{30}\ \Phi_{24}^{3}\ \Phi_{15}\ \Phi_{6}$
142016	1818	1050	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{47}{350}$	$\frac{1}{3}$	$\Phi_{1050}^{3}\ \Phi_{525}^{3}\ \Phi_{210}^{3}\ \Phi_{105}^{3}\ \Phi_{42}^{3}\ \Phi_{30}\ \Phi_{21}^{3}\ \Phi_{15}\ \Phi_{6}$
142017	1818	336	$\frac{1}{14}$	$\frac{11}{112}$	$\frac{13}{112}$	$\frac{1}{3}$	$\Phi_{336}^{8}\ \Phi_{168}^{8}\ \Phi_{84}^{8}\ \Phi_{48}^{8}\ \Phi_{42}^{9}\ \Phi_{24}^{8}\ \Phi_{21}^{9}\ \Phi_{12}^{8}\ \Phi_{6}^{9}\ \Phi_{3}^{8}$
142018	1818	330	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{3}$	$\Phi_{330}^{9}\ \Phi_{165}^{9}\ \Phi_{66}^{9}\ \Phi_{33}^{9}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
142019	1818	3000	$\frac{9}{100}$	$\frac{91}{1000}$	$\frac{1}{10}$	$\frac{1}{3}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{600}\ \Phi_{375}\ \Phi_{120}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{6}$
142020	1818	2550	$\frac{1}{50}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{49}{150}$	$\Phi_{2550}\ \Phi_{1275}\ \Phi_{510}\ \Phi_{255}\ \Phi_{150}^{2}\ \Phi_{102}\ \Phi_{75}^{2}\ \Phi_{51}\ \Phi_{30}^{2}\ \Phi_{17}\ \Phi_{15}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
142021	1818	2100	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{49}{150}$	$\Phi_{2100}^{2}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}^{2}\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
142022	1818	299	$\frac{8}{299}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{97}{299}$	$\Phi_{299}^{6}\ \Phi_{23}^{7}\ \Phi_{13}^{6}\ \Phi_{1}^{8}$
142023	1818	2610	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{59}{261}$	$\frac{28}{87}$	$\Phi_{2610}\ \Phi_{1305}\ \Phi_{522}\ \Phi_{290}\ \Phi_{145}\ \Phi_{90}\ \Phi_{58}\ \Phi_{45}\ \Phi_{18}$
142024	1818	798	$\frac{1}{19}$	$\frac{13}{114}$	$\frac{1}{7}$	$\frac{6}{19}$	$\Phi_{798}^{3}\ \Phi_{399}^{3}\ \Phi_{266}^{3}\ \Phi_{133}\ \Phi_{42}^{3}\ \Phi_{21}^{3}\ \Phi_{14}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
142025	1818	1470	$\frac{3}{49}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{46}{147}$	$\Phi_{1470}^2\ \Phi_{735}^2\ \Phi_{294}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{6}^2$
142026	1818	112	$\frac{1}{16}$	$\frac{11}{112}$	$\frac{1}{7}$	$\frac{5}{16}$	$\Phi_{112}^{16}\ \Phi_{56}^{16}\ \Phi_{28}^{16}\ \Phi_{16}^{18}\ \Phi_{14}^{16}\ \Phi_{8}^{18}\ \Phi_{7}^{15}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
142027	1818	2736	$\frac{1}{19}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{144}$	$\Phi_{2736}\ \Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
142028	1818	1008	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{7}$	$\frac{43}{144}$	$\Phi_{1008}^3\ \Phi_{504}^3\ \Phi_{252}^3\ \Phi_{126}^3\ \Phi_{112}\ \Phi_{63}^3\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
142029	1818	1768	$\frac{3}{104}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{442}\ \Phi_{221}\ \Phi_{136}\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{17}\ \Phi_{13}^2\ \Phi_{8}^2\ \Phi_{1}^2$
142030	1818	1785	$\frac{4}{105}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}^2\ \Phi_{51}\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^2$
142031	1818	2125	$\frac{1}{25}$	$\frac{2}{17}$	$\frac{24}{125}$	$\frac{5}{17}$	$\Phi_{2125}\ \Phi_{125}^2\ \Phi_{17}\ \Phi_{1}^2$
142032	1818	2040	$\frac{1}{20}$	$\frac{2}{17}$	$\frac{19}{120}$	$\frac{5}{17}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}^2\ \Phi_{102}\ \Phi_{60}^2\ \Phi_{51}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
142033	1818	1870	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{374}\ \Phi_{187}\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{22}^2\ \Phi_{17}\ \Phi_{11}^2\ \Phi_{1}^2$
142034	1818	368	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{65}{368}$	$\frac{27}{92}$	$\Phi_{368}^6\ \Phi_{184}^6\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{16}^6\ \Phi_{8}^6\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
142035	1818	115	$\frac{1}{23}$	$\frac{14}{115}$	$\frac{22}{115}$	$\frac{31}{115}$	$\Phi_{115}^{16}\ \Phi_{23}^{15}\ \Phi_{5}^{16}\ \Phi_{1}^{16}$
142036	1818	268	$\frac{1}{67}$	$\frac{33}{134}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{268}^6\ \Phi_{134}^8\ \Phi_{67}^7\ \Phi_{4}^8\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
142037	1818	728	$\frac{3}{104}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{728}^3\ \Phi_{364}^3\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{56}^3\ \Phi_{28}\ \Phi_{14}$
142038	1818	2800	$\frac{3}{100}$	$\frac{1}{7}$	$\frac{97}{400}$	$\frac{1}{4}$	$\Phi_{2800}\ \Phi_{1400}\ \Phi_{560}\ \Phi_{280}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
142039	1818	420	$\frac{4}{105}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^6\ \Phi_{210}^6\ \Phi_{140}^5\ \Phi_{84}^6\ \Phi_{70}^5\ \Phi_{60}^6\ \Phi_{42}^6\ \Phi_{30}^6\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_{6}^6\ \Phi_{4}^6\ \Phi_{2}^6$
142040	1818	3500	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{24}{125}$	$\frac{1}{4}$	$\Phi_{3500}\ \Phi_{1750}\ \Phi_{28}\ \Phi_{14}$
142041	1818	840	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{19}{120}$	$\frac{1}{4}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{280}^3\ \Phi_{210}^3\ \Phi_{168}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{28}\ \Phi_{21}^3\ \Phi_{14}$
142042	1818	2240	$\frac{17}{320}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{280}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
142043	1818	1540	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{1540}^2\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}^2\ \Phi_{154}\ \Phi_{77}\ \Phi_{28}\ \Phi_{14}$
142044	1818	322	$\frac{19}{322}$	$\frac{3}{23}$	$\frac{4}{23}$	$\frac{5}{23}$	$\Phi_{322}^6\ \Phi_{161}^6\ \Phi_{46}^6\ \Phi_{23}\ \Phi_{14}^6\ \Phi_{7}^6\ \Phi_{2}^6\ \Phi_{1}^2$
142045	1818	560	$\frac{11}{112}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{560}^4\ \Phi_{280}^4\ \Phi_{140}^4\ \Phi_{112}^2\ \Phi_{80}^4\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{40}^4\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}^4\ \Phi_{16}^2\ \Phi_{14}\ \Phi_{8}^2\ \Phi_{4}^2$
142046	1818	896	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{5}{32}$	$\frac{27}{128}$	$\Phi_{896}^3\ \Phi_{448}^3\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
142047	1818	1150	$\frac{1}{23}$	$\frac{93}{575}$	$\frac{22}{115}$	$\frac{241}{1150}$	$\Phi_{1150}^2\ \Phi_{575}\ \Phi_{230}^2\ \Phi_{115}^2\ \Phi_{50}^2\ \Phi_{46}^2\ \Phi_{25}\ \Phi_{23}\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{2}^2\ \Phi_{1}^2$
142048	1818	2280	$\frac{1}{19}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{57}\ \Phi_{38}$
142049	1818	2660	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{18}{95}$	$\frac{77}{380}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{532}\ \Phi_{266}\ \Phi_{140}\ \Phi_{133}\ \Phi_{70}\ \Phi_{28}\ \Phi_{14}$
142050	1818	490	$\frac{1}{10}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{245}$	$\Phi_{490}^4\ \Phi_{245}^3\ \Phi_{98}^4\ \Phi_{70}^5\ \Phi_{49}^4\ \Phi_{35}^4\ \Phi_{14}^5\ \Phi_{10}^4\ \Phi_{7}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
142051	1819	3624	$\frac{7}{1812}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1805}{3624}$	$\Phi_{3624}\ \Phi_{1208}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
142052	1819	3232	$\frac{1}{202}$	$\frac{203}{1616}$	$\frac{1413}{3232}$	$\frac{201}{404}$	$\Phi_{3232}\ \Phi_{404}\ \Phi_{32}\ \Phi_{4}\ \Phi_{1}$
142053	1819	2424	$\frac{1}{202}$	$\frac{605}{2424}$	$\frac{203}{808}$	$\frac{201}{404}$	$\Phi_{2424}\ \Phi_{1212}\ \Phi_{606}\ \Phi_{404}\ \Phi_{303}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
142054	1819	1696	$\frac{1}{106}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{105}{212}$	$\Phi_{1696}^2\ \Phi_{212}\ \Phi_{32}^3\ \Phi_{4}\ \Phi_{1}$
142055	1819	1272	$\frac{1}{106}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{105}{212}$	$\Phi_{1272}^2\ \Phi_{636}^2\ \Phi_{318}^2\ \Phi_{212}\ \Phi_{159}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}\ \Phi_{3}^3\ \Phi_{1}$
142056	1819	1060	$\frac{1}{106}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{105}{212}$	$\Phi_{1060}^2\ \Phi_{530}^2\ \Phi_{265}^2\ \Phi_{212}\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_{5}^3\ \Phi_{4}\ \Phi_{1}$
142057	1819	3600	$\frac{19}{1800}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{1781}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{36}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
142058	1819	3600	$\frac{19}{1800}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1781}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
142059	1819	630	$\frac{2}{105}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{103}{210}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^2\ \Phi_{126}^3\ \Phi_{105}^3\ \Phi_{90}^3\ \Phi_{70}^2\ \Phi_{63}^3\ \Phi_{45}^3\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{21}^3\ \Phi_{18}^5\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{9}^5\ \Phi_{7}^3\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
142060	1819	3564	$\frac{37}{1782}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1745}{3564}$	$\Phi_{3564}\ \Phi_{1188}\ \Phi_{396}\ \Phi_{324}\ \Phi_{132}\ \Phi_{108}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
142061	1819	3552	$\frac{43}{1776}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1733}{3552}$	$\Phi_{3552}\ \Phi_{1184}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
142062	1819	144	$\frac{1}{36}$	$\frac{1}{18}$	$\frac{37}{144}$	$\frac{35}{72}$	$\Phi_{144}^{17}\ \Phi_{48}^{17}\ \Phi_{36}^{17}\ \Phi_{18}^{16}\ \Phi_{16}^{17}\ \Phi_{12}^{17}\ \Phi_9^{16}\ \Phi_6^{16}\ \Phi_4^{17}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
142063	1819	1872	$\frac{3}{104}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{101}{208}$	$\Phi_{1872}^2\ \Phi_{624}^2\ \Phi_{208}\ \Phi_{144}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
142064	1819	2088	$\frac{8}{261}$	$\frac{1}{9}$	$\frac{269}{2088}$	$\frac{253}{522}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{348}\ \Phi_{261}\ \Phi_{232}\ \Phi_{116}\ \Phi_{87}\ \Phi_{72}\ \Phi_{36}\ \Phi_{29}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
142065	1819	3528	$\frac{55}{1764}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1709}{3528}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{392}\ \Phi_{168}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$
142066	1819	612	$\frac{5}{102}$	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{97}{204}$	$\Phi_{612}^6\ \Phi_{204}^5\ \Phi_{68}^5\ \Phi_{36}^6\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
142067	1819	1920	$\frac{5}{96}$	$\frac{101}{1920}$	$\frac{1}{6}$	$\frac{91}{192}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
142068	1819	3456	$\frac{5}{96}$	$\frac{91}{1728}$	$\frac{1}{6}$	$\frac{1637}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
142069	1819	3456	$\frac{91}{1728}$	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{1637}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
142070	1819	2700	$\frac{19}{900}$	$\frac{1}{18}$	$\frac{881}{2700}$	$\frac{17}{36}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
142071	1819	1872	$\frac{53}{1872}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
142072	1819	2160	$\frac{19}{360}$	$\frac{1}{18}$	$\frac{341}{2160}$	$\frac{17}{36}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
142073	1819	1980	$\frac{1}{18}$	$\frac{161}{1980}$	$\frac{19}{180}$	$\frac{17}{36}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
142074	1819	5088	$\frac{1}{53}$	$\frac{1}{16}$	$\frac{52}{159}$	$\frac{15}{32}$	$\Phi_{5088}\ \Phi_{159}\ \Phi_{96}\ \Phi_{32}\ \Phi_3\ \Phi_1$
142075	1819	3420	$\frac{5}{114}$	$\frac{109}{1710}$	$\frac{1}{6}$	$\frac{1601}{3420}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{228}\ \Phi_{180}\ \Phi_{114}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{38}\ \Phi_{36}\ \Phi_{20}\ \Phi_{19}\ \Phi_{12}\ \Phi_4\ \Phi_1$
142076	1819	198	$\frac{1}{18}$	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{198}$	$\Phi_{198}^8\ \Phi_{99}^9\ \Phi_{66}^8\ \Phi_{33}^9\ \Phi_{22}^8\ \Phi_{18}^{16}\ \Phi_{11}^9\ \Phi_9^{16}\ \Phi_6^{16}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
142077	1819	360	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{13}{120}$	$\frac{11}{24}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^5\ \Phi_{90}^6\ \Phi_{60}^5\ \Phi_{45}^6\ \Phi_{40}^5\ \Phi_{36}^6\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{18}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
142078	1819	576	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{85}{192}$	$\Phi_{576}^6\ \Phi_{192}^5\ \Phi_{64}^5\ \Phi_{36}^6\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
142079	1819	1890	$\frac{71}{1890}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{54}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
142080	1819	540	$\frac{1}{108}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^3\ \Phi_{135}^3\ \Phi_{108}^5\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{54}^5\ \Phi_{45}^3\ \Phi_{36}^5\ \Phi_{30}^2\ \Phi_{27}^5\ \Phi_{20}^3\ \Phi_{18}^5\ \Phi_{15}^3\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_9^5\ \Phi_6^4\ \Phi_5^3\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
142081	1819	3192	$\frac{5}{228}$	$\frac{223}{1596}$	$\frac{1}{6}$	$\frac{1373}{3192}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{228}\ \Phi_{168}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{56}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
142082	1819	1944	$\frac{1}{18}$	$\frac{125}{1944}$	$\frac{17}{108}$	$\frac{91}{216}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
142083	1819	3132	$\frac{8}{261}$	$\frac{1}{9}$	$\frac{253}{1566}$	$\frac{1313}{3132}$	$\Phi_{3132}\ \Phi_{1044}\ \Phi_{348}\ \Phi_{261}\ \Phi_{116}\ \Phi_{108}\ \Phi_{87}\ \Phi_{36}\ \Phi_{29}\ \Phi_{12}\ \Phi_4\ \Phi_1$
142084	1819	216	$\frac{1}{108}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{216}^{12}\ \Phi_{108}^5\ \Phi_{72}^{12}\ \Phi_{54}^5\ \Phi_{36}^5\ \Phi_{27}^5\ \Phi_{24}^{11}\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^{11}\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
142085	1819	180	$\frac{1}{18}$	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{73}{180}$	$\Phi_{180}^{17}\ \Phi_{60}^{17}\ \Phi_{36}^{17}\ \Phi_{20}^{17}\ \Phi_{18}^{16}\ \Phi_{12}^{17}\ \Phi_9^{16}\ \Phi_6^{16}\ \Phi_4^{17}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
142086	1819	1008	$\frac{5}{112}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{56}\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
142087	1819	162	$\frac{1}{27}$	$\frac{1}{18}$	$\frac{26}{81}$	$\frac{55}{162}$	$\Phi_{162}^8\ \Phi_{81}^9\ \Phi_{54}^{17}\ \Phi_{27}^{17}\ \Phi_{18}^{16}\ \Phi_9^{16}\ \Phi_6^{16}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
142088	1819	2736	$\frac{5}{456}$	$\frac{1}{6}$	$\frac{451}{1368}$	$\frac{917}{2736}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{144}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
142089	1819	126	$\frac{1}{18}$	$\frac{2}{21}$	$\frac{19}{126}$	$\frac{1}{3}$	$\Phi_{126}^{14}\ \Phi_{63}^{14}\ \Phi_{42}^{14}\ \Phi_{21}^{15}\ \Phi_{18}^{16}\ \Phi_{14}^{14}\ \Phi_9^{16}\ \Phi_7^{15}\ \Phi_6^{16}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{17}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
142090	1819	360	$\frac{1}{18}$	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^5\ \Phi_{90}^3\ \Phi_{72}^6\ \Phi_{60}^5\ \Phi_{45}^3\ \Phi_{40}^5\ \Phi_{36}^6\ \Phi_{30}^2\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{18}^5\ \Phi_{15}^3\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_9^5\ \Phi_8^5\ \Phi_6^4\ \Phi_5^3\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
142091	1819	1272	$\frac{1}{53}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{52}{159}$	$\Phi_{1272}\ \Phi_{636}\ \Phi_{424}^2\ \Phi_{318}\ \Phi_{212}^2\ \Phi_{159}^2\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
142092	1819	3180	$\frac{1}{53}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{52}{159}$	$\Phi_{3180}\ \Phi_{1590}\ \Phi_{795}\ \Phi_{159}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$
142093	1819	2349	$\frac{8}{261}$	$\frac{1}{9}$	$\frac{530}{2349}$	$\frac{253}{783}$	$\Phi_{2349}\ \Phi_{261}\ \Phi_{87}\ \Phi_{81}\ \Phi_{29}\ \Phi_1$
142094	1819	2052	$\frac{5}{114}$	$\frac{233}{2052}$	$\frac{1}{6}$	$\frac{109}{342}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{513}\ \Phi_{228}\ \Phi_{114}\ \Phi_{108}\ \Phi_{76}\ \Phi_{57}\ \Phi_{54}\ \Phi_{38}\ \Phi_{36}\ \Phi_{27}\ \Phi_{19}\ \Phi_{12}\ \Phi_4\ \Phi_1$
142095	1819	2016	$\frac{5}{96}$	$\frac{197}{2016}$	$\frac{1}{6}$	$\frac{91}{288}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
142096	1819	2376	$\frac{1}{18}$	$\frac{37}{594}$	$\frac{557}{2376}$	$\frac{17}{54}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{216}\ \Phi_{132}\ \Phi_{108}\ \Phi_{88}\ \Phi_{72}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
142097	1819	1944	$\frac{1}{18}$	$\frac{125}{1944}$	$\frac{37}{162}$	$\frac{17}{54}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
142098	1819	468	$\frac{1}{18}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{156}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^3\ \Phi_{117}^4\ \Phi_{78}^3\ \Phi_{52}^4\ \Phi_{39}^3\ \Phi_{36}^6\ \Phi_{26}^4\ \Phi_{18}^5\ \Phi_{13}^4\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
142099	1819	2646	$\frac{55}{882}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{827}{2646}$	$\Phi_{2646}\ \Phi_{1323}\ \Phi_{378}\ \Phi_{189}\ \Phi_{63}\ \Phi_{54}\ \Phi_{27}\ \Phi_{21}\ \Phi_7\ \Phi_1$
142100	1819	2592	$\frac{5}{96}$	$\frac{91}{864}$	$\frac{1}{6}$	$\frac{773}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{96}\ \Phi_{81}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
142101	1819	2592	$\frac{1}{18}$	$\frac{91}{864}$	$\frac{17}{108}$	$\frac{773}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
142102	1819	1872	$\frac{53}{1872}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
142103	1819	144	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{144}$	$\Phi_{144}^{11}\ \Phi_{72}^{11}\ \Phi_{48}^{12}\ \Phi_{36}^{17}\ \Phi_{24}^{12}\ \Phi_{18}^{16}\ \Phi_{16}^{12}\ \Phi_{12}^{17}\ \Phi_9^{16}\ \Phi_8^{12}\ \Phi_6^{16}\ \Phi_4^{17}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
142104	1819	2400	$\frac{19}{600}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{581}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
142105	1819	2016	$\frac{197}{2016}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{252}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_8\ \Phi_7\ \Phi_1$
142106	1819	2160	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{341}{2160}$	$\frac{91}{432}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
142107	1819	2304	$\frac{5}{96}$	$\frac{91}{576}$	$\frac{1}{6}$	$\frac{485}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
142108	1819	1920	$\frac{101}{1920}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
142109	1819	2160	$\frac{19}{360}$	$\frac{341}{2160}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
142110	1819	2280	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{109}{570}$	$\frac{461}{2280}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{456}\ \Phi_{380}\ \Phi_{228}\ \Phi_{152}\ \Phi_{120}\ \Phi_{114}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{40}\ \Phi_{38}\ \Phi_{24}\ \Phi_{20}\ \Phi_{19}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
142111	1819	2205	$\frac{1}{9}$	$\frac{55}{441}$	$\frac{8}{63}$	$\frac{386}{2205}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{315}\ \Phi_{245}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_1$
142112	1820	2724	$\frac{1}{454}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{453}{908}$	$\Phi_{2724}\ \Phi_{908}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
142113	1820	2904	$\frac{1}{363}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{181}{363}$	$\Phi_{2904}\ \Phi_{968}\ \Phi_{363}\ \Phi_{264}\ \Phi_{121}\ \Phi_{88}\ \Phi_{33}\ \Phi_{24}\ \Phi_{11}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
142114	1820	3108	$\frac{1}{259}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{129}{259}$	$\Phi_{3108}\ \Phi_{1036}\ \Phi_{444}\ \Phi_{259}\ \Phi_{148}\ \Phi_{84}\ \Phi_{37}\ \Phi_{28}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
142115	1820	2331	$\frac{1}{259}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{129}{259}$	$\Phi_{2331}\ \Phi_{333}\ \Phi_{259}\ \Phi_{63}\ \Phi_{37}\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
142116	1820	4530	$\frac{2}{453}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{451}{906}$	$\Phi_{4530}\ \Phi_{1510}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
142117	1820	1629	$\frac{1}{181}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{90}{181}$	$\Phi_{1629}\ \Phi_{543}\ \Phi_{181}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
142118	1820	1086	$\frac{1}{181}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{90}{181}$	$\Phi_{1086}^2\ \Phi_{543}\ \Phi_{362}^2\ \Phi_{181}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
142119	1820	1819	$\frac{11}{1819}$	$\frac{183}{1819}$	$\frac{818}{1819}$	$\frac{904}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
142120	1820	3040	$\frac{1}{152}$	$\frac{1}{5}$	$\frac{153}{608}$	$\frac{151}{304}$	$\Phi_{3040}\ \Phi_{760}\ \Phi_{380}\ \Phi_{190}\ \Phi_{160}\ \Phi_{95}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
142121	1820	4520	$\frac{3}{452}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{449}{904}$	$\Phi_{4520}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
142122	1820	3336	$\frac{1}{139}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{69}{139}$	$\Phi_{3336}\ \Phi_{1112}\ \Phi_{139}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{1}^2$
142123	1820	2085	$\frac{1}{139}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{69}{139}$	$\Phi_{2085}\ \Phi_{695}\ \Phi_{139}\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{1}^2$
142124	1820	2502	$\frac{1}{139}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{69}{139}$	$\Phi_{2502}\ \Phi_{1251}\ \Phi_{139}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{1}^2$
142125	1820	2224	$\frac{1}{139}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{69}{139}$	$\Phi_{2224}\ \Phi_{1112}\ \Phi_{139}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{1}^2$
142126	1820	1677	$\frac{1}{129}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{64}{129}$	$\Phi_{1677}\ \Phi_{559}\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_{39}\ \Phi_{13}^2\ \Phi_{3}^2\ \Phi_{1}^4$
142127	1820	1032	$\frac{1}{129}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{64}{129}$	$\Phi_{1032}^2\ \Phi_{516}^2\ \Phi_{344}^2\ \Phi_{258}^2\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
142128	1820	2190	$\frac{3}{365}$	$\frac{1}{6}$	$\frac{92}{365}$	$\frac{181}{365}$	$\Phi_{2190}\ \Phi_{1095}\ \Phi_{730}\ \Phi_{438}\ \Phi_{219}\ \Phi_{146}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
142129	1820	1819	$\frac{15}{1819}$	$\frac{131}{1819}$	$\frac{844}{1819}$	$\frac{902}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_{1}^2$
142130	1820	856	$\frac{1}{107}$	$\frac{27}{428}$	$\frac{401}{856}$	$\frac{53}{107}$	$\Phi_{856}^4\ \Phi_{107}\ \Phi_{8}^4\ \Phi_{1}^2$
142131	1820	642	$\frac{1}{107}$	$\frac{27}{214}$	$\frac{187}{642}$	$\frac{53}{107}$	$\Phi_{642}^4\ \Phi_{321}^4\ \Phi_{107}\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{1}^2$
142132	1820	107	$\frac{1}{107}$	$\frac{16}{107}$	$\frac{27}{107}$	$\frac{53}{107}$	$\Phi_{107}^{17}\ \Phi_{1}^{18}$
142133	1820	2733	$\frac{9}{911}$	$\frac{92}{911}$	$\frac{1}{3}$	$\frac{451}{911}$	Φ_{2733}
142134	1820	901	$\frac{9}{901}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{446}{901}$	$\Phi_{901}^2\ \Phi_{53}^2\ \Phi_{17}^3\ \Phi_{1}^4$
142135	1820	3420	$\frac{1}{90}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{89}{180}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{228}\ \Phi_{180}^2\ \Phi_{76}\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
142136	1820	1980	$\frac{1}{90}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{89}{180}$	$\Phi_{1980}^2\ \Phi_{660}^2\ \Phi_{396}^2\ \Phi_{220}^2\ \Phi_{132}^2\ \Phi_{44}^2\ \Phi_{33}$
142137	1820	3420	$\frac{1}{90}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{89}{180}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{228}\ \Phi_{180}^2\ \Phi_{76}\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
142138	1820	180	$\frac{1}{90}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{89}{180}$	$\Phi_{180}^{20}\ \Phi_{60}^{20}\ \Phi_{36}^{20}\ \Phi_{30}\ \Phi_{20}^{20}\ \Phi_{15}\ \Phi_{12}^{20}\ \Phi_{10}\ \Phi_{4}^{20}$
142139	1820	696	$\frac{1}{87}$	$\frac{1}{8}$	$\frac{22}{87}$	$\frac{43}{87}$	$\Phi_{696}^3\ \Phi_{348}^3\ \Phi_{232}^3\ \Phi_{174}^3\ \Phi_{116}^3\ \Phi_{58}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
142140	1820	438	$\frac{1}{73}$	$\frac{1}{6}$	$\frac{37}{219}$	$\frac{36}{73}$	$\Phi_{438}^5\ \Phi_{219}^3\ \Phi_{146}^5\ \Phi_{73}^4\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
142141	1820	1819	$\frac{25}{1819}$	$\frac{194}{1819}$	$\frac{461}{1819}$	$\frac{897}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_{1}^2$
142142	1820	2733	$\frac{13}{911}$	$\frac{66}{911}$	$\frac{1}{3}$	$\frac{449}{911}$	Φ_{2733}
142143	1820	1725	$\frac{1}{69}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{34}{69}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{345}\ \Phi_{115}\ \Phi_{75}\ \Phi_{69}^2\ \Phi_{25}^2\ \Phi_{23}^2\ \Phi_{15}\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
142144	1820	966	$\frac{1}{69}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{34}{69}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{138}^2\ \Phi_{46}^2\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{2}^2$
142145	1820	345	$\frac{1}{69}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{34}{69}$	$\Phi_{345}^5\ \Phi_{115}^5\ \Phi_{69}^6\ \Phi_{23}^6\ \Phi_{15}^7\ \Phi_{5}^6\ \Phi_{3}^8\ \Phi_{1}^8$
142146	1820	1819	$\frac{27}{1819}$	$\frac{71}{1819}$	$\frac{874}{1819}$	$\frac{896}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_{1}^2$
142147	1820	3456	$\frac{1}{64}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{63}{128}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}^2\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
142148	1820	1920	$\frac{1}{64}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{63}{128}$	$\Phi_{1920}^2\ \Phi_{640}^2\ \Phi_{384}\ \Phi_{128}^2\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
142149	1820	1152	$\frac{1}{64}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{63}{128}$	$\Phi_{1152}^3\ \Phi_{384}^3\ \Phi_{128}^4\ \Phi_{9}^3\ \Phi_{3}^3\ \Phi_{1}^4$
142150	1820	640	$\frac{1}{64}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{63}{128}$	$\Phi_{640}^7\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
142151	1820	1342	$\frac{1}{61}$	$\frac{1}{11}$	$\frac{31}{122}$	$\frac{30}{61}$	$\Phi_{1342}^2\ \Phi_{671}\ \Phi_{22}^2$
142152	1820	204	$\frac{1}{51}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{25}{51}$	$\Phi_{204}^{17}\ \Phi_{68}^{18}\ \Phi_{51}\ \Phi_{17}\ \Phi_{12}^{17}\ \Phi_{4}^{18}\ \Phi_{3}\ \Phi_{1}^2$
142153	1820	51	$\frac{1}{51}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{25}{51}$	$\Phi_{51}^{36}\ \Phi_{17}^{35}\ \Phi_{3}^{36}\ \Phi_{1}^{36}$
142154	1820	51	$\frac{1}{51}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{25}{51}$	$\Phi_{51}^{35}\ \Phi_{17}^{37}\ \Phi_{3}^{35}\ \Phi_{1}^{38}$
142155	1820	408	$\frac{1}{51}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{25}{51}$	$\Phi_{408}^5\ \Phi_{204}^5\ \Phi_{136}^5\ \Phi_{102}^2\ \Phi_{68}^5\ \Phi_{51}^3\ \Phi_{34}^2\ \Phi_{24}^7\ \Phi_{17}^3\ \Phi_{12}^7\ \Phi_{8}^6\ \Phi_{6}^3\ \Phi_{4}^6\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
142156	1820	658	$\frac{1}{47}$	$\frac{1}{14}$	$\frac{12}{47}$	$\frac{23}{47}$	$\Phi_{658}^3\ \Phi_{329}^3\ \Phi_{94}^3\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{2}^2$
142157	1820	4440	$\frac{11}{444}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{433}{888}$	$\Phi_{4440}\ \Phi_{1480}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
142158	1820	612	$\frac{4}{153}$	$\frac{1}{17}$	$\frac{157}{612}$	$\frac{149}{306}$	$\Phi_{612}^4\ \Phi_{204}^4\ \Phi_{153}^4\ \Phi_{68}^4\ \Phi_{51}^4\ \Phi_{36}^4\ \Phi_{17}^3\ \Phi_{12}^4\ \Phi_9^4\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
142159	1820	1819	$\frac{49}{1819}$	$\frac{104}{1819}$	$\frac{467}{1819}$	$\frac{885}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_1^2$
142160	1820	2733	$\frac{25}{911}$	$\frac{36}{911}$	$\frac{1}{3}$	$\frac{443}{911}$	Φ_{2733}
142161	1820	107	$\frac{3}{107}$	$\frac{11}{107}$	$\frac{16}{107}$	$\frac{52}{107}$	$\Phi_{107}^{17}\ \Phi_1^{18}$
142162	1820	1836	$\frac{1}{34}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{1836}^2\ \Phi_{612}^2\ \Phi_{204}\ \Phi_{108}^2\ \Phi_{68}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
142163	1820	68	$\frac{1}{34}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{33}{68}$	$\Phi_{68}^{52}\ \Phi_{17}^3\ \Phi_4^{52}\ \Phi_1^4$
142164	1820	2380	$\frac{1}{34}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{33}{68}$	$\Phi_{2380}^2\ \Phi_{340}\ \Phi_{140}^2\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
142165	1820	1819	$\frac{57}{1819}$	$\frac{134}{1819}$	$\frac{337}{1819}$	$\frac{881}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_1^2$
142166	1820	3654	$\frac{2}{63}$	$\frac{1}{29}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{3654}\ \Phi_{1218}\ \Phi_{522}\ \Phi_{406}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
142167	1820	504	$\frac{2}{63}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{61}{126}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{84}^4\ \Phi_{72}^5\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{36}^5\ \Phi_{28}^4\ \Phi_{24}^5\ \Phi_{21}^4\ \Phi_{18}\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^4\ \Phi_7^4\ \Phi_6\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
142168	1820	1819	$\frac{61}{1819}$	$\frac{188}{1819}$	$\frac{233}{1819}$	$\frac{879}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_1^2$
142169	1820	3696	$\frac{3}{88}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{85}{176}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
142170	1820	232	$\frac{1}{29}$	$\frac{3}{29}$	$\frac{1}{8}$	$\frac{14}{29}$	$\Phi_{232}^9\ \Phi_{116}^9\ \Phi_{58}^9\ \Phi_8^8\ \Phi_4^8\ \Phi_2^8$
142171	1820	2190	$\frac{13}{365}$	$\frac{27}{365}$	$\frac{1}{6}$	$\frac{176}{365}$	$\Phi_{2190}\ \Phi_{1095}\ \Phi_{730}\ \Phi_{438}\ \Phi_{219}\ \Phi_{146}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
142172	1820	864	$\frac{1}{32}$	$\frac{1}{27}$	$\frac{31}{96}$	$\frac{13}{27}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{96}^3\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{48}^3\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
142173	1820	1836	$\frac{1}{27}$	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{27}\ \Phi_{17}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
142174	1820	432	$\frac{1}{27}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{13}{27}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{54}^4\ \Phi_{48}^4\ \Phi_{36}^4\ \Phi_{27}^5\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{16}^8\ \Phi_{12}^4\ \Phi_9^5\ \Phi_8^8\ \Phi_6^4\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^{10}$
142175	1820	378	$\frac{1}{27}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{27}$	$\Phi_{378}^5\ \Phi_{189}^5\ \Phi_{126}^5\ \Phi_{63}^5\ \Phi_{54}^2\ \Phi_{42}^7\ \Phi_{27}^3\ \Phi_{21}^7\ \Phi_{18}^2\ \Phi_{14}^6\ \Phi_9^3\ \Phi_7^6\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
142176	1820	216	$\frac{1}{27}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{13}{27}$	$\Phi_{216}^8\ \Phi_{108}^8\ \Phi_{72}^9\ \Phi_{54}^8\ \Phi_{36}^9\ \Phi_{27}^9\ \Phi_{24}^9\ \Phi_{18}^9\ \Phi_{12}^9\ \Phi_9^{10}\ \Phi_8^8\ \Phi_6^9\ \Phi_4^8\ \Phi_3^{10}\ \Phi_2^8\ \Phi_1^{10}$
142177	1820	900	$\frac{1}{36}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{45}^2\ \Phi_{36}^4\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_9^4\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
142178	1820	1150	$\frac{1}{25}$	$\frac{1}{23}$	$\frac{11}{46}$	$\frac{12}{25}$	$\Phi_{1150}^2\ \Phi_{575}\ \Phi_{230}^2\ \Phi_{115}\ \Phi_{50}^2\ \Phi_{46}^4\ \Phi_{25}^2\ \Phi_{23}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^4\ \Phi_1^4$
142179	1820	1725	$\frac{1}{25}$	$\frac{4}{69}$	$\frac{13}{69}$	$\frac{12}{25}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{345}\ \Phi_{115}\ \Phi_{75}\ \Phi_{69}^2\ \Phi_{25}^2\ \Phi_{23}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
142180	1820	150	$\frac{1}{25}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{12}{25}$	$\Phi_{150}^{14}\ \Phi_{75}^9\ \Phi_{50}^{14}\ \Phi_{30}^{17}\ \Phi_{25}^{10}\ \Phi_{15}^{11}\ \Phi_{10}^{17}\ \Phi_6^{16}\ \Phi_5^{12}\ \Phi_3^{10}\ \Phi_2^{16}\ \Phi_1^{12}$
142181	1820	575	$\frac{1}{25}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{12}{25}$	$\Phi_{575}^3\ \Phi_{115}^3\ \Phi_{25}^4\ \Phi_{23}^6\ \Phi_5^4\ \Phi_1^8$
142182	1820	2200	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{12}{25}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}^2$
142183	1820	4370	$\frac{18}{437}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{419}{874}$	$\Phi_{4370}\ \Phi_{230}\ \Phi_{190}\ \Phi_{95}\ \Phi_{10}$
142184	1820	480	$\frac{1}{24}$	$\frac{5}{96}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{480}^5\ \Phi_{240}^4\ \Phi_{160}^5\ \Phi_{120}^5\ \Phi_{80}^4\ \Phi_{60}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_5^4$
142185	1820	2552	$\frac{1}{29}$	$\frac{1}{22}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{2552}\ \Phi_{638}\ \Phi_{319}\ \Phi_{232}\ \Phi_{58}$
142186	1820	867	$\frac{43}{867}$	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{412}{867}$	$\Phi_{867}^2\ \Phi_{289}^2\ \Phi_{51}^4\ \Phi_{17}^3\ \Phi_3^4\ \Phi_1^4$
142187	1820	1767	$\frac{2}{93}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{1767}\ \Phi_{589}\ \Phi_{93}^2\ \Phi_{31}^2\ \Phi_{19}\ \Phi_1^2$
142188	1820	2565	$\frac{1}{45}$	$\frac{1}{19}$	$\frac{44}{135}$	$\frac{9}{19}$	$\Phi_{2565}\ \Phi_{513}\ \Phi_{135}^2\ \Phi_{27}^2\ \Phi_{19}\ \Phi_1^2$
142189	1820	2280	$\frac{1}{30}$	$\frac{1}{19}$	$\frac{29}{120}$	$\frac{9}{19}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{456}\ \Phi_{380}\ \Phi_{228}\ \Phi_{152}\ \Phi_{120}^2\ \Phi_{76}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
142190	1820	95	$\frac{4}{95}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{95}^{19}\ \Phi_{19}^{20}\ \Phi_5^{18}\ \Phi_1^{20}$
142191	1820	1824	$\frac{5}{96}$	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{96}^2\ \Phi_{76}\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
142192	1820	2052	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{9}{19}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{513}\ \Phi_{228}\ \Phi_{108}^2\ \Phi_{76}\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
142193	1820	285	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{9}{19}$	$\Phi_{285}^6\ \Phi_{95}^6\ \Phi_{57}^6\ \Phi_{19}^7\ \Phi_{15}^{12}\ \Phi_5^{12}\ \Phi_3^{12}\ \Phi_1^{14}$
142194	1820	1064	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{9}{19}$	$\Phi_{1064}^2\ \Phi_{532}^2\ \Phi_{266}\ \Phi_{152}\ \Phi_{133}\ \Phi_{76}\ \Phi_{56}^4\ \Phi_{28}^4\ \Phi_{19}\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
142195	1820	1881	$\frac{1}{19}$	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{9}{19}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{209}\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{19}\ \Phi_{11}^2\ \Phi_1^2$
142196	1820	1900	$\frac{1}{19}$	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{9}{19}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{475}\ \Phi_{380}\ \Phi_{100}^2\ \Phi_{76}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_4^2\ \Phi_1^2$
142197	1820	4320	$\frac{1}{24}$	$\frac{23}{432}$	$\frac{1}{5}$	$\frac{409}{864}$	$\Phi_{4320}\ \Phi_{1440}\ \Phi_{480}\ \Phi_{160}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
142198	1820	1908	$\frac{1}{36}$	$\frac{3}{53}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{636}\ \Phi_{477}\ \Phi_{318}\ \Phi_{212}\ \Phi_{159}\ \Phi_{106}$
142199	1820	1819	$\frac{74}{1819}$	$\frac{105}{1819}$	$\frac{349}{1819}$	$\frac{857}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_1^2$
142200	1820	3498	$\frac{1}{53}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{3498}\ \Phi_{1166}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}$
142201	1820	1819	$\frac{69}{1819}$	$\frac{113}{1819}$	$\frac{350}{1819}$	$\frac{853}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_1^2$
142202	1820	658	$\frac{3}{47}$	$\frac{1}{14}$	$\frac{5}{47}$	$\frac{22}{47}$	$\Phi_{658}^3\ \Phi_{329}^3\ \Phi_{94}^3\ \Phi_{14}^2\ \Phi_7^2\ \Phi_2^2$
142203	1820	1819	$\frac{97}{1819}$	$\frac{121}{1819}$	$\frac{246}{1819}$	$\frac{849}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_1^2$
142204	1820	1819	$\frac{121}{1819}$	$\frac{125}{1819}$	$\frac{194}{1819}$	$\frac{849}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_1^2$
142205	1820	438	$\frac{3}{73}$	$\frac{5}{73}$	$\frac{1}{6}$	$\frac{34}{73}$	$\Phi_{438}^5\ \Phi_{219}^5\ \Phi_{146}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
142206	1820	1965	$\frac{1}{15}$	$\frac{9}{131}$	$\frac{14}{131}$	$\frac{61}{131}$	$\Phi_{1965}\ \Phi_{655}\ \Phi_{393}$
142207	1820	1819	$\frac{127}{1819}$	$\frac{139}{1819}$	$\frac{168}{1819}$	$\frac{846}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_1^2$
142208	1820	2013	$\frac{13}{183}$	$\frac{14}{183}$	$\frac{1}{11}$	$\frac{85}{183}$	$\Phi_{2013}\ \Phi_{671}\ \Phi_{33}$
142209	1820	1819	$\frac{116}{1819}$	$\frac{131}{1819}$	$\frac{195}{1819}$	$\frac{844}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_1^2$
142210	1820	2088	$\frac{14}{261}$	$\frac{19}{261}$	$\frac{1}{8}$	$\frac{121}{261}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{522}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{116}\ \Phi_{72}\ \Phi_{58}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
142211	1820	2190	$\frac{14}{365}$	$\frac{27}{365}$	$\frac{1}{6}$	$\frac{169}{365}$	$\Phi_{2190}\ \Phi_{1095}\ \Phi_{730}\ \Phi_{438}\ \Phi_{219}\ \Phi_{146}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
142212	1820	1819	$\frac{38}{1819}$	$\frac{137}{1819}$	$\frac{489}{1819}$	$\frac{841}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_1^2$
142213	1820	2733	$\frac{14}{911}$	$\frac{69}{911}$	$\frac{1}{3}$	$\frac{421}{911}$	Φ_{2733}
142214	1820	858	$\frac{1}{66}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{78}^2\ \Phi_{66}^4\ \Phi_{39}\ \Phi_{33}^4\ \Phi_{26}^2\ \Phi_{22}^4\ \Phi_{13}^2\ \Phi_{11}^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
142215	1820	1118	$\frac{1}{43}$	$\frac{1}{13}$	$\frac{21}{86}$	$\frac{6}{13}$	$\Phi_{1118}^2\ \Phi_{559}\ \Phi_{86}^4\ \Phi_{43}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_2^4\ \Phi_1^4$
142216	1820	1677	$\frac{4}{129}$	$\frac{1}{13}$	$\frac{25}{129}$	$\frac{6}{13}$	$\Phi_{1677}\ \Phi_{559}\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_{39}\ \Phi_{13}^2\ \Phi_3^2\ \Phi_1^4$
142217	1820	702	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{702}^3\ \Phi_{351}^2\ \Phi_{234}^3\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{54}^6\ \Phi_{39}\ \Phi_{27}^4\ \Phi_{26}^2\ \Phi_{18}^6\ \Phi_{13}^2\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
142218	1820	559	$\frac{3}{43}$	$\frac{1}{13}$	$\frac{4}{43}$	$\frac{6}{13}$	$\Phi_{559}^3\ \Phi_{43}^6\ \Phi_{13}^4\ \Phi_1^8$
142219	1820	2002	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{6}{13}$	$\Phi_{2002}\ \Phi_{1001}\ \Phi_{286}\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{22}^2$
142220	1820	102	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{11}{102}$	$\frac{47}{102}$	$\Phi_{102}^{16}\ \Phi_{51}^{20}\ \Phi_{34}^{16}\ \Phi_{17}^{19}\ \Phi_6^{16}\ \Phi_3^{20}\ \Phi_2^{16}\ \Phi_1^{20}$
142221	1820	1683	$\frac{1}{17}$	$\frac{137}{1683}$	$\frac{16}{153}$	$\frac{773}{1683}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}^2\ \Phi_{99}\ \Phi_{51}^2\ \Phi_{33}\ \Phi_{17}\ \Phi_{11}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
142222	1820	1704	$\frac{1}{71}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{1704}^2\ \Phi_{568}^2\ \Phi_{213}$
142223	1820	2544	$\frac{1}{53}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{2544}\ \Phi_{848}\ \Phi_{636}\ \Phi_{318}\ \Phi_{212}\ \Phi_{159}\ \Phi_{106}$
142224	1820	3336	$\frac{3}{139}$	$\frac{1}{12}$	$\frac{34}{139}$	$\frac{11}{24}$	$\Phi_{3336}\ \Phi_{1112}\ \Phi_{139}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
142225	1820	360	$\frac{1}{36}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{360}^{12}\ \Phi_{180}\ \Phi_{120}^{11}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}^{11}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
142226	1820	3336	$\frac{4}{139}$	$\frac{1}{12}$	$\frac{27}{139}$	$\frac{11}{24}$	$\Phi_{3336}\ \Phi_{1112}\ \Phi_{139}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
142227	1820	696	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{696}^5\ \Phi_{232}^5\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
142228	1820	3336	$\frac{6}{139}$	$\frac{1}{12}$	$\frac{19}{139}$	$\frac{11}{24}$	$\Phi_{3336}\ \Phi_{1112}\ \Phi_{139}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
142229	1820	168	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{168}^{10}\ \Phi_{84}^{13}\ \Phi_{56}^{10}\ \Phi_{42}^{13}\ \Phi_{28}^{13}\ \Phi_{24}^{7}\ \Phi_{21}^{12}\ \Phi_{14}^{13}\ \Phi_{12}^{9}\ \Phi_{8}^{6}\ \Phi_{7}^{12}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
142230	1820	3336	$\frac{9}{139}$	$\frac{1}{12}$	$\frac{13}{139}$	$\frac{11}{24}$	$\Phi_{3336}\ \Phi_{1112}\ \Phi_{139}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
142231	1820	1320	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{24}$	$\Phi_{1320}^{3}\ \Phi_{440}^{3}\ \Phi_{264}^{2}\ \Phi_{165}\ \Phi_{88}^{2}\ \Phi_{55}\ \Phi_{33}$
142232	1820	1819	$\frac{76}{1819}$	$\frac{157}{1819}$	$\frac{249}{1819}$	$\frac{831}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_{1}^{2}$
142233	1820	4180	$\frac{1}{38}$	$\frac{37}{418}$	$\frac{1}{5}$	$\frac{381}{836}$	$\Phi_{4180}\ \Phi_{380}\ \Phi_{220}\ \Phi_{190}\ \Phi_{95}\ \Phi_{20}\ \Phi_{10}$
142234	1820	1974	$\frac{1}{14}$	$\frac{11}{141}$	$\frac{13}{141}$	$\frac{64}{141}$	$\Phi_{1974}\ \Phi_{987}\ \Phi_{658}\ \Phi_{329}\ \Phi_{282}\ \Phi_{94}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
142235	1820	1819	$\frac{129}{1819}$	$\frac{142}{1819}$	$\frac{169}{1819}$	$\frac{825}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_{1}^{2}$
142236	1820	3392	$\frac{1}{53}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{3392}\ \Phi_{212}\ \Phi_{106}$
142237	1820	2088	$\frac{11}{261}$	$\frac{25}{261}$	$\frac{1}{8}$	$\frac{118}{261}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{522}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{116}\ \Phi_{72}\ \Phi_{58}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
142238	1820	1914	$\frac{1}{66}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{1914}\ \Phi_{957}\ \Phi_{638}\ \Phi_{319}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
142239	1820	828	$\frac{1}{92}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{828}^{2}\ \Phi_{414}^{2}\ \Phi_{276}^{3}\ \Phi_{207}^{2}\ \Phi_{138}^{3}\ \Phi_{92}^{2}\ \Phi_{69}^{3}\ \Phi_{46}^{2}\ \Phi_{36}^{2}\ \Phi_{23}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
142240	1820	1278	$\frac{1}{71}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{1278}^{2}\ \Phi_{639}\ \Phi_{426}^{2}\ \Phi_{213}\ \Phi_{142}^{2}$
142241	1820	1629	$\frac{6}{181}$	$\frac{1}{9}$	$\frac{25}{181}$	$\frac{4}{9}$	$\Phi_{1629}\ \Phi_{543}\ \Phi_{181}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
142242	1820	216	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{216}^{10}\ \Phi_{108}^{10}\ \Phi_{72}^{9}\ \Phi_{54}^{10}\ \Phi_{36}^{9}\ \Phi_{24}^{9}\ \Phi_{18}^{9}\ \Phi_{12}^{9}\ \Phi_{8}^{8}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}$
142243	1820	1629	$\frac{12}{181}$	$\frac{13}{181}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1629}\ \Phi_{543}\ \Phi_{181}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
142244	1820	630	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}^{4}\ \Phi_{126}^{2}\ \Phi_{105}^{4}\ \Phi_{90}^{3}\ \Phi_{70}^{4}\ \Phi_{63}^{2}\ \Phi_{42}^{3}\ \Phi_{35}^{4}\ \Phi_{30}^{4}\ \Phi_{21}^{3}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
142245	1820	1819	$\frac{39}{1819}$	$\frac{209}{1819}$	$\frac{356}{1819}$	$\frac{805}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_{1}^{2}$
142246	1820	816	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{47}{408}$	$\frac{361}{816}$	$\Phi_{816}^{4}\ \Phi_{272}^{4}\ \Phi_{51}^{4}\ \Phi_{48}^{4}\ \Phi_{17}^{3}\ \Phi_{16}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
142247	1820	232	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{1}{8}$	$\frac{51}{116}$	$\Phi_{232}^{9}\ \Phi_{116}^{5}\ \Phi_{58}^{9}\ \Phi_{29}^{8}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
142248	1820	2320	$\frac{9}{464}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{2320}\ \Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{145}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
142249	1820	1917	$\frac{1}{27}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{31}{71}$	$\Phi_{1917}\ \Phi_{639}\ \Phi_{213}$
142250	1820	1819	$\frac{79}{1819}$	$\frac{174}{1819}$	$\frac{235}{1819}$	$\frac{792}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_{1}^{2}$
142251	1820	1819	$\frac{103}{1819}$	$\frac{132}{1819}$	$\frac{241}{1819}$	$\frac{789}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_{1}^{2}$
142252	1820	321	$\frac{1}{107}$	$\frac{43}{321}$	$\frac{106}{321}$	$\frac{139}{321}$	$\Phi_{321}^{6}\ \Phi_{107}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
142253	1820	321	$\frac{2}{107}$	$\frac{43}{321}$	$\frac{21}{107}$	$\frac{139}{321}$	$\Phi_{321}^{5}\ \Phi_{107}^{7}\ \Phi_{3}^{5}\ \Phi_{1}^{8}$
142254	1820	1974	$\frac{8}{141}$	$\frac{1}{14}$	$\frac{19}{141}$	$\frac{61}{141}$	$\Phi_{1974}\ \Phi_{987}\ \Phi_{658}\ \Phi_{329}\ \Phi_{282}\ \Phi_{94}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
142255	1820	2013	$\frac{8}{183}$	$\frac{1}{11}$	$\frac{25}{183}$	$\frac{79}{183}$	$\Phi_{2013}\ \Phi_{671}\ \Phi_{33}$
142256	1820	1819	$\frac{62}{1819}$	$\frac{207}{1819}$	$\frac{251}{1819}$	$\frac{784}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_{1}^{2}$
142257	1820	2190	$\frac{8}{365}$	$\frac{51}{365}$	$\frac{1}{6}$	$\frac{157}{365}$	$\Phi_{2190}\ \Phi_{1095}\ \Phi_{730}\ \Phi_{438}\ \Phi_{219}\ \Phi_{146}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
142258	1820	570	$\frac{1}{57}$	$\frac{8}{57}$	$\frac{1}{5}$	$\frac{49}{114}$	$\Phi_{570}^{7}\ \Phi_{285}\ \Phi_{190}^{7}\ \Phi_{95}\ \Phi_{30}^{7}\ \Phi_{15}\ \Phi_{10}^{7}$
142259	1820	1819	$\frac{20}{1819}$	$\frac{257}{1819}$	$\frac{519}{1819}$	$\frac{781}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_{1}^{2}$
142260	1820	2733	$\frac{8}{911}$	$\frac{129}{911}$	$\frac{1}{3}$	$\frac{391}{911}$	Φ_{2733}
142261	1820	644	$\frac{1}{92}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{644}^{3}\ \Phi_{322}^{3}\ \Phi_{161}^{3}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{28}^{3}\ \Phi_{23}^{2}\ \Phi_{14}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
142262	1820	642	$\frac{1}{107}$	$\frac{53}{321}$	$\frac{187}{642}$	$\frac{134}{321}$	$\Phi_{642}^{4}\ \Phi_{321}^{2}\ \Phi_{214}^{4}\ \Phi_{107}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
142263	1820	1572	$\frac{1}{131}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{1572}^{2}\ \Phi_{524}^{2}\ \Phi_{393}$
142264	1820	3108	$\frac{3}{259}$	$\frac{1}{6}$	$\frac{64}{259}$	$\frac{5}{12}$	$\Phi_{3108}\ \Phi_{1036}\ \Phi_{444}\ \Phi_{259}\ \Phi_{148}\ \Phi_{84}\ \Phi_{37}\ \Phi_{28}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
142265	1820	660	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{660}^{6}\ \Phi_{330}\ \Phi_{220}^{6}\ \Phi_{165}\ \Phi_{110}\ \Phi_{60}^{5}\ \Phi_{55}\ \Phi_{30}\ \Phi_{20}^{5}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
142266	1820	3108	$\frac{4}{259}$	$\frac{1}{6}$	$\frac{51}{259}$	$\frac{5}{12}$	$\Phi_{3108}\ \Phi_{1036}\ \Phi_{444}\ \Phi_{259}\ \Phi_{148}\ \Phi_{84}\ \Phi_{37}\ \Phi_{28}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
142267	1820	636	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{636}^5\ \Phi_{318}\ \Phi_{212}^5\ \Phi_{159}\ \Phi_{106}$
142268	1820	1596	$\frac{3}{133}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1596}^2\ \Phi_{532}^2\ \Phi_{228}^2\ \Phi_{133}^2\ \Phi_{84}\ \Phi_{76}^2\ \Phi_{28}\ \Phi_{19}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
142269	1820	444	$\frac{1}{37}$	$\frac{9}{74}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{444}^7\ \Phi_{148}^7\ \Phi_{74}^4\ \Phi_{37}^3\ \Phi_{12}^8\ \Phi_4^8\ \Phi_2^4\ \Phi_1^4$
142270	1820	2088	$\frac{1}{29}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{522}\ \Phi_{261}\ \Phi_{232}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
142271	1820	3108	$\frac{9}{259}$	$\frac{25}{259}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3108}\ \Phi_{1036}\ \Phi_{444}\ \Phi_{259}\ \Phi_{148}\ \Phi_{84}\ \Phi_{37}\ \Phi_{28}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
142272	1820	1188	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1188}^3\ \Phi_{396}^3\ \Phi_{297}\ \Phi_{132}^2\ \Phi_{99}\ \Phi_{44}^2\ \Phi_{33}$
142273	1820	3108	$\frac{12}{259}$	$\frac{19}{259}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3108}\ \Phi_{1036}\ \Phi_{444}\ \Phi_{259}\ \Phi_{148}\ \Phi_{84}\ \Phi_{37}\ \Phi_{28}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
142274	1820	84	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{84}^{37}\ \Phi_{42}^7\ \Phi_{28}^{37}\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{12}^{38}\ \Phi_7^5\ \Phi_6^7\ \Phi_4^{38}\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
142275	1820	1819	$\frac{41}{1819}$	$\frac{254}{1819}$	$\frac{313}{1819}$	$\frac{753}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_1^2$
142276	1820	459	$\frac{4}{459}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{459}^4\ \Phi_{153}^4\ \Phi_{51}^4\ \Phi_{27}^4\ \Phi_{17}^3\ \Phi_9^4\ \Phi_3^4\ \Phi_1^4$
142277	1820	187	$\frac{5}{187}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{187}^{10}\ \Phi_{17}^7\ \Phi_{11}^{10}\ \Phi_1^8$
142278	1820	638	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{638}^5\ \Phi_{319}\ \Phi_{58}^5$
142279	1820	1917	$\frac{1}{27}$	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{29}{71}$	$\Phi_{1917}\ \Phi_{639}\ \Phi_{213}$
142280	1820	1819	$\frac{77}{1819}$	$\frac{134}{1819}$	$\frac{337}{1819}$	$\frac{741}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_1^2$
142281	1820	1819	$\frac{83}{1819}$	$\frac{124}{1819}$	$\frac{339}{1819}$	$\frac{740}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_1^2$
142282	1820	153	$\frac{8}{153}$	$\frac{1}{17}$	$\frac{29}{153}$	$\frac{62}{153}$	$\Phi_{153}^{12}\ \Phi_{51}^{12}\ \Phi_{17}^{11}\ \Phi_9^{12}\ \Phi_3^{12}\ \Phi_1^{12}$
142283	1820	1965	$\frac{6}{131}$	$\frac{1}{15}$	$\frac{25}{131}$	$\frac{53}{131}$	$\Phi_{1965}\ \Phi_{655}\ \Phi_{393}$
142284	1820	658	$\frac{2}{47}$	$\frac{1}{14}$	$\frac{9}{47}$	$\frac{19}{47}$	$\Phi_{658}^3\ \Phi_{329}^3\ \Phi_{94}^3\ \Phi_{14}^2\ \Phi_7^2\ \Phi_2^2$
142285	1820	1819	$\frac{64}{1819}$	$\frac{155}{1819}$	$\frac{351}{1819}$	$\frac{734}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_1^2$
142286	1820	696	$\frac{2}{87}$	$\frac{1}{8}$	$\frac{17}{87}$	$\frac{35}{87}$	$\Phi_{696}^3\ \Phi_{348}^3\ \Phi_{232}^3\ \Phi_{174}^3\ \Phi_{116}^3\ \Phi_{58}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
142287	1820	107	$\frac{2}{107}$	$\frac{16}{107}$	$\frac{21}{107}$	$\frac{43}{107}$	$\Phi_{107}^{17}\ \Phi_1^{18}$
142288	1820	760	$\frac{1}{76}$	$\frac{15}{76}$	$\frac{1}{5}$	$\frac{61}{152}$	$\Phi_{760}^5\ \Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{40}^5\ \Phi_{20}\ \Phi_{10}$
142289	1820	1819	$\frac{14}{1819}$	$\frac{361}{1819}$	$\frac{545}{1819}$	$\frac{729}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_1^2$
142290	1820	2733	$\frac{6}{911}$	$\frac{181}{911}$	$\frac{1}{3}$	$\frac{365}{911}$	Φ_{2733}
142291	1820	1310	$\frac{1}{131}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{1310}^2\ \Phi_{655}\ \Phi_{262}^2$
142292	1820	1110	$\frac{3}{185}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1110}^2\ \Phi_{555}^2\ \Phi_{370}^2\ \Phi_{222}^2\ \Phi_{111}^2\ \Phi_{74}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
142293	1820	107	$\frac{2}{107}$	$\frac{15}{107}$	$\frac{23}{107}$	$\frac{42}{107}$	$\Phi_{107}^{17}\ \Phi_1^{18}$
142294	1820	68	$\frac{3}{68}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{68}^{28}\ \Phi_{34}^{24}\ \Phi_{17}^{27}\ \Phi_4^{28}\ \Phi_2^{24}\ \Phi_1^{28}$
142295	1820	214	$\frac{3}{107}$	$\frac{19}{214}$	$\frac{26}{107}$	$\frac{81}{214}$	$\Phi_{214}^8\ \Phi_{107}^9\ \Phi_2^8\ \Phi_1^{10}$
142296	1820	438	$\frac{1}{73}$	$\frac{1}{6}$	$\frac{18}{73}$	$\frac{55}{146}$	$\Phi_{438}^5\ \Phi_{219}^5\ \Phi_{146}\ \Phi_{73}^4\ \Phi_6^4\ \Phi_3^4\ \Phi_1^4$
142297	1820	1464	$\frac{1}{183}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1464}^2\ \Phi_{488}^2\ \Phi_{183}^2\ \Phi_{61}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
142298	1820	968	$\frac{1}{121}$	$\frac{30}{121}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{968}^3\ \Phi_{121}^3\ \Phi_{88}^3\ \Phi_{11}^3\ \Phi_8^4\ \Phi_1^4$
142299	1820	920	$\frac{1}{92}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{920}^4\ \Phi_{460}\ \Phi_{230}\ \Phi_{115}\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
142300	1820	968	$\frac{2}{121}$	$\frac{17}{121}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{968}^3\ \Phi_{121}^3\ \Phi_{88}^3\ \Phi_{11}^3\ \Phi_8^4\ \Phi_1^4$
142301	1820	424	$\frac{1}{53}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{424}^4\ \Phi_{212}^5\ \Phi_{106}^5\ \Phi_{53}^4$
142302	1820	1496	$\frac{5}{187}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1496}^2\ \Phi_{187}^2\ \Phi_{136}^2\ \Phi_{88}\ \Phi_{17}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
142303	1820	792	$\frac{1}{33}$	$\frac{8}{99}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}^4\ \Phi_{264}^3\ \Phi_{99}^4\ \Phi_{88}^3\ \Phi_{72}^4\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{11}^3\ \Phi_9^4\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
142304	1820	968	$\frac{4}{121}$	$\frac{9}{121}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{968}^3\ \Phi_{121}^3\ \Phi_{88}^3\ \Phi_{11}^3\ \Phi_{8}^4\ \Phi_{1}^4$
142305	1820	1624	$\frac{1}{29}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1624}^2\ \Phi_{406}\ \Phi_{232}\ \Phi_{203}\ \Phi_{58}$
142306	1820	2904	$\frac{13}{363}$	$\frac{25}{363}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2904}\ \Phi_{968}\ \Phi_{363}\ \Phi_{264}\ \Phi_{121}\ \Phi_{88}\ \Phi_{33}\ \Phi_{24}\ \Phi_{11}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
142307	1820	1080	$\frac{1}{27}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1080}^3\ \Phi_{360}^3\ \Phi_{216}^2\ \Phi_{135}^3\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{15}^2\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
142308	1820	672	$\frac{1}{21}$	$\frac{5}{96}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^2\ \Phi_{112}^3\ \Phi_{96}^2\ \Phi_{84}^3\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^3\ \Phi_{32}^2\ \Phi_{28}^3\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
142309	1820	2862	$\frac{1}{53}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{2862}\ \Phi_{954}\ \Phi_{477}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}$
142310	1820	966	$\frac{1}{23}$	$\frac{1}{21}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{966}^3\ \Phi_{483}\ \Phi_{322}^3\ \Phi_{161}\ \Phi_{138}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{42}^3\ \Phi_{14}^3\ \Phi_{6}^2\ \Phi_{2}^2$
142311	1820	1377	$\frac{16}{459}$	$\frac{1}{17}$	$\frac{443}{1377}$	$\frac{467}{1377}$	$\Phi_{1377}\ \Phi_{459}^2\ \Phi_{153}^2\ \Phi_{81}\ \Phi_{51}^2\ \Phi_{27}^2\ \Phi_{17}\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^2$
142312	1820	3420	$\frac{1}{114}$	$\frac{1}{5}$	$\frac{113}{342}$	$\frac{229}{684}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{180}\ \Phi_{95}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
142313	1820	681	$\frac{1}{227}$	$\frac{226}{681}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{681}^3\ \Phi_{227}^2\ \Phi_{3}^4\ \Phi_{1}^4$
142314	1820	1179	$\frac{1}{131}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1179}^2\ \Phi_{393}$
142315	1820	681	$\frac{2}{227}$	$\frac{45}{227}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{681}^2\ \Phi_{227}^4\ \Phi_{3}^3\ \Phi_{1}^6$
142316	1820	276	$\frac{1}{92}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{276}^7\ \Phi_{138}^7\ \Phi_{92}^6\ \Phi_{69}^7\ \Phi_{46}^6\ \Phi_{23}^6\ \Phi_{12}^7\ \Phi_{6}^3\ \Phi_{4}^6\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
142317	1820	681	$\frac{3}{227}$	$\frac{32}{227}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{681}^2\ \Phi_{227}^4\ \Phi_{3}^3\ \Phi_{1}^6$
142318	1820	1065	$\frac{1}{71}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1065}^2\ \Phi_{355}^2\ \Phi_{213}$
142319	1820	264	$\frac{1}{66}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{264}^8\ \Phi_{132}^8\ \Phi_{88}^8\ \Phi_{66}^4\ \Phi_{44}^8\ \Phi_{33}^4\ \Phi_{24}^7\ \Phi_{22}^4\ \Phi_{12}^7\ \Phi_{11}^4\ \Phi_{8}^6\ \Phi_{6}^3\ \Phi_{4}^6\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
142320	1820	1023	$\frac{2}{93}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1023}^2\ \Phi_{341}^2\ \Phi_{33}$
142321	1820	681	$\frac{6}{227}$	$\frac{17}{227}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{681}^2\ \Phi_{227}^4\ \Phi_{3}^3\ \Phi_{1}^6$
142322	1820	252	$\frac{1}{36}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{252}^8\ \Phi_{126}^8\ \Phi_{84}^8\ \Phi_{63}^8\ \Phi_{42}^7\ \Phi_{36}^4\ \Phi_{28}^8\ \Phi_{21}^7\ \Phi_{18}^4\ \Phi_{14}^6\ \Phi_{12}^4\ \Phi_{9}^4\ \Phi_{7}^6\ \Phi_{6}^3\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
142323	1820	3096	$\frac{2}{129}$	$\frac{1}{8}$	$\frac{127}{387}$	$\frac{1}{3}$	$\Phi_{3096}\ \Phi_{1548}\ \Phi_{774}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
142324	1820	1485	$\frac{1}{45}$	$\frac{1}{11}$	$\frac{44}{135}$	$\frac{1}{3}$	$\Phi_{1485}^2\ \Phi_{297}^2\ \Phi_{33}$
142325	1820	2898	$\frac{2}{69}$	$\frac{1}{14}$	$\frac{67}{207}$	$\frac{1}{3}$	$\Phi_{2898}\ \Phi_{1449}\ \Phi_{414}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{6}$
142326	1820	480	$\frac{1}{32}$	$\frac{1}{15}$	$\frac{31}{96}$	$\frac{1}{3}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^3\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^3\ \Phi_{40}^4\ \Phi_{32}^2\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{16}^2\ \Phi_{15}^6\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{5}^6\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
142327	1820	459	$\frac{1}{27}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{459}^4\ \Phi_{153}^4\ \Phi_{51}^3\ \Phi_{27}^6\ \Phi_{17}^2\ \Phi_{9}^6\ \Phi_{3}^4\ \Phi_{1}^4$
142328	1820	1278	$\frac{1}{71}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{1278}^2\ \Phi_{639}^2\ \Phi_{213}$
142329	1820	2484	$\frac{1}{92}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{621}\ \Phi_{276}\ \Phi_{138}\ \Phi_{108}\ \Phi_{69}\ \Phi_{54}\ \Phi_{12}\ \Phi_{6}$
142330	1820	3408	$\frac{1}{71}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3408}\ \Phi_{1704}\ \Phi_{213}$
142331	1820	1020	$\frac{3}{68}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{204}\ \Phi_{170}^2\ \Phi_{102}\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
142332	1820	2331	$\frac{3}{259}$	$\frac{2}{9}$	$\frac{64}{259}$	$\frac{1}{3}$	$\Phi_{2331}\ \Phi_{333}\ \Phi_{259}\ \Phi_{63}\ \Phi_{37}\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
142333	1820	2085	$\frac{3}{139}$	$\frac{2}{15}$	$\frac{34}{139}$	$\frac{1}{3}$	$\Phi_{2085}\ \Phi_{695}\ \Phi_{139}\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{1}^2$
142334	1820	1032	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{21}{86}$	$\frac{1}{3}$	$\Phi_{1032}^3\ \Phi_{516}^3\ \Phi_{258}\ \Phi_{129}^2\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_{6}^2\ \Phi_{3}^2$
142335	1820	1320	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{29}{120}$	$\frac{1}{3}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{220}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{33}$
142336	1820	966	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{11}{46}$	$\frac{1}{3}$	$\Phi_{966}^3\ \Phi_{483}^3\ \Phi_{138}\ \Phi_{69}^2\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{6}^2\ \Phi_{3}^2$
142337	1820	2436	$\frac{1}{29}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{812}\ \Phi_{406}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}$
142338	1820	990	$\frac{1}{66}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{990}^3\ \Phi_{495}^3\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{90}^3\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
142339	1820	2331	$\frac{4}{259}$	$\frac{51}{259}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2331}\ \Phi_{333}\ \Phi_{259}\ \Phi_{63}\ \Phi_{37}\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
142340	1820	954	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{954}^{3}\ \Phi_{477}^{2}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}$
142341	1820	1197	$\frac{3}{133}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1197}^{2}\ \Phi_{171}^{2}\ \Phi_{133}^{2}\ \Phi_{63}\ \Phi_{19}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
142342	1820	666	$\frac{1}{37}$	$\frac{9}{74}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{666}^{4}\ \Phi_{333}^{3}\ \Phi_{74}^{4}\ \Phi_{37}^{3}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
142343	1820	2088	$\frac{1}{29}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{522}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}$
142344	1820	2331	$\frac{9}{259}$	$\frac{25}{259}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2331}\ \Phi_{333}\ \Phi_{259}\ \Phi_{63}\ \Phi_{37}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
142345	1820	297	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{297}^{7}\ \Phi_{99}^{6}\ \Phi_{33}^{7}\ \Phi_{11}^{6}$
142346	1820	2331	$\frac{12}{259}$	$\frac{19}{259}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2331}\ \Phi_{333}\ \Phi_{259}\ \Phi_{63}\ \Phi_{37}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
142347	1820	126	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{126}^{20}\ \Phi_{63}^{17}\ \Phi_{42}^{7}\ \Phi_{21}^{6}\ \Phi_{18}^{20}\ \Phi_{14}^{6}\ \Phi_{9}^{18}\ \Phi_{7}^{5}\ \Phi_{6}^{7}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
142348	1820	1767	$\frac{2}{93}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{1767}\ \Phi_{589}\ \Phi_{93}^{2}\ \Phi_{31}^{2}\ \Phi_{19}\ \Phi_{1}^{2}$
142349	1820	930	$\frac{2}{93}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{930}^{3}\ \Phi_{465}^{2}\ \Phi_{310}^{3}\ \Phi_{155}^{2}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
142350	1820	180	$\frac{1}{36}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^{10}\ \Phi_{45}^{10}\ \Phi_{36}^{12}\ \Phi_{30}^{10}\ \Phi_{20}^{10}\ \Phi_{18}^{12}\ \Phi_{15}^{7}\ \Phi_{12}^{12}\ \Phi_{10}^{10}\ \Phi_{9}^{12}\ \Phi_{6}^{12}\ \Phi_{5}^{6}\ \Phi_{4}^{12}\ \Phi_{3}^{8}\ \Phi_{2}^{12}\ \Phi_{1}^{8}$
142351	1820	3135	$\frac{4}{95}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3135}\ \Phi_{627}\ \Phi_{33}$
142352	1820	2085	$\frac{4}{139}$	$\frac{2}{15}$	$\frac{27}{139}$	$\frac{1}{3}$	$\Phi_{2085}\ \Phi_{695}\ \Phi_{139}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
142353	1820	1032	$\frac{4}{129}$	$\frac{1}{8}$	$\frac{25}{129}$	$\frac{1}{3}$	$\Phi_{1032}^{2}\ \Phi_{516}^{2}\ \Phi_{344}^{2}\ \Phi_{258}^{2}\ \Phi_{172}^{2}\ \Phi_{86}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
142354	1820	2733	$\frac{31}{911}$	$\frac{105}{911}$	$\frac{176}{911}$	$\frac{1}{3}$	Φ_{2733}
142355	1820	2475	$\frac{2}{45}$	$\frac{1}{11}$	$\frac{43}{225}$	$\frac{1}{3}$	$\Phi_{2475}\ \Phi_{825}\ \Phi_{275}\ \Phi_{33}$
142356	1820	966	$\frac{4}{69}$	$\frac{1}{14}$	$\frac{13}{69}$	$\frac{1}{3}$	$\Phi_{966}^{2}\ \Phi_{483}^{2}\ \Phi_{322}^{2}\ \Phi_{161}^{2}\ \Phi_{138}^{2}\ \Phi_{46}^{2}\ \Phi_{42}^{3}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
142357	1820	240	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{3}{16}$	$\frac{1}{3}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}^{8}\ \Phi_{60}^{8}\ \Phi_{48}^{4}\ \Phi_{40}^{8}\ \Phi_{30}^{8}\ \Phi_{24}^{4}\ \Phi_{20}^{8}\ \Phi_{16}^{8}\ \Phi_{15}^{10}\ \Phi_{12}^{4}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{6}^{4}\ \Phi_{5}^{10}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
142358	1820	2733	$\frac{57}{911}$	$\frac{61}{911}$	$\frac{170}{911}$	$\frac{1}{3}$	Φ_{2733}
142359	1820	2733	$\frac{53}{911}$	$\frac{66}{911}$	$\frac{169}{911}$	$\frac{1}{3}$	Φ_{2733}
142360	1820	459	$\frac{1}{27}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{459}^{4}\ \Phi_{153}^{4}\ \Phi_{51}^{2}\ \Phi_{27}^{6}\ \Phi_{17}^{4}\ \Phi_{9}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
142361	1820	2733	$\frac{29}{911}$	$\frac{126}{911}$	$\frac{157}{911}$	$\frac{1}{3}$	Φ_{2733}
142362	1820	1086	$\frac{6}{181}$	$\frac{25}{181}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1086}^{2}\ \Phi_{543}\ \Phi_{362}^{2}\ \Phi_{181}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
142363	1820	870	$\frac{1}{29}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{870}^{3}\ \Phi_{435}^{2}\ \Phi_{290}^{3}\ \Phi_{174}\ \Phi_{145}^{2}\ \Phi_{87}\ \Phi_{58}$
142364	1820	216	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{216}^{10}\ \Phi_{108}^{10}\ \Phi_{72}^{10}\ \Phi_{54}^{4}\ \Phi_{36}^{10}\ \Phi_{27}^{6}\ \Phi_{24}^{7}\ \Phi_{18}^{4}\ \Phi_{12}^{7}\ \Phi_{9}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{3}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
142365	1820	1056	$\frac{5}{96}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1056}^{2}\ \Phi_{528}^{2}\ \Phi_{352}^{2}\ \Phi_{264}^{2}\ \Phi_{176}^{2}\ \Phi_{132}^{2}\ \Phi_{88}^{2}\ \Phi_{44}^{2}\ \Phi_{33}$
142366	1820	1086	$\frac{12}{181}$	$\frac{13}{181}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1086}^{2}\ \Phi_{543}\ \Phi_{362}^{2}\ \Phi_{181}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
142367	1820	210	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{210}^{10}\ \Phi_{105}^{10}\ \Phi_{70}^{10}\ \Phi_{42}^{7}\ \Phi_{35}^{10}\ \Phi_{30}^{4}\ \Phi_{21}^{7}\ \Phi_{15}^{6}\ \Phi_{14}^{6}\ \Phi_{10}^{4}\ \Phi_{7}^{6}\ \Phi_{6}^{3}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
142368	1820	1188	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{17}{108}$	$\frac{1}{3}$	$\Phi_{1188}^{2}\ \Phi_{594}^{2}\ \Phi_{396}^{2}\ \Phi_{297}^{2}\ \Phi_{132}^{2}\ \Phi_{44}^{2}\ \Phi_{33}$
142369	1820	2085	$\frac{6}{139}$	$\frac{2}{15}$	$\frac{19}{139}$	$\frac{1}{3}$	$\Phi_{2085}\ \Phi_{695}\ \Phi_{139}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
142370	1820	840	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{280}^{3}\ \Phi_{210}^{3}\ \Phi_{168}\ \Phi_{140}^{3}\ \Phi_{120}^{2}\ \Phi_{84}\ \Phi_{70}^{3}\ \Phi_{60}^{2}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{6}$
142371	1820	2085	$\frac{9}{139}$	$\frac{13}{139}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2085}\ \Phi_{695}\ \Phi_{139}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
142372	1820	165	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{165}^{12}\ \Phi_{55}^{12}\ \Phi_{33}^{13}\ \Phi_{11}^{12}$
142373	1820	2733	$\frac{64}{911}$	$\frac{79}{911}$	$\frac{121}{911}$	$\frac{1}{3}$	Φ_{2733}
142374	1820	966	$\frac{1}{14}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{3}$	$\Phi_{966}^{3}\ \Phi_{483}^{3}\ \Phi_{138}^{3}\ \Phi_{42}^{4}\ \Phi_{21}^{4}\ \Phi_{6}^{4}$
142375	1820	2733	$\frac{61}{911}$	$\frac{85}{911}$	$\frac{118}{911}$	$\frac{1}{3}$	Φ_{2733}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
142376	1820	360	$\frac{1}{15}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{4}\ \Phi_{90}^{6}\ \Phi_{72}^{4}\ \Phi_{60}^{4}\ \Phi_{45}^{6}\ \Phi_{40}^{4}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{3}\ \Phi_{20}^{4}\ \Phi_{18}^{4}\ \Phi_{15}^{6}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
142377	1820	1032	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1032}^{3}\ \Phi_{516}^{3}\ \Phi_{258}^{3}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}$
142378	1820	1848	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1848}^{2}\ \Phi_{924}^{2}\ \Phi_{462}\ \Phi_{264}\ \Phi_{231}\ \Phi_{132}\ \Phi_{33}$
142379	1820	99	$\frac{8}{99}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{99}^{18}\ \Phi_{33}^{19}\ \Phi_{11}^{18}\ \Phi_{9}^{20}\ \Phi_{3}^{20}\ \Phi_{1}^{20}$
142380	1820	3300	$\frac{9}{100}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{3}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{825}\ \Phi_{660}\ \Phi_{132}\ \Phi_{33}$
142381	1820	2565	$\frac{1}{45}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{44}{135}$	$\Phi_{2565}\ \Phi_{513}\ \Phi_{135}^{2}\ \Phi_{27}^{2}\ \Phi_{19}\ \Phi_{1}^{2}$
142382	1820	270	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{44}{135}$	$\Phi_{270}^{12}\ \Phi_{135}^{8}\ \Phi_{54}^{12}\ \Phi_{30}\ \Phi_{27}^{8}\ \Phi_{15}\ \Phi_{10}$
142383	1820	288	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{31}{96}$	$\Phi_{288}^{6}\ \Phi_{144}^{6}\ \Phi_{96}^{7}\ \Phi_{72}^{6}\ \Phi_{48}^{7}\ \Phi_{36}^{6}\ \Phi_{32}^{6}\ \Phi_{24}^{7}\ \Phi_{18}^{6}\ \Phi_{16}^{6}\ \Phi_{12}^{7}\ \Phi_{9}^{9}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{10}\ \Phi_{2}^{6}\ \Phi_{1}^{10}$
142384	1820	480	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{31}{96}$	$\Phi_{480}^{7}\ \Phi_{240}^{7}\ \Phi_{120}^{7}\ \Phi_{60}^{7}\ \Phi_{40}\ \Phi_{30}^{7}\ \Phi_{20}\ \Phi_{15}^{7}\ \Phi_{10}$
142385	1820	360	$\frac{1}{24}$	$\frac{7}{72}$	$\frac{1}{5}$	$\frac{23}{72}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{7}\ \Phi_{90}^{6}\ \Phi_{60}^{7}\ \Phi_{45}^{6}\ \Phi_{40}^{7}\ \Phi_{30}^{7}\ \Phi_{20}^{7}\ \Phi_{15}^{7}\ \Phi_{10}^{7}\ \Phi_{5}^{6}$
142386	1820	51	$\frac{1}{17}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{16}{51}$	$\Phi_{51}^{52}\ \Phi_{17}^{3}\ \Phi_{3}^{52}\ \Phi_{1}^{4}$
142387	1820	3570	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{16}{51}$	$\Phi_{3570}\ \Phi_{1785}\ \Phi_{510}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{10}$
142388	1820	153	$\frac{1}{17}$	$\frac{5}{51}$	$\frac{23}{153}$	$\frac{16}{51}$	$\Phi_{153}^{14}\ \Phi_{51}^{8}\ \Phi_{17}^{7}\ \Phi_{9}^{14}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
142389	1820	102	$\frac{1}{17}$	$\frac{11}{102}$	$\frac{7}{51}$	$\frac{16}{51}$	$\Phi_{102}^{20}\ \Phi_{51}^{16}\ \Phi_{34}^{20}\ \Phi_{17}^{15}\ \Phi_{6}^{20}\ \Phi_{3}^{16}\ \Phi_{2}^{20}\ \Phi_{1}^{16}$
142390	1820	1512	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{59}{189}$	$\Phi_{1512}^{2}\ \Phi_{756}^{2}\ \Phi_{378}^{2}\ \Phi_{216}^{2}\ \Phi_{108}^{2}\ \Phi_{72}\ \Phi_{54}^{2}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
142391	1820	924	$\frac{1}{21}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{231}^{2}\ \Phi_{154}^{2}\ \Phi_{132}\ \Phi_{84}^{3}\ \Phi_{77}^{2}\ \Phi_{66}\ \Phi_{44}^{2}\ \Phi_{42}^{3}\ \Phi_{33}\ \Phi_{28}^{3}\ \Phi_{22}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
142392	1820	3240	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{1}{5}$	$\frac{193}{648}$	$\Phi_{3240}\ \Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
142393	1820	68	$\frac{3}{68}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{68}^{28}\ \Phi_{34}^{28}\ \Phi_{17}^{23}\ \Phi_{4}^{28}\ \Phi_{2}^{28}\ \Phi_{1}^{24}$
142394	1820	2502	$\frac{3}{139}$	$\frac{1}{6}$	$\frac{34}{139}$	$\frac{5}{18}$	$\Phi_{2502}\ \Phi_{1251}\ \Phi_{139}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
142395	1820	180	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{180}^{13}\ \Phi_{90}^{12}\ \Phi_{60}^{13}\ \Phi_{45}^{12}\ \Phi_{30}^{13}\ \Phi_{20}^{13}\ \Phi_{15}^{13}\ \Phi_{10}^{13}\ \Phi_{5}^{12}$
142396	1820	2502	$\frac{4}{139}$	$\frac{1}{6}$	$\frac{27}{139}$	$\frac{5}{18}$	$\Phi_{2502}\ \Phi_{1251}\ \Phi_{139}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
142397	1820	522	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{522}^{5}\ \Phi_{261}^{5}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
142398	1820	2502	$\frac{6}{139}$	$\frac{19}{139}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2502}\ \Phi_{1251}\ \Phi_{139}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
142399	1820	504	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{504}^{6}\ \Phi_{252}^{6}\ \Phi_{168}\ \Phi_{126}^{3}\ \Phi_{84}\ \Phi_{72}^{4}\ \Phi_{63}^{3}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}^{4}\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}^{2}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{6}$
142400	1820	2502	$\frac{9}{139}$	$\frac{13}{139}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2502}\ \Phi_{1251}\ \Phi_{139}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
142401	1820	990	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{990}^{3}\ \Phi_{495}^{3}\ \Phi_{198}^{2}\ \Phi_{165}\ \Phi_{99}^{2}\ \Phi_{55}\ \Phi_{33}$
142402	1820	2544	$\frac{1}{53}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{2544}\ \Phi_{1272}\ \Phi_{636}\ \Phi_{318}\ \Phi_{212}\ \Phi_{159}\ \Phi_{106}$
142403	1820	750	$\frac{11}{375}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{750}^{3}\ \Phi_{375}^{2}\ \Phi_{250}^{3}\ \Phi_{150}^{3}\ \Phi_{125}^{2}\ \Phi_{75}^{2}\ \Phi_{50}^{3}\ \Phi_{30}\ \Phi_{25}^{2}\ \Phi_{15}\ \Phi_{10}$
142404	1820	612	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{47}{204}$	$\frac{157}{612}$	$\Phi_{612}^{4}\ \Phi_{306}^{4}\ \Phi_{153}^{4}\ \Phi_{51}^{4}\ \Phi_{36}^{4}\ \Phi_{18}^{4}\ \Phi_{17}^{3}\ \Phi_{9}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
142405	1820	696	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{7}{29}$	$\frac{22}{87}$	$\Phi_{696}^{4}\ \Phi_{348}^{4}\ \Phi_{232}\ \Phi_{174}^{4}\ \Phi_{116}\ \Phi_{58}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}$
142406	1820	2224	$\frac{3}{139}$	$\frac{3}{16}$	$\frac{34}{139}$	$\frac{1}{4}$	$\Phi_{2224}\ \Phi_{1112}\ \Phi_{139}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
142407	1820	612	$\frac{3}{68}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{612}^{3}\ \Phi_{306}^{3}\ \Phi_{204}^{3}\ \Phi_{153}^{3}\ \Phi_{102}^{3}\ \Phi_{68}^{4}\ \Phi_{51}^{3}\ \Phi_{34}^{4}\ \Phi_{17}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
142408	1820	720	$\frac{1}{36}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{720}^{4}\ \Phi_{360}^{4}\ \Phi_{240}^{4}\ \Phi_{180}\ \Phi_{120}^{4}\ \Phi_{90}\ \Phi_{80}^{3}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}^{3}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
142409	1820	680	$\frac{3}{68}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{680}^{4}\ \Phi_{340}^{3}\ \Phi_{170}^{3}\ \Phi_{85}^{3}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
142410	1820	2224	$\frac{4}{139}$	$\frac{3}{16}$	$\frac{27}{139}$	$\frac{1}{4}$	$\Phi_{2224}\ \Phi_{1112}\ \Phi_{139}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
142411	1820	1392	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1392}^{2}\ \Phi_{696}^{2}\ \Phi_{464}\ \Phi_{232}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
142412	1820	2224	$\frac{6}{139}$	$\frac{19}{139}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2224}\ \Phi_{1112}\ \Phi_{139}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
142413	1820	336	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{336}^{7}\ \Phi_{168}^{4}\ \Phi_{112}^{7}\ \Phi_{84}^{5}\ \Phi_{56}^{4}\ \Phi_{48}^{7}\ \Phi_{42}^{5}\ \Phi_{28}^{5}\ \Phi_{24}^{4}\ \Phi_{21}^{4}\ \Phi_{14}^{5}\ \Phi_{12}^{5}\ \Phi_{7}^{4}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
142414	1820	2224	$\frac{9}{139}$	$\frac{13}{139}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2224}\ \Phi_{1112}\ \Phi_{139}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
142415	1820	2640	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{880}\ \Phi_{528}\ \Phi_{440}\ \Phi_{264}\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}$
142416	1820	2280	$\frac{1}{30}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{29}{120}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{456}\ \Phi_{380}\ \Phi_{228}\ \Phi_{152}\ \Phi_{120}^{2}\ \Phi_{76}\ \Phi_{60}^{2}\ \Phi_{40}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{19}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
142417	1820	120	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{29}{120}$	$\Phi_{120}^{20}\ \Phi_{60}^{20}\ \Phi_{40}^{20}\ \Phi_{30}\ \Phi_{24}^{20}\ \Phi_{20}^{20}\ \Phi_{15}\ \Phi_{12}^{20}\ \Phi_{10}\ \Phi_{8}^{20}\ \Phi_{4}^{20}$
142418	1820	690	$\frac{1}{23}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{11}{46}$	$\Phi_{690}^{4}\ \Phi_{345}^{2}\ \Phi_{230}^{2}\ \Phi_{138}^{4}\ \Phi_{115}\ \Phi_{69}^{2}\ \Phi_{46}^{4}\ \Phi_{30}^{4}\ \Phi_{23}^{2}\ \Phi_{15}^{4}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
142419	1820	17	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{4}{17}$	$\Phi_{17}^{107}\ \Phi_{1}^{108}$
142420	1820	408	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{4}{17}$	$\Phi_{408}^{6}\ \Phi_{204}^{6}\ \Phi_{136}^{3}\ \Phi_{102}^{3}\ \Phi_{68}^{3}\ \Phi_{51}^{3}\ \Phi_{24}^{8}\ \Phi_{17}^{3}\ \Phi_{12}^{8}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
142421	1820	1819	$\frac{115}{1819}$	$\frac{199}{1819}$	$\frac{324}{1819}$	$\frac{426}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_{1}^{2}$
142422	1820	2088	$\frac{17}{261}$	$\frac{1}{8}$	$\frac{40}{261}$	$\frac{61}{261}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{522}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{116}\ \Phi_{72}\ \Phi_{58}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
142423	1820	1819	$\frac{123}{1819}$	$\frac{220}{1819}$	$\frac{279}{1819}$	$\frac{424}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_{1}^{2}$
142424	1820	438	$\frac{5}{73}$	$\frac{8}{73}$	$\frac{1}{6}$	$\frac{17}{73}$	$\Phi_{438}^{5}\ \Phi_{219}^{5}\ \Phi_{146}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
142425	1820	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{2}{9}$	$\Phi_{144}^{12}\ \Phi_{72}^{12}\ \Phi_{48}^{12}\ \Phi_{36}^{12}\ \Phi_{24}^{12}\ \Phi_{18}^{12}\ \Phi_{16}^{16}\ \Phi_{12}^{12}\ \Phi_{9}^{15}\ \Phi_{8}^{16}\ \Phi_{6}^{12}\ \Phi_{4}^{16}\ \Phi_{3}^{15}\ \Phi_{2}^{16}\ \Phi_{1}^{20}$
142426	1820	126	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{2}{9}$	$\Phi_{126}^{15}\ \Phi_{63}^{15}\ \Phi_{42}^{17}\ \Phi_{21}^{17}\ \Phi_{18}^{6}\ \Phi_{14}^{16}\ \Phi_{9}^{9}\ \Phi_{7}^{16}\ \Phi_{6}^{7}\ \Phi_{3}^{10}\ \Phi_{2}^{6}\ \Phi_{1}^{10}$
142427	1820	72	$\frac{7}{72}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{2}{9}$	$\Phi_{72}^{25}\ \Phi_{36}^{25}\ \Phi_{24}^{25}\ \Phi_{18}^{25}\ \Phi_{12}^{25}\ \Phi_{9}^{28}\ \Phi_{8}^{24}\ \Phi_{6}^{25}\ \Phi_{4}^{24}\ \Phi_{3}^{28}\ \Phi_{2}^{24}\ \Phi_{1}^{28}$
142428	1820	1819	$\frac{109}{1819}$	$\frac{211}{1819}$	$\frac{342}{1819}$	$\frac{402}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_{1}^{2}$
142429	1820	1974	$\frac{1}{14}$	$\frac{17}{141}$	$\frac{22}{141}$	$\frac{31}{141}$	$\Phi_{1974}\ \Phi_{987}\ \Phi_{658}\ \Phi_{329}\ \Phi_{282}\ \Phi_{94}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
142430	1820	480	$\frac{5}{96}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{480}^{5}\ \Phi_{240}^{5}\ \Phi_{160}^{4}\ \Phi_{120}^{5}\ \Phi_{80}^{4}\ \Phi_{60}^{5}\ \Phi_{40}^{5}\ \Phi_{30}^{5}\ \Phi_{20}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{5}^{4}$
142431	1820	1819	$\frac{118}{1819}$	$\frac{243}{1819}$	$\frac{285}{1819}$	$\frac{394}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_{1}^{2}$
142432	1820	2190	$\frac{22}{365}$	$\frac{49}{365}$	$\frac{1}{6}$	$\frac{79}{365}$	$\Phi_{2190}\ \Phi_{1095}\ \Phi_{730}\ \Phi_{438}\ \Phi_{219}\ \Phi_{146}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
142433	1820	95	$\frac{4}{95}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{95}^{19}\ \Phi_{19}^{20}\ \Phi_{5}^{18}\ \Phi_{1}^{20}$
142434	1820	1824	$\frac{5}{96}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{96}^{2}\ \Phi_{76}\ \Phi_{48}^{2}\ \Phi_{32}^{2}\ \Phi_{24}^{2}\ \Phi_{19}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
142435	1820	2052	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{513}\ \Phi_{228}\ \Phi_{108}^{2}\ \Phi_{76}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{19}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
142436	1820	285	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{285}^{6}\ \Phi_{95}^{6}\ \Phi_{57}^{6}\ \Phi_{19}^{7}\ \Phi_{15}^{12}\ \Phi_{5}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{14}$
142437	1820	1064	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1064}^{2}\ \Phi_{532}^{2}\ \Phi_{266}\ \Phi_{152}\ \Phi_{133}\ \Phi_{76}\ \Phi_{56}^{4}\ \Phi_{28}^{4}\ \Phi_{19}\ \Phi_{14}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
142438	1820	1881	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{209}\ \Phi_{99}^{2}\ \Phi_{33}^{2}\ \Phi_{19}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
142439	1820	1900	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{475}\ \Phi_{380}\ \Phi_{100}^{2}\ \Phi_{76}\ \Phi_{50}^{2}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{19}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
142440	1820	2880	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{1}{5}$	$\frac{121}{576}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{160}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
142441	1820	1819	$\frac{111}{1819}$	$\frac{244}{1819}$	$\frac{315}{1819}$	$\frac{376}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_{1}^{2}$
142442	1820	1974	$\frac{1}{14}$	$\frac{16}{141}$	$\frac{25}{141}$	$\frac{29}{141}$	$\Phi_{1974}\ \Phi_{987}\ \Phi_{658}\ \Phi_{329}\ \Phi_{282}\ \Phi_{94}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
142443	1820	1819	$\frac{124}{1819}$	$\frac{207}{1819}$	$\frac{339}{1819}$	$\frac{370}{1819}$	$\Phi_{1819}\ \Phi_{107}\ \Phi_{17}\ \Phi_{1}^{2}$
142444	1820	2088	$\frac{16}{261}$	$\frac{1}{8}$	$\frac{49}{261}$	$\frac{53}{261}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{522}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{116}\ \Phi_{72}\ \Phi_{58}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
142445	1820	570	$\frac{2}{57}$	$\frac{11}{57}$	$\frac{1}{5}$	$\frac{23}{114}$	$\Phi_{570}^{5}\ \Phi_{285}^{3}\ \Phi_{190}^{5}\ \Phi_{95}^{3}\ \Phi_{30}^{5}\ \Phi_{15}^{3}\ \Phi_{10}^{5}\ \Phi_{5}^{2}$
142446	1820	570	$\frac{4}{95}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{570}^{4}\ \Phi_{285}^{4}\ \Phi_{190}^{4}\ \Phi_{114}^{4}\ \Phi_{57}^{4}\ \Phi_{38}^{4}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
142447	1820	450	$\frac{2}{45}$	$\frac{1}{6}$	$\frac{43}{225}$	$\frac{1}{5}$	$\Phi_{450}^{6}\ \Phi_{225}^{4}\ \Phi_{150}^{6}\ \Phi_{75}^{4}\ \Phi_{50}^{6}\ \Phi_{30}\ \Phi_{25}^{4}\ \Phi_{15}\ \Phi_{10}$
142448	1820	345	$\frac{4}{69}$	$\frac{2}{15}$	$\frac{13}{69}$	$\frac{1}{5}$	$\Phi_{345}^{5}\ \Phi_{115}^{5}\ \Phi_{69}^{6}\ \Phi_{23}^{6}\ \Phi_{15}^{7}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
142449	1820	80	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{5}$	$\Phi_{80}^{28}\ \Phi_{40}^{29}\ \Phi_{20}^{29}\ \Phi_{10}^{29}\ \Phi_{5}^{28}$
142450	1820	2280	$\frac{31}{456}$	$\frac{53}{456}$	$\frac{85}{456}$	$\frac{1}{5}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{120}\ \Phi_{95}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
142451	1820	1190	$\frac{1}{14}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{5}$	$\Phi_{1190}^{2}\ \Phi_{595}^{2}\ \Phi_{170}^{2}\ \Phi_{70}^{3}\ \Phi_{35}^{3}\ \Phi_{10}^{3}$
142452	1820	2280	$\frac{29}{456}$	$\frac{61}{456}$	$\frac{79}{456}$	$\frac{1}{5}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{120}\ \Phi_{95}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
142453	1820	480	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{480}^{5}\ \Phi_{240}^{5}\ \Phi_{160}^{5}\ \Phi_{120}^{5}\ \Phi_{80}^{5}\ \Phi_{60}^{5}\ \Phi_{40}^{5}\ \Phi_{30}\ \Phi_{20}^{5}\ \Phi_{15}\ \Phi_{10}$
142454	1820	540	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{540}^{5}\ \Phi_{270}^{5}\ \Phi_{180}^{5}\ \Phi_{135}^{5}\ \Phi_{60}^{5}\ \Phi_{30}\ \Phi_{20}^{5}\ \Phi_{15}\ \Phi_{10}$
142455	1820	30	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{30}^{73}\ \Phi_{15}^{49}\ \Phi_{10}^{73}\ \Phi_{6}^{72}\ \Phi_{5}^{48}\ \Phi_{3}^{48}\ \Phi_{2}^{72}\ \Phi_{1}^{48}$
142456	1820	840	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{840}^{4}\ \Phi_{420}^{4}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{70}\ \Phi_{60}^{2}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
142457	1820	990	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{990}^{3}\ \Phi_{495}^{2}\ \Phi_{330}^{3}\ \Phi_{165}^{2}\ \Phi_{110}^{3}\ \Phi_{55}^{2}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
142458	1820	810	$\frac{4}{45}$	$\frac{41}{405}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{810}^{3}\ \Phi_{405}^{2}\ \Phi_{270}^{3}\ \Phi_{162}^{3}\ \Phi_{135}^{2}\ \Phi_{81}^{2}\ \Phi_{54}^{3}\ \Phi_{30}\ \Phi_{27}^{2}\ \Phi_{15}\ \Phi_{10}$
142459	1820	300	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{300}^{8}\ \Phi_{150}^{8}\ \Phi_{100}^{4}\ \Phi_{75}^{8}\ \Phi_{60}^{8}\ \Phi_{50}^{4}\ \Phi_{30}\ \Phi_{25}^{4}\ \Phi_{20}^{4}\ \Phi_{15}\ \Phi_{12}^{8}\ \Phi_{10}\ \Phi_{4}^{4}$
142460	1820	380	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{11}{76}$	$\frac{1}{5}$	$\Phi_{380}^{7}\ \Phi_{190}^{5}\ \Phi_{95}^{5}\ \Phi_{20}^{7}\ \Phi_{10}^{5}\ \Phi_{5}^{4}$
142461	1820	345	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{345}^{6}\ \Phi_{115}^{3}\ \Phi_{69}^{6}\ \Phi_{23}^{6}\ \Phi_{15}^{8}\ \Phi_{5}^{4}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
142462	1820	1320	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{440}\ \Phi_{330}^{2}\ \Phi_{264}^{2}\ \Phi_{220}\ \Phi_{132}^{2}\ \Phi_{110}\ \Phi_{88}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}$
142463	1820	360	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{5}$	$\Phi_{360}^{7}\ \Phi_{180}^{7}\ \Phi_{120}^{7}\ \Phi_{90}^{7}\ \Phi_{60}^{7}\ \Phi_{45}^{7}\ \Phi_{40}\ \Phi_{30}^{7}\ \Phi_{20}\ \Phi_{15}^{7}\ \Phi_{10}$
142464	1820	2560	$\frac{7}{64}$	$\frac{57}{512}$	$\frac{1}{8}$	$\frac{1}{5}$	$\Phi_{2560}\ \Phi_{1280}\ \Phi_{640}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
142465	1820	107	$\frac{11}{107}$	$\frac{12}{107}$	$\frac{16}{107}$	$\frac{19}{107}$	$\Phi_{107}^{17}\ \Phi_{1}^{18}$
142466	1820	153	$\frac{5}{51}$	$\frac{2}{17}$	$\frac{23}{153}$	$\frac{3}{17}$	$\Phi_{153}^{14}\ \Phi_{51}^{7}\ \Phi_{17}^{9}\ \Phi_{9}^{14}\ \Phi_{3}^{7}\ \Phi_{1}^{10}$
142467	1820	102	$\frac{11}{102}$	$\frac{2}{17}$	$\frac{7}{51}$	$\frac{3}{17}$	$\Phi_{102}^{20}\ \Phi_{51}^{15}\ \Phi_{34}^{20}\ \Phi_{17}^{17}\ \Phi_{6}^{20}\ \Phi_{3}^{15}\ \Phi_{2}^{20}\ \Phi_{1}^{18}$
142468	1820	504	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{63}$	$\frac{11}{63}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{168}^{4}\ \Phi_{126}^{4}\ \Phi_{84}^{4}\ \Phi_{72}^{5}\ \Phi_{56}^{4}\ \Phi_{42}^{4}\ \Phi_{36}^{5}\ \Phi_{28}^{4}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{14}^{4}\ \Phi_{12}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
142469	1820	232	$\frac{3}{29}$	$\frac{1}{8}$	$\frac{4}{29}$	$\frac{5}{29}$	$\Phi_{232}^{9}\ \Phi_{116}^{9}\ \Phi_{58}^{9}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}$
142470	1821	2912	$\frac{1}{364}$	$\frac{365}{1456}$	$\frac{1091}{2912}$	$\frac{363}{728}$	$\Phi_{2912}\ \Phi_{728}\ \Phi_{416}\ \Phi_{224}\ \Phi_{104}\ \Phi_{56}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
142471	1821	3632	$\frac{5}{1816}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1811}{3632}$	$\Phi_{3632}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
142472	1821	1040	$\frac{1}{260}$	$\frac{87}{520}$	$\frac{433}{1040}$	$\frac{259}{520}$	$\Phi_{1040}^{3}\ \Phi_{520}\ \Phi_{208}^{3}\ \Phi_{104}\ \Phi_{80}^{3}\ \Phi_{40}\ \Phi_{16}^{3}\ \Phi_{8}\ \Phi_{1}$
142473	1821	2432	$\frac{3}{608}$	$\frac{1}{4}$	$\frac{611}{2432}$	$\frac{605}{1216}$	$\Phi_{2432}\ \Phi_{608}\ \Phi_{304}\ \Phi_{152}\ \Phi_{128}\ \Phi_{76}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
142474	1821	1208	$\frac{3}{604}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{601}{1208}$	$\Phi_{1208}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
142475	1821	1120	$\frac{1}{140}$	$\frac{47}{560}$	$\frac{513}{1120}$	$\frac{139}{280}$	$\Phi_{1120}^{3}\ \Phi_{280}\ \Phi_{224}^{3}\ \Phi_{160}^{3}\ \Phi_{56}\ \Phi_{40}\ \Phi_{32}^{3}\ \Phi_{8}\ \Phi_{1}$
142476	1821	840	$\frac{1}{140}$	$\frac{47}{280}$	$\frac{233}{840}$	$\frac{139}{280}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{280}\ \Phi_{210}^{3}\ \Phi_{168}^{3}\ \Phi_{120}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{60}^{3}\ \Phi_{56}\ \Phi_{42}^{3}\ \Phi_{40}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{8}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}$
142477	1821	2240	$\frac{1}{140}$	$\frac{419}{2240}$	$\frac{141}{560}$	$\frac{139}{280}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{64}\ \Phi_{56}\ \Phi_{40}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
142478	1821	3616	$\frac{13}{1808}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1795}{3616}$	$\Phi_{3616}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
142479	1821	1204	$\frac{5}{602}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{597}{1204}$	$\Phi_{1204}^{3}\ \Phi_{172}^{3}\ \Phi_{28}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
142480	1821	812	$\frac{2}{203}$	$\frac{1}{7}$	$\frac{205}{812}$	$\frac{201}{406}$	$\Phi_{812}^{3}\ \Phi_{203}^{3}\ \Phi_{116}^{3}\ \Phi_{29}^{3}\ \Phi_{28}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
142481	1821	730	$\frac{4}{365}$	$\frac{123}{730}$	$\frac{1}{5}$	$\frac{361}{730}$	$\Phi_{730}^{2}\ \Phi_{365}^{3}\ \Phi_{146}^{2}\ \Phi_{73}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
142482	1821	1200	$\frac{7}{600}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{593}{1200}$	$\Phi_{1200}^{3}\ \Phi_{400}^{3}\ \Phi_{240}^{3}\ \Phi_{80}^{3}\ \Phi_{48}^{3}\ \Phi_{40}\ \Phi_{16}^{3}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
142483	1821	1200	$\frac{7}{600}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{593}{1200}$	$\Phi_{1200}^3\ \Phi_{400}^3\ \Phi_{240}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
142484	1821	1200	$\frac{7}{600}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{593}{1200}$	$\Phi_{1200}^3\ \Phi_{400}^3\ \Phi_{240}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
142485	1821	1200	$\frac{7}{600}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{593}{1200}$	$\Phi_{1200}^3\ \Phi_{400}^3\ \Phi_{240}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{25}\ \Phi_{16}^3\ \Phi_1$
142486	1821	2440	$\frac{9}{610}$	$\frac{1}{10}$	$\frac{619}{2440}$	$\frac{601}{1220}$	$\Phi_{2440}\ \Phi_{610}\ \Phi_{488}\ \Phi_{305}\ \Phi_{122}\ \Phi_{61}\ \Phi_{40}\ \Phi_8\ \Phi_1$
142487	1821	1196	$\frac{9}{598}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{589}{1196}$	$\Phi_{1196}^3\ \Phi_{92}^3\ \Phi_{52}^3\ \Phi_{13}^2\ \Phi_4^3\ \Phi_1^3$
142488	1821	3584	$\frac{29}{1792}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{1763}{3584}$	$\Phi_{3584}\ \Phi_{512}\ \Phi_{56}\ \Phi_8\ \Phi_1$
142489	1821	3584	$\frac{29}{1792}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1763}{3584}$	$\Phi_{3584}\ \Phi_{512}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
142490	1821	3536	$\frac{1}{52}$	$\frac{53}{1768}$	$\frac{1715}{3536}$	$\frac{51}{104}$	$\Phi_{3536}\ \Phi_{272}\ \Phi_{208}\ \Phi_{104}\ \Phi_{16}\ \Phi_8\ \Phi_1$
142491	1821	2444	$\frac{12}{611}$	$\frac{1}{13}$	$\frac{623}{2444}$	$\frac{599}{1222}$	$\Phi_{2444}\ \Phi_{611}\ \Phi_{188}\ \Phi_{52}\ \Phi_{47}\ \Phi_4\ \Phi_1$
142492	1821	1184	$\frac{15}{592}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{577}{1184}$	$\Phi_{1184}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
142493	1821	2030	$\frac{6}{203}$	$\frac{209}{2030}$	$\frac{1}{7}$	$\frac{197}{406}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{290}\ \Phi_{203}\ \Phi_{145}\ \Phi_{70}\ \Phi_{35}\ \Phi_{29}\ \Phi_{10}\ \Phi_5\ \Phi_1$
142494	1821	2356	$\frac{18}{589}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{571}{1178}$	$\Phi_{2356}\ \Phi_{589}\ \Phi_{124}\ \Phi_{76}^2\ \Phi_{38}\ \Phi_{31}\ \Phi_{19}\ \Phi_4\ \Phi_1$
142495	1821	640	$\frac{1}{32}$	$\frac{33}{640}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{128}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
142496	1821	1176	$\frac{19}{588}$	$\frac{1}{28}$	$\frac{9}{28}$	$\frac{569}{1176}$	$\Phi_{1176}^3\ \Phi_{392}^3\ \Phi_{168}^3\ \Phi_{56}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
142497	1821	1176	$\frac{19}{588}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{569}{1176}$	$\Phi_{1176}^3\ \Phi_{392}^3\ \Phi_{168}^3\ \Phi_{56}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
142498	1821	3520	$\frac{61}{1760}$	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{1699}{3520}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{16}\ \Phi_8\ \Phi_1$
142499	1821	896	$\frac{29}{896}$	$\frac{1}{28}$	$\frac{289}{896}$	$\frac{27}{56}$	$\Phi_{896}^2\ \Phi_{448}^2\ \Phi_{224}^2\ \Phi_{128}^2\ \Phi_{112}^2\ \Phi_{64}^2\ \Phi_{56}^3\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
142500	1821	1904	$\frac{1}{28}$	$\frac{83}{1904}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{272}\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{68}\ \Phi_{56}\ \Phi_{34}\ \Phi_{17}\ \Phi_8\ \Phi_1$
142501	1821	2240	$\frac{1}{28}$	$\frac{29}{448}$	$\frac{419}{2240}$	$\frac{27}{56}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{320}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
142502	1821	672	$\frac{1}{28}$	$\frac{65}{672}$	$\frac{29}{224}$	$\frac{27}{56}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^2\ \Phi_{168}^3\ \Phi_{112}^2\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{42}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
142503	1821	3496	$\frac{3}{76}$	$\frac{73}{1748}$	$\frac{1}{4}$	$\frac{1675}{3496}$	$\Phi_{3496}\ \Phi_{184}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_8\ \Phi_1$
142504	1821	2464	$\frac{1}{28}$	$\frac{27}{616}$	$\frac{643}{2464}$	$\frac{589}{1232}$	$\Phi_{2464}\ \Phi_{616}\ \Phi_{352}\ \Phi_{308}\ \Phi_{224}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
142505	1821	800	$\frac{7}{200}$	$\frac{1}{20}$	$\frac{193}{800}$	$\frac{19}{40}$	$\Phi_{800}^3\ \Phi_{400}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{40}\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8\ \Phi_1$
142506	1821	640	$\frac{1}{20}$	$\frac{33}{640}$	$\frac{7}{40}$	$\frac{19}{40}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{128}^3\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8\ \Phi_1$
142507	1821	720	$\frac{1}{20}$	$\frac{7}{120}$	$\frac{113}{720}$	$\frac{19}{40}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{45}^3\ \Phi_{40}\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_9^3\ \Phi_8\ \Phi_1$
142508	1821	2000	$\frac{1}{20}$	$\frac{179}{2000}$	$\frac{21}{200}$	$\frac{19}{40}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{125}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_8\ \Phi_1$
142509	1821	1152	$\frac{1}{32}$	$\frac{31}{576}$	$\frac{1}{4}$	$\frac{545}{1152}$	$\Phi_{1152}^3\ \Phi_{384}^3\ \Phi_{128}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
142510	1821	1144	$\frac{1}{52}$	$\frac{35}{572}$	$\frac{17}{52}$	$\frac{537}{1144}$	$\Phi_{1144}^3\ \Phi_{104}^3\ \Phi_{88}^3\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
142511	1821	1140	$\frac{1}{38}$	$\frac{37}{570}$	$\frac{1}{4}$	$\frac{533}{1140}$	$\Phi_{1140}\ \Phi_{570}^2\ \Phi_{380}\ \Phi_{285}^2\ \Phi_{228}\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{76}^3\ \Phi_{60}\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{19}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
142512	1821	832	$\frac{1}{52}$	$\frac{17}{208}$	$\frac{225}{832}$	$\frac{191}{416}$	$\Phi_{832}^3\ \Phi_{208}^3\ \Phi_{104}^3\ \Phi_{64}^3\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
142513	1821	1120	$\frac{1}{70}$	$\frac{47}{560}$	$\frac{23}{70}$	$\frac{513}{1120}$	$\Phi_{1120}^3\ \Phi_{224}^3\ \Phi_{160}^3\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{32}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
142514	1821	1120	$\frac{1}{28}$	$\frac{47}{560}$	$\frac{9}{56}$	$\frac{513}{1120}$	$\Phi_{1120}^3\ \Phi_{224}^3\ \Phi_{160}^3\ \Phi_{56}^3\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
142515	1821	3344	$\frac{3}{152}$	$\frac{149}{1672}$	$\frac{1}{4}$	$\frac{1523}{3344}$	$\Phi_{3344}\ \Phi_{304}\ \Phi_{176}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_8\ \Phi_1$
142516	1821	1856	$\frac{35}{1856}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}\ \Phi_{32}\ \Phi_{29}\ \Phi_{16}\ \Phi_8\ \Phi_1$
142517	1821	3328	$\frac{1}{52}$	$\frac{157}{1664}$	$\frac{51}{208}$	$\frac{1507}{3328}$	$\Phi_{3328}\ \Phi_{256}\ \Phi_{208}\ \Phi_{104}\ \Phi_{16}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
142518	1821	630	$\frac{23}{630}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{630}^3\,\Phi_{315}^3\,\Phi_{210}^3\,\Phi_{126}^3\,\Phi_{105}^3\,\Phi_{90}^3\,\Phi_{70}^3\,\Phi_{63}^3\,\Phi_{45}^3\,\Phi_{35}^3\,\Phi_{30}^3\,\Phi_{21}^3\,\Phi_{18}^3\,\Phi_{15}^3\,\Phi_{10}^3\,\Phi_{9}^3\,\Phi_{7}^2\,\Phi_{5}^3\,\Phi_{3}^3\,\Phi_{1}^3$
142519	1821	840	$\frac{1}{70}$	$\frac{23}{210}$	$\frac{233}{840}$	$\frac{187}{420}$	$\Phi_{840}^3\,\Phi_{280}^3\,\Phi_{210}^3\,\Phi_{168}^3\,\Phi_{120}^3\,\Phi_{105}^3\,\Phi_{70}^2\,\Phi_{56}^3\,\Phi_{42}^3\,\Phi_{40}^3\,\Phi_{35}^2\,\Phi_{30}^3\,\Phi_{24}^3\,\Phi_{21}^3\,\Phi_{15}^3\,\Phi_{14}^2\,\Phi_{10}^2\,\Phi_{8}^3\,\Phi_{7}^2\,\Phi_{6}^3\,\Phi_{5}^2\,\Phi_{3}^3\,\Phi_{2}^2\,\Phi_{1}^3$
142520	1821	1092	$\frac{1}{91}$	$\frac{61}{546}$	$\frac{30}{91}$	$\frac{485}{1092}$	$\Phi_{1092}^3\,\Phi_{364}^3\,\Phi_{156}^3\,\Phi_{91}^2\,\Phi_{84}^3\,\Phi_{52}^3\,\Phi_{28}^3\,\Phi_{13}^2\,\Phi_{12}^3\,\Phi_{7}^2\,\Phi_{4}^3\,\Phi_{1}^3$
142521	1821	3248	$\frac{6}{203}$	$\frac{197}{1624}$	$\frac{1}{7}$	$\frac{1427}{3248}$	$\Phi_{3248}\,\Phi_{464}\,\Phi_{203}\,\Phi_{112}\,\Phi_{29}\,\Phi_{16}\,\Phi_{1}$
142522	1821	1064	$\frac{1}{76}$	$\frac{75}{532}$	$\frac{1}{4}$	$\frac{457}{1064}$	$\Phi_{1064}^3\,\Phi_{152}^3\,\Phi_{76}^3\,\Phi_{56}^3\,\Phi_{38}^3\,\Phi_{19}^3\,\Phi_{8}^3\,\Phi_{4}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142523	1821	2548	$\frac{1}{91}$	$\frac{90}{637}$	$\frac{727}{2548}$	$\frac{547}{1274}$	$\Phi_{2548}\,\Phi_{637}\,\Phi_{364}\,\Phi_{196}\,\Phi_{52}\,\Phi_{49}\,\Phi_{28}\,\Phi_{4}\,\Phi_{1}$
142524	1821	1850	$\frac{29}{1850}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1850}\,\Phi_{925}\,\Phi_{370}\,\Phi_{185}\,\Phi_{74}\,\Phi_{37}\,\Phi_{25}\,\Phi_{1}$
142525	1821	672	$\frac{1}{28}$	$\frac{65}{672}$	$\frac{9}{56}$	$\frac{47}{112}$	$\Phi_{672}^3\,\Phi_{336}^3\,\Phi_{224}^3\,\Phi_{168}^3\,\Phi_{96}^3\,\Phi_{84}^3\,\Phi_{56}^3\,\Phi_{48}^3\,\Phi_{42}^3\,\Phi_{32}^3\,\Phi_{28}^2\,\Phi_{24}^3\,\Phi_{21}^3\,\Phi_{14}^2\,\Phi_{12}^3\,\Phi_{8}^3\,\Phi_{7}^2\,\Phi_{6}^3\,\Phi_{4}^2\,\Phi_{3}^3\,\Phi_{2}^2\,\Phi_{1}^3$
142526	1821	1040	$\frac{1}{130}$	$\frac{87}{520}$	$\frac{43}{130}$	$\frac{433}{1040}$	$\Phi_{1040}^3\,\Phi_{208}^3\,\Phi_{130}^2\,\Phi_{80}^3\,\Phi_{65}^2\,\Phi_{26}^2\,\Phi_{16}^3\,\Phi_{13}^2\,\Phi_{10}^2\,\Phi_{5}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142527	1821	1040	$\frac{1}{52}$	$\frac{17}{104}$	$\frac{87}{520}$	$\frac{433}{1040}$	$\Phi_{1040}^3\,\Phi_{208}^3\,\Phi_{104}^3\,\Phi_{80}^3\,\Phi_{52}^2\,\Phi_{26}^2\,\Phi_{16}^3\,\Phi_{13}^2\,\Phi_{8}^3\,\Phi_{4}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142528	1821	3080	$\frac{1}{28}$	$\frac{27}{308}$	$\frac{281}{1540}$	$\frac{1259}{3080}$	$\Phi_{3080}\,\Phi_{616}\,\Phi_{440}\,\Phi_{308}\,\Phi_{280}\,\Phi_{154}\,\Phi_{88}\,\Phi_{77}\,\Phi_{56}\,\Phi_{44}\,\Phi_{40}\,\Phi_{22}\,\Phi_{11}\,\Phi_{8}\,\Phi_{1}$
142529	1821	3040	$\frac{3}{304}$	$\frac{301}{1520}$	$\frac{1}{4}$	$\frac{1219}{3040}$	$\Phi_{3040}\,\Phi_{608}\,\Phi_{304}\,\Phi_{160}\,\Phi_{152}\,\Phi_{76}\,\Phi_{38}\,\Phi_{32}\,\Phi_{19}\,\Phi_{16}\,\Phi_{8}\,\Phi_{1}$
142530	1821	2600	$\frac{1}{130}$	$\frac{129}{650}$	$\frac{779}{2600}$	$\frac{521}{1300}$	$\Phi_{2600}\,\Phi_{650}\,\Phi_{520}\,\Phi_{325}\,\Phi_{200}\,\Phi_{104}\,\Phi_{50}\,\Phi_{40}\,\Phi_{25}\,\Phi_{8}\,\Phi_{1}$
142531	1821	640	$\frac{1}{20}$	$\frac{33}{640}$	$\frac{19}{80}$	$\frac{61}{160}$	$\Phi_{640}^3\,\Phi_{320}^3\,\Phi_{160}^2\,\Phi_{128}^3\,\Phi_{80}^3\,\Phi_{64}^3\,\Phi_{40}^3\,\Phi_{32}^2\,\Phi_{20}^2\,\Phi_{16}^3\,\Phi_{10}^2\,\Phi_{8}^3\,\Phi_{5}^2\,\Phi_{4}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142532	1821	2080	$\frac{1}{52}$	$\frac{259}{2080}$	$\frac{51}{208}$	$\frac{157}{416}$	$\Phi_{2080}\,\Phi_{1040}\,\Phi_{520}\,\Phi_{260}\,\Phi_{208}\,\Phi_{160}\,\Phi_{130}\,\Phi_{104}\,\Phi_{80}\,\Phi_{65}\,\Phi_{40}\,\Phi_{20}\,\Phi_{16}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{1}$
142533	1821	2920	$\frac{4}{365}$	$\frac{1}{5}$	$\frac{361}{1460}$	$\frac{1099}{2920}$	$\Phi_{2920}\,\Phi_{584}\,\Phi_{365}\,\Phi_{73}\,\Phi_{40}\,\Phi_{8}\,\Phi_{1}$
142534	1821	616	$\frac{9}{616}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{616}^3\,\Phi_{308}^3\,\Phi_{154}^3\,\Phi_{88}^3\,\Phi_{77}^3\,\Phi_{56}^3\,\Phi_{44}^3\,\Phi_{28}^3\,\Phi_{22}^3\,\Phi_{11}^3\,\Phi_{8}^3\,\Phi_{7}^2\,\Phi_{4}^3\,\Phi_{1}^3$
142535	1821	936	$\frac{1}{52}$	$\frac{17}{156}$	$\frac{139}{468}$	$\frac{329}{936}$	$\Phi_{936}^3\,\Phi_{312}^3\,\Phi_{156}^3\,\Phi_{104}^3\,\Phi_{78}^3\,\Phi_{72}^3\,\Phi_{52}^2\,\Phi_{39}^3\,\Phi_{26}^2\,\Phi_{24}^3\,\Phi_{13}^2\,\Phi_{12}^3\,\Phi_{8}^3\,\Phi_{6}^3\,\Phi_{4}^2\,\Phi_{3}^3\,\Phi_{2}^2\,\Phi_{1}^3$
142536	1821	620	$\frac{13}{620}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{620}^3\,\Phi_{310}^3\,\Phi_{155}^3\,\Phi_{124}^3\,\Phi_{62}^3\,\Phi_{31}^3\,\Phi_{10}^2\,\Phi_{5}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142537	1821	624	$\frac{17}{624}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{624}^3\,\Phi_{312}^3\,\Phi_{208}^3\,\Phi_{156}^3\,\Phi_{104}^3\,\Phi_{78}^3\,\Phi_{52}^3\,\Phi_{48}^3\,\Phi_{39}^3\,\Phi_{24}^3\,\Phi_{16}^3\,\Phi_{13}^2\,\Phi_{12}^3\,\Phi_{8}^3\,\Phi_{6}^3\,\Phi_{4}^3\,\Phi_{3}^3\,\Phi_{1}^3$
142538	1821	637	$\frac{4}{91}$	$\frac{30}{637}$	$\frac{29}{91}$	$\frac{31}{91}$	$\Phi_{637}^3\,\Phi_{91}^2\,\Phi_{49}^3\,\Phi_{13}^2\,\Phi_{7}^2\,\Phi_{1}^3$
142539	1821	920	$\frac{19}{460}$	$\frac{1}{20}$	$\frac{147}{460}$	$\frac{313}{920}$	$\Phi_{920}^3\,\Phi_{460}\,\Phi_{230}\,\Phi_{184}^3\,\Phi_{115}\,\Phi_{92}\,\Phi_{46}\,\Phi_{40}^3\,\Phi_{23}\,\Phi_{8}^3\,\Phi_{1}$
142540	1821	700	$\frac{1}{70}$	$\frac{93}{700}$	$\frac{23}{70}$	$\frac{47}{140}$	$\Phi_{700}^3\,\Phi_{350}^3\,\Phi_{175}^3\,\Phi_{100}^3\,\Phi_{70}^2\,\Phi_{50}^3\,\Phi_{35}^2\,\Phi_{25}^3\,\Phi_{14}^2\,\Phi_{10}^2\,\Phi_{7}^2\,\Phi_{5}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142541	1821	728	$\frac{1}{91}$	$\frac{121}{728}$	$\frac{30}{91}$	$\frac{61}{182}$	$\Phi_{728}^3\,\Phi_{364}^3\,\Phi_{104}^3\,\Phi_{91}^2\,\Phi_{56}^3\,\Phi_{52}^3\,\Phi_{28}^3\,\Phi_{13}^2\,\Phi_{8}^3\,\Phi_{7}^2\,\Phi_{4}^3\,\Phi_{1}^3$
142542	1821	780	$\frac{1}{130}$	$\frac{173}{780}$	$\frac{43}{130}$	$\frac{87}{260}$	$\Phi_{780}^3\,\Phi_{390}^3\,\Phi_{195}^3\,\Phi_{156}^3\,\Phi_{130}^2\,\Phi_{78}^3\,\Phi_{65}^2\,\Phi_{60}^3\,\Phi_{39}^3\,\Phi_{30}^3\,\Phi_{26}^2\,\Phi_{15}^3\,\Phi_{13}^2\,\Phi_{12}^3\,\Phi_{10}^2\,\Phi_{6}^3\,\Phi_{5}^2\,\Phi_{3}^3\,\Phi_{2}^2\,\Phi_{1}^3$
142543	1821	912	$\frac{1}{152}$	$\frac{1}{4}$	$\frac{151}{456}$	$\frac{305}{912}$	$\Phi_{912}^3\,\Phi_{304}^3\,\Phi_{152}^3\,\Phi_{76}^3\,\Phi_{48}^3\,\Phi_{38}^3\,\Phi_{19}^3\,\Phi_{16}^3\,\Phi_{8}^3\,\Phi_{4}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142544	1821	819	$\frac{1}{91}$	$\frac{61}{273}$	$\frac{212}{819}$	$\frac{30}{91}$	$\Phi_{819}^3\,\Phi_{117}^3\,\Phi_{91}^2\,\Phi_{63}^3\,\Phi_{13}^2\,\Phi_{9}^3\,\Phi_{7}^2\,\Phi_{1}^3$
142545	1821	840	$\frac{1}{70}$	$\frac{47}{280}$	$\frac{233}{840}$	$\frac{23}{70}$	$\Phi_{840}^3\,\Phi_{420}^3\,\Phi_{210}^3\,\Phi_{168}^3\,\Phi_{120}^3\,\Phi_{105}^3\,\Phi_{84}^3\,\Phi_{70}^2\,\Phi_{60}^3\,\Phi_{42}^3\,\Phi_{35}^2\,\Phi_{30}^3\,\Phi_{24}^3\,\Phi_{21}^3\,\Phi_{15}^3\,\Phi_{14}^2\,\Phi_{12}^3\,\Phi_{10}^2\,\Phi_{7}^2\,\Phi_{6}^3\,\Phi_{5}^2\,\Phi_{3}^3\,\Phi_{2}^2\,\Phi_{1}^3$
142546	1821	903	$\frac{5}{301}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{296}{903}$	$\Phi_{903}^3\,\Phi_{129}^3\,\Phi_{21}^3\,\Phi_{7}^2\,\Phi_{3}^3\,\Phi_{1}^3$
142547	1821	900	$\frac{7}{300}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{293}{900}$	$\Phi_{900}^3\,\Phi_{450}^3\,\Phi_{225}^3\,\Phi_{180}^3\,\Phi_{90}^3\,\Phi_{45}^3\,\Phi_{36}^3\,\Phi_{18}^3\,\Phi_{10}^2\,\Phi_{9}^3\,\Phi_{5}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142548	1821	900	$\frac{7}{300}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{293}{900}$	$\Phi_{900}^3\,\Phi_{450}^3\,\Phi_{225}^3\,\Phi_{180}^3\,\Phi_{90}^3\,\Phi_{45}^3\,\Phi_{36}^3\,\Phi_{25}\,\Phi_{18}^3\,\Phi_{9}^3\,\Phi_{1}$
142549	1821	684	$\frac{1}{38}$	$\frac{77}{684}$	$\frac{1}{4}$	$\frac{37}{114}$	$\Phi_{684}^3\,\Phi_{342}^3\,\Phi_{228}\,\Phi_{171}^3\,\Phi_{114}^2\,\Phi_{76}^3\,\Phi_{57}^2\,\Phi_{38}^3\,\Phi_{36}^3\,\Phi_{19}^3\,\Phi_{18}^3\,\Phi_{12}\,\Phi_{9}^3\,\Phi_{6}^2\,\Phi_{4}^2\,\Phi_{3}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142550	1821	897	$\frac{9}{299}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{290}{897}$	$\Phi_{897}^3\,\Phi_{69}^3\,\Phi_{39}^3\,\Phi_{13}^2\,\Phi_{3}^3\,\Phi_{1}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
142551	1821	672	$\frac{1}{32}$	$\frac{65}{672}$	$\frac{1}{4}$	$\frac{31}{96}$	$\Phi_{672}^3\,\Phi_{336}^3\,\Phi_{224}^3\,\Phi_{168}^3\,\Phi_{112}^3\,\Phi_{84}^3\,\Phi_{56}^3\,\Phi_{42}^3\,\Phi_{32}^3\,\Phi_{28}^3\,\Phi_{21}^3\,\Phi_{16}^3\,\Phi_{14}^3\,\Phi_{8}^3\,\Phi_{7}^3\,\Phi_{4}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142552	1821	896	$\frac{29}{896}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{289}{896}$	$\Phi_{896}^2\,\Phi_{448}^2\,\Phi_{224}^2\,\Phi_{128}^2\,\Phi_{112}^2\,\Phi_{64}^2\,\Phi_{56}^2\,\Phi_{32}^3\,\Phi_{28}^2\,\Phi_{16}^3\,\Phi_{14}^2\,\Phi_{8}^3\,\Phi_{7}^2\,\Phi_{4}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142553	1821	672	$\frac{1}{28}$	$\frac{65}{672}$	$\frac{19}{84}$	$\frac{9}{28}$	$\Phi_{672}^3\,\Phi_{336}^3\,\Phi_{224}^3\,\Phi_{168}^3\,\Phi_{112}^3\,\Phi_{96}^3\,\Phi_{56}^3\,\Phi_{48}^3\,\Phi_{32}^3\,\Phi_{28}^2\,\Phi_{24}^3\,\Phi_{16}^3\,\Phi_{14}^2\,\Phi_{8}^3\,\Phi_{7}^2\,\Phi_{4}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142554	1821	784	$\frac{1}{28}$	$\frac{19}{196}$	$\frac{177}{784}$	$\frac{9}{28}$	$\Phi_{784}^3\,\Phi_{392}^3\,\Phi_{112}^3\,\Phi_{56}^3\,\Phi_{28}^2\,\Phi_{16}^3\,\Phi_{14}^2\,\Phi_{8}^3\,\Phi_{7}^2\,\Phi_{4}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142555	1821	882	$\frac{19}{294}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{275}{882}$	$\Phi_{882}^3\,\Phi_{441}^3\,\Phi_{126}^3\,\Phi_{63}^3\,\Phi_{21}^3\,\Phi_{18}^3\,\Phi_{9}^3\,\Phi_{7}^2\,\Phi_{3}^3\,\Phi_{1}^3$
142556	1821	880	$\frac{1}{20}$	$\frac{61}{880}$	$\frac{19}{80}$	$\frac{273}{880}$	$\Phi_{880}^2\,\Phi_{440}^2\,\Phi_{220}^2\,\Phi_{176}^2\,\Phi_{110}^2\,\Phi_{88}^2\,\Phi_{80}^3\,\Phi_{55}^2\,\Phi_{44}^2\,\Phi_{40}^3\,\Phi_{22}^2\,\Phi_{20}^2\,\Phi_{16}^3\,\Phi_{11}^2\,\Phi_{10}^2\,\Phi_{8}^3\,\Phi_{5}^2\,\Phi_{4}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142557	1821	800	$\frac{7}{200}$	$\frac{1}{10}$	$\frac{193}{800}$	$\frac{3}{10}$	$\Phi_{800}^3\,\Phi_{400}^3\,\Phi_{160}^3\,\Phi_{80}^3\,\Phi_{32}^3\,\Phi_{16}^3\,\Phi_{10}^2\,\Phi_{5}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142558	1821	630	$\frac{23}{630}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{630}^3\,\Phi_{315}^3\,\Phi_{210}^3\,\Phi_{126}^3\,\Phi_{105}^3\,\Phi_{90}^3\,\Phi_{70}^3\,\Phi_{63}^3\,\Phi_{45}^3\,\Phi_{42}^3\,\Phi_{35}^3\,\Phi_{21}^3\,\Phi_{18}^3\,\Phi_{14}^3\,\Phi_{10}^2\,\Phi_{9}^3\,\Phi_{7}^3\,\Phi_{5}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142559	1821	750	$\frac{7}{150}$	$\frac{1}{10}$	$\frac{143}{750}$	$\frac{3}{10}$	$\Phi_{750}^3\,\Phi_{375}^3\,\Phi_{250}^3\,\Phi_{125}^3\,\Phi_{10}^2\,\Phi_{5}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142560	1821	640	$\frac{33}{640}$	$\frac{1}{10}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{640}^3\,\Phi_{320}^3\,\Phi_{160}^3\,\Phi_{128}^3\,\Phi_{80}^3\,\Phi_{64}^3\,\Phi_{32}^3\,\Phi_{16}^3\,\Phi_{10}^2\,\Phi_{5}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142561	1821	720	$\frac{7}{120}$	$\frac{1}{10}$	$\frac{113}{720}$	$\frac{3}{10}$	$\Phi_{720}^3\,\Phi_{360}^3\,\Phi_{240}^3\,\Phi_{180}^3\,\Phi_{144}^3\,\Phi_{90}^3\,\Phi_{80}^3\,\Phi_{72}^3\,\Phi_{48}^3\,\Phi_{45}^3\,\Phi_{36}^3\,\Phi_{18}^3\,\Phi_{16}^3\,\Phi_{10}^2\,\Phi_{9}^3\,\Phi_{5}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142562	1821	650	$\frac{43}{650}$	$\frac{1}{10}$	$\frac{7}{50}$	$\frac{3}{10}$	$\Phi_{650}^3\,\Phi_{325}^3\,\Phi_{130}^3\,\Phi_{65}^3\,\Phi_{26}^3\,\Phi_{13}^3\,\Phi_{10}^2\,\Phi_{5}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142563	1821	700	$\frac{7}{100}$	$\frac{1}{10}$	$\frac{93}{700}$	$\frac{3}{10}$	$\Phi_{700}^3\,\Phi_{350}^3\,\Phi_{175}^3\,\Phi_{140}^3\,\Phi_{70}^3\,\Phi_{35}^3\,\Phi_{28}^3\,\Phi_{14}^3\,\Phi_{10}^2\,\Phi_{7}^3\,\Phi_{5}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142564	1821	660	$\frac{53}{660}$	$\frac{1}{10}$	$\frac{7}{60}$	$\frac{3}{10}$	$\Phi_{660}^3\,\Phi_{330}^3\,\Phi_{220}^3\,\Phi_{165}^3\,\Phi_{132}^3\,\Phi_{110}^3\,\Phi_{66}^3\,\Phi_{55}^3\,\Phi_{44}^3\,\Phi_{33}^3\,\Phi_{22}^3\,\Phi_{11}^3\,\Phi_{10}^2\,\Phi_{5}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142565	1821	864	$\frac{1}{32}$	$\frac{31}{288}$	$\frac{1}{4}$	$\frac{257}{864}$	$\Phi_{864}^3\,\Phi_{432}^3\,\Phi_{216}^3\,\Phi_{108}^3\,\Phi_{54}^3\,\Phi_{32}^3\,\Phi_{27}^3\,\Phi_{16}^3\,\Phi_{8}^3\,\Phi_{4}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142566	1821	624	$\frac{17}{624}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{624}^3\,\Phi_{312}^3\,\Phi_{208}^3\,\Phi_{156}^3\,\Phi_{104}^3\,\Phi_{78}^3\,\Phi_{52}^3\,\Phi_{48}^3\,\Phi_{39}^3\,\Phi_{26}^3\,\Phi_{16}^3\,\Phi_{13}^3\,\Phi_{8}^3\,\Phi_{4}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142567	1821	625	$\frac{18}{625}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{625}^3\,\Phi_{125}^3\,\Phi_{25}\,\Phi_{1}$
142568	1821	840	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{47}{280}$	$\frac{233}{840}$	$\Phi_{840}^3\,\Phi_{420}^3\,\Phi_{210}^3\,\Phi_{168}^3\,\Phi_{120}^3\,\Phi_{105}^3\,\Phi_{84}^3\,\Phi_{60}^3\,\Phi_{56}^3\,\Phi_{42}^3\,\Phi_{30}^3\,\Phi_{28}^2\,\Phi_{24}^3\,\Phi_{21}^3\,\Phi_{15}^3\,\Phi_{14}^2\,\Phi_{12}^3\,\Phi_{8}^3\,\Phi_{7}^2\,\Phi_{6}^3\,\Phi_{4}^2\,\Phi_{3}^3\,\Phi_{2}^2\,\Phi_{1}^3$
142569	1821	832	$\frac{1}{52}$	$\frac{157}{832}$	$\frac{51}{208}$	$\frac{225}{832}$	$\Phi_{832}^2\,\Phi_{416}^2\,\Phi_{208}^3\,\Phi_{104}^3\,\Phi_{64}^2\,\Phi_{52}^2\,\Phi_{32}^2\,\Phi_{26}^2\,\Phi_{16}^3\,\Phi_{13}^2\,\Phi_{8}^3\,\Phi_{4}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142570	1821	812	$\frac{6}{203}$	$\frac{1}{7}$	$\frac{197}{812}$	$\frac{205}{812}$	$\Phi_{812}^2\,\Phi_{406}^2\,\Phi_{203}^3\,\Phi_{116}^2\,\Phi_{58}^2\,\Phi_{29}^3\,\Phi_{28}^2\,\Phi_{14}^2\,\Phi_{7}^2\,\Phi_{4}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142571	1821	800	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{193}{800}$	$\frac{1}{4}$	$\Phi_{800}^3\,\Phi_{400}^3\,\Phi_{160}^3\,\Phi_{80}^3\,\Phi_{32}^3\,\Phi_{16}^3\,\Phi_{8}^3\,\Phi_{4}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142572	1821	640	$\frac{33}{640}$	$\frac{3}{32}$	$\frac{29}{128}$	$\frac{1}{4}$	$\Phi_{640}^3\,\Phi_{320}^3\,\Phi_{160}^3\,\Phi_{128}^2\,\Phi_{80}^3\,\Phi_{64}^2\,\Phi_{40}^3\,\Phi_{32}^3\,\Phi_{20}^3\,\Phi_{16}^3\,\Phi_{10}^3\,\Phi_{8}^3\,\Phi_{5}^3\,\Phi_{4}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142573	1821	768	$\frac{1}{32}$	$\frac{31}{192}$	$\frac{161}{768}$	$\frac{1}{4}$	$\Phi_{768}^3\,\Phi_{384}^3\,\Phi_{256}^3\,\Phi_{128}^3\,\Phi_{32}^3\,\Phi_{16}^3\,\Phi_{8}^3\,\Phi_{4}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142574	1821	760	$\frac{1}{38}$	$\frac{37}{190}$	$\frac{153}{760}$	$\frac{1}{4}$	$\Phi_{760}^3\,\Phi_{380}\,\Phi_{190}^2\,\Phi_{152}^3\,\Phi_{95}^2\,\Phi_{76}^3\,\Phi_{40}^3\,\Phi_{38}^3\,\Phi_{20}\,\Phi_{19}^3\,\Phi_{10}^2\,\Phi_{8}^3\,\Phi_{5}^2\,\Phi_{4}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142575	1821	2240	$\frac{29}{448}$	$\frac{3}{32}$	$\frac{419}{2240}$	$\frac{1}{4}$	$\Phi_{2240}\,\Phi_{1120}\,\Phi_{560}\,\Phi_{320}\,\Phi_{280}\,\Phi_{160}\,\Phi_{140}\,\Phi_{80}\,\Phi_{70}\,\Phi_{40}\,\Phi_{35}\,\Phi_{32}\,\Phi_{20}\,\Phi_{16}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{1}$
142576	1821	640	$\frac{33}{640}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{640}^3\,\Phi_{320}^3\,\Phi_{160}^3\,\Phi_{128}^3\,\Phi_{80}^3\,\Phi_{64}^3\,\Phi_{32}^3\,\Phi_{16}^3\,\Phi_{8}^3\,\Phi_{4}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142577	1821	720	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{113}{720}$	$\frac{1}{4}$	$\Phi_{720}^3\,\Phi_{360}^3\,\Phi_{240}^3\,\Phi_{180}^3\,\Phi_{144}^3\,\Phi_{90}^3\,\Phi_{80}^3\,\Phi_{72}^3\,\Phi_{48}^3\,\Phi_{45}^3\,\Phi_{36}^3\,\Phi_{18}^3\,\Phi_{16}^3\,\Phi_{9}^3\,\Phi_{8}^3\,\Phi_{4}^2\,\Phi_{2}^2\,\Phi_{1}^3$
142578	1821	672	$\frac{3}{32}$	$\frac{65}{672}$	$\frac{29}{224}$	$\frac{1}{4}$	$\Phi_{672}^3\,\Phi_{336}^3\,\Phi_{224}^2\,\Phi_{168}^3\,\Phi_{112}^2\,\Phi_{96}^3\,\Phi_{84}^3\,\Phi_{56}^2\,\Phi_{48}^3\,\Phi_{42}^3\,\Phi_{32}^3\,\Phi_{28}^2\,\Phi_{24}^3\,\Phi_{21}^3\,\Phi_{16}^3\,\Phi_{14}^2\,\Phi_{12}^3\,\Phi_{8}^3\,\Phi_{7}^2\,\Phi_{6}^3\,\Phi_{4}^2\,\Phi_{3}^3\,\Phi_{2}^2\,\Phi_{1}^3$
142579	1821	2048	$\frac{3}{32}$	$\frac{227}{2048}$	$\frac{29}{256}$	$\frac{1}{4}$	$\Phi_{2048}\,\Phi_{1024}\,\Phi_{512}\,\Phi_{32}\,\Phi_{16}\,\Phi_{8}\,\Phi_{1}$
142580	1821	800	$\frac{7}{200}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{193}{800}$	$\Phi_{800}^3\,\Phi_{400}^3\,\Phi_{160}^3\,\Phi_{80}^3\,\Phi_{32}^3\,\Phi_{25}\,\Phi_{16}^3\,\Phi_{1}$
142581	1821	672	$\frac{2}{21}$	$\frac{65}{672}$	$\frac{1}{7}$	$\frac{19}{84}$	$\Phi_{672}^3\,\Phi_{336}^3\,\Phi_{224}^3\,\Phi_{168}^3\,\Phi_{112}^3\,\Phi_{96}^3\,\Phi_{56}^3\,\Phi_{48}^3\,\Phi_{32}^3\,\Phi_{24}^3\,\Phi_{21}^3\,\Phi_{16}^3\,\Phi_{8}^3\,\Phi_{7}^2\,\Phi_{3}^3\,\Phi_{1}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
142582	1821	1900	$\frac{79}{1900}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{475}\ \Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}\ \Phi_{25}\ \Phi_{19}\ \Phi_1$
142583	1821	750	$\frac{7}{150}$	$\frac{4}{25}$	$\frac{143}{750}$	$\frac{1}{5}$	$\Phi_{750}^3\ \Phi_{375}^3\ \Phi_{250}^3\ \Phi_{125}^3\ \Phi_{25}\ \Phi_1$
142584	1821	650	$\frac{43}{650}$	$\frac{7}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{650}^3\ \Phi_{325}^3\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{26}^3\ \Phi_{25}\ \Phi_{13}^3\ \Phi_1$
142585	1821	700	$\frac{7}{100}$	$\frac{93}{700}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{700}^3\ \Phi_{350}^3\ \Phi_{175}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{25}\ \Phi_{14}^3\ \Phi_7^3\ \Phi_1$
142586	1821	2000	$\frac{179}{2000}$	$\frac{21}{200}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{125}\ \Phi_{80}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
142587	1821	675	$\frac{7}{75}$	$\frac{68}{675}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{675}^3\ \Phi_{225}^3\ \Phi_{135}^3\ \Phi_{45}^3\ \Phi_{27}^3\ \Phi_{25}\ \Phi_9^3\ \Phi_1$
142588	1821	735	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{1}{7}$	$\frac{128}{735}$	$\Phi_{735}^3\ \Phi_{245}^3\ \Phi_{105}^3\ \Phi_{35}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_3^3\ \Phi_1^3$
142589	1822	1818	$\frac{2}{909}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{907}{1818}$	$\Phi_{1818}^2\ \Phi_{606}^2\ \Phi_{202}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
142590	1822	3648	$\frac{1}{304}$	$\frac{305}{1216}$	$\frac{1}{3}$	$\frac{303}{608}$	$\Phi_{3648}\ \Phi_{912}\ \Phi_{456}\ \Phi_{228}\ \Phi_{192}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
142591	1822	5448	$\frac{3}{908}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{905}{1816}$	$\Phi_{5448}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
142592	1822	1812	$\frac{5}{906}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{901}{1812}$	$\Phi_{1812}^2\ \Phi_{604}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
142593	1822	5424	$\frac{7}{904}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{897}{1808}$	$\Phi_{5424}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
142594	1822	1800	$\frac{11}{900}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{889}{1800}$	$\Phi_{1800}^2\ \Phi_{600}^2\ \Phi_{360}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
142595	1822	5376	$\frac{15}{896}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{881}{1792}$	$\Phi_{5376}\ \Phi_{768}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
142596	1822	5358	$\frac{18}{893}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{875}{1786}$	$\Phi_{5358}\ \Phi_{282}\ \Phi_{114}\ \Phi_{57}\ \Phi_6$
142597	1822	960	$\frac{1}{48}$	$\frac{49}{960}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
142598	1822	1776	$\frac{23}{888}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{865}{1776}$	$\Phi_{1776}^2\ \Phi_{592}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
142599	1822	1767	$\frac{55}{1767}$	$\frac{2}{57}$	$\frac{1}{3}$	$\frac{856}{1767}$	$\Phi_{1767}\ \Phi_{589}\ \Phi_{93}\ \Phi_{57}^2\ \Phi_{31}\ \Phi_{19}^2\ \Phi_3\ \Phi_1^2$
142600	1822	5244	$\frac{1}{38}$	$\frac{37}{874}$	$\frac{1}{3}$	$\frac{837}{1748}$	$\Phi_{5244}\ \Phi_{276}\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{12}\ \Phi_6$
142601	1822	1728	$\frac{1}{48}$	$\frac{47}{864}$	$\frac{1}{3}$	$\frac{817}{1728}$	$\Phi_{1728}^2\ \Phi_{576}^2\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
142602	1822	2784	$\frac{17}{928}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{2784}\ \Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
142603	1822	1710	$\frac{1}{57}$	$\frac{56}{855}$	$\frac{1}{3}$	$\frac{799}{1710}$	$\Phi_{1710}^2\ \Phi_{570}^2\ \Phi_{342}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{90}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{19}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
142604	1822	5016	$\frac{1}{76}$	$\frac{75}{836}$	$\frac{1}{3}$	$\frac{761}{1672}$	$\Phi_{5016}\ \Phi_{456}\ \Phi_{264}\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
142605	1822	1596	$\frac{1}{114}$	$\frac{113}{798}$	$\frac{1}{3}$	$\frac{685}{1596}$	$\Phi_{1596}^2\ \Phi_{532}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{84}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{28}^2\ \Phi_{19}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
142606	1822	4560	$\frac{1}{152}$	$\frac{151}{760}$	$\frac{1}{3}$	$\frac{609}{1520}$	$\Phi_{4560}\ \Phi_{912}\ \Phi_{456}\ \Phi_{240}\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
142607	1822	1368	$\frac{1}{228}$	$\frac{227}{684}$	$\frac{1}{3}$	$\frac{457}{1368}$	$\Phi_{1368}^2\ \Phi_{456}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{72}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{24}^2\ \Phi_{19}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
142608	1822	1212	$\frac{2}{303}$	$\frac{301}{1212}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1212}^2\ \Phi_{606}^2\ \Phi_{404}^2\ \Phi_{202}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
142609	1822	918	$\frac{7}{918}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{54}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{17}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
142610	1822	1026	$\frac{1}{57}$	$\frac{115}{1026}$	$\frac{56}{171}$	$\frac{1}{3}$	$\Phi_{1026}^2\ \Phi_{513}^2\ \Phi_{342}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{54}^2\ \Phi_{38}^2\ \Phi_{27}^2\ \Phi_{19}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
142611	1822	1008	$\frac{1}{48}$	$\frac{97}{1008}$	$\frac{47}{144}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
142612	1822	1344	$\frac{15}{448}$	$\frac{1}{16}$	$\frac{433}{1344}$	$\frac{1}{3}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}^2\ \Phi_{336}\ \Phi_{224}^2\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
142613	1822	936	$\frac{25}{936}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
142614	1822	1296	$\frac{1}{48}$	$\frac{47}{432}$	$\frac{385}{1296}$	$\frac{1}{3}$	$\Phi_{1296}^2\ \Phi_{648}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
142615	1822	1200	$\frac{11}{300}$	$\frac{1}{12}$	$\frac{289}{1200}$	$\frac{1}{3}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
142616	1822	960	$\frac{49}{960}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
142617	1822	1152	$\frac{1}{48}$	$\frac{47}{288}$	$\frac{241}{1152}$	$\frac{1}{3}$	$\Phi_{1152}^2\ \Phi_{576}^2\ \Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
142618	1822	1140	$\frac{1}{57}$	$\frac{56}{285}$	$\frac{229}{1140}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{228}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{60}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{19}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
142619	1822	3360	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{209}{1120}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{480}\ \Phi_{420}\ \Phi_{240}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
142620	1822	960	$\frac{49}{960}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
142621	1822	1080	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{169}{1080}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{40}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
142622	1822	1008	$\frac{1}{16}$	$\frac{97}{1008}$	$\frac{15}{112}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
142623	1822	3072	$\frac{1}{16}$	$\frac{113}{1024}$	$\frac{15}{128}$	$\frac{1}{3}$	$\Phi_{3072}\ \Phi_{1536}\ \Phi_{768}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
142624	1824	1365	$\frac{1}{455}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{227}{455}$	$\Phi_{1365}\ \Phi_{455}^2\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}^2\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{13}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
142625	1824	1823	$\frac{5}{1823}$	$\frac{457}{1823}$	$\frac{683}{1823}$	$\frac{909}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142626	1824	2739	$\frac{3}{913}$	$\frac{229}{913}$	$\frac{1}{3}$	$\frac{455}{913}$	$\Phi_{2739}\ \Phi_{249}\ \Phi_{33}$
142627	1824	1515	$\frac{1}{303}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{151}{303}$	$\Phi_{1515}\ \Phi_{505}\ \Phi_{303}^2\ \Phi_{101}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
142628	1824	1212	$\frac{1}{303}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{151}{303}$	$\Phi_{1212}^2\ \Phi_{606}^2\ \Phi_{404}^2\ \Phi_{202}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
142629	1824	1823	$\frac{7}{1823}$	$\frac{305}{1823}$	$\frac{759}{1823}$	$\frac{908}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142630	1824	1589	$\frac{1}{227}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{113}{227}$	$\Phi_{1589}\ \Phi_{227}^2\ \Phi_7^2\ \Phi_1^4$
142631	1824	3405	$\frac{1}{227}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{113}{227}$	$\Phi_{3405}\ \Phi_{15}^2$
142632	1824	812	$\frac{1}{203}$	$\frac{1}{4}$	$\frac{51}{203}$	$\frac{101}{203}$	$\Phi_{812}^3\ \Phi_{406}^3\ \Phi_{116}^3\ \Phi_{58}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_4^2\ \Phi_2^2$
142633	1824	1823	$\frac{9}{1823}$	$\frac{229}{1823}$	$\frac{797}{1823}$	$\frac{907}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142634	1824	1823	$\frac{9}{1823}$	$\frac{455}{1823}$	$\frac{458}{1823}$	$\frac{907}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142635	1824	2739	$\frac{5}{913}$	$\frac{153}{913}$	$\frac{1}{3}$	$\frac{454}{913}$	$\Phi_{2739}\ \Phi_{249}\ \Phi_{33}$
142636	1824	2285	$\frac{3}{457}$	$\frac{1}{5}$	$\frac{115}{457}$	$\frac{227}{457}$	Φ_{2285}
142637	1824	1661	$\frac{1}{151}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{75}{151}$	$\Phi_{1661}\ \Phi_{151}^2\ \Phi_{11}^2\ \Phi_1^4$
142638	1824	3171	$\frac{1}{151}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{75}{151}$	$\Phi_{3171}\ \Phi_{21}^2$
142639	1824	1661	$\frac{1}{151}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{75}{151}$	$\Phi_{1661}\ \Phi_{151}^2\ \Phi_{11}^2\ \Phi_1^4$
142640	1824	3020	$\frac{1}{151}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{75}{151}$	$\Phi_{3020}\ \Phi_{1510}\ \Phi_{20}^2\ \Phi_{10}^2$
142641	1824	1823	$\frac{13}{1823}$	$\frac{153}{1823}$	$\frac{835}{1823}$	$\frac{905}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142642	1824	1823	$\frac{13}{1823}$	$\frac{341}{1823}$	$\frac{459}{1823}$	$\frac{905}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142643	1824	2739	$\frac{7}{913}$	$\frac{115}{913}$	$\frac{1}{3}$	$\frac{453}{913}$	$\Phi_{2739}\ \Phi_{249}\ \Phi_{33}$
142644	1824	1695	$\frac{1}{113}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{56}{113}$	$\Phi_{1695}\ \Phi_{565}\ \Phi_{339}\ \Phi_{113}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
142645	1824	1017	$\frac{1}{113}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{56}{113}$	$\Phi_{1017}^2\ \Phi_{339}\ \Phi_{113}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
142646	1824	565	$\frac{1}{113}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{56}{113}$	$\Phi_{565}^3\ \Phi_{113}^4\ \Phi_5^6\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
142647	1824	1823	$\frac{17}{1823}$	$\frac{115}{1823}$	$\frac{854}{1823}$	$\frac{903}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142648	1824	1823	$\frac{17}{1823}$	$\frac{230}{1823}$	$\frac{531}{1823}$	$\frac{903}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142649	1824	2135	$\frac{3}{305}$	$\frac{1}{7}$	$\frac{77}{305}$	$\frac{151}{305}$	$\Phi_{2135}\ \Phi_{427}\ \Phi_{35}$
142650	1824	1204	$\frac{3}{301}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{149}{301}$	$\Phi_{1204}^2\ \Phi_{602}^2\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_4^2\ \Phi_2^2$
142651	1824	1823	$\frac{19}{1823}$	$\frac{307}{1823}$	$\frac{379}{1823}$	$\frac{902}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142652	1824	3420	$\frac{1}{95}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{47}{95}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{228}\ \Phi_{180}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{19}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
142653	1824	1995	$\frac{1}{95}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{47}{95}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{133}\ \Phi_{105}\ \Phi_{95}\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{19}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
142654	1824	2565	$\frac{1}{95}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{47}{95}$	$\Phi_{2565}\ \Phi_{513}\ \Phi_{135}\ \Phi_{95}\ \Phi_{27}^2\ \Phi_{19}\ \Phi_5\ \Phi_1^2$
142655	1824	2280	$\frac{1}{95}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{47}{95}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{456}\ \Phi_{380}\ \Phi_{228}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{19}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
142656	1824	2285	$\frac{5}{457}$	$\frac{77}{457}$	$\frac{1}{5}$	$\frac{226}{457}$	Φ_{2285}
142657	1824	1353	$\frac{5}{451}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{223}{451}$	$\Phi_{1353}^2\ \Phi_{123}^2\ \Phi_{33}^3\ \Phi_3^2$
142658	1824	348	$\frac{1}{87}$	$\frac{11}{87}$	$\frac{1}{4}$	$\frac{43}{87}$	$\Phi_{348}^7\ \Phi_{174}^7\ \Phi_{116}^7\ \Phi_{58}^7\ \Phi_{12}^7\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
142659	1824	1823	$\frac{21}{1823}$	$\frac{227}{1823}$	$\frac{461}{1823}$	$\frac{901}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142660	1824	249	$\frac{1}{83}$	$\frac{7}{83}$	$\frac{1}{3}$	$\frac{41}{83}$	$\Phi_{249}^{11}\ \Phi_3^{10}$
142661	1824	2061	$\frac{3}{229}$	$\frac{1}{9}$	$\frac{58}{229}$	$\frac{113}{229}$	$\Phi_{2061}\ \Phi_{687}$
142662	1824	1725	$\frac{1}{75}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{37}{75}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{345}\ \Phi_{115}\ \Phi_{75}^2\ \Phi_{69}\ \Phi_{25}^2\ \Phi_{23}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
142663	1824	975	$\frac{1}{75}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{37}{75}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{195}^2\ \Phi_{65}^2\ \Phi_{39}^3\ \Phi_{13}^2$
142664	1824	1725	$\frac{1}{75}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{37}{75}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{345}\ \Phi_{115}\ \Phi_{75}^2\ \Phi_{69}\ \Phi_{25}^2\ \Phi_{23}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
142665	1824	900	$\frac{1}{75}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{37}{75}$	$\Phi_{900}^3\ \Phi_{450}^3\ \Phi_{300}^2\ \Phi_{180}^3\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^3\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{36}^4\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
142666	1824	1725	$\frac{1}{75}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{37}{75}$	$\Phi_{1725}\ \Phi_{575}\ \Phi_{345}\ \Phi_{115}\ \Phi_{75}^2\ \Phi_{69}\ \Phi_{25}^2\ \Phi_{23}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
142667	1824	525	$\frac{1}{75}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{37}{75}$	$\Phi_{525}^4\ \Phi_{175}^4\ \Phi_{105}^4\ \Phi_{35}^5\ \Phi_{21}^4\ \Phi_7^4$
142668	1824	1823	$\frac{25}{1823}$	$\frac{77}{1823}$	$\frac{873}{1823}$	$\frac{899}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142669	1824	1823	$\frac{25}{1823}$	$\frac{231}{1823}$	$\frac{398}{1823}$	$\frac{899}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142670	1824	2285	$\frac{7}{457}$	$\frac{58}{457}$	$\frac{1}{5}$	$\frac{225}{457}$	Φ_{2285}
142671	1824	1823	$\frac{29}{1823}$	$\frac{170}{1823}$	$\frac{463}{1823}$	$\frac{897}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142672	1824	1281	$\frac{1}{61}$	$\frac{1}{7}$	$\frac{31}{183}$	$\frac{30}{61}$	$\Phi_{1281}^2\ \Phi_{427}\ \Phi_{21}^2$
142673	1824	2739	$\frac{15}{913}$	$\frac{58}{913}$	$\frac{1}{3}$	$\frac{449}{913}$	$\Phi_{2739}\ \Phi_{249}\ \Phi_{33}$
142674	1824	3472	$\frac{1}{56}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{55}{112}$	$\Phi_{3472}\ \Phi_{496}\ \Phi_{112}^2\ \Phi_{31}\ \Phi_{16}^2\ \Phi_1^2$
142675	1824	5712	$\frac{1}{56}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{55}{112}$	$\Phi_{5712}\ \Phi_{816}\ \Phi_{51}$
142676	1824	3472	$\frac{1}{56}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{55}{112}$	$\Phi_{3472}\ \Phi_{496}\ \Phi_{112}^2\ \Phi_{31}\ \Phi_{16}^2\ \Phi_1^2$
142677	1824	5040	$\frac{1}{56}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{55}{112}$	$\Phi_{5040}\ \Phi_{1680}\ \Phi_{720}\ \Phi_{240}\ \Phi_{45}\ \Phi_{15}$
142678	1824	1823	$\frac{33}{1823}$	$\frac{116}{1823}$	$\frac{569}{1823}$	$\frac{895}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142679	1824	663	$\frac{1}{51}$	$\frac{1}{13}$	$\frac{13}{51}$	$\frac{25}{51}$	$\Phi_{663}^3\ \Phi_{221}^3\ \Phi_{39}^3\ \Phi_{13}^2$
142680	1824	1823	$\frac{37}{1823}$	$\frac{155}{1823}$	$\frac{417}{1823}$	$\frac{893}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142681	1824	1739	$\frac{1}{47}$	$\frac{1}{37}$	$\frac{18}{37}$	$\frac{23}{47}$	$\Phi_{1739}\ \Phi_{47}^2\ \Phi_{37}^2\ \Phi_1^4$
142682	1824	2820	$\frac{1}{47}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{705}\ \Phi_{564}\ \Phi_{282}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2$
142683	1824	1823	$\frac{39}{1823}$	$\frac{49}{1823}$	$\frac{887}{1823}$	$\frac{892}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142684	1824	2061	$\frac{5}{229}$	$\frac{1}{9}$	$\frac{39}{229}$	$\frac{112}{229}$	$\Phi_{2061}\ \Phi_{687}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
142685	1824	1823	$\frac{41}{1823}$	$\frac{233}{1823}$	$\frac{265}{1823}$	$\frac{891}{1823}$	$\Phi_{1823}\ \Phi_{1}^{2}$
142686	1824	2135	$\frac{7}{305}$	$\frac{39}{305}$	$\frac{1}{7}$	$\frac{149}{305}$	$\Phi_{2135}\ \Phi_{427}\ \Phi_{35}$
142687	1824	1823	$\frac{43}{1823}$	$\frac{189}{1823}$	$\frac{311}{1823}$	$\frac{890}{1823}$	$\Phi_{1823}\ \Phi_{1}^{2}$
142688	1824	2285	$\frac{11}{457}$	$\frac{39}{457}$	$\frac{1}{5}$	$\frac{223}{457}$	Φ_{2285}
142689	1824	812	$\frac{5}{203}$	$\frac{13}{203}$	$\frac{1}{4}$	$\frac{99}{203}$	$\Phi_{812}^{3}\ \Phi_{406}^{3}\ \Phi_{116}^{3}\ \Phi_{58}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
142690	1824	1823	$\frac{45}{1823}$	$\frac{113}{1823}$	$\frac{467}{1823}$	$\frac{889}{1823}$	$\Phi_{1823}\ \Phi_{1}^{2}$
142691	1824	2739	$\frac{23}{913}$	$\frac{39}{913}$	$\frac{1}{3}$	$\frac{445}{913}$	$\Phi_{2739}\ \Phi_{249}\ \Phi_{33}$
142692	1824	2775	$\frac{1}{37}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{2775}\ \Phi_{555}\ \Phi_{75}^{2}\ \Phi_{15}^{2}$
142693	1824	1739	$\frac{1}{37}$	$\frac{2}{47}$	$\frac{15}{47}$	$\frac{18}{37}$	$\Phi_{1739}\ \Phi_{47}^{2}\ \Phi_{37}^{2}\ \Phi_{1}^{4}$
142694	1824	2516	$\frac{1}{37}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{18}{37}$	$\Phi_{2516}\ \Phi_{1258}\ \Phi_{68}^{2}\ \Phi_{34}^{2}$
142695	1824	1739	$\frac{1}{37}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{18}{37}$	$\Phi_{1739}\ \Phi_{47}^{2}\ \Phi_{37}^{2}\ \Phi_{1}^{4}$
142696	1824	2405	$\frac{1}{37}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{18}{37}$	$\Phi_{2405}\ \Phi_{65}^{2}$
142697	1824	1739	$\frac{1}{37}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{18}{37}$	$\Phi_{1739}\ \Phi_{47}^{2}\ \Phi_{37}^{2}\ \Phi_{1}^{4}$
142698	1824	2331	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{18}{37}$	$\Phi_{2331}\ \Phi_{777}\ \Phi_{63}^{2}\ \Phi_{21}^{2}$
142699	1824	1940	$\frac{3}{97}$	$\frac{1}{20}$	$\frac{25}{97}$	$\frac{47}{97}$	$\Phi_{1940}\ \Phi_{970}\ \Phi_{485}\ \Phi_{388}\ \Phi_{194}$
142700	1824	868	$\frac{1}{31}$	$\frac{1}{28}$	$\frac{9}{28}$	$\frac{15}{31}$	$\Phi_{868}^{2}\ \Phi_{434}^{2}\ \Phi_{217}^{2}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{31}^{3}\ \Phi_{28}^{4}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
142701	1824	620	$\frac{1}{31}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{620}^{3}\ \Phi_{310}^{3}\ \Phi_{155}^{3}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{31}^{3}\ \Phi_{20}^{6}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
142702	1824	2170	$\frac{1}{31}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{15}{31}$	$\Phi_{2170}\ \Phi_{1085}\ \Phi_{310}\ \Phi_{155}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{31}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
142703	1824	651	$\frac{1}{31}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{15}{31}$	$\Phi_{651}^{3}\ \Phi_{217}^{2}\ \Phi_{93}^{3}\ \Phi_{31}^{3}\ \Phi_{21}^{6}\ \Phi_{7}^{4}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
142704	1824	1984	$\frac{1}{31}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{15}{31}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{496}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{31}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
142705	1824	588	$\frac{5}{147}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{71}{147}$	$\Phi_{588}^{4}\ \Phi_{294}^{4}\ \Phi_{196}^{4}\ \Phi_{98}^{4}\ \Phi_{84}^{5}\ \Phi_{42}^{5}\ \Phi_{28}^{5}\ \Phi_{14}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
142706	1824	1276	$\frac{1}{29}$	$\frac{15}{319}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{1276}^{2}\ \Phi_{638}^{2}\ \Phi_{116}\ \Phi_{58}\ \Phi_{44}^{2}\ \Phi_{22}^{2}$
142707	1824	1823	$\frac{59}{1823}$	$\frac{65}{1823}$	$\frac{588}{1823}$	$\frac{879}{1823}$	$\Phi_{1823}\ \Phi_{1}^{2}$
142708	1824	1870	$\frac{2}{55}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{53}{110}$	$\Phi_{1870}^{2}\ \Phi_{374}^{2}\ \Phi_{170}^{2}\ \Phi_{85}\ \Phi_{34}^{2}$
142709	1824	1925	$\frac{3}{77}$	$\frac{1}{25}$	$\frac{20}{77}$	$\frac{37}{77}$	$\Phi_{1925}\ \Phi_{385}\ \Phi_{275}\ \Phi_{175}\ \Phi_{55}\ \Phi_{35}$
142710	1824	1823	$\frac{71}{1823}$	$\frac{73}{1823}$	$\frac{474}{1823}$	$\frac{875}{1823}$	$\Phi_{1823}\ \Phi_{1}^{2}$
142711	1824	1823	$\frac{73}{1823}$	$\frac{79}{1823}$	$\frac{436}{1823}$	$\frac{875}{1823}$	$\Phi_{1823}\ \Phi_{1}^{2}$
142712	1824	2739	$\frac{25}{913}$	$\frac{37}{913}$	$\frac{1}{3}$	$\frac{438}{913}$	$\Phi_{2739}\ \Phi_{249}\ \Phi_{33}$
142713	1824	1823	$\frac{50}{1823}$	$\frac{77}{1823}$	$\frac{591}{1823}$	$\frac{873}{1823}$	$\Phi_{1823}\ \Phi_{1}^{2}$
142714	1824	897	$\frac{1}{39}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{897}^{2}\ \Phi_{299}^{2}\ \Phi_{69}\ \Phi_{39}^{4}\ \Phi_{23}^{2}\ \Phi_{13}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
142715	1824	575	$\frac{1}{25}$	$\frac{1}{23}$	$\frac{6}{25}$	$\frac{11}{23}$	$\Phi_{575}^{3}\ \Phi_{115}^{3}\ \Phi_{25}^{6}\ \Phi_{23}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
142716	1824	460	$\frac{1}{23}$	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{460}^{4}\ \Phi_{230}^{4}\ \Phi_{115}^{3}\ \Phi_{92}^{4}\ \Phi_{46}^{4}\ \Phi_{23}^{4}\ \Phi_{20}^{8}\ \Phi_{10}^{8}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
142717	1824	391	$\frac{1}{23}$	$\frac{1}{17}$	$\frac{4}{23}$	$\frac{11}{23}$	$\Phi_{391}^{5}\ \Phi_{17}^{4}$
142718	1824	1035	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{11}{23}$	$\Phi_{1035}^{2}\ \Phi_{345}\ \Phi_{207}^{2}\ \Phi_{115}\ \Phi_{69}\ \Phi_{45}^{4}\ \Phi_{23}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
142719	1824	1823	$\frac{81}{1823}$	$\frac{119}{1823}$	$\frac{284}{1823}$	$\frac{871}{1823}$	$\Phi_{1823}\ \Phi_{1}^{2}$
142720	1824	1989	$\frac{7}{153}$	$\frac{1}{13}$	$\frac{20}{153}$	$\frac{73}{153}$	$\Phi_{1989}\ \Phi_{663}\ \Phi_{221}\ \Phi_{117}\ \Phi_{39}$
142721	1824	1823	$\frac{85}{1823}$	$\frac{159}{1823}$	$\frac{208}{1823}$	$\frac{869}{1823}$	$\Phi_{1823}\ \Phi_{1}^{2}$
142722	1824	1260	$\frac{11}{315}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{420}^{2}\ \Phi_{252}^{2}\ \Phi_{210}^{2}\ \Phi_{180}^{2}\ \Phi_{140}^{2}\ \Phi_{126}^{2}\ \Phi_{90}^{2}\ \Phi_{84}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{42}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{28}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{6}$
142723	1824	2061	$\frac{11}{229}$	$\frac{20}{229}$	$\frac{1}{9}$	$\frac{109}{229}$	$\Phi_{2061}\ \Phi_{687}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
142724	1824	580	$\frac{1}{29}$	$\frac{7}{145}$	$\frac{1}{4}$	$\frac{69}{145}$	$\Phi_{580}^4\ \Phi_{290}^4\ \Phi_{116}^5\ \Phi_{58}^5\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_4^4\ \Phi_2^4$
142725	1824	1823	$\frac{89}{1823}$	$\frac{132}{1823}$	$\frac{239}{1823}$	$\frac{867}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142726	1824	427	$\frac{3}{61}$	$\frac{4}{61}$	$\frac{1}{7}$	$\frac{29}{61}$	$\Phi_{427}^5\ \Phi_7^4$
142727	1824	1823	$\frac{91}{1823}$	$\frac{94}{1823}$	$\frac{319}{1823}$	$\frac{866}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142728	1824	2285	$\frac{20}{457}$	$\frac{23}{457}$	$\frac{1}{5}$	$\frac{217}{457}$	Φ_{2285}
142729	1824	2436	$\frac{20}{609}$	$\frac{31}{609}$	$\frac{1}{4}$	$\frac{289}{609}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{812}\ \Phi_{406}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{84}\ \Phi_{58}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
142730	1824	1823	$\frac{56}{1823}$	$\frac{93}{1823}$	$\frac{479}{1823}$	$\frac{865}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142731	1824	2739	$\frac{20}{913}$	$\frac{47}{913}$	$\frac{1}{3}$	$\frac{433}{913}$	$\Phi_{2739}\ \Phi_{249}\ \Phi_{33}$
142732	1824	1940	$\frac{1}{20}$	$\frac{5}{97}$	$\frac{17}{97}$	$\frac{46}{97}$	$\Phi_{1940}\ \Phi_{970}\ \Phi_{485}\ \Phi_{388}\ \Phi_{194}$
142733	1824	1764	$\frac{1}{49}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{1764}^2\ \Phi_{588}^2\ \Phi_{252}^2\ \Phi_{196}^2\ \Phi_{147}\ \Phi_{84}^2\ \Phi_{28}^2\ \Phi_{21}$
142734	1824	3420	$\frac{2}{95}$	$\frac{1}{18}$	$\frac{31}{95}$	$\frac{17}{36}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{228}\ \Phi_{180}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{19}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
142735	1824	396	$\frac{1}{33}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{396}^3\ \Phi_{198}^6\ \Phi_{132}^4\ \Phi_{99}^6\ \Phi_{66}^7\ \Phi_{44}^4\ \Phi_{36}^2\ \Phi_{33}^6\ \Phi_{22}^7\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_{11}^6\ \Phi_9^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
142736	1824	3420	$\frac{3}{95}$	$\frac{1}{18}$	$\frac{23}{95}$	$\frac{17}{36}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{228}\ \Phi_{180}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{19}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
142737	1824	900	$\frac{1}{25}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{900}^4\ \Phi_{300}^4\ \Phi_{180}^3\ \Phi_{100}^4\ \Phi_{60}^3\ \Phi_{36}^4\ \Phi_{25}^4\ \Phi_{20}^3\ \Phi_{12}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
142738	1824	684	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{3}{19}$	$\frac{17}{36}$	$\Phi_{684}^5\ \Phi_{228}^5\ \Phi_{76}^5\ \Phi_{36}^6\ \Phi_{19}^5\ \Phi_{12}^6\ \Phi_4^6\ \Phi_1^6$
142739	1824	4284	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{17}{36}$	$\Phi_{4284}\ \Phi_{1428}\ \Phi_{476}\ \Phi_{119}$
142740	1824	3420	$\frac{1}{18}$	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{17}{36}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{228}\ \Phi_{180}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{19}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
142741	1824	468	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{17}{36}$	$\Phi_{468}^8\ \Phi_{156}^8\ \Phi_{117}\ \Phi_{52}^8\ \Phi_{39}$
142742	1824	1105	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{9}{85}$	$\frac{8}{17}$	$\Phi_{1105}^2\ \Phi_{221}\ \Phi_{65}^2$
142743	1824	1823	$\frac{79}{1823}$	$\frac{109}{1823}$	$\frac{322}{1823}$	$\frac{857}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142744	1824	2436	$\frac{17}{609}$	$\frac{37}{609}$	$\frac{1}{4}$	$\frac{286}{609}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{812}\ \Phi_{406}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{84}\ \Phi_{58}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
142745	1824	1911	$\frac{1}{39}$	$\frac{3}{49}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{1911}\ \Phi_{637}\ \Phi_{273}\ \Phi_{147}\ \Phi_{91}\ \Phi_{21}$
142746	1824	1823	$\frac{51}{1823}$	$\frac{115}{1823}$	$\frac{443}{1823}$	$\frac{854}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142747	1824	870	$\frac{1}{58}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{870}^2\ \Phi_{435}^2\ \Phi_{290}^2\ \Phi_{174}^3\ \Phi_{145}^2\ \Phi_{87}^3\ \Phi_{58}^2\ \Phi_{30}^2\ \Phi_{29}^2\ \Phi_{10}^2\ \Phi_6^3\ \Phi_2^2$
142748	1824	1695	$\frac{2}{113}$	$\frac{1}{15}$	$\frac{37}{113}$	$\frac{7}{15}$	$\Phi_{1695}\ \Phi_{565}\ \Phi_{339}\ \Phi_{113}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
142749	1824	780	$\frac{1}{39}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{260}^3\ \Phi_{156}^4\ \Phi_{130}^3\ \Phi_{78}^4\ \Phi_{60}^2\ \Phi_{52}^4\ \Phi_{30}^2\ \Phi_{26}^4\ \Phi_{20}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
142750	1824	1695	$\frac{5}{113}$	$\frac{1}{15}$	$\frac{18}{113}$	$\frac{7}{15}$	$\Phi_{1695}\ \Phi_{565}\ \Phi_{339}\ \Phi_{113}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
142751	1824	420	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^6\ \Phi_{105}^4\ \Phi_{84}^5\ \Phi_{70}^6\ \Phi_{42}^5\ \Phi_{35}^5\ \Phi_{28}^6\ \Phi_{21}^4\ \Phi_{14}^6\ \Phi_7^4$
142752	1824	1940	$\frac{1}{20}$	$\frac{7}{97}$	$\frac{13}{97}$	$\frac{45}{97}$	$\Phi_{1940}\ \Phi_{970}\ \Phi_{485}\ \Phi_{388}\ \Phi_{194}$
142753	1824	1274	$\frac{1}{49}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{1274}^2\ \Phi_{637}\ \Phi_{182}^2\ \Phi_{98}^2\ \Phi_{91}\ \Phi_{14}^2$
142754	1824	1823	$\frac{83}{1823}$	$\frac{145}{1823}$	$\frac{246}{1823}$	$\frac{839}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142755	1824	2285	$\frac{13}{457}$	$\frac{37}{457}$	$\frac{1}{5}$	$\frac{210}{457}$	Φ_{2285}
142756	1824	1823	$\frac{35}{1823}$	$\frac{149}{1823}$	$\frac{493}{1823}$	$\frac{837}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142757	1824	2739	$\frac{13}{913}$	$\frac{75}{913}$	$\frac{1}{3}$	$\frac{419}{913}$	$\Phi_{2739}\ \Phi_{249}\ \Phi_{33}$
142758	1824	1823	$\frac{26}{1823}$	$\frac{153}{1823}$	$\frac{599}{1823}$	$\frac{835}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142759	1824	175	$\frac{1}{25}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{175}^{11}\ \Phi_{35}^9\ \Phi_{25}^{10}\ \Phi_7^8\ \Phi_5^8\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
142760	1824	231	$\frac{1}{77}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{231}^{12}\ \Phi_{33}^{11}\ \Phi_{21}^{12}\ \Phi_{3}^{10}$
142761	1824	638	$\frac{1}{58}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{638}^{3}\ \Phi_{319}^{3}\ \Phi_{58}^{2}\ \Phi_{29}^{2}\ \Phi_{22}^{3}\ \Phi_{2}^{2}$
142762	1824	1661	$\frac{3}{151}$	$\frac{1}{11}$	$\frac{37}{151}$	$\frac{5}{11}$	$\Phi_{1661}\ \Phi_{151}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
142763	1824	2145	$\frac{1}{39}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{195}^{2}\ \Phi_{165}\ \Phi_{65}^{2}\ \Phi_{15}^{2}$
142764	1824	550	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{550}^{4}\ \Phi_{275}^{3}\ \Phi_{110}^{4}\ \Phi_{55}^{3}\ \Phi_{50}^{4}\ \Phi_{25}^{2}\ \Phi_{10}^{4}\ \Phi_{5}^{2}$
142765	1824	1661	$\frac{7}{151}$	$\frac{1}{11}$	$\frac{18}{151}$	$\frac{5}{11}$	$\Phi_{1661}\ \Phi_{151}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
142766	1824	1980	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{11}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{198}\ \Phi_{180}^{2}\ \Phi_{165}\ \Phi_{132}\ \Phi_{90}^{2}\ \Phi_{66}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
142767	1824	1245	$\frac{1}{83}$	$\frac{41}{415}$	$\frac{1}{3}$	$\frac{187}{415}$	$\Phi_{1245}^{2}\ \Phi_{249}^{3}\ \Phi_{15}^{2}\ \Phi_{3}^{2}$
142768	1824	1911	$\frac{1}{39}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{1911}\ \Phi_{637}\ \Phi_{273}\ \Phi_{147}\ \Phi_{91}\ \Phi_{21}$
142769	1824	1823	$\frac{53}{1823}$	$\frac{191}{1823}$	$\frac{295}{1823}$	$\frac{816}{1823}$	$\Phi_{1823}\ \Phi_{1}^{2}$
142770	1824	1053	$\frac{5}{81}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1053}^{2}\ \Phi_{351}^{2}\ \Phi_{117}\ \Phi_{39}$
142771	1824	1940	$\frac{1}{20}$	$\frac{9}{97}$	$\frac{11}{97}$	$\frac{43}{97}$	$\Phi_{1940}\ \Phi_{970}\ \Phi_{485}\ \Phi_{388}\ \Phi_{194}$
142772	1824	442	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{2}{17}$	$\frac{15}{34}$	$\Phi_{442}^{8}\ \Phi_{221}\ \Phi_{26}^{8}$
142773	1824	1823	$\frac{87}{1823}$	$\frac{170}{1823}$	$\frac{217}{1823}$	$\frac{803}{1823}$	$\Phi_{1823}\ \Phi_{1}^{2}$
142774	1824	1925	$\frac{1}{77}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1925}\ \Phi_{385}\ \Phi_{275}\ \Phi_{175}\ \Phi_{55}\ \Phi_{35}$
142775	1824	2135	$\frac{9}{305}$	$\frac{37}{305}$	$\frac{1}{7}$	$\frac{134}{305}$	$\Phi_{2135}\ \Phi_{427}\ \Phi_{35}$
142776	1824	1823	$\frac{39}{1823}$	$\frac{223}{1823}$	$\frac{341}{1823}$	$\frac{800}{1823}$	$\Phi_{1823}\ \Phi_{1}^{2}$
142777	1824	812	$\frac{3}{203}$	$\frac{25}{203}$	$\frac{1}{4}$	$\frac{89}{203}$	$\Phi_{812}^{3}\ \Phi_{406}^{3}\ \Phi_{116}^{3}\ \Phi_{58}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
142778	1824	1823	$\frac{23}{1823}$	$\frac{225}{1823}$	$\frac{512}{1823}$	$\frac{799}{1823}$	$\Phi_{1823}\ \Phi_{1}^{2}$
142779	1824	2739	$\frac{9}{913}$	$\frac{113}{913}$	$\frac{1}{3}$	$\frac{400}{913}$	$\Phi_{2739}\ \Phi_{249}\ \Phi_{33}$
142780	1824	1823	$\frac{27}{1823}$	$\frac{229}{1823}$	$\frac{449}{1823}$	$\frac{797}{1823}$	$\Phi_{1823}\ \Phi_{1}^{2}$
142781	1824	2415	$\frac{1}{115}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{2415}\ \Phi_{483}\ \Phi_{345}^{2}\ \Phi_{105}\ \Phi_{69}^{2}\ \Phi_{15}^{2}$
142782	1824	1589	$\frac{2}{227}$	$\frac{1}{7}$	$\frac{75}{227}$	$\frac{3}{7}$	$\Phi_{1589}\ \Phi_{227}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
142783	1824	308	$\frac{1}{77}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{308}^{8}\ \Phi_{154}^{8}\ \Phi_{44}^{8}\ \Phi_{28}^{7}\ \Phi_{22}^{8}\ \Phi_{14}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
142784	1824	1589	$\frac{3}{227}$	$\frac{1}{7}$	$\frac{56}{227}$	$\frac{3}{7}$	$\Phi_{1589}\ \Phi_{227}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
142785	1824	2030	$\frac{1}{58}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{290}^{2}\ \Phi_{145}^{2}\ \Phi_{70}\ \Phi_{10}^{2}$
142786	1824	1589	$\frac{5}{227}$	$\frac{1}{7}$	$\frac{37}{227}$	$\frac{3}{7}$	$\Phi_{1589}\ \Phi_{227}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
142787	1824	273	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{273}^{7}\ \Phi_{91}^{7}\ \Phi_{39}^{6}\ \Phi_{21}^{7}\ \Phi_{13}^{6}\ \Phi_{3}^{6}$
142788	1824	525	$\frac{1}{25}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{525}^{4}\ \Phi_{175}^{3}\ \Phi_{105}^{4}\ \Phi_{75}^{4}\ \Phi_{35}^{3}\ \Phi_{25}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{2}$
142789	1824	1589	$\frac{11}{227}$	$\frac{18}{227}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1589}\ \Phi_{227}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
142790	1824	1820	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}^{2}\ \Phi_{182}\ \Phi_{130}^{2}\ \Phi_{65}^{2}\ \Phi_{52}^{2}\ \Phi_{26}^{2}$
142791	1824	1823	$\frac{55}{1823}$	$\frac{221}{1823}$	$\frac{267}{1823}$	$\frac{778}{1823}$	$\Phi_{1823}\ \Phi_{1}^{2}$
142792	1824	825	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{825}^{2}\ \Phi_{275}^{3}\ \Phi_{165}^{2}\ \Phi_{75}^{2}\ \Phi_{55}^{3}\ \Phi_{25}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}$
142793	1824	1940	$\frac{1}{20}$	$\frac{7}{97}$	$\frac{15}{97}$	$\frac{41}{97}$	$\Phi_{1940}\ \Phi_{970}\ \Phi_{485}\ \Phi_{388}\ \Phi_{194}$
142794	1824	1823	$\frac{89}{1823}$	$\frac{132}{1823}$	$\frac{289}{1823}$	$\frac{767}{1823}$	$\Phi_{1823}\ \Phi_{1}^{2}$
142795	1824	2061	$\frac{7}{229}$	$\frac{1}{9}$	$\frac{37}{229}$	$\frac{96}{229}$	$\Phi_{2061}\ \Phi_{687}$
142796	1824	1823	$\frac{41}{1823}$	$\frac{265}{1823}$	$\frac{297}{1823}$	$\frac{763}{1823}$	$\Phi_{1823}\ \Phi_{1}^{2}$
142797	1824	2285	$\frac{7}{457}$	$\frac{75}{457}$	$\frac{1}{5}$	$\frac{191}{457}$	Φ_{2285}
142798	1824	1044	$\frac{1}{87}$	$\frac{43}{261}$	$\frac{1}{4}$	$\frac{109}{261}$	$\Phi_{1044}^{2}\ \Phi_{522}^{2}\ \Phi_{348}^{3}\ \Phi_{174}^{3}\ \Phi_{116}^{3}\ \Phi_{58}^{3}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
142799	1824	1823	$\frac{17}{1823}$	$\frac{301}{1823}$	$\frac{531}{1823}$	$\frac{761}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142800	1824	2739	$\frac{7}{913}$	$\frac{151}{913}$	$\frac{1}{3}$	$\frac{381}{913}$	$\Phi_{2739}\ \Phi_{249}\ \Phi_{33}$
142801	1824	1823	$\frac{14}{1823}$	$\frac{305}{1823}$	$\frac{603}{1823}$	$\frac{759}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142802	1824	1955	$\frac{1}{115}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1955}\ \Phi_{391}\ \Phi_{85}$
142803	1824	3104	$\frac{1}{97}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{3104}\ \Phi_{388}\ \Phi_{194}$
142804	1824	1823	$\frac{19}{1823}$	$\frac{343}{1823}$	$\frac{451}{1823}$	$\frac{740}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142805	1824	765	$\frac{1}{153}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^4\ \Phi_{85}^2\ \Phi_{51}^4\ \Phi_{45}^2\ \Phi_{17}^4\ \Phi_{15}\ \Phi_9^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
142806	1824	505	$\frac{1}{101}$	$\frac{1}{5}$	$\frac{25}{101}$	$\frac{2}{5}$	$\Phi_{505}^3\ \Phi_{101}^6\ \Phi_5^4\ \Phi_1^8$
142807	1824	385	$\frac{1}{77}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{385}^5\ \Phi_{77}^4\ \Phi_{55}^5\ \Phi_{35}^5\ \Phi_{11}^4\ \Phi_7^4$
142808	1824	1085	$\frac{3}{155}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1085}^2\ \Phi_{217}^2\ \Phi_{35}$
142809	1824	1515	$\frac{7}{303}$	$\frac{37}{303}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1515}\ \Phi_{505}\ \Phi_{303}^2\ \Phi_{101}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
142810	1824	585	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{585}^3\ \Phi_{195}^2\ \Phi_{117}^6\ \Phi_{65}^2\ \Phi_{45}^2\ \Phi_{39}^4\ \Phi_{15}\ \Phi_{13}^4\ \Phi_9^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
142811	1824	505	$\frac{5}{101}$	$\frac{6}{101}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{505}^3\ \Phi_{101}^6\ \Phi_5^4\ \Phi_1^8$
142812	1824	340	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{340}^6\ \Phi_{170}^6\ \Phi_{85}^5\ \Phi_{68}^6\ \Phi_{34}^6\ \Phi_{17}^4$
142813	1824	1823	$\frac{29}{1823}$	$\frac{299}{1823}$	$\frac{381}{1823}$	$\frac{721}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142814	1824	1914	$\frac{1}{58}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{1914}\ \Phi_{957}\ \Phi_{638}\ \Phi_{319}\ \Phi_{174}\ \Phi_{87}\ \Phi_{66}\ \Phi_{22}\ \Phi_6$
142815	1824	1911	$\frac{1}{39}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{1911}\ \Phi_{637}\ \Phi_{273}\ \Phi_{147}\ \Phi_{91}\ \Phi_{21}$
142816	1824	1823	$\frac{59}{1823}$	$\frac{147}{1823}$	$\frac{419}{1823}$	$\frac{702}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142817	1824	1989	$\frac{1}{153}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{1989}\ \Phi_{663}\ \Phi_{221}\ \Phi_{117}\ \Phi_{39}$
142818	1824	1940	$\frac{1}{20}$	$\frac{5}{97}$	$\frac{23}{97}$	$\frac{37}{97}$	$\Phi_{1940}\ \Phi_{970}\ \Phi_{485}\ \Phi_{388}\ \Phi_{194}$
142819	1824	1823	$\frac{91}{1823}$	$\frac{94}{1823}$	$\frac{433}{1823}$	$\frac{695}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142820	1824	1564	$\frac{1}{23}$	$\frac{1}{17}$	$\frac{11}{46}$	$\frac{35}{92}$	$\Phi_{1564}^2\ \Phi_{391}\ \Phi_{68}^2$
142821	1824	1989	$\frac{5}{153}$	$\frac{1}{13}$	$\frac{37}{153}$	$\frac{58}{153}$	$\Phi_{1989}\ \Phi_{663}\ \Phi_{221}\ \Phi_{117}\ \Phi_{39}$
142822	1824	1823	$\frac{43}{1823}$	$\frac{189}{1823}$	$\frac{445}{1823}$	$\frac{689}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142823	1824	427	$\frac{1}{61}$	$\frac{1}{7}$	$\frac{15}{61}$	$\frac{23}{61}$	$\Phi_{427}^5\ \Phi_7^4$
142824	1824	1823	$\frac{27}{1823}$	$\frac{284}{1823}$	$\frac{449}{1823}$	$\frac{687}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142825	1824	2285	$\frac{5}{457}$	$\frac{1}{5}$	$\frac{113}{457}$	$\frac{172}{457}$	Φ_{2285}
142826	1824	1823	$\frac{19}{1823}$	$\frac{379}{1823}$	$\frac{451}{1823}$	$\frac{686}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142827	1824	2436	$\frac{5}{609}$	$\frac{151}{609}$	$\frac{1}{4}$	$\frac{229}{609}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{812}\ \Phi_{406}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{84}\ \Phi_{58}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
142828	1824	1823	$\frac{11}{1823}$	$\frac{453}{1823}$	$\frac{569}{1823}$	$\frac{685}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142829	1824	2739	$\frac{5}{913}$	$\frac{227}{913}$	$\frac{1}{3}$	$\frac{343}{913}$	$\Phi_{2739}\ \Phi_{249}\ \Phi_{33}$
142830	1824	2328	$\frac{1}{97}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2328}\ \Phi_{1164}\ \Phi_{582}\ \Phi_{388}\ \Phi_{291}\ \Phi_{194}$
142831	1824	1823	$\frac{15}{1823}$	$\frac{452}{1823}$	$\frac{457}{1823}$	$\frac{683}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142832	1824	2910	$\frac{1}{97}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{2910}\ \Phi_{970}\ \Phi_{582}\ \Phi_{485}\ \Phi_{194}$
142833	1824	1925	$\frac{1}{77}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1925}\ \Phi_{385}\ \Phi_{275}\ \Phi_{175}\ \Phi_{55}\ \Phi_{35}$
142834	1824	1823	$\frac{31}{1823}$	$\frac{224}{1823}$	$\frac{533}{1823}$	$\frac{645}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142835	1824	1911	$\frac{1}{39}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{1911}\ \Phi_{637}\ \Phi_{273}\ \Phi_{147}\ \Phi_{91}\ \Phi_{21}$
142836	1824	1823	$\frac{63}{1823}$	$\frac{110}{1823}$	$\frac{571}{1823}$	$\frac{626}{1823}$	$\Phi_{1823}\ \Phi_1^2$
142837	1824	1823	$\frac{75}{1823}$	$\frac{92}{1823}$	$\frac{577}{1823}$	$\frac{623}{1823}$	$\Phi_{1823}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
142838	1824	1940	$\frac{4}{97}$	$\frac{1}{20}$	$\frac{31}{97}$	$\frac{33}{97}$	$\Phi_{1940}\ \Phi_{970}\ \Phi_{485}\ \Phi_{388}\ \Phi_{194}$
142839	1824	1955	$\frac{4}{115}$	$\frac{1}{17}$	$\frac{37}{115}$	$\frac{39}{115}$	$\Phi_{1955}\ \Phi_{391}\ \Phi_{85}$
142840	1824	1823	$\frac{44}{1823}$	$\frac{151}{1823}$	$\frac{593}{1823}$	$\frac{615}{1823}$	$\Phi_{1823}\ \Phi_{1}^{2}$
142841	1824	2061	$\frac{4}{229}$	$\frac{1}{9}$	$\frac{75}{229}$	$\frac{77}{229}$	$\Phi_{2061}\ \Phi_{687}$
142842	1824	1823	$\frac{20}{1823}$	$\frac{303}{1823}$	$\frac{601}{1823}$	$\frac{611}{1823}$	$\Phi_{1823}\ \Phi_{1}^{2}$
142843	1824	2285	$\frac{4}{457}$	$\frac{1}{5}$	$\frac{151}{457}$	$\frac{153}{457}$	Φ_{2285}
142844	1824	1823	$\frac{8}{1823}$	$\frac{605}{1823}$	$\frac{607}{1823}$	$\frac{609}{1823}$	$\Phi_{1823}\ \Phi_{1}^{2}$
142845	1824	2739	$\frac{4}{913}$	$\frac{303}{913}$	$\frac{1}{3}$	$\frac{305}{913}$	$\Phi_{2739}\ \Phi_{249}\ \Phi_{33}$
142846	1824	687	$\frac{1}{229}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{687}^{3}\ \Phi_{229}^{2}$
142847	1824	1365	$\frac{2}{455}$	$\frac{151}{455}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}^{2}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}^{2}\ \Phi_{65}^{2}\ \Phi_{39}\ \Phi_{35}^{2}\ \Phi_{21}\ \Phi_{15}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
142848	1824	612	$\frac{1}{153}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{612}^{4}\ \Phi_{306}^{4}\ \Phi_{204}^{4}\ \Phi_{102}^{4}\ \Phi_{68}^{4}\ \Phi_{36}^{4}\ \Phi_{34}^{4}\ \Phi_{18}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
142849	1824	1365	$\frac{3}{455}$	$\frac{113}{455}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}^{2}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}^{2}\ \Phi_{65}^{2}\ \Phi_{39}\ \Phi_{35}^{2}\ \Phi_{21}\ \Phi_{15}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
142850	1824	345	$\frac{1}{115}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{345}^{4}\ \Phi_{115}^{8}\ \Phi_{69}^{4}\ \Phi_{23}^{8}\ \Phi_{15}^{3}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
142851	1824	273	$\frac{1}{91}$	$\frac{15}{91}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{273}^{5}\ \Phi_{91}^{10}\ \Phi_{39}^{5}\ \Phi_{21}^{5}\ \Phi_{13}^{10}\ \Phi_{7}^{10}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
142852	1824	231	$\frac{1}{77}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}^{6}\ \Phi_{77}^{12}\ \Phi_{33}^{6}\ \Phi_{21}^{5}\ \Phi_{11}^{12}\ \Phi_{7}^{10}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
142853	1824	195	$\frac{1}{65}$	$\frac{8}{65}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{195}^{7}\ \Phi_{65}^{14}\ \Phi_{39}^{7}\ \Phi_{15}^{7}\ \Phi_{13}^{14}\ \Phi_{5}^{14}\ \Phi_{3}^{8}\ \Phi_{1}^{16}$
142854	1824	522	$\frac{1}{58}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{522}^{4}\ \Phi_{261}^{4}\ \Phi_{174}^{3}\ \Phi_{87}^{3}\ \Phi_{58}^{2}\ \Phi_{29}^{2}\ \Phi_{18}^{4}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
142855	1824	147	$\frac{1}{49}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{147}^{13}\ \Phi_{49}^{12}\ \Phi_{21}^{11}\ \Phi_{7}^{10}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
142856	1824	1365	$\frac{11}{455}$	$\frac{37}{455}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}^{2}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}^{2}\ \Phi_{65}^{2}\ \Phi_{39}\ \Phi_{35}^{2}\ \Phi_{21}\ \Phi_{15}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
142857	1824	39	$\frac{1}{39}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{39}^{47}\ \Phi_{13}^{46}\ \Phi_{3}^{48}\ \Phi_{1}^{48}$
142858	1824	735	$\frac{1}{35}$	$\frac{17}{245}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{735}^{2}\ \Phi_{245}^{4}\ \Phi_{147}^{2}\ \Phi_{105}\ \Phi_{49}^{4}\ \Phi_{35}^{2}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
142859	1824	1365	$\frac{18}{455}$	$\frac{23}{455}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}^{2}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}^{2}\ \Phi_{65}^{2}\ \Phi_{39}\ \Phi_{35}^{2}\ \Phi_{21}\ \Phi_{15}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
142860	1824	300	$\frac{1}{25}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{300}^{5}\ \Phi_{150}^{5}\ \Phi_{100}^{10}\ \Phi_{75}^{4}\ \Phi_{60}^{4}\ \Phi_{50}^{10}\ \Phi_{30}^{4}\ \Phi_{25}^{8}\ \Phi_{20}^{8}\ \Phi_{15}^{3}\ \Phi_{12}^{4}\ \Phi_{10}^{8}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
142861	1824	3636	$\frac{2}{303}$	$\frac{1}{4}$	$\frac{301}{909}$	$\frac{1}{3}$	$\Phi_{3636}\ \Phi_{1818}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
142862	1824	3405	$\frac{2}{227}$	$\frac{1}{5}$	$\frac{75}{227}$	$\frac{1}{3}$	$\Phi_{3405}\ \Phi_{15}^{2}$
142863	1824	2739	$\frac{10}{913}$	$\frac{153}{913}$	$\frac{301}{913}$	$\frac{1}{3}$	$\Phi_{2739}\ \Phi_{249}\ \Phi_{33}$
142864	1824	1017	$\frac{2}{113}$	$\frac{1}{9}$	$\frac{37}{113}$	$\frac{1}{3}$	$\Phi_{1017}^{2}\ \Phi_{339}\ \Phi_{113}^{2}\ \Phi_{9}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
142865	1824	1995	$\frac{2}{95}$	$\frac{2}{21}$	$\frac{31}{95}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{133}\ \Phi_{105}\ \Phi_{95}\ \Phi_{35}\ \Phi_{21}^{2}\ \Phi_{19}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
142866	1824	1353	$\frac{10}{451}$	$\frac{1}{11}$	$\frac{147}{451}$	$\frac{1}{3}$	$\Phi_{1353}^{2}\ \Phi_{123}^{2}\ \Phi_{33}^{3}\ \Phi_{3}^{2}$
142867	1824	249	$\frac{2}{83}$	$\frac{7}{83}$	$\frac{27}{83}$	$\frac{1}{3}$	$\Phi_{249}^{11}\ \Phi_{3}^{10}$
142868	1824	2925	$\frac{2}{75}$	$\frac{1}{13}$	$\frac{73}{225}$	$\frac{1}{3}$	$\Phi_{2925}\ \Phi_{585}\ \Phi_{117}\ \Phi_{39}$
142869	1824	1428	$\frac{1}{28}$	$\frac{1}{17}$	$\frac{9}{28}$	$\frac{1}{3}$	$\Phi_{1428}^{2}\ \Phi_{714}^{2}\ \Phi_{357}^{2}\ \Phi_{204}^{2}\ \Phi_{102}^{2}\ \Phi_{51}^{3}$
142870	1824	2820	$\frac{2}{47}$	$\frac{1}{20}$	$\frac{15}{47}$	$\frac{1}{3}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{705}\ \Phi_{564}\ \Phi_{282}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
142871	1824	2739	$\frac{39}{913}$	$\frac{46}{913}$	$\frac{289}{913}$	$\frac{1}{3}$	$\Phi_{2739}\ \Phi_{249}\ \Phi_{33}$
142872	1824	249	$\frac{3}{83}$	$\frac{5}{83}$	$\frac{26}{83}$	$\frac{1}{3}$	$\Phi_{249}^{11}\ \Phi_{3}^{10}$
142873	1824	897	$\frac{1}{39}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{897}^{2}\ \Phi_{299}^{2}\ \Phi_{69}\ \Phi_{39}^{4}\ \Phi_{23}^{2}\ \Phi_{13}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
142874	1824	1323	$\frac{1}{49}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{1323}^{2}\ \Phi_{189}^{2}\ \Phi_{147}\ \Phi_{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
142875	1824	2739	$\frac{17}{913}$	$\frac{112}{913}$	$\frac{267}{913}$	$\frac{1}{3}$	$\Phi_{2739}\ \Phi_{249}\ \Phi_{33}$
142876	1824	2610	$\frac{1}{58}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{2610}\ \Phi_{1305}\ \Phi_{522}\ \Phi_{261}\ \Phi_{174}\ \Phi_{90}\ \Phi_{87}\ \Phi_{18}\ \Phi_{6}$
142877	1824	231	$\frac{1}{77}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{231}^{12}\ \Phi_{33}^{11}\ \Phi_{21}^{12}\ \Phi_{3}^{10}$
142878	1824	1245	$\frac{1}{83}$	$\frac{82}{415}$	$\frac{111}{415}$	$\frac{1}{3}$	$\Phi_{1245}^{2}\ \Phi_{249}^{3}\ \Phi_{15}^{2}\ \Phi_{3}^{2}$
142879	1824	2739	$\frac{9}{913}$	$\frac{226}{913}$	$\frac{229}{913}$	$\frac{1}{3}$	$\Phi_{2739}\ \Phi_{249}\ \Phi_{33}$
142880	1824	1212	$\frac{1}{101}$	$\frac{25}{101}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1212}^{3}\ \Phi_{606}^{3}\ \Phi_{12}^{4}\ \Phi_{6}^{4}$
142881	1824	4620	$\frac{1}{77}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{4620}\ \Phi_{2310}\ \Phi_{660}\ \Phi_{420}\ \Phi_{330}\ \Phi_{210}$
142882	1824	1212	$\frac{7}{303}$	$\frac{37}{303}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1212}^{2}\ \Phi_{606}^{2}\ \Phi_{404}^{2}\ \Phi_{202}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
142883	1824	468	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{468}^{6}\ \Phi_{234}^{6}\ \Phi_{156}^{4}\ \Phi_{78}^{4}\ \Phi_{52}^{4}\ \Phi_{36}^{4}\ \Phi_{26}^{4}\ \Phi_{18}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
142884	1824	924	$\frac{1}{33}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^{3}\ \Phi_{462}^{3}\ \Phi_{308}^{3}\ \Phi_{154}^{3}\ \Phi_{132}\ \Phi_{84}^{2}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{22}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{6}$
142885	1824	1212	$\frac{5}{101}$	$\frac{6}{101}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1212}^{3}\ \Phi_{606}^{3}\ \Phi_{12}^{4}\ \Phi_{6}^{4}$
142886	1824	1020	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^{3}\ \Phi_{510}^{3}\ \Phi_{255}^{3}\ \Phi_{204}^{2}\ \Phi_{102}^{2}\ \Phi_{51}^{3}$
142887	1824	3405	$\frac{3}{227}$	$\frac{1}{5}$	$\frac{56}{227}$	$\frac{1}{3}$	$\Phi_{3405}\ \Phi_{15}^{2}$
142888	1824	2739	$\frac{13}{913}$	$\frac{172}{913}$	$\frac{225}{913}$	$\frac{1}{3}$	$\Phi_{2739}\ \Phi_{249}\ \Phi_{33}$
142889	1824	3171	$\frac{3}{151}$	$\frac{1}{7}$	$\frac{37}{151}$	$\frac{1}{3}$	$\Phi_{3171}\ \Phi_{21}^{2}$
142890	1824	2739	$\frac{21}{913}$	$\frac{115}{913}$	$\frac{223}{913}$	$\frac{1}{3}$	$\Phi_{2739}\ \Phi_{249}\ \Phi_{33}$
142891	1824	1995	$\frac{3}{95}$	$\frac{2}{21}$	$\frac{23}{95}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{133}\ \Phi_{105}\ \Phi_{95}\ \Phi_{35}\ \Phi_{21}^{2}\ \Phi_{19}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
142892	1824	249	$\frac{3}{83}$	$\frac{7}{83}$	$\frac{20}{83}$	$\frac{1}{3}$	$\Phi_{249}^{11}\ \Phi_{3}^{10}$
142893	1824	975	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{6}{25}$	$\frac{1}{3}$	$\Phi_{975}^{3}\ \Phi_{195}^{3}\ \Phi_{39}^{4}$
142894	1824	2739	$\frac{45}{913}$	$\frac{58}{913}$	$\frac{217}{913}$	$\frac{1}{3}$	$\Phi_{2739}\ \Phi_{249}\ \Phi_{33}$
142895	1824	2820	$\frac{1}{20}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{1}{3}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{705}\ \Phi_{564}\ \Phi_{282}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
142896	1824	2739	$\frac{37}{913}$	$\frac{73}{913}$	$\frac{210}{913}$	$\frac{1}{3}$	$\Phi_{2739}\ \Phi_{249}\ \Phi_{33}$
142897	1824	2205	$\frac{1}{49}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{315}\ \Phi_{245}\ \Phi_{147}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
142898	1824	897	$\frac{1}{39}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{897}^{2}\ \Phi_{299}^{2}\ \Phi_{69}\ \Phi_{39}^{4}\ \Phi_{23}^{2}\ \Phi_{13}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
142899	1824	2739	$\frac{19}{913}$	$\frac{149}{913}$	$\frac{191}{913}$	$\frac{1}{3}$	$\Phi_{2739}\ \Phi_{249}\ \Phi_{33}$
142900	1824	1176	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{1176}^{2}\ \Phi_{588}^{2}\ \Phi_{392}^{2}\ \Phi_{196}^{2}\ \Phi_{168}^{2}\ \Phi_{147}\ \Phi_{84}^{2}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{21}$
142901	1824	870	$\frac{1}{58}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{870}^{3}\ \Phi_{435}^{3}\ \Phi_{174}^{4}\ \Phi_{87}^{4}\ \Phi_{30}^{3}\ \Phi_{6}^{4}$
142902	1824	3405	$\frac{5}{227}$	$\frac{37}{227}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3405}\ \Phi_{15}^{2}$
142903	1824	1365	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1365}^{2}\ \Phi_{455}^{2}\ \Phi_{105}\ \Phi_{35}^{2}$
142904	1824	525	$\frac{1}{25}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{525}^{4}\ \Phi_{175}^{4}\ \Phi_{105}^{3}\ \Phi_{35}^{3}\ \Phi_{25}^{4}\ \Phi_{21}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
142905	1824	3405	$\frac{11}{227}$	$\frac{18}{227}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3405}\ \Phi_{15}^{2}$
142906	1824	780	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{780}^{4}\ \Phi_{390}^{4}\ \Phi_{195}^{3}\ \Phi_{156}^{4}\ \Phi_{78}^{4}\ \Phi_{39}^{4}$
142907	1824	3570	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1}{3}$	$\Phi_{3570}\ \Phi_{1785}\ \Phi_{510}\ \Phi_{255}\ \Phi_{51}$
142908	1824	1017	$\frac{5}{113}$	$\frac{1}{9}$	$\frac{18}{113}$	$\frac{1}{3}$	$\Phi_{1017}^{2}\ \Phi_{339}\ \Phi_{113}^{2}\ \Phi_{9}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
142909	1824	2739	$\frac{43}{913}$	$\frac{96}{913}$	$\frac{145}{913}$	$\frac{1}{3}$	$\Phi_{2739}\ \Phi_{249}\ \Phi_{33}$
142910	1824	399	$\frac{1}{19}$	$\frac{2}{21}$	$\frac{3}{19}$	$\frac{1}{3}$	$\Phi_{399}^{5}\ \Phi_{133}^{5}\ \Phi_{21}^{6}\ \Phi_{19}^{5}\ \Phi_{7}^{6}\ \Phi_{1}^{6}$
142911	1824	249	$\frac{5}{83}$	$\frac{7}{83}$	$\frac{13}{83}$	$\frac{1}{3}$	$\Phi_{249}^{11}\ \Phi_{3}^{10}$
142912	1824	585	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{7}{45}$	$\frac{1}{3}$	$\Phi_{585}^{4}\ \Phi_{195}^{2}\ \Phi_{117}^{4}\ \Phi_{65}^{2}\ \Phi_{39}^{3}\ \Phi_{13}^{2}$
142913	1824	2820	$\frac{1}{20}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{3}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{705}\ \Phi_{564}\ \Phi_{282}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
142914	1824	2739	$\frac{41}{913}$	$\frac{109}{913}$	$\frac{134}{913}$	$\frac{1}{3}$	$\Phi_{2739}\ \Phi_{249}\ \Phi_{33}$
142915	1824	3171	$\frac{7}{151}$	$\frac{18}{151}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{3171}\ \Phi_{21}^2$
142916	1824	1260	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{14}^2$
142917	1824	357	$\frac{1}{17}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{357}^5\ \Phi_{119}^6\ \Phi_{51}^6\ \Phi_{17}^6$
142918	1824	2145	$\frac{1}{13}$	$\frac{13}{165}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{429}\ \Phi_{143}\ \Phi_{39}$
142919	1824	249	$\frac{6}{83}$	$\frac{7}{83}$	$\frac{11}{83}$	$\frac{1}{3}$	$\Phi_{249}^{11}\ \Phi_{3}^{10}$
142920	1824	3264	$\frac{1}{17}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{3264}\ \Phi_{1632}\ \Phi_{816}\ \Phi_{51}$
142921	1824	1995	$\frac{7}{95}$	$\frac{2}{21}$	$\frac{11}{95}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{133}\ \Phi_{105}\ \Phi_{95}\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{19}\ \Phi_{7}^2\ \Phi_{5}\ \Phi_{1}^2$
142922	1824	819	$\frac{1}{13}$	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{819}^3\ \Phi_{273}^2\ \Phi_{117}\ \Phi_{91}^2\ \Phi_{39}$
142923	1824	3132	$\frac{1}{87}$	$\frac{175}{783}$	$\frac{1}{4}$	$\frac{86}{261}$	$\Phi_{3132}\ \Phi_{1566}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{108}\ \Phi_{58}\ \Phi_{54}\ \Phi_{12}\ \Phi_{6}$
142924	1824	565	$\frac{2}{113}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{37}{113}$	$\Phi_{565}^3\ \Phi_{113}^4\ \Phi_{5}^6\ \Phi_{1}^8$
142925	1824	3612	$\frac{6}{301}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{295}{903}$	$\Phi_{3612}\ \Phi_{1806}\ \Phi_{516}\ \Phi_{258}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
142926	1824	1823	$\frac{38}{1823}$	$\frac{307}{1823}$	$\frac{379}{1823}$	$\frac{595}{1823}$	$\Phi_{1823}\ \Phi_{1}^2$
142927	1824	2565	$\frac{2}{95}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{31}{95}$	$\Phi_{2565}\ \Phi_{513}\ \Phi_{135}\ \Phi_{95}\ \Phi_{27}^2\ \Phi_{19}\ \Phi_{5}\ \Phi_{1}^2$
142928	1824	2280	$\frac{2}{95}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{31}{95}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{456}\ \Phi_{380}\ \Phi_{228}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{19}\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
142929	1824	2285	$\frac{10}{457}$	$\frac{77}{457}$	$\frac{1}{5}$	$\frac{149}{457}$	Φ_{2285}
142930	1824	1575	$\frac{2}{75}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{73}{225}$	$\Phi_{1575}^2\ \Phi_{315}^2\ \Phi_{63}^2\ \Phi_{35}$
142931	1824	868	$\frac{1}{28}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{9}{28}$	$\Phi_{868}^2\ \Phi_{434}^2\ \Phi_{217}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}^3\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_{7}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
142932	1824	1260	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{9}{28}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{15}^3$
142933	1824	1823	$\frac{74}{1823}$	$\frac{155}{1823}$	$\frac{417}{1823}$	$\frac{583}{1823}$	$\Phi_{1823}\ \Phi_{1}^2$
142934	1824	2061	$\frac{10}{229}$	$\frac{1}{9}$	$\frac{39}{229}$	$\frac{73}{229}$	$\Phi_{2061}\ \Phi_{687}$
142935	1824	1823	$\frac{86}{1823}$	$\frac{189}{1823}$	$\frac{311}{1823}$	$\frac{579}{1823}$	$\Phi_{1823}\ \Phi_{1}^2$
142936	1824	2285	$\frac{22}{457}$	$\frac{39}{457}$	$\frac{1}{5}$	$\frac{145}{457}$	Φ_{2285}
142937	1824	1764	$\frac{1}{21}$	$\frac{10}{147}$	$\frac{1}{4}$	$\frac{137}{441}$	$\Phi_{1764}^2\ \Phi_{882}^2\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{18}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
142938	1824	935	$\frac{1}{17}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{17}{55}$	$\Phi_{935}^2\ \Phi_{187}^2\ \Phi_{85}^3\ \Phi_{17}^2$
142939	1824	575	$\frac{1}{25}$	$\frac{2}{23}$	$\frac{6}{25}$	$\frac{7}{23}$	$\Phi_{575}^3\ \Phi_{115}^3\ \Phi_{25}^6\ \Phi_{23}^4\ \Phi_{5}^6\ \Phi_{1}^8$
142940	1824	460	$\frac{1}{20}$	$\frac{2}{23}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{460}^4\ \Phi_{230}^4\ \Phi_{115}^3\ \Phi_{92}^4\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{20}^8\ \Phi_{10}^8\ \Phi_{5}^6\ \Phi_{4}^8\ \Phi_{2}^8\ \Phi_{1}^8$
142941	1824	1035	$\frac{1}{15}$	$\frac{2}{23}$	$\frac{7}{45}$	$\frac{7}{23}$	$\Phi_{1035}^2\ \Phi_{345}\ \Phi_{207}^2\ \Phi_{115}\ \Phi_{69}\ \Phi_{45}^4\ \Phi_{23}^2\ \Phi_{15}^2\ \Phi_{9}^4\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
142942	1824	2475	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{2475}\ \Phi_{495}\ \Phi_{275}\ \Phi_{225}\ \Phi_{55}\ \Phi_{45}$
142943	1824	1823	$\frac{67}{1823}$	$\frac{173}{1823}$	$\frac{439}{1823}$	$\frac{550}{1823}$	$\Phi_{1823}\ \Phi_{1}^2$
142944	1824	1740	$\frac{1}{29}$	$\frac{14}{145}$	$\frac{1}{4}$	$\frac{131}{435}$	$\Phi_{1740}^2\ \Phi_{870}^2\ \Phi_{348}^2\ \Phi_{174}^2\ \Phi_{116}\ \Phi_{60}^2\ \Phi_{58}\ \Phi_{30}^2\ \Phi_{12}^2\ \Phi_{6}^2$
142945	1824	1940	$\frac{1}{20}$	$\frac{10}{97}$	$\frac{17}{97}$	$\frac{29}{97}$	$\Phi_{1940}\ \Phi_{970}\ \Phi_{485}\ \Phi_{388}\ \Phi_{194}$
142946	1824	1188	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{1188}^3\ \Phi_{594}^3\ \Phi_{132}\ \Phi_{108}^2\ \Phi_{66}\ \Phi_{54}^2\ \Phi_{44}\ \Phi_{22}\ \Phi_{12}\ \Phi_{6}$
142947	1824	2565	$\frac{3}{95}$	$\frac{1}{9}$	$\frac{23}{95}$	$\frac{8}{27}$	$\Phi_{2565}\ \Phi_{513}\ \Phi_{135}\ \Phi_{95}\ \Phi_{27}^2\ \Phi_{19}\ \Phi_{5}\ \Phi_{1}^2$
142948	1824	675	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{675}^4\ \Phi_{135}^3\ \Phi_{27}^4\ \Phi_{25}^4\ \Phi_{5}^3\ \Phi_{1}^4$
142949	1824	513	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{3}{19}$	$\frac{8}{27}$	$\Phi_{513}^5\ \Phi_{27}^6\ \Phi_{19}^5\ \Phi_{1}^6$
142950	1824	3213	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{27}$	$\Phi_{3213}\ \Phi_{119}$
142951	1824	2565	$\frac{7}{95}$	$\frac{1}{9}$	$\frac{11}{95}$	$\frac{8}{27}$	$\Phi_{2565}\ \Phi_{513}\ \Phi_{135}\ \Phi_{95}\ \Phi_{27}^2\ \Phi_{19}\ \Phi_{5}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
142952	1824	351	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{351}^{8}\ \Phi_{117}\ \Phi_{39}$
142953	1824	1823	$\frac{79}{1823}$	$\frac{218}{1823}$	$\frac{322}{1823}$	$\frac{535}{1823}$	$\Phi_{1823}\ \Phi_{1}^{2}$
142954	1824	2285	$\frac{17}{457}$	$\frac{55}{457}$	$\frac{1}{5}$	$\frac{134}{457}$	Φ_{2285}
142955	1824	273	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{273}^{7}\ \Phi_{91}^{7}\ \Phi_{39}^{6}\ \Phi_{21}^{4}\ \Phi_{13}^{6}\ \Phi_{7}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
142956	1824	525	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{525}^{5}\ \Phi_{175}\ \Phi_{105}^{4}\ \Phi_{75}^{5}\ \Phi_{35}\ \Phi_{21}^{4}\ \Phi_{15}^{4}\ \Phi_{3}^{4}$
142957	1824	1661	$\frac{3}{151}$	$\frac{2}{11}$	$\frac{37}{151}$	$\frac{3}{11}$	$\Phi_{1661}\ \Phi_{151}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
142958	1824	2145	$\frac{1}{39}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{195}^{2}\ \Phi_{165}\ \Phi_{65}^{2}\ \Phi_{15}^{2}$
142959	1824	1661	$\frac{7}{151}$	$\frac{18}{151}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1661}\ \Phi_{151}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
142960	1824	1980	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{198}\ \Phi_{180}^{2}\ \Phi_{165}\ \Phi_{132}\ \Phi_{90}^{2}\ \Phi_{66}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
142961	1824	1823	$\frac{35}{1823}$	$\frac{344}{1823}$	$\frac{447}{1823}$	$\frac{493}{1823}$	$\Phi_{1823}\ \Phi_{1}^{2}$
142962	1824	315	$\frac{11}{315}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{315}^{6}\ \Phi_{105}^{5}\ \Phi_{63}^{6}\ \Phi_{45}^{6}\ \Phi_{35}^{6}\ \Phi_{21}^{5}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
142963	1824	1911	$\frac{1}{39}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{1911}\ \Phi_{637}\ \Phi_{273}\ \Phi_{147}\ \Phi_{91}\ \Phi_{21}$
142964	1824	1823	$\frac{71}{1823}$	$\frac{219}{1823}$	$\frac{401}{1823}$	$\frac{474}{1823}$	$\Phi_{1823}\ \Phi_{1}^{2}$
142965	1824	1940	$\frac{1}{20}$	$\frac{9}{97}$	$\frac{22}{97}$	$\frac{25}{97}$	$\Phi_{1940}\ \Phi_{970}\ \Phi_{485}\ \Phi_{388}\ \Phi_{194}$
142966	1824	663	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{4}{17}$	$\frac{13}{51}$	$\Phi_{663}^{4}\ \Phi_{221}\ \Phi_{39}^{4}$
142967	1824	1823	$\frac{87}{1823}$	$\frac{170}{1823}$	$\frac{434}{1823}$	$\frac{463}{1823}$	$\Phi_{1823}\ \Phi_{1}^{2}$
142968	1824	2061	$\frac{9}{229}$	$\frac{1}{9}$	$\frac{55}{229}$	$\frac{58}{229}$	$\Phi_{2061}\ \Phi_{687}$
142969	1824	1823	$\frac{39}{1823}$	$\frac{341}{1823}$	$\frac{446}{1823}$	$\frac{459}{1823}$	$\Phi_{1823}\ \Phi_{1}^{2}$
142970	1824	2285	$\frac{9}{457}$	$\frac{1}{5}$	$\frac{112}{457}$	$\frac{115}{457}$	Φ_{2285}
142971	1824	3020	$\frac{3}{151}$	$\frac{1}{5}$	$\frac{37}{151}$	$\frac{1}{4}$	$\Phi_{3020}\ \Phi_{1510}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
142972	1824	2436	$\frac{13}{609}$	$\frac{115}{609}$	$\frac{149}{609}$	$\frac{1}{4}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{812}\ \Phi_{406}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{84}\ \Phi_{58}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
142973	1824	348	$\frac{1}{29}$	$\frac{11}{87}$	$\frac{7}{29}$	$\frac{1}{4}$	$\Phi_{348}^{8}\ \Phi_{174}^{8}\ \Phi_{116}^{5}\ \Phi_{58}^{5}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
142974	1824	900	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{6}{25}$	$\frac{1}{4}$	$\Phi_{900}^{3}\ \Phi_{450}^{3}\ \Phi_{300}^{3}\ \Phi_{180}^{3}\ \Phi_{150}^{3}\ \Phi_{90}^{3}\ \Phi_{60}^{3}\ \Phi_{36}^{4}\ \Phi_{30}^{3}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}$
142975	1824	84	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{5}{21}$	$\frac{1}{4}$	$\Phi_{84}^{29}\ \Phi_{42}^{29}\ \Phi_{28}^{29}\ \Phi_{14}^{29}\ \Phi_{12}^{29}\ \Phi_{6}^{29}\ \Phi_{4}^{28}\ \Phi_{2}^{28}$
142976	1824	620	$\frac{1}{20}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{4}$	$\Phi_{620}^{3}\ \Phi_{310}^{3}\ \Phi_{155}^{3}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{31}^{3}\ \Phi_{20}^{6}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
142977	1824	2436	$\frac{25}{609}$	$\frac{73}{609}$	$\frac{134}{609}$	$\frac{1}{4}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{812}\ \Phi_{406}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{84}\ \Phi_{58}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
142978	1824	264	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{264}^{9}\ \Phi_{132}^{4}\ \Phi_{88}^{9}\ \Phi_{66}^{7}\ \Phi_{44}^{4}\ \Phi_{33}^{6}\ \Phi_{24}^{6}\ \Phi_{22}^{7}\ \Phi_{12}^{3}\ \Phi_{11}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
142979	1824	780	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{780}^{3}\ \Phi_{390}^{3}\ \Phi_{260}^{3}\ \Phi_{156}^{4}\ \Phi_{130}^{3}\ \Phi_{78}^{4}\ \Phi_{60}^{3}\ \Phi_{52}^{4}\ \Phi_{30}^{3}\ \Phi_{26}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}$
142980	1824	3020	$\frac{7}{151}$	$\frac{18}{151}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{3020}\ \Phi_{1510}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
142981	1824	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{60}^{11}\ \Phi_{45}^{12}\ \Phi_{36}^{12}\ \Phi_{30}^{11}\ \Phi_{18}^{12}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_{9}^{12}\ \Phi_{6}^{12}\ \Phi_{3}^{12}$
142982	1824	2900	$\frac{1}{29}$	$\frac{117}{725}$	$\frac{28}{145}$	$\frac{1}{4}$	$\Phi_{2900}\ \Phi_{1450}\ \Phi_{116}\ \Phi_{100}\ \Phi_{58}\ \Phi_{50}$
142983	1824	2940	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{127}{735}$	$\frac{1}{4}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{980}\ \Phi_{490}\ \Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
142984	1824	180	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{7}{45}$	$\frac{1}{4}$	$\Phi_{180}^{13}\ \Phi_{90}^{13}\ \Phi_{60}^{14}\ \Phi_{36}^{14}\ \Phi_{30}^{14}\ \Phi_{20}^{14}\ \Phi_{18}^{14}\ \Phi_{12}^{15}\ \Phi_{10}^{14}\ \Phi_{6}^{15}\ \Phi_{4}^{14}\ \Phi_{2}^{14}$
142985	1824	420	$\frac{3}{35}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{420}^{7}\ \Phi_{210}^{7}\ \Phi_{140}^{5}\ \Phi_{84}^{4}\ \Phi_{70}^{5}\ \Phi_{60}^{7}\ \Phi_{42}^{4}\ \Phi_{30}^{7}\ \Phi_{28}^{3}\ \Phi_{20}^{5}\ \Phi_{14}^{3}\ \Phi_{12}^{4}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
142986	1824	348	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{11}{87}$	$\frac{1}{4}$	$\Phi_{348}^{7}\ \Phi_{174}^{7}\ \Phi_{116}^{7}\ \Phi_{58}^{7}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
142987	1824	2280	$\frac{3}{95}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{23}{95}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{456}\ \Phi_{380}\ \Phi_{228}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{19}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
142988	1824	575	$\frac{1}{25}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{6}{25}$	$\Phi_{575}^{3}\ \Phi_{115}^{3}\ \Phi_{25}^{6}\ \Phi_{23}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
142989	1824	175	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{6}{25}$	$\Phi_{175}^{12}\ \Phi_{35}^{13}\ \Phi_{7}^{12}$
142990	1824	1823	$\frac{75}{1823}$	$\frac{231}{1823}$	$\frac{398}{1823}$	$\frac{437}{1823}$	$\Phi_{1823}\ \Phi_{1}^{2}$
142991	1824	2135	$\frac{13}{305}$	$\frac{1}{7}$	$\frac{58}{305}$	$\frac{73}{305}$	$\Phi_{2135}\ \Phi_{427}\ \Phi_{35}$
142992	1824	1823	$\frac{83}{1823}$	$\frac{246}{1823}$	$\frac{347}{1823}$	$\frac{435}{1823}$	$\Phi_{1823}\ \Phi_{1}^{2}$
142993	1824	2285	$\frac{21}{457}$	$\frac{58}{457}$	$\frac{1}{5}$	$\frac{109}{457}$	Φ_{2285}
142994	1824	2170	$\frac{1}{14}$	$\frac{3}{31}$	$\frac{13}{70}$	$\frac{7}{31}$	$\Phi_{2170}\ \Phi_{1085}\ \Phi_{310}\ \Phi_{155}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{31}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
142995	1824	651	$\frac{2}{21}$	$\frac{3}{31}$	$\frac{1}{7}$	$\frac{7}{31}$	$\Phi_{651}^{3}\ \Phi_{217}^{2}\ \Phi_{93}^{3}\ \Phi_{31}^{3}\ \Phi_{21}^{6}\ \Phi_{7}^{4}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
142996	1824	1984	$\frac{3}{31}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{7}{31}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{496}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{31}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
142997	1824	585	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{7}{45}$	$\frac{2}{9}$	$\Phi_{585}^{4}\ \Phi_{195}^{4}\ \Phi_{117}\ \Phi_{65}^{4}\ \Phi_{39}$
142998	1824	460	$\frac{1}{20}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{5}{23}$	$\Phi_{460}^{4}\ \Phi_{230}^{4}\ \Phi_{115}^{3}\ \Phi_{92}^{4}\ \Phi_{46}^{4}\ \Phi_{23}^{4}\ \Phi_{20}^{8}\ \Phi_{10}^{8}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
142999	1824	391	$\frac{1}{17}$	$\frac{3}{23}$	$\frac{4}{23}$	$\frac{5}{23}$	$\Phi_{391}^{5}\ \Phi_{17}^{4}$
143000	1824	1035	$\frac{1}{15}$	$\frac{3}{23}$	$\frac{7}{45}$	$\frac{5}{23}$	$\Phi_{1035}^{2}\ \Phi_{345}\ \Phi_{207}^{2}\ \Phi_{115}\ \Phi_{69}\ \Phi_{45}^{4}\ \Phi_{23}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
143001	1824	1940	$\frac{1}{20}$	$\frac{13}{97}$	$\frac{19}{97}$	$\frac{21}{97}$	$\Phi_{1940}\ \Phi_{970}\ \Phi_{485}\ \Phi_{388}\ \Phi_{194}$
143002	1824	1823	$\frac{77}{1823}$	$\frac{291}{1823}$	$\frac{360}{1823}$	$\frac{383}{1823}$	$\Phi_{1823}\ \Phi_{1}^{2}$
143003	1824	2285	$\frac{19}{457}$	$\frac{73}{457}$	$\frac{1}{5}$	$\frac{96}{457}$	Φ_{2285}
143004	1824	600	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{600}^{4}\ \Phi_{300}^{4}\ \Phi_{200}^{4}\ \Phi_{120}^{3}\ \Phi_{100}^{4}\ \Phi_{60}^{3}\ \Phi_{40}^{3}\ \Phi_{25}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{3}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
143005	1824	456	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{456}^{5}\ \Phi_{228}^{5}\ \Phi_{152}^{5}\ \Phi_{76}^{5}\ \Phi_{24}^{6}\ \Phi_{19}^{5}\ \Phi_{12}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{1}^{6}$
143006	1824	2856	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{952}\ \Phi_{476}\ \Phi_{119}$
143007	1824	2280	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{456}\ \Phi_{380}\ \Phi_{228}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{19}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
143008	1824	936	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{936}^{3}\ \Phi_{468}^{3}\ \Phi_{312}^{2}\ \Phi_{156}^{2}\ \Phi_{117}\ \Phi_{104}^{2}\ \Phi_{52}^{2}\ \Phi_{39}$
143009	1824	565	$\frac{5}{113}$	$\frac{18}{113}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{565}^{3}\ \Phi_{113}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
143010	1824	140	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{140}^{16}\ \Phi_{70}^{16}\ \Phi_{35}^{13}\ \Phi_{28}^{16}\ \Phi_{14}^{16}\ \Phi_{7}^{12}$
143011	1824	2625	$\frac{4}{75}$	$\frac{1}{7}$	$\frac{71}{375}$	$\frac{1}{5}$	$\Phi_{2625}\ \Phi_{875}\ \Phi_{35}$
143012	1824	630	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{70}$	$\frac{1}{5}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}^{3}\ \Phi_{126}^{4}\ \Phi_{105}^{3}\ \Phi_{90}^{3}\ \Phi_{63}^{4}\ \Phi_{45}^{4}\ \Phi_{42}^{4}\ \Phi_{30}^{3}\ \Phi_{21}^{4}\ \Phi_{18}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}$
143013	1824	2275	$\frac{21}{325}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{2275}\ \Phi_{455}\ \Phi_{91}\ \Phi_{35}$
143014	1824	315	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{7}{45}$	$\frac{1}{5}$	$\Phi_{315}^{8}\ \Phi_{105}^{4}\ \Phi_{63}^{8}\ \Phi_{35}^{5}\ \Phi_{21}^{4}\ \Phi_{7}^{4}$
143015	1824	1155	$\frac{13}{165}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{1155}^{2}\ \Phi_{385}^{2}\ \Phi_{231}^{2}\ \Phi_{77}^{2}\ \Phi_{35}$
143016	1824	175	$\frac{2}{25}$	$\frac{23}{175}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{175}^{10}\ \Phi_{35}^{11}\ \Phi_{25}^{12}\ \Phi_{7}^{10}\ \Phi_{5}^{12}\ \Phi_{1}^{12}$
143017	1824	315	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{315}^{8}\ \Phi_{105}^{5}\ \Phi_{45}^{9}\ \Phi_{35}^{6}\ \Phi_{15}^{6}\ \Phi_{5}^{6}$
143018	1824	2880	$\frac{7}{64}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{5}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{960}\ \Phi_{720}\ \Phi_{480}\ \Phi_{240}\ \Phi_{45}\ \Phi_{15}$
143019	1825	728	$\frac{1}{364}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{363}{728}$	$\Phi_{728}\ \Phi_{364}^{4}\ \Phi_{182}^{4}\ \Phi_{104}\ \Phi_{91}^{4}\ \Phi_{56}\ \Phi_{52}^{4}\ \Phi_{28}^{4}\ \Phi_{26}^{4}\ \Phi_{14}^{4}\ \Phi_{13}^{4}\ \Phi_{8}^{2}\ \Phi_{7}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
143020	1825	2436	$\frac{2}{609}$	$\frac{611}{2436}$	$\frac{1}{3}$	$\frac{607}{1218}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{609}\ \Phi_{348}\ \Phi_{203}\ \Phi_{116}\ \Phi_{87}\ \Phi_{84}\ \Phi_{29}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
143021	1825	3636	$\frac{7}{1818}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1811}{3636}$	$\Phi_{3636}\ \Phi_{1212}\ \Phi_{404}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
143022	1825	726	$\frac{2}{363}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{361}{726}$	$\Phi_{726}^{2}\ \Phi_{363}^{3}\ \Phi_{242}^{2}\ \Phi_{121}^{3}\ \Phi_{66}^{2}\ \Phi_{33}^{3}\ \Phi_{22}^{2}\ \Phi_{11}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
143023	1825	2088	$\frac{2}{261}$	$\frac{263}{2088}$	$\frac{1}{3}$	$\frac{259}{522}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{348}\ \Phi_{261}\ \Phi_{232}\ \Phi_{116}\ \Phi_{87}\ \Phi_{72}\ \Phi_{36}\ \Phi_{29}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
143024	1825	1464	$\frac{1}{122}$	$\frac{1}{6}$	$\frac{123}{488}$	$\frac{121}{244}$	$\Phi_{1464}^{2}\ \Phi_{488}\ \Phi_{366}^{2}\ \Phi_{183}^{2}\ \Phi_{122}\ \Phi_{61}\ \Phi_{24}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
143025	1825	3456	$\frac{1}{96}$	$\frac{97}{1728}$	$\frac{1631}{3456}$	$\frac{95}{192}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_1$
143026	1825	2304	$\frac{1}{96}$	$\frac{97}{576}$	$\frac{479}{2304}$	$\frac{95}{192}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_1$
143027	1825	3612	$\frac{19}{1806}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1787}{3612}$	$\Phi_{3612}\ \Phi_{1204}\ \Phi_{516}\ \Phi_{172}\ \Phi_{84}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
143028	1825	2196	$\frac{5}{366}$	$\frac{1}{6}$	$\frac{371}{2196}$	$\frac{361}{732}$	$\Phi_{2196}\ \Phi_{1098}\ \Phi_{549}\ \Phi_{366}\ \Phi_{183}\ \Phi_{122}\ \Phi_{61}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
143029	1825	144	$\frac{1}{72}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{71}{144}$	$\Phi_{144}\ \Phi_{72}^{24}\ \Phi_{48}^{2}\ \Phi_{36}^{24}\ \Phi_{24}^{24}\ \Phi_{18}^{24}\ \Phi_{16}^{2}\ \Phi_{12}^{24}\ \Phi_9^{24}\ \Phi_8^{24}\ \Phi_6^{24}\ \Phi_4^{24}\ \Phi_3^{24}\ \Phi_2^{24}\ \Phi_1^{25}$
143030	1825	432	$\frac{1}{72}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{71}{144}$	$\Phi_{432}^{9}\ \Phi_{144}^{7}\ \Phi_{48}^{7}\ \Phi_{27}\ \Phi_{16}^{7}\ \Phi_9\ \Phi_1$
143031	1825	144	$\frac{1}{72}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{71}{144}$	$\Phi_{144}^{25}\ \Phi_{48}^{25}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}^{25}\ \Phi_9\ \Phi_1$
143032	1825	1008	$\frac{1}{72}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{71}{144}$	$\Phi_{1008}^{4}\ \Phi_{336}^{4}\ \Phi_{144}\ \Phi_{112}^{4}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
143033	1825	288	$\frac{1}{72}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{71}{144}$	$\Phi_{288}^{8}\ \Phi_{144}\ \Phi_{96}^{8}\ \Phi_{72}^{8}\ \Phi_{48}\ \Phi_{36}^{8}\ \Phi_{32}^{9}\ \Phi_{24}^{8}\ \Phi_{18}^{8}\ \Phi_{16}^{2}\ \Phi_{12}^{8}\ \Phi_9^{8}\ \Phi_8^{8}\ \Phi_6^{8}\ \Phi_4^{8}\ \Phi_3^{8}\ \Phi_2^{8}\ \Phi_1^{9}$
143034	1825	144	$\frac{1}{72}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{71}{144}$	$\Phi_{144}^{25}\ \Phi_{48}^{25}\ \Phi_{16}^{25}\ \Phi_6^{4}\ \Phi_3^{4}\ \Phi_2^{4}\ \Phi_1^{5}$
143035	1825	2448	$\frac{11}{612}$	$\frac{1}{12}$	$\frac{623}{2448}$	$\frac{601}{1224}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{612}\ \Phi_{306}\ \Phi_{272}\ \Phi_{204}\ \Phi_{153}\ \Phi_{144}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{16}\ \Phi_9\ \Phi_1$
143036	1825	3584	$\frac{33}{1792}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{1759}{3584}$	$\Phi_{3584}\ \Phi_{512}\ \Phi_{64}\ \Phi_1$
143037	1825	1914	$\frac{2}{87}$	$\frac{89}{1914}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{1914}\ \Phi_{957}\ \Phi_{638}\ \Phi_{319}\ \Phi_{87}\ \Phi_{66}\ \Phi_{33}\ \Phi_{29}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
143038	1825	2688	$\frac{1}{32}$	$\frac{33}{896}$	$\frac{863}{2688}$	$\frac{31}{64}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
143039	1825	384	$\frac{1}{32}$	$\frac{19}{384}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{384}^{5}\ \Phi_{192}^{5}\ \Phi_{128}^{4}\ \Phi_{96}^{5}\ \Phi_{64}^{5}\ \Phi_{48}^{5}\ \Phi_{32}^{4}\ \Phi_{24}^{5}\ \Phi_{16}^{4}\ \Phi_{12}^{5}\ \Phi_8^{4}\ \Phi_6^{5}\ \Phi_4^{4}\ \Phi_3^{5}\ \Phi_2^{4}\ \Phi_1^{5}$
143040	1825	448	$\frac{1}{32}$	$\frac{33}{448}$	$\frac{83}{448}$	$\frac{31}{64}$	$\Phi_{448}^{4}\ \Phi_{224}^{4}\ \Phi_{112}^{4}\ \Phi_{64}^{5}\ \Phi_{56}^{4}\ \Phi_{32}^{4}\ \Phi_{28}^{4}\ \Phi_{16}^{4}\ \Phi_{14}^{4}\ \Phi_8^{4}\ \Phi_7^{4}\ \Phi_4^{4}\ \Phi_2^{4}\ \Phi_1^{5}$
143041	1825	2048	$\frac{1}{32}$	$\frac{223}{2048}$	$\frac{33}{256}$	$\frac{31}{64}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{512}\ \Phi_{64}\ \Phi_1$
143042	1825	378	$\frac{2}{63}$	$\frac{13}{378}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{378}^{5}\ \Phi_{189}^{5}\ \Phi_{126}^{4}\ \Phi_{63}^{5}\ \Phi_{54}^{5}\ \Phi_{42}^{4}\ \Phi_{27}^{5}\ \Phi_{21}^{5}\ \Phi_{18}^{4}\ \Phi_{14}^{4}\ \Phi_9^{5}\ \Phi_7^{5}\ \Phi_6^{4}\ \Phi_3^{4}\ \Phi_2^{4}\ \Phi_1^{5}$
143043	1825	3528	$\frac{2}{63}$	$\frac{61}{1764}$	$\frac{1}{3}$	$\frac{1703}{3528}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{392}\ \Phi_{168}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{24}\ \Phi_{21}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
143044	1825	704	$\frac{13}{352}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{339}{704}$	$\Phi_{704}^{5}\ \Phi_{64}^{5}\ \Phi_{16}^{4}\ \Phi_8^{4}\ \Phi_4^{4}\ \Phi_2^{4}\ \Phi_1^{5}$
143045	1825	2208	$\frac{15}{368}$	$\frac{1}{16}$	$\frac{383}{2208}$	$\frac{353}{736}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{96}\ \Phi_{92}\ \Phi_{69}\ \Phi_{48}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
143046	1825	1200	$\frac{2}{75}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{1200}^{3}\ \Phi_{400}^{3}\ \Phi_{240}^{3}\ \Phi_{80}^{3}\ \Phi_{75}\ \Phi_{48}\ \Phi_{25}\ \Phi_{16}\ \Phi_{15}\ \Phi_5\ \Phi_1$
143047	1825	432	$\frac{1}{36}$	$\frac{1}{24}$	$\frac{35}{108}$	$\frac{23}{48}$	$\Phi_{432}^{12}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
143048	1825	912	$\frac{3}{76}$	$\frac{1}{24}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{912}^{4}\ \Phi_{304}^{4}\ \Phi_{76}\ \Phi_{48}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
143049	1825	96	$\frac{1}{24}$	$\frac{1}{24}$	$\frac{23}{96}$	$\frac{23}{48}$	$\Phi_{96}^{25}\ \Phi_{48}^{2}\ \Phi_{32}^{25}\ \Phi_{24}^{24}\ \Phi_{16}^{2}\ \Phi_{12}^{24}\ \Phi_8^{24}\ \Phi_6^{24}\ \Phi_4^{24}\ \Phi_3^{24}\ \Phi_2^{24}\ \Phi_1^{25}$
143050	1825	720	$\frac{1}{24}$	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{23}{48}$	$\Phi_{720}^{6}\ \Phi_{240}^{6}\ \Phi_{90}\ \Phi_{80}^{6}\ \Phi_{48}\ \Phi_{45}\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
143051	1825	624	$\frac{1}{24}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{23}{48}$	$\Phi_{624}^{6}\ \Phi_{208}^{6}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
143052	1825	336	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{23}{48}$	$\Phi_{336}^{12}\ \Phi_{112}^{12}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
143053	1825	240	$\frac{1}{24}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{23}{48}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}^{9}\ \Phi_{60}^{8}\ \Phi_{48}\ \Phi_{40}^{9}\ \Phi_{30}^{8}\ \Phi_{24}^{8}\ \Phi_{20}^{9}\ \Phi_{16}^{2}\ \Phi_{15}^{8}\ \Phi_{12}^{8}\ \Phi_{10}^{9}\ \Phi_8^{8}\ \Phi_6^{8}\ \Phi_5^{9}\ \Phi_4^{8}\ \Phi_3^{8}\ \Phi_2^{8}\ \Phi_1^{9}$
143054	1825	1296	$\frac{1}{24}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{23}{48}$	$\Phi_{1296}^{3}\ \Phi_{432}^{3}\ \Phi_{81}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
143055	1825	696	$\frac{2}{87}$	$\frac{17}{348}$	$\frac{1}{3}$	$\frac{331}{696}$	$\Phi_{696}^{5}\ \Phi_{232}^{5}\ \Phi_{87}\ \Phi_{29}\ \Phi_{24}^{5}\ \Phi_8^{5}\ \Phi_1$
143056	1825	408	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{43}{408}$	$\frac{193}{408}$	$\Phi_{408}^{4}\ \Phi_{204}^{5}\ \Phi_{136}^{4}\ \Phi_{102}^{5}\ \Phi_{68}^{5}\ \Phi_{51}^{5}\ \Phi_{34}^{5}\ \Phi_{24}^{4}\ \Phi_{17}^{5}\ \Phi_{12}^{4}\ \Phi_8^{4}\ \Phi_6^{4}\ \Phi_4^{4}\ \Phi_3^{4}\ \Phi_2^{4}\ \Phi_1^{5}$
143057	1825	3456	$\frac{1}{48}$	$\frac{97}{1728}$	$\frac{47}{144}$	$\frac{1631}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
143058	1825	3456	$\frac{97}{1728}$	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1631}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
143059	1825	684	$\frac{1}{57}$	$\frac{23}{342}$	$\frac{56}{171}$	$\frac{319}{684}$	$\Phi_{684}^{5}\ \Phi_{228}^{5}\ \Phi_{171}\ \Phi_{76}^{5}\ \Phi_{36}^{5}\ \Phi_{12}^{5}\ \Phi_9\ \Phi_4^{5}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
143060	1825	684	$\frac{2}{57}$	$\frac{23}{342}$	$\frac{11}{57}$	$\frac{319}{684}$	$\Phi_{684}^5\ \Phi_{228}^5\ \Phi_{76}^5\ \Phi_{57}^2\ \Phi_{36}^5\ \Phi_{19}^2\ \Phi_{12}^5\ \Phi_4^5\ \Phi_3^2\ \Phi_1^3$
143061	1825	2496	$\frac{1}{48}$	$\frac{47}{624}$	$\frac{671}{2496}$	$\frac{577}{1248}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{192}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{64}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
143062	1825	672	$\frac{1}{24}$	$\frac{29}{336}$	$\frac{23}{168}$	$\frac{307}{672}$	$\Phi_{672}^5\ \Phi_{224}^5\ \Phi_{168}\ \Phi_{96}^5\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}^5\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
143063	1825	2112	$\frac{1}{24}$	$\frac{23}{264}$	$\frac{287}{2112}$	$\frac{241}{528}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{64}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
143064	1825	2508	$\frac{1}{57}$	$\frac{56}{627}$	$\frac{683}{2508}$	$\frac{571}{1254}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{627}\ \Phi_{228}\ \Phi_{209}\ \Phi_{132}\ \Phi_{76}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
143065	1825	1848	$\frac{23}{1848}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{56}\ \Phi_{44}\ \Phi_{33}\ \Phi_{28}\ \Phi_{24}\ \Phi_{22}\ \Phi_{21}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
143066	1825	1944	$\frac{119}{1944}$	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{216}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
143067	1825	3264	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{193}{1632}$	$\frac{1439}{3264}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{204}\ \Phi_{192}\ \Phi_{102}\ \Phi_{68}\ \Phi_{64}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_1$
143068	1825	2016	$\frac{1}{24}$	$\frac{191}{2016}$	$\frac{23}{168}$	$\frac{145}{336}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
143069	1825	2128	$\frac{1}{38}$	$\frac{37}{266}$	$\frac{303}{2128}$	$\frac{229}{532}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{304}\ \Phi_{266}\ \Phi_{152}\ \Phi_{133}\ \Phi_{112}\ \Phi_{56}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
143070	1825	3192	$\frac{1}{38}$	$\frac{37}{266}$	$\frac{229}{1596}$	$\frac{1367}{3192}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{266}\ \Phi_{168}\ \Phi_{152}\ \Phi_{133}\ \Phi_{56}\ \Phi_{24}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
143071	1825	3168	$\frac{1}{24}$	$\frac{23}{264}$	$\frac{241}{1584}$	$\frac{1343}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
143072	1825	3132	$\frac{2}{261}$	$\frac{259}{1566}$	$\frac{1}{3}$	$\frac{1307}{3132}$	$\Phi_{3132}\ \Phi_{1044}\ \Phi_{348}\ \Phi_{261}\ \Phi_{116}\ \Phi_{108}\ \Phi_{87}\ \Phi_{36}\ \Phi_{29}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
143073	1825	372	$\frac{7}{372}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{372}^5\ \Phi_{186}^5\ \Phi_{124}^5\ \Phi_{93}^5\ \Phi_{62}^5\ \Phi_{31}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
143074	1825	384	$\frac{19}{384}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{384}^5\ \Phi_{192}^5\ \Phi_{128}^5\ \Phi_{96}^5\ \Phi_{64}^5\ \Phi_{48}^5\ \Phi_{24}^5\ \Phi_{16}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^5\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
143075	1825	3072	$\frac{1}{96}$	$\frac{289}{1536}$	$\frac{95}{384}$	$\frac{1247}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{64}\ \Phi_1$
143076	1825	399	$\frac{2}{57}$	$\frac{34}{399}$	$\frac{11}{57}$	$\frac{23}{57}$	$\Phi_{399}^5\ \Phi_{133}^5\ \Phi_{57}^2\ \Phi_{21}^5\ \Phi_{19}^2\ \Phi_7^5\ \Phi_3^2\ \Phi_1^3$
143077	1825	366	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{12}{61}$	$\frac{49}{122}$	$\Phi_{366}^6\ \Phi_{183}^6\ \Phi_{122}\ \Phi_{61}^5\ \Phi_6^5\ \Phi_3^5\ \Phi_1^5$
143078	1825	456	$\frac{1}{76}$	$\frac{15}{76}$	$\frac{91}{456}$	$\frac{61}{152}$	$\Phi_{456}^5\ \Phi_{228}^5\ \Phi_{114}^5\ \Phi_{76}^4\ \Phi_{57}^5\ \Phi_{38}^4\ \Phi_{24}^5\ \Phi_{19}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
143079	1825	608	$\frac{1}{76}$	$\frac{15}{76}$	$\frac{61}{304}$	$\frac{243}{608}$	$\Phi_{608}^5\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{32}^5\ \Phi_{19}^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
143080	1825	1836	$\frac{11}{1836}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{108}\ \Phi_{102}\ \Phi_{68}\ \Phi_{54}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{27}\ \Phi_{17}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
143081	1825	2944	$\frac{15}{368}$	$\frac{1}{16}$	$\frac{353}{1472}$	$\frac{1119}{2944}$	$\Phi_{2944}\ \Phi_{368}\ \Phi_{184}\ \Phi_{128}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_1$
143082	1825	2928	$\frac{5}{366}$	$\frac{1}{6}$	$\frac{361}{1464}$	$\frac{1103}{2928}$	$\Phi_{2928}\ \Phi_{976}\ \Phi_{366}\ \Phi_{183}\ \Phi_{122}\ \Phi_{61}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
143083	1825	2304	$\frac{1}{96}$	$\frac{479}{2304}$	$\frac{95}{384}$	$\frac{289}{768}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
143084	1825	2184	$\frac{1}{182}$	$\frac{1}{4}$	$\frac{181}{546}$	$\frac{3}{8}$	$\Phi_{2184}^2\ \Phi_{546}\ \Phi_{312}^2\ \Phi_{273}\ \Phi_{168}^2\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
143085	1825	368	$\frac{3}{368}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{368}^5\ \Phi_{184}^5\ \Phi_{92}^5\ \Phi_{46}^5\ \Phi_{23}^5\ \Phi_{16}^5\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
143086	1825	728	$\frac{1}{91}$	$\frac{18}{91}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{728}^4\ \Phi_{104}^4\ \Phi_{91}^4\ \Phi_{56}^4\ \Phi_{13}^4\ \Phi_8^5\ \Phi_7^4\ \Phi_1^5$
143087	1825	888	$\frac{1}{74}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{888}^4\ \Phi_{296}^2\ \Phi_{222}^2\ \Phi_{111}^2\ \Phi_{74}\ \Phi_{37}\ \Phi_{24}^2\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
143088	1825	2968	$\frac{6}{371}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2968}\ \Phi_{424}\ \Phi_{371}\ \Phi_{53}\ \Phi_8\ \Phi_1$
143089	1825	416	$\frac{1}{52}$	$\frac{51}{416}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{416}^5\ \Phi_{208}^5\ \Phi_{104}\ \Phi_{52}^4\ \Phi_{32}^5\ \Phi_{26}^4\ \Phi_{16}^5\ \Phi_{13}^4\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
143090	1825	3016	$\frac{12}{377}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3016}\ \Phi_{377}\ \Phi_{232}\ \Phi_{29}\ \Phi_8\ \Phi_1$
143091	1825	1512	$\frac{13}{378}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1512}^2\ \Phi_{504}^2\ \Phi_{378}\ \Phi_{216}^2\ \Phi_{189}\ \Phi_{168}^2\ \Phi_{126}\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
143092	1825	392	$\frac{1}{28}$	$\frac{27}{392}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{392}^5\ \Phi_{196}^5\ \Phi_{98}^5\ \Phi_{56}\ \Phi_{49}^5\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_8^2\ \Phi_7^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
143093	1825	312	$\frac{1}{26}$	$\frac{5}{78}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^{10}\ \Phi_{104}^8\ \Phi_{78}^5\ \Phi_{39}^5\ \Phi_{26}^4\ \Phi_{24}^{10}\ \Phi_{13}^4\ \Phi_8^9\ \Phi_6^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
143094	1825	576	$\frac{1}{96}$	$\frac{19}{96}$	$\frac{77}{288}$	$\frac{211}{576}$	$\Phi_{576}^5\ \Phi_{192}^5\ \Phi_{96}^4\ \Phi_{64}^5\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
143095	1825	1872	$\frac{47}{1872}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{16}\ \Phi_{13}\ \Phi_9\ \Phi_1$
143096	1825	2016	$\frac{1}{48}$	$\frac{191}{2016}$	$\frac{47}{144}$	$\frac{97}{288}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
143097	1825	2052	$\frac{1}{57}$	$\frac{227}{2052}$	$\frac{56}{171}$	$\frac{115}{342}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{513}\ \Phi_{228}\ \Phi_{171}\ \Phi_{108}\ \Phi_{76}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
143098	1825	2736	$\frac{1}{228}$	$\frac{227}{684}$	$\frac{911}{2736}$	$\frac{457}{1368}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{684}\ \Phi_{342}\ \Phi_{304}\ \Phi_{171}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
143099	1825	675	$\frac{2}{75}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{675}^3\ \Phi_{225}^3\ \Phi_{135}^3\ \Phi_{75}\ \Phi_{45}^3\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
143100	1825	2349	$\frac{2}{261}$	$\frac{524}{2349}$	$\frac{259}{783}$	$\frac{1}{3}$	$\Phi_{2349}\ \Phi_{261}\ \Phi_{87}\ \Phi_{81}\ \Phi_{29}\ \Phi_9\ \Phi_1$
143101	1825	2727	$\frac{7}{909}$	$\frac{2}{9}$	$\frac{902}{2727}$	$\frac{1}{3}$	$\Phi_{2727}\ \Phi_{27}\ \Phi_9\ \Phi_1$
143102	1825	2709	$\frac{19}{903}$	$\frac{2}{21}$	$\frac{884}{2709}$	$\frac{1}{3}$	$\Phi_{2709}\ \Phi_{387}\ \Phi_{63}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$
143103	1825	108	$\frac{1}{36}$	$\frac{2}{27}$	$\frac{35}{108}$	$\frac{1}{3}$	$\Phi_{108}^{16}\ \Phi_{54}^{16}\ \Phi_{36}^{18}\ \Phi_{27}^{17}\ \Phi_{18}^{18}\ \Phi_{12}^{18}\ \Phi_9^{19}\ \Phi_6^{18}\ \Phi_4^{18}\ \Phi_3^{18}\ \Phi_2^{18}\ \Phi_1^{19}$
143104	1825	2646	$\frac{2}{63}$	$\frac{61}{882}$	$\frac{821}{2646}$	$\frac{1}{3}$	$\Phi_{2646}\ \Phi_{1323}\ \Phi_{378}\ \Phi_{189}\ \Phi_{63}\ \Phi_{54}\ \Phi_{27}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$
143105	1825	900	$\frac{2}{75}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{900}^3\ \Phi_{450}^3\ \Phi_{225}^3\ \Phi_{180}^3\ \Phi_{90}^3\ \Phi_{75}\ \Phi_{45}^3\ \Phi_{36}\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
143106	1825	522	$\frac{2}{87}$	$\frac{17}{174}$	$\frac{157}{522}$	$\frac{1}{3}$	$\Phi_{522}^5\ \Phi_{261}^5\ \Phi_{87}\ \Phi_{29}\ \Phi_{18}^5\ \Phi_9^5\ \Phi_1$
143107	1825	2100	$\frac{2}{75}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{140}\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{15}\ \Phi_{14}\ \Phi_7\ \Phi_5\ \Phi_1$
143108	1825	2052	$\frac{3}{76}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{513}\ \Phi_{342}\ \Phi_{171}\ \Phi_{76}\ \Phi_{38}\ \Phi_{27}\ \Phi_{19}\ \Phi_9\ \Phi_1$
143109	1825	2088	$\frac{2}{87}$	$\frac{263}{2088}$	$\frac{85}{348}$	$\frac{1}{3}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{522}\ \Phi_{261}\ \Phi_{232}\ \Phi_{87}\ \Phi_{72}\ \Phi_{36}\ \Phi_{29}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
143110	1825	2016	$\frac{2}{63}$	$\frac{191}{2016}$	$\frac{61}{252}$	$\frac{1}{3}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
143111	1825	864	$\frac{1}{24}$	$\frac{2}{27}$	$\frac{23}{96}$	$\frac{1}{3}$	$\Phi_{864}^3\ \Phi_{432}^3\ \Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_9\ \Phi_1$
143112	1825	2400	$\frac{2}{75}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{160}\ \Phi_{80}\ \Phi_{75}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_{15}\ \Phi_5\ \Phi_1$
143113	1825	87	$\frac{2}{87}$	$\frac{14}{87}$	$\frac{17}{87}$	$\frac{1}{3}$	$\Phi_{87}^{21}\ \Phi_{29}^{21}\ \Phi_3^{20}\ \Phi_1^{21}$
143114	1825	270	$\frac{1}{18}$	$\frac{2}{27}$	$\frac{17}{90}$	$\frac{1}{3}$	$\Phi_{270}^9\ \Phi_{135}^9\ \Phi_{90}^7\ \Phi_{45}^7\ \Phi_{30}^7\ \Phi_{27}\ \Phi_{15}^7\ \Phi_{10}^7\ \Phi_9\ \Phi_5^7\ \Phi_1$
143115	1825	441	$\frac{2}{63}$	$\frac{61}{441}$	$\frac{76}{441}$	$\frac{1}{3}$	$\Phi_{441}^4\ \Phi_{147}^4\ \Phi_{63}^5\ \Phi_{49}^4\ \Phi_{21}^5\ \Phi_9^5\ \Phi_7^5\ \Phi_3^4\ \Phi_1^5$
143116	1825	150	$\frac{2}{75}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{150}^{12}\ \Phi_{75}^{13}\ \Phi_{50}^{12}\ \Phi_{30}^{12}\ \Phi_{25}^{13}\ \Phi_{15}^{13}\ \Phi_{10}^{12}\ \Phi_6^4\ \Phi_5^{13}\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
143117	1825	396	$\frac{2}{33}$	$\frac{31}{396}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{396}^5\ \Phi_{198}^5\ \Phi_{132}^5\ \Phi_{99}^5\ \Phi_{66}^2\ \Phi_{44}^5\ \Phi_{36}^5\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_{11}^3\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
143118	1825	702	$\frac{5}{78}$	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{702}^3\ \Phi_{351}^3\ \Phi_{234}^3\ \Phi_{117}^3\ \Phi_{78}\ \Phi_{39}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_9\ \Phi_1$
143119	1825	756	$\frac{2}{27}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{3}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{252}^3\ \Phi_{189}^3\ \Phi_{126}^3\ \Phi_{84}\ \Phi_{63}^3\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
143120	1825	2160	$\frac{2}{27}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{40}\ \Phi_{27}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
143121	1825	81	$\frac{2}{27}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{81}^{25}\ \Phi_{27}^{17}\ \Phi_9^{19}\ \Phi_3^{18}\ \Phi_1^{19}$
143122	1825	513	$\frac{1}{57}$	$\frac{23}{171}$	$\frac{148}{513}$	$\frac{56}{171}$	$\Phi_{513}^5\ \Phi_{171}\ \Phi_{27}^5\ \Phi_9\ \Phi_1$
143123	1825	2592	$\frac{1}{48}$	$\frac{97}{864}$	$\frac{767}{2592}$	$\frac{47}{144}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
143124	1825	432	$\frac{1}{48}$	$\frac{67}{432}$	$\frac{97}{432}$	$\frac{47}{144}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^5\ \Phi_{108}^4\ \Phi_{72}^5\ \Phi_{54}^4\ \Phi_{48}^4\ \Phi_{36}^5\ \Phi_{27}^4\ \Phi_{24}^4\ \Phi_{18}^5\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_9^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
143125	1825	2304	$\frac{1}{48}$	$\frac{97}{576}$	$\frac{479}{2304}$	$\frac{47}{144}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
143126	1825	108	$\frac{1}{36}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{35}{108}$	$\Phi_{108}^{25}\ \Phi_{54}^{25}\ \Phi_{36}\ \Phi_{27}^{25}\ \Phi_{18}\ \Phi_9\ \Phi_1$
143127	1825	756	$\frac{1}{36}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{35}{108}$	$\Phi_{756}^{4}\ \Phi_{378}^{4}\ \Phi_{189}^{4}\ \Phi_{108}\ \Phi_{54}\ \Phi_{28}\ \Phi_{27}\ \Phi_{14}\ \Phi_7\ \Phi_1$
143128	1825	864	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{35}{108}$	$\Phi_{864}^{4}\ \Phi_{432}^{4}\ \Phi_{108}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
143129	1825	108	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{35}{108}$	$\Phi_{108}^{25}\ \Phi_{54}^{25}\ \Phi_{27}^{25}\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
143130	1825	528	$\frac{1}{16}$	$\frac{13}{176}$	$\frac{3}{16}$	$\frac{163}{528}$	$\Phi_{528}^{5}\ \Phi_{264}^{5}\ \Phi_{132}^{5}\ \Phi_{66}^{5}\ \Phi_{48}^{5}\ \Phi_{33}^{5}\ \Phi_{24}^{5}\ \Phi_{16}^{4}\ \Phi_{12}^{5}\ \Phi_8^4\ \Phi_6^5\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
143131	1825	684	$\frac{3}{76}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{684}^{4}\ \Phi_{342}^{4}\ \Phi_{171}^{4}\ \Phi_{76}\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_1$
143132	1825	288	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{23}{96}$	$\frac{11}{36}$	$\Phi_{288}^{12}\ \Phi_{144}^{12}\ \Phi_{96}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
143133	1825	180	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{17}{90}$	$\frac{11}{36}$	$\Phi_{180}^{12}\ \Phi_{90}^{13}\ \Phi_{60}^{12}\ \Phi_{45}^{13}\ \Phi_{36}\ \Phi_{30}^{13}\ \Phi_{20}^{12}\ \Phi_{18}\ \Phi_{15}^{13}\ \Phi_{10}^{13}\ \Phi_9\ \Phi_5^{13}\ \Phi_1$
143134	1825	468	$\frac{5}{78}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{36}$	$\Phi_{468}^{6}\ \Phi_{234}^{6}\ \Phi_{117}^{6}\ \Phi_{78}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_1$
143135	1825	432	$\frac{5}{72}$	$\frac{1}{12}$	$\frac{67}{432}$	$\frac{11}{36}$	$\Phi_{432}^{5}\ \Phi_{216}^{5}\ \Phi_{144}^{5}\ \Phi_{108}^{5}\ \Phi_{54}^{5}\ \Phi_{48}^{5}\ \Phi_{36}\ \Phi_{27}^{5}\ \Phi_{18}\ \Phi_{16}^{5}\ \Phi_9\ \Phi_1$
143136	1825	396	$\frac{31}{396}$	$\frac{1}{12}$	$\frac{5}{36}$	$\frac{11}{36}$	$\Phi_{396}^{5}\ \Phi_{198}^{5}\ \Phi_{132}^{5}\ \Phi_{99}^{5}\ \Phi_{66}^{5}\ \Phi_{44}^{5}\ \Phi_{36}\ \Phi_{33}^{5}\ \Phi_{22}^{5}\ \Phi_{18}\ \Phi_{11}^{5}\ \Phi_9\ \Phi_1$
143137	1825	252	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{11}{36}$	$\Phi_{252}^{12}\ \Phi_{126}^{12}\ \Phi_{84}\ \Phi_{63}^{12}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
143138	1825	720	$\frac{1}{12}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{11}{36}$	$\Phi_{720}^{4}\ \Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{144}^{4}\ \Phi_{90}^{4}\ \Phi_{80}\ \Phi_{45}^{4}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
143139	1825	324	$\frac{1}{12}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{11}{36}$	$\Phi_{324}^{6}\ \Phi_{162}^{6}\ \Phi_{108}^{6}\ \Phi_{81}^{7}\ \Phi_{54}^{6}\ \Phi_{36}\ \Phi_{27}^{7}\ \Phi_{18}\ \Phi_9\ \Phi_1$
143140	1825	2376	$\frac{1}{24}$	$\frac{23}{264}$	$\frac{551}{2376}$	$\frac{241}{792}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{264}\ \Phi_{216}\ \Phi_{132}\ \Phi_{108}\ \Phi_{88}\ \Phi_{66}\ \Phi_{54}\ \Phi_{44}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
143141	1825	2592	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{864}$	$\frac{767}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
143142	1825	513	$\frac{2}{57}$	$\frac{23}{171}$	$\frac{11}{57}$	$\frac{148}{513}$	$\Phi_{513}^{5}\ \Phi_{57}^{2}\ \Phi_{27}^{5}\ \Phi_{19}^{2}\ \Phi_3^2\ \Phi_1^3$
143143	1825	2394	$\frac{1}{38}$	$\frac{37}{266}$	$\frac{569}{2394}$	$\frac{229}{798}$	$\Phi_{2394}\ \Phi_{1197}\ \Phi_{342}\ \Phi_{266}\ \Phi_{171}\ \Phi_{133}\ \Phi_{126}\ \Phi_{63}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
143144	1825	378	$\frac{13}{378}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{378}^{5}\ \Phi_{189}^{5}\ \Phi_{126}^{5}\ \Phi_{63}^{5}\ \Phi_{54}^{5}\ \Phi_{42}^{5}\ \Phi_{27}^{5}\ \Phi_{21}^{5}\ \Phi_{14}^{5}\ \Phi_7^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
143145	1825	504	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{29}{168}$	$\frac{139}{504}$	$\Phi_{504}^{5}\ \Phi_{252}^{5}\ \Phi_{168}\ \Phi_{126}^{5}\ \Phi_{84}\ \Phi_{72}^{5}\ \Phi_{63}^{5}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}^{5}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}^{5}\ \Phi_{14}\ \Phi_9^5\ \Phi_7\ \Phi_1$
143146	1825	171	$\frac{2}{57}$	$\frac{25}{171}$	$\frac{11}{57}$	$\frac{46}{171}$	$\Phi_{171}^{10}\ \Phi_{57}^{12}\ \Phi_{19}^{12}\ \Phi_9^{10}\ \Phi_3^{12}\ \Phi_1^{13}$
143147	1825	2448	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{193}{816}$	$\frac{623}{2448}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{144}\ \Phi_{102}\ \Phi_{72}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_9\ \Phi_1$
143148	1825	532	$\frac{3}{76}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{532}^{4}\ \Phi_{266}^{4}\ \Phi_{133}^{4}\ \Phi_{76}\ \Phi_{38}\ \Phi_{28}\ \Phi_{19}\ \Phi_{14}\ \Phi_7\ \Phi_1$
143149	1825	672	$\frac{1}{24}$	$\frac{3}{28}$	$\frac{23}{96}$	$\frac{1}{4}$	$\Phi_{672}^{4}\ \Phi_{336}^{4}\ \Phi_{224}^{4}\ \Phi_{112}^{4}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
143150	1825	608	$\frac{3}{76}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{608}^{4}\ \Phi_{304}^{4}\ \Phi_{76}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
143151	1825	1260	$\frac{1}{18}$	$\frac{3}{28}$	$\frac{17}{90}$	$\frac{1}{4}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{420}^{2}\ \Phi_{315}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{105}^{2}\ \Phi_{90}\ \Phi_{70}^{2}\ \Phi_{45}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{28}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
143152	1825	228	$\frac{3}{76}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{228}^{8}\ \Phi_{114}^{8}\ \Phi_{76}^{9}\ \Phi_{57}^{8}\ \Phi_{38}^{9}\ \Phi_{19}^{9}\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
143153	1825	1092	$\frac{5}{78}$	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1092}^{2}\ \Phi_{546}^{2}\ \Phi_{364}^{2}\ \Phi_{273}^{2}\ \Phi_{182}^{2}\ \Phi_{91}^{2}\ \Phi_{78}\ \Phi_{39}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}\ \Phi_{13}\ \Phi_7\ \Phi_1$
143154	1825	84	$\frac{1}{12}$	$\frac{3}{28}$	$\frac{11}{84}$	$\frac{1}{4}$	$\Phi_{84}^{21}\ \Phi_{42}^{21}\ \Phi_{28}^{22}\ \Phi_{21}^{21}\ \Phi_{14}^{22}\ \Phi_{12}^{24}\ \Phi_7^{22}\ \Phi_6^{24}\ \Phi_4^{24}\ \Phi_3^{24}\ \Phi_2^{24}\ \Phi_1^{25}$
143155	1825	560	$\frac{7}{80}$	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{140}^{4}\ \Phi_{112}^{4}\ \Phi_{80}\ \Phi_{70}^{4}\ \Phi_{40}\ \Phi_{35}^{4}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
143156	1825	2268	$\frac{8}{81}$	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{1}{4}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{81}\ \Phi_{28}\ \Phi_{27}\ \Phi_{14}\ \Phi_7\ \Phi_1$
143157	1825	96	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{23}{96}$	$\Phi_{96}^{17}\ \Phi_{48}^{17}\ \Phi_{32}^{18}\ \Phi_{24}^{24}\ \Phi_{16}^{18}\ \Phi_{12}^{24}\ \Phi_8^{24}\ \Phi_6^{24}\ \Phi_4^{24}\ \Phi_3^{24}\ \Phi_2^{24}\ \Phi_1^{25}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
143158	1825	96	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{23}{96}$	$\Phi_{96}^{25}\ \Phi_{48}^{25}\ \Phi_{32}^{25}\ \Phi_{16}^{25}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
143159	1825	432	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{67}{432}$	$\frac{97}{432}$	$\Phi_{432}^{4}\ \Phi_{216}^{4}\ \Phi_{144}^{4}\ \Phi_{108}^{5}\ \Phi_{72}^{4}\ \Phi_{54}^{5}\ \Phi_{48}^{4}\ \Phi_{36}^{5}\ \Phi_{27}^{5}\ \Phi_{24}^{4}\ \Phi_{18}^{5}\ \Phi_{16}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
143160	1825	1440	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{17}{90}$	$\frac{7}{32}$	$\Phi_{1440}^{2}\ \Phi_{720}^{2}\ \Phi_{480}^{2}\ \Phi_{240}^{2}\ \Phi_{160}^{2}\ \Phi_{90}\ \Phi_{80}^{2}\ \Phi_{45}\ \Phi_{32}\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
143161	1825	1248	$\frac{5}{78}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{32}$	$\Phi_{1248}^{2}\ \Phi_{624}^{2}\ \Phi_{416}^{2}\ \Phi_{208}^{2}\ \Phi_{78}\ \Phi_{39}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
143162	1825	672	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{84}$	$\frac{7}{32}$	$\Phi_{672}^{4}\ \Phi_{336}^{4}\ \Phi_{224}^{4}\ \Phi_{112}^{4}\ \Phi_{84}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
143163	1825	160	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{32}$	$\Phi_{160}^{16}\ \Phi_{80}^{9}\ \Phi_{40}^{9}\ \Phi_{32}^{9}\ \Phi_{20}^{9}\ \Phi_{16}^{2}\ \Phi_{10}^{9}\ \Phi_{8}^{8}\ \Phi_{5}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
143164	1825	2592	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{32}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{864}\ \Phi_{432}\ \Phi_{81}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
143165	1825	361	$\frac{16}{361}$	$\frac{3}{19}$	$\frac{69}{361}$	$\frac{4}{19}$	$\Phi_{361}^{5}\ \Phi_{19}^{6}\ \Phi_{1}^{7}$
143166	1825	384	$\frac{19}{384}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{384}^{5}\ \Phi_{192}^{5}\ \Phi_{128}^{5}\ \Phi_{96}^{5}\ \Phi_{64}^{5}\ \Phi_{48}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
143167	1825	456	$\frac{2}{57}$	$\frac{11}{57}$	$\frac{91}{456}$	$\frac{23}{114}$	$\Phi_{456}^{5}\ \Phi_{228}^{5}\ \Phi_{152}^{5}\ \Phi_{76}^{5}\ \Phi_{57}^{2}\ \Phi_{24}^{5}\ \Phi_{19}^{2}\ \Phi_{12}^{5}\ \Phi_{8}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
143168	1825	90	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{17}{90}$	$\Phi_{90}^{25}\ \Phi_{45}^{25}\ \Phi_{30}^{25}\ \Phi_{15}^{25}\ \Phi_{10}^{25}\ \Phi_{6}^{4}\ \Phi_{5}^{25}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
143169	1825	78	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{78}^{25}\ \Phi_{39}^{25}\ \Phi_{26}^{25}\ \Phi_{13}^{25}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
143170	1825	432	$\frac{5}{72}$	$\frac{67}{432}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{432}^{5}\ \Phi_{216}^{5}\ \Phi_{144}^{5}\ \Phi_{108}^{5}\ \Phi_{54}^{5}\ \Phi_{48}^{5}\ \Phi_{27}^{5}\ \Phi_{16}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
143171	1825	396	$\frac{31}{396}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{396}^{5}\ \Phi_{198}^{5}\ \Phi_{132}^{5}\ \Phi_{99}^{5}\ \Phi_{66}^{5}\ \Phi_{44}^{5}\ \Phi_{33}^{5}\ \Phi_{22}^{5}\ \Phi_{11}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
143172	1825	84	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{84}^{25}\ \Phi_{42}^{25}\ \Phi_{28}^{25}\ \Phi_{21}^{25}\ \Phi_{14}^{25}\ \Phi_{7}^{25}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
143173	1825	240	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}^{9}\ \Phi_{60}^{8}\ \Phi_{48}^{8}\ \Phi_{40}^{9}\ \Phi_{30}^{8}\ \Phi_{20}^{9}\ \Phi_{16}^{9}\ \Phi_{15}^{8}\ \Phi_{10}^{9}\ \Phi_{6}^{4}\ \Phi_{5}^{9}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
143174	1825	162	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{162}^{12}\ \Phi_{81}^{13}\ \Phi_{54}^{12}\ \Phi_{27}^{13}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
143175	1826	1460	$\frac{1}{365}$	$\frac{183}{730}$	$\frac{547}{1460}$	$\frac{182}{365}$	$\Phi_{1460}^{2}\ \Phi_{365}\ \Phi_{292}^{2}\ \Phi_{73}\ \Phi_{20}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
143176	1826	1820	$\frac{3}{910}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{907}{1820}$	$\Phi_{1820}^{2}\ \Phi_{364}^{2}\ \Phi_{260}^{2}\ \Phi_{140}^{2}\ \Phi_{52}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
143177	1826	660	$\frac{1}{165}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{82}{165}$	$\Phi_{660}^{5}\ \Phi_{220}^{5}\ \Phi_{165}\ \Phi_{132}^{5}\ \Phi_{60}^{5}\ \Phi_{55}\ \Phi_{44}^{5}\ \Phi_{33}\ \Phi_{20}^{6}\ \Phi_{15}\ \Phi_{12}^{5}\ \Phi_{11}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{3}\ \Phi_{1}^{2}$
143178	1826	165	$\frac{1}{165}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{82}{165}$	$\Phi_{165}^{11}\ \Phi_{55}^{11}\ \Phi_{33}^{11}\ \Phi_{15}^{12}\ \Phi_{11}^{11}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
143179	1826	1220	$\frac{2}{305}$	$\frac{1}{5}$	$\frac{307}{1220}$	$\frac{303}{610}$	$\Phi_{1220}^{2}\ \Phi_{305}^{2}\ \Phi_{244}^{2}\ \Phi_{61}^{2}\ \Phi_{20}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
143180	1826	3444	$\frac{1}{82}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{81}{164}$	$\Phi_{3444}\ \Phi_{1148}\ \Phi_{492}\ \Phi_{164}^{2}\ \Phi_{84}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
143181	1826	492	$\frac{1}{82}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{81}{164}$	$\Phi_{492}^{3}\ \Phi_{246}^{4}\ \Phi_{164}^{4}\ \Phi_{123}^{4}\ \Phi_{82}^{4}\ \Phi_{41}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
143182	1826	1148	$\frac{1}{82}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{81}{164}$	$\Phi_{1148}^{3}\ \Phi_{164}^{4}\ \Phi_{28}^{3}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{4}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
143183	1826	1752	$\frac{1}{73}$	$\frac{37}{876}$	$\frac{839}{1752}$	$\frac{36}{73}$	$\Phi_{1752}^{2}\ \Phi_{584}^{2}\ \Phi_{73}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
143184	1826	1314	$\frac{1}{73}$	$\frac{37}{438}$	$\frac{401}{1314}$	$\frac{36}{73}$	$\Phi_{1314}^{2}\ \Phi_{657}^{2}\ \Phi_{73}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
143185	1826	1022	$\frac{1}{73}$	$\frac{109}{1022}$	$\frac{37}{146}$	$\frac{36}{73}$	$\Phi_{1022}^{2}\ \Phi_{511}^{2}\ \Phi_{73}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
143186	1826	1168	$\frac{1}{73}$	$\frac{37}{292}$	$\frac{255}{1168}$	$\frac{36}{73}$	$\Phi_{1168}^{2}\ \Phi_{584}^{2}\ \Phi_{73}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
143187	1826	1095	$\frac{1}{73}$	$\frac{182}{1095}$	$\frac{37}{219}$	$\frac{36}{73}$	$\Phi_{1095}^{2}\ \Phi_{365}^{2}\ \Phi_{73}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
143188	1826	1800	$\frac{13}{900}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{887}{1800}$	$\Phi_{1800}^{2}\ \Phi_{600}^{2}\ \Phi_{360}^{2}\ \Phi_{200}^{2}\ \Phi_{120}^{2}\ \Phi_{72}^{2}\ \Phi_{40}^{2}\ \Phi_{25}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
143189	1826	1800	$\frac{13}{900}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{887}{1800}$	$\Phi_{1800}^{2}\ \Phi_{600}^{2}\ \Phi_{360}^{2}\ \Phi_{200}^{2}\ \Phi_{120}^{2}\ \Phi_{72}^{2}\ \Phi_{40}^{2}\ \Phi_{24}^{2}\ \Phi_{15}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
143190	1826	3726	$\frac{2}{81}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{3726}\ \Phi_{1242}\ \Phi_{414}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
143191	1826	2576	$\frac{1}{28}$	$\frac{1}{23}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{2576}\ \Phi_{644}\ \Phi_{368}\ \Phi_{322}\ \Phi_{161}\ \Phi_{92}\ \Phi_{46}$
143192	1826	3680	$\frac{3}{80}$	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{3680}\ \Phi_{736}\ \Phi_{92}\ \Phi_{46}$
143193	1826	1350	$\frac{13}{450}$	$\frac{1}{25}$	$\frac{437}{1350}$	$\frac{12}{25}$	$\Phi_{1350}^{2}\ \Phi_{675}^{2}\ \Phi_{270}^{2}\ \Phi_{135}^{2}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
143194	1826	950	$\frac{37}{950}$	$\frac{1}{25}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{950}^2\ \Phi_{475}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{38}^2\ \Phi_{25}\ \Phi_{19}^2\ \Phi_5\ \Phi_1^2$
143195	1826	1200	$\frac{1}{25}$	$\frac{13}{300}$	$\frac{287}{1200}$	$\frac{12}{25}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
143196	1826	1125	$\frac{1}{25}$	$\frac{13}{225}$	$\frac{212}{1125}$	$\frac{12}{25}$	$\Phi_{1125}^2\ \Phi_{375}^2\ \Phi_{125}^2\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
143197	1826	975	$\frac{1}{25}$	$\frac{62}{975}$	$\frac{13}{75}$	$\frac{12}{25}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{195}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{25}\ \Phi_{13}^2\ \Phi_5\ \Phi_1^2$
143198	1826	1050	$\frac{1}{25}$	$\frac{13}{150}$	$\frac{137}{1050}$	$\frac{12}{25}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{25}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
143199	1826	1000	$\frac{1}{25}$	$\frac{87}{1000}$	$\frac{13}{100}$	$\frac{12}{25}$	$\Phi_{1000}^2\ \Phi_{500}^2\ \Phi_{250}^2\ \Phi_{200}^2\ \Phi_{125}^2\ \Phi_{40}^2\ \Phi_{25}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
143200	1826	861	$\frac{1}{41}$	$\frac{1}{21}$	$\frac{40}{123}$	$\frac{10}{21}$	$\Phi_{861}^2\ \Phi_{287}^2\ \Phi_{123}^3\ \Phi_{41}^2\ \Phi_{21}^3\ \Phi_7^3\ \Phi_3^4\ \Phi_1^4$
143201	1826	3588	$\frac{1}{23}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{73}{156}$	$\Phi_{3588}\ \Phi_{1196}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
143202	1826	3542	$\frac{1}{23}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{154}$	$\Phi_{3542}\ \Phi_{506}\ \Phi_{322}\ \Phi_{161}\ \Phi_{46}$
143203	1826	2208	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{11}{24}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{368}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
143204	1826	420	$\frac{1}{84}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^6\ \Phi_{70}^4\ \Phi_{60}^3\ \Phi_{42}^6\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}^6\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_7^6\ \Phi_6^6\ \Phi_5^4\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
143205	1826	220	$\frac{1}{55}$	$\frac{1}{10}$	$\frac{27}{110}$	$\frac{9}{20}$	$\Phi_{220}^{15}\ \Phi_{110}^2\ \Phi_{55}\ \Phi_{44}^{15}\ \Phi_{22}^2\ \Phi_{20}^{16}\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5\ \Phi_4^{16}\ \Phi_2^2\ \Phi_1^2$
143206	1826	340	$\frac{2}{85}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{340}^{10}\ \Phi_{85}^2\ \Phi_{68}^{10}\ \Phi_{20}^6\ \Phi_{17}^2\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
143207	1826	1980	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{16}{99}$	$\frac{9}{20}$	$\Phi_{1980}^2\ \Phi_{660}\ \Phi_{396}^2\ \Phi_{220}\ \Phi_{180}^2\ \Phi_{132}\ \Phi_{99}^2\ \Phi_{60}\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{11}\ \Phi_9^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
143208	1826	440	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{440}^4\ \Phi_{220}^3\ \Phi_{110}^4\ \Phi_{88}^6\ \Phi_{55}^4\ \Phi_{44}^5\ \Phi_{40}^4\ \Phi_{22}^6\ \Phi_{20}^4\ \Phi_{11}^5\ \Phi_{10}^4\ \Phi_8^6\ \Phi_5^4\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
143209	1826	180	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{180}^{20}\ \Phi_{90}^2\ \Phi_{60}^{15}\ \Phi_{45}^2\ \Phi_{36}^{20}\ \Phi_{30}^2\ \Phi_{20}^{16}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_4^{16}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
143210	1826	150	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{3}{25}$	$\frac{67}{150}$	$\Phi_{150}^{22}\ \Phi_{50}^{22}\ \Phi_{30}^{22}\ \Phi_{25}^7\ \Phi_{10}^{22}\ \Phi_6^{22}\ \Phi_5^7\ \Phi_2^{22}\ \Phi_1^8$
143211	1826	930	$\frac{17}{930}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{310}^2\ \Phi_{186}^2\ \Phi_{155}^2\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
143212	1826	146	$\frac{3}{73}$	$\frac{7}{73}$	$\frac{10}{73}$	$\frac{63}{146}$	$\Phi_{146}^{22}\ \Phi_{73}^3\ \Phi_2^{22}\ \Phi_1^4$
143213	1826	3312	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{144}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
143214	1826	3220	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{57}{140}$	$\Phi_{3220}\ \Phi_{644}\ \Phi_{460}\ \Phi_{322}\ \Phi_{161}\ \Phi_{92}\ \Phi_{46}$
143215	1826	1525	$\frac{4}{305}$	$\frac{301}{1525}$	$\frac{1}{5}$	$\frac{612}{1525}$	$\Phi_{1525}\ \Phi_{305}^2\ \Phi_{61}^2\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
143216	1826	1365	$\frac{3}{455}$	$\frac{1}{5}$	$\frac{452}{1365}$	$\frac{2}{5}$	$\Phi_{1365}^2\ \Phi_{273}^2\ \Phi_{195}^2\ \Phi_{105}^2\ \Phi_{39}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
143217	1826	920	$\frac{7}{920}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{920}^2\ \Phi_{460}^2\ \Phi_{230}^2\ \Phi_{184}^2\ \Phi_{115}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{40}^2\ \Phi_{23}^2\ \Phi_{20}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
143218	1826	1040	$\frac{3}{130}$	$\frac{127}{1040}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1040}^2\ \Phi_{520}^2\ \Phi_{260}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{80}^2\ \Phi_{52}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
143219	1826	945	$\frac{32}{945}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
143220	1826	980	$\frac{3}{70}$	$\frac{67}{980}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{245}^2\ \Phi_{196}^2\ \Phi_{140}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
143221	1826	975	$\frac{3}{65}$	$\frac{62}{975}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{195}^2\ \Phi_{75}^2\ \Phi_{39}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
143222	1826	3006	$\frac{1}{167}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{3006}\ \Phi_{1002}\ \Phi_{501}\ \Phi_{334}$
143223	1826	2672	$\frac{1}{167}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{2672}\ \Phi_{668}\ \Phi_{334}$
143224	1826	2024	$\frac{1}{23}$	$\frac{5}{88}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{253}\ \Phi_{92}\ \Phi_{46}$
143225	1826	2898	$\frac{1}{23}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{2898}\ \Phi_{966}\ \Phi_{483}\ \Phi_{414}\ \Phi_{322}\ \Phi_{161}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
143226	1826	492	$\frac{1}{41}$	$\frac{1}{12}$	$\frac{40}{123}$	$\frac{1}{3}$	$\Phi_{492}^4\ \Phi_{246}^4\ \Phi_{164}^4\ \Phi_{123}^3\ \Phi_{82}^4\ \Phi_{41}^2\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
143227	1826	420	$\frac{1}{84}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^6\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^6\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_7^6\ \Phi_6^6\ \Phi_5^2\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
143228	1826	2484	$\frac{1}{23}$	$\frac{2}{27}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
143229	1826	2070	$\frac{1}{23}$	$\frac{7}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{414}\ \Phi_{345}\ \Phi_{230}\ \Phi_{138}\ \Phi_{115}\ \Phi_{69}\ \Phi_{46}$
143230	1826	1722	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{40}{123}$	$\Phi_{1722}^2\ \Phi_{861}\ \Phi_{246}^2\ \Phi_{123}^2\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
143231	1826	1350	$\frac{13}{450}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{437}{1350}$	$\Phi_{1350}^2\ \Phi_{675}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
143232	1826	100	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{17}{100}$	$\frac{8}{25}$	$\Phi_{100}^{22}\ \Phi_{50}^{22}\ \Phi_{25}^7\ \Phi_{20}^{22}\ \Phi_{10}^{22}\ \Phi_5^7\ \Phi_4^{22}\ \Phi_2^{22}\ \Phi_1^8$
143233	1826	2760	$\frac{1}{23}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
143234	1826	2484	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{621}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
143235	1826	945	$\frac{32}{945}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
143236	1826	330	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{27}{110}$	$\frac{4}{15}$	$\Phi_{330}^{10}\ \Phi_{165}^5\ \Phi_{110}^2\ \Phi_{66}^{10}\ \Phi_{55}\ \Phi_{33}^5\ \Phi_{30}^{10}\ \Phi_{22}^2\ \Phi_{15}^6\ \Phi_{11}\ \Phi_{10}^2\ \Phi_6^{10}\ \Phi_5\ \Phi_3^6\ \Phi_2^2\ \Phi_1^2$
143237	1826	255	$\frac{2}{85}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{255}^{10}\ \Phi_{85}^2\ \Phi_{51}^{10}\ \Phi_{17}^2\ \Phi_{15}^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
143238	1826	495	$\frac{1}{33}$	$\frac{16}{99}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{495}^4\ \Phi_{165}^2\ \Phi_{99}^6\ \Phi_{55}^2\ \Phi_{45}^4\ \Phi_{33}^3\ \Phi_{15}^3\ \Phi_{11}^3\ \Phi_9^6\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
143239	1826	1320	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{330}^2\ \Phi_{264}^2\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{120}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
143240	1826	90	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{90}^{22}\ \Phi_{45}^{22}\ \Phi_{30}^{22}\ \Phi_{18}^{22}\ \Phi_{15}^{12}\ \Phi_{10}^{22}\ \Phi_9^{22}\ \Phi_6^{22}\ \Phi_5^{11}\ \Phi_3^{12}\ \Phi_2^{22}\ \Phi_1^{12}$
143241	1826	2208	$\frac{1}{23}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
143242	1826	2300	$\frac{1}{23}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{2300}\ \Phi_{1150}\ \Phi_{575}\ \Phi_{92}\ \Phi_{46}$
143243	1826	1200	$\frac{13}{300}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{287}{1200}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
143244	1826	960	$\frac{47}{960}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
143245	1826	1125	$\frac{13}{225}$	$\frac{2}{15}$	$\frac{212}{1125}$	$\frac{1}{5}$	$\Phi_{1125}^2\ \Phi_{375}^2\ \Phi_{125}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
143246	1826	975	$\frac{62}{975}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{5}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{195}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
143247	1826	1080	$\frac{13}{180}$	$\frac{2}{15}$	$\frac{167}{1080}$	$\frac{1}{5}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{40}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
143248	1826	90	$\frac{7}{90}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{5}$	$\Phi_{90}^{20}\ \Phi_{45}^{20}\ \Phi_{30}^{20}\ \Phi_{18}^{20}\ \Phi_{15}^{22}\ \Phi_{10}^{20}\ \Phi_9^{20}\ \Phi_6^{20}\ \Phi_5^{21}\ \Phi_3^{22}\ \Phi_2^{20}\ \Phi_1^{22}$
143249	1826	1050	$\frac{13}{150}$	$\frac{137}{1050}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
143250	1827	1560	$\frac{1}{260}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{259}{520}$	$\Phi_{1560}^2\ \Phi_{520}^3\ \Phi_{312}^2\ \Phi_{120}^2\ \Phi_{104}^3\ \Phi_{40}^3\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
143251	1827	4680	$\frac{1}{260}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{259}{520}$	$\Phi_{4680}\ \Phi_{936}\ \Phi_{520}\ \Phi_{360}\ \Phi_{104}\ \Phi_{72}\ \Phi_{40}\ \Phi_9\ \Phi_8\ \Phi_1$
143252	1827	1616	$\frac{1}{202}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{201}{404}$	$\Phi_{1616}^2\ \Phi_{404}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
143253	1827	404	$\frac{1}{202}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{201}{404}$	$\Phi_{404}^5\ \Phi_{202}^4\ \Phi_{101}^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
143254	1827	3320	$\frac{1}{166}$	$\frac{167}{1660}$	$\frac{1493}{3320}$	$\frac{165}{332}$	$\Phi_{3320}\ \Phi_{664}\ \Phi_{332}\ \Phi_{40}\ \Phi_8\ \Phi_4\ \Phi_1$
143255	1827	2420	$\frac{4}{605}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{601}{1210}$	$\Phi_{2420}\ \Phi_{605}\ \Phi_{484}\ \Phi_{220}\ \Phi_{121}\ \Phi_{55}\ \Phi_{44}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
143256	1827	244	$\frac{1}{122}$	$\frac{41}{244}$	$\frac{1}{4}$	$\frac{121}{244}$	$\Phi_{244}^8\ \Phi_{122}^7\ \Phi_{61}^7\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
143257	1827	2010	$\frac{2}{201}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{199}{402}$	$\Phi_{2010}\ \Phi_{1005}\ \Phi_{670}\ \Phi_{335}\ \Phi_{201}\ \Phi_{67}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
143258	1827	1720	$\frac{1}{86}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{85}{172}$	$\Phi_{1720}^2\ \Phi_{344}^2\ \Phi_{172}\ \Phi_{40}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
143259	1827	860	$\frac{1}{86}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{85}{172}$	$\Phi_{860}^4\ \Phi_{172}^5\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
143260	1827	344	$\frac{1}{86}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{85}{172}$	$\Phi_{344}^6\ \Phi_{172}^5\ \Phi_{86}^4\ \Phi_{43}^4\ \Phi_8^9\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
143261	1827	4300	$\frac{1}{86}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{85}{172}$	$\Phi_{4300}\ \Phi_{172}\ \Phi_{100}\ \Phi_{25}\ \Phi_4\ \Phi_1$
143262	1827	3608	$\frac{23}{1804}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{1781}{3608}$	$\Phi_{3608}\ \Phi_{328}\ \Phi_{88}\ \Phi_{44}\ \Phi_8\ \Phi_4\ \Phi_1$
143263	1827	1360	$\frac{1}{68}$	$\frac{1}{10}$	$\frac{69}{272}$	$\frac{67}{136}$	$\Phi_{1360}^2\ \Phi_{340}^2\ \Phi_{272}\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{80}^2\ \Phi_{68}\ \Phi_{34}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
143264	1827	400	$\frac{3}{200}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{197}{400}$	$\Phi_{400}^{9}\,\Phi_{80}^{9}\,\Phi_{20}^{2}\,\Phi_{16}^{9}\,\Phi_{10}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
143265	1827	1736	$\frac{1}{62}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{61}{124}$	$\Phi_{1736}^{2}\,\Phi_{248}^{2}\,\Phi_{124}\,\Phi_{56}^{3}\,\Phi_{8}^{3}\,\Phi_{4}\,\Phi_{1}$
143266	1827	2604	$\frac{1}{62}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{61}{124}$	$\Phi_{2604}^{2}\,\Phi_{372}^{2}\,\Phi_{124}\,\Phi_{84}^{2}\,\Phi_{42}\,\Phi_{21}\,\Phi_{12}^{2}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
143267	1827	992	$\frac{1}{62}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{61}{124}$	$\Phi_{992}^{2}\,\Phi_{496}^{2}\,\Phi_{248}^{2}\,\Phi_{124}\,\Phi_{32}^{3}\,\Phi_{16}^{3}\,\Phi_{8}^{3}\,\Phi_{4}\,\Phi_{1}$
143268	1827	4340	$\frac{1}{62}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{61}{124}$	$\Phi_{4340}\,\Phi_{620}\,\Phi_{140}\,\Phi_{124}\,\Phi_{35}\,\Phi_{20}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
143269	1827	396	$\frac{5}{198}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{193}{396}$	$\Phi_{396}^{9}\,\Phi_{132}^{9}\,\Phi_{44}^{9}\,\Phi_{36}^{9}\,\Phi_{22}^{2}\,\Phi_{12}^{9}\,\Phi_{11}^{2}\,\Phi_{4}^{9}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
143270	1827	396	$\frac{5}{198}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{193}{396}$	$\Phi_{396}^{9}\,\Phi_{132}^{9}\,\Phi_{44}^{9}\,\Phi_{36}^{9}\,\Phi_{12}^{9}\,\Phi_{11}^{4}\,\Phi_{4}^{9}\,\Phi_{1}^{5}$
143271	1827	1980	$\frac{5}{198}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{193}{396}$	$\Phi_{1980}^{2}\,\Phi_{660}^{2}\,\Phi_{396}\,\Phi_{220}^{2}\,\Phi_{180}^{2}\,\Phi_{132}\,\Phi_{60}^{2}\,\Phi_{44}\,\Phi_{36}\,\Phi_{30}^{2}\,\Phi_{20}^{2}\,\Phi_{15}^{2}\,\Phi_{12}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
143272	1827	352	$\frac{3}{88}$	$\frac{1}{22}$	$\frac{91}{352}$	$\frac{85}{176}$	$\Phi_{352}^{7}\,\Phi_{88}^{7}\,\Phi_{44}^{7}\,\Phi_{32}^{7}\,\Phi_{22}^{6}\,\Phi_{11}^{6}\,\Phi_{8}^{7}\,\Phi_{4}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
143273	1827	1736	$\frac{1}{31}$	$\frac{1}{28}$	$\frac{10}{31}$	$\frac{27}{56}$	$\Phi_{1736}^{2}\,\Phi_{248}^{2}\,\Phi_{56}^{3}\,\Phi_{31}^{2}\,\Phi_{8}^{3}\,\Phi_{1}^{3}$
143274	1827	616	$\frac{1}{28}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{616}^{6}\,\Phi_{88}^{6}\,\Phi_{56}^{3}\,\Phi_{44}^{2}\,\Phi_{22}\,\Phi_{11}\,\Phi_{8}^{3}\,\Phi_{4}\,\Phi_{1}$
143275	1827	1736	$\frac{1}{28}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{27}{56}$	$\Phi_{1736}^{2}\,\Phi_{248}^{2}\,\Phi_{56}^{3}\,\Phi_{31}^{2}\,\Phi_{8}^{3}\,\Phi_{1}^{3}$
143276	1827	280	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{27}{56}$	$\Phi_{280}^{6}\,\Phi_{140}^{8}\,\Phi_{70}^{8}\,\Phi_{56}^{3}\,\Phi_{40}^{8}\,\Phi_{35}^{8}\,\Phi_{28}^{4}\,\Phi_{20}^{10}\,\Phi_{14}^{4}\,\Phi_{10}^{9}\,\Phi_{8}^{4}\,\Phi_{7}^{4}\,\Phi_{5}^{9}\,\Phi_{4}^{5}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
143277	1827	3520	$\frac{67}{1760}$	$\frac{1}{22}$	$\frac{21}{88}$	$\frac{1693}{3520}$	$\Phi_{3520}\,\Phi_{704}\,\Phi_{320}\,\Phi_{88}\,\Phi_{64}\,\Phi_{44}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
143278	1827	1720	$\frac{1}{43}$	$\frac{1}{20}$	$\frac{14}{43}$	$\frac{19}{40}$	$\Phi_{1720}^{2}\,\Phi_{344}^{2}\,\Phi_{43}^{2}\,\Phi_{40}^{3}\,\Phi_{8}^{3}\,\Phi_{1}^{3}$
143279	1827	120	$\frac{1}{30}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{120}^{30}\,\Phi_{60}^{2}\,\Phi_{40}^{27}\,\Phi_{30}\,\Phi_{24}^{30}\,\Phi_{20}^{2}\,\Phi_{15}\,\Phi_{12}^{2}\,\Phi_{10}\,\Phi_{8}^{27}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
143280	1827	1920	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{181}{384}$	$\Phi_{1920}^{2}\,\Phi_{640}^{2}\,\Phi_{384}\,\Phi_{128}\,\Phi_{60}^{2}\,\Phi_{30}^{2}\,\Phi_{20}^{2}\,\Phi_{15}^{2}\,\Phi_{12}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
143281	1827	1144	$\frac{1}{22}$	$\frac{37}{572}$	$\frac{7}{44}$	$\frac{535}{1144}$	$\Phi_{1144}^{3}\,\Phi_{104}^{3}\,\Phi_{88}^{3}\,\Phi_{44}^{3}\,\Phi_{22}^{2}\,\Phi_{11}^{2}\,\Phi_{8}^{3}\,\Phi_{4}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
143282	1827	1728	$\frac{1}{64}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1728}\,\Phi_{864}\,\Phi_{576}\,\Phi_{432}\,\Phi_{288}\,\Phi_{216}\,\Phi_{192}^{2}\,\Phi_{144}\,\Phi_{108}\,\Phi_{96}^{2}\,\Phi_{72}\,\Phi_{64}\,\Phi_{48}^{2}\,\Phi_{36}\,\Phi_{32}\,\Phi_{27}\,\Phi_{24}^{2}\,\Phi_{16}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{8}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
143283	1827	91	$\frac{4}{91}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{91}^{20}\,\Phi_{13}^{21}\,\Phi_{7}^{19}\,\Phi_{1}^{21}$
143284	1827	484	$\frac{1}{22}$	$\frac{19}{242}$	$\frac{3}{22}$	$\frac{223}{484}$	$\Phi_{484}^{7}\,\Phi_{44}^{7}\,\Phi_{22}^{6}\,\Phi_{11}^{6}\,\Phi_{4}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
143285	1827	704	$\frac{1}{22}$	$\frac{7}{88}$	$\frac{95}{704}$	$\frac{81}{176}$	$\Phi_{704}^{3}\,\Phi_{352}^{3}\,\Phi_{88}^{3}\,\Phi_{64}^{3}\,\Phi_{44}^{3}\,\Phi_{32}^{3}\,\Phi_{22}^{2}\,\Phi_{11}^{2}\,\Phi_{8}^{3}\,\Phi_{4}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
143286	1827	1080	$\frac{13}{216}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{24}$	$\Phi_{1080}^{2}\,\Phi_{540}^{2}\,\Phi_{360}^{2}\,\Phi_{270}^{2}\,\Phi_{216}\,\Phi_{180}^{2}\,\Phi_{135}^{2}\,\Phi_{108}\,\Phi_{90}^{2}\,\Phi_{72}\,\Phi_{60}^{2}\,\Phi_{54}\,\Phi_{45}^{2}\,\Phi_{36}\,\Phi_{30}^{2}\,\Phi_{27}\,\Phi_{20}^{2}\,\Phi_{18}\,\Phi_{15}^{2}\,\Phi_{12}\,\Phi_{10}\,\Phi_{9}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
143287	1827	1870	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{1}{10}$	$\frac{171}{374}$	$\Phi_{1870}\,\Phi_{935}\,\Phi_{187}\,\Phi_{170}^{2}\,\Phi_{110}\,\Phi_{85}^{2}\,\Phi_{55}\,\Phi_{34}\,\Phi_{17}\,\Phi_{11}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
143288	1827	1760	$\frac{1}{22}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{160}$	$\Phi_{1760}^{2}\,\Phi_{352}^{2}\,\Phi_{160}\,\Phi_{88}^{2}\,\Phi_{44}^{2}\,\Phi_{32}\,\Phi_{22}\,\Phi_{11}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
143289	1827	209	$\frac{6}{209}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{209}^{9}\,\Phi_{19}^{9}\,\Phi_{11}^{4}\,\Phi_{1}^{5}$
143290	1827	320	$\frac{1}{64}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{320}^{6}\,\Phi_{160}^{6}\,\Phi_{80}^{6}\,\Phi_{64}^{5}\,\Phi_{40}^{5}\,\Phi_{32}^{5}\,\Phi_{20}^{6}\,\Phi_{16}^{5}\,\Phi_{10}^{5}\,\Phi_{8}^{4}\,\Phi_{5}^{5}\,\Phi_{4}^{5}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
143291	1827	620	$\frac{11}{620}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{620}^{3}\,\Phi_{310}^{3}\,\Phi_{155}^{3}\,\Phi_{124}^{3}\,\Phi_{62}^{3}\,\Phi_{31}^{3}\,\Phi_{20}^{2}\,\Phi_{10}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
143292	1827	249	$\frac{2}{83}$	$\frac{9}{83}$	$\frac{46}{249}$	$\frac{37}{83}$	$\Phi_{249}^{9}\,\Phi_{83}^{4}\,\Phi_{3}^{9}\,\Phi_{1}^{5}$
143293	1827	732	$\frac{1}{61}$	$\frac{20}{183}$	$\frac{1}{4}$	$\frac{163}{366}$	$\Phi_{732}^{3}\,\Phi_{244}^{4}\,\Phi_{183}^{3}\,\Phi_{122}\,\Phi_{61}^{3}\,\Phi_{12}^{3}\,\Phi_{4}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
143294	1827	4848	$\frac{1}{101}$	$\frac{1}{8}$	$\frac{100}{303}$	$\frac{7}{16}$	$\Phi_{4848}\,\Phi_{303}\,\Phi_{48}\,\Phi_{16}\,\Phi_{3}\,\Phi_{1}$
143295	1827	1616	$\frac{3}{101}$	$\frac{1}{8}$	$\frac{14}{101}$	$\frac{7}{16}$	$\Phi_{1616}^{2}\,\Phi_{101}^{2}\,\Phi_{16}^{3}\,\Phi_{1}^{3}$
143296	1827	240	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{240}^{14}\,\Phi_{120}^{2}\,\Phi_{80}^{14}\,\Phi_{60}^{2}\,\Phi_{48}^{14}\,\Phi_{40}^{2}\,\Phi_{30}\,\Phi_{24}^{2}\,\Phi_{20}^{2}\,\Phi_{16}^{7}\,\Phi_{15}\,\Phi_{12}^{2}\,\Phi_{10}\,\Phi_{8}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
143297	1827	352	$\frac{1}{22}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{352}^{6}\,\Phi_{176}^{4}\,\Phi_{88}^{6}\,\Phi_{44}^{6}\,\Phi_{32}^{3}\,\Phi_{22}^{5}\,\Phi_{16}^{2}\,\Phi_{11}^{5}\,\Phi_{8}^{3}\,\Phi_{4}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
143298	1827	154	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{154}$	$\Phi_{154}^{10}\ \Phi_{77}^{11}\ \Phi_{22}^{20}\ \Phi_{14}^{10}\ \Phi_{11}^{20}\ \Phi_{7}^{11}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
143299	1827	352	$\frac{1}{22}$	$\frac{7}{88}$	$\frac{27}{176}$	$\frac{149}{352}$	$\Phi_{352}^{9}\ \Phi_{88}^{3}\ \Phi_{44}^{3}\ \Phi_{32}^{9}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143300	1827	1600	$\frac{1}{64}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1600}\ \Phi_{800}\ \Phi_{400}\ \Phi_{320}^{2}\ \Phi_{200}\ \Phi_{160}^{2}\ \Phi_{100}\ \Phi_{80}^{2}\ \Phi_{64}\ \Phi_{40}^{2}\ \Phi_{32}$ $\Phi_{25}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
143301	1827	780	$\frac{1}{130}$	$\frac{1}{6}$	$\frac{43}{130}$	$\frac{5}{12}$	$\Phi_{780}^{4}\ \Phi_{260}^{4}\ \Phi_{156}^{4}\ \Phi_{130}^{2}\ \Phi_{65}^{2}\ \Phi_{60}^{4}\ \Phi_{52}^{4}\ \Phi_{26}^{2}\ \Phi_{20}^{4}\ \Phi_{13}^{2}\ \Phi_{12}^{5}\ \Phi_{10}^{2}$ $\Phi_{5}^{2}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143302	1827	264	$\frac{1}{88}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{264}^{6}\ \Phi_{132}^{6}\ \Phi_{88}^{9}\ \Phi_{66}^{6}\ \Phi_{44}^{9}\ \Phi_{33}^{6}\ \Phi_{24}^{6}\ \Phi_{22}^{9}\ \Phi_{12}^{5}\ \Phi_{11}^{9}\ \Phi_{8}^{9}\ \Phi_{6}^{4}\ \Phi_{4}^{7}$ $\Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
143303	1827	3180	$\frac{4}{265}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{3180}\ \Phi_{1060}\ \Phi_{636}\ \Phi_{265}\ \Phi_{212}\ \Phi_{53}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
143304	1827	3900	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{64}{325}$	$\frac{5}{12}$	$\Phi_{3900}\ \Phi_{1300}\ \Phi_{325}\ \Phi_{300}\ \Phi_{100}\ \Phi_{25}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
143305	1827	576	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{576}^{4}\ \Phi_{288}^{4}\ \Phi_{192}^{2}\ \Phi_{144}^{4}\ \Phi_{96}^{2}\ \Phi_{72}^{4}\ \Phi_{64}\ \Phi_{48}^{2}\ \Phi_{36}^{3}\ \Phi_{32}\ \Phi_{24}^{2}\ \Phi_{18}^{3}$ $\Phi_{16}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
143306	1827	312	$\frac{1}{52}$	$\frac{17}{104}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{312}^{6}\ \Phi_{156}^{4}\ \Phi_{104}^{9}\ \Phi_{78}^{4}\ \Phi_{52}^{6}\ \Phi_{39}^{4}\ \Phi_{26}^{6}\ \Phi_{24}^{6}\ \Phi_{13}^{6}\ \Phi_{12}^{5}\ \Phi_{8}^{9}\ \Phi_{6}^{4}$ $\Phi_{4}^{7}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
143307	1827	780	$\frac{2}{65}$	$\frac{7}{65}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{780}^{4}\ \Phi_{260}^{4}\ \Phi_{156}^{4}\ \Phi_{65}^{4}\ \Phi_{60}^{4}\ \Phi_{52}^{4}\ \Phi_{20}^{4}\ \Phi_{13}^{4}\ \Phi_{12}^{5}\ \Phi_{5}^{4}\ \Phi_{4}^{5}\ \Phi_{1}^{5}$
143308	1827	60	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{60}^{52}\ \Phi_{30}^{9}\ \Phi_{20}^{52}\ \Phi_{15}^{9}\ \Phi_{12}^{53}\ \Phi_{10}^{8}\ \Phi_{6}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{53}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
143309	1827	1716	$\frac{1}{26}$	$\frac{25}{286}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1716}^{2}\ \Phi_{572}^{2}\ \Phi_{286}\ \Phi_{143}\ \Phi_{132}^{2}\ \Phi_{44}^{2}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
143310	1827	1092	$\frac{4}{91}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1092}^{3}\ \Phi_{364}^{3}\ \Phi_{156}^{2}\ \Phi_{91}^{3}\ \Phi_{84}^{3}\ \Phi_{52}^{2}\ \Phi_{28}^{3}\ \Phi_{13}^{2}\ \Phi_{12}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
143311	1827	840	$\frac{1}{20}$	$\frac{19}{280}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{3}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{140}^{3}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{70}^{3}\ \Phi_{56}^{3}$ $\Phi_{42}^{2}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{3}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}\ \Phi_{1}$
143312	1827	440	$\frac{1}{22}$	$\frac{3}{44}$	$\frac{41}{220}$	$\frac{179}{440}$	$\Phi_{440}^{7}\ \Phi_{88}^{7}\ \Phi_{44}^{7}\ \Phi_{40}^{7}\ \Phi_{22}^{6}\ \Phi_{11}^{6}\ \Phi_{8}^{7}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
143313	1827	340	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{33}{170}$	$\frac{137}{340}$	$\Phi_{340}^{9}\ \Phi_{170}^{2}\ \Phi_{85}^{2}\ \Phi_{68}^{9}\ \Phi_{34}\ \Phi_{20}^{9}\ \Phi_{17}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}^{9}\ \Phi_{1}$
143314	1827	192	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{192}^{10}\ \Phi_{96}^{10}\ \Phi_{64}^{9}\ \Phi_{48}^{9}\ \Phi_{32}^{9}\ \Phi_{24}^{10}\ \Phi_{16}^{8}\ \Phi_{12}^{10}\ \Phi_{8}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{9}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
143315	1827	332	$\frac{1}{166}$	$\frac{37}{166}$	$\frac{55}{166}$	$\frac{129}{332}$	$\Phi_{332}^{9}\ \Phi_{166}^{2}\ \Phi_{83}^{2}\ \Phi_{4}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143316	1827	332	$\frac{2}{83}$	$\frac{9}{83}$	$\frac{37}{166}$	$\frac{129}{332}$	$\Phi_{332}^{9}\ \Phi_{83}^{4}\ \Phi_{4}^{9}\ \Phi_{1}^{5}$
143317	1827	1936	$\frac{1}{22}$	$\frac{109}{1936}$	$\frac{21}{88}$	$\frac{67}{176}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{121}\ \Phi_{88}\ \Phi_{44}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
143318	1827	976	$\frac{1}{122}$	$\frac{121}{488}$	$\frac{1}{4}$	$\frac{367}{976}$	$\Phi_{976}^{3}\ \Phi_{244}^{2}\ \Phi_{122}\ \Phi_{61}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
143319	1827	2656	$\frac{1}{166}$	$\frac{165}{664}$	$\frac{829}{2656}$	$\frac{499}{1328}$	$\Phi_{2656}\ \Phi_{664}\ \Phi_{332}\ \Phi_{32}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
143320	1827	1040	$\frac{5}{208}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1040}^{2}\ \Phi_{520}^{2}\ \Phi_{260}^{2}\ \Phi_{208}\ \Phi_{130}^{2}\ \Phi_{104}\ \Phi_{80}^{2}\ \Phi_{65}^{2}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}^{2}$ $\Phi_{16}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
143321	1827	480	$\frac{1}{30}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{480}^{6}\ \Phi_{240}^{2}\ \Phi_{160}^{6}\ \Phi_{120}^{2}\ \Phi_{96}^{6}\ \Phi_{80}^{2}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{40}^{2}\ \Phi_{32}^{3}\ \Phi_{30}\ \Phi_{24}^{2}$ $\Phi_{20}^{2}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
143322	1827	44	$\frac{1}{22}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{44}^{63}\ \Phi_{22}^{20}\ \Phi_{11}^{20}\ \Phi_{4}^{63}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
143323	1827	1530	$\frac{1}{51}$	$\frac{1}{10}$	$\frac{50}{153}$	$\frac{103}{306}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}^{2}\ \Phi_{255}^{2}\ \Phi_{170}^{2}\ \Phi_{153}\ \Phi_{102}\ \Phi_{90}\ \Phi_{85}^{2}\ \Phi_{51}\ \Phi_{45}$ $\Phi_{34}\ \Phi_{30}^{2}\ \Phi_{17}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
143324	1827	1170	$\frac{1}{130}$	$\frac{2}{9}$	$\frac{43}{130}$	$\frac{1}{3}$	$\Phi_{1170}^{2}\ \Phi_{585}^{2}\ \Phi_{234}^{2}\ \Phi_{130}^{2}\ \Phi_{117}^{2}\ \Phi_{90}^{2}\ \Phi_{65}^{2}\ \Phi_{45}^{2}\ \Phi_{26}^{2}\ \Phi_{18}^{2}\ \Phi_{13}^{2}$ $\Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143325	1827	792	$\frac{1}{88}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{792}^{3}\ \Phi_{396}^{3}\ \Phi_{198}^{3}\ \Phi_{99}^{3}\ \Phi_{88}^{3}\ \Phi_{72}^{3}\ \Phi_{44}^{3}\ \Phi_{36}^{3}\ \Phi_{22}^{3}\ \Phi_{18}^{2}\ \Phi_{11}^{3}\ \Phi_{9}^{3}$ $\Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143326	1827	2385	$\frac{4}{265}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2385}\ \Phi_{477}\ \Phi_{265}\ \Phi_{53}\ \Phi_{9}\ \Phi_{1}$
143327	1827	2925	$\frac{1}{65}$	$\frac{64}{325}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2925}\ \Phi_{325}\ \Phi_{225}\ \Phi_{25}\ \Phi_{9}\ \Phi_{1}$
143328	1827	576	$\frac{1}{64}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{576}^{3}\ \Phi_{288}^{3}\ \Phi_{192}^{4}\ \Phi_{144}^{3}\ \Phi_{96}^{4}\ \Phi_{72}^{3}\ \Phi_{64}^{3}\ \Phi_{48}^{4}\ \Phi_{36}^{2}\ \Phi_{32}^{3}\ \Phi_{24}^{4}\ \Phi_{18}^{2}$ $\Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143329	1827	936	$\frac{1}{52}$	$\frac{17}{104}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{936}^{3}\ \Phi_{468}^{2}\ \Phi_{234}^{2}\ \Phi_{117}^{2}\ \Phi_{104}^{3}\ \Phi_{72}^{3}\ \Phi_{52}^{2}\ \Phi_{36}^{2}\ \Phi_{26}^{2}\ \Phi_{18}^{2}\ \Phi_{13}^{2}\ \Phi_{9}^{3}$ $\Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143330	1827	585	$\frac{2}{65}$	$\frac{7}{65}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{585}^{4}\ \Phi_{117}^{4}\ \Phi_{65}^{4}\ \Phi_{45}^{4}\ \Phi_{13}^{4}\ \Phi_{9}^{5}\ \Phi_{5}^{4}\ \Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
143331	1827	90	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{90}^{26}\ \Phi_{45}^{26}\ \Phi_{30}^{9}\ \Phi_{18}^{26}\ \Phi_{15}^{9}\ \Phi_{10}^{8}\ \Phi_{9}^{27}\ \Phi_{6}^{9}\ \Phi_{5}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
143332	1827	2574	$\frac{1}{26}$	$\frac{25}{286}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{286}\ \Phi_{198}\ \Phi_{143}\ \Phi_{99}\ \Phi_{22}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
143333	1827	819	$\frac{4}{91}$	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{819}^{3}\ \Phi_{117}^{2}\ \Phi_{91}^{3}\ \Phi_{63}^{3}\ \Phi_{13}^{2}\ \Phi_{9}^{3}\ \Phi_{7}^{3}\ \Phi_{1}^{3}$
143334	1827	2520	$\frac{1}{20}$	$\frac{19}{280}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{252}\ \Phi_{140}\ \Phi_{126}\ \Phi_{72}\ \Phi_{70}\ \Phi_{63}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
143335	1827	1212	$\frac{1}{101}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{100}{303}$	$\Phi_{1212}^{2}\ \Phi_{606}^{2}\ \Phi_{303}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143336	1827	605	$\frac{8}{605}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{199}{605}$	$\Phi_{605}^{3}\ \Phi_{121}^{3}\ \Phi_{55}^{3}\ \Phi_{11}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{5}$
143337	1827	244	$\frac{1}{61}$	$\frac{41}{244}$	$\frac{1}{4}$	$\frac{20}{61}$	$\Phi_{244}^{7}\ \Phi_{122}^{7}\ \Phi_{61}^{9}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
143338	1827	430	$\frac{1}{43}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{14}{43}$	$\Phi_{430}^{4}\ \Phi_{215}^{4}\ \Phi_{86}^{4}\ \Phi_{43}^{6}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
143339	1827	344	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{14}{43}$	$\Phi_{344}^{6}\ \Phi_{172}^{4}\ \Phi_{86}^{4}\ \Phi_{43}^{6}\ \Phi_{8}^{9}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
143340	1827	1075	$\frac{1}{43}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{14}{43}$	$\Phi_{1075}^{2}\ \Phi_{43}^{2}\ \Phi_{25}^{3}\ \Phi_{1}^{3}$
143341	1827	83	$\frac{2}{83}$	$\frac{8}{83}$	$\frac{25}{83}$	$\frac{27}{83}$	$\Phi_{83}^{22}\ \Phi_{1}^{23}$
143342	1827	1048	$\frac{7}{262}$	$\frac{1}{8}$	$\frac{59}{262}$	$\frac{85}{262}$	$\Phi_{1048}^{2}\ \Phi_{524}^{2}\ \Phi_{262}\ \Phi_{131}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
143343	1827	300	$\frac{3}{100}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{97}{300}$	$\Phi_{300}^{9}\ \Phi_{150}^{9}\ \Phi_{75}^{9}\ \Phi_{60}^{9}\ \Phi_{30}^{9}\ \Phi_{20}^{2}\ \Phi_{15}^{9}\ \Phi_{12}^{9}\ \Phi_{10}\ \Phi_{6}^{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^{9}\ \Phi_{1}$
143344	1827	913	$\frac{28}{913}$	$\frac{101}{913}$	$\frac{206}{913}$	$\frac{295}{913}$	$\Phi_{913}^{2}\ \Phi_{83}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{3}$
143345	1827	1220	$\frac{19}{610}$	$\frac{59}{610}$	$\frac{1}{4}$	$\frac{197}{610}$	$\Phi_{1220}^{2}\ \Phi_{610}\ \Phi_{305}\ \Phi_{244}^{2}\ \Phi_{122}\ \Phi_{61}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
143346	1827	1302	$\frac{1}{31}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{10}{31}$	$\Phi_{1302}^{2}\ \Phi_{651}^{2}\ \Phi_{186}^{2}\ \Phi_{93}^{2}\ \Phi_{42}^{3}\ \Phi_{31}^{2}\ \Phi_{21}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
143347	1827	992	$\frac{1}{31}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{10}{31}$	$\Phi_{992}^{2}\ \Phi_{496}^{2}\ \Phi_{248}^{2}\ \Phi_{32}^{3}\ \Phi_{31}^{2}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
143348	1827	1085	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{10}{31}$	$\Phi_{1085}^{2}\ \Phi_{155}^{2}\ \Phi_{35}^{3}\ \Phi_{31}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
143349	1827	264	$\frac{1}{22}$	$\frac{5}{66}$	$\frac{61}{264}$	$\frac{7}{22}$	$\Phi_{264}^{9}\ \Phi_{132}^{9}\ \Phi_{88}^{9}\ \Phi_{44}^{9}\ \Phi_{24}^{9}\ \Phi_{22}^{2}\ \Phi_{12}^{9}\ \Phi_{11}^{2}\ \Phi_{8}^{9}\ \Phi_{4}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143350	1827	220	$\frac{1}{22}$	$\frac{17}{220}$	$\frac{5}{22}$	$\frac{7}{22}$	$\Phi_{220}^{9}\ \Phi_{110}^{9}\ \Phi_{55}^{9}\ \Phi_{44}^{9}\ \Phi_{22}^{2}\ \Phi_{20}^{9}\ \Phi_{11}^{2}\ \Phi_{10}^{9}\ \Phi_{5}^{9}\ \Phi_{4}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143351	1827	297	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{94}{297}$	$\Phi_{297}^{9}\ \Phi_{27}^{9}\ \Phi_{11}^{4}\ \Phi_{1}^{5}$
143352	1827	924	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{924}^{4}\ \Phi_{462}^{2}\ \Phi_{231}^{2}\ \Phi_{132}^{4}\ \Phi_{84}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{42}\ \Phi_{33}^{2}\ \Phi_{22}\ \Phi_{21}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
143353	1827	1302	$\frac{1}{14}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{13}{42}$	$\Phi_{1302}^{2}\ \Phi_{651}^{2}\ \Phi_{186}^{2}\ \Phi_{93}^{2}\ \Phi_{42}^{3}\ \Phi_{31}^{2}\ \Phi_{21}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
143354	1827	840	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{13}{42}$	$\Phi_{840}^{4}\ \Phi_{420}^{4}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{120}^{4}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{60}^{4}\ \Phi_{42}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
143355	1827	880	$\frac{1}{22}$	$\frac{67}{880}$	$\frac{21}{88}$	$\frac{271}{880}$	$\Phi_{880}^{2}\ \Phi_{440}^{2}\ \Phi_{220}^{2}\ \Phi_{176}^{2}\ \Phi_{110}^{2}\ \Phi_{88}^{3}\ \Phi_{80}^{2}\ \Phi_{55}^{2}\ \Phi_{44}^{3}\ \Phi_{40}^{2}\ \Phi_{22}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{3}\ \Phi_{1}^{3}$
143356	1827	264	$\frac{1}{22}$	$\frac{7}{88}$	$\frac{61}{264}$	$\frac{27}{88}$	$\Phi_{264}^{9}\ \Phi_{132}^{9}\ \Phi_{88}^{3}\ \Phi_{66}^{9}\ \Phi_{44}^{3}\ \Phi_{33}^{9}\ \Phi_{24}^{9}\ \Phi_{22}^{2}\ \Phi_{12}^{9}\ \Phi_{11}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{9}\ \Phi_{4}^{3}\ \Phi_{3}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143357	1827	83	$\frac{6}{83}$	$\frac{8}{83}$	$\frac{11}{83}$	$\frac{25}{83}$	$\Phi_{83}^{22}\ \Phi_{1}^{23}$
143358	1827	60	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{60}^{42}\ \Phi_{30}^{21}\ \Phi_{20}^{38}\ \Phi_{15}^{21}\ \Phi_{12}^{42}\ \Phi_{10}^{19}\ \Phi_{6}^{21}\ \Phi_{5}^{19}\ \Phi_{4}^{37}\ \Phi_{3}^{21}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
143359	1827	960	$\frac{1}{30}$	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{960}^{2}\ \Phi_{480}^{2}\ \Phi_{320}^{2}\ \Phi_{240}^{2}\ \Phi_{192}^{2}\ \Phi_{160}^{2}\ \Phi_{120}^{2}\ \Phi_{96}^{2}\ \Phi_{80}^{2}\ \Phi_{64}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{40}^{2}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
143360	1827	1440	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{96}$	$\frac{85}{288}$	$\Phi_{1440}^{2}\ \Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{288}\ \Phi_{180}^{2}\ \Phi_{144}\ \Phi_{90}^{2}\ \Phi_{72}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
143361	1827	913	$\frac{24}{913}$	$\frac{127}{913}$	$\frac{217}{913}$	$\frac{262}{913}$	$\Phi_{913}^{2}\ \Phi_{83}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{3}$
143362	1827	244	$\frac{3}{122}$	$\frac{17}{122}$	$\frac{1}{4}$	$\frac{35}{122}$	$\Phi_{244}^{10}\ \Phi_{122}^{5}\ \Phi_{61}^{5}\ \Phi_{4}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
143363	1827	1080	$\frac{13}{216}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{270}^{2}\ \Phi_{216}\ \Phi_{180}^{2}\ \Phi_{135}^{2}\ \Phi_{120}^{2}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}^{2}\ \Phi_{54}\ \Phi_{40}^{2}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
143364	1827	440	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{440}^{4}\ \Phi_{220}^{4}\ \Phi_{110}^{4}\ \Phi_{88}^{6}\ \Phi_{55}^{4}\ \Phi_{44}^{6}\ \Phi_{40}^{2}\ \Phi_{22}^{5}\ \Phi_{20}^{2}\ \Phi_{11}^{5}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
143365	1827	404	$\frac{3}{101}$	$\frac{14}{101}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{404}^{4}\ \Phi_{202}^{4}\ \Phi_{101}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
143366	1827	120	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{120}^{18}\ \Phi_{60}^{14}\ \Phi_{40}^{18}\ \Phi_{30}^{13}\ \Phi_{24}^{18}\ \Phi_{20}^{14}\ \Phi_{15}^{13}\ \Phi_{12}^{14}\ \Phi_{10}^{13}\ \Phi_{8}^{9}\ \Phi_{6}^{13}\ \Phi_{5}^{13}\ \Phi_{4}^{7}\ \Phi_{3}^{13}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
143367	1827	352	$\frac{1}{22}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{352}^{6}\ \Phi_{176}^{6}\ \Phi_{88}^{6}\ \Phi_{44}^{2}\ \Phi_{32}^{3}\ \Phi_{22}\ \Phi_{16}^{3}\ \Phi_{11}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
143368	1827	800	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{191}{800}$	$\frac{1}{4}$	$\Phi_{800}^{3}\ \Phi_{400}^{3}\ \Phi_{160}^{3}\ \Phi_{80}^{3}\ \Phi_{32}^{3}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
143369	1827	640	$\frac{31}{640}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{128}^{3}\ \Phi_{80}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
143370	1827	1232	$\frac{1}{22}$	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{1232}^{2}\ \Phi_{616}^{2}\ \Phi_{176}^{2}\ \Phi_{112}\ \Phi_{88}^{2}\ \Phi_{56}\ \Phi_{44}^{2}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
143371	1827	240	$\frac{1}{30}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{240}^{10}\ \Phi_{120}^{10}\ \Phi_{80}^{9}\ \Phi_{60}^{2}\ \Phi_{48}^{10}\ \Phi_{40}^{9}\ \Phi_{30}\ \Phi_{24}^{10}\ \Phi_{20}^{2}\ \Phi_{16}^{9}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{8}^{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
143372	1827	300	$\frac{1}{30}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{300}^{10}\ \Phi_{150}^{5}\ \Phi_{100}^{9}\ \Phi_{75}^{5}\ \Phi_{60}^{2}\ \Phi_{50}^{4}\ \Phi_{30}\ \Phi_{25}^{5}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
143373	1827	220	$\frac{4}{55}$	$\frac{17}{220}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{220}^{8}\ \Phi_{110}^{8}\ \Phi_{55}^{9}\ \Phi_{44}^{8}\ \Phi_{22}^{8}\ \Phi_{20}^{9}\ \Phi_{11}^{9}\ \Phi_{10}^{9}\ \Phi_{5}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
143374	1827	500	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{47}{250}$	$\frac{1}{4}$	$\Phi_{500}^{6}\ \Phi_{250}^{3}\ \Phi_{125}^{3}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
143375	1827	1300	$\frac{41}{650}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{4}$	$\Phi_{1300}^{2}\ \Phi_{650}\ \Phi_{325}\ \Phi_{260}^{2}\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}^{2}\ \Phi_{26}\ \Phi_{20}^{2}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
143376	1827	1540	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{1540}^{2}\ \Phi_{770}\ \Phi_{385}\ \Phi_{220}^{2}\ \Phi_{140}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}^{2}\ \Phi_{35}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
143377	1827	240	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{37}{240}$	$\frac{1}{4}$	$\Phi_{240}^{9}\ \Phi_{120}^{9}\ \Phi_{80}^{9}\ \Phi_{60}^{9}\ \Phi_{48}^{9}\ \Phi_{30}^{9}\ \Phi_{24}^{9}\ \Phi_{20}^{2}\ \Phi_{16}^{9}\ \Phi_{15}^{9}\ \Phi_{12}^{9}\ \Phi_{10}\ \Phi_{6}^{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^{9}\ \Phi_{1}$
143378	1827	220	$\frac{17}{220}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{220}^{9}\ \Phi_{110}^{9}\ \Phi_{55}^{9}\ \Phi_{44}^{9}\ \Phi_{22}^{9}\ \Phi_{20}^{2}\ \Phi_{11}^{9}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
143379	1827	100	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{13}{100}$	$\frac{1}{4}$	$\Phi_{100}^{18}\ \Phi_{50}^{18}\ \Phi_{25}^{18}\ \Phi_{20}^{20}\ \Phi_{10}^{19}\ \Phi_{5}^{19}\ \Phi_{4}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
143380	1827	992	$\frac{3}{32}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{4}$	$\Phi_{992}^{2}\ \Phi_{496}^{2}\ \Phi_{248}^{2}\ \Phi_{32}^{3}\ \Phi_{31}^{2}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
143381	1827	160	$\frac{3}{32}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{160}^{14}\ \Phi_{80}^{14}\ \Phi_{40}^{8}\ \Phi_{32}^{7}\ \Phi_{20}^{10}\ \Phi_{16}^{7}\ \Phi_{10}^{9}\ \Phi_{8}^{4}\ \Phi_{5}^{9}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
143382	1827	704	$\frac{1}{22}$	$\frac{95}{704}$	$\frac{67}{352}$	$\frac{21}{88}$	$\Phi_{704}^{3}\ \Phi_{352}^{2}\ \Phi_{176}^{2}\ \Phi_{88}^{3}\ \Phi_{64}^{3}\ \Phi_{44}^{3}\ \Phi_{32}^{2}\ \Phi_{22}^{2}\ \Phi_{16}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143383	1827	2200	$\frac{1}{22}$	$\frac{67}{440}$	$\frac{373}{2200}$	$\frac{21}{88}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{200}\ \Phi_{100}\ \Phi_{88}\ \Phi_{50}\ \Phi_{44}\ \Phi_{25}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
143384	1827	264	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{61}{264}$	$\Phi_{264}^{9}\ \Phi_{132}^{9}\ \Phi_{88}^{9}\ \Phi_{44}^{9}\ \Phi_{24}^{9}\ \Phi_{12}^{9}\ \Phi_{11}^{4}\ \Phi_{8}^{9}\ \Phi_{4}^{9}\ \Phi_{1}^{5}$
143385	1827	1320	$\frac{5}{66}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{61}{264}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{440}^{2}\ \Phi_{264}\ \Phi_{220}^{2}\ \Phi_{132}\ \Phi_{120}^{2}\ \Phi_{88}\ \Phi_{60}^{2}\ \Phi_{44}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
143386	1827	240	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{37}{240}$	$\frac{11}{48}$	$\Phi_{240}^{7}\ \Phi_{120}^{7}\ \Phi_{80}^{7}\ \Phi_{60}^{9}\ \Phi_{48}^{8}\ \Phi_{40}^{7}\ \Phi_{30}^{9}\ \Phi_{24}^{8}\ \Phi_{20}^{9}\ \Phi_{16}^{8}\ \Phi_{15}^{9}\ \Phi_{12}^{9}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{6}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
143387	1827	220	$\frac{17}{220}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{22}$	$\Phi_{220}^{9}\ \Phi_{110}^{9}\ \Phi_{55}^{9}\ \Phi_{44}^{9}\ \Phi_{20}^{9}\ \Phi_{11}^{4}\ \Phi_{10}^{9}\ \Phi_{5}^{9}\ \Phi_{4}^{9}\ \Phi_{1}^{5}$
143388	1827	33	$\frac{1}{11}$	$\frac{4}{33}$	$\frac{5}{33}$	$\frac{2}{11}$	$\Phi_{33}^{54}\ \Phi_{11}^{58}\ \Phi_{3}^{54}\ \Phi_{1}^{59}$
143389	1827	170	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{5}{34}$	$\frac{3}{17}$	$\Phi_{170}^{12}\ \Phi_{85}^{12}\ \Phi_{34}^{5}\ \Phi_{17}^{7}\ \Phi_{10}^{11}\ \Phi_{5}^{11}\ \Phi_{2}^{4}\ \Phi_{1}^{7}$
143390	1827	1085	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{1085}^{2}\ \Phi_{155}^{2}\ \Phi_{35}^{3}\ \Phi_{31}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
143391	1827	280	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{280}^{7}\ \Phi_{140}^{7}\ \Phi_{70}^{3}\ \Phi_{56}^{8}\ \Phi_{40}^{9}\ \Phi_{35}^{4}\ \Phi_{28}^{8}\ \Phi_{20}^{9}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{9}\ \Phi_{7}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
143392	1828	912	$\frac{1}{456}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{455}{912}$	$\Phi_{912}^{4}\ \Phi_{304}^{4}\ \Phi_{48}^{4}\ \Phi_{16}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
143393	1828	1830	$\frac{1}{305}$	$\frac{153}{610}$	$\frac{1}{3}$	$\frac{152}{305}$	$\Phi_{1830}^{2}\ \Phi_{915}\ \Phi_{366}^{2}\ \Phi_{183}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{6}^{2}$
143394	1828	783	$\frac{1}{261}$	$\frac{131}{783}$	$\frac{326}{783}$	$\frac{130}{261}$	$\Phi_{783}^{2}\ \Phi_{261}^{3}\ \Phi_{87}^{3}\ \Phi_{29}^{3}\ \Phi_{27}^{2}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
143395	1828	910	$\frac{2}{455}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{453}{910}$	$\Phi_{910}^{4}\ \Phi_{182}^{4}\ \Phi_{130}^{4}\ \Phi_{70}^{4}\ \Phi_{26}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
143396	1828	2730	$\frac{2}{455}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{453}{910}$	$\Phi_{2730}^{2}\ \Phi_{546}^{2}\ \Phi_{390}^{2}\ \Phi_{210}^{2}\ \Phi_{78}^{2}\ \Phi_{42}^{2}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{6}^{2}$
143397	1828	812	$\frac{1}{203}$	$\frac{51}{406}$	$\frac{355}{812}$	$\frac{101}{203}$	$\Phi_{812}^{4}\ \Phi_{203}\ \Phi_{116}^{4}\ \Phi_{29}\ \Phi_{28}^{4}\ \Phi_{7}\ \Phi_{4}^{4}\ \Phi_{1}^{2}$
143398	1828	609	$\frac{1}{203}$	$\frac{152}{609}$	$\frac{51}{203}$	$\frac{101}{203}$	$\Phi_{609}^{4}\ \Phi_{203}\ \Phi_{87}^{4}\ \Phi_{29}\ \Phi_{21}^{4}\ \Phi_{7}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
143399	1828	549	$\frac{1}{183}$	$\frac{92}{549}$	$\frac{1}{3}$	$\frac{91}{183}$	$\Phi_{549}^4\ \Phi_{183}^2\ \Phi_{61}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
143400	1828	909	$\frac{5}{909}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{452}{909}$	$\Phi_{909}^2\ \Phi_{303}^2\ \Phi_{101}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
143401	1828	1815	$\frac{13}{1815}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{901}{1815}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{363}\ \Phi_{165}\ \Phi_{121}\ \Phi_{55}\ \Phi_{33}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
143402	1828	1809	$\frac{19}{1809}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{895}{1809}$	$\Phi_{1809}\ \Phi_{603}\ \Phi_{201}\ \Phi_{67}\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
143403	1828	870	$\frac{1}{87}$	$\frac{22}{435}$	$\frac{413}{870}$	$\frac{43}{87}$	$\Phi_{870}^4\ \Phi_{290}^4\ \Phi_{174}^4\ \Phi_{87}\ \Phi_{58}^4\ \Phi_{30}^4\ \Phi_{29}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
143404	1828	1305	$\frac{1}{87}$	$\frac{44}{435}$	$\frac{391}{1305}$	$\frac{43}{87}$	$\Phi_{1305}^2\ \Phi_{261}^2\ \Phi_{87}\ \Phi_{45}^2\ \Phi_{29}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
143405	1828	522	$\frac{1}{87}$	$\frac{65}{522}$	$\frac{22}{87}$	$\frac{43}{87}$	$\Phi_{522}^4\ \Phi_{261}^4\ \Phi_{174}^4\ \Phi_{87}\ \Phi_{58}^4\ \Phi_{29}\ \Phi_{18}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
143406	1828	903	$\frac{11}{903}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{446}{903}$	$\Phi_{903}^2\ \Phi_{301}^2\ \Phi_{129}^2\ \Phi_{43}^2\ \Phi_{21}^3\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
143407	1828	612	$\frac{2}{153}$	$\frac{1}{9}$	$\frac{155}{612}$	$\frac{151}{306}$	$\Phi_{612}^4\ \Phi_{204}^4\ \Phi_{153}^4\ \Phi_{68}^4\ \Phi_{51}^4\ \Phi_{36}^4\ \Phi_{17}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
143408	1828	900	$\frac{7}{450}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{443}{900}$	$\Phi_{900}^4\ \Phi_{300}^4\ \Phi_{180}^4\ \Phi_{100}^4\ \Phi_{60}^4\ \Phi_{36}^4\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
143409	1828	900	$\frac{7}{450}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{443}{900}$	$\Phi_{900}^4\ \Phi_{300}^4\ \Phi_{180}^4\ \Phi_{100}^4\ \Phi_{60}^4\ \Phi_{36}^4\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
143410	1828	882	$\frac{1}{63}$	$\frac{16}{441}$	$\frac{425}{882}$	$\frac{31}{63}$	$\Phi_{882}^4\ \Phi_{294}^4\ \Phi_{126}^4\ \Phi_{98}^4\ \Phi_{63}\ \Phi_{42}^4\ \Phi_{21}\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9\ \Phi_7\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
143411	1828	1323	$\frac{1}{63}$	$\frac{32}{441}$	$\frac{409}{1323}$	$\frac{31}{63}$	$\Phi_{1323}^2\ \Phi_{189}^2\ \Phi_{63}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
143412	1828	504	$\frac{1}{63}$	$\frac{47}{504}$	$\frac{16}{63}$	$\frac{31}{63}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{72}^4\ \Phi_{63}\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_9\ \Phi_8^4\ \Phi_7\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
143413	1828	1464	$\frac{1}{61}$	$\frac{31}{488}$	$\frac{1}{3}$	$\frac{30}{61}$	$\Phi_{1464}^2\ \Phi_{732}^2\ \Phi_{366}^2\ \Phi_{183}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
143414	1828	899	$\frac{15}{899}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{442}{899}$	$\Phi_{899}^2\ \Phi_{31}^2\ \Phi_{29}^3\ \Phi_1^4$
143415	1828	891	$\frac{23}{891}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{434}{891}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{99}^2\ \Phi_{81}^2\ \Phi_{33}^2\ \Phi_{27}^4\ \Phi_{11}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
143416	1828	882	$\frac{16}{441}$	$\frac{1}{21}$	$\frac{5}{21}$	$\frac{425}{882}$	$\Phi_{882}^4\ \Phi_{294}^4\ \Phi_{126}^4\ \Phi_{98}^4\ \Phi_{42}^4\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_7^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
143417	1828	870	$\frac{1}{29}$	$\frac{22}{435}$	$\frac{7}{29}$	$\frac{413}{870}$	$\Phi_{870}^4\ \Phi_{290}^4\ \Phi_{174}^4\ \Phi_{58}^4\ \Phi_{30}^4\ \Phi_{29}^3\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4\ \Phi_1^4$
143418	1828	864	$\frac{25}{432}$	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{407}{864}$	$\Phi_{864}^4\ \Phi_{288}^4\ \Phi_{96}^4\ \Phi_{32}^4\ \Phi_{27}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
143419	1828	465	$\frac{8}{465}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{465}^4\ \Phi_{155}^4\ \Phi_{93}^4\ \Phi_{31}^4\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
143420	1828	2562	$\frac{1}{61}$	$\frac{30}{427}$	$\frac{1}{3}$	$\frac{397}{854}$	$\Phi_{2562}^2\ \Phi_{366}^2\ \Phi_{183}\ \Phi_{42}^2\ \Phi_6^2$
143421	1828	486	$\frac{29}{486}$	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{25}{54}$	$\Phi_{486}^4\ \Phi_{243}^4\ \Phi_{162}^4\ \Phi_{81}^4\ \Phi_{27}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
143422	1828	1701	$\frac{1}{63}$	$\frac{127}{1701}$	$\frac{62}{189}$	$\frac{787}{1701}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{243}\ \Phi_{189}^2\ \Phi_{81}\ \Phi_{63}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
143423	1828	1683	$\frac{8}{153}$	$\frac{145}{1683}$	$\frac{1}{9}$	$\frac{769}{1683}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}^2\ \Phi_{99}\ \Phi_{51}^2\ \Phi_{33}\ \Phi_{17}^2\ \Phi_{11}\ \Phi_9\ \Phi_3\ \Phi_1^2$
143424	1828	840	$\frac{1}{21}$	$\frac{37}{420}$	$\frac{5}{42}$	$\frac{383}{840}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{168}^4\ \Phi_{120}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{40}^4\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_8^4\ \Phi_7^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
143425	1828	630	$\frac{1}{63}$	$\frac{31}{315}$	$\frac{173}{630}$	$\frac{142}{315}$	$\Phi_{630}^4\ \Phi_{315}^2\ \Phi_{210}^4\ \Phi_{126}^4\ \Phi_{105}^2\ \Phi_{90}^4\ \Phi_{70}^4\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{42}^4\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{21}\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_9\ \Phi_7\ \Phi_6^4\ \Phi_5^2\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
143426	1828	464	$\frac{7}{464}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{464}^4\ \Phi_{232}^4\ \Phi_{116}^4\ \Phi_{58}^4\ \Phi_{29}^3\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
143427	1828	1647	$\frac{2}{183}$	$\frac{181}{1647}$	$\frac{1}{3}$	$\frac{733}{1647}$	$\Phi_{1647}\ \Phi_{549}\ \Phi_{183}^2\ \Phi_{61}^2\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
143428	1828	504	$\frac{1}{21}$	$\frac{47}{504}$	$\frac{5}{42}$	$\frac{37}{84}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{72}^4\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_7^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
143429	1828	812	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{51}{406}$	$\frac{355}{812}$	$\Phi_{812}^4\ \Phi_{116}^4\ \Phi_{58}^4\ \Phi_{29}^3\ \Phi_{28}^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
143430	1828	1617	$\frac{1}{21}$	$\frac{20}{231}$	$\frac{211}{1617}$	$\frac{703}{1617}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{231}^2\ \Phi_{147}\ \Phi_{77}^2\ \Phi_{49}\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{11}^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
143431	1828	1365	$\frac{4}{455}$	$\frac{1}{7}$	$\frac{451}{1365}$	$\frac{3}{7}$	$\Phi_{1365}^2\ \Phi_{273}^2\ \Phi_{195}^2\ \Phi_{105}^2\ \Phi_{39}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
143432	1828	462	$\frac{5}{462}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}^4\ \Phi_{42}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{11}^4\ \Phi_7\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^2$
143433	1828	546	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{89}{546}$	$\frac{3}{7}$	$\Phi_{546}^4\ \Phi_{273}^4\ \Phi_{182}^4\ \Phi_{78}^4\ \Phi_{42}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_7\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
143434	1828	945	$\frac{31}{945}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
143435	1828	1001	$\frac{4}{91}$	$\frac{87}{1001}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1001}^2\ \Phi_{143}^2\ \Phi_{77}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_1^2$
143436	1828	490	$\frac{2}{35}$	$\frac{33}{490}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{490}^4\ \Phi_{245}^4\ \Phi_{98}^4\ \Phi_{70}^4\ \Phi_{49}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7\ \Phi_2^4\ \Phi_1^2$
143437	1828	1575	$\frac{1}{63}$	$\frac{253}{1575}$	$\frac{62}{315}$	$\frac{661}{1575}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}^2\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}^2\ \Phi_{75}\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
143438	1828	567	$\frac{1}{63}$	$\frac{31}{189}$	$\frac{110}{567}$	$\frac{79}{189}$	$\Phi_{567}^4\ \Phi_{189}^2\ \Phi_{81}^4\ \Phi_{63}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
143439	1828	765	$\frac{4}{153}$	$\frac{1}{9}$	$\frac{149}{765}$	$\frac{308}{765}$	$\Phi_{765}^2\ \Phi_{255}^2\ \Phi_{153}^4\ \Phi_{85}^2\ \Phi_{51}^4\ \Phi_{45}^2\ \Phi_{17}^4\ \Phi_{15}^2\ \Phi_9^3\ \Phi_5^2\ \Phi_3^3\ \Phi_1^4$
143440	1828	1380	$\frac{3}{460}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1380}^2\ \Phi_{690}^2\ \Phi_{345}^2\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
143441	1828	756	$\frac{1}{63}$	$\frac{31}{189}$	$\frac{79}{378}$	$\frac{299}{756}$	$\Phi_{756}^4\ \Phi_{252}^4\ \Phi_{189}^2\ \Phi_{108}^4\ \Phi_{84}^4\ \Phi_{63}\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{12}^4\ \Phi_9\ \Phi_7\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
143442	1828	468	$\frac{11}{468}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^4\ \Phi_{117}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^4\ \Phi_{36}^4\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
143443	1828	732	$\frac{1}{183}$	$\frac{91}{366}$	$\frac{1}{3}$	$\frac{275}{732}$	$\Phi_{732}^4\ \Phi_{244}^4\ \Phi_{183}^2\ \Phi_{61}^2\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
143444	1828	696	$\frac{1}{29}$	$\frac{7}{116}$	$\frac{109}{348}$	$\frac{239}{696}$	$\Phi_{696}^4\ \Phi_{232}^4\ \Phi_{116}^4\ \Phi_{58}^4\ \Phi_{29}^3\ \Phi_{24}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
143445	1828	693	$\frac{10}{231}$	$\frac{1}{21}$	$\frac{221}{693}$	$\frac{236}{693}$	$\Phi_{693}^2\ \Phi_{231}^4\ \Phi_{99}^2\ \Phi_{77}^4\ \Phi_{63}^2\ \Phi_{33}^4\ \Phi_{21}^3\ \Phi_{11}^4\ \Phi_9^2\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
143446	1828	1377	$\frac{8}{459}$	$\frac{1}{9}$	$\frac{451}{1377}$	$\frac{463}{1377}$	$\Phi_{1377}\ \Phi_{459}^2\ \Phi_{153}^2\ \Phi_{81}\ \Phi_{51}^2\ \Phi_{27}^2\ \Phi_{17}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
143447	1828	459	$\frac{2}{459}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{459}^4\ \Phi_{153}^4\ \Phi_{51}^4\ \Phi_{27}^4\ \Phi_{17}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
143448	1828	684	$\frac{1}{228}$	$\frac{227}{684}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{684}^4\ \Phi_{342}^4\ \Phi_{171}^4\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
143449	1828	1380	$\frac{3}{460}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}^2\ \Phi_{345}\ \Phi_{276}\ \Phi_{230}^2\ \Phi_{138}\ \Phi_{115}^2\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{60}\ \Phi_{46}^2\ \Phi_{30}\ \Phi_{23}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
143450	1828	1824	$\frac{1}{152}$	$\frac{151}{608}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}^2\ \Phi_{304}^2\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
143451	1828	570	$\frac{1}{114}$	$\frac{113}{570}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{570}^4\ \Phi_{285}^4\ \Phi_{190}^4\ \Phi_{95}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
143452	1828	462	$\frac{5}{462}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}^4\ \Phi_{42}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{11}^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
143453	1828	1596	$\frac{1}{76}$	$\frac{75}{532}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}^2\ \Phi_{399}\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
143454	1828	1392	$\frac{7}{464}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}^2\ \Phi_{348}\ \Phi_{232}^2\ \Phi_{174}\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{48}\ \Phi_{29}^2\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
143455	1828	513	$\frac{1}{57}$	$\frac{56}{513}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{513}^4\ \Phi_{171}^4\ \Phi_{27}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
143456	1828	468	$\frac{11}{468}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^4\ \Phi_{117}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^4\ \Phi_{36}^4\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
143457	1828	1482	$\frac{1}{38}$	$\frac{37}{494}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{494}^2\ \Phi_{247}^2\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
143458	1828	969	$\frac{2}{57}$	$\frac{55}{969}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{969}^2\ \Phi_{323}^2\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_3\ \Phi_1^2$
143459	1828	1425	$\frac{18}{475}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1425}\ \Phi_{475}^2\ \Phi_{285}\ \Phi_{95}^2\ \Phi_{75}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
143460	1828	480	$\frac{1}{24}$	$\frac{23}{480}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
143461	1828	1365	$\frac{4}{455}$	$\frac{1}{5}$	$\frac{451}{1365}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}^2\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}^2\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
143462	1828	549	$\frac{2}{183}$	$\frac{92}{549}$	$\frac{181}{549}$	$\frac{1}{3}$	$\Phi_{549}^3\ \Phi_{183}^4\ \Phi_{61}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
143463	1828	675	$\frac{7}{225}$	$\frac{1}{15}$	$\frac{218}{675}$	$\frac{1}{3}$	$\Phi_{675}^4\ \Phi_{135}^4\ \Phi_{27}^4\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
143464	1828	945	$\frac{31}{945}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
143465	1828	1281	$\frac{1}{61}$	$\frac{60}{427}$	$\frac{367}{1281}$	$\frac{1}{3}$	$\Phi_{1281}\ \Phi_{427}^2\ \Phi_{183}^2\ \Phi_{61}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
143466	1828	600	$\frac{7}{150}$	$\frac{1}{15}$	$\frac{143}{600}$	$\frac{1}{3}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{200}^4\ \Phi_{120}^4\ \Phi_{100}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_8^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
143467	1828	480	$\frac{23}{480}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_8^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
143468	1828	1560	$\frac{2}{65}$	$\frac{63}{520}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1560}^2\ \Phi_{780}^2\ \Phi_{390}^2\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{120}^2\ \Phi_{78}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
143469	1828	945	$\frac{31}{945}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
143470	1828	1470	$\frac{2}{35}$	$\frac{33}{490}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1470}^2\ \Phi_{735}^2\ \Phi_{294}^2\ \Phi_{210}^2\ \Phi_{147}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
143471	1828	975	$\frac{4}{65}$	$\frac{61}{975}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{195}\ \Phi_{75}^2\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
143472	1828	1125	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{211}{1125}$	$\frac{1}{3}$	$\Phi_{1125}^2\ \Phi_{375}^2\ \Phi_{125}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
143473	1828	975	$\frac{61}{975}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{1}{3}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{195}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
143474	1828	495	$\frac{1}{15}$	$\frac{38}{495}$	$\frac{7}{45}$	$\frac{1}{3}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{33}^4\ \Phi_{15}^2\ \Phi_{11}^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
143475	1828	540	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{83}{540}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{60}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
143476	1828	495	$\frac{38}{495}$	$\frac{13}{165}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{495}^4\ \Phi_{165}^3\ \Phi_{99}^4\ \Phi_{55}^3\ \Phi_{45}^4\ \Phi_{33}^3\ \Phi_{15}^4\ \Phi_{11}^3\ \Phi_9^4\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
143477	1828	525	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{68}{525}$	$\frac{1}{3}$	$\Phi_{525}^4\ \Phi_{175}^4\ \Phi_{105}^4\ \Phi_{35}^4\ \Phi_{21}^4\ \Phi_{15}^2\ \Phi_7^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
143478	1828	567	$\frac{1}{63}$	$\frac{110}{567}$	$\frac{127}{567}$	$\frac{62}{189}$	$\Phi_{567}^3\ \Phi_{189}^4\ \Phi_{81}^3\ \Phi_{63}^3\ \Phi_{27}^4\ \Phi_{21}^3\ \Phi_9^3\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
143479	1828	675	$\frac{7}{225}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{218}{675}$	$\Phi_{675}^4\ \Phi_{135}^4\ \Phi_{27}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
143480	1828	648	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{25}{216}$	$\frac{191}{648}$	$\Phi_{648}^4\ \Phi_{324}^4\ \Phi_{162}^4\ \Phi_{81}^4\ \Phi_{27}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
143481	1828	486	$\frac{29}{486}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{81}$	$\Phi_{486}^4\ \Phi_{243}^4\ \Phi_{162}^4\ \Phi_{81}^2\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_9^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
143482	1828	630	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{37}{210}$	$\frac{173}{630}$	$\Phi_{630}^4\ \Phi_{315}^4\ \Phi_{126}^4\ \Phi_{90}^4\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{42}^4\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^4\ \Phi_7^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
143483	1828	504	$\frac{1}{21}$	$\frac{47}{504}$	$\frac{5}{21}$	$\frac{16}{63}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{72}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_7^3\ \Phi_6^4\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
143484	1828	522	$\frac{1}{29}$	$\frac{65}{522}$	$\frac{7}{29}$	$\frac{22}{87}$	$\Phi_{522}^4\ \Phi_{261}^4\ \Phi_{174}^4\ \Phi_{58}^4\ \Phi_{29}^3\ \Phi_{18}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_2^4\ \Phi_1^4$
143485	1828	580	$\frac{1}{29}$	$\frac{22}{145}$	$\frac{123}{580}$	$\frac{7}{29}$	$\Phi_{580}^4\ \Phi_{290}^4\ \Phi_{116}^4\ \Phi_{58}^4\ \Phi_{29}^3\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
143486	1828	588	$\frac{1}{21}$	$\frac{16}{147}$	$\frac{131}{588}$	$\frac{5}{21}$	$\Phi_{588}^4\ \Phi_{294}^4\ \Phi_{196}^4\ \Phi_{98}^4\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_7^3\ \Phi_6^4\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
143487	1828	540	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{83}{540}$	$\frac{25}{108}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
143488	1828	594	$\frac{23}{297}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{137}{594}$	$\Phi_{594}^4\ \Phi_{297}^2\ \Phi_{198}^4\ \Phi_{99}^2\ \Phi_{66}^4\ \Phi_{54}^4\ \Phi_{33}^2\ \Phi_{27}^4\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{11}^2\ \Phi_9^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
143489	1828	495	$\frac{38}{495}$	$\frac{1}{9}$	$\frac{7}{45}$	$\frac{2}{9}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{33}^4\ \Phi_{11}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
143490	1828	540	$\frac{7}{90}$	$\frac{1}{9}$	$\frac{83}{540}$	$\frac{2}{9}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{60}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
143491	1829	3648	$\frac{5}{1824}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1819}{3648}$	$\Phi_{3648}\ \Phi_{1216}\ \Phi_{192}\ \Phi_{64}\ \Phi_8\ \Phi_1$
143492	1829	1740	$\frac{1}{58}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{57}{116}$	$\Phi_{870}^2\ \Phi_{435}^2\ \Phi_{290}^2\ \Phi_{174}^2\ \Phi_{145}^2\ \Phi_{116}\ \Phi_{87}^2\ \Phi_{60}\ \Phi_{58}^2\ \Phi_{30}^2\ \Phi_{29}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
143493	1829	3828	$\frac{1}{58}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{57}{116}$	$\Phi_{3828}\ \Phi_{1276}\ \Phi_{132}\ \Phi_{116}\ \Phi_{44}\ \Phi_{33}\ \Phi_{11}\ \Phi_4\ \Phi_1$
143494	1829	5220	$\frac{1}{58}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{57}{116}$	$\Phi_{5220}\ \Phi_{1044}\ \Phi_{180}\ \Phi_{116}\ \Phi_{45}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
143495	1829	1160	$\frac{1}{58}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{57}{116}$	$\Phi_{1160}^2\ \Phi_{290}^2\ \Phi_{232}^2\ \Phi_{145}^2\ \Phi_{116}\ \Phi_{58}^2\ \Phi_{40}^3\ \Phi_{29}^2\ \Phi_{20}\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
143496	1829	4060	$\frac{1}{58}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{57}{116}$	$\Phi_{4060}\ \Phi_{812}\ \Phi_{140}\ \Phi_{116}\ \Phi_{35}\ \Phi_{28}\ \Phi_7\ \Phi_4\ \Phi_1$
143497	1829	1044	$\frac{1}{58}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{57}{116}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{261}^2\ \Phi_{174}^2\ \Phi_{116}\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{36}^3\ \Phi_{29}^2\ \Phi_{18}^3\ \Phi_{12}\ \Phi_9^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
143498	1829	1740	$\frac{1}{30}$	$\frac{1}{29}$	$\frac{28}{87}$	$\frac{29}{60}$	$\Phi_{1740}^2\ \Phi_{580}^2\ \Phi_{348}^2\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{60}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
143499	1829	1824	$\frac{1}{32}$	$\frac{2}{57}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{1824}\ \Phi_{912}\ \Phi_{608}\ \Phi_{456}\ \Phi_{304}\ \Phi_{228}\ \Phi_{152}\ \Phi_{96}^2\ \Phi_{76}\ \Phi_{57}\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
143500	1829	160	$\frac{1}{32}$	$\frac{1}{20}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{160}^{12}\ \Phi_{80}^{11}\ \Phi_{40}^{12}\ \Phi_{32}^{11}\ \Phi_{20}^{11}\ \Phi_{16}^{10}\ \Phi_{10}^{11}\ \Phi_{8}^{11}\ \Phi_{5}^{11}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
143501	1829	224	$\frac{1}{32}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{224}^{8}\ \Phi_{112}^{7}\ \Phi_{56}^{8}\ \Phi_{32}^{11}\ \Phi_{28}^{8}\ \Phi_{16}^{10}\ \Phi_{14}^{8}\ \Phi_{8}^{11}\ \Phi_{7}^{8}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
143502	1829	1760	$\frac{1}{32}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}^{2}\ \Phi_{88}\ \Phi_{80}^{2}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}^{2}\ \Phi_{32}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
143503	1829	288	$\frac{1}{32}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{288}^{8}\ \Phi_{144}^{8}\ \Phi_{96}^{4}\ \Phi_{72}^{7}\ \Phi_{48}^{4}\ \Phi_{36}^{7}\ \Phi_{32}^{3}\ \Phi_{24}^{4}\ \Phi_{18}^{7}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{7}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143504	1829	864	$\frac{1}{32}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{864}^{2}\ \Phi_{432}^{2}\ \Phi_{288}^{2}\ \Phi_{216}^{2}\ \Phi_{144}^{2}\ \Phi_{108}\ \Phi_{96}^{4}\ \Phi_{72}^{2}\ \Phi_{54}^{2}\ \Phi_{48}^{4}\ \Phi_{36}\ \Phi_{32}^{3}\ \Phi_{27}^{2}\ \Phi_{24}^{4}\ \Phi_{18}^{2}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143505	1829	840	$\frac{1}{60}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{840}^{4}\ \Phi_{280}^{4}\ \Phi_{168}^{4}\ \Phi_{120}^{4}\ \Phi_{60}^{3}\ \Phi_{56}^{3}\ \Phi_{40}^{4}\ \Phi_{30}^{3}\ \Phi_{24}^{4}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143506	1829	800	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{800}^{2}\ \Phi_{400}^{2}\ \Phi_{200}^{2}\ \Phi_{160}^{4}\ \Phi_{100}\ \Phi_{80}^{4}\ \Phi_{50}^{2}\ \Phi_{40}^{4}\ \Phi_{32}^{3}\ \Phi_{25}^{2}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143507	1829	96	$\frac{1}{32}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{96}^{19}\ \Phi_{48}^{20}\ \Phi_{32}^{18}\ \Phi_{24}^{20}\ \Phi_{16}^{19}\ \Phi_{12}^{19}\ \Phi_{8}^{19}\ \Phi_{6}^{19}\ \Phi_{4}^{18}\ \Phi_{3}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
143508	1829	2736	$\frac{5}{912}$	$\frac{1}{4}$	$\frac{907}{2736}$	$\frac{3}{8}$	$\Phi_{2736}\ \Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
143509	1829	1840	$\frac{11}{1840}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{368}\ \Phi_{230}\ \Phi_{184}\ \Phi_{115}\ \Phi_{92}\ \Phi_{80}\ \Phi_{46}\ \Phi_{40}\ \Phi_{23}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
143510	1829	2432	$\frac{5}{608}$	$\frac{603}{2432}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2432}\ \Phi_{1216}\ \Phi_{128}\ \Phi_{64}\ \Phi_{8}\ \Phi_{1}$
143511	1829	1848	$\frac{19}{1848}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{56}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}\ \Phi_{11}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
143512	1829	2280	$\frac{5}{456}$	$\frac{451}{2280}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{120}\ \Phi_{95}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
143513	1829	1856	$\frac{27}{1856}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{64}\ \Phi_{58}\ \Phi_{29}\ \Phi_{8}\ \Phi_{1}$
143514	1829	2128	$\frac{5}{304}$	$\frac{299}{2128}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{133}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
143515	1829	1872	$\frac{43}{1872}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
143516	1829	64	$\frac{1}{32}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{64}^{31}\ \Phi_{32}^{26}\ \Phi_{16}^{26}\ \Phi_{8}^{27}\ \Phi_{4}^{26}\ \Phi_{2}^{26}\ \Phi_{1}^{27}$
143517	1829	1976	$\frac{5}{152}$	$\frac{147}{1976}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1976}\ \Phi_{988}\ \Phi_{494}\ \Phi_{247}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
143518	1829	1920	$\frac{91}{1920}$	$\frac{5}{96}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
143519	1829	240	$\frac{1}{60}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{240}^{12}\ \Phi_{120}^{4}\ \Phi_{80}^{12}\ \Phi_{60}^{3}\ \Phi_{48}^{11}\ \Phi_{40}^{4}\ \Phi_{30}^{3}\ \Phi_{24}^{4}\ \Phi_{20}^{3}\ \Phi_{16}^{11}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143520	1829	1440	$\frac{1}{32}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{1440}\ \Phi_{720}\ \Phi_{480}^{2}\ \Phi_{360}\ \Phi_{288}\ \Phi_{240}^{2}\ \Phi_{180}\ \Phi_{160}^{2}\ \Phi_{144}\ \Phi_{120}^{2}\ \Phi_{96}^{2}\ \Phi_{80}^{2}\ \Phi_{72}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
143521	1829	957	$\frac{1}{29}$	$\frac{2}{33}$	$\frac{28}{87}$	$\frac{1}{3}$	$\Phi_{957}^{2}\ \Phi_{319}^{2}\ \Phi_{87}\ \Phi_{33}^{3}\ \Phi_{11}^{3}\ \Phi_{3}\ \Phi_{1}$
143522	1829	1305	$\frac{1}{29}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{28}{87}$	$\Phi_{1305}^{2}\ \Phi_{261}^{2}\ \Phi_{87}\ \Phi_{45}^{3}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$
143523	1829	3480	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{28}{87}$	$\Phi_{3480}\ \Phi_{1740}\ \Phi_{696}\ \Phi_{348}\ \Phi_{120}\ \Phi_{87}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
143524	1829	3045	$\frac{1}{29}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{28}{87}$	$\Phi_{3045}\ \Phi_{609}\ \Phi_{105}\ \Phi_{87}\ \Phi_{35}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
143525	1829	1044	$\frac{1}{29}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{28}{87}$	$\Phi_{1044}^{2}\ \Phi_{522}^{2}\ \Phi_{348}^{2}\ \Phi_{261}^{2}\ \Phi_{116}^{2}\ \Phi_{87}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
143526	1829	672	$\frac{1}{32}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{672}^{4}\ \Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{96}^{4}\ \Phi_{84}^{3}\ \Phi_{48}^{4}\ \Phi_{42}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{4}\ \Phi_{21}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143527	1829	288	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{288}^{6}\ \Phi_{144}^{6}\ \Phi_{96}^{8}\ \Phi_{72}^{5}\ \Phi_{48}^{8}\ \Phi_{36}^{5}\ \Phi_{32}^{7}\ \Phi_{24}^{7}\ \Phi_{18}^{6}\ \Phi_{16}^{7}\ \Phi_{12}^{7}\ \Phi_{9}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
143528	1830	2920	$\frac{1}{365}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{182}{365}$	$\Phi_{2920}\ \Phi_{584}\ \Phi_{365}\ \Phi_{73}\ \Phi_{40}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
143529	1830	3040	$\frac{1}{304}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{303}{608}$	$\Phi_{3040}\ \Phi_{608}^{2}\ \Phi_{160}\ \Phi_{32}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
143530	1830	1824	$\frac{1}{304}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{303}{608}$	$\Phi_{1824}^3\ \Phi_{96}^3\ \Phi_{12}\ \Phi_6$
143531	1830	3276	$\frac{1}{182}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{181}{364}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}^2\ \Phi_{252}\ \Phi_{156}\ \Phi_{84}\ \Phi_{52}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
143532	1830	1092	$\frac{1}{182}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{181}{364}$	$\Phi_{1092}^3\ \Phi_{364}^4\ \Phi_{156}^3\ \Phi_{84}^3\ \Phi_{52}^4\ \Phi_{28}^4\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
143533	1830	4242	$\frac{2}{303}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{301}{606}$	$\Phi_{4242}\ \Phi_{1414}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
143534	1830	3388	$\frac{1}{121}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{60}{121}$	$\Phi_{3388}\ \Phi_{484}\ \Phi_{308}\ \Phi_{121}\ \Phi_{44}\ \Phi_{28}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
143535	1830	847	$\frac{1}{121}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{60}{121}$	$\Phi_{847}^2\ \Phi_{121}^3\ \Phi_{77}^2\ \Phi_{11}^3\ \Phi_7^4\ \Phi_1^6$
143536	1830	1452	$\frac{1}{121}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{60}{121}$	$\Phi_{1452}^2\ \Phi_{726}\ \Phi_{484}\ \Phi_{363}\ \Phi_{132}^2\ \Phi_{121}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}^4\ \Phi_{11}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
143537	1830	2856	$\frac{1}{102}$	$\frac{1}{7}$	$\frac{103}{408}$	$\frac{101}{204}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{168}\ \Phi_{119}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
143538	1830	1829	$\frac{21}{1829}$	$\frac{185}{1829}$	$\frac{548}{1829}$	$\frac{904}{1829}$	$\Phi_{1829}\ \Phi_{59}\ \Phi_{31}\ \Phi_1^2$
143539	1830	2202	$\frac{5}{367}$	$\frac{1}{6}$	$\frac{62}{367}$	$\frac{181}{367}$	$\Phi_{2202}\ \Phi_{1101}\ \Phi_{734}$
143540	1830	1829	$\frac{25}{1829}$	$\frac{304}{1829}$	$\frac{309}{1829}$	$\frac{902}{1829}$	$\Phi_{1829}\ \Phi_{59}\ \Phi_{31}\ \Phi_1^2$
143541	1830	2444	$\frac{9}{611}$	$\frac{62}{611}$	$\frac{1}{4}$	$\frac{301}{611}$	$\Phi_{2444}\ \Phi_{1222}\ \Phi_{188}\ \Phi_{94}\ \Phi_{52}\ \Phi_{26}$
143542	1830	3480	$\frac{1}{60}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{59}{120}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{696}\ \Phi_{232}\ \Phi_{120}^2\ \Phi_{40}^2\ \Phi_{29}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
143543	1830	240	$\frac{1}{60}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{59}{120}$	$\Phi_{240}^8\ \Phi_{120}^6\ \Phi_{80}^8\ \Phi_{60}^8\ \Phi_{48}^9\ \Phi_{40}^6\ \Phi_{30}^8\ \Phi_{24}^7\ \Phi_{20}^8\ \Phi_{16}^8\ \Phi_{15}^8\ \Phi_{12}^9\ \Phi_{10}^8\ \Phi_8^6\ \Phi_6^9\ \Phi_5^8\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
143544	1830	3480	$\frac{1}{60}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{59}{120}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{696}\ \Phi_{232}\ \Phi_{120}^2\ \Phi_{40}^2\ \Phi_{29}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
143545	1830	1320	$\frac{1}{60}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{59}{120}$	$\Phi_{1320}^3\ \Phi_{440}^3\ \Phi_{264}^3\ \Phi_{88}^3\ \Phi_{44}\ \Phi_{22}$
143546	1830	3480	$\frac{1}{60}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{59}{120}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{696}\ \Phi_{232}\ \Phi_{120}^2\ \Phi_{40}^2\ \Phi_{29}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
143547	1830	840	$\frac{1}{60}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{59}{120}$	$\Phi_{840}^5\ \Phi_{280}^5\ \Phi_{168}^5\ \Phi_{56}^5\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
143548	1830	118	$\frac{1}{59}$	$\frac{2}{59}$	$\frac{57}{118}$	$\frac{29}{59}$	$\Phi_{118}^{30}\ \Phi_{59}\ \Phi_2^{30}\ \Phi_1^2$
143549	1830	236	$\frac{1}{59}$	$\frac{6}{59}$	$\frac{53}{236}$	$\frac{29}{59}$	$\Phi_{236}^{10}\ \Phi_{118}^{10}\ \Phi_{59}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^2$
143550	1830	354	$\frac{1}{59}$	$\frac{49}{354}$	$\frac{10}{59}$	$\frac{29}{59}$	$\Phi_{354}^6\ \Phi_{177}^6\ \Phi_{118}^6\ \Phi_{59}\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^2$
143551	1830	1798	$\frac{16}{899}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{883}{1798}$	$\Phi_{1798}^2\ \Phi_{62}^2\ \Phi_{58}^2\ \Phi_{31}\ \Phi_2^2\ \Phi_1^2$
143552	1830	1196	$\frac{6}{299}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{293}{598}$	$\Phi_{1196}^2\ \Phi_{299}^2\ \Phi_{92}^2\ \Phi_{52}^3\ \Phi_{26}\ \Phi_{23}^2\ \Phi_{13}^2\ \Phi_4^2\ \Phi_1^2$
143553	1830	1316	$\frac{1}{47}$	$\frac{24}{329}$	$\frac{1}{4}$	$\frac{23}{47}$	$\Phi_{1316}^2\ \Phi_{658}^2\ \Phi_{188}\ \Phi_{94}\ \Phi_{28}^2\ \Phi_{14}^2$
143554	1830	656	$\frac{1}{41}$	$\frac{1}{16}$	$\frac{21}{82}$	$\frac{20}{41}$	$\Phi_{656}^3\ \Phi_{328}^3\ \Phi_{164}^3\ \Phi_{82}\ \Phi_{41}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
143555	1830	4158	$\frac{8}{297}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{289}{594}$	$\Phi_{4158}\ \Phi_{1386}\ \Phi_{462}\ \Phi_{378}\ \Phi_{154}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
143556	1830	476	$\frac{1}{34}$	$\frac{7}{68}$	$\frac{1}{7}$	$\frac{33}{68}$	$\Phi_{476}^4\ \Phi_{238}^5\ \Phi_{119}^5\ \Phi_{28}^4\ \Phi_{14}^5\ \Phi_7^4$
143557	1830	118	$\frac{2}{59}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{57}{118}$	$\Phi_{118}^{30}\ \Phi_{59}\ \Phi_2^{30}\ \Phi_1^2$
143558	1830	1827	$\frac{2}{63}$	$\frac{1}{29}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{261}\ \Phi_{203}\ \Phi_{63}^2\ \Phi_{29}\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_1^2$
143559	1830	2610	$\frac{1}{30}$	$\frac{1}{29}$	$\frac{29}{90}$	$\frac{14}{29}$	$\Phi_{2610}\ \Phi_{1305}\ \Phi_{522}\ \Phi_{261}\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{29}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
143560	1830	1856	$\frac{1}{29}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{464}\ \Phi_{232}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{29}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
143561	1830	2320	$\frac{1}{29}$	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{14}{29}$	$\Phi_{2320}\ \Phi_{1160}\ \Phi_{464}\ \Phi_{232}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{29}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
143562	1830	1885	$\frac{1}{29}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{14}{29}$	$\Phi_{1885}\ \Phi_{377}\ \Phi_{65}^2\ \Phi_{29}\ \Phi_{13}^2\ \Phi_1^2$
143563	1830	2175	$\frac{1}{29}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{14}{29}$	$\Phi_{2175}\ \Phi_{725}\ \Phi_{75}^2\ \Phi_{29}\ \Phi_{25}^2\ \Phi_1^2$
143564	1830	1914	$\frac{1}{29}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{14}{29}$	$\Phi_{1914}\ \Phi_{957}\ \Phi_{638}\ \Phi_{319}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{29}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_1^2$
143565	1830	2088	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{14}{29}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{522}\ \Phi_{261}\ \Phi_{232}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{29}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_1^2$
143566	1830	2030	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{14}{29}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{406}\ \Phi_{203}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{29}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
143567	1830	589	$\frac{1}{31}$	$\frac{21}{589}$	$\frac{10}{31}$	$\frac{284}{589}$	$\Phi_{589}^{3}\,\Phi_{31}^{5}\,\Phi_{19}^{3}\,\Phi_{1}^{6}$
143568	1830	352	$\frac{7}{176}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{169}{352}$	$\Phi_{352}^{10}\,\Phi_{88}\,\Phi_{44}\,\Phi_{32}^{10}\,\Phi_{22}$
143569	1830	248	$\frac{1}{31}$	$\frac{3}{62}$	$\frac{65}{248}$	$\frac{59}{124}$	$\Phi_{248}^{10}\,\Phi_{62}^{10}\,\Phi_{31}^{9}\,\Phi_{8}^{10}\,\Phi_{2}^{10}\,\Phi_{1}^{10}$
143570	1830	1736	$\frac{1}{31}$	$\frac{47}{868}$	$\frac{15}{62}$	$\frac{821}{1736}$	$\Phi_{1736}^{2}\,\Phi_{248}^{2}\,\Phi_{62}^{2}\,\Phi_{56}^{2}\,\Phi_{31}\,\Phi_{8}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
143571	1830	4046	$\frac{16}{289}$	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{273}{578}$	$\Phi_{4046}\,\Phi_{238}\,\Phi_{119}\,\Phi_{14}$
143572	1830	2268	$\frac{1}{18}$	$\frac{19}{324}$	$\frac{1}{7}$	$\frac{17}{36}$	$\Phi_{2268}\,\Phi_{1134}\,\Phi_{756}\,\Phi_{567}\,\Phi_{378}\,\Phi_{189}\,\Phi_{126}\,\Phi_{63}\,\Phi_{42}\,\Phi_{21}\,\Phi_{14}$
143573	1830	4032	$\frac{1}{18}$	$\frac{17}{288}$	$\frac{1}{7}$	$\frac{271}{576}$	$\Phi_{4032}\,\Phi_{1344}\,\Phi_{448}\,\Phi_{126}\,\Phi_{63}\,\Phi_{42}\,\Phi_{21}\,\Phi_{14}$
143574	1830	2604	$\frac{1}{62}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{2604}^{2}\,\Phi_{372}^{2}\,\Phi_{186}\,\Phi_{93}\,\Phi_{84}\,\Phi_{12}\,\Phi_{6}$
143575	1830	924	$\frac{1}{14}$	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{13}{28}$	$\Phi_{924}^{4}\,\Phi_{308}^{3}\,\Phi_{132}^{4}\,\Phi_{84}^{4}\,\Phi_{66}^{2}\,\Phi_{44}^{3}\,\Phi_{33}^{2}\,\Phi_{28}^{4}\,\Phi_{22}^{2}\,\Phi_{12}^{4}\,\Phi_{11}\,\Phi_{6}^{2}\,\Phi_{4}^{4}\,\Phi_{3}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
143576	1830	341	$\frac{1}{31}$	$\frac{25}{341}$	$\frac{6}{31}$	$\frac{158}{341}$	$\Phi_{341}^{5}\,\Phi_{31}^{9}\,\Phi_{11}^{5}\,\Phi_{1}^{10}$
143577	1830	312	$\frac{7}{312}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{312}^{6}\,\Phi_{156}^{6}\,\Phi_{104}^{6}\,\Phi_{78}^{6}\,\Phi_{52}^{5}\,\Phi_{39}^{6}\,\Phi_{26}^{5}\,\Phi_{24}^{6}\,\Phi_{13}^{6}\,\Phi_{12}^{6}\,\Phi_{8}^{6}\,\Phi_{6}^{6}\,\Phi_{4}^{4}\,\Phi_{3}^{6}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
143578	1830	372	$\frac{1}{31}$	$\frac{5}{62}$	$\frac{67}{372}$	$\frac{57}{124}$	$\Phi_{372}^{6}\,\Phi_{186}^{6}\,\Phi_{93}^{6}\,\Phi_{62}^{6}\,\Phi_{31}^{5}\,\Phi_{12}^{6}\,\Phi_{6}^{6}\,\Phi_{3}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{6}$
143579	1830	564	$\frac{1}{47}$	$\frac{23}{282}$	$\frac{1}{4}$	$\frac{259}{564}$	$\Phi_{564}^{2}\,\Phi_{282}^{4}\,\Phi_{188}^{3}\,\Phi_{141}^{4}\,\Phi_{94}^{5}\,\Phi_{47}^{4}\,\Phi_{12}^{2}\,\Phi_{6}^{4}\,\Phi_{4}^{2}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
143580	1830	558	$\frac{1}{31}$	$\frac{26}{279}$	$\frac{5}{31}$	$\frac{253}{558}$	$\Phi_{558}^{6}\,\Phi_{186}^{6}\,\Phi_{62}^{6}\,\Phi_{31}^{5}\,\Phi_{18}^{6}\,\Phi_{6}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{6}$
143581	1830	1652	$\frac{1}{59}$	$\frac{89}{826}$	$\frac{29}{118}$	$\frac{737}{1652}$	$\Phi_{1652}^{2}\,\Phi_{236}^{2}\,\Phi_{118}^{2}\,\Phi_{59}\,\Phi_{28}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
143582	1830	819	$\frac{1}{91}$	$\frac{1}{9}$	$\frac{30}{91}$	$\frac{4}{9}$	$\Phi_{819}^{2}\,\Phi_{273}^{2}\,\Phi_{117}^{2}\,\Phi_{91}^{4}\,\Phi_{63}^{2}\,\Phi_{39}^{2}\,\Phi_{21}^{2}\,\Phi_{13}^{4}\,\Phi_{9}^{3}\,\Phi_{7}^{4}\,\Phi_{3}^{3}\,\Phi_{1}^{6}$
143583	1830	1116	$\frac{1}{62}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1116}^{2}\,\Phi_{558}\,\Phi_{372}^{2}\,\Phi_{279}\,\Phi_{186}\,\Phi_{124}^{4}\,\Phi_{93}\,\Phi_{62}^{2}\,\Phi_{36}\,\Phi_{31}^{2}\,\Phi_{12}\,\Phi_{9}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
143584	1830	63	$\frac{2}{63}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{63}^{29}\,\Phi_{21}^{29}\,\Phi_{9}^{30}\,\Phi_{7}^{28}\,\Phi_{3}^{30}\,\Phi_{1}^{30}$
143585	1830	1872	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{25}{208}$	$\frac{4}{9}$	$\Phi_{1872}\,\Phi_{936}\,\Phi_{624}\,\Phi_{468}\,\Phi_{312}\,\Phi_{208}^{2}\,\Phi_{156}\,\Phi_{144}\,\Phi_{104}^{2}\,\Phi_{72}\,\Phi_{52}^{2}\,\Phi_{48}\,\Phi_{36}\,\Phi_{24}\,\Phi_{16}^{2}\,\Phi_{12}\,\Phi_{9}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
143586	1830	585	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{585}^{3}\,\Phi_{195}^{3}\,\Phi_{117}^{2}\,\Phi_{65}^{6}\,\Phi_{45}^{3}\,\Phi_{39}^{2}\,\Phi_{15}^{3}\,\Phi_{13}^{4}\,\Phi_{9}^{3}\,\Phi_{5}^{6}\,\Phi_{3}^{3}\,\Phi_{1}^{6}$
143587	1830	1764	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1764}\,\Phi_{882}\,\Phi_{588}\,\Phi_{441}\,\Phi_{294}\,\Phi_{252}\,\Phi_{196}^{2}\,\Phi_{147}\,\Phi_{98}^{2}\,\Phi_{84}\,\Phi_{49}^{2}\,\Phi_{36}\,\Phi_{28}^{2}\,\Phi_{12}\,\Phi_{9}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
143588	1830	3808	$\frac{1}{34}$	$\frac{33}{272}$	$\frac{1}{7}$	$\frac{239}{544}$	$\Phi_{3808}\,\Phi_{238}\,\Phi_{224}\,\Phi_{119}\,\Phi_{14}$
143589	1830	704	$\frac{3}{64}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{704}^{3}\,\Phi_{352}^{3}\,\Phi_{176}^{2}\,\Phi_{88}^{3}\,\Phi_{44}^{3}\,\Phi_{22}^{3}\,\Phi_{11}^{2}$
143590	1830	1829	$\frac{17}{1829}$	$\frac{245}{1829}$	$\frac{604}{1829}$	$\frac{792}{1829}$	$\Phi_{1829}\,\Phi_{59}\,\Phi_{31}\,\Phi_{1}^{2}$
143591	1830	3542	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{22}{161}$	$\frac{139}{322}$	$\Phi_{3542}\,\Phi_{506}\,\Phi_{253}\,\Phi_{154}\,\Phi_{22}$
143592	1830	62	$\frac{1}{62}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{62}^{30}\,\Phi_{31}^{29}\,\Phi_{2}^{30}\,\Phi_{1}^{30}$
143593	1830	2184	$\frac{7}{312}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2184}\,\Phi_{1092}\,\Phi_{728}\,\Phi_{546}\,\Phi_{364}\,\Phi_{273}\,\Phi_{182}\,\Phi_{168}\,\Phi_{91}\,\Phi_{56}\,\Phi_{42}\,\Phi_{21}\,\Phi_{14}$
143594	1830	310	$\frac{1}{31}$	$\frac{3}{31}$	$\frac{28}{155}$	$\frac{127}{310}$	$\Phi_{310}^{10}\,\Phi_{62}^{10}\,\Phi_{31}^{9}\,\Phi_{10}^{10}\,\Phi_{2}^{10}\,\Phi_{1}^{10}$
143595	1830	714	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{10}{51}$	$\frac{41}{102}$	$\Phi_{714}^{5}\,\Phi_{357}\,\Phi_{238}^{5}\,\Phi_{119}\,\Phi_{42}^{5}\,\Phi_{21}\,\Phi_{14}^{5}$
143596	1830	1829	$\frac{24}{1829}$	$\frac{361}{1829}$	$\frac{365}{1829}$	$\frac{734}{1829}$	$\Phi_{1829}\,\Phi_{59}\,\Phi_{31}\,\Phi_{1}^{2}$
143597	1830	2444	$\frac{6}{611}$	$\frac{121}{611}$	$\frac{1}{4}$	$\frac{245}{611}$	$\Phi_{2444}\,\Phi_{1222}\,\Phi_{188}\,\Phi_{94}\,\Phi_{52}\,\Phi_{26}$
143598	1830	2280	$\frac{1}{152}$	$\frac{1}{5}$	$\frac{151}{456}$	$\frac{2}{5}$	$\Phi_{2280}\,\Phi_{1140}\,\Phi_{570}\,\Phi_{456}^{2}\,\Phi_{285}\,\Phi_{228}^{2}\,\Phi_{120}\,\Phi_{114}^{2}\,\Phi_{60}\,\Phi_{57}^{2}\,\Phi_{30}\,\Phi_{24}^{2}\,\Phi_{15}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{5}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
143599	1830	1540	$\frac{3}{308}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1540}\,\Phi_{770}\,\Phi_{385}\,\Phi_{308}^{2}\,\Phi_{220}\,\Phi_{154}^{2}\,\Phi_{140}\,\Phi_{110}\,\Phi_{77}^{2}\,\Phi_{70}\,\Phi_{55}\,\Phi_{44}^{2}\,\Phi_{35}\,\Phi_{28}^{2}\,\Phi_{22}^{2}\,\Phi_{14}^{2}\,\Phi_{11}^{2}\,\Phi_{7}^{2}\,\Phi_{5}\,\Phi_{1}^{2}$
143600	1830	380	$\frac{1}{76}$	$\frac{15}{76}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{380}^{4}\,\Phi_{190}^{4}\,\Phi_{95}^{4}\,\Phi_{76}^{8}\,\Phi_{38}^{8}\,\Phi_{20}^{4}\,\Phi_{19}^{8}\,\Phi_{10}^{4}\,\Phi_{5}^{5}\,\Phi_{4}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{10}$
143601	1830	930	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{930}^{2}\,\Phi_{465}^{2}\,\Phi_{310}\,\Phi_{186}^{4}\,\Phi_{155}\,\Phi_{93}^{4}\,\Phi_{62}^{2}\,\Phi_{31}^{2}\,\Phi_{30}\,\Phi_{15}\,\Phi_{6}^{2}\,\Phi_{5}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
143602	1830	1560	$\frac{7}{312}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}^2\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{30}\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
143603	1830	1710	$\frac{1}{38}$	$\frac{37}{342}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{342}^2\ \Phi_{285}\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{90}\ \Phi_{57}^2\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
143604	1830	320	$\frac{3}{64}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{320}^5\ \Phi_{160}^5\ \Phi_{80}^4\ \Phi_{64}^{10}\ \Phi_{40}^4\ \Phi_{32}^{10}\ \Phi_{20}^4\ \Phi_{16}^8\ \Phi_{10}^4\ \Phi_8^8\ \Phi_5^5\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{10}$
143605	1830	1615	$\frac{1}{19}$	$\frac{18}{323}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1615}\ \Phi_{323}^2\ \Phi_{85}\ \Phi_{17}^2\ \Phi_5\ \Phi_1^2$
143606	1830	496	$\frac{1}{31}$	$\frac{5}{62}$	$\frac{57}{248}$	$\frac{191}{496}$	$\Phi_{496}^6\ \Phi_{62}^6\ \Phi_{31}^5\ \Phi_{16}^6\ \Phi_2^6\ \Phi_1^6$
143607	1830	992	$\frac{1}{31}$	$\frac{77}{992}$	$\frac{15}{62}$	$\frac{47}{124}$	$\Phi_{992}^2\ \Phi_{496}^2\ \Phi_{248}^2\ \Phi_{62}^2\ \Phi_{32}^2\ \Phi_{31}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
143608	1830	552	$\frac{1}{184}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{552}^5\ \Phi_{276}^5\ \Phi_{138}^5\ \Phi_{69}^5\ \Phi_{24}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
143609	1830	2920	$\frac{2}{365}$	$\frac{1}{4}$	$\frac{121}{365}$	$\frac{3}{8}$	$\Phi_{2920}\ \Phi_{584}\ \Phi_{365}\ \Phi_{73}\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
143610	1830	984	$\frac{1}{123}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{984}^3\ \Phi_{492}\ \Phi_{328}^3\ \Phi_{246}\ \Phi_{164}\ \Phi_{82}\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
143611	1830	1480	$\frac{2}{185}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1480}^2\ \Phi_{296}^2\ \Phi_{185}^2\ \Phi_{40}\ \Phi_{37}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
143612	1830	584	$\frac{1}{73}$	$\frac{12}{73}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{584}^5\ \Phi_{73}^5\ \Phi_8^6\ \Phi_1^6$
143613	1830	1736	$\frac{1}{62}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1736}^2\ \Phi_{434}\ \Phi_{217}\ \Phi_{56}\ \Phi_{14}$
143614	1830	1829	$\frac{19}{1829}$	$\frac{362}{1829}$	$\frac{489}{1829}$	$\frac{670}{1829}$	$\Phi_{1829}\ \Phi_{59}\ \Phi_{31}\ \Phi_1^2$
143615	1830	62	$\frac{1}{62}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{62}^{30}\ \Phi_{31}^{29}\ \Phi_2^{30}\ \Phi_1^{30}$
143616	1830	472	$\frac{1}{59}$	$\frac{29}{236}$	$\frac{69}{236}$	$\frac{167}{472}$	$\Phi_{472}^6\ \Phi_{236}^2\ \Phi_{118}^2\ \Phi_{59}\ \Phi_8^6\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
143617	1830	93	$\frac{1}{31}$	$\frac{2}{31}$	$\frac{29}{93}$	$\frac{32}{93}$	$\Phi_{93}^{15}\ \Phi_{31}^{29}\ \Phi_3^{15}\ \Phi_1^{30}$
143618	1830	1012	$\frac{1}{46}$	$\frac{1}{11}$	$\frac{15}{46}$	$\frac{31}{92}$	$\Phi_{1012}^3\ \Phi_{506}\ \Phi_{253}\ \Phi_{44}^3\ \Phi_{22}$
143619	1830	1829	$\frac{26}{1829}$	$\frac{243}{1829}$	$\frac{601}{1829}$	$\frac{614}{1829}$	$\Phi_{1829}\ \Phi_{59}\ \Phi_{31}\ \Phi_1^2$
143620	1830	2202	$\frac{4}{367}$	$\frac{1}{6}$	$\frac{121}{367}$	$\frac{123}{367}$	$\Phi_{2202}\ \Phi_{1101}\ \Phi_{734}$
143621	1830	1374	$\frac{1}{229}$	$\frac{76}{229}$	$\frac{1}{3}$	$\frac{153}{458}$	$\Phi_{1374}^3\ \Phi_{687}\ \Phi_6^3$
143622	1830	1008	$\frac{2}{63}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_6$
143623	1830	456	$\frac{1}{152}$	$\frac{1}{4}$	$\frac{151}{456}$	$\frac{1}{3}$	$\Phi_{456}^3\ \Phi_{228}^3\ \Phi_{152}^6\ \Phi_{114}^3\ \Phi_{76}^6\ \Phi_{57}^3\ \Phi_{38}^6\ \Phi_{24}^3\ \Phi_{19}^6\ \Phi_{12}^4\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
143624	1830	546	$\frac{1}{91}$	$\frac{1}{6}$	$\frac{30}{91}$	$\frac{1}{3}$	$\Phi_{546}^4\ \Phi_{273}^2\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{78}^4\ \Phi_{42}^4\ \Phi_{39}^2\ \Phi_{26}^4\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_{13}^4\ \Phi_7^4\ \Phi_6^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
143625	1830	2748	$\frac{13}{916}$	$\frac{123}{916}$	$\frac{301}{916}$	$\frac{1}{3}$	$\Phi_{2748}\ \Phi_{1374}\ \Phi_{687}\ \Phi_{12}\ \Phi_6$
143626	1830	720	$\frac{1}{30}$	$\frac{1}{16}$	$\frac{29}{90}$	$\frac{1}{3}$	$\Phi_{720}^4\ \Phi_{360}^4\ \Phi_{180}^4\ \Phi_{144}^4\ \Phi_{90}^2\ \Phi_{72}^4\ \Phi_{48}\ \Phi_{45}^2\ \Phi_{36}^4\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
143627	1830	1827	$\frac{2}{63}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{261}\ \Phi_{203}\ \Phi_{63}^2\ \Phi_{29}\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_1^2$
143628	1830	1302	$\frac{1}{62}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{1302}^2\ \Phi_{651}^2\ \Phi_{186}^3\ \Phi_{93}^3\ \Phi_{42}^2\ \Phi_6^3$
143629	1830	2748	$\frac{11}{916}$	$\frac{181}{916}$	$\frac{245}{916}$	$\frac{1}{3}$	$\Phi_{2748}\ \Phi_{1374}\ \Phi_{687}\ \Phi_{12}\ \Phi_6$
143630	1830	924	$\frac{3}{308}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^3\ \Phi_{462}^3\ \Phi_{231}^3\ \Phi_{132}^3\ \Phi_{84}^3\ \Phi_{66}^3\ \Phi_{42}^3\ \Phi_{33}^3\ \Phi_{21}^3\ \Phi_{12}\ \Phi_6$
143631	1830	3648	$\frac{3}{304}$	$\frac{301}{1216}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3648}\ \Phi_{1824}\ \Phi_{192}\ \Phi_{96}\ \Phi_{12}\ \Phi_6$
143632	1830	228	$\frac{1}{76}$	$\frac{15}{76}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^{12}\ \Phi_{114}^{12}\ \Phi_{57}^{12}\ \Phi_{12}^{13}\ \Phi_6^{13}\ \Phi_3^{12}$
143633	1830	2784	$\frac{13}{928}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2784}\ \Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{96}\ \Phi_{87}\ \Phi_{12}\ \Phi_6$
143634	1830	372	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{372}^6\ \Phi_{186}^3\ \Phi_{124}^8\ \Phi_{93}^3\ \Phi_{62}^4\ \Phi_{31}^4\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
143635	1830	3192	$\frac{3}{152}$	$\frac{149}{1064}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3192}\ \Phi_{1596}\ \Phi_{798}\ \Phi_{399}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
143636	1830	312	$\frac{7}{312}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{312}^6\ \Phi_{156}^6\ \Phi_{104}^6\ \Phi_{78}^6\ \Phi_{52}^6\ \Phi_{39}^6\ \Phi_{26}^6\ \Phi_{24}^3\ \Phi_{13}^6\ \Phi_{12}^4\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
143637	1830	684	$\frac{1}{38}$	$\frac{37}{342}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{684}^{4}\,\Phi_{342}^{2}\,\Phi_{228}^{2}\,\Phi_{171}^{2}\,\Phi_{114}\,\Phi_{76}^{4}\,\Phi_{57}\,\Phi_{38}^{2}\,\Phi_{36}^{4}\,\Phi_{19}^{2}\,\Phi_{18}^{2}\,\Phi_{12}^{3}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{4}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
143638	1830	2772	$\frac{2}{63}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2772}\,\Phi_{1386}\,\Phi_{924}\,\Phi_{462}\,\Phi_{396}\,\Phi_{308}\,\Phi_{198}\,\Phi_{154}\,\Phi_{44}\,\Phi_{22}$
143639	1830	2964	$\frac{3}{76}$	$\frac{73}{988}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2964}\,\Phi_{1482}\,\Phi_{741}\,\Phi_{156}\,\Phi_{78}\,\Phi_{39}\,\Phi_{12}\,\Phi_{6}$
143640	1830	192	$\frac{3}{64}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{192}^{15}\,\Phi_{96}^{15}\,\Phi_{48}^{12}\,\Phi_{24}^{12}\,\Phi_{12}^{13}\,\Phi_{6}^{13}\,\Phi_{3}^{12}$
143641	1830	3876	$\frac{1}{19}$	$\frac{18}{323}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3876}\,\Phi_{1938}\,\Phi_{204}\,\Phi_{102}\,\Phi_{12}\,\Phi_{6}$
143642	1830	240	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{19}{80}$	$\frac{1}{3}$	$\Phi_{240}^{11}\,\Phi_{120}^{11}\,\Phi_{60}^{12}\,\Phi_{48}^{12}\,\Phi_{30}^{12}\,\Phi_{24}^{12}\,\Phi_{15}^{12}\,\Phi_{12}^{13}\,\Phi_{6}^{13}\,\Phi_{3}^{12}$
143643	1830	3120	$\frac{4}{65}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3120}\,\Phi_{1560}\,\Phi_{780}\,\Phi_{624}\,\Phi_{390}\,\Phi_{312}\,\Phi_{156}\,\Phi_{78}\,\Phi_{48}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}$
143644	1830	1200	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{1}{3}$	$\Phi_{1200}^{2}\,\Phi_{600}^{2}\,\Phi_{400}^{2}\,\Phi_{300}^{2}\,\Phi_{200}^{2}\,\Phi_{150}^{2}\,\Phi_{100}^{2}\,\Phi_{50}^{2}\,\Phi_{48}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}$
143645	1830	1827	$\frac{2}{63}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{1827}\,\Phi_{609}\,\Phi_{261}\,\Phi_{203}\,\Phi_{63}^{2}\,\Phi_{29}\,\Phi_{21}^{2}\,\Phi_{9}^{2}\,\Phi_{7}^{2}\,\Phi_{1}^{2}$
143646	1830	126	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{126}^{18}\,\Phi_{63}^{12}\,\Phi_{42}^{16}\,\Phi_{21}^{11}\,\Phi_{18}^{18}\,\Phi_{14}^{16}\,\Phi_{9}^{12}\,\Phi_{7}^{10}\,\Phi_{6}^{18}\,\Phi_{3}^{12}\,\Phi_{2}^{18}\,\Phi_{1}^{12}$
143647	1830	624	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{624}^{3}\,\Phi_{312}^{3}\,\Phi_{208}^{4}\,\Phi_{156}^{3}\,\Phi_{104}^{4}\,\Phi_{52}^{4}\,\Phi_{48}^{3}\,\Phi_{24}^{3}\,\Phi_{16}^{4}\,\Phi_{12}^{3}\,\Phi_{8}^{4}\,\Phi_{6}^{2}\,\Phi_{4}^{4}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
143648	1830	390	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{390}^{6}\,\Phi_{195}^{3}\,\Phi_{130}^{6}\,\Phi_{78}^{4}\,\Phi_{65}^{6}\,\Phi_{39}^{2}\,\Phi_{30}^{6}\,\Phi_{26}^{4}\,\Phi_{15}^{3}\,\Phi_{13}^{4}\,\Phi_{10}^{6}\,\Phi_{6}^{6}\,\Phi_{5}^{6}\,\Phi_{3}^{3}\,\Phi_{2}^{6}\,\Phi_{1}^{6}$
143649	1830	528	$\frac{1}{16}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{528}^{4}\,\Phi_{264}^{4}\,\Phi_{176}^{4}\,\Phi_{132}^{4}\,\Phi_{88}^{4}\,\Phi_{66}^{2}\,\Phi_{48}\,\Phi_{44}^{4}\,\Phi_{33}^{2}\,\Phi_{24}\,\Phi_{22}^{2}\,\Phi_{12}\,\Phi_{11}^{2}\,\Phi_{6}$
143650	1830	588	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{588}^{3}\,\Phi_{294}^{3}\,\Phi_{196}^{4}\,\Phi_{147}^{3}\,\Phi_{98}^{4}\,\Phi_{84}^{3}\,\Phi_{49}^{4}\,\Phi_{28}^{4}\,\Phi_{12}^{3}\,\Phi_{6}^{2}\,\Phi_{4}^{4}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
143651	1830	144	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{3}$	$\Phi_{144}^{16}\,\Phi_{72}^{14}\,\Phi_{48}^{9}\,\Phi_{36}^{14}\,\Phi_{24}^{7}\,\Phi_{18}^{14}\,\Phi_{16}^{8}\,\Phi_{12}^{9}\,\Phi_{9}^{14}\,\Phi_{8}^{6}\,\Phi_{6}^{9}\,\Phi_{4}^{8}\,\Phi_{3}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
143652	1830	2160	$\frac{1}{16}$	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2160}\,\Phi_{1080}\,\Phi_{720}\,\Phi_{540}\,\Phi_{432}\,\Phi_{360}\,\Phi_{270}\,\Phi_{216}\,\Phi_{180}\,\Phi_{144}\,\Phi_{108}\,\Phi_{90}\,\Phi_{72}\,\Phi_{54}\,\Phi_{48}\,\Phi_{36}\,\Phi_{24}\,\Phi_{18}\,\Phi_{12}\,\Phi_{6}$
143653	1830	1680	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{3}$	$\Phi_{1680}^{2}\,\Phi_{840}^{2}\,\Phi_{420}^{2}\,\Phi_{336}^{2}\,\Phi_{210}\,\Phi_{168}^{2}\,\Phi_{105}\,\Phi_{84}^{2}\,\Phi_{48}\,\Phi_{42}\,\Phi_{24}\,\Phi_{21}\,\Phi_{12}\,\Phi_{6}$
143654	1830	564	$\frac{1}{47}$	$\frac{19}{141}$	$\frac{1}{4}$	$\frac{46}{141}$	$\Phi_{564}^{4}\,\Phi_{282}^{4}\,\Phi_{188}^{5}\,\Phi_{94}^{5}\,\Phi_{12}^{4}\,\Phi_{6}^{4}\,\Phi_{4}^{4}\,\Phi_{2}^{4}$
143655	1830	2610	$\frac{1}{30}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{29}{90}$	$\Phi_{2610}\,\Phi_{1305}\,\Phi_{522}\,\Phi_{261}\,\Phi_{90}^{2}\,\Phi_{45}^{2}\,\Phi_{29}\,\Phi_{18}^{2}\,\Phi_{9}^{2}\,\Phi_{1}^{2}$
143656	1830	1980	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{29}{90}$	$\Phi_{1980}^{2}\,\Phi_{990}\,\Phi_{495}\,\Phi_{396}^{2}\,\Phi_{198}\,\Phi_{99}\,\Phi_{44}\,\Phi_{22}$
143657	1830	2610	$\frac{1}{30}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{29}{90}$	$\Phi_{2610}\,\Phi_{1305}\,\Phi_{522}\,\Phi_{261}\,\Phi_{90}^{2}\,\Phi_{45}^{2}\,\Phi_{29}\,\Phi_{18}^{2}\,\Phi_{9}^{2}\,\Phi_{1}^{2}$
143658	1830	630	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{29}{90}$	$\Phi_{630}^{5}\,\Phi_{315}^{5}\,\Phi_{126}^{5}\,\Phi_{63}^{5}\,\Phi_{42}\,\Phi_{21}\,\Phi_{14}$
143659	1830	3588	$\frac{12}{299}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{287}{897}$	$\Phi_{3588}\,\Phi_{1794}\,\Phi_{276}\,\Phi_{156}\,\Phi_{138}\,\Phi_{78}\,\Phi_{52}\,\Phi_{26}\,\Phi_{12}\,\Phi_{6}$
143660	1830	1856	$\frac{3}{64}$	$\frac{2}{29}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{1856}\,\Phi_{928}\,\Phi_{464}\,\Phi_{232}\,\Phi_{64}^{2}\,\Phi_{32}^{2}\,\Phi_{29}\,\Phi_{16}^{2}\,\Phi_{8}^{2}\,\Phi_{1}^{2}$
143661	1830	2320	$\frac{1}{20}$	$\frac{2}{29}$	$\frac{19}{80}$	$\frac{9}{29}$	$\Phi_{2320}\,\Phi_{1160}\,\Phi_{464}\,\Phi_{232}\,\Phi_{80}^{2}\,\Phi_{40}^{2}\,\Phi_{29}\,\Phi_{16}^{2}\,\Phi_{8}^{2}\,\Phi_{1}^{2}$
143662	1830	1885	$\frac{4}{65}$	$\frac{2}{29}$	$\frac{1}{5}$	$\frac{9}{29}$	$\Phi_{1885}\,\Phi_{377}\,\Phi_{65}^{2}\,\Phi_{29}\,\Phi_{13}^{2}\,\Phi_{1}^{2}$
143663	1830	2175	$\frac{1}{15}$	$\frac{2}{29}$	$\frac{14}{75}$	$\frac{9}{29}$	$\Phi_{2175}\,\Phi_{725}\,\Phi_{75}^{2}\,\Phi_{29}\,\Phi_{25}^{2}\,\Phi_{1}^{2}$
143664	1830	1914	$\frac{2}{29}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{9}{29}$	$\Phi_{1914}\,\Phi_{957}\,\Phi_{638}\,\Phi_{319}\,\Phi_{66}^{2}\,\Phi_{33}^{2}\,\Phi_{29}\,\Phi_{22}^{2}\,\Phi_{11}^{2}\,\Phi_{1}^{2}$
143665	1830	2088	$\frac{2}{29}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{9}{29}$	$\Phi_{2088}\,\Phi_{1044}\,\Phi_{696}\,\Phi_{522}\,\Phi_{261}\,\Phi_{232}\,\Phi_{72}^{2}\,\Phi_{36}^{2}\,\Phi_{29}\,\Phi_{24}^{2}\,\Phi_{18}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{1}^{2}$
143666	1830	2030	$\frac{2}{29}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{9}{29}$	$\Phi_{2030}\,\Phi_{1015}\,\Phi_{406}\,\Phi_{203}\,\Phi_{70}^{2}\,\Phi_{35}^{2}\,\Phi_{29}\,\Phi_{14}^{2}\,\Phi_{7}^{2}\,\Phi_{1}^{2}$
143667	1830	88	$\frac{7}{88}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{27}{88}$	$\Phi_{88}^{21}\,\Phi_{44}^{21}\,\Phi_{22}^{21}\,\Phi_{11}^{20}\,\Phi_{8}^{20}\,\Phi_{4}^{20}\,\Phi_{2}^{20}\,\Phi_{1}^{20}$
143668	1830	434	$\frac{1}{31}$	$\frac{47}{434}$	$\frac{15}{62}$	$\frac{129}{434}$	$\Phi_{434}^{4}\,\Phi_{217}^{4}\,\Phi_{62}^{6}\,\Phi_{31}^{5}\,\Phi_{14}^{4}\,\Phi_{7}^{4}\,\Phi_{2}^{6}\,\Phi_{1}^{6}$
143669	1830	2268	$\frac{19}{324}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{27}$	$\Phi_{2268}\,\Phi_{1134}\,\Phi_{756}\,\Phi_{567}\,\Phi_{378}\,\Phi_{252}\,\Phi_{126}\,\Phi_{84}\,\Phi_{63}\,\Phi_{42}\,\Phi_{28}\,\Phi_{21}\,\Phi_{14}$
143670	1830	3024	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{1}{7}$	$\frac{127}{432}$	$\Phi_{3024}\,\Phi_{1512}\,\Phi_{756}\,\Phi_{378}\,\Phi_{189}\,\Phi_{126}\,\Phi_{63}\,\Phi_{42}\,\Phi_{21}\,\Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
143671	1830	462	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{462}^{4}\ \Phi_{231}^{4}\ \Phi_{154}^{4}\ \Phi_{77}^{2}\ \Phi_{66}^{6}\ \Phi_{42}^{4}\ \Phi_{33}^{6}\ \Phi_{22}^{6}\ \Phi_{21}^{4}\ \Phi_{14}^{4}\ \Phi_{11}^{3}\ \Phi_{7}^{4}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
143672	1830	372	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{67}{372}$	$\frac{26}{93}$	$\Phi_{372}^{6}\ \Phi_{186}^{6}\ \Phi_{124}^{6}\ \Phi_{62}^{6}\ \Phi_{31}^{5}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
143673	1830	1692	$\frac{1}{47}$	$\frac{23}{141}$	$\frac{1}{4}$	$\frac{118}{423}$	$\Phi_{1692}^{2}\ \Phi_{846}^{2}\ \Phi_{188}\ \Phi_{94}\ \Phi_{36}^{2}\ \Phi_{18}^{2}$
143674	1830	2856	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{33}{136}$	$\frac{103}{408}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{168}\ \Phi_{119}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
143675	1830	704	$\frac{3}{64}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{704}^{3}\ \Phi_{352}^{3}\ \Phi_{176}^{3}\ \Phi_{88}^{3}\ \Phi_{44}\ \Phi_{22}$
143676	1830	376	$\frac{1}{47}$	$\frac{71}{376}$	$\frac{23}{94}$	$\frac{1}{4}$	$\Phi_{376}^{6}\ \Phi_{188}^{3}\ \Phi_{94}^{5}\ \Phi_{47}^{4}\ \Phi_{8}^{6}\ \Phi_{4}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
143677	1830	880	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{19}{80}$	$\frac{1}{4}$	$\Phi_{880}^{3}\ \Phi_{440}^{3}\ \Phi_{176}^{3}\ \Phi_{88}^{3}\ \Phi_{44}\ \Phi_{22}$
143678	1830	260	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{260}^{10}\ \Phi_{130}^{10}\ \Phi_{52}^{7}\ \Phi_{26}^{7}\ \Phi_{20}^{10}\ \Phi_{10}^{10}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
143679	1830	2860	$\frac{4}{65}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2860}\ \Phi_{1430}\ \Phi_{572}\ \Phi_{286}\ \Phi_{44}\ \Phi_{22}$
143680	1830	564	$\frac{2}{47}$	$\frac{19}{141}$	$\frac{9}{47}$	$\frac{1}{4}$	$\Phi_{564}^{5}\ \Phi_{282}^{5}\ \Phi_{188}^{3}\ \Phi_{94}^{3}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
143681	1830	3300	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{14}{75}$	$\frac{1}{4}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{44}\ \Phi_{22}$
143682	1830	1856	$\frac{3}{64}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{464}\ \Phi_{232}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{29}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
143683	1830	1344	$\frac{3}{64}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1344}^{2}\ \Phi_{672}^{2}\ \Phi_{448}\ \Phi_{336}^{2}\ \Phi_{224}\ \Phi_{168}^{2}\ \Phi_{112}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
143684	1830	132	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{132}^{18}\ \Phi_{66}^{9}\ \Phi_{44}^{19}\ \Phi_{33}^{9}\ \Phi_{22}^{10}\ \Phi_{12}^{20}\ \Phi_{11}^{9}\ \Phi_{6}^{10}\ \Phi_{4}^{20}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
143685	1830	792	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{72}$	$\frac{1}{4}$	$\Phi_{792}^{3}\ \Phi_{396}^{3}\ \Phi_{264}^{3}\ \Phi_{198}^{3}\ \Phi_{99}^{3}\ \Phi_{88}^{3}\ \Phi_{44}\ \Phi_{22}$
143686	1830	2200	$\frac{17}{200}$	$\frac{1}{11}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{440}\ \Phi_{275}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
143687	1830	1540	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{4}$	$\Phi_{1540}^{2}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}^{2}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}$
143688	1830	2320	$\frac{1}{20}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{19}{80}$	$\Phi_{2320}\ \Phi_{1160}\ \Phi_{464}\ \Phi_{232}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{29}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
143689	1830	1680	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{19}{80}$	$\Phi_{1680}^{2}\ \Phi_{840}^{2}\ \Phi_{560}\ \Phi_{336}^{2}\ \Phi_{280}\ \Phi_{168}^{2}\ \Phi_{112}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
143690	1830	504	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{11}{72}$	$\frac{17}{72}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{168}^{4}\ \Phi_{126}^{5}\ \Phi_{84}^{4}\ \Phi_{63}^{5}\ \Phi_{56}^{4}\ \Phi_{42}^{5}\ \Phi_{28}^{4}\ \Phi_{21}^{5}\ \Phi_{14}^{5}\ \Phi_{7}^{4}$
143691	1830	2772	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{91}{396}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{252}\ \Phi_{154}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
143692	1830	1885	$\frac{4}{65}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{5}$	$\Phi_{1885}\ \Phi_{377}\ \Phi_{65}^{2}\ \Phi_{29}\ \Phi_{13}^{2}\ \Phi_{1}^{2}$
143693	1830	2730	$\frac{4}{65}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{910}\ \Phi_{546}\ \Phi_{273}\ \Phi_{182}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
143694	1830	2175	$\frac{1}{15}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{14}{75}$	$\Phi_{2175}\ \Phi_{725}\ \Phi_{75}^{2}\ \Phi_{29}\ \Phi_{25}^{2}\ \Phi_{1}^{2}$
143695	1830	1050	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{14}{75}$	$\Phi_{1050}^{3}\ \Phi_{525}^{2}\ \Phi_{350}^{3}\ \Phi_{175}^{2}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
143696	1830	476	$\frac{7}{68}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{3}{17}$	$\Phi_{476}^{5}\ \Phi_{238}^{5}\ \Phi_{119}^{3}\ \Phi_{28}^{5}\ \Phi_{14}^{5}\ \Phi_{7}^{2}$
143697	1830	1914	$\frac{5}{66}$	$\frac{4}{29}$	$\frac{1}{6}$	$\frac{5}{29}$	$\Phi_{1914}\ \Phi_{957}\ \Phi_{638}\ \Phi_{319}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{29}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
143698	1830	2088	$\frac{1}{12}$	$\frac{4}{29}$	$\frac{11}{72}$	$\frac{5}{29}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{522}\ \Phi_{261}\ \Phi_{232}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{29}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
143699	1830	2030	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{4}{29}$	$\frac{5}{29}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{406}\ \Phi_{203}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{29}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
143700	1830	462	$\frac{5}{66}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{462}^{5}\ \Phi_{231}^{5}\ \Phi_{154}^{5}\ \Phi_{77}^{5}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
143701	1830	504	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{72}$	$\frac{1}{6}$	$\Phi_{504}^{5}\ \Phi_{252}^{5}\ \Phi_{168}^{5}\ \Phi_{126}^{5}\ \Phi_{63}^{5}\ \Phi_{56}^{5}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
143702	1830	210	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{210}^{10}\ \Phi_{105}^{10}\ \Phi_{70}^{5}\ \Phi_{42}^{11}\ \Phi_{35}^{5}\ \Phi_{30}^{12}\ \Phi_{21}^{11}\ \Phi_{15}^{12}\ \Phi_{14}^{6}\ \Phi_{10}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{12}\ \Phi_{5}^{6}\ \Phi_{3}^{12}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
143703	1831	2928	$\frac{1}{366}$	$\frac{367}{1464}$	$\frac{1097}{2928}$	$\frac{365}{732}$	$\Phi_{2928}\ \Phi_{976}\ \Phi_{732}\ \Phi_{244}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
143704	1831	3648	$\frac{7}{1824}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1817}{3648}$	$\Phi_{3648}\ \Phi_{1216}\ \Phi_{192}\ \Phi_{64}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
143705	1831	3640	$\frac{11}{1820}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1809}{3640}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{280}\ \Phi_{104}\ \Phi_{56}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
143706	1831	3636	$\frac{13}{1818}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1805}{3636}$	$\Phi_{3636}\ \Phi_{1212}\ \Phi_{404}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
143707	1831	2448	$\frac{5}{612}$	$\frac{1}{6}$	$\frac{617}{2448}$	$\frac{607}{1224}$	$\Phi_{2448}\ \Phi_{816}\ \Phi_{612}\ \Phi_{306}\ \Phi_{272}\ \Phi_{204}\ \Phi_{153}\ \Phi_{144}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{48}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
143708	1831	3416	$\frac{1}{122}$	$\frac{123}{1708}$	$\frac{1585}{3416}$	$\frac{121}{244}$	$\Phi_{3416}\ \Phi_{488}\ \Phi_{244}\ \Phi_{56}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
143709	1831	1974	$\frac{2}{141}$	$\frac{143}{1974}$	$\frac{1}{3}$	$\frac{139}{282}$	$\Phi_{1974}\ \Phi_{987}\ \Phi_{658}\ \Phi_{329}\ \Phi_{141}\ \Phi_{47}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
143710	1831	3600	$\frac{31}{1800}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{1769}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
143711	1831	3600	$\frac{31}{1800}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1769}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
143712	1831	3600	$\frac{31}{1800}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1769}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
143713	1831	3600	$\frac{31}{1800}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1769}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
143714	1831	3588	$\frac{37}{1794}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1757}{3588}$	$\Phi_{3588}\ \Phi_{1196}\ \Phi_{276}\ \Phi_{156}\ \Phi_{92}\ \Phi_{52}\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
143715	1831	2460	$\frac{14}{615}$	$\frac{1}{15}$	$\frac{629}{2460}$	$\frac{601}{1230}$	$\Phi_{2460}\ \Phi_{820}\ \Phi_{615}\ \Phi_{492}\ \Phi_{205}\ \Phi_{164}\ \Phi_{123}\ \Phi_{60}\ \Phi_{41}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
143716	1831	2040	$\frac{5}{204}$	$\frac{209}{2040}$	$\frac{1}{6}$	$\frac{199}{408}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{120}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{34}\ \Phi_{30}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
143717	1831	3564	$\frac{49}{1782}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1733}{3564}$	$\Phi_{3564}\ \Phi_{1188}\ \Phi_{396}\ \Phi_{324}\ \Phi_{132}\ \Phi_{108}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
143718	1831	2700	$\frac{1}{30}$	$\frac{31}{900}$	$\frac{869}{2700}$	$\frac{29}{60}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
143719	1831	1920	$\frac{1}{30}$	$\frac{89}{1920}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
143720	1831	2400	$\frac{1}{30}$	$\frac{31}{600}$	$\frac{569}{2400}$	$\frac{29}{60}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
143721	1831	1980	$\frac{1}{30}$	$\frac{149}{1980}$	$\frac{31}{180}$	$\frac{29}{60}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
143722	1831	2160	$\frac{1}{30}$	$\frac{31}{360}$	$\frac{329}{2160}$	$\frac{29}{60}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{60}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
143723	1831	2100	$\frac{1}{30}$	$\frac{31}{300}$	$\frac{269}{2100}$	$\frac{29}{60}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
143724	1831	3520	$\frac{71}{1760}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1689}{3520}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
143725	1831	1944	$\frac{5}{108}$	$\frac{113}{1944}$	$\frac{1}{6}$	$\frac{103}{216}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
143726	1831	1872	$\frac{41}{1872}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
143727	1831	3468	$\frac{5}{102}$	$\frac{97}{1734}$	$\frac{1}{6}$	$\frac{1637}{3468}$	$\Phi_{3468}\ \Phi_{1156}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
143728	1831	3456	$\frac{5}{108}$	$\frac{103}{1728}$	$\frac{1}{6}$	$\frac{1625}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{128}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
143729	1831	3384	$\frac{2}{141}$	$\frac{139}{1692}$	$\frac{1}{3}$	$\frac{1553}{3384}$	$\Phi_{3384}\ \Phi_{1128}\ \Phi_{376}\ \Phi_{141}\ \Phi_{72}\ \Phi_{47}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
143730	1831	2080	$\frac{11}{260}$	$\frac{1}{10}$	$\frac{249}{2080}$	$\frac{9}{20}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{208}\ \Phi_{160}\ \Phi_{104}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
143731	1831	1960	$\frac{129}{1960}$	$\frac{11}{140}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
143732	1831	1920	$\frac{89}{1920}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{160}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
143733	1831	3264	$\frac{5}{204}$	$\frac{199}{1632}$	$\frac{1}{6}$	$\frac{1433}{3264}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{204}\ \Phi_{192}\ \Phi_{102}\ \Phi_{68}\ \Phi_{64}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
143734	1831	3220	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{221}{1610}$	$\frac{1389}{3220}$	$\Phi_{3220}\ \Phi_{644}\ \Phi_{460}\ \Phi_{230}\ \Phi_{140}\ \Phi_{115}\ \Phi_{92}\ \Phi_{46}\ \Phi_{28}\ \Phi_{23}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
143735	1831	1872	$\frac{41}{1872}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
143736	1831	2736	$\frac{7}{912}$	$\frac{1}{6}$	$\frac{905}{2736}$	$\frac{5}{12}$	$\Phi_{2736}\ \Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
143737	1831	1848	$\frac{17}{1848}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{56}\ \Phi_{44}\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{11}\ \Phi_7\ \Phi_4\ \Phi_1$
143738	1831	2280	$\frac{7}{456}$	$\frac{1}{6}$	$\frac{449}{2280}$	$\frac{5}{12}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{120}\ \Phi_{95}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
143739	1831	1872	$\frac{41}{1872}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
143740	1831	2052	$\frac{7}{228}$	$\frac{221}{2052}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{513}\ \Phi_{342}\ \Phi_{171}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
143741	1831	1920	$\frac{89}{1920}$	$\frac{7}{96}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
143742	1831	3060	$\frac{5}{306}$	$\frac{1}{6}$	$\frac{301}{1530}$	$\frac{1229}{3060}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{340}\ \Phi_{306}\ \Phi_{204}\ \Phi_{180}\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{20}\ \Phi_{18}\ \Phi_{17}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
143743	1831	2928	$\frac{1}{122}$	$\frac{121}{488}$	$\frac{367}{1464}$	$\frac{1097}{2928}$	$\Phi_{2928}\ \Phi_{976}\ \Phi_{488}\ \Phi_{244}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
143744	1831	1890	$\frac{59}{1890}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{54}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
143745	1831	2760	$\frac{9}{460}$	$\frac{1}{10}$	$\frac{451}{1380}$	$\frac{929}{2760}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{460}\ \Phi_{230}\ \Phi_{184}\ \Phi_{120}\ \Phi_{115}\ \Phi_{92}\ \Phi_{46}\ \Phi_{40}\ \Phi_{24}\ \Phi_{23}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
143746	1831	2115	$\frac{2}{141}$	$\frac{284}{2115}$	$\frac{139}{423}$	$\frac{1}{3}$	$\Phi_{2115}\ \Phi_{705}\ \Phi_{235}\ \Phi_{141}\ \Phi_{47}\ \Phi_{45}\ \Phi_{15}\ \Phi_5\ \Phi_1$
143747	1831	2691	$\frac{37}{897}$	$\frac{2}{39}$	$\frac{860}{2691}$	$\frac{1}{3}$	$\Phi_{2691}\ \Phi_{207}\ \Phi_{117}\ \Phi_{39}\ \Phi_{13}\ \Phi_9\ \Phi_1$
143748	1831	2538	$\frac{2}{141}$	$\frac{139}{846}$	$\frac{707}{2538}$	$\frac{1}{3}$	$\Phi_{2538}\ \Phi_{1269}\ \Phi_{141}\ \Phi_{54}\ \Phi_{47}\ \Phi_{27}\ \Phi_1$
143749	1831	2256	$\frac{2}{141}$	$\frac{425}{2256}$	$\frac{139}{564}$	$\frac{1}{3}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{752}\ \Phi_{376}\ \Phi_{141}\ \Phi_{48}\ \Phi_{47}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
143750	1831	2700	$\frac{31}{900}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{869}{2700}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_9\ \Phi_1$
143751	1831	2700	$\frac{31}{900}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{869}{2700}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
143752	1831	2250	$\frac{1}{15}$	$\frac{31}{450}$	$\frac{419}{2250}$	$\frac{14}{45}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{750}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{45}\ \Phi_9\ \Phi_1$
143753	1831	1980	$\frac{1}{15}$	$\frac{149}{1980}$	$\frac{31}{180}$	$\frac{14}{45}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_9\ \Phi_1$
143754	1831	2160	$\frac{1}{15}$	$\frac{31}{360}$	$\frac{329}{2160}$	$\frac{14}{45}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{45}\ \Phi_{27}\ \Phi_{16}\ \Phi_9\ \Phi_1$
143755	1831	2025	$\frac{1}{15}$	$\frac{194}{2025}$	$\frac{31}{225}$	$\frac{14}{45}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{405}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_9\ \Phi_1$
143756	1831	2640	$\frac{71}{880}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{809}{2640}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{80}\ \Phi_{66}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
143757	1831	1944	$\frac{113}{1944}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{162}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
143758	1831	2592	$\frac{5}{108}$	$\frac{103}{864}$	$\frac{1}{6}$	$\frac{761}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
143759	1831	1920	$\frac{89}{1920}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
143760	1831	2448	$\frac{5}{204}$	$\frac{1}{6}$	$\frac{199}{816}$	$\frac{617}{2448}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{144}\ \Phi_{102}\ \Phi_{72}\ \Phi_{68}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
143761	1831	2160	$\frac{5}{108}$	$\frac{329}{2160}$	$\frac{1}{6}$	$\frac{103}{432}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
143762	1831	2400	$\frac{31}{600}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{569}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
143763	1831	2376	$\frac{49}{594}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{545}{2376}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{216}\ \Phi_{132}\ \Phi_{108}\ \Phi_{88}\ \Phi_{72}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
143764	1831	2000	$\frac{169}{2000}$	$\frac{1}{10}$	$\frac{31}{200}$	$\frac{9}{40}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{125}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
143765	1831	2160	$\frac{31}{360}$	$\frac{1}{10}$	$\frac{329}{2160}$	$\frac{9}{40}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{40}\ \Phi_{27}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
143766	1831	1980	$\frac{149}{1980}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{180}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
143767	1831	2160	$\frac{31}{360}$	$\frac{5}{36}$	$\frac{329}{2160}$	$\frac{1}{6}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
143768	1832	1371	$\frac{1}{457}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{228}{457}$	$\Phi_{1371}\ \Phi_{457}^2\ \Phi_{3}^2\ \Phi_{1}^4$
143769	1832	1831	$\frac{5}{1831}$	$\frac{459}{1831}$	$\frac{686}{1831}$	$\frac{913}{1831}$	$\Phi_{1831}\ \Phi_{1}^2$
143770	1832	2751	$\frac{3}{917}$	$\frac{230}{917}$	$\frac{1}{3}$	$\frac{457}{917}$	$\Phi_{2751}\ \Phi_{393}\ \Phi_{21}$
143771	1832	3192	$\frac{1}{228}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{227}{456}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}^2\ \Phi_{168}\ \Phi_{152}^2\ \Phi_{56}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{1}^2$
143772	1832	2280	$\frac{1}{228}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{227}{456}$	$\Phi_{2280}^2\ \Phi_{760}^2\ \Phi_{120}^2\ \Phi_{40}^2\ \Phi_{15}$
143773	1832	1530	$\frac{1}{153}$	$\frac{1}{5}$	$\frac{77}{306}$	$\frac{76}{153}$	$\Phi_{1530}^2\ \Phi_{765}\ \Phi_{510}^2\ \Phi_{255}\ \Phi_{170}^2\ \Phi_{90}^2\ \Phi_{85}\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
143774	1832	1365	$\frac{3}{455}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{226}{455}$	$\Phi_{1365}^2\ \Phi_{273}^2\ \Phi_{195}^2\ \Phi_{105}^2\ \Phi_{39}^2\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_{3}^2$
143775	1832	786	$\frac{1}{131}$	$\frac{33}{262}$	$\frac{1}{3}$	$\frac{65}{131}$	$\Phi_{786}^4\ \Phi_{393}^3\ \Phi_{6}^4\ \Phi_{3}^2$
143776	1832	450	$\frac{4}{225}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{221}{450}$	$\Phi_{450}^8\ \Phi_{150}^8\ \Phi_{90}^8\ \Phi_{50}^8\ \Phi_{45}\ \Phi_{30}^8\ \Phi_{18}^8\ \Phi_{15}\ \Phi_{10}^8\ \Phi_{6}^8\ \Phi_{2}^8$
143777	1832	255	$\frac{1}{51}$	$\frac{26}{255}$	$\frac{1}{5}$	$\frac{25}{51}$	$\Phi_{255}^7\ \Phi_{85}^7\ \Phi_{51}^8\ \Phi_{17}^8\ \Phi_{15}^7\ \Phi_{5}^6\ \Phi_{3}^8\ \Phi_{1}^8$
143778	1832	828	$\frac{1}{46}$	$\frac{1}{9}$	$\frac{47}{276}$	$\frac{45}{92}$	$\Phi_{828}^2\ \Phi_{414}^3\ \Phi_{276}\ \Phi_{207}^3\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{36}^2\ \Phi_{23}^2\ \Phi_{18}^3\ \Phi_{12}\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
143779	1832	2210	$\frac{8}{221}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{213}{442}$	$\Phi_{2210}^2\ \Phi_{170}^2\ \Phi_{130}^2\ \Phi_{85}\ \Phi_{10}^2$
143780	1832	1215	$\frac{1}{27}$	$\frac{14}{243}$	$\frac{1}{5}$	$\frac{13}{27}$	$\Phi_{1215}^2\ \Phi_{405}^2\ \Phi_{135}\ \Phi_{45}\ \Phi_{15}$
143781	1832	3960	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{211}{440}$	$\Phi_{3960}\ \Phi_{1320}\ \Phi_{792}\ \Phi_{360}\ \Phi_{264}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
143782	1832	1190	$\frac{9}{238}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{1190}^2\ \Phi_{595}^2\ \Phi_{170}^2\ \Phi_{85}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{10}^2$
143783	1832	2160	$\frac{1}{27}$	$\frac{13}{216}$	$\frac{1}{5}$	$\frac{203}{432}$	$\Phi_{2160}^2\ \Phi_{720}^2\ \Phi_{240}^2\ \Phi_{135}\ \Phi_{80}^2\ \Phi_{45}\ \Phi_{15}$
143784	1832	720	$\frac{11}{240}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^2\ \Phi_{180}^2\ \Phi_{144}^3\ \Phi_{120}^2\ \Phi_{90}^3\ \Phi_{80}^2\ \Phi_{72}^3\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
143785	1832	414	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{1}{9}$	$\frac{185}{414}$	$\Phi_{414}^8\ \Phi_{207}\ \Phi_{138}^8\ \Phi_{69}\ \Phi_{46}^8\ \Phi_{18}^8\ \Phi_{6}^8\ \Phi_{2}^8$
143786	1832	1170	$\frac{5}{234}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{90}^2\ \Phi_{65}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
143787	1832	2040	$\frac{1}{51}$	$\frac{25}{204}$	$\frac{1}{5}$	$\frac{179}{408}$	$\Phi_{2040}^2\ \Phi_{680}^2\ \Phi_{255}\ \Phi_{120}^2\ \Phi_{85}\ \Phi_{40}^2\ \Phi_{15}$
143788	1832	231	$\frac{2}{231}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{231}^8\ \Phi_{77}^8\ \Phi_{33}^8\ \Phi_{21}^7\ \Phi_{11}^8\ \Phi_{7}^8\ \Phi_{3}^6\ \Phi_{1}^8$
143789	1832	2394	$\frac{1}{114}$	$\frac{1}{7}$	$\frac{113}{342}$	$\frac{3}{7}$	$\Phi_{2394}\ \Phi_{1197}\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{126}\ \Phi_{63}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
143790	1832	1624	$\frac{3}{232}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1624}\ \Phi_{812}\ \Phi_{406}\ \Phi_{232}^2\ \Phi_{203}\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{56}\ \Phi_{29}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{1}^2$
143791	1832	2128	$\frac{1}{76}$	$\frac{1}{7}$	$\frac{75}{304}$	$\frac{3}{7}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{304}^2\ \Phi_{152}^2\ \Phi_{112}\ \Phi_{56}\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{1}^2$
143792	1832	1995	$\frac{1}{57}$	$\frac{1}{7}$	$\frac{56}{285}$	$\frac{3}{7}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{285}^2\ \Phi_{105}\ \Phi_{95}^2\ \Phi_{35}\ \Phi_{15}^2\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{1}^2$
143793	1832	1638	$\frac{5}{234}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}\ \Phi_{273}\ \Phi_{234}^2\ \Phi_{182}\ \Phi_{126}\ \Phi_{117}^2\ \Phi_{91}\ \Phi_{78}^2\ \Phi_{63}\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
143794	1832	266	$\frac{1}{38}$	$\frac{37}{266}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{266}^7\ \Phi_{133}^7\ \Phi_{38}^6\ \Phi_{19}^6\ \Phi_{14}^7\ \Phi_{7}^8\ \Phi_{2}^6\ \Phi_{1}^8$
143795	1832	1680	$\frac{11}{240}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}^2\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{112}\ \Phi_{105}\ \Phi_{80}^2\ \Phi_{70}\ \Phi_{60}^2\ \Phi_{56}\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{1}^2$
143796	1832	1729	$\frac{1}{19}$	$\frac{18}{247}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1729}\ \Phi_{247}^2\ \Phi_{91}\ \Phi_{13}^2\ \Phi_{7}\ \Phi_{1}^2$
143797	1832	393	$\frac{1}{131}$	$\frac{65}{393}$	$\frac{1}{3}$	$\frac{164}{393}$	$\Phi_{393}^5\ \Phi_{131}^4\ \Phi_{3}^4\ \Phi_{1}^4$
143798	1832	3312	$\frac{1}{46}$	$\frac{1}{9}$	$\frac{45}{184}$	$\frac{139}{368}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{414}\ \Phi_{207}\ \Phi_{144}\ \Phi_{138}\ \Phi_{69}\ \Phi_{48}\ \Phi_{18}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
143799	1832	690	$\frac{1}{230}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{690}^{3}\ \Phi_{345}^{3}\ \Phi_{230}^{2}\ \Phi_{138}^{3}\ \Phi_{115}^{2}\ \Phi_{69}^{3}\ \Phi_{46}^{2}\ \Phi_{30}^{3}\ \Phi_{23}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}$
143800	1832	1155	$\frac{2}{231}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1155}^{2}\ \Phi_{385}^{2}\ \Phi_{165}^{2}\ \Phi_{105}^{2}\ \Phi_{55}^{2}\ \Phi_{35}^{2}\ \Phi_{15}$
143801	1832	1179	$\frac{1}{131}$	$\frac{263}{1179}$	$\frac{130}{393}$	$\frac{1}{3}$	$\Phi_{1179}^{2}\ \Phi_{393}\ \Phi_{9}^{2}$
143802	1832	1710	$\frac{1}{114}$	$\frac{1}{5}$	$\frac{113}{342}$	$\frac{1}{3}$	$\Phi_{1710}^{2}\ \Phi_{855}^{2}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{15}$
143803	1832	1365	$\frac{6}{455}$	$\frac{1}{7}$	$\frac{449}{1365}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}^{2}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}^{2}\ \Phi_{65}^{2}\ \Phi_{39}\ \Phi_{35}^{2}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
143804	1832	3480	$\frac{3}{232}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3480}\ \Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{120}\ \Phi_{15}$
143805	1832	4560	$\frac{1}{76}$	$\frac{1}{5}$	$\frac{75}{304}$	$\frac{1}{3}$	$\Phi_{4560}\ \Phi_{2280}\ \Phi_{240}\ \Phi_{120}\ \Phi_{15}$
143806	1832	285	$\frac{1}{57}$	$\frac{56}{285}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{285}^{6}\ \Phi_{95}^{6}\ \Phi_{57}^{8}\ \Phi_{19}^{8}\ \Phi_{15}^{7}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
143807	1832	1170	$\frac{5}{234}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1170}^{2}\ \Phi_{585}^{2}\ \Phi_{390}^{2}\ \Phi_{195}^{2}\ \Phi_{130}^{2}\ \Phi_{90}^{2}\ \Phi_{65}^{2}\ \Phi_{45}^{2}\ \Phi_{15}$
143808	1832	3990	$\frac{1}{38}$	$\frac{37}{266}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3990}\ \Phi_{1995}\ \Phi_{210}\ \Phi_{105}\ \Phi_{15}$
143809	1832	2565	$\frac{2}{57}$	$\frac{55}{513}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2565}\ \Phi_{855}\ \Phi_{135}\ \Phi_{45}\ \Phi_{15}$
143810	1832	240	$\frac{11}{240}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}^{8}\ \Phi_{60}^{6}\ \Phi_{48}^{8}\ \Phi_{40}^{8}\ \Phi_{30}^{6}\ \Phi_{24}^{8}\ \Phi_{20}^{6}\ \Phi_{16}^{8}\ \Phi_{15}^{7}\ \Phi_{12}^{8}\ \Phi_{10}^{6}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
143811	1832	3705	$\frac{1}{19}$	$\frac{18}{247}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3705}\ \Phi_{195}\ \Phi_{15}$
143812	1832	945	$\frac{29}{945}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{135}^{2}\ \Phi_{105}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{35}^{2}\ \Phi_{27}^{2}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
143813	1832	273	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{44}{273}$	$\frac{1}{3}$	$\Phi_{273}^{6}\ \Phi_{91}^{8}\ \Phi_{39}^{6}\ \Phi_{21}^{7}\ \Phi_{13}^{8}\ \Phi_{7}^{8}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
143814	1832	735	$\frac{16}{245}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{735}^{4}\ \Phi_{147}^{4}\ \Phi_{105}^{2}\ \Phi_{21}^{3}\ \Phi_{15}^{2}\ \Phi_{3}^{2}$
143815	1832	3003	$\frac{6}{91}$	$\frac{85}{1001}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{3003}\ \Phi_{429}\ \Phi_{231}\ \Phi_{33}\ \Phi_{21}$
143816	1832	675	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{217}{675}$	$\Phi_{675}^{4}\ \Phi_{135}^{4}\ \Phi_{45}\ \Phi_{27}^{4}\ \Phi_{15}$
143817	1832	828	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{47}{276}$	$\frac{22}{69}$	$\Phi_{828}^{3}\ \Phi_{414}^{3}\ \Phi_{276}^{2}\ \Phi_{207}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{69}\ \Phi_{46}^{2}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
143818	1832	3315	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{1}{5}$	$\frac{205}{663}$	$\Phi_{3315}\ \Phi_{255}\ \Phi_{195}\ \Phi_{85}\ \Phi_{15}$
143819	1832	990	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{101}{330}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{330}\ \Phi_{198}^{2}\ \Phi_{165}\ \Phi_{110}^{2}\ \Phi_{99}^{2}\ \Phi_{90}^{3}\ \Phi_{66}\ \Phi_{55}^{2}\ \Phi_{45}^{3}\ \Phi_{33}\ \Phi_{30}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
143820	1832	1620	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{1}{5}$	$\frac{95}{324}$	$\Phi_{1620}^{2}\ \Phi_{810}^{2}\ \Phi_{405}^{2}\ \Phi_{135}\ \Phi_{45}\ \Phi_{15}$
143821	1832	720	$\frac{11}{240}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{2}\ \Phi_{180}^{3}\ \Phi_{144}^{3}\ \Phi_{120}^{2}\ \Phi_{90}^{3}\ \Phi_{80}^{2}\ \Phi_{72}^{3}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{36}^{3}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{3}\ \Phi_{16}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
143822	1832	1530	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{25}{102}$	$\frac{77}{306}$	$\Phi_{1530}^{2}\ \Phi_{765}^{2}\ \Phi_{255}\ \Phi_{90}^{2}\ \Phi_{85}\ \Phi_{45}^{2}\ \Phi_{15}$
143823	1832	270	$\frac{1}{27}$	$\frac{41}{270}$	$\frac{1}{5}$	$\frac{13}{54}$	$\Phi_{270}^{6}\ \Phi_{135}^{7}\ \Phi_{90}^{6}\ \Phi_{54}^{8}\ \Phi_{45}^{7}\ \Phi_{30}^{6}\ \Phi_{27}^{8}\ \Phi_{18}^{8}\ \Phi_{15}^{7}\ \Phi_{10}^{6}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
143824	1832	900	$\frac{4}{75}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{71}{300}$	$\Phi_{900}^{3}\ \Phi_{450}^{3}\ \Phi_{300}^{2}\ \Phi_{180}^{3}\ \Phi_{150}^{2}\ \Phi_{100}^{2}\ \Phi_{90}^{3}\ \Phi_{60}^{2}\ \Phi_{50}^{2}\ \Phi_{45}\ \Phi_{36}^{3}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{3}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
143825	1832	495	$\frac{37}{495}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{5}$	$\Phi_{495}^{4}\ \Phi_{165}^{4}\ \Phi_{99}^{4}\ \Phi_{55}^{4}\ \Phi_{45}\ \Phi_{33}^{4}\ \Phi_{15}\ \Phi_{11}^{4}$
143826	1832	2250	$\frac{21}{250}$	$\frac{1}{9}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{750}\ \Phi_{450}\ \Phi_{375}\ \Phi_{150}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
143827	1832	270	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{270}$	$\frac{1}{5}$	$\Phi_{270}^{8}\ \Phi_{135}^{8}\ \Phi_{90}^{8}\ \Phi_{54}^{8}\ \Phi_{45}\ \Phi_{30}^{8}\ \Phi_{27}^{8}\ \Phi_{18}^{8}\ \Phi_{15}\ \Phi_{10}^{8}\ \Phi_{6}^{8}\ \Phi_{2}^{8}$
143828	1833	2436	$\frac{2}{609}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{607}{1218}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{609}\ \Phi_{348}\ \Phi_{203}\ \Phi_{116}\ \Phi_{87}\ \Phi_{84}\ \Phi_{29}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
143829	1833	816	$\frac{1}{204}$	$\frac{1}{4}$	$\frac{205}{816}$	$\frac{203}{408}$	$\Phi_{816}^{3}\ \Phi_{272}^{3}\ \Phi_{204}^{3}\ \Phi_{102}^{3}\ \Phi_{68}^{3}\ \Phi_{51}^{3}\ \Phi_{48}^{3}\ \Phi_{34}^{3}\ \Phi_{17}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143830	1833	1216	$\frac{3}{608}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{605}{1216}$	$\Phi_{1216}^{3}\ \Phi_{64}^{3}\ \Phi_{16}\ \Phi_{1}$
143831	1833	1216	$\frac{3}{608}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{605}{1216}$	$\Phi_{1216}^{3}\ \Phi_{64}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
143832	1833	840	$\frac{1}{140}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{139}{280}$	$\Phi_{420}^4\ \Phi_{280}\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{56}\ \Phi_{42}^4\ \Phi_{40}$ $\Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{24}\ \Phi_{21}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^2\ \Phi_7^4\ \Phi_6^4$ $\Phi_5^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
143833	1833	840	$\frac{1}{140}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{139}{280}$	$\Phi_{840}^4\ \Phi_{280}^5\ \Phi_{168}^4\ \Phi_{120}^4\ \Phi_{56}^5\ \Phi_{40}^5\ \Phi_{24}^4\ \Phi_{15}\ \Phi_8^5\ \Phi_5\ \Phi_1$
143834	1833	2520	$\frac{1}{140}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{139}{280}$	$\Phi_{2520}^2\ \Phi_{504}^2\ \Phi_{360}^2\ \Phi_{280}\ \Phi_{72}^2\ \Phi_{56}\ \Phi_{40}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
143835	1833	560	$\frac{1}{140}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{139}{280}$	$\Phi_{560}^4\ \Phi_{280}\ \Phi_{140}^4\ \Phi_{112}^4\ \Phi_{80}^4\ \Phi_{70}^4\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{16}^5$ $\Phi_{14}^4\ \Phi_{10}^4\ \Phi_8^2\ \Phi_7^4\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
143836	1833	1212	$\frac{5}{606}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{601}{1212}$	$\Phi_{1212}\ \Phi_{606}^2\ \Phi_{404}\ \Phi_{303}^2\ \Phi_{202}^2\ \Phi_{101}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
143837	1833	2412	$\frac{8}{603}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{595}{1206}$	$\Phi_{2412}\ \Phi_{804}\ \Phi_{603}\ \Phi_{268}\ \Phi_{201}\ \Phi_{67}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4$ $\Phi_3\ \Phi_1$
143838	1833	680	$\frac{1}{68}$	$\frac{69}{680}$	$\frac{1}{4}$	$\frac{67}{136}$	$\Phi_{680}^3\ \Phi_{340}^3\ \Phi_{170}^3\ \Phi_{85}^3\ \Phi_{68}^3\ \Phi_{40}^3\ \Phi_{34}^3\ \Phi_{20}^3\ \Phi_{17}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2$ $\Phi_2^2\ \Phi_1^3$
143839	1833	1200	$\frac{11}{600}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{589}{1200}$	$\Phi_{1200}^3\ \Phi_{400}^3\ \Phi_{240}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
143840	1833	1200	$\frac{11}{600}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{589}{1200}$	$\Phi_{1200}^3\ \Phi_{400}^3\ \Phi_{240}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{10}\ \Phi_5\ \Phi_1$
143841	1833	736	$\frac{7}{368}$	$\frac{1}{8}$	$\frac{125}{736}$	$\frac{361}{736}$	$\Phi_{736}^2\ \Phi_{368}^3\ \Phi_{184}^3\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{32}^2\ \Phi_{23}^3\ \Phi_{16}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
143842	1833	1748	$\frac{1}{46}$	$\frac{1}{38}$	$\frac{37}{76}$	$\frac{45}{92}$	$\Phi_{874}^2\ \Phi_{437}^2\ \Phi_{92}\ \Phi_{76}\ \Phi_{46}^2\ \Phi_{38}^2\ \Phi_{23}^2\ \Phi_{19}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
143843	1833	1748	$\frac{1}{46}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{45}{92}$	$\Phi_{1748}^2\ \Phi_{92}^3\ \Phi_{76}^2\ \Phi_{19}^2\ \Phi_4^3\ \Phi_1^3$
143844	1833	644	$\frac{1}{46}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{45}{92}$	$\Phi_{644}^2\ \Phi_{322}^4\ \Phi_{161}^4\ \Phi_{92}\ \Phi_{46}^2\ \Phi_{28}^4\ \Phi_{23}^2\ \Phi_{14}^5\ \Phi_7^5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
143845	1833	5244	$\frac{1}{38}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{37}{76}$	$\Phi_{5244}\ \Phi_{276}\ \Phi_{228}\ \Phi_{76}\ \Phi_{69}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
143846	1833	2380	$\frac{16}{595}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{579}{1190}$	$\Phi_{2380}\ \Phi_{595}\ \Phi_{476}\ \Phi_{340}\ \Phi_{140}\ \Phi_{119}\ \Phi_{85}\ \Phi_{68}^2\ \Phi_{35}\ \Phi_{34}\ \Phi_{28}$ $\Phi_{20}\ \Phi_{17}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
143847	1833	648	$\frac{1}{36}$	$\frac{37}{648}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{648}^3\ \Phi_{324}^3\ \Phi_{216}^3\ \Phi_{162}^3\ \Phi_{108}^3\ \Phi_{81}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3$ $\Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
143848	1833	1188	$\frac{17}{594}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{577}{1188}$	$\Phi_{1188}\ \Phi_{594}^2\ \Phi_{396}\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{44}$ $\Phi_{36}^3\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
143849	1833	272	$\frac{5}{136}$	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{131}{272}$	$\Phi_{272}^{13}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}^{13}\ \Phi_1$
143850	1833	3520	$\frac{73}{1760}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1687}{3520}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
143851	1833	1904	$\frac{71}{1904}$	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{272}\ \Phi_{238}\ \Phi_{119}\ \Phi_{112}\ \Phi_{68}\ \Phi_{56}\ \Phi_{34}\ \Phi_{28}$ $\Phi_{17}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
143852	1833	360	$\frac{1}{40}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^6\ \Phi_{90}^4\ \Phi_{72}^5\ \Phi_{60}^6\ \Phi_{45}^5\ \Phi_{40}^5\ \Phi_{36}^5\ \Phi_{30}^5\ \Phi_{24}^6\ \Phi_{20}^5$ $\Phi_{18}^4\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_9^5\ \Phi_8^5\ \Phi_6^5\ \Phi_5^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
143853	1833	1156	$\frac{1}{34}$	$\frac{33}{578}$	$\frac{1}{4}$	$\frac{545}{1156}$	$\Phi_{1156}\ \Phi_{578}^2\ \Phi_{289}^2\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
143854	1833	1152	$\frac{1}{36}$	$\frac{35}{576}$	$\frac{1}{4}$	$\frac{541}{1152}$	$\Phi_{1152}^3\ \Phi_{384}^3\ \Phi_{128}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
143855	1833	320	$\frac{1}{40}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{320}^8\ \Phi_{80}^8\ \Phi_{64}^7\ \Phi_{40}^7\ \Phi_{20}^7\ \Phi_{16}^7\ \Phi_{10}^7\ \Phi_8^6\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
143856	1833	440	$\frac{1}{40}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{440}^4\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{88}^3\ \Phi_{55}^4\ \Phi_{44}^4\ \Phi_{40}^7\ \Phi_{22}^4\ \Phi_{20}^7\ \Phi_{11}^4\ \Phi_{10}^7\ \Phi_8^6$ $\Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
143857	1833	840	$\frac{1}{70}$	$\frac{1}{12}$	$\frac{23}{70}$	$\frac{11}{24}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{168}^4\ \Phi_{120}^4\ \Phi_{70}^2\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{35}^2\ \Phi_{24}^5\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^5$ $\Phi_7^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
143858	1833	48	$\frac{1}{48}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{48}^{39}\ \Phi_{24}^{36}\ \Phi_{16}^{39}\ \Phi_{12}^{39}\ \Phi_8^{36}\ \Phi_6^{39}\ \Phi_4^{38}\ \Phi_3^{39}\ \Phi_2^{38}\ \Phi_1^{39}$
143859	1833	3480	$\frac{4}{145}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{696}\ \Phi_{232}\ \Phi_{145}\ \Phi_{29}\ \Phi_{24}\ \Phi_8\ \Phi_1$
143860	1833	4200	$\frac{1}{35}$	$\frac{1}{12}$	$\frac{34}{175}$	$\frac{11}{24}$	$\Phi_{4200}\ \Phi_{1400}\ \Phi_{600}\ \Phi_{200}\ \Phi_{175}\ \Phi_{25}\ \Phi_{24}\ \Phi_8\ \Phi_1$
143861	1833	168	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{9}{56}$	$\frac{11}{24}$	$\Phi_{168}^8\ \Phi_{84}^{12}\ \Phi_{56}^{11}\ \Phi_{42}^{12}\ \Phi_{28}^{14}\ \Phi_{24}^9\ \Phi_{21}^{12}\ \Phi_{14}^{14}\ \Phi_{12}^{12}\ \Phi_8^{12}\ \Phi_7^{14}\ \Phi_6^{12}$ $\Phi_4^{14}\ \Phi_3^{12}\ \Phi_2^{14}\ \Phi_1^{15}$
143862	1833	1176	$\frac{2}{49}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{1176}^3\ \Phi_{392}^3\ \Phi_{168}^2\ \Phi_{56}^2\ \Phi_{49}^3\ \Phi_{24}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
143863	1833	480	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{19}{160}$	$\frac{11}{24}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^5\ \Phi_{96}^4\ \Phi_{80}^5\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}\ \Phi_{32}^5\ \Phi_{30}^4\ \Phi_{24}\ \Phi_{20}^4$ $\Phi_{16}^5\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^2\ \Phi_6^4\ \Phi_5^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
143864	1833	600	$\frac{3}{50}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{24}$	$\Phi_{600}^6\ \Phi_{200}^6\ \Phi_{120}^4\ \Phi_{50}^3\ \Phi_{40}^4\ \Phi_{25}^3\ \Phi_{24}^5\ \Phi_{10}^2\ \Phi_8^5\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
143865	1833	1848	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{154}$	$\frac{11}{24}$	$\Phi_{1848}^2\ \Phi_{616}^2\ \Phi_{264}^2\ \Phi_{154}\ \Phi_{88}^2\ \Phi_{77}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
143866	1833	640	$\frac{29}{640}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{160}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^2\ \Phi_{128}^3\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_8^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
143867	1833	2244	$\frac{1}{51}$	$\frac{50}{561}$	$\frac{1}{4}$	$\frac{511}{1122}$	$\Phi_{2244}\ \Phi_{748}\ \Phi_{561}\ \Phi_{204}^2\ \Phi_{187}\ \Phi_{132}\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{44}\ \Phi_{34}\ \Phi_{33}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
143868	1833	1104	$\frac{7}{184}$	$\frac{59}{552}$	$\frac{1}{8}$	$\frac{493}{1104}$	$\Phi_{1104}^3\ \Phi_{368}^3\ \Phi_{184}\ \Phi_{92}\ \Phi_{48}^3\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}^3\ \Phi_1$
143869	1833	1680	$\frac{1}{48}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}^2\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
143870	1833	840	$\frac{1}{40}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^4\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^4\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{28}\ \Phi_{24}^4\ \Phi_{21}^2\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
143871	1833	1088	$\frac{1}{68}$	$\frac{67}{544}$	$\frac{1}{4}$	$\frac{477}{1088}$	$\Phi_{1088}^3\ \Phi_{68}^3\ \Phi_{64}^3\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
143872	1833	912	$\frac{3}{304}$	$\frac{1}{8}$	$\frac{301}{912}$	$\frac{7}{16}$	$\Phi_{912}^3\ \Phi_{456}^3\ \Phi_{228}^3\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
143873	1833	1856	$\frac{23}{1856}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{64}\ \Phi_{58}\ \Phi_{29}\ \Phi_{16}\ \Phi_1$
143874	1833	2432	$\frac{9}{608}$	$\frac{1}{8}$	$\frac{599}{2432}$	$\frac{7}{16}$	$\Phi_{2432}\ \Phi_{1216}\ \Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
143875	1833	48	$\frac{1}{48}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{48}^{39}\ \Phi_{24}^{39}\ \Phi_{16}^{37}\ \Phi_{12}^{39}\ \Phi_8^{36}\ \Phi_6^{39}\ \Phi_4^{36}\ \Phi_3^{39}\ \Phi_2^{36}\ \Phi_1^{37}$
143876	1833	2128	$\frac{9}{304}$	$\frac{1}{8}$	$\frac{295}{2128}$	$\frac{7}{16}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{133}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
143877	1833	640	$\frac{29}{640}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{128}^3\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1$
143878	1833	80	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{80}^{39}\ \Phi_{40}^7\ \Phi_{20}^7\ \Phi_{16}^{39}\ \Phi_{10}^7\ \Phi_8^6\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
143879	1833	1020	$\frac{1}{102}$	$\frac{101}{510}$	$\frac{1}{4}$	$\frac{409}{1020}$	$\Phi_{1020}\ \Phi_{510}^2\ \Phi_{340}\ \Phi_{255}^2\ \Phi_{204}^3\ \Phi_{170}^2\ \Phi_{102}^3\ \Phi_{85}^2\ \Phi_{68}^3\ \Phi_{60}\ \Phi_{51}^3\ \Phi_{34}^3\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{17}^3\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
143880	1833	615	$\frac{4}{615}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{615}^3\ \Phi_{205}^3\ \Phi_{123}^3\ \Phi_{41}^3\ \Phi_{15}^2\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
143881	1833	192	$\frac{1}{48}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{192}^{16}\ \Phi_{64}^{15}\ \Phi_{48}^7\ \Phi_{24}^7\ \Phi_{16}^7\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
143882	1833	2944	$\frac{7}{368}$	$\frac{1}{8}$	$\frac{361}{1472}$	$\frac{1111}{2944}$	$\Phi_{2944}\ \Phi_{368}\ \Phi_{184}\ \Phi_{128}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_1$
143883	1833	616	$\frac{5}{616}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}^3\ \Phi_{308}^3\ \Phi_{154}^3\ \Phi_{88}^3\ \Phi_{77}^3\ \Phi_{56}^3\ \Phi_{44}^3\ \Phi_{28}^3\ \Phi_{22}^3\ \Phi_{14}^3\ \Phi_{11}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
143884	1833	240	$\frac{1}{48}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{80}^8\ \Phi_{60}^8\ \Phi_{48}^7\ \Phi_{40}^8\ \Phi_{30}^8\ \Phi_{24}^7\ \Phi_{20}^5\ \Phi_{16}^7\ \Phi_{15}^8\ \Phi_{12}^7\ \Phi_{10}^7\ \Phi_8^7\ \Phi_6^7\ \Phi_5^7\ \Phi_4^4\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
143885	1833	360	$\frac{1}{40}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{360}^4\ \Phi_{180}^4\ \Phi_{120}^8\ \Phi_{90}^4\ \Phi_{72}^3\ \Phi_{60}^8\ \Phi_{45}^4\ \Phi_{40}^7\ \Phi_{36}^4\ \Phi_{30}^8\ \Phi_{24}^7\ \Phi_{20}^7\ \Phi_{18}^4\ \Phi_{15}^8\ \Phi_{12}^7\ \Phi_{10}^7\ \Phi_9^4\ \Phi_8^6\ \Phi_6^7\ \Phi_5^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
143886	1833	1836	$\frac{1}{153}$	$\frac{1}{4}$	$\frac{152}{459}$	$\frac{307}{918}$	$\Phi_{1836}\ \Phi_{612}^2\ \Phi_{459}\ \Phi_{306}\ \Phi_{204}^2\ \Phi_{153}\ \Phi_{108}\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{36}^2\ \Phi_{34}\ \Phi_{27}\ \Phi_{18}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
143887	1833	916	$\frac{1}{229}$	$\frac{76}{229}$	$\frac{305}{916}$	$\frac{153}{458}$	$\Phi_{916}^3\ \Phi_{229}^2\ \Phi_4^3\ \Phi_1^3$
143888	1833	210	$\frac{1}{70}$	$\frac{2}{15}$	$\frac{23}{70}$	$\frac{1}{3}$	$\Phi_{210}^8\ \Phi_{105}^8\ \Phi_{70}^{10}\ \Phi_{42}^8\ \Phi_{35}^{10}\ \Phi_{30}^8\ \Phi_{21}^8\ \Phi_{15}^9\ \Phi_{14}^{10}\ \Phi_{10}^{10}\ \Phi_7^{10}\ \Phi_6^8\ \Phi_5^{11}\ \Phi_3^8\ \Phi_2^{10}\ \Phi_1^{11}$
143889	1833	240	$\frac{1}{48}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^9\ \Phi_{120}^9\ \Phi_{80}^9\ \Phi_{60}^8\ \Phi_{48}^3\ \Phi_{40}^9\ \Phi_{30}^8\ \Phi_{24}^3\ \Phi_{20}^8\ \Phi_{16}^3\ \Phi_{15}^9\ \Phi_{12}^3\ \Phi_{10}^8\ \Phi_8^3\ \Phi_6^3\ \Phi_5^9\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
143890	1833	696	$\frac{2}{87}$	$\frac{85}{696}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{696}^3\ \Phi_{348}^2\ \Phi_{232}^3\ \Phi_{174}^2\ \Phi_{116}^3\ \Phi_{87}^3\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
143891	1833	1260	$\frac{19}{630}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
143892	1833	1080	$\frac{1}{40}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
143893	1833	120	$\frac{1}{40}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{120}^{16}\ \Phi_{60}^{15}\ \Phi_{40}^{15}\ \Phi_{30}^{15}\ \Phi_{24}^{16}\ \Phi_{20}^{14}\ \Phi_{15}^{16}\ \Phi_{12}^{15}\ \Phi_{10}^{14}\ \Phi_8^{15}\ \Phi_6^{15}\ \Phi_5^{15}\ \Phi_4^{14}\ \Phi_3^{15}\ \Phi_2^{14}\ \Phi_1^{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
143894	1833	435	$\frac{4}{145}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{435}^{4}\ \Phi_{145}^{5}\ \Phi_{87}^{4}\ \Phi_{29}^{5}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
143895	1833	525	$\frac{1}{35}$	$\frac{2}{15}$	$\frac{34}{175}$	$\frac{1}{3}$	$\Phi_{525}^{4}\ \Phi_{175}^{5}\ \Phi_{75}^{4}\ \Phi_{25}^{5}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
143896	1833	840	$\frac{1}{28}$	$\frac{2}{15}$	$\frac{9}{56}$	$\frac{1}{3}$	$\Phi_{840}^{3}\ \Phi_{420}^{2}\ \Phi_{280}^{3}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{120}^{3}\ \Phi_{105}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{56}^{3}\ \Phi_{40}^{3}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143897	1833	735	$\frac{2}{49}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{735}^{3}\ \Phi_{245}^{3}\ \Phi_{105}^{2}\ \Phi_{49}^{3}\ \Phi_{35}^{2}\ \Phi_{15}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
143898	1833	480	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{5}\ \Phi_{120}^{4}\ \Phi_{96}^{4}\ \Phi_{80}^{5}\ \Phi_{48}^{4}\ \Phi_{40}^{5}\ \Phi_{32}^{5}\ \Phi_{24}^{4}\ \Phi_{16}^{5}\ \Phi_{15}\ \Phi_{8}^{5}\ \Phi_{5}\ \Phi_{1}$
143899	1833	150	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{150}^{12}\ \Phi_{75}^{12}\ \Phi_{50}^{15}\ \Phi_{30}^{8}\ \Phi_{25}^{15}\ \Phi_{15}^{9}\ \Phi_{10}^{10}\ \Phi_{6}^{8}\ \Phi_{5}^{11}\ \Phi_{3}^{8}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
143900	1833	2310	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{330}\ \Phi_{165}\ \Phi_{154}\ \Phi_{110}\ \Phi_{77}\ \Phi_{55}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}$
143901	1833	912	$\frac{3}{304}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{301}{912}$	$\Phi_{912}^{3}\ \Phi_{456}^{3}\ \Phi_{228}^{3}\ \Phi_{114}^{3}\ \Phi_{57}^{3}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143902	1833	630	$\frac{1}{70}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{23}{70}$	$\Phi_{630}^{4}\ \Phi_{315}^{4}\ \Phi_{126}^{4}\ \Phi_{90}^{4}\ \Phi_{70}^{2}\ \Phi_{63}^{4}\ \Phi_{45}^{4}\ \Phi_{35}^{2}\ \Phi_{18}^{5}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{5}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143903	1833	560	$\frac{1}{70}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{23}{70}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{112}^{4}\ \Phi_{80}^{4}\ \Phi_{70}^{2}\ \Phi_{56}^{4}\ \Phi_{40}^{4}\ \Phi_{35}^{2}\ \Phi_{16}^{5}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{5}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143904	1833	900	$\frac{11}{300}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{289}{900}$	$\Phi_{900}^{3}\ \Phi_{450}^{3}\ \Phi_{225}^{3}\ \Phi_{180}^{3}\ \Phi_{90}^{3}\ \Phi_{45}^{3}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143905	1833	736	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{125}{736}$	$\frac{59}{184}$	$\Phi_{736}^{3}\ \Phi_{368}^{3}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}\ \Phi_{32}^{3}\ \Phi_{23}\ \Phi_{16}^{3}\ \Phi_{1}$
143906	1833	1311	$\frac{1}{23}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{22}{69}$	$\Phi_{1311}^{2}\ \Phi_{69}^{3}\ \Phi_{57}^{2}\ \Phi_{19}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
143907	1833	1932	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{22}{69}$	$\Phi_{1932}^{2}\ \Phi_{966}\ \Phi_{483}\ \Phi_{276}\ \Phi_{84}^{2}\ \Phi_{69}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
143908	1833	648	$\frac{1}{18}$	$\frac{37}{648}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{648}^{3}\ \Phi_{324}^{3}\ \Phi_{216}^{3}\ \Phi_{162}^{3}\ \Phi_{108}\ \Phi_{81}^{3}\ \Phi_{72}^{3}\ \Phi_{54}^{2}\ \Phi_{36}^{3}\ \Phi_{27}^{2}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143909	1833	68	$\frac{3}{68}$	$\frac{5}{68}$	$\frac{1}{4}$	$\frac{21}{68}$	$\Phi_{68}^{27}\ \Phi_{34}^{27}\ \Phi_{17}^{27}\ \Phi_{4}^{26}\ \Phi_{2}^{26}\ \Phi_{1}^{27}$
143910	1833	880	$\frac{73}{880}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{269}{880}$	$\Phi_{880}^{2}\ \Phi_{440}^{2}\ \Phi_{220}^{2}\ \Phi_{176}^{2}\ \Phi_{110}^{2}\ \Phi_{88}^{2}\ \Phi_{80}^{3}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{40}^{3}\ \Phi_{22}^{2}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{11}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143911	1833	864	$\frac{1}{36}$	$\frac{35}{288}$	$\frac{1}{4}$	$\frac{253}{864}$	$\Phi_{864}^{3}\ \Phi_{432}^{3}\ \Phi_{216}^{3}\ \Phi_{108}^{3}\ \Phi_{54}^{3}\ \Phi_{36}^{3}\ \Phi_{27}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143912	1833	144	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{144}^{18}\ \Phi_{72}^{18}\ \Phi_{48}^{3}\ \Phi_{36}^{16}\ \Phi_{24}^{3}\ \Phi_{18}^{17}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{17}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143913	1833	2610	$\frac{4}{145}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{2610}\ \Phi_{1305}\ \Phi_{522}\ \Phi_{261}\ \Phi_{145}\ \Phi_{29}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
143914	1833	3150	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{34}{175}$	$\frac{5}{18}$	$\Phi_{3150}\ \Phi_{1575}\ \Phi_{450}\ \Phi_{225}\ \Phi_{175}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
143915	1833	504	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{504}^{6}\ \Phi_{252}^{4}\ \Phi_{126}^{4}\ \Phi_{72}^{6}\ \Phi_{63}^{4}\ \Phi_{56}^{3}\ \Phi_{36}^{4}\ \Phi_{28}^{2}\ \Phi_{18}^{5}\ \Phi_{14}^{2}\ \Phi_{9}^{5}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143916	1833	882	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{882}^{3}\ \Phi_{441}^{3}\ \Phi_{126}^{2}\ \Phi_{63}^{2}\ \Phi_{49}^{3}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
143917	1833	1440	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1440}^{2}\ \Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{288}^{2}\ \Phi_{160}\ \Phi_{144}^{2}\ \Phi_{80}\ \Phi_{72}^{2}\ \Phi_{40}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
143918	1833	450	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{450}^{6}\ \Phi_{225}^{6}\ \Phi_{90}^{4}\ \Phi_{50}^{3}\ \Phi_{45}^{4}\ \Phi_{25}^{3}\ \Phi_{18}^{5}\ \Phi_{10}^{2}\ \Phi_{9}^{5}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143919	1833	1386	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1386}^{2}\ \Phi_{693}^{2}\ \Phi_{198}^{2}\ \Phi_{154}\ \Phi_{99}^{2}\ \Phi_{77}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
143920	1833	640	$\frac{29}{640}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{128}^{3}\ \Phi_{80}^{3}\ \Phi_{64}^{3}\ \Phi_{40}\ \Phi_{32}^{3}\ \Phi_{20}\ \Phi_{16}^{3}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
143921	1833	816	$\frac{1}{68}$	$\frac{67}{272}$	$\frac{1}{4}$	$\frac{205}{816}$	$\Phi_{816}^{3}\ \Phi_{408}^{3}\ \Phi_{204}^{3}\ \Phi_{102}^{3}\ \Phi_{68}^{3}\ \Phi_{51}^{3}\ \Phi_{48}^{3}\ \Phi_{34}^{3}\ \Phi_{24}^{3}\ \Phi_{17}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143922	1833	760	$\frac{3}{152}$	$\frac{149}{760}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{760}^{3}\ \Phi_{380}^{3}\ \Phi_{190}^{3}\ \Phi_{95}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
143923	1833	48	$\frac{1}{48}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{48}^{39}\ \Phi_{24}^{39}\ \Phi_{16}^{36}\ \Phi_{12}^{39}\ \Phi_{8}^{36}\ \Phi_{6}^{39}\ \Phi_{4}^{38}\ \Phi_{3}^{39}\ \Phi_{2}^{38}\ \Phi_{1}^{39}$
143924	1833	684	$\frac{3}{76}$	$\frac{73}{684}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{684}^{3}\ \Phi_{342}^{3}\ \Phi_{228}^{3}\ \Phi_{171}^{3}\ \Phi_{114}^{3}\ \Phi_{57}^{3}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
143925	1833	640	$\frac{29}{640}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{128}^3\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
143926	1833	560	$\frac{3}{140}$	$\frac{3}{16}$	$\frac{137}{560}$	$\frac{1}{4}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^4\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{70}^4\ \Phi_{56}^3\ \Phi_{40}^3\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
143927	1833	720	$\frac{1}{36}$	$\frac{109}{720}$	$\frac{35}{144}$	$\frac{1}{4}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
143928	1833	792	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{181}{792}$	$\frac{1}{4}$	$\Phi_{792}^3\ \Phi_{396}^3\ \Phi_{264}^3\ \Phi_{198}^2\ \Phi_{132}^3\ \Phi_{99}^2\ \Phi_{88}^3\ \Phi_{72}^3\ \Phi_{66}^2\ \Phi_{44}^3\ \Phi_{36}^3\ \Phi_{33}^2\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
143929	1833	2320	$\frac{4}{145}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2320}\ \Phi_{1160}\ \Phi_{464}\ \Phi_{232}\ \Phi_{145}\ \Phi_{29}\ \Phi_{16}\ \Phi_8\ \Phi_1$
143930	1833	2800	$\frac{1}{35}$	$\frac{3}{16}$	$\frac{34}{175}$	$\frac{1}{4}$	$\Phi_{2800}\ \Phi_{1400}\ \Phi_{400}\ \Phi_{200}\ \Phi_{175}\ \Phi_{25}\ \Phi_{16}\ \Phi_8\ \Phi_1$
143931	1833	680	$\frac{1}{17}$	$\frac{69}{680}$	$\frac{16}{85}$	$\frac{1}{4}$	$\Phi_{680}^3\ \Phi_{340}^2\ \Phi_{170}^2\ \Phi_{136}^3\ \Phi_{85}^3\ \Phi_{68}^3\ \Phi_{40}^3\ \Phi_{34}^3\ \Phi_{20}^2\ \Phi_{17}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
143932	1833	112	$\frac{1}{28}$	$\frac{9}{56}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{112}^{20}\ \Phi_{56}^{11}\ \Phi_{28}^{14}\ \Phi_{16}^{21}\ \Phi_{14}^{14}\ \Phi_8^{12}\ \Phi_7^{14}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
143933	1833	784	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{784}^3\ \Phi_{392}^3\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{49}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
143934	1833	160	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{160}^{13}\ \Phi_{80}^9\ \Phi_{40}^9\ \Phi_{32}^{13}\ \Phi_{20}^{12}\ \Phi_{16}^{10}\ \Phi_{10}^{12}\ \Phi_8^{10}\ \Phi_5^{12}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
143935	1833	400	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{400}^6\ \Phi_{200}^6\ \Phi_{80}^4\ \Phi_{50}^3\ \Phi_{40}^4\ \Phi_{25}^3\ \Phi_{16}^5\ \Phi_{10}^2\ \Phi_8^5\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
143936	1833	1232	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1232}^2\ \Phi_{616}^2\ \Phi_{176}^2\ \Phi_{154}\ \Phi_{88}^2\ \Phi_{77}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
143937	1833	660	$\frac{49}{660}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{4}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{110}^3\ \Phi_{66}^3\ \Phi_{55}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
143938	1833	720	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{109}{720}$	$\frac{1}{4}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
143939	1833	1428	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{103}{714}$	$\frac{1}{4}$	$\Phi_{1428}^2\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{204}^2\ \Phi_{119}\ \Phi_{102}\ \Phi_{84}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{42}\ \Phi_{34}\ \Phi_{28}\ \Phi_{21}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
143940	1833	800	$\frac{11}{200}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{189}{800}$	$\Phi_{800}^3\ \Phi_{400}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{40}\ \Phi_{32}^3\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{10}\ \Phi_5\ \Phi_1$
143941	1833	2000	$\frac{167}{2000}$	$\frac{1}{8}$	$\frac{33}{200}$	$\frac{7}{40}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{125}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
143942	1833	720	$\frac{11}{120}$	$\frac{1}{8}$	$\frac{109}{720}$	$\frac{7}{40}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{45}^3\ \Phi_{40}\ \Phi_{36}^3\ \Phi_{20}\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{10}\ \Phi_9^3\ \Phi_5\ \Phi_1$
143943	1834	1830	$\frac{2}{915}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{913}{1830}$	$\Phi_{1830}^2\ \Phi_{610}^2\ \Phi_{366}^2\ \Phi_{122}^2\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
143944	1834	1224	$\frac{1}{306}$	$\frac{307}{1224}$	$\frac{1}{3}$	$\frac{305}{612}$	$\Phi_{1224}^2\ \Phi_{408}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{72}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{17}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
143945	1834	1044	$\frac{1}{261}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{130}{261}$	$\Phi_{1044}^3\ \Phi_{348}^3\ \Phi_{261}\ \Phi_{116}^3\ \Phi_{87}\ \Phi_{36}^3\ \Phi_{29}\ \Phi_{12}^4\ \Phi_9\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
143946	1834	261	$\frac{1}{261}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{130}{261}$	$\Phi_{261}^7\ \Phi_{87}^7\ \Phi_{29}^7\ \Phi_9^8\ \Phi_3^7\ \Phi_1^8$
143947	1834	1824	$\frac{5}{912}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{907}{1824}$	$\Phi_{1824}^2\ \Phi_{608}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
143948	1834	1692	$\frac{1}{141}$	$\frac{71}{846}$	$\frac{775}{1692}$	$\frac{70}{141}$	$\Phi_{1692}^2\ \Phi_{564}^2\ \Phi_{188}^2\ \Phi_{141}\ \Phi_{47}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
143949	1834	1269	$\frac{1}{141}$	$\frac{71}{423}$	$\frac{352}{1269}$	$\frac{70}{141}$	$\Phi_{1269}^2\ \Phi_{141}\ \Phi_{47}\ \Phi_{27}^2\ \Phi_3\ \Phi_1^2$
143950	1834	1128	$\frac{1}{141}$	$\frac{211}{1128}$	$\frac{71}{282}$	$\frac{70}{141}$	$\Phi_{1128}^2\ \Phi_{564}^2\ \Phi_{376}^2\ \Phi_{188}^2\ \Phi_{141}\ \Phi_{47}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
143951	1834	260	$\frac{1}{130}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{129}{260}$	$\Phi_{260}^{14}\ \Phi_{52}^{14}\ \Phi_{20}^{14}\ \Phi_{13}\ \Phi_4^{14}\ \Phi_1^2$
143952	1834	1560	$\frac{1}{130}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{129}{260}$	$\Phi_{1560}^2\ \Phi_{780}\ \Phi_{390}^2\ \Phi_{312}^2\ \Phi_{195}^2\ \Phi_{156}\ \Phi_{120}^2\ \Phi_{78}^2\ \Phi_{60}\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
143953	1834	1818	$\frac{8}{909}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{901}{1818}$	$\Phi_{1818}^2\ \Phi_{606}^2\ \Phi_{202}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
143954	1834	1020	$\frac{1}{102}$	$\frac{103}{1020}$	$\frac{1}{3}$	$\frac{101}{204}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{60}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
143955	1834	1809	$\frac{25}{1809}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{892}{1809}$	$\Phi_{1809}\ \Phi_{603}\ \Phi_{201}\ \Phi_{67}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
143956	1834	1290	$\frac{2}{129}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{127}{258}$	$\Phi_{1290}^3\ \Phi_{430}^3\ \Phi_{258}^2\ \Phi_{86}^2\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
143957	1834	5406	$\frac{16}{901}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{885}{1802}$	$\Phi_{5406}\ \Phi_{318}\ \Phi_{102}\ \Phi_{51}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
143958	1834	972	$\frac{1}{54}$	$\frac{55}{972}$	$\frac{1}{3}$	$\frac{53}{108}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
143959	1834	1800	$\frac{17}{900}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{883}{1800}$	$\Phi_{1800}^2\ \Phi_{600}^2\ \Phi_{360}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
143960	1834	1786	$\frac{1}{47}$	$\frac{24}{893}$	$\frac{869}{1786}$	$\frac{23}{47}$	$\Phi_{1786}^2\ \Phi_{94}^2\ \Phi_{47}\ \Phi_{38}^2\ \Phi_2^2\ \Phi_1^2$
143961	1834	1794	$\frac{20}{897}$	$\frac{1}{39}$	$\frac{19}{39}$	$\frac{877}{1794}$	$\Phi_{1794}^2\ \Phi_{598}^2\ \Phi_{138}^2\ \Phi_{78}^2\ \Phi_{46}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{13}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
143962	1834	2640	$\frac{1}{44}$	$\frac{1}{15}$	$\frac{45}{176}$	$\frac{43}{88}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{240}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{80}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{48}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
143963	1834	3840	$\frac{3}{128}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{125}{256}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
143964	1834	255	$\frac{7}{255}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{124}{255}$	$\Phi_{255}^7\ \Phi_{85}^7\ \Phi_{51}^8\ \Phi_{17}^8\ \Phi_{15}^7\ \Phi_5^7\ \Phi_3^7\ \Phi_1^8$
143965	1834	1782	$\frac{26}{891}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{865}{1782}$	$\Phi_{1782}^2\ \Phi_{594}^2\ \Phi_{198}^2\ \Phi_{162}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
143966	1834	408	$\frac{1}{34}$	$\frac{5}{136}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{408}^7\ \Phi_{204}^6\ \Phi_{102}^7\ \Phi_{51}^7\ \Phi_{24}^7\ \Phi_{12}^6\ \Phi_6^7\ \Phi_3^6$
143967	1834	5304	$\frac{1}{34}$	$\frac{33}{884}$	$\frac{1}{3}$	$\frac{851}{1768}$	$\Phi_{5304}\ \Phi_{408}\ \Phi_{312}\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}\ \Phi_6$
143968	1834	1260	$\frac{5}{126}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{121}{252}$	$\Phi_{1260}^3\ \Phi_{420}^3\ \Phi_{252}^2\ \Phi_{180}^3\ \Phi_{140}^3\ \Phi_{84}^2\ \Phi_{60}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
143969	1834	1755	$\frac{1}{39}$	$\frac{79}{1755}$	$\frac{38}{117}$	$\frac{838}{1755}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}\ \Phi_{117}^2\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{27}\ \Phi_{15}\ \Phi_{13}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
143970	1834	936	$\frac{19}{936}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
143971	1834	1734	$\frac{1}{51}$	$\frac{50}{867}$	$\frac{1}{3}$	$\frac{817}{1734}$	$\Phi_{1734}^2\ \Phi_{578}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
143972	1834	1248	$\frac{1}{39}$	$\frac{19}{312}$	$\frac{331}{1248}$	$\frac{293}{624}$	$\Phi_{1248}^2\ \Phi_{416}^2\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{96}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{32}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
143973	1834	1728	$\frac{1}{54}$	$\frac{53}{864}$	$\frac{1}{3}$	$\frac{811}{1728}$	$\Phi_{1728}^2\ \Phi_{576}^2\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
143974	1834	1716	$\frac{1}{39}$	$\frac{59}{858}$	$\frac{19}{78}$	$\frac{799}{1716}$	$\Phi_{1716}^2\ \Phi_{572}^2\ \Phi_{156}^2\ \Phi_{132}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{44}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
143975	1834	195	$\frac{1}{65}$	$\frac{1}{13}$	$\frac{64}{195}$	$\frac{6}{13}$	$\Phi_{195}^{14}\ \Phi_{39}^{14}\ \Phi_{15}^{14}\ \Phi_{13}\ \Phi_3^{14}\ \Phi_1^2$
143976	1834	936	$\frac{19}{936}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
143977	1834	1755	$\frac{4}{135}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}^2\ \Phi_{117}\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
143978	1834	156	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{25}{156}$	$\frac{6}{13}$	$\Phi_{156}^{14}\ \Phi_{78}^{14}\ \Phi_{52}^{14}\ \Phi_{39}^{14}\ \Phi_{13}\ \Phi_{12}^{14}\ \Phi_6^{14}\ \Phi_4^{14}\ \Phi_3^{14}\ \Phi_1^2$
143979	1834	1040	$\frac{7}{130}$	$\frac{1}{13}$	$\frac{123}{1040}$	$\frac{6}{13}$	$\Phi_{1040}^2\ \Phi_{520}^2\ \Phi_{260}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{80}^2\ \Phi_{52}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
143980	1834	975	$\frac{58}{975}$	$\frac{1}{13}$	$\frac{7}{65}$	$\frac{6}{13}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{195}^2\ \Phi_{75}^2\ \Phi_{39}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_3^2\ \Phi_1^2$
143981	1834	1820	$\frac{9}{140}$	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{6}{13}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{182}\ \Phi_{140}^2\ \Phi_{91}\ \Phi_{70}^2\ \Phi_{52}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
143982	1834	143	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{6}{13}$	$\Phi_{143}^{14}\ \Phi_{13}\ \Phi_{11}^{14}\ \Phi_1^2$
143983	1834	3630	$\frac{1}{15}$	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{111}{242}$	$\Phi_{3630}\ \Phi_{1210}\ \Phi_{726}\ \Phi_{330}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{30}\ \Phi_{10}\ \Phi_6$
143984	1834	720	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{13}{144}$	$\frac{11}{24}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{144}^2\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{72}^2\ \Phi_{60}^3\ \Phi_{48}^2\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
143985	1834	1692	$\frac{1}{47}$	$\frac{71}{846}$	$\frac{23}{94}$	$\frac{775}{1692}$	$\Phi_{1692}^2\ \Phi_{564}^2\ \Phi_{188}^2\ \Phi_{94}^2\ \Phi_{47}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
143986	1834	1683	$\frac{2}{153}$	$\frac{151}{1683}$	$\frac{1}{3}$	$\frac{766}{1683}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}^2\ \Phi_{99}\ \Phi_{51}^2\ \Phi_{33}\ \Phi_{17}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
143987	1834	240	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{109}{240}$	$\Phi_{240}^{14}\ \Phi_{80}^{14}\ \Phi_{60}^3\ \Phi_{48}^{14}\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{16}^{14}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
143988	1834	141	$\frac{10}{141}$	$\frac{11}{141}$	$\frac{13}{141}$	$\frac{64}{141}$	$\Phi_{141}^{13}\ \Phi_{47}^{13}\ \Phi_3^{13}\ \Phi_1^{14}$
143989	1834	235	$\frac{1}{47}$	$\frac{27}{235}$	$\frac{46}{235}$	$\frac{104}{235}$	$\Phi_{235}^8\ \Phi_{47}^7\ \Phi_5^8\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
143990	1834	234	$\frac{1}{39}$	$\frac{14}{117}$	$\frac{19}{117}$	$\frac{103}{234}$	$\Phi_{234}^{14}\ \Phi_{117}^{2}\ \Phi_{78}^{14}\ \Phi_{39}\ \Phi_{26}^{14}\ \Phi_{18}^{14}\ \Phi_{13}\ \Phi_{9}^{2}\ \Phi_{6}^{14}\ \Phi_{3}\ \Phi_{2}^{14}\ \Phi_{1}^{2}$
143991	1834	1128	$\frac{1}{47}$	$\frac{23}{188}$	$\frac{211}{1128}$	$\frac{165}{376}$	$\Phi_{1128}^{2}\ \Phi_{564}^{2}\ \Phi_{282}^{2}\ \Phi_{188}^{2}\ \Phi_{141}^{2}\ \Phi_{94}^{2}\ \Phi_{47}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
143992	1834	1632	$\frac{1}{102}$	$\frac{101}{816}$	$\frac{1}{3}$	$\frac{715}{1632}$	$\Phi_{1632}^{2}\ \Phi_{544}^{2}\ \Phi_{102}^{2}\ \Phi_{96}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{2}\ \Phi_{32}^{2}\ \Phi_{17}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
143993	1834	141	$\frac{8}{141}$	$\frac{10}{141}$	$\frac{19}{141}$	$\frac{61}{141}$	$\Phi_{141}^{13}\ \Phi_{47}^{13}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
143994	1834	132	$\frac{1}{132}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{132}^{14}\ \Phi_{66}^{14}\ \Phi_{44}^{14}\ \Phi_{33}^{14}\ \Phi_{22}^{14}\ \Phi_{12}^{12}\ \Phi_{11}^{14}\ \Phi_{6}^{14}\ \Phi_{4}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
143995	1834	348	$\frac{1}{87}$	$\frac{1}{6}$	$\frac{43}{174}$	$\frac{5}{12}$	$\Phi_{348}^{9}\ \Phi_{174}^{2}\ \Phi_{116}^{9}\ \Phi_{87}\ \Phi_{58}^{2}\ \Phi_{29}\ \Phi_{12}^{10}\ \Phi_{6}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
143996	1834	540	$\frac{4}{135}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{540}^{6}\ \Phi_{180}^{6}\ \Phi_{135}^{2}\ \Phi_{108}^{6}\ \Phi_{60}^{6}\ \Phi_{45}^{2}\ \Phi_{36}^{3}\ \Phi_{27}^{2}\ \Phi_{20}^{6}\ \Phi_{15}^{2}\ \Phi_{12}^{4}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
143997	1834	1740	$\frac{1}{29}$	$\frac{14}{145}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1740}^{2}\ \Phi_{580}^{2}\ \Phi_{348}\ \Phi_{145}^{2}\ \Phi_{116}\ \Phi_{60}^{2}\ \Phi_{29}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
143998	1834	1560	$\frac{1}{39}$	$\frac{19}{156}$	$\frac{137}{780}$	$\frac{643}{1560}$	$\Phi_{1560}^{2}\ \Phi_{520}^{2}\ \Phi_{312}^{2}\ \Phi_{156}^{2}\ \Phi_{120}^{2}\ \Phi_{104}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{40}^{2}\ \Phi_{39}\ \Phi_{26}^{2}\ \Phi_{24}^{2}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
143999	1834	660	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{21}{110}$	$\frac{89}{220}$	$\Phi_{660}^{5}\ \Phi_{330}\ \Phi_{220}^{4}\ \Phi_{165}\ \Phi_{132}^{5}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}^{5}\ \Phi_{55}\ \Phi_{44}^{4}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}^{4}\ \Phi_{12}^{5}\ \Phi_{10}\ \Phi_{6}\ \Phi_{4}^{4}$
144000	1834	1530	$\frac{1}{153}$	$\frac{152}{765}$	$\frac{1}{3}$	$\frac{613}{1530}$	$\Phi_{1530}^{2}\ \Phi_{510}^{2}\ \Phi_{306}^{2}\ \Phi_{170}^{2}\ \Phi_{153}^{2}\ \Phi_{102}^{2}\ \Phi_{90}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{17}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
144001	1834	660	$\frac{1}{132}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{220}^{3}\ \Phi_{165}^{3}\ \Phi_{132}^{2}\ \Phi_{110}^{3}\ \Phi_{66}^{2}\ \Phi_{60}^{3}\ \Phi_{55}^{3}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{30}^{3}\ \Phi_{22}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{10}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
144002	1834	1504	$\frac{1}{47}$	$\frac{23}{188}$	$\frac{165}{752}$	$\frac{587}{1504}$	$\Phi_{1504}^{2}\ \Phi_{188}^{2}\ \Phi_{94}^{2}\ \Phi_{47}\ \Phi_{32}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
144003	1834	2040	$\frac{5}{136}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{60}\ \Phi_{51}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
144004	1834	1410	$\frac{1}{47}$	$\frac{23}{235}$	$\frac{212}{705}$	$\frac{493}{1410}$	$\Phi_{1410}^{2}\ \Phi_{470}^{2}\ \Phi_{282}^{2}\ \Phi_{235}^{2}\ \Phi_{94}^{2}\ \Phi_{47}\ \Phi_{30}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
144005	1834	1404	$\frac{1}{39}$	$\frac{19}{234}$	$\frac{215}{702}$	$\frac{487}{1404}$	$\Phi_{1404}^{2}\ \Phi_{468}^{2}\ \Phi_{234}^{2}\ \Phi_{156}^{2}\ \Phi_{117}^{2}\ \Phi_{108}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{36}^{2}\ \Phi_{26}^{2}\ \Phi_{18}^{2}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
144006	1834	990	$\frac{1}{33}$	$\frac{1}{15}$	$\frac{32}{99}$	$\frac{67}{198}$	$\Phi_{990}^{3}\ \Phi_{330}^{3}\ \Phi_{198}^{2}\ \Phi_{165}^{3}\ \Phi_{110}^{3}\ \Phi_{90}^{3}\ \Phi_{66}^{2}\ \Phi_{55}^{3}\ \Phi_{33}^{2}\ \Phi_{30}^{3}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
144007	1834	1377	$\frac{2}{459}$	$\frac{457}{1377}$	$\frac{1}{3}$	$\frac{460}{1377}$	$\Phi_{1377}\ \Phi_{459}^{2}\ \Phi_{153}^{2}\ \Phi_{81}\ \Phi_{51}^{2}\ \Phi_{27}^{2}\ \Phi_{17}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
144008	1834	396	$\frac{1}{132}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{396}^{6}\ \Phi_{198}^{6}\ \Phi_{132}^{2}\ \Phi_{99}^{6}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{36}^{6}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{6}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
144009	1834	1098	$\frac{2}{183}$	$\frac{181}{1098}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1098}^{2}\ \Phi_{549}^{2}\ \Phi_{366}^{2}\ \Phi_{122}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
144010	1834	930	$\frac{13}{930}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{930}^{2}\ \Phi_{465}^{2}\ \Phi_{310}^{2}\ \Phi_{186}^{2}\ \Phi_{155}^{2}\ \Phi_{93}^{2}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{30}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
144011	1834	1368	$\frac{5}{456}$	$\frac{1}{6}$	$\frac{451}{1368}$	$\frac{1}{3}$	$\Phi_{1368}^{2}\ \Phi_{684}^{2}\ \Phi_{342}^{2}\ \Phi_{171}^{2}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
144012	1834	1560	$\frac{1}{65}$	$\frac{1}{8}$	$\frac{64}{195}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}^{2}\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}^{2}\ \Phi_{156}\ \Phi_{130}^{2}\ \Phi_{120}\ \Phi_{104}^{2}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}^{2}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{26}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
144013	1834	972	$\frac{1}{27}$	$\frac{55}{972}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{972}^{2}\ \Phi_{486}^{2}\ \Phi_{324}^{2}\ \Phi_{243}^{2}\ \Phi_{162}^{2}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
144014	1834	1350	$\frac{17}{450}$	$\frac{1}{18}$	$\frac{433}{1350}$	$\frac{1}{3}$	$\Phi_{1350}^{2}\ \Phi_{675}^{2}\ \Phi_{270}^{2}\ \Phi_{135}^{2}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
144015	1834	1326	$\frac{1}{34}$	$\frac{33}{442}$	$\frac{409}{1326}$	$\frac{1}{3}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{442}^{2}\ \Phi_{221}^{2}\ \Phi_{102}^{2}\ \Phi_{78}\ \Phi_{51}^{2}\ \Phi_{39}\ \Phi_{34}^{2}\ \Phi_{26}^{2}\ \Phi_{17}^{2}\ \Phi_{13}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
144016	1834	1296	$\frac{1}{54}$	$\frac{53}{432}$	$\frac{379}{1296}$	$\frac{1}{3}$	$\Phi_{1296}^{2}\ \Phi_{648}^{2}\ \Phi_{324}^{2}\ \Phi_{162}^{2}\ \Phi_{81}^{2}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
144017	1834	1224	$\frac{1}{102}$	$\frac{101}{408}$	$\frac{307}{1224}$	$\frac{1}{3}$	$\Phi_{1224}^{2}\ \Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{153}^{2}\ \Phi_{102}^{2}\ \Phi_{72}^{2}\ \Phi_{51}^{2}\ \Phi_{36}^{2}\ \Phi_{34}^{2}\ \Phi_{18}^{2}\ \Phi_{17}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
144018	1834	522	$\frac{1}{87}$	$\frac{2}{9}$	$\frac{43}{174}$	$\frac{1}{3}$	$\Phi_{522}^{6}\ \Phi_{261}^{3}\ \Phi_{174}^{2}\ \Phi_{87}\ \Phi_{58}^{2}\ \Phi_{29}\ \Phi_{18}^{6}\ \Phi_{9}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
144019	1834	1080	$\frac{1}{54}$	$\frac{163}{1080}$	$\frac{53}{216}$	$\frac{1}{3}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{270}^{2}\ \Phi_{180}^{2}\ \Phi_{135}^{2}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{54}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{27}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
144020	1834	1188	$\frac{1}{27}$	$\frac{26}{297}$	$\frac{271}{1188}$	$\frac{1}{3}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
144021	1834	1044	$\frac{7}{261}$	$\frac{127}{1044}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{348}^2\ \Phi_{261}\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{36}^2\ \Phi_{29}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
144022	1834	135	$\frac{4}{135}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{135}^{14}\ \Phi_{45}^{14}\ \Phi_{27}^{14}\ \Phi_{15}^{14}\ \Phi_9^8\ \Phi_5^{14}\ \Phi_3^7\ \Phi_1^8$
144023	1834	1305	$\frac{1}{29}$	$\frac{14}{145}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1305}^2\ \Phi_{261}\ \Phi_{145}^2\ \Phi_{45}^2\ \Phi_{29}\ \Phi_9^2\ \Phi_5^2\ \Phi_1^2$
144024	1834	936	$\frac{19}{936}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
144025	1834	1080	$\frac{4}{135}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{120}\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
144026	1834	1140	$\frac{5}{228}$	$\frac{1}{6}$	$\frac{223}{1140}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
144027	1834	1020	$\frac{2}{51}$	$\frac{103}{1020}$	$\frac{49}{255}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{204}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{17}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
144028	1834	990	$\frac{1}{18}$	$\frac{73}{990}$	$\frac{17}{90}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
144029	1834	408	$\frac{5}{136}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{408}^7\ \Phi_{204}^7\ \Phi_{102}^7\ \Phi_{51}^5\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^4$
144030	1834	1026	$\frac{5}{114}$	$\frac{109}{1026}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1026}^2\ \Phi_{513}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
144031	1834	960	$\frac{43}{960}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
144032	1834	312	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{25}{156}$	$\frac{1}{3}$	$\Phi_{312}^6\ \Phi_{156}^4\ \Phi_{104}^8\ \Phi_{78}^5\ \Phi_{52}^6\ \Phi_{39}^5\ \Phi_{26}^6\ \Phi_{24}^7\ \Phi_{13}^6\ \Phi_{12}^5\ \Phi_8^8\ \Phi_6^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
144033	1834	1080	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{163}{1080}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{40}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
144034	1834	153	$\frac{2}{51}$	$\frac{7}{51}$	$\frac{22}{153}$	$\frac{1}{3}$	$\Phi_{153}^{14}\ \Phi_{51}^8\ \Phi_{17}^8\ \Phi_9^{14}\ \Phi_3^7\ \Phi_1^8$
144035	1834	840	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{840}^4\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{168}^4\ \Phi_{120}^2\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{60}\ \Phi_{42}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
144036	1834	3432	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{3432}\ \Phi_{1716}\ \Phi_{858}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
144037	1834	1053	$\frac{1}{39}$	$\frac{136}{1053}$	$\frac{79}{351}$	$\frac{38}{117}$	$\Phi_{1053}^2\ \Phi_{351}\ \Phi_{117}^2\ \Phi_{81}^2\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
144038	1834	1170	$\frac{1}{39}$	$\frac{79}{585}$	$\frac{253}{1170}$	$\frac{38}{117}$	$\Phi_{1170}^2\ \Phi_{585}\ \Phi_{390}^2\ \Phi_{234}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{117}^2\ \Phi_{90}^2\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
144039	1834	960	$\frac{3}{64}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{61}{192}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^3\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^3\ \Phi_{24}\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
144040	1834	140	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{10}$	$\Phi_{140}^{14}\ \Phi_{70}^{12}\ \Phi_{35}^{12}\ \Phi_{28}^{14}\ \Phi_{20}^{14}\ \Phi_{14}^{12}\ \Phi_{10}^{14}\ \Phi_7^{11}\ \Phi_5^{14}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{14}$
144041	1834	720	$\frac{1}{15}$	$\frac{13}{144}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{144}^2\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{72}^2\ \Phi_{60}^3\ \Phi_{48}^2\ \Phi_{40}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
144042	1834	180	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{180}$	$\Phi_{180}^{14}\ \Phi_{90}^{14}\ \Phi_{60}^6\ \Phi_{45}^{14}\ \Phi_{36}^{14}\ \Phi_{30}^6\ \Phi_{20}^3\ \Phi_{18}^{14}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_9^{14}\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
144043	1834	1128	$\frac{1}{47}$	$\frac{211}{1128}$	$\frac{23}{94}$	$\frac{71}{282}$	$\Phi_{1128}^2\ \Phi_{564}^2\ \Phi_{376}^2\ \Phi_{188}^2\ \Phi_{94}^2\ \Phi_{47}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
144044	1834	720	$\frac{1}{15}$	$\frac{13}{144}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^2\ \Phi_{180}^3\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^3\ \Phi_{80}^2\ \Phi_{72}^2\ \Phi_{60}^3\ \Phi_{48}\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{24}\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
144045	1834	480	$\frac{1}{15}$	$\frac{3}{32}$	$\frac{29}{160}$	$\frac{1}{4}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^3\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{80}^3\ \Phi_{60}^5\ \Phi_{48}^4\ \Phi_{40}^3\ \Phi_{32}^4\ \Phi_{30}^5\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^5\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
144046	1834	840	$\frac{1}{15}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{168}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{280}^3\ \Phi_{168}^2\ \Phi_{140}^3\ \Phi_{120}^3\ \Phi_{84}^2\ \Phi_{60}^3\ \Phi_{56}^2\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
144047	1834	141	$\frac{10}{141}$	$\frac{17}{141}$	$\frac{22}{141}$	$\frac{31}{141}$	$\Phi_{141}^{13}\ \Phi_{47}^{13}\ \Phi_3^{13}\ \Phi_1^{14}$
144048	1835	1464	$\frac{1}{366}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{365}{732}$	$\Phi_{1464}^2\ \Phi_{732}\ \Phi_{488}^2\ \Phi_{244}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
144049	1835	3144	$\frac{1}{262}$	$\frac{263}{1572}$	$\frac{1309}{3144}$	$\frac{261}{524}$	$\Phi_{3144}\ \Phi_{1048}\ \Phi_{524}\ \Phi_{24}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
144050	1835	728	$\frac{3}{364}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{361}{728}$	$\Phi_{728}^5\ \Phi_{104}^5\ \Phi_{56}^5\ \Phi_{28}\ \Phi_{8}^5\ \Phi_{4}\ \Phi_{1}$
144051	1835	728	$\frac{3}{364}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{361}{728}$	$\Phi_{728}^5\ \Phi_{104}^5\ \Phi_{56}^5\ \Phi_{8}^5\ \Phi_{7}^2\ \Phi_{1}^3$
144052	1835	2184	$\frac{3}{364}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{361}{728}$	$\Phi_{2184}^2\ \Phi_{728}\ \Phi_{312}^2\ \Phi_{168}^2\ \Phi_{104}\ \Phi_{56}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
144053	1835	3612	$\frac{29}{1806}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1777}{3612}$	$\Phi_{3612}\ \Phi_{1204}\ \Phi_{516}\ \Phi_{172}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
144054	1835	720	$\frac{7}{360}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{353}{720}$	$\Phi_{720}^5\ \Phi_{240}^5\ \Phi_{144}^5\ \Phi_{80}^5\ \Phi_{48}^5\ \Phi_{24}^2\ \Phi_{16}^5\ \Phi_{12}^2\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
144055	1835	2464	$\frac{13}{616}$	$\frac{1}{14}$	$\frac{629}{2464}$	$\frac{603}{1232}$	$\Phi_{2464}\ \Phi_{616}\ \Phi_{352}\ \Phi_{308}\ \Phi_{224}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{32}\ \Phi_{28}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
144056	1835	3584	$\frac{43}{1792}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1749}{3584}$	$\Phi_{3584}\ \Phi_{512}\ \Phi_{56}\ \Phi_{28}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
144057	1835	3528	$\frac{71}{1764}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1693}{3528}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{392}\ \Phi_{168}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
144058	1835	2112	$\frac{15}{352}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{337}{704}$	$\Phi_{2112}^2\ \Phi_{704}\ \Phi_{192}^2\ \Phi_{64}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
144059	1835	384	$\frac{17}{384}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{384}^5\ \Phi_{192}^5\ \Phi_{128}^5\ \Phi_{96}^3\ \Phi_{64}^5\ \Phi_{48}^5\ \Phi_{32}^4\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
144060	1835	690	$\frac{1}{23}$	$\frac{22}{345}$	$\frac{1}{6}$	$\frac{323}{690}$	$\Phi_{690}^2\ \Phi_{345}^3\ \Phi_{230}^2\ \Phi_{138}^3\ \Phi_{115}^3\ \Phi_{69}^4\ \Phi_{46}^3\ \Phi_{30}^2\ \Phi_{23}^3\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^3\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
144061	1835	2184	$\frac{15}{364}$	$\frac{1}{14}$	$\frac{349}{2184}$	$\frac{13}{28}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{168}\ \Phi_{156}\ \Phi_{104}\ \Phi_{84}\ \Phi_{78}\ \Phi_{56}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
144062	1835	392	$\frac{25}{392}$	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{13}{28}$	$\Phi_{392}^5\ \Phi_{196}^5\ \Phi_{98}^5\ \Phi_{56}^5\ \Phi_{49}^5\ \Phi_{28}\ \Phi_{8}^5\ \Phi_{4}\ \Phi_{1}$
144063	1835	2016	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{181}{2016}$	$\frac{155}{336}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
144064	1835	3388	$\frac{1}{14}$	$\frac{141}{1694}$	$\frac{13}{154}$	$\frac{1553}{3388}$	$\Phi_{3388}\ \Phi_{484}\ \Phi_{308}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
144065	1835	672	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{31}{336}$	$\frac{305}{672}$	$\Phi_{672}^5\ \Phi_{224}^5\ \Phi_{168}\ \Phi_{96}^5\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}^5\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
144066	1835	1932	$\frac{1}{46}$	$\frac{45}{322}$	$\frac{1}{6}$	$\frac{277}{644}$	$\Phi_{1932}^2\ \Phi_{644}\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}\ \Phi_{84}^2\ \Phi_{69}^2\ \Phi_{46}\ \Phi_{28}\ \Phi_{23}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
144067	1835	371	$\frac{4}{371}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{371}^5\ \Phi_{53}^5\ \Phi_{7}^2\ \Phi_{1}^3$
144068	1835	3144	$\frac{1}{131}$	$\frac{263}{1572}$	$\frac{130}{393}$	$\frac{1309}{3144}$	$\Phi_{3144}\ \Phi_{1048}\ \Phi_{393}\ \Phi_{24}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
144069	1835	393	$\frac{6}{131}$	$\frac{26}{393}$	$\frac{25}{131}$	$\frac{53}{131}$	$\Phi_{393}^5\ \Phi_{131}^4\ \Phi_{3}^5\ \Phi_{1}^5$
144070	1835	616	$\frac{13}{308}$	$\frac{1}{14}$	$\frac{59}{308}$	$\frac{249}{616}$	$\Phi_{616}^5\ \Phi_{308}\ \Phi_{154}\ \Phi_{88}^5\ \Phi_{77}\ \Phi_{56}^5\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}^5\ \Phi_{4}\ \Phi_{1}$
144071	1835	524	$\frac{1}{131}$	$\frac{26}{131}$	$\frac{157}{524}$	$\frac{105}{262}$	$\Phi_{524}^5\ \Phi_{131}^4\ \Phi_{4}^5\ \Phi_{1}^5$
144072	1835	1904	$\frac{69}{1904}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{272}\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{68}\ \Phi_{56}\ \Phi_{34}\ \Phi_{28}\ \Phi_{17}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
144073	1835	2952	$\frac{2}{369}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{369}\ \Phi_{328}\ \Phi_{123}\ \Phi_{72}\ \Phi_{41}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
144074	1835	4392	$\frac{1}{183}$	$\frac{1}{4}$	$\frac{182}{549}$	$\frac{3}{8}$	$\Phi_{4392}\ \Phi_{549}\ \Phi_{72}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
144075	1835	488	$\frac{1}{122}$	$\frac{121}{488}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{488}^3\ \Phi_{244}^5\ \Phi_{122}^4\ \Phi_{61}^4\ \Phi_{8}^4\ \Phi_{4}^5\ \Phi_{2}^4\ \Phi_{1}^5$
144076	1835	744	$\frac{5}{372}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{744}^4\ \Phi_{372}\ \Phi_{248}^4\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
144077	1835	3416	$\frac{1}{61}$	$\frac{60}{427}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3416}\ \Phi_{427}\ \Phi_{56}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
144078	1835	2772	$\frac{13}{462}$	$\frac{1}{14}$	$\frac{449}{1386}$	$\frac{937}{2772}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{462}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{36}\ \Phi_{33}\ \Phi_{28}\ \Phi_{22}\ \Phi_{21}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
144079	1835	552	$\frac{1}{92}$	$\frac{1}{6}$	$\frac{91}{276}$	$\frac{185}{552}$	$\Phi_{552}^5\ \Phi_{276}^2\ \Phi_{184}^5\ \Phi_{138}^2\ \Phi_{92}\ \Phi_{69}^2\ \Phi_{46}\ \Phi_{24}^5\ \Phi_{23}\ \Phi_{12}^2\ \Phi_{8}^5\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
144080	1835	2358	$\frac{1}{131}$	$\frac{523}{2358}$	$\frac{130}{393}$	$\frac{263}{786}$	$\Phi_{2358}\ \Phi_{1179}\ \Phi_{393}\ \Phi_{18}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
144081	1835	501	$\frac{2}{167}$	$\frac{33}{167}$	$\frac{134}{501}$	$\frac{1}{3}$	$\Phi_{501}^{3}\ \Phi_{167}^{5}\ \Phi_{3}^{2}\ \Phi_{1}^{5}$
144082	1835	546	$\frac{3}{182}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{179}{546}$	$\Phi_{546}^{5}\ \Phi_{273}^{5}\ \Phi_{78}^{5}\ \Phi_{42}^{5}\ \Phi_{39}^{5}\ \Phi_{21}^{5}\ \Phi_{7}^{2}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{3}$
144083	1835	414	$\frac{1}{23}$	$\frac{47}{414}$	$\frac{1}{6}$	$\frac{22}{69}$	$\Phi_{414}^{5}\ \Phi_{207}^{5}\ \Phi_{138}^{3}\ \Phi_{69}^{4}\ \Phi_{46}^{3}\ \Phi_{23}^{3}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
144084	1835	2688	$\frac{43}{896}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{853}{2688}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
144085	1835	528	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{1}{6}$	$\frac{161}{528}$	$\Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{176}^{4}\ \Phi_{132}^{3}\ \Phi_{88}^{4}\ \Phi_{66}^{3}\ \Phi_{48}^{5}\ \Phi_{44}^{4}\ \Phi_{33}^{3}\ \Phi_{24}^{5}\ \Phi_{22}^{4}\ \Phi_{16}^{5}\ \Phi_{12}^{5}\ \Phi_{11}^{4}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
144086	1835	384	$\frac{17}{384}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{384}^{5}\ \Phi_{192}^{5}\ \Phi_{128}^{5}\ \Phi_{96}^{5}\ \Phi_{64}^{5}\ \Phi_{48}^{5}\ \Phi_{32}^{5}\ \Phi_{24}^{2}\ \Phi_{16}^{5}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
144087	1835	378	$\frac{11}{378}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{378}^{5}\ \Phi_{189}^{5}\ \Phi_{126}^{5}\ \Phi_{63}^{5}\ \Phi_{54}^{5}\ \Phi_{42}^{5}\ \Phi_{27}^{5}\ \Phi_{21}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{7}^{2}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{3}$
144088	1835	455	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{88}{455}$	$\frac{2}{7}$	$\Phi_{455}^{5}\ \Phi_{65}^{5}\ \Phi_{35}^{5}\ \Phi_{7}^{2}\ \Phi_{5}^{5}\ \Phi_{1}^{3}$
144089	1835	392	$\frac{25}{392}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{392}^{5}\ \Phi_{196}^{5}\ \Phi_{98}^{5}\ \Phi_{56}^{5}\ \Phi_{49}^{5}\ \Phi_{8}^{5}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
144090	1835	2016	$\frac{1}{14}$	$\frac{181}{2016}$	$\frac{13}{84}$	$\frac{71}{252}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
144091	1835	504	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{31}{168}$	$\frac{137}{504}$	$\Phi_{504}^{5}\ \Phi_{252}^{5}\ \Phi_{168}\ \Phi_{126}^{5}\ \Phi_{84}\ \Phi_{72}^{5}\ \Phi_{63}^{5}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}^{5}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}^{5}\ \Phi_{12}\ \Phi_{9}^{5}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
144092	1835	1248	$\frac{3}{52}$	$\frac{49}{416}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1248}^{2}\ \Phi_{624}^{2}\ \Phi_{416}\ \Phi_{312}^{2}\ \Phi_{208}\ \Phi_{104}\ \Phi_{96}^{2}\ \Phi_{48}^{2}\ \Phi_{32}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
144093	1835	1176	$\frac{25}{392}$	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1176}^{2}\ \Phi_{588}^{2}\ \Phi_{392}\ \Phi_{294}^{2}\ \Phi_{196}\ \Phi_{168}^{2}\ \Phi_{147}^{2}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
144094	1835	480	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{113}{480}$	$\Phi_{480}^{5}\ \Phi_{240}^{5}\ \Phi_{160}^{5}\ \Phi_{96}^{5}\ \Phi_{80}^{5}\ \Phi_{48}^{5}\ \Phi_{32}^{5}\ \Phi_{24}^{2}\ \Phi_{16}^{5}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
144095	1835	2016	$\frac{1}{14}$	$\frac{181}{2016}$	$\frac{43}{224}$	$\frac{13}{56}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
144096	1835	448	$\frac{1}{14}$	$\frac{43}{448}$	$\frac{81}{448}$	$\frac{13}{56}$	$\Phi_{448}^{4}\ \Phi_{224}^{4}\ \Phi_{112}^{4}\ \Phi_{64}^{4}\ \Phi_{56}^{5}\ \Phi_{32}^{4}\ \Phi_{28}^{5}\ \Phi_{16}^{4}\ \Phi_{14}^{4}\ \Phi_{8}^{5}\ \Phi_{7}^{4}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
144097	1835	2352	$\frac{1}{14}$	$\frac{71}{588}$	$\frac{13}{84}$	$\frac{517}{2352}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{784}\ \Phi_{392}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
144098	1835	1380	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{22}{115}$	$\frac{93}{460}$	$\Phi_{1380}^{2}\ \Phi_{690}\ \Phi_{460}\ \Phi_{345}\ \Phi_{276}^{2}\ \Phi_{138}^{2}\ \Phi_{115}\ \Phi_{92}\ \Phi_{69}^{2}\ \Phi_{60}^{2}\ \Phi_{46}\ \Phi_{30}\ \Phi_{23}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
144099	1835	1200	$\frac{33}{400}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{40}$	$\Phi_{1200}^{2}\ \Phi_{600}^{2}\ \Phi_{400}\ \Phi_{300}^{2}\ \Phi_{240}^{2}\ \Phi_{200}\ \Phi_{150}^{2}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}^{2}\ \Phi_{50}\ \Phi_{48}^{2}\ \Phi_{25}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
144100	1835	432	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{432}$	$\frac{1}{6}$	$\Phi_{432}^{5}\ \Phi_{216}^{5}\ \Phi_{144}^{5}\ \Phi_{108}^{5}\ \Phi_{54}^{5}\ \Phi_{48}^{5}\ \Phi_{27}^{5}\ \Phi_{24}^{2}\ \Phi_{16}^{5}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
144101	1836	2748	$\frac{1}{458}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{457}{916}$	$\Phi_{2748}\ \Phi_{916}^{2}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
144102	1836	734	$\frac{1}{367}$	$\frac{92}{367}$	$\frac{275}{734}$	$\frac{183}{367}$	$\Phi_{734}^{4}\ \Phi_{367}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
144103	1836	305	$\frac{1}{305}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{152}{305}$	$\Phi_{305}^{6}\ \Phi_{61}^{6}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
144104	1836	3660	$\frac{1}{305}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{152}{305}$	$\Phi_{3660}\ \Phi_{1830}\ \Phi_{732}\ \Phi_{366}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
144105	1836	1835	$\frac{7}{1835}$	$\frac{307}{1835}$	$\frac{764}{1835}$	$\frac{914}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_{5}\ \Phi_{1}^{2}$
144106	1836	2452	$\frac{3}{613}$	$\frac{1}{4}$	$\frac{154}{613}$	$\frac{305}{613}$	$\Phi_{2452}\ \Phi_{1226}$
144107	1836	1835	$\frac{9}{1835}$	$\frac{458}{1835}$	$\frac{461}{1835}$	$\frac{913}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_{5}\ \Phi_{1}^{2}$
144108	1836	3248	$\frac{1}{203}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{101}{203}$	$\Phi_{3248}\ \Phi_{464}\ \Phi_{203}\ \Phi_{112}\ \Phi_{29}\ \Phi_{16}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
144109	1836	812	$\frac{1}{203}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{101}{203}$	$\Phi_{812}^{2}\ \Phi_{406}^{2}\ \Phi_{203}^{3}\ \Phi_{116}^{2}\ \Phi_{58}^{2}\ \Phi_{29}^{3}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
144110	1836	2757	$\frac{5}{919}$	$\frac{154}{919}$	$\frac{1}{3}$	$\frac{457}{919}$	Φ_{2757}
144111	1836	3344	$\frac{1}{152}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{151}{304}$	$\Phi_{3344}\ \Phi_{304}^{2}\ \Phi_{176}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
144112	1836	6384	$\frac{1}{152}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{151}{304}$	$\Phi_{6384}\ \Phi_{336}\ \Phi_{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
144113	1836	3344	$\frac{1}{152}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{151}{304}$	$\Phi_{3344}\ \Phi_{304}^2\ \Phi_{176}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_1^2$
144114	1836	1520	$\frac{1}{152}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{151}{304}$	$\Phi_{1520}^3\ \Phi_{80}^3\ \Phi_{20}\ \Phi_{10}$
144115	1836	1835	$\frac{13}{1835}$	$\frac{308}{1835}$	$\frac{509}{1835}$	$\frac{911}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_5\ \Phi_1^2$
144116	1836	2452	$\frac{5}{613}$	$\frac{103}{613}$	$\frac{1}{4}$	$\frac{304}{613}$	$\Phi_{2452}\ \Phi_{1226}$
144117	1836	910	$\frac{4}{455}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{451}{910}$	$\Phi_{910}^4\ \Phi_{182}^4\ \Phi_{130}^4\ \Phi_{70}^4\ \Phi_{26}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
144118	1836	3424	$\frac{1}{107}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{53}{107}$	$\Phi_{3424}\ \Phi_{107}\ \Phi_{32}^2\ \Phi_1^2$
144119	1836	2568	$\frac{1}{107}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{53}{107}$	$\Phi_{2568}\ \Phi_{1284}\ \Phi_{642}\ \Phi_{321}\ \Phi_{107}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
144120	1836	2140	$\frac{1}{107}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{53}{107}$	$\Phi_{2140}\ \Phi_{1070}\ \Phi_{535}\ \Phi_{107}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
144121	1836	1717	$\frac{1}{101}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{50}{101}$	$\Phi_{1717}\ \Phi_{101}^2\ \Phi_{17}^2\ \Phi_1^4$
144122	1836	3030	$\frac{1}{101}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{50}{101}$	$\Phi_{3030}\ \Phi_{1515}\ \Phi_{606}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
144123	1836	1717	$\frac{1}{101}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{50}{101}$	$\Phi_{1717}\ \Phi_{101}^2\ \Phi_{17}^2\ \Phi_1^4$
144124	1836	2828	$\frac{1}{101}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{50}{101}$	$\Phi_{2828}\ \Phi_{1414}\ \Phi_{28}^2\ \Phi_{14}^2$
144125	1836	1835	$\frac{19}{1835}$	$\frac{103}{1835}$	$\frac{866}{1835}$	$\frac{908}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_5\ \Phi_1^2$
144126	1836	920	$\frac{1}{92}$	$\frac{31}{184}$	$\frac{1}{5}$	$\frac{91}{184}$	$\Phi_{920}^2\ \Phi_{460}^3\ \Phi_{230}^3\ \Phi_{115}^3\ \Phi_{40}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^2$
144127	1836	367	$\frac{5}{367}$	$\frac{31}{367}$	$\frac{112}{367}$	$\frac{181}{367}$	$\Phi_{367}^5\ \Phi_1^6$
144128	1836	367	$\frac{5}{367}$	$\frac{61}{367}$	$\frac{62}{367}$	$\frac{181}{367}$	$\Phi_{367}^5\ \Phi_1^6$
144129	1836	410	$\frac{3}{205}$	$\frac{1}{10}$	$\frac{52}{205}$	$\frac{101}{205}$	$\Phi_{410}^5\ \Phi_{205}^4\ \Phi_{82}^5\ \Phi_{41}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
144130	1836	3484	$\frac{1}{67}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{33}{67}$	$\Phi_{3484}\ \Phi_{268}\ \Phi_{67}\ \Phi_{52}^2\ \Phi_4^2\ \Phi_1^2$
144131	1836	871	$\frac{1}{67}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{33}{67}$	$\Phi_{871}^2\ \Phi_{67}^3\ \Phi_{13}^4\ \Phi_1^6$
144132	1836	1340	$\frac{1}{67}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{33}{67}$	$\Phi_{1340}^2\ \Phi_{670}\ \Phi_{335}\ \Phi_{268}\ \Phi_{67}\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
144133	1836	2149	$\frac{5}{307}$	$\frac{1}{7}$	$\frac{52}{307}$	$\frac{151}{307}$	Φ_{2149}
144134	1836	1835	$\frac{31}{1835}$	$\frac{254}{1835}$	$\frac{311}{1835}$	$\frac{902}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_5\ \Phi_1^2$
144135	1836	2452	$\frac{11}{613}$	$\frac{52}{613}$	$\frac{1}{4}$	$\frac{301}{613}$	$\Phi_{2452}\ \Phi_{1226}$
144136	1836	1835	$\frac{33}{1835}$	$\frac{152}{1835}$	$\frac{467}{1835}$	$\frac{901}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_5\ \Phi_1^2$
144137	1836	2757	$\frac{17}{919}$	$\frac{52}{919}$	$\frac{1}{3}$	$\frac{451}{919}$	Φ_{2757}
144138	1836	1749	$\frac{1}{53}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{26}{53}$	$\Phi_{1749}\ \Phi_{583}\ \Phi_{159}\ \Phi_{53}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
144139	1836	954	$\frac{1}{53}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{954}^2\ \Phi_{477}^2\ \Phi_{318}^2\ \Phi_{159}\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{18}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
144140	1836	1166	$\frac{1}{53}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{26}{53}$	$\Phi_{1166}^2\ \Phi_{583}\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{22}^4\ \Phi_{11}^2\ \Phi_2^4\ \Phi_1^4$
144141	1836	367	$\frac{7}{367}$	$\frac{11}{367}$	$\frac{178}{367}$	$\frac{180}{367}$	$\Phi_{367}^5\ \Phi_1^6$
144142	1836	700	$\frac{1}{50}$	$\frac{1}{35}$	$\frac{17}{35}$	$\frac{49}{100}$	$\Phi_{700}^5\ \Phi_{140}^5\ \Phi_{100}^6\ \Phi_{35}\ \Phi_{28}^5\ \Phi_{20}^6\ \Phi_7\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
144143	1836	5700	$\frac{1}{50}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{5700}\ \Phi_{1140}\ \Phi_{228}\ \Phi_{57}$
144144	1836	700	$\frac{1}{50}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{49}{100}$	$\Phi_{700}^5\ \Phi_{140}^5\ \Phi_{100}^6\ \Phi_{35}\ \Phi_{28}^5\ \Phi_{20}^6\ \Phi_7\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
144145	1836	1300	$\frac{1}{50}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{49}{100}$	$\Phi_{1300}\ \Phi_{650}^2\ \Phi_{325}^2\ \Phi_{260}\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{26}^3\ \Phi_{13}^2$
144146	1836	700	$\frac{1}{50}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{49}{100}$	$\Phi_{700}^5\ \Phi_{140}^5\ \Phi_{100}^6\ \Phi_{35}\ \Phi_{28}^5\ \Phi_{20}^6\ \Phi_7\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
144147	1836	100	$\frac{1}{50}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{49}{100}$	$\Phi_{100}^{36}\ \Phi_{20}^{36}\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^{36}\ \Phi_2^4\ \Phi_1^4$
144148	1836	700	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{49}{100}$	$\Phi_{700}^5\ \Phi_{140}^5\ \Phi_{100}^6\ \Phi_{28}^5\ \Phi_{20}^6\ \Phi_7^5\ \Phi_4^6\ \Phi_1^6$
144149	1836	1835	$\frac{37}{1835}$	$\frac{104}{1835}$	$\frac{577}{1835}$	$\frac{899}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_5\ \Phi_1^2$
144150	1836	410	$\frac{1}{41}$	$\frac{1}{10}$	$\frac{7}{41}$	$\frac{20}{41}$	$\Phi_{410}^5\ \Phi_{205}^5\ \Phi_{82}^5\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4$
144151	1836	1835	$\frac{49}{1835}$	$\frac{169}{1835}$	$\frac{314}{1835}$	$\frac{893}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
144152	1836	1962	$\frac{3}{109}$	$\frac{1}{18}$	$\frac{28}{109}$	$\frac{53}{109}$	$\Phi_{1962}\ \Phi_{981}\ \Phi_{654}\ \Phi_{327}\ \Phi_{218}$
144153	1836	2452	$\frac{17}{613}$	$\frac{35}{613}$	$\frac{1}{4}$	$\frac{298}{613}$	$\Phi_{2452}\ \Phi_{1226}$
144154	1836	175	$\frac{1}{35}$	$\frac{1}{25}$	$\frac{8}{25}$	$\frac{17}{35}$	$\Phi_{175}^{10}\ \Phi_{35}^{11}\ \Phi_{25}^{12}\ \Phi_{7}^{11}\ \Phi_{5}^{13}\ \Phi_{1}^{14}$
144155	1836	1260	$\frac{1}{35}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{1260}^{2}\ \Phi_{630}\ \Phi_{420}^{2}\ \Phi_{315}\ \Phi_{252}^{2}\ \Phi_{210}\ \Phi_{180}^{2}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}^{2}\ \Phi_{63}\ \Phi_{60}^{2}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}^{4}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
144156	1836	385	$\frac{1}{35}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{17}{35}$	$\Phi_{385}^{5}\ \Phi_{77}^{5}\ \Phi_{55}^{6}\ \Phi_{35}\ \Phi_{11}^{6}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
144157	1836	140	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{35}$	$\Phi_{140}^{15}\ \Phi_{70}^{10}\ \Phi_{35}^{11}\ \Phi_{28}^{15}\ \Phi_{20}^{18}\ \Phi_{14}^{10}\ \Phi_{10}^{12}\ \Phi_{7}^{11}\ \Phi_{5}^{13}\ \Phi_{4}^{18}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
144158	1836	924	$\frac{1}{33}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{231}^{2}\ \Phi_{154}^{2}\ \Phi_{132}^{2}\ \Phi_{84}^{3}\ \Phi_{77}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{42}^{3}\ \Phi_{28}^{2}\ \Phi_{22}^{2}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
144159	1836	1749	$\frac{1}{33}$	$\frac{2}{53}$	$\frac{17}{53}$	$\frac{16}{33}$	$\Phi_{1749}\ \Phi_{583}\ \Phi_{159}\ \Phi_{53}^{2}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
144160	1836	2508	$\frac{1}{33}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{836}\ \Phi_{418}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}^{2}\ \Phi_{38}^{2}$
144161	1836	1749	$\frac{1}{33}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{16}{33}$	$\Phi_{1749}\ \Phi_{583}\ \Phi_{159}\ \Phi_{53}^{2}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
144162	1836	2310	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{16}{33}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{385}\ \Phi_{210}\ \Phi_{154}\ \Phi_{105}\ \Phi_{70}^{2}\ \Phi_{42}\ \Phi_{35}^{2}\ \Phi_{14}^{2}$
144163	1836	367	$\frac{13}{367}$	$\frac{16}{367}$	$\frac{95}{367}$	$\frac{177}{367}$	$\Phi_{367}^{5}\ \Phi_{1}^{6}$
144164	1836	2757	$\frac{28}{919}$	$\frac{33}{919}$	$\frac{1}{3}$	$\frac{443}{919}$	Φ_{2757}
144165	1836	1835	$\frac{56}{1835}$	$\frac{69}{1835}$	$\frac{593}{1835}$	$\frac{883}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_{5}\ \Phi_{1}^{2}$
144166	1836	5460	$\frac{1}{35}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{5460}\ \Phi_{1092}\ \Phi_{780}\ \Phi_{420}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{21}\ \Phi_{15}$
144167	1836	3484	$\frac{1}{26}$	$\frac{3}{67}$	$\frac{16}{67}$	$\frac{25}{52}$	$\Phi_{3484}\ \Phi_{268}\ \Phi_{67}\ \Phi_{52}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
144168	1836	2340	$\frac{1}{26}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{2340}^{2}\ \Phi_{780}^{2}\ \Phi_{260}\ \Phi_{180}^{2}\ \Phi_{90}\ \Phi_{60}^{2}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
144169	1836	1835	$\frac{53}{1835}$	$\frac{73}{1835}$	$\frac{594}{1835}$	$\frac{881}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_{5}\ \Phi_{1}^{2}$
144170	1836	1274	$\frac{2}{49}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{47}{98}$	$\Phi_{1274}^{3}\ \Phi_{182}^{3}\ \Phi_{91}\ \Phi_{26}^{3}$
144171	1836	880	$\frac{19}{440}$	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{421}{880}$	$\Phi_{880}^{4}\ \Phi_{176}^{4}\ \Phi_{80}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
144172	1836	644	$\frac{1}{28}$	$\frac{1}{23}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{644}^{3}\ \Phi_{322}^{3}\ \Phi_{161}^{3}\ \Phi_{92}^{3}\ \Phi_{46}^{3}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
144173	1836	2288	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{23}{176}$	$\frac{21}{44}$	$\Phi_{2288}\ \Phi_{1144}\ \Phi_{286}\ \Phi_{208}\ \Phi_{143}\ \Phi_{104}\ \Phi_{26}$
144174	1836	1962	$\frac{5}{109}$	$\frac{1}{18}$	$\frac{19}{109}$	$\frac{52}{109}$	$\Phi_{1962}\ \Phi_{981}\ \Phi_{654}\ \Phi_{327}\ \Phi_{218}$
144175	1836	1957	$\frac{5}{103}$	$\frac{1}{19}$	$\frac{18}{103}$	$\frac{49}{103}$	Φ_{1957}
144176	1836	1835	$\frac{91}{1835}$	$\frac{107}{1835}$	$\frac{288}{1835}$	$\frac{872}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_{5}\ \Phi_{1}^{2}$
144177	1836	160	$\frac{7}{160}$	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{160}^{12}\ \Phi_{80}^{12}\ \Phi_{40}^{8}\ \Phi_{32}^{12}\ \Phi_{20}^{12}\ \Phi_{16}^{12}\ \Phi_{10}^{12}\ \Phi_{8}^{8}\ \Phi_{5}^{11}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
144178	1836	4370	$\frac{1}{23}$	$\frac{22}{437}$	$\frac{1}{5}$	$\frac{415}{874}$	$\Phi_{4370}\ \Phi_{230}\ \Phi_{190}\ \Phi_{115}\ \Phi_{10}$
144179	1836	1835	$\frac{89}{1835}$	$\frac{97}{1835}$	$\frac{322}{1835}$	$\frac{869}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_{5}\ \Phi_{1}^{2}$
144180	1836	1835	$\frac{97}{1835}$	$\frac{161}{1835}$	$\frac{186}{1835}$	$\frac{869}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_{5}\ \Phi_{1}^{2}$
144181	1836	410	$\frac{11}{205}$	$\frac{18}{205}$	$\frac{1}{10}$	$\frac{97}{205}$	$\Phi_{410}^{5}\ \Phi_{205}^{4}\ \Phi_{82}^{5}\ \Phi_{41}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
144182	1836	2452	$\frac{19}{613}$	$\frac{33}{613}$	$\frac{1}{4}$	$\frac{290}{613}$	$\Phi_{2452}\ \Phi_{1226}$
144183	1836	2149	$\frac{17}{307}$	$\frac{18}{307}$	$\frac{1}{7}$	$\frac{145}{307}$	Φ_{2149}
144184	1836	1835	$\frac{84}{1835}$	$\frac{103}{1835}$	$\frac{323}{1835}$	$\frac{866}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_{5}\ \Phi_{1}^{2}$
144185	1836	2452	$\frac{18}{613}$	$\frac{35}{613}$	$\frac{1}{4}$	$\frac{289}{613}$	$\Phi_{2452}\ \Phi_{1226}$
144186	1836	367	$\frac{10}{367}$	$\frac{21}{367}$	$\frac{97}{367}$	$\frac{173}{367}$	$\Phi_{367}^{5}\ \Phi_{1}^{6}$
144187	1836	2757	$\frac{18}{919}$	$\frac{53}{919}$	$\frac{1}{3}$	$\frac{433}{919}$	Φ_{2757}
144188	1836	2652	$\frac{1}{52}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{663}\ \Phi_{204}\ \Phi_{156}^{2}\ \Phi_{102}\ \Phi_{78}^{2}\ \Phi_{39}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
144189	1836	1717	$\frac{2}{101}$	$\frac{1}{17}$	$\frac{33}{101}$	$\frac{8}{17}$	$\Phi_{1717}\ \Phi_{101}^2\ \Phi_{17}^2\ \Phi_1^4$
144190	1836	2380	$\frac{1}{35}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{476}\ \Phi_{340}\ \Phi_{238}\ \Phi_{170}\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2$
144191	1836	1717	$\frac{5}{101}$	$\frac{1}{17}$	$\frac{16}{101}$	$\frac{8}{17}$	$\Phi_{1717}\ \Phi_{101}^2\ \Phi_{17}^2\ \Phi_1^4$
144192	1836	2142	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{8}{17}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
144193	1836	5280	$\frac{1}{55}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{5280}\ \Phi_{1056}\ \Phi_{480}\ \Phi_{165}\ \Phi_{33}\ \Phi_{15}$
144194	1836	3424	$\frac{2}{107}$	$\frac{1}{16}$	$\frac{35}{107}$	$\frac{15}{32}$	$\Phi_{3424}\ \Phi_{107}\ \Phi_{32}^2\ \Phi_1^2$
144195	1836	1184	$\frac{1}{37}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{1184}^3\ \Phi_{148}\ \Phi_{74}$
144196	1836	3424	$\frac{3}{107}$	$\frac{1}{16}$	$\frac{26}{107}$	$\frac{15}{32}$	$\Phi_{3424}\ \Phi_{107}\ \Phi_{32}^2\ \Phi_1^2$
144197	1836	1120	$\frac{1}{28}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{1120}^4\ \Phi_{160}^3\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
144198	1836	3424	$\frac{5}{107}$	$\frac{1}{16}$	$\frac{17}{107}$	$\frac{15}{32}$	$\Phi_{3424}\ \Phi_{107}\ \Phi_{32}^2\ \Phi_1^2$
144199	1836	4256	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{4256}\ \Phi_{133}$
144200	1836	3424	$\frac{1}{16}$	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{15}{32}$	$\Phi_{3424}\ \Phi_{107}\ \Phi_{32}^2\ \Phi_1^2$
144201	1836	2080	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{15}{32}$	$\Phi_{2080}^2\ \Phi_{416}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
144202	1836	575	$\frac{4}{115}$	$\frac{37}{575}$	$\frac{1}{5}$	$\frac{269}{575}$	$\Phi_{575}^3\ \Phi_{115}^4\ \Phi_{25}^3\ \Phi_{23}^4\ \Phi_5^3\ \Phi_1^4$
144203	1836	286	$\frac{10}{143}$	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{133}{286}$	$\Phi_{286}^{12}\ \Phi_{143}\ \Phi_{26}^{12}\ \Phi_{22}^{12}\ \Phi_2^{12}$
144204	1836	728	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{5}{56}$	$\frac{13}{28}$	$\Phi_{728}^3\ \Phi_{364}^2\ \Phi_{182}^3\ \Phi_{104}^3\ \Phi_{91}^3\ \Phi_{52}^2\ \Phi_{26}^3\ \Phi_{13}^2$
144205	1836	1835	$\frac{29}{1835}$	$\frac{137}{1835}$	$\frac{602}{1835}$	$\frac{849}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_5\ \Phi_1^2$
144206	1836	350	$\frac{1}{35}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{350}^{10}\ \Phi_{70}^{10}\ \Phi_{50}^8\ \Phi_{35}^4\ \Phi_{14}^{10}\ \Phi_{10}^8\ \Phi_7^4\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
144207	1836	1924	$\frac{1}{52}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{481}\ \Phi_{148}\ \Phi_{74}$
144208	1836	836	$\frac{1}{76}$	$\frac{1}{11}$	$\frac{25}{76}$	$\frac{5}{11}$	$\Phi_{836}^2\ \Phi_{418}^2\ \Phi_{209}^2\ \Phi_{76}^4\ \Phi_{44}^2\ \Phi_{38}^4\ \Phi_{22}^2\ \Phi_{19}^4\ \Phi_{11}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
144209	1836	572	$\frac{1}{52}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{572}^3\ \Phi_{286}^3\ \Phi_{143}^3\ \Phi_{52}^6\ \Phi_{44}^2\ \Phi_{26}^6\ \Phi_{22}^2\ \Phi_{13}^6\ \Phi_{11}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
144210	1836	2090	$\frac{1}{38}$	$\frac{1}{11}$	$\frac{37}{190}$	$\frac{5}{11}$	$\Phi_{2090}\ \Phi_{1045}\ \Phi_{190}^2\ \Phi_{110}\ \Phi_{95}^2\ \Phi_{55}\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
144211	1836	385	$\frac{1}{35}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{385}^5\ \Phi_{77}^5\ \Phi_{55}^5\ \Phi_{35}^4\ \Phi_7^4\ \Phi_5^4$
144212	1836	1760	$\frac{7}{160}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}^2\ \Phi_{110}\ \Phi_{80}^2\ \Phi_{55}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
144213	1836	209	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{2}{19}$	$\frac{5}{11}$	$\Phi_{209}^8\ \Phi_{19}^{16}\ \Phi_{11}^9\ \Phi_1^{18}$
144214	1836	990	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{11}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}\ \Phi_{165}^2\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}^4\ \Phi_{66}\ \Phi_{55}\ \Phi_{45}^4\ \Phi_{33}\ \Phi_{30}^4\ \Phi_{18}^2\ \Phi_{15}^4\ \Phi_{11}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
144215	1836	3640	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{13}{140}$	$\frac{127}{280}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{182}\ \Phi_{104}\ \Phi_{91}\ \Phi_{26}$
144216	1836	1835	$\frac{59}{1835}$	$\frac{171}{1835}$	$\frac{296}{1835}$	$\frac{832}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_5\ \Phi_1^2$
144217	1836	1962	$\frac{1}{18}$	$\frac{10}{109}$	$\frac{11}{109}$	$\frac{49}{109}$	$\Phi_{1962}\ \Phi_{981}\ \Phi_{654}\ \Phi_{327}\ \Phi_{218}$
144218	1836	1835	$\frac{98}{1835}$	$\frac{169}{1835}$	$\frac{193}{1835}$	$\frac{821}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_5\ \Phi_1^2$
144219	1836	2149	$\frac{10}{307}$	$\frac{33}{307}$	$\frac{1}{7}$	$\frac{137}{307}$	Φ_{2149}
144220	1836	1835	$\frac{44}{1835}$	$\frac{199}{1835}$	$\frac{339}{1835}$	$\frac{818}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_5\ \Phi_1^2$
144221	1836	460	$\frac{1}{46}$	$\frac{5}{46}$	$\frac{1}{5}$	$\frac{41}{92}$	$\Phi_{460}^9\ \Phi_{230}\ \Phi_{115}\ \Phi_{20}^9\ \Phi_{10}$
144222	1836	2452	$\frac{10}{613}$	$\frac{67}{613}$	$\frac{1}{4}$	$\frac{273}{613}$	$\Phi_{2452}\ \Phi_{1226}$
144223	1836	1835	$\frac{26}{1835}$	$\frac{201}{1835}$	$\frac{509}{1835}$	$\frac{817}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_5\ \Phi_1^2$
144224	1836	2757	$\frac{10}{919}$	$\frac{101}{919}$	$\frac{1}{3}$	$\frac{409}{919}$	Φ_{2757}
144225	1836	367	$\frac{4}{367}$	$\frac{41}{367}$	$\frac{121}{367}$	$\frac{163}{367}$	$\Phi_{367}^5\ \Phi_1^6$
144226	1836	4944	$\frac{1}{103}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{4944}\ \Phi_{309}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
144227	1836	3248	$\frac{2}{203}$	$\frac{1}{8}$	$\frac{67}{203}$	$\frac{7}{16}$	$\Phi_{3248}\ \Phi_{464}\ \Phi_{203}\ \Phi_{112}\ \Phi_{29}\ \Phi_{16}^2\ \Phi_7\ \Phi_1^2$
144228	1836	1104	$\frac{1}{69}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{1104}^3\ \Phi_{368}^3\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{48}^3\ \Phi_{46}\ \Phi_{12}\ \Phi_6$
144229	1836	3248	$\frac{3}{203}$	$\frac{1}{8}$	$\frac{50}{203}$	$\frac{7}{16}$	$\Phi_{3248}\ \Phi_{464}\ \Phi_{203}\ \Phi_{112}\ \Phi_{29}\ \Phi_{16}^2\ \Phi_7\ \Phi_1^2$
144230	1836	1040	$\frac{1}{52}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{1040}^4\ \Phi_{260}\ \Phi_{130}\ \Phi_{80}^3\ \Phi_{65}\ \Phi_{20}\ \Phi_{10}$
144231	1836	3248	$\frac{5}{203}$	$\frac{1}{8}$	$\frac{33}{203}$	$\frac{7}{16}$	$\Phi_{3248}\ \Phi_{464}\ \Phi_{203}\ \Phi_{112}\ \Phi_{29}\ \Phi_{16}^2\ \Phi_7\ \Phi_1^2$
144232	1836	560	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{560}^6\ \Phi_{112}^5\ \Phi_{80}^6\ \Phi_{35}^6\ \Phi_{16}^6\ \Phi_7^5\ \Phi_5^6\ \Phi_1^6$
144233	1836	464	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{464}^7\ \Phi_{58}^4\ \Phi_{29}^3\ \Phi_{16}^8\ \Phi_2^4\ \Phi_1^4$
144234	1836	3248	$\frac{11}{203}$	$\frac{16}{203}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3248}\ \Phi_{464}\ \Phi_{203}\ \Phi_{112}\ \Phi_{29}\ \Phi_{16}^2\ \Phi_7\ \Phi_1^2$
144235	1836	1872	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1872}^2\ \Phi_{624}^2\ \Phi_{234}\ \Phi_{208}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
144236	1836	3270	$\frac{1}{109}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{3270}\ \Phi_{1090}\ \Phi_{654}\ \Phi_{327}\ \Phi_{218}$
144237	1836	330	$\frac{1}{55}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{330}^{10}\ \Phi_{110}^{10}\ \Phi_{66}^{10}\ \Phi_{55}^4\ \Phi_{30}^8\ \Phi_{22}^{10}\ \Phi_{11}^4\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
144238	1836	1924	$\frac{1}{52}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{481}\ \Phi_{148}\ \Phi_{74}$
144239	1836	805	$\frac{2}{115}$	$\frac{113}{805}$	$\frac{1}{5}$	$\frac{346}{805}$	$\Phi_{805}^2\ \Phi_{161}^2\ \Phi_{115}^4\ \Phi_{35}^2\ \Phi_{23}^4\ \Phi_7^2\ \Phi_5^3\ \Phi_1^4$
144240	1836	1155	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{1155}^2\ \Phi_{385}\ \Phi_{231}^2\ \Phi_{165}^2\ \Phi_{105}^2\ \Phi_{77}\ \Phi_{35}\ \Phi_{33}^2\ \Phi_{15}^2$
144241	1836	1835	$\frac{62}{1835}$	$\frac{197}{1835}$	$\frac{273}{1835}$	$\frac{781}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_5\ \Phi_1^2$
144242	1836	1962	$\frac{1}{18}$	$\frac{7}{109}$	$\frac{17}{109}$	$\frac{46}{109}$	$\Phi_{1962}\ \Phi_{981}\ \Phi_{654}\ \Phi_{327}\ \Phi_{218}$
144243	1836	1835	$\frac{101}{1835}$	$\frac{118}{1835}$	$\frac{289}{1835}$	$\frac{773}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_5\ \Phi_1^2$
144244	1836	1144	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{7}{44}$	$\frac{37}{88}$	$\Phi_{1144}^3\ \Phi_{286}\ \Phi_{143}\ \Phi_{104}^3\ \Phi_{26}$
144245	1836	410	$\frac{7}{205}$	$\frac{1}{10}$	$\frac{33}{205}$	$\frac{86}{205}$	$\Phi_{410}^5\ \Phi_{205}^4\ \Phi_{82}^5\ \Phi_{41}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
144246	1836	1835	$\frac{29}{1835}$	$\frac{301}{1835}$	$\frac{356}{1835}$	$\frac{767}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_5\ \Phi_1^2$
144247	1836	2452	$\frac{7}{613}$	$\frac{101}{613}$	$\frac{1}{4}$	$\frac{256}{613}$	$\Phi_{2452}\ \Phi_{1226}$
144248	1836	2616	$\frac{1}{109}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{2616}\ \Phi_{872}\ \Phi_{654}\ \Phi_{327}\ \Phi_{218}$
144249	1836	2310	$\frac{1}{154}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}^2\ \Phi_{330}\ \Phi_{231}^2\ \Phi_{210}\ \Phi_{165}\ \Phi_{105}\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{21}^2\ \Phi_6^2$
144250	1836	305	$\frac{2}{305}$	$\frac{1}{5}$	$\frac{101}{305}$	$\frac{2}{5}$	$\Phi_{305}^6\ \Phi_{61}^6\ \Phi_5^7\ \Phi_1^8$
144251	1836	2060	$\frac{1}{103}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{2060}\ \Phi_{1030}\ \Phi_{412}^2\ \Phi_{206}^2$
144252	1836	610	$\frac{3}{305}$	$\frac{1}{5}$	$\frac{151}{610}$	$\frac{2}{5}$	$\Phi_{610}^4\ \Phi_{305}^2\ \Phi_{122}^4\ \Phi_{61}^2\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
144253	1836	155	$\frac{2}{155}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{155}^{12}\ \Phi_{31}^{12}\ \Phi_5^7\ \Phi_1^8$
144254	1836	305	$\frac{1}{61}$	$\frac{10}{61}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{305}^5\ \Phi_{61}^{10}\ \Phi_5^6\ \Phi_1^{12}$
144255	1836	220	$\frac{1}{55}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{220}^{10}\ \Phi_{110}^{10}\ \Phi_{55}^4\ \Phi_{44}^{10}\ \Phi_{22}^{10}\ \Phi_{20}^8\ \Phi_{11}^4\ \Phi_{10}^8\ \Phi_5^3\ \Phi_4^8\ \Phi_2^8\ \Phi_1^4$
144256	1836	1820	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{140}\ \Phi_{91}^2\ \Phi_{70}\ \Phi_{28}^2\ \Phi_{14}^2$
144257	1836	305	$\frac{8}{305}$	$\frac{33}{305}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{305}^6\ \Phi_{61}^6\ \Phi_5^7\ \Phi_1^8$
144258	1836	70	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{70}^{30}\ \Phi_{35}^{24}\ \Phi_{14}^{30}\ \Phi_{10}^{24}\ \Phi_7^{24}\ \Phi_5^{19}\ \Phi_2^{24}\ \Phi_1^{20}$
144259	1836	305	$\frac{16}{305}$	$\frac{17}{305}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{305}^6\ \Phi_{61}^6\ \Phi_5^7\ \Phi_1^8$
144260	1836	1710	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{342}^2\ \Phi_{285}\ \Phi_{190}\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2$
144261	1836	1540	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{1540}^2\ \Phi_{385}\ \Phi_{308}^2\ \Phi_{220}^2\ \Phi_{140}^2\ \Phi_{77}\ \Phi_{44}^2\ \Phi_{35}\ \Phi_{20}^2$
144262	1836	1835	$\frac{11}{1835}$	$\frac{409}{1835}$	$\frac{608}{1835}$	$\frac{713}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_5\ \Phi_1^2$
144263	1836	1540	$\frac{1}{35}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{1540}^2\ \Phi_{385}\ \Phi_{308}^2\ \Phi_{220}^2\ \Phi_{140}^2\ \Phi_{77}\ \Phi_{55}\ \Phi_{28}^2\ \Phi_{20}^2$
144264	1836	2002	$\frac{1}{154}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{2002}\ \Phi_{1001}\ \Phi_{286}\ \Phi_{182}\ \Phi_{143}\ \Phi_{91}\ \Phi_{26}$
144265	1836	410	$\frac{1}{41}$	$\frac{1}{10}$	$\frac{10}{41}$	$\frac{31}{82}$	$\Phi_{410}^5\ \Phi_{205}^5\ \Phi_{82}\ \Phi_{41}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
144266	1836	3680	$\frac{1}{92}$	$\frac{1}{5}$	$\frac{91}{368}$	$\frac{277}{736}$	$\Phi_{3680}\ \Phi_{460}\ \Phi_{230}\ \Phi_{160}\ \Phi_{115}\ \Phi_{20}\ \Phi_{10}$
144267	1836	2320	$\frac{5}{464}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2320}\ \Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{145}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
144268	1836	2208	$\frac{1}{69}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{368}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}\ \Phi_{92}\ \Phi_{48}\ \Phi_{46}\ \Phi_{12}\ \Phi_{6}$
144269	1836	2072	$\frac{1}{37}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2072}\ \Phi_{1036}\ \Phi_{518}\ \Phi_{259}\ \Phi_{148}\ \Phi_{74}$
144270	1836	734	$\frac{3}{367}$	$\frac{91}{367}$	$\frac{92}{367}$	$\frac{275}{734}$	$\Phi_{734}^4\ \Phi_{367}\ \Phi_{2}^4\ \Phi_{1}^2$
144271	1836	1957	$\frac{1}{103}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	Φ_{1957}
144272	1836	1835	$\frac{23}{1835}$	$\frac{302}{1835}$	$\frac{511}{1835}$	$\frac{662}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_{5}\ \Phi_{1}^2$
144273	1836	966	$\frac{1}{69}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{966}^3\ \Phi_{483}\ \Phi_{322}^3\ \Phi_{161}\ \Phi_{138}^3\ \Phi_{46}^3\ \Phi_{42}^3\ \Phi_{21}\ \Phi_{6}^3$
144274	1836	367	$\frac{7}{367}$	$\frac{40}{367}$	$\frac{109}{367}$	$\frac{129}{367}$	$\Phi_{367}^5\ \Phi_{1}^6$
144275	1836	1924	$\frac{1}{52}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{481}\ \Phi_{148}\ \Phi_{74}$
144276	1836	962	$\frac{1}{37}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{962}^3\ \Phi_{481}\ \Phi_{74}^3$
144277	1836	385	$\frac{1}{35}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{385}^5\ \Phi_{77}^5\ \Phi_{55}^4\ \Phi_{35}^4\ \Phi_{11}^4\ \Phi_{7}^4\ \Phi_{5}^3\ \Phi_{1}^4$
144278	1836	1835	$\frac{67}{1835}$	$\frac{104}{1835}$	$\frac{577}{1835}$	$\frac{629}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_{5}\ \Phi_{1}^2$
144279	1836	1835	$\frac{71}{1835}$	$\frac{98}{1835}$	$\frac{579}{1835}$	$\frac{628}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_{5}\ \Phi_{1}^2$
144280	1836	1957	$\frac{4}{103}$	$\frac{1}{19}$	$\frac{33}{103}$	$\frac{35}{103}$	Φ_{1957}
144281	1836	1962	$\frac{4}{109}$	$\frac{1}{18}$	$\frac{35}{109}$	$\frac{37}{109}$	$\Phi_{1962}\ \Phi_{981}\ \Phi_{654}\ \Phi_{327}\ \Phi_{218}$
144282	1836	367	$\frac{10}{367}$	$\frac{27}{367}$	$\frac{119}{367}$	$\frac{124}{367}$	$\Phi_{367}^5\ \Phi_{1}^6$
144283	1836	410	$\frac{4}{205}$	$\frac{1}{10}$	$\frac{67}{205}$	$\frac{69}{205}$	$\Phi_{410}^5\ \Phi_{205}^4\ \Phi_{82}^5\ \Phi_{41}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
144284	1836	1835	$\frac{32}{1835}$	$\frac{203}{1835}$	$\frac{601}{1835}$	$\frac{617}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_{5}\ \Phi_{1}^2$
144285	1836	2149	$\frac{4}{307}$	$\frac{1}{7}$	$\frac{101}{307}$	$\frac{103}{307}$	Φ_{2149}
144286	1836	367	$\frac{4}{367}$	$\frac{61}{367}$	$\frac{121}{367}$	$\frac{123}{367}$	$\Phi_{367}^5\ \Phi_{1}^6$
144287	1836	230	$\frac{1}{115}$	$\frac{1}{5}$	$\frac{38}{115}$	$\frac{77}{230}$	$\Phi_{230}^{12}\ \Phi_{115}^4\ \Phi_{46}^{12}\ \Phi_{23}^4\ \Phi_{10}^{12}\ \Phi_{5}^3\ \Phi_{2}^{12}\ \Phi_{1}^4$
144288	1836	1835	$\frac{14}{1835}$	$\frac{407}{1835}$	$\frac{607}{1835}$	$\frac{614}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_{5}\ \Phi_{1}^2$
144289	1836	2452	$\frac{4}{613}$	$\frac{1}{4}$	$\frac{203}{613}$	$\frac{205}{613}$	$\Phi_{2452}\ \Phi_{1226}$
144290	1836	1835	$\frac{8}{1835}$	$\frac{609}{1835}$	$\frac{611}{1835}$	$\frac{613}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_{5}\ \Phi_{1}^2$
144291	1836	2757	$\frac{4}{919}$	$\frac{305}{919}$	$\frac{1}{3}$	$\frac{307}{919}$	Φ_{2757}
144292	1836	687	$\frac{1}{229}$	$\frac{76}{229}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{687}^2\ \Phi_{229}^4\ \Phi_{3}^3\ \Phi_{1}^6$
144293	1836	924	$\frac{1}{154}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}\ \Phi_{308}^4\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{66}\ \Phi_{44}^4\ \Phi_{42}\ \Phi_{33}\ \Phi_{28}^4\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
144294	1836	687	$\frac{4}{229}$	$\frac{25}{229}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{687}^2\ \Phi_{229}^4\ \Phi_{3}^3\ \Phi_{1}^6$
144295	1836	780	$\frac{1}{52}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^4\ \Phi_{195}^2\ \Phi_{156}\ \Phi_{130}^4\ \Phi_{78}\ \Phi_{65}^4\ \Phi_{60}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}^2\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
144296	1836	687	$\frac{8}{229}$	$\frac{13}{229}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{687}^2\ \Phi_{229}^4\ \Phi_{3}^3\ \Phi_{1}^6$
144297	1836	252	$\frac{1}{28}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{252}^8\ \Phi_{126}^8\ \Phi_{84}^7\ \Phi_{63}^8\ \Phi_{42}^7\ \Phi_{36}^8\ \Phi_{28}^6\ \Phi_{21}^7\ \Phi_{18}^4\ \Phi_{14}^6\ \Phi_{12}^7\ \Phi_{9}^4\ \Phi_{7}^6\ \Phi_{6}^3\ \Phi_{4}^6\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
144298	1836	3660	$\frac{2}{305}$	$\frac{1}{4}$	$\frac{101}{305}$	$\frac{1}{3}$	$\Phi_{3660}\ \Phi_{1830}\ \Phi_{732}\ \Phi_{366}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_{6}^2$
144299	1836	2757	$\frac{7}{919}$	$\frac{205}{919}$	$\frac{304}{919}$	$\frac{1}{3}$	Φ_{2757}
144300	1836	1596	$\frac{1}{76}$	$\frac{1}{7}$	$\frac{25}{76}$	$\frac{1}{3}$	$\Phi_{1596}^2\ \Phi_{798}^2\ \Phi_{399}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{21}^3$
144301	1836	2757	$\frac{16}{919}$	$\frac{103}{919}$	$\frac{301}{919}$	$\frac{1}{3}$	Φ_{2757}
144302	1836	3030	$\frac{2}{101}$	$\frac{1}{10}$	$\frac{33}{101}$	$\frac{1}{3}$	$\Phi_{3030}\ \Phi_{1515}\ \Phi_{606}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
144303	1836	2757	$\frac{25}{919}$	$\frac{69}{919}$	$\frac{298}{919}$	$\frac{1}{3}$	Φ_{2757}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
144304	1836	954	$\frac{2}{53}$	$\frac{1}{18}$	$\frac{17}{53}$	$\frac{1}{3}$	$\Phi_{954}^2\ \Phi_{477}^2\ \Phi_{318}^2\ \Phi_{159}\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{18}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
144305	1836	1425	$\frac{1}{25}$	$\frac{1}{19}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{1425}^2\ \Phi_{285}^2\ \Phi_{57}^3$
144306	1836	2757	$\frac{37}{919}$	$\frac{49}{919}$	$\frac{290}{919}$	$\frac{1}{3}$	Φ_{2757}
144307	1836	2757	$\frac{35}{919}$	$\frac{52}{919}$	$\frac{289}{919}$	$\frac{1}{3}$	Φ_{2757}
144308	1836	2772	$\frac{1}{28}$	$\frac{2}{33}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
144309	1836	1365	$\frac{1}{35}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{1365}^2\ \Phi_{273}^2\ \Phi_{195}^2\ \Phi_{105}^3\ \Phi_{21}^3\ \Phi_{15}^3$
144310	1836	2757	$\frac{19}{919}$	$\frac{100}{919}$	$\frac{273}{919}$	$\frac{1}{3}$	Φ_{2757}
144311	1836	2652	$\frac{1}{52}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{663}\ \Phi_{204}\ \Phi_{156}^2\ \Phi_{102}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{12}^2\ \Phi_{6}^2$
144312	1836	1320	$\frac{1}{55}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}^2\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_{5}^2$
144313	1836	2757	$\frac{13}{919}$	$\frac{151}{919}$	$\frac{256}{919}$	$\frac{1}{3}$	Φ_{2757}
144314	1836	1236	$\frac{1}{103}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1236}^2\ \Phi_{618}^2\ \Phi_{309}^3$
144315	1836	1860	$\frac{2}{155}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1860}^2\ \Phi_{930}^2\ \Phi_{372}^2\ \Phi_{186}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_{6}^2$
144316	1836	732	$\frac{1}{61}$	$\frac{10}{61}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{732}^5\ \Phi_{366}^5\ \Phi_{12}^6\ \Phi_{6}^6$
144317	1836	660	$\frac{1}{55}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{165}^5\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{60}^3\ \Phi_{33}^5\ \Phi_{30}^3\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{6}^4\ \Phi_{3}^4$
144318	1836	1092	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}^3\ \Phi_{546}^3\ \Phi_{273}^3\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{21}^3$
144319	1836	3660	$\frac{8}{305}$	$\frac{33}{305}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3660}\ \Phi_{1830}\ \Phi_{732}\ \Phi_{366}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_{6}^2$
144320	1836	420	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^9\ \Phi_{210}^4\ \Phi_{105}^5\ \Phi_{84}^9\ \Phi_{60}^7\ \Phi_{42}^4\ \Phi_{30}^3\ \Phi_{21}^5\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_{6}^4\ \Phi_{3}^4$
144321	1836	3660	$\frac{16}{305}$	$\frac{17}{305}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3660}\ \Phi_{1830}\ \Phi_{732}\ \Phi_{366}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_{6}^2$
144322	1836	684	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{684}^4\ \Phi_{342}^2\ \Phi_{228}^3\ \Phi_{171}^2\ \Phi_{114}\ \Phi_{76}^4\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2$
144323	1836	924	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{924}^3\ \Phi_{462}^3\ \Phi_{231}^3\ \Phi_{132}^3\ \Phi_{84}^4\ \Phi_{66}\ \Phi_{42}^4\ \Phi_{33}^2\ \Phi_{21}^4\ \Phi_{12}^4\ \Phi_{6}^2\ \Phi_{3}^2$
144324	1836	3135	$\frac{1}{19}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3135}\ \Phi_{627}\ \Phi_{57}$
144325	1836	3990	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{37}{190}$	$\frac{1}{3}$	$\Phi_{3990}\ \Phi_{1995}\ \Phi_{210}\ \Phi_{105}\ \Phi_{21}$
144326	1836	3030	$\frac{5}{101}$	$\frac{1}{10}$	$\frac{16}{101}$	$\frac{1}{3}$	$\Phi_{3030}\ \Phi_{1515}\ \Phi_{606}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
144327	1836	2757	$\frac{49}{919}$	$\frac{86}{919}$	$\frac{145}{919}$	$\frac{1}{3}$	Φ_{2757}
144328	1836	954	$\frac{1}{18}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{3}$	$\Phi_{954}^2\ \Phi_{477}^2\ \Phi_{318}^2\ \Phi_{159}\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{18}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
144329	1836	1140	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{3}$	$\Phi_{1140}^3\ \Phi_{570}^2\ \Phi_{285}^2\ \Phi_{228}^3\ \Phi_{114}^2\ \Phi_{57}^3$
144330	1836	2757	$\frac{46}{919}$	$\frac{97}{919}$	$\frac{137}{919}$	$\frac{1}{3}$	Φ_{2757}
144331	1836	3360	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{672}\ \Phi_{420}\ \Phi_{336}\ \Phi_{210}\ \Phi_{105}\ \Phi_{21}$
144332	1836	399	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{399}^8\ \Phi_{21}^9$
144333	1836	630	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{630}^4\ \Phi_{315}^4\ \Phi_{210}^3\ \Phi_{126}^2\ \Phi_{105}^3\ \Phi_{70}^4\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{35}^4\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{7}^2$
144334	1836	812	$\frac{2}{203}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{67}{203}$	$\Phi_{812}^2\ \Phi_{406}^2\ \Phi_{203}^3\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{7}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
144335	1836	367	$\frac{4}{367}$	$\frac{82}{367}$	$\frac{95}{367}$	$\frac{121}{367}$	$\Phi_{367}^5\ \Phi_{1}^6$
144336	1836	2452	$\frac{7}{613}$	$\frac{137}{613}$	$\frac{1}{4}$	$\frac{202}{613}$	$\Phi_{2452}\ \Phi_{1226}$
144337	1836	836	$\frac{1}{76}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{25}{76}$	$\Phi_{836}^2\ \Phi_{418}^2\ \Phi_{209}^2\ \Phi_{76}^4\ \Phi_{44}^2\ \Phi_{38}^4\ \Phi_{22}^2\ \Phi_{19}^4\ \Phi_{11}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
144338	1836	380	$\frac{1}{76}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{25}{76}$	$\Phi_{380}^6\ \Phi_{190}^6\ \Phi_{95}^6\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_{5}^6$
144339	1836	1835	$\frac{26}{1835}$	$\frac{308}{1835}$	$\frac{509}{1835}$	$\frac{603}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_{5}\ \Phi_{1}^2$
144340	1836	460	$\frac{7}{460}$	$\frac{1}{5}$	$\frac{103}{460}$	$\frac{151}{460}$	$\Phi_{460}^4\ \Phi_{230}^4\ \Phi_{115}^4\ \Phi_{92}^4\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
144341	1836	1835	$\frac{29}{1835}$	$\frac{356}{1835}$	$\frac{411}{1835}$	$\frac{602}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_{5}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
144342	1836	2452	$\frac{10}{613}$	$\frac{103}{613}$	$\frac{1}{4}$	$\frac{201}{613}$	$\Phi_{2452}\ \Phi_{1226}$
144343	1836	2568	$\frac{2}{107}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{35}{107}$	$\Phi_{2568}\ \Phi_{1284}\ \Phi_{642}\ \Phi_{321}\ \Phi_{107}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
144344	1836	2140	$\frac{2}{107}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{35}{107}$	$\Phi_{2140}\ \Phi_{1070}\ \Phi_{535}\ \Phi_{107}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{1}^2$
144345	1836	1717	$\frac{2}{101}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{33}{101}$	$\Phi_{1717}\ \Phi_{101}^2\ \Phi_{17}^2\ \Phi_{1}^4$
144346	1836	2828	$\frac{2}{101}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{33}{101}$	$\Phi_{2828}\ \Phi_{1414}\ \Phi_{28}^2\ \Phi_{14}^2$
144347	1836	1835	$\frac{38}{1835}$	$\frac{206}{1835}$	$\frac{543}{1835}$	$\frac{599}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_{5}\ \Phi_{1}^2$
144348	1836	920	$\frac{1}{46}$	$\frac{31}{184}$	$\frac{1}{5}$	$\frac{15}{46}$	$\Phi_{920}^3\ \Phi_{460}^3\ \Phi_{230}\ \Phi_{115}\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}$
144349	1836	2149	$\frac{7}{307}$	$\frac{1}{7}$	$\frac{69}{307}$	$\frac{100}{307}$	Φ_{2149}
144350	1836	1835	$\frac{47}{1835}$	$\frac{237}{1835}$	$\frac{413}{1835}$	$\frac{596}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_{5}\ \Phi_{1}^2$
144351	1836	2452	$\frac{16}{613}$	$\frac{69}{613}$	$\frac{1}{4}$	$\frac{199}{613}$	$\Phi_{2452}\ \Phi_{1226}$
144352	1836	115	$\frac{4}{115}$	$\frac{13}{115}$	$\frac{1}{5}$	$\frac{37}{115}$	$\Phi_{115}^{16}\ \Phi_{23}^{16}\ \Phi_{5}^{15}\ \Phi_{1}^{16}$
144353	1836	1166	$\frac{2}{53}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{53}$	$\Phi_{1166}^2\ \Phi_{583}\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{22}^4\ \Phi_{11}^2\ \Phi_{2}^4\ \Phi_{1}^4$
144354	1836	175	$\frac{1}{25}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{8}{25}$	$\Phi_{175}^{10}\ \Phi_{35}^{11}\ \Phi_{25}^{12}\ \Phi_{7}^{11}\ \Phi_{5}^{13}\ \Phi_{1}^{14}$
144355	1836	1300	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{8}{25}$	$\Phi_{1300}^2\ \Phi_{650}^2\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{52}^3\ \Phi_{26}^3$
144356	1836	175	$\frac{1}{25}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{8}{25}$	$\Phi_{175}^{10}\ \Phi_{35}^{11}\ \Phi_{25}^{12}\ \Phi_{7}^{11}\ \Phi_{5}^{13}\ \Phi_{1}^{14}$
144357	1836	50	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{8}{25}$	$\Phi_{50}^{40}\ \Phi_{25}^{32}\ \Phi_{10}^{44}\ \Phi_{5}^{35}\ \Phi_{2}^{44}\ \Phi_{1}^{36}$
144358	1836	175	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{8}{25}$	$\Phi_{175}^{10}\ \Phi_{35}^{10}\ \Phi_{25}^{12}\ \Phi_{7}^{15}\ \Phi_{5}^{12}\ \Phi_{1}^{18}$
144359	1836	1835	$\frac{74}{1835}$	$\frac{104}{1835}$	$\frac{577}{1835}$	$\frac{587}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_{5}\ \Phi_{1}^2$
144360	1836	1835	$\frac{83}{1835}$	$\frac{139}{1835}$	$\frac{424}{1835}$	$\frac{584}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_{5}\ \Phi_{1}^2$
144361	1836	286	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{5}{22}$	$\frac{7}{22}$	$\Phi_{286}^7\ \Phi_{143}^7\ \Phi_{26}^7\ \Phi_{13}^6$
144362	1836	410	$\frac{2}{41}$	$\frac{1}{10}$	$\frac{7}{41}$	$\frac{13}{41}$	$\Phi_{410}^5\ \Phi_{205}^5\ \Phi_{82}^5\ \Phi_{10}^4\ \Phi_{5}^4\ \Phi_{2}^4$
144363	1836	1835	$\frac{92}{1835}$	$\frac{209}{1835}$	$\frac{271}{1835}$	$\frac{581}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_{5}\ \Phi_{1}^2$
144364	1836	2149	$\frac{16}{307}$	$\frac{35}{307}$	$\frac{1}{7}$	$\frac{97}{307}$	Φ_{2149}
144365	1836	1835	$\frac{98}{1835}$	$\frac{169}{1835}$	$\frac{314}{1835}$	$\frac{579}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_{5}\ \Phi_{1}^2$
144366	1836	460	$\frac{5}{92}$	$\frac{7}{92}$	$\frac{1}{5}$	$\frac{29}{92}$	$\Phi_{460}^5\ \Phi_{230}^5\ \Phi_{115}^5\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_{5}^4$
144367	1836	1835	$\frac{101}{1835}$	$\frac{118}{1835}$	$\frac{419}{1835}$	$\frac{578}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_{5}\ \Phi_{1}^2$
144368	1836	2452	$\frac{34}{613}$	$\frac{35}{613}$	$\frac{1}{4}$	$\frac{193}{613}$	$\Phi_{2452}\ \Phi_{1226}$
144369	1836	1260	$\frac{1}{18}$	$\frac{2}{35}$	$\frac{1}{4}$	$\frac{11}{35}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}^4\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
144370	1836	385	$\frac{2}{35}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{11}{35}$	$\Phi_{385}^5\ \Phi_{77}^5\ \Phi_{55}^6\ \Phi_{35}\ \Phi_{11}^6\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
144371	1836	140	$\frac{2}{35}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{11}{35}$	$\Phi_{140}^{15}\ \Phi_{70}^{10}\ \Phi_{35}^{11}\ \Phi_{28}^{15}\ \Phi_{20}^{18}\ \Phi_{14}^{10}\ \Phi_{10}^{12}\ \Phi_{7}^{11}\ \Phi_{5}^{13}\ \Phi_{4}^{18}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
144372	1836	1962	$\frac{1}{18}$	$\frac{7}{109}$	$\frac{25}{109}$	$\frac{34}{109}$	$\Phi_{1962}\ \Phi_{981}\ \Phi_{654}\ \Phi_{327}\ \Phi_{218}$
144373	1836	871	$\frac{3}{67}$	$\frac{1}{13}$	$\frac{16}{67}$	$\frac{4}{13}$	$\Phi_{871}^2\ \Phi_{67}^3\ \Phi_{13}^4\ \Phi_{1}^6$
144374	1836	1170	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{90}^3\ \Phi_{45}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^3$
144375	1836	1835	$\frac{83}{1835}$	$\frac{146}{1835}$	$\frac{424}{1835}$	$\frac{563}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_{5}\ \Phi_{1}^2$
144376	1836	2452	$\frac{25}{613}$	$\frac{49}{613}$	$\frac{1}{4}$	$\frac{188}{613}$	$\Phi_{2452}\ \Phi_{1226}$
144377	1836	367	$\frac{15}{367}$	$\frac{31}{367}$	$\frac{88}{367}$	$\frac{112}{367}$	$\Phi_{367}^5\ \Phi_{1}^6$
144378	1836	220	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{1}{5}$	$\frac{67}{220}$	$\Phi_{220}^8\ \Phi_{110}^8\ \Phi_{55}^8\ \Phi_{44}^8\ \Phi_{22}^8\ \Phi_{20}^{12}\ \Phi_{11}^8\ \Phi_{10}^{12}\ \Phi_{5}^{11}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
144379	1836	1962	$\frac{1}{18}$	$\frac{10}{109}$	$\frac{19}{109}$	$\frac{33}{109}$	$\Phi_{1962}\ \Phi_{981}\ \Phi_{654}\ \Phi_{327}\ \Phi_{218}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
144380	1836	160	$\frac{7}{160}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{160}^{12}\ \Phi_{80}^{12}\ \Phi_{40}^{12}\ \Phi_{32}^{12}\ \Phi_{20}^{12}\ \Phi_{16}^{12}\ \Phi_{10}^{4}\ \Phi_{8}^{12}\ \Phi_{5}^{3}\ \Phi_{4}^{12}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
144381	1836	1835	$\frac{89}{1835}$	$\frac{194}{1835}$	$\frac{322}{1835}$	$\frac{547}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_{5}\ \Phi_{1}^{2}$
144382	1836	460	$\frac{19}{460}$	$\frac{49}{460}$	$\frac{1}{5}$	$\frac{137}{460}$	$\Phi_{460}^{4}\ \Phi_{230}^{4}\ \Phi_{115}^{4}\ \Phi_{92}^{4}\ \Phi_{46}^{4}\ \Phi_{23}^{4}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
144383	1836	2380	$\frac{1}{35}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{476}\ \Phi_{340}\ \Phi_{238}\ \Phi_{170}\ \Phi_{140}^{2}\ \Phi_{70}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}$
144384	1836	1717	$\frac{5}{101}$	$\frac{2}{17}$	$\frac{16}{101}$	$\frac{5}{17}$	$\Phi_{1717}\ \Phi_{101}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
144385	1836	2142	$\frac{1}{18}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{5}{17}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{126}^{2}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}$
144386	1836	888	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{888}^{3}\ \Phi_{444}^{3}\ \Phi_{222}^{3}\ \Phi_{148}\ \Phi_{111}^{3}\ \Phi_{74}$
144387	1836	2568	$\frac{3}{107}$	$\frac{1}{8}$	$\frac{26}{107}$	$\frac{7}{24}$	$\Phi_{2568}\ \Phi_{1284}\ \Phi_{642}\ \Phi_{321}\ \Phi_{107}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
144388	1836	840	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{840}^{4}\ \Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}\ \Phi_{120}^{3}\ \Phi_{105}^{4}\ \Phi_{70}\ \Phi_{60}^{3}\ \Phi_{35}\ \Phi_{30}^{3}\ \Phi_{20}\ \Phi_{15}^{3}\ \Phi_{10}$
144389	1836	2568	$\frac{5}{107}$	$\frac{1}{8}$	$\frac{17}{107}$	$\frac{7}{24}$	$\Phi_{2568}\ \Phi_{1284}\ \Phi_{642}\ \Phi_{321}\ \Phi_{107}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
144390	1836	3192	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{3192}\ \Phi_{1596}\ \Phi_{798}\ \Phi_{399}\ \Phi_{133}$
144391	1836	2568	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{2568}\ \Phi_{1284}\ \Phi_{642}\ \Phi_{321}\ \Phi_{107}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
144392	1836	1560	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{1560}^{2}\ \Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{312}\ \Phi_{195}^{2}\ \Phi_{156}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}$
144393	1836	385	$\frac{1}{35}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{385}^{5}\ \Phi_{77}^{5}\ \Phi_{55}^{4}\ \Phi_{35}^{4}\ \Phi_{11}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
144394	1836	1835	$\frac{77}{1835}$	$\frac{257}{1835}$	$\frac{293}{1835}$	$\frac{526}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_{5}\ \Phi_{1}^{2}$
144395	1836	728	$\frac{1}{13}$	$\frac{5}{56}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{728}^{3}\ \Phi_{364}^{3}\ \Phi_{182}^{3}\ \Phi_{104}^{3}\ \Phi_{91}\ \Phi_{52}^{3}\ \Phi_{26}^{3}$
144396	1836	1962	$\frac{1}{18}$	$\frac{13}{109}$	$\frac{16}{109}$	$\frac{31}{109}$	$\Phi_{1962}\ \Phi_{981}\ \Phi_{654}\ \Phi_{327}\ \Phi_{218}$
144397	1836	367	$\frac{19}{367}$	$\frac{44}{367}$	$\frac{58}{367}$	$\frac{103}{367}$	$\Phi_{367}^{5}\ \Phi_{1}^{6}$
144398	1836	2149	$\frac{13}{307}$	$\frac{1}{7}$	$\frac{49}{307}$	$\frac{86}{307}$	Φ_{2149}
144399	1836	175	$\frac{1}{35}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{175}^{10}\ \Phi_{35}^{14}\ \Phi_{25}^{8}\ \Phi_{7}^{14}\ \Phi_{5}^{11}\ \Phi_{1}^{12}$
144400	1836	1835	$\frac{41}{1835}$	$\frac{299}{1835}$	$\frac{441}{1835}$	$\frac{512}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_{5}\ \Phi_{1}^{2}$
144401	1836	2452	$\frac{13}{613}$	$\frac{100}{613}$	$\frac{1}{4}$	$\frac{171}{613}$	$\Phi_{2452}\ \Phi_{1226}$
144402	1836	572	$\frac{1}{52}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{572}^{3}\ \Phi_{286}^{3}\ \Phi_{143}^{3}\ \Phi_{52}^{6}\ \Phi_{44}^{2}\ \Phi_{26}^{6}\ \Phi_{22}^{2}\ \Phi_{13}^{6}\ \Phi_{11}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
144403	1836	2090	$\frac{1}{38}$	$\frac{2}{11}$	$\frac{37}{190}$	$\frac{3}{11}$	$\Phi_{2090}\ \Phi_{1045}\ \Phi_{190}^{2}\ \Phi_{110}\ \Phi_{95}^{2}\ \Phi_{55}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
144404	1836	1760	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}^{2}\ \Phi_{110}\ \Phi_{80}^{2}\ \Phi_{55}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
144405	1836	209	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{209}^{8}\ \Phi_{19}^{16}\ \Phi_{11}^{9}\ \Phi_{1}^{18}$
144406	1836	990	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{330}^{2}\ \Phi_{198}\ \Phi_{165}^{2}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}^{4}\ \Phi_{66}\ \Phi_{55}\ \Phi_{45}^{4}\ \Phi_{33}\ \Phi_{30}^{4}\ \Phi_{18}^{2}\ \Phi_{15}^{4}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
144407	1836	910	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{13}{70}$	$\frac{19}{70}$	$\Phi_{910}^{2}\ \Phi_{455}^{2}\ \Phi_{182}^{3}\ \Phi_{130}^{2}\ \Phi_{91}^{3}\ \Phi_{65}^{2}\ \Phi_{26}^{3}\ \Phi_{13}^{2}$
144408	1836	1924	$\frac{1}{52}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{481}\ \Phi_{148}\ \Phi_{74}$
144409	1836	495	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{495}^{5}\ \Phi_{99}^{5}\ \Phi_{55}^{4}\ \Phi_{45}^{4}\ \Phi_{11}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
144410	1836	367	$\frac{16}{367}$	$\frac{39}{367}$	$\frac{82}{367}$	$\frac{95}{367}$	$\Phi_{367}^{5}\ \Phi_{1}^{6}$
144411	1836	1962	$\frac{1}{18}$	$\frac{9}{109}$	$\frac{25}{109}$	$\frac{28}{109}$	$\Phi_{1962}\ \Phi_{981}\ \Phi_{654}\ \Phi_{327}\ \Phi_{218}$
144412	1836	1835	$\frac{99}{1835}$	$\frac{152}{1835}$	$\frac{434}{1835}$	$\frac{467}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_{5}\ \Phi_{1}^{2}$
144413	1836	410	$\frac{9}{205}$	$\frac{1}{10}$	$\frac{49}{205}$	$\frac{52}{205}$	$\Phi_{410}^{5}\ \Phi_{205}^{4}\ \Phi_{82}^{5}\ \Phi_{41}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
144414	1836	1835	$\frac{27}{1835}$	$\frac{452}{1835}$	$\frac{458}{1835}$	$\frac{461}{1835}$	$\Phi_{1835}\ \Phi_{367}\ \Phi_{5}\ \Phi_{1}^{2}$
144415	1836	2452	$\frac{9}{613}$	$\frac{151}{613}$	$\frac{1}{4}$	$\frac{154}{613}$	$\Phi_{2452}\ \Phi_{1226}$
144416	1836	276	$\frac{1}{69}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{276}^{7}\ \Phi_{138}^{7}\ \Phi_{92}^{7}\ \Phi_{69}^{6}\ \Phi_{46}^{7}\ \Phi_{23}^{6}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
144417	1836	812	$\frac{3}{203}$	$\frac{50}{203}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{812}^2\ \Phi_{406}^2\ \Phi_{203}^3\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
144418	1836	260	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{260}^9\ \Phi_{130}^9\ \Phi_{65}^9\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_5^6$
144419	1836	812	$\frac{5}{203}$	$\frac{33}{203}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{812}^2\ \Phi_{406}^2\ \Phi_{203}^3\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
144420	1836	740	$\frac{1}{37}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{740}^3\ \Phi_{370}^3\ \Phi_{185}^3\ \Phi_{148}\ \Phi_{74}$
144421	1836	140	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^{12}\ \Phi_{70}^{12}\ \Phi_{35}^{18}\ \Phi_{28}^{10}\ \Phi_{20}^{12}\ \Phi_{14}^{10}\ \Phi_{10}^{12}\ \Phi_7^{15}\ \Phi_5^{18}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{18}$
144422	1836	116	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{116}^{14}\ \Phi_{58}^{18}\ \Phi_{29}^{17}\ \Phi_4^{16}\ \Phi_2^{20}\ \Phi_1^{20}$
144423	1836	812	$\frac{11}{203}$	$\frac{16}{203}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{812}^2\ \Phi_{406}^2\ \Phi_{203}^3\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
144424	1836	468	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{468}^4\ \Phi_{234}^5\ \Phi_{156}^4\ \Phi_{117}^5\ \Phi_{78}^5\ \Phi_{52}^2\ \Phi_{39}^5\ \Phi_{26}^3\ \Phi_{13}^2$
144425	1836	3040	$\frac{3}{152}$	$\frac{1}{5}$	$\frac{149}{608}$	$\frac{1}{4}$	$\Phi_{3040}\ \Phi_{1520}\ \Phi_{160}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
144426	1836	2140	$\frac{3}{107}$	$\frac{3}{20}$	$\frac{26}{107}$	$\frac{1}{4}$	$\Phi_{2140}\ \Phi_{1070}\ \Phi_{535}\ \Phi_{107}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
144427	1836	1340	$\frac{3}{67}$	$\frac{1}{10}$	$\frac{16}{67}$	$\frac{1}{4}$	$\Phi_{1340}^2\ \Phi_{670}\ \Phi_{335}\ \Phi_{268}\ \Phi_{67}\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
144428	1836	2452	$\frac{33}{613}$	$\frac{52}{613}$	$\frac{145}{613}$	$\frac{1}{4}$	$\Phi_{2452}\ \Phi_{1226}$
144429	1836	1260	$\frac{1}{18}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}$ $\Phi_{90}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}^4\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{18}^2$ $\Phi_{15}\ \Phi_{12}^4\ \Phi_9^2\ \Phi_7\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
144430	1836	836	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{836}^3\ \Phi_{418}\ \Phi_{209}^2\ \Phi_{76}^4\ \Phi_{38}^2\ \Phi_{19}^2$
144431	1836	2452	$\frac{28}{613}$	$\frac{65}{613}$	$\frac{137}{613}$	$\frac{1}{4}$	$\Phi_{2452}\ \Phi_{1226}$
144432	1836	2368	$\frac{1}{37}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{2368}\ \Phi_{1184}\ \Phi_{148}\ \Phi_{74}$
144433	1836	380	$\frac{1}{38}$	$\frac{37}{190}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{380}^6\ \Phi_{190}^3\ \Phi_{95}^3\ \Phi_{76}^8\ \Phi_{38}^4\ \Phi_{20}^7\ \Phi_{19}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^8\ \Phi_2^4\ \Phi_1^4$
144434	1836	140	$\frac{1}{28}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^{13}\ \Phi_{70}^{13}\ \Phi_{35}^{13}\ \Phi_{28}^{16}\ \Phi_{20}^{10}\ \Phi_{14}^{16}\ \Phi_{10}^{10}\ \Phi_7^{16}\ \Phi_5^9\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
144435	1836	2660	$\frac{3}{76}$	$\frac{73}{532}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{665}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
144436	1836	160	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{160}^{12}\ \Phi_{80}^{12}\ \Phi_{40}^9\ \Phi_{32}^{12}\ \Phi_{20}^{10}\ \Phi_{16}^{12}\ \Phi_{10}^{10}\ \Phi_8^{12}\ \Phi_5^9\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
144437	1836	380	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{380}^8\ \Phi_{190}^8\ \Phi_{20}^9\ \Phi_{10}^9$
144438	1836	180	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^{14}\ \Phi_{90}^7\ \Phi_{60}^{14}\ \Phi_{45}^7\ \Phi_{36}^{16}\ \Phi_{30}^7\ \Phi_{20}^7\ \Phi_{18}^8\ \Phi_{15}^7\ \Phi_{12}^{16}\ \Phi_{10}^4\ \Phi_9^8\ \Phi_6^8$ $\Phi_5^3\ \Phi_4^8\ \Phi_3^8\ \Phi_2^4\ \Phi_1^4$
144439	1836	2860	$\frac{4}{55}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2860}\ \Phi_{1430}\ \Phi_{572}\ \Phi_{286}\ \Phi_{52}\ \Phi_{26}$
144440	1836	2140	$\frac{5}{107}$	$\frac{3}{20}$	$\frac{17}{107}$	$\frac{1}{4}$	$\Phi_{2140}\ \Phi_{1070}\ \Phi_{535}\ \Phi_{107}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
144441	1836	2828	$\frac{5}{101}$	$\frac{1}{7}$	$\frac{16}{101}$	$\frac{1}{4}$	$\Phi_{2828}\ \Phi_{1414}\ \Phi_{28}^2\ \Phi_{14}^2$
144442	1836	2452	$\frac{31}{613}$	$\frac{86}{613}$	$\frac{97}{613}$	$\frac{1}{4}$	$\Phi_{2452}\ \Phi_{1226}$
144443	1836	2660	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{665}\ \Phi_{133}$
144444	1836	2140	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{2140}\ \Phi_{1070}\ \Phi_{535}\ \Phi_{107}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
144445	1836	260	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{260}^7\ \Phi_{130}^8\ \Phi_{65}^8\ \Phi_{52}^8\ \Phi_{26}^9\ \Phi_{13}^8$
144446	1836	252	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{252}^{10}\ \Phi_{126}^5\ \Phi_{84}^{10}\ \Phi_{63}^5\ \Phi_{42}^5\ \Phi_{36}^{12}\ \Phi_{28}^5\ \Phi_{21}^5\ \Phi_{18}^6\ \Phi_{12}^{12}\ \Phi_9^6\ \Phi_7^5\ \Phi_6^6$ $\Phi_4^6\ \Phi_3^6\ \Phi_1^6$
144447	1836	200	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{47}{200}$	$\Phi_{200}^{12}\ \Phi_{100}^{12}\ \Phi_{40}^{12}\ \Phi_{20}^{12}\ \Phi_{10}^4\ \Phi_8^{12}\ \Phi_5^3\ \Phi_4^{12}\ \Phi_2^4\ \Phi_1^4$
144448	1836	385	$\frac{4}{55}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{8}{35}$	$\Phi_{385}^5\ \Phi_{77}^5\ \Phi_{55}^6\ \Phi_{35}\ \Phi_{11}^6\ \Phi_7\ \Phi_5\ \Phi_1^2$
144449	1836	140	$\frac{3}{35}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{8}{35}$	$\Phi_{140}^{15}\ \Phi_{70}^{10}\ \Phi_{35}^{11}\ \Phi_{28}^{15}\ \Phi_{20}^{18}\ \Phi_{14}^{10}\ \Phi_{10}^{12}\ \Phi_7^{11}\ \Phi_5^{13}\ \Phi_4^{18}\ \Phi_2^{12}\ \Phi_1^{14}$
144450	1836	286	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{22}$	$\Phi_{286}^9\ \Phi_{143}^5\ \Phi_{26}^9\ \Phi_{13}^4$
144451	1836	1166	$\frac{1}{11}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{5}{22}$	$\Phi_{1166}^2\ \Phi_{583}\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{22}^4\ \Phi_{11}^2\ \Phi_2^4\ \Phi_1^4$
144452	1836	770	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{5}{22}$	$\Phi_{770}^3\ \Phi_{385}^3\ \Phi_{154}\ \Phi_{77}^2\ \Phi_{70}^4\ \Phi_{35}^4\ \Phi_{14}^2\ \Phi_7^2$
144453	1836	2548	$\frac{1}{13}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{196}$	$\Phi_{2548}\ \Phi_{1274}\ \Phi_{364}\ \Phi_{182}\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
144454	1836	575	$\frac{4}{115}$	$\frac{111}{575}$	$\frac{1}{5}$	$\frac{116}{575}$	$\Phi_{575}^{3}\ \Phi_{115}^{4}\ \Phi_{25}^{3}\ \Phi_{23}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
144455	1836	520	$\frac{4}{65}$	$\frac{61}{520}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{520}^{4}\ \Phi_{260}^{4}\ \Phi_{130}^{4}\ \Phi_{104}^{4}\ \Phi_{52}^{4}\ \Phi_{40}^{4}\ \Phi_{26}^{4}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
144456	1836	490	$\frac{31}{490}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{490}^{4}\ \Phi_{245}^{4}\ \Phi_{98}^{4}\ \Phi_{70}^{4}\ \Phi_{49}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
144457	1836	110	$\frac{4}{55}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{110}^{20}\ \Phi_{55}^{16}\ \Phi_{22}^{20}\ \Phi_{11}^{16}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
144458	1836	250	$\frac{2}{25}$	$\frac{1}{10}$	$\frac{23}{125}$	$\frac{1}{5}$	$\Phi_{250}^{10}\ \Phi_{125}^{8}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
144459	1836	500	$\frac{41}{500}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{5}$	$\Phi_{500}^{4}\ \Phi_{250}^{4}\ \Phi_{125}^{4}\ \Phi_{100}^{4}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
144460	1836	150	$\frac{7}{75}$	$\frac{1}{10}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{150}^{15}\ \Phi_{75}^{12}\ \Phi_{50}^{10}\ \Phi_{30}^{15}\ \Phi_{25}^{8}\ \Phi_{15}^{12}\ \Phi_{10}^{14}\ \Phi_{6}^{15}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{2}^{14}\ \Phi_{1}^{12}$
144461	1836	20	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{5}$	$\Phi_{20}^{108}\ \Phi_{10}^{76}\ \Phi_{5}^{75}\ \Phi_{4}^{108}\ \Phi_{2}^{76}\ \Phi_{1}^{76}$
144462	1836	385	$\frac{4}{55}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{385}^{5}\ \Phi_{77}^{5}\ \Phi_{55}^{6}\ \Phi_{11}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
144463	1836	410	$\frac{1}{10}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{7}{41}$	$\Phi_{410}^{5}\ \Phi_{205}^{5}\ \Phi_{82}^{5}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}$
144464	1836	140	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{20}$	$\Phi_{140}^{15}\ \Phi_{70}^{10}\ \Phi_{35}^{10}\ \Phi_{28}^{15}\ \Phi_{20}^{18}\ \Phi_{14}^{10}\ \Phi_{10}^{12}\ \Phi_{7}^{15}\ \Phi_{5}^{12}\ \Phi_{4}^{18}\ \Phi_{2}^{12}\ \Phi_{1}^{18}$
144465	1837	3664	$\frac{5}{1832}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1827}{3664}$	$\Phi_{3664}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
144466	1837	3264	$\frac{1}{204}$	$\frac{205}{1632}$	$\frac{1427}{3264}$	$\frac{203}{408}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{408}\ \Phi_{192}\ \Phi_{136}\ \Phi_{64}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
144467	1837	2448	$\frac{1}{204}$	$\frac{611}{2448}$	$\frac{205}{816}$	$\frac{203}{408}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{153}\ \Phi_{144}\ \Phi_{136}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
144468	1837	1660	$\frac{1}{166}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{165}{332}$	$\Phi_{830}^{2}\ \Phi_{415}^{2}\ \Phi_{332}\ \Phi_{166}^{2}\ \Phi_{83}^{2}\ \Phi_{20}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
144469	1837	4980	$\frac{1}{166}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{165}{332}$	$\Phi_{4980}\ \Phi_{996}\ \Phi_{332}\ \Phi_{60}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
144470	1837	3648	$\frac{13}{1824}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1811}{3648}$	$\Phi_{3648}\ \Phi_{1216}\ \Phi_{192}\ \Phi_{64}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
144471	1837	3648	$\frac{13}{1824}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1811}{3648}$	$\Phi_{3648}\ \Phi_{1216}\ \Phi_{192}\ \Phi_{64}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
144472	1837	2208	$\frac{3}{368}$	$\frac{371}{2208}$	$\frac{1}{4}$	$\frac{365}{736}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{96}\ \Phi_{92}\ \Phi_{69}\ \Phi_{48}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
144473	1837	3456	$\frac{1}{108}$	$\frac{109}{1728}$	$\frac{1619}{3456}$	$\frac{107}{216}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{216}\ \Phi_{128}\ \Phi_{72}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
144474	1837	2592	$\frac{1}{108}$	$\frac{109}{864}$	$\frac{755}{2592}$	$\frac{107}{216}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
144475	1837	2160	$\frac{1}{108}$	$\frac{323}{2160}$	$\frac{109}{432}$	$\frac{107}{216}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
144476	1837	3640	$\frac{17}{1820}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1803}{3640}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{280}\ \Phi_{104}\ \Phi_{56}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
144477	1837	660	$\frac{2}{165}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{163}{330}$	$\Phi_{660}^{3}\ \Phi_{330}^{2}\ \Phi_{220}^{3}\ \Phi_{165}^{3}\ \Phi_{132}^{3}\ \Phi_{110}^{2}\ \Phi_{66}^{2}\ \Phi_{60}^{3}\ \Phi_{55}^{3}\ \Phi_{44}^{3}\ \Phi_{33}^{3}\ \Phi_{30}^{2}\ \Phi_{22}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{5}\ \Phi_{11}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
144478	1837	3536	$\frac{1}{68}$	$\frac{69}{1768}$	$\frac{1699}{3536}$	$\frac{67}{136}$	$\Phi_{3536}\ \Phi_{272}\ \Phi_{208}\ \Phi_{136}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
144479	1837	672	$\frac{1}{56}$	$\frac{1}{12}$	$\frac{57}{224}$	$\frac{55}{112}$	$\Phi_{672}^{4}\ \Phi_{224}^{3}\ \Phi_{168}^{4}\ \Phi_{96}^{4}\ \Phi_{84}^{4}\ \Phi_{56}^{3}\ \Phi_{42}^{4}\ \Phi_{32}^{3}\ \Phi_{28}^{3}\ \Phi_{24}^{4}\ \Phi_{21}^{4}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{3}\ \Phi_{1}^{3}$
144480	1837	984	$\frac{3}{164}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{161}{328}$	$\Phi_{984}^{4}\ \Phi_{328}^{3}\ \Phi_{24}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{3}\ \Phi_{1}^{3}$
144481	1837	3600	$\frac{37}{1800}$	$\frac{1}{36}$	$\frac{35}{72}$	$\frac{1763}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
144482	1837	3600	$\frac{37}{1800}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1763}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
144483	1837	3600	$\frac{37}{1800}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1763}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{16}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
144484	1837	2214	$\frac{8}{369}$	$\frac{1}{9}$	$\frac{377}{2214}$	$\frac{361}{738}$	$\Phi_{2214}\ \Phi_{1107}\ \Phi_{369}\ \Phi_{123}\ \Phi_{54}\ \Phi_{41}\ \Phi_{27}\ \Phi_{1}$
144485	1837	2160	$\frac{1}{36}$	$\frac{37}{360}$	$\frac{323}{2160}$	$\frac{35}{72}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
144486	1837	324	$\frac{5}{162}$	$\frac{1}{27}$	$\frac{26}{81}$	$\frac{157}{324}$	$\Phi_{324}^{11}\ \Phi_{108}^{11}\ \Phi_{81}\ \Phi_{36}^{11}\ \Phi_{12}^{11}\ \Phi_{4}^{11}\ \Phi_{1}$
144487	1837	324	$\frac{5}{162}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{157}{324}$	$\Phi_{324}^{5}\ \Phi_{162}^{6}\ \Phi_{108}^{5}\ \Phi_{81}^{6}\ \Phi_{54}^{6}\ \Phi_{36}^{5}\ \Phi_{27}^{6}\ \Phi_{18}^{6}\ \Phi_{12}^{10}\ \Phi_{9}^{6}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
144488	1837	1932	$\frac{6}{161}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{155}{322}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{276}\ \Phi_{161}\ \Phi_{138}\ \Phi_{92}\ \Phi_{84}^2\ \Phi_{69}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{23}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
144489	1837	1920	$\frac{3}{80}$	$\frac{83}{1920}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
144490	1837	3528	$\frac{73}{1764}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1691}{3528}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{392}\ \Phi_{168}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
144491	1837	192	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{25}{192}$	$\frac{23}{48}$	$\Phi_{192}^{11}\ \Phi_{96}^{11}\ \Phi_{64}^{11}\ \Phi_{32}^{11}\ \Phi_{24}^{11}\ \Phi_{12}^{10}\ \Phi_8^{11}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
144492	1837	2484	$\frac{1}{27}$	$\frac{26}{621}$	$\frac{647}{2484}$	$\frac{595}{1242}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{621}\ \Phi_{276}\ \Phi_{207}\ \Phi_{108}\ \Phi_{92}\ \Phi_{69}\ \Phi_{36}\ \Phi_{23}\ \Phi_{12}\ \Phi_4\ \Phi_1$
144493	1837	320	$\frac{3}{80}$	$\frac{7}{160}$	$\frac{1}{4}$	$\frac{153}{320}$	$\Phi_{320}^{11}\ \Phi_{80}\ \Phi_{64}^{11}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
144494	1837	960	$\frac{7}{160}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{153}{320}$	$\Phi_{960}^4\ \Phi_{320}^3\ \Phi_{192}^4\ \Phi_{64}^3\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
144495	1837	3496	$\frac{3}{92}$	$\frac{89}{1748}$	$\frac{1}{4}$	$\frac{1659}{3496}$	$\Phi_{3496}\ \Phi_{184}\ \Phi_{152}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_8\ \Phi_1$
144496	1837	3456	$\frac{1}{36}$	$\frac{109}{1728}$	$\frac{35}{144}$	$\frac{1619}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
144497	1837	2016	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{179}{2016}$	$\frac{157}{336}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
144498	1837	312	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{145}{312}$	$\Phi_{312}^{11}\ \Phi_{104}^{11}\ \Phi_{24}^{11}\ \Phi_{12}^{10}\ \Phi_8^{11}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
144499	1837	3400	$\frac{1}{34}$	$\frac{137}{1700}$	$\frac{33}{170}$	$\frac{1563}{3400}$	$\Phi_{3400}\ \Phi_{680}\ \Phi_{200}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{40}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
144500	1837	2736	$\frac{13}{912}$	$\frac{1}{12}$	$\frac{899}{2736}$	$\frac{11}{24}$	$\Phi_{2736}\ \Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
144501	1837	1872	$\frac{35}{1872}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{24}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_8\ \Phi_1$
144502	1837	2280	$\frac{13}{456}$	$\frac{1}{12}$	$\frac{443}{2280}$	$\frac{11}{24}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{120}\ \Phi_{95}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
144503	1837	1920	$\frac{83}{1920}$	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{11}{24}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
144504	1837	924	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{154}$	$\frac{141}{308}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^4\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{42}^4\ \Phi_{33}^2\ \Phi_{28}^3\ \Phi_{22}^2\ \Phi_{21}^4\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
144505	1837	204	$\frac{1}{34}$	$\frac{3}{34}$	$\frac{37}{204}$	$\frac{31}{68}$	$\Phi_{204}^{11}\ \Phi_{102}^{11}\ \Phi_{51}^{11}\ \Phi_{34}^{10}\ \Phi_{17}^{10}\ \Phi_{12}^{11}\ \Phi_6^{11}\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
144506	1837	3360	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{157}{1680}$	$\frac{1523}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{168}\ \Phi_{160}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
144507	1837	4980	$\frac{1}{83}$	$\frac{1}{10}$	$\frac{82}{249}$	$\frac{9}{20}$	$\Phi_{4980}\ \Phi_{996}\ \Phi_{249}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
144508	1837	340	$\frac{3}{170}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{340}^4\ \Phi_{170}^7\ \Phi_{85}^7\ \Phi_{68}^4\ \Phi_{34}^7\ \Phi_{20}^3\ \Phi_{17}^7\ \Phi_{10}^5\ \Phi_5^5\ \Phi_4^2\ \Phi_2^4\ \Phi_1^5$
144509	1837	3312	$\frac{3}{184}$	$\frac{181}{1656}$	$\frac{1}{4}$	$\frac{1475}{3312}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{184}\ \Phi_{144}\ \Phi_{92}\ \Phi_{48}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_8\ \Phi_1$
144510	1837	528	$\frac{9}{176}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{176}^3\ \Phi_{132}^4\ \Phi_{88}^3\ \Phi_{66}^4\ \Phi_{44}^3\ \Phi_{33}^4\ \Phi_{24}^4\ \Phi_{22}^3\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
144511	1837	3264	$\frac{1}{68}$	$\frac{205}{1632}$	$\frac{67}{272}$	$\frac{1427}{3264}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{272}\ \Phi_{192}\ \Phi_{136}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
144512	1837	3240	$\frac{1}{108}$	$\frac{217}{1620}$	$\frac{107}{324}$	$\frac{1403}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{120}\ \Phi_{81}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_8\ \Phi_1$
144513	1837	3240	$\frac{1}{54}$	$\frac{217}{1620}$	$\frac{53}{270}$	$\frac{1403}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
144514	1837	588	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{20}{147}$	$\frac{127}{294}$	$\Phi_{588}^3\ \Phi_{294}^2\ \Phi_{196}^3\ \Phi_{147}^3\ \Phi_{98}^2\ \Phi_{84}^6\ \Phi_{49}^3\ \Phi_{42}^5\ \Phi_{28}^6\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_7^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
144515	1837	2268	$\frac{1}{54}$	$\frac{53}{378}$	$\frac{431}{2268}$	$\frac{325}{756}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{324}\ \Phi_{189}\ \Phi_{162}\ \Phi_{126}\ \Phi_{81}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
144516	1837	288	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{23}{144}$	$\frac{121}{288}$	$\Phi_{288}^{11}\ \Phi_{96}^{11}\ \Phi_{32}^{11}\ \Phi_{24}^{11}\ \Phi_{12}^{10}\ \Phi_8^{11}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
144517	1837	2592	$\frac{1}{108}$	$\frac{107}{648}$	$\frac{755}{2592}$	$\frac{541}{1296}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{648}\ \Phi_{324}\ \Phi_{288}\ \Phi_{216}\ \Phi_{162}\ \Phi_{96}\ \Phi_{81}\ \Phi_{72}\ \Phi_{32}\ \Phi_{24}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
144518	1837	1890	$\frac{53}{1890}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{54}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
144519	1837	1856	$\frac{19}{1856}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{64}\ \Phi_{58}\ \Phi_{29}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
144520	1837	840	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{27}{140}$	$\frac{113}{280}$	$\Phi_{840}^4\ \Phi_{280}^3\ \Phi_{168}^4\ \Phi_{120}^4\ \Phi_{84}^4\ \Phi_{56}^3\ \Phi_{42}^4\ \Phi_{40}^3\ \Phi_{28}^3\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{7}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
144521	1837	2040	$\frac{1}{34}$	$\frac{203}{2040}$	$\frac{33}{170}$	$\frac{137}{340}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}\ \Phi_{120}\ \Phi_{102}\ \Phi_{85}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
144522	1837	2160	$\frac{1}{54}$	$\frac{323}{2160}$	$\frac{53}{270}$	$\frac{217}{540}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
144523	1837	3024	$\frac{1}{54}$	$\frac{53}{378}$	$\frac{325}{1512}$	$\frac{1187}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{378}\ \Phi_{336}\ \Phi_{189}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
144524	1837	504	$\frac{1}{168}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^5\ \Phi_{126}^3\ \Phi_{84}^5\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^5\ \Phi_{42}^5\ \Phi_{36}^3\ \Phi_{28}^5\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{18}^2\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_{9}^3\ \Phi_{8}^5\ \Phi_{7}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
144525	1837	272	$\frac{1}{34}$	$\frac{3}{34}$	$\frac{31}{136}$	$\frac{105}{272}$	$\Phi_{272}^{11}\ \Phi_{34}^{10}\ \Phi_{17}^{10}\ \Phi_{16}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
144526	1837	2016	$\frac{1}{36}$	$\frac{179}{2016}$	$\frac{35}{144}$	$\frac{109}{288}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
144527	1837	2952	$\frac{8}{369}$	$\frac{1}{9}$	$\frac{361}{1476}$	$\frac{1115}{2952}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{369}\ \Phi_{328}\ \Phi_{123}\ \Phi_{72}\ \Phi_{41}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
144528	1837	2176	$\frac{1}{68}$	$\frac{339}{2176}$	$\frac{67}{272}$	$\frac{205}{544}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{272}\ \Phi_{136}\ \Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
144529	1837	2944	$\frac{3}{368}$	$\frac{365}{1472}$	$\frac{1}{4}$	$\frac{1107}{2944}$	$\Phi_{2944}\ \Phi_{368}\ \Phi_{184}\ \Phi_{128}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
144530	1837	336	$\frac{1}{168}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{336}^8\ \Phi_{168}^3\ \Phi_{112}^8\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^8\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^7\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{7}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
144531	1837	2856	$\frac{1}{68}$	$\frac{67}{476}$	$\frac{409}{1428}$	$\frac{1019}{2856}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{476}\ \Phi_{408}\ \Phi_{238}\ \Phi_{168}\ \Phi_{136}\ \Phi_{119}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
144532	1837	2808	$\frac{1}{36}$	$\frac{35}{468}$	$\frac{433}{1404}$	$\frac{971}{2808}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{216}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
144533	1837	1944	$\frac{1}{27}$	$\frac{107}{1944}$	$\frac{26}{81}$	$\frac{55}{162}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
144534	1837	252	$\frac{1}{42}$	$\frac{1}{12}$	$\frac{41}{126}$	$\frac{85}{252}$	$\Phi_{252}^5\ \Phi_{126}^6\ \Phi_{84}^{11}\ \Phi_{63}^6\ \Phi_{42}^{11}\ \Phi_{36}^5\ \Phi_{28}^{11}\ \Phi_{21}^{11}\ \Phi_{18}^6\ \Phi_{14}^{11}\ \Phi_{12}^{10}\ \Phi_{9}^6\ \Phi_{7}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
144535	1837	2760	$\frac{3}{460}$	$\frac{1}{4}$	$\frac{457}{1380}$	$\frac{923}{2760}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{552}\ \Phi_{460}\ \Phi_{230}\ \Phi_{184}\ \Phi_{120}\ \Phi_{115}\ \Phi_{92}\ \Phi_{46}\ \Phi_{40}\ \Phi_{24}\ \Phi_{23}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
144536	1837	396	$\frac{2}{33}$	$\frac{1}{12}$	$\frac{31}{198}$	$\frac{1}{3}$	$\Phi_{396}^6\ \Phi_{198}^5\ \Phi_{132}^3\ \Phi_{99}^5\ \Phi_{66}^2\ \Phi_{44}^3\ \Phi_{36}^6\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_{11}^3\ \Phi_{9}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
144537	1837	180	$\frac{13}{180}$	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{60}^8\ \Phi_{45}^{11}\ \Phi_{36}^{11}\ \Phi_{30}^8\ \Phi_{20}^8\ \Phi_{18}^{11}\ \Phi_{15}^9\ \Phi_{12}^{10}\ \Phi_{10}^8\ \Phi_{9}^{11}\ \Phi_{6}^{10}\ \Phi_{5}^9\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
144538	1837	1245	$\frac{1}{83}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{82}{249}$	$\Phi_{1245}\ \Phi_{415}^2\ \Phi_{249}^2\ \Phi_{83}^2\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{3}^3\ \Phi_{1}^3$
144539	1837	2736	$\frac{13}{912}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{899}{2736}$	$\Phi_{2736}\ \Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
144540	1837	2208	$\frac{3}{184}$	$\frac{371}{2208}$	$\frac{1}{4}$	$\frac{181}{552}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{368}\ \Phi_{184}\ \Phi_{96}\ \Phi_{92}\ \Phi_{48}\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
144541	1837	243	$\frac{1}{27}$	$\frac{5}{81}$	$\frac{76}{243}$	$\frac{26}{81}$	$\Phi_{243}^{11}\ \Phi_{81}\ \Phi_{1}$
144542	1837	2700	$\frac{37}{900}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{863}{2700}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
144543	1837	216	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{49}{216}$	$\frac{23}{72}$	$\Phi_{216}^{11}\ \Phi_{108}^{11}\ \Phi_{54}^{11}\ \Phi_{27}^{11}\ \Phi_{24}^{11}\ \Phi_{12}^{10}\ \Phi_{8}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
144544	1837	1920	$\frac{83}{1920}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
144545	1837	240	$\frac{3}{80}$	$\frac{7}{80}$	$\frac{1}{4}$	$\frac{73}{240}$	$\Phi_{240}^{11}\ \Phi_{120}^{11}\ \Phi_{80}\ \Phi_{60}^{11}\ \Phi_{48}^{11}\ \Phi_{40}\ \Phi_{30}^{11}\ \Phi_{24}^{11}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}^{11}\ \Phi_{12}^{11}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}^{11}\ \Phi_{5}\ \Phi_{3}^{11}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
144546	1837	240	$\frac{1}{12}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{240}$	$\Phi_{240}^{7}\ \Phi_{120}^{7}\ \Phi_{80}^{8}\ \Phi_{60}^{7}\ \Phi_{48}^{7}\ \Phi_{40}^{8}\ \Phi_{30}^{7}\ \Phi_{24}^{11}\ \Phi_{20}^{8}\ \Phi_{16}^{8}\ \Phi_{15}^{7}\ \Phi_{12}^{10}\ \Phi_{10}^{8}\ \Phi_{8}^{11}\ \Phi_{6}^{10}\ \Phi_{5}^{8}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
144547	1837	2592	$\frac{1}{36}$	$\frac{109}{864}$	$\frac{35}{144}$	$\frac{755}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
144548	1837	2016	$\frac{1}{12}$	$\frac{179}{2016}$	$\frac{11}{84}$	$\frac{73}{252}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
144549	1837	2550	$\frac{1}{34}$	$\frac{137}{850}$	$\frac{33}{170}$	$\frac{713}{2550}$	$\Phi_{2550}\ \Phi_{1275}\ \Phi_{510}\ \Phi_{255}\ \Phi_{170}\ \Phi_{150}\ \Phi_{102}\ \Phi_{85}\ \Phi_{75}\ \Phi_{51}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
144550	1837	180	$\frac{13}{180}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{60}^{11}\ \Phi_{45}^{11}\ \Phi_{36}^{5}\ \Phi_{30}^{11}\ \Phi_{20}^{11}\ \Phi_{18}^{6}\ \Phi_{15}^{11}\ \Phi_{12}^{10}\ \Phi_{10}^{11}\ \Phi_{9}^{6}\ \Phi_{6}^{10}\ \Phi_{5}^{11}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
144551	1837	2520	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{157}{840}$	$\frac{683}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
144552	1837	1872	$\frac{35}{1872}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{16}\ \Phi_{13}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
144553	1837	2430	$\frac{1}{54}$	$\frac{53}{270}$	$\frac{593}{2430}$	$\frac{217}{810}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{486}\ \Phi_{270}\ \Phi_{243}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
144554	1837	2160	$\frac{1}{36}$	$\frac{323}{2160}$	$\frac{35}{144}$	$\frac{109}{432}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
144555	1837	2448	$\frac{1}{68}$	$\frac{67}{272}$	$\frac{611}{2448}$	$\frac{205}{816}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{272}\ \Phi_{153}\ \Phi_{144}\ \Phi_{136}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
144556	1837	2432	$\frac{13}{608}$	$\frac{3}{16}$	$\frac{595}{2432}$	$\frac{1}{4}$	$\Phi_{2432}\ \Phi_{1216}\ \Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
144557	1837	2400	$\frac{37}{600}$	$\frac{3}{40}$	$\frac{563}{2400}$	$\frac{1}{4}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
144558	1837	2128	$\frac{13}{304}$	$\frac{291}{2128}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{133}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
144559	1837	1920	$\frac{83}{1920}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
144560	1837	2000	$\frac{3}{40}$	$\frac{163}{2000}$	$\frac{37}{200}$	$\frac{1}{4}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{125}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
144561	1837	1960	$\frac{123}{1960}$	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
144562	1837	2080	$\frac{17}{260}$	$\frac{243}{2080}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{208}\ \Phi_{160}\ \Phi_{104}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
144563	1837	2160	$\frac{3}{40}$	$\frac{37}{360}$	$\frac{323}{2160}$	$\frac{1}{4}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{40}\ \Phi_{27}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
144564	1837	2304	$\frac{1}{36}$	$\frac{109}{576}$	$\frac{467}{2304}$	$\frac{35}{144}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
144565	1837	216	$\frac{1}{12}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{216}$	$\Phi_{216}^{11}\ \Phi_{108}^{5}\ \Phi_{72}^{11}\ \Phi_{54}^{6}\ \Phi_{36}^{5}\ \Phi_{27}^{6}\ \Phi_{24}^{11}\ \Phi_{18}^{6}\ \Phi_{12}^{10}\ \Phi_{9}^{6}\ \Phi_{8}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
144566	1837	2352	$\frac{1}{12}$	$\frac{73}{588}$	$\frac{11}{84}$	$\frac{515}{2352}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{784}\ \Phi_{392}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
144567	1837	192	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{25}{192}$	$\frac{7}{32}$	$\Phi_{192}^{11}\ \Phi_{96}^{7}\ \Phi_{64}^{11}\ \Phi_{48}^{7}\ \Phi_{32}^{8}\ \Phi_{24}^{11}\ \Phi_{16}^{8}\ \Phi_{12}^{10}\ \Phi_{8}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
144568	1837	180	$\frac{13}{180}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{180}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^{10}\ \Phi_{45}^{11}\ \Phi_{36}^{10}\ \Phi_{30}^{10}\ \Phi_{20}^{10}\ \Phi_{18}^{10}\ \Phi_{15}^{11}\ \Phi_{12}^{10}\ \Phi_{10}^{10}\ \Phi_{9}^{10}\ \Phi_{6}^{10}\ \Phi_{5}^{11}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
144569	1837	2250	$\frac{37}{450}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{413}{2250}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{750}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{45}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
144570	1837	2025	$\frac{188}{2025}$	$\frac{1}{9}$	$\frac{37}{225}$	$\frac{8}{45}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{405}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
144571	1837	2160	$\frac{37}{360}$	$\frac{1}{9}$	$\frac{323}{2160}$	$\frac{8}{45}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{45}\ \Phi_{27}\ \Phi_{16}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
144572	1837	600	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{33}{200}$	$\frac{7}{40}$	$\Phi_{600}^{4}\ \Phi_{300}^{4}\ \Phi_{200}^{3}\ \Phi_{150}^{4}\ \Phi_{100}^{3}\ \Phi_{75}^{4}\ \Phi_{50}^{3}\ \Phi_{25}^{3}\ \Phi_{24}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
144573	1838	5496	$\frac{3}{916}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{913}{1832}$	$\Phi_{5496}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
144574	1838	1830	$\frac{4}{915}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{911}{1830}$	$\Phi_{1830}^2\ \Phi_{610}^2\ \Phi_{366}^2\ \Phi_{122}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{2}^2$
144575	1838	1104	$\frac{1}{184}$	$\frac{185}{1104}$	$\frac{1}{3}$	$\frac{183}{368}$	$\Phi_{1104}\ \Phi_{552}^2\ \Phi_{368}^2\ \Phi_{276}^2\ \Phi_{184}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{48}\ \Phi_{46}^2\ \Phi_{24}^2\ \Phi_{23}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
144576	1838	1670	$\frac{1}{167}$	$\frac{84}{835}$	$\frac{751}{1670}$	$\frac{83}{167}$	$\Phi_{1670}^2\ \Phi_{334}^2\ \Phi_{167}\ \Phi_{10}^2\ \Phi_{2}^2\ \Phi_{1}^2$
144577	1838	1826	$\frac{6}{913}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{907}{1826}$	$\Phi_{1826}^2\ \Phi_{166}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{2}^2\ \Phi_{1}^2$
144578	1838	1824	$\frac{7}{912}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{905}{1824}$	$\Phi_{1824}^2\ \Phi_{608}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
144579	1838	5460	$\frac{9}{910}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{901}{1820}$	$\Phi_{5460}\ \Phi_{1092}\ \Phi_{780}\ \Phi_{420}\ \Phi_{156}\ \Phi_{84}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
144580	1838	1815	$\frac{23}{1815}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{896}{1815}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{363}\ \Phi_{165}\ \Phi_{121}\ \Phi_{55}\ \Phi_{33}^2\ \Phi_{15}\ \Phi_{11}\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
144581	1838	1232	$\frac{5}{308}$	$\frac{1}{11}$	$\frac{313}{1232}$	$\frac{303}{616}$	$\Phi_{1232}^2\ \Phi_{308}^2\ \Phi_{176}^2\ \Phi_{154}^2\ \Phi_{112}^2\ \Phi_{77}^2\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
144582	1838	1804	$\frac{17}{902}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{885}{1804}$	$\Phi_{1804}^2\ \Phi_{164}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
144583	1838	1800	$\frac{19}{900}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{881}{1800}$	$\Phi_{1800}^2\ \Phi_{600}^2\ \Phi_{360}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}^2\ \Phi_{6}$
144584	1838	1794	$\frac{22}{897}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{875}{1794}$	$\Phi_{1794}^2\ \Phi_{598}^2\ \Phi_{138}^2\ \Phi_{78}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{26}^2\ \Phi_{6}^2\ \Phi_{2}^2$
144585	1838	960	$\frac{1}{40}$	$\frac{41}{960}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
144586	1838	1782	$\frac{28}{891}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{863}{1782}$	$\Phi_{1782}^2\ \Phi_{594}^2\ \Phi_{198}^2\ \Phi_{162}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^2$
144587	1838	1771	$\frac{67}{1771}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{852}{1771}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{161}\ \Phi_{77}^2\ \Phi_{23}\ \Phi_{11}\ \Phi_{7}^2\ \Phi_{1}^2$
144588	1838	1056	$\frac{5}{132}$	$\frac{1}{11}$	$\frac{137}{1056}$	$\frac{127}{264}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{96}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{32}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^2$
144589	1838	5280	$\frac{1}{40}$	$\frac{39}{880}$	$\frac{1}{3}$	$\frac{841}{1760}$	$\Phi_{5280}\ \Phi_{1056}\ \Phi_{480}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
144590	1838	1760	$\frac{39}{880}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{841}{1760}$	$\Phi_{1760}^2\ \Phi_{352}^2\ \Phi_{160}^2\ \Phi_{44}^2\ \Phi_{32}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
144591	1838	5244	$\frac{1}{46}$	$\frac{45}{874}$	$\frac{1}{3}$	$\frac{829}{1748}$	$\Phi_{5244}\ \Phi_{276}\ \Phi_{228}\ \Phi_{138}\ \Phi_{69}\ \Phi_{12}\ \Phi_{6}$
144592	1838	1716	$\frac{61}{858}$	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{797}{1716}$	$\Phi_{1716}^2\ \Phi_{572}^2\ \Phi_{156}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{52}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^2$
144593	1838	1694	$\frac{5}{77}$	$\frac{72}{847}$	$\frac{1}{11}$	$\frac{775}{1694}$	$\Phi_{1694}^2\ \Phi_{242}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_{7}^2\ \Phi_{2}^2\ \Phi_{1}^2$
144594	1838	1656	$\frac{1}{92}$	$\frac{91}{828}$	$\frac{1}{3}$	$\frac{737}{1656}$	$\Phi_{1656}^2\ \Phi_{552}^2\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{138}\ \Phi_{72}^2\ \Phi_{69}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_{8}^2\ \Phi_{6}$
144595	1838	968	$\frac{49}{968}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{88}$	$\Phi_{968}^2\ \Phi_{484}^2\ \Phi_{242}^2\ \Phi_{121}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
144596	1838	2784	$\frac{9}{928}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2784}\ \Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{96}\ \Phi_{87}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
144597	1838	1617	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{221}{1617}$	$\frac{698}{1617}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{231}^2\ \Phi_{147}\ \Phi_{77}^2\ \Phi_{49}\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{11}\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^2$
144598	1838	4830	$\frac{1}{115}$	$\frac{114}{805}$	$\frac{1}{3}$	$\frac{691}{1610}$	$\Phi_{4830}\ \Phi_{966}\ \Phi_{690}\ \Phi_{345}\ \Phi_{210}\ \Phi_{138}\ \Phi_{69}\ \Phi_{42}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
144599	1838	1584	$\frac{5}{132}$	$\frac{1}{11}$	$\frac{127}{792}$	$\frac{665}{1584}$	$\Phi_{1584}^2\ \Phi_{528}^2\ \Phi_{176}^2\ \Phi_{144}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^2$
144600	1838	1540	$\frac{5}{154}$	$\frac{1}{11}$	$\frac{149}{770}$	$\frac{621}{1540}$	$\Phi_{1540}^2\ \Phi_{308}^2\ \Phi_{220}^2\ \Phi_{154}^2\ \Phi_{140}^2\ \Phi_{77}^2\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
144601	1838	1503	$\frac{1}{167}$	$\frac{335}{1503}$	$\frac{166}{501}$	$\frac{584}{1503}$	$\Phi_{1503}\ \Phi_{501}^2\ \Phi_{167}\ \Phi_{9}\ \Phi_{3}^2\ \Phi_{1}^2$
144602	1838	1336	$\frac{1}{167}$	$\frac{83}{334}$	$\frac{417}{1336}$	$\frac{251}{668}$	$\Phi_{1336}^2\ \Phi_{334}^2\ \Phi_{167}\ \Phi_{8}^2\ \Phi_{2}^2\ \Phi_{1}^2$
144603	1838	4416	$\frac{1}{184}$	$\frac{183}{736}$	$\frac{1}{3}$	$\frac{553}{1472}$	$\Phi_{4416}\ \Phi_{552}\ \Phi_{276}\ \Phi_{192}\ \Phi_{138}\ \Phi_{69}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
144604	1838	1386	$\frac{5}{231}$	$\frac{1}{11}$	$\frac{226}{693}$	$\frac{467}{1386}$	$\Phi_{1386}^2\ \Phi_{462}^2\ \Phi_{231}^2\ \Phi_{198}^2\ \Phi_{154}^2\ \Phi_{126}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^2$
144605	1838	1380	$\frac{1}{230}$	$\frac{229}{690}$	$\frac{1}{3}$	$\frac{461}{1380}$	$\Phi_{1380}^2\ \Phi_{690}\ \Phi_{460}^2\ \Phi_{345}\ \Phi_{276}^2\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}^2$
144606	1838	1104	$\frac{1}{92}$	$\frac{185}{1104}$	$\frac{91}{276}$	$\frac{1}{3}$	$\Phi_{1104}^2\ \Phi_{552}^2\ \Phi_{368}^2\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{138}\ \Phi_{69}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_{8}^2\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
144607	1838	1368	$\frac{7}{456}$	$\frac{1}{8}$	$\frac{449}{1368}$	$\frac{1}{3}$	$\Phi_{1368}^2\ \Phi_{684}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
144608	1838	966	$\frac{1}{23}$	$\frac{47}{966}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{138}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_2^2$
144609	1838	960	$\frac{41}{960}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_8^2\ \Phi_6$
144610	1838	1320	$\frac{1}{40}$	$\frac{39}{440}$	$\frac{401}{1320}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}^2\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
144611	1838	936	$\frac{17}{936}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
144612	1838	930	$\frac{11}{930}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{310}^2\ \Phi_{186}^2\ \Phi_{155}^2\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
144613	1838	3660	$\frac{4}{305}$	$\frac{1}{5}$	$\frac{301}{1220}$	$\frac{1}{3}$	$\Phi_{3660}\ \Phi_{1830}\ \Phi_{732}\ \Phi_{366}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
144614	1838	3648	$\frac{7}{304}$	$\frac{1}{8}$	$\frac{297}{1216}$	$\frac{1}{3}$	$\Phi_{3648}\ \Phi_{1824}\ \Phi_{192}\ \Phi_{96}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
144615	1838	1200	$\frac{1}{20}$	$\frac{19}{300}$	$\frac{281}{1200}$	$\frac{1}{3}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_8^2\ \Phi_6$
144616	1838	3588	$\frac{1}{23}$	$\frac{22}{299}$	$\frac{277}{1196}$	$\frac{1}{3}$	$\Phi_{3588}\ \Phi_{1794}\ \Phi_{276}\ \Phi_{156}\ \Phi_{138}\ \Phi_{78}\ \Phi_{69}\ \Phi_{12}\ \Phi_6$
144617	1838	3000	$\frac{1}{20}$	$\frac{81}{1000}$	$\frac{19}{100}$	$\frac{1}{3}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{600}\ \Phi_{375}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
144618	1838	1080	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{161}{1080}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_8^2\ \Phi_6$
144619	1838	960	$\frac{41}{960}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
144620	1838	3192	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{145}{1064}$	$\frac{1}{3}$	$\Phi_{3192}\ \Phi_{1596}\ \Phi_{798}\ \Phi_{399}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
144621	1838	2940	$\frac{61}{980}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{735}\ \Phi_{588}\ \Phi_{420}\ \Phi_{294}\ \Phi_{147}\ \Phi_{84}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
144622	1838	3120	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{121}{1040}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{624}\ \Phi_{312}\ \Phi_{240}\ \Phi_{156}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
144623	1838	1188	$\frac{5}{132}$	$\frac{1}{11}$	$\frac{269}{1188}$	$\frac{127}{396}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{297}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
144624	1838	1320	$\frac{39}{440}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{401}{1320}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{330}^2\ \Phi_{264}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{120}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
144625	1838	1089	$\frac{23}{363}$	$\frac{1}{11}$	$\frac{170}{1089}$	$\frac{10}{33}$	$\Phi_{1089}^2\ \Phi_{363}\ \Phi_{121}\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
144626	1838	990	$\frac{71}{990}$	$\frac{1}{11}$	$\frac{23}{165}$	$\frac{10}{33}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
144627	1838	990	$\frac{71}{990}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{28}{99}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
144628	1838	1188	$\frac{1}{11}$	$\frac{28}{297}$	$\frac{5}{33}$	$\frac{269}{1188}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
144629	1838	1056	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{137}{1056}$	$\frac{39}{176}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{264}^2\ \Phi_{132}^2\ \Phi_{96}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
144630	1838	1100	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{181}{1100}$	$\frac{39}{220}$	$\Phi_{1100}^2\ \Phi_{550}^2\ \Phi_{275}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{44}^2\ \Phi_{25}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
144631	1839	919	$\frac{4}{919}$	$\frac{305}{919}$	$\frac{306}{919}$	$\frac{307}{919}$	$\Phi_{919}^2\ \Phi_1^3$
144632	1839	789	$\frac{2}{263}$	$\frac{176}{789}$	$\frac{87}{263}$	$\frac{1}{3}$	$\Phi_{789}^2\ \Phi_{263}^3\ \Phi_3\ \Phi_1^3$
144633	1840	459	$\frac{1}{459}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{229}{459}$	$\Phi_{459}^4\ \Phi_{153}^4\ \Phi_{51}^4\ \Phi_{27}^4\ \Phi_{17}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
144634	1840	1839	$\frac{5}{1839}$	$\frac{461}{1839}$	$\frac{689}{1839}$	$\frac{917}{1839}$	$\Phi_{1839}\ \Phi_{613}\ \Phi_3\ \Phi_1^2$
144635	1840	2936	$\frac{1}{367}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{183}{367}$	$\Phi_{2936}\ \Phi_{367}\ \Phi_8^2\ \Phi_1^2$
144636	1840	921	$\frac{1}{307}$	$\frac{77}{307}$	$\frac{1}{3}$	$\frac{153}{307}$	$\Phi_{921}^3\ \Phi_3^2$
144637	1840	1603	$\frac{1}{229}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{114}{229}$	$\Phi_{1603}\ \Phi_{229}^2\ \Phi_7^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
144638	1840	3435	$\frac{1}{229}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{114}{229}$	$\Phi_{3435}\ \Phi_{15}^2$
144639	1840	613	$\frac{3}{613}$	$\frac{77}{613}$	$\frac{268}{613}$	$\frac{305}{613}$	$\Phi_{613}^3\ \Phi_1^4$
144640	1840	549	$\frac{1}{183}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{91}{183}$	$\Phi_{549}^3\ \Phi_{183}^4\ \Phi_{61}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
144641	1840	366	$\frac{1}{183}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{91}{183}$	$\Phi_{366}^6\ \Phi_{183}^4\ \Phi_{122}^6\ \Phi_{61}^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
144642	1840	1839	$\frac{11}{1839}$	$\frac{185}{1839}$	$\frac{827}{1839}$	$\frac{914}{1839}$	$\Phi_{1839}\ \Phi_{613}\ \Phi_3\ \Phi_1^2$
144643	1840	2305	$\frac{3}{461}$	$\frac{1}{5}$	$\frac{116}{461}$	$\frac{229}{461}$	Φ_{2305}
144644	1840	1839	$\frac{13}{1839}$	$\frac{344}{1839}$	$\frac{463}{1839}$	$\frac{913}{1839}$	$\Phi_{1839}\ \Phi_{613}\ \Phi_3\ \Phi_1^2$
144645	1840	921	$\frac{7}{921}$	$\frac{116}{921}$	$\frac{1}{3}$	$\frac{457}{921}$	$\Phi_{921}^2\ \Phi_{307}^2\ \Phi_3\ \Phi_1^2$
144646	1840	246	$\frac{1}{123}$	$\frac{1}{6}$	$\frac{31}{123}$	$\frac{61}{123}$	$\Phi_{246}^9\ \Phi_{123}^6\ \Phi_{82}^9\ \Phi_{41}^6\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
144647	1840	1140	$\frac{1}{114}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{113}{228}$	$\Phi_{1140}^3\ \Phi_{380}^3\ \Phi_{228}^4\ \Phi_{76}^4\ \Phi_{60}^3\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
144648	1840	684	$\frac{1}{114}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{113}{228}$	$\Phi_{684}^6\ \Phi_{228}^4\ \Phi_{76}^4\ \Phi_{36}^6\ \Phi_{12}^4\ \Phi_9^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
144649	1840	1140	$\frac{1}{114}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{113}{228}$	$\Phi_{1140}^3\ \Phi_{380}^3\ \Phi_{228}^4\ \Phi_{76}^4\ \Phi_{60}^3\ \Phi_{20}^3\ \Phi_{12}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
144650	1840	1839	$\frac{17}{1839}$	$\frac{275}{1839}$	$\frac{464}{1839}$	$\frac{911}{1839}$	$\Phi_{1839}\ \Phi_{613}\ \Phi_3\ \Phi_1^2$
144651	1840	921	$\frac{3}{307}$	$\frac{31}{307}$	$\frac{1}{3}$	$\frac{152}{307}$	$\Phi_{921}^3\ \Phi_3^2$
144652	1840	1729	$\frac{1}{91}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{45}{91}$	$\Phi_{1729}\ \Phi_{247}\ \Phi_{133}\ \Phi_{91}^2\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_1^4$
144653	1840	3003	$\frac{1}{91}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{45}{91}$	$\Phi_{3003}\ \Phi_{429}\ \Phi_{231}\ \Phi_{33}^2$
144654	1840	1729	$\frac{1}{91}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{45}{91}$	$\Phi_{1729}\ \Phi_{247}\ \Phi_{133}\ \Phi_{91}^2\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_1^4$
144655	1840	2730	$\frac{1}{91}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{45}{91}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{910}\ \Phi_{390}\ \Phi_{210}\ \Phi_{195}\ \Phi_{130}\ \Phi_{105}\ \Phi_{70}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
144656	1840	613	$\frac{7}{613}$	$\frac{31}{613}$	$\frac{291}{613}$	$\frac{303}{613}$	$\Phi_{613}^3\ \Phi_1^4$
144657	1840	3476	$\frac{1}{79}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{39}{79}$	$\Phi_{3476}\ \Phi_{316}\ \Phi_{79}\ \Phi_{44}^2\ \Phi_4^2\ \Phi_1^2$
144658	1840	2607	$\frac{1}{79}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{39}{79}$	$\Phi_{2607}\ \Phi_{237}\ \Phi_{79}\ \Phi_{33}^2\ \Phi_3^2\ \Phi_1^2$
144659	1840	1386	$\frac{1}{77}$	$\frac{1}{9}$	$\frac{39}{154}$	$\frac{38}{77}$	$\Phi_{1386}^2\ \Phi_{693}\ \Phi_{462}^2\ \Phi_{231}\ \Phi_{198}^2\ \Phi_{126}^2\ \Phi_{99}\ \Phi_{66}^2\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_6^2$
144660	1840	2035	$\frac{3}{185}$	$\frac{1}{11}$	$\frac{47}{185}$	$\frac{91}{185}$	$\Phi_{2035}\ \Phi_{407}\ \Phi_{55}$
144661	1840	1839	$\frac{31}{1839}$	$\frac{187}{1839}$	$\frac{413}{1839}$	$\frac{904}{1839}$	$\Phi_{1839}\ \Phi_{613}\ \Phi_3\ \Phi_1^2$
144662	1840	613	$\frac{11}{613}$	$\frac{78}{613}$	$\frac{107}{613}$	$\frac{301}{613}$	$\Phi_{613}^3\ \Phi_1^4$
144663	1840	738	$\frac{7}{369}$	$\frac{47}{369}$	$\frac{1}{6}$	$\frac{181}{369}$	$\Phi_{738}^3\ \Phi_{369}^2\ \Phi_{246}^3\ \Phi_{123}^2\ \Phi_{82}^3\ \Phi_{41}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
144664	1840	2305	$\frac{9}{461}$	$\frac{47}{461}$	$\frac{1}{5}$	$\frac{226}{461}$	Φ_{2305}
144665	1840	1839	$\frac{37}{1839}$	$\frac{137}{1839}$	$\frac{469}{1839}$	$\frac{901}{1839}$	$\Phi_{1839}\ \Phi_{613}\ \Phi_3\ \Phi_1^2$
144666	1840	921	$\frac{19}{921}$	$\frac{47}{921}$	$\frac{1}{3}$	$\frac{451}{921}$	$\Phi_{921}^2\ \Phi_{307}^2\ \Phi_3\ \Phi_1^2$
144667	1840	585	$\frac{1}{45}$	$\frac{1}{39}$	$\frac{19}{39}$	$\frac{22}{45}$	$\Phi_{585}^3\ \Phi_{195}^3\ \Phi_{117}^3\ \Phi_{65}^3\ \Phi_{45}^4\ \Phi_{39}^4\ \Phi_{15}^4\ \Phi_{13}^4\ \Phi_9^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
144668	1840	315	$\frac{1}{45}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{315}^6\ \Phi_{105}^6\ \Phi_{63}^6\ \Phi_{45}^4\ \Phi_{35}^6\ \Phi_{21}^8\ \Phi_{15}^4\ \Phi_9^4\ \Phi_7^8\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
144669	1840	585	$\frac{1}{45}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{22}{45}$	$\Phi_{585}^3\ \Phi_{195}^3\ \Phi_{117}^3\ \Phi_{65}^3\ \Phi_{45}^4\ \Phi_{39}^3\ \Phi_{15}^4\ \Phi_{13}^6\ \Phi_9^4\ \Phi_5^4\ \Phi_3^4\ \Phi_1^8$
144670	1840	495	$\frac{1}{45}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{22}{45}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^4\ \Phi_{55}^5\ \Phi_{33}^4\ \Phi_{11}^4$
144671	1840	585	$\frac{1}{45}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{22}{45}$	$\Phi_{585}^3\ \Phi_{195}^3\ \Phi_{117}^3\ \Phi_{65}^3\ \Phi_{45}^4\ \Phi_{39}^4\ \Phi_{15}^4\ \Phi_{13}^4\ \Phi_9^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
144672	1840	90	$\frac{1}{45}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{22}{45}$	$\Phi_{90}^{24}\ \Phi_{45}^{16}\ \Phi_{30}^{24}\ \Phi_{18}^{27}\ \Phi_{15}^{16}\ \Phi_{10}^{24}\ \Phi_9^{18}\ \Phi_6^{26}\ \Phi_5^{16}\ \Phi_3^{17}\ \Phi_2^{26}\ \Phi_1^{18}$
144673	1840	1839	$\frac{41}{1839}$	$\frac{47}{1839}$	$\frac{896}{1839}$	$\frac{899}{1839}$	$\Phi_{1839}\ \Phi_{613}\ \Phi_3\ \Phi_1^2$
144674	1840	1230	$\frac{1}{41}$	$\frac{21}{205}$	$\frac{1}{6}$	$\frac{20}{41}$	$\Phi_{1230}^2\ \Phi_{615}^2\ \Phi_{410}^2\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
144675	1840	312	$\frac{1}{39}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{312}^6\ \Phi_{156}^6\ \Phi_{104}^6\ \Phi_{78}^6\ \Phi_{52}^6\ \Phi_{39}^4\ \Phi_{26}^6\ \Phi_{24}^8\ \Phi_{13}^4\ \Phi_{12}^8\ \Phi_8^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
144676	1840	390	$\frac{1}{39}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{19}{39}$	$\Phi_{390}^{6}\ \Phi_{195}^{3}\ \Phi_{130}^{6}\ \Phi_{78}^{6}\ \Phi_{65}^{3}\ \Phi_{39}^{4}\ \Phi_{30}^{8}\ \Phi_{26}^{6}\ \Phi_{15}^{4}\ \Phi_{13}^{4}\ \Phi_{10}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
144677	1840	975	$\frac{1}{39}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{19}{39}$	$\Phi_{975}^{2}\ \Phi_{325}^{2}\ \Phi_{195}\ \Phi_{75}^{2}\ \Phi_{65}\ \Phi_{39}^{2}\ \Phi_{25}^{4}\ \Phi_{15}\ \Phi_{13}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
144678	1840	351	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{19}{39}$	$\Phi_{351}^{6}\ \Phi_{117}^{3}\ \Phi_{39}^{4}\ \Phi_{27}^{8}\ \Phi_{13}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
144679	1840	3808	$\frac{3}{112}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{109}{224}$	$\Phi_{3808}\ \Phi_{544}\ \Phi_{68}\ \Phi_{34}$
144680	1840	2016	$\frac{3}{112}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{109}{224}$	$\Phi_{2016}^{2}\ \Phi_{672}^{2}\ \Phi_{288}^{2}\ \Phi_{96}^{2}\ \Phi_{63}\ \Phi_{21}$
144681	1840	1221	$\frac{1}{37}$	$\frac{1}{11}$	$\frac{19}{111}$	$\frac{18}{37}$	$\Phi_{1221}^{2}\ \Phi_{407}\ \Phi_{33}^{2}$
144682	1840	396	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{17}{132}$	$\frac{16}{33}$	$\Phi_{396}^{6}\ \Phi_{198}^{6}\ \Phi_{132}^{4}\ \Phi_{99}^{3}\ \Phi_{66}^{4}\ \Phi_{44}^{4}\ \Phi_{36}^{6}\ \Phi_{33}^{2}\ \Phi_{22}^{4}\ \Phi_{18}^{6}\ \Phi_{12}^{4}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
144683	1840	651	$\frac{1}{31}$	$\frac{1}{21}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{651}^{3}\ \Phi_{217}^{3}\ \Phi_{93}^{3}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}$
144684	1840	1839	$\frac{61}{1839}$	$\frac{95}{1839}$	$\frac{436}{1839}$	$\frac{889}{1839}$	$\Phi_{1839}\ \Phi_{613}\ \Phi_{3}\ \Phi_{1}^{2}$
144685	1840	1839	$\frac{65}{1839}$	$\frac{119}{1839}$	$\frac{344}{1839}$	$\frac{887}{1839}$	$\Phi_{1839}\ \Phi_{613}\ \Phi_{3}\ \Phi_{1}^{2}$
144686	1840	216	$\frac{1}{27}$	$\frac{1}{24}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{216}^{9}\ \Phi_{108}^{9}\ \Phi_{72}^{9}\ \Phi_{54}^{9}\ \Phi_{36}^{9}\ \Phi_{27}^{6}\ \Phi_{24}^{8}\ \Phi_{18}^{9}\ \Phi_{12}^{8}\ \Phi_{9}^{6}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
144687	1840	2035	$\frac{7}{185}$	$\frac{1}{11}$	$\frac{24}{185}$	$\frac{89}{185}$	$\Phi_{2035}\ \Phi_{407}\ \Phi_{55}$
144688	1840	1839	$\frac{71}{1839}$	$\frac{191}{1839}$	$\frac{206}{1839}$	$\frac{884}{1839}$	$\Phi_{1839}\ \Phi_{613}\ \Phi_{3}\ \Phi_{1}^{2}$
144689	1840	693	$\frac{3}{77}$	$\frac{8}{77}$	$\frac{1}{9}$	$\frac{37}{77}$	$\Phi_{693}^{3}\ \Phi_{231}^{3}\ \Phi_{99}^{3}\ \Phi_{63}^{3}\ \Phi_{33}^{3}\ \Phi_{21}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{2}$
144690	1840	1839	$\frac{73}{1839}$	$\frac{160}{1839}$	$\frac{239}{1839}$	$\frac{883}{1839}$	$\Phi_{1839}\ \Phi_{613}\ \Phi_{3}\ \Phi_{1}^{2}$
144691	1840	246	$\frac{5}{123}$	$\frac{8}{123}$	$\frac{1}{6}$	$\frac{59}{123}$	$\Phi_{246}^{9}\ \Phi_{123}^{6}\ \Phi_{82}^{9}\ \Phi_{41}^{6}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
144692	1840	2305	$\frac{19}{461}$	$\frac{24}{461}$	$\frac{1}{5}$	$\frac{221}{461}$	Φ_{2305}
144693	1840	1839	$\frac{68}{1839}$	$\frac{77}{1839}$	$\frac{479}{1839}$	$\frac{881}{1839}$	$\Phi_{1839}\ \Phi_{613}\ \Phi_{3}\ \Phi_{1}^{2}$
144694	1840	921	$\frac{8}{307}$	$\frac{13}{307}$	$\frac{1}{3}$	$\frac{147}{307}$	$\Phi_{921}^{3}\ \Phi_{3}^{2}$
144695	1840	5412	$\frac{1}{41}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{5412}\ \Phi_{492}\ \Phi_{123}$
144696	1840	3476	$\frac{3}{79}$	$\frac{1}{22}$	$\frac{19}{79}$	$\frac{21}{44}$	$\Phi_{3476}\ \Phi_{316}\ \Phi_{79}\ \Phi_{44}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
144697	1840	4620	$\frac{1}{22}$	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{4620}\ \Phi_{1540}\ \Phi_{660}\ \Phi_{420}\ \Phi_{140}\ \Phi_{105}\ \Phi_{60}\ \Phi_{35}\ \Phi_{15}$
144698	1840	3476	$\frac{1}{22}$	$\frac{4}{79}$	$\frac{15}{79}$	$\frac{21}{44}$	$\Phi_{3476}\ \Phi_{316}\ \Phi_{79}\ \Phi_{44}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
144699	1840	2244	$\frac{1}{22}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{21}{44}$	$\Phi_{2244}^{2}\ \Phi_{748}\ \Phi_{204}^{2}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
144700	1840	3476	$\frac{1}{22}$	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{21}{44}$	$\Phi_{3476}\ \Phi_{316}\ \Phi_{79}\ \Phi_{44}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
144701	1840	396	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{21}{44}$	$\Phi_{396}^{10}\ \Phi_{132}^{10}\ \Phi_{99}\ \Phi_{36}^{10}\ \Phi_{33}\ \Phi_{12}^{10}$
144702	1840	126	$\frac{1}{21}$	$\frac{11}{126}$	$\frac{1}{9}$	$\frac{10}{21}$	$\Phi_{126}^{16}\ \Phi_{63}^{13}\ \Phi_{42}^{16}\ \Phi_{21}^{14}\ \Phi_{18}^{16}\ \Phi_{14}^{16}\ \Phi_{9}^{12}\ \Phi_{7}^{14}\ \Phi_{6}^{16}\ \Phi_{3}^{13}\ \Phi_{2}^{16}\ \Phi_{1}^{14}$
144703	1840	1839	$\frac{59}{1839}$	$\frac{89}{1839}$	$\frac{482}{1839}$	$\frac{875}{1839}$	$\Phi_{1839}\ \Phi_{613}\ \Phi_{3}\ \Phi_{1}^{2}$
144704	1840	921	$\frac{7}{307}$	$\frac{15}{307}$	$\frac{1}{3}$	$\frac{146}{307}$	$\Phi_{921}^{3}\ \Phi_{3}^{2}$
144705	1840	2679	$\frac{1}{47}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{2679}\ \Phi_{141}^{2}$
144706	1840	1729	$\frac{3}{91}$	$\frac{1}{19}$	$\frac{22}{91}$	$\frac{9}{19}$	$\Phi_{1729}\ \Phi_{247}\ \Phi_{133}\ \Phi_{91}^{2}\ \Phi_{19}^{2}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
144707	1840	2280	$\frac{1}{24}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{120}^{2}\ \Phi_{60}^{2}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
144708	1840	931	$\frac{1}{19}$	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{9}{19}$	$\Phi_{931}^{2}\ \Phi_{133}\ \Phi_{49}^{4}\ \Phi_{19}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
144709	1840	494	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{9}{19}$	$\Phi_{494}^{4}\ \Phi_{247}^{3}\ \Phi_{38}^{4}\ \Phi_{26}^{8}\ \Phi_{19}^{4}\ \Phi_{13}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
144710	1840	585	$\frac{2}{117}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{585}^{3}\ \Phi_{195}^{3}\ \Phi_{117}^{4}\ \Phi_{65}^{3}\ \Phi_{45}^{3}\ \Phi_{39}^{4}\ \Phi_{15}\ \Phi_{13}^{4}\ \Phi_{9}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
144711	1840	855	$\frac{1}{57}$	$\frac{1}{15}$	$\frac{56}{171}$	$\frac{7}{15}$	$\Phi_{855}^{3}\ \Phi_{171}^{4}\ \Phi_{45}^{3}\ \Phi_{15}\ \Phi_{9}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
144712	1840	2280	$\frac{1}{38}$	$\frac{1}{15}$	$\frac{37}{152}$	$\frac{7}{15}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{456}\ \Phi_{380}\ \Phi_{228}\ \Phi_{152}^{2}\ \Phi_{120}\ \Phi_{76}^{2}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
144713	1840	285	$\frac{2}{57}$	$\frac{1}{15}$	$\frac{11}{57}$	$\frac{7}{15}$	$\Phi_{285}^{6}\ \Phi_{95}^{6}\ \Phi_{57}^{8}\ \Phi_{19}^{8}\ \Phi_{15}^{7}\ \Phi_{5}^{7}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
144714	1840	120	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{120}^{15}\ \Phi_{60}^{15}\ \Phi_{40}^{15}\ \Phi_{30}^{12}\ \Phi_{24}^{20}\ \Phi_{20}^{15}\ \Phi_{15}^{13}\ \Phi_{12}^{20}\ \Phi_{10}^{12}\ \Phi_{8}^{20}\ \Phi_{6}^{16}\ \Phi_{5}^{13}\ \Phi_{4}^{20}\ \Phi_{3}^{17}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
144715	1840	1995	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{18}{133}$	$\frac{7}{15}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{133}^{2}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
144716	1840	1927	$\frac{1}{47}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	Φ_{1927}
144717	1840	1839	$\frac{43}{1839}$	$\frac{139}{1839}$	$\frac{449}{1839}$	$\frac{850}{1839}$	$\Phi_{1839}\ \Phi_{613}\ \Phi_{3}\ \Phi_{1}^{2}$
144718	1840	648	$\frac{1}{24}$	$\frac{7}{81}$	$\frac{11}{81}$	$\frac{37}{81}$	$\Phi_{648}^{3}\ \Phi_{324}^{3}\ \Phi_{216}^{3}\ \Phi_{162}^{3}\ \Phi_{108}^{3}\ \Phi_{81}^{2}\ \Phi_{72}^{3}\ \Phi_{54}^{3}\ \Phi_{36}^{3}\ \Phi_{27}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
144719	1840	1089	$\frac{6}{121}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{11}$	$\Phi_{1089}^{2}\ \Phi_{363}^{2}\ \Phi_{99}\ \Phi_{33}$
144720	1840	1134	$\frac{1}{81}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1134}^{3}\ \Phi_{378}^{3}\ \Phi_{162}^{3}\ \Phi_{126}^{3}\ \Phi_{81}^{2}\ \Phi_{54}^{3}\ \Phi_{42}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{3}\ \Phi_{14}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
144721	1840	126	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{19}{42}$	$\Phi_{126}^{30}\ \Phi_{63}^{3}\ \Phi_{42}^{20}\ \Phi_{21}^{2}\ \Phi_{18}^{30}\ \Phi_{14}^{20}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{20}\ \Phi_{3}\ \Phi_{2}^{20}\ \Phi_{1}^{2}$
144722	1840	613	$\frac{23}{613}$	$\frac{59}{613}$	$\frac{84}{613}$	$\frac{277}{613}$	$\Phi_{613}^{3}\ \Phi_{1}^{4}$
144723	1840	2305	$\frac{11}{461}$	$\frac{45}{461}$	$\frac{1}{5}$	$\frac{208}{461}$	Φ_{2305}
144724	1840	1839	$\frac{29}{1839}$	$\frac{181}{1839}$	$\frac{505}{1839}$	$\frac{829}{1839}$	$\Phi_{1839}\ \Phi_{613}\ \Phi_{3}\ \Phi_{1}^{2}$
144725	1840	921	$\frac{11}{921}$	$\frac{91}{921}$	$\frac{1}{3}$	$\frac{415}{921}$	$\Phi_{921}^{2}\ \Phi_{307}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
144726	1840	1839	$\frac{44}{1839}$	$\frac{185}{1839}$	$\frac{359}{1839}$	$\frac{827}{1839}$	$\Phi_{1839}\ \Phi_{613}\ \Phi_{3}\ \Phi_{1}^{2}$
144727	1840	279	$\frac{1}{93}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{279}^{6}\ \Phi_{93}^{8}\ \Phi_{31}^{8}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
144728	1840	549	$\frac{1}{61}$	$\frac{1}{9}$	$\frac{15}{61}$	$\frac{4}{9}$	$\Phi_{549}^{3}\ \Phi_{183}^{3}\ \Phi_{61}^{6}\ \Phi_{9}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
144729	1840	2115	$\frac{1}{47}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{2115}\ \Phi_{705}\ \Phi_{235}^{2}$
144730	1840	378	$\frac{5}{189}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{378}^{6}\ \Phi_{189}^{4}\ \Phi_{126}^{6}\ \Phi_{63}^{4}\ \Phi_{54}^{6}\ \Phi_{42}^{6}\ \Phi_{27}^{4}\ \Phi_{21}^{4}\ \Phi_{18}^{3}\ \Phi_{14}^{6}\ \Phi_{9}^{2}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
144731	1840	549	$\frac{7}{183}$	$\frac{1}{9}$	$\frac{22}{183}$	$\frac{4}{9}$	$\Phi_{549}^{3}\ \Phi_{183}^{4}\ \Phi_{61}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
144732	1840	72	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{72}^{27}\ \Phi_{36}^{27}\ \Phi_{24}^{26}\ \Phi_{18}^{27}\ \Phi_{12}^{26}\ \Phi_{9}^{18}\ \Phi_{8}^{26}\ \Phi_{6}^{26}\ \Phi_{4}^{26}\ \Phi_{3}^{17}\ \Phi_{2}^{26}\ \Phi_{1}^{18}$
144733	1840	1839	$\frac{71}{1839}$	$\frac{206}{1839}$	$\frac{221}{1839}$	$\frac{809}{1839}$	$\Phi_{1839}\ \Phi_{613}\ \Phi_{3}\ \Phi_{1}^{2}$
144734	1840	246	$\frac{1}{41}$	$\frac{5}{41}$	$\frac{1}{6}$	$\frac{18}{41}$	$\Phi_{246}^{9}\ \Phi_{123}^{9}\ \Phi_{82}^{9}\ \Phi_{6}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}$
144735	1840	2592	$\frac{1}{81}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{648}\ \Phi_{324}\ \Phi_{288}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{96}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
144736	1840	2436	$\frac{1}{116}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{609}\ \Phi_{348}^{2}\ \Phi_{174}^{2}\ \Phi_{87}^{2}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
144737	1840	651	$\frac{1}{93}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{651}^{3}\ \Phi_{217}^{3}\ \Phi_{93}^{2}\ \Phi_{31}^{2}\ \Phi_{21}^{3}\ \Phi_{3}^{2}$
144738	1840	1603	$\frac{4}{229}$	$\frac{1}{7}$	$\frac{45}{229}$	$\frac{3}{7}$	$\Phi_{1603}\ \Phi_{229}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
144739	1840	1974	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{1974}\ \Phi_{987}\ \Phi_{658}\ \Phi_{282}^{2}\ \Phi_{141}^{2}\ \Phi_{94}^{2}$
144740	1840	1071	$\frac{4}{119}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1071}^{2}\ \Phi_{357}^{2}\ \Phi_{153}^{2}\ \Phi_{63}\ \Phi_{51}^{2}\ \Phi_{21}$
144741	1840	1603	$\frac{9}{229}$	$\frac{22}{229}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1603}\ \Phi_{229}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
144742	1840	1848	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}^{2}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}^{2}\ \Phi_{88}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{2}$
144743	1840	3240	$\frac{1}{81}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
144744	1840	1839	$\frac{23}{1839}$	$\frac{277}{1839}$	$\frac{454}{1839}$	$\frac{781}{1839}$	$\Phi_{1839}\ \Phi_{613}\ \Phi_{3}\ \Phi_{1}^{2}$
144745	1840	198	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{16}{99}$	$\frac{83}{198}$	$\Phi_{198}^{16}\ \Phi_{99}^{3}\ \Phi_{66}^{16}\ \Phi_{33}^{2}\ \Phi_{22}^{16}\ \Phi_{18}^{16}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{16}\ \Phi_{3}\ \Phi_{2}^{16}\ \Phi_{1}^{2}$
144746	1840	1927	$\frac{1}{47}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	Φ_{1927}
144747	1840	1839	$\frac{47}{1839}$	$\frac{224}{1839}$	$\frac{323}{1839}$	$\frac{758}{1839}$	$\Phi_{1839}\ \Phi_{613}\ \Phi_{3}\ \Phi_{1}^{2}$
144748	1840	1972	$\frac{1}{116}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1972}\ \Phi_{986}\ \Phi_{493}\ \Phi_{68}\ \Phi_{34}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
144749	1840	216	$\frac{1}{24}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{216}^{9}\ \Phi_{108}^{9}\ \Phi_{72}^{9}\ \Phi_{54}^{9}\ \Phi_{36}^{9}\ \Phi_{27}^{6}\ \Phi_{24}^{8}\ \Phi_{18}^{9}\ \Phi_{12}^{8}\ \Phi_{9}^{6}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
144750	1840	1839	$\frac{74}{1839}$	$\frac{137}{1839}$	$\frac{353}{1839}$	$\frac{743}{1839}$	$\Phi_{1839}\ \Phi_{613}\ \Phi_{3}\ \Phi_{1}^{2}$
144751	1840	693	$\frac{2}{77}$	$\frac{1}{9}$	$\frac{15}{77}$	$\frac{31}{77}$	$\Phi_{693}^{3}\ \Phi_{231}^{3}\ \Phi_{99}^{3}\ \Phi_{63}^{3}\ \Phi_{33}^{3}\ \Phi_{21}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{2}$
144752	1840	1839	$\frac{34}{1839}$	$\frac{275}{1839}$	$\frac{361}{1839}$	$\frac{739}{1839}$	$\Phi_{1839}\ \Phi_{613}\ \Phi_{3}\ \Phi_{1}^{2}$
144753	1840	2305	$\frac{6}{461}$	$\frac{91}{461}$	$\frac{1}{5}$	$\frac{185}{461}$	Φ_{2305}
144754	1840	1839	$\frac{14}{1839}$	$\frac{365}{1839}$	$\frac{551}{1839}$	$\frac{737}{1839}$	$\Phi_{1839}\ \Phi_{613}\ \Phi_{3}\ \Phi_{1}^{2}$
144755	1840	921	$\frac{2}{307}$	$\frac{61}{307}$	$\frac{1}{3}$	$\frac{123}{307}$	$\Phi_{921}^{3}\ \Phi_{3}^{2}$
144756	1840	1045	$\frac{3}{95}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1045}^{2}\ \Phi_{209}^{2}\ \Phi_{55}$
144757	1840	613	$\frac{8}{613}$	$\frac{121}{613}$	$\frac{123}{613}$	$\frac{245}{613}$	$\Phi_{613}^{3}\ \Phi_{1}^{4}$
144758	1840	1927	$\frac{1}{47}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	Φ_{1927}
144759	1840	1839	$\frac{49}{1839}$	$\frac{179}{1839}$	$\frac{415}{1839}$	$\frac{712}{1839}$	$\Phi_{1839}\ \Phi_{613}\ \Phi_{3}\ \Phi_{1}^{2}$
144760	1840	648	$\frac{1}{24}$	$\frac{5}{81}$	$\frac{19}{81}$	$\frac{31}{81}$	$\Phi_{648}^{3}\ \Phi_{324}^{3}\ \Phi_{216}^{3}\ \Phi_{162}^{3}\ \Phi_{108}^{3}\ \Phi_{81}^{2}\ \Phi_{72}^{3}\ \Phi_{54}^{3}\ \Phi_{36}^{3}\ \Phi_{27}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
144761	1840	613	$\frac{25}{613}$	$\frac{38}{613}$	$\frac{147}{613}$	$\frac{233}{613}$	$\Phi_{613}^{3}\ \Phi_{1}^{4}$
144762	1840	407	$\frac{1}{37}$	$\frac{1}{11}$	$\frac{9}{37}$	$\frac{14}{37}$	$\Phi_{407}^{5}\ \Phi_{11}^{4}$
144763	1840	1839	$\frac{35}{1839}$	$\frac{229}{1839}$	$\frac{451}{1839}$	$\frac{694}{1839}$	$\Phi_{1839}\ \Phi_{613}\ \Phi_{3}\ \Phi_{1}^{2}$
144764	1840	738	$\frac{5}{369}$	$\frac{1}{6}$	$\frac{91}{369}$	$\frac{139}{369}$	$\Phi_{738}^{3}\ \Phi_{369}^{2}\ \Phi_{246}^{3}\ \Phi_{123}^{2}\ \Phi_{82}^{3}\ \Phi_{41}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
144765	1840	1839	$\frac{11}{1839}$	$\frac{457}{1839}$	$\frac{574}{1839}$	$\frac{691}{1839}$	$\Phi_{1839}\ \Phi_{613}\ \Phi_{3}\ \Phi_{1}^{2}$
144766	1840	921	$\frac{5}{921}$	$\frac{229}{921}$	$\frac{1}{3}$	$\frac{346}{921}$	$\Phi_{921}^{2}\ \Phi_{307}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
144767	1840	4440	$\frac{1}{185}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{4440}\ \Phi_{888}\ \Phi_{555}\ \Phi_{120}\ \Phi_{111}\ \Phi_{15}$
144768	1840	2936	$\frac{3}{367}$	$\frac{91}{367}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2936}\ \Phi_{367}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
144769	1840	3720	$\frac{1}{93}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3720}\ \Phi_{1240}\ \Phi_{465}\ \Phi_{155}\ \Phi_{120}\ \Phi_{15}$
144770	1840	2936	$\frac{7}{367}$	$\frac{45}{367}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2936}\ \Phi_{367}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
144771	1840	3384	$\frac{1}{47}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3384}\ \Phi_{1128}\ \Phi_{423}\ \Phi_{141}$
144772	1840	2936	$\frac{15}{367}$	$\frac{22}{367}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2936}\ \Phi_{367}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
144773	1840	408	$\frac{1}{24}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^{5}\ \Phi_{204}^{5}\ \Phi_{136}^{4}\ \Phi_{102}^{5}\ \Phi_{68}^{5}\ \Phi_{51}^{5}\ \Phi_{34}^{5}\ \Phi_{17}^{4}$
144774	1840	324	$\frac{1}{81}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{324}^{9}\ \Phi_{162}^{3}\ \Phi_{108}^{9}\ \Phi_{81}^{2}\ \Phi_{54}^{3}\ \Phi_{36}^{8}\ \Phi_{27}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{8}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{8}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
144775	1840	2958	$\frac{1}{29}$	$\frac{1}{17}$	$\frac{28}{87}$	$\frac{59}{174}$	$\Phi_{2958}\ \Phi_{986}\ \Phi_{493}\ \Phi_{102}\ \Phi_{34}$
144776	1840	231	$\frac{1}{231}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{231}^{8}\ \Phi_{77}^{8}\ \Phi_{33}^{8}\ \Phi_{21}^{8}\ \Phi_{11}^{8}\ \Phi_{7}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
144777	1840	1377	$\frac{2}{459}$	$\frac{457}{1377}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1377}^{2}\ \Phi_{81}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
144778	1840	153	$\frac{1}{153}$	$\frac{38}{153}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{153}^{12}\ \Phi_{51}^{12}\ \Phi_{17}^{12}\ \Phi_{9}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
144779	1840	927	$\frac{7}{927}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{927}^{2}\ \Phi_{309}^{2}\ \Phi_{103}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
144780	1840	1740	$\frac{1}{116}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}^{2}\ \Phi_{435}\ \Phi_{290}^{2}\ \Phi_{145}^{2}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
144781	1840	459	$\frac{4}{459}$	$\frac{91}{459}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{459}^{4}\ \Phi_{153}^{4}\ \Phi_{51}^{4}\ \Phi_{27}^{4}\ \Phi_{17}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
144782	1840	186	$\frac{1}{93}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{186}^{12}\ \Phi_{93}^{8}\ \Phi_{62}^{12}\ \Phi_{31}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
144783	1840	1071	$\frac{2}{153}$	$\frac{151}{1071}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1071}^{2}\ \Phi_{357}^{2}\ \Phi_{119}^{2}\ \Phi_{63}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
144784	1840	117	$\frac{2}{117}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{117}^{16}\ \Phi_{39}^{16}\ \Phi_{13}^{16}\ \Phi_{9}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
144785	1840	51	$\frac{1}{51}$	$\frac{5}{51}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{51}^{36}\ \Phi_{17}^{36}\ \Phi_{3}^{37}\ \Phi_{1}^{38}$
144786	1840	1551	$\frac{1}{47}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1551}\ \Phi_{517}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
144787	1840	189	$\frac{5}{189}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{189}^{10}\ \Phi_{63}^{10}\ \Phi_{27}^{8}\ \Phi_{21}^{10}\ \Phi_{9}^{8}\ \Phi_{7}^{10}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
144788	1840	357	$\frac{4}{119}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{357}^{4}\ \Phi_{119}^{8}\ \Phi_{51}^{3}\ \Phi_{21}^{4}\ \Phi_{17}^{6}\ \Phi_{7}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
144789	1840	243	$\frac{1}{27}$	$\frac{13}{243}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{243}^{8}\ \Phi_{81}^{8}\ \Phi_{27}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
144790	1840	969	$\frac{2}{51}$	$\frac{49}{969}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{969}^{2}\ \Phi_{323}^{2}\ \Phi_{57}^{2}\ \Phi_{19}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
144791	1840	459	$\frac{19}{459}$	$\frac{22}{459}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{459}^{4}\ \Phi_{153}^{4}\ \Phi_{51}^{4}\ \Phi_{27}^{4}\ \Phi_{17}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
144792	1840	168	$\frac{1}{24}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{168}^{12}\ \Phi_{84}^{12}\ \Phi_{56}^{12}\ \Phi_{42}^{12}\ \Phi_{28}^{12}\ \Phi_{24}^{8}\ \Phi_{21}^{8}\ \Phi_{14}^{12}\ \Phi_{12}^{8}\ \Phi_{8}^{8}\ \Phi_{7}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
144793	1840	1098	$\frac{2}{183}$	$\frac{1}{6}$	$\frac{181}{549}$	$\frac{1}{3}$	$\Phi_{1098}^{3}\ \Phi_{549}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
144794	1840	171	$\frac{1}{57}$	$\frac{1}{9}$	$\frac{56}{171}$	$\frac{1}{3}$	$\Phi_{171}^{10}\ \Phi_{57}^{12}\ \Phi_{19}^{12}\ \Phi_{9}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
144795	1840	945	$\frac{2}{45}$	$\frac{1}{21}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{945}^{3}\ \Phi_{189}^{3}\ \Phi_{135}^{2}\ \Phi_{27}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
144796	1840	936	$\frac{1}{24}$	$\frac{2}{39}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{936}^{3}\ \Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{117}^{2}\ \Phi_{72}^{3}\ \Phi_{36}^{3}\ \Phi_{24}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
144797	1840	1353	$\frac{1}{41}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{1353}\ \Phi_{451}^{2}\ \Phi_{123}^{2}\ \Phi_{41}^{2}$
144798	1840	585	$\frac{2}{117}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{585}^{3}\ \Phi_{195}^{3}\ \Phi_{117}^{4}\ \Phi_{65}^{3}\ \Phi_{45}^{2}\ \Phi_{39}^{4}\ \Phi_{15}^{3}\ \Phi_{13}^{4}\ \Phi_{9}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
144799	1840	837	$\frac{1}{93}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{837}^{3}\ \Phi_{93}^{2}\ \Phi_{31}^{2}\ \Phi_{27}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
144800	1840	921	$\frac{3}{307}$	$\frac{76}{307}$	$\frac{77}{307}$	$\frac{1}{3}$	$\Phi_{921}^{3}\ \Phi_{3}^{2}$
144801	1840	366	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{15}{61}$	$\frac{1}{3}$	$\Phi_{366}^{6}\ \Phi_{183}^{3}\ \Phi_{122}^{6}\ \Phi_{61}^{6}\ \Phi_{6}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
144802	1840	921	$\frac{17}{921}$	$\frac{139}{921}$	$\frac{226}{921}$	$\frac{1}{3}$	$\Phi_{921}^{2}\ \Phi_{307}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
144803	1840	1368	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{37}{152}$	$\frac{1}{3}$	$\Phi_{1368}^{2}\ \Phi_{684}^{2}\ \Phi_{456}\ \Phi_{228}\ \Phi_{152}^{2}\ \Phi_{76}^{2}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
144804	1840	3003	$\frac{3}{91}$	$\frac{1}{11}$	$\frac{22}{91}$	$\frac{1}{3}$	$\Phi_{3003}\ \Phi_{429}\ \Phi_{231}\ \Phi_{33}^{2}$
144805	1840	921	$\frac{37}{921}$	$\frac{70}{921}$	$\frac{221}{921}$	$\frac{1}{3}$	$\Phi_{921}^{2}\ \Phi_{307}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
144806	1840	210	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{210}^{12}\ \Phi_{105}^{6}\ \Phi_{70}^{12}\ \Phi_{42}^{12}\ \Phi_{35}^{6}\ \Phi_{30}^{8}\ \Phi_{21}^{8}\ \Phi_{15}^{4}\ \Phi_{14}^{12}\ \Phi_{10}^{8}\ \Phi_{7}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
144807	1840	312	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{312}^{6}\ \Phi_{156}^{6}\ \Phi_{104}^{6}\ \Phi_{78}^{6}\ \Phi_{52}^{6}\ \Phi_{39}^{3}\ \Phi_{26}^{6}\ \Phi_{24}^{8}\ \Phi_{13}^{6}\ \Phi_{12}^{8}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
144808	1840	921	$\frac{31}{921}$	$\frac{89}{921}$	$\frac{208}{921}$	$\frac{1}{3}$	$\Phi_{921}^{2}\ \Phi_{307}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
144809	1840	693	$\frac{1}{21}$	$\frac{7}{99}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{693}^{3}\ \Phi_{231}^{3}\ \Phi_{99}^{2}\ \Phi_{77}^{3}\ \Phi_{33}^{2}\ \Phi_{21}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
144810	1840	2679	$\frac{1}{47}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{2679}\ \Phi_{141}^{2}$
144811	1840	921	$\frac{16}{921}$	$\frac{181}{921}$	$\frac{185}{921}$	$\frac{1}{3}$	$\Phi_{921}^{2}\ \Phi_{307}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
144812	1840	585	$\frac{2}{117}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{585}^{3}\ \Phi_{195}^{3}\ \Phi_{117}^{4}\ \Phi_{65}^{3}\ \Phi_{45}^{3}\ \Phi_{39}^{4}\ \Phi_{13}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
144813	1840	3435	$\frac{4}{229}$	$\frac{45}{229}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3435}\ \Phi_{15}^{2}$
144814	1840	1410	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1410}^{2}\ \Phi_{705}\ \Phi_{470}^{2}\ \Phi_{235}^{2}$
144815	1840	3435	$\frac{9}{229}$	$\frac{22}{229}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3435}\ \Phi_{15}^{2}$
144816	1840	1320	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{440}^{2}\ \Phi_{330}^{2}\ \Phi_{220}^{2}\ \Phi_{165}\ \Phi_{110}^{2}\ \Phi_{55}^{2}$
144817	1840	525	$\frac{1}{21}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{525}^{4}\ \Phi_{175}^{4}\ \Phi_{105}^{2}\ \Phi_{75}^{2}\ \Phi_{35}^{2}\ \Phi_{25}^{4}\ \Phi_{21}^{4}\ \Phi_{15}\ \Phi_{7}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
144818	1840	171	$\frac{2}{57}$	$\frac{1}{9}$	$\frac{11}{57}$	$\frac{1}{3}$	$\Phi_{171}^{12}\ \Phi_{57}^{8}\ \Phi_{19}^{8}\ \Phi_{9}^{14}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
144819	1840	921	$\frac{12}{307}$	$\frac{31}{307}$	$\frac{59}{307}$	$\frac{1}{3}$	$\Phi_{921}^{3}\ \Phi_{3}^{2}$
144820	1840	312	$\frac{1}{24}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{312}^{6}\ \Phi_{156}^{6}\ \Phi_{104}^{6}\ \Phi_{78}^{6}\ \Phi_{52}^{6}\ \Phi_{39}^{4}\ \Phi_{26}^{6}\ \Phi_{24}^{8}\ \Phi_{13}^{4}\ \Phi_{12}^{8}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
144821	1840	921	$\frac{11}{307}$	$\frac{37}{307}$	$\frac{54}{307}$	$\frac{1}{3}$	$\Phi_{921}^{3}\ \Phi_{3}^{2}$
144822	1840	366	$\frac{7}{183}$	$\frac{22}{183}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{366}^{6}\ \Phi_{183}^{4}\ \Phi_{122}^{6}\ \Phi_{61}^{4}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
144823	1840	72	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{72}^{30}\ \Phi_{36}^{30}\ \Phi_{24}^{20}\ \Phi_{18}^{24}\ \Phi_{12}^{20}\ \Phi_{9}^{26}\ \Phi_{8}^{20}\ \Phi_{6}^{16}\ \Phi_{4}^{20}\ \Phi_{3}^{17}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
144824	1840	189	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{189}^{12}\ \Phi_{63}^{6}\ \Phi_{27}^{8}\ \Phi_{21}^{8}\ \Phi_{9}^{4}\ \Phi_{7}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
144825	1840	1617	$\frac{3}{49}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1617}^{2}\ \Phi_{231}\ \Phi_{33}^{2}$
144826	1840	1197	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{18}{133}$	$\frac{1}{3}$	$\Phi_{1197}^{2}\ \Phi_{399}\ \Phi_{133}^{2}\ \Phi_{63}^{2}\ \Phi_{21}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
144827	1840	105	$\frac{1}{21}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{105}^{17}\ \Phi_{35}^{17}\ \Phi_{21}^{19}\ \Phi_{15}^{18}\ \Phi_{7}^{19}\ \Phi_{5}^{18}\ \Phi_{3}^{19}\ \Phi_{1}^{20}$
144828	1840	858	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{3}{26}$	$\frac{1}{3}$	$\Phi_{858}^{4}\ \Phi_{429}^{3}\ \Phi_{66}^{4}\ \Phi_{33}^{4}$
144829	1840	855	$\frac{1}{57}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{56}{171}$	$\Phi_{855}^{3}\ \Phi_{171}^{4}\ \Phi_{45}^{3}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
144830	1840	297	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{67}{297}$	$\frac{32}{99}$	$\Phi_{297}^{8}\ \Phi_{99}^{3}\ \Phi_{33}^{2}\ \Phi_{27}^{8}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
144831	1840	1485	$\frac{2}{45}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{43}{135}$	$\Phi_{1485}^{2}\ \Phi_{297}^{2}\ \Phi_{55}$
144832	1840	270	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{43}{135}$	$\Phi_{270}^{12}\ \Phi_{135}^{8}\ \Phi_{54}^{12}\ \Phi_{27}^{8}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
144833	1840	2856	$\frac{3}{56}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{53}{168}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{408}\ \Phi_{357}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
144834	1840	504	$\frac{3}{56}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{53}{168}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{168}^{2}\ \Phi_{126}^{4}\ \Phi_{84}^{2}\ \Phi_{72}^{4}\ \Phi_{63}^{5}\ \Phi_{56}^{4}\ \Phi_{42}^{2}\ \Phi_{36}^{4}\ \Phi_{28}^{4}\ \Phi_{24}^{2}$ $\Phi_{21}^{3}\ \Phi_{18}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{2}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
144835	1840	2607	$\frac{3}{79}$	$\frac{1}{11}$	$\frac{19}{79}$	$\frac{10}{33}$	$\Phi_{2607}\ \Phi_{237}\ \Phi_{79}\ \Phi_{33}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
144836	1840	1155	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{1155}^{2}\ \Phi_{385}^{2}\ \Phi_{165}\ \Phi_{105}^{3}\ \Phi_{55}^{2}\ \Phi_{35}^{3}\ \Phi_{15}^{2}\ \Phi_{5}^{2}$
144837	1840	2607	$\frac{4}{79}$	$\frac{1}{11}$	$\frac{15}{79}$	$\frac{10}{33}$	$\Phi_{2607}\ \Phi_{237}\ \Phi_{79}\ \Phi_{33}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
144838	1840	1122	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{1122}^{2}\ \Phi_{561}\ \Phi_{374}^{2}\ \Phi_{187}^{2}\ \Phi_{102}^{3}\ \Phi_{51}^{2}\ \Phi_{34}^{3}\ \Phi_{17}^{2}$
144839	1840	2607	$\frac{7}{79}$	$\frac{1}{11}$	$\frac{9}{79}$	$\frac{10}{33}$	$\Phi_{2607}\ \Phi_{237}\ \Phi_{79}\ \Phi_{33}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
144840	1840	99	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{10}{33}$	$\Phi_{99}^{21}\ \Phi_{33}^{11}\ \Phi_{11}^{20}\ \Phi_{9}^{20}\ \Phi_{3}^{10}\ \Phi_{1}^{20}$
144841	1840	441	$\frac{3}{49}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{441}^{5}\ \Phi_{147}^{5}\ \Phi_{63}^{3}\ \Phi_{21}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{2}$
144842	1840	63	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{4}{21}$	$\frac{17}{63}$	$\Phi_{63}^{28}\ \Phi_{21}^{32}\ \Phi_{9}^{27}\ \Phi_{7}^{32}\ \Phi_{3}^{31}\ \Phi_{1}^{32}$
144843	1840	2145	$\frac{11}{195}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{429}\ \Phi_{143}\ \Phi_{55}$
144844	1840	216	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{216}^{12}\ \Phi_{108}^{12}\ \Phi_{72}^{3}\ \Phi_{54}^{12}\ \Phi_{36}^{3}\ \Phi_{27}^{8}\ \Phi_{24}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}$ $\Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
144845	1840	651	$\frac{1}{21}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{651}^{3}\ \Phi_{217}^{3}\ \Phi_{93}^{3}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}$
144846	1840	246	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{10}{41}$	$\frac{31}{123}$	$\Phi_{246}^{9}\ \Phi_{123}^{5}\ \Phi_{82}^{9}\ \Phi_{41}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
144847	1840	2176	$\frac{1}{17}$	$\frac{13}{128}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{544}\ \Phi_{68}\ \Phi_{34}$
144848	1840	476	$\frac{1}{17}$	$\frac{3}{28}$	$\frac{5}{28}$	$\frac{1}{4}$	$\Phi_{476}^{4}\ \Phi_{238}^{4}\ \Phi_{119}^{4}\ \Phi_{68}^{5}\ \Phi_{34}^{5}\ \Phi_{17}^{4}$
144849	1840	760	$\frac{1}{38}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{37}{152}$	$\Phi_{760}^{3}\ \Phi_{380}^{3}\ \Phi_{152}^{4}\ \Phi_{76}^{4}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
144850	1840	1729	$\frac{3}{91}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{22}{91}$	$\Phi_{1729}\ \Phi_{247}\ \Phi_{133}\ \Phi_{91}^{2}\ \Phi_{19}^{2}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
144851	1840	2730	$\frac{3}{91}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{22}{91}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{910}\ \Phi_{390}\ \Phi_{210}\ \Phi_{195}\ \Phi_{130}\ \Phi_{105}\ \Phi_{70}\ \Phi_{30}^{2}$ $\Phi_{15}^{2}\ \Phi_{10}^{2}$
144852	1840	613	$\frac{21}{613}$	$\frac{93}{613}$	$\frac{130}{613}$	$\frac{148}{613}$	$\Phi_{613}^{3}\ \Phi_{1}^{4}$
144853	1840	738	$\frac{13}{369}$	$\frac{1}{6}$	$\frac{70}{369}$	$\frac{89}{369}$	$\Phi_{738}^{3}\ \Phi_{369}^{2}\ \Phi_{246}^{3}\ \Phi_{123}^{2}\ \Phi_{82}^{3}\ \Phi_{41}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
144854	1840	1839	$\frac{67}{1839}$	$\frac{298}{1839}$	$\frac{349}{1839}$	$\frac{443}{1839}$	$\Phi_{1839}\ \Phi_{613}\ \Phi_{3}\ \Phi_{1}^{2}$
144855	1840	2305	$\frac{17}{461}$	$\frac{70}{461}$	$\frac{1}{5}$	$\frac{111}{461}$	Φ_{2305}
144856	1840	390	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{7}{30}$	$\Phi_{390}^{6}\ \Phi_{195}^{3}\ \Phi_{130}^{6}\ \Phi_{78}^{6}\ \Phi_{65}^{3}\ \Phi_{39}^{3}\ \Phi_{30}^{8}\ \Phi_{26}^{6}\ \Phi_{15}^{4}\ \Phi_{13}^{6}\ \Phi_{10}^{8}\ \Phi_{6}^{8}$ $\Phi_{5}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
144857	1840	330	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{7}{30}$	$\Phi_{330}^{8}\ \Phi_{165}^{4}\ \Phi_{110}^{8}\ \Phi_{66}^{8}\ \Phi_{55}^{5}\ \Phi_{33}^{4}\ \Phi_{22}^{8}\ \Phi_{11}^{4}$
144858	1840	390	$\frac{1}{15}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{7}{30}$	$\Phi_{390}^{6}\ \Phi_{195}^{3}\ \Phi_{130}^{6}\ \Phi_{78}^{6}\ \Phi_{65}^{3}\ \Phi_{39}^{4}\ \Phi_{30}^{8}\ \Phi_{26}^{6}\ \Phi_{15}^{4}\ \Phi_{13}^{4}\ \Phi_{10}^{8}\ \Phi_{6}^{8}$ $\Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
144859	1840	90	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{7}{30}$	$\Phi_{90}^{21}\ \Phi_{45}^{24}\ \Phi_{30}^{14}\ \Phi_{18}^{24}\ \Phi_{15}^{16}\ \Phi_{10}^{14}\ \Phi_{9}^{26}\ \Phi_{6}^{16}\ \Phi_{5}^{16}\ \Phi_{3}^{17}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
144860	1840	325	$\frac{1}{13}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{3}{13}$	$\Phi_{325}^{6}\,\Phi_{65}^{3}\,\Phi_{25}^{8}\,\Phi_{13}^{6}\,\Phi_{5}^{4}\,\Phi_{1}^{8}$
144861	1840	351	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{3}{13}$	$\Phi_{351}^{6}\,\Phi_{117}^{3}\,\Phi_{39}^{3}\,\Phi_{27}^{8}\,\Phi_{13}^{6}\,\Phi_{9}^{4}\,\Phi_{3}^{4}\,\Phi_{1}^{8}$
144862	1840	396	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{17}{132}$	$\frac{5}{22}$	$\Phi_{396}^{6}\,\Phi_{198}^{4}\,\Phi_{132}^{4}\,\Phi_{99}^{5}\,\Phi_{66}^{2}\,\Phi_{44}^{4}\,\Phi_{36}^{6}\,\Phi_{33}^{3}\,\Phi_{22}^{4}\,\Phi_{18}^{4}\,\Phi_{12}^{4}\,\Phi_{11}^{4}\,\Phi_{9}^{4}\,\Phi_{6}^{2}\,\Phi_{4}^{4}\,\Phi_{3}^{2}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
144863	1840	198	$\frac{7}{99}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{2}{9}$	$\Phi_{198}^{12}\,\Phi_{99}^{8}\,\Phi_{66}^{12}\,\Phi_{33}^{8}\,\Phi_{22}^{12}\,\Phi_{18}^{3}\,\Phi_{11}^{8}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
144864	1840	126	$\frac{11}{126}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{126}^{14}\,\Phi_{63}^{15}\,\Phi_{42}^{14}\,\Phi_{21}^{15}\,\Phi_{18}^{14}\,\Phi_{14}^{16}\,\Phi_{9}^{14}\,\Phi_{7}^{16}\,\Phi_{6}^{14}\,\Phi_{3}^{14}\,\Phi_{2}^{16}\,\Phi_{1}^{16}$
144865	1840	2280	$\frac{1}{24}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{2280}\,\Phi_{1140}\,\Phi_{760}\,\Phi_{570}\,\Phi_{380}\,\Phi_{285}\,\Phi_{190}\,\Phi_{120}^{2}\,\Phi_{60}^{2}\,\Phi_{40}^{2}\,\Phi_{30}^{2}\,\Phi_{20}^{2}\,\Phi_{15}^{2}\,\Phi_{10}^{2}$
144866	1840	931	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{931}^{2}\,\Phi_{133}\,\Phi_{49}^{4}\,\Phi_{19}^{2}\,\Phi_{7}^{2}\,\Phi_{1}^{4}$
144867	1840	494	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{494}^{4}\,\Phi_{247}^{3}\,\Phi_{38}^{4}\,\Phi_{26}^{8}\,\Phi_{19}^{4}\,\Phi_{13}^{6}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
144868	1840	648	$\frac{1}{24}$	$\frac{13}{81}$	$\frac{16}{81}$	$\frac{17}{81}$	$\Phi_{648}^{3}\,\Phi_{324}^{3}\,\Phi_{216}^{3}\,\Phi_{162}^{3}\,\Phi_{108}^{3}\,\Phi_{81}^{2}\,\Phi_{72}^{3}\,\Phi_{54}^{3}\,\Phi_{36}^{3}\,\Phi_{27}^{2}\,\Phi_{24}^{2}\,\Phi_{18}^{3}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
144869	1840	1839	$\frac{64}{1839}$	$\frac{355}{1839}$	$\frac{367}{1839}$	$\frac{371}{1839}$	$\Phi_{1839}\,\Phi_{613}\,\Phi_{3}\,\Phi_{1}^{2}$
144870	1840	2305	$\frac{16}{461}$	$\frac{89}{461}$	$\frac{1}{5}$	$\frac{93}{461}$	Φ_{2305}
144871	1840	285	$\frac{2}{57}$	$\frac{11}{57}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{285}^{6}\,\Phi_{95}^{6}\,\Phi_{57}^{8}\,\Phi_{19}^{8}\,\Phi_{15}^{6}\,\Phi_{5}^{9}\,\Phi_{3}^{8}\,\Phi_{1}^{12}$
144872	1840	120	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{120}^{15}\,\Phi_{60}^{15}\,\Phi_{40}^{15}\,\Phi_{30}^{12}\,\Phi_{24}^{20}\,\Phi_{20}^{15}\,\Phi_{15}^{12}\,\Phi_{12}^{20}\,\Phi_{10}^{12}\,\Phi_{8}^{20}\,\Phi_{6}^{16}\,\Phi_{5}^{15}\,\Phi_{4}^{20}\,\Phi_{3}^{16}\,\Phi_{2}^{16}\,\Phi_{1}^{20}$
144873	1840	665	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{665}^{3}\,\Phi_{133}^{4}\,\Phi_{35}^{3}\,\Phi_{7}^{4}\,\Phi_{5}^{3}\,\Phi_{1}^{4}$
144874	1840	275	$\frac{2}{25}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{275}^{8}\,\Phi_{55}^{5}\,\Phi_{11}^{4}$
144875	1840	2475	$\frac{4}{45}$	$\frac{1}{11}$	$\frac{41}{225}$	$\frac{1}{5}$	$\Phi_{2475}\,\Phi_{825}\,\Phi_{275}\,\Phi_{55}$
144876	1840	975	$\frac{2}{25}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{5}$	$\Phi_{975}^{2}\,\Phi_{325}^{2}\,\Phi_{195}\,\Phi_{75}^{2}\,\Phi_{65}\,\Phi_{39}^{2}\,\Phi_{25}^{4}\,\Phi_{15}\,\Phi_{13}^{2}\,\Phi_{5}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{4}$
144877	1840	1470	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1470}^{2}\,\Phi_{735}^{2}\,\Phi_{490}^{2}\,\Phi_{210}\,\Phi_{105}\,\Phi_{70}\,\Phi_{30}^{2}\,\Phi_{15}^{2}\,\Phi_{10}^{2}$
144878	1840	390	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{390}^{7}\,\Phi_{195}^{7}\,\Phi_{130}^{3}\,\Phi_{65}^{4}\,\Phi_{30}^{8}\,\Phi_{15}^{8}\,\Phi_{10}^{4}\,\Phi_{5}^{4}$
144879	1840	450	$\frac{2}{25}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{450}^{6}\,\Phi_{225}^{4}\,\Phi_{150}^{4}\,\Phi_{90}^{3}\,\Phi_{75}^{2}\,\Phi_{50}^{4}\,\Phi_{45}^{2}\,\Phi_{30}^{2}\,\Phi_{25}^{4}\,\Phi_{18}^{6}\,\Phi_{15}\,\Phi_{10}^{2}\,\Phi_{9}^{4}\,\Phi_{6}^{4}\,\Phi_{5}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
144880	1840	1485	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{5}$	$\Phi_{1485}^{2}\,\Phi_{495}\,\Phi_{165}\,\Phi_{55}^{2}$
144881	1840	1155	$\frac{1}{11}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{1155}^{2}\,\Phi_{385}^{2}\,\Phi_{231}^{2}\,\Phi_{77}^{2}\,\Phi_{55}$
144882	1840	450	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{41}{225}$	$\Phi_{450}^{6}\,\Phi_{225}^{4}\,\Phi_{150}^{6}\,\Phi_{75}^{4}\,\Phi_{50}^{6}\,\Phi_{25}^{4}\,\Phi_{18}^{3}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
144883	1840	495	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{9}{55}$	$\frac{2}{11}$	$\Phi_{495}^{5}\,\Phi_{165}^{5}\,\Phi_{99}\,\Phi_{45}^{5}\,\Phi_{33}\,\Phi_{15}^{5}$
144884	1840	351	$\frac{4}{39}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{7}{39}$	$\Phi_{351}^{6}\,\Phi_{117}^{3}\,\Phi_{39}^{4}\,\Phi_{27}^{8}\,\Phi_{13}^{4}\,\Phi_{9}^{4}\,\Phi_{3}^{5}\,\Phi_{1}^{6}$
144885	1840	252	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{5}{28}$	$\Phi_{252}^{8}\,\Phi_{126}^{8}\,\Phi_{84}^{8}\,\Phi_{63}^{9}\,\Phi_{42}^{8}\,\Phi_{36}^{8}\,\Phi_{21}^{9}\,\Phi_{18}^{8}\,\Phi_{12}^{8}\,\Phi_{9}^{8}\,\Phi_{6}^{8}\,\Phi_{3}^{8}$
144886	1840	810	$\frac{37}{405}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{45}$	$\Phi_{810}^{3}\,\Phi_{405}^{2}\,\Phi_{270}^{3}\,\Phi_{162}^{3}\,\Phi_{135}^{2}\,\Phi_{81}^{2}\,\Phi_{54}^{3}\,\Phi_{27}^{2}\,\Phi_{18}^{3}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
144887	1840	54	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{6}$	$\Phi_{54}^{48}\,\Phi_{27}^{32}\,\Phi_{18}^{27}\,\Phi_{9}^{18}\,\Phi_{6}^{26}\,\Phi_{3}^{17}\,\Phi_{2}^{26}\,\Phi_{1}^{18}$
144888	1841	2944	$\frac{1}{368}$	$\frac{369}{1472}$	$\frac{1103}{2944}$	$\frac{367}{736}$	$\Phi_{2944}\,\Phi_{736}\,\Phi_{128}\,\Phi_{32}\,\Phi_{1}$
144889	1841	1572	$\frac{1}{262}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{261}{524}$	$\Phi_{786}^{2}\,\Phi_{524}\,\Phi_{393}^{2}\,\Phi_{262}^{2}\,\Phi_{131}^{2}\,\Phi_{12}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
144890	1841	4716	$\frac{1}{262}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{261}{524}$	$\Phi_{4716}\,\Phi_{524}\,\Phi_{36}\,\Phi_{9}\,\Phi_{4}\,\Phi_{1}$
144891	1841	3660	$\frac{11}{1830}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1819}{3660}$	$\Phi_{3660}\,\Phi_{1220}\,\Phi_{732}\,\Phi_{244}\,\Phi_{60}\,\Phi_{20}\,\Phi_{15}\,\Phi_{12}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
144892	1841	2460	$\frac{4}{615}$	$\frac{1}{5}$	$\frac{619}{2460}$	$\frac{611}{1230}$	$\Phi_{2460}\,\Phi_{820}\,\Phi_{615}\,\Phi_{492}\,\Phi_{205}\,\Phi_{164}\,\Phi_{123}\,\Phi_{60}\,\Phi_{41}\,\Phi_{20}\,\Phi_{15}\,\Phi_{12}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
144893	1841	2088	$\frac{2}{261}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{259}{522}$	$\Phi_{2088}\,\Phi_{1044}\,\Phi_{696}\,\Phi_{348}\,\Phi_{261}\,\Phi_{232}\,\Phi_{116}\,\Phi_{87}\,\Phi_{72}\,\Phi_{36}\,\Phi_{29}\,\Phi_{24}^{2}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{8}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
144894	1841	3648	$\frac{17}{1824}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{1807}{3648}$	$\Phi_{3648}\,\Phi_{1216}\,\Phi_{192}\,\Phi_{64}\,\Phi_{32}\,\Phi_{1}$
144895	1841	3648	$\frac{17}{1824}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1807}{3648}$	$\Phi_{3648}\,\Phi_{1216}\,\Phi_{192}\,\Phi_{64}\,\Phi_{24}\,\Phi_{12}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
144896	1841	352	$\frac{1}{88}$	$\frac{1}{8}$	$\frac{89}{352}$	$\frac{87}{176}$	$\Phi_{352}^{7}\ \Phi_{88}^{7}\ \Phi_{44}^{7}\ \Phi_{32}^{7}\ \Phi_{22}^{7}\ \Phi_{11}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
144897	1841	520	$\frac{3}{260}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{257}{520}$	$\Phi_{520}^{3}\ \Phi_{260}^{4}\ \Phi_{130}^{4}\ \Phi_{104}^{3}\ \Phi_{65}^{4}\ \Phi_{52}^{4}\ \Phi_{40}^{3}\ \Phi_{26}^{4}\ \Phi_{20}^{4}\ \Phi_{13}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{6}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
144898	1841	3520	$\frac{1}{80}$	$\frac{81}{1760}$	$\frac{1679}{3520}$	$\frac{79}{160}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{160}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
144899	1841	1032	$\frac{5}{258}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{253}{516}$	$\Phi_{1032}^{2}\ \Phi_{516}\ \Phi_{344}^{2}\ \Phi_{258}^{2}\ \Phi_{172}\ \Phi_{129}^{2}\ \Phi_{86}^{2}\ \Phi_{43}^{2}\ \Phi_{24}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
144900	1841	2050	$\frac{4}{205}$	$\frac{209}{2050}$	$\frac{1}{5}$	$\frac{201}{410}$	$\Phi_{2050}\ \Phi_{1025}\ \Phi_{205}\ \Phi_{50}\ \Phi_{41}\ \Phi_{25}\ \Phi_{1}$
144901	1841	3600	$\frac{41}{1800}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{1759}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
144902	1841	3600	$\frac{41}{1800}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1759}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{16}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
144903	1841	3600	$\frac{41}{1800}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1759}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}\ \Phi_{16}\ \Phi_{1}$
144904	1841	2220	$\frac{9}{370}$	$\frac{1}{10}$	$\frac{379}{2220}$	$\frac{361}{740}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{555}\ \Phi_{444}\ \Phi_{370}\ \Phi_{222}\ \Phi_{185}\ \Phi_{111}\ \Phi_{74}\ \Phi_{60}\ \Phi_{37}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
144905	1841	3588	$\frac{47}{1794}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{1747}{3588}$	$\Phi_{3588}\ \Phi_{1196}\ \Phi_{276}\ \Phi_{156}\ \Phi_{92}\ \Phi_{69}\ \Phi_{52}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
144906	1841	2112	$\frac{7}{264}$	$\frac{1}{8}$	$\frac{271}{2112}$	$\frac{257}{528}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{64}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
144907	1841	512	$\frac{7}{256}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{249}{512}$	$\Phi_{512}^{7}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
144908	1841	512	$\frac{7}{256}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{249}{512}$	$\Phi_{512}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
144909	1841	2480	$\frac{19}{620}$	$\frac{1}{20}$	$\frac{639}{2480}$	$\frac{601}{1240}$	$\Phi_{2480}\ \Phi_{620}\ \Phi_{496}\ \Phi_{310}\ \Phi_{155}\ \Phi_{124}\ \Phi_{80}\ \Phi_{62}\ \Phi_{31}\ \Phi_{16}\ \Phi_{1}$
144910	1841	2484	$\frac{22}{621}$	$\frac{1}{23}$	$\frac{643}{2484}$	$\frac{599}{1242}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{621}\ \Phi_{276}\ \Phi_{207}\ \Phi_{108}\ \Phi_{92}\ \Phi_{69}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
144911	1841	2024	$\frac{10}{253}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{243}{506}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{253}\ \Phi_{184}\ \Phi_{92}\ \Phi_{88}^{2}\ \Phi_{44}^{2}\ \Phi_{23}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
144912	1841	288	$\frac{1}{24}$	$\frac{25}{288}$	$\frac{1}{8}$	$\frac{23}{48}$	$\Phi_{288}^{7}\ \Phi_{144}^{7}\ \Phi_{96}^{7}\ \Phi_{72}^{7}\ \Phi_{36}^{7}\ \Phi_{32}^{7}\ \Phi_{24}^{7}\ \Phi_{18}^{7}\ \Phi_{12}^{7}\ \Phi_{9}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
144913	1841	504	$\frac{11}{252}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{241}{504}$	$\Phi_{504}^{3}\ \Phi_{252}^{4}\ \Phi_{168}^{3}\ \Phi_{126}^{4}\ \Phi_{84}^{4}\ \Phi_{72}^{3}\ \Phi_{63}^{4}\ \Phi_{56}^{3}\ \Phi_{42}^{4}\ \Phi_{36}^{4}\ \Phi_{28}^{4}\ \Phi_{24}^{7}\ \Phi_{21}^{4}\ \Phi_{18}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{7}\ \Phi_{9}^{4}\ \Phi_{8}^{6}\ \Phi_{7}^{4}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
144914	1841	3520	$\frac{81}{1760}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1679}{3520}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
144915	1841	2432	$\frac{17}{608}$	$\frac{1}{16}$	$\frac{591}{2432}$	$\frac{15}{32}$	$\Phi_{2432}\ \Phi_{1216}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
144916	1841	1920	$\frac{79}{1920}$	$\frac{1}{16}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
144917	1841	1936	$\frac{95}{1936}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{81}{176}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{121}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
144918	1841	968	$\frac{1}{22}$	$\frac{21}{242}$	$\frac{1}{8}$	$\frac{221}{484}$	$\Phi_{968}^{2}\ \Phi_{484}\ \Phi_{242}^{2}\ \Phi_{121}^{2}\ \Phi_{88}^{4}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
144919	1841	270	$\frac{7}{270}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{270}^{7}\ \Phi_{135}^{7}\ \Phi_{90}^{6}\ \Phi_{54}^{7}\ \Phi_{45}^{7}\ \Phi_{30}^{6}\ \Phi_{27}^{7}\ \Phi_{18}^{6}\ \Phi_{15}^{7}\ \Phi_{10}^{6}\ \Phi_{9}^{7}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
144920	1841	480	$\frac{1}{80}$	$\frac{23}{240}$	$\frac{79}{240}$	$\frac{217}{480}$	$\Phi_{480}^{7}\ \Phi_{240}\ \Phi_{160}^{7}\ \Phi_{120}\ \Phi_{96}^{7}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}^{7}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
144921	1841	480	$\frac{3}{80}$	$\frac{23}{240}$	$\frac{11}{80}$	$\frac{217}{480}$	$\Phi_{480}^{7}\ \Phi_{160}^{7}\ \Phi_{96}^{7}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{32}^{7}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
144922	1841	480	$\frac{1}{24}$	$\frac{23}{240}$	$\frac{1}{8}$	$\frac{217}{480}$	$\Phi_{480}^{7}\ \Phi_{160}^{7}\ \Phi_{96}^{7}\ \Phi_{32}^{7}\ \Phi_{24}^{7}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
144923	1841	2070	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{229}{2070}$	$\frac{185}{414}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{207}\ \Phi_{115}\ \Phi_{90}\ \Phi_{69}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
144924	1841	3312	$\frac{1}{92}$	$\frac{185}{1656}$	$\frac{91}{276}$	$\frac{1471}{3312}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{276}\ \Phi_{144}\ \Phi_{138}\ \Phi_{69}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
144925	1841	3312	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{185}{1656}$	$\frac{1471}{3312}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{207}\ \Phi_{144}\ \Phi_{69}\ \Phi_{48}\ \Phi_{16}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
144926	1841	3280	$\frac{4}{205}$	$\frac{201}{1640}$	$\frac{1}{5}$	$\frac{1439}{3280}$	$\Phi_{3280}\ \Phi_{656}\ \Phi_{205}\ \Phi_{80}\ \Phi_{41}\ \Phi_{16}\ \Phi_{1}$
144927	1841	2560	$\frac{1}{80}$	$\frac{79}{640}$	$\frac{719}{2560}$	$\frac{561}{1280}$	$\Phi_{2560}\ \Phi_{640}\ \Phi_{512}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
144928	1841	272	$\frac{9}{272}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{272}^{7}\ \Phi_{136}^{7}\ \Phi_{68}^{7}\ \Phi_{34}^{7}\ \Phi_{17}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
144929	1841	1848	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{32}{231}$	$\frac{199}{462}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{308}\ \Phi_{264}^{2}\ \Phi_{231}\ \Phi_{168}\ \Phi_{132}^{2}\ \Phi_{88}^{2}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{56}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{28}\ \Phi_{24}^{2}\ \Phi_{22}\ \Phi_{21}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
144930	1841	368	$\frac{1}{92}$	$\frac{13}{92}$	$\frac{105}{368}$	$\frac{79}{184}$	$\Phi_{368}^{7}\ \Phi_{92}^{6}\ \Phi_{46}^{6}\ \Phi_{23}^{6}\ \Phi_{16}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
144931	1841	3200	$\frac{1}{80}$	$\frac{241}{1600}$	$\frac{79}{320}$	$\frac{1359}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
144932	1841	3168	$\frac{7}{264}$	$\frac{1}{8}$	$\frac{257}{1584}$	$\frac{1327}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
144933	1841	1572	$\frac{1}{131}$	$\frac{1}{6}$	$\frac{130}{393}$	$\frac{5}{12}$	$\Phi_{1572}^{2}\ \Phi_{524}^{2}\ \Phi_{393}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
144934	1841	1900	$\frac{59}{1900}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{475}\ \Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}\ \Phi_{50}\ \Phi_{38}\ \Phi_{25}\ \Phi_{19}\ \Phi_{1}$
144935	1841	440	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{43}{220}$	$\frac{177}{440}$	$\Phi_{440}^{3}\ \Phi_{220}^{4}\ \Phi_{110}^{4}\ \Phi_{88}^{7}\ \Phi_{55}^{4}\ \Phi_{44}^{7}\ \Phi_{40}^{3}\ \Phi_{22}^{7}\ \Phi_{20}^{4}\ \Phi_{11}^{7}\ \Phi_{10}^{4}\ \Phi_{8}^{6}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
144936	1841	1920	$\frac{79}{1920}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
144937	1841	2960	$\frac{9}{370}$	$\frac{1}{10}$	$\frac{361}{1480}$	$\frac{1119}{2960}$	$\Phi_{2960}\ \Phi_{592}\ \Phi_{370}\ \Phi_{185}\ \Phi_{80}\ \Phi_{74}\ \Phi_{37}\ \Phi_{16}\ \Phi_{1}$
144938	1841	1860	$\frac{19}{1860}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{465}\ \Phi_{372}\ \Phi_{310}\ \Phi_{186}\ \Phi_{155}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{60}\ \Phi_{31}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
144939	1841	2880	$\frac{1}{80}$	$\frac{79}{480}$	$\frac{401}{1440}$	$\frac{1039}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
144940	1841	1872	$\frac{31}{1872}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{24}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
144941	1841	1920	$\frac{79}{1920}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
144942	1841	276	$\frac{1}{23}$	$\frac{13}{276}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{276}^{7}\ \Phi_{138}^{6}\ \Phi_{92}^{7}\ \Phi_{69}^{7}\ \Phi_{46}^{6}\ \Phi_{23}^{6}\ \Phi_{12}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{7}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
144943	1841	2784	$\frac{15}{464}$	$\frac{1}{16}$	$\frac{449}{1392}$	$\frac{943}{2784}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{96}\ \Phi_{58}\ \Phi_{32}\ \Phi_{29}\ \Phi_{1}$
144944	1841	792	$\frac{1}{66}$	$\frac{1}{8}$	$\frac{65}{198}$	$\frac{133}{396}$	$\Phi_{792}^{2}\ \Phi_{396}\ \Phi_{264}^{4}\ \Phi_{198}^{2}\ \Phi_{132}^{3}\ \Phi_{99}^{2}\ \Phi_{88}^{4}\ \Phi_{72}^{2}\ \Phi_{66}^{3}\ \Phi_{44}^{3}\ \Phi_{36}\ \Phi_{33}^{3}\ \Phi_{24}^{4}\ \Phi_{22}^{3}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{11}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{3}\ \Phi_{1}^{3}$
144945	1841	2208	$\frac{1}{92}$	$\frac{367}{2208}$	$\frac{91}{276}$	$\frac{185}{552}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{368}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}\ \Phi_{69}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
144946	1841	2760	$\frac{1}{230}$	$\frac{229}{690}$	$\frac{919}{2760}$	$\frac{461}{1380}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{184}\ \Phi_{138}\ \Phi_{120}\ \Phi_{69}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
144947	1841	1179	$\frac{1}{131}$	$\frac{2}{9}$	$\frac{130}{393}$	$\frac{1}{3}$	$\Phi_{1179}^{2}\ \Phi_{393}\ \Phi_{9}^{3}\ \Phi_{3}\ \Phi_{1}$
144948	1841	696	$\frac{2}{87}$	$\frac{1}{8}$	$\frac{85}{348}$	$\frac{1}{3}$	$\Phi_{696}^{3}\ \Phi_{348}^{2}\ \Phi_{232}^{3}\ \Phi_{174}^{2}\ \Phi_{116}^{2}\ \Phi_{87}^{3}\ \Phi_{58}^{2}\ \Phi_{29}^{3}\ \Phi_{24}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{3}\ \Phi_{1}^{3}$
144949	1841	1080	$\frac{7}{270}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{270}\ \Phi_{216}^{2}\ \Phi_{180}^{2}\ \Phi_{135}\ \Phi_{120}^{2}\ \Phi_{108}^{2}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}^{2}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
144950	1841	291	$\frac{6}{97}$	$\frac{28}{291}$	$\frac{13}{97}$	$\frac{1}{3}$	$\Phi_{291}^{6}\ \Phi_{97}^{7}\ \Phi_{3}^{5}\ \Phi_{1}^{7}$
144951	1841	2484	$\frac{1}{92}$	$\frac{185}{828}$	$\frac{643}{2484}$	$\frac{91}{276}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{621}\ \Phi_{276}\ \Phi_{138}\ \Phi_{108}\ \Phi_{69}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
144952	1841	2745	$\frac{11}{915}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{904}{2745}$	$\Phi_{2745}\ \Phi_{549}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
144953	1841	2736	$\frac{17}{912}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{895}{2736}$	$\Phi_{2736}\ \Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
144954	1841	2376	$\frac{7}{264}$	$\frac{1}{8}$	$\frac{535}{2376}$	$\frac{257}{792}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{264}\ \Phi_{216}\ \Phi_{132}\ \Phi_{108}\ \Phi_{88}\ \Phi_{66}\ \Phi_{54}\ \Phi_{44}\ \Phi_{33}\ \Phi_{27}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
144955	1841	2691	$\frac{1}{23}$	$\frac{47}{897}$	$\frac{850}{2691}$	$\frac{22}{69}$	$\Phi_{2691}\ \Phi_{207}\ \Phi_{117}\ \Phi_{69}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
144956	1841	2700	$\frac{41}{900}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{859}{2700}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
144957	1841	2700	$\frac{41}{900}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{859}{2700}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
144958	1841	2700	$\frac{41}{900}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{859}{2700}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{50}\ \Phi_{27}\ \Phi_{25}\ \Phi_1$
144959	1841	2400	$\frac{1}{20}$	$\frac{41}{600}$	$\frac{559}{2400}$	$\frac{19}{60}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
144960	1841	1980	$\frac{1}{20}$	$\frac{139}{1980}$	$\frac{41}{180}$	$\frac{19}{60}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
144961	1841	2160	$\frac{1}{20}$	$\frac{41}{360}$	$\frac{319}{2160}$	$\frac{19}{60}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{60}\ \Phi_{54}\ \Phi_{48}\ \Phi_{30}\ \Phi_{27}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
144962	1841	300	$\frac{1}{20}$	$\frac{37}{300}$	$\frac{41}{300}$	$\frac{19}{60}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^6\ \Phi_{75}^6\ \Phi_{60}^7\ \Phi_{50}^6\ \Phi_{30}^7\ \Phi_{25}^6\ \Phi_{20}^6\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}^6\ \Phi_6^7\ \Phi_5^6\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
144963	1841	384	$\frac{7}{128}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{121}{384}$	$\Phi_{384}^7\ \Phi_{192}^7\ \Phi_{96}^7\ \Phi_{64}\ \Phi_{48}^7\ \Phi_{32}\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^7\ \Phi_1$
144964	1841	384	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{121}{384}$	$\Phi_{384}^7\ \Phi_{192}^7\ \Phi_{96}^7\ \Phi_{48}^7\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
144965	1841	288	$\frac{1}{12}$	$\frac{25}{288}$	$\frac{1}{8}$	$\frac{11}{36}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}^7\ \Phi_{72}^3\ \Phi_{48}^7\ \Phi_{36}^4\ \Phi_{32}^7\ \Phi_{24}^7\ \Phi_{18}^4\ \Phi_{16}^7\ \Phi_{12}^7\ \Phi_9^4\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
144966	1841	2640	$\frac{7}{88}$	$\frac{81}{880}$	$\frac{1}{8}$	$\frac{799}{2640}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{22}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
144967	1841	2280	$\frac{17}{456}$	$\frac{1}{8}$	$\frac{439}{2280}$	$\frac{7}{24}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{120}\ \Phi_{95}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
144968	1841	1920	$\frac{79}{1920}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
144969	1841	320	$\frac{3}{80}$	$\frac{11}{80}$	$\frac{57}{320}$	$\frac{23}{80}$	$\Phi_{320}^7\ \Phi_{160}^7\ \Phi_{80}^2\ \Phi_{64}^7\ \Phi_{40}^2\ \Phi_{32}^7\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
144970	1841	1950	$\frac{109}{1950}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{150}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{390}\ \Phi_{325}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{50}\ \Phi_{39}\ \Phi_{26}\ \Phi_{25}\ \Phi_{13}\ \Phi_1$
144971	1841	360	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{23}{120}$	$\frac{97}{360}$	$\Phi_{360}^7\ \Phi_{180}^7\ \Phi_{90}^7\ \Phi_{72}^7\ \Phi_{45}^7\ \Phi_{36}^7\ \Phi_{24}^7\ \Phi_{18}^7\ \Phi_{12}^7\ \Phi_9^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
144972	1841	2484	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{185}{828}$	$\frac{643}{2484}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{621}\ \Phi_{207}\ \Phi_{108}\ \Phi_{69}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1$
144973	1841	2460	$\frac{4}{205}$	$\frac{1}{5}$	$\frac{201}{820}$	$\frac{619}{2460}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{615}\ \Phi_{492}\ \Phi_{246}\ \Phi_{205}\ \Phi_{123}\ \Phi_{60}\ \Phi_{41}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
144974	1841	312	$\frac{3}{52}$	$\frac{1}{8}$	$\frac{49}{312}$	$\frac{1}{4}$	$\Phi_{312}^7\ \Phi_{156}^7\ \Phi_{104}^3\ \Phi_{78}^7\ \Phi_{52}^4\ \Phi_{39}^7\ \Phi_{26}^4\ \Phi_{24}^7\ \Phi_{13}^4\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
144975	1841	280	$\frac{17}{280}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{280}^7\ \Phi_{140}^7\ \Phi_{70}^7\ \Phi_{56}^7\ \Phi_{40}^3\ \Phi_{35}^7\ \Phi_{28}^7\ \Phi_{20}^4\ \Phi_{14}^7\ \Phi_{10}^4\ \Phi_8^6\ \Phi_7^7\ \Phi_5^4\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
144976	1841	2048	$\frac{1}{16}$	$\frac{207}{2048}$	$\frac{49}{256}$	$\frac{15}{64}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{512}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
144977	1841	320	$\frac{1}{16}$	$\frac{7}{64}$	$\frac{57}{320}$	$\frac{15}{64}$	$\Phi_{320}^7\ \Phi_{160}^7\ \Phi_{80}^7\ \Phi_{64}\ \Phi_{40}^7\ \Phi_{32}\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_5^7\ \Phi_1$
144978	1841	2400	$\frac{41}{600}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{559}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{50}\ \Phi_{48}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
144979	1841	2112	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{271}{2112}$	$\frac{81}{352}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{64}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
144980	1841	1980	$\frac{139}{1980}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{180}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_9\ \Phi_3\ \Phi_1$
144981	1841	288	$\frac{25}{288}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{32}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}^7\ \Phi_{72}^7\ \Phi_{48}^7\ \Phi_{36}^7\ \Phi_{24}^7\ \Phi_{18}^7\ \Phi_{12}^7\ \Phi_9^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
144982	1841	336	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{84}$	$\frac{73}{336}$	$\Phi_{336}^7\ \Phi_{168}^3\ \Phi_{112}^7\ \Phi_{84}^4\ \Phi_{56}^3\ \Phi_{48}^7\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{24}^7\ \Phi_{21}^4\ \Phi_{16}^7\ \Phi_{14}^4\ \Phi_{12}^7\ \Phi_8^6\ \Phi_7^4\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
144983	1841	2000	$\frac{159}{2000}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{200}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{125}\ \Phi_{80}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
144984	1841	2025	$\frac{4}{45}$	$\frac{184}{2025}$	$\frac{41}{225}$	$\frac{1}{5}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{405}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
144985	1841	2250	$\frac{4}{45}$	$\frac{41}{450}$	$\frac{409}{2250}$	$\frac{1}{5}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{750}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
144986	1841	2160	$\frac{4}{45}$	$\frac{41}{360}$	$\frac{319}{2160}$	$\frac{1}{5}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{45}\ \Phi_{27}\ \Phi_{16}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
144987	1841	2200	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{359}{2200}$	$\frac{81}{440}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{200}\ \Phi_{100}\ \Phi_{88}\ \Phi_{50}\ \Phi_{44}\ \Phi_{25}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
144988	1841	2250	$\frac{41}{450}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{409}{2250}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{750}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{50}\ \Phi_{25}\ \Phi_{1}$
144989	1841	300	$\frac{1}{10}$	$\frac{37}{300}$	$\frac{41}{300}$	$\frac{9}{50}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^6\ \Phi_{75}^6\ \Phi_{60}^6\ \Phi_{50}^7\ \Phi_{30}^6\ \Phi_{25}^7\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_{6}^6\ \Phi_{5}^6\ \Phi_{4}^6\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^7$
144990	1841	320	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{57}{320}$	$\Phi_{320}^7\ \Phi_{160}^7\ \Phi_{80}^7\ \Phi_{40}^7\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_{8}^6\ \Phi_{5}^7\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^7$
144991	1842	3060	$\frac{1}{306}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{305}{612}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}^2\ \Phi_{340}\ \Phi_{204}^2\ \Phi_{180}\ \Phi_{68}^2\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
144992	1842	612	$\frac{1}{306}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{305}{612}$	$\Phi_{612}^2\ \Phi_{306}^4\ \Phi_{204}^2\ \Phi_{153}^4\ \Phi_{102}^4\ \Phi_{68}^2\ \Phi_{51}^4\ \Phi_{36}^2\ \Phi_{34}^4\ \Phi_{18}^4\ \Phi_{17}^4\ \Phi_{12}^3\ \Phi_{9}^4\ \Phi_{6}^5\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
144993	1842	526	$\frac{1}{263}$	$\frac{44}{263}$	$\frac{219}{526}$	$\frac{131}{263}$	$\Phi_{526}^6\ \Phi_{263}\ \Phi_{2}^6\ \Phi_{1}^2$
144994	1842	1834	$\frac{4}{917}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{913}{1834}$	$\Phi_{1834}^2\ \Phi_{262}^2\ \Phi_{14}^2\ \Phi_{7}\ \Phi_{2}^2\ \Phi_{1}^2$
144995	1842	820	$\frac{1}{205}$	$\frac{1}{4}$	$\frac{103}{410}$	$\frac{102}{205}$	$\Phi_{820}^3\ \Phi_{410}\ \Phi_{205}^2\ \Phi_{164}^3\ \Phi_{82}\ \Phi_{41}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
144996	1842	1220	$\frac{2}{305}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{303}{610}$	$\Phi_{1220}^2\ \Phi_{305}^2\ \Phi_{244}^2\ \Phi_{61}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
144997	1842	1476	$\frac{1}{123}$	$\frac{62}{369}$	$\frac{1}{4}$	$\frac{61}{123}$	$\Phi_{1476}^2\ \Phi_{738}^2\ \Phi_{492}\ \Phi_{246}\ \Phi_{164}\ \Phi_{82}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{6}$
144998	1842	609	$\frac{5}{609}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{302}{609}$	$\Phi_{609}^3\ \Phi_{203}^3\ \Phi_{87}^3\ \Phi_{29}^3\ \Phi_{21}^3\ \Phi_{7}^5\ \Phi_{3}^3\ \Phi_{1}^6$
144999	1842	1232	$\frac{3}{308}$	$\frac{1}{7}$	$\frac{311}{1232}$	$\frac{305}{616}$	$\Phi_{1232}^2\ \Phi_{308}^2\ \Phi_{176}^2\ \Phi_{154}^2\ \Phi_{112}^2\ \Phi_{77}^2\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
145000	1842	4256	$\frac{3}{304}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{301}{608}$	$\Phi_{4256}\ \Phi_{224}\ \Phi_{28}\ \Phi_{14}$
145001	1842	1820	$\frac{11}{910}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{899}{1820}$	$\Phi_{1820}^2\ \Phi_{364}^2\ \Phi_{260}^2\ \Phi_{140}^2\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
145002	1842	602	$\frac{6}{301}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{295}{602}$	$\Phi_{602}^6\ \Phi_{86}^6\ \Phi_{14}^6\ \Phi_{7}^5\ \Phi_{2}^6\ \Phi_{1}^6$
145003	1842	2464	$\frac{1}{44}$	$\frac{45}{352}$	$\frac{1}{7}$	$\frac{43}{88}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{308}\ \Phi_{224}\ \Phi_{154}\ \Phi_{112}\ \Phi_{77}\ \Phi_{28}\ \Phi_{14}$
145004	1842	600	$\frac{7}{300}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{293}{600}$	$\Phi_{600}^6\ \Phi_{200}^6\ \Phi_{120}^6\ \Phi_{60}\ \Phi_{40}^6\ \Phi_{30}\ \Phi_{24}^6\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}^6\ \Phi_{6}$
145005	1842	328	$\frac{1}{41}$	$\frac{21}{328}$	$\frac{1}{4}$	$\frac{20}{41}$	$\Phi_{328}^6\ \Phi_{164}^5\ \Phi_{82}^5\ \Phi_{41}^6\ \Phi_{8}^6\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
145006	1842	1792	$\frac{25}{896}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{871}{1792}$	$\Phi_{1792}^2\ \Phi_{256}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
145007	1842	4158	$\frac{10}{297}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{287}{594}$	$\Phi_{4158}\ \Phi_{1386}\ \Phi_{462}\ \Phi_{378}\ \Phi_{154}\ \Phi_{126}\ \Phi_{77}\ \Phi_{42}\ \Phi_{14}$
145008	1842	336	$\frac{1}{28}$	$\frac{29}{336}$	$\frac{1}{7}$	$\frac{27}{56}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{84}^6\ \Phi_{48}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_{7}^5\ \Phi_{6}^6\ \Phi_{4}^6\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^6$
145009	1842	1771	$\frac{71}{1771}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{850}{1771}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{161}\ \Phi_{77}^2\ \Phi_{23}\ \Phi_{11}^2\ \Phi_{7}\ \Phi_{1}^2$
145010	1842	588	$\frac{13}{294}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{281}{588}$	$\Phi_{588}^6\ \Phi_{196}^6\ \Phi_{84}^6\ \Phi_{28}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_{7}^5\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^6$
145011	1842	1260	$\frac{8}{315}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
145012	1842	1148	$\frac{1}{41}$	$\frac{20}{287}$	$\frac{1}{4}$	$\frac{267}{574}$	$\Phi_{1148}^2\ \Phi_{287}^2\ \Phi_{164}^3\ \Phi_{82}\ \Phi_{41}^2\ \Phi_{28}^2\ \Phi_{7}^2\ \Phi_{4}^2\ \Phi_{1}^2$
145013	1842	4004	$\frac{1}{22}$	$\frac{21}{286}$	$\frac{1}{7}$	$\frac{265}{572}$	$\Phi_{4004}\ \Phi_{364}\ \Phi_{308}\ \Phi_{154}\ \Phi_{77}\ \Phi_{28}\ \Phi_{14}$
145014	1842	1694	$\frac{3}{77}$	$\frac{74}{847}$	$\frac{1}{7}$	$\frac{773}{1694}$	$\Phi_{1694}^2\ \Phi_{242}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_{7}\ \Phi_{2}^2\ \Phi_{1}^2$
145015	1842	560	$\frac{1}{28}$	$\frac{27}{280}$	$\frac{1}{7}$	$\frac{253}{560}$	$\Phi_{560}^6\ \Phi_{112}^6\ \Phi_{80}^6\ \Phi_{28}^6\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_{7}^5\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^6$
145016	1842	952	$\frac{31}{952}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{952}^2\ \Phi_{476}^2\ \Phi_{238}^2\ \Phi_{136}^2\ \Phi_{119}^2\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{28}^2\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
145017	1842	539	$\frac{2}{77}$	$\frac{75}{539}$	$\frac{1}{7}$	$\frac{232}{539}$	$\Phi_{539}^3\ \Phi_{77}^6\ \Phi_{49}^3\ \Phi_{11}^6\ \Phi_{7}^5\ \Phi_{1}^6$
145018	1842	3696	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{43}{264}$	$\frac{221}{528}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{336}\ \Phi_{308}\ \Phi_{154}\ \Phi_{112}\ \Phi_{77}\ \Phi_{28}\ \Phi_{14}$
145019	1842	526	$\frac{5}{263}$	$\frac{43}{263}$	$\frac{44}{263}$	$\frac{219}{526}$	$\Phi_{526}^6\ \Phi_{263}\ \Phi_{2}^6\ \Phi_{1}^2$
145020	1842	1540	$\frac{3}{154}$	$\frac{1}{7}$	$\frac{151}{770}$	$\frac{619}{1540}$	$\Phi_{1540}^2\ \Phi_{308}^2\ \Phi_{220}^2\ \Phi_{154}^2\ \Phi_{140}^2\ \Phi_{77}^2\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
145021	1842	1545	$\frac{2}{309}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1545}\ \Phi_{515}\ \Phi_{309}^2\ \Phi_{103}^2\ \Phi_5\ \Phi_1^2$
145022	1842	2295	$\frac{1}{153}$	$\frac{1}{5}$	$\frac{152}{459}$	$\frac{2}{5}$	$\Phi_{2295}\ \Phi_{459}^2\ \Phi_{135}\ \Phi_{27}^2\ \Phi_5\ \Phi_1^2$
145023	1842	620	$\frac{3}{310}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{620}^4\ \Phi_{310}^2\ \Phi_{155}^2\ \Phi_{124}^4\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
145024	1842	2040	$\frac{1}{102}$	$\frac{1}{5}$	$\frac{101}{408}$	$\frac{2}{5}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{408}^2\ \Phi_{340}\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{120}\ \Phi_{68}^2\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
145025	1842	1560	$\frac{5}{312}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}\ \Phi_{390}\ \Phi_{312}^2\ \Phi_{260}\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{130}\ \Phi_{120}\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{40}\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
145026	1842	1785	$\frac{1}{51}$	$\frac{50}{357}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}^2\ \Phi_{119}^2\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
145027	1842	315	$\frac{8}{315}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{315}^6\ \Phi_{105}^6\ \Phi_{63}^6\ \Phi_{45}^5\ \Phi_{35}^6\ \Phi_{21}^6\ \Phi_{15}^5\ \Phi_9^4\ \Phi_7^6\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
145028	1842	340	$\frac{1}{34}$	$\frac{33}{340}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{340}^6\ \Phi_{170}^5\ \Phi_{85}^5\ \Phi_{68}^6\ \Phi_{34}^4\ \Phi_{20}^6\ \Phi_{17}^4\ \Phi_{10}^5\ \Phi_5^6\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
145029	1842	1615	$\frac{16}{323}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1615}\ \Phi_{323}^2\ \Phi_{95}\ \Phi_{19}^2\ \Phi_5\ \Phi_1^2$
145030	1842	1620	$\frac{17}{324}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}^2\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}^2\ \Phi_{135}\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
145031	1842	492	$\frac{1}{123}$	$\frac{61}{246}$	$\frac{1}{4}$	$\frac{185}{492}$	$\Phi_{492}^3\ \Phi_{246}^5\ \Phi_{164}^3\ \Phi_{123}^4\ \Phi_{82}^5\ \Phi_{41}^4\ \Phi_{12}^3\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
145032	1842	2184	$\frac{5}{312}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{168}\ \Phi_{91}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
145033	1842	462	$\frac{1}{77}$	$\frac{1}{7}$	$\frac{76}{231}$	$\frac{155}{462}$	$\Phi_{462}^6\ \Phi_{154}^6\ \Phi_{77}^6\ \Phi_{66}^6\ \Phi_{42}^6\ \Phi_{22}^6\ \Phi_{14}^6\ \Phi_{11}^6\ \Phi_7^5\ \Phi_6^6\ \Phi_2^6\ \Phi_1^6$
145034	1842	1236	$\frac{2}{309}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1236}^2\ \Phi_{618}^2\ \Phi_{412}^2\ \Phi_{206}^2\ \Phi_{12}\ \Phi_6$
145035	1842	1836	$\frac{1}{153}$	$\frac{1}{4}$	$\frac{152}{459}$	$\frac{1}{3}$	$\Phi_{1836}^2\ \Phi_{918}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{12}\ \Phi_6$
145036	1842	408	$\frac{1}{102}$	$\frac{101}{408}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{408}^6\ \Phi_{204}^2\ \Phi_{136}^6\ \Phi_{102}^4\ \Phi_{68}^2\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{24}^6\ \Phi_{17}^4\ \Phi_{12}^3\ \Phi_8^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
145037	1842	2484	$\frac{7}{621}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{138}\ \Phi_{108}\ \Phi_{92}\ \Phi_{54}\ \Phi_{46}\ \Phi_{12}\ \Phi_6$
145038	1842	3060	$\frac{2}{153}$	$\frac{151}{765}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{180}\ \Phi_{170}\ \Phi_{90}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
145039	1842	312	$\frac{5}{312}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{312}^6\ \Phi_{156}^6\ \Phi_{104}^6\ \Phi_{78}^6\ \Phi_{52}^6\ \Phi_{39}^6\ \Phi_{26}^6\ \Phi_{24}^6\ \Phi_{13}^6\ \Phi_{12}^3\ \Phi_8^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
145040	1842	1428	$\frac{1}{51}$	$\frac{50}{357}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1428}^2\ \Phi_{714}^2\ \Phi_{476}^2\ \Phi_{238}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_6$
145041	1842	1260	$\frac{8}{315}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
145042	1842	1020	$\frac{1}{34}$	$\frac{33}{340}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^3\ \Phi_{510}^3\ \Phi_{255}^3\ \Phi_{204}\ \Phi_{102}^2\ \Phi_{60}^3\ \Phi_{51}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
145043	1842	2652	$\frac{2}{51}$	$\frac{49}{663}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{884}\ \Phi_{442}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}\ \Phi_{12}\ \Phi_6$
145044	1842	3876	$\frac{16}{323}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3876}\ \Phi_{1938}\ \Phi_{228}\ \Phi_{114}\ \Phi_{12}\ \Phi_6$
145045	1842	324	$\frac{17}{324}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{324}^6\ \Phi_{162}^6\ \Phi_{108}^6\ \Phi_{81}^6\ \Phi_{54}^6\ \Phi_{36}^2\ \Phi_{27}^6\ \Phi_{18}^4\ \Phi_{12}^3\ \Phi_9^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
145046	1842	3660	$\frac{4}{305}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{301}{915}$	$\Phi_{3660}\ \Phi_{1830}\ \Phi_{732}\ \Phi_{366}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
145047	1842	3192	$\frac{3}{152}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{149}{456}$	$\Phi_{3192}\ \Phi_{1596}\ \Phi_{798}\ \Phi_{399}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
145048	1842	2772	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{89}{396}$	$\frac{43}{132}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{308}\ \Phi_{252}\ \Phi_{154}\ \Phi_{126}\ \Phi_{77}\ \Phi_{63}\ \Phi_{28}\ \Phi_{14}$
145049	1842	355	$\frac{2}{71}$	$\frac{48}{355}$	$\frac{1}{5}$	$\frac{23}{71}$	$\Phi_{355}^5\ \Phi_{71}^6\ \Phi_5^4\ \Phi_1^6$
145050	1842	900	$\frac{7}{150}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{143}{450}$	$\Phi_{900}^4\ \Phi_{450}^2\ \Phi_{225}^2\ \Phi_{180}^4\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{36}^4\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9^2\ \Phi_6$
145051	1842	448	$\frac{25}{448}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{141}{448}$	$\Phi_{448}^4\ \Phi_{224}^4\ \Phi_{112}^4\ \Phi_{64}^4\ \Phi_{56}^4\ \Phi_{32}^4\ \Phi_{28}^6\ \Phi_{16}^4\ \Phi_{14}^6\ \Phi_8^4\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
145052	1842	336	$\frac{1}{14}$	$\frac{29}{336}$	$\frac{1}{7}$	$\frac{13}{42}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{84}^6\ \Phi_{56}^6\ \Phi_{48}^6\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
145053	1842	2310	$\frac{23}{330}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{10}{33}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{385}\ \Phi_{210}\ \Phi_{154}\ \Phi_{105}\ \Phi_{77}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{14}$
145054	1842	3444	$\frac{1}{41}$	$\frac{40}{287}$	$\frac{1}{4}$	$\frac{247}{861}$	$\Phi_{3444}\ \Phi_{1722}\ \Phi_{492}\ \Phi_{246}\ \Phi_{164}\ \Phi_{84}\ \Phi_{82}\ \Phi_{42}\ \Phi_{12}\ \Phi_{6}$
145055	1842	406	$\frac{5}{203}$	$\frac{1}{7}$	$\frac{99}{406}$	$\frac{2}{7}$	$\Phi_{406}^{6}\ \Phi_{203}^{3}\ \Phi_{58}^{6}\ \Phi_{29}^{3}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
145056	1842	315	$\frac{8}{315}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{63}^{6}\ \Phi_{45}^{6}\ \Phi_{35}^{6}\ \Phi_{21}^{3}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
145057	1842	420	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{27}{140}$	$\frac{113}{420}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{105}^{6}\ \Phi_{84}^{6}\ \Phi_{60}^{6}\ \Phi_{42}^{6}\ \Phi_{30}^{6}\ \Phi_{28}^{6}\ \Phi_{21}^{6}\ \Phi_{15}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
145058	1842	660	$\frac{1}{15}$	$\frac{23}{330}$	$\frac{7}{30}$	$\frac{1}{4}$	$\Phi_{660}^{4}\ \Phi_{330}^{2}\ \Phi_{220}^{4}\ \Phi_{165}^{2}\ \Phi_{132}^{4}\ \Phi_{110}^{2}\ \Phi_{66}^{2}\ \Phi_{60}\ \Phi_{55}^{2}\ \Phi_{44}^{4}\ \Phi_{33}^{2}\ \Phi_{30}\ \Phi_{22}^{2}\ \Phi_{20}\ \Phi_{12}\ \Phi_{11}^{2}\ \Phi_{10}\ \Phi_{6}$
145059	1842	2660	$\frac{3}{76}$	$\frac{1}{7}$	$\frac{73}{380}$	$\frac{1}{4}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{665}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
145060	1842	2240	$\frac{13}{320}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
145061	1842	2700	$\frac{1}{15}$	$\frac{61}{675}$	$\frac{14}{75}$	$\frac{1}{4}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{900}\ \Phi_{540}\ \Phi_{450}\ \Phi_{270}\ \Phi_{180}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
145062	1842	1500	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{68}{375}$	$\frac{1}{4}$	$\Phi_{1500}^{2}\ \Phi_{750}^{2}\ \Phi_{500}^{2}\ \Phi_{250}^{2}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
145063	1842	360	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{53}{360}$	$\frac{1}{4}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{6}\ \Phi_{90}^{6}\ \Phi_{72}^{6}\ \Phi_{60}\ \Phi_{45}^{6}\ \Phi_{40}^{6}\ \Phi_{36}^{6}\ \Phi_{30}\ \Phi_{24}^{6}\ \Phi_{20}\ \Phi_{18}^{6}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}^{6}\ \Phi_{8}^{6}\ \Phi_{6}$
145064	1842	2772	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{7}$	$\frac{89}{396}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{252}\ \Phi_{154}\ \Phi_{126}\ \Phi_{84}\ \Phi_{77}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}$
145065	1842	336	$\frac{29}{336}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{112}$	$\Phi_{336}^{6}\ \Phi_{168}^{6}\ \Phi_{112}^{4}\ \Phi_{84}^{6}\ \Phi_{56}^{4}\ \Phi_{48}^{6}\ \Phi_{42}^{6}\ \Phi_{28}^{6}\ \Phi_{24}^{6}\ \Phi_{21}^{6}\ \Phi_{16}^{4}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{8}^{4}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
145066	1842	392	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{7}$	$\frac{85}{392}$	$\Phi_{392}^{6}\ \Phi_{196}^{6}\ \Phi_{56}^{6}\ \Phi_{28}^{6}\ \Phi_{14}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
145067	1842	980	$\frac{59}{980}$	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{3}{14}$	$\Phi_{980}^{2}\ \Phi_{490}^{2}\ \Phi_{245}^{2}\ \Phi_{196}^{2}\ \Phi_{140}^{2}\ \Phi_{98}^{2}\ \Phi_{49}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
145068	1842	364	$\frac{11}{182}$	$\frac{1}{7}$	$\frac{57}{364}$	$\frac{3}{14}$	$\Phi_{364}^{6}\ \Phi_{182}^{4}\ \Phi_{91}^{4}\ \Phi_{52}^{6}\ \Phi_{28}^{6}\ \Phi_{26}^{4}\ \Phi_{14}^{6}\ \Phi_{13}^{4}\ \Phi_{7}^{5}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
145069	1842	1120	$\frac{3}{28}$	$\frac{25}{224}$	$\frac{1}{7}$	$\frac{199}{1120}$	$\Phi_{1120}^{2}\ \Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{160}^{2}\ \Phi_{140}^{2}\ \Phi_{80}^{2}\ \Phi_{70}^{2}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
145070	1843	2460	$\frac{2}{615}$	$\frac{617}{2460}$	$\frac{1}{3}$	$\frac{613}{1230}$	$\Phi_{2460}\ \Phi_{820}\ \Phi_{615}\ \Phi_{492}\ \Phi_{205}\ \Phi_{164}\ \Phi_{123}\ \Phi_{60}\ \Phi_{41}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
145071	1843	3672	$\frac{7}{1836}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1829}{3672}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{216}\ \Phi_{136}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
145072	1843	3672	$\frac{7}{1836}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1829}{3672}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{216}\ \Phi_{136}\ \Phi_{72}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
145073	1843	2214	$\frac{2}{369}$	$\frac{371}{2214}$	$\frac{1}{3}$	$\frac{367}{738}$	$\Phi_{2214}\ \Phi_{1107}\ \Phi_{369}\ \Phi_{123}\ \Phi_{54}\ \Phi_{41}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
145074	1843	3660	$\frac{13}{1830}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1817}{3660}$	$\Phi_{3660}\ \Phi_{1220}\ \Phi_{732}\ \Phi_{244}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
145075	1843	576	$\frac{1}{96}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{95}{192}$	$\Phi_{576}^{6}\ \Phi_{192}^{7}\ \Phi_{64}^{7}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
145076	1843	1344	$\frac{1}{96}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{95}{192}$	$\Phi_{1344}^{3}\ \Phi_{448}^{3}\ \Phi_{192}\ \Phi_{64}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
145077	1843	1728	$\frac{1}{96}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{95}{192}$	$\Phi_{1728}^{3}\ \Phi_{192}\ \Phi_{64}\ \Phi_{27}\ \Phi_{1}$
145078	1843	192	$\frac{1}{96}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{95}{192}$	$\Phi_{192}^{19}\ \Phi_{64}^{19}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
145079	1843	1968	$\frac{2}{123}$	$\frac{125}{1968}$	$\frac{1}{3}$	$\frac{121}{246}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{492}\ \Phi_{328}\ \Phi_{164}\ \Phi_{123}\ \Phi_{48}\ \Phi_{41}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
145080	1843	2112	$\frac{5}{264}$	$\frac{269}{2112}$	$\frac{1}{6}$	$\frac{259}{528}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{352}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{64}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
145081	1843	3612	$\frac{37}{1806}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1769}{3612}$	$\Phi_{3612}\ \Phi_{1204}\ \Phi_{516}\ \Phi_{172}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
145082	1843	3600	$\frac{43}{1800}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{1757}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{16}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
145083	1843	2016	$\frac{5}{168}$	$\frac{173}{2016}$	$\frac{1}{6}$	$\frac{163}{336}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
145084	1843	3564	$\frac{61}{1782}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1721}{3564}$	$\Phi_{3564}\ \Phi_{1188}\ \Phi_{396}\ \Phi_{324}\ \Phi_{132}\ \Phi_{108}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
145085	1843	1890	$\frac{47}{1890}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{54}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
145086	1843	3528	$\frac{79}{1764}$	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1685}{3528}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{392}\ \Phi_{168}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
145087	1843	396	$\frac{2}{99}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{396}^{9}\ \Phi_{132}^{9}\ \Phi_{99}\ \Phi_{44}^{9}\ \Phi_{36}^{7}\ \Phi_{33}\ \Phi_{12}^{7}\ \Phi_{11}\ \Phi_{9}\ \Phi_{4}^{7}\ \Phi_{1}$
145088	1843	144	$\frac{1}{48}$	$\frac{1}{18}$	$\frac{47}{144}$	$\frac{17}{36}$	$\Phi_{144}^{13}\ \Phi_{72}^{13}\ \Phi_{48}^{12}\ \Phi_{36}^{14}\ \Phi_{24}^{12}\ \Phi_{18}^{13}\ \Phi_{16}^{12}\ \Phi_{12}^{13}\ \Phi_{9}^{13}\ \Phi_{8}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{13}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
145089	1843	900	$\frac{3}{100}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}^{2}\ \Phi_{225}^{2}\ \Phi_{180}^{2}\ \Phi_{150}^{2}\ \Phi_{100}^{3}\ \Phi_{90}^{2}\ \Phi_{75}^{2}\ \Phi_{60}^{2}\ \Phi_{50}^{3}\ \Phi_{45}^{2}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
145090	1843	1152	$\frac{1}{32}$	$\frac{1}{18}$	$\frac{31}{128}$	$\frac{17}{36}$	$\Phi_{1152}^{2}\ \Phi_{576}^{2}\ \Phi_{384}^{2}\ \Phi_{192}^{2}\ \Phi_{128}^{3}\ \Phi_{64}^{3}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
145091	1843	360	$\frac{1}{24}$	$\frac{1}{18}$	$\frac{23}{120}$	$\frac{17}{36}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{7}\ \Phi_{90}^{6}\ \Phi_{60}^{7}\ \Phi_{45}^{6}\ \Phi_{40}^{7}\ \Phi_{36}\ \Phi_{30}^{7}\ \Phi_{20}^{7}\ \Phi_{15}^{7}\ \Phi_{12}\ \Phi_{10}^{7}\ \Phi_{5}^{7}\ \Phi_{4}\ \Phi_{1}$
145092	1843	612	$\frac{5}{102}$	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{612}^{6}\ \Phi_{204}^{6}\ \Phi_{102}\ \Phi_{68}^{6}\ \Phi_{51}\ \Phi_{36}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
145093	1843	1008	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{17}{36}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{252}^{2}\ \Phi_{168}^{2}\ \Phi_{126}^{2}\ \Phi_{112}^{3}\ \Phi_{84}^{2}\ \Phi_{63}^{2}\ \Phi_{56}^{3}\ \Phi_{42}^{2}\ \Phi_{36}\ \Phi_{28}^{3}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{12}\ \Phi_{7}^{3}\ \Phi_{4}\ \Phi_{1}$
145094	1843	936	$\frac{1}{18}$	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{17}{36}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{312}^{2}\ \Phi_{234}^{2}\ \Phi_{156}^{2}\ \Phi_{117}^{2}\ \Phi_{104}^{3}\ \Phi_{78}^{2}\ \Phi_{52}^{3}\ \Phi_{39}^{2}\ \Phi_{36}\ \Phi_{26}^{3}\ \Phi_{13}^{3}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
145095	1843	108	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{17}{36}$	$\Phi_{108}^{19}\ \Phi_{54}^{19}\ \Phi_{36}^{14}\ \Phi_{27}^{19}\ \Phi_{18}^{13}\ \Phi_{12}^{13}\ \Phi_{9}^{13}\ \Phi_{6}^{12}\ \Phi_{4}^{13}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
145096	1843	1820	$\frac{1}{20}$	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{85}{182}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{140}^{2}\ \Phi_{130}\ \Phi_{91}\ \Phi_{70}^{2}\ \Phi_{65}\ \Phi_{52}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{20}\ \Phi_{14}\ \Phi_{13}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
145097	1843	3444	$\frac{2}{123}$	$\frac{121}{1722}$	$\frac{1}{3}$	$\frac{1601}{3444}$	$\Phi_{3444}\ \Phi_{1148}\ \Phi_{492}\ \Phi_{164}\ \Phi_{123}\ \Phi_{84}\ \Phi_{41}\ \Phi_{28}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
145098	1843	560	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{15}{112}$	$\frac{13}{28}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{140}^{2}\ \Phi_{112}^{3}\ \Phi_{80}^{4}\ \Phi_{70}^{2}\ \Phi_{56}^{3}\ \Phi_{40}^{4}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{20}\ \Phi_{16}^{3}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
145099	1843	3432	$\frac{5}{132}$	$\frac{127}{1716}$	$\frac{1}{6}$	$\frac{1589}{3432}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{264}\ \Phi_{132}\ \Phi_{104}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
145100	1843	3360	$\frac{5}{168}$	$\frac{163}{1680}$	$\frac{1}{6}$	$\frac{1517}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{168}\ \Phi_{160}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
145101	1843	1860	$\frac{17}{1860}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{465}\ \Phi_{372}\ \Phi_{310}\ \Phi_{186}\ \Phi_{155}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}\ \Phi_{60}\ \Phi_{31}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
145102	1843	840	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{71}{168}$	$\Phi_{840}^{4}\ \Phi_{280}^{4}\ \Phi_{168}^{3}\ \Phi_{140}^{2}\ \Phi_{120}^{4}\ \Phi_{70}^{2}\ \Phi_{56}^{3}\ \Phi_{40}^{4}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{3}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
145103	1843	3168	$\frac{5}{264}$	$\frac{259}{1584}$	$\frac{1}{6}$	$\frac{1325}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{352}\ \Phi_{288}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
145104	1843	2448	$\frac{7}{612}$	$\frac{1}{6}$	$\frac{605}{2448}$	$\frac{5}{12}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{144}\ \Phi_{136}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
145105	1843	1872	$\frac{29}{1872}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
145106	1843	2040	$\frac{7}{204}$	$\frac{197}{2040}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
145107	1843	1944	$\frac{101}{1944}$	$\frac{7}{108}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
145108	1843	1568	$\frac{1}{98}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1568}^{2}\ \Phi_{224}^{2}\ \Phi_{196}^{2}\ \Phi_{98}\ \Phi_{49}\ \Phi_{32}\ \Phi_{28}^{2}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
145109	1843	1872	$\frac{29}{1872}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{24}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
145110	1843	1854	$\frac{11}{1854}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1854}\ \Phi_{927}\ \Phi_{618}\ \Phi_{309}\ \Phi_{206}\ \Phi_{103}\ \Phi_{9}\ \Phi_{1}$
145111	1843	2952	$\frac{2}{369}$	$\frac{367}{1476}$	$\frac{1}{3}$	$\frac{1109}{2952}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{369}\ \Phi_{328}\ \Phi_{123}\ \Phi_{72}\ \Phi_{41}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
145112	1843	1176	$\frac{1}{98}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1176}^{2}\ \Phi_{588}^{2}\ \Phi_{294}^{2}\ \Phi_{196}^{2}\ \Phi_{168}^{2}\ \Phi_{147}^{2}\ \Phi_{98}\ \Phi_{84}^{2}\ \Phi_{49}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
145113	1843	1470	$\frac{1}{98}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}^{2}\ \Phi_{294}\ \Phi_{245}^{2}\ \Phi_{210}\ \Phi_{147}\ \Phi_{105}\ \Phi_{98}\ \Phi_{70}^{2}\ \Phi_{49}\ \Phi_{42}\ \Phi_{35}^{2}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
145114	1843	2772	$\frac{5}{462}$	$\frac{1}{6}$	$\frac{457}{1386}$	$\frac{929}{2772}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{462}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{36}\ \Phi_{33}\ \Phi_{28}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{11}\ \Phi_7\ \Phi_4\ \Phi_1$
145115	1843	693	$\frac{2}{99}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{693}^3\ \Phi_{231}^3\ \Phi_{99}\ \Phi_{77}^3\ \Phi_{63}^3\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}\ \Phi_9\ \Phi_7\ \Phi_1$
145116	1843	2754	$\frac{7}{918}$	$\frac{2}{9}$	$\frac{911}{2754}$	$\frac{1}{3}$	$\Phi_{2754}\ \Phi_{1377}\ \Phi_{162}\ \Phi_{81}\ \Phi_9\ \Phi_1$
145117	1843	2745	$\frac{13}{915}$	$\frac{2}{15}$	$\frac{902}{2745}$	$\frac{1}{3}$	$\Phi_{2745}\ \Phi_{549}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
145118	1843	1008	$\frac{1}{48}$	$\frac{2}{21}$	$\frac{47}{144}$	$\frac{1}{3}$	$\Phi_{1008}^3\ \Phi_{504}^3\ \Phi_{252}^3\ \Phi_{144}\ \Phi_{126}^3\ \Phi_{72}\ \Phi_{63}^3\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_1$
145119	1843	2700	$\frac{2}{45}$	$\frac{43}{900}$	$\frac{857}{2700}$	$\frac{1}{3}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{54}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
145120	1843	297	$\frac{2}{99}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{297}^9\ \Phi_{99}\ \Phi_{33}\ \Phi_{27}^7\ \Phi_{11}\ \Phi_9\ \Phi_1$
145121	1843	2583	$\frac{2}{123}$	$\frac{121}{861}$	$\frac{740}{2583}$	$\frac{1}{3}$	$\Phi_{2583}\ \Phi_{369}\ \Phi_{123}\ \Phi_{63}\ \Phi_{41}\ \Phi_9\ \Phi_1$
145122	1843	1863	$\frac{20}{1863}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1863}\ \Phi_{621}\ \Phi_{207}\ \Phi_{81}\ \Phi_{69}\ \Phi_{23}\ \Phi_9\ \Phi_1$
145123	1843	2100	$\frac{3}{100}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}\ \Phi_{20}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
145124	1843	2448	$\frac{7}{612}$	$\frac{2}{9}$	$\frac{605}{2448}$	$\frac{1}{3}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{144}\ \Phi_{136}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
145125	1843	2688	$\frac{1}{32}$	$\frac{2}{21}$	$\frac{31}{128}$	$\frac{1}{3}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{896}\ \Phi_{448}\ \Phi_{128}\ \Phi_{64}\ \Phi_{21}\ \Phi_7\ \Phi_1$
145126	1843	1980	$\frac{2}{45}$	$\frac{137}{1980}$	$\frac{43}{180}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_9\ \Phi_5\ \Phi_1$
145127	1843	2295	$\frac{7}{459}$	$\frac{452}{2295}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2295}\ \Phi_{765}\ \Phi_{255}\ \Phi_{135}\ \Phi_{85}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
145128	1843	1872	$\frac{29}{1872}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_9\ \Phi_8\ \Phi_1$
145129	1843	2142	$\frac{7}{306}$	$\frac{299}{2142}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{126}\ \Phi_{119}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
145130	1843	1890	$\frac{47}{1890}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_1$
145131	1843	1989	$\frac{7}{153}$	$\frac{146}{1989}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1989}\ \Phi_{663}\ \Phi_{221}\ \Phi_{117}\ \Phi_{39}\ \Phi_{13}\ \Phi_9\ \Phi_1$
145132	1843	1944	$\frac{101}{1944}$	$\frac{7}{108}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
145133	1843	792	$\frac{2}{99}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{792}^3\ \Phi_{396}^3\ \Phi_{264}^3\ \Phi_{132}^3\ \Phi_{99}\ \Phi_{88}^3\ \Phi_{72}^3\ \Phi_{44}^3\ \Phi_{36}^3\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
145134	1843	840	$\frac{1}{24}$	$\frac{2}{21}$	$\frac{23}{120}$	$\frac{1}{3}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{280}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{120}\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{60}\ \Phi_{40}\ \Phi_{35}^3\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
145135	1843	2025	$\frac{2}{45}$	$\frac{182}{2025}$	$\frac{43}{225}$	$\frac{1}{3}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{405}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
145136	1843	2250	$\frac{2}{45}$	$\frac{43}{450}$	$\frac{407}{2250}$	$\frac{1}{3}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{750}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
145137	1843	714	$\frac{5}{102}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{714}^3\ \Phi_{357}^3\ \Phi_{238}^3\ \Phi_{119}^3\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}\ \Phi_{21}\ \Phi_{17}\ \Phi_7\ \Phi_1$
145138	1843	2160	$\frac{2}{45}$	$\frac{43}{360}$	$\frac{317}{2160}$	$\frac{1}{3}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{45}\ \Phi_{27}\ \Phi_{16}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
145139	1843	336	$\frac{1}{16}$	$\frac{2}{21}$	$\frac{15}{112}$	$\frac{1}{3}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^6\ \Phi_{84}^5\ \Phi_{56}^6\ \Phi_{48}^6\ \Phi_{42}^5\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_8^6\ \Phi_7^7\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
145140	1843	2184	$\frac{7}{104}$	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{104}\ \Phi_{91}\ \Phi_{52}\ \Phi_{26}\ \Phi_{21}\ \Phi_{13}\ \Phi_7\ \Phi_1$
145141	1843	756	$\frac{1}{12}$	$\frac{2}{21}$	$\frac{11}{108}$	$\frac{1}{3}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{252}^3\ \Phi_{189}^3\ \Phi_{126}^3\ \Phi_{108}\ \Phi_{63}^3\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_1$
145142	1843	2376	$\frac{5}{264}$	$\frac{1}{6}$	$\frac{533}{2376}$	$\frac{259}{792}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{297}\ \Phi_{264}\ \Phi_{216}\ \Phi_{132}\ \Phi_{108}\ \Phi_{88}\ \Phi_{66}\ \Phi_{54}\ \Phi_{44}\ \Phi_{33}\ \Phi_{27}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
145143	1843	432	$\frac{1}{48}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{47}{144}$	$\Phi_{432}^6\ \Phi_{216}^6\ \Phi_{144}\ \Phi_{108}^6\ \Phi_{72}\ \Phi_{54}^6\ \Phi_{36}\ \Phi_{27}^7\ \Phi_{18}\ \Phi_9\ \Phi_1$
145144	1843	144	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{47}{144}$	$\Phi_{144}^{19}\ \Phi_{72}^{19}\ \Phi_{36}^{19}\ \Phi_{24}\ \Phi_{18}^{19}\ \Phi_{12}\ \Phi_9^{19}\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
145145	1843	2016	$\frac{5}{84}$	$\frac{173}{2016}$	$\frac{1}{6}$	$\frac{79}{252}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
145146	1843	1260	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{29}{126}$	$\frac{13}{42}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{126}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{18}\ \Phi_{14}\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
145147	1843	1980	$\frac{137}{1980}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{198}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{90}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
145148	1843	2700	$\frac{3}{100}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{100}\ \Phi_{50}\ \Phi_{27}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
145149	1843	3456	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{31}{128}$	$\frac{8}{27}$	$\Phi_{3456}\ \Phi_{1728}\ \Phi_{128}\ \Phi_{64}\ \Phi_{27}\ \Phi_1$
145150	1843	1080	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{23}{120}$	$\frac{8}{27}$	$\Phi_{1080}^3\ \Phi_{540}^3\ \Phi_{270}^3\ \Phi_{135}^3\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
145151	1843	918	$\frac{5}{102}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{918}^3\ \Phi_{459}^3\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}\ \Phi_{27}\ \Phi_{17}\ \Phi_1$
145152	1843	3024	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{15}{112}$	$\frac{8}{27}$	$\Phi_{3024}\ \Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{27}\ \Phi_{14}\ \Phi_7\ \Phi_1$
145153	1843	2808	$\frac{7}{104}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{27}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{104}\ \Phi_{52}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
145154	1843	108	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{108}^{16}\ \Phi_{54}^{16}\ \Phi_{36}^{19}\ \Phi_{27}^{17}\ \Phi_{18}^{19}\ \Phi_{12}^{18}\ \Phi_9^{19}\ \Phi_6^{18}\ \Phi_4^{18}\ \Phi_3^{18}\ \Phi_2^{18}\ \Phi_1^{19}$
145155	1843	2520	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{163}{840}$	$\frac{677}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
145156	1843	600	$\frac{3}{100}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{600}^4\ \Phi_{300}^2\ \Phi_{200}^4\ \Phi_{150}^2\ \Phi_{120}^4\ \Phi_{100}^3\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^3\ \Phi_{40}^4\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{24}\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_8\ \Phi_5^3\ \Phi_4\ \Phi_1$
145157	1843	384	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{31}{128}$	$\Phi_{384}^6\ \Phi_{192}^6\ \Phi_{128}^7\ \Phi_{64}^7\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
145158	1843	2376	$\frac{5}{66}$	$\frac{61}{594}$	$\frac{1}{6}$	$\frac{533}{2376}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{216}\ \Phi_{132}\ \Phi_{108}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
145159	1843	2352	$\frac{5}{84}$	$\frac{79}{588}$	$\frac{1}{6}$	$\frac{509}{2352}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{784}\ \Phi_{392}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
145160	1843	1920	$\frac{77}{1920}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
145161	1843	120	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{23}{120}$	$\frac{5}{24}$	$\Phi_{120}^{19}\ \Phi_{60}^{19}\ \Phi_{40}^{19}\ \Phi_{30}^{19}\ \Phi_{24}\ \Phi_{20}^{19}\ \Phi_{15}^{19}\ \Phi_{12}\ \Phi_{10}^{19}\ \Phi_8\ \Phi_5^{19}\ \Phi_4\ \Phi_1$
145162	1843	408	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{408}^6\ \Phi_{204}^6\ \Phi_{136}^6\ \Phi_{102}\ \Phi_{68}^6\ \Phi_{51}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
145163	1843	336	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^7\ \Phi_{84}^6\ \Phi_{56}^7\ \Phi_{42}^6\ \Phi_{28}^7\ \Phi_{24}\ \Phi_{21}^6\ \Phi_{14}^7\ \Phi_{12}\ \Phi_8\ \Phi_7^7\ \Phi_4\ \Phi_1$
145164	1843	312	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{312}^6\ \Phi_{156}^6\ \Phi_{104}^7\ \Phi_{78}^6\ \Phi_{52}^7\ \Phi_{39}^6\ \Phi_{26}^7\ \Phi_{24}\ \Phi_{13}^7\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
145165	1843	216	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{216}^{12}\ \Phi_{108}^7\ \Phi_{72}^{12}\ \Phi_{54}^7\ \Phi_{36}^7\ \Phi_{27}^7\ \Phi_{24}\ \Phi_{18}^7\ \Phi_{12}\ \Phi_9^7\ \Phi_8\ \Phi_4\ \Phi_1$
145166	1844	2760	$\frac{1}{460}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{459}{920}$	$\Phi_{2760}\ \Phi_{920}^2\ \Phi_{552}\ \Phi_{184}^2\ \Phi_{120}\ \Phi_{40}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
145167	1844	4590	$\frac{2}{459}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{457}{918}$	$\Phi_{4590}\ \Phi_{1530}\ \Phi_{510}\ \Phi_{270}\ \Phi_{170}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
145168	1844	3080	$\frac{1}{154}$	$\frac{1}{5}$	$\frac{155}{616}$	$\frac{153}{308}$	$\Phi_{3080}\ \Phi_{770}\ \Phi_{440}\ \Phi_{385}\ \Phi_{280}\ \Phi_{110}\ \Phi_{70}\ \Phi_{55}\ \Phi_{40}\ \Phi_{35}\ \Phi_{10}$
145169	1844	873	$\frac{1}{97}$	$\frac{49}{873}$	$\frac{412}{873}$	$\frac{48}{97}$	$\Phi_{873}^2\ \Phi_{291}^2\ \Phi_{97}^3\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
145170	1844	582	$\frac{1}{97}$	$\frac{49}{291}$	$\frac{121}{582}$	$\frac{48}{97}$	$\Phi_{582}^4\ \Phi_{291}^2\ \Phi_{194}^4\ \Phi_{97}^3\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
145171	1844	912	$\frac{5}{456}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{451}{912}$	$\Phi_{912}^4\ \Phi_{304}^4\ \Phi_{48}^4\ \Phi_{19}\ \Phi_{16}^4\ \Phi_1^2$
145172	1844	912	$\frac{5}{456}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{451}{912}$	$\Phi_{912}^4\ \Phi_{304}^4\ \Phi_{48}^4\ \Phi_{19}\ \Phi_{16}^4\ \Phi_1^2$
145173	1844	4560	$\frac{5}{456}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{451}{912}$	$\Phi_{4560}\ \Phi_{1520}\ \Phi_{240}\ \Phi_{80}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
145174	1844	2730	$\frac{6}{455}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{449}{910}$	$\Phi_{2730}^2\ \Phi_{546}^2\ \Phi_{390}^2\ \Phi_{210}^2\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_6^2$
145175	1844	910	$\frac{6}{455}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{449}{910}$	$\Phi_{910}^4\ \Phi_{182}^4\ \Phi_{130}^4\ \Phi_{70}^4\ \Phi_{35}\ \Phi_{26}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_2^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
145176	1844	1491	$\frac{1}{71}$	$\frac{36}{497}$	$\frac{1}{3}$	$\frac{35}{71}$	$\Phi_{1491}^2\ \Phi_{213}\ \Phi_{21}^2$
145177	1844	2640	$\frac{1}{66}$	$\frac{67}{528}$	$\frac{1}{5}$	$\frac{65}{132}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{880}\ \Phi_{440}\ \Phi_{330}\ \Phi_{240}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{80}\ \Phi_{55}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
145178	1844	4510	$\frac{10}{451}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{441}{902}$	$\Phi_{4510}\ \Phi_{410}\ \Phi_{110}\ \Phi_{55}\ \Phi_{10}$
145179	1844	2520	$\frac{1}{42}$	$\frac{43}{504}$	$\frac{1}{5}$	$\frac{41}{84}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{210}\ \Phi_{180}\ \Phi_{120}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
145180	1844	4480	$\frac{13}{448}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{435}{896}$	$\Phi_{4480}\ \Phi_{640}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
145181	1844	4410	$\frac{20}{441}$	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{421}{882}$	$\Phi_{4410}\ \Phi_{1470}\ \Phi_{630}\ \Phi_{490}\ \Phi_{210}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
145182	1844	2420	$\frac{1}{22}$	$\frac{23}{484}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{2420}\ \Phi_{1210}\ \Phi_{605}\ \Phi_{110}\ \Phi_{55}\ \Phi_{10}$
145183	1844	880	$\frac{1}{22}$	$\frac{21}{440}$	$\frac{1}{5}$	$\frac{419}{880}$	$\Phi_{880}^4\ \Phi_{176}^4\ \Phi_{110}\ \Phi_{80}^4\ \Phi_{55}\ \Phi_{16}^4\ \Phi_{10}$
145184	1844	684	$\frac{5}{228}$	$\frac{1}{19}$	$\frac{223}{684}$	$\frac{9}{19}$	$\Phi_{684}^4\ \Phi_{342}^4\ \Phi_{171}^4\ \Phi_{36}^4\ \Phi_{19}\ \Phi_{18}^4\ \Phi_9^4\ \Phi_1^2$
145185	1844	475	$\frac{14}{475}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{475}^4\ \Phi_{95}^4\ \Phi_{25}^4\ \Phi_{19}\ \Phi_5^4\ \Phi_1^2$
145186	1844	608	$\frac{5}{152}$	$\frac{1}{19}$	$\frac{147}{608}$	$\frac{9}{19}$	$\Phi_{608}^4\ \Phi_{304}^4\ \Phi_{32}^4\ \Phi_{19}\ \Phi_{16}^4\ \Phi_1^2$
145187	1844	570	$\frac{5}{114}$	$\frac{1}{19}$	$\frac{109}{570}$	$\frac{9}{19}$	$\Phi_{570}^4\ \Phi_{285}^4\ \Phi_{190}^4\ \Phi_{95}^4\ \Phi_{30}^4\ \Phi_{19}\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_1^2$
145188	1844	969	$\frac{47}{969}$	$\frac{1}{19}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{969}^2\ \Phi_{323}^2\ \Phi_{51}^2\ \Phi_{19}\ \Phi_{17}^2\ \Phi_1^2$
145189	1844	532	$\frac{1}{19}$	$\frac{5}{76}$	$\frac{71}{532}$	$\frac{9}{19}$	$\Phi_{532}^4\ \Phi_{266}^4\ \Phi_{133}^4\ \Phi_{28}^4\ \Phi_{19}\ \Phi_{14}^4\ \Phi_7^4\ \Phi_1^2$
145190	1844	494	$\frac{1}{19}$	$\frac{33}{494}$	$\frac{5}{38}$	$\frac{9}{19}$	$\Phi_{494}^4\ \Phi_{247}^4\ \Phi_{26}^4\ \Phi_{19}\ \Phi_{13}^4\ \Phi_1^2$
145191	1844	513	$\frac{1}{19}$	$\frac{5}{57}$	$\frac{52}{513}$	$\frac{9}{19}$	$\Phi_{513}^4\ \Phi_{171}^4\ \Phi_{27}^4\ \Phi_{19}\ \Phi_9^4\ \Phi_1^2$
145192	1844	1729	$\frac{1}{19}$	$\frac{115}{1729}$	$\frac{18}{133}$	$\frac{807}{1729}$	$\Phi_{1729}\ \Phi_{247}\ \Phi_{133}^2\ \Phi_{91}\ \Phi_{19}\ \Phi_{13}\ \Phi_7^2\ \Phi_1^2$
145193	1844	532	$\frac{1}{19}$	$\frac{9}{133}$	$\frac{71}{532}$	$\frac{62}{133}$	$\Phi_{532}^4\ \Phi_{266}^4\ \Phi_{133}^2\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{28}^4\ \Phi_{19}\ \Phi_{14}^4\ \Phi_7^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
145194	1844	2380	$\frac{15}{476}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{595}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
145195	1844	4290	$\frac{1}{33}$	$\frac{32}{429}$	$\frac{1}{5}$	$\frac{397}{858}$	$\Phi_{4290}\ \Phi_{1430}\ \Phi_{390}\ \Phi_{330}\ \Phi_{165}\ \Phi_{130}\ \Phi_{110}\ \Phi_{55}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
145196	1844	468	$\frac{7}{468}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^4\ \Phi_{117}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^3\ \Phi_{36}^4\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
145197	1844	852	$\frac{1}{71}$	$\frac{35}{426}$	$\frac{1}{3}$	$\frac{391}{852}$	$\Phi_{852}^4\ \Phi_{284}^4\ \Phi_{213}\ \Phi_{12}^4\ \Phi_4^4$
145198	1844	840	$\frac{1}{42}$	$\frac{41}{420}$	$\frac{1}{5}$	$\frac{379}{840}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{210}\ \Phi_{168}^4\ \Phi_{120}^4\ \Phi_{105}\ \Phi_{70}\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}^4\ \Phi_{15}\ \Phi_{10}\ \Phi_8^4$
145199	1844	798	$\frac{1}{19}$	$\frac{9}{133}$	$\frac{62}{399}$	$\frac{337}{798}$	$\Phi_{798}^4\ \Phi_{266}^4\ \Phi_{133}^2\ \Phi_{114}^4\ \Phi_{42}^4\ \Phi_{38}^4\ \Phi_{19}\ \Phi_{14}^4\ \Phi_7^2\ \Phi_6^4\ \Phi_2^4\ \Phi_1^2$
145200	1844	3960	$\frac{1}{66}$	$\frac{65}{396}$	$\frac{1}{5}$	$\frac{331}{792}$	$\Phi_{3960}\ \Phi_{1320}\ \Phi_{440}\ \Phi_{360}\ \Phi_{330}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
145201	1844	2340	$\frac{7}{468}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{130}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
145202	1844	776	$\frac{1}{97}$	$\frac{73}{388}$	$\frac{24}{97}$	$\frac{315}{776}$	$\Phi_{776}^4\ \Phi_{97}^3\ \Phi_8^4\ \Phi_1^4$
145203	1844	770	$\frac{1}{77}$	$\frac{76}{385}$	$\frac{1}{5}$	$\frac{309}{770}$	$\Phi_{770}^4\ \Phi_{385}\ \Phi_{154}^4\ \Phi_{110}^4\ \Phi_{70}^4\ \Phi_{55}\ \Phi_{35}\ \Phi_{22}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_2^4$
145204	1844	582	$\frac{1}{97}$	$\frac{121}{582}$	$\frac{24}{97}$	$\frac{73}{194}$	$\Phi_{582}^4\ \Phi_{291}^4\ \Phi_{97}^3\ \Phi_6^4\ \Phi_3^4\ \Phi_1^4$
145205	1844	1455	$\frac{1}{97}$	$\frac{96}{485}$	$\frac{389}{1455}$	$\frac{533}{1455}$	$\Phi_{1455}\ \Phi_{485}^2\ \Phi_{291}\ \Phi_{97}\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
145206	1844	690	$\frac{1}{230}$	$\frac{229}{690}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{690}^3\ \Phi_{345}^3\ \Phi_{230}^2\ \Phi_{138}^3\ \Phi_{115}^2\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{30}^3\ \Phi_{23}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
145207	1844	1392	$\frac{3}{464}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}^2\ \Phi_{348}\ \Phi_{232}^2\ \Phi_{174}\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{48}\ \Phi_{29}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
145208	1844	465	$\frac{4}{465}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{465}^4\ \Phi_{155}^4\ \Phi_{93}^4\ \Phi_{31}^4\ \Phi_{15}^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
145209	1844	1725	$\frac{1}{115}$	$\frac{114}{575}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1725}\ \Phi_{575}^2\ \Phi_{75}\ \Phi_{25}^2\ \Phi_3\ \Phi_1^2$
145210	1844	552	$\frac{1}{92}$	$\frac{91}{552}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{552}^4\ \Phi_{276}^3\ \Phi_{184}^4\ \Phi_{138}^3\ \Phi_{92}^2\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{24}^4\ \Phi_{23}^2\ \Phi_{12}^3\ \Phi_8^4\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
145211	1844	1410	$\frac{9}{470}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{470}^2\ \Phi_{282}\ \Phi_{235}^2\ \Phi_{141}\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_3\ \Phi_1^2$
145212	1844	1518	$\frac{1}{46}$	$\frac{45}{506}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}^2\ \Phi_{253}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
145213	1844	480	$\frac{19}{480}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^2\ \Phi_{16}^4\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^4\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
145214	1844	483	$\frac{1}{23}$	$\frac{22}{483}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{483}^4\ \Phi_{161}^4\ \Phi_{69}^3\ \Phi_{23}^2\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3^4\ \Phi_1^4$
145215	1844	1065	$\frac{1}{71}$	$\frac{143}{1065}$	$\frac{70}{213}$	$\frac{1}{3}$	$\Phi_{1065}^2\ \Phi_{355}^2\ \Phi_{213}\ \Phi_{15}^2\ \Phi_5^2$
145216	1844	1365	$\frac{12}{455}$	$\frac{1}{13}$	$\frac{443}{1365}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}^2\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{13}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
145217	1844	639	$\frac{1}{71}$	$\frac{35}{213}$	$\frac{178}{639}$	$\frac{1}{3}$	$\Phi_{639}^4\ \Phi_{213}\ \Phi_9^4$
145218	1844	3060	$\frac{2}{153}$	$\frac{1}{5}$	$\frac{151}{612}$	$\frac{1}{3}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{180}\ \Phi_{170}\ \Phi_{90}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
145219	1844	1704	$\frac{1}{71}$	$\frac{107}{568}$	$\frac{35}{142}$	$\frac{1}{3}$	$\Phi_{1704}^2\ \Phi_{852}^2\ \Phi_{213}\ \Phi_{24}^2\ \Phi_{12}^2$
145220	1844	2340	$\frac{7}{468}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{130}\ \Phi_{90}\ \Phi_{65}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
145221	1844	510	$\frac{2}{51}$	$\frac{49}{510}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{510}^4\ \Phi_{255}^3\ \Phi_{170}^4\ \Phi_{102}^4\ \Phi_{85}^3\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{30}^4\ \Phi_{17}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
145222	1844	2430	$\frac{25}{486}$	$\frac{2}{27}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
145223	1844	975	$\frac{53}{975}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{195}\ \Phi_{75}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
145224	1844	546	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{85}{546}$	$\frac{1}{3}$	$\Phi_{546}^4\ \Phi_{273}^2\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{78}^4\ \Phi_{42}^4\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_{13}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
145225	1844	3003	$\frac{1}{13}$	$\frac{79}{1001}$	$\frac{12}{91}$	$\frac{1}{3}$	$\Phi_{3003}\ \Phi_{429}\ \Phi_{231}\ \Phi_{39}\ \Phi_{33}$
145226	1844	1560	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{59}{520}$	$\frac{1}{3}$	$\Phi_{1560}^2\ \Phi_{780}^2\ \Phi_{390}^2\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{120}^2\ \Phi_{78}^2\ \Phi_{60}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
145227	1844	2970	$\frac{1}{66}$	$\frac{1}{5}$	$\frac{133}{594}$	$\frac{65}{198}$	$\Phi_{2970}\ \Phi_{1485}\ \Phi_{330}\ \Phi_{270}\ \Phi_{165}\ \Phi_{135}\ \Phi_{110}\ \Phi_{55}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
145228	1844	684	$\frac{5}{228}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{223}{684}$	$\Phi_{684}^4\ \Phi_{342}^4\ \Phi_{171}^4\ \Phi_{36}^4\ \Phi_{19}\ \Phi_{18}^4\ \Phi_9^4\ \Phi_1^2$
145229	1844	3420	$\frac{5}{228}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{223}{684}$	$\Phi_{3420}\ \Phi_{1710}\ \Phi_{855}\ \Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
145230	1844	2520	$\frac{1}{21}$	$\frac{43}{504}$	$\frac{1}{5}$	$\frac{20}{63}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
145231	1844	3360	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{211}{672}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{480}\ \Phi_{420}\ \Phi_{240}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
145232	1844	1197	$\frac{1}{19}$	$\frac{9}{133}$	$\frac{275}{1197}$	$\frac{124}{399}$	$\Phi_{1197}^2\ \Phi_{171}^2\ \Phi_{133}^2\ \Phi_{63}^2\ \Phi_{19}\ \Phi_9^2\ \Phi_7^2\ \Phi_1^2$
145233	1844	660	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{1}{5}$	$\frac{199}{660}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{165}^4\ \Phi_{132}^4\ \Phi_{110}\ \Phi_{66}^4\ \Phi_{60}^4\ \Phi_{55}\ \Phi_{33}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^4\ \Phi_3^4$
145234	1844	630	$\frac{1}{42}$	$\frac{41}{210}$	$\frac{1}{5}$	$\frac{169}{630}$	$\Phi_{630}^4\ \Phi_{315}^4\ \Phi_{210}\ \Phi_{126}^4\ \Phi_{105}\ \Phi_{90}^4\ \Phi_{70}\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{35}\ \Phi_{30}\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}\ \Phi_9^4$
145235	1844	475	$\frac{14}{475}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{475}^4\ \Phi_{95}^4\ \Phi_{25}^4\ \Phi_{19}\ \Phi_5^4\ \Phi_1^2$
145236	1844	485	$\frac{24}{485}$	$\frac{9}{97}$	$\frac{22}{97}$	$\frac{25}{97}$	$\Phi_{485}^4\ \Phi_{97}^3\ \Phi_5^4\ \Phi_1^4$
145237	1844	608	$\frac{5}{152}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{147}{608}$	$\Phi_{608}^4\ \Phi_{304}^4\ \Phi_{32}^4\ \Phi_{19}\ \Phi_{16}^4\ \Phi_1^2$
145238	1844	2640	$\frac{1}{22}$	$\frac{67}{528}$	$\frac{1}{5}$	$\frac{21}{88}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{880}\ \Phi_{660}\ \Phi_{330}\ \Phi_{240}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{80}\ \Phi_{60}\ \Phi_{55}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
145239	1844	2520	$\frac{1}{14}$	$\frac{43}{504}$	$\frac{1}{5}$	$\frac{13}{56}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{360}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{120}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
145240	1844	2940	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{1}{5}$	$\frac{127}{588}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{980}\ \Phi_{490}\ \Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
145241	1844	570	$\frac{5}{114}$	$\frac{3}{19}$	$\frac{109}{570}$	$\frac{4}{19}$	$\Phi_{570}^4\ \Phi_{285}^4\ \Phi_{190}^4\ \Phi_{95}^4\ \Phi_{30}^4\ \Phi_{19}\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_1^2$
145242	1844	532	$\frac{5}{76}$	$\frac{71}{532}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{532}^4\ \Phi_{266}^4\ \Phi_{133}^4\ \Phi_{28}^4\ \Phi_{19}\ \Phi_{14}^4\ \Phi_7^4\ \Phi_1^2$
145243	1844	494	$\frac{33}{494}$	$\frac{5}{38}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{494}^4\ \Phi_{247}^4\ \Phi_{26}^4\ \Phi_{19}\ \Phi_{13}^4\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
145244	1844	513	$\frac{5}{57}$	$\frac{52}{513}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{513}^4\ \Phi_{171}^4\ \Phi_{27}^4\ \Phi_{19}\ \Phi_9^4\ \Phi_1^2$
145245	1844	480	$\frac{19}{480}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^3\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{40}^3\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
145246	1844	570	$\frac{5}{114}$	$\frac{1}{6}$	$\frac{109}{570}$	$\frac{1}{5}$	$\Phi_{570}^3\ \Phi_{285}^3\ \Phi_{190}^3\ \Phi_{114}^4\ \Phi_{95}^3\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{30}^4\ \Phi_{19}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
145247	1844	550	$\frac{1}{22}$	$\frac{89}{550}$	$\frac{21}{110}$	$\frac{1}{5}$	$\Phi_{550}^4\ \Phi_{275}^4\ \Phi_{110}\ \Phi_{55}\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{10}$
145248	1844	560	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{99}{560}$	$\frac{1}{5}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^4\ \Phi_{80}^3\ \Phi_{70}^4\ \Phi_{56}^4\ \Phi_{40}^3\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{20}^3\ \Phi_{16}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
145249	1844	490	$\frac{29}{490}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{490}^4\ \Phi_{245}^4\ \Phi_{98}^4\ \Phi_{70}^4\ \Phi_{49}^4\ \Phi_{35}\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_2^4$
145250	1844	2730	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{85}{546}$	$\frac{1}{5}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{910}\ \Phi_{390}\ \Phi_{210}\ \Phi_{195}\ \Phi_{130}\ \Phi_{105}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
145251	1845	736	$\frac{1}{368}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{367}{736}$	$\Phi_{736}^5\ \Phi_{32}^5\ \Phi_8\ \Phi_1$
145252	1845	2464	$\frac{3}{616}$	$\frac{1}{4}$	$\frac{619}{2464}$	$\frac{613}{1232}$	$\Phi_{2464}\ \Phi_{616}\ \Phi_{352}\ \Phi_{308}\ \Phi_{224}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{32}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_8\ \Phi_7\ \Phi_1$
145253	1845	816	$\frac{1}{204}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{203}{408}$	$\Phi_{816}^4\ \Phi_{408}\ \Phi_{272}^4\ \Phi_{136}\ \Phi_{48}^4\ \Phi_{24}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
145254	1845	408	$\frac{1}{204}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{203}{408}$	$\Phi_{408}^9\ \Phi_{136}^9\ \Phi_{24}^9\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
145255	1845	1708	$\frac{1}{122}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{121}{244}$	$\Phi_{854}^2\ \Phi_{427}^2\ \Phi_{244}\ \Phi_{122}^2\ \Phi_{61}^2\ \Phi_{28}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
145256	1845	1708	$\frac{1}{122}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{121}{244}$	$\Phi_{1708}^2\ \Phi_{244}^3\ \Phi_{28}^2\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
145257	1845	732	$\frac{1}{122}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{121}{244}$	$\Phi_{732}^2\ \Phi_{366}^4\ \Phi_{244}\ \Phi_{183}^4\ \Phi_{122}^2\ \Phi_{61}^2\ \Phi_{12}^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
145258	1845	812	$\frac{2}{203}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{201}{406}$	$\Phi_{812}^3\ \Phi_{203}^3\ \Phi_{116}^3\ \Phi_{29}^3\ \Phi_{28}^4\ \Phi_{14}\ \Phi_7^3\ \Phi_4^3\ \Phi_1^3$
145259	1845	2190	$\frac{4}{365}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{361}{730}$	$\Phi_{2190}\ \Phi_{1095}\ \Phi_{438}\ \Phi_{365}\ \Phi_{219}\ \Phi_{73}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
145260	1845	704	$\frac{1}{88}$	$\frac{89}{704}$	$\frac{1}{4}$	$\frac{87}{176}$	$\Phi_{704}^3\ \Phi_{352}^3\ \Phi_{88}^3\ \Phi_{64}^3\ \Phi_{44}^3\ \Phi_{32}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
145261	1845	1216	$\frac{7}{608}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{601}{1216}$	$\Phi_{1216}^3\ \Phi_{64}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
145262	1845	444	$\frac{1}{74}$	$\frac{1}{6}$	$\frac{25}{148}$	$\frac{73}{148}$	$\Phi_{444}^4\ \Phi_{222}^6\ \Phi_{148}^2\ \Phi_{111}^6\ \Phi_{74}^3\ \Phi_{37}^3\ \Phi_{12}^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
145263	1845	728	$\frac{5}{364}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{359}{728}$	$\Phi_{728}^5\ \Phi_{104}^5\ \Phi_{56}^5\ \Phi_{28}\ \Phi_{14}\ \Phi_8^5\ \Phi_7\ \Phi_1$
145264	1845	484	$\frac{2}{121}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{119}{242}$	$\Phi_{484}^5\ \Phi_{121}^5\ \Phi_{44}^6\ \Phi_{22}\ \Phi_{11}^5\ \Phi_4^5\ \Phi_1^5$
145265	1845	224	$\frac{1}{56}$	$\frac{19}{224}$	$\frac{1}{4}$	$\frac{55}{112}$	$\Phi_{224}^9\ \Phi_{112}^6\ \Phi_{56}^9\ \Phi_{32}^9\ \Phi_{28}^9\ \Phi_{16}^6\ \Phi_{14}^9\ \Phi_8^9\ \Phi_7^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
145266	1845	1204	$\frac{13}{602}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{589}{1204}$	$\Phi_{1204}\ \Phi_{602}^2\ \Phi_{301}^2\ \Phi_{172}\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
145267	1845	880	$\frac{1}{44}$	$\frac{1}{40}$	$\frac{39}{80}$	$\frac{43}{88}$	$\Phi_{880}^4\ \Phi_{176}^4\ \Phi_{88}\ \Phi_{80}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
145268	1845	1320	$\frac{1}{44}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{43}{88}$	$\Phi_{1320}^4\ \Phi_{264}^4\ \Phi_{120}^4\ \Phi_{88}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^4\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
145269	1845	88	$\frac{1}{44}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{43}{88}$	$\Phi_{88}^{41}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_8^{41}\ \Phi_1$
145270	1845	3960	$\frac{1}{44}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{43}{88}$	$\Phi_{3960}\ \Phi_{1320}\ \Phi_{792}\ \Phi_{360}\ \Phi_{264}\ \Phi_{120}\ \Phi_{88}\ \Phi_{72}\ \Phi_{45}\ \Phi_{24}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
145271	1845	2200	$\frac{1}{44}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{43}{88}$	$\Phi_{2200}^2\ \Phi_{200}^2\ \Phi_{88}\ \Phi_{50}\ \Phi_{25}\ \Phi_8\ \Phi_1$
145272	1845	528	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{43}{88}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{176}^4\ \Phi_{132}^4\ \Phi_{88}\ \Phi_{66}^4\ \Phi_{48}^5\ \Phi_{33}^4\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
145273	1845	880	$\frac{1}{40}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{39}{80}$	$\Phi_{880}^4\ \Phi_{176}^4\ \Phi_{80}^5\ \Phi_{22}^2\ \Phi_{16}^5\ \Phi_{11}^2\ \Phi_2^2\ \Phi_1^3$
145274	1845	80	$\frac{1}{40}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{39}{80}$	$\Phi_{80}^{21}\ \Phi_{40}^{24}\ \Phi_{20}^{24}\ \Phi_{16}^{24}\ \Phi_{10}^{24}\ \Phi_8^{27}\ \Phi_5^{24}\ \Phi_4^{26}\ \Phi_2^{26}\ \Phi_1^{27}$
145275	1845	880	$\frac{1}{40}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{39}{80}$	$\Phi_{880}^4\ \Phi_{176}^4\ \Phi_{80}^5\ \Phi_{16}^5\ \Phi_{11}^4\ \Phi_1^5$
145276	1845	240	$\frac{1}{40}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{39}{80}$	$\Phi_{240}^{18}\ \Phi_{80}^9\ \Phi_{48}^{18}\ \Phi_{30}^2\ \Phi_{16}^9\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
145277	1845	3584	$\frac{53}{1792}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{1739}{3584}$	$\Phi_{3584}\ \Phi_{512}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
145278	1845	1936	$\frac{3}{88}$	$\frac{91}{1936}$	$\frac{1}{4}$	$\frac{85}{176}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{121}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
145279	1845	396	$\frac{7}{198}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{191}{396}$	$\Phi_{396}^{3}\ \Phi_{198}^{6}\ \Phi_{132}^{3}\ \Phi_{99}^{6}\ \Phi_{66}^{6}\ \Phi_{44}^{5}\ \Phi_{36}^{3}\ \Phi_{33}^{6}\ \Phi_{22}^{7}\ \Phi_{18}^{6}\ \Phi_{12}^{3}\ \Phi_{11}^{7}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
145280	1845	392	$\frac{1}{28}$	$\frac{9}{196}$	$\frac{1}{4}$	$\frac{187}{392}$	$\Phi_{392}^{9}\ \Phi_{56}^{9}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{9}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
145281	1845	704	$\frac{3}{88}$	$\frac{17}{352}$	$\frac{1}{4}$	$\frac{335}{704}$	$\Phi_{704}^{5}\ \Phi_{88}\ \Phi_{64}^{5}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
145282	1845	1794	$\frac{1}{46}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{1794}\ \Phi_{897}\ \Phi_{598}\ \Phi_{299}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{46}\ \Phi_{39}\ \Phi_{23}\ \Phi_{13}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
145283	1845	1904	$\frac{59}{1904}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{272}\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{68}\ \Phi_{56}\ \Phi_{34}\ \Phi_{28}\ \Phi_{17}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
145284	1845	1708	$\frac{1}{61}$	$\frac{1}{14}$	$\frac{20}{61}$	$\frac{13}{28}$	$\Phi_{1708}^{2}\ \Phi_{244}^{2}\ \Phi_{61}^{2}\ \Phi_{28}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
145285	1845	1288	$\frac{1}{46}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{1288}^{2}\ \Phi_{322}^{2}\ \Phi_{184}^{2}\ \Phi_{161}^{2}\ \Phi_{56}\ \Phi_{46}\ \Phi_{23}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
145286	1845	84	$\frac{1}{42}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{84}^{16}\ \Phi_{42}^{29}\ \Phi_{28}^{15}\ \Phi_{21}^{29}\ \Phi_{14}^{27}\ \Phi_{12}^{16}\ \Phi_{7}^{27}\ \Phi_{6}^{29}\ \Phi_{4}^{14}\ \Phi_{3}^{29}\ \Phi_{2}^{26}\ \Phi_{1}^{27}$
145287	1845	1144	$\frac{1}{44}$	$\frac{43}{572}$	$\frac{1}{4}$	$\frac{529}{1144}$	$\Phi_{1144}^{3}\ \Phi_{104}^{3}\ \Phi_{88}^{3}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
145288	1845	224	$\frac{1}{56}$	$\frac{11}{112}$	$\frac{1}{4}$	$\frac{101}{224}$	$\Phi_{224}^{15}\ \Phi_{56}^{3}\ \Phi_{32}^{15}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
145289	1845	1140	$\frac{11}{380}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{1140}^{2}\ \Phi_{570}^{2}\ \Phi_{380}\ \Phi_{285}^{2}\ \Phi_{228}^{2}\ \Phi_{190}\ \Phi_{114}^{2}\ \Phi_{95}\ \Phi_{76}\ \Phi_{57}^{2}\ \Phi_{38}\ \Phi_{30}^{2}\ \Phi_{19}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
145290	1845	222	$\frac{1}{37}$	$\frac{4}{37}$	$\frac{1}{6}$	$\frac{33}{74}$	$\Phi_{222}^{10}\ \Phi_{111}^{10}\ \Phi_{74}\ \Phi_{37}^{9}\ \Phi_{6}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{9}$
145291	1845	3312	$\frac{2}{207}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{207}\ \Phi_{144}\ \Phi_{69}\ \Phi_{23}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
145292	1845	2448	$\frac{1}{102}$	$\frac{1}{8}$	$\frac{101}{306}$	$\frac{7}{16}$	$\Phi_{2448}^{2}\ \Phi_{306}\ \Phi_{153}\ \Phi_{144}^{2}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
145293	1845	208	$\frac{3}{208}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{208}^{9}\ \Phi_{104}^{9}\ \Phi_{52}^{9}\ \Phi_{26}^{9}\ \Phi_{16}^{6}\ \Phi_{13}^{9}\ \Phi_{8}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
145294	1845	272	$\frac{1}{68}$	$\frac{1}{8}$	$\frac{67}{272}$	$\frac{7}{16}$	$\Phi_{272}^{5}\ \Phi_{136}^{9}\ \Phi_{68}^{8}\ \Phi_{34}^{8}\ \Phi_{17}^{8}\ \Phi_{16}^{6}\ \Phi_{8}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
145295	1845	816	$\frac{1}{51}$	$\frac{1}{8}$	$\frac{10}{51}$	$\frac{7}{16}$	$\Phi_{816}^{4}\ \Phi_{272}^{4}\ \Phi_{51}^{4}\ \Phi_{48}^{4}\ \Phi_{17}^{4}\ \Phi_{16}^{5}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
145296	1845	336	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{336}^{10}\ \Phi_{112}^{10}\ \Phi_{48}^{8}\ \Phi_{42}^{5}\ \Phi_{21}^{5}\ \Phi_{16}^{9}\ \Phi_{14}^{5}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
145297	1845	1904	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{33}{238}$	$\frac{7}{16}$	$\Phi_{1904}^{2}\ \Phi_{238}\ \Phi_{119}\ \Phi_{112}^{2}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
145298	1845	432	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{432}^{8}\ \Phi_{216}\ \Phi_{144}^{8}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}^{4}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}^{5}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
145299	1845	3536	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3536}\ \Phi_{221}\ \Phi_{208}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
145300	1845	1656	$\frac{1}{46}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{1656}^{2}\ \Phi_{552}^{2}\ \Phi_{184}^{2}\ \Phi_{138}^{2}\ \Phi_{72}\ \Phi_{69}^{2}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
145301	1845	2156	$\frac{1}{77}$	$\frac{76}{539}$	$\frac{1}{4}$	$\frac{463}{1078}$	$\Phi_{2156}\ \Phi_{539}\ \Phi_{308}^{2}\ \Phi_{196}\ \Phi_{154}\ \Phi_{77}\ \Phi_{49}\ \Phi_{44}^{2}\ \Phi_{28}^{2}\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
145302	1845	352	$\frac{1}{88}$	$\frac{29}{176}$	$\frac{1}{4}$	$\frac{147}{352}$	$\Phi_{352}^{9}\ \Phi_{88}^{3}\ \Phi_{44}^{3}\ \Phi_{32}^{9}\ \Phi_{22}^{3}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
145303	1845	1104	$\frac{1}{46}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1104}^{2}\ \Phi_{552}^{2}\ \Phi_{368}^{2}\ \Phi_{184}^{2}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{48}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{16}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
145304	1845	1610	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{322}^{2}\ \Phi_{230}\ \Phi_{161}^{2}\ \Phi_{115}\ \Phi_{46}\ \Phi_{35}\ \Phi_{23}\ \Phi_{14}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
145305	1845	461	$\frac{6}{461}$	$\frac{91}{461}$	$\frac{92}{461}$	$\frac{185}{461}$	$\Phi_{461}^{4}\ \Phi_{1}^{5}$
145306	1845	616	$\frac{3}{308}$	$\frac{61}{308}$	$\frac{1}{4}$	$\frac{247}{616}$	$\Phi_{616}^{5}\ \Phi_{308}\ \Phi_{154}\ \Phi_{88}^{5}\ \Phi_{77}\ \Phi_{56}^{5}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_{8}^{5}\ \Phi_{7}\ \Phi_{1}$
145307	1845	1776	$\frac{1}{74}$	$\frac{1}{6}$	$\frac{73}{296}$	$\frac{223}{592}$	$\Phi_{1776}^{2}\ \Phi_{592}\ \Phi_{222}^{2}\ \Phi_{111}^{2}\ \Phi_{74}\ \Phi_{48}^{2}\ \Phi_{37}\ \Phi_{16}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
145308	1845	184	$\frac{1}{184}$	$\frac{1}{4}$	$\frac{61}{184}$	$\frac{3}{8}$	$\Phi_{184}^{10}\ \Phi_{92}^{10}\ \Phi_{46}^{10}\ \Phi_{23}^{10}\ \Phi_{8}^{11}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
145309	1845	1856	$\frac{11}{1856}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1856}\ \Phi_{928}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{64}\ \Phi_{58}\ \Phi_{32}\ \Phi_{29}\ \Phi_{8}\ \Phi_{1}$
145310	1845	248	$\frac{1}{124}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{248}^{12}\ \Phi_{124}^{3}\ \Phi_{62}^{3}\ \Phi_{31}^{3}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
145311	1845	920	$\frac{1}{92}$	$\frac{91}{460}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{920}^{4}\ \Phi_{460}\ \Phi_{230}\ \Phi_{115}\ \Phi_{40}^{4}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
145312	1845	736	$\frac{5}{368}$	$\frac{121}{736}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{736}^{3}\ \Phi_{368}^{2}\ \Phi_{184}^{2}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{32}^{3}\ \Phi_{23}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
145313	1845	376	$\frac{7}{376}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{376}^{5}\ \Phi_{188}^{5}\ \Phi_{94}^{5}\ \Phi_{47}^{5}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
145314	1845	184	$\frac{1}{46}$	$\frac{5}{46}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{184}^{16}\ \Phi_{46}^{8}\ \Phi_{23}^{8}\ \Phi_{8}^{17}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
145315	1845	840	$\frac{1}{42}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^{4}\ \Phi_{280}^{4}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{120}^{4}\ \Phi_{105}^{2}\ \Phi_{70}^{2}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
145316	1845	2024	$\frac{5}{184}$	$\frac{179}{2024}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{253}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
145317	1845	128	$\frac{5}{128}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{128}^{15}\ \Phi_{64}^{15}\ \Phi_{32}^{15}\ \Phi_{16}^{10}\ \Phi_{8}^{11}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
145318	1845	3128	$\frac{1}{23}$	$\frac{22}{391}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3128}\ \Phi_{391}\ \Phi_{136}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
145319	1845	496	$\frac{1}{31}$	$\frac{1}{16}$	$\frac{10}{31}$	$\frac{21}{62}$	$\Phi_{496}^{4}\ \Phi_{248}^{4}\ \Phi_{124}^{4}\ \Phi_{62}\ \Phi_{31}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
145320	1845	308	$\frac{1}{154}$	$\frac{1}{4}$	$\frac{51}{154}$	$\frac{103}{308}$	$\Phi_{308}^{5}\ \Phi_{154}^{7}\ \Phi_{77}^{7}\ \Phi_{44}^{5}\ \Phi_{28}^{5}\ \Phi_{22}^{7}\ \Phi_{14}^{7}\ \Phi_{11}^{7}\ \Phi_{7}^{7}\ \Phi_{4}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
145321	1845	828	$\frac{2}{207}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{828}^{2}\ \Phi_{414}^{2}\ \Phi_{276}^{2}\ \Phi_{207}^{3}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{69}^{3}\ \Phi_{46}^{2}\ \Phi_{36}^{2}\ \Phi_{23}^{3}\ \Phi_{18}^{2}\ \Phi_{9}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
145322	1845	612	$\frac{1}{102}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{101}{306}$	$\Phi_{612}^{4}\ \Phi_{306}^{5}\ \Phi_{153}^{5}\ \Phi_{36}^{4}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
145323	1845	264	$\frac{1}{88}$	$\frac{59}{264}$	$\frac{1}{4}$	$\frac{29}{88}$	$\Phi_{264}^{9}\ \Phi_{132}^{9}\ \Phi_{88}^{3}\ \Phi_{66}^{9}\ \Phi_{44}^{3}\ \Phi_{33}^{9}\ \Phi_{24}^{9}\ \Phi_{22}^{3}\ \Phi_{12}^{9}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{9}\ \Phi_{4}^{2}\ \Phi_{3}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
145324	1845	427	$\frac{1}{61}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{20}{61}$	$\Phi_{427}^{4}\ \Phi_{61}^{6}\ \Phi_{7}^{6}\ \Phi_{1}^{9}$
145325	1845	732	$\frac{1}{61}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{20}{61}$	$\Phi_{732}^{4}\ \Phi_{366}^{2}\ \Phi_{244}^{2}\ \Phi_{183}^{2}\ \Phi_{61}^{2}\ \Phi_{12}^{6}\ \Phi_{6}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
145326	1845	461	$\frac{8}{461}$	$\frac{62}{461}$	$\frac{133}{461}$	$\frac{151}{461}$	$\Phi_{461}^{4}\ \Phi_{1}^{5}$
145327	1845	1110	$\frac{7}{370}$	$\frac{1}{6}$	$\frac{83}{370}$	$\frac{121}{370}$	$\Phi_{1110}^{2}\ \Phi_{555}^{2}\ \Phi_{370}\ \Phi_{222}^{2}\ \Phi_{185}\ \Phi_{111}^{2}\ \Phi_{74}\ \Phi_{37}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
145328	1845	922	$\frac{19}{922}$	$\frac{143}{922}$	$\frac{207}{922}$	$\frac{301}{922}$	$\Phi_{922}^{2}\ \Phi_{461}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
145329	1845	616	$\frac{13}{616}$	$\frac{83}{616}$	$\frac{1}{4}$	$\frac{201}{616}$	$\Phi_{616}^{3}\ \Phi_{308}^{3}\ \Phi_{154}^{3}\ \Phi_{88}^{3}\ \Phi_{77}^{3}\ \Phi_{56}^{3}\ \Phi_{44}^{3}\ \Phi_{28}^{3}\ \Phi_{22}^{3}\ \Phi_{14}^{3}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
145330	1845	304	$\frac{7}{304}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{99}{304}$	$\Phi_{304}^{6}\ \Phi_{152}^{6}\ \Phi_{76}^{6}\ \Phi_{38}^{6}\ \Phi_{19}^{6}\ \Phi_{16}^{6}\ \Phi_{8}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
145331	1845	444	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{25}{148}$	$\frac{12}{37}$	$\Phi_{444}^{6}\ \Phi_{222}^{4}\ \Phi_{148}^{3}\ \Phi_{111}^{4}\ \Phi_{74}\ \Phi_{37}^{3}\ \Phi_{12}^{6}\ \Phi_{6}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
145332	1845	224	$\frac{1}{28}$	$\frac{19}{224}$	$\frac{1}{4}$	$\frac{9}{28}$	$\Phi_{224}^{9}\ \Phi_{112}^{9}\ \Phi_{56}^{9}\ \Phi_{32}^{9}\ \Phi_{28}^{3}\ \Phi_{16}^{9}\ \Phi_{14}^{3}\ \Phi_{8}^{9}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
145333	1845	660	$\frac{1}{22}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{7}{22}$	$\Phi_{660}^{4}\ \Phi_{330}^{4}\ \Phi_{165}^{4}\ \Phi_{132}^{4}\ \Phi_{66}^{4}\ \Phi_{60}^{5}\ \Phi_{33}^{4}\ \Phi_{30}^{5}\ \Phi_{22}^{2}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{11}^{2}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
145334	1845	44	$\frac{1}{22}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{7}{22}$	$\Phi_{44}^{41}\ \Phi_{22}^{43}\ \Phi_{11}^{43}\ \Phi_{4}^{40}\ \Phi_{2}^{42}\ \Phi_{1}^{43}$
145335	1845	990	$\frac{1}{22}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{7}{22}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{330}^{2}\ \Phi_{198}^{2}\ \Phi_{165}^{2}\ \Phi_{99}^{2}\ \Phi_{90}^{2}\ \Phi_{66}^{2}\ \Phi_{45}^{3}\ \Phi_{33}^{2}\ \Phi_{30}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{11}^{2}\ \Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
145336	1845	550	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{7}{22}$	$\Phi_{550}^{4}\ \Phi_{275}^{4}\ \Phi_{50}^{5}\ \Phi_{25}^{5}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
145337	1845	528	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{7}{22}$	$\Phi_{528}^{4}\ \Phi_{264}^{4}\ \Phi_{176}^{4}\ \Phi_{132}^{4}\ \Phi_{66}^{4}\ \Phi_{48}^{5}\ \Phi_{33}^{4}\ \Phi_{24}^{5}\ \Phi_{22}^{2}\ \Phi_{16}^{5}\ \Phi_{12}^{5}\ \Phi_{11}^{2}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
145338	1845	240	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{19}{60}$	$\Phi_{240}^{12}\ \Phi_{120}^{12}\ \Phi_{60}^{9}\ \Phi_{48}^{12}\ \Phi_{30}^{9}\ \Phi_{24}^{12}\ \Phi_{16}^{3}\ \Phi_{15}^{9}\ \Phi_{12}^{9}\ \Phi_{8}^{3}\ \Phi_{6}^{9}\ \Phi_{4}^{2}\ \Phi_{3}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
145339	1845	660	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{19}{60}$	$\Phi_{660}^{4}\ \Phi_{330}^{4}\ \Phi_{165}^{4}\ \Phi_{132}^{4}\ \Phi_{66}^{4}\ \Phi_{60}^{5}\ \Phi_{33}^{4}\ \Phi_{30}^{5}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{11}^{4}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
145340	1845	60	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{19}{60}$	$\Phi_{60}^{27}\ \Phi_{30}^{29}\ \Phi_{20}^{36}\ \Phi_{15}^{29}\ \Phi_{12}^{27}\ \Phi_{10}^{37}\ \Phi_{6}^{28}\ \Phi_{5}^{37}\ \Phi_{4}^{36}\ \Phi_{3}^{28}\ \Phi_{2}^{36}\ \Phi_{1}^{37}$
145341	1845	896	$\frac{3}{56}$	$\frac{53}{896}$	$\frac{1}{4}$	$\frac{281}{896}$	$\Phi_{896}^{2}\ \Phi_{448}^{2}\ \Phi_{224}^{2}\ \Phi_{128}^{2}\ \Phi_{112}^{2}\ \Phi_{64}^{2}\ \Phi_{56}^{3}\ \Phi_{32}^{2}\ \Phi_{28}^{3}\ \Phi_{16}^{2}\ \Phi_{14}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
145342	1845	176	$\frac{3}{88}$	$\frac{17}{176}$	$\frac{1}{4}$	$\frac{53}{176}$	$\Phi_{176}^{10}\ \Phi_{88}^{11}\ \Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_{16}^{10}\ \Phi_{11}^{11}\ \Phi_{8}^{11}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
145343	1845	390	$\frac{7}{130}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{390}^{6}\ \Phi_{195}^{6}\ \Phi_{130}^{3}\ \Phi_{78}^{6}\ \Phi_{65}^{3}\ \Phi_{39}^{6}\ \Phi_{30}^{2}\ \Phi_{26}^{3}\ \Phi_{15}^{2}\ \Phi_{13}^{3}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
145344	1845	84	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{84}^{30}\ \Phi_{42}^{15}\ \Phi_{28}^{28}\ \Phi_{21}^{15}\ \Phi_{14}^{13}\ \Phi_{12}^{30}\ \Phi_{7}^{15}\ \Phi_{6}^{15}\ \Phi_{4}^{27}\ \Phi_{3}^{15}\ \Phi_{2}^{12}\ \Phi_{1}^{15}$
145345	1845	966	$\frac{1}{42}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{966}^{2}\ \Phi_{483}^{2}\ \Phi_{322}^{2}\ \Phi_{161}^{2}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{46}\ \Phi_{42}\ \Phi_{23}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
145346	1845	1242	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{1242}^{2}\ \Phi_{621}^{2}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{54}\ \Phi_{46}\ \Phi_{27}\ \Phi_{23}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
145347	1845	922	$\frac{17}{922}$	$\frac{181}{922}$	$\frac{225}{922}$	$\frac{247}{922}$	$\Phi_{922}^{2}\,\Phi_{461}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
145348	1845	56	$\frac{1}{56}$	$\frac{11}{56}$	$\frac{1}{4}$	$\frac{15}{56}$	$\Phi_{56}^{33}\,\Phi_{28}^{33}\,\Phi_{14}^{33}\,\Phi_{8}^{33}\,\Phi_{7}^{33}\,\Phi_{4}^{32}\,\Phi_{2}^{32}\,\Phi_{1}^{33}$
145349	1845	208	$\frac{3}{208}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{208}^{9}\,\Phi_{104}^{9}\,\Phi_{52}^{9}\,\Phi_{26}^{9}\,\Phi_{16}^{9}\,\Phi_{13}^{9}\,\Phi_{8}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
145350	1845	272	$\frac{1}{68}$	$\frac{67}{272}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{272}^{9}\,\Phi_{136}^{9}\,\Phi_{16}^{9}\,\Phi_{8}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
145351	1845	204	$\frac{1}{51}$	$\frac{10}{51}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{204}^{8}\,\Phi_{102}^{8}\,\Phi_{68}^{8}\,\Phi_{51}^{12}\,\Phi_{34}^{8}\,\Phi_{17}^{12}\,\Phi_{12}^{8}\,\Phi_{6}^{8}\,\Phi_{4}^{10}\,\Phi_{3}^{12}\,\Phi_{2}^{10}\,\Phi_{1}^{15}$
145352	1845	84	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{84}^{20}\,\Phi_{42}^{25}\,\Phi_{28}^{20}\,\Phi_{21}^{25}\,\Phi_{14}^{25}\,\Phi_{12}^{16}\,\Phi_{7}^{25}\,\Phi_{6}^{20}\,\Phi_{4}^{18}\,\Phi_{3}^{20}\,\Phi_{2}^{22}\,\Phi_{1}^{23}$
145353	1845	476	$\frac{1}{34}$	$\frac{33}{238}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{476}^{4}\,\Phi_{238}^{5}\,\Phi_{119}^{5}\,\Phi_{28}^{4}\,\Phi_{14}^{5}\,\Phi_{7}^{5}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
145354	1845	136	$\frac{3}{68}$	$\frac{13}{136}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{136}^{15}\,\Phi_{68}^{12}\,\Phi_{34}^{12}\,\Phi_{17}^{12}\,\Phi_{8}^{15}\,\Phi_{4}^{14}\,\Phi_{2}^{14}\,\Phi_{1}^{15}$
145355	1845	216	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{216}^{9}\,\Phi_{108}^{9}\,\Phi_{72}^{9}\,\Phi_{54}^{9}\,\Phi_{36}^{9}\,\Phi_{27}^{9}\,\Phi_{24}^{9}\,\Phi_{18}^{9}\,\Phi_{9}^{9}\,\Phi_{8}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
145356	1845	884	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{884}^{2}\,\Phi_{442}^{2}\,\Phi_{221}^{3}\,\Phi_{52}^{2}\,\Phi_{26}^{2}\,\Phi_{13}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
145357	1845	176	$\frac{1}{16}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{176}^{12}\,\Phi_{88}^{12}\,\Phi_{44}^{9}\,\Phi_{22}^{9}\,\Phi_{16}^{3}\,\Phi_{11}^{9}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
145358	1845	812	$\frac{6}{203}$	$\frac{1}{7}$	$\frac{197}{812}$	$\frac{1}{4}$	$\Phi_{812}^{2}\,\Phi_{406}^{2}\,\Phi_{203}^{3}\,\Phi_{116}^{2}\,\Phi_{58}^{2}\,\Phi_{29}^{3}\,\Phi_{28}^{3}\,\Phi_{14}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
145359	1845	704	$\frac{3}{88}$	$\frac{89}{704}$	$\frac{85}{352}$	$\frac{1}{4}$	$\Phi_{704}^{3}\,\Phi_{352}^{2}\,\Phi_{176}^{2}\,\Phi_{88}^{3}\,\Phi_{64}^{3}\,\Phi_{44}^{3}\,\Phi_{32}^{2}\,\Phi_{22}^{3}\,\Phi_{16}^{2}\,\Phi_{11}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
145360	1845	224	$\frac{3}{56}$	$\frac{19}{224}$	$\frac{53}{224}$	$\frac{1}{4}$	$\Phi_{224}^{8}\,\Phi_{112}^{8}\,\Phi_{56}^{9}\,\Phi_{32}^{8}\,\Phi_{28}^{9}\,\Phi_{16}^{8}\,\Phi_{14}^{9}\,\Phi_{8}^{9}\,\Phi_{7}^{9}\,\Phi_{4}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
145361	1845	160	$\frac{1}{16}$	$\frac{3}{40}$	$\frac{37}{160}$	$\frac{1}{4}$	$\Phi_{160}^{15}\,\Phi_{80}^{7}\,\Phi_{40}^{8}\,\Phi_{32}^{15}\,\Phi_{20}^{8}\,\Phi_{16}^{10}\,\Phi_{10}^{8}\,\Phi_{8}^{11}\,\Phi_{5}^{8}\,\Phi_{4}^{10}\,\Phi_{2}^{10}\,\Phi_{1}^{11}$
145362	1845	264	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{59}{264}$	$\frac{1}{4}$	$\Phi_{264}^{9}\,\Phi_{132}^{3}\,\Phi_{88}^{9}\,\Phi_{66}^{6}\,\Phi_{44}^{5}\,\Phi_{33}^{6}\,\Phi_{24}^{9}\,\Phi_{22}^{7}\,\Phi_{12}^{3}\,\Phi_{11}^{7}\,\Phi_{8}^{9}\,\Phi_{6}^{6}\,\Phi_{4}^{4}\,\Phi_{3}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
145363	1845	128	$\frac{5}{128}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{128}^{15}\,\Phi_{64}^{15}\,\Phi_{32}^{12}\,\Phi_{16}^{12}\,\Phi_{8}^{15}\,\Phi_{4}^{14}\,\Phi_{2}^{14}\,\Phi_{1}^{15}$
145364	1845	784	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{169}{784}$	$\frac{1}{4}$	$\Phi_{784}^{3}\,\Phi_{392}^{3}\,\Phi_{112}^{3}\,\Phi_{56}^{3}\,\Phi_{28}^{3}\,\Phi_{16}^{3}\,\Phi_{14}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
145365	1845	308	$\frac{2}{77}$	$\frac{15}{77}$	$\frac{31}{154}$	$\frac{1}{4}$	$\Phi_{308}^{8}\,\Phi_{154}^{3}\,\Phi_{77}^{5}\,\Phi_{44}^{8}\,\Phi_{28}^{8}\,\Phi_{22}^{3}\,\Phi_{14}^{3}\,\Phi_{11}^{5}\,\Phi_{7}^{5}\,\Phi_{4}^{7}\,\Phi_{2}^{2}\,\Phi_{1}^{5}$
145366	1845	720	$\frac{1}{16}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{720}^{3}\,\Phi_{360}^{3}\,\Phi_{240}^{3}\,\Phi_{180}^{2}\,\Phi_{144}^{3}\,\Phi_{120}^{2}\,\Phi_{90}^{2}\,\Phi_{72}^{3}\,\Phi_{60}^{2}\,\Phi_{48}^{3}\,\Phi_{45}^{3}\,\Phi_{36}^{2}\,\Phi_{30}^{2}\,\Phi_{24}^{3}\,\Phi_{18}^{2}\,\Phi_{16}^{3}\,\Phi_{15}^{3}\,\Phi_{12}^{2}\,\Phi_{9}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
145367	1845	440	$\frac{3}{88}$	$\frac{71}{440}$	$\frac{17}{88}$	$\frac{1}{4}$	$\Phi_{440}^{5}\,\Phi_{220}^{5}\,\Phi_{110}^{5}\,\Phi_{88}\,\Phi_{55}^{5}\,\Phi_{44}\,\Phi_{40}^{5}\,\Phi_{22}\,\Phi_{20}^{5}\,\Phi_{11}\,\Phi_{10}^{5}\,\Phi_{8}\,\Phi_{5}^{5}\,\Phi_{1}$
145368	1845	152	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{29}{152}$	$\frac{1}{4}$	$\Phi_{152}^{12}\,\Phi_{76}^{12}\,\Phi_{38}^{12}\,\Phi_{19}^{12}\,\Phi_{8}^{15}\,\Phi_{4}^{14}\,\Phi_{2}^{14}\,\Phi_{1}^{15}$
145369	1845	44	$\frac{3}{44}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{4}$	$\Phi_{44}^{41}\,\Phi_{22}^{41}\,\Phi_{11}^{45}\,\Phi_{4}^{40}\,\Phi_{2}^{40}\,\Phi_{1}^{45}$
145370	1845	400	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{4}$	$\Phi_{400}^{6}\,\Phi_{200}^{6}\,\Phi_{100}^{4}\,\Phi_{50}^{5}\,\Phi_{25}^{5}\,\Phi_{16}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
145371	1845	392	$\frac{23}{392}$	$\frac{3}{28}$	$\frac{5}{28}$	$\frac{1}{4}$	$\Phi_{392}^{5}\,\Phi_{196}^{5}\,\Phi_{98}^{5}\,\Phi_{56}^{5}\,\Phi_{49}^{5}\,\Phi_{28}\,\Phi_{14}\,\Phi_{8}^{5}\,\Phi_{7}\,\Phi_{1}$
145372	1845	448	$\frac{3}{56}$	$\frac{53}{448}$	$\frac{79}{448}$	$\frac{1}{4}$	$\Phi_{448}^{4}\,\Phi_{224}^{4}\,\Phi_{112}^{4}\,\Phi_{64}^{4}\,\Phi_{56}^{5}\,\Phi_{32}^{4}\,\Phi_{28}^{5}\,\Phi_{16}^{4}\,\Phi_{14}^{5}\,\Phi_{8}^{5}\,\Phi_{7}^{5}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
145373	1845	660	$\frac{3}{44}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{660}^{4}\,\Phi_{330}^{4}\,\Phi_{220}^{2}\,\Phi_{165}^{4}\,\Phi_{132}^{2}\,\Phi_{110}^{2}\,\Phi_{66}^{2}\,\Phi_{55}^{2}\,\Phi_{44}\,\Phi_{33}^{2}\,\Phi_{30}^{2}\,\Phi_{22}\,\Phi_{15}^{2}\,\Phi_{11}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
145374	1845	728	$\frac{25}{364}$	$\frac{3}{28}$	$\frac{113}{728}$	$\frac{1}{4}$	$\Phi_{728}^{3}\,\Phi_{364}^{2}\,\Phi_{182}^{2}\,\Phi_{104}^{3}\,\Phi_{91}^{2}\,\Phi_{56}^{3}\,\Phi_{52}^{2}\,\Phi_{28}^{3}\,\Phi_{26}^{2}\,\Phi_{14}^{3}\,\Phi_{13}^{2}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
145375	1845	484	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{37}{242}$	$\frac{1}{4}$	$\Phi_{484}^{5}\,\Phi_{242}^{2}\,\Phi_{121}^{3}\,\Phi_{44}^{6}\,\Phi_{22}^{3}\,\Phi_{11}^{3}\,\Phi_{4}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
145376	1845	560	$\frac{1}{16}$	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{560}^{4}\,\Phi_{280}^{4}\,\Phi_{140}^{3}\,\Phi_{112}^{4}\,\Phi_{70}^{3}\,\Phi_{56}^{4}\,\Phi_{35}^{3}\,\Phi_{28}^{3}\,\Phi_{16}^{3}\,\Phi_{14}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
145377	1845	48	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{4}$	$\Phi_{48}^{45}\,\Phi_{24}^{45}\,\Phi_{16}^{24}\,\Phi_{12}^{45}\,\Phi_{8}^{27}\,\Phi_{6}^{45}\,\Phi_{4}^{26}\,\Phi_{3}^{45}\,\Phi_{2}^{26}\,\Phi_{1}^{27}$
145378	1845	480	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{37}{160}$	$\Phi_{480}^{6}\,\Phi_{240}^{6}\,\Phi_{160}^{3}\,\Phi_{96}^{6}\,\Phi_{80}^{3}\,\Phi_{48}^{6}\,\Phi_{32}^{3}\,\Phi_{30}^{2}\,\Phi_{16}^{3}\,\Phi_{15}^{2}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
145379	1845	1200	$\frac{31}{400}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{40}$	$\Phi_{1200}^{2}\,\Phi_{600}^{2}\,\Phi_{400}\,\Phi_{300}^{2}\,\Phi_{240}^{2}\,\Phi_{200}\,\Phi_{150}^{2}\,\Phi_{100}\,\Phi_{80}\,\Phi_{75}^{2}\,\Phi_{50}\,\Phi_{48}^{2}\,\Phi_{30}^{2}\,\Phi_{25}\,\Phi_{16}\,\Phi_{15}^{2}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
145380	1845	461	$\frac{16}{461}$	$\frac{89}{461}$	$\frac{92}{461}$	$\frac{93}{461}$	$\Phi_{461}^{4}\,\Phi_{1}^{5}$
145381	1845	495	$\frac{4}{45}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{5}$	$\Phi_{495}^{4}\,\Phi_{165}^{4}\,\Phi_{99}^{4}\,\Phi_{45}^{5}\,\Phi_{33}^{4}\,\Phi_{15}^{5}\,\Phi_{11}^{4}\,\Phi_{9}^{5}\,\Phi_{3}^{5}\,\Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
145382	1845	90	$\frac{4}{45}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{90}^{22}\ \Phi_{45}^{23}\ \Phi_{30}^{15}\ \Phi_{18}^{22}\ \Phi_{15}^{16}\ \Phi_{10}^{19}\ \Phi_{9}^{23}\ \Phi_{6}^{14}\ \Phi_{5}^{19}\ \Phi_{3}^{15}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
145383	1845	550	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{2}{11}$	$\Phi_{550}^{4}\ \Phi_{275}^{4}\ \Phi_{50}^{5}\ \Phi_{25}^{5}\ \Phi_{11}^{4}\ \Phi_{1}^{5}$
145384	1845	528	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{2}{11}$	$\Phi_{528}^{4}\ \Phi_{264}^{4}\ \Phi_{176}^{4}\ \Phi_{132}^{4}\ \Phi_{66}^{4}\ \Phi_{48}^{5}\ \Phi_{33}^{4}\ \Phi_{24}^{5}\ \Phi_{16}^{5}\ \Phi_{12}^{5}\ \Phi_{11}^{4}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
145385	1845	150	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{50}$	$\Phi_{150}^{18}\ \Phi_{75}^{18}\ \Phi_{50}^{9}\ \Phi_{30}^{2}\ \Phi_{25}^{9}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
145386	1845	420	$\frac{1}{10}$	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{1}{6}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{140}^{3}\ \Phi_{105}^{6}\ \Phi_{84}^{6}\ \Phi_{70}^{3}\ \Phi_{42}^{6}\ \Phi_{35}^{3}\ \Phi_{30}^{2}\ \Phi_{28}^{3}\ \Phi_{21}^{6}\ \Phi_{15}^{2}\ \Phi_{14}^{3}\ \Phi_{10}\ \Phi_{7}^{3}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
145387	1845	240	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{6}$	$\Phi_{240}^{10}\ \Phi_{120}^{6}\ \Phi_{80}^{10}\ \Phi_{60}^{6}\ \Phi_{48}^{5}\ \Phi_{40}^{8}\ \Phi_{30}^{8}\ \Phi_{24}^{3}\ \Phi_{20}^{8}\ \Phi_{16}^{5}\ \Phi_{15}^{8}\ \Phi_{12}^{3}\ \Phi_{10}^{9}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{9}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
145388	1846	1842	$\frac{2}{921}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{919}{1842}$	$\Phi_{1842}^{2}\ \Phi_{614}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
145389	1846	1476	$\frac{1}{369}$	$\frac{185}{738}$	$\frac{553}{1476}$	$\frac{184}{369}$	$\Phi_{1476}^{2}\ \Phi_{492}^{2}\ \Phi_{369}\ \Phi_{164}^{2}\ \Phi_{123}\ \Phi_{41}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
145390	1846	3696	$\frac{1}{308}$	$\frac{309}{1232}$	$\frac{1}{3}$	$\frac{307}{616}$	$\Phi_{3696}\ \Phi_{924}\ \Phi_{528}\ \Phi_{462}\ \Phi_{336}\ \Phi_{231}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{48}\ \Phi_{42}\ \Phi_{33}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
145391	1846	1840	$\frac{3}{920}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{917}{1840}$	$\Phi_{1840}^{2}\ \Phi_{368}^{2}\ \Phi_{80}^{2}\ \Phi_{16}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
145392	1846	5520	$\frac{3}{920}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{917}{1840}$	$\Phi_{5520}\ \Phi_{1104}\ \Phi_{240}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
145393	1846	1640	$\frac{1}{205}$	$\frac{103}{820}$	$\frac{717}{1640}$	$\frac{102}{205}$	$\Phi_{1640}^{2}\ \Phi_{328}^{2}\ \Phi_{205}\ \Phi_{41}\ \Phi_{40}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
145394	1846	1230	$\frac{1}{205}$	$\frac{307}{1230}$	$\frac{103}{410}$	$\frac{102}{205}$	$\Phi_{1230}^{2}\ \Phi_{615}^{2}\ \Phi_{246}^{2}\ \Phi_{205}\ \Phi_{123}^{2}\ \Phi_{41}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
145395	1846	1836	$\frac{5}{918}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{913}{1836}$	$\Phi_{1836}^{2}\ \Phi_{612}^{2}\ \Phi_{204}^{2}\ \Phi_{108}^{2}\ \Phi_{68}^{2}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
145396	1846	1836	$\frac{5}{918}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{913}{1836}$	$\Phi_{1836}^{2}\ \Phi_{612}^{2}\ \Phi_{204}^{2}\ \Phi_{108}^{2}\ \Phi_{68}^{2}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
145397	1846	5502	$\frac{6}{917}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{911}{1834}$	$\Phi_{5502}\ \Phi_{786}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
145398	1846	1128	$\frac{1}{141}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{70}{141}$	$\Phi_{1128}^{3}\ \Phi_{376}^{3}\ \Phi_{141}\ \Phi_{47}\ \Phi_{24}^{4}\ \Phi_{8}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
145399	1846	705	$\frac{1}{141}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{70}{141}$	$\Phi_{705}^{3}\ \Phi_{235}^{3}\ \Phi_{141}\ \Phi_{47}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
145400	1846	846	$\frac{1}{141}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{70}{141}$	$\Phi_{846}^{3}\ \Phi_{423}^{3}\ \Phi_{141}\ \Phi_{47}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
145401	1846	2256	$\frac{1}{141}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{70}{141}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{752}\ \Phi_{376}\ \Phi_{141}\ \Phi_{48}\ \Phi_{47}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
145402	1846	1056	$\frac{1}{132}$	$\frac{133}{1056}$	$\frac{1}{3}$	$\frac{131}{264}$	$\Phi_{1056}^{2}\ \Phi_{528}^{2}\ \Phi_{352}^{2}\ \Phi_{176}^{2}\ \Phi_{132}^{2}\ \Phi_{96}^{2}\ \Phi_{66}^{2}\ \Phi_{48}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{32}^{2}\ \Phi_{22}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
145403	1846	1722	$\frac{1}{123}$	$\frac{62}{861}$	$\frac{799}{1722}$	$\frac{61}{123}$	$\Phi_{1722}^{2}\ \Phi_{574}^{2}\ \Phi_{246}^{2}\ \Phi_{123}\ \Phi_{82}^{2}\ \Phi_{42}^{2}\ \Phi_{41}\ \Phi_{14}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
145404	1846	1830	$\frac{8}{915}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{907}{1830}$	$\Phi_{1830}^{2}\ \Phi_{610}^{2}\ \Phi_{366}^{2}\ \Phi_{122}^{2}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
145405	1846	1827	$\frac{19}{1827}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{904}{1827}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{261}\ \Phi_{203}\ \Phi_{87}\ \Phi_{63}\ \Phi_{29}\ \Phi_{21}^{2}\ \Phi_{9}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
145406	1846	1110	$\frac{2}{185}$	$\frac{187}{1110}$	$\frac{1}{5}$	$\frac{183}{370}$	$\Phi_{1110}^{2}\ \Phi_{555}^{2}\ \Phi_{222}^{2}\ \Phi_{185}^{2}\ \Phi_{111}^{2}\ \Phi_{37}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
145407	1846	5478	$\frac{10}{913}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{903}{1826}$	$\Phi_{5478}\ \Phi_{498}\ \Phi_{66}\ \Phi_{33}\ \Phi_{6}$
145408	1846	1825	$\frac{21}{1825}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{902}{1825}$	$\Phi_{1825}\ \Phi_{365}\ \Phi_{73}\ \Phi_{25}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
145409	1846	1008	$\frac{1}{84}$	$\frac{85}{1008}$	$\frac{1}{3}$	$\frac{83}{168}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{252}^{2}\ \Phi_{144}^{2}\ \Phi_{126}^{2}\ \Phi_{112}^{2}\ \Phi_{84}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{48}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
145410	1846	1824	$\frac{11}{912}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{901}{1824}$	$\Phi_{1824}^{2}\ \Phi_{608}^{2}\ \Phi_{96}^{2}\ \Phi_{32}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
145411	1846	700	$\frac{1}{70}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{69}{140}$	$\Phi_{700}^{5}\ \Phi_{140}^{6}\ \Phi_{100}^{5}\ \Phi_{28}^{6}\ \Phi_{25}\ \Phi_{20}^{6}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
145412	1846	420	$\frac{1}{70}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{69}{140}$	$\Phi_{420}^{13}\ \Phi_{84}^{13}\ \Phi_{60}^{13}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}^{13}\ \Phi_{6}$
145413	1846	420	$\frac{1}{70}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{69}{140}$	$\Phi_{420}^{10}\ \Phi_{140}^{6}\ \Phi_{84}^{10}\ \Phi_{60}^{10}\ \Phi_{28}^{6}\ \Phi_{20}^{6}\ \Phi_{15}^{2}\ \Phi_{12}^{10}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
145414	1846	1815	$\frac{31}{1815}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{892}{1815}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{363}\ \Phi_{165}\ \Phi_{121}\ \Phi_{55}\ \Phi_{33}^{2}\ \Phi_{15}\ \Phi_{11}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
145415	1846	1806	$\frac{20}{903}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{883}{1806}$	$\Phi_{1806}^{2}\ \Phi_{602}^{2}\ \Phi_{258}^{2}\ \Phi_{86}^{2}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
145416	1846	1800	$\frac{1}{45}$	$\frac{23}{900}$	$\frac{877}{1800}$	$\frac{22}{45}$	$\Phi_{1800}^{2}\ \Phi_{600}^{2}\ \Phi_{360}^{2}\ \Phi_{200}^{2}\ \Phi_{120}^{2}\ \Phi_{72}^{2}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{24}^{2}\ \Phi_{15}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
145417	1846	1350	$\frac{1}{45}$	$\frac{23}{450}$	$\frac{427}{1350}$	$\frac{22}{45}$	$\Phi_{1350}^2\ \Phi_{675}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
145418	1846	990	$\frac{1}{45}$	$\frac{67}{990}$	$\frac{23}{90}$	$\frac{22}{45}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
145419	1846	1125	$\frac{1}{45}$	$\frac{23}{225}$	$\frac{202}{1125}$	$\frac{22}{45}$	$\Phi_{1125}^2\ \Phi_{375}^2\ \Phi_{125}^2\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
145420	1846	1080	$\frac{1}{45}$	$\frac{23}{180}$	$\frac{157}{1080}$	$\frac{22}{45}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_9\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
145421	1846	2904	$\frac{1}{44}$	$\frac{45}{968}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{2904}\ \Phi_{1452}\ \Phi_{726}\ \Phi_{363}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
145422	1846	1804	$\frac{21}{902}$	$\frac{1}{41}$	$\frac{20}{41}$	$\frac{881}{1804}$	$\Phi_{1804}^2\ \Phi_{164}^2\ \Phi_{44}^2\ \Phi_{41}\ \Phi_4^2\ \Phi_1^2$
145423	1846	5412	$\frac{21}{902}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{881}{1804}$	$\Phi_{5412}\ \Phi_{492}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
145424	1846	1353	$\frac{1}{41}$	$\frac{21}{451}$	$\frac{430}{1353}$	$\frac{20}{41}$	$\Phi_{1353}^2\ \Phi_{123}^2\ \Phi_{41}\ \Phi_{33}^2\ \Phi_3^2\ \Phi_1^2$
145425	1846	984	$\frac{1}{41}$	$\frac{61}{984}$	$\frac{21}{82}$	$\frac{20}{41}$	$\Phi_{984}^2\ \Phi_{492}^2\ \Phi_{328}^2\ \Phi_{246}^2\ \Phi_{164}^2\ \Phi_{123}^2\ \Phi_{41}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
145426	1846	1800	$\frac{23}{900}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{877}{1800}$	$\Phi_{1800}^2\ \Phi_{600}^2\ \Phi_{360}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145427	1846	1800	$\frac{23}{900}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{877}{1800}$	$\Phi_{1800}^2\ \Phi_{600}^2\ \Phi_{360}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
145428	1846	1242	$\frac{2}{69}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{1242}^3\ \Phi_{414}^3\ \Phi_{138}^2\ \Phi_{54}^3\ \Phi_{46}^2\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145429	1846	5376	$\frac{27}{896}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{869}{1792}$	$\Phi_{5376}\ \Phi_{768}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
145430	1846	2856	$\frac{29}{952}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{408}\ \Phi_{357}\ \Phi_{204}\ \Phi_{102}\ \Phi_{84}\ \Phi_{51}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
145431	1846	1782	$\frac{1}{33}$	$\frac{32}{891}$	$\frac{1}{3}$	$\frac{859}{1782}$	$\Phi_{1782}^2\ \Phi_{594}^2\ \Phi_{198}^2\ \Phi_{162}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145432	1846	525	$\frac{1}{35}$	$\frac{1}{25}$	$\frac{34}{105}$	$\frac{12}{25}$	$\Phi_{525}^5\ \Phi_{105}^6\ \Phi_{75}^5\ \Phi_{25}\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
145433	1846	75	$\frac{1}{25}$	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{75}^{26}\ \Phi_{25}^{22}\ \Phi_{15}^{26}\ \Phi_5^{21}\ \Phi_3^{26}\ \Phi_1^{22}$
145434	1846	2100	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{12}{25}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{25}\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
145435	1846	1925	$\frac{1}{25}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{12}{25}$	$\Phi_{1925}\ \Phi_{385}\ \Phi_{275}\ \Phi_{77}^2\ \Phi_{55}\ \Phi_{25}\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
145436	1846	400	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{12}{25}$	$\Phi_{400}^5\ \Phi_{200}^5\ \Phi_{100}^5\ \Phi_{80}^6\ \Phi_{40}^6\ \Phi_{25}\ \Phi_{20}^6\ \Phi_{16}^6\ \Phi_8^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
145437	1846	864	$\frac{1}{27}$	$\frac{1}{24}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{864}^3\ \Phi_{288}^3\ \Phi_{216}^3\ \Phi_{108}^3\ \Phi_{96}^2\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145438	1846	3672	$\frac{1}{27}$	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
145439	1846	1764	$\frac{1}{42}$	$\frac{41}{882}$	$\frac{1}{3}$	$\frac{841}{1764}$	$\Phi_{1764}^2\ \Phi_{588}^2\ \Phi_{252}^2\ \Phi_{196}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145440	1846	5280	$\frac{1}{44}$	$\frac{43}{880}$	$\frac{1}{3}$	$\frac{837}{1760}$	$\Phi_{5280}\ \Phi_{1056}\ \Phi_{480}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
145441	1846	135	$\frac{1}{45}$	$\frac{7}{135}$	$\frac{44}{135}$	$\frac{64}{135}$	$\Phi_{135}^{14}\ \Phi_{45}^{13}\ \Phi_{27}^{14}\ \Phi_{15}^{13}\ \Phi_9^{13}\ \Phi_5^{13}\ \Phi_3^{13}\ \Phi_1^{14}$
145442	1846	135	$\frac{7}{135}$	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{64}{135}$	$\Phi_{135}^{13}\ \Phi_{45}^{13}\ \Phi_{27}^{13}\ \Phi_{15}^{19}\ \Phi_9^{13}\ \Phi_5^{19}\ \Phi_3^{19}\ \Phi_1^{20}$
145443	1846	75	$\frac{4}{75}$	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{7}{15}$	$\Phi_{75}^{26}\ \Phi_{25}^{26}\ \Phi_{15}^{19}\ \Phi_5^{19}\ \Phi_3^{19}\ \Phi_1^{20}$
145444	1846	1260	$\frac{1}{45}$	$\frac{22}{315}$	$\frac{337}{1260}$	$\frac{293}{630}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
145445	1846	82	$\frac{2}{41}$	$\frac{3}{41}$	$\frac{11}{82}$	$\frac{19}{41}$	$\Phi_{82}^{26}\ \Phi_{41}^{19}\ \Phi_2^{26}\ \Phi_1^{20}$
145446	1846	132	$\frac{1}{66}$	$\frac{5}{66}$	$\frac{1}{3}$	$\frac{61}{132}$	$\Phi_{132}^{26}\ \Phi_{66}^2\ \Phi_{44}^{26}\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{12}^{26}\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^{26}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145447	1846	1188	$\frac{1}{27}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{1188}^3\ \Phi_{396}^3\ \Phi_{132}^2\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{44}^2\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145448	1846	924	$\frac{1}{14}$	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{61}{132}$	$\Phi_{924}^4\ \Phi_{308}^4\ \Phi_{154}\ \Phi_{132}^2\ \Phi_{84}^4\ \Phi_{77}\ \Phi_{44}^2\ \Phi_{28}^4\ \Phi_{22}\ \Phi_{12}^2\ \Phi_4^2$
145449	1846	546	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{7}{78}$	$\frac{6}{13}$	$\Phi_{546}^4\ \Phi_{273}^4\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{78}^2\ \Phi_{42}^4\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{21}^4\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
145450	1846	950	$\frac{27}{950}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{950}^2\ \Phi_{475}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{38}^2\ \Phi_{25}^2\ \Phi_{19}^2\ \Phi_5\ \Phi_1^2$
145451	1846	72	$\frac{1}{72}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{72}^{26}\ \Phi_{36}^{26}\ \Phi_{24}^{24}\ \Phi_{18}^{26}\ \Phi_{12}^{26}\ \Phi_9^{26}\ \Phi_8^{24}\ \Phi_6^{26}\ \Phi_4^{26}\ \Phi_3^{25}\ \Phi_2^{26}\ \Phi_1^{26}$
145452	1846	1128	$\frac{1}{47}$	$\frac{1}{12}$	$\frac{23}{94}$	$\frac{11}{24}$	$\Phi_{1128}^3\ \Phi_{376}^3\ \Phi_{94}^2\ \Phi_{47}\ \Phi_{24}^4\ \Phi_8^4\ \Phi_2^2\ \Phi_1^2$
145453	1846	5082	$\frac{1}{77}$	$\frac{76}{847}$	$\frac{1}{3}$	$\frac{771}{1694}$	$\Phi_{5082}\ \Phi_{726}\ \Phi_{462}\ \Phi_{231}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{21}\ \Phi_6$
145454	1846	154	$\frac{1}{14}$	$\frac{6}{77}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{154}^{13}\ \Phi_{77}^{11}\ \Phi_{22}^{13}\ \Phi_{14}^{12}\ \Phi_{11}^{12}\ \Phi_7^{10}\ \Phi_2^{12}\ \Phi_1^{12}$
145455	1846	910	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{59}{130}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{70}^2\ \Phi_{65}^2\ \Phi_{35}^2\ \Phi_{26}\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^2$
145456	1846	1680	$\frac{1}{84}$	$\frac{83}{840}$	$\frac{1}{3}$	$\frac{757}{1680}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145457	1846	1665	$\frac{4}{185}$	$\frac{181}{1665}$	$\frac{1}{5}$	$\frac{742}{1665}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{333}\ \Phi_{185}^2\ \Phi_{111}\ \Phi_{45}\ \Phi_{37}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
145458	1846	3456	$\frac{1}{27}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
145459	1846	1377	$\frac{5}{459}$	$\frac{1}{9}$	$\frac{454}{1377}$	$\frac{4}{9}$	$\Phi_{1377}^2\ \Phi_{81}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
145460	1846	72	$\frac{1}{72}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{72}^{26}\ \Phi_{36}^{26}\ \Phi_{24}^{24}\ \Phi_{18}^{26}\ \Phi_{12}^{26}\ \Phi_9^{25}\ \Phi_8^{26}\ \Phi_6^{24}\ \Phi_4^{26}\ \Phi_3^{25}\ \Phi_2^{24}\ \Phi_1^{26}$
145461	1846	1224	$\frac{5}{306}$	$\frac{1}{9}$	$\frac{301}{1224}$	$\frac{4}{9}$	$\Phi_{1224}^2\ \Phi_{612}^2\ \Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{72}^2\ \Phi_{68}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
145462	1846	945	$\frac{22}{945}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
145463	1846	1071	$\frac{5}{153}$	$\frac{1}{9}$	$\frac{148}{1071}$	$\frac{4}{9}$	$\Phi_{1071}^2\ \Phi_{357}^2\ \Phi_{119}^2\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
145464	1846	972	$\frac{49}{972}$	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
145465	1846	2160	$\frac{1}{27}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
145466	1846	378	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{378}^9\ \Phi_{126}^8\ \Phi_{54}^9\ \Phi_{42}^8\ \Phi_{27}^8\ \Phi_{18}^8\ \Phi_{14}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
145467	1846	1620	$\frac{1}{45}$	$\frac{113}{810}$	$\frac{22}{135}$	$\frac{697}{1620}$	$\Phi_{1620}^2\ \Phi_{540}^2\ \Phi_{324}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
145468	1846	1617	$\frac{2}{231}$	$\frac{229}{1617}$	$\frac{1}{3}$	$\frac{694}{1617}$	$\Phi_{1617}\ \Phi_{539}\ \Phi_{231}^2\ \Phi_{147}\ \Phi_{77}^2\ \Phi_{49}\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
145469	1846	123	$\frac{2}{41}$	$\frac{3}{41}$	$\frac{19}{123}$	$\frac{52}{123}$	$\Phi_{123}^{13}\ \Phi_{41}^{19}\ \Phi_3^{13}\ \Phi_1^{20}$
145470	1846	1080	$\frac{1}{45}$	$\frac{157}{1080}$	$\frac{22}{135}$	$\frac{113}{270}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
145471	1846	1584	$\frac{1}{132}$	$\frac{131}{792}$	$\frac{1}{3}$	$\frac{661}{1584}$	$\Phi_{1584}^2\ \Phi_{528}^2\ \Phi_{176}^2\ \Phi_{144}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145472	1846	1575	$\frac{1}{45}$	$\frac{44}{315}$	$\frac{271}{1575}$	$\frac{652}{1575}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}^2\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}^2\ \Phi_{75}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{25}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_9\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
145473	1846	1080	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{1080}^3\ \Phi_{360}^3\ \Phi_{216}^3\ \Phi_{120}^2\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145474	1846	4620	$\frac{1}{154}$	$\frac{153}{770}$	$\frac{1}{3}$	$\frac{617}{1540}$	$\Phi_{4620}\ \Phi_{924}\ \Phi_{660}\ \Phi_{462}\ \Phi_{420}\ \Phi_{231}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{60}\ \Phi_{42}\ \Phi_{33}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
145475	1846	1380	$\frac{3}{460}$	$\frac{1}{5}$	$\frac{457}{1380}$	$\frac{2}{5}$	$\Phi_{1380}^2\ \Phi_{690}^2\ \Phi_{345}^2\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
145476	1846	930	$\frac{7}{930}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{310}^2\ \Phi_{186}^2\ \Phi_{155}^2\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
145477	1846	1150	$\frac{3}{230}$	$\frac{227}{1150}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1150}^2\ \Phi_{575}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
145478	1846	940	$\frac{17}{940}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{940}^2\ \Phi_{470}^2\ \Phi_{235}^2\ \Phi_{188}^2\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_5\ \Phi_1^2$
145479	1846	1035	$\frac{3}{115}$	$\frac{112}{1035}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1035}^2\ \Phi_{345}^2\ \Phi_{207}^2\ \Phi_{69}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
145480	1846	960	$\frac{37}{960}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
145481	1846	960	$\frac{37}{960}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145482	1846	1480	$\frac{2}{185}$	$\frac{1}{5}$	$\frac{183}{740}$	$\frac{557}{1480}$	$\Phi_{1480}^2\ \Phi_{296}^2\ \Phi_{185}^2\ \Phi_{40}^2\ \Phi_{37}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
145483	1846	2784	$\frac{5}{928}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2784}\ \Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{96}\ \Phi_{87}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
145484	1846	1476	$\frac{1}{123}$	$\frac{61}{246}$	$\frac{185}{738}$	$\frac{553}{1476}$	$\Phi_{1476}^2\ \Phi_{492}^2\ \Phi_{246}^2\ \Phi_{164}^2\ \Phi_{123}\ \Phi_{82}^2\ \Phi_{41}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145485	1846	108	$\frac{1}{27}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{108}^{26}\ \Phi_{54}^9\ \Phi_{36}^{26}\ \Phi_{27}^8\ \Phi_{18}^8\ \Phi_{12}^{26}\ \Phi_9^7\ \Phi_6^8\ \Phi_4^{26}\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
145486	1846	1395	$\frac{14}{465}$	$\frac{1}{15}$	$\frac{451}{1395}$	$\frac{472}{1395}$	$\Phi_{1395}\ \Phi_{465}^2\ \Phi_{279}\ \Phi_{155}^2\ \Phi_{93}^2\ \Phi_{45}\ \Phi_{31}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
145487	1846	1386	$\frac{1}{231}$	$\frac{230}{693}$	$\frac{1}{3}$	$\frac{463}{1386}$	$\Phi_{1386}^2\ \Phi_{462}^2\ \Phi_{231}^2\ \Phi_{198}^2\ \Phi_{154}^2\ \Phi_{126}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145488	1846	360	$\frac{1}{72}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^6\ \Phi_{90}^6\ \Phi_{72}^2\ \Phi_{60}^6\ \Phi_{45}^6\ \Phi_{40}^6\ \Phi_{36}^2\ \Phi_{30}^6\ \Phi_{24}^2\ \Phi_{20}^6\ \Phi_{18}^2\ \Phi_{15}^4\ \Phi_{12}^2\ \Phi_{10}^6\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^4\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145489	1846	1380	$\frac{3}{460}$	$\frac{1}{4}$	$\frac{457}{1380}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}^2\ \Phi_{345}\ \Phi_{276}\ \Phi_{230}^2\ \Phi_{138}\ \Phi_{115}^2\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{60}\ \Phi_{46}^2\ \Phi_{30}\ \Phi_{23}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145490	1846	1188	$\frac{1}{132}$	$\frac{265}{1188}$	$\frac{131}{396}$	$\frac{1}{3}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{297}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145491	1846	1008	$\frac{1}{42}$	$\frac{85}{1008}$	$\frac{41}{126}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145492	1846	1368	$\frac{11}{456}$	$\frac{1}{12}$	$\frac{445}{1368}$	$\frac{1}{3}$	$\Phi_{1368}^2\ \Phi_{684}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145493	1846	210	$\frac{1}{35}$	$\frac{1}{14}$	$\frac{34}{105}$	$\frac{1}{3}$	$\Phi_{210}^7\ \Phi_{105}^6\ \Phi_{70}^{14}\ \Phi_{42}^8\ \Phi_{35}^{12}\ \Phi_{30}^7\ \Phi_{21}^7\ \Phi_{15}^6\ \Phi_{14}^{14}\ \Phi_{10}^{14}\ \Phi_7^{12}\ \Phi_6^8\ \Phi_5^{12}\ \Phi_3^6\ \Phi_2^{14}\ \Phi_1^{12}$
145494	1846	990	$\frac{1}{33}$	$\frac{67}{990}$	$\frac{32}{99}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145495	1846	1344	$\frac{1}{28}$	$\frac{27}{448}$	$\frac{421}{1344}$	$\frac{1}{3}$	$\Phi_{1344}\ \Phi_{672}\ \Phi_{448}^2\ \Phi_{336}\ \Phi_{224}^2\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{96}\ \Phi_{84}^2\ \Phi_{64}^2\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145496	1846	945	$\frac{22}{945}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
145497	1846	1320	$\frac{1}{44}$	$\frac{43}{440}$	$\frac{397}{1320}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}^2\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{120}\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145498	1846	72	$\frac{1}{72}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{72}^{26}\ \Phi_{36}^{26}\ \Phi_{24}^{26}\ \Phi_{18}^{24}\ \Phi_{12}^{26}\ \Phi_9^{24}\ \Phi_8^{26}\ \Phi_6^{26}\ \Phi_4^{26}\ \Phi_3^{25}\ \Phi_2^{26}\ \Phi_1^{26}$
145499	1846	1260	$\frac{1}{84}$	$\frac{83}{420}$	$\frac{337}{1260}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145500	1846	144	$\frac{1}{72}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{144}^{16}\ \Phi_{72}^{10}\ \Phi_{48}^{15}\ \Phi_{36}^{10}\ \Phi_{24}^9\ \Phi_{18}^{10}\ \Phi_{16}^{16}\ \Phi_{12}^{10}\ \Phi_9^{10}\ \Phi_8^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
145501	1846	1104	$\frac{3}{184}$	$\frac{181}{1104}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1104}^2\ \Phi_{552}\ \Phi_{368}^2\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{48}^2\ \Phi_{46}^2\ \Phi_{24}\ \Phi_{23}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145502	1846	2820	$\frac{17}{940}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{705}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{12}\ \Phi_6$
145503	1846	3036	$\frac{3}{92}$	$\frac{89}{1012}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3036}\ \Phi_{1518}\ \Phi_{759}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
145504	1846	960	$\frac{37}{960}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145505	1846	1224	$\frac{5}{306}$	$\frac{1}{6}$	$\frac{301}{1224}$	$\frac{1}{3}$	$\Phi_{1224}^2\ \Phi_{612}^2\ \Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{72}^2\ \Phi_{68}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145506	1846	1410	$\frac{1}{47}$	$\frac{2}{15}$	$\frac{23}{94}$	$\frac{1}{3}$	$\Phi_{1410}^2\ \Phi_{705}\ \Phi_{470}^2\ \Phi_{235}\ \Phi_{94}^2\ \Phi_{47}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
145507	1846	1056	$\frac{1}{44}$	$\frac{133}{1056}$	$\frac{43}{176}$	$\frac{1}{3}$	$\Phi_{1056}^2\ \Phi_{528}\ \Phi_{352}^2\ \Phi_{264}\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{96}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
145508	1846	1218	$\frac{19}{609}$	$\frac{2}{21}$	$\frac{295}{1218}$	$\frac{1}{3}$	$\Phi_{1218}^2\ \Phi_{609}\ \Phi_{406}^2\ \Phi_{203}\ \Phi_{174}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{42}^2\ \Phi_{29}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145509	1846	1008	$\frac{1}{28}$	$\frac{85}{1008}$	$\frac{27}{112}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}\ \Phi_{252}^2\ \Phi_{168}\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145510	1846	960	$\frac{37}{960}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145511	1846	1188	$\frac{1}{33}$	$\frac{32}{297}$	$\frac{265}{1188}$	$\frac{1}{3}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145512	1846	1176	$\frac{1}{42}$	$\frac{41}{294}$	$\frac{253}{1176}$	$\frac{1}{3}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{392}^2\ \Phi_{196}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145513	1846	1050	$\frac{4}{75}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_2^2$
145514	1846	3300	$\frac{1}{44}$	$\frac{177}{1100}$	$\frac{43}{220}$	$\frac{1}{3}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{825}\ \Phi_{300}\ \Phi_{150}\ \Phi_{132}\ \Phi_{75}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
145515	1846	1140	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{217}{1140}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145516	1846	990	$\frac{2}{33}$	$\frac{67}{990}$	$\frac{31}{165}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145517	1846	2940	$\frac{57}{980}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{735}\ \Phi_{588}\ \Phi_{420}\ \Phi_{294}\ \Phi_{147}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
145518	1846	3360	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{197}{1120}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{480}\ \Phi_{420}\ \Phi_{240}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
145519	1846	1020	$\frac{5}{102}$	$\frac{97}{1020}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{204}^2\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145520	1846	972	$\frac{49}{972}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145521	1846	84	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1}{3}$	$\Phi_{84}^{26}\ \Phi_{42}^{14}\ \Phi_{28}^{26}\ \Phi_{21}^{14}\ \Phi_{14}^{26}\ \Phi_{12}^{26}\ \Phi_7^{26}\ \Phi_6^{14}\ \Phi_4^{26}\ \Phi_3^{13}\ \Phi_2^{26}\ \Phi_1^{26}$
145522	1846	1089	$\frac{2}{33}$	$\frac{31}{363}$	$\frac{166}{1089}$	$\frac{1}{3}$	$\Phi_{1089}^2\ \Phi_{363}\ \Phi_{121}\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
145523	1846	462	$\frac{1}{14}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{462}^7\ \Phi_{231}^6\ \Phi_{66}^7\ \Phi_{42}\ \Phi_{33}^6\ \Phi_{21}\ \Phi_6$
145524	1846	1680	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{3}$	$\Phi_{1680}^2\ \Phi_{840}^2\ \Phi_{420}^2\ \Phi_{336}^2\ \Phi_{240}\ \Phi_{168}^2\ \Phi_{120}\ \Phi_{84}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
145525	1846	1110	$\frac{4}{185}$	$\frac{187}{1110}$	$\frac{1}{5}$	$\frac{181}{555}$	$\Phi_{1110}^2\ \Phi_{555}\ \Phi_{370}^2\ \Phi_{222}^2\ \Phi_{185}^2\ \Phi_{111}\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145526	1846	105	$\frac{1}{35}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{34}{105}$	$\Phi_{105}^{16}\ \Phi_{35}^{20}\ \Phi_{21}^{16}\ \Phi_{15}^{18}\ \Phi_7^{20}\ \Phi_5^{21}\ \Phi_3^{18}\ \Phi_1^{22}$
145527	1846	1350	$\frac{23}{450}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{427}{1350}$	$\Phi_{1350}^2\ \Phi_{675}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145528	1846	1350	$\frac{23}{450}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{427}{1350}$	$\Phi_{1350}^2\ \Phi_{675}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
145529	1846	75	$\frac{4}{75}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{75}$	$\Phi_{75}^{24}\ \Phi_{25}^{26}\ \Phi_{15}^{24}\ \Phi_5^{25}\ \Phi_3^{24}\ \Phi_1^{26}$
145530	1846	2310	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{23}{165}$	$\frac{10}{33}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{330}\ \Phi_{210}\ \Phi_{154}\ \Phi_{110}\ \Phi_{105}\ \Phi_{77}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{22}\ \Phi_{10}$
145531	1846	1386	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{28}{99}$	$\Phi_{1386}^2\ \Phi_{693}^2\ \Phi_{198}^2\ \Phi_{154}\ \Phi_{126}^2\ \Phi_{77}\ \Phi_{63}^2\ \Phi_{22}\ \Phi_{18}^2$
145532	1846	1215	$\frac{1}{45}$	$\frac{22}{135}$	$\frac{292}{1215}$	$\frac{113}{405}$	$\Phi_{1215}^2\ \Phi_{243}^2\ \Phi_{135}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
145533	1846	846	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{23}{94}$	$\frac{5}{18}$	$\Phi_{846}^3\ \Phi_{423}^3\ \Phi_{94}^2\ \Phi_{47}\ \Phi_{18}^4\ \Phi_9^4\ \Phi_2^2\ \Phi_1^2$
145534	1846	2730	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{195}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{273}\ \Phi_{210}\ \Phi_{182}\ \Phi_{105}\ \Phi_{91}\ \Phi_{78}\ \Phi_{42}\ \Phi_{30}\ \Phi_{26}\ \Phi_{21}\ \Phi_6$
145535	1846	864	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^2\ \Phi_{216}^3\ \Phi_{144}^2\ \Phi_{108}^3\ \Phi_{96}\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{48}\ \Phi_{36}^3\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145536	1846	990	$\frac{1}{15}$	$\frac{67}{990}$	$\frac{7}{30}$	$\frac{23}{90}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145537	1846	752	$\frac{1}{47}$	$\frac{3}{16}$	$\frac{23}{94}$	$\frac{1}{4}$	$\Phi_{752}^3\ \Phi_{376}^3\ \Phi_{94}^2\ \Phi_{47}\ \Phi_{16}^4\ \Phi_8^4\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
145538	1846	1200	$\frac{1}{15}$	$\frac{23}{300}$	$\frac{277}{1200}$	$\frac{7}{30}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145539	1846	1050	$\frac{1}{15}$	$\frac{127}{1050}$	$\frac{23}{150}$	$\frac{7}{30}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145540	1846	1080	$\frac{1}{15}$	$\frac{23}{180}$	$\frac{157}{1080}$	$\frac{7}{30}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
145541	1846	1200	$\frac{23}{300}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{277}{1200}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
145542	1846	1000	$\frac{77}{1000}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{100}$	$\Phi_{1000}^2\ \Phi_{500}^2\ \Phi_{250}^2\ \Phi_{200}^2\ \Phi_{125}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
145543	1846	616	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{17}{88}$	$\frac{5}{22}$	$\Phi_{616}^4\ \Phi_{308}^4\ \Phi_{154}\ \Phi_{88}^2\ \Phi_{77}\ \Phi_{56}^4\ \Phi_{44}^2\ \Phi_{28}^4\ \Phi_{22}\ \Phi_8^2\ \Phi_4^2$
145544	1846	90	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{7}{45}$	$\frac{19}{90}$	$\Phi_{90}^{26}\ \Phi_{45}^{13}\ \Phi_{30}^{26}\ \Phi_{18}^{26}\ \Phi_{15}^{19}\ \Phi_{10}^{26}\ \Phi_9^{13}\ \Phi_6^{26}\ \Phi_5^{19}\ \Phi_3^{19}\ \Phi_2^{26}\ \Phi_1^{20}$
145545	1846	75	$\frac{4}{75}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{75}^{26}\ \Phi_{25}^{26}\ \Phi_{15}^{18}\ \Phi_5^{21}\ \Phi_3^{18}\ \Phi_1^{22}$
145546	1846	1125	$\frac{2}{25}$	$\frac{23}{225}$	$\frac{202}{1125}$	$\frac{1}{5}$	$\Phi_{1125}^2\ \Phi_{375}^2\ \Phi_{125}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
145547	1846	420	$\frac{1}{14}$	$\frac{2}{15}$	$\frac{13}{84}$	$\frac{1}{5}$	$\Phi_{420}^5\ \Phi_{210}^3\ \Phi_{140}^5\ \Phi_{105}^3\ \Phi_{84}^6\ \Phi_{70}^4\ \Phi_{60}^5\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^3\ \Phi_{28}^6\ \Phi_{21}^4\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{14}^4\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5^5\ \Phi_4^6\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
145548	1846	1050	$\frac{2}{25}$	$\frac{127}{1050}$	$\frac{23}{150}$	$\frac{1}{5}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
145549	1846	1155	$\frac{6}{77}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{1155}^2\ \Phi_{385}\ \Phi_{231}^2\ \Phi_{165}^2\ \Phi_{77}^2\ \Phi_{55}\ \Phi_{33}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
145550	1846	240	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{240}^{10}\ \Phi_{120}^{10}\ \Phi_{80}^6\ \Phi_{60}^{10}\ \Phi_{48}^{10}\ \Phi_{40}^6\ \Phi_{24}^{10}\ \Phi_{20}^6\ \Phi_{16}^6\ \Phi_{15}^2\ \Phi_{12}^{10}\ \Phi_8^6\ \Phi_5\ \Phi_4^6\ \Phi_3^2\ \Phi_1^2$
145551	1847	3408	$\frac{1}{142}$	$\frac{143}{1704}$	$\frac{1561}{3408}$	$\frac{141}{284}$	$\Phi_{3408}\ \Phi_{1136}\ \Phi_{284}\ \Phi_{48}\ \Phi_{16}\ \Phi_4\ \Phi_1$
145552	1847	2556	$\frac{1}{142}$	$\frac{143}{852}$	$\frac{709}{2556}$	$\frac{141}{284}$	$\Phi_{2556}\ \Phi_{1278}\ \Phi_{639}\ \Phi_{284}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
145553	1847	2272	$\frac{1}{142}$	$\frac{425}{2272}$	$\frac{143}{568}$	$\frac{141}{284}$	$\Phi_{2272}\ \Phi_{1136}\ \Phi_{284}\ \Phi_{32}\ \Phi_{16}\ \Phi_4\ \Phi_1$
145554	1847	3640	$\frac{27}{1820}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{1793}{3640}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{280}\ \Phi_{104}\ \Phi_{56}\ \Phi_{52}\ \Phi_{40}\ \Phi_8\ \Phi_4\ \Phi_1$
145555	1847	3588	$\frac{53}{1794}$	$\frac{1}{26}$	$\frac{25}{78}$	$\frac{1741}{3588}$	$\Phi_{3588}\ \Phi_{1196}\ \Phi_{276}\ \Phi_{156}\ \Phi_{92}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
145556	1847	2184	$\frac{1}{26}$	$\frac{27}{364}$	$\frac{337}{2184}$	$\frac{25}{52}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{312}\ \Phi_{273}\ \Phi_{168}\ \Phi_{156}\ \Phi_{104}\ \Phi_{84}\ \Phi_{78}\ \Phi_{56}\ \Phi_{52}\ \Phi_{42}\ \Phi_{39}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
145557	1847	2080	$\frac{1}{26}$	$\frac{27}{260}$	$\frac{233}{2080}$	$\frac{25}{52}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{208}\ \Phi_{160}\ \Phi_{104}\ \Phi_{80}\ \Phi_{52}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
145558	1847	2496	$\frac{1}{26}$	$\frac{25}{624}$	$\frac{649}{2496}$	$\frac{599}{1248}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{192}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{64}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
145559	1847	3536	$\frac{1}{26}$	$\frac{79}{1768}$	$\frac{25}{104}$	$\frac{1689}{3536}$	$\Phi_{3536}\ \Phi_{272}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
145560	1847	2028	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{181}{2028}$	$\frac{157}{338}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{676}\ \Phi_{507}\ \Phi_{169}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
145561	1847	3432	$\frac{1}{26}$	$\frac{131}{1716}$	$\frac{25}{156}$	$\frac{1585}{3432}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{264}\ \Phi_{156}\ \Phi_{104}\ \Phi_{88}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
145562	1847	3432	$\frac{131}{1716}$	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1585}{3432}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{264}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}\ \Phi_{24}\ \Phi_{11}\ \Phi_8\ \Phi_1$
145563	1847	2002	$\frac{1}{13}$	$\frac{155}{2002}$	$\frac{12}{143}$	$\frac{131}{286}$	$\Phi_{2002}\ \Phi_{1001}\ \Phi_{182}\ \Phi_{154}\ \Phi_{143}\ \Phi_{91}\ \Phi_{77}\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_1$
145564	1847	3408	$\frac{1}{71}$	$\frac{143}{1704}$	$\frac{70}{213}$	$\frac{1561}{3408}$	$\Phi_{3408}\ \Phi_{1136}\ \Phi_{213}\ \Phi_{48}\ \Phi_{16}\ \Phi_3\ \Phi_1$
145565	1847	3380	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{157}{1690}$	$\frac{1533}{3380}$	$\Phi_{3380}\ \Phi_{676}\ \Phi_{260}\ \Phi_{169}\ \Phi_{52}\ \Phi_{20}\ \Phi_4\ \Phi_1$
145566	1847	2556	$\frac{1}{71}$	$\frac{70}{639}$	$\frac{709}{2556}$	$\frac{569}{1278}$	$\Phi_{2556}\ \Phi_{852}\ \Phi_{639}\ \Phi_{284}\ \Phi_{213}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
145567	1847	3328	$\frac{1}{26}$	$\frac{183}{1664}$	$\frac{25}{208}$	$\frac{1481}{3328}$	$\Phi_{3328}\ \Phi_{256}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
145568	1847	2080	$\frac{1}{26}$	$\frac{233}{2080}$	$\frac{25}{208}$	$\frac{183}{416}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}\ \Phi_{160}\ \Phi_{130}\ \Phi_{104}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
145569	1847	3276	$\frac{1}{26}$	$\frac{25}{234}$	$\frac{209}{1638}$	$\frac{1429}{3276}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
145570	1847	3120	$\frac{1}{26}$	$\frac{25}{312}$	$\frac{287}{1560}$	$\frac{1273}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{312}\ \Phi_{240}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{80}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
145571	1847	2808	$\frac{1}{26}$	$\frac{25}{468}$	$\frac{443}{1404}$	$\frac{961}{2808}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{216}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
145572	1847	2130	$\frac{1}{71}$	$\frac{283}{2130}$	$\frac{70}{213}$	$\frac{143}{426}$	$\Phi_{2130}\ \Phi_{1065}\ \Phi_{710}\ \Phi_{355}\ \Phi_{213}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
145573	1847	2556	$\frac{1}{71}$	$\frac{143}{852}$	$\frac{709}{2556}$	$\frac{70}{213}$	$\Phi_{2556}\ \Phi_{1278}\ \Phi_{639}\ \Phi_{213}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
145574	1847	2145	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{298}{2145}$	$\frac{131}{429}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{195}\ \Phi_{165}\ \Phi_{143}\ \Phi_{65}\ \Phi_{55}\ \Phi_{15}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}$
145575	1847	2574	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{131}{858}$	$\frac{727}{2574}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{234}\ \Phi_{198}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
145576	1847	2535	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{157}{845}$	$\frac{688}{2535}$	$\Phi_{2535}\ \Phi_{507}\ \Phi_{195}\ \Phi_{169}\ \Phi_{39}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
145577	1847	2496	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{183}{832}$	$\frac{649}{2496}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{192}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
145578	1847	2288	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{441}{2288}$	$\frac{131}{572}$	$\Phi_{2288}\ \Phi_{1144}\ \Phi_{208}\ \Phi_{176}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
145579	1848	1383	$\frac{1}{461}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{230}{461}$	$\Phi_{1383}\ \Phi_{461}^2\ \Phi_{3}^2\ \Phi_{1}^4$
145580	1848	1847	$\frac{5}{1847}$	$\frac{463}{1847}$	$\frac{692}{1847}$	$\frac{921}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$
145581	1848	2775	$\frac{3}{925}$	$\frac{232}{925}$	$\frac{1}{3}$	$\frac{461}{925}$	$\Phi_{2775}\ \Phi_{555}\ \Phi_{111}\ \Phi_{75}\ \Phi_{15}$
145582	1848	1535	$\frac{1}{307}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{153}{307}$	$\Phi_{1535}\ \Phi_{307}^2\ \Phi_{5}^2\ \Phi_{1}^4$
145583	1848	3684	$\frac{1}{307}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{153}{307}$	$\Phi_{3684}\ \Phi_{1842}\ \Phi_{12}^2\ \Phi_{6}^2$
145584	1848	1847	$\frac{7}{1847}$	$\frac{309}{1847}$	$\frac{769}{1847}$	$\frac{920}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$
145585	1848	3156	$\frac{1}{263}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{131}{263}$	$\Phi_{3156}\ \Phi_{1052}\ \Phi_{263}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
145586	1848	2367	$\frac{1}{263}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{131}{263}$	$\Phi_{2367}\ \Phi_{263}\ \Phi_{9}^2\ \Phi_{1}^2$
145587	1848	3220	$\frac{1}{230}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{229}{460}$	$\Phi_{3220}\ \Phi_{644}\ \Phi_{460}^2\ \Phi_{140}\ \Phi_{92}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
145588	1848	1380	$\frac{1}{230}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{229}{460}$	$\Phi_{1380}^4\ \Phi_{276}^4\ \Phi_{60}^4\ \Phi_{15}\ \Phi_{12}^4$
145589	1848	2468	$\frac{3}{617}$	$\frac{1}{4}$	$\frac{155}{617}$	$\frac{307}{617}$	$\Phi_{2468}\ \Phi_{1234}$
145590	1848	1847	$\frac{9}{1847}$	$\frac{461}{1847}$	$\frac{464}{1847}$	$\frac{919}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$
145591	1848	555	$\frac{1}{185}$	$\frac{31}{185}$	$\frac{1}{3}$	$\frac{92}{185}$	$\Phi_{555}^5\ \Phi_{111}^5\ \Phi_{15}^5\ \Phi_{3}^4$
145592	1848	3340	$\frac{1}{167}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{83}{167}$	$\Phi_{3340}\ \Phi_{668}\ \Phi_{167}\ \Phi_{20}^2\ \Phi_{4}^2\ \Phi_{1}^2$
145593	1848	2505	$\frac{1}{167}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{83}{167}$	$\Phi_{2505}\ \Phi_{501}\ \Phi_{167}\ \Phi_{15}^2\ \Phi_{3}^2\ \Phi_{1}^2$
145594	1848	1683	$\frac{1}{153}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{76}{153}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}^2\ \Phi_{99}\ \Phi_{51}^2\ \Phi_{33}\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
145595	1848	1071	$\frac{1}{153}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{76}{153}$	$\Phi_{1071}^2\ \Phi_{357}^2\ \Phi_{119}^2\ \Phi_{63}^2\ \Phi_{21}^3\ \Phi_{7}^2$
145596	1848	1683	$\frac{1}{153}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{76}{153}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}^2\ \Phi_{99}\ \Phi_{51}^2\ \Phi_{33}\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
145597	1848	3060	$\frac{1}{153}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{76}{153}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{180}\ \Phi_{170}\ \Phi_{90}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
145598	1848	1847	$\frac{13}{1847}$	$\frac{155}{1847}$	$\frac{846}{1847}$	$\frac{917}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$
145599	1848	1703	$\frac{1}{131}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{65}{131}$	$\Phi_{1703}\ \Phi_{131}^2\ \Phi_{13}^2\ \Phi_{1}^4$
145600	1848	3144	$\frac{1}{131}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{65}{131}$	$\Phi_{3144}\ \Phi_{1572}\ \Phi_{786}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
145601	1848	1847	$\frac{15}{1847}$	$\frac{133}{1847}$	$\frac{857}{1847}$	$\frac{916}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$
145602	1848	1847	$\frac{17}{1847}$	$\frac{233}{1847}$	$\frac{538}{1847}$	$\frac{915}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$
145603	1848	721	$\frac{1}{103}$	$\frac{1}{7}$	$\frac{26}{103}$	$\frac{51}{103}$	$\Phi_{721}^3\ \Phi_{7}^2$
145604	1848	1847	$\frac{19}{1847}$	$\frac{311}{1847}$	$\frac{384}{1847}$	$\frac{914}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$
145605	1848	2315	$\frac{5}{463}$	$\frac{78}{463}$	$\frac{1}{5}$	$\frac{229}{463}$	Φ_{2315}
145606	1848	2120	$\frac{3}{265}$	$\frac{1}{8}$	$\frac{67}{265}$	$\frac{131}{265}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{424}\ \Phi_{212}\ \Phi_{106}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
145607	1848	2468	$\frac{7}{617}$	$\frac{78}{617}$	$\frac{1}{4}$	$\frac{305}{617}$	$\Phi_{2468}\ \Phi_{1234}$
145608	1848	1847	$\frac{21}{1847}$	$\frac{230}{1847}$	$\frac{467}{1847}$	$\frac{913}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
145609	1848	3480	$\frac{1}{87}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{43}{87}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{696}\ \Phi_{232}\ \Phi_{120}\ \Phi_{87}\ \Phi_{40}^2\ \Phi_{29}\ \Phi_{24}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
145610	1848	870	$\frac{1}{87}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{43}{87}$	$\Phi_{870}^2\ \Phi_{435}^2\ \Phi_{290}^2\ \Phi_{174}^2\ \Phi_{145}^2\ \Phi_{87}^3\ \Phi_{58}^2\ \Phi_{30}^2\ \Phi_{29}^3\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_{6}^2\ \Phi_{5}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
145611	1848	696	$\frac{1}{87}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{43}{87}$	$\Phi_{696}^3\ \Phi_{348}^2\ \Phi_{232}^3\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}^3\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_{8}^6\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
145612	1848	2175	$\frac{1}{87}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{43}{87}$	$\Phi_{2175}\ \Phi_{725}\ \Phi_{87}\ \Phi_{75}\ \Phi_{29}\ \Phi_{25}^2\ \Phi_{3}\ \Phi_{1}^2$
145613	1848	2775	$\frac{11}{925}$	$\frac{78}{925}$	$\frac{1}{3}$	$\frac{457}{925}$	$\Phi_{2775}\ \Phi_{555}\ \Phi_{111}\ \Phi_{75}\ \Phi_{15}$
145614	1848	1743	$\frac{1}{83}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{41}{83}$	$\Phi_{1743}\ \Phi_{581}\ \Phi_{249}\ \Phi_{83}^2\ \Phi_{21}^2\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
145615	1848	996	$\frac{1}{83}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{41}{83}$	$\Phi_{996}^2\ \Phi_{498}^2\ \Phi_{332}^2\ \Phi_{249}\ \Phi_{166}^2\ \Phi_{83}^2\ \Phi_{12}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
145616	1848	1162	$\frac{1}{83}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{41}{83}$	$\Phi_{1162}^2\ \Phi_{581}\ \Phi_{166}^2\ \Phi_{83}^2\ \Phi_{14}^4\ \Phi_{7}^2\ \Phi_{2}^4\ \Phi_{1}^4$
145617	1848	1847	$\frac{23}{1847}$	$\frac{85}{1847}$	$\frac{881}{1847}$	$\frac{912}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$
145618	1848	3496	$\frac{1}{76}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{75}{152}$	$\Phi_{3496}\ \Phi_{184}\ \Phi_{152}^2\ \Phi_{23}\ \Phi_{8}^2\ \Phi_{1}^2$
145619	1848	5928	$\frac{1}{76}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{75}{152}$	$\Phi_{5928}\ \Phi_{312}\ \Phi_{39}$
145620	1848	3496	$\frac{1}{76}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{75}{152}$	$\Phi_{3496}\ \Phi_{184}\ \Phi_{152}^2\ \Phi_{23}\ \Phi_{8}^2\ \Phi_{1}^2$
145621	1848	1368	$\frac{1}{76}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{75}{152}$	$\Phi_{1368}^3\ \Phi_{456}^3\ \Phi_{72}^3\ \Phi_{36}\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
145622	1848	3496	$\frac{1}{76}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{75}{152}$	$\Phi_{3496}\ \Phi_{184}\ \Phi_{152}^2\ \Phi_{23}\ \Phi_{8}^2\ \Phi_{1}^2$
145623	1848	5320	$\frac{1}{76}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{75}{152}$	$\Phi_{5320}\ \Phi_{280}\ \Phi_{35}$
145624	1848	1847	$\frac{25}{1847}$	$\frac{197}{1847}$	$\frac{468}{1847}$	$\frac{911}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$
145625	1848	2775	$\frac{13}{925}$	$\frac{67}{925}$	$\frac{1}{3}$	$\frac{456}{925}$	$\Phi_{2775}\ \Phi_{555}\ \Phi_{111}\ \Phi_{75}\ \Phi_{15}$
145626	1848	1755	$\frac{1}{65}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{32}{65}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}\ \Phi_{117}\ \Phi_{65}^2\ \Phi_{45}\ \Phi_{39}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
145627	1848	195	$\frac{1}{65}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{32}{65}$	$\Phi_{195}^9\ \Phi_{65}^{10}\ \Phi_{39}^9\ \Phi_{15}^{11}\ \Phi_{13}^{10}\ \Phi_{5}^{12}\ \Phi_{3}^{10}\ \Phi_{1}^{12}$
145628	1848	585	$\frac{1}{65}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{32}{65}$	$\Phi_{585}^3\ \Phi_{195}^3\ \Phi_{117}^3\ \Phi_{65}^4\ \Phi_{45}^3\ \Phi_{39}^3\ \Phi_{15}^3\ \Phi_{13}^4\ \Phi_{9}^6\ \Phi_{5}^4\ \Phi_{3}^6\ \Phi_{1}^8$
145629	1848	520	$\frac{1}{65}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{32}{65}$	$\Phi_{520}^4\ \Phi_{260}^4\ \Phi_{130}^4\ \Phi_{104}^4\ \Phi_{52}^4\ \Phi_{40}^5\ \Phi_{26}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{2}^4$
145630	1848	1847	$\frac{29}{1847}$	$\frac{67}{1847}$	$\frac{890}{1847}$	$\frac{909}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$
145631	1848	1847	$\frac{29}{1847}$	$\frac{134}{1847}$	$\frac{571}{1847}$	$\frac{909}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$
145632	1848	2028	$\frac{3}{169}$	$\frac{1}{12}$	$\frac{43}{169}$	$\frac{83}{169}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{676}\ \Phi_{507}\ \Phi_{338}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
145633	1848	3520	$\frac{1}{55}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{27}{55}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{64}^2\ \Phi_{55}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^2$
145634	1848	880	$\frac{1}{55}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{27}{55}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{176}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{80}^2\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{16}^4\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_{8}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
145635	1848	660	$\frac{1}{55}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{27}{55}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^2\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{110}^2\ \Phi_{66}^3\ \Phi_{60}^3\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^6\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_{6}^6\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
145636	1848	440	$\frac{1}{55}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{27}{55}$	$\Phi_{440}^4\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{88}^4\ \Phi_{55}^5\ \Phi_{44}^4\ \Phi_{40}^5\ \Phi_{22}^4\ \Phi_{20}^5\ \Phi_{11}^5\ \Phi_{10}^5\ \Phi_{8}^4\ \Phi_{5}^6\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
145637	1848	424	$\frac{1}{53}$	$\frac{1}{8}$	$\frac{9}{53}$	$\frac{26}{53}$	$\Phi_{424}^5\ \Phi_{212}^5\ \Phi_{106}^5\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{2}^4$
145638	1848	1847	$\frac{37}{1847}$	$\frac{219}{1847}$	$\frac{314}{1847}$	$\frac{905}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$
145639	1848	2468	$\frac{13}{617}$	$\frac{45}{617}$	$\frac{1}{4}$	$\frac{302}{617}$	$\Phi_{2468}\ \Phi_{1234}$
145640	1848	1847	$\frac{41}{1847}$	$\frac{125}{1847}$	$\frac{472}{1847}$	$\frac{903}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$
145641	1848	1995	$\frac{3}{133}$	$\frac{1}{15}$	$\frac{34}{133}$	$\frac{65}{133}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{285}\ \Phi_{105}\ \Phi_{95}\ \Phi_{57}\ \Phi_{35}\ \Phi_{21}$
145642	1848	2775	$\frac{21}{925}$	$\frac{43}{925}$	$\frac{1}{3}$	$\frac{452}{925}$	$\Phi_{2775}\ \Phi_{555}\ \Phi_{111}\ \Phi_{75}\ \Phi_{15}$
145643	1848	1763	$\frac{1}{43}$	$\frac{1}{41}$	$\frac{20}{41}$	$\frac{21}{43}$	$\Phi_{1763}\ \Phi_{43}^2\ \Phi_{41}^2\ \Phi_{1}^4$
145644	1848	2838	$\frac{1}{43}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{2838}\ \Phi_{1419}\ \Phi_{258}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{6}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
145645	1848	1763	$\frac{1}{43}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{21}{43}$	$\Phi_{1763}\ \Phi_{43}^2\ \Phi_{41}^2\ \Phi_1^4$
145646	1848	2580	$\frac{1}{43}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{21}{43}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{860}\ \Phi_{516}\ \Phi_{430}\ \Phi_{258}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2$
145647	1848	1763	$\frac{1}{43}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{21}{43}$	$\Phi_{1763}\ \Phi_{43}^2\ \Phi_{41}^2\ \Phi_1^4$
145648	1848	2408	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{21}{43}$	$\Phi_{2408}\ \Phi_{1204}\ \Phi_{602}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2$
145649	1848	1847	$\frac{43}{1847}$	$\frac{45}{1847}$	$\frac{901}{1847}$	$\frac{902}{1847}$	$\Phi_{1847}\ \Phi_1^2$
145650	1848	1847	$\frac{43}{1847}$	$\frac{135}{1847}$	$\frac{428}{1847}$	$\frac{902}{1847}$	$\Phi_{1847}\ \Phi_1^2$
145651	1848	1847	$\frac{45}{1847}$	$\frac{86}{1847}$	$\frac{587}{1847}$	$\frac{901}{1847}$	$\Phi_{1847}\ \Phi_1^2$
145652	1848	2829	$\frac{1}{41}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{2829}\ \Phi_{69}^2$
145653	1848	1763	$\frac{1}{41}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{20}{41}$	$\Phi_{1763}\ \Phi_{43}^2\ \Phi_{41}^2\ \Phi_1^4$
145654	1848	2460	$\frac{1}{41}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{20}{41}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{820}\ \Phi_{615}\ \Phi_{410}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2$
145655	1848	2120	$\frac{7}{265}$	$\frac{1}{8}$	$\frac{34}{265}$	$\frac{129}{265}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{424}\ \Phi_{212}\ \Phi_{106}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
145656	1848	1847	$\frac{49}{1847}$	$\frac{230}{1847}$	$\frac{237}{1847}$	$\frac{899}{1847}$	$\Phi_{1847}\ \Phi_1^2$
145657	1848	150	$\frac{2}{75}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{150}^{24}\ \Phi_{75}\ \Phi_{50}^{24}\ \Phi_{30}^{24}\ \Phi_{15}\ \Phi_{10}^{24}\ \Phi_6^{24}\ \Phi_2^{24}$
145658	1848	1950	$\frac{2}{75}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{73}{150}$	$\Phi_{1950}^2\ \Phi_{650}^2\ \Phi_{390}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{26}^2$
145659	1848	1443	$\frac{1}{37}$	$\frac{19}{481}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{1443}^2\ \Phi_{111}\ \Phi_{39}^2$
145660	1848	2315	$\frac{13}{463}$	$\frac{34}{463}$	$\frac{1}{5}$	$\frac{225}{463}$	Φ_{2315}
145661	1848	1847	$\frac{53}{1847}$	$\frac{98}{1847}$	$\frac{475}{1847}$	$\frac{897}{1847}$	$\Phi_{1847}\ \Phi_1^2$
145662	1848	2775	$\frac{27}{925}$	$\frac{34}{925}$	$\frac{1}{3}$	$\frac{449}{925}$	$\Phi_{2775}\ \Phi_{555}\ \Phi_{111}\ \Phi_{75}\ \Phi_{15}$
145663	1848	2028	$\frac{5}{169}$	$\frac{1}{12}$	$\frac{29}{169}$	$\frac{82}{169}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{676}\ \Phi_{507}\ \Phi_{338}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
145664	1848	1847	$\frac{57}{1847}$	$\frac{68}{1847}$	$\frac{593}{1847}$	$\frac{895}{1847}$	$\Phi_{1847}\ \Phi_1^2$
145665	1848	5568	$\frac{1}{32}$	$\frac{1}{29}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{5568}\ \Phi_{87}$
145666	1848	3520	$\frac{1}{32}$	$\frac{3}{55}$	$\frac{13}{55}$	$\frac{31}{64}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{64}^2\ \Phi_{55}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
145667	1848	960	$\frac{1}{32}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{31}{64}$	$\Phi_{960}^4\ \Phi_{320}^3\ \Phi_{192}^4\ \Phi_{64}^4\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
145668	1848	2112	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{31}{64}$	$\Phi_{2112}^2\ \Phi_{704}\ \Phi_{192}^2\ \Phi_{64}^2\ \Phi_{33}^2\ \Phi_{11}\ \Phi_3^2\ \Phi_1^2$
145669	1848	3520	$\frac{1}{32}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{31}{64}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{64}^2\ \Phi_{55}\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
145670	1848	576	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{31}{64}$	$\Phi_{576}^7\ \Phi_{192}^7\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
145671	1848	1209	$\frac{1}{31}$	$\frac{1}{13}$	$\frac{16}{93}$	$\frac{15}{31}$	$\Phi_{1209}^2\ \Phi_{403}\ \Phi_{39}^2$
145672	1848	1847	$\frac{61}{1847}$	$\frac{139}{1847}$	$\frac{318}{1847}$	$\frac{893}{1847}$	$\Phi_{1847}\ \Phi_1^2$
145673	1848	1958	$\frac{3}{89}$	$\frac{1}{22}$	$\frac{23}{89}$	$\frac{43}{89}$	$\Phi_{1958}\ \Phi_{979}\ \Phi_{178}$
145674	1848	2468	$\frac{21}{617}$	$\frac{29}{617}$	$\frac{1}{4}$	$\frac{298}{617}$	$\Phi_{2468}\ \Phi_{1234}$
145675	1848	1955	$\frac{3}{85}$	$\frac{1}{23}$	$\frac{22}{85}$	$\frac{41}{85}$	$\Phi_{1955}\ \Phi_{391}\ \Phi_{115}$
145676	1848	1847	$\frac{67}{1847}$	$\frac{87}{1847}$	$\frac{440}{1847}$	$\frac{890}{1847}$	$\Phi_{1847}\ \Phi_1^2$
145677	1848	918	$\frac{1}{34}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}^3\ \Phi_{54}^2\ \Phi_{51}^3\ \Phi_{34}^2\ \Phi_{18}^2\ \Phi_{17}^2\ \Phi_6^3\ \Phi_2^2$
145678	1848	1755	$\frac{2}{65}$	$\frac{1}{27}$	$\frac{21}{65}$	$\frac{13}{27}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}\ \Phi_{117}\ \Phi_{65}^2\ \Phi_{45}\ \Phi_{39}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
145679	1848	2484	$\frac{1}{27}$	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{46}^2$
145680	1848	945	$\frac{1}{27}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{13}{27}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}^4\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_7^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
145681	1848	351	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{13}{27}$	$\Phi_{351}^5\ \Phi_{117}^5\ \Phi_{39}^5\ \Phi_{27}^6\ \Phi_{13}^{10}\ \Phi_9^6\ \Phi_3^6\ \Phi_1^{12}$
145682	1848	756	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{13}{27}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{252}^3\ \Phi_{189}^2\ \Phi_{126}^3\ \Phi_{84}^4\ \Phi_{63}^2\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
145683	1848	1995	$\frac{5}{133}$	$\frac{1}{15}$	$\frac{23}{133}$	$\frac{64}{133}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{285}\ \Phi_{105}\ \Phi_{95}\ \Phi_{57}\ \Phi_{35}\ \Phi_{21}$
145684	1848	1847	$\frac{71}{1847}$	$\frac{137}{1847}$	$\frac{285}{1847}$	$\frac{888}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
145685	1848	2600	$\frac{1}{26}$	$\frac{1}{25}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{2600}\ \Phi_{650}\ \Phi_{520}\ \Phi_{325}\ \Phi_{200}\ \Phi_{130}\ \Phi_{65}\ \Phi_{50}\ \Phi_{40}\ \Phi_{10}$
145686	1848	1847	$\frac{73}{1847}$	$\frac{160}{1847}$	$\frac{241}{1847}$	$\frac{887}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
145687	1848	1425	$\frac{13}{475}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{1425}^{2}\ \Phi_{285}^{2}\ \Phi_{75}\ \Phi_{57}^{2}\ \Phi_{15}$
145688	1848	444	$\frac{1}{37}$	$\frac{3}{74}$	$\frac{1}{3}$	$\frac{71}{148}$	$\Phi_{444}^{12}\ \Phi_{111}\ \Phi_{12}^{12}$
145689	1848	2028	$\frac{7}{169}$	$\frac{1}{12}$	$\frac{22}{169}$	$\frac{81}{169}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{676}\ \Phi_{507}\ \Phi_{338}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
145690	1848	2120	$\frac{11}{265}$	$\frac{23}{265}$	$\frac{1}{8}$	$\frac{127}{265}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{424}\ \Phi_{212}\ \Phi_{106}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
145691	1848	2163	$\frac{13}{309}$	$\frac{23}{309}$	$\frac{1}{7}$	$\frac{148}{309}$	$\Phi_{2163}\ \Phi_{721}\ \Phi_{21}$
145692	1848	1847	$\frac{79}{1847}$	$\frac{109}{1847}$	$\frac{321}{1847}$	$\frac{884}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
145693	1848	2622	$\frac{1}{38}$	$\frac{1}{23}$	$\frac{37}{114}$	$\frac{11}{23}$	$\Phi_{2622}\ \Phi_{1311}\ \Phi_{138}\ \Phi_{114}^{2}\ \Phi_{69}\ \Phi_{57}^{2}\ \Phi_{23}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
145694	1848	1840	$\frac{3}{80}$	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{368}\ \Phi_{230}\ \Phi_{184}\ \Phi_{115}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{23}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
145695	1848	2185	$\frac{1}{23}$	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{11}{23}$	$\Phi_{2185}\ \Phi_{115}\ \Phi_{95}^{2}\ \Phi_{23}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
145696	1848	874	$\frac{1}{23}$	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{11}{23}$	$\Phi_{874}^{2}\ \Phi_{437}^{2}\ \Phi_{46}^{2}\ \Phi_{38}^{4}\ \Phi_{23}^{3}\ \Phi_{19}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
145697	1848	552	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{23}$	$\Phi_{552}^{4}\ \Phi_{276}^{3}\ \Phi_{184}^{3}\ \Phi_{138}^{3}\ \Phi_{92}^{2}\ \Phi_{69}^{3}\ \Phi_{46}^{2}\ \Phi_{24}^{8}\ \Phi_{23}^{3}\ \Phi_{12}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
145698	1848	2468	$\frac{23}{617}$	$\frac{27}{617}$	$\frac{1}{4}$	$\frac{295}{617}$	$\Phi_{2468}\ \Phi_{1234}$
145699	1848	1847	$\frac{65}{1847}$	$\frac{81}{1847}$	$\frac{482}{1847}$	$\frac{883}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
145700	1848	1847	$\frac{81}{1847}$	$\frac{146}{1847}$	$\frac{241}{1847}$	$\frac{883}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
145701	1848	2775	$\frac{23}{925}$	$\frac{41}{925}$	$\frac{1}{3}$	$\frac{442}{925}$	$\Phi_{2775}\ \Phi_{555}\ \Phi_{111}\ \Phi_{75}\ \Phi_{15}$
145702	1848	2315	$\frac{21}{463}$	$\frac{22}{463}$	$\frac{1}{5}$	$\frac{221}{463}$	Φ_{2315}
145703	1848	1847	$\frac{62}{1847}$	$\frac{85}{1847}$	$\frac{483}{1847}$	$\frac{881}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
145704	1848	2775	$\frac{22}{925}$	$\frac{43}{925}$	$\frac{1}{3}$	$\frac{441}{925}$	$\Phi_{2775}\ \Phi_{555}\ \Phi_{111}\ \Phi_{75}\ \Phi_{15}$
145705	1848	903	$\frac{1}{43}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{903}^{2}\ \Phi_{301}^{2}\ \Phi_{129}^{3}\ \Phi_{43}^{2}$
145706	1848	1743	$\frac{2}{83}$	$\frac{1}{21}$	$\frac{27}{83}$	$\frac{10}{21}$	$\Phi_{1743}\ \Phi_{581}\ \Phi_{249}\ \Phi_{83}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
145707	1848	2436	$\frac{1}{29}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{812}\ \Phi_{406}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}^{2}\ \Phi_{58}^{2}$
145708	1848	1743	$\frac{3}{83}$	$\frac{1}{21}$	$\frac{20}{83}$	$\frac{10}{21}$	$\Phi_{1743}\ \Phi_{581}\ \Phi_{249}\ \Phi_{83}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
145709	1848	2310	$\frac{1}{22}$	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{110}^{2}\ \Phi_{70}\ \Phi_{55}^{2}\ \Phi_{30}\ \Phi_{10}^{2}$
145710	1848	1743	$\frac{1}{21}$	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{10}{21}$	$\Phi_{1743}\ \Phi_{581}\ \Phi_{249}\ \Phi_{83}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
145711	1848	105	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{10}{21}$	$\Phi_{105}^{19}\ \Phi_{35}^{19}\ \Phi_{21}^{13}\ \Phi_{15}^{18}\ \Phi_{7}^{12}\ \Phi_{5}^{18}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
145712	1848	1743	$\frac{1}{21}$	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{10}{21}$	$\Phi_{1743}\ \Phi_{581}\ \Phi_{249}\ \Phi_{83}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
145713	1848	2184	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{10}{21}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{312}\ \Phi_{182}\ \Phi_{156}\ \Phi_{104}^{2}\ \Phi_{78}\ \Phi_{52}^{2}\ \Phi_{26}^{2}$
145714	1848	1847	$\frac{44}{1847}$	$\frac{89}{1847}$	$\frac{601}{1847}$	$\frac{879}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
145715	1848	360	$\frac{1}{45}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{360}^{10}\ \Phi_{120}^{9}\ \Phi_{72}^{10}\ \Phi_{45}^{2}\ \Phi_{40}^{10}\ \Phi_{24}^{9}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{10}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
145716	1848	1160	$\frac{1}{29}$	$\frac{1}{20}$	$\frac{7}{29}$	$\frac{19}{40}$	$\Phi_{1160}^{3}\ \Phi_{232}^{3}\ \Phi_{40}^{4}\ \Phi_{29}^{3}\ \Phi_{8}^{4}\ \Phi_{1}^{4}$
145717	1848	920	$\frac{1}{23}$	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{920}^{4}\ \Phi_{184}^{4}\ \Phi_{115}$
145718	1848	3480	$\frac{1}{20}$	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{19}{40}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{696}\ \Phi_{232}\ \Phi_{120}\ \Phi_{87}\ \Phi_{40}^{2}\ \Phi_{29}\ \Phi_{24}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
145719	1848	360	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{19}{40}$	$\Phi_{360}^{11}\ \Phi_{120}^{7}\ \Phi_{72}^{11}\ \Phi_{40}^{8}\ \Phi_{36}^{3}\ \Phi_{24}^{7}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{8}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
145720	1848	646	$\frac{1}{34}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{646}^3\ \Phi_{323}^3\ \Phi_{38}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{2}^2$
145721	1848	570	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{5}{38}$	$\frac{9}{19}$	$\Phi_{570}^4\ \Phi_{285}^3\ \Phi_{190}^4\ \Phi_{114}^4\ \Phi_{95}^3\ \Phi_{57}^3\ \Phi_{30}^4\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^2\ \Phi_{3}^2$
145722	1848	391	$\frac{1}{23}$	$\frac{1}{17}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{391}^5\ \Phi_{23}^4$
145723	1848	1847	$\frac{89}{1847}$	$\frac{111}{1847}$	$\frac{293}{1847}$	$\frac{868}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$
145724	1848	1847	$\frac{35}{1847}$	$\frac{113}{1847}$	$\frac{604}{1847}$	$\frac{867}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$
145725	1848	2028	$\frac{11}{169}$	$\frac{1}{12}$	$\frac{15}{169}$	$\frac{79}{169}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{676}\ \Phi_{507}\ \Phi_{338}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
145726	1848	1847	$\frac{121}{1847}$	$\frac{153}{1847}$	$\frac{164}{1847}$	$\frac{863}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$
145727	1848	645	$\frac{1}{43}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{645}^3\ \Phi_{215}^3\ \Phi_{129}^3\ \Phi_{43}^2$
145728	1848	721	$\frac{5}{103}$	$\frac{7}{103}$	$\frac{1}{7}$	$\frac{48}{103}$	$\Phi_{721}^3\ \Phi_{7}^2$
145729	1848	1847	$\frac{47}{1847}$	$\frac{127}{1847}$	$\frac{450}{1847}$	$\frac{860}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$
145730	1848	1847	$\frac{69}{1847}$	$\frac{127}{1847}$	$\frac{329}{1847}$	$\frac{860}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$
145731	1848	3600	$\frac{1}{25}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{150}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
145732	1848	2468	$\frac{15}{617}$	$\frac{43}{617}$	$\frac{1}{4}$	$\frac{287}{617}$	$\Phi_{2468}\ \Phi_{1234}$
145733	1848	1847	$\frac{41}{1847}$	$\frac{129}{1847}$	$\frac{494}{1847}$	$\frac{859}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$
145734	1848	555	$\frac{3}{185}$	$\frac{13}{185}$	$\frac{1}{3}$	$\frac{86}{185}$	$\Phi_{555}^5\ \Phi_{111}^5\ \Phi_{15}^5\ \Phi_{3}^4$
145735	1848	1847	$\frac{90}{1847}$	$\frac{133}{1847}$	$\frac{251}{1847}$	$\frac{857}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$
145736	1848	1943	$\frac{1}{29}$	$\frac{5}{67}$	$\frac{12}{67}$	$\frac{31}{67}$	Φ_{1943}
145737	1848	1847	$\frac{71}{1847}$	$\frac{141}{1847}$	$\frac{296}{1847}$	$\frac{853}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$
145738	1848	1847	$\frac{141}{1847}$	$\frac{142}{1847}$	$\frac{155}{1847}$	$\frac{853}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$
145739	1848	2613	$\frac{1}{67}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{2613}\ \Phi_{201}^2$
145740	1848	1703	$\frac{2}{131}$	$\frac{1}{13}$	$\frac{43}{131}$	$\frac{6}{13}$	$\Phi_{1703}\ \Phi_{131}^2\ \Phi_{13}^2\ \Phi_{1}^4$
145741	1848	2340	$\frac{1}{45}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{468}\ \Phi_{390}\ \Phi_{260}\ \Phi_{234}\ \Phi_{180}^2\ \Phi_{156}\ \Phi_{130}\ \Phi_{90}^2\ \Phi_{78}\ \Phi_{60}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{6}^2$
145742	1848	1703	$\frac{3}{131}$	$\frac{1}{13}$	$\frac{32}{131}$	$\frac{6}{13}$	$\Phi_{1703}\ \Phi_{131}^2\ \Phi_{13}^2\ \Phi_{1}^4$
145743	1848	2210	$\frac{1}{34}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{2210}\ \Phi_{1105}\ \Phi_{170}^2\ \Phi_{130}\ \Phi_{85}^2\ \Phi_{10}^2$
145744	1848	1703	$\frac{5}{131}$	$\frac{1}{13}$	$\frac{21}{131}$	$\frac{6}{13}$	$\Phi_{1703}\ \Phi_{131}^2\ \Phi_{13}^2\ \Phi_{1}^4$
145745	1848	2093	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{2093}\ \Phi_{161}^2$
145746	1848	1703	$\frac{10}{131}$	$\frac{1}{13}$	$\frac{11}{131}$	$\frac{6}{13}$	$\Phi_{1703}\ \Phi_{131}^2\ \Phi_{13}^2\ \Phi_{1}^4$
145747	1848	156	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{6}{13}$	$\Phi_{156}^{13}\ \Phi_{78}^{13}\ \Phi_{52}^{13}\ \Phi_{39}^{13}\ \Phi_{26}^{13}\ \Phi_{12}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}$
145748	1848	1847	$\frac{83}{1847}$	$\frac{145}{1847}$	$\frac{252}{1847}$	$\frac{851}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$
145749	1848	1958	$\frac{1}{22}$	$\frac{7}{89}$	$\frac{12}{89}$	$\frac{41}{89}$	$\Phi_{1958}\ \Phi_{979}\ \Phi_{178}$
145750	1848	2120	$\frac{13}{265}$	$\frac{21}{265}$	$\frac{1}{8}$	$\frac{122}{265}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{424}\ \Phi_{212}\ \Phi_{106}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
145751	1848	1995	$\frac{1}{15}$	$\frac{11}{133}$	$\frac{12}{133}$	$\frac{61}{133}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{285}\ \Phi_{105}\ \Phi_{95}\ \Phi_{57}\ \Phi_{35}\ \Phi_{21}$
145752	1848	2015	$\frac{1}{13}$	$\frac{12}{155}$	$\frac{13}{155}$	$\frac{71}{155}$	$\Phi_{2015}\ \Phi_{403}\ \Phi_{65}$
145753	1848	1847	$\frac{142}{1847}$	$\frac{143}{1847}$	$\frac{155}{1847}$	$\frac{846}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$
145754	1848	1847	$\frac{120}{1847}$	$\frac{157}{1847}$	$\frac{167}{1847}$	$\frac{845}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$
145755	1848	2120	$\frac{12}{265}$	$\frac{23}{265}$	$\frac{1}{8}$	$\frac{121}{265}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{424}\ \Phi_{212}\ \Phi_{106}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
145756	1848	1847	$\frac{76}{1847}$	$\frac{161}{1847}$	$\frac{251}{1847}$	$\frac{843}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$
145757	1848	721	$\frac{4}{103}$	$\frac{9}{103}$	$\frac{1}{7}$	$\frac{47}{103}$	$\Phi_{721}^3\ \Phi_{7}^2$
145758	1848	1847	$\frac{54}{1847}$	$\frac{163}{1847}$	$\frac{335}{1847}$	$\frac{842}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
145759	1848	2315	$\frac{12}{463}$	$\frac{41}{463}$	$\frac{1}{5}$	$\frac{211}{463}$	Φ_{2315}
145760	1848	2468	$\frac{12}{617}$	$\frac{55}{617}$	$\frac{1}{4}$	$\frac{281}{617}$	$\Phi_{2468}\ \Phi_{1234}$
145761	1848	1847	$\frac{32}{1847}$	$\frac{165}{1847}$	$\frac{503}{1847}$	$\frac{841}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
145762	1848	2775	$\frac{12}{925}$	$\frac{83}{925}$	$\frac{1}{3}$	$\frac{421}{925}$	$\Phi_{2775}\ \Phi_{555}\ \Phi_{111}\ \Phi_{75}\ \Phi_{15}$
145763	1848	858	$\frac{1}{78}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{858}^{2}\ \Phi_{429}^{2}\ \Phi_{286}^{2}\ \Phi_{143}^{2}\ \Phi_{78}^{4}\ \Phi_{66}^{2}\ \Phi_{39}^{4}\ \Phi_{33}\ \Phi_{26}^{4}\ \Phi_{22}^{2}\ \Phi_{13}^{4}\ \Phi_{11}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
145764	1848	1122	$\frac{1}{51}$	$\frac{1}{11}$	$\frac{25}{102}$	$\frac{5}{11}$	$\Phi_{1122}^{2}\ \Phi_{561}\ \Phi_{374}^{2}\ \Phi_{187}\ \Phi_{102}^{4}\ \Phi_{66}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{4}\ \Phi_{33}\ \Phi_{22}^{2}\ \Phi_{17}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
145765	1848	561	$\frac{2}{51}$	$\frac{1}{11}$	$\frac{7}{51}$	$\frac{5}{11}$	$\Phi_{561}^{3}\ \Phi_{187}^{3}\ \Phi_{51}^{6}\ \Phi_{33}^{3}\ \Phi_{17}^{6}\ \Phi_{11}^{4}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
145766	1848	2024	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{184}^{2}\ \Phi_{92}^{2}\ \Phi_{46}^{2}$
145767	1848	891	$\frac{4}{81}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{11}$	$\Phi_{891}^{2}\ \Phi_{297}^{2}\ \Phi_{99}\ \Phi_{81}^{4}\ \Phi_{33}\ \Phi_{27}^{4}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
145768	1848	935	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{8}{85}$	$\frac{5}{11}$	$\Phi_{935}^{2}\ \Phi_{187}\ \Phi_{85}^{4}\ \Phi_{55}^{2}\ \Phi_{17}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
145769	1848	1683	$\frac{10}{153}$	$\frac{13}{153}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}^{2}\ \Phi_{99}\ \Phi_{51}^{2}\ \Phi_{33}\ \Phi_{17}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
145770	1848	660	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{220}^{3}\ \Phi_{165}^{2}\ \Phi_{132}^{2}\ \Phi_{110}^{3}\ \Phi_{66}^{2}\ \Phi_{60}^{6}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{30}^{6}\ \Phi_{22}^{2}\ \Phi_{20}^{6}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{11}^{2}\ \Phi_{10}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
145771	1848	1847	$\frac{23}{1847}$	$\frac{177}{1847}$	$\frac{608}{1847}$	$\frac{835}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
145772	1848	1020	$\frac{1}{85}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1020}^{5}\ \Phi_{255}\ \Phi_{204}^{5}\ \Phi_{60}^{4}\ \Phi_{51}\ \Phi_{15}\ \Phi_{12}^{4}$
145773	1848	3340	$\frac{2}{167}$	$\frac{1}{10}$	$\frac{55}{167}$	$\frac{9}{20}$	$\Phi_{3340}\ \Phi_{668}\ \Phi_{167}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
145774	1848	1140	$\frac{1}{57}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{1140}\ \Phi_{570}^{2}\ \Phi_{380}\ \Phi_{285}^{2}\ \Phi_{228}^{2}\ \Phi_{190}^{2}\ \Phi_{114}^{3}\ \Phi_{95}^{2}\ \Phi_{76}^{2}\ \Phi_{60}\ \Phi_{57}^{2}\ \Phi_{38}^{3}\ \Phi_{30}^{2}\ \Phi_{19}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
145775	1848	3340	$\frac{3}{167}$	$\frac{1}{10}$	$\frac{41}{167}$	$\frac{9}{20}$	$\Phi_{3340}\ \Phi_{668}\ \Phi_{167}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
145776	1848	860	$\frac{1}{43}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{860}^{4}\ \Phi_{215}\ \Phi_{172}^{4}$
145777	1848	3340	$\frac{5}{167}$	$\frac{1}{10}$	$\frac{27}{167}$	$\frac{9}{20}$	$\Phi_{3340}\ \Phi_{668}\ \Phi_{167}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
145778	1848	4060	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{4060}\ \Phi_{812}\ \Phi_{203}$
145779	1848	3340	$\frac{6}{167}$	$\frac{1}{10}$	$\frac{23}{167}$	$\frac{9}{20}$	$\Phi_{3340}\ \Phi_{668}\ \Phi_{167}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
145780	1848	200	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{200}^{11}\ \Phi_{100}^{6}\ \Phi_{50}^{11}\ \Phi_{40}^{9}\ \Phi_{25}^{10}\ \Phi_{20}^{5}\ \Phi_{10}^{9}\ \Phi_{8}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
145781	1848	3340	$\frac{7}{167}$	$\frac{1}{10}$	$\frac{20}{167}$	$\frac{9}{20}$	$\Phi_{3340}\ \Phi_{668}\ \Phi_{167}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
145782	1848	1980	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{1980}^{2}\ \Phi_{660}^{2}\ \Phi_{396}^{2}\ \Phi_{198}\ \Phi_{180}\ \Phi_{132}^{2}\ \Phi_{99}\ \Phi_{66}\ \Phi_{60}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
145783	1848	3340	$\frac{11}{167}$	$\frac{13}{167}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{3340}\ \Phi_{668}\ \Phi_{167}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
145784	1848	780	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{780}^{5}\ \Phi_{260}^{4}\ \Phi_{195}\ \Phi_{156}^{5}\ \Phi_{65}\ \Phi_{52}^{4}\ \Phi_{39}$
145785	1848	1943	$\frac{1}{67}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	Φ_{1943}
145786	1848	1847	$\frac{31}{1847}$	$\frac{199}{1847}$	$\frac{454}{1847}$	$\frac{824}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
145787	1848	1161	$\frac{1}{43}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{1161}^{2}\ \Phi_{387}\ \Phi_{129}$
145788	1848	1935	$\frac{1}{45}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{387}\ \Phi_{215}\ \Phi_{129}$
145789	1848	1847	$\frac{47}{1847}$	$\frac{221}{1847}$	$\frac{300}{1847}$	$\frac{813}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
145790	1848	1950	$\frac{1}{78}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{390}\ \Phi_{325}\ \Phi_{195}\ \Phi_{150}\ \Phi_{130}\ \Phi_{75}\ \Phi_{65}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
145791	1848	1938	$\frac{1}{34}$	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{25}{57}$	$\Phi_{1938}\ \Phi_{969}\ \Phi_{646}\ \Phi_{323}\ \Phi_{114}\ \Phi_{102}\ \Phi_{51}\ \Phi_{38}\ \Phi_{6}$
145792	1848	720	$\frac{3}{80}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{3}\ \Phi_{180}^{3}\ \Phi_{144}^{2}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{72}^{3}\ \Phi_{60}^{3}\ \Phi_{48}^{2}\ \Phi_{45}^{3}\ \Phi_{36}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
145793	1848	1955	$\frac{1}{23}$	$\frac{8}{85}$	$\frac{11}{85}$	$\frac{37}{85}$	$\Phi_{1955}\ \Phi_{391}\ \Phi_{115}$
145794	1848	1847	$\frac{87}{1847}$	$\frac{160}{1847}$	$\frac{241}{1847}$	$\frac{803}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
145795	1848	1847	$\frac{95}{1847}$	$\frac{146}{1847}$	$\frac{243}{1847}$	$\frac{802}{1847}$	$\Phi_{1847}\ \Phi_1^2$
145796	1848	2015	$\frac{8}{155}$	$\frac{1}{13}$	$\frac{21}{155}$	$\frac{67}{155}$	$\Phi_{2015}\ \Phi_{403}\ \Phi_{65}$
145797	1848	2028	$\frac{8}{169}$	$\frac{1}{12}$	$\frac{23}{169}$	$\frac{73}{169}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{676}\ \Phi_{507}\ \Phi_{338}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
145798	1848	1847	$\frac{76}{1847}$	$\frac{175}{1847}$	$\frac{253}{1847}$	$\frac{797}{1847}$	$\Phi_{1847}\ \Phi_1^2$
145799	1848	522	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{4}{29}$	$\frac{25}{58}$	$\Phi_{522}^7\ \Phi_{261}\ \Phi_{174}^7\ \Phi_{87}\ \Phi_{18}^7\ \Phi_6^7$
145800	1848	1847	$\frac{48}{1847}$	$\frac{257}{1847}$	$\frac{263}{1847}$	$\frac{795}{1847}$	$\Phi_{1847}\ \Phi_1^2$
145801	1848	2163	$\frac{8}{309}$	$\frac{43}{309}$	$\frac{1}{7}$	$\frac{133}{309}$	$\Phi_{2163}\ \Phi_{721}\ \Phi_{21}$
145802	1848	1847	$\frac{34}{1847}$	$\frac{259}{1847}$	$\frac{351}{1847}$	$\frac{794}{1847}$	$\Phi_{1847}\ \Phi_1^2$
145803	1848	2315	$\frac{8}{463}$	$\frac{65}{463}$	$\frac{1}{5}$	$\frac{199}{463}$	Φ_{2315}
145804	1848	2468	$\frac{8}{617}$	$\frac{87}{617}$	$\frac{1}{4}$	$\frac{265}{617}$	$\Phi_{2468}\ \Phi_{1234}$
145805	1848	1847	$\frac{20}{1847}$	$\frac{261}{1847}$	$\frac{527}{1847}$	$\frac{793}{1847}$	$\Phi_{1847}\ \Phi_1^2$
145806	1848	2775	$\frac{8}{925}$	$\frac{131}{925}$	$\frac{1}{3}$	$\frac{397}{925}$	$\Phi_{2775}\ \Phi_{555}\ \Phi_{111}\ \Phi_{75}\ \Phi_{15}$
145807	1848	805	$\frac{1}{115}$	$\frac{1}{7}$	$\frac{38}{115}$	$\frac{3}{7}$	$\Phi_{805}^2\ \Phi_{161}^2\ \Phi_{115}^4\ \Phi_{35}^2\ \Phi_{23}^4\ \Phi_7^3\ \Phi_5^4\ \Phi_1^6$
145808	1848	1092	$\frac{1}{78}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1092}^2\ \Phi_{546}\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}^4\ \Phi_{91}\ \Phi_{84}^2\ \Phi_{78}^2\ \Phi_{52}^4\ \Phi_{42}$ $\Phi_{39}^2\ \Phi_{28}\ \Phi_{26}^2\ \Phi_{21}\ \Phi_{13}^2\ \Phi_{12}^4\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
145809	1848	1645	$\frac{4}{235}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{1645}\ \Phi_{329}\ \Phi_{235}^2\ \Phi_{47}^2\ \Phi_7\ \Phi_1^2$
145810	1848	644	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{15}{92}$	$\frac{3}{7}$	$\Phi_{644}^3\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{92}^6\ \Phi_{46}^4\ \Phi_{28}^3\ \Phi_{23}^4\ \Phi_{14}^2\ \Phi_7^3\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
145811	1848	805	$\frac{3}{115}$	$\frac{16}{115}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{805}^2\ \Phi_{161}^2\ \Phi_{115}^4\ \Phi_{35}^2\ \Phi_{23}^4\ \Phi_7^3\ \Phi_5^4\ \Phi_1^6$
145812	1848	952	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{952}^2\ \Phi_{476}^2\ \Phi_{238}\ \Phi_{136}^4\ \Phi_{119}\ \Phi_{68}^4\ \Phi_{56}\ \Phi_{34}^2\ \Phi_{28}\ \Phi_{17}^2\ \Phi_8^2\ \Phi_7$ $\Phi_4^2\ \Phi_1^2$
145813	1848	560	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^6\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{40}^6\ \Phi_{35}^2\ \Phi_{28}^3\ \Phi_{20}^6\ \Phi_{16}^6$ $\Phi_{14}^2\ \Phi_{10}^4\ \Phi_8^6\ \Phi_7^3\ \Phi_5^4\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
145814	1848	161	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{161}^{10}\ \Phi_{23}^{20}\ \Phi_7^{11}\ \Phi_1^{22}$
145815	1848	924	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}\ \Phi_{132}^4\ \Phi_{84}\ \Phi_{77}\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{42}$ $\Phi_{33}^4\ \Phi_{28}\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
145816	1848	105	$\frac{2}{35}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{105}^{19}\ \Phi_{35}^{15}\ \Phi_{21}^{19}\ \Phi_{15}^{18}\ \Phi_7^{16}\ \Phi_5^{14}\ \Phi_3^{18}\ \Phi_1^{16}$
145817	1848	1847	$\frac{48}{1847}$	$\frac{257}{1847}$	$\frac{265}{1847}$	$\frac{791}{1847}$	$\Phi_{1847}\ \Phi_1^2$
145818	1848	1847	$\frac{76}{1847}$	$\frac{161}{1847}$	$\frac{281}{1847}$	$\frac{783}{1847}$	$\Phi_{1847}\ \Phi_1^2$
145819	1848	1955	$\frac{1}{23}$	$\frac{7}{85}$	$\frac{13}{85}$	$\frac{36}{85}$	$\Phi_{1955}\ \Phi_{391}\ \Phi_{115}$
145820	1848	1847	$\frac{97}{1847}$	$\frac{125}{1847}$	$\frac{287}{1847}$	$\frac{780}{1847}$	$\Phi_{1847}\ \Phi_1^2$
145821	1848	285	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{3}{19}$	$\frac{8}{19}$	$\Phi_{285}^7\ \Phi_{95}^7\ \Phi_{57}^7\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^6$
145822	1848	1847	$\frac{77}{1847}$	$\frac{153}{1847}$	$\frac{295}{1847}$	$\frac{776}{1847}$	$\Phi_{1847}\ \Phi_1^2$
145823	1848	2028	$\frac{7}{169}$	$\frac{1}{12}$	$\frac{27}{169}$	$\frac{71}{169}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{676}\ \Phi_{507}\ \Phi_{338}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
145824	1848	2120	$\frac{7}{265}$	$\frac{1}{8}$	$\frac{43}{265}$	$\frac{111}{265}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{424}\ \Phi_{212}\ \Phi_{106}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
145825	1848	1847	$\frac{17}{1847}$	$\frac{305}{1847}$	$\frac{538}{1847}$	$\frac{771}{1847}$	$\Phi_{1847}\ \Phi_1^2$
145826	1848	2775	$\frac{7}{925}$	$\frac{153}{925}$	$\frac{1}{3}$	$\frac{386}{925}$	$\Phi_{2775}\ \Phi_{555}\ \Phi_{111}\ \Phi_{75}\ \Phi_{15}$
145827	1848	1596	$\frac{1}{133}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{1596}^2\ \Phi_{532}^2\ \Phi_{399}\ \Phi_{228}^2\ \Phi_{84}^2\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{28}^2\ \Phi_{21}$
145828	1848	3156	$\frac{2}{263}$	$\frac{1}{6}$	$\frac{87}{263}$	$\frac{5}{12}$	$\Phi_{3156}\ \Phi_{1052}\ \Phi_{263}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
145829	1848	1068	$\frac{1}{89}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{1068}\ \Phi_{534}^2\ \Phi_{356}^2\ \Phi_{267}^2\ \Phi_{178}^3\ \Phi_{89}^2$
145830	1848	3156	$\frac{3}{263}$	$\frac{1}{6}$	$\frac{65}{263}$	$\frac{5}{12}$	$\Phi_{3156}\ \Phi_{1052}\ \Phi_{263}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
145831	1848	4020	$\frac{1}{67}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{4020}\ \Phi_{1340}\ \Phi_{335}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
145832	1848	3156	$\frac{5}{263}$	$\frac{43}{263}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3156}\ \Phi_{1052}\ \Phi_{263}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
145833	1848	1260	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1260}^3\ \Phi_{420}^3\ \Phi_{315}\ \Phi_{252}^3\ \Phi_{140}^3\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}$
145834	1848	3156	$\frac{7}{263}$	$\frac{32}{263}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3156}\ \Phi_{1052}\ \Phi_{263}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
145835	1848	612	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{612}^6\ \Phi_{306}\ \Phi_{204}^4\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}^4\ \Phi_{51}\ \Phi_{36}^3\ \Phi_{18}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
145836	1848	3156	$\frac{10}{263}$	$\frac{23}{263}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3156}\ \Phi_{1052}\ \Phi_{263}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
145837	1848	300	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{300}^6\ \Phi_{150}^7\ \Phi_{100}^6\ \Phi_{75}^7\ \Phi_{60}^6\ \Phi_{50}^7\ \Phi_{30}^7\ \Phi_{25}^6\ \Phi_{20}^6\ \Phi_{15}^7\ \Phi_{10}^7\ \Phi_5^6$
145838	1848	3156	$\frac{11}{263}$	$\frac{21}{263}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3156}\ \Phi_{1052}\ \Phi_{263}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
145839	1848	3588	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3588}\ \Phi_{1196}\ \Phi_{299}$
145840	1848	1847	$\frac{14}{1847}$	$\frac{309}{1847}$	$\frac{611}{1847}$	$\frac{769}{1847}$	$\Phi_{1847}\ \Phi_1^2$
145841	1848	650	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{650}^5\ \Phi_{325}\ \Phi_{130}^4\ \Phi_{65}\ \Phi_{50}^5\ \Phi_{26}^4\ \Phi_{10}^4\ \Phi_2^4$
145842	1848	465	$\frac{1}{155}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{465}^6\ \Phi_{93}^6\ \Phi_{15}^5\ \Phi_3^4$
145843	1848	1330	$\frac{1}{133}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{1330}^2\ \Phi_{665}\ \Phi_{266}^2\ \Phi_{190}^2\ \Phi_{95}\ \Phi_{70}^2\ \Phi_{38}^2\ \Phi_{35}\ \Phi_{14}^2$
145844	1848	1535	$\frac{3}{307}$	$\frac{1}{5}$	$\frac{76}{307}$	$\frac{2}{5}$	$\Phi_{1535}\ \Phi_{307}^2\ \Phi_5^2\ \Phi_1^4$
145845	1848	390	$\frac{1}{78}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{390}^5\ \Phi_{195}^5\ \Phi_{130}^5\ \Phi_{78}^4\ \Phi_{65}^5\ \Phi_{39}^4\ \Phi_{30}^5\ \Phi_{26}^4\ \Phi_{15}^5\ \Phi_{13}^4\ \Phi_{10}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
145846	1848	1535	$\frac{6}{307}$	$\frac{43}{307}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1535}\ \Phi_{307}^2\ \Phi_5^2\ \Phi_1^4$
145847	1848	360	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^6\ \Phi_{90}^6\ \Phi_{72}^6\ \Phi_{60}^6\ \Phi_{40}^5\ \Phi_{36}^6\ \Phi_{30}^6\ \Phi_{24}^6\ \Phi_{20}^5\ \Phi_{18}^6\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^6\ \Phi_4^4\ \Phi_2^4$
145848	1848	1075	$\frac{1}{43}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1075}^2\ \Phi_{215}$
145849	1848	1535	$\frac{10}{307}$	$\frac{27}{307}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1535}\ \Phi_{307}^2\ \Phi_5^2\ \Phi_1^4$
145850	1848	1740	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}^2\ \Phi_{290}\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}^2\ \Phi_{58}^2$
145851	1848	1040	$\frac{3}{80}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1040}^2\ \Phi_{520}^2\ \Phi_{260}^2\ \Phi_{208}^2\ \Phi_{130}^2\ \Phi_{104}^2\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{26}^2$
145852	1848	1535	$\frac{13}{307}$	$\frac{21}{307}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1535}\ \Phi_{307}^2\ \Phi_5^2\ \Phi_1^4$
145853	1848	345	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{345}^6\ \Phi_{115}^5\ \Phi_{69}^6\ \Phi_{23}^4$
145854	1848	1847	$\frac{34}{1847}$	$\frac{259}{1847}$	$\frac{397}{1847}$	$\frac{725}{1847}$	$\Phi_{1847}\ \Phi_1^2$
145855	1848	3042	$\frac{1}{169}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{3042}\ \Phi_{1014}\ \Phi_{507}\ \Phi_{338}\ \Phi_{234}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
145856	1848	774	$\frac{1}{43}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{774}^4\ \Phi_{387}\ \Phi_{258}^4\ \Phi_{129}\ \Phi_{86}^4$
145857	1848	1847	$\frac{54}{1847}$	$\frac{163}{1847}$	$\frac{421}{1847}$	$\frac{713}{1847}$	$\Phi_{1847}\ \Phi_1^2$
145858	1848	1938	$\frac{1}{34}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{1938}\ \Phi_{969}\ \Phi_{646}\ \Phi_{323}\ \Phi_{114}\ \Phi_{102}\ \Phi_{51}\ \Phi_{38}\ \Phi_6$
145859	1848	2015	$\frac{1}{155}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{2015}\ \Phi_{403}\ \Phi_{65}$
145860	1848	782	$\frac{1}{23}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{782}^4\ \Phi_{391}\ \Phi_{46}^4$
145861	1848	1958	$\frac{1}{22}$	$\frac{5}{89}$	$\frac{21}{89}$	$\frac{34}{89}$	$\Phi_{1958}\ \Phi_{979}\ \Phi_{178}$
145862	1848	1847	$\frac{83}{1847}$	$\frac{104}{1847}$	$\frac{441}{1847}$	$\frac{703}{1847}$	$\Phi_{1847}\ \Phi_1^2$
145863	1848	1612	$\frac{1}{31}$	$\frac{1}{13}$	$\frac{15}{62}$	$\frac{47}{124}$	$\Phi_{1612}^2\ \Phi_{403}\ \Phi_{52}^2$
145864	1848	2028	$\frac{5}{169}$	$\frac{1}{12}$	$\frac{41}{169}$	$\frac{64}{169}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{676}\ \Phi_{507}\ \Phi_{338}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
145865	1848	1847	$\frac{51}{1847}$	$\frac{164}{1847}$	$\frac{449}{1847}$	$\frac{699}{1847}$	$\Phi_{1847}\ \Phi_1^2$
145866	1848	424	$\frac{1}{53}$	$\frac{1}{8}$	$\frac{13}{53}$	$\frac{20}{53}$	$\Phi_{424}^5\ \Phi_{212}^5\ \Phi_{106}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4$
145867	1848	1847	$\frac{19}{1847}$	$\frac{384}{1847}$	$\frac{457}{1847}$	$\frac{695}{1847}$	$\Phi_{1847}\ \Phi_1^2$
145868	1848	2468	$\frac{5}{617}$	$\frac{153}{617}$	$\frac{1}{4}$	$\frac{232}{617}$	$\Phi_{2468}\ \Phi_{1234}$
145869	1848	1110	$\frac{1}{185}$	$\frac{46}{185}$	$\frac{1}{3}$	$\frac{139}{370}$	$\Phi_{1110}^4\ \Phi_{555}\ \Phi_{222}^4\ \Phi_{111}\ \Phi_{30}^4\ \Phi_{15}\ \Phi_6^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
145870	1848	2704	$\frac{1}{169}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{2704}\ \Phi_{676}\ \Phi_{338}\ \Phi_{208}\ \Phi_{52}\ \Phi_{26}$
145871	1848	1847	$\frac{15}{1847}$	$\frac{458}{1847}$	$\frac{463}{1847}$	$\frac{692}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
145872	1848	1950	$\frac{1}{78}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{390}\ \Phi_{325}\ \Phi_{195}\ \Phi_{150}\ \Phi_{130}\ \Phi_{75}\ \Phi_{65}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
145873	1848	1847	$\frac{27}{1847}$	$\frac{260}{1847}$	$\frac{529}{1847}$	$\frac{659}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
145874	1848	1935	$\frac{1}{45}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{387}\ \Phi_{215}\ \Phi_{129}$
145875	1848	1847	$\frac{43}{1847}$	$\frac{164}{1847}$	$\frac{561}{1847}$	$\frac{643}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
145876	1848	1847	$\frac{55}{1847}$	$\frac{128}{1847}$	$\frac{573}{1847}$	$\frac{637}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
145877	1848	1943	$\frac{1}{29}$	$\frac{4}{67}$	$\frac{21}{67}$	$\frac{23}{67}$	Φ_{1943}
145878	1848	1955	$\frac{1}{23}$	$\frac{4}{85}$	$\frac{27}{85}$	$\frac{29}{85}$	$\Phi_{1955}\ \Phi_{391}\ \Phi_{115}$
145879	1848	1847	$\frac{80}{1847}$	$\frac{87}{1847}$	$\frac{589}{1847}$	$\frac{629}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
145880	1848	1847	$\frac{62}{1847}$	$\frac{111}{1847}$	$\frac{595}{1847}$	$\frac{626}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
145881	1848	1995	$\frac{4}{133}$	$\frac{1}{15}$	$\frac{43}{133}$	$\frac{45}{133}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{285}\ \Phi_{105}\ \Phi_{95}\ \Phi_{57}\ \Phi_{35}\ \Phi_{21}$
145882	1848	2028	$\frac{4}{169}$	$\frac{1}{12}$	$\frac{55}{169}$	$\frac{57}{169}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{676}\ \Phi_{507}\ \Phi_{338}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
145883	1848	1847	$\frac{38}{1847}$	$\frac{175}{1847}$	$\frac{603}{1847}$	$\frac{622}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
145884	1848	1044	$\frac{1}{58}$	$\frac{1}{9}$	$\frac{19}{58}$	$\frac{39}{116}$	$\Phi_{1044}^{3}\ \Phi_{522}\ \Phi_{348}^{3}\ \Phi_{261}\ \Phi_{174}\ \Phi_{87}\ \Phi_{36}^{3}\ \Phi_{18}\ \Phi_{12}^{3}\ \Phi_{6}$
145885	1848	2120	$\frac{4}{265}$	$\frac{1}{8}$	$\frac{87}{265}$	$\frac{89}{265}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{424}\ \Phi_{212}\ \Phi_{106}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
145886	1848	1847	$\frac{20}{1847}$	$\frac{307}{1847}$	$\frac{609}{1847}$	$\frac{619}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
145887	1848	2315	$\frac{4}{463}$	$\frac{1}{5}$	$\frac{153}{463}$	$\frac{155}{463}$	Φ_{2315}
145888	1848	1847	$\frac{8}{1847}$	$\frac{613}{1847}$	$\frac{615}{1847}$	$\frac{617}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
145889	1848	2775	$\frac{4}{925}$	$\frac{307}{925}$	$\frac{1}{3}$	$\frac{309}{925}$	$\Phi_{2775}\ \Phi_{555}\ \Phi_{111}\ \Phi_{75}\ \Phi_{15}$
145890	1848	696	$\frac{1}{232}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{696}^{3}\ \Phi_{348}^{3}\ \Phi_{232}^{2}\ \Phi_{174}^{3}\ \Phi_{116}^{2}\ \Phi_{87}^{3}\ \Phi_{58}^{2}\ \Phi_{29}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
145891	1848	1383	$\frac{2}{461}$	$\frac{153}{461}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1383}\ \Phi_{461}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
145892	1848	1860	$\frac{1}{155}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}^{2}\ \Phi_{372}\ \Phi_{310}^{2}\ \Phi_{186}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
145893	1848	1197	$\frac{1}{133}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1197}^{2}\ \Phi_{399}\ \Phi_{171}^{2}\ \Phi_{63}^{2}\ \Phi_{57}\ \Phi_{21}$
145894	1848	1383	$\frac{5}{461}$	$\frac{76}{461}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1383}\ \Phi_{461}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
145895	1848	546	$\frac{1}{78}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{546}^{4}\ \Phi_{273}^{4}\ \Phi_{182}^{4}\ \Phi_{91}^{4}\ \Phi_{42}^{4}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{2}$
145896	1848	1383	$\frac{6}{461}$	$\frac{65}{461}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1383}\ \Phi_{461}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
145897	1848	1608	$\frac{1}{67}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1608}\ \Phi_{804}\ \Phi_{536}^{2}\ \Phi_{402}\ \Phi_{268}^{2}\ \Phi_{134}^{2}$
145898	1848	1383	$\frac{10}{461}$	$\frac{41}{461}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1383}\ \Phi_{461}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
145899	1848	516	$\frac{1}{43}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{516}^{4}\ \Phi_{258}^{4}\ \Phi_{172}^{4}\ \Phi_{129}^{3}\ \Phi_{86}^{4}\ \Phi_{43}^{2}$
145900	1848	1383	$\frac{13}{461}$	$\frac{32}{461}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1383}\ \Phi_{461}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
145901	1848	510	$\frac{1}{34}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{510}^{4}\ \Phi_{255}^{4}\ \Phi_{170}^{4}\ \Phi_{102}^{3}\ \Phi_{85}^{4}\ \Phi_{51}^{3}\ \Phi_{34}^{2}\ \Phi_{30}^{4}\ \Phi_{17}^{2}\ \Phi_{10}^{4}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
145902	1848	1383	$\frac{20}{461}$	$\frac{21}{461}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1383}\ \Phi_{461}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
145903	1848	1518	$\frac{1}{23}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}^{2}\ \Phi_{253}^{2}\ \Phi_{138}\ \Phi_{46}^{2}$
145904	1848	2367	$\frac{2}{263}$	$\frac{2}{9}$	$\frac{87}{263}$	$\frac{1}{3}$	$\Phi_{2367}\ \Phi_{263}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
145905	1848	345	$\frac{1}{115}$	$\frac{1}{5}$	$\frac{38}{115}$	$\frac{1}{3}$	$\Phi_{345}^{8}\ \Phi_{69}^{8}\ \Phi_{15}^{9}\ \Phi_{3}^{8}$
145906	1848	555	$\frac{2}{185}$	$\frac{31}{185}$	$\frac{61}{185}$	$\frac{1}{3}$	$\Phi_{555}^{5}\ \Phi_{111}^{5}\ \Phi_{15}^{5}\ \Phi_{3}^{4}$
145907	1848	3213	$\frac{2}{153}$	$\frac{1}{7}$	$\frac{151}{459}$	$\frac{1}{3}$	$\Phi_{3213}\ \Phi_{189}\ \Phi_{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
145908	1848	3144	$\frac{2}{131}$	$\frac{1}{8}$	$\frac{43}{131}$	$\frac{1}{3}$	$\Phi_{3144}\ \Phi_{1572}\ \Phi_{786}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
145909	1848	2775	$\frac{19}{925}$	$\frac{89}{925}$	$\frac{302}{925}$	$\frac{1}{3}$	$\Phi_{2775}\ \Phi_{555}\ \Phi_{111}\ \Phi_{75}\ \Phi_{15}$
145910	1848	996	$\frac{2}{83}$	$\frac{1}{12}$	$\frac{27}{83}$	$\frac{1}{3}$	$\Phi_{996}^2\ \Phi_{498}^2\ \Phi_{332}^2\ \Phi_{249}\ \Phi_{166}^2\ \Phi_{83}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
145911	1848	1482	$\frac{1}{38}$	$\frac{1}{13}$	$\frac{37}{114}$	$\frac{1}{3}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{494}^2\ \Phi_{247}^2\ \Phi_{78}\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2$
145912	1848	333	$\frac{1}{37}$	$\frac{25}{333}$	$\frac{12}{37}$	$\frac{1}{3}$	$\Phi_{333}^6\ \Phi_{111}^4\ \Phi_{37}^6\ \Phi_9^6\ \Phi_3^3\ \Phi_1^6$
145913	1848	195	$\frac{2}{65}$	$\frac{1}{15}$	$\frac{21}{65}$	$\frac{1}{3}$	$\Phi_{195}^9\ \Phi_{65}^{10}\ \Phi_{39}^9\ \Phi_{15}^{11}\ \Phi_{13}^{10}\ \Phi_5^{12}\ \Phi_3^{10}\ \Phi_1^{12}$
145914	1848	2775	$\frac{31}{925}$	$\frac{57}{925}$	$\frac{298}{925}$	$\frac{1}{3}$	$\Phi_{2775}\ \Phi_{555}\ \Phi_{111}\ \Phi_{75}\ \Phi_{15}$
145915	1848	975	$\frac{1}{25}$	$\frac{17}{325}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{975}^3\ \Phi_{195}^3\ \Phi_{75}\ \Phi_{39}^3\ \Phi_{15}$
145916	1848	555	$\frac{8}{185}$	$\frac{9}{185}$	$\frac{59}{185}$	$\frac{1}{3}$	$\Phi_{555}^5\ \Phi_{111}^5\ \Phi_{15}^5\ \Phi_3^4$
145917	1848	2829	$\frac{1}{23}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{2829}\ \Phi_{69}^2$
145918	1848	225	$\frac{1}{25}$	$\frac{4}{75}$	$\frac{71}{225}$	$\frac{1}{3}$	$\Phi_{225}^{12}\ \Phi_{75}\ \Phi_{45}^{12}\ \Phi_{15}\ \Phi_9^{12}$
145919	1848	1392	$\frac{1}{29}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{1392}^2\ \Phi_{696}^2\ \Phi_{348}^2\ \Phi_{174}^2\ \Phi_{87}^3$
145920	1848	2775	$\frac{29}{925}$	$\frac{64}{925}$	$\frac{287}{925}$	$\frac{1}{3}$	$\Phi_{2775}\ \Phi_{555}\ \Phi_{111}\ \Phi_{75}\ \Phi_{15}$
145921	1848	2754	$\frac{1}{34}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{2754}\ \Phi_{1377}\ \Phi_{162}\ \Phi_{102}\ \Phi_{51}\ \Phi_6$
145922	1848	111	$\frac{1}{37}$	$\frac{3}{37}$	$\frac{34}{111}$	$\frac{1}{3}$	$\Phi_{111}^{13}\ \Phi_{37}^{24}\ \Phi_3^{12}\ \Phi_1^{24}$
145923	1848	2775	$\frac{23}{925}$	$\frac{82}{925}$	$\frac{281}{925}$	$\frac{1}{3}$	$\Phi_{2775}\ \Phi_{555}\ \Phi_{111}\ \Phi_{75}\ \Phi_{15}$
145924	1848	2709	$\frac{1}{43}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{2709}\ \Phi_{387}\ \Phi_{129}$
145925	1848	90	$\frac{1}{45}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{90}^{20}\ \Phi_{45}^{22}\ \Phi_{30}^{18}\ \Phi_{18}^{20}\ \Phi_{15}^{20}\ \Phi_{10}^{20}\ \Phi_9^{22}\ \Phi_6^{18}\ \Phi_5^{22}\ \Phi_3^{19}\ \Phi_2^{20}\ \Phi_1^{22}$
145926	1848	555	$\frac{3}{185}$	$\frac{26}{185}$	$\frac{53}{185}$	$\frac{1}{3}$	$\Phi_{555}^5\ \Phi_{111}^5\ \Phi_{15}^5\ \Phi_3^4$
145927	1848	858	$\frac{1}{78}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{858}^2\ \Phi_{429}^2\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{78}^4\ \Phi_{66}^2\ \Phi_{39}^4\ \Phi_{33}\ \Phi_{26}^4\ \Phi_{22}^2\ \Phi_{13}^4\ \Phi_{11}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
145928	1848	255	$\frac{1}{85}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{255}^6\ \Phi_{85}^{10}\ \Phi_{51}^6\ \Phi_{17}^{10}\ \Phi_{15}^5\ \Phi_5^8\ \Phi_3^4\ \Phi_1^8$
145929	1848	2775	$\frac{9}{925}$	$\frac{229}{925}$	$\frac{232}{925}$	$\frac{1}{3}$	$\Phi_{2775}\ \Phi_{555}\ \Phi_{111}\ \Phi_{75}\ \Phi_{15}$
145930	1848	3684	$\frac{3}{307}$	$\frac{76}{307}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3684}\ \Phi_{1842}\ \Phi_{12}^2\ \Phi_6^2$
145931	1848	3204	$\frac{1}{89}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3204}\ \Phi_{1602}\ \Phi_{356}\ \Phi_{178}$
145932	1848	780	$\frac{1}{78}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^4\ \Phi_{390}^2\ \Phi_{260}^4\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{60}^3\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
145933	1848	3684	$\frac{6}{307}$	$\frac{43}{307}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3684}\ \Phi_{1842}\ \Phi_{12}^2\ \Phi_6^2$
145934	1848	360	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{360}^6\ \Phi_{180}^4\ \Phi_{120}^6\ \Phi_{90}^4\ \Phi_{72}^6\ \Phi_{60}^4\ \Phi_{45}^6\ \Phi_{40}^6\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^6\ \Phi_{12}^2\ \Phi_{10}^4\ \Phi_9^6\ \Phi_8^6\ \Phi_6^2\ \Phi_5^6\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^6$
145935	1848	3684	$\frac{10}{307}$	$\frac{27}{307}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3684}\ \Phi_{1842}\ \Phi_{12}^2\ \Phi_6^2$
145936	1848	348	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{348}^5\ \Phi_{174}^5\ \Phi_{116}^6\ \Phi_{87}^6\ \Phi_{58}^6\ \Phi_{29}^6$
145937	1848	3120	$\frac{3}{80}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{624}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{39}$
145938	1848	3684	$\frac{13}{307}$	$\frac{21}{307}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3684}\ \Phi_{1842}\ \Phi_{12}^2\ \Phi_6^2$
145939	1848	1380	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1380}^2\ \Phi_{690}^2\ \Phi_{460}^2\ \Phi_{276}\ \Phi_{230}^2\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{46}^2$
145940	1848	2367	$\frac{3}{263}$	$\frac{2}{9}$	$\frac{65}{263}$	$\frac{1}{3}$	$\Phi_{2367}\ \Phi_{263}\ \Phi_9^2\ \Phi_1^2$
145941	1848	714	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{25}{102}$	$\frac{1}{3}$	$\Phi_{714}^4\ \Phi_{357}^2\ \Phi_{238}^4\ \Phi_{119}^2\ \Phi_{42}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^2$
145942	1848	3144	$\frac{3}{131}$	$\frac{1}{8}$	$\frac{32}{131}$	$\frac{1}{3}$	$\Phi_{3144}\ \Phi_{1572}\ \Phi_{786}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
145943	1848	111	$\frac{1}{37}$	$\frac{4}{37}$	$\frac{9}{37}$	$\frac{1}{3}$	$\Phi_{111}^{25}\ \Phi_3^{24}$
145944	1848	996	$\frac{3}{83}$	$\frac{1}{12}$	$\frac{20}{83}$	$\frac{1}{3}$	$\Phi_{996}^2\ \Phi_{498}^2\ \Phi_{332}^2\ \Phi_{249}\ \Phi_{166}^2\ \Phi_{83}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
145945	1848	750	$\frac{1}{25}$	$\frac{19}{250}$	$\frac{6}{25}$	$\frac{1}{3}$	$\Phi_{750}^4\ \Phi_{375}^4\ \Phi_{150}^4\ \Phi_{75}\ \Phi_{30}^4\ \Phi_{15}\ \Phi_6^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
145946	1848	2775	$\frac{41}{925}$	$\frac{64}{925}$	$\frac{221}{925}$	$\frac{1}{3}$	$\Phi_{2775}\ \Phi_{555}\ \Phi_{111}\ \Phi_{75}\ \Phi_{15}$
145947	1848	2838	$\frac{1}{22}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{2838}\ \Phi_{1419}\ \Phi_{258}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{6}^2$
145948	1848	300	$\frac{1}{25}$	$\frac{2}{25}$	$\frac{23}{100}$	$\frac{1}{3}$	$\Phi_{300}^{12}\ \Phi_{150}^{12}\ \Phi_{75}\ \Phi_{60}^{12}\ \Phi_{30}^{12}\ \Phi_{15}\ \Phi_{12}^{12}\ \Phi_{6}^{12}$
145949	1848	2775	$\frac{34}{925}$	$\frac{81}{925}$	$\frac{211}{925}$	$\frac{1}{3}$	$\Phi_{2775}\ \Phi_{555}\ \Phi_{111}\ \Phi_{75}\ \Phi_{15}$
145950	1848	3015	$\frac{1}{67}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{3015}\ \Phi_{335}$
145951	1848	2367	$\frac{5}{263}$	$\frac{43}{263}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2367}\ \Phi_{263}\ \Phi_{9}^2\ \Phi_{1}^2$
145952	1848	315	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{315}^7\ \Phi_{105}^7\ \Phi_{63}^6\ \Phi_{35}^7\ \Phi_{21}^7\ \Phi_{7}^6$
145953	1848	2367	$\frac{7}{263}$	$\frac{32}{263}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2367}\ \Phi_{263}\ \Phi_{9}^2\ \Phi_{1}^2$
145954	1848	306	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{306}^6\ \Phi_{153}^6\ \Phi_{102}^7\ \Phi_{51}^7\ \Phi_{34}^6\ \Phi_{18}^6\ \Phi_{17}^6\ \Phi_{6}^7\ \Phi_{2}^6$
145955	1848	2367	$\frac{10}{263}$	$\frac{23}{263}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2367}\ \Phi_{263}\ \Phi_{9}^2\ \Phi_{1}^2$
145956	1848	900	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{900}^3\ \Phi_{450}^3\ \Phi_{300}\ \Phi_{225}^2\ \Phi_{180}^3\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}^3\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
145957	1848	2367	$\frac{11}{263}$	$\frac{21}{263}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2367}\ \Phi_{263}\ \Phi_{9}^2\ \Phi_{1}^2$
145958	1848	2691	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2691}\ \Phi_{299}$
145959	1848	888	$\frac{1}{37}$	$\frac{9}{74}$	$\frac{65}{296}$	$\frac{1}{3}$	$\Phi_{888}^4\ \Phi_{444}^4\ \Phi_{111}\ \Phi_{24}^4\ \Phi_{12}^4$
145960	1848	2775	$\frac{22}{925}$	$\frac{129}{925}$	$\frac{199}{925}$	$\frac{1}{3}$	$\Phi_{2775}\ \Phi_{555}\ \Phi_{111}\ \Phi_{75}\ \Phi_{15}$
145961	1848	1806	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{1806}^2\ \Phi_{903}\ \Phi_{258}^2\ \Phi_{129}^2$
145962	1848	705	$\frac{4}{235}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{705}^4\ \Phi_{141}^4\ \Phi_{15}$
145963	1848	1725	$\frac{2}{115}$	$\frac{113}{575}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1725}^2\ \Phi_{75}^2\ \Phi_{15}$
145964	1848	1380	$\frac{1}{46}$	$\frac{15}{92}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1380}^3\ \Phi_{690}^2\ \Phi_{345}^2\ \Phi_{60}^3\ \Phi_{30}^2\ \Phi_{15}^3$
145965	1848	225	$\frac{1}{45}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{225}^{10}\ \Phi_{75}^9\ \Phi_{45}^2\ \Phi_{25}^{10}\ \Phi_{15}^2\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
145966	1848	345	$\frac{3}{115}$	$\frac{16}{115}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{345}^8\ \Phi_{69}^8\ \Phi_{15}^9\ \Phi_{3}^8$
145967	1848	2040	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2040}^2\ \Phi_{1020}^2\ \Phi_{510}\ \Phi_{255}\ \Phi_{120}\ \Phi_{60}\ \Phi_{15}$
145968	1848	345	$\frac{4}{115}$	$\frac{37}{345}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{345}^5\ \Phi_{115}^6\ \Phi_{69}^5\ \Phi_{23}^6\ \Phi_{15}^6\ \Phi_{5}^6\ \Phi_{3}^5\ \Phi_{1}^6$
145969	1848	240	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{240}^{12}\ \Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{48}^{12}\ \Phi_{30}^8\ \Phi_{24}^{12}\ \Phi_{15}^9\ \Phi_{12}^{12}\ \Phi_{6}^8\ \Phi_{3}^8$
145970	1848	345	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{345}^{10}\ \Phi_{15}^{11}$
145971	1848	660	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{660}^4\ \Phi_{330}^3\ \Phi_{220}^4\ \Phi_{165}^3\ \Phi_{110}^4\ \Phi_{60}^2\ \Phi_{55}^4\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{5}^2$
145972	1848	105	$\frac{2}{35}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^{18}\ \Phi_{35}^{20}\ \Phi_{21}^{18}\ \Phi_{15}^{11}\ \Phi_{7}^{20}\ \Phi_{5}^{12}\ \Phi_{3}^{10}\ \Phi_{1}^{12}$
145973	1848	3705	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{18}{95}$	$\frac{1}{3}$	$\Phi_{3705}\ \Phi_{195}\ \Phi_{39}$
145974	1848	375	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{67}{375}$	$\frac{1}{3}$	$\Phi_{375}^6\ \Phi_{125}^6\ \Phi_{75}\ \Phi_{15}$
145975	1848	3480	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{3480}\ \Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{87}$
145976	1848	555	$\frac{1}{37}$	$\frac{6}{37}$	$\frac{31}{185}$	$\frac{1}{3}$	$\Phi_{555}^6\ \Phi_{111}\ \Phi_{15}^6$
145977	1848	3144	$\frac{5}{131}$	$\frac{1}{8}$	$\frac{21}{131}$	$\frac{1}{3}$	$\Phi_{3144}\ \Phi_{1572}\ \Phi_{786}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
145978	1848	75	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{4}{25}$	$\frac{1}{3}$	$\Phi_{75}^{37}\ \Phi_{15}^{37}\ \Phi_{3}^{36}$
145979	1848	996	$\frac{5}{83}$	$\frac{1}{12}$	$\frac{13}{83}$	$\frac{1}{3}$	$\Phi_{996}^2\ \Phi_{498}^2\ \Phi_{332}^2\ \Phi_{249}\ \Phi_{166}^2\ \Phi_{83}^2\ \Phi_{12}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
145980	1848	2775	$\frac{61}{925}$	$\frac{71}{925}$	$\frac{144}{925}$	$\frac{1}{3}$	$\Phi_{2775}\ \Phi_{555}\ \Phi_{111}\ \Phi_{75}\ \Phi_{15}$
145981	1848	195	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{3}$	$\Phi_{195}^{10}\ \Phi_{65}^{10}\ \Phi_{39}^5\ \Phi_{15}^{12}\ \Phi_{13}^{10}\ \Phi_{5}^{12}\ \Phi_{3}^6\ \Phi_{1}^{12}$
145982	1848	2775	$\frac{56}{925}$	$\frac{79}{925}$	$\frac{141}{925}$	$\frac{1}{3}$	$\Phi_{2775}\ \Phi_{555}\ \Phi_{111}\ \Phi_{75}\ \Phi_{15}$
145983	1848	2829	$\frac{1}{23}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{3}$	$\Phi_{2829}\ \Phi_{69}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
145984	1848	450	$\frac{1}{25}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{450}^5\ \Phi_{225}^5\ \Phi_{150}^5\ \Phi_{90}^4\ \Phi_{75}\ \Phi_{50}^5\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_2^4$
145985	1848	2775	$\frac{36}{925}$	$\frac{127}{925}$	$\frac{133}{925}$	$\frac{1}{3}$	$\Phi_{2775}\ \Phi_{555}\ \Phi_{111}\ \Phi_{75}\ \Phi_{15}$
145986	1848	357	$\frac{2}{51}$	$\frac{7}{51}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{357}^6\ \Phi_{119}^6\ \Phi_{21}^7\ \Phi_7^6$
145987	1848	3864	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{3864}\ \Phi_{1932}\ \Phi_{966}$
145988	1848	567	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{567}^4\ \Phi_{189}^4\ \Phi_{63}^2\ \Phi_{21}^3\ \Phi_7^2$
145989	1848	1785	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1785}^2\ \Phi_{357}\ \Phi_{105}^2\ \Phi_{21}^2$
145990	1848	1071	$\frac{10}{153}$	$\frac{13}{153}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1071}^2\ \Phi_{357}^2\ \Phi_{119}^2\ \Phi_{63}^2\ \Phi_{21}^3\ \Phi_7^2$
145991	1848	420	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{420}^6\ \Phi_{210}^6\ \Phi_{140}^6\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^6\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^2$
145992	1848	996	$\frac{6}{83}$	$\frac{1}{12}$	$\frac{11}{83}$	$\frac{1}{3}$	$\Phi_{996}^2\ \Phi_{498}^2\ \Phi_{332}^2\ \Phi_{249}\ \Phi_{166}^2\ \Phi_{83}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
145993	1848	2775	$\frac{71}{925}$	$\frac{73}{925}$	$\frac{122}{925}$	$\frac{1}{3}$	$\Phi_{2775}\ \Phi_{555}\ \Phi_{111}\ \Phi_{75}\ \Phi_{15}$
145994	1848	1482	$\frac{1}{13}$	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{3}$	$\Phi_{1482}^2\ \Phi_{741}^2\ \Phi_{78}^2\ \Phi_{39}^3$
145995	1848	2775	$\frac{67}{925}$	$\frac{78}{925}$	$\frac{121}{925}$	$\frac{1}{3}$	$\Phi_{2775}\ \Phi_{555}\ \Phi_{111}\ \Phi_{75}\ \Phi_{15}$
145996	1848	3144	$\frac{10}{131}$	$\frac{11}{131}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{3144}\ \Phi_{1572}\ \Phi_{786}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
145997	1848	312	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{312}^7\ \Phi_{156}^5\ \Phi_{104}^8\ \Phi_{78}^5\ \Phi_{52}^6\ \Phi_{39}^6\ \Phi_{26}^6\ \Phi_{13}^6$
145998	1848	2505	$\frac{2}{167}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{55}{167}$	$\Phi_{2505}\ \Phi_{501}\ \Phi_{167}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
145999	1848	1162	$\frac{2}{83}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{27}{83}$	$\Phi_{1162}^2\ \Phi_{581}\ \Phi_{166}^2\ \Phi_{83}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
146000	1848	2622	$\frac{1}{38}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{37}{114}$	$\Phi_{2622}\ \Phi_{1311}\ \Phi_{138}\ \Phi_{114}^2\ \Phi_{69}\ \Phi_{57}^2\ \Phi_{23}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
146001	1848	684	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{37}{114}$	$\Phi_{684}^4\ \Phi_{342}^2\ \Phi_{228}^2\ \Phi_{171}^2\ \Phi_{114}\ \Phi_{76}^4\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{36}^5\ \Phi_{19}^2\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
146002	1848	2622	$\frac{1}{38}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{37}{114}$	$\Phi_{2622}\ \Phi_{1311}\ \Phi_{138}\ \Phi_{114}^2\ \Phi_{69}\ \Phi_{57}^2\ \Phi_{23}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
146003	1848	3990	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{37}{114}$	$\Phi_{3990}\ \Phi_{1995}\ \Phi_{210}\ \Phi_{105}\ \Phi_{35}$
146004	1848	585	$\frac{2}{65}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{21}{65}$	$\Phi_{585}^3\ \Phi_{195}^3\ \Phi_{117}^3\ \Phi_{65}^4\ \Phi_{45}^3\ \Phi_{39}^3\ \Phi_{15}^3\ \Phi_{13}^4\ \Phi_9^6\ \Phi_5^4\ \Phi_3^6\ \Phi_1^8$
146005	1848	520	$\frac{2}{65}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{21}{65}$	$\Phi_{520}^4\ \Phi_{260}^4\ \Phi_{130}^4\ \Phi_{104}^4\ \Phi_{52}^4\ \Phi_{40}^5\ \Phi_{26}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4$
146006	1848	1847	$\frac{65}{1847}$	$\frac{179}{1847}$	$\frac{417}{1847}$	$\frac{594}{1847}$	$\Phi_{1847}\ \Phi_1^2$
146007	1848	424	$\frac{2}{53}$	$\frac{1}{8}$	$\frac{9}{53}$	$\frac{17}{53}$	$\Phi_{424}^5\ \Phi_{212}^5\ \Phi_{106}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4$
146008	1848	1847	$\frac{74}{1847}$	$\frac{219}{1847}$	$\frac{314}{1847}$	$\frac{591}{1847}$	$\Phi_{1847}\ \Phi_1^2$
146009	1848	2315	$\frac{19}{463}$	$\frac{45}{463}$	$\frac{1}{5}$	$\frac{148}{463}$	Φ_{2315}
146010	1848	1763	$\frac{2}{41}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{13}{41}$	$\Phi_{1763}\ \Phi_{43}^2\ \Phi_{41}^2\ \Phi_1^4$
146011	1848	2460	$\frac{2}{41}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{13}{41}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{820}\ \Phi_{615}\ \Phi_{410}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2$
146012	1848	285	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{13}{57}$	$\frac{6}{19}$	$\Phi_{285}^7\ \Phi_{95}^7\ \Phi_{57}^4\ \Phi_{19}^6\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^3\ \Phi_1^6$
146013	1848	2925	$\frac{4}{75}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{71}{225}$	$\Phi_{2925}\ \Phi_{585}\ \Phi_{117}\ \Phi_{65}$
146014	1848	1847	$\frac{101}{1847}$	$\frac{115}{1847}$	$\frac{433}{1847}$	$\frac{582}{1847}$	$\Phi_{1847}\ \Phi_1^2$
146015	1848	2028	$\frac{10}{169}$	$\frac{1}{12}$	$\frac{29}{169}$	$\frac{53}{169}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{676}\ \Phi_{507}\ \Phi_{338}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
146016	1848	880	$\frac{3}{55}$	$\frac{1}{16}$	$\frac{13}{55}$	$\frac{5}{16}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{176}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{80}^2\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{16}^4\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
146017	1848	240	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{5}{16}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{80}^6\ \Phi_{60}^8\ \Phi_{48}^8\ \Phi_{40}^6\ \Phi_{30}^8\ \Phi_{24}^8\ \Phi_{20}^6\ \Phi_{16}^8\ \Phi_{15}^{12}\ \Phi_{12}^8\ \Phi_{10}^6\ \Phi_8^8\ \Phi_6^8\ \Phi_5^9\ \Phi_4^8\ \Phi_3^{12}\ \Phi_2^8\ \Phi_1^{12}$
146018	1848	528	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{5}{16}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{176}^2\ \Phi_{132}^4\ \Phi_{88}^2\ \Phi_{66}^4\ \Phi_{48}^4\ \Phi_{44}^2\ \Phi_{33}^6\ \Phi_{24}^4\ \Phi_{22}^2\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_{11}^3\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
146019	1848	880	$\frac{1}{16}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{5}{16}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{176}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{80}^2\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{16}^4\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
146020	1848	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{5}{16}$	$\Phi_{144}^{14}\ \Phi_{72}^{15}\ \Phi_{48}^{14}\ \Phi_{36}^{15}\ \Phi_{24}^{15}\ \Phi_{18}^{15}\ \Phi_{12}^{15}\ \Phi_{9}^{14}\ \Phi_{6}^{15}\ \Phi_{3}^{14}$
146021	1848	1847	$\frac{122}{1847}$	$\frac{139}{1847}$	$\frac{318}{1847}$	$\frac{575}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
146022	1848	2315	$\frac{29}{463}$	$\frac{31}{463}$	$\frac{1}{5}$	$\frac{144}{463}$	Φ_{2315}
146023	1848	1847	$\frac{91}{1847}$	$\frac{128}{1847}$	$\frac{439}{1847}$	$\frac{573}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
146024	1848	1995	$\frac{1}{15}$	$\frac{10}{133}$	$\frac{23}{133}$	$\frac{41}{133}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{285}\ \Phi_{105}\ \Phi_{95}\ \Phi_{57}\ \Phi_{35}\ \Phi_{21}$
146025	1848	780	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{9}{65}$	$\frac{4}{13}$	$\Phi_{780}^{3}\ \Phi_{390}^{3}\ \Phi_{260}^{3}\ \Phi_{195}^{3}\ \Phi_{156}\ \Phi_{130}^{3}\ \Phi_{78}\ \Phi_{60}^{3}\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}^{3}\ \Phi_{26}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{3}$
146026	1848	1847	$\frac{146}{1847}$	$\frac{160}{1847}$	$\frac{241}{1847}$	$\frac{567}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
146027	1848	1847	$\frac{149}{1847}$	$\frac{183}{1847}$	$\frac{208}{1847}$	$\frac{566}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
146028	1848	2088	$\frac{19}{232}$	$\frac{23}{232}$	$\frac{1}{9}$	$\frac{71}{232}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{522}\ \Phi_{348}\ \Phi_{261}\ \Phi_{174}\ \Phi_{87}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
146029	1848	2120	$\frac{22}{265}$	$\frac{23}{265}$	$\frac{1}{8}$	$\frac{81}{265}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{424}\ \Phi_{212}\ \Phi_{106}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
146030	1848	1847	$\frac{109}{1847}$	$\frac{158}{1847}$	$\frac{321}{1847}$	$\frac{563}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
146031	1848	2315	$\frac{23}{463}$	$\frac{40}{463}$	$\frac{1}{5}$	$\frac{141}{463}$	Φ_{2315}
146032	1848	1840	$\frac{3}{80}$	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{368}\ \Phi_{230}\ \Phi_{184}\ \Phi_{115}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{23}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
146033	1848	2185	$\frac{1}{19}$	$\frac{2}{23}$	$\frac{18}{95}$	$\frac{7}{23}$	$\Phi_{2185}\ \Phi_{115}\ \Phi_{95}^{2}\ \Phi_{23}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
146034	1848	874	$\frac{3}{38}$	$\frac{2}{23}$	$\frac{5}{38}$	$\frac{7}{23}$	$\Phi_{874}^{2}\ \Phi_{437}^{2}\ \Phi_{46}^{2}\ \Phi_{38}^{4}\ \Phi_{23}^{3}\ \Phi_{19}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
146035	1848	552	$\frac{1}{12}$	$\frac{2}{23}$	$\frac{1}{8}$	$\frac{7}{23}$	$\Phi_{552}^{4}\ \Phi_{276}^{3}\ \Phi_{184}^{3}\ \Phi_{138}^{3}\ \Phi_{92}^{2}\ \Phi_{69}^{3}\ \Phi_{46}^{2}\ \Phi_{24}^{8}\ \Phi_{23}^{3}\ \Phi_{12}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
146036	1848	315	$\frac{1}{15}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{63}$	$\Phi_{315}^{9}\ \Phi_{105}\ \Phi_{63}^{6}\ \Phi_{45}^{9}\ \Phi_{35}\ \Phi_{21}\ \Phi_{9}^{6}$
146037	1848	290	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{7}{29}$	$\frac{3}{10}$	$\Phi_{290}^{6}\ \Phi_{145}^{6}\ \Phi_{58}^{6}\ \Phi_{29}^{9}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
146038	1848	230	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{230}^{8}\ \Phi_{115}^{9}\ \Phi_{46}^{8}\ \Phi_{23}^{8}$
146039	1848	870	$\frac{7}{87}$	$\frac{1}{10}$	$\frac{10}{87}$	$\frac{3}{10}$	$\Phi_{870}^{2}\ \Phi_{435}^{2}\ \Phi_{290}^{2}\ \Phi_{174}^{2}\ \Phi_{145}^{2}\ \Phi_{87}^{3}\ \Phi_{58}^{2}\ \Phi_{30}^{2}\ \Phi_{29}^{3}\ \Phi_{15}^{2}\ \Phi_{10}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
146040	1848	180	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{3}{10}$	$\Phi_{180}^{12}\ \Phi_{90}^{10}\ \Phi_{60}^{8}\ \Phi_{45}^{10}\ \Phi_{36}^{15}\ \Phi_{30}^{6}\ \Phi_{20}^{8}\ \Phi_{18}^{13}\ \Phi_{15}^{6}\ \Phi_{12}^{10}\ \Phi_{10}^{8}\ \Phi_{9}^{12}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{10}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
146041	1848	1847	$\frac{59}{1847}$	$\frac{200}{1847}$	$\frac{447}{1847}$	$\frac{549}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
146042	1848	1847	$\frac{118}{1847}$	$\frac{200}{1847}$	$\frac{247}{1847}$	$\frac{549}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
146043	1848	2028	$\frac{1}{12}$	$\frac{17}{169}$	$\frac{19}{169}$	$\frac{50}{169}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{676}\ \Phi_{507}\ \Phi_{338}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
146044	1848	1847	$\frac{151}{1847}$	$\frac{186}{1847}$	$\frac{212}{1847}$	$\frac{545}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
146045	1848	2120	$\frac{17}{265}$	$\frac{31}{265}$	$\frac{1}{8}$	$\frac{78}{265}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{424}\ \Phi_{212}\ \Phi_{106}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
146046	1848	391	$\frac{1}{23}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{391}^{5}\ \Phi_{23}^{4}$
146047	1848	1847	$\frac{119}{1847}$	$\frac{216}{1847}$	$\frac{233}{1847}$	$\frac{538}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
146048	1848	2028	$\frac{1}{12}$	$\frac{15}{169}$	$\frac{22}{169}$	$\frac{49}{169}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{676}\ \Phi_{507}\ \Phi_{338}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
146049	1848	1847	$\frac{153}{1847}$	$\frac{164}{1847}$	$\frac{242}{1847}$	$\frac{535}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
146050	1848	2088	$\frac{15}{232}$	$\frac{1}{9}$	$\frac{31}{232}$	$\frac{67}{232}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{522}\ \Phi_{348}\ \Phi_{261}\ \Phi_{174}\ \Phi_{87}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
146051	1848	1847	$\frac{69}{1847}$	$\frac{254}{1847}$	$\frac{329}{1847}$	$\frac{531}{1847}$	$\Phi_{1847}\ \Phi_{1}^{2}$
146052	1848	2315	$\frac{15}{463}$	$\frac{64}{463}$	$\frac{1}{5}$	$\frac{133}{463}$	Φ_{2315}
146053	1848	2700	$\frac{1}{25}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{150}\ \Phi_{135}\ \Phi_{75}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
146054	1848	735	$\frac{1}{15}$	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{735}^{3}\ \Phi_{245}^{3}\ \Phi_{147}^{3}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
146055	1848	156	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{2}{13}$	$\frac{11}{39}$	$\Phi_{156}^{13}\ \Phi_{78}^{13}\ \Phi_{52}^{13}\ \Phi_{39}^{7}\ \Phi_{26}^{13}\ \Phi_{13}^{12}\ \Phi_{12}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
146056	1848	450	$\frac{1}{25}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^5\ \Phi_{90}^3\ \Phi_{75}^5\ \Phi_{50}^5\ \Phi_{45}^3\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
146057	1848	1122	$\frac{1}{51}$	$\frac{2}{11}$	$\frac{25}{102}$	$\frac{3}{11}$	$\Phi_{1122}^2\ \Phi_{561}\ \Phi_{374}^2\ \Phi_{187}\ \Phi_{102}^4\ \Phi_{66}^2\ \Phi_{51}^2\ \Phi_{34}^4\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
146058	1848	561	$\frac{2}{51}$	$\frac{7}{51}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{561}^3\ \Phi_{187}^3\ \Phi_{51}^6\ \Phi_{33}^3\ \Phi_{17}^6\ \Phi_{11}^4\ \Phi_{3}^6\ \Phi_{1}^8$
146059	1848	2024	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{184}^2\ \Phi_{92}^2\ \Phi_{46}^2$
146060	1848	891	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{99}\ \Phi_{81}^4\ \Phi_{33}\ \Phi_{27}^4\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
146061	1848	935	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{935}^2\ \Phi_{187}\ \Phi_{85}^4\ \Phi_{55}^2\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_{5}^4\ \Phi_{1}^4$
146062	1848	1683	$\frac{10}{153}$	$\frac{13}{153}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}\ \Phi_{153}^2\ \Phi_{99}\ \Phi_{51}^2\ \Phi_{33}\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
146063	1848	660	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{110}^3\ \Phi_{66}^2\ \Phi_{60}^6\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{30}^6\ \Phi_{22}^2\ \Phi_{20}^6\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_{10}^6\ \Phi_{6}^4\ \Phi_{5}^4\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
146064	1848	1140	$\frac{1}{57}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{228}^3\ \Phi_{190}^2\ \Phi_{114}^3\ \Phi_{76}^3\ \Phi_{60}\ \Phi_{38}^3\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{2}^2$
146065	1848	2505	$\frac{3}{167}$	$\frac{1}{5}$	$\frac{41}{167}$	$\frac{4}{15}$	$\Phi_{2505}\ \Phi_{501}\ \Phi_{167}\ \Phi_{15}^2\ \Phi_{3}^2\ \Phi_{1}^2$
146066	1848	645	$\frac{1}{43}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{645}^4\ \Phi_{215}\ \Phi_{129}^4$
146067	1848	2505	$\frac{5}{167}$	$\frac{27}{167}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2505}\ \Phi_{501}\ \Phi_{167}\ \Phi_{15}^2\ \Phi_{3}^2\ \Phi_{1}^2$
146068	1848	3045	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{3045}\ \Phi_{609}\ \Phi_{203}$
146069	1848	2505	$\frac{6}{167}$	$\frac{23}{167}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2505}\ \Phi_{501}\ \Phi_{167}\ \Phi_{15}^2\ \Phi_{3}^2\ \Phi_{1}^2$
146070	1848	600	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{600}^5\ \Phi_{300}^5\ \Phi_{200}\ \Phi_{150}^5\ \Phi_{120}^4\ \Phi_{100}\ \Phi_{60}^4\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{12}^4\ \Phi_{10}\ \Phi_{6}^4$
146071	1848	2505	$\frac{7}{167}$	$\frac{20}{167}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2505}\ \Phi_{501}\ \Phi_{167}\ \Phi_{15}^2\ \Phi_{3}^2\ \Phi_{1}^2$
146072	1848	990	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}\ \Phi_{198}^3\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{99}^3\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{2}^2$
146073	1848	2505	$\frac{11}{167}$	$\frac{13}{167}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2505}\ \Phi_{501}\ \Phi_{167}\ \Phi_{15}^2\ \Phi_{3}^2\ \Phi_{1}^2$
146074	1848	195	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{195}^{10}\ \Phi_{65}^{11}\ \Phi_{39}^{10}\ \Phi_{13}^{10}$
146075	1848	646	$\frac{1}{34}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{646}^3\ \Phi_{323}^3\ \Phi_{38}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{2}^2$
146076	1848	1847	$\frac{62}{1847}$	$\frac{255}{1847}$	$\frac{398}{1847}$	$\frac{483}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$
146077	1848	1955	$\frac{1}{23}$	$\frac{9}{85}$	$\frac{19}{85}$	$\frac{22}{85}$	$\Phi_{1955}\ \Phi_{391}\ \Phi_{115}$
146078	1848	1847	$\frac{98}{1847}$	$\frac{159}{1847}$	$\frac{422}{1847}$	$\frac{475}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$
146079	1848	1995	$\frac{1}{15}$	$\frac{9}{133}$	$\frac{31}{133}$	$\frac{34}{133}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{285}\ \Phi_{105}\ \Phi_{95}\ \Phi_{57}\ \Phi_{35}\ \Phi_{21}$
146080	1848	1847	$\frac{123}{1847}$	$\frac{125}{1847}$	$\frac{431}{1847}$	$\frac{472}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$
146081	1848	2028	$\frac{9}{169}$	$\frac{1}{12}$	$\frac{40}{169}$	$\frac{43}{169}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{676}\ \Phi_{507}\ \Phi_{338}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
146082	1848	1847	$\frac{75}{1847}$	$\frac{197}{1847}$	$\frac{443}{1847}$	$\frac{468}{1847}$	$\Phi_{1847}\ \Phi_{1}^2$
146083	1848	2120	$\frac{9}{265}$	$\frac{1}{8}$	$\frac{64}{265}$	$\frac{67}{265}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{424}\ \Phi_{212}\ \Phi_{106}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
146084	1848	721	$\frac{3}{103}$	$\frac{1}{7}$	$\frac{25}{103}$	$\frac{26}{103}$	$\Phi_{721}^3\ \Phi_{7}^2$
146085	1848	720	$\frac{3}{80}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{45}^3\ \Phi_{36}\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{15}^3\ \Phi_{12}\ \Phi_{6}$
146086	1848	1020	$\frac{1}{51}$	$\frac{1}{5}$	$\frac{25}{102}$	$\frac{1}{4}$	$\Phi_{1020}^3\ \Phi_{510}\ \Phi_{340}^3\ \Phi_{255}^2\ \Phi_{170}\ \Phi_{85}^2\ \Phi_{60}^3\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{5}^2$
146087	1848	232	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{7}{29}$	$\frac{1}{4}$	$\Phi_{232}^9\ \Phi_{116}^6\ \Phi_{58}^6\ \Phi_{29}^9\ \Phi_{8}^{12}\ \Phi_{4}^8\ \Phi_{2}^8\ \Phi_{1}^{12}$
146088	1848	2736	$\frac{3}{76}$	$\frac{1}{9}$	$\frac{73}{304}$	$\frac{1}{4}$	$\Phi_{2736}\ \Phi_{1368}\ \Phi_{912}\ \Phi_{456}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
146089	1848	2468	$\frac{25}{617}$	$\frac{67}{617}$	$\frac{148}{617}$	$\frac{1}{4}$	$\Phi_{2468}\ \Phi_{1234}$
146090	1848	660	$\frac{3}{55}$	$\frac{1}{12}$	$\frac{13}{55}$	$\frac{1}{4}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^2\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{110}^2\ \Phi_{66}^3\ \Phi_{60}^3\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^6\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_{6}^6\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
146091	1848	2468	$\frac{41}{617}$	$\frac{43}{617}$	$\frac{144}{617}$	$\frac{1}{4}$	$\Phi_{2468}\ \Phi_{1234}$
146092	1848	2580	$\frac{1}{15}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{1}{4}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{860}\ \Phi_{516}\ \Phi_{430}\ \Phi_{258}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2$
146093	1848	2468	$\frac{34}{617}$	$\frac{53}{617}$	$\frac{141}{617}$	$\frac{1}{4}$	$\Phi_{2468}\ \Phi_{1234}$
146094	1848	828	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{828}^3\ \Phi_{414}^3\ \Phi_{276}^3\ \Phi_{138}^3\ \Phi_{92}^4\ \Phi_{46}^4$
146095	1848	1840	$\frac{3}{80}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{368}\ \Phi_{230}\ \Phi_{184}\ \Phi_{115}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_1^2$
146096	1848	2468	$\frac{22}{617}$	$\frac{85}{617}$	$\frac{133}{617}$	$\frac{1}{4}$	$\Phi_{2468}\ \Phi_{1234}$
146097	1848	812	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{812}^3\ \Phi_{406}\ \Phi_{203}^2\ \Phi_{116}^4\ \Phi_{58}^2\ \Phi_{29}^2$
146098	1848	560	$\frac{3}{80}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{560}^4\ \Phi_{280}^4\ \Phi_{140}^3\ \Phi_{112}^4\ \Phi_{70}^3\ \Phi_{56}^4\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_7^4$
146099	1848	1020	$\frac{2}{51}$	$\frac{7}{51}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1020}^3\ \Phi_{510}^3\ \Phi_{340}^3\ \Phi_{170}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{10}^4$
146100	1848	920	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{920}^3\ \Phi_{460}^2\ \Phi_{230}^2\ \Phi_{115}^3$
146101	1848	1620	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1620}^2\ \Phi_{810}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
146102	1848	340	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{340}^7\ \Phi_{170}^7\ \Phi_{68}^8\ \Phi_{34}^8\ \Phi_{20}^8\ \Phi_{10}^8\ \Phi_4^8\ \Phi_2^8$
146103	1848	3060	$\frac{10}{153}$	$\frac{13}{153}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{180}\ \Phi_{170}\ \Phi_{90}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
146104	1848	60	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{60}^{29}\ \Phi_{30}^{29}\ \Phi_{20}^{30}\ \Phi_{15}^{33}\ \Phi_{12}^{32}\ \Phi_{10}^{30}\ \Phi_6^{32}\ \Phi_5^{33}\ \Phi_4^{32}\ \Phi_3^{36}\ \Phi_2^{32}\ \Phi_1^{36}$
146105	1848	3420	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{18}{95}$	$\frac{1}{4}$	$\Phi_{3420}\ \Phi_{1710}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
146106	1848	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{4}$	$\Phi_{132}^{13}\ \Phi_{66}^{13}\ \Phi_{44}^{14}\ \Phi_{33}^{15}\ \Phi_{22}^{14}\ \Phi_{12}^{16}\ \Phi_{11}^{15}\ \Phi_6^{16}\ \Phi_4^{16}\ \Phi_3^{18}\ \Phi_2^{16}\ \Phi_1^{18}$
146107	1848	684	$\frac{3}{38}$	$\frac{1}{9}$	$\frac{5}{38}$	$\frac{1}{4}$	$\Phi_{684}^4\ \Phi_{342}^2\ \Phi_{228}^4\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{36}^5\ \Phi_{18}^3\ \Phi_{12}^5\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
146108	1848	2468	$\frac{50}{617}$	$\frac{67}{617}$	$\frac{81}{617}$	$\frac{1}{4}$	$\Phi_{2468}\ \Phi_{1234}$
146109	1848	660	$\frac{1}{12}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{4}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^2\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{110}^2\ \Phi_{66}^3\ \Phi_{60}^3\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^6\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_6^6\ \Phi_5^3\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
146110	1848	2468	$\frac{49}{617}$	$\frac{71}{617}$	$\frac{78}{617}$	$\frac{1}{4}$	$\Phi_{2468}\ \Phi_{1234}$
146111	1848	696	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{696}^3\ \Phi_{348}^2\ \Phi_{232}^3\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}^3\ \Phi_{58}^2\ \Phi_{29}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_8^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
146112	1848	72	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{72}^{33}\ \Phi_{36}^{25}\ \Phi_{24}^{21}\ \Phi_{18}^{25}\ \Phi_{12}^{16}\ \Phi_9^{24}\ \Phi_8^{24}\ \Phi_6^{16}\ \Phi_4^{18}\ \Phi_3^{15}\ \Phi_2^{18}\ \Phi_1^{18}$
146113	1848	725	$\frac{1}{29}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{29}$	$\Phi_{725}^3\ \Phi_{29}^3\ \Phi_{25}^4\ \Phi_1^4$
146114	1848	1162	$\frac{3}{83}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{20}{83}$	$\Phi_{1162}^2\ \Phi_{581}\ \Phi_{166}^2\ \Phi_{83}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
146115	1848	440	$\frac{3}{55}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{13}{55}$	$\Phi_{440}^4\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{88}^4\ \Phi_{55}^5\ \Phi_{44}^4\ \Phi_{40}^5\ \Phi_{22}^4\ \Phi_{20}^5\ \Phi_{11}^5\ \Phi_{10}^5\ \Phi_8^4\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
146116	1848	1763	$\frac{3}{43}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{10}{43}$	$\Phi_{1763}\ \Phi_{43}^2\ \Phi_{41}^2\ \Phi_1^4$
146117	1848	2408	$\frac{3}{43}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{10}{43}$	$\Phi_{2408}\ \Phi_{1204}\ \Phi_{602}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2$
146118	1848	156	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{5}{26}$	$\frac{3}{13}$	$\Phi_{156}^{13}\ \Phi_{78}^{13}\ \Phi_{52}^{13}\ \Phi_{39}^{13}\ \Phi_{26}^5\ \Phi_{13}^8\ \Phi_{12}^{12}\ \Phi_6^{12}\ \Phi_4^{12}\ \Phi_3^{12}\ \Phi_2^4\ \Phi_1^8$
146119	1848	1847	$\frac{143}{1847}$	$\frac{203}{1847}$	$\frac{274}{1847}$	$\frac{426}{1847}$	$\Phi_{1847}\ \Phi_1^2$
146120	1848	2120	$\frac{21}{265}$	$\frac{1}{8}$	$\frac{34}{265}$	$\frac{61}{265}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{424}\ \Phi_{212}\ \Phi_{106}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
146121	1848	1847	$\frac{147}{1847}$	$\frac{230}{1847}$	$\frac{237}{1847}$	$\frac{425}{1847}$	$\Phi_{1847}\ \Phi_1^2$
146122	1848	1300	$\frac{1}{13}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{100}$	$\Phi_{1300}^2\ \Phi_{650}^2\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{26}^2$
146123	1848	2163	$\frac{25}{309}$	$\frac{34}{309}$	$\frac{1}{7}$	$\frac{71}{309}$	$\Phi_{2163}\ \Phi_{721}\ \Phi_{21}$
146124	1848	315	$\frac{2}{35}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{315}^6\ \Phi_{105}^6\ \Phi_{63}^6\ \Phi_{45}^3\ \Phi_{35}^8\ \Phi_{21}^6\ \Phi_{15}^3\ \Phi_9^6\ \Phi_7^8\ \Phi_5^4\ \Phi_3^6\ \Phi_1^8$
146125	1848	117	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{2}{13}$	$\frac{2}{9}$	$\Phi_{117}^{15}\ \Phi_{39}^{15}\ \Phi_{13}^{20}\ \Phi_9^{18}\ \Phi_3^{18}\ \Phi_1^{24}$
146126	1848	252	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{9}$	$\Phi_{252}^9\ \Phi_{126}^9\ \Phi_{84}^{10}\ \Phi_{63}^6\ \Phi_{42}^{10}\ \Phi_{28}^{10}\ \Phi_{21}^7\ \Phi_{14}^{10}\ \Phi_7^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
146127	1848	1847	$\frac{131}{1847}$	$\frac{223}{1847}$	$\frac{286}{1847}$	$\frac{406}{1847}$	$\Phi_{1847}\ \Phi_1^2$
146128	1848	2028	$\frac{1}{12}$	$\frac{21}{169}$	$\frac{22}{169}$	$\frac{37}{169}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{676}\ \Phi_{507}\ \Phi_{338}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
146129	1848	2304	$\frac{25}{256}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{32}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
146130	1848	2185	$\frac{1}{19}$	$\frac{3}{23}$	$\frac{18}{95}$	$\frac{5}{23}$	$\Phi_{2185}\ \Phi_{115}\ \Phi_{95}^2\ \Phi_{23}\ \Phi_5^2\ \Phi_1^2$
146131	1848	874	$\frac{3}{38}$	$\frac{3}{23}$	$\frac{5}{38}$	$\frac{5}{23}$	$\Phi_{874}^2\ \Phi_{437}^2\ \Phi_{46}^2\ \Phi_{38}^4\ \Phi_{23}^3\ \Phi_{19}^4\ \Phi_2^4\ \Phi_1^6$
146132	1848	552	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{3}{23}$	$\frac{5}{23}$	$\Phi_{552}^4\ \Phi_{276}^3\ \Phi_{184}^3\ \Phi_{138}^3\ \Phi_{92}^2\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{24}^8\ \Phi_{23}^3\ \Phi_{12}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
146133	1848	1847	$\frac{146}{1847}$	$\frac{241}{1847}$	$\frac{243}{1847}$	$\frac{401}{1847}$	$\Phi_{1847}\ \Phi_1^2$
146134	1848	2163	$\frac{22}{309}$	$\frac{41}{309}$	$\frac{1}{7}$	$\frac{67}{309}$	$\Phi_{2163}\ \Phi_{721}\ \Phi_{21}$
146135	1848	770	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{770}^3\ \Phi_{385}^3\ \Phi_{110}^4\ \Phi_{70}\ \Phi_{55}^4\ \Phi_{35}^2\ \Phi_{10}^2\ \Phi_5^2$
146136	1848	1162	$\frac{5}{83}$	$\frac{1}{7}$	$\frac{13}{83}$	$\frac{3}{14}$	$\Phi_{1162}^2\ \Phi_{581}\ \Phi_{166}^2\ \Phi_{83}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
146137	1848	210	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{210}^{12}\ \Phi_{105}^7\ \Phi_{70}^{12}\ \Phi_{42}^{12}\ \Phi_{35}^7\ \Phi_{30}^{12}\ \Phi_{21}^7\ \Phi_{15}^6\ \Phi_{10}^{12}\ \Phi_6^{12}\ \Phi_5^6\ \Phi_3^6$
146138	1848	1162	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{1162}^2\ \Phi_{581}\ \Phi_{166}^2\ \Phi_{83}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
146139	1848	728	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{728}^3\ \Phi_{364}^3\ \Phi_{182}\ \Phi_{104}^4\ \Phi_{91}^2\ \Phi_{52}^4\ \Phi_{26}^2\ \Phi_{13}^2$
146140	1848	1847	$\frac{132}{1847}$	$\frac{245}{1847}$	$\frac{267}{1847}$	$\frac{395}{1847}$	$\Phi_{1847}\ \Phi_1^2$
146141	1848	2028	$\frac{1}{12}$	$\frac{19}{169}$	$\frac{25}{169}$	$\frac{36}{169}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{676}\ \Phi_{507}\ \Phi_{338}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
146142	1848	1847	$\frac{149}{1847}$	$\frac{208}{1847}$	$\frac{283}{1847}$	$\frac{391}{1847}$	$\Phi_{1847}\ \Phi_1^2$
146143	1848	2120	$\frac{19}{265}$	$\frac{1}{8}$	$\frac{41}{265}$	$\frac{56}{265}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{424}\ \Phi_{212}\ \Phi_{106}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
146144	1848	570	$\frac{1}{15}$	$\frac{5}{38}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{570}^4\ \Phi_{285}^3\ \Phi_{190}^4\ \Phi_{114}^4\ \Phi_{95}^3\ \Phi_{57}^3\ \Phi_{30}^4\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2$
146145	1848	2400	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{160}\ \Phi_{150}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
146146	1848	575	$\frac{1}{23}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{575}^4\ \Phi_{115}$
146147	1848	280	$\frac{2}{35}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{280}^8\ \Phi_{140}^8\ \Phi_{70}^8\ \Phi_{56}^8\ \Phi_{40}^5\ \Phi_{28}^8\ \Phi_{20}^5\ \Phi_{14}^8\ \Phi_{10}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4$
146148	1848	665	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{18}{95}$	$\frac{1}{5}$	$\Phi_{665}^3\ \Phi_{133}^4\ \Phi_{35}^4\ \Phi_7^4$
146149	1848	2600	$\frac{4}{65}$	$\frac{1}{8}$	$\frac{61}{325}$	$\frac{1}{5}$	$\Phi_{2600}\ \Phi_{1300}\ \Phi_{650}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
146150	1848	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{5}$	$\Phi_{120}^{16}\ \Phi_{60}^{16}\ \Phi_{40}^{13}\ \Phi_{30}^{16}\ \Phi_{24}^{16}\ \Phi_{20}^{13}\ \Phi_{15}^{20}\ \Phi_{12}^{16}\ \Phi_{10}^{13}\ \Phi_8^{12}\ \Phi_6^{16}\ \Phi_5^{16}\ \Phi_4^{12}\ \Phi_3^{20}\ \Phi_2^{12}\ \Phi_1^{16}$
146151	1848	325	$\frac{1}{13}$	$\frac{3}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{325}^6\ \Phi_{65}^7\ \Phi_{13}^6$
146152	1848	2175	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{2175}\ \Phi_{725}\ \Phi_{87}\ \Phi_{75}\ \Phi_{29}\ \Phi_{25}^2\ \Phi_3\ \Phi_1^2$
146153	1848	900	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{900}^3\ \Phi_{450}^3\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{36}^3\ \Phi_{25}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
146154	1848	520	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{2}{13}$	$\frac{1}{5}$	$\Phi_{520}^5\ \Phi_{260}^5\ \Phi_{130}^5\ \Phi_{40}^6\ \Phi_{20}^6\ \Phi_{10}^6$
146155	1848	2315	$\frac{37}{463}$	$\frac{56}{463}$	$\frac{71}{463}$	$\frac{1}{5}$	Φ_{2315}
146156	1848	2460	$\frac{1}{12}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{5}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{820}\ \Phi_{615}\ \Phi_{410}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2$
146157	1848	2315	$\frac{36}{463}$	$\frac{61}{463}$	$\frac{67}{463}$	$\frac{1}{5}$	Φ_{2315}
146158	1848	1170	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{5}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{390}^2\ \Phi_{234}^2\ \Phi_{130}^2\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{26}^2$
146159	1848	1330	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{1330}^2\ \Phi_{665}^2\ \Phi_{70}^2\ \Phi_{35}^3$
146160	1848	840	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{840}^4\ \Phi_{420}^3\ \Phi_{280}^3\ \Phi_{210}^3\ \Phi_{140}^2\ \Phi_{105}^3\ \Phi_{70}^2\ \Phi_{35}^3$
146161	1848	1320	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{33}$	$\frac{7}{40}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{440}\ \Phi_{330}^2\ \Phi_{220}\ \Phi_{165}^2\ \Phi_{120}^2\ \Phi_{110}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{40}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
146162	1848	440	$\frac{6}{55}$	$\frac{1}{8}$	$\frac{7}{55}$	$\frac{7}{40}$	$\Phi_{440}^4\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{88}^4\ \Phi_{55}^5\ \Phi_{44}^4\ \Phi_{40}^5\ \Phi_{22}^4\ \Phi_{20}^5\ \Phi_{11}^5\ \Phi_{10}^5\ \Phi_8^4\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
146163	1848	360	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{40}$	$\Phi_{360}^{7}\ \Phi_{180}^{7}\ \Phi_{120}^{7}\ \Phi_{90}^{7}\ \Phi_{72}\ \Phi_{60}^{7}\ \Phi_{45}^{7}\ \Phi_{36}\ \Phi_{30}^{7}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}^{7}\ \Phi_{12}\ \Phi_{6}$
146164	1848	424	$\frac{5}{53}$	$\frac{1}{8}$	$\frac{8}{53}$	$\frac{9}{53}$	$\Phi_{424}^{5}\ \Phi_{212}^{5}\ \Phi_{106}^{5}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
146165	1849	3168	$\frac{1}{264}$	$\frac{265}{1584}$	$\frac{1319}{3168}$	$\frac{263}{528}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{288}\ \Phi_{176}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
146166	1849	3680	$\frac{9}{1840}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1831}{3680}$	$\Phi_{3680}\ \Phi_{736}\ \Phi_{160}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
146167	1849	3360	$\frac{1}{168}$	$\frac{169}{1680}$	$\frac{1511}{3360}$	$\frac{167}{336}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{336}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
146168	1849	3672	$\frac{13}{1836}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1823}{3672}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{216}\ \Phi_{136}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
146169	1849	2472	$\frac{5}{618}$	$\frac{1}{6}$	$\frac{623}{2472}$	$\frac{613}{1236}$	$\Phi_{2472}\ \Phi_{824}\ \Phi_{618}\ \Phi_{309}\ \Phi_{206}\ \Phi_{103}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
146170	1849	3520	$\frac{1}{88}$	$\frac{89}{1760}$	$\frac{1671}{3520}$	$\frac{87}{176}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{176}\ \Phi_{64}\ \Phi_{16}\ \Phi_{1}$
146171	1849	2640	$\frac{1}{88}$	$\frac{89}{880}$	$\frac{791}{2640}$	$\frac{87}{176}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{176}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{48}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
146172	1849	2112	$\frac{1}{88}$	$\frac{263}{2112}$	$\frac{89}{352}$	$\frac{87}{176}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{64}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
146173	1849	3648	$\frac{25}{1824}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{1799}{3648}$	$\Phi_{3648}\ \Phi_{1216}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
146174	1849	3648	$\frac{25}{1824}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1799}{3648}$	$\Phi_{3648}\ \Phi_{1216}\ \Phi_{192}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
146175	1849	3640	$\frac{29}{1820}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1791}{3640}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{280}\ \Phi_{104}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
146176	1849	2226	$\frac{6}{371}$	$\frac{1}{7}$	$\frac{377}{2226}$	$\frac{365}{742}$	$\Phi_{2226}\ \Phi_{1113}\ \Phi_{371}\ \Phi_{318}\ \Phi_{159}\ \Phi_{53}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
146177	1849	3584	$\frac{1}{56}$	$\frac{57}{1792}$	$\frac{1735}{3584}$	$\frac{55}{112}$	$\Phi_{3584}\ \Phi_{512}\ \Phi_{112}\ \Phi_{16}\ \Phi_{1}$
146178	1849	2688	$\frac{1}{56}$	$\frac{57}{896}$	$\frac{839}{2688}$	$\frac{55}{112}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
146179	1849	2016	$\frac{1}{56}$	$\frac{167}{2016}$	$\frac{57}{224}$	$\frac{55}{112}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
146180	1849	2240	$\frac{1}{56}$	$\frac{57}{448}$	$\frac{391}{2240}$	$\frac{55}{112}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{320}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
146181	1849	84	$\frac{1}{42}$	$\frac{1}{42}$	$\frac{41}{84}$	$\frac{41}{84}$	$\Phi_{84}^{2}\ \Phi_{42}^{42}\ \Phi_{28}^{2}\ \Phi_{21}^{42}\ \Phi_{14}^{42}\ \Phi_{12}^{2}\ \Phi_{7}^{42}\ \Phi_{6}^{42}\ \Phi_{4}^{2}\ \Phi_{3}^{42}\ \Phi_{2}^{42}\ \Phi_{1}^{43}$
146182	1849	1260	$\frac{1}{42}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{1260}^{3}\ \Phi_{420}^{3}\ \Phi_{252}^{3}\ \Phi_{180}^{3}\ \Phi_{140}^{3}\ \Phi_{84}\ \Phi_{60}^{3}\ \Phi_{45}\ \Phi_{36}^{3}\ \Phi_{28}\ \Phi_{20}^{3}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
146183	1849	252	$\frac{1}{42}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{41}{84}$	$\Phi_{252}^{21}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}^{21}\ \Phi_{28}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
146184	1849	168	$\frac{1}{42}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{41}{84}$	$\Phi_{168}^{14}\ \Phi_{84}\ \Phi_{56}^{15}\ \Phi_{42}^{14}\ \Phi_{28}^{2}\ \Phi_{24}^{14}\ \Phi_{21}^{14}\ \Phi_{14}^{14}\ \Phi_{12}\ \Phi_{8}^{15}\ \Phi_{7}^{14}\ \Phi_{6}^{14}\ \Phi_{4}^{2}\ \Phi_{3}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
146185	1849	336	$\frac{1}{42}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{41}{84}$	$\Phi_{336}^{6}\ \Phi_{168}^{6}\ \Phi_{112}^{6}\ \Phi_{84}\ \Phi_{56}^{6}\ \Phi_{48}^{7}\ \Phi_{42}^{6}\ \Phi_{28}\ \Phi_{24}^{7}\ \Phi_{21}^{6}\ \Phi_{16}^{7}\ \Phi_{14}^{6}\ \Phi_{12}^{2}\ \Phi_{8}^{7}\ \Phi_{7}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
146186	1849	588	$\frac{1}{42}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{41}{84}$	$\Phi_{588}^{7}\ \Phi_{196}^{7}\ \Phi_{84}\ \Phi_{49}\ \Phi_{28}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
146187	1849	3600	$\frac{49}{1800}$	$\frac{1}{24}$	$\frac{23}{72}$	$\frac{1751}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
146188	1849	3600	$\frac{49}{1800}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1751}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
146189	1849	2232	$\frac{11}{372}$	$\frac{1}{12}$	$\frac{383}{2232}$	$\frac{361}{744}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{558}\ \Phi_{372}\ \Phi_{279}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{72}\ \Phi_{62}\ \Phi_{36}\ \Phi_{31}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
146190	1849	3584	$\frac{57}{1792}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1735}{3584}$	$\Phi_{3584}\ \Phi_{512}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
146191	1849	2496	$\frac{23}{624}$	$\frac{1}{24}$	$\frac{647}{2496}$	$\frac{601}{1248}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{192}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{64}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
146192	1849	3564	$\frac{1}{33}$	$\frac{67}{1782}$	$\frac{32}{99}$	$\frac{1715}{3564}$	$\Phi_{3564}\ \Phi_{1188}\ \Phi_{396}\ \Phi_{324}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
146193	1849	2736	$\frac{25}{912}$	$\frac{1}{24}$	$\frac{887}{2736}$	$\frac{23}{48}$	$\Phi_{2736}\ \Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
146194	1849	1920	$\frac{71}{1920}$	$\frac{1}{24}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
146195	1849	3528	$\frac{1}{42}$	$\frac{85}{1764}$	$\frac{41}{126}$	$\frac{1679}{3528}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{392}\ \Phi_{168}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
146196	1849	3528	$\frac{85}{1764}$	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1679}{3528}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{392}\ \Phi_{168}\ \Phi_{98}\ \Phi_{72}\ \Phi_{56}\ \Phi_{49}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
146197	1849	2128	$\frac{13}{266}$	$\frac{1}{14}$	$\frac{279}{2128}$	$\frac{253}{532}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{304}\ \Phi_{266}\ \Phi_{152}\ \Phi_{133}\ \Phi_{112}\ \Phi_{56}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
146198	1849	3520	$\frac{1}{22}$	$\frac{89}{1760}$	$\frac{21}{110}$	$\frac{1671}{3520}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{110}\ \Phi_{64}\ \Phi_{55}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
146199	1849	2508	$\frac{1}{33}$	$\frac{32}{627}$	$\frac{659}{2508}$	$\frac{595}{1254}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{627}\ \Phi_{228}\ \Phi_{209}\ \Phi_{132}\ \Phi_{76}\ \Phi_{57}\ \Phi_{44}\ \Phi_{19}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
146200	1849	2244	$\frac{1}{22}$	$\frac{21}{374}$	$\frac{395}{2244}$	$\frac{353}{748}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{561}\ \Phi_{374}\ \Phi_{204}\ \Phi_{187}\ \Phi_{132}\ \Phi_{102}\ \Phi_{66}\ \Phi_{51}\ \Phi_{34}\ \Phi_{33}\ \Phi_{17}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
146201	1849	2520	$\frac{1}{42}$	$\frac{41}{630}$	$\frac{671}{2520}$	$\frac{589}{1260}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{126}\ \Phi_{120}\ \Phi_{105}\ \Phi_{90}\ \Phi_{72}\ \Phi_{70}\ \Phi_{63}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
146202	1849	2002	$\frac{10}{143}$	$\frac{153}{2002}$	$\frac{1}{11}$	$\frac{133}{286}$	$\Phi_{2002}\ \Phi_{1001}\ \Phi_{182}\ \Phi_{154}\ \Phi_{143}\ \Phi_{91}\ \Phi_{77}\ \Phi_{14}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}$
146203	1849	3456	$\frac{1}{24}$	$\frac{121}{1728}$	$\frac{23}{144}$	$\frac{1607}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
146204	1849	880	$\frac{1}{44}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{880}^4\ \Phi_{176}^4\ \Phi_{80}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{16}^3\ \Phi_{11}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
146205	1849	3432	$\frac{10}{143}$	$\frac{133}{1716}$	$\frac{1}{11}$	$\frac{1583}{3432}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{264}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}\ \Phi_{24}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
146206	1849	3360	$\frac{1}{42}$	$\frac{169}{1680}$	$\frac{41}{210}$	$\frac{1511}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{224}\ \Phi_{210}\ \Phi_{160}\ \Phi_{105}\ \Phi_{96}\ \Phi_{70}\ \Phi_{35}\ \Phi_{32}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
146207	1849	2268	$\frac{1}{42}$	$\frac{41}{378}$	$\frac{419}{2268}$	$\frac{337}{756}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{324}\ \Phi_{189}\ \Phi_{162}\ \Phi_{126}\ \Phi_{81}\ \Phi_{63}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
146208	1849	1920	$\frac{71}{1920}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
146209	1849	2208	$\frac{9}{368}$	$\frac{1}{8}$	$\frac{359}{2208}$	$\frac{7}{16}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}\ \Phi_{69}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
146210	1849	1920	$\frac{71}{1920}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
146211	1849	1960	$\frac{111}{1960}$	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{85}{196}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{140}\ \Phi_{98}\ \Phi_{70}\ \Phi_{56}\ \Phi_{49}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
146212	1849	3248	$\frac{7}{232}$	$\frac{1}{8}$	$\frac{225}{1624}$	$\frac{1399}{3248}$	$\Phi_{3248}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{112}\ \Phi_{58}\ \Phi_{29}\ \Phi_{16}\ \Phi_{1}$
146213	1849	3192	$\frac{13}{266}$	$\frac{1}{14}$	$\frac{253}{1596}$	$\frac{1343}{3192}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{266}\ \Phi_{168}\ \Phi_{152}\ \Phi_{133}\ \Phi_{56}\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
146214	1849	2016	$\frac{1}{24}$	$\frac{167}{2016}$	$\frac{23}{144}$	$\frac{121}{288}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
146215	1849	3168	$\frac{1}{132}$	$\frac{265}{1584}$	$\frac{131}{396}$	$\frac{1319}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{396}\ \Phi_{352}\ \Phi_{288}\ \Phi_{198}\ \Phi_{99}\ \Phi_{96}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
146216	1849	1890	$\frac{41}{1890}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{63}\ \Phi_{54}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
146217	1849	1920	$\frac{71}{1920}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
146218	1849	3120	$\frac{1}{24}$	$\frac{23}{312}$	$\frac{289}{1560}$	$\frac{1271}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{312}\ \Phi_{240}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{80}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
146219	1849	1980	$\frac{1}{22}$	$\frac{131}{1980}$	$\frac{21}{110}$	$\frac{89}{220}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{36}\ \Phi_{33}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
146220	1849	2100	$\frac{1}{42}$	$\frac{251}{2100}$	$\frac{41}{210}$	$\frac{169}{420}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}\ \Phi_{105}\ \Phi_{100}\ \Phi_{75}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
146221	1849	2310	$\frac{1}{77}$	$\frac{76}{385}$	$\frac{461}{2310}$	$\frac{309}{770}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{385}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{105}\ \Phi_{66}\ \Phi_{55}\ \Phi_{42}\ \Phi_{35}\ \Phi_{33}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
146222	1849	2640	$\frac{1}{132}$	$\frac{131}{660}$	$\frac{791}{2640}$	$\frac{529}{1320}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{240}\ \Phi_{220}\ \Phi_{176}\ \Phi_{165}\ \Phi_{110}\ \Phi_{80}\ \Phi_{60}\ \Phi_{55}\ \Phi_{48}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
146223	1849	3080	$\frac{1}{77}$	$\frac{76}{385}$	$\frac{309}{1540}$	$\frac{1231}{3080}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{385}\ \Phi_{280}\ \Phi_{88}\ \Phi_{56}\ \Phi_{55}\ \Phi_{40}\ \Phi_{35}\ \Phi_8\ \Phi_5\ \Phi_1$
146224	1849	3024	$\frac{1}{168}$	$\frac{337}{1512}$	$\frac{167}{504}$	$\frac{1175}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{432}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
146225	1849	3024	$\frac{1}{42}$	$\frac{41}{378}$	$\frac{337}{1512}$	$\frac{1175}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{378}\ \Phi_{336}\ \Phi_{189}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
146226	1849	2992	$\frac{1}{22}$	$\frac{21}{374}$	$\frac{353}{1496}$	$\frac{1143}{2992}$	$\Phi_{2992}\ \Phi_{374}\ \Phi_{272}\ \Phi_{187}\ \Phi_{176}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
146227	1849	2976	$\frac{11}{372}$	$\frac{1}{12}$	$\frac{361}{1488}$	$\frac{1127}{2976}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{96}\ \Phi_{93}\ \Phi_{62}\ \Phi_{32}\ \Phi_{31}\ \Phi_1$
146228	1849	2968	$\frac{6}{371}$	$\frac{1}{7}$	$\frac{365}{1484}$	$\frac{1119}{2968}$	$\Phi_{2968}\ \Phi_{424}\ \Phi_{371}\ \Phi_{56}\ \Phi_{53}\ \Phi_8\ \Phi_1$
146229	1849	2688	$\frac{1}{168}$	$\frac{167}{672}$	$\frac{839}{2688}$	$\frac{505}{1344}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{224}\ \Phi_{128}\ \Phi_{112}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
146230	1849	528	$\frac{1}{44}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{176}^4\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{48}^3\ \Phi_{44}^3\ \Phi_{33}^4\ \Phi_{24}^3\ \Phi_{22}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
146231	1849	1872	$\frac{23}{1872}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{13}\ \Phi_9\ \Phi_8\ \Phi_1$
146232	1849	132	$\frac{1}{44}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{132}^{11}\ \Phi_{66}^{10}\ \Phi_{44}^{21}\ \Phi_{33}^{11}\ \Phi_{22}^{20}\ \Phi_{12}^{11}\ \Phi_{11}^{20}\ \Phi_6^{10}\ \Phi_4^{21}\ \Phi_3^{11}\ \Phi_2^{20}\ \Phi_1^{21}$
146233	1849	1980	$\frac{1}{33}$	$\frac{131}{1980}$	$\frac{32}{99}$	$\frac{67}{198}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
146234	1849	2016	$\frac{1}{42}$	$\frac{167}{2016}$	$\frac{41}{126}$	$\frac{85}{252}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
146235	1849	2784	$\frac{7}{464}$	$\frac{1}{8}$	$\frac{457}{1392}$	$\frac{935}{2784}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{96}\ \Phi_{58}\ \Phi_{32}\ \Phi_{29}\ \Phi_{16}\ \Phi_1$
146236	1849	2376	$\frac{1}{132}$	$\frac{527}{2376}$	$\frac{131}{396}$	$\frac{265}{792}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{216}\ \Phi_{198}\ \Phi_{108}\ \Phi_{99}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
146237	1849	2772	$\frac{1}{231}$	$\frac{230}{693}$	$\frac{923}{2772}$	$\frac{463}{1386}$	$\Phi_{2772}\ \Phi_{924}\ \Phi_{693}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{132}\ \Phi_{99}\ \Phi_{84}\ \Phi_{63}\ \Phi_{44}\ \Phi_{36}\ \Phi_{28}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
146238	1849	45	$\frac{2}{45}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{45}^{41}\ \Phi_{15}^{41}\ \Phi_9^{41}\ \Phi_5^{41}\ \Phi_3^{42}\ \Phi_1^{43}$
146239	1849	315	$\frac{2}{45}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{315}^6\ \Phi_{105}^6\ \Phi_{63}^4\ \Phi_{45}^7\ \Phi_{35}^6\ \Phi_{21}^6\ \Phi_{15}^7\ \Phi_9^5\ \Phi_7^6\ \Phi_5^7\ \Phi_3^6\ \Phi_1^7$
146240	1849	2520	$\frac{2}{45}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{120}\ \Phi_{72}\ \Phi_{60}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
146241	1849	315	$\frac{2}{45}$	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{315}^6\ \Phi_{105}^5\ \Phi_{63}^6\ \Phi_{45}^7\ \Phi_{35}^5\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_9^7\ \Phi_7^6\ \Phi_5^6\ \Phi_3^6\ \Phi_1^7$
146242	1849	720	$\frac{2}{45}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}^3\ \Phi_{36}^3\ \Phi_{24}\ \Phi_{20}^3\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
146243	1849	2205	$\frac{2}{45}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{441}\ \Phi_{245}\ \Phi_{49}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
146244	1849	2754	$\frac{13}{918}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{905}{2754}$	$\Phi_{2754}\ \Phi_{1377}\ \Phi_{162}\ \Phi_{81}\ \Phi_{18}\ \Phi_9\ \Phi_1$
146245	1849	2646	$\frac{1}{42}$	$\frac{85}{882}$	$\frac{797}{2646}$	$\frac{41}{126}$	$\Phi_{2646}\ \Phi_{1323}\ \Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
146246	1849	2673	$\frac{1}{33}$	$\frac{67}{891}$	$\frac{824}{2673}$	$\frac{32}{99}$	$\Phi_{2673}\ \Phi_{243}\ \Phi_{99}\ \Phi_9\ \Phi_1$
146247	1849	2079	$\frac{1}{33}$	$\frac{230}{2079}$	$\frac{67}{297}$	$\frac{32}{99}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{231}\ \Phi_{189}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_1$
146248	1849	2376	$\frac{1}{33}$	$\frac{67}{594}$	$\frac{527}{2376}$	$\frac{32}{99}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{216}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
146249	1849	2730	$\frac{29}{910}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{881}{2730}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{273}\ \Phi_{210}\ \Phi_{195}\ \Phi_{105}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
146250	1849	2160	$\frac{1}{24}$	$\frac{49}{360}$	$\frac{311}{2160}$	$\frac{23}{72}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
146251	1849	63	$\frac{1}{21}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{20}{63}$	$\Phi_{63}^{23}\ \Phi_{21}^{42}\ \Phi_9^{23}\ \Phi_7^{42}\ \Phi_3^{42}\ \Phi_1^{43}$
146252	1849	504	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{20}{63}$	$\Phi_{504}^7\ \Phi_{252}^7\ \Phi_{72}^7\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}^7\ \Phi_{28}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
146253	1849	1008	$\frac{1}{21}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{20}{63}$	$\Phi_{1008}^3\ \Phi_{504}^3\ \Phi_{252}^3\ \Phi_{144}^3\ \Phi_{72}^3\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}^3\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
146254	1849	441	$\frac{1}{21}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{20}{63}$	$\Phi_{441}^7\ \Phi_{63}\ \Phi_{49}\ \Phi_9\ \Phi_1$
146255	1849	2394	$\frac{13}{266}$	$\frac{1}{14}$	$\frac{545}{2394}$	$\frac{253}{798}$	$\Phi_{2394}\ \Phi_{1197}\ \Phi_{342}\ \Phi_{266}\ \Phi_{171}\ \Phi_{133}\ \Phi_{126}\ \Phi_{63}\ \Phi_{38}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_1$
146256	1849	2700	$\frac{49}{900}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{851}{2700}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
146257	1849	2688	$\frac{57}{896}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{839}{2688}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
146258	1849	2145	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{296}{2145}$	$\frac{133}{429}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{195}\ \Phi_{165}\ \Phi_{143}\ \Phi_{65}\ \Phi_{55}\ \Phi_{15}\ \Phi_{13}\ \Phi_5\ \Phi_1$
146259	1849	2646	$\frac{1}{14}$	$\frac{85}{882}$	$\frac{13}{98}$	$\frac{797}{2646}$	$\Phi_{2646}\ \Phi_{1323}\ \Phi_{378}\ \Phi_{189}\ \Phi_{98}\ \Phi_{54}\ \Phi_{49}\ \Phi_{27}\ \Phi_1$
146260	1849	2640	$\frac{1}{22}$	$\frac{89}{880}$	$\frac{21}{110}$	$\frac{791}{2640}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{48}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
146261	1849	2058	$\frac{1}{14}$	$\frac{209}{2058}$	$\frac{13}{98}$	$\frac{85}{294}$	$\Phi_{2058}\ \Phi_{1029}\ \Phi_{686}\ \Phi_{343}\ \Phi_{98}\ \Phi_{49}\ \Phi_1$
146262	1849	2592	$\frac{1}{24}$	$\frac{121}{864}$	$\frac{23}{144}$	$\frac{743}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
146263	1849	660	$\frac{1}{44}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{165}^4\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{60}^3\ \Phi_{44}^3\ \Phi_{33}^4\ \Phi_{30}^3\ \Phi_{22}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
146264	1849	2574	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{133}{858}$	$\frac{725}{2574}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{234}\ \Phi_{198}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_1$
146265	1849	2160	$\frac{1}{24}$	$\frac{311}{2160}$	$\frac{23}{144}$	$\frac{121}{432}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
146266	1849	2448	$\frac{13}{612}$	$\frac{1}{6}$	$\frac{599}{2448}$	$\frac{5}{18}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{144}\ \Phi_{136}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
146267	1849	1890	$\frac{41}{1890}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_1$
146268	1849	2142	$\frac{13}{306}$	$\frac{293}{2142}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{126}\ \Phi_{119}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
146269	1849	1944	$\frac{95}{1944}$	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
146270	1849	1980	$\frac{131}{1980}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{180}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
146271	1849	2520	$\frac{1}{42}$	$\frac{41}{210}$	$\frac{169}{840}$	$\frac{671}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{72}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
146272	1849	1920	$\frac{71}{1920}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
146273	1849	2432	$\frac{25}{608}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{583}{2432}$	$\Phi_{2432}\ \Phi_{1216}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
146274	1849	2288	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{439}{2288}$	$\frac{133}{572}$	$\Phi_{2288}\ \Phi_{1144}\ \Phi_{208}\ \Phi_{176}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_1$
146275	1849	56	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{13}{56}$	$\Phi_{56}^{30}\ \Phi_{28}^{30}\ \Phi_{14}^{42}\ \Phi_8^{30}\ \Phi_7^{42}\ \Phi_4^{30}\ \Phi_2^{42}\ \Phi_1^{43}$
146276	1849	336	$\frac{1}{14}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{13}{56}$	$\Phi_{336}^6\ \Phi_{168}^4\ \Phi_{112}^6\ \Phi_{84}^4\ \Phi_{56}^5\ \Phi_{48}^7\ \Phi_{42}^6\ \Phi_{28}^5\ \Phi_{24}^5\ \Phi_{21}^6\ \Phi_{16}^7\ \Phi_{14}^6\ \Phi_{12}^5\ \Phi_8^6\ \Phi_7^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
146277	1849	392	$\frac{1}{14}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{13}{56}$	$\Phi_{392}^7\ \Phi_{196}^7\ \Phi_{56}\ \Phi_{49}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
146278	1849	2400	$\frac{49}{600}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{551}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
146279	1849	2048	$\frac{199}{2048}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{256}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{512}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
146280	1849	2352	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{85}{588}$	$\frac{503}{2352}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{784}\ \Phi_{392}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
146281	1849	2304	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{455}{2304}$	$\frac{121}{576}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
146282	1849	1960	$\frac{111}{1960}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{140}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{40}\ \Phi_{35}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
146283	1849	2200	$\frac{1}{22}$	$\frac{351}{2200}$	$\frac{21}{110}$	$\frac{89}{440}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{200}\ \Phi_{110}\ \Phi_{100}\ \Phi_{55}\ \Phi_{50}\ \Phi_{25}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
146284	1849	2275	$\frac{29}{455}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{426}{2275}$	$\Phi_{2275}\ \Phi_{325}\ \Phi_{175}\ \Phi_{35}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}$
146285	1849	2100	$\frac{1}{12}$	$\frac{251}{2100}$	$\frac{49}{300}$	$\frac{11}{60}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
146286	1849	2160	$\frac{1}{12}$	$\frac{49}{360}$	$\frac{311}{2160}$	$\frac{11}{60}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{60}\ \Phi_{54}\ \Phi_{48}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
146287	1849	2240	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{448}$	$\frac{391}{2240}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{320}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{64}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
146288	1849	48	$\frac{5}{48}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{48}^{38}\ \Phi_{24}^{38}\ \Phi_{16}^{38}\ \Phi_{12}^{38}\ \Phi_{8}^{38}\ \Phi_{6}^{42}\ \Phi_{4}^{38}\ \Phi_{3}^{42}\ \Phi_{2}^{42}\ \Phi_{1}^{43}$
146289	1849	2352	$\frac{5}{48}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{784}\ \Phi_{588}\ \Phi_{392}\ \Phi_{196}\ \Phi_{49}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
146290	1849	49	$\frac{6}{49}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{7}$	$\Phi_{49}^{37}\ \Phi_{7}^{42}\ \Phi_{1}^{43}$
146291	1850	2952	$\frac{1}{369}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{184}{369}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{369}\ \Phi_{328}\ \Phi_{123}\ \Phi_{72}\ \Phi_{41}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
146292	1850	3312	$\frac{1}{184}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{183}{368}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}^2\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}^2\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
146293	1850	1104	$\frac{1}{184}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{183}{368}$	$\Phi_{1104}^3\ \Phi_{368}^4\ \Phi_{48}^3\ \Phi_{16}^4\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
146294	1850	4026	$\frac{2}{183}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{181}{366}$	$\Phi_{4026}\ \Phi_{1342}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
146295	1850	3504	$\frac{1}{73}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{36}{73}$	$\Phi_{3504}\ \Phi_{1168}\ \Phi_{73}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{1}^2$
146296	1850	1971	$\frac{1}{73}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{36}{73}$	$\Phi_{1971}\ \Phi_{657}\ \Phi_{73}\ \Phi_{27}^2\ \Phi_{9}^2\ \Phi_{1}^2$
146297	1850	2628	$\frac{1}{73}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{36}{73}$	$\Phi_{2628}\ \Phi_{1314}\ \Phi_{657}\ \Phi_{73}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{1}^2$
146298	1850	2044	$\frac{1}{73}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{36}{73}$	$\Phi_{2044}\ \Phi_{1022}\ \Phi_{511}\ \Phi_{73}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{1}^2$
146299	1850	2336	$\frac{1}{73}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{36}{73}$	$\Phi_{2336}\ \Phi_{1168}\ \Phi_{73}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{1}^2$
146300	1850	438	$\frac{1}{73}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{36}{73}$	$\Phi_{438}^4\ \Phi_{219}^4\ \Phi_{146}^4\ \Phi_{73}^5\ \Phi_{6}^8\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^{10}$
146301	1850	2728	$\frac{1}{62}$	$\frac{1}{11}$	$\frac{63}{248}$	$\frac{61}{124}$	$\Phi_{2728}\ \Phi_{682}\ \Phi_{341}\ \Phi_{88}\ \Phi_{22}$
146302	1850	1092	$\frac{3}{182}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{179}{364}$	$\Phi_{1092}^4\ \Phi_{364}^2\ \Phi_{156}^4\ \Phi_{84}^4\ \Phi_{52}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^4\ \Phi_{4}^2$
146303	1850	636	$\frac{1}{53}$	$\frac{27}{212}$	$\frac{1}{6}$	$\frac{26}{53}$	$\Phi_{636}^4\ \Phi_{318}^3\ \Phi_{212}^2\ \Phi_{159}^3\ \Phi_{106}\ \Phi_{53}^2\ \Phi_{12}^4\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
146304	1850	3528	$\frac{1}{49}$	$\frac{1}{36}$	$\frac{35}{72}$	$\frac{24}{49}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{392}\ \Phi_{168}\ \Phi_{72}^2\ \Phi_{56}\ \Phi_{49}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{1}^2$
146305	1850	1911	$\frac{1}{49}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{1911}\ \Phi_{637}\ \Phi_{273}\ \Phi_{91}\ \Phi_{49}\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_{7}\ \Phi_{1}^2$
146306	1850	2646	$\frac{1}{49}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{24}{49}$	$\Phi_{2646}\ \Phi_{1323}\ \Phi_{378}\ \Phi_{189}\ \Phi_{54}^2\ \Phi_{49}\ \Phi_{27}^2\ \Phi_{7}\ \Phi_{1}^2$
146307	1850	1960	$\frac{1}{49}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{24}{49}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{49}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{1}^2$
146308	1850	2352	$\frac{1}{49}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{24}{49}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{784}\ \Phi_{392}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{56}\ \Phi_{49}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{1}^2$
146309	1850	2205	$\frac{1}{49}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{24}{49}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{315}\ \Phi_{245}\ \Phi_{105}\ \Phi_{49}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{15}^2\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{1}^2$
146310	1850	294	$\frac{1}{49}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{24}{49}$	$\Phi_{294}^6\ \Phi_{147}^6\ \Phi_{98}^6\ \Phi_{49}^7\ \Phi_{42}^7\ \Phi_{21}^7\ \Phi_{14}^7\ \Phi_{7}^8\ \Phi_{6}^6\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^8$
146311	1850	1849	$\frac{41}{1849}$	$\frac{189}{1849}$	$\frac{332}{1849}$	$\frac{904}{1849}$	$\Phi_{1849}\ \Phi_{43}\ \Phi_{1}^2$
146312	1850	1806	$\frac{1}{43}$	$\frac{22}{903}$	$\frac{881}{1806}$	$\frac{21}{43}$	$\Phi_{1806}^2\ \Phi_{602}^2\ \Phi_{258}^2\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{42}^2\ \Phi_{14}^2\ \Phi_{6}^2\ \Phi_{2}^2\ \Phi_{1}^2$
146313	1850	1204	$\frac{1}{43}$	$\frac{22}{301}$	$\frac{279}{1204}$	$\frac{21}{43}$	$\Phi_{1204}^2\ \Phi_{602}^2\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
146314	1850	1032	$\frac{1}{43}$	$\frac{107}{1032}$	$\frac{22}{129}$	$\frac{21}{43}$	$\Phi_{1032}^2\ \Phi_{516}^2\ \Phi_{344}^2\ \Phi_{258}^2\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
146315	1850	2226	$\frac{9}{371}$	$\frac{38}{371}$	$\frac{1}{6}$	$\frac{181}{371}$	$\Phi_{2226}\ \Phi_{1113}\ \Phi_{742}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
146316	1850	936	$\frac{1}{36}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{936}^4\ \Phi_{312}^4\ \Phi_{104}^4\ \Phi_{78}\ \Phi_{72}^2\ \Phi_{39}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6$
146317	1850	3528	$\frac{1}{36}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{35}{72}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{392}\ \Phi_{168}\ \Phi_{72}^2\ \Phi_{56}\ \Phi_{49}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
146318	1850	792	$\frac{1}{36}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{35}{72}$	$\Phi_{792}^5\ \Phi_{264}^5\ \Phi_{88}^5\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
146319	1850	504	$\frac{1}{36}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{35}{72}$	$\Phi_{504}^7\ \Phi_{168}^7\ \Phi_{72}^8\ \Phi_{56}^7\ \Phi_{28}^2\ \Phi_{24}^8\ \Phi_{14}^2\ \Phi_8^8\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
146320	1850	650	$\frac{1}{26}$	$\frac{1}{25}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{650}^3\ \Phi_{325}^3\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{50}\ \Phi_{26}^2\ \Phi_{25}^2\ \Phi_{13}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_1^2$
146321	1850	912	$\frac{1}{38}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{912}^4\ \Phi_{304}^4\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_6$
146322	1850	910	$\frac{1}{26}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{182}^2\ \Phi_{130}^3\ \Phi_{91}^2\ \Phi_{65}^3\ \Phi_{35}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{10}\ \Phi_7^2\ \Phi_5^2\ \Phi_1^2$
146323	1850	646	$\frac{1}{38}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{646}^3\ \Phi_{323}^3\ \Phi_{38}^2\ \Phi_{34}\ \Phi_{19}^2\ \Phi_{17}^2\ \Phi_1^2$
146324	1850	1170	$\frac{1}{26}$	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{390}\ \Phi_{234}^2\ \Phi_{195}\ \Phi_{130}\ \Phi_{117}^2\ \Phi_{90}^2\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{10}\ \Phi_6$
146325	1850	344	$\frac{1}{43}$	$\frac{13}{172}$	$\frac{21}{86}$	$\frac{159}{344}$	$\Phi_{344}^{10}\ \Phi_{86}^2\ \Phi_{43}\ \Phi_8^{10}\ \Phi_2^2\ \Phi_1^2$
146326	1850	344	$\frac{3}{43}$	$\frac{13}{172}$	$\frac{4}{43}$	$\frac{159}{344}$	$\Phi_{344}^{10}\ \Phi_{43}^3\ \Phi_8^{10}\ \Phi_1^4$
146327	1850	828	$\frac{1}{92}$	$\frac{1}{9}$	$\frac{91}{276}$	$\frac{4}{9}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}^3\ \Phi_{207}^2\ \Phi_{138}^3\ \Phi_{92}^2\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{36}^2\ \Phi_{23}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
146328	1850	1692	$\frac{3}{188}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1692}\ \Phi_{846}\ \Phi_{564}\ \Phi_{423}\ \Phi_{282}\ \Phi_{188}^2\ \Phi_{141}\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
146329	1850	414	$\frac{1}{46}$	$\frac{1}{9}$	$\frac{9}{46}$	$\frac{4}{9}$	$\Phi_{414}^4\ \Phi_{207}^4\ \Phi_{138}^4\ \Phi_{69}^4\ \Phi_{46}^8\ \Phi_{23}^8\ \Phi_{18}^4\ \Phi_9^5\ \Phi_6^4\ \Phi_3^5\ \Phi_2^8\ \Phi_1^{10}$
146330	1850	342	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{342}^5\ \Phi_{171}^5\ \Phi_{114}^7\ \Phi_{57}^7\ \Phi_{38}^6\ \Phi_{19}^6\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
146331	1850	576	$\frac{7}{192}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^4\ \Phi_{144}^3\ \Phi_{96}^4\ \Phi_{72}^2\ \Phi_{64}^4\ \Phi_{48}^4\ \Phi_{36}^2\ \Phi_{32}^4\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{16}^4\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
146332	1850	207	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{207}^9\ \Phi_{69}^9\ \Phi_{23}^8\ \Phi_9^{10}\ \Phi_3^{10}\ \Phi_1^{10}$
146333	1850	378	$\frac{4}{189}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{378}^6\ \Phi_{189}^4\ \Phi_{126}^6\ \Phi_{63}^4\ \Phi_{54}^6\ \Phi_{42}^5\ \Phi_{27}^4\ \Phi_{21}^3\ \Phi_{18}^6\ \Phi_{14}^5\ \Phi_9^4\ \Phi_7^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
146334	1850	1849	$\frac{29}{1849}$	$\frac{297}{1849}$	$\frac{364}{1849}$	$\frac{776}{1849}$	$\Phi_{1849}\ \Phi_{43}\ \Phi_1^2$
146335	1850	43	$\frac{1}{43}$	$\frac{6}{43}$	$\frac{7}{43}$	$\frac{18}{43}$	$\Phi_{43}^{43}\ \Phi_1^{44}$
146336	1850	318	$\frac{1}{53}$	$\frac{26}{159}$	$\frac{1}{6}$	$\frac{133}{318}$	$\Phi_{318}^5\ \Phi_{159}^7\ \Phi_{106}^5\ \Phi_{53}^6\ \Phi_6^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
146337	1850	2112	$\frac{7}{192}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
146338	1850	646	$\frac{1}{38}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{646}^3\ \Phi_{323}^3\ \Phi_{38}^2\ \Phi_{34}^3\ \Phi_{19}^2\ \Phi_2^2$
146339	1850	682	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{6}{31}$	$\frac{25}{62}$	$\Phi_{682}^5\ \Phi_{341}\ \Phi_{22}^5$
146340	1850	1849	$\frac{44}{1849}$	$\frac{221}{1849}$	$\frac{361}{1849}$	$\frac{744}{1849}$	$\Phi_{1849}\ \Phi_{43}\ \Phi_1^2$
146341	1850	2226	$\frac{6}{371}$	$\frac{1}{6}$	$\frac{73}{371}$	$\frac{149}{371}$	$\Phi_{2226}\ \Phi_{1113}\ \Phi_{742}\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
146342	1850	520	$\frac{1}{26}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{520}^4\ \Phi_{260}^4\ \Phi_{130}^3\ \Phi_{104}^4\ \Phi_{65}^3\ \Phi_{52}^4\ \Phi_{40}^2\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{13}^2\ \Phi_{10}\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
146343	1850	780	$\frac{1}{26}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{780}^4\ \Phi_{390}\ \Phi_{260}^4\ \Phi_{195}\ \Phi_{156}^4\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{52}^4\ \Phi_{39}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_4^2$
146344	1850	1032	$\frac{1}{43}$	$\frac{107}{1032}$	$\frac{21}{86}$	$\frac{65}{172}$	$\Phi_{1032}^2\ \Phi_{516}^2\ \Phi_{344}^2\ \Phi_{258}^2\ \Phi_{129}^2\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
146345	1850	744	$\frac{1}{186}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{744}^4\ \Phi_{248}^4\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{24}^3\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
146346	1850	984	$\frac{1}{123}$	$\frac{61}{246}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{984}^3\ \Phi_{328}^3\ \Phi_{246}^2\ \Phi_{123}\ \Phi_{82}^2\ \Phi_{41}\ \Phi_{24}^3\ \Phi_8^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
146347	1850	2952	$\frac{4}{369}$	$\frac{73}{369}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{369}\ \Phi_{328}\ \Phi_{123}\ \Phi_{72}\ \Phi_{41}\ \Phi_{24}\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
146348	1850	600	$\frac{1}{75}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{600}^5\ \Phi_{200}^5\ \Phi_{150}^3\ \Phi_{120}^5\ \Phi_{75}^2\ \Phi_{50}^3\ \Phi_{40}^5\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{24}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_8^4\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
146349	1850	1512	$\frac{4}{189}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1512}^2\ \Phi_{504}^2\ \Phi_{216}^2\ \Phi_{189}^2\ \Phi_{168}^2\ \Phi_{72}\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_9\ \Phi_8^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
146350	1850	328	$\frac{1}{41}$	$\frac{4}{41}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{328}^9\ \Phi_{41}^9\ \Phi_8^{10}\ \Phi_1^{10}$
146351	1850	1672	$\frac{1}{38}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1672}^2\ \Phi_{418}\ \Phi_{209}\ \Phi_{88}\ \Phi_{22}$
146352	1850	1419	$\frac{1}{43}$	$\frac{42}{473}$	$\frac{431}{1419}$	$\frac{494}{1419}$	$\Phi_{1419}\ \Phi_{473}^2\ \Phi_{129}\ \Phi_{43}\ \Phi_{33}\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
146353	1850	1026	$\frac{1}{38}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1026}^2\ \Phi_{513}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{114}\ \Phi_{57}\ \Phi_{54}^2\ \Phi_{18}^2\ \Phi_6$
146354	1850	78	$\frac{1}{26}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{78}^{25}\ \Phi_{39}^{23}\ \Phi_{26}^{24}\ \Phi_{13}^{22}\ \Phi_6^{25}\ \Phi_3^{24}\ \Phi_2^{24}\ \Phi_1^{24}$
146355	1850	276	$\frac{1}{92}$	$\frac{1}{6}$	$\frac{91}{276}$	$\frac{1}{3}$	$\Phi_{276}^7\ \Phi_{138}^7\ \Phi_{92}^6\ \Phi_{69}^7\ \Phi_{46}^6\ \Phi_{23}^6\ \Phi_{12}^7\ \Phi_6^9\ \Phi_4^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
146356	1850	702	$\frac{1}{26}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{702}^4\ \Phi_{351}^4\ \Phi_{78}\ \Phi_{54}^2\ \Phi_{39}\ \Phi_{27}^2\ \Phi_6$
146357	1850	684	$\frac{1}{38}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{684}^4\ \Phi_{342}^4\ \Phi_{171}^4\ \Phi_{114}\ \Phi_{57}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6$
146358	1850	564	$\frac{3}{188}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{564}^3\ \Phi_{282}^3\ \Phi_{188}^4\ \Phi_{141}^3\ \Phi_{94}^4\ \Phi_{47}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
146359	1850	1596	$\frac{1}{38}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1596}^2\ \Phi_{798}^2\ \Phi_{399}^2\ \Phi_{114}\ \Phi_{84}\ \Phi_{57}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
146360	1850	1560	$\frac{1}{26}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1560}^2\ \Phi_{780}^2\ \Phi_{390}^2\ \Phi_{312}^2\ \Phi_{195}^2\ \Phi_{120}\ \Phi_{78}\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
146361	1850	624	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{624}^4\ \Phi_{312}^4\ \Phi_{208}^4\ \Phi_{104}^4\ \Phi_{78}\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_6$
146362	1850	2106	$\frac{1}{26}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{702}\ \Phi_{351}\ \Phi_{162}\ \Phi_{78}\ \Phi_{54}\ \Phi_{39}\ \Phi_6$
146363	1850	1824	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{1824}^2\ \Phi_{912}^2\ \Phi_{114}\ \Phi_{96}\ \Phi_{57}\ \Phi_{48}\ \Phi_6$
146364	1850	138	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{9}{46}$	$\frac{1}{3}$	$\Phi_{138}^{12}\ \Phi_{69}^{12}\ \Phi_{46}^{16}\ \Phi_{23}^{16}\ \Phi_6^{14}\ \Phi_3^{13}\ \Phi_2^{18}\ \Phi_1^{18}$
146365	1850	2778	$\frac{21}{926}$	$\frac{149}{926}$	$\frac{181}{926}$	$\frac{1}{3}$	$\Phi_{2778}\ \Phi_{1389}\ \Phi_6$
146366	1850	1911	$\frac{2}{39}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{1}{3}$	$\Phi_{1911}\ \Phi_{637}\ \Phi_{273}\ \Phi_{91}\ \Phi_{49}\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_1^2$
146367	1850	1170	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{90}^2\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6$
146368	1850	114	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{114}^{17}\ \Phi_{57}^{17}\ \Phi_{38}^{16}\ \Phi_{19}^{16}\ \Phi_6^9\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
146369	1850	192	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{192}^{10}\ \Phi_{96}^{10}\ \Phi_{64}^{10}\ \Phi_{48}^{10}\ \Phi_{32}^{10}\ \Phi_{24}^7\ \Phi_{16}^{10}\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^9\ \Phi_4^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
146370	1850	546	$\frac{1}{26}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{546}^4\ \Phi_{273}^4\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{78}\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6$
146371	1850	414	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{414}^6\ \Phi_{207}^4\ \Phi_{138}^4\ \Phi_{69}^3\ \Phi_{46}^4\ \Phi_{23}^2\ \Phi_{18}^6\ \Phi_9^4\ \Phi_6^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
146372	1850	858	$\frac{2}{39}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{858}^3\ \Phi_{429}^2\ \Phi_{286}^3\ \Phi_{143}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
146373	1850	1092	$\frac{2}{39}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{156}^2\ \Phi_{91}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
146374	1850	954	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{107}{477}$	$\frac{52}{159}$	$\Phi_{954}^3\ \Phi_{477}^2\ \Phi_{318}\ \Phi_{159}\ \Phi_{106}\ \Phi_{18}^3\ \Phi_9^2$
146375	1850	546	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{88}{273}$	$\Phi_{546}^4\ \Phi_{273}^2\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{78}^4\ \Phi_{42}^5\ \Phi_{39}^2\ \Phi_{26}^4\ \Phi_{21}^3\ \Phi_{14}^5\ \Phi_{13}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
146376	1850	2646	$\frac{1}{18}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{17}{54}$	$\Phi_{2646}\ \Phi_{1323}\ \Phi_{378}\ \Phi_{189}\ \Phi_{54}^2\ \Phi_{49}\ \Phi_{27}^2\ \Phi_7\ \Phi_1^2$
146377	1850	594	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{17}{54}$	$\Phi_{594}^5\ \Phi_{297}^5\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
146378	1850	756	$\frac{1}{18}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{17}{54}$	$\Phi_{756}^4\ \Phi_{378}^3\ \Phi_{189}^3\ \Phi_{108}^4\ \Phi_{54}^4\ \Phi_{28}^2\ \Phi_{27}^4\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
146379	1850	43	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{6}{43}$	$\frac{13}{43}$	$\Phi_{43}^{43}\ \Phi_1^{44}$
146380	1850	318	$\frac{3}{53}$	$\frac{5}{53}$	$\frac{1}{6}$	$\frac{16}{53}$	$\Phi_{318}^7\ \Phi_{159}^7\ \Phi_{106}^7\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6$
146381	1850	2730	$\frac{1}{26}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{273}\ \Phi_{210}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{42}\ \Phi_{39}\ \Phi_{30}\ \Phi_{10}\ \Phi_6$
146382	1850	462	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{462}^5\ \Phi_{231}^5\ \Phi_{154}^5\ \Phi_{66}^5\ \Phi_{42}^3\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
146383	1850	258	$\frac{1}{43}$	$\frac{13}{86}$	$\frac{21}{86}$	$\frac{73}{258}$	$\Phi_{258}^{10}\ \Phi_{129}^{10}\ \Phi_{86}^2\ \Phi_{43}\ \Phi_6^{10}\ \Phi_3^{10}\ \Phi_2^2\ \Phi_1^2$
146384	1850	258	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{13}{86}$	$\frac{73}{258}$	$\Phi_{258}^{10}\ \Phi_{129}^{10}\ \Phi_{43}^3\ \Phi_6^{10}\ \Phi_3^{10}\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
146385	1850	198	$\frac{13}{198}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{198}^{9}\ \Phi_{99}^{9}\ \Phi_{66}^{10}\ \Phi_{33}^{10}\ \Phi_{22}^{10}\ \Phi_{18}^{10}\ \Phi_{11}^{9}\ \Phi_{9}^{10}\ \Phi_{6}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
146386	1850	1960	$\frac{3}{40}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{1}{4}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{49}\ \Phi_{40}^{2}\ \Phi_{35}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
146387	1850	1320	$\frac{3}{40}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{440}\ \Phi_{330}^{2}\ \Phi_{264}^{2}\ \Phi_{220}\ \Phi_{165}^{2}\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}$
146388	1850	280	$\frac{3}{40}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{280}^{7}\ \Phi_{140}^{7}\ \Phi_{70}^{7}\ \Phi_{56}^{7}\ \Phi_{40}^{8}\ \Phi_{35}^{7}\ \Phi_{28}^{2}\ \Phi_{20}^{8}\ \Phi_{14}^{2}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{7}\ \Phi_{5}^{8}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
146389	1850	2352	$\frac{4}{49}$	$\frac{1}{12}$	$\frac{9}{49}$	$\frac{11}{48}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{784}\ \Phi_{392}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{56}\ \Phi_{49}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
146390	1850	528	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{11}{48}$	$\Phi_{528}^{5}\ \Phi_{264}^{5}\ \Phi_{176}^{5}\ \Phi_{88}^{5}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
146391	1850	336	$\frac{1}{12}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{11}{48}$	$\Phi_{336}^{7}\ \Phi_{168}^{7}\ \Phi_{112}^{7}\ \Phi_{56}^{7}\ \Phi_{48}^{8}\ \Phi_{28}^{8}\ \Phi_{24}^{8}\ \Phi_{16}^{8}\ \Phi_{14}^{2}\ \Phi_{8}^{8}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
146392	1850	588	$\frac{11}{196}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{588}^{4}\ \Phi_{294}^{4}\ \Phi_{196}^{2}\ \Phi_{147}^{4}\ \Phi_{98}^{2}\ \Phi_{84}^{4}\ \Phi_{49}^{2}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^{4}\ \Phi_{4}^{2}$
146393	1850	135	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{5}$	$\Phi_{135}^{14}\ \Phi_{45}^{11}\ \Phi_{27}^{18}\ \Phi_{15}^{11}\ \Phi_{9}^{14}\ \Phi_{5}^{10}\ \Phi_{3}^{14}\ \Phi_{1}^{14}$
146394	1850	546	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{17}{91}$	$\Phi_{546}^{4}\ \Phi_{273}^{4}\ \Phi_{182}^{4}\ \Phi_{78}^{4}\ \Phi_{42}^{5}\ \Phi_{39}^{4}\ \Phi_{26}^{4}\ \Phi_{21}^{5}\ \Phi_{14}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
146395	1850	2205	$\frac{4}{49}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{9}{49}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{315}\ \Phi_{245}\ \Phi_{105}\ \Phi_{49}\ \Phi_{45}^{2}\ \Phi_{35}\ \Phi_{15}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
146396	1850	294	$\frac{4}{49}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{9}{49}$	$\Phi_{294}^{6}\ \Phi_{147}^{6}\ \Phi_{98}^{6}\ \Phi_{49}^{7}\ \Phi_{42}^{7}\ \Phi_{21}^{7}\ \Phi_{14}^{7}\ \Phi_{7}^{8}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
146397	1850	990	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{45}$	$\Phi_{990}^{3}\ \Phi_{495}^{2}\ \Phi_{330}^{3}\ \Phi_{165}^{2}\ \Phi_{110}^{3}\ \Phi_{66}\ \Phi_{55}^{2}\ \Phi_{33}\ \Phi_{22}$
146398	1850	1260	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{45}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{420}^{2}\ \Phi_{315}\ \Phi_{210}^{2}\ \Phi_{180}^{2}\ \Phi_{140}^{2}\ \Phi_{105}\ \Phi_{90}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
146399	1850	462	$\frac{1}{11}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{462}^{5}\ \Phi_{231}^{5}\ \Phi_{154}^{5}\ \Phi_{77}^{5}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
146400	1850	2376	$\frac{1}{11}$	$\frac{5}{36}$	$\frac{31}{216}$	$\frac{1}{6}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{594}\ \Phi_{297}\ \Phi_{264}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
146401	1850	84	$\frac{3}{28}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{84}^{24}\ \Phi_{42}^{19}\ \Phi_{28}^{26}\ \Phi_{21}^{19}\ \Phi_{14}^{21}\ \Phi_{12}^{24}\ \Phi_{7}^{20}\ \Phi_{6}^{18}\ \Phi_{4}^{26}\ \Phi_{3}^{18}\ \Phi_{2}^{20}\ \Phi_{1}^{20}$
146402	1851	2960	$\frac{1}{370}$	$\frac{371}{1480}$	$\frac{1109}{2960}$	$\frac{369}{740}$	$\Phi_{2960}\ \Phi_{740}\ \Phi_{592}\ \Phi_{148}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
146403	1851	2460	$\frac{2}{615}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{613}{1230}$	$\Phi_{2460}\ \Phi_{820}\ \Phi_{615}\ \Phi_{492}\ \Phi_{205}\ \Phi_{164}\ \Phi_{123}\ \Phi_{60}\ \Phi_{41}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
146404	1851	824	$\frac{1}{206}$	$\frac{1}{4}$	$\frac{207}{824}$	$\frac{205}{412}$	$\Phi_{824}^{3}\ \Phi_{412}^{2}\ \Phi_{206}\ \Phi_{103}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
146405	1851	3680	$\frac{11}{1840}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1829}{3680}$	$\Phi_{3680}\ \Phi_{736}\ \Phi_{160}\ \Phi_{32}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
146406	1851	1224	$\frac{5}{612}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{607}{1224}$	$\Phi_{1224}^{3}\ \Phi_{408}^{3}\ \Phi_{136}^{3}\ \Phi_{72}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
146407	1851	1220	$\frac{7}{610}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{603}{1220}$	$\Phi_{1220}^{3}\ \Phi_{244}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
146408	1851	1184	$\frac{1}{74}$	$\frac{25}{592}$	$\frac{567}{1184}$	$\frac{73}{148}$	$\Phi_{1184}^{3}\ \Phi_{148}\ \Phi_{32}^{3}\ \Phi_{4}\ \Phi_{1}$
146409	1851	888	$\frac{1}{74}$	$\frac{25}{296}$	$\frac{271}{888}$	$\frac{73}{148}$	$\Phi_{888}^{3}\ \Phi_{444}^{3}\ \Phi_{222}^{3}\ \Phi_{148}\ \Phi_{111}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
146410	1851	2072	$\frac{1}{74}$	$\frac{221}{2072}$	$\frac{75}{296}$	$\frac{73}{148}$	$\Phi_{2072}\ \Phi_{1036}\ \Phi_{518}\ \Phi_{259}\ \Phi_{148}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
146411	1851	2368	$\frac{1}{74}$	$\frac{75}{592}$	$\frac{517}{2368}$	$\frac{73}{148}$	$\Phi_{2368}\ \Phi_{1184}\ \Phi_{148}\ \Phi_{64}\ \Phi_{32}\ \Phi_{4}\ \Phi_{1}$
146412	1851	740	$\frac{1}{74}$	$\frac{123}{740}$	$\frac{25}{148}$	$\frac{73}{148}$	$\Phi_{740}^{3}\ \Phi_{370}^{3}\ \Phi_{185}^{3}\ \Phi_{148}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
146413	1851	2480	$\frac{9}{620}$	$\frac{1}{10}$	$\frac{629}{2480}$	$\frac{611}{1240}$	$\Phi_{2480}\ \Phi_{620}\ \Phi_{496}\ \Phi_{310}\ \Phi_{155}\ \Phi_{124}\ \Phi_{80}\ \Phi_{62}\ \Phi_{31}\ \Phi_{20}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
146414	1851	2120	$\frac{4}{265}$	$\frac{269}{2120}$	$\frac{1}{5}$	$\frac{261}{530}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{424}\ \Phi_{265}\ \Phi_{212}\ \Phi_{53}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
146415	1851	3640	$\frac{31}{1820}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1789}{3640}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{280}\ \Phi_{104}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
146416	1851	1200	$\frac{1}{50}$	$\frac{17}{600}$	$\frac{583}{1200}$	$\frac{49}{100}$	$\Phi_{1200}^{3}\ \Phi_{400}^{3}\ \Phi_{240}^{3}\ \Phi_{100}\ \Phi_{80}^{3}\ \Phi_{48}^{3}\ \Phi_{20}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
146417	1851	900	$\frac{1}{50}$	$\frac{17}{300}$	$\frac{283}{900}$	$\frac{49}{100}$	$\Phi_{900}^{3}\ \Phi_{450}^{3}\ \Phi_{225}^{3}\ \Phi_{180}^{3}\ \Phi_{100}\ \Phi_{90}^{3}\ \Phi_{45}^{3}\ \Phi_{36}^{3}\ \Phi_{20}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{4}\ \Phi_{1}$
146418	1851	2000	$\frac{1}{50}$	$\frac{149}{2000}$	$\frac{51}{200}$	$\frac{49}{100}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{125}\ \Phi_{100}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
146419	1851	800	$\frac{1}{50}$	$\frac{17}{200}$	$\frac{183}{800}$	$\frac{49}{100}$	$\Phi_{800}^{3}\ \Phi_{400}^{3}\ \Phi_{160}^{3}\ \Phi_{100}\ \Phi_{80}^{3}\ \Phi_{32}^{3}\ \Phi_{20}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
146420	1851	700	$\frac{1}{50}$	$\frac{83}{700}$	$\frac{17}{100}$	$\frac{49}{100}$	$\Phi_{700}^3\ \Phi_{350}^3\ \Phi_{175}^3\ \Phi_{140}^3\ \Phi_{100}\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4\ \Phi_1$
146421	1851	1200	$\frac{17}{600}$	$\frac{1}{25}$	$\frac{8}{25}$	$\frac{583}{1200}$	$\Phi_{1200}^3\ \Phi_{400}^3\ \Phi_{240}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{25}^2\ \Phi_{16}^3\ \Phi_5^2\ \Phi_1^3$
146422	1851	1200	$\frac{17}{600}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{583}{1200}$	$\Phi_{1200}^3\ \Phi_{400}^3\ \Phi_{240}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
146423	1851	2500	$\frac{24}{625}$	$\frac{1}{25}$	$\frac{649}{2500}$	$\frac{601}{1250}$	$\Phi_{2500}\ \Phi_{625}\ \Phi_{500}\ \Phi_{125}\ \Phi_{100}\ \Phi_{20}\ \Phi_4\ \Phi_1$
146424	1851	1184	$\frac{1}{37}$	$\frac{25}{592}$	$\frac{12}{37}$	$\frac{567}{1184}$	$\Phi_{1184}^3\ \Phi_{37}^2\ \Phi_{32}^3\ \Phi_1^3$
146425	1851	2516	$\frac{1}{37}$	$\frac{36}{629}$	$\frac{665}{2516}$	$\frac{593}{1258}$	$\Phi_{2516}\ \Phi_{629}\ \Phi_{148}\ \Phi_{68}\ \Phi_{17}\ \Phi_4\ \Phi_1$
146426	1851	3500	$\frac{1}{25}$	$\frac{101}{1750}$	$\frac{24}{125}$	$\frac{1649}{3500}$	$\Phi_{3500}\ \Phi_{700}\ \Phi_{500}\ \Phi_{140}\ \Phi_{125}\ \Phi_{100}\ \Phi_{28}\ \Phi_{20}\ \Phi_4\ \Phi_1$
146427	1851	750	$\frac{1}{25}$	$\frac{8}{125}$	$\frac{133}{750}$	$\frac{117}{250}$	$\Phi_{750}^3\ \Phi_{375}^3\ \Phi_{150}^3\ \Phi_{125}^3\ \Phi_{75}^3\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{15}^3\ \Phi_6^3\ \Phi_5^2\ \Phi_3^3\ \Phi_1^3$
146428	1851	920	$\frac{11}{920}$	$\frac{1}{10}$	$\frac{303}{920}$	$\frac{9}{20}$	$\Phi_{920}^2\ \Phi_{460}^2\ \Phi_{230}^2\ \Phi_{184}^2\ \Phi_{115}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{40}^2\ \Phi_{23}^2\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
146429	1851	1880	$\frac{29}{1880}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{470}\ \Phi_{376}\ \Phi_{235}\ \Phi_{188}\ \Phi_{94}\ \Phi_{47}\ \Phi_{20}\ \Phi_4\ \Phi_1$
146430	1851	2300	$\frac{11}{460}$	$\frac{1}{10}$	$\frac{449}{2300}$	$\frac{9}{20}$	$\Phi_{2300}\ \Phi_{1150}\ \Phi_{575}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
146431	1851	640	$\frac{23}{640}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{128}^3\ \Phi_{80}^2\ \Phi_{64}^3\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
146432	1851	630	$\frac{13}{630}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{126}^3\ \Phi_{105}^3\ \Phi_{90}^3\ \Phi_{70}^2\ \Phi_{63}^3\ \Phi_{45}^3\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^3\ \Phi_7^3\ \Phi_6^3\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
146433	1851	640	$\frac{23}{640}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{128}^3\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
146434	1851	1060	$\frac{4}{265}$	$\frac{87}{530}$	$\frac{1}{5}$	$\frac{443}{1060}$	$\Phi_{1060}^3\ \Phi_{265}\ \Phi_{212}^3\ \Phi_{53}\ \Phi_{20}^3\ \Phi_4^3\ \Phi_1$
146435	1851	624	$\frac{7}{624}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{48}^3\ \Phi_{39}^3\ \Phi_{26}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{13}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
146436	1851	2000	$\frac{1}{25}$	$\frac{149}{2000}$	$\frac{24}{125}$	$\frac{101}{250}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{200}\ \Phi_{125}\ \Phi_{100}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
146437	1851	3100	$\frac{9}{310}$	$\frac{1}{10}$	$\frac{301}{1550}$	$\frac{1249}{3100}$	$\Phi_{3100}\ \Phi_{620}\ \Phi_{310}\ \Phi_{155}\ \Phi_{124}\ \Phi_{100}\ \Phi_{62}\ \Phi_{31}\ \Phi_{20}\ \Phi_4\ \Phi_1$
146438	1851	2060	$\frac{1}{103}$	$\frac{102}{515}$	$\frac{1}{4}$	$\frac{413}{1030}$	$\Phi_{2060}\ \Phi_{515}\ \Phi_{412}^2\ \Phi_{206}\ \Phi_{103}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
146439	1851	1000	$\frac{1}{25}$	$\frac{8}{125}$	$\frac{117}{500}$	$\frac{383}{1000}$	$\Phi_{1000}^3\ \Phi_{200}^3\ \Phi_{125}^3\ \Phi_{40}^3\ \Phi_{25}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_1^3$
146440	1851	650	$\frac{1}{25}$	$\frac{33}{650}$	$\frac{8}{25}$	$\frac{17}{50}$	$\Phi_{650}^3\ \Phi_{325}^3\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{26}^3\ \Phi_{25}^2\ \Phi_{13}^3\ \Phi_5^2\ \Phi_1^3$
146441	1851	666	$\frac{1}{37}$	$\frac{49}{666}$	$\frac{12}{37}$	$\frac{25}{74}$	$\Phi_{666}^3\ \Phi_{333}^3\ \Phi_{222}^3\ \Phi_{111}^3\ \Phi_{37}^2\ \Phi_{18}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
146442	1851	1476	$\frac{2}{123}$	$\frac{121}{738}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1476}^2\ \Phi_{738}\ \Phi_{492}\ \Phi_{369}\ \Phi_{164}\ \Phi_{123}\ \Phi_{41}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
146443	1851	1260	$\frac{13}{630}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
146444	1851	795	$\frac{4}{265}$	$\frac{1}{5}$	$\frac{178}{795}$	$\frac{87}{265}$	$\Phi_{795}^3\ \Phi_{265}\ \Phi_{159}^3\ \Phi_{53}\ \Phi_{15}^3\ \Phi_3^3\ \Phi_1$
146445	1851	1836	$\frac{5}{306}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{301}{918}$	$\Phi_{1836}^2\ \Phi_{918}\ \Phi_{459}\ \Phi_{108}^2\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
146446	1851	888	$\frac{1}{37}$	$\frac{25}{296}$	$\frac{271}{888}$	$\frac{12}{37}$	$\Phi_{888}^3\ \Phi_{444}^3\ \Phi_{222}^3\ \Phi_{111}^3\ \Phi_{37}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
146447	1851	740	$\frac{1}{37}$	$\frac{123}{740}$	$\frac{25}{148}$	$\frac{12}{37}$	$\Phi_{740}^3\ \Phi_{370}^3\ \Phi_{185}^3\ \Phi_{37}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1^3$
146448	1851	910	$\frac{31}{910}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{293}{910}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{182}^2\ \Phi_{130}^2\ \Phi_{91}^2\ \Phi_{70}^2\ \Phi_{65}^2\ \Phi_{35}^3\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
146449	1851	900	$\frac{1}{25}$	$\frac{17}{300}$	$\frac{283}{900}$	$\frac{8}{25}$	$\Phi_{900}^3\ \Phi_{450}^3\ \Phi_{225}^3\ \Phi_{180}^3\ \Phi_{90}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{25}^2\ \Phi_{18}^3\ \Phi_9^3\ \Phi_5^2\ \Phi_1^3$
146450	1851	800	$\frac{1}{25}$	$\frac{17}{200}$	$\frac{183}{800}$	$\frac{8}{25}$	$\Phi_{800}^3\ \Phi_{400}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{32}^3\ \Phi_{25}^2\ \Phi_{16}^3\ \Phi_5^2\ \Phi_1^3$
146451	1851	675	$\frac{1}{25}$	$\frac{58}{675}$	$\frac{17}{75}$	$\frac{8}{25}$	$\Phi_{675}^3\ \Phi_{225}^3\ \Phi_{135}^3\ \Phi_{45}^3\ \Phi_{27}^3\ \Phi_{25}^2\ \Phi_9^3\ \Phi_5^2\ \Phi_1^3$
146452	1851	750	$\frac{1}{25}$	$\frac{17}{150}$	$\frac{133}{750}$	$\frac{8}{25}$	$\Phi_{750}^3\ \Phi_{375}^3\ \Phi_{250}^3\ \Phi_{125}^3\ \Phi_{25}^2\ \Phi_5^2\ \Phi_1^3$
146453	1851	700	$\frac{1}{25}$	$\frac{83}{700}$	$\frac{17}{100}$	$\frac{8}{25}$	$\Phi_{700}^3\ \Phi_{350}^3\ \Phi_{175}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{25}^2\ \Phi_{14}^3\ \Phi_7^3\ \Phi_5^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
146454	1851	900	$\frac{17}{300}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{283}{900}$	$\Phi_{900}^3\ \Phi_{450}^3\ \Phi_{225}^3\ \Phi_{180}^3\ \Phi_{90}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
146455	1851	875	$\frac{1}{25}$	$\frac{101}{875}$	$\frac{24}{125}$	$\frac{258}{875}$	$\Phi_{875}^2\ \Phi_{175}^2\ \Phi_{125}^3\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^3$
146456	1851	660	$\frac{43}{660}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{60}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{110}^3\ \Phi_{66}^3\ \Phi_{55}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{20}^3\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
146457	1851	1260	$\frac{13}{630}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
146458	1851	816	$\frac{5}{204}$	$\frac{1}{6}$	$\frac{199}{816}$	$\frac{1}{4}$	$\Phi_{816}^3\ \Phi_{408}^3\ \Phi_{272}^3\ \Phi_{136}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
146459	1851	648	$\frac{31}{648}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{648}^3\ \Phi_{324}^3\ \Phi_{216}^3\ \Phi_{162}^3\ \Phi_{108}^3\ \Phi_{81}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
146460	1851	1428	$\frac{5}{102}$	$\frac{97}{714}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1428}^2\ \Phi_{714}\ \Phi_{476}^2\ \Phi_{357}\ \Phi_{238}\ \Phi_{119}\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
146461	1851	800	$\frac{17}{200}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{183}{800}$	$\Phi_{800}^3\ \Phi_{400}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
146462	1851	1960	$\frac{109}{1960}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{140}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{40}\ \Phi_{35}\ \Phi_8\ \Phi_7\ \Phi_1$
146463	1851	2275	$\frac{31}{455}$	$\frac{4}{35}$	$\frac{424}{2275}$	$\frac{1}{5}$	$\Phi_{2275}\ \Phi_{325}\ \Phi_{175}\ \Phi_{35}\ \Phi_{25}\ \Phi_7\ \Phi_1$
146464	1851	700	$\frac{1}{10}$	$\frac{83}{700}$	$\frac{3}{20}$	$\frac{17}{100}$	$\Phi_{700}^3\ \Phi_{350}^3\ \Phi_{175}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
146465	1851	720	$\frac{1}{10}$	$\frac{17}{120}$	$\frac{103}{720}$	$\frac{3}{20}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
146466	1852	924	$\frac{1}{462}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{461}{924}$	$\Phi_{924}^4\ \Phi_{308}^4\ \Phi_{132}^4\ \Phi_{84}^4\ \Phi_{44}^4\ \Phi_{28}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
146467	1852	618	$\frac{1}{309}$	$\frac{155}{618}$	$\frac{1}{3}$	$\frac{154}{309}$	$\Phi_{618}^4\ \Phi_{309}^2\ \Phi_{206}^4\ \Phi_{103}^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
146468	1852	1845	$\frac{7}{1845}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{919}{1845}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{369}\ \Phi_{205}\ \Phi_{123}\ \Phi_{45}\ \Phi_{41}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
146469	1852	617	$\frac{3}{617}$	$\frac{154}{617}$	$\frac{155}{617}$	$\frac{307}{617}$	$\Phi_{617}^3\ \Phi_1^4$
146470	1852	920	$\frac{3}{460}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{457}{920}$	$\Phi_{920}^4\ \Phi_{184}^4\ \Phi_{40}^4\ \Phi_{20}\ \Phi_{10}\ \Phi_8^4$
146471	1852	918	$\frac{4}{459}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{455}{918}$	$\Phi_{918}^4\ \Phi_{306}^4\ \Phi_{102}^4\ \Phi_{54}^4\ \Phi_{34}^4\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
146472	1852	1545	$\frac{1}{103}$	$\frac{52}{515}$	$\frac{1}{3}$	$\frac{51}{103}$	$\Phi_{1545}^2\ \Phi_{309}\ \Phi_{15}^2$
146473	1852	4560	$\frac{7}{456}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{449}{912}$	$\Phi_{4560}\ \Phi_{1520}\ \Phi_{240}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
146474	1852	4480	$\frac{15}{448}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{433}{896}$	$\Phi_{4480}\ \Phi_{640}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
146475	1852	480	$\frac{17}{480}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^3\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
146476	1852	870	$\frac{1}{29}$	$\frac{28}{435}$	$\frac{1}{5}$	$\frac{407}{870}$	$\Phi_{870}^4\ \Phi_{290}^4\ \Phi_{174}^4\ \Phi_{145}\ \Phi_{58}^4\ \Phi_{30}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
146477	1852	468	$\frac{5}{468}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^4\ \Phi_{117}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^4\ \Phi_{36}^4\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}^4\ \Phi_{12}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
146478	1852	2472	$\frac{1}{103}$	$\frac{51}{412}$	$\frac{1}{3}$	$\frac{361}{824}$	$\Phi_{2472}^2\ \Phi_{309}\ \Phi_{24}^2$
146479	1852	4060	$\frac{1}{58}$	$\frac{57}{406}$	$\frac{1}{5}$	$\frac{349}{812}$	$\Phi_{4060}\ \Phi_{580}\ \Phi_{290}\ \Phi_{145}\ \Phi_{140}\ \Phi_{20}\ \Phi_{10}$
146480	1852	1545	$\frac{2}{309}$	$\frac{307}{1545}$	$\frac{1}{3}$	$\frac{619}{1545}$	$\Phi_{1545}\ \Phi_{515}\ \Phi_{309}^2\ \Phi_{103}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
146481	1852	3480	$\frac{1}{116}$	$\frac{1}{5}$	$\frac{115}{348}$	$\frac{233}{696}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{145}\ \Phi_{120}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
146482	1852	465	$\frac{2}{465}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{465}^4\ \Phi_{155}^4\ \Phi_{93}^4\ \Phi_{31}^4\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
146483	1852	693	$\frac{1}{231}$	$\frac{230}{693}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{693}^4\ \Phi_{99}^4\ \Phi_{63}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
146484	1852	1848	$\frac{1}{154}$	$\frac{153}{616}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}^2\ \Phi_{308}^2\ \Phi_{264}\ \Phi_{168}\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{44}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
146485	1852	1155	$\frac{2}{231}$	$\frac{229}{1155}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1155}^2\ \Phi_{385}^2\ \Phi_{165}^2\ \Phi_{105}^2\ \Phi_{55}^2\ \Phi_{35}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
146486	1852	468	$\frac{5}{468}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^4\ \Phi_{117}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^4\ \Phi_{36}^4\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
146487	1852	1407	$\frac{6}{469}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1407}\ \Phi_{469}^2\ \Phi_{201}\ \Phi_{67}^2\ \Phi_3\ \Phi_1^2$
146488	1852	1617	$\frac{1}{77}$	$\frac{76}{539}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1617}\ \Phi_{539}^2\ \Phi_{147}\ \Phi_{49}^2\ \Phi_3\ \Phi_1^2$
146489	1852	528	$\frac{1}{66}$	$\frac{65}{528}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{176}^4\ \Phi_{132}^4\ \Phi_{88}^4\ \Phi_{48}^4\ \Phi_{44}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
146490	1852	945	$\frac{19}{945}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
146491	1852	1419	$\frac{10}{473}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1419}\ \Phi_{473}^2\ \Phi_{129}\ \Phi_{43}^2\ \Phi_3\ \Phi_1^2$
146492	1852	504	$\frac{1}{42}$	$\frac{41}{504}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{72}^4\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
146493	1852	1428	$\frac{13}{476}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}^2\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{204}\ \Phi_{119}^2\ \Phi_{102}\ \Phi_{84}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{28}^2\ \Phi_{17}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
146494	1852	495	$\frac{1}{33}$	$\frac{32}{495}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{45}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
146495	1852	957	$\frac{31}{957}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{957}^2\ \Phi_{319}^2\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_3\ \Phi_1^2$
146496	1852	483	$\frac{20}{483}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{483}^4\ \Phi_{161}^4\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_3\ \Phi_1^2$
146497	1852	1452	$\frac{21}{484}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{484}^2\ \Phi_{363}\ \Phi_{242}^2\ \Phi_{132}\ \Phi_{121}^2\ \Phi_{44}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
146498	1852	1377	$\frac{8}{459}$	$\frac{1}{9}$	$\frac{451}{1377}$	$\frac{1}{3}$	$\Phi_{1377}^2\ \Phi_{81}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
146499	1852	945	$\frac{19}{945}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
146500	1852	618	$\frac{1}{103}$	$\frac{51}{206}$	$\frac{155}{618}$	$\frac{1}{3}$	$\Phi_{618}^2\ \Phi_{309}^3\ \Phi_{206}^4\ \Phi_{103}^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
146501	1852	612	$\frac{4}{153}$	$\frac{1}{9}$	$\frac{149}{612}$	$\frac{1}{3}$	$\Phi_{612}^4\ \Phi_{306}^4\ \Phi_{204}^4\ \Phi_{102}^4\ \Phi_{68}^4\ \Phi_{36}^4\ \Phi_{34}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
146502	1852	1107	$\frac{7}{369}$	$\frac{181}{1107}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1107}^2\ \Phi_{369}\ \Phi_{123}\ \Phi_{41}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
146503	1852	945	$\frac{19}{945}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
146504	1852	486	$\frac{23}{486}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{486}^4\ \Phi_{243}^4\ \Phi_{162}^4\ \Phi_{81}^4\ \Phi_{54}^4\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
146505	1852	1071	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{145}{1071}$	$\frac{1}{3}$	$\Phi_{1071}^2\ \Phi_{357}^2\ \Phi_{119}^2\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
146506	1852	2610	$\frac{1}{29}$	$\frac{59}{522}$	$\frac{1}{5}$	$\frac{28}{87}$	$\Phi_{2610}\ \Phi_{1305}\ \Phi_{870}\ \Phi_{290}\ \Phi_{145}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{10}$
146507	1852	3360	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{1}{5}$	$\frac{209}{672}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{480}\ \Phi_{420}\ \Phi_{240}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
146508	1852	480	$\frac{17}{480}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^3\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
146509	1852	2760	$\frac{3}{92}$	$\frac{89}{552}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{920}\ \Phi_{690}\ \Phi_{345}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
146510	1852	480	$\frac{17}{480}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}\ \Phi_8^4\ \Phi_6^4\ \Phi_3^4$
146511	1852	3040	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{145}{608}$	$\Phi_{3040}\ \Phi_{1520}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
146512	1852	2560	$\frac{1}{16}$	$\frac{49}{512}$	$\frac{1}{5}$	$\frac{15}{64}$	$\Phi_{2560}\ \Phi_{1280}\ \Phi_{640}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
146513	1852	580	$\frac{1}{29}$	$\frac{28}{145}$	$\frac{1}{5}$	$\frac{117}{580}$	$\Phi_{580}^4\ \Phi_{290}^4\ \Phi_{145}\ \Phi_{116}^4\ \Phi_{58}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_4^4\ \Phi_2^4$
146514	1852	560	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{97}{560}$	$\frac{1}{5}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^4\ \Phi_{80}^4\ \Phi_{70}^3\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{35}^3\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
146515	1853	3696	$\frac{5}{1848}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1843}{3696}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{112}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
146516	1853	3680	$\frac{13}{1840}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1827}{3680}$	$\Phi_{3680}\ \Phi_{736}\ \Phi_{160}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
146517	1853	864	$\frac{1}{108}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{107}{216}$	$\Phi_{864}^4\ \Phi_{288}^4\ \Phi_{216}\ \Phi_{96}^4\ \Phi_{72}\ \Phi_{32}^5\ \Phi_{24}\ \Phi_8\ \Phi_1$
146518	1853	216	$\frac{1}{108}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{107}{216}$	$\Phi_{216}^9\ \Phi_{108}^8\ \Phi_{72}^9\ \Phi_{54}^8\ \Phi_{36}^8\ \Phi_{27}^8\ \Phi_{24}^{10}\ \Phi_{18}^8\ \Phi_{12}^9\ \Phi_9^8\ \Phi_8^9\ \Phi_6^9\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
146519	1853	1080	$\frac{1}{108}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{107}{216}$	$\Phi_{1080}^4\ \Phi_{360}^4\ \Phi_{216}\ \Phi_{120}^4\ \Phi_{72}\ \Phi_{40}^4\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
146520	1853	3648	$\frac{29}{1824}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1795}{3648}$	$\Phi_{3648}\ \Phi_{1216}\ \Phi_{192}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
146521	1853	3584	$\frac{61}{1792}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{1731}{3584}$	$\Phi_{3584}\ \Phi_{512}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
146522	1853	630	$\frac{4}{105}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{101}{210}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}^{2}\ \Phi_{126}^{3}\ \Phi_{105}^{3}\ \Phi_{90}^{4}\ \Phi_{70}^{2}\ \Phi_{63}^{3}\ \Phi_{45}^{4}\ \Phi_{42}^{2}\ \Phi_{35}^{3}\ \Phi_{30}^{3}\ \Phi_{21}^{3}\ \Phi_{18}^{3}\ \Phi_{15}^{4}\ \Phi_{14}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
146523	1853	396	$\frac{1}{22}$	$\frac{1}{18}$	$\frac{23}{132}$	$\frac{21}{44}$	$\Phi_{396}^{4}\ \Phi_{198}^{6}\ \Phi_{132}^{3}\ \Phi_{99}^{6}\ \Phi_{66}^{5}\ \Phi_{44}^{4}\ \Phi_{36}^{4}\ \Phi_{33}^{5}\ \Phi_{22}^{5}\ \Phi_{18}^{5}\ \Phi_{12}^{3}\ \Phi_{11}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
146524	1853	1920	$\frac{67}{1920}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
146525	1853	3552	$\frac{2}{111}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{3552}\ \Phi_{1184}\ \Phi_{111}\ \Phi_{37}\ \Phi_{32}\ \Phi_{1}$
146526	1853	2592	$\frac{1}{54}$	$\frac{1}{16}$	$\frac{53}{162}$	$\frac{15}{32}$	$\Phi_{2592}^{2}\ \Phi_{162}\ \Phi_{81}\ \Phi_{32}\ \Phi_{1}$
146527	1853	224	$\frac{3}{112}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{224}^{16}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}^{13}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
146528	1853	288	$\frac{1}{36}$	$\frac{1}{16}$	$\frac{35}{144}$	$\frac{15}{32}$	$\Phi_{288}^{12}\ \Phi_{144}\ \Phi_{96}^{12}\ \Phi_{72}\ \Phi_{48}\ \Phi_{32}^{13}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
146529	1853	4320	$\frac{1}{27}$	$\frac{1}{16}$	$\frac{26}{135}$	$\frac{15}{32}$	$\Phi_{4320}\ \Phi_{1440}\ \Phi_{480}\ \Phi_{160}\ \Phi_{135}\ \Phi_{45}\ \Phi_{32}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
146530	1853	1824	$\frac{5}{114}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{1824}^{2}\ \Phi_{608}^{2}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{1}$
146531	1853	2016	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{17}{126}$	$\frac{15}{32}$	$\Phi_{2016}^{2}\ \Phi_{672}^{2}\ \Phi_{224}^{2}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{32}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
146532	1853	3744	$\frac{1}{16}$	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{15}{32}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{117}\ \Phi_{39}\ \Phi_{32}\ \Phi_{13}\ \Phi_{1}$
146533	1853	480	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{15}{32}$	$\Phi_{480}^{8}\ \Phi_{160}^{8}\ \Phi_{120}\ \Phi_{96}^{4}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}^{5}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
146534	1853	3480	$\frac{3}{116}$	$\frac{113}{1740}$	$\frac{1}{4}$	$\frac{1627}{3480}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{696}\ \Phi_{232}\ \Phi_{120}\ \Phi_{116}\ \Phi_{58}\ \Phi_{40}\ \Phi_{29}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
146535	1853	1800	$\frac{1}{18}$	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{200}$	$\Phi_{1800}^{2}\ \Phi_{600}^{2}\ \Phi_{360}^{2}\ \Phi_{200}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{72}^{2}\ \Phi_{45}^{2}\ \Phi_{40}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
146536	1853	360	$\frac{1}{18}$	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{360}^{6}\ \Phi_{180}^{4}\ \Phi_{120}^{5}\ \Phi_{90}^{6}\ \Phi_{72}^{6}\ \Phi_{60}^{3}\ \Phi_{45}^{6}\ \Phi_{40}^{5}\ \Phi_{36}^{4}\ \Phi_{30}^{5}\ \Phi_{24}^{5}\ \Phi_{20}^{4}\ \Phi_{18}^{5}\ \Phi_{15}^{5}\ \Phi_{12}^{3}\ \Phi_{10}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
146537	1853	198	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{198}$	$\Phi_{198}^{9}\ \Phi_{99}^{10}\ \Phi_{66}^{9}\ \Phi_{33}^{10}\ \Phi_{22}^{9}\ \Phi_{18}^{8}\ \Phi_{11}^{9}\ \Phi_{9}^{9}\ \Phi_{6}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
146538	1853	330	$\frac{1}{110}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{330}^{6}\ \Phi_{165}^{6}\ \Phi_{110}^{5}\ \Phi_{66}^{6}\ \Phi_{55}^{5}\ \Phi_{33}^{6}\ \Phi_{30}^{5}\ \Phi_{22}^{5}\ \Phi_{15}^{6}\ \Phi_{11}^{5}\ \Phi_{10}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
146539	1853	3248	$\frac{3}{232}$	$\frac{229}{1624}$	$\frac{1}{4}$	$\frac{1395}{3248}$	$\Phi_{3248}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{112}\ \Phi_{58}\ \Phi_{29}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
146540	1853	1320	$\frac{1}{110}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1320}^{2}\ \Phi_{440}^{2}\ \Phi_{330}^{2}\ \Phi_{264}^{2}\ \Phi_{165}^{2}\ \Phi_{120}^{2}\ \Phi_{110}\ \Phi_{88}^{2}\ \Phi_{66}^{2}\ \Phi_{55}\ \Phi_{40}^{2}\ \Phi_{33}^{2}\ \Phi_{30}^{2}\ \Phi_{24}\ \Phi_{22}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
146541	1853	1584	$\frac{1}{22}$	$\frac{1}{18}$	$\frac{21}{88}$	$\frac{67}{176}$	$\Phi_{1584}^{2}\ \Phi_{528}^{2}\ \Phi_{198}^{2}\ \Phi_{176}\ \Phi_{144}^{2}\ \Phi_{99}^{2}\ \Phi_{66}^{2}\ \Phi_{48}^{2}\ \Phi_{33}^{2}\ \Phi_{22}\ \Phi_{18}\ \Phi_{16}\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
146542	1853	2464	$\frac{5}{616}$	$\frac{611}{2464}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{352}\ \Phi_{224}\ \Phi_{176}\ \Phi_{112}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
146543	1853	1872	$\frac{19}{1872}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{16}\ \Phi_{13}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
146544	1853	2112	$\frac{5}{264}$	$\frac{259}{2112}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{192}\ \Phi_{176}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
146545	1853	112	$\frac{3}{112}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{112}^{17}\ \Phi_{56}^{16}\ \Phi_{28}^{16}\ \Phi_{16}^{17}\ \Phi_{14}^{16}\ \Phi_{8}^{17}\ \Phi_{7}^{16}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
146546	1853	2016	$\frac{5}{168}$	$\frac{163}{2016}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
146547	1853	1936	$\frac{83}{1936}$	$\frac{5}{88}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{176}\ \Phi_{121}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
146548	1853	2784	$\frac{3}{464}$	$\frac{1}{4}$	$\frac{461}{1392}$	$\frac{931}{2784}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{96}\ \Phi_{58}\ \Phi_{32}\ \Phi_{29}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
146549	1853	159	$\frac{2}{53}$	$\frac{3}{53}$	$\frac{50}{159}$	$\frac{1}{3}$	$\Phi_{159}^{9}\ \Phi_{53}^{17}\ \Phi_{3}^{8}\ \Phi_{1}^{17}$
146550	1853	888	$\frac{2}{111}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{888}^{2}\ \Phi_{444}^{2}\ \Phi_{296}^{2}\ \Phi_{222}^{2}\ \Phi_{148}^{2}\ \Phi_{111}^{3}\ \Phi_{74}^{2}\ \Phi_{37}^{3}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
146551	1853	2220	$\frac{2}{111}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{740}\ \Phi_{555}\ \Phi_{370}\ \Phi_{185}\ \Phi_{111}\ \Phi_{37}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
146552	1853	648	$\frac{1}{54}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{53}{162}$	$\Phi_{648}^{4}\ \Phi_{324}^{4}\ \Phi_{162}^{5}\ \Phi_{81}^{5}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
146553	1853	1620	$\frac{1}{54}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{53}{162}$	$\Phi_{1620}^{2}\ \Phi_{810}^{2}\ \Phi_{405}^{2}\ \Phi_{162}\ \Phi_{81}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
146554	1853	2088	$\frac{3}{116}$	$\frac{235}{2088}$	$\frac{1}{4}$	$\frac{113}{348}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{522}\ \Phi_{261}\ \Phi_{232}\ \Phi_{116}\ \Phi_{72}\ \Phi_{58}\ \Phi_{36}\ \Phi_{29}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
146555	1853	2688	$\frac{3}{64}$	$\frac{61}{896}$	$\frac{1}{4}$	$\frac{835}{2688}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
146556	1853	396	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{23}{132}$	$\frac{10}{33}$	$\Phi_{396}^{6}\ \Phi_{198}^{4}\ \Phi_{132}^{5}\ \Phi_{99}^{4}\ \Phi_{66}^{3}\ \Phi_{44}^{5}\ \Phi_{36}^{6}\ \Phi_{33}^{4}\ \Phi_{22}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{5}\ \Phi_{11}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{5}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
146557	1853	1920	$\frac{67}{1920}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
146558	1853	336	$\frac{3}{112}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{336}^{8}\ \Phi_{168}^{8}\ \Phi_{112}\ \Phi_{84}^{8}\ \Phi_{56}\ \Phi_{48}^{8}\ \Phi_{42}^{8}\ \Phi_{28}\ \Phi_{24}^{5}\ \Phi_{21}^{8}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}^{5}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}$
146559	1853	144	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{35}{144}$	$\frac{7}{24}$	$\Phi_{144}^{17}\ \Phi_{72}^{9}\ \Phi_{48}^{17}\ \Phi_{36}^{8}\ \Phi_{24}^{10}\ \Phi_{18}^{8}\ \Phi_{16}^{17}\ \Phi_{12}^{9}\ \Phi_{9}^{8}\ \Phi_{8}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
146560	1853	1080	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{26}{135}$	$\frac{7}{24}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{270}^{2}\ \Phi_{180}^{2}\ \Phi_{135}^{3}\ \Phi_{120}^{2}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{3}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{6}\ \Phi_{5}^{3}\ \Phi_{3}\ \Phi_{1}$
146561	1853	456	$\frac{5}{114}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{456}^{4}\ \Phi_{228}^{4}\ \Phi_{152}^{4}\ \Phi_{114}^{5}\ \Phi_{76}^{4}\ \Phi_{57}^{5}\ \Phi_{38}^{5}\ \Phi_{24}\ \Phi_{19}^{5}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
146562	1853	504	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{17}{126}$	$\frac{7}{24}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{168}^{4}\ \Phi_{126}^{5}\ \Phi_{84}^{4}\ \Phi_{63}^{5}\ \Phi_{56}^{4}\ \Phi_{42}^{5}\ \Phi_{28}^{4}\ \Phi_{24}\ \Phi_{21}^{5}\ \Phi_{14}^{5}\ \Phi_{12}\ \Phi_{7}^{5}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
146563	1853	936	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{312}^{2}\ \Phi_{234}^{2}\ \Phi_{156}^{2}\ \Phi_{117}^{3}\ \Phi_{104}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{39}^{3}\ \Phi_{26}^{2}\ \Phi_{24}\ \Phi_{13}^{3}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
146564	1853	120	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{120}^{17}\ \Phi_{60}^{17}\ \Phi_{40}^{17}\ \Phi_{30}^{17}\ \Phi_{24}^{10}\ \Phi_{20}^{17}\ \Phi_{15}^{17}\ \Phi_{12}^{9}\ \Phi_{10}^{17}\ \Phi_{8}^{9}\ \Phi_{6}^{9}\ \Phi_{5}^{17}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
146565	1853	450	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{150}$	$\Phi_{450}^{4}\ \Phi_{225}^{4}\ \Phi_{150}^{3}\ \Phi_{90}^{6}\ \Phi_{75}^{3}\ \Phi_{50}^{4}\ \Phi_{45}^{6}\ \Phi_{30}^{5}\ \Phi_{25}^{4}\ \Phi_{18}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
146566	1853	360	$\frac{1}{18}$	$\frac{11}{120}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{5}\ \Phi_{90}^{4}\ \Phi_{72}^{6}\ \Phi_{60}^{5}\ \Phi_{45}^{4}\ \Phi_{40}^{5}\ \Phi_{36}^{6}\ \Phi_{30}^{3}\ \Phi_{24}^{5}\ \Phi_{20}^{5}\ \Phi_{18}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{5}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{5}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
146567	1853	560	$\frac{3}{112}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{140}^{4}\ \Phi_{112}\ \Phi_{80}^{4}\ \Phi_{70}^{4}\ \Phi_{56}\ \Phi_{40}^{4}\ \Phi_{35}^{4}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
146568	1853	720	$\frac{1}{36}$	$\frac{3}{20}$	$\frac{35}{144}$	$\frac{1}{4}$	$\Phi_{720}^{4}\ \Phi_{360}^{4}\ \Phi_{240}^{4}\ \Phi_{144}\ \Phi_{120}^{4}\ \Phi_{80}^{4}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}^{4}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
146569	1853	2048	$\frac{3}{64}$	$\frac{195}{2048}$	$\frac{61}{256}$	$\frac{1}{4}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{512}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
146570	1853	2432	$\frac{29}{608}$	$\frac{3}{32}$	$\frac{579}{2432}$	$\frac{1}{4}$	$\Phi_{2432}\ \Phi_{1216}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
146571	1853	2320	$\frac{3}{116}$	$\frac{113}{580}$	$\frac{467}{2320}$	$\frac{1}{4}$	$\Phi_{2320}\ \Phi_{1160}\ \Phi_{464}\ \Phi_{232}\ \Phi_{116}\ \Phi_{80}\ \Phi_{58}\ \Phi_{40}\ \Phi_{29}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
146572	1853	540	$\frac{1}{27}$	$\frac{3}{20}$	$\frac{26}{135}$	$\frac{1}{4}$	$\Phi_{540}^{3}\ \Phi_{270}^{3}\ \Phi_{180}^{3}\ \Phi_{135}^{4}\ \Phi_{108}^{4}\ \Phi_{90}^{3}\ \Phi_{60}^{3}\ \Phi_{54}^{4}\ \Phi_{45}^{4}\ \Phi_{36}^{4}\ \Phi_{30}^{3}\ \Phi_{27}^{4}\ \Phi_{20}^{4}\ \Phi_{18}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
146573	1853	1920	$\frac{67}{1920}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
146574	1853	2208	$\frac{13}{368}$	$\frac{355}{2208}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{552}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}\ \Phi_{69}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
146575	1853	2240	$\frac{3}{64}$	$\frac{61}{448}$	$\frac{387}{2240}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{320}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{80}\ \Phi_{70}\ \Phi_{64}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
146576	1853	1140	$\frac{5}{114}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1140}^{2}\ \Phi_{570}^{2}\ \Phi_{380}^{2}\ \Phi_{285}^{2}\ \Phi_{190}^{2}\ \Phi_{114}\ \Phi_{95}^{2}\ \Phi_{57}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
146577	1853	1260	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{420}^{2}\ \Phi_{315}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{126}\ \Phi_{105}^{2}\ \Phi_{70}^{2}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}^{2}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
146578	1853	2340	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{130}\ \Phi_{117}\ \Phi_{65}\ \Phi_{39}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
146579	1853	120	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{120}^{17}\ \Phi_{60}^{13}\ \Phi_{40}^{17}\ \Phi_{30}^{13}\ \Phi_{24}^{17}\ \Phi_{20}^{14}\ \Phi_{15}^{13}\ \Phi_{12}^{16}\ \Phi_{10}^{14}\ \Phi_{8}^{17}\ \Phi_{6}^{16}\ \Phi_{5}^{14}\ \Phi_{4}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
146580	1853	1260	$\frac{1}{18}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{140}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
146581	1854	3080	$\frac{1}{308}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{307}{616}$	$\Phi_{3080}\ \Phi_{616}^2\ \Phi_{440}\ \Phi_{280}\ \Phi_{88}^2\ \Phi_{56}^2\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
146582	1854	1848	$\frac{1}{308}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{307}{616}$	$\Phi_{1848}^3\ \Phi_{264}^3\ \Phi_{168}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
146583	1854	3280	$\frac{1}{205}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{102}{205}$	$\Phi_{3280}\ \Phi_{656}\ \Phi_{205}\ \Phi_{80}\ \Phi_{41}\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
146584	1854	820	$\frac{1}{205}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{102}{205}$	$\Phi_{820}^2\ \Phi_{410}^2\ \Phi_{205}^3\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{41}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
146585	1854	1853	$\frac{13}{1853}$	$\frac{311}{1853}$	$\frac{514}{1853}$	$\frac{920}{1853}$	$\Phi_{1853}\ \Phi_{109}\ \Phi_{17}\ \Phi_1^2$
146586	1854	5520	$\frac{7}{920}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{913}{1840}$	$\Phi_{5520}\ \Phi_{1104}\ \Phi_{240}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
146587	1854	2476	$\frac{5}{619}$	$\frac{104}{619}$	$\frac{1}{4}$	$\frac{307}{619}$	$\Phi_{2476}\ \Phi_{1238}$
146588	1854	1744	$\frac{1}{109}$	$\frac{55}{872}$	$\frac{817}{1744}$	$\frac{54}{109}$	$\Phi_{1744}^2\ \Phi_{109}\ \Phi_{16}^2\ \Phi_1^2$
146589	1854	436	$\frac{1}{109}$	$\frac{55}{436}$	$\frac{127}{436}$	$\frac{54}{109}$	$\Phi_{436}^4\ \Phi_{218}^4\ \Phi_{109}^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
146590	1854	1090	$\frac{1}{109}$	$\frac{163}{1090}$	$\frac{55}{218}$	$\frac{54}{109}$	$\Phi_{1090}^2\ \Phi_{545}^2\ \Phi_{109}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
146591	1854	204	$\frac{1}{102}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{101}{204}$	$\Phi_{204}^{18}\ \Phi_{68}^{18}\ \Phi_{17}\ \Phi_{12}^{18}\ \Phi_4^{18}\ \Phi_1^2$
146592	1854	1020	$\frac{1}{102}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{101}{204}$	$\Phi_{1020}^4\ \Phi_{340}^4\ \Phi_{204}^2\ \Phi_{68}^2\ \Phi_{60}^4\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
146593	1854	204	$\frac{1}{102}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{101}{204}$	$\Phi_{204}^{18}\ \Phi_{68}^{18}\ \Phi_{17}\ \Phi_{12}^{18}\ \Phi_4^{18}\ \Phi_1^2$
146594	1854	1428	$\frac{1}{102}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{101}{204}$	$\Phi_{1428}\ \Phi_{714}^2\ \Phi_{476}\ \Phi_{357}^2\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{84}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2$
146595	1854	4270	$\frac{4}{305}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{301}{610}$	$\Phi_{4270}\ \Phi_{854}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
146596	1854	690	$\frac{1}{69}$	$\frac{1}{10}$	$\frac{35}{138}$	$\frac{34}{69}$	$\Phi_{690}^3\ \Phi_{345}^3\ \Phi_{230}^3\ \Phi_{138}\ \Phi_{115}^3\ \Phi_{69}^2\ \Phi_{46}\ \Phi_{30}^3\ \Phi_{23}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
146597	1854	868	$\frac{1}{62}$	$\frac{1}{7}$	$\frac{21}{124}$	$\frac{61}{124}$	$\Phi_{868}^2\ \Phi_{434}^3\ \Phi_{217}^3\ \Phi_{28}^2\ \Phi_{14}^3\ \Phi_7^2$
146598	1854	1824	$\frac{5}{304}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{299}{608}$	$\Phi_{1824}^3\ \Phi_{96}^3\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
146599	1854	3800	$\frac{3}{100}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{97}{200}$	$\Phi_{3800}\ \Phi_{760}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
146600	1854	1400	$\frac{3}{100}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{97}{200}$	$\Phi_{1400}^3\ \Phi_{280}^3\ \Phi_{70}\ \Phi_{56}^3\ \Phi_{35}\ \Phi_{14}$
146601	1854	5394	$\frac{28}{899}$	$\frac{1}{29}$	$\frac{1}{3}$	$\frac{871}{1798}$	$\Phi_{5394}\ \Phi_{186}\ \Phi_{174}\ \Phi_{87}\ \Phi_6$
146602	1854	960	$\frac{1}{32}$	$\frac{11}{320}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{960}^3\ \Phi_{480}^3\ \Phi_{240}^3\ \Phi_{192}^2\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
146603	1854	5376	$\frac{1}{32}$	$\frac{31}{896}$	$\frac{1}{3}$	$\frac{865}{1792}$	$\Phi_{5376}\ \Phi_{768}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
146604	1854	595	$\frac{23}{595}$	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{286}{595}$	$\Phi_{595}^3\ \Phi_{119}^3\ \Phi_{85}^4\ \Phi_{35}^3\ \Phi_{17}^3\ \Phi_7^3\ \Phi_5^4\ \Phi_1^4$
146605	1854	990	$\frac{4}{99}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{95}{198}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^3\ \Phi_{55}^2\ \Phi_{45}^3\ \Phi_{33}^2\ \Phi_{30}^3\ \Phi_{18}\ \Phi_{15}^3\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
146606	1854	374	$\frac{8}{187}$	$\frac{1}{17}$	$\frac{65}{374}$	$\frac{179}{374}$	$\Phi_{374}^4\ \Phi_{187}^6\ \Phi_{34}^4\ \Phi_{22}^4\ \Phi_{17}^5\ \Phi_{11}^6\ \Phi_2^4\ \Phi_1^6$
146607	1854	230	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{12}{115}$	$\frac{11}{23}$	$\Phi_{230}^9\ \Phi_{115}^7\ \Phi_{46}^9\ \Phi_{23}^8\ \Phi_{10}^8\ \Phi_5^6\ \Phi_2^8\ \Phi_1^8$
146608	1854	109	$\frac{5}{109}$	$\frac{6}{109}$	$\frac{19}{109}$	$\frac{52}{109}$	$\Phi_{109}^{17}\ \Phi_1^{18}$
146609	1854	1785	$\frac{2}{105}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}^2\ \Phi_{85}\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^2$
146610	1854	153	$\frac{1}{51}$	$\frac{1}{17}$	$\frac{50}{153}$	$\frac{8}{17}$	$\Phi_{153}^{18}\ \Phi_{17}\ \Phi_9^{18}\ \Phi_1^2$
146611	1854	952	$\frac{25}{952}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{952}^2\ \Phi_{476}^2\ \Phi_{238}^2\ \Phi_{136}^2\ \Phi_{119}^2\ \Phi_{68}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{17}\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
146612	1854	136	$\frac{1}{34}$	$\frac{1}{17}$	$\frac{33}{136}$	$\frac{8}{17}$	$\Phi_{136}^{18}\ \Phi_{68}^{18}\ \Phi_{17}\ \Phi_8^{18}\ \Phi_4^{18}\ \Phi_1^2$
146613	1854	323	$\frac{14}{323}$	$\frac{1}{17}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{323}^6\ \Phi_{19}^6\ \Phi_{17}\ \Phi_1^2$
146614	1854	1836	$\frac{5}{108}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{108}^2\ \Phi_{68}\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
146615	1854	119	$\frac{1}{17}$	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{8}{17}$	$\Phi_{119}^{18}\ \Phi_{17}\ \Phi_{7}^{18}\ \Phi_{1}^{2}$
146616	1854	340	$\frac{1}{17}$	$\frac{3}{34}$	$\frac{31}{340}$	$\frac{8}{17}$	$\Phi_{340}^{6}\ \Phi_{170}^{6}\ \Phi_{85}^{6}\ \Phi_{68}^{6}\ \Phi_{20}^{6}\ \Phi_{17}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
146617	1854	1740	$\frac{1}{58}$	$\frac{19}{290}$	$\frac{1}{3}$	$\frac{271}{580}$	$\Phi_{1740}^{3}\ \Phi_{348}^{3}\ \Phi_{174}\ \Phi_{87}\ \Phi_{60}^{3}\ \Phi_{12}^{3}\ \Phi_{6}$
146618	1854	3648	$\frac{1}{19}$	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{192}$	$\Phi_{3648}\ \Phi_{1216}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
146619	1854	1700	$\frac{1}{17}$	$\frac{77}{850}$	$\frac{8}{85}$	$\frac{773}{1700}$	$\Phi_{1700}^{2}\ \Phi_{340}^{2}\ \Phi_{100}^{2}\ \Phi_{85}^{2}\ \Phi_{68}^{2}\ \Phi_{20}^{2}\ \Phi_{17}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
146620	1854	340	$\frac{1}{17}$	$\frac{31}{340}$	$\frac{8}{85}$	$\frac{77}{170}$	$\Phi_{340}^{6}\ \Phi_{170}^{4}\ \Phi_{85}^{6}\ \Phi_{68}^{6}\ \Phi_{34}^{4}\ \Phi_{20}^{6}\ \Phi_{17}^{5}\ \Phi_{10}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
146621	1854	2240	$\frac{11}{320}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{280}\ \Phi_{224}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{14}$
146622	1854	109	$\frac{6}{109}$	$\frac{10}{109}$	$\frac{11}{109}$	$\frac{49}{109}$	$\Phi_{109}^{17}\ \Phi_{1}^{18}$
146623	1854	187	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{19}{187}$	$\frac{84}{187}$	$\Phi_{187}^{10}\ \Phi_{17}^{9}\ \Phi_{11}^{10}\ \Phi_{1}^{10}$
146624	1854	1302	$\frac{1}{31}$	$\frac{10}{93}$	$\frac{1}{7}$	$\frac{83}{186}$	$\Phi_{1302}^{3}\ \Phi_{434}^{3}\ \Phi_{217}\ \Phi_{42}^{3}\ \Phi_{14}^{3}$
146625	1854	540	$\frac{5}{108}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{540}^{4}\ \Phi_{270}^{4}\ \Phi_{180}^{4}\ \Phi_{135}^{4}\ \Phi_{108}^{2}\ \Phi_{90}^{3}\ \Phi_{60}^{4}\ \Phi_{54}^{2}\ \Phi_{45}^{3}\ \Phi_{36}^{2}\ \Phi_{30}^{3}\ \Phi_{27}^{2}$ $\Phi_{20}^{4}\ \Phi_{18}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
146626	1854	920	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{11}{92}$	$\frac{81}{184}$	$\Phi_{920}^{4}\ \Phi_{230}\ \Phi_{184}^{2}\ \Phi_{115}\ \Phi_{46}\ \Phi_{40}^{4}\ \Phi_{8}^{2}$
146627	1854	624	$\frac{1}{104}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{624}^{8}\ \Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{48}^{7}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
146628	1854	1680	$\frac{2}{105}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{1680}^{2}\ \Phi_{560}^{2}\ \Phi_{336}^{2}\ \Phi_{240}^{2}\ \Phi_{112}^{2}\ \Phi_{105}^{2}\ \Phi_{80}\ \Phi_{48}^{2}\ \Phi_{35}^{2}\ \Phi_{21}^{2}\ \Phi_{16}^{2}$ $\Phi_{15}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
146629	1854	1968	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{20}{123}$	$\frac{7}{16}$	$\Phi_{1968}^{2}\ \Phi_{656}\ \Phi_{123}^{2}\ \Phi_{48}^{2}\ \Phi_{41}\ \Phi_{16}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
146630	1854	2128	$\frac{1}{19}$	$\frac{9}{112}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{152}\ \Phi_{133}\ \Phi_{76}\ \Phi_{38}$
146631	1854	3458	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{79}{182}$	$\Phi_{3458}\ \Phi_{494}\ \Phi_{266}\ \Phi_{247}\ \Phi_{38}$
146632	1854	545	$\frac{1}{109}$	$\frac{73}{545}$	$\frac{36}{109}$	$\frac{236}{545}$	$\Phi_{545}^{3}\ \Phi_{109}^{5}\ \Phi_{5}^{3}\ \Phi_{1}^{6}$
146633	1854	4872	$\frac{1}{116}$	$\frac{115}{812}$	$\frac{1}{3}$	$\frac{697}{1624}$	$\Phi_{4872}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{168}\ \Phi_{87}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
146634	1854	109	$\frac{6}{109}$	$\frac{7}{109}$	$\frac{17}{109}$	$\frac{46}{109}$	$\Phi_{109}^{17}\ \Phi_{1}^{18}$
146635	1854	436	$\frac{1}{109}$	$\frac{18}{109}$	$\frac{127}{436}$	$\frac{91}{218}$	$\Phi_{436}^{6}\ \Phi_{109}^{5}\ \Phi_{4}^{6}\ \Phi_{1}^{6}$
146636	1854	770	$\frac{1}{154}$	$\frac{1}{5}$	$\frac{51}{154}$	$\frac{2}{5}$	$\Phi_{770}^{2}\ \Phi_{385}^{2}\ \Phi_{154}^{4}\ \Phi_{110}^{2}\ \Phi_{77}^{4}\ \Phi_{70}^{2}\ \Phi_{55}^{2}\ \Phi_{35}^{2}\ \Phi_{22}^{4}\ \Phi_{14}^{4}\ \Phi_{11}^{4}\ \Phi_{10}^{2}$ $\Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
146637	1854	520	$\frac{1}{104}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{520}^{3}\ \Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{104}^{6}\ \Phi_{65}^{3}\ \Phi_{52}^{6}\ \Phi_{40}^{3}\ \Phi_{26}^{6}\ \Phi_{20}^{2}\ \Phi_{13}^{6}\ \Phi_{10}^{2}\ \Phi_{8}^{6}$ $\Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
146638	1854	385	$\frac{1}{77}$	$\frac{76}{385}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{385}^{5}\ \Phi_{77}^{4}\ \Phi_{55}^{5}\ \Phi_{35}^{5}\ \Phi_{11}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
146639	1854	105	$\frac{2}{105}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{105}^{18}\ \Phi_{35}^{17}\ \Phi_{21}^{18}\ \Phi_{15}^{18}\ \Phi_{7}^{16}\ \Phi_{5}^{18}\ \Phi_{3}^{18}\ \Phi_{1}^{18}$
146640	1854	1760	$\frac{1}{44}$	$\frac{43}{352}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}^{2}\ \Phi_{176}^{2}\ \Phi_{160}\ \Phi_{88}^{2}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}^{2}\ \Phi_{16}^{2}$ $\Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
146641	1854	1595	$\frac{10}{319}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1595}\ \Phi_{319}^{2}\ \Phi_{145}\ \Phi_{29}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
146642	1854	560	$\frac{1}{28}$	$\frac{9}{112}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{560}^{3}\ \Phi_{280}^{3}\ \Phi_{140}^{2}\ \Phi_{112}^{6}\ \Phi_{80}^{3}\ \Phi_{70}^{2}\ \Phi_{56}^{6}\ \Phi_{40}^{3}\ \Phi_{35}^{2}\ \Phi_{28}^{4}\ \Phi_{20}^{2}\ \Phi_{16}^{6}$ $\Phi_{14}^{4}\ \Phi_{10}^{2}\ \Phi_{8}^{6}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
146643	1854	1610	$\frac{13}{322}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1610}\ \Phi_{805}\ \Phi_{322}^{2}\ \Phi_{230}\ \Phi_{161}^{2}\ \Phi_{115}\ \Phi_{46}^{2}\ \Phi_{23}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
146644	1854	110	$\frac{1}{22}$	$\frac{7}{110}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{110}^{17}\ \Phi_{55}^{17}\ \Phi_{22}^{16}\ \Phi_{11}^{16}\ \Phi_{10}^{17}\ \Phi_{5}^{18}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
146645	1854	1853	$\frac{11}{1853}$	$\frac{413}{1853}$	$\frac{614}{1853}$	$\frac{720}{1853}$	$\Phi_{1853}\ \Phi_{109}\ \Phi_{17}\ \Phi_{1}^{2}$
146646	1854	1496	$\frac{8}{187}$	$\frac{1}{17}$	$\frac{179}{748}$	$\frac{569}{1496}$	$\Phi_{1496}^{2}\ \Phi_{187}^{2}\ \Phi_{136}^{2}\ \Phi_{88}^{2}\ \Phi_{17}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
146647	1854	3472	$\frac{1}{62}$	$\frac{1}{7}$	$\frac{61}{248}$	$\frac{187}{496}$	$\Phi_{3472}\ \Phi_{434}\ \Phi_{217}\ \Phi_{112}\ \Phi_{14}$
146648	1854	1976	$\frac{1}{104}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1976}\ \Phi_{988}\ \Phi_{494}\ \Phi_{247}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
146649	1854	2964	$\frac{1}{26}$	$\frac{1}{19}$	$\frac{25}{78}$	$\frac{53}{156}$	$\Phi_{2964}\ \Phi_{988}\ \Phi_{494}\ \Phi_{247}\ \Phi_{228}\ \Phi_{76}\ \Phi_{38}$
146650	1854	109	$\frac{4}{109}$	$\frac{6}{109}$	$\frac{35}{109}$	$\frac{37}{109}$	$\Phi_{109}^{17}\ \Phi_{1}^{18}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
146651	1854	1853	$\frac{14}{1853}$	$\frac{411}{1853}$	$\frac{613}{1853}$	$\frac{620}{1853}$	$\Phi_{1853}\ \Phi_{109}\ \Phi_{17}\ \Phi_{1}^{2}$
146652	1854	2476	$\frac{4}{619}$	$\frac{1}{4}$	$\frac{205}{619}$	$\frac{207}{619}$	$\Phi_{2476}\ \Phi_{1238}$
146653	1854	1392	$\frac{1}{232}$	$\frac{77}{232}$	$\frac{1}{3}$	$\frac{155}{464}$	$\Phi_{1392}^{3}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{87}\ \Phi_{48}^{3}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
146654	1854	210	$\frac{2}{105}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{210}^{10}\ \Phi_{105}^{8}\ \Phi_{70}^{10}\ \Phi_{42}^{10}\ \Phi_{35}^{8}\ \Phi_{30}^{9}\ \Phi_{21}^{8}\ \Phi_{15}^{7}\ \Phi_{14}^{10}\ \Phi_{10}^{8}\ \Phi_{7}^{8}\ \Phi_{6}^{9}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
146655	1854	924	$\frac{1}{154}$	$\frac{1}{4}$	$\frac{51}{154}$	$\frac{1}{3}$	$\Phi_{924}^{4}\ \Phi_{462}^{2}\ \Phi_{231}^{2}\ \Phi_{132}^{4}\ \Phi_{84}^{4}\ \Phi_{66}^{2}\ \Phi_{42}^{2}\ \Phi_{33}^{2}\ \Phi_{21}^{2}\ \Phi_{12}^{5}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
146656	1854	2784	$\frac{7}{928}$	$\frac{207}{928}$	$\frac{307}{928}$	$\frac{1}{3}$	$\Phi_{2784}\ \Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{96}\ \Phi_{87}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
146657	1854	348	$\frac{1}{58}$	$\frac{13}{116}$	$\frac{19}{58}$	$\frac{1}{3}$	$\Phi_{348}^{9}\ \Phi_{174}^{7}\ \Phi_{87}^{7}\ \Phi_{12}^{9}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
146658	1854	1530	$\frac{1}{51}$	$\frac{1}{10}$	$\frac{50}{153}$	$\frac{1}{3}$	$\Phi_{1530}^{2}\ \Phi_{765}^{2}\ \Phi_{306}^{2}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{30}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{6}$
146659	1854	960	$\frac{11}{320}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{960}^{3}\ \Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{192}^{3}\ \Phi_{120}^{3}\ \Phi_{96}^{3}\ \Phi_{60}^{3}\ \Phi_{48}\ \Phi_{30}^{3}\ \Phi_{24}\ \Phi_{15}^{3}\ \Phi_{12}\ \Phi_{6}$
146660	1854	1344	$\frac{1}{32}$	$\frac{31}{448}$	$\frac{139}{448}$	$\frac{1}{3}$	$\Phi_{1344}^{2}\ \Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{192}^{2}\ \Phi_{168}^{2}\ \Phi_{96}^{3}\ \Phi_{84}^{2}\ \Phi_{48}^{3}\ \Phi_{42}^{2}\ \Phi_{24}^{3}\ \Phi_{21}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
146661	1854	1785	$\frac{2}{105}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}^{2}\ \Phi_{85}\ \Phi_{35}^{2}\ \Phi_{21}^{2}\ \Phi_{17}\ \Phi_{15}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
146662	1854	312	$\frac{1}{104}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{312}^{9}\ \Phi_{156}^{9}\ \Phi_{78}^{9}\ \Phi_{39}^{9}\ \Phi_{24}^{9}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
146663	1854	3696	$\frac{3}{308}$	$\frac{305}{1232}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3696}\ \Phi_{1848}\ \Phi_{528}\ \Phi_{336}\ \Phi_{264}\ \Phi_{168}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
146664	1854	4620	$\frac{1}{77}$	$\frac{76}{385}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{4620}\ \Phi_{2310}\ \Phi_{660}\ \Phi_{420}\ \Phi_{330}\ \Phi_{210}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}\ \Phi_{6}$
146665	1854	420	$\frac{2}{105}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{140}^{6}\ \Phi_{84}^{5}\ \Phi_{70}^{6}\ \Phi_{60}^{6}\ \Phi_{42}^{5}\ \Phi_{30}^{6}\ \Phi_{28}^{6}\ \Phi_{20}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{10}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
146666	1854	1056	$\frac{1}{44}$	$\frac{43}{352}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1056}^{3}\ \Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{96}^{3}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{12}\ \Phi_{6}$
146667	1854	2856	$\frac{25}{952}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{408}\ \Phi_{357}\ \Phi_{204}\ \Phi_{168}\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
146668	1854	3828	$\frac{10}{319}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3828}\ \Phi_{1914}\ \Phi_{348}\ \Phi_{174}\ \Phi_{12}\ \Phi_{6}$
146669	1854	336	$\frac{1}{28}$	$\frac{9}{112}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^{9}\ \Phi_{168}^{9}\ \Phi_{84}^{6}\ \Phi_{48}^{9}\ \Phi_{42}^{6}\ \Phi_{24}^{9}\ \Phi_{21}^{6}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
146670	1854	1932	$\frac{13}{322}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1932}^{2}\ \Phi_{966}\ \Phi_{483}\ \Phi_{276}^{2}\ \Phi_{138}\ \Phi_{69}\ \Phi_{12}\ \Phi_{6}$
146671	1854	2904	$\frac{41}{968}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2904}\ \Phi_{1452}\ \Phi_{726}\ \Phi_{363}\ \Phi_{264}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
146672	1854	660	$\frac{1}{22}$	$\frac{7}{110}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^{6}\ \Phi_{330}^{3}\ \Phi_{165}^{3}\ \Phi_{132}^{4}\ \Phi_{66}^{2}\ \Phi_{60}^{6}\ \Phi_{33}^{2}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{5}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
146673	1854	2040	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{33}{136}$	$\frac{1}{3}$	$\Phi_{2040}^{2}\ \Phi_{1020}^{2}\ \Phi_{408}\ \Phi_{204}\ \Phi_{120}^{2}\ \Phi_{60}^{2}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
146674	1854	3072	$\frac{1}{32}$	$\frac{97}{1024}$	$\frac{31}{128}$	$\frac{1}{3}$	$\Phi_{3072}\ \Phi_{1536}\ \Phi_{768}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
146675	1854	3648	$\frac{15}{304}$	$\frac{1}{16}$	$\frac{289}{1216}$	$\frac{1}{3}$	$\Phi_{3648}\ \Phi_{1824}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
146676	1854	3480	$\frac{1}{58}$	$\frac{57}{290}$	$\frac{233}{1160}$	$\frac{1}{3}$	$\Phi_{3480}\ \Phi_{1740}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{120}\ \Phi_{87}\ \Phi_{60}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
146677	1854	510	$\frac{2}{51}$	$\frac{1}{10}$	$\frac{49}{255}$	$\frac{1}{3}$	$\Phi_{510}^{4}\ \Phi_{255}^{3}\ \Phi_{170}^{4}\ \Phi_{102}^{4}\ \Phi_{85}^{3}\ \Phi_{51}^{4}\ \Phi_{34}^{4}\ \Phi_{30}^{5}\ \Phi_{17}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
146678	1854	960	$\frac{11}{320}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{960}^{3}\ \Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{192}^{3}\ \Phi_{120}^{2}\ \Phi_{96}^{3}\ \Phi_{60}^{2}\ \Phi_{48}^{3}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
146679	1854	3360	$\frac{1}{32}$	$\frac{31}{224}$	$\frac{193}{1120}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{480}\ \Phi_{420}\ \Phi_{240}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
146680	1854	540	$\frac{5}{108}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{540}^{4}\ \Phi_{270}^{4}\ \Phi_{180}^{4}\ \Phi_{135}^{4}\ \Phi_{108}^{2}\ \Phi_{90}^{4}\ \Phi_{60}^{4}\ \Phi_{54}^{2}\ \Phi_{45}^{4}\ \Phi_{36}^{2}\ \Phi_{30}\ \Phi_{27}^{2}\ \Phi_{20}^{4}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}\ \Phi_{4}^{2}$
146681	1854	1104	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{59}{368}$	$\frac{1}{3}$	$\Phi_{1104}^{3}\ \Phi_{552}^{2}\ \Phi_{276}^{2}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
146682	1854	3570	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{16}{119}$	$\frac{1}{3}$	$\Phi_{3570}\ \Phi_{1785}\ \Phi_{714}\ \Phi_{210}\ \Phi_{105}\ \Phi_{42}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
146683	1854	348	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{13}{116}$	$\frac{1}{3}$	$\Phi_{348}^{9}\ \Phi_{174}^{9}\ \Phi_{87}^{5}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{3}^{4}$
146684	1854	153	$\frac{1}{51}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{50}{153}$	$\Phi_{153}^{18}\ \Phi_{17}\ \Phi_{9}^{18}\ \Phi_{1}^{2}$
146685	1854	4284	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{50}{153}$	$\Phi_{4284}\ \Phi_{2142}\ \Phi_{252}\ \Phi_{126}\ \Phi_{28}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
146686	1854	868	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{21}{124}$	$\frac{10}{31}$	$\Phi_{868}^{3}\ \Phi_{434}^{3}\ \Phi_{217}\ \Phi_{28}^{3}\ \Phi_{14}^{3}$
146687	1854	1050	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{47}{150}$	$\Phi_{1050}^{3}\ \Phi_{525}^{3}\ \Phi_{210}^{3}\ \Phi_{105}^{3}\ \Phi_{70}\ \Phi_{42}^{3}\ \Phi_{35}\ \Phi_{21}^{3}\ \Phi_{14}$
146688	1854	109	$\frac{6}{109}$	$\frac{7}{109}$	$\frac{25}{109}$	$\frac{34}{109}$	$\Phi_{109}^{17}\ \Phi_{1}^{18}$
146689	1854	2970	$\frac{8}{99}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{91}{297}$	$\Phi_{2970}\ \Phi_{1485}\ \Phi_{594}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
146690	1854	374	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{65}{374}$	$\frac{57}{187}$	$\Phi_{374}^{6}\ \Phi_{187}^{4}\ \Phi_{34}^{6}\ \Phi_{22}^{6}\ \Phi_{17}^{3}\ \Phi_{11}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{4}$
146691	1854	109	$\frac{6}{109}$	$\frac{10}{109}$	$\frac{19}{109}$	$\frac{33}{109}$	$\Phi_{109}^{17}\ \Phi_{1}^{18}$
146692	1854	770	$\frac{7}{110}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{10}$	$\Phi_{770}^{3}\ \Phi_{385}^{3}\ \Phi_{154}^{3}\ \Phi_{77}^{3}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
146693	1854	136	$\frac{1}{34}$	$\frac{2}{17}$	$\frac{33}{136}$	$\frac{5}{17}$	$\Phi_{136}^{18}\ \Phi_{68}^{18}\ \Phi_{17}\ \Phi_{8}^{18}\ \Phi_{4}^{18}\ \Phi_{1}^{2}$
146694	1854	323	$\frac{14}{323}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{323}^{6}\ \Phi_{19}^{6}\ \Phi_{17}\ \Phi_{1}^{2}$
146695	1854	1836	$\frac{5}{108}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{108}^{2}\ \Phi_{68}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{17}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
146696	1854	119	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{16}{119}$	$\frac{5}{17}$	$\Phi_{119}^{18}\ \Phi_{17}\ \Phi_{7}^{18}\ \Phi_{1}^{2}$
146697	1854	340	$\frac{3}{34}$	$\frac{31}{340}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{340}^{6}\ \Phi_{170}^{6}\ \Phi_{85}^{6}\ \Phi_{68}^{6}\ \Phi_{20}^{6}\ \Phi_{17}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
146698	1854	2280	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{7}{24}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}$
146699	1854	2736	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{144}$	$\Phi_{2736}\ \Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
146700	1854	109	$\frac{6}{109}$	$\frac{13}{109}$	$\frac{16}{109}$	$\frac{31}{109}$	$\Phi_{109}^{17}\ \Phi_{1}^{18}$
146701	1854	425	$\frac{1}{17}$	$\frac{8}{85}$	$\frac{77}{425}$	$\frac{116}{425}$	$\Phi_{425}^{4}\ \Phi_{85}^{6}\ \Phi_{25}^{4}\ \Phi_{17}^{5}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
146702	1854	340	$\frac{1}{17}$	$\frac{31}{340}$	$\frac{16}{85}$	$\frac{23}{85}$	$\Phi_{340}^{6}\ \Phi_{170}^{6}\ \Phi_{85}^{4}\ \Phi_{68}^{6}\ \Phi_{34}^{6}\ \Phi_{20}^{6}\ \Phi_{17}^{3}\ \Phi_{10}^{6}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{4}$
146703	1854	109	$\frac{6}{109}$	$\frac{9}{109}$	$\frac{25}{109}$	$\frac{28}{109}$	$\Phi_{109}^{17}\ \Phi_{1}^{18}$
146704	1854	690	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{11}{46}$	$\frac{35}{138}$	$\Phi_{690}^{4}\ \Phi_{345}^{4}\ \Phi_{230}\ \Phi_{138}^{2}\ \Phi_{115}\ \Phi_{69}^{2}\ \Phi_{46}\ \Phi_{30}^{4}\ \Phi_{15}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
146705	1854	420	$\frac{2}{105}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{140}^{4}\ \Phi_{105}^{6}\ \Phi_{84}^{4}\ \Phi_{70}^{4}\ \Phi_{60}^{4}\ \Phi_{42}^{4}\ \Phi_{35}^{6}\ \Phi_{30}^{4}\ \Phi_{28}^{4}\ \Phi_{21}^{6}\ \Phi_{20}^{2}\ \Phi_{15}^{6}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{2}\ \Phi_{7}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
146706	1854	492	$\frac{1}{41}$	$\frac{20}{123}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{492}^{4}\ \Phi_{246}^{4}\ \Phi_{164}^{2}\ \Phi_{123}^{6}\ \Phi_{82}^{2}\ \Phi_{41}^{3}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
146707	1854	952	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{33}{136}$	$\frac{1}{4}$	$\Phi_{952}^{3}\ \Phi_{476}\ \Phi_{238}^{2}\ \Phi_{119}^{2}\ \Phi_{56}^{3}\ \Phi_{28}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
146708	1854	756	$\frac{5}{108}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{756}^{3}\ \Phi_{378}^{3}\ \Phi_{252}^{3}\ \Phi_{189}^{3}\ \Phi_{126}^{3}\ \Phi_{84}\ \Phi_{63}^{3}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
146709	1854	2280	$\frac{1}{19}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
146710	1854	476	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{476}^{5}\ \Phi_{238}^{5}\ \Phi_{68}^{6}\ \Phi_{34}^{6}\ \Phi_{28}^{6}\ \Phi_{14}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
146711	1854	2800	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{91}{400}$	$\Phi_{2800}\ \Phi_{1400}\ \Phi_{560}\ \Phi_{280}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{14}$
146712	1854	1190	$\frac{1}{17}$	$\frac{69}{595}$	$\frac{16}{85}$	$\frac{263}{1190}$	$\Phi_{1190}^{2}\ \Phi_{595}\ \Phi_{238}^{2}\ \Phi_{170}^{2}\ \Phi_{119}\ \Phi_{85}^{2}\ \Phi_{70}^{2}\ \Phi_{35}\ \Phi_{34}^{2}\ \Phi_{17}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
146713	1854	2432	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{25}{128}$	$\frac{7}{32}$	$\Phi_{2432}\ \Phi_{1216}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
146714	1854	350	$\frac{1}{10}$	$\frac{41}{350}$	$\frac{1}{7}$	$\frac{9}{50}$	$\Phi_{350}^{5}\ \Phi_{175}^{5}\ \Phi_{70}^{6}\ \Phi_{50}^{6}\ \Phi_{35}^{6}\ \Phi_{25}^{6}\ \Phi_{14}^{6}\ \Phi_{10}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
146715	1854	840	$\frac{1}{10}$	$\frac{17}{120}$	$\frac{1}{7}$	$\frac{3}{20}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{280}^{3}\ \Phi_{210}^{3}\ \Phi_{168}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{70}\ \Phi_{56}^{3}\ \Phi_{42}^{3}\ \Phi_{35}\ \Phi_{21}^{3}\ \Phi_{14}$
146716	1855	1480	$\frac{1}{370}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{369}{740}$	$\Phi_{1480}^{2}\ \Phi_{740}\ \Phi_{296}^{2}\ \Phi_{148}\ \Phi_{40}^{2}\ \Phi_{20}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
146717	1855	528	$\frac{1}{264}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{263}{528}$	$\Phi_{528}^{7}\ \Phi_{176}^{7}\ \Phi_{48}^{7}\ \Phi_{16}^{7}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
146718	1855	1584	$\frac{1}{264}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{263}{528}$	$\Phi_{1584}^{3}\ \Phi_{528}\ \Phi_{176}\ \Phi_{144}^{3}\ \Phi_{48}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
146719	1855	3296	$\frac{1}{206}$	$\frac{207}{1648}$	$\frac{1441}{3296}$	$\frac{205}{412}$	$\Phi_{3296}\ \Phi_{412}\ \Phi_{32}\ \Phi_{4}\ \Phi_{1}$
146720	1855	2472	$\frac{1}{206}$	$\frac{617}{2472}$	$\frac{207}{824}$	$\frac{205}{412}$	$\Phi_{2472}\ \Phi_{1236}\ \Phi_{618}\ \Phi_{412}\ \Phi_{309}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
146721	1855	738	$\frac{2}{369}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{367}{738}$	$\Phi_{738}^{2}\ \Phi_{369}^{3}\ \Phi_{246}^{2}\ \Phi_{123}^{3}\ \Phi_{82}^{2}\ \Phi_{41}^{3}\ \Phi_{18}^{2}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
146722	1855	1488	$\frac{1}{124}$	$\frac{1}{6}$	$\frac{125}{496}$	$\frac{123}{248}$	$\Phi_{1488}^2\ \Phi_{496}\ \Phi_{372}^2\ \Phi_{186}^2\ \Phi_{124}\ \Phi_{93}^2\ \Phi_{62}\ \Phi_{48}^2\ \Phi_{31}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
146723	1855	2208	$\frac{3}{368}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{365}{736}$	$\Phi_{2208}^2\ \Phi_{736}\ \Phi_{96}^2\ \Phi_{32}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
146724	1855	3672	$\frac{19}{1836}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{1817}{3672}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{216}\ \Phi_{136}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
146725	1855	3672	$\frac{19}{1836}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1817}{3672}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{216}\ \Phi_{136}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
146726	1855	2484	$\frac{8}{621}$	$\frac{1}{9}$	$\frac{629}{2484}$	$\frac{613}{1242}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{621}\ \Phi_{276}\ \Phi_{207}\ \Phi_{108}\ \Phi_{92}\ \Phi_{69}\ \Phi_{36}\ \Phi_{27}\ \Phi_{23}\ \Phi_{12}\ \Phi_4\ \Phi_1$
146727	1855	2232	$\frac{5}{372}$	$\frac{1}{6}$	$\frac{377}{2232}$	$\frac{367}{744}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{558}\ \Phi_{372}\ \Phi_{279}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{72}\ \Phi_{62}\ \Phi_{36}\ \Phi_{31}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
146728	1855	732	$\frac{5}{366}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{361}{732}$	$\Phi_{732}^5\ \Phi_{244}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
146729	1855	1768	$\frac{1}{52}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{51}{104}$	$\Phi_{1768}^2\ \Phi_{136}^2\ \Phi_{104}^3\ \Phi_{68}\ \Phi_8^3\ \Phi_4\ \Phi_1$
146730	1855	5304	$\frac{1}{52}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{51}{104}$	$\Phi_{5304}\ \Phi_{408}\ \Phi_{312}\ \Phi_{104}\ \Phi_{51}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
146731	1855	1768	$\frac{1}{52}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{51}{104}$	$\Phi_{1768}^2\ \Phi_{136}^2\ \Phi_{104}^3\ \Phi_{17}^2\ \Phi_8^3\ \Phi_1^3$
146732	1855	312	$\frac{1}{52}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{51}{104}$	$\Phi_{312}^6\ \Phi_{156}^8\ \Phi_{104}^3\ \Phi_{78}^8\ \Phi_{52}^4\ \Phi_{39}^8\ \Phi_{26}^4\ \Phi_{24}^8\ \Phi_{13}^4\ \Phi_{12}^{10}\ \Phi_8^4\ \Phi_6^9\ \Phi_4^5\ \Phi_3^9\ \Phi_2^4\ \Phi_1^5$
146733	1855	2072	$\frac{6}{259}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{253}{518}$	$\Phi_{2072}\ \Phi_{1036}\ \Phi_{296}\ \Phi_{259}\ \Phi_{148}\ \Phi_{56}^2\ \Phi_{37}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
146734	1855	304	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{39}{304}$	$\frac{37}{76}$	$\Phi_{304}^7\ \Phi_{152}^5\ \Phi_{76}^6\ \Phi_{38}^5\ \Phi_{19}^5\ \Phi_{16}^7\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
146735	1855	2652	$\frac{1}{34}$	$\frac{1}{26}$	$\frac{25}{78}$	$\frac{33}{68}$	$\Phi_{2652}^2\ \Phi_{204}^2\ \Phi_{156}^2\ \Phi_{78}\ \Phi_{68}\ \Phi_{39}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
146736	1855	952	$\frac{1}{34}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{952}^2\ \Phi_{476}^2\ \Phi_{238}^2\ \Phi_{136}^2\ \Phi_{119}^2\ \Phi_{68}\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4\ \Phi_1$
146737	1855	4420	$\frac{1}{34}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{33}{68}$	$\Phi_{4420}\ \Phi_{340}\ \Phi_{260}\ \Phi_{68}\ \Phi_{65}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
146738	1855	720	$\frac{11}{360}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{349}{720}$	$\Phi_{720}^5\ \Phi_{240}^5\ \Phi_{144}^5\ \Phi_{80}^5\ \Phi_{72}\ \Phi_{48}^5\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}^5\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
146739	1855	720	$\frac{11}{360}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{349}{720}$	$\Phi_{720}^5\ \Phi_{240}^5\ \Phi_{144}^5\ \Phi_{80}^5\ \Phi_{48}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
146740	1855	414	$\frac{8}{207}$	$\frac{43}{414}$	$\frac{1}{9}$	$\frac{199}{414}$	$\Phi_{414}^4\ \Phi_{207}^5\ \Phi_{138}^4\ \Phi_{69}^5\ \Phi_{46}^4\ \Phi_{23}^5\ \Phi_{18}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
146741	1855	612	$\frac{1}{36}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{204}^3\ \Phi_{153}^3\ \Phi_{102}^2\ \Phi_{68}^3\ \Phi_{51}^3\ \Phi_{36}^5\ \Phi_{34}^2\ \Phi_{18}^5\ \Phi_{17}^3\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
146742	1855	3564	$\frac{73}{1782}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1709}{3564}$	$\Phi_{3564}\ \Phi_{1188}\ \Phi_{396}\ \Phi_{324}\ \Phi_{132}\ \Phi_{108}\ \Phi_{81}\ \Phi_{44}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
146743	1855	504	$\frac{13}{252}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{239}{504}$	$\Phi_{504}^3\ \Phi_{252}^4\ \Phi_{168}^3\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{72}^3\ \Phi_{63}^4\ \Phi_{56}^5\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^6\ \Phi_{24}^3\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^5\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_7^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
146744	1855	72	$\frac{1}{36}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{72}^{35}\ \Phi_{36}^{17}\ \Phi_{24}^{35}\ \Phi_{18}^{16}\ \Phi_{12}^{17}\ \Phi_9^{16}\ \Phi_8^{35}\ \Phi_6^{16}\ \Phi_4^{17}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
146745	1855	2448	$\frac{19}{612}$	$\frac{1}{18}$	$\frac{593}{2448}$	$\frac{17}{36}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{144}\ \Phi_{136}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
146746	1855	1944	$\frac{89}{1944}$	$\frac{1}{18}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
146747	1855	594	$\frac{1}{54}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{594}^3\ \Phi_{297}^3\ \Phi_{198}^3\ \Phi_{99}^3\ \Phi_{66}^2\ \Phi_{54}^5\ \Phi_{33}^3\ \Phi_{27}^5\ \Phi_{22}^2\ \Phi_{18}^5\ \Phi_{11}^3\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
146748	1855	56	$\frac{3}{56}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{28}$	$\Phi_{56}^{33}\ \Phi_{28}^{34}\ \Phi_{14}^{33}\ \Phi_8^{32}\ \Phi_7^{33}\ \Phi_4^{33}\ \Phi_2^{32}\ \Phi_1^{33}$
146749	1855	1976	$\frac{1}{19}$	$\frac{18}{247}$	$\frac{1}{8}$	$\frac{229}{494}$	$\Phi_{1976}\ \Phi_{988}\ \Phi_{247}\ \Phi_{152}^2\ \Phi_{104}\ \Phi_{76}^2\ \Phi_{52}\ \Phi_{38}\ \Phi_{19}\ \Phi_{13}\ \Phi_8\ \Phi_4\ \Phi_1$
146750	1855	3456	$\frac{1}{18}$	$\frac{127}{1728}$	$\frac{17}{144}$	$\frac{1601}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
146751	1855	432	$\frac{1}{54}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{432}^6\ \Phi_{144}^6\ \Phi_{108}^6\ \Phi_{54}^5\ \Phi_{48}^5\ \Phi_{36}^6\ \Phi_{27}^5\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
146752	1855	384	$\frac{13}{384}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{384}^5\ \Phi_{192}^5\ \Phi_{128}^5\ \Phi_{96}^5\ \Phi_{64}^5\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
146753	1855	2046	$\frac{1}{31}$	$\frac{30}{341}$	$\frac{1}{6}$	$\frac{311}{682}$	$\Phi_{2046}\ \Phi_{1023}\ \Phi_{341}\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{66}\ \Phi_{62}\ \Phi_{33}\ \Phi_{31}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
146754	1855	1728	$\frac{1}{54}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{1728}^2\ \Phi_{576}^2\ \Phi_{192}^2\ \Phi_{108}^2\ \Phi_{64}\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
146755	1855	1944	$\frac{89}{1944}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{162}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
146756	1855	288	$\frac{1}{36}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{288}^{12}\ \Phi_{96}^{11}\ \Phi_{36}^5\ \Phi_{32}^{11}\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
146757	1855	3348	$\frac{5}{186}$	$\frac{181}{1674}$	$\frac{1}{6}$	$\frac{1493}{3348}$	$\Phi_{3348}\ \Phi_{1116}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{108}\ \Phi_{93}\ \Phi_{62}\ \Phi_{36}\ \Phi_{31}\ \Phi_{12}\ \Phi_4\ \Phi_1$
146758	1855	288	$\frac{1}{18}$	$\frac{23}{288}$	$\frac{17}{144}$	$\frac{127}{288}$	$\Phi_{288}^6\ \Phi_{144}^7\ \Phi_{96}^6\ \Phi_{72}^7\ \Phi_{48}^7\ \Phi_{36}^7\ \Phi_{32}^6\ \Phi_{24}^7\ \Phi_{18}^6\ \Phi_{16}^7\ \Phi_{12}^7\ \Phi_9^6\ \Phi_8^7\ \Phi_6^6\ \Phi_4^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
146759	1855	3312	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{199}{1656}$	$\frac{1457}{3312}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{207}\ \Phi_{144}\ \Phi_{69}\ \Phi_{48}\ \Phi_{23}\ \Phi_{16}\ \Phi_1$
146760	1855	468	$\frac{1}{18}$	$\frac{17}{234}$	$\frac{31}{234}$	$\frac{203}{468}$	$\Phi_{468}^7\ \Phi_{234}\ \Phi_{156}^7\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}^7\ \Phi_{39}\ \Phi_{36}^7\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}^7\ \Phi_4^7\ \Phi_1$
146761	1855	456	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{37}{228}$	$\frac{191}{456}$	$\Phi_{456}^3\ \Phi_{228}^4\ \Phi_{152}^5\ \Phi_{114}^4\ \Phi_{76}^6\ \Phi_{57}^4\ \Phi_{38}^5\ \Phi_{24}^3\ \Phi_{19}^5\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
146762	1855	1068	$\frac{2}{267}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{1068}^3\ \Phi_{356}^3\ \Phi_{267}\ \Phi_{89}\ \Phi_{12}\ \Phi_4\ \Phi_1$
146763	1855	396	$\frac{1}{132}$	$\frac{1}{6}$	$\frac{131}{396}$	$\frac{5}{12}$	$\Phi_{396}^7\ \Phi_{198}^7\ \Phi_{99}^7\ \Phi_{36}^7\ \Phi_{18}^7\ \Phi_{12}\ \Phi_9^7\ \Phi_4\ \Phi_1$
146764	1855	1872	$\frac{17}{1872}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
146765	1855	804	$\frac{3}{268}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{804}^2\ \Phi_{402}^2\ \Phi_{268}^3\ \Phi_{201}^2\ \Phi_{134}^3\ \Phi_{67}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
146766	1855	1056	$\frac{1}{88}$	$\frac{1}{6}$	$\frac{87}{352}$	$\frac{5}{12}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^3\ \Phi_{176}^3\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
146767	1855	132	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{13}{66}$	$\frac{5}{12}$	$\Phi_{132}^{24}\ \Phi_{66}^4\ \Phi_{44}^{24}\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{12}^{25}\ \Phi_{11}^4\ \Phi_6^4\ \Phi_4^{25}\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
146768	1855	108	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{108}^{30}\ \Phi_{54}^5\ \Phi_{36}^{30}\ \Phi_{27}^5\ \Phi_{18}^5\ \Phi_{12}^{25}\ \Phi_9^5\ \Phi_6^4\ \Phi_4^{25}\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
146769	1855	924	$\frac{1}{44}$	$\frac{43}{308}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^3\ \Phi_{231}^2\ \Phi_{154}^3\ \Phi_{84}^2\ \Phi_{77}^3\ \Phi_{42}^2\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}\ \Phi_7^3\ \Phi_4\ \Phi_1$
146770	1855	816	$\frac{7}{272}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^3\ \Phi_{204}^2\ \Phi_{136}^3\ \Phi_{102}^2\ \Phi_{68}^3\ \Phi_{51}^2\ \Phi_{48}^2\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
146771	1855	2112	$\frac{7}{264}$	$\frac{257}{2112}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{192}\ \Phi_{176}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
146772	1855	180	$\frac{1}{36}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}^{11}\ \Phi_{45}^{12}\ \Phi_{36}^5\ \Phi_{30}^{11}\ \Phi_{20}^{11}\ \Phi_{18}^5\ \Phi_{15}^{11}\ \Phi_{12}^5\ \Phi_{10}^{11}\ \Phi_9^5\ \Phi_6^4\ \Phi_5^{11}\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
146773	1855	1188	$\frac{1}{33}$	$\frac{32}{297}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1188}^3\ \Phi_{396}^3\ \Phi_{297}\ \Phi_{108}^3\ \Phi_{99}\ \Phi_{36}^3\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
146774	1855	660	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{660}^5\ \Phi_{220}^5\ \Phi_{132}^4\ \Phi_{60}^5\ \Phi_{55}^5\ \Phi_{44}^4\ \Phi_{20}^5\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_5^5\ \Phi_4^5\ \Phi_1^5$
146775	1855	276	$\frac{11}{276}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{276}^7\ \Phi_{138}^7\ \Phi_{92}^7\ \Phi_{69}^7\ \Phi_{46}^7\ \Phi_{23}^7\ \Phi_{12}\ \Phi_4\ \Phi_1$
146776	1855	288	$\frac{1}{24}$	$\frac{23}{288}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}^7\ \Phi_{72}^7\ \Phi_{48}^7\ \Phi_{36}^7\ \Phi_{32}^7\ \Phi_{18}^7\ \Phi_{16}^7\ \Phi_{12}\ \Phi_9^7\ \Phi_4\ \Phi_1$
146777	1855	1716	$\frac{1}{22}$	$\frac{21}{286}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1716}^2\ \Phi_{572}^2\ \Phi_{286}\ \Phi_{156}^2\ \Phi_{143}\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
146778	1855	396	$\frac{7}{132}$	$\frac{25}{396}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{396}^5\ \Phi_{198}^5\ \Phi_{132}^4\ \Phi_{99}^5\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{36}^5\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
146779	1855	180	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{180}^9\ \Phi_{90}^8\ \Phi_{60}^9\ \Phi_{45}^9\ \Phi_{36}^{17}\ \Phi_{30}^8\ \Phi_{20}^9\ \Phi_{18}^{16}\ \Phi_{15}^9\ \Phi_{12}^{17}\ \Phi_{10}^8\ \Phi_9^{16}\ \Phi_6^{16}\ \Phi_5^9\ \Phi_4^{17}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
146780	1855	1860	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{61}{310}$	$\frac{249}{620}$	$\Phi_{1860}^2\ \Phi_{620}\ \Phi_{372}^2\ \Phi_{186}^2\ \Phi_{124}\ \Phi_{93}^2\ \Phi_{62}\ \Phi_{60}^2\ \Phi_{31}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
146781	1855	2976	$\frac{5}{372}$	$\frac{1}{6}$	$\frac{367}{1488}$	$\frac{1121}{2976}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{96}\ \Phi_{93}\ \Phi_{62}\ \Phi_{32}\ \Phi_{31}\ \Phi_{12}\ \Phi_4\ \Phi_1$
146782	1855	4440	$\frac{1}{185}$	$\frac{1}{4}$	$\frac{184}{555}$	$\frac{3}{8}$	$\Phi_{4440}\ \Phi_{888}\ \Phi_{555}\ \Phi_{120}\ \Phi_{111}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
146783	1855	3000	$\frac{4}{375}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{375}\ \Phi_{200}\ \Phi_{125}\ \Phi_{120}\ \Phi_{75}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
146784	1855	1128	$\frac{5}{376}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1128}^2\ \Phi_{564}^2\ \Phi_{376}\ \Phi_{282}^2\ \Phi_{188}\ \Phi_{141}^2\ \Phi_{94}\ \Phi_{47}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
146785	1855	888	$\frac{1}{74}$	$\frac{73}{444}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{888}^4\ \Phi_{444}\ \Phi_{296}^2\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{24}^4\ \Phi_{12}\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
146786	1855	1480	$\frac{3}{185}$	$\frac{26}{185}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1480}^2\ \Phi_{296}^2\ \Phi_{185}^2\ \Phi_{40}^2\ \Phi_{37}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_1^3$
146787	1855	216	$\frac{1}{54}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{216}^8\ \Phi_{108}^{10}\ \Phi_{72}^8\ \Phi_{54}^9\ \Phi_{36}^{10}\ \Phi_{27}^9\ \Phi_{24}^8\ \Phi_{18}^9\ \Phi_{12}^{10}\ \Phi_9^9\ \Phi_8^4\ \Phi_6^9\ \Phi_4^5\ \Phi_3^9\ \Phi_2^4\ \Phi_1^5$
146788	1855	760	$\frac{9}{380}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{760}^4\ \Phi_{380}\ \Phi_{190}\ \Phi_{152}^4\ \Phi_{95}\ \Phi_{76}\ \Phi_{40}^2\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_8^3\ \Phi_4\ \Phi_1$
146789	1855	3256	$\frac{1}{37}$	$\frac{36}{407}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3256}\ \Phi_{407}\ \Phi_{88}\ \Phi_{11}\ \Phi_8\ \Phi_1$
146790	1855	412	$\frac{3}{206}$	$\frac{29}{206}$	$\frac{59}{206}$	$\frac{147}{412}$	$\Phi_{412}^7\ \Phi_{206}^2\ \Phi_{103}^2\ \Phi_4^7\ \Phi_2^2\ \Phi_1^3$
146791	1855	54	$\frac{1}{54}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{54}^{34}\ \Phi_{27}^{35}\ \Phi_{18}^{34}\ \Phi_9^{34}\ \Phi_6^{34}\ \Phi_3^{34}\ \Phi_2^{34}\ \Phi_1^{35}$
146792	1855	2808	$\frac{17}{468}$	$\frac{1}{18}$	$\frac{451}{1404}$	$\frac{953}{2808}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{216}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
146793	1855	558	$\frac{1}{93}$	$\frac{1}{6}$	$\frac{92}{279}$	$\frac{187}{558}$	$\Phi_{558}^2\ \Phi_{279}^3\ \Phi_{186}^5\ \Phi_{93}^5\ \Phi_{62}^5\ \Phi_{31}^5\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
146794	1855	801	$\frac{2}{267}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{801}^3\ \Phi_{267}\ \Phi_{89}\ \Phi_9\ \Phi_1$
146795	1855	396	$\frac{1}{132}$	$\frac{2}{9}$	$\frac{131}{396}$	$\frac{1}{3}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^6\ \Phi_{99}^4\ \Phi_{66}^6\ \Phi_{44}^6\ \Phi_{36}^4\ \Phi_{33}^6\ \Phi_{22}^6\ \Phi_{18}^4\ \Phi_{12}^6\ \Phi_{11}^6\ \Phi_9^5\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
146796	1855	2412	$\frac{3}{268}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2412}\ \Phi_{1206}\ \Phi_{603}\ \Phi_{268}\ \Phi_{134}\ \Phi_{67}\ \Phi_9\ \Phi_1$
146797	1855	3168	$\frac{1}{88}$	$\frac{2}{9}$	$\frac{87}{352}$	$\frac{1}{3}$	$\Phi_{3168}\ \Phi_{1584}\ \Phi_{352}\ \Phi_{288}\ \Phi_{176}\ \Phi_{144}\ \Phi_{32}\ \Phi_{16}\ \Phi_9\ \Phi_1$
146798	1855	492	$\frac{2}{123}$	$\frac{1}{6}$	$\frac{121}{492}$	$\frac{1}{3}$	$\Phi_{492}^5\ \Phi_{246}^2\ \Phi_{164}^5\ \Phi_{123}^3\ \Phi_{82}^2\ \Phi_{41}^3\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
146799	1855	198	$\frac{1}{66}$	$\frac{13}{66}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{198}^{12}\ \Phi_{99}^{12}\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{18}^{12}\ \Phi_{11}^4\ \Phi_9^{13}\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
146800	1855	54	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{54}^{35}\ \Phi_{27}^{35}\ \Phi_{18}^{32}\ \Phi_9^{33}\ \Phi_6^{34}\ \Phi_3^{34}\ \Phi_2^{34}\ \Phi_1^{35}$
146801	1855	2772	$\frac{1}{44}$	$\frac{43}{308}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{308}\ \Phi_{252}\ \Phi_{154}\ \Phi_{126}\ \Phi_{77}\ \Phi_{63}\ \Phi_{28}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
146802	1855	2448	$\frac{7}{272}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{272}\ \Phi_{153}\ \Phi_{144}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_9\ \Phi_1$
146803	1855	297	$\frac{1}{33}$	$\frac{32}{297}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{297}^7\ \Phi_{99}^4\ \Phi_{33}^6\ \Phi_{27}^7\ \Phi_{11}^6\ \Phi_9^5\ \Phi_3^6\ \Phi_1^7$
146804	1855	495	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{495}^5\ \Phi_{99}^4\ \Phi_{55}^5\ \Phi_{45}^5\ \Phi_{11}^4\ \Phi_9^5\ \Phi_5^5\ \Phi_1^5$
146805	1855	828	$\frac{11}{276}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{828}^3\ \Phi_{414}^3\ \Phi_{276}\ \Phi_{207}^3\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_9\ \Phi_1$
146806	1855	288	$\frac{1}{24}$	$\frac{23}{288}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}^7\ \Phi_{72}^4\ \Phi_{48}^7\ \Phi_{36}^4\ \Phi_{32}^7\ \Phi_{24}^6\ \Phi_{18}^4\ \Phi_{16}^7\ \Phi_{12}^6\ \Phi_9^5\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
146807	1855	2574	$\frac{1}{22}$	$\frac{21}{286}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{286}\ \Phi_{234}\ \Phi_{143}\ \Phi_{117}\ \Phi_{26}\ \Phi_{13}\ \Phi_9\ \Phi_1$
146808	1855	552	$\frac{3}{184}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{181}{552}$	$\Phi_{552}^3\ \Phi_{276}^3\ \Phi_{184}^4\ \Phi_{138}^3\ \Phi_{92}^4\ \Phi_{69}^3\ \Phi_{46}^4\ \Phi_{24}^3\ \Phi_{23}^4\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
146809	1855	2754	$\frac{19}{918}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{899}{2754}$	$\Phi_{2754}\ \Phi_{1377}\ \Phi_{162}\ \Phi_{81}\ \Phi_{27}\ \Phi_1$
146810	1855	1368	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{77}{342}$	$\frac{37}{114}$	$\Phi_{1368}^2\ \Phi_{684}^2\ \Phi_{342}\ \Phi_{171}\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{72}^2\ \Phi_{38}\ \Phi_{36}^2\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
146811	1855	2232	$\frac{5}{186}$	$\frac{1}{6}$	$\frac{377}{2232}$	$\frac{181}{558}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{744}\ \Phi_{372}\ \Phi_{248}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{72}\ \Phi_{62}\ \Phi_{36}\ \Phi_{31}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
146812	1855	1326	$\frac{1}{26}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{25}{78}$	$\Phi_{1326}\ \Phi_{663}\ \Phi_{442}^2\ \Phi_{221}^2\ \Phi_{102}\ \Phi_{78}^2\ \Phi_{51}^2\ \Phi_{39}^2\ \Phi_{34}^2\ \Phi_{26}^2\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
146813	1855	1326	$\frac{1}{26}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{25}{78}$	$\Phi_{1326}^2\ \Phi_{663}^2\ \Phi_{102}^2\ \Phi_{78}^3\ \Phi_{51}^2\ \Phi_{39}^3\ \Phi_{17}^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
146814	1855	312	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{25}{78}$	$\Phi_{312}^6\ \Phi_{156}^6\ \Phi_{104}^8\ \Phi_{78}^3\ \Phi_{52}^8\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{24}^8\ \Phi_{13}^4\ \Phi_{12}^8\ \Phi_8^9\ \Phi_4^6\ \Phi_4^9\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
146815	1855	2856	$\frac{3}{56}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{408}\ \Phi_{357}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{51}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_3\ \Phi_1$
146816	1855	3315	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{16}{51}$	$\Phi_{3315}\ \Phi_{255}\ \Phi_{195}\ \Phi_{65}\ \Phi_{51}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1$
146817	1855	540	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{169}{540}$	$\Phi_{540}^5\ \Phi_{270}^5\ \Phi_{135}^5\ \Phi_{108}^5\ \Phi_{54}^5\ \Phi_{27}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
146818	1855	1176	$\frac{1}{14}$	$\frac{29}{294}$	$\frac{1}{8}$	$\frac{13}{42}$	$\Phi_{1176}^{2}\,\Phi_{588}^{2}\,\Phi_{392}^{2}\,\Phi_{294}\,\Phi_{196}^{2}\,\Phi_{147}\,\Phi_{98}\,\Phi_{56}^{2}\,\Phi_{49}\,\Phi_{28}^{2}\,\Phi_{14}\,\Phi_{8}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
146819	1855	2673	$\frac{73}{891}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{818}{2673}$	$\Phi_{2673}\,\Phi_{243}\,\Phi_{81}\,\Phi_{27}\,\Phi_{1}$
146820	1855	396	$\frac{25}{396}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{36}$	$\Phi_{396}^{5}\,\Phi_{198}^{5}\,\Phi_{132}^{5}\,\Phi_{99}^{5}\,\Phi_{66}^{5}\,\Phi_{44}^{5}\,\Phi_{33}^{5}\,\Phi_{22}^{5}\,\Phi_{12}^{5}\,\Phi_{11}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
146821	1855	1512	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{8}$	$\frac{113}{378}$	$\Phi_{1512}^{2}\,\Phi_{756}^{2}\,\Phi_{378}\,\Phi_{216}^{2}\,\Phi_{189}\,\Phi_{108}^{2}\,\Phi_{56}^{2}\,\Phi_{54}\,\Phi_{28}^{2}\,\Phi_{27}\,\Phi_{14}\,\Phi_{8}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
146822	1855	459	$\frac{19}{459}$	$\frac{1}{9}$	$\frac{88}{459}$	$\frac{8}{27}$	$\Phi_{459}^{4}\,\Phi_{153}^{4}\,\Phi_{51}^{4}\,\Phi_{27}^{5}\,\Phi_{17}^{4}\,\Phi_{9}^{4}\,\Phi_{3}^{4}\,\Phi_{1}^{5}$
146823	1855	1944	$\frac{89}{1944}$	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{1944}\,\Phi_{972}\,\Phi_{648}\,\Phi_{486}\,\Phi_{324}\,\Phi_{243}\,\Phi_{216}\,\Phi_{162}\,\Phi_{81}\,\Phi_{72}\,\Phi_{27}\,\Phi_{24}\,\Phi_{8}\,\Phi_{1}$
146824	1855	432	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{61}{432}$	$\frac{127}{432}$	$\Phi_{432}^{4}\,\Phi_{216}^{4}\,\Phi_{144}^{5}\,\Phi_{108}^{4}\,\Phi_{72}^{5}\,\Phi_{54}^{4}\,\Phi_{48}^{5}\,\Phi_{36}^{5}\,\Phi_{27}^{4}\,\Phi_{24}^{5}\,\Phi_{18}^{4}\,\Phi_{16}^{5}\,\Phi_{12}^{5}\,\Phi_{9}^{4}\,\Phi_{8}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
146825	1855	56	$\frac{3}{56}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{56}^{33}\,\Phi_{28}^{33}\,\Phi_{14}^{33}\,\Phi_{8}^{32}\,\Phi_{7}^{35}\,\Phi_{4}^{32}\,\Phi_{2}^{32}\,\Phi_{1}^{35}$
146826	1855	2592	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{127}{864}$	$\frac{737}{2592}$	$\Phi_{2592}\,\Phi_{1296}\,\Phi_{648}\,\Phi_{324}\,\Phi_{162}\,\Phi_{144}\,\Phi_{81}\,\Phi_{72}\,\Phi_{48}\,\Phi_{36}\,\Phi_{24}\,\Phi_{16}\,\Phi_{12}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
146827	1855	432	$\frac{1}{54}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{432}^{4}\,\Phi_{216}^{4}\,\Phi_{144}^{4}\,\Phi_{108}^{6}\,\Phi_{72}^{4}\,\Phi_{54}^{5}\,\Phi_{48}^{3}\,\Phi_{36}^{6}\,\Phi_{27}^{5}\,\Phi_{24}^{3}\,\Phi_{18}^{5}\,\Phi_{16}^{4}\,\Phi_{12}^{5}\,\Phi_{9}^{5}\,\Phi_{8}^{4}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
146828	1855	72	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{72}^{23}\,\Phi_{36}^{28}\,\Phi_{24}^{24}\,\Phi_{18}^{28}\,\Phi_{12}^{29}\,\Phi_{9}^{28}\,\Phi_{8}^{24}\,\Phi_{6}^{28}\,\Phi_{4}^{29}\,\Phi_{3}^{28}\,\Phi_{2}^{28}\,\Phi_{1}^{29}$
146829	1855	2484	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{199}{828}$	$\frac{629}{2484}$	$\Phi_{2484}\,\Phi_{1242}\,\Phi_{621}\,\Phi_{207}\,\Phi_{108}\,\Phi_{69}\,\Phi_{54}\,\Phi_{27}\,\Phi_{23}\,\Phi_{1}$
146830	1855	1380	$\frac{3}{92}$	$\frac{1}{6}$	$\frac{89}{460}$	$\frac{1}{4}$	$\Phi_{1380}^{2}\,\Phi_{690}^{2}\,\Phi_{460}\,\Phi_{345}^{2}\,\Phi_{230}\,\Phi_{115}\,\Phi_{60}^{2}\,\Phi_{30}^{2}\,\Phi_{20}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
146831	1855	384	$\frac{13}{384}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{384}^{5}\,\Phi_{192}^{5}\,\Phi_{128}^{5}\,\Phi_{96}^{5}\,\Phi_{64}^{5}\,\Phi_{48}^{3}\,\Phi_{32}^{5}\,\Phi_{24}^{3}\,\Phi_{16}^{4}\,\Phi_{12}^{5}\,\Phi_{8}^{4}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
146832	1855	952	$\frac{3}{56}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{952}^{2}\,\Phi_{476}^{2}\,\Phi_{238}^{2}\,\Phi_{136}^{2}\,\Phi_{119}^{2}\,\Phi_{56}^{3}\,\Phi_{28}^{3}\,\Phi_{17}^{2}\,\Phi_{14}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{1}^{3}$
146833	1855	168	$\frac{3}{56}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{168}^{14}\,\Phi_{84}^{14}\,\Phi_{56}^{7}\,\Phi_{42}^{14}\,\Phi_{28}^{7}\,\Phi_{24}^{8}\,\Phi_{21}^{14}\,\Phi_{14}^{7}\,\Phi_{12}^{10}\,\Phi_{8}^{4}\,\Phi_{7}^{9}\,\Phi_{6}^{9}\,\Phi_{4}^{5}\,\Phi_{3}^{9}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
146834	1855	432	$\frac{1}{18}$	$\frac{61}{432}$	$\frac{11}{72}$	$\frac{17}{72}$	$\Phi_{432}^{5}\,\Phi_{216}^{5}\,\Phi_{144}^{5}\,\Phi_{108}^{5}\,\Phi_{72}\,\Phi_{54}^{5}\,\Phi_{48}^{5}\,\Phi_{36}\,\Phi_{27}^{5}\,\Phi_{24}\,\Phi_{16}^{5}\,\Phi_{12}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
146835	1855	480	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{6}$	$\frac{109}{480}$	$\Phi_{480}^{5}\,\Phi_{240}^{5}\,\Phi_{160}^{5}\,\Phi_{96}^{5}\,\Phi_{80}^{5}\,\Phi_{48}^{5}\,\Phi_{32}^{5}\,\Phi_{16}^{5}\,\Phi_{12}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
146836	1855	2304	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{449}{2304}$	$\frac{127}{576}$	$\Phi_{2304}\,\Phi_{1152}\,\Phi_{768}\,\Phi_{384}\,\Phi_{256}\,\Phi_{144}\,\Phi_{128}\,\Phi_{72}\,\Phi_{48}\,\Phi_{36}\,\Phi_{24}\,\Phi_{16}\,\Phi_{12}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
146837	1855	336	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{84}$	$\frac{71}{336}$	$\Phi_{336}^{7}\,\Phi_{168}^{3}\,\Phi_{112}^{7}\,\Phi_{84}^{4}\,\Phi_{56}^{5}\,\Phi_{48}^{7}\,\Phi_{42}^{4}\,\Phi_{28}^{6}\,\Phi_{24}^{3}\,\Phi_{21}^{4}\,\Phi_{16}^{7}\,\Phi_{14}^{5}\,\Phi_{12}^{4}\,\Phi_{8}^{4}\,\Phi_{7}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
146838	1855	195	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{12}{65}$	$\frac{1}{5}$	$\Phi_{195}^{10}\,\Phi_{65}^{7}\,\Phi_{39}^{13}\,\Phi_{15}^{10}\,\Phi_{13}^{9}\,\Phi_{5}^{6}\,\Phi_{3}^{13}\,\Phi_{1}^{9}$
146839	1855	1105	$\frac{1}{13}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{12}{65}$	$\Phi_{1105}^{2}\,\Phi_{85}^{2}\,\Phi_{65}^{3}\,\Phi_{17}^{2}\,\Phi_{5}^{3}\,\Phi_{1}^{3}$
146840	1855	1560	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{12}{65}$	$\Phi_{1560}^{2}\,\Phi_{780}^{2}\,\Phi_{520}\,\Phi_{390}\,\Phi_{260}\,\Phi_{195}\,\Phi_{120}^{2}\,\Phi_{65}\,\Phi_{60}^{2}\,\Phi_{40}\,\Phi_{30}\,\Phi_{24}^{2}\,\Phi_{20}\,\Phi_{15}\,\Phi_{12}^{2}\,\Phi_{8}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
146841	1855	60	$\frac{1}{12}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{11}{60}$	$\Phi_{60}^{30}\,\Phi_{30}^{30}\,\Phi_{20}^{30}\,\Phi_{15}^{35}\,\Phi_{12}^{35}\,\Phi_{10}^{30}\,\Phi_{6}^{34}\,\Phi_{5}^{30}\,\Phi_{4}^{35}\,\Phi_{3}^{34}\,\Phi_{2}^{34}\,\Phi_{1}^{35}$
146842	1855	432	$\frac{1}{12}$	$\frac{61}{432}$	$\frac{11}{72}$	$\frac{1}{6}$	$\Phi_{432}^{5}\,\Phi_{216}^{5}\,\Phi_{144}^{5}\,\Phi_{108}^{5}\,\Phi_{54}^{5}\,\Phi_{48}^{5}\,\Phi_{27}^{5}\,\Phi_{16}^{5}\,\Phi_{12}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
146843	1856	1389	$\frac{1}{463}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{231}{463}$	$\Phi_{1389}\,\Phi_{463}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{4}$
146844	1856	371	$\frac{1}{371}$	$\frac{93}{371}$	$\frac{139}{371}$	$\frac{185}{371}$	$\Phi_{371}^{5}\,\Phi_{53}^{5}\,\Phi_{7}^{5}\,\Phi_{1}^{6}$
146845	1856	2787	$\frac{3}{929}$	$\frac{233}{929}$	$\frac{1}{3}$	$\frac{463}{929}$	Φ_{2787}
146846	1856	925	$\frac{3}{925}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{461}{925}$	$\Phi_{925}^{2}\,\Phi_{185}^{2}\,\Phi_{37}^{2}\,\Phi_{25}^{2}\,\Phi_{5}^{3}\,\Phi_{1}^{4}$
146847	1856	795	$\frac{1}{265}$	$\frac{133}{795}$	$\frac{331}{795}$	$\frac{132}{265}$	$\Phi_{795}^{2}\,\Phi_{265}^{3}\,\Phi_{159}^{2}\,\Phi_{53}^{3}\,\Phi_{15}^{2}\,\Phi_{5}^{3}\,\Phi_{3}^{2}\,\Phi_{1}^{4}$
146848	1856	231	$\frac{1}{231}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{115}{231}$	$\Phi_{231}^{8}\,\Phi_{77}^{8}\,\Phi_{33}^{8}\,\Phi_{21}^{8}\,\Phi_{11}^{8}\,\Phi_{7}^{9}\,\Phi_{3}^{8}\,\Phi_{1}^{10}$
146849	1856	1155	$\frac{1}{231}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{115}{231}$	$\Phi_{1155}^{2}\,\Phi_{385}^{2}\,\Phi_{165}^{2}\,\Phi_{105}^{2}\,\Phi_{55}^{2}\,\Phi_{35}^{2}\,\Phi_{15}^{3}\,\Phi_{5}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
146850	1856	1855	$\frac{9}{1855}$	$\frac{233}{1855}$	$\frac{811}{1855}$	$\frac{923}{1855}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{265}\ \Phi_{53}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
146851	1856	1845	$\frac{11}{1845}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{917}{1845}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{369}\ \Phi_{205}\ \Phi_{123}\ \Phi_{45}\ \Phi_{41}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
146852	1856	155	$\frac{1}{155}$	$\frac{1}{5}$	$\frac{39}{155}$	$\frac{77}{155}$	$\Phi_{155}^{12}\ \Phi_{31}^{12}\ \Phi_{5}^{11}\ \Phi_{1}^{12}$
146853	1856	1855	$\frac{13}{1855}$	$\frac{347}{1855}$	$\frac{467}{1855}$	$\frac{921}{1855}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{265}\ \Phi_{53}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
146854	1856	2787	$\frac{7}{929}$	$\frac{117}{929}$	$\frac{1}{3}$	$\frac{461}{929}$	Φ_{2787}
146855	1856	345	$\frac{1}{115}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{57}{115}$	$\Phi_{345}^{5}\ \Phi_{115}^{6}\ \Phi_{69}^{5}\ \Phi_{23}^{6}\ \Phi_{15}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
146856	1856	1035	$\frac{1}{115}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{57}{115}$	$\Phi_{1035}^{2}\ \Phi_{345}\ \Phi_{207}^{2}\ \Phi_{115}^{2}\ \Phi_{69}\ \Phi_{45}^{2}\ \Phi_{23}^{2}\ \Phi_{15}\ \Phi_{9}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
146857	1856	115	$\frac{1}{115}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{57}{115}$	$\Phi_{115}^{16}\ \Phi_{23}^{16}\ \Phi_{5}^{19}\ \Phi_{1}^{20}$
146858	1856	1855	$\frac{17}{1855}$	$\frac{117}{1855}$	$\frac{869}{1855}$	$\frac{919}{1855}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{265}\ \Phi_{53}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
146859	1856	1395	$\frac{1}{93}$	$\frac{47}{279}$	$\frac{1}{5}$	$\frac{46}{93}$	$\Phi_{1395}^{2}\ \Phi_{465}\ \Phi_{155}\ \Phi_{45}^{2}\ \Phi_{15}$
146860	1856	2097	$\frac{3}{233}$	$\frac{1}{9}$	$\frac{59}{233}$	$\frac{115}{233}$	$\Phi_{2097}\ \Phi_{699}$
146861	1856	371	$\frac{5}{371}$	$\frac{47}{371}$	$\frac{81}{371}$	$\frac{183}{371}$	$\Phi_{371}^{5}\ \Phi_{53}^{5}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
146862	1856	915	$\frac{13}{915}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{451}{915}$	$\Phi_{915}^{2}\ \Phi_{305}^{2}\ \Phi_{183}^{2}\ \Phi_{61}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
146863	1856	465	$\frac{7}{465}$	$\frac{59}{465}$	$\frac{1}{5}$	$\frac{229}{465}$	$\Phi_{465}^{4}\ \Phi_{155}^{4}\ \Phi_{93}^{4}\ \Phi_{31}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
146864	1856	1855	$\frac{29}{1855}$	$\frac{173}{1855}$	$\frac{471}{1855}$	$\frac{913}{1855}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{265}\ \Phi_{53}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
146865	1856	504	$\frac{1}{63}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{31}{63}$	$\Phi_{504}^{7}\ \Phi_{168}^{7}\ \Phi_{72}^{7}\ \Phi_{63}\ \Phi_{56}^{8}\ \Phi_{24}^{7}\ \Phi_{21}\ \Phi_{9}\ \Phi_{8}^{8}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
146866	1856	126	$\frac{1}{63}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{31}{63}$	$\Phi_{126}^{14}\ \Phi_{63}^{15}\ \Phi_{42}^{15}\ \Phi_{21}^{16}\ \Phi_{18}^{14}\ \Phi_{14}^{14}\ \Phi_{9}^{15}\ \Phi_{7}^{15}\ \Phi_{6}^{15}\ \Phi_{3}^{16}\ \Phi_{2}^{14}\ \Phi_{1}^{16}$
146867	1856	2016	$\frac{1}{63}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{31}{63}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}$ $\Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}^{2}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
146868	1856	315	$\frac{1}{63}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{31}{63}$	$\Phi_{315}^{7}\ \Phi_{105}^{7}\ \Phi_{63}\ \Phi_{45}^{7}\ \Phi_{35}^{8}\ \Phi_{21}\ \Phi_{15}^{7}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}^{8}\ \Phi_{3}\ \Phi_{1}^{2}$
146869	1856	2787	$\frac{15}{929}$	$\frac{59}{929}$	$\frac{1}{3}$	$\frac{457}{929}$	Φ_{2787}
146870	1856	1767	$\frac{1}{57}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{28}{57}$	$\Phi_{1767}\ \Phi_{589}\ \Phi_{93}\ \Phi_{57}^{2}\ \Phi_{31}^{2}\ \Phi_{19}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
146871	1856	969	$\frac{1}{57}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{28}{57}$	$\Phi_{969}^{2}\ \Phi_{323}^{2}\ \Phi_{51}^{3}\ \Phi_{17}^{2}$
146872	1856	1767	$\frac{1}{57}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{28}{57}$	$\Phi_{1767}\ \Phi_{589}\ \Phi_{93}\ \Phi_{57}^{2}\ \Phi_{31}^{2}\ \Phi_{19}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
146873	1856	855	$\frac{1}{57}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{28}{57}$	$\Phi_{855}^{3}\ \Phi_{285}^{2}\ \Phi_{95}^{2}\ \Phi_{45}^{4}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
146874	1856	1855	$\frac{33}{1855}$	$\frac{59}{1855}$	$\frac{898}{1855}$	$\frac{911}{1855}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{265}\ \Phi_{53}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
146875	1856	901	$\frac{1}{53}$	$\frac{27}{901}$	$\frac{437}{901}$	$\frac{26}{53}$	$\Phi_{901}^{2}\ \Phi_{53}^{3}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
146876	1856	455	$\frac{9}{455}$	$\frac{1}{35}$	$\frac{17}{35}$	$\frac{223}{455}$	$\Phi_{455}^{4}\ \Phi_{91}^{4}\ \Phi_{65}^{4}\ \Phi_{35}^{5}\ \Phi_{13}^{4}\ \Phi_{7}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
146877	1856	133	$\frac{3}{133}$	$\frac{17}{133}$	$\frac{1}{7}$	$\frac{65}{133}$	$\Phi_{133}^{14}\ \Phi_{19}^{14}\ \Phi_{7}^{13}\ \Phi_{1}^{14}$
146878	1856	1813	$\frac{43}{1813}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{885}{1813}$	$\Phi_{1813}\ \Phi_{259}\ \Phi_{49}^{2}\ \Phi_{37}\ \Phi_{7}\ \Phi_{1}^{2}$
146879	1856	663	$\frac{1}{39}$	$\frac{1}{17}$	$\frac{10}{39}$	$\frac{19}{39}$	$\Phi_{663}^{3}\ \Phi_{221}^{3}\ \Phi_{51}^{3}\ \Phi_{17}^{2}$
146880	1856	265	$\frac{7}{265}$	$\frac{17}{265}$	$\frac{62}{265}$	$\frac{129}{265}$	$\Phi_{265}^{7}\ \Phi_{53}^{7}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
146881	1856	265	$\frac{7}{265}$	$\frac{33}{265}$	$\frac{34}{265}$	$\frac{129}{265}$	$\Phi_{265}^{7}\ \Phi_{53}^{7}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
146882	1856	1365	$\frac{1}{35}$	$\frac{18}{455}$	$\frac{437}{1365}$	$\frac{17}{35}$	$\Phi_{1365}^{2}\ \Phi_{273}^{2}\ \Phi_{195}^{2}\ \Phi_{105}^{2}\ \Phi_{39}^{2}\ \Phi_{35}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
146883	1856	245	$\frac{1}{35}$	$\frac{13}{245}$	$\frac{9}{35}$	$\frac{17}{35}$	$\Phi_{245}^{8}\ \Phi_{49}^{8}\ \Phi_{35}^{5}\ \Phi_{7}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
146884	1856	2097	$\frac{7}{233}$	$\frac{1}{9}$	$\frac{30}{233}$	$\frac{113}{233}$	$\Phi_{2097}\ \Phi_{699}$
146885	1856	1855	$\frac{57}{1855}$	$\frac{202}{1855}$	$\frac{239}{1855}$	$\frac{899}{1855}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{265}\ \Phi_{53}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
146886	1856	225	$\frac{7}{225}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{109}{225}$	$\Phi_{225}^{8}\ \Phi_{75}^{8}\ \Phi_{45}^{8}\ \Phi_{25}^{8}\ \Phi_{15}^{12}\ \Phi_{9}^{8}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
146887	1856	930	$\frac{1}{31}$	$\frac{1}{30}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{930}^{2}\ \Phi_{465}^{2}\ \Phi_{310}^{2}\ \Phi_{186}^{2}\ \Phi_{155}^{2}\ \Phi_{93}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{30}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}$ $\Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
146888	1856	1178	$\frac{1}{31}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{15}{31}$	$\Phi_{1178}^{2}\ \Phi_{589}\ \Phi_{62}^{2}\ \Phi_{38}^{4}\ \Phi_{31}^{2}\ \Phi_{19}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
146889	1856	155	$\frac{1}{31}$	$\frac{2}{31}$	$\frac{1}{5}$	$\frac{15}{31}$	$\Phi_{155}^{15}\ \Phi_{5}^{14}$
146890	1856	1855	$\frac{61}{1855}$	$\frac{86}{1855}$	$\frac{479}{1855}$	$\frac{897}{1855}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{265}\ \Phi_{53}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
146891	1856	2787	$\frac{30}{929}$	$\frac{31}{929}$	$\frac{1}{3}$	$\frac{449}{929}$	Φ_{2787}
146892	1856	1848	$\frac{1}{33}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{1848}^{2}\ \Phi_{616}^{2}\ \Phi_{264}^{2}\ \Phi_{168}\ \Phi_{88}^{2}\ \Phi_{56}^{2}\ \Phi_{33}^{2}\ \Phi_{24}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
146893	1856	168	$\frac{1}{28}$	$\frac{1}{21}$	$\frac{5}{21}$	$\frac{27}{56}$	$\Phi_{168}^{21}\ \Phi_{56}^{22}\ \Phi_{24}^{21}\ \Phi_{21}^{3}\ \Phi_{8}^{22}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
146894	1856	4760	$\frac{1}{28}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{27}{56}$	$\Phi_{4760}\ \Phi_{680}\ \Phi_{85}$
146895	1856	280	$\frac{1}{28}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{27}{56}$	$\Phi_{280}^{14}\ \Phi_{56}^{8}\ \Phi_{40}^{14}\ \Phi_{35}^{2}\ \Phi_{8}^{8}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
146896	1856	504	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{27}{56}$	$\Phi_{504}^{7}\ \Phi_{168}^{7}\ \Phi_{72}^{8}\ \Phi_{56}^{8}\ \Phi_{24}^{7}\ \Phi_{9}^{7}\ \Phi_{8}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
146897	1856	1785	$\frac{1}{35}$	$\frac{71}{1785}$	$\frac{34}{105}$	$\frac{857}{1785}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}^{2}\ \Phi_{85}\ \Phi_{51}\ \Phi_{35}\ \Phi_{21}^{2}\ \Phi_{17}\ \Phi_{15}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
146898	1856	390	$\frac{1}{30}$	$\frac{3}{65}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{390}^{5}\ \Phi_{195}^{5}\ \Phi_{130}^{5}\ \Phi_{78}^{5}\ \Phi_{65}^{4}\ \Phi_{39}^{5}\ \Phi_{30}^{4}\ \Phi_{26}^{5}\ \Phi_{15}^{4}\ \Phi_{13}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
146899	1856	441	$\frac{23}{441}$	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{209}{441}$	$\Phi_{441}^{4}\ \Phi_{147}^{4}\ \Phi_{63}^{4}\ \Phi_{49}^{6}\ \Phi_{21}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{5}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
146900	1856	315	$\frac{1}{35}$	$\frac{17}{315}$	$\frac{83}{315}$	$\frac{149}{315}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{63}^{6}\ \Phi_{45}^{6}\ \Phi_{35}^{5}\ \Phi_{21}^{6}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
146901	1856	477	$\frac{13}{477}$	$\frac{3}{53}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{477}^{4}\ \Phi_{159}^{4}\ \Phi_{53}^{3}\ \Phi_{9}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
146902	1856	1855	$\frac{47}{1855}$	$\frac{113}{1855}$	$\frac{492}{1855}$	$\frac{871}{1855}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{265}\ \Phi_{53}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
146903	1856	1749	$\frac{1}{53}$	$\frac{107}{1749}$	$\frac{52}{159}$	$\frac{821}{1749}$	$\Phi_{1749}\ \Phi_{583}\ \Phi_{159}^{2}\ \Phi_{53}\ \Phi_{33}\ \Phi_{11}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
146904	1856	245	$\frac{13}{245}$	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{23}{49}$	$\Phi_{245}^{8}\ \Phi_{49}^{6}\ \Phi_{35}^{8}\ \Phi_{7}^{5}\ \Phi_{5}^{8}\ \Phi_{1}^{6}$
146905	1856	2787	$\frac{17}{929}$	$\frac{57}{929}$	$\frac{1}{3}$	$\frac{436}{929}$	Φ_{2787}
146906	1856	885	$\frac{1}{59}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{885}^{2}\ \Phi_{295}^{2}\ \Phi_{177}^{3}\ \Phi_{59}^{2}$
146907	1856	345	$\frac{3}{115}$	$\frac{1}{15}$	$\frac{28}{115}$	$\frac{7}{15}$	$\Phi_{345}^{5}\ \Phi_{115}^{6}\ \Phi_{69}^{5}\ \Phi_{23}^{6}\ \Phi_{15}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
146908	1856	30	$\frac{1}{30}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{30}^{64}\ \Phi_{15}^{60}\ \Phi_{10}^{64}\ \Phi_{6}^{64}\ \Phi_{5}^{59}\ \Phi_{3}^{60}\ \Phi_{2}^{64}\ \Phi_{1}^{60}$
146909	1856	345	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{11}{69}$	$\frac{7}{15}$	$\Phi_{345}^{5}\ \Phi_{115}^{5}\ \Phi_{69}^{7}\ \Phi_{23}^{6}\ \Phi_{15}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
146910	1856	1085	$\frac{1}{31}$	$\frac{15}{217}$	$\frac{1}{5}$	$\frac{101}{217}$	$\Phi_{1085}^{2}\ \Phi_{155}^{3}\ \Phi_{35}^{2}\ \Phi_{5}^{2}$
146911	1856	1729	$\frac{6}{133}$	$\frac{127}{1729}$	$\frac{1}{7}$	$\frac{801}{1729}$	$\Phi_{1729}\ \Phi_{247}\ \Phi_{133}^{2}\ \Phi_{91}\ \Phi_{19}^{2}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}^{2}$
146912	1856	3510	$\frac{1}{65}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{3510}\ \Phi_{1170}\ \Phi_{702}\ \Phi_{390}\ \Phi_{270}\ \Phi_{234}\ \Phi_{195}\ \Phi_{130}\ \Phi_{90}\ \Phi_{78}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{10}$
146913	1856	918	$\frac{1}{17}$	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{25}{54}$	$\Phi_{918}^{4}\ \Phi_{306}^{4}\ \Phi_{153}\ \Phi_{102}^{4}\ \Phi_{51}\ \Phi_{34}^{4}$
146914	1856	390	$\frac{1}{30}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{390}^{5}\ \Phi_{195}^{5}\ \Phi_{130}^{5}\ \Phi_{78}^{5}\ \Phi_{65}^{5}\ \Phi_{39}^{3}\ \Phi_{30}^{4}\ \Phi_{26}^{5}\ \Phi_{15}^{4}\ \Phi_{13}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
146915	1856	1105	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{7}{65}$	$\frac{6}{13}$	$\Phi_{1105}^{2}\ \Phi_{221}\ \Phi_{85}^{2}$
146916	1856	159	$\frac{1}{53}$	$\frac{13}{159}$	$\frac{43}{159}$	$\frac{73}{159}$	$\Phi_{159}^{12}\ \Phi_{53}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
146917	1856	1705	$\frac{4}{155}$	$\frac{151}{1705}$	$\frac{1}{5}$	$\frac{777}{1705}$	$\Phi_{1705}\ \Phi_{341}\ \Phi_{155}^{2}\ \Phi_{55}\ \Phi_{31}^{2}\ \Phi_{11}\ \Phi_{5}\ \Phi_{1}^{2}$
146918	1856	649	$\frac{1}{59}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{649}^{3}\ \Phi_{59}^{2}$
146919	1856	53	$\frac{1}{53}$	$\frac{5}{53}$	$\frac{13}{53}$	$\frac{24}{53}$	$\Phi_{53}^{35}\ \Phi_{1}^{36}$
146920	1856	520	$\frac{1}{65}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{520}^{5}\ \Phi_{130}^{5}\ \Phi_{104}^{5}\ \Phi_{65}^{4}\ \Phi_{40}^{4}\ \Phi_{26}^{5}\ \Phi_{13}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
146921	1856	105	$\frac{1}{35}$	$\frac{11}{105}$	$\frac{17}{105}$	$\frac{47}{105}$	$\Phi_{105}^{18}\ \Phi_{35}^{17}\ \Phi_{21}^{18}\ \Phi_{15}^{18}\ \Phi_{7}^{17}\ \Phi_{5}^{17}\ \Phi_{3}^{18}\ \Phi_{1}^{18}$
146922	1856	105	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{11}{105}$	$\frac{47}{105}$	$\Phi_{105}^{16}\ \Phi_{35}^{21}\ \Phi_{21}^{16}\ \Phi_{15}^{16}\ \Phi_{7}^{21}\ \Phi_{5}^{21}\ \Phi_{3}^{16}\ \Phi_{1}^{22}$
146923	1856	390	$\frac{1}{30}$	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{29}{65}$	$\Phi_{390}^{5}\ \Phi_{195}^{5}\ \Phi_{130}^{5}\ \Phi_{78}^{5}\ \Phi_{65}^{4}\ \Phi_{39}^{5}\ \Phi_{30}^{4}\ \Phi_{26}^{5}\ \Phi_{15}^{4}\ \Phi_{13}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
146924	1856	1071	$\frac{1}{17}$	$\frac{5}{63}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1071}^{2}\ \Phi_{357}^{2}\ \Phi_{153}\ \Phi_{119}^{2}\ \Phi_{51}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
146925	1856	884	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{52}$	$\Phi_{884}^{4}\ \Phi_{221}\ \Phi_{68}^{4}$
146926	1856	371	$\frac{11}{371}$	$\frac{45}{371}$	$\frac{52}{371}$	$\frac{163}{371}$	$\Phi_{371}^{5}\ \Phi_{53}^{5}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
146927	1856	155	$\frac{3}{155}$	$\frac{19}{155}$	$\frac{1}{5}$	$\frac{68}{155}$	$\Phi_{155}^{12}\ \Phi_{31}^{12}\ \Phi_{5}^{11}\ \Phi_{1}^{12}$
146928	1856	1855	$\frac{23}{1855}$	$\frac{229}{1855}$	$\frac{521}{1855}$	$\frac{813}{1855}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{265}\ \Phi_{53}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
146929	1856	2787	$\frac{9}{929}$	$\frac{115}{929}$	$\frac{1}{3}$	$\frac{407}{929}$	Φ_{2787}
146930	1856	819	$\frac{1}{117}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{819}^{2}\ \Phi_{273}^{2}\ \Phi_{117}^{4}\ \Phi_{91}^{2}\ \Phi_{63}^{2}\ \Phi_{39}^{4}\ \Phi_{21}\ \Phi_{13}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
146931	1856	693	$\frac{2}{231}$	$\frac{1}{7}$	$\frac{229}{693}$	$\frac{3}{7}$	$\Phi_{693}^{4}\ \Phi_{99}^{4}\ \Phi_{63}^{4}\ \Phi_{9}^{4}\ \Phi_{7}\ \Phi_{1}^{2}$
146932	1856	469	$\frac{5}{469}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{469}^{4}\ \Phi_{67}^{4}\ \Phi_{7}\ \Phi_{1}^{2}$
146933	1856	77	$\frac{1}{77}$	$\frac{1}{7}$	$\frac{19}{77}$	$\frac{3}{7}$	$\Phi_{77}^{24}\ \Phi_{11}^{24}\ \Phi_{7}^{25}\ \Phi_{1}^{26}$
146934	1856	2065	$\frac{1}{59}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{2065}\ \Phi_{295}^{2}$
146935	1856	1155	$\frac{4}{231}$	$\frac{1}{7}$	$\frac{227}{1155}$	$\frac{3}{7}$	$\Phi_{1155}^{2}\ \Phi_{385}^{2}\ \Phi_{165}^{2}\ \Phi_{105}^{2}\ \Phi_{55}^{2}\ \Phi_{35}^{2}\ \Phi_{15}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
146936	1856	945	$\frac{17}{945}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{135}^{2}\ \Phi_{105}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{35}^{2}\ \Phi_{27}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
146937	1856	119	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{119}^{16}\ \Phi_{17}^{16}\ \Phi_{7}^{9}\ \Phi_{1}^{10}$
146938	1856	539	$\frac{2}{77}$	$\frac{75}{539}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{539}^{4}\ \Phi_{49}^{4}\ \Phi_{7}\ \Phi_{1}^{2}$
146939	1856	231	$\frac{1}{33}$	$\frac{4}{33}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{231}^{7}\ \Phi_{77}^{7}\ \Phi_{33}^{14}\ \Phi_{21}^{7}\ \Phi_{11}^{14}\ \Phi_{7}^{8}\ \Phi_{3}^{14}\ \Phi_{1}^{16}$
146940	1856	630	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}^{2}\ \Phi_{126}^{3}\ \Phi_{105}^{2}\ \Phi_{90}^{6}\ \Phi_{70}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{6}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{4}\ \Phi_{21}\ \Phi_{18}^{6}\ \Phi_{15}^{4}\ \Phi_{14}^{2}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
146941	1856	483	$\frac{19}{483}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{483}^{4}\ \Phi_{161}^{4}\ \Phi_{69}^{4}\ \Phi_{23}^{4}\ \Phi_{7}\ \Phi_{1}^{2}$
146942	1856	847	$\frac{5}{121}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{847}^{2}\ \Phi_{121}^{4}\ \Phi_{77}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
146943	1856	63	$\frac{1}{21}$	$\frac{5}{63}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{63}^{32}\ \Phi_{21}^{24}\ \Phi_{9}^{32}\ \Phi_{7}^{25}\ \Phi_{3}^{24}\ \Phi_{1}^{26}$
146944	1856	1001	$\frac{4}{77}$	$\frac{73}{1001}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1001}^{2}\ \Phi_{143}^{2}\ \Phi_{91}^{2}\ \Phi_{13}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
146945	1856	650	$\frac{1}{65}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{650}^{5}\ \Phi_{130}^{5}\ \Phi_{65}^{4}\ \Phi_{50}^{4}\ \Phi_{26}^{5}\ \Phi_{13}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
146946	1856	525	$\frac{1}{35}$	$\frac{61}{525}$	$\frac{17}{105}$	$\frac{44}{105}$	$\Phi_{525}^{4}\ \Phi_{175}^{4}\ \Phi_{105}^{2}\ \Phi_{75}^{4}\ \Phi_{35}\ \Phi_{25}^{4}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
146947	1856	399	$\frac{3}{133}$	$\frac{1}{7}$	$\frac{65}{399}$	$\frac{167}{399}$	$\Phi_{399}^{4}\ \Phi_{133}^{6}\ \Phi_{57}^{4}\ \Phi_{21}^{4}\ \Phi_{19}^{6}\ \Phi_{7}^{5}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
146948	1856	2340	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{180}\ \Phi_{130}\ \Phi_{117}\ \Phi_{90}\ \Phi_{78}\ \Phi_{45}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{10}$
146949	1856	795	$\frac{1}{53}$	$\frac{26}{159}$	$\frac{133}{795}$	$\frac{331}{795}$	$\Phi_{795}^{2}\ \Phi_{265}^{2}\ \Phi_{159}^{4}\ \Phi_{53}^{3}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
146950	1856	1989	$\frac{1}{117}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{1989}\ \Phi_{663}\ \Phi_{221}\ \Phi_{153}\ \Phi_{51}$
146951	1856	1575	$\frac{1}{35}$	$\frac{34}{315}$	$\frac{281}{1575}$	$\frac{647}{1575}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}^{2}\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}^{2}\ \Phi_{75}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
146952	1856	1855	$\frac{19}{1855}$	$\frac{349}{1855}$	$\frac{459}{1855}$	$\frac{753}{1855}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{265}\ \Phi_{53}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
146953	1856	775	$\frac{2}{155}$	$\frac{153}{775}$	$\frac{1}{5}$	$\frac{311}{775}$	$\Phi_{775}^{2}\ \Phi_{155}^{4}\ \Phi_{31}^{4}\ \Phi_{25}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
146954	1856	235	$\frac{3}{235}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{235}^{8}\ \Phi_{47}^{8}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
146955	1856	555	$\frac{3}{185}$	$\frac{91}{555}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{555}^{4}\ \Phi_{185}^{2}\ \Phi_{111}^{4}\ \Phi_{37}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
146956	1856	475	$\frac{11}{475}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{475}^{4}\ \Phi_{95}^{4}\ \Phi_{25}^{2}\ \Phi_{19}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
146957	1856	210	$\frac{1}{30}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{210}^{10}\ \Phi_{105}^{10}\ \Phi_{70}^{10}\ \Phi_{42}^{10}\ \Phi_{35}^{8}\ \Phi_{30}^{4}\ \Phi_{21}^{10}\ \Phi_{15}^{4}\ \Phi_{14}^{10}\ \Phi_{10}^{4}\ \Phi_{7}^{8}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
146958	1856	3120	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{390}\ \Phi_{240}\ \Phi_{208}\ \Phi_{195}\ \Phi_{130}\ \Phi_{80}\ \Phi_{78}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{10}$
146959	1856	1947	$\frac{1}{59}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{1947}\ \Phi_{649}\ \Phi_{177}$
146960	1856	1855	$\frac{39}{1855}$	$\frac{227}{1855}$	$\frac{407}{1855}$	$\frac{724}{1855}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{265}\ \Phi_{53}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
146961	1856	390	$\frac{1}{30}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{390}^{5}\ \Phi_{195}^{5}\ \Phi_{130}^{5}\ \Phi_{78}^{5}\ \Phi_{65}^{5}\ \Phi_{39}^{5}\ \Phi_{30}^{4}\ \Phi_{26}^{5}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
146962	1856	1855	$\frac{59}{1855}$	$\frac{144}{1855}$	$\frac{449}{1855}$	$\frac{703}{1855}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{265}\ \Phi_{53}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
146963	1856	2097	$\frac{5}{233}$	$\frac{1}{9}$	$\frac{57}{233}$	$\frac{88}{233}$	$\Phi_{2097}\ \Phi_{699}$
146964	1856	265	$\frac{1}{53}$	$\frac{33}{265}$	$\frac{13}{53}$	$\frac{20}{53}$	$\Phi_{265}^{8}\ \Phi_{53}^{3}\ \Phi_{5}^{8}\ \Phi_{1}^{4}$
146965	1856	1855	$\frac{27}{1855}$	$\frac{289}{1855}$	$\frac{457}{1855}$	$\frac{699}{1855}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{265}\ \Phi_{53}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
146966	1856	465	$\frac{1}{93}$	$\frac{1}{5}$	$\frac{23}{93}$	$\frac{35}{93}$	$\Phi_{465}^{5}\ \Phi_{155}^{5}\ \Phi_{15}^{5}\ \Phi_{5}^{4}$
146967	1856	1855	$\frac{11}{1855}$	$\frac{461}{1855}$	$\frac{579}{1855}$	$\frac{697}{1855}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{265}\ \Phi_{53}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
146968	1856	2787	$\frac{5}{929}$	$\frac{231}{929}$	$\frac{1}{3}$	$\frac{349}{929}$	Φ_{2787}
146969	1856	1431	$\frac{1}{53}$	$\frac{52}{477}$	$\frac{425}{1431}$	$\frac{503}{1431}$	$\Phi_{1431}\ \Phi_{477}^{2}\ \Phi_{159}^{2}\ \Phi_{53}\ \Phi_{27}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
146970	1856	1395	$\frac{4}{465}$	$\frac{1}{5}$	$\frac{461}{1395}$	$\frac{467}{1395}$	$\Phi_{1395}\ \Phi_{465}^{2}\ \Phi_{279}\ \Phi_{155}^{2}\ \Phi_{93}^{2}\ \Phi_{45}\ \Phi_{31}^{2}\ \Phi_{15}^{2}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
146971	1856	699	$\frac{1}{233}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{699}^{3}\ \Phi_{233}^{2}$
146972	1856	1389	$\frac{3}{463}$	$\frac{115}{463}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1389}\ \Phi_{463}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
146973	1856	585	$\frac{1}{117}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{585}^{4}\ \Phi_{195}^{4}\ \Phi_{65}^{4}\ \Phi_{45}^{4}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
146974	1856	1389	$\frac{7}{463}$	$\frac{57}{463}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1389}\ \Phi_{463}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
146975	1856	531	$\frac{1}{59}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{531}^{4}\ \Phi_{177}^{3}\ \Phi_{59}^{2}$
146976	1856	1389	$\frac{15}{463}$	$\frac{28}{463}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1389}\ \Phi_{463}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
146977	1856	510	$\frac{1}{30}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{510}^{4}\ \Phi_{255}^{4}\ \Phi_{170}^{4}\ \Phi_{102}^{4}\ \Phi_{85}^{4}\ \Phi_{51}^{3}\ \Phi_{34}^{4}\ \Phi_{17}^{2}$
146978	1856	3465	$\frac{2}{231}$	$\frac{1}{5}$	$\frac{229}{693}$	$\frac{1}{3}$	$\Phi_{3465}\ \Phi_{495}\ \Phi_{315}\ \Phi_{45}\ \Phi_{15}$
146979	1856	2907	$\frac{2}{57}$	$\frac{1}{17}$	$\frac{55}{171}$	$\frac{1}{3}$	$\Phi_{2907}\ \Phi_{153}\ \Phi_{51}$
146980	1856	462	$\frac{1}{33}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{462}^{4}\ \Phi_{231}^{4}\ \Phi_{154}^{4}\ \Phi_{77}^{4}\ \Phi_{66}^{4}\ \Phi_{42}^{3}\ \Phi_{33}^{6}\ \Phi_{22}^{4}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{11}^{6}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
146981	1856	2655	$\frac{1}{59}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{2655}\ \Phi_{531}\ \Phi_{177}$
146982	1856	1056	$\frac{1}{33}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1056}^{2}\ \Phi_{528}^{2}\ \Phi_{352}^{2}\ \Phi_{264}^{2}\ \Phi_{176}^{2}\ \Phi_{96}\ \Phi_{88}^{2}\ \Phi_{48}\ \Phi_{33}^{2}\ \Phi_{32}^{2}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
146983	1856	1155	$\frac{1}{77}$	$\frac{1}{5}$	$\frac{19}{77}$	$\frac{1}{3}$	$\Phi_{1155}^{3}\ \Phi_{165}^{3}\ \Phi_{105}^{3}\ \Phi_{15}^{4}$
146984	1856	2787	$\frac{13}{929}$	$\frac{175}{929}$	$\frac{229}{929}$	$\frac{1}{3}$	Φ_{2787}
146985	1856	1035	$\frac{3}{115}$	$\frac{1}{9}$	$\frac{28}{115}$	$\frac{1}{3}$	$\Phi_{1035}^{2}\ \Phi_{345}\ \Phi_{207}^{2}\ \Phi_{115}^{2}\ \Phi_{69}\ \Phi_{45}^{2}\ \Phi_{23}^{2}\ \Phi_{15}\ \Phi_{9}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
146986	1856	2787	$\frac{29}{929}$	$\frac{88}{929}$	$\frac{225}{929}$	$\frac{1}{3}$	Φ_{2787}
146987	1856	1938	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{9}{38}$	$\frac{1}{3}$	$\Phi_{1938}^{2}\ \Phi_{969}\ \Phi_{102}^{2}\ \Phi_{51}^{2}$
146988	1856	930	$\frac{1}{30}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{930}^{2}\ \Phi_{465}^{2}\ \Phi_{310}^{2}\ \Phi_{186}^{2}\ \Phi_{155}^{2}\ \Phi_{93}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{30}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
146989	1856	2340	$\frac{1}{65}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{468}\ \Phi_{390}\ \Phi_{260}\ \Phi_{234}\ \Phi_{195}\ \Phi_{180}\ \Phi_{156}\ \Phi_{130}\ \Phi_{90}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
146990	1856	2787	$\frac{25}{929}$	$\frac{113}{929}$	$\frac{204}{929}$	$\frac{1}{3}$	Φ_{2787}
146991	1856	885	$\frac{1}{59}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{885}^{3}\ \Phi_{177}^{4}$
146992	1856	1785	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1785}^{2}\ \Phi_{255}^{2}\ \Phi_{105}\ \Phi_{15}^{2}$
146993	1856	165	$\frac{1}{33}$	$\frac{4}{33}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{165}^{14}\ \Phi_{55}^{14}\ \Phi_{15}^{15}\ \Phi_{5}^{14}$
146994	1856	90	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{90}^{24}\ \Phi_{45}^{22}\ \Phi_{30}^{16}\ \Phi_{18}^{24}\ \Phi_{15}^{15}\ \Phi_{10}^{16}\ \Phi_{9}^{24}\ \Phi_{6}^{16}\ \Phi_{5}^{14}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
146995	1856	2415	$\frac{19}{483}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{805}\ \Phi_{345}\ \Phi_{115}\ \Phi_{15}$
146996	1856	1815	$\frac{5}{121}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1815}^{2}\ \Phi_{165}\ \Phi_{15}^{2}$
146997	1856	315	$\frac{1}{21}$	$\frac{5}{63}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{315}^{8}\ \Phi_{105}^{6}\ \Phi_{45}^{8}\ \Phi_{35}^{6}\ \Phi_{15}^{7}\ \Phi_{5}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
146998	1856	495	$\frac{2}{33}$	$\frac{31}{495}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{495}^{4}\,\Phi_{165}^{3}\,\Phi_{99}^{4}\,\Phi_{55}^{3}\,\Phi_{45}^{4}\,\Phi_{33}^{4}\,\Phi_{15}^{4}\,\Phi_{11}^{4}\,\Phi_{9}^{4}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
146999	1856	1155	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{1155}^{2}\,\Phi_{385}^{2}\,\Phi_{165}^{2}\,\Phi_{105}\,\Phi_{55}^{2}\,\Phi_{35}^{2}\,\Phi_{33}^{2}\,\Phi_{15}\,\Phi_{11}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
147000	1856	207	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{11}{69}$	$\frac{1}{3}$	$\Phi_{207}^{10}\,\Phi_{69}^{7}\,\Phi_{23}^{6}\,\Phi_{9}^{12}\,\Phi_{3}^{8}\,\Phi_{1}^{8}$
147001	1856	345	$\frac{2}{115}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{113}{345}$	$\Phi_{345}^{8}\,\Phi_{69}^{8}\,\Phi_{15}^{8}\,\Phi_{5}^{3}\,\Phi_{3}^{8}\,\Phi_{1}^{4}$
147002	1856	1197	$\frac{3}{133}$	$\frac{1}{7}$	$\frac{269}{1197}$	$\frac{130}{399}$	$\Phi_{1197}^{2}\,\Phi_{171}^{2}\,\Phi_{133}^{2}\,\Phi_{63}^{2}\,\Phi_{19}^{2}\,\Phi_{9}^{2}\,\Phi_{7}\,\Phi_{1}^{2}$
147003	1856	35	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{6}{35}$	$\frac{11}{35}$	$\Phi_{35}^{53}\,\Phi_{7}^{53}\,\Phi_{5}^{53}\,\Phi_{1}^{54}$
147004	1856	1029	$\frac{3}{49}$	$\frac{101}{1029}$	$\frac{1}{7}$	$\frac{46}{147}$	$\Phi_{1029}^{2}\,\Phi_{343}^{2}\,\Phi_{49}^{2}\,\Phi_{7}\,\Phi_{1}^{2}$
147005	1856	675	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{211}{675}$	$\Phi_{675}^{4}\,\Phi_{135}^{4}\,\Phi_{27}^{4}\,\Phi_{15}^{4}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
147006	1856	495	$\frac{31}{495}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{14}{45}$	$\Phi_{495}^{4}\,\Phi_{165}^{4}\,\Phi_{99}^{4}\,\Phi_{55}^{4}\,\Phi_{33}^{4}\,\Phi_{15}^{4}\,\Phi_{11}^{4}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
147007	1856	42	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{5}{21}$	$\frac{13}{42}$	$\Phi_{42}^{43}\,\Phi_{21}^{46}\,\Phi_{14}^{42}\,\Phi_{7}^{45}\,\Phi_{6}^{43}\,\Phi_{3}^{46}\,\Phi_{2}^{42}\,\Phi_{1}^{46}$
147008	1856	3570	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{3570}\,\Phi_{1785}\,\Phi_{510}\,\Phi_{255}\,\Phi_{85}$
147009	1856	210	$\frac{1}{14}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{13}{42}$	$\Phi_{210}^{14}\,\Phi_{105}^{14}\,\Phi_{42}^{8}\,\Phi_{35}^{2}\,\Phi_{30}^{14}\,\Phi_{21}^{8}\,\Phi_{15}^{14}\,\Phi_{7}\,\Phi_{6}^{8}\,\Phi_{5}^{2}\,\Phi_{3}^{8}\,\Phi_{1}^{2}$
147010	1856	126	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{13}{42}$	$\Phi_{126}^{14}\,\Phi_{63}^{14}\,\Phi_{42}^{15}\,\Phi_{21}^{15}\,\Phi_{18}^{14}\,\Phi_{14}^{14}\,\Phi_{9}^{21}\,\Phi_{7}^{14}\,\Phi_{6}^{15}\,\Phi_{3}^{22}\,\Phi_{2}^{14}\,\Phi_{1}^{22}$
147011	1856	1323	$\frac{3}{49}$	$\frac{46}{441}$	$\frac{1}{7}$	$\frac{395}{1323}$	$\Phi_{1323}^{2}\,\Phi_{189}^{2}\,\Phi_{49}^{2}\,\Phi_{27}^{2}\,\Phi_{7}\,\Phi_{1}^{2}$
147012	1856	165	$\frac{1}{15}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{49}{165}$	$\Phi_{165}^{11}\,\Phi_{55}^{12}\,\Phi_{33}^{11}\,\Phi_{15}^{10}\,\Phi_{11}^{12}\,\Phi_{5}^{11}\,\Phi_{3}^{10}\,\Phi_{1}^{12}$
147013	1856	2295	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{19}{135}$	$\frac{8}{27}$	$\Phi_{2295}\,\Phi_{765}\,\Phi_{255}\,\Phi_{153}\,\Phi_{85}\,\Phi_{51}$
147014	1856	90	$\frac{1}{30}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{90}^{30}\,\Phi_{45}^{28}\,\Phi_{30}^{4}\,\Phi_{18}^{30}\,\Phi_{15}^{4}\,\Phi_{10}^{4}\,\Phi_{9}^{28}\,\Phi_{6}^{4}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
147015	1856	3255	$\frac{1}{31}$	$\frac{30}{217}$	$\frac{1}{5}$	$\frac{187}{651}$	$\Phi_{3255}\,\Phi_{465}\,\Phi_{155}\,\Phi_{105}\,\Phi_{15}$
147016	1856	357	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{357}^{7}\,\Phi_{119}^{2}\,\Phi_{51}^{7}\,\Phi_{21}^{4}\,\Phi_{17}^{2}\,\Phi_{7}\,\Phi_{3}^{4}\,\Phi_{1}^{2}$
147017	1856	315	$\frac{5}{63}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{315}^{7}\,\Phi_{105}^{7}\,\Phi_{63}^{4}\,\Phi_{45}^{7}\,\Phi_{35}^{2}\,\Phi_{21}^{4}\,\Phi_{15}^{7}\,\Phi_{9}^{4}\,\Phi_{7}\,\Phi_{5}^{2}\,\Phi_{3}^{4}\,\Phi_{1}^{2}$
147018	1856	1377	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{81}$	$\Phi_{1377}^{2}\,\Phi_{153}\,\Phi_{51}$
147019	1856	159	$\frac{1}{53}$	$\frac{10}{53}$	$\frac{13}{53}$	$\frac{43}{159}$	$\Phi_{159}^{16}\,\Phi_{53}^{3}\,\Phi_{3}^{16}\,\Phi_{1}^{4}$
147020	1856	615	$\frac{11}{615}$	$\frac{1}{5}$	$\frac{151}{615}$	$\frac{4}{15}$	$\Phi_{615}^{3}\,\Phi_{205}^{3}\,\Phi_{123}^{3}\,\Phi_{41}^{3}\,\Phi_{15}^{4}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
147021	1856	945	$\frac{17}{945}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{945}^{2}\,\Phi_{315}^{2}\,\Phi_{189}^{2}\,\Phi_{135}^{2}\,\Phi_{105}^{2}\,\Phi_{63}^{2}\,\Phi_{45}\,\Phi_{35}^{2}\,\Phi_{27}^{2}\,\Phi_{21}^{2}\,\Phi_{15}^{2}\,\Phi_{9}\,\Phi_{7}^{2}\,\Phi_{5}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
147022	1856	150	$\frac{1}{30}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{150}^{15}\,\Phi_{75}^{14}\,\Phi_{50}^{15}\,\Phi_{30}^{4}\,\Phi_{25}^{14}\,\Phi_{15}^{4}\,\Phi_{10}^{4}\,\Phi_{6}^{4}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
147023	1856	315	$\frac{1}{35}$	$\frac{17}{105}$	$\frac{22}{105}$	$\frac{83}{315}$	$\Phi_{315}^{8}\,\Phi_{105}^{2}\,\Phi_{63}^{8}\,\Phi_{45}^{8}\,\Phi_{35}\,\Phi_{21}^{2}\,\Phi_{15}^{2}\,\Phi_{9}^{8}\,\Phi_{7}\,\Phi_{5}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
147024	1856	663	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{10}{39}$	$\Phi_{663}^{4}\,\Phi_{221}\,\Phi_{51}^{4}$
147025	1856	265	$\frac{9}{265}$	$\frac{33}{265}$	$\frac{64}{265}$	$\frac{67}{265}$	$\Phi_{265}^{7}\,\Phi_{53}^{7}\,\Phi_{5}^{7}\,\Phi_{1}^{8}$
147026	1856	672	$\frac{1}{21}$	$\frac{3}{32}$	$\frac{5}{21}$	$\frac{1}{4}$	$\Phi_{672}^{3}\,\Phi_{336}^{3}\,\Phi_{224}^{3}\,\Phi_{168}^{3}\,\Phi_{112}^{3}\,\Phi_{96}^{3}\,\Phi_{56}^{3}\,\Phi_{48}^{3}\,\Phi_{32}^{4}\,\Phi_{24}^{3}\,\Phi_{21}^{3}\,\Phi_{16}^{4}\,\Phi_{8}^{4}\,\Phi_{7}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
147027	1856	2720	$\frac{1}{17}$	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2720}\,\Phi_{1360}\,\Phi_{680}\,\Phi_{85}$
147028	1856	1120	$\frac{3}{35}$	$\frac{3}{32}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{1120}^{2}\,\Phi_{560}^{2}\,\Phi_{280}^{2}\,\Phi_{224}\,\Phi_{160}^{2}\,\Phi_{112}\,\Phi_{80}^{2}\,\Phi_{56}\,\Phi_{40}^{2}\,\Phi_{35}^{2}\,\Phi_{32}^{2}\,\Phi_{16}^{2}\,\Phi_{8}^{2}\,\Phi_{7}\,\Phi_{5}^{2}\,\Phi_{1}^{2}$
147029	1856	288	$\frac{3}{32}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{4}$	$\Phi_{288}^{7}\,\Phi_{144}^{7}\,\Phi_{96}^{7}\,\Phi_{72}^{7}\,\Phi_{48}^{7}\,\Phi_{32}^{8}\,\Phi_{24}^{7}\,\Phi_{16}^{8}\,\Phi_{9}^{7}\,\Phi_{8}^{8}\,\Phi_{3}^{7}\,\Phi_{1}^{8}$
147030	1856	115	$\frac{3}{115}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{28}{115}$	$\Phi_{115}^{16}\,\Phi_{23}^{16}\,\Phi_{5}^{19}\,\Phi_{1}^{20}$
147031	1856	1855	$\frac{51}{1855}$	$\frac{351}{1855}$	$\frac{376}{1855}$	$\frac{451}{1855}$	$\Phi_{1855}\,\Phi_{371}\,\Phi_{265}\,\Phi_{53}\,\Phi_{35}\,\Phi_{7}\,\Phi_{5}\,\Phi_{1}^{2}$
147032	1856	465	$\frac{13}{465}$	$\frac{88}{465}$	$\frac{1}{5}$	$\frac{113}{465}$	$\Phi_{465}^{4}\,\Phi_{155}^{4}\,\Phi_{93}^{4}\,\Phi_{31}^{4}\,\Phi_{15}^{4}\,\Phi_{5}^{3}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
147033	1856	105	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{5}{21}$	$\Phi_{105}^{21}\,\Phi_{35}^{22}\,\Phi_{21}^{3}\,\Phi_{15}^{21}\,\Phi_{7}^{3}\,\Phi_{5}^{22}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
147034	1856	1178	$\frac{1}{19}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{9}{38}$	$\Phi_{1178}^{2}\,\Phi_{589}\,\Phi_{62}^{2}\,\Phi_{38}^{4}\,\Phi_{31}^{2}\,\Phi_{19}^{2}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
147035	1856	1710	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{9}{38}$	$\Phi_{1710}^{2}\,\Phi_{855}\,\Phi_{570}^{2}\,\Phi_{285}\,\Phi_{90}^{2}\,\Phi_{45}^{2}\,\Phi_{30}^{2}\,\Phi_{15}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
147036	1856	455	$\frac{27}{455}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{107}{455}$	$\Phi_{455}^{4}\ \Phi_{91}^{4}\ \Phi_{65}^{4}\ \Phi_{35}^{5}\ \Phi_{13}^{4}\ \Phi_{7}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
147037	1856	265	$\frac{21}{265}$	$\frac{33}{265}$	$\frac{34}{265}$	$\frac{61}{265}$	$\Phi_{265}^{7}\ \Phi_{53}^{7}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
147038	1856	75	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{1}{5}$	$\frac{17}{75}$	$\Phi_{75}^{24}\ \Phi_{25}^{24}\ \Phi_{15}^{28}\ \Phi_{5}^{27}\ \Phi_{3}^{28}\ \Phi_{1}^{28}$
147039	1856	155	$\frac{2}{31}$	$\frac{3}{31}$	$\frac{1}{5}$	$\frac{7}{31}$	$\Phi_{155}^{15}\ \Phi_{5}^{14}$
147040	1856	612	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{7}{36}$	$\frac{2}{9}$	$\Phi_{612}^{4}\ \Phi_{306}^{4}\ \Phi_{204}^{4}\ \Phi_{153}\ \Phi_{102}^{4}\ \Phi_{68}^{4}\ \Phi_{51}\ \Phi_{34}^{4}$
147041	1856	147	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{23}{147}$	$\frac{31}{147}$	$\Phi_{147}^{12}\ \Phi_{49}^{14}\ \Phi_{21}^{12}\ \Phi_{7}^{13}\ \Phi_{3}^{12}\ \Phi_{1}^{14}$
147042	1856	30	$\frac{1}{30}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{30}^{64}\ \Phi_{15}^{64}\ \Phi_{10}^{64}\ \Phi_{6}^{64}\ \Phi_{5}^{51}\ \Phi_{3}^{64}\ \Phi_{2}^{64}\ \Phi_{1}^{52}$
147043	1856	575	$\frac{4}{115}$	$\frac{111}{575}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{575}^{4}\ \Phi_{25}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
147044	1856	345	$\frac{1}{23}$	$\frac{11}{69}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{345}^{6}\ \Phi_{115}^{3}\ \Phi_{69}^{8}\ \Phi_{23}^{4}\ \Phi_{15}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
147045	1856	525	$\frac{1}{15}$	$\frac{61}{525}$	$\frac{14}{75}$	$\frac{1}{5}$	$\Phi_{525}^{4}\ \Phi_{175}^{4}\ \Phi_{105}^{4}\ \Phi_{35}^{4}\ \Phi_{21}^{4}\ \Phi_{15}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
147046	1856	595	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{595}^{3}\ \Phi_{119}^{4}\ \Phi_{85}^{4}\ \Phi_{17}^{4}$
147047	1856	135	$\frac{1}{15}$	$\frac{19}{135}$	$\frac{7}{45}$	$\frac{1}{5}$	$\Phi_{135}^{16}\ \Phi_{45}^{8}\ \Phi_{27}^{16}\ \Phi_{15}^{12}\ \Phi_{9}^{8}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
147048	1856	35	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{35}^{52}\ \Phi_{7}^{57}\ \Phi_{5}^{52}\ \Phi_{1}^{58}$
147049	1856	315	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{315}^{7}\ \Phi_{105}^{7}\ \Phi_{45}^{7}\ \Phi_{35}^{8}\ \Phi_{15}^{7}\ \Phi_{9}^{7}\ \Phi_{5}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
147050	1857	2480	$\frac{3}{620}$	$\frac{1}{4}$	$\frac{623}{2480}$	$\frac{617}{1240}$	$\Phi_{2480}\ \Phi_{620}\ \Phi_{496}\ \Phi_{310}\ \Phi_{155}\ \Phi_{124}\ \Phi_{80}\ \Phi_{62}\ \Phi_{31}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
147051	1857	1232	$\frac{3}{616}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{613}{1232}$	$\Phi_{1232}^{3}\ \Phi_{176}^{3}\ \Phi_{112}^{3}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
147052	1857	2460	$\frac{4}{615}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{611}{1230}$	$\Phi_{2460}\ \Phi_{820}\ \Phi_{615}\ \Phi_{492}\ \Phi_{205}\ \Phi_{164}\ \Phi_{123}\ \Phi_{60}\ \Phi_{41}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
147053	1857	744	$\frac{1}{124}$	$\frac{125}{744}$	$\frac{1}{4}$	$\frac{123}{248}$	$\Phi_{744}^{3}\ \Phi_{372}^{3}\ \Phi_{186}^{3}\ \Phi_{124}^{3}\ \Phi_{93}^{3}\ \Phi_{62}^{3}\ \Phi_{31}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
147054	1857	3680	$\frac{17}{1840}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1823}{3680}$	$\Phi_{3680}\ \Phi_{736}\ \Phi_{160}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
147055	1857	1220	$\frac{9}{610}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{601}{1220}$	$\Phi_{1220}\ \Phi_{610}^{2}\ \Phi_{305}^{2}\ \Phi_{244}\ \Phi_{122}^{2}\ \Phi_{61}^{2}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
147056	1857	3584	$\frac{1}{64}$	$\frac{65}{1792}$	$\frac{1727}{3584}$	$\frac{63}{128}$	$\Phi_{3584}\ \Phi_{512}\ \Phi_{128}\ \Phi_{1}$
147057	1857	896	$\frac{1}{64}$	$\frac{65}{896}$	$\frac{277}{896}$	$\frac{63}{128}$	$\Phi_{896}^{2}\ \Phi_{448}^{2}\ \Phi_{224}^{2}\ \Phi_{128}^{3}\ \Phi_{112}^{2}\ \Phi_{64}^{2}\ \Phi_{56}^{2}\ \Phi_{32}^{2}\ \Phi_{28}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
147058	1857	2048	$\frac{1}{64}$	$\frac{191}{2048}$	$\frac{65}{256}$	$\frac{63}{128}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{512}\ \Phi_{128}\ \Phi_{1}$
147059	1857	1216	$\frac{11}{608}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{597}{1216}$	$\Phi_{1216}^{3}\ \Phi_{64}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
147060	1857	832	$\frac{5}{208}$	$\frac{1}{16}$	$\frac{213}{832}$	$\frac{203}{416}$	$\Phi_{832}^{3}\ \Phi_{208}^{3}\ \Phi_{104}^{3}\ \Phi_{64}^{3}\ \Phi_{52}^{3}\ \Phi_{26}^{3}\ \Phi_{16}^{2}\ \Phi_{13}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
147061	1857	1984	$\frac{3}{124}$	$\frac{127}{1984}$	$\frac{1}{4}$	$\frac{121}{248}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{496}\ \Phi_{124}\ \Phi_{64}\ \Phi_{62}\ \Phi_{32}\ \Phi_{31}\ \Phi_{16}\ \Phi_{1}$
147062	1857	1200	$\frac{19}{600}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{581}{1200}$	$\Phi_{1200}^{3}\ \Phi_{400}^{3}\ \Phi_{240}^{3}\ \Phi_{80}^{3}\ \Phi_{48}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
147063	1857	640	$\frac{21}{640}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{128}^{3}\ \Phi_{80}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
147064	1857	2356	$\frac{1}{31}$	$\frac{30}{589}$	$\frac{1}{4}$	$\frac{559}{1178}$	$\Phi_{2356}\ \Phi_{589}\ \Phi_{124}^{2}\ \Phi_{76}\ \Phi_{62}\ \Phi_{31}\ \Phi_{19}\ \Phi_{4}\ \Phi_{1}$
147065	1857	1160	$\frac{1}{58}$	$\frac{39}{580}$	$\frac{19}{58}$	$\frac{541}{1160}$	$\Phi_{1160}^{3}\ \Phi_{232}^{3}\ \Phi_{58}^{2}\ \Phi_{40}^{3}\ \Phi_{29}^{2}\ \Phi_{8}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
147066	1857	1160	$\frac{1}{29}$	$\frac{39}{580}$	$\frac{28}{145}$	$\frac{541}{1160}$	$\Phi_{1160}^{3}\ \Phi_{232}^{3}\ \Phi_{145}\ \Phi_{40}^{3}\ \Phi_{8}^{3}\ \Phi_{5}\ \Phi_{1}$
147067	1857	3472	$\frac{3}{124}$	$\frac{121}{1736}$	$\frac{1}{4}$	$\frac{1615}{3472}$	$\Phi_{3472}\ \Phi_{496}\ \Phi_{124}\ \Phi_{112}\ \Phi_{62}\ \Phi_{31}\ \Phi_{16}\ \Phi_{1}$
147068	1857	2080	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{223}{2080}$	$\frac{193}{416}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}\ \Phi_{160}\ \Phi_{130}\ \Phi_{104}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
147069	1857	754	$\frac{1}{29}$	$\frac{28}{377}$	$\frac{135}{754}$	$\frac{349}{754}$	$\Phi_{754}^{2}\ \Phi_{377}^{3}\ \Phi_{58}^{2}\ \Phi_{29}^{2}\ \Phi_{26}^{2}\ \Phi_{13}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
147070	1857	1152	$\frac{1}{64}$	$\frac{43}{576}$	$\frac{21}{64}$	$\frac{533}{1152}$	$\Phi_{1152}^{3}\ \Phi_{384}^{3}\ \Phi_{128}^{3}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
147071	1857	1152	$\frac{1}{16}$	$\frac{43}{576}$	$\frac{5}{48}$	$\frac{533}{1152}$	$\Phi_{1152}^{3}\ \Phi_{384}^{3}\ \Phi_{128}^{3}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
147072	1857	2552	$\frac{1}{58}$	$\frac{57}{638}$	$\frac{695}{2552}$	$\frac{581}{1276}$	$\Phi_{2552}\ \Phi_{638}\ \Phi_{319}\ \Phi_{232}\ \Phi_{88}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
147073	1857	2560	$\frac{1}{64}$	$\frac{63}{640}$	$\frac{703}{2560}$	$\frac{577}{1280}$	$\Phi_{2560}\ \Phi_{640}\ \Phi_{512}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
147074	1857	672	$\frac{1}{16}$	$\frac{53}{672}$	$\frac{5}{48}$	$\frac{43}{96}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_8^2\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
147075	1857	1116	$\frac{1}{62}$	$\frac{61}{558}$	$\frac{1}{4}$	$\frac{497}{1116}$	$\Phi_{1116}\ \Phi_{558}^2\ \Phi_{372}\ \Phi_{279}^2\ \Phi_{186}^2\ \Phi_{124}^3\ \Phi_{93}^2\ \Phi_{62}^3\ \Phi_{36}\ \Phi_{31}^3\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
147076	1857	3328	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{193}{1664}$	$\frac{1471}{3328}$	$\Phi_{3328}\ \Phi_{256}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
147077	1857	1880	$\frac{23}{1880}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{470}\ \Phi_{376}\ \Phi_{235}\ \Phi_{188}\ \Phi_{94}\ \Phi_{47}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
147078	1857	3200	$\frac{1}{64}$	$\frac{257}{1600}$	$\frac{63}{320}$	$\frac{1343}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
147079	1857	768	$\frac{1}{64}$	$\frac{21}{128}$	$\frac{149}{768}$	$\frac{107}{256}$	$\Phi_{768}^3\ \Phi_{384}^3\ \Phi_{192}^3\ \Phi_{128}^3\ \Phi_{96}^3\ \Phi_{64}^2\ \Phi_{48}^3\ \Phi_{32}^2\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
147080	1857	2030	$\frac{1}{29}$	$\frac{173}{2030}$	$\frac{28}{145}$	$\frac{117}{290}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{406}\ \Phi_{203}\ \Phi_{145}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}\ \Phi_7\ \Phi_5\ \Phi_1$
147081	1857	1024	$\frac{1}{64}$	$\frac{21}{128}$	$\frac{107}{512}$	$\frac{405}{1024}$	$\Phi_{1024}^3\ \Phi_{128}^3\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
147082	1857	3016	$\frac{1}{29}$	$\frac{28}{377}$	$\frac{349}{1508}$	$\frac{1159}{3016}$	$\Phi_{3016}\ \Phi_{377}\ \Phi_{232}\ \Phi_{104}\ \Phi_{13}\ \Phi_8\ \Phi_1$
147083	1857	992	$\frac{1}{124}$	$\frac{123}{496}$	$\frac{1}{4}$	$\frac{373}{992}$	$\Phi_{992}^3\ \Phi_{124}^3\ \Phi_{62}^3\ \Phi_{32}^3\ \Phi_{31}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
147084	1857	624	$\frac{5}{624}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{48}^3\ \Phi_{39}^3\ \Phi_{26}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
147085	1857	640	$\frac{21}{640}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{128}^3\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
147086	1857	696	$\frac{1}{58}$	$\frac{77}{696}$	$\frac{19}{58}$	$\frac{39}{116}$	$\Phi_{696}^3\ \Phi_{348}^3\ \Phi_{232}^3\ \Phi_{174}^3\ \Phi_{87}^3\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
147087	1857	1860	$\frac{1}{155}$	$\frac{1}{4}$	$\frac{154}{465}$	$\frac{311}{930}$	$\Phi_{1860}\ \Phi_{620}^2\ \Phi_{465}\ \Phi_{372}\ \Phi_{310}\ \Phi_{155}\ \Phi_{124}^2\ \Phi_{93}\ \Phi_{62}\ \Phi_{60}\ \Phi_{31}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
147088	1857	928	$\frac{1}{232}$	$\frac{77}{232}$	$\frac{309}{928}$	$\frac{155}{464}$	$\Phi_{928}^3\ \Phi_{232}^2\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{32}^3\ \Phi_{29}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
147089	1857	627	$\frac{8}{627}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{627}^3\ \Phi_{209}^3\ \Phi_{57}^3\ \Phi_{33}^2\ \Phi_{19}^3\ \Phi_{11}^3\ \Phi_3\ \Phi_1^3$
147090	1857	924	$\frac{3}{308}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{305}{924}$	$\Phi_{924}^3\ \Phi_{462}^3\ \Phi_{231}^3\ \Phi_{132}^3\ \Phi_{84}^3\ \Phi_{66}^3\ \Phi_{42}^3\ \Phi_{33}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
147091	1857	768	$\frac{1}{64}$	$\frac{149}{768}$	$\frac{43}{192}$	$\frac{21}{64}$	$\Phi_{768}^3\ \Phi_{384}^3\ \Phi_{256}^3\ \Phi_{128}^3\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
147092	1857	744	$\frac{1}{62}$	$\frac{125}{744}$	$\frac{1}{4}$	$\frac{61}{186}$	$\Phi_{744}^3\ \Phi_{372}\ \Phi_{248}^3\ \Phi_{186}^2\ \Phi_{124}^3\ \Phi_{93}^2\ \Phi_{62}^3\ \Phi_{31}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
147093	1857	870	$\frac{1}{58}$	$\frac{39}{290}$	$\frac{251}{870}$	$\frac{19}{58}$	$\Phi_{870}^3\ \Phi_{435}^3\ \Phi_{174}^3\ \Phi_{87}^3\ \Phi_{58}^2\ \Phi_{30}^3\ \Phi_{29}^2\ \Phi_{15}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
147094	1857	920	$\frac{17}{920}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{301}{920}$	$\Phi_{920}^2\ \Phi_{460}^2\ \Phi_{230}^2\ \Phi_{184}^2\ \Phi_{115}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{40}^2\ \Phi_{23}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
147095	1857	912	$\frac{11}{304}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{293}{912}$	$\Phi_{912}^3\ \Phi_{456}^3\ \Phi_{228}^3\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
147096	1857	660	$\frac{1}{20}$	$\frac{41}{660}$	$\frac{1}{4}$	$\frac{19}{60}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{110}^3\ \Phi_{66}^3\ \Phi_{55}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{22}^3\ \Phi_{20}^3\ \Phi_{11}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
147097	1857	900	$\frac{1}{20}$	$\frac{19}{300}$	$\frac{1}{4}$	$\frac{281}{900}$	$\Phi_{900}^3\ \Phi_{450}^3\ \Phi_{225}^3\ \Phi_{180}^3\ \Phi_{90}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
147098	1857	720	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{101}{720}$	$\frac{43}{144}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
147099	1857	870	$\frac{1}{29}$	$\frac{39}{290}$	$\frac{28}{145}$	$\frac{251}{870}$	$\Phi_{870}^3\ \Phi_{435}^3\ \Phi_{174}^3\ \Phi_{145}\ \Phi_{87}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_6^3\ \Phi_5\ \Phi_3^3\ \Phi_1$
147100	1857	868	$\frac{3}{124}$	$\frac{121}{868}$	$\frac{1}{4}$	$\frac{249}{868}$	$\Phi_{868}^2\ \Phi_{434}^2\ \Phi_{217}^2\ \Phi_{124}^3\ \Phi_{62}^3\ \Phi_{31}^3\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
147101	1857	864	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{43}{288}$	$\frac{245}{864}$	$\Phi_{864}^3\ \Phi_{432}^3\ \Phi_{216}^3\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{48}^3\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
147102	1857	725	$\frac{1}{29}$	$\frac{106}{725}$	$\frac{28}{145}$	$\frac{39}{145}$	$\Phi_{725}^3\ \Phi_{145}\ \Phi_{25}^3\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
147103	1857	1260	$\frac{11}{630}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
147104	1857	832	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{193}{832}$	$\frac{213}{832}$	$\Phi_{832}^2\ \Phi_{416}^2\ \Phi_{208}^3\ \Phi_{104}^3\ \Phi_{64}^2\ \Phi_{52}^3\ \Phi_{32}^2\ \Phi_{26}^3\ \Phi_{16}^2\ \Phi_{13}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
147105	1857	704	$\frac{3}{88}$	$\frac{85}{704}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{704}^3\ \Phi_{352}^3\ \Phi_{176}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
147106	1857	644	$\frac{25}{644}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{644}^3\ \Phi_{322}^3\ \Phi_{161}^3\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{23}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
147107	1857	672	$\frac{3}{56}$	$\frac{53}{672}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
147108	1857	660	$\frac{41}{660}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{110}^3\ \Phi_{66}^3\ \Phi_{60}^3\ \Phi_{55}^3\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
147109	1857	820	$\frac{4}{205}$	$\frac{1}{5}$	$\frac{201}{820}$	$\frac{1}{4}$	$\Phi_{820}^2\ \Phi_{410}^2\ \Phi_{205}^3\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{41}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
147110	1857	800	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{181}{800}$	$\frac{1}{4}$	$\Phi_{800}^3\ \Phi_{400}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
147111	1857	640	$\frac{21}{640}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{128}^3\ \Phi_{80}^2\ \Phi_{64}^3\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
147112	1857	2300	$\frac{17}{460}$	$\frac{3}{20}$	$\frac{443}{2300}$	$\frac{1}{4}$	$\Phi_{2300}\ \Phi_{1150}\ \Phi_{575}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
147113	1857	700	$\frac{1}{20}$	$\frac{81}{700}$	$\frac{19}{100}$	$\frac{1}{4}$	$\Phi_{700}^3\ \Phi_{350}^3\ \Phi_{175}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_7^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
147114	1857	720	$\frac{1}{20}$	$\frac{101}{720}$	$\frac{19}{120}$	$\frac{1}{4}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
147115	1857	768	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{149}{768}$	$\frac{43}{192}$	$\Phi_{768}^3\ \Phi_{384}^3\ \Phi_{256}^3\ \Phi_{128}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
147116	1857	2320	$\frac{1}{29}$	$\frac{28}{145}$	$\frac{463}{2320}$	$\frac{117}{580}$	$\Phi_{2320}\ \Phi_{1160}\ \Phi_{464}\ \Phi_{232}\ \Phi_{145}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_8\ \Phi_5\ \Phi_1$
147117	1858	1854	$\frac{2}{927}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{925}{1854}$	$\Phi_{1854}^2\ \Phi_{618}^2\ \Phi_{206}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
147118	1858	3720	$\frac{1}{310}$	$\frac{311}{1240}$	$\frac{1}{3}$	$\frac{309}{620}$	$\Phi_{3720}\ \Phi_{930}\ \Phi_{744}\ \Phi_{465}\ \Phi_{186}\ \Phi_{120}\ \Phi_{93}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
147119	1858	5550	$\frac{4}{925}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{921}{1850}$	$\Phi_{5550}\ \Phi_{1110}\ \Phi_{222}\ \Phi_{150}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
147120	1858	1116	$\frac{1}{186}$	$\frac{187}{1116}$	$\frac{1}{3}$	$\frac{185}{372}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{279}^2\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{36}^2\ \Phi_{31}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
147121	1858	1848	$\frac{5}{924}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{919}{1848}$	$\Phi_{1848}^2\ \Phi_{616}^2\ \Phi_{264}^2\ \Phi_{168}^2\ \Phi_{88}^2\ \Phi_{56}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
147122	1858	1845	$\frac{13}{1845}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{916}{1845}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{369}\ \Phi_{205}\ \Phi_{123}\ \Phi_{45}\ \Phi_{41}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
147123	1858	5520	$\frac{9}{920}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{911}{1840}$	$\Phi_{5520}\ \Phi_{1104}\ \Phi_{240}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
147124	1858	1830	$\frac{14}{915}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{901}{1830}$	$\Phi_{1830}^2\ \Phi_{610}^2\ \Phi_{366}^2\ \Phi_{122}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
147125	1858	2976	$\frac{1}{62}$	$\frac{63}{992}$	$\frac{1}{3}$	$\frac{61}{124}$	$\Phi_{2976}\ \Phi_{1488}\ \Phi_{744}\ \Phi_{186}\ \Phi_{96}\ \Phi_{93}\ \Phi_{48}\ \Phi_{24}\ \Phi_6$
147126	1858	1800	$\frac{29}{900}$	$\frac{1}{30}$	$\frac{1}{3}$	$\frac{871}{1800}$	$\Phi_{1800}^2\ \Phi_{600}^2\ \Phi_{360}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
147127	1858	960	$\frac{31}{960}$	$\frac{1}{30}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
147128	1858	5394	$\frac{1}{31}$	$\frac{30}{899}$	$\frac{1}{3}$	$\frac{869}{1798}$	$\Phi_{5394}\ \Phi_{186}\ \Phi_{174}\ \Phi_{93}\ \Phi_6$
147129	1858	1767	$\frac{2}{93}$	$\frac{91}{1767}$	$\frac{1}{3}$	$\frac{838}{1767}$	$\Phi_{1767}\ \Phi_{589}\ \Phi_{93}^2\ \Phi_{57}\ \Phi_{31}^2\ \Phi_{19}\ \Phi_3\ \Phi_1^2$
147130	1858	5208	$\frac{1}{62}$	$\frac{61}{868}$	$\frac{1}{3}$	$\frac{807}{1736}$	$\Phi_{5208}\ \Phi_{744}\ \Phi_{186}\ \Phi_{168}\ \Phi_{93}\ \Phi_{24}\ \Phi_6$
147131	1858	2820	$\frac{11}{940}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{705}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
147132	1858	1674	$\frac{1}{93}$	$\frac{92}{837}$	$\frac{1}{3}$	$\frac{745}{1674}$	$\Phi_{1674}^2\ \Phi_{558}^2\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{54}^2\ \Phi_{31}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
147133	1858	936	$\frac{7}{936}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
147134	1858	4650	$\frac{1}{155}$	$\frac{154}{775}$	$\frac{1}{3}$	$\frac{621}{1550}$	$\Phi_{4650}\ \Phi_{930}\ \Phi_{465}\ \Phi_{186}\ \Phi_{150}\ \Phi_{93}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
147135	1858	1488	$\frac{1}{186}$	$\frac{185}{744}$	$\frac{1}{3}$	$\frac{559}{1488}$	$\Phi_{1488}^2\ \Phi_{496}^2\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{48}^2\ \Phi_{31}^2\ \Phi_{16}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
147136	1858	1395	$\frac{2}{465}$	$\frac{463}{1395}$	$\frac{1}{3}$	$\frac{466}{1395}$	$\Phi_{1395}\ \Phi_{465}^2\ \Phi_{279}\ \Phi_{155}^2\ \Phi_{93}^2\ \Phi_{45}\ \Phi_{31}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
147137	1858	1236	$\frac{2}{309}$	$\frac{307}{1236}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1236}^2\ \Phi_{618}^2\ \Phi_{412}^2\ \Phi_{206}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
147138	1858	936	$\frac{7}{936}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
147139	1858	1116	$\frac{1}{93}$	$\frac{187}{1116}$	$\frac{92}{279}$	$\frac{1}{3}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{372}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{36}^2\ \Phi_{31}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
147140	1858	1386	$\frac{5}{462}$	$\frac{1}{6}$	$\frac{457}{1386}$	$\frac{1}{3}$	$\Phi_{1386}^2\ \Phi_{693}^2\ \Phi_{198}^2\ \Phi_{126}^2\ \Phi_{99}^2\ \Phi_{63}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
147141	1858	1380	$\frac{9}{460}$	$\frac{1}{10}$	$\frac{451}{1380}$	$\frac{1}{3}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}^2\ \Phi_{345}\ \Phi_{276}\ \Phi_{230}^2\ \Phi_{138}\ \Phi_{115}^2\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{60}\ \Phi_{46}^2\ \Phi_{30}^2\ \Phi_{23}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
147142	1858	990	$\frac{1}{30}$	$\frac{61}{990}$	$\frac{29}{90}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
147143	1858	1350	$\frac{1}{30}$	$\frac{29}{450}$	$\frac{421}{1350}$	$\frac{1}{3}$	$\Phi_{1350}^2\ \Phi_{675}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{54}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
147144	1858	945	$\frac{16}{945}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
147145	1858	1302	$\frac{1}{62}$	$\frac{61}{434}$	$\frac{373}{1302}$	$\frac{1}{3}$	$\Phi_{1302}\ \Phi_{651}\ \Phi_{434}^2\ \Phi_{217}^2\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{42}\ \Phi_{31}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
147146	1858	1230	$\frac{13}{615}$	$\frac{2}{15}$	$\frac{301}{1230}$	$\frac{1}{3}$	$\Phi_{1230}^2\ \Phi_{615}\ \Phi_{410}^2\ \Phi_{246}^2\ \Phi_{205}\ \Phi_{123}\ \Phi_{82}^2\ \Phi_{41}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
147147	1858	1200	$\frac{1}{30}$	$\frac{29}{300}$	$\frac{271}{1200}$	$\frac{1}{3}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
147148	1858	960	$\frac{31}{960}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
147149	1858	1110	$\frac{4}{185}$	$\frac{181}{1110}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1110}^2\ \Phi_{555}\ \Phi_{370}^2\ \Phi_{222}^2\ \Phi_{185}^2\ \Phi_{111}\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
147150	1858	2850	$\frac{21}{950}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2850}\ \Phi_{1425}\ \Phi_{570}\ \Phi_{285}\ \Phi_{150}\ \Phi_{114}\ \Phi_{57}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
147151	1858	1050	$\frac{1}{30}$	$\frac{121}{1050}$	$\frac{29}{150}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
147152	1858	3450	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{221}{1150}$	$\frac{1}{3}$	$\Phi_{3450}\ \Phi_{1725}\ \Phi_{150}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
147153	1858	1056	$\frac{5}{132}$	$\frac{127}{1056}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{96}^2\ \Phi_{88}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
147154	1858	966	$\frac{37}{966}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
147155	1858	1008	$\frac{5}{84}$	$\frac{79}{1008}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
147156	1858	990	$\frac{61}{990}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
147157	1858	1080	$\frac{1}{30}$	$\frac{151}{1080}$	$\frac{29}{180}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
147158	1859	1680	$\frac{1}{168}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{167}{336}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^3\ \Phi_{240}^2\ \Phi_{112}^3\ \Phi_{80}^2\ \Phi_{48}^3\ \Phi_{20}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
147159	1859	1680	$\frac{1}{168}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{167}{336}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^3\ \Phi_{240}^2\ \Phi_{112}^3\ \Phi_{80}^2\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{15}\ \Phi_3\ \Phi_1$
147160	1859	1704	$\frac{1}{142}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{141}{284}$	$\Phi_{1704}^2\ \Phi_{568}^2\ \Phi_{284}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
147161	1859	4260	$\frac{1}{142}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{141}{284}$	$\Phi_{4260}\ \Phi_{1420}\ \Phi_{284}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_5\ \Phi_4\ \Phi_1$
147162	1859	2556	$\frac{1}{142}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{141}{284}$	$\Phi_{2556}^2\ \Phi_{284}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
147163	1859	1136	$\frac{1}{142}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{141}{284}$	$\Phi_{1136}^2\ \Phi_{568}^2\ \Phi_{284}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
147164	1859	1974	$\frac{2}{141}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{139}{282}$	$\Phi_{1974}\ \Phi_{987}\ \Phi_{658}\ \Phi_{329}\ \Phi_{141}\ \Phi_{47}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
147165	1859	1344	$\frac{1}{48}$	$\frac{1}{14}$	$\frac{49}{192}$	$\frac{47}{96}$	$\Phi_{1344}^2\ \Phi_{448}^2\ \Phi_{336}^2\ \Phi_{192}\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{64}\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
147166	1859	280	$\frac{3}{140}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{137}{280}$	$\Phi_{280}^{13}\ \Phi_{56}^{13}\ \Phi_{40}^{13}\ \Phi_{28}^{2}\ \Phi_{14}\ \Phi_{8}^{13}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
147167	1859	660	$\frac{4}{165}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{161}{330}$	$\Phi_{660}^{3}\ \Phi_{330}^{2}\ \Phi_{220}^{3}\ \Phi_{165}^{3}\ \Phi_{132}^{3}\ \Phi_{110}^{2}\ \Phi_{66}^{2}\ \Phi_{60}^{4}\ \Phi_{55}^{3}\ \Phi_{44}^{3}\ \Phi_{33}^{3}\ \Phi_{30}^{3}\ \Phi_{22}^{2}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{11}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
147168	1859	204	$\frac{1}{34}$	$\frac{1}{12}$	$\frac{35}{204}$	$\frac{33}{68}$	$\Phi_{204}^{9}\ \Phi_{102}^{9}\ \Phi_{68}^{10}\ \Phi_{51}^{9}\ \Phi_{34}^{9}\ \Phi_{17}^{9}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{9}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
147169	1859	1932	$\frac{5}{138}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{133}{276}$	$\Phi_{1932}^{2}\ \Phi_{644}^{2}\ \Phi_{276}\ \Phi_{92}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
147170	1859	1904	$\frac{7}{136}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{129}{272}$	$\Phi_{1904}^{2}\ \Phi_{272}\ \Phi_{112}^{2}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
147171	1859	960	$\frac{9}{160}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{151}{320}$	$\Phi_{960}^{4}\ \Phi_{320}^{3}\ \Phi_{192}^{4}\ \Phi_{64}^{3}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
147172	1859	1890	$\frac{8}{135}$	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{127}{270}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}^{2}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}^{2}\ \Phi_{45}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}^{2}\ \Phi_{18}\ \Phi_{15}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
147173	1859	1120	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{17}{160}$	$\frac{15}{32}$	$\Phi_{1120}^{2}\ \Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{160}\ \Phi_{140}^{2}\ \Phi_{112}^{2}\ \Phi_{80}\ \Phi_{70}^{2}\ \Phi_{56}^{2}\ \Phi_{40}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
147174	1859	1704	$\frac{1}{71}$	$\frac{1}{12}$	$\frac{70}{213}$	$\frac{11}{24}$	$\Phi_{1704}^{2}\ \Phi_{568}^{2}\ \Phi_{213}\ \Phi_{24}^{3}\ \Phi_{8}^{3}\ \Phi_{3}\ \Phi_{1}$
147175	1859	1704	$\frac{5}{71}$	$\frac{1}{12}$	$\frac{6}{71}$	$\frac{11}{24}$	$\Phi_{1704}^{2}\ \Phi_{568}^{2}\ \Phi_{71}^{2}\ \Phi_{24}^{3}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
147176	1859	168	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{24}$	$\Phi_{168}^{22}\ \Phi_{84}^{2}\ \Phi_{56}^{22}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{11}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}^{11}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
147177	1859	3420	$\frac{2}{171}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{228}\ \Phi_{180}\ \Phi_{171}\ \Phi_{76}\ \Phi_{57}\ \Phi_{36}\ \Phi_{20}\ \Phi_{19}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
147178	1859	1260	$\frac{1}{84}$	$\frac{1}{10}$	$\frac{83}{252}$	$\frac{9}{20}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{252}^{3}\ \Phi_{180}^{2}\ \Phi_{126}^{3}\ \Phi_{90}^{2}\ \Phi_{63}^{3}\ \Phi_{45}^{2}\ \Phi_{36}^{3}\ \Phi_{20}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{4}\ \Phi_{1}$
147179	1859	860	$\frac{3}{172}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{860}^{2}\ \Phi_{430}^{2}\ \Phi_{215}^{2}\ \Phi_{172}^{3}\ \Phi_{86}^{3}\ \Phi_{43}^{3}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
147180	1859	1120	$\frac{1}{56}$	$\frac{1}{10}$	$\frac{55}{224}$	$\frac{9}{20}$	$\Phi_{1120}^{2}\ \Phi_{560}^{2}\ \Phi_{224}^{3}\ \Phi_{160}^{2}\ \Phi_{112}^{3}\ \Phi_{80}^{2}\ \Phi_{32}^{3}\ \Phi_{20}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
147181	1859	420	$\frac{1}{42}$	$\frac{1}{10}$	$\frac{41}{210}$	$\frac{9}{20}$	$\Phi_{420}^{8}\ \Phi_{210}\ \Phi_{140}^{8}\ \Phi_{105}\ \Phi_{84}^{8}\ \Phi_{70}\ \Phi_{60}^{8}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^{8}\ \Phi_{20}^{9}\ \Phi_{15}\ \Phi_{12}^{8}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}^{9}\ \Phi_{1}$
147182	1859	1740	$\frac{5}{174}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{1740}^{2}\ \Phi_{580}^{2}\ \Phi_{348}^{2}\ \Phi_{174}\ \Phi_{116}^{2}\ \Phi_{87}\ \Phi_{58}\ \Phi_{29}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
147183	1859	700	$\frac{6}{175}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{700}^{5}\ \Phi_{175}\ \Phi_{140}^{4}\ \Phi_{100}^{5}\ \Phi_{35}\ \Phi_{28}^{4}\ \Phi_{25}\ \Phi_{20}^{5}\ \Phi_{5}\ \Phi_{4}^{5}\ \Phi_{1}$
147184	1859	980	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{27}{196}$	$\frac{9}{20}$	$\Phi_{980}^{2}\ \Phi_{490}^{2}\ \Phi_{245}^{2}\ \Phi_{196}^{3}\ \Phi_{98}^{3}\ \Phi_{49}^{3}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
147185	1859	880	$\frac{7}{176}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{880}^{2}\ \Phi_{440}^{2}\ \Phi_{220}^{2}\ \Phi_{176}^{3}\ \Phi_{110}^{2}\ \Phi_{88}^{3}\ \Phi_{80}^{2}\ \Phi_{55}^{2}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{20}\ \Phi_{16}^{3}\ \Phi_{11}^{3}\ \Phi_{4}\ \Phi_{1}$
147186	1859	960	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{23}{192}$	$\frac{9}{20}$	$\Phi_{960}^{2}\ \Phi_{480}^{2}\ \Phi_{320}^{2}\ \Phi_{240}^{2}\ \Phi_{192}^{3}\ \Phi_{160}^{2}\ \Phi_{96}^{3}\ \Phi_{80}^{2}\ \Phi_{64}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{20}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
147187	1859	3780	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{20}{189}$	$\frac{9}{20}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{252}\ \Phi_{189}\ \Phi_{180}\ \Phi_{108}\ \Phi_{63}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
147188	1859	180	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{60}^{9}\ \Phi_{45}^{11}\ \Phi_{36}^{11}\ \Phi_{30}^{9}\ \Phi_{20}^{10}\ \Phi_{18}^{11}\ \Phi_{15}^{9}\ \Phi_{12}^{8}\ \Phi_{10}^{9}\ \Phi_{9}^{11}\ \Phi_{6}^{8}\ \Phi_{5}^{9}\ \Phi_{4}^{9}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
147189	1859	140	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{140}^{24}\ \Phi_{28}^{24}\ \Phi_{20}^{25}\ \Phi_{14}^{12}\ \Phi_{7}^{12}\ \Phi_{4}^{25}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
147190	1859	612	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{16}{153}$	$\frac{137}{306}$	$\Phi_{612}^{3}\ \Phi_{306}^{2}\ \Phi_{204}^{4}\ \Phi_{153}^{3}\ \Phi_{102}^{3}\ \Phi_{68}^{4}\ \Phi_{51}^{4}\ \Phi_{36}^{3}\ \Phi_{34}^{3}\ \Phi_{18}^{2}\ \Phi_{17}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
147191	1859	1792	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{15}{128}$	$\frac{113}{256}$	$\Phi_{1792}^{2}\ \Phi_{256}\ \Phi_{112}^{2}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
147192	1859	252	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{17}{126}$	$\frac{109}{252}$	$\Phi_{252}^{13}\ \Phi_{126}^{2}\ \Phi_{84}^{13}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{13}\ \Phi_{28}^{13}\ \Phi_{21}^{2}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}^{13}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}^{13}\ \Phi_{3}\ \Phi_{1}$
147193	1859	1680	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{23}{120}$	$\frac{97}{240}$	$\Phi_{1680}^{2}\ \Phi_{560}^{2}\ \Phi_{336}^{2}\ \Phi_{240}\ \Phi_{168}^{2}\ \Phi_{112}^{2}\ \Phi_{84}^{2}\ \Phi_{80}\ \Phi_{56}^{2}\ \Phi_{48}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
147194	1859	1530	$\frac{1}{170}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}^{2}\ \Phi_{306}\ \Phi_{255}^{2}\ \Phi_{170}\ \Phi_{153}\ \Phi_{102}^{2}\ \Phi_{90}\ \Phi_{85}\ \Phi_{51}^{2}\ \Phi_{45}\ \Phi_{34}\ \Phi_{30}^{2}\ \Phi_{17}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
147195	1859	816	$\frac{1}{34}$	$\frac{1}{12}$	$\frac{33}{136}$	$\frac{103}{272}$	$\Phi_{816}^{4}\ \Phi_{272}^{3}\ \Phi_{204}^{2}\ \Phi_{102}^{2}\ \Phi_{68}^{2}\ \Phi_{51}^{2}\ \Phi_{48}^{4}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}^{3}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
147196	1859	1360	$\frac{1}{170}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1360}^2\,\Phi_{340}^2\,\Phi_{272}^2\,\Phi_{170}\,\Phi_{85}\,\Phi_{80}^2\,\Phi_{68}^2\,\Phi_{34}\,\Phi_{20}^2\,\Phi_{17}\,\Phi_{16}\,\Phi_{10}\,\Phi_5\,\Phi_4\,\Phi_1$
147197	1859	1512	$\frac{1}{36}$	$\frac{1}{14}$	$\frac{35}{108}$	$\frac{73}{216}$	$\Phi_{1512}^2\,\Phi_{504}^2\,\Phi_{252}^2\,\Phi_{216}\,\Phi_{168}^2\,\Phi_{126}^2\,\Phi_{84}^2\,\Phi_{72}\,\Phi_{63}^2\,\Phi_{56}^2\,\Phi_{42}^2\,\Phi_{36}\,\Phi_{28}^2\,\Phi_{24}\,\Phi_{21}^2\,\Phi_{18}\,\Phi_{14}\,\Phi_{12}\,\Phi_9\,\Phi_8\,\Phi_7\,\Phi_6\,\Phi_4\,\Phi_3\,\Phi_1$
147198	1859	1065	$\frac{1}{71}$	$\frac{2}{15}$	$\frac{70}{213}$	$\frac{1}{3}$	$\Phi_{1065}^2\,\Phi_{355}^2\,\Phi_{213}\,\Phi_{15}^3\,\Phi_5^3\,\Phi_3\,\Phi_1$
147199	1859	855	$\frac{2}{171}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{855}^2\,\Phi_{285}^2\,\Phi_{171}^3\,\Phi_{95}^2\,\Phi_{57}^3\,\Phi_{45}^2\,\Phi_{19}^3\,\Phi_{15}\,\Phi_9^3\,\Phi_3\,\Phi_1$
147200	1859	1065	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1065}^2\,\Phi_{355}^2\,\Phi_{71}^2\,\Phi_{15}^3\,\Phi_5^3\,\Phi_1^3$
147201	1859	420	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{420}^6\,\Phi_{210}^5\,\Phi_{140}^6\,\Phi_{105}^5\,\Phi_{84}^2\,\Phi_{70}^5\,\Phi_{60}^3\,\Phi_{42}^2\,\Phi_{35}^5\,\Phi_{30}^2\,\Phi_{28}^2\,\Phi_{21}^2\,\Phi_{20}^3\,\Phi_{15}^3\,\Phi_{14}\,\Phi_{12}\,\Phi_{10}^2\,\Phi_7\,\Phi_6\,\Phi_5^3\,\Phi_4\,\Phi_3\,\Phi_1$
147202	1859	1260	$\frac{1}{84}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{83}{252}$	$\Phi_{1260}^2\,\Phi_{630}^2\,\Phi_{315}^2\,\Phi_{252}^3\,\Phi_{180}^2\,\Phi_{126}^3\,\Phi_{90}^2\,\Phi_{63}^3\,\Phi_{45}^2\,\Phi_{36}^3\,\Phi_{18}^3\,\Phi_{15}\,\Phi_9^3\,\Phi_3\,\Phi_1$
147203	1859	1278	$\frac{1}{71}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{70}{213}$	$\Phi_{1278}^2\,\Phi_{639}^2\,\Phi_{213}\,\Phi_{18}^3\,\Phi_9^3\,\Phi_3\,\Phi_1$
147204	1859	3408	$\frac{1}{71}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{70}{213}$	$\Phi_{3408}\,\Phi_{1704}\,\Phi_{213}\,\Phi_{48}\,\Phi_{24}\,\Phi_{16}\,\Phi_8\,\Phi_3\,\Phi_1$
147205	1859	152	$\frac{1}{19}$	$\frac{9}{152}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{152}^{13}\,\Phi_{76}^{11}\,\Phi_{38}^{11}\,\Phi_{19}^{13}\,\Phi_8^{13}\,\Phi_4^{10}\,\Phi_2^{10}\,\Phi_1^{13}$
147206	1859	204	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{35}{204}$	$\frac{16}{51}$	$\Phi_{204}^9\,\Phi_{102}^9\,\Phi_{68}^9\,\Phi_{51}^{10}\,\Phi_{34}^9\,\Phi_{17}^9\,\Phi_{12}^8\,\Phi_6^8\,\Phi_4^8\,\Phi_3^9\,\Phi_2^8\,\Phi_1^9$
147207	1859	112	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{3}{16}$	$\frac{5}{16}$	$\Phi_{112}^{18}\,\Phi_{56}^{18}\,\Phi_{28}^{18}\,\Phi_{16}^9\,\Phi_{14}^{17}\,\Phi_8^9\,\Phi_7^{17}\,\Phi_4^9\,\Phi_2^8\,\Phi_1^9$
147208	1859	1134	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{19}{162}$	$\frac{8}{27}$	$\Phi_{1134}^2\,\Phi_{567}^2\,\Phi_{378}\,\Phi_{189}\,\Phi_{162}\,\Phi_{126}^2\,\Phi_{81}\,\Phi_{63}^2\,\Phi_{42}^2\,\Phi_{27}\,\Phi_{21}^2\,\Phi_{18}\,\Phi_{14}\,\Phi_9\,\Phi_7\,\Phi_6\,\Phi_3\,\Phi_1$
147209	1859	240	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{240}$	$\Phi_{240}^7\,\Phi_{120}^7\,\Phi_{80}^8\,\Phi_{60}^9\,\Phi_{48}^7\,\Phi_{40}^8\,\Phi_{30}^9\,\Phi_{24}^7\,\Phi_{20}^{10}\,\Phi_{16}^8\,\Phi_{15}^9\,\Phi_{12}^8\,\Phi_{10}^9\,\Phi_8^8\,\Phi_6^8\,\Phi_5^9\,\Phi_4^9\,\Phi_3^8\,\Phi_2^8\,\Phi_1^9$
147210	1859	1278	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1278}^2\,\Phi_{639}^2\,\Phi_{71}^2\,\Phi_{18}^3\,\Phi_9^3\,\Phi_1^3$
147211	1859	252	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{252}^{12}\,\Phi_{126}^{10}\,\Phi_{84}^2\,\Phi_{63}^{10}\,\Phi_{42}^2\,\Phi_{36}^6\,\Phi_{28}^2\,\Phi_{21}^2\,\Phi_{18}^5\,\Phi_{14}\,\Phi_{12}\,\Phi_9^5\,\Phi_7\,\Phi_6\,\Phi_4\,\Phi_3\,\Phi_1$
147212	1859	2580	$\frac{3}{172}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{2580}\,\Phi_{1290}\,\Phi_{645}\,\Phi_{516}\,\Phi_{258}\,\Phi_{172}\,\Phi_{129}\,\Phi_{86}\,\Phi_{43}\,\Phi_{15}\,\Phi_3\,\Phi_1$
147213	1859	3360	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{55}{224}$	$\frac{4}{15}$	$\Phi_{3360}\,\Phi_{1680}\,\Phi_{672}\,\Phi_{480}\,\Phi_{336}\,\Phi_{240}\,\Phi_{224}\,\Phi_{112}\,\Phi_{96}\,\Phi_{48}\,\Phi_{32}\,\Phi_{16}\,\Phi_{15}\,\Phi_3\,\Phi_1$
147214	1859	210	$\frac{1}{42}$	$\frac{41}{210}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{210}^9\,\Phi_{105}^9\,\Phi_{70}^9\,\Phi_{42}^8\,\Phi_{35}^9\,\Phi_{30}^9\,\Phi_{21}^8\,\Phi_{15}^{10}\,\Phi_{14}^8\,\Phi_{10}^9\,\Phi_7^8\,\Phi_6^8\,\Phi_5^9\,\Phi_3^9\,\Phi_2^8\,\Phi_1^9$
147215	1859	870	$\frac{5}{174}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{870}^2\,\Phi_{435}^2\,\Phi_{290}^2\,\Phi_{174}^3\,\Phi_{145}^2\,\Phi_{87}^3\,\Phi_{58}^3\,\Phi_{29}^3\,\Phi_{15}\,\Phi_3\,\Phi_1$
147216	1859	525	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{525}^5\,\Phi_{175}\,\Phi_{105}^4\,\Phi_{75}^5\,\Phi_{35}\,\Phi_{25}\,\Phi_{21}^4\,\Phi_{15}^5\,\Phi_5\,\Phi_3^5\,\Phi_1$
147217	1859	2940	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2940}\,\Phi_{1470}\,\Phi_{735}\,\Phi_{588}\,\Phi_{294}\,\Phi_{196}\,\Phi_{147}\,\Phi_{98}\,\Phi_{49}\,\Phi_{15}\,\Phi_3\,\Phi_1$
147218	1859	2640	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2640}\,\Phi_{1320}\,\Phi_{660}\,\Phi_{528}\,\Phi_{330}\,\Phi_{264}\,\Phi_{240}\,\Phi_{176}\,\Phi_{165}\,\Phi_{132}\,\Phi_{88}\,\Phi_{66}\,\Phi_{48}\,\Phi_{44}\,\Phi_{33}\,\Phi_{22}\,\Phi_{16}\,\Phi_{15}\,\Phi_{11}\,\Phi_3\,\Phi_1$
147219	1859	960	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{960}^2\,\Phi_{480}^2\,\Phi_{320}^2\,\Phi_{240}^2\,\Phi_{192}^3\,\Phi_{160}^2\,\Phi_{96}^3\,\Phi_{80}^2\,\Phi_{64}^3\,\Phi_{48}^3\,\Phi_{32}^3\,\Phi_{16}^3\,\Phi_{15}\,\Phi_3\,\Phi_1$
147220	1859	945	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{945}^2\,\Phi_{315}^2\,\Phi_{189}^3\,\Phi_{135}^2\,\Phi_{63}^3\,\Phi_{45}^2\,\Phi_{27}^3\,\Phi_{15}\,\Phi_9^3\,\Phi_3\,\Phi_1$
147221	1859	180	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{180}^{11}\,\Phi_{90}^{11}\,\Phi_{60}^9\,\Phi_{45}^{11}\,\Phi_{36}^{11}\,\Phi_{30}^9\,\Phi_{20}^9\,\Phi_{18}^{11}\,\Phi_{15}^{10}\,\Phi_{12}^8\,\Phi_{10}^9\,\Phi_9^{11}\,\Phi_6^8\,\Phi_5^9\,\Phi_4^8\,\Phi_3^9\,\Phi_2^8\,\Phi_1^9$
147222	1859	210	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{210}^{12}\,\Phi_{105}^{12}\,\Phi_{42}^{12}\,\Phi_{30}^{12}\,\Phi_{21}^{12}\,\Phi_{15}^{13}\,\Phi_{14}^{12}\,\Phi_7^{12}\,\Phi_6^{12}\,\Phi_3^{13}\,\Phi_2^{12}\,\Phi_1^{13}$
147223	1859	1344	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{15}{64}$	$\frac{49}{192}$	$\Phi_{1344}^2\,\Phi_{672}^2\,\Phi_{336}^2\,\Phi_{192}\,\Phi_{168}^2\,\Phi_{112}^2\,\Phi_{96}\,\Phi_{84}^2\,\Phi_{56}^2\,\Phi_{48}\,\Phi_{42}^2\,\Phi_{28}^2\,\Phi_{24}\,\Phi_{21}^2\,\Phi_{16}\,\Phi_{14}\,\Phi_{12}\,\Phi_8\,\Phi_7\,\Phi_6\,\Phi_4\,\Phi_3\,\Phi_1$
147224	1859	1136	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1136}^2\,\Phi_{568}^2\,\Phi_{71}^2\,\Phi_{16}^3\,\Phi_8^3\,\Phi_1^3$
147225	1859	336	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{336}^8\,\Phi_{168}^8\,\Phi_{112}^6\,\Phi_{84}^2\,\Phi_{56}^6\,\Phi_{48}^4\,\Phi_{42}^2\,\Phi_{28}^2\,\Phi_{24}^4\,\Phi_{21}^2\,\Phi_{16}^3\,\Phi_{14}\,\Phi_{12}\,\Phi_8^3\,\Phi_7\,\Phi_6\,\Phi_4\,\Phi_3\,\Phi_1$
147226	1859	1120	$\frac{1}{14}$	$\frac{17}{160}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1120}^2\,\Phi_{560}^2\,\Phi_{280}^2\,\Phi_{224}^2\,\Phi_{160}\,\Phi_{112}^2\,\Phi_{80}\,\Phi_{56}^2\,\Phi_{40}\,\Phi_{32}\,\Phi_{28}^2\,\Phi_{16}\,\Phi_{14}\,\Phi_8\,\Phi_7\,\Phi_4\,\Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
147227	1859	168	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{25}{168}$	$\frac{1}{4}$	$\Phi_{168}^{13}\ \Phi_{84}^{13}\ \Phi_{56}^{13}\ \Phi_{42}^{13}\ \Phi_{28}^{2}\ \Phi_{24}^{13}\ \Phi_{21}^{13}\ \Phi_{14}\ \Phi_{12}^{13}\ \Phi_{8}^{13}\ \Phi_{7}\ \Phi_{6}^{13}\ \Phi_{4}\ \Phi_{3}^{13}\ \Phi_{1}$
147228	1859	660	$\frac{4}{55}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{51}{220}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{220}^{2}\ \Phi_{165}^{3}\ \Phi_{132}^{3}\ \Phi_{110}^{2}\ \Phi_{66}^{3}\ \Phi_{60}^{4}\ \Phi_{55}^{3}\ \Phi_{44}^{2}\ \Phi_{33}^{3}\ \Phi_{30}^{4}\ \Phi_{22}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{11}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{3}\ \Phi_{1}^{3}$
147229	1859	600	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{31}{200}$	$\frac{9}{40}$	$\Phi_{600}^{4}\ \Phi_{300}^{4}\ \Phi_{200}^{3}\ \Phi_{150}^{4}\ \Phi_{100}^{3}\ \Phi_{75}^{4}\ \Phi_{60}^{2}\ \Phi_{50}^{3}\ \Phi_{30}^{2}\ \Phi_{25}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
147230	1859	1260	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{180}$	$\Phi_{1260}^{2}\ \Phi_{630}\ \Phi_{420}^{2}\ \Phi_{315}\ \Phi_{252}^{2}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}^{2}\ \Phi_{126}^{2}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{70}\ \Phi_{63}^{2}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}^{2}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
147231	1860	2784	$\frac{1}{464}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{463}{928}$	$\Phi_{2784}\ \Phi_{928}^{2}\ \Phi_{96}\ \Phi_{32}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
147232	1860	2968	$\frac{1}{371}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{185}{371}$	$\Phi_{2968}\ \Phi_{424}\ \Phi_{371}\ \Phi_{56}\ \Phi_{53}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
147233	1860	1545	$\frac{1}{309}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{154}{309}$	$\Phi_{1545}\ \Phi_{515}\ \Phi_{309}^{2}\ \Phi_{103}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
147234	1860	1236	$\frac{1}{309}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{154}{309}$	$\Phi_{1236}^{2}\ \Phi_{618}^{2}\ \Phi_{412}^{2}\ \Phi_{206}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
147235	1860	1859	$\frac{7}{1859}$	$\frac{311}{1859}$	$\frac{774}{1859}$	$\frac{926}{1859}$	$\Phi_{1859}\ \Phi_{169}\ \Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
147236	1860	828	$\frac{1}{207}$	$\frac{1}{4}$	$\frac{52}{207}$	$\frac{103}{207}$	$\Phi_{828}^{3}\ \Phi_{414}^{3}\ \Phi_{276}^{3}\ \Phi_{138}^{3}\ \Phi_{92}^{3}\ \Phi_{46}^{3}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
147237	1860	1859	$\frac{9}{1859}$	$\frac{464}{1859}$	$\frac{467}{1859}$	$\frac{925}{1859}$	$\Phi_{1859}\ \Phi_{169}\ \Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
147238	1860	2793	$\frac{5}{931}$	$\frac{156}{931}$	$\frac{1}{3}$	$\frac{463}{931}$	$\Phi_{2793}\ \Phi_{399}\ \Phi_{147}\ \Phi_{57}\ \Phi_{21}$
147239	1860	1665	$\frac{1}{185}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{92}{185}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{333}\ \Phi_{185}^{2}\ \Phi_{111}\ \Phi_{45}\ \Phi_{37}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
147240	1860	1110	$\frac{1}{185}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{92}{185}$	$\Phi_{1110}^{2}\ \Phi_{555}\ \Phi_{370}^{2}\ \Phi_{222}^{2}\ \Phi_{185}^{2}\ \Phi_{111}\ \Phi_{74}^{2}\ \Phi_{37}^{2}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
147241	1860	169	$\frac{1}{169}$	$\frac{17}{169}$	$\frac{76}{169}$	$\frac{84}{169}$	$\Phi_{169}^{11}\ \Phi_{13}^{11}\ \Phi_{1}^{12}$
147242	1860	308	$\frac{1}{154}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{153}{308}$	$\Phi_{308}^{12}\ \Phi_{44}^{12}\ \Phi_{28}^{12}\ \Phi_{11}\ \Phi_{4}^{12}\ \Phi_{1}^{2}$
147243	1860	924	$\frac{1}{154}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{153}{308}$	$\Phi_{924}^{6}\ \Phi_{132}^{6}\ \Phi_{84}^{6}\ \Phi_{21}\ \Phi_{12}^{6}$
147244	1860	308	$\frac{1}{154}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{153}{308}$	$\Phi_{308}^{12}\ \Phi_{44}^{12}\ \Phi_{28}^{12}\ \Phi_{11}\ \Phi_{4}^{12}\ \Phi_{1}^{2}$
147245	1860	1540	$\frac{1}{154}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{153}{308}$	$\Phi_{1540}\ \Phi_{770}^{2}\ \Phi_{385}^{2}\ \Phi_{220}\ \Phi_{140}\ \Phi_{110}^{2}\ \Phi_{70}^{2}\ \Phi_{55}^{2}\ \Phi_{35}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
147246	1860	286	$\frac{1}{143}$	$\frac{12}{143}$	$\frac{131}{286}$	$\frac{71}{143}$	$\Phi_{286}^{12}\ \Phi_{143}\ \Phi_{26}^{12}\ \Phi_{22}^{12}\ \Phi_{13}\ \Phi_{11}\ \Phi_{2}^{12}\ \Phi_{1}^{2}$
147247	1860	429	$\frac{1}{143}$	$\frac{24}{143}$	$\frac{119}{429}$	$\frac{71}{143}$	$\Phi_{429}^{6}\ \Phi_{143}\ \Phi_{39}^{6}\ \Phi_{33}^{6}\ \Phi_{13}\ \Phi_{11}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
147248	1860	572	$\frac{1}{143}$	$\frac{107}{572}$	$\frac{36}{143}$	$\frac{71}{143}$	$\Phi_{572}^{4}\ \Phi_{286}^{4}\ \Phi_{143}\ \Phi_{52}^{4}\ \Phi_{44}^{4}\ \Phi_{26}^{4}\ \Phi_{22}^{4}\ \Phi_{13}\ \Phi_{11}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
147249	1860	1596	$\frac{1}{133}$	$\frac{67}{532}$	$\frac{1}{3}$	$\frac{66}{133}$	$\Phi_{1596}^{2}\ \Phi_{798}^{2}\ \Phi_{399}\ \Phi_{228}^{2}\ \Phi_{114}^{2}\ \Phi_{84}^{2}\ \Phi_{57}\ \Phi_{42}^{2}\ \Phi_{21}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
147250	1860	923	$\frac{7}{923}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{458}{923}$	$\Phi_{923}^{2}\ \Phi_{71}^{2}\ \Phi_{13}^{3}\ \Phi_{1}^{4}$
147251	1860	2238	$\frac{3}{373}$	$\frac{1}{6}$	$\frac{94}{373}$	$\frac{185}{373}$	$\Phi_{2238}\ \Phi_{1119}\ \Phi_{746}$
147252	1860	3444	$\frac{1}{123}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{61}{123}$	$\Phi_{3444}\ \Phi_{1148}\ \Phi_{492}\ \Phi_{164}\ \Phi_{123}\ \Phi_{84}\ \Phi_{41}\ \Phi_{28}^{2}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
147253	1860	861	$\frac{1}{123}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{61}{123}$	$\Phi_{861}^{2}\ \Phi_{287}^{2}\ \Phi_{123}^{3}\ \Phi_{41}^{3}\ \Phi_{21}^{2}\ \Phi_{7}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
147254	1860	492	$\frac{1}{123}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{61}{123}$	$\Phi_{492}^{5}\ \Phi_{246}^{2}\ \Phi_{164}^{5}\ \Phi_{123}^{3}\ \Phi_{82}^{2}\ \Phi_{41}^{3}\ \Phi_{12}^{7}\ \Phi_{6}^{3}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
147255	1860	1859	$\frac{17}{1859}$	$\frac{278}{1859}$	$\frac{469}{1859}$	$\frac{921}{1859}$	$\Phi_{1859}\ \Phi_{169}\ \Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
147256	1860	2793	$\frac{9}{931}$	$\frac{94}{931}$	$\frac{1}{3}$	$\frac{461}{931}$	$\Phi_{2793}\ \Phi_{399}\ \Phi_{147}\ \Phi_{57}\ \Phi_{21}$
147257	1860	3496	$\frac{1}{92}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{91}{184}$	$\Phi_{3496}\ \Phi_{184}^{2}\ \Phi_{152}\ \Phi_{19}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
147258	1860	6072	$\frac{1}{92}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{91}{184}$	$\Phi_{6072}\ \Phi_{264}\ \Phi_{33}$
147259	1860	3496	$\frac{1}{92}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{91}{184}$	$\Phi_{3496}\ \Phi_{184}^{2}\ \Phi_{152}\ \Phi_{19}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
147260	1860	2760	$\frac{1}{92}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{91}{184}$	$\Phi_{2760}^{2}\ \Phi_{920}\ \Phi_{120}^{2}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
147261	1860	1859	$\frac{21}{1859}$	$\frac{188}{1859}$	$\frac{557}{1859}$	$\frac{919}{1859}$	$\Phi_{1859}\ \Phi_{169}\ \Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
147262	1860	3978	$\frac{2}{153}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{151}{306}$	$\Phi_{3978}\ \Phi_{1326}\ \Phi_{442}\ \Phi_{234}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
147263	1860	612	$\frac{2}{153}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{151}{306}$	$\Phi_{612}^{4}\ \Phi_{204}^{4}\ \Phi_{153}^{4}\ \Phi_{68}^{4}\ \Phi_{51}^{4}\ \Phi_{36}^{5}\ \Phi_{18}\ \Phi_{17}^{4}\ \Phi_{12}^{5}\ \Phi_{9}^{4}\ \Phi_{6}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
147264	1860	2238	$\frac{5}{373}$	$\frac{1}{6}$	$\frac{63}{373}$	$\frac{184}{373}$	$\Phi_{2238}\ \Phi_{1119}\ \Phi_{746}$
147265	1860	1859	$\frac{25}{1859}$	$\frac{309}{1859}$	$\frac{314}{1859}$	$\frac{917}{1859}$	$\Phi_{1859}\ \Phi_{169}\ \Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
147266	1860	276	$\frac{1}{69}$	$\frac{7}{69}$	$\frac{1}{4}$	$\frac{34}{69}$	$\Phi_{276}^{9}\ \Phi_{138}^{9}\ \Phi_{92}^{9}\ \Phi_{46}^{9}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}$
147267	1860	611	$\frac{9}{611}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{301}{611}$	$\Phi_{611}^{3}\ \Phi_{47}^{3}\ \Phi_{13}^{5}\ \Phi_{1}^{6}$
147268	1860	1769	$\frac{1}{61}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{30}{61}$	$\Phi_{1769}\ \Phi_{61}^{2}\ \Phi_{29}^{2}\ \Phi_{1}^{4}$
147269	1860	2928	$\frac{1}{61}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{30}{61}$	$\Phi_{2928}\ \Phi_{1464}\ \Phi_{732}\ \Phi_{366}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
147270	1860	1769	$\frac{1}{61}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{30}{61}$	$\Phi_{1769}\ \Phi_{61}^{2}\ \Phi_{29}^{2}\ \Phi_{1}^{4}$
147271	1860	2684	$\frac{1}{61}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{30}{61}$	$\Phi_{2684}\ \Phi_{1342}\ \Phi_{44}^{2}\ \Phi_{22}^{2}$
147272	1860	1769	$\frac{1}{61}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{30}{61}$	$\Phi_{1769}\ \Phi_{61}^{2}\ \Phi_{29}^{2}\ \Phi_{1}^{4}$
147273	1860	2562	$\frac{1}{61}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{30}{61}$	$\Phi_{2562}\ \Phi_{1281}\ \Phi_{854}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}$
147274	1860	1859	$\frac{31}{1859}$	$\frac{63}{1859}$	$\frac{898}{1859}$	$\frac{914}{1859}$	$\Phi_{1859}\ \Phi_{169}\ \Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
147275	1860	3540	$\frac{1}{59}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{29}{59}$	$\Phi_{3540}\ \Phi_{1180}\ \Phi_{708}\ \Phi_{236}\ \Phi_{60}^{2}\ \Phi_{59}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
147276	1860	1947	$\frac{1}{59}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{29}{59}$	$\Phi_{1947}\ \Phi_{649}\ \Phi_{59}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
147277	1860	2655	$\frac{1}{59}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{29}{59}$	$\Phi_{2655}\ \Phi_{531}\ \Phi_{59}\ \Phi_{45}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
147278	1860	2360	$\frac{1}{59}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{29}{59}$	$\Phi_{2360}\ \Phi_{1180}\ \Phi_{472}\ \Phi_{236}\ \Phi_{59}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
147279	1860	2065	$\frac{1}{59}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{29}{59}$	$\Phi_{2065}\ \Phi_{413}\ \Phi_{59}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
147280	1860	2124	$\frac{1}{59}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{29}{59}$	$\Phi_{2124}\ \Phi_{1062}\ \Phi_{708}\ \Phi_{531}\ \Phi_{236}\ \Phi_{59}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
147281	1860	169	$\frac{3}{169}$	$\frac{14}{169}$	$\frac{43}{169}$	$\frac{83}{169}$	$\Phi_{169}^{11}\ \Phi_{13}^{11}\ \Phi_{1}^{12}$
147282	1860	208	$\frac{1}{52}$	$\frac{1}{13}$	$\frac{53}{208}$	$\frac{51}{104}$	$\Phi_{208}^{12}\ \Phi_{52}^{12}\ \Phi_{26}^{12}\ \Phi_{16}^{12}\ \Phi_{13}^{11}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
147283	1860	912	$\frac{3}{152}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{149}{304}$	$\Phi_{912}^{6}\ \Phi_{57}\ \Phi_{48}^{6}$
147284	1860	3952	$\frac{3}{152}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{149}{304}$	$\Phi_{3952}\ \Phi_{208}\ \Phi_{52}\ \Phi_{26}$
147285	1860	294	$\frac{1}{49}$	$\frac{5}{98}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{294}^{10}\ \Phi_{147}^{9}\ \Phi_{42}^{10}\ \Phi_{21}^{9}\ \Phi_{6}^{10}\ \Phi_{3}^{8}$
147286	1860	182	$\frac{2}{91}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{89}{182}$	$\Phi_{182}^{20}\ \Phi_{26}^{20}\ \Phi_{14}^{20}\ \Phi_{13}^{3}\ \Phi_{2}^{20}\ \Phi_{1}^{4}$
147287	1860	1859	$\frac{41}{1859}$	$\frac{95}{1859}$	$\frac{588}{1859}$	$\frac{909}{1859}$	$\Phi_{1859}\ \Phi_{169}\ \Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
147288	1860	2000	$\frac{3}{125}$	$\frac{1}{16}$	$\frac{32}{125}$	$\frac{61}{125}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
147289	1860	121	$\frac{3}{121}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{59}{121}$	$\Phi_{121}^{15}\ \Phi_{11}^{19}\ \Phi_{1}^{20}$
147290	1860	1859	$\frac{49}{1859}$	$\frac{159}{1859}$	$\frac{340}{1859}$	$\frac{905}{1859}$	$\Phi_{1859}\ \Phi_{169}\ \Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
147291	1860	187	$\frac{5}{187}$	$\frac{1}{11}$	$\frac{32}{187}$	$\frac{91}{187}$	$\Phi_{187}^{10}\ \Phi_{17}^{10}\ \Phi_{11}^{9}\ \Phi_{1}^{10}$
147292	1860	1859	$\frac{51}{1859}$	$\frac{191}{1859}$	$\frac{278}{1859}$	$\frac{904}{1859}$	$\Phi_{1859}\ \Phi_{169}\ \Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
147293	1860	2177	$\frac{9}{311}$	$\frac{32}{311}$	$\frac{1}{7}$	$\frac{151}{311}$	Φ_{2177}
147294	1860	2238	$\frac{11}{373}$	$\frac{32}{373}$	$\frac{1}{6}$	$\frac{181}{373}$	$\Phi_{2238}\ \Phi_{1119}\ \Phi_{746}$
147295	1860	169	$\frac{5}{169}$	$\frac{14}{169}$	$\frac{29}{169}$	$\frac{82}{169}$	$\Phi_{169}^{11}\ \Phi_{13}^{11}\ \Phi_{1}^{12}$
147296	1860	2484	$\frac{19}{621}$	$\frac{32}{621}$	$\frac{1}{4}$	$\frac{301}{621}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{138}\ \Phi_{108}\ \Phi_{92}\ \Phi_{54}\ \Phi_{46}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
147297	1860	1859	$\frac{57}{1859}$	$\frac{92}{1859}$	$\frac{479}{1859}$	$\frac{901}{1859}$	$\Phi_{1859}\ \Phi_{169}\ \Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
147298	1860	2793	$\frac{29}{931}$	$\frac{32}{931}$	$\frac{1}{3}$	$\frac{451}{931}$	$\Phi_{2793}\ \Phi_{399}\ \Phi_{147}\ \Phi_{57}\ \Phi_{21}$
147299	1860	1860	$\frac{1}{31}$	$\frac{1}{30}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{1860}^{2}\ \Phi_{620}^{2}\ \Phi_{372}^{2}\ \Phi_{124}^{2}\ \Phi_{93}$
147300	1860	3540	$\frac{1}{30}$	$\frac{2}{59}$	$\frac{19}{59}$	$\frac{29}{60}$	$\Phi_{3540}\ \Phi_{1180}\ \Phi_{708}\ \Phi_{236}\ \Phi_{60}^{2}\ \Phi_{59}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
147301	1860	420	$\frac{1}{30}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{420}^{3}\ \Phi_{210}^{6}\ \Phi_{140}^{3}\ \Phi_{105}^{6}\ \Phi_{84}^{4}\ \Phi_{70}^{6}\ \Phi_{60}^{2}\ \Phi_{42}^{7}\ \Phi_{35}^{6}\ \Phi_{30}^{4}\ \Phi_{28}^{4}\ \Phi_{21}^{6}\ \Phi_{20}^{2}\ \Phi_{15}^{4}\ \Phi_{14}^{7}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{7}^{6}\ \Phi_{6}^{5}\ \Phi_{5}^{4}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
147302	1860	3540	$\frac{1}{30}$	$\frac{3}{59}$	$\frac{14}{59}$	$\frac{29}{60}$	$\Phi_{3540}\ \Phi_{1180}\ \Phi_{708}\ \Phi_{236}\ \Phi_{60}^{2}\ \Phi_{59}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
147303	1860	240	$\frac{1}{30}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{29}{60}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}^{9}\ \Phi_{60}^{4}\ \Phi_{48}^{8}\ \Phi_{40}^{9}\ \Phi_{30}^{8}\ \Phi_{24}^{8}\ \Phi_{20}^{5}\ \Phi_{16}^{8}\ \Phi_{15}^{8}\ \Phi_{12}^{4}\ \Phi_{10}^{9}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{4}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
147304	1860	3540	$\frac{1}{30}$	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{29}{60}$	$\Phi_{3540}\ \Phi_{1180}\ \Phi_{708}\ \Phi_{236}\ \Phi_{60}^{2}\ \Phi_{59}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
147305	1860	780	$\frac{1}{30}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{29}{60}$	$\Phi_{780}^{5}\ \Phi_{260}^{5}\ \Phi_{156}^{5}\ \Phi_{78}\ \Phi_{52}^{5}\ \Phi_{39}\ \Phi_{26}$
147306	1860	3540	$\frac{1}{30}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{29}{60}$	$\Phi_{3540}\ \Phi_{1180}\ \Phi_{708}\ \Phi_{236}\ \Phi_{60}^{2}\ \Phi_{59}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
147307	1860	4620	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{29}{60}$	$\Phi_{4620}\ \Phi_{1540}\ \Phi_{924}\ \Phi_{308}\ \Phi_{77}$
147308	1860	2784	$\frac{1}{32}$	$\frac{1}{29}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{2784}\ \Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{96}^{2}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
147309	1860	1196	$\frac{11}{299}$	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{144}{299}$	$\Phi_{1196}^{2}\ \Phi_{598}^{2}\ \Phi_{92}^{3}\ \Phi_{52}^{2}\ \Phi_{46}^{3}\ \Phi_{26}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
147310	1860	299	$\frac{11}{299}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{144}{299}$	$\Phi_{299}^{6}\ \Phi_{23}^{6}\ \Phi_{13}^{11}\ \Phi_{1}^{12}$
147311	1860	324	$\frac{1}{27}$	$\frac{7}{162}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{324}^{8}\ \Phi_{162}^{4}\ \Phi_{108}^{7}\ \Phi_{81}^{4}\ \Phi_{54}^{3}\ \Phi_{36}^{7}\ \Phi_{27}^{4}\ \Phi_{18}^{3}\ \Phi_{12}^{7}\ \Phi_{9}^{4}\ \Phi_{6}^{3}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
147312	1860	1200	$\frac{1}{25}$	$\frac{1}{16}$	$\frac{13}{75}$	$\frac{12}{25}$	$\Phi_{1200}^{2}\ \Phi_{600}^{2}\ \Phi_{400}\ \Phi_{300}^{2}\ \Phi_{240}^{2}\ \Phi_{200}\ \Phi_{150}^{2}\ \Phi_{120}^{2}\ \Phi_{100}\ \Phi_{80}\ \Phi_{60}^{2}\ \Phi_{50}\ \Phi_{48}^{2}\ \Phi_{40}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}^{2}$
147313	1860	644	$\frac{6}{161}$	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{644}^{4}\ \Phi_{322}^{4}\ \Phi_{92}^{3}\ \Phi_{46}^{3}\ \Phi_{28}^{4}\ \Phi_{14}^{4}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
147314	1860	1188	$\frac{1}{27}$	$\frac{13}{297}$	$\frac{1}{4}$	$\frac{142}{297}$	$\Phi_{1188}^{2}\ \Phi_{594}^{2}\ \Phi_{396}^{2}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{108}^{3}\ \Phi_{66}^{2}\ \Phi_{54}^{3}\ \Phi_{44}^{2}\ \Phi_{36}^{3}\ \Phi_{22}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
147315	1860	1302	$\frac{1}{31}$	$\frac{1}{21}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{1302}^{2}\ \Phi_{651}\ \Phi_{434}^{2}\ \Phi_{217}\ \Phi_{186}^{2}\ \Phi_{93}\ \Phi_{62}^{2}$
147316	1860	1952	$\frac{1}{32}$	$\frac{3}{61}$	$\frac{16}{61}$	$\frac{29}{61}$	$\Phi_{1952}\ \Phi_{976}\ \Phi_{488}\ \Phi_{244}\ \Phi_{122}$
147317	1860	884	$\frac{23}{442}$	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{419}{884}$	$\Phi_{884}^{4}\ \Phi_{68}^{4}\ \Phi_{52}^{4}\ \Phi_{26}^{4}\ \Phi_{13}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
147318	1860	285	$\frac{2}{95}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{285}^{10}\ \Phi_{57}^{9}\ \Phi_{15}^{10}\ \Phi_{3}^{8}$
147319	1860	874	$\frac{1}{46}$	$\frac{1}{19}$	$\frac{15}{46}$	$\frac{9}{19}$	$\Phi_{874}^{2}\ \Phi_{437}^{2}\ \Phi_{46}^{4}\ \Phi_{38}^{2}\ \Phi_{23}^{4}\ \Phi_{19}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
147320	1860	608	$\frac{1}{32}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{608}^{3}\ \Phi_{304}^{3}\ \Phi_{152}^{3}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{32}^{6}\ \Phi_{19}^{3}\ \Phi_{16}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
147321	1860	2185	$\frac{1}{23}$	$\frac{1}{19}$	$\frac{22}{115}$	$\frac{9}{19}$	$\Phi_{2185}\ \Phi_{115}^{2}\ \Phi_{95}\ \Phi_{19}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
147322	1860	294	$\frac{1}{49}$	$\frac{8}{147}$	$\frac{1}{3}$	$\frac{139}{294}$	$\Phi_{294}^{12}\ \Phi_{147}\ \Phi_{98}^{12}\ \Phi_{42}^{12}\ \Phi_{21}\ \Phi_{14}^{12}\ \Phi_{6}^{12}\ \Phi_{2}^{12}$
147323	1860	176	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{83}{176}$	$\Phi_{176}^{20}\ \Phi_{16}^{20}\ \Phi_{11}^{9}\ \Phi_{1}^{10}$
147324	1860	104	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{11}{104}$	$\frac{49}{104}$	$\Phi_{104}^{16}\ \Phi_{52}^{20}\ \Phi_{26}^{20}\ \Phi_{13}^{19}\ \Phi_{8}^{16}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{20}$
147325	1860	374	$\frac{1}{17}$	$\frac{3}{34}$	$\frac{1}{11}$	$\frac{8}{17}$	$\Phi_{374}^{6}\ \Phi_{187}^{5}\ \Phi_{22}^{6}\ \Phi_{11}^{4}$
147326	1860	117	$\frac{7}{117}$	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{55}{117}$	$\Phi_{117}^{15}\ \Phi_{39}^{18}\ \Phi_{13}^{17}\ \Phi_{9}^{15}\ \Phi_{3}^{18}\ \Phi_{1}^{18}$
147327	1860	169	$\frac{4}{169}$	$\frac{11}{169}$	$\frac{45}{169}$	$\frac{79}{169}$	$\Phi_{169}^{11}\ \Phi_{13}^{11}\ \Phi_{1}^{12}$
147328	1860	169	$\frac{11}{169}$	$\frac{14}{169}$	$\frac{15}{169}$	$\frac{79}{169}$	$\Phi_{169}^{11}\ \Phi_{13}^{11}\ \Phi_{1}^{12}$
147329	1860	2793	$\frac{16}{931}$	$\frac{61}{931}$	$\frac{1}{3}$	$\frac{435}{931}$	$\Phi_{2793}\ \Phi_{399}\ \Phi_{147}\ \Phi_{57}\ \Phi_{21}$
147330	1860	1859	$\frac{32}{1859}$	$\frac{125}{1859}$	$\frac{609}{1859}$	$\frac{867}{1859}$	$\Phi_{1859}\ \Phi_{169}\ \Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
147331	1860	252	$\frac{1}{63}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{252}^{14}\ \Phi_{84}^{13}\ \Phi_{63}^{2}\ \Phi_{36}^{14}\ \Phi_{28}^{14}\ \Phi_{21}^{2}\ \Phi_{12}^{13}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{14}\ \Phi_{3}\ \Phi_{1}^{2}$
147332	1860	1148	$\frac{1}{41}$	$\frac{1}{14}$	$\frac{10}{41}$	$\frac{13}{28}$	$\Phi_{1148}^{3}\ \Phi_{164}^{3}\ \Phi_{41}^{3}\ \Phi_{28}^{4}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
147333	1860	1120	$\frac{1}{32}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{1120}^{2}\ \Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{160}^{3}\ \Phi_{140}\ \Phi_{80}^{3}\ \Phi_{70}^{2}\ \Phi_{40}^{3}\ \Phi_{35}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
147334	1860	3744	$\frac{11}{144}$	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{133}{288}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
147335	1860	1952	$\frac{1}{32}$	$\frac{5}{61}$	$\frac{11}{61}$	$\frac{28}{61}$	$\Phi_{1952}\ \Phi_{976}\ \Phi_{488}\ \Phi_{244}\ \Phi_{122}$
147336	1860	2184	$\frac{1}{13}$	$\frac{13}{168}$	$\frac{1}{12}$	$\frac{11}{24}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}\ \Phi_{91}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
147337	1860	286	$\frac{5}{143}$	$\frac{12}{143}$	$\frac{23}{143}$	$\frac{131}{286}$	$\Phi_{286}^{12}\ \Phi_{143}\ \Phi_{26}^{12}\ \Phi_{22}^{12}\ \Phi_{13}\ \Phi_{11}\ \Phi_{2}^{12}\ \Phi_{1}^{2}$
147338	1860	286	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{131}{286}$	$\Phi_{286}^{12}\ \Phi_{26}^{12}\ \Phi_{22}^{12}\ \Phi_{13}^{11}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
147339	1860	231	$\frac{1}{77}$	$\frac{1}{11}$	$\frac{76}{231}$	$\frac{5}{11}$	$\Phi_{231}^{12}\ \Phi_{33}^{12}\ \Phi_{21}^{12}\ \Phi_{11}\ \Phi_{3}^{12}\ \Phi_{1}^{2}$
147340	1860	473	$\frac{8}{473}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{473}^{4}\ \Phi_{43}^{4}\ \Phi_{11}\ \Phi_{1}^{2}$
147341	1860	616	$\frac{3}{154}$	$\frac{1}{11}$	$\frac{151}{616}$	$\frac{5}{11}$	$\Phi_{616}^{4}\ \Phi_{308}^{4}\ \Phi_{88}^{4}\ \Phi_{56}^{4}\ \Phi_{44}^{4}\ \Phi_{28}^{4}\ \Phi_{11}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{1}^{2}$
147342	1860	77	$\frac{2}{77}$	$\frac{1}{11}$	$\frac{15}{77}$	$\frac{5}{11}$	$\Phi_{77}^{24}\ \Phi_{11}^{25}\ \Phi_{7}^{24}\ \Phi_{1}^{26}$
147343	1860	319	$\frac{9}{319}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{319}^{6}\ \Phi_{29}^{6}\ \Phi_{11}\ \Phi_{1}^{2}$
147344	1860	1056	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{1056}^{2}\ \Phi_{528}^{2}\ \Phi_{352}\ \Phi_{264}^{2}\ \Phi_{176}\ \Phi_{132}^{2}\ \Phi_{96}^{4}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}^{4}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}^{2}\ \Phi_{24}^{4}\ \Phi_{16}^{2}\ \Phi_{12}^{4}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
147345	1860	1771	$\frac{6}{161}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{161}^{2}\ \Phi_{23}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
147346	1860	539	$\frac{3}{77}$	$\frac{1}{11}$	$\frac{74}{539}$	$\frac{5}{11}$	$\Phi_{539}^{4}\ \Phi_{49}^{4}\ \Phi_{11}\ \Phi_{1}^{2}$
147347	1860	484	$\frac{19}{484}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{484}^{4}\ \Phi_{242}^{4}\ \Phi_{121}^{4}\ \Phi_{44}^{4}\ \Phi_{11}\ \Phi_{4}^{4}\ \Phi_{1}^{2}$
147348	1860	176	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{21}{176}$	$\frac{5}{11}$	$\Phi_{176}^{12}\ \Phi_{88}^{12}\ \Phi_{44}^{12}\ \Phi_{16}^{12}\ \Phi_{11}\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{1}^{2}$
147349	1860	33	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{33}^{60}\ \Phi_{11}^{49}\ \Phi_{3}^{60}\ \Phi_{1}^{50}$
147350	1860	1001	$\frac{71}{1001}$	$\frac{6}{77}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{1001}^{2}\ \Phi_{143}^{2}\ \Phi_{91}^{2}\ \Phi_{13}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
147351	1860	1848	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}^{2}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}^{2}\ \Phi_{66}\ \Phi_{56}^{2}\ \Phi_{44}\ \Phi_{42}^{2}\ \Phi_{33}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
147352	1860	1870	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{8}{85}$	$\frac{77}{170}$	$\Phi_{1870}^{2}\ \Phi_{374}^{2}\ \Phi_{187}\ \Phi_{110}^{2}\ \Phi_{22}^{2}$
147353	1860	1859	$\frac{49}{1859}$	$\frac{181}{1859}$	$\frac{340}{1859}$	$\frac{839}{1859}$	$\Phi_{1859}\ \Phi_{169}\ \Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
147354	1860	2484	$\frac{11}{621}$	$\frac{61}{621}$	$\frac{1}{4}$	$\frac{280}{621}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{138}\ \Phi_{108}\ \Phi_{92}\ \Phi_{54}\ \Phi_{46}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
147355	1860	169	$\frac{4}{169}$	$\frac{17}{169}$	$\frac{33}{169}$	$\frac{76}{169}$	$\Phi_{169}^{11}\ \Phi_{13}^{11}\ \Phi_{1}^{12}$
147356	1860	169	$\frac{9}{169}$	$\frac{16}{169}$	$\frac{17}{169}$	$\frac{76}{169}$	$\Phi_{169}^{11}\ \Phi_{13}^{11}\ \Phi_{1}^{12}$
147357	1860	561	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{59}{561}$	$\frac{251}{561}$	$\Phi_{561}^{3}\ \Phi_{187}^{4}\ \Phi_{51}^{3}\ \Phi_{33}^{3}\ \Phi_{17}^{4}\ \Phi_{11}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
147358	1860	3416	$\frac{1}{61}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{3416}\ \Phi_{488}\ \Phi_{244}\ \Phi_{122}$
147359	1860	1736	$\frac{1}{31}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{1736}^{2}\ \Phi_{248}^{2}\ \Phi_{217}$
147360	1860	846	$\frac{1}{94}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{846}^{2}\ \Phi_{423}^{2}\ \Phi_{282}^{3}\ \Phi_{141}^{3}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
147361	1860	1665	$\frac{2}{185}$	$\frac{1}{9}$	$\frac{61}{185}$	$\frac{4}{9}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{333}\ \Phi_{185}^{2}\ \Phi_{111}\ \Phi_{45}\ \Phi_{37}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
147362	1860	252	$\frac{1}{63}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{252}^{10}\ \Phi_{126}^{10}\ \Phi_{84}^{10}\ \Phi_{42}^{10}\ \Phi_{36}^{9}\ \Phi_{28}^{10}\ \Phi_{18}^{9}\ \Phi_{14}^{10}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}$
147363	1860	855	$\frac{2}{95}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{855}^{2}\ \Phi_{285}^{2}\ \Phi_{171}^{2}\ \Phi_{95}^{4}\ \Phi_{57}^{2}\ \Phi_{45}\ \Phi_{19}^{4}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
147364	1860	333	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{6}{37}$	$\frac{4}{9}$	$\Phi_{333}^{5}\ \Phi_{111}^{5}\ \Phi_{37}^{10}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
147365	1860	2016	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}^{2}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}^{2}\ \Phi_{84}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
147366	1860	1116	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{1116}^{2}\ \Phi_{558}^{2}\ \Phi_{372}^{2}\ \Phi_{279}\ \Phi_{186}^{2}\ \Phi_{124}^{2}\ \Phi_{93}\ \Phi_{62}^{2}$
147367	1860	832	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{49}{416}$	$\frac{367}{832}$	$\Phi_{832}^{4}\ \Phi_{64}^{4}\ \Phi_{52}^{4}\ \Phi_{26}^{4}\ \Phi_{13}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
147368	1860	276	$\frac{1}{69}$	$\frac{17}{138}$	$\frac{1}{4}$	$\frac{121}{276}$	$\Phi_{276}^{5}\ \Phi_{138}^{9}\ \Phi_{92}^{5}\ \Phi_{69}^{8}\ \Phi_{46}^{9}\ \Phi_{23}^{8}\ \Phi_{12}^{5}\ \Phi_{6}^{9}\ \Phi_{4}^{4}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
147369	1860	1859	$\frac{17}{1859}$	$\frac{249}{1859}$	$\frac{614}{1859}$	$\frac{805}{1859}$	$\Phi_{1859}\ \Phi_{169}\ \Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
147370	1860	1859	$\frac{34}{1859}$	$\frac{249}{1859}$	$\frac{365}{1859}$	$\frac{805}{1859}$	$\Phi_{1859}\ \Phi_{169}\ \Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
147371	1860	273	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{37}{273}$	$\frac{118}{273}$	$\Phi_{273}^{6}\ \Phi_{91}^{6}\ \Phi_{39}^{12}\ \Phi_{21}^{6}\ \Phi_{13}^{11}\ \Phi_{7}^{6}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
147372	1860	1407	$\frac{4}{469}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1407}^{2}\ \Phi_{201}^{2}\ \Phi_{21}$
147373	1860	658	$\frac{1}{94}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{658}^{3}\ \Phi_{329}^{3}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{14}^{3}\ \Phi_{2}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
147374	1860	1085	$\frac{1}{31}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1085}^{2}\ \Phi_{217}\ \Phi_{155}^{2}$
147375	1860	1952	$\frac{1}{32}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{26}{61}$	$\Phi_{1952}\ \Phi_{976}\ \Phi_{488}\ \Phi_{244}\ \Phi_{122}$
147376	1860	1674	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{1674}^{2}\ \Phi_{558}^{2}\ \Phi_{279}\ \Phi_{186}^{2}\ \Phi_{93}\ \Phi_{62}^{2}$
147377	1860	130	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{26}$	$\Phi_{130}^{26}\ \Phi_{65}^{4}\ \Phi_{26}^{20}\ \Phi_{13}^{3}\ \Phi_{10}^{26}\ \Phi_{5}^{4}\ \Phi_{2}^{20}\ \Phi_{1}^{4}$
147378	1860	1953	$\frac{1}{63}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{279}\ \Phi_{217}\ \Phi_{93}$
147379	1860	1859	$\frac{53}{1859}$	$\frac{216}{1859}$	$\frac{301}{1859}$	$\frac{779}{1859}$	$\Phi_{1859}\ \Phi_{169}\ \Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
147380	1860	2238	$\frac{7}{373}$	$\frac{61}{373}$	$\frac{1}{6}$	$\frac{156}{373}$	$\Phi_{2238}\ \Phi_{1119}\ \Phi_{746}$
147381	1860	798	$\frac{1}{133}$	$\frac{22}{133}$	$\frac{1}{3}$	$\frac{111}{266}$	$\Phi_{798}^{6}\ \Phi_{399}\ \Phi_{114}^{6}\ \Phi_{57}\ \Phi_{42}^{6}\ \Phi_{21}\ \Phi_{6}^{6}$
147382	1860	1859	$\frac{35}{1859}$	$\frac{304}{1859}$	$\frac{311}{1859}$	$\frac{774}{1859}$	$\Phi_{1859}\ \Phi_{169}\ \Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
147383	1860	1952	$\frac{1}{32}$	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{25}{61}$	$\Phi_{1952}\ \Phi_{976}\ \Phi_{488}\ \Phi_{244}\ \Phi_{122}$
147384	1860	52	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{5}{26}$	$\frac{21}{52}$	$\Phi_{52}^{60}\ \Phi_{26}^{12}\ \Phi_{13}^{11}\ \Phi_{4}^{60}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
147385	1860	1859	$\frac{54}{1859}$	$\frac{185}{1859}$	$\frac{361}{1859}$	$\frac{749}{1859}$	$\Phi_{1859}\ \Phi_{169}\ \Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
147386	1860	2177	$\frac{6}{311}$	$\frac{1}{7}$	$\frac{61}{311}$	$\frac{125}{311}$	Φ_{2177}
147387	1860	1859	$\frac{24}{1859}$	$\frac{367}{1859}$	$\frac{371}{1859}$	$\frac{746}{1859}$	$\Phi_{1859}\ \Phi_{169}\ \Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
147388	1860	828	$\frac{2}{207}$	$\frac{41}{207}$	$\frac{1}{4}$	$\frac{83}{207}$	$\Phi_{828}^{3}\ \Phi_{414}^{3}\ \Phi_{276}^{3}\ \Phi_{138}^{3}\ \Phi_{92}^{3}\ \Phi_{46}^{3}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
147389	1860	1859	$\frac{14}{1859}$	$\frac{369}{1859}$	$\frac{557}{1859}$	$\frac{745}{1859}$	$\Phi_{1859}\ \Phi_{169}\ \Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
147390	1860	2793	$\frac{6}{931}$	$\frac{185}{931}$	$\frac{1}{3}$	$\frac{373}{931}$	$\Phi_{2793}\ \Phi_{399}\ \Phi_{147}\ \Phi_{57}\ \Phi_{21}$
147391	1860	780	$\frac{1}{156}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}^{2}\ \Phi_{156}^{4}\ \Phi_{130}^{2}\ \Phi_{78}^{4}\ \Phi_{65}^{2}\ \Phi_{60}^{2}\ \Phi_{52}^{4}\ \Phi_{39}^{4}\ \Phi_{30}^{2}\ \Phi_{26}^{4}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{13}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
147392	1860	1030	$\frac{1}{103}$	$\frac{1}{5}$	$\frac{51}{206}$	$\frac{2}{5}$	$\Phi_{1030}^{2}\ \Phi_{515}\ \Phi_{206}^{4}\ \Phi_{103}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
147393	1860	1545	$\frac{4}{309}$	$\frac{61}{309}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1545}\ \Phi_{515}\ \Phi_{309}^{2}\ \Phi_{103}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
147394	1860	630	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{630}^{3}\ \Phi_{315}^{2}\ \Phi_{210}^{3}\ \Phi_{126}^{6}\ \Phi_{105}^{2}\ \Phi_{90}^{3}\ \Phi_{70}^{3}\ \Phi_{63}^{4}\ \Phi_{45}^{2}\ \Phi_{42}^{6}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{21}^{4}\ \Phi_{18}^{6}\ \Phi_{15}\ \Phi_{14}^{6}\ \Phi_{10}^{2}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
147395	1860	515	$\frac{3}{103}$	$\frac{10}{103}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{515}^{3}\ \Phi_{103}^{6}\ \Phi_{5}^{4}\ \Phi_{1}^{8}$
147396	1860	1760	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}^{2}\ \Phi_{220}\ \Phi_{176}^{2}\ \Phi_{110}\ \Phi_{88}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}$
147397	1860	1040	$\frac{3}{65}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1040}^{2}\ \Phi_{520}^{2}\ \Phi_{260}^{2}\ \Phi_{208}^{2}\ \Phi_{130}^{2}\ \Phi_{104}^{2}\ \Phi_{80}\ \Phi_{52}^{2}\ \Phi_{40}\ \Phi_{26}^{2}\ \Phi_{20}\ \Phi_{10}$
147398	1860	507	$\frac{1}{169}$	$\frac{113}{507}$	$\frac{56}{169}$	$\frac{197}{507}$	$\Phi_{507}^{3}\ \Phi_{169}^{5}\ \Phi_{39}^{3}\ \Phi_{13}^{5}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
147399	1860	156	$\frac{1}{156}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{156}^{12}\ \Phi_{78}^{12}\ \Phi_{52}^{12}\ \Phi_{39}^{12}\ \Phi_{26}^{12}\ \Phi_{13}^{11}\ \Phi_{12}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
147400	1860	400	$\frac{1}{25}$	$\frac{1}{16}$	$\frac{6}{25}$	$\frac{19}{50}$	$\Phi_{400}^{5}\ \Phi_{200}^{5}\ \Phi_{100}^{5}\ \Phi_{80}^{5}\ \Phi_{50}\ \Phi_{40}^{5}\ \Phi_{25}^{4}\ \Phi_{20}^{5}\ \Phi_{16}^{4}\ \Phi_{10}\ \Phi_{8}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
147401	1860	748	$\frac{5}{187}$	$\frac{1}{11}$	$\frac{91}{374}$	$\frac{283}{748}$	$\Phi_{748}^{4}\ \Phi_{187}^{2}\ \Phi_{68}^{4}\ \Phi_{44}^{4}\ \Phi_{17}^{2}\ \Phi_{11}\ \Phi_{4}^{4}\ \Phi_{1}^{2}$
147402	1860	676	$\frac{1}{169}$	$\frac{42}{169}$	$\frac{211}{676}$	$\frac{127}{338}$	$\Phi_{676}^{4}\ \Phi_{169}^{3}\ \Phi_{52}^{4}\ \Phi_{13}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
147403	1860	4488	$\frac{1}{187}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{4488}\ \Phi_{561}\ \Phi_{408}\ \Phi_{264}\ \Phi_{51}\ \Phi_{33}$
147404	1860	2968	$\frac{2}{371}$	$\frac{1}{4}$	$\frac{123}{371}$	$\frac{3}{8}$	$\Phi_{2968}\ \Phi_{424}\ \Phi_{371}\ \Phi_{56}\ \Phi_{53}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
147405	1860	1000	$\frac{1}{125}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1000}^{3}\ \Phi_{500}\ \Phi_{250}\ \Phi_{200}^{3}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}^{3}\ \Phi_{20}\ \Phi_{10}$
147406	1860	2968	$\frac{3}{371}$	$\frac{92}{371}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2968}\ \Phi_{424}\ \Phi_{371}\ \Phi_{56}\ \Phi_{53}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
147407	1860	1880	$\frac{1}{94}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1880}^{2}\ \Phi_{470}\ \Phi_{235}\ \Phi_{40}\ \Phi_{10}$
147408	1860	2968	$\frac{5}{371}$	$\frac{61}{371}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2968}\ \Phi_{424}\ \Phi_{371}\ \Phi_{56}\ \Phi_{53}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
147409	1860	504	$\frac{1}{63}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^{6}\ \Phi_{168}^{6}\ \Phi_{72}^{6}\ \Phi_{63}^{6}\ \Phi_{56}^{5}\ \Phi_{24}^{6}\ \Phi_{21}^{6}\ \Phi_{9}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
147410	1860	424	$\frac{1}{53}$	$\frac{13}{106}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{424}^{7}\ \Phi_{106}^{4}\ \Phi_{53}^{3}\ \Phi_{8}^{8}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
147411	1860	2968	$\frac{11}{371}$	$\frac{30}{371}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2968}\ \Phi_{424}\ \Phi_{371}\ \Phi_{56}\ \Phi_{53}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
147412	1860	416	$\frac{1}{32}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{416}^{5}\ \Phi_{208}^{5}\ \Phi_{104}^{4}\ \Phi_{52}^{5}\ \Phi_{26}^{5}\ \Phi_{13}^{4}$
147413	1860	1859	$\frac{19}{1859}$	$\frac{368}{1859}$	$\frac{497}{1859}$	$\frac{681}{1859}$	$\Phi_{1859}\ \Phi_{169}\ \Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
147414	1860	1953	$\frac{1}{63}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{279}\ \Phi_{217}\ \Phi_{93}$
147415	1860	2928	$\frac{1}{61}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{2928}\ \Phi_{976}\ \Phi_{488}\ \Phi_{244}\ \Phi_{122}$
147416	1860	143	$\frac{3}{143}$	$\frac{14}{143}$	$\frac{43}{143}$	$\frac{50}{143}$	$\Phi_{143}^{13}\ \Phi_{13}^{13}\ \Phi_{11}^{13}\ \Phi_{1}^{14}$
147417	1860	1952	$\frac{1}{32}$	$\frac{4}{61}$	$\frac{19}{61}$	$\frac{21}{61}$	$\Phi_{1952}\ \Phi_{976}\ \Phi_{488}\ \Phi_{244}\ \Phi_{122}$
147418	1860	1859	$\frac{56}{1859}$	$\frac{123}{1859}$	$\frac{601}{1859}$	$\frac{629}{1859}$	$\Phi_{1859}\ \Phi_{169}\ \Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
147419	1860	234	$\frac{1}{39}$	$\frac{1}{13}$	$\frac{38}{117}$	$\frac{79}{234}$	$\Phi_{234}^{12}\ \Phi_{78}^{12}\ \Phi_{39}^{12}\ \Phi_{26}^{12}\ \Phi_{18}^{12}\ \Phi_{13}^{11}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
147420	1860	169	$\frac{4}{169}$	$\frac{14}{169}$	$\frac{55}{169}$	$\frac{57}{169}$	$\Phi_{169}^{11}\ \Phi_{13}^{11}\ \Phi_{1}^{12}$
147421	1860	187	$\frac{4}{187}$	$\frac{1}{11}$	$\frac{61}{187}$	$\frac{63}{187}$	$\Phi_{187}^{10}\ \Phi_{17}^{10}\ \Phi_{11}^{9}\ \Phi_{1}^{10}$
147422	1860	143	$\frac{2}{143}$	$\frac{19}{143}$	$\frac{47}{143}$	$\frac{48}{143}$	$\Phi_{143}^{13}\ \Phi_{13}^{13}\ \Phi_{11}^{13}\ \Phi_{1}^{14}$
147423	1860	2238	$\frac{4}{373}$	$\frac{1}{6}$	$\frac{123}{373}$	$\frac{125}{373}$	$\Phi_{2238}\ \Phi_{1119}\ \Phi_{746}$
147424	1860	1859	$\frac{8}{1859}$	$\frac{617}{1859}$	$\frac{619}{1859}$	$\frac{621}{1859}$	$\Phi_{1859}\ \Phi_{169}\ \Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
147425	1860	2793	$\frac{4}{931}$	$\frac{309}{931}$	$\frac{1}{3}$	$\frac{311}{931}$	$\Phi_{2793}\ \Phi_{399}\ \Phi_{147}\ \Phi_{57}\ \Phi_{21}$
147426	1860	696	$\frac{1}{232}$	$\frac{77}{232}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{696}^{2}\ \Phi_{348}^{2}\ \Phi_{232}^{4}\ \Phi_{174}^{2}\ \Phi_{116}^{4}\ \Phi_{87}^{2}\ \Phi_{58}^{4}\ \Phi_{29}^{4}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
147427	1860	156	$\frac{1}{156}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{156}^{12}\ \Phi_{78}^{12}\ \Phi_{52}^{12}\ \Phi_{39}^{12}\ \Phi_{26}^{12}\ \Phi_{13}^{12}\ \Phi_{12}^{11}\ \Phi_{6}^{11}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
147428	1860	348	$\frac{1}{116}$	$\frac{23}{116}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{348}^{4}\ \Phi_{174}^{4}\ \Phi_{116}^{8}\ \Phi_{87}^{4}\ \Phi_{58}^{8}\ \Phi_{29}^{8}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
147429	1860	282	$\frac{1}{94}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{282}^{7}\ \Phi_{141}^{7}\ \Phi_{94}^{6}\ \Phi_{47}^{6}\ \Phi_{6}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
147430	1860	1416	$\frac{7}{472}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{472}^{2}\ \Phi_{354}\ \Phi_{236}^{2}\ \Phi_{177}\ \Phi_{118}^{2}\ \Phi_{59}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
147431	1860	174	$\frac{1}{58}$	$\frac{19}{174}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{174}^{11}\ \Phi_{87}^{11}\ \Phi_{58}^{10}\ \Phi_{29}^{10}\ \Phi_{6}^{11}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
147432	1860	696	$\frac{7}{232}$	$\frac{15}{232}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{696}^{2}\ \Phi_{348}^{2}\ \Phi_{232}^{4}\ \Phi_{174}^{2}\ \Phi_{116}^{4}\ \Phi_{87}^{2}\ \Phi_{58}^{4}\ \Phi_{29}^{4}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
147433	1860	96	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{96}^{15}\ \Phi_{48}^{14}\ \Phi_{32}^{30}\ \Phi_{24}^{14}\ \Phi_{16}^{28}\ \Phi_{12}^{14}\ \Phi_{8}^{28}\ \Phi_{6}^{14}\ \Phi_{4}^{28}\ \Phi_{3}^{15}\ \Phi_{2}^{28}\ \Phi_{1}^{30}$
147434	1860	1023	$\frac{1}{31}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1023}^{2}\ \Phi_{341}^{2}\ \Phi_{93}$
147435	1860	1479	$\frac{1}{29}$	$\frac{28}{493}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1479}\ \Phi_{493}^{2}\ \Phi_{51}\ \Phi_{17}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
147436	1860	3708	$\frac{2}{309}$	$\frac{1}{4}$	$\frac{307}{927}$	$\frac{1}{3}$	$\Phi_{3708}\ \Phi_{1854}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
147437	1860	399	$\frac{1}{133}$	$\frac{89}{399}$	$\frac{44}{133}$	$\frac{1}{3}$	$\Phi_{399}^{4}\ \Phi_{133}^{6}\ \Phi_{57}^{4}\ \Phi_{21}^{4}\ \Phi_{19}^{6}\ \Phi_{7}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
147438	1860	1110	$\frac{2}{185}$	$\frac{1}{6}$	$\frac{61}{185}$	$\frac{1}{3}$	$\Phi_{1110}^{2}\ \Phi_{555}\ \Phi_{370}^{2}\ \Phi_{222}^{2}\ \Phi_{185}^{2}\ \Phi_{111}\ \Phi_{74}^{2}\ \Phi_{37}^{2}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
147439	1860	231	$\frac{1}{77}$	$\frac{1}{7}$	$\frac{76}{231}$	$\frac{1}{3}$	$\Phi_{231}^{6}\ \Phi_{77}^{12}\ \Phi_{33}^{6}\ \Phi_{21}^{7}\ \Phi_{11}^{12}\ \Phi_{7}^{12}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
147440	1860	2793	$\frac{13}{931}$	$\frac{125}{931}$	$\frac{306}{931}$	$\frac{1}{3}$	$\Phi_{2793}\ \Phi_{399}\ \Phi_{147}\ \Phi_{57}\ \Phi_{21}$
147441	1860	1029	$\frac{1}{49}$	$\frac{33}{343}$	$\frac{16}{49}$	$\frac{1}{3}$	$\Phi_{1029}^{3}\ \Phi_{147}\ \Phi_{21}$
147442	1860	1518	$\frac{1}{46}$	$\frac{1}{11}$	$\frac{15}{46}$	$\frac{1}{3}$	$\Phi_{1518}^{2}\ \Phi_{759}^{2}\ \Phi_{66}^{2}\ \Phi_{33}^{3}$
147443	1860	399	$\frac{4}{133}$	$\frac{9}{133}$	$\frac{43}{133}$	$\frac{1}{3}$	$\Phi_{399}^{7}\ \Phi_{57}^{7}\ \Phi_{21}^{7}\ \Phi_{3}^{6}$
147444	1860	1947	$\frac{2}{59}$	$\frac{2}{33}$	$\frac{19}{59}$	$\frac{1}{3}$	$\Phi_{1947}\ \Phi_{649}\ \Phi_{59}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
147445	1860	228	$\frac{3}{76}$	$\frac{1}{19}$	$\frac{73}{228}$	$\frac{1}{3}$	$\Phi_{228}^{6}\ \Phi_{114}^{6}\ \Phi_{76}^{12}\ \Phi_{57}^{7}\ \Phi_{38}^{12}\ \Phi_{19}^{12}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{12}\ \Phi_{3}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
147446	1860	969	$\frac{13}{323}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{969}^{3}\ \Phi_{57}\ \Phi_{51}^{3}$
147447	1860	1395	$\frac{1}{31}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{1395}^{2}\ \Phi_{279}^{2}\ \Phi_{93}$
147448	1860	2784	$\frac{1}{32}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{2784}\ \Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{96}^{2}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
147449	1860	399	$\frac{3}{133}$	$\frac{13}{133}$	$\frac{40}{133}$	$\frac{1}{3}$	$\Phi_{399}^{7}\ \Phi_{57}^{7}\ \Phi_{21}^{7}\ \Phi_{3}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
147450	1860	441	$\frac{1}{49}$	$\frac{16}{147}$	$\frac{131}{441}$	$\frac{1}{3}$	$\Phi_{441}^{6}\ \Phi_{147}\ \Phi_{63}^{6}\ \Phi_{21}\ \Phi_{9}^{6}$
147451	1860	63	$\frac{1}{63}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{63}^{30}\ \Phi_{21}^{28}\ \Phi_{9}^{30}\ \Phi_{7}^{30}\ \Phi_{3}^{27}\ \Phi_{1}^{30}$
147452	1860	2793	$\frac{11}{931}$	$\frac{184}{931}$	$\frac{249}{931}$	$\frac{1}{3}$	$\Phi_{2793}\ \Phi_{399}\ \Phi_{147}\ \Phi_{57}\ \Phi_{21}$
147453	1860	2538	$\frac{1}{94}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{2538}\ \Phi_{1269}\ \Phi_{282}\ \Phi_{141}\ \Phi_{54}\ \Phi_{6}$
147454	1860	1236	$\frac{1}{103}$	$\frac{51}{206}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1236}^{3}\ \Phi_{618}\ \Phi_{309}^{2}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
147455	1860	1236	$\frac{4}{309}$	$\frac{61}{309}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1236}^{2}\ \Phi_{618}^{2}\ \Phi_{412}^{2}\ \Phi_{206}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
147456	1860	252	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^{10}\ \Phi_{126}^{4}\ \Phi_{84}^{10}\ \Phi_{63}^{6}\ \Phi_{42}^{4}\ \Phi_{36}^{10}\ \Phi_{28}^{10}\ \Phi_{21}^{6}\ \Phi_{18}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{7}\ \Phi_{9}^{6}\ \Phi_{7}^{6}\ \Phi_{6}^{3}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
147457	1860	1236	$\frac{3}{103}$	$\frac{10}{103}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1236}^{3}\ \Phi_{618}^{3}\ \Phi_{12}^{4}\ \Phi_{6}^{4}$
147458	1860	1056	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1056}^{3}\ \Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{132}^{2}\ \Phi_{66}^{2}\ \Phi_{33}^{3}$
147459	1860	924	$\frac{1}{21}$	$\frac{2}{33}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{924}^{3}\ \Phi_{462}^{3}\ \Phi_{308}^{3}\ \Phi_{154}^{3}\ \Phi_{132}^{2}\ \Phi_{84}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{42}\ \Phi_{28}\ \Phi_{22}^{2}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
147460	1860	1848	$\frac{3}{154}$	$\frac{1}{7}$	$\frac{151}{616}$	$\frac{1}{3}$	$\Phi_{1848}^{2}\ \Phi_{924}^{2}\ \Phi_{264}^{2}\ \Phi_{168}^{2}\ \Phi_{132}^{2}\ \Phi_{84}^{2}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{12}^{2}$
147461	1860	2652	$\frac{2}{51}$	$\frac{1}{13}$	$\frac{49}{204}$	$\frac{1}{3}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{884}\ \Phi_{442}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
147462	1860	1947	$\frac{3}{59}$	$\frac{2}{33}$	$\frac{14}{59}$	$\frac{1}{3}$	$\Phi_{1947}\ \Phi_{649}\ \Phi_{59}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
147463	1860	1482	$\frac{1}{19}$	$\frac{29}{494}$	$\frac{9}{38}$	$\frac{1}{3}$	$\Phi_{1482}^{2}\ \Phi_{741}^{2}\ \Phi_{78}^{2}\ \Phi_{57}\ \Phi_{39}^{2}$
147464	1860	1824	$\frac{1}{19}$	$\frac{9}{152}$	$\frac{143}{608}$	$\frac{1}{3}$	$\Phi_{1824}^{2}\ \Phi_{912}^{2}\ \Phi_{96}^{2}\ \Phi_{57}\ \Phi_{48}^{2}$
147465	1860	3720	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{3720}\ \Phi_{1860}\ \Phi_{744}\ \Phi_{372}\ \Phi_{93}$
147466	1860	2106	$\frac{7}{162}$	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{702}\ \Phi_{351}\ \Phi_{234}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
147467	1860	1428	$\frac{11}{476}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{1428}^{2}\ \Phi_{714}^{2}\ \Phi_{357}^{2}\ \Phi_{204}^{2}\ \Phi_{102}^{2}\ \Phi_{84}^{2}\ \Phi_{51}^{2}\ \Phi_{21}\ \Phi_{12}^{2}$
147468	1860	588	$\frac{1}{49}$	$\frac{8}{49}$	$\frac{41}{196}$	$\frac{1}{3}$	$\Phi_{588}^{6}\ \Phi_{294}^{6}\ \Phi_{147}\ \Phi_{84}^{6}\ \Phi_{42}^{6}\ \Phi_{21}\ \Phi_{12}^{6}\ \Phi_{6}^{6}$
147469	1860	570	$\frac{2}{95}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{570}^{4}\ \Phi_{285}^{2}\ \Phi_{190}^{4}\ \Phi_{114}^{4}\ \Phi_{95}^{4}\ \Phi_{57}^{2}\ \Phi_{38}^{4}\ \Phi_{30}^{2}\ \Phi_{19}^{4}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
147470	1860	3255	$\frac{1}{31}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3255}\ \Phi_{651}\ \Phi_{93}$
147471	1860	2640	$\frac{2}{33}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{880}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{110}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
147472	1860	231	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{15}{77}$	$\frac{1}{3}$	$\Phi_{231}^{12}\ \Phi_{33}^{12}\ \Phi_{21}^{13}\ \Phi_{3}^{12}$
147473	1860	2793	$\frac{26}{931}$	$\frac{125}{931}$	$\frac{181}{931}$	$\frac{1}{3}$	$\Phi_{2793}\ \Phi_{399}\ \Phi_{147}\ \Phi_{57}\ \Phi_{21}$
147474	1860	3795	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{22}{115}$	$\frac{1}{3}$	$\Phi_{3795}\ \Phi_{165}\ \Phi_{33}$
147475	1860	1947	$\frac{2}{33}$	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{1}{3}$	$\Phi_{1947}\ \Phi_{649}\ \Phi_{59}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
147476	1860	114	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{7}{38}$	$\frac{1}{3}$	$\Phi_{114}^{24}\ \Phi_{57}^{25}\ \Phi_{6}^{24}\ \Phi_{3}^{24}$
147477	1860	294	$\frac{5}{98}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{1}{3}$	$\Phi_{294}^{10}\ \Phi_{147}^{9}\ \Phi_{42}^{10}\ \Phi_{21}^{9}\ \Phi_{6}^{10}\ \Phi_{3}^{8}$
147478	1860	2325	$\frac{1}{31}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{2325}\ \Phi_{775}\ \Phi_{93}$
147479	1860	2784	$\frac{1}{32}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{2784}\ \Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{96}^{2}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
147480	1860	2793	$\frac{25}{931}$	$\frac{151}{931}$	$\frac{156}{931}$	$\frac{1}{3}$	$\Phi_{2793}\ \Phi_{399}\ \Phi_{147}\ \Phi_{57}\ \Phi_{21}$
147481	1860	222	$\frac{1}{37}$	$\frac{6}{37}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{222}^{10}\ \Phi_{111}^{5}\ \Phi_{74}^{10}\ \Phi_{37}^{10}\ \Phi_{6}^{12}\ \Phi_{3}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
147482	1860	672	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}^{4}\ \Phi_{168}^{3}\ \Phi_{112}^{4}\ \Phi_{84}^{3}\ \Phi_{56}^{4}\ \Phi_{42}\ \Phi_{28}^{4}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}$
147483	1860	1116	$\frac{1}{31}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1116}^{2}\ \Phi_{558}^{2}\ \Phi_{372}^{2}\ \Phi_{279}^{2}\ \Phi_{124}^{2}\ \Phi_{93}$
147484	1860	858	$\frac{2}{33}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{858}^{3}\ \Phi_{429}^{2}\ \Phi_{286}^{3}\ \Phi_{143}^{2}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
147485	1860	171	$\frac{1}{19}$	$\frac{16}{171}$	$\frac{3}{19}$	$\frac{1}{3}$	$\Phi_{171}^{12}\ \Phi_{57}^{7}\ \Phi_{19}^{12}\ \Phi_{9}^{12}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
147486	1860	1947	$\frac{2}{33}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{1}{3}$	$\Phi_{1947}\ \Phi_{649}\ \Phi_{59}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
147487	1860	483	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{483}^{6}\ \Phi_{69}^{6}\ \Phi_{21}$
147488	1860	1617	$\frac{3}{77}$	$\frac{74}{539}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1617}^{2}\ \Phi_{147}^{2}\ \Phi_{21}$
147489	1860	3696	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{3696}\ \Phi_{1848}\ \Phi_{924}\ \Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{21}$
147490	1860	231	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{231}^{9}\ \Phi_{77}^{10}\ \Phi_{21}^{10}\ \Phi_{7}^{10}$
147491	1860	3003	$\frac{71}{1001}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{3003}\ \Phi_{429}\ \Phi_{273}\ \Phi_{39}\ \Phi_{21}$
147492	1860	168	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{168}^{12}\ \Phi_{84}^{12}\ \Phi_{56}^{12}\ \Phi_{42}^{6}\ \Phi_{28}^{12}\ \Phi_{24}^{12}\ \Phi_{21}^{7}\ \Phi_{14}^{12}\ \Phi_{12}^{12}\ \Phi_{8}^{12}\ \Phi_{7}^{12}\ \Phi_{6}^{6}\ \Phi_{4}^{12}\ \Phi_{3}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
147493	1860	1596	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{67}{532}$	$\frac{1}{3}$	$\Phi_{1596}^{2}\ \Phi_{798}^{2}\ \Phi_{399}^{2}\ \Phi_{84}^{2}\ \Phi_{57}\ \Phi_{42}^{2}\ \Phi_{21}^{2}$
147494	1860	231	$\frac{1}{77}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{76}{231}$	$\Phi_{231}^{12}\ \Phi_{33}^{12}\ \Phi_{21}^{12}\ \Phi_{11}\ \Phi_{3}^{12}\ \Phi_{1}^{2}$
147495	1860	4620	$\frac{1}{77}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{76}{231}$	$\Phi_{4620}\ \Phi_{2310}\ \Phi_{660}\ \Phi_{420}\ \Phi_{330}\ \Phi_{210}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
147496	1860	874	$\frac{1}{46}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{15}{46}$	$\Phi_{874}^{2}\ \Phi_{437}^{2}\ \Phi_{46}^{4}\ \Phi_{38}^{2}\ \Phi_{23}^{4}\ \Phi_{19}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
147497	1860	690	$\frac{1}{46}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{15}{46}$	$\Phi_{690}^{4}\ \Phi_{345}^{4}\ \Phi_{230}^{2}\ \Phi_{115}^{2}\ \Phi_{30}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
147498	1860	1859	$\frac{47}{1859}$	$\frac{251}{1859}$	$\frac{402}{1859}$	$\frac{604}{1859}$	$\Phi_{1859}\ \Phi_{169}\ \Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
147499	1860	1836	$\frac{4}{153}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{149}{459}$	$\Phi_{1836}^{2}\ \Phi_{918}^{2}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
147500	1860	2238	$\frac{10}{373}$	$\frac{1}{6}$	$\frac{63}{373}$	$\frac{121}{373}$	$\Phi_{2238}\ \Phi_{1119}\ \Phi_{746}$
147501	1860	1859	$\frac{50}{1859}$	$\frac{309}{1859}$	$\frac{314}{1859}$	$\frac{603}{1859}$	$\Phi_{1859}\ \Phi_{169}\ \Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
147502	1860	2330	$\frac{13}{466}$	$\frac{63}{466}$	$\frac{1}{5}$	$\frac{151}{466}$	$\Phi_{2330}\ \Phi_{1165}\ \Phi_{10}$
147503	1860	2655	$\frac{2}{59}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{19}{59}$	$\Phi_{2655}\ \Phi_{531}\ \Phi_{59}\ \Phi_{45}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
147504	1860	2360	$\frac{2}{59}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{19}{59}$	$\Phi_{2360}\ \Phi_{1180}\ \Phi_{472}\ \Phi_{236}\ \Phi_{59}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
147505	1860	2065	$\frac{2}{59}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{19}{59}$	$\Phi_{2065}\ \Phi_{413}\ \Phi_{59}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
147506	1860	2124	$\frac{2}{59}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{19}{59}$	$\Phi_{2124}\ \Phi_{1062}\ \Phi_{708}\ \Phi_{531}\ \Phi_{236}\ \Phi_{59}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
147507	1860	2964	$\frac{3}{76}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{73}{228}$	$\Phi_{2964}\ \Phi_{1482}\ \Phi_{741}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
147508	1860	91	$\frac{4}{91}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{29}{91}$	$\Phi_{91}^{20}\ \Phi_{13}^{23}\ \Phi_{7}^{20}\ \Phi_{1}^{24}$
147509	1860	187	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{32}{187}$	$\frac{59}{187}$	$\Phi_{187}^{10}\ \Phi_{17}^{10}\ \Phi_{11}^{9}\ \Phi_{1}^{10}$
147510	1860	169	$\frac{10}{169}$	$\frac{14}{169}$	$\frac{29}{169}$	$\frac{53}{169}$	$\Phi_{169}^{11}\ \Phi_{13}^{11}\ \Phi_{1}^{12}$
147511	1860	1260	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{1260}^{3}\ \Phi_{630}^{3}\ \Phi_{252}^{3}\ \Phi_{180}^{2}\ \Phi_{126}^{3}\ \Phi_{90}^{2}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}^{2}\ \Phi_{28}\ \Phi_{18}^{2}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
147512	1860	2655	$\frac{3}{59}$	$\frac{1}{15}$	$\frac{14}{59}$	$\frac{14}{45}$	$\Phi_{2655}\ \Phi_{531}\ \Phi_{59}\ \Phi_{45}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
147513	1860	720	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{14}{45}$	$\Phi_{720}^{4}\ \Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{144}^{4}\ \Phi_{90}^{4}\ \Phi_{80}\ \Phi_{72}^{4}\ \Phi_{40}\ \Phi_{36}^{4}\ \Phi_{20}\ \Phi_{18}^{4}\ \Phi_{10}$
147514	1860	2655	$\frac{1}{15}$	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{14}{45}$	$\Phi_{2655}\ \Phi_{531}\ \Phi_{59}\ \Phi_{45}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
147515	1860	1170	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{14}{45}$	$\Phi_{1170}^{3}\ \Phi_{585}^{2}\ \Phi_{234}^{3}\ \Phi_{117}^{2}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
147516	1860	2655	$\frac{1}{15}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{14}{45}$	$\Phi_{2655}\ \Phi_{531}\ \Phi_{59}\ \Phi_{45}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
147517	1860	3465	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{14}{45}$	$\Phi_{3465}\ \Phi_{693}\ \Phi_{77}$
147518	1860	3588	$\frac{1}{23}$	$\frac{22}{299}$	$\frac{1}{4}$	$\frac{277}{897}$	$\Phi_{3588}\ \Phi_{1794}\ \Phi_{276}\ \Phi_{156}\ \Phi_{138}\ \Phi_{92}\ \Phi_{78}\ \Phi_{46}\ \Phi_{12}\ \Phi_{6}$
147519	1860	65	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{65}^{30}\ \Phi_{13}^{23}\ \Phi_{5}^{30}\ \Phi_{1}^{24}$
147520	1860	468	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{5}{36}$	$\frac{11}{36}$	$\Phi_{468}^{4}\ \Phi_{234}^{4}\ \Phi_{156}^{5}\ \Phi_{117}^{4}\ \Phi_{78}^{5}\ \Phi_{52}^{5}\ \Phi_{39}^{5}\ \Phi_{26}^{5}\ \Phi_{13}^{4}$
147521	1860	3564	$\frac{1}{27}$	$\frac{26}{297}$	$\frac{1}{4}$	$\frac{271}{891}$	$\Phi_{3564}\ \Phi_{1782}\ \Phi_{324}\ \Phi_{162}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
147522	1860	351	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{41}{351}$	$\frac{35}{117}$	$\Phi_{351}^{6}\ \Phi_{117}^{3}\ \Phi_{39}^{6}\ \Phi_{27}^{6}\ \Phi_{13}^{5}\ \Phi_{9}^{3}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
147523	1860	2511	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{2511}\ \Phi_{279}\ \Phi_{93}$
147524	1860	44	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{13}{44}$	$\Phi_{44}^{40}\ \Phi_{22}^{40}\ \Phi_{11}^{49}\ \Phi_{4}^{40}\ \Phi_{2}^{40}\ \Phi_{1}^{50}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
147525	1860	374	$\frac{3}{34}$	$\frac{1}{11}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{374}^{6}\ \Phi_{187}^{5}\ \Phi_{22}^{6}\ \Phi_{11}^{4}$
147526	1860	169	$\frac{14}{169}$	$\frac{15}{169}$	$\frac{22}{169}$	$\frac{49}{169}$	$\Phi_{169}^{11}\ \Phi_{13}^{11}\ \Phi_{1}^{12}$
147527	1860	287	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{10}{41}$	$\frac{2}{7}$	$\Phi_{287}^{6}\ \Phi_{41}^{9}\ \Phi_{7}^{8}\ \Phi_{1}^{12}$
147528	1860	1120	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{1120}^{2}\ \Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{160}^{3}\ \Phi_{140}^{2}\ \Phi_{80}^{3}\ \Phi_{70}^{2}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}$
147529	1860	1859	$\frac{43}{1859}$	$\frac{281}{1859}$	$\frac{454}{1859}$	$\frac{526}{1859}$	$\Phi_{1859}\ \Phi_{169}\ \Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
147530	1860	2808	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{216}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
147531	1860	1952	$\frac{1}{32}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	$\Phi_{1952}\ \Phi_{976}\ \Phi_{488}\ \Phi_{244}\ \Phi_{122}$
147532	1860	429	$\frac{5}{143}$	$\frac{23}{143}$	$\frac{24}{143}$	$\frac{119}{429}$	$\Phi_{429}^{6}\ \Phi_{143}\ \Phi_{39}^{6}\ \Phi_{33}^{6}\ \Phi_{13}\ \Phi_{11}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
147533	1860	77	$\frac{2}{77}$	$\frac{2}{11}$	$\frac{15}{77}$	$\frac{3}{11}$	$\Phi_{77}^{24}\ \Phi_{11}^{25}\ \Phi_{7}^{24}\ \Phi_{1}^{26}$
147534	1860	1056	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1056}^{2}\ \Phi_{528}^{2}\ \Phi_{352}\ \Phi_{264}^{2}\ \Phi_{176}\ \Phi_{132}^{2}\ \Phi_{96}^{4}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}^{4}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}^{2}\ \Phi_{24}^{4}\ \Phi_{16}^{2}\ \Phi_{12}^{4}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
147535	1860	1771	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{161}^{2}\ \Phi_{23}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
147536	1860	176	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{176}^{12}\ \Phi_{88}^{12}\ \Phi_{44}^{12}\ \Phi_{16}^{12}\ \Phi_{11}\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{1}^{2}$
147537	1860	33	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{33}^{60}\ \Phi_{11}^{49}\ \Phi_{3}^{60}\ \Phi_{1}^{50}$
147538	1860	1848	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}^{2}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}^{2}\ \Phi_{66}\ \Phi_{56}^{2}\ \Phi_{44}\ \Phi_{42}^{2}\ \Phi_{33}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
147539	1860	935	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{16}{85}$	$\frac{23}{85}$	$\Phi_{935}^{2}\ \Phi_{187}^{3}\ \Phi_{55}^{2}\ \Phi_{11}^{2}$
147540	1860	1859	$\frac{49}{1859}$	$\frac{340}{1859}$	$\frac{362}{1859}$	$\frac{499}{1859}$	$\Phi_{1859}\ \Phi_{169}\ \Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
147541	1860	2330	$\frac{11}{466}$	$\frac{91}{466}$	$\frac{1}{5}$	$\frac{125}{466}$	$\Phi_{2330}\ \Phi_{1165}\ \Phi_{10}$
147542	1860	2160	$\frac{1}{16}$	$\frac{11}{135}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{108}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{54}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}$
147543	1860	169	$\frac{4}{169}$	$\frac{33}{169}$	$\frac{34}{169}$	$\frac{45}{169}$	$\Phi_{169}^{11}\ \Phi_{13}^{11}\ \Phi_{1}^{12}$
147544	1860	1952	$\frac{1}{32}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{1952}\ \Phi_{976}\ \Phi_{488}\ \Phi_{244}\ \Phi_{122}$
147545	1860	1302	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{1302}^{2}\ \Phi_{651}^{2}\ \Phi_{217}\ \Phi_{186}^{2}\ \Phi_{93}^{2}$
147546	1860	208	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{49}{208}$	$\frac{53}{208}$	$\Phi_{208}^{8}\ \Phi_{104}^{8}\ \Phi_{52}^{12}\ \Phi_{26}^{12}\ \Phi_{16}^{8}\ \Phi_{13}^{11}\ \Phi_{8}^{8}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
147547	1860	169	$\frac{9}{169}$	$\frac{14}{169}$	$\frac{40}{169}$	$\frac{43}{169}$	$\Phi_{169}^{11}\ \Phi_{13}^{11}\ \Phi_{1}^{12}$
147548	1860	1859	$\frac{51}{1859}$	$\frac{278}{1859}$	$\frac{452}{1859}$	$\frac{469}{1859}$	$\Phi_{1859}\ \Phi_{169}\ \Phi_{143}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}^{2}$
147549	1860	2238	$\frac{9}{373}$	$\frac{1}{6}$	$\frac{91}{373}$	$\frac{94}{373}$	$\Phi_{2238}\ \Phi_{1119}\ \Phi_{746}$
147550	1860	828	$\frac{1}{69}$	$\frac{17}{69}$	$\frac{1}{4}$	$\frac{52}{207}$	$\Phi_{828}^{4}\ \Phi_{414}^{4}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}\ \Phi_{46}\ \Phi_{36}^{4}\ \Phi_{18}^{4}\ \Phi_{12}\ \Phi_{6}$
147551	1860	492	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{10}{41}$	$\frac{1}{4}$	$\Phi_{492}^{6}\ \Phi_{246}^{3}\ \Phi_{164}^{3}\ \Phi_{123}^{3}\ \Phi_{41}^{3}\ \Phi_{12}^{8}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
147552	1860	2484	$\frac{17}{621}$	$\frac{94}{621}$	$\frac{151}{621}$	$\frac{1}{4}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{138}\ \Phi_{108}\ \Phi_{92}\ \Phi_{54}\ \Phi_{46}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
147553	1860	840	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{840}^{3}\ \Phi_{420}\ \Phi_{280}^{3}\ \Phi_{210}^{2}\ \Phi_{168}^{3}\ \Phi_{140}\ \Phi_{120}^{3}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}\ \Phi_{56}^{3}\ \Phi_{42}^{3}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{3}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
147554	1860	324	$\frac{7}{162}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{324}^{8}\ \Phi_{162}^{4}\ \Phi_{108}^{8}\ \Phi_{81}^{4}\ \Phi_{54}^{4}\ \Phi_{36}^{5}\ \Phi_{27}^{4}\ \Phi_{18}\ \Phi_{12}^{5}\ \Phi_{9}^{4}\ \Phi_{6}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
147555	1860	608	$\frac{1}{32}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{608}^{3}\ \Phi_{304}^{3}\ \Phi_{152}^{3}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{32}^{6}\ \Phi_{19}^{3}\ \Phi_{16}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
147556	1860	2484	$\frac{16}{621}$	$\frac{121}{621}$	$\frac{125}{621}$	$\frac{1}{4}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{138}\ \Phi_{108}\ \Phi_{92}\ \Phi_{54}\ \Phi_{46}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
147557	1860	1540	$\frac{2}{77}$	$\frac{15}{77}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1540}^{2}\ \Phi_{770}^{2}\ \Phi_{220}^{2}\ \Phi_{140}^{2}\ \Phi_{110}^{2}\ \Phi_{70}^{2}\ \Phi_{20}^{3}\ \Phi_{10}^{3}$
147558	1860	480	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{480}^{6}\ \Phi_{240}^{6}\ \Phi_{160}^{3}\ \Phi_{120}^{6}\ \Phi_{80}^{3}\ \Phi_{60}^{4}\ \Phi_{40}^{3}\ \Phi_{30}^{5}\ \Phi_{20}^{2}\ \Phi_{15}^{5}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
147559	1860	3220	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{3220}\ \Phi_{1610}\ \Phi_{460}\ \Phi_{230}\ \Phi_{20}\ \Phi_{10}$
147560	1860	880	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{880}^{3}\ \Phi_{440}^{3}\ \Phi_{220}\ \Phi_{110}^{2}\ \Phi_{80}^{3}\ \Phi_{55}^{2}\ \Phi_{40}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
147561	1860	420	$\frac{1}{21}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{140}^{5}\ \Phi_{84}^{7}\ \Phi_{70}^{5}\ \Phi_{60}^{6}\ \Phi_{42}^{7}\ \Phi_{30}^{6}\ \Phi_{28}^{6}\ \Phi_{20}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{7}\ \Phi_{10}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
147562	1860	660	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{660}^{5}\ \Phi_{330}^{5}\ \Phi_{220}^{4}\ \Phi_{110}^{4}\ \Phi_{60}^{5}\ \Phi_{30}^{5}\ \Phi_{20}^{5}\ \Phi_{10}^{5}$
147563	1860	840	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{280}^{3}\ \Phi_{210}^{3}\ \Phi_{140}\ \Phi_{120}^{3}\ \Phi_{105}^{3}\ \Phi_{70}^{2}\ \Phi_{60}^{3}\ \Phi_{40}^{3}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
147564	1860	612	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{29}{153}$	$\frac{1}{4}$	$\Phi_{612}^{4}\ \Phi_{306}^{4}\ \Phi_{204}^{4}\ \Phi_{102}^{4}\ \Phi_{68}^{4}\ \Phi_{36}^{5}\ \Phi_{34}^{4}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
147565	1860	276	$\frac{4}{69}$	$\frac{7}{69}$	$\frac{13}{69}$	$\frac{1}{4}$	$\Phi_{276}^{9}\ \Phi_{138}^{9}\ \Phi_{92}^{9}\ \Phi_{46}^{9}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}$
147566	1860	540	$\frac{2}{27}$	$\frac{11}{135}$	$\frac{5}{27}$	$\frac{1}{4}$	$\Phi_{540}^{5}\ \Phi_{270}^{5}\ \Phi_{180}^{5}\ \Phi_{108}^{3}\ \Phi_{90}^{5}\ \Phi_{60}^{5}\ \Phi_{54}^{3}\ \Phi_{36}^{3}\ \Phi_{30}^{5}\ \Phi_{20}^{5}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{5}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
147567	1860	252	$\frac{1}{21}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{252}^{9}\ \Phi_{126}^{9}\ \Phi_{84}^{4}\ \Phi_{63}^{9}\ \Phi_{42}^{7}\ \Phi_{36}^{6}\ \Phi_{28}^{4}\ \Phi_{21}^{6}\ \Phi_{18}^{6}\ \Phi_{14}^{7}\ \Phi_{12}^{3}\ \Phi_{9}^{6}\ \Phi_{7}^{6}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
147568	1860	276	$\frac{2}{23}$	$\frac{7}{69}$	$\frac{3}{23}$	$\frac{1}{4}$	$\Phi_{276}^{10}\ \Phi_{138}^{10}\ \Phi_{92}^{7}\ \Phi_{46}^{7}\ \Phi_{12}^{10}\ \Phi_{6}^{10}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
147569	1860	2360	$\frac{3}{59}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{14}{59}$	$\Phi_{2360}\ \Phi_{1180}\ \Phi_{472}\ \Phi_{236}\ \Phi_{59}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
147570	1860	2065	$\frac{3}{59}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{14}{59}$	$\Phi_{2065}\ \Phi_{413}\ \Phi_{59}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
147571	1860	2124	$\frac{3}{59}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{14}{59}$	$\Phi_{2124}\ \Phi_{1062}\ \Phi_{708}\ \Phi_{531}\ \Phi_{236}\ \Phi_{59}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
147572	1860	121	$\frac{9}{121}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{28}{121}$	$\Phi_{121}^{15}\ \Phi_{11}^{19}\ \Phi_{1}^{20}$
147573	1860	104	$\frac{1}{13}$	$\frac{11}{104}$	$\frac{2}{13}$	$\frac{3}{13}$	$\Phi_{104}^{20}\ \Phi_{52}^{20}\ \Phi_{26}^{20}\ \Phi_{13}^{3}\ \Phi_{8}^{20}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{4}$
147574	1860	182	$\frac{1}{13}$	$\frac{10}{91}$	$\frac{27}{182}$	$\frac{3}{13}$	$\Phi_{182}^{12}\ \Phi_{91}^{8}\ \Phi_{26}^{12}\ \Phi_{14}^{12}\ \Phi_{13}^{11}\ \Phi_{7}^{8}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
147575	1860	2496	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{37}{192}$	$\frac{11}{48}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{832}\ \Phi_{416}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
147576	1860	110	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{17}{110}$	$\frac{5}{22}$	$\Phi_{110}^{20}\ \Phi_{55}^{20}\ \Phi_{11}^{9}\ \Phi_{10}^{20}\ \Phi_{5}^{20}\ \Phi_{1}^{10}$
147577	1860	80	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{40}$	$\Phi_{80}^{25}\ \Phi_{40}^{21}\ \Phi_{20}^{21}\ \Phi_{16}^{24}\ \Phi_{10}^{25}\ \Phi_{8}^{20}\ \Phi_{5}^{24}\ \Phi_{4}^{20}\ \Phi_{2}^{24}\ \Phi_{1}^{24}$
147578	1860	2360	$\frac{4}{59}$	$\frac{1}{10}$	$\frac{11}{59}$	$\frac{9}{40}$	$\Phi_{2360}\ \Phi_{1180}\ \Phi_{472}\ \Phi_{236}\ \Phi_{59}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
147579	1860	1560	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{40}$	$\Phi_{1560}^{2}\ \Phi_{780}^{2}\ \Phi_{520}\ \Phi_{312}^{2}\ \Phi_{260}\ \Phi_{156}^{2}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
147580	1860	2360	$\frac{5}{59}$	$\frac{1}{10}$	$\frac{9}{59}$	$\frac{9}{40}$	$\Phi_{2360}\ \Phi_{1180}\ \Phi_{472}\ \Phi_{236}\ \Phi_{59}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
147581	1860	3080	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{40}$	$\Phi_{3080}\ \Phi_{1540}\ \Phi_{616}\ \Phi_{308}\ \Phi_{77}$
147582	1860	2185	$\frac{1}{23}$	$\frac{3}{19}$	$\frac{22}{115}$	$\frac{4}{19}$	$\Phi_{2185}\ \Phi_{115}^{2}\ \Phi_{95}\ \Phi_{19}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
147583	1860	39	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{8}{39}$	$\Phi_{39}^{48}\ \Phi_{13}^{47}\ \Phi_{3}^{48}\ \Phi_{1}^{48}$
147584	1860	560	$\frac{1}{16}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{140}^{4}\ \Phi_{112}^{4}\ \Phi_{80}\ \Phi_{70}^{4}\ \Phi_{56}^{4}\ \Phi_{40}\ \Phi_{28}^{4}\ \Phi_{20}\ \Phi_{14}^{4}\ \Phi_{10}$
147585	1860	690	$\frac{1}{23}$	$\frac{1}{6}$	$\frac{22}{115}$	$\frac{1}{5}$	$\Phi_{690}^{3}\ \Phi_{345}^{3}\ \Phi_{230}^{3}\ \Phi_{138}^{4}\ \Phi_{69}^{4}\ \Phi_{46}^{4}\ \Phi_{30}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
147586	1860	2065	$\frac{4}{59}$	$\frac{4}{35}$	$\frac{11}{59}$	$\frac{1}{5}$	$\Phi_{2065}\ \Phi_{413}\ \Phi_{59}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
147587	1860	1200	$\frac{1}{16}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{5}$	$\Phi_{1200}^{2}\ \Phi_{600}^{2}\ \Phi_{400}^{2}\ \Phi_{300}^{2}\ \Phi_{200}^{2}\ \Phi_{150}^{2}\ \Phi_{100}^{2}\ \Phi_{80}\ \Phi_{50}^{2}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
147588	1860	720	$\frac{1}{16}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{720}^{4}\ \Phi_{360}^{4}\ \Phi_{240}^{2}\ \Phi_{180}^{3}\ \Phi_{120}^{2}\ \Phi_{90}^{3}\ \Phi_{80}^{3}\ \Phi_{60}\ \Phi_{45}^{3}\ \Phi_{40}^{3}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
147589	1860	2730	$\frac{1}{13}$	$\frac{4}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{910}\ \Phi_{546}\ \Phi_{273}\ \Phi_{182}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
147590	1860	2065	$\frac{5}{59}$	$\frac{4}{35}$	$\frac{9}{59}$	$\frac{1}{5}$	$\Phi_{2065}\ \Phi_{413}\ \Phi_{59}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
147591	1860	385	$\frac{1}{11}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{385}^{5}\ \Phi_{77}^{6}\ \Phi_{55}^{6}\ \Phi_{11}^{6}$
147592	1860	2124	$\frac{4}{59}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{11}{59}$	$\Phi_{2124}\ \Phi_{1062}\ \Phi_{708}\ \Phi_{531}\ \Phi_{236}\ \Phi_{59}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
147593	1860	468	$\frac{1}{13}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{468}^{5}\ \Phi_{234}^{5}\ \Phi_{156}^{5}\ \Phi_{117}^{5}\ \Phi_{78}\ \Phi_{52}^{5}\ \Phi_{39}\ \Phi_{26}$
147594	1860	2124	$\frac{5}{59}$	$\frac{5}{36}$	$\frac{9}{59}$	$\frac{1}{6}$	$\Phi_{2124}\ \Phi_{1062}\ \Phi_{708}\ \Phi_{531}\ \Phi_{236}\ \Phi_{59}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
147595	1860	2772	$\frac{1}{11}$	$\frac{5}{36}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{693}\ \Phi_{308}\ \Phi_{77}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
147596	1861	2976	$\frac{1}{372}$	$\frac{373}{1488}$	$\frac{1115}{2976}$	$\frac{371}{744}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{744}\ \Phi_{248}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
147597	1861	3712	$\frac{5}{1856}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1851}{3712}$	$\Phi_{3712}\ \Phi_{128}\ \Phi_{8}\ \Phi_{1}$
147598	1861	2484	$\frac{2}{621}$	$\frac{623}{2484}$	$\frac{1}{3}$	$\frac{619}{1242}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{621}\ \Phi_{276}\ \Phi_{207}\ \Phi_{108}\ \Phi_{92}\ \Phi_{69}\ \Phi_{36}\ \Phi_{27}\ \Phi_{23}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
147599	1861	3708	$\frac{7}{1854}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1847}{3708}$	$\Phi_{3708}\ \Phi_{1236}\ \Phi_{412}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
147600	1861	3696	$\frac{13}{1848}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1835}{3696}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{112}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
147601	1861	3472	$\frac{1}{124}$	$\frac{125}{1736}$	$\frac{1611}{3472}$	$\frac{123}{248}$	$\Phi_{3472}\ \Phi_{496}\ \Phi_{248}\ \Phi_{112}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
147602	1861	2070	$\frac{2}{207}$	$\frac{209}{2070}$	$\frac{1}{3}$	$\frac{205}{414}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{207}\ \Phi_{115}\ \Phi_{90}\ \Phi_{69}\ \Phi_{45}\ \Phi_{30}\ \Phi_{23}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
147603	1861	3680	$\frac{21}{1840}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{1819}{3680}$	$\Phi_{3680}\ \Phi_{736}\ \Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
147604	1861	3672	$\frac{25}{1836}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1811}{3672}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{216}\ \Phi_{136}\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
147605	1861	3672	$\frac{25}{1836}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1811}{3672}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{216}\ \Phi_{136}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
147606	1861	3600	$\frac{1}{60}$	$\frac{61}{1800}$	$\frac{1739}{3600}$	$\frac{59}{120}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
147607	1861	2400	$\frac{1}{60}$	$\frac{61}{600}$	$\frac{539}{2400}$	$\frac{59}{120}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
147608	1861	2160	$\frac{1}{60}$	$\frac{299}{2160}$	$\frac{61}{360}$	$\frac{59}{120}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
147609	1861	2496	$\frac{11}{624}$	$\frac{1}{12}$	$\frac{635}{2496}$	$\frac{613}{1248}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{192}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{64}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
147610	1861	3648	$\frac{37}{1824}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1787}{3648}$	$\Phi_{3648}\ \Phi_{1216}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
147611	1861	1944	$\frac{2}{81}$	$\frac{83}{1944}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
147612	1861	1932	$\frac{2}{69}$	$\frac{71}{1932}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{276}\ \Phi_{161}\ \Phi_{92}\ \Phi_{84}\ \Phi_{69}\ \Phi_{42}\ \Phi_{28}\ \Phi_{23}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
147613	1861	3600	$\frac{1}{30}$	$\frac{61}{1800}$	$\frac{29}{90}$	$\frac{1739}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
147614	1861	3600	$\frac{61}{1800}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{1739}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{75}\ \Phi_{48}\ \Phi_{25}\ \Phi_{16}\ \Phi_{1}$
147615	1861	3600	$\frac{61}{1800}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1739}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
147616	1861	2250	$\frac{14}{375}$	$\frac{1}{15}$	$\frac{389}{2250}$	$\frac{361}{750}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{450}\ \Phi_{375}\ \Phi_{225}\ \Phi_{125}\ \Phi_{90}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
147617	1861	3588	$\frac{2}{69}$	$\frac{67}{1794}$	$\frac{1}{3}$	$\frac{1727}{3588}$	$\Phi_{3588}\ \Phi_{1196}\ \Phi_{276}\ \Phi_{156}\ \Phi_{92}\ \Phi_{69}\ \Phi_{52}\ \Phi_{23}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
147618	1861	3564	$\frac{2}{81}$	$\frac{79}{1782}$	$\frac{1}{3}$	$\frac{1703}{3564}$	$\Phi_{3564}\ \Phi_{1188}\ \Phi_{396}\ \Phi_{324}\ \Phi_{132}\ \Phi_{108}\ \Phi_{81}\ \Phi_{44}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
147619	1861	2520	$\frac{1}{30}$	$\frac{29}{630}$	$\frac{659}{2520}$	$\frac{601}{1260}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{126}\ \Phi_{120}\ \Phi_{105}\ \Phi_{90}\ \Phi_{72}\ \Phi_{70}\ \Phi_{63}\ \Phi_{56}\ \Phi_{45}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
147620	1861	2760	$\frac{21}{920}$	$\frac{1}{20}$	$\frac{899}{2760}$	$\frac{19}{40}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{120}\ \Phi_{69}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
147621	1861	1920	$\frac{59}{1920}$	$\frac{1}{20}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
147622	1861	2040	$\frac{9}{170}$	$\frac{179}{2040}$	$\frac{1}{10}$	$\frac{161}{340}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}\ \Phi_{120}\ \Phi_{102}\ \Phi_{85}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{34}\ \Phi_{30}\ \Phi_{24}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
147623	1861	3520	$\frac{101}{1760}$	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1659}{3520}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{110}\ \Phi_{64}\ \Phi_{55}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
147624	1861	1890	$\frac{29}{1890}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
147625	1861	2016	$\frac{11}{144}$	$\frac{155}{2016}$	$\frac{1}{12}$	$\frac{133}{288}$	Φ_{2016} Φ_{1008} Φ_{672} Φ_{504} Φ_{336} Φ_{252} Φ_{224} Φ_{168} Φ_{144} Φ_{126} Φ_{112} Φ_{84} Φ_{72} Φ_{63} Φ_{56} Φ_{48} Φ_{42} Φ_{36} Φ_{28} Φ_{24} Φ_{21} Φ_{18} Φ_{16} Φ_{14} Φ_{9} Φ_{8} Φ_{7} Φ_{1}
147626	1861	3456	$\frac{11}{144}$	$\frac{133}{1728}$	$\frac{1}{12}$	$\frac{1595}{3456}$	Φ_{3456} Φ_{1152} Φ_{384} Φ_{144} Φ_{128} Φ_{72} Φ_{48} Φ_{36} Φ_{24} Φ_{18} Φ_{16} Φ_{9} Φ_{8} Φ_{1}
147627	1861	1980	$\frac{119}{1980}$	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{220}$	Φ_{1980} Φ_{990} Φ_{660} Φ_{495} Φ_{396} Φ_{330} Φ_{198} Φ_{180} Φ_{165} Φ_{132} Φ_{110} Φ_{99} Φ_{90} Φ_{66} Φ_{60} Φ_{55} Φ_{45} Φ_{36} Φ_{33} Φ_{30} Φ_{22} Φ_{18} Φ_{15} Φ_{12} Φ_{11} Φ_{9} Φ_{6} Φ_{3} Φ_{1}
147628	1861	2112	$\frac{13}{264}$	$\frac{1}{12}$	$\frac{251}{2112}$	$\frac{11}{24}$	Φ_{2112} Φ_{1056} Φ_{704} Φ_{528} Φ_{352} Φ_{192} Φ_{176} Φ_{96} Φ_{64} Φ_{48} Φ_{32} Φ_{24} Φ_{16} Φ_{8} Φ_{1}
147629	1861	2016	$\frac{155}{2016}$	$\frac{13}{168}$	$\frac{1}{12}$	$\frac{11}{24}$	Φ_{2016} Φ_{1008} Φ_{672} Φ_{504} Φ_{336} Φ_{288} Φ_{252} Φ_{224} Φ_{144} Φ_{126} Φ_{112} Φ_{96} Φ_{72} Φ_{63} Φ_{48} Φ_{36} Φ_{32} Φ_{24} Φ_{18} Φ_{16} Φ_{9} Φ_{8} Φ_{1}
147630	1861	3432	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{145}{1716}$	$\frac{1571}{3432}$	Φ_{3432} Φ_{1144} Φ_{312} Φ_{264} Φ_{156} Φ_{104} Φ_{88} Φ_{78} Φ_{52} Φ_{39} Φ_{26} Φ_{24} Φ_{13} Φ_{8} Φ_{1}
147631	1861	3400	$\frac{9}{170}$	$\frac{161}{1700}$	$\frac{1}{10}$	$\frac{1539}{3400}$	Φ_{3400} Φ_{680} Φ_{200} Φ_{170} Φ_{136} Φ_{85} Φ_{40} Φ_{34} Φ_{17} Φ_{8} Φ_{1}
147632	1861	2160	$\frac{1}{30}$	$\frac{29}{270}$	$\frac{299}{2160}$	$\frac{241}{540}$	Φ_{2160} Φ_{1080} Φ_{720} Φ_{432} Φ_{360} Φ_{270} Φ_{240} Φ_{216} Φ_{144} Φ_{135} Φ_{120} Φ_{90} Φ_{80} Φ_{72} Φ_{54} Φ_{48} Φ_{45} Φ_{40} Φ_{27} Φ_{24} Φ_{18} Φ_{16} Φ_{9} Φ_{8} Φ_{1}
147633	1861	3360	$\frac{1}{60}$	$\frac{181}{1680}$	$\frac{59}{240}$	$\frac{1499}{3360}$	Φ_{3360} Φ_{1120} Φ_{672} Φ_{480} Φ_{240} Φ_{224} Φ_{160} Φ_{120} Φ_{96} Φ_{80} Φ_{48} Φ_{40} Φ_{32} Φ_{24} Φ_{16} Φ_{8} Φ_{1}
147634	1861	3360	$\frac{1}{30}$	$\frac{181}{1680}$	$\frac{29}{210}$	$\frac{1499}{3360}$	Φ_{3360} Φ_{1120} Φ_{672} Φ_{480} Φ_{224} Φ_{210} Φ_{160} Φ_{105} Φ_{96} Φ_{70} Φ_{42} Φ_{35} Φ_{32} Φ_{21} Φ_{14} Φ_{7} Φ_{1}
147635	1861	3348	$\frac{1}{93}$	$\frac{187}{1674}$	$\frac{92}{279}$	$\frac{1487}{3348}$	Φ_{3348} Φ_{1116} Φ_{372} Φ_{279} Φ_{124} Φ_{108} Φ_{36} Φ_{12} Φ_{9} Φ_{4} Φ_{1}
147636	1861	3312	$\frac{2}{207}$	$\frac{205}{1656}$	$\frac{1}{3}$	$\frac{1451}{3312}$	Φ_{3312} Φ_{1104} Φ_{368} Φ_{207} Φ_{144} Φ_{69} Φ_{48} Φ_{23} Φ_{16} Φ_{9} Φ_{1}
147637	1861	2100	$\frac{1}{30}$	$\frac{239}{2100}$	$\frac{29}{210}$	$\frac{181}{420}$	Φ_{2100} Φ_{1050} Φ_{700} Φ_{525} Φ_{350} Φ_{300} Φ_{210} Φ_{175} Φ_{150} Φ_{105} Φ_{100} Φ_{75} Φ_{70} Φ_{50} Φ_{42} Φ_{35} Φ_{25} Φ_{21} Φ_{14} Φ_{7} Φ_{1}
147638	1861	2604	$\frac{1}{93}$	$\frac{92}{651}$	$\frac{743}{2604}$	$\frac{559}{1302}$	Φ_{2604} Φ_{868} Φ_{651} Φ_{372} Φ_{217} Φ_{124} Φ_{84} Φ_{28} Φ_{21} Φ_{12} Φ_{7} Φ_{4} Φ_{1}
147639	1861	3240	$\frac{1}{30}$	$\frac{29}{270}$	$\frac{241}{1620}$	$\frac{1379}{3240}$	Φ_{3240} Φ_{1080} Φ_{648} Φ_{360} Φ_{270} Φ_{216} Φ_{135} Φ_{120} Φ_{90} Φ_{72} Φ_{54} Φ_{45} Φ_{40} Φ_{27} Φ_{24} Φ_{18} Φ_{9} Φ_{8} Φ_{1}
147640	1861	1950	$\frac{89}{1950}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{61}{150}$	Φ_{1950} Φ_{975} Φ_{650} Φ_{390} Φ_{325} Φ_{195} Φ_{130} Φ_{78} Φ_{75} Φ_{65} Φ_{39} Φ_{26} Φ_{25} Φ_{13} Φ_{1}
147641	1861	3120	$\frac{11}{312}$	$\frac{1}{12}$	$\frac{301}{1560}$	$\frac{1259}{3120}$	Φ_{3120} Φ_{1040} Φ_{624} Φ_{312} Φ_{240} Φ_{208} Φ_{156} Φ_{104} Φ_{80} Φ_{78} Φ_{52} Φ_{48} Φ_{39} Φ_{26} Φ_{24} Φ_{16} Φ_{13} Φ_{8} Φ_{1}
147642	1861	1872	$\frac{11}{1872}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	Φ_{1872} Φ_{936} Φ_{624} Φ_{468} Φ_{312} Φ_{234} Φ_{208} Φ_{156} Φ_{144} Φ_{117} Φ_{104} Φ_{78} Φ_{72} Φ_{52} Φ_{48} Φ_{39} Φ_{36} Φ_{26} Φ_{24} Φ_{16} Φ_{13} Φ_{12} Φ_{9} Φ_{8} Φ_{4} Φ_{1}
147643	1861	1920	$\frac{59}{1920}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	Φ_{1920} Φ_{960} Φ_{640} Φ_{480} Φ_{384} Φ_{320} Φ_{240} Φ_{192} Φ_{160} Φ_{128} Φ_{120} Φ_{80} Φ_{64} Φ_{60} Φ_{48} Φ_{40} Φ_{30} Φ_{24} Φ_{20} Φ_{16} Φ_{15} Φ_{10} Φ_{8} Φ_{5} Φ_{1}
147644	1861	3000	$\frac{14}{375}$	$\frac{1}{15}$	$\frac{361}{1500}$	$\frac{1139}{3000}$	Φ_{3000} Φ_{1000} Φ_{600} Φ_{375} Φ_{200} Φ_{125} Φ_{120} Φ_{75} Φ_{40} Φ_{25} Φ_{24} Φ_{8} Φ_{1}
147645	1861	2784	$\frac{5}{928}$	$\frac{1}{4}$	$\frac{923}{2784}$	$\frac{3}{8}$	Φ_{2784} Φ_{1392} Φ_{696} Φ_{348} Φ_{174} Φ_{96} Φ_{87} Φ_{48} Φ_{24} Φ_{12} Φ_{8} Φ_{6} Φ_{3} Φ_{1}
147646	1861	1872	$\frac{11}{1872}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	Φ_{1872} Φ_{936} Φ_{624} Φ_{468} Φ_{312} Φ_{234} Φ_{208} Φ_{156} Φ_{144} Φ_{117} Φ_{104} Φ_{78} Φ_{72} Φ_{52} Φ_{48} Φ_{39} Φ_{36} Φ_{26} Φ_{24} Φ_{18} Φ_{13} Φ_{12} Φ_{9} Φ_{8} Φ_{6} Φ_{3} Φ_{1}
147647	1861	2320	$\frac{5}{464}$	$\frac{459}{2320}$	$\frac{1}{4}$	$\frac{3}{8}$	Φ_{2320} Φ_{1160} Φ_{580} Φ_{290} Φ_{145} Φ_{80} Φ_{40} Φ_{20} Φ_{10} Φ_{8} Φ_{5} Φ_{1}
147648	1861	1888	$\frac{27}{1888}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	Φ_{1888} Φ_{944} Φ_{472} Φ_{236} Φ_{118} Φ_{59} Φ_{8} Φ_{1}
147649	1861	2088	$\frac{5}{232}$	$\frac{227}{2088}$	$\frac{1}{4}$	$\frac{3}{8}$	Φ_{2088} Φ_{1044} Φ_{696} Φ_{522} Φ_{348} Φ_{261} Φ_{174} Φ_{87} Φ_{72} Φ_{36} Φ_{24} Φ_{18} Φ_{12} Φ_{9} Φ_{8} Φ_{6} Φ_{3} Φ_{1}
147650	1861	1920	$\frac{59}{1920}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	Φ_{1920} Φ_{960} Φ_{640} Φ_{480} Φ_{384} Φ_{320} Φ_{240} Φ_{192} Φ_{160} Φ_{128} Φ_{120} Φ_{96} Φ_{80} Φ_{60} Φ_{48} Φ_{40} Φ_{30} Φ_{24} Φ_{20} Φ_{15} Φ_{12} Φ_{10} Φ_{8} Φ_{6} Φ_{5} Φ_{3} Φ_{1}
147651	1861	2976	$\frac{1}{124}$	$\frac{123}{496}$	$\frac{373}{1488}$	$\frac{1115}{2976}$	Φ_{2976} Φ_{992} Φ_{496} Φ_{248} Φ_{96} Φ_{32} Φ_{16} Φ_{8} Φ_{1}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
147652	1861	2880	$\frac{1}{60}$	$\frac{59}{480}$	$\frac{421}{1440}$	$\frac{1019}{2880}$	Φ_{2880} Φ_{960} Φ_{576} Φ_{480} Φ_{320} Φ_{240} Φ_{192} Φ_{160} Φ_{120} Φ_{96} Φ_{80} Φ_{64} Φ_{48} Φ_{40} Φ_{32} Φ_{24} Φ_{16} Φ_{8} Φ_{1}
147653	1861	1980	$\frac{1}{30}$	$\frac{119}{1980}$	$\frac{29}{90}$	$\frac{61}{180}$	Φ_{1980} Φ_{990} Φ_{660} Φ_{495} Φ_{396} Φ_{330} Φ_{220} Φ_{198} Φ_{165} Φ_{132} Φ_{110} Φ_{99} Φ_{90} Φ_{66} Φ_{55} Φ_{45} Φ_{44} Φ_{33} Φ_{22} Φ_{18} Φ_{11} Φ_{9} Φ_{1}
147654	1861	2808	$\frac{11}{468}$	$\frac{1}{12}$	$\frac{457}{1404}$	$\frac{947}{2808}$	Φ_{2808} Φ_{936} Φ_{468} Φ_{312} Φ_{234} Φ_{216} Φ_{156} Φ_{117} Φ_{104} Φ_{78} Φ_{72} Φ_{52} Φ_{39} Φ_{36} Φ_{26} Φ_{24} Φ_{18} Φ_{13} Φ_{9} Φ_{8} Φ_{1}
147655	1861	2232	$\frac{1}{93}$	$\frac{371}{2232}$	$\frac{92}{279}$	$\frac{187}{558}$	Φ_{2232} Φ_{1116} Φ_{744} Φ_{372} Φ_{279} Φ_{248} Φ_{124} Φ_{72} Φ_{36} Φ_{24} Φ_{12} Φ_{9} Φ_{8} Φ_{4} Φ_{1}
147656	1861	2781	$\frac{7}{927}$	$\frac{2}{9}$	$\frac{920}{2781}$	$\frac{1}{3}$	Φ_{2781} Φ_{27} Φ_{9} Φ_{1}
147657	1861	2754	$\frac{25}{918}$	$\frac{2}{27}$	$\frac{893}{2754}$	$\frac{1}{3}$	Φ_{2754} Φ_{1377} Φ_{162} Φ_{81} Φ_{27} Φ_{9} Φ_{1}
147658	1861	2691	$\frac{2}{69}$	$\frac{67}{897}$	$\frac{830}{2691}$	$\frac{1}{3}$	Φ_{2691} Φ_{207} Φ_{117} Φ_{69} Φ_{23} Φ_{9} Φ_{1}
147659	1861	2673	$\frac{2}{81}$	$\frac{79}{891}$	$\frac{812}{2673}$	$\frac{1}{3}$	Φ_{2673} Φ_{243} Φ_{81} Φ_{27} Φ_{9} Φ_{1}
147660	1861	2484	$\frac{2}{207}$	$\frac{205}{828}$	$\frac{623}{2484}$	$\frac{1}{3}$	Φ_{2484} Φ_{1242} Φ_{621} Φ_{207} Φ_{108} Φ_{69} Φ_{54} Φ_{27} Φ_{23} Φ_{9} Φ_{1}
147661	1861	1944	$\frac{83}{1944}$	$\frac{2}{27}$	$\frac{25}{108}$	$\frac{1}{3}$	Φ_{1944} Φ_{972} Φ_{648} Φ_{486} Φ_{324} Φ_{243} Φ_{216} Φ_{162} Φ_{81} Φ_{72} Φ_{27} Φ_{24} Φ_{9} Φ_{8} Φ_{1}
147662	1861	2295	$\frac{25}{459}$	$\frac{2}{27}$	$\frac{434}{2295}$	$\frac{1}{3}$	Φ_{2295} Φ_{765} Φ_{255} Φ_{135} Φ_{85} Φ_{45} Φ_{27} Φ_{15} Φ_{9} Φ_{5} Φ_{1}
147663	1861	2511	$\frac{1}{93}$	$\frac{187}{837}$	$\frac{650}{2511}$	$\frac{92}{279}$	Φ_{2511} Φ_{279} Φ_{81} Φ_{9} Φ_{1}
147664	1861	2700	$\frac{1}{30}$	$\frac{61}{900}$	$\frac{839}{2700}$	$\frac{29}{90}$	Φ_{2700} Φ_{1350} Φ_{675} Φ_{540} Φ_{270} Φ_{135} Φ_{108} Φ_{90} Φ_{54} Φ_{45} Φ_{27} Φ_{18} Φ_{9} Φ_{1}
147665	1861	2250	$\frac{1}{30}$	$\frac{61}{450}$	$\frac{389}{2250}$	$\frac{29}{90}$	Φ_{2250} Φ_{1125} Φ_{750} Φ_{375} Φ_{250} Φ_{125} Φ_{90} Φ_{45} Φ_{18} Φ_{9} Φ_{1}
147666	1861	2160	$\frac{1}{30}$	$\frac{299}{2160}$	$\frac{61}{360}$	$\frac{29}{90}$	Φ_{2160} Φ_{1080} Φ_{720} Φ_{540} Φ_{432} Φ_{270} Φ_{240} Φ_{216} Φ_{144} Φ_{135} Φ_{108} Φ_{90} Φ_{80} Φ_{54} Φ_{48} Φ_{45} Φ_{27} Φ_{18} Φ_{16} Φ_{9} Φ_{1}
147667	1861	2736	$\frac{37}{912}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{875}{2736}$	Φ_{2736} Φ_{1368} Φ_{684} Φ_{342} Φ_{171} Φ_{144} Φ_{72} Φ_{48} Φ_{36} Φ_{24} Φ_{18} Φ_{16} Φ_{9} Φ_{8} Φ_{1}
147668	1861	2700	$\frac{1}{15}$	$\frac{61}{900}$	$\frac{14}{75}$	$\frac{839}{2700}$	Φ_{2700} Φ_{1350} Φ_{675} Φ_{540} Φ_{270} Φ_{135} Φ_{108} Φ_{75} Φ_{54} Φ_{27} Φ_{25} Φ_{1}
147669	1861	2160	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{299}{2160}$	$\frac{133}{432}$	Φ_{2160} Φ_{1080} Φ_{720} Φ_{540} Φ_{360} Φ_{270} Φ_{240} Φ_{180} Φ_{144} Φ_{135} Φ_{120} Φ_{90} Φ_{80} Φ_{72} Φ_{60} Φ_{48} Φ_{45} Φ_{40} Φ_{36} Φ_{30} Φ_{24} Φ_{20} Φ_{18} Φ_{16} Φ_{15} Φ_{10} Φ_{9} Φ_{8} Φ_{5} Φ_{1}
147670	1861	2448	$\frac{25}{612}$	$\frac{1}{12}$	$\frac{587}{2448}$	$\frac{11}{36}$	Φ_{2448} Φ_{1224} Φ_{816} Φ_{408} Φ_{272} Φ_{144} Φ_{136} Φ_{72} Φ_{48} Φ_{36} Φ_{24} Φ_{18} Φ_{16} Φ_{9} Φ_{8} Φ_{1}
147671	1861	1944	$\frac{83}{1944}$	$\frac{1}{12}$	$\frac{25}{108}$	$\frac{11}{36}$	Φ_{1944} Φ_{972} Φ_{648} Φ_{486} Φ_{324} Φ_{243} Φ_{216} Φ_{162} Φ_{81} Φ_{72} Φ_{36} Φ_{24} Φ_{18} Φ_{9} Φ_{8} Φ_{1}
147672	1861	2430	$\frac{1}{30}$	$\frac{29}{270}$	$\frac{569}{2430}$	$\frac{241}{810}$	Φ_{2430} Φ_{1215} Φ_{486} Φ_{270} Φ_{243} Φ_{135} Φ_{90} Φ_{54} Φ_{45} Φ_{27} Φ_{18} Φ_{9} Φ_{1}
147673	1861	2640	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{880}$	$\frac{779}{2640}$	Φ_{2640} Φ_{1320} Φ_{660} Φ_{528} Φ_{330} Φ_{264} Φ_{240} Φ_{165} Φ_{132} Φ_{120} Φ_{110} Φ_{66} Φ_{60} Φ_{55} Φ_{48} Φ_{33} Φ_{30} Φ_{24} Φ_{22} Φ_{15} Φ_{12} Φ_{11} Φ_{6} Φ_{3} Φ_{1}
147674	1861	2592	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{133}{864}$	$\frac{731}{2592}$	Φ_{2592} Φ_{1296} Φ_{648} Φ_{324} Φ_{162} Φ_{144} Φ_{81} Φ_{72} Φ_{48} Φ_{36} Φ_{24} Φ_{18} Φ_{16} Φ_{9} Φ_{8} Φ_{1}
147675	1861	2025	$\frac{1}{15}$	$\frac{164}{2025}$	$\frac{14}{75}$	$\frac{61}{225}$	Φ_{2025} Φ_{675} Φ_{405} Φ_{135} Φ_{81} Φ_{75} Φ_{27} Φ_{25} Φ_{1}
147676	1861	2550	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{161}{850}$	$\frac{689}{2550}$	Φ_{2550} Φ_{1275} Φ_{510} Φ_{255} Φ_{170} Φ_{150} Φ_{102} Φ_{85} Φ_{75} Φ_{51} Φ_{34} Φ_{30} Φ_{17} Φ_{15} Φ_{6} Φ_{3} Φ_{1}
147677	1861	2520	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{181}{840}$	$\frac{659}{2520}$	Φ_{2520} Φ_{1260} Φ_{630} Φ_{504} Φ_{360} Φ_{315} Φ_{252} Φ_{210} Φ_{180} Φ_{126} Φ_{105} Φ_{90} Φ_{72} Φ_{70} Φ_{63} Φ_{45} Φ_{42} Φ_{36} Φ_{35} Φ_{21} Φ_{18} Φ_{14} Φ_{9} Φ_{7} Φ_{1}
147678	1861	2304	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{443}{2304}$	$\frac{133}{576}$	Φ_{2304} Φ_{1152} Φ_{768} Φ_{384} Φ_{256} Φ_{144} Φ_{128} Φ_{72} Φ_{48} Φ_{36} Φ_{24} Φ_{18} Φ_{16} Φ_{9} Φ_{8} Φ_{1}
147679	1861	2200	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{339}{2200}$	$\frac{101}{440}$	Φ_{2200} Φ_{1100} Φ_{550} Φ_{275} Φ_{200} Φ_{110} Φ_{100} Φ_{55} Φ_{50} Φ_{25} Φ_{22} Φ_{11} Φ_{1}
147680	1861	2400	$\frac{1}{15}$	$\frac{61}{600}$	$\frac{14}{75}$	$\frac{539}{2400}$	Φ_{2400} Φ_{1200} Φ_{800} Φ_{480} Φ_{400} Φ_{240} Φ_{160} Φ_{96} Φ_{80} Φ_{75} Φ_{48} Φ_{32} Φ_{25} Φ_{16} Φ_{1}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
147681	1861	2100	$\frac{1}{15}$	$\frac{239}{2100}$	$\frac{14}{75}$	$\frac{61}{300}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{75}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
147682	1861	2250	$\frac{1}{15}$	$\frac{61}{450}$	$\frac{389}{2250}$	$\frac{14}{75}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{750}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{75}\ \Phi_{25}\ \Phi_{1}$
147683	1861	2160	$\frac{1}{12}$	$\frac{299}{2160}$	$\frac{11}{72}$	$\frac{61}{360}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
147684	1862	5568	$\frac{3}{928}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{925}{1856}$	$\Phi_{5568}\ \Phi_{192}\ \Phi_{12}\ \Phi_{6}$
147685	1862	3180	$\frac{1}{265}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{132}{265}$	$\Phi_{3180}\ \Phi_{1060}\ \Phi_{636}\ \Phi_{265}\ \Phi_{212}\ \Phi_{60}\ \Phi_{53}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
147686	1862	2385	$\frac{1}{265}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{132}{265}$	$\Phi_{2385}\ \Phi_{477}\ \Phi_{265}\ \Phi_{53}\ \Phi_{45}\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{1}^2$
147687	1862	3432	$\frac{1}{132}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{131}{264}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{264}^2\ \Phi_{104}\ \Phi_{88}^2\ \Phi_{24}^2\ \Phi_{13}\ \Phi_{8}^2\ \Phi_{1}^2$
147688	1862	264	$\frac{1}{132}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{131}{264}$	$\Phi_{264}^6\ \Phi_{132}^8\ \Phi_{88}^6\ \Phi_{66}^8\ \Phi_{44}^8\ \Phi_{33}^8\ \Phi_{24}^7\ \Phi_{22}^8\ \Phi_{12}^9\ \Phi_{11}^8\ \Phi_{8}^6\ \Phi_{6}^9\ \Phi_{4}^8\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^8$
147689	1862	3492	$\frac{1}{97}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{48}{97}$	$\Phi_{3492}\ \Phi_{1164}\ \Phi_{388}\ \Phi_{97}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
147690	1862	2037	$\frac{1}{97}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{48}{97}$	$\Phi_{2037}\ \Phi_{679}\ \Phi_{97}\ \Phi_{21}^2\ \Phi_{7}^2\ \Phi_{1}^2$
147691	1862	2619	$\frac{1}{97}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{48}{97}$	$\Phi_{2619}\ \Phi_{97}\ \Phi_{27}^2\ \Phi_{1}^2$
147692	1862	2328	$\frac{1}{97}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{48}{97}$	$\Phi_{2328}\ \Phi_{1164}\ \Phi_{776}\ \Phi_{388}\ \Phi_{97}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{1}^2$
147693	1862	712	$\frac{1}{89}$	$\frac{1}{8}$	$\frac{45}{178}$	$\frac{44}{89}$	$\Phi_{712}^3\ \Phi_{356}^3\ \Phi_{178}\ \Phi_{89}^2\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{1}^2$
147694	1862	3552	$\frac{1}{48}$	$\frac{1}{37}$	$\frac{18}{37}$	$\frac{47}{96}$	$\Phi_{3552}\ \Phi_{1184}\ \Phi_{96}^2\ \Phi_{37}\ \Phi_{32}^2\ \Phi_{1}^2$
147695	1862	480	$\frac{1}{48}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{480}^8\ \Phi_{160}^8\ \Phi_{96}^6\ \Phi_{60}\ \Phi_{32}^6\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
147696	1862	1887	$\frac{1}{37}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{1887}\ \Phi_{629}\ \Phi_{51}^2\ \Phi_{37}\ \Phi_{17}^2\ \Phi_{1}^2$
147697	1862	2664	$\frac{1}{37}$	$\frac{1}{24}$	$\frac{23}{72}$	$\frac{18}{37}$	$\Phi_{2664}\ \Phi_{1332}\ \Phi_{666}\ \Phi_{333}\ \Phi_{72}^2\ \Phi_{37}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{1}^2$
147698	1862	1924	$\frac{1}{37}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{18}{37}$	$\Phi_{1924}\ \Phi_{962}\ \Phi_{481}\ \Phi_{52}^2\ \Phi_{37}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{1}^2$
147699	1862	2368	$\frac{1}{37}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{18}{37}$	$\Phi_{2368}\ \Phi_{1184}\ \Phi_{64}^2\ \Phi_{37}\ \Phi_{32}^2\ \Phi_{1}^2$
147700	1862	2220	$\frac{1}{37}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{18}{37}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{740}\ \Phi_{555}\ \Phi_{370}\ \Phi_{185}\ \Phi_{60}^2\ \Phi_{37}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{1}^2$
147701	1862	1998	$\frac{1}{37}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{18}{37}$	$\Phi_{1998}\ \Phi_{999}\ \Phi_{666}\ \Phi_{333}\ \Phi_{54}^2\ \Phi_{37}\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{1}^2$
147702	1862	296	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{18}{37}$	$\Phi_{296}^6\ \Phi_{148}^6\ \Phi_{74}^6\ \Phi_{37}^7\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
147703	1862	660	$\frac{1}{33}$	$\frac{1}{20}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{110}^3\ \Phi_{66}\ \Phi_{60}^3\ \Phi_{55}^3\ \Phi_{44}^3\ \Phi_{33}^2\ \Phi_{30}^3\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_{6}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
147704	1862	1861	$\frac{85}{1861}$	$\frac{139}{1861}$	$\frac{246}{1861}$	$\frac{888}{1861}$	$\Phi_{1861}\ \Phi_{1}^2$
147705	1862	2136	$\frac{13}{267}$	$\frac{20}{267}$	$\frac{1}{8}$	$\frac{127}{267}$	$\Phi_{2136}\ \Phi_{1068}\ \Phi_{712}\ \Phi_{534}\ \Phi_{356}\ \Phi_{178}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
147706	1862	900	$\frac{1}{50}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{900}^4\ \Phi_{300}^4\ \Phi_{180}^4\ \Phi_{150}\ \Phi_{100}^4\ \Phi_{75}\ \Phi_{60}^4\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}^2$
147707	1862	3492	$\frac{1}{18}$	$\frac{6}{97}$	$\frac{13}{97}$	$\frac{17}{36}$	$\Phi_{3492}\ \Phi_{1164}\ \Phi_{388}\ \Phi_{97}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
147708	1862	360	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{17}{36}$	$\Phi_{360}^6\ \Phi_{180}^3\ \Phi_{120}^7\ \Phi_{90}^6\ \Phi_{72}^4\ \Phi_{60}^4\ \Phi_{45}^6\ \Phi_{40}^7\ \Phi_{36}^2\ \Phi_{30}^7\ \Phi_{24}^5\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^6\ \Phi_{12}^3\ \Phi_{10}^7\ \Phi_{9}^4\ \Phi_{8}^4\ \Phi_{6}^5\ \Phi_{5}^6\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
147709	1862	1755	$\frac{2}{135}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}^2\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{1}^2$
147710	1862	2574	$\frac{1}{66}$	$\frac{1}{13}$	$\frac{65}{198}$	$\frac{6}{13}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{234}\ \Phi_{198}^2\ \Phi_{117}\ \Phi_{99}^2\ \Phi_{18}^2\ \Phi_{13}\ \Phi_{9}^2\ \Phi_{1}^2$
147711	1862	650	$\frac{1}{50}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{650}^3\ \Phi_{325}^3\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{50}^2\ \Phi_{26}\ \Phi_{25}^2\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{1}^2$
147712	1862	1768	$\frac{3}{136}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{1768}\ \Phi_{884}\ \Phi_{442}\ \Phi_{221}\ \Phi_{136}^2\ \Phi_{104}\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{13}\ \Phi_{8}^2\ \Phi_{1}^2$
147713	1862	2288	$\frac{1}{44}$	$\frac{1}{13}$	$\frac{43}{176}$	$\frac{6}{13}$	$\Phi_{2288}\ \Phi_{1144}\ \Phi_{208}\ \Phi_{176}^2\ \Phi_{104}\ \Phi_{88}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{8}^2\ \Phi_{1}^2$
147714	1862	2145	$\frac{1}{33}$	$\frac{1}{13}$	$\frac{32}{165}$	$\frac{6}{13}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{195}\ \Phi_{165}^2\ \Phi_{65}\ \Phi_{55}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{5}^2\ \Phi_{1}^2$
147715	1862	1794	$\frac{5}{138}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{1794}\ \Phi_{897}\ \Phi_{598}\ \Phi_{299}\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{13}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
147716	1862	286	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{3}{22}$	$\frac{6}{13}$	$\Phi_{286}^{6}\ \Phi_{143}^{6}\ \Phi_{26}^{6}\ \Phi_{22}^{12}\ \Phi_{13}^{7}\ \Phi_{11}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
147717	1862	520	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{6}{13}$	$\Phi_{520}^{4}\ \Phi_{260}^{3}\ \Phi_{130}^{3}\ \Phi_{104}^{3}\ \Phi_{65}^{3}\ \Phi_{52}^{2}\ \Phi_{40}^{8}\ \Phi_{26}^{2}\ \Phi_{20}^{6}\ \Phi_{13}^{3}\ \Phi_{10}^{6}\ \Phi_{8}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
147718	1862	143	$\frac{10}{143}$	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{6}{13}$	$\Phi_{143}^{13}\ \Phi_{13}^{14}\ \Phi_{11}^{12}\ \Phi_{1}^{14}$
147719	1862	1872	$\frac{11}{144}$	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{6}{13}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{144}^{2}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{13}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
147720	1862	1170	$\frac{1}{39}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{1170}^{3}\ \Phi_{390}^{3}\ \Phi_{234}^{3}\ \Phi_{195}\ \Phi_{130}^{3}\ \Phi_{90}^{2}\ \Phi_{78}^{3}\ \Phi_{65}\ \Phi_{30}^{2}\ \Phi_{26}^{3}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
147721	1862	180	$\frac{1}{20}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{90}$	$\Phi_{180}^{11}\ \Phi_{90}^{9}\ \Phi_{60}^{11}\ \Phi_{45}^{11}\ \Phi_{36}^{11}\ \Phi_{30}^{9}\ \Phi_{20}^{10}\ \Phi_{18}^{9}\ \Phi_{15}^{11}\ \Phi_{12}^{11}\ \Phi_{10}^{8}\ \Phi_{9}^{10}\ \Phi_{6}^{9}\ \Phi_{5}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
147722	1862	220	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{5}{11}$	$\Phi_{220}^{9}\ \Phi_{110}^{9}\ \Phi_{55}^{7}\ \Phi_{44}^{9}\ \Phi_{22}^{9}\ \Phi_{20}^{8}\ \Phi_{11}^{8}\ \Phi_{10}^{8}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
147723	1862	780	$\frac{1}{39}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{780}^{2}\ \Phi_{390}^{3}\ \Phi_{260}^{2}\ \Phi_{195}^{3}\ \Phi_{156}^{2}\ \Phi_{130}^{3}\ \Phi_{78}^{3}\ \Phi_{65}^{3}\ \Phi_{60}\ \Phi_{52}^{2}\ \Phi_{39}^{2}\ \Phi_{30}^{2}\ \Phi_{26}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{13}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
147724	1862	540	$\frac{1}{20}$	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{540}^{4}\ \Phi_{270}^{4}\ \Phi_{180}^{3}\ \Phi_{135}^{4}\ \Phi_{108}^{4}\ \Phi_{90}^{3}\ \Phi_{60}^{3}\ \Phi_{54}^{2}\ \Phi_{45}^{3}\ \Phi_{36}^{3}\ \Phi_{30}^{3}\ \Phi_{27}^{2}\ \Phi_{20}^{2}\ \Phi_{18}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
147725	1862	440	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{88}$	$\Phi_{440}^{8}\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}^{6}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}^{8}\ \Phi_{22}\ \Phi_{8}^{6}$
147726	1862	1861	$\frac{55}{1861}$	$\frac{229}{1861}$	$\frac{258}{1861}$	$\frac{816}{1861}$	$\Phi_{1861}\ \Phi_{1}^{2}$
147727	1862	1980	$\frac{1}{20}$	$\frac{8}{99}$	$\frac{13}{99}$	$\frac{43}{99}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{90}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{30}\ \Phi_{22}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
147728	1862	1861	$\frac{90}{1861}$	$\frac{151}{1861}$	$\frac{253}{1861}$	$\frac{804}{1861}$	$\Phi_{1861}\ \Phi_{1}^{2}$
147729	1862	2136	$\frac{8}{267}$	$\frac{1}{8}$	$\frac{37}{267}$	$\frac{115}{267}$	$\Phi_{2136}\ \Phi_{1068}\ \Phi_{712}\ \Phi_{534}\ \Phi_{356}\ \Phi_{178}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
147730	1862	804	$\frac{1}{134}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{804}^{4}\ \Phi_{402}\ \Phi_{268}^{4}\ \Phi_{201}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}^{2}$
147731	1862	540	$\frac{2}{135}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{540}^{6}\ \Phi_{180}^{6}\ \Phi_{135}^{2}\ \Phi_{108}^{6}\ \Phi_{60}^{5}\ \Phi_{45}^{2}\ \Phi_{36}^{6}\ \Phi_{27}^{2}\ \Phi_{20}^{5}\ \Phi_{15}^{2}\ \Phi_{12}^{6}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
147732	1862	636	$\frac{1}{53}$	$\frac{26}{159}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{636}^{5}\ \Phi_{212}^{5}\ \Phi_{159}^{2}\ \Phi_{53}\ \Phi_{12}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
147733	1862	3180	$\frac{6}{265}$	$\frac{37}{265}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3180}\ \Phi_{1060}\ \Phi_{636}\ \Phi_{265}\ \Phi_{212}\ \Phi_{60}\ \Phi_{53}\ \Phi_{20}\ \Phi_{12}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
147734	1862	312	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{312}^{7}\ \Phi_{156}^{4}\ \Phi_{104}^{7}\ \Phi_{78}^{7}\ \Phi_{52}^{4}\ \Phi_{39}^{6}\ \Phi_{26}^{7}\ \Phi_{24}^{5}\ \Phi_{13}^{6}\ \Phi_{12}^{3}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
147735	1862	3180	$\frac{13}{265}$	$\frac{18}{265}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3180}\ \Phi_{1060}\ \Phi_{636}\ \Phi_{265}\ \Phi_{212}\ \Phi_{60}\ \Phi_{53}\ \Phi_{20}\ \Phi_{12}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
147736	1862	60	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{60}^{30}\ \Phi_{30}^{33}\ \Phi_{20}^{29}\ \Phi_{15}^{32}\ \Phi_{12}^{31}\ \Phi_{10}^{32}\ \Phi_{6}^{33}\ \Phi_{5}^{31}\ \Phi_{4}^{30}\ \Phi_{3}^{32}\ \Phi_{2}^{32}\ \Phi_{1}^{32}$
147737	1862	3168	$\frac{1}{99}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{396}\ \Phi_{352}\ \Phi_{288}\ \Phi_{198}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
147738	1862	670	$\frac{1}{134}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{670}^{3}\ \Phi_{335}^{3}\ \Phi_{134}^{2}\ \Phi_{67}^{2}\ \Phi_{10}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
147739	1862	3120	$\frac{1}{39}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{390}\ \Phi_{240}\ \Phi_{208}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{48}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{6}$
147740	1862	936	$\frac{5}{936}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{936}^{2}\ \Phi_{468}^{2}\ \Phi_{312}^{2}\ \Phi_{234}^{2}\ \Phi_{156}^{2}\ \Phi_{117}^{2}\ \Phi_{104}^{2}\ \Phi_{78}^{2}\ \Phi_{72}^{2}\ \Phi_{52}^{2}\ \Phi_{39}^{2}\ \Phi_{36}^{2}\ \Phi_{26}^{2}\ \Phi_{24}\ \Phi_{18}^{2}\ \Phi_{13}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
147741	1862	792	$\frac{1}{99}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}^{2}\ \Phi_{396}^{3}\ \Phi_{264}^{2}\ \Phi_{198}^{3}\ \Phi_{132}^{3}\ \Phi_{99}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{2}\ \Phi_{66}^{3}\ \Phi_{44}^{3}\ \Phi_{36}^{3}\ \Phi_{33}^{2}\ \Phi_{24}\ \Phi_{22}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
147742	1862	990	$\frac{1}{99}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{990}^{3}\ \Phi_{495}\ \Phi_{330}^{3}\ \Phi_{198}^{3}\ \Phi_{165}\ \Phi_{110}^{3}\ \Phi_{90}^{3}\ \Phi_{66}^{3}\ \Phi_{55}\ \Phi_{45}\ \Phi_{30}^{2}\ \Phi_{22}^{3}\ \Phi_{18}^{3}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
147743	1862	1398	$\frac{1}{233}$	$\frac{232}{699}$	$\frac{1}{3}$	$\frac{467}{1398}$	$\Phi_{1398}^{2}\ \Phi_{699}\ \Phi_{466}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
147744	1862	1206	$\frac{1}{134}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1206}^{2}\ \Phi_{603}^{2}\ \Phi_{402}\ \Phi_{201}\ \Phi_{18}^{2}\ \Phi_{6}$
147745	1862	1080	$\frac{2}{135}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{270}^{2}\ \Phi_{216}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{108}^{2}\ \Phi_{90}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{54}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{6}$
147746	1862	1050	$\frac{1}{50}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1050}^{2}\ \Phi_{525}^{2}\ \Phi_{350}^{2}\ \Phi_{210}^{2}\ \Phi_{175}^{2}\ \Phi_{150}\ \Phi_{105}^{2}\ \Phi_{75}\ \Phi_{70}^{2}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
147747	1862	1020	$\frac{2}{51}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{204}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{60}\ \Phi_{34}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
147748	1862	1392	$\frac{3}{464}$	$\frac{1}{4}$	$\frac{461}{1392}$	$\frac{1}{3}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}^2\ \Phi_{348}\ \Phi_{232}^2\ \Phi_{174}\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{48}\ \Phi_{29}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
147749	1862	792	$\frac{1}{66}$	$\frac{1}{8}$	$\frac{65}{198}$	$\frac{1}{3}$	$\Phi_{792}^4\ \Phi_{396}^4\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{72}^4\ \Phi_{36}^4\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
147750	1862	360	$\frac{1}{24}$	$\frac{1}{20}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{360}^8\ \Phi_{180}^8\ \Phi_{90}^8\ \Phi_{72}^6\ \Phi_{60}\ \Phi_{45}^8\ \Phi_{36}^6\ \Phi_{30}\ \Phi_{18}^6\ \Phi_{15}\ \Phi_{12}\ \Phi_9^6\ \Phi_6$
147751	1862	1350	$\frac{1}{50}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{1350}^2\ \Phi_{675}^2\ \Phi_{270}^2\ \Phi_{150}\ \Phi_{135}^2\ \Phi_{75}\ \Phi_{54}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
147752	1862	3480	$\frac{3}{232}$	$\frac{229}{1160}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3480}\ \Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
147753	1862	2832	$\frac{13}{944}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2832}\ \Phi_{1416}\ \Phi_{708}\ \Phi_{354}\ \Phi_{177}\ \Phi_{12}\ \Phi_6$
147754	1862	408	$\frac{3}{136}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{408}^7\ \Phi_{204}^7\ \Phi_{102}^7\ \Phi_{51}^7\ \Phi_{24}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
147755	1862	1044	$\frac{3}{116}$	$\frac{113}{1044}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{348}\ \Phi_{261}^2\ \Phi_{174}\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{36}^2\ \Phi_{29}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
147756	1862	960	$\frac{29}{960}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
147757	1862	780	$\frac{1}{20}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^4\ \Phi_{390}^4\ \Phi_{195}^4\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{60}\ \Phi_{39}^3\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
147758	1862	528	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{43}{176}$	$\frac{1}{3}$	$\Phi_{528}^7\ \Phi_{264}^3\ \Phi_{132}^4\ \Phi_{66}^4\ \Phi_{48}^7\ \Phi_{33}^4\ \Phi_{24}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
147759	1862	960	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{960}^4\ \Phi_{480}^4\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
147760	1862	135	$\frac{2}{135}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{135}^{14}\ \Phi_{45}^{13}\ \Phi_{27}^{14}\ \Phi_{15}^{14}\ \Phi_9^{14}\ \Phi_5^{13}\ \Phi_3^{14}\ \Phi_1^{14}$
147761	1862	477	$\frac{1}{53}$	$\frac{26}{159}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{477}^5\ \Phi_{159}^2\ \Phi_{53}\ \Phi_9^6\ \Phi_3^2\ \Phi_1^2$
147762	1862	450	$\frac{1}{50}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^5\ \Phi_{90}^4\ \Phi_{75}^5\ \Phi_{50}^4\ \Phi_{45}^3\ \Phi_{30}^5\ \Phi_{25}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^5\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
147763	1862	2385	$\frac{6}{265}$	$\frac{37}{265}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2385}\ \Phi_{477}\ \Phi_{265}\ \Phi_{53}\ \Phi_{45}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
147764	1862	936	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{936}^3\ \Phi_{468}^3\ \Phi_{312}\ \Phi_{234}^3\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}^2\ \Phi_{52}\ \Phi_{36}^2\ \Phi_{26}\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
147765	1862	2385	$\frac{13}{265}$	$\frac{18}{265}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2385}\ \Phi_{477}\ \Phi_{265}\ \Phi_{53}\ \Phi_{45}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
147766	1862	180	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^{14}\ \Phi_{90}^{14}\ \Phi_{60}^5\ \Phi_{45}^{11}\ \Phi_{36}^{14}\ \Phi_{30}^5\ \Phi_{20}^4\ \Phi_{18}^{14}\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_9^{12}\ \Phi_6^5\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
147767	1862	600	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{200}^4\ \Phi_{150}\ \Phi_{120}^4\ \Phi_{100}^4\ \Phi_{75}\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2$
147768	1862	1320	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{32}{165}$	$\frac{1}{3}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{440}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{120}^2\ \Phi_{110}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
147769	1862	60	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{60}^{31}\ \Phi_{30}^{31}\ \Phi_{20}^{30}\ \Phi_{15}^{31}\ \Phi_{12}^{33}\ \Phi_{10}^{30}\ \Phi_6^{33}\ \Phi_5^{30}\ \Phi_4^{32}\ \Phi_3^{32}\ \Phi_2^{32}\ \Phi_1^{32}$
147770	1862	552	$\frac{5}{138}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{552}^4\ \Phi_{276}^4\ \Phi_{184}^4\ \Phi_{138}^2\ \Phi_{92}^4\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{24}\ \Phi_{23}^2\ \Phi_{12}\ \Phi_6$
147771	1862	540	$\frac{1}{20}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
147772	1862	264	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{3}{22}$	$\frac{1}{3}$	$\Phi_{264}^{12}\ \Phi_{132}^{12}\ \Phi_{66}^6\ \Phi_{33}^6\ \Phi_{24}^{13}\ \Phi_{12}^{13}\ \Phi_6^7\ \Phi_3^6$
147773	1862	2796	$\frac{43}{932}$	$\frac{115}{932}$	$\frac{127}{932}$	$\frac{1}{3}$	$\Phi_{2796}\ \Phi_{1398}\ \Phi_{699}\ \Phi_{12}\ \Phi_6$
147774	1862	2037	$\frac{6}{97}$	$\frac{2}{21}$	$\frac{13}{97}$	$\frac{1}{3}$	$\Phi_{2037}\ \Phi_{679}\ \Phi_{97}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
147775	1862	120	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{120}^{24}\ \Phi_{60}^{25}\ \Phi_{30}^{25}\ \Phi_{24}^{18}\ \Phi_{15}^{25}\ \Phi_{12}^{19}\ \Phi_6^{19}\ \Phi_3^{18}$
147776	1862	2376	$\frac{2}{33}$	$\frac{31}{297}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{594}\ \Phi_{396}\ \Phi_{216}\ \Phi_{198}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
147777	1862	840	$\frac{1}{15}$	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{280}^3\ \Phi_{210}^3\ \Phi_{168}^2\ \Phi_{140}^3\ \Phi_{120}\ \Phi_{84}^2\ \Phi_{70}^3\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{20}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
147778	1862	3432	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{3432}\ \Phi_{1716}\ \Phi_{858}\ \Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
147779	1862	144	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{144}^{14}\ \Phi_{72}^{14}\ \Phi_{48}^{14}\ \Phi_{36}^{14}\ \Phi_{24}^{7}\ \Phi_{18}^{14}\ \Phi_{16}^{14}\ \Phi_{12}^{9}\ \Phi_{9}^{14}\ \Phi_{8}^{6}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
147780	1862	2619	$\frac{6}{97}$	$\frac{1}{9}$	$\frac{13}{97}$	$\frac{8}{27}$	$\Phi_{2619}\ \Phi_{97}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$
147781	1862	1080	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{27}$	$\Phi_{1080}^{3}\ \Phi_{540}^{3}\ \Phi_{270}^{3}\ \Phi_{216}^{2}\ \Phi_{120}\ \Phi_{108}^{2}\ \Phi_{60}\ \Phi_{54}^{2}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
147782	1862	540	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{135}$	$\Phi_{540}^{5}\ \Phi_{270}^{5}\ \Phi_{180}\ \Phi_{135}^{4}\ \Phi_{108}^{5}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}^{5}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}^{4}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
147783	1862	780	$\frac{1}{39}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{780}^{3}\ \Phi_{390}^{3}\ \Phi_{260}^{3}\ \Phi_{195}\ \Phi_{156}^{3}\ \Phi_{130}^{3}\ \Phi_{78}^{3}\ \Phi_{65}\ \Phi_{60}^{2}\ \Phi_{52}^{3}\ \Phi_{30}^{2}\ \Phi_{26}^{3}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
147784	1862	660	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{660}^{4}\ \Phi_{330}^{4}\ \Phi_{220}\ \Phi_{165}^{4}\ \Phi_{132}^{4}\ \Phi_{110}\ \Phi_{66}^{2}\ \Phi_{60}^{4}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}^{2}\ \Phi_{30}^{4}\ \Phi_{22}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
147785	1862	2328	$\frac{6}{97}$	$\frac{13}{97}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{2328}\ \Phi_{1164}\ \Phi_{776}\ \Phi_{388}\ \Phi_{97}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
147786	1862	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{120}^{16}\ \Phi_{60}^{16}\ \Phi_{40}^{16}\ \Phi_{30}^{19}\ \Phi_{24}^{11}\ \Phi_{20}^{16}\ \Phi_{15}^{18}\ \Phi_{12}^{11}\ \Phi_{10}^{19}\ \Phi_{8}^{10}\ \Phi_{6}^{13}\ \Phi_{5}^{18}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
147787	1863	1064	$\frac{1}{266}$	$\frac{89}{532}$	$\frac{443}{1064}$	$\frac{265}{532}$	$\Phi_{1064}^{3}\ \Phi_{532}\ \Phi_{152}^{3}\ \Phi_{76}\ \Phi_{56}^{3}\ \Phi_{28}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
147788	1863	1648	$\frac{1}{206}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{205}{412}$	$\Phi_{1648}^{2}\ \Phi_{412}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
147789	1863	412	$\frac{1}{206}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{205}{412}$	$\Phi_{412}^{5}\ \Phi_{206}^{4}\ \Phi_{103}^{4}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
147790	1863	1232	$\frac{5}{616}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{611}{1232}$	$\Phi_{1232}^{3}\ \Phi_{176}^{3}\ \Phi_{112}^{3}\ \Phi_{28}\ \Phi_{16}^{3}\ \Phi_{4}\ \Phi_{1}$
147791	1863	1232	$\frac{5}{616}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{611}{1232}$	$\Phi_{1232}^{3}\ \Phi_{176}^{3}\ \Phi_{112}^{3}\ \Phi_{16}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
147792	1863	2492	$\frac{6}{623}$	$\frac{1}{7}$	$\frac{629}{2492}$	$\frac{617}{1246}$	$\Phi_{2492}\ \Phi_{623}\ \Phi_{356}\ \Phi_{89}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
147793	1863	392	$\frac{1}{98}$	$\frac{11}{196}$	$\frac{185}{392}$	$\frac{97}{196}$	$\Phi_{392}^{9}\ \Phi_{196}\ \Phi_{56}^{9}\ \Phi_{28}\ \Phi_{8}^{9}\ \Phi_{4}\ \Phi_{1}$
147794	1863	784	$\frac{1}{98}$	$\frac{33}{196}$	$\frac{163}{784}$	$\frac{97}{196}$	$\Phi_{784}^{3}\ \Phi_{392}^{3}\ \Phi_{196}\ \Phi_{112}^{3}\ \Phi_{56}^{3}\ \Phi_{28}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
147795	1863	1760	$\frac{1}{80}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{79}{160}$	$\Phi_{1760}^{2}\ \Phi_{352}^{2}\ \Phi_{160}^{3}\ \Phi_{44}\ \Phi_{32}^{3}\ \Phi_{4}\ \Phi_{1}$
147796	1863	5280	$\frac{1}{80}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{79}{160}$	$\Phi_{5280}\ \Phi_{1056}\ \Phi_{480}\ \Phi_{160}\ \Phi_{96}\ \Phi_{33}\ \Phi_{32}\ \Phi_{3}\ \Phi_{1}$
147797	1863	1768	$\frac{1}{68}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{67}{136}$	$\Phi_{1768}^{2}\ \Phi_{136}^{3}\ \Phi_{104}^{2}\ \Phi_{52}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
147798	1863	1768	$\frac{1}{68}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{67}{136}$	$\Phi_{1768}^{2}\ \Phi_{136}^{3}\ \Phi_{104}^{2}\ \Phi_{13}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
147799	1863	680	$\frac{1}{68}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{67}{136}$	$\Phi_{680}^{6}\ \Phi_{136}^{3}\ \Phi_{40}^{6}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
147800	1863	1216	$\frac{13}{608}$	$\frac{1}{38}$	$\frac{37}{76}$	$\frac{595}{1216}$	$\Phi_{1216}^{3}\ \Phi_{76}\ \Phi_{64}^{3}\ \Phi_{4}\ \Phi_{1}$
147801	1863	1216	$\frac{13}{608}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{595}{1216}$	$\Phi_{1216}^{3}\ \Phi_{64}^{3}\ \Phi_{19}^{2}\ \Phi_{1}^{3}$
147802	1863	304	$\frac{1}{38}$	$\frac{13}{304}$	$\frac{97}{304}$	$\frac{37}{76}$	$\Phi_{304}^{6}\ \Phi_{152}^{6}\ \Phi_{76}^{7}\ \Phi_{38}^{6}\ \Phi_{19}^{6}\ \Phi_{16}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
147803	1863	1976	$\frac{1}{38}$	$\frac{113}{1976}$	$\frac{39}{152}$	$\frac{37}{76}$	$\Phi_{1976}\ \Phi_{988}\ \Phi_{494}\ \Phi_{247}\ \Phi_{104}\ \Phi_{76}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
147804	1863	2432	$\frac{1}{38}$	$\frac{39}{608}$	$\frac{569}{2432}$	$\frac{37}{76}$	$\Phi_{2432}\ \Phi_{1216}\ \Phi_{128}\ \Phi_{76}\ \Phi_{64}\ \Phi_{4}\ \Phi_{1}$
147805	1863	760	$\frac{1}{38}$	$\frac{13}{152}$	$\frac{139}{760}$	$\frac{37}{76}$	$\Phi_{760}^{3}\ \Phi_{380}^{3}\ \Phi_{190}^{3}\ \Phi_{95}^{3}\ \Phi_{76}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
147806	1863	76	$\frac{1}{38}$	$\frac{7}{76}$	$\frac{13}{76}$	$\frac{37}{76}$	$\Phi_{76}^{25}\ \Phi_{38}^{24}\ \Phi_{19}^{24}\ \Phi_{4}^{25}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
147807	1863	2128	$\frac{1}{38}$	$\frac{265}{2128}$	$\frac{39}{304}$	$\frac{37}{76}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{133}\ \Phi_{112}\ \Phi_{76}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
147808	1863	836	$\frac{6}{209}$	$\frac{1}{19}$	$\frac{215}{836}$	$\frac{203}{418}$	$\Phi_{836}^{3}\ \Phi_{209}^{3}\ \Phi_{76}^{3}\ \Phi_{44}^{3}\ \Phi_{19}^{2}\ \Phi_{11}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
147809	1863	400	$\frac{7}{200}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{193}{400}$	$\Phi_{400}^{9}\ \Phi_{80}^{9}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{9}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
147810	1863	884	$\frac{1}{34}$	$\frac{1}{26}$	$\frac{11}{34}$	$\frac{25}{52}$	$\Phi_{884}^{4}\ \Phi_{68}^{4}\ \Phi_{52}^{5}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
147811	1863	312	$\frac{1}{26}$	$\frac{1}{24}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{312}^{6}\ \Phi_{156}^{6}\ \Phi_{104}^{6}\ \Phi_{78}^{6}\ \Phi_{52}^{5}\ \Phi_{39}^{6}\ \Phi_{26}^{4}\ \Phi_{24}^{9}\ \Phi_{13}^{4}\ \Phi_{12}^{9}\ \Phi_{8}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{7}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
147812	1863	4420	$\frac{1}{26}$	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{25}{52}$	$\Phi_{4420}\ \Phi_{340}\ \Phi_{260}\ \Phi_{85}\ \Phi_{52}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
147813	1863	440	$\frac{1}{40}$	$\frac{1}{22}$	$\frac{13}{40}$	$\frac{21}{44}$	$\Phi_{440}^{4}\ \Phi_{220}^{4}\ \Phi_{110}^{4}\ \Phi_{88}^{4}\ \Phi_{55}^{4}\ \Phi_{44}^{5}\ \Phi_{40}^{6}\ \Phi_{22}^{4}\ \Phi_{20}^{6}\ \Phi_{11}^{4}\ \Phi_{10}^{6}\ \Phi_{8}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
147814	1863	308	$\frac{1}{28}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{308}^{6}\,\Phi_{154}^{6}\,\Phi_{77}^{6}\,\Phi_{44}^{5}\,\Phi_{28}^{9}\,\Phi_{22}^{4}\,\Phi_{14}^{9}\,\Phi_{11}^{4}\,\Phi_{7}^{9}\,\Phi_{4}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
147815	1863	3740	$\frac{1}{22}$	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{3740}\,\Phi_{748}\,\Phi_{340}\,\Phi_{85}\,\Phi_{68}\,\Phi_{44}\,\Phi_{17}\,\Phi_{4}\,\Phi_{1}$
147816	1863	1100	$\frac{1}{22}$	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{21}{44}$	$\Phi_{1100}^{2}\,\Phi_{550}^{2}\,\Phi_{275}^{2}\,\Phi_{100}^{3}\,\Phi_{50}^{3}\,\Phi_{44}\,\Phi_{25}^{3}\,\Phi_{4}\,\Phi_{1}$
147817	1863	352	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{21}{44}$	$\Phi_{352}^{6}\,\Phi_{176}^{4}\,\Phi_{88}^{4}\,\Phi_{44}^{5}\,\Phi_{32}^{9}\,\Phi_{22}^{4}\,\Phi_{16}^{6}\,\Phi_{11}^{4}\,\Phi_{8}^{6}\,\Phi_{4}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
147818	1863	88	$\frac{1}{22}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{21}{44}$	$\Phi_{88}^{21}\,\Phi_{44}^{22}\,\Phi_{22}^{21}\,\Phi_{11}^{21}\,\Phi_{8}^{20}\,\Phi_{4}^{21}\,\Phi_{2}^{20}\,\Phi_{1}^{21}$
147819	1863	220	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{21}{44}$	$\Phi_{220}^{16}\,\Phi_{44}^{17}\,\Phi_{20}^{16}\,\Phi_{10}^{8}\,\Phi_{5}^{8}\,\Phi_{4}^{17}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
147820	1863	392	$\frac{1}{49}$	$\frac{11}{196}$	$\frac{16}{49}$	$\frac{185}{392}$	$\Phi_{392}^{9}\,\Phi_{56}^{9}\,\Phi_{49}^{2}\,\Phi_{8}^{9}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
147821	1863	392	$\frac{11}{196}$	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{185}{392}$	$\Phi_{392}^{9}\,\Phi_{56}^{9}\,\Phi_{49}^{2}\,\Phi_{8}^{9}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
147822	1863	1820	$\frac{1}{28}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{1820}\,\Phi_{910}\,\Phi_{455}\,\Phi_{364}\,\Phi_{260}\,\Phi_{182}\,\Phi_{140}^{2}\,\Phi_{91}\,\Phi_{70}^{2}\,\Phi_{65}\,\Phi_{52}\,\Phi_{35}^{2}\,\Phi_{28}\,\Phi_{20}^{2}\,\Phi_{14}\,\Phi_{13}\,\Phi_{10}\,\Phi_{7}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
147823	1863	130	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{61}{130}$	$\Phi_{130}^{13}\,\Phi_{65}^{16}\,\Phi_{26}^{13}\,\Phi_{13}^{15}\,\Phi_{10}^{12}\,\Phi_{5}^{15}\,\Phi_{2}^{12}\,\Phi_{1}^{15}$
147824	1863	1120	$\frac{1}{16}$	$\frac{17}{224}$	$\frac{1}{10}$	$\frac{15}{32}$	$\Phi_{1120}^{2}\,\Phi_{560}^{2}\,\Phi_{280}^{2}\,\Phi_{224}\,\Phi_{140}^{2}\,\Phi_{112}\,\Phi_{80}^{2}\,\Phi_{70}^{2}\,\Phi_{56}\,\Phi_{40}^{2}\,\Phi_{35}^{2}\,\Phi_{28}\,\Phi_{20}^{2}\,\Phi_{16}\,\Phi_{14}\,\Phi_{10}\,\Phi_{8}\,\Phi_{7}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
147825	1863	308	$\frac{5}{308}$	$\frac{1}{14}$	$\frac{101}{308}$	$\frac{13}{28}$	$\Phi_{308}^{6}\,\Phi_{154}^{6}\,\Phi_{77}^{6}\,\Phi_{44}^{6}\,\Phi_{28}^{7}\,\Phi_{22}^{6}\,\Phi_{14}^{6}\,\Phi_{11}^{6}\,\Phi_{7}^{6}\,\Phi_{4}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
147826	1863	1904	$\frac{41}{1904}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{1904}\,\Phi_{952}\,\Phi_{476}\,\Phi_{272}\,\Phi_{238}\,\Phi_{136}\,\Phi_{119}\,\Phi_{112}\,\Phi_{68}\,\Phi_{34}\,\Phi_{28}\,\Phi_{17}\,\Phi_{16}\,\Phi_{4}\,\Phi_{1}$
147827	1863	2464	$\frac{15}{616}$	$\frac{1}{14}$	$\frac{601}{2464}$	$\frac{13}{28}$	$\Phi_{2464}\,\Phi_{1232}\,\Phi_{352}\,\Phi_{224}\,\Phi_{176}\,\Phi_{112}\,\Phi_{32}\,\Phi_{28}\,\Phi_{16}\,\Phi_{4}\,\Phi_{1}$
147828	1863	28	$\frac{1}{28}$	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{28}^{67}\,\Phi_{14}^{66}\,\Phi_{7}^{66}\,\Phi_{4}^{67}\,\Phi_{2}^{66}\,\Phi_{1}^{67}$
147829	1863	2156	$\frac{15}{308}$	$\frac{1}{14}$	$\frac{293}{2156}$	$\frac{13}{28}$	$\Phi_{2156}\,\Phi_{1078}\,\Phi_{539}\,\Phi_{196}\,\Phi_{98}\,\Phi_{49}\,\Phi_{28}\,\Phi_{4}\,\Phi_{1}$
147830	1863	224	$\frac{1}{14}$	$\frac{17}{224}$	$\frac{5}{56}$	$\frac{13}{28}$	$\Phi_{224}^{9}\,\Phi_{112}^{9}\,\Phi_{56}^{6}\,\Phi_{32}^{9}\,\Phi_{28}^{7}\,\Phi_{16}^{9}\,\Phi_{14}^{6}\,\Phi_{8}^{6}\,\Phi_{7}^{6}\,\Phi_{4}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
147831	1863	2548	$\frac{1}{49}$	$\frac{48}{637}$	$\frac{685}{2548}$	$\frac{589}{1274}$	$\Phi_{2548}\,\Phi_{637}\,\Phi_{364}\,\Phi_{196}\,\Phi_{91}\,\Phi_{52}\,\Phi_{28}\,\Phi_{13}\,\Phi_{4}\,\Phi_{1}$
147832	1863	640	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{1}{10}$	$\frac{59}{128}$	$\Phi_{640}^{6}\,\Phi_{128}^{3}\,\Phi_{80}^{2}\,\Phi_{40}^{2}\,\Phi_{20}^{2}\,\Phi_{16}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
147833	1863	2090	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{227}{2090}$	$\frac{191}{418}$	$\Phi_{2090}\,\Phi_{1045}\,\Phi_{209}\,\Phi_{190}\,\Phi_{110}\,\Phi_{95}\,\Phi_{55}\,\Phi_{11}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
147834	1863	380	$\frac{1}{38}$	$\frac{17}{190}$	$\frac{37}{190}$	$\frac{173}{380}$	$\Phi_{380}^{9}\,\Phi_{190}\,\Phi_{95}\,\Phi_{76}^{9}\,\Phi_{20}^{9}\,\Phi_{10}\,\Phi_{5}\,\Phi_{4}^{9}\,\Phi_{1}$
147835	1863	380	$\frac{1}{19}$	$\frac{17}{190}$	$\frac{2}{19}$	$\frac{173}{380}$	$\Phi_{380}^{9}\,\Phi_{76}^{9}\,\Phi_{20}^{9}\,\Phi_{19}^{8}\,\Phi_{4}^{9}\,\Phi_{1}^{9}$
147836	1863	1722	$\frac{1}{82}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1722}\,\Phi_{861}\,\Phi_{574}\,\Phi_{287}\,\Phi_{246}^{2}\,\Phi_{123}^{2}\,\Phi_{82}\,\Phi_{41}\,\Phi_{21}\,\Phi_{7}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
147837	1863	84	$\frac{1}{28}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{84}^{21}\,\Phi_{42}^{18}\,\Phi_{28}^{27}\,\Phi_{21}^{21}\,\Phi_{14}^{24}\,\Phi_{12}^{21}\,\Phi_{7}^{26}\,\Phi_{6}^{18}\,\Phi_{4}^{27}\,\Phi_{3}^{21}\,\Phi_{2}^{24}\,\Phi_{1}^{27}$
147838	1863	760	$\frac{1}{38}$	$\frac{37}{380}$	$\frac{139}{760}$	$\frac{343}{760}$	$\Phi_{760}^{2}\,\Phi_{380}^{3}\,\Phi_{190}^{3}\,\Phi_{152}^{2}\,\Phi_{95}^{3}\,\Phi_{76}^{3}\,\Phi_{40}^{2}\,\Phi_{38}^{2}\,\Phi_{20}^{3}\,\Phi_{19}^{2}\,\Phi_{10}^{3}\,\Phi_{8}^{2}\,\Phi_{5}^{3}\,\Phi_{4}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
147839	1863	560	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{560}^{4}\,\Phi_{280}^{4}\,\Phi_{140}^{2}\,\Phi_{112}^{4}\,\Phi_{80}^{3}\,\Phi_{70}^{2}\,\Phi_{56}^{4}\,\Phi_{40}^{3}\,\Phi_{35}^{2}\,\Phi_{28}\,\Phi_{20}^{2}\,\Phi_{16}^{3}\,\Phi_{14}\,\Phi_{10}\,\Phi_{8}^{3}\,\Phi_{7}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
147840	1863	49	$\frac{3}{49}$	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{22}{49}$	$\Phi_{49}^{38}\,\Phi_{7}^{38}\,\Phi_{1}^{39}$
147841	1863	76	$\frac{1}{19}$	$\frac{7}{76}$	$\frac{2}{19}$	$\frac{17}{38}$	$\Phi_{76}^{27}\,\Phi_{38}^{18}\,\Phi_{19}^{26}\,\Phi_{4}^{27}\,\Phi_{2}^{18}\,\Phi_{1}^{27}$
147842	1863	3344	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{191}{1672}$	$\frac{1481}{3344}$	$\Phi_{3344}\,\Phi_{304}\,\Phi_{209}\,\Phi_{176}\,\Phi_{16}\,\Phi_{11}\,\Phi_{1}$
147843	1863	1648	$\frac{1}{103}$	$\frac{1}{8}$	$\frac{34}{103}$	$\frac{7}{16}$	$\Phi_{1648}^{2}\,\Phi_{103}^{2}\,\Phi_{16}^{3}\,\Phi_{1}^{3}$
147844	1863	1312	$\frac{1}{82}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1312}^{2}\,\Phi_{328}^{2}\,\Phi_{164}^{2}\,\Phi_{82}\,\Phi_{41}\,\Phi_{32}\,\Phi_{8}\,\Phi_{4}\,\Phi_{1}$
147845	1863	560	$\frac{1}{70}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{560}^{6}\,\Phi_{140}^{2}\,\Phi_{112}^{6}\,\Phi_{80}^{6}\,\Phi_{70}\,\Phi_{35}\,\Phi_{28}^{2}\,\Phi_{20}^{2}\,\Phi_{16}^{3}\,\Phi_{14}\,\Phi_{10}\,\Phi_{7}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
147846	1863	1648	$\frac{4}{103}$	$\frac{11}{103}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1648}^{2}\,\Phi_{103}^{2}\,\Phi_{16}^{3}\,\Phi_{1}^{3}$
147847	1863	240	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{240}^{16}\,\Phi_{120}^{2}\,\Phi_{80}^{14}\,\Phi_{60}^{2}\,\Phi_{48}^{8}\,\Phi_{40}^{2}\,\Phi_{30}^{2}\,\Phi_{24}\,\Phi_{20}^{2}\,\Phi_{16}^{7}\,\Phi_{15}^{2}\,\Phi_{12}\,\Phi_{10}\,\Phi_{8}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
147848	1863	1820	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{25}{182}$	$\frac{157}{364}$	$\Phi_{1820}^{2}\,\Phi_{364}\,\Phi_{260}^{2}\,\Phi_{140}^{2}\,\Phi_{130}^{2}\,\Phi_{65}^{2}\,\Phi_{52}\,\Phi_{28}\,\Phi_{26}\,\Phi_{20}^{2}\,\Phi_{13}\,\Phi_{10}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
147849	1863	1640	$\frac{1}{82}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1640}^2\ \Phi_{328}^2\ \Phi_{164}^2\ \Phi_{82}\ \Phi_{41}\ \Phi_{40}\ \Phi_8\ \Phi_4\ \Phi_1$
147850	1863	280	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{280}^{12}\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{56}^{12}\ \Phi_{40}^9\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_8^9\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
147851	1863	1064	$\frac{1}{133}$	$\frac{89}{532}$	$\frac{44}{133}$	$\frac{443}{1064}$	$\Phi_{1064}^3\ \Phi_{152}^3\ \Phi_{133}^2\ \Phi_{56}^3\ \Phi_{19}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
147852	1863	3136	$\frac{1}{98}$	$\frac{295}{1568}$	$\frac{97}{392}$	$\frac{1273}{3136}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{392}\ \Phi_{196}\ \Phi_{64}\ \Phi_{56}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
147853	1863	2660	$\frac{1}{133}$	$\frac{132}{665}$	$\frac{797}{2660}$	$\frac{533}{1330}$	$\Phi_{2660}\ \Phi_{665}\ \Phi_{532}\ \Phi_{380}\ \Phi_{140}\ \Phi_{95}\ \Phi_{76}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
147854	1863	3040	$\frac{1}{38}$	$\frac{37}{380}$	$\frac{343}{1520}$	$\frac{1177}{3040}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{380}\ \Phi_{190}\ \Phi_{160}\ \Phi_{95}\ \Phi_{76}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
147855	1863	112	$\frac{1}{28}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{112}^{27}\ \Phi_{28}^{13}\ \Phi_{16}^{27}\ \Phi_{14}^{12}\ \Phi_7^{12}\ \Phi_4^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
147856	1863	784	$\frac{1}{98}$	$\frac{163}{784}$	$\frac{97}{392}$	$\frac{295}{784}$	$\Phi_{784}^2\ \Phi_{392}^3\ \Phi_{196}^3\ \Phi_{112}^2\ \Phi_{98}^2\ \Phi_{56}^3\ \Phi_{49}^2\ \Phi_{28}^3\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
147857	1863	1120	$\frac{1}{70}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{224}^2\ \Phi_{160}^2\ \Phi_{140}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{70}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
147858	1863	209	$\frac{2}{209}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{209}^9\ \Phi_{19}^8\ \Phi_{11}^9\ \Phi_1^9$
147859	1863	980	$\frac{1}{98}$	$\frac{97}{490}$	$\frac{131}{490}$	$\frac{359}{980}$	$\Phi_{980}^3\ \Phi_{490}\ \Phi_{245}\ \Phi_{196}^3\ \Phi_{140}^3\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{10}\ \Phi_5\ \Phi_4^3\ \Phi_1$
147860	1863	1476	$\frac{1}{82}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1476}^2\ \Phi_{492}^2\ \Phi_{246}^2\ \Phi_{164}^2\ \Phi_{123}^2\ \Phi_{82}\ \Phi_{41}\ \Phi_{36}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
147861	1863	70	$\frac{1}{70}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{70}^{27}\ \Phi_{35}^{27}\ \Phi_{14}^{24}\ \Phi_{10}^{27}\ \Phi_7^{26}\ \Phi_5^{27}\ \Phi_2^{24}\ \Phi_1^{27}$
147862	1863	646	$\frac{25}{646}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{646}^3\ \Phi_{323}^3\ \Phi_{34}^3\ \Phi_{19}^2\ \Phi_{17}^3\ \Phi_1^3$
147863	1863	686	$\frac{1}{49}$	$\frac{65}{686}$	$\frac{16}{49}$	$\frac{33}{98}$	$\Phi_{686}^3\ \Phi_{343}^3\ \Phi_{49}^2\ \Phi_7^2\ \Phi_1^3$
147864	1863	520	$\frac{1}{52}$	$\frac{1}{10}$	$\frac{17}{52}$	$\frac{35}{104}$	$\Phi_{520}^6\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{104}^3\ \Phi_{65}^2\ \Phi_{52}\ \Phi_{40}^6\ \Phi_{26}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
147865	1863	266	$\frac{1}{133}$	$\frac{59}{266}$	$\frac{44}{133}$	$\frac{89}{266}$	$\Phi_{266}^6\ \Phi_{133}^8\ \Phi_{38}^6\ \Phi_{19}^8\ \Phi_{14}^6\ \Phi_7^8\ \Phi_2^6\ \Phi_1^9$
147866	1863	931	$\frac{4}{931}$	$\frac{309}{931}$	$\frac{310}{931}$	$\frac{311}{931}$	$\Phi_{931}^2\ \Phi_{133}^2\ \Phi_{49}^2\ \Phi_{19}^2\ \Phi_7^2\ \Phi_1^3$
147867	1863	412	$\frac{1}{103}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{34}{103}$	$\Phi_{412}^4\ \Phi_{206}^4\ \Phi_{103}^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
147868	1863	931	$\frac{10}{931}$	$\frac{208}{931}$	$\frac{241}{931}$	$\frac{307}{931}$	$\Phi_{931}^2\ \Phi_{133}^2\ \Phi_{49}^2\ \Phi_{19}^2\ \Phi_7^2\ \Phi_1^3$
147869	1863	1244	$\frac{7}{622}$	$\frac{139}{622}$	$\frac{1}{4}$	$\frac{205}{622}$	$\Phi_{1244}^2\ \Phi_{622}\ \Phi_{311}\ \Phi_4\ \Phi_1$
147870	1863	308	$\frac{5}{308}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{101}{308}$	$\Phi_{308}^6\ \Phi_{154}^6\ \Phi_{77}^6\ \Phi_{44}^6\ \Phi_{28}^6\ \Phi_{22}^6\ \Phi_{14}^6\ \Phi_{11}^6\ \Phi_7^8\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
147871	1863	98	$\frac{1}{49}$	$\frac{11}{98}$	$\frac{29}{98}$	$\frac{16}{49}$	$\Phi_{98}^{18}\ \Phi_{49}^{20}\ \Phi_{14}^{18}\ \Phi_7^{20}\ \Phi_2^{18}\ \Phi_1^{21}$
147872	1863	245	$\frac{1}{49}$	$\frac{38}{245}$	$\frac{11}{49}$	$\frac{16}{49}$	$\Phi_{245}^9\ \Phi_{49}^2\ \Phi_{35}^9\ \Phi_7^2\ \Phi_5^9\ \Phi_1^3$
147873	1863	784	$\frac{1}{49}$	$\frac{33}{196}$	$\frac{163}{784}$	$\frac{16}{49}$	$\Phi_{784}^3\ \Phi_{392}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{49}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
147874	1863	1320	$\frac{1}{40}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{13}{40}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{330}^2\ \Phi_{264}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{120}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{33}^3\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
147875	1863	442	$\frac{1}{34}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{11}{34}$	$\Phi_{442}^4\ \Phi_{221}^4\ \Phi_{34}^6\ \Phi_{26}^4\ \Phi_{17}^6\ \Phi_{13}^6\ \Phi_2^6\ \Phi_1^9$
147876	1863	340	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{11}{34}$	$\Phi_{340}^8\ \Phi_{170}^4\ \Phi_{85}^4\ \Phi_{68}^4\ \Phi_{34}^2\ \Phi_{20}^{10}\ \Phi_{17}^2\ \Phi_{10}^5\ \Phi_5^5\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
147877	1863	133	$\frac{4}{133}$	$\frac{10}{133}$	$\frac{41}{133}$	$\frac{43}{133}$	$\Phi_{133}^{14}\ \Phi_{19}^{14}\ \Phi_7^{14}\ \Phi_1^{15}$
147878	1863	1040	$\frac{7}{208}$	$\frac{1}{10}$	$\frac{47}{208}$	$\frac{67}{208}$	$\Phi_{1040}^2\ \Phi_{520}^2\ \Phi_{260}^2\ \Phi_{208}\ \Phi_{130}^2\ \Phi_{104}\ \Phi_{80}^2\ \Phi_{65}^2\ \Phi_{52}\ \Phi_{40}^2\ \Phi_{26}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{13}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
147879	1863	931	$\frac{37}{931}$	$\frac{80}{931}$	$\frac{211}{931}$	$\frac{298}{931}$	$\Phi_{931}^2\ \Phi_{133}^2\ \Phi_{49}^2\ \Phi_{19}^2\ \Phi_7^2\ \Phi_1^3$
147880	1863	1244	$\frac{25}{622}$	$\frac{47}{622}$	$\frac{1}{4}$	$\frac{199}{622}$	$\Phi_{1244}^2\ \Phi_{622}\ \Phi_{311}\ \Phi_4\ \Phi_1$
147881	1863	304	$\frac{13}{304}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{97}{304}$	$\Phi_{304}^6\ \Phi_{152}^6\ \Phi_{76}^6\ \Phi_{38}^6\ \Phi_{19}^8\ \Phi_{16}^6\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
147882	1863	760	$\frac{1}{19}$	$\frac{13}{152}$	$\frac{139}{760}$	$\frac{6}{19}$	$\Phi_{760}^3\ \Phi_{380}^3\ \Phi_{190}^3\ \Phi_{95}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{19}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1^3$
147883	1863	76	$\frac{1}{19}$	$\frac{7}{76}$	$\frac{13}{76}$	$\frac{6}{19}$	$\Phi_{76}^{24}\ \Phi_{38}^{24}\ \Phi_{19}^{26}\ \Phi_4^{24}\ \Phi_2^{24}\ \Phi_1^{27}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
147884	1863	80	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{5}{16}$	$\Phi_{80}^{23}\ \Phi_{40}^{23}\ \Phi_{20}^{23}\ \Phi_{16}^{25}\ \Phi_{10}^{22}\ \Phi_{8}^{25}\ \Phi_{5}^{22}\ \Phi_{4}^{25}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
147885	1863	312	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{312}^{6}\ \Phi_{156}^{6}\ \Phi_{104}^{6}\ \Phi_{78}^{6}\ \Phi_{52}^{4}\ \Phi_{39}^{6}\ \Phi_{26}^{4}\ \Phi_{24}^{9}\ \Phi_{13}^{6}\ \Phi_{12}^{9}\ \Phi_{8}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{6}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
147886	1863	1105	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{16}{85}$	$\frac{4}{13}$	$\Phi_{1105}^{2}\ \Phi_{85}^{3}\ \Phi_{65}^{2}\ \Phi_{13}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
147887	1863	130	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{3}{26}$	$\frac{4}{13}$	$\Phi_{130}^{16}\ \Phi_{65}^{16}\ \Phi_{26}^{7}\ \Phi_{13}^{9}\ \Phi_{10}^{15}\ \Phi_{5}^{15}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
147888	1863	984	$\frac{1}{24}$	$\frac{7}{82}$	$\frac{19}{82}$	$\frac{25}{82}$	$\Phi_{984}^{2}\ \Phi_{492}^{2}\ \Phi_{328}^{2}\ \Phi_{246}^{2}\ \Phi_{164}^{2}\ \Phi_{123}^{2}\ \Phi_{82}\ \Phi_{41}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
147889	1863	924	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{924}^{3}\ \Phi_{462}^{3}\ \Phi_{231}^{3}\ \Phi_{132}^{2}\ \Phi_{84}^{3}\ \Phi_{66}^{2}\ \Phi_{42}^{3}\ \Phi_{33}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{7}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
147890	1863	2805	$\frac{4}{85}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{2805}\ \Phi_{561}\ \Phi_{255}\ \Phi_{85}\ \Phi_{51}\ \Phi_{33}\ \Phi_{17}\ \Phi_{3}\ \Phi_{1}$
147891	1863	3300	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{19}{100}$	$\frac{10}{33}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{825}\ \Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{33}\ \Phi_{25}\ \Phi_{3}\ \Phi_{1}$
147892	1863	1056	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{5}{32}$	$\frac{10}{33}$	$\Phi_{1056}^{3}\ \Phi_{528}^{2}\ \Phi_{264}^{2}\ \Phi_{132}^{2}\ \Phi_{96}^{3}\ \Phi_{66}^{2}\ \Phi_{48}^{2}\ \Phi_{33}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
147893	1863	264	$\frac{7}{88}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{10}{33}$	$\Phi_{264}^{10}\ \Phi_{132}^{10}\ \Phi_{88}\ \Phi_{66}^{10}\ \Phi_{44}\ \Phi_{33}^{11}\ \Phi_{24}^{10}\ \Phi_{22}\ \Phi_{12}^{10}\ \Phi_{11}\ \Phi_{6}^{10}\ \Phi_{3}^{11}\ \Phi_{1}$
147894	1863	330	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{10}{33}$	$\Phi_{330}^{8}\ \Phi_{165}^{8}\ \Phi_{66}^{8}\ \Phi_{33}^{9}\ \Phi_{30}^{8}\ \Phi_{15}^{8}\ \Phi_{10}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
147895	1863	420	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{140}^{2}\ \Phi_{105}^{6}\ \Phi_{84}^{6}\ \Phi_{70}^{2}\ \Phi_{60}^{6}\ \Phi_{42}^{6}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{28}\ \Phi_{21}^{6}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{14}\ \Phi_{12}^{6}\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
147896	1863	931	$\frac{31}{931}$	$\frac{100}{931}$	$\frac{218}{931}$	$\frac{277}{931}$	$\Phi_{931}^{2}\ \Phi_{133}^{2}\ \Phi_{49}^{2}\ \Phi_{19}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
147897	1863	1244	$\frac{19}{622}$	$\frac{67}{622}$	$\frac{1}{4}$	$\frac{185}{622}$	$\Phi_{1244}^{2}\ \Phi_{622}\ \Phi_{311}\ \Phi_{4}\ \Phi_{1}$
147898	1863	98	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{11}{98}$	$\frac{29}{98}$	$\Phi_{98}^{18}\ \Phi_{49}^{20}\ \Phi_{14}^{18}\ \Phi_{7}^{20}\ \Phi_{2}^{18}\ \Phi_{1}^{21}$
147899	1863	76	$\frac{3}{38}$	$\frac{7}{76}$	$\frac{5}{38}$	$\frac{11}{38}$	$\Phi_{76}^{27}\ \Phi_{38}^{22}\ \Phi_{19}^{22}\ \Phi_{4}^{27}\ \Phi_{2}^{22}\ \Phi_{1}^{23}$
147900	1863	770	$\frac{5}{154}$	$\frac{1}{7}$	$\frac{149}{770}$	$\frac{2}{7}$	$\Phi_{770}^{3}\ \Phi_{385}^{3}\ \Phi_{110}^{3}\ \Phi_{70}^{3}\ \Phi_{55}^{3}\ \Phi_{35}^{3}\ \Phi_{10}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
147901	1863	28	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{28}^{66}\ \Phi_{14}^{66}\ \Phi_{7}^{68}\ \Phi_{4}^{66}\ \Phi_{2}^{66}\ \Phi_{1}^{69}$
147902	1863	77	$\frac{5}{77}$	$\frac{8}{77}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{77}^{24}\ \Phi_{11}^{24}\ \Phi_{7}^{26}\ \Phi_{1}^{27}$
147903	1863	224	$\frac{17}{224}$	$\frac{5}{56}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{224}^{9}\ \Phi_{112}^{9}\ \Phi_{56}^{6}\ \Phi_{32}^{9}\ \Phi_{28}^{6}\ \Phi_{16}^{9}\ \Phi_{14}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{8}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
147904	1863	160	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{5}{32}$	$\frac{9}{32}$	$\Phi_{160}^{12}\ \Phi_{80}^{14}\ \Phi_{40}^{14}\ \Phi_{32}^{6}\ \Phi_{20}^{14}\ \Phi_{16}^{7}\ \Phi_{10}^{13}\ \Phi_{8}^{7}\ \Phi_{5}^{13}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
147905	1863	95	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{17}{95}$	$\frac{26}{95}$	$\Phi_{95}^{18}\ \Phi_{19}^{26}\ \Phi_{5}^{18}\ \Phi_{1}^{27}$
147906	1863	760	$\frac{1}{38}$	$\frac{139}{760}$	$\frac{37}{190}$	$\frac{51}{190}$	$\Phi_{760}^{3}\ \Phi_{380}^{3}\ \Phi_{190}\ \Phi_{152}^{3}\ \Phi_{95}\ \Phi_{76}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{5}\ \Phi_{4}^{3}\ \Phi_{1}$
147907	1863	836	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{191}{836}$	$\frac{215}{836}$	$\Phi_{836}^{2}\ \Phi_{418}^{2}\ \Phi_{209}^{3}\ \Phi_{76}^{2}\ \Phi_{44}^{2}\ \Phi_{38}^{2}\ \Phi_{22}^{2}\ \Phi_{19}^{2}\ \Phi_{11}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
147908	1863	140	$\frac{1}{70}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{140}^{14}\ \Phi_{70}^{13}\ \Phi_{35}^{13}\ \Phi_{28}^{14}\ \Phi_{20}^{14}\ \Phi_{14}^{13}\ \Phi_{10}^{13}\ \Phi_{7}^{13}\ \Phi_{5}^{13}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
147909	1863	412	$\frac{4}{103}$	$\frac{11}{103}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{412}^{4}\ \Phi_{206}^{4}\ \Phi_{103}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
147910	1863	120	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{120}^{18}\ \Phi_{60}^{18}\ \Phi_{40}^{18}\ \Phi_{30}^{18}\ \Phi_{24}^{9}\ \Phi_{20}^{14}\ \Phi_{15}^{18}\ \Phi_{12}^{9}\ \Phi_{10}^{13}\ \Phi_{8}^{9}\ \Phi_{6}^{9}\ \Phi_{5}^{13}\ \Phi_{4}^{7}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
147911	1863	1360	$\frac{3}{68}$	$\frac{1}{10}$	$\frac{65}{272}$	$\frac{1}{4}$	$\Phi_{1360}^{2}\ \Phi_{680}^{2}\ \Phi_{272}\ \Phi_{136}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
147912	1863	340	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{16}{85}$	$\frac{1}{4}$	$\Phi_{340}^{7}\ \Phi_{170}^{3}\ \Phi_{85}^{4}\ \Phi_{68}^{8}\ \Phi_{34}^{4}\ \Phi_{20}^{9}\ \Phi_{17}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
147913	1863	1280	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{49}{256}$	$\frac{15}{64}$	$\Phi_{1280}^{2}\ \Phi_{640}^{2}\ \Phi_{256}\ \Phi_{128}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
147914	1863	245	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{38}{245}$	$\frac{11}{49}$	$\Phi_{245}^{9}\ \Phi_{49}^{2}\ \Phi_{35}^{9}\ \Phi_{7}^{2}\ \Phi_{5}^{9}\ \Phi_{1}^{3}$
147915	1863	260	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{12}{65}$	$\frac{53}{260}$	$\Phi_{260}^{9}\ \Phi_{130}^{5}\ \Phi_{65}^{6}\ \Phi_{52}^{9}\ \Phi_{26}^{5}\ \Phi_{20}^{9}\ \Phi_{13}^{5}\ \Phi_{10}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
147916	1863	80	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{11}{80}$	$\frac{7}{40}$	$\Phi_{80}^{27}\ \Phi_{40}^{20}\ \Phi_{20}^{20}\ \Phi_{16}^{27}\ \Phi_{10}^{19}\ \Phi_{8}^{19}\ \Phi_{5}^{19}\ \Phi_{4}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
147917	1864	465	$\frac{1}{465}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{232}{465}$	$\Phi_{465}^{4}\ \Phi_{155}^{4}\ \Phi_{93}^{4}\ \Phi_{31}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
147918	1864	1863	$\frac{5}{1863}$	$\frac{467}{1863}$	$\frac{698}{1863}$	$\frac{929}{1863}$	$\Phi_{1863}\ \Phi_{621}\ \Phi_{207}\ \Phi_{81}\ \Phi_{69}\ \Phi_{27}\ \Phi_{23}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
147919	1864	933	$\frac{1}{311}$	$\frac{78}{311}$	$\frac{1}{3}$	$\frac{155}{311}$	$\Phi_{933}^{3}\ \Phi_{3}^{2}$
147920	1864	3248	$\frac{1}{232}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{231}{464}$	$\Phi_{3248}\ \Phi_{464}^{2}\ \Phi_{112}\ \Phi_{16}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
147921	1864	6960	$\frac{1}{232}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{231}{464}$	$\Phi_{6960}\ \Phi_{240}\ \Phi_{15}$
147922	1864	414	$\frac{1}{207}$	$\frac{26}{207}$	$\frac{181}{414}$	$\frac{103}{207}$	$\Phi_{414}^{8}\ \Phi_{207}\ \Phi_{138}^{8}\ \Phi_{69}\ \Phi_{46}^{8}\ \Phi_{23}\ \Phi_{18}^{8}\ \Phi_{9}\ \Phi_{6}^{8}\ \Phi_{3}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
147923	1864	621	$\frac{1}{207}$	$\frac{155}{621}$	$\frac{52}{207}$	$\frac{103}{207}$	$\Phi_{621}^{4}\ \Phi_{207}\ \Phi_{69}\ \Phi_{27}^{4}\ \Phi_{23}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
147924	1864	927	$\frac{5}{927}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{461}{927}$	$\Phi_{927}^{2}\ \Phi_{309}^{2}\ \Phi_{103}^{2}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
147925	1864	1386	$\frac{2}{231}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{229}{462}$	$\Phi_{1386}^{3}\ \Phi_{462}^{2}\ \Phi_{198}^{3}\ \Phi_{154}^{2}\ \Phi_{126}^{3}\ \Phi_{66}^{2}\ \Phi_{42}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{3}\ \Phi_{14}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
147926	1864	891	$\frac{1}{81}$	$\frac{41}{891}$	$\frac{425}{891}$	$\frac{40}{81}$	$\Phi_{891}^{2}\ \Phi_{297}^{2}\ \Phi_{99}^{2}\ \Phi_{81}^{3}\ \Phi_{33}^{2}\ \Phi_{27}^{3}\ \Phi_{11}^{2}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
147927	1864	936	$\frac{1}{78}$	$\frac{1}{9}$	$\frac{79}{312}$	$\frac{77}{156}$	$\Phi_{936}^{3}\ \Phi_{312}^{2}\ \Phi_{234}^{3}\ \Phi_{117}^{3}\ \Phi_{104}^{2}\ \Phi_{78}^{2}\ \Phi_{72}^{3}\ \Phi_{39}^{2}\ \Phi_{26}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{3}\ \Phi_{13}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
147928	1864	460	$\frac{3}{230}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{227}{460}$	$\Phi_{460}^{8}\ \Phi_{92}^{8}\ \Phi_{23}\ \Phi_{20}^{8}\ \Phi_{4}^{8}\ \Phi_{1}^{2}$
147929	1864	460	$\frac{3}{230}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{227}{460}$	$\Phi_{460}^{8}\ \Phi_{92}^{8}\ \Phi_{23}\ \Phi_{20}^{8}\ \Phi_{4}^{8}\ \Phi_{1}^{2}$
147930	1864	897	$\frac{1}{69}$	$\frac{35}{897}$	$\frac{431}{897}$	$\frac{34}{69}$	$\Phi_{897}^{2}\ \Phi_{299}^{2}\ \Phi_{69}^{3}\ \Phi_{39}^{2}\ \Phi_{23}^{3}\ \Phi_{13}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
147931	1864	459	$\frac{7}{459}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{226}{459}$	$\Phi_{459}^{4}\ \Phi_{153}^{4}\ \Phi_{51}^{4}\ \Phi_{27}^{5}\ \Phi_{17}^{4}\ \Phi_{9}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
147932	1864	459	$\frac{7}{459}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{226}{459}$	$\Phi_{459}^{4}\ \Phi_{153}^{4}\ \Phi_{51}^{4}\ \Phi_{27}^{4}\ \Phi_{17}^{4}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
147933	1864	1368	$\frac{5}{228}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{223}{456}$	$\Phi_{1368}^{3}\ \Phi_{456}^{2}\ \Phi_{152}^{2}\ \Phi_{72}^{3}\ \Phi_{24}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
147934	1864	450	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{217}{450}$	$\Phi_{450}^{8}\ \Phi_{150}^{8}\ \Phi_{90}^{8}\ \Phi_{50}^{8}\ \Phi_{30}^{8}\ \Phi_{18}^{8}\ \Phi_{10}^{8}\ \Phi_{9}^{7}\ \Phi_{6}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
147935	1864	1377	$\frac{14}{459}$	$\frac{1}{27}$	$\frac{445}{1377}$	$\frac{13}{27}$	$\Phi_{1377}^{2}\ \Phi_{81}^{2}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
147936	1864	243	$\frac{1}{27}$	$\frac{10}{243}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{243}^{8}\ \Phi_{81}^{8}\ \Phi_{27}^{5}\ \Phi_{9}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
147937	1864	2340	$\frac{1}{26}$	$\frac{27}{260}$	$\frac{1}{9}$	$\frac{25}{52}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{180}\ \Phi_{117}\ \Phi_{90}\ \Phi_{78}\ \Phi_{60}\ \Phi_{45}\ \Phi_{39}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
147938	1864	345	$\frac{3}{115}$	$\frac{1}{23}$	$\frac{112}{345}$	$\frac{11}{23}$	$\Phi_{345}^{8}\ \Phi_{69}^{8}\ \Phi_{23}\ \Phi_{15}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{2}$
147939	1864	483	$\frac{17}{483}$	$\frac{1}{23}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{483}^{4}\ \Phi_{161}^{4}\ \Phi_{69}^{4}\ \Phi_{23}\ \Phi_{21}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
147940	1864	575	$\frac{1}{23}$	$\frac{6}{115}$	$\frac{109}{575}$	$\frac{11}{23}$	$\Phi_{575}^{4}\ \Phi_{25}^{4}\ \Phi_{23}\ \Phi_{1}^{2}$
147941	1864	276	$\frac{1}{23}$	$\frac{3}{46}$	$\frac{43}{276}$	$\frac{11}{23}$	$\Phi_{276}^{8}\ \Phi_{138}^{8}\ \Phi_{92}^{8}\ \Phi_{69}^{8}\ \Phi_{23}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{2}$
147942	1864	253	$\frac{1}{23}$	$\frac{20}{253}$	$\frac{3}{23}$	$\frac{11}{23}$	$\Phi_{253}^{8}\ \Phi_{23}\ \Phi_{11}^{8}\ \Phi_{1}^{2}$
147943	1864	1035	$\frac{1}{23}$	$\frac{103}{1035}$	$\frac{12}{115}$	$\frac{11}{23}$	$\Phi_{1035}^{2}\ \Phi_{345}^{2}\ \Phi_{207}^{2}\ \Phi_{69}^{2}\ \Phi_{45}^{2}\ \Phi_{23}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
147944	1864	3978	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{209}{442}$	$\Phi_{3978}\ \Phi_{1326}\ \Phi_{306}\ \Phi_{234}\ \Phi_{117}\ \Phi_{102}\ \Phi_{78}\ \Phi_{39}\ \Phi_{18}\ \Phi_{6}$
147945	1864	252	$\frac{1}{18}$	$\frac{19}{252}$	$\frac{1}{9}$	$\frac{17}{36}$	$\Phi_{252}^{8}\ \Phi_{126}^{8}\ \Phi_{84}^{8}\ \Phi_{63}^{8}\ \Phi_{42}^{8}\ \Phi_{28}^{8}\ \Phi_{21}^{8}\ \Phi_{18}^{8}\ \Phi_{14}^{8}\ \Phi_{9}^{7}\ \Phi_{7}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
147946	1864	1755	$\frac{1}{27}$	$\frac{109}{1755}$	$\frac{26}{135}$	$\frac{823}{1755}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}^{2}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}^{2}\ \Phi_{39}\ \Phi_{27}\ \Phi_{15}^{2}\ \Phi_{13}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
147947	1864	1755	$\frac{109}{1755}$	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{823}{1755}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}\ \Phi_{117}^{2}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}^{2}\ \Phi_{27}\ \Phi_{15}\ \Phi_{13}^{2}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
147948	1864	567	$\frac{1}{27}$	$\frac{13}{189}$	$\frac{101}{567}$	$\frac{88}{189}$	$\Phi_{567}^{4}\ \Phi_{189}^{2}\ \Phi_{81}^{4}\ \Phi_{63}^{2}\ \Phi_{27}\ \Phi_{21}^{2}\ \Phi_{9}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
147949	1864	432	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{1}{9}$	$\frac{199}{432}$	$\Phi_{432}^{8}\ \Phi_{144}^{8}\ \Phi_{48}^{8}\ \Phi_{18}^{8}\ \Phi_{16}^{8}\ \Phi_{9}^{7}\ \Phi_{6}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
147950	1864	243	$\frac{10}{243}$	$\frac{7}{81}$	$\frac{11}{81}$	$\frac{37}{81}$	$\Phi_{243}^{8}\ \Phi_{81}^{7}\ \Phi_{27}^{7}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
147951	1864	1701	$\frac{1}{81}$	$\frac{163}{1701}$	$\frac{80}{243}$	$\frac{769}{1701}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{243}^{2}\ \Phi_{189}\ \Phi_{81}\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
147952	1864	1701	$\frac{1}{27}$	$\frac{163}{1701}$	$\frac{26}{189}$	$\frac{769}{1701}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{243}\ \Phi_{189}^{2}\ \Phi_{81}\ \Phi_{63}^{2}\ \Phi_{27}\ \Phi_{21}^{2}\ \Phi_{9}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
147953	1864	270	$\frac{1}{27}$	$\frac{13}{135}$	$\frac{37}{270}$	$\frac{61}{135}$	$\Phi_{270}^{8}\ \Phi_{135}^{6}\ \Phi_{90}^{8}\ \Phi_{54}^{8}\ \Phi_{45}^{6}\ \Phi_{30}^{8}\ \Phi_{27}^{5}\ \Phi_{18}^{8}\ \Phi_{15}^{6}\ \Phi_{10}^{8}\ \Phi_{9}^{5}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
147954	1864	3744	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{25}{208}$	$\frac{183}{416}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{288}\ \Phi_{234}\ \Phi_{117}\ \Phi_{96}\ \Phi_{78}\ \Phi_{39}\ \Phi_{18}\ \Phi_{6}$
147955	1864	324	$\frac{1}{81}$	$\frac{10}{81}$	$\frac{91}{324}$	$\frac{71}{162}$	$\Phi_{324}^{8}\ \Phi_{108}^{8}\ \Phi_{81}^{7}\ \Phi_{36}^{8}\ \Phi_{27}^{7}\ \Phi_{12}^{8}\ \Phi_{9}^{7}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
147956	1864	414	$\frac{1}{69}$	$\frac{26}{207}$	$\frac{17}{69}$	$\frac{181}{414}$	$\Phi_{414}^{8}\ \Phi_{138}^{8}\ \Phi_{69}^{3}\ \Phi_{46}^{8}\ \Phi_{23}^{3}\ \Phi_{18}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{3}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
147957	1864	414	$\frac{7}{207}$	$\frac{25}{207}$	$\frac{26}{207}$	$\frac{181}{414}$	$\Phi_{414}^{8}\ \Phi_{207}\ \Phi_{138}^{8}\ \Phi_{69}\ \Phi_{46}^{8}\ \Phi_{23}\ \Phi_{18}^{8}\ \Phi_{9}\ \Phi_{6}^{8}\ \Phi_{3}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
147958	1864	819	$\frac{4}{117}$	$\frac{1}{9}$	$\frac{113}{819}$	$\frac{353}{819}$	$\Phi_{819}^{2}\ \Phi_{273}^{2}\ \Phi_{117}^{4}\ \Phi_{91}^{2}\ \Phi_{63}^{2}\ \Phi_{39}^{4}\ \Phi_{21}^{2}\ \Phi_{13}^{4}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
147959	1864	2436	$\frac{1}{116}$	$\frac{1}{7}$	$\frac{115}{348}$	$\frac{3}{7}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{609}\ \Phi_{348}^{2}\ \Phi_{174}^{2}\ \Phi_{87}^{2}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
147960	1864	1652	$\frac{3}{236}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1652}\ \Phi_{826}\ \Phi_{413}\ \Phi_{236}^{2}\ \Phi_{118}^{2}\ \Phi_{59}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
147961	1864	2030	$\frac{1}{58}$	$\frac{1}{7}$	$\frac{57}{290}$	$\frac{3}{7}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{290}^{2}\ \Phi_{145}^{2}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
147962	1864	1680	$\frac{7}{240}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}\ \Phi_{240}^{2}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}^{2}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}^{2}\ \Phi_{70}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{42}\ \Phi_{40}^{2}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
147963	1864	1827	$\frac{1}{29}$	$\frac{28}{261}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{261}^{2}\ \Phi_{87}^{2}\ \Phi_{63}\ \Phi_{21}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
147964	1864	405	$\frac{1}{81}$	$\frac{61}{405}$	$\frac{20}{81}$	$\frac{172}{405}$	$\Phi_{405}^{4}\ \Phi_{135}^{4}\ \Phi_{81}^{7}\ \Phi_{45}^{4}\ \Phi_{27}^{7}\ \Phi_{15}^{4}\ \Phi_{9}^{7}\ \Phi_{5}^{4}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
147965	1864	405	$\frac{1}{27}$	$\frac{13}{135}$	$\frac{61}{405}$	$\frac{172}{405}$	$\Phi_{405}^{4}\ \Phi_{135}^{6}\ \Phi_{81}^{4}\ \Phi_{45}^{6}\ \Phi_{27}^{5}\ \Phi_{15}^{6}\ \Phi_{9}^{5}\ \Phi_{5}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
147966	1864	720	$\frac{7}{240}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{2}\ \Phi_{180}^{3}\ \Phi_{144}^{3}\ \Phi_{120}^{2}\ \Phi_{90}^{3}\ \Phi_{80}^{2}\ \Phi_{72}^{3}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{45}^{3}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{3}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
147967	1864	1170	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{38}{195}$	$\frac{157}{390}$	$\Phi_{1170}^{3}\ \Phi_{390}^{2}\ \Phi_{234}^{3}\ \Phi_{130}^{2}\ \Phi_{117}^{3}\ \Phi_{90}^{3}\ \Phi_{78}^{2}\ \Phi_{39}^{2}\ \Phi_{30}^{2}\ \Phi_{26}^{2}\ \Phi_{18}^{3}\ \Phi_{13}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
147968	1864	378	$\frac{1}{27}$	$\frac{13}{189}$	$\frac{44}{189}$	$\frac{145}{378}$	$\Phi_{378}^{8}\ \Phi_{189}^{2}\ \Phi_{126}^{8}\ \Phi_{63}^{2}\ \Phi_{54}^{8}\ \Phi_{42}^{8}\ \Phi_{27}\ \Phi_{21}^{2}\ \Phi_{18}^{8}\ \Phi_{14}^{8}\ \Phi_{9}\ \Phi_{7}^{2}\ \Phi_{6}^{8}\ \Phi_{3}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
147969	1864	276	$\frac{1}{69}$	$\frac{43}{276}$	$\frac{17}{69}$	$\frac{26}{69}$	$\Phi_{276}^{8}\ \Phi_{138}^{8}\ \Phi_{92}^{8}\ \Phi_{69}^{3}\ \Phi_{46}^{8}\ \Phi_{23}^{3}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{3}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
147970	1864	729	$\frac{1}{81}$	$\frac{40}{243}$	$\frac{203}{729}$	$\frac{263}{729}$	$\Phi_{729}^{2}\ \Phi_{243}^{4}\ \Phi_{81}^{3}\ \Phi_{27}^{3}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
147971	1864	1449	$\frac{1}{69}$	$\frac{68}{483}$	$\frac{415}{1449}$	$\frac{517}{1449}$	$\Phi_{1449}\ \Phi_{483}^{2}\ \Phi_{207}\ \Phi_{161}^{2}\ \Phi_{69}\ \Phi_{63}\ \Phi_{23}\ \Phi_{21}^{2}\ \Phi_{9}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
147972	1864	351	$\frac{2}{117}$	$\frac{1}{9}$	$\frac{115}{351}$	$\frac{118}{351}$	$\Phi_{351}^{4}\ \Phi_{117}^{8}\ \Phi_{39}^{8}\ \Phi_{27}^{4}\ \Phi_{13}^{8}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
147973	1864	234	$\frac{1}{234}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{234}^{8}\ \Phi_{117}^{8}\ \Phi_{78}^{8}\ \Phi_{39}^{8}\ \Phi_{26}^{8}\ \Phi_{18}^{8}\ \Phi_{13}^{8}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
147974	1864	1395	$\frac{2}{465}$	$\frac{463}{1395}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1395}^{2}\ \Phi_{279}^{2}\ \Phi_{45}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
147975	1864	930	$\frac{1}{155}$	$\frac{77}{310}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{930}^{2}\ \Phi_{465}\ \Phi_{310}^{4}\ \Phi_{186}^{2}\ \Phi_{155}^{2}\ \Phi_{93}\ \Phi_{62}^{4}\ \Phi_{31}^{2}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{10}^{4}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
147976	1864	705	$\frac{2}{235}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{705}^{2}\ \Phi_{235}^{4}\ \Phi_{141}^{2}\ \Phi_{47}^{4}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
147977	1864	279	$\frac{1}{93}$	$\frac{46}{279}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{279}^{8}\ \Phi_{93}^{4}\ \Phi_{31}^{4}\ \Phi_{9}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
147978	1864	945	$\frac{13}{945}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{135}^{2}\ \Phi_{105}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{35}^{2}\ \Phi_{27}^{2}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
147979	1864	1023	$\frac{2}{93}$	$\frac{91}{1023}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1023}^{2}\ \Phi_{341}^{2}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
147980	1864	240	$\frac{7}{240}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}^{8}\ \Phi_{60}^{8}\ \Phi_{48}^{8}\ \Phi_{40}^{8}\ \Phi_{30}^{8}\ \Phi_{24}^{8}\ \Phi_{20}^{8}\ \Phi_{16}^{8}\ \Phi_{15}^{4}\ \Phi_{12}^{8}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{4}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
147981	1864	744	$\frac{1}{31}$	$\frac{15}{248}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{744}^{2}\ \Phi_{372}^{2}\ \Phi_{248}^{4}\ \Phi_{186}^{2}\ \Phi_{124}^{4}\ \Phi_{93}\ \Phi_{62}^{4}\ \Phi_{31}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
147982	1864	1740	$\frac{1}{116}$	$\frac{1}{5}$	$\frac{115}{348}$	$\frac{1}{3}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}^{2}\ \Phi_{435}\ \Phi_{290}^{2}\ \Phi_{145}^{2}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$
147983	1864	3540	$\frac{3}{236}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3540}\ \Phi_{1770}\ \Phi_{885}\ \Phi_{15}$
147984	1864	870	$\frac{1}{58}$	$\frac{57}{290}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{870}^{3}\ \Phi_{435}^{3}\ \Phi_{174}^{4}\ \Phi_{87}^{4}\ \Phi_{30}^{3}\ \Phi_{15}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}$
147985	1864	240	$\frac{7}{240}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{240}^{8}\ \Phi_{120}^{7}\ \Phi_{80}^{8}\ \Phi_{60}^{7}\ \Phi_{48}^{8}\ \Phi_{40}^{8}\ \Phi_{30}^{7}\ \Phi_{24}^{8}\ \Phi_{20}^{8}\ \Phi_{16}^{8}\ \Phi_{15}^{8}\ \Phi_{12}^{8}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
147986	1864	1305	$\frac{1}{29}$	$\frac{28}{261}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1305}^{2}\ \Phi_{435}\ \Phi_{145}^{2}\ \Phi_{45}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
147987	1864	792	$\frac{2}{33}$	$\frac{1}{9}$	$\frac{31}{264}$	$\frac{1}{3}$	$\Phi_{792}^3\,\Phi_{396}^3\,\Phi_{264}^2\,\Phi_{198}^3\,\Phi_{132}^2\,\Phi_{88}^2\,\Phi_{72}^3\,\Phi_{66}^2\,\Phi_{44}^2\,\Phi_{36}^3\,\Phi_{24}^2\,\Phi_{22}^2\,\Phi_{18}^3\,\Phi_{12}^2\,\Phi_9^2\,\Phi_8^2\,\Phi_6^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
147988	1864	252	$\frac{19}{252}$	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{252}^8\,\Phi_{126}^8\,\Phi_{84}^8\,\Phi_{63}^5\,\Phi_{42}^8\,\Phi_{36}^8\,\Phi_{28}^8\,\Phi_{21}^6\,\Phi_{18}^8\,\Phi_{14}^8\,\Phi_{12}^8\,\Phi_9^7\,\Phi_7^6\,\Phi_6^8\,\Phi_4^8\,\Phi_3^7\,\Phi_2^8\,\Phi_1^8$
147989	1864	345	$\frac{3}{115}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{112}{345}$	$\Phi_{345}^8\,\Phi_{69}^8\,\Phi_{23}\,\Phi_{15}^8\,\Phi_3^8\,\Phi_1^2$
147990	1864	342	$\frac{5}{114}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{109}{342}$	$\Phi_{342}^5\,\Phi_{171}^5\,\Phi_{114}^6\,\Phi_{57}^6\,\Phi_{38}^6\,\Phi_{19}^6\,\Phi_{18}^8\,\Phi_9^7\,\Phi_6^8\,\Phi_3^7\,\Phi_2^8\,\Phi_1^8$
147991	1864	270	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{37}{270}$	$\frac{17}{54}$	$\Phi_{270}^8\,\Phi_{135}^8\,\Phi_{90}^8\,\Phi_{45}^8\,\Phi_{30}^8\,\Phi_{18}^8\,\Phi_{15}^8\,\Phi_{10}^8\,\Phi_9^7\,\Phi_6^8\,\Phi_5^8\,\Phi_3^7\,\Phi_2^8\,\Phi_1^8$
147992	1864	1053	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{121}{1053}$	$\frac{109}{351}$	$\Phi_{1053}^2\,\Phi_{351}\,\Phi_{117}^2\,\Phi_{81}^2\,\Phi_{39}^2\,\Phi_{27}\,\Phi_{13}^2\,\Phi_9\,\Phi_3\,\Phi_1^2$
147993	1864	276	$\frac{3}{46}$	$\frac{2}{23}$	$\frac{43}{276}$	$\frac{7}{23}$	$\Phi_{276}^8\,\Phi_{138}^8\,\Phi_{92}^8\,\Phi_{69}^8\,\Phi_{23}\,\Phi_{12}^8\,\Phi_6^8\,\Phi_4^8\,\Phi_3^8\,\Phi_1^2$
147994	1864	253	$\frac{20}{253}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{7}{23}$	$\Phi_{253}^8\,\Phi_{23}\,\Phi_{11}^8\,\Phi_1^2$
147995	1864	1215	$\frac{1}{27}$	$\frac{13}{135}$	$\frac{283}{1215}$	$\frac{122}{405}$	$\Phi_{1215}^2\,\Phi_{243}^2\,\Phi_{135}^2\,\Phi_{45}^2\,\Phi_{27}\,\Phi_{15}^2\,\Phi_9\,\Phi_5^2\,\Phi_3\,\Phi_1^2$
147996	1864	567	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{101}{567}$	$\frac{163}{567}$	$\Phi_{567}^3\,\Phi_{189}^4\,\Phi_{81}^3\,\Phi_{63}^4\,\Phi_{27}^3\,\Phi_{21}^4\,\Phi_9^3\,\Phi_7^4\,\Phi_3^3\,\Phi_1^4$
147997	1864	324	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{17}{108}$	$\frac{91}{324}$	$\Phi_{324}^8\,\Phi_{162}^8\,\Phi_{81}^8\,\Phi_{18}^8\,\Phi_9^7\,\Phi_6^8\,\Phi_3^7\,\Phi_2^8\,\Phi_1^8$
147998	1864	243	$\frac{10}{243}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{243}^8\,\Phi_{81}^8\,\Phi_{27}^4\,\Phi_9^7\,\Phi_3^7\,\Phi_1^8$
147999	1864	936	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{25}{104}$	$\frac{79}{312}$	$\Phi_{936}^2\,\Phi_{468}^2\,\Phi_{312}\,\Phi_{234}^3\,\Phi_{156}\,\Phi_{117}^3\,\Phi_{104}^2\,\Phi_{78}^2\,\Phi_{72}^2\,\Phi_{52}^2\,\Phi_{39}^2\,\Phi_{36}^2\,\Phi_{26}^2\,\Phi_{24}\,\Phi_{18}^3\,\Phi_{13}^2\,\Phi_{12}\,\Phi_9^2\,\Phi_8^2\,\Phi_6^2\,\Phi_4^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
148000	1864	621	$\frac{1}{69}$	$\frac{17}{69}$	$\frac{155}{621}$	$\frac{52}{207}$	$\Phi_{621}^4\,\Phi_{69}^3\,\Phi_{27}^4\,\Phi_{23}^3\,\Phi_3^3\,\Phi_1^4$
148001	1864	306	$\frac{7}{153}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{73}{306}$	$\Phi_{306}^8\,\Phi_{153}^4\,\Phi_{102}^8\,\Phi_{51}^4\,\Phi_{34}^8\,\Phi_{18}^8\,\Phi_{17}^4\,\Phi_9^7\,\Phi_6^8\,\Phi_3^7\,\Phi_2^8\,\Phi_1^8$
148002	1864	288	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{55}{288}$	$\frac{17}{72}$	$\Phi_{288}^8\,\Phi_{144}^8\,\Phi_{96}^8\,\Phi_{48}^8\,\Phi_{32}^8\,\Phi_{18}^8\,\Phi_{16}^8\,\Phi_9^7\,\Phi_6^8\,\Phi_3^7\,\Phi_2^8\,\Phi_1^8$
148003	1864	585	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{109}{585}$	$\frac{119}{585}$	$\Phi_{585}^3\,\Phi_{195}^3\,\Phi_{117}^4\,\Phi_{65}^3\,\Phi_{45}^3\,\Phi_{39}^4\,\Phi_{15}^3\,\Phi_{13}^4\,\Phi_9^3\,\Phi_5^3\,\Phi_3^3\,\Phi_1^4$
148004	1864	270	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{37}{270}$	$\frac{8}{45}$	$\Phi_{270}^8\,\Phi_{135}^8\,\Phi_{90}^8\,\Phi_{54}^8\,\Phi_{30}^8\,\Phi_{27}^8\,\Phi_{18}^8\,\Phi_{10}^8\,\Phi_9^7\,\Phi_6^8\,\Phi_3^7\,\Phi_2^8\,\Phi_1^8$
148005	1865	744	$\frac{1}{372}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{371}{744}$	$\Phi_{744}\,\Phi_{372}^4\,\Phi_{248}\,\Phi_{186}^4\,\Phi_{124}^4\,\Phi_{93}^4\,\Phi_{62}^4\,\Phi_{31}^4\,\Phi_{24}\,\Phi_{12}^4\,\Phi_8^2\,\Phi_6^4\,\Phi_4^4\,\Phi_3^4\,\Phi_2^4\,\Phi_1^5$
148006	1865	3712	$\frac{9}{1856}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1847}{3712}$	$\Phi_{3712}\,\Phi_{128}\,\Phi_{16}\,\Phi_1$
148007	1865	3696	$\frac{17}{1848}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1831}{3696}$	$\Phi_{3696}\,\Phi_{1232}\,\Phi_{528}\,\Phi_{336}\,\Phi_{176}\,\Phi_{112}\,\Phi_{48}\,\Phi_{24}\,\Phi_{16}\,\Phi_{12}\,\Phi_6\,\Phi_3\,\Phi_1$
148008	1865	2496	$\frac{7}{624}$	$\frac{1}{8}$	$\frac{631}{2496}$	$\frac{617}{1248}$	$\Phi_{2496}\,\Phi_{832}\,\Phi_{624}\,\Phi_{312}\,\Phi_{208}\,\Phi_{192}\,\Phi_{156}\,\Phi_{104}\,\Phi_{78}\,\Phi_{64}\,\Phi_{52}\,\Phi_{48}\,\Phi_{39}\,\Phi_{26}\,\Phi_{24}\,\Phi_{16}\,\Phi_{13}\,\Phi_{12}\,\Phi_6\,\Phi_3\,\Phi_1$
148009	1865	3648	$\frac{41}{1824}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1783}{3648}$	$\Phi_{3648}\,\Phi_{1216}\,\Phi_{192}\,\Phi_{64}\,\Phi_{48}\,\Phi_{24}\,\Phi_{16}\,\Phi_{12}\,\Phi_6\,\Phi_3\,\Phi_1$
148010	1865	726	$\frac{10}{363}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{353}{726}$	$\Phi_{726}^2\,\Phi_{363}^3\,\Phi_{242}^2\,\Phi_{121}^3\,\Phi_{66}^3\,\Phi_{33}^4\,\Phi_{22}^3\,\Phi_{11}^3\,\Phi_6^2\,\Phi_3^3\,\Phi_2^2\,\Phi_1^3$
148011	1865	408	$\frac{1}{34}$	$\frac{35}{408}$	$\frac{1}{6}$	$\frac{33}{68}$	$\Phi_{408}^5\,\Phi_{204}^3\,\Phi_{136}^5\,\Phi_{102}^5\,\Phi_{68}^4\,\Phi_{51}^5\,\Phi_{34}^5\,\Phi_{24}^5\,\Phi_{17}^5\,\Phi_{12}^3\,\Phi_8^5\,\Phi_6^4\,\Phi_4^4\,\Phi_3^4\,\Phi_2^4\,\Phi_1^5$
148012	1865	416	$\frac{7}{208}$	$\frac{43}{416}$	$\frac{1}{8}$	$\frac{201}{416}$	$\Phi_{416}^4\,\Phi_{208}^5\,\Phi_{104}^5\,\Phi_{52}^5\,\Phi_{32}^4\,\Phi_{26}^5\,\Phi_{16}^5\,\Phi_{13}^5\,\Phi_8^4\,\Phi_4^4\,\Phi_2^4\,\Phi_1^5$
148013	1865	720	$\frac{13}{360}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{347}{720}$	$\Phi_{720}^5\,\Phi_{240}^5\,\Phi_{144}^5\,\Phi_{80}^5\,\Phi_{72}\,\Phi_{48}^5\,\Phi_{36}\,\Phi_{24}\,\Phi_{18}\,\Phi_{16}^5\,\Phi_{12}\,\Phi_9\,\Phi_6\,\Phi_3\,\Phi_1$
148014	1865	714	$\frac{16}{357}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{341}{714}$	$\Phi_{714}^2\,\Phi_{357}^3\,\Phi_{238}^2\,\Phi_{119}^3\,\Phi_{102}^3\,\Phi_{51}^4\,\Phi_{42}^2\,\Phi_{34}^3\,\Phi_{21}^3\,\Phi_{17}^3\,\Phi_{14}^2\,\Phi_7^3\,\Phi_6^2\,\Phi_3^3\,\Phi_2^2\,\Phi_1^3$
148015	1865	396	$\frac{1}{22}$	$\frac{23}{396}$	$\frac{1}{6}$	$\frac{21}{44}$	$\Phi_{396}^5\,\Phi_{198}^5\,\Phi_{132}^3\,\Phi_{99}^5\,\Phi_{66}^5\,\Phi_{44}^4\,\Phi_{36}^5\,\Phi_{33}^5\,\Phi_{22}^5\,\Phi_{18}^5\,\Phi_{12}^3\,\Phi_{11}^5\,\Phi_9^5\,\Phi_6^4\,\Phi_4^4\,\Phi_3^4\,\Phi_2^4\,\Phi_1^5$
148016	1865	2016	$\frac{7}{144}$	$\frac{151}{2016}$	$\frac{1}{8}$	$\frac{137}{288}$	$\Phi_{2016}\,\Phi_{1008}\,\Phi_{672}\,\Phi_{504}\,\Phi_{336}\,\Phi_{252}\,\Phi_{224}\,\Phi_{168}\,\Phi_{144}\,\Phi_{126}\,\Phi_{112}\,\Phi_{84}\,\Phi_{72}\,\Phi_{63}\,\Phi_{56}\,\Phi_{48}\,\Phi_{42}\,\Phi_{36}\,\Phi_{28}\,\Phi_{24}\,\Phi_{21}\,\Phi_{18}\,\Phi_{16}\,\Phi_{14}\,\Phi_{12}\,\Phi_9\,\Phi_7\,\Phi_6\,\Phi_3\,\Phi_1$
148017	1865	3536	$\frac{97}{1768}$	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1671}{3536}$	$\Phi_{3536}\,\Phi_{272}\,\Phi_{208}\,\Phi_{104}\,\Phi_{52}\,\Phi_{26}\,\Phi_{16}\,\Phi_{13}\,\Phi_1$
148018	1865	2112	$\frac{1}{22}$	$\frac{21}{352}$	$\frac{1}{6}$	$\frac{331}{704}$	$\Phi_{2112}^2\,\Phi_{704}\,\Phi_{192}^2\,\Phi_{66}^2\,\Phi_{64}\,\Phi_{33}^2\,\Phi_{22}\,\Phi_{11}\,\Phi_6\,\Phi_3\,\Phi_1$
148019	1865	3456	$\frac{7}{144}$	$\frac{137}{1728}$	$\frac{1}{8}$	$\frac{1591}{3456}$	$\Phi_{3456}\,\Phi_{1152}\,\Phi_{384}\,\Phi_{144}\,\Phi_{128}\,\Phi_{72}\,\Phi_{48}\,\Phi_{36}\,\Phi_{24}\,\Phi_{18}\,\Phi_{16}\,\Phi_{12}\,\Phi_9\,\Phi_6\,\Phi_3\,\Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
148020	1865	2040	$\frac{1}{34}$	$\frac{33}{340}$	$\frac{1}{6}$	$\frac{307}{680}$	$\Phi_{2040}^2\ \Phi_{680}\ \Phi_{408}^2\ \Phi_{136}\ \Phi_{120}^2\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{40}\ \Phi_{34}\ \Phi_{24}^2\ \Phi_{17}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
148021	1865	3328	$\frac{7}{208}$	$\frac{201}{1664}$	$\frac{1}{8}$	$\frac{1463}{3328}$	$\Phi_{3328}\ \Phi_{256}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
148022	1865	2784	$\frac{9}{928}$	$\frac{1}{8}$	$\frac{919}{2784}$	$\frac{7}{16}$	$\Phi_{2784}\ \Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{96}\ \Phi_{87}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
148023	1865	1888	$\frac{23}{1888}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1888}\ \Phi_{944}\ \Phi_{472}\ \Phi_{236}\ \Phi_{118}\ \Phi_{59}\ \Phi_{16}\ \Phi_1$
148024	1865	464	$\frac{9}{464}$	$\frac{1}{8}$	$\frac{91}{464}$	$\frac{7}{16}$	$\Phi_{464}^4\ \Phi_{232}^4\ \Phi_{116}^4\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_{16}^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
148025	1865	384	$\frac{11}{384}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{384}^5\ \Phi_{192}^5\ \Phi_{128}^5\ \Phi_{96}^5\ \Phi_{64}^4\ \Phi_{48}^5\ \Phi_{32}^4\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^5\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
148026	1865	384	$\frac{11}{384}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{384}^5\ \Phi_{192}^5\ \Phi_{128}^5\ \Phi_{96}^4\ \Phi_{64}^5\ \Phi_{48}^5\ \Phi_{32}^4\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^5\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
148027	1865	624	$\frac{7}{312}$	$\frac{1}{8}$	$\frac{61}{312}$	$\frac{251}{624}$	$\Phi_{624}^5\ \Phi_{312}\ \Phi_{208}^5\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}^5\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}^5\ \Phi_{13}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
148028	1865	3000	$\frac{2}{375}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{375}\ \Phi_{200}\ \Phi_{125}\ \Phi_{120}\ \Phi_{75}\ \Phi_{40}\ \Phi_{25}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
148029	1865	2232	$\frac{1}{186}$	$\frac{1}{4}$	$\frac{185}{558}$	$\frac{3}{8}$	$\Phi_{2232}^2\ \Phi_{558}\ \Phi_{279}\ \Phi_{72}^2\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
148030	1865	376	$\frac{3}{376}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{376}^5\ \Phi_{188}^5\ \Phi_{94}^5\ \Phi_{47}^5\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
148031	1865	496	$\frac{1}{124}$	$\frac{123}{496}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{496}^5\ \Phi_{248}\ \Phi_{124}^4\ \Phi_{62}^4\ \Phi_{31}^4\ \Phi_{16}^5\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
148032	1865	3720	$\frac{1}{93}$	$\frac{92}{465}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3720}\ \Phi_{1240}\ \Phi_{465}\ \Phi_{155}\ \Phi_{120}\ \Phi_{40}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
148033	1865	1512	$\frac{5}{378}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1512}^2\ \Phi_{504}^2\ \Phi_{378}\ \Phi_{216}^2\ \Phi_{189}\ \Phi_{168}^2\ \Phi_{126}\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{56}^2\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
148034	1865	1736	$\frac{1}{62}$	$\frac{61}{434}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1736}^2\ \Phi_{434}\ \Phi_{217}\ \Phi_{56}^2\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
148035	1865	384	$\frac{11}{384}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{384}^5\ \Phi_{192}^5\ \Phi_{128}^5\ \Phi_{96}^5\ \Phi_{64}^5\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{24}\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
148036	1865	3224	$\frac{1}{31}$	$\frac{30}{403}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3224}\ \Phi_{403}\ \Phi_{104}\ \Phi_{13}\ \Phi_8\ \Phi_1$
148037	1865	2796	$\frac{1}{233}$	$\frac{232}{699}$	$\frac{931}{2796}$	$\frac{467}{1398}$	$\Phi_{2796}\ \Phi_{932}\ \Phi_{699}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
148038	1865	2736	$\frac{41}{912}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{871}{2736}$	$\Phi_{2736}\ \Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
148039	1865	432	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{59}{432}$	$\frac{137}{432}$	$\Phi_{432}^4\ \Phi_{216}^4\ \Phi_{144}^5\ \Phi_{108}^4\ \Phi_{72}^5\ \Phi_{54}^4\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{27}^4\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^4\ \Phi_6^5\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
148040	1865	408	$\frac{1}{17}$	$\frac{35}{408}$	$\frac{1}{6}$	$\frac{16}{51}$	$\Phi_{408}^5\ \Phi_{204}^5\ \Phi_{136}^5\ \Phi_{102}^3\ \Phi_{68}^5\ \Phi_{51}^4\ \Phi_{34}^3\ \Phi_{24}^5\ \Phi_{17}^3\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^2\ \Phi_4^5\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
148041	1865	396	$\frac{23}{396}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{396}^5\ \Phi_{198}^5\ \Phi_{132}^5\ \Phi_{99}^5\ \Phi_{66}^3\ \Phi_{44}^5\ \Phi_{36}^5\ \Phi_{33}^4\ \Phi_{22}^3\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_{11}^3\ \Phi_9^5\ \Phi_6^2\ \Phi_4^5\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
148042	1865	528	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{1}{6}$	$\frac{155}{528}$	$\Phi_{528}^3\ \Phi_{264}^3\ \Phi_{176}^4\ \Phi_{132}^3\ \Phi_{88}^4\ \Phi_{66}^5\ \Phi_{48}^3\ \Phi_{44}^4\ \Phi_{33}^5\ \Phi_{24}^3\ \Phi_{22}^5\ \Phi_{16}^4\ \Phi_{12}^3\ \Phi_{11}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
148043	1865	2112	$\frac{17}{264}$	$\frac{247}{2112}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{192}\ \Phi_{176}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
148044	1865	2016	$\frac{151}{2016}$	$\frac{17}{168}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
148045	1865	2592	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{137}{864}$	$\frac{727}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
148046	1865	510	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{33}{170}$	$\frac{137}{510}$	$\Phi_{510}^3\ \Phi_{255}^3\ \Phi_{170}^4\ \Phi_{102}^5\ \Phi_{85}^4\ \Phi_{51}^5\ \Phi_{34}^5\ \Phi_{30}^3\ \Phi_{17}^5\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
148047	1865	2496	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{201}{832}$	$\frac{631}{2496}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{192}\ \Phi_{156}\ \Phi_{104}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
148048	1865	1320	$\frac{1}{22}$	$\frac{67}{440}$	$\frac{1}{6}$	$\frac{21}{88}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{440}\ \Phi_{330}^2\ \Phi_{220}\ \Phi_{165}^2\ \Phi_{120}^2\ \Phi_{110}\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{40}\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
148049	1865	2304	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{439}{2304}$	$\frac{137}{576}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
148050	1865	1452	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{111}{484}$	$\Phi_{1452}^2\ \Phi_{726}\ \Phi_{484}\ \Phi_{363}\ \Phi_{132}^2\ \Phi_{121}\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
148051	1865	1428	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{1}{6}$	$\frac{103}{476}$	$\Phi_{1428}^2\ \Phi_{714}\ \Phi_{476}\ \Phi_{357}\ \Phi_{204}^2\ \Phi_{119}\ \Phi_{102}^2\ \Phi_{84}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{42}\ \Phi_{34}\ \Phi_{28}\ \Phi_{21}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
148052	1865	445	$\frac{4}{89}$	$\frac{72}{445}$	$\frac{17}{89}$	$\frac{1}{5}$	$\Phi_{445}^4\ \Phi_{89}^5\ \Phi_5^3\ \Phi_1^5$
148053	1865	432	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{59}{432}$	$\frac{13}{72}$	$\Phi_{432}^5\ \Phi_{216}^5\ \Phi_{144}^5\ \Phi_{108}^5\ \Phi_{72}\ \Phi_{54}^5\ \Phi_{48}^5\ \Phi_{36}\ \Phi_{27}^5\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}^5\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
148054	1866	1492	$\frac{1}{373}$	$\frac{187}{746}$	$\frac{559}{1492}$	$\frac{186}{373}$	$\Phi_{1492}^2\ \Phi_{373}\ \Phi_4^2\ \Phi_1^2$
148055	1866	620	$\frac{1}{310}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{309}{620}$	$\Phi_{620}^6\ \Phi_{124}^6\ \Phi_{20}^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
148056	1866	1860	$\frac{1}{310}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{309}{620}$	$\Phi_{1860}\ \Phi_{930}^2\ \Phi_{465}^2\ \Phi_{372}\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{60}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
148057	1866	4326	$\frac{2}{309}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{307}{618}$	$\Phi_{4326}\ \Phi_{1442}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
148058	1866	2912	$\frac{1}{104}$	$\frac{1}{7}$	$\frac{105}{416}$	$\frac{103}{208}$	$\Phi_{2912}\ \Phi_{728}\ \Phi_{364}\ \Phi_{224}\ \Phi_{182}\ \Phi_{91}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
148059	1866	616	$\frac{3}{308}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{305}{616}$	$\Phi_{616}^6\ \Phi_{88}^6\ \Phi_{56}^6\ \Phi_{28}\ \Phi_{14}\ \Phi_8^6$
148060	1866	356	$\frac{1}{89}$	$\frac{45}{356}$	$\frac{1}{4}$	$\frac{44}{89}$	$\Phi_{356}^5\ \Phi_{178}^5\ \Phi_{89}^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
148061	1866	373	$\frac{5}{373}$	$\frac{62}{373}$	$\frac{63}{373}$	$\frac{184}{373}$	$\Phi_{373}^5\ \Phi_1^6$
148062	1866	4284	$\frac{5}{306}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{301}{612}$	$\Phi_{4284}\ \Phi_{1428}\ \Phi_{476}\ \Phi_{252}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
148063	1866	4256	$\frac{7}{304}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{297}{608}$	$\Phi_{4256}\ \Phi_{224}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
148064	1866	340	$\frac{2}{85}$	$\frac{29}{340}$	$\frac{1}{5}$	$\frac{83}{170}$	$\Phi_{340}^6\ \Phi_{170}^4\ \Phi_{85}^6\ \Phi_{68}^6\ \Phi_{34}^4\ \Phi_{20}^6\ \Phi_{17}^6\ \Phi_{10}^4\ \Phi_5^5\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
148065	1866	605	$\frac{17}{605}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{294}{605}$	$\Phi_{605}^3\ \Phi_{121}^3\ \Phi_{55}^4\ \Phi_{11}^4\ \Phi_5^3\ \Phi_1^4$
148066	1866	330	$\frac{2}{55}$	$\frac{19}{330}$	$\frac{1}{5}$	$\frac{53}{110}$	$\Phi_{330}^6\ \Phi_{165}^6\ \Phi_{110}^4\ \Phi_{66}^6\ \Phi_{55}^6\ \Phi_{33}^6\ \Phi_{30}^6\ \Phi_{22}^4\ \Phi_{15}^6\ \Phi_{11}^6\ \Phi_{10}^4\ \Phi_6^6\ \Phi_5^5\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
148067	1866	4200	$\frac{11}{300}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{289}{600}$	$\Phi_{4200}\ \Phi_{1400}\ \Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
148068	1866	4186	$\frac{12}{299}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{287}{598}$	$\Phi_{4186}\ \Phi_{322}\ \Phi_{182}\ \Phi_{91}\ \Phi_{14}$
148069	1866	336	$\frac{1}{24}$	$\frac{25}{336}$	$\frac{1}{7}$	$\frac{23}{48}$	$\Phi_{336}^5\ \Phi_{168}^6\ \Phi_{112}^5\ \Phi_{84}^6\ \Phi_{56}^6\ \Phi_{48}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
148070	1866	595	$\frac{27}{595}$	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{284}{595}$	$\Phi_{595}^3\ \Phi_{119}^3\ \Phi_{85}^4\ \Phi_{35}^3\ \Phi_{17}^4\ \Phi_7^3\ \Phi_5^3\ \Phi_1^4$
148071	1866	1760	$\frac{2}{55}$	$\frac{53}{880}$	$\frac{1}{5}$	$\frac{827}{1760}$	$\Phi_{1760}^2\ \Phi_{352}^2\ \Phi_{160}^2\ \Phi_{55}^2\ \Phi_{32}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
148072	1866	4032	$\frac{1}{24}$	$\frac{23}{288}$	$\frac{1}{7}$	$\frac{265}{576}$	$\Phi_{4032}\ \Phi_{1344}\ \Phi_{448}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
148073	1866	4004	$\frac{1}{26}$	$\frac{25}{286}$	$\frac{1}{7}$	$\frac{261}{572}$	$\Phi_{4004}\ \Phi_{364}\ \Phi_{308}\ \Phi_{182}\ \Phi_{91}\ \Phi_{28}\ \Phi_{14}$
148074	1866	1700	$\frac{2}{85}$	$\frac{83}{850}$	$\frac{1}{5}$	$\frac{767}{1700}$	$\Phi_{1700}^2\ \Phi_{340}^2\ \Phi_{100}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{20}^2\ \Phi_{17}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
148075	1866	2240	$\frac{9}{320}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
148076	1866	546	$\frac{1}{39}$	$\frac{38}{273}$	$\frac{1}{7}$	$\frac{235}{546}$	$\Phi_{546}^6\ \Phi_{273}\ \Phi_{182}^6\ \Phi_{91}\ \Phi_{78}^6\ \Phi_{42}^6\ \Phi_{26}^6\ \Phi_{21}\ \Phi_{14}^6\ \Phi_6^6\ \Phi_2^6$
148077	1866	1260	$\frac{4}{315}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2$
148078	1866	1068	$\frac{1}{89}$	$\frac{44}{267}$	$\frac{1}{4}$	$\frac{223}{534}$	$\Phi_{1068}^2\ \Phi_{356}^3\ \Phi_{267}^2\ \Phi_{178}\ \Phi_{89}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
148079	1866	3640	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{51}{260}$	$\frac{209}{520}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{364}\ \Phi_{280}\ \Phi_{182}\ \Phi_{91}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
148080	1866	465	$\frac{1}{155}$	$\frac{1}{5}$	$\frac{154}{465}$	$\frac{2}{5}$	$\Phi_{465}^6\ \Phi_{93}^6\ \Phi_{15}^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
148081	1866	940	$\frac{7}{940}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{940}^2\ \Phi_{470}^2\ \Phi_{235}^2\ \Phi_{188}^2\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
148082	1866	1240	$\frac{3}{310}$	$\frac{1}{5}$	$\frac{307}{1240}$	$\frac{2}{5}$	$\Phi_{1240}^2\ \Phi_{620}^2\ \Phi_{248}^2\ \Phi_{124}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
148083	1866	315	$\frac{4}{315}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{315}^6\ \Phi_{105}^6\ \Phi_{63}^6\ \Phi_{45}^6\ \Phi_{35}^6\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_9^6\ \Phi_7^6\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
148084	1866	1860	$\frac{1}{62}$	$\frac{61}{372}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{465}\ \Phi_{372}^2\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{93}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
148085	1866	1085	$\frac{3}{155}$	$\frac{152}{1085}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1085}^2\ \Phi_{217}^2\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
148086	1866	320	$\frac{9}{320}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{320}^6\ \Phi_{160}^6\ \Phi_{80}^6\ \Phi_{64}^6\ \Phi_{40}^6\ \Phi_{32}^6\ \Phi_{20}^6\ \Phi_{16}^6\ \Phi_8^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
148087	1866	1705	$\frac{1}{31}$	$\frac{30}{341}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1705}\ \Phi_{341}^2\ \Phi_{55}\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
148088	1866	3276	$\frac{1}{78}$	$\frac{1}{7}$	$\frac{77}{234}$	$\frac{157}{468}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{252}\ \Phi_{182}\ \Phi_{91}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
148089	1866	373	$\frac{4}{373}$	$\frac{62}{373}$	$\frac{123}{373}$	$\frac{125}{373}$	$\Phi_{373}^5\ \Phi_1^6$
148090	1866	1860	$\frac{1}{155}$	$\frac{1}{4}$	$\frac{154}{465}$	$\frac{1}{3}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}^2\ \Phi_{372}\ \Phi_{310}^2\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
148091	1866	1260	$\frac{4}{315}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
148092	1866	372	$\frac{1}{62}$	$\frac{61}{372}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{372}^4\ \Phi_{186}^5\ \Phi_{124}^6\ \Phi_{93}^5\ \Phi_{62}^6\ \Phi_{31}^6\ \Phi_{12}^5\ \Phi_6^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
148093	1866	960	$\frac{9}{320}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{960}^3\ \Phi_{480}^3\ \Phi_{240}^3\ \Phi_{192}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}\ \Phi_{48}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
148094	1866	4092	$\frac{1}{31}$	$\frac{30}{341}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{4092}\ \Phi_{2046}\ \Phi_{132}\ \Phi_{66}\ \Phi_{12}\ \Phi_6$
148095	1866	3204	$\frac{1}{89}$	$\frac{179}{801}$	$\frac{1}{4}$	$\frac{88}{267}$	$\Phi_{3204}\ \Phi_{1602}\ \Phi_{356}\ \Phi_{178}\ \Phi_{36}\ \Phi_{18}$
148096	1866	924	$\frac{3}{154}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{151}{462}$	$\Phi_{924}^4\ \Phi_{462}^2\ \Phi_{231}^2\ \Phi_{132}^4\ \Phi_{84}^4\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
148097	1866	373	$\frac{10}{373}$	$\frac{62}{373}$	$\frac{63}{373}$	$\frac{121}{373}$	$\Phi_{373}^5\ \Phi_1^6$
148098	1866	2520	$\frac{1}{24}$	$\frac{49}{360}$	$\frac{1}{7}$	$\frac{23}{72}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
148099	1866	3192	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{145}{456}$	$\Phi_{3192}\ \Phi_{1596}\ \Phi_{798}\ \Phi_{399}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
148100	1866	340	$\frac{4}{85}$	$\frac{29}{340}$	$\frac{1}{5}$	$\frac{27}{85}$	$\Phi_{340}^6\ \Phi_{170}^6\ \Phi_{85}^4\ \Phi_{68}^6\ \Phi_{34}^6\ \Phi_{20}^6\ \Phi_{17}^4\ \Phi_{10}^6\ \Phi_5^3\ \Phi_4^6\ \Phi_2^6\ \Phi_1^4$
148101	1866	330	$\frac{19}{330}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{17}{55}$	$\Phi_{330}^6\ \Phi_{165}^6\ \Phi_{110}^6\ \Phi_{66}^6\ \Phi_{55}^4\ \Phi_{33}^6\ \Phi_{30}^6\ \Phi_{22}^6\ \Phi_{15}^6\ \Phi_{11}^4\ \Phi_{10}^6\ \Phi_6^6\ \Phi_5^3\ \Phi_3^6\ \Phi_2^6\ \Phi_1^4$
148102	1866	440	$\frac{2}{55}$	$\frac{53}{440}$	$\frac{1}{5}$	$\frac{129}{440}$	$\Phi_{440}^4\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{88}^4\ \Phi_{55}^6\ \Phi_{44}^4\ \Phi_{40}^4\ \Phi_{22}^4\ \Phi_{20}^4\ \Phi_{11}^6\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
148103	1866	3024	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{23}{144}$	$\frac{121}{432}$	$\Phi_{3024}\ \Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{189}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
148104	1866	2268	$\frac{13}{324}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
148105	1866	425	$\frac{2}{85}$	$\frac{83}{425}$	$\frac{1}{5}$	$\frac{114}{425}$	$\Phi_{425}^4\ \Phi_{85}^6\ \Phi_{25}^4\ \Phi_{17}^6\ \Phi_5^5\ \Phi_1^6$
148106	1866	644	$\frac{11}{322}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{644}^4\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{92}^4\ \Phi_{46}^2\ \Phi_{28}\ \Phi_{23}^2\ \Phi_{14}$
148107	1866	1540	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{74}{385}$	$\frac{1}{4}$	$\Phi_{1540}^2\ \Phi_{770}^2\ \Phi_{220}^2\ \Phi_{140}^2\ \Phi_{110}^2\ \Phi_{70}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}^2$
148108	1866	2464	$\frac{3}{44}$	$\frac{41}{352}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{616}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
148109	1866	336	$\frac{25}{336}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{84}^6\ \Phi_{56}^6\ \Phi_{48}^6\ \Phi_{42}^6\ \Phi_{28}\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{16}^6\ \Phi_{14}\ \Phi_{12}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_3^6$
148110	1866	2772	$\frac{6}{77}$	$\frac{71}{693}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{462}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{132}\ \Phi_{126}\ \Phi_{84}\ \Phi_{66}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
148111	1866	1100	$\frac{2}{55}$	$\frac{167}{1100}$	$\frac{1}{5}$	$\frac{53}{220}$	$\Phi_{1100}^2\ \Phi_{550}^2\ \Phi_{275}^2\ \Phi_{100}^2\ \Phi_{55}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
148112	1866	2688	$\frac{1}{24}$	$\frac{1}{7}$	$\frac{73}{384}$	$\frac{23}{96}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{896}\ \Phi_{448}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
148113	1866	2856	$\frac{5}{102}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{97}{408}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{952}\ \Phi_{476}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
148114	1866	1210	$\frac{4}{55}$	$\frac{51}{605}$	$\frac{1}{5}$	$\frac{277}{1210}$	$\Phi_{1210}^2\ \Phi_{605}\ \Phi_{242}^2\ \Phi_{121}\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
148115	1866	1190	$\frac{4}{85}$	$\frac{81}{595}$	$\frac{1}{5}$	$\frac{257}{1190}$	$\Phi_{1190}^2\ \Phi_{595}\ \Phi_{238}^2\ \Phi_{170}^2\ \Phi_{119}\ \Phi_{85}^2\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
148116	1866	2520	$\frac{1}{12}$	$\frac{49}{360}$	$\frac{1}{7}$	$\frac{11}{60}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{315}\ \Phi_{280}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
148117	1867	3720	$\frac{7}{1860}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1853}{3720}$	$\Phi_{3720}\ \Phi_{1240}\ \Phi_{744}\ \Phi_{248}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
148118	1867	3708	$\frac{13}{1854}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1841}{3708}$	$\Phi_{3708}\ \Phi_{1236}\ \Phi_{412}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
148119	1867	2136	$\frac{2}{267}$	$\frac{269}{2136}$	$\frac{1}{3}$	$\frac{265}{534}$	$\Phi_{2136}\ \Phi_{1068}\ \Phi_{712}\ \Phi_{356}\ \Phi_{267}\ \Phi_{89}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
148120	1867	2496	$\frac{5}{624}$	$\frac{1}{6}$	$\frac{629}{2496}$	$\frac{619}{1248}$	$\Phi_{2496}\ \Phi_{832}\ \Phi_{624}\ \Phi_{312}\ \Phi_{208}\ \Phi_{192}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{64}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
148121	1867	3696	$\frac{19}{1848}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1829}{3696}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{112}\ \Phi_{48}\ \Phi_{21}\ \Phi_{16}\ \Phi_{7}\ \Phi_{1}$
148122	1867	3696	$\frac{19}{1848}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1829}{3696}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{112}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
148123	1867	3672	$\frac{31}{1836}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1805}{3672}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{216}\ \Phi_{136}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
148124	1867	3648	$\frac{43}{1824}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1781}{3648}$	$\Phi_{3648}\ \Phi_{1216}\ \Phi_{192}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
148125	1867	2016	$\frac{5}{144}$	$\frac{149}{2016}$	$\frac{1}{6}$	$\frac{139}{288}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
148126	1867	3600	$\frac{67}{1800}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1733}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
148127	1867	3588	$\frac{73}{1794}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1721}{3588}$	$\Phi_{3588}\ \Phi_{1196}\ \Phi_{276}\ \Phi_{156}\ \Phi_{92}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
148128	1867	3456	$\frac{5}{144}$	$\frac{139}{1728}$	$\frac{1}{6}$	$\frac{1589}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
148129	1867	3432	$\frac{5}{156}$	$\frac{151}{1716}$	$\frac{1}{6}$	$\frac{1565}{3432}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{264}\ \Phi_{156}\ \Phi_{104}\ \Phi_{88}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
148130	1867	1890	$\frac{23}{1890}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{54}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
148131	1867	1920	$\frac{53}{1920}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
148132	1867	3276	$\frac{5}{234}$	$\frac{229}{1638}$	$\frac{1}{6}$	$\frac{1409}{3276}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{28}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
148133	1867	3204	$\frac{2}{267}$	$\frac{265}{1602}$	$\frac{1}{3}$	$\frac{1337}{3204}$	$\Phi_{3204}\ \Phi_{1068}\ \Phi_{356}\ \Phi_{267}\ \Phi_{89}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
148134	1867	2232	$\frac{7}{372}$	$\frac{365}{2232}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{744}\ \Phi_{558}\ \Phi_{279}\ \Phi_{248}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
148135	1867	1920	$\frac{53}{1920}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
148136	1867	3120	$\frac{5}{312}$	$\frac{1}{6}$	$\frac{307}{1560}$	$\frac{1253}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{312}\ \Phi_{240}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{80}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
148137	1867	2808	$\frac{5}{468}$	$\frac{1}{6}$	$\frac{463}{1404}$	$\frac{941}{2808}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{216}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{72}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{24}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
148138	1867	2403	$\frac{2}{267}$	$\frac{536}{2403}$	$\frac{265}{801}$	$\frac{1}{3}$	$\Phi_{2403}\ \Phi_{267}\ \Phi_{89}\ \Phi_{27}\ \Phi_{1}$
148139	1867	2772	$\frac{19}{924}$	$\frac{2}{21}$	$\frac{905}{2772}$	$\frac{1}{3}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{63}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
148140	1867	1932	$\frac{65}{1932}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{276}\ \Phi_{161}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
148141	1867	2310	$\frac{19}{462}$	$\frac{2}{21}$	$\frac{443}{2310}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{110}\ \Phi_{105}\ \Phi_{70}\ \Phi_{55}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
148142	1867	2016	$\frac{149}{2016}$	$\frac{2}{21}$	$\frac{19}{168}$	$\frac{1}{3}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
148143	1867	2079	$\frac{19}{231}$	$\frac{2}{21}$	$\frac{212}{2079}$	$\frac{1}{3}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{297}\ \Phi_{189}\ \Phi_{99}\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
148144	1867	2160	$\frac{5}{144}$	$\frac{293}{2160}$	$\frac{1}{6}$	$\frac{139}{432}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
148145	1867	2736	$\frac{43}{912}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{869}{2736}$	$\Phi_{2736}\ \Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
148146	1867	1944	$\frac{77}{1944}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
148147	1867	2592	$\frac{5}{144}$	$\frac{139}{864}$	$\frac{1}{6}$	$\frac{725}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
148148	1867	2304	$\frac{5}{144}$	$\frac{1}{6}$	$\frac{437}{2304}$	$\frac{139}{576}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
148149	1867	2448	$\frac{31}{612}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{581}{2448}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{144}\ \Phi_{136}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
148150	1867	2112	$\frac{19}{264}$	$\frac{245}{2112}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{192}\ \Phi_{176}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
148151	1867	2016	$\frac{149}{2016}$	$\frac{19}{168}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
148152	1867	2160	$\frac{5}{72}$	$\frac{293}{2160}$	$\frac{1}{6}$	$\frac{67}{360}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
148153	1868	2796	$\frac{1}{466}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{465}{932}$	$\Phi_{2796}\ \Phi_{932}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
148154	1868	930	$\frac{2}{465}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{463}{930}$	$\Phi_{930}^4\ \Phi_{310}^4\ \Phi_{186}^4\ \Phi_{62}^4\ \Phi_{30}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
148155	1868	561	$\frac{1}{187}$	$\frac{94}{561}$	$\frac{1}{3}$	$\frac{93}{187}$	$\Phi_{561}^3\ \Phi_{187}^4\ \Phi_{51}^3\ \Phi_{33}^3\ \Phi_{17}^4\ \Phi_{11}^4\ \Phi_3^2\ \Phi_1^4$
148156	1868	3120	$\frac{1}{156}$	$\frac{1}{5}$	$\frac{157}{624}$	$\frac{155}{312}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{240}\ \Phi_{195}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
148157	1868	4640	$\frac{3}{464}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{461}{928}$	$\Phi_{4640}\ \Phi_{160}\ \Phi_{20}\ \Phi_{10}$
148158	1868	924	$\frac{5}{462}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{457}{924}$	$\Phi_{924}^4\ \Phi_{308}^4\ \Phi_{132}^4\ \Phi_{84}^4\ \Phi_{44}^4\ \Phi_{33}\ \Phi_{28}^4\ \Phi_{12}^4\ \Phi_4^4$
148159	1868	4620	$\frac{5}{462}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{457}{924}$	$\Phi_{4620}\ \Phi_{1540}\ \Phi_{660}\ \Phi_{420}\ \Phi_{220}\ \Phi_{140}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
148160	1868	510	$\frac{1}{85}$	$\frac{43}{510}$	$\frac{1}{3}$	$\frac{42}{85}$	$\Phi_{510}^4\ \Phi_{255}^3\ \Phi_{170}^4\ \Phi_{102}^4\ \Phi_{85}^4\ \Phi_{51}^3\ \Phi_{34}^4\ \Phi_{30}^4\ \Phi_{17}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
148161	1868	918	$\frac{8}{459}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{451}{918}$	$\Phi_{918}^4\ \Phi_{306}^4\ \Phi_{102}^4\ \Phi_{54}^4\ \Phi_{51}\ \Phi_{34}^4\ \Phi_{18}^4\ \Phi_6^4\ \Phi_2^4$
148162	1868	4590	$\frac{8}{459}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{451}{918}$	$\Phi_{4590}\ \Phi_{1530}\ \Phi_{510}\ \Phi_{270}\ \Phi_{170}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
148163	1868	495	$\frac{1}{55}$	$\frac{28}{495}$	$\frac{1}{3}$	$\frac{27}{55}$	$\Phi_{495}^4\ \Phi_{165}^3\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{45}^4\ \Phi_{33}^3\ \Phi_{15}^3\ \Phi_{11}^4\ \Phi_9^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
148164	1868	520	$\frac{1}{52}$	$\frac{53}{520}$	$\frac{1}{5}$	$\frac{51}{104}$	$\Phi_{520}^3\ \Phi_{260}^4\ \Phi_{130}^4\ \Phi_{104}^4\ \Phi_{65}^4\ \Phi_{52}^4\ \Phi_{40}^3\ \Phi_{26}^4\ \Phi_{20}^4\ \Phi_{13}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
148165	1868	4560	$\frac{11}{456}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{445}{912}$	$\Phi_{4560}\ \Phi_{1520}\ \Phi_{240}\ \Phi_{80}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
148166	1868	910	$\frac{12}{455}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{443}{910}$	$\Phi_{910}^4\ \Phi_{182}^4\ \Phi_{130}^4\ \Phi_{70}^4\ \Phi_{65}\ \Phi_{26}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_2^4$
148167	1868	2520	$\frac{1}{36}$	$\frac{37}{504}$	$\frac{1}{5}$	$\frac{35}{72}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{280}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
148168	1868	900	$\frac{17}{450}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{433}{900}$	$\Phi_{900}^4\ \Phi_{300}^4\ \Phi_{180}^4\ \Phi_{100}^4\ \Phi_{90}\ \Phi_{60}^4\ \Phi_{45}\ \Phi_{36}^4\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}\ \Phi_4^4$
148169	1868	4420	$\frac{1}{26}$	$\frac{25}{442}$	$\frac{1}{5}$	$\frac{417}{884}$	$\Phi_{4420}\ \Phi_{340}\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{20}\ \Phi_{10}$
148170	1868	1428	$\frac{9}{476}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{1428}^2\ \Phi_{714}^2\ \Phi_{357}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{84}^2\ \Phi_{51}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_6^2$
148171	1868	2640	$\frac{1}{55}$	$\frac{27}{440}$	$\frac{1}{3}$	$\frac{413}{880}$	$\Phi_{2640}^2\ \Phi_{528}^2\ \Phi_{240}^2\ \Phi_{165}\ \Phi_{48}^2\ \Phi_{33}\ \Phi_{15}$
148172	1868	4320	$\frac{1}{36}$	$\frac{35}{432}$	$\frac{1}{5}$	$\frac{397}{864}$	$\Phi_{4320}\ \Phi_{1440}\ \Phi_{480}\ \Phi_{180}\ \Phi_{160}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
148173	1868	480	$\frac{13}{480}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^3\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^3\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
148174	1868	4290	$\frac{1}{39}$	$\frac{38}{429}$	$\frac{1}{5}$	$\frac{391}{858}$	$\Phi_{4290}\ \Phi_{1430}\ \Phi_{390}\ \Phi_{330}\ \Phi_{195}\ \Phi_{130}\ \Phi_{110}\ \Phi_{65}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
148175	1868	1419	$\frac{6}{473}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1419}^2\ \Phi_{129}^2\ \Phi_{33}$
148176	1868	2550	$\frac{1}{85}$	$\frac{42}{425}$	$\frac{1}{3}$	$\frac{383}{850}$	$\Phi_{2550}^2\ \Phi_{510}^2\ \Phi_{255}\ \Phi_{150}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
148177	1868	4160	$\frac{1}{52}$	$\frac{51}{416}$	$\frac{1}{5}$	$\frac{365}{832}$	$\Phi_{4160}\ \Phi_{320}\ \Phi_{260}\ \Phi_{130}\ \Phi_{65}\ \Phi_{20}\ \Phi_{10}$
148178	1868	780	$\frac{1}{78}$	$\frac{77}{390}$	$\frac{1}{5}$	$\frac{313}{780}$	$\Phi_{780}^4\ \Phi_{390}\ \Phi_{260}^4\ \Phi_{195}\ \Phi_{156}^4\ \Phi_{130}\ \Phi_{65}\ \Phi_{60}^4\ \Phi_{52}^4\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}\ \Phi_4^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
148179	1868	1410	$\frac{3}{470}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1410}^2\ \Phi_{705}^2\ \Phi_{282}^2\ \Phi_{141}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{6}^2$
148180	1868	2244	$\frac{1}{187}$	$\frac{93}{374}$	$\frac{1}{3}$	$\frac{281}{748}$	$\Phi_{2244}^2\ \Phi_{561}\ \Phi_{204}^2\ \Phi_{132}^2\ \Phi_{51}\ \Phi_{33}\ \Phi_{12}^2$
148181	1868	2360	$\frac{5}{472}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2360}\ \Phi_{1180}\ \Phi_{590}\ \Phi_{295}\ \Phi_{20}\ \Phi_{10}$
148182	1868	3510	$\frac{1}{117}$	$\frac{1}{5}$	$\frac{116}{351}$	$\frac{235}{702}$	$\Phi_{3510}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{390}\ \Phi_{270}\ \Phi_{195}\ \Phi_{130}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
148183	1868	699	$\frac{1}{233}$	$\frac{232}{699}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{699}^3\ \Phi_{233}^2\ \Phi_{3}^4\ \Phi_{1}^4$
148184	1868	1395	$\frac{4}{465}$	$\frac{1}{5}$	$\frac{461}{1395}$	$\frac{1}{3}$	$\Phi_{1395}^2\ \Phi_{279}^2\ \Phi_{45}^2\ \Phi_{15}\ \Phi_{9}^2$
148185	1868	693	$\frac{5}{231}$	$\frac{1}{11}$	$\frac{226}{693}$	$\frac{1}{3}$	$\Phi_{693}^4\ \Phi_{99}^4\ \Phi_{63}^4\ \Phi_{33}\ \Phi_{9}^4$
148186	1868	1377	$\frac{16}{459}$	$\frac{1}{17}$	$\frac{443}{1377}$	$\frac{1}{3}$	$\Phi_{1377}^2\ \Phi_{81}^2\ \Phi_{51}$
148187	1868	969	$\frac{35}{969}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{969}^2\ \Phi_{323}^2\ \Phi_{57}^2\ \Phi_{51}\ \Phi_{19}^2$
148188	1868	957	$\frac{23}{957}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{957}^2\ \Phi_{319}^2\ \Phi_{87}^2\ \Phi_{33}\ \Phi_{29}^2$
148189	1868	660	$\frac{1}{55}$	$\frac{27}{220}$	$\frac{193}{660}$	$\frac{1}{3}$	$\Phi_{660}^2\ \Phi_{330}^2\ \Phi_{220}^4\ \Phi_{165}^3\ \Phi_{132}^2\ \Phi_{110}^4\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{55}^4\ \Phi_{44}^4\ \Phi_{33}^3\ \Phi_{30}^2\ \Phi_{22}^4\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_{6}^2\ \Phi_{5}^4\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
148190	1868	1275	$\frac{1}{85}$	$\frac{84}{425}$	$\frac{341}{1275}$	$\frac{1}{3}$	$\Phi_{1275}\ \Phi_{425}^2\ \Phi_{255}^2\ \Phi_{85}^2\ \Phi_{75}\ \Phi_{51}^2\ \Phi_{25}^2\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
148191	1868	945	$\frac{11}{945}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{9}^2\ \Phi_{7}^2$
148192	1868	1860	$\frac{2}{155}$	$\frac{1}{5}$	$\frac{153}{620}$	$\frac{1}{3}$	$\Phi_{1860}^2\ \Phi_{930}^2\ \Phi_{372}^2\ \Phi_{186}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{6}^2$
148193	1868	1650	$\frac{1}{55}$	$\frac{83}{550}$	$\frac{27}{110}$	$\frac{1}{3}$	$\Phi_{1650}^2\ \Phi_{825}^2\ \Phi_{165}\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{33}\ \Phi_{15}$
148194	1868	1848	$\frac{5}{154}$	$\frac{1}{11}$	$\frac{149}{616}$	$\frac{1}{3}$	$\Phi_{1848}^2\ \Phi_{924}^2\ \Phi_{264}^2\ \Phi_{168}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{12}^2$
148195	1868	612	$\frac{8}{153}$	$\frac{1}{17}$	$\frac{145}{612}$	$\frac{1}{3}$	$\Phi_{612}^4\ \Phi_{306}^4\ \Phi_{204}^4\ \Phi_{102}^4\ \Phi_{68}^4\ \Phi_{51}\ \Phi_{36}^4\ \Phi_{34}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{2}^4$
148196	1868	1452	$\frac{17}{484}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{1452}^2\ \Phi_{726}^2\ \Phi_{363}^2\ \Phi_{132}^2\ \Phi_{33}\ \Phi_{12}^2$
148197	1868	2790	$\frac{2}{93}$	$\frac{91}{558}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2790}\ \Phi_{1395}\ \Phi_{930}\ \Phi_{310}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
148198	1868	3255	$\frac{4}{155}$	$\frac{151}{1085}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3255}\ \Phi_{651}\ \Phi_{105}\ \Phi_{21}\ \Phi_{15}$
148199	1868	480	$\frac{13}{480}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{2}^4$
148200	1868	1155	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{221}{1155}$	$\frac{1}{3}$	$\Phi_{1155}^2\ \Phi_{385}^2\ \Phi_{165}^2\ \Phi_{105}^2\ \Phi_{55}^2\ \Phi_{35}^2\ \Phi_{33}\ \Phi_{15}^2\ \Phi_{5}^2$
148201	1868	510	$\frac{1}{17}$	$\frac{43}{510}$	$\frac{8}{51}$	$\frac{1}{3}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{170}^4\ \Phi_{102}^4\ \Phi_{85}^4\ \Phi_{51}\ \Phi_{34}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{5}^4\ \Phi_{2}^4$
148202	1868	495	$\frac{28}{495}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{3}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{45}^4\ \Phi_{33}\ \Phi_{15}^4\ \Phi_{9}^4\ \Phi_{5}^4$
148203	1868	1617	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{72}{539}$	$\frac{1}{3}$	$\Phi_{1617}^2\ \Phi_{147}^2\ \Phi_{33}$
148204	1868	3003	$\frac{67}{1001}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{3}$	$\Phi_{3003}\ \Phi_{429}\ \Phi_{273}\ \Phi_{39}\ \Phi_{33}$
148205	1868	1071	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{137}{1071}$	$\frac{1}{3}$	$\Phi_{1071}^2\ \Phi_{357}^2\ \Phi_{119}^2\ \Phi_{63}^2\ \Phi_{51}\ \Phi_{21}^2\ \Phi_{7}^2$
148206	1868	528	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{61}{528}$	$\frac{1}{3}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{176}^4\ \Phi_{132}^4\ \Phi_{88}^4\ \Phi_{48}^4\ \Phi_{44}^4\ \Phi_{33}\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_{8}^4\ \Phi_{4}^4$
148207	1868	3480	$\frac{3}{232}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{229}{696}$	$\Phi_{3480}\ \Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
148208	1868	540	$\frac{1}{36}$	$\frac{73}{540}$	$\frac{1}{5}$	$\frac{35}{108}$	$\Phi_{540}^3\ \Phi_{270}^3\ \Phi_{180}^4\ \Phi_{135}^3\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{54}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
148209	1868	3420	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{217}{684}$	$\Phi_{3420}\ \Phi_{1710}\ \Phi_{855}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
148210	1868	2430	$\frac{19}{486}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
148211	1868	3240	$\frac{1}{36}$	$\frac{35}{216}$	$\frac{1}{5}$	$\frac{181}{648}$	$\Phi_{3240}\ \Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
148212	1868	3120	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{51}{208}$	$\frac{157}{624}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{390}\ \Phi_{260}\ \Phi_{240}\ \Phi_{195}\ \Phi_{130}\ \Phi_{120}\ \Phi_{65}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
148213	1868	580	$\frac{3}{116}$	$\frac{113}{580}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{580}^3\ \Phi_{290}^3\ \Phi_{145}^3\ \Phi_{116}^4\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
148214	1868	480	$\frac{13}{480}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{80}^3\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^3\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
148215	1868	2880	$\frac{1}{36}$	$\frac{109}{576}$	$\frac{1}{5}$	$\frac{35}{144}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{180}\ \Phi_{160}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
148216	1868	3060	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{145}{612}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{180}\ \Phi_{170}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
148217	1868	540	$\frac{1}{18}$	$\frac{73}{540}$	$\frac{17}{90}$	$\frac{1}{5}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{90}\ \Phi_{60}^4\ \Phi_{54}^4\ \Phi_{45}\ \Phi_{36}^4\ \Phi_{30}\ \Phi_{27}^4\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}\ \Phi_4^4$
148218	1868	520	$\frac{1}{13}$	$\frac{53}{520}$	$\frac{12}{65}$	$\frac{1}{5}$	$\Phi_{520}^4\ \Phi_{260}^4\ \Phi_{130}^4\ \Phi_{104}^4\ \Phi_{65}\ \Phi_{52}^4\ \Phi_{40}^4\ \Phi_{26}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4$
148219	1868	2520	$\frac{37}{504}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{180}\ \Phi_{140}\ \Phi_{120}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
148220	1868	2640	$\frac{5}{66}$	$\frac{61}{528}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{880}\ \Phi_{660}\ \Phi_{440}\ \Phi_{240}\ \Phi_{220}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
148221	1868	2730	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{79}{546}$	$\frac{1}{5}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{910}\ \Phi_{390}\ \Phi_{210}\ \Phi_{195}\ \Phi_{130}\ \Phi_{105}\ \Phi_{70}\ \Phi_{65}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
148222	1869	3728	$\frac{5}{1864}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1859}{3728}$	$\Phi_{3728}\ \Phi_{16}\ \Phi_8\ \Phi_1$
148223	1869	2484	$\frac{2}{621}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{619}{1242}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{621}\ \Phi_{276}\ \Phi_{207}\ \Phi_{108}\ \Phi_{92}\ \Phi_{69}\ \Phi_{36}\ \Phi_{27}\ \Phi_{23}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
148224	1869	1596	$\frac{1}{266}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{265}{532}$	$\Phi_{798}^2\ \Phi_{532}\ \Phi_{399}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{114}^2\ \Phi_{76}\ \Phi_{57}^2\ \Phi_{42}^2\ \Phi_{38}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{19}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
148225	1869	4788	$\frac{1}{266}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{265}{532}$	$\Phi_{4788}\ \Phi_{684}\ \Phi_{532}\ \Phi_{252}\ \Phi_{76}\ \Phi_{36}\ \Phi_{28}\ \Phi_9\ \Phi_4\ \Phi_1$
148226	1869	832	$\frac{1}{208}$	$\frac{1}{4}$	$\frac{209}{832}$	$\frac{207}{416}$	$\Phi_{832}^3\ \Phi_{208}^3\ \Phi_{104}^3\ \Phi_{64}^3\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{16}^3\ \Phi_{13}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
148227	1869	1240	$\frac{3}{620}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{617}{1240}$	$\Phi_{1240}^3\ \Phi_{248}^3\ \Phi_{40}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
148228	1869	3712	$\frac{13}{1856}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1843}{3712}$	$\Phi_{3712}\ \Phi_{128}\ \Phi_{16}\ \Phi_8\ \Phi_1$
148229	1869	1236	$\frac{5}{618}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{613}{1236}$	$\Phi_{1236}\ \Phi_{618}^2\ \Phi_{412}\ \Phi_{309}^2\ \Phi_{206}^2\ \Phi_{103}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
148230	1869	880	$\frac{1}{88}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{87}{176}$	$\Phi_{880}^4\ \Phi_{176}^5\ \Phi_{80}^4\ \Phi_{40}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
148231	1869	880	$\frac{1}{88}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{87}{176}$	$\Phi_{880}^4\ \Phi_{176}^5\ \Phi_{80}^4\ \Phi_{16}^5\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
148232	1869	176	$\frac{1}{88}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{87}{176}$	$\Phi_{176}^{21}\ \Phi_{16}^{21}\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
148233	1869	4400	$\frac{1}{88}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{87}{176}$	$\Phi_{4400}\ \Phi_{400}\ \Phi_{176}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
148234	1869	2080	$\frac{3}{208}$	$\frac{211}{2080}$	$\frac{1}{4}$	$\frac{205}{416}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}\ \Phi_{160}\ \Phi_{130}\ \Phi_{104}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{16}\ \Phi_{13}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
148235	1869	1224	$\frac{11}{612}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{601}{1224}$	$\Phi_{1224}^3\ \Phi_{408}^3\ \Phi_{136}^3\ \Phi_{72}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
148236	1869	2444	$\frac{12}{611}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{599}{1222}$	$\Phi_{2444}\ \Phi_{611}\ \Phi_{188}\ \Phi_{52}^2\ \Phi_{47}\ \Phi_{26}\ \Phi_{13}\ \Phi_4\ \Phi_1$
148237	1869	96	$\frac{1}{48}$	$\frac{7}{96}$	$\frac{1}{4}$	$\frac{47}{96}$	$\Phi_{96}^{18}\ \Phi_{48}^{21}\ \Phi_{32}^{18}\ \Phi_{24}^{21}\ \Phi_{16}^{21}\ \Phi_{12}^{21}\ \Phi_8^{21}\ \Phi_6^{21}\ \Phi_4^{20}\ \Phi_3^{21}\ \Phi_2^{20}\ \Phi_1^{21}$
148238	1869	1914	$\frac{2}{87}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{1914}\ \Phi_{957}\ \Phi_{638}\ \Phi_{319}\ \Phi_{87}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{29}\ \Phi_{22}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
148239	1869	1216	$\frac{15}{608}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{593}{1216}$	$\Phi_{1216}^3\ \Phi_{64}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
148240	1869	520	$\frac{7}{260}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{253}{520}$	$\Phi_{520}^7\ \Phi_{104}^7\ \Phi_{52}\ \Phi_{40}^7\ \Phi_{26}\ \Phi_{13}\ \Phi_8^7\ \Phi_1$
148241	1869	1320	$\frac{1}{30}$	$\frac{1}{22}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{330}^2\ \Phi_{264}^2\ \Phi_{165}^2\ \Phi_{120}\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{40}\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
148242	1869	1200	$\frac{23}{600}$	$\frac{1}{24}$	$\frac{1}{4}$	$\frac{577}{1200}$	$\Phi_{1200}^3\ \Phi_{400}^3\ \Phi_{240}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
148243	1869	1196	$\frac{1}{26}$	$\frac{25}{598}$	$\frac{1}{4}$	$\frac{573}{1196}$	$\Phi_{1196}\ \Phi_{598}^2\ \Phi_{299}^2\ \Phi_{92}\ \Phi_{52}^3\ \Phi_{46}^2\ \Phi_{26}^3\ \Phi_{23}^2\ \Phi_{13}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
148244	1869	1870	$\frac{1}{22}$	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{81}{170}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{374}\ \Phi_{187}\ \Phi_{110}^2\ \Phi_{85}\ \Phi_{55}^2\ \Phi_{22}\ \Phi_{17}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
148245	1869	1320	$\frac{1}{44}$	$\frac{1}{20}$	$\frac{43}{132}$	$\frac{19}{40}$	$\Phi_{1320}^4\ \Phi_{264}^4\ \Phi_{132}\ \Phi_{120}^4\ \Phi_{66}\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}^4\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
148246	1869	920	$\frac{3}{92}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{920}^4\ \Phi_{184}^4\ \Phi_{92}\ \Phi_{46}\ \Phi_{40}\ \Phi_{23}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
148247	1869	440	$\frac{1}{22}$	$\frac{1}{20}$	$\frac{21}{110}$	$\frac{19}{40}$	$\Phi_{440}^{8}\ \Phi_{110}\ \Phi_{88}^{8}\ \Phi_{55}\ \Phi_{40}^{9}\ \Phi_{10}\ \Phi_{8}^{9}\ \Phi_{5}\ \Phi_{1}$
148248	1869	480	$\frac{1}{20}$	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{19}{40}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{4}\ \Phi_{120}^{4}\ \Phi_{96}^{5}\ \Phi_{80}^{4}\ \Phi_{60}^{4}\ \Phi_{48}^{5}\ \Phi_{40}\ \Phi_{32}^{5}\ \Phi_{30}^{4}\ \Phi_{24}^{5}\ \Phi_{16}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{8}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}$
148249	1869	3960	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{19}{40}$	$\Phi_{3960}\ \Phi_{1320}\ \Phi_{792}\ \Phi_{360}\ \Phi_{264}\ \Phi_{120}\ \Phi_{99}\ \Phi_{72}\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
148250	1869	1188	$\frac{1}{22}$	$\frac{1}{18}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{1188}^{2}\ \Phi_{594}^{2}\ \Phi_{297}^{2}\ \Phi_{198}^{2}\ \Phi_{108}\ \Phi_{99}^{2}\ \Phi_{66}^{2}\ \Phi_{54}\ \Phi_{33}^{2}\ \Phi_{27}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
148251	1869	3536	$\frac{3}{104}$	$\frac{101}{1768}$	$\frac{1}{4}$	$\frac{1667}{3536}$	$\Phi_{3536}\ \Phi_{272}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
148252	1869	1848	$\frac{1}{22}$	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{79}{168}$	$\Phi_{1848}^{2}\ \Phi_{616}^{2}\ \Phi_{264}^{2}\ \Phi_{168}\ \Phi_{88}^{2}\ \Phi_{66}^{2}\ \Phi_{56}\ \Phi_{33}^{2}\ \Phi_{24}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
148253	1869	640	$\frac{17}{640}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{128}^{3}\ \Phi_{80}^{3}\ \Phi_{64}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148254	1869	2340	$\frac{1}{39}$	$\frac{38}{585}$	$\frac{1}{4}$	$\frac{547}{1170}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{585}\ \Phi_{468}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{156}^{2}\ \Phi_{117}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}^{2}\ \Phi_{45}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
148255	1869	1152	$\frac{1}{48}$	$\frac{47}{576}$	$\frac{1}{4}$	$\frac{529}{1152}$	$\Phi_{1152}^{3}\ \Phi_{384}^{3}\ \Phi_{128}^{3}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148256	1869	1144	$\frac{1}{52}$	$\frac{51}{572}$	$\frac{1}{4}$	$\frac{521}{1144}$	$\Phi_{1144}^{3}\ \Phi_{104}^{3}\ \Phi_{88}^{3}\ \Phi_{52}^{3}\ \Phi_{26}^{3}\ \Phi_{13}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148257	1869	1782	$\frac{1}{22}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{162}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{81}\ \Phi_{66}^{2}\ \Phi_{33}^{2}\ \Phi_{27}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
148258	1869	1100	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{9}{20}$	$\Phi_{1100}^{2}\ \Phi_{550}^{2}\ \Phi_{275}^{2}\ \Phi_{110}^{2}\ \Phi_{100}\ \Phi_{55}^{2}\ \Phi_{50}\ \Phi_{25}\ \Phi_{22}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
148259	1869	1760	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{160}$	$\Phi_{1760}^{2}\ \Phi_{352}^{2}\ \Phi_{160}\ \Phi_{110}^{2}\ \Phi_{55}^{2}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
148260	1869	3328	$\frac{3}{208}$	$\frac{205}{1664}$	$\frac{1}{4}$	$\frac{1459}{3328}$	$\Phi_{3328}\ \Phi_{256}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
148261	1869	156	$\frac{1}{78}$	$\frac{11}{78}$	$\frac{1}{4}$	$\frac{67}{156}$	$\Phi_{156}^{9}\ \Phi_{78}^{15}\ \Phi_{52}^{9}\ \Phi_{39}^{15}\ \Phi_{26}^{15}\ \Phi_{13}^{15}\ \Phi_{12}^{9}\ \Phi_{6}^{15}\ \Phi_{4}^{8}\ \Phi_{3}^{15}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
148262	1869	1596	$\frac{1}{133}$	$\frac{1}{6}$	$\frac{44}{133}$	$\frac{5}{12}$	$\Phi_{1596}^{2}\ \Phi_{532}^{2}\ \Phi_{228}^{2}\ \Phi_{133}^{2}\ \Phi_{84}^{2}\ \Phi_{76}^{2}\ \Phi_{28}^{2}\ \Phi_{19}^{2}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
148263	1869	180	$\frac{1}{90}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{180}^{8}\ \Phi_{90}^{13}\ \Phi_{60}^{8}\ \Phi_{45}^{13}\ \Phi_{36}^{8}\ \Phi_{30}^{13}\ \Phi_{20}^{8}\ \Phi_{18}^{13}\ \Phi_{15}^{13}\ \Phi_{12}^{7}\ \Phi_{10}^{13}\ \Phi_{9}^{13}\ \Phi_{6}^{11}\ \Phi_{5}^{13}\ \Phi_{4}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
148264	1869	1092	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1092}^{3}\ \Phi_{364}^{3}\ \Phi_{156}^{3}\ \Phi_{91}^{3}\ \Phi_{84}^{2}\ \Phi_{52}^{3}\ \Phi_{28}^{2}\ \Phi_{13}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
148265	1869	912	$\frac{1}{38}$	$\frac{37}{304}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{912}^{2}\ \Phi_{456}^{2}\ \Phi_{304}^{3}\ \Phi_{152}^{3}\ \Phi_{114}^{2}\ \Phi_{76}\ \Phi_{57}^{2}\ \Phi_{48}^{2}\ \Phi_{38}^{2}\ \Phi_{24}^{2}\ \Phi_{19}^{2}\ \Phi_{16}^{3}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148266	1869	1056	$\frac{1}{22}$	$\frac{7}{96}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1056}^{2}\ \Phi_{528}^{2}\ \Phi_{352}^{2}\ \Phi_{264}^{2}\ \Phi_{176}^{2}\ \Phi_{96}\ \Phi_{88}^{2}\ \Phi_{66}^{2}\ \Phi_{48}\ \Phi_{33}^{2}\ \Phi_{32}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
148267	1869	840	$\frac{13}{280}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{3}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{140}^{3}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{70}^{3}\ \Phi_{60}^{2}\ \Phi_{56}^{3}\ \Phi_{42}^{2}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{30}^{2}\ \Phi_{28}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148268	1869	1140	$\frac{1}{19}$	$\frac{6}{95}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1140}^{3}\ \Phi_{380}^{3}\ \Phi_{228}^{2}\ \Phi_{95}^{3}\ \Phi_{76}^{2}\ \Phi_{60}^{3}\ \Phi_{20}^{3}\ \Phi_{19}^{2}\ \Phi_{12}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
148269	1869	1650	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{61}{150}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{330}^{2}\ \Phi_{275}\ \Phi_{165}^{2}\ \Phi_{110}^{2}\ \Phi_{75}\ \Phi_{66}^{2}\ \Phi_{55}^{2}\ \Phi_{33}^{2}\ \Phi_{30}\ \Phi_{25}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
148270	1869	1888	$\frac{19}{1888}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1888}\ \Phi_{944}\ \Phi_{472}\ \Phi_{236}\ \Phi_{118}\ \Phi_{59}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
148271	1869	1040	$\frac{1}{104}$	$\frac{103}{520}$	$\frac{1}{4}$	$\frac{417}{1040}$	$\Phi_{1040}^{3}\ \Phi_{208}^{3}\ \Phi_{104}^{3}\ \Phi_{80}^{3}\ \Phi_{52}^{3}\ \Phi_{26}^{3}\ \Phi_{16}^{3}\ \Phi_{13}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148272	1869	1584	$\frac{1}{22}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{55}{144}$	$\Phi_{1584}^{2}\ \Phi_{528}^{2}\ \Phi_{198}^{2}\ \Phi_{176}^{2}\ \Phi_{144}\ \Phi_{99}^{2}\ \Phi_{66}^{2}\ \Phi_{48}\ \Phi_{33}^{2}\ \Phi_{22}\ \Phi_{18}\ \Phi_{16}\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
148273	1869	272	$\frac{5}{272}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{272}^{7}\ \Phi_{136}^{7}\ \Phi_{68}^{7}\ \Phi_{34}^{7}\ \Phi_{17}^{7}\ \Phi_{16}^{7}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148274	1869	536	$\frac{1}{67}$	$\frac{1}{8}$	$\frac{22}{67}$	$\frac{45}{134}$	$\Phi_{536}^{4}\ \Phi_{268}^{4}\ \Phi_{134}\ \Phi_{67}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
148275	1869	936	$\frac{1}{156}$	$\frac{1}{4}$	$\frac{155}{468}$	$\frac{313}{936}$	$\Phi_{936}^{3}\ \Phi_{312}^{3}\ \Phi_{156}^{3}\ \Phi_{104}^{3}\ \Phi_{78}^{3}\ \Phi_{72}^{3}\ \Phi_{52}^{3}\ \Phi_{39}^{3}\ \Phi_{26}^{3}\ \Phi_{24}^{3}\ \Phi_{13}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148276	1869	1197	$\frac{1}{133}$	$\frac{2}{9}$	$\frac{44}{133}$	$\frac{1}{3}$	$\Phi_{1197}^{2}\ \Phi_{171}^{2}\ \Phi_{133}^{2}\ \Phi_{63}^{2}\ \Phi_{19}^{2}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
148277	1869	828	$\frac{2}{207}$	$\frac{205}{828}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{828}^{2}\ \Phi_{414}^{2}\ \Phi_{276}^{2}\ \Phi_{207}^{3}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{69}^{3}\ \Phi_{46}^{2}\ \Phi_{36}^{2}\ \Phi_{23}^{3}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
148278	1869	180	$\frac{1}{90}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^{14}\ \Phi_{90}^{7}\ \Phi_{60}^{14}\ \Phi_{45}^{7}\ \Phi_{36}^{13}\ \Phi_{30}^{7}\ \Phi_{20}^{14}\ \Phi_{18}^{6}\ \Phi_{15}^{7}\ \Phi_{12}^{14}\ \Phi_{10}^{7}\ \Phi_{9}^{7}\ \Phi_{6}^{7}\ \Phi_{5}^{7}\ \Phi_{4}^{13}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
148279	1869	1380	$\frac{2}{69}$	$\frac{67}{690}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1380}^{2}\ \Phi_{690}\ \Phi_{460}^{2}\ \Phi_{345}\ \Phi_{276}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}\ \Phi_{69}\ \Phi_{60}^{2}\ \Phi_{30}\ \Phi_{23}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
148280	1869	648	$\frac{25}{648}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{648}^{3}\ \Phi_{324}^{3}\ \Phi_{216}^{3}\ \Phi_{162}^{3}\ \Phi_{108}^{2}\ \Phi_{81}^{3}\ \Phi_{72}^{3}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148281	1869	819	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{819}^{3}\ \Phi_{117}^{3}\ \Phi_{91}^{3}\ \Phi_{63}^{2}\ \Phi_{13}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
148282	1869	2736	$\frac{1}{38}$	$\frac{37}{304}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2736}\ \Phi_{1368}\ \Phi_{684}\ \Phi_{304}\ \Phi_{152}\ \Phi_{144}\ \Phi_{76}\ \Phi_{72}\ \Phi_{36}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
148283	1869	2520	$\frac{13}{280}$	$\frac{1}{14}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{90}\ \Phi_{72}\ \Phi_{70}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
148284	1869	855	$\frac{1}{19}$	$\frac{6}{95}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{855}^{3}\ \Phi_{171}^{2}\ \Phi_{95}^{3}\ \Phi_{45}^{3}\ \Phi_{19}^{2}\ \Phi_{9}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
148285	1869	928	$\frac{13}{928}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{305}{928}$	$\Phi_{928}^{2}\ \Phi_{464}^{2}\ \Phi_{232}^{2}\ \Phi_{116}^{2}\ \Phi_{58}^{2}\ \Phi_{32}^{2}\ \Phi_{29}^{2}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148286	1869	720	$\frac{1}{48}$	$\frac{97}{720}$	$\frac{1}{4}$	$\frac{47}{144}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{3}\ \Phi_{180}^{3}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{80}^{3}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{45}^{3}\ \Phi_{40}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148287	1869	660	$\frac{1}{44}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{43}{132}$	$\Phi_{660}^{4}\ \Phi_{330}^{4}\ \Phi_{165}^{4}\ \Phi_{132}^{5}\ \Phi_{66}^{5}\ \Phi_{60}^{4}\ \Phi_{33}^{5}\ \Phi_{30}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_{6}^{5}\ \Phi_{5}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148288	1869	264	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{43}{132}$	$\Phi_{264}^{12}\ \Phi_{132}^{9}\ \Phi_{66}^{9}\ \Phi_{33}^{9}\ \Phi_{24}^{12}\ \Phi_{12}^{9}\ \Phi_{8}^{3}\ \Phi_{6}^{9}\ \Phi_{4}^{2}\ \Phi_{3}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148289	1869	3300	$\frac{1}{44}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{43}{132}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{825}\ \Phi_{300}\ \Phi_{150}\ \Phi_{132}\ \Phi_{75}\ \Phi_{66}\ \Phi_{33}\ \Phi_{25}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
148290	1869	1404	$\frac{1}{39}$	$\frac{79}{702}$	$\frac{1}{4}$	$\frac{38}{117}$	$\Phi_{1404}^{2}\ \Phi_{702}\ \Phi_{468}\ \Phi_{351}\ \Phi_{156}^{2}\ \Phi_{117}\ \Phi_{108}^{2}\ \Phi_{78}\ \Phi_{54}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{36}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
148291	1869	912	$\frac{15}{304}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{289}{912}$	$\Phi_{912}^{3}\ \Phi_{456}^{3}\ \Phi_{228}^{3}\ \Phi_{114}^{3}\ \Phi_{57}^{3}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148292	1869	648	$\frac{25}{648}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{648}^{3}\ \Phi_{324}^{3}\ \Phi_{216}^{3}\ \Phi_{162}^{3}\ \Phi_{108}^{3}\ \Phi_{81}^{3}\ \Phi_{72}^{3}\ \Phi_{54}^{3}\ \Phi_{27}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148293	1869	460	$\frac{3}{92}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{460}^{4}\ \Phi_{230}^{4}\ \Phi_{115}^{4}\ \Phi_{92}^{5}\ \Phi_{46}^{5}\ \Phi_{23}^{5}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148294	1869	110	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{21}{110}$	$\frac{3}{10}$	$\Phi_{110}^{17}\ \Phi_{55}^{17}\ \Phi_{22}^{16}\ \Phi_{11}^{16}\ \Phi_{10}^{19}\ \Phi_{5}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
148295	1869	480	$\frac{7}{96}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{10}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{4}\ \Phi_{120}^{4}\ \Phi_{96}^{5}\ \Phi_{80}^{4}\ \Phi_{60}^{4}\ \Phi_{48}^{5}\ \Phi_{32}^{5}\ \Phi_{30}^{4}\ \Phi_{24}^{5}\ \Phi_{16}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_{6}^{5}\ \Phi_{5}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148296	1869	990	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{10}{99}$	$\frac{3}{10}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{330}^{2}\ \Phi_{198}^{2}\ \Phi_{165}^{2}\ \Phi_{99}^{3}\ \Phi_{90}^{2}\ \Phi_{66}^{2}\ \Phi_{45}^{2}\ \Phi_{33}^{3}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148297	1869	1188	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{1188}^{2}\ \Phi_{594}\ \Phi_{396}^{2}\ \Phi_{297}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{108}\ \Phi_{99}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{36}\ \Phi_{33}^{2}\ \Phi_{27}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
148298	1869	1386	$\frac{1}{22}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{126}$	$\Phi_{1386}^{2}\ \Phi_{693}^{2}\ \Phi_{198}^{2}\ \Phi_{126}\ \Phi_{99}^{2}\ \Phi_{66}^{2}\ \Phi_{63}\ \Phi_{33}^{2}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
148299	1869	864	$\frac{1}{48}$	$\frac{47}{288}$	$\frac{1}{4}$	$\frac{241}{864}$	$\Phi_{864}^{3}\ \Phi_{432}^{3}\ \Phi_{216}^{3}\ \Phi_{108}^{3}\ \Phi_{54}^{3}\ \Phi_{48}^{3}\ \Phi_{27}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148300	1869	1320	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{264}^{2}\ \Phi_{165}^{2}\ \Phi_{132}^{2}\ \Phi_{120}\ \Phi_{110}^{2}\ \Phi_{66}^{2}\ \Phi_{60}\ \Phi_{55}^{2}\ \Phi_{33}^{2}\ \Phi_{30}\ \Phi_{24}\ \Phi_{22}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
148301	1869	832	$\frac{3}{208}$	$\frac{205}{832}$	$\frac{1}{4}$	$\frac{209}{832}$	$\Phi_{832}^{2}\ \Phi_{416}^{2}\ \Phi_{208}^{3}\ \Phi_{104}^{3}\ \Phi_{64}^{2}\ \Phi_{52}^{3}\ \Phi_{32}^{2}\ \Phi_{26}^{3}\ \Phi_{16}^{3}\ \Phi_{13}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148302	1869	744	$\frac{3}{124}$	$\frac{121}{744}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{744}^{3}\ \Phi_{372}^{3}\ \Phi_{248}^{3}\ \Phi_{186}^{3}\ \Phi_{93}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148303	1869	640	$\frac{17}{640}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{128}^{3}\ \Phi_{80}^{3}\ \Phi_{64}^{3}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148304	1869	184	$\frac{3}{92}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{184}^{12}\ \Phi_{92}^{9}\ \Phi_{46}^{9}\ \Phi_{23}^{9}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148305	1869	768	$\frac{1}{48}$	$\frac{145}{768}$	$\frac{47}{192}$	$\frac{1}{4}$	$\Phi_{768}^{3}\ \Phi_{384}^{3}\ \Phi_{256}^{3}\ \Phi_{128}^{3}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148306	1869	352	$\frac{3}{88}$	$\frac{1}{8}$	$\frac{85}{352}$	$\frac{1}{4}$	$\Phi_{352}^{7}\ \Phi_{176}^{7}\ \Phi_{32}^{7}\ \Phi_{16}^{7}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
148307	1869	816	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{193}{816}$	$\frac{1}{4}$	$\Phi_{816}^{3}\ \Phi_{408}^{3}\ \Phi_{272}^{3}\ \Phi_{136}^{3}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148308	1869	640	$\frac{17}{640}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{128}^{3}\ \Phi_{80}^{3}\ \Phi_{64}^{2}\ \Phi_{40}^{3}\ \Phi_{32}^{2}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148309	1869	780	$\frac{1}{39}$	$\frac{38}{195}$	$\frac{157}{780}$	$\frac{1}{4}$	$\Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}^{3}\ \Phi_{156}^{3}\ \Phi_{130}^{2}\ \Phi_{78}^{3}\ \Phi_{65}^{3}\ \Phi_{60}^{2}\ \Phi_{52}^{3}\ \Phi_{39}^{3}\ \Phi_{30}^{2}\ \Phi_{26}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{13}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148310	1869	2300	$\frac{3}{92}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2300}\ \Phi_{1150}\ \Phi_{575}\ \Phi_{92}\ \Phi_{46}\ \Phi_{25}\ \Phi_{23}\ \Phi_{1}$
148311	1869	2320	$\frac{13}{464}$	$\frac{3}{16}$	$\frac{451}{2320}$	$\frac{1}{4}$	$\Phi_{2320}\ \Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{145}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
148312	1869	720	$\frac{1}{24}$	$\frac{97}{720}$	$\frac{23}{120}$	$\frac{1}{4}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{3}\ \Phi_{180}^{3}\ \Phi_{144}^{3}\ \Phi_{90}^{3}\ \Phi_{80}^{3}\ \Phi_{72}^{3}\ \Phi_{48}^{3}\ \Phi_{45}^{3}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148313	1869	440	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{21}{110}$	$\frac{1}{4}$	$\Phi_{440}^{6}\ \Phi_{220}^{4}\ \Phi_{110}^{5}\ \Phi_{55}^{5}\ \Phi_{40}^{6}\ \Phi_{20}^{4}\ \Phi_{10}^{5}\ \Phi_{8}^{3}\ \Phi_{5}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148314	1869	2080	$\frac{3}{52}$	$\frac{211}{2080}$	$\frac{49}{260}$	$\frac{1}{4}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{208}\ \Phi_{160}\ \Phi_{104}\ \Phi_{80}\ \Phi_{52}\ \Phi_{40}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
148315	1869	104	$\frac{3}{52}$	$\frac{7}{52}$	$\frac{15}{104}$	$\frac{1}{4}$	$\Phi_{104}^{21}\ \Phi_{52}^{15}\ \Phi_{26}^{15}\ \Phi_{13}^{15}\ \Phi_{8}^{21}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
148316	1869	616	$\frac{3}{44}$	$\frac{1}{8}$	$\frac{41}{308}$	$\frac{1}{4}$	$\Phi_{616}^{4}\ \Phi_{308}^{3}\ \Phi_{154}^{3}\ \Phi_{77}^{3}\ \Phi_{56}^{4}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148317	1869	96	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{96}^{21}\ \Phi_{48}^{21}\ \Phi_{32}^{21}\ \Phi_{24}^{21}\ \Phi_{16}^{21}\ \Phi_{12}^{21}\ \Phi_{8}^{3}\ \Phi_{6}^{21}\ \Phi_{4}^{2}\ \Phi_{3}^{21}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148318	1869	704	$\frac{7}{88}$	$\frac{81}{704}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{704}^{3}\ \Phi_{352}^{3}\ \Phi_{176}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148319	1869	792	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{792}^{3}\ \Phi_{396}^{2}\ \Phi_{264}^{3}\ \Phi_{198}^{2}\ \Phi_{132}^{2}\ \Phi_{99}^{3}\ \Phi_{72}^{3}\ \Phi_{66}^{2}\ \Phi_{36}^{2}\ \Phi_{33}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
148320	1869	550	$\frac{1}{22}$	$\frac{4}{25}$	$\frac{21}{110}$	$\frac{1}{5}$	$\Phi_{550}^{4}\ \Phi_{275}^{4}\ \Phi_{110}\ \Phi_{55}\ \Phi_{50}^{4}\ \Phi_{25}^{5}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
148321	1869	2400	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{150}\ \Phi_{96}\ \Phi_{75}\ \Phi_{48}\ \Phi_{32}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
148322	1869	2475	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{2475}\ \Phi_{825}\ \Phi_{225}\ \Phi_{99}\ \Phi_{75}\ \Phi_{33}\ \Phi_{25}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
148323	1870	1866	$\frac{2}{933}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{931}{1866}$	$\Phi_{1866}^{2}\ \Phi_{622}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
148324	1870	2984	$\frac{1}{373}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{186}{373}$	$\Phi_{2984}\ \Phi_{373}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
148325	1870	1248	$\frac{1}{312}$	$\frac{313}{1248}$	$\frac{1}{3}$	$\frac{311}{624}$	$\Phi_{1248}^{2}\ \Phi_{416}^{2}\ \Phi_{312}^{2}\ \Phi_{156}^{2}\ \Phi_{104}^{2}\ \Phi_{96}^{2}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{39}^{2}\ \Phi_{32}^{2}\ \Phi_{26}^{2}\ \Phi_{24}^{2}\ \Phi_{13}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
148326	1870	5592	$\frac{3}{932}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{929}{1864}$	$\Phi_{5592}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
148327	1870	1602	$\frac{1}{267}$	$\frac{134}{801}$	$\frac{667}{1602}$	$\frac{133}{267}$	$\Phi_{1602}^{2}\ \Phi_{534}^{2}\ \Phi_{267}\ \Phi_{178}^{2}\ \Phi_{89}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
148328	1870	1863	$\frac{7}{1863}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{928}{1863}$	$\Phi_{1863}\ \Phi_{621}\ \Phi_{207}\ \Phi_{81}\ \Phi_{69}\ \Phi_{27}\ \Phi_{23}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
148329	1870	1862	$\frac{4}{931}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{927}{1862}$	$\Phi_{1862}^{2}\ \Phi_{266}^{2}\ \Phi_{98}^{2}\ \Phi_{38}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
148330	1870	1116	$\frac{1}{186}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{185}{372}$	$\Phi_{1116}^{3}\ \Phi_{372}^{4}\ \Phi_{124}^{4}\ \Phi_{36}^{3}\ \Phi_{12}^{4}\ \Phi_{9}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
148331	1870	372	$\frac{1}{186}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{185}{372}$	$\Phi_{372}^{10}\ \Phi_{124}^{10}\ \Phi_{12}^{10}\ \Phi_{6}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
148332	1870	3380	$\frac{1}{169}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{84}{169}$	$\Phi_{3380}\ \Phi_{676}\ \Phi_{260}\ \Phi_{169}\ \Phi_{52}\ \Phi_{20}^{2}\ \Phi_{13}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
148333	1870	2535	$\frac{1}{169}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{84}{169}$	$\Phi_{2535}\ \Phi_{507}\ \Phi_{195}\ \Phi_{169}\ \Phi_{39}\ \Phi_{15}^{2}\ \Phi_{13}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
148334	1870	5568	$\frac{7}{928}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{921}{1856}$	$\Phi_{5568}\ \Phi_{192}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
148335	1870	750	$\frac{1}{125}$	$\frac{1}{6}$	$\frac{63}{250}$	$\frac{62}{125}$	$\Phi_{750}^{3}\ \Phi_{375}^{3}\ \Phi_{250}\ \Phi_{150}^{3}\ \Phi_{125}^{2}\ \Phi_{75}^{3}\ \Phi_{50}\ \Phi_{30}^{3}\ \Phi_{25}^{2}\ \Phi_{15}^{3}\ \Phi_{10}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
148336	1870	371	$\frac{3}{371}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{184}{371}$	$\Phi_{371}^{5}\ \Phi_{53}^{5}\ \Phi_{7}^{7}\ \Phi_{1}^{8}$
148337	1870	1854	$\frac{8}{927}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{919}{1854}$	$\Phi_{1854}^{2}\ \Phi_{618}^{2}\ \Phi_{206}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
148338	1870	3488	$\frac{1}{109}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{54}{109}$	$\Phi_{3488}\ \Phi_{109}\ \Phi_{32}^{2}\ \Phi_{1}^{2}$
148339	1870	2616	$\frac{1}{109}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{54}{109}$	$\Phi_{2616}\ \Phi_{1308}\ \Phi_{654}\ \Phi_{327}\ \Phi_{109}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
148340	1870	2180	$\frac{1}{109}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{54}{109}$	$\Phi_{2180}\ \Phi_{1090}\ \Phi_{545}\ \Phi_{109}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
148341	1870	624	$\frac{1}{104}$	$\frac{21}{208}$	$\frac{1}{3}$	$\frac{103}{208}$	$\Phi_{624}^{4}\ \Phi_{312}^{5}\ \Phi_{156}^{5}\ \Phi_{78}^{5}\ \Phi_{48}^{4}\ \Phi_{39}^{5}\ \Phi_{24}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
148342	1870	1110	$\frac{2}{185}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{183}{370}$	$\Phi_{1110}^2\ \Phi_{555}^2\ \Phi_{222}^2\ \Phi_{185}^2\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
148343	1870	356	$\frac{1}{89}$	$\frac{9}{178}$	$\frac{169}{356}$	$\frac{44}{89}$	$\Phi_{356}^{10}\ \Phi_{89}\ \Phi_4^{10}\ \Phi_1^2$
148344	1870	267	$\frac{1}{89}$	$\frac{9}{89}$	$\frac{80}{267}$	$\frac{44}{89}$	$\Phi_{267}^{10}\ \Phi_{89}\ \Phi_3^{10}\ \Phi_1^2$
148345	1870	1068	$\frac{1}{89}$	$\frac{133}{1068}$	$\frac{45}{178}$	$\frac{44}{89}$	$\Phi_{1068}^2\ \Phi_{534}^2\ \Phi_{356}^2\ \Phi_{267}^2\ \Phi_{89}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
148346	1870	168	$\frac{1}{84}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{83}{168}$	$\Phi_{168}^{22}\ \Phi_{56}^{22}\ \Phi_{24}^{22}\ \Phi_{21}\ \Phi_8^{22}\ \Phi_7\ \Phi_3\ \Phi_1^2$
148347	1870	168	$\frac{1}{84}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{83}{168}$	$\Phi_{168}^{22}\ \Phi_{56}^{22}\ \Phi_{24}^{22}\ \Phi_{12}^2\ \Phi_8^{22}\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
148348	1870	168	$\frac{1}{84}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{83}{168}$	$\Phi_{168}^{22}\ \Phi_{56}^{22}\ \Phi_{24}^{22}\ \Phi_{14}^2\ \Phi_8^{22}\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
148349	1870	5538	$\frac{12}{923}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{911}{1846}$	$\Phi_{5538}\ \Phi_{426}\ \Phi_{78}\ \Phi_{39}\ \Phi_6$
148350	1870	450	$\frac{1}{75}$	$\frac{1}{6}$	$\frac{38}{225}$	$\frac{37}{75}$	$\Phi_{450}^6\ \Phi_{225}^4\ \Phi_{150}^3\ \Phi_{90}^6\ \Phi_{75}^2\ \Phi_{50}^3\ \Phi_{45}^4\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{18}^6\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_9^4\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
148351	1870	1008	$\frac{1}{72}$	$\frac{73}{1008}$	$\frac{1}{3}$	$\frac{71}{144}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
148352	1870	4048	$\frac{3}{184}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{181}{368}$	$\Phi_{4048}\ \Phi_{176}\ \Phi_{44}\ \Phi_{22}$
148353	1870	228	$\frac{1}{57}$	$\frac{1}{12}$	$\frac{29}{114}$	$\frac{28}{57}$	$\Phi_{228}^9\ \Phi_{114}^7\ \Phi_{76}^9\ \Phi_{57}^8\ \Phi_{38}^7\ \Phi_{19}^8\ \Phi_{12}^8\ \Phi_6^6\ \Phi_4^8\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
148354	1870	1188	$\frac{1}{54}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{53}{108}$	$\Phi_{1188}^3\ \Phi_{396}^3\ \Phi_{132}^3\ \Phi_{108}^4\ \Phi_{44}^3\ \Phi_{36}^4\ \Phi_{33}\ \Phi_{12}^4\ \Phi_{11}\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
148355	1870	108	$\frac{1}{54}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{53}{108}$	$\Phi_{108}^{34}\ \Phi_{36}^{34}\ \Phi_{18}^2\ \Phi_{12}^{34}\ \Phi_9^2\ \Phi_6^2\ \Phi_4^{34}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
148356	1870	1188	$\frac{1}{54}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{53}{108}$	$\Phi_{1188}^3\ \Phi_{396}^3\ \Phi_{132}^3\ \Phi_{108}^4\ \Phi_{44}^3\ \Phi_{36}^4\ \Phi_{22}^2\ \Phi_{12}^4\ \Phi_{11}\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
148357	1870	1833	$\frac{37}{1833}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{898}{1833}$	$\Phi_{1833}\ \Phi_{611}\ \Phi_{141}\ \Phi_{47}\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
148358	1870	1827	$\frac{43}{1827}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{892}{1827}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{261}\ \Phi_{203}\ \Phi_{87}\ \Phi_{63}^2\ \Phi_{29}\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
148359	1870	1824	$\frac{23}{912}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{889}{1824}$	$\Phi_{1824}^2\ \Phi_{608}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
148360	1870	666	$\frac{1}{37}$	$\frac{1}{18}$	$\frac{19}{74}$	$\frac{18}{37}$	$\Phi_{666}^3\ \Phi_{333}^3\ \Phi_{222}^3\ \Phi_{111}^3\ \Phi_{74}\ \Phi_{37}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
148361	1870	1092	$\frac{5}{182}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{177}{364}$	$\Phi_{1092}^5\ \Phi_{156}^5\ \Phi_{84}^5\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}^5\ \Phi_6$
148362	1870	627	$\frac{1}{33}$	$\frac{2}{57}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{627}^3\ \Phi_{209}^3\ \Phi_{57}^4\ \Phi_{33}\ \Phi_{19}^4\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
148363	1870	891	$\frac{1}{33}$	$\frac{1}{27}$	$\frac{26}{81}$	$\frac{16}{33}$	$\Phi_{891}^3\ \Phi_{81}^4\ \Phi_{33}\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
148364	1870	792	$\frac{1}{33}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{16}{33}$	$\Phi_{792}^3\ \Phi_{396}^3\ \Phi_{264}^3\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{72}^4\ \Phi_{44}^3\ \Phi_{36}^4\ \Phi_{33}\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_{11}\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
148365	1870	297	$\frac{1}{33}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{16}{33}$	$\Phi_{297}^6\ \Phi_{99}^6\ \Phi_{33}^7\ \Phi_{27}^8\ \Phi_{11}^7\ \Phi_9^8\ \Phi_3^9\ \Phi_1^{10}$
148366	1870	132	$\frac{1}{33}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{16}{33}$	$\Phi_{132}^{15}\ \Phi_{66}^{12}\ \Phi_{44}^{15}\ \Phi_{33}^{13}\ \Phi_{22}^{12}\ \Phi_{12}^{20}\ \Phi_{11}^{13}\ \Phi_6^{16}\ \Phi_4^{20}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
148367	1870	693	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{16}{33}$	$\Phi_{693}^3\ \Phi_{231}^3\ \Phi_{77}^3\ \Phi_{63}^4\ \Phi_{33}\ \Phi_{21}^4\ \Phi_{11}\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
148368	1870	252	$\frac{2}{63}$	$\frac{1}{21}$	$\frac{65}{252}$	$\frac{61}{126}$	$\Phi_{252}^{10}\ \Phi_{84}^{10}\ \Phi_{63}^{10}\ \Phi_{36}^{10}\ \Phi_{28}^{10}\ \Phi_{21}^9\ \Phi_{12}^{10}\ \Phi_9^{10}\ \Phi_7^9\ \Phi_4^{10}\ \Phi_3^9\ \Phi_1^{10}$
148369	1870	360	$\frac{1}{36}$	$\frac{7}{180}$	$\frac{1}{3}$	$\frac{173}{360}$	$\Phi_{360}^{10}\ \Phi_{120}^{10}\ \Phi_{72}^{10}\ \Phi_{40}^{10}\ \Phi_{36}^2\ \Phi_{24}^{10}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^{10}\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
148370	1870	360	$\frac{7}{180}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{173}{360}$	$\Phi_{360}^{10}\ \Phi_{120}^{10}\ \Phi_{72}^{10}\ \Phi_{40}^{10}\ \Phi_{30}^3\ \Phi_{24}^{10}\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_8^{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
148371	1870	600	$\frac{1}{25}$	$\frac{13}{200}$	$\frac{1}{6}$	$\frac{12}{25}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{200}^2\ \Phi_{150}^3\ \Phi_{120}^4\ \Phi_{100}^2\ \Phi_{75}^3\ \Phi_{60}^4\ \Phi_{50}\ \Phi_{40}^2\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{24}^4\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_{10}\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
148372	1870	192	$\frac{5}{192}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{192}^{10}\ \Phi_{96}^{10}\ \Phi_{64}^{10}\ \Phi_{48}^8\ \Phi_{32}^{10}\ \Phi_{24}^{10}\ \Phi_{16}^8\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
148373	1870	1794	$\frac{1}{39}$	$\frac{38}{897}$	$\frac{1}{3}$	$\frac{859}{1794}$	$\Phi_{1794}^2\ \Phi_{598}^2\ \Phi_{138}^2\ \Phi_{78}^2\ \Phi_{46}^2\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
148374	1870	609	$\frac{2}{87}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{609}^3\ \Phi_{203}^3\ \Phi_{87}^4\ \Phi_{29}^4\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
148375	1870	126	$\frac{1}{42}$	$\frac{1}{21}$	$\frac{41}{126}$	$\frac{10}{21}$	$\Phi_{126}^{22}\ \Phi_{63}^{22}\ \Phi_{21}\ \Phi_{18}^{22}\ \Phi_9^{22}\ \Phi_7\ \Phi_3\ \Phi_1^2$
148376	1870	966	$\frac{31}{966}$	$\frac{1}{21}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
148377	1870	1848	$\frac{3}{88}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{77}\ \Phi_{66}\ \Phi_{56}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{11}^2\ \Phi_8^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
148378	1870	336	$\frac{1}{28}$	$\frac{1}{21}$	$\frac{27}{112}$	$\frac{10}{21}$	$\Phi_{336}^7\ \Phi_{168}^7\ \Phi_{112}^8\ \Phi_{56}^8\ \Phi_{48}^7\ \Phi_{24}^7\ \Phi_{21}\ \Phi_{16}^8\ \Phi_8^8\ \Phi_7\ \Phi_3\ \Phi_1^2$
148379	1870	21	$\frac{1}{21}$	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{10}{21}$	$\Phi_{21}^{89}\ \Phi_7^{89}\ \Phi_3^{89}\ \Phi_1^{90}$
148380	1870	126	$\frac{1}{21}$	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{10}{21}$	$\Phi_{126}^{15}\ \Phi_{63}^{15}\ \Phi_{42}^{12}\ \Phi_{21}^{13}\ \Phi_{18}^{20}\ \Phi_{14}^{12}\ \Phi_9^{20}\ \Phi_7^{13}\ \Phi_6^{16}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
148381	1870	273	$\frac{1}{21}$	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{10}{21}$	$\Phi_{273}^7\ \Phi_{91}^8\ \Phi_{39}^7\ \Phi_{21}\ \Phi_{13}^8\ \Phi_7\ \Phi_3\ \Phi_1^2$
148382	1870	294	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{10}{21}$	$\Phi_{294}^7\ \Phi_{147}^7\ \Phi_{98}^8\ \Phi_{49}^8\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
148383	1870	1008	$\frac{1}{21}$	$\frac{73}{1008}$	$\frac{11}{84}$	$\frac{10}{21}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
148384	1870	672	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{10}{21}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{96}^4\ \Phi_{56}^3\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{16}^4\ \Phi_8^4\ \Phi_7\ \Phi_3\ \Phi_1^2$
148385	1870	324	$\frac{4}{81}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{77}{162}$	$\Phi_{324}^6\ \Phi_{162}^4\ \Phi_{108}^6\ \Phi_{81}^6\ \Phi_{54}^4\ \Phi_{36}^9\ \Phi_{27}^6\ \Phi_{18}^7\ \Phi_{12}^8\ \Phi_9^8\ \Phi_6^6\ \Phi_4^8\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
148386	1870	356	$\frac{4}{89}$	$\frac{9}{178}$	$\frac{17}{89}$	$\frac{169}{356}$	$\Phi_{356}^{10}\ \Phi_{89}\ \Phi_4^{10}\ \Phi_1^2$
148387	1870	228	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{2}{19}$	$\frac{9}{19}$	$\Phi_{228}^9\ \Phi_{114}^9\ \Phi_{76}^9\ \Phi_{57}^9\ \Phi_{38}^9\ \Phi_{12}^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8$
148388	1870	1134	$\frac{1}{21}$	$\frac{10}{189}$	$\frac{199}{1134}$	$\frac{179}{378}$	$\Phi_{1134}^2\ \Phi_{567}^2\ \Phi_{189}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{63}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
148389	1870	1869	$\frac{101}{1869}$	$\frac{152}{1869}$	$\frac{197}{1869}$	$\frac{884}{1869}$	$\Phi_{1869}\ \Phi_{623}\ \Phi_{267}\ \Phi_{89}\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
148390	1870	750	$\frac{6}{125}$	$\frac{7}{125}$	$\frac{1}{6}$	$\frac{59}{125}$	$\Phi_{750}^3\ \Phi_{375}^3\ \Phi_{250}^3\ \Phi_{150}^3\ \Phi_{75}^3\ \Phi_{50}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
148391	1870	312	$\frac{1}{52}$	$\frac{3}{52}$	$\frac{1}{3}$	$\frac{49}{104}$	$\Phi_{312}^{17}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}^{17}\ \Phi_{12}\ \Phi_6$
148392	1870	3640	$\frac{1}{35}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
148393	1870	1764	$\frac{1}{21}$	$\frac{53}{882}$	$\frac{10}{63}$	$\frac{829}{1764}$	$\Phi_{1764}^2\ \Phi_{588}^2\ \Phi_{252}^2\ \Phi_{196}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
148394	1870	672	$\frac{1}{56}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{672}^8\ \Phi_{168}\ \Phi_{96}^7\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
148395	1870	3488	$\frac{4}{109}$	$\frac{1}{16}$	$\frac{21}{109}$	$\frac{15}{32}$	$\Phi_{3488}\ \Phi_{109}\ \Phi_{32}^2\ \Phi_1^2$
148396	1870	2208	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{2208}^2\ \Phi_{736}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
148397	1870	3488	$\frac{1}{16}$	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{15}{32}$	$\Phi_{3488}\ \Phi_{109}\ \Phi_{32}^2\ \Phi_1^2$
148398	1870	1056	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{15}{32}$	$\Phi_{1056}^4\ \Phi_{352}^3\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
148399	1870	351	$\frac{2}{117}$	$\frac{23}{351}$	$\frac{1}{3}$	$\frac{164}{351}$	$\Phi_{351}^5\ \Phi_{117}^6\ \Phi_{39}^6\ \Phi_{27}^5\ \Phi_{13}^6\ \Phi_9^6\ \Phi_3^5\ \Phi_1^6$
148400	1870	390	$\frac{8}{195}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{390}^6\ \Phi_{195}^4\ \Phi_{130}^6\ \Phi_{78}^6\ \Phi_{65}^4\ \Phi_{39}^4\ \Phi_{30}^3\ \Phi_{26}^6\ \Phi_{15}^2\ \Phi_{13}^4\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
148401	1870	1050	$\frac{1}{25}$	$\frac{12}{175}$	$\frac{1}{6}$	$\frac{163}{350}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{150}^3\ \Phi_{105}^2\ \Phi_{75}^3\ \Phi_{50}\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_{10}\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
148402	1870	1869	$\frac{59}{1869}$	$\frac{137}{1869}$	$\frac{362}{1869}$	$\frac{866}{1869}$	$\Phi_{1869}\ \Phi_{623}\ \Phi_{267}\ \Phi_{89}\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
148403	1870	666	$\frac{1}{18}$	$\frac{3}{37}$	$\frac{4}{37}$	$\frac{17}{37}$	$\Phi_{666}^3\ \Phi_{333}^3\ \Phi_{222}^3\ \Phi_{111}^3\ \Phi_{74}^3\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
148404	1870	1728	$\frac{1}{72}$	$\frac{71}{864}$	$\frac{1}{3}$	$\frac{793}{1728}$	$\Phi_{1728}^2\ \Phi_{576}^2\ \Phi_{192}^2\ \Phi_{72}^2\ \Phi_{64}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
148405	1870	267	$\frac{14}{267}$	$\frac{23}{267}$	$\frac{29}{267}$	$\frac{122}{267}$	$\Phi_{267}^7\ \Phi_{89}^7\ \Phi_3^7\ \Phi_1^8$
148406	1870	750	$\frac{4}{125}$	$\frac{11}{125}$	$\frac{1}{6}$	$\frac{57}{125}$	$\Phi_{750}^3\ \Phi_{375}^3\ \Phi_{250}^3\ \Phi_{150}^3\ \Phi_{75}^3\ \Phi_{50}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
148407	1870	156	$\frac{1}{78}$	$\frac{7}{78}$	$\frac{1}{3}$	$\frac{71}{156}$	$\Phi_{156}^{22}\ \Phi_{78}^2\ \Phi_{52}^{22}\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{12}^{22}\ \Phi_6^2\ \Phi_4^{22}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
148408	1870	210	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{23}{210}$	$\frac{19}{42}$	$\Phi_{210}^{10}\ \Phi_{105}^{10}\ \Phi_{70}^{10}\ \Phi_{35}^{10}\ \Phi_{30}^{10}\ \Phi_{21}^9\ \Phi_{15}^{10}\ \Phi_{10}^{10}\ \Phi_7^9\ \Phi_5^{10}\ \Phi_3^9\ \Phi_1^{10}$
148409	1870	1701	$\frac{1}{21}$	$\frac{169}{1701}$	$\frac{20}{189}$	$\frac{766}{1701}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{243}\ \Phi_{189}^2\ \Phi_{81}\ \Phi_{63}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
148410	1870	2580	$\frac{1}{86}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{2580}^2\ \Phi_{516}^2\ \Phi_{258}\ \Phi_{129}\ \Phi_{60}\ \Phi_{12}\ \Phi_6$
148411	1870	3380	$\frac{4}{169}$	$\frac{1}{10}$	$\frac{33}{169}$	$\frac{9}{20}$	$\Phi_{3380}\ \Phi_{676}\ \Phi_{260}\ \Phi_{169}\ \Phi_{52}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
148412	1870	420	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{420}^{10}\ \Phi_{210}\ \Phi_{140}^{5}\ \Phi_{105}\ \Phi_{84}^{10}\ \Phi_{70}\ \Phi_{60}^{8}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}^{5}\ \Phi_{21}\ \Phi_{20}^{4}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^{8}\ \Phi_{10}\ \Phi_{4}^{4}$
148413	1870	3380	$\frac{9}{169}$	$\frac{16}{169}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{3380}\ \Phi_{676}\ \Phi_{260}\ \Phi_{169}\ \Phi_{52}\ \Phi_{20}^{2}\ \Phi_{13}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
148414	1870	1980	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1980}^{2}\ \Phi_{660}^{2}\ \Phi_{396}^{2}\ \Phi_{220}\ \Phi_{198}\ \Phi_{132}^{2}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
148415	1870	1820	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1820}^{2}\ \Phi_{364}^{2}\ \Phi_{260}\ \Phi_{140}^{2}\ \Phi_{91}^{2}\ \Phi_{52}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{13}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
148416	1870	189	$\frac{2}{189}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{189}^{10}\ \Phi_{63}^{10}\ \Phi_{27}^{10}\ \Phi_{21}^{10}\ \Phi_{9}^{8}\ \Phi_{7}^{10}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
148417	1870	279	$\frac{1}{93}$	$\frac{1}{9}$	$\frac{92}{279}$	$\frac{4}{9}$	$\Phi_{279}^{7}\ \Phi_{93}^{6}\ \Phi_{31}^{6}\ \Phi_{9}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
148418	1870	2232	$\frac{1}{62}$	$\frac{1}{9}$	$\frac{61}{248}$	$\frac{4}{9}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{744}\ \Phi_{372}\ \Phi_{248}^{2}\ \Phi_{124}^{2}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
148419	1870	576	$\frac{5}{192}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{576}^{3}\ \Phi_{288}^{3}\ \Phi_{192}^{4}\ \Phi_{144}^{3}\ \Phi_{96}^{4}\ \Phi_{72}^{3}\ \Phi_{64}^{4}\ \Phi_{48}^{4}\ \Phi_{36}^{3}\ \Phi_{32}^{4}\ \Phi_{24}^{4}\ \Phi_{16}^{4}\ \Phi_{12}^{4}\ \Phi_{9}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
148420	1870	1953	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{30}{217}$	$\frac{4}{9}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{217}^{2}\ \Phi_{63}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
148421	1870	279	$\frac{5}{93}$	$\frac{8}{93}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{279}^{6}\ \Phi_{93}^{8}\ \Phi_{31}^{8}\ \Phi_{9}^{7}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
148422	1870	36	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{36}^{57}\ \Phi_{18}^{47}\ \Phi_{12}^{56}\ \Phi_{9}^{48}\ \Phi_{6}^{46}\ \Phi_{4}^{56}\ \Phi_{3}^{47}\ \Phi_{2}^{46}\ \Phi_{1}^{48}$
148423	1870	336	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{19}{168}$	$\frac{149}{336}$	$\Phi_{336}^{10}\ \Phi_{112}^{10}\ \Phi_{48}^{10}\ \Phi_{21}^{9}\ \Phi_{16}^{10}\ \Phi_{7}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
148424	1870	456	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{9}{76}$	$\frac{67}{152}$	$\Phi_{456}^{8}\ \Phi_{228}\ \Phi_{152}^{6}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{24}^{8}\ \Phi_{8}^{6}$
148425	1870	490	$\frac{1}{35}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{490}^{7}\ \Phi_{98}^{6}\ \Phi_{70}^{7}\ \Phi_{35}^{6}\ \Phi_{14}^{6}\ \Phi_{10}^{7}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
148426	1870	4992	$\frac{1}{104}$	$\frac{103}{832}$	$\frac{1}{3}$	$\frac{729}{1664}$	$\Phi_{4992}\ \Phi_{384}\ \Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
148427	1870	2832	$\frac{9}{944}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2832}\ \Phi_{1416}\ \Phi_{708}\ \Phi_{354}\ \Phi_{177}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
148428	1870	2240	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
148429	1870	1110	$\frac{1}{111}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1110}^{3}\ \Phi_{370}^{3}\ \Phi_{222}^{3}\ \Phi_{111}^{2}\ \Phi_{74}^{3}\ \Phi_{37}^{2}\ \Phi_{30}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
148430	1870	840	$\frac{1}{56}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{280}^{3}\ \Phi_{210}^{2}\ \Phi_{168}^{2}\ \Phi_{140}^{3}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{70}^{3}\ \Phi_{60}^{2}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
148431	1870	1638	$\frac{1}{117}$	$\frac{116}{819}$	$\frac{1}{3}$	$\frac{703}{1638}$	$\Phi_{1638}^{2}\ \Phi_{546}^{2}\ \Phi_{234}^{2}\ \Phi_{182}^{2}\ \Phi_{126}^{2}\ \Phi_{117}^{2}\ \Phi_{78}^{2}\ \Phi_{42}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{13}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
148432	1870	189	$\frac{2}{189}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{189}^{10}\ \Phi_{63}^{10}\ \Phi_{27}^{10}\ \Phi_{21}^{10}\ \Phi_{9}^{10}\ \Phi_{7}^{7}\ \Phi_{3}^{10}\ \Phi_{1}^{8}$
148433	1870	168	$\frac{1}{56}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{168}^{14}\ \Phi_{84}^{14}\ \Phi_{56}^{6}\ \Phi_{42}^{14}\ \Phi_{28}^{6}\ \Phi_{24}^{14}\ \Phi_{21}^{12}\ \Phi_{14}^{6}\ \Phi_{12}^{14}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{14}\ \Phi_{4}^{6}\ \Phi_{3}^{12}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
148434	1870	1064	$\frac{4}{133}$	$\frac{129}{1064}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1064}^{2}\ \Phi_{532}^{2}\ \Phi_{266}^{2}\ \Phi_{152}^{2}\ \Phi_{76}^{2}\ \Phi_{56}^{2}\ \Phi_{38}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
148435	1870	196	$\frac{9}{196}$	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{196}^{10}\ \Phi_{98}^{10}\ \Phi_{49}^{8}\ \Phi_{28}^{10}\ \Phi_{14}^{10}\ \Phi_{7}^{9}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
148436	1870	3360	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
148437	1870	1008	$\frac{1}{21}$	$\frac{73}{1008}$	$\frac{10}{63}$	$\frac{53}{126}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{252}^{2}\ \Phi_{168}^{2}\ \Phi_{144}^{2}\ \Phi_{112}^{2}\ \Phi_{84}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{56}^{2}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
148438	1870	888	$\frac{1}{111}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{888}^{3}\ \Phi_{296}^{3}\ \Phi_{222}^{3}\ \Phi_{111}^{2}\ \Phi_{74}^{3}\ \Phi_{37}^{2}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
148439	1870	1869	$\frac{65}{1869}$	$\frac{164}{1869}$	$\frac{341}{1869}$	$\frac{764}{1869}$	$\Phi_{1869}\ \Phi_{623}\ \Phi_{267}\ \Phi_{89}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
148440	1870	315	$\frac{1}{21}$	$\frac{4}{63}$	$\frac{59}{315}$	$\frac{128}{315}$	$\Phi_{315}^{5}\ \Phi_{105}^{5}\ \Phi_{63}^{10}\ \Phi_{45}^{5}\ \Phi_{35}^{5}\ \Phi_{21}^{9}\ \Phi_{15}^{5}\ \Phi_{9}^{10}\ \Phi_{7}^{9}\ \Phi_{5}^{5}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
148441	1870	1869	$\frac{101}{1869}$	$\frac{104}{1869}$	$\frac{353}{1869}$	$\frac{758}{1869}$	$\Phi_{1869}\ \Phi_{623}\ \Phi_{267}\ \Phi_{89}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
148442	1870	666	$\frac{2}{37}$	$\frac{1}{18}$	$\frac{7}{37}$	$\frac{15}{37}$	$\Phi_{666}^{3}\ \Phi_{333}^{3}\ \Phi_{222}^{3}\ \Phi_{111}^{3}\ \Phi_{74}^{3}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
148443	1870	228	$\frac{2}{57}$	$\frac{1}{12}$	$\frac{11}{57}$	$\frac{23}{57}$	$\Phi_{228}^{9}\ \Phi_{114}^{9}\ \Phi_{76}^{9}\ \Phi_{57}^{6}\ \Phi_{38}^{9}\ \Phi_{19}^{6}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
148444	1870	267	$\frac{2}{267}$	$\frac{53}{267}$	$\frac{80}{267}$	$\frac{107}{267}$	$\Phi_{267}^{7}\ \Phi_{89}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
148445	1870	312	$\frac{1}{156}$	$\frac{31}{156}$	$\frac{1}{3}$	$\frac{125}{312}$	$\Phi_{312}^{10}\ \Phi_{156}^{2}\ \Phi_{104}^{10}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{2}\ \Phi_{24}^{10}\ \Phi_{13}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{10}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
148446	1870	570	$\frac{3}{190}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{570}^{4}\,\Phi_{285}^{4}\,\Phi_{190}^{2}\,\Phi_{114}^{4}\,\Phi_{95}^{2}\,\Phi_{57}^{4}\,\Phi_{38}^{2}\,\Phi_{30}^{3}\,\Phi_{19}^{2}\,\Phi_{15}^{3}\,\Phi_{10}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
148447	1870	280	$\frac{1}{56}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{280}^{7}\,\Phi_{140}^{7}\,\Phi_{70}^{7}\,\Phi_{56}^{6}\,\Phi_{40}^{7}\,\Phi_{35}^{7}\,\Phi_{28}^{6}\,\Phi_{20}^{5}\,\Phi_{14}^{6}\,\Phi_{10}^{5}\,\Phi_{8}^{6}\,\Phi_{7}^{6}\,\Phi_{5}^{6}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
148448	1870	56	$\frac{1}{56}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{56}^{34}\,\Phi_{28}^{32}\,\Phi_{14}^{34}\,\Phi_{8}^{34}\,\Phi_{7}^{33}\,\Phi_{4}^{32}\,\Phi_{2}^{34}\,\Phi_{1}^{34}$
148449	1870	342	$\frac{1}{171}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{342}^{9}\,\Phi_{171}^{2}\,\Phi_{114}^{9}\,\Phi_{57}^{2}\,\Phi_{38}^{9}\,\Phi_{19}^{2}\,\Phi_{18}^{8}\,\Phi_{9}^{2}\,\Phi_{6}^{8}\,\Phi_{3}\,\Phi_{2}^{8}\,\Phi_{1}^{2}$
148450	1870	89	$\frac{4}{89}$	$\frac{5}{89}$	$\frac{21}{89}$	$\frac{34}{89}$	$\Phi_{89}^{21}\,\Phi_{1}^{22}$
148451	1870	1512	$\frac{1}{21}$	$\frac{10}{189}$	$\frac{179}{756}$	$\frac{577}{1512}$	$\Phi_{1512}^{2}\,\Phi_{504}^{2}\,\Phi_{216}^{2}\,\Phi_{189}^{2}\,\Phi_{168}^{2}\,\Phi_{72}^{2}\,\Phi_{63}^{2}\,\Phi_{56}^{2}\,\Phi_{27}^{2}\,\Phi_{24}^{2}\,\Phi_{21}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{7}\,\Phi_{3}\,\Phi_{1}^{2}$
148452	1870	300	$\frac{1}{75}$	$\frac{1}{6}$	$\frac{37}{150}$	$\frac{113}{300}$	$\Phi_{300}^{10}\,\Phi_{150}^{3}\,\Phi_{100}^{10}\,\Phi_{75}^{2}\,\Phi_{60}^{10}\,\Phi_{50}^{3}\,\Phi_{30}^{3}\,\Phi_{25}^{2}\,\Phi_{20}^{10}\,\Phi_{15}^{2}\,\Phi_{12}^{10}\,\Phi_{10}^{3}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{10}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
148453	1870	1128	$\frac{1}{188}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1128}^{4}\,\Phi_{564}\,\Phi_{282}\,\Phi_{141}\,\Phi_{24}^{3}\,\Phi_{12}\,\Phi_{6}$
148454	1870	2736	$\frac{1}{171}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{2736}\,\Phi_{912}\,\Phi_{684}\,\Phi_{342}\,\Phi_{304}\,\Phi_{228}\,\Phi_{144}\,\Phi_{114}\,\Phi_{76}\,\Phi_{48}\,\Phi_{38}\,\Phi_{36}\,\Phi_{18}\,\Phi_{12}\,\Phi_{6}$
148455	1870	2112	$\frac{5}{192}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2112}\,\Phi_{1056}\,\Phi_{704}\,\Phi_{528}\,\Phi_{352}\,\Phi_{264}\,\Phi_{176}\,\Phi_{132}\,\Phi_{66}\,\Phi_{44}\,\Phi_{33}\,\Phi_{22}$
148456	1870	2984	$\frac{10}{373}$	$\frac{33}{373}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2984}\,\Phi_{373}\,\Phi_{8}^{2}\,\Phi_{1}^{2}$
148457	1870	840	$\frac{1}{35}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^{4}\,\Phi_{420}\,\Phi_{280}^{3}\,\Phi_{210}\,\Phi_{168}^{4}\,\Phi_{140}\,\Phi_{120}^{4}\,\Phi_{105}\,\Phi_{84}\,\Phi_{70}\,\Phi_{60}\,\Phi_{56}^{3}\,\Phi_{42}\,\Phi_{40}^{3}\,\Phi_{30}\,\Phi_{28}\,\Phi_{21}\,\Phi_{20}\,\Phi_{15}\,\Phi_{14}\,\Phi_{10}$
148458	1870	2984	$\frac{16}{373}$	$\frac{21}{373}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2984}\,\Phi_{373}\,\Phi_{8}^{2}\,\Phi_{1}^{2}$
148459	1870	1656	$\frac{1}{23}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1656}^{2}\,\Phi_{552}^{2}\,\Phi_{414}\,\Phi_{207}\,\Phi_{184}\,\Phi_{138}\,\Phi_{69}\,\Phi_{46}$
148460	1870	420	$\frac{1}{35}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{420}^{7}\,\Phi_{140}^{7}\,\Phi_{84}^{6}\,\Phi_{70}^{7}\,\Phi_{60}^{7}\,\Phi_{35}^{6}\,\Phi_{28}^{6}\,\Phi_{20}^{7}\,\Phi_{14}^{6}\,\Phi_{12}^{6}\,\Phi_{10}^{7}\,\Phi_{7}^{5}\,\Phi_{5}^{6}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{6}$
148461	1870	3102	$\frac{1}{47}$	$\frac{1}{11}$	$\frac{46}{141}$	$\frac{95}{282}$	$\Phi_{3102}\,\Phi_{1034}\,\Phi_{517}\,\Phi_{66}\,\Phi_{22}$
148462	1870	1407	$\frac{6}{469}$	$\frac{1}{7}$	$\frac{463}{1407}$	$\frac{472}{1407}$	$\Phi_{1407}\,\Phi_{469}^{2}\,\Phi_{201}\,\Phi_{67}^{2}\,\Phi_{21}\,\Phi_{7}\,\Phi_{3}\,\Phi_{1}^{2}$
148463	1870	1404	$\frac{1}{234}$	$\frac{233}{702}$	$\frac{1}{3}$	$\frac{469}{1404}$	$\Phi_{1404}^{2}\,\Phi_{468}^{2}\,\Phi_{234}^{2}\,\Phi_{156}^{2}\,\Phi_{117}^{2}\,\Phi_{108}^{2}\,\Phi_{78}^{2}\,\Phi_{52}^{2}\,\Phi_{39}^{2}\,\Phi_{36}^{2}\,\Phi_{26}^{2}\,\Phi_{18}^{2}\,\Phi_{13}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
148464	1870	378	$\frac{2}{189}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{378}^{6}\,\Phi_{189}^{4}\,\Phi_{126}^{6}\,\Phi_{63}^{4}\,\Phi_{54}^{6}\,\Phi_{42}^{6}\,\Phi_{27}^{4}\,\Phi_{21}^{4}\,\Phi_{18}^{6}\,\Phi_{14}^{6}\,\Phi_{9}^{4}\,\Phi_{7}^{4}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
148465	1870	348	$\frac{2}{87}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{348}^{6}\,\Phi_{174}^{6}\,\Phi_{116}^{6}\,\Phi_{87}^{4}\,\Phi_{58}^{6}\,\Phi_{29}^{4}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
148466	1870	342	$\frac{2}{57}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{342}^{6}\,\Phi_{171}^{6}\,\Phi_{114}^{6}\,\Phi_{57}^{4}\,\Phi_{38}^{6}\,\Phi_{19}^{4}\,\Phi_{18}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
148467	1870	558	$\frac{1}{93}$	$\frac{1}{6}$	$\frac{92}{279}$	$\frac{1}{3}$	$\Phi_{558}^{6}\,\Phi_{279}^{4}\,\Phi_{18}^{6}\,\Phi_{9}^{4}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
148468	1870	216	$\frac{1}{72}$	$\frac{29}{216}$	$\frac{71}{216}$	$\frac{1}{3}$	$\Phi_{216}^{8}\,\Phi_{108}^{8}\,\Phi_{72}^{10}\,\Phi_{54}^{8}\,\Phi_{36}^{10}\,\Phi_{27}^{8}\,\Phi_{24}^{10}\,\Phi_{18}^{10}\,\Phi_{12}^{10}\,\Phi_{9}^{10}\,\Phi_{8}^{10}\,\Phi_{6}^{10}\,\Phi_{4}^{10}\,\Phi_{3}^{9}\,\Phi_{2}^{10}\,\Phi_{1}^{10}$
148469	1870	1392	$\frac{7}{464}$	$\frac{1}{8}$	$\frac{457}{1392}$	$\frac{1}{3}$	$\Phi_{1392}\,\Phi_{696}\,\Phi_{464}^{2}\,\Phi_{348}\,\Phi_{232}^{2}\,\Phi_{174}\,\Phi_{116}^{2}\,\Phi_{87}\,\Phi_{58}^{2}\,\Phi_{48}\,\Phi_{29}^{2}\,\Phi_{24}^{2}\,\Phi_{16}^{2}\,\Phi_{12}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
148470	1870	1053	$\frac{2}{117}$	$\frac{118}{1053}$	$\frac{115}{351}$	$\frac{1}{3}$	$\Phi_{1053}^{2}\,\Phi_{351}\,\Phi_{117}^{2}\,\Phi_{81}^{2}\,\Phi_{39}^{2}\,\Phi_{27}\,\Phi_{13}^{2}\,\Phi_{9}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
148471	1870	252	$\frac{1}{42}$	$\frac{1}{12}$	$\frac{41}{126}$	$\frac{1}{3}$	$\Phi_{252}^{12}\,\Phi_{126}^{10}\,\Phi_{63}^{10}\,\Phi_{36}^{12}\,\Phi_{18}^{10}\,\Phi_{12}^{2}\,\Phi_{9}^{10}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
148472	1870	162	$\frac{1}{27}$	$\frac{1}{18}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{162}^{18}\,\Phi_{81}^{16}\,\Phi_{18}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
148473	1870	1368	$\frac{1}{24}$	$\frac{23}{456}$	$\frac{433}{1368}$	$\frac{1}{3}$	$\Phi_{1368}^{2}\,\Phi_{684}^{2}\,\Phi_{342}^{2}\,\Phi_{171}^{2}\,\Phi_{72}^{2}\,\Phi_{36}^{2}\,\Phi_{24}^{2}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
148474	1870	972	$\frac{37}{972}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{972}^{2}\,\Phi_{486}^{2}\,\Phi_{324}^{2}\,\Phi_{243}^{2}\,\Phi_{162}^{2}\,\Phi_{108}^{2}\,\Phi_{81}^{2}\,\Phi_{36}^{2}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
148475	1870	168	$\frac{1}{56}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{168}^{9}\,\Phi_{84}^{9}\,\Phi_{56}^{16}\,\Phi_{42}^{9}\,\Phi_{28}^{16}\,\Phi_{24}^{8}\,\Phi_{21}^{9}\,\Phi_{14}^{16}\,\Phi_{12}^{8}\,\Phi_{8}^{14}\,\Phi_{7}^{16}\,\Phi_{6}^{8}\,\Phi_{4}^{14}\,\Phi_{3}^{7}\,\Phi_{2}^{14}\,\Phi_{1}^{14}$
148476	1870	1296	$\frac{1}{72}$	$\frac{71}{432}$	$\frac{361}{1296}$	$\frac{1}{3}$	$\Phi_{1296}^{2}\,\Phi_{648}^{2}\,\Phi_{324}^{2}\,\Phi_{162}^{2}\,\Phi_{81}^{2}\,\Phi_{72}^{2}\,\Phi_{36}^{2}\,\Phi_{24}^{2}\,\Phi_{18}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
148477	1870	1290	$\frac{1}{86}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{430}^2\ \Phi_{258}^2\ \Phi_{215}^2\ \Phi_{129}^2\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{30}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
148478	1870	189	$\frac{2}{189}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{189}^{10}\ \Phi_{63}^{10}\ \Phi_{27}^9\ \Phi_{21}^{10}\ \Phi_9^{10}\ \Phi_7^{10}\ \Phi_3^9\ \Phi_1^{10}$
148479	1870	1248	$\frac{1}{104}$	$\frac{103}{416}$	$\frac{313}{1248}$	$\frac{1}{3}$	$\Phi_{1248}\ \Phi_{624}\ \Phi_{416}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{96}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{48}\ \Phi_{39}^2\ \Phi_{32}^2\ \Phi_{26}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
148480	1870	840	$\frac{1}{56}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{840}^4\ \Phi_{420}^4\ \Phi_{210}^4\ \Phi_{168}\ \Phi_{120}^4\ \Phi_{105}^4\ \Phi_{84}\ \Phi_{60}^3\ \Phi_{42}\ \Phi_{30}^3\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
148481	1870	264	$\frac{3}{88}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{264}^7\ \Phi_{132}^7\ \Phi_{88}^8\ \Phi_{66}^7\ \Phi_{44}^8\ \Phi_{33}^7\ \Phi_{24}^7\ \Phi_{22}^8\ \Phi_{12}^2\ \Phi_{11}^8\ \Phi_8^8\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
148482	1870	1242	$\frac{7}{621}$	$\frac{2}{9}$	$\frac{307}{1242}$	$\frac{1}{3}$	$\Phi_{1242}^2\ \Phi_{621}\ \Phi_{414}^2\ \Phi_{207}\ \Phi_{138}^2\ \Phi_{69}\ \Phi_{54}^2\ \Phi_{46}^2\ \Phi_{27}\ \Phi_{23}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
148483	1870	1152	$\frac{1}{72}$	$\frac{217}{1152}$	$\frac{71}{288}$	$\frac{1}{3}$	$\Phi_{1152}^2\ \Phi_{576}^2\ \Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}^2\ \Phi_{72}^2\ \Phi_{64}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
148484	1870	744	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{61}{248}$	$\frac{1}{3}$	$\Phi_{744}^3\ \Phi_{372}^3\ \Phi_{248}^4\ \Phi_{124}^4\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
148485	1870	336	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{27}{112}$	$\frac{1}{3}$	$\Phi_{336}^7\ \Phi_{168}^7\ \Phi_{112}^8\ \Phi_{56}^8\ \Phi_{48}^7\ \Phi_{24}^7\ \Phi_{16}^8\ \Phi_{12}^8\ \Phi_8^8\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
148486	1870	72	$\frac{1}{18}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{72}^{34}\ \Phi_{36}^{34}\ \Phi_{24}^{34}\ \Phi_{18}^2\ \Phi_{12}^{34}\ \Phi_9^2\ \Phi_8^{34}\ \Phi_6^2\ \Phi_4^{34}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
148487	1870	1254	$\frac{2}{57}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{1254}^2\ \Phi_{627}\ \Phi_{418}^2\ \Phi_{209}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{22}^2\ \Phi_{19}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
148488	1870	207	$\frac{7}{207}$	$\frac{20}{207}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{207}^9\ \Phi_{69}^9\ \Phi_{23}^9\ \Phi_9^{10}\ \Phi_3^9\ \Phi_1^{10}$
148489	1870	972	$\frac{37}{972}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
148490	1870	234	$\frac{1}{18}$	$\frac{7}{117}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{234}^9\ \Phi_{117}^8\ \Phi_{78}^9\ \Phi_{39}^8\ \Phi_{26}^9\ \Phi_{18}^2\ \Phi_{13}^8\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
148491	1870	192	$\frac{5}{192}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{192}^{10}\ \Phi_{96}^9\ \Phi_{64}^{10}\ \Phi_{48}^9\ \Phi_{32}^{10}\ \Phi_{24}^{10}\ \Phi_{16}^{10}\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
148492	1870	1218	$\frac{2}{87}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{1218}^2\ \Phi_{609}\ \Phi_{406}^2\ \Phi_{203}\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
148493	1870	234	$\frac{2}{117}$	$\frac{23}{117}$	$\frac{47}{234}$	$\frac{1}{3}$	$\Phi_{234}^{10}\ \Phi_{117}^6\ \Phi_{78}^{10}\ \Phi_{39}^6\ \Phi_{26}^{10}\ \Phi_{18}^{10}\ \Phi_{13}^6\ \Phi_9^6\ \Phi_6^{10}\ \Phi_3^5\ \Phi_2^{10}\ \Phi_1^6$
148494	1870	930	$\frac{2}{93}$	$\frac{1}{6}$	$\frac{91}{465}$	$\frac{1}{3}$	$\Phi_{930}^3\ \Phi_{465}^2\ \Phi_{310}^3\ \Phi_{155}^2\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
148495	1870	216	$\frac{1}{36}$	$\frac{29}{216}$	$\frac{7}{36}$	$\frac{1}{3}$	$\Phi_{216}^{10}\ \Phi_{108}^{10}\ \Phi_{72}^{10}\ \Phi_{54}^{10}\ \Phi_{36}^2\ \Phi_{27}^{10}\ \Phi_{24}^{10}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^{10}\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
148496	1870	696	$\frac{7}{232}$	$\frac{1}{8}$	$\frac{45}{232}$	$\frac{1}{3}$	$\Phi_{696}^4\ \Phi_{348}^4\ \Phi_{174}^4\ \Phi_{87}^4\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
148497	1870	624	$\frac{1}{26}$	$\frac{21}{208}$	$\frac{5}{26}$	$\frac{1}{3}$	$\Phi_{624}^5\ \Phi_{312}^5\ \Phi_{156}^5\ \Phi_{78}\ \Phi_{48}^5\ \Phi_{39}\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_6$
148498	1870	84	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{4}{21}$	$\frac{1}{3}$	$\Phi_{84}^{24}\ \Phi_{42}^{24}\ \Phi_{28}^{24}\ \Phi_{21}^{16}\ \Phi_{14}^{24}\ \Phi_{12}^{26}\ \Phi_7^{16}\ \Phi_6^{26}\ \Phi_4^{26}\ \Phi_3^{17}\ \Phi_2^{26}\ \Phi_1^{18}$
148499	1870	312	$\frac{17}{312}$	$\frac{23}{312}$	$\frac{59}{312}$	$\frac{1}{3}$	$\Phi_{312}^6\ \Phi_{156}^6\ \Phi_{104}^6\ \Phi_{78}^6\ \Phi_{52}^6\ \Phi_{39}^6\ \Phi_{26}^6\ \Phi_{24}^6\ \Phi_{13}^6\ \Phi_{12}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
148500	1870	54	$\frac{1}{18}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{1}{3}$	$\Phi_{54}^{36}\ \Phi_{27}^{32}\ \Phi_{18}^{38}\ \Phi_9^{34}\ \Phi_6^{38}\ \Phi_3^{33}\ \Phi_2^{38}\ \Phi_1^{34}$
148501	1870	312	$\frac{5}{104}$	$\frac{9}{104}$	$\frac{19}{104}$	$\frac{1}{3}$	$\Phi_{312}^9\ \Phi_{156}^9\ \Phi_{78}^9\ \Phi_{39}^9\ \Phi_{24}^9\ \Phi_{12}^9\ \Phi_6^9\ \Phi_3^8$
148502	1870	192	$\frac{5}{192}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{192}^{10}\ \Phi_{96}^{10}\ \Phi_{64}^{10}\ \Phi_{48}^{10}\ \Phi_{32}^{10}\ \Phi_{24}^{10}\ \Phi_{16}^{10}\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
148503	1870	1116	$\frac{5}{186}$	$\frac{181}{1116}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{372}^2\ \Phi_{279}^2\ \Phi_{124}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
148504	1870	1302	$\frac{1}{31}$	$\frac{30}{217}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1302}^2\ \Phi_{651}\ \Phi_{434}^2\ \Phi_{217}^2\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
148505	1870	186	$\frac{5}{93}$	$\frac{8}{93}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{186}^{12}\ \Phi_{93}^8\ \Phi_{62}^{12}\ \Phi_{31}^8\ \Phi_6^{14}\ \Phi_3^9\ \Phi_2^{14}\ \Phi_1^{10}$
148506	1870	36	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{36}^{60}\ \Phi_{18}^{50}\ \Phi_{12}^{50}\ \Phi_9^{50}\ \Phi_6^{42}\ \Phi_4^{50}\ \Phi_3^{41}\ \Phi_2^{42}\ \Phi_1^{42}$
148507	1870	1092	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{157}{1092}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{156}^2\ \Phi_{91}^2\ \Phi_{84}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{42}\ \Phi_{39}^2\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
148508	1870	1092	$\frac{6}{91}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{156}^2\ \Phi_{91}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
148509	1870	588	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{98}$	$\frac{1}{3}$	$\Phi_{588}^{4}\,\Phi_{294}^{3}\,\Phi_{196}^{4}\,\Phi_{147}^{3}\,\Phi_{98}^{4}\,\Phi_{49}^{4}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
148510	1870	1008	$\frac{73}{1008}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{3}$	$\Phi_{1008}^{2}\,\Phi_{504}^{2}\,\Phi_{336}^{2}\,\Phi_{252}^{2}\,\Phi_{168}^{2}\,\Phi_{144}^{2}\,\Phi_{126}^{2}\,\Phi_{112}^{2}\,\Phi_{72}^{2}\,\Phi_{63}^{2}\,\Phi_{56}^{2}\,\Phi_{48}^{2}\,\Phi_{36}^{2}\,\Phi_{24}^{2}\,\Phi_{18}^{2}\,\Phi_{16}^{2}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
148511	1870	126	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{3}$	$\Phi_{126}^{18}\,\Phi_{63}^{16}\,\Phi_{42}^{18}\,\Phi_{21}^{16}\,\Phi_{18}^{2}\,\Phi_{14}^{18}\,\Phi_{9}^{2}\,\Phi_{7}^{16}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
148512	1870	96	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{3}$	$\Phi_{96}^{22}\,\Phi_{48}^{22}\,\Phi_{32}^{22}\,\Phi_{24}^{22}\,\Phi_{16}^{22}\,\Phi_{12}^{2}\,\Phi_{8}^{22}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
148513	1870	756	$\frac{1}{12}$	$\frac{2}{21}$	$\frac{19}{189}$	$\frac{1}{3}$	$\Phi_{756}^{3}\,\Phi_{378}^{3}\,\Phi_{252}^{3}\,\Phi_{189}^{2}\,\Phi_{126}^{3}\,\Phi_{108}^{3}\,\Phi_{63}^{2}\,\Phi_{54}^{3}\,\Phi_{36}^{3}\,\Phi_{27}^{2}\,\Phi_{18}^{3}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
148514	1870	1110	$\frac{4}{185}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{181}{555}$	$\Phi_{1110}^{2}\,\Phi_{555}\,\Phi_{370}^{2}\,\Phi_{222}^{2}\,\Phi_{185}^{2}\,\Phi_{111}\,\Phi_{74}^{2}\,\Phi_{37}^{2}\,\Phi_{30}^{3}\,\Phi_{15}^{2}\,\Phi_{10}^{3}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
148515	1870	126	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{41}{126}$	$\Phi_{126}^{22}\,\Phi_{63}^{22}\,\Phi_{18}^{22}\,\Phi_{14}^{2}\,\Phi_{9}^{22}\,\Phi_{7}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
148516	1870	3036	$\frac{3}{92}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{89}{276}$	$\Phi_{3036}\,\Phi_{1518}\,\Phi_{759}\,\Phi_{132}\,\Phi_{66}\,\Phi_{44}\,\Phi_{33}\,\Phi_{22}$
148517	1870	1782	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{26}{81}$	$\Phi_{1782}^{2}\,\Phi_{891}\,\Phi_{162}^{2}\,\Phi_{81}^{2}\,\Phi_{22}^{2}\,\Phi_{11}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
148518	1870	150	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{1}{6}$	$\frac{8}{25}$	$\Phi_{150}^{15}\,\Phi_{75}^{15}\,\Phi_{50}^{15}\,\Phi_{30}^{15}\,\Phi_{15}^{15}\,\Phi_{10}^{15}\,\Phi_{6}^{14}\,\Phi_{3}^{14}\,\Phi_{2}^{14}$
148519	1870	810	$\frac{1}{15}$	$\frac{31}{405}$	$\frac{1}{6}$	$\frac{14}{45}$	$\Phi_{810}^{3}\,\Phi_{405}^{2}\,\Phi_{270}^{3}\,\Phi_{162}^{3}\,\Phi_{135}^{2}\,\Phi_{81}^{2}\,\Phi_{54}^{3}\,\Phi_{30}^{3}\,\Phi_{27}^{2}\,\Phi_{15}^{2}\,\Phi_{10}^{3}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
148520	1870	270	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{1}{6}$	$\frac{83}{270}$	$\Phi_{270}^{10}\,\Phi_{135}^{10}\,\Phi_{54}^{10}\,\Phi_{30}^{3}\,\Phi_{27}^{10}\,\Phi_{15}^{2}\,\Phi_{10}^{3}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
148521	1870	972	$\frac{1}{12}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{243}$	$\Phi_{972}^{3}\,\Phi_{486}^{3}\,\Phi_{243}^{2}\,\Phi_{36}^{3}\,\Phi_{18}^{3}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
148522	1870	267	$\frac{4}{89}$	$\frac{9}{89}$	$\frac{17}{89}$	$\frac{80}{267}$	$\Phi_{267}^{10}\,\Phi_{89}\,\Phi_{3}^{10}\,\Phi_{1}^{2}$
148523	1870	1134	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{199}{1134}$	$\frac{169}{567}$	$\Phi_{1134}^{2}\,\Phi_{567}\,\Phi_{378}^{2}\,\Phi_{189}^{2}\,\Phi_{162}^{2}\,\Phi_{126}^{2}\,\Phi_{81}\,\Phi_{63}^{2}\,\Phi_{54}^{2}\,\Phi_{42}^{2}\,\Phi_{27}^{2}\,\Phi_{21}\,\Phi_{18}^{2}\,\Phi_{14}^{2}\,\Phi_{9}^{2}\,\Phi_{7}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
148524	1870	756	$\frac{1}{12}$	$\frac{19}{189}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{756}^{3}\,\Phi_{378}^{3}\,\Phi_{252}^{3}\,\Phi_{189}^{2}\,\Phi_{126}^{3}\,\Phi_{84}^{3}\,\Phi_{63}^{2}\,\Phi_{42}^{3}\,\Phi_{36}^{3}\,\Phi_{28}^{3}\,\Phi_{21}^{2}\,\Phi_{18}^{3}\,\Phi_{14}^{3}\,\Phi_{12}^{2}\,\Phi_{9}^{2}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
148525	1870	1323	$\frac{1}{21}$	$\frac{53}{441}$	$\frac{10}{63}$	$\frac{388}{1323}$	$\Phi_{1323}^{2}\,\Phi_{189}^{2}\,\Phi_{63}^{2}\,\Phi_{27}^{2}\,\Phi_{21}\,\Phi_{9}^{2}\,\Phi_{7}\,\Phi_{3}\,\Phi_{1}^{2}$
148526	1870	2520	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{2520}\,\Phi_{1260}\,\Phi_{630}\,\Phi_{504}\,\Phi_{360}\,\Phi_{315}\,\Phi_{280}\,\Phi_{252}\,\Phi_{180}\,\Phi_{140}\,\Phi_{126}\,\Phi_{90}\,\Phi_{70}\,\Phi_{63}\,\Phi_{56}\,\Phi_{45}\,\Phi_{40}\,\Phi_{28}\,\Phi_{20}\,\Phi_{14}\,\Phi_{10}$
148527	1870	2616	$\frac{4}{109}$	$\frac{1}{8}$	$\frac{21}{109}$	$\frac{7}{24}$	$\Phi_{2616}\,\Phi_{1308}\,\Phi_{654}\,\Phi_{327}\,\Phi_{109}\,\Phi_{24}^{2}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
148528	1870	552	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{552}^{3}\,\Phi_{276}^{3}\,\Phi_{184}^{4}\,\Phi_{138}^{4}\,\Phi_{92}^{4}\,\Phi_{69}^{4}\,\Phi_{46}^{5}\,\Phi_{23}^{4}$
148529	1870	2616	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{2616}\,\Phi_{1308}\,\Phi_{654}\,\Phi_{327}\,\Phi_{109}\,\Phi_{24}^{2}\,\Phi_{12}^{2}\,\Phi_{6}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
148530	1870	264	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{264}^{7}\,\Phi_{132}^{8}\,\Phi_{88}^{8}\,\Phi_{66}^{8}\,\Phi_{44}^{9}\,\Phi_{33}^{8}\,\Phi_{22}^{9}\,\Phi_{11}^{8}$
148531	1870	1050	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{1}{6}$	$\frac{151}{525}$	$\Phi_{1050}^{2}\,\Phi_{525}\,\Phi_{350}^{2}\,\Phi_{210}^{2}\,\Phi_{175}^{2}\,\Phi_{150}^{3}\,\Phi_{105}\,\Phi_{75}^{2}\,\Phi_{70}^{2}\,\Phi_{50}^{3}\,\Phi_{42}^{2}\,\Phi_{35}^{2}\,\Phi_{30}^{3}\,\Phi_{25}^{2}\,\Phi_{21}\,\Phi_{15}^{2}\,\Phi_{14}^{2}\,\Phi_{10}^{3}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
148532	1870	70	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{70}^{35}\,\Phi_{35}^{20}\,\Phi_{14}^{30}\,\Phi_{10}^{35}\,\Phi_{7}^{17}\,\Phi_{5}^{20}\,\Phi_{2}^{30}\,\Phi_{1}^{18}$
148533	1870	2520	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{2520}\,\Phi_{1260}\,\Phi_{630}\,\Phi_{504}\,\Phi_{360}\,\Phi_{315}\,\Phi_{280}\,\Phi_{252}\,\Phi_{180}\,\Phi_{140}\,\Phi_{126}\,\Phi_{90}\,\Phi_{72}\,\Phi_{70}\,\Phi_{63}\,\Phi_{40}\,\Phi_{36}\,\Phi_{35}\,\Phi_{20}\,\Phi_{18}\,\Phi_{10}$
148534	1870	2535	$\frac{4}{169}$	$\frac{33}{169}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2535}\,\Phi_{507}\,\Phi_{195}\,\Phi_{169}\,\Phi_{39}\,\Phi_{15}^{2}\,\Phi_{13}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
148535	1870	210	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{210}^{11}\,\Phi_{105}^{6}\,\Phi_{70}^{11}\,\Phi_{42}^{11}\,\Phi_{35}^{10}\,\Phi_{30}^{9}\,\Phi_{21}^{6}\,\Phi_{15}^{5}\,\Phi_{14}^{11}\,\Phi_{10}^{9}\,\Phi_{7}^{10}\,\Phi_{6}^{8}\,\Phi_{5}^{8}\,\Phi_{3}^{4}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
148536	1870	2535	$\frac{9}{169}$	$\frac{16}{169}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2535}\,\Phi_{507}\,\Phi_{195}\,\Phi_{169}\,\Phi_{39}\,\Phi_{15}^{2}\,\Phi_{13}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
148537	1870	990	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{990}^{2}\,\Phi_{495}^{2}\,\Phi_{330}^{2}\,\Phi_{198}^{3}\,\Phi_{165}\,\Phi_{110}^{2}\,\Phi_{99}^{3}\,\Phi_{66}^{3}\,\Phi_{55}^{2}\,\Phi_{33}^{2}\,\Phi_{22}^{3}\,\Phi_{11}^{2}$
148538	1870	1365	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1365}^{2}\,\Phi_{273}^{2}\,\Phi_{195}\,\Phi_{105}^{2}\,\Phi_{91}^{2}\,\Phi_{39}\,\Phi_{21}^{2}\,\Phi_{15}^{2}\,\Phi_{13}\,\Phi_{7}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
148539	1870	966	$\frac{31}{966}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{966}^{2}\,\Phi_{483}^{2}\,\Phi_{322}^{2}\,\Phi_{161}^{2}\,\Phi_{138}^{2}\,\Phi_{69}^{2}\,\Phi_{46}^{2}\,\Phi_{23}^{2}\,\Phi_{14}^{2}\,\Phi_{7}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
148540	1870	252	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{65}{252}$	$\Phi_{252}^{10}\,\Phi_{126}^{10}\,\Phi_{63}^{10}\,\Phi_{36}^{10}\,\Phi_{21}^{9}\,\Phi_{18}^{10}\,\Phi_{9}^{10}\,\Phi_{7}^{9}\,\Phi_{3}^{9}\,\Phi_{1}^{10}$
148541	1870	228	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{9}{38}$	$\frac{29}{114}$	$\Phi_{228}^{9}\,\Phi_{114}^{7}\,\Phi_{76}^{9}\,\Phi_{57}^{7}\,\Phi_{38}^{9}\,\Phi_{19}^{8}\,\Phi_{12}^{8}\,\Phi_{6}^{6}\,\Phi_{4}^{8}\,\Phi_{3}^{6}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
148542	1870	616	$\frac{3}{88}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{616}^{3}\,\Phi_{308}^{3}\,\Phi_{154}^{3}\,\Phi_{88}^{4}\,\Phi_{77}^{3}\,\Phi_{56}^{3}\,\Phi_{44}^{4}\,\Phi_{22}^{4}\,\Phi_{14}^{2}\,\Phi_{11}^{4}\,\Phi_{8}^{4}\,\Phi_{7}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
148543	1870	2180	$\frac{4}{109}$	$\frac{3}{20}$	$\frac{21}{109}$	$\frac{1}{4}$	$\Phi_{2180}\ \Phi_{1090}\ \Phi_{545}\ \Phi_{109}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
148544	1870	1380	$\frac{1}{23}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1380}^2\ \Phi_{690}^2\ \Phi_{460}\ \Phi_{345}^2\ \Phi_{230}\ \Phi_{138}\ \Phi_{115}\ \Phi_{69}\ \Phi_{46}$
148545	1870	2180	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{2180}\ \Phi_{1090}\ \Phi_{545}\ \Phi_{109}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
148546	1870	660	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{220}^3\ \Phi_{165}^4\ \Phi_{132}\ \Phi_{110}^3\ \Phi_{66}\ \Phi_{55}^3\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
148547	1870	112	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{27}{112}$	$\Phi_{112}^{22}\ \Phi_{56}^{22}\ \Phi_{16}^{22}\ \Phi_{14}^2\ \Phi_8^{22}\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
148548	1870	63	$\frac{1}{21}$	$\frac{8}{63}$	$\frac{4}{21}$	$\frac{5}{21}$	$\Phi_{63}^{34}\ \Phi_{21}^{21}\ \Phi_9^{34}\ \Phi_7^{21}\ \Phi_3^{21}\ \Phi_1^{22}$
148549	1870	792	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{72}$	$\Phi_{792}^3\ \Phi_{396}^3\ \Phi_{264}^3\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{72}^4\ \Phi_{44}^3\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{22}^2\ \Phi_{12}^4\ \Phi_{11}\ \Phi_8^4\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
148550	1870	89	$\frac{5}{89}$	$\frac{12}{89}$	$\frac{14}{89}$	$\frac{21}{89}$	$\Phi_{89}^{21}\ \Phi_1^{22}$
148551	1870	210	$\frac{1}{15}$	$\frac{23}{210}$	$\frac{1}{6}$	$\frac{7}{30}$	$\Phi_{210}^{10}\ \Phi_{105}^{10}\ \Phi_{70}^{10}\ \Phi_{42}^{10}\ \Phi_{35}^{10}\ \Phi_{30}^3\ \Phi_{21}^{10}\ \Phi_{15}^2\ \Phi_{14}^{10}\ \Phi_{10}^3\ \Phi_7^{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
148552	1870	594	$\frac{2}{27}$	$\frac{1}{11}$	$\frac{5}{27}$	$\frac{5}{22}$	$\Phi_{594}^4\ \Phi_{297}^2\ \Phi_{198}^4\ \Phi_{99}^2\ \Phi_{66}^4\ \Phi_{54}^4\ \Phi_{33}^2\ \Phi_{27}^4\ \Phi_{22}^6\ \Phi_{18}^4\ \Phi_{11}^3\ \Phi_9^4\ \Phi_6^4\ \Phi_3^4\ \Phi_2^6\ \Phi_1^6$
148553	1870	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{22}$	$\Phi_{132}^{15}\ \Phi_{66}^{12}\ \Phi_{44}^{15}\ \Phi_{33}^{12}\ \Phi_{22}^{14}\ \Phi_{12}^{20}\ \Phi_{11}^{13}\ \Phi_6^{16}\ \Phi_4^{20}\ \Phi_3^{16}\ \Phi_2^{18}\ \Phi_1^{18}$
148554	1870	1386	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{5}{22}$	$\Phi_{1386}^2\ \Phi_{693}\ \Phi_{462}^2\ \Phi_{231}\ \Phi_{154}^2\ \Phi_{126}^2\ \Phi_{77}\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_2^2\ \Phi_1^2$
148555	1870	240	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{53}{240}$	$\Phi_{240}^{10}\ \Phi_{120}^{10}\ \Phi_{80}^{10}\ \Phi_{48}^{10}\ \Phi_{40}^{10}\ \Phi_{30}^3\ \Phi_{24}^{10}\ \Phi_{16}^{10}\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_8^{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
148556	1870	42	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{14}$	$\Phi_{42}^{56}\ \Phi_{21}^{32}\ \Phi_{14}^{58}\ \Phi_7^{33}\ \Phi_6^{56}\ \Phi_3^{32}\ \Phi_2^{58}\ \Phi_1^{34}$
148557	1870	126	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{126}^{15}\ \Phi_{63}^{15}\ \Phi_{42}^{12}\ \Phi_{21}^{12}\ \Phi_{18}^{20}\ \Phi_{14}^{14}\ \Phi_9^{20}\ \Phi_7^{13}\ \Phi_6^{16}\ \Phi_3^{16}\ \Phi_2^{18}\ \Phi_1^{18}$
148558	1870	182	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{182}^{14}\ \Phi_{91}^8\ \Phi_{26}^{14}\ \Phi_{14}^2\ \Phi_{13}^8\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
148559	1870	98	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{98}^{22}\ \Phi_{49}^{22}\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
148560	1870	1008	$\frac{73}{1008}$	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
148561	1870	672	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{96}^4\ \Phi_{56}^3\ \Phi_{48}^4\ \Phi_{32}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_8^4\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
148562	1870	378	$\frac{2}{21}$	$\frac{19}{189}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{378}^7\ \Phi_{189}^4\ \Phi_{126}^7\ \Phi_{63}^4\ \Phi_{54}^7\ \Phi_{27}^4\ \Phi_{18}^7\ \Phi_{14}^2\ \Phi_9^4\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
148563	1870	108	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{108}$	$\Phi_{108}^{16}\ \Phi_{54}^{16}\ \Phi_{36}^{19}\ \Phi_{27}^{18}\ \Phi_{18}^{19}\ \Phi_{12}^{18}\ \Phi_9^{20}\ \Phi_6^{18}\ \Phi_4^{18}\ \Phi_3^{19}\ \Phi_2^{18}\ \Phi_1^{20}$
148564	1870	450	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{1}{6}$	$\frac{38}{225}$	$\Phi_{450}^6\ \Phi_{225}^4\ \Phi_{150}^6\ \Phi_{75}^4\ \Phi_{50}^6\ \Phi_{30}^3\ \Phi_{25}^4\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
148565	1871	2992	$\frac{1}{374}$	$\frac{375}{1496}$	$\frac{1121}{2992}$	$\frac{373}{748}$	$\Phi_{2992}\ \Phi_{748}\ \Phi_{272}\ \Phi_{176}\ \Phi_{68}\ \Phi_{44}\ \Phi_{16}\ \Phi_4\ \Phi_1$
148566	1871	3400	$\frac{1}{170}$	$\frac{171}{1700}$	$\frac{1529}{3400}$	$\frac{169}{340}$	$\Phi_{3400}\ \Phi_{680}\ \Phi_{340}\ \Phi_{200}\ \Phi_{136}\ \Phi_{68}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
148567	1871	3720	$\frac{11}{1860}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1849}{3720}$	$\Phi_{3720}\ \Phi_{1240}\ \Phi_{744}\ \Phi_{248}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
148568	1871	3720	$\frac{11}{1860}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1849}{3720}$	$\Phi_{3720}\ \Phi_{1240}\ \Phi_{744}\ \Phi_{248}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
148569	1871	2500	$\frac{4}{625}$	$\frac{1}{5}$	$\frac{629}{2500}$	$\frac{621}{1250}$	$\Phi_{2500}\ \Phi_{625}\ \Phi_{500}\ \Phi_{125}\ \Phi_{100}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
148570	1871	3520	$\frac{1}{110}$	$\frac{111}{1760}$	$\frac{1649}{3520}$	$\frac{109}{220}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{220}\ \Phi_{64}\ \Phi_{44}\ \Phi_{20}\ \Phi_4\ \Phi_1$
148571	1871	2640	$\frac{1}{110}$	$\frac{111}{880}$	$\frac{769}{2640}$	$\frac{109}{220}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{66}\ \Phi_{60}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
148572	1871	2200	$\frac{1}{110}$	$\frac{329}{2200}$	$\frac{111}{440}$	$\frac{109}{220}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{220}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{44}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
148573	1871	2250	$\frac{4}{375}$	$\frac{379}{2250}$	$\frac{1}{5}$	$\frac{371}{750}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{450}\ \Phi_{375}\ \Phi_{225}\ \Phi_{125}\ \Phi_{90}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
148574	1871	3700	$\frac{21}{1850}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1829}{3700}$	$\Phi_{3700}\ \Phi_{740}\ \Phi_{148}\ \Phi_{100}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
148575	1871	3696	$\frac{23}{1848}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{1825}{3696}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{112}\ \Phi_{48}\ \Phi_{44}\ \Phi_{16}\ \Phi_4\ \Phi_1$
148576	1871	3696	$\frac{23}{1848}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1825}{3696}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{112}\ \Phi_{48}\ \Phi_{33}\ \Phi_{16}\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
148577	1871	2508	$\frac{10}{627}$	$\frac{1}{11}$	$\frac{637}{2508}$	$\frac{617}{1254}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{627}\ \Phi_{228}\ \Phi_{209}\ \Phi_{132}\ \Phi_{76}\ \Phi_{57}\ \Phi_{44}\ \Phi_{33}\ \Phi_{19}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
148578	1871	3680	$\frac{31}{1840}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1809}{3680}$	$\Phi_{3680}\ \Phi_{736}\ \Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
148579	1871	3672	$\frac{35}{1836}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{1801}{3672}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{216}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{24}\ \Phi_8\ \Phi_4\ \Phi_1$
148580	1871	3672	$\frac{35}{1836}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1801}{3672}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{216}\ \Phi_{136}\ \Phi_{72}\ \Phi_{51}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
148581	1871	2516	$\frac{16}{629}$	$\frac{1}{17}$	$\frac{645}{2516}$	$\frac{613}{1258}$	$\Phi_{2516}\ \Phi_{629}\ \Phi_{148}\ \Phi_{68}\ \Phi_{37}\ \Phi_4\ \Phi_1$
148582	1871	2448	$\frac{1}{34}$	$\frac{35}{612}$	$\frac{577}{2448}$	$\frac{33}{68}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{144}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
148583	1871	2040	$\frac{1}{34}$	$\frac{169}{2040}$	$\frac{35}{204}$	$\frac{33}{68}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
148584	1871	2000	$\frac{4}{125}$	$\frac{129}{2000}$	$\frac{1}{5}$	$\frac{121}{250}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{200}\ \Phi_{125}\ \Phi_{100}\ \Phi_{80}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
148585	1871	3600	$\frac{71}{1800}$	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{1729}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{75}\ \Phi_{48}\ \Phi_{25}\ \Phi_{16}\ \Phi_{15}\ \Phi_3\ \Phi_1$
148586	1871	2772	$\frac{23}{924}$	$\frac{1}{22}$	$\frac{901}{2772}$	$\frac{21}{44}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{63}\ \Phi_{44}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
148587	1871	1936	$\frac{65}{1936}$	$\frac{1}{22}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{176}\ \Phi_{121}\ \Phi_{44}\ \Phi_{16}\ \Phi_4\ \Phi_1$
148588	1871	2464	$\frac{23}{616}$	$\frac{1}{22}$	$\frac{593}{2464}$	$\frac{21}{44}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{352}\ \Phi_{224}\ \Phi_{176}\ \Phi_{112}\ \Phi_{44}\ \Phi_{32}\ \Phi_{16}\ \Phi_4\ \Phi_1$
148589	1871	1980	$\frac{1}{22}$	$\frac{109}{1980}$	$\frac{23}{132}$	$\frac{21}{44}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
148590	1871	2156	$\frac{1}{22}$	$\frac{23}{308}$	$\frac{285}{2156}$	$\frac{21}{44}$	$\Phi_{2156}\ \Phi_{1078}\ \Phi_{539}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{44}\ \Phi_4\ \Phi_1$
148591	1871	2112	$\frac{1}{22}$	$\frac{23}{264}$	$\frac{241}{2112}$	$\frac{21}{44}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{192}\ \Phi_{176}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{44}\ \Phi_{32}\ \Phi_{16}\ \Phi_4\ \Phi_1$
148592	1871	2090	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{219}{2090}$	$\frac{199}{418}$	$\Phi_{2090}\ \Phi_{1045}\ \Phi_{209}\ \Phi_{190}\ \Phi_{110}\ \Phi_{95}\ \Phi_{55}\ \Phi_{19}\ \Phi_{10}\ \Phi_5\ \Phi_1$
148593	1871	3564	$\frac{89}{1782}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1693}{3564}$	$\Phi_{3564}\ \Phi_{1188}\ \Phi_{396}\ \Phi_{324}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
148594	1871	1950	$\frac{79}{1950}$	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{390}\ \Phi_{325}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}\ \Phi_{75}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}\ \Phi_{25}\ \Phi_{15}\ \Phi_{13}\ \Phi_3\ \Phi_1$
148595	1871	3536	$\frac{1}{34}$	$\frac{103}{1768}$	$\frac{33}{136}$	$\frac{1665}{3536}$	$\Phi_{3536}\ \Phi_{272}\ \Phi_{208}\ \Phi_{136}\ \Phi_{68}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
148596	1871	3500	$\frac{4}{125}$	$\frac{121}{1750}$	$\frac{1}{5}$	$\frac{1629}{3500}$	$\Phi_{3500}\ \Phi_{700}\ \Phi_{500}\ \Phi_{140}\ \Phi_{125}\ \Phi_{100}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
148597	1871	2480	$\frac{11}{620}$	$\frac{1}{10}$	$\frac{609}{2480}$	$\frac{9}{20}$	$\Phi_{2480}\ \Phi_{1240}\ \Phi_{496}\ \Phi_{248}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
148598	1871	1920	$\frac{49}{1920}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
148599	1871	1980	$\frac{109}{1980}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{198}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
148600	1871	3344	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{199}{1672}$	$\frac{1473}{3344}$	$\Phi_{3344}\ \Phi_{304}\ \Phi_{209}\ \Phi_{176}\ \Phi_{19}\ \Phi_{16}\ \Phi_1$
148601	1871	2176	$\frac{1}{34}$	$\frac{33}{272}$	$\frac{305}{2176}$	$\frac{239}{544}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{272}\ \Phi_{136}\ \Phi_{128}\ \Phi_{68}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
148602	1871	3332	$\frac{1}{34}$	$\frac{205}{1666}$	$\frac{33}{238}$	$\frac{1461}{3332}$	$\Phi_{3332}\ \Phi_{476}\ \Phi_{238}\ \Phi_{196}\ \Phi_{119}\ \Phi_{68}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
148603	1871	3300	$\frac{1}{110}$	$\frac{221}{1650}$	$\frac{109}{330}$	$\frac{1429}{3300}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{330}\ \Phi_{300}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{100}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
148604	1871	3300	$\frac{1}{55}$	$\frac{221}{1650}$	$\frac{54}{275}$	$\frac{1429}{3300}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{300}\ \Phi_{275}\ \Phi_{220}\ \Phi_{132}\ \Phi_{100}\ \Phi_{60}\ \Phi_{44}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
148605	1871	2310	$\frac{1}{55}$	$\frac{54}{385}$	$\frac{439}{2310}$	$\frac{331}{770}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{385}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}\ \Phi_{66}\ \Phi_{42}\ \Phi_{35}\ \Phi_{33}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
148606	1871	3264	$\frac{1}{34}$	$\frac{33}{272}$	$\frac{239}{1632}$	$\frac{1393}{3264}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{272}\ \Phi_{192}\ \Phi_{136}\ \Phi_{68}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
148607	1871	1900	$\frac{29}{1900}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{475}\ \Phi_{380}\ \Phi_{190}\ \Phi_{100}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}\ \Phi_{25}\ \Phi_{20}\ \Phi_{19}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
148608	1871	2640	$\frac{1}{110}$	$\frac{109}{660}$	$\frac{769}{2640}$	$\frac{551}{1320}$	Φ_{2640} Φ_{880} Φ_{660} Φ_{528} Φ_{330} Φ_{240} Φ_{220} Φ_{176} Φ_{165} Φ_{132} Φ_{80} Φ_{66} Φ_{60} Φ_{48} Φ_{44} Φ_{33} Φ_{30} Φ_{20} Φ_{16} Φ_{15} Φ_{12} Φ_{6} Φ_{4} Φ_{3} Φ_{1}
148609	1871	2200	$\frac{1}{55}$	$\frac{329}{2200}$	$\frac{54}{275}$	$\frac{221}{550}$	Φ_{2200} Φ_{1100} Φ_{440} Φ_{275} Φ_{220} Φ_{200} Φ_{100} Φ_{88} Φ_{44} Φ_{40} Φ_{25} Φ_{20} Φ_{8} Φ_{4} Φ_{1}
148610	1871	3080	$\frac{1}{55}$	$\frac{54}{385}$	$\frac{331}{1540}$	$\frac{1209}{3080}$	Φ_{3080} Φ_{616} Φ_{440} Φ_{385} Φ_{280} Φ_{88} Φ_{77} Φ_{56} Φ_{40} Φ_{35} Φ_{8} Φ_{7} Φ_{1}
148611	1871	3060	$\frac{1}{170}$	$\frac{341}{1530}$	$\frac{169}{510}$	$\frac{1189}{3060}$	Φ_{3060} Φ_{1020} Φ_{612} Φ_{510} Φ_{340} Φ_{255} Φ_{204} Φ_{180} Φ_{102} Φ_{68} Φ_{60} Φ_{51} Φ_{36} Φ_{30} Φ_{20} Φ_{15} Φ_{12} Φ_{6} Φ_{4} Φ_{3} Φ_{1}
148612	1871	1920	$\frac{49}{1920}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	Φ_{1920} Φ_{960} Φ_{640} Φ_{480} Φ_{384} Φ_{320} Φ_{240} Φ_{192} Φ_{160} Φ_{128} Φ_{120} Φ_{96} Φ_{64} Φ_{60} Φ_{48} Φ_{40} Φ_{32} Φ_{30} Φ_{24} Φ_{20} Φ_{15} Φ_{12} Φ_{8} Φ_{6} Φ_{4} Φ_{3} Φ_{1}
148613	1871	3000	$\frac{4}{375}$	$\frac{1}{5}$	$\frac{371}{1500}$	$\frac{1129}{3000}$	Φ_{3000} Φ_{1000} Φ_{600} Φ_{375} Φ_{200} Φ_{125} Φ_{120} Φ_{75} Φ_{40} Φ_{25} Φ_{24} Φ_{15} Φ_{8} Φ_{3} Φ_{1}
148614	1871	2720	$\frac{1}{170}$	$\frac{169}{680}$	$\frac{849}{2720}$	$\frac{511}{1360}$	Φ_{2720} Φ_{680} Φ_{544} Φ_{340} Φ_{160} Φ_{136} Φ_{68} Φ_{40} Φ_{32} Φ_{20} Φ_{8} Φ_{4} Φ_{1}
148615	1871	1890	$\frac{19}{1890}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	Φ_{1890} Φ_{945} Φ_{630} Φ_{378} Φ_{315} Φ_{270} Φ_{210} Φ_{189} Φ_{135} Φ_{126} Φ_{105} Φ_{90} Φ_{70} Φ_{63} Φ_{54} Φ_{45} Φ_{42} Φ_{35} Φ_{27} Φ_{21} Φ_{18} Φ_{15} Φ_{14} Φ_{9} Φ_{7} Φ_{3} Φ_{1}
148616	1871	1914	$\frac{43}{1914}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	Φ_{1914} Φ_{957} Φ_{638} Φ_{319} Φ_{174} Φ_{87} Φ_{58} Φ_{33} Φ_{29} Φ_{3} Φ_{1}
148617	1871	2856	$\frac{1}{34}$	$\frac{33}{476}$	$\frac{443}{1428}$	$\frac{985}{2856}$	Φ_{2856} Φ_{952} Φ_{476} Φ_{408} Φ_{238} Φ_{168} Φ_{136} Φ_{119} Φ_{68} Φ_{56} Φ_{28} Φ_{24} Φ_{14} Φ_{8} Φ_{7} Φ_{4} Φ_{1}
148618	1871	1938	$\frac{67}{1938}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{35}{102}$	Φ_{1938} Φ_{969} Φ_{646} Φ_{323} Φ_{114} Φ_{57} Φ_{51} Φ_{38} Φ_{19} Φ_{3} Φ_{1}
148619	1871	2820	$\frac{9}{470}$	$\frac{1}{10}$	$\frac{461}{1410}$	$\frac{949}{2820}$	Φ_{2820} Φ_{940} Φ_{564} Φ_{470} Φ_{235} Φ_{188} Φ_{94} Φ_{60} Φ_{47} Φ_{20} Φ_{12} Φ_{4} Φ_{1}
148620	1871	2790	$\frac{11}{930}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{919}{2790}$	Φ_{2790} Φ_{1395} Φ_{558} Φ_{279} Φ_{90} Φ_{45} Φ_{18} Φ_{15} Φ_{9} Φ_{3} Φ_{1}
148621	1871	2775	$\frac{21}{925}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{904}{2775}$	Φ_{2775} Φ_{555} Φ_{111} Φ_{75} Φ_{25} Φ_{15} Φ_{3} Φ_{1}
148622	1871	2772	$\frac{23}{924}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{901}{2772}$	Φ_{2772} Φ_{1386} Φ_{693} Φ_{396} Φ_{252} Φ_{198} Φ_{126} Φ_{99} Φ_{63} Φ_{36} Φ_{33} Φ_{18} Φ_{9} Φ_{3} Φ_{1}
148623	1871	2760	$\frac{31}{920}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{889}{2760}$	Φ_{2760} Φ_{1380} Φ_{690} Φ_{552} Φ_{345} Φ_{276} Φ_{138} Φ_{120} Φ_{69} Φ_{60} Φ_{40} Φ_{30} Φ_{24} Φ_{20} Φ_{15} Φ_{12} Φ_{8} Φ_{6} Φ_{4} Φ_{3} Φ_{1}
148624	1871	2754	$\frac{35}{918}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{883}{2754}$	Φ_{2754} Φ_{1377} Φ_{162} Φ_{81} Φ_{51} Φ_{3} Φ_{1}
148625	1871	2025	$\frac{4}{75}$	$\frac{154}{2025}$	$\frac{1}{5}$	$\frac{71}{225}$	Φ_{2025} Φ_{675} Φ_{405} Φ_{135} Φ_{81} Φ_{75} Φ_{27} Φ_{25} Φ_{15} Φ_{3} Φ_{1}
148626	1871	2448	$\frac{35}{612}$	$\frac{1}{17}$	$\frac{577}{2448}$	$\frac{16}{51}$	Φ_{2448} Φ_{1224} Φ_{816} Φ_{408} Φ_{272} Φ_{144} Φ_{136} Φ_{72} Φ_{51} Φ_{48} Φ_{24} Φ_{16} Φ_{8} Φ_{3} Φ_{1}
148627	1871	1989	$\frac{1}{17}$	$\frac{118}{1989}$	$\frac{35}{153}$	$\frac{16}{51}$	Φ_{1989} Φ_{663} Φ_{221} Φ_{117} Φ_{51} Φ_{39} Φ_{13} Φ_{3} Φ_{1}
148628	1871	2295	$\frac{1}{17}$	$\frac{35}{459}$	$\frac{424}{2295}$	$\frac{16}{51}$	Φ_{2295} Φ_{765} Φ_{255} Φ_{135} Φ_{85} Φ_{51} Φ_{45} Φ_{15} Φ_{5} Φ_{3} Φ_{1}
148629	1871	2040	$\frac{1}{17}$	$\frac{169}{2040}$	$\frac{35}{204}$	$\frac{16}{51}$	Φ_{2040} Φ_{1020} Φ_{680} Φ_{510} Φ_{408} Φ_{340} Φ_{255} Φ_{170} Φ_{136} Φ_{120} Φ_{85} Φ_{60} Φ_{51} Φ_{40} Φ_{30} Φ_{24} Φ_{20} Φ_{15} Φ_{10} Φ_{8} Φ_{5} Φ_{3} Φ_{1}
148630	1871	2142	$\frac{1}{17}$	$\frac{35}{306}$	$\frac{271}{2142}$	$\frac{16}{51}$	Φ_{2142} Φ_{1071} Φ_{714} Φ_{357} Φ_{238} Φ_{126} Φ_{119} Φ_{63} Φ_{51} Φ_{42} Φ_{21} Φ_{14} Φ_{7} Φ_{3} Φ_{1}
148631	1871	2700	$\frac{4}{75}$	$\frac{71}{900}$	$\frac{1}{5}$	$\frac{829}{2700}$	Φ_{2700} Φ_{1350} Φ_{675} Φ_{540} Φ_{270} Φ_{135} Φ_{108} Φ_{75} Φ_{54} Φ_{27} Φ_{25} Φ_{15} Φ_{3} Φ_{1}
148632	1871	2310	$\frac{23}{462}$	$\frac{1}{11}$	$\frac{439}{2310}$	$\frac{10}{33}$	Φ_{2310} Φ_{1155} Φ_{770} Φ_{385} Φ_{330} Φ_{210} Φ_{165} Φ_{110} Φ_{105} Φ_{70} Φ_{55} Φ_{35} Φ_{33} Φ_{30} Φ_{15} Φ_{10} Φ_{5} Φ_{3} Φ_{1}
148633	1871	1980	$\frac{109}{1980}$	$\frac{1}{11}$	$\frac{23}{132}$	$\frac{10}{33}$	Φ_{1980} Φ_{990} Φ_{660} Φ_{495} Φ_{396} Φ_{330} Φ_{220} Φ_{198} Φ_{180} Φ_{165} Φ_{110} Φ_{99} Φ_{90} Φ_{60} Φ_{55} Φ_{45} Φ_{36} Φ_{33} Φ_{30} Φ_{20} Φ_{18} Φ_{15} Φ_{10} Φ_{9} Φ_{5} Φ_{3} Φ_{1}
148634	1871	2112	$\frac{23}{264}$	$\frac{1}{11}$	$\frac{241}{2112}$	$\frac{10}{33}$	Φ_{2112} Φ_{1056} Φ_{704} Φ_{528} Φ_{352} Φ_{192} Φ_{176} Φ_{96} Φ_{64} Φ_{48} Φ_{33} Φ_{32} Φ_{16} Φ_{3} Φ_{1}
148635	1871	2079	$\frac{1}{11}$	$\frac{23}{231}$	$\frac{208}{2079}$	$\frac{10}{33}$	Φ_{2079} Φ_{693} Φ_{297} Φ_{189} Φ_{99} Φ_{63} Φ_{33} Φ_{27} Φ_{9} Φ_{3} Φ_{1}
148636	1871	2673	$\frac{1}{11}$	$\frac{89}{891}$	$\frac{10}{99}$	$\frac{802}{2673}$	Φ_{2673} Φ_{243} Φ_{99} Φ_{33} Φ_{9} Φ_{3} Φ_{1}
148637	1871	2079	$\frac{1}{11}$	$\frac{208}{2079}$	$\frac{10}{99}$	$\frac{89}{297}$	Φ_{2079} Φ_{693} Φ_{231} Φ_{189} Φ_{99} Φ_{77} Φ_{63} Φ_{33} Φ_{21} Φ_{9} Φ_{7} Φ_{3} Φ_{1}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
148638	1871	2448	$\frac{1}{34}$	$\frac{33}{272}$	$\frac{577}{2448}$	$\frac{239}{816}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{272}\ \Phi_{153}\ \Phi_{144}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
148639	1871	2625	$\frac{4}{125}$	$\frac{121}{875}$	$\frac{1}{5}$	$\frac{754}{2625}$	$\Phi_{2625}\ \Phi_{525}\ \Phi_{375}\ \Phi_{125}\ \Phi_{105}\ \Phi_{75}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_3\ \Phi_1$
148640	1871	2475	$\frac{1}{55}$	$\frac{54}{275}$	$\frac{604}{2475}$	$\frac{221}{825}$	$\Phi_{2475}\ \Phi_{495}\ \Phi_{275}\ \Phi_{225}\ \Phi_{99}\ \Phi_{45}\ \Phi_{25}\ \Phi_9\ \Phi_1$
148641	1871	2325	$\frac{11}{465}$	$\frac{454}{2325}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2325}\ \Phi_{775}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
148642	1871	1920	$\frac{49}{1920}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$
148643	1871	2508	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{199}{836}$	$\frac{637}{2508}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{627}\ \Phi_{228}\ \Phi_{209}\ \Phi_{132}\ \Phi_{114}\ \Phi_{66}\ \Phi_{57}\ \Phi_{33}\ \Phi_{19}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
148644	1871	2100	$\frac{4}{75}$	$\frac{229}{2100}$	$\frac{1}{5}$	$\frac{71}{300}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{75}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_7\ \Phi_3\ \Phi_1$
148645	1871	2400	$\frac{4}{75}$	$\frac{71}{600}$	$\frac{1}{5}$	$\frac{529}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{75}\ \Phi_{48}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_{15}\ \Phi_3\ \Phi_1$
148646	1871	2376	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{594}$	$\frac{505}{2376}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{216}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
148647	1871	2250	$\frac{4}{75}$	$\frac{71}{450}$	$\frac{379}{2250}$	$\frac{1}{5}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{750}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
148648	1872	1401	$\frac{1}{467}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{233}{467}$	$\Phi_{1401}\ \Phi_{467}^2\ \Phi_3^2\ \Phi_1^4$
148649	1872	1871	$\frac{5}{1871}$	$\frac{469}{1871}$	$\frac{701}{1871}$	$\frac{933}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148650	1872	2811	$\frac{3}{937}$	$\frac{235}{937}$	$\frac{1}{3}$	$\frac{467}{937}$	Φ_{2811}
148651	1872	1555	$\frac{1}{311}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{155}{311}$	$\Phi_{1555}\ \Phi_{311}^2\ \Phi_5^2\ \Phi_1^4$
148652	1872	3732	$\frac{1}{311}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{155}{311}$	$\Phi_{3732}\ \Phi_{1866}\ \Phi_{12}^2\ \Phi_6^2$
148653	1872	1871	$\frac{7}{1871}$	$\frac{313}{1871}$	$\frac{779}{1871}$	$\frac{932}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148654	1872	1631	$\frac{1}{233}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{116}{233}$	$\Phi_{1631}\ \Phi_{233}^2\ \Phi_7^2\ \Phi_1^4$
148655	1872	3495	$\frac{1}{233}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{116}{233}$	$\Phi_{3495}\ \Phi_{15}^2$
148656	1872	2500	$\frac{3}{625}$	$\frac{1}{4}$	$\frac{157}{625}$	$\frac{311}{625}$	$\Phi_{2500}\ \Phi_{1250}\ \Phi_{500}\ \Phi_{250}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
148657	1872	1871	$\frac{9}{1871}$	$\frac{235}{1871}$	$\frac{818}{1871}$	$\frac{931}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148658	1872	1871	$\frac{9}{1871}$	$\frac{467}{1871}$	$\frac{470}{1871}$	$\frac{931}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148659	1872	3312	$\frac{1}{207}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{103}{207}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{207}\ \Phi_{144}\ \Phi_{69}\ \Phi_{48}\ \Phi_{23}\ \Phi_{16}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
148660	1872	828	$\frac{1}{207}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{103}{207}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}^2\ \Phi_{207}^3\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{36}^2\ \Phi_{23}^3\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
148661	1872	2811	$\frac{5}{937}$	$\frac{157}{937}$	$\frac{1}{3}$	$\frac{466}{937}$	Φ_{2811}
148662	1872	2345	$\frac{3}{469}$	$\frac{1}{5}$	$\frac{118}{469}$	$\frac{233}{469}$	$\Phi_{2345}\ \Phi_{335}\ \Phi_{35}$
148663	1872	1705	$\frac{1}{155}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{77}{155}$	$\Phi_{1705}\ \Phi_{341}\ \Phi_{155}^2\ \Phi_{55}\ \Phi_{31}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
148664	1872	3255	$\frac{1}{155}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{77}{155}$	$\Phi_{3255}\ \Phi_{651}\ \Phi_{105}\ \Phi_{21}^2$
148665	1872	1705	$\frac{1}{155}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{77}{155}$	$\Phi_{1705}\ \Phi_{341}\ \Phi_{155}^2\ \Phi_{55}\ \Phi_{31}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
148666	1872	620	$\frac{1}{155}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{77}{155}$	$\Phi_{620}^4\ \Phi_{310}^4\ \Phi_{124}^4\ \Phi_{62}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_4^4\ \Phi_2^4$
148667	1872	1871	$\frac{13}{1871}$	$\frac{157}{1871}$	$\frac{857}{1871}$	$\frac{929}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148668	1872	1871	$\frac{13}{1871}$	$\frac{314}{1871}$	$\frac{519}{1871}$	$\frac{929}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148669	1872	1871	$\frac{13}{1871}$	$\frac{350}{1871}$	$\frac{471}{1871}$	$\frac{929}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148670	1872	3432	$\frac{1}{143}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{71}{143}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{264}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}\ \Phi_{24}^2\ \Phi_{13}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
148671	1872	2145	$\frac{1}{143}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{71}{143}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{195}\ \Phi_{165}\ \Phi_{143}\ \Phi_{65}\ \Phi_{55}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{11}\ \Phi_5^2\ \Phi_1^2$
148672	1872	2574	$\frac{1}{143}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{71}{143}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{234}\ \Phi_{198}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{18}^2\ \Phi_{13}\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
148673	1872	2288	$\frac{1}{143}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{71}{143}$	$\Phi_{2288}\ \Phi_{1144}\ \Phi_{208}\ \Phi_{176}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
148674	1872	2811	$\frac{7}{937}$	$\frac{118}{937}$	$\frac{1}{3}$	$\frac{465}{937}$	Φ_{2811}
148675	1872	500	$\frac{1}{125}$	$\frac{21}{125}$	$\frac{1}{4}$	$\frac{62}{125}$	$\Phi_{500}^5\ \Phi_{250}^5\ \Phi_{100}^5\ \Phi_{50}^5\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_4^4\ \Phi_2^4$
148676	1872	3480	$\frac{1}{116}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{115}{232}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{696}\ \Phi_{232}^2\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
148677	1872	2088	$\frac{1}{116}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{115}{232}$	$\Phi_{2088}^2\ \Phi_{696}\ \Phi_{232}^2\ \Phi_{72}^2\ \Phi_{24}\ \Phi_9^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
148678	1872	1160	$\frac{1}{116}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{115}{232}$	$\Phi_{1160}^3\ \Phi_{232}^4\ \Phi_{40}^3\ \Phi_8^4\ \Phi_5^3\ \Phi_1^4$
148679	1872	1871	$\frac{17}{1871}$	$\frac{236}{1871}$	$\frac{545}{1871}$	$\frac{927}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148680	1872	2191	$\frac{3}{313}$	$\frac{1}{7}$	$\frac{79}{313}$	$\frac{155}{313}$	Φ_{2191}
148681	1872	1751	$\frac{1}{103}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{51}{103}$	$\Phi_{1751}\ \Phi_{103}^2\ \Phi_{17}^2\ \Phi_1^4$
148682	1872	3090	$\frac{1}{103}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{51}{103}$	$\Phi_{3090}\ \Phi_{1545}\ \Phi_{618}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
148683	1872	1751	$\frac{1}{103}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{51}{103}$	$\Phi_{1751}\ \Phi_{103}^2\ \Phi_{17}^2\ \Phi_1^4$
148684	1872	2884	$\frac{1}{103}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{51}{103}$	$\Phi_{2884}\ \Phi_{1442}\ \Phi_{28}^2\ \Phi_{14}^2$
148685	1872	1871	$\frac{19}{1871}$	$\frac{105}{1871}$	$\frac{883}{1871}$	$\frac{926}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148686	1872	1871	$\frac{19}{1871}$	$\frac{315}{1871}$	$\frac{389}{1871}$	$\frac{926}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148687	1872	2345	$\frac{5}{469}$	$\frac{79}{469}$	$\frac{1}{5}$	$\frac{232}{469}$	$\Phi_{2345}\ \Phi_{335}\ \Phi_{35}$
148688	1872	2500	$\frac{7}{625}$	$\frac{79}{625}$	$\frac{1}{4}$	$\frac{309}{625}$	$\Phi_{2500}\ \Phi_{1250}\ \Phi_{500}\ \Phi_{250}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
148689	1872	1871	$\frac{21}{1871}$	$\frac{233}{1871}$	$\frac{473}{1871}$	$\frac{925}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148690	1872	2811	$\frac{11}{937}$	$\frac{79}{937}$	$\frac{1}{3}$	$\frac{463}{937}$	Φ_{2811}
148691	1872	1771	$\frac{1}{77}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{38}{77}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{161}\ \Phi_{77}^2\ \Phi_{23}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
148692	1872	3003	$\frac{1}{77}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{38}{77}$	$\Phi_{3003}\ \Phi_{429}\ \Phi_{273}\ \Phi_{39}^2$
148693	1872	1771	$\frac{1}{77}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{38}{77}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{161}\ \Phi_{77}^2\ \Phi_{23}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
148694	1872	2772	$\frac{1}{77}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{38}{77}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{462}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{132}\ \Phi_{126}\ \Phi_{84}\ \Phi_{66}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
148695	1872	1771	$\frac{1}{77}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{38}{77}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{161}\ \Phi_{77}^2\ \Phi_{23}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
148696	1872	385	$\frac{1}{77}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{38}{77}$	$\Phi_{385}^6\ \Phi_{55}^6\ \Phi_{35}^7\ \Phi_5^6$
148697	1872	1871	$\frac{25}{1871}$	$\frac{79}{1871}$	$\frac{896}{1871}$	$\frac{923}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148698	1872	1871	$\frac{25}{1871}$	$\frac{158}{1871}$	$\frac{571}{1871}$	$\frac{923}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148699	1872	1775	$\frac{1}{71}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{35}{71}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}^2\ \Phi_{25}^2\ \Phi_5^2\ \Phi_1^4$
148700	1872	2982	$\frac{1}{71}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{35}{71}$	$\Phi_{2982}\ \Phi_{1491}\ \Phi_{426}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
148701	1872	1065	$\frac{1}{71}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{35}{71}$	$\Phi_{1065}^2\ \Phi_{355}\ \Phi_{213}^2\ \Phi_{71}^2\ \Phi_{15}^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
148702	1872	2090	$\frac{3}{209}$	$\frac{1}{10}$	$\frac{53}{209}$	$\frac{103}{209}$	$\Phi_{2090}\ \Phi_{1045}\ \Phi_{418}\ \Phi_{190}\ \Phi_{110}\ \Phi_{95}\ \Phi_{55}\ \Phi_{38}\ \Phi_{22}$
148703	1872	1871	$\frac{27}{1871}$	$\frac{73}{1871}$	$\frac{899}{1871}$	$\frac{922}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148704	1872	670	$\frac{1}{67}$	$\frac{17}{134}$	$\frac{1}{5}$	$\frac{33}{67}$	$\Phi_{670}^4\ \Phi_{335}^3\ \Phi_{10}^4\ \Phi_5^2$
148705	1872	2191	$\frac{5}{313}$	$\frac{1}{7}$	$\frac{53}{313}$	$\frac{154}{313}$	Φ_{2191}
148706	1872	1871	$\frac{31}{1871}$	$\frac{259}{1871}$	$\frac{317}{1871}$	$\frac{920}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148707	1872	2070	$\frac{2}{115}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{113}{230}$	$\Phi_{2070}^2\ \Phi_{690}^2\ \Phi_{414}^2\ \Phi_{138}^2\ \Phi_{90}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_6^2$
148708	1872	2500	$\frac{11}{625}$	$\frac{53}{625}$	$\frac{1}{4}$	$\frac{307}{625}$	$\Phi_{2500}\ \Phi_{1250}\ \Phi_{500}\ \Phi_{250}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
148709	1872	1871	$\frac{33}{1871}$	$\frac{119}{1871}$	$\frac{584}{1871}$	$\frac{919}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148710	1872	1871	$\frac{33}{1871}$	$\frac{155}{1871}$	$\frac{476}{1871}$	$\frac{919}{1871}$	$\Phi_{1871}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
148711	1872	2811	$\frac{17}{937}$	$\frac{53}{937}$	$\frac{1}{3}$	$\frac{460}{937}$	Φ_{2811}
148712	1872	2041	$\frac{3}{157}$	$\frac{1}{13}$	$\frac{40}{157}$	$\frac{77}{157}$	Φ_{2041}
148713	1872	1785	$\frac{1}{51}$	$\frac{1}{35}$	$\frac{17}{35}$	$\frac{25}{51}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}\ \Phi_{85}\ \Phi_{51}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{17}^2\ \Phi_{15}\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
148714	1872	969	$\frac{1}{51}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{969}^2\ \Phi_{323}^2\ \Phi_{57}^3\ \Phi_{19}^2$
148715	1872	1785	$\frac{1}{51}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{25}{51}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}\ \Phi_{85}\ \Phi_{51}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{17}^2\ \Phi_{15}\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
148716	1872	2652	$\frac{1}{51}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{25}{51}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{884}\ \Phi_{442}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{26}^2$
148717	1872	1785	$\frac{1}{51}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{25}{51}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}\ \Phi_{85}\ \Phi_{51}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{17}^2\ \Phi_{15}\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
148718	1872	510	$\frac{1}{51}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{25}{51}$	$\Phi_{510}^4\ \Phi_{255}^3\ \Phi_{170}^4\ \Phi_{102}^4\ \Phi_{85}^3\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{30}^4\ \Phi_{17}^4\ \Phi_{15}^3\ \Phi_{10}^8\ \Phi_6^4\ \Phi_5^6\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
148719	1872	357	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{25}{51}$	$\Phi_{357}^5\ \Phi_{119}^5\ \Phi_{51}^6\ \Phi_{21}^5\ \Phi_{17}^6\ \Phi_7^{10}\ \Phi_3^6\ \Phi_1^{12}$
148720	1872	1871	$\frac{37}{1871}$	$\frac{53}{1871}$	$\frac{909}{1871}$	$\frac{917}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148721	1872	1871	$\frac{37}{1871}$	$\frac{159}{1871}$	$\frac{428}{1871}$	$\frac{917}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148722	1872	2030	$\frac{3}{145}$	$\frac{1}{14}$	$\frac{37}{145}$	$\frac{71}{145}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{406}\ \Phi_{290}\ \Phi_{203}\ \Phi_{70}\ \Phi_{58}\ \Phi_{35}\ \Phi_{10}$
148723	1872	3572	$\frac{1}{47}$	$\frac{1}{38}$	$\frac{37}{76}$	$\frac{23}{47}$	$\Phi_{3572}\ \Phi_{188}\ \Phi_{76}^2\ \Phi_{47}\ \Phi_4^2\ \Phi_1^2$
148724	1872	893	$\frac{1}{47}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{23}{47}$	$\Phi_{893}^2\ \Phi_{47}^3\ \Phi_{19}^4\ \Phi_1^6$
148725	1872	1316	$\frac{1}{47}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{23}{47}$	$\Phi_{1316}^2\ \Phi_{658}\ \Phi_{329}\ \Phi_{188}\ \Phi_{47}\ \Phi_{28}^4\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
148726	1872	423	$\frac{1}{47}$	$\frac{1}{9}$	$\frac{8}{47}$	$\frac{23}{47}$	$\Phi_{423}^5\ \Phi_{141}^5\ \Phi_9^4\ \Phi_3^4$
148727	1872	1871	$\frac{41}{1871}$	$\frac{239}{1871}$	$\frac{272}{1871}$	$\frac{915}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148728	1872	2191	$\frac{7}{313}$	$\frac{40}{313}$	$\frac{1}{7}$	$\frac{153}{313}$	Φ_{2191}
148729	1872	1871	$\frac{43}{1871}$	$\frac{194}{1871}$	$\frac{319}{1871}$	$\frac{914}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148730	1872	2345	$\frac{11}{469}$	$\frac{40}{469}$	$\frac{1}{5}$	$\frac{229}{469}$	$\Phi_{2345}\ \Phi_{335}\ \Phi_{35}$
148731	1872	500	$\frac{3}{125}$	$\frac{8}{125}$	$\frac{1}{4}$	$\frac{61}{125}$	$\Phi_{500}^5\ \Phi_{250}^5\ \Phi_{100}^5\ \Phi_{50}^5\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_4^4\ \Phi_2^4$
148732	1872	1871	$\frac{45}{1871}$	$\frac{116}{1871}$	$\frac{479}{1871}$	$\frac{913}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148733	1872	2811	$\frac{23}{937}$	$\frac{40}{937}$	$\frac{1}{3}$	$\frac{457}{937}$	Φ_{2811}
148734	1872	1871	$\frac{49}{1871}$	$\frac{80}{1871}$	$\frac{597}{1871}$	$\frac{911}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148735	1872	1871	$\frac{49}{1871}$	$\frac{107}{1871}$	$\frac{480}{1871}$	$\frac{911}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148736	1872	5700	$\frac{1}{38}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{5700}\ \Phi_{1140}\ \Phi_{300}\ \Phi_{75}\ \Phi_{60}\ \Phi_{15}$
148737	1872	3572	$\frac{1}{38}$	$\frac{2}{47}$	$\frac{15}{47}$	$\frac{37}{76}$	$\Phi_{3572}\ \Phi_{188}\ \Phi_{76}^2\ \Phi_{47}\ \Phi_4^2\ \Phi_1^2$
148738	1872	1292	$\frac{1}{38}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{37}{76}$	$\Phi_{1292}\ \Phi_{646}^2\ \Phi_{323}^2\ \Phi_{68}^2\ \Phi_{34}^3\ \Phi_{17}^2$
148739	1872	3572	$\frac{1}{38}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{37}{76}$	$\Phi_{3572}\ \Phi_{188}\ \Phi_{76}^2\ \Phi_{47}\ \Phi_4^2\ \Phi_1^2$
148740	1872	4940	$\frac{1}{38}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{37}{76}$	$\Phi_{4940}\ \Phi_{260}\ \Phi_{65}$
148741	1872	3572	$\frac{1}{38}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{37}{76}$	$\Phi_{3572}\ \Phi_{188}\ \Phi_{76}^2\ \Phi_{47}\ \Phi_4^2\ \Phi_1^2$
148742	1872	4788	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{37}{76}$	$\Phi_{4788}\ \Phi_{1596}\ \Phi_{252}\ \Phi_{84}\ \Phi_{63}\ \Phi_{21}$
148743	1872	2811	$\frac{25}{937}$	$\frac{37}{937}$	$\frac{1}{3}$	$\frac{456}{937}$	Φ_{2811}
148744	1872	1871	$\frac{53}{1871}$	$\frac{74}{1871}$	$\frac{599}{1871}$	$\frac{909}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148745	1872	945	$\frac{1}{35}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{27}^4\ \Phi_{21}\ \Phi_{15}\ \Phi_9^4\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
148746	1872	665	$\frac{1}{35}$	$\frac{1}{19}$	$\frac{9}{35}$	$\frac{17}{35}$	$\Phi_{665}^3\ \Phi_{133}^3\ \Phi_{95}^3\ \Phi_{19}^2$
148747	1872	595	$\frac{1}{35}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{17}{35}$	$\Phi_{595}^3\ \Phi_{119}^3\ \Phi_{85}^3\ \Phi_{35}^4\ \Phi_{17}^6\ \Phi_7^4\ \Phi_5^4\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
148748	1872	70	$\frac{1}{35}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{17}{35}$	$\Phi_{70}^{29}\ \Phi_{35}^{25}\ \Phi_{14}^{28}\ \Phi_{10}^{29}\ \Phi_{7}^{24}\ \Phi_{5}^{24}\ \Phi_{2}^{28}\ \Phi_{1}^{24}$
148749	1872	1871	$\frac{55}{1871}$	$\frac{107}{1871}$	$\frac{441}{1871}$	$\frac{908}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
148750	1872	2041	$\frac{5}{157}$	$\frac{1}{13}$	$\frac{27}{157}$	$\frac{76}{157}$	Φ_{2041}
148751	1872	1871	$\frac{61}{1871}$	$\frac{161}{1871}$	$\frac{285}{1871}$	$\frac{905}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
148752	1872	2090	$\frac{7}{209}$	$\frac{1}{10}$	$\frac{27}{209}$	$\frac{101}{209}$	$\Phi_{2090}\ \Phi_{1045}\ \Phi_{418}\ \Phi_{190}\ \Phi_{110}\ \Phi_{95}\ \Phi_{55}\ \Phi_{38}\ \Phi_{22}$
148753	1872	406	$\frac{1}{29}$	$\frac{1}{14}$	$\frac{5}{29}$	$\frac{14}{29}$	$\Phi_{406}^{5}\ \Phi_{203}^{5}\ \Phi_{58}^{5}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{2}^{4}$
148754	1872	1871	$\frac{65}{1871}$	$\frac{181}{1871}$	$\frac{242}{1871}$	$\frac{903}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
148755	1872	2191	$\frac{11}{313}$	$\frac{27}{313}$	$\frac{1}{7}$	$\frac{151}{313}$	Φ_{2191}
148756	1872	1871	$\frac{67}{1871}$	$\frac{129}{1871}$	$\frac{323}{1871}$	$\frac{902}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
148757	1872	2345	$\frac{17}{469}$	$\frac{27}{469}$	$\frac{1}{5}$	$\frac{226}{469}$	$\Phi_{2345}\ \Phi_{335}\ \Phi_{35}$
148758	1872	2500	$\frac{23}{625}$	$\frac{27}{625}$	$\frac{1}{4}$	$\frac{301}{625}$	$\Phi_{2500}\ \Phi_{1250}\ \Phi_{500}\ \Phi_{250}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
148759	1872	1871	$\frac{69}{1871}$	$\frac{77}{1871}$	$\frac{485}{1871}$	$\frac{901}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
148760	1872	2811	$\frac{27}{937}$	$\frac{35}{937}$	$\frac{1}{3}$	$\frac{451}{937}$	Φ_{2811}
148761	1872	1871	$\frac{73}{1871}$	$\frac{119}{1871}$	$\frac{324}{1871}$	$\frac{899}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
148762	1872	2775	$\frac{1}{37}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{2775}\ \Phi_{555}\ \Phi_{111}^{2}$
148763	1872	1775	$\frac{2}{71}$	$\frac{1}{25}$	$\frac{23}{71}$	$\frac{12}{25}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}^{2}\ \Phi_{25}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
148764	1872	100	$\frac{1}{25}$	$\frac{1}{25}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{100}^{25}\ \Phi_{50}^{25}\ \Phi_{20}^{25}\ \Phi_{10}^{25}\ \Phi_{4}^{24}\ \Phi_{2}^{24}$
148765	1872	1775	$\frac{1}{25}$	$\frac{3}{71}$	$\frac{17}{71}$	$\frac{12}{25}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}^{2}\ \Phi_{25}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
148766	1872	475	$\frac{1}{25}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{475}^{4}\ \Phi_{95}^{5}\ \Phi_{19}^{4}$
148767	1872	1775	$\frac{1}{25}$	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{12}{25}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}^{2}\ \Phi_{25}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
148768	1872	2275	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{12}{25}$	$\Phi_{2275}\ \Phi_{455}\ \Phi_{91}^{2}$
148769	1872	1775	$\frac{1}{25}$	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{12}{25}$	$\Phi_{1775}\ \Phi_{355}\ \Phi_{71}^{2}\ \Phi_{25}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
148770	1872	450	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{12}{25}$	$\Phi_{450}^{5}\ \Phi_{225}^{4}\ \Phi_{150}^{5}\ \Phi_{90}^{6}\ \Phi_{75}^{4}\ \Phi_{45}^{5}\ \Phi_{30}^{6}\ \Phi_{18}^{6}\ \Phi_{15}^{5}\ \Phi_{9}^{4}\ \Phi_{6}^{6}\ \Phi_{3}^{4}$
148771	1872	1971	$\frac{1}{27}$	$\frac{3}{73}$	$\frac{19}{73}$	$\frac{35}{73}$	$\Phi_{1971}\ \Phi_{657}\ \Phi_{219}$
148772	1872	1871	$\frac{75}{1871}$	$\frac{79}{1871}$	$\frac{449}{1871}$	$\frac{896}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
148773	1872	2760	$\frac{1}{40}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{120}^{2}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
148774	1872	1771	$\frac{2}{77}$	$\frac{1}{23}$	$\frac{25}{77}$	$\frac{11}{23}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{161}\ \Phi_{77}^{2}\ \Phi_{23}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
148775	1872	2484	$\frac{1}{27}$	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{138}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
148776	1872	1771	$\frac{1}{23}$	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{11}{23}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{161}\ \Phi_{77}^{2}\ \Phi_{23}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
148777	1872	322	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{11}{23}$	$\Phi_{322}^{6}\ \Phi_{161}^{5}\ \Phi_{46}^{6}\ \Phi_{23}^{6}\ \Phi_{14}^{12}\ \Phi_{7}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
148778	1872	1012	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{11}{23}$	$\Phi_{1012}^{2}\ \Phi_{506}^{2}\ \Phi_{253}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{44}^{4}\ \Phi_{23}^{2}\ \Phi_{22}^{4}\ \Phi_{11}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
148779	1872	1197	$\frac{1}{21}$	$\frac{1}{19}$	$\frac{11}{63}$	$\frac{10}{21}$	$\Phi_{1197}^{2}\ \Phi_{399}\ \Phi_{171}^{2}\ \Phi_{133}\ \Phi_{57}$
148780	1872	2030	$\frac{7}{145}$	$\frac{1}{14}$	$\frac{19}{145}$	$\frac{69}{145}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{406}\ \Phi_{290}\ \Phi_{203}\ \Phi_{70}\ \Phi_{58}\ \Phi_{35}\ \Phi_{10}$
148781	1872	990	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{47}{99}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{330}^{2}\ \Phi_{198}^{2}\ \Phi_{165}^{2}\ \Phi_{110}^{3}\ \Phi_{90}^{2}\ \Phi_{66}^{2}\ \Phi_{55}^{3}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{22}^{3}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}$
148782	1872	1871	$\frac{41}{1871}$	$\frac{97}{1871}$	$\frac{610}{1871}$	$\frac{887}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
148783	1872	1871	$\frac{97}{1871}$	$\frac{125}{1871}$	$\frac{246}{1871}$	$\frac{887}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
148784	1872	570	$\frac{1}{19}$	$\frac{5}{57}$	$\frac{1}{10}$	$\frac{9}{19}$	$\Phi_{570}^{4}\ \Phi_{285}^{4}\ \Phi_{190}^{3}\ \Phi_{114}^{4}\ \Phi_{95}^{3}\ \Phi_{38}^{3}\ \Phi_{30}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{2}^{2}$
148785	1872	2345	$\frac{19}{469}$	$\frac{25}{469}$	$\frac{1}{5}$	$\frac{222}{469}$	$\Phi_{2345}\ \Phi_{335}\ \Phi_{35}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
148786	1872	1871	$\frac{53}{1871}$	$\frac{101}{1871}$	$\frac{493}{1871}$	$\frac{885}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148787	1872	2811	$\frac{19}{937}$	$\frac{51}{937}$	$\frac{1}{3}$	$\frac{443}{937}$	Φ_{2811}
148788	1872	1871	$\frac{38}{1871}$	$\frac{105}{1871}$	$\frac{611}{1871}$	$\frac{883}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148789	1872	1961	$\frac{1}{37}$	$\frac{3}{53}$	$\frac{14}{53}$	$\frac{25}{53}$	Φ_{1961}
148790	1872	1871	$\frac{55}{1871}$	$\frac{109}{1871}$	$\frac{454}{1871}$	$\frac{881}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148791	1872	2703	$\frac{1}{53}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{2703}\ \Phi_{159}^2$
148792	1872	1751	$\frac{3}{103}$	$\frac{1}{17}$	$\frac{25}{103}$	$\frac{8}{17}$	$\Phi_{1751}\ \Phi_{103}^2\ \Phi_{17}^2\ \Phi_1^4$
148793	1872	2295	$\frac{1}{27}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{2295}\ \Phi_{765}\ \Phi_{255}\ \Phi_{135}^2\ \Phi_{45}^2\ \Phi_{15}^2$
148794	1872	1751	$\frac{1}{17}$	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{8}{17}$	$\Phi_{1751}\ \Phi_{103}^2\ \Phi_{17}^2\ \Phi_1^4$
148795	1872	2142	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{8}{17}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{714}\ \Phi_{357}\ \Phi_{306}\ \Phi_{126}^2\ \Phi_{102}\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_6^2$
148796	1872	1960	$\frac{1}{40}$	$\frac{3}{49}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
148797	1872	931	$\frac{1}{19}$	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{23}{49}$	$\Phi_{931}^2\ \Phi_{133}^3\ \Phi_{19}^2$
148798	1872	1975	$\frac{1}{25}$	$\frac{5}{79}$	$\frac{14}{79}$	$\frac{37}{79}$	$\Phi_{1975}\ \Phi_{395}$
148799	1872	1871	$\frac{83}{1871}$	$\frac{121}{1871}$	$\frac{298}{1871}$	$\frac{875}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148800	1872	870	$\frac{1}{58}$	$\frac{1}{15}$	$\frac{19}{58}$	$\frac{7}{15}$	$\Phi_{870}^2\ \Phi_{435}^2\ \Phi_{290}^2\ \Phi_{174}^2\ \Phi_{145}^2\ \Phi_{87}^2\ \Phi_{58}^4\ \Phi_{30}^2\ \Phi_{29}^4\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^3\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
148801	1872	120	$\frac{1}{40}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{120}^{15}\ \Phi_{60}^{14}\ \Phi_{40}^{18}\ \Phi_{30}^{14}\ \Phi_{24}^{15}\ \Phi_{20}^{17}\ \Phi_{15}^{15}\ \Phi_{12}^{14}\ \Phi_{10}^{17}\ \Phi_8^{18}\ \Phi_6^{14}\ \Phi_5^{18}\ \Phi_4^{16}\ \Phi_3^{15}\ \Phi_2^{16}\ \Phi_1^{18}$
148802	1872	435	$\frac{1}{29}$	$\frac{1}{15}$	$\frac{28}{145}$	$\frac{7}{15}$	$\Phi_{435}^4\ \Phi_{145}^5\ \Phi_{87}^4\ \Phi_{29}^4\ \Phi_{15}^5\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
148803	1872	285	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{7}{15}$	$\Phi_{285}^7\ \Phi_{95}^7\ \Phi_{57}^7\ \Phi_{19}^6$
148804	1872	435	$\frac{1}{15}$	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{7}{15}$	$\Phi_{435}^4\ \Phi_{145}^4\ \Phi_{87}^4\ \Phi_{29}^8\ \Phi_{15}^5\ \Phi_5^5\ \Phi_3^5\ \Phi_1^{10}$
148805	1872	210	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{7}{15}$	$\Phi_{210}^9\ \Phi_{105}^9\ \Phi_{70}^{11}\ \Phi_{42}^9\ \Phi_{35}^{11}\ \Phi_{30}^4\ \Phi_{21}^9\ \Phi_{15}^5\ \Phi_{14}^{10}\ \Phi_{10}^5\ \Phi_7^{10}\ \Phi_6^4\ \Phi_5^6\ \Phi_3^5\ \Phi_2^4\ \Phi_1^6$
148806	1872	1871	$\frac{111}{1871}$	$\frac{127}{1871}$	$\frac{220}{1871}$	$\frac{872}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148807	1872	1971	$\frac{1}{27}$	$\frac{5}{73}$	$\frac{13}{73}$	$\frac{34}{73}$	$\Phi_{1971}\ \Phi_{657}\ \Phi_{219}$
148808	1872	1871	$\frac{125}{1871}$	$\frac{129}{1871}$	$\frac{194}{1871}$	$\frac{871}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148809	1872	1871	$\frac{77}{1871}$	$\frac{131}{1871}$	$\frac{299}{1871}$	$\frac{870}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148810	1872	2041	$\frac{11}{157}$	$\frac{1}{13}$	$\frac{14}{157}$	$\frac{73}{157}$	Φ_{2041}
148811	1872	1871	$\frac{133}{1871}$	$\frac{142}{1871}$	$\frac{167}{1871}$	$\frac{869}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148812	1872	2090	$\frac{14}{209}$	$\frac{15}{209}$	$\frac{1}{10}$	$\frac{97}{209}$	$\Phi_{2090}\ \Phi_{1045}\ \Phi_{418}\ \Phi_{190}\ \Phi_{110}\ \Phi_{95}\ \Phi_{55}\ \Phi_{38}\ \Phi_{22}$
148813	1872	2115	$\frac{14}{235}$	$\frac{17}{235}$	$\frac{1}{9}$	$\frac{109}{235}$	$\Phi_{2115}\ \Phi_{705}\ \Phi_{423}\ \Phi_{141}\ \Phi_{45}\ \Phi_{15}$
148814	1872	1871	$\frac{90}{1871}$	$\frac{137}{1871}$	$\frac{251}{1871}$	$\frac{867}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148815	1872	2191	$\frac{14}{313}$	$\frac{23}{313}$	$\frac{1}{7}$	$\frac{145}{313}$	Φ_{2191}
148816	1872	1871	$\frac{64}{1871}$	$\frac{139}{1871}$	$\frac{335}{1871}$	$\frac{866}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148817	1872	335	$\frac{2}{67}$	$\frac{5}{67}$	$\frac{1}{5}$	$\frac{31}{67}$	$\Phi_{335}^7\ \Phi_5^6$
148818	1872	2500	$\frac{14}{625}$	$\frac{47}{625}$	$\frac{1}{4}$	$\frac{289}{625}$	$\Phi_{2500}\ \Phi_{1250}\ \Phi_{500}\ \Phi_{250}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
148819	1872	1871	$\frac{38}{1871}$	$\frac{141}{1871}$	$\frac{503}{1871}$	$\frac{865}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148820	1872	2811	$\frac{14}{937}$	$\frac{71}{937}$	$\frac{1}{3}$	$\frac{433}{937}$	Φ_{2811}
148821	1872	2030	$\frac{1}{14}$	$\frac{11}{145}$	$\frac{13}{145}$	$\frac{67}{145}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{406}\ \Phi_{290}\ \Phi_{203}\ \Phi_{70}\ \Phi_{58}\ \Phi_{35}\ \Phi_{10}$
148822	1872	1871	$\frac{131}{1871}$	$\frac{145}{1871}$	$\frac{168}{1871}$	$\frac{863}{1871}$	$\Phi_{1871}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
148823	1872	2191	$\frac{13}{313}$	$\frac{25}{313}$	$\frac{1}{7}$	$\frac{144}{313}$	Φ_{2191}
148824	1872	1871	$\frac{59}{1871}$	$\frac{151}{1871}$	$\frac{337}{1871}$	$\frac{860}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
148825	1872	1961	$\frac{1}{53}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	Φ_{1961}
148826	1872	2500	$\frac{13}{625}$	$\frac{51}{625}$	$\frac{1}{4}$	$\frac{287}{625}$	$\Phi_{2500}\ \Phi_{1250}\ \Phi_{500}\ \Phi_{250}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
148827	1872	1871	$\frac{35}{1871}$	$\frac{153}{1871}$	$\frac{506}{1871}$	$\frac{859}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
148828	1872	2811	$\frac{13}{937}$	$\frac{77}{937}$	$\frac{1}{3}$	$\frac{430}{937}$	Φ_{2811}
148829	1872	1752	$\frac{1}{73}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{1752}^{2}\ \Phi_{584}^{2}\ \Phi_{219}$
148830	1872	3432	$\frac{2}{143}$	$\frac{1}{12}$	$\frac{47}{143}$	$\frac{11}{24}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{264}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}\ \Phi_{24}^{2}\ \Phi_{13}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
148831	1872	1176	$\frac{1}{49}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{1176}^{3}\ \Phi_{392}^{3}\ \Phi_{196}\ \Phi_{168}^{3}\ \Phi_{98}\ \Phi_{56}^{3}\ \Phi_{28}\ \Phi_{14}$
148832	1872	3432	$\frac{3}{143}$	$\frac{1}{12}$	$\frac{35}{143}$	$\frac{11}{24}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{264}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}\ \Phi_{24}^{2}\ \Phi_{13}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
148833	1872	4440	$\frac{1}{37}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{4440}\ \Phi_{1480}\ \Phi_{185}$
148834	1872	3432	$\frac{5}{143}$	$\frac{1}{12}$	$\frac{23}{143}$	$\frac{11}{24}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{264}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}\ \Phi_{24}^{2}\ \Phi_{13}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
148835	1872	4200	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{4200}\ \Phi_{1400}\ \Phi_{840}\ \Phi_{280}\ \Phi_{175}\ \Phi_{35}$
148836	1872	3432	$\frac{7}{143}$	$\frac{1}{12}$	$\frac{17}{143}$	$\frac{11}{24}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{264}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}\ \Phi_{24}^{2}\ \Phi_{13}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
148837	1872	1368	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{24}$	$\Phi_{1368}^{3}\ \Phi_{456}^{2}\ \Phi_{171}\ \Phi_{152}^{2}\ \Phi_{57}$
148838	1872	3432	$\frac{8}{143}$	$\frac{1}{12}$	$\frac{15}{143}$	$\frac{11}{24}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{264}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}\ \Phi_{24}^{2}\ \Phi_{13}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
148839	1872	2040	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{24}$	$\Phi_{2040}^{2}\ \Phi_{680}^{2}\ \Phi_{408}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{34}$
148840	1872	1848	$\frac{5}{77}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{24}$	$\Phi_{1848}^{2}\ \Phi_{616}^{2}\ \Phi_{264}\ \Phi_{168}^{2}\ \Phi_{88}\ \Phi_{77}^{2}\ \Phi_{56}^{2}\ \Phi_{24}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
148841	1872	312	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{24}$	$\Phi_{312}^{11}\ \Phi_{104}^{11}\ \Phi_{24}^{12}\ \Phi_{13}^{11}\ \Phi_{8}^{12}\ \Phi_{1}^{12}$
148842	1872	1871	$\frac{26}{1871}$	$\frac{157}{1871}$	$\frac{615}{1871}$	$\frac{857}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
148843	1872	1871	$\frac{39}{1871}$	$\frac{157}{1871}$	$\frac{458}{1871}$	$\frac{857}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
148844	1872	2607	$\frac{1}{79}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{2607}\ \Phi_{237}^{2}$
148845	1872	1705	$\frac{2}{155}$	$\frac{1}{11}$	$\frac{51}{155}$	$\frac{5}{11}$	$\Phi_{1705}\ \Phi_{341}\ \Phi_{155}^{2}\ \Phi_{55}\ \Phi_{31}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
148846	1872	2332	$\frac{1}{53}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{2332}\ \Phi_{1166}\ \Phi_{212}^{2}\ \Phi_{106}^{2}$
148847	1872	1705	$\frac{3}{155}$	$\frac{1}{11}$	$\frac{38}{155}$	$\frac{5}{11}$	$\Phi_{1705}\ \Phi_{341}\ \Phi_{155}^{2}\ \Phi_{55}\ \Phi_{31}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
148848	1872	440	$\frac{1}{40}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{440}^{4}\ \Phi_{220}^{4}\ \Phi_{110}^{4}\ \Phi_{88}^{4}\ \Phi_{55}^{3}\ \Phi_{44}^{4}\ \Phi_{40}^{8}\ \Phi_{22}^{4}\ \Phi_{20}^{8}\ \Phi_{11}^{4}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
148849	1872	341	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{5}{31}$	$\frac{5}{11}$	$\Phi_{341}^{5}\ \Phi_{31}^{10}\ \Phi_{11}^{6}\ \Phi_{1}^{12}$
148850	1872	2079	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{231}\ \Phi_{189}^{2}\ \Phi_{63}^{2}\ \Phi_{21}^{2}$
148851	1872	110	$\frac{3}{55}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{11}$	$\Phi_{110}^{19}\ \Phi_{55}^{15}\ \Phi_{22}^{19}\ \Phi_{11}^{16}\ \Phi_{10}^{18}\ \Phi_{5}^{14}\ \Phi_{2}^{18}\ \Phi_{1}^{16}$
148852	1872	1705	$\frac{11}{155}$	$\frac{12}{155}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{1705}\ \Phi_{341}\ \Phi_{155}^{2}\ \Phi_{55}\ \Phi_{31}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
148853	1872	2002	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{2002}\ \Phi_{1001}\ \Phi_{286}\ \Phi_{182}^{2}\ \Phi_{91}^{2}\ \Phi_{26}^{2}$
148854	1872	190	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{1}{10}$	$\frac{43}{95}$	$\Phi_{190}^{11}\ \Phi_{95}^{9}\ \Phi_{38}^{11}\ \Phi_{19}^{8}\ \Phi_{10}^{10}\ \Phi_{5}^{8}\ \Phi_{2}^{10}\ \Phi_{1}^{8}$
148855	1872	1971	$\frac{1}{27}$	$\frac{7}{73}$	$\frac{10}{73}$	$\frac{33}{73}$	$\Phi_{1971}\ \Phi_{657}\ \Phi_{219}$
148856	1872	1871	$\frac{79}{1871}$	$\frac{183}{1871}$	$\frac{224}{1871}$	$\frac{844}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
148857	1872	1960	$\frac{1}{40}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
148858	1872	1871	$\frac{129}{1871}$	$\frac{134}{1871}$	$\frac{193}{1871}$	$\frac{839}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
148859	1872	406	$\frac{2}{29}$	$\frac{1}{14}$	$\frac{3}{29}$	$\frac{13}{29}$	$\Phi_{406}^5\ \Phi_{203}^5\ \Phi_{58}^5\ \Phi_{14}^4\ \Phi_7^4\ \Phi_2^4$
148860	1872	423	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{1}{9}$	$\frac{21}{47}$	$\Phi_{423}^5\ \Phi_{141}^5\ \Phi_9^4\ \Phi_3^4$
148861	1872	1871	$\frac{62}{1871}$	$\frac{201}{1871}$	$\frac{259}{1871}$	$\frac{835}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148862	1872	2345	$\frac{10}{469}$	$\frac{51}{469}$	$\frac{1}{5}$	$\frac{209}{469}$	$\Phi_{2345}\ \Phi_{335}\ \Phi_{35}$
148863	1872	1871	$\frac{26}{1871}$	$\frac{205}{1871}$	$\frac{519}{1871}$	$\frac{833}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148864	1872	2811	$\frac{10}{937}$	$\frac{103}{937}$	$\frac{1}{3}$	$\frac{417}{937}$	Φ_{2811}
148865	1872	1314	$\frac{1}{73}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{1314}^2\ \Phi_{657}\ \Phi_{438}^2\ \Phi_{219}\ \Phi_{146}^2$
148866	1872	1871	$\frac{20}{1871}$	$\frac{209}{1871}$	$\frac{617}{1871}$	$\frac{831}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148867	1872	1871	$\frac{80}{1871}$	$\frac{199}{1871}$	$\frac{209}{1871}$	$\frac{831}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148868	1872	490	$\frac{1}{49}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{490}^7\ \Phi_{245}\ \Phi_{98}^7\ \Phi_{70}^6\ \Phi_{35}\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_2^6$
148869	1872	1871	$\frac{116}{1871}$	$\frac{135}{1871}$	$\frac{217}{1871}$	$\frac{827}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148870	1872	2030	$\frac{9}{145}$	$\frac{1}{14}$	$\frac{17}{145}$	$\frac{64}{145}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{406}\ \Phi_{290}\ \Phi_{203}\ \Phi_{70}\ \Phi_{58}\ \Phi_{35}\ \Phi_{10}$
148871	1872	2090	$\frac{9}{209}$	$\frac{1}{10}$	$\frac{25}{209}$	$\frac{92}{209}$	$\Phi_{2090}\ \Phi_{1045}\ \Phi_{418}\ \Phi_{190}\ \Phi_{110}\ \Phi_{95}\ \Phi_{55}\ \Phi_{38}\ \Phi_{22}$
148872	1872	1975	$\frac{1}{79}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{1975}\ \Phi_{395}$
148873	1872	1871	$\frac{39}{1871}$	$\frac{229}{1871}$	$\frac{350}{1871}$	$\frac{821}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148874	1872	2500	$\frac{9}{625}$	$\frac{77}{625}$	$\frac{1}{4}$	$\frac{274}{625}$	$\Phi_{2500}\ \Phi_{1250}\ \Phi_{500}\ \Phi_{250}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
148875	1872	1680	$\frac{1}{105}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{112}^2\ \Phi_{105}^2\ \Phi_{80}^2\ \Phi_{48}\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
148876	1872	1104	$\frac{1}{69}$	$\frac{1}{8}$	$\frac{17}{69}$	$\frac{7}{16}$	$\Phi_{1104}^3\ \Phi_{368}^3\ \Phi_{69}^3\ \Phi_{48}^3\ \Phi_{23}^3\ \Phi_{16}^4\ \Phi_3^3\ \Phi_1^4$
148877	1872	4240	$\frac{1}{53}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{4240}\ \Phi_{265}$
148878	1872	784	$\frac{1}{49}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{784}^2\ \Phi_{392}^3\ \Phi_{196}^3\ \Phi_{112}^2\ \Phi_{98}^3\ \Phi_{56}^3\ \Phi_{49}^2\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^2$
148879	1872	3312	$\frac{7}{207}$	$\frac{25}{207}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{207}\ \Phi_{144}\ \Phi_{69}\ \Phi_{48}\ \Phi_{23}\ \Phi_{16}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
148880	1872	432	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{432}^8\ \Phi_{144}^7\ \Phi_{48}^7\ \Phi_{27}^8\ \Phi_{16}^8\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
148881	1872	1840	$\frac{1}{23}$	$\frac{11}{115}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1840}^2\ \Phi_{368}\ \Phi_{115}^2\ \Phi_{80}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_5^2\ \Phi_1^2$
148882	1872	1104	$\frac{4}{69}$	$\frac{5}{69}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1104}^3\ \Phi_{368}^3\ \Phi_{69}^3\ \Phi_{48}^3\ \Phi_{23}^3\ \Phi_{16}^4\ \Phi_3^3\ \Phi_1^4$
148883	1872	1904	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1904}^2\ \Phi_{272}\ \Phi_{238}\ \Phi_{119}\ \Phi_{34}$
148884	1872	1871	$\frac{27}{1871}$	$\frac{235}{1871}$	$\frac{461}{1871}$	$\frac{818}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148885	1872	1961	$\frac{1}{53}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	Φ_{1961}
148886	1872	1871	$\frac{41}{1871}$	$\frac{261}{1871}$	$\frac{305}{1871}$	$\frac{805}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148887	1872	2478	$\frac{1}{118}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{2478}\ \Phi_{1239}\ \Phi_{354}^2\ \Phi_{177}^2\ \Phi_{42}\ \Phi_6^2$
148888	1872	1631	$\frac{2}{233}$	$\frac{1}{7}$	$\frac{77}{233}$	$\frac{3}{7}$	$\Phi_{1631}\ \Phi_{233}^2\ \Phi_7^2\ \Phi_1^4$
148889	1872	2212	$\frac{1}{79}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{2212}\ \Phi_{1106}\ \Phi_{316}^2\ \Phi_{158}^2$
148890	1872	595	$\frac{2}{119}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{595}^4\ \Phi_{85}^4\ \Phi_{35}^3\ \Phi_5^2$
148891	1872	1631	$\frac{5}{233}$	$\frac{1}{7}$	$\frac{38}{233}$	$\frac{3}{7}$	$\Phi_{1631}\ \Phi_{233}^2\ \Phi_7^2\ \Phi_1^4$
148892	1872	280	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{280}^7\ \Phi_{140}^7\ \Phi_{70}^7\ \Phi_{56}^7\ \Phi_{40}^6\ \Phi_{35}^7\ \Phi_{28}^7\ \Phi_{20}^6\ \Phi_{14}^7\ \Phi_{10}^6\ \Phi_8^6\ \Phi_5^6\ \Phi_4^6\ \Phi_2^6$
148893	1872	1631	$\frac{8}{233}$	$\frac{25}{233}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1631}\ \Phi_{233}^2\ \Phi_7^2\ \Phi_1^4$
148894	1872	1890	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}^2\ \Phi_{210}\ \Phi_{135}^2\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_6^2$
148895	1872	1631	$\frac{12}{233}$	$\frac{17}{233}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1631}\ \Phi_{233}^2\ \Phi_7^2\ \Phi_1^4$
148896	1872	266	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{266}^8\ \Phi_{133}^7\ \Phi_{38}^8\ \Phi_{19}^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
148897	1872	1971	$\frac{1}{27}$	$\frac{7}{73}$	$\frac{11}{73}$	$\frac{31}{73}$	$\Phi_{1971}\ \Phi_{657}\ \Phi_{219}$
148898	1872	1871	$\frac{83}{1871}$	$\frac{149}{1871}$	$\frac{287}{1871}$	$\frac{792}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
148899	1872	1871	$\frac{90}{1871}$	$\frac{137}{1871}$	$\frac{289}{1871}$	$\frac{791}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
148900	1872	855	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{19}{45}$	$\Phi_{855}^{2}\ \Phi_{285}^{3}\ \Phi_{171}^{2}\ \Phi_{95}^{3}\ \Phi_{57}^{3}\ \Phi_{19}^{2}$
148901	1872	2030	$\frac{7}{145}$	$\frac{1}{14}$	$\frac{23}{145}$	$\frac{61}{145}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{406}\ \Phi_{290}\ \Phi_{203}\ \Phi_{70}\ \Phi_{58}\ \Phi_{35}\ \Phi_{10}$
148902	1872	2041	$\frac{7}{157}$	$\frac{1}{13}$	$\frac{25}{157}$	$\frac{66}{157}$	Φ_{2041}
148903	1872	1871	$\frac{65}{1871}$	$\frac{181}{1871}$	$\frac{301}{1871}$	$\frac{785}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
148904	1872	2191	$\frac{7}{313}$	$\frac{1}{7}$	$\frac{51}{313}$	$\frac{131}{313}$	Φ_{2191}
148905	1872	1871	$\frac{41}{1871}$	$\frac{272}{1871}$	$\frac{305}{1871}$	$\frac{783}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
148906	1872	1871	$\frac{29}{1871}$	$\frac{307}{1871}$	$\frac{363}{1871}$	$\frac{782}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
148907	1872	335	$\frac{1}{67}$	$\frac{11}{67}$	$\frac{1}{5}$	$\frac{28}{67}$	$\Phi_{335}^{7}\ \Phi_{5}^{6}$
148908	1872	2500	$\frac{7}{625}$	$\frac{103}{625}$	$\frac{1}{4}$	$\frac{261}{625}$	$\Phi_{2500}\ \Phi_{1250}\ \Phi_{500}\ \Phi_{250}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
148909	1872	1871	$\frac{17}{1871}$	$\frac{309}{1871}$	$\frac{545}{1871}$	$\frac{781}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
148910	1872	2811	$\frac{7}{937}$	$\frac{155}{937}$	$\frac{1}{3}$	$\frac{391}{937}$	Φ_{2811}
148911	1872	1871	$\frac{14}{1871}$	$\frac{313}{1871}$	$\frac{619}{1871}$	$\frac{779}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
148912	1872	2006	$\frac{1}{118}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{2006}\ \Phi_{1003}\ \Phi_{34}$
148913	1872	2355	$\frac{1}{157}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{2355}\ \Phi_{471}^{2}$
148914	1872	1555	$\frac{2}{311}$	$\frac{1}{5}$	$\frac{103}{311}$	$\frac{2}{5}$	$\Phi_{1555}\ \Phi_{311}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
148915	1872	420	$\frac{1}{105}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{140}^{6}\ \Phi_{84}^{6}\ \Phi_{70}^{6}\ \Phi_{60}^{6}\ \Phi_{42}^{6}\ \Phi_{30}^{6}\ \Phi_{28}^{6}\ \Phi_{20}^{5}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{10}^{5}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
148916	1872	1555	$\frac{3}{311}$	$\frac{1}{5}$	$\frac{77}{311}$	$\frac{2}{5}$	$\Phi_{1555}\ \Phi_{311}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
148917	1872	395	$\frac{1}{79}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{395}^{5}\ \Phi_{79}^{4}$
148918	1872	1555	$\frac{5}{311}$	$\frac{51}{311}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1555}\ \Phi_{311}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
148919	1872	1855	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1855}\ \Phi_{371}^{2}$
148920	1872	1555	$\frac{7}{311}$	$\frac{38}{311}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1555}\ \Phi_{311}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
148921	1872	360	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{6}\ \Phi_{90}^{6}\ \Phi_{72}^{6}\ \Phi_{60}^{6}\ \Phi_{45}^{5}\ \Phi_{36}^{6}\ \Phi_{30}^{6}\ \Phi_{24}^{6}\ \Phi_{18}^{6}\ \Phi_{15}^{5}\ \Phi_{12}^{6}\ \Phi_{9}^{4}\ \Phi_{6}^{6}\ \Phi_{3}^{4}$
148922	1872	1555	$\frac{11}{311}$	$\frac{25}{311}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1555}\ \Phi_{311}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
148923	1872	1755	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}^{2}\ \Phi_{195}\ \Phi_{117}^{2}\ \Phi_{39}^{2}$
148924	1872	1555	$\frac{12}{311}$	$\frac{23}{311}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1555}\ \Phi_{311}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
148925	1872	350	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{350}^{6}\ \Phi_{175}^{6}\ \Phi_{70}^{5}\ \Phi_{50}^{6}\ \Phi_{35}^{5}\ \Phi_{14}^{4}\ \Phi_{10}^{5}\ \Phi_{7}^{4}\ \Phi_{2}^{4}$
148926	1872	1045	$\frac{1}{19}$	$\frac{3}{55}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1045}^{2}\ \Phi_{209}^{2}\ \Phi_{95}$
148927	1872	1871	$\frac{29}{1871}$	$\frac{307}{1871}$	$\frac{391}{1871}$	$\frac{740}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
148928	1872	3136	$\frac{1}{49}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
148929	1872	1871	$\frac{11}{1871}$	$\frac{417}{1871}$	$\frac{620}{1871}$	$\frac{727}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
148930	1872	1871	$\frac{44}{1871}$	$\frac{203}{1871}$	$\frac{417}{1871}$	$\frac{727}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
148931	1872	1960	$\frac{1}{40}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
148932	1872	2041	$\frac{1}{157}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{2041}
148933	1872	1871	$\frac{64}{1871}$	$\frac{139}{1871}$	$\frac{433}{1871}$	$\frac{719}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
148934	1872	1971	$\frac{1}{27}$	$\frac{5}{73}$	$\frac{17}{73}$	$\frac{28}{73}$	$\Phi_{1971}\ \Phi_{657}\ \Phi_{219}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
148935	1872	1871	$\frac{89}{1871}$	$\frac{99}{1871}$	$\frac{443}{1871}$	$\frac{714}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148936	1872	399	$\frac{1}{21}$	$\frac{1}{19}$	$\frac{5}{21}$	$\frac{8}{21}$	$\Phi_{399}^5\ \Phi_{133}^5\ \Phi_{57}^5\ \Phi_{19}^4$
148937	1872	1871	$\frac{67}{1871}$	$\frac{129}{1871}$	$\frac{451}{1871}$	$\frac{710}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148938	1872	406	$\frac{1}{29}$	$\frac{1}{14}$	$\frac{7}{29}$	$\frac{11}{29}$	$\Phi_{406}^5\ \Phi_{203}^5\ \Phi_{58}^5\ \Phi_{14}^4\ \Phi_7^4\ \Phi_2^4$
148939	1872	2090	$\frac{5}{209}$	$\frac{1}{10}$	$\frac{51}{209}$	$\frac{79}{209}$	$\Phi_{2090}\ \Phi_{1045}\ \Phi_{418}\ \Phi_{190}\ \Phi_{110}\ \Phi_{95}\ \Phi_{55}\ \Phi_{38}\ \Phi_{22}$
148940	1872	1871	$\frac{43}{1871}$	$\frac{194}{1871}$	$\frac{457}{1871}$	$\frac{707}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148941	1872	1692	$\frac{1}{47}$	$\frac{1}{9}$	$\frac{23}{94}$	$\frac{71}{188}$	$\Phi_{1692}^2\ \Phi_{564}^2\ \Phi_{423}\ \Phi_{141}\ \Phi_{36}^2\ \Phi_{12}^2$
148942	1872	2191	$\frac{5}{313}$	$\frac{1}{7}$	$\frac{77}{313}$	$\frac{118}{313}$	Φ_{2191}
148943	1872	1871	$\frac{19}{1871}$	$\frac{389}{1871}$	$\frac{463}{1871}$	$\frac{704}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148944	1872	500	$\frac{1}{125}$	$\frac{31}{125}$	$\frac{1}{4}$	$\frac{47}{125}$	$\Phi_{500}^5\ \Phi_{250}^5\ \Phi_{100}^5\ \Phi_{50}^5\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_4^4\ \Phi_2^4$
148945	1872	1871	$\frac{11}{1871}$	$\frac{465}{1871}$	$\frac{584}{1871}$	$\frac{703}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148946	1872	2811	$\frac{5}{937}$	$\frac{233}{937}$	$\frac{1}{3}$	$\frac{352}{937}$	Φ_{2811}
148947	1872	1871	$\frac{15}{1871}$	$\frac{464}{1871}$	$\frac{469}{1871}$	$\frac{701}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148948	1872	1995	$\frac{1}{105}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{285}\ \Phi_{133}\ \Phi_{95}\ \Phi_{57}$
148949	1872	1871	$\frac{23}{1871}$	$\frac{308}{1871}$	$\frac{521}{1871}$	$\frac{675}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148950	1872	1975	$\frac{1}{79}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{1975}\ \Phi_{395}$
148951	1872	1871	$\frac{31}{1871}$	$\frac{230}{1871}$	$\frac{547}{1871}$	$\frac{662}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148952	1872	1961	$\frac{1}{53}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	Φ_{1961}
148953	1872	980	$\frac{1}{49}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{980}^3\ \Phi_{490}\ \Phi_{245}\ \Phi_{196}^3\ \Phi_{140}^3\ \Phi_{98}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^3\ \Phi_{14}$
148954	1872	1960	$\frac{1}{40}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
148955	1872	1871	$\frac{47}{1871}$	$\frac{152}{1871}$	$\frac{573}{1871}$	$\frac{649}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148956	1872	1871	$\frac{51}{1871}$	$\frac{140}{1871}$	$\frac{577}{1871}$	$\frac{647}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148957	1872	1971	$\frac{1}{27}$	$\frac{4}{73}$	$\frac{23}{73}$	$\frac{25}{73}$	$\Phi_{1971}\ \Phi_{657}\ \Phi_{219}$
148958	1872	1975	$\frac{1}{25}$	$\frac{4}{79}$	$\frac{25}{79}$	$\frac{27}{79}$	$\Phi_{1975}\ \Phi_{395}$
148959	1872	1871	$\frac{74}{1871}$	$\frac{95}{1871}$	$\frac{599}{1871}$	$\frac{636}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148960	1872	1871	$\frac{68}{1871}$	$\frac{103}{1871}$	$\frac{601}{1871}$	$\frac{635}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148961	1872	2030	$\frac{4}{145}$	$\frac{1}{14}$	$\frac{47}{145}$	$\frac{49}{145}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{406}\ \Phi_{290}\ \Phi_{203}\ \Phi_{70}\ \Phi_{58}\ \Phi_{35}\ \Phi_{10}$
148962	1872	2041	$\frac{4}{157}$	$\frac{1}{13}$	$\frac{51}{157}$	$\frac{53}{157}$	Φ_{2041}
148963	1872	1871	$\frac{44}{1871}$	$\frac{155}{1871}$	$\frac{609}{1871}$	$\frac{631}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148964	1872	1871	$\frac{32}{1871}$	$\frac{207}{1871}$	$\frac{613}{1871}$	$\frac{629}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148965	1872	2115	$\frac{4}{235}$	$\frac{1}{9}$	$\frac{77}{235}$	$\frac{79}{235}$	$\Phi_{2115}\ \Phi_{705}\ \Phi_{423}\ \Phi_{141}\ \Phi_{45}\ \Phi_{15}$
148966	1872	2191	$\frac{4}{313}$	$\frac{1}{7}$	$\frac{103}{313}$	$\frac{105}{313}$	Φ_{2191}
148967	1872	1871	$\frac{20}{1871}$	$\frac{311}{1871}$	$\frac{617}{1871}$	$\frac{627}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148968	1872	2345	$\frac{4}{469}$	$\frac{1}{5}$	$\frac{155}{469}$	$\frac{157}{469}$	$\Phi_{2345}\ \Phi_{335}\ \Phi_{35}$
148969	1872	1871	$\frac{14}{1871}$	$\frac{415}{1871}$	$\frac{619}{1871}$	$\frac{626}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148970	1872	2500	$\frac{4}{625}$	$\frac{1}{4}$	$\frac{207}{625}$	$\frac{209}{625}$	$\Phi_{2500}\ \Phi_{1250}\ \Phi_{500}\ \Phi_{250}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
148971	1872	1871	$\frac{8}{1871}$	$\frac{621}{1871}$	$\frac{623}{1871}$	$\frac{625}{1871}$	$\Phi_{1871}\ \Phi_1^2$
148972	1872	2811	$\frac{4}{937}$	$\frac{311}{937}$	$\frac{1}{3}$	$\frac{313}{937}$	Φ_{2811}
148973	1872	705	$\frac{1}{235}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{705}^3\ \Phi_{235}^2\ \Phi_{141}^3\ \Phi_{47}^2\ \Phi_{15}^3\ \Phi_5^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
148974	1872	1401	$\frac{2}{467}$	$\frac{155}{467}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1401}\ \Phi_{467}^2\ \Phi_3^2\ \Phi_1^4$
148975	1872	1884	$\frac{1}{157}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1884}\ \Phi_{942}\ \Phi_{628}^2\ \Phi_{314}^2$
148976	1872	1401	$\frac{3}{467}$	$\frac{116}{467}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1401}\ \Phi_{467}^2\ \Phi_3^2\ \Phi_1^4$
148977	1872	1770	$\frac{1}{118}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{590}^2\ \Phi_{295}^2\ \Phi_{30}\ \Phi_{10}^2$
148978	1872	1401	$\frac{5}{467}$	$\frac{77}{467}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1401}\ \Phi_{467}^2\ \Phi_3^2\ \Phi_1^4$
148979	1872	1659	$\frac{1}{79}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1659}\ \Phi_{553}^2$
148980	1872	1095	$\frac{1}{73}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1095}^2\ \Phi_{365}^2\ \Phi_{219}$
148981	1872	1401	$\frac{8}{467}$	$\frac{51}{467}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1401}\ \Phi_{467}^2\ \Phi_3^2\ \Phi_1^4$
148982	1872	1590	$\frac{1}{53}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{530}^2\ \Phi_{318}\ \Phi_{265}^2\ \Phi_{106}^2$
148983	1872	1401	$\frac{11}{467}$	$\frac{38}{467}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1401}\ \Phi_{467}^2\ \Phi_3^2\ \Phi_1^4$
148984	1872	1560	$\frac{1}{40}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}^2\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}^2\ \Phi_{104}^2\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{26}^2$
148985	1872	1401	$\frac{12}{467}$	$\frac{35}{467}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1401}\ \Phi_{467}^2\ \Phi_3^2\ \Phi_1^4$
148986	1872	1554	$\frac{1}{37}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1554}\ \Phi_{777}\ \Phi_{518}^2\ \Phi_{259}^2\ \Phi_{222}\ \Phi_{74}^2$
148987	1872	1401	$\frac{17}{467}$	$\frac{25}{467}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1401}\ \Phi_{467}^2\ \Phi_3^2\ \Phi_1^4$
148988	1872	513	$\frac{1}{27}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{513}^4\ \Phi_{171}^4\ \Phi_{57}^3\ \Phi_{19}^2$
148989	1872	3732	$\frac{2}{311}$	$\frac{1}{4}$	$\frac{103}{311}$	$\frac{1}{3}$	$\Phi_{3732}\ \Phi_{1866}\ \Phi_{12}^2\ \Phi_6^2$
148990	1872	2811	$\frac{7}{937}$	$\frac{209}{937}$	$\frac{310}{937}$	$\frac{1}{3}$	Φ_{2811}
148991	1872	3495	$\frac{2}{233}$	$\frac{1}{5}$	$\frac{77}{233}$	$\frac{1}{3}$	$\Phi_{3495}\ \Phi_{15}^2$
148992	1872	2811	$\frac{10}{937}$	$\frac{157}{937}$	$\frac{309}{937}$	$\frac{1}{3}$	Φ_{2811}
148993	1872	3255	$\frac{2}{155}$	$\frac{1}{7}$	$\frac{51}{155}$	$\frac{1}{3}$	$\Phi_{3255}\ \Phi_{651}\ \Phi_{105}\ \Phi_{21}^2$
148994	1872	2145	$\frac{2}{143}$	$\frac{2}{15}$	$\frac{47}{143}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{195}\ \Phi_{165}\ \Phi_{143}\ \Phi_{65}\ \Phi_{55}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{11}\ \Phi_5^2\ \Phi_1^2$
148995	1872	2811	$\frac{16}{937}$	$\frac{105}{937}$	$\frac{307}{937}$	$\frac{1}{3}$	Φ_{2811}
148996	1872	522	$\frac{1}{58}$	$\frac{1}{9}$	$\frac{19}{58}$	$\frac{1}{3}$	$\Phi_{522}^4\ \Phi_{261}^4\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_{18}^4\ \Phi_9^6\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
148997	1872	2811	$\frac{22}{937}$	$\frac{79}{937}$	$\frac{305}{937}$	$\frac{1}{3}$	Φ_{2811}
148998	1872	3003	$\frac{2}{77}$	$\frac{1}{13}$	$\frac{25}{77}$	$\frac{1}{3}$	$\Phi_{3003}\ \Phi_{429}\ \Phi_{273}\ \Phi_{39}^2$
148999	1872	2982	$\frac{2}{71}$	$\frac{1}{14}$	$\frac{23}{71}$	$\frac{1}{3}$	$\Phi_{2982}\ \Phi_{1491}\ \Phi_{426}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
149000	1872	2811	$\frac{34}{937}$	$\frac{53}{937}$	$\frac{301}{937}$	$\frac{1}{3}$	Φ_{2811}
149001	1872	2907	$\frac{2}{51}$	$\frac{1}{19}$	$\frac{49}{153}$	$\frac{1}{3}$	$\Phi_{2907}\ \Phi_{171}\ \Phi_{57}$
149002	1872	2811	$\frac{37}{937}$	$\frac{49}{937}$	$\frac{300}{937}$	$\frac{1}{3}$	Φ_{2811}
149003	1872	1425	$\frac{1}{25}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{1425}^2\ \Phi_{285}^2\ \Phi_{75}^3\ \Phi_{15}^3$
149004	1872	945	$\frac{1}{27}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{27}^4\ \Phi_{21}\ \Phi_{15}\ \Phi_9^4\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
149005	1872	2811	$\frac{27}{937}$	$\frac{70}{937}$	$\frac{289}{937}$	$\frac{1}{3}$	Φ_{2811}
149006	1872	2811	$\frac{25}{937}$	$\frac{76}{937}$	$\frac{287}{937}$	$\frac{1}{3}$	Φ_{2811}
149007	1872	2760	$\frac{1}{40}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2$
149008	1872	2703	$\frac{1}{53}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{2703}\ \Phi_{159}^2$
149009	1872	2811	$\frac{17}{937}$	$\frac{115}{937}$	$\frac{274}{937}$	$\frac{1}{3}$	Φ_{2811}
149010	1872	2811	$\frac{13}{937}$	$\frac{154}{937}$	$\frac{261}{937}$	$\frac{1}{3}$	Φ_{2811}
149011	1872	1314	$\frac{1}{73}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{1314}^2\ \Phi_{657}^2\ \Phi_{219}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
149012	1872	2607	$\frac{1}{79}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{2607}\ \Phi_{237}^2$
149013	1872	2811	$\frac{9}{937}$	$\frac{232}{937}$	$\frac{235}{937}$	$\frac{1}{3}$	Φ_{2811}
149014	1872	420	$\frac{1}{105}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^6\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^6\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^6\ \Phi_{20}^4\ \Phi_{15}^6\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_{10}^4\ \Phi_7^6\ \Phi_6^2\ \Phi_5^6\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
149015	1872	3732	$\frac{3}{311}$	$\frac{77}{311}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3732}\ \Phi_{1866}\ \Phi_{12}^2\ \Phi_6^2$
149016	1872	4740	$\frac{1}{79}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{4740}\ \Phi_{2370}$
149017	1872	3504	$\frac{1}{73}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3504}\ \Phi_{1752}\ \Phi_{219}$
149018	1872	3732	$\frac{5}{311}$	$\frac{51}{311}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3732}\ \Phi_{1866}\ \Phi_{12}^2\ \Phi_6^2$
149019	1872	4452	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{4452}\ \Phi_{2226}$
149020	1872	2940	$\frac{1}{49}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{980}\ \Phi_{490}\ \Phi_{420}\ \Phi_{210}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{70}\ \Phi_{28}\ \Phi_{14}$
149021	1872	3732	$\frac{7}{311}$	$\frac{38}{311}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3732}\ \Phi_{1866}\ \Phi_{12}^2\ \Phi_6^2$
149022	1872	360	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^3\ \Phi_{90}^6\ \Phi_{72}^6\ \Phi_{60}^3\ \Phi_{45}^6\ \Phi_{40}^6\ \Phi_{36}^4\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^6\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^6\ \Phi_9^6\ \Phi_8^6\ \Phi_6^2\ \Phi_5^6\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
149023	1872	3732	$\frac{11}{311}$	$\frac{25}{311}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3732}\ \Phi_{1866}\ \Phi_{12}^2\ \Phi_6^2$
149024	1872	1404	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1404}^2\ \Phi_{702}^2\ \Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{26}^2$
149025	1872	3732	$\frac{12}{311}$	$\frac{23}{311}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3732}\ \Phi_{1866}\ \Phi_{12}^2\ \Phi_6^2$
149026	1872	2100	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2100}^2\ \Phi_{1050}\ \Phi_{525}\ \Phi_{420}^2\ \Phi_{300}\ \Phi_{210}\ \Phi_{105}\ \Phi_{75}\ \Phi_{60}\ \Phi_{15}$
149027	1872	3255	$\frac{3}{155}$	$\frac{1}{7}$	$\frac{38}{155}$	$\frac{1}{3}$	$\Phi_{3255}\ \Phi_{651}\ \Phi_{105}\ \Phi_{21}^2$
149028	1872	2145	$\frac{3}{143}$	$\frac{2}{15}$	$\frac{35}{143}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{195}\ \Phi_{165}\ \Phi_{143}\ \Phi_{65}\ \Phi_{55}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{11}\ \Phi_5^2\ \Phi_1^2$
149029	1872	2811	$\frac{21}{937}$	$\frac{118}{937}$	$\frac{229}{937}$	$\frac{1}{3}$	Φ_{2811}
149030	1872	3090	$\frac{3}{103}$	$\frac{1}{10}$	$\frac{25}{103}$	$\frac{1}{3}$	$\Phi_{3090}\ \Phi_{1545}\ \Phi_{618}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
149031	1872	2811	$\frac{33}{937}$	$\frac{79}{937}$	$\frac{226}{937}$	$\frac{1}{3}$	Φ_{2811}
149032	1872	2982	$\frac{3}{71}$	$\frac{1}{14}$	$\frac{17}{71}$	$\frac{1}{3}$	$\Phi_{2982}\ \Phi_{1491}\ \Phi_{426}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
149033	1872	2811	$\frac{49}{937}$	$\frac{55}{937}$	$\frac{222}{937}$	$\frac{1}{3}$	Φ_{2811}
149034	1872	969	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{969}^3\ \Phi_{57}^4$
149035	1872	2811	$\frac{40}{937}$	$\frac{69}{937}$	$\frac{217}{937}$	$\frac{1}{3}$	Φ_{2811}
149036	1872	945	$\frac{1}{27}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{27}^4\ \Phi_{21}\ \Phi_{15}\ \Phi_9^4\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
149037	1872	2811	$\frac{28}{937}$	$\frac{101}{937}$	$\frac{209}{937}$	$\frac{1}{3}$	Φ_{2811}
149038	1872	2760	$\frac{1}{40}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2$
149039	1872	2811	$\frac{19}{937}$	$\frac{153}{937}$	$\frac{196}{937}$	$\frac{1}{3}$	Φ_{2811}
149040	1872	3495	$\frac{5}{233}$	$\frac{38}{233}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3495}\ \Phi_{15}^2$
149041	1872	840	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{840}^4\ \Phi_{420}^4\ \Phi_{210}^4\ \Phi_{168}^4\ \Phi_{105}^3\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{21}^4$
149042	1872	555	$\frac{1}{37}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{555}^3\ \Phi_{185}^4\ \Phi_{111}^4\ \Phi_{37}^4$
149043	1872	3495	$\frac{8}{233}$	$\frac{25}{233}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3495}\ \Phi_{15}^2$
149044	1872	270	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{270}^8\ \Phi_{135}^6\ \Phi_{90}^8\ \Phi_{54}^8\ \Phi_{45}^6\ \Phi_{30}^4\ \Phi_{27}^8\ \Phi_{18}^8\ \Phi_{15}^3\ \Phi_{10}^8\ \Phi_9^8\ \Phi_6^4\ \Phi_5^6\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
149045	1872	3495	$\frac{12}{233}$	$\frac{17}{233}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3495}\ \Phi_{15}^2$
149046	1872	3990	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3990}\ \Phi_{1995}\ \Phi_{570}$
149047	1872	1305	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{28}{145}$	$\frac{1}{3}$	$\Phi_{1305}^2\ \Phi_{435}\ \Phi_{145}^2\ \Phi_{45}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
149048	1872	651	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{5}{31}$	$\frac{1}{3}$	$\Phi_{651}^{5}\ \Phi_{21}^{6}$
149049	1872	2811	$\frac{31}{937}$	$\frac{131}{937}$	$\frac{151}{937}$	$\frac{1}{3}$	Φ_{2811}
149050	1872	2145	$\frac{5}{143}$	$\frac{2}{15}$	$\frac{23}{143}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{195}\ \Phi_{165}\ \Phi_{143}\ \Phi_{65}\ \Phi_{55}\ \Phi_{15}^{2}\ \Phi_{13}\ \Phi_{11}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
149051	1872	3003	$\frac{5}{77}$	$\frac{1}{13}$	$\frac{12}{77}$	$\frac{1}{3}$	$\Phi_{3003}\ \Phi_{429}\ \Phi_{273}\ \Phi_{39}^{2}$
149052	1872	2982	$\frac{5}{71}$	$\frac{1}{14}$	$\frac{11}{71}$	$\frac{1}{3}$	$\Phi_{2982}\ \Phi_{1491}\ \Phi_{426}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{6}^{2}$
149053	1872	2811	$\frac{66}{937}$	$\frac{67}{937}$	$\frac{145}{937}$	$\frac{1}{3}$	Φ_{2811}
149054	1872	2811	$\frac{61}{937}$	$\frac{73}{937}$	$\frac{144}{937}$	$\frac{1}{3}$	Φ_{2811}
149055	1872	189	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{189}^{10}\ \Phi_{63}^{10}\ \Phi_{27}^{12}\ \Phi_{21}^{5}\ \Phi_{9}^{12}\ \Phi_{7}^{10}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
149056	1872	525	$\frac{1}{25}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{525}^{4}\ \Phi_{175}^{5}\ \Phi_{105}^{3}\ \Phi_{35}^{4}\ \Phi_{21}^{4}\ \Phi_{7}^{4}$
149057	1872	3255	$\frac{11}{155}$	$\frac{12}{155}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{3255}\ \Phi_{651}\ \Phi_{105}\ \Phi_{21}^{2}$
149058	1872	546	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{546}^{6}\ \Phi_{273}^{5}\ \Phi_{78}^{6}\ \Phi_{39}^{6}$
149059	1872	2145	$\frac{7}{143}$	$\frac{17}{143}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{195}\ \Phi_{165}\ \Phi_{143}\ \Phi_{65}\ \Phi_{55}\ \Phi_{15}^{2}\ \Phi_{13}\ \Phi_{11}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
149060	1872	855	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{855}^{3}\ \Phi_{285}^{2}\ \Phi_{171}\ \Phi_{95}^{2}\ \Phi_{57}$
149061	1872	2145	$\frac{8}{143}$	$\frac{15}{143}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{195}\ \Phi_{165}\ \Phi_{143}\ \Phi_{65}\ \Phi_{55}\ \Phi_{15}^{2}\ \Phi_{13}\ \Phi_{11}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
149062	1872	510	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{510}^{4}\ \Phi_{255}^{3}\ \Phi_{170}^{5}\ \Phi_{102}^{4}\ \Phi_{85}^{4}\ \Phi_{51}^{4}\ \Phi_{34}^{5}\ \Phi_{17}^{4}$
149063	1872	1155	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1155}^{2}\ \Phi_{385}^{2}\ \Phi_{165}\ \Phi_{105}^{2}\ \Phi_{77}^{2}\ \Phi_{55}\ \Phi_{35}^{2}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
149064	1872	195	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{195}^{11}\ \Phi_{65}^{11}\ \Phi_{15}^{12}\ \Phi_{13}^{11}\ \Phi_{5}^{12}\ \Phi_{1}^{12}$
149065	1872	3090	$\frac{7}{103}$	$\frac{1}{10}$	$\frac{12}{103}$	$\frac{1}{3}$	$\Phi_{3090}\ \Phi_{1545}\ \Phi_{618}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}$
149066	1872	2811	$\frac{65}{937}$	$\frac{92}{937}$	$\frac{109}{937}$	$\frac{1}{3}$	Φ_{2811}
149067	1872	1716	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{3}$	$\Phi_{1716}^{2}\ \Phi_{858}^{2}\ \Phi_{429}\ \Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{39}^{2}$
149068	1872	2982	$\frac{1}{14}$	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{1}{3}$	$\Phi_{2982}\ \Phi_{1491}\ \Phi_{426}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{6}^{2}$
149069	1872	2811	$\frac{64}{937}$	$\frac{97}{937}$	$\frac{105}{937}$	$\frac{1}{3}$	Φ_{2811}
149070	1872	261	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{261}^{8}\ \Phi_{87}^{4}\ \Phi_{29}^{8}\ \Phi_{9}^{10}\ \Phi_{3}^{5}\ \Phi_{1}^{10}$
149071	1872	630	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{630}^{4}\ \Phi_{315}^{4}\ \Phi_{210}^{2}\ \Phi_{126}^{2}\ \Phi_{105}^{2}\ \Phi_{90}^{2}\ \Phi_{70}^{4}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{42}\ \Phi_{35}^{4}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
149072	1872	1705	$\frac{2}{155}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{51}{155}$	$\Phi_{1705}\ \Phi_{341}\ \Phi_{155}^{2}\ \Phi_{55}\ \Phi_{31}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
149073	1872	620	$\frac{2}{155}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{51}{155}$	$\Phi_{620}^{4}\ \Phi_{310}^{4}\ \Phi_{124}^{4}\ \Phi_{62}^{4}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
149074	1872	1871	$\frac{26}{1871}$	$\frac{314}{1871}$	$\frac{519}{1871}$	$\frac{615}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
149075	1872	2574	$\frac{2}{143}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{47}{143}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{234}\ \Phi_{198}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{18}^{2}\ \Phi_{13}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
149076	1872	2288	$\frac{2}{143}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{47}{143}$	$\Phi_{2288}\ \Phi_{1144}\ \Phi_{208}\ \Phi_{176}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}\ \Phi_{16}^{2}\ \Phi_{13}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
149077	1872	335	$\frac{1}{67}$	$\frac{1}{5}$	$\frac{15}{67}$	$\frac{22}{67}$	$\Phi_{335}^{7}\ \Phi_{5}^{6}$
149078	1872	1871	$\frac{29}{1871}$	$\frac{363}{1871}$	$\frac{419}{1871}$	$\frac{614}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
149079	1872	500	$\frac{2}{125}$	$\frac{21}{125}$	$\frac{1}{4}$	$\frac{41}{125}$	$\Phi_{500}^{5}\ \Phi_{250}^{5}\ \Phi_{100}^{5}\ \Phi_{50}^{5}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
149080	1872	290	$\frac{1}{58}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{19}{58}$	$\Phi_{290}^{6}\ \Phi_{145}^{6}\ \Phi_{58}^{8}\ \Phi_{29}^{8}\ \Phi_{10}^{6}\ \Phi_{5}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
149081	1872	1871	$\frac{38}{1871}$	$\frac{315}{1871}$	$\frac{389}{1871}$	$\frac{611}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
149082	1872	2345	$\frac{10}{469}$	$\frac{79}{469}$	$\frac{1}{5}$	$\frac{153}{469}$	$\Phi_{2345}\ \Phi_{335}\ \Phi_{35}$
149083	1872	1771	$\frac{2}{77}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{25}{77}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{161}\ \Phi_{77}^{2}\ \Phi_{23}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
149084	1872	2772	$\frac{2}{77}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{25}{77}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{462}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{132}\ \Phi_{126}\ \Phi_{84}\ \Phi_{66}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
149085	1872	1771	$\frac{2}{77}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{25}{77}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{161}\ \Phi_{77}^2\ \Phi_{23}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
149086	1872	385	$\frac{2}{77}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{25}{77}$	$\Phi_{385}^6\ \Phi_{55}^6\ \Phi_{35}^7\ \Phi_5^6$
149087	1872	1871	$\frac{50}{1871}$	$\frac{158}{1871}$	$\frac{571}{1871}$	$\frac{607}{1871}$	$\Phi_{1871}\ \Phi_1^2$
149088	1872	1065	$\frac{2}{71}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{23}{71}$	$\Phi_{1065}^2\ \Phi_{355}\ \Phi_{213}^2\ \Phi_{71}^2\ \Phi_{15}^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
149089	1872	2115	$\frac{7}{235}$	$\frac{1}{9}$	$\frac{53}{235}$	$\frac{76}{235}$	$\Phi_{2115}\ \Phi_{705}\ \Phi_{423}\ \Phi_{141}\ \Phi_{45}\ \Phi_{15}$
149090	1872	1871	$\frac{56}{1871}$	$\frac{211}{1871}$	$\frac{415}{1871}$	$\frac{605}{1871}$	$\Phi_{1871}\ \Phi_1^2$
149091	1872	2191	$\frac{10}{313}$	$\frac{1}{7}$	$\frac{53}{313}$	$\frac{101}{313}$	Φ_{2191}
149092	1872	1871	$\frac{62}{1871}$	$\frac{259}{1871}$	$\frac{317}{1871}$	$\frac{603}{1871}$	$\Phi_{1871}\ \Phi_1^2$
149093	1872	2345	$\frac{16}{469}$	$\frac{53}{469}$	$\frac{1}{5}$	$\frac{151}{469}$	$\Phi_{2345}\ \Phi_{335}\ \Phi_{35}$
149094	1872	1871	$\frac{65}{1871}$	$\frac{181}{1871}$	$\frac{423}{1871}$	$\frac{602}{1871}$	$\Phi_{1871}\ \Phi_1^2$
149095	1872	1035	$\frac{4}{115}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{37}{115}$	$\Phi_{1035}^2\ \Phi_{345}^2\ \Phi_{207}^2\ \Phi_{69}^2\ \Phi_{45}^3\ \Phi_{15}^3\ \Phi_9^2\ \Phi_3^2$
149096	1872	2500	$\frac{22}{625}$	$\frac{53}{625}$	$\frac{1}{4}$	$\frac{201}{625}$	$\Phi_{2500}\ \Phi_{1250}\ \Phi_{500}\ \Phi_{250}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
149097	1872	900	$\frac{1}{25}$	$\frac{17}{225}$	$\frac{1}{4}$	$\frac{8}{25}$	$\Phi_{900}^3\ \Phi_{450}^3\ \Phi_{300}^3\ \Phi_{180}^3\ \Phi_{150}^3\ \Phi_{100}\ \Phi_{90}^3\ \Phi_{60}^3\ \Phi_{50}\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{20}\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_6^3$
149098	1872	893	$\frac{2}{47}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{15}{47}$	$\Phi_{893}^2\ \Phi_{47}^3\ \Phi_{19}^4\ \Phi_1^6$
149099	1872	1316	$\frac{2}{47}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{15}{47}$	$\Phi_{1316}^2\ \Phi_{658}\ \Phi_{329}\ \Phi_{188}\ \Phi_{47}\ \Phi_{28}^4\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
149100	1872	1871	$\frac{80}{1871}$	$\frac{98}{1871}$	$\frac{591}{1871}$	$\frac{597}{1871}$	$\Phi_{1871}\ \Phi_1^2$
149101	1872	2030	$\frac{7}{145}$	$\frac{1}{14}$	$\frac{33}{145}$	$\frac{46}{145}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{406}\ \Phi_{290}\ \Phi_{203}\ \Phi_{70}\ \Phi_{58}\ \Phi_{35}\ \Phi_{10}$
149102	1872	1292	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{1292}^2\ \Phi_{646}^2\ \Phi_{68}^3\ \Phi_{34}^3$
149103	1872	893	$\frac{1}{19}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{6}{19}$	$\Phi_{893}^2\ \Phi_{47}^3\ \Phi_{19}^4\ \Phi_1^6$
149104	1872	1235	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{19}$	$\Phi_{1235}^2\ \Phi_{65}^3$
149105	1872	893	$\frac{1}{19}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{6}{19}$	$\Phi_{893}^2\ \Phi_{47}^3\ \Phi_{19}^4\ \Phi_1^6$
149106	1872	1197	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{6}{19}$	$\Phi_{1197}^2\ \Phi_{399}^2\ \Phi_{63}^3\ \Phi_{21}^3$
149107	1872	595	$\frac{2}{35}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{11}{35}$	$\Phi_{595}^3\ \Phi_{119}^3\ \Phi_{85}^3\ \Phi_{35}^4\ \Phi_{17}^6\ \Phi_7^4\ \Phi_5^4\ \Phi_1^8$
149108	1872	70	$\frac{2}{35}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{11}{35}$	$\Phi_{70}^{29}\ \Phi_{35}^{25}\ \Phi_{14}^{28}\ \Phi_{10}^{29}\ \Phi_7^{24}\ \Phi_5^{24}\ \Phi_2^{28}\ \Phi_1^{24}$
149109	1872	1871	$\frac{107}{1871}$	$\frac{110}{1871}$	$\frac{441}{1871}$	$\frac{587}{1871}$	$\Phi_{1871}\ \Phi_1^2$
149110	1872	1871	$\frac{110}{1871}$	$\frac{111}{1871}$	$\frac{428}{1871}$	$\frac{587}{1871}$	$\Phi_{1871}\ \Phi_1^2$
149111	1872	2500	$\frac{33}{625}$	$\frac{37}{625}$	$\frac{1}{4}$	$\frac{196}{625}$	$\Phi_{2500}\ \Phi_{1250}\ \Phi_{500}\ \Phi_{250}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
149112	1872	2006	$\frac{1}{17}$	$\frac{7}{118}$	$\frac{27}{118}$	$\frac{37}{118}$	$\Phi_{2006}\ \Phi_{1003}\ \Phi_{34}$
149113	1872	1871	$\frac{99}{1871}$	$\frac{119}{1871}$	$\frac{443}{1871}$	$\frac{584}{1871}$	$\Phi_{1871}\ \Phi_1^2$
149114	1872	2041	$\frac{10}{157}$	$\frac{1}{13}$	$\frac{27}{157}$	$\frac{49}{157}$	Φ_{2041}
149115	1872	1871	$\frac{122}{1871}$	$\frac{161}{1871}$	$\frac{285}{1871}$	$\frac{583}{1871}$	$\Phi_{1871}\ \Phi_1^2$
149116	1872	2565	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{31}{135}$	$\frac{14}{45}$	$\Phi_{2565}\ \Phi_{513}\ \Phi_{285}\ \Phi_{95}\ \Phi_{57}$
149117	1872	2115	$\frac{16}{235}$	$\frac{1}{9}$	$\frac{27}{235}$	$\frac{73}{235}$	$\Phi_{2115}\ \Phi_{705}\ \Phi_{423}\ \Phi_{141}\ \Phi_{45}\ \Phi_{15}$
149118	1872	1871	$\frac{128}{1871}$	$\frac{207}{1871}$	$\frac{215}{1871}$	$\frac{581}{1871}$	$\Phi_{1871}\ \Phi_1^2$
149119	1872	406	$\frac{2}{29}$	$\frac{1}{14}$	$\frac{5}{29}$	$\frac{9}{29}$	$\Phi_{406}^5\ \Phi_{203}^5\ \Phi_{58}^5\ \Phi_{14}^4\ \Phi_7^4\ \Phi_2^4$
149120	1872	2191	$\frac{22}{313}$	$\frac{27}{313}$	$\frac{1}{7}$	$\frac{97}{313}$	Φ_{2191}
149121	1872	1871	$\frac{129}{1871}$	$\frac{134}{1871}$	$\frac{323}{1871}$	$\frac{579}{1871}$	$\Phi_{1871}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
149122	1872	2345	$\frac{27}{469}$	$\frac{34}{469}$	$\frac{1}{5}$	$\frac{145}{469}$	$\Phi_{2345}\ \Phi_{335}\ \Phi_{35}$
149123	1872	1871	$\frac{90}{1871}$	$\frac{137}{1871}$	$\frac{431}{1871}$	$\frac{578}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
149124	1872	2500	$\frac{27}{625}$	$\frac{46}{625}$	$\frac{1}{4}$	$\frac{193}{625}$	$\Phi_{2500}\ \Phi_{1250}\ \Phi_{500}\ \Phi_{250}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
149125	1872	1871	$\frac{119}{1871}$	$\frac{146}{1871}$	$\frac{324}{1871}$	$\frac{575}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
149126	1872	2345	$\frac{25}{469}$	$\frac{37}{469}$	$\frac{1}{5}$	$\frac{144}{469}$	$\Phi_{2345}\ \Phi_{335}\ \Phi_{35}$
149127	1872	300	$\frac{1}{25}$	$\frac{2}{25}$	$\frac{1}{4}$	$\frac{23}{75}$	$\Phi_{300}^{12}\ \Phi_{150}^{12}\ \Phi_{100}\ \Phi_{60}^{12}\ \Phi_{50}\ \Phi_{30}^{12}\ \Phi_{20}\ \Phi_{12}^{12}\ \Phi_{10}\ \Phi_{6}^{12}$
149128	1872	1425	$\frac{1}{19}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{75}$	$\Phi_{1425}^{2}\ \Phi_{285}^{2}\ \Phi_{95}\ \Phi_{57}^{2}$
149129	1872	2484	$\frac{1}{27}$	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{138}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
149130	1872	1771	$\frac{5}{77}$	$\frac{2}{23}$	$\frac{12}{77}$	$\frac{7}{23}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{161}\ \Phi_{77}^{2}\ \Phi_{23}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
149131	1872	322	$\frac{1}{14}$	$\frac{2}{23}$	$\frac{1}{7}$	$\frac{7}{23}$	$\Phi_{322}^{6}\ \Phi_{161}^{5}\ \Phi_{46}^{6}\ \Phi_{23}^{6}\ \Phi_{14}^{12}\ \Phi_{7}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
149132	1872	1012	$\frac{2}{23}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{7}{23}$	$\Phi_{1012}^{2}\ \Phi_{506}^{2}\ \Phi_{253}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{44}^{4}\ \Phi_{23}^{2}\ \Phi_{22}^{4}\ \Phi_{11}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
149133	1872	2310	$\frac{1}{11}$	$\frac{23}{231}$	$\frac{1}{10}$	$\frac{10}{33}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{385}\ \Phi_{210}\ \Phi_{154}\ \Phi_{110}\ \Phi_{105}\ \Phi_{70}\ \Phi_{55}\ \Phi_{42}\ \Phi_{35}\ \Phi_{22}\ \Phi_{14}$
149134	1872	1971	$\frac{1}{27}$	$\frac{7}{73}$	$\frac{17}{73}$	$\frac{22}{73}$	$\Phi_{1971}\ \Phi_{657}\ \Phi_{219}$
149135	1872	2970	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{10}{99}$	$\frac{89}{297}$	$\Phi_{2970}\ \Phi_{1485}\ \Phi_{594}\ \Phi_{270}\ \Phi_{135}\ \Phi_{110}\ \Phi_{55}\ \Phi_{54}\ \Phi_{22}$
149136	1872	1871	$\frac{101}{1871}$	$\frac{197}{1871}$	$\frac{295}{1871}$	$\frac{558}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
149137	1872	2030	$\frac{1}{14}$	$\frac{16}{145}$	$\frac{17}{145}$	$\frac{43}{145}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{406}\ \Phi_{290}\ \Phi_{203}\ \Phi_{70}\ \Phi_{58}\ \Phi_{35}\ \Phi_{10}$
149138	1872	1871	$\frac{127}{1871}$	$\frac{218}{1871}$	$\frac{220}{1871}$	$\frac{551}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
149139	1872	1751	$\frac{3}{103}$	$\frac{2}{17}$	$\frac{25}{103}$	$\frac{5}{17}$	$\Phi_{1751}\ \Phi_{103}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
149140	1872	2295	$\frac{1}{27}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{2295}\ \Phi_{765}\ \Phi_{255}\ \Phi_{135}^{2}\ \Phi_{45}^{2}\ \Phi_{15}^{2}$
149141	1872	1751	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{1751}\ \Phi_{103}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
149142	1872	2142	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{714}\ \Phi_{357}\ \Phi_{306}\ \Phi_{126}^{2}\ \Phi_{102}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}$
149143	1872	2191	$\frac{17}{313}$	$\frac{37}{313}$	$\frac{1}{7}$	$\frac{92}{313}$	Φ_{2191}
149144	1872	1871	$\frac{55}{1871}$	$\frac{227}{1871}$	$\frac{441}{1871}$	$\frac{548}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
149145	1872	2500	$\frac{17}{625}$	$\frac{76}{625}$	$\frac{1}{4}$	$\frac{183}{625}$	$\Phi_{2500}\ \Phi_{1250}\ \Phi_{500}\ \Phi_{250}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
149146	1872	2793	$\frac{1}{19}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{147}$	$\Phi_{2793}\ \Phi_{399}\ \Phi_{133}\ \Phi_{57}$
149147	1872	1871	$\frac{51}{1871}$	$\frac{236}{1871}$	$\frac{455}{1871}$	$\frac{545}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
149148	1872	1971	$\frac{1}{27}$	$\frac{10}{73}$	$\frac{13}{73}$	$\frac{21}{73}$	$\Phi_{1971}\ \Phi_{657}\ \Phi_{219}$
149149	1872	840	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{280}\ \Phi_{210}^{3}\ \Phi_{168}^{3}\ \Phi_{140}\ \Phi_{120}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{70}\ \Phi_{60}^{3}\ \Phi_{56}\ \Phi_{42}^{3}\ \Phi_{35}\ \Phi_{30}^{3}\ \Phi_{28}\ \Phi_{24}^{3}\ \Phi_{15}^{3}\ \Phi_{14}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
149150	1872	805	$\frac{5}{161}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{805}^{3}\ \Phi_{115}^{3}\ \Phi_{35}$
149151	1872	1871	$\frac{103}{1871}$	$\frac{221}{1871}$	$\frac{275}{1871}$	$\frac{532}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
149152	1872	2030	$\frac{1}{14}$	$\frac{13}{145}$	$\frac{22}{145}$	$\frac{41}{145}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{406}\ \Phi_{290}\ \Phi_{203}\ \Phi_{70}\ \Phi_{58}\ \Phi_{35}\ \Phi_{10}$
149153	1872	1871	$\frac{131}{1871}$	$\frac{168}{1871}$	$\frac{290}{1871}$	$\frac{527}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
149154	1872	2115	$\frac{13}{235}$	$\frac{1}{9}$	$\frac{37}{235}$	$\frac{66}{235}$	$\Phi_{2115}\ \Phi_{705}\ \Phi_{423}\ \Phi_{141}\ \Phi_{45}\ \Phi_{15}$
149155	1872	1871	$\frac{59}{1871}$	$\frac{302}{1871}$	$\frac{337}{1871}$	$\frac{523}{1871}$	$\Phi_{1871}\ \Phi_{1}^{2}$
149156	1872	2345	$\frac{13}{469}$	$\frac{76}{469}$	$\frac{1}{5}$	$\frac{131}{469}$	$\Phi_{2345}\ \Phi_{335}\ \Phi_{35}$
149157	1872	1764	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{1764}^{2}\ \Phi_{882}\ \Phi_{441}\ \Phi_{252}^{2}\ \Phi_{196}\ \Phi_{126}\ \Phi_{98}\ \Phi_{63}\ \Phi_{28}\ \Phi_{14}$
149158	1872	2574	$\frac{3}{143}$	$\frac{1}{6}$	$\frac{35}{143}$	$\frac{5}{18}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{234}\ \Phi_{198}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{18}^{2}\ \Phi_{13}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
149159	1872	3330	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{3330}\ \Phi_{1665}\ \Phi_{185}$
149160	1872	2574	$\frac{5}{143}$	$\frac{23}{143}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{234}\ \Phi_{198}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{18}^2\ \Phi_{13}\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
149161	1872	3150	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{3150}\ \Phi_{1575}\ \Phi_{630}\ \Phi_{315}\ \Phi_{175}\ \Phi_{35}$
149162	1872	2574	$\frac{7}{143}$	$\frac{17}{143}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{234}\ \Phi_{198}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{18}^2\ \Phi_{13}\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
149163	1872	342	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{342}^5\ \Phi_{171}^6\ \Phi_{114}^6\ \Phi_{57}^7\ \Phi_{38}^6\ \Phi_{19}^6$
149164	1872	2574	$\frac{8}{143}$	$\frac{15}{143}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{234}\ \Phi_{198}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{18}^2\ \Phi_{13}\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
149165	1872	1530	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1530}^2\ \Phi_{765}^2\ \Phi_{306}\ \Phi_{170}\ \Phi_{153}\ \Phi_{85}\ \Phi_{34}$
149166	1872	1386	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1386}^2\ \Phi_{693}^2\ \Phi_{198}\ \Phi_{126}^2\ \Phi_{99}\ \Phi_{77}^2\ \Phi_{63}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_7^2\ \Phi_1^2$
149167	1872	234	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{234}^{11}\ \Phi_{117}^{11}\ \Phi_{18}^{12}\ \Phi_{13}^{11}\ \Phi_9^{12}\ \Phi_1^{12}$
149168	1872	2332	$\frac{1}{53}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{2332}\ \Phi_{1166}\ \Phi_{212}^2\ \Phi_{106}^2$
149169	1872	1705	$\frac{3}{155}$	$\frac{2}{11}$	$\frac{38}{155}$	$\frac{3}{11}$	$\Phi_{1705}\ \Phi_{341}\ \Phi_{155}^2\ \Phi_{55}\ \Phi_{31}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
149170	1872	440	$\frac{1}{40}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{440}^4\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{88}^4\ \Phi_{55}^3\ \Phi_{44}^4\ \Phi_{40}^8\ \Phi_{22}^4\ \Phi_{20}^8\ \Phi_{11}^4\ \Phi_{10}^8\ \Phi_8^8\ \Phi_5^6\ \Phi_4^8\ \Phi_2^8\ \Phi_1^8$
149171	1872	341	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{341}^5\ \Phi_{31}^{10}\ \Phi_{11}^6\ \Phi_1^{12}$
149172	1872	2079	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{231}\ \Phi_{189}^2\ \Phi_{63}^2\ \Phi_{21}^2$
149173	1872	1705	$\frac{11}{155}$	$\frac{12}{155}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1705}\ \Phi_{341}\ \Phi_{155}^2\ \Phi_{55}\ \Phi_{31}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
149174	1872	2002	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{2002}\ \Phi_{1001}\ \Phi_{286}\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{26}^2$
149175	1872	1871	$\frac{35}{1871}$	$\frac{353}{1871}$	$\frac{459}{1871}$	$\frac{506}{1871}$	$\Phi_{1871}\ \Phi_1^2$
149176	1872	1961	$\frac{1}{53}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	Φ_{1961}
149177	1872	570	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{18}{95}$	$\frac{77}{285}$	$\Phi_{570}^5\ \Phi_{285}^4\ \Phi_{190}\ \Phi_{114}^5\ \Phi_{95}\ \Phi_{57}^4\ \Phi_{38}\ \Phi_{30}^5\ \Phi_{15}^4\ \Phi_6^5\ \Phi_3^4$
149178	1872	1960	$\frac{1}{40}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
149179	1872	1871	$\frac{53}{1871}$	$\frac{303}{1871}$	$\frac{392}{1871}$	$\frac{493}{1871}$	$\Phi_{1871}\ \Phi_1^2$
149180	1872	1971	$\frac{1}{27}$	$\frac{9}{73}$	$\frac{16}{73}$	$\frac{19}{73}$	$\Phi_{1971}\ \Phi_{657}\ \Phi_{219}$
149181	1872	1871	$\frac{107}{1871}$	$\frac{147}{1871}$	$\frac{431}{1871}$	$\frac{480}{1871}$	$\Phi_{1871}\ \Phi_1^2$
149182	1872	1871	$\frac{116}{1871}$	$\frac{135}{1871}$	$\frac{434}{1871}$	$\frac{479}{1871}$	$\Phi_{1871}\ \Phi_1^2$
149183	1872	2030	$\frac{9}{145}$	$\frac{1}{14}$	$\frac{34}{145}$	$\frac{37}{145}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{406}\ \Phi_{290}\ \Phi_{203}\ \Phi_{70}\ \Phi_{58}\ \Phi_{35}\ \Phi_{10}$
149184	1872	2041	$\frac{9}{157}$	$\frac{1}{13}$	$\frac{37}{157}$	$\frac{40}{157}$	Φ_{2041}
149185	1872	1871	$\frac{63}{1871}$	$\frac{233}{1871}$	$\frac{452}{1871}$	$\frac{473}{1871}$	$\Phi_{1871}\ \Phi_1^2$
149186	1872	2191	$\frac{9}{313}$	$\frac{1}{7}$	$\frac{76}{313}$	$\frac{79}{313}$	Φ_{2191}
149187	1872	1871	$\frac{39}{1871}$	$\frac{350}{1871}$	$\frac{458}{1871}$	$\frac{471}{1871}$	$\Phi_{1871}\ \Phi_1^2$
149188	1872	2345	$\frac{9}{469}$	$\frac{1}{5}$	$\frac{115}{469}$	$\frac{118}{469}$	$\Phi_{2345}\ \Phi_{335}\ \Phi_{35}$
149189	1872	1871	$\frac{27}{1871}$	$\frac{461}{1871}$	$\frac{467}{1871}$	$\frac{470}{1871}$	$\Phi_{1871}\ \Phi_1^2$
149190	1872	2500	$\frac{9}{625}$	$\frac{154}{625}$	$\frac{1}{4}$	$\frac{157}{625}$	$\Phi_{2500}\ \Phi_{1250}\ \Phi_{500}\ \Phi_{250}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
149191	1872	276	$\frac{1}{69}$	$\frac{17}{69}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{276}^6\ \Phi_{138}^6\ \Phi_{92}^6\ \Phi_{69}^9\ \Phi_{46}^6\ \Phi_{23}^9\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^{12}$
149192	1872	1060	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{1060}^2\ \Phi_{530}^2\ \Phi_{265}^3$
149193	1872	784	$\frac{1}{49}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{784}^3\ \Phi_{392}^3\ \Phi_{196}\ \Phi_{112}^3\ \Phi_{98}\ \Phi_{56}^3\ \Phi_{28}\ \Phi_{14}$
149194	1872	828	$\frac{7}{207}$	$\frac{25}{207}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{828}^2\ \Phi_{414}^2\ \Phi_{276}^2\ \Phi_{207}^3\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{36}^2\ \Phi_{23}^3\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
149195	1872	108	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{108}^{16}\ \Phi_{54}^{16}\ \Phi_{36}^{14}\ \Phi_{27}^{24}\ \Phi_{18}^{14}\ \Phi_{12}^{14}\ \Phi_9^{21}\ \Phi_6^{14}\ \Phi_4^{16}\ \Phi_3^{21}\ \Phi_2^{16}\ \Phi_1^{24}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
149196	1872	460	$\frac{1}{23}$	$\frac{11}{115}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{460}^{4}\ \Phi_{230}^{4}\ \Phi_{115}^{6}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{23}^{3}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
149197	1872	276	$\frac{4}{69}$	$\frac{5}{69}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{276}^{6}\ \Phi_{138}^{6}\ \Phi_{92}^{6}\ \Phi_{69}^{9}\ \Phi_{46}^{6}\ \Phi_{23}^{9}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
149198	1872	476	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{476}^{4}\ \Phi_{238}^{5}\ \Phi_{119}^{5}\ \Phi_{68}^{2}\ \Phi_{34}^{3}\ \Phi_{17}^{2}$
149199	1872	620	$\frac{3}{155}$	$\frac{1}{5}$	$\frac{38}{155}$	$\frac{1}{4}$	$\Phi_{620}^{4}\ \Phi_{310}^{4}\ \Phi_{124}^{4}\ \Phi_{62}^{4}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
149200	1872	2500	$\frac{13}{625}$	$\frac{118}{625}$	$\frac{153}{625}$	$\frac{1}{4}$	$\Phi_{2500}\ \Phi_{1250}\ \Phi_{500}\ \Phi_{250}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
149201	1872	2288	$\frac{3}{143}$	$\frac{3}{16}$	$\frac{35}{143}$	$\frac{1}{4}$	$\Phi_{2288}\ \Phi_{1144}\ \Phi_{208}\ \Phi_{176}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}\ \Phi_{16}^{2}\ \Phi_{13}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
149202	1872	2884	$\frac{3}{103}$	$\frac{1}{7}$	$\frac{25}{103}$	$\frac{1}{4}$	$\Phi_{2884}\ \Phi_{1442}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
149203	1872	2500	$\frac{21}{625}$	$\frac{79}{625}$	$\frac{151}{625}$	$\frac{1}{4}$	$\Phi_{2500}\ \Phi_{1250}\ \Phi_{500}\ \Phi_{250}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
149204	1872	700	$\frac{1}{25}$	$\frac{19}{175}$	$\frac{6}{25}$	$\frac{1}{4}$	$\Phi_{700}^{4}\ \Phi_{350}^{4}\ \Phi_{140}^{4}\ \Phi_{100}\ \Phi_{70}^{4}\ \Phi_{50}\ \Phi_{28}^{4}\ \Phi_{20}\ \Phi_{14}^{4}\ \Phi_{10}$
149205	1872	884	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{4}{17}$	$\frac{1}{4}$	$\Phi_{884}^{3}\ \Phi_{442}^{3}\ \Phi_{52}^{4}\ \Phi_{26}^{4}$
149206	1872	1316	$\frac{3}{47}$	$\frac{1}{14}$	$\frac{11}{47}$	$\frac{1}{4}$	$\Phi_{1316}^{2}\ \Phi_{658}\ \Phi_{329}\ \Phi_{188}\ \Phi_{47}\ \Phi_{28}^{4}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
149207	1872	500	$\frac{8}{125}$	$\frac{9}{125}$	$\frac{29}{125}$	$\frac{1}{4}$	$\Phi_{500}^{5}\ \Phi_{250}^{5}\ \Phi_{100}^{5}\ \Phi_{50}^{5}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
149208	1872	2500	$\frac{37}{625}$	$\frac{49}{625}$	$\frac{144}{625}$	$\frac{1}{4}$	$\Phi_{2500}\ \Phi_{1250}\ \Phi_{500}\ \Phi_{250}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
149209	1872	100	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{11}{50}$	$\frac{1}{4}$	$\Phi_{100}^{25}\ \Phi_{50}^{9}\ \Phi_{25}^{16}\ \Phi_{20}^{25}\ \Phi_{10}^{9}\ \Phi_{5}^{16}\ \Phi_{4}^{24}\ \Phi_{2}^{8}\ \Phi_{1}^{16}$
149210	1872	2484	$\frac{1}{27}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{138}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
149211	1872	2500	$\frac{19}{625}$	$\frac{101}{625}$	$\frac{131}{625}$	$\frac{1}{4}$	$\Phi_{2500}\ \Phi_{1250}\ \Phi_{500}\ \Phi_{250}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
149212	1872	40	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{40}^{48}\ \Phi_{20}^{45}\ \Phi_{10}^{45}\ \Phi_{8}^{48}\ \Phi_{5}^{48}\ \Phi_{4}^{44}\ \Phi_{2}^{44}\ \Phi_{1}^{48}$
149213	1872	3100	$\frac{4}{155}$	$\frac{151}{775}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{3100}\ \Phi_{1550}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
149214	1872	2960	$\frac{1}{37}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2960}\ \Phi_{1480}\ \Phi_{185}$
149215	1872	620	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{620}^{5}\ \Phi_{310}^{5}\ \Phi_{20}^{6}\ \Phi_{10}^{6}$
149216	1872	3780	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{3780}\ \Phi_{1890}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{210}$
149217	1872	300	$\frac{1}{25}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{300}^{10}\ \Phi_{150}^{10}\ \Phi_{100}^{6}\ \Phi_{60}^{8}\ \Phi_{50}^{6}\ \Phi_{30}^{8}\ \Phi_{20}^{5}\ \Phi_{12}^{8}\ \Phi_{10}^{5}\ \Phi_{6}^{8}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
149218	1872	620	$\frac{11}{155}$	$\frac{12}{155}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{620}^{4}\ \Phi_{310}^{4}\ \Phi_{124}^{4}\ \Phi_{62}^{4}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
149219	1872	1820	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1820}^{2}\ \Phi_{910}\ \Phi_{455}\ \Phi_{260}\ \Phi_{65}$
149220	1872	2288	$\frac{5}{143}$	$\frac{23}{143}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2288}\ \Phi_{1144}\ \Phi_{208}\ \Phi_{176}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}\ \Phi_{16}^{2}\ \Phi_{13}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
149221	1872	2800	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2800}\ \Phi_{1400}\ \Phi_{560}\ \Phi_{280}\ \Phi_{175}\ \Phi_{35}$
149222	1872	2288	$\frac{7}{143}$	$\frac{17}{143}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2288}\ \Phi_{1144}\ \Phi_{208}\ \Phi_{176}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}\ \Phi_{16}^{2}\ \Phi_{13}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
149223	1872	2736	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2736}\ \Phi_{1368}\ \Phi_{912}\ \Phi_{456}\ \Phi_{171}\ \Phi_{57}$
149224	1872	2288	$\frac{8}{143}$	$\frac{15}{143}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2288}\ \Phi_{1144}\ \Phi_{208}\ \Phi_{176}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}\ \Phi_{16}^{2}\ \Phi_{13}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
149225	1872	1360	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1360}^{2}\ \Phi_{680}^{2}\ \Phi_{272}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{34}$
149226	1872	1232	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1232}^{2}\ \Phi_{616}^{2}\ \Phi_{176}\ \Phi_{112}^{2}\ \Phi_{88}\ \Phi_{77}^{2}\ \Phi_{56}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
149227	1872	208	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{208}^{11}\ \Phi_{104}^{11}\ \Phi_{16}^{12}\ \Phi_{13}^{11}\ \Phi_{8}^{12}\ \Phi_{1}^{12}$
149228	1872	500	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{4}$	$\Phi_{500}^{6}\ \Phi_{250}^{6}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
149229	1872	2772	$\frac{5}{77}$	$\frac{1}{9}$	$\frac{12}{77}$	$\frac{1}{4}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{462}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{132}\ \Phi_{126}\ \Phi_{84}\ \Phi_{66}\ \Phi_{42}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
149230	1872	2500	$\frac{43}{625}$	$\frac{66}{625}$	$\frac{97}{625}$	$\frac{1}{4}$	$\Phi_{2500}\ \Phi_{1250}\ \Phi_{500}\ \Phi_{250}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
149231	1872	1316	$\frac{1}{14}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{4}$	$\Phi_{1316}^{2}\ \Phi_{658}\ \Phi_{329}\ \Phi_{188}\ \Phi_{47}\ \Phi_{28}^{4}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
149232	1872	2500	$\frac{41}{625}$	$\frac{73}{625}$	$\frac{92}{625}$	$\frac{1}{4}$	$\Phi_{2500}\ \Phi_{1250}\ \Phi_{500}\ \Phi_{250}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
149233	1872	2884	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2884}\ \Phi_{1442}\ \Phi_{28}^2\ \Phi_{14}^2$
149234	1872	252	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{252}^{11}\ \Phi_{126}^5\ \Phi_{84}^{11}\ \Phi_{63}^6\ \Phi_{42}^5\ \Phi_{36}^{12}\ \Phi_{21}^6\ \Phi_{18}^6\ \Phi_{12}^{12}\ \Phi_9^6\ \Phi_6^6\ \Phi_3^6$
149235	1872	396	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{44}$	$\frac{1}{4}$	$\Phi_{396}^5\ \Phi_{198}^5\ \Phi_{132}^5\ \Phi_{99}^6\ \Phi_{66}^5\ \Phi_{36}^6\ \Phi_{33}^6\ \Phi_{18}^6\ \Phi_{12}^6\ \Phi_9^6\ \Phi_6^6\ \Phi_3^6$
149236	1872	770	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{37}{154}$	$\Phi_{770}^4\ \Phi_{385}^2\ \Phi_{110}^4\ \Phi_{70}^4\ \Phi_{55}^2\ \Phi_{35}^3\ \Phi_{10}^4\ \Phi_5^2$
149237	1872	1065	$\frac{3}{71}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{17}{71}$	$\Phi_{1065}^2\ \Phi_{355}\ \Phi_{213}^2\ \Phi_{71}^2\ \Phi_{15}^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
149238	1872	670	$\frac{3}{67}$	$\frac{17}{134}$	$\frac{1}{5}$	$\frac{16}{67}$	$\Phi_{670}^4\ \Phi_{335}^3\ \Phi_{10}^4\ \Phi_5^2$
149239	1872	595	$\frac{1}{17}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{4}{17}$	$\Phi_{595}^3\ \Phi_{119}^3\ \Phi_{85}^3\ \Phi_{35}^4\ \Phi_{17}^6\ \Phi_7^4\ \Phi_5^4\ \Phi_1^8$
149240	1872	170	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{17}$	$\Phi_{170}^{12}\ \Phi_{85}^9\ \Phi_{34}^{12}\ \Phi_{17}^{12}\ \Phi_{10}^{16}\ \Phi_5^{12}\ \Phi_2^{16}\ \Phi_1^{16}$
149241	1872	119	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{4}{17}$	$\Phi_{119}^{15}\ \Phi_{17}^{18}\ \Phi_7^{20}\ \Phi_1^{24}$
149242	1872	1871	$\frac{111}{1871}$	$\frac{159}{1871}$	$\frac{428}{1871}$	$\frac{440}{1871}$	$\Phi_{1871}\ \Phi_1^2$
149243	1872	2090	$\frac{13}{209}$	$\frac{1}{10}$	$\frac{40}{209}$	$\frac{49}{209}$	$\Phi_{2090}\ \Phi_{1045}\ \Phi_{418}\ \Phi_{190}\ \Phi_{110}\ \Phi_{95}\ \Phi_{55}\ \Phi_{38}\ \Phi_{22}$
149244	1872	1871	$\frac{123}{1871}$	$\frac{239}{1871}$	$\frac{272}{1871}$	$\frac{437}{1871}$	$\Phi_{1871}\ \Phi_1^2$
149245	1872	2191	$\frac{21}{313}$	$\frac{40}{313}$	$\frac{1}{7}$	$\frac{73}{313}$	Φ_{2191}
149246	1872	1871	$\frac{131}{1871}$	$\frac{168}{1871}$	$\frac{359}{1871}$	$\frac{435}{1871}$	$\Phi_{1871}\ \Phi_1^2$
149247	1872	2345	$\frac{33}{469}$	$\frac{40}{469}$	$\frac{1}{5}$	$\frac{109}{469}$	$\Phi_{2345}\ \Phi_{335}\ \Phi_{35}$
149248	1872	70	$\frac{1}{14}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{8}{35}$	$\Phi_{70}^{29}\ \Phi_{35}^{25}\ \Phi_{14}^{28}\ \Phi_{10}^{29}\ \Phi_7^{24}\ \Phi_5^{24}\ \Phi_2^{28}\ \Phi_1^{24}$
149249	1872	2030	$\frac{1}{14}$	$\frac{13}{145}$	$\frac{28}{145}$	$\frac{33}{145}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{406}\ \Phi_{290}\ \Phi_{203}\ \Phi_{70}\ \Phi_{58}\ \Phi_{35}\ \Phi_{10}$
149250	1872	1871	$\frac{116}{1871}$	$\frac{195}{1871}$	$\frac{363}{1871}$	$\frac{419}{1871}$	$\Phi_{1871}\ \Phi_1^2$
149251	1872	335	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{1}{5}$	$\frac{15}{67}$	$\Phi_{335}^7\ \Phi_5^6$
149252	1872	1771	$\frac{5}{77}$	$\frac{3}{23}$	$\frac{12}{77}$	$\frac{5}{23}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{161}\ \Phi_{77}^2\ \Phi_{23}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
149253	1872	322	$\frac{1}{14}$	$\frac{3}{23}$	$\frac{1}{7}$	$\frac{5}{23}$	$\Phi_{322}^6\ \Phi_{161}^5\ \Phi_{46}^6\ \Phi_{23}^6\ \Phi_{14}^{12}\ \Phi_7^{10}\ \Phi_2^{12}\ \Phi_1^{12}$
149254	1872	1012	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{3}{23}$	$\frac{5}{23}$	$\Phi_{1012}^2\ \Phi_{506}^2\ \Phi_{253}\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{44}^4\ \Phi_{23}^2\ \Phi_{22}^4\ \Phi_{11}^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
149255	1872	1871	$\frac{113}{1871}$	$\frac{263}{1871}$	$\frac{293}{1871}$	$\frac{402}{1871}$	$\Phi_{1871}\ \Phi_1^2$
149256	1872	2030	$\frac{1}{14}$	$\frac{19}{145}$	$\frac{21}{145}$	$\frac{31}{145}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{406}\ \Phi_{290}\ \Phi_{203}\ \Phi_{70}\ \Phi_{58}\ \Phi_{35}\ \Phi_{10}$
149257	1872	330	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{33}$	$\frac{7}{33}$	$\Phi_{330}^6\ \Phi_{165}^6\ \Phi_{110}^7\ \Phi_{66}^6\ \Phi_{55}^7\ \Phi_{30}^6\ \Phi_{22}^7\ \Phi_{15}^6\ \Phi_{10}^6\ \Phi_6^6\ \Phi_5^6\ \Phi_2^6$
149258	1872	1871	$\frac{125}{1871}$	$\frac{246}{1871}$	$\frac{291}{1871}$	$\frac{395}{1871}$	$\Phi_{1871}\ \Phi_1^2$
149259	1872	2191	$\frac{19}{313}$	$\frac{1}{7}$	$\frac{49}{313}$	$\frac{66}{313}$	Φ_{2191}
149260	1872	570	$\frac{5}{57}$	$\frac{1}{10}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{570}^4\ \Phi_{285}^4\ \Phi_{190}^3\ \Phi_{114}^4\ \Phi_{95}^3\ \Phi_{38}^3\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^2\ \Phi_2^2$
149261	1872	145	$\frac{1}{29}$	$\frac{28}{145}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{145}^{13}\ \Phi_{29}^{12}\ \Phi_5^{16}\ \Phi_1^{16}$
149262	1872	285	$\frac{1}{19}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{285}^8\ \Phi_{95}^5\ \Phi_{57}^8\ \Phi_{19}^4$
149263	1872	145	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{145}^{12}\ \Phi_{29}^{16}\ \Phi_5^{15}\ \Phi_1^{20}$
149264	1872	70	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{70}^{29}\ \Phi_{35}^{29}\ \Phi_{14}^{28}\ \Phi_{10}^{13}\ \Phi_7^{28}\ \Phi_5^{16}\ \Phi_2^{12}\ \Phi_1^{16}$
149265	1872	350	$\frac{1}{14}$	$\frac{4}{35}$	$\frac{31}{175}$	$\frac{1}{5}$	$\Phi_{350}^7\ \Phi_{175}^6\ \Phi_{70}\ \Phi_{50}^7\ \Phi_{35}\ \Phi_{25}^6\ \Phi_{10}$
149266	1872	2375	$\frac{1}{19}$	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\Phi_{2375}\ \Phi_{95}$
149267	1872	385	$\frac{5}{77}$	$\frac{1}{7}$	$\frac{12}{77}$	$\frac{1}{5}$	$\Phi_{385}^6\ \Phi_{55}^6\ \Phi_{35}^7\ \Phi_5^6$
149268	1872	2345	$\frac{31}{469}$	$\frac{66}{469}$	$\frac{73}{469}$	$\frac{1}{5}$	$\Phi_{2345}\ \Phi_{335}\ \Phi_{35}$
149269	1872	1065	$\frac{5}{71}$	$\frac{2}{15}$	$\frac{11}{71}$	$\frac{1}{5}$	$\Phi_{1065}^2\ \Phi_{355}\ \Phi_{213}^2\ \Phi_{71}^2\ \Phi_{15}^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
149270	1872	70	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{70}^{36}\ \Phi_{35}^{31}\ \Phi_{10}^{36}\ \Phi_5^{30}$
149271	1872	1365	$\frac{1}{13}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{1365}^2\ \Phi_{455}\ \Phi_{273}^2\ \Phi_{91}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
149272	1872	2695	$\frac{6}{77}$	$\frac{71}{539}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{2695}\ \Phi_{245}\ \Phi_{35}$
149273	1872	1540	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{1540}^2\ \Phi_{770}^2\ \Phi_{385}\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}^2$
149274	1872	1065	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{1065}^2\ \Phi_{355}\ \Phi_{213}^2\ \Phi_{71}^2\ \Phi_{15}^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
149275	1872	90	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{90}^{26}\ \Phi_{45}^{21}\ \Phi_{30}^{16}\ \Phi_{18}^{26}\ \Phi_{15}^{13}\ \Phi_{10}^{20}\ \Phi_9^{20}\ \Phi_6^{16}\ \Phi_5^{16}\ \Phi_3^{12}\ \Phi_2^{20}\ \Phi_1^{16}$
149276	1872	423	$\frac{5}{47}$	$\frac{1}{9}$	$\frac{7}{47}$	$\frac{8}{47}$	$\Phi_{423}^5\ \Phi_{141}^5\ \Phi_9^4\ \Phi_3^4$
149277	1873	3328	$\frac{1}{208}$	$\frac{209}{1664}$	$\frac{1455}{3328}$	$\frac{207}{416}$	$\Phi_{3328}\ \Phi_{416}\ \Phi_{256}\ \Phi_{32}\ \Phi_1$
149278	1873	2496	$\frac{1}{208}$	$\frac{623}{2496}$	$\frac{209}{832}$	$\frac{207}{416}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{624}\ \Phi_{416}\ \Phi_{312}\ \Phi_{192}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{48}\ \Phi_{39}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
149279	1873	2250	$\frac{2}{375}$	$\frac{377}{2250}$	$\frac{1}{3}$	$\frac{373}{750}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{450}\ \Phi_{375}\ \Phi_{225}\ \Phi_{125}\ \Phi_{90}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
149280	1873	3456	$\frac{1}{144}$	$\frac{145}{1728}$	$\frac{1583}{3456}$	$\frac{143}{288}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{288}\ \Phi_{128}\ \Phi_{96}\ \Phi_{32}\ \Phi_1$
149281	1873	2592	$\frac{1}{144}$	$\frac{145}{864}$	$\frac{719}{2592}$	$\frac{143}{288}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{288}\ \Phi_{162}\ \Phi_{96}\ \Phi_{81}\ \Phi_{32}\ \Phi_1$
149282	1873	2304	$\frac{1}{144}$	$\frac{431}{2304}$	$\frac{145}{576}$	$\frac{143}{288}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{288}\ \Phi_{256}\ \Phi_{128}\ \Phi_{96}\ \Phi_{32}\ \Phi_1$
149283	1873	3720	$\frac{13}{1860}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1847}{3720}$	$\Phi_{3720}\ \Phi_{1240}\ \Phi_{744}\ \Phi_{248}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
149284	1873	3712	$\frac{17}{1856}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{1839}{3712}$	$\Phi_{3712}\ \Phi_{128}\ \Phi_{32}\ \Phi_1$
149285	1873	2144	$\frac{3}{268}$	$\frac{271}{2144}$	$\frac{1}{4}$	$\frac{265}{536}$	$\Phi_{2144}\ \Phi_{1072}\ \Phi_{268}\ \Phi_{134}\ \Phi_{67}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
149286	1873	3696	$\frac{25}{1848}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1823}{3696}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{112}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
149287	1873	3680	$\frac{33}{1840}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1807}{3680}$	$\Phi_{3680}\ \Phi_{736}\ \Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
149288	1873	2256	$\frac{7}{376}$	$\frac{1}{8}$	$\frac{383}{2256}$	$\frac{369}{752}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{564}\ \Phi_{376}\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{94}\ \Phi_{48}\ \Phi_{47}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
149289	1873	3672	$\frac{37}{1836}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1799}{3672}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{216}\ \Phi_{136}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
149290	1873	3648	$\frac{1}{48}$	$\frac{49}{1824}$	$\frac{1775}{3648}$	$\frac{47}{96}$	$\Phi_{3648}\ \Phi_{1216}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
149291	1873	1950	$\frac{2}{75}$	$\frac{77}{1950}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{390}\ \Phi_{325}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}\ \Phi_{75}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}\ \Phi_{25}\ \Phi_{15}\ \Phi_{13}\ \Phi_5\ \Phi_1$
149292	1873	2520	$\frac{17}{630}$	$\frac{1}{18}$	$\frac{647}{2520}$	$\frac{613}{1260}$	$\Phi_{2520}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{126}\ \Phi_{120}\ \Phi_{105}\ \Phi_{90}\ \Phi_{72}\ \Phi_{70}\ \Phi_{63}\ \Phi_{56}\ \Phi_{45}\ \Phi_{42}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
149293	1873	3640	$\frac{53}{1820}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1767}{3640}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{280}\ \Phi_{104}\ \Phi_{65}\ \Phi_{56}\ \Phi_{40}\ \Phi_8\ \Phi_5\ \Phi_1$
149294	1873	2262	$\frac{12}{377}$	$\frac{1}{13}$	$\frac{389}{2262}$	$\frac{365}{754}$	$\Phi_{2262}\ \Phi_{1131}\ \Phi_{377}\ \Phi_{174}\ \Phi_{87}\ \Phi_{78}\ \Phi_{39}\ \Phi_{29}\ \Phi_6\ \Phi_3\ \Phi_1$
149295	1873	3600	$\frac{2}{75}$	$\frac{73}{1800}$	$\frac{1}{3}$	$\frac{1727}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}\ \Phi_{75}\ \Phi_{48}\ \Phi_{25}\ \Phi_{16}\ \Phi_{15}\ \Phi_5\ \Phi_1$
149296	1873	3600	$\frac{73}{1800}$	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{1727}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
149297	1873	2268	$\frac{17}{378}$	$\frac{1}{18}$	$\frac{395}{2268}$	$\frac{361}{756}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{324}\ \Phi_{189}\ \Phi_{162}\ \Phi_{126}\ \Phi_{81}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
149298	1873	2052	$\frac{8}{171}$	$\frac{179}{2052}$	$\frac{1}{9}$	$\frac{163}{342}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{513}\ \Phi_{228}\ \Phi_{171}\ \Phi_{108}\ \Phi_{76}\ \Phi_{57}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{19}\ \Phi_{12}\ \Phi_4\ \Phi_1$
149299	1873	3564	$\frac{91}{1782}$	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1691}{3564}$	$\Phi_{3564}\ \Phi_{1188}\ \Phi_{396}\ \Phi_{324}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
149300	1873	3528	$\frac{1}{18}$	$\frac{109}{1764}$	$\frac{17}{126}$	$\frac{1655}{3528}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{392}\ \Phi_{168}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
149301	1873	2784	$\frac{17}{928}$	$\frac{1}{16}$	$\frac{911}{2784}$	$\frac{15}{32}$	$\Phi_{2784}\ \Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{96}\ \Phi_{87}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
149302	1873	1920	$\frac{47}{1920}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
149303	1873	2160	$\frac{1}{18}$	$\frac{17}{270}$	$\frac{287}{2160}$	$\frac{253}{540}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
149304	1873	1980	$\frac{107}{1980}$	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{198}$	Φ_{1980} Φ_{990} Φ_{660} Φ_{495} Φ_{396} Φ_{330} Φ_{220} Φ_{180} Φ_{165} Φ_{132} Φ_{110} Φ_{99} Φ_{90} Φ_{60} Φ_{55} Φ_{45} Φ_{44} Φ_{36} Φ_{33} Φ_{30} Φ_{20} Φ_{15} Φ_{12} Φ_{11} Φ_{10} Φ_5 Φ_4 Φ_1
149305	1873	3456	$\frac{1}{72}$	$\frac{145}{1728}$	$\frac{71}{216}$	$\frac{1583}{3456}$	Φ_{3456} Φ_{1152} Φ_{384} Φ_{216} Φ_{128} Φ_{108} Φ_{54} Φ_{27} Φ_1
149306	1873	3456	$\frac{1}{48}$	$\frac{145}{1728}$	$\frac{47}{192}$	$\frac{1583}{3456}$	Φ_{3456} Φ_{1152} Φ_{384} Φ_{192} Φ_{128} Φ_{96} Φ_{64} Φ_{32} Φ_1
149307	1873	3420	$\frac{8}{171}$	$\frac{163}{1710}$	$\frac{1}{9}$	$\frac{1547}{3420}$	Φ_{3420} Φ_{1140} Φ_{684} Φ_{380} Φ_{228} Φ_{180} Φ_{171} Φ_{76} Φ_{60} Φ_{57} Φ_{36} Φ_{20} Φ_{19} Φ_{12} Φ_4 Φ_1
149308	1873	1904	$\frac{31}{1904}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	Φ_{1904} Φ_{952} Φ_{476} Φ_{272} Φ_{238} Φ_{136} Φ_{119} Φ_{112} Φ_{68} Φ_{34} Φ_{28} Φ_{17} Φ_{16} Φ_{14} Φ_7 Φ_1
149309	1873	2592	$\frac{1}{72}$	$\frac{71}{648}$	$\frac{719}{2592}$	$\frac{577}{1296}$	Φ_{2592} Φ_{864} Φ_{648} Φ_{324} Φ_{288} Φ_{216} Φ_{162} Φ_{108} Φ_{96} Φ_{81} Φ_{54} Φ_{32} Φ_{27} Φ_1
149310	1873	3360	$\frac{1}{48}$	$\frac{193}{1680}$	$\frac{47}{240}$	$\frac{1487}{3360}$	Φ_{3360} Φ_{1120} Φ_{672} Φ_{480} Φ_{240} Φ_{224} Φ_{160} Φ_{120} Φ_{96} Φ_{80} Φ_{60} Φ_{40} Φ_{32} Φ_{30} Φ_{20} Φ_{15} Φ_{10} Φ_5 Φ_1
149311	1873	2304	$\frac{1}{48}$	$\frac{47}{384}$	$\frac{431}{2304}$	$\frac{337}{768}$	Φ_{2304} Φ_{1152} Φ_{576} Φ_{384} Φ_{288} Φ_{192} Φ_{144} Φ_{128} Φ_{96} Φ_{72} Φ_{64} Φ_{36} Φ_{32} Φ_{18} Φ_9 Φ_1
149312	1873	1890	$\frac{17}{1890}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	Φ_{1890} Φ_{945} Φ_{630} Φ_{378} Φ_{315} Φ_{270} Φ_{210} Φ_{189} Φ_{135} Φ_{126} Φ_{105} Φ_{90} Φ_{70} Φ_{63} Φ_{54} Φ_{45} Φ_{42} Φ_{35} Φ_{27} Φ_{21} Φ_{18} Φ_{15} Φ_{14} Φ_9 Φ_7 Φ_5 Φ_1
149313	1873	2016	$\frac{1}{18}$	$\frac{143}{2016}$	$\frac{17}{126}$	$\frac{109}{252}$	Φ_{2016} Φ_{1008} Φ_{672} Φ_{504} Φ_{336} Φ_{288} Φ_{224} Φ_{168} Φ_{144} Φ_{126} Φ_{112} Φ_{96} Φ_{72} Φ_{63} Φ_{56} Φ_{48} Φ_{42} Φ_{32} Φ_{24} Φ_{21} Φ_{16} Φ_{14} Φ_8 Φ_7 Φ_1
149314	1873	2184	$\frac{1}{39}$	$\frac{38}{273}$	$\frac{311}{2184}$	$\frac{235}{546}$	Φ_{2184} Φ_{1092} Φ_{728} Φ_{364} Φ_{312} Φ_{273} Φ_{168} Φ_{156} Φ_{104} Φ_{91} Φ_{84} Φ_{56} Φ_{52} Φ_{28} Φ_{24} Φ_{21} Φ_{12} Φ_8 Φ_7 Φ_4 Φ_1
149315	1873	3276	$\frac{1}{39}$	$\frac{38}{273}$	$\frac{235}{1638}$	$\frac{1403}{3276}$	Φ_{3276} Φ_{1092} Φ_{468} Φ_{364} Φ_{273} Φ_{252} Φ_{156} Φ_{91} Φ_{84} Φ_{52} Φ_{36} Φ_{28} Φ_{21} Φ_{12} Φ_7 Φ_4 Φ_1
149316	1873	3240	$\frac{1}{18}$	$\frac{17}{270}$	$\frac{253}{1620}$	$\frac{1367}{3240}$	Φ_{3240} Φ_{1080} Φ_{648} Φ_{360} Φ_{270} Φ_{216} Φ_{135} Φ_{120} Φ_{90} Φ_{72} Φ_{54} Φ_{45} Φ_{40} Φ_{30} Φ_{27} Φ_{24} Φ_{15} Φ_{10} Φ_8 Φ_5 Φ_1
149317	1873	3216	$\frac{3}{268}$	$\frac{265}{1608}$	$\frac{1}{4}$	$\frac{1343}{3216}$	Φ_{3216} Φ_{1072} Φ_{268} Φ_{134} Φ_{67} Φ_{48} Φ_{16} Φ_1
149318	1873	1920	$\frac{47}{1920}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	Φ_{1920} Φ_{960} Φ_{640} Φ_{480} Φ_{384} Φ_{320} Φ_{240} Φ_{192} Φ_{160} Φ_{128} Φ_{120} Φ_{96} Φ_{64} Φ_{60} Φ_{48} Φ_{40} Φ_{32} Φ_{30} Φ_{24} Φ_{20} Φ_{15} Φ_{12} Φ_{10} Φ_6 Φ_5 Φ_3 Φ_1
149319	1873	1950	$\frac{77}{1950}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{130}$	Φ_{1950} Φ_{975} Φ_{650} Φ_{390} Φ_{325} Φ_{195} Φ_{150} Φ_{78} Φ_{75} Φ_{65} Φ_{50} Φ_{39} Φ_{30} Φ_{25} Φ_{15} Φ_6 Φ_5 Φ_3 Φ_1
149320	1873	1980	$\frac{107}{1980}$	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{73}{180}$	Φ_{1980} Φ_{990} Φ_{660} Φ_{495} Φ_{396} Φ_{330} Φ_{220} Φ_{198} Φ_{165} Φ_{132} Φ_{110} Φ_{99} Φ_{90} Φ_{66} Φ_{55} Φ_{45} Φ_{44} Φ_{33} Φ_{30} Φ_{22} Φ_{15} Φ_{11} Φ_{10} Φ_5 Φ_1
149321	1873	2340	$\frac{1}{78}$	$\frac{77}{390}$	$\frac{467}{2340}$	$\frac{313}{780}$	Φ_{2340} Φ_{1170} Φ_{585} Φ_{468} Φ_{390} Φ_{234} Φ_{195} Φ_{180} Φ_{130} Φ_{117} Φ_{90} Φ_{65} Φ_{45} Φ_{36} Φ_{30} Φ_{18} Φ_{15} Φ_{10} Φ_9 Φ_5 Φ_1
149322	1873	3120	$\frac{1}{78}$	$\frac{77}{390}$	$\frac{313}{1560}$	$\frac{1247}{3120}$	Φ_{3120} Φ_{1040} Φ_{624} Φ_{390} Φ_{240} Φ_{208} Φ_{195} Φ_{130} Φ_{80} Φ_{65} Φ_{48} Φ_{30} Φ_{16} Φ_{15} Φ_{10} Φ_5 Φ_1
149323	1873	3072	$\frac{1}{48}$	$\frac{47}{384}$	$\frac{337}{1536}$	$\frac{1199}{3072}$	Φ_{3072} Φ_{1024} Φ_{384} Φ_{192} Φ_{128} Φ_{96} Φ_{64} Φ_{32} Φ_1
149324	1873	3024	$\frac{17}{378}$	$\frac{1}{18}$	$\frac{361}{1512}$	$\frac{1151}{3024}$	Φ_{3024} Φ_{1008} Φ_{432} Φ_{378} Φ_{336} Φ_{189} Φ_{144} Φ_{126} Φ_{112} Φ_{63} Φ_{54} Φ_{48} Φ_{42} Φ_{27} Φ_{21} Φ_{16} Φ_{14} Φ_7 Φ_1
149325	1873	3016	$\frac{12}{377}$	$\frac{1}{13}$	$\frac{365}{1508}$	$\frac{1143}{3016}$	Φ_{3016} Φ_{377} Φ_{232} Φ_{104} Φ_{29} Φ_8 Φ_1
149326	1873	3008	$\frac{7}{376}$	$\frac{1}{8}$	$\frac{369}{1504}$	$\frac{1135}{3008}$	Φ_{3008} Φ_{376} Φ_{188} Φ_{94} Φ_{64} Φ_{47} Φ_1
149327	1873	3000	$\frac{2}{375}$	$\frac{373}{1500}$	$\frac{1}{3}$	$\frac{1127}{3000}$	Φ_{3000} Φ_{1000} Φ_{600} Φ_{375} Φ_{200} Φ_{125} Φ_{120} Φ_{75} Φ_{40} Φ_{25} Φ_{24} Φ_{15} Φ_8 Φ_5 Φ_1
149328	1873	2880	$\frac{1}{48}$	$\frac{47}{480}$	$\frac{433}{1440}$	$\frac{1007}{2880}$	Φ_{2880} Φ_{960} Φ_{576} Φ_{480} Φ_{320} Φ_{240} Φ_{192} Φ_{160} Φ_{120} Φ_{96} Φ_{80} Φ_{64} Φ_{60} Φ_{40} Φ_{32} Φ_{30} Φ_{20} Φ_{15} Φ_{10} Φ_5 Φ_1
149329	1873	1944	$\frac{71}{1944}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{37}{108}$	Φ_{1944} Φ_{972} Φ_{648} Φ_{486} Φ_{324} Φ_{243} Φ_{216} Φ_{162} Φ_{81} Φ_{72} Φ_{54} Φ_{27} Φ_{24} Φ_8 Φ_1
149330	1873	2160	$\frac{1}{72}$	$\frac{287}{2160}$	$\frac{71}{216}$	$\frac{145}{432}$	Φ_{2160} Φ_{1080} Φ_{720} Φ_{540} Φ_{360} Φ_{270} Φ_{240} Φ_{216} Φ_{180} Φ_{135} Φ_{120} Φ_{108} Φ_{90} Φ_{80} Φ_{60} Φ_{54} Φ_{45} Φ_{40} Φ_{30} Φ_{27} Φ_{20} Φ_{15} Φ_{10} Φ_5 Φ_1
149331	1873	2808	$\frac{1}{234}$	$\frac{233}{702}$	$\frac{935}{2808}$	$\frac{469}{1404}$	Φ_{2808} Φ_{936} Φ_{702} Φ_{351} Φ_{312} Φ_{216} Φ_{104} Φ_{72} Φ_{54} Φ_{27} Φ_{24} Φ_8 Φ_1

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
149332	1873	2790	$\frac{13}{930}$	$\frac{2}{15}$	$\frac{917}{2790}$	$\frac{1}{3}$	$\Phi_{2790}\ \Phi_{1395}\ \Phi_{558}\ \Phi_{279}\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
149333	1873	2025	$\frac{2}{75}$	$\frac{152}{2025}$	$\frac{73}{225}$	$\frac{1}{3}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{405}\ \Phi_{135}\ \Phi_{81}\ \Phi_{75}\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
149334	1873	2700	$\frac{2}{75}$	$\frac{73}{900}$	$\frac{827}{2700}$	$\frac{1}{3}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{75}\ \Phi_{54}\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
149335	1873	2100	$\frac{2}{75}$	$\frac{227}{2100}$	$\frac{73}{300}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{75}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
149336	1873	2400	$\frac{2}{75}$	$\frac{73}{600}$	$\frac{527}{2400}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{75}\ \Phi_{48}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
149337	1873	1920	$\frac{47}{1920}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
149338	1873	2325	$\frac{13}{465}$	$\frac{2}{15}$	$\frac{452}{2325}$	$\frac{1}{3}$	$\Phi_{2325}\ \Phi_{775}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
149339	1873	2250	$\frac{2}{75}$	$\frac{73}{450}$	$\frac{377}{2250}$	$\frac{1}{3}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{750}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
149340	1873	2412	$\frac{3}{268}$	$\frac{539}{2412}$	$\frac{1}{4}$	$\frac{265}{804}$	$\Phi_{2412}\ \Phi_{1206}\ \Phi_{603}\ \Phi_{268}\ \Phi_{134}\ \Phi_{67}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
149341	1873	2592	$\frac{1}{72}$	$\frac{145}{864}$	$\frac{719}{2592}$	$\frac{71}{216}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{1}$
149342	1873	2772	$\frac{25}{924}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{899}{2772}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
149343	1873	2760	$\frac{33}{920}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{887}{2760}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{120}\ \Phi_{69}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
149344	1873	2754	$\frac{37}{918}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{881}{2754}$	$\Phi_{2754}\ \Phi_{1377}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{1}$
149345	1873	2730	$\frac{53}{910}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{857}{2730}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{273}\ \Phi_{210}\ \Phi_{195}\ \Phi_{105}\ \Phi_{78}\ \Phi_{65}\ \Phi_{42}\ \Phi_{39}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
149346	1873	2430	$\frac{1}{18}$	$\frac{17}{270}$	$\frac{557}{2430}$	$\frac{253}{810}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{486}\ \Phi_{270}\ \Phi_{243}\ \Phi_{135}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
149347	1873	2079	$\frac{8}{99}$	$\frac{206}{2079}$	$\frac{1}{9}$	$\frac{91}{297}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{231}\ \Phi_{189}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
149348	1873	2700	$\frac{1}{18}$	$\frac{73}{900}$	$\frac{17}{90}$	$\frac{827}{2700}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
149349	1873	2673	$\frac{8}{99}$	$\frac{91}{891}$	$\frac{1}{9}$	$\frac{800}{2673}$	$\Phi_{2673}\ \Phi_{243}\ \Phi_{99}\ \Phi_{33}\ \Phi_{11}\ \Phi_{1}$
149350	1873	1932	$\frac{59}{1932}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{276}\ \Phi_{161}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{28}\ \Phi_{23}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
149351	1873	2646	$\frac{1}{18}$	$\frac{109}{882}$	$\frac{17}{126}$	$\frac{773}{2646}$	$\Phi_{2646}\ \Phi_{1323}\ \Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
149352	1873	2457	$\frac{1}{39}$	$\frac{38}{273}$	$\frac{584}{2457}$	$\frac{235}{819}$	$\Phi_{2457}\ \Phi_{351}\ \Phi_{273}\ \Phi_{189}\ \Phi_{91}\ \Phi_{27}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
149353	1873	2565	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{163}{855}$	$\frac{692}{2565}$	$\Phi_{2565}\ \Phi_{513}\ \Phi_{171}\ \Phi_{135}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_{1}$
149354	1873	2304	$\frac{1}{48}$	$\frac{431}{2304}$	$\frac{47}{192}$	$\frac{145}{576}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
149355	1873	2464	$\frac{25}{616}$	$\frac{3}{28}$	$\frac{591}{2464}$	$\frac{1}{4}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{352}\ \Phi_{224}\ \Phi_{176}\ \Phi_{112}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
149356	1873	2016	$\frac{143}{2016}$	$\frac{3}{28}$	$\frac{25}{168}$	$\frac{1}{4}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
149357	1873	2156	$\frac{25}{308}$	$\frac{3}{28}$	$\frac{283}{2156}$	$\frac{1}{4}$	$\Phi_{2156}\ \Phi_{1078}\ \Phi_{539}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
149358	1873	2376	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{594}$	$\frac{503}{2376}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{216}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
149359	1873	2080	$\frac{1}{13}$	$\frac{207}{2080}$	$\frac{12}{65}$	$\frac{53}{260}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{208}\ \Phi_{160}\ \Phi_{104}\ \Phi_{80}\ \Phi_{65}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
149360	1873	2160	$\frac{1}{18}$	$\frac{287}{2160}$	$\frac{17}{90}$	$\frac{73}{360}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
149361	1873	2250	$\frac{1}{18}$	$\frac{73}{450}$	$\frac{377}{2250}$	$\frac{17}{90}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{750}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
149362	1873	2275	$\frac{1}{13}$	$\frac{53}{455}$	$\frac{402}{2275}$	$\frac{12}{65}$	$\Phi_{2275}\ \Phi_{325}\ \Phi_{175}\ \Phi_{65}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}$
149363	1874	5586	$\frac{6}{931}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{925}{1862}$	$\Phi_{5586}\ \Phi_{798}\ \Phi_{294}\ \Phi_{114}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
149364	1874	3216	$\frac{1}{134}$	$\frac{135}{1072}$	$\frac{1}{3}$	$\frac{133}{268}$	$\Phi_{3216}\ \Phi_{1608}\ \Phi_{402}\ \Phi_{201}\ \Phi_{48}\ \Phi_{24}\ \Phi_{6}$
149365	1874	1848	$\frac{13}{924}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{911}{1848}$	$\Phi_{1848}^2\ \Phi_{616}^2\ \Phi_{264}^2\ \Phi_{168}^2\ \Phi_{88}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{8}^2\ \Phi_{6}$
149366	1874	2856	$\frac{15}{952}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{408}\ \Phi_{357}\ \Phi_{204}\ \Phi_{168}\ \Phi_{102}\ \Phi_{51}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{6}$
149367	1874	5226	$\frac{1}{67}$	$\frac{66}{871}$	$\frac{1}{3}$	$\frac{805}{1742}$	$\Phi_{5226}\ \Phi_{402}\ \Phi_{201}\ \Phi_{78}\ \Phi_{6}$
149368	1874	1608	$\frac{1}{134}$	$\frac{133}{804}$	$\frac{1}{3}$	$\frac{671}{1608}$	$\Phi_{1608}^2\ \Phi_{536}^2\ \Phi_{402}\ \Phi_{201}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{6}$
149369	1874	1206	$\frac{1}{134}$	$\frac{269}{1206}$	$\frac{133}{402}$	$\frac{1}{3}$	$\Phi_{1206}^2\ \Phi_{603}^2\ \Phi_{402}\ \Phi_{201}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{6}$
149370	1874	1386	$\frac{13}{462}$	$\frac{1}{14}$	$\frac{449}{1386}$	$\frac{1}{3}$	$\Phi_{1386}^2\ \Phi_{693}^2\ \Phi_{198}^2\ \Phi_{126}^2\ \Phi_{99}^2\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{6}$
149371	1874	966	$\frac{29}{966}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{42}\ \Phi_{23}^2\ \Phi_{21}\ \Phi_{6}$
149372	1874	3696	$\frac{13}{308}$	$\frac{1}{14}$	$\frac{295}{1232}$	$\frac{1}{3}$	$\Phi_{3696}\ \Phi_{1848}\ \Phi_{528}\ \Phi_{336}\ \Phi_{264}\ \Phi_{168}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{6}$
149373	1874	1008	$\frac{71}{1008}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{6}$
149374	1874	2940	$\frac{43}{980}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{735}\ \Phi_{588}\ \Phi_{420}\ \Phi_{294}\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
149375	1874	3192	$\frac{6}{133}$	$\frac{127}{1064}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{3192}\ \Phi_{1596}\ \Phi_{798}\ \Phi_{456}\ \Phi_{228}\ \Phi_{168}\ \Phi_{114}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
149376	1874	3234	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{141}{1078}$	$\frac{1}{3}$	$\Phi_{3234}\ \Phi_{1617}\ \Phi_{294}\ \Phi_{147}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
149377	1875	1496	$\frac{1}{374}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{373}{748}$	$\Phi_{1496}^2\ \Phi_{748}\ \Phi_{136}^2\ \Phi_{88}^2\ \Phi_{68}\ \Phi_{44}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
149378	1875	1736	$\frac{1}{124}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{123}{248}$	$\Phi_{1736}^2\ \Phi_{248}^3\ \Phi_{56}^2\ \Phi_{28}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
149379	1875	1736	$\frac{1}{124}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{123}{248}$	$\Phi_{1736}^2\ \Phi_{248}^3\ \Phi_{56}^2\ \Phi_{8}^3\ \Phi_{7}^2\ \Phi_{1}^3$
149380	1875	744	$\frac{1}{124}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{123}{248}$	$\Phi_{744}^6\ \Phi_{248}^3\ \Phi_{24}^6\ \Phi_{12}^2\ \Phi_{8}^3\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
149381	1875	1776	$\frac{1}{74}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{73}{148}$	$\Phi_{1776}^2\ \Phi_{592}^2\ \Phi_{148}\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{4}\ \Phi_{1}$
149382	1875	3996	$\frac{1}{74}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{73}{148}$	$\Phi_{3996}\ \Phi_{1332}\ \Phi_{148}\ \Phi_{108}\ \Phi_{36}\ \Phi_{27}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
149383	1875	1332	$\frac{1}{74}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{73}{148}$	$\Phi_{1332}^2\ \Phi_{666}^2\ \Phi_{333}^2\ \Phi_{148}\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{9}^3\ \Phi_{4}\ \Phi_{1}$
149384	1875	1036	$\frac{1}{74}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{73}{148}$	$\Phi_{1036}^2\ \Phi_{518}^2\ \Phi_{259}^2\ \Phi_{148}\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{7}^3\ \Phi_{4}\ \Phi_{1}$
149385	1875	1184	$\frac{1}{74}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{73}{148}$	$\Phi_{1184}^2\ \Phi_{592}^2\ \Phi_{148}\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{4}\ \Phi_{1}$
149386	1875	444	$\frac{1}{74}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{73}{148}$	$\Phi_{444}^8\ \Phi_{148}^9\ \Phi_{12}^8\ \Phi_{6}^4\ \Phi_{4}^9\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
149387	1875	1968	$\frac{2}{123}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{121}{246}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{492}\ \Phi_{328}\ \Phi_{164}\ \Phi_{123}\ \Phi_{48}^2\ \Phi_{41}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
149388	1875	2208	$\frac{7}{368}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{361}{736}$	$\Phi_{2208}^2\ \Phi_{736}\ \Phi_{96}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
149389	1875	336	$\frac{1}{42}$	$\frac{1}{16}$	$\frac{43}{168}$	$\frac{41}{84}$	$\Phi_{336}^6\ \Phi_{168}^5\ \Phi_{112}^6\ \Phi_{84}^6\ \Phi_{56}^5\ \Phi_{48}^6\ \Phi_{42}^5\ \Phi_{28}^6\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{16}^5\ \Phi_{14}^5\ \Phi_{12}^6\ \Phi_{8}^4\ \Phi_{7}^5\ \Phi_{6}^5\ \Phi_{4}^5\ \Phi_{3}^5\ \Phi_{2}^4\ \Phi_{1}^5$
149390	1875	1776	$\frac{1}{37}$	$\frac{1}{24}$	$\frac{12}{37}$	$\frac{23}{48}$	$\Phi_{1776}^2\ \Phi_{592}^2\ \Phi_{48}^3\ \Phi_{37}^2\ \Phi_{16}^3\ \Phi_{1}^3$
149391	1875	624	$\frac{1}{26}$	$\frac{1}{24}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{624}^6\ \Phi_{208}^6\ \Phi_{52}^2\ \Phi_{48}^3\ \Phi_{26}\ \Phi_{16}^3\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
149392	1875	1776	$\frac{1}{24}$	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{23}{48}$	$\Phi_{1776}^2\ \Phi_{592}^2\ \Phi_{48}^3\ \Phi_{37}^2\ \Phi_{16}^3\ \Phi_{1}^3$
149393	1875	48	$\frac{1}{24}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{23}{48}$	$\Phi_{48}^{37}\ \Phi_{24}^{42}\ \Phi_{16}^{36}\ \Phi_{12}^{42}\ \Phi_{8}^{41}\ \Phi_{6}^{41}\ \Phi_{4}^{41}\ \Phi_{3}^{41}\ \Phi_{2}^{40}\ \Phi_{1}^{41}$
149394	1875	1904	$\frac{6}{119}$	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{113}{238}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{272}\ \Phi_{136}\ \Phi_{119}\ \Phi_{112}^2\ \Phi_{68}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{17}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
149395	1875	144	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{19}{144}$	$\frac{17}{36}$	$\Phi_{144}^{13}\ \Phi_{72}^{13}\ \Phi_{48}^{13}\ \Phi_{36}^{14}\ \Phi_{24}^{13}\ \Phi_{18}^{13}\ \Phi_{16}^{12}\ \Phi_{12}^{14}\ \Phi_{9}^{13}\ \Phi_{8}^{12}\ \Phi_{6}^{13}\ \Phi_{4}^{13}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
149396	1875	1872	$\frac{1}{16}$	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{109}{234}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}^2\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}^2\ \Phi_{52}\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
149397	1875	2604	$\frac{1}{62}$	$\frac{1}{14}$	$\frac{61}{186}$	$\frac{13}{28}$	$\Phi_{2604}^2\ \Phi_{372}^2\ \Phi_{186}\ \Phi_{93}\ \Phi_{84}^2\ \Phi_{28}\ \Phi_{12}^2\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
149398	1875	896	$\frac{3}{128}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{896}^{2}\,\Phi_{448}^{2}\,\Phi_{224}^{2}\,\Phi_{128}^{3}\,\Phi_{112}^{2}\,\Phi_{64}^{3}\,\Phi_{56}^{2}\,\Phi_{32}^{3}\,\Phi_{28}\,\Phi_{16}^{3}\,\Phi_{8}^{3}\,\Phi_{4}\,\Phi_{1}$
149399	1875	868	$\frac{1}{31}$	$\frac{1}{14}$	$\frac{6}{31}$	$\frac{13}{28}$	$\Phi_{868}^{4}\,\Phi_{124}^{4}\,\Phi_{31}^{4}\,\Phi_{28}^{5}\,\Phi_{4}^{5}\,\Phi_{1}^{5}$
149400	1875	1092	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{1092}^{4}\,\Phi_{364}^{2}\,\Phi_{156}^{4}\,\Phi_{84}^{2}\,\Phi_{78}^{2}\,\Phi_{52}^{2}\,\Phi_{39}^{2}\,\Phi_{28}\,\Phi_{26}\,\Phi_{13}\,\Phi_{12}^{2}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
149401	1875	112	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{13}{28}$	$\Phi_{112}^{18}\,\Phi_{56}^{18}\,\Phi_{28}^{14}\,\Phi_{16}^{17}\,\Phi_{14}^{13}\,\Phi_{8}^{17}\,\Phi_{7}^{13}\,\Phi_{4}^{13}\,\Phi_{2}^{12}\,\Phi_{1}^{13}$
149402	1875	224	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{99}{224}$	$\Phi_{224}^{15}\,\Phi_{112}^{2}\,\Phi_{56}^{2}\,\Phi_{32}^{15}\,\Phi_{28}^{2}\,\Phi_{16}\,\Phi_{14}\,\Phi_{8}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
149403	1875	384	$\frac{3}{128}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{384}^{6}\,\Phi_{192}^{6}\,\Phi_{128}^{3}\,\Phi_{96}^{6}\,\Phi_{64}^{3}\,\Phi_{48}^{4}\,\Phi_{32}^{3}\,\Phi_{24}^{6}\,\Phi_{16}^{2}\,\Phi_{12}^{6}\,\Phi_{8}^{3}\,\Phi_{6}^{5}\,\Phi_{4}^{3}\,\Phi_{3}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
149404	1875	1974	$\frac{1}{47}$	$\frac{46}{329}$	$\frac{1}{6}$	$\frac{283}{658}$	$\Phi_{1974}\,\Phi_{987}\,\Phi_{329}\,\Phi_{282}^{2}\,\Phi_{141}^{2}\,\Phi_{94}\,\Phi_{47}\,\Phi_{42}\,\Phi_{21}\,\Phi_{7}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
149405	1875	432	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{17}{108}$	$\frac{91}{216}$	$\Phi_{432}^{4}\,\Phi_{216}^{3}\,\Phi_{144}^{6}\,\Phi_{108}^{4}\,\Phi_{72}^{5}\,\Phi_{54}^{4}\,\Phi_{48}^{6}\,\Phi_{36}^{6}\,\Phi_{27}^{4}\,\Phi_{24}^{5}\,\Phi_{18}^{5}\,\Phi_{16}^{5}\,\Phi_{12}^{6}\,\Phi_{9}^{5}\,\Phi_{8}^{4}\,\Phi_{6}^{5}\,\Phi_{4}^{5}\,\Phi_{3}^{5}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
149406	1875	528	$\frac{7}{132}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{528}^{4}\,\Phi_{264}^{4}\,\Phi_{176}^{4}\,\Phi_{132}^{3}\,\Phi_{88}^{4}\,\Phi_{66}^{3}\,\Phi_{48}^{2}\,\Phi_{44}^{3}\,\Phi_{33}^{3}\,\Phi_{24}^{2}\,\Phi_{22}^{3}\,\Phi_{16}\,\Phi_{12}^{2}\,\Phi_{11}^{3}\,\Phi_{8}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
149407	1875	336	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{4}{21}$	$\frac{17}{42}$	$\Phi_{336}^{6}\,\Phi_{168}^{6}\,\Phi_{112}^{6}\,\Phi_{84}^{6}\,\Phi_{56}^{6}\,\Phi_{48}^{6}\,\Phi_{42}\,\Phi_{28}^{6}\,\Phi_{24}^{6}\,\Phi_{21}^{5}\,\Phi_{16}^{5}\,\Phi_{14}\,\Phi_{12}^{6}\,\Phi_{8}^{5}\,\Phi_{7}^{5}\,\Phi_{6}\,\Phi_{4}^{5}\,\Phi_{3}^{5}\,\Phi_{1}^{5}$
149408	1875	1496	$\frac{1}{187}$	$\frac{1}{4}$	$\frac{62}{187}$	$\frac{3}{8}$	$\Phi_{1496}^{2}\,\Phi_{187}^{2}\,\Phi_{136}^{2}\,\Phi_{88}^{2}\,\Phi_{17}^{2}\,\Phi_{11}^{2}\,\Phi_{8}^{3}\,\Phi_{1}^{3}$
149409	1875	504	$\frac{1}{126}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^{6}\,\Phi_{252}^{2}\,\Phi_{168}^{6}\,\Phi_{126}\,\Phi_{84}^{2}\,\Phi_{72}^{6}\,\Phi_{63}\,\Phi_{56}^{6}\,\Phi_{42}\,\Phi_{36}^{2}\,\Phi_{28}^{2}\,\Phi_{24}^{6}\,\Phi_{21}\,\Phi_{18}\,\Phi_{14}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{8}^{3}\,\Phi_{7}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
149410	1875	1496	$\frac{2}{187}$	$\frac{37}{187}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1496}^{2}\,\Phi_{187}^{2}\,\Phi_{136}^{2}\,\Phi_{88}^{2}\,\Phi_{17}^{2}\,\Phi_{11}^{2}\,\Phi_{8}^{3}\,\Phi_{1}^{3}$
149411	1875	456	$\frac{1}{76}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{456}^{8}\,\Phi_{228}^{2}\,\Phi_{152}^{4}\,\Phi_{114}^{2}\,\Phi_{76}\,\Phi_{57}^{2}\,\Phi_{38}\,\Phi_{24}^{6}\,\Phi_{19}\,\Phi_{12}^{2}\,\Phi_{8}^{3}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
149412	1875	616	$\frac{2}{77}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{616}^{5}\,\Phi_{88}^{4}\,\Phi_{77}^{5}\,\Phi_{56}^{5}\,\Phi_{11}^{4}\,\Phi_{8}^{5}\,\Phi_{7}^{5}\,\Phi_{1}^{5}$
149413	1875	136	$\frac{1}{34}$	$\frac{11}{136}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{136}^{13}\,\Phi_{68}^{15}\,\Phi_{34}^{14}\,\Phi_{17}^{14}\,\Phi_{8}^{14}\,\Phi_{4}^{15}\,\Phi_{2}^{14}\,\Phi_{1}^{15}$
149414	1875	1496	$\frac{7}{187}$	$\frac{12}{187}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1496}^{2}\,\Phi_{187}^{2}\,\Phi_{136}^{2}\,\Phi_{88}^{2}\,\Phi_{17}^{2}\,\Phi_{11}^{2}\,\Phi_{8}^{3}\,\Phi_{1}^{3}$
149415	1875	208	$\frac{1}{26}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{208}^{10}\,\Phi_{104}^{8}\,\Phi_{52}^{10}\,\Phi_{26}^{9}\,\Phi_{16}^{5}\,\Phi_{13}^{9}\,\Phi_{8}^{4}\,\Phi_{4}^{5}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
149416	1875	3128	$\frac{16}{391}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3128}\,\Phi_{391}\,\Phi_{184}\,\Phi_{23}\,\Phi_{8}\,\Phi_{1}$
149417	1875	264	$\frac{1}{22}$	$\frac{7}{132}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^{12}\,\Phi_{132}^{3}\,\Phi_{88}^{10}\,\Phi_{66}^{3}\,\Phi_{44}^{3}\,\Phi_{33}^{3}\,\Phi_{24}^{12}\,\Phi_{22}^{2}\,\Phi_{12}^{3}\,\Phi_{11}^{2}\,\Phi_{8}^{11}\,\Phi_{6}^{3}\,\Phi_{4}^{3}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
149418	1875	494	$\frac{1}{26}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{494}^{4}\,\Phi_{247}^{4}\,\Phi_{38}\,\Phi_{26}^{3}\,\Phi_{19}^{3}\,\Phi_{13}^{3}\,\Phi_{1}^{3}$
149419	1875	564	$\frac{1}{94}$	$\frac{1}{6}$	$\frac{31}{94}$	$\frac{63}{188}$	$\Phi_{564}^{6}\,\Phi_{282}^{2}\,\Phi_{188}^{3}\,\Phi_{141}^{2}\,\Phi_{94}\,\Phi_{47}\,\Phi_{12}^{6}\,\Phi_{6}\,\Phi_{4}^{3}\,\Phi_{3}\,\Phi_{1}$
149420	1875	999	$\frac{1}{37}$	$\frac{2}{27}$	$\frac{12}{37}$	$\frac{1}{3}$	$\Phi_{999}^{2}\,\Phi_{333}^{2}\,\Phi_{37}^{2}\,\Phi_{27}^{3}\,\Phi_{9}^{3}\,\Phi_{1}^{3}$
149421	1875	1404	$\frac{1}{26}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1404}^{2}\,\Phi_{702}\,\Phi_{468}^{2}\,\Phi_{351}\,\Phi_{234}\,\Phi_{117}\,\Phi_{108}\,\Phi_{52}^{2}\,\Phi_{36}\,\Phi_{27}\,\Phi_{26}\,\Phi_{13}\,\Phi_{9}\,\Phi_{4}\,\Phi_{1}$
149422	1875	999	$\frac{2}{37}$	$\frac{2}{27}$	$\frac{7}{37}$	$\frac{1}{3}$	$\Phi_{999}^{2}\,\Phi_{333}^{2}\,\Phi_{37}^{2}\,\Phi_{27}^{3}\,\Phi_{9}^{3}\,\Phi_{1}^{3}$
149423	1875	432	$\frac{1}{16}$	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{432}^{5}\,\Phi_{216}^{5}\,\Phi_{144}^{5}\,\Phi_{108}^{5}\,\Phi_{72}^{5}\,\Phi_{54}^{2}\,\Phi_{48}^{2}\,\Phi_{36}^{5}\,\Phi_{27}^{3}\,\Phi_{24}^{2}\,\Phi_{18}^{2}\,\Phi_{16}\,\Phi_{12}^{2}\,\Phi_{9}^{3}\,\Phi_{8}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
149424	1875	1302	$\frac{1}{62}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{61}{186}$	$\Phi_{1302}^{2}\,\Phi_{651}^{2}\,\Phi_{186}^{3}\,\Phi_{93}^{3}\,\Phi_{42}^{2}\,\Phi_{21}^{2}\,\Phi_{7}^{2}\,\Phi_{6}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
149425	1875	372	$\frac{1}{62}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{61}{186}$	$\Phi_{372}^{6}\,\Phi_{186}^{3}\,\Phi_{124}^{8}\,\Phi_{93}^{3}\,\Phi_{62}^{4}\,\Phi_{31}^{4}\,\Phi_{12}^{8}\,\Phi_{6}^{4}\,\Phi_{4}^{9}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
149426	1875	1332	$\frac{1}{37}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{12}{37}$	$\Phi_{1332}^{2}\,\Phi_{666}^{2}\,\Phi_{333}^{2}\,\Phi_{37}^{2}\,\Phi_{36}^{3}\,\Phi_{18}^{3}\,\Phi_{9}^{3}\,\Phi_{1}^{3}$
149427	1875	1036	$\frac{1}{37}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{12}{37}$	$\Phi_{1036}^{2}\,\Phi_{518}^{2}\,\Phi_{259}^{2}\,\Phi_{37}^{2}\,\Phi_{28}^{3}\,\Phi_{14}^{3}\,\Phi_{7}^{3}\,\Phi_{1}^{3}$
149428	1875	1184	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{12}{37}$	$\Phi_{1184}^{2}\,\Phi_{592}^{2}\,\Phi_{37}^{2}\,\Phi_{32}^{3}\,\Phi_{16}^{3}\,\Phi_{1}^{3}$
149429	1875	222	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{12}{37}$	$\Phi_{222}^{8}\,\Phi_{111}^{8}\,\Phi_{74}^{8}\,\Phi_{37}^{10}\,\Phi_{6}^{12}\,\Phi_{3}^{12}\,\Phi_{2}^{12}\,\Phi_{1}^{15}$
149430	1875	937	$\frac{31}{937}$	$\frac{127}{937}$	$\frac{162}{937}$	$\frac{302}{937}$	$\Phi_{937}^{2}\,\Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
149431	1875	1128	$\frac{13}{376}$	$\frac{51}{376}$	$\frac{1}{6}$	$\frac{121}{376}$	$\Phi_{1128}^2\ \Phi_{564}^2\ \Phi_{376}\ \Phi_{282}^2\ \Phi_{188}\ \Phi_{141}^2\ \Phi_{94}\ \Phi_{47}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
149432	1875	552	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{59}{184}$	$\Phi_{552}^4\ \Phi_{276}^4\ \Phi_{184}^2\ \Phi_{138}^4\ \Phi_{92}^2\ \Phi_{69}^4\ \Phi_{46}^2\ \Phi_{24}^6\ \Phi_{23}^2\ \Phi_{12}^6\ \Phi_8^3\ \Phi_6^5\ \Phi_4^3\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
149433	1875	1296	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{37}{162}$	$\frac{17}{54}$	$\Phi_{1296}^2\ \Phi_{648}^2\ \Phi_{324}^2\ \Phi_{162}\ \Phi_{144}^2\ \Phi_{81}\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
149434	1875	468	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{468}^6\ \Phi_{234}^6\ \Phi_{117}^6\ \Phi_{52}^2\ \Phi_{36}^3\ \Phi_{26}\ \Phi_{18}^3\ \Phi_{13}\ \Phi_9^3\ \Phi_4\ \Phi_1$
149435	1875	1332	$\frac{2}{37}$	$\frac{1}{12}$	$\frac{7}{37}$	$\frac{11}{36}$	$\Phi_{1332}^2\ \Phi_{666}^2\ \Phi_{333}^2\ \Phi_{37}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_1^3$
149436	1875	144	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{36}$	$\Phi_{144}^{20}\ \Phi_{72}^{20}\ \Phi_{48}^2\ \Phi_{36}^{15}\ \Phi_{24}^2\ \Phi_{18}^{15}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9^{15}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
149437	1875	896	$\frac{3}{128}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{896}^2\ \Phi_{448}^2\ \Phi_{224}^2\ \Phi_{128}^3\ \Phi_{112}^2\ \Phi_{64}^3\ \Phi_{56}^2\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
149438	1875	217	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{6}{31}$	$\frac{2}{7}$	$\Phi_{217}^8\ \Phi_{31}^{12}\ \Phi_7^{10}\ \Phi_1^{15}$
149439	1875	546	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{546}^4\ \Phi_{273}^4\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{78}^6\ \Phi_{42}^2\ \Phi_{39}^6\ \Phi_{26}^3\ \Phi_{21}^2\ \Phi_{13}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
149440	1875	112	$\frac{1}{16}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{112}^{18}\ \Phi_{56}^{18}\ \Phi_{28}^{13}\ \Phi_{16}^{17}\ \Phi_{14}^{13}\ \Phi_8^{17}\ \Phi_7^{15}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{15}$
149441	1875	937	$\frac{27}{937}$	$\frac{151}{937}$	$\frac{182}{937}$	$\frac{262}{937}$	$\Phi_{937}^2\ \Phi_1^3$
149442	1875	988	$\frac{1}{26}$	$\frac{11}{76}$	$\frac{13}{76}$	$\frac{21}{76}$	$\Phi_{988}^2\ \Phi_{494}^2\ \Phi_{247}^2\ \Phi_{76}\ \Phi_{52}^2\ \Phi_{38}\ \Phi_{26}\ \Phi_{19}\ \Phi_{13}\ \Phi_4\ \Phi_1$
149443	1875	937	$\frac{32}{937}$	$\frac{137}{937}$	$\frac{181}{937}$	$\frac{252}{937}$	$\Phi_{937}^2\ \Phi_1^3$
149444	1875	1128	$\frac{11}{376}$	$\frac{1}{6}$	$\frac{73}{376}$	$\frac{101}{376}$	$\Phi_{1128}^2\ \Phi_{564}^2\ \Phi_{376}\ \Phi_{282}^2\ \Phi_{188}\ \Phi_{141}^2\ \Phi_{94}\ \Phi_{47}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
149445	1875	336	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{168}$	$\Phi_{336}^8\ \Phi_{168}^7\ \Phi_{112}^2\ \Phi_{84}^7\ \Phi_{56}^2\ \Phi_{48}^8\ \Phi_{42}^7\ \Phi_{28}^2\ \Phi_{24}^7\ \Phi_{21}^7\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}^7\ \Phi_8\ \Phi_7\ \Phi_6^7\ \Phi_4\ \Phi_3^7\ \Phi_1$
149446	1875	384	$\frac{3}{128}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{384}^6\ \Phi_{192}^6\ \Phi_{128}^3\ \Phi_{96}^6\ \Phi_{64}^3\ \Phi_{48}^6\ \Phi_{32}^3\ \Phi_{24}^6\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
149447	1875	364	$\frac{1}{26}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{364}^6\ \Phi_{182}^6\ \Phi_{91}^6\ \Phi_{52}^2\ \Phi_{28}^3\ \Phi_{26}\ \Phi_{14}^3\ \Phi_{13}\ \Phi_7^3\ \Phi_4\ \Phi_1$
149448	1875	1488	$\frac{3}{124}$	$\frac{1}{6}$	$\frac{121}{496}$	$\frac{1}{4}$	$\Phi_{1488}^2\ \Phi_{744}^2\ \Phi_{496}\ \Phi_{248}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
149449	1875	416	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{416}^6\ \Phi_{208}^6\ \Phi_{52}^2\ \Phi_{32}^3\ \Phi_{26}\ \Phi_{16}^3\ \Phi_{13}\ \Phi_4\ \Phi_1$
149450	1875	372	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{6}{31}$	$\frac{1}{4}$	$\Phi_{372}^8\ \Phi_{186}^4\ \Phi_{124}^4\ \Phi_{93}^4\ \Phi_{31}^4\ \Phi_{12}^{10}\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_1^5$
149451	1875	1252	$\frac{21}{626}$	$\frac{101}{626}$	$\frac{121}{626}$	$\frac{1}{4}$	$\Phi_{1252}^2\ \Phi_{626}\ \Phi_{313}\ \Phi_4\ \Phi_1$
149452	1875	1036	$\frac{2}{37}$	$\frac{3}{28}$	$\frac{7}{37}$	$\frac{1}{4}$	$\Phi_{1036}^2\ \Phi_{518}^2\ \Phi_{259}^2\ \Phi_{37}^2\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_1^3$
149453	1875	156	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{156}^{16}\ \Phi_{78}^8\ \Phi_{52}^{18}\ \Phi_{39}^8\ \Phi_{26}^9\ \Phi_{13}^9\ \Phi_{12}^8\ \Phi_6^4\ \Phi_4^9\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
149454	1875	336	$\frac{1}{16}$	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{336}^8\ \Phi_{168}^8\ \Phi_{112}^4\ \Phi_{84}^6\ \Phi_{56}^4\ \Phi_{48}^2\ \Phi_{42}^6\ \Phi_{28}^3\ \Phi_{24}^2\ \Phi_{21}^6\ \Phi_{16}\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_8\ \Phi_7^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
149455	1875	1184	$\frac{2}{37}$	$\frac{1}{8}$	$\frac{7}{37}$	$\frac{7}{32}$	$\Phi_{1184}^2\ \Phi_{592}^2\ \Phi_{37}^2\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_1^3$
149456	1875	96	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{32}$	$\Phi_{96}^{30}\ \Phi_{48}^{16}\ \Phi_{32}^{15}\ \Phi_{24}^{18}\ \Phi_{16}^8\ \Phi_{12}^{18}\ \Phi_8^9\ \Phi_6^{17}\ \Phi_4^9\ \Phi_3^{17}\ \Phi_2^8\ \Phi_1^9$
149457	1875	144	$\frac{1}{16}$	$\frac{19}{144}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{144}^{15}\ \Phi_{72}^{15}\ \Phi_{48}^9\ \Phi_{36}^{15}\ \Phi_{24}^{10}\ \Phi_{18}^{15}\ \Phi_{16}^8\ \Phi_{12}^{10}\ \Phi_9^{15}\ \Phi_8^9\ \Phi_6^9\ \Phi_4^9\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
149458	1875	282	$\frac{2}{47}$	$\frac{1}{6}$	$\frac{9}{47}$	$\frac{19}{94}$	$\Phi_{282}^8\ \Phi_{141}^8\ \Phi_{94}^3\ \Phi_{47}^5\ \Phi_6^7\ \Phi_3^7\ \Phi_2^2\ \Phi_1^5$
149459	1875	222	$\frac{2}{37}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{7}{37}$	$\Phi_{222}^8\ \Phi_{111}^8\ \Phi_{74}^8\ \Phi_{37}^{10}\ \Phi_6^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{15}$
149460	1875	937	$\frac{52}{937}$	$\frac{152}{937}$	$\frac{157}{937}$	$\frac{177}{937}$	$\Phi_{937}^2\ \Phi_1^3$
149461	1875	1128	$\frac{21}{376}$	$\frac{61}{376}$	$\frac{1}{6}$	$\frac{71}{376}$	$\Phi_{1128}^2\ \Phi_{564}^2\ \Phi_{376}\ \Phi_{282}^2\ \Phi_{188}\ \Phi_{141}^2\ \Phi_{94}\ \Phi_{47}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
149462	1875	48	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{48}^{42}\ \Phi_{24}^{42}\ \Phi_{16}^{41}\ \Phi_{12}^{42}\ \Phi_8^{41}\ \Phi_6^{21}\ \Phi_4^{41}\ \Phi_3^{21}\ \Phi_2^{20}\ \Phi_1^{21}$
149463	1876	936	$\frac{1}{468}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{467}{936}$	$\Phi_{936}^4\ \Phi_{312}^4\ \Phi_{104}^4\ \Phi_{72}^4\ \Phi_{24}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
149464	1876	750	$\frac{1}{375}$	$\frac{94}{375}$	$\frac{281}{750}$	$\frac{187}{375}$	$\Phi_{750}^4\ \Phi_{375}\ \Phi_{250}^4\ \Phi_{150}^4\ \Phi_{125}\ \Phi_{75}\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
149465	1876	1878	$\frac{1}{313}$	$\frac{157}{626}$	$\frac{1}{3}$	$\frac{156}{313}$	$\Phi_{1878}^2\ \Phi_{939}\ \Phi_6^2$
149466	1876	935	$\frac{3}{935}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{466}{935}$	$\Phi_{935}^2\ \Phi_{187}^2\ \Phi_{85}^2\ \Phi_{55}^2\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_5^3\ \Phi_1^4$
149467	1876	1068	$\frac{1}{267}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{133}{267}$	$\Phi_{1068}^3\ \Phi_{356}^3\ \Phi_{267}\ \Phi_{89}\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
149468	1876	801	$\frac{1}{267}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{133}{267}$	$\Phi_{801}^3\ \Phi_{267}\ \Phi_{89}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
149469	1876	1729	$\frac{1}{133}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{66}{133}$	$\Phi_{1729}\ \Phi_{247}\ \Phi_{133}^2\ \Phi_{91}\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_1^4$
149470	1876	3192	$\frac{1}{133}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{66}{133}$	$\Phi_{3192}\ \Phi_{1596}\ \Phi_{798}\ \Phi_{456}\ \Phi_{228}\ \Phi_{168}\ \Phi_{114}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
149471	1876	125	$\frac{1}{125}$	$\frac{9}{125}$	$\frac{58}{125}$	$\frac{62}{125}$	$\Phi_{125}^{15}\ \Phi_{25}^{15}\ \Phi_5^{15}\ \Phi_1^{16}$
149472	1876	930	$\frac{4}{465}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{461}{930}$	$\Phi_{930}^4\ \Phi_{310}^4\ \Phi_{186}^4\ \Phi_{62}^4\ \Phi_{30}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
149473	1876	930	$\frac{4}{465}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{461}{930}$	$\Phi_{930}^4\ \Phi_{310}^4\ \Phi_{186}^4\ \Phi_{62}^4\ \Phi_{30}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
149474	1876	2820	$\frac{1}{94}$	$\frac{95}{564}$	$\frac{1}{5}$	$\frac{93}{188}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{705}\ \Phi_{470}\ \Phi_{235}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
149475	1876	2152	$\frac{3}{269}$	$\frac{1}{8}$	$\frac{68}{269}$	$\frac{133}{269}$	$\Phi_{2152}\ \Phi_{1076}\ \Phi_{538}$
149476	1876	900	$\frac{1}{75}$	$\frac{19}{450}$	$\frac{431}{900}$	$\frac{37}{75}$	$\Phi_{900}^4\ \Phi_{300}^4\ \Phi_{180}^4\ \Phi_{100}^4\ \Phi_{75}\ \Phi_{60}^4\ \Phi_{36}^4\ \Phi_{25}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
149477	1876	675	$\frac{1}{75}$	$\frac{19}{225}$	$\frac{206}{675}$	$\frac{37}{75}$	$\Phi_{675}^4\ \Phi_{135}^4\ \Phi_{75}\ \Phi_{27}^4\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
149478	1876	75	$\frac{1}{75}$	$\frac{8}{75}$	$\frac{19}{75}$	$\frac{37}{75}$	$\Phi_{75}^{25}\ \Phi_{25}^{25}\ \Phi_{15}^{25}\ \Phi_5^{25}\ \Phi_3^{25}\ \Phi_1^{26}$
149479	1876	600	$\frac{1}{75}$	$\frac{19}{150}$	$\frac{131}{600}$	$\frac{37}{75}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{200}^4\ \Phi_{120}^4\ \Phi_{100}^4\ \Phi_{75}\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{25}\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_8^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
149480	1876	1125	$\frac{1}{75}$	$\frac{187}{1125}$	$\frac{38}{225}$	$\frac{37}{75}$	$\Phi_{1125}^2\ \Phi_{375}^2\ \Phi_{125}^2\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
149481	1876	939	$\frac{13}{939}$	$\frac{68}{939}$	$\frac{1}{3}$	$\frac{463}{939}$	$\Phi_{939}^2\ \Phi_{313}^2\ \Phi_3\ \Phi_1^2$
149482	1876	925	$\frac{13}{925}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{456}{925}$	$\Phi_{925}^2\ \Phi_{185}^2\ \Phi_{37}^2\ \Phi_{25}^3\ \Phi_5^3\ \Phi_1^4$
149483	1876	1188	$\frac{1}{66}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{65}{132}$	$\Phi_{1188}^3\ \Phi_{396}^3\ \Phi_{132}^4\ \Phi_{108}^3\ \Phi_{44}^4\ \Phi_{36}^3\ \Phi_{27}\ \Phi_{12}^4\ \Phi_9\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
149484	1876	660	$\frac{1}{66}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{65}{132}$	$\Phi_{660}^6\ \Phi_{220}^6\ \Phi_{132}^4\ \Phi_{60}^6\ \Phi_{44}^4\ \Phi_{20}^6\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
149485	1876	396	$\frac{1}{66}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{65}{132}$	$\Phi_{396}^9\ \Phi_{132}^{10}\ \Phi_{44}^{10}\ \Phi_{36}^9\ \Phi_{12}^{10}\ \Phi_9^3\ \Phi_4^{10}\ \Phi_3^3\ \Phi_1^4$
149486	1876	1320	$\frac{1}{66}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{65}{132}$	$\Phi_{1320}^2\ \Phi_{660}\ \Phi_{440}^2\ \Phi_{330}^2\ \Phi_{220}\ \Phi_{165}^2\ \Phi_{120}^2\ \Phi_{110}^2\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
149487	1876	1845	$\frac{31}{1845}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{907}{1845}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{369}\ \Phi_{205}\ \Phi_{123}\ \Phi_{45}^2\ \Phi_{41}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
149488	1876	920	$\frac{9}{460}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{451}{920}$	$\Phi_{920}^4\ \Phi_{184}^4\ \Phi_{40}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
149489	1876	90	$\frac{1}{45}$	$\frac{1}{15}$	$\frac{23}{90}$	$\frac{22}{45}$	$\Phi_{90}^{28}\ \Phi_{45}^{14}\ \Phi_{30}^{28}\ \Phi_{18}^{28}\ \Phi_{15}^{13}\ \Phi_{10}^{28}\ \Phi_9^{14}\ \Phi_6^{28}\ \Phi_5^{13}\ \Phi_3^{13}\ \Phi_2^{28}\ \Phi_1^{14}$
149490	1876	500	$\frac{3}{125}$	$\frac{31}{500}$	$\frac{32}{125}$	$\frac{61}{125}$	$\Phi_{500}^4\ \Phi_{250}^4\ \Phi_{125}^3\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{25}^3\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
149491	1876	390	$\frac{2}{65}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{63}{130}$	$\Phi_{390}^{10}\ \Phi_{130}^8\ \Phi_{78}^{10}\ \Phi_{30}^{10}\ \Phi_{26}^8\ \Phi_{15}^4\ \Phi_{10}^8\ \Phi_6^{10}\ \Phi_5^3\ \Phi_3^4\ \Phi_2^8\ \Phi_1^4$
149492	1876	130	$\frac{2}{65}$	$\frac{1}{10}$	$\frac{9}{65}$	$\frac{63}{130}$	$\Phi_{130}^{13}\ \Phi_{65}^{16}\ \Phi_{26}^{13}\ \Phi_{13}^{16}\ \Phi_{10}^{12}\ \Phi_5^{15}\ \Phi_2^{12}\ \Phi_1^{16}$
149493	1876	621	$\frac{2}{69}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{621}^3\ \Phi_{207}^3\ \Phi_{69}^4\ \Phi_{27}\ \Phi_{23}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
149494	1876	297	$\frac{1}{33}$	$\frac{1}{27}$	$\frac{32}{99}$	$\frac{13}{27}$	$\Phi_{297}^6\ \Phi_{99}^7\ \Phi_{33}^6\ \Phi_{27}^7\ \Phi_{11}^6\ \Phi_9^8\ \Phi_3^7\ \Phi_1^8$
149495	1876	2376	$\frac{1}{27}$	$\frac{1}{22}$	$\frac{21}{88}$	$\frac{13}{27}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{216}\ \Phi_{132}\ \Phi_{108}\ \Phi_{88}^2\ \Phi_{72}\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
149496	1876	405	$\frac{1}{27}$	$\frac{1}{15}$	$\frac{14}{81}$	$\frac{13}{27}$	$\Phi_{405}^6\ \Phi_{135}^3\ \Phi_{81}^4\ \Phi_{45}^3\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
149497	1876	216	$\frac{1}{27}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{13}{27}$	$\Phi_{216}^9\ \Phi_{108}^9\ \Phi_{72}^{10}\ \Phi_{54}^6\ \Phi_{36}^{10}\ \Phi_{27}^7\ \Phi_{24}^{10}\ \Phi_{18}^7\ \Phi_{12}^{10}\ \Phi_9^8\ \Phi_8^{10}\ \Phi_6^6\ \Phi_4^{10}\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
149498	1876	2079	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{13}{27}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{231}\ \Phi_{189}\ \Phi_{77}^2\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
149499	1876	900	$\frac{1}{25}$	$\frac{19}{450}$	$\frac{6}{25}$	$\frac{431}{900}$	$\Phi_{900}^4\ \Phi_{300}^4\ \Phi_{180}^4\ \Phi_{100}^4\ \Phi_{60}^4\ \Phi_{36}^4\ \Phi_{25}^3\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
149500	1876	900	$\frac{19}{450}$	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{431}{900}$	$\Phi_{900}^4\ \Phi_{300}^4\ \Phi_{180}^4\ \Phi_{100}^4\ \Phi_{60}^4\ \Phi_{45}^2\ \Phi_{36}^4\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_9^2\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
149501	1876	3712	$\frac{1}{29}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{3712}\ \Phi_{116}\ \Phi_{58}$
149502	1876	255	$\frac{13}{255}$	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{121}{255}$	$\Phi_{255}^7\ \Phi_{85}^7\ \Phi_{51}^7\ \Phi_{17}^7\ \Phi_{15}^{13}\ \Phi_5^{13}\ \Phi_3^{13}\ \Phi_1^{14}$
149503	1876	540	$\frac{7}{135}$	$\frac{1}{15}$	$\frac{71}{540}$	$\frac{64}{135}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^2\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{54}^4\ \Phi_{45}^2\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{27}^2\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
149504	1876	630	$\frac{4}{63}$	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{59}{126}$	$\Phi_{630}^6\ \Phi_{210}^6\ \Phi_{126}^4\ \Phi_{90}^6\ \Phi_{70}^6\ \Phi_{45}^3\ \Phi_{42}^4\ \Phi_{30}^6\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_{14}^4\ \Phi_{10}^6\ \Phi_9^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
149505	1876	1395	$\frac{8}{465}$	$\frac{1}{15}$	$\frac{457}{1395}$	$\frac{7}{15}$	$\Phi_{1395}^2\ \Phi_{279}^2\ \Phi_{45}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
149506	1876	480	$\frac{11}{480}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
149507	1876	75	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{8}{75}$	$\frac{7}{15}$	$\Phi_{75}^{28}\ \Phi_{25}^{28}\ \Phi_{15}^{13}\ \Phi_5^{13}\ \Phi_3^{13}\ \Phi_1^{14}$
149508	1876	1755	$\frac{1}{15}$	$\frac{121}{1755}$	$\frac{14}{135}$	$\frac{817}{1755}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}^2\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_{13}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
149509	1876	125	$\frac{8}{125}$	$\frac{9}{125}$	$\frac{13}{125}$	$\frac{58}{125}$	$\Phi_{125}^{15}\ \Phi_{25}^{15}\ \Phi_5^{15}\ \Phi_1^{16}$
149510	1876	2652	$\frac{1}{68}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{663}\ \Phi_{204}^2\ \Phi_{156}\ \Phi_{102}^2\ \Phi_{78}\ \Phi_{51}^2\ \Phi_{12}^2\ \Phi_6^2$
149511	1876	910	$\frac{3}{70}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{182}^2\ \Phi_{130}^2\ \Phi_{91}\ \Phi_{70}^4\ \Phi_{65}^2\ \Phi_{35}^4\ \Phi_{26}^2\ \Phi_{14}^4\ \Phi_{13}^2\ \Phi_{10}^4\ \Phi_7^2\ \Phi_5^4\ \Phi_2^4\ \Phi_1^4$
149512	1876	988	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{9}{76}$	$\frac{6}{13}$	$\Phi_{988}^2\ \Phi_{494}^2\ \Phi_{247}\ \Phi_{76}^4\ \Phi_{52}^2\ \Phi_{38}^4\ \Phi_{26}^2\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
149513	1876	480	$\frac{11}{480}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
149514	1876	1972	$\frac{1}{68}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{1972}\ \Phi_{986}\ \Phi_{493}\ \Phi_{116}\ \Phi_{58}$
149515	1876	4230	$\frac{1}{47}$	$\frac{46}{423}$	$\frac{1}{5}$	$\frac{377}{846}$	$\Phi_{4230}\ \Phi_{1410}\ \Phi_{470}\ \Phi_{235}\ \Phi_{90}\ \Phi_{30}\ \Phi_{10}$
149516	1876	360	$\frac{1}{15}$	$\frac{5}{72}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^6\ \Phi_{90}^6\ \Phi_{72}^4\ \Phi_{60}^6\ \Phi_{45}^3\ \Phi_{40}^6\ \Phi_{36}^4\ \Phi_{30}^6\ \Phi_{24}^4\ \Phi_{20}^6\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_{10}^6\ \Phi_9^2\ \Phi_8^4\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
149517	1876	120	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{53}{120}$	$\Phi_{120}^{28}\ \Phi_{40}^{28}\ \Phi_{24}^{28}\ \Phi_{15}^{13}\ \Phi_8^{28}\ \Phi_5^{13}\ \Phi_3^{13}\ \Phi_1^{14}$
149518	1876	75	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{3}{25}$	$\frac{11}{25}$	$\Phi_{75}^{28}\ \Phi_{25}^{19}\ \Phi_{15}^{28}\ \Phi_5^{19}\ \Phi_3^{28}\ \Phi_1^{20}$
149519	1876	235	$\frac{4}{235}$	$\frac{33}{235}$	$\frac{1}{5}$	$\frac{101}{235}$	$\Phi_{235}^8\ \Phi_{47}^8\ \Phi_5^7\ \Phi_1^8$
149520	1876	375	$\frac{4}{375}$	$\frac{53}{375}$	$\frac{107}{375}$	$\frac{161}{375}$	$\Phi_{375}^5\ \Phi_{125}^5\ \Phi_{75}^5\ \Phi_{25}^5\ \Phi_{15}^5\ \Phi_5^5\ \Phi_3^5\ \Phi_1^6$
149521	1876	939	$\frac{8}{939}$	$\frac{133}{939}$	$\frac{1}{3}$	$\frac{403}{939}$	$\Phi_{939}^2\ \Phi_{313}^2\ \Phi_3\ \Phi_1^2$
149522	1876	495	$\frac{26}{495}$	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{19}{45}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{45}^2\ \Phi_{33}^4\ \Phi_{15}\ \Phi_{11}^4\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
149523	1876	810	$\frac{7}{135}$	$\frac{1}{15}$	$\frac{64}{405}$	$\frac{341}{810}$	$\Phi_{810}^4\ \Phi_{270}^4\ \Phi_{162}^4\ \Phi_{135}^2\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^2\ \Phi_{30}^4\ \Phi_{27}^2\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_5\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
149524	1876	540	$\frac{1}{135}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{540}^6\ \Phi_{180}^6\ \Phi_{135}^2\ \Phi_{108}^6\ \Phi_{60}^6\ \Phi_{45}^2\ \Phi_{36}^6\ \Phi_{27}^2\ \Phi_{20}^6\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
149525	1876	1068	$\frac{1}{89}$	$\frac{1}{6}$	$\frac{22}{89}$	$\frac{5}{12}$	$\Phi_{1068}^3\ \Phi_{356}^3\ \Phi_{89}^3\ \Phi_{12}^4\ \Phi_4^4\ \Phi_1^4$
149526	1876	1020	$\frac{1}{68}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^3\ \Phi_{255}^2\ \Phi_{170}^3\ \Phi_{85}^3\ \Phi_{60}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
149527	1876	225	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{43}{225}$	$\frac{91}{225}$	$\Phi_{225}^7\ \Phi_{75}^7\ \Phi_{45}^{14}\ \Phi_{25}^7\ \Phi_{15}^{13}\ \Phi_9^{14}\ \Phi_5^{13}\ \Phi_3^{13}\ \Phi_1^{14}$
149528	1876	270	$\frac{1}{135}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{270}^{10}\ \Phi_{135}^4\ \Phi_{90}^{10}\ \Phi_{54}^{10}\ \Phi_{45}^4\ \Phi_{30}^{10}\ \Phi_{27}^4\ \Phi_{18}^{10}\ \Phi_{15}^4\ \Phi_{10}^8\ \Phi_9^4\ \Phi_6^{10}\ \Phi_5^3\ \Phi_3^4\ \Phi_2^8\ \Phi_1^4$
149529	1876	510	$\frac{3}{85}$	$\frac{41}{510}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{170}^4\ \Phi_{102}^4\ \Phi_{85}^2\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{30}^4\ \Phi_{17}^2\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
149530	1876	210	$\frac{3}{70}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{210}^{10}\ \Phi_{105}^{10}\ \Phi_{70}^8\ \Phi_{42}^{10}\ \Phi_{35}^8\ \Phi_{30}^{10}\ \Phi_{21}^{10}\ \Phi_{15}^4\ \Phi_{14}^8\ \Phi_{10}^8\ \Phi_7^8\ \Phi_6^{10}\ \Phi_5^3\ \Phi_3^4\ \Phi_2^8\ \Phi_1^4$
149531	1876	495	$\frac{26}{495}$	$\frac{3}{55}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^4\ \Phi_{55}^2\ \Phi_{45}^4\ \Phi_{33}^4\ \Phi_{15}^4\ \Phi_{11}^2\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
149532	1876	500	$\frac{1}{25}$	$\frac{31}{500}$	$\frac{6}{25}$	$\frac{19}{50}$	$\Phi_{500}^4\ \Phi_{250}^4\ \Phi_{125}^4\ \Phi_{100}^4\ \Phi_{25}^3\ \Phi_{20}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
149533	1876	540	$\frac{1}{27}$	$\frac{1}{15}$	$\frac{13}{54}$	$\frac{41}{108}$	$\Phi_{540}^6\ \Phi_{180}^6\ \Phi_{135}^3\ \Phi_{108}^4\ \Phi_{60}^6\ \Phi_{45}^3\ \Phi_{36}^4\ \Phi_{27}^2\ \Phi_{20}^6\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
149534	1876	3760	$\frac{1}{94}$	$\frac{1}{5}$	$\frac{93}{376}$	$\frac{283}{752}$	$\Phi_{3760}\ \Phi_{470}\ \Phi_{235}\ \Phi_{80}\ \Phi_{10}$
149535	1876	2088	$\frac{1}{29}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{522}\ \Phi_{348}\ \Phi_{261}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}$
149536	1876	750	$\frac{1}{125}$	$\frac{31}{125}$	$\frac{94}{375}$	$\frac{281}{750}$	$\Phi_{750}^4\ \Phi_{250}^4\ \Phi_{150}^4\ \Phi_{125}^3\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^3\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
149537	1876	475	$\frac{6}{475}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{475}^4\ \Phi_{95}^4\ \Phi_{25}^3\ \Phi_{19}^4\ \Phi_5^3\ \Phi_1^4$
149538	1876	2958	$\frac{1}{29}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{2958}\ \Phi_{986}\ \Phi_{493}\ \Phi_{174}\ \Phi_{58}$
149539	1876	1425	$\frac{1}{25}$	$\frac{24}{475}$	$\frac{451}{1425}$	$\frac{487}{1425}$	$\Phi_{1425}\ \Phi_{475}^2\ \Phi_{285}\ \Phi_{95}^2\ \Phi_{75}\ \Phi_{57}\ \Phi_{25}\ \Phi_{19}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
149540	1876	705	$\frac{2}{235}$	$\frac{1}{5}$	$\frac{233}{705}$	$\frac{236}{705}$	$\Phi_{705}^2\ \Phi_{235}^4\ \Phi_{141}^2\ \Phi_{47}^4\ \Phi_{15}^2\ \Phi_5^3\ \Phi_3^2\ \Phi_1^4$
149541	1876	471	$\frac{2}{471}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{471}^4\ \Phi_{157}^4\ \Phi_3\ \Phi_1^2$
149542	1876	702	$\frac{1}{234}$	$\frac{233}{702}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{702}^4\ \Phi_{351}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_3\ \Phi_1^2$
149543	1876	1416	$\frac{3}{472}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{472}^2\ \Phi_{354}\ \Phi_{236}^2\ \Phi_{177}\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
149544	1876	624	$\frac{1}{156}$	$\frac{155}{624}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{624}^4\ \Phi_{312}^4\ \Phi_{208}^4\ \Phi_{104}^4\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
149545	1876	135	$\frac{1}{135}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{135}^{14}\ \Phi_{45}^{14}\ \Phi_{27}^{14}\ \Phi_{15}^{14}\ \Phi_9^{12}\ \Phi_5^{14}\ \Phi_3^{13}\ \Phi_1^{14}$
149546	1876	585	$\frac{1}{117}$	$\frac{116}{585}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{585}^4\ \Phi_{195}^4\ \Phi_{65}^4\ \Phi_{45}^4\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
149547	1876	474	$\frac{5}{474}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{474}^4\ \Phi_{237}^4\ \Phi_{158}^4\ \Phi_{79}^4\ \Phi_3\ \Phi_1^2$
149548	1876	78	$\frac{1}{78}$	$\frac{11}{78}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{78}^{24}\ \Phi_{39}^{24}\ \Phi_{26}^{24}\ \Phi_{13}^{24}\ \Phi_6^{24}\ \Phi_3^{25}\ \Phi_2^{24}\ \Phi_1^{26}$
149549	1876	408	$\frac{1}{68}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{408}^4\ \Phi_{204}^3\ \Phi_{136}^8\ \Phi_{102}^3\ \Phi_{68}^6\ \Phi_{51}^3\ \Phi_{34}^6\ \Phi_{24}^3\ \Phi_{17}^6\ \Phi_{12}^2\ \Phi_8^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
149550	1876	477	$\frac{8}{477}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{477}^4\ \Phi_{159}^4\ \Phi_{53}^4\ \Phi_3\ \Phi_1^2$
149551	1876	1053	$\frac{2}{117}$	$\frac{115}{1053}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1053}^2\ \Phi_{351}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_3\ \Phi_1^2$
149552	1876	1560	$\frac{1}{52}$	$\frac{51}{520}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}^2\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{120}\ \Phi_{104}^2\ \Phi_{65}^2\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
149553	1876	480	$\frac{11}{480}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
149554	1876	1443	$\frac{12}{481}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1443}\ \Phi_{481}^2\ \Phi_{111}\ \Phi_{37}^2\ \Phi_3\ \Phi_1^2$
149555	1876	507	$\frac{1}{39}$	$\frac{38}{507}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{507}^4\ \Phi_{169}^4\ \Phi_3\ \Phi_1^2$
149556	1876	72	$\frac{1}{36}$	$\frac{5}{72}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{72}^{28}\ \Phi_{36}^{24}\ \Phi_{24}^{28}\ \Phi_{18}^{24}\ \Phi_{12}^{24}\ \Phi_9^{24}\ \Phi_8^{28}\ \Phi_6^{24}\ \Phi_4^{24}\ \Phi_3^{25}\ \Phi_2^{24}\ \Phi_1^{26}$
149557	1876	345	$\frac{2}{69}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{345}^6\ \Phi_{115}^6\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
149558	1876	486	$\frac{17}{486}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{486}^4\ \Phi_{243}^4\ \Phi_{162}^4\ \Phi_{81}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_3\ \Phi_1^2$
149559	1876	975	$\frac{37}{975}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{195}^2\ \Phi_{75}^2\ \Phi_{65}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
149560	1876	1482	$\frac{1}{26}$	$\frac{25}{494}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{494}^2\ \Phi_{247}^2\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_3\ \Phi_1^2$
149561	1876	801	$\frac{2}{267}$	$\frac{2}{9}$	$\frac{265}{801}$	$\frac{1}{3}$	$\Phi_{801}^2\ \Phi_{267}^3\ \Phi_{89}^3\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
149562	1876	495	$\frac{1}{33}$	$\frac{1}{15}$	$\frac{32}{99}$	$\frac{1}{3}$	$\Phi_{495}^6\ \Phi_{99}^4\ \Phi_{45}^6\ \Phi_{15}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
149563	1876	801	$\frac{1}{89}$	$\frac{2}{9}$	$\frac{22}{89}$	$\frac{1}{3}$	$\Phi_{801}^3\ \Phi_{89}^3\ \Phi_9^4\ \Phi_1^4$
149564	1876	1320	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{21}{88}$	$\frac{1}{3}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{440}^2\ \Phi_{264}\ \Phi_{220}^2\ \Phi_{132}\ \Phi_{120}^2\ \Phi_{88}^2\ \Phi_{60}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
149565	1876	3060	$\frac{1}{68}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{765}\ \Phi_{340}\ \Phi_{180}\ \Phi_{170}\ \Phi_{90}\ \Phi_{85}\ \Phi_{20}\ \Phi_{10}$
149566	1876	207	$\frac{2}{69}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{207}^9\ \Phi_{69}^{10}\ \Phi_{23}^{10}\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
149567	1876	2760	$\frac{2}{69}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{920}\ \Phi_{690}\ \Phi_{460}\ \Phi_{230}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
149568	1876	165	$\frac{2}{33}$	$\frac{1}{15}$	$\frac{31}{165}$	$\frac{1}{3}$	$\Phi_{165}^{11}\ \Phi_{55}^{11}\ \Phi_{33}^{12}\ \Phi_{15}^{13}\ \Phi_{11}^{12}\ \Phi_5^{13}\ \Phi_3^{13}\ \Phi_1^{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
149569	1876	360	$\frac{1}{15}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{6}\ \Phi_{90}^{6}\ \Phi_{72}^{4}\ \Phi_{60}^{6}\ \Phi_{45}^{6}\ \Phi_{40}^{6}\ \Phi_{36}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{6}\ \Phi_{18}^{4}\ \Phi_{15}^{2}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
149570	1876	840	$\frac{3}{70}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{840}^{4}\ \Phi_{420}^{4}\ \Phi_{210}^{2}\ \Phi_{168}^{3}\ \Phi_{120}^{4}\ \Phi_{105}^{2}\ \Phi_{84}^{3}\ \Phi_{60}^{4}\ \Phi_{42}\ \Phi_{30}^{2}\ \Phi_{24}^{4}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
149571	1876	1155	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{3}$	$\Phi_{1155}^{2}\ \Phi_{385}^{2}\ \Phi_{231}\ \Phi_{105}^{2}\ \Phi_{77}^{2}\ \Phi_{35}^{2}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
149572	1876	456	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{456}^{7}\ \Phi_{228}^{5}\ \Phi_{114}^{5}\ \Phi_{57}^{6}\ \Phi_{24}^{8}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{6}$
149573	1876	2820	$\frac{1}{47}$	$\frac{95}{564}$	$\frac{1}{5}$	$\frac{46}{141}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{940}\ \Phi_{470}\ \Phi_{235}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
149574	1876	99	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{32}{99}$	$\Phi_{99}^{19}\ \Phi_{33}^{18}\ \Phi_{11}^{18}\ \Phi_{9}^{22}\ \Phi_{3}^{21}\ \Phi_{1}^{22}$
149575	1876	3960	$\frac{1}{33}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{32}{99}$	$\Phi_{3960}\ \Phi_{1980}\ \Phi_{990}\ \Phi_{360}\ \Phi_{180}\ \Phi_{90}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
149576	1876	690	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{221}{690}$	$\Phi_{690}^{4}\ \Phi_{345}^{4}\ \Phi_{138}^{4}\ \Phi_{69}^{4}\ \Phi_{30}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
149577	1876	1215	$\frac{7}{135}$	$\frac{1}{15}$	$\frac{277}{1215}$	$\frac{128}{405}$	$\Phi_{1215}^{2}\ \Phi_{243}^{2}\ \Phi_{135}^{2}\ \Phi_{45}^{2}\ \Phi_{27}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
149578	1876	195	$\frac{4}{65}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{61}{195}$	$\Phi_{195}^{9}\ \Phi_{65}^{10}\ \Phi_{39}^{9}\ \Phi_{15}^{13}\ \Phi_{13}^{10}\ \Phi_{5}^{13}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
149579	1876	675	$\frac{1}{25}$	$\frac{19}{225}$	$\frac{6}{25}$	$\frac{206}{675}$	$\Phi_{675}^{4}\ \Phi_{135}^{4}\ \Phi_{27}^{4}\ \Phi_{25}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
149580	1876	675	$\frac{1}{15}$	$\frac{19}{225}$	$\frac{7}{45}$	$\frac{206}{675}$	$\Phi_{675}^{4}\ \Phi_{135}^{4}\ \Phi_{45}^{2}\ \Phi_{27}^{4}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
149581	1876	2784	$\frac{1}{29}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{2784}\ \Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}$
149582	1876	945	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{189}$	$\Phi_{945}^{3}\ \Phi_{189}^{2}\ \Phi_{135}^{3}\ \Phi_{45}^{3}\ \Phi_{27}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
149583	1876	480	$\frac{11}{480}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{4}\ \Phi_{120}^{4}\ \Phi_{96}^{4}\ \Phi_{80}^{4}\ \Phi_{60}^{4}\ \Phi_{48}^{4}\ \Phi_{40}^{4}\ \Phi_{32}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
149584	1876	90	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{23}{90}$	$\Phi_{90}^{28}\ \Phi_{45}^{28}\ \Phi_{18}^{28}\ \Phi_{15}^{13}\ \Phi_{9}^{28}\ \Phi_{5}^{13}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
149585	1876	75	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{6}{25}$	$\frac{19}{75}$	$\Phi_{75}^{24}\ \Phi_{25}^{27}\ \Phi_{15}^{24}\ \Phi_{5}^{27}\ \Phi_{3}^{24}\ \Phi_{1}^{28}$
149586	1876	625	$\frac{9}{625}$	$\frac{154}{625}$	$\frac{156}{625}$	$\frac{157}{625}$	$\Phi_{625}^{3}\ \Phi_{125}^{3}\ \Phi_{25}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
149587	1876	2320	$\frac{1}{29}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2320}\ \Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{145}\ \Phi_{116}\ \Phi_{58}$
149588	1876	620	$\frac{4}{155}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{151}{620}$	$\Phi_{620}^{4}\ \Phi_{310}^{4}\ \Phi_{124}^{4}\ \Phi_{62}^{4}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
149589	1876	600	$\frac{1}{25}$	$\frac{19}{150}$	$\frac{131}{600}$	$\frac{6}{25}$	$\Phi_{600}^{4}\ \Phi_{300}^{4}\ \Phi_{200}^{4}\ \Phi_{120}^{4}\ \Phi_{100}^{4}\ \Phi_{60}^{4}\ \Phi_{40}^{4}\ \Phi_{25}^{3}\ \Phi_{24}^{4}\ \Phi_{20}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
149590	1876	792	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{21}{88}$	$\Phi_{792}^{3}\ \Phi_{396}^{3}\ \Phi_{264}^{3}\ \Phi_{132}^{3}\ \Phi_{88}^{4}\ \Phi_{72}^{3}\ \Phi_{44}^{4}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
149591	1876	440	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{21}{88}$	$\Phi_{440}^{5}\ \Phi_{220}^{5}\ \Phi_{110}^{6}\ \Phi_{55}^{6}\ \Phi_{40}^{6}\ \Phi_{20}^{6}\ \Phi_{10}^{7}\ \Phi_{5}^{6}$
149592	1876	72	$\frac{5}{72}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{2}{9}$	$\Phi_{72}^{28}\ \Phi_{36}^{28}\ \Phi_{24}^{28}\ \Phi_{18}^{19}\ \Phi_{12}^{28}\ \Phi_{9}^{22}\ \Phi_{8}^{28}\ \Phi_{6}^{18}\ \Phi_{4}^{28}\ \Phi_{3}^{21}\ \Phi_{2}^{18}\ \Phi_{1}^{22}$
149593	1876	693	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{10}{77}$	$\frac{2}{9}$	$\Phi_{693}^{3}\ \Phi_{231}^{3}\ \Phi_{77}^{4}\ \Phi_{63}^{3}\ \Phi_{21}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
149594	1876	540	$\frac{1}{15}$	$\frac{71}{540}$	$\frac{7}{45}$	$\frac{19}{90}$	$\Phi_{540}^{4}\ \Phi_{270}^{4}\ \Phi_{180}^{4}\ \Phi_{135}^{4}\ \Phi_{108}^{4}\ \Phi_{60}^{4}\ \Phi_{54}^{4}\ \Phi_{45}^{2}\ \Phi_{36}^{4}\ \Phi_{27}^{4}\ \Phi_{20}^{4}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
149595	1876	360	$\frac{5}{72}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{360}^{7}\ \Phi_{180}^{7}\ \Phi_{120}^{5}\ \Phi_{90}^{7}\ \Phi_{60}^{5}\ \Phi_{45}^{7}\ \Phi_{40}^{6}\ \Phi_{30}^{6}\ \Phi_{20}^{6}\ \Phi_{15}^{6}\ \Phi_{10}^{7}\ \Phi_{5}^{6}$
149596	1876	3080	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{10}{77}$	$\frac{1}{5}$	$\Phi_{3080}\ \Phi_{1540}\ \Phi_{770}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
149597	1876	1125	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{187}{1125}$	$\frac{38}{225}$	$\Phi_{1125}^{2}\ \Phi_{375}^{2}\ \Phi_{125}^{2}\ \Phi_{45}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
149598	1877	3744	$\frac{5}{1872}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1867}{3744}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
149599	1877	3216	$\frac{1}{268}$	$\frac{269}{1608}$	$\frac{1339}{3216}$	$\frac{267}{536}$	$\Phi_{3216}\ \Phi_{1072}\ \Phi_{536}\ \Phi_{48}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
149600	1877	2256	$\frac{3}{376}$	$\frac{379}{2256}$	$\frac{1}{4}$	$\frac{373}{752}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{564}\ \Phi_{376}\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{94}\ \Phi_{48}\ \Phi_{47}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
149601	1877	3720	$\frac{17}{1860}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1843}{3720}$	$\Phi_{3720}\ \Phi_{1240}\ \Phi_{744}\ \Phi_{248}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
149602	1877	3696	$\frac{29}{1848}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{1819}{3696}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
149603	1877	3696	$\frac{29}{1848}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1819}{3696}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{112}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
149604	1877	3680	$\frac{37}{1840}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1803}{3680}$	$\Phi_{3680}\ \Phi_{736}\ \Phi_{160}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
149605	1877	2520	$\frac{13}{630}$	$\frac{1}{14}$	$\frac{643}{2520}$	$\frac{617}{1260}$	Φ_{2520} Φ_{840} Φ_{630} Φ_{504} Φ_{360} Φ_{315} Φ_{280} Φ_{210} Φ_{168} Φ_{126} Φ_{120} Φ_{105} Φ_{90} Φ_{72} Φ_{70} Φ_{63} Φ_{56} Φ_{45} Φ_{42} Φ_{40} Φ_{35} Φ_{30} Φ_{24} Φ_{21} Φ_{18} Φ_{15} Φ_{10} Φ_{9} Φ_{8} Φ_{6} Φ_{5} Φ_{3} Φ_{1}
149606	1877	3640	$\frac{57}{1820}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1763}{3640}$	Φ_{3640} Φ_{728} Φ_{520} Φ_{280} Φ_{104} Φ_{70} Φ_{56} Φ_{40} Φ_{35} Φ_{10} Φ_{8} Φ_{5} Φ_{1}
149607	1877	2268	$\frac{13}{378}$	$\frac{1}{14}$	$\frac{391}{2268}$	$\frac{365}{756}$	Φ_{2268} Φ_{1134} Φ_{567} Φ_{378} Φ_{324} Φ_{189} Φ_{162} Φ_{126} Φ_{81} Φ_{63} Φ_{54} Φ_{42} Φ_{27} Φ_{21} Φ_{18} Φ_{9} Φ_{6} Φ_{3} Φ_{1}
149608	1877	2464	$\frac{1}{28}$	$\frac{29}{616}$	$\frac{587}{2464}$	$\frac{27}{56}$	Φ_{2464} Φ_{1232} Φ_{352} Φ_{224} Φ_{176} Φ_{112} Φ_{56} Φ_{32} Φ_{16} Φ_{8} Φ_{1}
149609	1877	2016	$\frac{1}{28}$	$\frac{139}{2016}$	$\frac{29}{168}$	$\frac{27}{56}$	Φ_{2016} Φ_{1008} Φ_{672} Φ_{504} Φ_{336} Φ_{288} Φ_{252} Φ_{224} Φ_{144} Φ_{126} Φ_{112} Φ_{96} Φ_{72} Φ_{63} Φ_{56} Φ_{48} Φ_{36} Φ_{32} Φ_{18} Φ_{16} Φ_{9} Φ_{8} Φ_{1}
149610	1877	3584	$\frac{1}{28}$	$\frac{85}{1792}$	$\frac{27}{112}$	$\frac{1707}{3584}$	Φ_{3584} Φ_{512} Φ_{112} Φ_{56} Φ_{16} Φ_{8} Φ_{1}
149611	1877	2100	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{223}{2100}$	$\frac{197}{420}$	Φ_{2100} Φ_{1050} Φ_{700} Φ_{525} Φ_{350} Φ_{300} Φ_{210} Φ_{175} Φ_{150} Φ_{105} Φ_{100} Φ_{75} Φ_{70} Φ_{50} Φ_{42} Φ_{35} Φ_{30} Φ_{25} Φ_{21} Φ_{15} Φ_{10} Φ_{6} Φ_{5} Φ_{3} Φ_{1}
149612	1877	3528	$\frac{113}{1764}$	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1651}{3528}$	Φ_{3528} Φ_{1176} Φ_{504} Φ_{392} Φ_{168} Φ_{126} Φ_{72} Φ_{63} Φ_{56} Φ_{42} Φ_{24} Φ_{21} Φ_{18} Φ_{9} Φ_{8} Φ_{6} Φ_{3} Φ_{1}
149613	1877	1920	$\frac{43}{1920}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	Φ_{1920} Φ_{960} Φ_{640} Φ_{480} Φ_{384} Φ_{320} Φ_{240} Φ_{192} Φ_{160} Φ_{128} Φ_{120} Φ_{96} Φ_{64} Φ_{60} Φ_{48} Φ_{40} Φ_{32} Φ_{30} Φ_{24} Φ_{20} Φ_{15} Φ_{12} Φ_{10} Φ_{8} Φ_{6} Φ_{5} Φ_{3} Φ_{1}
149614	1877	2016	$\frac{139}{2016}$	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{113}{252}$	Φ_{2016} Φ_{1008} Φ_{672} Φ_{504} Φ_{336} Φ_{288} Φ_{224} Φ_{168} Φ_{144} Φ_{126} Φ_{112} Φ_{96} Φ_{72} Φ_{63} Φ_{56} Φ_{48} Φ_{42} Φ_{32} Φ_{24} Φ_{21} Φ_{18} Φ_{16} Φ_{9} Φ_{8} Φ_{6} Φ_{3} Φ_{1}
149615	1877	3384	$\frac{3}{188}$	$\frac{185}{1692}$	$\frac{1}{4}$	$\frac{1507}{3384}$	Φ_{3384} Φ_{1128} Φ_{376} Φ_{188} Φ_{94} Φ_{72} Φ_{47} Φ_{24} Φ_{8} Φ_{1}
149616	1877	3360	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{197}{1680}$	$\frac{1483}{3360}$	Φ_{3360} Φ_{1120} Φ_{672} Φ_{480} Φ_{224} Φ_{210} Φ_{160} Φ_{105} Φ_{96} Φ_{70} Φ_{42} Φ_{35} Φ_{32} Φ_{30} Φ_{21} Φ_{15} Φ_{10} Φ_{6} Φ_{5} Φ_{3} Φ_{1}
149617	1877	3216	$\frac{1}{134}$	$\frac{269}{1608}$	$\frac{133}{402}$	$\frac{1339}{3216}$	Φ_{3216} Φ_{1072} Φ_{402} Φ_{201} Φ_{48} Φ_{16} Φ_{6} Φ_{3} Φ_{1}
149618	1877	1960	$\frac{83}{1960}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{57}{140}$	Φ_{1960} Φ_{980} Φ_{490} Φ_{392} Φ_{280} Φ_{245} Φ_{196} Φ_{98} Φ_{70} Φ_{56} Φ_{49} Φ_{40} Φ_{35} Φ_{10} Φ_{8} Φ_{5} Φ_{1}
149619	1877	2680	$\frac{1}{134}$	$\frac{133}{670}$	$\frac{803}{2680}$	$\frac{537}{1340}$	Φ_{2680} Φ_{670} Φ_{536} Φ_{335} Φ_{40} Φ_{10} Φ_{8} Φ_{5} Φ_{1}
149620	1877	2016	$\frac{1}{28}$	$\frac{139}{2016}$	$\frac{27}{112}$	$\frac{85}{224}$	Φ_{2016} Φ_{1008} Φ_{672} Φ_{504} Φ_{336} Φ_{288} Φ_{252} Φ_{168} Φ_{144} Φ_{126} Φ_{112} Φ_{96} Φ_{84} Φ_{72} Φ_{63} Φ_{56} Φ_{48} Φ_{42} Φ_{36} Φ_{24} Φ_{21} Φ_{18} Φ_{16} Φ_{12} Φ_{9} Φ_{8} Φ_{6} Φ_{3} Φ_{1}
149621	1877	3024	$\frac{13}{378}$	$\frac{1}{14}$	$\frac{365}{1512}$	$\frac{1147}{3024}$	Φ_{3024} Φ_{1008} Φ_{432} Φ_{378} Φ_{336} Φ_{189} Φ_{144} Φ_{126} Φ_{112} Φ_{63} Φ_{54} Φ_{48} Φ_{42} Φ_{27} Φ_{21} Φ_{18} Φ_{16} Φ_{9} Φ_{6} Φ_{3} Φ_{1}
149622	1877	3008	$\frac{3}{376}$	$\frac{373}{1504}$	$\frac{1}{4}$	$\frac{1131}{3008}$	Φ_{3008} Φ_{376} Φ_{188} Φ_{94} Φ_{64} Φ_{47} Φ_{8} Φ_{1}
149623	1877	2808	$\frac{5}{936}$	$\frac{1}{4}$	$\frac{931}{2808}$	$\frac{3}{8}$	Φ_{2808} Φ_{1404} Φ_{702} Φ_{351} Φ_{216} Φ_{108} Φ_{54} Φ_{27} Φ_{8} Φ_{1}
149624	1877	1888	$\frac{11}{1888}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	Φ_{1888} Φ_{944} Φ_{472} Φ_{236} Φ_{118} Φ_{59} Φ_{32} Φ_{8} Φ_{1}
149625	1877	2496	$\frac{5}{624}$	$\frac{619}{2496}$	$\frac{1}{4}$	$\frac{3}{8}$	Φ_{2496} Φ_{1248} Φ_{832} Φ_{416} Φ_{192} Φ_{96} Φ_{64} Φ_{32} Φ_{8} Φ_{1}
149626	1877	1896	$\frac{19}{1896}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	Φ_{1896} Φ_{948} Φ_{632} Φ_{474} Φ_{316} Φ_{237} Φ_{158} Φ_{79} Φ_{8} Φ_{1}
149627	1877	2184	$\frac{5}{312}$	$\frac{307}{2184}$	$\frac{1}{4}$	$\frac{3}{8}$	Φ_{2184} Φ_{1092} Φ_{728} Φ_{546} Φ_{364} Φ_{273} Φ_{182} Φ_{168} Φ_{91} Φ_{84} Φ_{56} Φ_{42} Φ_{28} Φ_{21} Φ_{14} Φ_{8} Φ_{7} Φ_{1}
149628	1877	1920	$\frac{43}{1920}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	Φ_{1920} Φ_{960} Φ_{640} Φ_{480} Φ_{384} Φ_{320} Φ_{240} Φ_{192} Φ_{160} Φ_{128} Φ_{120} Φ_{96} Φ_{80} Φ_{64} Φ_{60} Φ_{40} Φ_{32} Φ_{30} Φ_{20} Φ_{15} Φ_{10} Φ_{8} Φ_{5} Φ_{1}
149629	1877	2080	$\frac{5}{208}$	$\frac{203}{2080}$	$\frac{1}{4}$	$\frac{3}{8}$	Φ_{2080} Φ_{1040} Φ_{520} Φ_{416} Φ_{260} Φ_{160} Φ_{130} Φ_{80} Φ_{65} Φ_{40} Φ_{32} Φ_{20} Φ_{10} Φ_{8} Φ_{5} Φ_{1}
149630	1877	1944	$\frac{67}{1944}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	Φ_{1944} Φ_{972} Φ_{648} Φ_{486} Φ_{324} Φ_{243} Φ_{216} Φ_{162} Φ_{108} Φ_{81} Φ_{54} Φ_{27} Φ_{8} Φ_{1}
149631	1877	2016	$\frac{5}{144}$	$\frac{139}{2016}$	$\frac{1}{4}$	$\frac{3}{8}$	Φ_{2016} Φ_{1008} Φ_{672} Φ_{504} Φ_{336} Φ_{288} Φ_{252} Φ_{224} Φ_{168} Φ_{126} Φ_{112} Φ_{96} Φ_{84} Φ_{63} Φ_{56} Φ_{42} Φ_{32} Φ_{28} Φ_{21} Φ_{14} Φ_{8} Φ_{7} Φ_{1}
149632	1877	1976	$\frac{5}{104}$	$\frac{99}{1976}$	$\frac{1}{4}$	$\frac{3}{8}$	Φ_{1976} Φ_{988} Φ_{494} Φ_{247} Φ_{152} Φ_{76} Φ_{38} Φ_{19} Φ_{8} Φ_{1}
149633	1877	1932	$\frac{55}{1932}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	Φ_{1932} Φ_{966} Φ_{644} Φ_{483} Φ_{322} Φ_{276} Φ_{161} Φ_{138} Φ_{92} Φ_{69} Φ_{46} Φ_{42} Φ_{23} Φ_{21} Φ_{6} Φ_{3} Φ_{1}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
149634	1877	2856	$\frac{1}{28}$	$\frac{27}{476}$	$\frac{449}{1428}$	$\frac{979}{2856}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{476}\ \Phi_{408}\ \Phi_{238}\ \Phi_{168}\ \Phi_{136}\ \Phi_{119}\ \Phi_{68}\ \Phi_{56}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
149635	1877	2412	$\frac{1}{134}$	$\frac{535}{2412}$	$\frac{133}{402}$	$\frac{269}{804}$	$\Phi_{2412}\ \Phi_{1206}\ \Phi_{603}\ \Phi_{402}\ \Phi_{201}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
149636	1877	2256	$\frac{3}{188}$	$\frac{379}{2256}$	$\frac{1}{4}$	$\frac{185}{564}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{752}\ \Phi_{376}\ \Phi_{188}\ \Phi_{94}\ \Phi_{48}\ \Phi_{47}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
149637	1877	2772	$\frac{29}{924}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{895}{2772}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
149638	1877	2760	$\frac{37}{920}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{883}{2760}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{120}\ \Phi_{69}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
149639	1877	2730	$\frac{57}{910}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{853}{2730}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{273}\ \Phi_{210}\ \Phi_{195}\ \Phi_{105}\ \Phi_{78}\ \Phi_{70}\ \Phi_{42}\ \Phi_{39}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
149640	1877	2310	$\frac{29}{462}$	$\frac{1}{14}$	$\frac{433}{2310}$	$\frac{13}{42}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{110}\ \Phi_{105}\ \Phi_{70}\ \Phi_{55}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
149641	1877	2016	$\frac{139}{2016}$	$\frac{1}{14}$	$\frac{29}{168}$	$\frac{13}{42}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
149642	1877	2688	$\frac{1}{28}$	$\frac{85}{896}$	$\frac{27}{112}$	$\frac{811}{2688}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
149643	1877	2646	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{113}{882}$	$\frac{769}{2646}$	$\Phi_{2646}\ \Phi_{1323}\ \Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
149644	1877	1920	$\frac{43}{1920}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
149645	1877	2520	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{197}{840}$	$\frac{643}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{72}\ \Phi_{70}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
149646	1877	2480	$\frac{17}{620}$	$\frac{3}{20}$	$\frac{603}{2480}$	$\frac{1}{4}$	$\Phi_{2480}\ \Phi_{1240}\ \Phi_{496}\ \Phi_{248}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
149647	1877	2240	$\frac{1}{28}$	$\frac{363}{2240}$	$\frac{85}{448}$	$\frac{27}{112}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{320}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
149648	1878	3120	$\frac{1}{312}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{311}{624}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}^2\ \Phi_{240}\ \Phi_{208}^2\ \Phi_{80}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{5}\ \Phi_{1}^2$
149649	1878	624	$\frac{1}{312}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{311}{624}$	$\Phi_{624}^6\ \Phi_{208}^6\ \Phi_{48}^6\ \Phi_{16}^6\ \Phi_{12}\ \Phi_{6}$
149650	1878	5610	$\frac{4}{935}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{931}{1870}$	$\Phi_{5610}\ \Phi_{1122}\ \Phi_{510}\ \Phi_{330}\ \Phi_{102}\ \Phi_{66}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
149651	1878	836	$\frac{1}{209}$	$\frac{1}{4}$	$\frac{105}{418}$	$\frac{104}{209}$	$\Phi_{836}^3\ \Phi_{418}\ \Phi_{209}^2\ \Phi_{76}^3\ \Phi_{44}^3\ \Phi_{38}\ \Phi_{22}\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_{4}^2\ \Phi_{1}^2$
149652	1878	1128	$\frac{1}{188}$	$\frac{63}{376}$	$\frac{1}{3}$	$\frac{187}{376}$	$\Phi_{1128}^2\ \Phi_{564}^3\ \Phi_{282}^3\ \Phi_{141}^3\ \Phi_{24}^2\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{3}^2$
149653	1878	1860	$\frac{3}{310}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{307}{620}$	$\Phi_{1860}^3\ \Phi_{372}^3\ \Phi_{60}^3\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^3\ \Phi_{6}$
149654	1878	616	$\frac{5}{308}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{303}{616}$	$\Phi_{616}^6\ \Phi_{88}^6\ \Phi_{56}^6\ \Phi_{44}\ \Phi_{22}\ \Phi_{8}^6$
149655	1878	684	$\frac{1}{57}$	$\frac{29}{342}$	$\frac{1}{4}$	$\frac{28}{57}$	$\Phi_{684}^4\ \Phi_{342}^2\ \Phi_{228}^3\ \Phi_{171}^2\ \Phi_{114}\ \Phi_{76}^3\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{36}^4\ \Phi_{19}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{9}^2\ \Phi_{6}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
149656	1878	5520	$\frac{19}{920}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{901}{1840}$	$\Phi_{5520}\ \Phi_{1104}\ \Phi_{240}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
149657	1878	608	$\frac{9}{304}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{295}{608}$	$\Phi_{608}^6\ \Phi_{76}\ \Phi_{38}\ \Phi_{32}^6$
149658	1878	660	$\frac{1}{33}$	$\frac{17}{330}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{660}^4\ \Phi_{330}^2\ \Phi_{220}^4\ \Phi_{165}^2\ \Phi_{132}^3\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{60}^4\ \Phi_{55}^2\ \Phi_{44}^3\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_{6}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
149659	1878	960	$\frac{7}{320}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{960}^3\ \Phi_{480}^3\ \Phi_{240}^3\ \Phi_{192}^3\ \Phi_{120}^2\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{3}^2$
149660	1878	5358	$\frac{1}{47}$	$\frac{46}{893}$	$\frac{1}{3}$	$\frac{847}{1786}$	$\Phi_{5358}\ \Phi_{282}\ \Phi_{141}\ \Phi_{114}\ \Phi_{6}$
149661	1878	1292	$\frac{10}{323}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{1292}^2\ \Phi_{646}^2\ \Phi_{76}\ \Phi_{68}^2\ \Phi_{38}\ \Phi_{34}^2$
149662	1878	1188	$\frac{1}{33}$	$\frac{16}{297}$	$\frac{1}{4}$	$\frac{281}{594}$	$\Phi_{1188}^2\ \Phi_{396}^2\ \Phi_{297}^2\ \Phi_{132}^3\ \Phi_{108}^2\ \Phi_{99}^2\ \Phi_{66}\ \Phi_{44}^3\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{22}\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{6}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
149663	1878	1276	$\frac{6}{319}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{1276}^2\ \Phi_{638}^2\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{44}\ \Phi_{22}$
149664	1878	1140	$\frac{1}{57}$	$\frac{28}{285}$	$\frac{1}{4}$	$\frac{257}{570}$	$\Phi_{1140}^2\ \Phi_{380}^2\ \Phi_{285}^2\ \Phi_{228}^3\ \Phi_{114}\ \Phi_{95}^2\ \Phi_{76}^3\ \Phi_{60}^2\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{20}^2\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{6}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
149665	1878	564	$\frac{1}{94}$	$\frac{31}{282}$	$\frac{1}{3}$	$\frac{251}{564}$	$\Phi_{564}^6\ \Phi_{282}\ \Phi_{188}^6\ \Phi_{141}\ \Phi_{12}^6\ \Phi_6\ \Phi_4^6$
149666	1878	315	$\frac{2}{315}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{315}^6\ \Phi_{105}^6\ \Phi_{63}^6\ \Phi_{45}^6\ \Phi_{35}^6\ \Phi_{21}^6\ \Phi_{15}^5\ \Phi_9^6\ \Phi_7^6\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
149667	1878	2340	$\frac{1}{156}$	$\frac{1}{5}$	$\frac{155}{468}$	$\frac{2}{5}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}^2\ \Phi_{234}^2\ \Phi_{180}\ \Phi_{117}^2\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
149668	1878	1580	$\frac{3}{316}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1580}\ \Phi_{790}\ \Phi_{395}\ \Phi_{316}^2\ \Phi_{158}^2\ \Phi_{79}^2\ \Phi_5\ \Phi_1^2$
149669	1878	2080	$\frac{1}{104}$	$\frac{1}{5}$	$\frac{103}{416}$	$\frac{2}{5}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{416}^2\ \Phi_{208}^2\ \Phi_{160}\ \Phi_{80}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
149670	1878	390	$\frac{1}{78}$	$\frac{77}{390}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{390}^5\ \Phi_{195}^5\ \Phi_{130}^5\ \Phi_{78}^4\ \Phi_{65}^5\ \Phi_{39}^4\ \Phi_{30}^5\ \Phi_{26}^4\ \Phi_{15}^5\ \Phi_{13}^4\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^6\ \Phi_3^4\ \Phi_2^4\ \Phi_1^6$
149671	1878	1590	$\frac{5}{318}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{530}\ \Phi_{318}^2\ \Phi_{265}\ \Phi_{159}^2\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_5\ \Phi_1^2$
149672	1878	1820	$\frac{1}{52}$	$\frac{51}{364}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{140}\ \Phi_{91}^2\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
149673	1878	320	$\frac{7}{320}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{320}^6\ \Phi_{160}^6\ \Phi_{80}^6\ \Phi_{64}^6\ \Phi_{40}^5\ \Phi_{32}^6\ \Phi_{20}^5\ \Phi_{16}^6\ \Phi_{10}^5\ \Phi_8^4\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
149674	1878	1755	$\frac{1}{39}$	$\frac{38}{351}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}^2\ \Phi_{135}\ \Phi_{117}^2\ \Phi_{45}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
149675	1878	1620	$\frac{11}{324}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}^2\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}^2\ \Phi_{135}\ \Phi_{108}^2\ \Phi_{90}\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
149676	1878	325	$\frac{12}{325}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{325}^6\ \Phi_{65}^5\ \Phi_{25}^6\ \Phi_{13}^4\ \Phi_5^6\ \Phi_1^6$
149677	1878	1690	$\frac{1}{26}$	$\frac{25}{338}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1690}\ \Phi_{845}\ \Phi_{338}^2\ \Phi_{169}^2\ \Phi_5\ \Phi_1^2$
149678	1878	1680	$\frac{1}{24}$	$\frac{23}{336}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}^2\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{112}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
149679	1878	4512	$\frac{1}{188}$	$\frac{187}{752}$	$\frac{1}{3}$	$\frac{565}{1504}$	$\Phi_{4512}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{96}\ \Phi_{12}\ \Phi_6$
149680	1878	2832	$\frac{5}{944}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2832}\ \Phi_{1416}\ \Phi_{708}\ \Phi_{354}\ \Phi_{177}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
149681	1878	1410	$\frac{1}{235}$	$\frac{78}{235}$	$\frac{1}{3}$	$\frac{157}{470}$	$\Phi_{1410}^3\ \Phi_{705}\ \Phi_{282}^3\ \Phi_{141}\ \Phi_{30}^3\ \Phi_{15}\ \Phi_6^3$
149682	1878	1260	$\frac{2}{315}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
149683	1878	468	$\frac{1}{156}$	$\frac{1}{4}$	$\frac{155}{468}$	$\frac{1}{3}$	$\Phi_{468}^6\ \Phi_{234}^6\ \Phi_{117}^6\ \Phi_{36}^6\ \Phi_{18}^6\ \Phi_{12}\ \Phi_9^6\ \Phi_6$
149684	1878	1128	$\frac{1}{94}$	$\frac{63}{376}$	$\frac{31}{94}$	$\frac{1}{3}$	$\Phi_{1128}^3\ \Phi_{564}^3\ \Phi_{282}\ \Phi_{141}\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6$
149685	1878	1380	$\frac{19}{460}$	$\frac{1}{20}$	$\frac{147}{460}$	$\frac{1}{3}$	$\Phi_{1380}^2\ \Phi_{690}^2\ \Phi_{345}^2\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
149686	1878	960	$\frac{7}{320}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{960}^3\ \Phi_{480}^3\ \Phi_{240}^3\ \Phi_{192}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{15}\ \Phi_{12}^3\ \Phi_6$
149687	1878	948	$\frac{3}{316}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{948}^3\ \Phi_{474}^3\ \Phi_{237}^3\ \Phi_{12}\ \Phi_6$
149688	1878	1248	$\frac{1}{104}$	$\frac{103}{416}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1248}^3\ \Phi_{624}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{12}\ \Phi_6$
149689	1878	780	$\frac{1}{78}$	$\frac{77}{390}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^4\ \Phi_{390}^2\ \Phi_{260}^4\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{60}^4\ \Phi_{30}^2\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
149690	1878	636	$\frac{5}{318}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{636}^4\ \Phi_{318}^2\ \Phi_{212}^4\ \Phi_{159}^2\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{12}\ \Phi_6$
149691	1878	1092	$\frac{1}{52}$	$\frac{51}{364}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}^3\ \Phi_{546}^3\ \Phi_{273}^3\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{12}\ \Phi_6$
149692	1878	960	$\frac{7}{320}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{960}^3\ \Phi_{480}^3\ \Phi_{240}^3\ \Phi_{192}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
149693	1878	1404	$\frac{1}{39}$	$\frac{38}{351}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1404}^2\ \Phi_{702}^2\ \Phi_{468}^2\ \Phi_{234}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
149694	1878	3120	$\frac{3}{104}$	$\frac{101}{1040}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{624}\ \Phi_{390}\ \Phi_{240}\ \Phi_{195}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
149695	1878	324	$\frac{11}{324}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{324}^6\ \Phi_{162}^6\ \Phi_{108}^6\ \Phi_{81}^6\ \Phi_{54}^6\ \Phi_{36}^6\ \Phi_{27}^6\ \Phi_{18}^6\ \Phi_{12}\ \Phi_9^6\ \Phi_6$
149696	1878	3900	$\frac{12}{325}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3900}\ \Phi_{1950}\ \Phi_{780}\ \Phi_{390}\ \Phi_{300}\ \Phi_{150}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}\ \Phi_6$
149697	1878	2028	$\frac{1}{26}$	$\frac{25}{338}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2028}^2\ \Phi_{1014}\ \Phi_{507}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
149698	1878	336	$\frac{1}{24}$	$\frac{23}{336}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{84}^6\ \Phi_{56}^6\ \Phi_{48}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_{12}\ \Phi_7^6\ \Phi_6$
149699	1878	2964	$\frac{49}{988}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2964}\ \Phi_{1482}\ \Phi_{741}\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{12}\ \Phi_6$
149700	1878	2652	$\frac{2}{39}$	$\frac{37}{663}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{884}\ \Phi_{442}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{34}\ \Phi_{12}\ \Phi_6$
149701	1878	3720	$\frac{9}{310}$	$\frac{1}{10}$	$\frac{301}{1240}$	$\frac{1}{3}$	$\Phi_{3720}\ \Phi_{1860}\ \Phi_{744}\ \Phi_{372}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
149702	1878	1020	$\frac{4}{85}$	$\frac{27}{340}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1020}^3\ \Phi_{510}^3\ \Phi_{255}^2\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{60}^3\ \Phi_{51}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
149703	1878	330	$\frac{17}{330}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{330}^6\ \Phi_{165}^5\ \Phi_{110}^6\ \Phi_{66}^6\ \Phi_{55}^6\ \Phi_{33}^5\ \Phi_{30}^6\ \Phi_{22}^6\ \Phi_{15}^6\ \Phi_{11}^6\ \Phi_{10}^6\ \Phi_6^6\ \Phi_5^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
149704	1878	2772	$\frac{1}{33}$	$\frac{67}{693}$	$\frac{1}{4}$	$\frac{32}{99}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{252}\ \Phi_{154}\ \Phi_{132}\ \Phi_{126}\ \Phi_{84}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
149705	1878	924	$\frac{5}{154}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{149}{462}$	$\Phi_{924}^4\ \Phi_{462}^2\ \Phi_{231}^2\ \Phi_{132}^4\ \Phi_{84}^4\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{21}^2\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
149706	1878	456	$\frac{1}{19}$	$\frac{9}{152}$	$\frac{1}{4}$	$\frac{143}{456}$	$\Phi_{456}^6\ \Phi_{228}^6\ \Phi_{114}^6\ \Phi_{76}\ \Phi_{57}^6\ \Phi_{38}\ \Phi_{24}^6\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^6$
149707	1878	3564	$\frac{1}{33}$	$\frac{32}{297}$	$\frac{1}{4}$	$\frac{265}{891}$	$\Phi_{3564}\ \Phi_{1782}\ \Phi_{324}\ \Phi_{162}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
149708	1878	3420	$\frac{1}{57}$	$\frac{56}{285}$	$\frac{1}{4}$	$\frac{229}{855}$	$\Phi_{3420}\ \Phi_{1710}\ \Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{180}\ \Phi_{114}\ \Phi_{90}\ \Phi_{76}\ \Phi_{38}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
149709	1878	684	$\frac{1}{19}$	$\frac{29}{342}$	$\frac{9}{38}$	$\frac{1}{4}$	$\Phi_{684}^4\ \Phi_{342}^2\ \Phi_{228}^4\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{76}\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{36}^4\ \Phi_{18}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2$
149710	1878	660	$\frac{17}{330}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{660}^4\ \Phi_{330}^2\ \Phi_{220}^4\ \Phi_{165}^2\ \Phi_{132}^4\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^4\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2$
149711	1878	396	$\frac{1}{33}$	$\frac{16}{99}$	$\frac{83}{396}$	$\frac{1}{4}$	$\Phi_{396}^4\ \Phi_{198}^4\ \Phi_{132}^5\ \Phi_{99}^6\ \Phi_{66}^5\ \Phi_{44}^5\ \Phi_{36}^4\ \Phi_{33}^6\ \Phi_{22}^5\ \Phi_{18}^4\ \Phi_{12}^5\ \Phi_{11}^6\ \Phi_9^6\ \Phi_6^5\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
149712	1878	1540	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{72}{385}$	$\frac{1}{4}$	$\Phi_{1540}^2\ \Phi_{770}^2\ \Phi_{220}^2\ \Phi_{140}^2\ \Phi_{110}^2\ \Phi_{70}^2\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{10}^2$
149713	1878	380	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{67}{380}$	$\frac{1}{4}$	$\Phi_{380}^6\ \Phi_{190}^6\ \Phi_{95}^6\ \Phi_{76}\ \Phi_{38}\ \Phi_{20}^6\ \Phi_{10}^6\ \Phi_5^6$
149714	1878	2772	$\frac{1}{11}$	$\frac{67}{693}$	$\frac{10}{77}$	$\frac{1}{4}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{462}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{132}\ \Phi_{126}\ \Phi_{84}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
149715	1878	352	$\frac{1}{11}$	$\frac{39}{352}$	$\frac{5}{44}$	$\frac{1}{4}$	$\Phi_{352}^6\ \Phi_{176}^6\ \Phi_{88}^6\ \Phi_{44}\ \Phi_{32}^6\ \Phi_{22}\ \Phi_{16}^6\ \Phi_8^6$
149716	1879	2508	$\frac{2}{627}$	$\frac{629}{2508}$	$\frac{1}{3}$	$\frac{625}{1254}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{627}\ \Phi_{228}\ \Phi_{209}\ \Phi_{132}\ \Phi_{76}\ \Phi_{57}\ \Phi_{44}\ \Phi_{33}\ \Phi_{19}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
149717	1879	3744	$\frac{7}{1872}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1865}{3744}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$
149718	1879	3744	$\frac{7}{1872}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1865}{3744}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_9\ \Phi_1$
149719	1879	2052	$\frac{2}{171}$	$\frac{173}{2052}$	$\frac{1}{3}$	$\frac{169}{342}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{513}\ \Phi_{228}\ \Phi_{171}\ \Phi_{108}\ \Phi_{76}\ \Phi_{57}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{19}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
149720	1879	3696	$\frac{31}{1848}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1817}{3696}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{112}\ \Phi_{48}\ \Phi_{33}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
149721	1879	1980	$\frac{2}{99}$	$\frac{101}{1980}$	$\frac{1}{3}$	$\frac{97}{198}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
149722	1879	3648	$\frac{55}{1824}$	$\frac{2}{57}$	$\frac{1}{3}$	$\frac{1769}{3648}$	$\Phi_{3648}\ \Phi_{1216}\ \Phi_{192}\ \Phi_{64}\ \Phi_{57}\ \Phi_{19}\ \Phi_1$
149723	1879	1938	$\frac{59}{1938}$	$\frac{2}{57}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{1938}\ \Phi_{969}\ \Phi_{646}\ \Phi_{323}\ \Phi_{102}\ \Phi_{57}\ \Phi_{51}\ \Phi_{34}\ \Phi_{19}\ \Phi_{17}\ \Phi_1$
149724	1879	3564	$\frac{2}{99}$	$\frac{97}{1782}$	$\frac{1}{3}$	$\frac{1685}{3564}$	$\Phi_{3564}\ \Phi_{1188}\ \Phi_{396}\ \Phi_{324}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_1$
149725	1879	1914	$\frac{35}{1914}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{1914}\ \Phi_{957}\ \Phi_{638}\ \Phi_{319}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}\ \Phi_{33}\ \Phi_{29}\ \Phi_{11}\ \Phi_1$
149726	1879	3420	$\frac{2}{171}$	$\frac{169}{1710}$	$\frac{1}{3}$	$\frac{1541}{3420}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{228}\ \Phi_{180}\ \Phi_{171}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{36}\ \Phi_{20}\ \Phi_{19}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
149727	1879	2808	$\frac{7}{936}$	$\frac{1}{6}$	$\frac{929}{2808}$	$\frac{5}{12}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
149728	1879	1896	$\frac{17}{1896}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1896}\ \Phi_{948}\ \Phi_{632}\ \Phi_{474}\ \Phi_{316}\ \Phi_{237}\ \Phi_{158}\ \Phi_{79}\ \Phi_{12}\ \Phi_4\ \Phi_1$
149729	1879	2496	$\frac{7}{624}$	$\frac{1}{6}$	$\frac{617}{2496}$	$\frac{5}{12}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{832}\ \Phi_{416}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
149730	1879	2340	$\frac{7}{468}$	$\frac{1}{6}$	$\frac{461}{2340}$	$\frac{5}{12}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{130}\ \Phi_{90}\ \Phi_{65}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
149731	1879	1908	$\frac{29}{1908}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{636}\ \Phi_{477}\ \Phi_{318}\ \Phi_{212}\ \Phi_{159}\ \Phi_{106}\ \Phi_{53}\ \Phi_{12}\ \Phi_4\ \Phi_1$
149732	1879	1920	$\frac{41}{1920}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
149733	1879	2184	$\frac{7}{312}$	$\frac{305}{2184}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{168}\ \Phi_{91}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
149734	1879	1944	$\frac{65}{1944}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
149735	1879	2028	$\frac{7}{156}$	$\frac{149}{2028}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{676}\ \Phi_{507}\ \Phi_{338}\ \Phi_{169}\ \Phi_{12}\ \Phi_4\ \Phi_1$
149736	1879	2016	$\frac{7}{144}$	$\frac{137}{2016}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
149737	1879	1890	$\frac{11}{1890}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{63}\ \Phi_{54}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_1$
149738	1879	2808	$\frac{7}{936}$	$\frac{2}{9}$	$\frac{929}{2808}$	$\frac{1}{3}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
149739	1879	2079	$\frac{2}{99}$	$\frac{200}{2079}$	$\frac{97}{297}$	$\frac{1}{3}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{231}\ \Phi_{189}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}\ \Phi_9\ \Phi_7\ \Phi_1$
149740	1879	2772	$\frac{31}{924}$	$\frac{2}{33}$	$\frac{893}{2772}$	$\frac{1}{3}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{63}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
149741	1879	2736	$\frac{2}{57}$	$\frac{55}{912}$	$\frac{857}{2736}$	$\frac{1}{3}$	$\Phi_{2736}\ \Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{144}\ \Phi_{72}\ \Phi_{57}\ \Phi_{36}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_1$
149742	1879	2673	$\frac{2}{99}$	$\frac{97}{891}$	$\frac{794}{2673}$	$\frac{1}{3}$	$\Phi_{2673}\ \Phi_{243}\ \Phi_{99}\ \Phi_{33}\ \Phi_{11}\ \Phi_9\ \Phi_1$
149743	1879	2565	$\frac{2}{171}$	$\frac{169}{855}$	$\frac{686}{2565}$	$\frac{1}{3}$	$\Phi_{2565}\ \Phi_{513}\ \Phi_{171}\ \Phi_{135}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_9\ \Phi_1$
149744	1879	2052	$\frac{2}{57}$	$\frac{173}{2052}$	$\frac{55}{228}$	$\frac{1}{3}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{513}\ \Phi_{342}\ \Phi_{171}\ \Phi_{108}\ \Phi_{57}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_1$
149745	1879	1980	$\frac{101}{1980}$	$\frac{2}{33}$	$\frac{31}{132}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{36}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
149746	1879	2340	$\frac{7}{468}$	$\frac{461}{2340}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{130}\ \Phi_{90}\ \Phi_{65}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
149747	1879	1908	$\frac{29}{1908}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{636}\ \Phi_{477}\ \Phi_{318}\ \Phi_{212}\ \Phi_{159}\ \Phi_{106}\ \Phi_{53}\ \Phi_9\ \Phi_1$
149748	1879	2106	$\frac{7}{234}$	$\frac{227}{2106}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{702}\ \Phi_{351}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
149749	1879	1944	$\frac{65}{1944}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
149750	1879	2016	$\frac{7}{144}$	$\frac{137}{2016}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
149751	1879	1989	$\frac{110}{1989}$	$\frac{7}{117}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1989}\ \Phi_{663}\ \Phi_{221}\ \Phi_{153}\ \Phi_{51}\ \Phi_{17}\ \Phi_9\ \Phi_1$
149752	1879	2376	$\frac{2}{99}$	$\frac{97}{594}$	$\frac{497}{2376}$	$\frac{1}{3}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{216}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
149753	1879	2310	$\frac{2}{33}$	$\frac{31}{462}$	$\frac{431}{2310}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{110}\ \Phi_{105}\ \Phi_{70}\ \Phi_{55}\ \Phi_{35}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
149754	1879	2280	$\frac{2}{57}$	$\frac{55}{456}$	$\frac{401}{2280}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{120}\ \Phi_{95}\ \Phi_{60}\ \Phi_{57}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
149755	1879	2079	$\frac{2}{33}$	$\frac{200}{2079}$	$\frac{31}{231}$	$\frac{1}{3}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{297}\ \Phi_{189}\ \Phi_{99}\ \Phi_{63}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_9\ \Phi_1$
149756	1879	2112	$\frac{2}{33}$	$\frac{233}{2112}$	$\frac{31}{264}$	$\frac{1}{3}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{192}\ \Phi_{176}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
149757	1880	1407	$\frac{1}{469}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{234}{469}$	$\Phi_{1407}\ \Phi_{469}^2\ \Phi_{201}\ \Phi_{67}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
149758	1880	1879	$\frac{5}{1879}$	$\frac{471}{1879}$	$\frac{704}{1879}$	$\frac{937}{1879}$	$\Phi_{1879}\ \Phi_1^2$
149759	1880	3000	$\frac{1}{375}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{187}{375}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{375}\ \Phi_{200}\ \Phi_{125}\ \Phi_{120}\ \Phi_{75}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
149760	1880	2823	$\frac{3}{941}$	$\frac{236}{941}$	$\frac{1}{3}$	$\frac{469}{941}$	Φ_{2823}
149761	1880	3276	$\frac{1}{234}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{233}{468}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}^2\ \Phi_{364}\ \Phi_{252}\ \Phi_{156}^2\ \Phi_{84}\ \Phi_{52}^2\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
149762	1880	2340	$\frac{1}{234}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{233}{468}$	$\Phi_{2340}^2\ \Phi_{780}^2\ \Phi_{260}^2\ \Phi_{180}^2\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}$
149763	1880	1683	$\frac{1}{187}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{93}{187}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}^2\ \Phi_{153}\ \Phi_{99}\ \Phi_{51}\ \Phi_{33}\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
149764	1880	1122	$\frac{1}{187}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{93}{187}$	$\Phi_{1122}^2\ \Phi_{561}\ \Phi_{374}^2\ \Phi_{187}^2\ \Phi_{102}^2\ \Phi_{66}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
149765	1880	1879	$\frac{11}{1879}$	$\frac{189}{1879}$	$\frac{845}{1879}$	$\frac{934}{1879}$	$\Phi_{1879}\ \Phi_1^2$
149766	1880	1570	$\frac{1}{157}$	$\frac{1}{5}$	$\frac{79}{314}$	$\frac{78}{157}$	$\Phi_{1570}^2\ \Phi_{785}\ \Phi_{10}^2$
149767	1880	2262	$\frac{3}{377}$	$\frac{1}{6}$	$\frac{95}{377}$	$\frac{187}{377}$	$\Phi_{2262}\ \Phi_{1131}\ \Phi_{754}\ \Phi_{174}\ \Phi_{87}\ \Phi_{78}\ \Phi_{58}\ \Phi_{39}\ \Phi_{26}$
149768	1880	1879	$\frac{17}{1879}$	$\frac{281}{1879}$	$\frac{474}{1879}$	$\frac{931}{1879}$	$\Phi_{1879}\ \Phi_1^2$
149769	1880	2823	$\frac{9}{941}$	$\frac{95}{941}$	$\frac{1}{3}$	$\frac{466}{941}$	Φ_{2823}
149770	1880	1767	$\frac{1}{93}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{46}{93}$	$\Phi_{1767}\ \Phi_{589}\ \Phi_{93}^2\ \Phi_{57}\ \Phi_{31}^2\ \Phi_{19}^2\ \Phi_3^2\ \Phi_1^4$
149771	1880	1023	$\frac{1}{93}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{46}{93}$	$\Phi_{1023}^2\ \Phi_{341}^2\ \Phi_{33}^3\ \Phi_{11}^2$
149772	1880	1767	$\frac{1}{93}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{46}{93}$	$\Phi_{1767}\ \Phi_{589}\ \Phi_{93}^2\ \Phi_{57}\ \Phi_{31}^2\ \Phi_{19}^2\ \Phi_3^2\ \Phi_1^4$
149773	1880	930	$\frac{1}{93}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{46}{93}$	$\Phi_{930}^3\ \Phi_{465}^2\ \Phi_{310}^3\ \Phi_{155}^2\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
149774	1880	1879	$\frac{21}{1879}$	$\frac{95}{1879}$	$\frac{892}{1879}$	$\frac{929}{1879}$	$\Phi_{1879}\ \Phi_1^2$
149775	1880	4176	$\frac{3}{232}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{229}{464}$	$\Phi_{4176}\ \Phi_{1392}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
149776	1880	693	$\frac{1}{63}$	$\frac{1}{11}$	$\frac{16}{63}$	$\frac{31}{63}$	$\Phi_{693}^3\ \Phi_{231}^3\ \Phi_{99}^3\ \Phi_{77}^3\ \Phi_{33}^3\ \Phi_{11}^2$
149777	1880	1879	$\frac{31}{1879}$	$\frac{191}{1879}$	$\frac{422}{1879}$	$\frac{924}{1879}$	$\Phi_{1879}\ \Phi_1^2$
149778	1880	1879	$\frac{33}{1879}$	$\frac{239}{1879}$	$\frac{328}{1879}$	$\frac{923}{1879}$	$\Phi_{1879}\ \Phi_1^2$
149779	1880	2262	$\frac{7}{377}$	$\frac{48}{377}$	$\frac{1}{6}$	$\frac{185}{377}$	$\Phi_{2262}\ \Phi_{1131}\ \Phi_{754}\ \Phi_{174}\ \Phi_{87}\ \Phi_{78}\ \Phi_{58}\ \Phi_{39}\ \Phi_{26}$
149780	1880	785	$\frac{3}{157}$	$\frac{16}{157}$	$\frac{1}{5}$	$\frac{77}{157}$	$\Phi_{785}^3\ \Phi_5^2$
149781	1880	1879	$\frac{37}{1879}$	$\frac{140}{1879}$	$\frac{479}{1879}$	$\frac{921}{1879}$	$\Phi_{1879}\ \Phi_1^2$
149782	1880	2823	$\frac{19}{941}$	$\frac{48}{941}$	$\frac{1}{3}$	$\frac{461}{941}$	Φ_{2823}
149783	1880	3588	$\frac{1}{46}$	$\frac{1}{39}$	$\frac{19}{39}$	$\frac{45}{92}$	$\Phi_{3588}\ \Phi_{1196}\ \Phi_{276}\ \Phi_{156}\ \Phi_{92}^2\ \Phi_{52}\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
149784	1880	1932	$\frac{1}{46}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{1932}^2\ \Phi_{644}^2\ \Phi_{276}\ \Phi_{92}^2\ \Phi_{84}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
149785	1880	1196	$\frac{1}{46}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{45}{92}$	$\Phi_{1196}^3\ \Phi_{92}^4\ \Phi_{52}^3\ \Phi_{13}^3\ \Phi_4^4\ \Phi_1^4$
149786	1880	5060	$\frac{1}{46}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{45}{92}$	$\Phi_{5060}\ \Phi_{220}\ \Phi_{55}$
149787	1880	3588	$\frac{1}{46}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{45}{92}$	$\Phi_{3588}\ \Phi_{1196}\ \Phi_{276}\ \Phi_{156}\ \Phi_{92}^2\ \Phi_{52}\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
149788	1880	828	$\frac{1}{46}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{45}{92}$	$\Phi_{828}^5\ \Phi_{276}^3\ \Phi_{92}^4\ \Phi_{36}^5\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
149789	1880	897	$\frac{1}{39}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{19}{39}$	$\Phi_{897}^2\ \Phi_{299}^2\ \Phi_{69}^3\ \Phi_{39}^3\ \Phi_{23}^2\ \Phi_{13}^3\ \Phi_3^4\ \Phi_1^4$
149790	1880	546	$\frac{3}{91}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{44}{91}$	$\Phi_{546}^4\ \Phi_{273}^4\ \Phi_{182}^4\ \Phi_{78}^5\ \Phi_{42}^4\ \Phi_{39}^5\ \Phi_{26}^5\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
149791	1880	1001	$\frac{3}{91}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{44}{91}$	$\Phi_{1001}^2\ \Phi_{143}^2\ \Phi_{77}^3\ \Phi_{11}^2$
149792	1880	1218	$\frac{1}{29}$	$\frac{15}{203}$	$\frac{1}{6}$	$\frac{14}{29}$	$\Phi_{1218}^2\ \Phi_{609}^2\ \Phi_{406}^2\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
149793	1880	594	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{7}{54}$	$\frac{13}{27}$	$\Phi_{594}^4\ \Phi_{297}^3\ \Phi_{198}^4\ \Phi_{99}^3\ \Phi_{66}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{11}^2$
149794	1880	3690	$\frac{1}{41}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{3690}\ \Phi_{1230}\ \Phi_{738}\ \Phi_{410}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}$
149795	1880	630	$\frac{2}{45}$	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{43}{90}$	$\Phi_{630}^6\ \Phi_{210}^6\ \Phi_{126}^6\ \Phi_{105}\ \Phi_{90}^4\ \Phi_{70}^6\ \Phi_{42}^6\ \Phi_{35}\ \Phi_{30}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{14}^6\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
149796	1880	990	$\frac{2}{45}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{43}{90}$	$\Phi_{990}^4\ \Phi_{330}^4\ \Phi_{198}^4\ \Phi_{110}^4\ \Phi_{99}\ \Phi_{66}^4\ \Phi_{33}\ \Phi_{22}^4$
149797	1880	1155	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{11}{105}$	$\frac{10}{21}$	$\Phi_{1155}^2\ \Phi_{385}^2\ \Phi_{231}\ \Phi_{165}^2\ \Phi_{77}\ \Phi_{55}^2\ \Phi_{33}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
149798	1880	912	$\frac{1}{48}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{48}^4\ \Phi_{38}^2\ \Phi_{24}^4$ $\Phi_{19}^2\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
149799	1880	1178	$\frac{1}{31}$	$\frac{1}{19}$	$\frac{15}{62}$	$\frac{9}{19}$	$\Phi_{1178}^2\ \Phi_{589}\ \Phi_{62}^4\ \Phi_{38}^2\ \Phi_{31}^2\ \Phi_{19}^2\ \Phi_{2}^4\ \Phi_{1}^4$
149800	1880	399	$\frac{1}{21}$	$\frac{1}{19}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{399}^5\ \Phi_{133}^5\ \Phi_{57}^3\ \Phi_{21}^4\ \Phi_{19}^4\ \Phi_{7}^4\ \Phi_{3}^2\ \Phi_{1}^4$
149801	1880	2624	$\frac{1}{41}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{2624}\ \Phi_{656}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}$
149802	1880	3608	$\frac{1}{41}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{3608}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}$
149803	1880	1968	$\frac{1}{48}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{492}\ \Phi_{328}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}$
149804	1880	390	$\frac{7}{195}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{390}^6\ \Phi_{195}^4\ \Phi_{130}^6\ \Phi_{78}^5\ \Phi_{65}^4\ \Phi_{39}^3\ \Phi_{30}^6\ \Phi_{26}^5\ \Phi_{15}^4\ \Phi_{13}^4\ \Phi_{10}^6\ \Phi_{6}^4$ $\Phi_{5}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
149805	1880	174	$\frac{1}{29}$	$\frac{7}{87}$	$\frac{1}{6}$	$\frac{40}{87}$	$\Phi_{174}^{13}\ \Phi_{87}^9\ \Phi_{58}^{13}\ \Phi_{29}^8\ \Phi_{6}^{12}\ \Phi_{3}^8\ \Phi_{2}^{12}\ \Phi_{1}^8$
149806	1880	1879	$\frac{29}{1879}$	$\frac{185}{1879}$	$\frac{516}{1879}$	$\frac{847}{1879}$	$\Phi_{1879}\ \Phi_{1}^2$
149807	1880	2823	$\frac{11}{941}$	$\frac{93}{941}$	$\frac{1}{3}$	$\frac{424}{941}$	Φ_{2823}
149808	1880	855	$\frac{1}{95}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{855}^2\ \Phi_{285}^3\ \Phi_{171}^2\ \Phi_{95}^2\ \Phi_{57}^3\ \Phi_{45}^2\ \Phi_{19}^2\ \Phi_{15}^3\ \Phi_{5}^2$
149809	1880	1683	$\frac{3}{187}$	$\frac{1}{9}$	$\frac{46}{187}$	$\frac{4}{9}$	$\Phi_{1683}\ \Phi_{561}\ \Phi_{187}^2\ \Phi_{153}\ \Phi_{99}\ \Phi_{51}\ \Phi_{33}\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
149810	1880	720	$\frac{1}{48}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^4\ \Phi_{180}^3\ \Phi_{120}^4\ \Phi_{90}^3\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{45}^2\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{20}^4$ $\Phi_{15}^3\ \Phi_{10}^4\ \Phi_{5}^2$
149811	1880	99	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{99}^{19}\ \Phi_{33}^{19}\ \Phi_{11}^{18}\ \Phi_{9}^{20}\ \Phi_{3}^{20}\ \Phi_{1}^{20}$
149812	1880	153	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{153}^{11}\ \Phi_{51}^{15}\ \Phi_{17}^{14}\ \Phi_{9}^{12}\ \Phi_{3}^{16}\ \Phi_{1}^{16}$
149813	1880	3444	$\frac{1}{41}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{3444}\ \Phi_{1148}\ \Phi_{492}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}$
149814	1880	924	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{5}{42}$	$\frac{37}{84}$	$\Phi_{924}^4\ \Phi_{308}^4\ \Phi_{231}\ \Phi_{132}^4\ \Phi_{77}\ \Phi_{44}^4\ \Phi_{33}$
149815	1880	1659	$\frac{2}{237}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1659}\ \Phi_{553}\ \Phi_{237}^2\ \Phi_{79}^2\ \Phi_{7}\ \Phi_{1}^2$
149816	1880	2457	$\frac{1}{117}$	$\frac{1}{7}$	$\frac{116}{351}$	$\frac{3}{7}$	$\Phi_{2457}\ \Phi_{351}^2\ \Phi_{189}\ \Phi_{27}^2\ \Phi_{7}\ \Phi_{1}^2$
149817	1880	665	$\frac{1}{95}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{665}^3\ \Phi_{133}^3\ \Phi_{95}^2\ \Phi_{35}^3\ \Phi_{19}^2\ \Phi_{5}^2$
149818	1880	2184	$\frac{1}{78}$	$\frac{1}{7}$	$\frac{77}{312}$	$\frac{3}{7}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{364}\ \Phi_{312}^2\ \Phi_{168}\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{84}\ \Phi_{56}$ $\Phi_{52}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{4}^2\ \Phi_{1}^2$
149819	1880	819	$\frac{2}{117}$	$\frac{1}{7}$	$\frac{23}{117}$	$\frac{3}{7}$	$\Phi_{819}^2\ \Phi_{273}^2\ \Phi_{117}^4\ \Phi_{91}^2\ \Phi_{63}^2\ \Phi_{39}^4\ \Phi_{21}^2\ \Phi_{13}^4\ \Phi_{9}^4\ \Phi_{7}^3\ \Phi_{3}^4\ \Phi_{1}^6$
149820	1880	336	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{336}^5\ \Phi_{168}^5\ \Phi_{112}^5\ \Phi_{84}^5\ \Phi_{56}^5\ \Phi_{48}^{10}\ \Phi_{42}^4\ \Phi_{28}^5\ \Phi_{24}^{10}\ \Phi_{21}^4\ \Phi_{16}^{10}\ \Phi_{14}^4$ $\Phi_{12}^{10}\ \Phi_{8}^{10}\ \Phi_{7}^5\ \Phi_{6}^8\ \Phi_{4}^{10}\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^{10}$
149821	1880	273	$\frac{1}{39}$	$\frac{38}{273}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{273}^7\ \Phi_{91}^7\ \Phi_{39}^6\ \Phi_{21}^7\ \Phi_{13}^6\ \Phi_{7}^8\ \Phi_{3}^6\ \Phi_{1}^8$
149822	1880	1701	$\frac{8}{243}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{243}^2\ \Phi_{189}\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_{7}\ \Phi_{1}^2$
149823	1880	364	$\frac{1}{26}$	$\frac{5}{52}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{364}^5\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{52}^{10}\ \Phi_{28}^5\ \Phi_{26}^8\ \Phi_{14}^4\ \Phi_{13}^8\ \Phi_{7}^5\ \Phi_{4}^{10}\ \Phi_{2}^8\ \Phi_{1}^{10}$
149824	1880	539	$\frac{2}{49}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{539}^4\ \Phi_{77}^3\ \Phi_{11}^2$
149825	1880	1729	$\frac{12}{247}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1729}\ \Phi_{247}^2\ \Phi_{133}\ \Phi_{19}^2\ \Phi_{7}\ \Phi_{1}^2$
149826	1880	252	$\frac{1}{18}$	$\frac{17}{252}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{252}^8\ \Phi_{126}^7\ \Phi_{84}^8\ \Phi_{63}^7\ \Phi_{42}^7\ \Phi_{36}^8\ \Phi_{28}^8\ \Phi_{21}^7\ \Phi_{18}^6\ \Phi_{14}^7\ \Phi_{12}^8\ \Phi_{9}^6$ $\Phi_{7}^8\ \Phi_{6}^6\ \Phi_{4}^8\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^8$
149827	1880	1879	$\frac{23}{1879}$	$\frac{283}{1879}$	$\frac{464}{1879}$	$\frac{798}{1879}$	$\Phi_{1879}\ \Phi_{1}^2$
149828	1880	891	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{13}{81}$	$\frac{34}{81}$	$\Phi_{891}^2\ \Phi_{297}^3\ \Phi_{99}^3\ \Phi_{33}^3\ \Phi_{11}^2$
149829	1880	1968	$\frac{1}{48}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{492}\ \Phi_{328}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}$
149830	1880	3280	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{3280}\ \Phi_{656}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}$
149831	1880	1879	$\frac{34}{1879}$	$\frac{281}{1879}$	$\frac{369}{1879}$	$\frac{755}{1879}$	$\Phi_{1879}\ \Phi_{1}^2$
149832	1880	785	$\frac{2}{157}$	$\frac{31}{157}$	$\frac{1}{5}$	$\frac{63}{157}$	$\Phi_{785}^3\ \Phi_{5}^2$
149833	1880	1879	$\frac{14}{1879}$	$\frac{373}{1879}$	$\frac{563}{1879}$	$\frac{753}{1879}$	$\Phi_{1879}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
149834	1880	2823	$\frac{6}{941}$	$\frac{187}{941}$	$\frac{1}{3}$	$\frac{377}{941}$	Φ_{2823}
149835	1880	1050	$\frac{1}{21}$	$\frac{3}{50}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_6^2$
149836	1880	1879	$\frac{24}{1879}$	$\frac{371}{1879}$	$\frac{377}{1879}$	$\frac{751}{1879}$	$\Phi_{1879}\ \Phi_1^2$
149837	1880	1968	$\frac{1}{48}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{492}\ \Phi_{328}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}$
149838	1880	1596	$\frac{1}{21}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{29}{76}$	$\Phi_{1596}^2\ \Phi_{532}^2\ \Phi_{399}\ \Phi_{228}^2\ \Phi_{133}\ \Phi_{84}^2\ \Phi_{57}\ \Phi_{28}^2\ \Phi_{12}^2$
149839	1880	1879	$\frac{35}{1879}$	$\frac{234}{1879}$	$\frac{461}{1879}$	$\frac{709}{1879}$	$\Phi_{1879}\ \Phi_1^2$
149840	1880	2262	$\frac{5}{377}$	$\frac{1}{6}$	$\frac{93}{377}$	$\frac{142}{377}$	$\Phi_{2262}\ \Phi_{1131}\ \Phi_{754}\ \Phi_{174}\ \Phi_{87}\ \Phi_{78}\ \Phi_{58}\ \Phi_{39}\ \Phi_{26}$
149841	1880	1512	$\frac{1}{189}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1512}^2\ \Phi_{504}^2\ \Phi_{216}^2\ \Phi_{189}^2\ \Phi_{168}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
149842	1880	1000	$\frac{1}{125}$	$\frac{31}{125}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1000}^3\ \Phi_{200}^3\ \Phi_{125}^3\ \Phi_{40}^3\ \Phi_{25}^3\ \Phi_8^4\ \Phi_5^3\ \Phi_1^4$
149843	1880	760	$\frac{1}{95}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{760}^4\ \Phi_{152}^4\ \Phi_{95}^4\ \Phi_{40}^3\ \Phi_{19}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_1^4$
149844	1880	1800	$\frac{1}{75}$	$\frac{37}{225}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1800}^2\ \Phi_{600}\ \Phi_{360}^2\ \Phi_{225}^2\ \Phi_{200}\ \Phi_{120}\ \Phi_{75}\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_9^2\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
149845	1880	3000	$\frac{7}{375}$	$\frac{46}{375}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{375}\ \Phi_{200}\ \Phi_{125}\ \Phi_{120}\ \Phi_{75}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
149846	1880	144	$\frac{1}{48}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{144}^{15}\ \Phi_{72}^{14}\ \Phi_{48}^{10}\ \Phi_{36}^{15}\ \Phi_{24}^9\ \Phi_{18}^{15}\ \Phi_{16}^{10}\ \Phi_{12}^{10}\ \Phi_9^{14}\ \Phi_8^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
149847	1880	1560	$\frac{7}{195}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}^2\ \Phi_{195}^2\ \Phi_{120}\ \Phi_{104}^2\ \Phi_{65}^2\ \Phi_{40}\ \Phi_{39}^2\ \Phi_{24}\ \Phi_{15}\ \Phi_{13}^2\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
149848	1880	200	$\frac{1}{25}$	$\frac{3}{50}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{200}^{15}\ \Phi_{50}^8\ \Phi_{40}^{15}\ \Phi_{25}^7\ \Phi_{10}^8\ \Phi_8^{16}\ \Phi_5^7\ \Phi_2^8\ \Phi_1^8$
149849	1880	2952	$\frac{1}{41}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{492}\ \Phi_{328}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}$
149850	1880	1062	$\frac{1}{59}$	$\frac{1}{9}$	$\frac{58}{177}$	$\frac{119}{354}$	$\Phi_{1062}^3\ \Phi_{531}\ \Phi_{354}^2\ \Phi_{177}\ \Phi_{118}^2\ \Phi_{18}^3\ \Phi_6^2\ \Phi_2^2$
149851	1880	708	$\frac{1}{236}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{708}^3\ \Phi_{354}^3\ \Phi_{236}^2\ \Phi_{177}^3\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
149852	1880	1185	$\frac{2}{237}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1185}^2\ \Phi_{395}^2\ \Phi_{15}$
149853	1880	1407	$\frac{4}{469}$	$\frac{93}{469}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1407}\ \Phi_{469}^2\ \Phi_{201}\ \Phi_{67}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
149854	1880	570	$\frac{1}{95}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{570}^4\ \Phi_{285}^3\ \Phi_{190}^4\ \Phi_{114}^4\ \Phi_{95}^2\ \Phi_{57}^3\ \Phi_{38}^4\ \Phi_{30}^4\ \Phi_{19}^2\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
149855	1880	714	$\frac{3}{238}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{238}^4\ \Phi_{119}^4\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{42}^2\ \Phi_{34}^4\ \Phi_{21}\ \Phi_{17}^4\ \Phi_{14}^4\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
149856	1880	804	$\frac{1}{67}$	$\frac{33}{268}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{804}^2\ \Phi_{402}^2\ \Phi_{268}^4\ \Phi_{201}\ \Phi_{134}^4\ \Phi_{67}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
149857	1880	1407	$\frac{9}{469}$	$\frac{46}{469}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1407}\ \Phi_{469}^2\ \Phi_{201}\ \Phi_{67}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
149858	1880	528	$\frac{1}{48}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{176}^4\ \Phi_{132}^4\ \Phi_{88}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{11}^2$
149859	1880	1755	$\frac{1}{117}$	$\frac{1}{5}$	$\frac{116}{351}$	$\frac{1}{3}$	$\Phi_{1755}^2\ \Phi_{135}^2\ \Phi_{15}$
149860	1880	3069	$\frac{2}{93}$	$\frac{1}{11}$	$\frac{91}{279}$	$\frac{1}{3}$	$\Phi_{3069}\ \Phi_{99}\ \Phi_{33}$
149861	1880	483	$\frac{1}{23}$	$\frac{1}{21}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{483}^4\ \Phi_{161}^4\ \Phi_{69}^3\ \Phi_{23}^2\ \Phi_{21}^6\ \Phi_7^6\ \Phi_3^4\ \Phi_1^4$
149862	1880	2565	$\frac{1}{95}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{2565}\ \Phi_{513}\ \Phi_{285}\ \Phi_{135}\ \Phi_{57}\ \Phi_{15}$
149863	1880	1560	$\frac{1}{78}$	$\frac{1}{5}$	$\frac{77}{312}$	$\frac{1}{3}$	$\Phi_{1560}^2\ \Phi_{780}^2\ \Phi_{520}^2\ \Phi_{260}^2\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{15}$
149864	1880	1122	$\frac{3}{187}$	$\frac{1}{6}$	$\frac{46}{187}$	$\frac{1}{3}$	$\Phi_{1122}^2\ \Phi_{561}\ \Phi_{374}^2\ \Phi_{187}^2\ \Phi_{102}^2\ \Phi_{66}^2\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
149865	1880	2823	$\frac{17}{941}$	$\frac{142}{941}$	$\frac{231}{941}$	$\frac{1}{3}$	Φ_{2823}
149866	1880	2046	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{15}{62}$	$\frac{1}{3}$	$\Phi_{2046}^2\ \Phi_{1023}\ \Phi_{66}^2\ \Phi_{33}^2$
149867	1880	2385	$\frac{7}{477}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2385}\ \Phi_{795}\ \Phi_{265}\ \Phi_{15}$
149868	1880	2214	$\frac{1}{41}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2214}\ \Phi_{1107}\ \Phi_{738}\ \Phi_{246}\ \Phi_{123}\ \Phi_{82}$
149869	1880	2460	$\frac{1}{41}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{820}\ \Phi_{492}\ \Phi_{410}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
149870	1880	912	$\frac{1}{48}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}\ \Phi_{48}^4\ \Phi_{38}^2\ \Phi_{24}^4\ \Phi_{19}^2\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
149871	1880	2823	$\frac{16}{941}$	$\frac{185}{941}$	$\frac{189}{941}$	$\frac{1}{3}$	Φ_{2823}
149872	1880	585	$\frac{2}{117}$	$\frac{23}{117}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{585}^4\ \Phi_{195}^4\ \Phi_{65}^4\ \Phi_{45}^4\ \Phi_{15}^5\ \Phi_5^4$
149873	1880	240	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{240}^{10}\ \Phi_{120}^{10}\ \Phi_{80}^{10}\ \Phi_{60}^{10}\ \Phi_{40}^{10}\ \Phi_{30}^8\ \Phi_{20}^{10}\ \Phi_{15}^9\ \Phi_{10}^8\ \Phi_5^8$
149874	1880	1365	$\frac{1}{39}$	$\frac{38}{273}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1365}^2\ \Phi_{455}^2\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{15}$
149875	1880	1215	$\frac{8}{243}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1215}^2\ \Phi_{405}^2\ \Phi_{135}^2\ \Phi_{15}$
149876	1880	780	$\frac{1}{26}$	$\frac{5}{52}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{780}^5\ \Phi_{390}^4\ \Phi_{195}^4\ \Phi_{60}^5\ \Phi_{30}^4\ \Phi_{15}^5$
149877	1880	3705	$\frac{12}{247}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3705}\ \Phi_{285}\ \Phi_{15}$
149878	1880	2535	$\frac{2}{39}$	$\frac{37}{507}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2535}\ \Phi_{845}\ \Phi_{15}$
149879	1880	1260	$\frac{1}{18}$	$\frac{17}{252}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{35}^2\ \Phi_{20}^2\ \Phi_{15}$
149880	1880	198	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{198}^{12}\ \Phi_{99}^8\ \Phi_{66}^{10}\ \Phi_{33}^7\ \Phi_{22}^{10}\ \Phi_{18}^{12}\ \Phi_{11}^6\ \Phi_9^8\ \Phi_6^{12}\ \Phi_3^8\ \Phi_2^{12}\ \Phi_1^8$
149881	1880	102	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{102}^{22}\ \Phi_{51}^{15}\ \Phi_{34}^{22}\ \Phi_{17}^{14}\ \Phi_6^{24}\ \Phi_3^{16}\ \Phi_2^{24}\ \Phi_1^{16}$
149882	1880	1044	$\frac{3}{116}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{113}{348}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{348}\ \Phi_{261}^2\ \Phi_{174}\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{36}^3\ \Phi_{29}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
149883	1880	870	$\frac{1}{29}$	$\frac{59}{435}$	$\frac{1}{6}$	$\frac{28}{87}$	$\Phi_{870}^3\ \Phi_{435}^2\ \Phi_{290}^3\ \Phi_{174}\ \Phi_{145}^2\ \Phi_{87}\ \Phi_{58}\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
149884	1880	2673	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{55}{243}$	$\frac{26}{81}$	$\Phi_{2673}\ \Phi_{297}\ \Phi_{99}\ \Phi_{33}$
149885	1880	897	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{22}{69}$	$\Phi_{897}^3\ \Phi_{69}^4\ \Phi_{39}^3\ \Phi_{13}^3\ \Phi_3^4\ \Phi_1^4$
149886	1880	3795	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{22}{69}$	$\Phi_{3795}\ \Phi_{165}\ \Phi_{55}$
149887	1880	897	$\frac{1}{23}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{22}{69}$	$\Phi_{897}^2\ \Phi_{299}^2\ \Phi_{69}^3\ \Phi_{39}^3\ \Phi_{23}^2\ \Phi_{13}^3\ \Phi_3^4\ \Phi_1^4$
149888	1880	414	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{22}{69}$	$\Phi_{414}^6\ \Phi_{207}^4\ \Phi_{138}^4\ \Phi_{69}^3\ \Phi_{46}^4\ \Phi_{23}^2\ \Phi_{18}^9\ \Phi_9^6\ \Phi_6^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
149889	1880	546	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{85}{273}$	$\Phi_{546}^4\ \Phi_{273}^2\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{78}^5\ \Phi_{42}^4\ \Phi_{39}^3\ \Phi_{26}^5\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_{13}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
149890	1880	3003	$\frac{6}{91}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{85}{273}$	$\Phi_{3003}\ \Phi_{429}\ \Phi_{231}\ \Phi_{77}\ \Phi_{33}$
149891	1880	945	$\frac{1}{21}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{135}$	$\Phi_{945}^3\ \Phi_{189}^3\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{35}\ \Phi_{27}^2\ \Phi_{15}$
149892	1880	1485	$\frac{4}{45}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{41}{135}$	$\Phi_{1485}^2\ \Phi_{297}^2\ \Phi_{99}\ \Phi_{33}$
149893	1880	522	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{1}{6}$	$\frac{73}{261}$	$\Phi_{522}^6\ \Phi_{261}^4\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}\ \Phi_{18}^6\ \Phi_9^4$
149894	1880	105	$\frac{1}{21}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{105}^{18}\ \Phi_{35}^{18}\ \Phi_{21}^{17}\ \Phi_{15}^{19}\ \Phi_7^{17}\ \Phi_5^{18}\ \Phi_3^{18}\ \Phi_1^{18}$
149895	1880	693	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{5}{21}$	$\frac{16}{63}$	$\Phi_{693}^4\ \Phi_{231}\ \Phi_{99}^4\ \Phi_{77}\ \Phi_{33}$
149896	1880	1178	$\frac{1}{31}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{15}{62}$	$\Phi_{1178}^2\ \Phi_{589}\ \Phi_{62}^4\ \Phi_{38}^2\ \Phi_{31}^2\ \Phi_{19}^2\ \Phi_2^4\ \Phi_1^4$
149897	1880	930	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{15}{62}$	$\Phi_{930}^3\ \Phi_{465}^3\ \Phi_{310}\ \Phi_{155}^2\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^2\ \Phi_5^2$
149898	1880	174	$\frac{1}{29}$	$\frac{1}{6}$	$\frac{11}{58}$	$\frac{7}{29}$	$\Phi_{174}^{13}\ \Phi_{87}^{13}\ \Phi_{58}^5\ \Phi_{29}^8\ \Phi_6^{12}\ \Phi_3^{12}\ \Phi_2^4\ \Phi_1^8$
149899	1880	156	$\frac{1}{13}$	$\frac{5}{52}$	$\frac{1}{6}$	$\frac{3}{13}$	$\Phi_{156}^{16}\ \Phi_{78}^{13}\ \Phi_{52}^8\ \Phi_{39}^{13}\ \Phi_{26}^5\ \Phi_{13}^8\ \Phi_{12}^{16}\ \Phi_6^{12}\ \Phi_4^8\ \Phi_3^{12}\ \Phi_2^4\ \Phi_1^8$
149900	1880	594	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{7}{54}$	$\frac{2}{9}$	$\Phi_{594}^4\ \Phi_{297}^4\ \Phi_{198}^4\ \Phi_{99}\ \Phi_{66}^4\ \Phi_{33}\ \Phi_{22}^4$
149901	1880	420	$\frac{1}{21}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{420}^6\ \Phi_{210}^6\ \Phi_{140}^6\ \Phi_{105}\ \Phi_{84}^6\ \Phi_{70}^6\ \Phi_{60}^4\ \Phi_{42}^6\ \Phi_{35}\ \Phi_{30}^4\ \Phi_{28}^6\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{14}^6\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
149902	1880	2475	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{37}{225}$	$\frac{8}{45}$	$\Phi_{2475}\ \Phi_{825}\ \Phi_{275}\ \Phi_{99}\ \Phi_{33}$
149903	1880	2730	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{6}$	$\frac{79}{455}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{910}\ \Phi_{390}\ \Phi_{210}\ \Phi_{195}\ \Phi_{130}\ \Phi_{105}\ \Phi_{78}\ \Phi_{70}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{10}$
149904	1881	3008	$\frac{1}{376}$	$\frac{377}{1504}$	$\frac{1127}{3008}$	$\frac{375}{752}$	$\Phi_{3008}\ \Phi_{752}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
149905	1881	2512	$\frac{3}{628}$	$\frac{1}{4}$	$\frac{631}{2512}$	$\frac{625}{1256}$	$\Phi_{2512}\ \Phi_{628}\ \Phi_{314}\ \Phi_{157}\ \Phi_{16}\ \Phi_1$
149906	1881	416	$\frac{1}{208}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{207}{416}$	$\Phi_{416}^9\ \Phi_{32}^9\ \Phi_{16}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
149907	1881	416	$\frac{1}{208}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{207}{416}$	$\Phi_{416}^{9}\,\Phi_{32}^{9}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
149908	1881	340	$\frac{1}{170}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{169}{340}$	$\Phi_{340}\,\Phi_{170}^{10}\,\Phi_{85}^{10}\,\Phi_{68}\,\Phi_{34}^{10}\,\Phi_{20}^{2}\,\Phi_{17}^{10}\,\Phi_{10}^{10}\,\Phi_{5}^{10}\,\Phi_{4}^{2}\,\Phi_{2}^{10}\,\Phi_{1}^{11}$
149909	1881	1020	$\frac{1}{170}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{169}{340}$	$\Phi_{1020}^{5}\,\Phi_{340}\,\Phi_{204}^{5}\,\Phi_{68}\,\Phi_{60}^{5}\,\Phi_{20}\,\Phi_{15}\,\Phi_{12}^{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
149910	1881	2070	$\frac{2}{207}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{205}{414}$	$\Phi_{2070}\,\Phi_{1035}\,\Phi_{690}\,\Phi_{345}\,\Phi_{230}\,\Phi_{207}\,\Phi_{115}\,\Phi_{90}\,\Phi_{69}\,\Phi_{45}\,\Phi_{30}^{2}\,\Phi_{23}\,\Phi_{15}^{2}\,\Phi_{10}\,\Phi_{9}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
149911	1881	1764	$\frac{1}{98}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{97}{196}$	$\Phi_{882}^{2}\,\Phi_{441}^{2}\,\Phi_{294}^{2}\,\Phi_{196}\,\Phi_{147}^{2}\,\Phi_{126}^{2}\,\Phi_{98}^{2}\,\Phi_{63}^{2}\,\Phi_{49}^{2}\,\Phi_{42}^{2}\,\Phi_{36}\,\Phi_{28}\,\Phi_{21}^{2}\,\Phi_{18}^{2}\,\Phi_{14}^{2}\,\Phi_{12}\,\Phi_{9}^{2}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
149912	1881	588	$\frac{1}{98}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{97}{196}$	$\Phi_{588}^{6}\,\Phi_{196}^{7}\,\Phi_{84}^{6}\,\Phi_{28}^{7}\,\Phi_{21}\,\Phi_{12}^{6}\,\Phi_{7}\,\Phi_{4}^{7}\,\Phi_{1}$
149913	1881	5292	$\frac{1}{98}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{97}{196}$	$\Phi_{5292}\,\Phi_{756}\,\Phi_{196}\,\Phi_{108}\,\Phi_{28}\,\Phi_{27}\,\Phi_{4}\,\Phi_{1}$
149914	1881	1176	$\frac{1}{98}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{97}{196}$	$\Phi_{1176}^{2}\,\Phi_{392}^{2}\,\Phi_{294}^{2}\,\Phi_{196}\,\Phi_{168}^{2}\,\Phi_{147}^{2}\,\Phi_{98}^{2}\,\Phi_{56}^{2}\,\Phi_{49}^{2}\,\Phi_{42}^{2}\,\Phi_{28}\,\Phi_{24}^{3}\,\Phi_{21}^{2}\,\Phi_{14}^{2}\,\Phi_{12}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
149915	1881	1240	$\frac{7}{620}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{613}{1240}$	$\Phi_{1240}^{3}\,\Phi_{248}^{3}\,\Phi_{40}^{3}\,\Phi_{10}^{2}\,\Phi_{8}^{3}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
149916	1881	3712	$\frac{25}{1856}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1831}{3712}$	$\Phi_{3712}\,\Phi_{128}\,\Phi_{32}\,\Phi_{16}\,\Phi_{1}$
149917	1881	280	$\frac{1}{70}$	$\frac{1}{10}$	$\frac{71}{280}$	$\frac{69}{140}$	$\Phi_{280}^{9}\,\Phi_{70}^{9}\,\Phi_{56}^{9}\,\Phi_{40}^{9}\,\Phi_{35}^{9}\,\Phi_{14}^{9}\,\Phi_{10}^{8}\,\Phi_{8}^{9}\,\Phi_{7}^{9}\,\Phi_{5}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
149918	1881	448	$\frac{1}{56}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{55}{112}$	$\Phi_{448}^{8}\,\Phi_{112}\,\Phi_{64}^{9}\,\Phi_{16}\,\Phi_{1}$
149919	1881	112	$\frac{1}{56}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{55}{112}$	$\Phi_{112}^{17}\,\Phi_{56}^{16}\,\Phi_{28}^{16}\,\Phi_{16}^{19}\,\Phi_{14}^{16}\,\Phi_{8}^{18}\,\Phi_{7}^{16}\,\Phi_{4}^{18}\,\Phi_{2}^{18}\,\Phi_{1}^{19}$
149920	1881	336	$\frac{1}{56}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{55}{112}$	$\Phi_{336}^{12}\,\Phi_{112}^{9}\,\Phi_{48}^{12}\,\Phi_{16}^{9}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
149921	1881	560	$\frac{1}{56}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{55}{112}$	$\Phi_{560}^{8}\,\Phi_{112}\,\Phi_{80}^{8}\,\Phi_{40}\,\Phi_{20}\,\Phi_{16}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
149922	1881	410	$\frac{4}{205}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{201}{410}$	$\Phi_{410}^{4}\,\Phi_{205}^{5}\,\Phi_{82}^{4}\,\Phi_{41}^{5}\,\Phi_{10}^{8}\,\Phi_{5}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
149923	1881	3680	$\frac{41}{1840}$	$\frac{1}{40}$	$\frac{39}{80}$	$\frac{1799}{3680}$	$\Phi_{3680}\,\Phi_{736}\,\Phi_{160}\,\Phi_{80}\,\Phi_{32}\,\Phi_{16}\,\Phi_{1}$
149924	1881	1260	$\frac{1}{42}$	$\frac{1}{10}$	$\frac{43}{252}$	$\frac{41}{84}$	$\Phi_{1260}^{2}\,\Phi_{630}^{2}\,\Phi_{315}^{2}\,\Phi_{252}\,\Phi_{210}^{2}\,\Phi_{180}^{2}\,\Phi_{126}\,\Phi_{105}^{2}\,\Phi_{90}^{2}\,\Phi_{70}^{2}\,\Phi_{63}\,\Phi_{45}^{2}\,\Phi_{42}\,\Phi_{36}\,\Phi_{35}^{2}\,\Phi_{30}^{2}\,\Phi_{21}\,\Phi_{18}\,\Phi_{15}^{2}\,\Phi_{14}\,\Phi_{10}\,\Phi_{9}\,\Phi_{7}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
149925	1881	2040	$\frac{5}{204}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{199}{408}$	$\Phi_{2040}^{2}\,\Phi_{680}^{2}\,\Phi_{408}\,\Phi_{136}\,\Phi_{120}^{2}\,\Phi_{40}^{2}\,\Phi_{30}^{2}\,\Phi_{24}\,\Phi_{15}^{2}\,\Phi_{10}\,\Phi_{8}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
149926	1881	2030	$\frac{4}{145}$	$\frac{149}{2030}$	$\frac{1}{5}$	$\frac{141}{290}$	$\Phi_{2030}\,\Phi_{1015}\,\Phi_{406}\,\Phi_{203}\,\Phi_{145}\,\Phi_{70}\,\Phi_{35}\,\Phi_{29}\,\Phi_{14}\,\Phi_{7}\,\Phi_{1}$
149927	1881	2030	$\frac{6}{203}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{197}{406}$	$\Phi_{2030}\,\Phi_{1015}\,\Phi_{290}\,\Phi_{203}\,\Phi_{145}\,\Phi_{70}^{2}\,\Phi_{35}^{2}\,\Phi_{29}\,\Phi_{14}\,\Phi_{10}\,\Phi_{7}\,\Phi_{5}\,\Phi_{1}$
149928	1881	448	$\frac{1}{32}$	$\frac{1}{28}$	$\frac{9}{28}$	$\frac{31}{64}$	$\Phi_{448}^{8}\,\Phi_{64}^{9}\,\Phi_{28}^{2}\,\Phi_{14}^{2}\,\Phi_{7}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
149929	1881	320	$\frac{1}{32}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{320}^{12}\,\Phi_{64}^{9}\,\Phi_{20}^{3}\,\Phi_{10}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
149930	1881	2240	$\frac{1}{32}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{31}{64}$	$\Phi_{2240}^{2}\,\Phi_{320}^{2}\,\Phi_{70}\,\Phi_{64}\,\Phi_{35}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
149931	1881	1344	$\frac{1}{32}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{31}{64}$	$\Phi_{1344}^{3}\,\Phi_{448}^{2}\,\Phi_{192}^{3}\,\Phi_{64}^{3}\,\Phi_{21}^{3}\,\Phi_{7}^{2}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
149932	1881	64	$\frac{1}{32}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{31}{64}$	$\Phi_{64}^{26}\,\Phi_{32}^{33}\,\Phi_{16}^{33}\,\Phi_{8}^{32}\,\Phi_{4}^{32}\,\Phi_{2}^{32}\,\Phi_{1}^{33}$
149933	1881	240	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{31}{240}$	$\frac{29}{60}$	$\Phi_{240}^{9}\,\Phi_{120}^{9}\,\Phi_{80}^{9}\,\Phi_{48}^{9}\,\Phi_{40}^{9}\,\Phi_{30}^{9}\,\Phi_{24}^{9}\,\Phi_{16}^{9}\,\Phi_{15}^{9}\,\Phi_{10}^{8}\,\Phi_{8}^{9}\,\Phi_{6}^{9}\,\Phi_{5}^{8}\,\Phi_{3}^{9}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
149934	1881	3640	$\frac{61}{1820}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{1759}{3640}$	$\Phi_{3640}\,\Phi_{728}\,\Phi_{520}\,\Phi_{280}\,\Phi_{104}\,\Phi_{65}\,\Phi_{56}\,\Phi_{40}\,\Phi_{13}\,\Phi_{8}\,\Phi_{1}$
149935	1881	3640	$\frac{61}{1820}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1759}{3640}$	$\Phi_{3640}\,\Phi_{728}\,\Phi_{520}\,\Phi_{280}\,\Phi_{104}\,\Phi_{70}\,\Phi_{56}\,\Phi_{40}\,\Phi_{35}\,\Phi_{14}\,\Phi_{8}\,\Phi_{7}\,\Phi_{1}$
149936	1881	380	$\frac{4}{95}$	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{91}{190}$	$\Phi_{380}^{5}\,\Phi_{190}^{4}\,\Phi_{95}^{5}\,\Phi_{76}^{5}\,\Phi_{38}^{4}\,\Phi_{20}^{9}\,\Phi_{19}^{5}\,\Phi_{10}^{8}\,\Phi_{5}^{8}\,\Phi_{4}^{9}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
149937	1881	700	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{73}{700}$	$\frac{67}{140}$	$\Phi_{700}^{3}\,\Phi_{350}^{3}\,\Phi_{175}^{3}\,\Phi_{100}^{3}\,\Phi_{70}^{3}\,\Phi_{50}^{3}\,\Phi_{35}^{3}\,\Phi_{25}^{3}\,\Phi_{14}^{3}\,\Phi_{10}^{2}\,\Phi_{7}^{3}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
149938	1881	400	$\frac{1}{40}$	$\frac{9}{200}$	$\frac{13}{40}$	$\frac{191}{400}$	$\Phi_{400}^{9}\,\Phi_{80}^{9}\,\Phi_{40}^{2}\,\Phi_{20}^{2}\,\Phi_{16}^{9}\,\Phi_{10}^{2}\,\Phi_{8}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
149939	1881	400	$\frac{9}{200}$	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{191}{400}$	$\Phi_{400}^{9}\,\Phi_{100}\,\Phi_{80}^{9}\,\Phi_{50}\,\Phi_{25}\,\Phi_{16}^{9}\,\Phi_{1}$
149940	1881	400	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{191}{400}$	$\Phi_{400}^{9}\,\Phi_{80}^{9}\,\Phi_{16}^{9}\,\Phi_{10}^{8}\,\Phi_{5}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
149941	1881	40	$\frac{1}{20}$	$\frac{1}{20}$	$\frac{7}{40}$	$\frac{19}{40}$	$\Phi_{40}^{38}\,\Phi_{20}^{56}\,\Phi_{10}^{56}\,\Phi_{8}^{38}\,\Phi_{5}^{56}\,\Phi_{4}^{56}\,\Phi_{2}^{56}\,\Phi_{1}^{57}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
149942	1881	188	$\frac{2}{47}$	$\frac{5}{94}$	$\frac{9}{47}$	$\frac{89}{188}$	$\Phi_{188}^{19}\ \Phi_{47}^{2}\ \Phi_{4}^{19}\ \Phi_{1}^{3}$
149943	1881	1764	$\frac{1}{49}$	$\frac{1}{18}$	$\frac{16}{49}$	$\frac{17}{36}$	$\Phi_{1764}^{2}\ \Phi_{588}^{2}\ \Phi_{252}^{2}\ \Phi_{196}^{2}\ \Phi_{84}^{2}\ \Phi_{49}^{2}\ \Phi_{36}^{3}\ \Phi_{28}^{2}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
149944	1881	612	$\frac{1}{34}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{612}^{2}\ \Phi_{306}^{4}\ \Phi_{204}^{2}\ \Phi_{153}^{4}\ \Phi_{102}^{4}\ \Phi_{68}^{4}\ \Phi_{51}^{4}\ \Phi_{36}\ \Phi_{34}^{5}\ \Phi_{18}^{2}\ \Phi_{17}^{5}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
149945	1881	1260	$\frac{1}{18}$	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{17}{36}$	$\Phi_{1260}^{3}\ \Phi_{420}^{3}\ \Phi_{252}^{2}\ \Phi_{180}^{3}\ \Phi_{140}^{3}\ \Phi_{84}^{2}\ \Phi_{60}^{3}\ \Phi_{36}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{2}\ \Phi_{20}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
149946	1881	1008	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{17}{36}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{168}^{2}\ \Phi_{144}^{2}\ \Phi_{126}^{2}\ \Phi_{112}^{3}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{56}^{3}\ \Phi_{48}^{2}\ \Phi_{42}^{2}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{3}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
149947	1881	1764	$\frac{1}{18}$	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{17}{36}$	$\Phi_{1764}^{2}\ \Phi_{588}^{2}\ \Phi_{252}^{2}\ \Phi_{196}^{2}\ \Phi_{84}^{2}\ \Phi_{49}^{2}\ \Phi_{36}^{3}\ \Phi_{28}^{2}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
149948	1881	180	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{17}{36}$	$\Phi_{180}^{10}\ \Phi_{90}^{12}\ \Phi_{60}^{12}\ \Phi_{45}^{12}\ \Phi_{36}^{5}\ \Phi_{30}^{14}\ \Phi_{20}^{12}\ \Phi_{18}^{6}\ \Phi_{15}^{14}\ \Phi_{12}^{6}\ \Phi_{10}^{13}\ \Phi_{9}^{6}\ \Phi_{6}^{7}\ \Phi_{5}^{13}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
149949	1881	2560	$\frac{1}{40}$	$\frac{39}{640}$	$\frac{679}{2560}$	$\frac{601}{1280}$	$\Phi_{2560}\ \Phi_{640}\ \Phi_{512}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
149950	1881	650	$\frac{23}{650}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{650}^{3}\ \Phi_{325}^{3}\ \Phi_{130}^{2}\ \Phi_{65}^{3}\ \Phi_{50}^{3}\ \Phi_{26}^{2}\ \Phi_{25}^{3}\ \Phi_{13}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
149951	1881	1960	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{183}{392}$	$\Phi_{1960}^{2}\ \Phi_{392}\ \Phi_{280}^{2}\ \Phi_{70}^{2}\ \Phi_{56}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
149952	1881	320	$\frac{1}{40}$	$\frac{11}{160}$	$\frac{39}{160}$	$\frac{149}{320}$	$\Phi_{320}^{11}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}^{11}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
149953	1881	1120	$\frac{15}{224}$	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{28}$	$\Phi_{1120}^{2}\ \Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{224}\ \Phi_{160}^{2}\ \Phi_{112}\ \Phi_{80}^{2}\ \Phi_{70}^{2}\ \Phi_{56}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{32}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
149954	1881	390	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{1}{10}$	$\frac{181}{390}$	$\Phi_{390}^{4}\ \Phi_{195}^{5}\ \Phi_{130}^{4}\ \Phi_{78}^{4}\ \Phi_{65}^{5}\ \Phi_{39}^{5}\ \Phi_{30}^{9}\ \Phi_{26}^{4}\ \Phi_{15}^{9}\ \Phi_{13}^{5}\ \Phi_{10}^{8}\ \Phi_{6}^{9}\ \Phi_{5}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
149955	1881	1160	$\frac{4}{145}$	$\frac{47}{580}$	$\frac{1}{5}$	$\frac{533}{1160}$	$\Phi_{1160}^{3}\ \Phi_{232}^{3}\ \Phi_{145}\ \Phi_{40}^{3}\ \Phi_{29}\ \Phi_{8}^{3}\ \Phi_{1}$
149956	1881	340	$\frac{1}{85}$	$\frac{1}{10}$	$\frac{28}{85}$	$\frac{9}{20}$	$\Phi_{340}^{10}\ \Phi_{85}^{2}\ \Phi_{68}^{10}\ \Phi_{20}^{11}\ \Phi_{17}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{11}\ \Phi_{1}^{3}$
149957	1881	580	$\frac{1}{58}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{580}^{2}\ \Phi_{290}^{4}\ \Phi_{145}^{4}\ \Phi_{116}^{4}\ \Phi_{58}^{5}\ \Phi_{29}^{5}\ \Phi_{20}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
149958	1881	700	$\frac{4}{175}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{700}^{5}\ \Phi_{175}\ \Phi_{140}^{5}\ \Phi_{100}^{5}\ \Phi_{35}\ \Phi_{28}^{5}\ \Phi_{25}\ \Phi_{20}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
149959	1881	340	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{11}{68}$	$\frac{9}{20}$	$\Phi_{340}^{4}\ \Phi_{170}^{6}\ \Phi_{85}^{6}\ \Phi_{68}^{7}\ \Phi_{34}^{8}\ \Phi_{20}^{5}\ \Phi_{17}^{8}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
149960	1881	340	$\frac{4}{85}$	$\frac{1}{10}$	$\frac{9}{85}$	$\frac{9}{20}$	$\Phi_{340}^{10}\ \Phi_{85}^{2}\ \Phi_{68}^{10}\ \Phi_{20}^{11}\ \Phi_{17}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{11}\ \Phi_{1}^{3}$
149961	1881	20	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{20}^{90}\ \Phi_{10}^{98}\ \Phi_{5}^{98}\ \Phi_{4}^{90}\ \Phi_{2}^{98}\ \Phi_{1}^{99}$
149962	1881	3740	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{3740}\ \Phi_{748}\ \Phi_{220}\ \Phi_{187}\ \Phi_{44}\ \Phi_{20}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
149963	1881	1890	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{20}{189}$	$\frac{169}{378}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}\ \Phi_{210}^{2}\ \Phi_{189}\ \Phi_{135}\ \Phi_{105}^{2}\ \Phi_{90}\ \Phi_{70}^{2}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{14}\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
149964	1881	235	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{26}{235}$	$\frac{21}{47}$	$\Phi_{235}^{9}\ \Phi_{47}^{4}\ \Phi_{5}^{9}\ \Phi_{1}^{5}$
149965	1881	376	$\frac{1}{94}$	$\frac{21}{188}$	$\frac{31}{94}$	$\frac{167}{376}$	$\Phi_{376}^{9}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{8}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
149966	1881	376	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{21}{188}$	$\frac{167}{376}$	$\Phi_{376}^{9}\ \Phi_{47}^{4}\ \Phi_{8}^{9}\ \Phi_{1}^{5}$
149967	1881	1120	$\frac{1}{40}$	$\frac{67}{560}$	$\frac{13}{80}$	$\frac{493}{1120}$	$\Phi_{1120}^{3}\ \Phi_{224}^{3}\ \Phi_{160}^{3}\ \Phi_{80}^{3}\ \Phi_{40}^{2}\ \Phi_{32}^{3}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
149968	1881	1120	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{67}{560}$	$\frac{493}{1120}$	$\Phi_{1120}^{3}\ \Phi_{224}^{3}\ \Phi_{160}^{3}\ \Phi_{70}^{3}\ \Phi_{35}^{3}\ \Phi_{32}^{3}\ \Phi_{14}^{3}\ \Phi_{10}^{2}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
149969	1881	624	$\frac{1}{104}$	$\frac{1}{8}$	$\frac{103}{312}$	$\frac{7}{16}$	$\Phi_{624}^{8}\ \Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{48}^{8}\ \Phi_{39}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
149970	1881	848	$\frac{3}{212}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{848}^{4}\ \Phi_{212}\ \Phi_{106}\ \Phi_{53}\ \Phi_{16}\ \Phi_{1}$
149971	1881	832	$\frac{3}{208}$	$\frac{1}{8}$	$\frac{205}{832}$	$\frac{7}{16}$	$\Phi_{832}^{3}\ \Phi_{416}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}\ \Phi_{1}$
149972	1881	1040	$\frac{1}{52}$	$\frac{1}{8}$	$\frac{51}{260}$	$\frac{7}{16}$	$\Phi_{1040}^{4}\ \Phi_{260}\ \Phi_{130}\ \Phi_{80}^{4}\ \Phi_{65}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
149973	1881	640	$\frac{13}{640}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{128}^{3}\ \Phi_{80}^{3}\ \Phi_{64}^{3}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{20}^{3}\ \Phi_{16}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{1}$
149974	1881	432	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{432}^{8}\ \Phi_{216}\ \Phi_{144}^{8}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}^{8}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
149975	1881	1872	$\frac{1}{26}$	$\frac{25}{234}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1872}^{2}\,\Phi_{624}^{2}\,\Phi_{234}\,\Phi_{144}^{2}\,\Phi_{117}\,\Phi_{78}\,\Phi_{48}^{2}\,\Phi_{39}\,\Phi_{18}\,\Phi_{16}\,\Phi_{9}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
149976	1881	2080	$\frac{9}{208}$	$\frac{199}{2080}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2080}\,\Phi_{1040}\,\Phi_{520}\,\Phi_{416}\,\Phi_{260}\,\Phi_{160}\,\Phi_{130}\,\Phi_{80}\,\Phi_{65}\,\Phi_{40}\,\Phi_{32}\,\Phi_{20}\,\Phi_{16}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
149977	1881	208	$\frac{5}{104}$	$\frac{9}{104}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{208}^{16}\,\Phi_{104}^{2}\,\Phi_{52}^{2}\,\Phi_{26}^{2}\,\Phi_{16}^{17}\,\Phi_{13}^{2}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
149978	1881	240	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{240}^{16}\,\Phi_{80}^{12}\,\Phi_{60}^{4}\,\Phi_{48}^{12}\,\Phi_{30}^{4}\,\Phi_{20}^{3}\,\Phi_{16}^{9}\,\Phi_{15}^{4}\,\Phi_{12}^{3}\,\Phi_{10}^{3}\,\Phi_{6}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
149979	1881	3536	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3536}\,\Phi_{272}\,\Phi_{221}\,\Phi_{17}\,\Phi_{16}\,\Phi_{1}$
149980	1881	224	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{224}^{9}\,\Phi_{112}^{9}\,\Phi_{56}^{9}\,\Phi_{32}^{9}\,\Phi_{28}^{9}\,\Phi_{16}\,\Phi_{14}^{9}\,\Phi_{7}^{9}\,\Phi_{1}$
149981	1881	1960	$\frac{79}{1960}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{140}$	$\Phi_{1960}\,\Phi_{980}\,\Phi_{490}\,\Phi_{392}\,\Phi_{280}\,\Phi_{245}\,\Phi_{196}\,\Phi_{98}\,\Phi_{70}\,\Phi_{56}\,\Phi_{49}\,\Phi_{40}\,\Phi_{35}\,\Phi_{14}\,\Phi_{8}\,\Phi_{7}\,\Phi_{1}$
149982	1881	2632	$\frac{1}{94}$	$\frac{93}{658}$	$\frac{751}{2632}$	$\frac{565}{1316}$	$\Phi_{2632}\,\Phi_{658}\,\Phi_{376}\,\Phi_{329}\,\Phi_{56}\,\Phi_{14}\,\Phi_{8}\,\Phi_{7}\,\Phi_{1}$
149983	1881	360	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{29}{180}$	$\frac{151}{360}$	$\Phi_{360}^{9}\,\Phi_{120}^{9}\,\Phi_{72}^{9}\,\Phi_{40}^{9}\,\Phi_{30}^{9}\,\Phi_{24}^{9}\,\Phi_{15}^{9}\,\Phi_{10}^{8}\,\Phi_{8}^{9}\,\Phi_{6}^{9}\,\Phi_{5}^{8}\,\Phi_{3}^{9}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
149984	1881	1080	$\frac{7}{216}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1080}^{2}\,\Phi_{540}^{2}\,\Phi_{360}^{2}\,\Phi_{270}^{2}\,\Phi_{216}\,\Phi_{180}^{2}\,\Phi_{135}^{2}\,\Phi_{120}^{2}\,\Phi_{108}\,\Phi_{90}^{2}\,\Phi_{72}\,\Phi_{54}\,\Phi_{45}^{2}\,\Phi_{40}^{2}\,\Phi_{36}\,\Phi_{30}^{2}\,\Phi_{27}\,\Phi_{24}\,\Phi_{18}\,\Phi_{15}^{2}\,\Phi_{10}\,\Phi_{9}\,\Phi_{8}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
149985	1881	3200	$\frac{1}{40}$	$\frac{39}{320}$	$\frac{281}{1600}$	$\frac{1319}{3200}$	$\Phi_{3200}\,\Phi_{640}\,\Phi_{320}\,\Phi_{160}\,\Phi_{128}\,\Phi_{80}\,\Phi_{64}\,\Phi_{32}\,\Phi_{16}\,\Phi_{1}$
149986	1881	800	$\frac{1}{100}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{800}^{4}\,\Phi_{160}^{4}\,\Phi_{100}^{3}\,\Phi_{50}^{3}\,\Phi_{32}^{3}\,\Phi_{25}^{3}\,\Phi_{20}^{3}\,\Phi_{10}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
149987	1881	2000	$\frac{1}{20}$	$\frac{119}{2000}$	$\frac{19}{100}$	$\frac{81}{200}$	$\Phi_{2000}\,\Phi_{1000}\,\Phi_{500}\,\Phi_{400}\,\Phi_{250}\,\Phi_{125}\,\Phi_{100}\,\Phi_{80}\,\Phi_{50}\,\Phi_{25}\,\Phi_{16}\,\Phi_{1}$
149988	1881	350	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{34}{175}$	$\frac{141}{350}$	$\Phi_{350}^{4}\,\Phi_{175}^{5}\,\Phi_{70}^{9}\,\Phi_{50}^{4}\,\Phi_{35}^{9}\,\Phi_{25}^{5}\,\Phi_{14}^{9}\,\Phi_{10}^{8}\,\Phi_{7}^{9}\,\Phi_{5}^{8}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
149989	1881	625	$\frac{4}{625}$	$\frac{1}{5}$	$\frac{207}{625}$	$\frac{2}{5}$	$\Phi_{625}^{3}\,\Phi_{125}^{3}\,\Phi_{25}^{3}\,\Phi_{5}^{4}\,\Phi_{1}^{5}$
149990	1881	175	$\frac{4}{175}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{175}^{11}\,\Phi_{35}^{11}\,\Phi_{25}^{9}\,\Phi_{7}^{11}\,\Phi_{5}^{10}\,\Phi_{1}^{11}$
149991	1881	125	$\frac{4}{125}$	$\frac{11}{125}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{125}^{15}\,\Phi_{25}^{15}\,\Phi_{5}^{16}\,\Phi_{1}^{17}$
149992	1881	640	$\frac{13}{640}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{640}^{3}\,\Phi_{320}^{3}\,\Phi_{160}^{3}\,\Phi_{128}^{3}\,\Phi_{80}^{3}\,\Phi_{64}^{2}\,\Phi_{40}^{3}\,\Phi_{32}^{3}\,\Phi_{20}^{3}\,\Phi_{16}^{3}\,\Phi_{10}^{3}\,\Phi_{8}^{2}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
149993	1881	1548	$\frac{1}{172}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1548}\,\Phi_{774}\,\Phi_{516}^{2}\,\Phi_{387}\,\Phi_{258}^{2}\,\Phi_{172}\,\Phi_{129}^{2}\,\Phi_{86}\,\Phi_{43}\,\Phi_{36}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
149994	1881	160	$\frac{1}{20}$	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{61}{160}$	$\Phi_{160}^{19}\,\Phi_{32}^{19}\,\Phi_{20}^{18}\,\Phi_{10}^{18}\,\Phi_{5}^{18}\,\Phi_{4}^{18}\,\Phi_{2}^{18}\,\Phi_{1}^{19}$
149995	1881	1680	$\frac{1}{42}$	$\frac{1}{10}$	$\frac{41}{168}$	$\frac{127}{336}$	$\Phi_{1680}^{2}\,\Phi_{560}^{2}\,\Phi_{336}\,\Phi_{240}^{2}\,\Phi_{210}^{2}\,\Phi_{112}\,\Phi_{105}^{2}\,\Phi_{80}^{2}\,\Phi_{70}^{2}\,\Phi_{48}\,\Phi_{42}\,\Phi_{35}^{2}\,\Phi_{30}^{2}\,\Phi_{21}\,\Phi_{16}\,\Phi_{15}^{2}\,\Phi_{14}\,\Phi_{10}\,\Phi_{7}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
149996	1881	688	$\frac{1}{172}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{688}^{4}\,\Phi_{172}^{3}\,\Phi_{86}^{3}\,\Phi_{43}^{3}\,\Phi_{16}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
149997	1881	632	$\frac{5}{632}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{632}^{3}\,\Phi_{316}^{3}\,\Phi_{158}^{3}\,\Phi_{79}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
149998	1881	600	$\frac{1}{100}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{600}^{4}\,\Phi_{300}^{4}\,\Phi_{150}^{4}\,\Phi_{120}^{4}\,\Phi_{100}^{3}\,\Phi_{75}^{4}\,\Phi_{60}^{4}\,\Phi_{50}^{3}\,\Phi_{30}^{4}\,\Phi_{25}^{3}\,\Phi_{24}^{3}\,\Phi_{20}^{3}\,\Phi_{15}^{4}\,\Phi_{12}^{3}\,\Phi_{10}^{3}\,\Phi_{6}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
149999	1881	528	$\frac{5}{176}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{528}^{4}\,\Phi_{264}^{4}\,\Phi_{176}^{3}\,\Phi_{132}^{4}\,\Phi_{88}^{3}\,\Phi_{66}^{4}\,\Phi_{48}^{4}\,\Phi_{44}^{3}\,\Phi_{33}^{4}\,\Phi_{22}^{3}\,\Phi_{16}^{3}\,\Phi_{12}^{3}\,\Phi_{11}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
150000	1881	520	$\frac{5}{104}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}^{4}\,\Phi_{260}^{4}\,\Phi_{130}^{4}\,\Phi_{104}^{3}\,\Phi_{65}^{4}\,\Phi_{52}^{3}\,\Phi_{26}^{3}\,\Phi_{20}^{3}\,\Phi_{13}^{3}\,\Phi_{10}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
150001	1881	300	$\frac{1}{100}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{300}^{5}\,\Phi_{150}^{5}\,\Phi_{100}^{9}\,\Phi_{75}^{5}\,\Phi_{60}^{5}\,\Phi_{50}^{9}\,\Phi_{30}^{4}\,\Phi_{25}^{9}\,\Phi_{20}^{9}\,\Phi_{15}^{5}\,\Phi_{12}^{5}\,\Phi_{10}^{8}\,\Phi_{6}^{4}\,\Phi_{5}^{8}\,\Phi_{4}^{9}\,\Phi_{3}^{5}\,\Phi_{2}^{8}\,\Phi_{1}^{9}$
150002	1881	640	$\frac{13}{640}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{640}^{3}\,\Phi_{320}^{3}\,\Phi_{160}^{3}\,\Phi_{128}^{3}\,\Phi_{80}^{3}\,\Phi_{64}^{3}\,\Phi_{40}^{3}\,\Phi_{32}^{3}\,\Phi_{16}^{3}\,\Phi_{10}^{2}\,\Phi_{8}^{3}\,\Phi_{5}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
150003	1881	320	$\frac{1}{40}$	$\frac{13}{160}$	$\frac{49}{160}$	$\frac{111}{320}$	$\Phi_{320}^{9}\,\Phi_{160}^{3}\,\Phi_{80}^{3}\,\Phi_{64}^{9}\,\Phi_{40}^{2}\,\Phi_{32}^{3}\,\Phi_{20}^{2}\,\Phi_{16}^{3}\,\Phi_{10}^{2}\,\Phi_{8}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
150004	1881	100	$\frac{1}{25}$	$\frac{1}{20}$	$\frac{8}{25}$	$\frac{17}{50}$	$\Phi_{100}^{20}\,\Phi_{50}^{17}\,\Phi_{25}^{19}\,\Phi_{20}^{19}\,\Phi_{10}^{16}\,\Phi_{5}^{18}\,\Phi_{4}^{19}\,\Phi_{2}^{16}\,\Phi_{1}^{19}$
150005	1881	516	$\frac{1}{43}$	$\frac{1}{12}$	$\frac{14}{43}$	$\frac{29}{86}$	$\Phi_{516}^{4}\,\Phi_{258}^{4}\,\Phi_{172}^{4}\,\Phi_{129}^{4}\,\Phi_{86}\,\Phi_{43}^{3}\,\Phi_{12}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
150006	1881	235	$\frac{4}{235}$	$\frac{26}{235}$	$\frac{77}{235}$	$\frac{79}{235}$	$\Phi_{235}^{8}\,\Phi_{47}^{8}\,\Phi_{5}^{8}\,\Phi_{1}^{9}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
150007	1881	944	$\frac{7}{472}$	$\frac{1}{8}$	$\frac{155}{472}$	$\frac{317}{944}$	$\Phi_{944}^{3}\ \Phi_{472}\ \Phi_{236}\ \Phi_{118}\ \Phi_{59}\ \Phi_{16}^{3}\ \Phi_{1}$
150008	1881	752	$\frac{1}{94}$	$\frac{125}{752}$	$\frac{31}{94}$	$\frac{63}{188}$	$\Phi_{752}^{3}\ \Phi_{376}^{3}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150009	1881	628	$\frac{1}{157}$	$\frac{1}{4}$	$\frac{52}{157}$	$\frac{105}{314}$	$\Phi_{628}^{4}\ \Phi_{314}\ \Phi_{157}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
150010	1881	940	$\frac{1}{235}$	$\frac{78}{235}$	$\frac{313}{940}$	$\frac{157}{470}$	$\Phi_{940}^{3}\ \Phi_{235}^{2}\ \Phi_{188}^{3}\ \Phi_{47}^{2}\ \Phi_{20}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
150011	1881	147	$\frac{1}{49}$	$\frac{2}{21}$	$\frac{16}{49}$	$\frac{1}{3}$	$\Phi_{147}^{12}\ \Phi_{49}^{14}\ \Phi_{21}^{13}\ \Phi_{7}^{15}\ \Phi_{3}^{12}\ \Phi_{1}^{15}$
150012	1881	1428	$\frac{1}{34}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1428}^{2}\ \Phi_{714}\ \Phi_{476}^{2}\ \Phi_{357}\ \Phi_{238}\ \Phi_{119}\ \Phi_{84}\ \Phi_{68}^{2}\ \Phi_{34}\ \Phi_{28}\ \Phi_{21}\ \Phi_{17}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
150013	1881	1380	$\frac{2}{69}$	$\frac{1}{10}$	$\frac{67}{276}$	$\frac{1}{3}$	$\Phi_{1380}^{2}\ \Phi_{690}\ \Phi_{460}^{2}\ \Phi_{345}\ \Phi_{276}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}\ \Phi_{69}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{23}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150014	1881	1080	$\frac{7}{216}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{270}^{2}\ \Phi_{216}\ \Phi_{180}^{2}\ \Phi_{135}^{2}\ \Phi_{120}^{2}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}^{2}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150015	1881	105	$\frac{2}{35}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{105}^{18}\ \Phi_{35}^{21}\ \Phi_{21}^{13}\ \Phi_{15}^{18}\ \Phi_{7}^{15}\ \Phi_{5}^{21}\ \Phi_{3}^{12}\ \Phi_{1}^{15}$
150016	1881	336	$\frac{1}{14}$	$\frac{2}{21}$	$\frac{13}{112}$	$\frac{1}{3}$	$\Phi_{336}^{6}\ \Phi_{168}^{6}\ \Phi_{112}^{7}\ \Phi_{84}^{6}\ \Phi_{56}^{7}\ \Phi_{48}^{6}\ \Phi_{28}^{7}\ \Phi_{24}^{6}\ \Phi_{21}\ \Phi_{16}^{7}\ \Phi_{12}^{6}\ \Phi_{8}^{7}\ \Phi_{7}\ \Phi_{4}^{7}\ \Phi_{1}$
150017	1881	147	$\frac{4}{49}$	$\frac{2}{21}$	$\frac{5}{49}$	$\frac{1}{3}$	$\Phi_{147}^{12}\ \Phi_{49}^{14}\ \Phi_{21}^{13}\ \Phi_{7}^{15}\ \Phi_{3}^{12}\ \Phi_{1}^{15}$
150018	1881	420	$\frac{1}{12}$	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{1}{3}$	$\Phi_{420}^{6}\ \Phi_{210}^{5}\ \Phi_{140}^{6}\ \Phi_{105}^{5}\ \Phi_{84}^{3}\ \Phi_{70}^{5}\ \Phi_{60}^{2}\ \Phi_{42}^{2}\ \Phi_{35}^{5}\ \Phi_{30}^{2}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{7}^{3}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150019	1881	312	$\frac{1}{104}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{103}{312}$	$\Phi_{312}^{9}\ \Phi_{156}^{9}\ \Phi_{78}^{9}\ \Phi_{39}^{9}\ \Phi_{24}^{9}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{2}\ \Phi_{3}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150020	1881	282	$\frac{1}{94}$	$\frac{21}{94}$	$\frac{73}{282}$	$\frac{31}{94}$	$\Phi_{282}^{9}\ \Phi_{141}^{9}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{6}^{9}\ \Phi_{3}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150021	1881	255	$\frac{1}{85}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{28}{85}$	$\Phi_{255}^{10}\ \Phi_{85}^{2}\ \Phi_{51}^{10}\ \Phi_{17}^{2}\ \Phi_{15}^{11}\ \Phi_{5}^{2}\ \Phi_{3}^{11}\ \Phi_{1}^{3}$
150022	1881	1323	$\frac{1}{49}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{16}{49}$	$\Phi_{1323}^{2}\ \Phi_{189}^{2}\ \Phi_{49}^{2}\ \Phi_{27}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
150023	1881	1176	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{16}{49}$	$\Phi_{1176}^{2}\ \Phi_{588}^{2}\ \Phi_{392}^{2}\ \Phi_{196}^{2}\ \Phi_{168}^{2}\ \Phi_{84}^{2}\ \Phi_{56}^{2}\ \Phi_{49}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
150024	1881	310	$\frac{7}{310}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{101}{310}$	$\Phi_{310}^{6}\ \Phi_{155}^{6}\ \Phi_{62}^{6}\ \Phi_{31}^{6}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
150025	1881	240	$\frac{1}{40}$	$\frac{31}{240}$	$\frac{9}{40}$	$\frac{13}{40}$	$\Phi_{240}^{9}\ \Phi_{120}^{9}\ \Phi_{80}^{9}\ \Phi_{60}^{9}\ \Phi_{48}^{9}\ \Phi_{40}^{2}\ \Phi_{30}^{9}\ \Phi_{24}^{9}\ \Phi_{20}^{2}\ \Phi_{16}^{9}\ \Phi_{15}^{9}\ \Phi_{12}^{9}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{9}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150026	1881	800	$\frac{1}{40}$	$\frac{27}{200}$	$\frac{173}{800}$	$\frac{13}{40}$	$\Phi_{800}^{3}\ \Phi_{400}^{3}\ \Phi_{160}^{3}\ \Phi_{80}^{3}\ \Phi_{40}^{2}\ \Phi_{32}^{3}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150027	1881	928	$\frac{25}{928}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{301}{928}$	$\Phi_{928}^{2}\ \Phi_{464}^{2}\ \Phi_{232}^{2}\ \Phi_{116}^{2}\ \Phi_{58}^{2}\ \Phi_{32}^{3}\ \Phi_{29}^{2}\ \Phi_{16}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150028	1881	725	$\frac{4}{145}$	$\frac{98}{725}$	$\frac{1}{5}$	$\frac{47}{145}$	$\Phi_{725}^{3}\ \Phi_{145}\ \Phi_{29}\ \Phi_{25}^{3}\ \Phi_{1}$
150029	1881	235	$\frac{7}{235}$	$\frac{26}{235}$	$\frac{53}{235}$	$\frac{76}{235}$	$\Phi_{235}^{8}\ \Phi_{47}^{8}\ \Phi_{5}^{8}\ \Phi_{1}^{9}$
150030	1881	270	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{61}{270}$	$\frac{29}{90}$	$\Phi_{270}^{9}\ \Phi_{135}^{9}\ \Phi_{54}^{9}\ \Phi_{30}^{9}\ \Phi_{27}^{9}\ \Phi_{15}^{9}\ \Phi_{10}^{8}\ \Phi_{6}^{9}\ \Phi_{5}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
150031	1881	112	$\frac{1}{28}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{9}{28}$	$\Phi_{112}^{16}\ \Phi_{56}^{16}\ \Phi_{28}^{18}\ \Phi_{16}^{18}\ \Phi_{14}^{18}\ \Phi_{8}^{18}\ \Phi_{7}^{18}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
150032	1881	84	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{9}{28}$	$\Phi_{84}^{24}\ \Phi_{42}^{24}\ \Phi_{28}^{18}\ \Phi_{21}^{24}\ \Phi_{14}^{18}\ \Phi_{12}^{27}\ \Phi_{7}^{18}\ \Phi_{6}^{27}\ \Phi_{4}^{20}\ \Phi_{3}^{27}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
150033	1881	280	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{9}{28}$	$\Phi_{280}^{8}\ \Phi_{140}^{8}\ \Phi_{70}^{8}\ \Phi_{40}^{9}\ \Phi_{35}^{8}\ \Phi_{28}^{2}\ \Phi_{20}^{9}\ \Phi_{14}^{2}\ \Phi_{10}^{9}\ \Phi_{7}^{2}\ \Phi_{5}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150034	1881	470	$\frac{17}{470}$	$\frac{29}{470}$	$\frac{147}{470}$	$\frac{151}{470}$	$\Phi_{470}^{4}\ \Phi_{235}^{4}\ \Phi_{94}^{4}\ \Phi_{47}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
150035	1881	516	$\frac{7}{172}$	$\frac{1}{12}$	$\frac{39}{172}$	$\frac{55}{172}$	$\Phi_{516}^{4}\ \Phi_{258}^{4}\ \Phi_{172}^{3}\ \Phi_{129}^{4}\ \Phi_{86}^{3}\ \Phi_{43}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150036	1881	611	$\frac{2}{47}$	$\frac{32}{611}$	$\frac{193}{611}$	$\frac{15}{47}$	$\Phi_{611}^{3}\ \Phi_{47}^{4}\ \Phi_{13}^{3}\ \Phi_{1}^{5}$
150037	1881	1260	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{43}{252}$	$\frac{20}{63}$	$\Phi_{1260}^{2}\ \Phi_{630}\ \Phi_{420}^{2}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}^{2}\ \Phi_{180}^{2}\ \Phi_{140}^{2}\ \Phi_{105}^{2}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}^{2}\ \Phi_{63}\ \Phi_{60}^{2}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150038	1881	470	$\frac{23}{470}$	$\frac{33}{470}$	$\frac{107}{470}$	$\frac{149}{470}$	$\Phi_{470}^{4}\ \Phi_{235}^{4}\ \Phi_{94}^{4}\ \Phi_{47}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
150039	1881	1530	$\frac{5}{102}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{97}{306}$	$\Phi_{1530}^{2}\ \Phi_{765}^{2}\ \Phi_{306}\ \Phi_{153}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
150040	1881	628	$\frac{31}{628}$	$\frac{39}{628}$	$\frac{1}{4}$	$\frac{199}{628}$	$\Phi_{628}^{3}\ \Phi_{314}^{3}\ \Phi_{157}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150041	1881	80	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{80}^{24}\ \Phi_{40}^{24}\ \Phi_{20}^{27}\ \Phi_{16}^{18}\ \Phi_{10}^{27}\ \Phi_{8}^{18}\ \Phi_{5}^{27}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
150042	1881	560	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{5}{16}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{140}^{4}\ \Phi_{80}^{4}\ \Phi_{70}^{5}\ \Phi_{40}^{4}\ \Phi_{35}^{5}\ \Phi_{20}^{4}\ \Phi_{16}^{2}\ \Phi_{10}^{5}\ \Phi_{8}^{2}\ \Phi_{5}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150043	1881	336	$\frac{1}{16}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{5}{16}$	$\Phi_{336}^{6}\ \Phi_{168}^{6}\ \Phi_{112}^{4}\ \Phi_{84}^{6}\ \Phi_{56}^{4}\ \Phi_{48}^{6}\ \Phi_{42}^{6}\ \Phi_{28}^{4}\ \Phi_{24}^{6}\ \Phi_{21}^{9}\ \Phi_{16}^{6}\ \Phi_{14}^{4}\ \Phi_{12}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
150044	1881	64	$\frac{1}{16}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{5}{16}$	$\Phi_{64}^{33}\ \Phi_{32}^{33}\ \Phi_{16}^{19}\ \Phi_{8}^{18}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
150045	1881	910	$\frac{4}{65}$	$\frac{61}{910}$	$\frac{1}{5}$	$\frac{283}{910}$	$\Phi_{910}^{2}\ \Phi_{455}^{2}\ \Phi_{182}^{2}\ \Phi_{130}^{2}\ \Phi_{91}^{2}\ \Phi_{70}^{2}\ \Phi_{65}^{3}\ \Phi_{35}^{2}\ \Phi_{26}^{2}\ \Phi_{14}^{2}\ \Phi_{13}^{3}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150046	1881	910	$\frac{61}{910}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{283}{910}$	$\Phi_{910}^{2}\ \Phi_{455}^{2}\ \Phi_{182}^{2}\ \Phi_{130}^{2}\ \Phi_{91}^{2}\ \Phi_{70}^{3}\ \Phi_{65}^{2}\ \Phi_{35}^{3}\ \Phi_{26}^{2}\ \Phi_{14}^{3}\ \Phi_{13}^{2}\ \Phi_{10}^{2}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150047	1881	235	$\frac{16}{235}$	$\frac{26}{235}$	$\frac{27}{235}$	$\frac{73}{235}$	$\Phi_{235}^{8}\ \Phi_{47}^{8}\ \Phi_{5}^{8}\ \Phi_{1}^{9}$
150048	1881	100	$\frac{1}{20}$	$\frac{7}{100}$	$\frac{23}{100}$	$\frac{31}{100}$	$\Phi_{100}^{19}\ \Phi_{50}^{19}\ \Phi_{25}^{19}\ \Phi_{20}^{18}\ \Phi_{10}^{18}\ \Phi_{5}^{18}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
150049	1881	385	$\frac{2}{35}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{17}{55}$	$\Phi_{385}^{5}\ \Phi_{77}^{5}\ \Phi_{55}^{3}\ \Phi_{35}^{7}\ \Phi_{11}^{3}\ \Phi_{7}^{7}\ \Phi_{5}^{4}\ \Phi_{1}^{5}$
150050	1881	470	$\frac{19}{470}$	$\frac{41}{470}$	$\frac{109}{470}$	$\frac{143}{470}$	$\Phi_{470}^{4}\ \Phi_{235}^{4}\ \Phi_{94}^{4}\ \Phi_{47}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
150051	1881	628	$\frac{23}{628}$	$\frac{55}{628}$	$\frac{1}{4}$	$\frac{191}{628}$	$\Phi_{628}^{3}\ \Phi_{314}^{3}\ \Phi_{157}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150052	1881	300	$\frac{1}{20}$	$\frac{9}{100}$	$\frac{19}{100}$	$\frac{91}{300}$	$\Phi_{300}^{9}\ \Phi_{150}^{9}\ \Phi_{100}\ \Phi_{75}^{9}\ \Phi_{60}^{9}\ \Phi_{50}\ \Phi_{30}^{9}\ \Phi_{25}\ \Phi_{15}^{9}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{3}^{9}\ \Phi_{1}$
150053	1881	300	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{91}{300}$	$\Phi_{300}^{9}\ \Phi_{150}^{9}\ \Phi_{75}^{9}\ \Phi_{60}^{9}\ \Phi_{30}^{9}\ \Phi_{15}^{9}\ \Phi_{12}^{9}\ \Phi_{10}^{8}\ \Phi_{6}^{9}\ \Phi_{5}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
150054	1881	40	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{40}^{57}\ \Phi_{20}^{36}\ \Phi_{10}^{38}\ \Phi_{8}^{57}\ \Phi_{5}^{38}\ \Phi_{4}^{36}\ \Phi_{2}^{38}\ \Phi_{1}^{39}$
150055	1881	47	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{9}{47}$	$\frac{14}{47}$	$\Phi_{47}^{40}\ \Phi_{1}^{41}$
150056	1881	1836	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{1836}^{2}\ \Phi_{918}\ \Phi_{459}\ \Phi_{108}\ \Phi_{68}^{2}\ \Phi_{34}\ \Phi_{27}\ \Phi_{17}\ \Phi_{4}\ \Phi_{1}$
150057	1881	945	$\frac{2}{35}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{27}$	$\Phi_{945}^{3}\ \Phi_{189}^{2}\ \Phi_{135}^{3}\ \Phi_{35}^{3}\ \Phi_{27}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
150058	1881	3024	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{112}$	$\frac{8}{27}$	$\Phi_{3024}\ \Phi_{1512}\ \Phi_{756}\ \Phi_{432}\ \Phi_{216}\ \Phi_{112}\ \Phi_{108}\ \Phi_{56}\ \Phi_{28}\ \Phi_{27}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
150059	1881	1323	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{1323}^{2}\ \Phi_{189}^{2}\ \Phi_{49}^{2}\ \Phi_{27}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
150060	1881	540	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{540}^{6}\ \Phi_{270}^{5}\ \Phi_{135}^{5}\ \Phi_{108}^{3}\ \Phi_{60}^{2}\ \Phi_{54}^{2}\ \Phi_{30}^{2}\ \Phi_{27}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150061	1881	1470	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{98}$	$\frac{85}{294}$	$\Phi_{1470}^{2}\ \Phi_{735}^{2}\ \Phi_{294}\ \Phi_{210}^{2}\ \Phi_{147}\ \Phi_{105}^{2}\ \Phi_{70}^{2}\ \Phi_{42}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
150062	1881	290	$\frac{4}{145}$	$\frac{47}{290}$	$\frac{1}{5}$	$\frac{81}{290}$	$\Phi_{290}^{6}\ \Phi_{145}^{7}\ \Phi_{58}^{6}\ \Phi_{29}^{7}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
150063	1881	700	$\frac{1}{20}$	$\frac{73}{700}$	$\frac{19}{100}$	$\frac{27}{100}$	$\Phi_{700}^{3}\ \Phi_{350}^{3}\ \Phi_{175}^{3}\ \Phi_{140}^{3}\ \Phi_{100}\ \Phi_{70}^{3}\ \Phi_{50}\ \Phi_{35}^{3}\ \Phi_{28}^{3}\ \Phi_{25}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{1}$
150064	1881	1740	$\frac{1}{58}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{1740}^{2}\ \Phi_{870}\ \Phi_{435}\ \Phi_{348}^{2}\ \Phi_{174}\ \Phi_{116}^{2}\ \Phi_{87}\ \Phi_{60}\ \Phi_{58}\ \Phi_{29}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150065	1881	525	$\frac{4}{175}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{525}^{5}\ \Phi_{175}\ \Phi_{105}^{5}\ \Phi_{75}^{5}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}^{5}\ \Phi_{15}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
150066	1881	1020	$\frac{1}{34}$	$\frac{11}{68}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1020}^{3}\ \Phi_{510}^{2}\ \Phi_{255}^{2}\ \Phi_{204}^{3}\ \Phi_{102}^{2}\ \Phi_{68}^{3}\ \Phi_{60}^{3}\ \Phi_{51}^{2}\ \Phi_{34}^{2}\ \Phi_{30}^{2}\ \Phi_{17}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150067	1881	255	$\frac{4}{85}$	$\frac{9}{85}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{255}^{10}\ \Phi_{85}^{2}\ \Phi_{51}^{10}\ \Phi_{17}^{2}\ \Phi_{15}^{11}\ \Phi_{5}^{2}\ \Phi_{3}^{11}\ \Phi_{1}^{3}$
150068	1881	60	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{60}^{45}\ \Phi_{30}^{40}\ \Phi_{20}^{9}\ \Phi_{15}^{41}\ \Phi_{12}^{45}\ \Phi_{10}^{8}\ \Phi_{6}^{40}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{3}^{41}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
150069	1881	2805	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2805}\ \Phi_{561}\ \Phi_{187}\ \Phi_{165}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}$
150070	1881	282	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{21}{94}$	$\frac{73}{282}$	$\Phi_{282}^{9}\ \Phi_{141}^{9}\ \Phi_{47}^{4}\ \Phi_{6}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{5}$
150071	1881	280	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{67}{280}$	$\frac{71}{280}$	$\Phi_{280}^{6}\ \Phi_{140}^{6}\ \Phi_{70}^{9}\ \Phi_{56}^{6}\ \Phi_{40}^{6}\ \Phi_{35}^{9}\ \Phi_{28}^{6}\ \Phi_{20}^{6}\ \Phi_{14}^{9}\ \Phi_{10}^{8}\ \Phi_{8}^{6}\ \Phi_{7}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
150072	1881	212	$\frac{3}{212}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{212}^{9}\ \Phi_{106}^{9}\ \Phi_{53}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150073	1881	832	$\frac{3}{208}$	$\frac{205}{832}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{832}^{3}\ \Phi_{416}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
150074	1881	260	$\frac{1}{52}$	$\frac{51}{260}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{260}^{9}\ \Phi_{130}^{9}\ \Phi_{65}^{9}\ \Phi_{20}^{9}\ \Phi_{10}^{9}\ \Phi_{5}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150075	1881	640	$\frac{13}{640}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{128}^{3}\ \Phi_{80}^{3}\ \Phi_{64}^{3}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150076	1881	728	$\frac{3}{104}$	$\frac{101}{728}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{728}^{3}\ \Phi_{364}^{3}\ \Phi_{182}^{3}\ \Phi_{91}^{3}\ \Phi_{56}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150077	1881	216	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{216}^{9}\ \Phi_{108}^{9}\ \Phi_{72}^{9}\ \Phi_{54}^{9}\ \Phi_{36}^{9}\ \Phi_{27}^{9}\ \Phi_{24}^{9}\ \Phi_{18}^{9}\ \Phi_{12}^{9}\ \Phi_{9}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{2}\ \Phi_{3}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150078	1881	468	$\frac{1}{26}$	$\frac{25}{234}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{468}^{4}\ \Phi_{234}^{5}\ \Phi_{156}^{4}\ \Phi_{117}^{5}\ \Phi_{78}^{5}\ \Phi_{39}^{5}\ \Phi_{36}^{4}\ \Phi_{18}^{5}\ \Phi_{12}^{4}\ \Phi_{9}^{5}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150079	1881	104	$\frac{5}{104}$	$\frac{9}{104}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{104}^{18}\ \Phi_{52}^{18}\ \Phi_{26}^{18}\ \Phi_{13}^{18}\ \Phi_{8}^{18}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
150080	1881	60	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{60}^{36}\ \Phi_{30}^{36}\ \Phi_{20}^{27}\ \Phi_{15}^{36}\ \Phi_{12}^{27}\ \Phi_{10}^{27}\ \Phi_{6}^{27}\ \Phi_{5}^{27}\ \Phi_{4}^{20}\ \Phi_{3}^{27}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
150081	1881	884	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{884}^{2}\ \Phi_{442}^{2}\ \Phi_{221}^{3}\ \Phi_{68}^{2}\ \Phi_{34}^{2}\ \Phi_{17}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150082	1881	676	$\frac{3}{52}$	$\frac{49}{676}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{676}^{3}\ \Phi_{338}^{3}\ \Phi_{169}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150083	1881	224	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{224}^{9}\ \Phi_{112}^{9}\ \Phi_{56}^{9}\ \Phi_{32}^{9}\ \Phi_{28}^{9}\ \Phi_{14}^{9}\ \Phi_{7}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150084	1881	672	$\frac{3}{56}$	$\frac{1}{12}$	$\frac{53}{224}$	$\frac{1}{4}$	$\Phi_{672}^{4}\ \Phi_{336}^{4}\ \Phi_{224}^{3}\ \Phi_{112}^{3}\ \Phi_{96}^{4}\ \Phi_{48}^{4}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150085	1881	640	$\frac{1}{20}$	$\frac{3}{32}$	$\frac{29}{128}$	$\frac{1}{4}$	$\Phi_{640}^{4}\ \Phi_{320}^{4}\ \Phi_{128}^{3}\ \Phi_{64}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150086	1881	408	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{408}^{6}\ \Phi_{204}^{2}\ \Phi_{136}^{6}\ \Phi_{102}^{4}\ \Phi_{68}^{4}\ \Phi_{51}^{4}\ \Phi_{34}^{5}\ \Phi_{24}^{3}\ \Phi_{17}^{5}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150087	1881	560	$\frac{1}{20}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{140}^{4}\ \Phi_{112}^{3}\ \Phi_{70}^{4}\ \Phi_{56}^{3}\ \Phi_{35}^{4}\ \Phi_{28}^{3}\ \Phi_{20}^{3}\ \Phi_{14}^{3}\ \Phi_{10}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150088	1881	420	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{70}$	$\frac{1}{4}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{140}^{4}\ \Phi_{105}^{6}\ \Phi_{70}^{5}\ \Phi_{60}^{6}\ \Phi_{35}^{5}\ \Phi_{30}^{6}\ \Phi_{20}^{4}\ \Phi_{15}^{6}\ \Phi_{12}^{3}\ \Phi_{10}^{5}\ \Phi_{6}^{3}\ \Phi_{5}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150089	1881	40	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{40}^{45}\ \Phi_{20}^{48}\ \Phi_{10}^{48}\ \Phi_{8}^{48}\ \Phi_{5}^{48}\ \Phi_{4}^{50}\ \Phi_{2}^{50}\ \Phi_{1}^{51}$
150090	1881	84	$\frac{1}{12}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{84}^{21}\ \Phi_{42}^{21}\ \Phi_{28}^{22}\ \Phi_{21}^{24}\ \Phi_{14}^{22}\ \Phi_{12}^{24}\ \Phi_{7}^{24}\ \Phi_{6}^{24}\ \Phi_{4}^{24}\ \Phi_{3}^{27}\ \Phi_{2}^{24}\ \Phi_{1}^{27}$
150091	1881	588	$\frac{1}{12}$	$\frac{3}{28}$	$\frac{25}{196}$	$\frac{1}{4}$	$\Phi_{588}^{4}\ \Phi_{294}^{4}\ \Phi_{196}^{3}\ \Phi_{147}^{4}\ \Phi_{98}^{3}\ \Phi_{49}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150092	1881	192	$\frac{1}{12}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{192}^{12}\ \Phi_{96}^{12}\ \Phi_{64}^{9}\ \Phi_{48}^{12}\ \Phi_{32}^{9}\ \Phi_{16}^{9}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150093	1881	2320	$\frac{4}{145}$	$\frac{439}{2320}$	$\frac{1}{5}$	$\frac{141}{580}$	$\Phi_{2320}\ \Phi_{1160}\ \Phi_{464}\ \Phi_{232}\ \Phi_{145}\ \Phi_{80}\ \Phi_{40}\ \Phi_{29}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
150094	1881	2080	$\frac{4}{65}$	$\frac{199}{2080}$	$\frac{1}{5}$	$\frac{61}{260}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{208}\ \Phi_{160}\ \Phi_{104}\ \Phi_{80}\ \Phi_{65}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
150095	1881	240	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{31}{240}$	$\frac{9}{40}$	$\Phi_{240}^{9}\ \Phi_{120}^{9}\ \Phi_{80}^{9}\ \Phi_{60}^{9}\ \Phi_{48}^{9}\ \Phi_{30}^{9}\ \Phi_{24}^{9}\ \Phi_{16}^{9}\ \Phi_{15}^{9}\ \Phi_{12}^{9}\ \Phi_{10}^{8}\ \Phi_{6}^{9}\ \Phi_{5}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
150096	1881	800	$\frac{1}{20}$	$\frac{27}{200}$	$\frac{19}{100}$	$\frac{173}{800}$	$\Phi_{800}^{3}\ \Phi_{400}^{3}\ \Phi_{160}^{3}\ \Phi_{100}\ \Phi_{80}^{3}\ \Phi_{50}\ \Phi_{32}^{3}\ \Phi_{25}\ \Phi_{16}^{3}\ \Phi_{1}$
150097	1881	210	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{210}^{11}\ \Phi_{105}^{11}\ \Phi_{70}^{8}\ \Phi_{42}^{4}\ \Phi_{35}^{8}\ \Phi_{30}^{11}\ \Phi_{21}^{7}\ \Phi_{15}^{11}\ \Phi_{14}^{3}\ \Phi_{10}^{7}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{7}\ \Phi_{3}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{5}$
150098	1881	840	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{280}^{3}\ \Phi_{168}^{2}\ \Phi_{140}^{3}\ \Phi_{120}^{3}\ \Phi_{84}^{2}\ \Phi_{60}^{3}\ \Phi_{56}^{2}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{2}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
150099	1881	336	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{336}^{6}\ \Phi_{168}^{4}\ \Phi_{112}^{7}\ \Phi_{84}^{4}\ \Phi_{56}^{5}\ \Phi_{48}^{6}\ \Phi_{42}^{6}\ \Phi_{28}^{5}\ \Phi_{24}^{5}\ \Phi_{21}^{6}\ \Phi_{16}^{7}\ \Phi_{14}^{6}\ \Phi_{12}^{5}\ \Phi_{8}^{6}\ \Phi_{7}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
150100	1881	1176	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1176}^{2}\ \Phi_{588}^{2}\ \Phi_{392}^{2}\ \Phi_{196}^{2}\ \Phi_{168}^{2}\ \Phi_{84}^{2}\ \Phi_{56}^{2}\ \Phi_{49}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
150101	1881	120	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{120}^{22}\ \Phi_{60}^{12}\ \Phi_{40}^{22}\ \Phi_{30}^{14}\ \Phi_{24}^{11}\ \Phi_{20}^{12}\ \Phi_{15}^{14}\ \Phi_{12}^{6}\ \Phi_{10}^{13}\ \Phi_{8}^{11}\ \Phi_{6}^{7}\ \Phi_{5}^{13}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
150102	1881	2275	$\frac{4}{65}$	$\frac{61}{455}$	$\frac{394}{2275}$	$\frac{1}{5}$	$\Phi_{2275}\ \Phi_{325}\ \Phi_{175}\ \Phi_{65}\ \Phi_{25}\ \Phi_{13}\ \Phi_{1}$
150103	1881	280	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{13}{70}$	$\Phi_{280}^{6}\ \Phi_{140}^{6}\ \Phi_{70}^{7}\ \Phi_{56}^{8}\ \Phi_{40}^{7}\ \Phi_{35}^{7}\ \Phi_{28}^{8}\ \Phi_{20}^{7}\ \Phi_{14}^{8}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{7}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
150104	1881	250	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{41}{250}$	$\frac{9}{50}$	$\Phi_{250}^{9}\ \Phi_{125}^{9}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
150105	1881	840	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{40}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{280}^{2}\ \Phi_{210}^{3}\ \Phi_{140}^{2}\ \Phi_{120}^{3}\ \Phi_{105}^{3}\ \Phi_{70}^{2}\ \Phi_{60}^{3}\ \Phi_{40}^{3}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{21}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
150106	1881	320	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{40}$	$\Phi_{320}^8\ \Phi_{160}^8\ \Phi_{80}^8\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
150107	1882	1878	$\frac{2}{939}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{937}{1878}$	$\Phi_{1878}^2\ \Phi_{626}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150108	1882	3768	$\frac{1}{314}$	$\frac{315}{1256}$	$\frac{1}{3}$	$\frac{313}{628}$	$\Phi_{3768}\ \Phi_{942}\ \Phi_{471}\ \Phi_{24}\ \Phi_6$
150109	1882	1672	$\frac{1}{209}$	$\frac{105}{836}$	$\frac{731}{1672}$	$\frac{104}{209}$	$\Phi_{1672}^2\ \Phi_{209}\ \Phi_{152}^2\ \Phi_{88}^2\ \Phi_{19}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
150110	1882	1254	$\frac{1}{209}$	$\frac{313}{1254}$	$\frac{105}{418}$	$\frac{104}{209}$	$\Phi_{1254}^2\ \Phi_{627}^2\ \Phi_{209}\ \Phi_{114}^2\ \Phi_{66}^2\ \Phi_{57}^2\ \Phi_{33}^2\ \Phi_{19}\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
150111	1882	1872	$\frac{5}{936}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{931}{1872}$	$\Phi_{1872}^2\ \Phi_{624}^2\ \Phi_{208}^2\ \Phi_{144}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
150112	1882	1872	$\frac{5}{936}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{931}{1872}$	$\Phi_{1872}^2\ \Phi_{624}^2\ \Phi_{208}^2\ \Phi_{144}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150113	1882	1710	$\frac{1}{171}$	$\frac{86}{855}$	$\frac{769}{1710}$	$\frac{85}{171}$	$\Phi_{1710}^2\ \Phi_{570}^2\ \Phi_{342}^2\ \Phi_{190}^2\ \Phi_{171}\ \Phi_{114}^2\ \Phi_{90}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{19}$ $\Phi_{18}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150114	1882	1870	$\frac{6}{935}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{929}{1870}$	$\Phi_{1870}^2\ \Phi_{374}^2\ \Phi_{170}^2\ \Phi_{110}^2\ \Phi_{34}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_2^2\ \Phi_1^2$
150115	1882	1782	$\frac{1}{99}$	$\frac{50}{891}$	$\frac{841}{1782}$	$\frac{49}{99}$	$\Phi_{1782}^2\ \Phi_{594}^2\ \Phi_{198}^2\ \Phi_{162}^2\ \Phi_{99}\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9$ $\Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150116	1882	1188	$\frac{1}{99}$	$\frac{50}{297}$	$\frac{247}{1188}$	$\frac{49}{99}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{99}\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{44}^2\ \Phi_{36}^2$ $\Phi_{33}\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150117	1882	1863	$\frac{19}{1863}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{922}{1863}$	$\Phi_{1863}\ \Phi_{621}\ \Phi_{207}\ \Phi_{81}\ \Phi_{69}\ \Phi_{27}^2\ \Phi_{23}\ \Phi_9\ \Phi_3\ \Phi_1^2$
150118	1882	1862	$\frac{10}{931}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{921}{1862}$	$\Phi_{1862}^2\ \Phi_{266}^2\ \Phi_{98}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{14}^2\ \Phi_2^2\ \Phi_1^2$
150119	1882	1260	$\frac{4}{315}$	$\frac{1}{9}$	$\frac{319}{1260}$	$\frac{311}{630}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{60}^2\ \Phi_{45}^2$ $\Phi_{36}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
150120	1882	1824	$\frac{1}{57}$	$\frac{29}{912}$	$\frac{883}{1824}$	$\frac{28}{57}$	$\Phi_{1824}^2\ \Phi_{608}^2\ \Phi_{96}^2\ \Phi_{57}\ \Phi_{32}^2\ \Phi_{19}\ \Phi_3\ \Phi_1^2$
150121	1882	1368	$\frac{1}{57}$	$\frac{29}{456}$	$\frac{427}{1368}$	$\frac{28}{57}$	$\Phi_{1368}^2\ \Phi_{684}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{72}^2\ \Phi_{57}\ \Phi_{36}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
150122	1882	1026	$\frac{1}{57}$	$\frac{85}{1026}$	$\frac{29}{114}$	$\frac{28}{57}$	$\Phi_{1026}^2\ \Phi_{513}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{57}\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
150123	1882	1140	$\frac{1}{57}$	$\frac{29}{228}$	$\frac{199}{1140}$	$\frac{28}{57}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{60}^2\ \Phi_{57}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{19}$ $\Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
150124	1882	1848	$\frac{17}{924}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{907}{1848}$	$\Phi_{1848}^2\ \Phi_{616}^2\ \Phi_{264}^2\ \Phi_{168}^2\ \Phi_{88}^2\ \Phi_{56}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
150125	1882	1848	$\frac{17}{924}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{907}{1848}$	$\Phi_{1848}^2\ \Phi_{616}^2\ \Phi_{264}^2\ \Phi_{168}^2\ \Phi_{88}^2\ \Phi_{56}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
150126	1882	1845	$\frac{37}{1845}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{904}{1845}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{369}\ \Phi_{205}\ \Phi_{123}\ \Phi_{45}^2\ \Phi_{41}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
150127	1882	1134	$\frac{4}{189}$	$\frac{1}{9}$	$\frac{193}{1134}$	$\frac{185}{378}$	$\Phi_{1134}^2\ \Phi_{567}^2\ \Phi_{189}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{63}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
150128	1882	1836	$\frac{23}{918}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{895}{1836}$	$\Phi_{1836}^2\ \Phi_{612}^2\ \Phi_{204}^2\ \Phi_{108}^2\ \Phi_{68}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
150129	1882	1080	$\frac{4}{135}$	$\frac{1}{9}$	$\frac{139}{1080}$	$\frac{131}{270}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2$ $\Phi_{40}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
150130	1882	1827	$\frac{55}{1827}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{886}{1827}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{261}\ \Phi_{203}\ \Phi_{87}\ \Phi_{63}^2\ \Phi_{29}\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
150131	1882	1386	$\frac{1}{33}$	$\frac{17}{462}$	$\frac{445}{1386}$	$\frac{16}{33}$	$\Phi_{1386}^2\ \Phi_{693}^2\ \Phi_{198}^2\ \Phi_{126}^2\ \Phi_{99}^2\ \Phi_{63}^2\ \Phi_{33}\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
150132	1882	990	$\frac{1}{33}$	$\frac{49}{990}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}$ $\Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
150133	1882	1155	$\frac{1}{33}$	$\frac{17}{231}$	$\frac{214}{1155}$	$\frac{16}{33}$	$\Phi_{1155}^2\ \Phi_{385}^2\ \Phi_{165}^2\ \Phi_{105}^2\ \Phi_{55}^2\ \Phi_{35}^2\ \Phi_{33}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
150134	1882	1056	$\frac{1}{33}$	$\frac{115}{1056}$	$\frac{17}{132}$	$\frac{16}{33}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{96}^2\ \Phi_{88}^2\ \Phi_{48}^2\ \Phi_{33}\ \Phi_{32}^2\ \Phi_{24}^2$ $\Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
150135	1882	1824	$\frac{29}{912}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{883}{1824}$	$\Phi_{1824}^2\ \Phi_{608}^2\ \Phi_{96}^2\ \Phi_{38}^2\ \Phi_{32}^2\ \Phi_{19}\ \Phi_2^2\ \Phi_1^2$
150136	1882	1805	$\frac{77}{1805}$	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{864}{1805}$	$\Phi_{1805}\ \Phi_{361}\ \Phi_{95}^2\ \Phi_{19}\ \Phi_5^2\ \Phi_1^2$
150137	1882	1800	$\frac{41}{900}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{859}{1800}$	$\Phi_{1800}^2\ \Phi_{600}^2\ \Phi_{360}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_8^2$ $\Phi_5^2\ \Phi_3\ \Phi_1^2$
150138	1882	1140	$\frac{9}{190}$	$\frac{1}{19}$	$\frac{199}{1140}$	$\frac{181}{380}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{285}^2\ \Phi_{228}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{60}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{30}^2$ $\Phi_{19}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
150139	1882	1064	$\frac{1}{19}$	$\frac{10}{133}$	$\frac{123}{1064}$	$\frac{9}{19}$	$\Phi_{1064}^2\ \Phi_{532}^2\ \Phi_{266}^2\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{56}^2\ \Phi_{38}^2\ \Phi_{28}^2\ \Phi_{19}\ \Phi_{14}^2\ \Phi_8^2\ \Phi_4^2$ $\Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
150140	1882	1008	$\frac{4}{63}$	$\frac{67}{1008}$	$\frac{1}{9}$	$\frac{59}{126}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
150141	1882	1764	$\frac{4}{63}$	$\frac{59}{882}$	$\frac{1}{9}$	$\frac{823}{1764}$	$\Phi_{1764}^2\ \Phi_{588}^2\ \Phi_{252}^2\ \Phi_{196}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
150142	1882	1755	$\frac{8}{135}$	$\frac{127}{1755}$	$\frac{1}{9}$	$\frac{814}{1755}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}^2\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
150143	1882	990	$\frac{49}{990}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{90}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
150144	1882	1122	$\frac{6}{187}$	$\frac{1}{11}$	$\frac{181}{1122}$	$\frac{5}{11}$	$\Phi_{1122}^2\ \Phi_{561}^2\ \Phi_{374}^2\ \Phi_{102}^2\ \Phi_{66}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
150145	1882	990	$\frac{49}{990}$	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{5}{11}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
150146	1882	1710	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{86}{855}$	$\frac{769}{1710}$	$\Phi_{1710}^2\ \Phi_{570}^2\ \Phi_{342}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{90}^2\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
150147	1882	1701	$\frac{8}{189}$	$\frac{181}{1701}$	$\frac{1}{9}$	$\frac{760}{1701}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{243}\ \Phi_{189}^2\ \Phi_{81}\ \Phi_{63}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
150148	1882	1404	$\frac{5}{468}$	$\frac{1}{9}$	$\frac{463}{1404}$	$\frac{4}{9}$	$\Phi_{1404}^2\ \Phi_{702}^2\ \Phi_{351}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
150149	1882	954	$\frac{13}{954}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{954}^2\ \Phi_{477}^2\ \Phi_{318}^2\ \Phi_{159}^2\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
150150	1882	1170	$\frac{5}{234}$	$\frac{1}{9}$	$\frac{229}{1170}$	$\frac{4}{9}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{90}^2\ \Phi_{65}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
150151	1882	972	$\frac{31}{972}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
150152	1882	1053	$\frac{5}{117}$	$\frac{112}{1053}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1053}^2\ \Phi_{351}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
150153	1882	1008	$\frac{67}{1008}$	$\frac{5}{72}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
150154	1882	972	$\frac{31}{972}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
150155	1882	1620	$\frac{4}{135}$	$\frac{1}{9}$	$\frac{131}{810}$	$\frac{679}{1620}$	$\Phi_{1620}^2\ \Phi_{540}^2\ \Phi_{324}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
150156	1882	948	$\frac{7}{948}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{948}^2\ \Phi_{474}^2\ \Phi_{316}^2\ \Phi_{237}^2\ \Phi_{158}^2\ \Phi_{79}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150157	1882	1584	$\frac{1}{99}$	$\frac{149}{792}$	$\frac{49}{198}$	$\frac{643}{1584}$	$\Phi_{1584}^2\ \Phi_{528}^2\ \Phi_{198}^2\ \Phi_{176}^2\ \Phi_{144}^2\ \Phi_{99}\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150158	1882	1575	$\frac{8}{315}$	$\frac{1}{9}$	$\frac{307}{1575}$	$\frac{634}{1575}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}^2\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}^2\ \Phi_{75}\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{25}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
150159	1882	4710	$\frac{1}{157}$	$\frac{156}{785}$	$\frac{1}{3}$	$\frac{629}{1570}$	$\Phi_{4710}\ \Phi_{942}\ \Phi_{471}\ \Phi_{30}\ \Phi_6$
150160	1882	1539	$\frac{1}{171}$	$\frac{343}{1539}$	$\frac{170}{513}$	$\frac{598}{1539}$	$\Phi_{1539}\ \Phi_{513}^2\ \Phi_{171}\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}^2\ \Phi_{19}\ \Phi_9\ \Phi_3\ \Phi_1^2$
150161	1882	968	$\frac{27}{968}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{968}^2\ \Phi_{484}^2\ \Phi_{242}^2\ \Phi_{121}^2\ \Phi_{88}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
150162	1882	988	$\frac{47}{988}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{29}{76}$	$\Phi_{988}^2\ \Phi_{494}^2\ \Phi_{247}^2\ \Phi_{52}^2\ \Phi_{38}^2\ \Phi_{26}^2\ \Phi_{19}\ \Phi_{13}^2\ \Phi_2^2\ \Phi_1^2$
150163	1882	1520	$\frac{9}{190}$	$\frac{1}{19}$	$\frac{181}{760}$	$\frac{579}{1520}$	$\Phi_{1520}^2\ \Phi_{304}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{80}^2\ \Phi_{38}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
150164	1882	1512	$\frac{4}{189}$	$\frac{1}{9}$	$\frac{185}{756}$	$\frac{571}{1512}$	$\Phi_{1512}^2\ \Phi_{504}^2\ \Phi_{216}^2\ \Phi_{189}^2\ \Phi_{168}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_9\ \Phi_8^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
150165	1882	1188	$\frac{1}{99}$	$\frac{247}{1188}$	$\frac{49}{198}$	$\frac{149}{396}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{108}^2\ \Phi_{99}\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150166	1882	1368	$\frac{1}{171}$	$\frac{85}{342}$	$\frac{427}{1368}$	$\frac{257}{684}$	$\Phi_{1368}^2\ \Phi_{456}^2\ \Phi_{342}^2\ \Phi_{171}\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{72}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{24}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150167	1882	1485	$\frac{1}{99}$	$\frac{98}{495}$	$\frac{397}{1485}$	$\frac{544}{1485}$	$\Phi_{1485}\ \Phi_{495}^2\ \Phi_{297}\ \Phi_{165}^2\ \Phi_{135}\ \Phi_{99}\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{27}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
150168	1882	1425	$\frac{18}{475}$	$\frac{1}{19}$	$\frac{457}{1425}$	$\frac{484}{1425}$	$\Phi_{1425}\ \Phi_{475}^2\ \Phi_{285}\ \Phi_{95}^2\ \Phi_{75}\ \Phi_{57}\ \Phi_{25}^2\ \Phi_{19}\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
150169	1882	1419	$\frac{10}{473}$	$\frac{1}{11}$	$\frac{463}{1419}$	$\frac{478}{1419}$	$\Phi_{1419}\ \Phi_{473}^2\ \Phi_{129}\ \Phi_{43}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
150170	1882	1413	$\frac{2}{471}$	$\frac{469}{1413}$	$\frac{1}{3}$	$\frac{472}{1413}$	$\Phi_{1413}\ \Phi_{471}^2\ \Phi_{157}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
150171	1882	1404	$\frac{5}{468}$	$\frac{1}{6}$	$\frac{463}{1404}$	$\frac{1}{3}$	$\Phi_{1404}^2\ \Phi_{702}^2\ \Phi_{351}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150172	1882	954	$\frac{13}{954}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{954}^2\ \Phi_{477}^2\ \Phi_{318}^2\ \Phi_{159}^2\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150173	1882	1248	$\frac{5}{312}$	$\frac{1}{6}$	$\frac{307}{1248}$	$\frac{1}{3}$	$\Phi_{1248}^2\ \Phi_{624}^2\ \Phi_{416}^2\ \Phi_{208}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150174	1882	960	$\frac{19}{960}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2$ $\Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150175	1882	1170	$\frac{5}{234}$	$\frac{1}{6}$	$\frac{229}{1170}$	$\frac{1}{3}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{90}^2\ \Phi_{65}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$ $\Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150176	1882	972	$\frac{31}{972}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2$ Φ_1^2
150177	1882	1092	$\frac{5}{156}$	$\frac{151}{1092}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2$ $\Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150178	1882	1014	$\frac{5}{78}$	$\frac{73}{1014}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1014}^2\ \Phi_{507}^2\ \Phi_{338}^2\ \Phi_{169}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150179	1882	1008	$\frac{67}{1008}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{56}^2$ $\Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150180	1882	1215	$\frac{4}{135}$	$\frac{1}{9}$	$\frac{274}{1215}$	$\frac{131}{405}$	$\Phi_{1215}^2\ \Phi_{243}^2\ \Phi_{135}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
150181	1882	1386	$\frac{17}{462}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{445}{1386}$	$\Phi_{1386}^2\ \Phi_{693}^2\ \Phi_{198}^2\ \Phi_{126}^2\ \Phi_{99}^2\ \Phi_{63}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
150182	1882	1134	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{193}{1134}$	$\frac{181}{567}$	$\Phi_{1134}^2\ \Phi_{567}\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{162}^2\ \Phi_{126}^2\ \Phi_{81}\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{27}^2$ $\Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150183	1882	1377	$\frac{23}{459}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{436}{1377}$	$\Phi_{1377}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
150184	1882	1368	$\frac{1}{19}$	$\frac{29}{456}$	$\frac{9}{38}$	$\frac{427}{1368}$	$\Phi_{1368}^2\ \Phi_{684}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{72}^2\ \Phi_{38}^2\ \Phi_{36}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
150185	1882	1350	$\frac{4}{45}$	$\frac{41}{450}$	$\frac{1}{9}$	$\frac{409}{1350}$	$\Phi_{1350}^2\ \Phi_{675}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
150186	1882	1140	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{199}{1140}$	$\frac{86}{285}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{228}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{60}^2\ \Phi_{38}^2\ \Phi_{30}^2$ $\Phi_{20}^2\ \Phi_{19}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
150187	1882	1242	$\frac{19}{621}$	$\frac{1}{9}$	$\frac{301}{1242}$	$\frac{8}{27}$	$\Phi_{1242}^2\ \Phi_{621}\ \Phi_{414}^2\ \Phi_{207}\ \Phi_{138}^2\ \Phi_{69}\ \Phi_{54}^2\ \Phi_{46}^2\ \Phi_{27}^2\ \Phi_{23}\ \Phi_{18}^2$ $\Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150188	1882	972	$\frac{31}{972}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2$ $\Phi_{12}^2\ \Phi_9\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150189	1882	1323	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{59}{441}$	$\frac{382}{1323}$	$\Phi_{1323}^2\ \Phi_{189}^2\ \Phi_{63}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
150190	1882	990	$\frac{49}{990}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{30}^2$ $\Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
150191	1882	1026	$\frac{1}{19}$	$\frac{85}{1026}$	$\frac{9}{38}$	$\frac{29}{114}$	$\Phi_{1026}^2\ \Phi_{513}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{54}^2\ \Phi_{38}^2\ \Phi_{27}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_2^2\ \Phi_1^2$
150192	1882	1216	$\frac{1}{19}$	$\frac{29}{304}$	$\frac{275}{1216}$	$\frac{9}{38}$	$\Phi_{1216}^2\ \Phi_{608}^2\ \Phi_{64}^2\ \Phi_{38}^2\ \Phi_{32}^2\ \Phi_{19}\ \Phi_2^2\ \Phi_1^2$
150193	1882	1064	$\frac{1}{19}$	$\frac{123}{1064}$	$\frac{29}{152}$	$\frac{9}{38}$	$\Phi_{1064}^2\ \Phi_{532}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{56}^2\ \Phi_{38}^2\ \Phi_{28}^2\ \Phi_{19}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_2^2\ \Phi_1^2$
150194	1882	1140	$\frac{1}{19}$	$\frac{29}{228}$	$\frac{199}{1140}$	$\frac{9}{38}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{60}^2\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{19}$ $\Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
150195	1882	1232	$\frac{17}{308}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{291}{1232}$	$\Phi_{1232}^2\ \Phi_{616}^2\ \Phi_{176}^2\ \Phi_{112}^2\ \Phi_{88}^2\ \Phi_{56}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
150196	1882	1080	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{139}{1080}$	$\frac{41}{180}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{45}^2$ $\Phi_{40}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
150197	1882	1056	$\frac{1}{11}$	$\frac{115}{1056}$	$\frac{17}{132}$	$\frac{5}{22}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{96}^2\ \Phi_{88}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{22}^2$ $\Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
150198	1882	1078	$\frac{1}{11}$	$\frac{17}{154}$	$\frac{137}{1078}$	$\frac{5}{22}$	$\Phi_{1078}^2\ \Phi_{539}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
150199	1882	1125	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{184}{1125}$	$\frac{41}{225}$	$\Phi_{1125}^2\ \Phi_{375}^2\ \Phi_{125}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
150200	1883	1608	$\frac{1}{268}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{267}{536}$	$\Phi_{1608}^2\ \Phi_{536}^3\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
150201	1883	4824	$\frac{1}{268}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{267}{536}$	$\Phi_{4824}\ \Phi_{536}\ \Phi_{72}\ \Phi_9\ \Phi_8\ \Phi_1$
150202	1883	2136	$\frac{2}{267}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{265}{534}$	$\Phi_{2136}\ \Phi_{1068}\ \Phi_{712}\ \Phi_{356}\ \Phi_{267}\ \Phi_{89}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3$ Φ_1

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
150203	1883	360	$\frac{1}{90}$	$\frac{1}{8}$	$\frac{91}{360}$	$\frac{89}{180}$	$\Phi_{360}^5\ \Phi_{180}^6\ \Phi_{120}^5\ \Phi_{90}^5\ \Phi_{72}^5\ \Phi_{60}^6\ \Phi_{45}^5\ \Phi_{40}^5\ \Phi_{36}^6\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^6\ \Phi_{18}^5\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_9^5\ \Phi_8^4\ \Phi_6^5\ \Phi_5^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
150204	1883	2120	$\frac{4}{265}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{261}{530}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{424}\ \Phi_{265}\ \Phi_{212}\ \Phi_{53}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
150205	1883	648	$\frac{1}{54}$	$\frac{1}{8}$	$\frac{55}{324}$	$\frac{53}{108}$	$\Phi_{648}^4\ \Phi_{324}^3\ \Phi_{216}^2\ \Phi_{162}^3\ \Phi_{108}^2\ \Phi_{81}^3\ \Phi_{72}^2\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
150206	1883	528	$\frac{5}{264}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{259}{528}$	$\Phi_{528}^7\ \Phi_{176}^7\ \Phi_{48}^7\ \Phi_{24}^2\ \Phi_{16}^7\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
150207	1883	2088	$\frac{8}{261}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{253}{522}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{348}\ \Phi_{261}\ \Phi_{232}\ \Phi_{116}\ \Phi_{87}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{29}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
150208	1883	600	$\frac{1}{30}$	$\frac{31}{300}$	$\frac{1}{8}$	$\frac{29}{60}$	$\Phi_{600}^4\ \Phi_{300}^3\ \Phi_{200}^4\ \Phi_{150}^3\ \Phi_{120}^2\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^2\ \Phi_{50}^3\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{25}^3\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
150209	1883	520	$\frac{9}{260}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{251}{520}$	$\Phi_{520}^3\ \Phi_{260}^4\ \Phi_{130}^4\ \Phi_{104}^3\ \Phi_{65}^4\ \Phi_{52}^4\ \Phi_{40}^5\ \Phi_{26}^4\ \Phi_{20}^6\ \Phi_{13}^4\ \Phi_{10}^5\ \Phi_8^4\ \Phi_5^5\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
150210	1883	2040	$\frac{14}{255}$	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{241}{510}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}^2\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}^2\ \Phi_{51}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
150211	1883	288	$\frac{1}{18}$	$\frac{19}{288}$	$\frac{1}{8}$	$\frac{17}{36}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}^7\ \Phi_{72}^5\ \Phi_{48}^7\ \Phi_{36}^6\ \Phi_{32}^7\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{16}^7\ \Phi_{12}^6\ \Phi_9^5\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
150212	1883	504	$\frac{1}{18}$	$\frac{17}{252}$	$\frac{1}{8}$	$\frac{235}{504}$	$\Phi_{504}^3\ \Phi_{252}^4\ \Phi_{168}^3\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{72}^5\ \Phi_{63}^4\ \Phi_{56}^3\ \Phi_{42}^4\ \Phi_{36}^6\ \Phi_{28}^4\ \Phi_{24}^5\ \Phi_{21}^4\ \Phi_{18}^5\ \Phi_{14}^4\ \Phi_{12}^6\ \Phi_9^5\ \Phi_8^4\ \Phi_7^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
150213	1883	273	$\frac{4}{273}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{273}^7\ \Phi_{91}^7\ \Phi_{39}^6\ \Phi_{21}^7\ \Phi_{13}^7\ \Phi_7^7\ \Phi_3^5\ \Phi_1^7$
150214	1883	280	$\frac{11}{280}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{280}^7\ \Phi_{140}^7\ \Phi_{70}^7\ \Phi_{56}^7\ \Phi_{40}^5\ \Phi_{35}^7\ \Phi_{28}^7\ \Phi_{20}^6\ \Phi_{14}^7\ \Phi_{10}^5\ \Phi_8^4\ \Phi_7^7\ \Phi_5^5\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
150215	1883	1944	$\frac{1}{27}$	$\frac{26}{243}$	$\frac{1}{8}$	$\frac{217}{486}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}^2\ \Phi_{108}^2\ \Phi_{81}\ \Phi_{72}^2\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
150216	1883	480	$\frac{1}{30}$	$\frac{29}{240}$	$\frac{1}{8}$	$\frac{211}{480}$	$\Phi_{480}^7\ \Phi_{160}^7\ \Phi_{120}^2\ \Phi_{96}^7\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{32}^7\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
150217	1883	804	$\frac{1}{134}$	$\frac{1}{6}$	$\frac{133}{402}$	$\frac{5}{12}$	$\Phi_{804}^4\ \Phi_{402}\ \Phi_{268}^4\ \Phi_{201}\ \Phi_{12}^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
150218	1883	816	$\frac{3}{272}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^3\ \Phi_{204}^2\ \Phi_{136}^3\ \Phi_{102}^2\ \Phi_{68}^3\ \Phi_{51}^2\ \Phi_{48}^2\ \Phi_{34}^3\ \Phi_{24}^2\ \Phi_{17}^3\ \Phi_{16}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
150219	1883	4020	$\frac{1}{67}$	$\frac{1}{6}$	$\frac{66}{335}$	$\frac{5}{12}$	$\Phi_{4020}\ \Phi_{1340}\ \Phi_{335}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
150220	1883	552	$\frac{7}{276}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{552}^4\ \Phi_{276}^3\ \Phi_{184}^4\ \Phi_{138}^3\ \Phi_{92}^3\ \Phi_{69}^3\ \Phi_{46}^3\ \Phi_{24}^2\ \Phi_{23}^3\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
150221	1883	1800	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{44}{225}$	$\frac{181}{450}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{360}^2\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{100}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
150222	1883	432	$\frac{1}{54}$	$\frac{1}{8}$	$\frac{53}{216}$	$\frac{163}{432}$	$\Phi_{432}^7\ \Phi_{216}^2\ \Phi_{144}^7\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}\ \Phi_{48}^7\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{16}^7\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
150223	1883	1206	$\frac{1}{134}$	$\frac{2}{9}$	$\frac{133}{402}$	$\frac{1}{3}$	$\Phi_{1206}^2\ \Phi_{603}^2\ \Phi_{402}\ \Phi_{201}\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
150224	1883	2448	$\frac{3}{272}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{272}\ \Phi_{153}\ \Phi_{144}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
150225	1883	3015	$\frac{1}{67}$	$\frac{66}{335}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{3015}\ \Phi_{335}\ \Phi_{45}\ \Phi_9\ \Phi_5\ \Phi_1$
150226	1883	648	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{55}{324}$	$\frac{26}{81}$	$\Phi_{648}^3\ \Phi_{324}^2\ \Phi_{216}^4\ \Phi_{162}^2\ \Phi_{108}^3\ \Phi_{81}^3\ \Phi_{72}^4\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{24}^4\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^3\ \Phi_1^3$
150227	1883	792	$\frac{5}{132}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{127}{396}$	$\Phi_{792}^4\ \Phi_{396}^3\ \Phi_{198}^3\ \Phi_{99}^3\ \Phi_{72}^4\ \Phi_{36}^3\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
150228	1883	1560	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{121}{390}$	$\Phi_{1560}^2\ \Phi_{780}^2\ \Phi_{390}\ \Phi_{312}^2\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{120}^2\ \Phi_{78}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{39}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
150229	1883	1512	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{17}{126}$	$\frac{109}{378}$	$\Phi_{1512}^2\ \Phi_{756}^2\ \Phi_{378}\ \Phi_{216}^2\ \Phi_{189}\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
150230	1883	360	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{29}{120}$	$\frac{91}{360}$	$\Phi_{360}^7\ \Phi_{180}^7\ \Phi_{120}^2\ \Phi_{90}^7\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^7\ \Phi_{40}^2\ \Phi_{36}^7\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^7\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9^7\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
150231	1883	288	$\frac{19}{288}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{288}^{7}\ \Phi_{144}^{7}\ \Phi_{96}^{7}\ \Phi_{72}^{7}\ \Phi_{48}^{7}\ \Phi_{36}^{7}\ \Phi_{32}^{7}\ \Phi_{24}^{2}\ \Phi_{18}^{7}\ \Phi_{16}^{7}\ \Phi_{12}^{2}\ \Phi_{9}^{7}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150232	1883	1320	$\frac{5}{66}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{61}{330}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{440}^{2}\ \Phi_{330}\ \Phi_{220}^{2}\ \Phi_{165}\ \Phi_{120}^{2}\ \Phi_{110}\ \Phi_{60}^{2}\ \Phi_{55}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150233	1884	2820	$\frac{1}{470}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{469}{940}$	$\Phi_{2820}\ \Phi_{940}^{2}\ \Phi_{564}\ \Phi_{188}^{2}\ \Phi_{60}\ \Phi_{20}^{2}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
150234	1884	1565	$\frac{1}{313}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{156}{313}$	$\Phi_{1565}\ \Phi_{313}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
150235	1884	3756	$\frac{1}{313}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{156}{313}$	$\Phi_{3756}\ \Phi_{1878}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
150236	1884	269	$\frac{1}{269}$	$\frac{45}{269}$	$\frac{112}{269}$	$\frac{134}{269}$	$\Phi_{269}^{7}\ \Phi_{1}^{8}$
150237	1884	938	$\frac{2}{469}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{467}{938}$	$\Phi_{938}^{4}\ \Phi_{134}^{4}\ \Phi_{14}^{4}\ \Phi_{7}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
150238	1884	2516	$\frac{3}{629}$	$\frac{1}{4}$	$\frac{158}{629}$	$\frac{313}{629}$	$\Phi_{2516}\ \Phi_{1258}\ \Phi_{148}\ \Phi_{74}\ \Phi_{68}\ \Phi_{34}$
150239	1884	1883	$\frac{9}{1883}$	$\frac{470}{1883}$	$\frac{473}{1883}$	$\frac{937}{1883}$	$\Phi_{1883}\ \Phi_{269}\ \Phi_{7}\ \Phi_{1}^{2}$
150240	1884	2829	$\frac{5}{943}$	$\frac{158}{943}$	$\frac{1}{3}$	$\frac{469}{943}$	$\Phi_{2829}\ \Phi_{123}\ \Phi_{69}$
150241	1884	3432	$\frac{1}{156}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{155}{312}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}^{2}\ \Phi_{264}\ \Phi_{104}^{2}\ \Phi_{88}\ \Phi_{24}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
150242	1884	2184	$\frac{1}{156}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{155}{312}$	$\Phi_{2184}^{2}\ \Phi_{728}^{2}\ \Phi_{168}^{2}\ \Phi_{56}^{2}\ \Phi_{21}$
150243	1884	3432	$\frac{1}{156}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{155}{312}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}^{2}\ \Phi_{264}\ \Phi_{104}^{2}\ \Phi_{88}\ \Phi_{24}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
150244	1884	1560	$\frac{1}{156}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{155}{312}$	$\Phi_{1560}^{3}\ \Phi_{520}^{3}\ \Phi_{120}^{3}\ \Phi_{40}^{3}\ \Phi_{20}\ \Phi_{10}$
150245	1884	623	$\frac{5}{623}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{309}{623}$	$\Phi_{623}^{3}\ \Phi_{89}^{3}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
150246	1884	210	$\frac{1}{105}$	$\frac{1}{7}$	$\frac{53}{210}$	$\frac{52}{105}$	$\Phi_{210}^{12}\ \Phi_{105}^{6}\ \Phi_{70}^{12}\ \Phi_{42}^{12}\ \Phi_{35}^{6}\ \Phi_{30}^{12}\ \Phi_{21}^{6}\ \Phi_{15}^{6}\ \Phi_{14}^{12}\ \Phi_{10}^{12}\ \Phi_{7}^{5}\ \Phi_{6}^{12}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{6}$
150247	1884	538	$\frac{3}{269}$	$\frac{67}{538}$	$\frac{68}{269}$	$\frac{133}{269}$	$\Phi_{538}^{4}\ \Phi_{269}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
150248	1884	2170	$\frac{2}{155}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{153}{310}$	$\Phi_{2170}^{2}\ \Phi_{434}^{2}\ \Phi_{70}^{2}\ \Phi_{35}\ \Phi_{14}^{2}$
150249	1884	4640	$\frac{7}{464}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{457}{928}$	$\Phi_{4640}\ \Phi_{160}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
150250	1884	1855	$\frac{29}{1855}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{913}{1855}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{265}\ \Phi_{53}\ \Phi_{35}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
150251	1884	189	$\frac{1}{63}$	$\frac{1}{7}$	$\frac{32}{189}$	$\frac{31}{63}$	$\Phi_{189}^{12}\ \Phi_{63}^{6}\ \Phi_{27}^{12}\ \Phi_{21}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
150252	1884	308	$\frac{3}{154}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{151}{308}$	$\Phi_{308}^{12}\ \Phi_{44}^{12}\ \Phi_{28}^{12}\ \Phi_{7}^{5}\ \Phi_{4}^{12}\ \Phi_{1}^{6}$
150253	1884	1260	$\frac{1}{45}$	$\frac{23}{180}$	$\frac{1}{7}$	$\frac{22}{45}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{420}^{2}\ \Phi_{315}\ \Phi_{252}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{126}^{2}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{63}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{14}^{2}$
150254	1884	2760	$\frac{11}{460}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{449}{920}$	$\Phi_{2760}^{2}\ \Phi_{552}^{2}\ \Phi_{120}^{2}\ \Phi_{69}\ \Phi_{24}^{2}$
150255	1884	492	$\frac{1}{41}$	$\frac{7}{164}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{492}^{6}\ \Phi_{246}^{6}\ \Phi_{123}^{5}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{4}$
150256	1884	612	$\frac{4}{153}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{149}{306}$	$\Phi_{612}^{4}\ \Phi_{204}^{4}\ \Phi_{153}^{4}\ \Phi_{68}^{5}\ \Phi_{51}^{4}\ \Phi_{36}^{4}\ \Phi_{34}\ \Phi_{17}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
150257	1884	2142	$\frac{4}{153}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{149}{306}$	$\Phi_{2142}^{2}\ \Phi_{714}^{2}\ \Phi_{238}^{2}\ \Phi_{126}^{2}\ \Phi_{63}\ \Phi_{42}^{2}\ \Phi_{21}\ \Phi_{14}^{2}$
150258	1884	1332	$\frac{1}{37}$	$\frac{19}{333}$	$\frac{1}{4}$	$\frac{18}{37}$	$\Phi_{1332}^{2}\ \Phi_{666}^{2}\ \Phi_{444}^{2}\ \Phi_{222}^{2}\ \Phi_{148}\ \Phi_{74}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
150259	1884	175	$\frac{1}{35}$	$\frac{18}{175}$	$\frac{1}{7}$	$\frac{17}{35}$	$\Phi_{175}^{12}\ \Phi_{35}^{6}\ \Phi_{25}^{12}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
150260	1884	609	$\frac{19}{609}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{295}{609}$	$\Phi_{609}^{3}\ \Phi_{203}^{3}\ \Phi_{87}^{3}\ \Phi_{29}^{3}\ \Phi_{21}^{6}\ \Phi_{7}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
150261	1884	910	$\frac{16}{455}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{439}{910}$	$\Phi_{910}^{4}\ \Phi_{182}^{4}\ \Phi_{130}^{4}\ \Phi_{70}^{4}\ \Phi_{35}^{2}\ \Phi_{26}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
150262	1884	483	$\frac{4}{161}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{483}^{6}\ \Phi_{69}^{5}\ \Phi_{21}^{6}\ \Phi_{3}^{4}$
150263	1884	2706	$\frac{1}{41}$	$\frac{20}{451}$	$\frac{1}{3}$	$\frac{431}{902}$	$\Phi_{2706}^{2}\ \Phi_{246}^{2}\ \Phi_{123}\ \Phi_{66}^{2}\ \Phi_{6}^{2}$
150264	1884	2100	$\frac{7}{150}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{143}{300}$	$\Phi_{2100}^{2}\ \Phi_{700}^{2}\ \Phi_{420}^{2}\ \Phi_{140}^{2}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{21}$
150265	1884	168	$\frac{1}{21}$	$\frac{11}{168}$	$\frac{1}{7}$	$\frac{10}{21}$	$\Phi_{168}^{12}\ \Phi_{84}^{12}\ \Phi_{56}^{12}\ \Phi_{42}^{12}\ \Phi_{28}^{12}\ \Phi_{24}^{12}\ \Phi_{21}^{6}\ \Phi_{14}^{12}\ \Phi_{12}^{12}\ \Phi_{8}^{12}\ \Phi_{7}^{5}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{6}$
150266	1884	595	$\frac{33}{595}$	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{281}{595}$	$\Phi_{595}^{3}\ \Phi_{119}^{3}\ \Phi_{85}^{3}\ \Phi_{35}^{6}\ \Phi_{17}^{3}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
150267	1884	1292	$\frac{9}{323}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{1292}^{2}\ \Phi_{646}^{2}\ \Phi_{76}^{2}\ \Phi_{68}\ \Phi_{38}^{2}\ \Phi_{34}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
150268	1884	296	$\frac{1}{37}$	$\frac{9}{148}$	$\frac{1}{4}$	$\frac{139}{296}$	$\Phi_{296}^{12}\ \Phi_{148}\ \Phi_{74}\ \Phi_{8}^{12}$
150269	1884	1155	$\frac{8}{165}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{1155}^{2}\ \Phi_{385}^{2}\ \Phi_{231}^{2}\ \Phi_{105}\ \Phi_{77}^{2}\ \Phi_{35}\ \Phi_{21}$
150270	1884	294	$\frac{1}{21}$	$\frac{10}{147}$	$\frac{1}{7}$	$\frac{137}{294}$	$\Phi_{294}^{12}\ \Phi_{98}^{12}\ \Phi_{42}^{12}\ \Phi_{21}^{6}\ \Phi_{14}^{12}\ \Phi_{7}^{5}\ \Phi_{6}^{12}\ \Phi_{3}^{6}\ \Phi_{2}^{12}\ \Phi_{1}^{6}$
150271	1884	490	$\frac{19}{490}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{490}^{4}\ \Phi_{245}^{4}\ \Phi_{98}^{4}\ \Phi_{70}^{4}\ \Phi_{49}^{4}\ \Phi_{35}^{2}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
150272	1884	1749	$\frac{2}{159}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{1749}\ \Phi_{583}\ \Phi_{159}^{2}\ \Phi_{53}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
150273	1884	2574	$\frac{1}{78}$	$\frac{1}{11}$	$\frac{77}{234}$	$\frac{5}{11}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{234}^{2}\ \Phi_{198}\ \Phi_{117}^{2}\ \Phi_{99}\ \Phi_{18}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
150274	1884	1760	$\frac{3}{160}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}^{2}\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}^{2}\ \Phi_{55}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
150275	1884	2288	$\frac{1}{52}$	$\frac{1}{11}$	$\frac{51}{208}$	$\frac{5}{11}$	$\Phi_{2288}\ \Phi_{1144}\ \Phi_{208}^{2}\ \Phi_{176}\ \Phi_{104}^{2}\ \Phi_{88}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
150276	1884	2145	$\frac{1}{39}$	$\frac{1}{11}$	$\frac{38}{195}$	$\frac{5}{11}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{195}^{2}\ \Phi_{165}\ \Phi_{65}^{2}\ \Phi_{55}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
150277	1884	1782	$\frac{5}{162}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{162}^{2}\ \Phi_{99}\ \Phi_{81}^{2}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
150278	1884	2002	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{25}{182}$	$\frac{5}{11}$	$\Phi_{2002}\ \Phi_{1001}\ \Phi_{182}^{2}\ \Phi_{154}\ \Phi_{91}^{2}\ \Phi_{77}\ \Phi_{14}^{2}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
150279	1884	1848	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}^{2}\ \Phi_{154}\ \Phi_{88}\ \Phi_{84}^{2}\ \Phi_{77}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
150280	1884	1859	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{1859}\ \Phi_{169}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
150281	1884	567	$\frac{2}{63}$	$\frac{61}{567}$	$\frac{1}{7}$	$\frac{253}{567}$	$\Phi_{567}^{3}\ \Phi_{189}^{3}\ \Phi_{81}^{3}\ \Phi_{63}^{6}\ \Phi_{27}^{3}\ \Phi_{21}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
150282	1884	1134	$\frac{5}{162}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{1134}^{2}\ \Phi_{567}^{2}\ \Phi_{378}^{2}\ \Phi_{189}^{2}\ \Phi_{126}^{2}\ \Phi_{63}\ \Phi_{42}^{2}\ \Phi_{21}\ \Phi_{14}^{2}$
150283	1884	280	$\frac{1}{35}$	$\frac{17}{140}$	$\frac{1}{7}$	$\frac{123}{280}$	$\Phi_{280}^{12}\ \Phi_{56}^{12}\ \Phi_{40}^{12}\ \Phi_{35}^{6}\ \Phi_{8}^{12}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
150284	1884	160	$\frac{3}{160}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{160}^{12}\ \Phi_{80}^{11}\ \Phi_{40}^{12}\ \Phi_{32}^{12}\ \Phi_{20}^{12}\ \Phi_{16}^{12}\ \Phi_{10}^{12}\ \Phi_{8}^{12}\ \Phi_{5}^{11}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
150285	1884	4130	$\frac{1}{59}$	$\frac{58}{413}$	$\frac{1}{5}$	$\frac{355}{826}$	$\Phi_{4130}\ \Phi_{590}\ \Phi_{295}\ \Phi_{70}\ \Phi_{10}$
150286	1884	469	$\frac{4}{469}$	$\frac{1}{7}$	$\frac{155}{469}$	$\frac{3}{7}$	$\Phi_{469}^{4}\ \Phi_{67}^{4}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
150287	1884	476	$\frac{5}{476}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{476}^{4}\ \Phi_{238}^{4}\ \Phi_{119}^{4}\ \Phi_{68}^{4}\ \Phi_{34}^{4}\ \Phi_{28}^{4}\ \Phi_{17}^{4}\ \Phi_{14}^{4}\ \Phi_{7}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
150288	1884	161	$\frac{4}{161}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{161}^{12}\ \Phi_{23}^{12}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
150289	1884	1890	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{22}{135}$	$\frac{113}{270}$	$\Phi_{1890}^{2}\ \Phi_{630}^{2}\ \Phi_{378}^{2}\ \Phi_{315}\ \Phi_{210}^{2}\ \Phi_{126}^{2}\ \Phi_{105}\ \Phi_{70}^{2}\ \Phi_{63}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}^{2}$
150290	1884	269	$\frac{2}{269}$	$\frac{45}{269}$	$\frac{89}{269}$	$\frac{112}{269}$	$\Phi_{269}^{7}\ \Phi_{1}^{8}$
150291	1884	525	$\frac{2}{105}$	$\frac{1}{7}$	$\frac{103}{525}$	$\frac{211}{525}$	$\Phi_{525}^{3}\ \Phi_{175}^{3}\ \Phi_{105}^{6}\ \Phi_{75}^{3}\ \Phi_{35}^{6}\ \Phi_{25}^{3}\ \Phi_{21}^{6}\ \Phi_{15}^{6}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
150292	1884	2370	$\frac{1}{158}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{2370}\ \Phi_{1185}\ \Phi_{474}^{2}\ \Phi_{237}^{2}\ \Phi_{30}\ \Phi_{6}^{2}$
150293	1884	1120	$\frac{3}{160}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1120}^{2}\ \Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{224}^{2}\ \Phi_{140}^{2}\ \Phi_{112}^{2}\ \Phi_{70}^{2}\ \Phi_{56}^{2}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
150294	1884	2054	$\frac{1}{158}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{2054}\ \Phi_{1027}\ \Phi_{26}$
150295	1884	252	$\frac{1}{63}$	$\frac{1}{7}$	$\frac{31}{126}$	$\frac{95}{252}$	$\Phi_{252}^{12}\ \Phi_{84}^{12}\ \Phi_{63}^{6}\ \Phi_{36}^{12}\ \Phi_{28}^{12}\ \Phi_{21}^{6}\ \Phi_{12}^{12}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{4}^{12}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
150296	1884	1180	$\frac{1}{118}$	$\frac{1}{5}$	$\frac{39}{118}$	$\frac{79}{236}$	$\Phi_{1180}^{3}\ \Phi_{590}\ \Phi_{295}\ \Phi_{20}^{3}\ \Phi_{10}$
150297	1884	1883	$\frac{8}{1883}$	$\frac{625}{1883}$	$\frac{627}{1883}$	$\frac{629}{1883}$	$\Phi_{1883}\ \Phi_{269}\ \Phi_{7}\ \Phi_{1}^{2}$
150298	1884	2829	$\frac{4}{943}$	$\frac{313}{943}$	$\frac{1}{3}$	$\frac{315}{943}$	$\Phi_{2829}\ \Phi_{123}\ \Phi_{69}$
150299	1884	705	$\frac{1}{235}$	$\frac{78}{235}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{705}^{2}\ \Phi_{235}^{4}\ \Phi_{141}^{2}\ \Phi_{47}^{4}\ \Phi_{15}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
150300	1884	948	$\frac{1}{158}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{948}^{2}\ \Phi_{474}\ \Phi_{316}^{4}\ \Phi_{237}\ \Phi_{158}^{2}\ \Phi_{79}^{2}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
150301	1884	1425	$\frac{4}{475}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1425}\ \Phi_{475}^{2}\ \Phi_{285}\ \Phi_{95}^{2}\ \Phi_{75}\ \Phi_{57}\ \Phi_{25}^{2}\ \Phi_{19}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
150302	1884	564	$\frac{1}{94}$	$\frac{31}{188}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{564}^{3}\ \Phi_{282}^{2}\ \Phi_{188}^{6}\ \Phi_{141}^{2}\ \Phi_{94}^{4}\ \Phi_{47}^{4}\ \Phi_{12}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
150303	1884	1113	$\frac{2}{159}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1113}^{2}\ \Phi_{371}^{2}\ \Phi_{21}$
150304	1884	480	$\frac{3}{160}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{480}^{3}\ \Phi_{240}^{3}\ \Phi_{160}^{6}\ \Phi_{120}^{3}\ \Phi_{96}^{3}\ \Phi_{80}^{6}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{40}^{6}\ \Phi_{32}^{6}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{20}^{6}\ \Phi_{16}^{6}\ \Phi_{15}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{8}^{6}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
150305	1884	1551	$\frac{1}{47}$	$\frac{46}{517}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1551}\ \Phi_{517}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
150306	1884	1638	$\frac{1}{78}$	$\frac{1}{7}$	$\frac{77}{234}$	$\frac{1}{3}$	$\Phi_{1638}^2\ \Phi_{819}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{21}$
150307	1884	690	$\frac{1}{23}$	$\frac{11}{230}$	$\frac{73}{230}$	$\frac{1}{3}$	$\Phi_{690}^4\ \Phi_{345}^4\ \Phi_{138}^4\ \Phi_{69}^5\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_6^4\ \Phi_3^4$
150308	1884	492	$\frac{7}{164}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{492}^6\ \Phi_{246}^6\ \Phi_{123}^5\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^4$
150309	1884	1353	$\frac{1}{41}$	$\frac{40}{451}$	$\frac{137}{451}$	$\frac{1}{3}$	$\Phi_{1353}^2\ \Phi_{123}^3\ \Phi_{33}^2\ \Phi_3^2$
150310	1884	1749	$\frac{2}{159}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{1749}\ \Phi_{583}\ \Phi_{159}^2\ \Phi_{53}^2\ \Phi_{11}\ \Phi_1^2$
150311	1884	3180	$\frac{2}{159}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3180}\ \Phi_{1590}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{20}\ \Phi_{10}$
150312	1884	3360	$\frac{3}{160}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{672}\ \Phi_{420}\ \Phi_{336}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{21}$
150313	1884	4368	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{51}{208}$	$\frac{1}{3}$	$\Phi_{4368}\ \Phi_{2184}\ \Phi_{336}\ \Phi_{168}\ \Phi_{21}$
150314	1884	1518	$\frac{1}{23}$	$\frac{35}{506}$	$\frac{11}{46}$	$\frac{1}{3}$	$\Phi_{1518}^2\ \Phi_{759}^2\ \Phi_{69}\ \Phi_{66}^2\ \Phi_{33}^2$
150315	1884	483	$\frac{4}{161}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{483}^6\ \Phi_{69}^5\ \Phi_{21}^6\ \Phi_3^4$
150316	1884	1365	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{38}{195}$	$\frac{1}{3}$	$\Phi_{1365}^2\ \Phi_{455}^2\ \Phi_{105}^2\ \Phi_{35}^2\ \Phi_{21}$
150317	1884	345	$\frac{1}{23}$	$\frac{31}{345}$	$\frac{22}{115}$	$\frac{1}{3}$	$\Phi_{345}^5\ \Phi_{115}^6\ \Phi_{69}^6\ \Phi_{23}^6\ \Phi_{15}^5\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
150318	1884	1725	$\frac{1}{23}$	$\frac{11}{115}$	$\frac{104}{575}$	$\frac{1}{3}$	$\Phi_{1725}^2\ \Phi_{75}^2\ \Phi_{69}$
150319	1884	1134	$\frac{5}{162}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1134}^2\ \Phi_{567}^2\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{21}$
150320	1884	552	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{27}{184}$	$\frac{1}{3}$	$\Phi_{552}^6\ \Phi_{276}^4\ \Phi_{138}^4\ \Phi_{69}^5\ \Phi_{24}^6\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4$
150321	1884	492	$\frac{7}{164}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{3}$	$\Phi_{492}^6\ \Phi_{246}^6\ \Phi_{123}^5\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^4$
150322	1884	546	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{546}^5\ \Phi_{273}^5\ \Phi_{78}^6\ \Phi_{42}^5\ \Phi_{39}^6\ \Phi_{21}^6\ \Phi_6^6\ \Phi_3^6$
150323	1884	2457	$\frac{2}{39}$	$\frac{37}{351}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2457}\ \Phi_{819}\ \Phi_{189}\ \Phi_{63}\ \Phi_{21}$
150324	1884	168	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{168}^{12}\ \Phi_{84}^{10}\ \Phi_{56}^{12}\ \Phi_{42}^{10}\ \Phi_{28}^{10}\ \Phi_{24}^{12}\ \Phi_{21}^{11}\ \Phi_{14}^{10}\ \Phi_{12}^{12}\ \Phi_8^{12}\ \Phi_7^{10}\ \Phi_6^{12}$ $\Phi_4^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
150325	1884	3549	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{3549}\ \Phi_{21}$
150326	1884	2574	$\frac{1}{78}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{77}{234}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{234}^2\ \Phi_{198}\ \Phi_{117}^2\ \Phi_{99}\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
150327	1884	2340	$\frac{1}{78}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{77}{234}$	$\Phi_{2340}^2\ \Phi_{1170}\ \Phi_{585}\ \Phi_{180}^2\ \Phi_{90}\ \Phi_{45}\ \Phi_{20}\ \Phi_{10}$
150328	1884	2835	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{91}{405}$	$\frac{44}{135}$	$\Phi_{2835}\ \Phi_{567}\ \Phi_{315}\ \Phi_{105}\ \Phi_{63}\ \Phi_{35}\ \Phi_{21}$
150329	1884	3255	$\frac{4}{155}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{151}{465}$	$\Phi_{3255}\ \Phi_{651}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
150330	1884	1160	$\frac{7}{232}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{75}{232}$	$\Phi_{1160}^2\ \Phi_{580}^2\ \Phi_{290}^2\ \Phi_{145}^2\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^2$
150331	1884	189	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{32}{189}$	$\frac{61}{189}$	$\Phi_{189}^9\ \Phi_{63}^{12}\ \Phi_{27}^9\ \Phi_{21}^{12}\ \Phi_9^{12}\ \Phi_7^{11}\ \Phi_3^{12}\ \Phi_1^{12}$
150332	1884	231	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{74}{231}$	$\Phi_{231}^{12}\ \Phi_{33}^{12}\ \Phi_{21}^{12}\ \Phi_7^5\ \Phi_3^{12}\ \Phi_1^6$
150333	1884	1836	$\frac{8}{153}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{145}{459}$	$\Phi_{1836}^2\ \Phi_{918}^2\ \Phi_{108}^2\ \Phi_{68}\ \Phi_{54}^2\ \Phi_{34}$
150334	1884	3213	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{145}{459}$	$\Phi_{3213}\ \Phi_{189}\ \Phi_{63}\ \Phi_{21}$
150335	1884	2652	$\frac{35}{663}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{884}\ \Phi_{442}\ \Phi_{156}\ \Phi_{78}\ \Phi_{68}\ \Phi_{52}\ \Phi_{34}\ \Phi_{26}$
150336	1884	455	$\frac{32}{455}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{141}{455}$	$\Phi_{455}^4\ \Phi_{91}^4\ \Phi_{65}^4\ \Phi_{35}^6\ \Phi_{13}^4\ \Phi_7^5\ \Phi_5^6\ \Phi_1^6$
150337	1884	1575	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{1}{7}$	$\frac{68}{225}$	$\Phi_{1575}^2\ \Phi_{315}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{35}\ \Phi_{21}$
150338	1884	444	$\frac{1}{37}$	$\frac{9}{74}$	$\frac{1}{4}$	$\frac{65}{222}$	$\Phi_{444}^8\ \Phi_{222}^4\ \Phi_{148}\ \Phi_{111}^4\ \Phi_{74}\ \Phi_{12}^8\ \Phi_6^4\ \Phi_3^4$
150339	1884	441	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{1}{7}$	$\frac{127}{441}$	$\Phi_{441}^6\ \Phi_{63}^6\ \Phi_{21}^6\ \Phi_9^6\ \Phi_7^5\ \Phi_3^6\ \Phi_1^6$
150340	1884	1760	$\frac{3}{160}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}\ \Phi_{220}\ \Phi_{176}\ \Phi_{160}^2\ \Phi_{110}\ \Phi_{88}\ \Phi_{80}^2\ \Phi_{55}$ $\Phi_{40}^2\ \Phi_{32}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_1^2$
150341	1884	2288	$\frac{1}{52}$	$\frac{2}{11}$	$\frac{51}{208}$	$\frac{3}{11}$	$\Phi_{2288}\ \Phi_{1144}\ \Phi_{208}^2\ \Phi_{176}\ \Phi_{104}^2\ \Phi_{88}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
150342	1884	2145	$\frac{1}{39}$	$\frac{2}{11}$	$\frac{38}{195}$	$\frac{3}{11}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{195}^2\ \Phi_{165}\ \Phi_{65}^2\ \Phi_{55}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_5^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
150343	1884	1782	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1782}\ \Phi_{891}\ \Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{162}^2\ \Phi_{99}\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
150344	1884	2002	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{2002}\ \Phi_{1001}\ \Phi_{182}^2\ \Phi_{154}\ \Phi_{91}^2\ \Phi_{77}\ \Phi_{14}^2\ \Phi_{11}\ \Phi_7^2\ \Phi_1^2$
150345	1884	1848	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}^2\ \Phi_{154}\ \Phi_{88}\ \Phi_{84}^2\ \Phi_{77}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_7^2\ \Phi_1^2$
150346	1884	1859	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1859}\ \Phi_{169}^2\ \Phi_{11}\ \Phi_1^2$
150347	1884	210	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{17}{70}$	$\frac{53}{210}$	$\Phi_{210}^{12}\ \Phi_{105}^{12}\ \Phi_{42}^{12}\ \Phi_{35}^6\ \Phi_{30}^{12}\ \Phi_{21}^{12}\ \Phi_{15}^{12}\ \Phi_7^5\ \Phi_6^{12}\ \Phi_5^6\ \Phi_3^{12}\ \Phi_1^6$
150348	1884	160	$\frac{3}{160}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{160}^{12}\ \Phi_{80}^{12}\ \Phi_{40}^{12}\ \Phi_{32}^{12}\ \Phi_{20}^{10}\ \Phi_{16}^{12}\ \Phi_{10}^{10}\ \Phi_8^{12}\ \Phi_5^9\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
150349	1884	1040	$\frac{1}{52}$	$\frac{1}{5}$	$\frac{51}{208}$	$\frac{1}{4}$	$\Phi_{1040}^3\ \Phi_{520}^3\ \Phi_{80}^3\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
150350	1884	740	$\frac{1}{37}$	$\frac{28}{185}$	$\frac{9}{37}$	$\frac{1}{4}$	$\Phi_{740}^4\ \Phi_{370}^4\ \Phi_{148}\ \Phi_{74}\ \Phi_{20}^4\ \Phi_{10}^4$
150351	1884	340	$\frac{1}{17}$	$\frac{13}{170}$	$\frac{4}{17}$	$\frac{1}{4}$	$\Phi_{340}^8\ \Phi_{170}^4\ \Phi_{85}^4\ \Phi_{68}^5\ \Phi_{34}\ \Phi_{20}^8\ \Phi_{17}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^4\ \Phi_1^4$
150352	1884	204	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{47}{204}$	$\frac{1}{4}$	$\Phi_{204}^8\ \Phi_{102}^8\ \Phi_{68}^9\ \Phi_{51}^{12}\ \Phi_{34}^9\ \Phi_{17}^{12}\ \Phi_{12}^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^{12}\ \Phi_2^8\ \Phi_1^{12}$
150353	1884	780	$\frac{1}{39}$	$\frac{38}{195}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{260}^3\ \Phi_{156}^4\ \Phi_{130}^3\ \Phi_{78}^4\ \Phi_{60}^3\ \Phi_{52}^4\ \Phi_{30}^3\ \Phi_{26}^4\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
150354	1884	1620	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1620}^2\ \Phi_{810}\ \Phi_{540}^2\ \Phi_{405}\ \Phi_{270}\ \Phi_{180}^2\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{20}\ \Phi_{10}$
150355	1884	1820	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1820}^2\ \Phi_{910}\ \Phi_{455}\ \Phi_{140}^2\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
150356	1884	520	$\frac{3}{52}$	$\frac{49}{520}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{520}^4\ \Phi_{260}^3\ \Phi_{130}^3\ \Phi_{104}^4\ \Phi_{65}^3\ \Phi_{52}^4\ \Phi_{40}^4\ \Phi_{26}^4\ \Phi_{20}^4\ \Phi_{13}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
150357	1884	840	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{280}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{120}^3\ \Phi_{105}^3\ \Phi_{70}^3\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{20}\ \Phi_{10}$
150358	1884	3380	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{3380}\ \Phi_{1690}\ \Phi_{20}\ \Phi_{10}$
150359	1884	3060	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{137}{765}$	$\frac{1}{4}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{180}\ \Phi_{170}\ \Phi_{90}\ \Phi_{68}\ \Phi_{60}\ \Phi_{34}\ \Phi_{30}\ \Phi_{20}\ \Phi_{10}$
150360	1884	1428	$\frac{1}{17}$	$\frac{43}{357}$	$\frac{8}{51}$	$\frac{1}{4}$	$\Phi_{1428}^2\ \Phi_{714}^2\ \Phi_{476}^2\ \Phi_{238}^2\ \Phi_{84}^2\ \Phi_{68}\ \Phi_{42}^2\ \Phi_{34}\ \Phi_{28}^2\ \Phi_{14}^2$
150361	1884	1260	$\frac{1}{15}$	$\frac{23}{180}$	$\frac{1}{7}$	$\frac{7}{30}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{21}$
150362	1884	168	$\frac{11}{168}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{168}^{12}\ \Phi_{84}^{12}\ \Phi_{56}^{12}\ \Phi_{42}^{12}\ \Phi_{28}^{12}\ \Phi_{24}^{12}\ \Phi_{21}^{12}\ \Phi_{12}^{12}\ \Phi_8^{12}\ \Phi_7^5\ \Phi_6^{12}\ \Phi_4^{12}\ \Phi_3^{12}\ \Phi_1^6$
150363	1884	2625	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{61}{375}$	$\frac{14}{75}$	$\Phi_{2625}\ \Phi_{875}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
150364	1884	385	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{71}{385}$	$\Phi_{385}^6\ \Phi_{55}^6\ \Phi_{35}^6\ \Phi_7^5\ \Phi_5^6\ \Phi_1^6$
150365	1885	752	$\frac{1}{376}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{375}{752}$	$\Phi_{752}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
150366	1885	750	$\frac{2}{375}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{373}{750}$	$\Phi_{750}^2\ \Phi_{375}^3\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{125}^3\ \Phi_{75}^3\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
150367	1885	288	$\frac{1}{144}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{143}{288}$	$\Phi_{288}^{13}\ \Phi_{96}^{13}\ \Phi_{32}^{13}\ \Phi_{24}\ \Phi_8\ \Phi_1$
150368	1885	1440	$\frac{1}{144}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{143}{288}$	$\Phi_{1440}^3\ \Phi_{480}^3\ \Phi_{288}\ \Phi_{160}^3\ \Phi_{96}\ \Phi_{32}\ \Phi_{15}\ \Phi_5\ \Phi_1$
150369	1885	288	$\frac{1}{144}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{143}{288}$	$\Phi_{288}^{13}\ \Phi_{96}^{13}\ \Phi_{32}^{13}\ \Phi_{18}\ \Phi_9\ \Phi_1$
150370	1885	288	$\frac{1}{144}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{143}{288}$	$\Phi_{288}^{13}\ \Phi_{96}^{13}\ \Phi_{32}^{13}\ \Phi_{16}\ \Phi_8\ \Phi_1$
150371	1885	504	$\frac{1}{126}$	$\frac{1}{6}$	$\frac{127}{504}$	$\frac{125}{252}$	$\Phi_{504}^5\ \Phi_{168}^5\ \Phi_{126}^5\ \Phi_{72}^5\ \Phi_{63}^5\ \Phi_{56}^5\ \Phi_{42}^5\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{18}^5\ \Phi_{14}^5\ \Phi_9^5\ \Phi_8^5\ \Phi_7^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
150372	1885	2268	$\frac{5}{378}$	$\frac{1}{6}$	$\frac{383}{2268}$	$\frac{373}{756}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{324}\ \Phi_{189}\ \Phi_{162}\ \Phi_{126}\ \Phi_{81}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
150373	1885	744	$\frac{5}{372}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{367}{744}$	$\Phi_{744}^5\ \Phi_{248}^5\ \Phi_{24}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
150374	1885	896	$\frac{1}{64}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{63}{128}$	$\Phi_{896}^4\ \Phi_{128}^5\ \Phi_{56}\ \Phi_8\ \Phi_1$
150375	1885	2688	$\frac{1}{64}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{63}{128}$	$\Phi_{2688}^2\ \Phi_{384}^2\ \Phi_{128}\ \Phi_{42}\ \Phi_{21}\ \Phi_6\ \Phi_3\ \Phi_1$
150376	1885	128	$\frac{1}{64}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{63}{128}$	$\Phi_{128}^{29}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
150377	1885	4480	$\frac{1}{64}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{63}{128}$	$\Phi_{4480}\ \Phi_{640}\ \Phi_{128}\ \Phi_{35}\ \Phi_{5}\ \Phi_{1}$
150378	1885	2226	$\frac{6}{371}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{365}{742}$	$\Phi_{2226}\ \Phi_{1113}\ \Phi_{371}\ \Phi_{318}\ \Phi_{159}\ \Phi_{53}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
150379	1885	1998	$\frac{2}{111}$	$\frac{113}{1998}$	$\frac{1}{3}$	$\frac{109}{222}$	$\Phi_{1998}\ \Phi_{999}\ \Phi_{666}\ \Phi_{333}\ \Phi_{111}\ \Phi_{54}\ \Phi_{37}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
150380	1885	432	$\frac{1}{54}$	$\frac{55}{432}$	$\frac{1}{6}$	$\frac{53}{108}$	$\Phi_{432}^5\ \Phi_{216}^5\ \Phi_{144}^5\ \Phi_{72}^5\ \Phi_{54}^5\ \Phi_{48}^5\ \Phi_{27}^5\ \Phi_{24}^5\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{9}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
150381	1885	3696	$\frac{37}{1848}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1811}{3696}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{112}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
150382	1885	738	$\frac{8}{369}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{361}{738}$	$\Phi_{738}^2\ \Phi_{369}^3\ \Phi_{246}^2\ \Phi_{123}^3\ \Phi_{82}^2\ \Phi_{41}^3\ \Phi_{18}^5\ \Phi_{9}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
150383	1885	420	$\frac{1}{42}$	$\frac{43}{420}$	$\frac{1}{6}$	$\frac{41}{84}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^5\ \Phi_{105}^5\ \Phi_{70}^5\ \Phi_{60}^5\ \Phi_{42}^5\ \Phi_{35}^5\ \Phi_{30}^5\ \Phi_{21}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{14}^5\ \Phi_{10}^5\ \Phi_{7}^5\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
150384	1885	3672	$\frac{49}{1836}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{1787}{3672}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{216}\ \Phi_{136}\ \Phi_{72}\ \Phi_{51}\ \Phi_{24}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
150385	1885	3672	$\frac{49}{1836}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1787}{3672}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{216}\ \Phi_{136}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
150386	1885	630	$\frac{2}{63}$	$\frac{1}{30}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{126}^2\ \Phi_{105}^3\ \Phi_{90}^3\ \Phi_{70}^3\ \Phi_{63}^3\ \Phi_{45}^3\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{30}^5\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{15}^5\ \Phi_{14}^2\ \Phi_{10}^5\ \Phi_{9}^3\ \Phi_{7}^3\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
150387	1885	672	$\frac{1}{32}$	$\frac{1}{28}$	$\frac{31}{96}$	$\frac{27}{56}$	$\Phi_{672}^4\ \Phi_{336}^4\ \Phi_{168}^4\ \Phi_{96}^5\ \Phi_{84}^4\ \Phi_{56}\ \Phi_{48}^5\ \Phi_{42}^4\ \Phi_{24}^5\ \Phi_{21}^4\ \Phi_{12}^5\ \Phi_{8}\ \Phi_{6}^5\ \Phi_{3}^5\ \Phi_{1}$
150388	1885	952	$\frac{1}{28}$	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{952}^4\ \Phi_{136}^4\ \Phi_{68}\ \Phi_{56}\ \Phi_{34}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
150389	1885	112	$\frac{1}{28}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{27}{56}$	$\Phi_{112}^{16}\ \Phi_{56}^{17}\ \Phi_{28}^{16}\ \Phi_{16}^{20}\ \Phi_{14}^{16}\ \Phi_{8}^{21}\ \Phi_{7}^{16}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
150390	1885	168	$\frac{1}{28}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{27}{56}$	$\Phi_{168}^{26}\ \Phi_{56}^{13}\ \Phi_{42}^2\ \Phi_{24}^{26}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{8}^{13}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
150391	1885	504	$\frac{1}{28}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{27}{56}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{72}^5\ \Phi_{63}^4\ \Phi_{56}\ \Phi_{42}^4\ \Phi_{36}^5\ \Phi_{24}^5\ \Phi_{21}^4\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_{9}^5\ \Phi_{8}\ \Phi_{6}^5\ \Phi_{3}^5\ \Phi_{1}$
150392	1885	1938	$\frac{53}{1938}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{1938}\ \Phi_{969}\ \Phi_{646}\ \Phi_{323}\ \Phi_{114}\ \Phi_{57}\ \Phi_{51}\ \Phi_{38}\ \Phi_{19}\ \Phi_{17}\ \Phi_{1}$
150393	1885	2016	$\frac{5}{126}$	$\frac{131}{2016}$	$\frac{1}{6}$	$\frac{121}{252}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
150394	1885	1320	$\frac{1}{30}$	$\frac{1}{22}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{330}^2\ \Phi_{264}^2\ \Phi_{165}^2\ \Phi_{120}^2\ \Phi_{110}^2\ \Phi_{88}\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{40}^2\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
150395	1885	720	$\frac{17}{360}$	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{343}{720}$	$\Phi_{720}^5\ \Phi_{240}^5\ \Phi_{144}^5\ \Phi_{80}^5\ \Phi_{48}^5\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{9}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
150396	1885	396	$\frac{19}{396}$	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{396}^5\ \Phi_{198}^5\ \Phi_{132}^5\ \Phi_{99}^5\ \Phi_{66}^5\ \Phi_{44}^5\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{18}^5\ \Phi_{11}^5\ \Phi_{9}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
150397	1885	714	$\frac{1}{21}$	$\frac{20}{357}$	$\frac{1}{6}$	$\frac{337}{714}$	$\Phi_{714}^2\ \Phi_{357}^3\ \Phi_{238}^2\ \Phi_{119}^3\ \Phi_{102}^2\ \Phi_{51}^3\ \Phi_{42}^5\ \Phi_{34}^2\ \Phi_{21}^5\ \Phi_{17}^3\ \Phi_{14}^5\ \Phi_{7}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
150398	1885	3552	$\frac{2}{111}$	$\frac{109}{1776}$	$\frac{1}{3}$	$\frac{1667}{3552}$	$\Phi_{3552}\ \Phi_{1184}\ \Phi_{111}\ \Phi_{96}\ \Phi_{37}\ \Phi_{32}\ \Phi_{1}$
150399	1885	3528	$\frac{5}{126}$	$\frac{121}{1764}$	$\frac{1}{6}$	$\frac{1643}{3528}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{392}\ \Phi_{168}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
150400	1885	157	$\frac{11}{157}$	$\frac{12}{157}$	$\frac{14}{157}$	$\frac{73}{157}$	$\Phi_{157}^{12}\ \Phi_{1}^{13}$
150401	1885	1176	$\frac{15}{392}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{392}\ \Phi_{294}^2\ \Phi_{196}\ \Phi_{168}^2\ \Phi_{147}^2\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{42}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
150402	1885	594	$\frac{1}{66}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{594}^3\ \Phi_{297}^3\ \Phi_{198}^3\ \Phi_{99}^3\ \Phi_{66}^5\ \Phi_{54}^2\ \Phi_{33}^5\ \Phi_{27}^3\ \Phi_{22}^5\ \Phi_{18}^2\ \Phi_{11}^5\ \Phi_{9}^3\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
150403	1885	54	$\frac{1}{27}$	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{25}{54}$	$\Phi_{54}^{29}\ \Phi_{27}^{41}\ \Phi_{18}^{29}\ \Phi_{9}^{41}\ \Phi_{6}^{28}\ \Phi_{3}^{40}\ \Phi_{2}^{28}\ \Phi_{1}^{41}$
150404	1885	1176	$\frac{2}{147}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{1176}^3\ \Phi_{392}^3\ \Phi_{168}^3\ \Phi_{147}\ \Phi_{56}^3\ \Phi_{49}\ \Phi_{24}\ \Phi_{21}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
150405	1885	216	$\frac{1}{72}$	$\frac{1}{12}$	$\frac{71}{216}$	$\frac{11}{24}$	$\Phi_{216}^{13}\ \Phi_{108}^{13}\ \Phi_{54}^{13}\ \Phi_{27}^{13}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
150406	1885	384	$\frac{7}{384}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{384}^5\ \Phi_{192}^5\ \Phi_{128}^5\ \Phi_{96}^5\ \Phi_{64}^5\ \Phi_{48}^4\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
150407	1885	888	$\frac{3}{148}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{888}^4\ \Phi_{296}^4\ \Phi_{148}\ \Phi_{74}\ \Phi_{37}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
150408	1885	192	$\frac{1}{48}$	$\frac{1}{12}$	$\frac{47}{192}$	$\frac{11}{24}$	$\Phi_{192}^{13}\ \Phi_{96}^{13}\ \Phi_{64}^{13}\ \Phi_{32}^{13}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
150409	1885	72	$\frac{1}{36}$	$\frac{1}{12}$	$\frac{7}{36}$	$\frac{11}{24}$	$\Phi_{72}^{48}\ \Phi_{36}^{4}\ \Phi_{24}^{49}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{49}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
150410	1885	1944	$\frac{59}{1944}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
150411	1885	120	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{120}^{30}\ \Phi_{40}^{30}\ \Phi_{30}^{5}\ \Phi_{24}^{25}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{8}^{25}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
150412	1885	168	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{23}{168}$	$\frac{11}{24}$	$\Phi_{168}^{13}\ \Phi_{84}^{13}\ \Phi_{56}^{13}\ \Phi_{42}^{13}\ \Phi_{28}^{13}\ \Phi_{24}\ \Phi_{21}^{13}\ \Phi_{14}^{13}\ \Phi_{8}\ \Phi_{7}^{13}\ \Phi_{1}$
150413	1885	456	$\frac{7}{152}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{456}^{4}\ \Phi_{228}^{4}\ \Phi_{152}^{5}\ \Phi_{114}^{4}\ \Phi_{76}^{5}\ \Phi_{57}^{4}\ \Phi_{38}^{5}\ \Phi_{24}\ \Phi_{19}^{5}\ \Phi_{8}\ \Phi_{1}$
150414	1885	1224	$\frac{8}{153}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{24}$	$\Phi_{1224}^{3}\ \Phi_{408}^{3}\ \Phi_{153}\ \Phi_{136}^{3}\ \Phi_{51}\ \Phi_{24}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
150415	1885	648	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{17}{162}$	$\frac{11}{24}$	$\Phi_{648}^{6}\ \Phi_{216}^{6}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
150416	1885	96	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{3}{32}$	$\frac{11}{24}$	$\Phi_{96}^{20}\ \Phi_{48}^{16}\ \Phi_{32}^{25}\ \Phi_{24}^{17}\ \Phi_{16}^{20}\ \Phi_{12}^{16}\ \Phi_{8}^{21}\ \Phi_{6}^{16}\ \Phi_{4}^{20}\ \Phi_{3}^{16}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
150417	1885	2016	$\frac{131}{2016}$	$\frac{1}{12}$	$\frac{13}{144}$	$\frac{11}{24}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
150418	1885	312	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{24}$	$\Phi_{312}^{12}\ \Phi_{156}\ \Phi_{104}^{12}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
150419	1885	1944	$\frac{59}{1944}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{162}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
150420	1885	384	$\frac{7}{384}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{384}^{5}\ \Phi_{192}^{5}\ \Phi_{128}^{5}\ \Phi_{96}^{5}\ \Phi_{64}^{4}\ \Phi_{48}^{5}\ \Phi_{32}^{5}\ \Phi_{24}^{5}\ \Phi_{16}^{5}\ \Phi_{12}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
150421	1885	1320	$\frac{1}{66}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1320}^{2}\ \Phi_{440}^{2}\ \Phi_{330}^{2}\ \Phi_{264}^{2}\ \Phi_{165}^{2}\ \Phi_{120}^{2}\ \Phi_{110}^{2}\ \Phi_{88}^{2}\ \Phi_{66}\ \Phi_{55}^{2}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{22}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
150422	1885	1932	$\frac{47}{1932}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{276}\ \Phi_{161}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{42}\ \Phi_{23}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
150423	1885	672	$\frac{1}{42}$	$\frac{41}{336}$	$\frac{1}{6}$	$\frac{295}{672}$	$\Phi_{672}^{5}\ \Phi_{224}^{5}\ \Phi_{96}^{5}\ \Phi_{42}^{5}\ \Phi_{32}^{5}\ \Phi_{21}^{5}\ \Phi_{14}^{5}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
150424	1885	3304	$\frac{3}{236}$	$\frac{233}{1652}$	$\frac{1}{4}$	$\frac{1419}{3304}$	$\Phi_{3304}\ \Phi_{472}\ \Phi_{236}\ \Phi_{118}\ \Phi_{59}\ \Phi_{56}\ \Phi_{8}\ \Phi_{1}$
150425	1885	157	$\frac{7}{157}$	$\frac{12}{157}$	$\frac{25}{157}$	$\frac{66}{157}$	$\Phi_{157}^{12}\ \Phi_{1}^{13}$
150426	1885	1650	$\frac{1}{66}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}\ \Phi_{330}^{2}\ \Phi_{275}\ \Phi_{165}^{2}\ \Phi_{150}\ \Phi_{110}^{2}\ \Phi_{75}\ \Phi_{66}\ \Phi_{55}^{2}\ \Phi_{33}\ \Phi_{30}^{2}\ \Phi_{25}\ \Phi_{22}\ \Phi_{15}^{2}\ \Phi_{11}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
150427	1885	648	$\frac{1}{54}$	$\frac{53}{324}$	$\frac{1}{6}$	$\frac{271}{648}$	$\Phi_{648}^{5}\ \Phi_{216}^{5}\ \Phi_{72}^{5}\ \Phi_{54}^{5}\ \Phi_{27}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
150428	1885	396	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{396}^{6}\ \Phi_{198}^{6}\ \Phi_{99}^{6}\ \Phi_{66}^{5}\ \Phi_{36}^{5}\ \Phi_{33}^{5}\ \Phi_{22}^{5}\ \Phi_{18}^{5}\ \Phi_{11}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
150429	1885	384	$\frac{7}{384}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{384}^{5}\ \Phi_{192}^{5}\ \Phi_{128}^{5}\ \Phi_{96}^{5}\ \Phi_{64}^{5}\ \Phi_{48}^{5}\ \Phi_{32}^{5}\ \Phi_{24}^{5}\ \Phi_{16}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
150430	1885	360	$\frac{1}{30}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{6}\ \Phi_{90}^{6}\ \Phi_{72}^{5}\ \Phi_{45}^{6}\ \Phi_{40}^{6}\ \Phi_{36}^{5}\ \Phi_{30}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
150431	1885	330	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{330}^{6}\ \Phi_{165}^{6}\ \Phi_{110}^{6}\ \Phi_{66}^{6}\ \Phi_{55}^{6}\ \Phi_{33}^{5}\ \Phi_{30}^{5}\ \Phi_{22}\ \Phi_{15}^{5}\ \Phi_{11}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{5}\ \Phi_{5}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
150432	1885	630	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{62}{315}$	$\frac{253}{630}$	$\Phi_{630}^{2}\ \Phi_{315}^{3}\ \Phi_{210}^{2}\ \Phi_{126}^{5}\ \Phi_{105}^{3}\ \Phi_{90}^{2}\ \Phi_{70}^{2}\ \Phi_{63}^{5}\ \Phi_{45}^{3}\ \Phi_{42}^{5}\ \Phi_{35}^{3}\ \Phi_{30}^{2}\ \Phi_{21}^{5}\ \Phi_{18}^{5}\ \Phi_{15}^{3}\ \Phi_{14}^{5}\ \Phi_{10}^{2}\ \Phi_{9}^{5}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
150433	1885	471	$\frac{2}{157}$	$\frac{31}{157}$	$\frac{94}{471}$	$\frac{63}{157}$	$\Phi_{471}^{5}\ \Phi_{157}^{2}\ \Phi_{3}^{5}\ \Phi_{1}^{3}$
150434	1885	628	$\frac{2}{157}$	$\frac{31}{157}$	$\frac{63}{314}$	$\frac{251}{628}$	$\Phi_{628}^{5}\ \Phi_{157}^{2}\ \Phi_{4}^{5}\ \Phi_{1}^{3}$
150435	1885	528	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{528}^{6}\ \Phi_{176}^{6}\ \Phi_{66}^{5}\ \Phi_{48}^{5}\ \Phi_{33}^{5}\ \Phi_{22}^{5}\ \Phi_{16}^{5}\ \Phi_{11}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
150436	1885	3024	$\frac{5}{378}$	$\frac{1}{6}$	$\frac{373}{1512}$	$\frac{1139}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{432}\ \Phi_{378}\ \Phi_{336}\ \Phi_{189}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{63}\ \Phi_{54}\ \Phi_{48}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
150437	1885	1128	$\frac{1}{188}$	$\frac{1}{4}$	$\frac{187}{564}$	$\frac{3}{8}$	$\Phi_{1128}^{4}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{24}^{4}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
150438	1885	760	$\frac{3}{380}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{760}^{4}\ \Phi_{380}\ \Phi_{190}\ \Phi_{152}^{4}\ \Phi_{95}\ \Phi_{76}\ \Phi_{40}^{4}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
150439	1885	1880	$\frac{1}{94}$	$\frac{93}{470}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1880}^{2}\ \Phi_{470}\ \Phi_{235}\ \Phi_{40}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
150440	1885	2256	$\frac{5}{376}$	$\frac{371}{2256}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{752}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
150441	1885	384	$\frac{7}{384}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{384}^5\ \Phi_{192}^5\ \Phi_{128}^5\ \Phi_{96}^5\ \Phi_{64}^5\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
150442	1885	3384	$\frac{1}{47}$	$\frac{46}{423}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3384}\ \Phi_{1128}\ \Phi_{423}\ \Phi_{141}\ \Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
150443	1885	376	$\frac{3}{94}$	$\frac{7}{94}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{376}^8\ \Phi_{94}^4\ \Phi_{47}^4\ \Phi_8^9\ \Phi_2^4\ \Phi_1^5$
150444	1885	840	$\frac{1}{30}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{210}^2\ \Phi_{168}^4\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
150445	1885	1908	$\frac{23}{1908}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1908}\ \Phi_{954}\ \Phi_{636}\ \Phi_{477}\ \Phi_{318}\ \Phi_{212}\ \Phi_{159}\ \Phi_{106}\ \Phi_{53}\ \Phi_{18}\ \Phi_9\ \Phi_1$
150446	1885	2832	$\frac{3}{472}$	$\frac{1}{4}$	$\frac{469}{1416}$	$\frac{947}{2832}$	$\Phi_{2832}\ \Phi_{944}\ \Phi_{472}\ \Phi_{236}\ \Phi_{118}\ \Phi_{59}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
150447	1885	735	$\frac{2}{147}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{735}^3\ \Phi_{245}^3\ \Phi_{147}\ \Phi_{105}^3\ \Phi_{49}\ \Phi_{35}^3\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_5\ \Phi_1$
150448	1885	1080	$\frac{1}{72}$	$\frac{2}{15}$	$\frac{71}{216}$	$\frac{1}{3}$	$\Phi_{1080}^3\ \Phi_{540}^3\ \Phi_{270}^3\ \Phi_{216}\ \Phi_{135}^3\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{15}\ \Phi_5\ \Phi_1$
150449	1885	153	$\frac{2}{51}$	$\frac{8}{153}$	$\frac{49}{153}$	$\frac{1}{3}$	$\Phi_{153}^{12}\ \Phi_{51}^{13}\ \Phi_{17}^{13}\ \Phi_9^{12}\ \Phi_3^{12}\ \Phi_1^{13}$
150450	1885	2754	$\frac{2}{51}$	$\frac{49}{918}$	$\frac{869}{2754}$	$\frac{1}{3}$	$\Phi_{2754}\ \Phi_{1377}\ \Phi_{162}\ \Phi_{81}\ \Phi_{51}\ \Phi_{17}\ \Phi_1$
150451	1885	2664	$\frac{2}{111}$	$\frac{109}{888}$	$\frac{779}{2664}$	$\frac{1}{3}$	$\Phi_{2664}\ \Phi_{1332}\ \Phi_{666}\ \Phi_{333}\ \Phi_{111}\ \Phi_{72}\ \Phi_{37}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
150452	1885	882	$\frac{2}{147}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{882}^3\ \Phi_{441}^3\ \Phi_{147}\ \Phi_{126}^3\ \Phi_{63}^3\ \Phi_{49}\ \Phi_{21}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_1$
150453	1885	2352	$\frac{2}{147}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{784}\ \Phi_{392}\ \Phi_{336}\ \Phi_{168}\ \Phi_{147}\ \Phi_{112}\ \Phi_{56}\ \Phi_{49}\ \Phi_{21}\ \Phi_{16}\ \Phi_8\ \Phi_7\ \Phi_1$
150454	1885	2220	$\frac{3}{148}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{740}\ \Phi_{555}\ \Phi_{370}\ \Phi_{185}\ \Phi_{148}\ \Phi_{74}\ \Phi_{37}\ \Phi_{15}\ \Phi_5\ \Phi_1$
150455	1885	444	$\frac{2}{111}$	$\frac{67}{444}$	$\frac{109}{444}$	$\frac{1}{3}$	$\Phi_{444}^4\ \Phi_{222}^4\ \Phi_{148}^4\ \Phi_{111}^5\ \Phi_{74}^4\ \Phi_{37}^5\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
150456	1885	960	$\frac{1}{48}$	$\frac{2}{15}$	$\frac{47}{192}$	$\frac{1}{3}$	$\Phi_{960}^3\ \Phi_{480}^3\ \Phi_{320}^3\ \Phi_{192}\ \Phi_{160}^3\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{15}\ \Phi_5\ \Phi_1$
150457	1885	408	$\frac{2}{51}$	$\frac{31}{408}$	$\frac{49}{204}$	$\frac{1}{3}$	$\Phi_{408}^5\ \Phi_{204}^4\ \Phi_{136}^5\ \Phi_{102}^4\ \Phi_{68}^4\ \Phi_{51}^5\ \Phi_{34}^4\ \Phi_{24}^5\ \Phi_{17}^5\ \Phi_{12}^4\ \Phi_8^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
150458	1885	2448	$\frac{2}{51}$	$\frac{49}{612}$	$\frac{563}{2448}$	$\frac{1}{3}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{144}\ \Phi_{136}\ \Phi_{72}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_1$
150459	1885	420	$\frac{1}{30}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{420}^6\ \Phi_{210}^3\ \Phi_{140}^6\ \Phi_{105}^3\ \Phi_{84}^5\ \Phi_{70}^3\ \Phi_{60}^6\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{30}^5\ \Phi_{28}^5\ \Phi_{21}^3\ \Phi_{20}^6\ \Phi_{15}^5\ \Phi_{14}^2\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_7^3\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
150460	1885	396	$\frac{1}{66}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{396}^6\ \Phi_{198}^3\ \Phi_{132}^6\ \Phi_{99}^3\ \Phi_{66}^5\ \Phi_{44}^6\ \Phi_{36}^5\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{18}^2\ \Phi_{12}^5\ \Phi_{11}^5\ \Phi_9^3\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
150461	1885	360	$\frac{1}{30}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^6\ \Phi_{90}^3\ \Phi_{72}^5\ \Phi_{60}^6\ \Phi_{45}^3\ \Phi_{40}^6\ \Phi_{36}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^6\ \Phi_{18}^2\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_9^3\ \Phi_8^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
150462	1885	180	$\frac{1}{36}$	$\frac{2}{15}$	$\frac{7}{36}$	$\frac{1}{3}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}^{12}\ \Phi_{45}^{12}\ \Phi_{36}^4\ \Phi_{30}^{12}\ \Phi_{20}^{12}\ \Phi_{18}^4\ \Phi_{15}^{13}\ \Phi_{12}^4\ \Phi_{10}^{12}\ \Phi_9^4\ \Phi_6^4\ \Phi_5^{13}\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
150463	1885	459	$\frac{2}{51}$	$\frac{49}{459}$	$\frac{82}{459}$	$\frac{1}{3}$	$\Phi_{459}^4\ \Phi_{153}^4\ \Phi_{51}^5\ \Phi_{27}^4\ \Phi_{17}^5\ \Phi_9^4\ \Phi_3^4\ \Phi_1^5$
150464	1885	450	$\frac{2}{75}$	$\frac{73}{450}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{450}^5\ \Phi_{225}^5\ \Phi_{150}^2\ \Phi_{90}^5\ \Phi_{75}^3\ \Phi_{50}^2\ \Phi_{45}^5\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{18}^5\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_9^5\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
150465	1885	30	$\frac{1}{30}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{30}^{62}\ \Phi_{15}^{63}\ \Phi_{10}^{62}\ \Phi_6^{64}\ \Phi_5^{63}\ \Phi_3^{64}\ \Phi_2^{64}\ \Phi_1^{65}$
150466	1885	2142	$\frac{2}{51}$	$\frac{257}{2142}$	$\frac{49}{306}$	$\frac{1}{3}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{126}\ \Phi_{119}\ \Phi_{63}\ \Phi_{51}\ \Phi_{42}\ \Phi_{21}\ \Phi_{17}\ \Phi_{14}\ \Phi_7\ \Phi_1$
150467	1885	840	$\frac{1}{24}$	$\frac{2}{15}$	$\frac{23}{168}$	$\frac{1}{3}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{280}^3\ \Phi_{210}^3\ \Phi_{168}\ \Phi_{140}^3\ \Phi_{105}^3\ \Phi_{84}\ \Phi_{70}^3\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}^3\ \Phi_{28}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_7\ \Phi_5\ \Phi_1$
150468	1885	2280	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{15}\ \Phi_5\ \Phi_1$
150469	1885	765	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{765}^3\ \Phi_{255}^3\ \Phi_{153}\ \Phi_{85}^3\ \Phi_{51}\ \Phi_{17}\ \Phi_{15}\ \Phi_5\ \Phi_1$
150470	1885	810	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{810}^3\ \Phi_{405}^3\ \Phi_{270}^3\ \Phi_{162}\ \Phi_{135}^3\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{15}\ \Phi_5\ \Phi_1$
150471	1885	480	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{480}^5\ \Phi_{240}^4\ \Phi_{160}^5\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{32}^5\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^5\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
150472	1885	780	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{260}^3\ \Phi_{195}^3\ \Phi_{156}\ \Phi_{130}^3\ \Phi_{78}\ \Phi_{65}^3\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
150473	1885	216	$\frac{1}{72}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{71}{216}$	$\Phi_{216}^{13}\ \Phi_{108}^{13}\ \Phi_{54}^{13}\ \Phi_{27}^{13}\ \Phi_{18}\ \Phi_9\ \Phi_1$
150474	1885	432	$\frac{1}{72}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{71}{216}$	$\Phi_{432}^{8}\ \Phi_{216}^{5}\ \Phi_{108}^{5}\ \Phi_{54}^{5}\ \Phi_{27}^{5}\ \Phi_{16}\ \Phi_8\ \Phi_1$
150475	1885	486	$\frac{1}{54}$	$\frac{1}{6}$	$\frac{109}{486}$	$\frac{53}{162}$	$\Phi_{486}^{5}\ \Phi_{243}^{5}\ \Phi_{54}^{5}\ \Phi_{27}^{5}\ \Phi_{18}^{5}\ \Phi_9^{5}\ \Phi_6^{4}\ \Phi_3^{4}\ \Phi_2^{4}\ \Phi_1^{5}$
150476	1885	558	$\frac{5}{186}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{181}{558}$	$\Phi_{558}^{5}\ \Phi_{279}^{5}\ \Phi_{18}^{5}\ \Phi_9^{5}\ \Phi_6^{4}\ \Phi_3^{4}\ \Phi_2^{4}\ \Phi_1^{5}$
150477	1885	672	$\frac{1}{32}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{31}{96}$	$\Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{224}^{4}\ \Phi_{168}^{2}\ \Phi_{112}^{4}\ \Phi_{96}^{3}\ \Phi_{84}^{2}\ \Phi_{56}^{4}\ \Phi_{48}^{3}\ \Phi_{42}^{3}\ \Phi_{32}^{4}\ \Phi_{28}^{4}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{16}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{3}\ \Phi_8^{4}\ \Phi_7^{4}\ \Phi_6^{4}\ \Phi_4^{4}\ \Phi_3^{4}\ \Phi_2^{4}\ \Phi_1^{5}$
150478	1885	96	$\frac{1}{32}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{31}{96}$	$\Phi_{96}^{29}\ \Phi_{48}^{29}\ \Phi_{32}\ \Phi_{24}^{29}\ \Phi_{16}\ \Phi_{12}^{29}\ \Phi_8\ \Phi_6^{29}\ \Phi_3^{29}\ \Phi_1$
150479	1885	3360	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{31}{96}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{480}\ \Phi_{420}\ \Phi_{240}\ \Phi_{210}\ \Phi_{120}\ \Phi_{105}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
150480	1885	2772	$\frac{37}{924}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{887}{2772}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
150481	1885	2754	$\frac{49}{918}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{869}{2754}$	$\Phi_{2754}\ \Phi_{1377}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
150482	1885	157	$\frac{10}{157}$	$\frac{12}{157}$	$\frac{27}{157}$	$\frac{49}{157}$	$\Phi_{157}^{12}\ \Phi_1^{13}$
150483	1885	1428	$\frac{3}{68}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{1428}^{2}\ \Phi_{714}^{2}\ \Phi_{357}^{2}\ \Phi_{204}^{2}\ \Phi_{102}^{2}\ \Phi_{68}\ \Phi_{51}^{2}\ \Phi_{42}\ \Phi_{34}\ \Phi_{21}\ \Phi_{17}\ \Phi_6\ \Phi_3\ \Phi_1$
150484	1885	336	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{3}{16}$	$\frac{13}{42}$	$\Phi_{336}^{8}\ \Phi_{168}^{8}\ \Phi_{84}^{8}\ \Phi_{48}^{8}\ \Phi_{42}^{9}\ \Phi_{24}^{8}\ \Phi_{21}^{9}\ \Phi_{16}^{4}\ \Phi_{12}^{8}\ \Phi_8^{4}\ \Phi_6^{9}\ \Phi_4^{4}\ \Phi_3^{9}\ \Phi_2^{4}\ \Phi_1^{5}$
150485	1885	42	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{42}$	$\Phi_{42}^{41}\ \Phi_{21}^{41}\ \Phi_{14}^{53}\ \Phi_7^{53}\ \Phi_6^{40}\ \Phi_3^{40}\ \Phi_2^{52}\ \Phi_1^{53}$
150486	1885	504	$\frac{1}{14}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{13}{42}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{168}^{2}\ \Phi_{126}^{4}\ \Phi_{84}^{2}\ \Phi_{72}^{5}\ \Phi_{63}^{4}\ \Phi_{56}^{4}\ \Phi_{42}^{3}\ \Phi_{36}^{5}\ \Phi_{28}^{4}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{18}^{5}\ \Phi_{14}^{4}\ \Phi_{12}^{3}\ \Phi_9^{5}\ \Phi_8^{4}\ \Phi_7^{4}\ \Phi_6^{4}\ \Phi_4^{4}\ \Phi_3^{4}\ \Phi_2^{4}\ \Phi_1^{5}$
150487	1885	540	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{1}{6}$	$\frac{163}{540}$	$\Phi_{540}^{5}\ \Phi_{270}^{5}\ \Phi_{135}^{5}\ \Phi_{108}^{5}\ \Phi_{54}^{5}\ \Phi_{27}^{5}\ \Phi_{18}^{5}\ \Phi_9^{5}\ \Phi_6^{4}\ \Phi_3^{4}\ \Phi_2^{4}\ \Phi_1^{5}$
150488	1885	2646	$\frac{5}{126}$	$\frac{121}{882}$	$\frac{1}{6}$	$\frac{761}{2646}$	$\Phi_{2646}\ \Phi_{1323}\ \Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
150489	1885	1332	$\frac{3}{148}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{1332}^{2}\ \Phi_{666}^{2}\ \Phi_{333}^{2}\ \Phi_{148}\ \Phi_{74}\ \Phi_{37}\ \Phi_{18}\ \Phi_9\ \Phi_1$
150490	1885	576	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{47}{192}$	$\frac{5}{18}$	$\Phi_{576}^{6}\ \Phi_{288}^{6}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
150491	1885	36	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{18}$	$\Phi_{36}^{52}\ \Phi_{18}^{53}\ \Phi_{12}^{52}\ \Phi_9^{53}\ \Phi_6^{52}\ \Phi_4^{52}\ \Phi_3^{52}\ \Phi_2^{52}\ \Phi_1^{53}$
150492	1885	1944	$\frac{59}{1944}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
150493	1885	90	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{90}^{30}\ \Phi_{45}^{30}\ \Phi_{30}^{5}\ \Phi_{18}^{25}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_9^{25}\ \Phi_6^{4}\ \Phi_5^{5}\ \Phi_3^{4}\ \Phi_2^{4}\ \Phi_1^{5}$
150494	1885	504	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{504}^{6}\ \Phi_{252}^{6}\ \Phi_{168}\ \Phi_{126}^{6}\ \Phi_{84}\ \Phi_{63}^{6}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
150495	1885	1368	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1368}^{2}\ \Phi_{684}^{2}\ \Phi_{342}^{2}\ \Phi_{171}^{2}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_1$
150496	1885	306	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{306}^{6}\ \Phi_{153}^{7}\ \Phi_{102}^{6}\ \Phi_{51}^{7}\ \Phi_{34}^{6}\ \Phi_{18}\ \Phi_{17}^{7}\ \Phi_9\ \Phi_1$
150497	1885	162	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{162}^{13}\ \Phi_{81}^{13}\ \Phi_{54}^{13}\ \Phi_{27}^{13}\ \Phi_{18}\ \Phi_9\ \Phi_1$
150498	1885	288	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{288}^{10}\ \Phi_{144}^{8}\ \Phi_{72}^{8}\ \Phi_{36}^{8}\ \Phi_{32}^{5}\ \Phi_{18}^{9}\ \Phi_{16}^{4}\ \Phi_9^{9}\ \Phi_8^{4}\ \Phi_4^{4}\ \Phi_2^{4}\ \Phi_1^{5}$
150499	1885	2016	$\frac{131}{2016}$	$\frac{13}{144}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
150500	1885	468	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{468}^{6}\ \Phi_{234}^{6}\ \Phi_{156}\ \Phi_{117}^{6}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_1$
150501	1885	384	$\frac{7}{384}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{384}^{5}\ \Phi_{192}^{5}\ \Phi_{128}^{5}\ \Phi_{96}^{5}\ \Phi_{64}^{5}\ \Phi_{48}^{4}\ \Phi_{32}^{5}\ \Phi_{24}^{4}\ \Phi_{16}^{5}\ \Phi_{12}^{4}\ \Phi_8^{5}\ \Phi_6^{4}\ \Phi_4^{4}\ \Phi_3^{4}\ \Phi_2^{4}\ \Phi_1^{5}$
150502	1885	157	$\frac{9}{157}$	$\frac{12}{157}$	$\frac{37}{157}$	$\frac{40}{157}$	$\Phi_{157}^{12}\ \Phi_1^{13}$
150503	1885	504	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{41}{168}$	$\frac{127}{504}$	$\Phi_{504}^{5}\ \Phi_{252}^{5}\ \Phi_{126}^{5}\ \Phi_{72}^{5}\ \Phi_{63}^{5}\ \Phi_{42}^{5}\ \Phi_{36}^{5}\ \Phi_{21}^{5}\ \Phi_{18}^{5}\ \Phi_{14}^{5}\ \Phi_9^{5}\ \Phi_7^{5}\ \Phi_6^{4}\ \Phi_3^{4}\ \Phi_2^{4}\ \Phi_1^{5}$
150504	1885	592	$\frac{3}{148}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{592}^{4}\ \Phi_{296}^{4}\ \Phi_{148}\ \Phi_{74}\ \Phi_{37}\ \Phi_{16}\ \Phi_8\ \Phi_1$
150505	1885	544	$\frac{3}{68}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{544}^{4}\ \Phi_{272}^{4}\ \Phi_{136}^{4}\ \Phi_{68}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_1$
150506	1885	192	$\frac{1}{48}$	$\frac{3}{16}$	$\frac{47}{192}$	$\frac{1}{4}$	$\Phi_{192}^{13}\ \Phi_{96}^{13}\ \Phi_{64}^{13}\ \Phi_{32}^{13}\ \Phi_{16}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
150507	1885	144	$\frac{1}{36}$	$\frac{3}{16}$	$\frac{7}{36}$	$\frac{1}{4}$	$\Phi_{144}^{16}\ \Phi_{72}^{16}\ \Phi_{48}^{16}\ \Phi_{36}^{4}\ \Phi_{24}^{16}\ \Phi_{18}^{4}\ \Phi_{16}^{17}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{17}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
150508	1885	240	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{240}^{10}\ \Phi_{120}^{10}\ \Phi_{80}^{10}\ \Phi_{48}^{8}\ \Phi_{40}^{10}\ \Phi_{30}^{5}\ \Phi_{24}^{8}\ \Phi_{16}^{9}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{8}^{9}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
150509	1885	336	$\frac{1}{24}$	$\frac{23}{168}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{336}^{8}\ \Phi_{168}^{5}\ \Phi_{112}^{8}\ \Phi_{84}^{5}\ \Phi_{56}^{5}\ \Phi_{42}^{5}\ \Phi_{28}^{5}\ \Phi_{21}^{5}\ \Phi_{16}\ \Phi_{14}^{5}\ \Phi_{8}\ \Phi_{7}^{5}\ \Phi_{1}$
150510	1885	304	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{304}^{8}\ \Phi_{152}^{5}\ \Phi_{76}^{5}\ \Phi_{38}^{5}\ \Phi_{19}^{5}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
150511	1885	2448	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{153}\ \Phi_{136}\ \Phi_{51}\ \Phi_{17}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
150512	1885	1296	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1296}^{2}\ \Phi_{648}^{2}\ \Phi_{432}^{2}\ \Phi_{216}^{2}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
150513	1885	32	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{32}^{65}\ \Phi_{16}^{53}\ \Phi_{8}^{53}\ \Phi_{4}^{52}\ \Phi_{2}^{52}\ \Phi_{1}^{53}$
150514	1885	2016	$\frac{131}{2016}$	$\frac{13}{144}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
150515	1885	624	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{624}^{4}\ \Phi_{312}^{4}\ \Phi_{208}^{4}\ \Phi_{156}\ \Phi_{104}^{4}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
150516	1885	2380	$\frac{3}{68}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{595}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{35}\ \Phi_{34}\ \Phi_{17}\ \Phi_{5}\ \Phi_{1}$
150517	1885	672	$\frac{1}{14}$	$\frac{3}{32}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{672}^{4}\ \Phi_{336}^{4}\ \Phi_{224}^{2}\ \Phi_{168}^{4}\ \Phi_{112}^{2}\ \Phi_{96}^{2}\ \Phi_{56}^{2}\ \Phi_{48}^{2}\ \Phi_{42}^{2}\ \Phi_{32}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
150518	1885	288	$\frac{3}{32}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{288}^{8}\ \Phi_{144}^{8}\ \Phi_{96}^{8}\ \Phi_{72}^{5}\ \Phi_{48}^{8}\ \Phi_{36}^{5}\ \Phi_{32}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{16}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{8}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}$
150519	1885	432	$\frac{1}{18}$	$\frac{55}{432}$	$\frac{1}{6}$	$\frac{17}{72}$	$\Phi_{432}^{5}\ \Phi_{216}^{5}\ \Phi_{144}^{5}\ \Phi_{108}^{5}\ \Phi_{54}^{5}\ \Phi_{48}^{5}\ \Phi_{27}^{5}\ \Phi_{18}^{5}\ \Phi_{16}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
150520	1885	2016	$\frac{131}{2016}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{168}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
150521	1885	450	$\frac{1}{18}$	$\frac{73}{450}$	$\frac{1}{6}$	$\frac{17}{90}$	$\Phi_{450}^{5}\ \Phi_{225}^{5}\ \Phi_{150}^{5}\ \Phi_{75}^{5}\ \Phi_{50}^{5}\ \Phi_{25}^{5}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
150522	1885	560	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{3}{16}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{140}^{4}\ \Phi_{80}^{4}\ \Phi_{70}^{4}\ \Phi_{40}^{4}\ \Phi_{35}^{5}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
150523	1885	462	$\frac{37}{462}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{85}{462}$	$\Phi_{462}^{4}\ \Phi_{231}^{4}\ \Phi_{154}^{4}\ \Phi_{77}^{4}\ \Phi_{66}^{4}\ \Phi_{42}^{5}\ \Phi_{33}^{4}\ \Phi_{22}^{4}\ \Phi_{21}^{5}\ \Phi_{14}^{5}\ \Phi_{11}^{4}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
150524	1885	210	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{35}$	$\Phi_{210}^{13}\ \Phi_{105}^{13}\ \Phi_{70}^{6}\ \Phi_{42}^{2}\ \Phi_{35}^{7}\ \Phi_{30}^{13}\ \Phi_{21}^{2}\ \Phi_{15}^{13}\ \Phi_{14}\ \Phi_{10}^{6}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}^{7}\ \Phi_{3}\ \Phi_{1}$
150525	1885	2520	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{360}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{120}\ \Phi_{105}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
150526	1886	1508	$\frac{1}{377}$	$\frac{189}{754}$	$\frac{565}{1508}$	$\frac{188}{377}$	$\Phi_{1508}^{2}\ \Phi_{377}\ \Phi_{116}^{2}\ \Phi_{52}^{2}\ \Phi_{29}\ \Phi_{13}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
150527	1886	1880	$\frac{3}{940}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{937}{1880}$	$\Phi_{1880}^{2}\ \Phi_{376}^{2}\ \Phi_{40}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
150528	1886	5640	$\frac{3}{940}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{937}{1880}$	$\Phi_{5640}\ \Phi_{1128}\ \Phi_{120}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
150529	1886	1875	$\frac{11}{1875}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{932}{1875}$	$\Phi_{1875}\ \Phi_{625}\ \Phi_{375}\ \Phi_{125}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
150530	1886	1260	$\frac{2}{315}$	$\frac{1}{5}$	$\frac{317}{1260}$	$\frac{313}{630}$	$\Phi_{1260}^{2}\ \Phi_{420}^{2}\ \Phi_{315}^{2}\ \Phi_{252}^{2}\ \Phi_{180}^{2}\ \Phi_{140}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{63}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
150531	1886	1740	$\frac{1}{145}$	$\frac{73}{870}$	$\frac{797}{1740}$	$\frac{72}{145}$	$\Phi_{1740}^{2}\ \Phi_{580}^{2}\ \Phi_{348}^{2}\ \Phi_{145}\ \Phi_{116}^{2}\ \Phi_{60}^{2}\ \Phi_{29}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
150532	1886	1305	$\frac{1}{145}$	$\frac{73}{435}$	$\frac{362}{1305}$	$\frac{72}{145}$	$\Phi_{1305}^{2}\ \Phi_{261}^{2}\ \Phi_{145}\ \Phi_{45}^{2}\ \Phi_{29}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
150533	1886	1160	$\frac{1}{145}$	$\frac{217}{1160}$	$\frac{73}{290}$	$\frac{72}{145}$	$\Phi_{1160}^{2}\ \Phi_{580}^{2}\ \Phi_{232}^{2}\ \Phi_{145}\ \Phi_{116}^{2}\ \Phi_{40}^{2}\ \Phi_{29}\ \Phi_{20}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
150534	1886	1872	$\frac{7}{936}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{929}{1872}$	$\Phi_{1872}^{2}\ \Phi_{624}^{2}\ \Phi_{208}^{2}\ \Phi_{144}^{2}\ \Phi_{48}^{2}\ \Phi_{16}^{2}\ \Phi_{13}\ \Phi_{1}^{2}$
150535	1886	1872	$\frac{7}{936}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{929}{1872}$	$\Phi_{1872}^{2}\ \Phi_{624}^{2}\ \Phi_{208}^{2}\ \Phi_{144}^{2}\ \Phi_{48}^{2}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{12}\ \Phi_{6}$
150536	1886	3564	$\frac{1}{81}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{40}{81}$	$\Phi_{3564}\ \Phi_{1188}\ \Phi_{396}\ \Phi_{324}\ \Phi_{132}\ \Phi_{108}\ \Phi_{81}\ \Phi_{44}^{2}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
150537	1886	891	$\frac{1}{81}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{40}{81}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{99}^2\ \Phi_{81}^3\ \Phi_{33}^3\ \Phi_{27}^3\ \Phi_{11}^2\ \Phi_9^3\ \Phi_3^4\ \Phi_1^4$
150538	1886	1860	$\frac{13}{930}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{917}{1860}$	$\Phi_{1860}^2\ \Phi_{620}^2\ \Phi_{372}^2\ \Phi_{124}^2\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
150539	1886	1080	$\frac{2}{135}$	$\frac{137}{1080}$	$\frac{1}{5}$	$\frac{133}{270}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
150540	1886	1820	$\frac{1}{65}$	$\frac{33}{910}$	$\frac{877}{1820}$	$\frac{32}{65}$	$\Phi_{1820}^2\ \Phi_{364}^2\ \Phi_{260}^2\ \Phi_{140}^2\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{13}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
150541	1886	1365	$\frac{1}{65}$	$\frac{33}{455}$	$\frac{422}{1365}$	$\frac{32}{65}$	$\Phi_{1365}^2\ \Phi_{273}^2\ \Phi_{195}^2\ \Phi_{105}^2\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
150542	1886	1040	$\frac{1}{65}$	$\frac{97}{1040}$	$\frac{33}{130}$	$\frac{32}{65}$	$\Phi_{1040}^2\ \Phi_{520}^2\ \Phi_{260}^2\ \Phi_{208}^2\ \Phi_{104}^2\ \Phi_{80}^2\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
150543	1886	1856	$\frac{15}{928}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{913}{1856}$	$\Phi_{1856}^2\ \Phi_{64}^2\ \Phi_{29}\ \Phi_1^2$
150544	1886	5568	$\frac{15}{928}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{913}{1856}$	$\Phi_{5568}\ \Phi_{192}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
150545	1886	1855	$\frac{31}{1855}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{912}{1855}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{265}\ \Phi_{53}\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
150546	1886	1050	$\frac{2}{105}$	$\frac{107}{1050}$	$\frac{1}{5}$	$\frac{103}{210}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{35}^2\ \Phi_{25}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
150547	1886	720	$\frac{1}{45}$	$\frac{1}{40}$	$\frac{39}{80}$	$\frac{22}{45}$	$\Phi_{720}^5\ \Phi_{240}^5\ \Phi_{144}^5\ \Phi_{80}^6\ \Phi_{48}^5\ \Phi_{45}\ \Phi_{16}^6\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
150548	1886	180	$\frac{1}{45}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{22}{45}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^{11}\ \Phi_{45}^{11}\ \Phi_{36}^{10}\ \Phi_{30}^{11}\ \Phi_{20}^{10}\ \Phi_{18}^{10}\ \Phi_{15}^{12}\ \Phi_{12}^{11}\ \Phi_{10}^{10}\ \Phi_9^{11}\ \Phi_6^{11}\ \Phi_5^{11}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
150549	1886	1980	$\frac{1}{45}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{22}{45}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
150550	1886	45	$\frac{1}{45}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{22}{45}$	$\Phi_{45}^{42}\ \Phi_{15}^{42}\ \Phi_9^{42}\ \Phi_5^{41}\ \Phi_3^{42}\ \Phi_1^{42}$
150551	1886	450	$\frac{1}{45}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{22}{45}$	$\Phi_{450}^5\ \Phi_{225}^5\ \Phi_{150}^5\ \Phi_{75}^5\ \Phi_{50}^6\ \Phi_{45}\ \Phi_{25}^6\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
150552	1886	720	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{22}{45}$	$\Phi_{720}^3\ \Phi_{360}^2\ \Phi_{240}^3\ \Phi_{180}^2\ \Phi_{144}^3\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{80}^3\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{48}^4\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^4\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_8^2\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
150553	1886	240	$\frac{1}{40}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{240}^{15}\ \Phi_{80}^{16}\ \Phi_{48}^{15}\ \Phi_{24}^2\ \Phi_{16}^{16}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150554	1886	240	$\frac{1}{40}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{39}{80}$	$\Phi_{240}^{15}\ \Phi_{80}^{16}\ \Phi_{48}^{15}\ \Phi_{30}^2\ \Phi_{16}^{16}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150555	1886	400	$\frac{1}{40}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{39}{80}$	$\Phi_{400}^{10}\ \Phi_{80}^6\ \Phi_{25}^2\ \Phi_{16}^6\ \Phi_5\ \Phi_1^2$
150556	1886	2160	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{39}{80}$	$\Phi_{2160}^2\ \Phi_{720}\ \Phi_{432}^2\ \Phi_{240}\ \Phi_{144}\ \Phi_{80}^2\ \Phi_{48}\ \Phi_{27}^2\ \Phi_{16}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
150557	1886	1827	$\frac{59}{1827}$	$\frac{1}{29}$	$\frac{28}{87}$	$\frac{884}{1827}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{261}\ \Phi_{203}\ \Phi_{87}^2\ \Phi_{63}\ \Phi_{29}\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
150558	1886	1392	$\frac{15}{464}$	$\frac{1}{29}$	$\frac{449}{1392}$	$\frac{14}{29}$	$\Phi_{1392}^2\ \Phi_{696}^2\ \Phi_{348}^2\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{48}^2\ \Phi_{29}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
150559	1886	986	$\frac{1}{29}$	$\frac{43}{986}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{986}^2\ \Phi_{493}^2\ \Phi_{34}^2\ \Phi_{29}\ \Phi_{17}^2\ \Phi_1^2$
150560	1886	1160	$\frac{1}{29}$	$\frac{15}{232}$	$\frac{217}{1160}$	$\frac{14}{29}$	$\Phi_{1160}^2\ \Phi_{580}^2\ \Phi_{290}^2\ \Phi_{145}^2\ \Phi_{40}^2\ \Phi_{29}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
150561	1886	1044	$\frac{1}{29}$	$\frac{101}{1044}$	$\frac{15}{116}$	$\frac{14}{29}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{348}^2\ \Phi_{261}^2\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{36}^2\ \Phi_{29}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
150562	1886	1820	$\frac{33}{910}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{877}{1820}$	$\Phi_{1820}^2\ \Phi_{364}^2\ \Phi_{260}^2\ \Phi_{140}^2\ \Phi_{52}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
150563	1886	1276	$\frac{1}{29}$	$\frac{14}{319}$	$\frac{333}{1276}$	$\frac{305}{638}$	$\Phi_{1276}^2\ \Phi_{319}^2\ \Phi_{116}^2\ \Phi_{44}^2\ \Phi_{29}\ \Phi_{11}^2\ \Phi_4^2\ \Phi_1^2$
150564	1886	990	$\frac{2}{45}$	$\frac{47}{990}$	$\frac{1}{5}$	$\frac{43}{90}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
150565	1886	924	$\frac{1}{42}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{924}^4\ \Phi_{308}^4\ \Phi_{132}^3\ \Phi_{84}^4\ \Phi_{44}^4\ \Phi_{42}^2\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150566	1886	1188	$\frac{1}{27}$	$\frac{1}{22}$	$\frac{13}{54}$	$\frac{21}{44}$	$\Phi_{1188}^3\ \Phi_{396}^3\ \Phi_{132}^3\ \Phi_{108}^3\ \Phi_{54}^2\ \Phi_{44}^4\ \Phi_{36}^3\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150567	1886	1980	$\frac{1}{22}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{21}{44}$	$\Phi_{1980}^2\ \Phi_{660}^2\ \Phi_{396}\ \Phi_{220}^2\ \Phi_{180}^2\ \Phi_{132}\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_9\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
150568	1886	1800	$\frac{2}{45}$	$\frac{43}{900}$	$\frac{1}{5}$	$\frac{857}{1800}$	$\Phi_{1800}^2\ \Phi_{600}^2\ \Phi_{360}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
150569	1886	3666	$\frac{1}{47}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{3666}\ \Phi_{1222}\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}$
150570	1886	78	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{37}{78}$	$\Phi_{78}^{20}\ \Phi_{39}^{26}\ \Phi_{26}^{24}\ \Phi_{13}^{29}\ \Phi_{6}^{20}\ \Phi_{3}^{26}\ \Phi_{2}^{24}\ \Phi_{1}^{30}$
150571	1886	1785	$\frac{4}{105}$	$\frac{101}{1785}$	$\frac{1}{5}$	$\frac{842}{1785}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}^2\ \Phi_{85}\ \Phi_{51}\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_{7}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
150572	1886	980	$\frac{37}{980}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{245}^2\ \Phi_{196}^2\ \Phi_{140}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{7}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
150573	1886	960	$\frac{17}{960}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
150574	1886	1770	$\frac{1}{59}$	$\frac{58}{885}$	$\frac{1}{3}$	$\frac{827}{1770}$	$\Phi_{1770}^2\ \Phi_{590}^2\ \Phi_{354}^2\ \Phi_{177}\ \Phi_{118}^2\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{2}^2$
150575	1886	2632	$\frac{1}{47}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{2632}\ \Phi_{658}\ \Phi_{376}\ \Phi_{329}\ \Phi_{94}$
150576	1886	1755	$\frac{1}{65}$	$\frac{131}{1755}$	$\frac{64}{195}$	$\frac{812}{1755}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}^2\ \Phi_{135}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}^2\ \Phi_{27}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
150577	1886	1755	$\frac{4}{135}$	$\frac{131}{1755}$	$\frac{1}{5}$	$\frac{812}{1755}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}^2\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
150578	1886	1404	$\frac{7}{468}$	$\frac{1}{13}$	$\frac{461}{1404}$	$\frac{6}{13}$	$\Phi_{1404}^2\ \Phi_{702}^2\ \Phi_{351}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{13}\ \Phi_{1}^2$
150579	1886	962	$\frac{19}{962}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{962}^2\ \Phi_{481}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{13}\ \Phi_{1}^2$
150580	1886	1248	$\frac{7}{312}$	$\frac{1}{13}$	$\frac{305}{1248}$	$\frac{6}{13}$	$\Phi_{1248}^2\ \Phi_{624}^2\ \Phi_{416}^2\ \Phi_{208}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{1}^2$
150581	1886	1170	$\frac{7}{234}$	$\frac{1}{13}$	$\frac{227}{1170}$	$\frac{6}{13}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{90}^2\ \Phi_{65}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{1}^2$
150582	1886	975	$\frac{32}{975}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{195}^2\ \Phi_{75}^2\ \Phi_{65}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{5}^2\ \Phi_{1}^2$
150583	1886	1092	$\frac{7}{156}$	$\frac{1}{13}$	$\frac{149}{1092}$	$\frac{6}{13}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_{7}^2\ \Phi_{1}^2$
150584	1886	988	$\frac{45}{988}$	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{6}{13}$	$\Phi_{988}^2\ \Phi_{494}^2\ \Phi_{247}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{13}\ \Phi_{1}^2$
150585	1886	1053	$\frac{7}{117}$	$\frac{1}{13}$	$\frac{110}{1053}$	$\frac{6}{13}$	$\Phi_{1053}^2\ \Phi_{351}^2\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_{13}\ \Phi_{1}^2$
150586	1886	1040	$\frac{7}{104}$	$\frac{1}{13}$	$\frac{97}{1040}$	$\frac{6}{13}$	$\Phi_{1040}^2\ \Phi_{520}^2\ \Phi_{260}^2\ \Phi_{208}^2\ \Phi_{130}^2\ \Phi_{80}^2\ \Phi_{65}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{1}^2$
150587	1886	1014	$\frac{71}{1014}$	$\frac{1}{13}$	$\frac{7}{78}$	$\frac{6}{13}$	$\Phi_{1014}^2\ \Phi_{507}^2\ \Phi_{338}^2\ \Phi_{169}^2\ \Phi_{13}\ \Phi_{1}^2$
150588	1886	1740	$\frac{1}{29}$	$\frac{73}{870}$	$\frac{14}{87}$	$\frac{797}{1740}$	$\Phi_{1740}^2\ \Phi_{580}^2\ \Phi_{348}^2\ \Phi_{116}^2\ \Phi_{87}^2\ \Phi_{60}^2\ \Phi_{29}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
150589	1886	3486	$\frac{1}{83}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{3486}\ \Phi_{1162}\ \Phi_{498}\ \Phi_{249}\ \Phi_{166}$
150590	1886	1300	$\frac{1}{65}$	$\frac{32}{325}$	$\frac{357}{1300}$	$\frac{293}{650}$	$\Phi_{1300}^2\ \Phi_{325}^2\ \Phi_{260}^2\ \Phi_{100}^2\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
150591	1886	1680	$\frac{2}{105}$	$\frac{103}{840}$	$\frac{1}{5}$	$\frac{737}{1680}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{112}^2\ \Phi_{105}^2\ \Phi_{80}^2\ \Phi_{48}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{7}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
150592	1886	2656	$\frac{1}{83}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{2656}\ \Phi_{664}\ \Phi_{332}\ \Phi_{166}$
150593	1886	960	$\frac{17}{960}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
150594	1886	3384	$\frac{1}{47}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{3384}\ \Phi_{1128}\ \Phi_{376}\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}$
150595	1886	4956	$\frac{1}{118}$	$\frac{117}{826}$	$\frac{1}{3}$	$\frac{709}{1652}$	$\Phi_{4956}\ \Phi_{708}\ \Phi_{354}\ \Phi_{177}\ \Phi_{84}\ \Phi_{12}\ \Phi_{6}$
150596	1886	3320	$\frac{1}{83}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{3320}\ \Phi_{664}\ \Phi_{332}\ \Phi_{166}$
150597	1886	1625	$\frac{1}{65}$	$\frac{261}{1625}$	$\frac{64}{325}$	$\frac{682}{1625}$	$\Phi_{1625}\ \Phi_{325}^2\ \Phi_{125}\ \Phi_{65}\ \Phi_{25}^2\ \Phi_{13}\ \Phi_{5}\ \Phi_{1}^2$
150598	1886	1044	$\frac{1}{29}$	$\frac{101}{1044}$	$\frac{14}{87}$	$\frac{73}{174}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{348}^2\ \Phi_{261}^2\ \Phi_{116}^2\ \Phi_{87}^2\ \Phi_{36}^2\ \Phi_{29}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
150599	1886	1170	$\frac{1}{65}$	$\frac{32}{195}$	$\frac{227}{1170}$	$\frac{163}{390}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{234}^2\ \Phi_{195}^2\ \Phi_{117}^2\ \Phi_{90}^2\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{39}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
150600	1886	1620	$\frac{2}{135}$	$\frac{133}{810}$	$\frac{1}{5}$	$\frac{677}{1620}$	$\Phi_{1620}^2\ \Phi_{540}^2\ \Phi_{324}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
150601	1886	2256	$\frac{1}{47}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{752}\ \Phi_{376}\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}$
150602	1886	3290	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{3290}\ \Phi_{658}\ \Phi_{470}\ \Phi_{329}\ \Phi_{94}$
150603	1886	1595	$\frac{1}{29}$	$\frac{28}{319}$	$\frac{291}{1595}$	$\frac{652}{1595}$	$\Phi_{1595}\ \Phi_{319}^2\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
150604	1886	1575	$\frac{4}{315}$	$\frac{311}{1575}$	$\frac{1}{5}$	$\frac{632}{1575}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}^2\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}^2\ \Phi_{75}\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{25}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
150605	1886	1410	$\frac{3}{470}$	$\frac{1}{5}$	$\frac{467}{1410}$	$\frac{2}{5}$	$\Phi_{1410}^2\ \Phi_{705}^2\ \Phi_{282}^2\ \Phi_{141}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
150606	1886	950	$\frac{7}{950}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{950}^2\ \Phi_{475}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{50}^2\ \Phi_{38}^2\ \Phi_{25}^2\ \Phi_{19}^2\ \Phi_5\ \Phi_1^2$
150607	1886	1175	$\frac{3}{235}$	$\frac{232}{1175}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1175}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
150608	1886	960	$\frac{17}{960}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
150609	1886	1560	$\frac{1}{65}$	$\frac{32}{195}$	$\frac{163}{780}$	$\frac{617}{1560}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}^2\ \Phi_{195}^2\ \Phi_{120}^2\ \Phi_{104}^2\ \Phi_{65}\ \Phi_{40}^2\ \Phi_{39}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
150610	1886	2988	$\frac{1}{83}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{2988}\ \Phi_{996}\ \Phi_{498}\ \Phi_{332}\ \Phi_{249}\ \Phi_{166}$
150611	1886	1416	$\frac{1}{236}$	$\frac{235}{708}$	$\frac{1}{3}$	$\frac{473}{1416}$	$\Phi_{1416}^2\ \Phi_{708}\ \Phi_{472}^2\ \Phi_{354}\ \Phi_{177}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_6$
150612	1886	1062	$\frac{1}{59}$	$\frac{119}{1062}$	$\frac{58}{177}$	$\frac{1}{3}$	$\Phi_{1062}^2\ \Phi_{531}^2\ \Phi_{354}^2\ \Phi_{177}\ \Phi_{118}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_2^2$
150613	1886	1392	$\frac{15}{464}$	$\frac{1}{16}$	$\frac{449}{1392}$	$\frac{1}{3}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}^2\ \Phi_{348}\ \Phi_{232}^2\ \Phi_{174}\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{48}^2\ \Phi_{29}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150614	1886	120	$\frac{1}{24}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{120}^{16}\ \Phi_{60}^{15}\ \Phi_{40}^{16}\ \Phi_{30}^{15}\ \Phi_{24}^{18}\ \Phi_{20}^{14}\ \Phi_{15}^{15}\ \Phi_{12}^{17}\ \Phi_{10}^{14}\ \Phi_8^{18}\ \Phi_6^{17}\ \Phi_5^{14}\ \Phi_4^{16}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{16}$
150615	1886	462	$\frac{1}{42}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}^4\ \Phi_{42}^6\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{11}^2\ \Phi_7^6\ \Phi_6^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
150616	1886	960	$\frac{17}{960}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
150617	1886	1128	$\frac{3}{188}$	$\frac{185}{1128}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1128}^2\ \Phi_{564}\ \Phi_{376}^2\ \Phi_{282}\ \Phi_{188}^2\ \Phi_{141}\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150618	1886	960	$\frac{17}{960}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150619	1886	264	$\frac{1}{24}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{264}^8\ \Phi_{132}^7\ \Phi_{88}^8\ \Phi_{66}^7\ \Phi_{44}^8\ \Phi_{33}^7\ \Phi_{24}^2\ \Phi_{22}^8\ \Phi_{12}^2\ \Phi_{11}^8\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150620	1886	1248	$\frac{7}{312}$	$\frac{1}{8}$	$\frac{305}{1248}$	$\frac{1}{3}$	$\Phi_{1248}^2\ \Phi_{624}^2\ \Phi_{416}^2\ \Phi_{208}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
150621	1886	3540	$\frac{1}{59}$	$\frac{58}{295}$	$\frac{237}{1180}$	$\frac{1}{3}$	$\Phi_{3540}\ \Phi_{1770}\ \Phi_{708}\ \Phi_{354}\ \Phi_{177}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}\ \Phi_6$
150622	1886	360	$\frac{1}{24}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^4\ \Phi_{90}^6\ \Phi_{72}^6\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{40}^4\ \Phi_{36}^6\ \Phi_{30}^4\ \Phi_{24}^6\ \Phi_{20}^4\ \Phi_{18}^6\ \Phi_{15}^3\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_9^4\ \Phi_8^6\ \Phi_6^6\ \Phi_5^2\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
150623	1886	600	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{200}^4\ \Phi_{150}^3\ \Phi_{100}^4\ \Phi_{75}^3\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150624	1886	48	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{48}^{46}\ \Phi_{24}^{33}\ \Phi_{16}^{46}\ \Phi_{12}^{33}\ \Phi_8^{32}\ \Phi_6^{33}\ \Phi_4^{32}\ \Phi_3^{32}\ \Phi_2^{32}\ \Phi_1^{32}$
150625	1886	1008	$\frac{65}{1008}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_6$
150626	1886	3120	$\frac{7}{104}$	$\frac{97}{1040}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{624}\ \Phi_{390}\ \Phi_{240}\ \Phi_{195}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
150627	1886	1215	$\frac{2}{135}$	$\frac{1}{5}$	$\frac{272}{1215}$	$\frac{133}{405}$	$\Phi_{1215}^2\ \Phi_{243}^2\ \Phi_{135}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
150628	1886	1170	$\frac{1}{65}$	$\frac{227}{1170}$	$\frac{131}{585}$	$\frac{64}{195}$	$\Phi_{1170}^2\ \Phi_{585}\ \Phi_{390}^2\ \Phi_{234}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{117}\ \Phi_{90}^2\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
150629	1886	1395	$\frac{13}{465}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{452}{1395}$	$\Phi_{1395}^2\ \Phi_{279}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
150630	1886	1044	$\frac{1}{29}$	$\frac{101}{1044}$	$\frac{59}{261}$	$\frac{28}{87}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{348}^2\ \Phi_{261}\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{36}^2\ \Phi_{29}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
150631	1886	1218	$\frac{1}{29}$	$\frac{59}{609}$	$\frac{275}{1218}$	$\frac{28}{87}$	$\Phi_{1218}^2\ \Phi_{609}\ \Phi_{406}^2\ \Phi_{203}\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{42}^2\ \Phi_{29}\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
150632	1886	60	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{19}{60}$	$\Phi_{60}^{31}\ \Phi_{30}^{33}\ \Phi_{20}^{30}\ \Phi_{15}^{32}\ \Phi_{12}^{31}\ \Phi_{10}^{32}\ \Phi_{6}^{33}\ \Phi_{5}^{31}\ \Phi_{4}^{30}\ \Phi_{3}^{32}\ \Phi_{2}^{32}\ \Phi_{1}^{32}$
150633	1886	300	$\frac{1}{20}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{19}{60}$	$\Phi_{300}^{10}\ \Phi_{150}^{10}\ \Phi_{75}^{10}\ \Phi_{60}^{6}\ \Phi_{30}^{6}\ \Phi_{25}^{2}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
150634	1886	540	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{19}{60}$	$\Phi_{540}^{4}\ \Phi_{270}^{4}\ \Phi_{180}^{2}\ \Phi_{135}^{4}\ \Phi_{108}^{4}\ \Phi_{90}^{2}\ \Phi_{60}^{3}\ \Phi_{54}^{4}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{3}\ \Phi_{27}^{6}$ $\Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
150635	1886	1365	$\frac{2}{35}$	$\frac{33}{455}$	$\frac{1}{5}$	$\frac{422}{1365}$	$\Phi_{1365}^{2}\ \Phi_{273}^{2}\ \Phi_{195}^{2}\ \Phi_{105}^{2}\ \Phi_{39}^{2}\ \Phi_{35}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
150636	1886	182	$\frac{1}{13}$	$\frac{9}{91}$	$\frac{3}{26}$	$\frac{4}{13}$	$\Phi_{182}^{13}\ \Phi_{91}^{10}\ \Phi_{26}^{4}\ \Phi_{14}^{13}\ \Phi_{13}^{3}\ \Phi_{7}^{10}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
150637	1886	594	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{13}{54}$	$\frac{10}{33}$	$\Phi_{594}^{4}\ \Phi_{297}^{2}\ \Phi_{198}^{4}\ \Phi_{99}^{2}\ \Phi_{66}^{4}\ \Phi_{54}^{6}\ \Phi_{33}^{3}\ \Phi_{27}^{3}\ \Phi_{22}^{4}\ \Phi_{18}^{6}\ \Phi_{11}^{2}\ \Phi_{9}^{3}$ $\Phi_{6}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{4}$
150638	1886	495	$\frac{4}{45}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{10}{33}$	$\Phi_{495}^{4}\ \Phi_{165}^{4}\ \Phi_{99}^{2}\ \Phi_{55}^{4}\ \Phi_{45}^{6}\ \Phi_{33}^{3}\ \Phi_{15}^{6}\ \Phi_{11}^{2}\ \Phi_{9}^{3}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
150639	1886	1350	$\frac{2}{45}$	$\frac{43}{450}$	$\frac{1}{5}$	$\frac{407}{1350}$	$\Phi_{1350}^{2}\ \Phi_{675}^{2}\ \Phi_{270}^{2}\ \Phi_{135}^{2}\ \Phi_{54}^{2}\ \Phi_{45}^{2}\ \Phi_{27}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
150640	1886	234	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{3}{26}$	$\frac{35}{117}$	$\Phi_{234}^{13}\ \Phi_{117}^{10}\ \Phi_{26}^{4}\ \Phi_{18}^{13}\ \Phi_{13}^{3}\ \Phi_{9}^{10}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
150641	1886	2538	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{2538}\ \Phi_{1269}\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}$
150642	1886	1305	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{73}{435}$	$\frac{362}{1305}$	$\Phi_{1305}^{2}\ \Phi_{261}^{2}\ \Phi_{87}^{2}\ \Phi_{45}^{2}\ \Phi_{29}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
150643	1886	1125	$\frac{11}{375}$	$\frac{182}{1125}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1125}^{2}\ \Phi_{375}\ \Phi_{225}^{2}\ \Phi_{125}\ \Phi_{75}\ \Phi_{45}^{2}\ \Phi_{25}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
150644	1886	975	$\frac{32}{975}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{975}^{2}\ \Phi_{325}^{2}\ \Phi_{195}^{2}\ \Phi_{75}\ \Phi_{65}^{2}\ \Phi_{39}^{2}\ \Phi_{25}\ \Phi_{15}^{2}\ \Phi_{13}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
150645	1886	1260	$\frac{2}{105}$	$\frac{1}{5}$	$\frac{103}{420}$	$\frac{317}{1260}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{252}^{2}\ \Phi_{180}^{2}\ \Phi_{126}^{2}\ \Phi_{105}^{2}\ \Phi_{90}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}$ $\Phi_{35}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
150646	1886	660	$\frac{1}{15}$	$\frac{3}{44}$	$\frac{7}{30}$	$\frac{1}{4}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{220}^{3}\ \Phi_{165}^{3}\ \Phi_{132}^{3}\ \Phi_{110}^{3}\ \Phi_{66}^{3}\ \Phi_{55}^{3}\ \Phi_{44}^{4}\ \Phi_{33}^{3}\ \Phi_{30}^{2}$ $\Phi_{22}^{4}\ \Phi_{15}\ \Phi_{11}^{4}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
150647	1886	1100	$\frac{3}{44}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1100}^{2}\ \Phi_{550}^{2}\ \Phi_{275}^{2}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}^{2}\ \Phi_{25}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
150648	1886	1188	$\frac{3}{44}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{4}$	$\Phi_{1188}^{2}\ \Phi_{594}^{2}\ \Phi_{396}\ \Phi_{297}^{2}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}^{2}\ \Phi_{33}\ \Phi_{27}^{2}$ $\Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
150649	1886	1080	$\frac{2}{45}$	$\frac{137}{1080}$	$\frac{1}{5}$	$\frac{43}{180}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{270}^{2}\ \Phi_{216}^{2}\ \Phi_{135}^{2}\ \Phi_{120}^{2}\ \Phi_{108}^{2}\ \Phi_{72}^{2}\ \Phi_{54}^{2}\ \Phi_{45}^{2}$ $\Phi_{40}^{2}\ \Phi_{27}^{2}\ \Phi_{24}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
150650	1886	90	$\frac{1}{15}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{7}{30}$	$\Phi_{90}^{30}\ \Phi_{45}^{16}\ \Phi_{30}^{22}\ \Phi_{18}^{30}\ \Phi_{15}^{12}\ \Phi_{10}^{22}\ \Phi_{9}^{16}\ \Phi_{6}^{22}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{2}^{22}\ \Phi_{1}^{12}$
150651	1886	150	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{7}{30}$	$\Phi_{150}^{15}\ \Phi_{75}^{15}\ \Phi_{50}^{16}\ \Phi_{30}^{2}\ \Phi_{25}^{16}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
150652	1886	240	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{7}{30}$	$\Phi_{240}^{9}\ \Phi_{120}^{6}\ \Phi_{80}^{9}\ \Phi_{60}^{6}\ \Phi_{48}^{10}\ \Phi_{40}^{6}\ \Phi_{30}^{8}\ \Phi_{24}^{7}\ \Phi_{20}^{6}\ \Phi_{16}^{10}\ \Phi_{15}^{7}\ \Phi_{12}^{7}$ $\Phi_{10}^{8}\ \Phi_{8}^{6}\ \Phi_{6}^{9}\ \Phi_{5}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
150653	1886	52	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{2}{13}$	$\frac{11}{52}$	$\Phi_{52}^{46}\ \Phi_{26}^{24}\ \Phi_{13}^{29}\ \Phi_{4}^{46}\ \Phi_{2}^{24}\ \Phi_{1}^{30}$
150654	1886	225	$\frac{2}{25}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{225}^{10}\ \Phi_{75}^{10}\ \Phi_{45}^{6}\ \Phi_{25}^{2}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
150655	1886	1125	$\frac{2}{45}$	$\frac{182}{1125}$	$\frac{43}{225}$	$\frac{1}{5}$	$\Phi_{1125}^{2}\ \Phi_{375}^{2}\ \Phi_{125}^{2}\ \Phi_{45}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
150656	1886	50	$\frac{2}{25}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{5}$	$\Phi_{50}^{36}\ \Phi_{25}^{38}\ \Phi_{10}^{40}\ \Phi_{5}^{41}\ \Phi_{2}^{40}\ \Phi_{1}^{42}$
150657	1886	135	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{5}$	$\Phi_{135}^{16}\ \Phi_{45}^{9}\ \Phi_{27}^{18}\ \Phi_{15}^{9}\ \Phi_{9}^{10}\ \Phi_{5}^{8}\ \Phi_{3}^{10}\ \Phi_{1}^{10}$
150658	1886	1200	$\frac{2}{25}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{5}$	$\Phi_{1200}^{2}\ \Phi_{600}^{2}\ \Phi_{400}^{2}\ \Phi_{300}^{2}\ \Phi_{240}\ \Phi_{150}^{2}\ \Phi_{120}\ \Phi_{80}\ \Phi_{75}^{2}\ \Phi_{60}\ \Phi_{48}^{2}$ $\Phi_{30}\ \Phi_{25}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
150659	1886	1350	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{9}{50}$	$\Phi_{1350}^{2}\ \Phi_{675}^{2}\ \Phi_{450}\ \Phi_{225}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}^{2}\ \Phi_{27}^{2}\ \Phi_{25}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
150660	1886	432	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{4}{27}$	$\Phi_{432}^{6}\ \Phi_{216}^{4}\ \Phi_{144}^{3}\ \Phi_{108}^{4}\ \Phi_{72}^{2}\ \Phi_{54}^{4}\ \Phi_{48}^{4}\ \Phi_{36}^{2}\ \Phi_{27}^{6}\ \Phi_{24}^{3}\ \Phi_{18}^{2}\ \Phi_{16}^{4}$ $\Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
150661	1887	2508	$\frac{2}{627}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{625}{1254}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{627}\ \Phi_{228}\ \Phi_{209}\ \Phi_{132}\ \Phi_{76}\ \Phi_{57}\ \Phi_{44}\ \Phi_{33}\ \Phi_{19}$ $\Phi_{12}^{2}\ \Phi_{11}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150662	1887	840	$\frac{1}{210}$	$\frac{1}{4}$	$\frac{211}{840}$	$\frac{209}{420}$	$\Phi_{840}^{3}\ \Phi_{420}^{2}\ \Phi_{280}^{3}\ \Phi_{210}\ \Phi_{168}^{3}\ \Phi_{140}^{2}\ \Phi_{120}^{3}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{70}\ \Phi_{60}^{2}$ $\Phi_{56}^{3}\ \Phi_{42}\ \Phi_{40}^{3}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^{2}\ \Phi_{24}^{3}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{10}$ $\Phi_{8}^{3}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150663	1887	2500	$\frac{4}{625}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{621}{1250}$	$\Phi_{2500}\ \Phi_{625}\ \Phi_{500}\ \Phi_{125}\ \Phi_{100}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
150664	1887	756	$\frac{1}{126}$	$\frac{127}{756}$	$\frac{1}{4}$	$\frac{125}{252}$	$\Phi_{756}^{3}\ \Phi_{378}^{3}\ \Phi_{252}^{2}\ \Phi_{189}^{3}\ \Phi_{126}\ \Phi_{108}^{3}\ \Phi_{84}^{2}\ \Phi_{63}\ \Phi_{54}^{3}\ \Phi_{42}\ \Phi_{36}^{2}$ $\Phi_{28}^{2}\ \Phi_{27}^{3}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
150665	1887	1248	$\frac{5}{624}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{619}{1248}$	$\Phi_{1248}^3\ \Phi_{416}^3\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
150666	1887	1760	$\frac{1}{110}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{109}{220}$	$\Phi_{1760}^2\ \Phi_{352}^2\ \Phi_{220}\ \Phi_{160}^2\ \Phi_{44}\ \Phi_{32}^3\ \Phi_{20}\ \Phi_4\ \Phi_1$
150667	1887	1320	$\frac{1}{110}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{109}{220}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{330}^2\ \Phi_{264}^2\ \Phi_{220}\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{120}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
150668	1887	220	$\frac{1}{110}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{109}{220}$	$\Phi_{220}^9\ \Phi_{110}^8\ \Phi_{55}^8\ \Phi_{44}^9\ \Phi_{22}^8\ \Phi_{20}^{10}\ \Phi_{11}^8\ \Phi_{10}^9\ \Phi_5^9\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
150669	1887	2492	$\frac{6}{623}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{617}{1246}$	$\Phi_{2492}\ \Phi_{623}\ \Phi_{356}\ \Phi_{89}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
150670	1887	720	$\frac{1}{90}$	$\frac{91}{720}$	$\frac{1}{4}$	$\frac{89}{180}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^2\ \Phi_{144}^3\ \Phi_{120}^3\ \Phi_{90}\ \Phi_{80}^3\ \Phi_{72}^3\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{45}\ \Phi_{40}^3\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
150671	1887	3608	$\frac{1}{82}$	$\frac{83}{1804}$	$\frac{1721}{3608}$	$\frac{81}{164}$	$\Phi_{3608}\ \Phi_{328}\ \Phi_{164}\ \Phi_{88}\ \Phi_8\ \Phi_4\ \Phi_1$
150672	1887	2484	$\frac{8}{621}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{613}{1242}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{621}\ \Phi_{276}\ \Phi_{207}\ \Phi_{108}\ \Phi_{92}\ \Phi_{69}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{23}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
150673	1887	700	$\frac{1}{70}$	$\frac{71}{700}$	$\frac{1}{4}$	$\frac{69}{140}$	$\Phi_{700}^3\ \Phi_{350}^3\ \Phi_{175}^3\ \Phi_{140}^2\ \Phi_{100}^3\ \Phi_{70}\ \Phi_{50}^3\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
150674	1887	1240	$\frac{9}{620}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{611}{1240}$	$\Phi_{1240}^3\ \Phi_{248}^3\ \Phi_{40}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
150675	1887	1800	$\frac{1}{50}$	$\frac{1}{36}$	$\frac{35}{72}$	$\frac{49}{100}$	$\Phi_{1800}^2\ \Phi_{600}^2\ \Phi_{360}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{100}\ \Phi_{72}^3\ \Phi_{40}^2\ \Phi_{24}^3\ \Phi_{20}\ \Phi_8^3\ \Phi_4\ \Phi_1$
150676	1887	3900	$\frac{1}{50}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{3900}\ \Phi_{1300}\ \Phi_{780}\ \Phi_{260}\ \Phi_{156}\ \Phi_{100}\ \Phi_{52}\ \Phi_{39}\ \Phi_{20}\ \Phi_{13}\ \Phi_4\ \Phi_1$
150677	1887	2700	$\frac{1}{50}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{49}{100}$	$\Phi_{2700}^2\ \Phi_{540}^2\ \Phi_{108}^2\ \Phi_{100}\ \Phi_{54}\ \Phi_{27}\ \Phi_{20}\ \Phi_4\ \Phi_1$
150678	1887	200	$\frac{1}{50}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{49}{100}$	$\Phi_{200}^{10}\ \Phi_{100}^9\ \Phi_{50}^8\ \Phi_{40}^{11}\ \Phi_{25}^8\ \Phi_{20}^{10}\ \Phi_{10}^9\ \Phi_8^{11}\ \Phi_5^9\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
150679	1887	1200	$\frac{1}{50}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{49}{100}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{100}\ \Phi_{80}^2\ \Phi_{48}^3\ \Phi_{40}^2\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
150680	1887	900	$\frac{1}{50}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{49}{100}$	$\Phi_{900}^4\ \Phi_{300}^4\ \Phi_{180}^4\ \Phi_{100}^5\ \Phi_{60}^4\ \Phi_{45}\ \Phi_{36}^4\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{12}^4\ \Phi_5\ \Phi_4^5\ \Phi_1$
150681	1887	2100	$\frac{1}{50}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{49}{100}$	$\Phi_{2100}^2\ \Phi_{700}^2\ \Phi_{420}^2\ \Phi_{140}^2\ \Phi_{100}\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
150682	1887	1232	$\frac{13}{616}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{603}{1232}$	$\Phi_{1232}^3\ \Phi_{176}^3\ \Phi_{112}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
150683	1887	3680	$\frac{1}{46}$	$\frac{47}{1840}$	$\frac{1793}{3680}$	$\frac{45}{92}$	$\Phi_{3680}\ \Phi_{736}\ \Phi_{160}\ \Phi_{92}\ \Phi_{32}\ \Phi_4\ \Phi_1$
150684	1887	920	$\frac{1}{46}$	$\frac{47}{920}$	$\frac{291}{920}$	$\frac{45}{92}$	$\Phi_{920}^2\ \Phi_{460}^2\ \Phi_{230}^2\ \Phi_{184}^2\ \Phi_{115}^2\ \Phi_{92}^3\ \Phi_{46}^2\ \Phi_{40}^2\ \Phi_{23}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
150685	1887	2024	$\frac{1}{46}$	$\frac{137}{2024}$	$\frac{47}{184}$	$\frac{45}{92}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{253}\ \Phi_{92}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_4\ \Phi_1$
150686	1887	2300	$\frac{1}{46}$	$\frac{47}{460}$	$\frac{413}{2300}$	$\frac{45}{92}$	$\Phi_{2300}\ \Phi_{1150}\ \Phi_{575}\ \Phi_{100}\ \Phi_{92}\ \Phi_{50}\ \Phi_{25}\ \Phi_4\ \Phi_1$
150687	1887	736	$\frac{1}{46}$	$\frac{47}{368}$	$\frac{107}{736}$	$\frac{45}{92}$	$\Phi_{736}^3\ \Phi_{368}^2\ \Phi_{184}^2\ \Phi_{92}^3\ \Phi_{46}^2\ \Phi_{32}^3\ \Phi_{23}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
150688	1887	2460	$\frac{14}{615}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{601}{1230}$	$\Phi_{2460}\ \Phi_{820}\ \Phi_{615}\ \Phi_{492}\ \Phi_{205}\ \Phi_{164}\ \Phi_{123}\ \Phi_{60}^2\ \Phi_{41}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
150689	1887	672	$\frac{1}{42}$	$\frac{43}{672}$	$\frac{1}{4}$	$\frac{41}{84}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{84}^2\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{42}\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{16}^3\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8^3\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
150690	1887	1800	$\frac{1}{36}$	$\frac{1}{25}$	$\frac{8}{25}$	$\frac{35}{72}$	$\Phi_{1800}^2\ \Phi_{600}^2\ \Phi_{360}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{72}^3\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_{24}^3\ \Phi_8^3\ \Phi_5^2\ \Phi_1^3$
150691	1887	72	$\frac{1}{36}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{72}^{51}\ \Phi_{36}^2\ \Phi_{24}^{51}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8^{51}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
150692	1887	3960	$\frac{1}{36}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{35}{72}$	$\Phi_{3960}\ \Phi_{1320}\ \Phi_{792}\ \Phi_{440}\ \Phi_{264}\ \Phi_{88}\ \Phi_{72}\ \Phi_{55}\ \Phi_{24}\ \Phi_{11}\ \Phi_8\ \Phi_1$
150693	1887	360	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{35}{72}$	$\Phi_{360}^{10}\ \Phi_{120}^{10}\ \Phi_{72}^{11}\ \Phi_{40}^{10}\ \Phi_{24}^{11}\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^{11}\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
150694	1887	2436	$\frac{20}{609}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{589}{1218}$	$\Phi_{2436}\ \Phi_{812}\ \Phi_{609}\ \Phi_{348}\ \Phi_{203}\ \Phi_{116}\ \Phi_{87}\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{29}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
150695	1887	660	$\frac{1}{30}$	$\frac{31}{660}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{110}^3\ \Phi_{66}^3\ \Phi_{60}^2\ \Phi_{55}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{30}\ \Phi_{22}^3\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}^3\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
150696	1887	115	$\frac{4}{115}$	$\frac{1}{23}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{115}^{17}\ \Phi_{23}^{14}\ \Phi_5^{17}\ \Phi_1^{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
150697	1887	1200	$\frac{1}{30}$	$\frac{29}{600}$	$\frac{1}{4}$	$\frac{571}{1200}$	$\Phi_{1200}^3\ \Phi_{400}^3\ \Phi_{240}^3\ \Phi_{80}^3\ \Phi_{60}^2\ \Phi_{48}^3\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
150698	1887	1196	$\frac{1}{46}$	$\frac{31}{598}$	$\frac{15}{46}$	$\frac{567}{1196}$	$\Phi_{1196}^3\ \Phi_{92}^3\ \Phi_{52}^3\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
150699	1887	648	$\frac{19}{648}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{648}^3\ \Phi_{324}^3\ \Phi_{216}^3\ \Phi_{162}^3\ \Phi_{108}^3\ \Phi_{81}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
150700	1887	140	$\frac{1}{35}$	$\frac{2}{35}$	$\frac{1}{4}$	$\frac{33}{70}$	$\Phi_{140}^{18}\ \Phi_{70}\ \Phi_{35}^{17}\ \Phi_{28}^{18}\ \Phi_{20}^{18}\ \Phi_{14}\ \Phi_{10}\ \Phi_7^{17}\ \Phi_5^{17}\ \Phi_4^{17}\ \Phi_1^{17}$
150701	1887	630	$\frac{1}{18}$	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{33}{70}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{126}^4\ \Phi_{105}^3\ \Phi_{90}^3\ \Phi_{63}^4\ \Phi_{45}^3\ \Phi_{42}^4\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{21}^4\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{14}\ \Phi_9^3\ \Phi_7^3\ \Phi_6^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^3$
150702	1887	1760	$\frac{1}{55}$	$\frac{1}{16}$	$\frac{18}{55}$	$\frac{15}{32}$	$\Phi_{1760}^2\ \Phi_{352}^2\ \Phi_{160}^2\ \Phi_{55}^2\ \Phi_{32}^3\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^3$
150703	1887	608	$\frac{1}{38}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{608}^6\ \Phi_{76}^2\ \Phi_{38}\ \Phi_{32}^3\ \Phi_{19}\ \Phi_4\ \Phi_1$
150704	1887	3680	$\frac{4}{115}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{3680}\ \Phi_{736}\ \Phi_{115}\ \Phi_{32}\ \Phi_{23}\ \Phi_1$
150705	1887	352	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{7}{44}$	$\frac{15}{32}$	$\Phi_{352}^{10}\ \Phi_{44}^3\ \Phi_{32}^{11}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
150706	1887	1152	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{17}{128}$	$\frac{15}{32}$	$\Phi_{1152}^2\ \Phi_{576}^2\ \Phi_{384}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{128}\ \Phi_{72}^2\ \Phi_{64}\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
150707	1887	160	$\frac{1}{16}$	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{15}{32}$	$\Phi_{160}^{22}\ \Phi_{40}^3\ \Phi_{32}^{23}\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
150708	1887	3872	$\frac{1}{16}$	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{15}{32}$	$\Phi_{3872}\ \Phi_{121}\ \Phi_{32}\ \Phi_1$
150709	1887	1872	$\frac{1}{18}$	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{97}{208}$	$\Phi_{1872}^2\ \Phi_{624}^2\ \Phi_{208}\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
150710	1887	1176	$\frac{1}{42}$	$\frac{41}{588}$	$\frac{1}{4}$	$\frac{547}{1176}$	$\Phi_{1176}^3\ \Phi_{392}^3\ \Phi_{168}^3\ \Phi_{84}^2\ \Phi_{56}^3\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8^3\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
150711	1887	2576	$\frac{1}{46}$	$\frac{45}{644}$	$\frac{689}{2576}$	$\frac{599}{1288}$	$\Phi_{2576}\ \Phi_{644}\ \Phi_{368}\ \Phi_{322}\ \Phi_{161}\ \Phi_{112}\ \Phi_{92}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
150712	1887	644	$\frac{15}{644}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{644}^3\ \Phi_{322}^3\ \Phi_{161}^3\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{28}^2\ \Phi_{23}^3\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
150713	1887	2340	$\frac{1}{45}$	$\frac{44}{585}$	$\frac{1}{4}$	$\frac{541}{1170}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{585}\ \Phi_{468}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}^2\ \Phi_{156}\ \Phi_{117}\ \Phi_{90}\ \Phi_{65}\ \Phi_{60}^2\ \Phi_{52}\ \Phi_{45}\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
150714	1887	1148	$\frac{1}{82}$	$\frac{55}{574}$	$\frac{27}{82}$	$\frac{519}{1148}$	$\Phi_{1148}^3\ \Phi_{164}^3\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{28}^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
150715	1887	640	$\frac{11}{640}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{640}^3\ \Phi_{320}^3\ \Phi_{160}^3\ \Phi_{128}^3\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{40}^3\ \Phi_{32}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
150716	1887	92	$\frac{1}{46}$	$\frac{5}{46}$	$\frac{9}{46}$	$\frac{41}{92}$	$\Phi_{92}^{37}\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_4^{37}\ \Phi_2^4\ \Phi_1^5$
150717	1887	2268	$\frac{1}{63}$	$\frac{62}{567}$	$\frac{1}{4}$	$\frac{505}{1134}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{567}\ \Phi_{324}\ \Phi_{252}^2\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}^2\ \Phi_{81}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
150718	1887	1120	$\frac{1}{70}$	$\frac{69}{560}$	$\frac{1}{4}$	$\frac{491}{1120}$	$\Phi_{1120}^3\ \Phi_{224}^3\ \Phi_{160}^3\ \Phi_{140}^2\ \Phi_{70}\ \Phi_{35}\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
150719	1887	2624	$\frac{1}{82}$	$\frac{81}{656}$	$\frac{737}{2624}$	$\frac{575}{1312}$	$\Phi_{2624}\ \Phi_{656}\ \Phi_{328}\ \Phi_{164}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
150720	1887	1764	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{85}{196}$	$\Phi_{1764}^2\ \Phi_{588}^2\ \Phi_{252}^2\ \Phi_{196}\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
150721	1887	1680	$\frac{1}{112}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}^2\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
150722	1887	1104	$\frac{1}{46}$	$\frac{77}{552}$	$\frac{15}{92}$	$\frac{475}{1104}$	$\Phi_{1104}^3\ \Phi_{368}^3\ \Phi_{92}^3\ \Phi_{48}^3\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{16}^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
150723	1887	3280	$\frac{1}{82}$	$\frac{247}{1640}$	$\frac{81}{328}$	$\frac{1393}{3280}$	$\Phi_{3280}\ \Phi_{656}\ \Phi_{328}\ \Phi_{164}\ \Phi_{80}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
150724	1887	576	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{27}{64}$	$\Phi_{576}^6\ \Phi_{192}^6\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{64}^3\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
150725	1887	736	$\frac{1}{46}$	$\frac{107}{736}$	$\frac{15}{92}$	$\frac{77}{184}$	$\Phi_{736}^3\ \Phi_{368}^3\ \Phi_{92}^3\ \Phi_{46}^2\ \Phi_{32}^3\ \Phi_{23}^2\ \Phi_{16}^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
150726	1887	1080	$\frac{1}{90}$	$\frac{89}{540}$	$\frac{1}{4}$	$\frac{451}{1080}$	$\Phi_{1080}^3\ \Phi_{360}^3\ \Phi_{216}^3\ \Phi_{180}^2\ \Phi_{120}^3\ \Phi_{90}\ \Phi_{72}^3\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{40}^3\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9\ \Phi_8^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
150727	1887	336	$\frac{1}{112}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{336}^{6}\ \Phi_{168}^{6}\ \Phi_{112}^{5}\ \Phi_{84}^{6}\ \Phi_{56}^{5}\ \Phi_{48}^{6}\ \Phi_{42}^{6}\ \Phi_{28}^{5}\ \Phi_{24}^{5}\ \Phi_{21}^{6}\ \Phi_{16}^{5}\ \Phi_{14}^{5}\ \Phi_{12}^{6}\ \Phi_{8}^{4}\ \Phi_{7}^{5}\ \Phi_{6}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
150728	1887	636	$\frac{7}{636}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{636}^{3}\ \Phi_{318}^{3}\ \Phi_{212}^{3}\ \Phi_{159}^{3}\ \Phi_{106}^{3}\ \Phi_{53}^{3}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150729	1887	3220	$\frac{1}{46}$	$\frac{45}{322}$	$\frac{277}{1610}$	$\frac{1333}{3220}$	$\Phi_{3220}\ \Phi_{644}\ \Phi_{460}\ \Phi_{322}\ \Phi_{161}\ \Phi_{140}\ \Phi_{92}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
150730	1887	2100	$\frac{1}{105}$	$\frac{104}{525}$	$\frac{1}{4}$	$\frac{421}{1050}$	$\Phi_{2100}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}^{2}\ \Phi_{300}\ \Phi_{210}\ \Phi_{175}\ \Phi_{140}^{2}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}^{2}\ \Phi_{75}\ \Phi_{70}\ \Phi_{60}^{2}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^{2}\ \Phi_{25}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150731	1887	1008	$\frac{1}{126}$	$\frac{125}{504}$	$\frac{1}{4}$	$\frac{379}{1008}$	$\Phi_{1008}^{3}\ \Phi_{336}^{3}\ \Phi_{252}^{2}\ \Phi_{144}^{3}\ \Phi_{126}\ \Phi_{112}^{3}\ \Phi_{84}^{2}\ \Phi_{63}\ \Phi_{48}^{3}\ \Phi_{42}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}^{3}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150732	1887	1064	$\frac{1}{38}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1064}^{2}\ \Phi_{532}^{2}\ \Phi_{266}^{2}\ \Phi_{133}^{2}\ \Phi_{76}^{2}\ \Phi_{56}\ \Phi_{38}\ \Phi_{28}\ \Phi_{19}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
150733	1887	984	$\frac{1}{82}$	$\frac{27}{164}$	$\frac{137}{492}$	$\frac{355}{984}$	$\Phi_{984}^{3}\ \Phi_{328}^{3}\ \Phi_{164}^{3}\ \Phi_{82}^{2}\ \Phi_{41}^{2}\ \Phi_{24}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150734	1887	494	$\frac{1}{38}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{494}^{4}\ \Phi_{247}^{4}\ \Phi_{38}^{3}\ \Phi_{26}\ \Phi_{19}^{3}\ \Phi_{13}^{3}\ \Phi_{1}^{3}$
150735	1887	504	$\frac{1}{28}$	$\frac{1}{18}$	$\frac{9}{28}$	$\frac{19}{56}$	$\Phi_{504}^{6}\ \Phi_{252}^{2}\ \Phi_{168}^{6}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{72}^{6}\ \Phi_{63}^{2}\ \Phi_{56}^{3}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{28}\ \Phi_{24}^{6}\ \Phi_{21}^{2}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}^{3}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150736	1887	943	$\frac{4}{943}$	$\frac{313}{943}$	$\frac{314}{943}$	$\frac{315}{943}$	$\Phi_{943}^{2}\ \Phi_{41}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{3}$
150737	1887	975	$\frac{1}{25}$	$\frac{2}{39}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{975}^{2}\ \Phi_{325}^{2}\ \Phi_{195}^{2}\ \Phi_{65}^{2}\ \Phi_{39}^{3}\ \Phi_{25}^{2}\ \Phi_{13}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
150738	1887	684	$\frac{2}{57}$	$\frac{55}{684}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{684}^{3}\ \Phi_{342}^{3}\ \Phi_{228}^{2}\ \Phi_{171}^{3}\ \Phi_{114}^{2}\ \Phi_{76}^{2}\ \Phi_{57}^{3}\ \Phi_{38}^{2}\ \Phi_{36}^{3}\ \Phi_{19}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150739	1887	660	$\frac{31}{660}$	$\frac{2}{33}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{220}^{3}\ \Phi_{165}^{3}\ \Phi_{132}^{2}\ \Phi_{110}^{3}\ \Phi_{66}^{2}\ \Phi_{60}^{3}\ \Phi_{55}^{3}\ \Phi_{44}^{2}\ \Phi_{33}^{3}\ \Phi_{30}^{3}\ \Phi_{22}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{11}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150740	1887	468	$\frac{2}{39}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{468}^{6}\ \Phi_{234}^{3}\ \Phi_{156}^{5}\ \Phi_{117}^{3}\ \Phi_{78}^{2}\ \Phi_{52}^{5}\ \Phi_{39}^{3}\ \Phi_{36}^{2}\ \Phi_{26}^{2}\ \Phi_{18}\ \Phi_{13}^{3}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150741	1887	2145	$\frac{2}{39}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{429}\ \Phi_{143}\ \Phi_{55}\ \Phi_{39}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}$
150742	1887	780	$\frac{2}{39}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{3}$	$\Phi_{780}^{3}\ \Phi_{390}^{2}\ \Phi_{260}^{3}\ \Phi_{195}^{2}\ \Phi_{156}^{3}\ \Phi_{130}^{2}\ \Phi_{78}^{2}\ \Phi_{65}^{2}\ \Phi_{52}^{3}\ \Phi_{39}^{3}\ \Phi_{26}^{2}\ \Phi_{20}^{3}\ \Phi_{13}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150743	1887	1620	$\frac{1}{90}$	$\frac{181}{810}$	$\frac{1}{4}$	$\frac{89}{270}$	$\Phi_{1620}^{2}\ \Phi_{810}\ \Phi_{405}\ \Phi_{324}^{2}\ \Phi_{180}^{2}\ \Phi_{162}\ \Phi_{90}\ \Phi_{81}\ \Phi_{60}^{2}\ \Phi_{45}\ \Phi_{36}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150744	1887	756	$\frac{1}{63}$	$\frac{127}{756}$	$\frac{1}{4}$	$\frac{62}{189}$	$\Phi_{756}^{2}\ \Phi_{378}^{2}\ \Phi_{252}^{3}\ \Phi_{189}^{3}\ \Phi_{126}^{3}\ \Phi_{108}^{2}\ \Phi_{84}^{3}\ \Phi_{63}^{3}\ \Phi_{54}^{2}\ \Phi_{42}^{3}\ \Phi_{36}^{3}\ \Phi_{28}^{3}\ \Phi_{27}^{3}\ \Phi_{21}^{3}\ \Phi_{18}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150745	1887	936	$\frac{5}{312}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{307}{936}$	$\Phi_{936}^{3}\ \Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{117}^{3}\ \Phi_{72}^{3}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150746	1887	1320	$\frac{1}{55}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{18}{55}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{330}^{2}\ \Phi_{264}^{2}\ \Phi_{165}^{2}\ \Phi_{132}^{2}\ \Phi_{120}^{2}\ \Phi_{66}^{2}\ \Phi_{60}^{2}\ \Phi_{55}^{2}\ \Phi_{33}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{3}\ \Phi_{11}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
150747	1887	220	$\frac{1}{55}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{18}{55}$	$\Phi_{220}^{8}\ \Phi_{110}^{8}\ \Phi_{55}^{10}\ \Phi_{44}^{8}\ \Phi_{22}^{8}\ \Phi_{20}^{9}\ \Phi_{11}^{10}\ \Phi_{10}^{9}\ \Phi_{5}^{11}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{11}$
150748	1887	1860	$\frac{9}{310}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{301}{930}$	$\Phi_{1860}^{2}\ \Phi_{930}\ \Phi_{465}\ \Phi_{372}^{2}\ \Phi_{186}\ \Phi_{93}\ \Phi_{60}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150749	1887	1350	$\frac{1}{25}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{8}{25}$	$\Phi_{1350}^{2}\ \Phi_{675}^{2}\ \Phi_{270}^{2}\ \Phi_{135}^{2}\ \Phi_{54}^{3}\ \Phi_{27}^{3}\ \Phi_{25}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
150750	1887	200	$\frac{1}{25}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{8}{25}$	$\Phi_{200}^{10}\ \Phi_{100}^{8}\ \Phi_{50}^{8}\ \Phi_{40}^{11}\ \Phi_{25}^{10}\ \Phi_{20}^{9}\ \Phi_{10}^{9}\ \Phi_{8}^{11}\ \Phi_{5}^{11}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{11}$
150751	1887	1200	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{8}{25}$	$\Phi_{1200}^{2}\ \Phi_{600}^{2}\ \Phi_{400}^{2}\ \Phi_{240}^{2}\ \Phi_{200}^{2}\ \Phi_{120}^{2}\ \Phi_{80}^{2}\ \Phi_{48}^{3}\ \Phi_{40}^{2}\ \Phi_{25}^{2}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
150752	1887	225	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{8}{25}$	$\Phi_{225}^{8}\ \Phi_{75}^{8}\ \Phi_{45}^{9}\ \Phi_{25}^{10}\ \Phi_{15}^{9}\ \Phi_{9}^{8}\ \Phi_{5}^{11}\ \Phi_{3}^{8}\ \Phi_{1}^{11}$
150753	1887	1050	$\frac{1}{25}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{8}{25}$	$\Phi_{1050}^{2}\ \Phi_{525}^{2}\ \Phi_{350}^{2}\ \Phi_{210}^{2}\ \Phi_{175}^{2}\ \Phi_{105}^{2}\ \Phi_{70}^{2}\ \Phi_{42}^{3}\ \Phi_{35}^{2}\ \Phi_{25}^{2}\ \Phi_{21}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
150754	1887	924	$\frac{13}{308}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{295}{924}$	$\Phi_{924}^{3}\ \Phi_{462}^{3}\ \Phi_{231}^{3}\ \Phi_{132}^{3}\ \Phi_{84}^{3}\ \Phi_{66}^{3}\ \Phi_{42}^{3}\ \Phi_{33}^{3}\ \Phi_{28}^{2}\ \Phi_{21}^{3}\ \Phi_{14}\ \Phi_{12}^{3}\ \Phi_{7}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
150755	1887	41	$\frac{2}{41}$	$\frac{4}{41}$	$\frac{7}{41}$	$\frac{13}{41}$	$\Phi_{41}^{46}\ \Phi_{1}^{47}$
150756	1887	108	$\frac{1}{18}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{108}^{34}\ \Phi_{54}^{17}\ \Phi_{36}^{2}\ \Phi_{27}^{17}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150757	1887	2970	$\frac{1}{18}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{17}{54}$	$\Phi_{2970}\ \Phi_{1485}\ \Phi_{594}\ \Phi_{297}\ \Phi_{55}\ \Phi_{54}\ \Phi_{27}\ \Phi_{11}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
150758	1887	540	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{54}$	$\Phi_{540}^{6}\ \Phi_{270}^{4}\ \Phi_{135}^{4}\ \Phi_{108}^{6}\ \Phi_{54}^{5}\ \Phi_{27}^{5}\ \Phi_{20}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150759	1887	144	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{11}{48}$	$\frac{5}{16}$	$\Phi_{144}^{14}\ \Phi_{72}^{14}\ \Phi_{48}^{11}\ \Phi_{36}^{14}\ \Phi_{24}^{11}\ \Phi_{18}^{13}\ \Phi_{16}^{13}\ \Phi_{12}^{11}\ \Phi_{9}^{13}\ \Phi_{8}^{13}\ \Phi_{6}^{10}\ \Phi_{4}^{13}\ \Phi_{3}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
150760	1887	900	$\frac{1}{30}$	$\frac{29}{300}$	$\frac{1}{4}$	$\frac{271}{900}$	$\Phi_{900}^{3}\ \Phi_{450}^{3}\ \Phi_{225}^{3}\ \Phi_{180}^{3}\ \Phi_{90}^{3}\ \Phi_{60}^{2}\ \Phi_{45}^{3}\ \Phi_{36}^{3}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{18}^{3}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150761	1887	648	$\frac{19}{648}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{648}^{3}\ \Phi_{324}^{3}\ \Phi_{216}^{3}\ \Phi_{162}^{3}\ \Phi_{108}^{2}\ \Phi_{81}^{3}\ \Phi_{72}^{3}\ \Phi_{54}^{2}\ \Phi_{36}^{3}\ \Phi_{27}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150762	1887	456	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{456}^{6}\ \Phi_{228}^{6}\ \Phi_{114}^{6}\ \Phi_{76}^{2}\ \Phi_{57}^{6}\ \Phi_{38}\ \Phi_{24}^{3}\ \Phi_{19}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
150763	1887	2760	$\frac{4}{115}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{115}\ \Phi_{69}\ \Phi_{24}\ \Phi_{23}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
150764	1887	264	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{7}{44}$	$\frac{7}{24}$	$\Phi_{264}^{10}\ \Phi_{132}^{10}\ \Phi_{66}^{10}\ \Phi_{44}^{3}\ \Phi_{33}^{10}\ \Phi_{24}^{11}\ \Phi_{22}^{2}\ \Phi_{12}^{11}\ \Phi_{11}^{2}\ \Phi_{6}^{11}\ \Phi_{4}^{3}\ \Phi_{3}^{11}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150765	1887	120	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{120}^{22}\ \Phi_{60}^{22}\ \Phi_{40}^{3}\ \Phi_{30}^{22}\ \Phi_{24}^{23}\ \Phi_{20}^{3}\ \Phi_{15}^{22}\ \Phi_{12}^{23}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{23}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{23}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150766	1887	2904	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{2904}\ \Phi_{1452}\ \Phi_{726}\ \Phi_{363}\ \Phi_{121}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
150767	1887	1764	$\frac{1}{42}$	$\frac{41}{294}$	$\frac{1}{4}$	$\frac{253}{882}$	$\Phi_{1764}^{2}\ \Phi_{882}\ \Phi_{441}\ \Phi_{252}^{2}\ \Phi_{126}\ \Phi_{84}^{2}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150768	1887	126	$\frac{1}{18}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{126}^{16}\ \Phi_{63}^{16}\ \Phi_{42}^{13}\ \Phi_{21}^{13}\ \Phi_{18}^{15}\ \Phi_{14}^{13}\ \Phi_{9}^{15}\ \Phi_{7}^{15}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{15}$
150769	1887	828	$\frac{1}{46}$	$\frac{15}{92}$	$\frac{199}{828}$	$\frac{77}{276}$	$\Phi_{828}^{3}\ \Phi_{414}^{3}\ \Phi_{207}^{3}\ \Phi_{92}^{3}\ \Phi_{46}^{2}\ \Phi_{36}^{3}\ \Phi_{23}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150770	1887	840	$\frac{1}{70}$	$\frac{69}{280}$	$\frac{1}{4}$	$\frac{211}{840}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{168}^{3}\ \Phi_{140}^{2}\ \Phi_{120}^{3}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{70}\ \Phi_{60}^{3}\ \Phi_{42}^{3}\ \Phi_{35}\ \Phi_{30}^{3}\ \Phi_{28}^{2}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{14}\ \Phi_{12}^{3}\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
150771	1887	380	$\frac{1}{38}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{380}^{6}\ \Phi_{190}^{6}\ \Phi_{95}^{6}\ \Phi_{76}^{2}\ \Phi_{38}\ \Phi_{20}^{3}\ \Phi_{19}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
150772	1887	360	$\frac{1}{18}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{6}\ \Phi_{90}^{6}\ \Phi_{72}^{6}\ \Phi_{60}^{6}\ \Phi_{45}^{6}\ \Phi_{40}^{3}\ \Phi_{36}^{2}\ \Phi_{30}^{6}\ \Phi_{24}^{6}\ \Phi_{20}^{3}\ \Phi_{18}\ \Phi_{15}^{6}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{9}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150773	1887	720	$\frac{1}{30}$	$\frac{91}{720}$	$\frac{29}{120}$	$\frac{1}{4}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{3}\ \Phi_{180}^{3}\ \Phi_{144}^{3}\ \Phi_{90}^{3}\ \Phi_{80}^{3}\ \Phi_{72}^{3}\ \Phi_{60}^{2}\ \Phi_{48}^{3}\ \Phi_{45}^{3}\ \Phi_{36}^{3}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{18}^{3}\ \Phi_{16}^{3}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150774	1887	828	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{199}{828}$	$\frac{1}{4}$	$\Phi_{828}^{2}\ \Phi_{414}^{2}\ \Phi_{276}^{2}\ \Phi_{207}^{3}\ \Phi_{138}^{2}\ \Phi_{92}^{3}\ \Phi_{69}^{2}\ \Phi_{46}^{3}\ \Phi_{36}^{3}\ \Phi_{23}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150775	1887	672	$\frac{43}{672}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{4}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{3}\ \Phi_{96}^{3}\ \Phi_{84}^{3}\ \Phi_{48}^{3}\ \Phi_{42}^{3}\ \Phi_{32}^{3}\ \Phi_{28}^{2}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{16}^{3}\ \Phi_{14}\ \Phi_{12}^{3}\ \Phi_{7}\ \Phi_{6}^{3}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
150776	1887	144	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{144}^{18}\ \Phi_{72}^{18}\ \Phi_{48}^{15}\ \Phi_{36}^{2}\ \Phi_{24}^{15}\ \Phi_{18}\ \Phi_{16}^{15}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}^{15}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150777	1887	648	$\frac{19}{648}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{648}^{3}\ \Phi_{324}^{3}\ \Phi_{216}^{3}\ \Phi_{162}^{3}\ \Phi_{108}^{3}\ \Phi_{81}^{3}\ \Phi_{72}^{3}\ \Phi_{54}^{3}\ \Phi_{36}^{3}\ \Phi_{27}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150778	1887	1216	$\frac{1}{38}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{1216}^{2}\ \Phi_{608}^{2}\ \Phi_{76}^{2}\ \Phi_{64}\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{4}\ \Phi_{1}$
150779	1887	1500	$\frac{4}{125}$	$\frac{121}{750}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1500}^{2}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}^{2}\ \Phi_{150}\ \Phi_{125}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}^{2}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150780	1887	1300	$\frac{21}{650}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1300}^{2}\ \Phi_{650}\ \Phi_{325}\ \Phi_{260}^{2}\ \Phi_{130}\ \Phi_{100}\ \Phi_{65}\ \Phi_{52}^{2}\ \Phi_{26}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
150781	1887	460	$\frac{4}{115}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{460}^{4}\ \Phi_{230}^{4}\ \Phi_{115}^{5}\ \Phi_{92}^{4}\ \Phi_{46}^{4}\ \Phi_{23}^{5}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
150782	1887	440	$\frac{4}{55}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{440}^{5}\ \Phi_{220}^{4}\ \Phi_{110}^{4}\ \Phi_{88}^{5}\ \Phi_{55}^{5}\ \Phi_{44}^{4}\ \Phi_{40}\ \Phi_{22}^{4}\ \Phi_{20}\ \Phi_{11}^{5}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
150783	1887	780	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{151}{780}$	$\frac{1}{4}$	$\Phi_{780}^{3}\ \Phi_{390}^{3}\ \Phi_{260}^{3}\ \Phi_{195}^{3}\ \Phi_{130}^{3}\ \Phi_{65}^{3}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{6}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150784	1887	1500	$\frac{1}{30}$	$\frac{121}{750}$	$\frac{29}{150}$	$\frac{1}{4}$	$\Phi_{1500}^{2}\ \Phi_{750}\ \Phi_{500}^{2}\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{60}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150785	1887	84	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{4}{21}$	$\frac{1}{4}$	$\Phi_{84}^{30}\ \Phi_{42}^{13}\ \Phi_{28}^{30}\ \Phi_{21}^{17}\ \Phi_{14}^{13}\ \Phi_{12}^{30}\ \Phi_{7}^{17}\ \Phi_{6}^{13}\ \Phi_{4}^{29}\ \Phi_{3}^{17}\ \Phi_{2}^{12}\ \Phi_{1}^{17}$
150786	1887	1540	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{141}{770}$	$\frac{1}{4}$	$\Phi_{1540}^{2}\ \Phi_{770}\ \Phi_{385}\ \Phi_{220}^{2}\ \Phi_{140}^{2}\ \Phi_{110}\ \Phi_{70}\ \Phi_{55}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
150787	1887	180	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{180}^{17}\ \Phi_{90}^{8}\ \Phi_{60}^{17}\ \Phi_{45}^{9}\ \Phi_{36}^{2}\ \Phi_{30}^{8}\ \Phi_{20}^{17}\ \Phi_{18}\ \Phi_{15}^{9}\ \Phi_{12}^{2}\ \Phi_{10}^{8}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}^{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150788	1887	252	$\frac{1}{18}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{252}^{12}\ \Phi_{126}^{6}\ \Phi_{84}^{10}\ \Phi_{63}^{6}\ \Phi_{42}^{5}\ \Phi_{36}^{2}\ \Phi_{28}^{10}\ \Phi_{21}^{5}\ \Phi_{18}\ \Phi_{14}^{5}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{7}^{5}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150789	1887	672	$\frac{43}{672}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{3}\ \Phi_{96}^{3}\ \Phi_{84}^{3}\ \Phi_{56}^{3}\ \Phi_{42}^{3}\ \Phi_{32}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{7}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150790	1887	1404	$\frac{5}{78}$	$\frac{73}{702}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1404}^{2}\ \Phi_{702}\ \Phi_{468}^{2}\ \Phi_{351}\ \Phi_{234}\ \Phi_{117}\ \Phi_{108}^{2}\ \Phi_{54}\ \Phi_{36}^{2}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150791	1887	220	$\frac{1}{22}$	$\frac{3}{20}$	$\frac{7}{44}$	$\frac{1}{4}$	$\Phi_{220}^{10}\ \Phi_{110}^{10}\ \Phi_{55}^{10}\ \Phi_{44}^{3}\ \Phi_{22}^{2}\ \Phi_{20}^{11}\ \Phi_{11}^{2}\ \Phi_{10}^{11}\ \Phi_{5}^{11}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150792	1887	40	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{40}^{51}\ \Phi_{20}^{44}\ \Phi_{10}^{43}\ \Phi_{8}^{51}\ \Phi_{5}^{43}\ \Phi_{4}^{43}\ \Phi_{2}^{42}\ \Phi_{1}^{43}$
150793	1887	2420	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{2420}\ \Phi_{1210}\ \Phi_{605}\ \Phi_{121}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
150794	1887	2640	$\frac{4}{55}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{48}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{880}\ \Phi_{528}\ \Phi_{440}\ \Phi_{264}\ \Phi_{176}\ \Phi_{88}\ \Phi_{55}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
150795	1887	240	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{11}{48}$	$\Phi_{240}^{10}\ \Phi_{120}^{10}\ \Phi_{80}^{10}\ \Phi_{48}^{11}\ \Phi_{40}^{10}\ \Phi_{24}^{11}\ \Phi_{20}^{3}\ \Phi_{16}^{11}\ \Phi_{10}^{2}\ \Phi_{8}^{11}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150796	1887	1260	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{140}$	$\Phi_{1260}^{2}\ \Phi_{630}\ \Phi_{420}^{2}\ \Phi_{315}\ \Phi_{252}^{2}\ \Phi_{210}\ \Phi_{180}^{2}\ \Phi_{140}\ \Phi_{126}^{2}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}^{2}\ \Phi_{63}^{2}\ \Phi_{60}^{2}\ \Phi_{45}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}^{2}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150797	1887	495	$\frac{4}{55}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{5}$	$\Phi_{495}^{4}\ \Phi_{165}^{4}\ \Phi_{99}^{4}\ \Phi_{55}^{5}\ \Phi_{45}\ \Phi_{33}^{4}\ \Phi_{15}\ \Phi_{11}^{5}\ \Phi_{5}\ \Phi_{1}$
150798	1887	2310	$\frac{4}{55}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{385}\ \Phi_{231}\ \Phi_{154}\ \Phi_{77}\ \Phi_{55}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
150799	1887	180	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{8}{45}$	$\Phi_{180}^{12}\ \Phi_{90}^{8}\ \Phi_{60}^{12}\ \Phi_{45}^{9}\ \Phi_{36}^{12}\ \Phi_{30}^{8}\ \Phi_{20}^{15}\ \Phi_{18}^{8}\ \Phi_{15}^{9}\ \Phi_{12}^{12}\ \Phi_{10}^{10}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{11}\ \Phi_{4}^{15}\ \Phi_{3}^{8}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
150800	1887	41	$\frac{4}{41}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{7}{41}$	$\Phi_{41}^{46}\ \Phi_{1}^{47}$
150801	1887	420	$\frac{1}{10}$	$\frac{5}{42}$	$\frac{3}{20}$	$\frac{1}{6}$	$\Phi_{420}^{6}\ \Phi_{210}^{4}\ \Phi_{140}^{6}\ \Phi_{105}^{4}\ \Phi_{84}^{6}\ \Phi_{70}^{4}\ \Phi_{42}^{5}\ \Phi_{35}^{4}\ \Phi_{28}^{6}\ \Phi_{21}^{5}\ \Phi_{20}^{3}\ \Phi_{14}^{5}\ \Phi_{10}^{2}\ \Phi_{7}^{5}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
150802	1888	471	$\frac{1}{471}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{235}{471}$	$\Phi_{471}^{4}\ \Phi_{157}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
150803	1888	1887	$\frac{5}{1887}$	$\frac{473}{1887}$	$\frac{707}{1887}$	$\frac{941}{1887}$	$\Phi_{1887}\ \Phi_{629}\ \Phi_{111}\ \Phi_{51}\ \Phi_{37}\ \Phi_{17}\ \Phi_{3}\ \Phi_{1}^{2}$
150804	1888	315	$\frac{1}{315}$	$\frac{79}{315}$	$\frac{1}{3}$	$\frac{157}{315}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{63}^{6}\ \Phi_{45}^{6}\ \Phi_{35}^{6}\ \Phi_{21}^{6}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{6}\ \Phi_{5}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
150805	1888	1881	$\frac{7}{1881}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{937}{1881}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{209}\ \Phi_{171}\ \Phi_{99}\ \Phi_{57}\ \Phi_{33}\ \Phi_{19}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
150806	1888	1645	$\frac{1}{235}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{117}{235}$	$\Phi_{1645}\ \Phi_{329}\ \Phi_{235}^{2}\ \Phi_{47}^{2}\ \Phi_{35}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
150807	1888	705	$\frac{1}{235}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{117}{235}$	$\Phi_{705}^{4}\ \Phi_{141}^{4}\ \Phi_{15}^{5}\ \Phi_{3}^{4}$
150808	1888	629	$\frac{3}{629}$	$\frac{79}{629}$	$\frac{275}{629}$	$\frac{313}{629}$	$\Phi_{629}^{3}\ \Phi_{37}^{3}\ \Phi_{17}^{3}\ \Phi_{1}^{4}$
150809	1888	629	$\frac{3}{629}$	$\frac{157}{629}$	$\frac{158}{629}$	$\frac{313}{629}$	$\Phi_{629}^{3}\ \Phi_{37}^{3}\ \Phi_{17}^{3}\ \Phi_{1}^{4}$
150810	1888	567	$\frac{1}{189}$	$\frac{95}{567}$	$\frac{1}{3}$	$\frac{94}{189}$	$\Phi_{567}^{4}\ \Phi_{189}^{2}\ \Phi_{81}^{4}\ \Phi_{63}^{2}\ \Phi_{27}^{2}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
150811	1888	2365	$\frac{3}{473}$	$\frac{1}{5}$	$\frac{119}{473}$	$\frac{235}{473}$	$\Phi_{2365}\ \Phi_{215}\ \Phi_{55}$
150812	1888	1407	$\frac{3}{469}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{233}{469}$	$\Phi_{1407}^{2}\ \Phi_{201}^{2}\ \Phi_{21}^{3}\ \Phi_{3}^{2}$
150813	1888	1887	$\frac{13}{1887}$	$\frac{353}{1887}$	$\frac{475}{1887}$	$\frac{937}{1887}$	$\Phi_{1887}\ \Phi_{629}\ \Phi_{111}\ \Phi_{51}\ \Phi_{37}\ \Phi_{17}\ \Phi_{3}\ \Phi_{1}^{2}$
150814	1888	1875	$\frac{13}{1875}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{931}{1875}$	$\Phi_{1875}\ \Phi_{625}\ \Phi_{375}\ \Phi_{125}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
150815	1888	135	$\frac{1}{135}$	$\frac{17}{135}$	$\frac{1}{3}$	$\frac{67}{135}$	$\Phi_{135}^{14}\ \Phi_{45}^{14}\ \Phi_{27}^{14}\ \Phi_{15}^{14}\ \Phi_{9}^{14}\ \Phi_{5}^{14}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
150816	1888	585	$\frac{1}{117}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{58}{117}$	$\Phi_{585}^{3}\ \Phi_{195}^{3}\ \Phi_{117}^{4}\ \Phi_{65}^{3}\ \Phi_{45}^{3}\ \Phi_{39}^{4}\ \Phi_{15}^{4}\ \Phi_{13}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
150817	1888	117	$\frac{1}{117}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{58}{117}$	$\Phi_{117}^{16}\ \Phi_{39}^{16}\ \Phi_{13}^{16}\ \Phi_{9}^{18}\ \Phi_{3}^{17}\ \Phi_{1}^{18}$
150818	1888	585	$\frac{1}{117}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{58}{117}$	$\Phi_{585}^{3}\ \Phi_{195}^{3}\ \Phi_{117}^{4}\ \Phi_{65}^{3}\ \Phi_{45}^{3}\ \Phi_{39}^{4}\ \Phi_{15}^{3}\ \Phi_{13}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
150819	1888	111	$\frac{1}{111}$	$\frac{7}{111}$	$\frac{52}{111}$	$\frac{55}{111}$	$\Phi_{111}^{17}\ \Phi_{37}^{17}\ \Phi_{3}^{17}\ \Phi_{1}^{18}$
150820	1888	333	$\frac{1}{111}$	$\frac{14}{111}$	$\frac{97}{333}$	$\frac{55}{111}$	$\Phi_{333}^{8}\ \Phi_{111}\ \Phi_{37}\ \Phi_{9}^{8}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
150821	1888	555	$\frac{1}{111}$	$\frac{83}{555}$	$\frac{28}{111}$	$\frac{55}{111}$	$\Phi_{555}^4\ \Phi_{185}^4\ \Phi_{111}\ \Phi_{37}\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
150822	1888	525	$\frac{1}{105}$	$\frac{53}{525}$	$\frac{1}{3}$	$\frac{52}{105}$	$\Phi_{525}^4\ \Phi_{175}^4\ \Phi_{105}^2\ \Phi_{75}^4\ \Phi_{35}^2\ \Phi_{25}^4\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
150823	1888	935	$\frac{9}{935}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{463}{935}$	$\Phi_{935}^2\ \Phi_{187}^2\ \Phi_{85}^2\ \Phi_{55}^2\ \Phi_{17}^3\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
150824	1888	1869	$\frac{19}{1869}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{925}{1869}$	$\Phi_{1869}\ \Phi_{623}\ \Phi_{267}\ \Phi_{89}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
150825	1888	711	$\frac{1}{79}$	$\frac{1}{9}$	$\frac{20}{79}$	$\frac{39}{79}$	$\Phi_{711}^3\ \Phi_{237}^3\ \Phi_9^2\ \Phi_3^2$
150826	1888	1887	$\frac{25}{1887}$	$\frac{239}{1887}$	$\frac{412}{1887}$	$\frac{931}{1887}$	$\Phi_{1887}\ \Phi_{629}\ \Phi_{111}\ \Phi_{51}\ \Phi_{37}\ \Phi_{17}\ \Phi_3\ \Phi_1^2$
150827	1888	1863	$\frac{25}{1863}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{919}{1863}$	$\Phi_{1863}\ \Phi_{621}\ \Phi_{207}\ \Phi_{81}\ \Phi_{69}\ \Phi_{27}^2\ \Phi_{23}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
150828	1888	2365	$\frac{7}{473}$	$\frac{60}{473}$	$\frac{1}{5}$	$\frac{233}{473}$	$\Phi_{2365}\ \Phi_{215}\ \Phi_{55}$
150829	1888	465	$\frac{7}{465}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{229}{465}$	$\Phi_{465}^4\ \Phi_{155}^4\ \Phi_{93}^4\ \Phi_{31}^4\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
150830	1888	1887	$\frac{29}{1887}$	$\frac{176}{1887}$	$\frac{479}{1887}$	$\frac{929}{1887}$	$\Phi_{1887}\ \Phi_{629}\ \Phi_{111}\ \Phi_{51}\ \Phi_{37}\ \Phi_{17}\ \Phi_3\ \Phi_1^2$
150831	1888	63	$\frac{1}{63}$	$\frac{4}{63}$	$\frac{1}{3}$	$\frac{31}{63}$	$\Phi_{63}^{30}\ \Phi_{21}^{30}\ \Phi_9^{30}\ \Phi_7^{30}\ \Phi_3^{29}\ \Phi_1^{30}$
150832	1888	3596	$\frac{1}{58}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{57}{116}$	$\Phi_{3596}\ \Phi_{124}\ \Phi_{116}^2\ \Phi_{31}\ \Phi_4^2\ \Phi_1^2$
150833	1888	5916	$\frac{1}{58}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{57}{116}$	$\Phi_{5916}\ \Phi_{204}\ \Phi_{51}$
150834	1888	3596	$\frac{1}{58}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{57}{116}$	$\Phi_{3596}\ \Phi_{124}\ \Phi_{116}^2\ \Phi_{31}\ \Phi_4^2\ \Phi_1^2$
150835	1888	5220	$\frac{1}{58}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{57}{116}$	$\Phi_{5220}\ \Phi_{1740}\ \Phi_{180}\ \Phi_{60}\ \Phi_{45}\ \Phi_{15}$
150836	1888	459	$\frac{1}{51}$	$\frac{13}{459}$	$\frac{223}{459}$	$\frac{25}{51}$	$\Phi_{459}^4\ \Phi_{153}^4\ \Phi_{51}^5\ \Phi_{27}^4\ \Phi_{17}^5\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
150837	1888	1377	$\frac{1}{51}$	$\frac{26}{459}$	$\frac{433}{1377}$	$\frac{25}{51}$	$\Phi_{1377}^2\ \Phi_{81}^2\ \Phi_{51}\ \Phi_{17}\ \Phi_3\ \Phi_1^2$
150838	1888	255	$\frac{1}{51}$	$\frac{19}{255}$	$\frac{13}{51}$	$\frac{25}{51}$	$\Phi_{255}^8\ \Phi_{85}^8\ \Phi_{51}^5\ \Phi_{17}^5\ \Phi_{15}^8\ \Phi_5^8\ \Phi_3^5\ \Phi_1^6$
150839	1888	153	$\frac{1}{51}$	$\frac{13}{153}$	$\frac{35}{153}$	$\frac{25}{51}$	$\Phi_{153}^{12}\ \Phi_{51}^{13}\ \Phi_{17}^{13}\ \Phi_9^{12}\ \Phi_3^{13}\ \Phi_1^{14}$
150840	1888	1071	$\frac{1}{51}$	$\frac{127}{1071}$	$\frac{26}{153}$	$\frac{25}{51}$	$\Phi_{1071}^2\ \Phi_{357}^2\ \Phi_{119}^2\ \Phi_{63}^2\ \Phi_{51}\ \Phi_{21}^2\ \Phi_{17}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
150841	1888	925	$\frac{19}{925}$	$\frac{1}{37}$	$\frac{18}{37}$	$\frac{453}{925}$	$\Phi_{925}^2\ \Phi_{185}^2\ \Phi_{37}^3\ \Phi_{25}^2\ \Phi_5^2\ \Phi_1^4$
150842	1888	231	$\frac{5}{231}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{113}{231}$	$\Phi_{231}^8\ \Phi_{77}^8\ \Phi_{33}^8\ \Phi_{21}^{10}\ \Phi_{11}^8\ \Phi_7^{10}\ \Phi_3^9\ \Phi_1^{10}$
150843	1888	1155	$\frac{5}{231}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{113}{231}$	$\Phi_{1155}^2\ \Phi_{385}^2\ \Phi_{165}^2\ \Phi_{105}^2\ \Phi_{55}^3\ \Phi_{35}^2\ \Phi_{15}^2\ \Phi_5^2$
150844	1888	495	$\frac{1}{45}$	$\frac{23}{495}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{45}^2\ \Phi_{33}^4\ \Phi_{15}^2\ \Phi_{11}^4\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
150845	1888	645	$\frac{1}{43}$	$\frac{11}{129}$	$\frac{1}{5}$	$\frac{21}{43}$	$\Phi_{645}^4\ \Phi_{215}^3\ \Phi_{15}^4\ \Phi_5^2$
150846	1888	1845	$\frac{43}{1845}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{901}{1845}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{369}\ \Phi_{205}\ \Phi_{123}\ \Phi_{45}^2\ \Phi_{41}\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
150847	1888	555	$\frac{1}{37}$	$\frac{19}{185}$	$\frac{83}{555}$	$\frac{18}{37}$	$\Phi_{555}^4\ \Phi_{185}^2\ \Phi_{111}^4\ \Phi_{37}^3\ \Phi_{15}^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
150848	1888	459	$\frac{13}{459}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{223}{459}$	$\Phi_{459}^4\ \Phi_{153}^4\ \Phi_{51}^4\ \Phi_{27}^6\ \Phi_{17}^4\ \Phi_9^6\ \Phi_3^5\ \Phi_1^6$
150849	1888	459	$\frac{13}{459}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{223}{459}$	$\Phi_{459}^4\ \Phi_{153}^4\ \Phi_{51}^4\ \Phi_{27}^4\ \Phi_{17}^7\ \Phi_9^4\ \Phi_3^4\ \Phi_1^8$
150850	1888	735	$\frac{1}{35}$	$\frac{9}{245}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{735}^4\ \Phi_{147}^4\ \Phi_{105}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_3^2$
150851	1888	2697	$\frac{1}{31}$	$\frac{1}{29}$	$\frac{28}{87}$	$\frac{15}{31}$	$\Phi_{2697}\ \Phi_{93}\ \Phi_{87}^2\ \Phi_{31}\ \Phi_3^2\ \Phi_1^2$
150852	1888	1827	$\frac{2}{63}$	$\frac{61}{1827}$	$\frac{1}{3}$	$\frac{883}{1827}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{261}\ \Phi_{203}\ \Phi_{87}\ \Phi_{63}^2\ \Phi_{29}\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
150853	1888	1254	$\frac{1}{33}$	$\frac{2}{57}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{1254}^3\ \Phi_{418}^3\ \Phi_{114}^2\ \Phi_{66}^3\ \Phi_{38}^2\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150854	1888	243	$\frac{7}{243}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{243}^8\ \Phi_{81}^8\ \Phi_{27}^6\ \Phi_9^6\ \Phi_3^5\ \Phi_1^6$
150855	1888	1365	$\frac{1}{35}$	$\frac{17}{455}$	$\frac{1}{3}$	$\frac{219}{455}$	$\Phi_{1365}^2\ \Phi_{273}^2\ \Phi_{195}^2\ \Phi_{105}^3\ \Phi_{39}^2\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_3^2$
150856	1888	483	$\frac{11}{483}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{483}^4\ \Phi_{161}^4\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
150857	1888	225	$\frac{1}{45}$	$\frac{11}{225}$	$\frac{1}{3}$	$\frac{107}{225}$	$\Phi_{225}^8\ \Phi_{75}^8\ \Phi_{45}^{10}\ \Phi_{25}^8\ \Phi_{15}^{10}\ \Phi_9^{10}\ \Phi_5^{10}\ \Phi_3^9\ \Phi_1^{10}$
150858	1888	2640	$\frac{1}{33}$	$\frac{1}{20}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{240}\ \Phi_{220}\ \Phi_{176}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{48}\ \Phi_{44}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
150859	1888	3696	$\frac{1}{33}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
150860	1888	1904	$\frac{3}{56}$	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{53}{112}$	$\Phi_{1904}^2\ \Phi_{272}^2\ \Phi_{119}$
150861	1888	1785	$\frac{2}{105}$	$\frac{103}{1785}$	$\frac{1}{3}$	$\frac{841}{1785}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}^2\ \Phi_{85}\ \Phi_{51}\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
150862	1888	1785	$\frac{103}{1785}$	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{841}{1785}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}^2\ \Phi_{105}\ \Phi_{85}\ \Phi_{51}\ \Phi_{35}\ \Phi_{21}\ \Phi_{17}\ \Phi_{15}\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
150863	1888	561	$\frac{9}{187}$	$\frac{1}{17}$	$\frac{89}{561}$	$\frac{8}{17}$	$\Phi_{561}^4\ \Phi_{187}^2\ \Phi_{51}^4\ \Phi_{33}^4\ \Phi_{17}^3\ \Phi_{11}^2\ \Phi_3^4\ \Phi_1^4$
150864	1888	68	$\frac{1}{17}$	$\frac{1}{17}$	$\frac{9}{68}$	$\frac{8}{17}$	$\Phi_{68}^{32}\ \Phi_{34}^{32}\ \Phi_{17}^{15}\ \Phi_4^{32}\ \Phi_2^{32}\ \Phi_1^{16}$
150865	1888	255	$\frac{1}{17}$	$\frac{19}{255}$	$\frac{9}{85}$	$\frac{8}{17}$	$\Phi_{255}^8\ \Phi_{85}^6\ \Phi_{51}^8\ \Phi_{17}^7\ \Phi_{15}^8\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
150866	1888	111	$\frac{1}{37}$	$\frac{7}{111}$	$\frac{9}{37}$	$\frac{52}{111}$	$\Phi_{111}^{16}\ \Phi_{37}^{19}\ \Phi_3^{16}\ \Phi_1^{20}$
150867	1888	111	$\frac{2}{37}$	$\frac{7}{111}$	$\frac{5}{37}$	$\frac{52}{111}$	$\Phi_{111}^{16}\ \Phi_{37}^{19}\ \Phi_3^{16}\ \Phi_1^{20}$
150868	1888	60	$\frac{1}{60}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{60}^{32}\ \Phi_{30}^{32}\ \Phi_{20}^{32}\ \Phi_{15}^{30}\ \Phi_{12}^{32}\ \Phi_{10}^{32}\ \Phi_6^{32}\ \Phi_5^{30}\ \Phi_4^{32}\ \Phi_3^{29}\ \Phi_2^{32}\ \Phi_1^{30}$
150869	1888	390	$\frac{1}{39}$	$\frac{1}{15}$	$\frac{19}{78}$	$\frac{7}{15}$	$\Phi_{390}^6\ \Phi_{195}^3\ \Phi_{130}^6\ \Phi_{78}^8\ \Phi_{65}^3\ \Phi_{39}^4\ \Phi_{30}^6\ \Phi_{26}^8\ \Phi_{15}^4\ \Phi_{13}^4\ \Phi_{10}^6\ \Phi_6^8\ \Phi_5^4\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
150870	1888	315	$\frac{4}{63}$	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{7}{15}$	$\Phi_{315}^6\ \Phi_{105}^6\ \Phi_{63}^8\ \Phi_{45}^3\ \Phi_{35}^6\ \Phi_{21}^8\ \Phi_{15}^4\ \Phi_9^4\ \Phi_7^8\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
150871	1888	195	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{7}{15}$	$\Phi_{195}^9\ \Phi_{65}^{11}\ \Phi_{39}^9\ \Phi_{15}^{10}\ \Phi_{13}^{10}\ \Phi_5^{12}\ \Phi_3^{10}\ \Phi_1^{12}$
150872	1888	221	$\frac{1}{17}$	$\frac{15}{221}$	$\frac{2}{17}$	$\frac{103}{221}$	$\Phi_{221}^8\ \Phi_{17}^{15}\ \Phi_{13}^8\ \Phi_1^{16}$
150873	1888	441	$\frac{1}{63}$	$\frac{31}{441}$	$\frac{1}{3}$	$\frac{205}{441}$	$\Phi_{441}^4\ \Phi_{147}^4\ \Phi_{63}^6\ \Phi_{49}^4\ \Phi_{21}^6\ \Phi_9^6\ \Phi_7^6\ \Phi_3^5\ \Phi_1^6$
150874	1888	330	$\frac{1}{33}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{330}^{11}\ \Phi_{165}\ \Phi_{110}^{10}\ \Phi_{66}^{11}\ \Phi_{55}\ \Phi_{30}^{11}\ \Phi_{22}^{10}\ \Phi_{15}\ \Phi_{10}^{10}\ \Phi_6^{11}\ \Phi_2^{10}$
150875	1888	1755	$\frac{2}{135}$	$\frac{133}{1755}$	$\frac{1}{3}$	$\frac{811}{1755}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}^2\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
150876	1888	792	$\frac{1}{33}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{792}^3\ \Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^3\ \Phi_{99}^3\ \Phi_{72}^2\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150877	1888	660	$\frac{1}{60}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{110}^3\ \Phi_{66}^3\ \Phi_{60}^2\ \Phi_{55}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{30}^2\ \Phi_{22}^3\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2$
150878	1888	605	$\frac{3}{121}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{605}^4\ \Phi_{55}^3\ \Phi_5^2$
150879	1888	1188	$\frac{1}{33}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{1188}^3\ \Phi_{396}^3\ \Phi_{132}^3\ \Phi_{108}^2\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
150880	1888	215	$\frac{1}{43}$	$\frac{21}{215}$	$\frac{1}{5}$	$\frac{97}{215}$	$\Phi_{215}^9\ \Phi_{43}^8\ \Phi_5^8\ \Phi_1^8$
150881	1888	1701	$\frac{2}{189}$	$\frac{187}{1701}$	$\frac{1}{3}$	$\frac{757}{1701}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{243}\ \Phi_{189}^2\ \Phi_{81}\ \Phi_{63}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
150882	1888	477	$\frac{5}{477}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{477}^4\ \Phi_{159}^4\ \Phi_{53}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
150883	1888	1887	$\frac{23}{1887}$	$\frac{233}{1887}$	$\frac{530}{1887}$	$\frac{827}{1887}$	$\Phi_{1887}\ \Phi_{629}\ \Phi_{111}\ \Phi_{51}\ \Phi_{37}\ \Phi_{17}\ \Phi_3\ \Phi_1^2$
150884	1888	105	$\frac{1}{105}$	$\frac{13}{105}$	$\frac{1}{3}$	$\frac{46}{105}$	$\Phi_{105}^{18}\ \Phi_{35}^{18}\ \Phi_{21}^{18}\ \Phi_{15}^{18}\ \Phi_7^{18}\ \Phi_5^{18}\ \Phi_3^{17}\ \Phi_1^{18}$
150885	1888	833	$\frac{1}{17}$	$\frac{8}{119}$	$\frac{111}{833}$	$\frac{361}{833}$	$\Phi_{833}^2\ \Phi_{119}^4\ \Phi_{49}^2\ \Phi_{17}^3\ \Phi_7^4\ \Phi_1^4$
150886	1888	1665	$\frac{1}{111}$	$\frac{223}{1665}$	$\frac{110}{333}$	$\frac{721}{1665}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{333}^2\ \Phi_{185}\ \Phi_{111}\ \Phi_{45}\ \Phi_{37}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
150887	1888	357	$\frac{1}{119}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{357}^8\ \Phi_{51}^8\ \Phi_{21}^7\ \Phi_3^6$
150888	1888	1645	$\frac{3}{235}$	$\frac{1}{7}$	$\frac{58}{235}$	$\frac{3}{7}$	$\Phi_{1645}\ \Phi_{329}\ \Phi_{235}^2\ \Phi_{47}^2\ \Phi_{35}\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
150889	1888	420	$\frac{1}{60}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^8\ \Phi_{42}^4\ \Phi_{35}^3\ \Phi_{30}^8\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{20}^8\ \Phi_{15}^8\ \Phi_{14}^4\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_7^4\ \Phi_6^8\ \Phi_5^6\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
150890	1888	987	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{23}{141}$	$\frac{3}{7}$	$\Phi_{987}^2\ \Phi_{329}\ \Phi_{141}^4\ \Phi_{47}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^4\ \Phi_1^4$
150891	1888	1071	$\frac{1}{17}$	$\frac{4}{63}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1071}^2\ \Phi_{357}^2\ \Phi_{153}^2\ \Phi_{119}\ \Phi_{51}^2$
150892	1888	102	$\frac{1}{17}$	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{43}{102}$	$\Phi_{102}^{32}\ \Phi_{34}^{32}\ \Phi_{17}^{15}\ \Phi_6^{32}\ \Phi_2^{32}\ \Phi_1^{16}$
150893	1888	333	$\frac{1}{111}$	$\frac{55}{333}$	$\frac{97}{333}$	$\frac{139}{333}$	$\Phi_{333}^6\ \Phi_{111}^5\ \Phi_{37}^5\ \Phi_9^6\ \Phi_3^5\ \Phi_1^6$
150894	1888	405	$\frac{1}{135}$	$\frac{67}{405}$	$\frac{1}{3}$	$\frac{169}{405}$	$\Phi_{405}^4\ \Phi_{135}^6\ \Phi_{81}^4\ \Phi_{45}^6\ \Phi_{27}^6\ \Phi_{15}^6\ \Phi_9^6\ \Phi_5^6\ \Phi_3^5\ \Phi_1^6$
150895	1888	119	$\frac{1}{119}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{119}^{16}\ \Phi_{17}^{15}\ \Phi_7^{16}\ \Phi_1^{16}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
150896	1888	3300	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{330}\ \Phi_{300}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
150897	1888	1887	$\frac{19}{1887}$	$\frac{355}{1887}$	$\frac{467}{1887}$	$\frac{766}{1887}$	$\Phi_{1887}\ \Phi_{629}\ \Phi_{111}\ \Phi_{51}\ \Phi_{37}\ \Phi_{17}\ \Phi_{3}\ \Phi_{1}^{2}$
150898	1888	1575	$\frac{2}{315}$	$\frac{313}{1575}$	$\frac{1}{3}$	$\frac{631}{1575}$	$\Phi_{1575}\ \Phi_{525}\ \Phi_{315}^{2}\ \Phi_{225}\ \Phi_{175}\ \Phi_{105}^{2}\ \Phi_{75}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{35}^{2}\ \Phi_{25}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
150899	1888	1425	$\frac{3}{475}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1425}^{2}\ \Phi_{285}^{2}\ \Phi_{75}^{2}\ \Phi_{57}^{2}\ \Phi_{15}$
150900	1888	660	$\frac{1}{60}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{220}^{3}\ \Phi_{165}^{3}\ \Phi_{132}^{3}\ \Phi_{110}^{3}\ \Phi_{66}^{3}\ \Phi_{60}^{2}\ \Phi_{55}^{3}\ \Phi_{44}^{3}\ \Phi_{33}^{2}\ \Phi_{30}^{2}\ \Phi_{22}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
150901	1888	1056	$\frac{1}{33}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{1056}^{3}\ \Phi_{352}^{3}\ \Phi_{132}^{3}\ \Phi_{96}^{2}\ \Phi_{66}^{3}\ \Phi_{44}^{3}\ \Phi_{33}^{2}\ \Phi_{32}^{2}\ \Phi_{22}^{3}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
150902	1888	259	$\frac{1}{37}$	$\frac{23}{259}$	$\frac{9}{37}$	$\frac{14}{37}$	$\Phi_{259}^{8}\ \Phi_{37}^{3}\ \Phi_{7}^{8}\ \Phi_{1}^{4}$
150903	1888	629	$\frac{9}{629}$	$\frac{98}{629}$	$\frac{155}{629}$	$\frac{237}{629}$	$\Phi_{629}^{3}\ \Phi_{37}^{3}\ \Phi_{17}^{3}\ \Phi_{1}^{4}$
150904	1888	2365	$\frac{5}{473}$	$\frac{1}{5}$	$\frac{117}{473}$	$\frac{178}{473}$	$\Phi_{2365}\ \Phi_{215}\ \Phi_{55}$
150905	1888	1887	$\frac{11}{1887}$	$\frac{469}{1887}$	$\frac{589}{1887}$	$\frac{709}{1887}$	$\Phi_{1887}\ \Phi_{629}\ \Phi_{111}\ \Phi_{51}\ \Phi_{37}\ \Phi_{17}\ \Phi_{3}\ \Phi_{1}^{2}$
150906	1888	189	$\frac{1}{189}$	$\frac{47}{189}$	$\frac{1}{3}$	$\frac{71}{189}$	$\Phi_{189}^{10}\ \Phi_{63}^{10}\ \Phi_{27}^{10}\ \Phi_{21}^{10}\ \Phi_{9}^{10}\ \Phi_{7}^{10}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
150907	1888	2112	$\frac{1}{33}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{192}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{22}\ \Phi_{12}\ \Phi_{6}$
150908	1888	1443	$\frac{1}{37}$	$\frac{36}{481}$	$\frac{445}{1443}$	$\frac{499}{1443}$	$\Phi_{1443}\ \Phi_{481}^{2}\ \Phi_{111}\ \Phi_{39}\ \Phi_{37}\ \Phi_{13}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
150909	1888	990	$\frac{1}{33}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{990}^{3}\ \Phi_{330}^{3}\ \Phi_{198}^{3}\ \Phi_{165}^{3}\ \Phi_{110}^{3}\ \Phi_{90}^{2}\ \Phi_{66}^{3}\ \Phi_{55}^{3}\ \Phi_{33}^{2}\ \Phi_{30}^{2}\ \Phi_{22}^{3}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
150910	1888	357	$\frac{4}{119}$	$\frac{1}{17}$	$\frac{115}{357}$	$\frac{121}{357}$	$\Phi_{357}^{4}\ \Phi_{119}^{8}\ \Phi_{51}^{4}\ \Phi_{21}^{4}\ \Phi_{17}^{7}\ \Phi_{7}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
150911	1888	237	$\frac{1}{237}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{237}^{8}\ \Phi_{79}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
150912	1888	1413	$\frac{2}{471}$	$\frac{469}{1413}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1413}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
150913	1888	471	$\frac{1}{157}$	$\frac{39}{157}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{471}^{3}\ \Phi_{157}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
150914	1888	1785	$\frac{1}{119}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{595}^{2}\ \Phi_{255}\ \Phi_{105}\ \Phi_{85}^{2}\ \Phi_{35}^{2}$
150915	1888	471	$\frac{7}{471}$	$\frac{58}{471}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{471}^{4}\ \Phi_{157}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
150916	1888	180	$\frac{1}{60}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}^{8}\ \Phi_{45}^{12}\ \Phi_{36}^{12}\ \Phi_{30}^{8}\ \Phi_{20}^{8}\ \Phi_{18}^{12}\ \Phi_{15}^{8}\ \Phi_{12}^{8}\ \Phi_{10}^{8}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
150917	1888	1215	$\frac{1}{135}$	$\frac{271}{1215}$	$\frac{134}{405}$	$\frac{1}{3}$	$\Phi_{1215}^{2}\ \Phi_{243}^{2}\ \Phi_{135}^{2}\ \Phi_{45}^{2}\ \Phi_{27}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
150918	1888	705	$\frac{2}{235}$	$\frac{1}{5}$	$\frac{233}{705}$	$\frac{1}{3}$	$\Phi_{705}^{2}\ \Phi_{235}^{4}\ \Phi_{141}^{2}\ \Phi_{47}^{4}\ \Phi_{15}^{3}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
150919	1888	567	$\frac{2}{189}$	$\frac{95}{567}$	$\frac{187}{567}$	$\frac{1}{3}$	$\Phi_{567}^{3}\ \Phi_{189}^{4}\ \Phi_{81}^{3}\ \Phi_{63}^{4}\ \Phi_{27}^{4}\ \Phi_{21}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
150920	1888	1407	$\frac{6}{469}$	$\frac{1}{7}$	$\frac{463}{1407}$	$\frac{1}{3}$	$\Phi_{1407}\ \Phi_{469}^{2}\ \Phi_{201}\ \Phi_{67}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
150921	1888	351	$\frac{2}{117}$	$\frac{1}{9}$	$\frac{115}{351}$	$\frac{1}{3}$	$\Phi_{351}^{8}\ \Phi_{27}^{8}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
150922	1888	1395	$\frac{14}{465}$	$\frac{1}{15}$	$\frac{451}{1395}$	$\frac{1}{3}$	$\Phi_{1395}^{2}\ \Phi_{279}^{2}\ \Phi_{45}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
150923	1888	1479	$\frac{1}{29}$	$\frac{1}{17}$	$\frac{28}{87}$	$\frac{1}{3}$	$\Phi_{1479}\ \Phi_{493}^{2}\ \Phi_{51}^{2}\ \Phi_{17}^{2}$
150924	1888	693	$\frac{10}{231}$	$\frac{1}{21}$	$\frac{221}{693}$	$\frac{1}{3}$	$\Phi_{693}^{4}\ \Phi_{99}^{4}\ \Phi_{63}^{4}\ \Phi_{21}^{2}\ \Phi_{9}^{4}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
150925	1888	1377	$\frac{1}{27}$	$\frac{26}{459}$	$\frac{433}{1377}$	$\frac{1}{3}$	$\Phi_{1377}^{2}\ \Phi_{81}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
150926	1888	243	$\frac{7}{243}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{243}^{8}\ \Phi_{81}^{7}\ \Phi_{27}^{8}\ \Phi_{9}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
150927	1888	1365	$\frac{1}{35}$	$\frac{34}{455}$	$\frac{421}{1365}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}^{2}\ \Phi_{273}\ \Phi_{195}\ \Phi_{105}^{2}\ \Phi_{91}^{2}\ \Phi_{65}^{2}\ \Phi_{39}\ \Phi_{35}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
150928	1888	675	$\frac{1}{45}$	$\frac{22}{225}$	$\frac{203}{675}$	$\frac{1}{3}$	$\Phi_{675}^{4}\ \Phi_{135}^{4}\ \Phi_{45}^{2}\ \Phi_{27}^{4}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
150929	1888	180	$\frac{1}{60}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{180}^{15}\ \Phi_{90}^{15}\ \Phi_{60}^{2}\ \Phi_{45}^{14}\ \Phi_{36}^{15}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{15}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{14}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
150930	1888	1323	$\frac{1}{63}$	$\frac{62}{441}$	$\frac{379}{1323}$	$\frac{1}{3}$	$\Phi_{1323}^{2}\ \Phi_{189}^{2}\ \Phi_{63}^{2}\ \Phi_{27}^{2}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
150931	1888	315	$\frac{1}{105}$	$\frac{26}{105}$	$\frac{79}{315}$	$\frac{1}{3}$	$\Phi_{315}^{8}\ \Phi_{105}^{2}\ \Phi_{63}^{8}\ \Phi_{45}^{8}\ \Phi_{35}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{8}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
150932	1888	705	$\frac{3}{235}$	$\frac{1}{5}$	$\frac{58}{235}$	$\frac{1}{3}$	$\Phi_{705}^{4}\ \Phi_{141}^{4}\ \Phi_{15}^{5}\ \Phi_{3}^{4}$
150933	1888	945	$\frac{13}{945}$	$\frac{178}{945}$	$\frac{233}{945}$	$\frac{1}{3}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{135}^{2}\ \Phi_{105}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{35}^{2}\ \Phi_{27}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
150934	1888	135	$\frac{1}{45}$	$\frac{17}{135}$	$\frac{11}{45}$	$\frac{1}{3}$	$\Phi_{135}^{16}\ \Phi_{45}^{10}\ \Phi_{27}^{16}\ \Phi_{15}^{10}\ \Phi_{9}^{10}\ \Phi_{5}^{10}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
150935	1888	234	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{19}{78}$	$\frac{1}{3}$	$\Phi_{234}^{12}\ \Phi_{117}^{6}\ \Phi_{78}^{8}\ \Phi_{39}^{4}\ \Phi_{26}^{8}\ \Phi_{18}^{12}\ \Phi_{13}^{4}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
150936	1888	621	$\frac{25}{621}$	$\frac{2}{27}$	$\frac{149}{621}$	$\frac{1}{3}$	$\Phi_{621}^{3}\ \Phi_{207}^{3}\ \Phi_{69}^{3}\ \Phi_{27}^{4}\ \Phi_{23}^{3}\ \Phi_{9}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
150937	1888	63	$\frac{1}{21}$	$\frac{4}{63}$	$\frac{5}{21}$	$\frac{1}{3}$	$\Phi_{63}^{32}\ \Phi_{21}^{26}\ \Phi_{9}^{32}\ \Phi_{7}^{26}\ \Phi_{3}^{25}\ \Phi_{1}^{26}$
150938	1888	243	$\frac{7}{243}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{243}^{8}\ \Phi_{81}^{8}\ \Phi_{27}^{8}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
150939	1888	513	$\frac{7}{171}$	$\frac{41}{513}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{513}^{4}\ \Phi_{171}^{3}\ \Phi_{57}^{3}\ \Phi_{27}^{4}\ \Phi_{19}^{3}\ \Phi_{9}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
150940	1888	495	$\frac{23}{495}$	$\frac{7}{99}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{495}^{4}\ \Phi_{165}^{4}\ \Phi_{99}^{3}\ \Phi_{55}^{4}\ \Phi_{45}^{4}\ \Phi_{33}^{3}\ \Phi_{15}^{4}\ \Phi_{11}^{3}\ \Phi_{9}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
150941	1888	60	$\frac{1}{60}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{60}^{32}\ \Phi_{30}^{32}\ \Phi_{20}^{32}\ \Phi_{15}^{29}\ \Phi_{12}^{32}\ \Phi_{10}^{32}\ \Phi_{6}^{32}\ \Phi_{5}^{32}\ \Phi_{4}^{32}\ \Phi_{3}^{28}\ \Phi_{2}^{32}\ \Phi_{1}^{32}$
150942	1888	3525	$\frac{4}{235}$	$\frac{231}{1175}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3525}\ \Phi_{75}\ \Phi_{15}$
150943	1888	705	$\frac{1}{47}$	$\frac{23}{141}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{705}^{3}\ \Phi_{235}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{4}$
150944	1888	1125	$\frac{1}{45}$	$\frac{181}{1125}$	$\frac{44}{225}$	$\frac{1}{3}$	$\Phi_{1125}^{2}\ \Phi_{375}^{2}\ \Phi_{125}^{2}\ \Phi_{45}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
150945	1888	585	$\frac{4}{117}$	$\frac{1}{9}$	$\frac{113}{585}$	$\frac{1}{3}$	$\Phi_{585}^{4}\ \Phi_{195}^{4}\ \Phi_{65}^{4}\ \Phi_{45}^{4}\ \Phi_{15}^{4}\ \Phi_{9}^{2}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
150946	1888	1155	$\frac{1}{21}$	$\frac{20}{231}$	$\frac{211}{1155}$	$\frac{1}{3}$	$\Phi_{1155}^{2}\ \Phi_{385}^{2}\ \Phi_{165}^{2}\ \Phi_{105}^{2}\ \Phi_{55}^{2}\ \Phi_{35}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
150947	1888	975	$\frac{31}{975}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{975}^{2}\ \Phi_{325}^{2}\ \Phi_{195}^{2}\ \Phi_{75}\ \Phi_{65}^{2}\ \Phi_{39}^{2}\ \Phi_{25}\ \Phi_{15}^{2}\ \Phi_{13}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
150948	1888	1125	$\frac{13}{375}$	$\frac{2}{15}$	$\frac{181}{1125}$	$\frac{1}{3}$	$\Phi_{1125}^{2}\ \Phi_{375}\ \Phi_{225}^{2}\ \Phi_{125}\ \Phi_{75}\ \Phi_{45}^{2}\ \Phi_{25}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
150949	1888	210	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{11}{70}$	$\frac{1}{3}$	$\Phi_{210}^{16}\ \Phi_{105}^{11}\ \Phi_{42}^{16}\ \Phi_{30}^{16}\ \Phi_{21}^{11}\ \Phi_{15}^{11}\ \Phi_{6}^{16}\ \Phi_{3}^{10}$
150950	1888	819	$\frac{2}{39}$	$\frac{1}{9}$	$\frac{37}{273}$	$\frac{1}{3}$	$\Phi_{819}^{3}\ \Phi_{273}^{2}\ \Phi_{91}^{2}\ \Phi_{63}^{3}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
150951	1888	135	$\frac{7}{135}$	$\frac{16}{135}$	$\frac{17}{135}$	$\frac{1}{3}$	$\Phi_{135}^{14}\ \Phi_{45}^{14}\ \Phi_{27}^{14}\ \Phi_{15}^{14}\ \Phi_{9}^{14}\ \Phi_{5}^{14}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
150952	1888	63	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{63}^{32}\ \Phi_{21}^{32}\ \Phi_{9}^{18}\ \Phi_{7}^{32}\ \Phi_{3}^{17}\ \Phi_{1}^{18}$
150953	1888	1053	$\frac{8}{117}$	$\frac{109}{1053}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{1053}^{2}\ \Phi_{351}^{2}\ \Phi_{81}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
150954	1888	585	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{585}^{4}\ \Phi_{195}^{2}\ \Phi_{117}^{2}\ \Phi_{65}^{4}\ \Phi_{45}^{4}\ \Phi_{39}\ \Phi_{15}^{2}\ \Phi_{13}^{2}\ \Phi_{9}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
150955	1888	2697	$\frac{1}{29}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{28}{87}$	$\Phi_{2697}\ \Phi_{93}\ \Phi_{87}^{2}\ \Phi_{31}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
150956	1888	1305	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{28}{87}$	$\Phi_{1305}^{2}\ \Phi_{435}\ \Phi_{145}^{2}\ \Phi_{45}^{3}\ \Phi_{15}^{2}\ \Phi_{5}^{2}$
150957	1888	3465	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{221}{693}$	$\Phi_{3465}\ \Phi_{495}\ \Phi_{315}\ \Phi_{55}\ \Phi_{45}$
150958	1888	153	$\frac{1}{17}$	$\frac{1}{17}$	$\frac{35}{153}$	$\frac{16}{51}$	$\Phi_{153}^{16}\ \Phi_{17}^{15}\ \Phi_{9}^{16}\ \Phi_{1}^{16}$
150959	1888	495	$\frac{23}{495}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{495}^{4}\ \Phi_{165}^{3}\ \Phi_{99}^{4}\ \Phi_{55}^{4}\ \Phi_{45}^{4}\ \Phi_{33}^{4}\ \Phi_{15}^{3}\ \Phi_{11}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
150960	1888	924	$\frac{1}{33}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{231}^{2}\ \Phi_{154}^{2}\ \Phi_{132}^{3}\ \Phi_{84}\ \Phi_{77}^{2}\ \Phi_{66}^{3}\ \Phi_{44}^{3}\ \Phi_{42}\ \Phi_{33}^{2}\ \Phi_{28}^{2}\ \Phi_{22}^{3}\ \Phi_{21}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
150961	1888	1428	$\frac{1}{17}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{84}$	$\Phi_{1428}^{2}\ \Phi_{714}^{2}\ \Phi_{357}^{2}\ \Phi_{204}^{2}\ \Phi_{119}\ \Phi_{102}^{2}\ \Phi_{51}^{2}$
150962	1888	333	$\frac{1}{37}$	$\frac{14}{111}$	$\frac{9}{37}$	$\frac{97}{333}$	$\Phi_{333}^{8}\ \Phi_{37}^{3}\ \Phi_{9}^{8}\ \Phi_{1}^{4}$
150963	1888	1071	$\frac{1}{17}$	$\frac{127}{1071}$	$\frac{16}{119}$	$\frac{103}{357}$	$\Phi_{1071}^{2}\ \Phi_{357}\ \Phi_{153}^{2}\ \Phi_{119}^{2}\ \Phi_{63}^{2}\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
150964	1888	792	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{792}^{3}\ \Phi_{396}^{3}\ \Phi_{264}^{3}\ \Phi_{132}^{3}\ \Phi_{88}^{3}\ \Phi_{72}^{2}\ \Phi_{66}^{3}\ \Phi_{44}^{3}\ \Phi_{36}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{3}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
150965	1888	645	$\frac{1}{43}$	$\frac{42}{215}$	$\frac{1}{5}$	$\frac{173}{645}$	$\Phi_{645}^{4}\ \Phi_{215}\ \Phi_{129}^{4}\ \Phi_{15}^{4}\ \Phi_{3}^{4}$
150966	1888	255	$\frac{1}{17}$	$\frac{19}{255}$	$\frac{4}{17}$	$\frac{13}{51}$	$\Phi_{255}^{8}\ \Phi_{85}^{8}\ \Phi_{51}^{4}\ \Phi_{17}^{7}\ \Phi_{15}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
150967	1888	711	$\frac{3}{79}$	$\frac{1}{9}$	$\frac{19}{79}$	$\frac{20}{79}$	$\Phi_{711}^{3}\ \Phi_{237}^{3}\ \Phi_{9}^{2}\ \Phi_{3}^{2}$
150968	1888	555	$\frac{1}{37}$	$\frac{83}{555}$	$\frac{9}{37}$	$\frac{28}{111}$	$\Phi_{555}^{4}\ \Phi_{185}^{4}\ \Phi_{37}^{3}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
150969	1888	390	$\frac{1}{39}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{19}{78}$	$\Phi_{390}^{6}\ \Phi_{195}^{3}\ \Phi_{130}^{6}\ \Phi_{78}^{8}\ \Phi_{65}^{3}\ \Phi_{39}^{4}\ \Phi_{30}^{6}\ \Phi_{26}^{8}\ \Phi_{15}^{3}\ \Phi_{13}^{4}\ \Phi_{10}^{6}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
150970	1888	74	$\frac{1}{37}$	$\frac{7}{37}$	$\frac{15}{74}$	$\frac{9}{37}$	$\Phi_{74}^{32}\ \Phi_{37}^{19}\ \Phi_{2}^{32}\ \Phi_{1}^{20}$
150971	1888	153	$\frac{1}{17}$	$\frac{13}{153}$	$\frac{35}{153}$	$\frac{4}{17}$	$\Phi_{153}^{12}\ \Phi_{51}^{12}\ \Phi_{17}^{15}\ \Phi_{9}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{16}$
150972	1888	385	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{18}{77}$	$\Phi_{385}^{6}\ \Phi_{55}^{7}\ \Phi_{35}^{6}\ \Phi_{5}^{6}$
150973	1888	645	$\frac{3}{43}$	$\frac{11}{129}$	$\frac{1}{5}$	$\frac{10}{43}$	$\Phi_{645}^{4}\ \Phi_{215}^{3}\ \Phi_{15}^{4}\ \Phi_{5}^{2}$
150974	1888	1190	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{3}{14}$	$\Phi_{1190}^{2}\ \Phi_{595}^{2}\ \Phi_{170}^{2}\ \Phi_{119}\ \Phi_{85}^{2}$
150975	1888	595	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{103}{595}$	$\frac{123}{595}$	$\Phi_{595}^{3}\ \Phi_{119}^{4}\ \Phi_{85}^{3}\ \Phi_{35}^{3}\ \Phi_{17}^{3}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
150976	1888	74	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{15}{74}$	$\Phi_{74}^{32}\ \Phi_{37}^{19}\ \Phi_{2}^{32}\ \Phi_{1}^{20}$
150977	1888	315	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{63}^{8}\ \Phi_{45}^{3}\ \Phi_{35}^{6}\ \Phi_{21}^{8}\ \Phi_{15}^{3}\ \Phi_{9}^{4}\ \Phi_{7}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
150978	1888	65	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{65}^{29}\ \Phi_{13}^{28}\ \Phi_{5}^{32}\ \Phi_{1}^{32}$
150979	1888	330	$\frac{1}{11}$	$\frac{7}{66}$	$\frac{5}{33}$	$\frac{1}{5}$	$\Phi_{330}^{8}\ \Phi_{165}^{6}\ \Phi_{110}^{8}\ \Phi_{55}^{7}\ \Phi_{30}^{8}\ \Phi_{15}^{6}\ \Phi_{10}^{8}\ \Phi_{5}^{6}$
150980	1888	2695	$\frac{1}{11}$	$\frac{67}{539}$	$\frac{10}{77}$	$\frac{1}{5}$	$\Phi_{2695}\ \Phi_{245}\ \Phi_{55}$
150981	1889	3744	$\frac{17}{1872}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1855}{3744}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
150982	1889	2528	$\frac{7}{632}$	$\frac{1}{8}$	$\frac{639}{2528}$	$\frac{625}{1264}$	$\Phi_{2528}\ \Phi_{632}\ \Phi_{316}\ \Phi_{158}\ \Phi_{79}\ \Phi_{32}\ \Phi_{1}$
150983	1889	2064	$\frac{3}{172}$	$\frac{175}{2064}$	$\frac{1}{4}$	$\frac{169}{344}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{688}\ \Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}\ \Phi_{48}\ \Phi_{43}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
150984	1889	3712	$\frac{33}{1856}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{1823}{3712}$	$\Phi_{3712}\ \Phi_{128}\ \Phi_{64}\ \Phi_{1}$
150985	1889	3696	$\frac{41}{1848}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1807}{3696}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{112}\ \Phi_{48}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
150986	1889	3648	$\frac{1}{32}$	$\frac{65}{1824}$	$\frac{31}{96}$	$\frac{1759}{3648}$	$\Phi_{3648}\ \Phi_{1216}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
150987	1889	2560	$\frac{1}{32}$	$\frac{31}{640}$	$\frac{671}{2560}$	$\frac{609}{1280}$	$\Phi_{2560}\ \Phi_{640}\ \Phi_{512}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
150988	1889	3584	$\frac{1}{32}$	$\frac{97}{1792}$	$\frac{31}{128}$	$\frac{1695}{3584}$	$\Phi_{3584}\ \Phi_{512}\ \Phi_{128}\ \Phi_{64}\ \Phi_{1}$
150989	1889	3584	$\frac{97}{1792}$	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1695}{3584}$	$\Phi_{3584}\ \Phi_{512}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
150990	1889	2176	$\frac{15}{272}$	$\frac{1}{16}$	$\frac{287}{2176}$	$\frac{257}{544}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{272}\ \Phi_{136}\ \Phi_{128}\ \Phi_{68}\ \Phi_{64}\ \Phi_{34}\ \Phi_{17}\ \Phi_{1}$
150991	1889	3540	$\frac{1}{59}$	$\frac{119}{1770}$	$\frac{58}{177}$	$\frac{1651}{3540}$	$\Phi_{3540}\ \Phi_{1180}\ \Phi_{708}\ \Phi_{236}\ \Phi_{177}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
150992	1889	1936	$\frac{47}{1936}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{484}\ \Phi_{242}\ \Phi_{176}\ \Phi_{121}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
150993	1889	3520	$\frac{1}{32}$	$\frac{129}{1760}$	$\frac{31}{160}$	$\frac{1631}{3520}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
150994	1889	2304	$\frac{1}{32}$	$\frac{31}{384}$	$\frac{415}{2304}$	$\frac{353}{768}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
150995	1889	2596	$\frac{1}{59}$	$\frac{58}{649}$	$\frac{707}{2596}$	$\frac{591}{1298}$	$\Phi_{2596}\ \Phi_{649}\ \Phi_{236}\ \Phi_{44}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
150996	1889	3456	$\frac{1}{32}$	$\frac{161}{1728}$	$\frac{31}{192}$	$\frac{1567}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
150997	1889	3440	$\frac{3}{172}$	$\frac{169}{1720}$	$\frac{1}{4}$	$\frac{1551}{3440}$	$\Phi_{3440}\ \Phi_{688}\ \Phi_{172}\ \Phi_{86}\ \Phi_{80}\ \Phi_{43}\ \Phi_{16}\ \Phi_{1}$
150998	1889	2016	$\frac{1}{16}$	$\frac{127}{2016}$	$\frac{15}{112}$	$\frac{97}{224}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
150999	1889	3264	$\frac{15}{272}$	$\frac{1}{16}$	$\frac{257}{1632}$	$\frac{1375}{3264}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{272}\ \Phi_{192}\ \Phi_{136}\ \Phi_{68}\ \Phi_{64}\ \Phi_{34}\ \Phi_{17}\ \Phi_{1}$
151000	1889	3200	$\frac{1}{32}$	$\frac{31}{320}$	$\frac{289}{1600}$	$\frac{1311}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
151001	1889	3072	$\frac{1}{32}$	$\frac{31}{384}$	$\frac{353}{1536}$	$\frac{1183}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
151002	1889	2048	$\frac{1}{32}$	$\frac{159}{2048}$	$\frac{31}{128}$	$\frac{97}{256}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{512}\ \Phi_{128}\ \Phi_{64}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
151003	1889	1920	$\frac{31}{1920}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
151004	1889	2880	$\frac{1}{32}$	$\frac{31}{480}$	$\frac{449}{1440}$	$\frac{991}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
151005	1889	2124	$\frac{1}{59}$	$\frac{235}{2124}$	$\frac{58}{177}$	$\frac{119}{354}$	$\Phi_{2124}\ \Phi_{1062}\ \Phi_{708}\ \Phi_{531}\ \Phi_{236}\ \Phi_{177}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
151006	1889	2832	$\frac{1}{236}$	$\frac{235}{708}$	$\frac{943}{2832}$	$\frac{473}{1416}$	$\Phi_{2832}\ \Phi_{944}\ \Phi_{708}\ \Phi_{354}\ \Phi_{177}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
151007	1889	2655	$\frac{1}{59}$	$\frac{119}{885}$	$\frac{766}{2655}$	$\frac{58}{177}$	$\Phi_{2655}\ \Phi_{531}\ \Phi_{177}\ \Phi_{45}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
151008	1889	2808	$\frac{17}{936}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{919}{2808}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
151009	1889	2772	$\frac{41}{924}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{883}{2772}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{63}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
151010	1889	2448	$\frac{15}{272}$	$\frac{1}{16}$	$\frac{559}{2448}$	$\frac{257}{816}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{272}\ \Phi_{153}\ \Phi_{144}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
151011	1889	1980	$\frac{91}{1980}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
151012	1889	2688	$\frac{1}{32}$	$\frac{97}{896}$	$\frac{31}{128}$	$\frac{799}{2688}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{128}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
151013	1889	2688	$\frac{1}{16}$	$\frac{97}{896}$	$\frac{15}{112}$	$\frac{799}{2688}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
151014	1889	2496	$\frac{17}{624}$	$\frac{1}{8}$	$\frac{607}{2496}$	$\frac{7}{24}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{832}\ \Phi_{416}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
151015	1889	1944	$\frac{55}{1944}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
151016	1889	2184	$\frac{17}{312}$	$\frac{1}{8}$	$\frac{295}{2184}$	$\frac{7}{24}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{168}\ \Phi_{91}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
151017	1889	2016	$\frac{127}{2016}$	$\frac{17}{144}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
151018	1889	2304	$\frac{1}{32}$	$\frac{31}{192}$	$\frac{415}{2304}$	$\frac{161}{576}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
151019	1889	2580	$\frac{3}{172}$	$\frac{169}{860}$	$\frac{1}{4}$	$\frac{691}{2580}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{645}\ \Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}\ \Phi_{60}\ \Phi_{43}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
151020	1889	2464	$\frac{41}{616}$	$\frac{3}{44}$	$\frac{575}{2464}$	$\frac{1}{4}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{352}\ \Phi_{224}\ \Phi_{176}\ \Phi_{112}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
151021	1889	2112	$\frac{3}{44}$	$\frac{223}{2112}$	$\frac{41}{264}$	$\frac{1}{4}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{192}\ \Phi_{176}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
151022	1889	2156	$\frac{3}{44}$	$\frac{267}{2156}$	$\frac{41}{308}$	$\frac{1}{4}$	$\Phi_{2156}\ \Phi_{1078}\ \Phi_{539}\ \Phi_{196}\ \Phi_{98}\ \Phi_{49}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
151023	1889	2240	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{351}{2240}$	$\frac{97}{448}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{320}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
151024	1890	3016	$\frac{1}{377}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{188}{377}$	$\Phi_{3016}\ \Phi_{377}\ \Phi_{232}\ \Phi_{104}\ \Phi_{29}\ \Phi_{13}\ \Phi_{8}^2\ \Phi_{1}^2$
151025	1890	3140	$\frac{1}{314}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{313}{628}$	$\Phi_{3140}\ \Phi_{628}^2\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
151026	1890	1884	$\frac{1}{314}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{313}{628}$	$\Phi_{1884}\ \Phi_{942}^2\ \Phi_{471}^2\ \Phi_{12}^2\ \Phi_{6}^3\ \Phi_{3}^2$
151027	1890	3228	$\frac{1}{269}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{134}{269}$	$\Phi_{3228}\ \Phi_{1076}\ \Phi_{269}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
151028	1890	2421	$\frac{1}{269}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{134}{269}$	$\Phi_{2421}\ \Phi_{269}\ \Phi_{9}^2\ \Phi_{1}^2$
151029	1890	3344	$\frac{1}{209}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{104}{209}$	$\Phi_{3344}\ \Phi_{304}\ \Phi_{209}\ \Phi_{176}\ \Phi_{19}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_{1}^2$
151030	1890	836	$\frac{1}{209}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{104}{209}$	$\Phi_{836}^2\ \Phi_{418}^2\ \Phi_{209}^3\ \Phi_{76}^2\ \Phi_{44}^2\ \Phi_{38}^2\ \Phi_{22}^2\ \Phi_{19}^3\ \Phi_{11}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
151031	1890	3384	$\frac{1}{188}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{187}{376}$	$\Phi_{3384}\ \Phi_{1128}\ \Phi_{376}^2\ \Phi_{72}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
151032	1890	1128	$\frac{1}{188}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{187}{376}$	$\Phi_{1128}^3\ \Phi_{376}^4\ \Phi_{24}^3\ \Phi_{8}^4\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
151033	1890	1889	$\frac{13}{1889}$	$\frac{317}{1889}$	$\frac{524}{1889}$	$\frac{938}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151034	1890	3484	$\frac{1}{134}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{133}{268}$	$\Phi_{3484}\ \Phi_{268}^2\ \Phi_{52}\ \Phi_{13}\ \Phi_4^2\ \Phi_1^2$
151035	1890	1608	$\frac{1}{134}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{133}{268}$	$\Phi_{1608}^2\ \Phi_{804}\ \Phi_{402}^2\ \Phi_{201}^2\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
151036	1890	2524	$\frac{5}{631}$	$\frac{106}{631}$	$\frac{1}{4}$	$\frac{313}{631}$	$\Phi_{2524}\ \Phi_{1262}$
151037	1890	3500	$\frac{1}{125}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{62}{125}$	$\Phi_{3500}\ \Phi_{700}\ \Phi_{500}\ \Phi_{140}\ \Phi_{125}\ \Phi_{100}\ \Phi_{28}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
151038	1890	875	$\frac{1}{125}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{62}{125}$	$\Phi_{875}^2\ \Phi_{175}^2\ \Phi_{125}^3\ \Phi_{35}^2\ \Phi_{25}^3\ \Phi_7^4\ \Phi_5^3\ \Phi_1^6$
151039	1890	1500	$\frac{1}{125}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{62}{125}$	$\Phi_{1500}^2\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}^2\ \Phi_{150}\ \Phi_{125}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
151040	1890	3536	$\frac{1}{104}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{103}{208}$	$\Phi_{3536}\ \Phi_{272}\ \Phi_{208}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_1^2$
151041	1890	3120	$\frac{1}{104}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{103}{208}$	$\Phi_{3120}^2\ \Phi_{624}\ \Phi_{240}^2\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
151042	1890	3536	$\frac{1}{104}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{103}{208}$	$\Phi_{3536}\ \Phi_{272}\ \Phi_{208}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_1^2$
151043	1890	1456	$\frac{1}{104}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{103}{208}$	$\Phi_{1456}^3\ \Phi_{112}^3\ \Phi_{28}\ \Phi_{14}$
151044	1890	1122	$\frac{2}{187}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{185}{374}$	$\Phi_{1122}^5\ \Phi_{102}^5\ \Phi_{66}^5\ \Phi_{33}\ \Phi_6^5$
151045	1890	1889	$\frac{21}{1889}$	$\frac{191}{1889}$	$\frac{566}{1889}$	$\frac{934}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151046	1890	3560	$\frac{1}{89}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{44}{89}$	$\Phi_{3560}\ \Phi_{712}\ \Phi_{89}\ \Phi_{40}^2\ \Phi_8^2\ \Phi_1^2$
151047	1890	890	$\frac{1}{89}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{44}{89}$	$\Phi_{890}^2\ \Phi_{445}^2\ \Phi_{178}^2\ \Phi_{89}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
151048	1890	712	$\frac{1}{89}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{44}{89}$	$\Phi_{712}^3\ \Phi_{356}^2\ \Phi_{178}^2\ \Phi_{89}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
151049	1890	2225	$\frac{1}{89}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{44}{89}$	$\Phi_{2225}\ \Phi_{89}\ \Phi_{25}^2\ \Phi_1^2$
151050	1890	1032	$\frac{1}{86}$	$\frac{29}{344}$	$\frac{1}{3}$	$\frac{85}{172}$	$\Phi_{1032}^3\ \Phi_{516}^2\ \Phi_{258}^3\ \Phi_{129}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
151051	1890	2274	$\frac{5}{379}$	$\frac{1}{6}$	$\frac{64}{379}$	$\frac{187}{379}$	$\Phi_{2274}\ \Phi_{1137}\ \Phi_{758}$
151052	1890	1889	$\frac{25}{1889}$	$\frac{314}{1889}$	$\frac{319}{1889}$	$\frac{932}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151053	1890	2524	$\frac{9}{631}$	$\frac{64}{631}$	$\frac{1}{4}$	$\frac{311}{631}$	$\Phi_{2524}\ \Phi_{1262}$
151054	1890	3588	$\frac{1}{69}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{34}{69}$	$\Phi_{3588}\ \Phi_{1196}\ \Phi_{276}\ \Phi_{156}\ \Phi_{92}\ \Phi_{69}\ \Phi_{52}^2\ \Phi_{23}\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
151055	1890	897	$\frac{1}{69}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{34}{69}$	$\Phi_{897}^2\ \Phi_{299}^2\ \Phi_{69}^3\ \Phi_{39}^2\ \Phi_{23}^3\ \Phi_{13}^4\ \Phi_3^3\ \Phi_1^6$
151056	1890	1380	$\frac{1}{69}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{34}{69}$	$\Phi_{1380}^2\ \Phi_{690}\ \Phi_{460}^2\ \Phi_{345}\ \Phi_{276}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}\ \Phi_{69}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{23}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
151057	1890	1889	$\frac{29}{1889}$	$\frac{137}{1889}$	$\frac{584}{1889}$	$\frac{930}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151058	1890	3596	$\frac{1}{62}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{61}{124}$	$\Phi_{3596}\ \Phi_{124}^2\ \Phi_{116}\ \Phi_{29}\ \Phi_4^2\ \Phi_1^2$
151059	1890	1488	$\frac{1}{62}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{61}{124}$	$\Phi_{1488}^2\ \Phi_{744}^2\ \Phi_{372}\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
151060	1890	3596	$\frac{1}{62}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{61}{124}$	$\Phi_{3596}\ \Phi_{124}^2\ \Phi_{116}\ \Phi_{29}\ \Phi_4^2\ \Phi_1^2$
151061	1890	1364	$\frac{1}{62}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{61}{124}$	$\Phi_{1364}\ \Phi_{682}^2\ \Phi_{341}^2\ \Phi_{44}^2\ \Phi_{22}^3\ \Phi_{11}^2$
151062	1890	3596	$\frac{1}{62}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{61}{124}$	$\Phi_{3596}\ \Phi_{124}^2\ \Phi_{116}\ \Phi_{29}\ \Phi_4^2\ \Phi_1^2$
151063	1890	2604	$\frac{1}{62}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{61}{124}$	$\Phi_{2604}^2\ \Phi_{868}\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
151064	1890	2168	$\frac{5}{271}$	$\frac{1}{8}$	$\frac{46}{271}$	$\frac{133}{271}$	$\Phi_{2168}\ \Phi_{1084}\ \Phi_{542}$
151065	1890	3604	$\frac{1}{53}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{26}{53}$	$\Phi_{3604}\ \Phi_{212}\ \Phi_{68}^2\ \Phi_{53}\ \Phi_4^2\ \Phi_1^2$
151066	1890	2703	$\frac{1}{53}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{26}{53}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{53}\ \Phi_{51}^2\ \Phi_3^2\ \Phi_1^2$
151067	1890	901	$\frac{1}{53}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{26}{53}$	$\Phi_{901}^2\ \Phi_{53}^3\ \Phi_{17}^4\ \Phi_1^6$
151068	1890	1272	$\frac{1}{53}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{26}{53}$	$\Phi_{1272}^2\ \Phi_{636}^2\ \Phi_{424}\ \Phi_{318}\ \Phi_{212}\ \Phi_{159}\ \Phi_{53}\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
151069	1890	1889	$\frac{37}{1889}$	$\frac{107}{1889}$	$\frac{594}{1889}$	$\frac{926}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151070	1890	1889	$\frac{37}{1889}$	$\frac{224}{1889}$	$\frac{321}{1889}$	$\frac{926}{1889}$	$\Phi_{1889}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
151071	1890	2524	$\frac{13}{631}$	$\frac{46}{631}$	$\frac{1}{4}$	$\frac{309}{631}$	$\Phi_{2524}\ \Phi_{1262}$
151072	1890	4070	$\frac{4}{185}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{181}{370}$	$\Phi_{4070}\ \Phi_{814}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
151073	1890	3608	$\frac{1}{44}$	$\frac{1}{41}$	$\frac{20}{41}$	$\frac{43}{88}$	$\Phi_{3608}\ \Phi_{328}\ \Phi_{88}^2\ \Phi_{41}\ \Phi_{8}^2\ \Phi_{1}^2$
151074	1890	264	$\frac{1}{44}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{264}^{21}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}^{21}\ \Phi_{6}$
151075	1890	3608	$\frac{1}{44}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{43}{88}$	$\Phi_{3608}\ \Phi_{328}\ \Phi_{88}^2\ \Phi_{41}\ \Phi_{8}^2\ \Phi_{1}^2$
151076	1890	1320	$\frac{1}{44}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{43}{88}$	$\Phi_{1320}^3\ \Phi_{440}^3\ \Phi_{264}^3\ \Phi_{120}^3\ \Phi_{60}\ \Phi_{40}^3\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
151077	1890	3608	$\frac{1}{44}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{43}{88}$	$\Phi_{3608}\ \Phi_{328}\ \Phi_{88}^2\ \Phi_{41}\ \Phi_{8}^2\ \Phi_{1}^2$
151078	1890	616	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{43}{88}$	$\Phi_{616}^3\ \Phi_{308}^4\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{56}^4\ \Phi_{28}^5\ \Phi_{14}^5\ \Phi_{7}^4$
151079	1890	2110	$\frac{5}{211}$	$\frac{1}{10}$	$\frac{36}{211}$	$\frac{103}{211}$	$\Phi_{2110}\ \Phi_{1055}\ \Phi_{422}$
151080	1890	902	$\frac{1}{41}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{20}{41}$	$\Phi_{902}^2\ \Phi_{451}^2\ \Phi_{82}^2\ \Phi_{41}^3\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_{2}^4\ \Phi_{1}^6$
151081	1890	656	$\frac{1}{41}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{20}{41}$	$\Phi_{656}^3\ \Phi_{328}^3\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{41}^3\ \Phi_{16}^6\ \Phi_{8}^6\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
151082	1890	451	$\frac{1}{41}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{20}{41}$	$\Phi_{451}^4\ \Phi_{41}^5\ \Phi_{11}^8\ \Phi_{1}^{10}$
151083	1890	1230	$\frac{1}{41}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{20}{41}$	$\Phi_{1230}^2\ \Phi_{615}^2\ \Phi_{410}\ \Phi_{246}\ \Phi_{205}\ \Phi_{123}\ \Phi_{41}\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^2$
151084	1890	1889	$\frac{49}{1889}$	$\frac{174}{1889}$	$\frac{323}{1889}$	$\frac{920}{1889}$	$\Phi_{1889}\ \Phi_{1}^2$
151085	1890	836	$\frac{1}{38}$	$\frac{1}{11}$	$\frac{13}{76}$	$\frac{37}{76}$	$\Phi_{836}^2\ \Phi_{418}^3\ \Phi_{209}^3\ \Phi_{44}^2\ \Phi_{22}^3\ \Phi_{11}^2$
151086	1890	2524	$\frac{17}{631}$	$\frac{36}{631}$	$\frac{1}{4}$	$\frac{307}{631}$	$\Phi_{2524}\ \Phi_{1262}$
151087	1890	1428	$\frac{1}{34}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{1428}^2\ \Phi_{714}^2\ \Phi_{357}^2\ \Phi_{204}\ \Phi_{102}^2\ \Phi_{84}^3\ \Phi_{51}^2\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{12}^2\ \Phi_{6}^3\ \Phi_{3}^2$
151088	1890	3604	$\frac{1}{34}$	$\frac{2}{53}$	$\frac{17}{53}$	$\frac{33}{68}$	$\Phi_{3604}\ \Phi_{212}\ \Phi_{68}^2\ \Phi_{53}\ \Phi_{4}^2\ \Phi_{1}^2$
151089	1890	1292	$\frac{1}{34}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{1292}\ \Phi_{646}^2\ \Phi_{323}^2\ \Phi_{76}^2\ \Phi_{38}^3\ \Phi_{19}^2$
151090	1890	3604	$\frac{1}{34}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{33}{68}$	$\Phi_{3604}\ \Phi_{212}\ \Phi_{68}^2\ \Phi_{53}\ \Phi_{4}^2\ \Phi_{1}^2$
151091	1890	2380	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{33}{68}$	$\Phi_{2380}^2\ \Phi_{476}\ \Phi_{140}^2\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
151092	1890	1889	$\frac{57}{1889}$	$\frac{139}{1889}$	$\frac{350}{1889}$	$\frac{916}{1889}$	$\Phi_{1889}\ \Phi_{1}^2$
151093	1890	1889	$\frac{61}{1889}$	$\frac{65}{1889}$	$\frac{608}{1889}$	$\frac{914}{1889}$	$\Phi_{1889}\ \Phi_{1}^2$
151094	1890	1889	$\frac{61}{1889}$	$\frac{195}{1889}$	$\frac{242}{1889}$	$\frac{914}{1889}$	$\Phi_{1889}\ \Phi_{1}^2$
151095	1890	2168	$\frac{9}{271}$	$\frac{28}{271}$	$\frac{1}{8}$	$\frac{131}{271}$	$\Phi_{2168}\ \Phi_{1084}\ \Phi_{542}$
151096	1890	2274	$\frac{13}{379}$	$\frac{28}{379}$	$\frac{1}{6}$	$\frac{183}{379}$	$\Phi_{2274}\ \Phi_{1137}\ \Phi_{758}$
151097	1890	899	$\frac{1}{31}$	$\frac{1}{29}$	$\frac{10}{31}$	$\frac{14}{29}$	$\Phi_{899}^2\ \Phi_{31}^4\ \Phi_{29}^3\ \Phi_{1}^6$
151098	1890	1276	$\frac{1}{29}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{1276}^2\ \Phi_{638}\ \Phi_{319}\ \Phi_{116}\ \Phi_{44}^4\ \Phi_{29}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{4}^2\ \Phi_{1}^2$
151099	1890	899	$\frac{1}{29}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{14}{29}$	$\Phi_{899}^2\ \Phi_{31}^4\ \Phi_{29}^3\ \Phi_{1}^6$
151100	1890	1160	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{14}{29}$	$\Phi_{1160}^2\ \Phi_{580}^2\ \Phi_{290}\ \Phi_{232}\ \Phi_{145}\ \Phi_{116}\ \Phi_{40}^4\ \Phi_{29}\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
151101	1890	468	$\frac{1}{36}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^3\ \Phi_{117}^4\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{39}^4\ \Phi_{36}^6\ \Phi_{26}^4\ \Phi_{18}^6\ \Phi_{13}^4\ \Phi_{12}^5\ \Phi_{9}^6\ \Phi_{6}^6\ \Phi_{4}^6\ \Phi_{3}^5\ \Phi_{2}^6\ \Phi_{1}^6$
151102	1890	1196	$\frac{1}{26}$	$\frac{1}{23}$	$\frac{11}{46}$	$\frac{25}{52}$	$\Phi_{1196}^3\ \Phi_{92}^3\ \Phi_{52}^4\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{4}^4\ \Phi_{2}^2\ \Phi_{1}^2$
151103	1890	3588	$\frac{1}{26}$	$\frac{4}{69}$	$\frac{13}{69}$	$\frac{25}{52}$	$\Phi_{3588}\ \Phi_{1196}\ \Phi_{276}\ \Phi_{156}\ \Phi_{92}\ \Phi_{69}\ \Phi_{52}^2\ \Phi_{23}\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
151104	1890	780	$\frac{1}{26}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{25}{52}$	$\Phi_{780}^5\ \Phi_{260}^5\ \Phi_{156}^3\ \Phi_{60}^5\ \Phi_{52}^4\ \Phi_{30}^3\ \Phi_{20}^5\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
151105	1890	1196	$\frac{1}{26}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{25}{52}$	$\Phi_{1196}^3\ \Phi_{92}^3\ \Phi_{52}^4\ \Phi_{23}^3\ \Phi_{4}^4\ \Phi_{1}^4$
151106	1890	1144	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{25}{52}$	$\Phi_{1144}^2\ \Phi_{572}\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{88}^3\ \Phi_{44}^2\ \Phi_{22}^3\ \Phi_{11}^2$
151107	1890	1889	$\frac{73}{1889}$	$\frac{109}{1889}$	$\frac{356}{1889}$	$\frac{908}{1889}$	$\Phi_{1889}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
151108	1890	2032	$\frac{5}{127}$	$\frac{1}{16}$	$\frac{22}{127}$	$\frac{61}{127}$	$\Phi_{2032}\ \Phi_{1016}\ \Phi_{508}\ \Phi_{254}$
151109	1890	2110	$\frac{9}{211}$	$\frac{1}{10}$	$\frac{22}{211}$	$\frac{101}{211}$	$\Phi_{2110}\ \Phi_{1055}\ \Phi_{422}$
151110	1890	1889	$\frac{81}{1889}$	$\frac{188}{1889}$	$\frac{197}{1889}$	$\frac{904}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151111	1890	2274	$\frac{17}{379}$	$\frac{22}{379}$	$\frac{1}{6}$	$\frac{181}{379}$	$\Phi_{2274}\ \Phi_{1137}\ \Phi_{758}$
151112	1890	1889	$\frac{47}{1889}$	$\frac{85}{1889}$	$\frac{614}{1889}$	$\frac{902}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151113	1890	1889	$\frac{85}{1889}$	$\frac{104}{1889}$	$\frac{329}{1889}$	$\frac{902}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151114	1890	2904	$\frac{23}{968}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{2904}\ \Phi_{1452}\ \Phi_{726}\ \Phi_{363}\ \Phi_{264}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{6}$
151115	1890	2524	$\frac{22}{631}$	$\frac{29}{631}$	$\frac{1}{4}$	$\frac{301}{631}$	$\Phi_{2524}\ \Phi_{1262}$
151116	1890	258	$\frac{1}{43}$	$\frac{2}{43}$	$\frac{1}{3}$	$\frac{41}{86}$	$\Phi_{258}^{21}\ \Phi_{129}\ \Phi_{6}^{21}$
151117	1890	2760	$\frac{1}{46}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{2760}^{2}\ \Phi_{552}^{2}\ \Phi_{138}\ \Phi_{120}\ \Phi_{69}\ \Phi_{24}\ \Phi_{6}$
151118	1890	3560	$\frac{2}{89}$	$\frac{1}{20}$	$\frac{29}{89}$	$\frac{19}{40}$	$\Phi_{3560}\ \Phi_{712}\ \Phi_{89}\ \Phi_{40}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
151119	1890	1240	$\frac{1}{31}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{1240}^{3}\ \Phi_{248}^{3}\ \Phi_{124}\ \Phi_{62}$
151120	1890	3560	$\frac{4}{89}$	$\frac{1}{20}$	$\frac{17}{89}$	$\frac{19}{40}$	$\Phi_{3560}\ \Phi_{712}\ \Phi_{89}\ \Phi_{40}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
151121	1890	2280	$\frac{1}{20}$	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{2280}^{2}\ \Phi_{760}\ \Phi_{456}^{2}\ \Phi_{152}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
151122	1890	3560	$\frac{1}{20}$	$\frac{5}{89}$	$\frac{14}{89}$	$\frac{19}{40}$	$\Phi_{3560}\ \Phi_{712}\ \Phi_{89}\ \Phi_{40}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
151123	1890	560	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{19}{40}$	$\Phi_{560}^{4}\ \Phi_{280}^{3}\ \Phi_{140}^{4}\ \Phi_{112}^{5}\ \Phi_{70}^{4}\ \Phi_{56}^{4}\ \Phi_{35}^{4}\ \Phi_{28}^{5}\ \Phi_{14}^{5}\ \Phi_{7}^{4}$
151124	1890	3560	$\frac{1}{20}$	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{19}{40}$	$\Phi_{3560}\ \Phi_{712}\ \Phi_{89}\ \Phi_{40}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
151125	1890	440	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{19}{40}$	$\Phi_{440}^{9}\ \Phi_{110}\ \Phi_{88}^{9}\ \Phi_{55}\ \Phi_{22}$
151126	1890	3840	$\frac{7}{128}$	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{121}{256}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
151127	1890	2002	$\frac{1}{22}$	$\frac{5}{91}$	$\frac{16}{91}$	$\frac{43}{91}$	$\Phi_{2002}\ \Phi_{1001}\ \Phi_{286}\ \Phi_{182}\ \Phi_{154}\ \Phi_{143}\ \Phi_{77}\ \Phi_{26}\ \Phi_{14}$
151128	1890	1889	$\frac{109}{1889}$	$\frac{111}{1889}$	$\frac{254}{1889}$	$\frac{890}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151129	1890	884	$\frac{1}{52}$	$\frac{1}{17}$	$\frac{17}{52}$	$\frac{8}{17}$	$\Phi_{884}^{2}\ \Phi_{442}^{2}\ \Phi_{221}^{2}\ \Phi_{68}^{2}\ \Phi_{52}^{4}\ \Phi_{34}^{2}\ \Phi_{26}^{4}\ \Phi_{17}^{3}\ \Phi_{13}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
151130	1890	612	$\frac{1}{36}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{612}^{3}\ \Phi_{306}^{3}\ \Phi_{204}^{3}\ \Phi_{153}^{3}\ \Phi_{102}^{3}\ \Phi_{68}^{2}\ \Phi_{51}^{3}\ \Phi_{36}^{6}\ \Phi_{34}^{2}\ \Phi_{18}^{6}\ \Phi_{17}^{3}\ \Phi_{12}^{6}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
151131	1890	442	$\frac{1}{26}$	$\frac{1}{17}$	$\frac{5}{26}$	$\frac{8}{17}$	$\Phi_{442}^{4}\ \Phi_{221}^{4}\ \Phi_{34}^{4}\ \Phi_{26}^{8}\ \Phi_{17}^{5}\ \Phi_{13}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
151132	1890	1122	$\frac{1}{22}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{1122}^{2}\ \Phi_{561}^{2}\ \Phi_{374}\ \Phi_{187}\ \Phi_{102}\ \Phi_{66}^{4}\ \Phi_{51}\ \Phi_{33}^{4}\ \Phi_{22}^{2}\ \Phi_{17}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
151133	1890	884	$\frac{3}{52}$	$\frac{1}{17}$	$\frac{7}{52}$	$\frac{8}{17}$	$\Phi_{884}^{2}\ \Phi_{442}^{2}\ \Phi_{221}^{2}\ \Phi_{68}^{2}\ \Phi_{52}^{4}\ \Phi_{34}^{2}\ \Phi_{26}^{4}\ \Phi_{17}^{3}\ \Phi_{13}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
151134	1890	272	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{8}{17}$	$\Phi_{272}^{7}\ \Phi_{136}^{6}\ \Phi_{68}^{6}\ \Phi_{34}^{6}\ \Phi_{17}^{7}\ \Phi_{16}^{14}\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
151135	1890	663	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{8}{17}$	$\Phi_{663}^{3}\ \Phi_{221}^{2}\ \Phi_{51}^{3}\ \Phi_{39}^{6}\ \Phi_{17}^{3}\ \Phi_{13}^{4}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
151136	1890	1889	$\frac{113}{1889}$	$\frac{143}{1889}$	$\frac{194}{1889}$	$\frac{888}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151137	1890	330	$\frac{1}{55}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{330}^{11}\ \Phi_{165}\ \Phi_{110}^{11}\ \Phi_{66}^{10}\ \Phi_{33}\ \Phi_{30}^{11}\ \Phi_{22}^{10}\ \Phi_{15}\ \Phi_{10}^{11}\ \Phi_{6}^{10}\ \Phi_{2}^{10}$
151138	1890	2110	$\frac{13}{211}$	$\frac{16}{211}$	$\frac{1}{10}$	$\frac{99}{211}$	$\Phi_{2110}\ \Phi_{1055}\ \Phi_{422}$
151139	1890	2168	$\frac{16}{271}$	$\frac{17}{271}$	$\frac{1}{8}$	$\frac{127}{271}$	$\Phi_{2168}\ \Phi_{1084}\ \Phi_{542}$
151140	1890	1889	$\frac{74}{1889}$	$\frac{121}{1889}$	$\frac{335}{1889}$	$\frac{884}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151141	1890	2524	$\frac{16}{631}$	$\frac{41}{631}$	$\frac{1}{4}$	$\frac{295}{631}$	$\Phi_{2524}\ \Phi_{1262}$
151142	1890	1344	$\frac{1}{64}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{1344}^{2}\ \Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{192}^{3}\ \Phi_{168}^{2}\ \Phi_{96}^{3}\ \Phi_{84}\ \Phi_{48}^{3}\ \Phi_{42}^{2}\ \Phi_{24}^{3}\ \Phi_{21}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
151143	1890	3500	$\frac{2}{125}$	$\frac{1}{14}$	$\frac{41}{125}$	$\frac{13}{28}$	$\Phi_{3500}\ \Phi_{700}\ \Phi_{500}\ \Phi_{140}\ \Phi_{125}\ \Phi_{100}\ \Phi_{28}^{2}\ \Phi_{25}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
151144	1890	1204	$\frac{1}{43}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{1204}\ \Phi_{602}^{2}\ \Phi_{301}^{2}\ \Phi_{172}^{2}\ \Phi_{86}^{3}\ \Phi_{43}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
151145	1890	1820	$\frac{2}{65}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{1820}^2\ \Phi_{364}^2\ \Phi_{260}^2\ \Phi_{140}\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{13}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
151146	1890	700	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{4}{25}$	$\frac{13}{28}$	$\Phi_{700}^5\ \Phi_{140}^5\ \Phi_{100}^5\ \Phi_{28}^6\ \Phi_{25}^5\ \Phi_{20}^5\ \Phi_5^5\ \Phi_4^6\ \Phi_1^6$
151147	1890	308	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{308}^{12}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}^{12}\ \Phi_{28}^6\ \Phi_{14}\ \Phi_4^6$
151148	1890	3500	$\frac{6}{125}$	$\frac{1}{14}$	$\frac{17}{125}$	$\frac{13}{28}$	$\Phi_{3500}\ \Phi_{700}\ \Phi_{500}\ \Phi_{140}\ \Phi_{125}\ \Phi_{100}\ \Phi_{28}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
151149	1890	1064	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{28}$	$\Phi_{1064}^2\ \Phi_{532}\ \Phi_{266}^2\ \Phi_{152}^3\ \Phi_{133}^2\ \Phi_{76}^2\ \Phi_{38}^3\ \Phi_{19}^2$
151150	1890	3500	$\frac{8}{125}$	$\frac{1}{14}$	$\frac{13}{125}$	$\frac{13}{28}$	$\Phi_{3500}\ \Phi_{700}\ \Phi_{500}\ \Phi_{140}\ \Phi_{125}\ \Phi_{100}\ \Phi_{28}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
151151	1890	420	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{28}$	$\Phi_{420}^9\ \Phi_{140}^7\ \Phi_{84}^9\ \Phi_{60}^9\ \Phi_{30}^5\ \Phi_{28}^8\ \Phi_{20}^7\ \Phi_{15}^4\ \Phi_{12}^9\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^3\ \Phi_4^8\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
151152	1890	1889	$\frac{29}{1889}$	$\frac{141}{1889}$	$\frac{620}{1889}$	$\frac{874}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151153	1890	871	$\frac{1}{67}$	$\frac{1}{13}$	$\frac{22}{67}$	$\frac{6}{13}$	$\Phi_{871}^2\ \Phi_{67}^4\ \Phi_{13}^3\ \Phi_1^6$
151154	1890	1196	$\frac{1}{46}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{1196}^2\ \Phi_{598}\ \Phi_{299}\ \Phi_{92}^4\ \Phi_{52}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{13}\ \Phi_4^2\ \Phi_1^2$
151155	1890	871	$\frac{2}{67}$	$\frac{1}{13}$	$\frac{13}{67}$	$\frac{6}{13}$	$\Phi_{871}^2\ \Phi_{67}^4\ \Phi_{13}^3\ \Phi_1^6$
151156	1890	1092	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}\ \Phi_{273}^2\ \Phi_{182}\ \Phi_{156}^2\ \Phi_{91}\ \Phi_{84}^4\ \Phi_{78}\ \Phi_{52}\ \Phi_{42}^4\ \Phi_{39}\ \Phi_{28}^2\ \Phi_{21}^4\ \Phi_{14}^2\ \Phi_{13}\ \Phi_{12}^4\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
151157	1890	572	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{6}{13}$	$\Phi_{572}^4\ \Phi_{286}^3\ \Phi_{143}^3\ \Phi_{52}^2\ \Phi_{44}^4\ \Phi_{26}\ \Phi_{22}^2\ \Phi_{13}^2\ \Phi_{11}^2\ \Phi_4^2\ \Phi_1^2$
151158	1890	871	$\frac{4}{67}$	$\frac{1}{13}$	$\frac{7}{67}$	$\frac{6}{13}$	$\Phi_{871}^2\ \Phi_{67}^4\ \Phi_{13}^3\ \Phi_1^6$
151159	1890	1040	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{6}{13}$	$\Phi_{1040}^2\ \Phi_{520}^2\ \Phi_{260}^2\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{80}^4\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
151160	1890	900	$\frac{1}{36}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^2\ \Phi_{180}^3\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^3\ \Phi_{75}^2\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
151161	1890	2640	$\frac{1}{55}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{240}\ \Phi_{220}\ \Phi_{176}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{80}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
151162	1890	1889	$\frac{49}{1889}$	$\frac{169}{1889}$	$\frac{368}{1889}$	$\frac{860}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151163	1890	396	$\frac{1}{36}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{396}^5\ \Phi_{198}^5\ \Phi_{132}^5\ \Phi_{99}^5\ \Phi_{66}^5\ \Phi_{44}^5\ \Phi_{36}^4\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4$
151164	1890	3520	$\frac{1}{55}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{220}\ \Phi_{110}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
151165	1890	1889	$\frac{23}{1889}$	$\frac{181}{1889}$	$\frac{622}{1889}$	$\frac{854}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151166	1890	1889	$\frac{69}{1889}$	$\frac{181}{1889}$	$\frac{260}{1889}$	$\frac{854}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151167	1890	1032	$\frac{1}{86}$	$\frac{17}{172}$	$\frac{1}{3}$	$\frac{155}{344}$	$\Phi_{1032}^5\ \Phi_{258}\ \Phi_{129}\ \Phi_{24}^5\ \Phi_6$
151168	1890	2002	$\frac{1}{22}$	$\frac{9}{91}$	$\frac{10}{91}$	$\frac{41}{91}$	$\Phi_{2002}\ \Phi_{1001}\ \Phi_{286}\ \Phi_{182}\ \Phi_{154}\ \Phi_{143}\ \Phi_{77}\ \Phi_{26}\ \Phi_{14}$
151169	1890	2200	$\frac{11}{200}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{440}\ \Phi_{275}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{22}$
151170	1890	2032	$\frac{1}{16}$	$\frac{10}{127}$	$\frac{13}{127}$	$\frac{57}{127}$	$\Phi_{2032}\ \Phi_{1016}\ \Phi_{508}\ \Phi_{254}$
151171	1890	1889	$\frac{116}{1889}$	$\frac{149}{1889}$	$\frac{197}{1889}$	$\frac{846}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151172	1890	418	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{2}{19}$	$\frac{17}{38}$	$\Phi_{418}^9\ \Phi_{209}\ \Phi_{22}^9$
151173	1890	1889	$\frac{80}{1889}$	$\frac{201}{1889}$	$\frac{209}{1889}$	$\frac{844}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151174	1890	2168	$\frac{10}{271}$	$\frac{29}{271}$	$\frac{1}{8}$	$\frac{121}{271}$	$\Phi_{2168}\ \Phi_{1084}\ \Phi_{542}$
151175	1890	2274	$\frac{10}{379}$	$\frac{41}{379}$	$\frac{1}{6}$	$\frac{169}{379}$	$\Phi_{2274}\ \Phi_{1137}\ \Phi_{758}$
151176	1890	1889	$\frac{44}{1889}$	$\frac{205}{1889}$	$\frac{349}{1889}$	$\frac{842}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151177	1890	2524	$\frac{10}{631}$	$\frac{69}{631}$	$\frac{1}{4}$	$\frac{281}{631}$	$\Phi_{2524}\ \Phi_{1262}$
151178	1890	846	$\frac{1}{94}$	$\frac{1}{9}$	$\frac{31}{94}$	$\frac{4}{9}$	$\Phi_{846}^2\ \Phi_{423}^2\ \Phi_{282}^2\ \Phi_{141}^2\ \Phi_{94}^4\ \Phi_{47}^4\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
151179	1890	576	$\frac{1}{64}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{576}^3\ \Phi_{288}^3\ \Phi_{192}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{64}^6\ \Phi_{48}^3\ \Phi_{36}^2\ \Phi_{32}^6\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{16}^6\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
151180	1890	2115	$\frac{1}{47}$	$\frac{1}{9}$	$\frac{46}{235}$	$\frac{4}{9}$	$\Phi_{2115}\ \Phi_{705}\ \Phi_{235}^2\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
151181	1890	846	$\frac{3}{94}$	$\frac{1}{9}$	$\frac{13}{94}$	$\frac{4}{9}$	$\Phi_{846}^2\ \Phi_{423}^2\ \Phi_{282}^2\ \Phi_{141}^2\ \Phi_{94}^4\ \Phi_{47}^4\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
151182	1890	504	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{504}^4\ \Phi_{252}^3\ \Phi_{168}^4\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^8\ \Phi_{42}^3\ \Phi_{36}^2\ \Phi_{28}^6\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{18}^2\ \Phi_{14}^6\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8^6\ \Phi_7^6\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
151183	1890	423	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{423}^4\ \Phi_{141}^4\ \Phi_{47}^8\ \Phi_9^5\ \Phi_3^5\ \Phi_1^{10}$
151184	1890	990	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}\ \Phi_{165}^2\ \Phi_{110}^4\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{55}^4\ \Phi_{45}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
151185	1890	1889	$\frac{39}{1889}$	$\frac{217}{1889}$	$\frac{370}{1889}$	$\frac{836}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151186	1890	1978	$\frac{1}{46}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{1978}\ \Phi_{989}\ \Phi_{86}$
151187	1890	2544	$\frac{1}{106}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2544}^2\ \Phi_{318}\ \Phi_{159}\ \Phi_{48}\ \Phi_6$
151188	1890	3344	$\frac{2}{209}$	$\frac{1}{8}$	$\frac{69}{209}$	$\frac{7}{16}$	$\Phi_{3344}\ \Phi_{304}\ \Phi_{209}\ \Phi_{176}\ \Phi_{19}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_1^2$
151189	1890	1136	$\frac{1}{71}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{1136}^3\ \Phi_{284}\ \Phi_{142}$
151190	1890	3344	$\frac{4}{209}$	$\frac{1}{8}$	$\frac{41}{209}$	$\frac{7}{16}$	$\Phi_{3344}\ \Phi_{304}\ \Phi_{209}\ \Phi_{176}\ \Phi_{19}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_1^2$
151191	1890	2064	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{2064}^2\ \Phi_{688}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}$
151192	1890	3344	$\frac{5}{209}$	$\frac{1}{8}$	$\frac{34}{209}$	$\frac{7}{16}$	$\Phi_{3344}\ \Phi_{304}\ \Phi_{209}\ \Phi_{176}\ \Phi_{19}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_1^2$
151193	1890	1008	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{1008}^4\ \Phi_{336}^4\ \Phi_{252}\ \Phi_{126}\ \Phi_{112}^3\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
151194	1890	3344	$\frac{6}{209}$	$\frac{1}{8}$	$\frac{29}{209}$	$\frac{7}{16}$	$\Phi_{3344}\ \Phi_{304}\ \Phi_{209}\ \Phi_{176}\ \Phi_{19}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_1^2$
151195	1890	496	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{496}^7\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}$
151196	1890	3344	$\frac{9}{209}$	$\frac{20}{209}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3344}\ \Phi_{304}\ \Phi_{209}\ \Phi_{176}\ \Phi_{19}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_1^2$
151197	1890	176	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{176}^{19}\ \Phi_{22}^{10}\ \Phi_{16}^{20}\ \Phi_{11}^9\ \Phi_2^{10}\ \Phi_1^{10}$
151198	1890	304	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{304}^{11}\ \Phi_{38}^6\ \Phi_{19}^5\ \Phi_{16}^{12}\ \Phi_2^6\ \Phi_1^6$
151199	1890	3344	$\frac{13}{209}$	$\frac{14}{209}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3344}\ \Phi_{304}\ \Phi_{209}\ \Phi_{176}\ \Phi_{19}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_1^2$
151200	1890	240	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{240}^8\ \Phi_{120}^9\ \Phi_{80}^8\ \Phi_{60}^9\ \Phi_{48}^8\ \Phi_{40}^9\ \Phi_{30}^9\ \Phi_{24}^9\ \Phi_{20}^9\ \Phi_{15}^8\ \Phi_{12}^9\ \Phi_{10}^9\ \Phi_6^9\ \Phi_5^8\ \Phi_3^8$
151201	1890	1988	$\frac{1}{28}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{31}{71}$	$\Phi_{1988}\ \Phi_{994}\ \Phi_{497}\ \Phi_{284}\ \Phi_{142}$
151202	1890	1889	$\frac{71}{1889}$	$\frac{202}{1889}$	$\frac{241}{1889}$	$\frac{824}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151203	1890	2032	$\frac{1}{16}$	$\frac{8}{127}$	$\frac{17}{127}$	$\frac{55}{127}$	$\Phi_{2032}\ \Phi_{1016}\ \Phi_{508}\ \Phi_{254}$
151204	1890	1889	$\frac{17}{1889}$	$\frac{253}{1889}$	$\frac{624}{1889}$	$\frac{818}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151205	1890	1889	$\frac{118}{1889}$	$\frac{119}{1889}$	$\frac{253}{1889}$	$\frac{818}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151206	1890	3570	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{16}{119}$	$\frac{103}{238}$	$\Phi_{3570}\ \Phi_{1190}\ \Phi_{714}\ \Phi_{510}\ \Phi_{255}\ \Phi_{210}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{70}\ \Phi_{51}\ \Phi_{42}\ \Phi_{30}\ \Phi_{10}\ \Phi_6$
151207	1890	2110	$\frac{8}{211}$	$\frac{1}{10}$	$\frac{29}{211}$	$\frac{91}{211}$	$\Phi_{2110}\ \Phi_{1055}\ \Phi_{422}$
151208	1890	1889	$\frac{62}{1889}$	$\frac{215}{1889}$	$\frac{261}{1889}$	$\frac{814}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151209	1890	2274	$\frac{8}{379}$	$\frac{53}{379}$	$\frac{1}{6}$	$\frac{163}{379}$	$\Phi_{2274}\ \Phi_{1137}\ \Phi_{758}$
151210	1890	1889	$\frac{34}{1889}$	$\frac{265}{1889}$	$\frac{359}{1889}$	$\frac{812}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151211	1890	2524	$\frac{8}{631}$	$\frac{89}{631}$	$\frac{1}{4}$	$\frac{271}{631}$	$\Phi_{2524}\ \Phi_{1262}$
151212	1890	1078	$\frac{1}{22}$	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1078}^2\ \Phi_{539}^2\ \Phi_{154}\ \Phi_{98}^2\ \Phi_{77}\ \Phi_{14}$
151213	1890	286	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{26}$	$\Phi_{286}^7\ \Phi_{143}^7\ \Phi_{26}\ \Phi_{22}^6\ \Phi_{13}^6\ \Phi_{11}^6\ \Phi_1^6$
151214	1890	1984	$\frac{1}{64}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}$
151215	1890	408	$\frac{1}{136}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{408}^5\ \Phi_{204}^5\ \Phi_{136}^4\ \Phi_{102}^5\ \Phi_{68}^4\ \Phi_{51}^5\ \Phi_{34}^4\ \Phi_{24}^5\ \Phi_{17}^4\ \Phi_{12}^3\ \Phi_8^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
151216	1890	3228	$\frac{2}{269}$	$\frac{1}{6}$	$\frac{89}{269}$	$\frac{5}{12}$	$\Phi_{3228}\ \Phi_{1076}\ \Phi_{269}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
151217	1890	1092	$\frac{1}{91}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{1092}\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{273}^2\ \Phi_{182}^3\ \Phi_{156}\ \Phi_{91}^2\ \Phi_{84}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{42}^2\ \Phi_{39}^2\ \Phi_{28}^2\ \Phi_{26}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{13}^2\ \Phi_{7}^2$
151218	1890	3228	$\frac{4}{269}$	$\frac{1}{6}$	$\frac{53}{269}$	$\frac{5}{12}$	$\Phi_{3228}\ \Phi_{1076}\ \Phi_{269}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
151219	1890	660	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{660}^5\ \Phi_{330}\ \Phi_{220}^5\ \Phi_{165}\ \Phi_{132}^5\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}^5\ \Phi_{44}^5\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{10}$
151220	1890	3228	$\frac{5}{269}$	$\frac{44}{269}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3228}\ \Phi_{1076}\ \Phi_{269}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
151221	1890	1932	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1932}^2\ \Phi_{644}^2\ \Phi_{322}\ \Phi_{161}\ \Phi_{84}\ \Phi_{28}\ \Phi_{14}$
151222	1890	3228	$\frac{8}{269}$	$\frac{29}{269}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3228}\ \Phi_{1076}\ \Phi_{269}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
151223	1890	1860	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1860}^2\ \Phi_{620}^2\ \Phi_{372}\ \Phi_{310}\ \Phi_{155}\ \Phi_{124}\ \Phi_{62}$
151224	1890	3228	$\frac{9}{269}$	$\frac{26}{269}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3228}\ \Phi_{1076}\ \Phi_{269}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
151225	1890	924	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^3\ \Phi_{231}^2\ \Phi_{154}^3\ \Phi_{132}\ \Phi_{77}^3\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{11}^2$
151226	1890	3228	$\frac{14}{269}$	$\frac{17}{269}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3228}\ \Phi_{1076}\ \Phi_{269}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
151227	1890	912	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^3\ \Phi_{228}\ \Phi_{152}^3\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{19}^2$
151228	1890	1889	$\frac{41}{1889}$	$\frac{264}{1889}$	$\frac{325}{1889}$	$\frac{782}{1889}$	$\Phi_{1889}\ \Phi_{1}^2$
151229	1890	1889	$\frac{53}{1889}$	$\frac{204}{1889}$	$\frac{337}{1889}$	$\frac{776}{1889}$	$\Phi_{1889}\ \Phi_{1}^2$
151230	1890	1988	$\frac{1}{28}$	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{29}{71}$	$\Phi_{1988}\ \Phi_{994}\ \Phi_{497}\ \Phi_{284}\ \Phi_{142}$
151231	1890	2002	$\frac{1}{22}$	$\frac{6}{91}$	$\frac{17}{91}$	$\frac{37}{91}$	$\Phi_{2002}\ \Phi_{1001}\ \Phi_{286}\ \Phi_{182}\ \Phi_{154}\ \Phi_{143}\ \Phi_{77}\ \Phi_{26}\ \Phi_{14}$
151232	1890	1889	$\frac{84}{1889}$	$\frac{125}{1889}$	$\frac{361}{1889}$	$\frac{764}{1889}$	$\Phi_{1889}\ \Phi_{1}^2$
151233	1890	1889	$\frac{64}{1889}$	$\frac{161}{1889}$	$\frac{365}{1889}$	$\frac{762}{1889}$	$\Phi_{1889}\ \Phi_{1}^2$
151234	1890	2110	$\frac{6}{211}$	$\frac{1}{10}$	$\frac{41}{211}$	$\frac{85}{211}$	$\Phi_{2110}\ \Phi_{1055}\ \Phi_{422}$
151235	1890	2168	$\frac{6}{271}$	$\frac{1}{8}$	$\frac{53}{271}$	$\frac{109}{271}$	$\Phi_{2168}\ \Phi_{1084}\ \Phi_{542}$
151236	1890	1889	$\frac{24}{1889}$	$\frac{373}{1889}$	$\frac{377}{1889}$	$\frac{758}{1889}$	$\Phi_{1889}\ \Phi_{1}^2$
151237	1890	2524	$\frac{6}{631}$	$\frac{125}{631}$	$\frac{1}{4}$	$\frac{253}{631}$	$\Phi_{2524}\ \Phi_{1262}$
151238	1890	785	$\frac{1}{157}$	$\frac{1}{5}$	$\frac{52}{157}$	$\frac{2}{5}$	$\Phi_{785}^2\ \Phi_{157}^4\ \Phi_{5}^3\ \Phi_{1}^6$
151239	1890	680	$\frac{1}{136}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{680}^3\ \Phi_{340}^3\ \Phi_{170}^3\ \Phi_{136}^2\ \Phi_{85}^3\ \Phi_{68}^2\ \Phi_{40}^3\ \Phi_{34}^2\ \Phi_{20}^3\ \Phi_{17}^2\ \Phi_{10}\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
151240	1890	1060	$\frac{1}{106}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1060}^2\ \Phi_{530}\ \Phi_{265}\ \Phi_{212}^4\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
151241	1890	785	$\frac{2}{157}$	$\frac{31}{157}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{785}^2\ \Phi_{157}^4\ \Phi_{5}^3\ \Phi_{1}^6$
151242	1890	960	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}\ \Phi_{240}^2\ \Phi_{192}^4\ \Phi_{160}\ \Phi_{120}^2\ \Phi_{96}^4\ \Phi_{80}\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{48}^4\ \Phi_{40}\ \Phi_{32}^2\ \Phi_{30}\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
151243	1890	785	$\frac{3}{157}$	$\frac{22}{157}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{785}^2\ \Phi_{157}^4\ \Phi_{5}^3\ \Phi_{1}^6$
151244	1890	920	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{920}^2\ \Phi_{460}^2\ \Phi_{230}\ \Phi_{184}^4\ \Phi_{115}\ \Phi_{92}^4\ \Phi_{46}^2\ \Phi_{40}\ \Phi_{23}^2\ \Phi_{20}\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
151245	1890	785	$\frac{4}{157}$	$\frac{17}{157}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{785}^2\ \Phi_{157}^4\ \Phi_{5}^3\ \Phi_{1}^6$
151246	1890	180	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{60}^{11}\ \Phi_{45}^{11}\ \Phi_{36}^{10}\ \Phi_{30}^{11}\ \Phi_{20}^{11}\ \Phi_{18}^{10}\ \Phi_{15}^{11}\ \Phi_{12}^{10}\ \Phi_{10}^{5}\ \Phi_{9}^{10}\ \Phi_{6}^{10}\ \Phi_{5}^{6}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
151247	1890	785	$\frac{7}{157}$	$\frac{10}{157}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{785}^2\ \Phi_{157}^4\ \Phi_{5}^3\ \Phi_{1}^6$
151248	1890	880	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{176}^4\ \Phi_{110}\ \Phi_{88}^4\ \Phi_{80}\ \Phi_{55}\ \Phi_{44}^4\ \Phi_{40}\ \Phi_{22}^2\ \Phi_{20}\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
151249	1890	1889	$\frac{11}{1889}$	$\frac{421}{1889}$	$\frac{626}{1889}$	$\frac{734}{1889}$	$\Phi_{1889}\ \Phi_{1}^2$
151250	1890	396	$\frac{1}{36}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{396}^5\ \Phi_{198}^5\ \Phi_{132}^5\ \Phi_{99}^5\ \Phi_{66}^5\ \Phi_{44}^3\ \Phi_{36}^4\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{11}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
151251	1890	3344	$\frac{1}{38}$	$\frac{1}{11}$	$\frac{37}{152}$	$\frac{115}{304}$	$\Phi_{3344}\ \Phi_{418}\ \Phi_{209}\ \Phi_{176}\ \Phi_{22}$
151252	1890	2280	$\frac{1}{190}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2280}^2\ \Phi_{570}\ \Phi_{456}^2\ \Phi_{285}\ \Phi_{120}^2\ \Phi_{114}\ \Phi_{57}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
151253	1890	3016	$\frac{2}{377}$	$\frac{1}{4}$	$\frac{125}{377}$	$\frac{3}{8}$	$\Phi_{3016}\ \Phi_{377}\ \Phi_{232}\ \Phi_{104}\ \Phi_{29}\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
151254	1890	1016	$\frac{1}{127}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1016}^3\ \Phi_{508}\ \Phi_{254}$
151255	1890	3016	$\frac{5}{377}$	$\frac{62}{377}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3016}\ \Phi_{377}\ \Phi_{232}\ \Phi_{104}\ \Phi_{29}\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
151256	1890	2272	$\frac{1}{71}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2272}\ \Phi_{1136}\ \Phi_{284}\ \Phi_{142}$
151257	1890	448	$\frac{1}{64}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{448}^5\ \Phi_{224}^5\ \Phi_{112}^5\ \Phi_{56}^4\ \Phi_{28}^5\ \Phi_{14}^5\ \Phi_7^4$
151258	1890	3016	$\frac{6}{377}$	$\frac{53}{377}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3016}\ \Phi_{377}\ \Phi_{232}\ \Phi_{104}\ \Phi_{29}\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
151259	1890	440	$\frac{1}{55}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^4\ \Phi_{220}^5\ \Phi_{110}^5\ \Phi_{88}^4\ \Phi_{55}^4\ \Phi_{44}^5\ \Phi_{40}^4\ \Phi_{22}^5\ \Phi_{20}^5\ \Phi_{11}^4\ \Phi_{10}^5\ \Phi_5^4$
151260	1890	3016	$\frac{8}{377}$	$\frac{41}{377}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3016}\ \Phi_{377}\ \Phi_{232}\ \Phi_{104}\ \Phi_{29}\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
151261	1890	1720	$\frac{1}{43}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1720}^2\ \Phi_{430}\ \Phi_{344}\ \Phi_{215}\ \Phi_{86}$
151262	1890	520	$\frac{2}{65}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}^6\ \Phi_{104}^5\ \Phi_{65}^6\ \Phi_{40}^6\ \Phi_{13}^5\ \Phi_8^6\ \Phi_5^6\ \Phi_1^6$
151263	1890	232	$\frac{1}{29}$	$\frac{2}{29}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{232}^{13}\ \Phi_{29}^{13}\ \Phi_8^{14}\ \Phi_1^{14}$
151264	1890	840	$\frac{1}{28}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^4\ \Phi_{420}\ \Phi_{280}^4\ \Phi_{210}\ \Phi_{168}^4\ \Phi_{140}\ \Phi_{120}^3\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{40}^3\ \Phi_{35}\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
151265	1890	3016	$\frac{17}{377}$	$\frac{20}{377}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3016}\ \Phi_{377}\ \Phi_{232}\ \Phi_{104}\ \Phi_{29}\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
151266	1890	1672	$\frac{1}{22}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1672}^2\ \Phi_{418}\ \Phi_{209}\ \Phi_{152}\ \Phi_{38}$
151267	1890	2014	$\frac{1}{106}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{2014}\ \Phi_{1007}\ \Phi_{38}$
151268	1890	1889	$\frac{19}{1889}$	$\frac{374}{1889}$	$\frac{505}{1889}$	$\frac{692}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151269	1890	994	$\frac{1}{71}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{994}^3\ \Phi_{497}\ \Phi_{142}^3$
151270	1890	1889	$\frac{27}{1889}$	$\frac{266}{1889}$	$\frac{541}{1889}$	$\frac{674}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151271	1890	1984	$\frac{1}{64}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}$
151272	1890	2970	$\frac{1}{55}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{2970}\ \Phi_{990}\ \Phi_{594}\ \Phi_{495}\ \Phi_{330}\ \Phi_{270}\ \Phi_{198}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{45}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{10}$
151273	1890	1889	$\frac{35}{1889}$	$\frac{206}{1889}$	$\frac{561}{1889}$	$\frac{664}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151274	1890	1978	$\frac{1}{46}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{1978}\ \Phi_{989}\ \Phi_{86}$
151275	1890	1980	$\frac{1}{36}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{60}\ \Phi_{45}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
151276	1890	1889	$\frac{59}{1889}$	$\frac{122}{1889}$	$\frac{589}{1889}$	$\frac{650}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151277	1890	992	$\frac{1}{31}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{992}^3\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}$
151278	1890	1889	$\frac{83}{1889}$	$\frac{86}{1889}$	$\frac{601}{1889}$	$\frac{644}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151279	1890	2002	$\frac{4}{91}$	$\frac{1}{22}$	$\frac{29}{91}$	$\frac{31}{91}$	$\Phi_{2002}\ \Phi_{1001}\ \Phi_{286}\ \Phi_{182}\ \Phi_{154}\ \Phi_{143}\ \Phi_{77}\ \Phi_{26}\ \Phi_{14}$
151280	1890	2032	$\frac{4}{127}$	$\frac{1}{16}$	$\frac{41}{127}$	$\frac{43}{127}$	$\Phi_{2032}\ \Phi_{1016}\ \Phi_{508}\ \Phi_{254}$
151281	1890	1020	$\frac{1}{34}$	$\frac{1}{15}$	$\frac{11}{34}$	$\frac{23}{68}$	$\Phi_{1020}^3\ \Phi_{510}\ \Phi_{340}^3\ \Phi_{255}\ \Phi_{204}^3\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{60}^3\ \Phi_{51}\ \Phi_{30}\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_6$
151282	1890	1889	$\frac{50}{1889}$	$\frac{139}{1889}$	$\frac{613}{1889}$	$\frac{638}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151283	1890	1889	$\frac{38}{1889}$	$\frac{179}{1889}$	$\frac{617}{1889}$	$\frac{636}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151284	1890	2110	$\frac{4}{211}$	$\frac{1}{10}$	$\frac{69}{211}$	$\frac{71}{211}$	$\Phi_{2110}\ \Phi_{1055}\ \Phi_{422}$
151285	1890	2168	$\frac{4}{271}$	$\frac{1}{8}$	$\frac{89}{271}$	$\frac{91}{271}$	$\Phi_{2168}\ \Phi_{1084}\ \Phi_{542}$
151286	1890	1889	$\frac{26}{1889}$	$\frac{251}{1889}$	$\frac{621}{1889}$	$\frac{634}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151287	1890	1106	$\frac{1}{79}$	$\frac{1}{7}$	$\frac{26}{79}$	$\frac{53}{158}$	$\Phi_{1106}^3\ \Phi_{553}\ \Phi_{14}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
151288	1890	2274	$\frac{4}{379}$	$\frac{1}{6}$	$\frac{125}{379}$	$\frac{127}{379}$	$\Phi_{2274}\ \Phi_{1137}\ \Phi_{758}$
151289	1890	1889	$\frac{14}{1889}$	$\frac{419}{1889}$	$\frac{625}{1889}$	$\frac{632}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151290	1890	2524	$\frac{4}{631}$	$\frac{1}{4}$	$\frac{209}{631}$	$\frac{211}{631}$	$\Phi_{2524}\ \Phi_{1262}$
151291	1890	1224	$\frac{1}{136}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1224}^{2}\ \Phi_{612}^{2}\ \Phi_{408}\ \Phi_{306}^{2}\ \Phi_{204}\ \Phi_{153}^{2}\ \Phi_{102}\ \Phi_{72}^{2}\ \Phi_{51}\ \Phi_{36}^{2}\ \Phi_{24}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{6}$
151292	1890	1884	$\frac{1}{157}$	$\frac{1}{4}$	$\frac{52}{157}$	$\frac{1}{3}$	$\Phi_{1884}^{2}\ \Phi_{942}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
151293	1890	2838	$\frac{7}{946}$	$\frac{211}{946}$	$\frac{313}{946}$	$\frac{1}{3}$	$\Phi_{2838}\ \Phi_{1419}\ \Phi_{258}\ \Phi_{129}\ \Phi_{66}\ \Phi_{33}\ \Phi_{6}$
151294	1890	2421	$\frac{2}{269}$	$\frac{2}{9}$	$\frac{89}{269}$	$\frac{1}{3}$	$\Phi_{2421}\ \Phi_{269}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
151295	1890	282	$\frac{1}{94}$	$\frac{1}{6}$	$\frac{31}{94}$	$\frac{1}{3}$	$\Phi_{282}^{6}\ \Phi_{141}^{6}\ \Phi_{94}^{8}\ \Phi_{47}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
151296	1890	2838	$\frac{13}{946}$	$\frac{127}{946}$	$\frac{311}{946}$	$\frac{1}{3}$	$\Phi_{2838}\ \Phi_{1419}\ \Phi_{258}\ \Phi_{129}\ \Phi_{66}\ \Phi_{33}\ \Phi_{6}$
151297	1890	1608	$\frac{1}{67}$	$\frac{1}{8}$	$\frac{22}{67}$	$\frac{1}{3}$	$\Phi_{1608}^{2}\ \Phi_{804}^{2}\ \Phi_{402}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
151298	1890	780	$\frac{1}{52}$	$\frac{1}{10}$	$\frac{17}{52}$	$\frac{1}{3}$	$\Phi_{780}^{4}\ \Phi_{390}^{4}\ \Phi_{195}^{4}\ \Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{60}^{4}\ \Phi_{39}^{2}\ \Phi_{30}^{5}\ \Phi_{15}^{5}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
151299	1890	2838	$\frac{19}{946}$	$\frac{91}{946}$	$\frac{309}{946}$	$\frac{1}{3}$	$\Phi_{2838}\ \Phi_{1419}\ \Phi_{258}\ \Phi_{129}\ \Phi_{66}\ \Phi_{33}\ \Phi_{6}$
151300	1890	1032	$\frac{1}{43}$	$\frac{29}{344}$	$\frac{14}{43}$	$\frac{1}{3}$	$\Phi_{1032}^{3}\ \Phi_{516}^{3}\ \Phi_{258}^{3}\ \Phi_{129}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
151301	1890	2838	$\frac{25}{946}$	$\frac{71}{946}$	$\frac{307}{946}$	$\frac{1}{3}$	$\Phi_{2838}\ \Phi_{1419}\ \Phi_{258}\ \Phi_{129}\ \Phi_{66}\ \Phi_{33}\ \Phi_{6}$
151302	1890	1488	$\frac{1}{31}$	$\frac{1}{16}$	$\frac{10}{31}$	$\frac{1}{3}$	$\Phi_{1488}^{2}\ \Phi_{744}^{2}\ \Phi_{372}^{2}\ \Phi_{186}^{2}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
151303	1890	66	$\frac{1}{22}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{66}^{43}\ \Phi_{33}^{43}\ \Phi_{6}^{43}\ \Phi_{3}^{42}$
151304	1890	1428	$\frac{1}{28}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}^{2}\ \Phi_{357}\ \Phi_{238}^{2}\ \Phi_{204}\ \Phi_{119}^{2}\ \Phi_{102}\ \Phi_{84}^{2}\ \Phi_{68}^{2}\ \Phi_{42}^{2}\ \Phi_{34}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
151305	1890	2838	$\frac{31}{946}$	$\frac{61}{946}$	$\frac{295}{946}$	$\frac{1}{3}$	$\Phi_{2838}\ \Phi_{1419}\ \Phi_{258}\ \Phi_{129}\ \Phi_{66}\ \Phi_{33}\ \Phi_{6}$
151306	1890	468	$\frac{1}{36}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{468}^{4}\ \Phi_{234}^{4}\ \Phi_{156}^{4}\ \Phi_{117}^{4}\ \Phi_{78}^{4}\ \Phi_{52}^{4}\ \Phi_{39}^{2}\ \Phi_{36}^{6}\ \Phi_{26}^{4}\ \Phi_{18}^{6}\ \Phi_{13}^{4}\ \Phi_{12}^{6}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
151307	1890	690	$\frac{1}{46}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{690}^{4}\ \Phi_{345}^{4}\ \Phi_{138}^{5}\ \Phi_{69}^{5}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
151308	1890	2838	$\frac{19}{946}$	$\frac{103}{946}$	$\frac{281}{946}$	$\frac{1}{3}$	$\Phi_{2838}\ \Phi_{1419}\ \Phi_{258}\ \Phi_{129}\ \Phi_{66}\ \Phi_{33}\ \Phi_{6}$
151309	1890	2838	$\frac{15}{946}$	$\frac{133}{946}$	$\frac{271}{946}$	$\frac{1}{3}$	$\Phi_{2838}\ \Phi_{1419}\ \Phi_{258}\ \Phi_{129}\ \Phi_{66}\ \Phi_{33}\ \Phi_{6}$
151310	1890	1344	$\frac{1}{64}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{1344}^{2}\ \Phi_{672}^{2}\ \Phi_{336}^{2}\ \Phi_{192}^{3}\ \Phi_{168}^{2}\ \Phi_{96}^{3}\ \Phi_{84}^{2}\ \Phi_{48}^{3}\ \Phi_{42}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
151311	1890	258	$\frac{1}{86}$	$\frac{17}{86}$	$\frac{23}{86}$	$\frac{1}{3}$	$\Phi_{258}^{11}\ \Phi_{129}^{11}\ \Phi_{6}^{11}\ \Phi_{3}^{10}$
151312	1890	636	$\frac{1}{106}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{636}^{4}\ \Phi_{318}^{5}\ \Phi_{159}^{5}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
151313	1890	3276	$\frac{1}{91}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3276}\ \Phi_{1638}\ \Phi_{468}\ \Phi_{364}\ \Phi_{252}\ \Phi_{234}\ \Phi_{182}\ \Phi_{126}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$
151314	1890	1884	$\frac{2}{157}$	$\frac{31}{157}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1884}^{2}\ \Phi_{942}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
151315	1890	192	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{192}^{9}\ \Phi_{96}^{9}\ \Phi_{64}^{12}\ \Phi_{48}^{9}\ \Phi_{32}^{12}\ \Phi_{24}^{9}\ \Phi_{16}^{12}\ \Phi_{12}^{6}\ \Phi_{8}^{12}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
151316	1890	1884	$\frac{3}{157}$	$\frac{22}{157}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1884}^{2}\ \Phi_{942}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
151317	1890	552	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{552}^{6}\ \Phi_{276}^{4}\ \Phi_{138}^{5}\ \Phi_{69}^{5}\ \Phi_{24}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
151318	1890	1884	$\frac{4}{157}$	$\frac{17}{157}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1884}^{2}\ \Phi_{942}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
151319	1890	180	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}^{10}\ \Phi_{45}^{12}\ \Phi_{36}^{6}\ \Phi_{30}^{11}\ \Phi_{20}^{12}\ \Phi_{18}^{6}\ \Phi_{15}^{11}\ \Phi_{12}^{5}\ \Phi_{10}^{12}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{12}\ \Phi_{4}^{6}\ \Phi_{3}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
151320	1890	1884	$\frac{7}{157}$	$\frac{10}{157}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1884}^{2}\ \Phi_{942}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
151321	1890	528	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{528}^{6}\ \Phi_{264}^{6}\ \Phi_{132}^{4}\ \Phi_{66}^{5}\ \Phi_{48}^{3}\ \Phi_{33}^{5}\ \Phi_{24}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
151322	1890	528	$\frac{1}{22}$	$\frac{3}{44}$	$\frac{41}{176}$	$\frac{1}{3}$	$\Phi_{528}^{7}\ \Phi_{264}^{7}\ \Phi_{66}\ \Phi_{48}^{7}\ \Phi_{33}\ \Phi_{24}^{7}\ \Phi_{6}$
151323	1890	2421	$\frac{4}{269}$	$\frac{53}{269}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2421}\ \Phi_{269}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
151324	1890	990	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{990}^3\ \Phi_{495}^2\ \Phi_{330}\ \Phi_{198}^3\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}^2\ \Phi_{90}^3\ \Phi_{66}\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{10}$
151325	1890	2421	$\frac{5}{269}$	$\frac{44}{269}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2421}\ \Phi_{269}\ \Phi_9^2\ \Phi_1^2$
151326	1890	2898	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2898}\ \Phi_{1449}\ \Phi_{322}\ \Phi_{161}\ \Phi_{126}\ \Phi_{14}$
151327	1890	2421	$\frac{8}{269}$	$\frac{29}{269}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2421}\ \Phi_{269}\ \Phi_9^2\ \Phi_1^2$
151328	1890	2790	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2790}\ \Phi_{1395}\ \Phi_{558}\ \Phi_{310}\ \Phi_{155}\ \Phi_{62}$
151329	1890	2421	$\frac{9}{269}$	$\frac{26}{269}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2421}\ \Phi_{269}\ \Phi_9^2\ \Phi_1^2$
151330	1890	2772	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{396}\ \Phi_{308}\ \Phi_{198}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}$
151331	1890	2421	$\frac{14}{269}$	$\frac{17}{269}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2421}\ \Phi_{269}\ \Phi_9^2\ \Phi_1^2$
151332	1890	2736	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2736}\ \Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
151333	1890	516	$\frac{1}{43}$	$\frac{6}{43}$	$\frac{37}{172}$	$\frac{1}{3}$	$\Phi_{516}^7\ \Phi_{258}^7\ \Phi_{129}\ \Phi_{12}^7\ \Phi_6^7$
151334	1890	3450	$\frac{1}{46}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3450}\ \Phi_{1725}\ \Phi_{150}\ \Phi_{138}\ \Phi_{69}\ \Phi_6$
151335	1890	1410	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{46}{235}$	$\frac{1}{3}$	$\Phi_{1410}^2\ \Phi_{705}\ \Phi_{470}^2\ \Phi_{235}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
151336	1890	1608	$\frac{2}{67}$	$\frac{1}{8}$	$\frac{13}{67}$	$\frac{1}{3}$	$\Phi_{1608}^2\ \Phi_{804}^2\ \Phi_{402}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3$
151337	1890	2838	$\frac{31}{946}$	$\frac{109}{946}$	$\frac{183}{946}$	$\frac{1}{3}$	$\Phi_{2838}\ \Phi_{1419}\ \Phi_{258}\ \Phi_{129}\ \Phi_{66}\ \Phi_{33}\ \Phi_6$
151338	1890	390	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{5}{26}$	$\frac{1}{3}$	$\Phi_{390}^8\ \Phi_{195}^8\ \Phi_{78}^4\ \Phi_{39}^4\ \Phi_{30}^9\ \Phi_{15}^9\ \Phi_6^5\ \Phi_3^4$
151339	1890	2838	$\frac{41}{946}$	$\frac{85}{946}$	$\frac{181}{946}$	$\frac{1}{3}$	$\Phi_{2838}\ \Phi_{1419}\ \Phi_{258}\ \Phi_{129}\ \Phi_{66}\ \Phi_{33}\ \Phi_6$
151340	1890	66	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{66}^{45}\ \Phi_{33}^{41}\ \Phi_6^{45}\ \Phi_3^{40}$
151341	1890	2838	$\frac{37}{946}$	$\frac{101}{946}$	$\frac{169}{946}$	$\frac{1}{3}$	$\Phi_{2838}\ \Phi_{1419}\ \Phi_{258}\ \Phi_{129}\ \Phi_{66}\ \Phi_{33}\ \Phi_6$
151342	1890	1428	$\frac{1}{28}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{1428}^2\ \Phi_{714}^2\ \Phi_{357}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{84}^3\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_6^3$
151343	1890	2838	$\frac{29}{946}$	$\frac{131}{946}$	$\frac{163}{946}$	$\frac{1}{3}$	$\Phi_{2838}\ \Phi_{1419}\ \Phi_{258}\ \Phi_{129}\ \Phi_{66}\ \Phi_{33}\ \Phi_6$
151344	1890	282	$\frac{3}{94}$	$\frac{13}{94}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{282}^6\ \Phi_{141}^6\ \Phi_{94}^8\ \Phi_{47}^8\ \Phi_6^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
151345	1890	168	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{168}^{12}\ \Phi_{84}^9\ \Phi_{56}^{16}\ \Phi_{42}^9\ \Phi_{28}^{12}\ \Phi_{24}^9\ \Phi_{21}^9\ \Phi_{14}^{12}\ \Phi_{12}^6\ \Phi_8^{12}\ \Phi_7^{12}\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
151346	1890	282	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{282}^8\ \Phi_{141}^4\ \Phi_{94}^8\ \Phi_{47}^8\ \Phi_6^{10}\ \Phi_3^5\ \Phi_2^{10}\ \Phi_1^{10}$
151347	1890	330	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{330}^6\ \Phi_{165}^6\ \Phi_{110}^8\ \Phi_{66}^3\ \Phi_{55}^8\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{22}^4\ \Phi_{15}^3\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
151348	1890	1056	$\frac{1}{22}$	$\frac{37}{352}$	$\frac{7}{44}$	$\frac{1}{3}$	$\Phi_{1056}^3\ \Phi_{528}^3\ \Phi_{264}^3\ \Phi_{96}^3\ \Phi_{66}\ \Phi_{48}^3\ \Phi_{33}\ \Phi_{24}^3\ \Phi_6$
151349	1890	1122	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{59}{374}$	$\frac{1}{3}$	$\Phi_{1122}^3\ \Phi_{561}^2\ \Phi_{102}^3\ \Phi_{66}^3\ \Phi_{51}^2\ \Phi_{33}^3\ \Phi_6^3\ \Phi_3^2$
151350	1890	462	$\frac{1}{22}$	$\frac{19}{154}$	$\frac{3}{22}$	$\frac{1}{3}$	$\Phi_{462}^7\ \Phi_{231}^7\ \Phi_{66}\ \Phi_{42}^7\ \Phi_{33}\ \Phi_{21}^7\ \Phi_6$
151351	1890	780	$\frac{3}{52}$	$\frac{1}{10}$	$\frac{7}{52}$	$\frac{1}{3}$	$\Phi_{780}^4\ \Phi_{390}^4\ \Phi_{195}^4\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{60}^4\ \Phi_{39}^2\ \Phi_{30}^5\ \Phi_{15}^5\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
151352	1890	2838	$\frac{57}{946}$	$\frac{91}{946}$	$\frac{127}{946}$	$\frac{1}{3}$	$\Phi_{2838}\ \Phi_{1419}\ \Phi_{258}\ \Phi_{129}\ \Phi_{66}\ \Phi_{33}\ \Phi_6$
151353	1890	1488	$\frac{1}{16}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{3}$	$\Phi_{1488}^2\ \Phi_{744}^2\ \Phi_{372}^2\ \Phi_{186}^2\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3$
151354	1890	258	$\frac{5}{86}$	$\frac{9}{86}$	$\frac{11}{86}$	$\frac{1}{3}$	$\Phi_{258}^{11}\ \Phi_{129}^{11}\ \Phi_6^{11}\ \Phi_3^{10}$
151355	1890	1608	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1608}^2\ \Phi_{804}^2\ \Phi_{402}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3$
151356	1890	240	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{240}^{14}\ \Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{48}^7\ \Phi_{30}^{13}\ \Phi_{24}^6\ \Phi_{15}^{13}\ \Phi_{12}^6\ \Phi_6^7\ \Phi_3^6$
151357	1890	390	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{4}{39}$	$\frac{1}{3}$	$\Phi_{390}^5\ \Phi_{195}^5\ \Phi_{130}^6\ \Phi_{78}^5\ \Phi_{65}^6\ \Phi_{30}^6\ \Phi_{26}^6\ \Phi_{15}^6\ \Phi_{10}^6\ \Phi_6^6\ \Phi_5^6\ \Phi_2^6$
151358	1890	836	$\frac{2}{209}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{69}{209}$	$\Phi_{836}^2\ \Phi_{418}^2\ \Phi_{209}^3\ \Phi_{76}^2\ \Phi_{44}^2\ \Phi_{38}^2\ \Phi_{22}^2\ \Phi_{19}^3\ \Phi_{11}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
151359	1890	1889	$\frac{20}{1889}$	$\frac{422}{1889}$	$\frac{489}{1889}$	$\frac{623}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151360	1890	2524	$\frac{7}{631}$	$\frac{141}{631}$	$\frac{1}{4}$	$\frac{208}{631}$	$\Phi_{2524}\ \Phi_{1262}$
151361	1890	875	$\frac{2}{125}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{41}{125}$	$\Phi_{875}^2\ \Phi_{175}^2\ \Phi_{125}^3\ \Phi_{35}^2\ \Phi_{25}^3\ \Phi_7^4\ \Phi_5^3\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
151362	1890	1500	$\frac{2}{125}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{41}{125}$	$\Phi_{1500}^2\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}^2\ \Phi_{150}\ \Phi_{125}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
151363	1890	1889	$\frac{32}{1889}$	$\frac{254}{1889}$	$\frac{545}{1889}$	$\frac{619}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151364	1890	2274	$\frac{7}{379}$	$\frac{1}{6}$	$\frac{85}{379}$	$\frac{124}{379}$	$\Phi_{2274}\ \Phi_{1137}\ \Phi_{758}$
151365	1890	884	$\frac{1}{52}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{17}{52}$	$\Phi_{884}^2\ \Phi_{442}^2\ \Phi_{221}^2\ \Phi_{68}^2\ \Phi_{52}^4\ \Phi_{34}^2\ \Phi_{26}^4\ \Phi_{17}^3\ \Phi_{13}^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
151366	1890	364	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{17}{52}$	$\Phi_{364}^6\ \Phi_{182}^6\ \Phi_{91}^6\ \Phi_{28}^7\ \Phi_{14}^7\ \Phi_7^6$
151367	1890	1889	$\frac{38}{1889}$	$\frac{212}{1889}$	$\frac{559}{1889}$	$\frac{617}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151368	1890	1889	$\frac{38}{1889}$	$\frac{293}{1889}$	$\frac{424}{1889}$	$\frac{617}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151369	1890	2524	$\frac{13}{631}$	$\frac{85}{631}$	$\frac{1}{4}$	$\frac{206}{631}$	$\Phi_{2524}\ \Phi_{1262}$
151370	1890	2212	$\frac{7}{316}$	$\frac{1}{7}$	$\frac{71}{316}$	$\frac{103}{316}$	$\Phi_{2212}\ \Phi_{1106}\ \Phi_{553}\ \Phi_{28}\ \Phi_{14}$
151371	1890	890	$\frac{2}{89}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{29}{89}$	$\Phi_{890}^2\ \Phi_{445}^2\ \Phi_{178}^2\ \Phi_{89}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
151372	1890	712	$\frac{2}{89}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{29}{89}$	$\Phi_{712}^3\ \Phi_{356}^2\ \Phi_{178}^2\ \Phi_{89}^3\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
151373	1890	2225	$\frac{2}{89}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{29}{89}$	$\Phi_{2225}\ \Phi_{89}\ \Phi_{25}^2\ \Phi_1^2$
151374	1890	1889	$\frac{44}{1889}$	$\frac{182}{1889}$	$\frac{569}{1889}$	$\frac{615}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151375	1890	1889	$\frac{47}{1889}$	$\frac{244}{1889}$	$\frac{425}{1889}$	$\frac{614}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151376	1890	2524	$\frac{16}{631}$	$\frac{71}{631}$	$\frac{1}{4}$	$\frac{205}{631}$	$\Phi_{2524}\ \Phi_{1262}$
151377	1890	2168	$\frac{7}{271}$	$\frac{1}{8}$	$\frac{61}{271}$	$\frac{88}{271}$	$\Phi_{2168}\ \Phi_{1084}\ \Phi_{542}$
151378	1890	1889	$\frac{56}{1889}$	$\frac{209}{1889}$	$\frac{426}{1889}$	$\frac{611}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151379	1890	2524	$\frac{19}{631}$	$\frac{61}{631}$	$\frac{1}{4}$	$\frac{204}{631}$	$\Phi_{2524}\ \Phi_{1262}$
151380	1890	899	$\frac{1}{31}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{10}{31}$	$\Phi_{899}^2\ \Phi_{31}^4\ \Phi_{29}^3\ \Phi_1^6$
151381	1890	1364	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{31}$	$\Phi_{1364}^2\ \Phi_{682}^2\ \Phi_{44}^3\ \Phi_{22}^3$
151382	1890	899	$\frac{1}{31}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{10}{31}$	$\Phi_{899}^2\ \Phi_{31}^4\ \Phi_{29}^3\ \Phi_1^6$
151383	1890	1302	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{10}{31}$	$\Phi_{1302}^2\ \Phi_{651}^2\ \Phi_{434}^2\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{14}^3$
151384	1890	1889	$\frac{62}{1889}$	$\frac{128}{1889}$	$\frac{587}{1889}$	$\frac{609}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151385	1890	2090	$\frac{7}{190}$	$\frac{1}{11}$	$\frac{43}{190}$	$\frac{61}{190}$	$\Phi_{2090}\ \Phi_{1045}\ \Phi_{418}\ \Phi_{209}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
151386	1890	2703	$\frac{2}{53}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{17}{53}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{53}\ \Phi_{51}^2\ \Phi_3^2\ \Phi_1^2$
151387	1890	901	$\frac{2}{53}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{17}{53}$	$\Phi_{901}^2\ \Phi_{53}^3\ \Phi_{17}^4\ \Phi_1^6$
151388	1890	1272	$\frac{2}{53}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{17}{53}$	$\Phi_{1272}^2\ \Phi_{636}^2\ \Phi_{424}\ \Phi_{318}\ \Phi_{212}\ \Phi_{159}\ \Phi_{53}\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
151389	1890	1889	$\frac{74}{1889}$	$\frac{214}{1889}$	$\frac{335}{1889}$	$\frac{605}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151390	1890	1889	$\frac{77}{1889}$	$\frac{257}{1889}$	$\frac{272}{1889}$	$\frac{604}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151391	1890	2212	$\frac{13}{316}$	$\frac{43}{316}$	$\frac{1}{7}$	$\frac{101}{316}$	$\Phi_{2212}\ \Phi_{1106}\ \Phi_{553}\ \Phi_{28}\ \Phi_{14}$
151392	1890	2274	$\frac{16}{379}$	$\frac{43}{379}$	$\frac{1}{6}$	$\frac{121}{379}$	$\Phi_{2274}\ \Phi_{1137}\ \Phi_{758}$
151393	1890	1889	$\frac{83}{1889}$	$\frac{146}{1889}$	$\frac{429}{1889}$	$\frac{602}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151394	1890	2524	$\frac{28}{631}$	$\frac{43}{631}$	$\frac{1}{4}$	$\frac{201}{631}$	$\Phi_{2524}\ \Phi_{1262}$
151395	1890	902	$\frac{1}{22}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{7}{22}$	$\Phi_{902}^2\ \Phi_{451}^2\ \Phi_{82}^2\ \Phi_{41}^3\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_2^4\ \Phi_1^6$
151396	1890	660	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{22}$	$\Phi_{660}^4\ \Phi_{330}^2\ \Phi_{220}^4\ \Phi_{165}^2\ \Phi_{132}^4\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^5\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{30}^3\ \Phi_{20}^5\ \Phi_{15}^2\ \Phi_{12}^5\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^2\ \Phi_3^2$
151397	1890	902	$\frac{1}{22}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{7}{22}$	$\Phi_{902}^2\ \Phi_{451}^2\ \Phi_{82}^2\ \Phi_{41}^3\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_2^4\ \Phi_1^6$
151398	1890	616	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{22}$	$\Phi_{616}^4\ \Phi_{308}^4\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{56}^5\ \Phi_{28}^5\ \Phi_{14}^3\ \Phi_7^2$
151399	1890	1889	$\frac{86}{1889}$	$\frac{92}{1889}$	$\frac{599}{1889}$	$\frac{601}{1889}$	$\Phi_{1889}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
151400	1890	1889	$\frac{86}{1889}$	$\frac{184}{1889}$	$\frac{341}{1889}$	$\frac{601}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151401	1890	2168	$\frac{13}{271}$	$\frac{1}{8}$	$\frac{37}{271}$	$\frac{86}{271}$	$\Phi_{2168}\ \Phi_{1084}\ \Phi_{542}$
151402	1890	1889	$\frac{92}{1889}$	$\frac{233}{1889}$	$\frac{258}{1889}$	$\frac{599}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151403	1890	656	$\frac{2}{41}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{13}{41}$	$\Phi_{656}^3\ \Phi_{328}^3\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{41}^3\ \Phi_{16}^6\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
151404	1890	451	$\frac{2}{41}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{13}{41}$	$\Phi_{451}^4\ \Phi_{41}^5\ \Phi_{11}^8\ \Phi_1^{10}$
151405	1890	1230	$\frac{2}{41}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{13}{41}$	$\Phi_{1230}^2\ \Phi_{615}^2\ \Phi_{410}\ \Phi_{246}\ \Phi_{205}\ \Phi_{123}\ \Phi_{41}\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
151406	1890	2274	$\frac{19}{379}$	$\frac{37}{379}$	$\frac{1}{6}$	$\frac{120}{379}$	$\Phi_{2274}\ \Phi_{1137}\ \Phi_{758}$
151407	1890	2040	$\frac{7}{136}$	$\frac{1}{15}$	$\frac{31}{136}$	$\frac{43}{136}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{120}\ \Phi_{102}\ \Phi_{85}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
151408	1890	836	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{13}{76}$	$\frac{6}{19}$	$\Phi_{836}^3\ \Phi_{418}^3\ \Phi_{209}\ \Phi_{44}^3\ \Phi_{22}^3$
151409	1890	2032	$\frac{7}{127}$	$\frac{1}{16}$	$\frac{29}{127}$	$\frac{40}{127}$	$\Phi_{2032}\ \Phi_{1016}\ \Phi_{508}\ \Phi_{254}$
151410	1890	1889	$\frac{107}{1889}$	$\frac{185}{1889}$	$\frac{284}{1889}$	$\frac{594}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151411	1890	1889	$\frac{110}{1889}$	$\frac{144}{1889}$	$\frac{349}{1889}$	$\frac{593}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151412	1890	1889	$\frac{110}{1889}$	$\frac{216}{1889}$	$\frac{239}{1889}$	$\frac{593}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151413	1890	3876	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{3876}\ \Phi_{1938}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{38}$
151414	1890	2703	$\frac{1}{17}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{16}{51}$	$\Phi_{2703}\ \Phi_{159}\ \Phi_{53}\ \Phi_{51}^2\ \Phi_3^2\ \Phi_1^2$
151415	1890	3570	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{16}{51}$	$\Phi_{3570}\ \Phi_{1785}\ \Phi_{714}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{14}$
151416	1890	2168	$\frac{16}{271}$	$\frac{31}{271}$	$\frac{1}{8}$	$\frac{85}{271}$	$\Phi_{2168}\ \Phi_{1084}\ \Phi_{542}$
151417	1890	2212	$\frac{19}{316}$	$\frac{31}{316}$	$\frac{1}{7}$	$\frac{99}{316}$	$\Phi_{2212}\ \Phi_{1106}\ \Phi_{553}\ \Phi_{28}\ \Phi_{14}$
151418	1890	2110	$\frac{13}{211}$	$\frac{1}{10}$	$\frac{29}{211}$	$\frac{66}{211}$	$\Phi_{2110}\ \Phi_{1055}\ \Phi_{422}$
151419	1890	1889	$\frac{104}{1889}$	$\frac{119}{1889}$	$\frac{433}{1889}$	$\frac{590}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151420	1890	2524	$\frac{31}{631}$	$\frac{40}{631}$	$\frac{1}{4}$	$\frac{197}{631}$	$\Phi_{2524}\ \Phi_{1262}$
151421	1890	1889	$\frac{122}{1889}$	$\frac{181}{1889}$	$\frac{260}{1889}$	$\frac{589}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151422	1890	2274	$\frac{25}{379}$	$\frac{29}{379}$	$\frac{1}{6}$	$\frac{118}{379}$	$\Phi_{2274}\ \Phi_{1137}\ \Phi_{758}$
151423	1890	1889	$\frac{97}{1889}$	$\frac{128}{1889}$	$\frac{434}{1889}$	$\frac{587}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151424	1890	2524	$\frac{29}{631}$	$\frac{43}{631}$	$\frac{1}{4}$	$\frac{196}{631}$	$\Phi_{2524}\ \Phi_{1262}$
151425	1890	1276	$\frac{1}{22}$	$\frac{2}{29}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{1276}^2\ \Phi_{638}\ \Phi_{319}\ \Phi_{116}\ \Phi_{44}^4\ \Phi_{29}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_4^2\ \Phi_1^2$
151426	1890	899	$\frac{2}{29}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{9}{29}$	$\Phi_{899}^2\ \Phi_{31}^4\ \Phi_{29}^3\ \Phi_1^6$
151427	1890	1160	$\frac{2}{29}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{29}$	$\Phi_{1160}^2\ \Phi_{580}^2\ \Phi_{290}\ \Phi_{232}\ \Phi_{145}\ \Phi_{116}\ \Phi_{40}^4\ \Phi_{29}\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
151428	1890	598	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{11}{46}$	$\frac{4}{13}$	$\Phi_{598}^4\ \Phi_{299}^2\ \Phi_{46}^6\ \Phi_{26}^4\ \Phi_{23}^3\ \Phi_{13}^4\ \Phi_2^6\ \Phi_1^6$
151429	1890	286	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{286}^7\ \Phi_{143}^7\ \Phi_{26}^7\ \Phi_{22}^6\ \Phi_{11}^6\ \Phi_2^6$
151430	1890	897	$\frac{4}{69}$	$\frac{1}{13}$	$\frac{13}{69}$	$\frac{4}{13}$	$\Phi_{897}^2\ \Phi_{299}^2\ \Phi_{69}^3\ \Phi_{39}^2\ \Phi_{23}^3\ \Phi_{13}^4\ \Phi_3^3\ \Phi_1^6$
151431	1890	390	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{4}{13}$	$\Phi_{390}^6\ \Phi_{195}^4\ \Phi_{130}^6\ \Phi_{78}^4\ \Phi_{65}^4\ \Phi_{39}^2\ \Phi_{30}^9\ \Phi_{26}^4\ \Phi_{15}^6\ \Phi_{13}^4\ \Phi_{10}^9\ \Phi_6^6\ \Phi_5^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
151432	1890	299	$\frac{1}{13}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{4}{13}$	$\Phi_{299}^6\ \Phi_{23}^9\ \Phi_{13}^8\ \Phi_1^{12}$
151433	1890	1144	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{4}{13}$	$\Phi_{1144}^2\ \Phi_{572}^2\ \Phi_{286}^2\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{22}^3$
151434	1890	1889	$\frac{146}{1889}$	$\frac{164}{1889}$	$\frac{249}{1889}$	$\frac{575}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151435	1890	1889	$\frac{94}{1889}$	$\frac{170}{1889}$	$\frac{359}{1889}$	$\frac{573}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151436	1890	1889	$\frac{170}{1889}$	$\frac{188}{1889}$	$\frac{189}{1889}$	$\frac{573}{1889}$	$\Phi_{1889}\ \Phi_1^2$
151437	1890	2110	$\frac{19}{211}$	$\frac{21}{211}$	$\frac{1}{10}$	$\frac{64}{211}$	$\Phi_{2110}\ \Phi_{1055}\ \Phi_{422}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
151438	1890	2168	$\frac{21}{271}$	$\frac{25}{271}$	$\frac{1}{8}$	$\frac{82}{271}$	$\Phi_{2168}\ \Phi_{1084}\ \Phi_{542}$
151439	1890	2040	$\frac{1}{15}$	$\frac{13}{136}$	$\frac{19}{136}$	$\frac{41}{136}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{120}\ \Phi_{102}\ \Phi_{85}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
151440	1890	1889	$\frac{69}{1889}$	$\frac{182}{1889}$	$\frac{440}{1889}$	$\frac{569}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151441	1890	1889	$\frac{132}{1889}$	$\frac{182}{1889}$	$\frac{251}{1889}$	$\frac{569}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151442	1890	2524	$\frac{21}{631}$	$\frac{61}{631}$	$\frac{1}{4}$	$\frac{190}{631}$	$\Phi_{2524}\ \Phi_{1262}$
151443	1890	620	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{620}^{4}\ \Phi_{310}^{2}\ \Phi_{155}^{2}\ \Phi_{124}^{5}\ \Phi_{62}^{3}\ \Phi_{31}^{2}$
151444	1890	890	$\frac{4}{89}$	$\frac{1}{10}$	$\frac{17}{89}$	$\frac{3}{10}$	$\Phi_{890}^{2}\ \Phi_{445}^{2}\ \Phi_{178}^{2}\ \Phi_{89}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
151445	1890	570	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{570}^{4}\ \Phi_{285}^{4}\ \Phi_{190}^{2}\ \Phi_{114}^{5}\ \Phi_{95}^{2}\ \Phi_{57}^{5}\ \Phi_{38}^{3}\ \Phi_{19}^{2}$
151446	1890	890	$\frac{5}{89}$	$\frac{1}{10}$	$\frac{14}{89}$	$\frac{3}{10}$	$\Phi_{890}^{2}\ \Phi_{445}^{2}\ \Phi_{178}^{2}\ \Phi_{89}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
151447	1890	560	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{10}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{140}^{4}\ \Phi_{112}^{5}\ \Phi_{70}^{2}\ \Phi_{56}^{5}\ \Phi_{35}^{2}\ \Phi_{28}^{5}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
151448	1890	890	$\frac{8}{89}$	$\frac{1}{10}$	$\frac{9}{89}$	$\frac{3}{10}$	$\Phi_{890}^{2}\ \Phi_{445}^{2}\ \Phi_{178}^{2}\ \Phi_{89}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
151449	1890	110	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{3}{10}$	$\Phi_{110}^{19}\ \Phi_{55}^{19}\ \Phi_{22}^{19}\ \Phi_{11}^{18}$
151450	1890	1889	$\frac{170}{1889}$	$\frac{189}{1889}$	$\frac{191}{1889}$	$\frac{566}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151451	1890	2168	$\frac{19}{271}$	$\frac{28}{271}$	$\frac{1}{8}$	$\frac{81}{271}$	$\Phi_{2168}\ \Phi_{1084}\ \Phi_{542}$
151452	1890	1889	$\frac{116}{1889}$	$\frac{197}{1889}$	$\frac{265}{1889}$	$\frac{564}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151453	1890	2274	$\frac{19}{379}$	$\frac{40}{379}$	$\frac{1}{6}$	$\frac{113}{379}$	$\Phi_{2274}\ \Phi_{1137}\ \Phi_{758}$
151454	1890	1984	$\frac{1}{31}$	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}$
151455	1890	960	$\frac{1}{15}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{19}{64}$	$\Phi_{960}^{2}\ \Phi_{480}^{2}\ \Phi_{320}^{2}\ \Phi_{240}^{2}\ \Phi_{192}^{2}\ \Phi_{160}^{2}\ \Phi_{120}^{3}\ \Phi_{96}^{2}\ \Phi_{80}^{2}\ \Phi_{60}^{3}\ \Phi_{48}^{2}\ \Phi_{40}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{2}$
151456	1890	1889	$\frac{74}{1889}$	$\frac{218}{1889}$	$\frac{363}{1889}$	$\frac{557}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151457	1890	612	$\frac{1}{36}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{612}^{3}\ \Phi_{306}^{3}\ \Phi_{204}^{3}\ \Phi_{153}^{3}\ \Phi_{102}^{3}\ \Phi_{68}^{2}\ \Phi_{51}^{3}\ \Phi_{36}^{6}\ \Phi_{34}^{2}\ \Phi_{18}^{6}\ \Phi_{17}^{3}\ \Phi_{12}^{6}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
151458	1890	442	$\frac{1}{26}$	$\frac{2}{17}$	$\frac{5}{26}$	$\frac{5}{17}$	$\Phi_{442}^{4}\ \Phi_{221}^{4}\ \Phi_{34}^{4}\ \Phi_{26}^{8}\ \Phi_{17}^{5}\ \Phi_{13}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
151459	1890	1122	$\frac{1}{22}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{1122}^{2}\ \Phi_{561}^{2}\ \Phi_{374}\ \Phi_{187}\ \Phi_{102}\ \Phi_{66}^{4}\ \Phi_{51}\ \Phi_{33}^{4}\ \Phi_{22}^{2}\ \Phi_{17}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
151460	1890	884	$\frac{3}{52}$	$\frac{2}{17}$	$\frac{7}{52}$	$\frac{5}{17}$	$\Phi_{884}^{2}\ \Phi_{442}^{2}\ \Phi_{221}^{2}\ \Phi_{68}^{2}\ \Phi_{52}^{4}\ \Phi_{34}^{2}\ \Phi_{26}^{4}\ \Phi_{17}^{3}\ \Phi_{13}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
151461	1890	272	$\frac{1}{16}$	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{5}{17}$	$\Phi_{272}^{7}\ \Phi_{136}^{6}\ \Phi_{68}^{6}\ \Phi_{34}^{6}\ \Phi_{17}^{7}\ \Phi_{16}^{14}\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
151462	1890	663	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{663}^{3}\ \Phi_{221}^{2}\ \Phi_{51}^{3}\ \Phi_{39}^{6}\ \Phi_{17}^{3}\ \Phi_{13}^{4}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
151463	1890	1889	$\frac{89}{1889}$	$\frac{227}{1889}$	$\frac{300}{1889}$	$\frac{554}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151464	1890	2014	$\frac{1}{19}$	$\frac{13}{106}$	$\frac{15}{106}$	$\frac{31}{106}$	$\Phi_{2014}\ \Phi_{1007}\ \Phi_{38}$
151465	1890	2032	$\frac{1}{16}$	$\frac{15}{127}$	$\frac{16}{127}$	$\frac{37}{127}$	$\Phi_{2032}\ \Phi_{1016}\ \Phi_{508}\ \Phi_{254}$
151466	1890	1980	$\frac{1}{36}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{60}\ \Phi_{45}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
151467	1890	1889	$\frac{134}{1889}$	$\frac{195}{1889}$	$\frac{242}{1889}$	$\frac{549}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151468	1890	1889	$\frac{149}{1889}$	$\frac{174}{1889}$	$\frac{245}{1889}$	$\frac{548}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151469	1890	418	$\frac{3}{38}$	$\frac{1}{11}$	$\frac{5}{38}$	$\frac{11}{38}$	$\Phi_{418}^{5}\ \Phi_{209}^{5}\ \Phi_{22}^{5}\ \Phi_{11}^{4}$
151470	1890	2110	$\frac{15}{211}$	$\frac{1}{10}$	$\frac{28}{211}$	$\frac{61}{211}$	$\Phi_{2110}\ \Phi_{1055}\ \Phi_{422}$
151471	1890	1889	$\frac{64}{1889}$	$\frac{254}{1889}$	$\frac{365}{1889}$	$\frac{545}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151472	1890	1889	$\frac{111}{1889}$	$\frac{224}{1889}$	$\frac{254}{1889}$	$\frac{545}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151473	1890	1889	$\frac{90}{1889}$	$\frac{257}{1889}$	$\frac{269}{1889}$	$\frac{544}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151474	1890	2212	$\frac{15}{316}$	$\frac{43}{316}$	$\frac{1}{7}$	$\frac{91}{316}$	$\Phi_{2212}\ \Phi_{1106}\ \Phi_{553}\ \Phi_{28}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
151475	1890	2274	$\frac{15}{379}$	$\frac{52}{379}$	$\frac{1}{6}$	$\frac{109}{379}$	$\Phi_{2274}\ \Phi_{1137}\ \Phi_{758}$
151476	1890	1889	$\frac{48}{1889}$	$\frac{263}{1889}$	$\frac{449}{1889}$	$\frac{542}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151477	1890	2524	$\frac{15}{631}$	$\frac{88}{631}$	$\frac{1}{4}$	$\frac{181}{631}$	$\Phi_{2524}\ \Phi_{1262}$
151478	1890	1204	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{1204}^{2}\ \Phi_{602}^{2}\ \Phi_{172}^{3}\ \Phi_{86}^{3}$
151479	1890	455	$\frac{2}{65}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{455}^{4}\ \Phi_{91}^{4}\ \Phi_{65}^{6}\ \Phi_{35}^{2}\ \Phi_{13}^{6}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{6}$
151480	1890	175	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{2}{7}$	$\Phi_{175}^{10}\ \Phi_{35}^{10}\ \Phi_{25}^{15}\ \Phi_{7}^{12}\ \Phi_{5}^{15}\ \Phi_{1}^{18}$
151481	1890	154	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{154}^{13}\ \Phi_{77}^{13}\ \Phi_{22}^{12}\ \Phi_{14}^{13}\ \Phi_{11}^{12}\ \Phi_{2}^{12}$
151482	1890	875	$\frac{6}{125}$	$\frac{17}{125}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{875}^{2}\ \Phi_{175}^{2}\ \Phi_{125}^{3}\ \Phi_{35}^{2}\ \Phi_{25}^{3}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{6}$
151483	1890	1064	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{1064}^{2}\ \Phi_{532}^{2}\ \Phi_{266}^{2}\ \Phi_{152}^{3}\ \Phi_{76}^{3}\ \Phi_{38}^{3}$
151484	1890	875	$\frac{8}{125}$	$\frac{13}{125}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{875}^{2}\ \Phi_{175}^{2}\ \Phi_{125}^{3}\ \Phi_{35}^{2}\ \Phi_{25}^{3}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{6}$
151485	1890	210	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{210}^{10}\ \Phi_{105}^{8}\ \Phi_{70}^{8}\ \Phi_{42}^{10}\ \Phi_{35}^{6}\ \Phi_{30}^{15}\ \Phi_{21}^{8}\ \Phi_{15}^{12}\ \Phi_{14}^{8}\ \Phi_{10}^{12}\ \Phi_{7}^{8}\ \Phi_{6}^{15}\ \Phi_{5}^{9}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
151486	1890	1889	$\frac{90}{1889}$	$\frac{257}{1889}$	$\frac{272}{1889}$	$\frac{539}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151487	1890	2032	$\frac{1}{16}$	$\frac{13}{127}$	$\frac{19}{127}$	$\frac{36}{127}$	$\Phi_{2032}\ \Phi_{1016}\ \Phi_{508}\ \Phi_{254}$
151488	1890	1978	$\frac{1}{43}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{1978}\ \Phi_{989}\ \Phi_{86}$
151489	1890	1889	$\frac{113}{1889}$	$\frac{194}{1889}$	$\frac{296}{1889}$	$\frac{531}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151490	1890	2168	$\frac{13}{271}$	$\frac{1}{8}$	$\frac{43}{271}$	$\frac{76}{271}$	$\Phi_{2168}\ \Phi_{1084}\ \Phi_{542}$
151491	1890	1889	$\frac{77}{1889}$	$\frac{272}{1889}$	$\frac{302}{1889}$	$\frac{529}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151492	1890	900	$\frac{1}{36}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}^{2}\ \Phi_{225}^{2}\ \Phi_{180}^{3}\ \Phi_{150}^{2}\ \Phi_{100}^{2}\ \Phi_{90}^{3}\ \Phi_{75}^{2}\ \Phi_{60}^{3}\ \Phi_{50}^{2}\ \Phi_{45}^{3}\ \Phi_{36}^{2}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
151493	1890	2274	$\frac{13}{379}$	$\frac{61}{379}$	$\frac{1}{6}$	$\frac{106}{379}$	$\Phi_{2274}\ \Phi_{1137}\ \Phi_{758}$
151494	1890	1889	$\frac{41}{1889}$	$\frac{308}{1889}$	$\frac{454}{1889}$	$\frac{527}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151495	1890	2524	$\frac{13}{631}$	$\frac{103}{631}$	$\frac{1}{4}$	$\frac{176}{631}$	$\Phi_{2524}\ \Phi_{1262}$
151496	1890	1889	$\frac{65}{1889}$	$\frac{304}{1889}$	$\frac{317}{1889}$	$\frac{524}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151497	1890	1889	$\frac{76}{1889}$	$\frac{259}{1889}$	$\frac{326}{1889}$	$\frac{521}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151498	1890	2002	$\frac{1}{22}$	$\frac{11}{91}$	$\frac{16}{91}$	$\frac{25}{91}$	$\Phi_{2002}\ \Phi_{1001}\ \Phi_{286}\ \Phi_{182}\ \Phi_{154}\ \Phi_{143}\ \Phi_{77}\ \Phi_{26}\ \Phi_{14}$
151499	1890	1889	$\frac{98}{1889}$	$\frac{199}{1889}$	$\frac{338}{1889}$	$\frac{517}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151500	1890	2014	$\frac{1}{19}$	$\frac{11}{106}$	$\frac{19}{106}$	$\frac{29}{106}$	$\Phi_{2014}\ \Phi_{1007}\ \Phi_{38}$
151501	1890	2040	$\frac{1}{15}$	$\frac{11}{136}$	$\frac{25}{136}$	$\frac{37}{136}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{120}\ \Phi_{102}\ \Phi_{85}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
151502	1890	1889	$\frac{124}{1889}$	$\frac{153}{1889}$	$\frac{353}{1889}$	$\frac{512}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151503	1890	2640	$\frac{1}{55}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
151504	1890	2110	$\frac{11}{211}$	$\frac{1}{10}$	$\frac{40}{211}$	$\frac{57}{211}$	$\Phi_{2110}\ \Phi_{1055}\ \Phi_{422}$
151505	1890	1889	$\frac{94}{1889}$	$\frac{197}{1889}$	$\frac{359}{1889}$	$\frac{510}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151506	1890	1889	$\frac{79}{1889}$	$\frac{230}{1889}$	$\frac{362}{1889}$	$\frac{509}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151507	1890	2168	$\frac{11}{271}$	$\frac{1}{8}$	$\frac{52}{271}$	$\frac{73}{271}$	$\Phi_{2168}\ \Phi_{1084}\ \Phi_{542}$
151508	1890	2212	$\frac{11}{316}$	$\frac{1}{7}$	$\frac{61}{316}$	$\frac{85}{316}$	$\Phi_{2212}\ \Phi_{1106}\ \Phi_{553}\ \Phi_{28}\ \Phi_{14}$
151509	1890	1889	$\frac{34}{1889}$	$\frac{371}{1889}$	$\frac{461}{1889}$	$\frac{506}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151510	1890	2524	$\frac{11}{631}$	$\frac{124}{631}$	$\frac{1}{4}$	$\frac{169}{631}$	$\Phi_{2524}\ \Phi_{1262}$
151511	1890	284	$\frac{1}{71}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{284}^{7}\ \Phi_{142}^{7}\ \Phi_{71}^{6}$
151512	1890	836	$\frac{4}{209}$	$\frac{41}{209}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{836}^{2}\ \Phi_{418}^{2}\ \Phi_{209}^{3}\ \Phi_{76}^{2}\ \Phi_{44}^{2}\ \Phi_{38}^{2}\ \Phi_{22}^{2}\ \Phi_{19}^{3}\ \Phi_{11}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
151513	1890	516	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{516}^{4}\,\Phi_{258}^{5}\,\Phi_{172}^{2}\,\Phi_{129}^{5}\,\Phi_{86}^{3}\,\Phi_{43}^{2}$
151514	1890	836	$\frac{5}{209}$	$\frac{34}{209}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{836}^{2}\,\Phi_{418}^{2}\,\Phi_{209}^{3}\,\Phi_{76}^{2}\,\Phi_{44}^{2}\,\Phi_{38}^{2}\,\Phi_{22}^{2}\,\Phi_{19}^{3}\,\Phi_{11}^{3}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
151515	1890	252	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{252}^{9}\,\Phi_{126}^{9}\,\Phi_{84}^{9}\,\Phi_{63}^{9}\,\Phi_{42}^{9}\,\Phi_{28}^{7}\,\Phi_{21}^{9}\,\Phi_{14}^{7}\,\Phi_{7}^{6}$
151516	1890	836	$\frac{6}{209}$	$\frac{29}{209}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{836}^{2}\,\Phi_{418}^{2}\,\Phi_{209}^{3}\,\Phi_{76}^{2}\,\Phi_{44}^{2}\,\Phi_{38}^{2}\,\Phi_{22}^{2}\,\Phi_{19}^{3}\,\Phi_{11}^{3}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
151517	1890	248	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{248}^{9}\,\Phi_{124}^{7}\,\Phi_{62}^{7}\,\Phi_{31}^{6}$
151518	1890	836	$\frac{9}{209}$	$\frac{20}{209}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{836}^{2}\,\Phi_{418}^{2}\,\Phi_{209}^{3}\,\Phi_{76}^{2}\,\Phi_{44}^{2}\,\Phi_{38}^{2}\,\Phi_{22}^{2}\,\Phi_{19}^{3}\,\Phi_{11}^{3}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
151519	1890	44	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{44}^{38}\,\Phi_{22}^{48}\,\Phi_{11}^{47}\,\Phi_{4}^{40}\,\Phi_{2}^{50}\,\Phi_{1}^{50}$
151520	1890	76	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{76}^{22}\,\Phi_{38}^{28}\,\Phi_{19}^{27}\,\Phi_{4}^{24}\,\Phi_{2}^{30}\,\Phi_{1}^{30}$
151521	1890	836	$\frac{13}{209}$	$\frac{14}{209}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{836}^{2}\,\Phi_{418}^{2}\,\Phi_{209}^{3}\,\Phi_{76}^{2}\,\Phi_{44}^{2}\,\Phi_{38}^{2}\,\Phi_{22}^{2}\,\Phi_{19}^{3}\,\Phi_{11}^{3}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
151522	1890	240	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{240}^{9}\,\Phi_{120}^{9}\,\Phi_{80}^{9}\,\Phi_{60}^{7}\,\Phi_{48}^{9}\,\Phi_{40}^{9}\,\Phi_{30}^{7}\,\Phi_{24}^{9}\,\Phi_{20}^{7}\,\Phi_{15}^{6}\,\Phi_{12}^{7}\,\Phi_{10}^{7}\,\Phi_{6}^{7}\,\Phi_{5}^{6}\,\Phi_{3}^{6}$
151523	1890	2912	$\frac{3}{104}$	$\frac{1}{7}$	$\frac{101}{416}$	$\frac{1}{4}$	$\Phi_{2912}\,\Phi_{1456}\,\Phi_{224}\,\Phi_{112}\,\Phi_{28}\,\Phi_{14}$
151524	1890	460	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{11}{46}$	$\frac{1}{4}$	$\Phi_{460}^{6}\,\Phi_{230}^{3}\,\Phi_{115}^{3}\,\Phi_{92}^{3}\,\Phi_{46}^{2}\,\Phi_{23}\,\Phi_{20}^{8}\,\Phi_{10}^{4}\,\Phi_{5}^{4}\,\Phi_{4}^{4}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
151525	1890	2640	$\frac{1}{15}$	$\frac{3}{44}$	$\frac{41}{176}$	$\frac{1}{4}$	$\Phi_{2640}\,\Phi_{1320}\,\Phi_{880}\,\Phi_{528}\,\Phi_{440}\,\Phi_{264}\,\Phi_{240}\,\Phi_{120}\,\Phi_{80}\,\Phi_{60}\,\Phi_{48}\,\Phi_{40}\,\Phi_{30}\,\Phi_{24}\,\Phi_{20}\,\Phi_{12}\,\Phi_{10}\,\Phi_{6}$
151526	1890	2480	$\frac{1}{31}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{2480}\,\Phi_{1240}\,\Phi_{496}\,\Phi_{248}\,\Phi_{124}\,\Phi_{62}$
151527	1890	780	$\frac{2}{65}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{780}^{4}\,\Phi_{390}^{2}\,\Phi_{260}^{2}\,\Phi_{195}^{2}\,\Phi_{156}^{4}\,\Phi_{78}^{2}\,\Phi_{65}^{2}\,\Phi_{60}^{2}\,\Phi_{52}^{2}\,\Phi_{39}^{2}\,\Phi_{30}\,\Phi_{20}\,\Phi_{15}\,\Phi_{13}^{2}\,\Phi_{12}^{4}\,\Phi_{6}^{2}\,\Phi_{5}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
151528	1890	3100	$\frac{1}{31}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{3100}\,\Phi_{1550}\,\Phi_{124}\,\Phi_{62}$
151529	1890	364	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{5}{26}$	$\frac{1}{4}$	$\Phi_{364}^{8}\,\Phi_{182}^{4}\,\Phi_{91}^{4}\,\Phi_{28}^{9}\,\Phi_{14}^{5}\,\Phi_{7}^{4}$
151530	1890	2524	$\frac{26}{631}$	$\frac{85}{631}$	$\frac{121}{631}$	$\frac{1}{4}$	$\Phi_{2524}\,\Phi_{1262}$
151531	1890	712	$\frac{4}{89}$	$\frac{1}{8}$	$\frac{17}{89}$	$\frac{1}{4}$	$\Phi_{712}^{3}\,\Phi_{356}^{2}\,\Phi_{178}^{2}\,\Phi_{89}^{3}\,\Phi_{8}^{6}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
151532	1890	2524	$\frac{31}{631}$	$\frac{73}{631}$	$\frac{120}{631}$	$\frac{1}{4}$	$\Phi_{2524}\,\Phi_{1262}$
151533	1890	1380	$\frac{4}{69}$	$\frac{1}{10}$	$\frac{13}{69}$	$\frac{1}{4}$	$\Phi_{1380}^{2}\,\Phi_{690}\,\Phi_{460}^{2}\,\Phi_{345}\,\Phi_{276}\,\Phi_{230}\,\Phi_{115}\,\Phi_{92}\,\Phi_{69}\,\Phi_{60}^{2}\,\Phi_{30}\,\Phi_{23}\,\Phi_{20}^{4}\,\Phi_{15}\,\Phi_{12}\,\Phi_{10}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
151534	1890	2524	$\frac{41}{631}$	$\frac{57}{631}$	$\frac{118}{631}$	$\frac{1}{4}$	$\Phi_{2524}\,\Phi_{1262}$
151535	1890	660	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{4}$	$\Phi_{660}^{4}\,\Phi_{330}^{4}\,\Phi_{220}^{4}\,\Phi_{132}^{4}\,\Phi_{110}^{4}\,\Phi_{66}^{4}\,\Phi_{60}^{5}\,\Phi_{30}^{5}\,\Phi_{20}^{5}\,\Phi_{12}^{5}\,\Phi_{10}^{5}\,\Phi_{6}^{5}$
151536	1890	2524	$\frac{37}{631}$	$\frac{66}{631}$	$\frac{113}{631}$	$\frac{1}{4}$	$\Phi_{2524}\,\Phi_{1262}$
151537	1890	1292	$\frac{1}{19}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{1292}^{2}\,\Phi_{646}^{2}\,\Phi_{76}^{3}\,\Phi_{38}^{3}$
151538	1890	2524	$\frac{29}{631}$	$\frac{86}{631}$	$\frac{109}{631}$	$\frac{1}{4}$	$\Phi_{2524}\,\Phi_{1262}$
151539	1890	1276	$\frac{1}{22}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\Phi_{1276}^{2}\,\Phi_{638}\,\Phi_{319}\,\Phi_{116}\,\Phi_{44}^{4}\,\Phi_{29}\,\Phi_{22}^{2}\,\Phi_{11}^{2}\,\Phi_{4}^{2}\,\Phi_{1}^{2}$
151540	1890	2524	$\frac{25}{631}$	$\frac{101}{631}$	$\frac{106}{631}$	$\frac{1}{4}$	$\Phi_{2524}\,\Phi_{1262}$
151541	1890	300	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{300}^{10}\,\Phi_{150}^{5}\,\Phi_{100}^{5}\,\Phi_{75}^{5}\,\Phi_{60}^{10}\,\Phi_{30}^{5}\,\Phi_{25}^{5}\,\Phi_{20}^{5}\,\Phi_{15}^{5}\,\Phi_{12}^{12}\,\Phi_{6}^{6}\,\Phi_{5}^{5}\,\Phi_{4}^{6}\,\Phi_{3}^{6}\,\Phi_{1}^{6}$
151542	1890	924	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{924}^{4}\,\Phi_{462}^{2}\,\Phi_{308}^{2}\,\Phi_{231}^{2}\,\Phi_{154}\,\Phi_{84}^{2}\,\Phi_{77}\,\Phi_{42}\,\Phi_{28}\,\Phi_{21}\,\Phi_{14}$
151543	1890	1500	$\frac{6}{125}$	$\frac{17}{125}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1500}^{2}\,\Phi_{750}\,\Phi_{500}\,\Phi_{375}\,\Phi_{300}^{2}\,\Phi_{150}\,\Phi_{125}\,\Phi_{100}\,\Phi_{75}\,\Phi_{60}^{2}\,\Phi_{30}\,\Phi_{25}\,\Phi_{20}\,\Phi_{15}\,\Phi_{12}^{4}\,\Phi_{6}^{2}\,\Phi_{5}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
151544	1890	456	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{456}^{6}\,\Phi_{228}^{4}\,\Phi_{152}^{3}\,\Phi_{114}^{5}\,\Phi_{76}^{2}\,\Phi_{57}^{5}\,\Phi_{38}^{3}\,\Phi_{19}^{2}$
151545	1890	1500	$\frac{8}{125}$	$\frac{13}{125}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1500}^{2}\,\Phi_{750}\,\Phi_{500}\,\Phi_{375}\,\Phi_{300}^{2}\,\Phi_{150}\,\Phi_{125}\,\Phi_{100}\,\Phi_{75}\,\Phi_{60}^{2}\,\Phi_{30}\,\Phi_{25}\,\Phi_{20}\,\Phi_{15}\,\Phi_{12}^{4}\,\Phi_{6}^{2}\,\Phi_{5}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$
151546	1890	60	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{60}^{41}\,\Phi_{30}^{21}\,\Phi_{20}^{43}\,\Phi_{15}^{20}\,\Phi_{12}^{43}\,\Phi_{10}^{22}\,\Phi_{6}^{22}\,\Phi_{5}^{21}\,\Phi_{4}^{44}\,\Phi_{3}^{21}\,\Phi_{2}^{22}\,\Phi_{1}^{22}$
151547	1890	712	$\frac{5}{89}$	$\frac{1}{8}$	$\frac{14}{89}$	$\frac{1}{4}$	$\Phi_{712}^{3}\,\Phi_{356}^{2}\,\Phi_{178}^{2}\,\Phi_{89}^{3}\,\Phi_{8}^{6}\,\Phi_{4}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{6}$
151548	1890	2524	$\frac{37}{631}$	$\frac{76}{631}$	$\frac{99}{631}$	$\frac{1}{4}$	$\Phi_{2524}\,\Phi_{1262}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
151549	1890	656	$\frac{1}{16}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{4}$	$\Phi_{656}^{3}\ \Phi_{328}^{3}\ \Phi_{164}^{2}\ \Phi_{82}^{2}\ \Phi_{41}^{3}\ \Phi_{16}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
151550	1890	2524	$\frac{36}{631}$	$\frac{85}{631}$	$\frac{91}{631}$	$\frac{1}{4}$	$\Phi_{2524}\ \Phi_{1262}$
151551	1890	364	$\frac{3}{52}$	$\frac{7}{52}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{364}^{6}\ \Phi_{182}^{6}\ \Phi_{91}^{6}\ \Phi_{28}^{7}\ \Phi_{14}^{7}\ \Phi_{7}^{6}$
151552	1890	112	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{112}^{21}\ \Phi_{56}^{18}\ \Phi_{28}^{19}\ \Phi_{14}^{19}\ \Phi_{7}^{18}$
151553	1890	1092	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{1092}^{3}\ \Phi_{546}^{3}\ \Phi_{364}^{2}\ \Phi_{182}^{2}\ \Phi_{84}^{3}\ \Phi_{42}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}$
151554	1890	460	$\frac{2}{23}$	$\frac{1}{10}$	$\frac{3}{23}$	$\frac{1}{4}$	$\Phi_{460}^{6}\ \Phi_{230}^{3}\ \Phi_{115}^{3}\ \Phi_{92}^{3}\ \Phi_{23}^{3}\ \Phi_{20}^{8}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
151555	1890	2524	$\frac{57}{631}$	$\frac{61}{631}$	$\frac{82}{631}$	$\frac{1}{4}$	$\Phi_{2524}\ \Phi_{1262}$
151556	1890	1364	$\frac{1}{11}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{4}$	$\Phi_{1364}^{2}\ \Phi_{682}^{2}\ \Phi_{44}^{3}\ \Phi_{22}^{3}$
151557	1890	2524	$\frac{55}{631}$	$\frac{64}{631}$	$\frac{81}{631}$	$\frac{1}{4}$	$\Phi_{2524}\ \Phi_{1262}$
151558	1890	712	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{712}^{3}\ \Phi_{356}^{2}\ \Phi_{178}^{2}\ \Phi_{89}^{3}\ \Phi_{8}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
151559	1890	440	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{440}^{6}\ \Phi_{220}^{4}\ \Phi_{110}^{5}\ \Phi_{88}^{3}\ \Phi_{55}^{5}\ \Phi_{44}^{2}\ \Phi_{22}^{3}\ \Phi_{11}^{2}$
151560	1890	480	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{7}{32}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{4}\ \Phi_{120}^{5}\ \Phi_{96}^{4}\ \Phi_{80}^{4}\ \Phi_{60}^{5}\ \Phi_{48}^{4}\ \Phi_{40}^{5}\ \Phi_{30}^{5}\ \Phi_{24}^{5}\ \Phi_{20}^{5}$ $\Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{5}\ \Phi_{5}^{4}\ \Phi_{3}^{4}$
151561	1890	616	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{616}^{4}\ \Phi_{308}^{4}\ \Phi_{154}\ \Phi_{88}^{4}\ \Phi_{77}\ \Phi_{56}^{2}\ \Phi_{44}^{4}\ \Phi_{28}^{2}\ \Phi_{14}\ \Phi_{8}^{2}\ \Phi_{4}^{2}$
151562	1890	880	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{80}$	$\Phi_{880}^{3}\ \Phi_{440}^{3}\ \Phi_{176}^{3}\ \Phi_{110}\ \Phi_{88}^{3}\ \Phi_{55}\ \Phi_{22}$
151563	1890	510	$\frac{1}{15}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{34}$	$\Phi_{510}^{5}\ \Phi_{255}^{3}\ \Phi_{170}^{5}\ \Phi_{102}^{5}\ \Phi_{85}^{3}\ \Phi_{51}^{3}\ \Phi_{30}^{5}\ \Phi_{15}^{2}\ \Phi_{10}^{5}\ \Phi_{6}^{5}\ \Phi_{5}^{2}\ \Phi_{3}^{2}$
151564	1890	2225	$\frac{4}{89}$	$\frac{4}{25}$	$\frac{17}{89}$	$\frac{1}{5}$	$\Phi_{2225}\ \Phi_{89}\ \Phi_{25}^{2}\ \Phi_{1}^{2}$
151565	1890	2850	$\frac{1}{19}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2850}\ \Phi_{1425}\ \Phi_{950}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
151566	1890	2225	$\frac{5}{89}$	$\frac{14}{89}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{2225}\ \Phi_{89}\ \Phi_{25}^{2}\ \Phi_{1}^{2}$
151567	1890	2800	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{2800}\ \Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
151568	1890	2225	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{2225}\ \Phi_{89}\ \Phi_{25}^{2}\ \Phi_{1}^{2}$
151569	1890	550	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{550}^{5}\ \Phi_{275}^{4}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
151570	1890	451	$\frac{1}{11}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{2}{11}$	$\Phi_{451}^{4}\ \Phi_{41}^{5}\ \Phi_{11}^{8}\ \Phi_{1}^{10}$
151571	1890	616	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{11}$	$\Phi_{616}^{4}\ \Phi_{308}^{4}\ \Phi_{154}^{4}\ \Phi_{56}^{5}\ \Phi_{28}^{5}\ \Phi_{14}^{5}$
151572	1890	1889	$\frac{179}{1889}$	$\frac{221}{1889}$	$\frac{278}{1889}$	$\frac{342}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151573	1890	2168	$\frac{26}{271}$	$\frac{1}{8}$	$\frac{37}{271}$	$\frac{49}{271}$	$\Phi_{2168}\ \Phi_{1084}\ \Phi_{542}$
151574	1890	1889	$\frac{184}{1889}$	$\frac{233}{1889}$	$\frac{258}{1889}$	$\frac{341}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151575	1890	2212	$\frac{31}{316}$	$\frac{37}{316}$	$\frac{1}{7}$	$\frac{57}{316}$	$\Phi_{2212}\ \Phi_{1106}\ \Phi_{553}\ \Phi_{28}\ \Phi_{14}$
151576	1890	901	$\frac{5}{53}$	$\frac{2}{17}$	$\frac{8}{53}$	$\frac{3}{17}$	$\Phi_{901}^{2}\ \Phi_{53}^{3}\ \Phi_{17}^{4}\ \Phi_{1}^{6}$
151577	1890	1190	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{3}{17}$	$\Phi_{1190}^{2}\ \Phi_{595}^{2}\ \Phi_{238}^{2}\ \Phi_{70}^{3}\ \Phi_{35}^{3}\ \Phi_{14}^{3}$
151578	1890	1889	$\frac{173}{1889}$	$\frac{229}{1889}$	$\frac{286}{1889}$	$\frac{332}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151579	1890	2110	$\frac{1}{10}$	$\frac{26}{211}$	$\frac{29}{211}$	$\frac{37}{211}$	$\Phi_{2110}\ \Phi_{1055}\ \Phi_{422}$
151580	1890	1889	$\frac{181}{1889}$	$\frac{244}{1889}$	$\frac{260}{1889}$	$\frac{329}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151581	1890	2212	$\frac{29}{316}$	$\frac{41}{316}$	$\frac{1}{7}$	$\frac{55}{316}$	$\Phi_{2212}\ \Phi_{1106}\ \Phi_{553}\ \Phi_{28}\ \Phi_{14}$
151582	1890	899	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{4}{29}$	$\frac{5}{29}$	$\Phi_{899}^{2}\ \Phi_{31}^{4}\ \Phi_{29}^{3}\ \Phi_{1}^{6}$
151583	1890	1160	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{4}{29}$	$\frac{5}{29}$	$\Phi_{1160}^{2}\ \Phi_{580}^{2}\ \Phi_{290}\ \Phi_{232}\ \Phi_{145}\ \Phi_{116}\ \Phi_{40}^{4}\ \Phi_{29}\ \Phi_{20}^{4}\ \Phi_{10}^{2}\ \Phi_{8}^{2}$ $\Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
151584	1890	1889	$\frac{174}{1889}$	$\frac{245}{1889}$	$\frac{274}{1889}$	$\frac{323}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$
151585	1890	2110	$\frac{1}{10}$	$\frac{25}{211}$	$\frac{31}{211}$	$\frac{36}{211}$	$\Phi_{2110}\ \Phi_{1055}\ \Phi_{422}$
151586	1890	1889	$\frac{185}{1889}$	$\frac{224}{1889}$	$\frac{284}{1889}$	$\frac{321}{1889}$	$\Phi_{1889}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
151587	1890	2168	$\frac{25}{271}$	$\frac{1}{8}$	$\frac{41}{271}$	$\frac{46}{271}$	$\Phi_{2168}\ \Phi_{1084}\ \Phi_{542}$
151588	1890	1272	$\frac{5}{53}$	$\frac{1}{8}$	$\frac{8}{53}$	$\frac{1}{6}$	$\Phi_{1272}^2\ \Phi_{636}^2\ \Phi_{424}\ \Phi_{318}\ \Phi_{212}\ \Phi_{159}\ \Phi_{53}\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
151589	1890	2274	$\frac{37}{379}$	$\frac{46}{379}$	$\frac{57}{379}$	$\frac{1}{6}$	$\Phi_{2274}\ \Phi_{1137}\ \Phi_{758}$
151590	1890	1230	$\frac{1}{10}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{6}$	$\Phi_{1230}^2\ \Phi_{615}^2\ \Phi_{410}\ \Phi_{246}\ \Phi_{205}\ \Phi_{123}\ \Phi_{41}\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
151591	1890	2274	$\frac{36}{379}$	$\frac{49}{379}$	$\frac{55}{379}$	$\frac{1}{6}$	$\Phi_{2274}\ \Phi_{1137}\ \Phi_{758}$
151592	1890	1302	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{1302}^2\ \Phi_{651}^2\ \Phi_{434}^2\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{14}^3$
151593	1890	840	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{840}^4\ \Phi_{420}^4\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
151594	1891	3024	$\frac{1}{378}$	$\frac{379}{1512}$	$\frac{1133}{3024}$	$\frac{377}{756}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{756}\ \Phi_{432}\ \Phi_{336}\ \Phi_{252}\ \Phi_{144}\ \Phi_{112}\ \Phi_{108}\ \Phi_{84}\ \Phi_{48}\ \Phi_{36}\ \Phi_{28}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
151595	1891	3240	$\frac{1}{270}$	$\frac{271}{1620}$	$\frac{1349}{3240}$	$\frac{269}{540}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{540}\ \Phi_{360}\ \Phi_{216}\ \Phi_{180}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{60}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
151596	1891	3768	$\frac{7}{1884}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1877}{3768}$	$\Phi_{3768}\ \Phi_{1256}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
151597	1891	3360	$\frac{1}{210}$	$\frac{211}{1680}$	$\frac{1469}{3360}$	$\frac{209}{420}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{420}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{96}\ \Phi_{84}\ \Phi_{60}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
151598	1891	2520	$\frac{1}{210}$	$\frac{629}{2520}$	$\frac{211}{840}$	$\frac{209}{420}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
151599	1891	3760	$\frac{11}{1880}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1869}{3760}$	$\Phi_{3760}\ \Phi_{752}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
151600	1891	3528	$\frac{1}{126}$	$\frac{127}{1764}$	$\frac{1637}{3528}$	$\frac{125}{252}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{392}\ \Phi_{252}\ \Phi_{168}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
151601	1891	3752	$\frac{15}{1876}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{1861}{3752}$	$\Phi_{3752}\ \Phi_{536}\ \Phi_{56}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
151602	1891	3744	$\frac{19}{1872}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{1853}{3744}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{96}\ \Phi_{36}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$
151603	1891	3744	$\frac{19}{1872}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1853}{3744}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
151604	1891	3600	$\frac{1}{90}$	$\frac{91}{1800}$	$\frac{1709}{3600}$	$\frac{89}{180}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{36}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
151605	1891	2700	$\frac{1}{90}$	$\frac{91}{900}$	$\frac{809}{2700}$	$\frac{89}{180}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
151606	1891	2160	$\frac{1}{90}$	$\frac{269}{2160}$	$\frac{91}{360}$	$\frac{89}{180}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{80}\ \Phi_{60}\ \Phi_{54}\ \Phi_{48}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
151607	1891	3640	$\frac{1}{70}$	$\frac{71}{1820}$	$\frac{1749}{3640}$	$\frac{69}{140}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{280}\ \Phi_{140}\ \Phi_{104}\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
151608	1891	120	$\frac{1}{60}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{59}{120}$	$\Phi_{120}^{31}\ \Phi_{60}\ \Phi_{40}^{31}\ \Phi_{24}^{31}\ \Phi_{20}\ \Phi_{12}\ \Phi_8^{31}\ \Phi_4\ \Phi_1$
151609	1891	1320	$\frac{1}{60}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{59}{120}$	$\Phi_{1320}^3\ \Phi_{440}^3\ \Phi_{264}^3\ \Phi_{120}\ \Phi_{88}^3\ \Phi_{40}\ \Phi_{33}\ \Phi_{24}\ \Phi_{11}\ \Phi_8\ \Phi_1$
151610	1891	360	$\frac{1}{60}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{59}{120}$	$\Phi_{360}^{15}\ \Phi_{120}\ \Phi_{72}^{15}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
151611	1891	120	$\frac{1}{60}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{59}{120}$	$\Phi_{120}^{11}\ \Phi_{60}^{20}\ \Phi_{40}^{12}\ \Phi_{30}^{20}\ \Phi_{24}^{11}\ \Phi_{20}^{21}\ \Phi_{15}^{20}\ \Phi_{12}^{20}\ \Phi_{10}^{20}\ \Phi_8^{12}\ \Phi_6^{20}\ \Phi_5^{20}\ \Phi_4^{21}\ \Phi_3^{20}\ \Phi_2^{20}\ \Phi_1^{21}$
151612	1891	840	$\frac{1}{60}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{59}{120}$	$\Phi_{840}^5\ \Phi_{280}^5\ \Phi_{168}^5\ \Phi_{120}\ \Phi_{56}^5\ \Phi_{40}\ \Phi_{35}\ \Phi_{24}\ \Phi_8\ \Phi_7\ \Phi_1$
151613	1891	360	$\frac{1}{60}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{59}{120}$	$\Phi_{360}^{12}\ \Phi_{120}^7\ \Phi_{72}^{12}\ \Phi_{40}^7\ \Phi_{36}\ \Phi_{24}^7\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8^7\ \Phi_4\ \Phi_1$
151614	1891	3672	$\frac{1}{54}$	$\frac{55}{1836}$	$\frac{1781}{3672}$	$\frac{53}{108}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{216}\ \Phi_{136}\ \Phi_{108}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
151615	1891	3700	$\frac{41}{1850}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1809}{3700}$	$\Phi_{3700}\ \Phi_{740}\ \Phi_{148}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
151616	1891	3696	$\frac{43}{1848}$	$\frac{1}{42}$	$\frac{41}{84}$	$\frac{1805}{3696}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
151617	1891	3696	$\frac{43}{1848}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1805}{3696}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
151618	1891	2280	$\frac{9}{380}$	$\frac{1}{10}$	$\frac{389}{2280}$	$\frac{371}{760}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}\ \Phi_{120}\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{38}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
151619	1891	2772	$\frac{1}{42}$	$\frac{43}{924}$	$\frac{881}{2772}$	$\frac{41}{84}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{84}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
151620	1891	2016	$\frac{1}{42}$	$\frac{125}{2016}$	$\frac{43}{168}$	$\frac{41}{84}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
151621	1891	1260	$\frac{2}{63}$	$\frac{1}{30}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{1260}^3\ \Phi_{420}^3\ \Phi_{252}^3\ \Phi_{180}^3\ \Phi_{140}^3\ \Phi_{84}^3\ \Phi_{63}\ \Phi_{60}\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
151622	1891	180	$\frac{1}{30}$	$\frac{1}{30}$	$\frac{29}{90}$	$\frac{29}{60}$	$\Phi_{180}^{30}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}^{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
151623	1891	960	$\frac{1}{30}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^3\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
151624	1891	240	$\frac{1}{30}$	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{29}{60}$	$\Phi_{240}^{10}\ \Phi_{120}^{10}\ \Phi_{80}^{11}\ \Phi_{60}\ \Phi_{48}^{10}\ \Phi_{40}^{11}\ \Phi_{24}^{10}\ \Phi_{20}\ \Phi_{16}^{11}\ \Phi_{12}\ \Phi_{8}^{11}\ \Phi_{4}\ \Phi_{1}$
151625	1891	780	$\frac{1}{30}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{29}{60}$	$\Phi_{780}^5\ \Phi_{260}^5\ \Phi_{156}^5\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}^5\ \Phi_{20}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
151626	1891	300	$\frac{1}{30}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{29}{60}$	$\Phi_{300}^{15}\ \Phi_{100}^{15}\ \Phi_{75}\ \Phi_{60}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
151627	1891	660	$\frac{1}{30}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{29}{60}$	$\Phi_{660}^6\ \Phi_{220}^6\ \Phi_{132}^6\ \Phi_{66}\ \Phi_{60}\ \Phi_{44}^6\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
151628	1891	360	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{29}{60}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^6\ \Phi_{90}^6\ \Phi_{72}^7\ \Phi_{60}\ \Phi_{45}^6\ \Phi_{40}^6\ \Phi_{36}^7\ \Phi_{24}^7\ \Phi_{20}\ \Phi_{18}^7\ \Phi_{12}\ \Phi_{9}^7\ \Phi_{8}^7\ \Phi_{4}\ \Phi_{1}$
151629	1891	420	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{29}{60}$	$\Phi_{420}^{10}\ \Phi_{140}^{10}\ \Phi_{84}^{10}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{28}^{10}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
151630	1891	3600	$\frac{1}{30}$	$\frac{91}{1800}$	$\frac{29}{120}$	$\frac{1709}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
151631	1891	3600	$\frac{91}{1800}$	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1709}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
151632	1891	3584	$\frac{99}{1792}$	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1693}{3584}$	$\Phi_{3584}\ \Phi_{512}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
151633	1891	2808	$\frac{19}{936}$	$\frac{1}{18}$	$\frac{917}{2808}$	$\frac{17}{36}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
151634	1891	1944	$\frac{53}{1944}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
151635	1891	2340	$\frac{19}{468}$	$\frac{1}{18}$	$\frac{449}{2340}$	$\frac{17}{36}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{130}\ \Phi_{90}\ \Phi_{65}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
151636	1891	2016	$\frac{1}{18}$	$\frac{125}{2016}$	$\frac{19}{144}$	$\frac{17}{36}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
151637	1891	3564	$\frac{1}{54}$	$\frac{109}{1782}$	$\frac{53}{162}$	$\frac{1673}{3564}$	$\Phi_{3564}\ \Phi_{1188}\ \Phi_{396}\ \Phi_{324}\ \Phi_{162}\ \Phi_{132}\ \Phi_{108}\ \Phi_{81}\ \Phi_{44}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
151638	1891	3528	$\frac{1}{21}$	$\frac{127}{1764}$	$\frac{20}{147}$	$\frac{1637}{3528}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{392}\ \Phi_{168}\ \Phi_{147}\ \Phi_{72}\ \Phi_{56}\ \Phi_{49}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
151639	1891	2184	$\frac{1}{21}$	$\frac{20}{273}$	$\frac{293}{2184}$	$\frac{253}{546}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{364}\ \Phi_{312}\ \Phi_{273}\ \Phi_{168}\ \Phi_{156}\ \Phi_{104}\ \Phi_{91}\ \Phi_{84}\ \Phi_{56}\ \Phi_{52}\ \Phi_{39}\ \Phi_{28}\ \Phi_{24}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
151640	1891	3500	$\frac{1}{35}$	$\frac{141}{1750}$	$\frac{34}{175}$	$\frac{1609}{3500}$	$\Phi_{3500}\ \Phi_{700}\ \Phi_{500}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
151641	1891	2592	$\frac{1}{54}$	$\frac{53}{648}$	$\frac{701}{2592}$	$\frac{595}{1296}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{648}\ \Phi_{324}\ \Phi_{288}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{96}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
151642	1891	2310	$\frac{1}{35}$	$\frac{34}{385}$	$\frac{419}{2310}$	$\frac{351}{770}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{385}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}\ \Phi_{66}\ \Phi_{55}\ \Phi_{42}\ \Phi_{33}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
151643	1891	2000	$\frac{109}{2000}$	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{200}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{125}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
151644	1891	3456	$\frac{1}{54}$	$\frac{163}{1728}$	$\frac{53}{216}$	$\frac{1565}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{216}\ \Phi_{128}\ \Phi_{108}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
151645	1891	2820	$\frac{11}{940}$	$\frac{1}{10}$	$\frac{929}{2820}$	$\frac{9}{20}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{705}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
151646	1891	1920	$\frac{29}{1920}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
151647	1891	3420	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{181}{1710}$	$\frac{1529}{3420}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{228}\ \Phi_{190}\ \Phi_{180}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{38}\ \Phi_{36}\ \Phi_{20}\ \Phi_{19}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
151648	1891	1736	$\frac{1}{62}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{1736}^2\ \Phi_{248}^2\ \Phi_{124}^2\ \Phi_{62}\ \Phi_{56}\ \Phi_{31}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
151649	1891	504	$\frac{2}{63}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{504}^7\ \Phi_{168}^7\ \Phi_{72}^7\ \Phi_{63}^3\ \Phi_{56}^5\ \Phi_{24}^7\ \Phi_{21}^3\ \Phi_{9}^3\ \Phi_{8}^5\ \Phi_{7}^2\ \Phi_{3}^3\ \Phi_{1}^3$
151650	1891	2016	$\frac{125}{2016}$	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{99}{224}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
151651	1891	3360	$\frac{1}{70}$	$\frac{211}{1680}$	$\frac{69}{280}$	$\frac{1469}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{96}\ \Phi_{56}\ \Phi_{40}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
151652	1891	3360	$\frac{1}{30}$	$\frac{29}{240}$	$\frac{211}{1680}$	$\frac{1469}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{240}\ \Phi_{224}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
151653	1891	3332	$\frac{13}{238}$	$\frac{1}{14}$	$\frac{225}{1666}$	$\frac{1441}{3332}$	$\Phi_{3332}\ \Phi_{476}\ \Phi_{238}\ \Phi_{196}\ \Phi_{119}\ \Phi_{68}\ \Phi_{34}\ \Phi_{28}\ \Phi_{17}\ \Phi_{4}\ \Phi_{1}$
151654	1891	2058	$\frac{1}{21}$	$\frac{167}{2058}$	$\frac{20}{147}$	$\frac{127}{294}$	$\Phi_{2058}\ \Phi_{1029}\ \Phi_{686}\ \Phi_{343}\ \Phi_{147}\ \Phi_{49}\ \Phi_{1}$
151655	1891	315	$\frac{2}{63}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{315}^7\ \Phi_{105}^7\ \Phi_{63}^3\ \Phi_{45}^7\ \Phi_{35}^5\ \Phi_{21}^3\ \Phi_{15}^7\ \Phi_{9}^3\ \Phi_{7}^2\ \Phi_{5}^5\ \Phi_{3}^3\ \Phi_{1}^3$
151656	1891	3276	$\frac{1}{21}$	$\frac{20}{273}$	$\frac{253}{1638}$	$\frac{1385}{3276}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{273}\ \Phi_{252}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{28}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
151657	1891	3240	$\frac{1}{135}$	$\frac{271}{1620}$	$\frac{134}{405}$	$\frac{1349}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{405}\ \Phi_{360}\ \Phi_{216}\ \Phi_{120}\ \Phi_{81}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
151658	1891	3240	$\frac{1}{54}$	$\frac{53}{324}$	$\frac{271}{1620}$	$\frac{1349}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{120}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
151659	1891	2100	$\frac{1}{35}$	$\frac{209}{2100}$	$\frac{34}{175}$	$\frac{141}{350}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}\ \Phi_{25}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
151660	1891	2700	$\frac{1}{135}$	$\frac{134}{675}$	$\frac{809}{2700}$	$\frac{541}{1350}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{675}\ \Phi_{540}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{108}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
151661	1891	65	$\frac{3}{65}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{65}^{29}\ \Phi_{13}^{29}\ \Phi_{5}^{30}\ \Phi_{1}^{31}$
151662	1891	1920	$\frac{29}{1920}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
151663	1891	3080	$\frac{1}{35}$	$\frac{34}{385}$	$\frac{351}{1540}$	$\frac{1189}{3080}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{385}\ \Phi_{280}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{55}\ \Phi_{40}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
151664	1891	3040	$\frac{9}{380}$	$\frac{1}{10}$	$\frac{371}{1520}$	$\frac{1149}{3040}$	$\Phi_{3040}\ \Phi_{608}\ \Phi_{380}\ \Phi_{190}\ \Phi_{160}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}\ \Phi_{32}\ \Phi_{20}\ \Phi_{19}\ \Phi_{4}\ \Phi_{1}$
151665	1891	2160	$\frac{1}{54}$	$\frac{269}{2160}$	$\frac{53}{216}$	$\frac{163}{432}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
151666	1891	2240	$\frac{1}{70}$	$\frac{349}{2240}$	$\frac{69}{280}$	$\frac{211}{560}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{64}\ \Phi_{56}\ \Phi_{40}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
151667	1891	3024	$\frac{1}{126}$	$\frac{125}{504}$	$\frac{379}{1512}$	$\frac{1133}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{432}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
151668	1891	2940	$\frac{1}{70}$	$\frac{69}{490}$	$\frac{421}{1470}$	$\frac{1049}{2940}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{588}\ \Phi_{490}\ \Phi_{420}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{84}\ \Phi_{60}\ \Phi_{49}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
151669	1891	1488	$\frac{1}{62}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1488}^2\ \Phi_{496}^2\ \Phi_{248}^2\ \Phi_{124}^2\ \Phi_{62}\ \Phi_{48}\ \Phi_{31}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
151670	1891	2916	$\frac{1}{54}$	$\frac{53}{486}$	$\frac{433}{1458}$	$\frac{1025}{2916}$	$\Phi_{2916}\ \Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
151671	1891	2880	$\frac{1}{30}$	$\frac{29}{480}$	$\frac{451}{1440}$	$\frac{989}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
151672	1891	2856	$\frac{13}{476}$	$\frac{1}{14}$	$\frac{463}{1428}$	$\frac{965}{2856}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{476}\ \Phi_{408}\ \Phi_{238}\ \Phi_{168}\ \Phi_{136}\ \Phi_{119}\ \Phi_{68}\ \Phi_{56}\ \Phi_{34}\ \Phi_{28}\ \Phi_{24}\ \Phi_{17}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
151673	1891	2844	$\frac{5}{474}$	$\frac{1}{6}$	$\frac{469}{1422}$	$\frac{953}{2844}$	$\Phi_{2844}\ \Phi_{948}\ \Phi_{474}\ \Phi_{316}\ \Phi_{237}\ \Phi_{158}\ \Phi_{79}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
151674	1891	2430	$\frac{1}{135}$	$\frac{539}{2430}$	$\frac{134}{405}$	$\frac{271}{810}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{486}\ \Phi_{405}\ \Phi_{243}\ \Phi_{81}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
151675	1891	693	$\frac{2}{63}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{693}^{3}\ \Phi_{231}^{3}\ \Phi_{99}^{3}\ \Phi_{77}^{3}\ \Phi_{63}\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
151676	1891	990	$\frac{1}{30}$	$\frac{2}{33}$	$\frac{29}{90}$	$\frac{1}{3}$	$\Phi_{990}^{3}\ \Phi_{495}^{3}\ \Phi_{198}^{3}\ \Phi_{99}^{3}\ \Phi_{90}\ \Phi_{45}\ \Phi_{33}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
151677	1891	315	$\frac{2}{63}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{63}^{7}\ \Phi_{45}^{4}\ \Phi_{35}^{6}\ \Phi_{21}^{7}\ \Phi_{15}^{6}\ \Phi_{9}^{5}\ \Phi_{7}^{7}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
151678	1891	2112	$\frac{3}{64}$	$\frac{2}{33}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{88}\ \Phi_{64}\ \Phi_{33}\ \Phi_{32}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
151679	1891	2640	$\frac{1}{20}$	$\frac{2}{33}$	$\frac{19}{80}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{880}\ \Phi_{528}\ \Phi_{440}\ \Phi_{264}\ \Phi_{176}\ \Phi_{88}\ \Phi_{80}\ \Phi_{40}\ \Phi_{33}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
151680	1891	2520	$\frac{2}{63}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{140}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{40}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
151681	1891	315	$\frac{2}{63}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{315}^{6}\ \Phi_{105}^{5}\ \Phi_{63}^{7}\ \Phi_{45}^{6}\ \Phi_{35}^{6}\ \Phi_{21}^{6}\ \Phi_{15}^{6}\ \Phi_{9}^{7}\ \Phi_{7}^{7}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
151682	1891	2145	$\frac{2}{33}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{429}\ \Phi_{143}\ \Phi_{65}\ \Phi_{33}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}$
151683	1891	825	$\frac{2}{33}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{1}{3}$	$\Phi_{825}^{3}\ \Phi_{275}^{3}\ \Phi_{75}\ \Phi_{33}\ \Phi_{25}\ \Phi_{11}\ \Phi_{1}$
151684	1891	252	$\frac{2}{63}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{252}^{9}\ \Phi_{126}^{6}\ \Phi_{84}^{9}\ \Phi_{63}^{7}\ \Phi_{42}^{6}\ \Phi_{36}^{7}\ \Phi_{28}^{9}\ \Phi_{21}^{7}\ \Phi_{18}^{4}\ \Phi_{14}^{6}\ \Phi_{12}^{7}\ \Phi_{9}^{5}\ \Phi_{7}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{7}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
151685	1891	66	$\frac{2}{33}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{66}^{28}\ \Phi_{33}^{29}\ \Phi_{22}^{28}\ \Phi_{11}^{29}\ \Phi_{6}^{30}\ \Phi_{3}^{30}\ \Phi_{2}^{30}\ \Phi_{1}^{31}$
151686	1891	792	$\frac{2}{33}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{3}$	$\Phi_{792}^{3}\ \Phi_{396}^{3}\ \Phi_{264}^{3}\ \Phi_{198}^{3}\ \Phi_{99}^{3}\ \Phi_{88}^{3}\ \Phi_{72}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
151687	1891	2310	$\frac{2}{33}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{385}\ \Phi_{231}\ \Phi_{154}\ \Phi_{77}\ \Phi_{70}\ \Phi_{35}\ \Phi_{33}\ \Phi_{14}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
151688	1891	2808	$\frac{19}{936}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{917}{2808}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
151689	1891	90	$\frac{1}{30}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{29}{90}$	$\Phi_{90}^{16}\ \Phi_{45}^{17}\ \Phi_{30}^{30}\ \Phi_{18}^{16}\ \Phi_{15}^{30}\ \Phi_{10}^{30}\ \Phi_{9}^{17}\ \Phi_{6}^{30}\ \Phi_{5}^{30}\ \Phi_{3}^{30}\ \Phi_{2}^{30}\ \Phi_{1}^{31}$
151690	1891	360	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{29}{90}$	$\Phi_{360}^{10}\ \Phi_{180}^{10}\ \Phi_{90}\ \Phi_{72}^{10}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}^{10}\ \Phi_{20}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
151691	1891	630	$\frac{1}{30}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{29}{90}$	$\Phi_{630}^{5}\ \Phi_{315}^{5}\ \Phi_{126}^{5}\ \Phi_{90}\ \Phi_{63}^{5}\ \Phi_{45}\ \Phi_{35}\ \Phi_{18}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
151692	1891	180	$\frac{1}{30}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{29}{90}$	$\Phi_{180}^{12}\ \Phi_{90}^{7}\ \Phi_{60}^{12}\ \Phi_{45}^{7}\ \Phi_{36}^{13}\ \Phi_{30}^{12}\ \Phi_{20}^{12}\ \Phi_{18}^{8}\ \Phi_{15}^{12}\ \Phi_{12}^{13}\ \Phi_{10}^{12}\ \Phi_{9}^{8}\ \Phi_{6}^{12}\ \Phi_{5}^{12}\ \Phi_{4}^{13}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
151693	1891	2280	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{389}{2280}$	$\frac{181}{570}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{456}\ \Phi_{380}\ \Phi_{228}\ \Phi_{190}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{40}\ \Phi_{38}\ \Phi_{24}\ \Phi_{20}\ \Phi_{19}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
151694	1891	2880	$\frac{3}{64}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{576}\ \Phi_{360}\ \Phi_{288}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{45}\ \Phi_{32}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
151695	1891	720	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{19}{80}$	$\frac{14}{45}$	$\Phi_{720}^{5}\ \Phi_{360}^{5}\ \Phi_{144}^{5}\ \Phi_{80}\ \Phi_{72}^{5}\ \Phi_{45}\ \Phi_{40}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
151696	1891	585	$\frac{4}{65}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{14}{45}$	$\Phi_{585}^{5}\ \Phi_{117}^{5}\ \Phi_{65}\ \Phi_{45}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
151697	1891	225	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{14}{45}$	$\Phi_{225}^{15}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{9}\ \Phi_{1}$
151698	1891	990	$\frac{1}{15}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{14}{45}$	$\Phi_{990}^{3}\ \Phi_{495}^{3}\ \Phi_{198}^{3}\ \Phi_{99}^{3}\ \Phi_{66}\ \Phi_{45}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
151699	1891	360	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{14}{45}$	$\Phi_{360}^{6}\ \Phi_{180}^{3}\ \Phi_{120}^{6}\ \Phi_{90}^{3}\ \Phi_{72}^{7}\ \Phi_{60}^{6}\ \Phi_{45}^{4}\ \Phi_{40}^{6}\ \Phi_{36}^{4}\ \Phi_{30}^{6}\ \Phi_{24}^{7}\ \Phi_{20}^{6}\ \Phi_{18}^{4}\ \Phi_{15}^{6}\ \Phi_{12}^{6}\ \Phi_{10}^{6}\ \Phi_{9}^{5}\ \Phi_{8}^{7}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
151700	1891	630	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{14}{45}$	$\Phi_{630}^{5}\ \Phi_{315}^{5}\ \Phi_{126}^{5}\ \Phi_{70}\ \Phi_{63}^{5}\ \Phi_{45}\ \Phi_{35}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
151701	1891	2457	$\frac{1}{21}$	$\frac{20}{273}$	$\frac{566}{2457}$	$\frac{253}{819}$	$\Phi_{2457}\ \Phi_{351}\ \Phi_{273}\ \Phi_{189}\ \Phi_{91}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_{1}$
151702	1891	2100	$\frac{9}{100}$	$\frac{209}{2100}$	$\frac{1}{10}$	$\frac{91}{300}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{70}\ \Phi_{50}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
151703	1891	2700	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{900}$	$\frac{809}{2700}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{100}\ \Phi_{54}\ \Phi_{50}\ \Phi_{27}\ \Phi_{25}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
151704	1891	2688	$\frac{1}{14}$	$\frac{99}{896}$	$\frac{13}{112}$	$\frac{797}{2688}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
151705	1891	2205	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{314}{2205}$	$\frac{127}{441}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{315}\ \Phi_{245}\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}\ \Phi_{45}\ \Phi_{35}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
151706	1891	2646	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{127}{882}$	$\frac{755}{2646}$	$\Phi_{2646}\ \Phi_{1323}\ \Phi_{378}\ \Phi_{189}\ \Phi_{147}\ \Phi_{54}\ \Phi_{49}\ \Phi_{27}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
151707	1891	2625	$\frac{1}{35}$	$\frac{141}{875}$	$\frac{34}{175}$	$\frac{734}{2625}$	$\Phi_{2625}\ \Phi_{525}\ \Phi_{375}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_3\ \Phi_1$
151708	1891	2592	$\frac{1}{54}$	$\frac{163}{864}$	$\frac{53}{216}$	$\frac{701}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
151709	1891	1944	$\frac{53}{1944}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
151710	1891	126	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{126}^{14}\ \Phi_{63}^{17}\ \Phi_{42}^{12}\ \Phi_{21}^{15}\ \Phi_{18}^{14}\ \Phi_{14}^{14}\ \Phi_9^{17}\ \Phi_7^{16}\ \Phi_6^{12}\ \Phi_3^{15}\ \Phi_2^{14}\ \Phi_1^{17}$
151711	1891	2016	$\frac{125}{2016}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{168}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
151712	1891	2160	$\frac{1}{30}$	$\frac{269}{2160}$	$\frac{29}{120}$	$\frac{91}{360}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{60}\ \Phi_{54}\ \Phi_{48}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
151713	1891	2520	$\frac{1}{70}$	$\frac{69}{280}$	$\frac{629}{2520}$	$\frac{211}{840}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
151714	1891	320	$\frac{3}{64}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{320}^6\ \Phi_{160}^6\ \Phi_{80}^6\ \Phi_{64}^7\ \Phi_{40}^3\ \Phi_{32}^7\ \Phi_{20}^5\ \Phi_{16}^7\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
151715	1891	2240	$\frac{3}{64}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{280}\ \Phi_{224}\ \Phi_{112}\ \Phi_{64}\ \Phi_{56}\ \Phi_{35}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_7\ \Phi_1$
151716	1891	576	$\frac{3}{64}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{576}^4\ \Phi_{288}^4\ \Phi_{192}^2\ \Phi_{144}^4\ \Phi_{96}^2\ \Phi_{72}^4\ \Phi_{64}^3\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{32}^3\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_9\ \Phi_8^3\ \Phi_4\ \Phi_1$
151717	1891	2496	$\frac{19}{624}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{605}{2496}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{832}\ \Phi_{416}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
151718	1891	2400	$\frac{1}{30}$	$\frac{91}{600}$	$\frac{509}{2400}$	$\frac{29}{120}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
151719	1891	80	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{19}{80}$	$\Phi_{80}^{31}\ \Phi_{40}^{12}\ \Phi_{20}^{21}\ \Phi_{16}^{31}\ \Phi_{10}^{20}\ \Phi_8^{12}\ \Phi_5^{20}\ \Phi_4^{21}\ \Phi_2^{20}\ \Phi_1^{21}$
151720	1891	560	$\frac{1}{20}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{19}{80}$	$\Phi_{560}^5\ \Phi_{280}^5\ \Phi_{112}^5\ \Phi_{80}\ \Phi_{56}^5\ \Phi_{40}\ \Phi_{35}\ \Phi_{16}\ \Phi_8\ \Phi_7\ \Phi_1$
151721	1891	720	$\frac{1}{20}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{19}{80}$	$\Phi_{720}^4\ \Phi_{360}^4\ \Phi_{240}^2\ \Phi_{144}^4\ \Phi_{120}^2\ \Phi_{80}^3\ \Phi_{72}^4\ \Phi_{48}^2\ \Phi_{40}^3\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_9\ \Phi_8^3\ \Phi_4\ \Phi_1$
151722	1891	2464	$\frac{43}{616}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{573}{2464}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{352}\ \Phi_{224}\ \Phi_{176}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
151723	1891	520	$\frac{4}{65}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{40}$	$\Phi_{520}^5\ \Phi_{260}^5\ \Phi_{104}^5\ \Phi_{65}\ \Phi_{52}^5\ \Phi_{40}\ \Phi_{20}\ \Phi_{13}\ \Phi_8\ \Phi_4\ \Phi_1$
151724	1891	600	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{14}{75}$	$\frac{9}{40}$	$\Phi_{600}^5\ \Phi_{300}^5\ \Phi_{200}^5\ \Phi_{100}^5\ \Phi_{75}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
151725	1891	1320	$\frac{5}{66}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{40}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{220}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{40}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
151726	1891	360	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{72}$	$\frac{9}{40}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^2\ \Phi_{90}^6\ \Phi_{72}^7\ \Phi_{60}^4\ \Phi_{45}^6\ \Phi_{40}^3\ \Phi_{36}^7\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^5\ \Phi_{18}^7\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^7\ \Phi_8^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
151727	1891	280	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{9}{40}$	$\Phi_{280}^{10}\ \Phi_{140}^{10}\ \Phi_{70}\ \Phi_{56}^{10}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}^{10}\ \Phi_{20}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
151728	1891	2240	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{349}{2240}$	$\frac{99}{448}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{320}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
151729	1891	2352	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{461}{2352}$	$\frac{127}{588}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{784}\ \Phi_{392}\ \Phi_{336}\ \Phi_{168}\ \Phi_{147}\ \Phi_{112}\ \Phi_{56}\ \Phi_{49}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
151730	1891	2400	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{600}$	$\frac{509}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{160}\ \Phi_{100}\ \Phi_{96}\ \Phi_{80}\ \Phi_{50}\ \Phi_{48}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
151731	1891	2184	$\frac{19}{312}$	$\frac{293}{2184}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{168}\ \Phi_{91}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
151732	1891	2016	$\frac{125}{2016}$	$\frac{19}{144}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
151733	1891	455	$\frac{4}{65}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{455}^5\ \Phi_{91}^5\ \Phi_{65}\ \Phi_{35}\ \Phi_{13}\ \Phi_7\ \Phi_1$
151734	1891	525	$\frac{1}{15}$	$\frac{4}{35}$	$\frac{14}{75}$	$\frac{1}{5}$	$\Phi_{525}^5\ \Phi_{175}^5\ \Phi_{75}\ \Phi_{35}\ \Phi_{25}\ \Phi_7\ \Phi_1$
151735	1891	2340	$\frac{4}{65}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{468}\ \Phi_{260}\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{65}\ \Phi_{52}\ \Phi_{36}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
151736	1891	2310	$\frac{5}{66}$	$\frac{4}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{385}\ \Phi_{231}\ \Phi_{154}\ \Phi_{77}\ \Phi_{66}\ \Phi_{35}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
151737	1891	2520	$\frac{1}{12}$	$\frac{4}{35}$	$\frac{11}{72}$	$\frac{1}{5}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{315}\ \Phi_{280}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{35}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
151738	1891	70	$\frac{1}{10}$	$\frac{4}{35}$	$\frac{9}{70}$	$\frac{1}{5}$	$\Phi_{70}^{26}\ \Phi_{35}^{27}\ \Phi_{14}^{26}\ \Phi_{10}^{30}\ \Phi_{7}^{27}\ \Phi_{5}^{30}\ \Phi_{2}^{30}\ \Phi_{1}^{31}$
151739	1891	75	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{14}{75}$	$\Phi_{75}^{24}\ \Phi_{25}^{24}\ \Phi_{15}^{30}\ \Phi_{5}^{30}\ \Phi_{3}^{30}\ \Phi_{1}^{31}$
151740	1891	900	$\frac{1}{15}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{14}{75}$	$\Phi_{900}^{3}\ \Phi_{450}^{3}\ \Phi_{300}^{3}\ \Phi_{225}^{3}\ \Phi_{100}^{3}\ \Phi_{75}\ \Phi_{36}\ \Phi_{25}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
151741	1891	396	$\frac{5}{66}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{396}^{6}\ \Phi_{198}^{6}\ \Phi_{132}^{6}\ \Phi_{99}^{6}\ \Phi_{66}\ \Phi_{44}^{6}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
151742	1891	72	$\frac{1}{12}$	$\frac{5}{36}$	$\frac{11}{72}$	$\frac{1}{6}$	$\Phi_{72}^{31}\ \Phi_{36}^{20}\ \Phi_{24}^{31}\ \Phi_{18}^{20}\ \Phi_{12}^{25}\ \Phi_{9}^{20}\ \Phi_{8}^{31}\ \Phi_{6}^{24}\ \Phi_{4}^{25}\ \Phi_{3}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
151743	1891	1260	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{5}{36}$	$\frac{1}{6}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{420}^{2}\ \Phi_{315}^{2}\ \Phi_{252}^{2}\ \Phi_{140}^{2}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{70}\ \Phi_{63}^{2}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
151744	1892	2832	$\frac{1}{472}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{471}{944}$	$\Phi_{2832}\ \Phi_{944}^{2}\ \Phi_{48}\ \Phi_{16}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
151745	1892	4710	$\frac{2}{471}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{469}{942}$	$\Phi_{4710}\ \Phi_{1570}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
151746	1892	3420	$\frac{1}{171}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{85}{171}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{228}\ \Phi_{180}\ \Phi_{171}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{36}\ \Phi_{20}^{2}\ \Phi_{19}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
151747	1892	855	$\frac{1}{171}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{85}{171}$	$\Phi_{855}^{2}\ \Phi_{285}^{2}\ \Phi_{171}^{3}\ \Phi_{95}^{2}\ \Phi_{57}^{3}\ \Phi_{45}^{2}\ \Phi_{19}^{3}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
151748	1892	3160	$\frac{1}{158}$	$\frac{1}{5}$	$\frac{159}{632}$	$\frac{157}{316}$	$\Phi_{3160}\ \Phi_{790}\ \Phi_{395}\ \Phi_{40}\ \Phi_{10}$
151749	1892	4680	$\frac{5}{468}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{463}{936}$	$\Phi_{4680}\ \Phi_{1560}\ \Phi_{520}\ \Phi_{360}\ \Phi_{120}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
151750	1892	1785	$\frac{1}{85}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{42}{85}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}\ \Phi_{85}^{2}\ \Phi_{51}\ \Phi_{35}\ \Phi_{21}^{2}\ \Phi_{17}^{2}\ \Phi_{15}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
151751	1892	1020	$\frac{1}{85}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{42}{85}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{340}^{2}\ \Phi_{255}\ \Phi_{204}^{2}\ \Phi_{170}^{2}\ \Phi_{102}^{2}\ \Phi_{85}^{2}\ \Phi_{68}^{2}\ \Phi_{60}^{2}\ \Phi_{51}\ \Phi_{34}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{17}^{2}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{10}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
151752	1892	1190	$\frac{1}{85}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{42}{85}$	$\Phi_{1190}^{2}\ \Phi_{595}\ \Phi_{238}^{2}\ \Phi_{170}^{2}\ \Phi_{119}\ \Phi_{85}^{2}\ \Phi_{70}^{2}\ \Phi_{35}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{14}^{4}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
151753	1892	1891	$\frac{23}{1891}$	$\frac{87}{1891}$	$\frac{902}{1891}$	$\frac{934}{1891}$	$\Phi_{1891}\ \Phi_{61}\ \Phi_{31}\ \Phi_{1}^{2}$
151754	1892	915	$\frac{1}{61}$	$\frac{31}{915}$	$\frac{442}{915}$	$\frac{30}{61}$	$\Phi_{915}^{2}\ \Phi_{305}^{2}\ \Phi_{183}^{2}\ \Phi_{61}^{3}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
151755	1892	610	$\frac{1}{61}$	$\frac{31}{305}$	$\frac{137}{610}$	$\frac{30}{61}$	$\Phi_{610}^{4}\ \Phi_{305}^{2}\ \Phi_{122}^{4}\ \Phi_{61}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
151756	1892	549	$\frac{1}{61}$	$\frac{76}{549}$	$\frac{31}{183}$	$\frac{30}{61}$	$\Phi_{549}^{4}\ \Phi_{183}^{2}\ \Phi_{61}^{3}\ \Phi_{9}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
151757	1892	930	$\frac{8}{465}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{457}{930}$	$\Phi_{930}^{4}\ \Phi_{310}^{4}\ \Phi_{186}^{4}\ \Phi_{62}^{4}\ \Phi_{31}\ \Phi_{30}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
151758	1892	930	$\frac{8}{465}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{457}{930}$	$\Phi_{930}^{4}\ \Phi_{310}^{4}\ \Phi_{186}^{4}\ \Phi_{62}^{4}\ \Phi_{31}\ \Phi_{30}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
151759	1892	2076	$\frac{3}{173}$	$\frac{1}{12}$	$\frac{44}{173}$	$\frac{85}{173}$	$\Phi_{2076}\ \Phi_{1038}\ \Phi_{692}\ \Phi_{519}\ \Phi_{346}$
151760	1892	1891	$\frac{41}{1891}$	$\frac{128}{1891}$	$\frac{483}{1891}$	$\frac{925}{1891}$	$\Phi_{1891}\ \Phi_{61}\ \Phi_{31}\ \Phi_{1}^{2}$
151761	1892	2841	$\frac{21}{947}$	$\frac{44}{947}$	$\frac{1}{3}$	$\frac{463}{947}$	Φ_{2841}
151762	1892	3612	$\frac{1}{43}$	$\frac{1}{42}$	$\frac{41}{84}$	$\frac{21}{43}$	$\Phi_{3612}\ \Phi_{1204}\ \Phi_{516}\ \Phi_{172}\ \Phi_{84}^{2}\ \Phi_{43}\ \Phi_{28}^{2}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
151763	1892	1935	$\frac{1}{43}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{387}\ \Phi_{215}\ \Phi_{45}^{2}\ \Phi_{43}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
151764	1892	2709	$\frac{1}{43}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{21}{43}$	$\Phi_{2709}\ \Phi_{387}\ \Phi_{63}^{2}\ \Phi_{43}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
151765	1892	2408	$\frac{1}{43}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{21}{43}$	$\Phi_{2408}\ \Phi_{1204}\ \Phi_{344}\ \Phi_{172}\ \Phi_{56}^{2}\ \Phi_{43}\ \Phi_{28}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
151766	1892	2064	$\frac{1}{43}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{21}{43}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{688}\ \Phi_{516}\ \Phi_{344}\ \Phi_{172}\ \Phi_{48}^{2}\ \Phi_{43}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
151767	1892	2107	$\frac{1}{43}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{21}{43}$	$\Phi_{2107}\ \Phi_{49}^{2}\ \Phi_{43}\ \Phi_{1}^{2}$
151768	1892	1932	$\frac{1}{42}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{1932}^{2}\ \Phi_{644}^{2}\ \Phi_{276}^{2}\ \Phi_{92}^{2}\ \Phi_{69}$
151769	1892	3612	$\frac{1}{42}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{41}{84}$	$\Phi_{3612}\ \Phi_{1204}\ \Phi_{516}\ \Phi_{172}\ \Phi_{84}^{2}\ \Phi_{43}\ \Phi_{28}^{2}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
151770	1892	420	$\frac{1}{42}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{41}{84}$	$\Phi_{420}^{5}\ \Phi_{210}^{6}\ \Phi_{140}^{5}\ \Phi_{105}^{6}\ \Phi_{70}^{6}\ \Phi_{60}^{6}\ \Phi_{35}^{6}\ \Phi_{30}^{7}\ \Phi_{20}^{6}\ \Phi_{15}^{7}\ \Phi_{10}^{7}\ \Phi_{5}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
151771	1892	1395	$\frac{1}{31}$	$\frac{16}{465}$	$\frac{449}{1395}$	$\frac{15}{31}$	$\Phi_{1395}^2\ \Phi_{279}^2\ \Phi_{45}^2\ \Phi_{31}\ \Phi_9^2\ \Phi_1^2$
151772	1892	496	$\frac{1}{31}$	$\frac{23}{496}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{496}^4\ \Phi_{248}^4\ \Phi_{124}^4\ \Phi_{62}^4\ \Phi_{31}\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
151773	1892	620	$\frac{1}{31}$	$\frac{8}{155}$	$\frac{147}{620}$	$\frac{15}{31}$	$\Phi_{620}^4\ \Phi_{310}^4\ \Phi_{124}^4\ \Phi_{62}^4\ \Phi_{31}\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
151774	1892	93	$\frac{1}{31}$	$\frac{7}{93}$	$\frac{16}{93}$	$\frac{15}{31}$	$\Phi_{93}^{20}\ \Phi_{31}^{21}\ \Phi_3^{20}\ \Phi_1^{22}$
151775	1892	558	$\frac{1}{31}$	$\frac{8}{93}$	$\frac{85}{558}$	$\frac{15}{31}$	$\Phi_{558}^4\ \Phi_{279}^4\ \Phi_{186}^4\ \Phi_{62}^4\ \Phi_{31}\ \Phi_{18}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_2^4\ \Phi_1^2$
151776	1892	1085	$\frac{1}{31}$	$\frac{16}{155}$	$\frac{139}{1085}$	$\frac{15}{31}$	$\Phi_{1085}^2\ \Phi_{217}^2\ \Phi_{35}^2\ \Phi_{31}\ \Phi_7^2\ \Phi_1^2$
151777	1892	1334	$\frac{1}{29}$	$\frac{1}{23}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{1334}^2\ \Phi_{667}\ \Phi_{46}^2$
151778	1892	924	$\frac{1}{44}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}^3\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{66}^3\ \Phi_{44}^2\ \Phi_{42}^2$ $\Phi_{33}^3\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
151779	1892	315	$\frac{2}{45}$	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{315}^6\ \Phi_{105}^5\ \Phi_{63}^6\ \Phi_{45}^8\ \Phi_{35}^5\ \Phi_{21}^6\ \Phi_{15}^7\ \Phi_9^8\ \Phi_7^6\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
151780	1892	357	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{10}{21}$	$\Phi_{357}^5\ \Phi_{119}^5\ \Phi_{51}^7\ \Phi_{21}^6\ \Phi_{17}^6\ \Phi_7^6\ \Phi_3^8\ \Phi_1^8$
151781	1892	660	$\frac{1}{44}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{110}^3\ \Phi_{66}^3\ \Phi_{60}^3\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{33}^3$ $\Phi_{30}^3\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_{10}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
151782	1892	720	$\frac{1}{45}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{720}^5\ \Phi_{240}^5\ \Phi_{180}\ \Phi_{144}^5\ \Phi_{90}\ \Phi_{80}^4\ \Phi_{60}\ \Phi_{48}^5\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}$ $\Phi_{16}^4\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
151783	1892	1891	$\frac{32}{1891}$	$\frac{169}{1891}$	$\frac{515}{1891}$	$\frac{861}{1891}$	$\Phi_{1891}\ \Phi_{61}\ \Phi_{31}\ \Phi_1^2$
151784	1892	2841	$\frac{12}{947}$	$\frac{85}{947}$	$\frac{1}{3}$	$\frac{431}{947}$	Φ_{2841}
151785	1892	1740	$\frac{1}{87}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1740}^2\ \Phi_{580}^2\ \Phi_{348}^2\ \Phi_{116}^2\ \Phi_{87}^2\ \Phi_{60}\ \Phi_{29}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
151786	1892	1140	$\frac{1}{57}$	$\frac{1}{10}$	$\frac{14}{57}$	$\frac{9}{20}$	$\Phi_{1140}^3\ \Phi_{380}^3\ \Phi_{228}^3\ \Phi_{76}^3\ \Phi_{60}^3\ \Phi_{57}^3\ \Phi_{20}^4\ \Phi_{19}^3\ \Phi_{12}^3\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
151787	1892	220	$\frac{1}{44}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{220}^9\ \Phi_{110}^9\ \Phi_{55}^9\ \Phi_{44}^8\ \Phi_{22}^8\ \Phi_{20}^5\ \Phi_{11}^8\ \Phi_{10}^9\ \Phi_5^8\ \Phi_4^4\ \Phi_2^8\ \Phi_1^8$
151788	1892	180	$\frac{2}{45}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{180}^{19}\ \Phi_{60}^{19}\ \Phi_{45}^4\ \Phi_{36}^{19}\ \Phi_{20}^{20}\ \Phi_{15}^4\ \Phi_{12}^{19}\ \Phi_9^3\ \Phi_5^4\ \Phi_4^{20}\ \Phi_3^3\ \Phi_1^4$
151789	1892	380	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{380}^9\ \Phi_{95}^2\ \Phi_{76}^9\ \Phi_{20}^{10}\ \Phi_{19}\ \Phi_5^2\ \Phi_4^{10}\ \Phi_1^2$
151790	1892	854	$\frac{1}{61}$	$\frac{46}{427}$	$\frac{15}{61}$	$\frac{381}{854}$	$\Phi_{854}^4\ \Phi_{122}^4\ \Phi_{61}^3\ \Phi_{14}^4\ \Phi_2^4\ \Phi_1^4$
151791	1892	1188	$\frac{1}{44}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{396}\ \Phi_{297}^2\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}^2\ \Phi_{99}\ \Phi_{66}\ \Phi_{54}^2\ \Phi_{36}$ $\Phi_{33}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
151792	1892	480	$\frac{7}{480}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{24}^4$ $\Phi_{20}^3\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
151793	1892	790	$\frac{1}{79}$	$\frac{78}{395}$	$\frac{1}{5}$	$\frac{317}{790}$	$\Phi_{790}^4\ \Phi_{395}\ \Phi_{158}^4\ \Phi_{10}^4\ \Phi_2^4$
151794	1892	1100	$\frac{1}{44}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1100}^2\ \Phi_{550}^2\ \Phi_{275}^2\ \Phi_{220}\ \Phi_{110}\ \Phi_{100}^2\ \Phi_{55}\ \Phi_{50}^2\ \Phi_{20}\ \Phi_{10}$
151795	1892	3114	$\frac{1}{173}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{3114}\ \Phi_{1038}\ \Phi_{519}\ \Phi_{346}$
151796	1892	396	$\frac{1}{44}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{396}^5\ \Phi_{198}^5\ \Phi_{132}^5\ \Phi_{99}^5\ \Phi_{66}^5\ \Phi_{44}^4\ \Phi_{36}^5\ \Phi_{33}^5\ \Phi_{22}^4\ \Phi_{18}\ \Phi_{12}^5\ \Phi_{11}^4$ $\Phi_9^4\ \Phi_6\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
151797	1892	2768	$\frac{1}{173}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{2768}\ \Phi_{692}\ \Phi_{346}$
151798	1892	720	$\frac{1}{45}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{720}^3\ \Phi_{360}^2\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{120}^2\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{72}^2\ \Phi_{60}^3\ \Phi_{48}^2$ $\Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{24}\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_8^2$ $\Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
151799	1892	732	$\frac{1}{61}$	$\frac{15}{122}$	$\frac{107}{366}$	$\frac{259}{732}$	$\Phi_{732}^4\ \Phi_{244}^4\ \Phi_{122}^4\ \Phi_{61}^3\ \Phi_{12}^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
151800	1892	990	$\frac{1}{45}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{990}^3\ \Phi_{495}\ \Phi_{330}^3\ \Phi_{198}^3\ \Phi_{165}\ \Phi_{110}^3\ \Phi_{99}\ \Phi_{90}^3\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{33}$ $\Phi_{30}^3\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{10}^3\ \Phi_6^2\ \Phi_2^2$
151801	1892	708	$\frac{1}{236}$	$\frac{235}{708}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{708}^3\ \Phi_{354}^3\ \Phi_{236}^2\ \Phi_{177}^3\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
151802	1892	1428	$\frac{3}{476}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}^2\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{204}\ \Phi_{119}^2\ \Phi_{102}\ \Phi_{84}\ \Phi_{68}^2\ \Phi_{51}$ $\Phi_{42}\ \Phi_{34}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
151803	1892	1770	$\frac{1}{118}$	$\frac{117}{590}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{590}^2\ \Phi_{295}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
151804	1892	480	$\frac{7}{480}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{24}^3$ $\Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_8^2\ \Phi_6^3\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
151805	1892	531	$\frac{1}{59}$	$\frac{58}{531}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{531}^{4}\ \Phi_{177}^{3}\ \Phi_{59}^{2}\ \Phi_{9}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
151806	1892	708	$\frac{5}{236}$	$\frac{21}{236}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{708}^{2}\ \Phi_{354}^{2}\ \Phi_{236}^{4}\ \Phi_{177}^{2}\ \Phi_{118}^{4}\ \Phi_{59}^{4}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
151807	1892	132	$\frac{1}{44}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{132}^{15}\ \Phi_{66}^{15}\ \Phi_{44}^{14}\ \Phi_{33}^{15}\ \Phi_{22}^{14}\ \Phi_{12}^{11}\ \Phi_{11}^{14}\ \Phi_{6}^{11}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
151808	1892	1035	$\frac{1}{23}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1035}^{2}\ \Phi_{345}^{2}\ \Phi_{207}^{2}\ \Phi_{115}^{2}\ \Phi_{69}$
151809	1892	1449	$\frac{1}{23}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{1449}^{2}\ \Phi_{207}^{2}\ \Phi_{69}$
151810	1892	2772	$\frac{1}{44}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{132}\ \Phi_{126}\ \Phi_{99}\ \Phi_{66}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
151811	1892	435	$\frac{1}{87}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{435}^{4}\ \Phi_{145}^{4}\ \Phi_{87}^{6}\ \Phi_{29}^{6}\ \Phi_{15}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
151812	1892	1935	$\frac{2}{45}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{387}\ \Phi_{215}\ \Phi_{45}^{2}\ \Phi_{43}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
151813	1892	3864	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{3864}\ \Phi_{1932}\ \Phi_{552}\ \Phi_{276}\ \Phi_{69}$
151814	1892	924	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{924}^{3}\ \Phi_{462}^{3}\ \Phi_{231}^{3}\ \Phi_{132}^{4}\ \Phi_{84}^{3}\ \Phi_{66}^{4}\ \Phi_{42}\ \Phi_{33}^{4}\ \Phi_{21}^{2}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
151815	1892	180	$\frac{2}{45}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}^{10}\ \Phi_{45}^{8}\ \Phi_{36}^{12}\ \Phi_{30}^{10}\ \Phi_{20}^{10}\ \Phi_{18}^{12}\ \Phi_{15}^{7}\ \Phi_{12}^{12}\ \Phi_{10}^{10}\ \Phi_{9}^{8}\ \Phi_{6}^{12}\ \Phi_{5}^{6}\ \Phi_{4}^{12}\ \Phi_{3}^{8}\ \Phi_{2}^{12}\ \Phi_{1}^{8}$
151816	1892	2415	$\frac{1}{23}$	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{805}\ \Phi_{345}\ \Phi_{115}\ \Phi_{69}$
151817	1892	1104	$\frac{1}{23}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1104}^{2}\ \Phi_{552}^{2}\ \Phi_{368}^{2}\ \Phi_{276}^{2}\ \Phi_{184}^{2}\ \Phi_{92}^{2}\ \Phi_{69}$
151818	1892	204	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{8}{51}$	$\frac{1}{3}$	$\Phi_{204}^{10}\ \Phi_{102}^{10}\ \Phi_{68}^{10}\ \Phi_{51}^{7}\ \Phi_{34}^{10}\ \Phi_{17}^{6}\ \Phi_{12}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{8}\ \Phi_{2}^{12}\ \Phi_{1}^{8}$
151819	1892	3381	$\frac{1}{23}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{3381}\ \Phi_{69}$
151820	1892	3510	$\frac{5}{234}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{229}{702}$	$\Phi_{3510}\ \Phi_{1755}\ \Phi_{270}\ \Phi_{135}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
151821	1892	2709	$\frac{1}{21}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{20}{63}$	$\Phi_{2709}\ \Phi_{387}\ \Phi_{63}^{2}\ \Phi_{43}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
151822	1892	1260	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{20}{63}$	$\Phi_{1260}^{3}\ \Phi_{630}^{3}\ \Phi_{315}^{2}\ \Phi_{180}^{3}\ \Phi_{90}^{3}\ \Phi_{60}\ \Phi_{45}^{2}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
151823	1892	180	$\frac{1}{45}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{60}^{10}\ \Phi_{45}^{10}\ \Phi_{36}^{11}\ \Phi_{30}^{10}\ \Phi_{20}^{11}\ \Phi_{18}^{11}\ \Phi_{15}^{9}\ \Phi_{12}^{10}\ \Phi_{10}^{11}\ \Phi_{9}^{10}\ \Phi_{6}^{10}\ \Phi_{5}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{9}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
151824	1892	2430	$\frac{13}{486}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{135}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
151825	1892	285	$\frac{1}{57}$	$\frac{1}{5}$	$\frac{14}{57}$	$\frac{4}{15}$	$\Phi_{285}^{6}\ \Phi_{95}^{6}\ \Phi_{57}^{9}\ \Phi_{19}^{9}\ \Phi_{15}^{7}\ \Phi_{5}^{6}\ \Phi_{3}^{10}\ \Phi_{1}^{10}$
151826	1892	660	$\frac{1}{44}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{660}^{4}\ \Phi_{330}^{4}\ \Phi_{220}\ \Phi_{165}^{4}\ \Phi_{132}^{4}\ \Phi_{110}\ \Phi_{66}^{4}\ \Phi_{60}^{4}\ \Phi_{55}\ \Phi_{33}^{4}\ \Phi_{30}^{4}\ \Phi_{20}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{6}^{4}$
151827	1892	45	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{45}^{42}\ \Phi_{15}^{43}\ \Phi_{9}^{41}\ \Phi_{5}^{42}\ \Phi_{3}^{42}\ \Phi_{1}^{42}$
151828	1892	285	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{285}^{9}\ \Phi_{95}^{2}\ \Phi_{57}^{9}\ \Phi_{19}\ \Phi_{15}^{10}\ \Phi_{5}^{2}\ \Phi_{3}^{10}\ \Phi_{1}^{2}$
151829	1892	488	$\frac{15}{488}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{488}^{4}\ \Phi_{244}^{4}\ \Phi_{122}^{4}\ \Phi_{61}^{3}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
151830	1892	496	$\frac{23}{496}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{496}^{4}\ \Phi_{248}^{4}\ \Phi_{124}^{4}\ \Phi_{62}^{4}\ \Phi_{31}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
151831	1892	3120	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{151}{624}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
151832	1892	620	$\frac{8}{155}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{147}{620}$	$\Phi_{620}^{4}\ \Phi_{310}^{4}\ \Phi_{124}^{4}\ \Phi_{62}^{4}\ \Phi_{31}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
151833	1892	2408	$\frac{3}{43}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{10}{43}$	$\Phi_{2408}\ \Phi_{1204}\ \Phi_{344}\ \Phi_{172}\ \Phi_{56}^{2}\ \Phi_{43}\ \Phi_{28}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
151834	1892	2064	$\frac{3}{43}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{10}{43}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{688}\ \Phi_{516}\ \Phi_{344}\ \Phi_{172}\ \Phi_{48}^{2}\ \Phi_{43}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
151835	1892	2107	$\frac{3}{43}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{10}{43}$	$\Phi_{2107}\ \Phi_{49}^{2}\ \Phi_{43}\ \Phi_{1}^{2}$
151836	1892	840	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{13}{56}$	$\Phi_{840}^{4}\ \Phi_{420}^{2}\ \Phi_{280}^{3}\ \Phi_{210}^{2}\ \Phi_{140}\ \Phi_{120}^{4}\ \Phi_{105}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{3}\ \Phi_{40}^{3}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
151837	1892	558	$\frac{8}{93}$	$\frac{3}{31}$	$\frac{85}{558}$	$\frac{7}{31}$	$\Phi_{558}^{4}\ \Phi_{279}^{4}\ \Phi_{186}^{4}\ \Phi_{62}^{4}\ \Phi_{31}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
151838	1892	630	$\frac{2}{45}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{630}^{4}\ \Phi_{315}^{2}\ \Phi_{210}^{4}\ \Phi_{126}^{4}\ \Phi_{105}^{2}\ \Phi_{90}^{4}\ \Phi_{70}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{4}\ \Phi_{42}^{4}\ \Phi_{35}\ \Phi_{30}^{4}\ \Phi_{21}^{2}\ \Phi_{18}^{4}\ \Phi_{15}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{2}\ \Phi_{9}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
151839	1892	714	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{8}{51}$	$\frac{3}{14}$	$\Phi_{714}^{4}\ \Phi_{357}^{2}\ \Phi_{238}^{2}\ \Phi_{119}\ \Phi_{102}^{4}\ \Phi_{51}^{4}\ \Phi_{42}^{4}\ \Phi_{34}^{2}\ \Phi_{21}^{2}\ \Phi_{17}^{2}\ \Phi_{14}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
151840	1892	2520	$\frac{31}{504}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
151841	1892	2730	$\frac{5}{78}$	$\frac{73}{546}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{910}\ \Phi_{455}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
151842	1892	240	$\frac{1}{12}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{240}^{11}\ \Phi_{120}^{11}\ \Phi_{80}^{11}\ \Phi_{60}^{6}\ \Phi_{40}^{11}\ \Phi_{30}^{7}\ \Phi_{20}^{6}\ \Phi_{15}^{7}\ \Phi_{10}^{7}\ \Phi_{5}^{6}$
151843	1892	2940	$\frac{1}{12}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{980}\ \Phi_{735}\ \Phi_{490}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
151844	1893	3776	$\frac{5}{1888}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1883}{3776}$	$\Phi_{3776}\ \Phi_{64}\ \Phi_{8}\ \Phi_{1}$
151845	1893	2528	$\frac{3}{632}$	$\frac{1}{4}$	$\frac{635}{2528}$	$\frac{629}{1264}$	$\Phi_{2528}\ \Phi_{632}\ \Phi_{316}\ \Phi_{158}\ \Phi_{79}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
151846	1893	1256	$\frac{3}{628}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{625}{1256}$	$\Phi_{1256}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
151847	1893	3440	$\frac{1}{172}$	$\frac{173}{1720}$	$\frac{1547}{3440}$	$\frac{171}{344}$	$\Phi_{3440}\ \Phi_{688}\ \Phi_{344}\ \Phi_{80}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
151848	1893	1248	$\frac{7}{624}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{617}{1248}$	$\Phi_{1248}^{3}\ \Phi_{416}^{3}\ \Phi_{96}^{3}\ \Phi_{32}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
151849	1893	1232	$\frac{1}{44}$	$\frac{15}{616}$	$\frac{601}{1232}$	$\frac{43}{88}$	$\Phi_{1232}^{3}\ \Phi_{176}^{3}\ \Phi_{112}^{3}\ \Phi_{88}\ \Phi_{16}^{3}\ \Phi_{8}\ \Phi_{1}$
151850	1893	2464	$\frac{1}{44}$	$\frac{45}{616}$	$\frac{571}{2464}$	$\frac{43}{88}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{352}\ \Phi_{224}\ \Phi_{176}\ \Phi_{112}\ \Phi_{88}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
151851	1893	704	$\frac{1}{44}$	$\frac{73}{704}$	$\frac{15}{88}$	$\frac{43}{88}$	$\Phi_{704}^{3}\ \Phi_{352}^{3}\ \Phi_{176}^{3}\ \Phi_{88}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{8}\ \Phi_{1}$
151852	1893	1232	$\frac{15}{616}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{601}{1232}$	$\Phi_{1232}^{3}\ \Phi_{176}^{3}\ \Phi_{112}^{3}\ \Phi_{22}^{2}\ \Phi_{16}^{3}\ \Phi_{11}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
151853	1893	2552	$\frac{21}{638}$	$\frac{1}{22}$	$\frac{659}{2552}$	$\frac{617}{1276}$	$\Phi_{2552}\ \Phi_{638}\ \Phi_{319}\ \Phi_{232}\ \Phi_{88}\ \Phi_{58}\ \Phi_{29}\ \Phi_{8}\ \Phi_{1}$
151854	1893	1204	$\frac{1}{43}$	$\frac{29}{602}$	$\frac{14}{43}$	$\frac{573}{1204}$	$\Phi_{1204}^{3}\ \Phi_{172}^{3}\ \Phi_{43}^{2}\ \Phi_{28}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
151855	1893	860	$\frac{1}{43}$	$\frac{14}{215}$	$\frac{229}{860}$	$\frac{201}{430}$	$\Phi_{860}^{3}\ \Phi_{215}^{3}\ \Phi_{172}^{3}\ \Phi_{43}^{2}\ \Phi_{20}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
151856	1893	3520	$\frac{1}{44}$	$\frac{133}{1760}$	$\frac{43}{176}$	$\frac{1627}{3520}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{176}\ \Phi_{88}\ \Phi_{64}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
151857	1893	3440	$\frac{1}{43}$	$\frac{173}{1720}$	$\frac{42}{215}$	$\frac{1547}{3440}$	$\Phi_{3440}\ \Phi_{688}\ \Phi_{215}\ \Phi_{80}\ \Phi_{16}\ \Phi_{5}\ \Phi_{1}$
151858	1893	774	$\frac{1}{43}$	$\frac{14}{129}$	$\frac{143}{774}$	$\frac{115}{258}$	$\Phi_{774}^{3}\ \Phi_{387}^{3}\ \Phi_{129}^{3}\ \Phi_{43}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
151859	1893	640	$\frac{9}{640}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{128}^{3}\ \Phi_{80}^{3}\ \Phi_{64}^{3}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
151860	1893	2212	$\frac{1}{79}$	$\frac{78}{553}$	$\frac{1}{4}$	$\frac{475}{1106}$	$\Phi_{2212}\ \Phi_{553}\ \Phi_{316}^{2}\ \Phi_{158}\ \Phi_{79}\ \Phi_{28}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
151861	1893	2150	$\frac{1}{43}$	$\frac{257}{2150}$	$\frac{42}{215}$	$\frac{173}{430}$	$\Phi_{2150}\ \Phi_{1075}\ \Phi_{215}\ \Phi_{50}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}$
151862	1893	3160	$\frac{3}{316}$	$\frac{313}{1580}$	$\frac{1}{4}$	$\frac{1267}{3160}$	$\Phi_{3160}\ \Phi_{632}\ \Phi_{316}\ \Phi_{158}\ \Phi_{79}\ \Phi_{40}\ \Phi_{8}\ \Phi_{1}$
151863	1893	1032	$\frac{1}{172}$	$\frac{115}{516}$	$\frac{57}{172}$	$\frac{401}{1032}$	$\Phi_{1032}^{3}\ \Phi_{344}^{3}\ \Phi_{172}^{2}\ \Phi_{86}^{2}\ \Phi_{43}^{2}\ \Phi_{24}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
151864	1893	1032	$\frac{1}{43}$	$\frac{14}{129}$	$\frac{115}{516}$	$\frac{401}{1032}$	$\Phi_{1032}^{3}\ \Phi_{344}^{3}\ \Phi_{129}^{3}\ \Phi_{43}^{2}\ \Phi_{24}^{3}\ \Phi_{8}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
151865	1893	704	$\frac{1}{44}$	$\frac{73}{704}$	$\frac{43}{176}$	$\frac{133}{352}$	$\Phi_{704}^{3}\ \Phi_{352}^{2}\ \Phi_{176}^{3}\ \Phi_{88}^{3}\ \Phi_{64}^{3}\ \Phi_{44}^{2}\ \Phi_{32}^{2}\ \Phi_{22}^{2}\ \Phi_{16}^{3}\ \Phi_{11}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
151866	1893	2752	$\frac{1}{172}$	$\frac{171}{688}$	$\frac{859}{2752}$	$\frac{517}{1376}$	$\Phi_{2752}\ \Phi_{688}\ \Phi_{344}\ \Phi_{64}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
151867	1893	944	$\frac{5}{944}$	$\frac{1}{4}$	$\frac{313}{944}$	$\frac{3}{8}$	$\Phi_{944}^{2}\ \Phi_{472}^{2}\ \Phi_{236}^{2}\ \Phi_{118}^{2}\ \Phi_{59}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
151868	1893	1904	$\frac{11}{1904}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{272}\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{112}\ \Phi_{68}\ \Phi_{56}\ \Phi_{34}\ \Phi_{28}\ \Phi_{17}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
151869	1893	2360	$\frac{5}{472}$	$\frac{467}{2360}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2360}\ \Phi_{1180}\ \Phi_{590}\ \Phi_{295}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
151870	1893	640	$\frac{9}{640}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{128}^{3}\ \Phi_{80}^{3}\ \Phi_{64}^{3}\ \Phi_{40}^{3}\ \Phi_{32}^{2}\ \Phi_{20}^{3}\ \Phi_{16}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
151871	1893	645	$\frac{14}{645}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{645}^{3}\ \Phi_{215}^{3}\ \Phi_{129}^{3}\ \Phi_{43}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
151872	1893	968	$\frac{1}{44}$	$\frac{43}{484}$	$\frac{147}{484}$	$\frac{337}{968}$	$\Phi_{968}^{3}\ \Phi_{484}\ \Phi_{242}\ \Phi_{121}\ \Phi_{88}^{3}\ \Phi_{8}^{3}\ \Phi_{1}$
151873	1893	660	$\frac{29}{660}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{220}^{3}\ \Phi_{165}^{3}\ \Phi_{132}^{3}\ \Phi_{110}^{3}\ \Phi_{66}^{3}\ \Phi_{60}^{3}\ \Phi_{55}^{3}\ \Phi_{33}^{3}\ \Phi_{30}^{3}\ \Phi_{22}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{11}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
151874	1893	688	$\frac{1}{43}$	$\frac{57}{688}$	$\frac{14}{43}$	$\frac{29}{86}$	$\Phi_{688}^{3}\ \Phi_{344}^{3}\ \Phi_{172}^{3}\ \Phi_{43}^{2}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
151875	1893	948	$\frac{1}{158}$	$\frac{1}{4}$	$\frac{157}{474}$	$\frac{317}{948}$	$\Phi_{948}\ \Phi_{474}^{2}\ \Phi_{316}^{3}\ \Phi_{237}^{2}\ \Phi_{158}^{3}\ \Phi_{79}^{3}\ \Phi_{12}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
151876	1893	936	$\frac{7}{312}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{305}{936}$	$\Phi_{936}^{3}\ \Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{117}^{3}\ \Phi_{72}^{3}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
151877	1893	903	$\frac{1}{43}$	$\frac{29}{301}$	$\frac{272}{903}$	$\frac{14}{43}$	$\Phi_{903}^3\ \Phi_{129}^3\ \Phi_{43}^2\ \Phi_{21}^3\ \Phi_3^3\ \Phi_1^3$
151878	1893	924	$\frac{1}{22}$	$\frac{15}{308}$	$\frac{293}{924}$	$\frac{7}{22}$	$\Phi_{924}^3\ \Phi_{462}^3\ \Phi_{231}^3\ \Phi_{132}^3\ \Phi_{84}^3\ \Phi_{66}^3\ \Phi_{42}^3\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_6^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
151879	1893	770	$\frac{1}{22}$	$\frac{15}{154}$	$\frac{139}{770}$	$\frac{7}{22}$	$\Phi_{770}^3\ \Phi_{385}^3\ \Phi_{110}^3\ \Phi_{70}^3\ \Phi_{55}^3\ \Phi_{35}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_2^2\ \Phi_1^3$
151880	1893	704	$\frac{1}{22}$	$\frac{73}{704}$	$\frac{15}{88}$	$\frac{7}{22}$	$\Phi_{704}^3\ \Phi_{352}^3\ \Phi_{176}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{22}^2\ \Phi_{16}^3\ \Phi_{11}^2\ \Phi_2^2\ \Phi_1^3$
151881	1893	648	$\frac{17}{648}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{648}^3\ \Phi_{324}^3\ \Phi_{216}^3\ \Phi_{162}^3\ \Phi_{108}^3\ \Phi_{81}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
151882	1893	880	$\frac{1}{44}$	$\frac{133}{880}$	$\frac{43}{176}$	$\frac{249}{880}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{176}^3\ \Phi_{110}^2\ \Phi_{88}^3\ \Phi_{80}^2\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
151883	1893	860	$\frac{1}{43}$	$\frac{42}{215}$	$\frac{173}{860}$	$\frac{229}{860}$	$\Phi_{860}^2\ \Phi_{430}^2\ \Phi_{215}^3\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
151884	1893	832	$\frac{7}{208}$	$\frac{1}{8}$	$\frac{201}{832}$	$\frac{1}{4}$	$\Phi_{832}^3\ \Phi_{416}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
151885	1893	672	$\frac{41}{672}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{4}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
151886	1893	728	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{97}{728}$	$\frac{1}{4}$	$\Phi_{728}^3\ \Phi_{364}^3\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
151887	1894	1890	$\frac{2}{945}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{943}{1890}$	$\Phi_{1890}^2\ \Phi_{630}^2\ \Phi_{378}^2\ \Phi_{270}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
151888	1894	3792	$\frac{1}{316}$	$\frac{317}{1264}$	$\frac{1}{3}$	$\frac{315}{632}$	$\Phi_{3792}\ \Phi_{948}\ \Phi_{474}\ \Phi_{237}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
151889	1894	5664	$\frac{3}{944}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{941}{1888}$	$\Phi_{5664}\ \Phi_{96}\ \Phi_{12}\ \Phi_6$
151890	1894	1884	$\frac{5}{942}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{937}{1884}$	$\Phi_{1884}^2\ \Phi_{628}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
151891	1894	1872	$\frac{11}{936}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{925}{1872}$	$\Phi_{1872}^2\ \Phi_{624}^2\ \Phi_{208}^2\ \Phi_{144}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
151892	1894	960	$\frac{13}{960}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
151893	1894	5214	$\frac{1}{79}$	$\frac{78}{869}$	$\frac{1}{3}$	$\frac{791}{1738}$	$\Phi_{5214}\ \Phi_{474}\ \Phi_{237}\ \Phi_{66}\ \Phi_6$
151894	1894	1659	$\frac{2}{237}$	$\frac{235}{1659}$	$\frac{1}{3}$	$\frac{712}{1659}$	$\Phi_{1659}\ \Phi_{553}\ \Phi_{237}^2\ \Phi_{79}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
151895	1894	4740	$\frac{1}{158}$	$\frac{157}{790}$	$\frac{1}{3}$	$\frac{633}{1580}$	$\Phi_{4740}\ \Phi_{948}\ \Phi_{474}\ \Phi_{237}\ \Phi_{60}\ \Phi_{12}\ \Phi_6$
151896	1894	2856	$\frac{5}{952}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{408}\ \Phi_{357}\ \Phi_{204}\ \Phi_{168}\ \Phi_{102}\ \Phi_{84}\ \Phi_{51}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
151897	1894	1422	$\frac{1}{237}$	$\frac{236}{711}$	$\frac{1}{3}$	$\frac{475}{1422}$	$\Phi_{1422}^2\ \Phi_{474}^2\ \Phi_{237}^2\ \Phi_{158}^2\ \Phi_{79}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
151898	1894	1260	$\frac{2}{315}$	$\frac{313}{1260}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
151899	1894	954	$\frac{7}{954}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{954}^2\ \Phi_{477}^2\ \Phi_{318}^2\ \Phi_{159}^2\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
151900	1894	1134	$\frac{2}{189}$	$\frac{187}{1134}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1134}^2\ \Phi_{567}^2\ \Phi_{378}^2\ \Phi_{162}^2\ \Phi_{126}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
151901	1894	960	$\frac{13}{960}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
151902	1894	1080	$\frac{2}{135}$	$\frac{133}{1080}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
151903	1894	1050	$\frac{2}{105}$	$\frac{103}{1050}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
151904	1894	966	$\frac{19}{966}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{42}^2\ \Phi_{23}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
151905	1894	972	$\frac{25}{972}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
151906	1894	1008	$\frac{2}{63}$	$\frac{61}{1008}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
151907	1894	990	$\frac{43}{990}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
151908	1894	1416	$\frac{3}{472}$	$\frac{1}{4}$	$\frac{469}{1416}$	$\frac{1}{3}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{472}^2\ \Phi_{354}\ \Phi_{236}^2\ \Phi_{177}\ \Phi_{118}^2\ \Phi_{59}^2\ \Phi_{24}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
151909	1894	1404	$\frac{11}{468}$	$\frac{1}{12}$	$\frac{457}{1404}$	$\frac{1}{3}$	$\Phi_{1404}^2\ \Phi_{702}^2\ \Phi_{351}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
151910	1894	972	$\frac{25}{972}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
151911	1894	3540	$\frac{3}{236}$	$\frac{233}{1180}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3540}\ \Phi_{1770}\ \Phi_{885}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
151912	1894	960	$\frac{13}{960}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
151913	1894	1248	$\frac{11}{312}$	$\frac{1}{12}$	$\frac{301}{1248}$	$\frac{1}{3}$	$\Phi_{1248}^2\ \Phi_{624}^2\ \Phi_{416}^2\ \Phi_{208}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
151914	1894	1008	$\frac{61}{1008}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
151915	1894	1092	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{145}{1092}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
151916	1895	1512	$\frac{1}{378}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{377}{756}$	$\Phi_{1512}^2\ \Phi_{756}\ \Phi_{504}^2\ \Phi_{252}\ \Phi_{216}^2\ \Phi_{168}^2\ \Phi_{108}\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
151917	1895	2256	$\frac{3}{376}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{373}{752}$	$\Phi_{2256}^2\ \Phi_{752}\ \Phi_{48}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
151918	1895	750	$\frac{4}{375}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{371}{750}$	$\Phi_{750}^2\ \Phi_{375}^3\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{125}^3\ \Phi_{75}^3\ \Phi_{50}^2\ \Phi_{30}^3\ \Phi_{25}^3\ \Phi_{15}^4\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
151919	1895	456	$\frac{1}{76}$	$\frac{1}{6}$	$\frac{77}{456}$	$\frac{75}{152}$	$\Phi_{456}^3\ \Phi_{228}^5\ \Phi_{152}^4\ \Phi_{114}^5\ \Phi_{76}^5\ \Phi_{57}^5\ \Phi_{38}^5\ \Phi_{24}^3\ \Phi_{19}^5\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
151920	1895	2220	$\frac{9}{370}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{361}{740}$	$\Phi_{2220}^2\ \Phi_{740}\ \Phi_{444}^2\ \Phi_{148}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
151921	1895	2166	$\frac{18}{361}$	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{343}{722}$	$\Phi_{2166}\ \Phi_{1083}\ \Phi_{361}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{19}\ \Phi_6\ \Phi_3\ \Phi_1$
151922	1895	1200	$\frac{1}{20}$	$\frac{21}{400}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}\ \Phi_{300}^2\ \Phi_{240}^2\ \Phi_{200}\ \Phi_{150}^2\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
151923	1895	720	$\frac{1}{20}$	$\frac{19}{360}$	$\frac{1}{6}$	$\frac{341}{720}$	$\Phi_{720}^5\ \Phi_{240}^5\ \Phi_{144}^5\ \Phi_{80}^5\ \Phi_{60}^2\ \Phi_{48}^5\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{16}^5\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
151924	1895	684	$\frac{1}{38}$	$\frac{37}{342}$	$\frac{1}{6}$	$\frac{305}{684}$	$\Phi_{684}^5\ \Phi_{228}^5\ \Phi_{114}^2\ \Phi_{76}^5\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{36}^5\ \Phi_{19}\ \Phi_{12}^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
151925	1895	1824	$\frac{1}{76}$	$\frac{1}{6}$	$\frac{75}{304}$	$\frac{229}{608}$	$\Phi_{1824}^2\ \Phi_{608}\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{96}^2\ \Phi_{76}\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
151926	1895	3048	$\frac{2}{381}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{3048}\ \Phi_{1016}\ \Phi_{381}\ \Phi_{127}\ \Phi_8\ \Phi_1$
151927	1895	4536	$\frac{1}{189}$	$\frac{1}{4}$	$\frac{188}{567}$	$\frac{3}{8}$	$\Phi_{4536}\ \Phi_{648}\ \Phi_{567}\ \Phi_{81}\ \Phi_8\ \Phi_1$
151928	1895	504	$\frac{1}{126}$	$\frac{125}{504}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{504}^3\ \Phi_{252}^5\ \Phi_{168}^3\ \Phi_{126}^4\ \Phi_{84}^5\ \Phi_{72}^3\ \Phi_{63}^4\ \Phi_{56}^3\ \Phi_{42}^4\ \Phi_{36}^5\ \Phi_{28}^5\ \Phi_{24}^3\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^4\ \Phi_7^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
151929	1895	384	$\frac{5}{384}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{384}^5\ \Phi_{192}^5\ \Phi_{128}^5\ \Phi_{96}^5\ \Phi_{64}^5\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{24}^3\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
151930	1895	3080	$\frac{6}{385}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{385}\ \Phi_{280}\ \Phi_{88}\ \Phi_{77}\ \Phi_{55}\ \Phi_{40}\ \Phi_{35}\ \Phi_{11}\ \Phi_8\ \Phi_5\ \Phi_1$
151931	1895	3528	$\frac{1}{63}$	$\frac{62}{441}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{441}\ \Phi_{392}\ \Phi_{147}\ \Phi_{49}\ \Phi_8\ \Phi_1$
151932	1895	432	$\frac{1}{54}$	$\frac{53}{432}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{432}^5\ \Phi_{216}^3\ \Phi_{144}^5\ \Phi_{108}^5\ \Phi_{72}^3\ \Phi_{54}^4\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{27}^4\ \Phi_{24}^3\ \Phi_{18}^4\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
151933	1895	3096	$\frac{8}{387}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3096}\ \Phi_{1032}\ \Phi_{387}\ \Phi_{344}\ \Phi_{129}\ \Phi_{43}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
151934	1895	840	$\frac{1}{42}$	$\frac{41}{420}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^4\ \Phi_{420}\ \Phi_{280}^4\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}^4\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{40}^4\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
151935	1895	392	$\frac{13}{392}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{392}^5\ \Phi_{196}^5\ \Phi_{98}^5\ \Phi_{56}^3\ \Phi_{49}^5\ \Phi_{28}^5\ \Phi_{14}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
151936	1895	3240	$\frac{1}{27}$	$\frac{26}{405}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{405}\ \Phi_{360}\ \Phi_{135}\ \Phi_{120}\ \Phi_{81}\ \Phi_{45}\ \Phi_{40}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
151937	1895	792	$\frac{17}{396}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}^4\ \Phi_{396}\ \Phi_{264}^4\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}^4\ \Phi_{72}^2\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_8^3\ \Phi_4\ \Phi_1$
151938	1895	3192	$\frac{1}{21}$	$\frac{20}{399}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{399}\ \Phi_{152}\ \Phi_{133}\ \Phi_{57}\ \Phi_{19}\ \Phi_8\ \Phi_1$
151939	1895	570	$\frac{1}{95}$	$\frac{1}{6}$	$\frac{94}{285}$	$\frac{191}{570}$	$\Phi_{570}^3\ \Phi_{285}^4\ \Phi_{190}^3\ \Phi_{114}^3\ \Phi_{95}^4\ \Phi_{57}^4\ \Phi_{38}^3\ \Phi_{30}^3\ \Phi_{19}^3\ \Phi_{15}^4\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
151940	1895	564	$\frac{3}{188}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{185}{564}$	$\Phi_{564}^3\ \Phi_{282}^3\ \Phi_{188}^4\ \Phi_{141}^3\ \Phi_{94}^4\ \Phi_{47}^4\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
151941	1895	456	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{77}{456}$	$\frac{37}{114}$	$\Phi_{456}^5\ \Phi_{228}^5\ \Phi_{152}^5\ \Phi_{114}^2\ \Phi_{76}^5\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{24}^5\ \Phi_{19}\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
151942	1895	420	$\frac{1}{20}$	$\frac{41}{420}$	$\frac{1}{6}$	$\frac{19}{60}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^5\ \Phi_{105}^5\ \Phi_{84}^5\ \Phi_{70}^5\ \Phi_{60}^2\ \Phi_{42}^5\ \Phi_{35}^5\ \Phi_{30}^2\ \Phi_{28}^5\ \Phi_{21}^5\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{14}^5\ \Phi_{12}^2\ \Phi_{10}\ \Phi_7^5\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
151943	1895	540	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{1}{6}$	$\frac{161}{540}$	$\Phi_{540}^5\ \Phi_{270}^5\ \Phi_{135}^5\ \Phi_{108}^5\ \Phi_{60}^2\ \Phi_{54}^5\ \Phi_{30}^2\ \Phi_{27}^5\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
151944	1895	390	$\frac{11}{390}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{390}^5\ \Phi_{195}^5\ \Phi_{130}^5\ \Phi_{78}^5\ \Phi_{65}^5\ \Phi_{39}^5\ \Phi_{30}^3\ \Phi_{26}^5\ \Phi_{15}^4\ \Phi_{13}^5\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
151945	1895	1500	$\frac{4}{125}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{121}{500}$	$\Phi_{1500}^2\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}^2\ \Phi_{150}\ \Phi_{125}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
151946	1895	480	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{101}{480}$	$\Phi_{480}^5\ \Phi_{240}^5\ \Phi_{160}^5\ \Phi_{96}^5\ \Phi_{80}^5\ \Phi_{60}^2\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{16}^5\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
151947	1895	1200	$\frac{21}{400}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}\ \Phi_{300}^2\ \Phi_{240}^2\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}^2\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
151948	1895	450	$\frac{4}{75}$	$\frac{71}{450}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{450}^5\ \Phi_{225}^5\ \Phi_{150}^2\ \Phi_{90}^5\ \Phi_{75}^3\ \Phi_{50}^2\ \Phi_{45}^5\ \Phi_{30}^3\ \Phi_{25}^3\ \Phi_{18}^5\ \Phi_{15}^4\ \Phi_{10}^3\ \Phi_9^5\ \Phi_6^2\ \Phi_5^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
151949	1896	1419	$\frac{1}{473}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{236}{473}$	$\Phi_{1419}\ \Phi_{473}^2\ \Phi_{129}\ \Phi_{43}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
151950	1896	379	$\frac{1}{379}$	$\frac{95}{379}$	$\frac{142}{379}$	$\frac{189}{379}$	$\Phi_{379}^5\ \Phi_1^6$
151951	1896	2847	$\frac{3}{949}$	$\frac{238}{949}$	$\frac{1}{3}$	$\frac{473}{949}$	$\Phi_{2847}\ \Phi_{219}\ \Phi_{39}$
151952	1896	315	$\frac{1}{315}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{157}{315}$	$\Phi_{315}^6\ \Phi_{105}^6\ \Phi_{63}^6\ \Phi_{45}^6\ \Phi_{35}^6\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_9^6\ \Phi_7^6\ \Phi_5^7\ \Phi_3^6\ \Phi_1^8$
151953	1896	1260	$\frac{1}{315}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{157}{315}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
151954	1896	1895	$\frac{7}{1895}$	$\frac{317}{1895}$	$\frac{789}{1895}$	$\frac{944}{1895}$	$\Phi_{1895}\ \Phi_{379}\ \Phi_5\ \Phi_1^2$
151955	1896	3304	$\frac{1}{236}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{235}{472}$	$\Phi_{3304}\ \Phi_{472}^2\ \Phi_{56}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
151956	1896	7080	$\frac{1}{236}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{235}{472}$	$\Phi_{7080}\ \Phi_{120}\ \Phi_{15}$
151957	1896	844	$\frac{1}{211}$	$\frac{1}{4}$	$\frac{53}{211}$	$\frac{105}{211}$	$\Phi_{844}^3\ \Phi_{422}^3\ \Phi_4^2\ \Phi_2^2$
151958	1896	1895	$\frac{9}{1895}$	$\frac{473}{1895}$	$\frac{476}{1895}$	$\frac{943}{1895}$	$\Phi_{1895}\ \Phi_{379}\ \Phi_5\ \Phi_1^2$
151959	1896	2847	$\frac{5}{949}$	$\frac{159}{949}$	$\frac{1}{3}$	$\frac{472}{949}$	$\Phi_{2847}\ \Phi_{219}\ \Phi_{39}$
151960	1896	1727	$\frac{1}{157}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{78}{157}$	$\Phi_{1727}\ \Phi_{157}^2\ \Phi_{11}^2\ \Phi_1^4$
151961	1896	3297	$\frac{1}{157}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{78}{157}$	$\Phi_{3297}\ \Phi_{21}^2$
151962	1896	1727	$\frac{1}{157}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{78}{157}$	$\Phi_{1727}\ \Phi_{157}^2\ \Phi_{11}^2\ \Phi_1^4$
151963	1896	3140	$\frac{1}{157}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{78}{157}$	$\Phi_{3140}\ \Phi_{1570}\ \Phi_{20}^2\ \Phi_{10}^2$
151964	1896	1895	$\frac{13}{1895}$	$\frac{159}{1895}$	$\frac{868}{1895}$	$\frac{941}{1895}$	$\Phi_{1895}\ \Phi_{379}\ \Phi_5\ \Phi_1^2$
151965	1896	470	$\frac{2}{235}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{233}{470}$	$\Phi_{470}^8\ \Phi_{94}^8\ \Phi_{10}^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
151966	1896	1895	$\frac{17}{1895}$	$\frac{239}{1895}$	$\frac{552}{1895}$	$\frac{939}{1895}$	$\Phi_{1895}\ \Phi_{379}\ \Phi_{5}\ \Phi_{1}^{2}$
151967	1896	2219	$\frac{3}{317}$	$\frac{1}{7}$	$\frac{80}{317}$	$\frac{157}{317}$	Φ_{2219}
151968	1896	1895	$\frac{19}{1895}$	$\frac{319}{1895}$	$\frac{394}{1895}$	$\frac{938}{1895}$	$\Phi_{1895}\ \Phi_{379}\ \Phi_{5}\ \Phi_{1}^{2}$
151969	1896	95	$\frac{1}{95}$	$\frac{16}{95}$	$\frac{1}{5}$	$\frac{47}{95}$	$\Phi_{95}^{20}\ \Phi_{19}^{20}\ \Phi_{5}^{19}\ \Phi_{1}^{20}$
151970	1896	2532	$\frac{7}{633}$	$\frac{80}{633}$	$\frac{1}{4}$	$\frac{313}{633}$	$\Phi_{2532}\ \Phi_{1266}\ \Phi_{844}\ \Phi_{422}\ \Phi_{12}\ \Phi_{6}$
151971	1896	1895	$\frac{21}{1895}$	$\frac{236}{1895}$	$\frac{479}{1895}$	$\frac{937}{1895}$	$\Phi_{1895}\ \Phi_{379}\ \Phi_{5}\ \Phi_{1}^{2}$
151972	1896	625	$\frac{7}{625}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{309}{625}$	$\Phi_{625}^{3}\ \Phi_{125}^{3}\ \Phi_{25}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
151973	1896	2847	$\frac{11}{949}$	$\frac{80}{949}$	$\frac{1}{3}$	$\frac{469}{949}$	$\Phi_{2847}\ \Phi_{219}\ \Phi_{39}$
151974	1896	3588	$\frac{1}{78}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{77}{156}$	$\Phi_{3588}\ \Phi_{1196}\ \Phi_{276}\ \Phi_{156}^{2}\ \Phi_{92}\ \Phi_{52}^{2}\ \Phi_{23}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
151975	1896	156	$\frac{1}{78}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{77}{156}$	$\Phi_{156}^{24}\ \Phi_{52}^{24}\ \Phi_{39}\ \Phi_{12}^{24}\ \Phi_{4}^{24}$
151976	1896	3588	$\frac{1}{78}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{77}{156}$	$\Phi_{3588}\ \Phi_{1196}\ \Phi_{276}\ \Phi_{156}^{2}\ \Phi_{92}\ \Phi_{52}^{2}\ \Phi_{23}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
151977	1896	468	$\frac{1}{78}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{77}{156}$	$\Phi_{468}^{3}\ \Phi_{234}^{6}\ \Phi_{156}^{2}\ \Phi_{117}^{6}\ \Phi_{78}^{4}\ \Phi_{52}^{2}\ \Phi_{39}^{4}\ \Phi_{36}^{4}\ \Phi_{26}^{4}\ \Phi_{18}^{7}\ \Phi_{13}^{4}\ \Phi_{12}^{3}\ \Phi_{9}^{6}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
151978	1896	3588	$\frac{1}{78}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{77}{156}$	$\Phi_{3588}\ \Phi_{1196}\ \Phi_{276}\ \Phi_{156}^{2}\ \Phi_{92}\ \Phi_{52}^{2}\ \Phi_{23}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
151979	1896	5460	$\frac{1}{78}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{77}{156}$	$\Phi_{5460}\ \Phi_{1820}\ \Phi_{420}\ \Phi_{140}\ \Phi_{35}$
151980	1896	379	$\frac{5}{379}$	$\frac{63}{379}$	$\frac{64}{379}$	$\frac{187}{379}$	$\Phi_{379}^{5}\ \Phi_{1}^{6}$
151981	1896	1533	$\frac{1}{73}$	$\frac{37}{511}$	$\frac{1}{3}$	$\frac{36}{73}$	$\Phi_{1533}^{2}\ \Phi_{219}\ \Phi_{21}^{2}$
151982	1896	1378	$\frac{1}{53}$	$\frac{1}{13}$	$\frac{27}{106}$	$\frac{26}{53}$	$\Phi_{1378}^{2}\ \Phi_{689}\ \Phi_{26}^{2}$
151983	1896	925	$\frac{23}{925}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{451}{925}$	$\Phi_{925}^{2}\ \Phi_{185}^{2}\ \Phi_{37}^{2}\ \Phi_{25}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
151984	1896	1386	$\frac{2}{77}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{75}{154}$	$\Phi_{1386}^{3}\ \Phi_{462}^{3}\ \Phi_{198}^{3}\ \Phi_{126}^{3}\ \Phi_{66}^{3}\ \Phi_{63}\ \Phi_{42}^{3}\ \Phi_{21}\ \Phi_{18}^{3}\ \Phi_{6}^{3}$
151985	1896	2448	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{35}{272}$	$\frac{33}{68}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{816}\ \Phi_{408}\ \Phi_{306}\ \Phi_{153}\ \Phi_{144}\ \Phi_{102}\ \Phi_{72}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_{18}\ \Phi_{6}$
151986	1896	3800	$\frac{3}{76}$	$\frac{1}{25}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{3800}\ \Phi_{760}\ \Phi_{200}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
151987	1896	760	$\frac{3}{76}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{73}{152}$	$\Phi_{760}^{6}\ \Phi_{95}\ \Phi_{40}^{6}$
151988	1896	250	$\frac{1}{25}$	$\frac{13}{250}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{250}^{8}\ \Phi_{125}^{8}\ \Phi_{50}^{8}\ \Phi_{25}^{4}\ \Phi_{10}^{8}\ \Phi_{5}^{3}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
151989	1896	1863	$\frac{2}{81}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{1863}\ \Phi_{621}\ \Phi_{207}\ \Phi_{81}^{2}\ \Phi_{27}^{2}\ \Phi_{23}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
151990	1896	2691	$\frac{1}{39}$	$\frac{1}{23}$	$\frac{38}{117}$	$\frac{11}{23}$	$\Phi_{2691}\ \Phi_{207}\ \Phi_{117}^{2}\ \Phi_{23}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
151991	1896	2392	$\frac{1}{26}$	$\frac{1}{23}$	$\frac{25}{104}$	$\frac{11}{23}$	$\Phi_{2392}\ \Phi_{1196}\ \Phi_{184}\ \Phi_{104}^{2}\ \Phi_{92}\ \Phi_{52}^{2}\ \Phi_{23}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
151992	1896	1932	$\frac{1}{23}$	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{11}{23}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{276}\ \Phi_{161}\ \Phi_{92}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{23}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
151993	1896	2093	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{11}{23}$	$\Phi_{2093}\ \Phi_{161}\ \Phi_{91}^{2}\ \Phi_{23}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
151994	1896	1805	$\frac{4}{95}$	$\frac{91}{1805}$	$\frac{1}{5}$	$\frac{857}{1805}$	$\Phi_{1805}\ \Phi_{361}\ \Phi_{95}^{2}\ \Phi_{19}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
151995	1896	1235	$\frac{10}{247}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{1235}^{2}\ \Phi_{95}\ \Phi_{65}^{2}$
151996	1896	150	$\frac{1}{25}$	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{150}^{24}\ \Phi_{50}^{24}\ \Phi_{30}^{24}\ \Phi_{25}^{4}\ \Phi_{10}^{24}\ \Phi_{6}^{24}\ \Phi_{5}^{3}\ \Phi_{2}^{24}\ \Phi_{1}^{4}$
151997	1896	4032	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{211}{448}$	$\Phi_{4032}\ \Phi_{1344}\ \Phi_{576}\ \Phi_{192}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{6}$
151998	1896	2400	$\frac{1}{25}$	$\frac{1}{16}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
151999	1896	252	$\frac{5}{84}$	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{28}$	$\Phi_{252}^{8}\ \Phi_{126}^{9}\ \Phi_{84}^{5}\ \Phi_{63}^{9}\ \Phi_{42}^{6}\ \Phi_{36}^{8}\ \Phi_{28}^{6}\ \Phi_{21}^{6}\ \Phi_{18}^{9}\ \Phi_{14}^{6}\ \Phi_{12}^{5}\ \Phi_{9}^{8}\ \Phi_{7}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
152000	1896	3978	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{1}{9}$	$\frac{205}{442}$	$\Phi_{3978}\ \Phi_{1326}\ \Phi_{306}\ \Phi_{234}\ \Phi_{153}\ \Phi_{102}\ \Phi_{78}\ \Phi_{51}\ \Phi_{18}\ \Phi_{6}$
152001	1896	1443	$\frac{7}{481}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1443}^{2}\ \Phi_{111}^{2}\ \Phi_{39}$
152002	1896	438	$\frac{1}{73}$	$\frac{6}{73}$	$\frac{1}{3}$	$\frac{67}{146}$	$\Phi_{438}^{12}\ \Phi_{219}\ \Phi_{6}^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
152003	1896	2640	$\frac{1}{80}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}^2\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2$
152004	1896	3600	$\frac{1}{25}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{144}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
152005	1896	285	$\frac{2}{95}$	$\frac{31}{285}$	$\frac{1}{5}$	$\frac{127}{285}$	$\Phi_{285}^6\ \Phi_{95}^8\ \Phi_{57}^6\ \Phi_{19}^8\ \Phi_{15}^6\ \Phi_5^7\ \Phi_3^6\ \Phi_1^8$
152006	1896	400	$\frac{1}{80}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{400}^5\ \Phi_{200}^5\ \Phi_{100}^5\ \Phi_{80}^4\ \Phi_{50}^5\ \Phi_{40}^4\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
152007	1896	700	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{140}$	$\Phi_{700}^5\ \Phi_{140}^4\ \Phi_{100}^5\ \Phi_{50}^5\ \Phi_{28}^4\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
152008	1896	826	$\frac{1}{118}$	$\frac{1}{7}$	$\frac{39}{118}$	$\frac{3}{7}$	$\Phi_{826}^2\ \Phi_{413}^2\ \Phi_{118}^4\ \Phi_{59}^4\ \Phi_{14}^2\ \Phi_7^3\ \Phi_2^4\ \Phi_1^6$
152009	1896	560	$\frac{1}{80}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^3\ \Phi_{80}^6\ \Phi_{70}^3\ \Phi_{56}^3\ \Phi_{40}^6\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{20}^6\ \Phi_{16}^6\ \Phi_{14}^2\ \Phi_{10}^6\ \Phi_8^6\ \Phi_7^3\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
152010	1896	2065	$\frac{1}{59}$	$\frac{1}{7}$	$\frac{58}{295}$	$\frac{3}{7}$	$\Phi_{2065}\ \Phi_{295}^2\ \Phi_{35}\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
152011	1896	1224	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{11}{68}$	$\frac{57}{136}$	$\Phi_{1224}^3\ \Phi_{408}^3\ \Phi_{306}\ \Phi_{153}\ \Phi_{102}\ \Phi_{72}^3\ \Phi_{51}\ \Phi_{24}^3\ \Phi_{18}\ \Phi_6$
152012	1896	1895	$\frac{17}{1895}$	$\frac{313}{1895}$	$\frac{552}{1895}$	$\frac{791}{1895}$	$\Phi_{1895}\ \Phi_{379}\ \Phi_5\ \Phi_1^2$
152013	1896	2847	$\frac{7}{949}$	$\frac{157}{949}$	$\frac{1}{3}$	$\frac{396}{949}$	$\Phi_{2847}\ \Phi_{219}\ \Phi_{39}$
152014	1896	1895	$\frac{14}{1895}$	$\frac{317}{1895}$	$\frac{627}{1895}$	$\frac{789}{1895}$	$\Phi_{1895}\ \Phi_{379}\ \Phi_5\ \Phi_1^2$
152015	1896	795	$\frac{1}{159}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{795}^2\ \Phi_{265}^2\ \Phi_{159}^4\ \Phi_{53}^4\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
152016	1896	105	$\frac{1}{105}$	$\frac{1}{5}$	$\frac{26}{105}$	$\frac{2}{5}$	$\Phi_{105}^{18}\ \Phi_{35}^{18}\ \Phi_{21}^{18}\ \Phi_{15}^{18}\ \Phi_7^{18}\ \Phi_5^{19}\ \Phi_3^{18}\ \Phi_1^{20}$
152017	1896	80	$\frac{1}{80}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{80}^{24}\ \Phi_{40}^{24}\ \Phi_{20}^{24}\ \Phi_{16}^{24}\ \Phi_{10}^{24}\ \Phi_8^{24}\ \Phi_5^{19}\ \Phi_4^{24}\ \Phi_2^{24}\ \Phi_1^{20}$
152018	1896	945	$\frac{1}{63}$	$\frac{31}{189}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{945}^2\ \Phi_{315}\ \Phi_{189}^4\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{35}\ \Phi_{27}^4\ \Phi_{21}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
152019	1896	805	$\frac{3}{161}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{805}^2\ \Phi_{161}^4\ \Phi_{115}^2\ \Phi_{35}\ \Phi_{23}^4\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
152020	1896	90	$\frac{1}{45}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{90}^{24}\ \Phi_{45}^{18}\ \Phi_{30}^{24}\ \Phi_{18}^{24}\ \Phi_{15}^{18}\ \Phi_{10}^{24}\ \Phi_9^{18}\ \Phi_6^{24}\ \Phi_5^{19}\ \Phi_3^{18}\ \Phi_2^{24}\ \Phi_1^{20}$
152021	1896	405	$\frac{2}{81}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^8\ \Phi_{45}^3\ \Phi_{27}^8\ \Phi_{15}^3\ \Phi_9^6\ \Phi_5^4\ \Phi_3^6\ \Phi_1^8$
152022	1896	175	$\frac{1}{35}$	$\frac{17}{175}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{175}^{12}\ \Phi_{35}^6\ \Phi_{25}^{12}\ \Phi_7^6\ \Phi_5^7\ \Phi_1^8$
152023	1896	245	$\frac{8}{245}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{245}^8\ \Phi_{49}^8\ \Phi_{35}^6\ \Phi_7^6\ \Phi_5^7\ \Phi_1^8$
152024	1896	165	$\frac{7}{165}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{165}^{12}\ \Phi_{55}^{12}\ \Phi_{33}^{12}\ \Phi_{15}^6\ \Phi_{11}^{12}\ \Phi_5^7\ \Phi_3^6\ \Phi_1^8$
152025	1896	420	$\frac{1}{21}$	$\frac{5}{84}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^3\ \Phi_{84}^8\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^8\ \Phi_{35}^3\ \Phi_{30}^4\ \Phi_{28}^8\ \Phi_{21}^6\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{14}^8\ \Phi_{12}^8\ \Phi_{10}^4\ \Phi_7^6\ \Phi_6^8\ \Phi_5^4\ \Phi_4^8\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
152026	1896	2067	$\frac{1}{159}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{2067}\ \Phi_{689}\ \Phi_{39}$
152027	1896	3200	$\frac{1}{25}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{400}\ \Phi_{200}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
152028	1896	380	$\frac{1}{95}$	$\frac{1}{5}$	$\frac{47}{190}$	$\frac{143}{380}$	$\Phi_{380}^8\ \Phi_{95}^4\ \Phi_{76}^8\ \Phi_{20}^8\ \Phi_{19}^4\ \Phi_5^3\ \Phi_4^8\ \Phi_1^4$
152029	1896	1895	$\frac{19}{1895}$	$\frac{394}{1895}$	$\frac{469}{1895}$	$\frac{713}{1895}$	$\Phi_{1895}\ \Phi_{379}\ \Phi_5\ \Phi_1^2$
152030	1896	2532	$\frac{5}{633}$	$\frac{157}{633}$	$\frac{1}{4}$	$\frac{238}{633}$	$\Phi_{2532}\ \Phi_{1266}\ \Phi_{844}\ \Phi_{422}\ \Phi_{12}\ \Phi_6$
152031	1896	379	$\frac{3}{379}$	$\frac{94}{379}$	$\frac{95}{379}$	$\frac{142}{379}$	$\Phi_{379}^5\ \Phi_1^6$
152032	1896	400	$\frac{1}{80}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{400}^5\ \Phi_{200}^5\ \Phi_{100}^5\ \Phi_{80}^4\ \Phi_{50}^5\ \Phi_{40}^4\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
152033	1896	600	$\frac{1}{25}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{600}^5\ \Phi_{200}^5\ \Phi_{120}^4\ \Phi_{100}^5\ \Phi_{50}^5\ \Phi_{40}^4\ \Phi_{25}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
152034	1896	379	$\frac{4}{379}$	$\frac{63}{379}$	$\frac{125}{379}$	$\frac{127}{379}$	$\Phi_{379}^5\ \Phi_1^6$
152035	1896	475	$\frac{4}{475}$	$\frac{1}{5}$	$\frac{157}{475}$	$\frac{159}{475}$	$\Phi_{475}^4\ \Phi_{95}^4\ \Phi_{25}^4\ \Phi_{19}^4\ \Phi_5^3\ \Phi_1^4$
152036	1896	1895	$\frac{8}{1895}$	$\frac{629}{1895}$	$\frac{631}{1895}$	$\frac{633}{1895}$	$\Phi_{1895}\ \Phi_{379}\ \Phi_5\ \Phi_1^2$
152037	1896	2847	$\frac{4}{949}$	$\frac{315}{949}$	$\frac{1}{3}$	$\frac{317}{949}$	$\Phi_{2847}\ \Phi_{219}\ \Phi_{39}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
152038	1896	714	$\frac{1}{238}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{714}^3\ \Phi_{357}^3\ \Phi_{238}^2\ \Phi_{119}^2\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{42}^3\ \Phi_{34}^2\ \Phi_{21}^3\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^3\ \Phi_2^2$
152039	1896	1419	$\frac{2}{473}$	$\frac{157}{473}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1419}\ \Phi_{473}^2\ \Phi_{129}\ \Phi_{43}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
152040	1896	636	$\frac{1}{159}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{636}^4\ \Phi_{318}^4\ \Phi_{212}^4\ \Phi_{106}^4\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
152041	1896	1419	$\frac{5}{473}$	$\frac{78}{473}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1419}\ \Phi_{473}^2\ \Phi_{129}\ \Phi_{43}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
152042	1896	1680	$\frac{1}{80}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}^2\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{112}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{14}^2$
152043	1896	726	$\frac{5}{242}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{726}^2\ \Phi_{363}^2\ \Phi_{242}^4\ \Phi_{121}^4\ \Phi_{66}^2\ \Phi_{33}\ \Phi_{22}^4\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
152044	1896	258	$\frac{1}{43}$	$\frac{7}{86}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{258}^6\ \Phi_{129}^5\ \Phi_{86}^{12}\ \Phi_{43}^{10}\ \Phi_6^6\ \Phi_3^6\ \Phi_2^{12}\ \Phi_1^{12}$
152045	1896	1053	$\frac{2}{81}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1053}^2\ \Phi_{351}^2\ \Phi_{117}^2\ \Phi_{39}$
152046	1896	3780	$\frac{2}{315}$	$\frac{1}{4}$	$\frac{313}{945}$	$\frac{1}{3}$	$\Phi_{3780}\ \Phi_{1890}\ \Phi_{756}\ \Phi_{540}\ \Phi_{378}\ \Phi_{270}\ \Phi_{108}\ \Phi_{54}\ \Phi_{12}\ \Phi_6$
152047	1896	1770	$\frac{1}{118}$	$\frac{1}{5}$	$\frac{39}{118}$	$\frac{1}{3}$	$\Phi_{1770}^2\ \Phi_{885}^2\ \Phi_{30}^2\ \Phi_{15}^3$
152048	1896	2847	$\frac{10}{949}$	$\frac{159}{949}$	$\frac{313}{949}$	$\frac{1}{3}$	$\Phi_{2847}\ \Phi_{219}\ \Phi_{39}$
152049	1896	1095	$\frac{1}{73}$	$\frac{49}{365}$	$\frac{24}{73}$	$\frac{1}{3}$	$\Phi_{1095}^3\ \Phi_{219}\ \Phi_{15}^3$
152050	1896	117	$\frac{1}{39}$	$\frac{1}{13}$	$\frac{38}{117}$	$\frac{1}{3}$	$\Phi_{117}^{24}\ \Phi_{39}\ \Phi_9^{24}$
152051	1896	975	$\frac{9}{325}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{975}^3\ \Phi_{195}^3\ \Phi_{75}^3\ \Phi_{39}\ \Phi_{15}^3$
152052	1896	1863	$\frac{2}{81}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{1863}\ \Phi_{621}\ \Phi_{207}\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_{23}\ \Phi_9^2\ \Phi_1^2$
152053	1896	219	$\frac{1}{73}$	$\frac{12}{73}$	$\frac{61}{219}$	$\frac{1}{3}$	$\Phi_{219}^7\ \Phi_{73}^{12}\ \Phi_3^6\ \Phi_1^{12}$
152054	1896	2640	$\frac{1}{80}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}^2\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2$
152055	1896	2847	$\frac{9}{949}$	$\frac{235}{949}$	$\frac{238}{949}$	$\frac{1}{3}$	$\Phi_{2847}\ \Phi_{219}\ \Phi_{39}$
152056	1896	420	$\frac{1}{105}$	$\frac{26}{105}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^6\ \Phi_{210}^6\ \Phi_{140}^6\ \Phi_{84}^6\ \Phi_{70}^6\ \Phi_{60}^6\ \Phi_{42}^6\ \Phi_{30}^6\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_{14}^6\ \Phi_{12}^7\ \Phi_{10}^6\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
152057	1896	2556	$\frac{7}{639}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2556}\ \Phi_{1278}\ \Phi_{852}\ \Phi_{426}\ \Phi_{284}\ \Phi_{142}\ \Phi_{12}\ \Phi_6$
152058	1896	240	$\frac{1}{80}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{240}^{12}\ \Phi_{120}^{12}\ \Phi_{60}^{11}\ \Phi_{48}^{12}\ \Phi_{30}^{11}\ \Phi_{24}^{12}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_6^{12}\ \Phi_3^{12}$
152059	1896	756	$\frac{1}{63}$	$\frac{31}{189}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{756}^4\ \Phi_{378}^4\ \Phi_{252}^2\ \Phi_{126}^2\ \Phi_{108}^4\ \Phi_{84}^2\ \Phi_{54}^4\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
152060	1896	1932	$\frac{3}{161}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1932}^2\ \Phi_{966}^2\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_6^2$
152061	1896	2940	$\frac{2}{105}$	$\frac{103}{735}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{980}\ \Phi_{588}\ \Phi_{490}\ \Phi_{294}\ \Phi_{196}\ \Phi_{98}\ \Phi_{12}\ \Phi_6$
152062	1896	2580	$\frac{13}{645}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{860}\ \Phi_{516}\ \Phi_{430}\ \Phi_{258}\ \Phi_{172}\ \Phi_{86}\ \Phi_{12}\ \Phi_6$
152063	1896	180	$\frac{1}{45}$	$\frac{11}{90}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^{14}\ \Phi_{90}^6\ \Phi_{60}^{14}\ \Phi_{45}^8\ \Phi_{36}^{14}\ \Phi_{30}^6\ \Phi_{20}^{14}\ \Phi_{18}^6\ \Phi_{15}^8\ \Phi_{12}^{15}\ \Phi_{10}^6\ \Phi_9^8\ \Phi_6^7\ \Phi_5^8\ \Phi_4^{14}\ \Phi_3^8\ \Phi_2^6\ \Phi_1^8$
152064	1896	324	$\frac{2}{81}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{324}^8\ \Phi_{162}^8\ \Phi_{108}^8\ \Phi_{54}^8\ \Phi_{36}^6\ \Phi_{18}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
152065	1896	2100	$\frac{1}{35}$	$\frac{17}{175}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2100}^2\ \Phi_{1050}^2\ \Phi_{420}\ \Phi_{300}^2\ \Phi_{210}\ \Phi_{150}^2\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
152066	1896	2604	$\frac{19}{651}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2604}\ \Phi_{1302}\ \Phi_{868}\ \Phi_{434}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{62}\ \Phi_{12}\ \Phi_6$
152067	1896	2772	$\frac{2}{63}$	$\frac{61}{693}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{462}\ \Phi_{396}\ \Phi_{308}\ \Phi_{198}\ \Phi_{154}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{22}\ \Phi_{12}\ \Phi_6$
152068	1896	660	$\frac{7}{165}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{220}^4\ \Phi_{132}^4\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{60}^2\ \Phi_{44}^4\ \Phi_{30}^2\ \Phi_{22}^4\ \Phi_{20}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
152069	1896	2700	$\frac{2}{45}$	$\frac{43}{675}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{900}\ \Phi_{540}\ \Phi_{450}\ \Phi_{300}\ \Phi_{270}\ \Phi_{150}\ \Phi_{108}\ \Phi_{100}\ \Phi_{54}\ \Phi_{50}\ \Phi_{12}\ \Phi_6$
152070	1896	84	$\frac{1}{21}$	$\frac{5}{84}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{84}^{22}\ \Phi_{42}^{22}\ \Phi_{28}^{22}\ \Phi_{21}^{24}\ \Phi_{14}^{22}\ \Phi_{12}^{23}\ \Phi_7^{24}\ \Phi_6^{23}\ \Phi_4^{22}\ \Phi_3^{24}\ \Phi_2^{22}\ \Phi_1^{24}$
152071	1896	876	$\frac{1}{73}$	$\frac{55}{292}$	$\frac{18}{73}$	$\frac{1}{3}$	$\Phi_{876}^4\ \Phi_{438}^4\ \Phi_{219}\ \Phi_{12}^4\ \Phi_6^4$
152072	1896	312	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{25}{104}$	$\frac{1}{3}$	$\Phi_{312}^{12}\ \Phi_{156}^{12}\ \Phi_{39}\ \Phi_{24}^{12}\ \Phi_{12}^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
152073	1896	741	$\frac{10}{247}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{741}^4\ \Phi_{57}^4\ \Phi_{39}$
152074	1896	1863	$\frac{2}{81}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{1863}\ \Phi_{621}\ \Phi_{207}\ \Phi_{81}^2\ \Phi_{27}^2\ \Phi_{23}\ \Phi_9^2\ \Phi_1^2$
152075	1896	885	$\frac{1}{59}$	$\frac{58}{295}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{885}^3\ \Phi_{177}^4\ \Phi_{15}^4\ \Phi_3^4$
152076	1896	2835	$\frac{2}{81}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2835}\ \Phi_{945}\ \Phi_{315}\ \Phi_{35}$
152077	1896	195	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{37}{195}$	$\frac{1}{3}$	$\Phi_{195}^{12}\ \Phi_{65}^{12}\ \Phi_{39}\ \Phi_{15}^{12}\ \Phi_5^{12}$
152078	1896	1092	$\frac{5}{84}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{156}^2\ \Phi_{91}^2\ \Phi_{52}^2\ \Phi_{39}$
152079	1896	507	$\frac{11}{169}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{3}$	$\Phi_{507}^6\ \Phi_{39}$
152080	1896	273	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{3}$	$\Phi_{273}^{12}\ \Phi_{39}\ \Phi_{21}^{12}$
152081	1896	780	$\frac{1}{13}$	$\frac{23}{260}$	$\frac{3}{26}$	$\frac{1}{3}$	$\Phi_{780}^4\ \Phi_{390}^4\ \Phi_{195}^4\ \Phi_{156}^4\ \Phi_{60}^4\ \Phi_{39}\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{12}^4$
152082	1896	351	$\frac{1}{13}$	$\frac{35}{351}$	$\frac{4}{39}$	$\frac{1}{3}$	$\Phi_{351}^6\ \Phi_{117}^6\ \Phi_{39}\ \Phi_{27}^6\ \Phi_9^6$
152083	1896	235	$\frac{4}{235}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{77}{235}$	$\Phi_{235}^8\ \Phi_{47}^8\ \Phi_5^{11}\ \Phi_1^{12}$
152084	1896	95	$\frac{2}{95}$	$\frac{16}{95}$	$\frac{1}{5}$	$\frac{31}{95}$	$\Phi_{95}^{20}\ \Phi_{19}^{20}\ \Phi_5^{19}\ \Phi_1^{20}$
152085	1896	2691	$\frac{1}{39}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{38}{117}$	$\Phi_{2691}\ \Phi_{207}\ \Phi_{117}^2\ \Phi_{23}\ \Phi_9^2\ \Phi_1^2$
152086	1896	468	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{38}{117}$	$\Phi_{468}^5\ \Phi_{234}^5\ \Phi_{156}^6\ \Phi_{78}^6\ \Phi_{52}^6\ \Phi_{36}^6\ \Phi_{26}^6\ \Phi_{18}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
152087	1896	2691	$\frac{1}{39}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{38}{117}$	$\Phi_{2691}\ \Phi_{207}\ \Phi_{117}^2\ \Phi_{23}\ \Phi_9^2\ \Phi_1^2$
152088	1896	4095	$\frac{1}{39}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{38}{117}$	$\Phi_{4095}\ \Phi_{315}\ \Phi_{35}$
152089	1896	306	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{23}{102}$	$\frac{11}{34}$	$\Phi_{306}^7\ \Phi_{153}^7\ \Phi_{102}^4\ \Phi_{51}^4\ \Phi_{34}^6\ \Phi_{18}^7\ \Phi_{17}^6\ \Phi_9^6\ \Phi_6^4\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
152090	1896	175	$\frac{1}{25}$	$\frac{17}{175}$	$\frac{1}{5}$	$\frac{8}{25}$	$\Phi_{175}^{12}\ \Phi_{35}^{12}\ \Phi_{25}^4\ \Phi_7^{12}\ \Phi_5^3\ \Phi_1^4$
152091	1896	855	$\frac{1}{19}$	$\frac{13}{171}$	$\frac{1}{5}$	$\frac{6}{19}$	$\Phi_{855}^3\ \Phi_{285}^3\ \Phi_{95}\ \Phi_{45}^3\ \Phi_{15}^3$
152092	1896	570	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{1}{5}$	$\frac{35}{114}$	$\Phi_{570}^6\ \Phi_{285}^6\ \Phi_{95}\ \Phi_{30}^6\ \Phi_{15}^6$
152093	1896	2392	$\frac{1}{26}$	$\frac{2}{23}$	$\frac{25}{104}$	$\frac{7}{23}$	$\Phi_{2392}\ \Phi_{1196}\ \Phi_{184}\ \Phi_{104}^2\ \Phi_{92}\ \Phi_{52}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
152094	1896	1932	$\frac{5}{84}$	$\frac{2}{23}$	$\frac{1}{6}$	$\frac{7}{23}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{276}\ \Phi_{161}\ \Phi_{92}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2$ $\Phi_{23}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
152095	1896	2093	$\frac{1}{13}$	$\frac{2}{23}$	$\frac{12}{91}$	$\frac{7}{23}$	$\Phi_{2093}\ \Phi_{161}\ \Phi_{91}^2\ \Phi_{23}\ \Phi_7^2\ \Phi_1^2$
152096	1896	225	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{1}{5}$	$\frac{67}{225}$	$\Phi_{225}^{12}\ \Phi_{45}^{12}\ \Phi_{25}^4\ \Phi_9^{12}\ \Phi_5^3\ \Phi_1^4$
152097	1896	1008	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{112}$	$\frac{33}{112}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^3\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^3\ \Phi_{48}^2$ $\Phi_{42}^3\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{21}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
152098	1896	2400	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{80}$ $\Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
152099	1896	252	$\frac{5}{84}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{252}^9\ \Phi_{126}^9\ \Phi_{84}^6\ \Phi_{63}^7\ \Phi_{42}^6\ \Phi_{36}^9\ \Phi_{28}^6\ \Phi_{21}^4\ \Phi_{18}^9\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_9^6$ $\Phi_7^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
152100	1896	325	$\frac{9}{325}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{325}^6\ \Phi_{65}^6\ \Phi_{25}^4\ \Phi_{13}^6\ \Phi_5^3\ \Phi_1^4$
152101	1896	450	$\frac{1}{25}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{450}^5\ \Phi_{225}^5\ \Phi_{150}^5\ \Phi_{90}^4\ \Phi_{50}^5\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{18}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4$ $\Phi_5^3\ \Phi_2^4\ \Phi_1^4$
152102	1896	844	$\frac{3}{211}$	$\frac{52}{211}$	$\frac{1}{4}$	$\frac{53}{211}$	$\Phi_{844}^3\ \Phi_{422}^3\ \Phi_4^2\ \Phi_2^2$
152103	1896	936	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{25}{104}$	$\frac{1}{4}$	$\Phi_{936}^3\ \Phi_{468}\ \Phi_{312}^3\ \Phi_{234}^2\ \Phi_{156}\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{72}^3\ \Phi_{39}^2\ \Phi_{36}^2\ \Phi_{24}^3$ $\Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
152104	1896	252	$\frac{5}{84}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{252}^9\ \Phi_{126}^9\ \Phi_{84}^6\ \Phi_{63}^9\ \Phi_{42}^6\ \Phi_{36}^4\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{18}^7\ \Phi_{14}^6\ \Phi_{12}^3\ \Phi_9^6$ $\Phi_7^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
152105	1896	3276	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{12}{91}$	$\frac{1}{4}$	$\Phi_{3276}\ \Phi_{1638}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}$ Φ_6
152106	1896	625	$\frac{21}{625}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{151}{625}$	$\Phi_{625}^3\ \Phi_{125}^3\ \Phi_{25}^4\ \Phi_5^3\ \Phi_1^4$
152107	1896	2392	$\frac{1}{26}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{25}{104}$	$\Phi_{2392}\ \Phi_{1196}\ \Phi_{184}\ \Phi_{104}^2\ \Phi_{92}\ \Phi_{52}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
152108	1896	3640	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{25}{104}$	$\Phi_{3640}\ \Phi_{1820}\ \Phi_{280}\ \Phi_{140}\ \Phi_{35}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
152109	1896	1330	$\frac{1}{19}$	$\frac{29}{266}$	$\frac{1}{5}$	$\frac{9}{38}$	$\Phi_{1330}^2\ \Phi_{665}^2\ \Phi_{95}\ \Phi_{70}^2\ \Phi_{35}^2$
152110	1896	2520	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{43}{280}$	$\frac{13}{56}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{360}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{126}$ $\Phi_{120}\ \Phi_{105}\ \Phi_{90}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
152111	1896	2772	$\frac{6}{77}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{71}{308}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{462}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{132}\ \Phi_{126}\ \Phi_{84}$ $\Phi_{66}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
152112	1896	1520	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{1}{5}$	$\frac{67}{304}$	$\Phi_{1520}^2\ \Phi_{760}^2\ \Phi_{95}\ \Phi_{80}^2\ \Phi_{40}^2$
152113	1896	1932	$\frac{5}{84}$	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{5}{23}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{276}\ \Phi_{161}\ \Phi_{92}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2$ $\Phi_{23}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
152114	1896	2093	$\frac{1}{13}$	$\frac{3}{23}$	$\frac{12}{91}$	$\frac{5}{23}$	$\Phi_{2093}\ \Phi_{161}\ \Phi_{91}^2\ \Phi_{23}\ \Phi_7^2\ \Phi_1^2$
152115	1896	100	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{100}^{24}\ \Phi_{50}^{24}\ \Phi_{25}^4\ \Phi_{20}^{24}\ \Phi_{10}^{24}\ \Phi_5^3\ \Phi_4^{24}\ \Phi_2^{24}\ \Phi_1^4$
152116	1896	95	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{16}{95}$	$\frac{1}{5}$	$\Phi_{95}^{19}\ \Phi_{19}^{24}\ \Phi_5^{18}\ \Phi_1^{24}$
152117	1896	250	$\frac{13}{250}$	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\Phi_{250}^8\ \Phi_{125}^7\ \Phi_{50}^8\ \Phi_{25}^8\ \Phi_{10}^8\ \Phi_5^7\ \Phi_2^8\ \Phi_1^8$
152118	1896	420	$\frac{5}{84}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{420}^6\ \Phi_{210}^5\ \Phi_{140}^6\ \Phi_{105}^5\ \Phi_{70}^5\ \Phi_{60}^6\ \Phi_{35}^6\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{10}^6\ \Phi_5^6$
152119	1896	375	$\frac{7}{125}$	$\frac{59}{375}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{375}^6\ \Phi_{125}^3\ \Phi_{75}^6\ \Phi_{25}^4\ \Phi_{15}^6\ \Phi_5^3\ \Phi_3^6\ \Phi_1^4$
152120	1896	455	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{455}^5\ \Phi_{65}^6\ \Phi_{35}^6\ \Phi_5^6$
152121	1897	2532	$\frac{2}{633}$	$\frac{635}{2532}$	$\frac{1}{3}$	$\frac{631}{1266}$	$\Phi_{2532}\ \Phi_{844}\ \Phi_{633}\ \Phi_{211}\ \Phi_{12}\ \Phi_4\ \Phi_1$
152122	1897	540	$\frac{1}{270}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{269}{540}$	$\Phi_{540}\ \Phi_{270}^6\ \Phi_{180}\ \Phi_{135}^6\ \Phi_{108}\ \Phi_{90}^6\ \Phi_{60}\ \Phi_{54}^6\ \Phi_{45}^6\ \Phi_{36}\ \Phi_{30}^6\ \Phi_{27}^6$ $\Phi_{20}\ \Phi_{18}^6\ \Phi_{15}^6\ \Phi_{12}^2\ \Phi_{10}^6\ \Phi_9^6\ \Phi_6^6\ \Phi_5^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
152123	1897	540	$\frac{1}{270}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{269}{540}$	$\Phi_{540}^7\ \Phi_{180}^7\ \Phi_{108}^7\ \Phi_{60}^7\ \Phi_{36}^7\ \Phi_{20}^7\ \Phi_{12}^7\ \Phi_9\ \Phi_4^7\ \Phi_1$
152124	1897	3776	$\frac{9}{1888}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1879}{3776}$	$\Phi_{3776}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
152125	1897	2280	$\frac{3}{380}$	$\frac{383}{2280}$	$\frac{1}{4}$	$\frac{377}{760}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{456}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}\ \Phi_{120}\ \Phi_{114}$ $\Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{38}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$ $\Phi_5\ \Phi_3\ \Phi_1$
152126	1897	3760	$\frac{17}{1880}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1863}{3760}$	$\Phi_{3760}\ \Phi_{752}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
152127	1897	536	$\frac{3}{268}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{265}{536}$	$\Phi_{536}^3\ \Phi_{268}^4\ \Phi_{134}^4\ \Phi_{67}^4\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
152128	1897	3744	$\frac{25}{1872}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{1847}{3744}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
152129	1897	3744	$\frac{25}{1872}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1847}{3744}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{96}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
152130	1897	2544	$\frac{11}{636}$	$\frac{1}{12}$	$\frac{647}{2544}$	$\frac{625}{1272}$	$\Phi_{2544}\ \Phi_{848}\ \Phi_{636}\ \Phi_{318}\ \Phi_{212}\ \Phi_{159}\ \Phi_{106}\ \Phi_{53}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
152131	1897	2176	$\frac{7}{272}$	$\frac{1}{8}$	$\frac{279}{2176}$	$\frac{265}{544}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{272}\ \Phi_{136}\ \Phi_{128}\ \Phi_{68}\ \Phi_{64}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
152132	1897	528	$\frac{7}{264}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{257}{528}$	$\Phi_{528}^7\ \Phi_{176}^7\ \Phi_{48}^7\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
152133	1897	2000	$\frac{3}{100}$	$\frac{103}{2000}$	$\frac{1}{4}$	$\frac{97}{200}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{125}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}$ $\Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
152134	1897	1976	$\frac{3}{76}$	$\frac{79}{1976}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{1976}\ \Phi_{988}\ \Phi_{494}\ \Phi_{247}\ \Phi_{104}\ \Phi_{76}\ \Phi_{52}\ \Phi_{38}\ \Phi_{26}\ \Phi_{19}\ \Phi_{13}$ Φ_1
152135	1897	3648	$\frac{3}{76}$	$\frac{73}{1824}$	$\frac{1}{4}$	$\frac{1751}{3648}$	$\Phi_{3648}\ \Phi_{1216}\ \Phi_{192}\ \Phi_{76}\ \Phi_{64}\ \Phi_{38}\ \Phi_{19}\ \Phi_1$
152136	1897	3648	$\frac{73}{1824}$	$\frac{1}{24}$	$\frac{23}{96}$	$\frac{1751}{3648}$	$\Phi_{3648}\ \Phi_{1216}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
152137	1897	2496	$\frac{25}{624}$	$\frac{1}{24}$	$\frac{599}{2496}$	$\frac{23}{48}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{832}\ \Phi_{416}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
152138	1897	288	$\frac{1}{24}$	$\frac{17}{288}$	$\frac{25}{144}$	$\frac{23}{48}$	$\Phi_{288}^7\ \Phi_{144}^6\ \Phi_{96}^7\ \Phi_{72}^6\ \Phi_{48}^7\ \Phi_{36}^6\ \Phi_{32}^7\ \Phi_{24}^6\ \Phi_{18}^6\ \Phi_{16}^7\ \Phi_{12}^6\ \Phi_9^6$ $\Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
152139	1897	3600	$\frac{3}{100}$	$\frac{97}{1800}$	$\frac{1}{4}$	$\frac{1703}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}$ $\Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
152140	1897	3600	$\frac{1}{24}$	$\frac{97}{1800}$	$\frac{23}{120}$	$\frac{1703}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}$ $\Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
152141	1897	512	$\frac{15}{256}$	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{241}{512}$	$\Phi_{512}^7\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
152142	1897	2304	$\frac{1}{24}$	$\frac{23}{384}$	$\frac{407}{2304}$	$\frac{361}{768}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}$ $\Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
152143	1897	288	$\frac{17}{288}$	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{15}{32}$	$\Phi_{288}^{7}\,\Phi_{144}^{7}\,\Phi_{96}^{7}\,\Phi_{72}^{7}\,\Phi_{48}^{7}\,\Phi_{36}^{7}\,\Phi_{24}^{7}\,\Phi_{18}^{7}\,\Phi_{16}^{7}\,\Phi_{12}^{7}\,\Phi_{9}^{7}\,\Phi_{8}^{6}\,\Phi_{6}^{7}\,\Phi_{4}^{6}\,\Phi_{3}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
152144	1897	2040	$\frac{1}{17}$	$\frac{16}{255}$	$\frac{1}{8}$	$\frac{239}{510}$	$\Phi_{2040}\,\Phi_{1020}\,\Phi_{680}\,\Phi_{408}\,\Phi_{340}\,\Phi_{255}\,\Phi_{204}\,\Phi_{136}^{2}\,\Phi_{120}\,\Phi_{85}\,\Phi_{68}^{2}\,\Phi_{60}\,\Phi_{51}\,\Phi_{40}\,\Phi_{34}\,\Phi_{24}\,\Phi_{20}\,\Phi_{17}\,\Phi_{15}\,\Phi_{12}\,\Phi_{8}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
152145	1897	3536	$\frac{7}{136}$	$\frac{129}{1768}$	$\frac{1}{8}$	$\frac{1639}{3536}$	$\Phi_{3536}\,\Phi_{272}\,\Phi_{208}\,\Phi_{136}\,\Phi_{68}\,\Phi_{34}\,\Phi_{17}\,\Phi_{16}\,\Phi_{1}$
152146	1897	3456	$\frac{1}{24}$	$\frac{169}{1728}$	$\frac{23}{192}$	$\frac{1559}{3456}$	$\Phi_{3456}\,\Phi_{1152}\,\Phi_{384}\,\Phi_{192}\,\Phi_{128}\,\Phi_{96}\,\Phi_{64}\,\Phi_{48}\,\Phi_{32}\,\Phi_{16}\,\Phi_{1}$
152147	1897	2832	$\frac{9}{944}$	$\frac{1}{8}$	$\frac{935}{2832}$	$\frac{7}{16}$	$\Phi_{2832}\,\Phi_{1416}\,\Phi_{708}\,\Phi_{354}\,\Phi_{177}\,\Phi_{48}\,\Phi_{24}\,\Phi_{16}\,\Phi_{12}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
152148	1897	1920	$\frac{23}{1920}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1920}\,\Phi_{960}\,\Phi_{640}\,\Phi_{480}\,\Phi_{384}\,\Phi_{320}\,\Phi_{240}\,\Phi_{192}\,\Phi_{160}\,\Phi_{128}\,\Phi_{120}\,\Phi_{96}\,\Phi_{80}\,\Phi_{64}\,\Phi_{60}\,\Phi_{48}\,\Phi_{40}\,\Phi_{30}\,\Phi_{24}\,\Phi_{20}\,\Phi_{16}\,\Phi_{15}\,\Phi_{12}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
152149	1897	480	$\frac{1}{24}$	$\frac{23}{240}$	$\frac{31}{240}$	$\frac{209}{480}$	$\Phi_{480}^{7}\,\Phi_{240}\,\Phi_{160}^{7}\,\Phi_{120}\,\Phi_{96}^{7}\,\Phi_{80}\,\Phi_{60}\,\Phi_{48}\,\Phi_{40}\,\Phi_{32}^{7}\,\Phi_{30}\,\Phi_{20}\,\Phi_{16}\,\Phi_{15}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
152150	1897	952	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{33}{238}$	$\frac{205}{476}$	$\Phi_{952}^{2}\,\Phi_{476}\,\Phi_{238}^{2}\,\Phi_{136}^{4}\,\Phi_{119}^{2}\,\Phi_{68}^{3}\,\Phi_{56}^{2}\,\Phi_{34}^{3}\,\Phi_{28}\,\Phi_{17}^{3}\,\Phi_{14}^{2}\,\Phi_{8}^{3}\,\Phi_{7}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
152151	1897	1920	$\frac{23}{1920}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1920}\,\Phi_{960}\,\Phi_{640}\,\Phi_{480}\,\Phi_{384}\,\Phi_{320}\,\Phi_{240}\,\Phi_{192}\,\Phi_{160}\,\Phi_{128}\,\Phi_{120}\,\Phi_{96}\,\Phi_{80}\,\Phi_{64}\,\Phi_{60}\,\Phi_{48}\,\Phi_{32}\,\Phi_{30}\,\Phi_{24}\,\Phi_{20}\,\Phi_{16}\,\Phi_{15}\,\Phi_{12}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
152152	1897	3264	$\frac{7}{272}$	$\frac{1}{8}$	$\frac{265}{1632}$	$\frac{1367}{3264}$	$\Phi_{3264}\,\Phi_{1088}\,\Phi_{272}\,\Phi_{192}\,\Phi_{136}\,\Phi_{68}\,\Phi_{64}\,\Phi_{34}\,\Phi_{17}\,\Phi_{16}\,\Phi_{1}$
152153	1897	1092	$\frac{2}{273}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{1092}^{3}\,\Phi_{364}^{3}\,\Phi_{273}\,\Phi_{156}^{3}\,\Phi_{91}\,\Phi_{84}^{3}\,\Phi_{52}^{3}\,\Phi_{39}\,\Phi_{28}^{3}\,\Phi_{21}\,\Phi_{13}\,\Phi_{12}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
152154	1897	1620	$\frac{1}{135}$	$\frac{1}{6}$	$\frac{134}{405}$	$\frac{5}{12}$	$\Phi_{1620}^{3}\,\Phi_{405}\,\Phi_{324}^{3}\,\Phi_{81}\,\Phi_{12}\,\Phi_{4}\,\Phi_{1}$
152155	1897	360	$\frac{1}{90}$	$\frac{1}{6}$	$\frac{89}{360}$	$\frac{5}{12}$	$\Phi_{360}^{7}\,\Phi_{180}\,\Phi_{120}^{7}\,\Phi_{90}^{6}\,\Phi_{72}^{7}\,\Phi_{60}\,\Phi_{45}^{6}\,\Phi_{40}^{7}\,\Phi_{36}\,\Phi_{30}^{6}\,\Phi_{24}^{7}\,\Phi_{20}\,\Phi_{18}^{6}\,\Phi_{15}^{6}\,\Phi_{12}^{2}\,\Phi_{10}^{6}\,\Phi_{9}^{6}\,\Phi_{8}^{7}\,\Phi_{6}^{6}\,\Phi_{5}^{6}\,\Phi_{4}^{2}\,\Phi_{3}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
152156	1897	3300	$\frac{4}{275}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{3300}\,\Phi_{1100}\,\Phi_{660}\,\Phi_{300}\,\Phi_{275}\,\Phi_{220}\,\Phi_{132}\,\Phi_{100}\,\Phi_{55}\,\Phi_{44}\,\Phi_{25}\,\Phi_{12}\,\Phi_{11}\,\Phi_{4}\,\Phi_{1}$
152157	1897	276	$\frac{5}{276}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{276}^{7}\,\Phi_{138}^{7}\,\Phi_{92}^{7}\,\Phi_{69}^{7}\,\Phi_{46}^{7}\,\Phi_{23}^{7}\,\Phi_{12}^{2}\,\Phi_{6}^{6}\,\Phi_{4}^{2}\,\Phi_{3}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
152158	1897	324	$\frac{1}{54}$	$\frac{53}{324}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{324}^{7}\,\Phi_{162}^{7}\,\Phi_{108}\,\Phi_{81}^{7}\,\Phi_{54}^{6}\,\Phi_{36}\,\Phi_{27}^{6}\,\Phi_{18}^{6}\,\Phi_{12}^{2}\,\Phi_{9}^{6}\,\Phi_{6}^{6}\,\Phi_{4}^{2}\,\Phi_{3}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
152159	1897	1260	$\frac{1}{45}$	$\frac{44}{315}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1260}^{3}\,\Phi_{420}^{3}\,\Phi_{315}\,\Phi_{252}^{3}\,\Phi_{140}^{3}\,\Phi_{105}\,\Phi_{84}^{3}\,\Phi_{63}\,\Phi_{35}\,\Phi_{28}^{3}\,\Phi_{21}\,\Phi_{12}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
152160	1897	1116	$\frac{8}{279}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1116}^{3}\,\Phi_{372}^{3}\,\Phi_{279}\,\Phi_{124}^{3}\,\Phi_{93}\,\Phi_{31}\,\Phi_{12}\,\Phi_{4}\,\Phi_{1}$
152161	1897	840	$\frac{9}{280}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{840}^{2}\,\Phi_{420}^{2}\,\Phi_{280}^{3}\,\Phi_{210}^{2}\,\Phi_{168}^{2}\,\Phi_{140}^{3}\,\Phi_{120}^{2}\,\Phi_{105}^{2}\,\Phi_{84}^{2}\,\Phi_{70}^{3}\,\Phi_{56}^{3}\,\Phi_{42}^{2}\,\Phi_{40}^{3}\,\Phi_{35}^{3}\,\Phi_{30}^{2}\,\Phi_{28}^{3}\,\Phi_{24}^{2}\,\Phi_{21}^{2}\,\Phi_{20}\,\Phi_{15}^{2}\,\Phi_{14}^{3}\,\Phi_{12}\,\Phi_{10}^{2}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
152162	1897	300	$\frac{1}{30}$	$\frac{29}{300}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{300}^{7}\,\Phi_{150}^{7}\,\Phi_{100}^{7}\,\Phi_{75}^{7}\,\Phi_{60}\,\Phi_{50}^{7}\,\Phi_{30}^{6}\,\Phi_{25}^{7}\,\Phi_{20}\,\Phi_{15}^{6}\,\Phi_{12}^{2}\,\Phi_{10}^{6}\,\Phi_{6}^{6}\,\Phi_{5}^{6}\,\Phi_{4}^{2}\,\Phi_{3}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
152163	1897	1188	$\frac{1}{27}$	$\frac{26}{297}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1188}^{3}\,\Phi_{396}^{3}\,\Phi_{297}\,\Phi_{132}^{3}\,\Phi_{99}\,\Phi_{44}^{3}\,\Phi_{33}\,\Phi_{12}\,\Phi_{11}\,\Phi_{4}\,\Phi_{1}$
152164	1897	1140	$\frac{14}{285}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1140}^{3}\,\Phi_{380}^{3}\,\Phi_{285}\,\Phi_{228}^{3}\,\Phi_{95}\,\Phi_{76}^{3}\,\Phi_{57}\,\Phi_{19}\,\Phi_{12}\,\Phi_{4}\,\Phi_{1}$
152165	1897	288	$\frac{1}{18}$	$\frac{17}{288}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{288}^{7}\,\Phi_{144}^{7}\,\Phi_{96}^{7}\,\Phi_{72}^{7}\,\Phi_{48}^{7}\,\Phi_{36}\,\Phi_{32}^{7}\,\Phi_{24}^{7}\,\Phi_{18}^{6}\,\Phi_{16}^{7}\,\Phi_{12}^{2}\,\Phi_{9}^{6}\,\Phi_{8}^{7}\,\Phi_{6}^{6}\,\Phi_{4}^{2}\,\Phi_{3}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
152166	1897	2370	$\frac{1}{79}$	$\frac{78}{395}$	$\frac{473}{2370}$	$\frac{317}{790}$	$\Phi_{2370}\,\Phi_{1185}\,\Phi_{474}\,\Phi_{395}\,\Phi_{237}\,\Phi_{30}\,\Phi_{15}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
152167	1897	3160	$\frac{1}{79}$	$\frac{78}{395}$	$\frac{317}{1580}$	$\frac{1263}{3160}$	$\Phi_{3160}\,\Phi_{632}\,\Phi_{395}\,\Phi_{40}\,\Phi_{8}\,\Phi_{5}\,\Phi_{1}$
152168	1897	1908	$\frac{11}{1908}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1908}\,\Phi_{954}\,\Phi_{636}\,\Phi_{477}\,\Phi_{318}\,\Phi_{212}\,\Phi_{159}\,\Phi_{106}\,\Phi_{53}\,\Phi_{36}\,\Phi_{12}\,\Phi_{9}\,\Phi_{4}\,\Phi_{1}$
152169	1897	3072	$\frac{1}{24}$	$\frac{23}{384}$	$\frac{361}{1536}$	$\frac{1175}{3072}$	$\Phi_{3072}\,\Phi_{1024}\,\Phi_{384}\,\Phi_{192}\,\Phi_{128}\,\Phi_{96}\,\Phi_{64}\,\Phi_{48}\,\Phi_{32}\,\Phi_{16}\,\Phi_{1}$
152170	1897	3040	$\frac{3}{380}$	$\frac{377}{1520}$	$\frac{1}{4}$	$\frac{1143}{3040}$	$\Phi_{3040}\,\Phi_{608}\,\Phi_{380}\,\Phi_{190}\,\Phi_{160}\,\Phi_{95}\,\Phi_{76}\,\Phi_{38}\,\Phi_{32}\,\Phi_{20}\,\Phi_{19}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
152171	1897	1944	$\frac{47}{1944}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{1944}\,\Phi_{972}\,\Phi_{648}\,\Phi_{486}\,\Phi_{324}\,\Phi_{243}\,\Phi_{216}\,\Phi_{162}\,\Phi_{108}\,\Phi_{81}\,\Phi_{54}\,\Phi_{36}\,\Phi_{27}\,\Phi_{18}\,\Phi_{9}\,\Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
152172	1897	2880	$\frac{1}{24}$	$\frac{23}{480}$	$\frac{457}{1440}$	$\frac{983}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
152173	1897	408	$\frac{1}{68}$	$\frac{1}{8}$	$\frac{67}{204}$	$\frac{137}{408}$	$\Phi_{408}^3\ \Phi_{204}^4\ \Phi_{136}^7\ \Phi_{102}^4\ \Phi_{68}^7\ \Phi_{51}^4\ \Phi_{34}^7\ \Phi_{24}^3\ \Phi_{17}^7\ \Phi_{12}^4\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
152174	1897	2844	$\frac{1}{237}$	$\frac{236}{711}$	$\frac{947}{2844}$	$\frac{475}{1422}$	$\Phi_{2844}\ \Phi_{948}\ \Phi_{711}\ \Phi_{316}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
152175	1897	819	$\frac{2}{273}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{819}^3\ \Phi_{273}\ \Phi_{117}^3\ \Phi_{91}\ \Phi_{63}^3\ \Phi_{39}\ \Phi_{21}\ \Phi_{13}\ \Phi_9\ \Phi_7\ \Phi_1$
152176	1897	405	$\frac{1}{135}$	$\frac{2}{9}$	$\frac{134}{405}$	$\frac{1}{3}$	$\Phi_{405}^7\ \Phi_{81}^7\ \Phi_9\ \Phi_1$
152177	1897	1917	$\frac{20}{1917}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{1917}\ \Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_9\ \Phi_1$
152178	1897	360	$\frac{1}{90}$	$\frac{2}{9}$	$\frac{89}{360}$	$\frac{1}{3}$	$\Phi_{360}^7\ \Phi_{180}^7\ \Phi_{120}^7\ \Phi_{72}^7\ \Phi_{60}^7\ \Phi_{40}^7\ \Phi_{36}^7\ \Phi_{24}^7\ \Phi_{20}^7\ \Phi_{12}^7\ \Phi_9\ \Phi_8^7\ \Phi_4^7\ \Phi_1$
152179	1897	2475	$\frac{4}{275}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2475}\ \Phi_{495}\ \Phi_{275}\ \Phi_{225}\ \Phi_{99}\ \Phi_{55}\ \Phi_{25}\ \Phi_{11}\ \Phi_9\ \Phi_1$
152180	1897	828	$\frac{5}{276}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{828}^3\ \Phi_{414}^3\ \Phi_{276}\ \Phi_{207}^3\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{36}^3\ \Phi_{23}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
152181	1897	324	$\frac{1}{54}$	$\frac{53}{324}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{324}^7\ \Phi_{162}^7\ \Phi_{108}^7\ \Phi_{81}^7\ \Phi_{36}^7\ \Phi_{12}^7\ \Phi_9\ \Phi_4^7\ \Phi_1$
152182	1897	1935	$\frac{38}{1935}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{387}\ \Phi_{215}\ \Phi_{129}\ \Phi_{43}\ \Phi_9\ \Phi_1$
152183	1897	315	$\frac{1}{45}$	$\frac{44}{315}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{315}^7\ \Phi_{105}^7\ \Phi_{63}^7\ \Phi_{35}^7\ \Phi_{21}^7\ \Phi_9\ \Phi_7^7\ \Phi_1$
152184	1897	1944	$\frac{47}{1944}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
152185	1897	2160	$\frac{7}{270}$	$\frac{263}{2160}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
152186	1897	279	$\frac{8}{279}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{279}^7\ \Phi_{93}^7\ \Phi_{31}^7\ \Phi_9\ \Phi_1$
152187	1897	2520	$\frac{9}{280}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{72}\ \Phi_{70}\ \Phi_{63}\ \Phi_{56}\ \Phi_{40}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
152188	1897	900	$\frac{1}{30}$	$\frac{29}{300}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{900}^3\ \Phi_{450}^3\ \Phi_{300}\ \Phi_{225}^3\ \Phi_{180}^3\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{36}^3\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
152189	1897	297	$\frac{1}{27}$	$\frac{26}{297}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{297}^7\ \Phi_{99}^7\ \Phi_{33}^7\ \Phi_{11}^7\ \Phi_9\ \Phi_1$
152190	1897	1980	$\frac{83}{1980}$	$\frac{7}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_1$
152191	1897	855	$\frac{14}{285}$	$\frac{1}{15}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{855}^3\ \Phi_{285}\ \Phi_{171}^3\ \Phi_{95}\ \Phi_{57}\ \Phi_{19}\ \Phi_9\ \Phi_1$
152192	1897	2025	$\frac{7}{135}$	$\frac{128}{2025}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{405}\ \Phi_{225}\ \Phi_{81}\ \Phi_{75}\ \Phi_{25}\ \Phi_9\ \Phi_1$
152193	1897	288	$\frac{1}{18}$	$\frac{17}{288}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}^7\ \Phi_{72}^7\ \Phi_{48}^7\ \Phi_{36}^7\ \Phi_{32}^7\ \Phi_{24}^7\ \Phi_{16}^7\ \Phi_{12}^7\ \Phi_9\ \Phi_8^7\ \Phi_4^7\ \Phi_1$
152194	1897	2820	$\frac{17}{940}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{923}{2820}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{705}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
152195	1897	2448	$\frac{7}{272}$	$\frac{1}{8}$	$\frac{551}{2448}$	$\frac{265}{816}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{272}\ \Phi_{153}\ \Phi_{144}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{16}\ \Phi_9\ \Phi_1$
152196	1897	2808	$\frac{25}{936}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{911}{2808}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
152197	1897	300	$\frac{3}{100}$	$\frac{29}{300}$	$\frac{1}{4}$	$\frac{97}{300}$	$\Phi_{300}^6\ \Phi_{150}^6\ \Phi_{100}^7\ \Phi_{75}^6\ \Phi_{60}^6\ \Phi_{50}^7\ \Phi_{30}^6\ \Phi_{25}^7\ \Phi_{20}^7\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{10}^7\ \Phi_6^6\ \Phi_5^7\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
152198	1897	2052	$\frac{3}{76}$	$\frac{155}{2052}$	$\frac{1}{4}$	$\frac{73}{228}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{513}\ \Phi_{342}\ \Phi_{171}\ \Phi_{108}\ \Phi_{76}\ \Phi_{54}\ \Phi_{38}\ \Phi_{36}\ \Phi_{27}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_1$
152199	1897	1224	$\frac{1}{17}$	$\frac{35}{306}$	$\frac{1}{8}$	$\frac{16}{51}$	$\Phi_{1224}^2\ \Phi_{612}^2\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{136}^2\ \Phi_{72}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{36}^2\ \Phi_{34}\ \Phi_{24}\ \Phi_{18}\ \Phi_{17}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
152200	1897	2736	$\frac{3}{76}$	$\frac{73}{912}$	$\frac{1}{4}$	$\frac{839}{2736}$	$\Phi_{2736}\ \Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{144}\ \Phi_{76}\ \Phi_{72}\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_1$
152201	1897	2340	$\frac{25}{468}$	$\frac{1}{12}$	$\frac{443}{2340}$	$\frac{11}{36}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{130}\ \Phi_{90}\ \Phi_{65}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
152202	1897	288	$\frac{17}{288}$	$\frac{1}{12}$	$\frac{25}{144}$	$\frac{11}{36}$	$\Phi_{288}^{7}\ \Phi_{144}^{6}\ \Phi_{96}^{7}\ \Phi_{72}^{6}\ \Phi_{48}^{6}\ \Phi_{36}^{7}\ \Phi_{32}^{7}\ \Phi_{24}^{6}\ \Phi_{18}^{7}\ \Phi_{16}^{6}\ \Phi_{12}^{6}\ \Phi_{9}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
152203	1897	280	$\frac{9}{280}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{280}^{7}\ \Phi_{140}^{7}\ \Phi_{70}^{7}\ \Phi_{56}^{7}\ \Phi_{40}^{7}\ \Phi_{35}^{7}\ \Phi_{28}^{7}\ \Phi_{20}^{3}\ \Phi_{14}^{7}\ \Phi_{10}^{5}\ \Phi_{8}^{7}\ \Phi_{7}^{7}\ \Phi_{5}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
152204	1897	2700	$\frac{3}{100}$	$\frac{97}{900}$	$\frac{1}{4}$	$\frac{803}{2700}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{100}\ \Phi_{54}\ \Phi_{50}\ \Phi_{27}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
152205	1897	384	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{8}$	$\frac{113}{384}$	$\Phi_{384}^{7}\ \Phi_{192}^{7}\ \Phi_{96}^{7}\ \Phi_{48}^{7}\ \Phi_{24}^{7}\ \Phi_{16}^{7}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
152206	1897	2304	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{407}{2304}$	$\frac{169}{576}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
152207	1897	288	$\frac{17}{288}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{288}^{7}\ \Phi_{144}^{7}\ \Phi_{96}^{7}\ \Phi_{72}^{7}\ \Phi_{48}^{7}\ \Phi_{36}^{7}\ \Phi_{32}^{7}\ \Phi_{18}^{7}\ \Phi_{16}^{7}\ \Phi_{9}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
152208	1897	2160	$\frac{1}{24}$	$\frac{263}{2160}$	$\frac{23}{120}$	$\frac{97}{360}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{60}\ \Phi_{54}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
152209	1897	304	$\frac{3}{76}$	$\frac{33}{304}$	$\frac{73}{304}$	$\frac{1}{4}$	$\Phi_{304}^{6}\ \Phi_{152}^{6}\ \Phi_{76}^{7}\ \Phi_{38}^{7}\ \Phi_{19}^{7}\ \Phi_{16}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
152210	1897	2432	$\frac{3}{76}$	$\frac{73}{608}$	$\frac{535}{2432}$	$\frac{1}{4}$	$\Phi_{2432}\ \Phi_{1216}\ \Phi_{128}\ \Phi_{76}\ \Phi_{64}\ \Phi_{38}\ \Phi_{19}\ \Phi_{1}$
152211	1897	2400	$\frac{3}{100}$	$\frac{97}{600}$	$\frac{503}{2400}$	$\frac{1}{4}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{160}\ \Phi_{100}\ \Phi_{96}\ \Phi_{80}\ \Phi_{50}\ \Phi_{48}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
152212	1897	2280	$\frac{3}{76}$	$\frac{73}{456}$	$\frac{383}{2280}$	$\frac{1}{4}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{120}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{40}\ \Phi_{38}\ \Phi_{30}\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
152213	1897	304	$\frac{3}{38}$	$\frac{33}{304}$	$\frac{5}{38}$	$\frac{1}{4}$	$\Phi_{304}^{7}\ \Phi_{152}^{7}\ \Phi_{76}^{3}\ \Phi_{38}^{5}\ \Phi_{19}^{5}\ \Phi_{16}^{7}\ \Phi_{8}^{7}\ \Phi_{4}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
152214	1897	320	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{49}{320}$	$\frac{15}{64}$	$\Phi_{320}^{7}\ \Phi_{160}^{7}\ \Phi_{80}^{7}\ \Phi_{40}^{7}\ \Phi_{20}^{7}\ \Phi_{16}^{7}\ \Phi_{10}^{7}\ \Phi_{8}^{6}\ \Phi_{5}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
152215	1897	352	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{81}{352}$	$\Phi_{352}^{7}\ \Phi_{176}^{7}\ \Phi_{32}^{7}\ \Phi_{16}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
152216	1897	2400	$\frac{1}{24}$	$\frac{97}{600}$	$\frac{23}{120}$	$\frac{503}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
152217	1897	680	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{16}{85}$	$\frac{69}{340}$	$\Phi_{680}^{3}\ \Phi_{340}^{2}\ \Phi_{170}^{2}\ \Phi_{136}^{4}\ \Phi_{85}^{3}\ \Phi_{68}^{3}\ \Phi_{40}^{3}\ \Phi_{34}^{3}\ \Phi_{20}^{2}\ \Phi_{17}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
152218	1898	1626	$\frac{1}{271}$	$\frac{136}{813}$	$\frac{677}{1626}$	$\frac{135}{271}$	$\Phi_{1626}^{2}\ \Phi_{542}^{2}\ \Phi_{271}\ \Phi_{6}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
152219	1898	1890	$\frac{4}{945}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{941}{1890}$	$\Phi_{1890}^{2}\ \Phi_{630}^{2}\ \Phi_{378}^{2}\ \Phi_{270}^{2}\ \Phi_{210}^{2}\ \Phi_{126}^{2}\ \Phi_{90}^{2}\ \Phi_{70}^{2}\ \Phi_{54}^{2}\ \Phi_{42}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
152220	1898	1890	$\frac{4}{945}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{941}{1890}$	$\Phi_{1890}^{2}\ \Phi_{630}^{2}\ \Phi_{378}^{2}\ \Phi_{270}^{2}\ \Phi_{210}^{2}\ \Phi_{126}^{2}\ \Phi_{90}^{2}\ \Phi_{70}^{2}\ \Phi_{54}^{2}\ \Phi_{42}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
152221	1898	1140	$\frac{1}{190}$	$\frac{191}{1140}$	$\frac{1}{3}$	$\frac{189}{380}$	$\Phi_{1140}\ \Phi_{570}^{2}\ \Phi_{380}^{2}\ \Phi_{285}^{2}\ \Phi_{228}\ \Phi_{190}^{2}\ \Phi_{114}^{2}\ \Phi_{95}^{2}\ \Phi_{76}^{2}\ \Phi_{60}\ \Phi_{57}^{2}\ \Phi_{38}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{19}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
152222	1898	3480	$\frac{1}{145}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{72}{145}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{696}\ \Phi_{232}\ \Phi_{145}\ \Phi_{120}\ \Phi_{40}\ \Phi_{29}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
152223	1898	435	$\frac{1}{145}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{72}{145}$	$\Phi_{435}^{4}\ \Phi_{145}^{5}\ \Phi_{87}^{4}\ \Phi_{29}^{5}\ \Phi_{15}^{5}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
152224	1898	2610	$\frac{1}{145}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{72}{145}$	$\Phi_{2610}\ \Phi_{1305}\ \Phi_{522}\ \Phi_{261}\ \Phi_{145}\ \Phi_{90}\ \Phi_{45}\ \Phi_{29}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
152225	1898	2320	$\frac{1}{145}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{72}{145}$	$\Phi_{2320}\ \Phi_{1160}\ \Phi_{464}\ \Phi_{232}\ \Phi_{145}\ \Phi_{80}\ \Phi_{40}\ \Phi_{29}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
152226	1898	5640	$\frac{9}{940}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{931}{1880}$	$\Phi_{5640}\ \Phi_{1128}\ \Phi_{120}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{6}$
152227	1898	1876	$\frac{11}{938}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{927}{1876}$	$\Phi_{1876}^{2}\ \Phi_{268}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
152228	1898	3600	$\frac{1}{72}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{71}{144}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}^{2}\ \Phi_{80}\ \Phi_{48}^{2}\ \Phi_{25}\ \Phi_{16}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
152229	1898	1008	$\frac{1}{72}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{71}{144}$	$\Phi_{1008}^{4}\ \Phi_{336}^{4}\ \Phi_{144}^{2}\ \Phi_{112}^{4}\ \Phi_{48}^{2}\ \Phi_{42}\ \Phi_{21}\ \Phi_{16}^{2}\ \Phi_{6}$
152230	1898	720	$\frac{1}{72}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{71}{144}$	$\Phi_{720}^{5}\ \Phi_{240}^{5}\ \Phi_{144}^{6}\ \Phi_{80}^{5}\ \Phi_{48}^{6}\ \Phi_{16}^{6}\ \Phi_{15}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
152231	1898	5586	$\frac{18}{931}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{913}{1862}$	$\Phi_{5586}\ \Phi_{798}\ \Phi_{294}\ \Phi_{114}\ \Phi_{57}\ \Phi_{42}\ \Phi_{6}$
152232	1898	3000	$\frac{1}{50}$	$\frac{51}{1000}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{600}\ \Phi_{375}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
152233	1898	98	$\frac{1}{49}$	$\frac{1}{14}$	$\frac{25}{98}$	$\frac{24}{49}$	$\Phi_{98}^{19}\ \Phi_{49}^{20}\ \Phi_{14}^{18}\ \Phi_{7}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{20}$
152234	1898	5550	$\frac{24}{925}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{901}{1850}$	$\Phi_{5550}\ \Phi_{1110}\ \Phi_{222}\ \Phi_{150}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
152235	1898	228	$\frac{1}{38}$	$\frac{3}{76}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{228}^{12}\ \Phi_{114}^{13}\ \Phi_{57}^{13}\ \Phi_{12}^{12}\ \Phi_{6}^{13}\ \Phi_{3}^{12}$
152236	1898	1848	$\frac{25}{924}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{899}{1848}$	$\Phi_{1848}^{2}\ \Phi_{616}^{2}\ \Phi_{264}^{2}\ \Phi_{168}^{2}\ \Phi_{88}^{2}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
152237	1898	75	$\frac{2}{75}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{75}^{25}\ \Phi_{25}^{26}\ \Phi_{15}^{25}\ \Phi_{5}^{26}\ \Phi_{3}^{24}\ \Phi_{1}^{26}$
152238	1898	2700	$\frac{1}{36}$	$\frac{1}{25}$	$\frac{35}{108}$	$\frac{12}{25}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{27}^{2}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
152239	1898	1900	$\frac{3}{76}$	$\frac{1}{25}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{475}\ \Phi_{380}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{25}\ \Phi_{19}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
152240	1898	2400	$\frac{1}{25}$	$\frac{1}{24}$	$\frac{23}{96}$	$\frac{12}{25}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}^{2}\ \Phi_{80}\ \Phi_{48}^{2}\ \Phi_{32}^{2}\ \Phi_{25}\ \Phi_{16}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
152241	1898	450	$\frac{1}{25}$	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{12}{25}$	$\Phi_{450}^{4}\ \Phi_{225}^{4}\ \Phi_{150}^{4}\ \Phi_{90}^{5}\ \Phi_{75}^{4}\ \Phi_{50}^{4}\ \Phi_{45}^{5}\ \Phi_{30}^{5}\ \Phi_{25}^{5}\ \Phi_{18}^{4}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
152242	1898	1950	$\frac{1}{25}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{12}{25}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{390}\ \Phi_{325}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}^{2}\ \Phi_{65}\ \Phi_{39}^{2}\ \Phi_{26}^{2}\ \Phi_{25}\ \Phi_{13}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
152243	1898	2100	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{12}{25}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{70}\ \Phi_{42}^{2}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{25}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
152244	1898	400	$\frac{1}{25}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{12}{25}$	$\Phi_{400}^{5}\ \Phi_{200}^{4}\ \Phi_{100}^{4}\ \Phi_{80}^{6}\ \Phi_{50}^{4}\ \Phi_{40}^{5}\ \Phi_{25}^{5}\ \Phi_{20}^{5}\ \Phi_{16}^{6}\ \Phi_{10}^{5}\ \Phi_{8}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
152245	1898	2025	$\frac{1}{25}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{12}{25}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{405}\ \Phi_{135}\ \Phi_{81}^{2}\ \Phi_{27}^{2}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
152246	1898	1824	$\frac{1}{38}$	$\frac{37}{912}$	$\frac{1}{3}$	$\frac{875}{1824}$	$\Phi_{1824}^{2}\ \Phi_{608}^{2}\ \Phi_{114}\ \Phi_{96}^{2}\ \Phi_{57}\ \Phi_{32}^{2}\ \Phi_{6}$
152247	1898	140	$\frac{3}{70}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{67}{140}$	$\Phi_{140}^{26}\ \Phi_{28}^{26}\ \Phi_{20}^{26}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{4}^{26}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
152248	1898	84	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{11}{84}$	$\frac{10}{21}$	$\Phi_{84}^{26}\ \Phi_{42}^{19}\ \Phi_{28}^{26}\ \Phi_{21}^{20}\ \Phi_{14}^{18}\ \Phi_{12}^{26}\ \Phi_{7}^{19}\ \Phi_{6}^{19}\ \Phi_{4}^{26}\ \Phi_{3}^{20}\ \Phi_{2}^{18}\ \Phi_{1}^{20}$
152249	1898	1008	$\frac{3}{56}$	$\frac{59}{1008}$	$\frac{1}{7}$	$\frac{53}{112}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{252}^{2}\ \Phi_{168}^{2}\ \Phi_{144}^{2}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{56}^{2}\ \Phi_{48}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
152250	1898	1800	$\frac{1}{50}$	$\frac{49}{900}$	$\frac{1}{3}$	$\frac{851}{1800}$	$\Phi_{1800}^{2}\ \Phi_{600}^{2}\ \Phi_{360}^{2}\ \Phi_{200}^{2}\ \Phi_{150}\ \Phi_{120}^{2}\ \Phi_{75}\ \Phi_{72}^{2}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{15}\ \Phi_{8}^{2}\ \Phi_{6}$
152251	1898	1792	$\frac{3}{56}$	$\frac{53}{896}$	$\frac{1}{7}$	$\frac{843}{1792}$	$\Phi_{1792}^{2}\ \Phi_{256}^{2}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
152252	1898	1785	$\frac{6}{119}$	$\frac{113}{1785}$	$\frac{1}{7}$	$\frac{836}{1785}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}^{2}\ \Phi_{105}\ \Phi_{85}\ \Phi_{51}\ \Phi_{35}\ \Phi_{21}\ \Phi_{17}^{2}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
152253	1898	888	$\frac{1}{74}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{888}^{4}\ \Phi_{296}^{4}\ \Phi_{222}\ \Phi_{111}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{6}$
152254	1898	600	$\frac{2}{75}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{600}^{6}\ \Phi_{200}^{6}\ \Phi_{120}^{5}\ \Phi_{75}^{2}\ \Phi_{40}^{5}\ \Phi_{25}^{2}\ \Phi_{24}^{6}\ \Phi_{15}^{2}\ \Phi_{8}^{6}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
152255	1898	696	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{14}{87}$	$\frac{11}{24}$	$\Phi_{696}^{5}\ \Phi_{232}^{5}\ \Phi_{87}^{2}\ \Phi_{29}\ \Phi_{24}^{6}\ \Phi_{8}^{6}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
152256	1898	960	$\frac{11}{960}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{960}^{2}\ \Phi_{480}^{2}\ \Phi_{320}^{2}\ \Phi_{240}^{2}\ \Phi_{192}^{2}\ \Phi_{160}^{2}\ \Phi_{120}^{2}\ \Phi_{96}^{2}\ \Phi_{80}^{2}\ \Phi_{64}^{2}\ \Phi_{60}\ \Phi_{48}^{2}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
152257	1898	1710	$\frac{1}{95}$	$\frac{94}{855}$	$\frac{1}{3}$	$\frac{761}{1710}$	$\Phi_{1710}^{2}\ \Phi_{570}^{2}\ \Phi_{342}^{2}\ \Phi_{285}\ \Phi_{190}^{2}\ \Phi_{114}^{2}\ \Phi_{90}^{2}\ \Phi_{57}\ \Phi_{38}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
152258	1898	666	$\frac{1}{74}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{666}^{3}\ \Phi_{333}^{3}\ \Phi_{222}^{3}\ \Phi_{111}^{3}\ \Phi_{74}^{2}\ \Phi_{37}^{2}\ \Phi_{18}\ \Phi_{9}^{2}\ \Phi_{6}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
152259	1898	1666	$\frac{3}{119}$	$\frac{116}{833}$	$\frac{1}{7}$	$\frac{717}{1666}$	$\Phi_{1666}^{2}\ \Phi_{238}^{2}\ \Phi_{119}^{2}\ \Phi_{98}^{2}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
152260	1898	1260	$\frac{4}{315}$	$\frac{1}{7}$	$\frac{311}{1260}$	$\frac{3}{7}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{420}^{2}\ \Phi_{252}^{2}\ \Phi_{210}^{2}\ \Phi_{180}^{2}\ \Phi_{140}^{2}\ \Phi_{126}^{2}\ \Phi_{90}^{2}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
152261	1898	966	$\frac{17}{966}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{966}^{2}\ \Phi_{483}^{2}\ \Phi_{322}^{2}\ \Phi_{161}^{2}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{42}^{2}\ \Phi_{23}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
152262	1898	1134	$\frac{4}{189}$	$\frac{1}{7}$	$\frac{185}{1134}$	$\frac{3}{7}$	$\Phi_{1134}^{2}\ \Phi_{567}^{2}\ \Phi_{378}^{2}\ \Phi_{162}^{2}\ \Phi_{126}^{2}\ \Phi_{81}^{2}\ \Phi_{54}^{2}\ \Phi_{42}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
152263	1898	980	$\frac{31}{980}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{245}^2\ \Phi_{196}^2\ \Phi_{140}^2\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{49}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
152264	1898	1050	$\frac{4}{105}$	$\frac{101}{1050}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
152265	1898	154	$\frac{4}{77}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{154}^{14}\ \Phi_{77}^{12}\ \Phi_{22}^{14}\ \Phi_{14}^6\ \Phi_{11}^{12}\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
152266	1898	1008	$\frac{59}{1008}$	$\frac{4}{63}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
152267	1898	126	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{10}{63}$	$\frac{53}{126}$	$\Phi_{126}^{12}\ \Phi_{63}^{14}\ \Phi_{42}^{19}\ \Phi_{21}^{20}\ \Phi_{18}^{12}\ \Phi_{14}^{18}\ \Phi_9^{14}\ \Phi_7^{19}\ \Phi_6^{19}\ \Phi_3^{20}\ \Phi_2^{18}\ \Phi_1^{20}$
152268	1898	4560	$\frac{1}{190}$	$\frac{189}{760}$	$\frac{1}{3}$	$\frac{571}{1520}$	$\Phi_{4560}\ \Phi_{912}\ \Phi_{570}\ \Phi_{285}\ \Phi_{240}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
152269	1898	1428	$\frac{3}{238}$	$\frac{1}{7}$	$\frac{235}{714}$	$\frac{479}{1428}$	$\Phi_{1428}^2\ \Phi_{476}^2\ \Phi_{238}^2\ \Phi_{204}^2\ \Phi_{119}^2\ \Phi_{84}^2\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{28}^2\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
152270	1898	1110	$\frac{1}{74}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1110}^2\ \Phi_{555}^2\ \Phi_{370}^2\ \Phi_{222}\ \Phi_{185}^2\ \Phi_{111}\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6$
152271	1898	1050	$\frac{2}{75}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{10}^2\ \Phi_6$
152272	1898	1140	$\frac{1}{95}$	$\frac{191}{1140}$	$\frac{94}{285}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{285}\ \Phi_{228}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{60}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
152273	1898	1410	$\frac{9}{470}$	$\frac{1}{10}$	$\frac{461}{1410}$	$\frac{1}{3}$	$\Phi_{1410}\ \Phi_{705}\ \Phi_{470}^2\ \Phi_{282}\ \Phi_{235}^2\ \Phi_{141}\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
152274	1898	1050	$\frac{1}{50}$	$\frac{101}{1050}$	$\frac{49}{150}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{150}\ \Phi_{105}^2\ \Phi_{75}\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6$
152275	1898	1026	$\frac{1}{38}$	$\frac{77}{1026}$	$\frac{37}{114}$	$\frac{1}{3}$	$\Phi_{1026}^2\ \Phi_{513}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{114}\ \Phi_{57}\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6$
152276	1898	756	$\frac{1}{36}$	$\frac{1}{14}$	$\frac{35}{108}$	$\frac{1}{3}$	$\Phi_{756}^4\ \Phi_{378}^4\ \Phi_{189}^4\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{42}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_6$
152277	1898	1368	$\frac{1}{38}$	$\frac{37}{456}$	$\frac{419}{1368}$	$\frac{1}{3}$	$\Phi_{1368}^2\ \Phi_{684}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{114}\ \Phi_{72}^2\ \Phi_{57}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6$
152278	1898	1350	$\frac{1}{50}$	$\frac{49}{450}$	$\frac{401}{1350}$	$\frac{1}{3}$	$\Phi_{1350}^2\ \Phi_{675}^2\ \Phi_{270}^2\ \Phi_{150}\ \Phi_{135}^2\ \Phi_{75}\ \Phi_{54}^2\ \Phi_{30}\ \Phi_{27}^2\ \Phi_{15}\ \Phi_6$
152279	1898	666	$\frac{1}{74}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{666}^4\ \Phi_{333}^4\ \Phi_{222}\ \Phi_{111}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6$
152280	1898	960	$\frac{11}{960}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
152281	1898	1776	$\frac{1}{74}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1776}^2\ \Phi_{888}^2\ \Phi_{222}\ \Phi_{111}\ \Phi_{48}\ \Phi_{24}\ \Phi_6$
152282	1898	1596	$\frac{3}{76}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1596}^2\ \Phi_{798}^2\ \Phi_{399}^2\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
152283	1898	1260	$\frac{4}{315}$	$\frac{1}{5}$	$\frac{311}{1260}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
152284	1898	3192	$\frac{1}{38}$	$\frac{115}{1064}$	$\frac{37}{152}$	$\frac{1}{3}$	$\Phi_{3192}\ \Phi_{1596}\ \Phi_{798}\ \Phi_{399}\ \Phi_{168}\ \Phi_{114}\ \Phi_{84}\ \Phi_{57}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
152285	1898	672	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{23}{96}$	$\frac{1}{3}$	$\Phi_{672}^4\ \Phi_{336}^4\ \Phi_{224}^4\ \Phi_{112}^4\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{32}^2\ \Phi_{21}\ \Phi_{16}^2\ \Phi_6$
152286	1898	2142	$\frac{7}{153}$	$\frac{1}{14}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{714}\ \Phi_{357}\ \Phi_{306}\ \Phi_{238}\ \Phi_{119}\ \Phi_{102}\ \Phi_{42}\ \Phi_{34}\ \Phi_{21}\ \Phi_6$
152287	1898	3648	$\frac{1}{38}$	$\frac{37}{304}$	$\frac{267}{1216}$	$\frac{1}{3}$	$\Phi_{3648}\ \Phi_{1824}\ \Phi_{192}\ \Phi_{114}\ \Phi_{96}\ \Phi_{57}\ \Phi_6$
152288	1898	1200	$\frac{1}{50}$	$\frac{49}{300}$	$\frac{251}{1200}$	$\frac{1}{3}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{200}^2\ \Phi_{150}\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{75}\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_8^2\ \Phi_6$
152289	1898	75	$\frac{2}{75}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{75}^{26}\ \Phi_{25}^{26}\ \Phi_{15}^{23}\ \Phi_5^{22}\ \Phi_3^{22}\ \Phi_1^{22}$
152290	1898	1080	$\frac{4}{135}$	$\frac{131}{1080}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
152291	1898	2940	$\frac{31}{980}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{735}\ \Phi_{588}\ \Phi_{420}\ \Phi_{294}\ \Phi_{210}\ \Phi_{147}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
152292	1898	1050	$\frac{4}{105}$	$\frac{101}{1050}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
152293	1898	990	$\frac{41}{990}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
152294	1898	630	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{17}{90}$	$\frac{1}{3}$	$\Phi_{630}^4\ \Phi_{315}^4\ \Phi_{210}^4\ \Phi_{105}^4\ \Phi_{90}^2\ \Phi_{70}^4\ \Phi_{45}^2\ \Phi_{42}\ \Phi_{35}^4\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
152295	1898	1140	$\frac{1}{38}$	$\frac{37}{228}$	$\frac{191}{1140}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{114}\ \Phi_{95}^2\ \Phi_{60}^2\ \Phi_{57}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
152296	1898	546	$\frac{5}{78}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{546}^4\ \Phi_{273}^4\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{78}^2\ \Phi_{42}\ \Phi_{39}^2\ \Phi_{26}^2\ \Phi_{21}\ \Phi_{13}^2\ \Phi_6$
152297	1898	435	$\frac{1}{29}$	$\frac{2}{15}$	$\frac{14}{87}$	$\frac{1}{3}$	$\Phi_{435}^5\ \Phi_{145}^5\ \Phi_{87}^2\ \Phi_{29}\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^2\ \Phi_1^2$
152298	1898	3192	$\frac{1}{19}$	$\frac{115}{1064}$	$\frac{18}{133}$	$\frac{1}{3}$	$\Phi_{3192}\ \Phi_{1596}\ \Phi_{798}\ \Phi_{456}\ \Phi_{228}\ \Phi_{168}\ \Phi_{114}\ \Phi_{84}\ \Phi_{57}\ \Phi_{42}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
152299	1898	84	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1}{3}$	$\Phi_{84}^{22}\ \Phi_{42}^{23}\ \Phi_{28}^{22}\ \Phi_{21}^{23}\ \Phi_{14}^{22}\ \Phi_{12}^{24}\ \Phi_7^{22}\ \Phi_6^{25}\ \Phi_4^{24}\ \Phi_3^{24}\ \Phi_2^{24}\ \Phi_1^{24}$
152300	1898	1680	$\frac{1}{14}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1680}^2\ \Phi_{840}^2\ \Phi_{420}^2\ \Phi_{336}^2\ \Phi_{240}\ \Phi_{210}^2\ \Phi_{120}\ \Phi_{105}^2\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_6$
152301	1898	1134	$\frac{1}{14}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{1134}^2\ \Phi_{567}^2\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{162}^2\ \Phi_{54}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
152302	1898	540	$\frac{1}{36}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{35}{108}$	$\Phi_{540}^5\ \Phi_{270}^5\ \Phi_{135}^5\ \Phi_{108}^6\ \Phi_{54}^6\ \Phi_{27}^6\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
152303	1898	378	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{43}{189}$	$\frac{20}{63}$	$\Phi_{378}^7\ \Phi_{189}^6\ \Phi_{54}^7\ \Phi_{42}^7\ \Phi_{27}^6\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_6^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
152304	1898	1071	$\frac{6}{119}$	$\frac{122}{1071}$	$\frac{1}{7}$	$\frac{113}{357}$	$\Phi_{1071}^2\ \Phi_{357}\ \Phi_{153}^2\ \Phi_{119}^2\ \Phi_{63}^2\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}^2\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
152305	1898	210	$\frac{1}{14}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{32}{105}$	$\Phi_{210}^{14}\ \Phi_{105}^{12}\ \Phi_{42}^{14}\ \Phi_{30}^{14}\ \Phi_{21}^{12}\ \Phi_{15}^{12}\ \Phi_{14}^6\ \Phi_7^5\ \Phi_6^{14}\ \Phi_3^{12}\ \Phi_2^6\ \Phi_1^6$
152306	1898	1008	$\frac{59}{1008}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{84}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
152307	1898	1344	$\frac{3}{56}$	$\frac{53}{448}$	$\frac{1}{7}$	$\frac{395}{1344}$	$\Phi_{1344}^2\ \Phi_{672}^2\ \Phi_{336}^2\ \Phi_{192}^2\ \Phi_{168}^2\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
152308	1898	450	$\frac{2}{75}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{450}^6\ \Phi_{225}^6\ \Phi_{90}^5\ \Phi_{75}^2\ \Phi_{45}^5\ \Phi_{25}^2\ \Phi_{18}^6\ \Phi_{15}^2\ \Phi_9^6\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
152309	1898	522	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{522}^5\ \Phi_{261}^5\ \Phi_{87}^2\ \Phi_{29}\ \Phi_{18}^6\ \Phi_9^6\ \Phi_3^2\ \Phi_1^2$
152310	1898	1200	$\frac{2}{75}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{80}\ \Phi_{75}^2\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
152311	1898	1140	$\frac{3}{76}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}\ \Phi_{285}^2\ \Phi_{228}^2\ \Phi_{190}\ \Phi_{114}^2\ \Phi_{95}\ \Phi_{76}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
152312	1898	1392	$\frac{1}{29}$	$\frac{14}{87}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1392}^2\ \Phi_{696}^2\ \Phi_{464}\ \Phi_{232}\ \Phi_{87}^2\ \Phi_{48}^2\ \Phi_{29}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3^2\ \Phi_1^2$
152313	1898	480	$\frac{1}{24}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{23}{96}$	$\Phi_{480}^5\ \Phi_{240}^5\ \Phi_{160}^5\ \Phi_{96}^6\ \Phi_{80}^5\ \Phi_{48}^6\ \Phi_{32}^6\ \Phi_{16}^6\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
152314	1898	1120	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{171}{1120}$	$\frac{53}{224}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{280}^2\ \Phi_{160}^2\ \Phi_{140}^2\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
152315	1898	1232	$\frac{25}{308}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{283}{1232}$	$\Phi_{1232}^2\ \Phi_{616}^2\ \Phi_{176}^2\ \Phi_{112}^2\ \Phi_{88}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
152316	1898	84	$\frac{1}{14}$	$\frac{11}{84}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{84}^{26}\ \Phi_{42}^{26}\ \Phi_{28}^{26}\ \Phi_{21}^{26}\ \Phi_{14}^6\ \Phi_{12}^{26}\ \Phi_7^5\ \Phi_6^{26}\ \Phi_4^{26}\ \Phi_3^{26}\ \Phi_2^6\ \Phi_1^6$
152317	1898	1190	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{113}{595}$	$\frac{241}{1190}$	$\Phi_{1190}^2\ \Phi_{595}\ \Phi_{238}^2\ \Phi_{170}^2\ \Phi_{119}^2\ \Phi_{85}\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
152318	1898	90	$\frac{1}{18}$	$\frac{2}{15}$	$\frac{17}{90}$	$\frac{1}{5}$	$\Phi_{90}^{21}\ \Phi_{45}^{21}\ \Phi_{30}^{21}\ \Phi_{18}^{20}\ \Phi_{15}^{23}\ \Phi_{10}^{21}\ \Phi_9^{20}\ \Phi_6^{20}\ \Phi_5^{22}\ \Phi_3^{22}\ \Phi_2^{20}\ \Phi_1^{22}$
152319	1898	390	$\frac{5}{78}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{390}^5\ \Phi_{195}^5\ \Phi_{130}^5\ \Phi_{78}^6\ \Phi_{65}^5\ \Phi_{39}^6\ \Phi_{26}^6\ \Phi_{15}^2\ \Phi_{13}^6\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
152320	1898	420	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^5\ \Phi_{105}^5\ \Phi_{84}^6\ \Phi_{70}^5\ \Phi_{42}^6\ \Phi_{35}^5\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{15}^2\ \Phi_{14}^6\ \Phi_7^6\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
152321	1898	240	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{240}^{10}\ \Phi_{120}^8\ \Phi_{80}^6\ \Phi_{60}^8\ \Phi_{48}^{10}\ \Phi_{40}^5\ \Phi_{30}^8\ \Phi_{24}^8\ \Phi_{20}^5\ \Phi_{16}^6\ \Phi_{15}^{10}\ \Phi_{12}^8\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^8\ \Phi_5^6\ \Phi_4^4\ \Phi_3^{10}\ \Phi_2^4\ \Phi_1^6$
152322	1898	405	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{405}^5\ \Phi_{135}^5\ \Phi_{81}^6\ \Phi_{27}^6\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
152323	1898	350	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{29}{175}$	$\frac{6}{35}$	$\Phi_{350}^7\ \Phi_{175}^6\ \Phi_{50}^7\ \Phi_{25}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
152324	1899	1680	$\frac{1}{210}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{209}{420}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{420}\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{140}\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
152325	1899	420	$\frac{1}{210}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{209}{420}$	$\Phi_{420}^5\ \Phi_{210}^4\ \Phi_{140}^5\ \Phi_{105}^4\ \Phi_{84}^5\ \Phi_{70}^4\ \Phi_{60}^5\ \Phi_{42}^4\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{28}^5\ \Phi_{21}^4\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
152326	1899	1168	$\frac{1}{146}$	$\frac{49}{584}$	$\frac{535}{1168}$	$\frac{145}{292}$	$\Phi_{1168}^3\ \Phi_{292}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
152327	1899	292	$\frac{1}{146}$	$\frac{49}{292}$	$\frac{81}{292}$	$\frac{145}{292}$	$\Phi_{292}^7\ \Phi_{146}^6\ \Phi_{73}^6\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
152328	1899	2336	$\frac{1}{146}$	$\frac{437}{2336}$	$\frac{147}{584}$	$\frac{145}{292}$	$\Phi_{2336}\ \Phi_{1168}\ \Phi_{292}\ \Phi_{32}\ \Phi_{16}\ \Phi_4\ \Phi_1$
152329	1899	416	$\frac{3}{208}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{205}{416}$	$\Phi_{416}^9\ \Phi_{52}\ \Phi_{32}^9\ \Phi_4\ \Phi_1$
152330	1899	416	$\frac{3}{208}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{205}{416}$	$\Phi_{416}^9\ \Phi_{32}^9\ \Phi_{13}^2\ \Phi_1^3$
152331	1899	2080	$\frac{3}{208}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{205}{416}$	$\Phi_{2080}^2\ \Phi_{416}\ \Phi_{160}^2\ \Phi_{32}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
152332	1899	2548	$\frac{12}{637}$	$\frac{1}{13}$	$\frac{649}{2548}$	$\frac{625}{1274}$	$\Phi_{2548}\ \Phi_{637}\ \Phi_{364}\ \Phi_{196}\ \Phi_{91}\ \Phi_{52}\ \Phi_{49}\ \Phi_{28}\ \Phi_7\ \Phi_4\ \Phi_1$
152333	1899	312	$\frac{3}{104}$	$\frac{1}{26}$	$\frac{101}{312}$	$\frac{25}{52}$	$\Phi_{312}^9\ \Phi_{156}^9\ \Phi_{78}^9\ \Phi_{52}\ \Phi_{39}^9\ \Phi_{24}^9\ \Phi_{12}^9\ \Phi_6^9\ \Phi_4\ \Phi_3^9\ \Phi_1$
152334	1899	1976	$\frac{1}{26}$	$\frac{77}{1976}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{1976}\ \Phi_{988}\ \Phi_{494}\ \Phi_{247}\ \Phi_{152}\ \Phi_{76}\ \Phi_{52}\ \Phi_{38}\ \Phi_{19}\ \Phi_4\ \Phi_1$
152335	1899	832	$\frac{1}{26}$	$\frac{9}{208}$	$\frac{199}{832}$	$\frac{25}{52}$	$\Phi_{832}^3\ \Phi_{416}^3\ \Phi_{64}^3\ \Phi_{52}\ \Phi_{32}^3\ \Phi_4\ \Phi_1$
152336	1899	260	$\frac{1}{26}$	$\frac{3}{52}$	$\frac{49}{260}$	$\frac{25}{52}$	$\Phi_{260}^9\ \Phi_{130}^9\ \Phi_{65}^9\ \Phi_{52}\ \Phi_{20}^9\ \Phi_{10}^9\ \Phi_5^9\ \Phi_4\ \Phi_1$
152337	1899	676	$\frac{1}{26}$	$\frac{43}{676}$	$\frac{9}{52}$	$\frac{25}{52}$	$\Phi_{676}^3\ \Phi_{338}^3\ \Phi_{169}^3\ \Phi_{52}\ \Phi_4\ \Phi_1$
152338	1899	728	$\frac{1}{26}$	$\frac{9}{104}$	$\frac{95}{728}$	$\frac{25}{52}$	$\Phi_{728}^3\ \Phi_{364}^3\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{56}^3\ \Phi_{52}\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4\ \Phi_1$
152339	1899	2080	$\frac{1}{26}$	$\frac{181}{2080}$	$\frac{27}{208}$	$\frac{25}{52}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{260}\ \Phi_{160}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
152340	1899	3640	$\frac{79}{1820}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1741}{3640}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{280}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{40}\ \Phi_8\ \Phi_7\ \Phi_1$
152341	1899	728	$\frac{4}{91}$	$\frac{1}{13}$	$\frac{95}{728}$	$\frac{87}{182}$	$\Phi_{728}^3\ \Phi_{364}^3\ \Phi_{104}^3\ \Phi_{91}^3\ \Phi_{56}^3\ \Phi_{52}^3\ \Phi_{28}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_4^3\ \Phi_1^3$
152342	1899	1168	$\frac{1}{73}$	$\frac{49}{584}$	$\frac{24}{73}$	$\frac{535}{1168}$	$\Phi_{1168}^3\ \Phi_{73}^2\ \Phi_{16}^3\ \Phi_1^3$
152343	1899	219	$\frac{8}{219}$	$\frac{7}{73}$	$\frac{10}{73}$	$\frac{33}{73}$	$\Phi_{219}^9\ \Phi_{73}^8\ \Phi_3^9\ \Phi_1^9$
152344	1899	292	$\frac{1}{73}$	$\frac{8}{73}$	$\frac{81}{292}$	$\frac{65}{146}$	$\Phi_{292}^9\ \Phi_{73}^8\ \Phi_4^9\ \Phi_1^9$
152345	1899	3408	$\frac{2}{213}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{3408}\ \Phi_{1136}\ \Phi_{213}\ \Phi_{71}\ \Phi_{16}\ \Phi_1$
152346	1899	5040	$\frac{1}{105}$	$\frac{1}{8}$	$\frac{104}{315}$	$\frac{7}{16}$	$\Phi_{5040}\ \Phi_{1008}\ \Phi_{720}\ \Phi_{315}\ \Phi_{144}\ \Phi_{63}\ \Phi_{45}\ \Phi_{16}\ \Phi_9\ \Phi_1$
152347	1899	560	$\frac{1}{70}$	$\frac{1}{8}$	$\frac{69}{280}$	$\frac{7}{16}$	$\Phi_{560}^6\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}^6\ \Phi_{80}^6\ \Phi_{56}\ \Phi_{40}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}^7\ \Phi_8\ \Phi_4\ \Phi_1$
152348	1899	3440	$\frac{4}{215}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{3440}\ \Phi_{688}\ \Phi_{215}\ \Phi_{43}\ \Phi_{16}\ \Phi_1$
152349	1899	432	$\frac{5}{216}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{432}^8\ \Phi_{216}\ \Phi_{144}^8\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}^6\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}^7\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
152350	1899	1008	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{41}{252}$	$\frac{7}{16}$	$\Phi_{1008}^4\ \Phi_{336}^2\ \Phi_{252}\ \Phi_{144}^4\ \Phi_{126}\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{63}\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
152351	1899	3472	$\frac{6}{217}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{3472}\ \Phi_{496}\ \Phi_{217}\ \Phi_{31}\ \Phi_{16}\ \Phi_1$
152352	1899	3920	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{34}{245}$	$\frac{7}{16}$	$\Phi_{3920}\ \Phi_{784}\ \Phi_{245}\ \Phi_{49}\ \Phi_{16}\ \Phi_1$
152353	1899	240	$\frac{1}{30}$	$\frac{29}{240}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{240}^7\ \Phi_{120}^9\ \Phi_{80}^7\ \Phi_{60}^9\ \Phi_{48}^7\ \Phi_{40}^9\ \Phi_{30}^8\ \Phi_{24}^9\ \Phi_{20}^9\ \Phi_{16}^8\ \Phi_{15}^8\ \Phi_{12}^9\ \Phi_{10}^8\ \Phi_8^9\ \Phi_6^8\ \Phi_5^8\ \Phi_4^9\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
152354	1899	880	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{880}^4\ \Phi_{220}\ \Phi_{176}^4\ \Phi_{110}\ \Phi_{80}^2\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{11}\ \Phi_4\ \Phi_1$
152355	1899	3696	$\frac{1}{21}$	$\frac{20}{231}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{231}\ \Phi_{176}\ \Phi_{77}\ \Phi_{33}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
152356	1899	224	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{224}^9\ \Phi_{112}^7\ \Phi_{56}^9\ \Phi_{32}^9\ \Phi_{28}^9\ \Phi_{16}^8\ \Phi_{14}^8\ \Phi_8^9\ \Phi_7^8\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
152357	1899	3600	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{225}\ \Phi_{144}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{16}\ \Phi_9\ \Phi_1$
152358	1899	2002	$\frac{103}{2002}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{79}{182}$	$\Phi_{2002}\ \Phi_{1001}\ \Phi_{286}\ \Phi_{154}\ \Phi_{143}\ \Phi_{91}\ \Phi_{77}\ \Phi_{22}\ \Phi_{11}\ \Phi_7\ \Phi_1$
152359	1899	364	$\frac{4}{91}$	$\frac{1}{13}$	$\frac{29}{182}$	$\frac{153}{364}$	$\Phi_{364}^9\ \Phi_{91}^3\ \Phi_{52}^9\ \Phi_{28}^9\ \Phi_{13}^2\ \Phi_7^3\ \Phi_4^9\ \Phi_1^3$
152360	1899	219	$\frac{8}{219}$	$\frac{5}{73}$	$\frac{17}{73}$	$\frac{28}{73}$	$\Phi_{219}^9\ \Phi_{73}^8\ \Phi_3^9\ \Phi_1^9$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
152361	1899	1080	$\frac{5}{216}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{108}\ \Phi_{90}^2\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{54}\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
152362	1899	650	$\frac{17}{650}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{650}^3\ \Phi_{325}^3\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{13}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1^3$
152363	1899	1590	$\frac{1}{53}$	$\frac{1}{10}$	$\frac{52}{159}$	$\frac{107}{318}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{530}^2\ \Phi_{265}^2\ \Phi_{159}\ \Phi_{106}\ \Phi_{53}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$
152364	1899	730	$\frac{1}{73}$	$\frac{97}{730}$	$\frac{24}{73}$	$\frac{49}{146}$	$\Phi_{730}^3\ \Phi_{365}^3\ \Phi_{73}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_1^3$
152365	1899	852	$\frac{2}{213}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{852}^2\ \Phi_{426}^2\ \Phi_{284}^2\ \Phi_{213}^3\ \Phi_{142}^2\ \Phi_{71}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
152366	1899	1260	$\frac{1}{105}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{104}{315}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^3\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{63}^3\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
152367	1899	292	$\frac{1}{73}$	$\frac{49}{292}$	$\frac{81}{292}$	$\frac{24}{73}$	$\Phi_{292}^6\ \Phi_{146}^6\ \Phi_{73}^8\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
152368	1899	312	$\frac{3}{104}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{101}{312}$	$\Phi_{312}^9\ \Phi_{156}^9\ \Phi_{78}^9\ \Phi_{39}^9\ \Phi_{24}^9\ \Phi_{13}^2\ \Phi_{12}^9\ \Phi_6^9\ \Phi_3^9\ \Phi_1^3$
152369	1899	1560	$\frac{3}{104}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{101}{312}$	$\Phi_{1560}^2\ \Phi_{780}^2\ \Phi_{390}^2\ \Phi_{312}\ \Phi_{195}^2\ \Phi_{156}\ \Phi_{120}^2\ \Phi_{78}\ \Phi_{60}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
152370	1899	273	$\frac{4}{91}$	$\frac{1}{13}$	$\frac{62}{273}$	$\frac{29}{91}$	$\Phi_{273}^9\ \Phi_{91}^3\ \Phi_{39}^9\ \Phi_{21}^9\ \Phi_{13}^2\ \Phi_7^3\ \Phi_3^9\ \Phi_1^3$
152371	1899	832	$\frac{9}{208}$	$\frac{1}{13}$	$\frac{199}{832}$	$\frac{4}{13}$	$\Phi_{832}^3\ \Phi_{416}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{13}^2\ \Phi_1^3$
152372	1899	221	$\frac{10}{221}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{221}^9\ \Phi_{17}^9\ \Phi_{13}^2\ \Phi_1^3$
152373	1899	260	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{49}{260}$	$\frac{4}{13}$	$\Phi_{260}^9\ \Phi_{130}^9\ \Phi_{65}^9\ \Phi_{20}^9\ \Phi_{13}^2\ \Phi_{10}^9\ \Phi_5^9\ \Phi_1^3$
152374	1899	676	$\frac{43}{676}$	$\frac{1}{13}$	$\frac{9}{52}$	$\frac{4}{13}$	$\Phi_{676}^3\ \Phi_{338}^3\ \Phi_{169}^3\ \Phi_{13}^2\ \Phi_1^3$
152375	1899	728	$\frac{1}{13}$	$\frac{9}{104}$	$\frac{95}{728}$	$\frac{4}{13}$	$\Phi_{728}^3\ \Phi_{364}^3\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{56}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{13}^2\ \Phi_7^3\ \Phi_1^3$
152376	1899	234	$\frac{1}{13}$	$\frac{23}{234}$	$\frac{3}{26}$	$\frac{4}{13}$	$\Phi_{234}^9\ \Phi_{117}^9\ \Phi_{78}^9\ \Phi_{39}^9\ \Phi_{18}^9\ \Phi_{13}^2\ \Phi_9^9\ \Phi_6^9\ \Phi_3^9\ \Phi_1^3$
152377	1899	910	$\frac{1}{13}$	$\frac{79}{910}$	$\frac{12}{91}$	$\frac{277}{910}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{182}^2\ \Phi_{130}^2\ \Phi_{91}^3\ \Phi_{70}^2\ \Phi_{65}^2\ \Phi_{35}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_7^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
152378	1899	219	$\frac{8}{219}$	$\frac{7}{73}$	$\frac{17}{73}$	$\frac{22}{73}$	$\Phi_{219}^9\ \Phi_{73}^8\ \Phi_3^9\ \Phi_1^9$
152379	1899	280	$\frac{1}{70}$	$\frac{69}{280}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{280}^9\ \Phi_{140}^5\ \Phi_{70}^4\ \Phi_{56}^9\ \Phi_{40}^9\ \Phi_{35}^4\ \Phi_{28}^5\ \Phi_{20}^5\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_8^9\ \Phi_7^4\ \Phi_5^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
152380	1899	860	$\frac{4}{215}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{860}^2\ \Phi_{430}^2\ \Phi_{215}^3\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{43}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
152381	1899	216	$\frac{5}{216}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{216}^9\ \Phi_{108}^9\ \Phi_{72}^9\ \Phi_{54}^9\ \Phi_{36}^9\ \Phi_{27}^9\ \Phi_{24}^9\ \Phi_{18}^9\ \Phi_{12}^5\ \Phi_9^9\ \Phi_8^9\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
152382	1899	252	$\frac{1}{42}$	$\frac{41}{252}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{252}^9\ \Phi_{126}^9\ \Phi_{84}^5\ \Phi_{63}^9\ \Phi_{42}^4\ \Phi_{36}^9\ \Phi_{28}^5\ \Phi_{21}^4\ \Phi_{18}^9\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_9^9\ \Phi_7^4\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
152383	1899	868	$\frac{6}{217}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{868}^2\ \Phi_{434}^2\ \Phi_{217}^3\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
152384	1899	980	$\frac{1}{35}$	$\frac{34}{245}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{245}^3\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{49}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
152385	1899	240	$\frac{1}{30}$	$\frac{29}{240}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{240}^9\ \Phi_{120}^9\ \Phi_{80}^9\ \Phi_{60}^5\ \Phi_{48}^9\ \Phi_{40}^9\ \Phi_{30}^4\ \Phi_{24}^9\ \Phi_{20}^5\ \Phi_{16}^9\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_8^9\ \Phi_6^4\ \Phi_5^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
152386	1899	220	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{220}^9\ \Phi_{110}^9\ \Phi_{55}^9\ \Phi_{44}^9\ \Phi_{22}^9\ \Phi_{20}^5\ \Phi_{11}^9\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
152387	1899	924	$\frac{1}{21}$	$\frac{20}{231}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^3\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{77}^3\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
152388	1899	224	$\frac{13}{224}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{224}^9\ \Phi_{112}^9\ \Phi_{56}^9\ \Phi_{32}^9\ \Phi_{28}^5\ \Phi_{16}^9\ \Phi_{14}^4\ \Phi_8^9\ \Phi_7^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
152389	1899	900	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^3\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^3\ \Phi_{50}^2\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{25}^3\ \Phi_{18}^2\ \Phi_9^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
152390	1899	260	$\frac{3}{52}$	$\frac{1}{10}$	$\frac{49}{260}$	$\frac{1}{4}$	$\Phi_{260}^7\ \Phi_{130}^7\ \Phi_{65}^7\ \Phi_{52}^8\ \Phi_{26}^8\ \Phi_{20}^9\ \Phi_{13}^8\ \Phi_{10}^8\ \Phi_5^8\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
152391	1899	1120	$\frac{13}{224}$	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{280}^2\ \Phi_{224}\ \Phi_{160}^2\ \Phi_{140}^2\ \Phi_{112}\ \Phi_{70}^2\ \Phi_{56}\ \Phi_{35}^2\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
152392	1899	728	$\frac{1}{13}$	$\frac{95}{728}$	$\frac{12}{91}$	$\frac{79}{364}$	$\Phi_{728}^3\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{104}^3\ \Phi_{91}^3\ \Phi_{56}^3\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
152393	1899	2275	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{376}{2275}$	$\frac{79}{455}$	$\Phi_{2275}\ \Phi_{325}\ \Phi_{175}\ \Phi_{91}\ \Phi_{25}\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
152394	1900	948	$\frac{1}{474}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{473}{948}$	$\Phi_{948}^4\ \Phi_{316}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
152395	1900	3032	$\frac{1}{379}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{189}{379}$	$\Phi_{3032}\ \Phi_{379}\ \Phi_8^2\ \Phi_1^2$
152396	1900	1902	$\frac{1}{317}$	$\frac{159}{634}$	$\frac{1}{3}$	$\frac{158}{317}$	$\Phi_{1902}^2\ \Phi_{951}\ \Phi_6^2$
152397	1900	844	$\frac{1}{211}$	$\frac{53}{422}$	$\frac{369}{844}$	$\frac{105}{211}$	$\Phi_{844}^4\ \Phi_{211}\ \Phi_4^4\ \Phi_1^2$
152398	1900	633	$\frac{1}{211}$	$\frac{158}{633}$	$\frac{53}{211}$	$\frac{105}{211}$	$\Phi_{633}^4\ \Phi_{211}\ \Phi_3^4\ \Phi_1^2$
152399	1900	189	$\frac{1}{189}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{94}{189}$	$\Phi_{189}^{10}\ \Phi_{63}^{10}\ \Phi_{27}^{10}\ \Phi_{21}^{10}\ \Phi_9^{11}\ \Phi_7^{10}\ \Phi_3^{11}\ \Phi_1^{12}$
152400	1900	378	$\frac{1}{189}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{94}{189}$	$\Phi_{378}^6\ \Phi_{189}^4\ \Phi_{126}^6\ \Phi_{63}^4\ \Phi_{54}^6\ \Phi_{42}^6\ \Phi_{27}^4\ \Phi_{21}^4\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_9^4\ \Phi_7^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
152401	1900	1899	$\frac{11}{1899}$	$\frac{191}{1899}$	$\frac{854}{1899}$	$\frac{944}{1899}$	$\Phi_{1899}\ \Phi_{633}\ \Phi_{211}\ \Phi_9\ \Phi_3\ \Phi_1^2$
152402	1900	4720	$\frac{3}{472}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{469}{944}$	$\Phi_{4720}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
152403	1900	762	$\frac{1}{127}$	$\frac{1}{6}$	$\frac{32}{127}$	$\frac{63}{127}$	$\Phi_{762}^3\ \Phi_{381}^3\ \Phi_{254}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
152404	1900	1899	$\frac{17}{1899}$	$\frac{284}{1899}$	$\frac{479}{1899}$	$\frac{941}{1899}$	$\Phi_{1899}\ \Phi_{633}\ \Phi_{211}\ \Phi_9\ \Phi_3\ \Phi_1^2$
152405	1900	951	$\frac{3}{317}$	$\frac{32}{317}$	$\frac{1}{3}$	$\frac{157}{317}$	$\Phi_{951}^3\ \Phi_3^2$
152406	1900	396	$\frac{1}{99}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{49}{99}$	$\Phi_{396}^9\ \Phi_{132}^9\ \Phi_{99}\ \Phi_{44}^9\ \Phi_{36}^{10}\ \Phi_{33}\ \Phi_{12}^{10}\ \Phi_{11}\ \Phi_9\ \Phi_4^{10}\ \Phi_3\ \Phi_1^2$
152407	1900	693	$\frac{1}{99}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{49}{99}$	$\Phi_{693}^3\ \Phi_{231}^3\ \Phi_{99}\ \Phi_{77}^3\ \Phi_{63}^3\ \Phi_{33}\ \Phi_{21}^4\ \Phi_{11}\ \Phi_9\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
152408	1900	297	$\frac{1}{99}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{49}{99}$	$\Phi_{297}^9\ \Phi_{99}\ \Phi_{33}\ \Phi_{27}^{10}\ \Phi_{11}\ \Phi_9\ \Phi_3\ \Phi_1^2$
152409	1900	792	$\frac{1}{99}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{49}{99}$	$\Phi_{792}^3\ \Phi_{396}^3\ \Phi_{264}^3\ \Phi_{132}^3\ \Phi_{99}\ \Phi_{88}^3\ \Phi_{72}^3\ \Phi_{44}^3\ \Phi_{36}^3\ \Phi_{33}\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_{11}\ \Phi_9\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
152410	1900	3572	$\frac{1}{94}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{93}{188}$	$\Phi_{3572}\ \Phi_{188}^2\ \Phi_{76}\ \Phi_{19}\ \Phi_4^2\ \Phi_1^2$
152411	1900	6204	$\frac{1}{94}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{93}{188}$	$\Phi_{6204}\ \Phi_{132}\ \Phi_{33}$
152412	1900	3572	$\frac{1}{94}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{93}{188}$	$\Phi_{3572}\ \Phi_{188}^2\ \Phi_{76}\ \Phi_{19}\ \Phi_4^2\ \Phi_1^2$
152413	1900	2820	$\frac{1}{94}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{93}{188}$	$\Phi_{2820}^2\ \Phi_{940}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
152414	1900	4690	$\frac{6}{469}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{463}{938}$	$\Phi_{4690}\ \Phi_{670}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
152415	1900	1200	$\frac{1}{75}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{37}{75}$	$\Phi_{1200}^3\ \Phi_{400}^3\ \Phi_{240}^3\ \Phi_{80}^3\ \Phi_{75}\ \Phi_{48}^4\ \Phi_{25}\ \Phi_{16}^4\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
152416	1900	675	$\frac{1}{75}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{37}{75}$	$\Phi_{675}^3\ \Phi_{225}^3\ \Phi_{135}^3\ \Phi_{75}\ \Phi_{45}^3\ \Phi_{27}^4\ \Phi_{25}\ \Phi_{15}\ \Phi_9^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
152417	1900	900	$\frac{1}{75}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{37}{75}$	$\Phi_{900}^3\ \Phi_{450}^3\ \Phi_{225}^3\ \Phi_{180}^3\ \Phi_{90}^3\ \Phi_{75}\ \Phi_{45}^3\ \Phi_{36}^4\ \Phi_{25}\ \Phi_{18}^4\ \Phi_{15}\ \Phi_9^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
152418	1900	2100	$\frac{1}{75}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{37}{75}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{75}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
152419	1900	2400	$\frac{1}{75}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{37}{75}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{75}\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{25}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
152420	1900	150	$\frac{1}{75}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{37}{75}$	$\Phi_{150}^{12}\ \Phi_{75}^{13}\ \Phi_{50}^{12}\ \Phi_{30}^{12}\ \Phi_{25}^{13}\ \Phi_{15}^{13}\ \Phi_{10}^{12}\ \Phi_6^{16}\ \Phi_5^{13}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
152421	1900	2720	$\frac{1}{68}$	$\frac{69}{544}$	$\frac{1}{5}$	$\frac{67}{136}$	$\Phi_{2720}\ \Phi_{1360}\ \Phi_{340}\ \Phi_{170}\ \Phi_{160}\ \Phi_{85}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
152422	1900	936	$\frac{7}{468}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{461}{936}$	$\Phi_{936}^4\ \Phi_{312}^4\ \Phi_{104}^4\ \Phi_{72}^4\ \Phi_{24}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
152423	1900	1813	$\frac{1}{49}$	$\frac{1}{37}$	$\frac{18}{37}$	$\frac{24}{49}$	$\Phi_{1813}\ \Phi_{259}\ \Phi_{49}^2\ \Phi_{37}^2\ \Phi_7^2\ \Phi_1^4$
152424	1900	2940	$\frac{1}{49}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{735}\ \Phi_{588}\ \Phi_{420}\ \Phi_{294}\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2$
152425	1900	633	$\frac{13}{633}$	$\frac{17}{633}$	$\frac{308}{633}$	$\frac{310}{633}$	$\Phi_{633}^3\ \Phi_{211}^3\ \Phi_3^3\ \Phi_1^4$
152426	1900	1302	$\frac{2}{93}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{91}{186}$	$\Phi_{1302}^3\ \Phi_{434}^3\ \Phi_{186}^2\ \Phi_{62}^2\ \Phi_{42}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
152427	1900	1899	$\frac{41}{1899}$	$\frac{194}{1899}$	$\frac{341}{1899}$	$\frac{929}{1899}$	$\Phi_{1899}\ \Phi_{633}\ \Phi_{211}\ \Phi_9\ \Phi_3\ \Phi_1^2$
152428	1900	762	$\frac{3}{127}$	$\frac{13}{127}$	$\frac{1}{6}$	$\frac{62}{127}$	$\Phi_{762}^3\ \Phi_{381}^3\ \Phi_{254}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
152429	1900	2886	$\frac{1}{37}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{2886}\ \Phi_{1443}\ \Phi_{222}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_6^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
152430	1900	1813	$\frac{1}{37}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{18}{37}$	$\Phi_{1813}\ \Phi_{259}\ \Phi_{49}^2\ \Phi_{37}^2\ \Phi_7^2\ \Phi_1^4$
152431	1900	2442	$\frac{1}{37}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{18}{37}$	$\Phi_{2442}\ \Phi_{1221}\ \Phi_{814}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2$
152432	1900	1036	$\frac{1}{37}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{18}{37}$	$\Phi_{1036}^2\ \Phi_{518}^2\ \Phi_{259}\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_7^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
152433	1900	4620	$\frac{13}{462}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{449}{924}$	$\Phi_{4620}\ \Phi_{1540}\ \Phi_{660}\ \Phi_{420}\ \Phi_{220}\ \Phi_{140}\ \Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
152434	1900	2020	$\frac{3}{101}$	$\frac{1}{20}$	$\frac{26}{101}$	$\frac{49}{101}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{505}\ \Phi_{404}\ \Phi_{202}$
152435	1900	2688	$\frac{1}{32}$	$\frac{1}{21}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
152436	1900	3864	$\frac{3}{92}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{89}{184}$	$\Phi_{3864}\ \Phi_{1288}\ \Phi_{552}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
152437	1900	4590	$\frac{16}{459}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{443}{918}$	$\Phi_{4590}\ \Phi_{1530}\ \Phi_{510}\ \Phi_{270}\ \Phi_{170}\ \Phi_{90}\ \Phi_{85}\ \Phi_{30}\ \Phi_{10}$
152438	1900	2520	$\frac{1}{28}$	$\frac{29}{504}$	$\frac{1}{5}$	$\frac{27}{56}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{360}\ \Phi_{315}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
152439	1900	1899	$\frac{73}{1899}$	$\frac{74}{1899}$	$\frac{493}{1899}$	$\frac{913}{1899}$	$\Phi_{1899}\ \Phi_{633}\ \Phi_{211}\ \Phi_9\ \Phi_3\ \Phi_1^2$
152440	1900	951	$\frac{26}{951}$	$\frac{37}{951}$	$\frac{1}{3}$	$\frac{457}{951}$	$\Phi_{951}^2\ \Phi_{317}^2\ \Phi_3\ \Phi_1^2$
152441	1900	2002	$\frac{1}{26}$	$\frac{3}{77}$	$\frac{20}{77}$	$\frac{37}{77}$	$\Phi_{2002}\ \Phi_{1001}\ \Phi_{286}\ \Phi_{182}\ \Phi_{154}\ \Phi_{143}\ \Phi_{91}\ \Phi_{22}\ \Phi_{14}$
152442	1900	624	$\frac{1}{39}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{624}^6\ \Phi_{208}^6\ \Phi_{48}^4\ \Phi_{39}^2\ \Phi_{16}^4\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
152443	1900	1200	$\frac{1}{25}$	$\frac{1}{24}$	$\frac{6}{25}$	$\frac{23}{48}$	$\Phi_{1200}^3\ \Phi_{400}^3\ \Phi_{240}^3\ \Phi_{80}^3\ \Phi_{48}^4\ \Phi_{25}^3\ \Phi_{16}^4\ \Phi_5^3\ \Phi_1^4$
152444	1900	240	$\frac{1}{24}$	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{240}^{15}\ \Phi_{80}^{15}\ \Phi_{48}^{16}\ \Phi_{20}^4\ \Phi_{16}^{16}\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
152445	1900	720	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{23}{48}$	$\Phi_{720}^6\ \Phi_{240}^3\ \Phi_{144}^6\ \Phi_{80}^3\ \Phi_{48}^4\ \Phi_{45}^2\ \Phi_{16}^4\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
152446	1900	211	$\frac{9}{211}$	$\frac{11}{211}$	$\frac{40}{211}$	$\frac{101}{211}$	$\Phi_{211}^9\ \Phi_1^{10}$
152447	1900	2101	$\frac{9}{191}$	$\frac{1}{11}$	$\frac{20}{191}$	$\frac{91}{191}$	Φ_{2101}
152448	1900	1899	$\frac{91}{1899}$	$\frac{170}{1899}$	$\frac{199}{1899}$	$\frac{904}{1899}$	$\Phi_{1899}\ \Phi_{633}\ \Phi_{211}\ \Phi_9\ \Phi_3\ \Phi_1^2$
152449	1900	762	$\frac{19}{381}$	$\frac{20}{381}$	$\frac{1}{6}$	$\frac{181}{381}$	$\Phi_{762}^3\ \Phi_{381}^2\ \Phi_{254}^3\ \Phi_{127}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
152450	1900	1899	$\frac{56}{1899}$	$\frac{97}{1899}$	$\frac{499}{1899}$	$\frac{901}{1899}$	$\Phi_{1899}\ \Phi_{633}\ \Phi_{211}\ \Phi_9\ \Phi_3\ \Phi_1^2$
152451	1900	951	$\frac{20}{951}$	$\frac{49}{951}$	$\frac{1}{3}$	$\frac{451}{951}$	$\Phi_{951}^2\ \Phi_{317}^2\ \Phi_3\ \Phi_1^2$
152452	1900	2679	$\frac{1}{47}$	$\frac{1}{19}$	$\frac{46}{141}$	$\frac{9}{19}$	$\Phi_{2679}\ \Phi_{141}^2\ \Phi_{57}\ \Phi_{19}\ \Phi_3^2\ \Phi_1^2$
152453	1900	893	$\frac{2}{47}$	$\frac{1}{19}$	$\frac{9}{47}$	$\frac{9}{19}$	$\Phi_{893}^2\ \Phi_{47}^4\ \Phi_{19}^3\ \Phi_1^6$
152454	1900	1140	$\frac{1}{20}$	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}\ \Phi_{285}^2\ \Phi_{228}^2\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}^4\ \Phi_{57}\ \Phi_{30}^4\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
152455	1900	612	$\frac{1}{51}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{612}^6\ \Phi_{204}^6\ \Phi_{68}^6\ \Phi_{51}^2\ \Phi_{36}^4\ \Phi_{17}^2\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
152456	1900	396	$\frac{1}{33}$	$\frac{1}{18}$	$\frac{8}{33}$	$\frac{17}{36}$	$\Phi_{396}^9\ \Phi_{132}^9\ \Phi_{44}^9\ \Phi_{36}^{10}\ \Phi_{33}^3\ \Phi_{12}^{10}\ \Phi_{11}^3\ \Phi_4^{10}\ \Phi_3^3\ \Phi_1^4$
152457	1900	2340	$\frac{1}{26}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{2340}^2\ \Phi_{780}^2\ \Phi_{260}^2\ \Phi_{180}\ \Phi_{130}\ \Phi_{65}\ \Phi_{60}\ \Phi_{20}\ \Phi_{10}$
152458	1900	396	$\frac{4}{99}$	$\frac{1}{18}$	$\frac{19}{99}$	$\frac{17}{36}$	$\Phi_{396}^9\ \Phi_{132}^9\ \Phi_{99}\ \Phi_{44}^9\ \Phi_{36}^{10}\ \Phi_{33}\ \Phi_{12}^{10}\ \Phi_{11}\ \Phi_9\ \Phi_4^{10}\ \Phi_3\ \Phi_1^2$
152459	1900	252	$\frac{1}{21}$	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{252}^{15}\ \Phi_{84}^{15}\ \Phi_{42}^3\ \Phi_{36}^{10}\ \Phi_{28}^{15}\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}^{10}\ \Phi_7^2\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
152460	1900	108	$\frac{1}{18}$	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{17}{36}$	$\Phi_{108}^{36}\ \Phi_{36}^{28}\ \Phi_{27}^4\ \Phi_{12}^{28}\ \Phi_9^3\ \Phi_4^{28}\ \Phi_3^3\ \Phi_1^4$
152461	1900	396	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{17}{36}$	$\Phi_{396}^9\ \Phi_{132}^9\ \Phi_{44}^9\ \Phi_{36}^{10}\ \Phi_{12}^{10}\ \Phi_{11}^9\ \Phi_4^{10}\ \Phi_1^{10}$
152462	1900	1326	$\frac{1}{39}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{1326}^2\ \Phi_{663}\ \Phi_{442}^2\ \Phi_{221}\ \Phi_{102}^2\ \Phi_{78}^2\ \Phi_{51}\ \Phi_{26}^2\ \Phi_6^2$
152463	1900	4480	$\frac{1}{28}$	$\frac{27}{448}$	$\frac{1}{5}$	$\frac{421}{896}$	$\Phi_{4480}\ \Phi_{640}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
152464	1900	4420	$\frac{1}{34}$	$\frac{33}{442}$	$\frac{1}{5}$	$\frac{409}{884}$	$\Phi_{4420}\ \Phi_{340}\ \Phi_{260}\ \Phi_{170}\ \Phi_{85}\ \Phi_{20}\ \Phi_{10}$
152465	1900	1326	$\frac{1}{51}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{1326}^2\ \Phi_{663}\ \Phi_{442}^2\ \Phi_{221}\ \Phi_{102}^2\ \Phi_{78}^2\ \Phi_{39}\ \Phi_{34}^2\ \Phi_6^2$
152466	1900	3696	$\frac{1}{21}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{81}{176}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
152467	1900	211	$\frac{6}{211}$	$\frac{17}{211}$	$\frac{41}{211}$	$\frac{97}{211}$	$\Phi_{211}^{9}\ \Phi_{1}^{10}$
152468	1900	910	$\frac{1}{26}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{910}^{2}\ \Phi_{455}^{2}\ \Phi_{182}^{3}\ \Phi_{130}^{2}\ \Phi_{91}^{3}\ \Phi_{70}^{2}\ \Phi_{65}^{2}\ \Phi_{26}^{2}\ \Phi_{14}^{3}\ \Phi_{13}^{2}\ \Phi_{10}^{2}\ \Phi_{2}^{2}$
152469	1900	2020	$\frac{1}{20}$	$\frac{9}{101}$	$\frac{11}{101}$	$\frac{46}{101}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{505}\ \Phi_{404}\ \Phi_{202}$
152470	1900	286	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{286}^{7}\ \Phi_{143}^{7}\ \Phi_{26}^{6}\ \Phi_{22}^{3}\ \Phi_{13}^{6}\ \Phi_{11}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
152471	1900	1899	$\frac{89}{1899}$	$\frac{181}{1899}$	$\frac{208}{1899}$	$\frac{859}{1899}$	$\Phi_{1899}\ \Phi_{633}\ \Phi_{211}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
152472	1900	762	$\frac{11}{381}$	$\frac{37}{381}$	$\frac{1}{6}$	$\frac{172}{381}$	$\Phi_{762}^{3}\ \Phi_{381}^{2}\ \Phi_{254}^{3}\ \Phi_{127}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
152473	1900	288	$\frac{1}{96}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{288}^{6}\ \Phi_{144}^{6}\ \Phi_{96}^{8}\ \Phi_{72}^{6}\ \Phi_{48}^{8}\ \Phi_{36}^{6}\ \Phi_{32}^{8}\ \Phi_{24}^{8}\ \Phi_{18}^{6}\ \Phi_{16}^{8}\ \Phi_{12}^{8}\ \Phi_{9}^{4}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
152474	1900	126	$\frac{1}{63}$	$\frac{1}{9}$	$\frac{31}{126}$	$\frac{4}{9}$	$\Phi_{126}^{20}\ \Phi_{63}^{10}\ \Phi_{42}^{20}\ \Phi_{21}^{10}\ \Phi_{18}^{20}\ \Phi_{14}^{20}\ \Phi_{9}^{11}\ \Phi_{7}^{10}\ \Phi_{6}^{20}\ \Phi_{3}^{11}\ \Phi_{2}^{20}\ \Phi_{1}^{12}$
152475	1900	189	$\frac{4}{189}$	$\frac{1}{9}$	$\frac{37}{189}$	$\frac{4}{9}$	$\Phi_{189}^{10}\ \Phi_{63}^{10}\ \Phi_{27}^{10}\ \Phi_{21}^{10}\ \Phi_{9}^{11}\ \Phi_{7}^{10}\ \Phi_{3}^{11}\ \Phi_{1}^{12}$
152476	1900	486	$\frac{11}{486}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{486}^{4}\ \Phi_{243}^{4}\ \Phi_{162}^{4}\ \Phi_{81}^{4}\ \Phi_{54}^{4}\ \Phi_{27}^{2}\ \Phi_{18}^{4}\ \Phi_{9}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
152477	1900	234	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{234}^{9}\ \Phi_{117}^{6}\ \Phi_{78}^{12}\ \Phi_{39}^{8}\ \Phi_{26}^{12}\ \Phi_{18}^{6}\ \Phi_{13}^{8}\ \Phi_{9}^{4}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
152478	1900	567	$\frac{5}{189}$	$\frac{1}{9}$	$\frac{92}{567}$	$\frac{4}{9}$	$\Phi_{567}^{4}\ \Phi_{189}^{2}\ \Phi_{81}^{4}\ \Phi_{63}^{2}\ \Phi_{27}^{2}\ \Phi_{21}^{2}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
152479	1900	882	$\frac{3}{98}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{882}^{2}\ \Phi_{441}^{2}\ \Phi_{294}^{2}\ \Phi_{147}^{2}\ \Phi_{126}^{2}\ \Phi_{98}^{4}\ \Phi_{63}\ \Phi_{49}^{4}\ \Phi_{42}^{2}\ \Phi_{21}\ \Phi_{18}^{2}\ \Phi_{14}^{4}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
152480	1900	108	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{13}{108}$	$\frac{4}{9}$	$\Phi_{108}^{20}\ \Phi_{54}^{20}\ \Phi_{36}^{20}\ \Phi_{27}^{10}\ \Phi_{18}^{20}\ \Phi_{12}^{20}\ \Phi_{9}^{11}\ \Phi_{6}^{20}\ \Phi_{4}^{20}\ \Phi_{3}^{11}\ \Phi_{2}^{20}\ \Phi_{1}^{12}$
152481	1900	99	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{99}^{20}\ \Phi_{33}^{20}\ \Phi_{11}^{20}\ \Phi_{9}^{11}\ \Phi_{3}^{11}\ \Phi_{1}^{12}$
152482	1900	63	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{63}^{27}\ \Phi_{21}^{36}\ \Phi_{9}^{28}\ \Phi_{7}^{36}\ \Phi_{3}^{37}\ \Phi_{1}^{38}$
152483	1900	1980	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}^{2}\ \Phi_{198}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}^{2}\ \Phi_{66}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}$
152484	1900	504	$\frac{29}{504}$	$\frac{5}{63}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{168}^{4}\ \Phi_{126}^{4}\ \Phi_{84}^{4}\ \Phi_{72}^{4}\ \Phi_{63}^{2}\ \Phi_{56}^{4}\ \Phi_{42}^{4}\ \Phi_{36}^{4}\ \Phi_{28}^{4}\ \Phi_{24}^{4}\ \Phi_{21}^{2}\ \Phi_{18}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{3}\ \Phi_{8}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
152485	1900	844	$\frac{3}{211}$	$\frac{53}{422}$	$\frac{52}{211}$	$\frac{369}{844}$	$\Phi_{844}^{4}\ \Phi_{211}\ \Phi_{4}^{4}\ \Phi_{1}^{2}$
152486	1900	168	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{168}$	$\Phi_{168}^{20}\ \Phi_{84}^{3}\ \Phi_{56}^{20}\ \Phi_{42}^{3}\ \Phi_{28}^{3}\ \Phi_{24}^{20}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{20}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
152487	1900	672	$\frac{1}{96}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{3}\ \Phi_{96}^{2}\ \Phi_{84}^{3}\ \Phi_{56}^{3}\ \Phi_{48}^{2}\ \Phi_{42}^{3}\ \Phi_{32}^{2}\ \Phi_{28}^{3}\ \Phi_{24}^{2}\ \Phi_{21}^{3}\ \Phi_{16}^{2}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
152488	1900	546	$\frac{1}{26}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{546}^{4}\ \Phi_{273}^{4}\ \Phi_{182}^{3}\ \Phi_{91}^{3}\ \Phi_{78}^{4}\ \Phi_{42}^{4}\ \Phi_{39}^{4}\ \Phi_{26}^{2}\ \Phi_{14}^{3}\ \Phi_{13}^{2}\ \Phi_{6}^{4}\ \Phi_{2}^{2}$
152489	1900	858	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{858}^{2}\ \Phi_{429}^{2}\ \Phi_{286}^{3}\ \Phi_{143}^{3}\ \Phi_{78}^{2}\ \Phi_{66}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{2}\ \Phi_{22}^{3}\ \Phi_{13}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
152490	1900	1899	$\frac{29}{1899}$	$\frac{305}{1899}$	$\frac{374}{1899}$	$\frac{797}{1899}$	$\Phi_{1899}\ \Phi_{633}\ \Phi_{211}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
152491	1900	4080	$\frac{1}{68}$	$\frac{67}{408}$	$\frac{1}{5}$	$\frac{341}{816}$	$\Phi_{4080}\ \Phi_{1360}\ \Phi_{340}\ \Phi_{240}\ \Phi_{170}\ \Phi_{85}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
152492	1900	663	$\frac{1}{39}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{663}^{3}\ \Phi_{221}^{3}\ \Phi_{51}^{3}\ \Phi_{39}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}$
152493	1900	1899	$\frac{59}{1899}$	$\frac{184}{1899}$	$\frac{343}{1899}$	$\frac{778}{1899}$	$\Phi_{1899}\ \Phi_{633}\ \Phi_{211}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
152494	1900	3232	$\frac{1}{101}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{3232}\ \Phi_{404}\ \Phi_{202}$
152495	1900	672	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{672}^{5}\ \Phi_{336}\ \Phi_{224}^{5}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}^{5}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
152496	1900	2020	$\frac{1}{20}$	$\frac{6}{101}$	$\frac{19}{101}$	$\frac{41}{101}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{505}\ \Phi_{404}\ \Phi_{202}$
152497	1900	1899	$\frac{94}{1899}$	$\frac{113}{1899}$	$\frac{361}{1899}$	$\frac{769}{1899}$	$\Phi_{1899}\ \Phi_{633}\ \Phi_{211}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
152498	1900	2101	$\frac{6}{191}$	$\frac{1}{11}$	$\frac{37}{191}$	$\frac{77}{191}$	Φ_{2101}
152499	1900	1899	$\frac{44}{1899}$	$\frac{227}{1899}$	$\frac{371}{1899}$	$\frac{764}{1899}$	$\Phi_{1899}\ \Phi_{633}\ \Phi_{211}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
152500	1900	762	$\frac{2}{127}$	$\frac{1}{6}$	$\frac{25}{127}$	$\frac{51}{127}$	$\Phi_{762}^{3}\ \Phi_{381}^{3}\ \Phi_{254}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
152501	1900	1899	$\frac{14}{1899}$	$\frac{377}{1899}$	$\frac{569}{1899}$	$\frac{761}{1899}$	$\Phi_{1899}\ \Phi_{633}\ \Phi_{211}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
152502	1900	951	$\frac{2}{317}$	$\frac{63}{317}$	$\frac{1}{3}$	$\frac{127}{317}$	$\Phi_{951}^{3}\ \Phi_{3}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
152503	1900	486	$\frac{11}{486}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{486}^4\ \Phi_{243}^4\ \Phi_{162}^4\ \Phi_{81}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
152504	1900	4584	$\frac{1}{191}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{4584}\ \Phi_{573}$
152505	1900	3032	$\frac{3}{379}$	$\frac{94}{379}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3032}\ \Phi_{379}\ \Phi_8^2\ \Phi_1^2$
152506	1900	2424	$\frac{1}{101}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2424}\ \Phi_{1212}\ \Phi_{606}\ \Phi_{404}\ \Phi_{303}\ \Phi_{202}$
152507	1900	480	$\frac{1}{96}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{480}^5\ \Phi_{240}^5\ \Phi_{160}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{60}^5\ \Phi_{40}^4\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_5^4$
152508	1900	3032	$\frac{4}{379}$	$\frac{75}{379}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3032}\ \Phi_{379}\ \Phi_8^2\ \Phi_1^2$
152509	1900	1848	$\frac{1}{77}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1848}^2\ \Phi_{616}\ \Phi_{462}\ \Phi_{264}^2\ \Phi_{231}\ \Phi_{168}^2\ \Phi_{154}\ \Phi_{88}\ \Phi_{66}\ \Phi_{56}\ \Phi_{42}\ \Phi_{33}\ \Phi_{22}\ \Phi_{21}\ \Phi_{14}$
152510	1900	3032	$\frac{9}{379}$	$\frac{37}{379}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3032}\ \Phi_{379}\ \Phi_8^2\ \Phi_1^2$
152511	1900	3432	$\frac{1}{39}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{429}\ \Phi_{264}\ \Phi_{143}\ \Phi_{33}$
152512	1900	3032	$\frac{18}{379}$	$\frac{19}{379}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3032}\ \Phi_{379}\ \Phi_8^2\ \Phi_1^2$
152513	1900	840	$\frac{1}{21}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^4\ \Phi_{420}\ \Phi_{280}^4\ \Phi_{210}\ \Phi_{168}^3\ \Phi_{140}\ \Phi_{120}^4\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}^3\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
152514	1900	3030	$\frac{1}{101}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{3030}\ \Phi_{1010}\ \Phi_{606}\ \Phi_{505}\ \Phi_{202}$
152515	1900	1008	$\frac{1}{24}$	$\frac{1}{21}$	$\frac{23}{72}$	$\frac{49}{144}$	$\Phi_{1008}^3\ \Phi_{336}^3\ \Phi_{168}^3\ \Phi_{144}^2\ \Phi_{112}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^2\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
152516	1900	1431	$\frac{8}{477}$	$\frac{1}{9}$	$\frac{469}{1431}$	$\frac{481}{1431}$	$\Phi_{1431}\ \Phi_{477}^2\ \Phi_{159}^2\ \Phi_{53}^2\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
152517	1900	3570	$\frac{1}{119}$	$\frac{1}{5}$	$\frac{118}{357}$	$\frac{239}{714}$	$\Phi_{3570}\ \Phi_{1190}\ \Phi_{595}\ \Phi_{510}\ \Phi_{210}\ \Phi_{170}\ \Phi_{85}\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{10}$
152518	1900	477	$\frac{2}{477}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{477}^4\ \Phi_{159}^4\ \Phi_{53}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
152519	1900	711	$\frac{1}{237}$	$\frac{236}{711}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{711}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
152520	1900	1896	$\frac{1}{158}$	$\frac{157}{632}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1896}\ \Phi_{948}\ \Phi_{632}^2\ \Phi_{316}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
152521	1900	237	$\frac{2}{237}$	$\frac{47}{237}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{237}^8\ \Phi_{79}^8\ \Phi_3^9\ \Phi_1^{10}$
152522	1900	96	$\frac{1}{96}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{96}^{20}\ \Phi_{48}^{20}\ \Phi_{32}^{20}\ \Phi_{24}^{20}\ \Phi_{16}^{20}\ \Phi_{12}^{20}\ \Phi_8^{20}\ \Phi_6^{16}\ \Phi_4^{20}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
152523	1900	1659	$\frac{1}{79}$	$\frac{78}{553}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1659}\ \Phi_{553}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
152524	1900	357	$\frac{1}{51}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{357}^6\ \Phi_{119}^6\ \Phi_{51}^2\ \Phi_{21}^4\ \Phi_{17}^2\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
152525	1900	351	$\frac{1}{39}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{351}^6\ \Phi_{117}^6\ \Phi_{39}^2\ \Phi_{27}^4\ \Phi_{13}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
152526	1900	237	$\frac{3}{79}$	$\frac{4}{79}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{237}^6\ \Phi_{79}^{12}\ \Phi_3^7\ \Phi_1^{14}$
152527	1900	780	$\frac{1}{26}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^4\ \Phi_{195}^2\ \Phi_{156}^2\ \Phi_{130}^4\ \Phi_{78}\ \Phi_{65}^4\ \Phi_{60}\ \Phi_{52}^4\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{13}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
152528	1900	1134	$\frac{2}{189}$	$\frac{1}{6}$	$\frac{187}{567}$	$\frac{1}{3}$	$\Phi_{1134}^3\ \Phi_{567}^2\ \Phi_{162}^3\ \Phi_{81}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
152529	1900	1551	$\frac{1}{47}$	$\frac{1}{11}$	$\frac{46}{141}$	$\frac{1}{3}$	$\Phi_{1551}\ \Phi_{517}^2\ \Phi_{33}^2\ \Phi_{11}^2$
152530	1900	675	$\frac{2}{75}$	$\frac{2}{27}$	$\frac{73}{225}$	$\frac{1}{3}$	$\Phi_{675}^3\ \Phi_{225}^2\ \Phi_{135}^3\ \Phi_{75}^3\ \Phi_{45}^2\ \Phi_{27}^4\ \Phi_{25}^3\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
152531	1900	468	$\frac{1}{39}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{468}^6\ \Phi_{234}^6\ \Phi_{117}^6\ \Phi_{39}^2\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{13}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
152532	1900	459	$\frac{1}{51}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{459}^6\ \Phi_{51}^2\ \Phi_{27}^4\ \Phi_{17}^2\ \Phi_3\ \Phi_1^2$
152533	1900	864	$\frac{1}{96}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{864}^3\ \Phi_{432}^3\ \Phi_{216}^3\ \Phi_{108}^3\ \Phi_{96}^2\ \Phi_{54}^3\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
152534	1900	1092	$\frac{1}{39}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{84}\ \Phi_{42}\ \Phi_{39}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
152535	1900	126	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{31}{126}$	$\frac{1}{3}$	$\Phi_{126}^{14}\ \Phi_{63}^{16}\ \Phi_{42}^{14}\ \Phi_{21}^{16}\ \Phi_{18}^{14}\ \Phi_{14}^{14}\ \Phi_9^{16}\ \Phi_7^{16}\ \Phi_6^{16}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
152536	1900	231	$\frac{1}{33}$	$\frac{2}{21}$	$\frac{8}{33}$	$\frac{1}{3}$	$\Phi_{231}^9\ \Phi_{77}^9\ \Phi_{33}^3\ \Phi_{21}^{10}\ \Phi_{11}^3\ \Phi_7^{10}\ \Phi_3^3\ \Phi_1^4$
152537	1900	675	$\frac{1}{25}$	$\frac{2}{27}$	$\frac{6}{25}$	$\frac{1}{3}$	$\Phi_{675}^3\ \Phi_{225}^3\ \Phi_{135}^3\ \Phi_{45}^3\ \Phi_{27}^4\ \Phi_{25}^3\ \Phi_9^4\ \Phi_5^3\ \Phi_1^4$
152538	1900	774	$\frac{7}{387}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{774}^3\ \Phi_{387}^2\ \Phi_{258}^3\ \Phi_{129}^2\ \Phi_{86}^3\ \Phi_{43}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
152539	1900	765	$\frac{1}{51}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{765}^3\ \Phi_{255}^3\ \Phi_{85}^3\ \Phi_{51}^2\ \Phi_{45}^2\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
152540	1900	1248	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{1248}^2\ \Phi_{624}^2\ \Phi_{416}^2\ \Phi_{208}^2\ \Phi_{96}\ \Phi_{48}\ \Phi_{39}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
152541	1900	408	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{408}^6\ \Phi_{204}^6\ \Phi_{136}^6\ \Phi_{68}^6\ \Phi_{51}^2\ \Phi_{24}^4\ \Phi_{17}^2\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
152542	1900	2730	$\frac{1}{26}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{910}\ \Phi_{455}\ \Phi_{210}\ \Phi_{130}\ \Phi_{70}\ \Phi_{65}\ \Phi_{10}$
152543	1900	540	$\frac{1}{20}$	$\frac{2}{27}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^3\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^3\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
152544	1900	378	$\frac{4}{189}$	$\frac{1}{6}$	$\frac{37}{189}$	$\frac{1}{3}$	$\Phi_{378}^6\ \Phi_{189}^4\ \Phi_{126}^6\ \Phi_{63}^4\ \Phi_{54}^6\ \Phi_{42}^6\ \Phi_{27}^4\ \Phi_{21}^4\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_9^4\ \Phi_7^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
152545	1900	951	$\frac{7}{317}$	$\frac{51}{317}$	$\frac{62}{317}$	$\frac{1}{3}$	$\Phi_{951}^3\ \Phi_3^2$
152546	1900	693	$\frac{4}{99}$	$\frac{2}{21}$	$\frac{19}{99}$	$\frac{1}{3}$	$\Phi_{693}^3\ \Phi_{231}^3\ \Phi_{99}\ \Phi_{77}^3\ \Phi_{63}^3\ \Phi_{33}\ \Phi_{21}^4\ \Phi_{11}\ \Phi_9\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
152547	1900	1551	$\frac{2}{47}$	$\frac{1}{11}$	$\frac{9}{47}$	$\frac{1}{3}$	$\Phi_{1551}^2\ \Phi_{33}^3$
152548	1900	951	$\frac{46}{951}$	$\frac{77}{951}$	$\frac{181}{951}$	$\frac{1}{3}$	$\Phi_{951}^2\ \Phi_{317}^2\ \Phi_3\ \Phi_1^2$
152549	1900	2940	$\frac{1}{20}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{735}\ \Phi_{588}\ \Phi_{420}\ \Phi_{294}\ \Phi_{210}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2$
152550	1900	951	$\frac{41}{951}$	$\frac{91}{951}$	$\frac{172}{951}$	$\frac{1}{3}$	$\Phi_{951}^2\ \Phi_{317}^2\ \Phi_3\ \Phi_1^2$
152551	1900	78	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{78}^{24}\ \Phi_{39}^{26}\ \Phi_{26}^{24}\ \Phi_{13}^{26}\ \Phi_6^{16}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
152552	1900	294	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{294}^6\ \Phi_{147}^6\ \Phi_{98}^8\ \Phi_{49}^8\ \Phi_{42}^4\ \Phi_{21}^5\ \Phi_{14}^6\ \Phi_7^6\ \Phi_6^6\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
152553	1900	882	$\frac{2}{63}$	$\frac{61}{441}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{882}^3\ \Phi_{441}^2\ \Phi_{294}^3\ \Phi_{147}^2\ \Phi_{98}^3\ \Phi_{49}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
152554	1900	108	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{108}^{20}\ \Phi_{54}^{14}\ \Phi_{36}^{20}\ \Phi_{27}^{16}\ \Phi_{18}^{14}\ \Phi_{12}^{20}\ \Phi_9^{16}\ \Phi_6^{16}\ \Phi_4^{20}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
152555	1900	198	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{198}^{12}\ \Phi_{99}^8\ \Phi_{66}^{12}\ \Phi_{33}^8\ \Phi_{22}^{12}\ \Phi_{18}^6\ \Phi_{11}^8\ \Phi_9^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
152556	1900	42	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{42}^{54}\ \Phi_{21}^{36}\ \Phi_{14}^{54}\ \Phi_7^{36}\ \Phi_6^{56}\ \Phi_3^{37}\ \Phi_2^{56}\ \Phi_1^{38}$
152557	1900	660	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^4\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{110}^4\ \Phi_{66}\ \Phi_{55}^4\ \Phi_{44}^4\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2$
152558	1900	162	$\frac{5}{81}$	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{162}^{15}\ \Phi_{81}^{10}\ \Phi_{54}^{12}\ \Phi_{27}^8\ \Phi_{18}^{12}\ \Phi_9^8\ \Phi_6^{14}\ \Phi_3^9\ \Phi_2^{14}\ \Phi_1^{10}$
152559	1900	135	$\frac{1}{15}$	$\frac{2}{27}$	$\frac{7}{45}$	$\frac{1}{3}$	$\Phi_{135}^{15}\ \Phi_{45}^{11}\ \Phi_{27}^{16}\ \Phi_{15}^{13}\ \Phi_9^{12}\ \Phi_5^{13}\ \Phi_3^{13}\ \Phi_1^{14}$
152560	1900	420	$\frac{1}{20}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{420}^7\ \Phi_{210}^7\ \Phi_{105}^7\ \Phi_{84}^5\ \Phi_{60}^8\ \Phi_{42}^5\ \Phi_{30}^8\ \Phi_{21}^6\ \Phi_{15}^8\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^6$
152561	1900	231	$\frac{2}{33}$	$\frac{2}{21}$	$\frac{31}{231}$	$\frac{1}{3}$	$\Phi_{231}^8\ \Phi_{77}^8\ \Phi_{33}^9\ \Phi_{21}^9\ \Phi_{11}^9\ \Phi_7^9\ \Phi_3^9\ \Phi_1^{10}$
152562	1900	189	$\frac{2}{27}$	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{189}^{12}\ \Phi_{63}^9\ \Phi_{27}^4\ \Phi_{21}^{10}\ \Phi_9^3\ \Phi_7^{10}\ \Phi_3^3\ \Phi_1^4$
152563	1900	231	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{1}{3}$	$\Phi_{231}^9\ \Phi_{77}^9\ \Phi_{21}^{10}\ \Phi_{11}^9\ \Phi_7^{10}\ \Phi_1^{10}$
152564	1900	3540	$\frac{3}{236}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{233}{708}$	$\Phi_{3540}\ \Phi_{1770}\ \Phi_{885}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
152565	1900	3060	$\frac{1}{68}$	$\frac{1}{5}$	$\frac{137}{612}$	$\frac{67}{204}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{765}\ \Phi_{340}\ \Phi_{180}\ \Phi_{170}\ \Phi_{90}\ \Phi_{85}\ \Phi_{45}\ \Phi_{20}\ \Phi_{10}$
152566	1900	297	$\frac{2}{99}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{97}{297}$	$\Phi_{297}^5\ \Phi_{99}^9\ \Phi_{33}^9\ \Phi_{27}^6\ \Phi_{11}^9\ \Phi_9^9\ \Phi_3^9\ \Phi_1^{10}$
152567	1900	2679	$\frac{1}{47}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{46}{141}$	$\Phi_{2679}\ \Phi_{141}^2\ \Phi_{57}\ \Phi_{19}\ \Phi_3^2\ \Phi_1^2$
152568	1900	1410	$\frac{1}{47}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{46}{141}$	$\Phi_{1410}^2\ \Phi_{705}\ \Phi_{470}^2\ \Phi_{235}^2\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
152569	1900	702	$\frac{7}{234}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{227}{702}$	$\Phi_{702}^4\ \Phi_{351}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
152570	1900	510	$\frac{1}{17}$	$\frac{7}{102}$	$\frac{1}{5}$	$\frac{16}{51}$	$\Phi_{510}^5\ \Phi_{255}^4\ \Phi_{170}^5\ \Phi_{85}^5\ \Phi_{30}^5\ \Phi_{15}^4\ \Phi_{10}^5\ \Phi_5^4$
152571	1900	2520	$\frac{29}{504}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{180}\ \Phi_{140}\ \Phi_{120}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
152572	1900	900	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{6}{25}$	$\frac{11}{36}$	$\Phi_{900}^3\ \Phi_{450}^3\ \Phi_{225}^3\ \Phi_{180}^3\ \Phi_{90}^3\ \Phi_{45}^3\ \Phi_{36}^4\ \Phi_{25}^3\ \Phi_{18}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_1^4$
152573	1900	180	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{180}^{15}\ \Phi_{90}^{15}\ \Phi_{45}^{15}\ \Phi_{36}^{16}\ \Phi_{20}^4\ \Phi_{18}^{16}\ \Phi_{10}^4\ \Phi_9^{16}\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
152574	1900	180	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{7}{45}$	$\frac{11}{36}$	$\Phi_{180}^9\ \Phi_{90}^9\ \Phi_{60}^{12}\ \Phi_{45}^{11}\ \Phi_{36}^{10}\ \Phi_{30}^{12}\ \Phi_{20}^{12}\ \Phi_{18}^{10}\ \Phi_{15}^{13}\ \Phi_{12}^{12}\ \Phi_{10}^{12}\ \Phi_9^{12}\ \Phi_6^{12}\ \Phi_5^{13}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
152575	1900	2574	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{286}\ \Phi_{234}\ \Phi_{198}\ \Phi_{143}\ \Phi_{117}\ \Phi_{22}\ \Phi_{18}$
152576	1900	297	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{8}{33}$	$\frac{8}{27}$	$\Phi_{297}^9\ \Phi_{33}^3\ \Phi_{27}^{10}\ \Phi_{11}^3\ \Phi_3^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
152577	1900	3510	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{3510}\ \Phi_{1755}\ \Phi_{270}\ \Phi_{130}\ \Phi_{65}\ \Phi_{10}$
152578	1900	297	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{19}{99}$	$\frac{8}{27}$	$\Phi_{297}^{9}\ \Phi_{99}\ \Phi_{33}\ \Phi_{27}^{10}\ \Phi_{11}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
152579	1900	378	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{378}^{9}\ \Phi_{189}^{6}\ \Phi_{54}^{6}\ \Phi_{42}^{3}\ \Phi_{27}^{4}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
152580	1900	27	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{27}^{68}\ \Phi_{9}^{75}\ \Phi_{3}^{75}\ \Phi_{1}^{76}$
152581	1900	297	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{297}^{9}\ \Phi_{27}^{10}\ \Phi_{11}^{9}\ \Phi_{1}^{10}$
152582	1900	3360	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{1}{5}$	$\frac{197}{672}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{480}\ \Phi_{420}\ \Phi_{240}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}$ $\Phi_{70}\ \Phi_{60}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
152583	1900	490	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{490}^{5}\ \Phi_{245}^{5}\ \Phi_{70}^{5}\ \Phi_{35}^{3}\ \Phi_{10}^{5}\ \Phi_{5}^{2}$
152584	1900	756	$\frac{1}{21}$	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{756}^{3}\ \Phi_{378}^{3}\ \Phi_{252}^{3}\ \Phi_{189}^{3}\ \Phi_{108}^{2}\ \Phi_{84}^{3}\ \Phi_{54}^{2}\ \Phi_{42}^{3}\ \Phi_{36}^{2}\ \Phi_{28}^{3}\ \Phi_{27}^{2}\ \Phi_{21}^{2}$ $\Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
152585	1900	2730	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{273}\ \Phi_{210}\ \Phi_{195}\ \Phi_{182}\ \Phi_{91}\ \Phi_{78}$ $\Phi_{42}\ \Phi_{39}\ \Phi_{30}\ \Phi_{14}\ \Phi_{6}$
152586	1900	484	$\frac{9}{484}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{484}^{4}\ \Phi_{242}^{4}\ \Phi_{121}^{4}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{11}^{4}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
152587	1900	762	$\frac{3}{127}$	$\frac{1}{6}$	$\frac{31}{127}$	$\frac{32}{127}$	$\Phi_{762}^{3}\ \Phi_{381}^{3}\ \Phi_{254}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
152588	1900	633	$\frac{3}{211}$	$\frac{52}{211}$	$\frac{158}{633}$	$\frac{53}{211}$	$\Phi_{633}^{4}\ \Phi_{211}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
152589	1900	700	$\frac{1}{25}$	$\frac{3}{28}$	$\frac{6}{25}$	$\frac{1}{4}$	$\Phi_{700}^{3}\ \Phi_{350}^{3}\ \Phi_{175}^{3}\ \Phi_{140}^{3}\ \Phi_{70}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{4}\ \Phi_{25}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
152590	1900	140	$\frac{1}{20}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^{15}\ \Phi_{70}^{15}\ \Phi_{35}^{15}\ \Phi_{28}^{16}\ \Phi_{20}^{4}\ \Phi_{14}^{16}\ \Phi_{10}^{4}\ \Phi_{7}^{16}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
152591	1900	1260	$\frac{1}{15}$	$\frac{3}{28}$	$\frac{7}{45}$	$\frac{1}{4}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{420}\ \Phi_{315}^{2}\ \Phi_{252}^{2}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}^{2}\ \Phi_{105}\ \Phi_{84}$ $\Phi_{70}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
152592	1900	264	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{8}{33}$	$\Phi_{264}^{9}\ \Phi_{132}^{9}\ \Phi_{88}^{9}\ \Phi_{44}^{9}\ \Phi_{33}^{3}\ \Phi_{24}^{10}\ \Phi_{12}^{10}\ \Phi_{11}^{3}\ \Phi_{8}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
152593	1900	560	$\frac{1}{28}$	$\frac{17}{112}$	$\frac{1}{5}$	$\frac{27}{112}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{140}^{5}\ \Phi_{80}^{4}\ \Phi_{70}^{5}\ \Phi_{40}^{4}\ \Phi_{35}^{5}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{5}^{4}$
152594	1900	800	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{6}{25}$	$\Phi_{800}^{3}\ \Phi_{400}^{3}\ \Phi_{160}^{3}\ \Phi_{80}^{3}\ \Phi_{32}^{4}\ \Phi_{25}^{3}\ \Phi_{16}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
152595	1900	150	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{6}{25}$	$\Phi_{150}^{12}\ \Phi_{75}^{12}\ \Phi_{50}^{12}\ \Phi_{30}^{12}\ \Phi_{25}^{15}\ \Phi_{15}^{12}\ \Phi_{10}^{12}\ \Phi_{6}^{16}\ \Phi_{5}^{15}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{20}$
152596	1900	1899	$\frac{83}{1899}$	$\frac{289}{1899}$	$\frac{322}{1899}$	$\frac{454}{1899}$	$\Phi_{1899}\ \Phi_{633}\ \Phi_{211}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
152597	1900	762	$\frac{17}{381}$	$\frac{58}{381}$	$\frac{1}{6}$	$\frac{91}{381}$	$\Phi_{762}^{3}\ \Phi_{381}^{2}\ \Phi_{254}^{3}\ \Phi_{127}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
152598	1900	3080	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{5}$	$\frac{141}{616}$	$\Phi_{3080}\ \Phi_{1540}\ \Phi_{440}\ \Phi_{280}\ \Phi_{220}\ \Phi_{140}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
152599	1900	3060	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{1}{5}$	$\frac{137}{612}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{180}\ \Phi_{170}\ \Phi_{90}\ \Phi_{85}\ \Phi_{60}$ $\Phi_{30}\ \Phi_{20}\ \Phi_{10}$
152600	1900	504	$\frac{29}{504}$	$\frac{1}{9}$	$\frac{7}{36}$	$\frac{2}{9}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{168}^{4}\ \Phi_{126}^{4}\ \Phi_{84}^{4}\ \Phi_{72}^{4}\ \Phi_{63}^{4}\ \Phi_{56}^{4}\ \Phi_{42}^{4}\ \Phi_{28}^{4}\ \Phi_{24}^{4}\ \Phi_{21}^{4}$ $\Phi_{14}^{4}\ \Phi_{9}^{3}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
152601	1900	117	$\frac{7}{117}$	$\frac{1}{9}$	$\frac{22}{117}$	$\frac{2}{9}$	$\Phi_{117}^{16}\ \Phi_{39}^{16}\ \Phi_{13}^{16}\ \Phi_{9}^{19}\ \Phi_{3}^{19}\ \Phi_{1}^{20}$
152602	1900	160	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{160}^{15}\ \Phi_{80}^{15}\ \Phi_{32}^{16}\ \Phi_{20}^{4}\ \Phi_{16}^{16}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
152603	1900	1440	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{45}$	$\frac{7}{32}$	$\Phi_{1440}^{2}\ \Phi_{720}^{2}\ \Phi_{480}\ \Phi_{288}^{2}\ \Phi_{240}\ \Phi_{160}\ \Phi_{144}^{2}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}^{2}$ $\Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
152604	1900	893	$\frac{2}{47}$	$\frac{3}{19}$	$\frac{9}{47}$	$\frac{4}{19}$	$\Phi_{893}^{2}\ \Phi_{47}^{4}\ \Phi_{19}^{3}\ \Phi_{1}^{6}$
152605	1900	1140	$\frac{1}{20}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\Phi_{1140}^{2}\ \Phi_{570}^{2}\ \Phi_{380}\ \Phi_{285}^{2}\ \Phi_{228}^{2}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}^{4}\ \Phi_{57}$ $\Phi_{30}^{4}\ \Phi_{20}^{2}\ \Phi_{19}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
152606	1900	1899	$\frac{79}{1899}$	$\frac{307}{1899}$	$\frac{364}{1899}$	$\frac{398}{1899}$	$\Phi_{1899}\ \Phi_{633}\ \Phi_{211}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
152607	1900	1560	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{1560}^{2}\ \Phi_{780}^{2}\ \Phi_{520}^{2}\ \Phi_{260}^{2}\ \Phi_{130}\ \Phi_{120}\ \Phi_{65}\ \Phi_{60}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
152608	1900	792	$\frac{4}{99}$	$\frac{1}{6}$	$\frac{19}{99}$	$\frac{5}{24}$	$\Phi_{792}^{3}\ \Phi_{396}^{3}\ \Phi_{264}^{3}\ \Phi_{132}^{3}\ \Phi_{99}\ \Phi_{88}^{3}\ \Phi_{72}^{3}\ \Phi_{44}^{3}\ \Phi_{36}^{3}\ \Phi_{33}\ \Phi_{24}^{4}\ \Phi_{12}^{4}$ $\Phi_{11}\ \Phi_{9}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
152609	1900	168	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{168}^{15}\ \Phi_{84}^{15}\ \Phi_{56}^{15}\ \Phi_{42}^{3}\ \Phi_{28}^{15}\ \Phi_{24}^{10}\ \Phi_{21}^{2}\ \Phi_{14}^{3}\ \Phi_{12}^{10}\ \Phi_{8}^{10}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{10}$ $\Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
152610	1900	216	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{216}^{12}\ \Phi_{108}^{12}\ \Phi_{72}^{9}\ \Phi_{36}^{9}\ \Phi_{27}^{4}\ \Phi_{24}^{10}\ \Phi_{12}^{10}\ \Phi_{9}^{3}\ \Phi_{8}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
152611	1900	264	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{264}^{9}\ \Phi_{132}^{9}\ \Phi_{88}^{9}\ \Phi_{44}^{9}\ \Phi_{24}^{10}\ \Phi_{12}^{10}\ \Phi_{11}^{9}\ \Phi_{8}^{10}\ \Phi_{4}^{10}\ \Phi_{1}^{10}$
152612	1900	2020	$\frac{1}{20}$	$\frac{16}{101}$	$\frac{17}{101}$	$\frac{21}{101}$	$\Phi_{2020}\ \Phi_{1010}\ \Phi_{505}\ \Phi_{404}\ \Phi_{202}$
152613	1900	633	$\frac{28}{633}$	$\frac{101}{633}$	$\frac{121}{633}$	$\frac{128}{633}$	$\Phi_{633}^{3}\ \Phi_{211}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
152614	1900	762	$\frac{16}{381}$	$\frac{1}{6}$	$\frac{73}{381}$	$\frac{77}{381}$	$\Phi_{762}^{3}\ \Phi_{381}^{2}\ \Phi_{254}^{3}\ \Phi_{127}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
152615	1900	1410	$\frac{2}{47}$	$\frac{1}{6}$	$\frac{9}{47}$	$\frac{1}{5}$	$\Phi_{1410}^{2}\ \Phi_{705}^{2}\ \Phi_{470}^{2}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{3}$
152616	1900	340	$\frac{3}{68}$	$\frac{11}{68}$	$\frac{13}{68}$	$\frac{1}{5}$	$\Phi_{340}^{7}\ \Phi_{170}^{7}\ \Phi_{85}^{7}\ \Phi_{20}^{7}\ \Phi_{10}^{7}\ \Phi_{5}^{6}$
152617	1900	510	$\frac{7}{102}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{5}$	$\Phi_{510}^{5}\ \Phi_{255}^{5}\ \Phi_{170}^{5}\ \Phi_{85}^{3}\ \Phi_{30}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{5}^{2}$
152618	1900	60	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{60}^{32}\ \Phi_{30}^{28}\ \Phi_{20}^{36}\ \Phi_{15}^{28}\ \Phi_{12}^{32}\ \Phi_{10}^{32}\ \Phi_{6}^{32}\ \Phi_{5}^{31}\ \Phi_{4}^{36}\ \Phi_{3}^{32}\ \Phi_{2}^{36}\ \Phi_{1}^{36}$
152619	1900	420	$\frac{2}{21}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{420}^{7}\ \Phi_{210}^{7}\ \Phi_{140}^{5}\ \Phi_{105}^{4}\ \Phi_{70}^{5}\ \Phi_{60}^{7}\ \Phi_{35}^{3}\ \Phi_{30}^{7}\ \Phi_{20}^{5}\ \Phi_{15}^{4}\ \Phi_{10}^{5}\ \Phi_{5}^{2}$
152620	1900	90	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{90}^{24}\ \Phi_{45}^{26}\ \Phi_{30}^{12}\ \Phi_{18}^{24}\ \Phi_{15}^{13}\ \Phi_{10}^{12}\ \Phi_{9}^{26}\ \Phi_{6}^{16}\ \Phi_{5}^{13}\ \Phi_{3}^{17}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
152621	1901	3040	$\frac{1}{380}$	$\frac{381}{1520}$	$\frac{1139}{3040}$	$\frac{379}{760}$	$\Phi_{3040}\ \Phi_{760}\ \Phi_{608}\ \Phi_{160}\ \Phi_{152}\ \Phi_{40}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
152622	1901	3792	$\frac{5}{1896}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1891}{3792}$	$\Phi_{3792}\ \Phi_{1264}\ \Phi_{48}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
152623	1901	3780	$\frac{11}{1890}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1879}{3780}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{108}\ \Phi_{84}\ \Phi_{60}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
152624	1901	2540	$\frac{4}{635}$	$\frac{1}{5}$	$\frac{639}{2540}$	$\frac{631}{1270}$	$\Phi_{2540}\ \Phi_{635}\ \Phi_{508}\ \Phi_{127}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
152625	1901	3776	$\frac{13}{1888}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1875}{3776}$	$\Phi_{3776}\ \Phi_{64}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
152626	1901	3600	$\frac{1}{100}$	$\frac{101}{1800}$	$\frac{1699}{3600}$	$\frac{99}{200}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
152627	1901	2400	$\frac{1}{100}$	$\frac{101}{600}$	$\frac{499}{2400}$	$\frac{99}{200}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{160}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
152628	1901	2176	$\frac{3}{272}$	$\frac{275}{2176}$	$\frac{1}{4}$	$\frac{269}{544}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{272}\ \Phi_{136}\ \Phi_{128}\ \Phi_{68}\ \Phi_{64}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
152629	1901	3760	$\frac{21}{1880}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{1859}{3760}$	$\Phi_{3760}\ \Phi_{752}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
152630	1901	3648	$\frac{1}{76}$	$\frac{77}{1824}$	$\frac{1747}{3648}$	$\frac{75}{152}$	$\Phi_{3648}\ \Phi_{1216}\ \Phi_{192}\ \Phi_{152}\ \Phi_{64}\ \Phi_{8}\ \Phi_{1}$
152631	1901	2736	$\frac{1}{76}$	$\frac{77}{912}$	$\frac{835}{2736}$	$\frac{75}{152}$	$\Phi_{2736}\ \Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{152}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
152632	1901	2128	$\frac{1}{76}$	$\frac{227}{2128}$	$\frac{77}{304}$	$\frac{75}{152}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{152}\ \Phi_{133}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
152633	1901	2432	$\frac{1}{76}$	$\frac{77}{608}$	$\frac{531}{2432}$	$\frac{75}{152}$	$\Phi_{2432}\ \Phi_{1216}\ \Phi_{152}\ \Phi_{128}\ \Phi_{64}\ \Phi_{8}\ \Phi_{1}$
152634	1901	2280	$\frac{1}{76}$	$\frac{379}{2280}$	$\frac{77}{456}$	$\frac{75}{152}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
152635	1901	3752	$\frac{25}{1876}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1851}{3752}$	$\Phi_{3752}\ \Phi_{536}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
152636	1901	3720	$\frac{41}{1860}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{1819}{3720}$	$\Phi_{3720}\ \Phi_{1240}\ \Phi_{744}\ \Phi_{248}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
152637	1901	2016	$\frac{3}{112}$	$\frac{115}{2016}$	$\frac{1}{4}$	$\frac{109}{224}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
152638	1901	3696	$\frac{53}{1848}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{1795}{3696}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
152639	1901	2560	$\frac{19}{640}$	$\frac{1}{20}$	$\frac{659}{2560}$	$\frac{621}{1280}$	$\Phi_{2560}\ \Phi_{640}\ \Phi_{512}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
152640	1901	3680	$\frac{61}{1840}$	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{1779}{3680}$	$\Phi_{3680}\ \Phi_{736}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
152641	1901	3672	$\frac{65}{1836}$	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{1771}{3672}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{216}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
152642	1901	3648	$\frac{1}{38}$	$\frac{77}{1824}$	$\frac{37}{114}$	$\frac{1747}{3648}$	$\Phi_{3648}\ \Phi_{1216}\ \Phi_{192}\ \Phi_{114}\ \Phi_{64}\ \Phi_{57}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
152643	1901	3600	$\frac{1}{50}$	$\frac{101}{1800}$	$\frac{49}{150}$	$\frac{1699}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{150}\ \Phi_{144}\ \Phi_{80}\ \Phi_{75}\ \Phi_{48}\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
152644	1901	3600	$\frac{1}{20}$	$\frac{101}{1800}$	$\frac{19}{120}$	$\frac{1699}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
152645	1901	2584	$\frac{1}{38}$	$\frac{37}{646}$	$\frac{683}{2584}$	$\frac{609}{1292}$	$\Phi_{2584}\ \Phi_{646}\ \Phi_{323}\ \Phi_{152}\ \Phi_{136}\ \Phi_{34}\ \Phi_{17}\ \Phi_8\ \Phi_1$
152646	1901	3584	$\frac{3}{112}$	$\frac{109}{1792}$	$\frac{1}{4}$	$\frac{1683}{3584}$	$\Phi_{3584}\ \Phi_{512}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
152647	1901	3536	$\frac{3}{136}$	$\frac{133}{1768}$	$\frac{1}{4}$	$\frac{1635}{3536}$	$\Phi_{3536}\ \Phi_{272}\ \Phi_{208}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_1$
152648	1901	2600	$\frac{1}{50}$	$\frac{49}{650}$	$\frac{699}{2600}$	$\frac{601}{1300}$	$\Phi_{2600}\ \Phi_{650}\ \Phi_{520}\ \Phi_{325}\ \Phi_{200}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{40}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
152649	1901	3520	$\frac{1}{20}$	$\frac{141}{1760}$	$\frac{19}{160}$	$\frac{1619}{3520}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
152650	1901	3500	$\frac{1}{25}$	$\frac{151}{1750}$	$\frac{24}{175}$	$\frac{1599}{3500}$	$\Phi_{3500}\ \Phi_{700}\ \Phi_{500}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_4\ \Phi_1$
152651	1901	2200	$\frac{1}{25}$	$\frac{24}{275}$	$\frac{299}{2200}$	$\frac{251}{550}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{440}\ \Phi_{275}\ \Phi_{220}\ \Phi_{200}\ \Phi_{100}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{20}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
152652	1901	3420	$\frac{1}{95}$	$\frac{191}{1710}$	$\frac{94}{285}$	$\frac{1519}{3420}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{180}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
152653	1901	3360	$\frac{1}{20}$	$\frac{19}{240}$	$\frac{221}{1680}$	$\frac{1459}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{240}\ \Phi_{224}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
152654	1901	2100	$\frac{1}{25}$	$\frac{199}{2100}$	$\frac{24}{175}$	$\frac{151}{350}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
152655	1901	2660	$\frac{1}{95}$	$\frac{94}{665}$	$\frac{759}{2660}$	$\frac{571}{1330}$	$\Phi_{2660}\ \Phi_{665}\ \Phi_{532}\ \Phi_{380}\ \Phi_{140}\ \Phi_{133}\ \Phi_{76}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_4\ \Phi_1$
152656	1901	3300	$\frac{1}{25}$	$\frac{24}{275}$	$\frac{251}{1650}$	$\frac{1399}{3300}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{300}\ \Phi_{275}\ \Phi_{220}\ \Phi_{132}\ \Phi_{100}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{20}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
152657	1901	3264	$\frac{3}{272}$	$\frac{269}{1632}$	$\frac{1}{4}$	$\frac{1363}{3264}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{272}\ \Phi_{192}\ \Phi_{136}\ \Phi_{68}\ \Phi_{64}\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_1$
152658	1901	1920	$\frac{19}{1920}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
152659	1901	3200	$\frac{1}{100}$	$\frac{301}{1600}$	$\frac{99}{400}$	$\frac{1299}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{400}\ \Phi_{200}\ \Phi_{128}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_8\ \Phi_1$
152660	1901	3200	$\frac{1}{20}$	$\frac{19}{320}$	$\frac{301}{1600}$	$\frac{1299}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
152661	1901	2400	$\frac{1}{100}$	$\frac{499}{2400}$	$\frac{99}{400}$	$\frac{301}{800}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
152662	1901	2528	$\frac{5}{632}$	$\frac{627}{2528}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2528}\ \Phi_{1264}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
152663	1901	1920	$\frac{19}{1920}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
152664	1901	1920	$\frac{19}{1920}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
152665	1901	3000	$\frac{1}{100}$	$\frac{99}{500}$	$\frac{401}{1500}$	$\frac{1099}{3000}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{500}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_8\ \Phi_1$
152666	1901	2880	$\frac{19}{480}$	$\frac{1}{20}$	$\frac{461}{1440}$	$\frac{979}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
152667	1901	2052	$\frac{1}{38}$	$\frac{151}{2052}$	$\frac{37}{114}$	$\frac{77}{228}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{513}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{108}\ \Phi_{57}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
152668	1901	2100	$\frac{1}{50}$	$\frac{199}{2100}$	$\frac{49}{150}$	$\frac{101}{300}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{75}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
152669	1901	2280	$\frac{1}{95}$	$\frac{379}{2280}$	$\frac{94}{285}$	$\frac{191}{570}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{456}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{152}\ \Phi_{120}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
152670	1901	2856	$\frac{3}{476}$	$\frac{1}{4}$	$\frac{473}{1428}$	$\frac{955}{2856}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{476}\ \Phi_{408}\ \Phi_{238}\ \Phi_{168}\ \Phi_{136}\ \Phi_{119}\ \Phi_{68}\ \Phi_{56}\ \Phi_{34}\ \Phi_{28}\ \Phi_{24}\ \Phi_{17}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
152671	1901	2565	$\frac{1}{95}$	$\frac{191}{855}$	$\frac{664}{2565}$	$\frac{94}{285}$	$\Phi_{2565}\ \Phi_{513}\ \Phi_{285}\ \Phi_{135}\ \Phi_{57}\ \Phi_{27}\ \Phi_{15}\ \Phi_3\ \Phi_1$
152672	1901	2448	$\frac{3}{272}$	$\frac{547}{2448}$	$\frac{1}{4}$	$\frac{269}{816}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{306}\ \Phi_{272}\ \Phi_{153}\ \Phi_{144}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
152673	1901	2835	$\frac{11}{945}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{934}{2835}$	$\Phi_{2835}\ \Phi_{567}\ \Phi_{405}\ \Phi_{81}\ \Phi_{15}\ \Phi_3\ \Phi_1$
152674	1901	2832	$\frac{13}{944}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{931}{2832}$	$\Phi_{2832}\ \Phi_{1416}\ \Phi_{708}\ \Phi_{354}\ \Phi_{177}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
152675	1901	2700	$\frac{1}{50}$	$\frac{101}{900}$	$\frac{799}{2700}$	$\frac{49}{150}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{150}\ \Phi_{135}\ \Phi_{108}\ \Phi_{75}\ \Phi_{54}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_6\ \Phi_3\ \Phi_1$
152676	1901	2250	$\frac{1}{50}$	$\frac{349}{2250}$	$\frac{101}{450}$	$\frac{49}{150}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{750}\ \Phi_{375}\ \Phi_{250}\ \Phi_{150}\ \Phi_{125}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_6\ \Phi_3\ \Phi_1$
152677	1901	2400	$\frac{1}{50}$	$\frac{101}{600}$	$\frac{499}{2400}$	$\frac{49}{150}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{160}\ \Phi_{150}\ \Phi_{96}\ \Phi_{80}\ \Phi_{75}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_6\ \Phi_3\ \Phi_1$
152678	1901	2736	$\frac{1}{38}$	$\frac{77}{912}$	$\frac{835}{2736}$	$\frac{37}{114}$	$\Phi_{2736}\ \Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{144}\ \Phi_{114}\ \Phi_{72}\ \Phi_{57}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
152679	1901	2280	$\frac{1}{38}$	$\frac{379}{2280}$	$\frac{77}{456}$	$\frac{37}{114}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{120}\ \Phi_{114}\ \Phi_{95}\ \Phi_{60}\ \Phi_{57}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
152680	1901	2040	$\frac{3}{68}$	$\frac{139}{2040}$	$\frac{1}{4}$	$\frac{65}{204}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{40}\ \Phi_{34}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
152681	1901	2016	$\frac{3}{56}$	$\frac{115}{2016}$	$\frac{1}{4}$	$\frac{53}{168}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
152682	1901	2475	$\frac{1}{25}$	$\frac{24}{275}$	$\frac{574}{2475}$	$\frac{251}{825}$	$\Phi_{2475}\ \Phi_{495}\ \Phi_{275}\ \Phi_{225}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{11}\ \Phi_9\ \Phi_1$
152683	1901	2688	$\frac{3}{112}$	$\frac{109}{896}$	$\frac{1}{4}$	$\frac{787}{2688}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
152684	1901	2160	$\frac{1}{20}$	$\frac{259}{2160}$	$\frac{19}{120}$	$\frac{101}{360}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{60}\ \Phi_{54}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
152685	1901	2625	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{151}{875}$	$\frac{724}{2625}$	$\Phi_{2625}\ \Phi_{525}\ \Phi_{375}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_3\ \Phi_1$
152686	1901	2520	$\frac{11}{630}$	$\frac{1}{5}$	$\frac{619}{2520}$	$\frac{4}{15}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
152687	1901	1935	$\frac{34}{1935}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{387}\ \Phi_{215}\ \Phi_{129}\ \Phi_{43}\ \Phi_{15}\ \Phi_3\ \Phi_1$
152688	1901	2205	$\frac{11}{315}$	$\frac{304}{2205}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{441}\ \Phi_{245}\ \Phi_{147}\ \Phi_{49}\ \Phi_{15}\ \Phi_3\ \Phi_1$
152689	1901	1980	$\frac{79}{1980}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_3\ \Phi_1$
152690	1901	2160	$\frac{11}{270}$	$\frac{259}{2160}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
152691	1901	1995	$\frac{94}{1995}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{285}\ \Phi_{133}\ \Phi_{95}\ \Phi_{57}\ \Phi_{19}\ \Phi_{15}\ \Phi_3\ \Phi_1$
152692	1901	2100	$\frac{11}{210}$	$\frac{199}{2100}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
152693	1901	2025	$\frac{124}{2025}$	$\frac{11}{135}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{405}\ \Phi_{225}\ \Phi_{81}\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
152694	1901	2240	$\frac{3}{112}$	$\frac{339}{2240}$	$\frac{109}{448}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{320}\ \Phi_{280}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
152695	1901	2464	$\frac{3}{56}$	$\frac{53}{616}$	$\frac{563}{2464}$	$\frac{1}{4}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{352}\ \Phi_{224}\ \Phi_{176}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
152696	1901	2448	$\frac{3}{68}$	$\frac{65}{612}$	$\frac{547}{2448}$	$\frac{1}{4}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{144}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{48}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_1$
152697	1901	2400	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{101}{600}$	$\frac{499}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
152698	1902	3160	$\frac{1}{316}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{315}{632}$	$\Phi_{3160}\ \Phi_{632}^2\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
152699	1902	1896	$\frac{1}{316}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{315}{632}$	$\Phi_{1896}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
152700	1902	630	$\frac{2}{315}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{313}{630}$	$\Phi_{630}^6\ \Phi_{210}^6\ \Phi_{126}^6\ \Phi_{90}^6\ \Phi_{70}^6\ \Phi_{42}^6\ \Phi_{30}^6\ \Phi_{21}\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_6^6\ \Phi_2^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
152701	1902	1260	$\frac{2}{315}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{313}{630}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9^2\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
152702	1902	3264	$\frac{1}{136}$	$\frac{137}{1088}$	$\frac{1}{3}$	$\frac{135}{272}$	$\Phi_{3264}\ \Phi_{1632}\ \Phi_{408}\ \Phi_{204}\ \Phi_{192}\ \Phi_{102}\ \Phi_{96}\ \Phi_{51}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
152703	1902	5664	$\frac{7}{944}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{937}{1888}$	$\Phi_{5664}\ \Phi_{96}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
152704	1902	1524	$\frac{1}{127}$	$\frac{64}{381}$	$\frac{1}{4}$	$\frac{63}{127}$	$\Phi_{1524}^2\ \Phi_{762}^2\ \Phi_{508}\ \Phi_{254}\ \Phi_{12}^2\ \Phi_6^2$
152705	1902	2968	$\frac{1}{106}$	$\frac{1}{7}$	$\frac{107}{424}$	$\frac{105}{212}$	$\Phi_{2968}\ \Phi_{742}\ \Phi_{371}\ \Phi_{56}\ \Phi_{14}$
152706	1902	5628	$\frac{13}{938}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{925}{1876}$	$\Phi_{5628}\ \Phi_{804}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
152707	1902	4368	$\frac{5}{312}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{307}{624}$	$\Phi_{4368}\ \Phi_{1456}\ \Phi_{336}\ \Phi_{112}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
152708	1902	5610	$\frac{16}{935}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{919}{1870}$	$\Phi_{5610}\ \Phi_{1122}\ \Phi_{510}\ \Phi_{330}\ \Phi_{102}\ \Phi_{66}\ \Phi_{51}\ \Phi_{30}\ \Phi_6$
152709	1902	336	$\frac{1}{56}$	$\frac{19}{336}$	$\frac{1}{3}$	$\frac{55}{112}$	$\Phi_{336}^5\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{84}^6\ \Phi_{56}^6\ \Phi_{48}^5\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_8^6\ \Phi_7^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
152710	1902	1848	$\frac{9}{308}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{299}{616}$	$\Phi_{1848}^3\ \Phi_{264}^3\ \Phi_{168}^3\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
152711	1902	612	$\frac{1}{34}$	$\frac{11}{306}$	$\frac{1}{3}$	$\frac{295}{612}$	$\Phi_{612}^6\ \Phi_{204}^6\ \Phi_{102}\ \Phi_{68}^6\ \Phi_{51}\ \Phi_{36}^6\ \Phi_{12}^6\ \Phi_6\ \Phi_4^6$
152712	1902	5376	$\frac{1}{56}$	$\frac{55}{896}$	$\frac{1}{3}$	$\frac{841}{1792}$	$\Phi_{5376}\ \Phi_{768}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
152713	1902	5304	$\frac{1}{68}$	$\frac{67}{884}$	$\frac{1}{3}$	$\frac{817}{1768}$	$\Phi_{5304}\ \Phi_{408}\ \Phi_{312}\ \Phi_{204}\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
152714	1902	960	$\frac{3}{320}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{960}^3\ \Phi_{480}^3\ \Phi_{240}^3\ \Phi_{192}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{48}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
152715	1902	4998	$\frac{1}{119}$	$\frac{118}{833}$	$\frac{1}{3}$	$\frac{715}{1666}$	$\Phi_{4998}\ \Phi_{714}\ \Phi_{357}\ \Phi_{294}\ \Phi_{102}\ \Phi_{51}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
152716	1902	1632	$\frac{1}{136}$	$\frac{45}{272}$	$\frac{1}{3}$	$\frac{227}{544}$	$\Phi_{1632}^3\ \Phi_{408}\ \Phi_{204}\ \Phi_{102}\ \Phi_{96}^3\ \Phi_{51}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
152717	1902	2268	$\frac{7}{324}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
152718	1902	3710	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{52}{265}$	$\frac{213}{530}$	$\Phi_{3710}\ \Phi_{742}\ \Phi_{371}\ \Phi_{70}\ \Phi_{14}$
152719	1902	2370	$\frac{1}{158}$	$\frac{1}{5}$	$\frac{157}{474}$	$\frac{2}{5}$	$\Phi_{2370}\ \Phi_{1185}\ \Phi_{474}^2\ \Phi_{237}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
152720	1902	320	$\frac{3}{320}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{320}^6\ \Phi_{160}^6\ \Phi_{80}^6\ \Phi_{64}^6\ \Phi_{40}^6\ \Phi_{32}^6\ \Phi_{20}^5\ \Phi_{16}^6\ \Phi_{10}^5\ \Phi_8^6\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
152721	1902	395	$\frac{1}{79}$	$\frac{78}{395}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{395}^5\ \Phi_{79}^4\ \Phi_5^6\ \Phi_1^6$
152722	1902	508	$\frac{1}{127}$	$\frac{63}{254}$	$\frac{1}{4}$	$\frac{191}{508}$	$\Phi_{508}^3\ \Phi_{254}^5\ \Phi_{127}^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
152723	1902	1428	$\frac{1}{238}$	$\frac{79}{238}$	$\frac{1}{3}$	$\frac{159}{476}$	$\Phi_{1428}^3\ \Phi_{714}\ \Phi_{357}\ \Phi_{204}^3\ \Phi_{102}\ \Phi_{84}^3\ \Phi_{51}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}^3\ \Phi_6$
152724	1902	948	$\frac{1}{158}$	$\frac{1}{4}$	$\frac{157}{474}$	$\frac{1}{3}$	$\Phi_{948}^2\ \Phi_{474}\ \Phi_{316}^4\ \Phi_{237}\ \Phi_{158}^2\ \Phi_{79}^2\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
152725	1902	408	$\frac{1}{136}$	$\frac{91}{408}$	$\frac{45}{136}$	$\frac{1}{3}$	$\Phi_{408}^4\ \Phi_{204}^4\ \Phi_{136}^6\ \Phi_{102}^4\ \Phi_{68}^6\ \Phi_{51}^4\ \Phi_{34}^6\ \Phi_{24}^4\ \Phi_{17}^6\ \Phi_{12}^4\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
152726	1902	1416	$\frac{7}{472}$	$\frac{1}{8}$	$\frac{155}{472}$	$\frac{1}{3}$	$\Phi_{1416}^2\ \Phi_{708}^2\ \Phi_{354}^2\ \Phi_{177}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
152727	1902	357	$\frac{2}{119}$	$\frac{40}{357}$	$\frac{39}{119}$	$\frac{1}{3}$	$\Phi_{357}^5\ \Phi_{119}^6\ \Phi_{51}^5\ \Phi_{21}^5\ \Phi_{17}^6\ \Phi_7^6\ \Phi_3^4\ \Phi_1^6$
152728	1902	1020	$\frac{1}{34}$	$\frac{23}{340}$	$\frac{11}{34}$	$\frac{1}{3}$	$\Phi_{1020}^3\ \Phi_{510}^3\ \Phi_{255}^3\ \Phi_{204}^3\ \Phi_{102}\ \Phi_{60}^3\ \Phi_{51}\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6$
152729	1902	336	$\frac{1}{28}$	$\frac{19}{336}$	$\frac{9}{28}$	$\frac{1}{3}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{84}^4\ \Phi_{56}^6\ \Phi_{48}^6\ \Phi_{42}^4\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{21}^4\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_{12}^4\ \Phi_8^6\ \Phi_7^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
152730	1902	1344	$\frac{1}{56}$	$\frac{55}{448}$	$\frac{131}{448}$	$\frac{1}{3}$	$\Phi_{1344}^2\ \Phi_{672}^2\ \Phi_{336}^2\ \Phi_{192}^2\ \Phi_{168}^3\ \Phi_{96}^2\ \Phi_{84}^3\ \Phi_{48}^2\ \Phi_{42}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
152731	1902	966	$\frac{5}{322}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{966}^3\ \Phi_{483}^3\ \Phi_{138}^3\ \Phi_{69}^3\ \Phi_{42}^3\ \Phi_{21}\ \Phi_6^3$
152732	1902	960	$\frac{3}{320}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{960}^3\ \Phi_{480}^3\ \Phi_{240}^3\ \Phi_{192}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
152733	1902	3792	$\frac{3}{316}$	$\frac{313}{1264}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3792}\ \Phi_{1896}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
152734	1902	4740	$\frac{1}{79}$	$\frac{78}{395}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{4740}\ \Phi_{2370}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
152735	1902	3360	$\frac{1}{56}$	$\frac{169}{1120}$	$\frac{55}{224}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{480}\ \Phi_{420}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
152736	1902	420	$\frac{2}{105}$	$\frac{1}{7}$	$\frac{103}{420}$	$\frac{1}{3}$	$\Phi_{420}^6\ \Phi_{210}^6\ \Phi_{140}^6\ \Phi_{84}^6\ \Phi_{70}^6\ \Phi_{60}^6\ \Phi_{42}^6\ \Phi_{30}^6\ \Phi_{28}^6\ \Phi_{21}\ \Phi_{20}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_{6}^6\ \Phi_{4}^6\ \Phi_{2}^6$
152737	1902	3696	$\frac{1}{28}$	$\frac{27}{308}$	$\frac{281}{1232}$	$\frac{1}{3}$	$\Phi_{3696}\ \Phi_{1848}\ \Phi_{528}\ \Phi_{336}\ \Phi_{264}\ \Phi_{168}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
152738	1902	408	$\frac{1}{34}$	$\frac{11}{102}$	$\frac{91}{408}$	$\frac{1}{3}$	$\Phi_{408}^6\ \Phi_{204}^6\ \Phi_{136}^6\ \Phi_{102}\ \Phi_{68}^6\ \Phi_{51}\ \Phi_{24}^6\ \Phi_{12}^6\ \Phi_{8}^6\ \Phi_{6}\ \Phi_{4}^6$
152739	1902	2268	$\frac{7}{324}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
152740	1902	1020	$\frac{1}{17}$	$\frac{23}{340}$	$\frac{16}{85}$	$\frac{1}{3}$	$\Phi_{1020}^3\ \Phi_{510}^3\ \Phi_{255}^2\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{60}^3\ \Phi_{51}^3\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{3}^2$
152741	1902	2940	$\frac{29}{980}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{735}\ \Phi_{588}\ \Phi_{420}\ \Phi_{294}\ \Phi_{210}\ \Phi_{147}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
152742	1902	378	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{61}{378}$	$\frac{1}{3}$	$\Phi_{378}^6\ \Phi_{189}^6\ \Phi_{126}^6\ \Phi_{54}^6\ \Phi_{42}^6\ \Phi_{27}^6\ \Phi_{21}\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_{6}^6\ \Phi_{2}^6$
152743	1902	1122	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{57}{374}$	$\frac{1}{3}$	$\Phi_{1122}^3\ \Phi_{561}^2\ \Phi_{102}^3\ \Phi_{66}^3\ \Phi_{51}^3\ \Phi_{33}^2\ \Phi_{6}^3\ \Phi_{3}^2$
152744	1902	2310	$\frac{13}{330}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{385}\ \Phi_{231}\ \Phi_{210}\ \Phi_{154}\ \Phi_{77}\ \Phi_{70}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
152745	1902	2520	$\frac{2}{45}$	$\frac{43}{360}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{420}\ \Phi_{280}\ \Phi_{252}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{126}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
152746	1902	336	$\frac{19}{336}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{84}^6\ \Phi_{56}^6\ \Phi_{48}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{21}\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_{8}^6\ \Phi_{6}^6\ \Phi_{4}^6\ \Phi_{2}^6$
152747	1902	1050	$\frac{2}{35}$	$\frac{33}{350}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1050}^3\ \Phi_{525}^3\ \Phi_{210}^3\ \Phi_{150}^3\ \Phi_{75}^3\ \Phi_{42}^3\ \Phi_{30}^3\ \Phi_{21}\ \Phi_{6}^3$
152748	1902	3780	$\frac{4}{315}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{311}{945}$	$\Phi_{3780}\ \Phi_{1890}\ \Phi_{756}\ \Phi_{540}\ \Phi_{378}\ \Phi_{270}\ \Phi_{108}\ \Phi_{54}\ \Phi_{20}\ \Phi_{10}$
152749	1902	3276	$\frac{5}{156}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{151}{468}$	$\Phi_{3276}\ \Phi_{1638}\ \Phi_{819}\ \Phi_{252}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
152750	1902	2580	$\frac{11}{645}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{860}\ \Phi_{516}\ \Phi_{430}\ \Phi_{258}\ \Phi_{172}\ \Phi_{86}\ \Phi_{20}\ \Phi_{10}$
152751	1902	420	$\frac{2}{105}$	$\frac{1}{5}$	$\frac{103}{420}$	$\frac{1}{4}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^4\ \Phi_{105}^6\ \Phi_{84}^4\ \Phi_{70}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^6\ \Phi_{30}^4\ \Phi_{28}^4\ \Phi_{21}^6\ \Phi_{20}^5\ \Phi_{15}^6\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_{7}^6\ \Phi_{6}^4\ \Phi_{5}^6\ \Phi_{4}^4\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
152752	1902	2940	$\frac{4}{105}$	$\frac{101}{735}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{980}\ \Phi_{588}\ \Phi_{490}\ \Phi_{294}\ \Phi_{196}\ \Phi_{98}\ \Phi_{20}\ \Phi_{10}$
152753	1902	660	$\frac{13}{330}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{660}^4\ \Phi_{330}^2\ \Phi_{220}^4\ \Phi_{165}^2\ \Phi_{132}^4\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{55}^2\ \Phi_{44}^4\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{10}\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
152754	1902	360	$\frac{2}{45}$	$\frac{43}{360}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{360}^6\ \Phi_{180}^4\ \Phi_{120}^6\ \Phi_{90}^4\ \Phi_{72}^6\ \Phi_{60}^4\ \Phi_{45}^6\ \Phi_{40}^6\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{24}^6\ \Phi_{20}^5\ \Phi_{18}^4\ \Phi_{15}^6\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_{9}^6\ \Phi_{8}^6\ \Phi_{6}^4\ \Phi_{5}^6\ \Phi_{4}^4\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
152755	1902	2660	$\frac{31}{665}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{532}\ \Phi_{380}\ \Phi_{266}\ \Phi_{190}\ \Phi_{76}\ \Phi_{38}\ \Phi_{20}\ \Phi_{10}$
152756	1902	700	$\frac{2}{35}$	$\frac{33}{350}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{700}^4\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{140}^2\ \Phi_{100}^4\ \Phi_{50}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
152757	1902	2700	$\frac{41}{675}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{900}\ \Phi_{540}\ \Phi_{450}\ \Phi_{300}\ \Phi_{270}\ \Phi_{150}\ \Phi_{108}\ \Phi_{100}\ \Phi_{54}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
152758	1902	336	$\frac{19}{336}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{336}^6\ \Phi_{168}^5\ \Phi_{112}^6\ \Phi_{84}^5\ \Phi_{56}^6\ \Phi_{48}^6\ \Phi_{42}^6\ \Phi_{28}^5\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_{8}^6\ \Phi_{7}^5\ \Phi_{6}^6\ \Phi_{4}^6\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^6$
152759	1902	2730	$\frac{5}{78}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{73}{390}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{910}\ \Phi_{455}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
152760	1903	3792	$\frac{7}{1896}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1889}{3792}$	$\Phi_{3792}\ \Phi_{1264}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
152761	1903	2286	$\frac{2}{381}$	$\frac{383}{2286}$	$\frac{1}{3}$	$\frac{379}{762}$	$\Phi_{2286}\ \Phi_{1143}\ \Phi_{381}\ \Phi_{127}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
152762	1903	1720	$\frac{1}{172}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{171}{344}$	$\Phi_{1720}^2\ \Phi_{344}^3\ \Phi_{40}^2\ \Phi_{20}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
152763	1903	5160	$\frac{1}{172}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{171}{344}$	$\Phi_{5160}\ \Phi_{1032}\ \Phi_{344}\ \Phi_{120}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
152764	1903	3780	$\frac{13}{1890}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1877}{3780}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{108}\ \Phi_{84}\ \Phi_{60}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
152765	1903	3780	$\frac{13}{1890}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1877}{3780}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{108}\ \Phi_{84}\ \Phi_{60}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
152766	1903	2544	$\frac{5}{636}$	$\frac{1}{6}$	$\frac{641}{2544}$	$\frac{631}{1272}$	$\Phi_{2544}\ \Phi_{848}\ \Phi_{636}\ \Phi_{318}\ \Phi_{212}\ \Phi_{159}\ \Phi_{106}\ \Phi_{53}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
152767	1903	684	$\frac{2}{171}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{169}{342}$	$\Phi_{684}^{3}\,\Phi_{342}^{2}\,\Phi_{228}^{3}\,\Phi_{171}^{3}\,\Phi_{114}^{2}\,\Phi_{76}^{3}\,\Phi_{57}^{3}\,\Phi_{38}^{2}\,\Phi_{36}^{3}\,\Phi_{19}^{3}\,\Phi_{18}^{2}\,\Phi_{12}^{5}\,\Phi_{9}^{3}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
152768	1903	3744	$\frac{31}{1872}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1841}{3744}$	$\Phi_{3744}\,\Phi_{1248}\,\Phi_{416}\,\Phi_{288}\,\Phi_{96}\,\Phi_{36}\,\Phi_{32}\,\Phi_{18}\,\Phi_{12}\,\Phi_{9}\,\Phi_{4}\,\Phi_{1}$
152769	1903	696	$\frac{1}{58}$	$\frac{1}{12}$	$\frac{59}{232}$	$\frac{57}{116}$	$\Phi_{696}^{4}\,\Phi_{348}^{2}\,\Phi_{232}^{3}\,\Phi_{174}^{2}\,\Phi_{116}^{2}\,\Phi_{87}^{2}\,\Phi_{58}\,\Phi_{29}\,\Phi_{24}^{4}\,\Phi_{12}\,\Phi_{8}^{3}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
152770	1903	336	$\frac{5}{168}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{163}{336}$	$\Phi_{336}^{11}\,\Phi_{112}^{11}\,\Phi_{48}^{11}\,\Phi_{16}^{11}\,\Phi_{12}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
152771	1903	318	$\frac{5}{159}$	$\frac{14}{159}$	$\frac{1}{6}$	$\frac{145}{318}$	$\Phi_{318}^{5}\,\Phi_{159}^{7}\,\Phi_{106}^{5}\,\Phi_{53}^{7}\,\Phi_{6}^{4}\,\Phi_{3}^{6}\,\Phi_{2}^{4}\,\Phi_{1}^{7}$
152772	1903	2580	$\frac{1}{86}$	$\frac{1}{10}$	$\frac{85}{258}$	$\frac{9}{20}$	$\Phi_{2580}^{2}\,\Phi_{516}^{2}\,\Phi_{258}\,\Phi_{129}\,\Phi_{60}^{2}\,\Phi_{20}\,\Phi_{12}^{2}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
152773	1903	880	$\frac{3}{176}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{880}^{2}\,\Phi_{440}^{2}\,\Phi_{220}^{2}\,\Phi_{176}^{3}\,\Phi_{110}^{2}\,\Phi_{88}^{3}\,\Phi_{80}^{2}\,\Phi_{55}^{2}\,\Phi_{44}^{3}\,\Phi_{40}^{2}\,\Phi_{22}^{3}\,\Phi_{20}\,\Phi_{16}^{3}\,\Phi_{11}^{3}\,\Phi_{8}^{3}\,\Phi_{4}\,\Phi_{1}$
152774	1903	860	$\frac{1}{43}$	$\frac{1}{10}$	$\frac{42}{215}$	$\frac{9}{20}$	$\Phi_{860}^{4}\,\Phi_{215}\,\Phi_{172}^{4}\,\Phi_{20}^{5}\,\Phi_{5}\,\Phi_{4}^{5}\,\Phi_{1}$
152775	1903	1920	$\frac{17}{1920}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1920}\,\Phi_{960}\,\Phi_{640}\,\Phi_{480}\,\Phi_{384}\,\Phi_{320}\,\Phi_{240}\,\Phi_{192}\,\Phi_{160}\,\Phi_{128}\,\Phi_{120}\,\Phi_{96}\,\Phi_{80}\,\Phi_{64}\,\Phi_{60}\,\Phi_{48}\,\Phi_{40}\,\Phi_{32}\,\Phi_{24}\,\Phi_{20}\,\Phi_{16}\,\Phi_{15}\,\Phi_{12}\,\Phi_{8}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
152776	1903	1944	$\frac{41}{1944}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{1944}\,\Phi_{972}\,\Phi_{648}\,\Phi_{486}\,\Phi_{324}\,\Phi_{243}\,\Phi_{216}\,\Phi_{162}\,\Phi_{108}\,\Phi_{81}\,\Phi_{54}\,\Phi_{36}\,\Phi_{27}\,\Phi_{18}\,\Phi_{12}\,\Phi_{9}\,\Phi_{4}\,\Phi_{1}$
152777	1903	2844	$\frac{7}{948}$	$\frac{1}{6}$	$\frac{941}{2844}$	$\frac{5}{12}$	$\Phi_{2844}\,\Phi_{1422}\,\Phi_{711}\,\Phi_{36}\,\Phi_{18}\,\Phi_{12}\,\Phi_{9}\,\Phi_{4}\,\Phi_{1}$
152778	1903	1920	$\frac{17}{1920}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1920}\,\Phi_{960}\,\Phi_{640}\,\Phi_{480}\,\Phi_{384}\,\Phi_{320}\,\Phi_{240}\,\Phi_{192}\,\Phi_{160}\,\Phi_{128}\,\Phi_{120}\,\Phi_{96}\,\Phi_{80}\,\Phi_{64}\,\Phi_{60}\,\Phi_{48}\,\Phi_{40}\,\Phi_{32}\,\Phi_{30}\,\Phi_{20}\,\Phi_{16}\,\Phi_{15}\,\Phi_{12}\,\Phi_{10}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
152779	1903	180	$\frac{7}{180}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{180}^{11}\,\Phi_{90}^{11}\,\Phi_{60}^{11}\,\Phi_{45}^{11}\,\Phi_{36}^{11}\,\Phi_{30}^{11}\,\Phi_{20}^{11}\,\Phi_{18}^{11}\,\Phi_{15}^{11}\,\Phi_{12}^{5}\,\Phi_{10}^{11}\,\Phi_{9}^{11}\,\Phi_{6}^{4}\,\Phi_{5}^{11}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
152780	1903	1740	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{28}{145}$	$\frac{117}{290}$	$\Phi_{1740}\,\Phi_{870}\,\Phi_{580}\,\Phi_{435}\,\Phi_{348}^{2}\,\Phi_{174}^{2}\,\Phi_{145}\,\Phi_{116}^{2}\,\Phi_{87}^{2}\,\Phi_{60}\,\Phi_{58}\,\Phi_{30}\,\Phi_{29}\,\Phi_{20}\,\Phi_{15}\,\Phi_{12}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
152781	1903	3180	$\frac{5}{318}$	$\frac{1}{6}$	$\frac{313}{1590}$	$\frac{1277}{3180}$	$\Phi_{3180}\,\Phi_{1060}\,\Phi_{636}\,\Phi_{318}\,\Phi_{212}\,\Phi_{159}\,\Phi_{106}\,\Phi_{60}\,\Phi_{53}\,\Phi_{20}\,\Phi_{12}\,\Phi_{4}\,\Phi_{1}$
152782	1903	522	$\frac{1}{174}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{522}^{3}\,\Phi_{261}^{3}\,\Phi_{174}^{5}\,\Phi_{87}^{5}\,\Phi_{58}^{5}\,\Phi_{29}^{5}\,\Phi_{18}^{2}\,\Phi_{9}^{3}\,\Phi_{6}^{4}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
152783	1903	3048	$\frac{2}{381}$	$\frac{379}{1524}$	$\frac{1}{3}$	$\frac{1145}{3048}$	$\Phi_{3048}\,\Phi_{1016}\,\Phi_{381}\,\Phi_{127}\,\Phi_{24}\,\Phi_{8}\,\Phi_{1}$
152784	1903	1392	$\frac{1}{174}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1392}^{2}\,\Phi_{464}^{2}\,\Phi_{348}^{2}\,\Phi_{174}\,\Phi_{116}^{2}\,\Phi_{87}\,\Phi_{58}\,\Phi_{48}^{2}\,\Phi_{29}\,\Phi_{16}\,\Phi_{12}^{2}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
152785	1903	2835	$\frac{13}{945}$	$\frac{2}{15}$	$\frac{932}{2835}$	$\frac{1}{3}$	$\Phi_{2835}\,\Phi_{567}\,\Phi_{405}\,\Phi_{81}\,\Phi_{15}\,\Phi_{5}\,\Phi_{1}$
152786	1903	1935	$\frac{32}{1935}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{1935}\,\Phi_{645}\,\Phi_{387}\,\Phi_{215}\,\Phi_{129}\,\Phi_{43}\,\Phi_{15}\,\Phi_{5}\,\Phi_{1}$
152787	1903	525	$\frac{2}{175}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{525}^{3}\,\Phi_{175}^{5}\,\Phi_{105}^{3}\,\Phi_{75}^{3}\,\Phi_{35}^{5}\,\Phi_{25}^{5}\,\Phi_{21}^{3}\,\Phi_{15}^{2}\,\Phi_{7}^{5}\,\Phi_{5}^{3}\,\Phi_{3}\,\Phi_{1}^{3}$
152788	1903	2520	$\frac{13}{630}$	$\frac{2}{15}$	$\frac{617}{2520}$	$\frac{1}{3}$	$\Phi_{2520}\,\Phi_{1260}\,\Phi_{840}\,\Phi_{504}\,\Phi_{420}\,\Phi_{360}\,\Phi_{280}\,\Phi_{252}\,\Phi_{180}\,\Phi_{168}\,\Phi_{140}\,\Phi_{120}\,\Phi_{84}\,\Phi_{72}\,\Phi_{60}\,\Phi_{56}\,\Phi_{40}\,\Phi_{36}\,\Phi_{28}\,\Phi_{24}\,\Phi_{20}\,\Phi_{15}\,\Phi_{12}\,\Phi_{8}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
152789	1903	228	$\frac{2}{57}$	$\frac{1}{12}$	$\frac{55}{228}$	$\frac{1}{3}$	$\Phi_{228}^{8}\,\Phi_{114}^{8}\,\Phi_{76}^{8}\,\Phi_{57}^{9}\,\Phi_{38}^{8}\,\Phi_{19}^{9}\,\Phi_{12}^{10}\,\Phi_{6}^{10}\,\Phi_{4}^{10}\,\Phi_{3}^{10}\,\Phi_{2}^{10}\,\Phi_{1}^{11}$
152790	1903	180	$\frac{7}{180}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{180}^{11}\,\Phi_{90}^{11}\,\Phi_{60}^{11}\,\Phi_{45}^{11}\,\Phi_{36}^{8}\,\Phi_{30}^{11}\,\Phi_{20}^{11}\,\Phi_{18}^{8}\,\Phi_{15}^{11}\,\Phi_{12}^{10}\,\Phi_{10}^{11}\,\Phi_{9}^{9}\,\Phi_{6}^{10}\,\Phi_{5}^{11}\,\Phi_{4}^{10}\,\Phi_{3}^{10}\,\Phi_{2}^{10}\,\Phi_{1}^{11}$
152791	1903	180	$\frac{7}{180}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{180}^{11}\,\Phi_{90}^{10}\,\Phi_{60}^{11}\,\Phi_{45}^{10}\,\Phi_{36}^{11}\,\Phi_{30}^{10}\,\Phi_{20}^{11}\,\Phi_{18}^{10}\,\Phi_{15}^{11}\,\Phi_{12}^{11}\,\Phi_{10}^{10}\,\Phi_{9}^{10}\,\Phi_{6}^{10}\,\Phi_{5}^{11}\,\Phi_{4}^{11}\,\Phi_{3}^{10}\,\Phi_{2}^{10}\,\Phi_{1}^{11}$
152792	1903	2205	$\frac{13}{315}$	$\frac{2}{15}$	$\frac{302}{2205}$	$\frac{1}{3}$	$\Phi_{2205}\,\Phi_{735}\,\Phi_{441}\,\Phi_{245}\,\Phi_{147}\,\Phi_{49}\,\Phi_{15}\,\Phi_{5}\,\Phi_{1}$
152793	1903	1995	$\frac{92}{1995}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1995}\,\Phi_{665}\,\Phi_{399}\,\Phi_{285}\,\Phi_{133}\,\Phi_{95}\,\Phi_{57}\,\Phi_{19}\,\Phi_{15}\,\Phi_{5}\,\Phi_{1}$
152794	1903	2160	$\frac{13}{270}$	$\frac{257}{2160}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2160}\,\Phi_{1080}\,\Phi_{720}\,\Phi_{540}\,\Phi_{432}\,\Phi_{360}\,\Phi_{240}\,\Phi_{216}\,\Phi_{180}\,\Phi_{144}\,\Phi_{120}\,\Phi_{108}\,\Phi_{80}\,\Phi_{72}\,\Phi_{60}\,\Phi_{48}\,\Phi_{40}\,\Phi_{36}\,\Phi_{24}\,\Phi_{20}\,\Phi_{16}\,\Phi_{15}\,\Phi_{12}\,\Phi_{8}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$
152795	1903	2025	$\frac{122}{2025}$	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2025}\,\Phi_{675}\,\Phi_{405}\,\Phi_{225}\,\Phi_{81}\,\Phi_{75}\,\Phi_{25}\,\Phi_{15}\,\Phi_{5}\,\Phi_{1}$
152796	1903	2100	$\frac{13}{210}$	$\frac{197}{2100}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2100}\,\Phi_{1050}\,\Phi_{700}\,\Phi_{525}\,\Phi_{420}\,\Phi_{350}\,\Phi_{300}\,\Phi_{175}\,\Phi_{150}\,\Phi_{140}\,\Phi_{100}\,\Phi_{84}\,\Phi_{75}\,\Phi_{60}\,\Phi_{50}\,\Phi_{28}\,\Phi_{25}\,\Phi_{20}\,\Phi_{15}\,\Phi_{12}\,\Phi_{5}\,\Phi_{4}\,\Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
152797	1903	1290	$\frac{1}{86}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{85}{258}$	$\Phi_{1290}\ \Phi_{645}\ \Phi_{430}^2\ \Phi_{258}^2\ \Phi_{215}^2\ \Phi_{129}^2\ \Phi_{86}^2\ \Phi_{43}^2\ \Phi_{30}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
152798	1903	2808	$\frac{31}{936}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{905}{2808}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
152799	1903	252	$\frac{5}{84}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{79}{252}$	$\Phi_{252}^{11}\ \Phi_{126}^{11}\ \Phi_{63}^{11}\ \Phi_{36}^{11}\ \Phi_{18}^{11}\ \Phi_{12}^5\ \Phi_9^{11}\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
152800	1903	2520	$\frac{13}{630}$	$\frac{1}{6}$	$\frac{617}{2520}$	$\frac{5}{18}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
152801	1903	1944	$\frac{41}{1944}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
152802	1903	2268	$\frac{13}{378}$	$\frac{365}{2268}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{324}\ \Phi_{252}\ \Phi_{162}\ \Phi_{108}\ \Phi_{84}\ \Phi_{81}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
152803	1903	180	$\frac{7}{180}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{180}^{11}\ \Phi_{90}^{10}\ \Phi_{60}^{11}\ \Phi_{45}^{10}\ \Phi_{36}^{11}\ \Phi_{30}^{10}\ \Phi_{20}^{11}\ \Phi_{18}^{11}\ \Phi_{15}^{10}\ \Phi_{12}^{11}\ \Phi_{10}^{10}\ \Phi_9^{11}\ \Phi_6^{10}\ \Phi_5^{10}\ \Phi_4^{11}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
152804	1903	2160	$\frac{13}{270}$	$\frac{257}{2160}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
152805	1903	2016	$\frac{113}{2016}$	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
152806	1903	2640	$\frac{3}{176}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{176}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{15}\ \Phi_{11}\ \Phi_8\ \Phi_3\ \Phi_1$
152807	1903	645	$\frac{1}{43}$	$\frac{42}{215}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{645}^4\ \Phi_{215}\ \Phi_{129}^4\ \Phi_{15}^5\ \Phi_5\ \Phi_3^5\ \Phi_1$
152808	1903	2016	$\frac{113}{2016}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{144}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
152809	1903	192	$\frac{1}{12}$	$\frac{19}{192}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{192}^{11}\ \Phi_{96}^{11}\ \Phi_{64}^{11}\ \Phi_{48}^{11}\ \Phi_{32}^{11}\ \Phi_{16}^{11}\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
152810	1903	2340	$\frac{31}{468}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{437}{2340}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{130}\ \Phi_{90}\ \Phi_{65}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
152811	1903	420	$\frac{1}{12}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{210}$	$\Phi_{420}^6\ \Phi_{210}^5\ \Phi_{140}^6\ \Phi_{105}^5\ \Phi_{70}^5\ \Phi_{60}^6\ \Phi_{35}^5\ \Phi_{30}^5\ \Phi_{20}^6\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
152812	1904	1425	$\frac{1}{475}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{237}{475}$	$\Phi_{1425}\ \Phi_{475}^2\ \Phi_{285}\ \Phi_{95}^2\ \Phi_{75}\ \Phi_{57}\ \Phi_{25}^2\ \Phi_{19}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
152813	1904	1903	$\frac{5}{1903}$	$\frac{477}{1903}$	$\frac{713}{1903}$	$\frac{949}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_1^2$
152814	1904	2859	$\frac{3}{953}$	$\frac{239}{953}$	$\frac{1}{3}$	$\frac{475}{953}$	Φ_{2859}
152815	1904	3252	$\frac{1}{271}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{135}{271}$	$\Phi_{3252}\ \Phi_{1084}\ \Phi_{271}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
152816	1904	2439	$\frac{1}{271}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{135}{271}$	$\Phi_{2439}\ \Phi_{271}\ \Phi_9^2\ \Phi_1^2$
152817	1904	1659	$\frac{1}{237}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{118}{237}$	$\Phi_{1659}\ \Phi_{553}\ \Phi_{237}^2\ \Phi_{79}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
152818	1904	1185	$\frac{1}{237}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{118}{237}$	$\Phi_{1185}^2\ \Phi_{395}^2\ \Phi_{15}^3\ \Phi_5^2$
152819	1904	1903	$\frac{9}{1903}$	$\frac{239}{1903}$	$\frac{832}{1903}$	$\frac{947}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_1^2$
152820	1904	865	$\frac{1}{173}$	$\frac{87}{865}$	$\frac{389}{865}$	$\frac{86}{173}$	$\Phi_{865}^2\ \Phi_{173}^3\ \Phi_5^2\ \Phi_1^4$
152821	1904	795	$\frac{1}{159}$	$\frac{1}{5}$	$\frac{40}{159}$	$\frac{79}{159}$	$\Phi_{795}^3\ \Phi_{265}^3\ \Phi_{15}^3\ \Phi_5^2$
152822	1904	473	$\frac{3}{473}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{235}{473}$	$\Phi_{473}^4\ \Phi_{43}^4\ \Phi_{11}^5\ \Phi_1^6$
152823	1904	1903	$\frac{13}{1903}$	$\frac{356}{1903}$	$\frac{479}{1903}$	$\frac{945}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_1^2$
152824	1904	2859	$\frac{7}{953}$	$\frac{120}{953}$	$\frac{1}{3}$	$\frac{473}{953}$	Φ_{2859}
152825	1904	1755	$\frac{1}{135}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{67}{135}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}^2\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
152826	1904	1080	$\frac{1}{135}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{67}{135}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
152827	1904	1903	$\frac{15}{1903}$	$\frac{137}{1903}$	$\frac{883}{1903}$	$\frac{944}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_{1}^{2}$
152828	1904	3540	$\frac{1}{118}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{117}{236}$	$\Phi_{3540}\ \Phi_{1180}\ \Phi_{708}\ \Phi_{236}^{2}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
152829	1904	2124	$\frac{1}{118}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{117}{236}$	$\Phi_{2124}^{2}\ \Phi_{708}\ \Phi_{236}^{2}\ \Phi_{36}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
152830	1904	1180	$\frac{1}{118}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{117}{236}$	$\Phi_{1180}^{3}\ \Phi_{236}^{4}\ \Phi_{20}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{1}^{4}$
152831	1904	3552	$\frac{1}{111}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{55}{111}$	$\Phi_{3552}\ \Phi_{1184}\ \Phi_{111}\ \Phi_{96}\ \Phi_{37}\ \Phi_{32}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
152832	1904	888	$\frac{1}{111}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{55}{111}$	$\Phi_{888}^{2}\ \Phi_{444}^{2}\ \Phi_{296}^{2}\ \Phi_{222}^{2}\ \Phi_{148}^{2}\ \Phi_{111}^{3}\ \Phi_{74}^{2}\ \Phi_{37}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
152833	1904	2220	$\frac{1}{111}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{55}{111}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{740}\ \Phi_{555}\ \Phi_{370}\ \Phi_{185}\ \Phi_{111}\ \Phi_{60}\ \Phi_{37}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
152834	1904	728	$\frac{1}{91}$	$\frac{1}{8}$	$\frac{23}{91}$	$\frac{45}{91}$	$\Phi_{728}^{3}\ \Phi_{364}^{3}\ \Phi_{182}^{3}\ \Phi_{104}^{3}\ \Phi_{56}^{3}\ \Phi_{52}^{3}\ \Phi_{28}^{3}\ \Phi_{26}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
152835	1904	1881	$\frac{23}{1881}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{929}{1881}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{209}\ \Phi_{171}\ \Phi_{99}\ \Phi_{57}\ \Phi_{33}^{2}\ \Phi_{19}\ \Phi_{11}\ \Phi_{9}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
152836	1904	1903	$\frac{25}{1903}$	$\frac{203}{1903}$	$\frac{482}{1903}$	$\frac{939}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_{1}^{2}$
152837	1904	2859	$\frac{13}{953}$	$\frac{69}{953}$	$\frac{1}{3}$	$\frac{470}{953}$	Φ_{2859}
152838	1904	1809	$\frac{1}{67}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{33}{67}$	$\Phi_{1809}\ \Phi_{603}\ \Phi_{201}\ \Phi_{67}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
152839	1904	1005	$\frac{1}{67}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{33}{67}$	$\Phi_{1005}^{2}\ \Phi_{335}^{2}\ \Phi_{201}\ \Phi_{67}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
152840	1904	603	$\frac{1}{67}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{33}{67}$	$\Phi_{603}^{3}\ \Phi_{201}^{3}\ \Phi_{67}^{4}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
152841	1904	2680	$\frac{1}{67}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{33}{67}$	$\Phi_{2680}\ \Phi_{1340}\ \Phi_{670}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
152842	1904	1903	$\frac{29}{1903}$	$\frac{69}{1903}$	$\frac{917}{1903}$	$\frac{937}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_{1}^{2}$
152843	1904	319	$\frac{5}{319}$	$\frac{1}{11}$	$\frac{81}{319}$	$\frac{157}{319}$	$\Phi_{319}^{6}\ \Phi_{29}^{6}\ \Phi_{11}^{5}\ \Phi_{1}^{6}$
152844	1904	3978	$\frac{2}{117}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{115}{234}$	$\Phi_{3978}\ \Phi_{1326}\ \Phi_{442}\ \Phi_{306}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
152845	1904	1170	$\frac{2}{117}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{115}{234}$	$\Phi_{1170}^{4}\ \Phi_{390}^{4}\ \Phi_{130}^{4}\ \Phi_{90}^{4}\ \Phi_{45}\ \Phi_{30}^{4}\ \Phi_{15}\ \Phi_{10}^{4}$
152846	1904	519	$\frac{3}{173}$	$\frac{43}{519}$	$\frac{44}{173}$	$\frac{85}{173}$	$\Phi_{519}^{4}\ \Phi_{173}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
152847	1904	165	$\frac{1}{55}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{27}{55}$	$\Phi_{165}^{11}\ \Phi_{55}^{12}\ \Phi_{33}^{12}\ \Phi_{15}^{11}\ \Phi_{11}^{13}\ \Phi_{5}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{14}$
152848	1904	990	$\frac{1}{55}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{27}{55}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{330}^{2}\ \Phi_{198}^{2}\ \Phi_{165}\ \Phi_{110}^{2}\ \Phi_{99}^{2}\ \Phi_{90}^{2}\ \Phi_{66}^{2}\ \Phi_{55}^{2}\ \Phi_{45}^{2}\ \Phi_{33}\ \Phi_{30}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{4}\ \Phi_{15}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
152849	1904	110	$\frac{1}{55}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{27}{55}$	$\Phi_{110}^{22}\ \Phi_{55}^{12}\ \Phi_{22}^{24}\ \Phi_{11}^{13}\ \Phi_{10}^{22}\ \Phi_{5}^{12}\ \Phi_{2}^{24}\ \Phi_{1}^{14}$
152850	1904	1903	$\frac{35}{1903}$	$\frac{57}{1903}$	$\frac{923}{1903}$	$\frac{934}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_{1}^{2}$
152851	1904	265	$\frac{1}{53}$	$\frac{27}{265}$	$\frac{1}{5}$	$\frac{26}{53}$	$\Phi_{265}^{7}\ \Phi_{53}^{8}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
152852	1904	2055	$\frac{3}{137}$	$\frac{1}{15}$	$\frac{35}{137}$	$\frac{67}{137}$	$\Phi_{2055}\ \Phi_{685}\ \Phi_{411}$
152853	1904	1064	$\frac{3}{133}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{65}{133}$	$\Phi_{1064}^{2}\ \Phi_{532}^{2}\ \Phi_{266}^{2}\ \Phi_{152}^{2}\ \Phi_{76}^{2}\ \Phi_{56}^{3}\ \Phi_{38}^{2}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
152854	1904	1903	$\frac{43}{1903}$	$\frac{139}{1903}$	$\frac{441}{1903}$	$\frac{930}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_{1}^{2}$
152855	1904	2720	$\frac{1}{40}$	$\frac{1}{17}$	$\frac{41}{160}$	$\frac{39}{80}$	$\Phi_{2720}\ \Phi_{680}\ \Phi_{544}\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}$
152856	1904	312	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{5}{39}$	$\frac{19}{39}$	$\Phi_{312}^{7}\ \Phi_{156}^{7}\ \Phi_{104}^{7}\ \Phi_{78}^{7}\ \Phi_{52}^{7}\ \Phi_{26}^{7}\ \Phi_{24}^{7}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
152857	1904	1903	$\frac{49}{1903}$	$\frac{237}{1903}$	$\frac{244}{1903}$	$\frac{927}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_{1}^{2}$
152858	1904	3944	$\frac{3}{116}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{113}{232}$	$\Phi_{3944}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
152859	1904	2034	$\frac{3}{113}$	$\frac{1}{18}$	$\frac{29}{113}$	$\frac{55}{113}$	$\Phi_{2034}\ \Phi_{1017}\ \Phi_{678}\ \Phi_{339}\ \Phi_{226}$
152860	1904	2385	$\frac{13}{477}$	$\frac{35}{477}$	$\frac{1}{5}$	$\frac{232}{477}$	$\Phi_{2385}\ \Phi_{795}\ \Phi_{265}\ \Phi_{45}\ \Phi_{15}$
152861	1904	1903	$\frac{53}{1903}$	$\frac{101}{1903}$	$\frac{489}{1903}$	$\frac{925}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_{1}^{2}$
152862	1904	2859	$\frac{27}{953}$	$\frac{35}{953}$	$\frac{1}{3}$	$\frac{463}{953}$	Φ_{2859}
152863	1904	957	$\frac{1}{33}$	$\frac{1}{29}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{957}^{2}\ \Phi_{319}^{2}\ \Phi_{87}^{3}\ \Phi_{29}^{2}$
152864	1904	165	$\frac{1}{33}$	$\frac{3}{55}$	$\frac{13}{55}$	$\frac{16}{33}$	$\Phi_{165}^{11}\ \Phi_{55}^{12}\ \Phi_{33}^{12}\ \Phi_{15}^{11}\ \Phi_{11}^{13}\ \Phi_{5}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
152865	1904	165	$\frac{1}{33}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{16}{33}$	$\Phi_{165}^{11}\ \Phi_{55}^{11}\ \Phi_{33}^{12}\ \Phi_{15}^{15}\ \Phi_{11}^{12}\ \Phi_{5}^{14}\ \Phi_{3}^{16}\ \Phi_{1}^{16}$
152866	1904	33	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{16}{33}$	$\Phi_{33}^{58}\ \Phi_{11}^{57}\ \Phi_{3}^{58}\ \Phi_{1}^{58}$
152867	1904	165	$\frac{1}{33}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{16}{33}$	$\Phi_{165}^{11}\ \Phi_{55}^{12}\ \Phi_{33}^{12}\ \Phi_{15}^{11}\ \Phi_{11}^{13}\ \Phi_{5}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{14}$
152868	1904	792	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{16}{33}$	$\Phi_{792}^{3}\ \Phi_{396}^{3}\ \Phi_{264}^{2}\ \Phi_{198}^{3}\ \Phi_{132}^{2}\ \Phi_{88}^{2}\ \Phi_{72}^{4}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{36}^{4}\ \Phi_{24}^{3}\ \Phi_{22}^{2}\ \Phi_{18}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
152869	1904	1903	$\frac{65}{1903}$	$\frac{83}{1903}$	$\frac{492}{1903}$	$\frac{919}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_{1}^{2}$
152870	1904	2859	$\frac{29}{953}$	$\frac{33}{953}$	$\frac{1}{3}$	$\frac{460}{953}$	Φ_{2859}
152871	1904	3910	$\frac{4}{115}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{111}{230}$	$\Phi_{3910}\ \Phi_{782}\ \Phi_{170}\ \Phi_{85}\ \Phi_{34}$
152872	1904	945	$\frac{1}{35}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{135}^{2}\ \Phi_{105}^{3}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{35}^{2}\ \Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{2}$
152873	1904	1809	$\frac{1}{27}$	$\frac{3}{67}$	$\frac{16}{67}$	$\frac{13}{27}$	$\Phi_{1809}\ \Phi_{603}\ \Phi_{201}\ \Phi_{67}^{2}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
152874	1904	270	$\frac{1}{27}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{13}{27}$	$\Phi_{270}^{9}\ \Phi_{135}^{8}\ \Phi_{90}^{10}\ \Phi_{45}^{9}\ \Phi_{30}^{10}\ \Phi_{15}^{9}\ \Phi_{10}^{10}\ \Phi_{5}^{8}$
152875	1904	2448	$\frac{1}{24}$	$\frac{1}{17}$	$\frac{25}{144}$	$\frac{23}{48}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
152876	1904	667	$\frac{1}{29}$	$\frac{1}{23}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{667}^{3}\ \Phi_{29}^{2}$
152877	1904	3876	$\frac{5}{114}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{109}{228}$	$\Phi_{3876}\ \Phi_{1292}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
152878	1904	1903	$\frac{71}{1903}$	$\frac{85}{1903}$	$\frac{458}{1903}$	$\frac{909}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_{1}^{2}$
152879	1904	520	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{31}{65}$	$\Phi_{520}^{4}\ \Phi_{260}^{4}\ \Phi_{130}^{4}\ \Phi_{104}^{5}\ \Phi_{52}^{5}\ \Phi_{40}^{4}\ \Phi_{26}^{5}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
152880	1904	1176	$\frac{1}{21}$	$\frac{11}{147}$	$\frac{1}{8}$	$\frac{10}{21}$	$\Phi_{1176}^{2}\ \Phi_{588}^{2}\ \Phi_{392}^{2}\ \Phi_{294}^{2}\ \Phi_{196}^{2}\ \Phi_{168}\ \Phi_{98}^{2}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
152881	1904	1903	$\frac{97}{1903}$	$\frac{125}{1903}$	$\frac{254}{1903}$	$\frac{903}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_{1}^{2}$
152882	1904	2055	$\frac{7}{137}$	$\frac{1}{15}$	$\frac{18}{137}$	$\frac{65}{137}$	$\Phi_{2055}\ \Phi_{685}\ \Phi_{411}$
152883	1904	173	$\frac{9}{173}$	$\frac{13}{173}$	$\frac{20}{173}$	$\frac{82}{173}$	$\Phi_{173}^{11}\ \Phi_{1}^{12}$
152884	1904	665	$\frac{1}{35}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{665}^{3}\ \Phi_{133}^{3}\ \Phi_{95}^{3}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}$
152885	1904	1903	$\frac{59}{1903}$	$\frac{103}{1903}$	$\frac{461}{1903}$	$\frac{900}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_{1}^{2}$
152886	1904	2151	$\frac{13}{239}$	$\frac{18}{239}$	$\frac{1}{9}$	$\frac{113}{239}$	$\Phi_{2151}\ \Phi_{717}$
152887	1904	728	$\frac{5}{91}$	$\frac{6}{91}$	$\frac{1}{8}$	$\frac{43}{91}$	$\Phi_{728}^{3}\ \Phi_{364}^{3}\ \Phi_{182}^{3}\ \Phi_{104}^{3}\ \Phi_{56}^{3}\ \Phi_{52}^{3}\ \Phi_{28}^{3}\ \Phi_{26}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
152888	1904	1903	$\frac{105}{1903}$	$\frac{118}{1903}$	$\frac{251}{1903}$	$\frac{899}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_{1}^{2}$
152889	1904	265	$\frac{2}{53}$	$\frac{3}{53}$	$\frac{1}{5}$	$\frac{25}{53}$	$\Phi_{265}^{9}\ \Phi_{5}^{8}$
152890	1904	1903	$\frac{50}{1903}$	$\frac{109}{1903}$	$\frac{503}{1903}$	$\frac{897}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_{1}^{2}$
152891	1904	2859	$\frac{18}{953}$	$\frac{55}{953}$	$\frac{1}{3}$	$\frac{449}{953}$	Φ_{2859}
152892	1904	2034	$\frac{1}{18}$	$\frac{7}{113}$	$\frac{15}{113}$	$\frac{53}{113}$	$\Phi_{2034}\ \Phi_{1017}\ \Phi_{678}\ \Phi_{339}\ \Phi_{226}$
152893	1904	1824	$\frac{1}{57}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{1824}^{2}\ \Phi_{608}^{2}\ \Phi_{96}\ \Phi_{57}^{2}\ \Phi_{32}^{2}\ \Phi_{19}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
152894	1904	1184	$\frac{1}{37}$	$\frac{1}{16}$	$\frac{9}{37}$	$\frac{15}{32}$	$\Phi_{1184}^{3}\ \Phi_{37}^{3}\ \Phi_{32}^{4}\ \Phi_{1}^{4}$
152895	1904	4640	$\frac{1}{29}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{4640}\ \Phi_{145}$
152896	1904	1184	$\frac{2}{37}$	$\frac{1}{16}$	$\frac{5}{37}$	$\frac{15}{32}$	$\Phi_{1184}^{3}\ \Phi_{37}^{3}\ \Phi_{32}^{4}\ \Phi_{1}^{4}$
152897	1904	544	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{15}{32}$	$\Phi_{544}^{7}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
152898	1904	3552	$\frac{1}{16}$	$\frac{7}{111}$	$\frac{13}{111}$	$\frac{15}{32}$	$\Phi_{3552}\ \Phi_{1184}\ \Phi_{111}\ \Phi_{96}\ \Phi_{37}\ \Phi_{32}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
152899	1904	1440	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{15}{32}$	$\Phi_{1440}^{3}\ \Phi_{480}^{2}\ \Phi_{288}^{2}\ \Phi_{160}^{2}\ \Phi_{96}\ \Phi_{45}^{3}\ \Phi_{32}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
152900	1904	885	$\frac{1}{59}$	$\frac{1}{15}$	$\frac{58}{177}$	$\frac{7}{15}$	$\Phi_{885}^{2}\ \Phi_{295}^{2}\ \Phi_{177}^{3}\ \Phi_{59}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
152901	1904	885	$\frac{3}{59}$	$\frac{1}{15}$	$\frac{8}{59}$	$\frac{7}{15}$	$\Phi_{885}^{2}\ \Phi_{295}^{2}\ \Phi_{177}^{2}\ \Phi_{59}^{4}\ \Phi_{15}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
152902	1904	360	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{15}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{5}\ \Phi_{90}^{3}\ \Phi_{72}^{8}\ \Phi_{60}^{5}\ \Phi_{45}^{3}\ \Phi_{40}^{5}\ \Phi_{36}^{8}\ \Phi_{30}^{2}\ \Phi_{24}^{7}\ \Phi_{20}^{5}\ \Phi_{18}^{4}\ \Phi_{15}^{3}\ \Phi_{12}^{7}\ \Phi_{10}^{2}\ \Phi_{9}^{4}\ \Phi_{8}^{6}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
152903	1904	1903	$\frac{97}{1903}$	$\frac{129}{1903}$	$\frac{254}{1903}$	$\frac{887}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_{1}^{2}$
152904	1904	795	$\frac{5}{159}$	$\frac{11}{159}$	$\frac{1}{5}$	$\frac{74}{159}$	$\Phi_{795}^{3}\ \Phi_{265}^{3}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
152905	1904	1903	$\frac{41}{1903}$	$\frac{133}{1903}$	$\frac{509}{1903}$	$\frac{885}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_{1}^{2}$
152906	1904	2859	$\frac{15}{953}$	$\frac{67}{953}$	$\frac{1}{3}$	$\frac{443}{953}$	Φ_{2859}
152907	1904	897	$\frac{1}{69}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{897}^{2}\ \Phi_{299}^{2}\ \Phi_{69}^{4}\ \Phi_{39}\ \Phi_{23}^{4}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
152908	1904	585	$\frac{1}{45}$	$\frac{1}{13}$	$\frac{11}{45}$	$\frac{6}{13}$	$\Phi_{585}^{3}\ \Phi_{195}^{3}\ \Phi_{117}^{3}\ \Phi_{65}^{3}\ \Phi_{45}^{6}\ \Phi_{39}^{3}\ \Phi_{15}^{6}\ \Phi_{13}^{4}\ \Phi_{9}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
152909	1904	455	$\frac{1}{35}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{455}^{4}\ \Phi_{91}^{4}\ \Phi_{65}^{3}\ \Phi_{35}^{8}\ \Phi_{13}^{4}\ \Phi_{7}^{8}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
152910	1904	1053	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{13}{81}$	$\frac{6}{13}$	$\Phi_{1053}^{2}\ \Phi_{351}\ \Phi_{117}\ \Phi_{81}^{4}\ \Phi_{39}\ \Phi_{27}^{2}\ \Phi_{13}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
152911	1904	1144	$\frac{7}{143}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{6}{13}$	$\Phi_{1144}^{2}\ \Phi_{572}^{2}\ \Phi_{286}^{2}\ \Phi_{104}\ \Phi_{88}^{2}\ \Phi_{52}\ \Phi_{44}^{2}\ \Phi_{26}\ \Phi_{22}^{2}$
152912	1904	1755	$\frac{7}{135}$	$\frac{1}{13}$	$\frac{16}{135}$	$\frac{6}{13}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}\ \Phi_{135}^{2}\ \Phi_{117}\ \Phi_{65}\ \Phi_{45}^{2}\ \Phi_{39}\ \Phi_{27}^{2}\ \Phi_{15}^{2}\ \Phi_{13}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
152913	1904	234	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{6}{13}$	$\Phi_{234}^{8}\ \Phi_{117}^{7}\ \Phi_{78}^{8}\ \Phi_{39}^{7}\ \Phi_{26}^{8}\ \Phi_{18}^{16}\ \Phi_{13}^{8}\ \Phi_{9}^{14}\ \Phi_{6}^{16}\ \Phi_{3}^{14}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
152914	1904	975	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{7}{75}$	$\frac{6}{13}$	$\Phi_{975}^{2}\ \Phi_{325}^{2}\ \Phi_{195}\ \Phi_{75}^{4}\ \Phi_{65}\ \Phi_{39}\ \Phi_{25}^{4}\ \Phi_{15}^{2}\ \Phi_{13}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
152915	1904	504	$\frac{1}{21}$	$\frac{5}{63}$	$\frac{1}{8}$	$\frac{29}{63}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{168}^{5}\ \Phi_{126}^{4}\ \Phi_{84}^{5}\ \Phi_{72}^{4}\ \Phi_{56}^{5}\ \Phi_{42}^{5}\ \Phi_{36}^{4}\ \Phi_{28}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{4}\ \Phi_{14}^{5}\ \Phi_{12}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
152916	1904	3740	$\frac{1}{17}$	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{101}{220}$	$\Phi_{3740}\ \Phi_{748}\ \Phi_{340}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}$
152917	1904	1419	$\frac{6}{473}$	$\frac{1}{11}$	$\frac{467}{1419}$	$\frac{5}{11}$	$\Phi_{1419}^{2}\ \Phi_{129}^{2}\ \Phi_{33}^{2}\ \Phi_{11}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
152918	1904	121	$\frac{2}{121}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{121}^{16}\ \Phi_{11}^{13}\ \Phi_{1}^{14}$
152919	1904	3672	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{216}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
152920	1904	2001	$\frac{1}{69}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{2001}\ \Phi_{667}\ \Phi_{87}$
152921	1904	1903	$\frac{31}{1903}$	$\frac{205}{1903}$	$\frac{468}{1903}$	$\frac{849}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_{1}^{2}$
152922	1904	1903	$\frac{62}{1903}$	$\frac{205}{1903}$	$\frac{263}{1903}$	$\frac{849}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_{1}^{2}$
152923	1904	1215	$\frac{5}{243}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{1215}^{2}\ \Phi_{405}^{2}\ \Phi_{135}^{2}\ \Phi_{45}\ \Phi_{15}$
152924	1904	2034	$\frac{1}{18}$	$\frac{9}{113}$	$\frac{13}{113}$	$\frac{50}{113}$	$\Phi_{2034}\ \Phi_{1017}\ \Phi_{678}\ \Phi_{339}\ \Phi_{226}$
152925	1904	1903	$\frac{103}{1903}$	$\frac{152}{1903}$	$\frac{225}{1903}$	$\frac{839}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_{1}^{2}$
152926	1904	728	$\frac{3}{91}$	$\frac{11}{91}$	$\frac{1}{8}$	$\frac{40}{91}$	$\Phi_{728}^{3}\ \Phi_{364}^{3}\ \Phi_{182}^{3}\ \Phi_{104}^{3}\ \Phi_{56}^{3}\ \Phi_{52}^{3}\ \Phi_{28}^{3}\ \Phi_{26}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
152927	1904	1060	$\frac{1}{53}$	$\frac{13}{106}$	$\frac{1}{5}$	$\frac{93}{212}$	$\Phi_{1060}^{4}\ \Phi_{265}\ \Phi_{20}^{4}$
152928	1904	1995	$\frac{1}{35}$	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{25}{57}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{285}\ \Phi_{133}\ \Phi_{105}\ \Phi_{95}\ \Phi_{21}\ \Phi_{15}$
152929	1904	2176	$\frac{1}{17}$	$\frac{9}{128}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{544}\ \Phi_{136}\ \Phi_{68}\ \Phi_{34}$
152930	1904	1903	$\frac{63}{1903}$	$\frac{230}{1903}$	$\frac{239}{1903}$	$\frac{832}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_{1}^{2}$
152931	1904	2034	$\frac{1}{18}$	$\frac{8}{113}$	$\frac{15}{113}$	$\frac{49}{113}$	$\Phi_{2034}\ \Phi_{1017}\ \Phi_{678}\ \Phi_{339}\ \Phi_{226}$
152932	1904	3390	$\frac{1}{113}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{3390}\ \Phi_{1130}\ \Phi_{678}\ \Phi_{339}\ \Phi_{226}$
152933	1904	570	$\frac{1}{57}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{570}^{6}\ \Phi_{285}\ \Phi_{190}^{6}\ \Phi_{114}^{6}\ \Phi_{95}\ \Phi_{38}^{6}\ \Phi_{30}^{4}\ \Phi_{15}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{2}^{4}$
152934	1904	510	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{30}$	$\Phi_{510}^{7}\ \Phi_{255}\ \Phi_{170}^{7}\ \Phi_{102}^{7}\ \Phi_{85}\ \Phi_{51}\ \Phi_{34}^{7}$
152935	1904	1903	$\frac{104}{1903}$	$\frac{135}{1903}$	$\frac{257}{1903}$	$\frac{823}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_{1}^{2}$
152936	1904	2151	$\frac{8}{239}$	$\frac{1}{9}$	$\frac{33}{239}$	$\frac{103}{239}$	$\Phi_{2151}\ \Phi_{717}$
152937	1904	1903	$\frac{48}{1903}$	$\frac{265}{1903}$	$\frac{271}{1903}$	$\frac{819}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_{1}^{2}$
152938	1904	2385	$\frac{8}{477}$	$\frac{67}{477}$	$\frac{1}{5}$	$\frac{205}{477}$	$\Phi_{2385}\ \Phi_{795}\ \Phi_{265}\ \Phi_{45}\ \Phi_{15}$
152939	1904	1903	$\frac{20}{1903}$	$\frac{269}{1903}$	$\frac{543}{1903}$	$\frac{817}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_{1}^{2}$
152940	1904	2859	$\frac{8}{953}$	$\frac{135}{953}$	$\frac{1}{3}$	$\frac{409}{953}$	Φ_{2859}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
152941	1904	840	$\frac{1}{120}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^4\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^4$ $\Phi_{56}^2\ \Phi_{42}^2\ \Phi_{40}^4\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{28}^2\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_{10}^4$ $\Phi_8^4\ \Phi_7^2\ \Phi_6^4\ \Phi_5^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
152942	1904	1106	$\frac{1}{79}$	$\frac{1}{7}$	$\frac{39}{158}$	$\frac{3}{7}$	$\Phi_{1106}^2\ \Phi_{553}\ \Phi_{158}^4\ \Phi_{79}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
152943	1904	399	$\frac{1}{57}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{399}^5\ \Phi_{133}^5\ \Phi_{57}^4\ \Phi_{21}^3\ \Phi_{19}^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
152944	1904	553	$\frac{2}{79}$	$\frac{11}{79}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{553}^3\ \Phi_{79}^6\ \Phi_7^4\ \Phi_1^8$
152945	1904	280	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{280}^8\ \Phi_{140}^8\ \Phi_{70}^8\ \Phi_{56}^7\ \Phi_{40}^8\ \Phi_{28}^7\ \Phi_{20}^8\ \Phi_{14}^7\ \Phi_{10}^8\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6$
152946	1904	1659	$\frac{13}{237}$	$\frac{16}{237}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1659}\ \Phi_{553}\ \Phi_{237}^2\ \Phi_{79}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
152947	1904	630	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^6\ \Phi_{70}^3\ \Phi_{63}^2\ \Phi_{45}^6\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^6$ $\Phi_{21}\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{14}^2\ \Phi_{10}^6\ \Phi_9^4\ \Phi_7^2\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
152948	1904	495	$\frac{19}{495}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{45}^4\ \Phi_{33}^2\ \Phi_{15}^4\ \Phi_{11}\ \Phi_9^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^2$
152949	1904	936	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{19}{117}$	$\frac{49}{117}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^3\ \Phi_{234}^2\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{78}^3\ \Phi_{72}^2\ \Phi_{52}^3\ \Phi_{36}^2\ \Phi_{26}^3$ $\Phi_{24}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
152950	1904	1644	$\frac{1}{137}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{1644}^2\ \Phi_{548}^2\ \Phi_{411}$
152951	1904	2712	$\frac{1}{113}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{2712}\ \Phi_{904}\ \Phi_{678}\ \Phi_{339}\ \Phi_{226}$
152952	1904	3252	$\frac{3}{271}$	$\frac{1}{6}$	$\frac{67}{271}$	$\frac{5}{12}$	$\Phi_{3252}\ \Phi_{1084}\ \Phi_{271}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
152953	1904	1380	$\frac{1}{69}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1380}^3\ \Phi_{460}^3\ \Phi_{345}\ \Phi_{115}\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{15}$
152954	1904	3252	$\frac{7}{271}$	$\frac{33}{271}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3252}\ \Phi_{1084}\ \Phi_{271}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
152955	1904	1260	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1260}^3\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}^3\ \Phi_{180}^3\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{45}$ $\Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}$
152956	1904	3252	$\frac{15}{271}$	$\frac{16}{271}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3252}\ \Phi_{1084}\ \Phi_{271}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
152957	1904	612	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{612}^6\ \Phi_{306}\ \Phi_{204}^5\ \Phi_{153}\ \Phi_{102}\ \Phi_{68}^5\ \Phi_{51}\ \Phi_{34}$
152958	1904	2040	$\frac{1}{120}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}$ $\Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
152959	1904	3400	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{19}{100}$	$\frac{81}{200}$	$\Phi_{3400}\ \Phi_{680}\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{68}\ \Phi_{34}$
152960	1904	1595	$\frac{10}{319}$	$\frac{1}{11}$	$\frac{309}{1595}$	$\frac{643}{1595}$	$\Phi_{1595}\ \Phi_{319}^2\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}^2\ \Phi_{11}\ \Phi_5\ \Phi_1^2$
152961	1904	1370	$\frac{1}{137}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{1370}^2\ \Phi_{685}\ \Phi_{274}^2$
152962	1904	1140	$\frac{1}{57}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{285}\ \Phi_{228}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}\ \Phi_{76}^2\ \Phi_{60}^2\ \Phi_{38}^2$ $\Phi_{30}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
152963	1904	1596	$\frac{1}{57}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{1596}^2\ \Phi_{532}^2\ \Phi_{399}\ \Phi_{228}^2\ \Phi_{133}\ \Phi_{84}^2\ \Phi_{76}^2\ \Phi_{21}\ \Phi_{12}^2$
152964	1904	1903	$\frac{34}{1903}$	$\frac{267}{1903}$	$\frac{409}{1903}$	$\frac{747}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_1^2$
152965	1904	1557	$\frac{1}{173}$	$\frac{347}{1557}$	$\frac{172}{519}$	$\frac{605}{1557}$	$\Phi_{1557}\ \Phi_{519}^2\ \Phi_{173}\ \Phi_9\ \Phi_3^2\ \Phi_1^2$
152966	1904	1995	$\frac{1}{35}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{285}\ \Phi_{133}\ \Phi_{105}\ \Phi_{95}\ \Phi_{21}\ \Phi_{15}$
152967	1904	1903	$\frac{69}{1903}$	$\frac{131}{1903}$	$\frac{443}{1903}$	$\frac{730}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_1^2$
152968	1904	1903	$\frac{84}{1903}$	$\frac{107}{1903}$	$\frac{449}{1903}$	$\frac{727}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_1^2$
152969	1904	2034	$\frac{5}{113}$	$\frac{1}{18}$	$\frac{27}{113}$	$\frac{43}{113}$	$\Phi_{2034}\ \Phi_{1017}\ \Phi_{678}\ \Phi_{339}\ \Phi_{226}$
152970	1904	3264	$\frac{1}{24}$	$\frac{1}{17}$	$\frac{23}{96}$	$\frac{73}{192}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{408}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
152971	1904	2055	$\frac{5}{137}$	$\frac{1}{15}$	$\frac{33}{137}$	$\frac{52}{137}$	$\Phi_{2055}\ \Phi_{685}\ \Phi_{411}$
152972	1904	1903	$\frac{51}{1903}$	$\frac{169}{1903}$	$\frac{463}{1903}$	$\frac{720}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_1^2$
152973	1904	2184	$\frac{5}{273}$	$\frac{1}{8}$	$\frac{67}{273}$	$\frac{103}{273}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{312}\ \Phi_{182}\ \Phi_{168}\ \Phi_{156}\ \Phi_{104}$ $\Phi_{84}\ \Phi_{78}\ \Phi_{56}\ \Phi_{52}\ \Phi_{42}\ \Phi_{28}\ \Phi_{26}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
152974	1904	173	$\frac{1}{173}$	$\frac{43}{173}$	$\frac{54}{173}$	$\frac{65}{173}$	$\Phi_{173}^{11}\ \Phi_1^{12}$
152975	1904	2859	$\frac{5}{953}$	$\frac{237}{953}$	$\frac{1}{3}$	$\frac{358}{953}$	Φ_{2859}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
152976	1904	3060	$\frac{1}{30}$	$\frac{1}{17}$	$\frac{29}{90}$	$\frac{61}{180}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
152977	1904	717	$\frac{1}{239}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{717}^3\ \Phi_{239}^2$
152978	1904	1425	$\frac{3}{475}$	$\frac{118}{475}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1425}\ \Phi_{475}^2\ \Phi_{285}\ \Phi_{95}^2\ \Phi_{75}\ \Phi_{57}\ \Phi_{25}^2\ \Phi_{19}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
152979	1904	1233	$\frac{1}{137}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1233}^2\ \Phi_{411}$
152980	1904	120	$\frac{1}{120}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^{16}\ \Phi_{60}^{16}\ \Phi_{40}^{16}\ \Phi_{30}^{16}\ \Phi_{24}^{16}\ \Phi_{20}^{16}\ \Phi_{15}^{15}\ \Phi_{12}^{16}\ \Phi_{10}^{16}\ \Phi_8^{16}\ \Phi_6^{16}\ \Phi_5^{14}\ \Phi_4^{16}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{16}$
152981	1904	285	$\frac{1}{95}$	$\frac{47}{285}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{285}^7\ \Phi_{95}^6\ \Phi_{57}^7\ \Phi_{19}^6\ \Phi_{15}^7\ \Phi_5^6\ \Phi_3^8\ \Phi_1^8$
152982	1904	1425	$\frac{6}{475}$	$\frac{67}{475}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1425}\ \Phi_{475}^2\ \Phi_{285}\ \Phi_{95}^2\ \Phi_{75}\ \Phi_{57}\ \Phi_{25}^2\ \Phi_{19}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
152983	1904	552	$\frac{1}{69}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{552}^4\ \Phi_{276}^4\ \Phi_{184}^4\ \Phi_{138}^4\ \Phi_{92}^4\ \Phi_{46}^4\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
152984	1904	1425	$\frac{13}{475}$	$\frac{33}{475}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1425}\ \Phi_{475}^2\ \Phi_{285}\ \Phi_{95}^2\ \Phi_{75}\ \Phi_{57}\ \Phi_{25}^2\ \Phi_{19}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
152985	1904	105	$\frac{1}{35}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^{19}\ \Phi_{35}^{18}\ \Phi_{21}^{19}\ \Phi_{15}^{15}\ \Phi_7^{18}\ \Phi_5^{14}\ \Phi_3^{16}\ \Phi_1^{16}$
152986	1904	1425	$\frac{16}{475}$	$\frac{27}{475}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1425}\ \Phi_{475}^2\ \Phi_{285}\ \Phi_{95}^2\ \Phi_{75}\ \Phi_{57}\ \Phi_{25}^2\ \Phi_{19}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
152987	1904	522	$\frac{1}{29}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{522}^4\ \Phi_{261}^4\ \Phi_{174}^4\ \Phi_{87}^3\ \Phi_{58}^4\ \Phi_{29}^2$
152988	1904	741	$\frac{9}{247}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{741}^2\ \Phi_{247}^4\ \Phi_{57}\ \Phi_{39}^2\ \Phi_{19}^2\ \Phi_{13}^4\ \Phi_3^2\ \Phi_1^4$
152989	1904	375	$\frac{1}{25}$	$\frac{6}{125}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{375}^4\ \Phi_{125}^8\ \Phi_{75}^3\ \Phi_{25}^6\ \Phi_{15}^3\ \Phi_5^6\ \Phi_3^4\ \Phi_1^8$
152990	1904	3555	$\frac{2}{237}$	$\frac{1}{5}$	$\frac{235}{711}$	$\frac{1}{3}$	$\Phi_{3555}\ \Phi_{45}\ \Phi_{15}$
152991	1904	3240	$\frac{2}{135}$	$\frac{1}{8}$	$\frac{133}{405}$	$\frac{1}{3}$	$\Phi_{3240}\ \Phi_{1620}\ \Phi_{810}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
152992	1904	531	$\frac{1}{59}$	$\frac{1}{9}$	$\frac{58}{177}$	$\frac{1}{3}$	$\Phi_{531}^4\ \Phi_{177}^3\ \Phi_{59}^2\ \Phi_9^6\ \Phi_3^4\ \Phi_1^4$
152993	1904	2871	$\frac{1}{29}$	$\frac{2}{33}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{2871}\ \Phi_{261}\ \Phi_{87}$
152994	1904	2835	$\frac{1}{35}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{2835}\ \Phi_{567}\ \Phi_{405}\ \Phi_{105}\ \Phi_{21}\ \Phi_{15}$
152995	1904	456	$\frac{1}{57}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{456}^4\ \Phi_{228}^4\ \Phi_{152}^4\ \Phi_{114}^4\ \Phi_{76}^4\ \Phi_{57}^6\ \Phi_{38}^4\ \Phi_{24}^3\ \Phi_{19}^6\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
152996	1904	1140	$\frac{1}{57}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{60}\ \Phi_{57}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{19}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
152997	1904	2439	$\frac{3}{271}$	$\frac{2}{9}$	$\frac{67}{271}$	$\frac{1}{3}$	$\Phi_{2439}\ \Phi_{271}\ \Phi_9^2\ \Phi_1^2$
152998	1904	2370	$\frac{1}{79}$	$\frac{1}{5}$	$\frac{39}{158}$	$\frac{1}{3}$	$\Phi_{2370}^2\ \Phi_{1185}\ \Phi_{30}^2\ \Phi_{15}^2$
152999	1904	360	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{11}{45}$	$\frac{1}{3}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^6\ \Phi_{90}^6\ \Phi_{72}^6\ \Phi_{60}^6\ \Phi_{40}^6\ \Phi_{36}^6\ \Phi_{30}^6\ \Phi_{24}^7\ \Phi_{20}^6\ \Phi_{18}^6\ \Phi_{12}^7\ \Phi_{10}^6\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
153000	1904	2859	$\frac{25}{953}$	$\frac{103}{953}$	$\frac{232}{953}$	$\frac{1}{3}$	Φ_{2859}
153001	1904	1005	$\frac{3}{67}$	$\frac{1}{15}$	$\frac{16}{67}$	$\frac{1}{3}$	$\Phi_{1005}^2\ \Phi_{335}^2\ \Phi_{201}\ \Phi_{67}^2\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
153002	1904	2652	$\frac{2}{39}$	$\frac{1}{17}$	$\frac{37}{156}$	$\frac{1}{3}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{884}\ \Phi_{442}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
153003	1904	990	$\frac{3}{55}$	$\frac{1}{18}$	$\frac{13}{55}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_9^4\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
153004	1904	2859	$\frac{52}{953}$	$\frac{53}{953}$	$\frac{225}{953}$	$\frac{1}{3}$	Φ_{2859}
153005	1904	2859	$\frac{43}{953}$	$\frac{65}{953}$	$\frac{222}{953}$	$\frac{1}{3}$	Φ_{2859}
153006	1904	1914	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{1914}^2\ \Phi_{957}\ \Phi_{174}^2\ \Phi_{87}^2$
153007	1904	1035	$\frac{1}{69}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1035}^3\ \Phi_{345}\ \Phi_{115}\ \Phi_{45}^2\ \Phi_{15}$
153008	1904	2232	$\frac{7}{279}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{744}\ \Phi_{558}\ \Phi_{372}\ \Phi_{248}\ \Phi_{186}\ \Phi_{124}\ \Phi_{62}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
153009	1904	2439	$\frac{7}{271}$	$\frac{33}{271}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2439}\ \Phi_{271}\ \Phi_9^2\ \Phi_1^2$
153010	1904	315	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{315}^6\ \Phi_{105}^7\ \Phi_{63}^6\ \Phi_{45}^6\ \Phi_{35}^6\ \Phi_{21}^7\ \Phi_{15}^7\ \Phi_7^6\ \Phi_5^6$
153011	1904	2439	$\frac{15}{271}$	$\frac{16}{271}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2439}\ \Phi_{271}\ \Phi_9^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
153012	1904	306	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{306}^{7}\ \Phi_{153}^{6}\ \Phi_{102}^{7}\ \Phi_{51}^{7}\ \Phi_{34}^{7}\ \Phi_{17}^{6}$
153013	1904	2859	$\frac{22}{953}$	$\frac{133}{953}$	$\frac{205}{953}$	$\frac{1}{3}$	Φ_{2859}
153014	1904	1185	$\frac{2}{79}$	$\frac{11}{79}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1185}^{3}\ \Phi_{15}^{4}$
153015	1904	840	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{840}^{4}\ \Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{168}^{4}\ \Phi_{120}^{3}\ \Phi_{84}^{4}\ \Phi_{60}^{3}\ \Phi_{42}^{4}\ \Phi_{30}^{3}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}$
153016	1904	1185	$\frac{13}{237}$	$\frac{16}{237}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1185}^{2}\ \Phi_{395}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
153017	1904	90	$\frac{1}{18}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{90}^{22}\ \Phi_{45}^{22}\ \Phi_{30}^{22}\ \Phi_{18}^{24}\ \Phi_{15}^{15}\ \Phi_{10}^{22}\ \Phi_{9}^{24}\ \Phi_{6}^{24}\ \Phi_{5}^{14}\ \Phi_{3}^{16}\ \Phi_{2}^{24}\ \Phi_{1}^{16}$
153018	1904	648	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{13}{81}$	$\frac{1}{3}$	$\Phi_{648}^{4}\ \Phi_{324}^{4}\ \Phi_{216}^{2}\ \Phi_{162}^{4}\ \Phi_{108}^{2}\ \Phi_{72}^{2}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{3}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
153019	1904	198	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{3}$	$\Phi_{198}^{10}\ \Phi_{99}^{10}\ \Phi_{66}^{10}\ \Phi_{33}^{7}\ \Phi_{22}^{10}\ \Phi_{18}^{12}\ \Phi_{11}^{6}\ \Phi_{9}^{12}\ \Phi_{6}^{12}\ \Phi_{3}^{8}\ \Phi_{2}^{12}\ \Phi_{1}^{8}$
153020	1904	2520	$\frac{2}{45}$	$\frac{1}{8}$	$\frac{43}{315}$	$\frac{1}{3}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{420}\ \Phi_{280}\ \Phi_{252}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{126}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
153021	1904	531	$\frac{3}{59}$	$\frac{1}{9}$	$\frac{8}{59}$	$\frac{1}{3}$	$\Phi_{531}^{4}\ \Phi_{177}^{2}\ \Phi_{59}^{4}\ \Phi_{9}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
153022	1904	2859	$\frac{50}{953}$	$\frac{103}{953}$	$\frac{129}{953}$	$\frac{1}{3}$	Φ_{2859}
153023	1904	2280	$\frac{13}{285}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{456}\ \Phi_{380}\ \Phi_{228}\ \Phi_{190}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{38}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
153024	1904	990	$\frac{1}{18}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{1}{3}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{330}^{2}\ \Phi_{198}^{2}\ \Phi_{165}\ \Phi_{110}^{2}\ \Phi_{99}^{2}\ \Phi_{90}^{2}\ \Phi_{66}^{2}\ \Phi_{55}^{2}\ \Phi_{45}^{2}\ \Phi_{33}\ \Phi_{30}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{4}\ \Phi_{15}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
153025	1904	2859	$\frac{49}{953}$	$\frac{113}{953}$	$\frac{120}{953}$	$\frac{1}{3}$	Φ_{2859}
153026	1904	1080	$\frac{7}{135}$	$\frac{16}{135}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{270}^{2}\ \Phi_{216}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{108}^{2}\ \Phi_{90}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{54}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
153027	1904	72	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{72}^{30}\ \Phi_{36}^{30}\ \Phi_{24}^{31}\ \Phi_{18}^{14}\ \Phi_{12}^{31}\ \Phi_{9}^{16}\ \Phi_{8}^{30}\ \Phi_{6}^{15}\ \Phi_{4}^{30}\ \Phi_{3}^{16}\ \Phi_{2}^{14}\ \Phi_{1}^{16}$
153028	1904	600	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{600}^{4}\ \Phi_{300}^{4}\ \Phi_{200}^{4}\ \Phi_{150}^{4}\ \Phi_{120}^{2}\ \Phi_{100}^{4}\ \Phi_{60}^{2}\ \Phi_{50}^{4}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{20}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
153029	1904	2376	$\frac{2}{27}$	$\frac{25}{297}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{594}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{6}$
153030	1904	885	$\frac{1}{59}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{58}{177}$	$\Phi_{885}^{3}\ \Phi_{177}^{4}\ \Phi_{15}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
153031	1904	2808	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{79}{351}$	$\frac{38}{117}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{312}\ \Phi_{216}\ \Phi_{156}\ \Phi_{108}\ \Phi_{104}\ \Phi_{78}\ \Phi_{54}\ \Phi_{52}\ \Phi_{26}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
153032	1904	1755	$\frac{4}{117}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{113}{351}$	$\Phi_{1755}^{2}\ \Phi_{135}^{2}\ \Phi_{45}\ \Phi_{15}$
153033	1904	330	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{53}{165}$	$\Phi_{330}^{11}\ \Phi_{165}^{6}\ \Phi_{66}^{11}\ \Phi_{33}^{6}\ \Phi_{30}^{11}\ \Phi_{22}^{2}\ \Phi_{15}^{6}\ \Phi_{11}\ \Phi_{6}^{11}\ \Phi_{3}^{6}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
153034	1904	3192	$\frac{6}{133}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{127}{399}$	$\Phi_{3192}\ \Phi_{1596}\ \Phi_{798}\ \Phi_{456}\ \Phi_{228}\ \Phi_{168}\ \Phi_{114}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
153035	1904	2520	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{43}{315}$	$\frac{20}{63}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{210}\ \Phi_{180}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{90}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
153036	1904	99	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{31}{99}$	$\Phi_{99}^{28}\ \Phi_{33}^{2}\ \Phi_{11}\ \Phi_{9}^{28}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
153037	1904	2448	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{25}{144}$	$\frac{11}{36}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}$
153038	1904	627	$\frac{23}{627}$	$\frac{1}{11}$	$\frac{151}{627}$	$\frac{10}{33}$	$\Phi_{627}^{3}\ \Phi_{209}^{3}\ \Phi_{57}^{3}\ \Phi_{33}^{4}\ \Phi_{19}^{3}\ \Phi_{11}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
153039	1904	495	$\frac{19}{495}$	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{495}^{4}\ \Phi_{165}^{4}\ \Phi_{99}^{3}\ \Phi_{55}^{4}\ \Phi_{45}^{4}\ \Phi_{33}^{4}\ \Phi_{15}^{4}\ \Phi_{11}^{3}\ \Phi_{9}^{3}\ \Phi_{5}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
153040	1904	1560	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{1}{8}$	$\frac{59}{195}$	$\Phi_{1560}^{2}\ \Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{312}^{2}\ \Phi_{156}^{2}\ \Phi_{120}^{2}\ \Phi_{104}\ \Phi_{78}^{2}\ \Phi_{60}^{2}\ \Phi_{52}\ \Phi_{30}^{2}\ \Phi_{26}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
153041	1904	888	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{9}{37}$	$\frac{7}{24}$	$\Phi_{888}^{3}\ \Phi_{444}^{3}\ \Phi_{222}^{3}\ \Phi_{111}^{3}\ \Phi_{37}^{3}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
153042	1904	3480	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{3480}\ \Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{145}$
153043	1904	888	$\frac{2}{37}$	$\frac{1}{8}$	$\frac{5}{37}$	$\frac{7}{24}$	$\Phi_{888}^{3}\ \Phi_{444}^{3}\ \Phi_{222}^{3}\ \Phi_{111}^{3}\ \Phi_{37}^{3}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
153044	1904	408	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{408}^{7}\ \Phi_{204}^{7}\ \Phi_{136}\ \Phi_{102}^{7}\ \Phi_{68}\ \Phi_{51}^{7}\ \Phi_{34}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
153045	1904	888	$\frac{7}{111}$	$\frac{13}{111}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{888}^{2}\ \Phi_{444}^{2}\ \Phi_{296}^{2}\ \Phi_{222}^{2}\ \Phi_{148}^{2}\ \Phi_{111}^{3}\ \Phi_{74}^{2}\ \Phi_{37}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
153046	1904	360	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{4}\ \Phi_{90}^{6}\ \Phi_{72}^{4}\ \Phi_{60}^{4}\ \Phi_{45}^{9}\ \Phi_{40}^{4}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{3}\ \Phi_{20}^{4}\ \Phi_{18}^{4}\ \Phi_{15}^{6}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{9}^{6}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
153047	1904	1512	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{10}{63}$	$\frac{53}{189}$	$\Phi_{1512}^{2}\ \Phi_{756}^{2}\ \Phi_{378}^{2}\ \Phi_{216}^{2}\ \Phi_{168}\ \Phi_{108}^{2}\ \Phi_{84}\ \Phi_{56}\ \Phi_{54}^{2}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
153048	1904	473	$\frac{9}{473}$	$\frac{2}{11}$	$\frac{116}{473}$	$\frac{3}{11}$	$\Phi_{473}^{4}\ \Phi_{43}^{4}\ \Phi_{11}^{5}\ \Phi_{1}^{6}$
153049	1904	855	$\frac{1}{57}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{855}^{3}\ \Phi_{285}\ \Phi_{171}^{3}\ \Phi_{95}\ \Phi_{45}^{2}\ \Phi_{15}\ \Phi_{9}^{2}$
153050	1904	665	$\frac{1}{35}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{665}^{3}\ \Phi_{133}^{3}\ \Phi_{95}^{3}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}$
153051	1904	728	$\frac{3}{91}$	$\frac{1}{8}$	$\frac{22}{91}$	$\frac{23}{91}$	$\Phi_{728}^{3}\ \Phi_{364}^{3}\ \Phi_{182}^{3}\ \Phi_{104}^{3}\ \Phi_{56}^{3}\ \Phi_{52}^{3}\ \Phi_{28}^{3}\ \Phi_{26}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
153052	1904	795	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{13}{53}$	$\frac{40}{159}$	$\Phi_{795}^{4}\ \Phi_{265}\ \Phi_{15}^{4}$
153053	1904	740	$\frac{1}{37}$	$\frac{3}{20}$	$\frac{9}{37}$	$\frac{1}{4}$	$\Phi_{740}^{3}\ \Phi_{370}^{3}\ \Phi_{185}^{3}\ \Phi_{37}^{3}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
153054	1904	580	$\frac{1}{29}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{580}^{3}\ \Phi_{290}^{3}\ \Phi_{145}^{4}\ \Phi_{116}^{4}\ \Phi_{58}^{4}\ \Phi_{29}^{4}$
153055	1904	740	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{740}^{3}\ \Phi_{370}^{3}\ \Phi_{185}^{3}\ \Phi_{37}^{3}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
153056	1904	680	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{680}^{4}\ \Phi_{340}^{3}\ \Phi_{170}^{3}\ \Phi_{136}\ \Phi_{85}^{3}\ \Phi_{68}\ \Phi_{34}$
153057	1904	2220	$\frac{7}{111}$	$\frac{13}{111}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{740}\ \Phi_{555}\ \Phi_{370}\ \Phi_{185}\ \Phi_{111}\ \Phi_{60}\ \Phi_{37}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
153058	1904	180	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{60}^{7}\ \Phi_{45}^{14}\ \Phi_{36}^{12}\ \Phi_{30}^{7}\ \Phi_{20}^{8}\ \Phi_{18}^{12}\ \Phi_{15}^{9}\ \Phi_{12}^{8}\ \Phi_{10}^{8}\ \Phi_{9}^{14}\ \Phi_{6}^{8}\ \Phi_{5}^{10}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
153059	1904	603	$\frac{3}{67}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{16}{67}$	$\Phi_{603}^{3}\ \Phi_{201}^{3}\ \Phi_{67}^{4}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
153060	1904	2680	$\frac{3}{67}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{16}{67}$	$\Phi_{2680}\ \Phi_{1340}\ \Phi_{670}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
153061	1904	1903	$\frac{87}{1903}$	$\frac{207}{1903}$	$\frac{424}{1903}$	$\frac{454}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_{1}^{2}$
153062	1904	168	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{4}{21}$	$\frac{5}{21}$	$\Phi_{168}^{13}\ \Phi_{84}^{13}\ \Phi_{56}^{13}\ \Phi_{42}^{13}\ \Phi_{28}^{13}\ \Phi_{24}^{13}\ \Phi_{14}^{13}\ \Phi_{12}^{13}\ \Phi_{8}^{12}\ \Phi_{6}^{13}\ \Phi_{4}^{12}\ \Phi_{2}^{12}$
153063	1904	173	$\frac{9}{173}$	$\frac{20}{173}$	$\frac{33}{173}$	$\frac{41}{173}$	$\Phi_{173}^{11}\ \Phi_{1}^{12}$
153064	1904	2385	$\frac{25}{477}$	$\frac{52}{477}$	$\frac{1}{5}$	$\frac{113}{477}$	$\Phi_{2385}\ \Phi_{795}\ \Phi_{265}\ \Phi_{45}\ \Phi_{15}$
153065	1904	110	$\frac{3}{55}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{13}{55}$	$\Phi_{110}^{22}\ \Phi_{55}^{12}\ \Phi_{22}^{24}\ \Phi_{11}^{13}\ \Phi_{10}^{22}\ \Phi_{5}^{12}\ \Phi_{2}^{24}\ \Phi_{1}^{14}$
153066	1904	312	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{5}{39}$	$\frac{3}{13}$	$\Phi_{312}^{8}\ \Phi_{156}^{8}\ \Phi_{104}^{5}\ \Phi_{78}^{8}\ \Phi_{52}^{5}\ \Phi_{26}^{5}\ \Phi_{24}^{8}\ \Phi_{12}^{8}\ \Phi_{8}^{4}\ \Phi_{6}^{8}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
153067	1904	330	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{22}$	$\Phi_{330}^{8}\ \Phi_{165}^{4}\ \Phi_{110}^{6}\ \Phi_{66}^{8}\ \Phi_{55}^{3}\ \Phi_{33}^{4}\ \Phi_{30}^{8}\ \Phi_{22}^{8}\ \Phi_{15}^{8}\ \Phi_{11}^{4}\ \Phi_{10}^{6}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
153068	1904	242	$\frac{9}{121}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{22}$	$\Phi_{242}^{11}\ \Phi_{121}^{6}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
153069	1904	66	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{5}{22}$	$\Phi_{66}^{44}\ \Phi_{33}^{24}\ \Phi_{22}^{24}\ \Phi_{11}^{13}\ \Phi_{6}^{44}\ \Phi_{3}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{14}$
153070	1904	110	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{5}{22}$	$\Phi_{110}^{22}\ \Phi_{55}^{12}\ \Phi_{22}^{24}\ \Phi_{11}^{13}\ \Phi_{10}^{22}\ \Phi_{5}^{12}\ \Phi_{2}^{24}\ \Phi_{1}^{14}$
153071	1904	792	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{5}{22}$	$\Phi_{792}^{3}\ \Phi_{396}^{3}\ \Phi_{264}^{3}\ \Phi_{198}\ \Phi_{132}^{3}\ \Phi_{99}^{2}\ \Phi_{72}^{4}\ \Phi_{66}\ \Phi_{36}^{4}\ \Phi_{33}^{2}\ \Phi_{24}^{4}\ \Phi_{18}^{2}\ \Phi_{12}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
153072	1904	90	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{90}^{28}\ \Phi_{45}^{25}\ \Phi_{30}^{28}\ \Phi_{15}^{25}\ \Phi_{10}^{28}\ \Phi_{5}^{24}$
153073	1904	2034	$\frac{1}{18}$	$\frac{13}{113}$	$\frac{22}{113}$	$\frac{25}{113}$	$\Phi_{2034}\ \Phi_{1017}\ \Phi_{678}\ \Phi_{339}\ \Phi_{226}$
153074	1904	1903	$\frac{90}{1903}$	$\frac{259}{1903}$	$\frac{373}{1903}$	$\frac{411}{1903}$	$\Phi_{1903}\ \Phi_{173}\ \Phi_{11}\ \Phi_{1}^{2}$
153075	1904	2385	$\frac{22}{477}$	$\frac{65}{477}$	$\frac{1}{5}$	$\frac{103}{477}$	$\Phi_{2385}\ \Phi_{795}\ \Phi_{265}\ \Phi_{45}\ \Phi_{15}$
153076	1904	132	$\frac{1}{11}$	$\frac{13}{132}$	$\frac{5}{33}$	$\frac{7}{33}$	$\Phi_{132}^{16}\ \Phi_{66}^{16}\ \Phi_{44}^{16}\ \Phi_{33}^{10}\ \Phi_{22}^{16}\ \Phi_{12}^{16}\ \Phi_{11}^{9}\ \Phi_{6}^{16}\ \Phi_{4}^{16}\ \Phi_{3}^{10}\ \Phi_{2}^{16}\ \Phi_{1}^{10}$
153077	1904	295	$\frac{3}{59}$	$\frac{8}{59}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{295}^{6}\ \Phi_{59}^{8}\ \Phi_{5}^{9}\ \Phi_{1}^{12}$
153078	1904	360	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{6}\ \Phi_{90}^{3}\ \Phi_{72}^{8}\ \Phi_{60}^{6}\ \Phi_{45}^{3}\ \Phi_{40}^{3}\ \Phi_{36}^{8}\ \Phi_{30}^{3}\ \Phi_{24}^{8}\ \Phi_{20}^{3}\ \Phi_{18}^{4}\ \Phi_{15}^{3}\ \Phi_{12}^{8}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
153079	1904	585	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{109}{585}$	$\frac{1}{5}$	$\Phi_{585}^{3}\ \Phi_{195}^{3}\ \Phi_{117}^{4}\ \Phi_{65}^{3}\ \Phi_{45}^{4}\ \Phi_{39}^{4}\ \Phi_{15}^{4}\ \Phi_{13}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
153080	1904	2600	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{53}{325}$	$\frac{12}{65}$	$\Phi_{2600}\ \Phi_{1300}\ \Phi_{650}\ \Phi_{200}\ \Phi_{104}\ \Phi_{100}\ \Phi_{52}\ \Phi_{50}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
153081	1904	231	$\frac{1}{11}$	$\frac{9}{77}$	$\frac{5}{33}$	$\frac{2}{11}$	$\Phi_{231}^{11}\ \Phi_{77}^{6}\ \Phi_{33}^{2}\ \Phi_{21}^{11}\ \Phi_{11}\ \Phi_{7}^{6}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
153082	1904	312	$\frac{4}{39}$	$\frac{1}{8}$	$\frac{5}{39}$	$\frac{7}{39}$	$\Phi_{312}^{7}\ \Phi_{156}^{7}\ \Phi_{104}^{7}\ \Phi_{78}^{7}\ \Phi_{52}^{7}\ \Phi_{26}^{7}\ \Phi_{24}^{7}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
153083	1904	165	$\frac{1}{11}$	$\frac{4}{33}$	$\frac{5}{33}$	$\frac{29}{165}$	$\Phi_{165}^{14}\ \Phi_{55}^{14}\ \Phi_{33}^{2}\ \Phi_{15}^{14}\ \Phi_{11}\ \Phi_{5}^{14}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
153084	1905	760	$\frac{1}{380}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{379}{760}$	$\Phi_{760}\ \Phi_{380}^{4}\ \Phi_{190}^{4}\ \Phi_{152}\ \Phi_{95}^{4}\ \Phi_{76}^{4}\ \Phi_{40}\ \Phi_{38}^{4}\ \Phi_{20}^{4}\ \Phi_{19}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{2}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
153085	1905	2532	$\frac{2}{633}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{631}{1266}$	$\Phi_{2532}\ \Phi_{844}\ \Phi_{633}\ \Phi_{211}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
153086	1905	1088	$\frac{1}{272}$	$\frac{91}{544}$	$\frac{453}{1088}$	$\frac{271}{544}$	$\Phi_{1088}^{3}\ \Phi_{544}\ \Phi_{64}^{3}\ \Phi_{32}\ \Phi_{1}$
153087	1905	848	$\frac{1}{212}$	$\frac{1}{4}$	$\frac{213}{848}$	$\frac{211}{424}$	$\Phi_{848}^{3}\ \Phi_{212}^{3}\ \Phi_{106}^{3}\ \Phi_{53}^{3}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153088	1905	1264	$\frac{3}{632}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{629}{1264}$	$\Phi_{1264}^{3}\ \Phi_{16}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153089	1905	252	$\frac{1}{126}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{125}{252}$	$\Phi_{252}\ \Phi_{126}^{14}\ \Phi_{84}\ \Phi_{63}^{14}\ \Phi_{42}^{14}\ \Phi_{36}\ \Phi_{28}^{2}\ \Phi_{21}^{14}\ \Phi_{18}^{14}\ \Phi_{14}^{14}\ \Phi_{12}\ \Phi_{9}^{14}\ \Phi_{7}^{14}\ \Phi_{6}^{14}\ \Phi_{4}^{2}\ \Phi_{3}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
153090	1905	252	$\frac{1}{126}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{125}{252}$	$\Phi_{252}^{15}\ \Phi_{84}^{15}\ \Phi_{36}^{15}\ \Phi_{28}^{15}\ \Phi_{12}^{15}\ \Phi_{7}^{2}\ \Phi_{4}^{15}\ \Phi_{1}^{3}$
153091	1905	252	$\frac{1}{126}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{125}{252}$	$\Phi_{252}^{5}\ \Phi_{126}^{10}\ \Phi_{84}^{5}\ \Phi_{63}^{10}\ \Phi_{42}^{10}\ \Phi_{36}^{5}\ \Phi_{28}^{5}\ \Phi_{21}^{10}\ \Phi_{18}^{10}\ \Phi_{14}^{10}\ \Phi_{12}^{7}\ \Phi_{9}^{10}\ \Phi_{7}^{10}\ \Phi_{6}^{11}\ \Phi_{4}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
153092	1905	3584	$\frac{1}{112}$	$\frac{113}{1792}$	$\frac{1679}{3584}$	$\frac{111}{224}$	$\Phi_{3584}\ \Phi_{512}\ \Phi_{224}\ \Phi_{32}\ \Phi_{1}$
153093	1905	896	$\frac{1}{112}$	$\frac{113}{896}$	$\frac{261}{896}$	$\frac{111}{224}$	$\Phi_{896}^{2}\ \Phi_{448}^{2}\ \Phi_{224}^{3}\ \Phi_{128}^{2}\ \Phi_{112}^{2}\ \Phi_{64}^{2}\ \Phi_{56}^{2}\ \Phi_{32}^{3}\ \Phi_{28}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153094	1905	448	$\frac{1}{112}$	$\frac{67}{448}$	$\frac{113}{448}$	$\frac{111}{224}$	$\Phi_{448}^{4}\ \Phi_{224}^{5}\ \Phi_{112}^{4}\ \Phi_{64}^{4}\ \Phi_{56}^{4}\ \Phi_{32}^{5}\ \Phi_{28}^{4}\ \Phi_{16}^{4}\ \Phi_{14}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
153095	1905	3776	$\frac{17}{1888}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{1871}{3776}$	$\Phi_{3776}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
153096	1905	2548	$\frac{6}{637}$	$\frac{1}{7}$	$\frac{643}{2548}$	$\frac{631}{1274}$	$\Phi_{2548}\ \Phi_{637}\ \Phi_{364}\ \Phi_{196}\ \Phi_{91}\ \Phi_{52}\ \Phi_{49}\ \Phi_{28}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
153097	1905	424	$\frac{3}{212}$	$\frac{43}{424}$	$\frac{1}{4}$	$\frac{209}{424}$	$\Phi_{424}^{4}\ \Phi_{212}^{5}\ \Phi_{106}^{5}\ \Phi_{53}^{5}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
153098	1905	1248	$\frac{11}{624}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{613}{1248}$	$\Phi_{1248}^{3}\ \Phi_{416}^{3}\ \Phi_{96}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153099	1905	1248	$\frac{11}{624}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{613}{1248}$	$\Phi_{1248}^{3}\ \Phi_{416}^{3}\ \Phi_{96}^{3}\ \Phi_{32}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153100	1905	748	$\frac{7}{374}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{367}{748}$	$\Phi_{748}^{5}\ \Phi_{68}^{5}\ \Phi_{44}^{5}\ \Phi_{17}^{2}\ \Phi_{4}^{5}\ \Phi_{1}^{3}$
153101	1905	728	$\frac{2}{91}$	$\frac{93}{728}$	$\frac{1}{7}$	$\frac{89}{182}$	$\Phi_{728}^{3}\ \Phi_{364}^{3}\ \Phi_{104}^{3}\ \Phi_{91}^{3}\ \Phi_{56}^{3}\ \Phi_{52}^{3}\ \Phi_{28}^{3}\ \Phi_{13}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
153102	1905	3724	$\frac{43}{1862}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1819}{3724}$	$\Phi_{3724}\ \Phi_{532}\ \Phi_{196}\ \Phi_{76}\ \Phi_{49}\ \Phi_{28}\ \Phi_{4}\ \Phi_{1}$
153103	1905	512	$\frac{3}{128}$	$\frac{1}{16}$	$\frac{131}{512}$	$\frac{125}{256}$	$\Phi_{512}^{5}\ \Phi_{128}^{5}\ \Phi_{64}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
153104	1905	496	$\frac{3}{124}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{121}{248}$	$\Phi_{496}^{4}\ \Phi_{248}^{3}\ \Phi_{124}^{4}\ \Phi_{62}^{4}\ \Phi_{31}^{4}\ \Phi_{16}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
153105	1905	3712	$\frac{49}{1856}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1807}{3712}$	$\Phi_{3712}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
153106	1905	1232	$\frac{19}{616}$	$\frac{1}{28}$	$\frac{9}{28}$	$\frac{597}{1232}$	$\Phi_{1232}^{3}\ \Phi_{176}^{3}\ \Phi_{112}^{3}\ \Phi_{28}^{2}\ \Phi_{16}^{3}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153107	1905	736	$\frac{13}{368}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{355}{736}$	$\Phi_{736}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
153108	1905	1224	$\frac{1}{34}$	$\frac{23}{612}$	$\frac{11}{34}$	$\frac{589}{1224}$	$\Phi_{1224}^{3}\ \Phi_{408}^{3}\ \Phi_{136}^{3}\ \Phi_{72}^{3}\ \Phi_{34}^{2}\ \Phi_{24}^{3}\ \Phi_{17}^{2}\ \Phi_{8}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153109	1905	768	$\frac{5}{128}$	$\frac{1}{16}$	$\frac{133}{768}$	$\frac{123}{256}$	$\Phi_{768}^{3}\ \Phi_{384}^{3}\ \Phi_{192}^{3}\ \Phi_{128}^{3}\ \Phi_{96}^{3}\ \Phi_{64}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153110	1905	686	$\frac{2}{49}$	$\frac{51}{686}$	$\frac{1}{7}$	$\frac{47}{98}$	$\Phi_{686}^{3}\ \Phi_{343}^{3}\ \Phi_{49}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
153111	1905	2576	$\frac{1}{28}$	$\frac{27}{644}$	$\frac{671}{2576}$	$\frac{617}{1288}$	$\Phi_{2576}\ \Phi_{644}\ \Phi_{368}\ \Phi_{322}\ \Phi_{161}\ \Phi_{112}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_{1}$
153112	1905	1216	$\frac{27}{608}$	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{581}{1216}$	$\Phi_{1216}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153113	1905	728	$\frac{17}{364}$	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{347}{728}$	$\Phi_{728}^{5}\ \Phi_{104}^{5}\ \Phi_{91}\ \Phi_{56}^{5}\ \Phi_{13}\ \Phi_{8}^{5}\ \Phi_{1}$
153114	1905	2584	$\frac{1}{34}$	$\frac{33}{646}$	$\frac{679}{2584}$	$\frac{613}{1292}$	$\Phi_{2584}\ \Phi_{646}\ \Phi_{323}\ \Phi_{152}\ \Phi_{136}\ \Phi_{38}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
153115	1905	240	$\frac{7}{120}$	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{113}{240}$	$\Phi_{240}^{7}\ \Phi_{120}^{8}\ \Phi_{80}^{7}\ \Phi_{60}^{8}\ \Phi_{48}^{7}\ \Phi_{40}^{8}\ \Phi_{30}^{8}\ \Phi_{24}^{8}\ \Phi_{20}^{8}\ \Phi_{16}^{14}\ \Phi_{15}^{8}\ \Phi_{12}^{8}\ \Phi_{10}^{8}\ \Phi_{8}^{14}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{14}\ \Phi_{3}^{8}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
153116	1905	3584	$\frac{1}{16}$	$\frac{113}{1792}$	$\frac{15}{128}$	$\frac{1679}{3584}$	$\Phi_{3584}\ \Phi_{512}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
153117	1905	2002	$\frac{97}{2002}$	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{85}{182}$	$\Phi_{2002}\ \Phi_{1001}\ \Phi_{286}\ \Phi_{154}\ \Phi_{143}\ \Phi_{91}\ \Phi_{77}\ \Phi_{22}\ \Phi_{13}\ \Phi_{11}\ \Phi_1$
153118	1905	3612	$\frac{2}{129}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{3612}\ \Phi_{1204}\ \Phi_{516}\ \Phi_{172}\ \Phi_{129}\ \Phi_{43}\ \Phi_{28}\ \Phi_4\ \Phi_1$
153119	1905	756	$\frac{1}{63}$	$\frac{1}{14}$	$\frac{62}{189}$	$\frac{13}{28}$	$\Phi_{756}^7\ \Phi_{189}\ \Phi_{108}^7\ \Phi_{28}\ \Phi_{27}\ \Phi_4\ \Phi_1$
153120	1905	168	$\frac{1}{42}$	$\frac{1}{14}$	$\frac{41}{168}$	$\frac{13}{28}$	$\Phi_{168}^{15}\ \Phi_{84}\ \Phi_{56}^{15}\ \Phi_{42}^{14}\ \Phi_{28}^2\ \Phi_{24}^{15}\ \Phi_{21}^{14}\ \Phi_{14}^{14}\ \Phi_{12}\ \Phi_8^{15}\ \Phi_7^{14}\ \Phi_6^{14}\ \Phi_4^2\ \Phi_3^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
153121	1905	924	$\frac{5}{132}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}^3\ \Phi_{77}^2\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{42}^2\ \Phi_{33}^3\ \Phi_{28}\ \Phi_{22}^3\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{11}^3\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
153122	1905	532	$\frac{6}{133}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{532}^7\ \Phi_{133}\ \Phi_{76}^7\ \Phi_{28}\ \Phi_{19}\ \Phi_4\ \Phi_1$
153123	1905	588	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{20}{147}$	$\frac{13}{28}$	$\Phi_{588}^7\ \Phi_{196}^7\ \Phi_{147}\ \Phi_{49}\ \Phi_{28}\ \Phi_4\ \Phi_1$
153124	1905	1008	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{17}{144}$	$\frac{13}{28}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{168}^2\ \Phi_{144}^3\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{72}^3\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^3\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_8^3\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
153125	1905	3780	$\frac{8}{135}$	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{28}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{420}\ \Phi_{180}\ \Phi_{140}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{45}\ \Phi_{28}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_5\ \Phi_4\ \Phi_1$
153126	1905	140	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{13}{28}$	$\Phi_{140}^{15}\ \Phi_{70}^{15}\ \Phi_{35}^{15}\ \Phi_{28}^2\ \Phi_{20}^{15}\ \Phi_{14}^{14}\ \Phi_{10}^{15}\ \Phi_7^{14}\ \Phi_5^{15}\ \Phi_4^2\ \Phi_2^{14}\ \Phi_1^{15}$
153127	1905	1176	$\frac{2}{49}$	$\frac{47}{588}$	$\frac{1}{7}$	$\frac{541}{1176}$	$\Phi_{1176}^3\ \Phi_{392}^3\ \Phi_{168}^3\ \Phi_{56}^3\ \Phi_{49}^3\ \Phi_{24}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
153128	1905	704	$\frac{1}{16}$	$\frac{29}{352}$	$\frac{3}{32}$	$\frac{323}{704}$	$\Phi_{704}^5\ \Phi_{64}^5\ \Phi_{32}^5\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
153129	1905	648	$\frac{13}{648}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{648}^3\ \Phi_{324}^3\ \Phi_{216}^3\ \Phi_{162}^3\ \Phi_{108}^3\ \Phi_{81}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
153130	1905	2332	$\frac{1}{53}$	$\frac{52}{583}$	$\frac{1}{4}$	$\frac{531}{1166}$	$\Phi_{2332}\ \Phi_{583}\ \Phi_{212}^2\ \Phi_{106}\ \Phi_{53}\ \Phi_{44}\ \Phi_{11}\ \Phi_4\ \Phi_1$
153131	1905	1152	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{59}{576}$	$\frac{517}{1152}$	$\Phi_{1152}^3\ \Phi_{384}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
153132	1905	2048	$\frac{1}{16}$	$\frac{143}{2048}$	$\frac{15}{128}$	$\frac{113}{256}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{512}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
153133	1905	392	$\frac{11}{392}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{392}^5\ \Phi_{196}^5\ \Phi_{98}^4\ \Phi_{56}^5\ \Phi_{49}^5\ \Phi_{28}^5\ \Phi_{14}^4\ \Phi_8^5\ \Phi_7^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
153134	1905	3392	$\frac{3}{212}$	$\frac{209}{1696}$	$\frac{1}{4}$	$\frac{1487}{3392}$	$\Phi_{3392}\ \Phi_{212}\ \Phi_{106}\ \Phi_{64}\ \Phi_{53}\ \Phi_1$
153135	1905	224	$\frac{1}{112}$	$\frac{15}{112}$	$\frac{37}{112}$	$\frac{97}{224}$	$\Phi_{224}^{15}\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{32}^{15}\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
153136	1905	224	$\frac{1}{56}$	$\frac{15}{112}$	$\frac{11}{56}$	$\frac{97}{224}$	$\Phi_{224}^{15}\ \Phi_{56}^4\ \Phi_{32}^{15}\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
153137	1905	224	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{97}{224}$	$\Phi_{224}^{15}\ \Phi_{32}^{15}\ \Phi_{16}^{14}\ \Phi_8^{14}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
153138	1905	784	$\frac{1}{56}$	$\frac{55}{392}$	$\frac{149}{784}$	$\frac{337}{784}$	$\Phi_{784}^2\ \Phi_{392}^3\ \Phi_{196}^3\ \Phi_{112}^2\ \Phi_{98}^3\ \Phi_{56}^2\ \Phi_{49}^3\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
153139	1905	385	$\frac{4}{385}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{385}^5\ \Phi_{77}^5\ \Phi_{55}^5\ \Phi_{35}^5\ \Phi_{11}^5\ \Phi_7^2\ \Phi_5^5\ \Phi_1^3$
153140	1905	1092	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{89}{546}$	$\frac{457}{1092}$	$\Phi_{1092}^3\ \Phi_{364}^3\ \Phi_{156}^3\ \Phi_{91}^3\ \Phi_{84}^3\ \Phi_{52}^3\ \Phi_{28}^3\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
153141	1905	896	$\frac{1}{112}$	$\frac{37}{224}$	$\frac{261}{896}$	$\frac{187}{448}$	$\Phi_{896}^3\ \Phi_{224}^3\ \Phi_{128}^3\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
153142	1905	1088	$\frac{1}{136}$	$\frac{91}{544}$	$\frac{45}{136}$	$\frac{453}{1088}$	$\Phi_{1088}^3\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{64}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
153143	1905	391	$\frac{10}{391}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{391}^5\ \Phi_{23}^5\ \Phi_{17}^2\ \Phi_1^3$
153144	1905	640	$\frac{3}{64}$	$\frac{1}{16}$	$\frac{61}{320}$	$\frac{259}{640}$	$\Phi_{640}^5\ \Phi_{128}^5\ \Phi_{64}^5\ \Phi_{32}^5\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
153145	1905	448	$\frac{1}{56}$	$\frac{67}{448}$	$\frac{11}{56}$	$\frac{45}{112}$	$\Phi_{448}^5\ \Phi_{224}^5\ \Phi_{64}^5\ \Phi_{56}^4\ \Phi_{32}^5\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
153146	1905	212	$\frac{1}{106}$	$\frac{21}{106}$	$\frac{1}{4}$	$\frac{85}{212}$	$\Phi_{212}^7\ \Phi_{106}^{11}\ \Phi_{53}^{11}\ \Phi_4^6\ \Phi_2^{10}\ \Phi_1^{11}$
153147	1905	544	$\frac{1}{136}$	$\frac{27}{136}$	$\frac{163}{544}$	$\frac{109}{272}$	$\Phi_{544}^5\ \Phi_{136}^4\ \Phi_{68}^4\ \Phi_{34}^4\ \Phi_{32}^5\ \Phi_{17}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
153148	1905	3136	$\frac{1}{56}$	$\frac{55}{392}$	$\frac{337}{1568}$	$\frac{1231}{3136}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{64}\ \Phi_{49}\ \Phi_1$
153149	1905	1024	$\frac{5}{128}$	$\frac{1}{16}$	$\frac{123}{512}$	$\frac{389}{1024}$	$\Phi_{1024}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
153150	1905	760	$\frac{1}{190}$	$\frac{1}{4}$	$\frac{63}{190}$	$\frac{3}{8}$	$\Phi_{760}^4\ \Phi_{190}^2\ \Phi_{152}^4\ \Phi_{95}^2\ \Phi_{40}^4\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{10}^2\ \Phi_8^5\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
153151	1905	128	$\frac{1}{128}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{128}^{15}\ \Phi_{64}^{15}\ \Phi_{32}^{15}\ \Phi_{16}^{15}\ \Phi_8^{12}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
153152	1905	3080	$\frac{4}{385}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{385}\ \Phi_{280}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{55}\ \Phi_{35}\ \Phi_{11}\ \Phi_8\ \Phi_7\ \Phi_1$
153153	1905	3800	$\frac{1}{95}$	$\frac{94}{475}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3800}\ \Phi_{475}\ \Phi_{200}\ \Phi_{25}\ \Phi_8\ \Phi_1$
153154	1905	152	$\frac{1}{76}$	$\frac{25}{152}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{152}^{11}\ \Phi_{76}^{14}\ \Phi_{38}^{14}\ \Phi_{19}^{14}\ \Phi_8^{12}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
153155	1905	520	$\frac{3}{130}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}^6\ \Phi_{130}^3\ \Phi_{104}^6\ \Phi_{65}^3\ \Phi_{40}^4\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_{10}^2\ \Phi_8^5\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
153156	1905	1672	$\frac{1}{38}$	$\frac{37}{418}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1672}^2\ \Phi_{418}\ \Phi_{209}\ \Phi_{88}^2\ \Phi_{22}\ \Phi_{11}\ \Phi_8\ \Phi_1$
153157	1905	1064	$\frac{6}{133}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1064}^3\ \Phi_{152}^2\ \Phi_{133}^3\ \Phi_{56}^3\ \Phi_{19}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_1^3$
153158	1905	400	$\frac{19}{400}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{400}^5\ \Phi_{200}^5\ \Phi_{100}^5\ \Phi_{80}^5\ \Phi_{50}^5\ \Phi_{40}\ \Phi_{25}^5\ \Phi_{20}^4\ \Phi_{16}^5\ \Phi_{10}^4\ \Phi_8^2\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
153159	1905	644	$\frac{9}{644}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{644}^3\ \Phi_{322}^3\ \Phi_{161}^3\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{28}^3\ \Phi_{23}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
153160	1905	672	$\frac{1}{28}$	$\frac{37}{672}$	$\frac{9}{28}$	$\frac{19}{56}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
153161	1905	192	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{31}{96}$	$\frac{65}{192}$	$\Phi_{192}^{15}\ \Phi_{64}^{15}\ \Phi_{32}^{15}\ \Phi_{16}^{14}\ \Phi_8^{14}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
153162	1905	136	$\frac{1}{34}$	$\frac{9}{136}$	$\frac{11}{34}$	$\frac{23}{68}$	$\Phi_{136}^{15}\ \Phi_{68}^{12}\ \Phi_{34}^{14}\ \Phi_{17}^{14}\ \Phi_8^{15}\ \Phi_4^{12}\ \Phi_2^{14}\ \Phi_1^{15}$
153163	1905	816	$\frac{1}{136}$	$\frac{181}{816}$	$\frac{45}{136}$	$\frac{91}{272}$	$\Phi_{816}^3\ \Phi_{408}^3\ \Phi_{204}^3\ \Phi_{136}^2\ \Phi_{102}^3\ \Phi_{68}^2\ \Phi_{51}^3\ \Phi_{48}^3\ \Phi_{34}^2\ \Phi_{24}^3\ \Phi_{17}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
153164	1905	1908	$\frac{1}{159}$	$\frac{1}{4}$	$\frac{158}{477}$	$\frac{319}{954}$	$\Phi_{1908}\ \Phi_{636}^2\ \Phi_{477}\ \Phi_{318}\ \Phi_{212}^2\ \Phi_{159}\ \Phi_{106}\ \Phi_{53}\ \Phi_{36}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
153165	1905	952	$\frac{1}{238}$	$\frac{79}{238}$	$\frac{317}{952}$	$\frac{159}{476}$	$\Phi_{952}^3\ \Phi_{238}^2\ \Phi_{136}^3\ \Phi_{119}^2\ \Phi_{56}^3\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_2^2\ \Phi_1^3$
153166	1905	903	$\frac{2}{129}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{903}^2\ \Phi_{301}^2\ \Phi_{129}^3\ \Phi_{43}^3\ \Phi_7^2\ \Phi_1^3$
153167	1905	516	$\frac{2}{129}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{516}^5\ \Phi_{258}^2\ \Phi_{172}^5\ \Phi_{129}^3\ \Phi_{86}^2\ \Phi_{43}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
153168	1905	948	$\frac{3}{316}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{313}{948}$	$\Phi_{948}^3\ \Phi_{474}^3\ \Phi_{237}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
153169	1905	189	$\frac{1}{63}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{62}{189}$	$\Phi_{189}^{15}\ \Phi_{27}^{15}\ \Phi_7^2\ \Phi_1^3$
153170	1905	756	$\frac{1}{63}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{62}{189}$	$\Phi_{756}^5\ \Phi_{378}^2\ \Phi_{189}^3\ \Phi_{108}^5\ \Phi_{54}^2\ \Phi_{27}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
153171	1905	819	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{184}{819}$	$\frac{89}{273}$	$\Phi_{819}^3\ \Phi_{117}^3\ \Phi_{91}^3\ \Phi_{63}^3\ \Phi_{13}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_1^3$
153172	1905	918	$\frac{1}{34}$	$\frac{23}{306}$	$\frac{283}{918}$	$\frac{11}{34}$	$\Phi_{918}^3\ \Phi_{459}^3\ \Phi_{54}^3\ \Phi_{34}^2\ \Phi_{27}^3\ \Phi_{17}^2\ \Phi_2^2\ \Phi_1^3$
153173	1905	714	$\frac{1}{34}$	$\frac{79}{714}$	$\frac{23}{102}$	$\frac{11}{34}$	$\Phi_{714}^3\ \Phi_{357}^3\ \Phi_{238}^3\ \Phi_{119}^3\ \Phi_{42}^3\ \Phi_{34}^2\ \Phi_{21}^3\ \Phi_{17}^2\ \Phi_{14}^3\ \Phi_7^3\ \Phi_2^2\ \Phi_1^3$
153174	1905	816	$\frac{1}{34}$	$\frac{23}{204}$	$\frac{181}{816}$	$\frac{11}{34}$	$\Phi_{816}^3\ \Phi_{408}^3\ \Phi_{272}^3\ \Phi_{136}^3\ \Phi_{48}^3\ \Phi_{34}^2\ \Phi_{24}^3\ \Phi_{17}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_2^2\ \Phi_1^3$
153175	1905	936	$\frac{11}{312}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{301}{936}$	$\Phi_{936}^3\ \Phi_{468}^3\ \Phi_{234}^3\ \Phi_{117}^3\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
153176	1905	924	$\frac{1}{28}$	$\frac{19}{308}$	$\frac{289}{924}$	$\frac{9}{28}$	$\Phi_{924}^3\ \Phi_{462}^3\ \Phi_{231}^3\ \Phi_{132}^3\ \Phi_{84}^3\ \Phi_{66}^3\ \Phi_{42}^3\ \Phi_{33}^3\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
153177	1905	187	$\frac{7}{187}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{60}{187}$	$\Phi_{187}^{10}\ \Phi_{17}^{12}\ \Phi_{11}^{10}\ \Phi_1^{13}$
153178	1905	147	$\frac{2}{49}$	$\frac{20}{147}$	$\frac{1}{7}$	$\frac{47}{147}$	$\Phi_{147}^{12}\ \Phi_{49}^{15}\ \Phi_{21}^{12}\ \Phi_7^{14}\ \Phi_3^{12}\ \Phi_1^{15}$
153179	1905	931	$\frac{43}{931}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{296}{931}$	$\Phi_{931}^2\ \Phi_{133}^2\ \Phi_{49}^3\ \Phi_{19}^2\ \Phi_7^2\ \Phi_1^3$
153180	1905	832	$\frac{11}{208}$	$\frac{1}{16}$	$\frac{197}{832}$	$\frac{5}{16}$	$\Phi_{832}^3\ \Phi_{416}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
153181	1905	672	$\frac{37}{672}$	$\frac{1}{16}$	$\frac{11}{48}$	$\frac{5}{16}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_8^2\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
153182	1905	768	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{133}{768}$	$\frac{59}{192}$	$\Phi_{768}^3\ \Phi_{384}^3\ \Phi_{256}^3\ \Phi_{128}^3\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
153183	1905	182	$\frac{6}{91}$	$\frac{17}{182}$	$\frac{1}{7}$	$\frac{55}{182}$	$\Phi_{182}^{10}\ \Phi_{91}^{11}\ \Phi_{26}^{10}\ \Phi_{14}^{10}\ \Phi_{13}^{11}\ \Phi_7^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
153184	1905	136	$\frac{9}{136}$	$\frac{13}{136}$	$\frac{19}{136}$	$\frac{41}{136}$	$\Phi_{136}^{14}\ \Phi_{68}^{14}\ \Phi_{34}^{14}\ \Phi_{17}^{14}\ \Phi_8^{14}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
153185	1905	144	$\frac{1}{16}$	$\frac{17}{144}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{144}^{15}\ \Phi_{72}^{15}\ \Phi_{48}^7\ \Phi_{36}^{15}\ \Phi_{24}^8\ \Phi_{18}^{15}\ \Phi_{16}^{14}\ \Phi_{12}^8\ \Phi_9^{15}\ \Phi_8^{14}\ \Phi_6^8\ \Phi_4^{14}\ \Phi_3^8\ \Phi_2^{14}\ \Phi_1^{15}$
153186	1905	896	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{113}{896}$	$\frac{261}{896}$	$\Phi_{896}^2\ \Phi_{448}^2\ \Phi_{224}^2\ \Phi_{128}^3\ \Phi_{112}^2\ \Phi_{64}^3\ \Phi_{56}^2\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
153187	1905	168	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{41}{168}$	$\frac{2}{7}$	$\Phi_{168}^{15}\ \Phi_{84}^{15}\ \Phi_{56}^{15}\ \Phi_{28}^{15}\ \Phi_{24}^{15}\ \Phi_{12}^{15}\ \Phi_{8}^{15}\ \Phi_{7}^{2}\ \Phi_{4}^{15}\ \Phi_{1}^{3}$
153188	1905	651	$\frac{16}{651}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{651}^{3}\ \Phi_{217}^{3}\ \Phi_{93}^{3}\ \Phi_{31}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
153189	1905	392	$\frac{11}{392}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{392}^{5}\ \Phi_{196}^{5}\ \Phi_{98}^{5}\ \Phi_{56}^{5}\ \Phi_{49}^{5}\ \Phi_{28}^{5}\ \Phi_{8}^{5}\ \Phi_{7}^{2}\ \Phi_{4}^{5}\ \Phi_{1}^{3}$
153190	1905	924	$\frac{5}{132}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{231}^{2}\ \Phi_{154}^{2}\ \Phi_{132}^{3}\ \Phi_{84}^{2}\ \Phi_{77}^{2}\ \Phi_{66}^{3}\ \Phi_{44}^{3}\ \Phi_{33}^{3}\ \Phi_{28}^{2}\ \Phi_{22}^{3}\ \Phi_{12}^{3}\ \Phi_{11}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
153191	1905	756	$\frac{5}{126}$	$\frac{1}{7}$	$\frac{121}{756}$	$\frac{2}{7}$	$\Phi_{756}^{3}\ \Phi_{378}^{3}\ \Phi_{252}^{3}\ \Phi_{189}^{3}\ \Phi_{108}^{3}\ \Phi_{84}^{3}\ \Phi_{54}^{3}\ \Phi_{36}^{3}\ \Phi_{28}^{3}\ \Phi_{27}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
153192	1905	133	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{133}^{15}\ \Phi_{19}^{15}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
153193	1905	147	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{147}^{15}\ \Phi_{49}^{15}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
153194	1905	672	$\frac{37}{672}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{3}\ \Phi_{96}^{3}\ \Phi_{84}^{3}\ \Phi_{56}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{28}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
153195	1905	1008	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{252}^{2}\ \Phi_{168}^{2}\ \Phi_{144}^{3}\ \Phi_{112}^{2}\ \Phi_{84}^{2}\ \Phi_{72}^{3}\ \Phi_{56}^{2}\ \Phi_{48}^{3}\ \Phi_{36}^{3}\ \Phi_{28}^{2}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
153196	1905	945	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{135}^{3}\ \Phi_{105}^{2}\ \Phi_{45}^{3}\ \Phi_{35}^{2}\ \Phi_{27}^{3}\ \Phi_{15}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
153197	1905	140	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{140}^{15}\ \Phi_{70}^{15}\ \Phi_{35}^{15}\ \Phi_{28}^{15}\ \Phi_{20}^{15}\ \Phi_{10}^{15}\ \Phi_{7}^{2}\ \Phi_{5}^{15}\ \Phi_{4}^{15}\ \Phi_{1}^{3}$
153198	1905	693	$\frac{5}{63}$	$\frac{58}{693}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{693}^{3}\ \Phi_{231}^{3}\ \Phi_{99}^{3}\ \Phi_{77}^{3}\ \Phi_{33}^{3}\ \Phi_{11}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
153199	1905	882	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{47}{294}$	$\frac{247}{882}$	$\Phi_{882}^{3}\ \Phi_{441}^{3}\ \Phi_{126}^{3}\ \Phi_{63}^{3}\ \Phi_{49}^{3}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
153200	1905	648	$\frac{13}{648}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{648}^{3}\ \Phi_{324}^{3}\ \Phi_{216}^{3}\ \Phi_{162}^{3}\ \Phi_{108}^{3}\ \Phi_{81}^{3}\ \Phi_{72}^{3}\ \Phi_{54}^{3}\ \Phi_{36}\ \Phi_{27}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153201	1905	136	$\frac{9}{136}$	$\frac{11}{136}$	$\frac{25}{136}$	$\frac{37}{136}$	$\Phi_{136}^{14}\ \Phi_{68}^{14}\ \Phi_{34}^{14}\ \Phi_{17}^{14}\ \Phi_{8}^{14}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
153202	1905	168	$\frac{1}{56}$	$\frac{11}{56}$	$\frac{41}{168}$	$\frac{15}{56}$	$\Phi_{168}^{15}\ \Phi_{84}^{15}\ \Phi_{56}^{4}\ \Phi_{42}^{15}\ \Phi_{28}^{4}\ \Phi_{24}^{15}\ \Phi_{21}^{15}\ \Phi_{14}^{4}\ \Phi_{12}^{15}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{15}\ \Phi_{4}^{4}\ \Phi_{3}^{15}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
153203	1905	848	$\frac{3}{212}$	$\frac{209}{848}$	$\frac{1}{4}$	$\frac{213}{848}$	$\Phi_{848}^{2}\ \Phi_{424}^{2}\ \Phi_{212}^{3}\ \Phi_{106}^{3}\ \Phi_{53}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153204	1905	168	$\frac{1}{42}$	$\frac{1}{6}$	$\frac{41}{168}$	$\frac{1}{4}$	$\Phi_{168}^{15}\ \Phi_{84}^{5}\ \Phi_{56}^{15}\ \Phi_{42}^{10}\ \Phi_{28}^{5}\ \Phi_{24}^{15}\ \Phi_{21}^{10}\ \Phi_{14}^{10}\ \Phi_{12}^{7}\ \Phi_{8}^{15}\ \Phi_{7}^{10}\ \Phi_{6}^{11}\ \Phi_{4}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
153205	1905	672	$\frac{37}{672}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{3}\ \Phi_{96}^{3}\ \Phi_{84}^{3}\ \Phi_{56}^{3}\ \Phi_{42}^{3}\ \Phi_{32}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153206	1905	156	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{29}{156}$	$\frac{1}{4}$	$\Phi_{156}^{12}\ \Phi_{78}^{12}\ \Phi_{52}^{12}\ \Phi_{39}^{12}\ \Phi_{26}^{12}\ \Phi_{13}^{12}\ \Phi_{12}^{15}\ \Phi_{6}^{15}\ \Phi_{4}^{14}\ \Phi_{3}^{15}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
153207	1905	132	$\frac{5}{132}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{132}^{15}\ \Phi_{66}^{15}\ \Phi_{44}^{15}\ \Phi_{33}^{15}\ \Phi_{22}^{15}\ \Phi_{12}^{7}\ \Phi_{11}^{15}\ \Phi_{6}^{11}\ \Phi_{4}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
153208	1905	756	$\frac{5}{126}$	$\frac{121}{756}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{756}^{3}\ \Phi_{378}^{3}\ \Phi_{252}\ \Phi_{189}^{3}\ \Phi_{126}^{2}\ \Phi_{108}^{3}\ \Phi_{84}\ \Phi_{63}^{2}\ \Phi_{54}^{3}\ \Phi_{42}^{2}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}^{3}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153209	1905	1596	$\frac{6}{133}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1596}^{2}\ \Phi_{798}\ \Phi_{532}\ \Phi_{399}\ \Phi_{228}^{2}\ \Phi_{133}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{19}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
153210	1905	588	$\frac{1}{21}$	$\frac{20}{147}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{588}^{5}\ \Phi_{294}^{2}\ \Phi_{196}^{5}\ \Phi_{147}^{3}\ \Phi_{98}^{2}\ \Phi_{49}^{3}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
153211	1905	672	$\frac{37}{672}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{3}\ \Phi_{96}^{3}\ \Phi_{84}\ \Phi_{56}^{3}\ \Phi_{48}^{3}\ \Phi_{42}^{2}\ \Phi_{32}^{3}\ \Phi_{28}\ \Phi_{24}^{3}\ \Phi_{21}^{2}\ \Phi_{16}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153212	1905	144	$\frac{1}{18}$	$\frac{17}{144}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{144}^{15}\ \Phi_{72}^{15}\ \Phi_{48}^{15}\ \Phi_{36}^{5}\ \Phi_{24}^{15}\ \Phi_{18}^{10}\ \Phi_{16}^{15}\ \Phi_{12}^{7}\ \Phi_{9}^{10}\ \Phi_{8}^{15}\ \Phi_{6}^{11}\ \Phi_{4}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
153213	1905	540	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{540}^{5}\ \Phi_{270}^{2}\ \Phi_{180}^{5}\ \Phi_{135}^{3}\ \Phi_{108}^{5}\ \Phi_{90}^{2}\ \Phi_{60}^{5}\ \Phi_{54}^{2}\ \Phi_{45}^{3}\ \Phi_{30}^{2}\ \Phi_{27}^{3}\ \Phi_{20}^{5}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
153214	1905	420	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{140}^{3}\ \Phi_{105}^{6}\ \Phi_{84}^{2}\ \Phi_{70}^{3}\ \Phi_{60}^{6}\ \Phi_{42}^{4}\ \Phi_{35}^{3}\ \Phi_{30}^{6}\ \Phi_{28}\ \Phi_{21}^{4}\ \Phi_{20}^{3}\ \Phi_{15}^{6}\ \Phi_{14}^{2}\ \Phi_{12}^{4}\ \Phi_{10}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153215	1905	784	$\frac{2}{49}$	$\frac{1}{7}$	$\frac{149}{784}$	$\frac{47}{196}$	$\Phi_{784}^{3}\ \Phi_{392}^{3}\ \Phi_{112}^{3}\ \Phi_{56}^{3}\ \Phi_{49}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
153216	1905	728	$\frac{6}{91}$	$\frac{93}{728}$	$\frac{1}{7}$	$\frac{85}{364}$	$\Phi_{728}^{3}\ \Phi_{364}^{2}\ \Phi_{182}^{2}\ \Phi_{104}^{3}\ \Phi_{91}^{3}\ \Phi_{56}^{3}\ \Phi_{52}^{2}\ \Phi_{28}^{2}\ \Phi_{26}^{2}\ \Phi_{14}^{2}\ \Phi_{13}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153217	1905	160	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{160}$	$\Phi_{160}^{15}\ \Phi_{80}^{7}\ \Phi_{40}^{8}\ \Phi_{32}^{15}\ \Phi_{20}^{8}\ \Phi_{16}^{14}\ \Phi_{10}^{8}\ \Phi_{8}^{14}\ \Phi_{5}^{8}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
153218	1905	136	$\frac{9}{136}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{34}$	$\Phi_{136}^{15}\ \Phi_{68}^{15}\ \Phi_{34}^{10}\ \Phi_{17}^{12}\ \Phi_{8}^{15}\ \Phi_{4}^{15}\ \Phi_{2}^{10}\ \Phi_{1}^{13}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
153219	1905	455	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{74}{455}$	$\frac{17}{91}$	$\Phi_{455}^5\ \Phi_{91}\ \Phi_{65}^5\ \Phi_{35}^5\ \Phi_{13}\ \Phi_5^5\ \Phi_1$
153220	1906	1902	$\frac{2}{951}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{949}{1902}$	$\Phi_{1902}^2\ \Phi_{634}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153221	1906	1524	$\frac{1}{381}$	$\frac{191}{762}$	$\frac{571}{1524}$	$\frac{190}{381}$	$\Phi_{1524}^2\ \Phi_{508}^2\ \Phi_{381}\ \Phi_{127}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
153222	1906	1272	$\frac{1}{318}$	$\frac{319}{1272}$	$\frac{1}{3}$	$\frac{317}{636}$	$\Phi_{1272}^2\ \Phi_{424}^2\ \Phi_{318}^2\ \Phi_{159}^2\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153223	1906	1900	$\frac{3}{950}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{947}{1900}$	$\Phi_{1900}^2\ \Phi_{380}^2\ \Phi_{100}^2\ \Phi_{76}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
153224	1906	1899	$\frac{7}{1899}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{946}{1899}$	$\Phi_{1899}\ \Phi_{633}\ \Phi_{211}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
153225	1906	1896	$\frac{5}{948}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{943}{1896}$	$\Phi_{1896}^2\ \Phi_{632}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153226	1906	1778	$\frac{1}{127}$	$\frac{64}{889}$	$\frac{825}{1778}$	$\frac{63}{127}$	$\Phi_{1778}^2\ \Phi_{254}^2\ \Phi_{127}\ \Phi_{14}^2\ \Phi_2^2\ \Phi_1^2$
153227	1906	1890	$\frac{8}{945}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{937}{1890}$	$\Phi_{1890}^2\ \Phi_{630}^2\ \Phi_{378}^2\ \Phi_{270}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153228	1906	1890	$\frac{8}{945}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{937}{1890}$	$\Phi_{1890}^2\ \Phi_{630}^2\ \Phi_{378}^2\ \Phi_{270}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153229	1906	3180	$\frac{1}{106}$	$\frac{107}{1060}$	$\frac{1}{3}$	$\frac{105}{212}$	$\Phi_{3180}\ \Phi_{1590}\ \Phi_{795}\ \Phi_{318}\ \Phi_{159}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
153230	1906	1872	$\frac{17}{936}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{919}{1872}$	$\Phi_{1872}^2\ \Phi_{624}^2\ \Phi_{208}^2\ \Phi_{144}^2\ \Phi_{48}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153231	1906	1860	$\frac{23}{930}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{907}{1860}$	$\Phi_{1860}^2\ \Phi_{620}^2\ \Phi_{372}^2\ \Phi_{124}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153232	1906	972	$\frac{19}{972}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153233	1906	5406	$\frac{1}{53}$	$\frac{52}{901}$	$\frac{1}{3}$	$\frac{849}{1802}$	$\Phi_{5406}\ \Phi_{318}\ \Phi_{159}\ \Phi_{102}\ \Phi_6$
153234	1906	1800	$\frac{53}{900}$	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{847}{1800}$	$\Phi_{1800}^2\ \Phi_{600}^2\ \Phi_{360}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153235	1906	1260	$\frac{8}{315}$	$\frac{1}{15}$	$\frac{307}{1260}$	$\frac{7}{15}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153236	1906	990	$\frac{37}{990}$	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153237	1906	1080	$\frac{8}{135}$	$\frac{1}{15}$	$\frac{127}{1080}$	$\frac{7}{15}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153238	1906	1050	$\frac{1}{15}$	$\frac{8}{105}$	$\frac{97}{1050}$	$\frac{7}{15}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153239	1906	1749	$\frac{2}{159}$	$\frac{157}{1749}$	$\frac{1}{3}$	$\frac{796}{1749}$	$\Phi_{1749}\ \Phi_{583}\ \Phi_{159}\ \Phi_{53}^2\ \Phi_{33}\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
153240	1906	5088	$\frac{1}{106}$	$\frac{105}{848}$	$\frac{1}{3}$	$\frac{743}{1696}$	$\Phi_{5088}\ \Phi_{318}\ \Phi_{159}\ \Phi_{96}\ \Phi_6$
153241	1906	1680	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{113}{840}$	$\frac{727}{1680}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{120}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153242	1906	960	$\frac{7}{960}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153243	1906	1590	$\frac{1}{159}$	$\frac{158}{795}$	$\frac{1}{3}$	$\frac{637}{1590}$	$\Phi_{1590}^2\ \Phi_{530}^2\ \Phi_{318}^2\ \Phi_{159}^2\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153244	1906	1425	$\frac{3}{475}$	$\frac{1}{5}$	$\frac{472}{1425}$	$\frac{2}{5}$	$\Phi_{1425}^2\ \Phi_{285}^2\ \Phi_{75}^2\ \Phi_{57}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
153245	1906	960	$\frac{7}{960}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{64}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
153246	1906	1140	$\frac{3}{190}$	$\frac{187}{1140}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{285}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{60}^2\ \Phi_{57}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
153247	1906	975	$\frac{22}{975}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{195}^2\ \Phi_{75}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
153248	1906	1045	$\frac{3}{95}$	$\frac{92}{1045}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1045}^2\ \Phi_{209}^2\ \Phi_{55}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
153249	1906	1000	$\frac{47}{1000}$	$\frac{3}{50}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1000}^2\ \Phi_{500}^2\ \Phi_{250}^2\ \Phi_{200}^2\ \Phi_{125}^2\ \Phi_{100}^2\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
153250	1906	1524	$\frac{1}{127}$	$\frac{63}{254}$	$\frac{191}{762}$	$\frac{571}{1524}$	$\Phi_{1524}^2\ \Phi_{508}^2\ \Phi_{254}^2\ \Phi_{127}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
153251	1906	1440	$\frac{7}{240}$	$\frac{1}{15}$	$\frac{233}{720}$	$\frac{487}{1440}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{288}^2\ \Phi_{240}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153252	1906	1431	$\frac{2}{477}$	$\frac{475}{1431}$	$\frac{1}{3}$	$\frac{478}{1431}$	$\Phi_{1431}\ \Phi_{477}^2\ \Phi_{159}^2\ \Phi_{53}^2\ \Phi_{27}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
153253	1906	1422	$\frac{5}{474}$	$\frac{1}{6}$	$\frac{469}{1422}$	$\frac{1}{3}$	$\Phi_{1422}^2\ \Phi_{711}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153254	1906	1404	$\frac{17}{468}$	$\frac{1}{18}$	$\frac{451}{1404}$	$\frac{1}{3}$	$\Phi_{1404}^2\ \Phi_{702}^2\ \Phi_{351}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153255	1906	972	$\frac{19}{972}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153256	1906	1272	$\frac{1}{106}$	$\frac{105}{424}$	$\frac{319}{1272}$	$\frac{1}{3}$	$\Phi_{1272}\ \Phi_{636}\ \Phi_{424}^2\ \Phi_{318}^2\ \Phi_{212}^2\ \Phi_{159}^2\ \Phi_{106}^2\ \Phi_{53}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153257	1906	1260	$\frac{8}{315}$	$\frac{1}{9}$	$\frac{307}{1260}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153258	1906	1008	$\frac{55}{1008}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153259	1906	1170	$\frac{1}{18}$	$\frac{17}{234}$	$\frac{217}{1170}$	$\frac{1}{3}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{90}^2\ \Phi_{65}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153260	1906	990	$\frac{37}{990}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153261	1906	1134	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{181}{1134}$	$\frac{1}{3}$	$\Phi_{1134}^2\ \Phi_{567}^2\ \Phi_{378}^2\ \Phi_{162}^2\ \Phi_{126}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153262	1906	1008	$\frac{55}{1008}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153263	1906	1080	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{127}{1080}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153264	1906	1080	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{127}{1080}$	$\frac{53}{180}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153265	1906	1200	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{53}{300}$	$\frac{247}{1200}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153266	1908	2856	$\frac{1}{476}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{475}{952}$	$\Phi_{2856}\ \Phi_{952}^2\ \Phi_{408}\ \Phi_{168}\ \Phi_{136}^2\ \Phi_{56}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
153267	1908	1585	$\frac{1}{317}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{158}{317}$	$\Phi_{1585}\ \Phi_{317}^2\ \Phi_5^2\ \Phi_1^4$
153268	1908	3804	$\frac{1}{317}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{158}{317}$	$\Phi_{3804}\ \Phi_{1902}\ \Phi_{12}^2\ \Phi_6^2$
153269	1908	1907	$\frac{7}{1907}$	$\frac{319}{1907}$	$\frac{794}{1907}$	$\frac{950}{1907}$	$\Phi_{1907}\ \Phi_1^2$
153270	1908	2850	$\frac{2}{475}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{473}{950}$	$\Phi_{2850}^2\ \Phi_{570}^2\ \Phi_{150}^2\ \Phi_{114}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
153271	1908	2548	$\frac{3}{637}$	$\frac{1}{4}$	$\frac{160}{637}$	$\frac{317}{637}$	$\Phi_{2548}\ \Phi_{1274}\ \Phi_{364}\ \Phi_{196}\ \Phi_{182}\ \Phi_{98}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$
153272	1908	1907	$\frac{9}{1907}$	$\frac{476}{1907}$	$\frac{479}{1907}$	$\frac{949}{1907}$	$\Phi_{1907}\ \Phi_1^2$
153273	1908	3376	$\frac{1}{211}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{105}{211}$	$\Phi_{3376}\ \Phi_{211}\ \Phi_{16}^2\ \Phi_1^2$
153274	1908	844	$\frac{1}{211}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{105}{211}$	$\Phi_{844}^2\ \Phi_{422}^2\ \Phi_{211}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
153275	1908	573	$\frac{1}{191}$	$\frac{32}{191}$	$\frac{1}{3}$	$\frac{95}{191}$	$\Phi_{573}^5\ \Phi_3^4$
153276	1908	3476	$\frac{1}{158}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{157}{316}$	$\Phi_{3476}\ \Phi_{316}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
153277	1908	6636	$\frac{1}{158}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{157}{316}$	$\Phi_{6636}\ \Phi_{84}\ \Phi_{21}$
153278	1908	3476	$\frac{1}{158}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{157}{316}$	$\Phi_{3476}\ \Phi_{316}^2\ \Phi_{44}\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
153279	1908	1580	$\frac{1}{158}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{157}{316}$	$\Phi_{1580}\ \Phi_{790}^2\ \Phi_{395}^2\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
153280	1908	1907	$\frac{13}{1907}$	$\frac{320}{1907}$	$\frac{529}{1907}$	$\frac{947}{1907}$	$\Phi_{1907}\ \Phi_1^2$
153281	1908	2548	$\frac{5}{637}$	$\frac{107}{637}$	$\frac{1}{4}$	$\frac{316}{637}$	$\Phi_{2548}\ \Phi_{1274}\ \Phi_{364}\ \Phi_{196}\ \Phi_{182}\ \Phi_{98}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$
153282	1908	1785	$\frac{1}{105}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{52}{105}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}^2\ \Phi_{85}\ \Phi_{51}\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
153283	1908	210	$\frac{1}{105}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{52}{105}$	$\Phi_{210}^{10}\ \Phi_{105}^8\ \Phi_{70}^{10}\ \Phi_{42}^{10}\ \Phi_{35}^8\ \Phi_{30}^{11}\ \Phi_{21}^8\ \Phi_{15}^9\ \Phi_{14}^{10}\ \Phi_{10}^{10}\ \Phi_7^8\ \Phi_6^{11}\ \Phi_5^8\ \Phi_3^8\ \Phi_2^{10}\ \Phi_1^8$
153284	1908	1785	$\frac{1}{105}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{52}{105}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}\ \Phi_{105}^2\ \Phi_{85}\ \Phi_{51}\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
153285	1908	420	$\frac{1}{105}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{52}{105}$	$\Phi_{420}^6\ \Phi_{210}^6\ \Phi_{140}^6\ \Phi_{84}^6\ \Phi_{70}^6\ \Phi_{60}^6\ \Phi_{42}^6\ \Phi_{30}^6\ \Phi_{28}^7\ \Phi_{20}^6\ \Phi_{14}^7\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_2^6$
153286	1908	1907	$\frac{19}{1907}$	$\frac{107}{1907}$	$\frac{900}{1907}$	$\frac{944}{1907}$	$\Phi_{1907}\ \Phi_1^2$
153287	1908	364	$\frac{1}{91}$	$\frac{23}{182}$	$\frac{1}{4}$	$\frac{45}{91}$	$\Phi_{364}^7\ \Phi_{182}^3\ \Phi_{91}^4\ \Phi_{52}^7\ \Phi_{28}^7\ \Phi_{26}^3\ \Phi_{14}^3\ \Phi_{13}^4\ \Phi_7^4\ \Phi_4^6\ \Phi_2^2\ \Phi_1^4$
153288	1908	1907	$\frac{25}{1907}$	$\frac{161}{1907}$	$\frac{582}{1907}$	$\frac{941}{1907}$	$\Phi_{1907}\ \Phi_1^2$
153289	1908	710	$\frac{1}{71}$	$\frac{1}{10}$	$\frac{18}{71}$	$\frac{35}{71}$	$\Phi_{710}^3\ \Phi_{355}^3\ \Phi_{142}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2$
153290	1908	2233	$\frac{5}{319}$	$\frac{1}{7}$	$\frac{54}{319}$	$\frac{157}{319}$	$\Phi_{2233}\ \Phi_{203}\ \Phi_{77}$
153291	1908	1907	$\frac{31}{1907}$	$\frac{264}{1907}$	$\frac{323}{1907}$	$\frac{938}{1907}$	$\Phi_{1907}\ \Phi_1^2$
153292	1908	2548	$\frac{11}{637}$	$\frac{54}{637}$	$\frac{1}{4}$	$\frac{313}{637}$	$\Phi_{2548}\ \Phi_{1274}\ \Phi_{364}\ \Phi_{196}\ \Phi_{182}\ \Phi_{98}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$
153293	1908	1907	$\frac{33}{1907}$	$\frac{158}{1907}$	$\frac{485}{1907}$	$\frac{937}{1907}$	$\Phi_{1907}\ \Phi_1^2$
153294	1908	2865	$\frac{17}{955}$	$\frac{54}{955}$	$\frac{1}{3}$	$\frac{469}{955}$	$\Phi_{2865}\ \Phi_{573}\ \Phi_{15}$
153295	1908	3640	$\frac{1}{52}$	$\frac{1}{35}$	$\frac{17}{35}$	$\frac{51}{104}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{280}\ \Phi_{104}^2\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
153296	1908	5928	$\frac{1}{52}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{5928}\ \Phi_{456}\ \Phi_{57}$
153297	1908	3640	$\frac{1}{52}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{51}{104}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{280}\ \Phi_{104}^2\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
153298	1908	104	$\frac{1}{52}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{51}{104}$	$\Phi_{104}^{36}\ \Phi_{52}\ \Phi_{26}\ \Phi_8^{36}$
153299	1908	3640	$\frac{1}{52}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{51}{104}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{280}\ \Phi_{104}^2\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
153300	1908	520	$\frac{1}{52}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{51}{104}$	$\Phi_{520}^7\ \Phi_{104}^8\ \Phi_{40}^7\ \Phi_{10}^4\ \Phi_8^8\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
153301	1908	728	$\frac{1}{52}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{51}{104}$	$\Phi_{728}^5\ \Phi_{104}^6\ \Phi_{56}^5\ \Phi_8^6\ \Phi_7^5\ \Phi_1^6$
153302	1908	1372	$\frac{1}{49}$	$\frac{25}{343}$	$\frac{1}{4}$	$\frac{24}{49}$	$\Phi_{1372}^2\ \Phi_{686}^2\ \Phi_{196}\ \Phi_{98}\ \Phi_{28}\ \Phi_{14}$
153303	1908	4030	$\frac{4}{155}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{151}{310}$	$\Phi_{4030}\ \Phi_{806}\ \Phi_{130}\ \Phi_{65}\ \Phi_{26}$
153304	1908	2730	$\frac{1}{35}$	$\frac{1}{26}$	$\frac{25}{78}$	$\frac{17}{35}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{273}\ \Phi_{210}\ \Phi_{195}\ \Phi_{105}\ \Phi_{78}^2\ \Phi_{42}\ \Phi_{39}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
153305	1908	280	$\frac{1}{35}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{280}^7\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{56}^8\ \Phi_{40}^7\ \Phi_{35}^7\ \Phi_{28}^7\ \Phi_{20}^6\ \Phi_{14}^7\ \Phi_{10}^6\ \Phi_8^8\ \Phi_7^8\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^8$
153306	1908	455	$\frac{1}{35}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{17}{35}$	$\Phi_{455}^4\ \Phi_{91}^4\ \Phi_{65}^5\ \Phi_{35}^5\ \Phi_{13}^4\ \Phi_7^5\ \Phi_5^6\ \Phi_1^6$
153307	1908	832	$\frac{1}{32}$	$\frac{1}{13}$	$\frac{11}{64}$	$\frac{31}{64}$	$\Phi_{832}^2\ \Phi_{416}^3\ \Phi_{208}^3\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{13}^2$
153308	1908	308	$\frac{5}{154}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{149}{308}$	$\Phi_{308}^{12}\ \Phi_{77}\ \Phi_{44}^{12}\ \Phi_{28}^{12}\ \Phi_4^{12}$
153309	1908	406	$\frac{1}{29}$	$\frac{5}{58}$	$\frac{1}{7}$	$\frac{14}{29}$	$\Phi_{406}^6\ \Phi_{203}^5\ \Phi_{14}^6\ \Phi_7^4$
153310	1908	3774	$\frac{1}{37}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{3774}\ \Phi_{1258}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
153311	1908	3952	$\frac{7}{152}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{145}{304}$	$\Phi_{3952}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
153312	1908	2664	$\frac{1}{37}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{2664}\ \Phi_{888}\ \Phi_{666}\ \Phi_{333}\ \Phi_{296}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
153313	1908	918	$\frac{1}{54}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{54}^4\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{17}^2\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
153314	1908	1190	$\frac{1}{35}$	$\frac{1}{17}$	$\frac{17}{70}$	$\frac{8}{17}$	$\Phi_{1190}^2\ \Phi_{595}\ \Phi_{238}^2\ \Phi_{170}^2\ \Phi_{119}\ \Phi_{85}\ \Phi_{70}^4\ \Phi_{35}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^2\ \Phi_5^2\ \Phi_2^4\ \Phi_1^4$
153315	1908	935	$\frac{2}{55}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{935}^2\ \Phi_{187}^2\ \Phi_{85}\ \Phi_{55}^4\ \Phi_{17}^2\ \Phi_{11}^4\ \Phi_5^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
153316	1908	1071	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{10}{63}$	$\frac{8}{17}$	$\Phi_{1071}^2\ \Phi_{357}\ \Phi_{153}^2\ \Phi_{119}\ \Phi_{63}^4\ \Phi_{51}\ \Phi_{21}^2\ \Phi_{17}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
153317	1908	952	$\frac{3}{56}$	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{8}{17}$	$\Phi_{952}^2\ \Phi_{476}^2\ \Phi_{238}^2\ \Phi_{136}^2\ \Phi_{119}\ \Phi_{68}^2\ \Phi_{56}^4\ \Phi_{34}^2\ \Phi_{28}^4\ \Phi_{17}^2\ \Phi_{14}^4\ \Phi_8^4\ \Phi_7^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
153318	1908	1020	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{8}{17}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{204}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}\ \Phi_{68}^2\ \Phi_{60}^4\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
153319	1908	1300	$\frac{3}{50}$	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{47}{100}$	$\Phi_{1300}^3\ \Phi_{260}^3\ \Phi_{130}\ \Phi_{65}\ \Phi_{52}^3\ \Phi_{26}$
153320	1908	1300	$\frac{7}{325}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{1300}^2\ \Phi_{650}^2\ \Phi_{260}^2\ \Phi_{130}^2\ \Phi_{100}^2\ \Phi_{52}\ \Phi_{50}^2\ \Phi_{26}\ \Phi_{20}^2\ \Phi_{10}^2$
153321	1908	1998	$\frac{1}{54}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{1998}\ \Phi_{999}\ \Phi_{666}\ \Phi_{333}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
153322	1908	196	$\frac{1}{49}$	$\frac{4}{49}$	$\frac{1}{4}$	$\frac{45}{98}$	$\Phi_{196}^{13}\ \Phi_{98}\ \Phi_{49}^{12}\ \Phi_{28}^{13}\ \Phi_{14}\ \Phi_7^{12}\ \Phi_4^{12}\ \Phi_1^{12}$
153323	1908	869	$\frac{1}{79}$	$\frac{1}{11}$	$\frac{26}{79}$	$\frac{5}{11}$	$\Phi_{869}^2\ \Phi_{79}^4\ \Phi_{11}^3\ \Phi_1^6$
153324	1908	1188	$\frac{1}{54}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{1188}^2\ \Phi_{594}\ \Phi_{396}^2\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}^2\ \Phi_{108}^4\ \Phi_{99}\ \Phi_{66}\ \Phi_{54}^2\ \Phi_{44}\ \Phi_{36}^4\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^4\ \Phi_{11}\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
153325	1908	385	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{385}^6\ \Phi_{77}^5\ \Phi_{35}^6\ \Phi_7^4$
153326	1908	2030	$\frac{1}{29}$	$\frac{14}{145}$	$\frac{1}{7}$	$\frac{131}{290}$	$\Phi_{2030}^2\ \Phi_{406}^2\ \Phi_{203}\ \Phi_{70}^2\ \Phi_{14}^2$
153327	1908	3552	$\frac{1}{37}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{3552}\ \Phi_{1184}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
153328	1908	1248	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{5}{48}$	$\frac{43}{96}$	$\Phi_{1248}^3\ \Phi_{416}^3\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
153329	1908	1907	$\frac{26}{1907}$	$\frac{209}{1907}$	$\frac{529}{1907}$	$\frac{849}{1907}$	$\Phi_{1907}\ \Phi_1^2$
153330	1908	573	$\frac{2}{191}$	$\frac{21}{191}$	$\frac{1}{3}$	$\frac{85}{191}$	$\Phi_{573}^5\ \Phi_3^4$
153331	1908	1907	$\frac{20}{1907}$	$\frac{213}{1907}$	$\frac{629}{1907}$	$\frac{847}{1907}$	$\Phi_{1907}\ \Phi_1^2$
153332	1908	5136	$\frac{1}{107}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{5136}\ \Phi_{321}$
153333	1908	3376	$\frac{3}{211}$	$\frac{1}{8}$	$\frac{52}{211}$	$\frac{7}{16}$	$\Phi_{3376}\ \Phi_{211}\ \Phi_{16}^2\ \Phi_1^2$
153334	1908	2160	$\frac{1}{54}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{2160}^2\ \Phi_{720}^2\ \Phi_{270}\ \Phi_{240}^2\ \Phi_{135}\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
153335	1908	1998	$\frac{1}{54}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{1998}\ \Phi_{999}\ \Phi_{666}\ \Phi_{333}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
153336	1908	3640	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{19}{140}$	$\frac{121}{280}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
153337	1908	644	$\frac{2}{161}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{644}^4\ \Phi_{322}^4\ \Phi_{92}^4\ \Phi_{46}^4\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_4^2\ \Phi_2^2$
153338	1908	1907	$\frac{29}{1907}$	$\frac{313}{1907}$	$\frac{370}{1907}$	$\frac{797}{1907}$	$\Phi_{1907}\ \Phi_1^2$
153339	1908	364	$\frac{1}{91}$	$\frac{15}{91}$	$\frac{1}{4}$	$\frac{38}{91}$	$\Phi_{364}^7\ \Phi_{182}^7\ \Phi_{52}^7\ \Phi_{28}^7\ \Phi_{26}^7\ \Phi_{14}^7\ \Phi_4^6\ \Phi_2^6$
153340	1908	2220	$\frac{1}{37}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{740}\ \Phi_{555}\ \Phi_{370}\ \Phi_{222}\ \Phi_{185}\ \Phi_{111}\ \Phi_{74}$
153341	1908	3330	$\frac{1}{37}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{3330}\ \Phi_{1110}\ \Phi_{666}\ \Phi_{370}\ \Phi_{333}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
153342	1908	480	$\frac{1}{160}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{480}^6\ \Phi_{240}^6\ \Phi_{120}^6\ \Phi_{96}^6\ \Phi_{60}^6\ \Phi_{48}^6\ \Phi_{30}^6\ \Phi_{24}^6\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_6^6\ \Phi_3^4$
153343	1908	1585	$\frac{2}{317}$	$\frac{1}{5}$	$\frac{105}{317}$	$\frac{2}{5}$	$\Phi_{1585}\ \Phi_{317}^2\ \Phi_5^2\ \Phi_1^4$
153344	1908	2140	$\frac{1}{107}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{2140}\ \Phi_{1070}\ \Phi_{428}^2\ \Phi_{214}^2$
153345	1908	1585	$\frac{5}{317}$	$\frac{52}{317}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1585}\ \Phi_{317}^2\ \Phi_5^2\ \Phi_1^4$
153346	1908	1890	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}^2\ \Phi_{315}\ \Phi_{210}\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
153347	1908	1907	$\frac{11}{1907}$	$\frac{425}{1907}$	$\frac{632}{1907}$	$\frac{741}{1907}$	$\Phi_{1907}\ \Phi_1^2$
153348	1908	2080	$\frac{1}{160}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
153349	1908	3328	$\frac{1}{32}$	$\frac{1}{13}$	$\frac{31}{128}$	$\frac{97}{256}$	$\Phi_{3328}\ \Phi_{416}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
153350	1908	2292	$\frac{1}{191}$	$\frac{95}{382}$	$\frac{1}{3}$	$\frac{287}{764}$	$\Phi_{2292}^2\ \Phi_{573}\ \Phi_{12}^2$
153351	1908	2033	$\frac{1}{107}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	Φ_{2033}
153352	1908	1907	$\frac{23}{1907}$	$\frac{314}{1907}$	$\frac{531}{1907}$	$\frac{688}{1907}$	$\Phi_{1907}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
153353	1908	1998	$\frac{1}{54}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{1998}\ \Phi_{999}\ \Phi_{666}\ \Phi_{333}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
153354	1908	1040	$\frac{1}{40}$	$\frac{1}{13}$	$\frac{13}{40}$	$\frac{27}{80}$	$\Phi_{1040}^3\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}^3\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
153355	1908	1907	$\frac{32}{1907}$	$\frac{211}{1907}$	$\frac{625}{1907}$	$\frac{641}{1907}$	$\Phi_{1907}\ \Phi_1^2$
153356	1908	2233	$\frac{4}{319}$	$\frac{1}{7}$	$\frac{105}{319}$	$\frac{107}{319}$	$\Phi_{2233}\ \Phi_{203}\ \Phi_{77}$
153357	1908	1907	$\frac{14}{1907}$	$\frac{423}{1907}$	$\frac{631}{1907}$	$\frac{638}{1907}$	$\Phi_{1907}\ \Phi_1^2$
153358	1908	2548	$\frac{4}{637}$	$\frac{1}{4}$	$\frac{211}{637}$	$\frac{213}{637}$	$\Phi_{2548}\ \Phi_{1274}\ \Phi_{364}\ \Phi_{196}\ \Phi_{182}\ \Phi_{98}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$
153359	1908	1907	$\frac{8}{1907}$	$\frac{633}{1907}$	$\frac{635}{1907}$	$\frac{637}{1907}$	$\Phi_{1907}\ \Phi_1^2$
153360	1908	2865	$\frac{4}{955}$	$\frac{317}{955}$	$\frac{1}{3}$	$\frac{319}{955}$	$\Phi_{2865}\ \Phi_{573}\ \Phi_{15}$
153361	1908	714	$\frac{1}{238}$	$\frac{79}{238}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{238}^4\ \Phi_{119}^4\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{42}^2\ \Phi_{34}^4\ \Phi_{21}^2\ \Phi_{17}^4\ \Phi_{14}^4\ \Phi_7^4\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
153362	1908	480	$\frac{1}{160}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^6\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^6\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^6\ \Phi_{32}^6\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^6\ \Phi_{16}^6\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^6\ \Phi_8^6\ \Phi_6^2\ \Phi_5^6\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
153363	1908	1785	$\frac{1}{119}$	$\frac{118}{595}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{595}^2\ \Phi_{255}\ \Phi_{105}\ \Phi_{85}^2\ \Phi_{35}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
153364	1908	483	$\frac{2}{161}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{483}^3\ \Phi_{161}^6\ \Phi_{69}^3\ \Phi_{23}^6\ \Phi_{21}^2\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
153365	1908	1632	$\frac{1}{68}$	$\frac{67}{544}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}^2\ \Phi_{408}\ \Phi_{272}^2\ \Phi_{136}^2\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
153366	1908	357	$\frac{2}{119}$	$\frac{13}{119}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{357}^4\ \Phi_{119}^8\ \Phi_{51}^4\ \Phi_{21}^4\ \Phi_{17}^8\ \Phi_7^8\ \Phi_3^5\ \Phi_1^{10}$
153367	1908	270	$\frac{1}{54}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{270}^8\ \Phi_{135}^8\ \Phi_{90}^8\ \Phi_{54}^4\ \Phi_{45}^8\ \Phi_{30}^7\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_9^4\ \Phi_6^3\ \Phi_5^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
153368	1908	1470	$\frac{13}{490}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}^2\ \Phi_{294}\ \Phi_{245}^2\ \Phi_{210}\ \Phi_{147}\ \Phi_{105}\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
153369	1908	510	$\frac{1}{34}$	$\frac{11}{170}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{510}^3\ \Phi_{255}^3\ \Phi_{170}^6\ \Phi_{102}^2\ \Phi_{85}^6\ \Phi_{51}^2\ \Phi_{34}^4\ \Phi_{30}^3\ \Phi_{17}^4\ \Phi_{15}^3\ \Phi_{10}^6\ \Phi_6^2\ \Phi_5^6\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
153370	1908	1479	$\frac{16}{493}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1479}\ \Phi_{493}^2\ \Phi_{87}\ \Phi_{29}^2\ \Phi_3\ \Phi_1^2$
153371	1908	168	$\frac{1}{28}$	$\frac{3}{56}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{168}^9\ \Phi_{84}^8\ \Phi_{56}^{18}\ \Phi_{42}^8\ \Phi_{28}^{16}\ \Phi_{24}^9\ \Phi_{21}^8\ \Phi_{14}^{16}\ \Phi_{12}^8\ \Phi_8^{18}\ \Phi_7^{16}\ \Phi_6^8\ \Phi_4^{16}\ \Phi_3^9\ \Phi_2^{16}\ \Phi_1^{18}$
153372	1908	3804	$\frac{2}{317}$	$\frac{1}{4}$	$\frac{105}{317}$	$\frac{1}{3}$	$\Phi_{3804}\ \Phi_{1902}\ \Phi_{12}^2\ \Phi_6^2$
153373	1908	2865	$\frac{7}{955}$	$\frac{213}{955}$	$\frac{316}{955}$	$\frac{1}{3}$	$\Phi_{2865}\ \Phi_{573}\ \Phi_{15}$
153374	1908	1425	$\frac{4}{475}$	$\frac{1}{5}$	$\frac{157}{475}$	$\frac{1}{3}$	$\Phi_{1425}^2\ \Phi_{285}^2\ \Phi_{75}^2\ \Phi_{57}^2\ \Phi_{15}^3\ \Phi_3^2$
153375	1908	1659	$\frac{1}{79}$	$\frac{1}{7}$	$\frac{26}{79}$	$\frac{1}{3}$	$\Phi_{1659}^2\ \Phi_{21}^3$
153376	1908	2865	$\frac{16}{955}$	$\frac{107}{955}$	$\frac{313}{955}$	$\frac{1}{3}$	$\Phi_{2865}\ \Phi_{573}\ \Phi_{15}$
153377	1908	630	$\frac{2}{105}$	$\frac{1}{10}$	$\frac{103}{315}$	$\frac{1}{3}$	$\Phi_{630}^5\ \Phi_{315}^4\ \Phi_{126}^5\ \Phi_{90}^5\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{30}\ \Phi_{18}^5\ \Phi_{15}\ \Phi_9^4\ \Phi_6$
153378	1908	1482	$\frac{1}{26}$	$\frac{1}{19}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{1482}\ \Phi_{741}\ \Phi_{494}^2\ \Phi_{247}^2\ \Phi_{114}\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2$
153379	1908	918	$\frac{1}{54}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{54}^4\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{17}^2\ \Phi_9^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
153380	1908	2865	$\frac{13}{955}$	$\frac{157}{955}$	$\frac{266}{955}$	$\frac{1}{3}$	$\Phi_{2865}\ \Phi_{573}\ \Phi_{15}$
153381	1908	1284	$\frac{1}{107}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1284}^2\ \Phi_{642}^2\ \Phi_{321}^3$
153382	1908	3804	$\frac{5}{317}$	$\frac{52}{317}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3804}\ \Phi_{1902}\ \Phi_{12}^2\ \Phi_6^2$
153383	1908	756	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{756}^4\ \Phi_{378}^2\ \Phi_{252}^4\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{84}^3\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{28}^4\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2$
153384	1908	3192	$\frac{1}{19}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3192}\ \Phi_{1596}\ \Phi_{798}\ \Phi_{456}\ \Phi_{399}\ \Phi_{57}$
153385	1908	210	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{17}{70}$	$\frac{1}{3}$	$\Phi_{210}^{13}\ \Phi_{105}^{14}\ \Phi_{42}^{13}\ \Phi_{30}^{14}\ \Phi_{21}^{14}\ \Phi_{15}^{15}\ \Phi_6^{14}\ \Phi_3^{14}$
153386	1908	570	$\frac{2}{95}$	$\frac{31}{190}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{570}^6\ \Phi_{285}^4\ \Phi_{114}^6\ \Phi_{57}^4\ \Phi_{30}^6\ \Phi_{15}^5\ \Phi_6^6\ \Phi_3^4$
153387	1908	975	$\frac{7}{325}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{975}^3\ \Phi_{195}^3\ \Phi_{75}^2\ \Phi_{39}^3\ \Phi_{15}^3\ \Phi_3^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
153388	1908	330	$\frac{2}{55}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{330}^{10}\ \Phi_{165}^{8}\ \Phi_{66}^{10}\ \Phi_{33}^{8}\ \Phi_{30}^{6}\ \Phi_{15}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{4}$
153389	1908	3135	$\frac{4}{95}$	$\frac{91}{1045}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3135}\ \Phi_{627}\ \Phi_{165}\ \Phi_{33}\ \Phi_{15}$
153390	1908	1500	$\frac{23}{500}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1500}^{2}\ \Phi_{750}^{2}\ \Phi_{375}^{2}\ \Phi_{300}^{2}\ \Phi_{150}^{2}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
153391	1908	3705	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{3705}\ \Phi_{285}\ \Phi_{57}$
153392	1908	573	$\frac{5}{191}$	$\frac{31}{191}$	$\frac{32}{191}$	$\frac{1}{3}$	$\Phi_{573}^{5}\ \Phi_{3}^{4}$
153393	1908	630	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{10}{63}$	$\frac{1}{3}$	$\Phi_{630}^{4}\ \Phi_{315}^{4}\ \Phi_{210}^{2}\ \Phi_{126}^{4}\ \Phi_{105}^{2}\ \Phi_{90}^{4}\ \Phi_{70}^{2}\ \Phi_{45}^{4}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{18}^{4}\ \Phi_{15}^{3}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}$
153394	1908	840	$\frac{3}{56}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{840}^{4}\ \Phi_{420}^{4}\ \Phi_{210}^{3}\ \Phi_{168}^{2}\ \Phi_{120}^{4}\ \Phi_{105}^{3}\ \Phi_{84}^{2}\ \Phi_{60}^{4}\ \Phi_{42}\ \Phi_{30}^{4}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{4}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
153395	1908	450	$\frac{13}{225}$	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{450}^{5}\ \Phi_{225}^{4}\ \Phi_{150}^{5}\ \Phi_{90}^{5}\ \Phi_{75}^{4}\ \Phi_{50}^{5}\ \Phi_{45}^{4}\ \Phi_{30}\ \Phi_{25}^{4}\ \Phi_{18}^{5}\ \Phi_{15}\ \Phi_{9}^{4}\ \Phi_{6}$
153396	1908	60	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{7}{60}$	$\frac{1}{3}$	$\Phi_{60}^{36}\ \Phi_{30}^{27}\ \Phi_{20}^{36}\ \Phi_{15}^{29}\ \Phi_{12}^{36}\ \Phi_{10}^{26}\ \Phi_{6}^{27}\ \Phi_{5}^{28}\ \Phi_{4}^{36}\ \Phi_{3}^{28}\ \Phi_{2}^{26}\ \Phi_{1}^{28}$
153397	1908	2310	$\frac{19}{231}$	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{385}\ \Phi_{330}\ \Phi_{165}\ \Phi_{154}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{6}$
153398	1908	1092	$\frac{1}{91}$	$\frac{61}{273}$	$\frac{1}{4}$	$\frac{30}{91}$	$\Phi_{1092}^{3}\ \Phi_{546}^{3}\ \Phi_{364}\ \Phi_{182}\ \Phi_{156}^{3}\ \Phi_{84}^{3}\ \Phi_{78}^{3}\ \Phi_{52}\ \Phi_{42}^{3}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
153399	1908	869	$\frac{1}{79}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{26}{79}$	$\Phi_{869}^{2}\ \Phi_{79}^{4}\ \Phi_{11}^{3}\ \Phi_{1}^{6}$
153400	1908	1580	$\frac{1}{79}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{26}{79}$	$\Phi_{1580}^{2}\ \Phi_{790}^{2}\ \Phi_{20}^{3}\ \Phi_{10}^{3}$
153401	1908	1907	$\frac{26}{1907}$	$\frac{320}{1907}$	$\frac{529}{1907}$	$\frac{627}{1907}$	$\Phi_{1907}\ \Phi_{1}^{2}$
153402	1908	2390	$\frac{7}{478}$	$\frac{1}{5}$	$\frac{107}{478}$	$\frac{157}{478}$	$\Phi_{2390}\ \Phi_{1195}\ \Phi_{10}$
153403	1908	1907	$\frac{29}{1907}$	$\frac{370}{1907}$	$\frac{427}{1907}$	$\frac{626}{1907}$	$\Phi_{1907}\ \Phi_{1}^{2}$
153404	1908	2548	$\frac{10}{637}$	$\frac{107}{637}$	$\frac{1}{4}$	$\frac{209}{637}$	$\Phi_{2548}\ \Phi_{1274}\ \Phi_{364}\ \Phi_{196}\ \Phi_{182}\ \Phi_{98}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$
153405	1908	1260	$\frac{2}{105}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{103}{315}$	$\Phi_{1260}^{3}\ \Phi_{630}^{3}\ \Phi_{252}^{3}\ \Phi_{180}^{3}\ \Phi_{126}^{3}\ \Phi_{90}^{3}\ \Phi_{36}^{3}\ \Phi_{28}\ \Phi_{18}^{3}\ \Phi_{14}$
153406	1908	980	$\frac{1}{49}$	$\frac{33}{245}$	$\frac{1}{4}$	$\frac{16}{49}$	$\Phi_{980}^{3}\ \Phi_{490}^{3}\ \Phi_{196}\ \Phi_{140}^{3}\ \Phi_{98}\ \Phi_{70}^{3}\ \Phi_{28}\ \Phi_{20}^{3}\ \Phi_{14}\ \Phi_{10}^{3}$
153407	1908	2730	$\frac{1}{26}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{25}{78}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{273}\ \Phi_{210}\ \Phi_{195}\ \Phi_{105}\ \Phi_{78}^{2}\ \Phi_{42}\ \Phi_{39}^{2}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
153408	1908	156	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{25}{78}$	$\Phi_{156}^{24}\ \Phi_{78}^{12}\ \Phi_{52}\ \Phi_{39}^{12}\ \Phi_{26}\ \Phi_{12}^{24}\ \Phi_{6}^{12}\ \Phi_{3}^{12}$
153409	1908	2730	$\frac{1}{26}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{25}{78}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{273}\ \Phi_{210}\ \Phi_{195}\ \Phi_{105}\ \Phi_{78}^{2}\ \Phi_{42}\ \Phi_{39}^{2}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
153410	1908	390	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{25}{78}$	$\Phi_{390}^{7}\ \Phi_{195}^{7}\ \Phi_{78}^{8}\ \Phi_{39}^{8}\ \Phi_{30}^{7}\ \Phi_{15}^{7}\ \Phi_{10}^{4}\ \Phi_{6}^{8}\ \Phi_{5}^{3}\ \Phi_{3}^{8}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
153411	1908	546	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{25}{78}$	$\Phi_{546}^{5}\ \Phi_{273}^{5}\ \Phi_{78}^{6}\ \Phi_{42}^{5}\ \Phi_{39}^{6}\ \Phi_{21}^{5}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
153412	1908	280	$\frac{3}{56}$	$\frac{2}{35}$	$\frac{1}{4}$	$\frac{11}{35}$	$\Phi_{280}^{7}\ \Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{56}^{8}\ \Phi_{40}^{7}\ \Phi_{35}^{7}\ \Phi_{28}^{7}\ \Phi_{20}^{6}\ \Phi_{14}^{7}\ \Phi_{10}^{6}\ \Phi_{8}^{8}\ \Phi_{7}^{8}\ \Phi_{5}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
153413	1908	455	$\frac{2}{35}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{11}{35}$	$\Phi_{455}^{4}\ \Phi_{91}^{4}\ \Phi_{65}^{5}\ \Phi_{35}^{5}\ \Phi_{13}^{4}\ \Phi_{7}^{5}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
153414	1908	832	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{11}{64}$	$\frac{5}{16}$	$\Phi_{832}^{3}\ \Phi_{416}^{3}\ \Phi_{208}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}$
153415	1908	77	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{24}{77}$	$\Phi_{77}^{25}\ \Phi_{11}^{24}\ \Phi_{7}^{24}\ \Phi_{1}^{24}$
153416	1908	406	$\frac{2}{29}$	$\frac{5}{58}$	$\frac{1}{7}$	$\frac{9}{29}$	$\Phi_{406}^{6}\ \Phi_{203}^{5}\ \Phi_{14}^{6}\ \Phi_{7}^{4}$
153417	1908	884	$\frac{9}{221}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{884}^{3}\ \Phi_{442}^{3}\ \Phi_{68}^{3}\ \Phi_{52}\ \Phi_{34}^{3}\ \Phi_{26}$
153418	1908	780	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{7}{60}$	$\frac{3}{10}$	$\Phi_{780}^{3}\ \Phi_{390}^{3}\ \Phi_{260}^{3}\ \Phi_{195}^{3}\ \Phi_{156}^{3}\ \Phi_{130}\ \Phi_{78}^{3}\ \Phi_{65}\ \Phi_{52}^{3}\ \Phi_{39}^{3}\ \Phi_{26}$
153419	1908	1190	$\frac{1}{35}$	$\frac{2}{17}$	$\frac{17}{70}$	$\frac{5}{17}$	$\Phi_{1190}^{2}\ \Phi_{595}\ \Phi_{238}^{2}\ \Phi_{170}^{2}\ \Phi_{119}\ \Phi_{85}\ \Phi_{70}^{4}\ \Phi_{35}^{2}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
153420	1908	935	$\frac{2}{55}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{935}^{2}\ \Phi_{187}^{2}\ \Phi_{85}\ \Phi_{55}^{4}\ \Phi_{17}^{2}\ \Phi_{11}^{4}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
153421	1908	1071	$\frac{1}{21}$	$\frac{2}{17}$	$\frac{10}{63}$	$\frac{5}{17}$	$\Phi_{1071}^{2}\ \Phi_{357}\ \Phi_{153}^{2}\ \Phi_{119}\ \Phi_{63}^{4}\ \Phi_{51}\ \Phi_{21}^{2}\ \Phi_{17}^{2}\ \Phi_{9}^{4}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
153422	1908	952	$\frac{3}{56}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{5}{17}$	$\Phi_{952}^{2}\ \Phi_{476}^{2}\ \Phi_{238}^{2}\ \Phi_{136}^{2}\ \Phi_{119}\ \Phi_{68}^{2}\ \Phi_{56}^{4}\ \Phi_{34}^{2}\ \Phi_{28}^{4}\ \Phi_{17}^{2}\ \Phi_{14}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
153423	1908	1020	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{204}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}\ \Phi_{68}^2\ \Phi_{60}^4\ \Phi_{51}$ $\Phi_{34}^2\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
153424	1908	868	$\frac{5}{217}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{868}^3\ \Phi_{434}^3\ \Phi_{124}^3\ \Phi_{62}^3\ \Phi_{28}\ \Phi_{14}$
153425	1908	588	$\frac{1}{49}$	$\frac{8}{49}$	$\frac{1}{4}$	$\frac{41}{147}$	$\Phi_{588}^6\ \Phi_{294}^6\ \Phi_{196}\ \Phi_{98}\ \Phi_{84}^6\ \Phi_{42}^6\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}^6\ \Phi_6^6$
153426	1908	1188	$\frac{1}{54}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{1188}^2\ \Phi_{594}\ \Phi_{396}^2\ \Phi_{297}\ \Phi_{198}\ \Phi_{132}^2\ \Phi_{108}^4\ \Phi_{99}\ \Phi_{66}\ \Phi_{54}^2\ \Phi_{44}$ $\Phi_{36}^4\ \Phi_{33}\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^4\ \Phi_{11}\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
153427	1908	1998	$\frac{1}{54}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{1998}\ \Phi_{999}\ \Phi_{666}\ \Phi_{333}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
153428	1908	1015	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{28}{145}$	$\frac{39}{145}$	$\Phi_{1015}^2\ \Phi_{203}^3\ \Phi_{35}^2\ \Phi_7^2$
153429	1908	2664	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{2664}\ \Phi_{1332}\ \Phi_{666}\ \Phi_{333}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}$
153430	1908	1907	$\frac{27}{1907}$	$\frac{470}{1907}$	$\frac{476}{1907}$	$\frac{479}{1907}$	$\Phi_{1907}\ \Phi_1^2$
153431	1908	2548	$\frac{9}{637}$	$\frac{157}{637}$	$\frac{1}{4}$	$\frac{160}{637}$	$\Phi_{2548}\ \Phi_{1274}\ \Phi_{364}\ \Phi_{196}\ \Phi_{182}\ \Phi_{98}\ \Phi_{52}\ \Phi_{28}\ \Phi_{26}\ \Phi_{14}$
153432	1908	844	$\frac{3}{211}$	$\frac{52}{211}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{844}^2\ \Phi_{422}^2\ \Phi_{211}^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
153433	1908	540	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{540}^4\ \Phi_{270}^5\ \Phi_{180}^4\ \Phi_{135}^5\ \Phi_{90}^5\ \Phi_{60}^4\ \Phi_{45}^5\ \Phi_{30}^5\ \Phi_{20}^2\ \Phi_{15}^5\ \Phi_{10}^3\ \Phi_5^2$
153434	1908	728	$\frac{3}{56}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{728}^3\ \Phi_{364}^3\ \Phi_{182}^3\ \Phi_{104}^3\ \Phi_{91}^3\ \Phi_{52}\ \Phi_{26}$
153435	1908	196	$\frac{1}{49}$	$\frac{37}{196}$	$\frac{12}{49}$	$\frac{1}{4}$	$\Phi_{196}^9\ \Phi_{98}^9\ \Phi_{49}^{12}\ \Phi_{28}^9\ \Phi_{14}^9\ \Phi_7^{12}\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{12}$
153436	1908	140	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{17}{70}$	$\frac{1}{4}$	$\Phi_{140}^{18}\ \Phi_{70}^6\ \Phi_{35}^{12}\ \Phi_{28}^{19}\ \Phi_{20}^{18}\ \Phi_{14}^7\ \Phi_{10}^6\ \Phi_7^{12}\ \Phi_5^{12}\ \Phi_4^{18}\ \Phi_2^6\ \Phi_1^{12}$
153437	1908	364	$\frac{3}{91}$	$\frac{23}{182}$	$\frac{22}{91}$	$\frac{1}{4}$	$\Phi_{364}^7\ \Phi_{182}^3\ \Phi_{91}^4\ \Phi_{52}^7\ \Phi_{28}^7\ \Phi_{26}^3\ \Phi_{14}^3\ \Phi_{13}^4\ \Phi_7^4\ \Phi_4^6\ \Phi_2^2\ \Phi_1^4$
153438	1908	208	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{49}{208}$	$\frac{1}{4}$	$\Phi_{208}^{12}\ \Phi_{104}^{12}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}^{12}\ \Phi_8^{12}$
153439	1908	676	$\frac{10}{169}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{676}^4\ \Phi_{338}^4\ \Phi_{52}\ \Phi_{26}$
153440	1908	280	$\frac{3}{56}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{4}$	$\Phi_{280}^7\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{56}^8\ \Phi_{40}^7\ \Phi_{35}^7\ \Phi_{28}^7\ \Phi_{20}^6\ \Phi_{14}^7\ \Phi_{10}^6\ \Phi_8^8\ \Phi_7^8\ \Phi_5^7$ $\Phi_4^6\ \Phi_2^6\ \Phi_1^8$
153441	1908	1540	$\frac{2}{55}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1540}^2\ \Phi_{770}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}^2\ \Phi_{14}^2$
153442	1908	280	$\frac{3}{56}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{280}^7\ \Phi_{140}^7\ \Phi_{70}^7\ \Phi_{56}^8\ \Phi_{40}^7\ \Phi_{35}^7\ \Phi_{28}^8\ \Phi_{14}^8\ \Phi_{10}^4\ \Phi_8^8\ \Phi_7^8\ \Phi_5^3\ \Phi_2^4$ Φ_1^4
153443	1908	260	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{4}$	$\Phi_{260}^{12}\ \Phi_{130}^{12}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}^{12}\ \Phi_{10}^{12}$
153444	1908	2660	$\frac{29}{665}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{532}\ \Phi_{380}\ \Phi_{266}\ \Phi_{190}\ \Phi_{76}\ \Phi_{38}\ \Phi_{28}\ \Phi_{14}$
153445	1908	252	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{10}{63}$	$\frac{1}{4}$	$\Phi_{252}^{12}\ \Phi_{126}^{12}\ \Phi_{84}^6\ \Phi_{42}^6\ \Phi_{36}^{12}\ \Phi_{28}^7\ \Phi_{18}^{12}\ \Phi_{14}^7\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_2^6$
153446	1908	468	$\frac{1}{13}$	$\frac{11}{117}$	$\frac{2}{13}$	$\frac{1}{4}$	$\Phi_{468}^6\ \Phi_{234}^6\ \Phi_{156}^6\ \Phi_{78}^6\ \Phi_{52}\ \Phi_{36}^6\ \Phi_{26}\ \Phi_{18}^6\ \Phi_{12}^6\ \Phi_6^6$
153447	1908	56	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{56}^{36}\ \Phi_{28}^{31}\ \Phi_{14}^{31}\ \Phi_8^{36}\ \Phi_7^{36}\ \Phi_4^{30}\ \Phi_2^{30}\ \Phi_1^{36}$
153448	1908	980	$\frac{2}{35}$	$\frac{33}{245}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{980}^3\ \Phi_{490}^3\ \Phi_{196}^3\ \Phi_{98}^3\ \Phi_{28}\ \Phi_{14}$
153449	1908	420	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^5\ \Phi_{105}^6\ \Phi_{84}^5\ \Phi_{70}^5\ \Phi_{42}^5\ \Phi_{35}^6\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_7^6$
153450	1908	924	$\frac{19}{231}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{924}^3\ \Phi_{462}^3\ \Phi_{308}^3\ \Phi_{154}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{28}\ \Phi_{22}^3\ \Phi_{14}$
153451	1908	700	$\frac{3}{35}$	$\frac{16}{175}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{700}^4\ \Phi_{350}^4\ \Phi_{140}^2\ \Phi_{100}^4\ \Phi_{70}^2\ \Phi_{50}^4\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_4^2\ \Phi_2^2$
153452	1908	364	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{182}$	$\frac{1}{4}$	$\Phi_{364}^8\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{52}\ \Phi_{28}^8\ \Phi_{26}\ \Phi_{14}^4\ \Phi_7^4$
153453	1908	455	$\frac{1}{13}$	$\frac{3}{35}$	$\frac{12}{65}$	$\frac{8}{35}$	$\Phi_{455}^4\ \Phi_{91}^4\ \Phi_{65}^5\ \Phi_{35}^5\ \Phi_{13}^4\ \Phi_7^5\ \Phi_5^6\ \Phi_1^6$
153454	1908	1232	$\frac{1}{11}$	$\frac{17}{176}$	$\frac{1}{7}$	$\frac{5}{22}$	$\Phi_{1232}^2\ \Phi_{616}^2\ \Phi_{308}^2\ \Phi_{112}^2\ \Phi_{77}\ \Phi_{56}^2\ \Phi_{28}^2$
153455	1908	2600	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{200}$	$\Phi_{2600}\ \Phi_{1300}\ \Phi_{520}\ \Phi_{260}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}$
153456	1908	130	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{12}{65}$	$\frac{1}{5}$	$\Phi_{130}^{16}\ \Phi_{65}^{13}\ \Phi_{26}^{16}\ \Phi_{13}^{12}\ \Phi_{10}^{20}\ \Phi_5^{16}\ \Phi_2^{20}\ \Phi_1^{16}$
153457	1908	455	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{12}{65}$	$\Phi_{455}^5\ \Phi_{65}^6\ \Phi_{35}^5\ \Phi_7^5\ \Phi_5^6\ \Phi_1^6$
153458	1908	385	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{7}$	$\frac{67}{385}$	$\Phi_{385}^6\ \Phi_{77}\ \Phi_{55}^6\ \Phi_{35}^6\ \Phi_5^6$
153459	1909	3808	$\frac{5}{1904}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1899}{3808}$	$\Phi_{3808}\ \Phi_{544}\ \Phi_{224}\ \Phi_{32}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
153460	1909	3392	$\frac{1}{212}$	$\frac{213}{1696}$	$\frac{1483}{3392}$	$\frac{211}{424}$	$\Phi_{3392}\ \Phi_{424}\ \Phi_{64}\ \Phi_{8}\ \Phi_{1}$
153461	1909	2544	$\frac{1}{212}$	$\frac{635}{2544}$	$\frac{213}{848}$	$\frac{211}{424}$	$\Phi_{2544}\ \Phi_{1272}\ \Phi_{636}\ \Phi_{424}\ \Phi_{318}\ \Phi_{159}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
153462	1909	3792	$\frac{13}{1896}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1883}{3792}$	$\Phi_{3792}\ \Phi_{1264}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
153463	1909	2184	$\frac{2}{273}$	$\frac{275}{2184}$	$\frac{1}{3}$	$\frac{271}{546}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{364}\ \Phi_{312}\ \Phi_{273}\ \Phi_{168}\ \Phi_{156}\ \Phi_{104}\ \Phi_{91}\ \Phi_{84}\ \Phi_{56}\ \Phi_{52}\ \Phi_{39}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
153464	1909	3780	$\frac{19}{1890}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1871}{3780}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{108}\ \Phi_{84}\ \Phi_{60}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
153465	1909	3780	$\frac{19}{1890}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1871}{3780}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{108}\ \Phi_{84}\ \Phi_{60}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
153466	1909	1804	$\frac{1}{82}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{81}{164}$	$\Phi_{902}^2\ \Phi_{451}^2\ \Phi_{164}\ \Phi_{82}^2\ \Phi_{44}\ \Phi_{41}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
153467	1909	5412	$\frac{1}{82}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{81}{164}$	$\Phi_{5412}\ \Phi_{492}\ \Phi_{164}\ \Phi_{132}\ \Phi_{33}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
153468	1909	2556	$\frac{8}{639}$	$\frac{1}{9}$	$\frac{647}{2556}$	$\frac{631}{1278}$	$\Phi_{2556}\ \Phi_{852}\ \Phi_{639}\ \Phi_{284}\ \Phi_{213}\ \Phi_{71}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
153469	1909	2058	$\frac{2}{147}$	$\frac{149}{2058}$	$\frac{1}{3}$	$\frac{145}{294}$	$\Phi_{2058}\ \Phi_{1029}\ \Phi_{686}\ \Phi_{343}\ \Phi_{147}\ \Phi_{49}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
153470	1909	3744	$\frac{37}{1872}$	$\frac{1}{36}$	$\frac{35}{72}$	$\frac{1835}{3744}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{96}\ \Phi_{72}\ \Phi_{32}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
153471	1909	3744	$\frac{37}{1872}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1835}{3744}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{96}\ \Phi_{39}\ \Phi_{32}\ \Phi_{13}\ \Phi_{1}$
153472	1909	3744	$\frac{37}{1872}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1835}{3744}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
153473	1909	648	$\frac{2}{81}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{648}^3\ \Phi_{324}^3\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^3\ \Phi_{81}^3\ \Phi_{72}^3\ \Phi_{54}^2\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{24}^5\ \Phi_{18}^2\ \Phi_{12}^5\ \Phi_{9}^3\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
153474	1909	3720	$\frac{49}{1860}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1811}{3720}$	$\Phi_{3720}\ \Phi_{1240}\ \Phi_{744}\ \Phi_{248}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
153475	1909	2808	$\frac{1}{36}$	$\frac{37}{936}$	$\frac{899}{2808}$	$\frac{35}{72}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
153476	1909	2016	$\frac{1}{36}$	$\frac{107}{2016}$	$\frac{37}{144}$	$\frac{35}{72}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
153477	1909	2304	$\frac{11}{384}$	$\frac{1}{12}$	$\frac{395}{2304}$	$\frac{373}{768}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
153478	1909	2088	$\frac{5}{174}$	$\frac{179}{2088}$	$\frac{1}{6}$	$\frac{169}{348}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{522}\ \Phi_{261}\ \Phi_{232}\ \Phi_{174}\ \Phi_{87}\ \Phi_{72}\ \Phi_{58}\ \Phi_{36}\ \Phi_{29}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
153479	1909	3696	$\frac{61}{1848}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1787}{3696}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{112}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
153480	1909	336	$\frac{1}{28}$	$\frac{1}{24}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{336}^8\ \Phi_{168}^4\ \Phi_{112}^7\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{48}^8\ \Phi_{42}^4\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^4\ \Phi_{16}^7\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{7}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
153481	1909	480	$\frac{3}{80}$	$\frac{1}{24}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{480}^8\ \Phi_{160}^7\ \Phi_{96}^8\ \Phi_{32}^7\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
153482	1909	3672	$\frac{1}{36}$	$\frac{73}{1836}$	$\frac{35}{108}$	$\frac{1763}{3672}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{216}\ \Phi_{136}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
153483	1909	5412	$\frac{1}{41}$	$\frac{1}{22}$	$\frac{40}{123}$	$\frac{21}{44}$	$\Phi_{5412}\ \Phi_{492}\ \Phi_{132}\ \Phi_{123}\ \Phi_{44}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
153484	1909	3648	$\frac{85}{1824}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1739}{3648}$	$\Phi_{3648}\ \Phi_{1216}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
153485	1909	1950	$\frac{41}{1950}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{390}\ \Phi_{325}\ \Phi_{195}\ \Phi_{150}\ \Phi_{130}\ \Phi_{75}\ \Phi_{65}\ \Phi_{50}\ \Phi_{39}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
153486	1909	2592	$\frac{1}{36}$	$\frac{35}{648}$	$\frac{683}{2592}$	$\frac{613}{1296}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{648}\ \Phi_{324}\ \Phi_{288}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{96}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
153487	1909	3600	$\frac{109}{1800}$	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1691}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
153488	1909	312	$\frac{1}{24}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{73}{156}$	$\Phi_{312}^6\ \Phi_{156}^5\ \Phi_{104}^6\ \Phi_{78}^6\ \Phi_{52}^5\ \Phi_{39}^6\ \Phi_{26}^6\ \Phi_{24}^{11}\ \Phi_{13}^6\ \Phi_{12}^{10}\ \Phi_{8}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
153489	1909	1980	$\frac{71}{1980}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{36}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
153490	1909	1848	$\frac{1}{24}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{154}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}^2\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}^2\ \Phi_{77}\ \Phi_{66}\ \Phi_{56}^2\ \Phi_{44}\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
153491	1909	3528	$\frac{2}{147}$	$\frac{145}{1764}$	$\frac{1}{3}$	$\frac{1619}{3528}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{392}\ \Phi_{168}\ \Phi_{147}\ \Phi_{72}\ \Phi_{56}\ \Phi_{49}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$
153492	1909	96	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{11}{24}$	$\Phi_{96}^{23}\ \Phi_{48}^{23}\ \Phi_{32}^{23}\ \Phi_{24}^{11}\ \Phi_{16}^{23}\ \Phi_{12}^{10}\ \Phi_8^{11}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
153493	1909	84	$\frac{1}{84}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{84}^{23}\ \Phi_{42}^{22}\ \Phi_{28}^{23}\ \Phi_{21}^{23}\ \Phi_{14}^{22}\ \Phi_{12}^{23}\ \Phi_7^{23}\ \Phi_6^{22}\ \Phi_4^{23}\ \Phi_3^{22}\ \Phi_2^{22}\ \Phi_1^{23}$
153494	1909	3480	$\frac{5}{174}$	$\frac{169}{1740}$	$\frac{1}{6}$	$\frac{1571}{3480}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{696}\ \Phi_{232}\ \Phi_{174}\ \Phi_{120}\ \Phi_{87}\ \Phi_{58}\ \Phi_{40}\ \Phi_{29}\ \Phi_{24}\ \Phi_8\ \Phi_1$
153495	1909	3456	$\frac{1}{36}$	$\frac{181}{1728}$	$\frac{35}{216}$	$\frac{1547}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{216}\ \Phi_{128}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
153496	1909	3456	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{181}{1728}$	$\frac{1547}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
153497	1909	672	$\frac{1}{84}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{672}^4\ \Phi_{224}^4\ \Phi_{168}^4\ \Phi_{96}^4\ \Phi_{84}^3\ \Phi_{56}^4\ \Phi_{42}^3\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
153498	1909	3360	$\frac{11}{240}$	$\frac{1}{12}$	$\frac{229}{1680}$	$\frac{1451}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{240}\ \Phi_{224}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
153499	1909	840	$\frac{1}{84}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{168}^4\ \Phi_{120}^4\ \Phi_{84}^3\ \Phi_{56}^4\ \Phi_{42}^3\ \Phi_{40}^3\ \Phi_{28}^3\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
153500	1909	144	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{144}$	$\Phi_{144}^{23}\ \Phi_{48}^{23}\ \Phi_{24}^{11}\ \Phi_{16}^{23}\ \Phi_{12}^{10}\ \Phi_8^{11}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
153501	1909	2160	$\frac{1}{36}$	$\frac{251}{2160}$	$\frac{35}{216}$	$\frac{181}{432}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
153502	1909	3276	$\frac{2}{273}$	$\frac{271}{1638}$	$\frac{1}{3}$	$\frac{1367}{3276}$	$\Phi_{3276}\ \Phi_{1092}\ \Phi_{468}\ \Phi_{364}\ \Phi_{273}\ \Phi_{252}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{13}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
153503	1909	3240	$\frac{1}{36}$	$\frac{35}{324}$	$\frac{289}{1620}$	$\frac{1331}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{120}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
153504	1909	840	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{57}{140}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^2\ \Phi_{210}^2\ \Phi_{168}^4\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^4\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^4\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
153505	1909	3072	$\frac{11}{384}$	$\frac{1}{12}$	$\frac{373}{1536}$	$\frac{1163}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
153506	1909	2856	$\frac{5}{952}$	$\frac{1}{4}$	$\frac{947}{2856}$	$\frac{3}{8}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{408}\ \Phi_{357}\ \Phi_{204}\ \Phi_{168}\ \Phi_{102}\ \Phi_{84}\ \Phi_{51}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
153507	1909	1920	$\frac{11}{1920}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
153508	1909	2176	$\frac{5}{272}$	$\frac{267}{2176}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{544}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_1$
153509	1909	1960	$\frac{51}{1960}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{70}\ \Phi_{49}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
153510	1909	2040	$\frac{5}{136}$	$\frac{131}{2040}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{120}\ \Phi_{102}\ \Phi_{85}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
153511	1909	264	$\frac{1}{24}$	$\frac{5}{88}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^8\ \Phi_{132}^8\ \Phi_{88}^7\ \Phi_{66}^8\ \Phi_{44}^7\ \Phi_{33}^8\ \Phi_{24}^3\ \Phi_{22}^7\ \Phi_{12}^3\ \Phi_{11}^7\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
153512	1909	2016	$\frac{5}{112}$	$\frac{107}{2016}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
153513	1909	252	$\frac{1}{84}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{252}^6\ \Phi_{126}^6\ \Phi_{84}^{11}\ \Phi_{63}^6\ \Phi_{42}^{11}\ \Phi_{36}^5\ \Phi_{28}^{11}\ \Phi_{21}^{11}\ \Phi_{18}^6\ \Phi_{14}^{11}\ \Phi_{12}^{10}\ \Phi_9^6\ \Phi_7^{11}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
153514	1909	1944	$\frac{35}{1944}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
153515	1909	504	$\frac{1}{24}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{504}^3\ \Phi_{252}^3\ \Phi_{168}^6\ \Phi_{126}^2\ \Phi_{84}^6\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{56}^6\ \Phi_{42}^5\ \Phi_{36}^3\ \Phi_{28}^6\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{18}^2\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_9^3\ \Phi_8^5\ \Phi_7^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
153516	1909	2880	$\frac{11}{480}$	$\frac{1}{12}$	$\frac{469}{1440}$	$\frac{971}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
153517	1909	2457	$\frac{2}{273}$	$\frac{548}{2457}$	$\frac{271}{819}$	$\frac{1}{3}$	$\Phi_{2457}\ \Phi_{351}\ \Phi_{273}\ \Phi_{189}\ \Phi_{91}\ \Phi_{39}\ \Phi_{27}\ \Phi_{21}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}$
153518	1909	2205	$\frac{2}{147}$	$\frac{296}{2205}$	$\frac{145}{441}$	$\frac{1}{3}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{315}\ \Phi_{245}\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
153519	1909	2835	$\frac{19}{945}$	$\frac{2}{21}$	$\frac{926}{2835}$	$\frac{1}{3}$	$\Phi_{2835}\ \Phi_{567}\ \Phi_{405}\ \Phi_{81}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
153520	1909	2808	$\frac{37}{936}$	$\frac{2}{39}$	$\frac{899}{2808}$	$\frac{1}{3}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_{1}$
153521	1909	1989	$\frac{80}{1989}$	$\frac{2}{39}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{1989}\ \Phi_{663}\ \Phi_{221}\ \Phi_{153}\ \Phi_{51}\ \Phi_{39}\ \Phi_{17}\ \Phi_{13}\ \Phi_{1}$
153522	1909	1953	$\frac{44}{1953}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{279}\ \Phi_{217}\ \Phi_{93}\ \Phi_{31}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
153523	1909	2646	$\frac{2}{147}$	$\frac{145}{882}$	$\frac{737}{2646}$	$\frac{1}{3}$	$\Phi_{2646}\ \Phi_{1323}\ \Phi_{378}\ \Phi_{189}\ \Phi_{147}\ \Phi_{54}\ \Phi_{49}\ \Phi_{27}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
153524	1909	2352	$\frac{2}{147}$	$\frac{443}{2352}$	$\frac{145}{588}$	$\frac{1}{3}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{784}\ \Phi_{392}\ \Phi_{336}\ \Phi_{168}\ \Phi_{147}\ \Phi_{112}\ \Phi_{56}\ \Phi_{49}\ \Phi_{48}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
153525	1909	2520	$\frac{19}{630}$	$\frac{2}{21}$	$\frac{611}{2520}$	$\frac{1}{3}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
153526	1909	2028	$\frac{2}{39}$	$\frac{119}{2028}$	$\frac{37}{156}$	$\frac{1}{3}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{676}\ \Phi_{507}\ \Phi_{338}\ \Phi_{169}\ \Phi_{39}\ \Phi_{13}\ \Phi_{1}$
153527	1909	2496	$\frac{2}{39}$	$\frac{37}{624}$	$\frac{587}{2496}$	$\frac{1}{3}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{832}\ \Phi_{416}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{39}\ \Phi_{32}\ \Phi_{13}\ \Phi_{1}$
153528	1909	216	$\frac{1}{24}$	$\frac{2}{27}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{216}^{9}\ \Phi_{108}^{8}\ \Phi_{72}^{9}\ \Phi_{54}^{8}\ \Phi_{36}^{8}\ \Phi_{27}^{9}\ \Phi_{24}^{11}\ \Phi_{18}^{8}\ \Phi_{12}^{10}\ \Phi_{9}^{9}\ \Phi_{8}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
153529	1909	360	$\frac{1}{24}$	$\frac{7}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{6}\ \Phi_{90}^{5}\ \Phi_{72}^{3}\ \Phi_{60}^{6}\ \Phi_{45}^{5}\ \Phi_{40}^{6}\ \Phi_{36}^{3}\ \Phi_{30}^{5}\ \Phi_{24}^{5}\ \Phi_{20}^{6}\ \Phi_{18}^{2}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{3}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
153530	1909	2340	$\frac{2}{39}$	$\frac{37}{468}$	$\frac{431}{2340}$	$\frac{1}{3}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{130}\ \Phi_{90}\ \Phi_{65}\ \Phi_{60}\ \Phi_{45}\ \Phi_{39}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
153531	1909	1995	$\frac{86}{1995}$	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{285}\ \Phi_{133}\ \Phi_{95}\ \Phi_{57}\ \Phi_{21}\ \Phi_{19}\ \Phi_{7}\ \Phi_{1}$
153532	1909	2268	$\frac{19}{378}$	$\frac{2}{21}$	$\frac{359}{2268}$	$\frac{1}{3}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{324}\ \Phi_{252}\ \Phi_{162}\ \Phi_{108}\ \Phi_{84}\ \Phi_{81}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
153533	1909	2106	$\frac{2}{39}$	$\frac{197}{2106}$	$\frac{37}{234}$	$\frac{1}{3}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{702}\ \Phi_{351}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_{1}$
153534	1909	2016	$\frac{107}{2016}$	$\frac{2}{21}$	$\frac{19}{126}$	$\frac{1}{3}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
153535	1909	2205	$\frac{19}{315}$	$\frac{2}{21}$	$\frac{296}{2205}$	$\frac{1}{3}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{441}\ \Phi_{245}\ \Phi_{147}\ \Phi_{49}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
153536	1909	2184	$\frac{2}{39}$	$\frac{37}{312}$	$\frac{275}{2184}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{168}\ \Phi_{91}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}$
153537	1909	2079	$\frac{170}{2079}$	$\frac{2}{21}$	$\frac{19}{189}$	$\frac{1}{3}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{297}\ \Phi_{231}\ \Phi_{99}\ \Phi_{77}\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
153538	1909	2100	$\frac{19}{210}$	$\frac{191}{2100}$	$\frac{2}{21}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{28}\ \Phi_{25}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
153539	1909	2835	$\frac{19}{945}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{926}{2835}$	$\Phi_{2835}\ \Phi_{567}\ \Phi_{405}\ \Phi_{81}\ \Phi_{27}\ \Phi_{1}$
153540	1909	1353	$\frac{1}{41}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{40}{123}$	$\Phi_{1353}\ \Phi_{451}^{2}\ \Phi_{123}^{2}\ \Phi_{41}^{2}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
153541	1909	2304	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{395}{2304}$	$\frac{181}{576}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
153542	1909	2772	$\frac{61}{924}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{863}{2772}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{66}\ \Phi_{63}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
153543	1909	120	$\frac{1}{24}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{120}^{15}\ \Phi_{60}^{15}\ \Phi_{40}^{16}\ \Phi_{30}^{15}\ \Phi_{24}^{18}\ \Phi_{20}^{16}\ \Phi_{15}^{15}\ \Phi_{12}^{18}\ \Phi_{10}^{16}\ \Phi_{8}^{19}\ \Phi_{6}^{18}\ \Phi_{5}^{16}\ \Phi_{4}^{18}\ \Phi_{3}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
153544	1909	216	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{216}^{12}\ \Phi_{108}^{11}\ \Phi_{54}^{11}\ \Phi_{27}^{11}\ \Phi_{24}^{11}\ \Phi_{12}^{10}\ \Phi_{8}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
153545	1909	264	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{264}^{7}\ \Phi_{132}^{7}\ \Phi_{88}^{9}\ \Phi_{66}^{5}\ \Phi_{44}^{9}\ \Phi_{33}^{6}\ \Phi_{24}^{7}\ \Phi_{22}^{7}\ \Phi_{12}^{7}\ \Phi_{11}^{7}\ \Phi_{8}^{9}\ \Phi_{6}^{4}\ \Phi_{4}^{9}\ \Phi_{3}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
153546	1909	2160	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{251}{2160}$	$\frac{109}{360}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{60}\ \Phi_{54}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
153547	1909	2268	$\frac{19}{378}$	$\frac{1}{9}$	$\frac{359}{2268}$	$\frac{8}{27}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{324}\ \Phi_{252}\ \Phi_{162}\ \Phi_{108}\ \Phi_{84}\ \Phi_{81}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
153548	1909	2025	$\frac{116}{2025}$	$\frac{1}{9}$	$\frac{19}{135}$	$\frac{8}{27}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{405}\ \Phi_{225}\ \Phi_{81}\ \Phi_{75}\ \Phi_{27}\ \Phi_{25}\ \Phi_1$
153549	1909	2160	$\frac{19}{270}$	$\frac{1}{9}$	$\frac{251}{2160}$	$\frac{8}{27}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
153550	1909	2079	$\frac{170}{2079}$	$\frac{19}{189}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{297}\ \Phi_{231}\ \Phi_{99}\ \Phi_{77}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_1$
153551	1909	2610	$\frac{5}{174}$	$\frac{1}{6}$	$\frac{169}{870}$	$\frac{701}{2610}$	$\Phi_{2610}\ \Phi_{1305}\ \Phi_{522}\ \Phi_{261}\ \Phi_{174}\ \Phi_{90}\ \Phi_{87}\ \Phi_{58}\ \Phi_{45}\ \Phi_{29}\ \Phi_{18}\ \Phi_9\ \Phi_1$
153552	1909	2592	$\frac{1}{36}$	$\frac{35}{216}$	$\frac{181}{864}$	$\frac{683}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
153553	1909	2016	$\frac{107}{2016}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{144}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
153554	1909	96	$\frac{1}{24}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{96}^{23}\ \Phi_{48}^{15}\ \Phi_{32}^{23}\ \Phi_{24}^{18}\ \Phi_{16}^{16}\ \Phi_{12}^{18}\ \Phi_8^{19}\ \Phi_6^{18}\ \Phi_4^{18}\ \Phi_3^{18}\ \Phi_2^{18}\ \Phi_1^{19}$
153555	1909	600	$\frac{1}{24}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{200}^4\ \Phi_{150}^4\ \Phi_{100}^3\ \Phi_{75}^4\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
153556	1909	2496	$\frac{37}{624}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{587}{2496}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{832}\ \Phi_{416}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
153557	1909	2112	$\frac{5}{66}$	$\frac{203}{2112}$	$\frac{1}{6}$	$\frac{61}{264}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{192}\ \Phi_{176}\ \Phi_{96}\ \Phi_{66}\ \Phi_{64}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
153558	1909	2400	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{109}{600}$	$\frac{491}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
153559	1909	2310	$\frac{5}{66}$	$\frac{61}{462}$	$\frac{1}{6}$	$\frac{401}{2310}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{110}\ \Phi_{105}\ \Phi_{70}\ \Phi_{66}\ \Phi_{55}\ \Phi_{35}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
153560	1910	3048	$\frac{1}{381}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{190}{381}$	$\Phi_{3048}\ \Phi_{1016}\ \Phi_{381}\ \Phi_{127}\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
153561	1910	5712	$\frac{3}{952}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{949}{1904}$	$\Phi_{5712}\ \Phi_{816}\ \Phi_{336}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
153562	1910	3420	$\frac{1}{190}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{189}{380}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}^2\ \Phi_{228}\ \Phi_{180}\ \Phi_{76}^2\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
153563	1910	1140	$\frac{1}{190}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{189}{380}$	$\Phi_{1140}^3\ \Phi_{380}^4\ \Phi_{228}^3\ \Phi_{76}^4\ \Phi_{60}^3\ \Phi_{20}^4\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153564	1910	4158	$\frac{2}{189}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{187}{378}$	$\Phi_{4158}\ \Phi_{1386}\ \Phi_{594}\ \Phi_{462}\ \Phi_{198}\ \Phi_{154}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
153565	1910	1826	$\frac{1}{83}$	$\frac{42}{913}$	$\frac{871}{1826}$	$\frac{41}{83}$	$\Phi_{1826}^2\ \Phi_{166}^2\ \Phi_{83}\ \Phi_{22}^2\ \Phi_2^2\ \Phi_1^2$
153566	1910	1886	$\frac{12}{943}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{931}{1886}$	$\Phi_{1886}^2\ \Phi_{82}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_2^2\ \Phi_1^2$
153567	1910	2816	$\frac{1}{64}$	$\frac{1}{11}$	$\frac{65}{256}$	$\frac{63}{128}$	$\Phi_{2816}\ \Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
153568	1910	4136	$\frac{3}{188}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{185}{376}$	$\Phi_{4136}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
153569	1910	1863	$\frac{47}{1863}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{908}{1863}$	$\Phi_{1863}\ \Phi_{621}\ \Phi_{207}\ \Phi_{81}\ \Phi_{69}^2\ \Phi_{27}\ \Phi_{23}\ \Phi_9\ \Phi_3^2\ \Phi_1^2$
153570	1910	4092	$\frac{5}{186}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{181}{372}$	$\Phi_{4092}\ \Phi_{1364}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
153571	1910	1288	$\frac{11}{322}$	$\frac{1}{23}$	$\frac{333}{1288}$	$\frac{311}{644}$	$\Phi_{1288}^2\ \Phi_{322}^2\ \Phi_{184}^2\ \Phi_{161}^2\ \Phi_{56}^2\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_2^2\ \Phi_1^2$
153572	1910	368	$\frac{7}{184}$	$\frac{1}{23}$	$\frac{11}{46}$	$\frac{177}{368}$	$\Phi_{368}^{10}\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{16}^{10}\ \Phi_2^2\ \Phi_1^2$
153573	1910	368	$\frac{7}{184}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{177}{368}$	$\Phi_{368}^{10}\ \Phi_{23}^3\ \Phi_{16}^{10}\ \Phi_1^4$
153574	1910	4048	$\frac{7}{184}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{177}{368}$	$\Phi_{4048}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
153575	1910	3960	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{169}{360}$	$\Phi_{3960}\ \Phi_{1320}\ \Phi_{792}\ \Phi_{440}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
153576	1910	1794	$\frac{1}{23}$	$\frac{58}{897}$	$\frac{11}{69}$	$\frac{839}{1794}$	$\Phi_{1794}^2\ \Phi_{598}^2\ \Phi_{138}^2\ \Phi_{78}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{26}^2\ \Phi_{23}\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
153577	1910	1771	$\frac{1}{23}$	$\frac{139}{1771}$	$\frac{22}{161}$	$\frac{816}{1771}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{161}^2\ \Phi_{77}\ \Phi_{23}\ \Phi_{11}\ \Phi_7^2\ \Phi_1^2$
153578	1910	1104	$\frac{1}{23}$	$\frac{11}{138}$	$\frac{149}{1104}$	$\frac{127}{276}$	$\Phi_{1104}^2\ \Phi_{552}^2\ \Phi_{368}^2\ \Phi_{184}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{48}^2\ \Phi_{46}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
153579	1910	352	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{1}{11}$	$\frac{161}{352}$	$\Phi_{352}^{10}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}^{10}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
153580	1910	1743	$\frac{1}{83}$	$\frac{167}{1743}$	$\frac{82}{249}$	$\frac{788}{1743}$	$\Phi_{1743}\ \Phi_{581}\ \Phi_{249}^2\ \Phi_{83}\ \Phi_{21}\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
153581	1910	855	$\frac{1}{95}$	$\frac{1}{9}$	$\frac{94}{285}$	$\frac{4}{9}$	$\Phi_{855}^2\ \Phi_{285}^3\ \Phi_{171}^2\ \Phi_{95}^2\ \Phi_{57}^3\ \Phi_{45}^2\ \Phi_{19}^2\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
153582	1910	585	$\frac{4}{195}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{585}^3\ \Phi_{195}^4\ \Phi_{117}^3\ \Phi_{65}^4\ \Phi_{45}^2\ \Phi_{39}^4\ \Phi_{15}^3\ \Phi_{13}^4\ \Phi_9^3\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
153583	1910	684	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{37}{228}$	$\frac{4}{9}$	$\Phi_{684}^3\ \Phi_{342}^2\ \Phi_{228}^4\ \Phi_{171}^2\ \Phi_{114}^3\ \Phi_{76}^4\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{36}^3\ \Phi_{19}^2\ \Phi_{18}^2\ \Phi_{12}^4\ \Phi_9^3\ \Phi_6^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
153584	1910	1800	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}^2\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{25}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
153585	1910	1881	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{209}^2\ \Phi_{99}\ \Phi_{33}\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
153586	1910	1328	$\frac{1}{83}$	$\frac{41}{332}$	$\frac{373}{1328}$	$\frac{291}{664}$	$\Phi_{1328}^2\ \Phi_{332}^2\ \Phi_{166}^2\ \Phi_{83}\ \Phi_{16}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
153587	1910	3696	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{23}{168}$	$\frac{145}{336}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
153588	1910	332	$\frac{1}{83}$	$\frac{25}{166}$	$\frac{41}{166}$	$\frac{141}{332}$	$\Phi_{332}^{10}\ \Phi_{166}^2\ \Phi_{83}\ \Phi_4^{10}\ \Phi_2^2\ \Phi_1^2$
153589	1910	332	$\frac{3}{83}$	$\frac{8}{83}$	$\frac{25}{166}$	$\frac{141}{332}$	$\Phi_{332}^{10}\ \Phi_{83}^3\ \Phi_4^{10}\ \Phi_1^4$
153590	1910	1656	$\frac{1}{23}$	$\frac{11}{138}$	$\frac{127}{828}$	$\frac{701}{1656}$	$\Phi_{1656}^2\ \Phi_{552}^2\ \Phi_{184}^2\ \Phi_{138}^2\ \Phi_{72}^2\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_8^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
153591	1910	322	$\frac{1}{23}$	$\frac{11}{161}$	$\frac{30}{161}$	$\frac{131}{322}$	$\Phi_{322}^{10}\ \Phi_{161}^2\ \Phi_{46}^{10}\ \Phi_{23}\ \Phi_{14}^{10}\ \Phi_7^2\ \Phi_2^{10}\ \Phi_1^2$
153592	1910	3520	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{31}{160}$	$\frac{129}{320}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
153593	1910	1012	$\frac{1}{23}$	$\frac{57}{1012}$	$\frac{11}{46}$	$\frac{35}{92}$	$\Phi_{1012}^2\ \Phi_{506}^2\ \Phi_{253}^2\ \Phi_{46}^2\ \Phi_{44}^2\ \Phi_{23}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_2^2\ \Phi_1^2$
153594	1910	192	$\frac{1}{192}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{192}^{10}\ \Phi_{96}^{10}\ \Phi_{64}^{10}\ \Phi_{48}^{10}\ \Phi_{32}^{10}\ \Phi_{24}^9\ \Phi_{16}^{10}\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
153595	1910	1016	$\frac{1}{127}$	$\frac{63}{254}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1016}^3\ \Phi_{254}^2\ \Phi_{127}\ \Phi_8^4\ \Phi_2^2\ \Phi_1^2$
153596	1910	1494	$\frac{1}{83}$	$\frac{41}{249}$	$\frac{208}{747}$	$\frac{539}{1494}$	$\Phi_{1494}^2\ \Phi_{498}^2\ \Phi_{249}^2\ \Phi_{166}^2\ \Phi_{83}\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
153597	1910	1449	$\frac{1}{23}$	$\frac{22}{483}$	$\frac{461}{1449}$	$\frac{494}{1449}$	$\Phi_{1449}\ \Phi_{483}^2\ \Phi_{207}\ \Phi_{161}^2\ \Phi_{69}^2\ \Phi_{63}\ \Phi_{23}\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3^2\ \Phi_1^2$
153598	1910	3168	$\frac{1}{48}$	$\frac{1}{11}$	$\frac{47}{144}$	$\frac{97}{288}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
153599	1910	1434	$\frac{1}{239}$	$\frac{238}{717}$	$\frac{1}{3}$	$\frac{479}{1434}$	$\Phi_{1434}^2\ \Phi_{717}\ \Phi_{478}^2\ \Phi_6^2\ \Phi_2^2$
153600	1910	1428	$\frac{3}{476}$	$\frac{1}{4}$	$\frac{473}{1428}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}^2\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{204}\ \Phi_{119}^2\ \Phi_{102}\ \Phi_{84}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{42}\ \Phi_{34}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153601	1910	570	$\frac{1}{95}$	$\frac{1}{6}$	$\frac{94}{285}$	$\frac{1}{3}$	$\Phi_{570}^4\ \Phi_{285}^3\ \Phi_{190}^4\ \Phi_{114}^4\ \Phi_{95}^2\ \Phi_{57}^3\ \Phi_{38}^4\ \Phi_{30}^4\ \Phi_{19}^2\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_6^6\ \Phi_5^2\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
153602	1910	3264	$\frac{3}{136}$	$\frac{133}{1088}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3264}\ \Phi_{1632}\ \Phi_{816}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
153603	1910	588	$\frac{5}{196}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}^5\ \Phi_{294}^5\ \Phi_{147}^5\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
153604	1910	204	$\frac{3}{68}$	$\frac{13}{204}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^9\ \Phi_{102}^9\ \Phi_{68}^{10}\ \Phi_{51}^9\ \Phi_{34}^{10}\ \Phi_{17}^{10}\ \Phi_{12}^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
153605	1910	1008	$\frac{53}{1008}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153606	1910	2772	$\frac{2}{63}$	$\frac{1}{11}$	$\frac{61}{252}$	$\frac{1}{3}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{462}\ \Phi_{396}\ \Phi_{308}\ \Phi_{198}\ \Phi_{154}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
153607	1910	198	$\frac{7}{198}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{198}^{10}\ \Phi_{99}^9\ \Phi_{66}^{10}\ \Phi_{33}^{10}\ \Phi_{22}^{10}\ \Phi_{18}^{10}\ \Phi_{11}^9\ \Phi_9^{10}\ \Phi_6^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{10}$
153608	1910	390	$\frac{4}{195}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{390}^6\ \Phi_{195}^4\ \Phi_{130}^6\ \Phi_{78}^6\ \Phi_{65}^4\ \Phi_{39}^4\ \Phi_{30}^4\ \Phi_{26}^6\ \Phi_{15}^3\ \Phi_{13}^4\ \Phi_{10}^4\ \Phi_6^6\ \Phi_5^2\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
153609	1910	228	$\frac{1}{38}$	$\frac{37}{228}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{228}^{10}\ \Phi_{114}^7\ \Phi_{76}^{10}\ \Phi_{57}^7\ \Phi_{38}^6\ \Phi_{19}^6\ \Phi_{12}^{10}\ \Phi_6^9\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
153610	1910	600	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^4\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^4\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^4\ \Phi_{40}^4\ \Phi_{25}^4\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{12}^3\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153611	1910	1254	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1254}^2\ \Phi_{627}\ \Phi_{418}^2\ \Phi_{209}^2\ \Phi_{66}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153612	1910	2376	$\frac{2}{27}$	$\frac{1}{11}$	$\frac{25}{216}$	$\frac{1}{3}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{594}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
153613	1910	2310	$\frac{19}{210}$	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{385}\ \Phi_{330}\ \Phi_{165}\ \Phi_{154}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}$
153614	1910	1242	$\frac{1}{23}$	$\frac{47}{621}$	$\frac{287}{1242}$	$\frac{22}{69}$	$\Phi_{1242}^2\ \Phi_{621}\ \Phi_{414}^2\ \Phi_{207}\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{54}^2\ \Phi_{46}^2\ \Phi_{27}\ \Phi_{23}\ \Phi_{18}^2\ \Phi_9\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
153615	1910	207	$\frac{1}{23}$	$\frac{16}{207}$	$\frac{47}{207}$	$\frac{22}{69}$	$\Phi_{207}^9\ \Phi_{69}^{10}\ \Phi_{23}^9\ \Phi_9^9\ \Phi_3^{10}\ \Phi_1^{10}$
153616	1910	276	$\frac{1}{23}$	$\frac{7}{92}$	$\frac{11}{46}$	$\frac{85}{276}$	$\Phi_{276}^{10}\ \Phi_{138}^{10}\ \Phi_{69}^{10}\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{12}^{10}\ \Phi_6^{10}\ \Phi_3^{10}\ \Phi_2^2\ \Phi_1^2$
153617	1910	276	$\frac{7}{92}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{85}{276}$	$\Phi_{276}^{10}\ \Phi_{138}^{10}\ \Phi_{69}^{10}\ \Phi_{23}^3\ \Phi_{12}^{10}\ \Phi_6^{10}\ \Phi_3^{10}\ \Phi_1^4$
153618	1910	1242	$\frac{1}{23}$	$\frac{11}{138}$	$\frac{287}{1242}$	$\frac{127}{414}$	$\Phi_{1242}^2\ \Phi_{621}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{54}^2\ \Phi_{46}^2\ \Phi_{27}^2\ \Phi_{23}\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
153619	1910	2376	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{25}{216}$	$\frac{11}{36}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{594}\ \Phi_{297}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
153620	1910	207	$\frac{16}{207}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{7}{23}$	$\Phi_{207}^{10}\ \Phi_{69}^{10}\ \Phi_{23}^3\ \Phi_9^{10}\ \Phi_3^{10}\ \Phi_1^4$
153621	1910	249	$\frac{3}{83}$	$\frac{8}{83}$	$\frac{58}{249}$	$\frac{25}{83}$	$\Phi_{249}^{10}\ \Phi_{83}^3\ \Phi_3^{10}\ \Phi_1^4$
153622	1910	1104	$\frac{1}{23}$	$\frac{149}{1104}$	$\frac{35}{184}$	$\frac{11}{46}$	$\Phi_{1104}^2\ \Phi_{552}^2\ \Phi_{368}^2\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{48}^2\ \Phi_{46}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
153623	1910	230	$\frac{1}{23}$	$\frac{7}{46}$	$\frac{39}{230}$	$\frac{11}{46}$	$\Phi_{230}^{10}\ \Phi_{115}^{10}\ \Phi_{46}^2\ \Phi_{23}\ \Phi_{10}^{10}\ \Phi_5^{10}\ \Phi_2^2\ \Phi_1^2$
153624	1910	2640	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{60}$	$\frac{49}{240}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{880}\ \Phi_{528}\ \Phi_{440}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
153625	1910	230	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{7}{46}$	$\frac{39}{230}$	$\Phi_{230}^{10}\ \Phi_{115}^{10}\ \Phi_{23}^3\ \Phi_{10}^{10}\ \Phi_5^{10}\ \Phi_1^4$
153626	1911	3056	$\frac{1}{382}$	$\frac{383}{1528}$	$\frac{1145}{3056}$	$\frac{381}{764}$	$\Phi_{3056}\ \Phi_{764}\ \Phi_{16}\ \Phi_4\ \Phi_1$
153627	1911	1632	$\frac{1}{272}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{271}{544}$	$\Phi_{1632}^2\ \Phi_{544}^3\ \Phi_{96}^2\ \Phi_{32}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
153628	1911	4896	$\frac{1}{272}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{271}{544}$	$\Phi_{4896}\ \Phi_{544}\ \Phi_{288}\ \Phi_{32}\ \Phi_9\ \Phi_1$
153629	1911	3800	$\frac{11}{1900}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1889}{3800}$	$\Phi_{3800}\ \Phi_{760}\ \Phi_{200}\ \Phi_{152}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
153630	1911	1752	$\frac{1}{146}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{145}{292}$	$\Phi_{1752}^2\ \Phi_{584}^2\ \Phi_{292}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
153631	1911	4380	$\frac{1}{146}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{145}{292}$	$\Phi_{4380}\ \Phi_{1460}\ \Phi_{292}\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_5\ \Phi_4\ \Phi_1$
153632	1911	2628	$\frac{1}{146}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{145}{292}$	$\Phi_{2628}^2\ \Phi_{292}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
153633	1911	1168	$\frac{1}{146}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{145}{292}$	$\Phi_{1168}^2\ \Phi_{584}^2\ \Phi_{292}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
153634	1911	360	$\frac{1}{90}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{89}{180}$	$\Phi_{360}^{10}\ \Phi_{180}\ \Phi_{120}^{10}\ \Phi_{72}^{10}\ \Phi_{60}\ \Phi_{40}^{11}\ \Phi_{36}\ \Phi_{24}^{10}\ \Phi_{20}\ \Phi_{12}\ \Phi_8^{11}\ \Phi_4\ \Phi_1$
153635	1911	180	$\frac{1}{90}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{89}{180}$	$\Phi_{180}^{21}\ \Phi_{60}^{21}\ \Phi_{36}^{21}\ \Phi_{20}^{21}\ \Phi_{12}^{21}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^{21}\ \Phi_2^2\ \Phi_1^3$
153636	1911	360	$\frac{1}{90}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{89}{180}$	$\Phi_{360}^6\ \Phi_{180}^5\ \Phi_{120}^6\ \Phi_{90}^4\ \Phi_{72}^6\ \Phi_{60}^5\ \Phi_{45}^4\ \Phi_{40}^6\ \Phi_{36}^5\ \Phi_{30}^4\ \Phi_{24}^6\ \Phi_{20}^5\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_9^4\ \Phi_8^9\ \Phi_6^4\ \Phi_5^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
153637	1911	900	$\frac{1}{90}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{89}{180}$	$\Phi_{900}^5\ \Phi_{300}^5\ \Phi_{180}\ \Phi_{100}^5\ \Phi_{60}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_4\ \Phi_1$
153638	1911	2560	$\frac{9}{640}$	$\frac{1}{10}$	$\frac{649}{2560}$	$\frac{631}{1280}$	$\Phi_{2560}\ \Phi_{640}\ \Phi_{512}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
153639	1911	2508	$\frac{10}{627}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{617}{1254}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{627}\ \Phi_{228}\ \Phi_{209}\ \Phi_{132}\ \Phi_{76}\ \Phi_{57}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}\ \Phi_{19}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_3\ \Phi_1$
153640	1911	3760	$\frac{31}{1880}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1849}{3760}$	$\Phi_{3760}\ \Phi_{752}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
153641	1911	696	$\frac{1}{58}$	$\frac{59}{696}$	$\frac{1}{4}$	$\frac{57}{116}$	$\Phi_{696}^3\ \Phi_{348}^3\ \Phi_{232}^3\ \Phi_{174}^3\ \Phi_{116}^2\ \Phi_{87}^3\ \Phi_{58}\ \Phi_{29}\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
153642	1911	1824	$\frac{1}{48}$	$\frac{1}{38}$	$\frac{37}{76}$	$\frac{47}{96}$	$\Phi_{1824}^2\ \Phi_{608}^2\ \Phi_{96}^3\ \Phi_{76}\ \Phi_{32}^3\ \Phi_4\ \Phi_1$
153643	1911	1824	$\frac{1}{48}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{47}{96}$	$\Phi_{1824}^2\ \Phi_{608}^2\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_{19}^2\ \Phi_1^3$
153644	1911	672	$\frac{1}{48}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{47}{96}$	$\Phi_{672}^6\ \Phi_{224}^6\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
153645	1911	3876	$\frac{1}{38}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{3876}\ \Phi_{1292}\ \Phi_{204}\ \Phi_{76}\ \Phi_{68}\ \Phi_{51}\ \Phi_{17}\ \Phi_4\ \Phi_1$
153646	1911	1368	$\frac{1}{38}$	$\frac{1}{24}$	$\frac{23}{72}$	$\frac{37}{76}$	$\Phi_{1368}^2\ \Phi_{684}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{76}\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_4\ \Phi_1$
153647	1911	988	$\frac{1}{38}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{37}{76}$	$\Phi_{988}^2\ \Phi_{494}^2\ \Phi_{247}^2\ \Phi_{76}\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
153648	1911	1216	$\frac{1}{38}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{37}{76}$	$\Phi_{1216}^2\ \Phi_{608}^2\ \Phi_{76}\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_4\ \Phi_1$
153649	1911	1140	$\frac{1}{38}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{37}{76}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{76}\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
153650	1911	2052	$\frac{1}{38}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{37}{76}$	$\Phi_{2052}^2\ \Phi_{684}^2\ \Phi_{108}^2\ \Phi_{76}\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
153651	1911	152	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{37}{76}$	$\Phi_{152}^{12}\ \Phi_{76}^{13}\ \Phi_{38}^{12}\ \Phi_{19}^{12}\ \Phi_8^{18}\ \Phi_4^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
153652	1911	1240	$\frac{17}{620}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{603}{1240}$	$\Phi_{1240}^3\ \Phi_{248}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
153653	1911	176	$\frac{3}{88}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{85}{176}$	$\Phi_{176}^{21}\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{16}^{21}\ \Phi_{11}\ \Phi_4\ \Phi_1$
153654	1911	3680	$\frac{71}{1840}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1769}{3680}$	$\Phi_{3680}\ \Phi_{736}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
153655	1911	660	$\frac{23}{660}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{110}^3\ \Phi_{66}^3\ \Phi_{60}^3\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{22}\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{11}\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
153656	1911	348	$\frac{1}{29}$	$\frac{4}{87}$	$\frac{1}{4}$	$\frac{83}{174}$	$\Phi_{348}^7\ \Phi_{116}^8\ \Phi_{87}^7\ \Phi_{58}\ \Phi_{29}^7\ \Phi_{12}^7\ \Phi_4^7\ \Phi_3^7\ \Phi_1^7$
153657	1911	3720	$\frac{2}{93}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{3720}\ \Phi_{1240}\ \Phi_{744}\ \Phi_{248}\ \Phi_{93}\ \Phi_{40}\ \Phi_{31}\ \Phi_8\ \Phi_1$
153658	1911	1080	$\frac{1}{45}$	$\frac{1}{20}$	$\frac{44}{135}$	$\frac{19}{40}$	$\Phi_{1080}^5\ \Phi_{216}^5\ \Phi_{135}\ \Phi_{40}\ \Phi_{27}\ \Phi_8\ \Phi_1$
153659	1911	120	$\frac{1}{30}$	$\frac{1}{20}$	$\frac{29}{120}$	$\frac{19}{40}$	$\Phi_{120}^{11}\ \Phi_{60}^{21}\ \Phi_{40}^{12}\ \Phi_{30}^{20}\ \Phi_{24}^{11}\ \Phi_{20}^{21}\ \Phi_{15}^{20}\ \Phi_{12}^{21}\ \Phi_{10}^{20}\ \Phi_8^{12}\ \Phi_6^{20}\ \Phi_5^{20}\ \Phi_4^{21}\ \Phi_3^{20}\ \Phi_2^{20}\ \Phi_1^{21}$
153660	1911	760	$\frac{4}{95}$	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{760}^5\ \Phi_{152}^5\ \Phi_{95}\ \Phi_{40}\ \Phi_{19}\ \Phi_8\ \Phi_1$
153661	1911	480	$\frac{1}{20}$	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^2\ \Phi_{96}^5\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^5\ \Phi_{40}^3\ \Phi_{32}^5\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{16}^5\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
153662	1911	1080	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{19}{40}$	$\Phi_{1080}^4\ \Phi_{360}^2\ \Phi_{216}^4\ \Phi_{120}^2\ \Phi_{108}\ \Phi_{72}^2\ \Phi_{54}\ \Phi_{40}^3\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
153663	1911	120	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{19}{40}$	$\Phi_{120}^{30}\ \Phi_{40}^{31}\ \Phi_{24}^{30}\ \Phi_{15}^6\ \Phi_8^{31}\ \Phi_5^6\ \Phi_3^6\ \Phi_1^7$
153664	1911	280	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{19}{40}$	$\Phi_{280}^6\ \Phi_{140}^8\ \Phi_{70}^8\ \Phi_{56}^8\ \Phi_{40}^3\ \Phi_{35}^8\ \Phi_{28}^{10}\ \Phi_{20}^4\ \Phi_{14}^9\ \Phi_{10}^4\ \Phi_8^4\ \Phi_7^9\ \Phi_5^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
153665	1911	3960	$\frac{1}{20}$	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{19}{40}$	$\Phi_{3960}\ \Phi_{1320}\ \Phi_{792}\ \Phi_{440}\ \Phi_{264}\ \Phi_{99}\ \Phi_{88}\ \Phi_{40}\ \Phi_{33}\ \Phi_{11}\ \Phi_8\ \Phi_1$
153666	1911	200	$\frac{1}{20}$	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{19}{40}$	$\Phi_{200}^{20}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}^{11}\ \Phi_{25}\ \Phi_{20}\ \Phi_8^{11}\ \Phi_4\ \Phi_1$
153667	1911	1200	$\frac{37}{600}$	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{563}{1200}$	$\Phi_{1200}^3\ \Phi_{400}^3\ \Phi_{240}^3\ \Phi_{80}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
153668	1911	1752	$\frac{1}{73}$	$\frac{1}{12}$	$\frac{24}{73}$	$\frac{11}{24}$	$\Phi_{1752}^2\ \Phi_{584}^2\ \Phi_{73}^2\ \Phi_{24}^3\ \Phi_8^3\ \Phi_1^3$
153669	1911	600	$\frac{1}{50}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{600}^6\ \Phi_{200}^6\ \Phi_{120}^6\ \Phi_{100}^2\ \Phi_{50}\ \Phi_{40}^6\ \Phi_{25}\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
153670	1911	1752	$\frac{3}{73}$	$\frac{1}{12}$	$\frac{10}{73}$	$\frac{11}{24}$	$\Phi_{1752}^2\ \Phi_{584}^2\ \Phi_{73}^2\ \Phi_{24}^3\ \Phi_8^3\ \Phi_1^3$
153671	1911	264	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{264}^6\ \Phi_{132}^8\ \Phi_{88}^8\ \Phi_{66}^8\ \Phi_{44}^{10}\ \Phi_{33}^8\ \Phi_{24}^3\ \Phi_{22}^9\ \Phi_{12}^4\ \Phi_{11}^9\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
153672	1911	3520	$\frac{9}{160}$	$\frac{151}{1760}$	$\frac{1}{10}$	$\frac{1609}{3520}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
153673	1911	360	$\frac{1}{40}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^5\ \Phi_{90}^4\ \Phi_{72}^5\ \Phi_{60}^5\ \Phi_{45}^5\ \Phi_{40}^9\ \Phi_{36}^5\ \Phi_{30}^4\ \Phi_{24}^5\ \Phi_{20}^9\ \Phi_{18}^4\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^8\ \Phi_9^5\ \Phi_8^9\ \Phi_6^4\ \Phi_5^8\ \Phi_4^9\ \Phi_3^5\ \Phi_2^8\ \Phi_1^9$
153674	1911	1160	$\frac{1}{58}$	$\frac{57}{580}$	$\frac{1}{4}$	$\frac{523}{1160}$	$\Phi_{1160}^3\ \Phi_{232}^3\ \Phi_{116}^2\ \Phi_{58}\ \Phi_{40}^3\ \Phi_{29}\ \Phi_8^3\ \Phi_4\ \Phi_1$
153675	1911	120	$\frac{1}{40}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{120}^{20}\ \Phi_{60}^{19}\ \Phi_{40}^9\ \Phi_{30}^{19}\ \Phi_{24}^{20}\ \Phi_{20}^9\ \Phi_{15}^{19}\ \Phi_{12}^{19}\ \Phi_{10}^8\ \Phi_8^9\ \Phi_6^{19}\ \Phi_5^8\ \Phi_4^9\ \Phi_3^{19}\ \Phi_2^8\ \Phi_1^9$
153676	1911	760	$\frac{11}{380}$	$\frac{1}{10}$	$\frac{123}{760}$	$\frac{9}{20}$	$\Phi_{760}^3\ \Phi_{380}^2\ \Phi_{190}^2\ \Phi_{152}^3\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{40}^3\ \Phi_{38}^2\ \Phi_{20}^3\ \Phi_{19}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
153677	1911	2000	$\frac{89}{2000}$	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{9}{20}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
153678	1911	350	$\frac{1}{50}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{350}^5\ \Phi_{175}^5\ \Phi_{70}^4\ \Phi_{50}^9\ \Phi_{35}^5\ \Phi_{25}^9\ \Phi_{14}^4\ \Phi_{10}^8\ \Phi_7^5\ \Phi_5^8\ \Phi_2^8\ \Phi_1^9$
153679	1911	400	$\frac{1}{50}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{400}^4\ \Phi_{200}^6\ \Phi_{100}^6\ \Phi_{80}^4\ \Phi_{50}^5\ \Phi_{40}^6\ \Phi_{25}^5\ \Phi_{20}^6\ \Phi_{16}^2\ \Phi_{10}^5\ \Phi_8^3\ \Phi_5^5\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
153680	1911	160	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{69}{160}$	$\Phi_{160}^{21}\ \Phi_{80}^{3}\ \Phi_{40}^{3}\ \Phi_{32}^{21}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153681	1911	408	$\frac{1}{136}$	$\frac{1}{6}$	$\frac{45}{136}$	$\frac{5}{12}$	$\Phi_{408}^{4}\ \Phi_{204}^{4}\ \Phi_{136}^{6}\ \Phi_{102}^{4}\ \Phi_{68}^{6}\ \Phi_{51}^{4}\ \Phi_{34}^{6}\ \Phi_{24}^{4}\ \Phi_{17}^{6}\ \Phi_{12}^{5}\ \Phi_{8}^{6}\ \Phi_{6}^{4}\ \Phi_{4}^{7}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
153682	1911	276	$\frac{1}{92}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{276}^{6}\ \Phi_{138}^{6}\ \Phi_{92}^{9}\ \Phi_{69}^{6}\ \Phi_{46}^{9}\ \Phi_{23}^{9}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{7}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
153683	1911	1020	$\frac{1}{68}$	$\frac{1}{6}$	$\frac{67}{340}$	$\frac{5}{12}$	$\Phi_{1020}^{2}\ \Phi_{510}^{2}\ \Phi_{340}^{3}\ \Phi_{255}^{2}\ \Phi_{170}^{3}\ \Phi_{85}^{3}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
153684	1911	408	$\frac{3}{136}$	$\frac{19}{136}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{408}^{4}\ \Phi_{204}^{4}\ \Phi_{136}^{6}\ \Phi_{102}^{4}\ \Phi_{68}^{6}\ \Phi_{51}^{4}\ \Phi_{34}^{6}\ \Phi_{24}^{4}\ \Phi_{17}^{6}\ \Phi_{12}^{5}\ \Phi_{8}^{6}\ \Phi_{6}^{4}\ \Phi_{4}^{7}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
153685	1911	120	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{120}^{14}\ \Phi_{60}^{14}\ \Phi_{40}^{21}\ \Phi_{30}^{14}\ \Phi_{24}^{12}\ \Phi_{20}^{21}\ \Phi_{15}^{14}\ \Phi_{12}^{13}\ \Phi_{10}^{21}\ \Phi_{8}^{18}\ \Phi_{6}^{12}\ \Phi_{5}^{21}\ \Phi_{4}^{19}\ \Phi_{3}^{12}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
153686	1911	204	$\frac{1}{34}$	$\frac{11}{102}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{204}^{16}\ \Phi_{102}^{3}\ \Phi_{68}^{16}\ \Phi_{51}^{3}\ \Phi_{34}^{2}\ \Phi_{17}^{2}\ \Phi_{12}^{17}\ \Phi_{6}^{3}\ \Phi_{4}^{17}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153687	1911	204	$\frac{3}{68}$	$\frac{5}{68}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{204}^{8}\ \Phi_{102}^{8}\ \Phi_{68}^{12}\ \Phi_{51}^{8}\ \Phi_{34}^{12}\ \Phi_{17}^{12}\ \Phi_{12}^{9}\ \Phi_{6}^{8}\ \Phi_{4}^{13}\ \Phi_{3}^{8}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
153688	1911	924	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{924}^{4}\ \Phi_{308}^{4}\ \Phi_{154}^{2}\ \Phi_{132}^{2}\ \Phi_{84}^{2}\ \Phi_{77}^{2}\ \Phi_{44}^{2}\ \Phi_{28}^{2}\ \Phi_{22}\ \Phi_{14}\ \Phi_{12}\ \Phi_{11}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
153689	1911	96	$\frac{5}{96}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{96}^{21}\ \Phi_{48}^{19}\ \Phi_{32}^{21}\ \Phi_{24}^{19}\ \Phi_{16}^{18}\ \Phi_{12}^{20}\ \Phi_{8}^{18}\ \Phi_{6}^{19}\ \Phi_{4}^{19}\ \Phi_{3}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
153690	1911	3468	$\frac{16}{289}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3468}\ \Phi_{1156}\ \Phi_{289}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
153691	1911	3200	$\frac{9}{320}$	$\frac{1}{10}$	$\frac{311}{1600}$	$\frac{1289}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
153692	1911	1600	$\frac{1}{50}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{1600}^{2}\ \Phi_{320}^{2}\ \Phi_{200}^{2}\ \Phi_{100}^{2}\ \Phi_{64}\ \Phi_{50}\ \Phi_{40}^{2}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
153693	1911	80	$\frac{1}{40}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{80}^{39}\ \Phi_{40}^{9}\ \Phi_{20}^{9}\ \Phi_{16}^{39}\ \Phi_{10}^{8}\ \Phi_{8}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
153694	1911	1064	$\frac{5}{152}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1064}^{2}\ \Phi_{532}^{2}\ \Phi_{266}^{2}\ \Phi_{152}\ \Phi_{133}^{2}\ \Phi_{76}\ \Phi_{38}\ \Phi_{28}^{2}\ \Phi_{19}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
153695	1911	1056	$\frac{1}{22}$	$\frac{5}{96}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1056}^{2}\ \Phi_{528}^{2}\ \Phi_{352}^{2}\ \Phi_{264}^{2}\ \Phi_{176}^{2}\ \Phi_{132}^{2}\ \Phi_{96}\ \Phi_{66}^{2}\ \Phi_{48}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{32}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
153696	1911	100	$\frac{1}{50}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{100}^{30}\ \Phi_{50}^{9}\ \Phi_{25}^{9}\ \Phi_{20}^{27}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{27}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
153697	1911	1518	$\frac{1}{23}$	$\frac{1}{22}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}^{2}\ \Phi_{253}^{2}\ \Phi_{69}\ \Phi_{66}\ \Phi_{46}\ \Phi_{33}\ \Phi_{23}\ \Phi_{22}\ \Phi_{11}\ \Phi_{3}\ \Phi_{1}$
153698	1911	518	$\frac{1}{37}$	$\frac{1}{14}$	$\frac{12}{37}$	$\frac{25}{74}$	$\Phi_{518}^{4}\ \Phi_{259}^{4}\ \Phi_{74}\ \Phi_{37}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{1}^{3}$
153699	1911	960	$\frac{3}{160}$	$\frac{1}{10}$	$\frac{157}{480}$	$\frac{323}{960}$	$\Phi_{960}^{3}\ \Phi_{320}^{3}\ \Phi_{192}^{3}\ \Phi_{160}^{3}\ \Phi_{80}^{3}\ \Phi_{64}^{3}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153700	1911	955	$\frac{4}{955}$	$\frac{317}{955}$	$\frac{318}{955}$	$\frac{319}{955}$	$\Phi_{955}^{2}\ \Phi_{191}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
153701	1911	1224	$\frac{1}{136}$	$\frac{2}{9}$	$\frac{45}{136}$	$\frac{1}{3}$	$\Phi_{1224}^{2}\ \Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{153}^{2}\ \Phi_{136}^{2}\ \Phi_{72}^{2}\ \Phi_{68}^{2}\ \Phi_{36}^{2}\ \Phi_{34}^{2}\ \Phi_{18}^{2}\ \Phi_{17}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153702	1911	1095	$\frac{1}{73}$	$\frac{2}{15}$	$\frac{24}{73}$	$\frac{1}{3}$	$\Phi_{1095}^{2}\ \Phi_{365}^{2}\ \Phi_{73}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
153703	1911	969	$\frac{2}{51}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{969}^{2}\ \Phi_{323}^{2}\ \Phi_{51}^{3}\ \Phi_{19}^{2}\ \Phi_{17}^{3}\ \Phi_{1}^{3}$
153704	1911	930	$\frac{2}{93}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{930}^{2}\ \Phi_{465}^{2}\ \Phi_{310}^{2}\ \Phi_{186}^{2}\ \Phi_{155}^{2}\ \Phi_{93}^{3}\ \Phi_{62}^{2}\ \Phi_{31}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153705	1911	828	$\frac{1}{92}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{828}^{3}\ \Phi_{414}^{3}\ \Phi_{207}^{3}\ \Phi_{92}^{3}\ \Phi_{46}^{3}\ \Phi_{36}^{2}\ \Phi_{23}^{3}\ \Phi_{18}^{2}\ \Phi_{9}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153706	1911	300	$\frac{1}{50}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^{8}\ \Phi_{150}^{4}\ \Phi_{100}^{10}\ \Phi_{75}^{4}\ \Phi_{60}^{7}\ \Phi_{50}^{5}\ \Phi_{30}^{3}\ \Phi_{25}^{5}\ \Phi_{20}^{9}\ \Phi_{15}^{4}\ \Phi_{12}^{8}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{9}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
153707	1911	744	$\frac{2}{93}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{744}^{3}\ \Phi_{372}^{2}\ \Phi_{248}^{3}\ \Phi_{186}^{2}\ \Phi_{124}^{2}\ \Phi_{93}^{3}\ \Phi_{62}^{2}\ \Phi_{31}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153708	1911	1428	$\frac{2}{51}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1428}^{2}\ \Phi_{714}\ \Phi_{476}^{2}\ \Phi_{357}\ \Phi_{238}\ \Phi_{204}\ \Phi_{119}\ \Phi_{68}\ \Phi_{51}\ \Phi_{28}^{2}\ \Phi_{17}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
153709	1911	3060	$\frac{1}{68}$	$\frac{67}{340}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{765}\ \Phi_{340}\ \Phi_{180}\ \Phi_{170}\ \Phi_{90}\ \Phi_{85}\ \Phi_{45}\ \Phi_{20}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
153710	1911	1224	$\frac{3}{136}$	$\frac{19}{136}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1224}^{2}\ \Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{153}^{2}\ \Phi_{136}^{2}\ \Phi_{72}^{2}\ \Phi_{68}^{2}\ \Phi_{36}^{2}\ \Phi_{34}^{2}\ \Phi_{18}^{2}\ \Phi_{17}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153711	1911	360	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}^{7}\ \Phi_{180}^{7}\ \Phi_{90}^{7}\ \Phi_{72}^{6}\ \Phi_{45}^{7}\ \Phi_{40}^{7}\ \Phi_{36}^{6}\ \Phi_{20}^{7}\ \Phi_{18}^{6}\ \Phi_{10}^{7}\ \Phi_{9}^{7}\ \Phi_{8}^{6}\ \Phi_{5}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
153712	1911	306	$\frac{1}{34}$	$\frac{11}{102}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{306}^{8}\ \Phi_{153}^{8}\ \Phi_{102}^{3}\ \Phi_{51}^{3}\ \Phi_{34}^{2}\ \Phi_{18}^{8}\ \Phi_{17}^{2}\ \Phi_{9}^{9}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153713	1911	612	$\frac{3}{68}$	$\frac{5}{68}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{612}^{4}\ \Phi_{306}^{4}\ \Phi_{153}^{4}\ \Phi_{68}^{4}\ \Phi_{36}^{4}\ \Phi_{34}^{4}\ \Phi_{18}^{4}\ \Phi_{17}^{4}\ \Phi_{9}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
153714	1911	1386	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1386}^{2}\ \Phi_{693}^{2}\ \Phi_{198}\ \Phi_{154}^{2}\ \Phi_{126}\ \Phi_{99}\ \Phi_{77}^{2}\ \Phi_{63}\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
153715	1911	288	$\frac{5}{96}$	$\frac{1}{16}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{288}^{9}\ \Phi_{144}^{8}\ \Phi_{96}^{3}\ \Phi_{72}^{8}\ \Phi_{48}^{3}\ \Phi_{36}^{8}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{8}\ \Phi_{16}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{9}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153716	1911	2601	$\frac{16}{289}$	$\frac{1}{17}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2601}\ \Phi_{289}\ \Phi_{9}\ \Phi_{1}$
153717	1911	2325	$\frac{2}{93}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2325}\ \Phi_{775}\ \Phi_{93}\ \Phi_{31}\ \Phi_{25}\ \Phi_{1}$
153718	1911	1095	$\frac{3}{73}$	$\frac{2}{15}$	$\frac{10}{73}$	$\frac{1}{3}$	$\Phi_{1095}^{2}\ \Phi_{365}^{2}\ \Phi_{73}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
153719	1911	1320	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{440}^{2}\ \Phi_{330}\ \Phi_{220}^{2}\ \Phi_{165}\ \Phi_{120}\ \Phi_{110}\ \Phi_{88}^{2}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}^{2}\ \Phi_{40}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{11}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
153720	1911	1314	$\frac{1}{73}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{24}{73}$	$\Phi_{1314}^{2}\ \Phi_{657}^{2}\ \Phi_{73}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
153721	1911	1168	$\frac{1}{73}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{24}{73}$	$\Phi_{1168}^{2}\ \Phi_{584}^{2}\ \Phi_{73}^{2}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
153722	1911	270	$\frac{1}{45}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{44}{135}$	$\Phi_{270}^{10}\ \Phi_{135}^{11}\ \Phi_{54}^{10}\ \Phi_{27}^{11}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153723	1911	1080	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{44}{135}$	$\Phi_{1080}^{3}\ \Phi_{540}^{2}\ \Phi_{270}^{2}\ \Phi_{216}^{3}\ \Phi_{135}^{3}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{27}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153724	1911	675	$\frac{1}{45}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{44}{135}$	$\Phi_{675}^{5}\ \Phi_{135}\ \Phi_{27}\ \Phi_{25}\ \Phi_{1}$
153725	1911	435	$\frac{4}{145}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{47}{145}$	$\Phi_{435}^{5}\ \Phi_{145}^{3}\ \Phi_{87}^{5}\ \Phi_{29}^{3}\ \Phi_{15}^{7}\ \Phi_{5}^{4}\ \Phi_{3}^{7}\ \Phi_{1}^{5}$
153726	1911	696	$\frac{1}{29}$	$\frac{59}{696}$	$\frac{1}{4}$	$\frac{28}{87}$	$\Phi_{696}^{3}\ \Phi_{348}^{2}\ \Phi_{232}^{3}\ \Phi_{174}^{2}\ \Phi_{116}^{3}\ \Phi_{87}^{3}\ \Phi_{58}^{3}\ \Phi_{29}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153727	1911	1368	$\frac{1}{24}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{23}{72}$	$\Phi_{1368}^{2}\ \Phi_{684}^{2}\ \Phi_{342}^{2}\ \Phi_{171}^{2}\ \Phi_{72}^{3}\ \Phi_{36}^{3}\ \Phi_{19}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
153728	1911	504	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{23}{72}$	$\Phi_{504}^{6}\ \Phi_{252}^{6}\ \Phi_{126}^{6}\ \Phi_{72}^{3}\ \Phi_{63}^{6}\ \Phi_{36}^{3}\ \Phi_{28}^{2}\ \Phi_{18}^{3}\ \Phi_{14}\ \Phi_{9}^{3}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
153729	1911	988	$\frac{1}{19}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{988}^{2}\ \Phi_{494}^{2}\ \Phi_{247}^{2}\ \Phi_{52}^{3}\ \Phi_{26}^{3}\ \Phi_{19}^{2}\ \Phi_{13}^{3}\ \Phi_{1}^{3}$
153730	1911	1216	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{6}{19}$	$\Phi_{1216}^{2}\ \Phi_{608}^{2}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{19}^{2}\ \Phi_{1}^{3}$
153731	1911	1140	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{6}{19}$	$\Phi_{1140}^{2}\ \Phi_{570}^{2}\ \Phi_{380}^{2}\ \Phi_{285}^{2}\ \Phi_{190}^{2}\ \Phi_{95}^{2}\ \Phi_{60}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{19}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
153732	1911	1026	$\frac{1}{19}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{6}{19}$	$\Phi_{1026}^{2}\ \Phi_{513}^{2}\ \Phi_{342}^{2}\ \Phi_{171}^{2}\ \Phi_{54}^{3}\ \Phi_{27}^{3}\ \Phi_{19}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{1}^{3}$
153733	1911	152	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{6}{19}$	$\Phi_{152}^{12}\ \Phi_{76}^{12}\ \Phi_{38}^{12}\ \Phi_{19}^{14}\ \Phi_{8}^{18}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{21}$
153734	1911	955	$\frac{64}{955}$	$\frac{94}{955}$	$\frac{123}{955}$	$\frac{297}{955}$	$\Phi_{955}^{2}\ \Phi_{191}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{3}$
153735	1911	132	$\frac{1}{22}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{132}$	$\Phi_{132}^{21}\ \Phi_{66}^{21}\ \Phi_{44}^{2}\ \Phi_{33}^{21}\ \Phi_{22}\ \Phi_{12}^{21}\ \Phi_{11}\ \Phi_{6}^{21}\ \Phi_{4}\ \Phi_{3}^{21}\ \Phi_{1}$
153736	1911	1096	$\frac{19}{274}$	$\frac{27}{274}$	$\frac{1}{8}$	$\frac{85}{274}$	$\Phi_{1096}^{2}\ \Phi_{548}^{2}\ \Phi_{274}\ \Phi_{137}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
153737	1911	720	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{83}{720}$	$\frac{37}{120}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{3}\ \Phi_{180}^{3}\ \Phi_{144}^{3}\ \Phi_{90}^{3}\ \Phi_{80}^{3}\ \Phi_{72}^{3}\ \Phi_{48}^{3}\ \Phi_{45}^{3}\ \Phi_{40}^{3}\ \Phi_{36}^{3}\ \Phi_{20}^{3}\ \Phi_{18}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153738	1911	660	$\frac{23}{660}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{220}^{3}\ \Phi_{165}^{3}\ \Phi_{132}^{2}\ \Phi_{110}^{3}\ \Phi_{66}^{2}\ \Phi_{60}^{3}\ \Phi_{55}^{3}\ \Phi_{44}^{3}\ \Phi_{33}^{3}\ \Phi_{30}^{3}\ \Phi_{22}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{11}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153739	1911	120	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{29}{120}$	$\frac{3}{10}$	$\Phi_{120}^{21}\ \Phi_{60}^{21}\ \Phi_{40}^{21}\ \Phi_{24}^{21}\ \Phi_{20}^{21}\ \Phi_{12}^{21}\ \Phi_{10}^{2}\ \Phi_{8}^{21}\ \Phi_{5}^{2}\ \Phi_{4}^{21}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153740	1911	660	$\frac{23}{660}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{220}^{3}\ \Phi_{165}^{3}\ \Phi_{132}^{3}\ \Phi_{110}^{3}\ \Phi_{66}^{3}\ \Phi_{60}^{3}\ \Phi_{55}^{3}\ \Phi_{44}^{3}\ \Phi_{33}^{3}\ \Phi_{22}^{3}\ \Phi_{20}^{3}\ \Phi_{12}^{3}\ \Phi_{11}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153741	1911	190	$\frac{4}{95}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{190}^{10}\ \Phi_{95}^{11}\ \Phi_{38}^{10}\ \Phi_{19}^{11}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153742	1911	480	$\frac{5}{96}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{4}\ \Phi_{120}^{4}\ \Phi_{96}^{5}\ \Phi_{80}^{4}\ \Phi_{60}^{4}\ \Phi_{48}^{5}\ \Phi_{40}^{4}\ \Phi_{32}^{5}\ \Phi_{24}^{5}\ \Phi_{20}^{4}\ \Phi_{16}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_{8}^{5}\ \Phi_{5}^{2}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153743	1911	540	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{17}{108}$	$\frac{3}{10}$	$\Phi_{540}^{4}\ \Phi_{270}^{4}\ \Phi_{180}^{4}\ \Phi_{135}^{4}\ \Phi_{108}^{5}\ \Phi_{60}^{4}\ \Phi_{54}^{5}\ \Phi_{36}^{5}\ \Phi_{27}^{5}\ \Phi_{20}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153744	1911	30	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{3}{10}$	$\Phi_{30}^{60}\ \Phi_{15}^{66}\ \Phi_{10}^{62}\ \Phi_{6}^{60}\ \Phi_{5}^{68}\ \Phi_{3}^{66}\ \Phi_{2}^{62}\ \Phi_{1}^{69}$
153745	1911	280	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{10}$	$\Phi_{280}^{8}\ \Phi_{140}^{8}\ \Phi_{70}^{4}\ \Phi_{56}^{10}\ \Phi_{40}^{4}\ \Phi_{35}^{4}\ \Phi_{28}^{10}\ \Phi_{20}^{4}\ \Phi_{14}^{5}\ \Phi_{10}^{2}\ \Phi_{8}^{5}\ \Phi_{7}^{5}\ \Phi_{5}^{2}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
153746	1911	720	$\frac{7}{90}$	$\frac{1}{10}$	$\frac{83}{720}$	$\frac{3}{10}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
153747	1911	990	$\frac{8}{99}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{3}{10}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}^3\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
153748	1911	100	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{3}{10}$	$\Phi_{100}^{21}\ \Phi_{50}^{21}\ \Phi_{25}^{21}\ \Phi_{20}^{21}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^{21}\ \Phi_2^2\ \Phi_1^3$
153749	1911	955	$\frac{52}{955}$	$\frac{118}{955}$	$\frac{129}{955}$	$\frac{279}{955}$	$\Phi_{955}^2\ \Phi_{191}^2\ \Phi_5^2\ \Phi_1^3$
153750	1911	1036	$\frac{1}{14}$	$\frac{15}{148}$	$\frac{19}{148}$	$\frac{43}{148}$	$\Phi_{1036}^2\ \Phi_{518}^2\ \Phi_{259}^2\ \Phi_{148}\ \Phi_{74}\ \Phi_{37}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
153751	1911	955	$\frac{66}{955}$	$\frac{97}{955}$	$\frac{127}{955}$	$\frac{276}{955}$	$\Phi_{955}^2\ \Phi_{191}^2\ \Phi_5^2\ \Phi_1^3$
153752	1911	1096	$\frac{15}{274}$	$\frac{1}{8}$	$\frac{37}{274}$	$\frac{79}{274}$	$\Phi_{1096}^2\ \Phi_{548}^2\ \Phi_{274}\ \Phi_{137}\ \Phi_8\ \Phi_4\ \Phi_1$
153753	1911	900	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{900}^4\ \Phi_{450}^2\ \Phi_{225}^2\ \Phi_{180}^4\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{50}\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
153754	1911	1314	$\frac{3}{73}$	$\frac{10}{73}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1314}^2\ \Phi_{657}^2\ \Phi_{73}^2\ \Phi_{18}^3\ \Phi_9^3\ \Phi_1^3$
153755	1911	792	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{792}^4\ \Phi_{396}^4\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{88}^2\ \Phi_{72}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{22}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
153756	1911	1740	$\frac{1}{58}$	$\frac{57}{290}$	$\frac{1}{4}$	$\frac{233}{870}$	$\Phi_{1740}^2\ \Phi_{870}\ \Phi_{435}\ \Phi_{348}^2\ \Phi_{174}\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{60}^2\ \Phi_{58}\ \Phi_{30}\ \Phi_{29}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
153757	1911	120	$\frac{1}{40}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{120}^{15}\ \Phi_{60}^{14}\ \Phi_{40}^{19}\ \Phi_{30}^{14}\ \Phi_{24}^{15}\ \Phi_{20}^{18}\ \Phi_{15}^{15}\ \Phi_{12}^{14}\ \Phi_{10}^{18}\ \Phi_8^{19}\ \Phi_6^{14}\ \Phi_5^{18}\ \Phi_4^{18}\ \Phi_3^{15}\ \Phi_2^{18}\ \Phi_1^{19}$
153758	1911	400	$\frac{1}{50}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{400}^6\ \Phi_{200}^6\ \Phi_{100}^2\ \Phi_{80}^6\ \Phi_{50}\ \Phi_{40}^6\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
153759	1911	364	$\frac{3}{52}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{364}^6\ \Phi_{182}^6\ \Phi_{91}^6\ \Phi_{52}^3\ \Phi_{28}^2\ \Phi_{26}^3\ \Phi_{14}\ \Phi_{13}^3\ \Phi_7\ \Phi_4\ \Phi_1$
153760	1911	120	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{29}{120}$	$\frac{1}{4}$	$\Phi_{120}^{15}\ \Phi_{60}^{17}\ \Phi_{40}^{15}\ \Phi_{30}^{16}\ \Phi_{24}^{15}\ \Phi_{20}^{17}\ \Phi_{15}^{16}\ \Phi_{12}^{17}\ \Phi_{10}^{16}\ \Phi_8^{18}\ \Phi_6^{16}\ \Phi_5^{16}\ \Phi_4^{19}\ \Phi_3^{16}\ \Phi_2^{18}\ \Phi_1^{19}$
153761	1911	704	$\frac{1}{22}$	$\frac{67}{704}$	$\frac{21}{88}$	$\frac{1}{4}$	$\Phi_{704}^3\ \Phi_{352}^3\ \Phi_{176}^3\ \Phi_{64}^3\ \Phi_{44}^2\ \Phi_{32}^3\ \Phi_{22}\ \Phi_{16}^3\ \Phi_{11}\ \Phi_4\ \Phi_1$
153762	1911	836	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{199}{836}$	$\frac{1}{4}$	$\Phi_{836}^2\ \Phi_{418}^2\ \Phi_{209}^3\ \Phi_{76}^2\ \Phi_{44}^3\ \Phi_{38}^2\ \Phi_{22}^3\ \Phi_{19}^3\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
153763	1911	448	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{15}{64}$	$\frac{1}{4}$	$\Phi_{448}^6\ \Phi_{224}^6\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
153764	1911	116	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{25}{116}$	$\frac{1}{4}$	$\Phi_{116}^{15}\ \Phi_{58}^{15}\ \Phi_{29}^{21}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{21}$
153765	1911	760	$\frac{4}{95}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{760}^3\ \Phi_{380}^2\ \Phi_{190}^2\ \Phi_{152}^3\ \Phi_{95}^3\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{19}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
153766	1911	1168	$\frac{3}{73}$	$\frac{10}{73}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1168}^2\ \Phi_{584}^2\ \Phi_{73}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_1^3$
153767	1911	176	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{176}^{14}\ \Phi_{88}^8\ \Phi_{44}^{10}\ \Phi_{22}^9\ \Phi_{16}^7\ \Phi_{11}^9\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
153768	1911	1120	$\frac{1}{14}$	$\frac{13}{160}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{280}^2\ \Phi_{224}^2\ \Phi_{160}\ \Phi_{140}^2\ \Phi_{80}\ \Phi_{70}^2\ \Phi_{40}\ \Phi_{35}^2\ \Phi_{32}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
153769	1911	420	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{4}$	$\Phi_{420}^6\ \Phi_{210}^6\ \Phi_{140}^6\ \Phi_{105}^6\ \Phi_{70}^6\ \Phi_{60}^3\ \Phi_{35}^6\ \Phi_{30}^3\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{14}\ \Phi_{10}^3\ \Phi_7\ \Phi_5^3\ \Phi_4\ \Phi_1$
153770	1911	220	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{19}{110}$	$\frac{1}{4}$	$\Phi_{220}^{14}\ \Phi_{110}^7\ \Phi_{55}^7\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{20}^{14}\ \Phi_{11}\ \Phi_{10}^7\ \Phi_5^7\ \Phi_4\ \Phi_1$
153771	1911	96	$\frac{5}{96}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{96}^{21}\ \Phi_{48}^{21}\ \Phi_{32}^{21}\ \Phi_{24}^{15}\ \Phi_{16}^{21}\ \Phi_{12}^{17}\ \Phi_8^{18}\ \Phi_6^{16}\ \Phi_4^{19}\ \Phi_3^{16}\ \Phi_2^{18}\ \Phi_1^{19}$
153772	1911	756	$\frac{1}{14}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{756}^4\ \Phi_{378}^2\ \Phi_{252}^4\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{108}^2\ \Phi_{63}^2\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{27}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
153773	1911	216	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{17}{108}$	$\frac{1}{4}$	$\Phi_{216}^{12}\ \Phi_{108}^9\ \Phi_{72}^6\ \Phi_{54}^9\ \Phi_{36}^5\ \Phi_{27}^9\ \Phi_{24}^6\ \Phi_{18}^4\ \Phi_{12}^5\ \Phi_9^4\ \Phi_8^9\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
153774	1911	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{4}$	$\Phi_{120}^{18}\ \Phi_{60}^{12}\ \Phi_{40}^{18}\ \Phi_{30}^{12}\ \Phi_{24}^{18}\ \Phi_{20}^{12}\ \Phi_{15}^{18}\ \Phi_{12}^{12}\ \Phi_{10}^{12}\ \Phi_8^{21}\ \Phi_6^{12}\ \Phi_5^{18}\ \Phi_4^{14}\ \Phi_3^{18}\ \Phi_2^{14}\ \Phi_1^{21}$
153775	1911	1276	$\frac{43}{638}$	$\frac{79}{638}$	$\frac{85}{638}$	$\frac{1}{4}$	$\Phi_{1276}^2\ \Phi_{638}\ \Phi_{319}\ \Phi_{116}^2\ \Phi_{58}\ \Phi_{44}^2\ \Phi_{29}\ \Phi_{22}\ \Phi_{11}\ \Phi_4\ \Phi_1$
153776	1911	56	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{56}^{36}\ \Phi_{28}^{38}\ \Phi_{14}^{37}\ \Phi_8^{18}\ \Phi_7^{37}\ \Phi_4^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
153777	1911	792	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{792}^3\ \Phi_{396}^2\ \Phi_{264}^3\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{99}^3\ \Phi_{88}^3\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{11}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
153778	1911	200	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{200}^{12}\ \Phi_{100}^9\ \Phi_{50}^9\ \Phi_{40}^6\ \Phi_{25}^9\ \Phi_{20}^5\ \Phi_{10}^4\ \Phi_8^9\ \Phi_5^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
153779	1911	600	$\frac{1}{30}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{29}{120}$	$\Phi_{600}^{5}\ \Phi_{300}^{5}\ \Phi_{200}^{5}\ \Phi_{120}\ \Phi_{100}^{5}\ \Phi_{60}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
153780	1911	800	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{37}{200}$	$\frac{163}{800}$	$\Phi_{800}^{3}\ \Phi_{400}^{3}\ \Phi_{160}^{3}\ \Phi_{80}^{3}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
153781	1911	475	$\frac{4}{95}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{475}^{5}\ \Phi_{95}\ \Phi_{25}\ \Phi_{19}\ \Phi_{1}$
153782	1911	225	$\frac{2}{45}$	$\frac{4}{25}$	$\frac{43}{225}$	$\frac{1}{5}$	$\Phi_{225}^{8}\ \Phi_{75}^{8}\ \Phi_{45}^{10}\ \Phi_{25}^{9}\ \Phi_{15}^{10}\ \Phi_{9}^{10}\ \Phi_{5}^{10}\ \Phi_{3}^{10}\ \Phi_{1}^{11}$
153783	1911	2400	$\frac{5}{96}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{100}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
153784	1911	2700	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{900}\ \Phi_{675}\ \Phi_{300}\ \Phi_{108}\ \Phi_{100}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{25}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
153785	1911	75	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{75}^{30}\ \Phi_{25}^{31}\ \Phi_{15}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
153786	1911	1400	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1400}^{2}\ \Phi_{700}^{2}\ \Phi_{350}\ \Phi_{200}\ \Phi_{175}\ \Phi_{100}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{25}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
153787	1911	2475	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{2475}\ \Phi_{825}\ \Phi_{275}\ \Phi_{99}\ \Phi_{33}\ \Phi_{25}\ \Phi_{11}\ \Phi_{1}$
153788	1911	100	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{100}^{21}\ \Phi_{50}^{16}\ \Phi_{25}^{17}\ \Phi_{20}^{21}\ \Phi_{10}^{20}\ \Phi_{5}^{20}\ \Phi_{4}^{21}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
153789	1912	477	$\frac{1}{477}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{238}{477}$	$\Phi_{477}^{4}\ \Phi_{159}^{4}\ \Phi_{53}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
153790	1912	1911	$\frac{5}{1911}$	$\frac{479}{1911}$	$\frac{716}{1911}$	$\frac{953}{1911}$	$\Phi_{1911}\ \Phi_{637}\ \Phi_{273}\ \Phi_{147}\ \Phi_{91}\ \Phi_{49}\ \Phi_{39}\ \Phi_{21}\ \Phi_{13}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
153791	1912	957	$\frac{1}{319}$	$\frac{80}{319}$	$\frac{1}{3}$	$\frac{159}{319}$	$\Phi_{957}^{3}\ \Phi_{87}^{3}\ \Phi_{33}^{3}\ \Phi_{3}^{2}$
153792	1912	819	$\frac{1}{273}$	$\frac{137}{819}$	$\frac{341}{819}$	$\frac{136}{273}$	$\Phi_{819}^{2}\ \Phi_{273}^{3}\ \Phi_{117}^{2}\ \Phi_{91}^{3}\ \Phi_{63}^{2}\ \Phi_{39}^{3}\ \Phi_{21}^{3}\ \Phi_{13}^{3}\ \Phi_{9}^{2}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
153793	1912	476	$\frac{1}{238}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{237}{476}$	$\Phi_{476}^{8}\ \Phi_{68}^{8}\ \Phi_{28}^{8}\ \Phi_{7}\ \Phi_{4}^{8}\ \Phi_{1}^{2}$
153794	1912	7140	$\frac{1}{238}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{237}{476}$	$\Phi_{7140}\ \Phi_{1020}\ \Phi_{420}\ \Phi_{60}\ \Phi_{15}$
153795	1912	441	$\frac{1}{147}$	$\frac{37}{441}$	$\frac{202}{441}$	$\frac{73}{147}$	$\Phi_{441}^{4}\ \Phi_{147}^{5}\ \Phi_{63}^{4}\ \Phi_{49}^{5}\ \Phi_{21}^{5}\ \Phi_{9}^{4}\ \Phi_{7}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
153796	1912	1323	$\frac{1}{147}$	$\frac{74}{441}$	$\frac{367}{1323}$	$\frac{73}{147}$	$\Phi_{1323}^{2}\ \Phi_{189}^{2}\ \Phi_{147}\ \Phi_{49}\ \Phi_{27}^{2}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
153797	1912	294	$\frac{1}{147}$	$\frac{55}{294}$	$\frac{37}{147}$	$\frac{73}{147}$	$\Phi_{294}^{8}\ \Phi_{147}^{5}\ \Phi_{98}^{8}\ \Phi_{49}^{5}\ \Phi_{42}^{8}\ \Phi_{21}^{5}\ \Phi_{14}^{8}\ \Phi_{7}^{5}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
153798	1912	949	$\frac{7}{949}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{471}{949}$	$\Phi_{949}^{2}\ \Phi_{73}^{2}\ \Phi_{13}^{3}\ \Phi_{1}^{4}$
153799	1912	1422	$\frac{2}{237}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{235}{474}$	$\Phi_{1422}^{3}\ \Phi_{474}^{2}\ \Phi_{158}^{2}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
153800	1912	1419	$\frac{5}{473}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{234}{473}$	$\Phi_{1419}^{2}\ \Phi_{129}^{2}\ \Phi_{33}^{3}\ \Phi_{3}^{2}$
153801	1912	455	$\frac{1}{91}$	$\frac{23}{455}$	$\frac{216}{455}$	$\frac{45}{91}$	$\Phi_{455}^{4}\ \Phi_{91}^{5}\ \Phi_{65}^{4}\ \Phi_{35}^{4}\ \Phi_{13}^{5}\ \Phi_{7}^{5}\ \Phi_{5}^{4}\ \Phi_{1}^{6}$
153802	1912	1365	$\frac{1}{91}$	$\frac{46}{455}$	$\frac{409}{1365}$	$\frac{45}{91}$	$\Phi_{1365}^{2}\ \Phi_{273}^{2}\ \Phi_{195}^{2}\ \Phi_{105}^{2}\ \Phi_{91}\ \Phi_{39}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{13}\ \Phi_{7}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
153803	1912	273	$\frac{1}{91}$	$\frac{34}{273}$	$\frac{23}{91}$	$\frac{45}{91}$	$\Phi_{273}^{8}\ \Phi_{91}^{5}\ \Phi_{39}^{8}\ \Phi_{21}^{8}\ \Phi_{13}^{5}\ \Phi_{7}^{5}\ \Phi_{3}^{8}\ \Phi_{1}^{6}$
153804	1912	261	$\frac{1}{87}$	$\frac{22}{261}$	$\frac{1}{3}$	$\frac{43}{87}$	$\Phi_{261}^{8}\ \Phi_{87}^{6}\ \Phi_{29}^{6}\ \Phi_{9}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
153805	1912	945	$\frac{11}{945}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{467}{945}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{135}^{2}\ \Phi_{105}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{35}^{2}\ \Phi_{27}^{2}\ \Phi_{21}^{3}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
153806	1912	2880	$\frac{1}{80}$	$\frac{1}{9}$	$\frac{81}{320}$	$\frac{79}{160}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{720}\ \Phi_{576}\ \Phi_{360}\ \Phi_{240}\ \Phi_{192}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
153807	1912	4248	$\frac{3}{236}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{233}{472}$	$\Phi_{4248}\ \Phi_{1416}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
153808	1912	1881	$\frac{31}{1881}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{925}{1881}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{209}\ \Phi_{171}\ \Phi_{99}\ \Phi_{57}\ \Phi_{33}^{2}\ \Phi_{19}\ \Phi_{11}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
153809	1912	4230	$\frac{4}{235}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{231}{470}$	$\Phi_{4230}\ \Phi_{1410}\ \Phi_{846}\ \Phi_{282}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
153810	1912	931	$\frac{1}{49}$	$\frac{25}{931}$	$\frac{453}{931}$	$\frac{24}{49}$	$\Phi_{931}^{2}\ \Phi_{133}^{2}\ \Phi_{49}^{3}\ \Phi_{19}^{2}\ \Phi_{7}^{3}\ \Phi_{1}^{4}$
153811	1912	288	$\frac{1}{48}$	$\frac{1}{9}$	$\frac{49}{288}$	$\frac{47}{96}$	$\Phi_{288}^{5}\ \Phi_{144}^{8}\ \Phi_{96}^{6}\ \Phi_{72}^{8}\ \Phi_{48}^{8}\ \Phi_{36}^{8}\ \Phi_{32}^{6}\ \Phi_{24}^{8}\ \Phi_{18}^{8}\ \Phi_{16}^{8}\ \Phi_{12}^{8}\ \Phi_{9}^{7}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
153812	1912	468	$\frac{5}{234}$	$\frac{1}{39}$	$\frac{19}{39}$	$\frac{229}{468}$	$\Phi_{468}^{8}\ \Phi_{156}^{8}\ \Phi_{52}^{8}\ \Phi_{39}\ \Phi_{36}^{8}\ \Phi_{13}\ \Phi_{12}^{8}\ \Phi_{4}^{8}\ \Phi_{3}\ \Phi_{1}^{2}$
153813	1912	468	$\frac{5}{234}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{229}{468}$	$\Phi_{468}^{8}\ \Phi_{156}^{8}\ \Phi_{52}^{8}\ \Phi_{36}^{8}\ \Phi_{13}^{3}\ \Phi_{12}^{8}\ \Phi_{4}^{8}\ \Phi_{1}^{4}$
153814	1912	468	$\frac{5}{234}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{229}{468}$	$\Phi_{468}^{8}\ \Phi_{156}^{8}\ \Phi_{52}^{8}\ \Phi_{39}\ \Phi_{36}^{8}\ \Phi_{13}\ \Phi_{12}^{8}\ \Phi_{4}^{8}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
153815	1912	468	$\frac{5}{234}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{229}{468}$	$\Phi_{468}^{8}\ \Phi_{156}^{8}\ \Phi_{52}^{8}\ \Phi_{36}^{8}\ \Phi_{18}^{3}\ \Phi_{12}^{8}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{8}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
153816	1912	351	$\frac{1}{39}$	$\frac{5}{117}$	$\frac{112}{351}$	$\frac{19}{39}$	$\Phi_{351}^{8}\ \Phi_{39}\ \Phi_{27}^{8}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
153817	1912	507	$\frac{1}{39}$	$\frac{29}{507}$	$\frac{10}{39}$	$\frac{19}{39}$	$\Phi_{507}^{4}\ \Phi_{169}^{4}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
153818	1912	312	$\frac{1}{39}$	$\frac{5}{78}$	$\frac{73}{312}$	$\frac{19}{39}$	$\Phi_{312}^{8}\ \Phi_{156}^{8}\ \Phi_{104}^{8}\ \Phi_{52}^{8}\ \Phi_{39}\ \Phi_{24}^{8}\ \Phi_{13}\ \Phi_{12}^{8}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{3}\ \Phi_{1}^{2}$
153819	1912	585	$\frac{1}{39}$	$\frac{10}{117}$	$\frac{107}{585}$	$\frac{19}{39}$	$\Phi_{585}^{4}\ \Phi_{195}^{4}\ \Phi_{65}^{4}\ \Phi_{45}^{4}\ \Phi_{39}\ \Phi_{15}^{4}\ \Phi_{13}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
153820	1912	1053	$\frac{1}{39}$	$\frac{97}{1053}$	$\frac{20}{117}$	$\frac{19}{39}$	$\Phi_{1053}^{2}\ \Phi_{351}^{2}\ \Phi_{81}^{2}\ \Phi_{39}\ \Phi_{27}^{2}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
153821	1912	273	$\frac{1}{39}$	$\frac{34}{273}$	$\frac{5}{39}$	$\frac{19}{39}$	$\Phi_{273}^{8}\ \Phi_{91}^{8}\ \Phi_{39}\ \Phi_{21}^{8}\ \Phi_{13}\ \Phi_{7}^{8}\ \Phi_{3}\ \Phi_{1}^{2}$
153822	1912	1392	$\frac{7}{232}$	$\frac{1}{29}$	$\frac{1}{3}$	$\frac{225}{464}$	$\Phi_{1392}^{4}\ \Phi_{87}\ \Phi_{48}^{4}$
153823	1912	4176	$\frac{7}{232}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{225}{464}$	$\Phi_{4176}\ \Phi_{1392}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
153824	1912	495	$\frac{1}{33}$	$\frac{17}{495}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{495}^{4}\ \Phi_{165}^{4}\ \Phi_{99}^{4}\ \Phi_{55}^{4}\ \Phi_{45}^{4}\ \Phi_{33}^{2}\ \Phi_{15}^{4}\ \Phi_{11}^{2}\ \Phi_{9}^{4}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
153825	1912	1479	$\frac{15}{493}$	$\frac{1}{29}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{1479}^{2}\ \Phi_{87}\ \Phi_{51}^{2}$
153826	1912	462	$\frac{1}{33}$	$\frac{8}{231}$	$\frac{1}{3}$	$\frac{223}{462}$	$\Phi_{462}^{8}\ \Phi_{154}^{8}\ \Phi_{66}^{8}\ \Phi_{42}^{8}\ \Phi_{33}^{2}\ \Phi_{22}^{8}\ \Phi_{14}^{8}\ \Phi_{11}^{2}\ \Phi_{6}^{8}\ \Phi_{3}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
153827	1912	462	$\frac{8}{231}$	$\frac{1}{21}$	$\frac{5}{21}$	$\frac{223}{462}$	$\Phi_{462}^{8}\ \Phi_{154}^{8}\ \Phi_{66}^{8}\ \Phi_{42}^{8}\ \Phi_{22}^{8}\ \Phi_{21}^{3}\ \Phi_{14}^{8}\ \Phi_{7}^{3}\ \Phi_{6}^{8}\ \Phi_{3}^{3}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
153828	1912	4140	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{221}{460}$	$\Phi_{4140}\ \Phi_{1380}\ \Phi_{828}\ \Phi_{276}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
153829	1912	1827	$\frac{2}{87}$	$\frac{85}{1827}$	$\frac{1}{3}$	$\frac{871}{1827}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{261}\ \Phi_{203}\ \Phi_{87}^{2}\ \Phi_{63}\ \Phi_{29}^{2}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
153830	1912	315	$\frac{11}{315}$	$\frac{1}{21}$	$\frac{76}{315}$	$\frac{10}{21}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{63}^{6}\ \Phi_{45}^{6}\ \Phi_{35}^{6}\ \Phi_{21}^{7}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{7}\ \Phi_{5}^{6}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
153831	1912	252	$\frac{1}{21}$	$\frac{13}{252}$	$\frac{11}{63}$	$\frac{10}{21}$	$\Phi_{252}^{8}\ \Phi_{126}^{8}\ \Phi_{84}^{8}\ \Phi_{63}^{6}\ \Phi_{42}^{8}\ \Phi_{36}^{8}\ \Phi_{28}^{8}\ \Phi_{21}^{7}\ \Phi_{18}^{8}\ \Phi_{14}^{8}\ \Phi_{12}^{8}\ \Phi_{9}^{6}\ \Phi_{7}^{7}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
153832	1912	567	$\frac{1}{21}$	$\frac{11}{189}$	$\frac{89}{567}$	$\frac{10}{21}$	$\Phi_{567}^{4}\ \Phi_{189}^{2}\ \Phi_{81}^{4}\ \Phi_{63}^{2}\ \Phi_{27}^{2}\ \Phi_{21}^{3}\ \Phi_{9}^{2}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
153833	1912	525	$\frac{1}{21}$	$\frac{47}{525}$	$\frac{11}{105}$	$\frac{10}{21}$	$\Phi_{525}^{4}\ \Phi_{175}^{4}\ \Phi_{105}^{2}\ \Phi_{75}^{4}\ \Phi_{35}^{2}\ \Phi_{25}^{4}\ \Phi_{21}^{3}\ \Phi_{15}^{2}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
153834	1912	1368	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{217}{456}$	$\Phi_{1368}^{3}\ \Phi_{456}^{2}\ \Phi_{152}^{2}\ \Phi_{72}^{3}\ \Phi_{36}^{3}\ \Phi_{24}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
153835	1912	455	$\frac{3}{91}$	$\frac{23}{455}$	$\frac{22}{91}$	$\frac{216}{455}$	$\Phi_{455}^{4}\ \Phi_{91}^{5}\ \Phi_{65}^{4}\ \Phi_{35}^{4}\ \Phi_{13}^{5}\ \Phi_{7}^{5}\ \Phi_{5}^{4}\ \Phi_{1}^{6}$
153836	1912	450	$\frac{14}{225}$	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{211}{450}$	$\Phi_{450}^{8}\ \Phi_{150}^{8}\ \Phi_{90}^{8}\ \Phi_{50}^{8}\ \Phi_{45}^{3}\ \Phi_{30}^{8}\ \Phi_{18}^{8}\ \Phi_{15}^{2}\ \Phi_{10}^{8}\ \Phi_{9}^{2}\ \Phi_{6}^{8}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
153837	1912	2304	$\frac{1}{16}$	$\frac{17}{256}$	$\frac{1}{9}$	$\frac{15}{32}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{576}\ \Phi_{384}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
153838	1912	4032	$\frac{1}{16}$	$\frac{15}{224}$	$\frac{1}{9}$	$\frac{209}{448}$	$\Phi_{4032}\ \Phi_{1344}\ \Phi_{576}\ \Phi_{192}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
153839	1912	441	$\frac{1}{49}$	$\frac{37}{441}$	$\frac{12}{49}$	$\frac{202}{441}$	$\Phi_{441}^{4}\ \Phi_{147}^{4}\ \Phi_{63}^{4}\ \Phi_{49}^{7}\ \Phi_{21}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{7}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
153840	1912	3960	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{1}{9}$	$\frac{201}{440}$	$\Phi_{3960}\ \Phi_{1320}\ \Phi_{792}\ \Phi_{360}\ \Phi_{264}\ \Phi_{180}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
153841	1912	1755	$\frac{1}{39}$	$\frac{157}{1755}$	$\frac{38}{195}$	$\frac{799}{1755}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}^{2}\ \Phi_{135}\ \Phi_{117}\ \Phi_{65}^{2}\ \Phi_{45}\ \Phi_{39}\ \Phi_{27}\ \Phi_{15}^{2}\ \Phi_{13}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
153842	1912	726	$\frac{3}{242}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{726}^{4}\ \Phi_{363}^{4}\ \Phi_{66}^{4}\ \Phi_{33}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{2}$
153843	1912	585	$\frac{1}{39}$	$\frac{19}{195}$	$\frac{107}{585}$	$\frac{88}{195}$	$\Phi_{585}^{4}\ \Phi_{195}^{2}\ \Phi_{117}^{4}\ \Phi_{65}^{2}\ \Phi_{45}^{4}\ \Phi_{39}\ \Phi_{15}^{2}\ \Phi_{13}\ \Phi_{9}^{4}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
153844	1912	435	$\frac{1}{87}$	$\frac{43}{435}$	$\frac{1}{3}$	$\frac{196}{435}$	$\Phi_{435}^{4}\ \Phi_{145}^{4}\ \Phi_{87}^{6}\ \Phi_{29}^{6}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
153845	1912	432	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{1}{9}$	$\frac{193}{432}$	$\Phi_{432}^{8}\ \Phi_{144}^{8}\ \Phi_{72}^{3}\ \Phi_{48}^{8}\ \Phi_{36}^{3}\ \Phi_{24}^{2}\ \Phi_{18}^{3}\ \Phi_{16}^{8}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
153846	1912	1715	$\frac{1}{49}$	$\frac{197}{1715}$	$\frac{48}{245}$	$\frac{759}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}^{2}\ \Phi_{49}\ \Phi_{35}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
153847	1912	294	$\frac{1}{49}$	$\frac{6}{49}$	$\frac{55}{294}$	$\frac{43}{98}$	$\Phi_{294}^{8}\ \Phi_{147}^{8}\ \Phi_{49}^{7}\ \Phi_{42}^{8}\ \Phi_{21}^{8}\ \Phi_{7}^{7}\ \Phi_{6}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
153848	1912	1260	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{29}{210}$	$\frac{181}{420}$	$\Phi_{1260}^{3}\ \Phi_{420}^{2}\ \Phi_{252}^{3}\ \Phi_{180}^{3}\ \Phi_{140}^{2}\ \Phi_{90}^{3}\ \Phi_{84}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{3}\ \Phi_{36}^{3}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
153849	1912	357	$\frac{1}{119}$	$\frac{1}{7}$	$\frac{118}{357}$	$\frac{3}{7}$	$\Phi_{357}^{8}\ \Phi_{51}^{8}\ \Phi_{21}^{8}\ \Phi_{7}\ \Phi_{3}^{8}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
153850	1912	483	$\frac{5}{483}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{483}^4\ \Phi_{161}^4\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_{21}^4\ \Phi_7\ \Phi_3^4\ \Phi_1^2$
153851	1912	595	$\frac{2}{119}$	$\frac{1}{7}$	$\frac{117}{595}$	$\frac{3}{7}$	$\Phi_{595}^4\ \Phi_{85}^4\ \Phi_{35}^4\ \Phi_7\ \Phi_5^4\ \Phi_1^2$
153852	1912	245	$\frac{6}{245}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{245}^8\ \Phi_{49}^8\ \Phi_{35}^8\ \Phi_7\ \Phi_5^8\ \Phi_1^2$
153853	1912	1904	$\frac{1}{34}$	$\frac{33}{272}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{272}^2\ \Phi_{136}^2\ \Phi_{112}\ \Phi_{68}^2\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
153854	1912	1071	$\frac{4}{119}$	$\frac{115}{1071}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1071}^2\ \Phi_{357}^2\ \Phi_{153}^2\ \Phi_{63}^2\ \Phi_{51}^2\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
153855	1912	252	$\frac{13}{252}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{252}^8\ \Phi_{126}^8\ \Phi_{84}^8\ \Phi_{63}^8\ \Phi_{42}^8\ \Phi_{36}^8\ \Phi_{28}^8\ \Phi_{21}^8\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^8\ \Phi_7\ \Phi_6^8\ \Phi_4^8\ \Phi_3^8\ \Phi_1^2$
153856	1912	1785	$\frac{1}{17}$	$\frac{16}{255}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}^2\ \Phi_{105}\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}^2\ \Phi_7\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
153857	1912	3600	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{39}{200}$	$\frac{161}{400}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
153858	1912	392	$\frac{1}{49}$	$\frac{6}{49}$	$\frac{43}{196}$	$\frac{153}{392}$	$\Phi_{392}^8\ \Phi_{56}^8\ \Phi_{49}^7\ \Phi_8^8\ \Phi_7^7\ \Phi_1^8$
153859	1912	245	$\frac{6}{245}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{245}^8\ \Phi_{49}^7\ \Phi_{35}^8\ \Phi_7^7\ \Phi_5^8\ \Phi_1^8$
153860	1912	390	$\frac{1}{39}$	$\frac{19}{195}$	$\frac{44}{195}$	$\frac{151}{390}$	$\Phi_{390}^8\ \Phi_{195}^2\ \Phi_{130}^8\ \Phi_{78}^8\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{30}^8\ \Phi_{26}^8\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^2\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
153861	1912	247	$\frac{8}{247}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{247}^8\ \Phi_{19}^8\ \Phi_{13}^3\ \Phi_1^4$
153862	1912	252	$\frac{1}{21}$	$\frac{13}{252}$	$\frac{5}{21}$	$\frac{8}{21}$	$\Phi_{252}^8\ \Phi_{126}^8\ \Phi_{84}^8\ \Phi_{63}^8\ \Phi_{42}^8\ \Phi_{36}^8\ \Phi_{28}^8\ \Phi_{21}^3\ \Phi_{18}^8\ \Phi_{14}^8\ \Phi_{12}^8\ \Phi_9^8\ \Phi_7^3\ \Phi_6^8\ \Phi_4^8\ \Phi_3^3\ \Phi_2^8\ \Phi_1^4$
153863	1912	1152	$\frac{1}{48}$	$\frac{1}{9}$	$\frac{47}{192}$	$\frac{145}{384}$	$\Phi_{1152}^3\ \Phi_{384}^2\ \Phi_{144}^3\ \Phi_{128}^2\ \Phi_{72}^3\ \Phi_{48}^2\ \Phi_{36}^3\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153864	1912	273	$\frac{5}{273}$	$\frac{34}{273}$	$\frac{67}{273}$	$\frac{103}{273}$	$\Phi_{273}^7\ \Phi_{91}^7\ \Phi_{39}^7\ \Phi_{21}^7\ \Phi_{13}^7\ \Phi_7^7\ \Phi_3^7\ \Phi_1^8$
153865	1912	735	$\frac{1}{49}$	$\frac{24}{245}$	$\frac{221}{735}$	$\frac{257}{735}$	$\Phi_{735}^2\ \Phi_{245}^4\ \Phi_{147}^2\ \Phi_{105}^2\ \Phi_{49}^3\ \Phi_{35}^4\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_7^3\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
153866	1912	1449	$\frac{20}{483}$	$\frac{1}{21}$	$\frac{463}{1449}$	$\frac{493}{1449}$	$\Phi_{1449}\ \Phi_{483}^2\ \Phi_{207}\ \Phi_{161}^2\ \Phi_{69}^2\ \Phi_{63}\ \Phi_{23}^2\ \Phi_{21}\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
153867	1912	1443	$\frac{12}{481}$	$\frac{1}{13}$	$\frac{469}{1443}$	$\frac{487}{1443}$	$\Phi_{1443}\ \Phi_{481}^2\ \Phi_{111}\ \Phi_{39}\ \Phi_{37}^2\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
153868	1912	360	$\frac{1}{60}$	$\frac{1}{9}$	$\frac{59}{180}$	$\frac{121}{360}$	$\Phi_{360}^8\ \Phi_{180}^3\ \Phi_{120}^8\ \Phi_{90}^3\ \Phi_{72}^8\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{40}^8\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{24}^8\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^8\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153869	1912	240	$\frac{1}{240}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{80}^8\ \Phi_{60}^8\ \Phi_{48}^8\ \Phi_{40}^8\ \Phi_{30}^8\ \Phi_{24}^8\ \Phi_{20}^8\ \Phi_{16}^8\ \Phi_{15}^8\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_8^8\ \Phi_6^8\ \Phi_5^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
153870	1912	1431	$\frac{2}{477}$	$\frac{475}{1431}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1431}^2\ \Phi_{27}^2\ \Phi_3\ \Phi_1^2$
153871	1912	318	$\frac{1}{159}$	$\frac{79}{318}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{318}^8\ \Phi_{159}^4\ \Phi_{106}^8\ \Phi_{53}^4\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
153872	1912	963	$\frac{7}{963}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{963}^2\ \Phi_{321}^2\ \Phi_{107}^2\ \Phi_3\ \Phi_1^2$
153873	1912	1113	$\frac{2}{159}$	$\frac{157}{1113}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1113}^2\ \Phi_{371}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
153874	1912	243	$\frac{4}{243}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{243}^8\ \Phi_{81}^8\ \Phi_{27}^8\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
153875	1912	795	$\frac{1}{53}$	$\frac{26}{265}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{795}^2\ \Phi_{265}^4\ \Phi_{159}\ \Phi_{53}^2\ \Phi_{15}^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
153876	1912	1785	$\frac{1}{119}$	$\frac{1}{5}$	$\frac{118}{357}$	$\frac{1}{3}$	$\Phi_{1785}\ \Phi_{595}^2\ \Phi_{255}\ \Phi_{105}\ \Phi_{85}^2\ \Phi_{35}^2\ \Phi_{15}^2\ \Phi_5^2$
153877	1912	1419	$\frac{10}{473}$	$\frac{1}{11}$	$\frac{463}{1419}$	$\frac{1}{3}$	$\Phi_{1419}\ \Phi_{473}^2\ \Phi_{129}\ \Phi_{43}^2\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
153878	1912	261	$\frac{2}{87}$	$\frac{22}{261}$	$\frac{85}{261}$	$\frac{1}{3}$	$\Phi_{261}^7\ \Phi_{87}^8\ \Phi_{29}^8\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
153879	1912	348	$\frac{1}{29}$	$\frac{7}{116}$	$\frac{109}{348}$	$\frac{1}{3}$	$\Phi_{348}^4\ \Phi_{174}^4\ \Phi_{116}^8\ \Phi_{87}^5\ \Phi_{58}^8\ \Phi_{29}^8\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
153880	1912	495	$\frac{17}{495}$	$\frac{2}{33}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^3\ \Phi_{55}^4\ \Phi_{45}^4\ \Phi_{33}^4\ \Phi_{15}^4\ \Phi_{11}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
153881	1912	693	$\frac{1}{33}$	$\frac{16}{231}$	$\frac{215}{693}$	$\frac{1}{3}$	$\Phi_{693}^4\ \Phi_{99}^4\ \Phi_{63}^4\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
153882	1912	1305	$\frac{1}{87}$	$\frac{86}{435}$	$\frac{349}{1305}$	$\frac{1}{3}$	$\Phi_{1305}^2\ \Phi_{261}^2\ \Phi_{87}^2\ \Phi_{45}^2\ \Phi_{29}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
153883	1912	957	$\frac{3}{319}$	$\frac{79}{319}$	$\frac{80}{319}$	$\frac{1}{3}$	$\Phi_{957}^3\ \Phi_{87}^3\ \Phi_{33}^3\ \Phi_3^2$
153884	1912	264	$\frac{1}{33}$	$\frac{25}{264}$	$\frac{8}{33}$	$\frac{1}{3}$	$\Phi_{264}^8\ \Phi_{132}^8\ \Phi_{88}^8\ \Phi_{66}^8\ \Phi_{44}^8\ \Phi_{33}^2\ \Phi_{24}^8\ \Phi_{22}^8\ \Phi_{12}^8\ \Phi_{11}^2\ \Phi_8^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
153885	1912	261	$\frac{1}{29}$	$\frac{22}{261}$	$\frac{7}{29}$	$\frac{1}{3}$	$\Phi_{261}^{8}\ \Phi_{87}^{5}\ \Phi_{29}^{8}\ \Phi_{9}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
153886	1912	627	$\frac{31}{627}$	$\frac{2}{33}$	$\frac{149}{627}$	$\frac{1}{3}$	$\Phi_{627}^{3}\ \Phi_{209}^{3}\ \Phi_{57}^{3}\ \Phi_{33}^{4}\ \Phi_{19}^{3}\ \Phi_{11}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
153887	1912	609	$\frac{2}{87}$	$\frac{85}{609}$	$\frac{131}{609}$	$\frac{1}{3}$	$\Phi_{609}^{3}\ \Phi_{203}^{3}\ \Phi_{87}^{4}\ \Phi_{29}^{4}\ \Phi_{21}^{3}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
153888	1912	735	$\frac{6}{245}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{735}^{4}\ \Phi_{147}^{4}\ \Phi_{105}^{3}\ \Phi_{21}^{4}\ \Phi_{15}^{4}\ \Phi_{3}^{4}$
153889	1912	4080	$\frac{1}{34}$	$\frac{33}{272}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{4080}\ \Phi_{2040}\ \Phi_{1020}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{15}$
153890	1912	1260	$\frac{13}{252}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{420}^{2}\ \Phi_{315}^{2}\ \Phi_{210}^{2}\ \Phi_{180}^{2}\ \Phi_{140}^{2}\ \Phi_{105}\ \Phi_{90}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}$
153891	1912	255	$\frac{1}{17}$	$\frac{16}{255}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{255}^{7}\ \Phi_{85}^{8}\ \Phi_{51}^{8}\ \Phi_{17}^{8}\ \Phi_{15}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
153892	1912	870	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{51}{290}$	$\frac{1}{3}$	$\Phi_{870}^{4}\ \Phi_{435}^{4}\ \Phi_{87}\ \Phi_{30}^{4}\ \Phi_{15}^{4}$
153893	1912	1155	$\frac{1}{33}$	$\frac{32}{231}$	$\frac{199}{1155}$	$\frac{1}{3}$	$\Phi_{1155}^{2}\ \Phi_{385}^{2}\ \Phi_{165}^{2}\ \Phi_{105}^{2}\ \Phi_{55}^{2}\ \Phi_{35}^{2}\ \Phi_{33}^{2}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
153894	1912	288	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{49}{288}$	$\frac{23}{72}$	$\Phi_{288}^{8}\ \Phi_{144}^{8}\ \Phi_{96}^{8}\ \Phi_{72}^{3}\ \Phi_{48}^{8}\ \Phi_{36}^{3}\ \Phi_{32}^{8}\ \Phi_{24}^{2}\ \Phi_{18}^{3}\ \Phi_{16}^{8}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
153895	1912	351	$\frac{5}{117}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{112}{351}$	$\Phi_{351}^{8}\ \Phi_{27}^{8}\ \Phi_{13}^{3}\ \Phi_{1}^{4}$
153896	1912	351	$\frac{5}{117}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{112}{351}$	$\Phi_{351}^{8}\ \Phi_{39}\ \Phi_{27}^{8}\ \Phi_{13}\ \Phi_{3}\ \Phi_{1}^{2}$
153897	1912	270	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{31}{270}$	$\frac{14}{45}$	$\Phi_{270}^{8}\ \Phi_{135}^{8}\ \Phi_{90}^{8}\ \Phi_{54}^{8}\ \Phi_{45}^{3}\ \Phi_{30}^{8}\ \Phi_{27}^{8}\ \Phi_{18}^{8}\ \Phi_{15}^{2}\ \Phi_{10}^{8}\ \Phi_{9}^{2}\ \Phi_{6}^{8}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
153898	1912	693	$\frac{1}{21}$	$\frac{16}{231}$	$\frac{5}{21}$	$\frac{215}{693}$	$\Phi_{693}^{4}\ \Phi_{99}^{4}\ \Phi_{63}^{4}\ \Phi_{21}^{3}\ \Phi_{9}^{4}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
153899	1912	1008	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{15}{112}$	$\frac{97}{336}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}\ \Phi_{252}^{2}\ \Phi_{168}\ \Phi_{144}^{3}\ \Phi_{126}^{2}\ \Phi_{112}^{2}\ \Phi_{84}\ \Phi_{72}^{3}\ \Phi_{63}^{2}\ \Phi_{56}^{2}\ \Phi_{48}^{2}\ \Phi_{42}\ \Phi_{36}^{3}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{18}^{3}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
153900	1912	252	$\frac{13}{252}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{252}^{8}\ \Phi_{126}^{8}\ \Phi_{84}^{8}\ \Phi_{63}^{8}\ \Phi_{42}^{8}\ \Phi_{36}^{8}\ \Phi_{28}^{8}\ \Phi_{21}^{8}\ \Phi_{18}^{3}\ \Phi_{14}^{8}\ \Phi_{12}^{8}\ \Phi_{9}^{2}\ \Phi_{7}^{8}\ \Phi_{6}^{2}\ \Phi_{4}^{8}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
153901	1912	585	$\frac{1}{39}$	$\frac{107}{585}$	$\frac{38}{195}$	$\frac{157}{585}$	$\Phi_{585}^{3}\ \Phi_{195}^{4}\ \Phi_{117}^{3}\ \Phi_{65}^{4}\ \Phi_{45}^{3}\ \Phi_{39}^{3}\ \Phi_{15}^{4}\ \Phi_{13}^{3}\ \Phi_{9}^{3}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
153902	1912	245	$\frac{6}{245}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{245}^{8}\ \Phi_{49}^{7}\ \Phi_{35}^{8}\ \Phi_{7}^{7}\ \Phi_{5}^{8}\ \Phi_{1}^{8}$
153903	1912	507	$\frac{29}{507}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{10}{39}$	$\Phi_{507}^{4}\ \Phi_{169}^{4}\ \Phi_{13}^{3}\ \Phi_{1}^{4}$
153904	1912	273	$\frac{3}{91}$	$\frac{34}{273}$	$\frac{22}{91}$	$\frac{23}{91}$	$\Phi_{273}^{8}\ \Phi_{91}^{5}\ \Phi_{39}^{8}\ \Phi_{21}^{8}\ \Phi_{13}^{5}\ \Phi_{7}^{5}\ \Phi_{3}^{8}\ \Phi_{1}^{6}$
153905	1912	294	$\frac{1}{49}$	$\frac{55}{294}$	$\frac{12}{49}$	$\frac{37}{147}$	$\Phi_{294}^{8}\ \Phi_{147}^{4}\ \Phi_{98}^{8}\ \Phi_{49}^{7}\ \Phi_{42}^{8}\ \Phi_{21}^{4}\ \Phi_{14}^{8}\ \Phi_{7}^{7}\ \Phi_{6}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
153906	1912	637	$\frac{9}{637}$	$\frac{157}{637}$	$\frac{159}{637}$	$\frac{160}{637}$	$\Phi_{637}^{3}\ \Phi_{91}^{3}\ \Phi_{49}^{3}\ \Phi_{13}^{3}\ \Phi_{7}^{3}\ \Phi_{1}^{4}$
153907	1912	312	$\frac{5}{78}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{73}{312}$	$\Phi_{312}^{8}\ \Phi_{156}^{8}\ \Phi_{104}^{8}\ \Phi_{52}^{8}\ \Phi_{24}^{8}\ \Phi_{13}^{3}\ \Phi_{12}^{8}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{1}^{4}$
153908	1912	312	$\frac{5}{78}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{73}{312}$	$\Phi_{312}^{8}\ \Phi_{156}^{8}\ \Phi_{104}^{8}\ \Phi_{52}^{8}\ \Phi_{39}\ \Phi_{24}^{8}\ \Phi_{13}\ \Phi_{12}^{8}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{3}\ \Phi_{1}^{2}$
153909	1912	936	$\frac{5}{78}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{73}{312}$	$\Phi_{936}^{3}\ \Phi_{468}^{3}\ \Phi_{312}^{2}\ \Phi_{156}^{2}\ \Phi_{104}^{2}\ \Phi_{72}^{3}\ \Phi_{52}^{2}\ \Phi_{36}^{3}\ \Phi_{24}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
153910	1912	260	$\frac{1}{13}$	$\frac{21}{260}$	$\frac{5}{26}$	$\frac{3}{13}$	$\Phi_{260}^{8}\ \Phi_{130}^{8}\ \Phi_{65}^{8}\ \Phi_{52}^{8}\ \Phi_{20}^{8}\ \Phi_{13}^{3}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{1}^{4}$
153911	1912	585	$\frac{1}{13}$	$\frac{10}{117}$	$\frac{107}{585}$	$\frac{3}{13}$	$\Phi_{585}^{4}\ \Phi_{195}^{4}\ \Phi_{65}^{4}\ \Phi_{45}^{4}\ \Phi_{15}^{4}\ \Phi_{13}^{3}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
153912	1912	273	$\frac{1}{13}$	$\frac{34}{273}$	$\frac{5}{39}$	$\frac{3}{13}$	$\Phi_{273}^{8}\ \Phi_{91}^{8}\ \Phi_{21}^{8}\ \Phi_{13}^{3}\ \Phi_{7}^{8}\ \Phi_{1}^{4}$
153913	1912	900	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{14}{75}$	$\frac{61}{300}$	$\Phi_{900}^{3}\ \Phi_{450}^{3}\ \Phi_{300}^{2}\ \Phi_{180}^{3}\ \Phi_{150}^{2}\ \Phi_{100}^{2}\ \Phi_{90}^{3}\ \Phi_{60}^{2}\ \Phi_{50}^{2}\ \Phi_{45}^{3}\ \Phi_{36}^{3}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{3}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
153914	1912	273	$\frac{4}{39}$	$\frac{34}{273}$	$\frac{5}{39}$	$\frac{7}{39}$	$\Phi_{273}^{8}\ \Phi_{91}^{8}\ \Phi_{39}\ \Phi_{21}^{8}\ \Phi_{13}\ \Phi_{7}^{8}\ \Phi_{3}\ \Phi_{1}^{2}$
153915	1913	3808	$\frac{9}{1904}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1895}{3808}$	$\Phi_{3808}\ \Phi_{544}\ \Phi_{224}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
153916	1913	3792	$\frac{17}{1896}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1879}{3792}$	$\Phi_{3792}\ \Phi_{1264}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
153917	1913	2560	$\frac{7}{640}$	$\frac{1}{8}$	$\frac{647}{2560}$	$\frac{633}{1280}$	$\Phi_{2560}\ \Phi_{640}\ \Phi_{512}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
153918	1913	3776	$\frac{25}{1888}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1863}{3776}$	$\Phi_{3776}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
153919	1913	3760	$\frac{33}{1880}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1847}{3760}$	$\Phi_{3760}\ \Phi_{752}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
153920	1913	2304	$\frac{7}{384}$	$\frac{1}{8}$	$\frac{391}{2304}$	$\frac{377}{768}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
153921	1913	3744	$\frac{41}{1872}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1831}{3744}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
153922	1913	3712	$\frac{57}{1856}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1799}{3712}$	$\Phi_{3712}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
153923	1913	3680	$\frac{73}{1840}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1767}{3680}$	$\Phi_{3680}\ \Phi_{736}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
153924	1913	3648	$\frac{89}{1824}$	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1735}{3648}$	$\Phi_{3648}\ \Phi_{1216}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
153925	1913	2048	$\frac{7}{128}$	$\frac{135}{2048}$	$\frac{1}{8}$	$\frac{121}{256}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{512}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
153926	1913	3600	$\frac{7}{120}$	$\frac{113}{1800}$	$\frac{1}{8}$	$\frac{1687}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
153927	1913	3584	$\frac{7}{128}$	$\frac{121}{1792}$	$\frac{1}{8}$	$\frac{1671}{3584}$	$\Phi_{3584}\ \Phi_{512}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
153928	1913	3520	$\frac{7}{160}$	$\frac{153}{1760}$	$\frac{1}{8}$	$\frac{1607}{3520}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{160}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
153929	1913	3456	$\frac{7}{192}$	$\frac{185}{1728}$	$\frac{1}{8}$	$\frac{1543}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
153930	1913	2176	$\frac{9}{272}$	$\frac{263}{2176}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{544}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
153931	1913	2016	$\frac{103}{2016}$	$\frac{9}{112}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
153932	1913	3360	$\frac{7}{240}$	$\frac{1}{8}$	$\frac{233}{1680}$	$\frac{1447}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{240}\ \Phi_{224}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
153933	1913	3200	$\frac{7}{320}$	$\frac{1}{8}$	$\frac{313}{1600}$	$\frac{1287}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
153934	1913	3072	$\frac{7}{384}$	$\frac{1}{8}$	$\frac{377}{1536}$	$\frac{1159}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
153935	1913	2880	$\frac{7}{480}$	$\frac{1}{8}$	$\frac{473}{1440}$	$\frac{967}{2880}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{576}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
153936	1913	2868	$\frac{1}{239}$	$\frac{238}{717}$	$\frac{955}{2868}$	$\frac{479}{1434}$	$\Phi_{2868}\ \Phi_{956}\ \Phi_{717}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
153937	1913	2304	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{391}{2304}$	$\frac{185}{576}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
153938	1913	2160	$\frac{7}{120}$	$\frac{247}{2160}$	$\frac{1}{8}$	$\frac{113}{360}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{60}\ \Phi_{54}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
153939	1913	2688	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{121}{896}$	$\frac{775}{2688}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{192}\ \Phi_{168}\ \Phi_{128}\ \Phi_{96}\ \Phi_{84}\ \Phi_{64}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
153940	1913	2016	$\frac{103}{2016}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{144}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
153941	1913	2496	$\frac{41}{624}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{583}{2496}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{832}\ \Phi_{416}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
153942	1913	2400	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{113}{600}$	$\frac{487}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
153943	1914	3180	$\frac{1}{318}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{317}{636}$	$\Phi_{3180}\ \Phi_{1060}\ \Phi_{636}^2\ \Phi_{212}^2\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
153944	1914	636	$\frac{1}{318}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{317}{636}$	$\Phi_{636}^2\ \Phi_{318}^4\ \Phi_{212}^2\ \Phi_{159}^4\ \Phi_{106}^4\ \Phi_{53}^4\ \Phi_{12}^3\ \Phi_{6}^5\ \Phi_{4}^2\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
153945	1914	852	$\frac{1}{213}$	$\frac{1}{4}$	$\frac{107}{426}$	$\frac{106}{213}$	$\Phi_{852}^3\ \Phi_{426}\ \Phi_{284}^3\ \Phi_{213}^2\ \Phi_{142}\ \Phi_{71}^2\ \Phi_{12}^3\ \Phi_{6}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
153946	1914	3460	$\frac{1}{173}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{86}{173}$	$\Phi_{3460}\ \Phi_{692}\ \Phi_{173}\ \Phi_{20}^2\ \Phi_{4}^2\ \Phi_{1}^2$
153947	1914	2595	$\frac{1}{173}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{86}{173}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{173}\ \Phi_{15}^2\ \Phi_{3}^2\ \Phi_{1}^2$
153948	1914	4424	$\frac{3}{316}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{313}{632}$	$\Phi_{4424}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
153949	1914	3612	$\frac{1}{86}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{85}{172}$	$\Phi_{3612}\ \Phi_{1204}\ \Phi_{516}\ \Phi_{172}^2\ \Phi_{84}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
153950	1914	516	$\frac{1}{86}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{85}{172}$	$\Phi_{516}^3\ \Phi_{258}^4\ \Phi_{172}^4\ \Phi_{129}^4\ \Phi_{86}^4\ \Phi_{43}^4\ \Phi_{12}^5\ \Phi_6^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
153951	1914	1204	$\frac{1}{86}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{85}{172}$	$\Phi_{1204}^3\ \Phi_{172}^4\ \Phi_{28}^3\ \Phi_{14}^2\ \Phi_7\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
153952	1914	1260	$\frac{4}{315}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{311}{630}$	$\Phi_{1260}^2\ \Phi_{420}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^3\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_7^2\ \Phi_6\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
153953	1914	630	$\frac{4}{315}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{311}{630}$	$\Phi_{630}^6\ \Phi_{210}^6\ \Phi_{126}^6\ \Phi_{90}^6\ \Phi_{70}^6\ \Phi_{42}^6\ \Phi_{35}\ \Phi_{30}^6\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_6^6\ \Phi_2^6$
153954	1914	1420	$\frac{1}{71}$	$\frac{36}{355}$	$\frac{1}{4}$	$\frac{35}{71}$	$\Phi_{1420}^2\ \Phi_{710}^2\ \Phi_{284}\ \Phi_{142}\ \Phi_{20}^2\ \Phi_{10}^2$
153955	1914	3640	$\frac{1}{65}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{32}{65}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{280}\ \Phi_{104}\ \Phi_{65}\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{13}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
153956	1914	2730	$\frac{1}{65}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{32}{65}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{273}\ \Phi_{210}\ \Phi_{195}\ \Phi_{105}\ \Phi_{78}\ \Phi_{65}\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{13}\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
153957	1914	2080	$\frac{1}{65}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{32}{65}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{208}\ \Phi_{160}\ \Phi_{104}\ \Phi_{80}\ \Phi_{65}\ \Phi_{40}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
153958	1914	455	$\frac{1}{65}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{32}{65}$	$\Phi_{455}^4\ \Phi_{91}^4\ \Phi_{65}^5\ \Phi_{35}^5\ \Phi_{13}^5\ \Phi_7^4\ \Phi_5^6\ \Phi_1^6$
153959	1914	2688	$\frac{1}{64}$	$\frac{1}{7}$	$\frac{65}{384}$	$\frac{63}{128}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{448}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
153960	1914	3648	$\frac{1}{57}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{28}{57}$	$\Phi_{3648}\ \Phi_{1216}\ \Phi_{192}\ \Phi_{64}^2\ \Phi_{57}\ \Phi_{19}\ \Phi_3\ \Phi_1^2$
153961	1914	912	$\frac{1}{57}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{28}{57}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{57}^3\ \Phi_{48}^2\ \Phi_{38}^2\ \Phi_{24}^2\ \Phi_{19}^3\ \Phi_{16}^4\ \Phi_{12}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
153962	1914	228	$\frac{1}{57}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{28}{57}$	$\Phi_{228}^8\ \Phi_{114}^8\ \Phi_{76}^8\ \Phi_{57}^9\ \Phi_{38}^8\ \Phi_{19}^9\ \Phi_{12}^{11}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
153963	1914	2280	$\frac{1}{57}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{28}{57}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{120}\ \Phi_{95}\ \Phi_{60}\ \Phi_{57}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
153964	1914	4368	$\frac{7}{312}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{305}{624}$	$\Phi_{4368}\ \Phi_{1456}\ \Phi_{336}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
153965	1914	1913	$\frac{45}{1913}$	$\frac{89}{1913}$	$\frac{608}{1913}$	$\frac{934}{1913}$	$\Phi_{1913}\ \Phi_1^2$
153966	1914	1020	$\frac{2}{85}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{83}{170}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{60}^3\ \Phi_{51}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{17}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
153967	1914	420	$\frac{1}{35}$	$\frac{1}{12}$	$\frac{6}{35}$	$\frac{17}{35}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^5\ \Phi_{105}^5\ \Phi_{84}^5\ \Phi_{70}^5\ \Phi_{60}^5\ \Phi_{42}^5\ \Phi_{30}^5\ \Phi_{28}^5\ \Phi_{21}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{14}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4$
153968	1914	4340	$\frac{9}{310}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{301}{620}$	$\Phi_{4340}\ \Phi_{868}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
153969	1914	960	$\frac{1}{32}$	$\frac{1}{30}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{960}^4\ \Phi_{320}^4\ \Phi_{192}^3\ \Phi_{64}^4\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
153970	1914	1216	$\frac{1}{32}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{31}{64}$	$\Phi_{1216}^3\ \Phi_{64}^4\ \Phi_{38}^2\ \Phi_{19}\ \Phi_2^2\ \Phi_1^2$
153971	1914	1913	$\frac{61}{1913}$	$\frac{144}{1913}$	$\frac{329}{1913}$	$\frac{926}{1913}$	$\Phi_{1913}\ \Phi_1^2$
153972	1914	852	$\frac{7}{213}$	$\frac{10}{213}$	$\frac{1}{4}$	$\frac{103}{213}$	$\Phi_{852}^3\ \Phi_{426}^3\ \Phi_{284}^3\ \Phi_{142}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
153973	1914	2856	$\frac{1}{34}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{2856}^2\ \Phi_{408}^2\ \Phi_{168}\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}\ \Phi_6$
153974	1914	3640	$\frac{2}{65}$	$\frac{1}{28}$	$\frac{21}{65}$	$\frac{27}{56}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{280}\ \Phi_{104}\ \Phi_{65}\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{13}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
153975	1914	1288	$\frac{1}{28}$	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{1288}^3\ \Phi_{184}^3\ \Phi_{92}\ \Phi_{46}$
153976	1914	280	$\frac{1}{28}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{27}{56}$	$\Phi_{280}^{13}\ \Phi_{56}^{14}\ \Phi_{40}^{13}\ \Phi_{35}^2\ \Phi_8^{14}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
153977	1914	728	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{27}{56}$	$\Phi_{728}^5\ \Phi_{104}^5\ \Phi_{56}^6\ \Phi_{13}^5\ \Phi_8^6\ \Phi_1^6$
153978	1914	168	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{27}{56}$	$\Phi_{168}^{24}\ \Phi_{84}\ \Phi_{56}^{18}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}^{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_8^{18}$
153979	1914	300	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{13}{100}$	$\frac{12}{25}$	$\Phi_{300}^7\ \Phi_{150}^7\ \Phi_{100}^5\ \Phi_{75}^7\ \Phi_{60}^7\ \Phi_{50}^5\ \Phi_{30}^7\ \Phi_{25}^6\ \Phi_{20}^5\ \Phi_{15}^7\ \Phi_{12}^6\ \Phi_{10}^5\ \Phi_6^6\ \Phi_5^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
153980	1914	903	$\frac{1}{43}$	$\frac{1}{21}$	$\frac{14}{43}$	$\frac{10}{21}$	$\Phi_{903}^2\ \Phi_{301}^2\ \Phi_{129}^2\ \Phi_{43}^4\ \Phi_{21}^3\ \Phi_7^3\ \Phi_3^3\ \Phi_1^6$
153981	1914	420	$\frac{1}{30}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{420}^6\ \Phi_{210}^3\ \Phi_{140}^6\ \Phi_{105}^3\ \Phi_{84}^5\ \Phi_{70}^3\ \Phi_{60}^8\ \Phi_{42}^2\ \Phi_{35}^3\ \Phi_{30}^4\ \Phi_{28}^5\ \Phi_{21}^3\ \Phi_{20}^8\ \Phi_{15}^4\ \Phi_{14}^2\ \Phi_{12}^7\ \Phi_{10}^4\ \Phi_7^3\ \Phi_6^3\ \Phi_5^4\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
153982	1914	4256	$\frac{15}{304}$	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{289}{608}$	$\Phi_{4256}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
153983	1914	1913	$\frac{35}{1913}$	$\frac{117}{1913}$	$\frac{626}{1913}$	$\frac{898}{1913}$	$\Phi_{1913}\ \Phi_1^2$
153984	1914	4200	$\frac{1}{20}$	$\frac{19}{300}$	$\frac{1}{7}$	$\frac{281}{600}$	$\Phi_{4200}\ \Phi_{1400}\ \Phi_{840}\ \Phi_{280}\ \Phi_{168}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
153985	1914	3618	$\frac{1}{67}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{3618}\ \Phi_{1206}\ \Phi_{402}\ \Phi_{201}\ \Phi_{134}$
153986	1914	2010	$\frac{1}{30}$	$\frac{5}{67}$	$\frac{12}{67}$	$\frac{31}{67}$	$\Phi_{2010}\ \Phi_{1005}\ \Phi_{670}\ \Phi_{402}\ \Phi_{335}\ \Phi_{201}\ \Phi_{134}$
153987	1914	3680	$\frac{1}{23}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{160}$	$\Phi_{3680}\ \Phi_{736}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}$
153988	1914	1913	$\frac{54}{1913}$	$\frac{169}{1913}$	$\frac{347}{1913}$	$\frac{872}{1913}$	$\Phi_{1913}\ \Phi_1^2$
153989	1914	852	$\frac{4}{213}$	$\frac{19}{213}$	$\frac{1}{4}$	$\frac{97}{213}$	$\Phi_{852}^3\ \Phi_{426}^3\ \Phi_{284}^3\ \Phi_{142}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
153990	1914	1320	$\frac{1}{88}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{330}^2\ \Phi_{264}^3\ \Phi_{165}^2\ \Phi_{132}^3\ \Phi_{120}^2\ \Phi_{66}^3\ \Phi_{60}\ \Phi_{33}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
153991	1914	3460	$\frac{2}{173}$	$\frac{1}{10}$	$\frac{57}{173}$	$\frac{9}{20}$	$\Phi_{3460}\ \Phi_{692}\ \Phi_{173}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
153992	1914	2680	$\frac{1}{67}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{2680}\ \Phi_{670}\ \Phi_{536}\ \Phi_{335}\ \Phi_{134}$
153993	1914	1180	$\frac{1}{59}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{1180}\ \Phi_{590}^2\ \Phi_{295}^2\ \Phi_{236}^2\ \Phi_{118}^3\ \Phi_{59}^2$
153994	1914	3460	$\frac{5}{173}$	$\frac{1}{10}$	$\frac{28}{173}$	$\frac{9}{20}$	$\Phi_{3460}\ \Phi_{692}\ \Phi_{173}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
153995	1914	420	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{420}^{10}\ \Phi_{210}\ \Phi_{140}^9\ \Phi_{105}\ \Phi_{84}^{10}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}^9\ \Phi_{21}\ \Phi_{14}$
153996	1914	4032	$\frac{1}{32}$	$\frac{31}{288}$	$\frac{1}{7}$	$\frac{257}{576}$	$\Phi_{4032}\ \Phi_{1344}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
153997	1914	324	$\frac{5}{324}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{324}^6\ \Phi_{162}^6\ \Phi_{108}^6\ \Phi_{81}^6\ \Phi_{54}^6\ \Phi_{36}^5\ \Phi_{27}^6\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^6\ \Phi_6^5\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
153998	1914	568	$\frac{1}{71}$	$\frac{35}{284}$	$\frac{1}{4}$	$\frac{249}{568}$	$\Phi_{568}^6\ \Phi_{284}\ \Phi_{142}\ \Phi_8^6$
153999	1914	736	$\frac{1}{23}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{736}^3\ \Phi_{368}^2\ \Phi_{184}^3\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{23}^2$
154000	1914	3542	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{154}$	$\Phi_{3542}\ \Phi_{506}\ \Phi_{322}\ \Phi_{253}\ \Phi_{46}$
154001	1914	560	$\frac{1}{40}$	$\frac{39}{280}$	$\frac{1}{7}$	$\frac{241}{560}$	$\Phi_{560}^6\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}^6\ \Phi_{80}^6\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{16}^6\ \Phi_{14}$
154002	1914	1092	$\frac{4}{91}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{156}^2\ \Phi_{84}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{42}\ \Phi_{39}^2\ \Phi_{28}\ \Phi_{26}^2\ \Phi_{21}\ \Phi_{14}$
154003	1914	3350	$\frac{1}{67}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{3350}\ \Phi_{670}\ \Phi_{335}\ \Phi_{134}$
154004	1914	300	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{4}{25}$	$\frac{21}{50}$	$\Phi_{300}^7\ \Phi_{150}^7\ \Phi_{100}^7\ \Phi_{75}^7\ \Phi_{60}^7\ \Phi_{50}\ \Phi_{30}^7\ \Phi_{25}^6\ \Phi_{20}^7\ \Phi_{15}^7\ \Phi_{12}^6\ \Phi_{10}\ \Phi_6^6\ \Phi_5^6\ \Phi_4^6\ \Phi_3^6\ \Phi_1^6$
154005	1914	2412	$\frac{1}{67}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{2412}\ \Phi_{1206}\ \Phi_{603}\ \Phi_{402}\ \Phi_{201}\ \Phi_{134}$
154006	1914	1605	$\frac{2}{321}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1605}\ \Phi_{535}\ \Phi_{321}^2\ \Phi_{107}^2\ \Phi_5\ \Phi_1^2$
154007	1914	2385	$\frac{1}{159}$	$\frac{1}{5}$	$\frac{158}{477}$	$\frac{2}{5}$	$\Phi_{2385}\ \Phi_{477}^2\ \Phi_{45}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
154008	1914	2120	$\frac{1}{106}$	$\frac{1}{5}$	$\frac{105}{424}$	$\frac{2}{5}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{424}^2\ \Phi_{212}^2\ \Phi_{40}\ \Phi_{20}\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
154009	1914	1620	$\frac{5}{324}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1620}\ \Phi_{810}\ \Phi_{540}\ \Phi_{405}\ \Phi_{324}^2\ \Phi_{270}\ \Phi_{180}\ \Phi_{162}^2\ \Phi_{135}\ \Phi_{108}^2\ \Phi_{90}\ \Phi_{81}^2\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
154010	1914	1855	$\frac{1}{53}$	$\frac{52}{371}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1855}\ \Phi_{371}^2\ \Phi_{35}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
154011	1914	795	$\frac{5}{159}$	$\frac{14}{159}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{795}^2\ \Phi_{265}^2\ \Phi_{159}^4\ \Phi_{53}^4\ \Phi_{15}^2\ \Phi_5^3\ \Phi_3^4\ \Phi_1^6$
154012	1914	60	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{60}^{35}\ \Phi_{30}^{29}\ \Phi_{20}^{35}\ \Phi_{15}^{29}\ \Phi_{12}^{34}\ \Phi_{10}^{29}\ \Phi_6^{28}\ \Phi_5^{30}\ \Phi_4^{34}\ \Phi_3^{28}\ \Phi_2^{28}\ \Phi_1^{30}$
154013	1914	3216	$\frac{1}{67}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{3216}\ \Phi_{1072}\ \Phi_{402}\ \Phi_{201}\ \Phi_{134}$
154014	1914	3150	$\frac{1}{175}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{3150}\ \Phi_{1050}\ \Phi_{630}\ \Phi_{525}\ \Phi_{450}\ \Phi_{350}\ \Phi_{210}\ \Phi_{150}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{75}\ \Phi_{70}\ \Phi_{50}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
154015	1914	420	$\frac{1}{35}$	$\frac{1}{12}$	$\frac{17}{70}$	$\frac{53}{140}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^3\ \Phi_{105}^5\ \Phi_{84}^5\ \Phi_{70}^5\ \Phi_{60}^5\ \Phi_{42}^5\ \Phi_{35}^4\ \Phi_{30}^5\ \Phi_{28}^3\ \Phi_{21}^5\ \Phi_{20}^3\ \Phi_{15}^5\ \Phi_{14}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_7^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
154016	1914	3584	$\frac{1}{64}$	$\frac{1}{7}$	$\frac{63}{256}$	$\frac{193}{512}$	$\Phi_{3584}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
154017	1914	2800	$\frac{1}{175}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{2800}\ \Phi_{700}\ \Phi_{560}\ \Phi_{400}\ \Phi_{350}\ \Phi_{140}\ \Phi_{112}\ \Phi_{100}\ \Phi_{80}\ \Phi_{70}\ \Phi_{50}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
154018	1914	1913	$\frac{43}{1913}$	$\frac{170}{1913}$	$\frac{581}{1913}$	$\frac{666}{1913}$	$\Phi_{1913}\ \Phi_1^2$
154019	1914	2010	$\frac{1}{30}$	$\frac{4}{67}$	$\frac{21}{67}$	$\frac{23}{67}$	$\Phi_{2010}\ \Phi_{1005}\ \Phi_{670}\ \Phi_{402}\ \Phi_{335}\ \Phi_{201}\ \Phi_{134}$
154020	1914	1012	$\frac{1}{23}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{15}{44}$	$\Phi_{1012}^3\ \Phi_{506}\ \Phi_{253}\ \Phi_{92}^3\ \Phi_{46}$
154021	1914	1913	$\frac{62}{1913}$	$\frac{115}{1913}$	$\frac{617}{1913}$	$\frac{648}{1913}$	$\Phi_{1913}\ \Phi_1^2$
154022	1914	2100	$\frac{4}{175}$	$\frac{1}{12}$	$\frac{57}{175}$	$\frac{59}{175}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{210}\ \Phi_{150}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{70}\ \Phi_{60}\ \Phi_{50}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
154023	1914	3360	$\frac{1}{80}$	$\frac{1}{7}$	$\frac{79}{240}$	$\frac{161}{480}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{560}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
154024	1914	1284	$\frac{2}{321}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1284}^2\ \Phi_{642}^2\ \Phi_{428}^2\ \Phi_{214}^2\ \Phi_{12}\ \Phi_6$
154025	1914	1908	$\frac{1}{159}$	$\frac{1}{4}$	$\frac{158}{477}$	$\frac{1}{3}$	$\Phi_{1908}^2\ \Phi_{954}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
154026	1914	516	$\frac{1}{43}$	$\frac{1}{12}$	$\frac{14}{43}$	$\frac{1}{3}$	$\Phi_{516}^4\ \Phi_{258}^4\ \Phi_{172}^4\ \Phi_{129}^2\ \Phi_{86}^4\ \Phi_{43}^4\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
154027	1914	2874	$\frac{31}{958}$	$\frac{59}{958}$	$\frac{309}{958}$	$\frac{1}{3}$	$\Phi_{2874}\ \Phi_{1437}\ \Phi_6$
154028	1914	240	$\frac{1}{30}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{80}^8\ \Phi_{60}^8\ \Phi_{48}^6\ \Phi_{40}^8\ \Phi_{30}^{10}\ \Phi_{24}^6\ \Phi_{20}^8\ \Phi_{16}^8\ \Phi_{15}^{10}\ \Phi_{12}^6\ \Phi_{10}^{10}\ \Phi_8^8\ \Phi_6^8\ \Phi_5^{10}\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
154029	1914	714	$\frac{1}{34}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{238}^4\ \Phi_{119}^4\ \Phi_{102}^3\ \Phi_{51}^3\ \Phi_{42}\ \Phi_{34}^4\ \Phi_{21}\ \Phi_{17}^4\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
154030	1914	2874	$\frac{23}{958}$	$\frac{85}{958}$	$\frac{291}{958}$	$\frac{1}{3}$	$\Phi_{2874}\ \Phi_{1437}\ \Phi_6$
154031	1914	1320	$\frac{1}{88}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}^2\ \Phi_{330}\ \Phi_{264}^2\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{120}\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
154032	1914	1272	$\frac{1}{106}$	$\frac{105}{424}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1272}^3\ \Phi_{636}\ \Phi_{318}^2\ \Phi_{159}^2\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
154033	1914	3180	$\frac{2}{159}$	$\frac{157}{795}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3180}\ \Phi_{1590}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
154034	1914	324	$\frac{5}{324}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{324}^6\ \Phi_{162}^6\ \Phi_{108}^6\ \Phi_{81}^6\ \Phi_{54}^6\ \Phi_{36}^6\ \Phi_{27}^6\ \Phi_{18}^6\ \Phi_{12}^3\ \Phi_9^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
154035	1914	4452	$\frac{1}{53}$	$\frac{52}{371}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{4452}\ \Phi_{2226}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}\ \Phi_6$
154036	1914	1632	$\frac{1}{34}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1632}^2\ \Phi_{816}^2\ \Phi_{408}^2\ \Phi_{102}\ \Phi_{96}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_6$
154037	1914	636	$\frac{5}{159}$	$\frac{14}{159}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{636}^4\ \Phi_{318}^4\ \Phi_{212}^4\ \Phi_{106}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_4^4\ \Phi_2^4$
154038	1914	60	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{60}^{32}\ \Phi_{30}^{34}\ \Phi_{20}^{32}\ \Phi_{15}^{34}\ \Phi_{12}^{27}\ \Phi_{10}^{34}\ \Phi_6^{29}\ \Phi_5^{34}\ \Phi_4^{26}\ \Phi_3^{28}\ \Phi_2^{28}\ \Phi_1^{28}$
154039	1914	2412	$\frac{1}{67}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2412}\ \Phi_{1206}\ \Phi_{804}\ \Phi_{402}\ \Phi_{268}\ \Phi_{201}\ \Phi_{134}$
154040	1914	120	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{120}^{15}\ \Phi_{60}^{15}\ \Phi_{40}^{16}\ \Phi_{30}^{17}\ \Phi_{24}^{16}\ \Phi_{20}^{16}\ \Phi_{15}^{17}\ \Phi_{12}^{16}\ \Phi_{10}^{18}\ \Phi_8^{16}\ \Phi_6^{18}\ \Phi_5^{18}\ \Phi_4^{16}\ \Phi_3^{17}\ \Phi_2^{18}\ \Phi_1^{18}$
154041	1914	3570	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{3570}\ \Phi_{1785}\ \Phi_{510}\ \Phi_{255}\ \Phi_{210}\ \Phi_{102}\ \Phi_{51}\ \Phi_{30}\ \Phi_6$
154042	1914	2595	$\frac{2}{173}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{57}{173}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{173}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
154043	1914	602	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{14}{43}$	$\Phi_{602}^4\ \Phi_{301}^2\ \Phi_{86}^4\ \Phi_{43}^4\ \Phi_{14}^6\ \Phi_7^3\ \Phi_2^6\ \Phi_1^6$
154044	1914	3780	$\frac{8}{315}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{307}{945}$	$\Phi_{3780}\ \Phi_{1890}\ \Phi_{756}\ \Phi_{540}\ \Phi_{378}\ \Phi_{270}\ \Phi_{108}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
154045	1914	2730	$\frac{2}{65}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{21}{65}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{273}\ \Phi_{210}\ \Phi_{195}\ \Phi_{105}\ \Phi_{78}\ \Phi_{65}\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{13}\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
154046	1914	2080	$\frac{2}{65}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{21}{65}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{208}\ \Phi_{160}\ \Phi_{104}\ \Phi_{80}\ \Phi_{65}\ \Phi_{40}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
154047	1914	455	$\frac{2}{65}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{21}{65}$	$\Phi_{455}^4\ \Phi_{91}^4\ \Phi_{65}^5\ \Phi_{35}^5\ \Phi_{13}^5\ \Phi_7^4\ \Phi_5^6\ \Phi_1^6$
154048	1914	2688	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{65}{384}$	$\frac{31}{96}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{896}\ \Phi_{448}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
154049	1914	300	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{17}{75}$	$\frac{8}{25}$	$\Phi_{300}^7\ \Phi_{150}^7\ \Phi_{100}^7\ \Phi_{75}^4\ \Phi_{60}^7\ \Phi_{50}^7\ \Phi_{30}^7\ \Phi_{25}^6\ \Phi_{20}^7\ \Phi_{15}^4\ \Phi_{12}^6\ \Phi_{10}^7\ \Phi_6^6\ \Phi_5^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
154050	1914	1020	$\frac{4}{85}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{27}{85}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{204}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{60}^3\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
154051	1914	2520	$\frac{1}{20}$	$\frac{41}{360}$	$\frac{1}{7}$	$\frac{19}{60}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{315}\ \Phi_{280}\ \Phi_{252}\ \Phi_{168}\ \Phi_{140}\ \Phi_{126}\ \Phi_{70}\ \Phi_{63}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
154052	1914	304	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{9}{38}$	$\frac{5}{16}$	$\Phi_{304}^6\ \Phi_{152}^6\ \Phi_{76}^6\ \Phi_{38}^8\ \Phi_{19}^7\ \Phi_{16}^8\ \Phi_{8}^8\ \Phi_{4}^8\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
154053	1914	224	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{7}$	$\frac{5}{16}$	$\Phi_{224}^{11}\ \Phi_{112}^9\ \Phi_{56}^9\ \Phi_{28}^9\ \Phi_{14}^9\ \Phi_{7}^8$
154054	1914	1932	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{1932}^2\ \Phi_{966}\ \Phi_{483}\ \Phi_{276}^2\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
154055	1914	210	$\frac{2}{35}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{210}^{13}\ \Phi_{105}^{13}\ \Phi_{42}^{14}\ \Phi_{35}^2\ \Phi_{30}^{13}\ \Phi_{21}^{14}\ \Phi_{15}^{13}\ \Phi_{7}^2\ \Phi_{6}^{14}\ \Phi_{5}\ \Phi_{3}^{14}\ \Phi_{1}^2$
154056	1914	546	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{13}{42}$	$\Phi_{546}^5\ \Phi_{273}^5\ \Phi_{78}^5\ \Phi_{42}^6\ \Phi_{39}^5\ \Phi_{21}^6\ \Phi_{13}^5\ \Phi_{6}^6\ \Phi_{3}^6\ \Phi_{1}^6$
154057	1914	84	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{13}{42}$	$\Phi_{84}^{25}\ \Phi_{42}^{19}\ \Phi_{28}^{25}\ \Phi_{21}^{19}\ \Phi_{14}^{25}\ \Phi_{12}^{24}\ \Phi_{7}^{24}\ \Phi_{6}^{18}\ \Phi_{4}^{24}\ \Phi_{3}^{18}\ \Phi_{2}^{24}\ \Phi_{1}^{24}$
154058	1914	336	$\frac{17}{336}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{336}^6\ \Phi_{168}^5\ \Phi_{112}^6\ \Phi_{84}^5\ \Phi_{56}^6\ \Phi_{48}^6\ \Phi_{42}^5\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{21}^5\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_{8}^6\ \Phi_{7}^5\ \Phi_{6}^6\ \Phi_{4}^6\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^6$
154059	1914	252	$\frac{5}{63}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{252}^9\ \Phi_{126}^9\ \Phi_{84}^7\ \Phi_{63}^6\ \Phi_{42}^7\ \Phi_{36}^9\ \Phi_{28}^7\ \Phi_{21}^4\ \Phi_{18}^9\ \Phi_{14}^7\ \Phi_{12}^6\ \Phi_{9}^6\ \Phi_{7}^6\ \Phi_{6}^6\ \Phi_{4}^6\ \Phi_{3}^3\ \Phi_{2}^6\ \Phi_{1}^6$
154060	1914	920	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{920}^2\ \Phi_{460}^2\ \Phi_{230}^2\ \Phi_{184}^3\ \Phi_{115}^2\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{23}^2$
154061	1914	3540	$\frac{1}{59}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{3540}\ \Phi_{1770}\ \Phi_{708}\ \Phi_{354}\ \Phi_{236}\ \Phi_{118}$
154062	1914	2595	$\frac{5}{173}$	$\frac{28}{173}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2595}\ \Phi_{519}\ \Phi_{173}\ \Phi_{15}^2\ \Phi_{3}^2\ \Phi_{1}^2$
154063	1914	210	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{210}^{11}\ \Phi_{105}^{10}\ \Phi_{70}^{11}\ \Phi_{42}^{11}\ \Phi_{35}^{11}\ \Phi_{21}^{10}\ \Phi_{14}^{11}\ \Phi_{7}^{10}$
154064	1914	852	$\frac{1}{71}$	$\frac{35}{142}$	$\frac{1}{4}$	$\frac{107}{426}$	$\Phi_{852}^4\ \Phi_{426}^2\ \Phi_{284}\ \Phi_{213}^2\ \Phi_{142}\ \Phi_{12}^4\ \Phi_{6}^2\ \Phi_{3}^2$
154065	1914	736	$\frac{1}{23}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{736}^3\ \Phi_{368}^3\ \Phi_{184}^3\ \Phi_{92}\ \Phi_{46}$
154066	1914	228	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{9}{38}$	$\frac{1}{4}$	$\Phi_{228}^9\ \Phi_{114}^9\ \Phi_{76}^6\ \Phi_{57}^9\ \Phi_{38}^8\ \Phi_{19}^7\ \Phi_{12}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^8\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
154067	1914	2576	$\frac{1}{23}$	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{2576}\ \Phi_{1288}\ \Phi_{368}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}$
154068	1914	420	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{420}^6\ \Phi_{210}^3\ \Phi_{140}^6\ \Phi_{105}^3\ \Phi_{84}^6\ \Phi_{70}^3\ \Phi_{60}^8\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^4\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{20}^8\ \Phi_{15}^4\ \Phi_{14}^2\ \Phi_{12}^8\ \Phi_{10}^4\ \Phi_{7}\ \Phi_{6}^4\ \Phi_{5}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^2$
154069	1914	1120	$\frac{2}{35}$	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{280}^2\ \Phi_{224}^2\ \Phi_{160}\ \Phi_{112}^2\ \Phi_{80}\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{35}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{7}^2\ \Phi_{5}\ \Phi_{1}^2$
154070	1914	284	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{1}{4}$	$\Phi_{284}^9\ \Phi_{142}^9\ \Phi_{4}^8\ \Phi_{2}^8$
154071	1914	2700	$\frac{37}{675}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{900}\ \Phi_{540}\ \Phi_{450}\ \Phi_{300}\ \Phi_{270}\ \Phi_{150}\ \Phi_{108}\ \Phi_{100}\ \Phi_{54}\ \Phi_{50}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
154072	1914	3220	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{4}$	$\Phi_{3220}\ \Phi_{1610}\ \Phi_{460}\ \Phi_{230}\ \Phi_{92}\ \Phi_{46}$
154073	1914	756	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{59}{378}$	$\frac{1}{4}$	$\Phi_{756}^4\ \Phi_{378}^2\ \Phi_{252}^2\ \Phi_{189}^2\ \Phi_{108}^4\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{54}^2\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{12}^3\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{6}\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
154074	1914	416	$\frac{1}{13}$	$\frac{3}{32}$	$\frac{2}{13}$	$\frac{1}{4}$	$\Phi_{416}^5\ \Phi_{208}^5\ \Phi_{104}^5\ \Phi_{32}^6\ \Phi_{16}^6\ \Phi_{13}^5\ \Phi_{8}^6\ \Phi_{1}^6$
154075	1914	672	$\frac{1}{12}$	$\frac{3}{32}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{672}^4\ \Phi_{336}^4\ \Phi_{224}^3\ \Phi_{168}^4\ \Phi_{112}^3\ \Phi_{84}\ \Phi_{56}^3\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
154076	1914	252	$\frac{5}{63}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{4}$	$\Phi_{252}^{10}\ \Phi_{126}^{10}\ \Phi_{84}^{10}\ \Phi_{42}^{10}\ \Phi_{36}^{11}\ \Phi_{28}^{10}\ \Phi_{18}^{11}\ \Phi_{14}^{10}\ \Phi_{12}^{11}\ \Phi_{6}^{11}\ \Phi_{4}^{10}\ \Phi_{2}^{10}$
154077	1914	360	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{360}$	$\frac{1}{4}$	$\Phi_{360}^6\ \Phi_{180}^4\ \Phi_{120}^6\ \Phi_{90}^4\ \Phi_{72}^6\ \Phi_{60}^4\ \Phi_{45}^6\ \Phi_{40}^6\ \Phi_{36}^5\ \Phi_{30}^4\ \Phi_{24}^6\ \Phi_{20}^4\ \Phi_{18}^5\ \Phi_{15}^6\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_{9}^6\ \Phi_{8}^6\ \Phi_{6}^5\ \Phi_{5}^6\ \Phi_{4}^4\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
154078	1914	420	$\frac{4}{105}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{101}{420}$	$\Phi_{420}^6\ \Phi_{210}^6\ \Phi_{140}^6\ \Phi_{84}^6\ \Phi_{70}^6\ \Phi_{60}^6\ \Phi_{42}^6\ \Phi_{35}\ \Phi_{30}^6\ \Phi_{28}^6\ \Phi_{20}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_{10}^6\ \Phi_{6}^6\ \Phi_{4}^6\ \Phi_{2}^6$
154079	1914	760	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{9}{38}$	$\Phi_{760}^3\ \Phi_{380}^3\ \Phi_{190}^3\ \Phi_{95}^3\ \Phi_{40}^4\ \Phi_{38}^2\ \Phi_{20}^4\ \Phi_{19}\ \Phi_{10}^4\ \Phi_{5}^4\ \Phi_{2}^2\ \Phi_{1}^2$
154080	1914	2912	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{97}{416}$	$\Phi_{2912}\ \Phi_{1456}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
154081	1914	336	$\frac{1}{12}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{112}$	$\Phi_{336}^8\ \Phi_{168}^8\ \Phi_{112}^6\ \Phi_{84}\ \Phi_{56}^6\ \Phi_{48}^8\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}^8\ \Phi_{21}\ \Phi_{16}^6\ \Phi_{14}\ \Phi_{8}^6$
154082	1914	588	$\frac{1}{12}$	$\frac{11}{98}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{588}^4\ \Phi_{294}^4\ \Phi_{196}^4\ \Phi_{147}^4\ \Phi_{98}^2\ \Phi_{84}\ \Phi_{49}^2\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
154083	1914	2800	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{19}{100}$	$\frac{81}{400}$	$\Phi_{2800}\ \Phi_{1400}\ \Phi_{560}\ \Phi_{280}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
154084	1914	35	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{35}^{55}\ \Phi_{7}^{54}\ \Phi_{5}^{54}\ \Phi_{1}^{54}$
154085	1914	350	$\frac{31}{350}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{350}^6\ \Phi_{175}^6\ \Phi_{70}^6\ \Phi_{50}^6\ \Phi_{35}\ \Phi_{25}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_{2}^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
154086	1914	2520	$\frac{4}{45}$	$\frac{41}{360}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{420}\ \Phi_{280}\ \Phi_{252}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{126}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
154087	1914	455	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{2}{13}$	$\frac{6}{35}$	$\Phi_{455}^5\ \Phi_{65}^5\ \Phi_{35}^6\ \Phi_{13}^5\ \Phi_5^6\ \Phi_1^6$
154088	1914	420	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{420}^6\ \Phi_{210}^6\ \Phi_{140}^6\ \Phi_{105}^6\ \Phi_{84}\ \Phi_{70}^6\ \Phi_{60}^6\ \Phi_{42}\ \Phi_{30}^6\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{14}\ \Phi_{10}^6$
154089	1915	1528	$\frac{1}{382}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{381}{764}$	$\Phi_{1528}^2\ \Phi_{764}\ \Phi_8^3\ \Phi_4\ \Phi_1$
154090	1915	2556	$\frac{2}{639}$	$\frac{641}{2556}$	$\frac{1}{3}$	$\frac{637}{1278}$	$\Phi_{2556}\ \Phi_{852}\ \Phi_{639}\ \Phi_{284}\ \Phi_{213}\ \Phi_{71}\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
154091	1915	3816	$\frac{7}{1908}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1901}{3816}$	$\Phi_{3816}\ \Phi_{1272}\ \Phi_{424}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
154092	1915	3816	$\frac{7}{1908}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1901}{3816}$	$\Phi_{3816}\ \Phi_{1272}\ \Phi_{424}\ \Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
154093	1915	762	$\frac{2}{381}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{379}{762}$	$\Phi_{762}^2\ \Phi_{381}^3\ \Phi_{254}^2\ \Phi_{127}^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
154094	1915	696	$\frac{1}{174}$	$\frac{35}{348}$	$\frac{313}{696}$	$\frac{173}{348}$	$\Phi_{696}^5\ \Phi_{348}\ \Phi_{232}^5\ \Phi_{116}\ \Phi_{24}^5\ \Phi_{12}\ \Phi_8^5\ \Phi_4\ \Phi_1$
154095	1915	1536	$\frac{1}{128}$	$\frac{1}{6}$	$\frac{129}{512}$	$\frac{127}{256}$	$\Phi_{1536}^2\ \Phi_{512}\ \Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}\ \Phi_{96}^2\ \Phi_{64}\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
154096	1915	2280	$\frac{3}{380}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{377}{760}$	$\Phi_{2280}^2\ \Phi_{760}\ \Phi_{456}^2\ \Phi_{152}\ \Phi_{120}^2\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
154097	1915	426	$\frac{2}{213}$	$\frac{43}{426}$	$\frac{1}{3}$	$\frac{211}{426}$	$\Phi_{426}^4\ \Phi_{213}^5\ \Phi_{142}^4\ \Phi_{71}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
154098	1915	3792	$\frac{19}{1896}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1877}{3792}$	$\Phi_{3792}\ \Phi_{1264}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
154099	1915	3784	$\frac{23}{1892}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{1869}{3784}$	$\Phi_{3784}\ \Phi_{344}\ \Phi_{88}\ \Phi_{44}\ \Phi_8\ \Phi_4\ \Phi_1$
154100	1915	2304	$\frac{5}{384}$	$\frac{1}{6}$	$\frac{389}{2304}$	$\frac{379}{768}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
154101	1915	756	$\frac{5}{378}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{373}{756}$	$\Phi_{756}^5\ \Phi_{252}^5\ \Phi_{108}^5\ \Phi_{84}^5\ \Phi_{36}^5\ \Phi_{28}^5\ \Phi_{27}\ \Phi_{12}^5\ \Phi_9\ \Phi_4^5\ \Phi_1$
154102	1915	756	$\frac{5}{378}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{373}{756}$	$\Phi_{756}^5\ \Phi_{252}^5\ \Phi_{108}^5\ \Phi_{84}^5\ \Phi_{36}^5\ \Phi_{28}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
154103	1915	3696	$\frac{1}{66}$	$\frac{67}{1848}$	$\frac{1781}{3696}$	$\frac{65}{132}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{132}\ \Phi_{112}\ \Phi_{48}\ \Phi_{44}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
154104	1915	2772	$\frac{1}{66}$	$\frac{67}{924}$	$\frac{857}{2772}$	$\frac{65}{132}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{132}\ \Phi_{126}\ \Phi_{99}\ \Phi_{63}\ \Phi_{44}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
154105	1915	2112	$\frac{1}{66}$	$\frac{197}{2112}$	$\frac{67}{264}$	$\frac{65}{132}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{192}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{44}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
154106	1915	3712	$\frac{1}{58}$	$\frac{59}{1856}$	$\frac{1797}{3712}$	$\frac{57}{116}$	$\Phi_{3712}\ \Phi_{128}\ \Phi_{116}\ \Phi_4\ \Phi_1$
154107	1915	2784	$\frac{1}{58}$	$\frac{59}{928}$	$\frac{869}{2784}$	$\frac{57}{116}$	$\Phi_{2784}\ \Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{96}\ \Phi_{87}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
154108	1915	2088	$\frac{1}{58}$	$\frac{173}{2088}$	$\frac{59}{232}$	$\frac{57}{116}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{522}\ \Phi_{348}\ \Phi_{261}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
154109	1915	464	$\frac{1}{58}$	$\frac{59}{464}$	$\frac{81}{464}$	$\frac{57}{116}$	$\Phi_{464}^4\ \Phi_{232}^4\ \Phi_{116}^5\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
154110	1915	2256	$\frac{7}{376}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{369}{752}$	$\Phi_{2256}^2\ \Phi_{752}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
154111	1915	3744	$\frac{43}{1872}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1829}{3744}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
154112	1915	748	$\frac{9}{374}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{365}{748}$	$\Phi_{748}^5\ \Phi_{68}^5\ \Phi_{44}^5\ \Phi_{11}^4\ \Phi_4^5\ \Phi_1^5$
154113	1915	462	$\frac{2}{77}$	$\frac{1}{11}$	$\frac{79}{462}$	$\frac{75}{154}$	$\Phi_{462}^5\ \Phi_{231}^5\ \Phi_{77}^5\ \Phi_{66}^5\ \Phi_{42}^5\ \Phi_{33}^5\ \Phi_{21}^5\ \Phi_{11}^4\ \Phi_7^5\ \Phi_6^5\ \Phi_3^5\ \Phi_1^5$
154114	1915	744	$\frac{11}{372}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{361}{744}$	$\Phi_{744}^5\ \Phi_{248}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
154115	1915	3696	$\frac{67}{1848}$	$\frac{1}{22}$	$\frac{21}{88}$	$\frac{1781}{3696}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{112}\ \Phi_{88}\ \Phi_{48}\ \Phi_{44}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
154116	1915	3696	$\frac{67}{1848}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1781}{3696}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{112}\ \Phi_{77}\ \Phi_{48}\ \Phi_{16}\ \Phi_7\ \Phi_1$
154117	1915	440	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{57}{440}$	$\frac{53}{110}$	$\Phi_{440}^5\ \Phi_{220}^5\ \Phi_{88}^5\ \Phi_{55}^5\ \Phi_{44}^5\ \Phi_{40}^5\ \Phi_{20}^5\ \Phi_{11}^4\ \Phi_8^5\ \Phi_5^5\ \Phi_4^5\ \Phi_1^5$
154118	1915	2208	$\frac{15}{368}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{353}{736}$	$\Phi_{2208}^2\ \Phi_{736}\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
154119	1915	3648	$\frac{91}{1824}$	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{1733}{3648}$	$\Phi_{3648}\ \Phi_{1216}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
154120	1915	720	$\frac{1}{24}$	$\frac{23}{360}$	$\frac{1}{6}$	$\frac{337}{720}$	$\Phi_{720}^5\ \Phi_{240}^5\ \Phi_{144}^5\ \Phi_{80}^5\ \Phi_{48}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
154121	1915	1944	$\frac{29}{1944}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
154122	1915	3564	$\frac{1}{66}$	$\frac{133}{1782}$	$\frac{65}{198}$	$\frac{1649}{3564}$	$\Phi_{3564}\ \Phi_{1188}\ \Phi_{396}\ \Phi_{324}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{44}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
154123	1915	2112	$\frac{1}{32}$	$\frac{31}{352}$	$\frac{1}{6}$	$\frac{321}{704}$	$\Phi_{2112}^2\ \Phi_{704}\ \Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
154124	1915	704	$\frac{1}{22}$	$\frac{31}{352}$	$\frac{21}{176}$	$\frac{321}{704}$	$\Phi_{704}^5\ \Phi_{176}\ \Phi_{88}\ \Phi_{64}^5\ \Phi_{44}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
154125	1915	528	$\frac{1}{66}$	$\frac{13}{132}$	$\frac{145}{528}$	$\frac{119}{264}$	$\Phi_{528}^5\ \Phi_{176}^5\ \Phi_{132}^5\ \Phi_{66}^4\ \Phi_{48}^5\ \Phi_{44}^5\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
154126	1915	696	$\frac{2}{87}$	$\frac{35}{348}$	$\frac{17}{87}$	$\frac{313}{696}$	$\Phi_{696}^5\ \Phi_{232}^5\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{24}^5\ \Phi_8^5\ \Phi_3^2\ \Phi_1^3$
154127	1915	3456	$\frac{5}{192}$	$\frac{187}{1728}$	$\frac{1}{6}$	$\frac{1541}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
154128	1915	2112	$\frac{1}{22}$	$\frac{197}{2112}$	$\frac{21}{176}$	$\frac{155}{352}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{64}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
154129	1915	3408	$\frac{2}{213}$	$\frac{211}{1704}$	$\frac{1}{3}$	$\frac{1493}{3408}$	$\Phi_{3408}\ \Phi_{1136}\ \Phi_{213}\ \Phi_{71}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
154130	1915	2002	$\frac{87}{2002}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{154}$	$\Phi_{2002}\ \Phi_{1001}\ \Phi_{286}\ \Phi_{182}\ \Phi_{143}\ \Phi_{91}\ \Phi_{77}\ \Phi_{26}\ \Phi_{13}\ \Phi_7\ \Phi_1$
154131	1915	3388	$\frac{1}{22}$	$\frac{21}{242}$	$\frac{221}{1694}$	$\frac{1473}{3388}$	$\Phi_{3388}\ \Phi_{484}\ \Phi_{308}\ \Phi_{242}\ \Phi_{121}\ \Phi_{44}\ \Phi_{28}\ \Phi_4\ \Phi_1$
154132	1915	672	$\frac{1}{48}$	$\frac{47}{336}$	$\frac{1}{6}$	$\frac{289}{672}$	$\Phi_{672}^5\ \Phi_{224}^5\ \Phi_{96}^5\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
154133	1915	660	$\frac{1}{66}$	$\frac{53}{330}$	$\frac{13}{66}$	$\frac{277}{660}$	$\Phi_{660}^5\ \Phi_{220}^5\ \Phi_{132}^5\ \Phi_{66}^4\ \Phi_{60}^5\ \Phi_{44}^5\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{20}^5\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
154134	1915	660	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{53}{330}$	$\frac{277}{660}$	$\Phi_{660}^5\ \Phi_{220}^5\ \Phi_{132}^5\ \Phi_{60}^5\ \Phi_{55}^5\ \Phi_{44}^5\ \Phi_{20}^5\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_5^5\ \Phi_4^5\ \Phi_1^5$
154135	1915	2376	$\frac{1}{66}$	$\frac{65}{396}$	$\frac{461}{2376}$	$\frac{331}{792}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{216}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
154136	1915	2544	$\frac{7}{636}$	$\frac{1}{6}$	$\frac{629}{2544}$	$\frac{5}{12}$	$\Phi_{2544}\ \Phi_{1272}\ \Phi_{848}\ \Phi_{424}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
154137	1915	1944	$\frac{29}{1944}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
154138	1915	396	$\frac{13}{396}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{396}^5\ \Phi_{198}^5\ \Phi_{132}^5\ \Phi_{99}^5\ \Phi_{66}^5\ \Phi_{44}^5\ \Phi_{36}^5\ \Phi_{33}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_9^5\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_1^5$
154139	1915	435	$\frac{2}{87}$	$\frac{52}{435}$	$\frac{17}{87}$	$\frac{35}{87}$	$\Phi_{435}^5\ \Phi_{145}^5\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{15}^5\ \Phi_5^5\ \Phi_3^2\ \Phi_1^3$
154140	1915	1920	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{63}{320}$	$\frac{257}{640}$	$\Phi_{1920}^2\ \Phi_{640}\ \Phi_{384}^2\ \Phi_{192}^2\ \Phi_{128}\ \Phi_{96}^2\ \Phi_{64}\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
154141	1915	3168	$\frac{1}{66}$	$\frac{65}{396}$	$\frac{331}{1584}$	$\frac{1253}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{396}\ \Phi_{352}\ \Phi_{288}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{96}\ \Phi_{44}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
154142	1915	1926	$\frac{11}{1926}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1926}\ \Phi_{963}\ \Phi_{642}\ \Phi_{321}\ \Phi_{214}\ \Phi_{107}\ \Phi_9\ \Phi_1$
154143	1915	3132	$\frac{1}{174}$	$\frac{349}{1566}$	$\frac{173}{522}$	$\frac{1217}{3132}$	$\Phi_{3132}\ \Phi_{1044}\ \Phi_{522}\ \Phi_{348}\ \Phi_{261}\ \Phi_{116}\ \Phi_{108}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
154144	1915	616	$\frac{2}{77}$	$\frac{1}{11}$	$\frac{75}{308}$	$\frac{233}{616}$	$\Phi_{616}^5\ \Phi_{88}^5\ \Phi_{77}^5\ \Phi_{56}^5\ \Phi_{11}^4\ \Phi_8^5\ \Phi_7^5\ \Phi_1^5$
154145	1915	3072	$\frac{5}{384}$	$\frac{1}{6}$	$\frac{379}{1536}$	$\frac{1157}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{384}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
154146	1915	2784	$\frac{1}{174}$	$\frac{173}{696}$	$\frac{869}{2784}$	$\frac{523}{1392}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{116}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
154147	1915	4584	$\frac{1}{191}$	$\frac{1}{4}$	$\frac{190}{573}$	$\frac{3}{8}$	$\Phi_{4584}\ \Phi_{573}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
154148	1915	2904	$\frac{21}{484}$	$\frac{1}{22}$	$\frac{463}{1452}$	$\frac{989}{2904}$	$\Phi_{2904}\ \Phi_{968}\ \Phi_{484}\ \Phi_{264}\ \Phi_{242}\ \Phi_{121}\ \Phi_{88}\ \Phi_{44}\ \Phi_{24}\ \Phi_8\ \Phi_4\ \Phi_1$
154149	1915	576	$\frac{1}{96}$	$\frac{1}{6}$	$\frac{95}{288}$	$\frac{193}{576}$	$\Phi_{576}^5\ \Phi_{192}^5\ \Phi_{96}^5\ \Phi_{64}^5\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
154150	1915	2862	$\frac{7}{954}$	$\frac{2}{9}$	$\frac{947}{2862}$	$\frac{1}{3}$	$\Phi_{2862}\ \Phi_{1431}\ \Phi_{54}\ \Phi_{27}\ \Phi_9\ \Phi_1$
154151	1915	567	$\frac{5}{189}$	$\frac{2}{27}$	$\frac{184}{567}$	$\frac{1}{3}$	$\Phi_{567}^5\ \Phi_{81}^5\ \Phi_{27}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
154152	1915	2556	$\frac{2}{213}$	$\frac{211}{852}$	$\frac{641}{2556}$	$\frac{1}{3}$	$\Phi_{2556}\ \Phi_{1278}\ \Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
154153	1915	477	$\frac{7}{477}$	$\frac{94}{477}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{477}^4\ \Phi_{159}^4\ \Phi_{53}^4\ \Phi_9^5\ \Phi_3^4\ \Phi_1^5$
154154	1915	1944	$\frac{29}{1944}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
154155	1915	405	$\frac{22}{405}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{1}{3}$	$\Phi_{405}^5\ \Phi_{135}^5\ \Phi_{81}^5\ \Phi_{45}^5\ \Phi_{27}\ \Phi_{15}^5\ \Phi_9\ \Phi_5^5\ \Phi_1$
154156	1915	2268	$\frac{25}{378}$	$\frac{2}{27}$	$\frac{353}{2268}$	$\frac{1}{3}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{324}\ \Phi_{252}\ \Phi_{162}\ \Phi_{108}\ \Phi_{84}\ \Phi_{81}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
154157	1915	2079	$\frac{2}{27}$	$\frac{164}{2079}$	$\frac{25}{189}$	$\frac{1}{3}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{297}\ \Phi_{231}\ \Phi_{99}\ \Phi_{77}\ \Phi_{33}\ \Phi_{27}\ \Phi_{11}\ \Phi_9\ \Phi_1$
154158	1915	432	$\frac{2}{27}$	$\frac{5}{54}$	$\frac{49}{432}$	$\frac{1}{3}$	$\Phi_{432}^5\ \Phi_{216}^5\ \Phi_{144}^5\ \Phi_{108}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{27}\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_9\ \Phi_8^5\ \Phi_4^5\ \Phi_1$
154159	1915	2376	$\frac{1}{66}$	$\frac{461}{2376}$	$\frac{133}{594}$	$\frac{65}{198}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{216}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
154160	1915	2304	$\frac{5}{192}$	$\frac{1}{6}$	$\frac{389}{2304}$	$\frac{187}{576}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{256}\ \Phi_{192}\ \Phi_{128}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
154161	1915	495	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{112}{495}$	$\frac{53}{165}$	$\Phi_{495}^5\ \Phi_{99}^5\ \Phi_{55}^5\ \Phi_{45}^5\ \Phi_{11}^4\ \Phi_9^5\ \Phi_5^5\ \Phi_1^5$
154162	1915	432	$\frac{1}{24}$	$\frac{49}{432}$	$\frac{1}{6}$	$\frac{23}{72}$	$\Phi_{432}^5\ \Phi_{216}^5\ \Phi_{144}^5\ \Phi_{108}^5\ \Phi_{54}^5\ \Phi_{48}^5\ \Phi_{27}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
154163	1915	561	$\frac{9}{187}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{178}{561}$	$\Phi_{561}^5\ \Phi_{51}^5\ \Phi_{33}^5\ \Phi_{11}^4\ \Phi_3^5\ \Phi_1^5$
154164	1915	2772	$\frac{67}{924}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{857}{2772}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_1$
154165	1915	2016	$\frac{101}{2016}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{144}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
154166	1915	2079	$\frac{164}{2079}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{231}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{297}\ \Phi_{189}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{27}\ \Phi_9\ \Phi_7\ \Phi_1$
154167	1915	396	$\frac{13}{396}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{396}^5\ \Phi_{198}^5\ \Phi_{132}^5\ \Phi_{99}^5\ \Phi_{66}^5\ \Phi_{44}^5\ \Phi_{36}^5\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{12}^5\ \Phi_{11}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
154168	1915	528	$\frac{1}{22}$	$\frac{21}{176}$	$\frac{31}{176}$	$\frac{145}{528}$	$\Phi_{528}^5\ \Phi_{264}^5\ \Phi_{176}\ \Phi_{132}^5\ \Phi_{88}\ \Phi_{66}^5\ \Phi_{48}^5\ \Phi_{44}\ \Phi_{33}^5\ \Phi_{24}^5\ \Phi_{16}\ \Phi_{12}^5\ \Phi_8\ \Phi_6^5\ \Phi_4\ \Phi_3^5\ \Phi_1$
154169	1915	522	$\frac{2}{87}$	$\frac{17}{87}$	$\frac{35}{174}$	$\frac{139}{522}$	$\Phi_{522}^5\ \Phi_{261}^5\ \Phi_{87}^2\ \Phi_{29}^2\ \Phi_{18}^5\ \Phi_9^5\ \Phi_3^2\ \Phi_1^3$
154170	1915	2112	$\frac{1}{22}$	$\frac{197}{2112}$	$\frac{21}{88}$	$\frac{67}{264}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{192}\ \Phi_{176}\ \Phi_{96}\ \Phi_{88}\ \Phi_{64}\ \Phi_{48}\ \Phi_{44}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
154171	1915	456	$\frac{3}{76}$	$\frac{73}{456}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{456}^5\ \Phi_{228}^3\ \Phi_{152}^5\ \Phi_{114}^3\ \Phi_{76}^4\ \Phi_{57}^3\ \Phi_{38}^4\ \Phi_{24}^5\ \Phi_{19}^4\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
154172	1915	1200	$\frac{17}{400}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}\ \Phi_{300}^2\ \Phi_{240}^2\ \Phi_{200}\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}^2\ \Phi_{50}\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
154173	1915	504	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{121}{504}$	$\Phi_{504}^5\ \Phi_{252}^5\ \Phi_{168}^5\ \Phi_{84}^5\ \Phi_{72}^5\ \Phi_{56}^5\ \Phi_{36}^5\ \Phi_{28}^5\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
154174	1915	2464	$\frac{1}{22}$	$\frac{67}{616}$	$\frac{549}{2464}$	$\frac{21}{88}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{352}\ \Phi_{224}\ \Phi_{176}\ \Phi_{112}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
154175	1915	2496	$\frac{43}{624}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{581}{2496}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{832}\ \Phi_{416}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
154176	1915	2464	$\frac{1}{11}$	$\frac{67}{616}$	$\frac{10}{77}$	$\frac{549}{2464}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{352}\ \Phi_{224}\ \Phi_{176}\ \Phi_{112}\ \Phi_{77}\ \Phi_{32}\ \Phi_{16}\ \Phi_7\ \Phi_1$
154177	1915	2156	$\frac{1}{11}$	$\frac{241}{2156}$	$\frac{10}{77}$	$\frac{67}{308}$	$\Phi_{2156}\ \Phi_{1078}\ \Phi_{539}\ \Phi_{196}\ \Phi_{98}\ \Phi_{77}\ \Phi_{49}\ \Phi_7\ \Phi_1$
154178	1915	480	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{23}{120}$	$\frac{97}{480}$	$\Phi_{480}^5\ \Phi_{240}^5\ \Phi_{160}^5\ \Phi_{96}^5\ \Phi_{80}^5\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
154179	1915	462	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{462}$	$\frac{79}{462}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{77}^5\ \Phi_{66}^4\ \Phi_{42}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{11}^4\ \Phi_7^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
154180	1915	420	$\frac{37}{420}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^5\ \Phi_{105}^5\ \Phi_{84}^5\ \Phi_{70}^5\ \Phi_{60}^5\ \Phi_{35}^5\ \Phi_{30}^5\ \Phi_{28}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
154181	1915	432	$\frac{5}{54}$	$\frac{49}{432}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{432}^5\ \Phi_{216}^5\ \Phi_{144}^5\ \Phi_{108}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
154182	1916	2868	$\frac{1}{478}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{477}{956}$	$\Phi_{2868}\ \Phi_{956}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
154183	1916	766	$\frac{1}{383}$	$\frac{96}{383}$	$\frac{287}{766}$	$\frac{191}{383}$	$\Phi_{766}^4\ \Phi_{383}\ \Phi_2^4\ \Phi_1^2$
154184	1916	955	$\frac{3}{955}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{476}{955}$	$\Phi_{955}^2\ \Phi_{191}^2\ \Phi_5^3\ \Phi_1^4$
154185	1916	4770	$\frac{2}{477}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{475}{954}$	$\Phi_{4770}\ \Phi_{1590}\ \Phi_{530}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
154186	1916	1905	$\frac{11}{1905}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{947}{1905}$	$\Phi_{1905}\ \Phi_{635}\ \Phi_{381}\ \Phi_{127}\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
154187	1916	640	$\frac{1}{160}$	$\frac{1}{5}$	$\frac{161}{640}$	$\frac{159}{320}$	$\Phi_{640}^4\ \Phi_{160}^4\ \Phi_{128}^4\ \Phi_{80}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
154188	1916	2856	$\frac{3}{476}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{473}{952}$	$\Phi_{2856}^2\ \Phi_{408}^2\ \Phi_{168}^2\ \Phi_{24}^2\ \Phi_{21}$
154189	1916	4760	$\frac{3}{476}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{473}{952}$	$\Phi_{4760}\ \Phi_{680}\ \Phi_{280}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
154190	1916	1644	$\frac{1}{137}$	$\frac{69}{548}$	$\frac{1}{3}$	$\frac{68}{137}$	$\Phi_{1644}^2\ \Phi_{822}^2\ \Phi_{411}\ \Phi_{12}^2\ \Phi_6^2$
154191	1916	950	$\frac{4}{475}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{471}{950}$	$\Phi_{950}^4\ \Phi_{190}^4\ \Phi_{50}^4\ \Phi_{38}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
154192	1916	2880	$\frac{1}{96}$	$\frac{97}{576}$	$\frac{1}{5}$	$\frac{95}{192}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{180}\ \Phi_{160}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
154193	1916	4740	$\frac{5}{474}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{469}{948}$	$\Phi_{4740}\ \Phi_{1580}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
154194	1916	945	$\frac{13}{945}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{466}{945}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{15}^4\ \Phi_9^2\ \Phi_7^2\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
154195	1916	4720	$\frac{7}{472}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{465}{944}$	$\Phi_{4720}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
154196	1916	940	$\frac{9}{470}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{461}{940}$	$\Phi_{940}^4\ \Phi_{188}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
154197	1916	4680	$\frac{11}{468}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{457}{936}$	$\Phi_{4680}\ \Phi_{1560}\ \Phi_{520}\ \Phi_{360}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
154198	1916	930	$\frac{14}{465}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{451}{930}$	$\Phi_{930}^4\ \Phi_{310}^4\ \Phi_{186}^4\ \Phi_{62}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
154199	1916	2560	$\frac{1}{32}$	$\frac{33}{512}$	$\frac{1}{5}$	$\frac{31}{64}$	$\Phi_{2560}\ \Phi_{1280}\ \Phi_{640}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
154200	1916	4640	$\frac{15}{464}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{449}{928}$	$\Phi_{4640}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
154201	1916	920	$\frac{19}{460}$	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{441}{920}$	$\Phi_{920}^4\ \Phi_{184}^4\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
154202	1916	4560	$\frac{1}{24}$	$\frac{23}{456}$	$\frac{1}{5}$	$\frac{433}{912}$	$\Phi_{4560}\ \Phi_{1520}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
154203	1916	900	$\frac{1}{30}$	$\frac{29}{450}$	$\frac{1}{5}$	$\frac{421}{900}$	$\Phi_{900}^4\ \Phi_{300}^4\ \Phi_{180}^4\ \Phi_{100}^4\ \Phi_{60}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
154204	1916	4480	$\frac{1}{32}$	$\frac{31}{448}$	$\frac{1}{5}$	$\frac{417}{896}$	$\Phi_{4480}\ \Phi_{640}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
154205	1916	880	$\frac{1}{40}$	$\frac{39}{440}$	$\frac{1}{5}$	$\frac{401}{880}$	$\Phi_{880}^4\ \Phi_{176}^4\ \Phi_{80}^4\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
154206	1916	4320	$\frac{1}{48}$	$\frac{47}{432}$	$\frac{1}{5}$	$\frac{385}{864}$	$\Phi_{4320}\ \Phi_{1440}\ \Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
154207	1916	840	$\frac{1}{60}$	$\frac{59}{420}$	$\frac{1}{5}$	$\frac{361}{840}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{168}^4\ \Phi_{120}^4\ \Phi_{60}^4\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
154208	1916	483	$\frac{4}{483}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{483}^4\ \Phi_{161}^4\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_{21}^3\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
154209	1916	822	$\frac{1}{137}$	$\frac{68}{411}$	$\frac{1}{3}$	$\frac{343}{822}$	$\Phi_{822}^4\ \Phi_{411}\ \Phi_{274}^4\ \Phi_6^4\ \Phi_2^4$
154210	1916	800	$\frac{1}{80}$	$\frac{79}{400}$	$\frac{1}{5}$	$\frac{321}{800}$	$\Phi_{800}^4\ \Phi_{160}^4\ \Phi_{80}^4\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
154211	1916	3840	$\frac{1}{96}$	$\frac{1}{5}$	$\frac{95}{384}$	$\frac{289}{768}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{480}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
154212	1916	720	$\frac{1}{120}$	$\frac{1}{5}$	$\frac{119}{360}$	$\frac{241}{720}$	$\Phi_{720}^4\ \Phi_{240}^4\ \Phi_{144}^4\ \Phi_{120}^4\ \Phi_{80}^4\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
154213	1916	717	$\frac{1}{239}$	$\frac{238}{717}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{717}^3\ \Phi_{239}^2\ \Phi_3^4\ \Phi_1^4$
154214	1916	1233	$\frac{1}{137}$	$\frac{275}{1233}$	$\frac{136}{411}$	$\frac{1}{3}$	$\Phi_{1233}^2\ \Phi_{411}\ \Phi_9^2$
154215	1916	714	$\frac{3}{238}$	$\frac{1}{7}$	$\frac{235}{714}$	$\frac{1}{3}$	$\Phi_{714}^2\ \Phi_{357}^2\ \Phi_{238}^4\ \Phi_{119}^4\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{42}^2\ \Phi_{34}^4\ \Phi_{21}^3\ \Phi_{17}^4\ \Phi_{14}^4\ \Phi_7^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
154216	1916	3180	$\frac{2}{159}$	$\frac{1}{5}$	$\frac{157}{636}$	$\frac{1}{3}$	$\Phi_{3180}\ \Phi_{1590}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
154217	1916	2430	$\frac{7}{486}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
154218	1916	1470	$\frac{11}{490}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{1470}^2\ \Phi_{735}^2\ \Phi_{294}^2\ \Phi_{210}^2\ \Phi_{147}^2\ \Phi_{105}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^2$
154219	1916	1785	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{116}{595}$	$\frac{1}{3}$	$\Phi_{1785}^2\ \Phi_{255}^2\ \Phi_{105}^2\ \Phi_{21}\ \Phi_{15}^2$
154220	1916	504	$\frac{25}{504}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{84}^2\ \Phi_{72}^4\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{42}^2\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{24}^4$ $\Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_9^4\ \Phi_8^4\ \Phi_7^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
154221	1916	1071	$\frac{6}{119}$	$\frac{113}{1071}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1071}^2\ \Phi_{357}\ \Phi_{153}^2\ \Phi_{119}^2\ \Phi_{63}^2\ \Phi_{51}\ \Phi_{21}^2\ \Phi_{17}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
154222	1916	2880	$\frac{1}{48}$	$\frac{97}{576}$	$\frac{1}{5}$	$\frac{47}{144}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{960}\ \Phi_{480}\ \Phi_{320}\ \Phi_{240}\ \Phi_{160}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}$ $\Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
154223	1916	540	$\frac{1}{30}$	$\frac{61}{540}$	$\frac{1}{5}$	$\frac{29}{90}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{60}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{20}^4\ \Phi_{15}^4$ $\Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
154224	1916	2520	$\frac{25}{504}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}$ $\Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
154225	1916	495	$\frac{16}{495}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{45}^2\ \Phi_{33}^4\ \Phi_{15}^4\ \Phi_{11}^4\ \Phi_9^2\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
154226	1916	3360	$\frac{1}{32}$	$\frac{31}{224}$	$\frac{1}{5}$	$\frac{193}{672}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{480}\ \Phi_{420}\ \Phi_{240}\ \Phi_{210}\ \Phi_{160}\ \Phi_{120}\ \Phi_{105}$ $\Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
154227	1916	2720	$\frac{3}{68}$	$\frac{65}{544}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2720}\ \Phi_{1360}\ \Phi_{680}\ \Phi_{160}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
154228	1916	2520	$\frac{25}{504}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{210}\ \Phi_{180}$ $\Phi_{120}\ \Phi_{105}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
154229	1916	630	$\frac{13}{315}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{151}{630}$	$\Phi_{630}^4\ \Phi_{315}^2\ \Phi_{210}^4\ \Phi_{126}^4\ \Phi_{105}^2\ \Phi_{90}^4\ \Phi_{70}^4\ \Phi_{63}^2\ \Phi_{45}^4\ \Phi_{42}^4\ \Phi_{35}^2\ \Phi_{30}^4$ $\Phi_{21}^2\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_9^2\ \Phi_7^2\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
154230	1916	3120	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{145}{624}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}$ $\Phi_{15}\ \Phi_{10}$
154231	1916	600	$\frac{1}{30}$	$\frac{29}{150}$	$\frac{1}{5}$	$\frac{121}{600}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{200}^4\ \Phi_{120}^4\ \Phi_{100}^4\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4$ $\Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
154232	1916	500	$\frac{21}{500}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{500}^4\ \Phi_{250}^4\ \Phi_{125}^4\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
154233	1916	570	$\frac{4}{95}$	$\frac{91}{570}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{570}^4\ \Phi_{285}^4\ \Phi_{190}^4\ \Phi_{114}^4\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4$ $\Phi_2^4\ \Phi_1^4$
154234	1916	525	$\frac{46}{525}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{525}^4\ \Phi_{175}^4\ \Phi_{105}^2\ \Phi_{75}^4\ \Phi_{35}^2\ \Phi_{25}^4\ \Phi_{21}^2\ \Phi_{15}^4\ \Phi_7^2\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
154235	1916	540	$\frac{13}{135}$	$\frac{61}{540}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^2\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{54}^4\ \Phi_{45}^2\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{27}^2$ $\Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
154236	1917	3824	$\frac{5}{1912}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1907}{3824}$	$\Phi_{3824}\ \Phi_{16}\ \Phi_8\ \Phi_1$
154237	1917	2560	$\frac{3}{640}$	$\frac{1}{4}$	$\frac{643}{2560}$	$\frac{637}{1280}$	$\Phi_{2560}\ \Phi_{640}\ \Phi_{512}\ \Phi_{320}\ \Phi_{160}\ \Phi_{128}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}$ $\Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
154238	1917	848	$\frac{1}{212}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{211}{424}$	$\Phi_{848}^4\ \Phi_{424}\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
154239	1917	424	$\frac{1}{212}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{211}{424}$	$\Phi_{424}^9\ \Phi_8^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
154240	1917	2540	$\frac{4}{635}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{631}{1270}$	$\Phi_{2540}\ \Phi_{635}\ \Phi_{508}\ \Phi_{127}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
154241	1917	3808	$\frac{13}{1904}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1891}{3808}$	$\Phi_{3808}\ \Phi_{544}\ \Phi_{224}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
154242	1917	256	$\frac{1}{128}$	$\frac{43}{256}$	$\frac{1}{4}$	$\frac{127}{256}$	$\Phi_{256}^6\ \Phi_{128}^9\ \Phi_{64}^9\ \Phi_{32}^9\ \Phi_{16}^9\ \Phi_8^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
154243	1917	3800	$\frac{17}{1900}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1883}{3800}$	$\Phi_{3800}\ \Phi_{760}\ \Phi_{200}\ \Phi_{152}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
154244	1917	1264	$\frac{7}{632}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{625}{1264}$	$\Phi_{1264}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
154245	1917	1820	$\frac{1}{70}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{69}{140}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{182}^2\ \Phi_{140}\ \Phi_{130}^2\ \Phi_{91}^2\ \Phi_{70}^2\ \Phi_{65}^2\ \Phi_{52}\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{26}^2$ $\Phi_{20}\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
154246	1917	1820	$\frac{1}{70}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{69}{140}$	$\Phi_{1820}^2\ \Phi_{364}^2\ \Phi_{260}^2\ \Phi_{140}^3\ \Phi_{52}^2\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{13}^2\ \Phi_4^3\ \Phi_1^3$
154247	1917	140	$\frac{1}{70}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{69}{140}$	$\Phi_{140}^9\ \Phi_{70}^{18}\ \Phi_{35}^{18}\ \Phi_{28}^9\ \Phi_{20}^{11}\ \Phi_{14}^{18}\ \Phi_{10}^{19}\ \Phi_7^{18}\ \Phi_5^{19}\ \Phi_4^{10}\ \Phi_2^{18}\ \Phi_1^{19}$
154248	1917	3776	$\frac{29}{1888}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1859}{3776}$	$\Phi_{3776}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
154249	1917	3760	$\frac{37}{1880}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1843}{3760}$	$\Phi_{3760}\ \Phi_{752}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
154250	1917	2048	$\frac{3}{128}$	$\frac{131}{2048}$	$\frac{1}{4}$	$\frac{125}{256}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{512}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
154251	1917	416	$\frac{5}{208}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{203}{416}$	$\Phi_{416}^{9}\,\Phi_{32}^{9}\,\Phi_{16}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
154252	1917	1932	$\frac{2}{69}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{1932}\,\Phi_{966}\,\Phi_{644}\,\Phi_{483}\,\Phi_{322}\,\Phi_{276}\,\Phi_{161}\,\Phi_{92}\,\Phi_{84}^{2}\,\Phi_{69}\,\Phi_{42}^{2}\,\Phi_{28}\,\Phi_{23}\,\Phi_{21}^{2}\,\Phi_{14}\,\Phi_{12}^{2}\,\Phi_{7}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
154253	1917	1240	$\frac{19}{620}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{601}{1240}$	$\Phi_{1240}^{3}\,\Phi_{248}^{3}\,\Phi_{40}^{3}\,\Phi_{20}^{3}\,\Phi_{10}^{3}\,\Phi_{8}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
154254	1917	3712	$\frac{61}{1856}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{1795}{3712}$	$\Phi_{3712}\,\Phi_{128}\,\Phi_{64}\,\Phi_{32}\,\Phi_{16}\,\Phi_{8}\,\Phi_{1}$
154255	1917	5460	$\frac{1}{35}$	$\frac{1}{26}$	$\frac{34}{105}$	$\frac{25}{52}$	$\Phi_{5460}\,\Phi_{1092}\,\Phi_{780}\,\Phi_{420}\,\Phi_{156}\,\Phi_{105}\,\Phi_{84}\,\Phi_{60}\,\Phi_{52}\,\Phi_{21}\,\Phi_{15}\,\Phi_{12}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
154256	1917	3900	$\frac{1}{26}$	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{3900}\,\Phi_{1300}\,\Phi_{780}\,\Phi_{300}\,\Phi_{156}\,\Phi_{100}\,\Phi_{75}\,\Phi_{60}\,\Phi_{52}\,\Phi_{25}\,\Phi_{15}\,\Phi_{12}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
154257	1917	1092	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{25}{52}$	$\Phi_{1092}^{2}\,\Phi_{546}^{2}\,\Phi_{273}^{2}\,\Phi_{182}^{2}\,\Phi_{156}^{2}\,\Phi_{91}^{2}\,\Phi_{84}^{3}\,\Phi_{78}^{2}\,\Phi_{52}\,\Phi_{42}^{3}\,\Phi_{39}^{2}\,\Phi_{28}\,\Phi_{26}^{2}\,\Phi_{21}^{3}\,\Phi_{14}^{2}\,\Phi_{13}^{2}\,\Phi_{12}^{3}\,\Phi_{7}^{2}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
154258	1917	4004	$\frac{1}{26}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{25}{52}$	$\Phi_{4004}\,\Phi_{572}\,\Phi_{308}\,\Phi_{77}\,\Phi_{52}\,\Phi_{44}\,\Phi_{11}\,\Phi_{4}\,\Phi_{1}$
154259	1917	1040	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{25}{52}$	$\Phi_{1040}^{2}\,\Phi_{520}^{2}\,\Phi_{208}^{2}\,\Phi_{130}^{2}\,\Phi_{104}^{2}\,\Phi_{80}^{3}\,\Phi_{65}^{2}\,\Phi_{52}\,\Phi_{40}^{3}\,\Phi_{26}^{2}\,\Phi_{20}\,\Phi_{16}^{3}\,\Phi_{13}^{2}\,\Phi_{10}^{2}\,\Phi_{8}^{3}\,\Phi_{5}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
154260	1917	672	$\frac{1}{28}$	$\frac{1}{24}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{672}^{4}\,\Phi_{224}^{4}\,\Phi_{168}^{4}\,\Phi_{96}^{3}\,\Phi_{84}^{4}\,\Phi_{56}^{4}\,\Phi_{42}^{4}\,\Phi_{32}^{3}\,\Phi_{28}^{3}\,\Phi_{24}^{3}\,\Phi_{21}^{4}\,\Phi_{14}^{3}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
154261	1917	3680	$\frac{3}{80}$	$\frac{77}{1840}$	$\frac{1}{4}$	$\frac{1763}{3680}$	$\Phi_{3680}\,\Phi_{736}\,\Phi_{160}\,\Phi_{80}\,\Phi_{40}\,\Phi_{32}\,\Phi_{20}\,\Phi_{16}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{1}$
154262	1917	952	$\frac{1}{28}$	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{952}^{4}\,\Phi_{136}^{3}\,\Phi_{56}^{4}\,\Phi_{28}^{3}\,\Phi_{14}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
154263	1917	1216	$\frac{1}{32}$	$\frac{31}{608}$	$\frac{1}{4}$	$\frac{577}{1216}$	$\Phi_{1216}^{3}\,\Phi_{64}^{3}\,\Phi_{32}^{3}\,\Phi_{16}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
154264	1917	400	$\frac{1}{40}$	$\frac{13}{200}$	$\frac{1}{4}$	$\frac{187}{400}$	$\Phi_{400}^{9}\,\Phi_{80}^{9}\,\Phi_{40}^{3}\,\Phi_{20}^{3}\,\Phi_{16}^{9}\,\Phi_{10}^{3}\,\Phi_{8}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
154265	1917	3584	$\frac{3}{128}$	$\frac{125}{1792}$	$\frac{1}{4}$	$\frac{1667}{3584}$	$\Phi_{3584}\,\Phi_{512}\,\Phi_{128}\,\Phi_{64}\,\Phi_{32}\,\Phi_{16}\,\Phi_{8}\,\Phi_{1}$
154266	1917	924	$\frac{1}{28}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{924}^{2}\,\Phi_{462}^{2}\,\Phi_{308}^{2}\,\Phi_{231}^{2}\,\Phi_{154}^{2}\,\Phi_{132}\,\Phi_{84}^{4}\,\Phi_{77}^{2}\,\Phi_{66}^{2}\,\Phi_{44}\,\Phi_{42}^{4}\,\Phi_{33}^{2}\,\Phi_{28}^{3}\,\Phi_{22}^{2}\,\Phi_{21}^{4}\,\Phi_{14}^{3}\,\Phi_{12}^{3}\,\Phi_{11}^{2}\,\Phi_{7}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
154267	1917	3520	$\frac{3}{160}$	$\frac{157}{1760}$	$\frac{1}{4}$	$\frac{1603}{3520}$	$\Phi_{3520}\,\Phi_{704}\,\Phi_{320}\,\Phi_{160}\,\Phi_{80}\,\Phi_{64}\,\Phi_{40}\,\Phi_{32}\,\Phi_{20}\,\Phi_{16}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{1}$
154268	1917	128	$\frac{1}{64}$	$\frac{7}{64}$	$\frac{1}{4}$	$\frac{57}{128}$	$\Phi_{128}^{27}\,\Phi_{64}^{3}\,\Phi_{32}^{3}\,\Phi_{16}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
154269	1917	896	$\frac{1}{28}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{896}^{4}\,\Phi_{128}^{3}\,\Phi_{56}^{4}\,\Phi_{28}^{3}\,\Phi_{14}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
154270	1917	848	$\frac{1}{106}$	$\frac{1}{8}$	$\frac{35}{106}$	$\frac{7}{16}$	$\Phi_{848}^{4}\,\Phi_{106}^{2}\,\Phi_{53}^{2}\,\Phi_{16}^{5}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
154271	1917	144	$\frac{1}{72}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{144}^{24}\,\Phi_{72}^{3}\,\Phi_{48}^{24}\,\Phi_{36}^{3}\,\Phi_{24}^{3}\,\Phi_{18}^{3}\,\Phi_{16}^{21}\,\Phi_{12}^{3}\,\Phi_{9}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
154272	1917	4240	$\frac{1}{53}$	$\frac{1}{8}$	$\frac{52}{265}$	$\frac{7}{16}$	$\Phi_{4240}\,\Phi_{265}\,\Phi_{80}\,\Phi_{16}\,\Phi_{5}\,\Phi_{1}$
154273	1917	560	$\frac{1}{28}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{560}^{4}\,\Phi_{280}^{4}\,\Phi_{140}^{4}\,\Phi_{80}^{3}\,\Phi_{70}^{4}\,\Phi_{56}^{4}\,\Phi_{40}^{3}\,\Phi_{35}^{4}\,\Phi_{28}^{3}\,\Phi_{20}^{3}\,\Phi_{14}^{3}\,\Phi_{10}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
154274	1917	252	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{252}^{8}\,\Phi_{126}^{7}\,\Phi_{84}^{8}\,\Phi_{63}^{8}\,\Phi_{42}^{7}\,\Phi_{36}^{8}\,\Phi_{28}^{7}\,\Phi_{21}^{8}\,\Phi_{18}^{7}\,\Phi_{14}^{6}\,\Phi_{12}^{8}\,\Phi_{9}^{7}\,\Phi_{7}^{7}\,\Phi_{6}^{7}\,\Phi_{4}^{7}\,\Phi_{3}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
154275	1917	1120	$\frac{1}{80}$	$\frac{79}{560}$	$\frac{1}{4}$	$\frac{481}{1120}$	$\Phi_{1120}^{3}\,\Phi_{224}^{3}\,\Phi_{160}^{3}\,\Phi_{80}^{3}\,\Phi_{40}^{3}\,\Phi_{32}^{3}\,\Phi_{20}^{3}\,\Phi_{16}^{3}\,\Phi_{10}^{3}\,\Phi_{8}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
154276	1917	840	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{840}^{4}\,\Phi_{280}^{4}\,\Phi_{168}^{4}\,\Phi_{120}^{3}\,\Phi_{84}^{4}\,\Phi_{56}^{4}\,\Phi_{42}^{4}\,\Phi_{40}^{3}\,\Phi_{28}^{3}\,\Phi_{24}^{3}\,\Phi_{21}^{4}\,\Phi_{14}^{3}\,\Phi_{12}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
154277	1917	3200	$\frac{3}{320}$	$\frac{317}{1600}$	$\frac{1}{4}$	$\frac{1283}{3200}$	$\Phi_{3200}\,\Phi_{640}\,\Phi_{320}\,\Phi_{160}\,\Phi_{128}\,\Phi_{80}\,\Phi_{64}\,\Phi_{40}\,\Phi_{32}\,\Phi_{20}\,\Phi_{16}\,\Phi_{10}\,\Phi_{8}\,\Phi_{5}\,\Phi_{1}$
154278	1917	1024	$\frac{1}{128}$	$\frac{127}{512}$	$\frac{1}{4}$	$\frac{385}{1024}$	$\Phi_{1024}^{3}\,\Phi_{128}^{3}\,\Phi_{64}^{3}\,\Phi_{32}^{3}\,\Phi_{16}^{3}\,\Phi_{8}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
154279	1917	288	$\frac{1}{72}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{288}^{8}\,\Phi_{144}^{8}\,\Phi_{96}^{8}\,\Phi_{72}^{3}\,\Phi_{48}^{8}\,\Phi_{36}^{3}\,\Phi_{32}^{7}\,\Phi_{24}^{3}\,\Phi_{18}^{3}\,\Phi_{16}^{7}\,\Phi_{12}^{3}\,\Phi_{9}^{3}\,\Phi_{8}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
154280	1917	504	$\frac{1}{72}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{504}^{4}\,\Phi_{252}^{4}\,\Phi_{168}^{4}\,\Phi_{126}^{4}\,\Phi_{84}^{4}\,\Phi_{72}^{3}\,\Phi_{63}^{4}\,\Phi_{56}^{4}\,\Phi_{42}^{4}\,\Phi_{36}^{3}\,\Phi_{28}^{4}\,\Phi_{24}^{3}\,\Phi_{21}^{4}\,\Phi_{18}^{3}\,\Phi_{14}\,\Phi_{12}^{3}\,\Phi_{9}^{3}\,\Phi_{8}^{3}\,\Phi_{7}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{3}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
154281	1917	756	$\frac{1}{28}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{756}^{2}\,\Phi_{378}^{2}\,\Phi_{252}^{4}\,\Phi_{189}^{2}\,\Phi_{126}^{4}\,\Phi_{108}\,\Phi_{84}^{4}\,\Phi_{63}^{4}\,\Phi_{54}^{2}\,\Phi_{42}^{4}\,\Phi_{36}^{3}\,\Phi_{28}^{3}\,\Phi_{27}^{2}\,\Phi_{21}^{4}\,\Phi_{18}^{3}\,\Phi_{14}^{3}\,\Phi_{12}^{3}\,\Phi_{9}^{3}\,\Phi_{7}^{3}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
154282	1917	320	$\frac{1}{160}$	$\frac{1}{4}$	$\frac{53}{160}$	$\frac{107}{320}$	$\Phi_{320}^{9}\ \Phi_{160}^{3}\ \Phi_{80}^{3}\ \Phi_{64}^{9}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
154283	1917	212	$\frac{1}{106}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{35}{106}$	$\Phi_{212}^{8}\ \Phi_{106}^{10}\ \Phi_{53}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
154284	1917	479	$\frac{5}{479}$	$\frac{107}{479}$	$\frac{124}{479}$	$\frac{158}{479}$	$\Phi_{479}^{4}\ \Phi_{1}^{5}$
154285	1917	640	$\frac{7}{640}$	$\frac{143}{640}$	$\frac{1}{4}$	$\frac{211}{640}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{128}^{3}\ \Phi_{80}^{3}\ \Phi_{64}^{3}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
154286	1917	256	$\frac{1}{64}$	$\frac{43}{256}$	$\frac{1}{4}$	$\frac{21}{64}$	$\Phi_{256}^{9}\ \Phi_{128}^{9}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
154287	1917	80	$\frac{1}{40}$	$\frac{9}{80}$	$\frac{1}{4}$	$\frac{13}{40}$	$\Phi_{80}^{27}\ \Phi_{40}^{21}\ \Phi_{20}^{21}\ \Phi_{16}^{27}\ \Phi_{10}^{21}\ \Phi_{8}^{21}\ \Phi_{5}^{21}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
154288	1917	1365	$\frac{1}{35}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{34}{105}$	$\Phi_{1365}^{2}\ \Phi_{273}^{2}\ \Phi_{195}^{2}\ \Phi_{105}^{3}\ \Phi_{39}^{2}\ \Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{13}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
154289	1917	420	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{34}{105}$	$\Phi_{420}^{9}\ \Phi_{210}^{4}\ \Phi_{105}^{5}\ \Phi_{84}^{9}\ \Phi_{60}^{9}\ \Phi_{42}^{4}\ \Phi_{30}^{4}\ \Phi_{21}^{5}\ \Phi_{20}^{2}\ \Phi_{15}^{5}\ \Phi_{12}^{9}\ \Phi_{10}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^{5}\ \Phi_{1}$
154290	1917	224	$\frac{11}{224}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{224}^{9}\ \Phi_{112}^{9}\ \Phi_{56}^{9}\ \Phi_{32}^{9}\ \Phi_{28}^{3}\ \Phi_{16}^{9}\ \Phi_{14}^{3}\ \Phi_{8}^{9}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{3}\ \Phi_{1}^{3}$
154291	1917	975	$\frac{4}{75}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{975}^{2}\ \Phi_{325}^{2}\ \Phi_{195}^{2}\ \Phi_{75}^{3}\ \Phi_{39}^{2}\ \Phi_{25}^{3}\ \Phi_{15}^{3}\ \Phi_{13}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
154292	1917	1092	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{13}{84}$	$\frac{4}{13}$	$\Phi_{1092}^{2}\ \Phi_{546}^{2}\ \Phi_{364}^{2}\ \Phi_{273}^{2}\ \Phi_{156}^{2}\ \Phi_{84}^{3}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{42}^{3}\ \Phi_{39}^{2}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{13}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
154293	1917	1001	$\frac{1}{13}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{4}{13}$	$\Phi_{1001}^{2}\ \Phi_{143}^{2}\ \Phi_{77}^{3}\ \Phi_{13}^{2}\ \Phi_{11}^{3}\ \Phi_{1}^{3}$
154294	1917	1040	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{4}{13}$	$\Phi_{1040}^{2}\ \Phi_{520}^{2}\ \Phi_{260}^{2}\ \Phi_{208}^{2}\ \Phi_{104}^{2}\ \Phi_{80}^{3}\ \Phi_{52}^{2}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{13}^{2}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
154295	1917	220	$\frac{7}{220}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{220}^{9}\ \Phi_{110}^{9}\ \Phi_{55}^{9}\ \Phi_{44}^{9}\ \Phi_{22}^{9}\ \Phi_{20}^{5}\ \Phi_{11}^{9}\ \Phi_{10}^{7}\ \Phi_{5}^{7}\ \Phi_{4}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
154296	1917	896	$\frac{3}{128}$	$\frac{125}{896}$	$\frac{1}{4}$	$\frac{257}{896}$	$\Phi_{896}^{2}\ \Phi_{448}^{2}\ \Phi_{224}^{2}\ \Phi_{128}^{3}\ \Phi_{112}^{2}\ \Phi_{64}^{3}\ \Phi_{56}^{2}\ \Phi_{32}^{3}\ \Phi_{28}^{2}\ \Phi_{16}^{3}\ \Phi_{14}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
154297	1917	672	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{672}^{4}\ \Phi_{336}^{4}\ \Phi_{168}^{4}\ \Phi_{96}^{3}\ \Phi_{84}^{4}\ \Phi_{56}^{4}\ \Phi_{48}^{3}\ \Phi_{42}^{4}\ \Phi_{28}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{4}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
154298	1917	72	$\frac{1}{72}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{72}^{27}\ \Phi_{36}^{27}\ \Phi_{24}^{27}\ \Phi_{18}^{27}\ \Phi_{12}^{27}\ \Phi_{9}^{27}\ \Phi_{8}^{27}\ \Phi_{6}^{27}\ \Phi_{4}^{20}\ \Phi_{3}^{27}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
154299	1917	848	$\frac{3}{212}$	$\frac{209}{848}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{848}^{3}\ \Phi_{424}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
154300	1917	1060	$\frac{1}{53}$	$\frac{52}{265}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{1060}^{2}\ \Phi_{530}^{2}\ \Phi_{265}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
154301	1917	280	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{67}{280}$	$\frac{1}{4}$	$\Phi_{280}^{9}\ \Phi_{140}^{3}\ \Phi_{70}^{6}\ \Phi_{56}^{9}\ \Phi_{40}^{9}\ \Phi_{35}^{6}\ \Phi_{28}^{3}\ \Phi_{20}^{5}\ \Phi_{14}^{6}\ \Phi_{10}^{7}\ \Phi_{8}^{9}\ \Phi_{7}^{6}\ \Phi_{5}^{7}\ \Phi_{4}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
154302	1917	832	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{193}{832}$	$\frac{1}{4}$	$\Phi_{832}^{3}\ \Phi_{416}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
154303	1917	800	$\frac{1}{40}$	$\frac{39}{200}$	$\frac{161}{800}$	$\frac{1}{4}$	$\Phi_{800}^{3}\ \Phi_{400}^{3}\ \Phi_{160}^{3}\ \Phi_{80}^{3}\ \Phi_{40}^{3}\ \Phi_{32}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
154304	1917	300	$\frac{4}{75}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{300}^{9}\ \Phi_{150}^{4}\ \Phi_{100}^{9}\ \Phi_{75}^{5}\ \Phi_{60}^{9}\ \Phi_{50}^{4}\ \Phi_{30}^{4}\ \Phi_{25}^{5}\ \Phi_{20}^{2}\ \Phi_{15}^{5}\ \Phi_{12}^{9}\ \Phi_{10}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^{5}\ \Phi_{1}$
154305	1917	2176	$\frac{13}{272}$	$\frac{259}{2176}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{544}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
154306	1917	224	$\frac{11}{224}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{224}^{9}\ \Phi_{112}^{8}\ \Phi_{56}^{8}\ \Phi_{32}^{9}\ \Phi_{28}^{8}\ \Phi_{16}^{9}\ \Phi_{14}^{8}\ \Phi_{8}^{9}\ \Phi_{7}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
154307	1917	2000	$\frac{83}{2000}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
154308	1917	760	$\frac{17}{380}$	$\frac{3}{20}$	$\frac{121}{760}$	$\frac{1}{4}$	$\Phi_{760}^{3}\ \Phi_{380}^{2}\ \Phi_{190}^{2}\ \Phi_{152}^{3}\ \Phi_{95}^{2}\ \Phi_{76}^{2}\ \Phi_{40}^{3}\ \Phi_{38}^{2}\ \Phi_{20}^{3}\ \Phi_{19}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
154309	1917	420	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{84}$	$\frac{1}{4}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{140}^{2}\ \Phi_{105}^{6}\ \Phi_{84}^{3}\ \Phi_{70}^{4}\ \Phi_{60}^{6}\ \Phi_{42}^{3}\ \Phi_{35}^{4}\ \Phi_{30}^{6}\ \Phi_{28}\ \Phi_{21}^{3}\ \Phi_{20}^{4}\ \Phi_{15}^{6}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{5}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
154310	1917	1540	$\frac{6}{77}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{1540}^{2}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}\ \Phi_{220}^{2}\ \Phi_{110}\ \Phi_{77}\ \Phi_{55}\ \Phi_{44}\ \Phi_{20}^{2}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
154311	1917	700	$\frac{61}{700}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{4}$	$\Phi_{700}^{3}\ \Phi_{350}^{3}\ \Phi_{175}^{3}\ \Phi_{140}\ \Phi_{100}^{3}\ \Phi_{70}^{2}\ \Phi_{50}^{3}\ \Phi_{35}^{2}\ \Phi_{28}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{14}^{2}\ \Phi_{10}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
154312	1917	80	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{4}$	$\Phi_{80}^{27}\ \Phi_{40}^{27}\ \Phi_{20}^{11}\ \Phi_{16}^{27}\ \Phi_{10}^{19}\ \Phi_{8}^{27}\ \Phi_{5}^{19}\ \Phi_{4}^{10}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
154313	1918	1914	$\frac{2}{957}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{955}{1914}$	$\Phi_{1914}^{2}\ \Phi_{638}^{2}\ \Phi_{174}^{2}\ \Phi_{66}^{2}\ \Phi_{58}^{2}\ \Phi_{22}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
154314	1918	3840	$\frac{1}{320}$	$\frac{321}{1280}$	$\frac{1}{3}$	$\frac{319}{640}$	$\Phi_{3840}\ \Phi_{960}\ \Phi_{768}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
154315	1918	5736	$\frac{3}{956}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{953}{1912}$	$\Phi_{5736}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
154316	1918	1092	$\frac{1}{273}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{136}{273}$	$\Phi_{1092}^3\ \Phi_{364}^3\ \Phi_{273}\ \Phi_{156}^3\ \Phi_{91}\ \Phi_{84}^3\ \Phi_{52}^3\ \Phi_{39}\ \Phi_{28}^3\ \Phi_{21}\ \Phi_{13}\ \Phi_{12}^4\ \Phi_{7}\ \Phi_{4}^4\ \Phi_{3}\ \Phi_{1}^2$
154317	1918	819	$\frac{1}{273}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{136}{273}$	$\Phi_{819}^3\ \Phi_{273}\ \Phi_{117}^3\ \Phi_{91}\ \Phi_{63}^3\ \Phi_{39}\ \Phi_{21}\ \Phi_{13}\ \Phi_{9}^4\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^2$
154318	1918	5730	$\frac{4}{955}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{951}{1910}$	$\Phi_{5730}\ \Phi_{1146}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
154319	1918	1704	$\frac{1}{213}$	$\frac{107}{852}$	$\frac{745}{1704}$	$\frac{106}{213}$	$\Phi_{1704}^2\ \Phi_{568}^2\ \Phi_{213}\ \Phi_{71}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
154320	1918	1278	$\frac{1}{213}$	$\frac{319}{1278}$	$\frac{107}{426}$	$\frac{106}{213}$	$\Phi_{1278}^2\ \Phi_{639}^2\ \Phi_{213}\ \Phi_{71}\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$
154321	1918	1152	$\frac{1}{192}$	$\frac{193}{1152}$	$\frac{1}{3}$	$\frac{191}{384}$	$\Phi_{1152}^2\ \Phi_{576}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{144}^2\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
154322	1918	1908	$\frac{5}{954}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{949}{1908}$	$\Phi_{1908}^2\ \Phi_{636}^2\ \Phi_{212}^2\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
154323	1918	1908	$\frac{5}{954}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{949}{1908}$	$\Phi_{1908}^2\ \Phi_{636}^2\ \Phi_{212}^2\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
154324	1918	1905	$\frac{13}{1905}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{946}{1905}$	$\Phi_{1905}\ \Phi_{635}\ \Phi_{381}\ \Phi_{127}\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
154325	1918	3536	$\frac{1}{136}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{135}{272}$	$\Phi_{3536}\ \Phi_{272}^2\ \Phi_{208}\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{1}^2$
154326	1918	816	$\frac{1}{136}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{135}{272}$	$\Phi_{816}^7\ \Phi_{48}^7\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
154327	1918	5700	$\frac{9}{950}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{941}{1900}$	$\Phi_{5700}\ \Phi_{1140}\ \Phi_{300}\ \Phi_{228}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
154328	1918	1896	$\frac{11}{948}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{937}{1896}$	$\Phi_{1896}^2\ \Phi_{632}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
154329	1918	1846	$\frac{1}{71}$	$\frac{36}{923}$	$\frac{887}{1846}$	$\frac{35}{71}$	$\Phi_{1846}^2\ \Phi_{142}^2\ \Phi_{71}\ \Phi_{26}^2\ \Phi_{2}^2\ \Phi_{1}^2$
154330	1918	270	$\frac{2}{135}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{133}{270}$	$\Phi_{270}^{14}\ \Phi_{90}^{14}\ \Phi_{54}^{14}\ \Phi_{30}^{14}\ \Phi_{27}\ \Phi_{18}^{14}\ \Phi_{10}^{14}\ \Phi_{9}\ \Phi_{6}^{14}\ \Phi_{3}\ \Phi_{2}^{14}\ \Phi_{1}^2$
154331	1918	270	$\frac{2}{135}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{133}{270}$	$\Phi_{270}^{14}\ \Phi_{90}^{14}\ \Phi_{54}^{14}\ \Phi_{30}^{14}\ \Phi_{18}^{14}\ \Phi_{15}^2\ \Phi_{10}^{14}\ \Phi_{6}^{14}\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^{14}\ \Phi_{1}^2$
154332	1918	1080	$\frac{2}{135}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{133}{270}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^3\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
154333	1918	3072	$\frac{1}{64}$	$\frac{65}{1024}$	$\frac{1}{3}$	$\frac{63}{128}$	$\Phi_{3072}\ \Phi_{1536}\ \Phi_{768}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
154334	1918	5664	$\frac{15}{944}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{929}{1888}$	$\Phi_{5664}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
154335	1918	1320	$\frac{1}{55}$	$\frac{1}{8}$	$\frac{28}{165}$	$\frac{27}{55}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{440}\ \Phi_{330}^2\ \Phi_{264}^2\ \Phi_{220}\ \Phi_{132}^2\ \Phi_{120}^2\ \Phi_{110}\ \Phi_{88}\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{44}\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{22}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{6}^2$
154336	1918	5640	$\frac{19}{940}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{921}{1880}$	$\Phi_{5640}\ \Phi_{1128}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
154337	1918	2760	$\frac{1}{46}$	$\frac{1}{15}$	$\frac{47}{184}$	$\frac{45}{92}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{230}\ \Phi_{138}\ \Phi_{120}\ \Phi_{115}\ \Phi_{69}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{10}\ \Phi_{6}$
154338	1918	1872	$\frac{23}{936}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{913}{1872}$	$\Phi_{1872}^2\ \Phi_{624}^2\ \Phi_{208}^2\ \Phi_{144}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
154339	1918	1863	$\frac{55}{1863}$	$\frac{1}{27}$	$\frac{26}{81}$	$\frac{904}{1863}$	$\Phi_{1863}\ \Phi_{621}\ \Phi_{207}\ \Phi_{81}^2\ \Phi_{69}\ \Phi_{27}\ \Phi_{23}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^2$
154340	1918	1860	$\frac{29}{930}$	$\frac{1}{30}$	$\frac{1}{3}$	$\frac{901}{1860}$	$\Phi_{1860}^2\ \Phi_{620}^2\ \Phi_{372}^2\ \Phi_{124}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
154341	1918	5568	$\frac{1}{32}$	$\frac{31}{928}$	$\frac{1}{3}$	$\frac{897}{1856}$	$\Phi_{5568}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
154342	1918	162	$\frac{1}{27}$	$\frac{2}{27}$	$\frac{25}{162}$	$\frac{13}{27}$	$\Phi_{162}^{14}\ \Phi_{81}^{14}\ \Phi_{54}^{14}\ \Phi_{27}\ \Phi_{18}^{14}\ \Phi_{9}\ \Phi_{6}^{14}\ \Phi_{3}\ \Phi_{2}^{14}\ \Phi_{1}^2$
154343	1918	1080	$\frac{1}{27}$	$\frac{14}{135}$	$\frac{121}{1080}$	$\frac{13}{27}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{9}\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
154344	1918	1320	$\frac{5}{132}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{127}{264}$	$\Phi_{1320}^3\ \Phi_{440}^3\ \Phi_{264}^2\ \Phi_{120}^3\ \Phi_{88}^2\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
154345	1918	264	$\frac{5}{132}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{127}{264}$	$\Phi_{264}^6\ \Phi_{132}^8\ \Phi_{88}^7\ \Phi_{66}^8\ \Phi_{44}^9\ \Phi_{33}^8\ \Phi_{24}^6\ \Phi_{22}^9\ \Phi_{12}^8\ \Phi_{11}^8\ \Phi_{8}^6\ \Phi_{6}^8\ \Phi_{4}^8\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^8$
154346	1918	600	$\frac{1}{25}$	$\frac{13}{150}$	$\frac{1}{8}$	$\frac{12}{25}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{200}^3\ \Phi_{150}^2\ \Phi_{120}^4\ \Phi_{100}^3\ \Phi_{75}^2\ \Phi_{60}^4\ \Phi_{50}\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_{10}\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
154347	1918	1296	$\frac{1}{27}$	$\frac{13}{324}$	$\frac{337}{1296}$	$\frac{311}{648}$	$\Phi_{1296}^2\ \Phi_{432}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
154348	1918	5520	$\frac{1}{40}$	$\frac{39}{920}$	$\frac{1}{3}$	$\frac{881}{1840}$	$\Phi_{5520}\ \Phi_{1104}\ \Phi_{240}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
154349	1918	1836	$\frac{1}{27}$	$\frac{41}{918}$	$\frac{13}{54}$	$\frac{877}{1836}$	$\Phi_{1836}^2\ \Phi_{612}^2\ \Phi_{204}^2\ \Phi_{108}^2\ \Phi_{68}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
154350	1918	1824	$\frac{1}{48}$	$\frac{47}{912}$	$\frac{1}{3}$	$\frac{865}{1824}$	$\Phi_{1824}^2\ \Phi_{608}^2\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
154351	1918	1800	$\frac{1}{60}$	$\frac{59}{900}$	$\frac{1}{3}$	$\frac{841}{1800}$	$\Phi_{1800}^2\ \Phi_{600}^2\ \Phi_{360}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
154352	1918	768	$\frac{1}{64}$	$\frac{9}{128}$	$\frac{1}{3}$	$\frac{119}{256}$	$\Phi_{768}^7\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
154353	1918	1782	$\frac{1}{27}$	$\frac{68}{891}$	$\frac{13}{81}$	$\frac{823}{1782}$	$\Phi_{1782}^2\ \Phi_{594}^2\ \Phi_{198}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{27}\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
154354	1918	2652	$\frac{1}{68}$	$\frac{1}{13}$	$\frac{67}{204}$	$\frac{6}{13}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{663}\ \Phi_{204}^2\ \Phi_{156}\ \Phi_{102}^2\ \Phi_{78}\ \Phi_{51}^2\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
154355	1918	1820	$\frac{3}{140}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}\ \Phi_{182}\ \Phi_{140}^2\ \Phi_{130}\ \Phi_{91}\ \Phi_{70}^2\ \Phi_{65}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^2$
154356	1918	2210	$\frac{1}{34}$	$\frac{1}{13}$	$\frac{33}{170}$	$\frac{6}{13}$	$\Phi_{2210}\ \Phi_{1105}\ \Phi_{170}^2\ \Phi_{130}\ \Phi_{85}^2\ \Phi_{65}\ \Phi_{13}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
154357	1918	1872	$\frac{7}{144}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{6}{13}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}^2\ \Phi_{117}\ \Phi_{78}\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
154358	1918	1989	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{16}{153}$	$\frac{6}{13}$	$\Phi_{1989}\ \Phi_{663}\ \Phi_{153}^2\ \Phi_{117}\ \Phi_{51}^2\ \Phi_{39}\ \Phi_{13}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
154359	1918	5280	$\frac{1}{80}$	$\frac{79}{880}$	$\frac{1}{3}$	$\frac{801}{1760}$	$\Phi_{5280}\ \Phi_{1056}\ \Phi_{480}\ \Phi_{240}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
154360	1918	1144	$\frac{6}{143}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{1144}^2\ \Phi_{572}^2\ \Phi_{286}^2\ \Phi_{104}^2\ \Phi_{88}\ \Phi_{52}^2\ \Phi_{44}\ \Phi_{26}^2\ \Phi_{22}$
154361	1918	1000	$\frac{1}{25}$	$\frac{12}{125}$	$\frac{1}{8}$	$\frac{113}{250}$	$\Phi_{1000}^2\ \Phi_{500}^2\ \Phi_{200}^3\ \Phi_{125}^2\ \Phi_{100}^3\ \Phi_{50}\ \Phi_{40}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{10}\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
154362	1918	1728	$\frac{1}{96}$	$\frac{95}{864}$	$\frac{1}{3}$	$\frac{769}{1728}$	$\Phi_{1728}^2\ \Phi_{576}^2\ \Phi_{192}^2\ \Phi_{96}^2\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
154363	1918	1728	$\frac{1}{27}$	$\frac{95}{864}$	$\frac{13}{108}$	$\frac{769}{1728}$	$\Phi_{1728}^2\ \Phi_{576}^2\ \Phi_{192}^2\ \Phi_{108}^2\ \Phi_{64}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
154364	1918	1431	$\frac{5}{477}$	$\frac{1}{9}$	$\frac{472}{1431}$	$\frac{4}{9}$	$\Phi_{1431}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
154365	1918	972	$\frac{13}{972}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
154366	1918	1080	$\frac{1}{27}$	$\frac{121}{1080}$	$\frac{13}{108}$	$\frac{95}{216}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
154367	1918	1704	$\frac{1}{71}$	$\frac{107}{852}$	$\frac{35}{142}$	$\frac{745}{1704}$	$\Phi_{1704}^2\ \Phi_{568}^2\ \Phi_{142}^2\ \Phi_{71}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_2^2\ \Phi_1^2$
154368	1918	142	$\frac{5}{142}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{31}{71}$	$\Phi_{142}^{14}\ \Phi_{71}^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
154369	1918	243	$\frac{1}{27}$	$\frac{26}{243}$	$\frac{31}{243}$	$\frac{106}{243}$	$\Phi_{243}^8\ \Phi_{81}^8\ \Phi_{27}^7\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
154370	1918	240	$\frac{1}{120}$	$\frac{17}{120}$	$\frac{1}{3}$	$\frac{103}{240}$	$\Phi_{240}^{14}\ \Phi_{120}^2\ \Phi_{80}^{14}\ \Phi_{60}^2\ \Phi_{48}^{14}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{16}^{14}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
154371	1918	276	$\frac{1}{138}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{276}^{12}\ \Phi_{138}^2\ \Phi_{92}^{12}\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{12}^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
154372	1918	1092	$\frac{1}{91}$	$\frac{1}{6}$	$\frac{45}{182}$	$\frac{5}{12}$	$\Phi_{1092}^3\ \Phi_{364}^3\ \Phi_{182}^2\ \Phi_{156}^3\ \Phi_{91}\ \Phi_{84}^3\ \Phi_{52}^3\ \Phi_{28}^3\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_{12}^4\ \Phi_7\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
154373	1918	420	$\frac{3}{140}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}^6\ \Phi_{105}^4\ \Phi_{84}^3\ \Phi_{70}^6\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{35}^6\ \Phi_{30}^4\ \Phi_{28}^5\ \Phi_{21}^4\ \Phi_{20}^6\ \Phi_{15}^4\ \Phi_{14}^6\ \Phi_{12}^4\ \Phi_{10}^6\ \Phi_7^5\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^6$
154374	1918	156	$\frac{1}{39}$	$\frac{19}{156}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{156}^{11}\ \Phi_{78}^{14}\ \Phi_{52}^{11}\ \Phi_{39}^{13}\ \Phi_{26}^{14}\ \Phi_{13}^{13}\ \Phi_{12}^{12}\ \Phi_6^{14}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
154375	1918	1716	$\frac{6}{143}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1716}^2\ \Phi_{572}^2\ \Phi_{156}\ \Phi_{143}^2\ \Phi_{132}^2\ \Phi_{52}\ \Phi_{44}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_4^2\ \Phi_1^2$
154376	1918	588	$\frac{1}{21}$	$\frac{10}{147}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{588}^6\ \Phi_{196}^6\ \Phi_{147}^2\ \Phi_{84}^3\ \Phi_{49}^2\ \Phi_{28}^3\ \Phi_{21}\ \Phi_{12}^4\ \Phi_7\ \Phi_4^4\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
154377	1918	720	$\frac{7}{144}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{3}\ \Phi_{180}^{3}\ \Phi_{144}^{2}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{80}^{3}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{45}^{3}\ \Phi_{40}^{3}\ \Phi_{36}^{2}\ \Phi_{30}^{3}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
154378	1918	142	$\frac{5}{142}$	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{29}{71}$	$\Phi_{142}^{14}\ \Phi_{71}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
154379	1918	1620	$\frac{1}{27}$	$\frac{13}{162}$	$\frac{149}{810}$	$\frac{661}{1620}$	$\Phi_{1620}^{2}\ \Phi_{540}^{2}\ \Phi_{324}^{2}\ \Phi_{180}^{2}\ \Phi_{162}^{2}\ \Phi_{108}^{2}\ \Phi_{81}^{2}\ \Phi_{60}^{2}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{27}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
154380	1918	690	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{22}{115}$	$\frac{93}{230}$	$\Phi_{690}^{5}\ \Phi_{345}\ \Phi_{230}^{4}\ \Phi_{138}^{5}\ \Phi_{115}\ \Phi_{69}\ \Phi_{46}^{4}\ \Phi_{30}^{5}\ \Phi_{10}^{4}\ \Phi_{6}^{5}\ \Phi_{2}^{4}$
154381	1918	4800	$\frac{1}{160}$	$\frac{159}{800}$	$\frac{1}{3}$	$\frac{641}{1600}$	$\Phi_{4800}\ \Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{192}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
154382	1918	690	$\frac{1}{138}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{690}^{3}\ \Phi_{345}^{3}\ \Phi_{230}^{3}\ \Phi_{138}^{2}\ \Phi_{115}^{3}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{30}^{3}\ \Phi_{23}^{2}\ \Phi_{15}^{3}\ \Phi_{10}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
154383	1918	280	$\frac{3}{140}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{280}^{8}\ \Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{56}^{8}\ \Phi_{40}^{7}\ \Phi_{35}^{6}\ \Phi_{28}^{6}\ \Phi_{20}^{5}\ \Phi_{14}^{6}\ \Phi_{10}^{5}\ \Phi_{8}^{6}\ \Phi_{7}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
154384	1918	440	$\frac{1}{55}$	$\frac{1}{8}$	$\frac{27}{110}$	$\frac{83}{220}$	$\Phi_{440}^{5}\ \Phi_{220}^{3}\ \Phi_{110}^{5}\ \Phi_{88}^{5}\ \Phi_{55}^{4}\ \Phi_{44}^{3}\ \Phi_{40}^{5}\ \Phi_{22}^{5}\ \Phi_{20}^{3}\ \Phi_{11}^{4}\ \Phi_{10}^{5}\ \Phi_{8}^{4}\ \Phi_{5}^{4}\ \Phi_{4}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
154385	1918	1136	$\frac{1}{71}$	$\frac{177}{1136}$	$\frac{35}{142}$	$\frac{107}{284}$	$\Phi_{1136}^{2}\ \Phi_{568}^{2}\ \Phi_{142}^{2}\ \Phi_{71}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
154386	1918	1536	$\frac{1}{192}$	$\frac{191}{768}$	$\frac{1}{3}$	$\frac{577}{1536}$	$\Phi_{1536}^{2}\ \Phi_{512}^{2}\ \Phi_{192}^{2}\ \Phi_{96}^{2}\ \Phi_{64}^{2}\ \Phi_{48}^{2}\ \Phi_{32}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
154387	1918	213	$\frac{1}{71}$	$\frac{10}{71}$	$\frac{61}{213}$	$\frac{76}{213}$	$\Phi_{213}^{7}\ \Phi_{71}^{13}\ \Phi_{3}^{7}\ \Phi_{1}^{14}$
154388	1918	1458	$\frac{1}{27}$	$\frac{13}{243}$	$\frac{230}{729}$	$\frac{499}{1458}$	$\Phi_{1458}^{2}\ \Phi_{486}^{2}\ \Phi_{243}^{2}\ \Phi_{162}^{2}\ \Phi_{81}^{2}\ \Phi_{54}^{2}\ \Phi_{27}\ \Phi_{18}^{2}\ \Phi_{9}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
154389	1918	1440	$\frac{1}{240}$	$\frac{239}{720}$	$\frac{1}{3}$	$\frac{481}{1440}$	$\Phi_{1440}^{2}\ \Phi_{480}^{2}\ \Phi_{288}^{2}\ \Phi_{240}^{2}\ \Phi_{160}^{2}\ \Phi_{120}^{2}\ \Phi_{96}^{2}\ \Phi_{80}^{2}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
154390	1918	414	$\frac{1}{138}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{414}^{6}\ \Phi_{207}^{6}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{46}^{2}\ \Phi_{23}^{2}\ \Phi_{18}^{6}\ \Phi_{9}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
154391	1918	1044	$\frac{2}{87}$	$\frac{85}{1044}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1044}^{2}\ \Phi_{522}^{2}\ \Phi_{348}^{2}\ \Phi_{261}^{2}\ \Phi_{174}^{2}\ \Phi_{116}^{2}\ \Phi_{58}^{2}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
154392	1918	990	$\frac{31}{990}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{330}^{2}\ \Phi_{198}^{2}\ \Phi_{165}^{2}\ \Phi_{110}^{2}\ \Phi_{99}^{2}\ \Phi_{90}^{2}\ \Phi_{66}^{2}\ \Phi_{55}^{2}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
154393	1918	819	$\frac{2}{273}$	$\frac{2}{9}$	$\frac{271}{819}$	$\frac{1}{3}$	$\Phi_{819}^{2}\ \Phi_{273}^{3}\ \Phi_{117}^{2}\ \Phi_{91}^{3}\ \Phi_{63}^{2}\ \Phi_{39}^{3}\ \Phi_{21}^{3}\ \Phi_{13}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
154394	1918	1152	$\frac{1}{96}$	$\frac{193}{1152}$	$\frac{95}{288}$	$\frac{1}{3}$	$\Phi_{1152}^{2}\ \Phi_{576}^{2}\ \Phi_{384}^{2}\ \Phi_{192}^{2}\ \Phi_{128}^{2}\ \Phi_{96}^{2}\ \Phi_{64}^{2}\ \Phi_{48}^{2}\ \Phi_{32}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
154395	1918	408	$\frac{1}{68}$	$\frac{1}{8}$	$\frac{67}{204}$	$\frac{1}{3}$	$\Phi_{408}^{4}\ \Phi_{204}^{3}\ \Phi_{136}^{8}\ \Phi_{102}^{3}\ \Phi_{68}^{6}\ \Phi_{51}^{3}\ \Phi_{34}^{6}\ \Phi_{24}^{5}\ \Phi_{17}^{6}\ \Phi_{12}^{4}\ \Phi_{8}^{8}\ \Phi_{6}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
154396	1918	1080	$\frac{1}{60}$	$\frac{121}{1080}$	$\frac{59}{180}$	$\frac{1}{3}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{270}^{2}\ \Phi_{216}^{2}\ \Phi_{135}^{2}\ \Phi_{120}^{2}\ \Phi_{108}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{54}^{2}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{27}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
154397	1918	144	$\frac{1}{24}$	$\frac{7}{144}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{144}^{14}\ \Phi_{72}^{12}\ \Phi_{48}^{14}\ \Phi_{36}^{12}\ \Phi_{24}^{14}\ \Phi_{18}^{12}\ \Phi_{16}^{14}\ \Phi_{12}^{14}\ \Phi_{9}^{12}\ \Phi_{8}^{14}\ \Phi_{6}^{14}\ \Phi_{4}^{14}\ \Phi_{3}^{13}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
154398	1918	990	$\frac{31}{990}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{330}^{2}\ \Phi_{198}^{2}\ \Phi_{165}^{2}\ \Phi_{110}^{2}\ \Phi_{99}^{2}\ \Phi_{90}^{2}\ \Phi_{66}^{2}\ \Phi_{55}^{2}\ \Phi_{33}^{2}\ \Phi_{30}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
154399	1918	192	$\frac{1}{64}$	$\frac{9}{64}$	$\frac{55}{192}$	$\frac{1}{3}$	$\Phi_{192}^{8}\ \Phi_{96}^{8}\ \Phi_{64}^{14}\ \Phi_{48}^{8}\ \Phi_{32}^{14}\ \Phi_{24}^{8}\ \Phi_{16}^{14}\ \Phi_{12}^{8}\ \Phi_{8}^{14}\ \Phi_{6}^{8}\ \Phi_{4}^{14}\ \Phi_{3}^{7}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
154400	1918	972	$\frac{13}{972}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{972}^{2}\ \Phi_{486}^{2}\ \Phi_{324}^{2}\ \Phi_{243}^{2}\ \Phi_{162}^{2}\ \Phi_{108}^{2}\ \Phi_{81}^{2}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
154401	1918	840	$\frac{3}{140}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{840}^{4}\ \Phi_{420}^{3}\ \Phi_{210}^{3}\ \Phi_{168}^{4}\ \Phi_{120}^{4}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{60}^{3}\ \Phi_{42}^{3}\ \Phi_{30}^{3}\ \Phi_{24}\ \Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{12}\ \Phi_{6}$
154402	1918	1638	$\frac{1}{91}$	$\frac{2}{9}$	$\frac{45}{182}$	$\frac{1}{3}$	$\Phi_{1638}^{2}\ \Phi_{819}\ \Phi_{234}^{2}\ \Phi_{182}^{2}\ \Phi_{126}^{2}\ \Phi_{117}\ \Phi_{91}\ \Phi_{63}\ \Phi_{26}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{13}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
154403	1918	1272	$\frac{5}{318}$	$\frac{1}{6}$	$\frac{313}{1272}$	$\frac{1}{3}$	$\Phi_{1272}^{2}\ \Phi_{636}^{2}\ \Phi_{424}^{2}\ \Phi_{212}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
154404	1918	180	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{43}{180}$	$\frac{1}{3}$	$\Phi_{180}^{14}\ \Phi_{90}^{14}\ \Phi_{60}^{14}\ \Phi_{36}^{14}\ \Phi_{30}^{14}\ \Phi_{20}^{14}\ \Phi_{18}^{14}\ \Phi_{15}^{2}\ \Phi_{12}^{14}\ \Phi_{10}^{14}\ \Phi_{6}^{14}\ \Phi_{5}^{2}\ \Phi_{4}^{14}\ \Phi_{3}\ \Phi_{2}^{14}\ \Phi_{1}^{2}$
154405	1918	1248	$\frac{1}{24}$	$\frac{23}{312}$	$\frac{289}{1248}$	$\frac{1}{3}$	$\Phi_{1248}^{2}\ \Phi_{624}^{2}\ \Phi_{416}^{2}\ \Phi_{208}^{2}\ \Phi_{96}^{2}\ \Phi_{48}^{2}\ \Phi_{32}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
154406	1918	1260	$\frac{3}{140}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{315}^{2}\ \Phi_{252}^{2}\ \Phi_{180}^{2}\ \Phi_{140}^{2}\ \Phi_{126}^{2}\ \Phi_{90}^{2}\ \Phi_{70}^{2}\ \Phi_{63}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
154407	1918	468	$\frac{1}{39}$	$\frac{19}{156}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{468}^{6}\ \Phi_{234}^{6}\ \Phi_{156}^{2}\ \Phi_{117}^{3}\ \Phi_{78}^{2}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{36}^{6}\ \Phi_{26}^{2}\ \Phi_{18}^{6}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{9}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
154408	1918	1287	$\frac{6}{143}$	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1287}^{2}\ \Phi_{143}^{2}\ \Phi_{117}\ \Phi_{99}^{2}\ \Phi_{13}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
154409	1918	441	$\frac{1}{21}$	$\frac{10}{147}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{441}^{6}\ \Phi_{147}^{2}\ \Phi_{63}^{3}\ \Phi_{49}^{2}\ \Phi_{21}\ \Phi_{9}^{4}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
154410	1918	720	$\frac{7}{144}$	$\frac{1}{15}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{3}\ \Phi_{180}^{3}\ \Phi_{144}^{2}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{80}^{3}\ \Phi_{72}^{2}\ \Phi_{60}^{3}\ \Phi_{48}^{2}\ \Phi_{40}^{3}\ \Phi_{36}^{2}\ \Phi_{30}^{3}\ \Phi_{24}^{2}\ \Phi_{20}^{3}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
154411	1918	1200	$\frac{1}{60}$	$\frac{59}{300}$	$\frac{241}{1200}$	$\frac{1}{3}$	$\Phi_{1200}^{2}\ \Phi_{600}^{2}\ \Phi_{400}^{2}\ \Phi_{240}^{2}\ \Phi_{200}^{2}\ \Phi_{120}^{2}\ \Phi_{80}^{2}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
154412	1918	2040	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{33}{170}$	$\frac{1}{3}$	$\Phi_{2040}^{2}\ \Phi_{1020}^{2}\ \Phi_{510}\ \Phi_{255}\ \Phi_{120}^{2}\ \Phi_{60}^{2}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
154413	1918	3000	$\frac{41}{1000}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{600}\ \Phi_{375}\ \Phi_{300}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
154414	1918	1140	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{181}{1140}$	$\frac{1}{3}$	$\Phi_{1140}^{2}\ \Phi_{570}\ \Phi_{380}^{2}\ \Phi_{285}\ \Phi_{228}^{2}\ \Phi_{190}^{2}\ \Phi_{114}\ \Phi_{95}^{2}\ \Phi_{76}^{2}\ \Phi_{60}^{2}\ \Phi_{57}\ \Phi_{38}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{19}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
154415	1918	810	$\frac{1}{15}$	$\frac{2}{27}$	$\frac{25}{162}$	$\frac{1}{3}$	$\Phi_{810}^{3}\ \Phi_{405}^{3}\ \Phi_{270}^{3}\ \Phi_{162}^{2}\ \Phi_{90}^{3}\ \Phi_{81}^{2}\ \Phi_{54}^{2}\ \Phi_{30}^{3}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
154416	1918	480	$\frac{3}{80}$	$\frac{11}{80}$	$\frac{23}{160}$	$\frac{1}{3}$	$\Phi_{480}^{7}\ \Phi_{240}^{5}\ \Phi_{120}^{5}\ \Phi_{96}^{7}\ \Phi_{60}^{5}\ \Phi_{48}^{5}\ \Phi_{30}^{5}\ \Phi_{24}^{5}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
154417	1918	150	$\frac{1}{15}$	$\frac{13}{150}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{150}^{14}\ \Phi_{75}^{14}\ \Phi_{50}^{14}\ \Phi_{30}^{14}\ \Phi_{25}^{14}\ \Phi_{15}^{2}\ \Phi_{10}^{14}\ \Phi_{6}^{14}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{14}\ \Phi_{1}^{2}$
154418	1918	144	$\frac{7}{144}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{144}^{14}\ \Phi_{72}^{14}\ \Phi_{48}^{14}\ \Phi_{36}^{14}\ \Phi_{24}^{8}\ \Phi_{18}^{14}\ \Phi_{16}^{14}\ \Phi_{12}^{8}\ \Phi_{9}^{14}\ \Phi_{8}^{14}\ \Phi_{6}^{8}\ \Phi_{4}^{14}\ \Phi_{3}^{7}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
154419	1918	3264	$\frac{7}{136}$	$\frac{129}{1088}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{3264}\ \Phi_{1632}\ \Phi_{816}\ \Phi_{192}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
154420	1918	1224	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1224}^{2}\ \Phi_{612}^{2}\ \Phi_{408}\ \Phi_{306}^{2}\ \Phi_{204}\ \Phi_{136}^{2}\ \Phi_{102}\ \Phi_{72}^{2}\ \Phi_{68}^{2}\ \Phi_{36}^{2}\ \Phi_{34}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
154421	1918	1080	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{121}{1080}$	$\frac{1}{3}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{270}^{2}\ \Phi_{216}^{2}\ \Phi_{180}^{2}\ \Phi_{120}^{2}\ \Phi_{108}^{2}\ \Phi_{90}^{2}\ \Phi_{72}^{2}\ \Phi_{60}^{2}\ \Phi_{54}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
154422	1918	3240	$\frac{4}{135}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{131}{405}$	$\Phi_{3240}\ \Phi_{1620}\ \Phi_{810}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
154423	1918	990	$\frac{1}{15}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{198}$	$\Phi_{990}^{3}\ \Phi_{495}^{3}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{90}^{3}\ \Phi_{45}^{3}\ \Phi_{30}^{3}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
154424	1918	792	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{61}{198}$	$\Phi_{792}^{4}\ \Phi_{396}^{4}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{88}\ \Phi_{72}^{4}\ \Phi_{44}\ \Phi_{36}^{4}\ \Phi_{22}\ \Phi_{18}^{2}\ \Phi_{9}^{2}$
154425	1918	2376	$\frac{23}{297}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{10}{33}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{594}\ \Phi_{396}\ \Phi_{216}\ \Phi_{198}\ \Phi_{108}\ \Phi_{88}\ \Phi_{72}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}\ \Phi_{22}\ \Phi_{18}$
154426	1918	3000	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{24}{125}$	$\frac{101}{375}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{600}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{60}\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
154427	1918	2280	$\frac{11}{285}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{456}\ \Phi_{380}\ \Phi_{228}\ \Phi_{190}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{40}\ \Phi_{38}\ \Phi_{20}\ \Phi_{10}$
154428	1918	1296	$\frac{1}{27}$	$\frac{13}{108}$	$\frac{95}{432}$	$\frac{337}{1296}$	$\Phi_{1296}^{2}\ \Phi_{648}^{2}\ \Phi_{324}^{2}\ \Phi_{162}^{2}\ \Phi_{108}^{2}\ \Phi_{81}^{2}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{27}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
154429	1918	1278	$\frac{1}{71}$	$\frac{35}{142}$	$\frac{319}{1278}$	$\frac{107}{426}$	$\Phi_{1278}^{2}\ \Phi_{639}^{2}\ \Phi_{142}^{2}\ \Phi_{71}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
154430	1918	360	$\frac{2}{45}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{43}{180}$	$\Phi_{360}^{6}\ \Phi_{180}^{4}\ \Phi_{120}^{6}\ \Phi_{90}^{4}\ \Phi_{72}^{6}\ \Phi_{60}^{4}\ \Phi_{45}^{6}\ \Phi_{40}^{7}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{6}\ \Phi_{20}^{5}\ \Phi_{18}^{4}\ \Phi_{15}^{6}\ \Phi_{12}^{4}\ \Phi_{10}^{5}\ \Phi_{9}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
154431	1918	616	$\frac{1}{11}$	$\frac{17}{154}$	$\frac{1}{8}$	$\frac{5}{22}$	$\Phi_{616}^{4}\ \Phi_{308}^{4}\ \Phi_{154}^{2}\ \Phi_{88}\ \Phi_{77}^{2}\ \Phi_{56}^{4}\ \Phi_{44}\ \Phi_{28}^{4}\ \Phi_{22}\ \Phi_{14}^{2}\ \Phi_{7}^{2}$
154432	1918	176	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{8}$	$\frac{39}{176}$	$\Phi_{176}^{14}\ \Phi_{88}^{7}\ \Phi_{44}^{9}\ \Phi_{22}^{9}\ \Phi_{16}^{14}\ \Phi_{11}^{8}\ \Phi_{8}^{6}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
154433	1918	600	$\frac{13}{150}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{200}^4\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}^4\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{40}^3\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
154434	1918	2520	$\frac{4}{45}$	$\frac{1}{8}$	$\frac{41}{315}$	$\frac{1}{5}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{420}\ \Phi_{280}\ \Phi_{252}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{126}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
154435	1918	162	$\frac{2}{27}$	$\frac{11}{81}$	$\frac{25}{162}$	$\frac{5}{27}$	$\Phi_{162}^{14}\ \Phi_{81}^9\ \Phi_{54}^{14}\ \Phi_{27}^{11}\ \Phi_{18}^{14}\ \Phi_9^{11}\ \Phi_6^{14}\ \Phi_3^{11}\ \Phi_2^{14}\ \Phi_1^{12}$
154436	1918	1320	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{33}$	$\frac{28}{165}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{440}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{120}^2\ \Phi_{110}^2\ \Phi_{88}\ \Phi_{60}^2\ \Phi_{44}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{10}^2$
154437	1919	3288	$\frac{1}{274}$	$\frac{275}{1644}$	$\frac{1369}{3288}$	$\frac{273}{548}$	$\Phi_{3288}\ \Phi_{1096}\ \Phi_{548}\ \Phi_{24}\ \Phi_8\ \Phi_4\ \Phi_1$
154438	1919	3808	$\frac{15}{1904}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{1889}{3808}$	$\Phi_{3808}\ \Phi_{544}\ \Phi_{224}\ \Phi_{32}\ \Phi_{28}\ \Phi_4\ \Phi_1$
154439	1919	1800	$\frac{1}{100}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{99}{200}$	$\Phi_{1800}^2\ \Phi_{600}^2\ \Phi_{360}^2\ \Phi_{200}^3\ \Phi_{120}^2\ \Phi_{72}^2\ \Phi_{40}^3\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
154440	1919	4200	$\frac{1}{100}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{99}{200}$	$\Phi_{4200}\ \Phi_{1400}\ \Phi_{840}\ \Phi_{280}\ \Phi_{200}\ \Phi_{168}\ \Phi_{56}\ \Phi_{40}\ \Phi_{21}\ \Phi_8\ \Phi_7\ \Phi_1$
154441	1919	5400	$\frac{1}{100}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{99}{200}$	$\Phi_{5400}\ \Phi_{1080}\ \Phi_{216}\ \Phi_{200}\ \Phi_{40}\ \Phi_{27}\ \Phi_8\ \Phi_1$
154442	1919	600	$\frac{1}{100}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{99}{200}$	$\Phi_{600}^2\ \Phi_{300}^4\ \Phi_{200}^3\ \Phi_{150}^4\ \Phi_{120}^2\ \Phi_{100}^4\ \Phi_{75}^4\ \Phi_{60}^4\ \Phi_{50}^4\ \Phi_{40}^3\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
154443	1919	3780	$\frac{29}{1890}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1861}{3780}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{108}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
154444	1919	3780	$\frac{29}{1890}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1861}{3780}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{108}\ \Phi_{84}\ \Phi_{60}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
154445	1919	2310	$\frac{6}{385}$	$\frac{1}{7}$	$\frac{391}{2310}$	$\frac{379}{770}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{385}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}\ \Phi_{66}\ \Phi_{55}\ \Phi_{42}\ \Phi_{35}\ \Phi_{33}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{11}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
154446	1919	2576	$\frac{13}{644}$	$\frac{1}{14}$	$\frac{657}{2576}$	$\frac{631}{1288}$	$\Phi_{2576}\ \Phi_{644}\ \Phi_{368}\ \Phi_{322}\ \Phi_{161}\ \Phi_{112}\ \Phi_{92}\ \Phi_{46}\ \Phi_{28}\ \Phi_{23}\ \Phi_{16}\ \Phi_4\ \Phi_1$
154447	1919	1980	$\frac{2}{99}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{97}{198}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
154448	1919	680	$\frac{1}{34}$	$\frac{1}{20}$	$\frac{35}{136}$	$\frac{33}{68}$	$\Phi_{680}^4\ \Phi_{340}^2\ \Phi_{170}^2\ \Phi_{136}^3\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{40}^4\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
154449	1919	588	$\frac{3}{98}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{95}{196}$	$\Phi_{588}^7\ \Phi_{196}^5\ \Phi_{84}^7\ \Phi_{28}^5\ \Phi_{21}^3\ \Phi_{12}^7\ \Phi_7^2\ \Phi_4^5\ \Phi_3^3\ \Phi_1^3$
154450	1919	2100	$\frac{6}{175}$	$\frac{181}{2100}$	$\frac{1}{7}$	$\frac{169}{350}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{25}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
154451	1919	3696	$\frac{71}{1848}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1777}{3696}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
154452	1919	3696	$\frac{71}{1848}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1777}{3696}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{112}\ \Phi_{77}\ \Phi_{48}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
154453	1919	960	$\frac{1}{20}$	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{91}{192}$	$\Phi_{960}^4\ \Phi_{320}^4\ \Phi_{192}^3\ \Phi_{64}^3\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
154454	1919	900	$\frac{1}{50}$	$\frac{1}{18}$	$\frac{49}{150}$	$\frac{17}{36}$	$\Phi_{900}^4\ \Phi_{300}^4\ \Phi_{180}^4\ \Phi_{150}\ \Phi_{100}^4\ \Phi_{75}\ \Phi_{60}^4\ \Phi_{36}^5\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
154455	1919	936	$\frac{3}{104}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^2\ \Phi_{104}^3\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{52}^3\ \Phi_{39}^2\ \Phi_{36}\ \Phi_{26}^3\ \Phi_{24}^2\ \Phi_{13}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
154456	1919	1260	$\frac{4}{105}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{1260}^3\ \Phi_{420}^3\ \Phi_{252}^3\ \Phi_{180}^2\ \Phi_{140}^3\ \Phi_{105}\ \Phi_{84}^3\ \Phi_{60}^2\ \Phi_{36}^3\ \Phi_{35}\ \Phi_{28}^3\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^3\ \Phi_7\ \Phi_4^3\ \Phi_3\ \Phi_1$
154457	1919	4500	$\frac{1}{25}$	$\frac{1}{18}$	$\frac{24}{125}$	$\frac{17}{36}$	$\Phi_{4500}\ \Phi_{1500}\ \Phi_{500}\ \Phi_{125}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
154458	1919	360	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{19}{120}$	$\frac{17}{36}$	$\Phi_{360}^6\ \Phi_{180}^4\ \Phi_{120}^7\ \Phi_{90}^4\ \Phi_{72}^6\ \Phi_{60}^5\ \Phi_{45}^4\ \Phi_{40}^7\ \Phi_{36}^5\ \Phi_{30}^5\ \Phi_{24}^7\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_9^4\ \Phi_8^7\ \Phi_6^5\ \Phi_5^4\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
154459	1919	1980	$\frac{1}{18}$	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{17}{36}$	$\Phi_{1980}^2\ \Phi_{660}^2\ \Phi_{396}^2\ \Phi_{220}^2\ \Phi_{132}^2\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
154460	1919	2856	$\frac{15}{952}$	$\frac{1}{14}$	$\frac{937}{2856}$	$\frac{13}{28}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{408}\ \Phi_{357}\ \Phi_{204}\ \Phi_{168}\ \Phi_{102}\ \Phi_{84}\ \Phi_{51}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
154461	1919	1960	$\frac{41}{1960}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{70}\ \Phi_{49}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
154462	1919	2380	$\frac{15}{476}$	$\frac{1}{14}$	$\frac{461}{2380}$	$\frac{13}{28}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{595}\ \Phi_{340}\ \Phi_{170}\ \Phi_{140}\ \Phi_{85}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
154463	1919	2016	$\frac{97}{2016}$	$\frac{1}{14}$	$\frac{15}{112}$	$\frac{13}{28}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
154464	1919	2002	$\frac{83}{2002}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{154}$	$\Phi_{2002}\ \Phi_{1001}\ \Phi_{286}\ \Phi_{182}\ \Phi_{143}\ \Phi_{91}\ \Phi_{77}\ \Phi_{26}\ \Phi_{13}\ \Phi_{11}\ \Phi_1$
154465	1919	3500	$\frac{6}{175}$	$\frac{169}{1750}$	$\frac{1}{7}$	$\frac{1581}{3500}$	$\Phi_{3500}\ \Phi_{700}\ \Phi_{500}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
154466	1919	105	$\frac{4}{105}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{105}^{19}\ \Phi_{35}^{19}\ \Phi_{21}^{15}\ \Phi_{15}^{19}\ \Phi_7^{16}\ \Phi_5^{19}\ \Phi_3^{15}\ \Phi_1^{17}$
154467	1919	2016	$\frac{97}{2016}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{71}{168}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
154468	1919	540	$\frac{1}{20}$	$\frac{7}{108}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^4\ \Phi_{108}^3\ \Phi_{90}^4\ \Phi_{60}^2\ \Phi_{54}^3\ \Phi_{45}^4\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{27}^3\ \Phi_{20}\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_9^3\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
154469	1919	3288	$\frac{1}{137}$	$\frac{275}{1644}$	$\frac{136}{411}$	$\frac{1369}{3288}$	$\Phi_{3288}\ \Phi_{1096}\ \Phi_{411}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
154470	1919	1960	$\frac{41}{1960}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
154471	1919	1632	$\frac{1}{102}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1632}^2\ \Phi_{544}^2\ \Phi_{204}^2\ \Phi_{102}\ \Phi_{96}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
154472	1919	340	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{69}{170}$	$\Phi_{340}^6\ \Phi_{170}^5\ \Phi_{85}^6\ \Phi_{68}^6\ \Phi_{34}^5\ \Phi_{20}^5\ \Phi_{17}^5\ \Phi_{10}^4\ \Phi_5^5\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
154473	1919	3220	$\frac{13}{322}$	$\frac{1}{14}$	$\frac{309}{1610}$	$\frac{1301}{3220}$	$\Phi_{3220}\ \Phi_{644}\ \Phi_{460}\ \Phi_{322}\ \Phi_{161}\ \Phi_{140}\ \Phi_{92}\ \Phi_{46}\ \Phi_{28}\ \Phi_{23}\ \Phi_{20}\ \Phi_4\ \Phi_1$
154474	1919	2740	$\frac{1}{137}$	$\frac{136}{685}$	$\frac{821}{2740}$	$\frac{549}{1370}$	$\Phi_{2740}\ \Phi_{685}\ \Phi_{548}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
154475	1919	3080	$\frac{6}{385}$	$\frac{1}{7}$	$\frac{379}{1540}$	$\frac{1161}{3080}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{385}\ \Phi_{280}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{55}\ \Phi_{40}\ \Phi_{35}\ \Phi_{11}\ \Phi_8\ \Phi_5\ \Phi_1$
154476	1919	408	$\frac{1}{102}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^4\ \Phi_{204}^6\ \Phi_{136}^4\ \Phi_{102}^5\ \Phi_{68}^6\ \Phi_{51}^5\ \Phi_{34}^5\ \Phi_{24}^3\ \Phi_{17}^5\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
154477	1919	510	$\frac{1}{102}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{170}^4\ \Phi_{102}^3\ \Phi_{85}^4\ \Phi_{51}^3\ \Phi_{34}^3\ \Phi_{30}^3\ \Phi_{17}^3\ \Phi_{15}^4\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
154478	1919	2466	$\frac{1}{137}$	$\frac{547}{2466}$	$\frac{136}{411}$	$\frac{275}{822}$	$\Phi_{2466}\ \Phi_{1233}\ \Phi_{411}\ \Phi_{18}\ \Phi_9\ \Phi_3\ \Phi_1$
154479	1919	1050	$\frac{1}{50}$	$\frac{2}{21}$	$\frac{49}{150}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{150}\ \Phi_{105}^2\ \Phi_{75}\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{21}^3\ \Phi_{15}\ \Phi_{14}^2\ \Phi_7^3\ \Phi_6\ \Phi_3\ \Phi_1$
154480	1919	2184	$\frac{3}{104}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{168}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{52}\ \Phi_{26}\ \Phi_{21}\ \Phi_{13}\ \Phi_8\ \Phi_7\ \Phi_1$
154481	1919	660	$\frac{1}{20}$	$\frac{2}{33}$	$\frac{31}{132}$	$\frac{1}{3}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}^3\ \Phi_{132}^2\ \Phi_{110}^3\ \Phi_{66}^2\ \Phi_{60}^4\ \Phi_{55}^3\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{30}^4\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
154482	1919	540	$\frac{1}{20}$	$\frac{7}{108}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^3\ \Phi_{135}^4\ \Phi_{108}^3\ \Phi_{90}^3\ \Phi_{60}^4\ \Phi_{54}^3\ \Phi_{45}^4\ \Phi_{36}^2\ \Phi_{30}^4\ \Phi_{27}^3\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
154483	1919	105	$\frac{4}{105}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{105}^{18}\ \Phi_{35}^{18}\ \Phi_{21}^{19}\ \Phi_{15}^{19}\ \Phi_7^{19}\ \Phi_5^{18}\ \Phi_3^{19}\ \Phi_1^{19}$
154484	1919	2625	$\frac{1}{25}$	$\frac{2}{21}$	$\frac{24}{125}$	$\frac{1}{3}$	$\Phi_{2625}\ \Phi_{875}\ \Phi_{125}\ \Phi_{21}\ \Phi_7\ \Phi_1$
154485	1919	840	$\frac{1}{20}$	$\frac{2}{21}$	$\frac{19}{120}$	$\frac{1}{3}$	$\Phi_{840}^3\ \Phi_{420}^2\ \Phi_{280}^3\ \Phi_{210}^2\ \Phi_{168}^3\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{40}\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^3\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_8\ \Phi_7^3\ \Phi_6\ \Phi_3\ \Phi_1$
154486	1919	2310	$\frac{9}{110}$	$\frac{2}{21}$	$\frac{1}{10}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{385}\ \Phi_{231}\ \Phi_{154}\ \Phi_{110}\ \Phi_{77}\ \Phi_{55}\ \Phi_{22}\ \Phi_{21}\ \Phi_{11}\ \Phi_7\ \Phi_1$
154487	1919	1350	$\frac{1}{50}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{49}{150}$	$\Phi_{1350}^2\ \Phi_{675}^2\ \Phi_{270}^2\ \Phi_{150}\ \Phi_{135}^2\ \Phi_{75}\ \Phi_{54}^2\ \Phi_{30}\ \Phi_{27}^3\ \Phi_{15}\ \Phi_6\ \Phi_3\ \Phi_1$
154488	1919	600	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{49}{150}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{200}^4\ \Phi_{150}\ \Phi_{120}^4\ \Phi_{100}^4\ \Phi_{75}\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{30}\ \Phi_{24}^5\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
154489	1919	2835	$\frac{29}{945}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{916}{2835}$	$\Phi_{2835}\ \Phi_{567}\ \Phi_{405}\ \Phi_{81}\ \Phi_{35}\ \Phi_5\ \Phi_1$
154490	1919	147	$\frac{3}{49}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{46}{147}$	$\Phi_{147}^{12}\ \Phi_{49}^{14}\ \Phi_{21}^{15}\ \Phi_7^{16}\ \Phi_3^{15}\ \Phi_1^{17}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
154491	1919	2520	$\frac{29}{630}$	$\frac{1}{14}$	$\frac{601}{2520}$	$\frac{13}{42}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
154492	1919	2016	$\frac{97}{2016}$	$\frac{1}{14}$	$\frac{29}{126}$	$\frac{13}{42}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
154493	1919	2268	$\frac{1}{14}$	$\frac{29}{378}$	$\frac{349}{2268}$	$\frac{13}{42}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{324}\ \Phi_{252}\ \Phi_{162}\ \Phi_{108}\ \Phi_{84}\ \Phi_{81}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
154494	1919	2100	$\frac{1}{14}$	$\frac{181}{2100}$	$\frac{29}{210}$	$\frac{13}{42}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{42}\ \Phi_{28}\ \Phi_{25}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
154495	1919	2772	$\frac{1}{14}$	$\frac{71}{924}$	$\frac{13}{84}$	$\frac{853}{2772}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
154496	1919	2772	$\frac{71}{924}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{853}{2772}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{36}\ \Phi_{18}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
154497	1919	2079	$\frac{160}{2079}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{231}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{297}\ \Phi_{189}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{27}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
154498	1919	720	$\frac{1}{20}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{144}$	$\Phi_{720}^4\ \Phi_{360}^4\ \Phi_{180}^4\ \Phi_{144}^3\ \Phi_{90}^4\ \Phi_{72}^3\ \Phi_{60}^2\ \Phi_{45}^4\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_{9}^3\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
154499	1919	2808	$\frac{3}{104}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{216}\ \Phi_{104}\ \Phi_{52}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
154500	1919	945	$\frac{4}{105}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{945}^3\ \Phi_{189}^3\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{35}\ \Phi_{27}^3\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
154501	1919	3375	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{24}{125}$	$\frac{8}{27}$	$\Phi_{3375}\ \Phi_{125}\ \Phi_{27}\ \Phi_{1}$
154502	1919	1080	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{19}{120}$	$\frac{8}{27}$	$\Phi_{1080}^3\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{216}^3\ \Phi_{135}^2\ \Phi_{120}\ \Phi_{108}^2\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}^3\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
154503	1919	2970	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{2970}\ \Phi_{1485}\ \Phi_{594}\ \Phi_{297}\ \Phi_{110}\ \Phi_{55}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
154504	1919	105	$\frac{4}{105}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{105}^{18}\ \Phi_{35}^{19}\ \Phi_{21}^{18}\ \Phi_{15}^{18}\ \Phi_{7}^{18}\ \Phi_{5}^{19}\ \Phi_{3}^{18}\ \Phi_{1}^{19}$
154505	1919	2625	$\frac{6}{175}$	$\frac{1}{7}$	$\frac{169}{875}$	$\frac{706}{2625}$	$\Phi_{2625}\ \Phi_{525}\ \Phi_{375}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
154506	1919	312	$\frac{3}{104}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{312}^6\ \Phi_{156}^6\ \Phi_{104}^7\ \Phi_{78}^6\ \Phi_{52}^7\ \Phi_{39}^6\ \Phi_{26}^7\ \Phi_{24}^3\ \Phi_{13}^7\ \Phi_{12}^5\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
154507	1919	2520	$\frac{29}{630}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{601}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
154508	1919	2156	$\frac{6}{77}$	$\frac{237}{2156}$	$\frac{1}{7}$	$\frac{71}{308}$	$\Phi_{2156}\ \Phi_{1078}\ \Phi_{539}\ \Phi_{196}\ \Phi_{98}\ \Phi_{77}\ \Phi_{49}\ \Phi_{11}\ \Phi_{1}$
154509	1919	2464	$\frac{6}{77}$	$\frac{71}{616}$	$\frac{1}{7}$	$\frac{545}{2464}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{352}\ \Phi_{224}\ \Phi_{176}\ \Phi_{112}\ \Phi_{77}\ \Phi_{32}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
154510	1919	336	$\frac{2}{21}$	$\frac{11}{112}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{336}^7\ \Phi_{168}^7\ \Phi_{112}^5\ \Phi_{84}^7\ \Phi_{56}^5\ \Phi_{48}^7\ \Phi_{28}^5\ \Phi_{24}^7\ \Phi_{21}^3\ \Phi_{16}^5\ \Phi_{12}^7\ \Phi_{8}^5\ \Phi_{7}^2\ \Phi_{4}^5\ \Phi_{3}^3\ \Phi_{1}^3$
154511	1919	840	$\frac{4}{105}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{280}^3\ \Phi_{168}^3\ \Phi_{140}^3\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}^3\ \Phi_{60}^2\ \Phi_{56}^3\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{7}\ \Phi_{4}^3\ \Phi_{3}\ \Phi_{1}$
154512	1919	3000	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{24}{125}$	$\frac{5}{24}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{125}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
154513	1919	120	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{120}^{15}\ \Phi_{60}^{17}\ \Phi_{40}^{15}\ \Phi_{30}^{17}\ \Phi_{24}^{16}\ \Phi_{20}^{16}\ \Phi_{15}^{17}\ \Phi_{12}^{18}\ \Phi_{10}^{16}\ \Phi_{8}^{16}\ \Phi_{6}^{17}\ \Phi_{5}^{16}\ \Phi_{4}^{17}\ \Phi_{3}^{17}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
154514	1919	1320	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{220}^2\ \Phi_{132}^2\ \Phi_{110}\ \Phi_{88}^2\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
154515	1919	2100	$\frac{181}{2100}$	$\frac{29}{210}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
154516	1919	2205	$\frac{29}{315}$	$\frac{286}{2205}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{441}\ \Phi_{245}\ \Phi_{147}\ \Phi_{49}\ \Phi_{35}\ \Phi_{5}\ \Phi_{1}$
154517	1919	2310	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{462}$	$\frac{391}{2310}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{110}\ \Phi_{105}\ \Phi_{77}\ \Phi_{70}\ \Phi_{55}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
154518	1920	1437	$\frac{1}{479}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{239}{479}$	$\Phi_{1437}\ \Phi_{479}^2\ \Phi_{3}^2\ \Phi_{1}^4$
154519	1920	1919	$\frac{5}{1919}$	$\frac{481}{1919}$	$\frac{719}{1919}$	$\frac{957}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^2$
154520	1920	3064	$\frac{1}{383}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{191}{383}$	$\Phi_{3064}\ \Phi_{383}\ \Phi_{8}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
154521	1920	2883	$\frac{3}{961}$	$\frac{241}{961}$	$\frac{1}{3}$	$\frac{479}{961}$	$\Phi_{2883}\ \Phi_{93}$
154522	1920	1595	$\frac{1}{319}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{159}{319}$	$\Phi_{1595}\ \Phi_{319}^2\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
154523	1920	3828	$\frac{1}{319}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{159}{319}$	$\Phi_{3828}\ \Phi_{1914}\ \Phi_{348}\ \Phi_{174}\ \Phi_{132}\ \Phi_{66}\ \Phi_{12}^2\ \Phi_6^2$
154524	1920	1919	$\frac{7}{1919}$	$\frac{321}{1919}$	$\frac{799}{1919}$	$\frac{956}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154525	1920	1673	$\frac{1}{239}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{119}{239}$	$\Phi_{1673}\ \Phi_{239}^2\ \Phi_7^2\ \Phi_1^4$
154526	1920	3585	$\frac{1}{239}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{119}{239}$	$\Phi_{3585}\ \Phi_{15}^2$
154527	1920	2564	$\frac{3}{641}$	$\frac{1}{4}$	$\frac{161}{641}$	$\frac{319}{641}$	$\Phi_{2564}\ \Phi_{1282}$
154528	1920	1919	$\frac{9}{1919}$	$\frac{241}{1919}$	$\frac{839}{1919}$	$\frac{955}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154529	1920	1919	$\frac{9}{1919}$	$\frac{479}{1919}$	$\frac{482}{1919}$	$\frac{955}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154530	1920	2883	$\frac{5}{961}$	$\frac{161}{961}$	$\frac{1}{3}$	$\frac{478}{961}$	$\Phi_{2883}\ \Phi_{93}$
154531	1920	1719	$\frac{1}{191}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{95}{191}$	$\Phi_{1719}\ \Phi_{573}\ \Phi_{191}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
154532	1920	1146	$\frac{1}{191}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{95}{191}$	$\Phi_{1146}^2\ \Phi_{573}\ \Phi_{382}^2\ \Phi_{191}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
154533	1920	1919	$\frac{11}{1919}$	$\frac{193}{1919}$	$\frac{863}{1919}$	$\frac{954}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154534	1920	2405	$\frac{3}{481}$	$\frac{1}{5}$	$\frac{121}{481}$	$\frac{239}{481}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
154535	1920	1749	$\frac{1}{159}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{79}{159}$	$\Phi_{1749}\ \Phi_{583}\ \Phi_{159}^2\ \Phi_{53}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
154536	1920	1113	$\frac{1}{159}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{79}{159}$	$\Phi_{1113}^2\ \Phi_{371}^2\ \Phi_{21}^3\ \Phi_7^2$
154537	1920	1749	$\frac{1}{159}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{79}{159}$	$\Phi_{1749}\ \Phi_{583}\ \Phi_{159}^2\ \Phi_{53}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
154538	1920	3180	$\frac{1}{159}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{79}{159}$	$\Phi_{3180}\ \Phi_{1590}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
154539	1920	1919	$\frac{13}{1919}$	$\frac{161}{1919}$	$\frac{879}{1919}$	$\frac{953}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154540	1920	1919	$\frac{13}{1919}$	$\frac{359}{1919}$	$\frac{483}{1919}$	$\frac{953}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154541	1920	2883	$\frac{7}{961}$	$\frac{121}{961}$	$\frac{1}{3}$	$\frac{477}{961}$	$\Phi_{2883}\ \Phi_{93}$
154542	1920	2310	$\frac{3}{385}$	$\frac{1}{6}$	$\frac{97}{385}$	$\frac{191}{385}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{154}\ \Phi_{110}$ $\Phi_{105}\ \Phi_{70}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
154543	1920	3556	$\frac{1}{127}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{63}{127}$	$\Phi_{3556}\ \Phi_{508}\ \Phi_{127}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
154544	1920	889	$\frac{1}{127}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{63}{127}$	$\Phi_{889}^2\ \Phi_{127}^3\ \Phi_7^4\ \Phi_1^6$
154545	1920	1524	$\frac{1}{127}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{63}{127}$	$\Phi_{1524}^2\ \Phi_{762}\ \Phi_{508}\ \Phi_{381}\ \Phi_{127}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
154546	1920	1785	$\frac{1}{119}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{59}{119}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}^2\ \Phi_{105}\ \Phi_{85}\ \Phi_{51}\ \Phi_{35}\ \Phi_{21}\ \Phi_{17}^2$ $\Phi_{15}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
154547	1920	1071	$\frac{1}{119}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{59}{119}$	$\Phi_{1071}^2\ \Phi_{357}\ \Phi_{153}^2\ \Phi_{119}^2\ \Phi_{63}^2\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
154548	1920	595	$\frac{1}{119}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{59}{119}$	$\Phi_{595}^3\ \Phi_{119}^4\ \Phi_{85}^3\ \Phi_{35}^3\ \Phi_{17}^4\ \Phi_7^4\ \Phi_5^6\ \Phi_1^8$
154549	1920	1919	$\frac{17}{1919}$	$\frac{121}{1919}$	$\frac{899}{1919}$	$\frac{951}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154550	1920	1919	$\frac{17}{1919}$	$\frac{242}{1919}$	$\frac{559}{1919}$	$\frac{951}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154551	1920	1919	$\frac{17}{1919}$	$\frac{287}{1919}$	$\frac{484}{1919}$	$\frac{951}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154552	1920	749	$\frac{1}{107}$	$\frac{1}{7}$	$\frac{27}{107}$	$\frac{53}{107}$	$\Phi_{749}^3\ \Phi_7^2$
154553	1920	2883	$\frac{9}{961}$	$\frac{97}{961}$	$\frac{1}{3}$	$\frac{476}{961}$	$\Phi_{2883}\ \Phi_{93}$
154554	1920	303	$\frac{1}{101}$	$\frac{17}{303}$	$\frac{143}{303}$	$\frac{50}{101}$	$\Phi_{303}^6\ \Phi_{101}^7\ \Phi_3^6\ \Phi_1^8$
154555	1920	101	$\frac{1}{101}$	$\frac{17}{101}$	$\frac{21}{101}$	$\frac{50}{101}$	$\Phi_{101}^{19}\ \Phi_1^{20}$
154556	1920	2405	$\frac{5}{481}$	$\frac{81}{481}$	$\frac{1}{5}$	$\frac{238}{481}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
154557	1920	95	$\frac{1}{95}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{47}{95}$	$\Phi_{95}^{20}\ \Phi_{19}^{21}\ \Phi_5^{20}\ \Phi_1^{22}$
154558	1920	3135	$\frac{1}{95}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{47}{95}$	$\Phi_{3135}\ \Phi_{627}\ \Phi_{165}\ \Phi_{33}^2$
154559	1920	95	$\frac{1}{95}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{47}{95}$	$\Phi_{95}^{20}\ \Phi_{19}^{21}\ \Phi_5^{20}\ \Phi_1^{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
154560	1920	570	$\frac{1}{95}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{47}{95}$	$\Phi_{570}^4\ \Phi_{285}^4\ \Phi_{190}^4\ \Phi_{114}^4\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{30}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4$
154561	1920	2564	$\frac{7}{641}$	$\frac{81}{641}$	$\frac{1}{4}$	$\frac{317}{641}$	$\Phi_{2564}\ \Phi_{1282}$
154562	1920	1919	$\frac{21}{1919}$	$\frac{97}{1919}$	$\frac{911}{1919}$	$\frac{949}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^2$
154563	1920	1919	$\frac{21}{1919}$	$\frac{194}{1919}$	$\frac{575}{1919}$	$\frac{949}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^2$
154564	1920	1919	$\frac{21}{1919}$	$\frac{239}{1919}$	$\frac{485}{1919}$	$\frac{949}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^2$
154565	1920	2883	$\frac{11}{961}$	$\frac{81}{961}$	$\frac{1}{3}$	$\frac{475}{961}$	$\Phi_{2883}\ \Phi_{93}$
154566	1920	2169	$\frac{3}{241}$	$\frac{1}{9}$	$\frac{61}{241}$	$\frac{119}{241}$	$\Phi_{2169}\ \Phi_{723}$
154567	1920	1817	$\frac{1}{79}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{39}{79}$	$\Phi_{1817}\ \Phi_{79}^2\ \Phi_{23}^2\ \Phi_{1}^4$
154568	1920	3081	$\frac{1}{79}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{39}{79}$	$\Phi_{3081}\ \Phi_{39}^2$
154569	1920	1817	$\frac{1}{79}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{39}{79}$	$\Phi_{1817}\ \Phi_{79}^2\ \Phi_{23}^2\ \Phi_{1}^4$
154570	1920	2844	$\frac{1}{79}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{39}{79}$	$\Phi_{2844}\ \Phi_{1422}\ \Phi_{948}\ \Phi_{474}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{6}^2$
154571	1920	1817	$\frac{1}{79}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{39}{79}$	$\Phi_{1817}\ \Phi_{79}^2\ \Phi_{23}^2\ \Phi_{1}^4$
154572	1920	2765	$\frac{1}{79}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{39}{79}$	$\Phi_{2765}\ \Phi_{35}^2$
154573	1920	462	$\frac{1}{77}$	$\frac{1}{6}$	$\frac{13}{77}$	$\frac{38}{77}$	$\Phi_{462}^5\ \Phi_{231}^5\ \Phi_{154}^5\ \Phi_{66}^5\ \Phi_{42}^5\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4$
154574	1920	1919	$\frac{25}{1919}$	$\frac{81}{1919}$	$\frac{919}{1919}$	$\frac{947}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^2$
154575	1920	1919	$\frac{25}{1919}$	$\frac{243}{1919}$	$\frac{419}{1919}$	$\frac{947}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^2$
154576	1920	1919	$\frac{25}{1919}$	$\frac{319}{1919}$	$\frac{324}{1919}$	$\frac{947}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^2$
154577	1920	2564	$\frac{9}{641}$	$\frac{65}{641}$	$\frac{1}{4}$	$\frac{316}{641}$	$\Phi_{2564}\ \Phi_{1282}$
154578	1920	2405	$\frac{7}{481}$	$\frac{61}{481}$	$\frac{1}{5}$	$\frac{237}{481}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
154579	1920	1919	$\frac{29}{1919}$	$\frac{179}{1919}$	$\frac{487}{1919}$	$\frac{945}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^2$
154580	1920	2123	$\frac{3}{193}$	$\frac{1}{11}$	$\frac{49}{193}$	$\frac{95}{193}$	Φ_{2123}
154581	1920	2883	$\frac{15}{961}$	$\frac{61}{961}$	$\frac{1}{3}$	$\frac{473}{961}$	$\Phi_{2883}\ \Phi_{93}$
154582	1920	1827	$\frac{1}{63}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{31}{63}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{261}\ \Phi_{203}\ \Phi_{87}\ \Phi_{63}^2\ \Phi_{29}^2\ \Phi_{21}^2\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
154583	1920	1008	$\frac{1}{63}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{31}{63}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{48}^3\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{8}^2\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
154584	1920	1827	$\frac{1}{63}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{31}{63}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{261}\ \Phi_{203}\ \Phi_{87}\ \Phi_{63}^2\ \Phi_{29}^2\ \Phi_{21}^2\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
154585	1920	2772	$\frac{1}{63}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{31}{63}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{462}\ \Phi_{396}\ \Phi_{308}\ \Phi_{198}\ \Phi_{154}\ \Phi_{132}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{22}^2$
154586	1920	1827	$\frac{1}{63}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{31}{63}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{261}\ \Phi_{203}\ \Phi_{87}\ \Phi_{63}^2\ \Phi_{29}^2\ \Phi_{21}^2\ \Phi_{9}^2\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
154587	1920	126	$\frac{1}{63}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{31}{63}$	$\Phi_{126}^{18}\ \Phi_{63}^{12}\ \Phi_{42}^{19}\ \Phi_{21}^{13}\ \Phi_{18}^{18}\ \Phi_{14}^{19}\ \Phi_{9}^{12}\ \Phi_{7}^{12}\ \Phi_{6}^{18}\ \Phi_{3}^{12}\ \Phi_{2}^{18}\ \Phi_{1}^{12}$
154588	1920	1919	$\frac{31}{1919}$	$\frac{65}{1919}$	$\frac{927}{1919}$	$\frac{944}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^2$
154589	1920	1919	$\frac{31}{1919}$	$\frac{195}{1919}$	$\frac{431}{1919}$	$\frac{944}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^2$
154590	1920	1829	$\frac{1}{59}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{29}{59}$	$\Phi_{1829}\ \Phi_{59}^2\ \Phi_{31}^2\ \Phi_{1}^4$
154591	1920	3009	$\frac{1}{59}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{29}{59}$	$\Phi_{3009}\ \Phi_{51}^2$
154592	1920	1829	$\frac{1}{59}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{29}{59}$	$\Phi_{1829}\ \Phi_{59}^2\ \Phi_{31}^2\ \Phi_{1}^4$
154593	1920	2655	$\frac{1}{59}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{29}{59}$	$\Phi_{2655}\ \Phi_{885}\ \Phi_{45}^2\ \Phi_{15}^2$
154594	1920	1919	$\frac{33}{1919}$	$\frac{61}{1919}$	$\frac{929}{1919}$	$\frac{943}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^2$
154595	1920	1919	$\frac{33}{1919}$	$\frac{122}{1919}$	$\frac{599}{1919}$	$\frac{943}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^2$
154596	1920	1919	$\frac{33}{1919}$	$\frac{244}{1919}$	$\frac{335}{1919}$	$\frac{943}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^2$
154597	1920	330	$\frac{1}{55}$	$\frac{7}{55}$	$\frac{1}{6}$	$\frac{27}{55}$	$\Phi_{330}^7\ \Phi_{165}^7\ \Phi_{110}^7\ \Phi_{66}^7\ \Phi_{33}^7\ \Phi_{30}^7\ \Phi_{22}^7\ \Phi_{15}^7\ \Phi_{10}^7\ \Phi_{6}^6\ \Phi_{3}^6\ \Phi_{2}^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
154598	1920	2093	$\frac{3}{161}$	$\frac{1}{13}$	$\frac{41}{161}$	$\frac{79}{161}$	$\Phi_{2093}\ \Phi_{299}\ \Phi_{91}$
154599	1920	2405	$\frac{9}{481}$	$\frac{49}{481}$	$\frac{1}{5}$	$\frac{236}{481}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
154600	1920	1919	$\frac{37}{1919}$	$\frac{143}{1919}$	$\frac{489}{1919}$	$\frac{941}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154601	1920	1919	$\frac{37}{1919}$	$\frac{163}{1919}$	$\frac{439}{1919}$	$\frac{941}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154602	1920	2883	$\frac{19}{961}$	$\frac{49}{961}$	$\frac{1}{3}$	$\frac{471}{961}$	$\Phi_{2883}\ \Phi_{93}$
154603	1920	627	$\frac{13}{627}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{307}{627}$	$\Phi_{627}^{3}\ \Phi_{209}^{3}\ \Phi_{57}^{3}\ \Phi_{33}^{3}\ \Phi_{19}^{5}\ \Phi_{11}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
154604	1920	2169	$\frac{5}{241}$	$\frac{1}{9}$	$\frac{41}{241}$	$\frac{118}{241}$	$\Phi_{2169}\ \Phi_{723}$
154605	1920	1833	$\frac{1}{47}$	$\frac{1}{39}$	$\frac{19}{39}$	$\frac{23}{47}$	$\Phi_{1833}\ \Phi_{611}\ \Phi_{141}\ \Phi_{47}^{2}\ \Phi_{39}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
154606	1920	987	$\frac{1}{47}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{987}^{2}\ \Phi_{329}^{2}\ \Phi_{141}\ \Phi_{47}^{2}\ \Phi_{21}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
154607	1920	611	$\frac{1}{47}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{23}{47}$	$\Phi_{611}^{3}\ \Phi_{47}^{4}\ \Phi_{13}^{6}\ \Phi_{1}^{8}$
154608	1920	2585	$\frac{1}{47}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{23}{47}$	$\Phi_{2585}\ \Phi_{55}^{2}$
154609	1920	1833	$\frac{1}{47}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{23}{47}$	$\Phi_{1833}\ \Phi_{611}\ \Phi_{141}\ \Phi_{47}^{2}\ \Phi_{39}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
154610	1920	846	$\frac{1}{47}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{23}{47}$	$\Phi_{846}^{3}\ \Phi_{423}^{2}\ \Phi_{282}^{2}\ \Phi_{141}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{18}^{6}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
154611	1920	1919	$\frac{41}{1919}$	$\frac{49}{1919}$	$\frac{935}{1919}$	$\frac{939}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154612	1920	1919	$\frac{41}{1919}$	$\frac{98}{1919}$	$\frac{607}{1919}$	$\frac{939}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154613	1920	1919	$\frac{41}{1919}$	$\frac{245}{1919}$	$\frac{279}{1919}$	$\frac{939}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154614	1920	2247	$\frac{7}{321}$	$\frac{41}{321}$	$\frac{1}{7}$	$\frac{157}{321}$	$\Phi_{2247}\ \Phi_{749}\ \Phi_{21}$
154615	1920	1919	$\frac{43}{1919}$	$\frac{199}{1919}$	$\frac{327}{1919}$	$\frac{938}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154616	1920	2405	$\frac{11}{481}$	$\frac{41}{481}$	$\frac{1}{5}$	$\frac{235}{481}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
154617	1920	688	$\frac{1}{43}$	$\frac{1}{16}$	$\frac{11}{43}$	$\frac{21}{43}$	$\Phi_{688}^{3}\ \Phi_{344}^{3}\ \Phi_{172}^{3}\ \Phi_{86}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
154618	1920	2564	$\frac{15}{641}$	$\frac{41}{641}$	$\frac{1}{4}$	$\frac{313}{641}$	$\Phi_{2564}\ \Phi_{1282}$
154619	1920	1919	$\frac{45}{1919}$	$\frac{119}{1919}$	$\frac{491}{1919}$	$\frac{937}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154620	1920	2883	$\frac{23}{961}$	$\frac{41}{961}$	$\frac{1}{3}$	$\frac{469}{961}$	$\Phi_{2883}\ \Phi_{93}$
154621	1920	2057	$\frac{3}{121}$	$\frac{1}{17}$	$\frac{31}{121}$	$\frac{59}{121}$	$\Phi_{2057}\ \Phi_{187}$
154622	1920	1919	$\frac{49}{1919}$	$\frac{123}{1919}$	$\frac{449}{1919}$	$\frac{935}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154623	1920	1919	$\frac{49}{1919}$	$\frac{164}{1919}$	$\frac{351}{1919}$	$\frac{935}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154624	1920	975	$\frac{1}{39}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{975}^{2}\ \Phi_{325}^{2}\ \Phi_{195}^{2}\ \Phi_{75}^{3}\ \Phi_{65}^{2}\ \Phi_{25}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
154625	1920	1833	$\frac{1}{39}$	$\frac{2}{47}$	$\frac{15}{47}$	$\frac{19}{39}$	$\Phi_{1833}\ \Phi_{611}\ \Phi_{141}\ \Phi_{47}^{2}\ \Phi_{39}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
154626	1920	2652	$\frac{1}{39}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{19}{39}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{884}\ \Phi_{442}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}^{2}\ \Phi_{34}^{2}$
154627	1920	1833	$\frac{1}{39}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{19}{39}$	$\Phi_{1833}\ \Phi_{611}\ \Phi_{141}\ \Phi_{47}^{2}\ \Phi_{39}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
154628	1920	195	$\frac{1}{39}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{19}{39}$	$\Phi_{195}^{12}\ \Phi_{65}^{13}\ \Phi_{15}^{12}\ \Phi_{5}^{12}$
154629	1920	1833	$\frac{1}{39}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{19}{39}$	$\Phi_{1833}\ \Phi_{611}\ \Phi_{141}\ \Phi_{47}^{2}\ \Phi_{39}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
154630	1920	819	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{19}{39}$	$\Phi_{819}^{3}\ \Phi_{273}^{2}\ \Phi_{91}^{2}\ \Phi_{63}^{4}\ \Phi_{21}^{3}\ \Phi_{7}^{2}$
154631	1920	2123	$\frac{5}{193}$	$\frac{1}{11}$	$\frac{33}{193}$	$\frac{94}{193}$	Φ_{2123}
154632	1920	1919	$\frac{51}{1919}$	$\frac{197}{1919}$	$\frac{287}{1919}$	$\frac{934}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154633	1920	1122	$\frac{5}{187}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{91}{187}$	$\Phi_{1122}^{2}\ \Phi_{561}^{2}\ \Phi_{374}^{2}\ \Phi_{102}^{2}\ \Phi_{66}^{3}\ \Phi_{51}^{2}\ \Phi_{34}^{2}\ \Phi_{33}^{3}\ \Phi_{22}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
154634	1920	1295	$\frac{1}{37}$	$\frac{19}{259}$	$\frac{1}{5}$	$\frac{18}{37}$	$\Phi_{1295}^{2}\ \Phi_{185}\ \Phi_{35}^{2}$
154635	1920	323	$\frac{9}{323}$	$\frac{1}{19}$	$\frac{83}{323}$	$\frac{157}{323}$	$\Phi_{323}^{6}\ \Phi_{19}^{5}\ \Phi_{17}^{6}\ \Phi_{1}^{6}$
154636	1920	749	$\frac{3}{107}$	$\frac{11}{107}$	$\frac{1}{7}$	$\frac{52}{107}$	$\Phi_{749}^{3}\ \Phi_{7}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
154637	1920	210	$\frac{1}{35}$	$\frac{3}{35}$	$\frac{1}{6}$	$\frac{17}{35}$	$\Phi_{210}^{11}\ \Phi_{105}^{11}\ \Phi_{70}^{11}\ \Phi_{42}^{11}\ \Phi_{30}^{11}\ \Phi_{21}^{11}\ \Phi_{15}^{11}\ \Phi_{14}^{11}\ \Phi_{10}^{11}\ \Phi_{6}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}$
154638	1920	1919	$\frac{55}{1919}$	$\frac{159}{1919}$	$\frac{329}{1919}$	$\frac{932}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154639	1920	2169	$\frac{7}{241}$	$\frac{1}{9}$	$\frac{31}{241}$	$\frac{117}{241}$	$\Phi_{2169}\ \Phi_{723}$
154640	1920	2564	$\frac{19}{641}$	$\frac{33}{641}$	$\frac{1}{4}$	$\frac{311}{641}$	$\Phi_{2564}\ \Phi_{1282}$
154641	1920	101	$\frac{3}{101}$	$\frac{5}{101}$	$\frac{26}{101}$	$\frac{49}{101}$	$\Phi_{101}^{19}\ \Phi_{1}^{20}$
154642	1920	101	$\frac{3}{101}$	$\frac{11}{101}$	$\frac{13}{101}$	$\frac{49}{101}$	$\Phi_{101}^{19}\ \Phi_{1}^{20}$
154643	1920	2883	$\frac{29}{961}$	$\frac{33}{961}$	$\frac{1}{3}$	$\frac{466}{961}$	$\Phi_{2883}\ \Phi_{93}$
154644	1920	2037	$\frac{3}{97}$	$\frac{1}{21}$	$\frac{25}{97}$	$\frac{47}{97}$	$\Phi_{2037}\ \Phi_{679}\ \Phi_{291}$
154645	1920	2405	$\frac{15}{481}$	$\frac{31}{481}$	$\frac{1}{5}$	$\frac{233}{481}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
154646	1920	1919	$\frac{61}{1919}$	$\frac{89}{1919}$	$\frac{495}{1919}$	$\frac{929}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154647	1920	1919	$\frac{61}{1919}$	$\frac{99}{1919}$	$\frac{455}{1919}$	$\frac{929}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154648	1920	93	$\frac{1}{31}$	$\frac{1}{31}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{93}^{31}\ \Phi_{3}^{30}$
154649	1920	1829	$\frac{1}{31}$	$\frac{2}{59}$	$\frac{19}{59}$	$\frac{15}{31}$	$\Phi_{1829}\ \Phi_{59}^{2}\ \Phi_{31}^{2}\ \Phi_{1}^{4}$
154650	1920	2604	$\frac{1}{31}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{2604}\ \Phi_{1302}\ \Phi_{868}\ \Phi_{434}\ \Phi_{372}\ \Phi_{186}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
154651	1920	1829	$\frac{1}{31}$	$\frac{3}{59}$	$\frac{14}{59}$	$\frac{15}{31}$	$\Phi_{1829}\ \Phi_{59}^{2}\ \Phi_{31}^{2}\ \Phi_{1}^{4}$
154652	1920	2480	$\frac{1}{31}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{31}$	$\Phi_{2480}\ \Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
154653	1920	1829	$\frac{1}{31}$	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{15}{31}$	$\Phi_{1829}\ \Phi_{59}^{2}\ \Phi_{31}^{2}\ \Phi_{1}^{4}$
154654	1920	2418	$\frac{1}{31}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{15}{31}$	$\Phi_{2418}\ \Phi_{1209}\ \Phi_{806}\ \Phi_{78}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{2}$
154655	1920	1829	$\frac{1}{31}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{15}{31}$	$\Phi_{1829}\ \Phi_{59}^{2}\ \Phi_{31}^{2}\ \Phi_{1}^{4}$
154656	1920	2387	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{15}{31}$	$\Phi_{2387}\ \Phi_{77}^{2}$
154657	1920	1919	$\frac{62}{1919}$	$\frac{65}{1919}$	$\frac{619}{1919}$	$\frac{927}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154658	1920	1919	$\frac{65}{1919}$	$\frac{124}{1919}$	$\frac{359}{1919}$	$\frac{927}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154659	1920	957	$\frac{1}{33}$	$\frac{1}{29}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{957}^{2}\ \Phi_{319}^{2}\ \Phi_{87}\ \Phi_{33}^{4}\ \Phi_{29}^{2}\ \Phi_{11}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
154660	1920	609	$\frac{1}{29}$	$\frac{1}{21}$	$\frac{5}{21}$	$\frac{14}{29}$	$\Phi_{609}^{3}\ \Phi_{203}^{3}\ \Phi_{87}^{3}\ \Phi_{29}^{4}\ \Phi_{21}^{6}\ \Phi_{7}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
154661	1920	2465	$\frac{1}{29}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{14}{29}$	$\Phi_{2465}\ \Phi_{85}^{2}$
154662	1920	1015	$\frac{1}{29}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{14}{29}$	$\Phi_{1015}^{2}\ \Phi_{203}\ \Phi_{145}^{2}\ \Phi_{35}^{4}\ \Phi_{29}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
154663	1920	261	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{14}{29}$	$\Phi_{261}^{7}\ \Phi_{87}^{7}\ \Phi_{29}^{8}\ \Phi_{9}^{14}\ \Phi_{3}^{14}\ \Phi_{1}^{16}$
154664	1920	2123	$\frac{7}{193}$	$\frac{1}{11}$	$\frac{25}{193}$	$\frac{93}{193}$	Φ_{2123}
154665	1920	1919	$\frac{71}{1919}$	$\frac{199}{1919}$	$\frac{215}{1919}$	$\frac{924}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154666	1920	675	$\frac{1}{27}$	$\frac{1}{25}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{675}^{3}\ \Phi_{225}^{3}\ \Phi_{135}^{3}\ \Phi_{75}^{3}\ \Phi_{45}^{3}\ \Phi_{25}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
154667	1920	2169	$\frac{9}{241}$	$\frac{25}{241}$	$\frac{1}{9}$	$\frac{116}{241}$	$\Phi_{2169}\ \Phi_{723}$
154668	1920	1919	$\frac{73}{1919}$	$\frac{83}{1919}$	$\frac{459}{1919}$	$\frac{923}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154669	1920	1919	$\frac{73}{1919}$	$\frac{167}{1919}$	$\frac{249}{1919}$	$\frac{923}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154670	1920	462	$\frac{3}{77}$	$\frac{5}{77}$	$\frac{1}{6}$	$\frac{37}{77}$	$\Phi_{462}^{5}\ \Phi_{231}^{5}\ \Phi_{154}^{5}\ \Phi_{66}^{5}\ \Phi_{42}^{5}\ \Phi_{33}^{5}\ \Phi_{22}^{5}\ \Phi_{21}^{5}\ \Phi_{14}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
154671	1920	1001	$\frac{3}{77}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{37}{77}$	$\Phi_{1001}^{2}\ \Phi_{143}^{2}\ \Phi_{91}^{3}\ \Phi_{13}^{2}$
154672	1920	2405	$\frac{19}{481}$	$\frac{25}{481}$	$\frac{1}{5}$	$\frac{231}{481}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
154673	1920	1919	$\frac{71}{1919}$	$\frac{77}{1919}$	$\frac{499}{1919}$	$\frac{921}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154674	1920	2883	$\frac{25}{961}$	$\frac{39}{961}$	$\frac{1}{3}$	$\frac{461}{961}$	$\Phi_{2883}\ \Phi_{93}$
154675	1920	2057	$\frac{5}{121}$	$\frac{1}{17}$	$\frac{21}{121}$	$\frac{58}{121}$	$\Phi_{2057}\ \Phi_{187}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
154676	1920	1919	$\frac{50}{1919}$	$\frac{81}{1919}$	$\frac{623}{1919}$	$\frac{919}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154677	1920	1919	$\frac{81}{1919}$	$\frac{125}{1919}$	$\frac{299}{1919}$	$\frac{919}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154678	1920	2829	$\frac{1}{41}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{2829}\ \Phi_{123}^{2}$
154679	1920	1817	$\frac{3}{79}$	$\frac{1}{23}$	$\frac{19}{79}$	$\frac{11}{23}$	$\Phi_{1817}\ \Phi_{79}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$
154680	1920	2415	$\frac{1}{23}$	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{2415}\ \Phi_{805}\ \Phi_{345}\ \Phi_{105}^{2}\ \Phi_{35}^{2}\ \Phi_{15}^{2}$
154681	1920	1817	$\frac{1}{23}$	$\frac{4}{79}$	$\frac{15}{79}$	$\frac{11}{23}$	$\Phi_{1817}\ \Phi_{79}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$
154682	1920	2346	$\frac{1}{23}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{11}{23}$	$\Phi_{2346}\ \Phi_{1173}\ \Phi_{782}\ \Phi_{102}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{2}$
154683	1920	299	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{3}{23}$	$\frac{11}{23}$	$\Phi_{299}^{7}\ \Phi_{13}^{6}$
154684	1920	1817	$\frac{1}{23}$	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{11}{23}$	$\Phi_{1817}\ \Phi_{79}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$
154685	1920	2277	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{11}{23}$	$\Phi_{2277}\ \Phi_{759}\ \Phi_{99}^{2}\ \Phi_{33}^{2}$
154686	1920	1919	$\frac{85}{1919}$	$\frac{167}{1919}$	$\frac{219}{1919}$	$\frac{917}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154687	1920	2169	$\frac{11}{241}$	$\frac{21}{241}$	$\frac{1}{9}$	$\frac{115}{241}$	$\Phi_{2169}\ \Phi_{723}$
154688	1920	2015	$\frac{1}{31}$	$\frac{3}{65}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{2015}\ \Phi_{403}\ \Phi_{155}$
154689	1920	1919	$\frac{89}{1919}$	$\frac{139}{1919}$	$\frac{251}{1919}$	$\frac{915}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154690	1920	749	$\frac{5}{107}$	$\frac{7}{107}$	$\frac{1}{7}$	$\frac{51}{107}$	$\Phi_{749}^{3}\ \Phi_{7}^{2}$
154691	1920	1919	$\frac{67}{1919}$	$\frac{91}{1919}$	$\frac{463}{1919}$	$\frac{914}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154692	1920	1919	$\frac{91}{1919}$	$\frac{99}{1919}$	$\frac{335}{1919}$	$\frac{914}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154693	1920	2405	$\frac{21}{481}$	$\frac{23}{481}$	$\frac{1}{5}$	$\frac{229}{481}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
154694	1920	2564	$\frac{21}{641}$	$\frac{31}{641}$	$\frac{1}{4}$	$\frac{305}{641}$	$\Phi_{2564}\ \Phi_{1282}$
154695	1920	1919	$\frac{59}{1919}$	$\frac{93}{1919}$	$\frac{503}{1919}$	$\frac{913}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154696	1920	2883	$\frac{21}{961}$	$\frac{47}{961}$	$\frac{1}{3}$	$\frac{457}{961}$	$\Phi_{2883}\ \Phi_{93}$
154697	1920	2013	$\frac{1}{33}$	$\frac{3}{61}$	$\frac{16}{61}$	$\frac{29}{61}$	$\Phi_{2013}\ \Phi_{671}\ \Phi_{183}$
154698	1920	1919	$\frac{63}{1919}$	$\frac{97}{1919}$	$\frac{464}{1919}$	$\frac{911}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154699	1920	1919	$\frac{84}{1919}$	$\frac{97}{1919}$	$\frac{367}{1919}$	$\frac{911}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154700	1920	2037	$\frac{1}{21}$	$\frac{5}{97}$	$\frac{17}{97}$	$\frac{46}{97}$	$\Phi_{2037}\ \Phi_{679}\ \Phi_{291}$
154701	1920	2793	$\frac{1}{49}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{2793}\ \Phi_{399}\ \Phi_{147}^{2}\ \Phi_{21}^{2}$
154702	1920	95	$\frac{2}{95}$	$\frac{1}{19}$	$\frac{31}{95}$	$\frac{9}{19}$	$\Phi_{95}^{20}\ \Phi_{19}^{21}\ \Phi_{5}^{20}\ \Phi_{1}^{22}$
154703	1920	247	$\frac{7}{247}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{247}^{8}\ \Phi_{19}^{5}\ \Phi_{13}^{8}\ \Phi_{1}^{6}$
154704	1920	2508	$\frac{1}{33}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{836}\ \Phi_{418}\ \Phi_{228}\ \Phi_{132}^{2}\ \Phi_{114}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
154705	1920	95	$\frac{3}{95}$	$\frac{1}{19}$	$\frac{23}{95}$	$\frac{9}{19}$	$\Phi_{95}^{20}\ \Phi_{19}^{21}\ \Phi_{5}^{20}\ \Phi_{1}^{22}$
154706	1920	475	$\frac{1}{25}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{475}^{4}\ \Phi_{95}^{3}\ \Phi_{25}^{8}\ \Phi_{19}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
154707	1920	19	$\frac{1}{19}$	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{9}{19}$	$\Phi_{19}^{101}\ \Phi_{1}^{102}$
154708	1920	2261	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{9}{19}$	$\Phi_{2261}\ \Phi_{119}^{2}$
154709	1920	95	$\frac{1}{19}$	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{9}{19}$	$\Phi_{95}^{20}\ \Phi_{19}^{21}\ \Phi_{5}^{20}\ \Phi_{1}^{22}$
154710	1920	2223	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{9}{19}$	$\Phi_{2223}\ \Phi_{741}\ \Phi_{117}^{2}\ \Phi_{39}^{2}$
154711	1920	209	$\frac{1}{19}$	$\frac{17}{209}$	$\frac{2}{19}$	$\frac{9}{19}$	$\Phi_{209}^{10}\ \Phi_{19}\ \Phi_{11}^{10}\ \Phi_{1}^{2}$
154712	1920	2064	$\frac{7}{129}$	$\frac{1}{16}$	$\frac{17}{129}$	$\frac{61}{129}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{688}\ \Phi_{516}\ \Phi_{344}\ \Phi_{258}\ \Phi_{172}\ \Phi_{86}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
154713	1920	2093	$\frac{9}{161}$	$\frac{1}{13}$	$\frac{17}{161}$	$\frac{76}{161}$	$\Phi_{2093}\ \Phi_{299}\ \Phi_{91}$
154714	1920	303	$\frac{2}{101}$	$\frac{17}{303}$	$\frac{33}{101}$	$\frac{143}{303}$	$\Phi_{303}^{6}\ \Phi_{101}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
154715	1920	303	$\frac{5}{101}$	$\frac{17}{303}$	$\frac{16}{101}$	$\frac{143}{303}$	$\Phi_{303}^{6}\ \Phi_{101}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
154716	1920	1919	$\frac{109}{1919}$	$\frac{169}{1919}$	$\frac{175}{1919}$	$\frac{905}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154717	1920	2123	$\frac{11}{193}$	$\frac{17}{193}$	$\frac{1}{11}$	$\frac{91}{193}$	Φ_{2123}
154718	1920	1919	$\frac{111}{1919}$	$\frac{143}{1919}$	$\frac{203}{1919}$	$\frac{904}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154719	1920	2057	$\frac{7}{121}$	$\frac{1}{17}$	$\frac{16}{121}$	$\frac{57}{121}$	$\Phi_{2057}\ \Phi_{187}$
154720	1920	1919	$\frac{111}{1919}$	$\frac{113}{1919}$	$\frac{254}{1919}$	$\frac{903}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154721	1920	1919	$\frac{113}{1919}$	$\frac{127}{1919}$	$\frac{224}{1919}$	$\frac{903}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154722	1920	2247	$\frac{17}{321}$	$\frac{19}{321}$	$\frac{1}{7}$	$\frac{151}{321}$	$\Phi_{2247}\ \Phi_{749}\ \Phi_{21}$
154723	1920	2310	$\frac{17}{385}$	$\frac{23}{385}$	$\frac{1}{6}$	$\frac{181}{385}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{154}\ \Phi_{110}$ $\Phi_{105}\ \Phi_{70}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
154724	1920	1919	$\frac{79}{1919}$	$\frac{115}{1919}$	$\frac{339}{1919}$	$\frac{902}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154725	1920	2405	$\frac{17}{481}$	$\frac{29}{481}$	$\frac{1}{5}$	$\frac{226}{481}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
154726	1920	2564	$\frac{17}{641}$	$\frac{39}{641}$	$\frac{1}{4}$	$\frac{301}{641}$	$\Phi_{2564}\ \Phi_{1282}$
154727	1920	1919	$\frac{47}{1919}$	$\frac{117}{1919}$	$\frac{509}{1919}$	$\frac{901}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154728	1920	2009	$\frac{1}{41}$	$\frac{3}{49}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{2009}\ \Phi_{287}$
154729	1920	2883	$\frac{17}{961}$	$\frac{59}{961}$	$\frac{1}{3}$	$\frac{451}{961}$	$\Phi_{2883}\ \Phi_{93}$
154730	1920	2169	$\frac{15}{241}$	$\frac{16}{241}$	$\frac{1}{9}$	$\frac{113}{241}$	$\Phi_{2169}\ \Phi_{723}$
154731	1920	1919	$\frac{51}{1919}$	$\frac{121}{1919}$	$\frac{467}{1919}$	$\frac{899}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154732	1920	1919	$\frac{104}{1919}$	$\frac{121}{1919}$	$\frac{255}{1919}$	$\frac{899}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154733	1920	2405	$\frac{16}{481}$	$\frac{31}{481}$	$\frac{1}{5}$	$\frac{225}{481}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
154734	1920	1919	$\frac{44}{1919}$	$\frac{125}{1919}$	$\frac{511}{1919}$	$\frac{897}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154735	1920	2883	$\frac{16}{961}$	$\frac{63}{961}$	$\frac{1}{3}$	$\frac{449}{961}$	$\Phi_{2883}\ \Phi_{93}$
154736	1920	915	$\frac{1}{61}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{915}^{2}\ \Phi_{305}^{2}\ \Phi_{183}^{3}\ \Phi_{61}^{2}$
154737	1920	1785	$\frac{2}{119}$	$\frac{1}{15}$	$\frac{39}{119}$	$\frac{7}{15}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}^{2}\ \Phi_{105}\ \Phi_{85}\ \Phi_{51}\ \Phi_{35}\ \Phi_{21}\ \Phi_{17}^{2}$ $\Phi_{15}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
154738	1920	2460	$\frac{1}{41}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{820}\ \Phi_{492}\ \Phi_{410}\ \Phi_{246}\ \Phi_{164}^{2}\ \Phi_{82}^{2}$
154739	1920	1785	$\frac{3}{119}$	$\frac{1}{15}$	$\frac{29}{119}$	$\frac{7}{15}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}^{2}\ \Phi_{105}\ \Phi_{85}\ \Phi_{51}\ \Phi_{35}\ \Phi_{21}\ \Phi_{17}^{2}$ $\Phi_{15}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
154740	1920	465	$\frac{1}{31}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{465}^{4}\ \Phi_{155}^{5}\ \Phi_{93}^{4}\ \Phi_{31}^{4}$
154741	1920	1785	$\frac{4}{119}$	$\frac{1}{15}$	$\frac{23}{119}$	$\frac{7}{15}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}^{2}\ \Phi_{105}\ \Phi_{85}\ \Phi_{51}\ \Phi_{35}\ \Phi_{21}\ \Phi_{17}^{2}$ $\Phi_{15}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
154742	1920	150	$\frac{1}{25}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{150}^{16}\ \Phi_{75}^{11}\ \Phi_{50}^{16}\ \Phi_{30}^{13}\ \Phi_{25}^{10}\ \Phi_{15}^{9}\ \Phi_{10}^{13}\ \Phi_{6}^{12}\ \Phi_{5}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{12}\ \Phi_{1}^{8}$
154743	1920	1785	$\frac{5}{119}$	$\frac{1}{15}$	$\frac{19}{119}$	$\frac{7}{15}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}^{2}\ \Phi_{105}\ \Phi_{85}\ \Phi_{51}\ \Phi_{35}\ \Phi_{21}\ \Phi_{17}^{2}$ $\Phi_{15}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
154744	1920	105	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{7}{15}$	$\Phi_{105}^{17}\ \Phi_{35}^{17}\ \Phi_{21}^{23}\ \Phi_{15}^{18}\ \Phi_{7}^{22}\ \Phi_{5}^{18}\ \Phi_{3}^{24}\ \Phi_{1}^{24}$
154745	1920	255	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{2}{17}$	$\frac{7}{15}$	$\Phi_{255}^{7}\ \Phi_{85}^{7}\ \Phi_{51}^{7}\ \Phi_{17}^{14}\ \Phi_{15}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{16}$
154746	1920	720	$\frac{1}{16}$	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{7}{15}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{2}\ \Phi_{180}^{3}\ \Phi_{144}^{4}\ \Phi_{120}^{2}\ \Phi_{90}^{3}\ \Phi_{80}^{2}\ \Phi_{72}^{4}\ \Phi_{60}^{2}\ \Phi_{48}^{3}$ $\Phi_{40}^{2}\ \Phi_{36}^{4}\ \Phi_{30}^{2}\ \Phi_{24}^{3}\ \Phi_{20}^{2}\ \Phi_{18}^{4}\ \Phi_{16}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
154747	1920	1785	$\frac{1}{15}$	$\frac{9}{119}$	$\frac{11}{119}$	$\frac{7}{15}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}\ \Phi_{119}^{2}\ \Phi_{105}\ \Phi_{85}\ \Phi_{51}\ \Phi_{35}\ \Phi_{21}\ \Phi_{17}^{2}$ $\Phi_{15}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
154748	1920	2145	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{7}{15}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{429}\ \Phi_{143}^{2}$
154749	1920	1919	$\frac{32}{1919}$	$\frac{129}{1919}$	$\frac{629}{1919}$	$\frac{895}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154750	1920	1919	$\frac{64}{1919}$	$\frac{129}{1919}$	$\frac{371}{1919}$	$\frac{895}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
154751	1920	5460	$\frac{1}{65}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{5460}\ \Phi_{1092}\ \Phi_{780}\ \Phi_{420}\ \Phi_{195}\ \Phi_{156}\ \Phi_{60}\ \Phi_{39}\ \Phi_{15}$
154752	1920	3556	$\frac{3}{127}$	$\frac{1}{14}$	$\frac{31}{127}$	$\frac{13}{28}$	$\Phi_{3556}\ \Phi_{508}\ \Phi_{127}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
154753	1920	4620	$\frac{1}{33}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{4620}\ \Phi_{1540}\ \Phi_{660}\ \Phi_{420}\ \Phi_{220}\ \Phi_{165}\ \Phi_{60}\ \Phi_{55}\ \Phi_{15}$
154754	1920	3556	$\frac{7}{127}$	$\frac{1}{14}$	$\frac{15}{127}$	$\frac{13}{28}$	$\Phi_{3556}\ \Phi_{508}\ \Phi_{127}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
154755	1920	4284	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{28}$	$\Phi_{4284}\ \Phi_{1428}\ \Phi_{612}\ \Phi_{204}\ \Phi_{153}\ \Phi_{51}$
154756	1920	2037	$\frac{1}{21}$	$\frac{7}{97}$	$\frac{13}{97}$	$\frac{45}{97}$	$\Phi_{2037}\ \Phi_{679}\ \Phi_{291}$
154757	1920	2009	$\frac{1}{49}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{2009}\ \Phi_{287}$
154758	1920	1919	$\frac{103}{1919}$	$\frac{141}{1919}$	$\frac{227}{1919}$	$\frac{889}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154759	1920	2057	$\frac{1}{17}$	$\frac{9}{121}$	$\frac{13}{121}$	$\frac{56}{121}$	$\Phi_{2057}\ \Phi_{187}$
154760	1920	1919	$\frac{43}{1919}$	$\frac{145}{1919}$	$\frac{469}{1919}$	$\frac{887}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154761	1920	1919	$\frac{129}{1919}$	$\frac{145}{1919}$	$\frac{179}{1919}$	$\frac{887}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154762	1920	1235	$\frac{7}{247}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{1235}^2\ \Phi_{95}^2\ \Phi_{65}$
154763	1920	1209	$\frac{1}{31}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{1209}^2\ \Phi_{403}\ \Phi_{93}^2$
154764	1920	2123	$\frac{13}{193}$	$\frac{15}{193}$	$\frac{1}{11}$	$\frac{89}{193}$	Φ_{2123}
154765	1920	1919	$\frac{107}{1919}$	$\frac{151}{1919}$	$\frac{207}{1919}$	$\frac{884}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154766	1920	2169	$\frac{13}{241}$	$\frac{19}{241}$	$\frac{1}{9}$	$\frac{111}{241}$	$\Phi_{2169}\ \Phi_{723}$
154767	1920	1919	$\frac{83}{1919}$	$\frac{153}{1919}$	$\frac{259}{1919}$	$\frac{883}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154768	1920	2310	$\frac{13}{385}$	$\frac{31}{385}$	$\frac{1}{6}$	$\frac{177}{385}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{154}\ \Phi_{110}$ $\Phi_{105}\ \Phi_{70}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
154769	1920	185	$\frac{1}{37}$	$\frac{3}{37}$	$\frac{1}{5}$	$\frac{17}{37}$	$\Phi_{185}^{13}\ \Phi_5^{12}$
154770	1920	1919	$\frac{35}{1919}$	$\frac{157}{1919}$	$\frac{519}{1919}$	$\frac{881}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154771	1920	2013	$\frac{1}{33}$	$\frac{5}{61}$	$\frac{11}{61}$	$\frac{28}{61}$	$\Phi_{2013}\ \Phi_{671}\ \Phi_{183}$
154772	1920	2883	$\frac{13}{961}$	$\frac{79}{961}$	$\frac{1}{3}$	$\frac{441}{961}$	$\Phi_{2883}\ \Phi_{93}$
154773	1920	1919	$\frac{26}{1919}$	$\frac{161}{1919}$	$\frac{631}{1919}$	$\frac{879}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154774	1920	1919	$\frac{65}{1919}$	$\frac{161}{1919}$	$\frac{309}{1919}$	$\frac{879}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154775	1920	2025	$\frac{1}{25}$	$\frac{7}{81}$	$\frac{11}{81}$	$\frac{37}{81}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{405}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}\ \Phi_{45}\ \Phi_{15}$
154776	1920	1919	$\frac{87}{1919}$	$\frac{169}{1919}$	$\frac{229}{1919}$	$\frac{875}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154777	1920	101	$\frac{5}{101}$	$\frac{9}{101}$	$\frac{11}{101}$	$\frac{46}{101}$	$\Phi_{101}^{19}\ \Phi_1^{20}$
154778	1920	891	$\frac{1}{81}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{99}^2\ \Phi_{81}^4\ \Phi_{33}\ \Phi_{27}^4\ \Phi_{11}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
154779	1920	671	$\frac{1}{61}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{671}^3\ \Phi_{61}^2$
154780	1920	583	$\frac{1}{53}$	$\frac{1}{11}$	$\frac{13}{53}$	$\frac{5}{11}$	$\Phi_{583}^3\ \Phi_{53}^6\ \Phi_{11}^4\ \Phi_1^8$
154781	1920	2255	$\frac{1}{41}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{2255}\ \Phi_{205}^2$
154782	1920	1749	$\frac{4}{159}$	$\frac{1}{11}$	$\frac{31}{159}$	$\frac{5}{11}$	$\Phi_{1749}\ \Phi_{583}\ \Phi_{159}^2\ \Phi_{53}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
154783	1920	66	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{66}^{35}\ \Phi_{33}^{23}\ \Phi_{22}^{35}\ \Phi_{11}^{24}\ \Phi_6^{34}\ \Phi_3^{22}\ \Phi_2^{34}\ \Phi_1^{24}$
154784	1920	1749	$\frac{7}{159}$	$\frac{1}{11}$	$\frac{19}{159}$	$\frac{5}{11}$	$\Phi_{1749}\ \Phi_{583}\ \Phi_{159}^2\ \Phi_{53}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_3^2\ \Phi_1^4$
154785	1920	693	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{11}$	$\Phi_{693}^3\ \Phi_{231}^2\ \Phi_{99}^2\ \Phi_{77}^2\ \Phi_{63}^6\ \Phi_{33}\ \Phi_{21}^4\ \Phi_{11}^2\ \Phi_9^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
154786	1920	583	$\frac{3}{53}$	$\frac{1}{11}$	$\frac{5}{53}$	$\frac{5}{11}$	$\Phi_{583}^3\ \Phi_{53}^6\ \Phi_{11}^4\ \Phi_1^8$
154787	1920	187	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{187}^{11}\ \Phi_{17}^{10}$
154788	1920	1919	$\frac{131}{1919}$	$\frac{149}{1919}$	$\frac{177}{1919}$	$\frac{871}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154789	1920	2093	$\frac{11}{161}$	$\frac{1}{13}$	$\frac{15}{161}$	$\frac{73}{161}$	$\Phi_{2093}\ \Phi_{299}\ \Phi_{91}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
154790	1920	1919	$\frac{35}{1919}$	$\frac{181}{1919}$	$\frac{471}{1919}$	$\frac{869}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154791	1920	1919	$\frac{109}{1919}$	$\frac{175}{1919}$	$\frac{181}{1919}$	$\frac{869}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154792	1920	2169	$\frac{11}{241}$	$\frac{23}{241}$	$\frac{1}{9}$	$\frac{109}{241}$	$\Phi_{2169}\ \Phi_{723}$
154793	1920	1919	$\frac{69}{1919}$	$\frac{185}{1919}$	$\frac{263}{1919}$	$\frac{867}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154794	1920	2247	$\frac{11}{321}$	$\frac{31}{321}$	$\frac{1}{7}$	$\frac{145}{321}$	$\Phi_{2247}\ \Phi_{749}\ \Phi_{21}$
154795	1920	1050	$\frac{1}{35}$	$\frac{17}{175}$	$\frac{1}{6}$	$\frac{79}{175}$	$\Phi_{1050}^{2}\ \Phi_{525}^{2}\ \Phi_{350}^{2}\ \Phi_{210}^{3}\ \Phi_{150}^{2}\ \Phi_{105}^{3}\ \Phi_{75}^{2}\ \Phi_{70}^{3}\ \Phi_{50}^{2}\ \Phi_{42}^{3}\ \Phi_{30}^{3}\ \Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{14}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
154796	1920	1919	$\frac{49}{1919}$	$\frac{187}{1919}$	$\frac{351}{1919}$	$\frac{866}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154797	1920	2405	$\frac{11}{481}$	$\frac{47}{481}$	$\frac{1}{5}$	$\frac{217}{481}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
154798	1920	2564	$\frac{11}{641}$	$\frac{63}{641}$	$\frac{1}{4}$	$\frac{289}{641}$	$\Phi_{2564}\ \Phi_{1282}$
154799	1920	1919	$\frac{29}{1919}$	$\frac{189}{1919}$	$\frac{527}{1919}$	$\frac{865}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154800	1920	2883	$\frac{11}{961}$	$\frac{95}{961}$	$\frac{1}{3}$	$\frac{433}{961}$	$\Phi_{2883}\ \Phi_{93}$
154801	1920	1919	$\frac{44}{1919}$	$\frac{193}{1919}$	$\frac{375}{1919}$	$\frac{863}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154802	1920	2009	$\frac{1}{41}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{2009}\ \Phi_{287}$
154803	1920	1919	$\frac{53}{1919}$	$\frac{201}{1919}$	$\frac{311}{1919}$	$\frac{859}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154804	1920	2015	$\frac{1}{31}$	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{29}{65}$	$\Phi_{2015}\ \Phi_{403}\ \Phi_{155}$
154805	1920	1919	$\frac{71}{1919}$	$\frac{211}{1919}$	$\frac{231}{1919}$	$\frac{854}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154806	1920	873	$\frac{1}{97}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{873}^{2}\ \Phi_{291}^{3}\ \Phi_{97}^{2}$
154807	1920	1719	$\frac{2}{191}$	$\frac{1}{9}$	$\frac{63}{191}$	$\frac{4}{9}$	$\Phi_{1719}\ \Phi_{573}\ \Phi_{191}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
154808	1920	2340	$\frac{1}{65}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{468}\ \Phi_{390}\ \Phi_{260}^{2}\ \Phi_{234}\ \Phi_{180}\ \Phi_{156}\ \Phi_{130}^{2}\ \Phi_{90}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}^{2}\ \Phi_{30}\ \Phi_{26}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
154809	1920	1719	$\frac{3}{191}$	$\frac{1}{9}$	$\frac{47}{191}$	$\frac{4}{9}$	$\Phi_{1719}\ \Phi_{573}\ \Phi_{191}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
154810	1920	2205	$\frac{1}{49}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{315}\ \Phi_{245}^{2}\ \Phi_{105}\ \Phi_{35}^{2}$
154811	1920	1719	$\frac{5}{191}$	$\frac{1}{9}$	$\frac{31}{191}$	$\frac{4}{9}$	$\Phi_{1719}\ \Phi_{573}\ \Phi_{191}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
154812	1920	693	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{693}^{3}\ \Phi_{231}^{4}\ \Phi_{77}^{4}\ \Phi_{63}^{2}\ \Phi_{21}^{3}\ \Phi_{7}^{2}$
154813	1920	1719	$\frac{7}{191}$	$\frac{1}{9}$	$\frac{23}{191}$	$\frac{4}{9}$	$\Phi_{1719}\ \Phi_{573}\ \Phi_{191}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
154814	1920	225	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{225}^{9}\ \Phi_{75}^{9}\ \Phi_{45}^{9}\ \Phi_{25}^{8}\ \Phi_{15}^{9}\ \Phi_{5}^{8}$
154815	1920	1719	$\frac{11}{191}$	$\frac{15}{191}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1719}\ \Phi_{573}\ \Phi_{191}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
154816	1920	1989	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1989}\ \Phi_{663}\ \Phi_{221}^{2}$
154817	1920	1919	$\frac{89}{1919}$	$\frac{183}{1919}$	$\frac{217}{1919}$	$\frac{851}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154818	1920	2037	$\frac{1}{21}$	$\frac{9}{97}$	$\frac{11}{97}$	$\frac{43}{97}$	$\Phi_{2037}\ \Phi_{679}\ \Phi_{291}$
154819	1920	1919	$\frac{107}{1919}$	$\frac{151}{1919}$	$\frac{221}{1919}$	$\frac{849}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154820	1920	688	$\frac{1}{16}$	$\frac{3}{43}$	$\frac{5}{43}$	$\frac{19}{43}$	$\Phi_{688}^{3}\ \Phi_{344}^{3}\ \Phi_{172}^{3}\ \Phi_{86}^{3}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
154821	1920	1919	$\frac{119}{1919}$	$\frac{134}{1919}$	$\frac{225}{1919}$	$\frac{847}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154822	1920	2093	$\frac{9}{161}$	$\frac{1}{13}$	$\frac{19}{161}$	$\frac{71}{161}$	$\Phi_{2093}\ \Phi_{299}\ \Phi_{91}$
154823	1920	2123	$\frac{9}{193}$	$\frac{1}{11}$	$\frac{23}{193}$	$\frac{85}{193}$	Φ_{2123}
154824	1920	1919	$\frac{87}{1919}$	$\frac{179}{1919}$	$\frac{229}{1919}$	$\frac{845}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154825	1920	2025	$\frac{1}{81}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{405}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}\ \Phi_{45}\ \Phi_{15}$
154826	1920	2169	$\frac{9}{241}$	$\frac{1}{9}$	$\frac{29}{241}$	$\frac{106}{241}$	$\Phi_{2169}\ \Phi_{723}$
154827	1920	1919	$\frac{71}{1919}$	$\frac{215}{1919}$	$\frac{231}{1919}$	$\frac{844}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
154828	1920	1919	$\frac{55}{1919}$	$\frac{233}{1919}$	$\frac{269}{1919}$	$\frac{843}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154829	1920	749	$\frac{3}{107}$	$\frac{13}{107}$	$\frac{1}{7}$	$\frac{47}{107}$	$\Phi_{749}^3\ \Phi_7^2$
154830	1920	2310	$\frac{9}{385}$	$\frac{47}{385}$	$\frac{1}{6}$	$\frac{169}{385}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{154}\ \Phi_{110}$ $\Phi_{105}\ \Phi_{70}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
154831	1920	1919	$\frac{39}{1919}$	$\frac{235}{1919}$	$\frac{359}{1919}$	$\frac{842}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154832	1920	2405	$\frac{9}{481}$	$\frac{59}{481}$	$\frac{1}{5}$	$\frac{211}{481}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
154833	1920	2564	$\frac{9}{641}$	$\frac{79}{641}$	$\frac{1}{4}$	$\frac{281}{641}$	$\Phi_{2564}\ \Phi_{1282}$
154834	1920	1919	$\frac{23}{1919}$	$\frac{237}{1919}$	$\frac{539}{1919}$	$\frac{841}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154835	1920	2883	$\frac{9}{961}$	$\frac{119}{961}$	$\frac{1}{3}$	$\frac{421}{961}$	$\Phi_{2883}\ \Phi_{93}$
154836	1920	1919	$\frac{27}{1919}$	$\frac{241}{1919}$	$\frac{473}{1919}$	$\frac{839}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154837	1920	1919	$\frac{17}{1919}$	$\frac{257}{1919}$	$\frac{634}{1919}$	$\frac{831}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154838	1920	1919	$\frac{34}{1919}$	$\frac{257}{1919}$	$\frac{377}{1919}$	$\frac{831}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154839	1920	2541	$\frac{1}{121}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{2541}\ \Phi_{363}^2\ \Phi_{231}\ \Phi_{33}^2$
154840	1920	1673	$\frac{2}{239}$	$\frac{1}{7}$	$\frac{79}{239}$	$\frac{3}{7}$	$\Phi_{1673}\ \Phi_{239}^2\ \Phi_7^2\ \Phi_1^4$
154841	1920	679	$\frac{1}{97}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{679}^3\ \Phi_{97}^2$
154842	1920	2268	$\frac{1}{81}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{378}\ \Phi_{324}^2\ \Phi_{252}\ \Phi_{162}^2\ \Phi_{126}\ \Phi_{108}^2\ \Phi_{84}$ $\Phi_{54}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
154843	1920	1673	$\frac{3}{239}$	$\frac{1}{7}$	$\frac{59}{239}$	$\frac{3}{7}$	$\Phi_{1673}\ \Phi_{239}^2\ \Phi_7^2\ \Phi_1^4$
154844	1920	2135	$\frac{1}{61}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{2135}\ \Phi_{305}^2$
154845	1920	1673	$\frac{4}{239}$	$\frac{1}{7}$	$\frac{47}{239}$	$\frac{3}{7}$	$\Phi_{1673}\ \Phi_{239}^2\ \Phi_7^2\ \Phi_1^4$
154846	1920	294	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{294}^8\ \Phi_{147}^8\ \Phi_{98}^8\ \Phi_{42}^7\ \Phi_{21}^7\ \Phi_{14}^7\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6$
154847	1920	1673	$\frac{5}{239}$	$\frac{1}{7}$	$\frac{39}{239}$	$\frac{3}{7}$	$\Phi_{1673}\ \Phi_{239}^2\ \Phi_7^2\ \Phi_1^4$
154848	1920	287	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{287}^7\ \Phi_{41}^6$
154849	1920	1673	$\frac{7}{239}$	$\frac{29}{239}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1673}\ \Phi_{239}^2\ \Phi_7^2\ \Phi_1^4$
154850	1920	1953	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{279}^2\ \Phi_{93}^2$
154851	1920	1673	$\frac{9}{239}$	$\frac{23}{239}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1673}\ \Phi_{239}^2\ \Phi_7^2\ \Phi_1^4$
154852	1920	1925	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1925}\ \Phi_{385}\ \Phi_{275}^2\ \Phi_{55}^2$
154853	1920	1673	$\frac{11}{239}$	$\frac{19}{239}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1673}\ \Phi_{239}^2\ \Phi_7^2\ \Phi_1^4$
154854	1920	273	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{273}^8\ \Phi_{91}^7\ \Phi_{39}^8\ \Phi_{13}^6$
154855	1920	1673	$\frac{14}{239}$	$\frac{15}{239}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1673}\ \Phi_{239}^2\ \Phi_7^2\ \Phi_1^4$
154856	1920	1904	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{272}^2\ \Phi_{238}\ \Phi_{136}^2\ \Phi_{68}^2\ \Phi_{34}^2$
154857	1920	1919	$\frac{55}{1919}$	$\frac{233}{1919}$	$\frac{281}{1919}$	$\frac{819}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154858	1920	2013	$\frac{1}{33}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{26}{61}$	$\Phi_{2013}\ \Phi_{671}\ \Phi_{183}$
154859	1920	1919	$\frac{23}{1919}$	$\frac{289}{1919}$	$\frac{474}{1919}$	$\frac{815}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154860	1920	1919	$\frac{69}{1919}$	$\frac{185}{1919}$	$\frac{289}{1919}$	$\frac{815}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154861	1920	2037	$\frac{1}{21}$	$\frac{7}{97}$	$\frac{15}{97}$	$\frac{41}{97}$	$\Phi_{2037}\ \Phi_{679}\ \Phi_{291}$
154862	1920	1919	$\frac{111}{1919}$	$\frac{113}{1919}$	$\frac{301}{1919}$	$\frac{809}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154863	1920	2057	$\frac{7}{121}$	$\frac{1}{17}$	$\frac{19}{121}$	$\frac{51}{121}$	$\Phi_{2057}\ \Phi_{187}$
154864	1920	171	$\frac{1}{19}$	$\frac{11}{171}$	$\frac{3}{19}$	$\frac{8}{19}$	$\Phi_{171}^{12}\ \Phi_{57}^{12}\ \Phi_{19}^5\ \Phi_9^{12}\ \Phi_3^{12}\ \Phi_1^6$
154865	1920	1919	$\frac{89}{1919}$	$\frac{139}{1919}$	$\frac{305}{1919}$	$\frac{807}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154866	1920	897	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{11}{69}$	$\frac{29}{69}$	$\Phi_{897}^2\ \Phi_{299}^3\ \Phi_{39}^2\ \Phi_{13}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
154867	1920	2123	$\frac{7}{193}$	$\frac{1}{11}$	$\frac{31}{193}$	$\frac{81}{193}$	Φ_{2123}
154868	1920	2015	$\frac{1}{65}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{2015}\ \Phi_{403}\ \Phi_{155}$
154869	1920	2169	$\frac{7}{241}$	$\frac{1}{9}$	$\frac{39}{241}$	$\frac{101}{241}$	$\Phi_{2169}\ \Phi_{723}$
154870	1920	1919	$\frac{53}{1919}$	$\frac{223}{1919}$	$\frac{311}{1919}$	$\frac{804}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154871	1920	1919	$\frac{41}{1919}$	$\frac{279}{1919}$	$\frac{313}{1919}$	$\frac{803}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154872	1920	330	$\frac{1}{55}$	$\frac{9}{55}$	$\frac{1}{6}$	$\frac{23}{55}$	$\Phi_{330}^{7}\ \Phi_{165}^{7}\ \Phi_{110}^{7}\ \Phi_{66}^{7}\ \Phi_{33}^{7}\ \Phi_{30}^{7}\ \Phi_{22}^{7}\ \Phi_{15}^{7}\ \Phi_{10}^{7}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}$
154873	1920	2405	$\frac{7}{481}$	$\frac{79}{481}$	$\frac{1}{5}$	$\frac{201}{481}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
154874	1920	1919	$\frac{17}{1919}$	$\frac{317}{1919}$	$\frac{559}{1919}$	$\frac{801}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154875	1920	2883	$\frac{7}{961}$	$\frac{159}{961}$	$\frac{1}{3}$	$\frac{401}{961}$	$\Phi_{2883}\ \Phi_{93}$
154876	1920	1919	$\frac{14}{1919}$	$\frac{321}{1919}$	$\frac{635}{1919}$	$\frac{799}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154877	1920	1919	$\frac{35}{1919}$	$\frac{314}{1919}$	$\frac{321}{1919}$	$\frac{799}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154878	1920	2009	$\frac{1}{49}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{2009}\ \Phi_{287}$
154879	1920	1919	$\frac{47}{1919}$	$\frac{234}{1919}$	$\frac{337}{1919}$	$\frac{791}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154880	1920	2057	$\frac{1}{121}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{2057}\ \Phi_{187}$
154881	1920	2013	$\frac{1}{33}$	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{25}{61}$	$\Phi_{2013}\ \Phi_{671}\ \Phi_{183}$
154882	1920	1919	$\frac{71}{1919}$	$\frac{154}{1919}$	$\frac{353}{1919}$	$\frac{783}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154883	1920	675	$\frac{1}{25}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{675}^{3}\ \Phi_{225}^{3}\ \Phi_{135}^{3}\ \Phi_{75}^{3}\ \Phi_{45}^{3}\ \Phi_{25}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
154884	1920	101	$\frac{1}{101}$	$\frac{19}{101}$	$\frac{25}{101}$	$\frac{41}{101}$	$\Phi_{101}^{19}\ \Phi_{1}^{20}$
154885	1920	101	$\frac{5}{101}$	$\frac{6}{101}$	$\frac{19}{101}$	$\frac{41}{101}$	$\Phi_{101}^{19}\ \Phi_{1}^{20}$
154886	1920	323	$\frac{1}{19}$	$\frac{18}{323}$	$\frac{61}{323}$	$\frac{131}{323}$	$\Phi_{323}^{6}\ \Phi_{19}^{5}\ \Phi_{17}^{6}\ \Phi_{1}^{6}$
154887	1920	2057	$\frac{6}{121}$	$\frac{1}{17}$	$\frac{23}{121}$	$\frac{49}{121}$	$\Phi_{2057}\ \Phi_{187}$
154888	1920	1919	$\frac{74}{1919}$	$\frac{143}{1919}$	$\frac{369}{1919}$	$\frac{775}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154889	1920	2093	$\frac{6}{161}$	$\frac{1}{13}$	$\frac{31}{161}$	$\frac{65}{161}$	$\Phi_{2093}\ \Phi_{299}\ \Phi_{91}$
154890	1920	1919	$\frac{54}{1919}$	$\frac{191}{1919}$	$\frac{373}{1919}$	$\frac{773}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154891	1920	2169	$\frac{6}{241}$	$\frac{1}{9}$	$\frac{47}{241}$	$\frac{97}{241}$	$\Phi_{2169}\ \Phi_{723}$
154892	1920	749	$\frac{2}{107}$	$\frac{1}{7}$	$\frac{21}{107}$	$\frac{43}{107}$	$\Phi_{749}^{3}\ \Phi_{7}^{2}$
154893	1920	1919	$\frac{34}{1919}$	$\frac{287}{1919}$	$\frac{377}{1919}$	$\frac{771}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154894	1920	1919	$\frac{24}{1919}$	$\frac{379}{1919}$	$\frac{383}{1919}$	$\frac{770}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154895	1920	2405	$\frac{6}{481}$	$\frac{95}{481}$	$\frac{1}{5}$	$\frac{193}{481}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
154896	1920	2564	$\frac{6}{641}$	$\frac{127}{641}$	$\frac{1}{4}$	$\frac{257}{641}$	$\Phi_{2564}\ \Phi_{1282}$
154897	1920	1919	$\frac{14}{1919}$	$\frac{381}{1919}$	$\frac{575}{1919}$	$\frac{769}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154898	1920	2883	$\frac{6}{961}$	$\frac{191}{961}$	$\frac{1}{3}$	$\frac{385}{961}$	$\Phi_{2883}\ \Phi_{93}$
154899	1920	2415	$\frac{1}{161}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{2415}\ \Phi_{483}^{2}\ \Phi_{345}\ \Phi_{105}\ \Phi_{69}^{2}\ \Phi_{21}^{2}$
154900	1920	1595	$\frac{3}{319}$	$\frac{1}{5}$	$\frac{79}{319}$	$\frac{2}{5}$	$\Phi_{1595}\ \Phi_{319}^{2}\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
154901	1920	405	$\frac{1}{81}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{405}^{5}\ \Phi_{135}^{5}\ \Phi_{81}^{4}\ \Phi_{45}^{5}\ \Phi_{27}^{4}\ \Phi_{15}^{5}\ \Phi_{9}^{4}\ \Phi_{3}^{4}$
154902	1920	1595	$\frac{4}{319}$	$\frac{63}{319}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1595}\ \Phi_{319}^{2}\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
154903	1920	390	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{390}^{6}\ \Phi_{195}^{6}\ \Phi_{130}^{6}\ \Phi_{78}^{6}\ \Phi_{39}^{6}\ \Phi_{30}^{5}\ \Phi_{26}^{6}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
154904	1920	1595	$\frac{7}{319}$	$\frac{39}{319}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1595}\ \Phi_{319}^{2}\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
154905	1920	1845	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{369}^{2}\ \Phi_{123}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
154906	1920	1595	$\frac{9}{319}$	$\frac{31}{319}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1595}\ \Phi_{319}^2\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
154907	1920	165	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{165}^{10}\ \Phi_{55}^9\ \Phi_{33}^{20}\ \Phi_{15}^{10}\ \Phi_{11}^{18}\ \Phi_5^{10}\ \Phi_3^{20}\ \Phi_1^{20}$
154908	1920	1085	$\frac{1}{31}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1085}^2\ \Phi_{217}^2\ \Phi_{155}$
154909	1920	435	$\frac{1}{29}$	$\frac{7}{87}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{435}^4\ \Phi_{145}^3\ \Phi_{87}^8\ \Phi_{29}^6\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^8\ \Phi_1^8$
154910	1920	1595	$\frac{15}{319}$	$\frac{19}{319}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1595}\ \Phi_{319}^2\ \Phi_{145}\ \Phi_{55}\ \Phi_{29}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
154911	1920	1785	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}^2\ \Phi_{255}\ \Phi_{119}^2\ \Phi_{51}^2$
154912	1920	1919	$\frac{24}{1919}$	$\frac{379}{1919}$	$\frac{385}{1919}$	$\frac{767}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154913	1920	1919	$\frac{29}{1919}$	$\frac{315}{1919}$	$\frac{401}{1919}$	$\frac{759}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154914	1920	2013	$\frac{1}{61}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{2013}\ \Phi_{671}\ \Phi_{183}$
154915	1920	1919	$\frac{39}{1919}$	$\frac{235}{1919}$	$\frac{421}{1919}$	$\frac{749}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154916	1920	2009	$\frac{1}{49}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{2009}\ \Phi_{287}$
154917	1920	2009	$\frac{1}{41}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{2009}\ \Phi_{287}$
154918	1920	1919	$\frac{49}{1919}$	$\frac{187}{1919}$	$\frac{433}{1919}$	$\frac{743}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154919	1920	1919	$\frac{59}{1919}$	$\frac{155}{1919}$	$\frac{441}{1919}$	$\frac{739}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154920	1920	2093	$\frac{1}{161}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{2093}\ \Phi_{299}\ \Phi_{91}$
154921	1920	403	$\frac{1}{31}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{403}^5\ \Phi_{31}^4$
154922	1920	1919	$\frac{74}{1919}$	$\frac{123}{1919}$	$\frac{449}{1919}$	$\frac{735}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154923	1920	2025	$\frac{1}{25}$	$\frac{5}{81}$	$\frac{19}{81}$	$\frac{31}{81}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{405}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}\ \Phi_{45}\ \Phi_{15}$
154924	1920	1919	$\frac{79}{1919}$	$\frac{115}{1919}$	$\frac{451}{1919}$	$\frac{734}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154925	1920	2037	$\frac{1}{21}$	$\frac{5}{97}$	$\frac{23}{97}$	$\frac{37}{97}$	$\Phi_{2037}\ \Phi_{679}\ \Phi_{291}$
154926	1920	1919	$\frac{91}{1919}$	$\frac{99}{1919}$	$\frac{457}{1919}$	$\frac{731}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154927	1920	2057	$\frac{5}{121}$	$\frac{1}{17}$	$\frac{29}{121}$	$\frac{46}{121}$	$\Phi_{2057}\ \Phi_{187}$
154928	1920	1919	$\frac{75}{1919}$	$\frac{119}{1919}$	$\frac{461}{1919}$	$\frac{729}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154929	1920	2064	$\frac{5}{129}$	$\frac{1}{16}$	$\frac{31}{129}$	$\frac{49}{129}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{688}\ \Phi_{516}\ \Phi_{344}\ \Phi_{258}\ \Phi_{172}\ \Phi_{86}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
154930	1920	2093	$\frac{5}{161}$	$\frac{1}{13}$	$\frac{39}{161}$	$\frac{61}{161}$	$\Phi_{2093}\ \Phi_{299}\ \Phi_{91}$
154931	1920	1919	$\frac{59}{1919}$	$\frac{149}{1919}$	$\frac{465}{1919}$	$\frac{727}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154932	1920	2123	$\frac{5}{193}$	$\frac{1}{11}$	$\frac{47}{193}$	$\frac{73}{193}$	Φ_{2123}
154933	1920	1919	$\frac{43}{1919}$	$\frac{199}{1919}$	$\frac{469}{1919}$	$\frac{725}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154934	1920	2169	$\frac{5}{241}$	$\frac{1}{9}$	$\frac{59}{241}$	$\frac{91}{241}$	$\Phi_{2169}\ \Phi_{723}$
154935	1920	1919	$\frac{35}{1919}$	$\frac{239}{1919}$	$\frac{471}{1919}$	$\frac{724}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154936	1920	2247	$\frac{5}{321}$	$\frac{1}{7}$	$\frac{79}{321}$	$\frac{121}{321}$	$\Phi_{2247}\ \Phi_{749}\ \Phi_{21}$
154937	1920	1919	$\frac{27}{1919}$	$\frac{299}{1919}$	$\frac{473}{1919}$	$\frac{723}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154938	1920	462	$\frac{1}{77}$	$\frac{1}{6}$	$\frac{19}{77}$	$\frac{29}{77}$	$\Phi_{462}^5\ \Phi_{231}^5\ \Phi_{154}^5\ \Phi_{66}^5\ \Phi_{42}^5\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$
154939	1920	2405	$\frac{5}{481}$	$\frac{1}{5}$	$\frac{119}{481}$	$\frac{181}{481}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
154940	1920	101	$\frac{1}{101}$	$\frac{21}{101}$	$\frac{25}{101}$	$\frac{38}{101}$	$\Phi_{101}^{19}\ \Phi_1^{20}$
154941	1920	2564	$\frac{5}{641}$	$\frac{159}{641}$	$\frac{1}{4}$	$\frac{241}{641}$	$\Phi_{2564}\ \Phi_{1282}$
154942	1920	1919	$\frac{11}{1919}$	$\frac{477}{1919}$	$\frac{599}{1919}$	$\frac{721}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
154943	1920	2883	$\frac{5}{961}$	$\frac{239}{961}$	$\frac{1}{3}$	$\frac{361}{961}$	$\Phi_{2883}\ \Phi_{93}$
154944	1920	4632	$\frac{1}{193}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{4632}\ \Phi_{579}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
154945	1920	3064	$\frac{2}{383}$	$\frac{1}{4}$	$\frac{127}{383}$	$\frac{3}{8}$	$\Phi_{3064}\ \Phi_{383}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
154946	1920	1032	$\frac{1}{129}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1032}^{3}\ \Phi_{516}\ \Phi_{344}^{3}\ \Phi_{258}\ \Phi_{172}\ \Phi_{86}\ \Phi_{24}^{3}\ \Phi_{12}\ \Phi_{6}$
154947	1920	3064	$\frac{3}{383}$	$\frac{95}{383}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3064}\ \Phi_{383}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
154948	1920	3880	$\frac{1}{97}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3880}\ \Phi_{485}$
154949	1920	3064	$\frac{5}{383}$	$\frac{63}{383}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3064}\ \Phi_{383}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
154950	1920	3640	$\frac{1}{65}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{455}\ \Phi_{280}\ \Phi_{91}\ \Phi_{35}$
154951	1920	3064	$\frac{7}{383}$	$\frac{47}{383}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3064}\ \Phi_{383}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
154952	1920	3528	$\frac{1}{49}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{441}\ \Phi_{168}\ \Phi_{147}\ \Phi_{63}\ \Phi_{21}$
154953	1920	3064	$\frac{11}{383}$	$\frac{31}{383}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3064}\ \Phi_{383}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
154954	1920	3432	$\frac{1}{33}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{429}\ \Phi_{312}\ \Phi_{143}\ \Phi_{39}$
154955	1920	3064	$\frac{15}{383}$	$\frac{23}{383}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3064}\ \Phi_{383}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
154956	1920	3400	$\frac{1}{25}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3400}\ \Phi_{680}\ \Phi_{425}\ \Phi_{85}$
154957	1920	1919	$\frac{15}{1919}$	$\frac{476}{1919}$	$\frac{481}{1919}$	$\frac{719}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154958	1920	323	$\frac{3}{323}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{323}^{6}\ \Phi_{19}^{5}\ \Phi_{17}^{6}\ \Phi_{1}^{6}$
154959	1920	101	$\frac{1}{101}$	$\frac{20}{101}$	$\frac{27}{101}$	$\frac{37}{101}$	$\Phi_{101}^{19}\ \Phi_{1}^{20}$
154960	1920	2025	$\frac{1}{81}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{405}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}\ \Phi_{45}\ \Phi_{15}$
154961	1920	2015	$\frac{1}{65}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{2015}\ \Phi_{403}\ \Phi_{155}$
154962	1920	1919	$\frac{31}{1919}$	$\frac{236}{1919}$	$\frac{561}{1919}$	$\frac{679}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154963	1920	1919	$\frac{39}{1919}$	$\frac{188}{1919}$	$\frac{577}{1919}$	$\frac{671}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154964	1920	2009	$\frac{1}{41}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{2009}\ \Phi_{287}$
154965	1920	2013	$\frac{1}{33}$	$\frac{4}{61}$	$\frac{19}{61}$	$\frac{21}{61}$	$\Phi_{2013}\ \Phi_{671}\ \Phi_{183}$
154966	1920	1919	$\frac{63}{1919}$	$\frac{116}{1919}$	$\frac{601}{1919}$	$\frac{659}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154967	1920	1919	$\frac{79}{1919}$	$\frac{92}{1919}$	$\frac{609}{1919}$	$\frac{655}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154968	1920	2037	$\frac{4}{97}$	$\frac{1}{21}$	$\frac{31}{97}$	$\frac{33}{97}$	$\Phi_{2037}\ \Phi_{679}\ \Phi_{291}$
154969	1920	2057	$\frac{4}{121}$	$\frac{1}{17}$	$\frac{39}{121}$	$\frac{41}{121}$	$\Phi_{2057}\ \Phi_{187}$
154970	1920	1919	$\frac{56}{1919}$	$\frac{127}{1919}$	$\frac{621}{1919}$	$\frac{649}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154971	1920	1919	$\frac{44}{1919}$	$\frac{159}{1919}$	$\frac{625}{1919}$	$\frac{647}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154972	1920	2123	$\frac{4}{193}$	$\frac{1}{11}$	$\frac{63}{193}$	$\frac{65}{193}$	Φ_{2123}
154973	1920	2169	$\frac{4}{241}$	$\frac{1}{9}$	$\frac{79}{241}$	$\frac{81}{241}$	$\Phi_{2169}\ \Phi_{723}$
154974	1920	1919	$\frac{26}{1919}$	$\frac{255}{1919}$	$\frac{631}{1919}$	$\frac{644}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154975	1920	1919	$\frac{20}{1919}$	$\frac{319}{1919}$	$\frac{633}{1919}$	$\frac{643}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154976	1920	2310	$\frac{4}{385}$	$\frac{1}{6}$	$\frac{127}{385}$	$\frac{129}{385}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{154}\ \Phi_{110}\ \Phi_{105}\ \Phi_{70}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
154977	1920	2405	$\frac{4}{481}$	$\frac{1}{5}$	$\frac{159}{481}$	$\frac{161}{481}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
154978	1920	1919	$\frac{8}{1919}$	$\frac{637}{1919}$	$\frac{639}{1919}$	$\frac{641}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
154979	1920	2883	$\frac{4}{961}$	$\frac{319}{961}$	$\frac{1}{3}$	$\frac{321}{961}$	$\Phi_{2883}\ \Phi_{93}$
154980	1920	723	$\frac{1}{241}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{723}^{3}\ \Phi_{241}^{2}$
154981	1920	1437	$\frac{2}{479}$	$\frac{159}{479}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1437}\ \Phi_{479}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
154982	1920	1932	$\frac{1}{161}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}^{2}\ \Phi_{322}^{2}\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}^{2}\ \Phi_{84}\ \Phi_{46}^{2}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
154983	1920	1437	$\frac{3}{479}$	$\frac{119}{479}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1437}\ \Phi_{479}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
154984	1920	1815	$\frac{1}{121}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1815}\ \Phi_{605}^2\ \Phi_{165}\ \Phi_{55}^2$
154985	1920	1437	$\frac{4}{479}$	$\frac{95}{479}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1437}\ \Phi_{479}^2\ \Phi_3^2\ \Phi_1^4$
154986	1920	582	$\frac{1}{97}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{582}^4\ \Phi_{291}^3\ \Phi_{194}^4\ \Phi_{97}^2$
154987	1920	1437	$\frac{5}{479}$	$\frac{79}{479}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1437}\ \Phi_{479}^2\ \Phi_3^2\ \Phi_1^4$
154988	1920	567	$\frac{1}{81}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{567}^4\ \Phi_{189}^4\ \Phi_{63}^4\ \Phi_{21}^3\ \Phi_7^2$
154989	1920	1437	$\frac{7}{479}$	$\frac{59}{479}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1437}\ \Phi_{479}^2\ \Phi_3^2\ \Phi_1^4$
154990	1920	549	$\frac{1}{61}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{549}^4\ \Phi_{183}^3\ \Phi_{61}^2$
154991	1920	1437	$\frac{9}{479}$	$\frac{47}{479}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1437}\ \Phi_{479}^2\ \Phi_3^2\ \Phi_1^4$
154992	1920	1617	$\frac{1}{49}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1617}\ \Phi_{539}^2\ \Phi_{231}\ \Phi_{77}^2$
154993	1920	1437	$\frac{11}{479}$	$\frac{39}{479}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1437}\ \Phi_{479}^2\ \Phi_3^2\ \Phi_1^4$
154994	1920	1599	$\frac{1}{41}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1599}\ \Phi_{533}^2$
154995	1920	1437	$\frac{14}{479}$	$\frac{31}{479}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1437}\ \Phi_{479}^2\ \Phi_3^2\ \Phi_1^4$
154996	1920	528	$\frac{1}{33}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{176}^4\ \Phi_{132}^4\ \Phi_{88}^4\ \Phi_{66}^4\ \Phi_{48}^3\ \Phi_{44}^4\ \Phi_{24}^3\ \Phi_{22}^4\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
154997	1920	1437	$\frac{15}{479}$	$\frac{29}{479}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1437}\ \Phi_{479}^2\ \Phi_3^2\ \Phi_1^4$
154998	1920	1581	$\frac{1}{31}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1581}\ \Phi_{527}^2$
154999	1920	1437	$\frac{19}{479}$	$\frac{23}{479}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1437}\ \Phi_{479}^2\ \Phi_3^2\ \Phi_1^4$
155000	1920	525	$\frac{1}{25}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{525}^4\ \Phi_{175}^4\ \Phi_{105}^4\ \Phi_{75}^3\ \Phi_{35}^4\ \Phi_{25}^2\ \Phi_{15}^3\ \Phi_5^2$
155001	1920	3585	$\frac{2}{239}$	$\frac{1}{5}$	$\frac{79}{239}$	$\frac{1}{3}$	$\Phi_{3585}\ \Phi_{15}^2$
155002	1920	2883	$\frac{10}{961}$	$\frac{161}{961}$	$\frac{317}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155003	1920	1146	$\frac{2}{191}$	$\frac{1}{6}$	$\frac{63}{191}$	$\frac{1}{3}$	$\Phi_{1146}^2\ \Phi_{573}\ \Phi_{382}^2\ \Phi_{191}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
155004	1920	3339	$\frac{2}{159}$	$\frac{1}{7}$	$\frac{157}{477}$	$\frac{1}{3}$	$\Phi_{3339}\ \Phi_{63}\ \Phi_{21}$
155005	1920	2883	$\frac{13}{961}$	$\frac{129}{961}$	$\frac{316}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155006	1920	1071	$\frac{2}{119}$	$\frac{1}{9}$	$\frac{39}{119}$	$\frac{1}{3}$	$\Phi_{1071}^2\ \Phi_{357}\ \Phi_{153}^2\ \Phi_{119}^2\ \Phi_{63}^2\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
155007	1920	3135	$\frac{2}{95}$	$\frac{1}{11}$	$\frac{31}{95}$	$\frac{1}{3}$	$\Phi_{3135}\ \Phi_{627}\ \Phi_{165}\ \Phi_{33}^2$
155008	1920	2883	$\frac{22}{961}$	$\frac{81}{961}$	$\frac{313}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155009	1920	2883	$\frac{28}{961}$	$\frac{65}{961}$	$\frac{311}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155010	1920	3024	$\frac{2}{63}$	$\frac{1}{16}$	$\frac{61}{189}$	$\frac{1}{3}$	$\Phi_{3024}\ \Phi_{1512}\ \Phi_{756}\ \Phi_{432}\ \Phi_{378}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
155011	1920	1023	$\frac{1}{31}$	$\frac{21}{341}$	$\frac{10}{31}$	$\frac{1}{3}$	$\Phi_{1023}^3\ \Phi_{93}\ \Phi_{33}^3$
155012	1920	3009	$\frac{2}{59}$	$\frac{1}{17}$	$\frac{19}{59}$	$\frac{1}{3}$	$\Phi_{3009}\ \Phi_{51}^2$
155013	1920	987	$\frac{2}{47}$	$\frac{1}{21}$	$\frac{15}{47}$	$\frac{1}{3}$	$\Phi_{987}^2\ \Phi_{329}^2\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
155014	1920	2883	$\frac{41}{961}$	$\frac{46}{961}$	$\frac{305}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155015	1920	2925	$\frac{1}{25}$	$\frac{2}{39}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{2925}\ \Phi_{585}\ \Phi_{225}\ \Phi_{75}\ \Phi_{45}\ \Phi_{15}$
155016	1920	2883	$\frac{33}{961}$	$\frac{58}{961}$	$\frac{301}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155017	1920	93	$\frac{1}{31}$	$\frac{2}{31}$	$\frac{29}{93}$	$\frac{1}{3}$	$\Phi_{93}^{16}\ \Phi_{31}^{30}\ \Phi_3^{15}\ \Phi_1^{30}$
155018	1920	957	$\frac{1}{33}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{957}^2\ \Phi_{319}^2\ \Phi_{87}\ \Phi_{33}^4\ \Phi_{29}^2\ \Phi_{11}^4\ \Phi_3^2\ \Phi_1^4$
155019	1920	2829	$\frac{1}{41}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{2829}\ \Phi_{123}^2$
155020	1920	2883	$\frac{21}{961}$	$\frac{94}{961}$	$\frac{289}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155021	1920	2883	$\frac{17}{961}$	$\frac{118}{961}$	$\frac{281}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155022	1920	2745	$\frac{1}{61}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{2745}\ \Phi_{549}\ \Phi_{183}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
155023	1920	1365	$\frac{1}{65}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{1365}^2\ \Phi_{273}^2\ \Phi_{195}^3\ \Phi_{105}^2\ \Phi_{39}^3\ \Phi_{15}^3$
155024	1920	891	$\frac{1}{81}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{99}^2\ \Phi_{81}^4\ \Phi_{33}\ \Phi_{27}^4\ \Phi_{11}^2\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^4$
155025	1920	2883	$\frac{11}{961}$	$\frac{190}{961}$	$\frac{257}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155026	1920	2619	$\frac{1}{97}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{2619}\ \Phi_{291}$
155027	1920	2883	$\frac{9}{961}$	$\frac{238}{961}$	$\frac{241}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155028	1920	3828	$\frac{3}{319}$	$\frac{79}{319}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3828}\ \Phi_{1914}\ \Phi_{348}\ \Phi_{174}\ \Phi_{132}\ \Phi_{66}\ \Phi_{12}^2\ \Phi_{6}^2$
155029	1920	1620	$\frac{1}{81}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1620}^2\ \Phi_{810}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
155030	1920	3828	$\frac{4}{319}$	$\frac{63}{319}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3828}\ \Phi_{1914}\ \Phi_{348}\ \Phi_{174}\ \Phi_{132}\ \Phi_{66}\ \Phi_{12}^2\ \Phi_{6}^2$
155031	1920	780	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^3\ \Phi_{390}\ \Phi_{260}^4\ \Phi_{195}^2\ \Phi_{156}^3\ \Phi_{130}^2\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{60}^3\ \Phi_{52}^4\ \Phi_{39}^2\ \Phi_{30}\ \Phi_{26}^2\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_{5}^2$
155032	1920	3828	$\frac{7}{319}$	$\frac{39}{319}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3828}\ \Phi_{1914}\ \Phi_{348}\ \Phi_{174}\ \Phi_{132}\ \Phi_{66}\ \Phi_{12}^2\ \Phi_{6}^2$
155033	1920	1476	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1476}^2\ \Phi_{738}^2\ \Phi_{492}\ \Phi_{246}\ \Phi_{164}^2\ \Phi_{82}^2$
155034	1920	3828	$\frac{9}{319}$	$\frac{31}{319}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3828}\ \Phi_{1914}\ \Phi_{348}\ \Phi_{174}\ \Phi_{132}\ \Phi_{66}\ \Phi_{12}^2\ \Phi_{6}^2$
155035	1920	132	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^{19}\ \Phi_{66}^{19}\ \Phi_{44}^{20}\ \Phi_{22}^{20}\ \Phi_{12}^{20}\ \Phi_{6}^{20}\ \Phi_{4}^{20}\ \Phi_{2}^{20}$
155036	1920	348	$\frac{1}{29}$	$\frac{7}{87}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{348}^7\ \Phi_{174}^7\ \Phi_{116}^8\ \Phi_{58}^8\ \Phi_{12}^8\ \Phi_{6}^8\ \Phi_{4}^8\ \Phi_{2}^8$
155037	1920	3828	$\frac{15}{319}$	$\frac{19}{319}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3828}\ \Phi_{1914}\ \Phi_{348}\ \Phi_{174}\ \Phi_{132}\ \Phi_{66}\ \Phi_{12}^2\ \Phi_{6}^2$
155038	1920	1428	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1428}^2\ \Phi_{714}^2\ \Phi_{476}^2\ \Phi_{238}^2\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{34}^2$
155039	1920	3585	$\frac{3}{239}$	$\frac{1}{5}$	$\frac{59}{239}$	$\frac{1}{3}$	$\Phi_{3585}\ \Phi_{15}^2$
155040	1920	2883	$\frac{13}{961}$	$\frac{181}{961}$	$\frac{237}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155041	1920	1146	$\frac{3}{191}$	$\frac{1}{6}$	$\frac{47}{191}$	$\frac{1}{3}$	$\Phi_{1146}^2\ \Phi_{573}\ \Phi_{382}^2\ \Phi_{191}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
155042	1920	2883	$\frac{17}{961}$	$\frac{145}{961}$	$\frac{236}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155043	1920	1113	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{13}{53}$	$\frac{1}{3}$	$\Phi_{1113}^3\ \Phi_{21}^4$
155044	1920	2883	$\frac{21}{961}$	$\frac{121}{961}$	$\frac{235}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155045	1920	1071	$\frac{3}{119}$	$\frac{1}{9}$	$\frac{29}{119}$	$\frac{1}{3}$	$\Phi_{1071}^2\ \Phi_{357}\ \Phi_{153}^2\ \Phi_{119}^2\ \Phi_{63}^2\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}^2\ \Phi_{9}^4\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
155046	1920	2883	$\frac{29}{961}$	$\frac{91}{961}$	$\frac{233}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155047	1920	3135	$\frac{3}{95}$	$\frac{1}{11}$	$\frac{23}{95}$	$\frac{1}{3}$	$\Phi_{3135}\ \Phi_{627}\ \Phi_{165}\ \Phi_{33}^2$
155048	1920	3081	$\frac{3}{79}$	$\frac{1}{13}$	$\frac{19}{79}$	$\frac{1}{3}$	$\Phi_{3081}\ \Phi_{39}^2$
155049	1920	2883	$\frac{37}{961}$	$\frac{73}{961}$	$\frac{231}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155050	1920	2883	$\frac{45}{961}$	$\frac{61}{961}$	$\frac{229}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155051	1920	336	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{5}{21}$	$\frac{1}{3}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{84}^6\ \Phi_{56}^6\ \Phi_{48}^7\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{24}^7\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_{12}^7\ \Phi_{8}^6\ \Phi_{6}^7\ \Phi_{4}^6\ \Phi_{2}^6$
155052	1920	3009	$\frac{3}{59}$	$\frac{1}{17}$	$\frac{14}{59}$	$\frac{1}{3}$	$\Phi_{3009}\ \Phi_{51}^2$
155053	1920	2883	$\frac{49}{961}$	$\frac{57}{961}$	$\frac{226}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155054	1920	2883	$\frac{46}{961}$	$\frac{61}{961}$	$\frac{225}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155055	1920	987	$\frac{1}{21}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{1}{3}$	$\Phi_{987}^2\ \Phi_{329}^2\ \Phi_{141}\ \Phi_{47}^2\ \Phi_{21}^4\ \Phi_{7}^4\ \Phi_{3}^2\ \Phi_{1}^4$
155056	1920	975	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{975}^3\ \Phi_{195}^3\ \Phi_{75}^4\ \Phi_{15}^4$
155057	1920	2883	$\frac{37}{961}$	$\frac{77}{961}$	$\frac{221}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155058	1920	93	$\frac{1}{31}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{93}^{31}\ \Phi_{3}^{30}$
155059	1920	2160	$\frac{7}{135}$	$\frac{1}{16}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{54}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
155060	1920	2883	$\frac{25}{961}$	$\frac{117}{961}$	$\frac{211}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155061	1920	2829	$\frac{1}{41}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{2829}\ \Phi_{123}^2$
155062	1920	2793	$\frac{1}{49}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{2793}\ \Phi_{399}\ \Phi_{147}^2\ \Phi_{21}^2$
155063	1920	2883	$\frac{19}{961}$	$\frac{157}{961}$	$\frac{201}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155064	1920	2883	$\frac{16}{961}$	$\frac{189}{961}$	$\frac{193}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155065	1920	915	$\frac{1}{61}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{915}^3\ \Phi_{183}^4$
155066	1920	3585	$\frac{4}{239}$	$\frac{47}{239}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3585}\ \Phi_{15}^2$
155067	1920	1470	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1470}^2\ \Phi_{735}\ \Phi_{490}^2\ \Phi_{245}^2\ \Phi_{210}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{35}^2$
155068	1920	3585	$\frac{5}{239}$	$\frac{39}{239}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3585}\ \Phi_{15}^2$
155069	1920	4305	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	Φ_{4305}
155070	1920	3585	$\frac{7}{239}$	$\frac{29}{239}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3585}\ \Phi_{15}^2$
155071	1920	1395	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1395}^2\ \Phi_{465}\ \Phi_{155}^2$
155072	1920	3585	$\frac{9}{239}$	$\frac{23}{239}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3585}\ \Phi_{15}^2$
155073	1920	825	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{825}^4\ \Phi_{165}^3\ \Phi_{33}^4$
155074	1920	3585	$\frac{11}{239}$	$\frac{19}{239}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3585}\ \Phi_{15}^2$
155075	1920	1365	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1365}^2\ \Phi_{455}^2\ \Phi_{195}\ \Phi_{65}^2$
155076	1920	3585	$\frac{14}{239}$	$\frac{15}{239}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3585}\ \Phi_{15}^2$
155077	1920	4080	$\frac{1}{17}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{4080}\ \Phi_{2040}\ \Phi_{1020}\ \Phi_{510}$
155078	1920	1113	$\frac{4}{159}$	$\frac{1}{7}$	$\frac{31}{159}$	$\frac{1}{3}$	$\Phi_{1113}^2\ \Phi_{371}^2\ \Phi_{21}^3\ \Phi_{7}^2$
155079	1920	2883	$\frac{26}{961}$	$\frac{129}{961}$	$\frac{187}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155080	1920	651	$\frac{1}{31}$	$\frac{25}{217}$	$\frac{6}{31}$	$\frac{1}{3}$	$\Phi_{651}^5\ \Phi_{93}\ \Phi_{21}^5$
155081	1920	1071	$\frac{4}{119}$	$\frac{1}{9}$	$\frac{23}{119}$	$\frac{1}{3}$	$\Phi_{1071}^2\ \Phi_{357}\ \Phi_{153}^2\ \Phi_{119}^2\ \Phi_{63}^2\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}^2\ \Phi_{9}^4\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
155082	1920	2883	$\frac{36}{961}$	$\frac{97}{961}$	$\frac{185}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155083	1920	3081	$\frac{4}{79}$	$\frac{1}{13}$	$\frac{15}{79}$	$\frac{1}{3}$	$\Phi_{3081}\ \Phi_{39}^2$
155084	1920	2883	$\frac{56}{961}$	$\frac{65}{961}$	$\frac{181}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155085	1920	3009	$\frac{1}{17}$	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{1}{3}$	$\Phi_{3009}\ \Phi_{51}^2$
155086	1920	2883	$\frac{49}{961}$	$\frac{76}{961}$	$\frac{177}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155087	1920	975	$\frac{1}{25}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{195}^2\ \Phi_{75}^3\ \Phi_{65}^2\ \Phi_{25}^2\ \Phi_{15}^3\ \Phi_{5}^2$
155088	1920	2883	$\frac{33}{961}$	$\frac{116}{961}$	$\frac{169}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155089	1920	957	$\frac{1}{33}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{957}^2\ \Phi_{319}^2\ \Phi_{87}\ \Phi_{33}^4\ \Phi_{29}^2\ \Phi_{11}^4\ \Phi_{3}^2\ \Phi_{1}^4$
155090	1920	2883	$\frac{25}{961}$	$\frac{156}{961}$	$\frac{161}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155091	1920	1146	$\frac{5}{191}$	$\frac{31}{191}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1146}^2\ \Phi_{573}\ \Phi_{382}^2\ \Phi_{191}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
155092	1920	462	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{462}^6\ \Phi_{231}^4\ \Phi_{154}^6\ \Phi_{77}^4\ \Phi_{42}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{7}^2$
155093	1920	1146	$\frac{7}{191}$	$\frac{23}{191}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1146}^2\ \Phi_{573}\ \Phi_{382}^2\ \Phi_{191}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
155094	1920	450	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{450}^6\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^6\ \Phi_{75}^3\ \Phi_{50}^4\ \Phi_{45}^4\ \Phi_{30}^4\ \Phi_{25}^2\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_{5}^2$
155095	1920	1146	$\frac{11}{191}$	$\frac{15}{191}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1146}^2\ \Phi_{573}\ \Phi_{382}^2\ \Phi_{191}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
155096	1920	1326	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1326}^2\ \Phi_{663}\ \Phi_{442}^2\ \Phi_{221}^2$
155097	1920	93	$\frac{1}{31}$	$\frac{13}{93}$	$\frac{5}{31}$	$\frac{1}{3}$	$\Phi_{93}^{19}\ \Phi_{31}^{24}\ \Phi_{3}^{18}\ \Phi_{1}^{24}$
155098	1920	1071	$\frac{5}{119}$	$\frac{1}{9}$	$\frac{19}{119}$	$\frac{1}{3}$	$\Phi_{1071}^2\ \Phi_{357}\ \Phi_{153}^2\ \Phi_{119}^2\ \Phi_{63}^2\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}^2\ \Phi_{9}^4\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
155099	1920	2883	$\frac{43}{961}$	$\frac{101}{961}$	$\frac{153}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155100	1920	627	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{3}{19}$	$\frac{1}{3}$	$\Phi_{627}^{5}\ \Phi_{33}^{6}$
155101	1920	2883	$\frac{55}{961}$	$\frac{81}{961}$	$\frac{151}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155102	1920	3009	$\frac{1}{17}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{1}{3}$	$\Phi_{3009}\ \Phi_{51}^{2}$
155103	1920	2883	$\frac{51}{961}$	$\frac{91}{961}$	$\frac{145}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155104	1920	987	$\frac{1}{21}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{3}$	$\Phi_{987}^{2}\ \Phi_{329}^{2}\ \Phi_{141}\ \Phi_{47}^{2}\ \Phi_{21}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
155105	1920	2883	$\frac{41}{961}$	$\frac{115}{961}$	$\frac{141}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155106	1920	1113	$\frac{7}{159}$	$\frac{19}{159}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1113}^{2}\ \Phi_{371}^{2}\ \Phi_{21}^{3}\ \Phi_{7}^{2}$
155107	1920	63	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{63}^{34}\ \Phi_{21}^{23}\ \Phi_{9}^{36}\ \Phi_{7}^{22}\ \Phi_{3}^{24}\ \Phi_{1}^{24}$
155108	1920	1113	$\frac{3}{53}$	$\frac{5}{53}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1113}^{3}\ \Phi_{21}^{4}$
155109	1920	3927	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{3}$	Φ_{3927}
155110	1920	1680	$\frac{1}{16}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1680}^{2}\ \Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{336}\ \Phi_{240}^{2}\ \Phi_{210}^{2}\ \Phi_{168}\ \Phi_{120}^{2}\ \Phi_{84}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{42}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
155111	1920	2352	$\frac{1}{16}$	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{1}{3}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{784}\ \Phi_{588}\ \Phi_{392}\ \Phi_{294}\ \Phi_{196}\ \Phi_{98}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
155112	1920	153	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{1}{3}$	$\Phi_{153}^{14}\ \Phi_{51}^{7}\ \Phi_{17}^{14}\ \Phi_{9}^{16}\ \Phi_{3}^{8}\ \Phi_{1}^{16}$
155113	1920	2883	$\frac{57}{961}$	$\frac{106}{961}$	$\frac{113}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155114	1920	3135	$\frac{7}{95}$	$\frac{1}{11}$	$\frac{11}{95}$	$\frac{1}{3}$	$\Phi_{3135}\ \Phi_{627}\ \Phi_{165}\ \Phi_{33}^{2}$
155115	1920	2883	$\frac{73}{961}$	$\frac{85}{961}$	$\frac{111}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155116	1920	3081	$\frac{1}{13}$	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{1}{3}$	$\Phi_{3081}\ \Phi_{39}^{2}$
155117	1920	2883	$\frac{71}{961}$	$\frac{89}{961}$	$\frac{109}{961}$	$\frac{1}{3}$	$\Phi_{2883}\ \Phi_{93}$
155118	1920	144	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{144}^{14}\ \Phi_{72}^{14}\ \Phi_{48}^{15}\ \Phi_{36}^{14}\ \Phi_{24}^{15}\ \Phi_{18}^{14}\ \Phi_{16}^{14}\ \Phi_{12}^{15}\ \Phi_{8}^{14}\ \Phi_{6}^{15}\ \Phi_{4}^{14}\ \Phi_{2}^{14}$
155119	1920	1071	$\frac{9}{119}$	$\frac{11}{119}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{1071}^{2}\ \Phi_{357}\ \Phi_{153}^{2}\ \Phi_{119}^{2}\ \Phi_{63}^{2}\ \Phi_{51}\ \Phi_{21}\ \Phi_{17}^{2}\ \Phi_{9}^{4}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
155120	1920	1287	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{1287}^{2}\ \Phi_{429}\ \Phi_{143}^{2}$
155121	1920	595	$\frac{2}{119}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{39}{119}$	$\Phi_{595}^{3}\ \Phi_{119}^{4}\ \Phi_{85}^{3}\ \Phi_{35}^{3}\ \Phi_{17}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{8}$
155122	1920	330	$\frac{1}{55}$	$\frac{1}{6}$	$\frac{37}{165}$	$\frac{18}{55}$	$\Phi_{330}^{7}\ \Phi_{165}^{4}\ \Phi_{110}^{7}\ \Phi_{66}^{7}\ \Phi_{55}^{6}\ \Phi_{33}^{4}\ \Phi_{30}^{7}\ \Phi_{22}^{7}\ \Phi_{15}^{4}\ \Phi_{11}^{6}\ \Phi_{10}^{7}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
155123	1920	303	$\frac{2}{101}$	$\frac{47}{303}$	$\frac{68}{303}$	$\frac{33}{101}$	$\Phi_{303}^{6}\ \Phi_{101}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
155124	1920	101	$\frac{2}{101}$	$\frac{17}{101}$	$\frac{21}{101}$	$\frac{33}{101}$	$\Phi_{101}^{19}\ \Phi_{1}^{20}$
155125	1920	2405	$\frac{10}{481}$	$\frac{81}{481}$	$\frac{1}{5}$	$\frac{157}{481}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
155126	1920	95	$\frac{2}{95}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{31}{95}$	$\Phi_{95}^{20}\ \Phi_{19}^{21}\ \Phi_{5}^{20}\ \Phi_{1}^{22}$
155127	1920	570	$\frac{2}{95}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{31}{95}$	$\Phi_{570}^{4}\ \Phi_{285}^{4}\ \Phi_{190}^{4}\ \Phi_{114}^{4}\ \Phi_{57}^{4}\ \Phi_{38}^{4}\ \Phi_{30}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
155128	1920	1919	$\frac{47}{1919}$	$\frac{259}{1919}$	$\frac{415}{1919}$	$\frac{624}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155129	1920	462	$\frac{2}{77}$	$\frac{1}{6}$	$\frac{13}{77}$	$\frac{25}{77}$	$\Phi_{462}^{5}\ \Phi_{231}^{5}\ \Phi_{154}^{5}\ \Phi_{66}^{5}\ \Phi_{42}^{5}\ \Phi_{33}^{5}\ \Phi_{22}^{5}\ \Phi_{21}^{5}\ \Phi_{14}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
155130	1920	1919	$\frac{50}{1919}$	$\frac{319}{1919}$	$\frac{324}{1919}$	$\frac{623}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155131	1920	185	$\frac{1}{37}$	$\frac{5}{37}$	$\frac{1}{5}$	$\frac{12}{37}$	$\Phi_{185}^{13}\ \Phi_{5}^{12}$
155132	1920	378	$\frac{2}{63}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{61}{189}$	$\Phi_{378}^{9}\ \Phi_{189}^{6}\ \Phi_{54}^{9}\ \Phi_{42}\ \Phi_{27}^{6}\ \Phi_{21}\ \Phi_{14}$
155133	1920	1829	$\frac{2}{59}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{19}{59}$	$\Phi_{1829}\ \Phi_{59}^{2}\ \Phi_{31}^{2}\ \Phi_{1}^{4}$
155134	1920	2655	$\frac{2}{59}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{19}{59}$	$\Phi_{2655}\ \Phi_{885}\ \Phi_{45}^{2}\ \Phi_{15}^{2}$
155135	1920	1919	$\frac{74}{1919}$	$\frac{163}{1919}$	$\frac{439}{1919}$	$\frac{615}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155136	1920	2169	$\frac{10}{241}$	$\frac{1}{9}$	$\frac{41}{241}$	$\frac{77}{241}$	$\Phi_{2169}\ \Phi_{723}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
155137	1920	611	$\frac{2}{47}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{15}{47}$	$\Phi_{611}^{3}\ \Phi_{47}^{4}\ \Phi_{13}^{6}\ \Phi_{1}^{8}$
155138	1920	2585	$\frac{2}{47}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{15}{47}$	$\Phi_{2585}\ \Phi_{55}^{2}$
155139	1920	1833	$\frac{2}{47}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{15}{47}$	$\Phi_{1833}\ \Phi_{611}\ \Phi_{141}\ \Phi_{47}^{2}\ \Phi_{39}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
155140	1920	846	$\frac{2}{47}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{15}{47}$	$\Phi_{846}^{3}\ \Phi_{423}^{2}\ \Phi_{282}^{2}\ \Phi_{141}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{18}^{6}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
155141	1920	2691	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{47}{207}$	$\frac{22}{69}$	$\Phi_{2691}\ \Phi_{299}\ \Phi_{117}$
155142	1920	1919	$\frac{86}{1919}$	$\frac{199}{1919}$	$\frac{327}{1919}$	$\frac{611}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155143	1920	2405	$\frac{22}{481}$	$\frac{41}{481}$	$\frac{1}{5}$	$\frac{153}{481}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
155144	1920	1919	$\frac{92}{1919}$	$\frac{131}{1919}$	$\frac{447}{1919}$	$\frac{609}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155145	1920	1919	$\frac{98}{1919}$	$\frac{164}{1919}$	$\frac{351}{1919}$	$\frac{607}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155146	1920	585	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{37}{117}$	$\Phi_{585}^{6}\ \Phi_{65}\ \Phi_{45}^{6}$
155147	1920	2123	$\frac{10}{193}$	$\frac{1}{11}$	$\frac{33}{193}$	$\frac{61}{193}$	Φ_{2123}
155148	1920	209	$\frac{1}{19}$	$\frac{13}{209}$	$\frac{49}{209}$	$\frac{6}{19}$	$\Phi_{209}^{9}\ \Phi_{19}^{11}\ \Phi_{11}^{9}\ \Phi_{1}^{12}$
155149	1920	171	$\frac{1}{19}$	$\frac{11}{171}$	$\frac{13}{57}$	$\frac{6}{19}$	$\Phi_{171}^{12}\ \Phi_{57}^{9}\ \Phi_{19}^{11}\ \Phi_{9}^{12}\ \Phi_{3}^{9}\ \Phi_{1}^{12}$
155150	1920	1122	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{59}{187}$	$\Phi_{1122}^{2}\ \Phi_{561}^{2}\ \Phi_{374}^{2}\ \Phi_{102}^{2}\ \Phi_{66}^{3}\ \Phi_{51}^{2}\ \Phi_{34}^{2}\ \Phi_{33}^{3}\ \Phi_{22}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
155151	1920	2169	$\frac{13}{241}$	$\frac{1}{9}$	$\frac{33}{241}$	$\frac{76}{241}$	$\Phi_{2169}\ \Phi_{723}$
155152	1920	1919	$\frac{107}{1919}$	$\frac{207}{1919}$	$\frac{263}{1919}$	$\frac{604}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155153	1920	210	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{1}{6}$	$\frac{11}{35}$	$\Phi_{210}^{11}\ \Phi_{105}^{11}\ \Phi_{70}^{11}\ \Phi_{42}^{11}\ \Phi_{30}^{11}\ \Phi_{21}^{11}\ \Phi_{15}^{11}\ \Phi_{14}^{11}\ \Phi_{10}^{11}\ \Phi_{6}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}$
155154	1920	1919	$\frac{110}{1919}$	$\frac{159}{1919}$	$\frac{329}{1919}$	$\frac{603}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155155	1920	2405	$\frac{28}{481}$	$\frac{33}{481}$	$\frac{1}{5}$	$\frac{151}{481}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
155156	1920	609	$\frac{1}{21}$	$\frac{2}{29}$	$\frac{5}{21}$	$\frac{9}{29}$	$\Phi_{609}^{3}\ \Phi_{203}^{3}\ \Phi_{87}^{3}\ \Phi_{29}^{4}\ \Phi_{21}^{6}\ \Phi_{7}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
155157	1920	2465	$\frac{1}{17}$	$\frac{2}{29}$	$\frac{1}{5}$	$\frac{9}{29}$	$\Phi_{2465}\ \Phi_{85}^{2}$
155158	1920	1015	$\frac{2}{29}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{9}{29}$	$\Phi_{1015}^{2}\ \Phi_{203}\ \Phi_{145}^{2}\ \Phi_{35}^{4}\ \Phi_{29}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
155159	1920	261	$\frac{2}{29}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{9}{29}$	$\Phi_{261}^{7}\ \Phi_{87}^{7}\ \Phi_{29}^{8}\ \Phi_{9}^{14}\ \Phi_{3}^{14}\ \Phi_{1}^{16}$
155160	1920	1919	$\frac{83}{1919}$	$\frac{146}{1919}$	$\frac{459}{1919}$	$\frac{591}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155161	1920	845	$\frac{9}{169}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{845}^{3}\ \Phi_{65}$
155162	1920	3003	$\frac{1}{13}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{231}$	$\Phi_{3003}\ \Phi_{429}\ \Phi_{273}\ \Phi_{91}\ \Phi_{39}$
155163	1920	2057	$\frac{1}{17}$	$\frac{10}{121}$	$\frac{21}{121}$	$\frac{37}{121}$	$\Phi_{2057}\ \Phi_{187}$
155164	1920	1817	$\frac{3}{79}$	$\frac{2}{23}$	$\frac{19}{79}$	$\frac{7}{23}$	$\Phi_{1817}\ \Phi_{79}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$
155165	1920	2415	$\frac{1}{21}$	$\frac{2}{23}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{2415}\ \Phi_{805}\ \Phi_{345}\ \Phi_{105}^{2}\ \Phi_{35}^{2}\ \Phi_{15}^{2}$
155166	1920	1817	$\frac{4}{79}$	$\frac{2}{23}$	$\frac{15}{79}$	$\frac{7}{23}$	$\Phi_{1817}\ \Phi_{79}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$
155167	1920	2346	$\frac{1}{17}$	$\frac{2}{23}$	$\frac{1}{6}$	$\frac{7}{23}$	$\Phi_{2346}\ \Phi_{1173}\ \Phi_{782}\ \Phi_{102}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{2}$
155168	1920	299	$\frac{1}{13}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{7}{23}$	$\Phi_{299}^{7}\ \Phi_{13}^{6}$
155169	1920	1817	$\frac{2}{23}$	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{7}{23}$	$\Phi_{1817}\ \Phi_{79}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$
155170	1920	2277	$\frac{2}{23}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{7}{23}$	$\Phi_{2277}\ \Phi_{759}\ \Phi_{99}^{2}\ \Phi_{33}^{2}$
155171	1920	1919	$\frac{167}{1919}$	$\frac{170}{1919}$	$\frac{219}{1919}$	$\frac{583}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155172	1920	2169	$\frac{21}{241}$	$\frac{22}{241}$	$\frac{1}{9}$	$\frac{73}{241}$	$\Phi_{2169}\ \Phi_{723}$
155173	1920	1919	$\frac{67}{1919}$	$\frac{182}{1919}$	$\frac{463}{1919}$	$\frac{579}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155174	1920	1919	$\frac{99}{1919}$	$\frac{182}{1919}$	$\frac{335}{1919}$	$\frac{579}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155175	1920	2405	$\frac{21}{481}$	$\frac{46}{481}$	$\frac{1}{5}$	$\frac{145}{481}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
155176	1920	1919	$\frac{84}{1919}$	$\frac{194}{1919}$	$\frac{367}{1919}$	$\frac{575}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155177	1920	2037	$\frac{1}{21}$	$\frac{10}{97}$	$\frac{17}{97}$	$\frac{29}{97}$	$\Phi_{2037}\ \Phi_{679}\ \Phi_{291}$
155178	1920	57	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{3}{19}$	$\frac{17}{57}$	$\Phi_{57}^{48}\ \Phi_{19}^{5}\ \Phi_{3}^{48}\ \Phi_{1}^{6}$
155179	1920	2057	$\frac{1}{17}$	$\frac{13}{121}$	$\frac{17}{121}$	$\frac{36}{121}$	$\Phi_{2057}\ \Phi_{187}$
155180	1920	1919	$\frac{135}{1919}$	$\frac{212}{1919}$	$\frac{223}{1919}$	$\frac{569}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155181	1920	1919	$\frac{169}{1919}$	$\frac{175}{1919}$	$\frac{218}{1919}$	$\frac{567}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155182	1920	2123	$\frac{17}{193}$	$\frac{1}{11}$	$\frac{22}{193}$	$\frac{57}{193}$	Φ_{2123}
155183	1920	2169	$\frac{17}{241}$	$\frac{1}{9}$	$\frac{28}{241}$	$\frac{71}{241}$	$\Phi_{2169}\ \Phi_{723}$
155184	1920	1919	$\frac{103}{1919}$	$\frac{227}{1919}$	$\frac{271}{1919}$	$\frac{564}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155185	1920	2310	$\frac{17}{385}$	$\frac{46}{385}$	$\frac{1}{6}$	$\frac{113}{385}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{154}\ \Phi_{110}$ $\Phi_{105}\ \Phi_{70}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
155186	1920	1919	$\frac{79}{1919}$	$\frac{230}{1919}$	$\frac{339}{1919}$	$\frac{563}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155187	1920	2405	$\frac{17}{481}$	$\frac{58}{481}$	$\frac{1}{5}$	$\frac{141}{481}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
155188	1920	1395	$\frac{1}{31}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{1395}^{2}\ \Phi_{279}^{2}\ \Phi_{155}$
155189	1920	889	$\frac{3}{127}$	$\frac{1}{7}$	$\frac{31}{127}$	$\frac{2}{7}$	$\Phi_{889}^{2}\ \Phi_{127}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
155190	1920	861	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{861}^{3}\ \Phi_{287}\ \Phi_{123}^{3}$
155191	1920	1155	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{1155}^{2}\ \Phi_{385}^{2}\ \Phi_{165}^{3}\ \Phi_{105}^{2}\ \Phi_{55}^{3}\ \Phi_{15}^{3}$
155192	1920	798	$\frac{5}{133}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{798}^{3}\ \Phi_{399}^{3}\ \Phi_{266}^{3}\ \Phi_{114}^{3}\ \Phi_{57}^{3}\ \Phi_{42}\ \Phi_{38}^{3}\ \Phi_{21}\ \Phi_{14}$
155193	1920	889	$\frac{7}{127}$	$\frac{15}{127}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{889}^{2}\ \Phi_{127}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
155194	1920	1071	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{1071}^{2}\ \Phi_{357}^{2}\ \Phi_{153}^{3}\ \Phi_{51}^{3}$
155195	1920	455	$\frac{1}{13}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{455}^{5}\ \Phi_{91}^{3}\ \Phi_{65}^{5}\ \Phi_{13}^{2}$
155196	1920	1919	$\frac{43}{1919}$	$\frac{290}{1919}$	$\frac{469}{1919}$	$\frac{543}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155197	1920	555	$\frac{1}{37}$	$\frac{6}{37}$	$\frac{1}{5}$	$\frac{31}{111}$	$\Phi_{555}^{6}\ \Phi_{185}\ \Phi_{15}^{6}$
155198	1920	2013	$\frac{1}{33}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	$\Phi_{2013}\ \Phi_{671}\ \Phi_{183}$
155199	1920	1919	$\frac{87}{1919}$	$\frac{229}{1919}$	$\frac{338}{1919}$	$\frac{527}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155200	1920	583	$\frac{1}{53}$	$\frac{2}{11}$	$\frac{13}{53}$	$\frac{3}{11}$	$\Phi_{583}^{3}\ \Phi_{53}^{6}\ \Phi_{11}^{4}\ \Phi_{1}^{8}$
155201	1920	2255	$\frac{1}{41}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{2255}\ \Phi_{205}^{2}$
155202	1920	1749	$\frac{4}{159}$	$\frac{2}{11}$	$\frac{31}{159}$	$\frac{3}{11}$	$\Phi_{1749}\ \Phi_{583}\ \Phi_{159}^{2}\ \Phi_{53}^{2}\ \Phi_{33}\ \Phi_{11}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
155203	1920	66	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{66}^{35}\ \Phi_{33}^{23}\ \Phi_{22}^{35}\ \Phi_{11}^{24}\ \Phi_{6}^{34}\ \Phi_{3}^{22}\ \Phi_{2}^{34}\ \Phi_{1}^{24}$
155204	1920	1749	$\frac{7}{159}$	$\frac{19}{159}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1749}\ \Phi_{583}\ \Phi_{159}^{2}\ \Phi_{53}^{2}\ \Phi_{33}\ \Phi_{11}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
155205	1920	693	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{693}^{3}\ \Phi_{231}^{2}\ \Phi_{99}^{2}\ \Phi_{77}^{2}\ \Phi_{63}^{6}\ \Phi_{33}\ \Phi_{21}^{4}\ \Phi_{11}^{2}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
155206	1920	583	$\frac{3}{53}$	$\frac{5}{53}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{583}^{3}\ \Phi_{53}^{6}\ \Phi_{11}^{4}\ \Phi_{1}^{8}$
155207	1920	187	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{187}^{11}\ \Phi_{17}^{10}$
155208	1920	1919	$\frac{35}{1919}$	$\frac{362}{1919}$	$\frac{471}{1919}$	$\frac{519}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155209	1920	1919	$\frac{109}{1919}$	$\frac{175}{1919}$	$\frac{362}{1919}$	$\frac{519}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155210	1920	2169	$\frac{11}{241}$	$\frac{1}{9}$	$\frac{46}{241}$	$\frac{65}{241}$	$\Phi_{2169}\ \Phi_{723}$
155211	1920	1050	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{34}{175}$	$\frac{47}{175}$	$\Phi_{1050}^{2}\ \Phi_{525}^{2}\ \Phi_{350}^{2}\ \Phi_{210}^{3}\ \Phi_{150}^{2}\ \Phi_{105}^{3}\ \Phi_{75}^{2}\ \Phi_{70}^{3}\ \Phi_{50}^{2}\ \Phi_{42}^{3}\ \Phi_{30}^{3}$ $\Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{14}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
155212	1920	1919	$\frac{49}{1919}$	$\frac{351}{1919}$	$\frac{374}{1919}$	$\frac{515}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155213	1920	2405	$\frac{11}{481}$	$\frac{94}{481}$	$\frac{1}{5}$	$\frac{129}{481}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
155214	1920	2325	$\frac{1}{31}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2325}\ \Phi_{775}\ \Phi_{155}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
155215	1920	1919	$\frac{44}{1919}$	$\frac{375}{1919}$	$\frac{386}{1919}$	$\frac{511}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
155216	1920	2009	$\frac{1}{41}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{2009}\ \Phi_{287}$
155217	1920	247	$\frac{7}{247}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{247}^8\ \Phi_{19}^5\ \Phi_{13}^8\ \Phi_1^6$
155218	1920	2013	$\frac{1}{33}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{2013}\ \Phi_{671}\ \Phi_{183}$
155219	1920	1919	$\frac{71}{1919}$	$\frac{231}{1919}$	$\frac{422}{1919}$	$\frac{499}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
155220	1920	675	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{675}^4\ \Phi_{225}\ \Phi_{135}^4\ \Phi_{75}\ \Phi_{45}\ \Phi_{15}$
155221	1920	1919	$\frac{89}{1919}$	$\frac{183}{1919}$	$\frac{434}{1919}$	$\frac{495}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
155222	1920	2037	$\frac{1}{21}$	$\frac{9}{97}$	$\frac{22}{97}$	$\frac{25}{97}$	$\Phi_{2037}\ \Phi_{679}\ \Phi_{291}$
155223	1920	2057	$\frac{1}{17}$	$\frac{9}{121}$	$\frac{28}{121}$	$\frac{31}{121}$	$\Phi_{2057}\ \Phi_{187}$
155224	1920	688	$\frac{1}{16}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{11}{43}$	$\Phi_{688}^3\ \Phi_{344}^3\ \Phi_{172}^3\ \Phi_{86}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
155225	1920	1919	$\frac{111}{1919}$	$\frac{143}{1919}$	$\frac{452}{1919}$	$\frac{489}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
155226	1920	2123	$\frac{9}{193}$	$\frac{1}{11}$	$\frac{46}{193}$	$\frac{49}{193}$	Φ_{2123}
155227	1920	1919	$\frac{87}{1919}$	$\frac{179}{1919}$	$\frac{458}{1919}$	$\frac{487}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
155228	1920	2169	$\frac{9}{241}$	$\frac{1}{9}$	$\frac{58}{241}$	$\frac{61}{241}$	$\Phi_{2169}\ \Phi_{723}$
155229	1920	1919	$\frac{51}{1919}$	$\frac{287}{1919}$	$\frac{467}{1919}$	$\frac{484}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
155230	1920	2310	$\frac{9}{385}$	$\frac{1}{6}$	$\frac{94}{385}$	$\frac{97}{385}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{154}\ \Phi_{110}\ \Phi_{105}\ \Phi_{70}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
155231	1920	1919	$\frac{39}{1919}$	$\frac{359}{1919}$	$\frac{470}{1919}$	$\frac{483}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
155232	1920	2405	$\frac{9}{481}$	$\frac{1}{5}$	$\frac{118}{481}$	$\frac{121}{481}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
155233	1920	1060	$\frac{1}{53}$	$\frac{1}{5}$	$\frac{13}{53}$	$\frac{1}{4}$	$\Phi_{1060}^3\ \Phi_{530}^3\ \Phi_{20}^4\ \Phi_{10}^4$
155234	1920	2564	$\frac{13}{641}$	$\frac{121}{641}$	$\frac{157}{641}$	$\frac{1}{4}$	$\Phi_{2564}\ \Phi_{1282}$
155235	1920	1524	$\frac{3}{127}$	$\frac{1}{6}$	$\frac{31}{127}$	$\frac{1}{4}$	$\Phi_{1524}^2\ \Phi_{762}\ \Phi_{508}\ \Phi_{381}\ \Phi_{127}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
155236	1920	2564	$\frac{17}{641}$	$\frac{97}{641}$	$\frac{156}{641}$	$\frac{1}{4}$	$\Phi_{2564}\ \Phi_{1282}$
155237	1920	2844	$\frac{3}{79}$	$\frac{1}{9}$	$\frac{19}{79}$	$\frac{1}{4}$	$\Phi_{2844}\ \Phi_{1422}\ \Phi_{948}\ \Phi_{474}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2$
155238	1920	2564	$\frac{29}{641}$	$\frac{61}{641}$	$\frac{153}{641}$	$\frac{1}{4}$	$\Phi_{2564}\ \Phi_{1282}$
155239	1920	924	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{5}{21}$	$\frac{1}{4}$	$\Phi_{924}^3\ \Phi_{462}^3\ \Phi_{308}^3\ \Phi_{154}^3\ \Phi_{132}^3\ \Phi_{66}^3\ \Phi_{44}^4\ \Phi_{22}^4$
155240	1920	2564	$\frac{37}{641}$	$\frac{49}{641}$	$\frac{151}{641}$	$\frac{1}{4}$	$\Phi_{2564}\ \Phi_{1282}$
155241	1920	884	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{884}^3\ \Phi_{442}^3\ \Phi_{68}^4\ \Phi_{34}^4$
155242	1920	2564	$\frac{31}{641}$	$\frac{61}{641}$	$\frac{145}{641}$	$\frac{1}{4}$	$\Phi_{2564}\ \Phi_{1282}$
155243	1920	2604	$\frac{1}{21}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{4}$	$\Phi_{2604}\ \Phi_{1302}\ \Phi_{868}\ \Phi_{434}\ \Phi_{372}\ \Phi_{186}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_6^2$
155244	1920	2564	$\frac{25}{641}$	$\frac{77}{641}$	$\frac{141}{641}$	$\frac{1}{4}$	$\Phi_{2564}\ \Phi_{1282}$
155245	1920	2508	$\frac{1}{33}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{836}\ \Phi_{418}\ \Phi_{228}\ \Phi_{132}^2\ \Phi_{114}\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_6^2$
155246	1920	2564	$\frac{16}{641}$	$\frac{125}{641}$	$\frac{129}{641}$	$\frac{1}{4}$	$\Phi_{2564}\ \Phi_{1282}$
155247	1920	820	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{820}^3\ \Phi_{410}^3\ \Phi_{164}^4\ \Phi_{82}^4$
155248	1920	3180	$\frac{4}{159}$	$\frac{31}{159}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{3180}\ \Phi_{1590}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
155249	1920	660	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{660}^5\ \Phi_{330}^2\ \Phi_{220}^5\ \Phi_{165}^3\ \Phi_{110}^2\ \Phi_{60}^3\ \Phi_{55}^3\ \Phi_{30}\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
155250	1920	3180	$\frac{7}{159}$	$\frac{19}{159}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{3180}\ \Phi_{1590}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
155251	1920	1260	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1260}^3\ \Phi_{630}^3\ \Phi_{420}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
155252	1920	1060	$\frac{3}{53}$	$\frac{5}{53}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1060}^3\ \Phi_{530}^3\ \Phi_{20}^4\ \Phi_{10}^4$
155253	1920	3740	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{3740}\ \Phi_{1870}$
155254	1920	2844	$\frac{4}{79}$	$\frac{1}{9}$	$\frac{15}{79}$	$\frac{1}{4}$	$\Phi_{2844}\ \Phi_{1422}\ \Phi_{948}\ \Phi_{474}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{6}^2$
155255	1920	2564	$\frac{36}{641}$	$\frac{65}{641}$	$\frac{121}{641}$	$\frac{1}{4}$	$\Phi_{2564}\ \Phi_{1282}$
155256	1920	2652	$\frac{1}{17}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{4}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{884}\ \Phi_{442}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}^2\ \Phi_{34}^2$
155257	1920	2564	$\frac{33}{641}$	$\frac{76}{641}$	$\frac{113}{641}$	$\frac{1}{4}$	$\Phi_{2564}\ \Phi_{1282}$
155258	1920	1524	$\frac{7}{127}$	$\frac{15}{127}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1524}^2\ \Phi_{762}\ \Phi_{508}\ \Phi_{381}\ \Phi_{127}\ \Phi_{12}^4\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
155259	1920	612	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{612}^5\ \Phi_{306}^2\ \Phi_{204}^3\ \Phi_{153}^3\ \Phi_{102}\ \Phi_{68}^4\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2$
155260	1920	1540	$\frac{3}{35}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{1540}^2\ \Phi_{770}^2\ \Phi_{308}\ \Phi_{220}^2\ \Phi_{154}\ \Phi_{110}^2\ \Phi_{44}^2\ \Phi_{22}^2$
155261	1920	2844	$\frac{7}{79}$	$\frac{1}{9}$	$\frac{9}{79}$	$\frac{1}{4}$	$\Phi_{2844}\ \Phi_{1422}\ \Phi_{948}\ \Phi_{474}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{6}^2$
155262	1920	2564	$\frac{57}{641}$	$\frac{71}{641}$	$\frac{73}{641}$	$\frac{1}{4}$	$\Phi_{2564}\ \Phi_{1282}$
155263	1920	396	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{4}$	$\Phi_{396}^7\ \Phi_{198}^7\ \Phi_{132}^7\ \Phi_{66}^7\ \Phi_{44}^8\ \Phi_{22}^8$
155264	1920	595	$\frac{3}{119}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{29}{119}$	$\Phi_{595}^3\ \Phi_{119}^4\ \Phi_{85}^3\ \Phi_{35}^3\ \Phi_{17}^4\ \Phi_{7}^4\ \Phi_{5}^6\ \Phi_{1}^8$
155265	1920	1919	$\frac{51}{1919}$	$\frac{363}{1919}$	$\frac{389}{1919}$	$\frac{467}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^2$
155266	1920	185	$\frac{1}{37}$	$\frac{7}{37}$	$\frac{1}{5}$	$\frac{9}{37}$	$\Phi_{185}^{13}\ \Phi_{5}^{12}$
155267	1920	95	$\frac{3}{95}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{23}{95}$	$\Phi_{95}^{20}\ \Phi_{19}^{21}\ \Phi_{5}^{20}\ \Phi_{1}^{22}$
155268	1920	570	$\frac{3}{95}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{23}{95}$	$\Phi_{570}^4\ \Phi_{285}^4\ \Phi_{190}^4\ \Phi_{114}^4\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{30}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4$
155269	1920	1919	$\frac{63}{1919}$	$\frac{291}{1919}$	$\frac{407}{1919}$	$\frac{464}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^2$
155270	1920	2310	$\frac{13}{385}$	$\frac{1}{6}$	$\frac{73}{385}$	$\frac{93}{385}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{154}\ \Phi_{110}$ $\Phi_{105}\ \Phi_{70}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
155271	1920	1919	$\frac{67}{1919}$	$\frac{311}{1919}$	$\frac{364}{1919}$	$\frac{463}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^2$
155272	1920	2405	$\frac{17}{481}$	$\frac{73}{481}$	$\frac{1}{5}$	$\frac{116}{481}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
155273	1920	1817	$\frac{3}{79}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{19}{79}$	$\Phi_{1817}\ \Phi_{79}^2\ \Phi_{23}^2\ \Phi_{1}^4$
155274	1920	2765	$\frac{3}{79}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{19}{79}$	$\Phi_{2765}\ \Phi_{35}^2$
155275	1920	1919	$\frac{75}{1919}$	$\frac{243}{1919}$	$\frac{419}{1919}$	$\frac{461}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^2$
155276	1920	2247	$\frac{13}{321}$	$\frac{1}{7}$	$\frac{61}{321}$	$\frac{77}{321}$	$\Phi_{2247}\ \Phi_{749}\ \Phi_{21}$
155277	1920	1919	$\frac{83}{1919}$	$\frac{259}{1919}$	$\frac{365}{1919}$	$\frac{459}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^2$
155278	1920	2405	$\frac{21}{481}$	$\frac{61}{481}$	$\frac{1}{5}$	$\frac{115}{481}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
155279	1920	609	$\frac{1}{21}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{5}{21}$	$\Phi_{609}^3\ \Phi_{203}^3\ \Phi_{87}^3\ \Phi_{29}^4\ \Phi_{21}^6\ \Phi_{7}^6\ \Phi_{3}^6\ \Phi_{1}^8$
155280	1920	42	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{21}$	$\Phi_{42}^{55}\ \Phi_{21}^{37}\ \Phi_{14}^{55}\ \Phi_{7}^{36}\ \Phi_{6}^{54}\ \Phi_{3}^{36}\ \Phi_{2}^{54}\ \Phi_{1}^{36}$
155281	1920	1829	$\frac{3}{59}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{14}{59}$	$\Phi_{1829}\ \Phi_{59}^2\ \Phi_{31}^2\ \Phi_{1}^4$
155282	1920	2655	$\frac{3}{59}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{14}{59}$	$\Phi_{2655}\ \Phi_{885}\ \Phi_{45}^2\ \Phi_{15}^2$
155283	1920	1919	$\frac{99}{1919}$	$\frac{183}{1919}$	$\frac{434}{1919}$	$\frac{455}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^2$
155284	1920	1919	$\frac{99}{1919}$	$\frac{244}{1919}$	$\frac{335}{1919}$	$\frac{455}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^2$
155285	1920	2247	$\frac{17}{321}$	$\frac{1}{7}$	$\frac{49}{321}$	$\frac{76}{321}$	$\Phi_{2247}\ \Phi_{749}\ \Phi_{21}$
155286	1920	1919	$\frac{103}{1919}$	$\frac{271}{1919}$	$\frac{293}{1919}$	$\frac{454}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^2$
155287	1920	2169	$\frac{13}{241}$	$\frac{1}{9}$	$\frac{46}{241}$	$\frac{57}{241}$	$\Phi_{2169}\ \Phi_{723}$
155288	1920	330	$\frac{3}{55}$	$\frac{7}{55}$	$\frac{1}{6}$	$\frac{13}{55}$	$\Phi_{330}^7\ \Phi_{165}^7\ \Phi_{110}^7\ \Phi_{66}^7\ \Phi_{33}^7\ \Phi_{30}^7\ \Phi_{22}^7\ \Phi_{15}^7\ \Phi_{10}^7\ \Phi_{6}^6\ \Phi_{3}^6\ \Phi_{2}^6$
155289	1920	1919	$\frac{115}{1919}$	$\frac{194}{1919}$	$\frac{367}{1919}$	$\frac{451}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^2$
155290	1920	2405	$\frac{29}{481}$	$\frac{46}{481}$	$\frac{1}{5}$	$\frac{113}{481}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
155291	1920	611	$\frac{3}{47}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{11}{47}$	$\Phi_{611}^{3}\ \Phi_{47}^{4}\ \Phi_{13}^{6}\ \Phi_{1}^{8}$
155292	1920	2585	$\frac{3}{47}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{11}{47}$	$\Phi_{2585}\ \Phi_{55}^{2}$
155293	1920	1833	$\frac{3}{47}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{11}{47}$	$\Phi_{1833}\ \Phi_{611}\ \Phi_{141}\ \Phi_{47}^{2}\ \Phi_{39}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
155294	1920	846	$\frac{3}{47}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{11}{47}$	$\Phi_{846}^{3}\ \Phi_{423}^{2}\ \Phi_{282}^{2}\ \Phi_{141}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{18}^{6}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
155295	1920	1919	$\frac{123}{1919}$	$\frac{147}{1919}$	$\frac{443}{1919}$	$\frac{449}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155296	1920	2123	$\frac{13}{193}$	$\frac{1}{11}$	$\frac{37}{193}$	$\frac{45}{193}$	Φ_{2123}
155297	1920	1919	$\frac{131}{1919}$	$\frac{184}{1919}$	$\frac{347}{1919}$	$\frac{447}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155298	1920	2169	$\frac{17}{241}$	$\frac{1}{9}$	$\frac{37}{241}$	$\frac{56}{241}$	$\Phi_{2169}\ \Phi_{723}$
155299	1920	1919	$\frac{143}{1919}$	$\frac{203}{1919}$	$\frac{295}{1919}$	$\frac{444}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155300	1920	2310	$\frac{29}{385}$	$\frac{37}{385}$	$\frac{1}{6}$	$\frac{89}{385}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{154}\ \Phi_{110}\ \Phi_{105}\ \Phi_{70}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
155301	1920	1919	$\frac{147}{1919}$	$\frac{155}{1919}$	$\frac{369}{1919}$	$\frac{443}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155302	1920	65	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{3}{13}$	$\Phi_{65}^{37}\ \Phi_{5}^{36}$
155303	1920	611	$\frac{1}{13}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{3}{13}$	$\Phi_{611}^{3}\ \Phi_{47}^{4}\ \Phi_{13}^{6}\ \Phi_{1}^{8}$
155304	1920	819	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{13}$	$\Phi_{819}^{3}\ \Phi_{273}^{3}\ \Phi_{63}^{4}\ \Phi_{21}^{4}$
155305	1920	2093	$\frac{1}{13}$	$\frac{13}{161}$	$\frac{31}{161}$	$\frac{37}{161}$	$\Phi_{2093}\ \Phi_{299}\ \Phi_{91}$
155306	1920	1919	$\frac{163}{1919}$	$\frac{185}{1919}$	$\frac{289}{1919}$	$\frac{439}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155307	1920	2169	$\frac{21}{241}$	$\frac{1}{9}$	$\frac{31}{241}$	$\frac{55}{241}$	$\Phi_{2169}\ \Phi_{723}$
155308	1920	101	$\frac{9}{101}$	$\frac{11}{101}$	$\frac{13}{101}$	$\frac{23}{101}$	$\Phi_{101}^{19}\ \Phi_{1}^{20}$
155309	1920	2247	$\frac{29}{321}$	$\frac{31}{321}$	$\frac{1}{7}$	$\frac{73}{321}$	$\Phi_{2247}\ \Phi_{749}\ \Phi_{21}$
155310	1920	1919	$\frac{129}{1919}$	$\frac{179}{1919}$	$\frac{371}{1919}$	$\frac{435}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155311	1920	2405	$\frac{31}{481}$	$\frac{45}{481}$	$\frac{1}{5}$	$\frac{109}{481}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
155312	1920	2480	$\frac{1}{16}$	$\frac{3}{31}$	$\frac{1}{5}$	$\frac{7}{31}$	$\Phi_{2480}\ \Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
155313	1920	1829	$\frac{4}{59}$	$\frac{3}{31}$	$\frac{11}{59}$	$\frac{7}{31}$	$\Phi_{1829}\ \Phi_{59}^{2}\ \Phi_{31}^{2}\ \Phi_{1}^{4}$
155314	1920	2418	$\frac{1}{13}$	$\frac{3}{31}$	$\frac{1}{6}$	$\frac{7}{31}$	$\Phi_{2418}\ \Phi_{1209}\ \Phi_{806}\ \Phi_{78}^{2}\ \Phi_{39}^{2}\ \Phi_{26}^{2}$
155315	1920	1829	$\frac{5}{59}$	$\frac{3}{31}$	$\frac{9}{59}$	$\frac{7}{31}$	$\Phi_{1829}\ \Phi_{59}^{2}\ \Phi_{31}^{2}\ \Phi_{1}^{4}$
155316	1920	2387	$\frac{1}{11}$	$\frac{3}{31}$	$\frac{1}{7}$	$\frac{7}{31}$	$\Phi_{2387}\ \Phi_{77}^{2}$
155317	1920	2064	$\frac{1}{16}$	$\frac{13}{129}$	$\frac{25}{129}$	$\frac{29}{129}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{688}\ \Phi_{516}\ \Phi_{344}\ \Phi_{258}\ \Phi_{172}\ \Phi_{86}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
155318	1920	1919	$\frac{124}{1919}$	$\frac{195}{1919}$	$\frac{359}{1919}$	$\frac{431}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155319	1920	2093	$\frac{1}{13}$	$\frac{17}{161}$	$\frac{25}{161}$	$\frac{36}{161}$	$\Phi_{2093}\ \Phi_{299}\ \Phi_{91}$
155320	1920	1919	$\frac{149}{1919}$	$\frac{203}{1919}$	$\frac{295}{1919}$	$\frac{429}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155321	1920	2123	$\frac{1}{11}$	$\frac{21}{193}$	$\frac{25}{193}$	$\frac{43}{193}$	Φ_{2123}
155322	1920	1919	$\frac{167}{1919}$	$\frac{219}{1919}$	$\frac{249}{1919}$	$\frac{425}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155323	1920	2247	$\frac{25}{321}$	$\frac{37}{321}$	$\frac{1}{7}$	$\frac{71}{321}$	$\Phi_{2247}\ \Phi_{749}\ \Phi_{21}$
155324	1920	1919	$\frac{135}{1919}$	$\frac{223}{1919}$	$\frac{299}{1919}$	$\frac{424}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155325	1920	462	$\frac{5}{77}$	$\frac{9}{77}$	$\frac{1}{6}$	$\frac{17}{77}$	$\Phi_{462}^{5}\ \Phi_{231}^{5}\ \Phi_{154}^{5}\ \Phi_{66}^{5}\ \Phi_{42}^{5}\ \Phi_{33}^{5}\ \Phi_{22}^{5}\ \Phi_{21}^{5}\ \Phi_{14}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
155326	1920	1919	$\frac{103}{1919}$	$\frac{227}{1919}$	$\frac{374}{1919}$	$\frac{423}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155327	1920	2405	$\frac{25}{481}$	$\frac{57}{481}$	$\frac{1}{5}$	$\frac{106}{481}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
155328	1920	2415	$\frac{1}{21}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{5}{23}$	$\Phi_{2415}\ \Phi_{805}\ \Phi_{345}\ \Phi_{105}^{2}\ \Phi_{35}^{2}\ \Phi_{15}^{2}$
155329	1920	1817	$\frac{4}{79}$	$\frac{3}{23}$	$\frac{15}{79}$	$\frac{5}{23}$	$\Phi_{1817}\ \Phi_{79}^{2}\ \Phi_{23}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
155330	1920	2346	$\frac{1}{17}$	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{5}{23}$	$\Phi_{2346}\ \Phi_{1173}\ \Phi_{782}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}^2$
155331	1920	1817	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{3}{23}$	$\frac{5}{23}$	$\Phi_{1817}\ \Phi_{79}^2\ \Phi_{23}^2\ \Phi_1^4$
155332	1920	2277	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{3}{23}$	$\frac{5}{23}$	$\Phi_{2277}\ \Phi_{759}\ \Phi_{99}^2\ \Phi_{33}^2$
155333	1920	2037	$\frac{1}{21}$	$\frac{13}{97}$	$\frac{19}{97}$	$\frac{21}{97}$	$\Phi_{2037}\ \Phi_{679}\ \Phi_{291}$
155334	1920	1919	$\frac{94}{1919}$	$\frac{259}{1919}$	$\frac{365}{1919}$	$\frac{415}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
155335	1920	2057	$\frac{1}{17}$	$\frac{17}{121}$	$\frac{19}{121}$	$\frac{26}{121}$	$\Phi_{2057}\ \Phi_{187}$
155336	1920	1919	$\frac{151}{1919}$	$\frac{221}{1919}$	$\frac{283}{1919}$	$\frac{409}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
155337	1920	2123	$\frac{1}{11}$	$\frac{19}{193}$	$\frac{29}{193}$	$\frac{41}{193}$	Φ_{2123}
155338	1920	1919	$\frac{173}{1919}$	$\frac{189}{1919}$	$\frac{291}{1919}$	$\frac{407}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
155339	1920	2169	$\frac{19}{241}$	$\frac{1}{9}$	$\frac{37}{241}$	$\frac{51}{241}$	$\Phi_{2169}\ \Phi_{723}$
155340	1920	475	$\frac{1}{25}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{475}^4\ \Phi_{95}^3\ \Phi_{25}^8\ \Phi_{19}^4\ \Phi_5^6\ \Phi_1^8$
155341	1920	19	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{19}^{101}\ \Phi_1^{102}$
155342	1920	2261	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{2261}\ \Phi_{119}^2$
155343	1920	95	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{95}^{20}\ \Phi_{19}^{21}\ \Phi_5^{20}\ \Phi_1^{22}$
155344	1920	2223	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{2223}\ \Phi_{741}\ \Phi_{117}^2\ \Phi_{39}^2$
155345	1920	2310	$\frac{19}{385}$	$\frac{61}{385}$	$\frac{1}{6}$	$\frac{81}{385}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{154}\ \Phi_{110}$ $\Phi_{105}\ \Phi_{70}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
155346	1920	1919	$\frac{77}{1919}$	$\frac{307}{1919}$	$\frac{379}{1919}$	$\frac{403}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
155347	1920	2405	$\frac{19}{481}$	$\frac{77}{481}$	$\frac{1}{5}$	$\frac{101}{481}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
155348	1920	2025	$\frac{1}{25}$	$\frac{13}{81}$	$\frac{16}{81}$	$\frac{17}{81}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{405}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}\ \Phi_{45}\ \Phi_{15}$
155349	1920	101	$\frac{5}{101}$	$\frac{16}{101}$	$\frac{17}{101}$	$\frac{21}{101}$	$\Phi_{101}^{19}\ \Phi_1^{20}$
155350	1920	2057	$\frac{1}{17}$	$\frac{16}{121}$	$\frac{21}{121}$	$\frac{25}{121}$	$\Phi_{2057}\ \Phi_{187}$
155351	1920	1919	$\frac{127}{1919}$	$\frac{224}{1919}$	$\frac{339}{1919}$	$\frac{395}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
155352	1920	2093	$\frac{1}{13}$	$\frac{16}{161}$	$\frac{29}{161}$	$\frac{33}{161}$	$\Phi_{2093}\ \Phi_{299}\ \Phi_{91}$
155353	1920	1919	$\frac{144}{1919}$	$\frac{191}{1919}$	$\frac{355}{1919}$	$\frac{391}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
155354	1920	2169	$\frac{16}{241}$	$\frac{1}{9}$	$\frac{45}{241}$	$\frac{49}{241}$	$\Phi_{2169}\ \Phi_{723}$
155355	1920	1919	$\frac{104}{1919}$	$\frac{255}{1919}$	$\frac{363}{1919}$	$\frac{389}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
155356	1920	2247	$\frac{16}{321}$	$\frac{1}{7}$	$\frac{61}{321}$	$\frac{65}{321}$	$\Phi_{2247}\ \Phi_{749}\ \Phi_{21}$
155357	1920	1919	$\frac{64}{1919}$	$\frac{371}{1919}$	$\frac{383}{1919}$	$\frac{387}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_1^2$
155358	1920	2405	$\frac{16}{481}$	$\frac{93}{481}$	$\frac{1}{5}$	$\frac{97}{481}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
155359	1920	155	$\frac{1}{31}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{155}^{13}\ \Phi_{31}^{12}$
155360	1920	595	$\frac{4}{119}$	$\frac{23}{119}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{595}^3\ \Phi_{119}^4\ \Phi_{85}^3\ \Phi_{35}^3\ \Phi_{17}^4\ \Phi_7^4\ \Phi_5^6\ \Phi_1^8$
155361	1920	150	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{150}^{16}\ \Phi_{75}^{16}\ \Phi_{50}^{16}\ \Phi_{30}^{13}\ \Phi_{15}^{13}\ \Phi_{10}^{13}\ \Phi_6^{12}\ \Phi_3^{12}\ \Phi_2^{12}$
155362	1920	595	$\frac{5}{119}$	$\frac{19}{119}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{595}^3\ \Phi_{119}^4\ \Phi_{85}^3\ \Phi_{35}^3\ \Phi_{17}^4\ \Phi_7^4\ \Phi_5^6\ \Phi_1^8$
155363	1920	105	$\frac{1}{21}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{105}^{18}\ \Phi_{35}^{15}\ \Phi_{21}^{24}\ \Phi_{15}^{18}\ \Phi_7^{20}\ \Phi_5^{18}\ \Phi_3^{24}\ \Phi_1^{24}$
155364	1920	85	$\frac{1}{17}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{85}^{21}\ \Phi_{17}^{28}\ \Phi_5^{24}\ \Phi_1^{32}$
155365	1920	720	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{144}^4\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^4\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{36}^4$ $\Phi_{30}^3\ \Phi_{24}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_6^4$
155366	1920	595	$\frac{9}{119}$	$\frac{11}{119}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{595}^3\ \Phi_{119}^4\ \Phi_{85}^3\ \Phi_{35}^3\ \Phi_{17}^4\ \Phi_7^4\ \Phi_5^6\ \Phi_1^8$
155367	1920	715	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{715}^3\ \Phi_{143}^4$
155368	1920	2850	$\frac{4}{95}$	$\frac{1}{6}$	$\frac{91}{475}$	$\frac{1}{5}$	$\Phi_{2850}\ \Phi_{1425}\ \Phi_{950}\ \Phi_{150}\ \Phi_{75}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
155369	1920	2765	$\frac{4}{79}$	$\frac{1}{7}$	$\frac{15}{79}$	$\frac{1}{5}$	$\Phi_{2765}\ \Phi_{35}^{2}$
155370	1920	185	$\frac{2}{37}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{1}{5}$	$\Phi_{185}^{13}\ \Phi_{5}^{12}$
155371	1920	2655	$\frac{4}{59}$	$\frac{1}{9}$	$\frac{11}{59}$	$\frac{1}{5}$	$\Phi_{2655}\ \Phi_{885}\ \Phi_{45}^{2}\ \Phi_{15}^{2}$
155372	1920	2405	$\frac{36}{481}$	$\frac{49}{481}$	$\frac{89}{481}$	$\frac{1}{5}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
155373	1920	195	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{5}$	$\Phi_{195}^{12}\ \Phi_{65}^{13}\ \Phi_{15}^{12}\ \Phi_{5}^{12}$
155374	1920	2405	$\frac{33}{481}$	$\frac{56}{481}$	$\frac{85}{481}$	$\frac{1}{5}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
155375	1920	2465	$\frac{1}{17}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{5}$	$\Phi_{2465}\ \Phi_{85}^{2}$
155376	1920	2405	$\frac{25}{481}$	$\frac{76}{481}$	$\frac{81}{481}$	$\frac{1}{5}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
155377	1920	570	$\frac{1}{19}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{570}^{5}\ \Phi_{285}^{5}\ \Phi_{190}^{5}\ \Phi_{30}^{6}\ \Phi_{15}^{6}\ \Phi_{10}^{6}$
155378	1920	3570	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{3570}\ \Phi_{1785}\ \Phi_{1190}$
155379	1920	570	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{570}^{4}\ \Phi_{285}^{4}\ \Phi_{190}^{4}\ \Phi_{114}^{4}\ \Phi_{57}^{4}\ \Phi_{38}^{4}\ \Phi_{30}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
155380	1920	1170	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1170}^{3}\ \Phi_{585}^{2}\ \Phi_{390}^{2}\ \Phi_{195}\ \Phi_{130}^{2}\ \Phi_{65}^{2}$
155381	1920	455	$\frac{1}{13}$	$\frac{11}{91}$	$\frac{2}{13}$	$\frac{1}{5}$	$\Phi_{455}^{6}\ \Phi_{65}\ \Phi_{35}^{6}$
155382	1920	2655	$\frac{5}{59}$	$\frac{1}{9}$	$\frac{9}{59}$	$\frac{1}{5}$	$\Phi_{2655}\ \Phi_{885}\ \Phi_{45}^{2}\ \Phi_{15}^{2}$
155383	1920	2405	$\frac{43}{481}$	$\frac{51}{481}$	$\frac{73}{481}$	$\frac{1}{5}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
155384	1920	2585	$\frac{1}{11}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{5}$	$\Phi_{2585}\ \Phi_{55}^{2}$
155385	1920	2405	$\frac{41}{481}$	$\frac{55}{481}$	$\frac{71}{481}$	$\frac{1}{5}$	$\Phi_{2405}\ \Phi_{185}\ \Phi_{65}$
155386	1920	2765	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{2765}\ \Phi_{35}^{2}$
155387	1920	3465	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{3465}\ \Phi_{1155}$
155388	1920	1833	$\frac{4}{39}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{7}{39}$	$\Phi_{1833}\ \Phi_{611}\ \Phi_{141}\ \Phi_{47}^{2}\ \Phi_{39}^{2}\ \Phi_{13}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
155389	1920	819	$\frac{4}{39}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{7}{39}$	$\Phi_{819}^{3}\ \Phi_{273}^{2}\ \Phi_{91}^{2}\ \Phi_{63}^{4}\ \Phi_{21}^{3}\ \Phi_{7}^{2}$
155390	1920	1919	$\frac{197}{1919}$	$\frac{204}{1919}$	$\frac{287}{1919}$	$\frac{343}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155391	1920	2169	$\frac{26}{241}$	$\frac{1}{9}$	$\frac{33}{241}$	$\frac{43}{241}$	$\Phi_{2169}\ \Phi_{723}$
155392	1920	1919	$\frac{207}{1919}$	$\frac{214}{1919}$	$\frac{263}{1919}$	$\frac{341}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155393	1920	749	$\frac{11}{107}$	$\frac{12}{107}$	$\frac{1}{7}$	$\frac{19}{107}$	$\Phi_{749}^{3}\ \Phi_{7}^{2}$
155394	1920	1015	$\frac{3}{35}$	$\frac{4}{29}$	$\frac{1}{7}$	$\frac{5}{29}$	$\Phi_{1015}^{2}\ \Phi_{203}\ \Phi_{145}^{2}\ \Phi_{35}^{4}\ \Phi_{29}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
155395	1920	261	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{29}$	$\frac{5}{29}$	$\Phi_{261}^{7}\ \Phi_{87}^{7}\ \Phi_{29}^{8}\ \Phi_{9}^{14}\ \Phi_{3}^{14}\ \Phi_{1}^{16}$
155396	1920	1919	$\frac{199}{1919}$	$\frac{215}{1919}$	$\frac{284}{1919}$	$\frac{327}{1919}$	$\Phi_{1919}\ \Phi_{101}\ \Phi_{19}\ \Phi_{1}^{2}$
155397	1920	2169	$\frac{25}{241}$	$\frac{1}{9}$	$\frac{36}{241}$	$\frac{41}{241}$	$\Phi_{2169}\ \Phi_{723}$
155398	1920	462	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{1}{6}$	$\frac{13}{77}$	$\Phi_{462}^{5}\ \Phi_{231}^{5}\ \Phi_{154}^{5}\ \Phi_{66}^{5}\ \Phi_{42}^{5}\ \Phi_{33}^{5}\ \Phi_{22}^{5}\ \Phi_{21}^{5}\ \Phi_{14}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
155399	1920	846	$\frac{5}{47}$	$\frac{1}{9}$	$\frac{7}{47}$	$\frac{1}{6}$	$\Phi_{846}^{3}\ \Phi_{423}^{2}\ \Phi_{282}^{2}\ \Phi_{141}\ \Phi_{94}^{2}\ \Phi_{47}^{2}\ \Phi_{18}^{6}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
155400	1920	2310	$\frac{41}{385}$	$\frac{43}{385}$	$\frac{57}{385}$	$\frac{1}{6}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{154}\ \Phi_{110}$ $\Phi_{105}\ \Phi_{70}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
155401	1920	210	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{210}^{12}\ \Phi_{105}^{12}\ \Phi_{70}^{12}\ \Phi_{42}^{7}\ \Phi_{30}^{12}\ \Phi_{21}^{7}\ \Phi_{15}^{12}\ \Phi_{14}^{7}\ \Phi_{10}^{12}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}$
155402	1920	294	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{294}^{9}\ \Phi_{147}^{6}\ \Phi_{98}^{9}\ \Phi_{49}^{6}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
155403	1920	126	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{126}^{21}\ \Phi_{63}^{14}\ \Phi_{42}^{22}\ \Phi_{21}^{15}\ \Phi_{14}^{22}\ \Phi_{7}^{14}$
155404	1921	3072	$\frac{1}{384}$	$\frac{385}{1536}$	$\frac{1151}{3072}$	$\frac{383}{768}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{768}\ \Phi_{256}\ \Phi_{1}$
155405	1921	3816	$\frac{13}{1908}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1895}{3816}$	$\Phi_{3816}\ \Phi_{1272}\ \Phi_{424}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
155406	1921	2568	$\frac{5}{642}$	$\frac{1}{6}$	$\frac{647}{2568}$	$\frac{637}{1284}$	$\Phi_{2568}\ \Phi_{856}\ \Phi_{642}\ \Phi_{321}\ \Phi_{214}\ \Phi_{107}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
155407	1921	3584	$\frac{1}{128}$	$\frac{129}{1792}$	$\frac{1663}{3584}$	$\frac{127}{256}$	$\Phi_{3584}\ \Phi_{512}\ \Phi_{256}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
155408	1921	224	$\frac{1}{112}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{111}{224}$	$\Phi_{224}\ \Phi_{112}^{16}\ \Phi_{56}^{16}\ \Phi_{32}^{2}\ \Phi_{28}^{16}\ \Phi_{16}^{16}\ \Phi_{14}^{16}\ \Phi_{8}^{16}\ \Phi_{7}^{16}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
155409	1921	672	$\frac{1}{112}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{111}{224}$	$\Phi_{672}^{8}\ \Phi_{224}\ \Phi_{96}^{8}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
155410	1921	1120	$\frac{1}{112}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{111}{224}$	$\Phi_{1120}^{4}\ \Phi_{224}\ \Phi_{160}^{4}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
155411	1921	2310	$\frac{4}{385}$	$\frac{389}{2310}$	$\frac{1}{5}$	$\frac{381}{770}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{385}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}\ \Phi_{66}\ \Phi_{55}\ \Phi_{42}\ \Phi_{35}\ \Phi_{33}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{11}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
155412	1921	3800	$\frac{21}{1900}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1879}{3800}$	$\Phi_{3800}\ \Phi_{760}\ \Phi_{200}\ \Phi_{152}\ \Phi_{40}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
155413	1921	2200	$\frac{4}{275}$	$\frac{279}{2200}$	$\frac{1}{5}$	$\frac{271}{550}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{440}\ \Phi_{275}\ \Phi_{220}\ \Phi_{200}\ \Phi_{100}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
155414	1921	3780	$\frac{31}{1890}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1859}{3780}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{108}\ \Phi_{84}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
155415	1921	3780	$\frac{31}{1890}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1859}{3780}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{108}\ \Phi_{84}\ \Phi_{60}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
155416	1921	666	$\frac{2}{111}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{109}{222}$	$\Phi_{666}^{3}\ \Phi_{333}^{3}\ \Phi_{222}^{2}\ \Phi_{111}^{3}\ \Phi_{74}^{2}\ \Phi_{37}^{3}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
155417	1921	2072	$\frac{3}{148}$	$\frac{151}{2072}$	$\frac{1}{4}$	$\frac{145}{296}$	$\Phi_{2072}\ \Phi_{1036}\ \Phi_{518}\ \Phi_{259}\ \Phi_{148}\ \Phi_{74}\ \Phi_{56}\ \Phi_{37}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
155418	1921	2580	$\frac{14}{645}$	$\frac{1}{15}$	$\frac{659}{2580}$	$\frac{631}{1290}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{645}\ \Phi_{516}\ \Phi_{215}\ \Phi_{172}\ \Phi_{129}\ \Phi_{60}\ \Phi_{43}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
155419	1921	2100	$\frac{4}{175}$	$\frac{179}{2100}$	$\frac{1}{5}$	$\frac{171}{350}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{25}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
155420	1921	3744	$\frac{49}{1872}$	$\frac{1}{24}$	$\frac{23}{72}$	$\frac{1823}{3744}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
155421	1921	3744	$\frac{49}{1872}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{1823}{3744}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{96}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
155422	1921	1368	$\frac{1}{38}$	$\frac{1}{18}$	$\frac{39}{152}$	$\frac{37}{76}$	$\Phi_{1368}^{2}\ \Phi_{456}^{2}\ \Phi_{342}^{2}\ \Phi_{171}^{2}\ \Phi_{152}\ \Phi_{114}^{2}\ \Phi_{72}^{2}\ \Phi_{57}^{2}\ \Phi_{38}\ \Phi_{24}^{2}\ \Phi_{19}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
155423	1921	220	$\frac{3}{110}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{107}{220}$	$\Phi_{220}^{17}\ \Phi_{55}\ \Phi_{44}^{17}\ \Phi_{20}^{17}\ \Phi_{11}\ \Phi_{4}^{17}\ \Phi_{1}$
155424	1921	2592	$\frac{23}{648}$	$\frac{1}{24}$	$\frac{671}{2592}$	$\frac{625}{1296}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{648}\ \Phi_{324}\ \Phi_{288}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{96}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
155425	1921	3696	$\frac{73}{1848}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{1775}{3696}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
155426	1921	2208	$\frac{11}{276}$	$\frac{1}{12}$	$\frac{287}{2208}$	$\frac{265}{552}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{368}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}\ \Phi_{92}\ \Phi_{69}\ \Phi_{48}\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_{16}\ \Phi_{1}$
155427	1921	216	$\frac{5}{108}$	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{103}{216}$	$\Phi_{216}^{17}\ \Phi_{72}^{17}\ \Phi_{24}^{17}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{17}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
155428	1921	1976	$\frac{55}{1976}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{1976}\ \Phi_{988}\ \Phi_{494}\ \Phi_{247}\ \Phi_{152}\ \Phi_{76}\ \Phi_{52}\ \Phi_{38}\ \Phi_{26}\ \Phi_{19}\ \Phi_{13}\ \Phi_{1}$
155429	1921	672	$\frac{1}{56}$	$\frac{1}{16}$	$\frac{55}{168}$	$\frac{15}{32}$	$\Phi_{672}^{8}\ \Phi_{168}\ \Phi_{96}^{8}\ \Phi_{84}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
155430	1921	928	$\frac{3}{116}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{928}^{4}\ \Phi_{116}\ \Phi_{58}\ \Phi_{32}\ \Phi_{29}\ \Phi_{1}$
155431	1921	1120	$\frac{1}{28}$	$\frac{1}{16}$	$\frac{27}{140}$	$\frac{15}{32}$	$\Phi_{1120}^{4}\ \Phi_{160}^{4}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
155432	1921	3808	$\frac{6}{119}$	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{3808}\ \Phi_{544}\ \Phi_{119}\ \Phi_{32}\ \Phi_{17}\ \Phi_{1}$
155433	1921	480	$\frac{7}{120}$	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{15}{32}$	$\Phi_{480}^{8}\ \Phi_{160}^{8}\ \Phi_{120}\ \Phi_{96}^{8}\ \Phi_{60}\ \Phi_{40}\ \Phi_{32}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
155434	1921	128	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{15}{32}$	$\Phi_{128}^{17}\ \Phi_{64}^{17}\ \Phi_{32}^{2}\ \Phi_{16}^{16}\ \Phi_{8}^{16}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
155435	1921	2016	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{15}{32}$	$\Phi_{2016}^{2}\ \Phi_{672}^{2}\ \Phi_{288}^{2}\ \Phi_{126}\ \Phi_{96}^{2}\ \Phi_{63}\ \Phi_{42}\ \Phi_{32}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
155436	1921	3600	$\frac{1}{60}$	$\frac{121}{1800}$	$\frac{59}{180}$	$\frac{1679}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
155437	1921	3600	$\frac{1}{30}$	$\frac{121}{1800}$	$\frac{29}{150}$	$\frac{1679}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{150}\ \Phi_{144}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}\ \Phi_{16}\ \Phi_{1}$
155438	1921	1980	$\frac{59}{1980}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
155439	1921	2340	$\frac{1}{30}$	$\frac{29}{390}$	$\frac{419}{2340}$	$\frac{361}{780}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{585}\ \Phi_{468}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{180}\ \Phi_{130}\ \Phi_{117}\ \Phi_{90}\ \Phi_{78}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
155440	1921	3552	$\frac{3}{148}$	$\frac{145}{1776}$	$\frac{1}{4}$	$\frac{1631}{3552}$	$\Phi_{3552}\ \Phi_{1184}\ \Phi_{148}\ \Phi_{96}\ \Phi_{74}\ \Phi_{37}\ \Phi_{32}\ \Phi_{1}$
155441	1921	2112	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{191}{2112}$	$\frac{161}{352}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{64}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
155442	1921	2640	$\frac{1}{60}$	$\frac{59}{660}$	$\frac{719}{2640}$	$\frac{601}{1320}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{240}\ \Phi_{220}\ \Phi_{176}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{80}\ \Phi_{66}\ \Phi_{55}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
155443	1921	3520	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{161}{1760}$	$\frac{1599}{3520}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{176}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
155444	1921	3500	$\frac{4}{175}$	$\frac{171}{1750}$	$\frac{1}{5}$	$\frac{1579}{3500}$	$\Phi_{3500}\ \Phi_{700}\ \Phi_{500}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
155445	1921	2160	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{239}{2160}$	$\frac{193}{432}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
155446	1921	3456	$\frac{1}{96}$	$\frac{193}{1728}$	$\frac{95}{288}$	$\frac{1535}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
155447	1921	3456	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{193}{1728}$	$\frac{1535}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{216}\ \Phi_{128}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
155448	1921	1960	$\frac{39}{1960}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
155449	1921	2016	$\frac{95}{2016}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{168}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
155450	1921	570	$\frac{1}{114}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{570}^3\ \Phi_{285}^3\ \Phi_{190}^3\ \Phi_{114}^5\ \Phi_{95}^3\ \Phi_{57}^5\ \Phi_{38}^5\ \Phi_{30}^2\ \Phi_{19}^5\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
155451	1921	120	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{30}$	$\Phi_{120}^{17}\ \Phi_{60}^{17}\ \Phi_{40}^{17}\ \Phi_{30}^{10}\ \Phi_{24}^{17}\ \Phi_{20}^{17}\ \Phi_{15}^{16}\ \Phi_{12}^{17}\ \Phi_{10}^{10}\ \Phi_{8}^{17}\ \Phi_{6}^{10}\ \Phi_{5}^{16}\ \Phi_{4}^{17}\ \Phi_{3}^{16}\ \Phi_{2}^{10}\ \Phi_{1}^{17}$
155452	1921	2240	$\frac{1}{40}$	$\frac{39}{280}$	$\frac{319}{2240}$	$\frac{241}{560}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{64}\ \Phi_{56}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
155453	1921	2688	$\frac{1}{96}$	$\frac{95}{672}$	$\frac{767}{2688}$	$\frac{577}{1344}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{128}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
155454	1921	3360	$\frac{1}{40}$	$\frac{39}{280}$	$\frac{241}{1680}$	$\frac{1439}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{96}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
155455	1921	1950	$\frac{29}{1950}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{390}\ \Phi_{325}\ \Phi_{195}\ \Phi_{150}\ \Phi_{130}\ \Phi_{78}\ \Phi_{75}\ \Phi_{65}\ \Phi_{39}\ \Phi_{30}\ \Phi_{26}\ \Phi_{25}\ \Phi_{15}\ \Phi_{13}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
155456	1921	3312	$\frac{11}{276}$	$\frac{1}{12}$	$\frac{265}{1656}$	$\frac{1391}{3312}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{276}\ \Phi_{144}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{48}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_{1}$
155457	1921	3300	$\frac{4}{275}$	$\frac{271}{1650}$	$\frac{1}{5}$	$\frac{1379}{3300}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{300}\ \Phi_{275}\ \Phi_{220}\ \Phi_{132}\ \Phi_{100}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
155458	1921	456	$\frac{1}{114}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{456}^6\ \Phi_{152}^6\ \Phi_{114}^5\ \Phi_{57}^5\ \Phi_{38}^5\ \Phi_{24}^5\ \Phi_{19}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
155459	1921	360	$\frac{1}{18}$	$\frac{7}{120}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^5\ \Phi_{90}^6\ \Phi_{72}^6\ \Phi_{60}^5\ \Phi_{45}^6\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^5\ \Phi_{20}^5\ \Phi_{18}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_{9}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
155460	1921	1710	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{18}{95}$	$\frac{77}{190}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{342}^2\ \Phi_{285}\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{95}\ \Phi_{90}\ \Phi_{57}^2\ \Phi_{45}\ \Phi_{38}\ \Phi_{30}\ \Phi_{19}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
155461	1921	2100	$\frac{1}{30}$	$\frac{179}{2100}$	$\frac{29}{150}$	$\frac{121}{300}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{75}\ \Phi_{70}\ \Phi_{50}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
155462	1921	2400	$\frac{1}{80}$	$\frac{79}{400}$	$\frac{479}{2400}$	$\frac{321}{800}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{96}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
155463	1921	3200	$\frac{1}{80}$	$\frac{79}{400}$	$\frac{321}{1600}$	$\frac{1279}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{400}\ \Phi_{200}\ \Phi_{128}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{1}$
155464	1921	3120	$\frac{1}{30}$	$\frac{29}{390}$	$\frac{361}{1560}$	$\frac{1199}{3120}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{390}\ \Phi_{240}\ \Phi_{208}\ \Phi_{195}\ \Phi_{130}\ \Phi_{80}\ \Phi_{78}\ \Phi_{65}\ \Phi_{48}\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
155465	1921	3080	$\frac{4}{385}$	$\frac{1}{5}$	$\frac{381}{1540}$	$\frac{1159}{3080}$	$\Phi_{3080}\ \Phi_{616}\ \Phi_{440}\ \Phi_{385}\ \Phi_{280}\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{55}\ \Phi_{40}\ \Phi_{35}\ \Phi_{11}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
155466	1921	3072	$\frac{1}{128}$	$\frac{127}{512}$	$\frac{385}{1536}$	$\frac{1151}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
155467	1921	1944	$\frac{23}{1944}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
155468	1921	1980	$\frac{59}{1980}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_1$
155469	1921	2016	$\frac{1}{24}$	$\frac{95}{2016}$	$\frac{23}{72}$	$\frac{49}{144}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
155470	1921	2160	$\frac{1}{60}$	$\frac{239}{2160}$	$\frac{59}{180}$	$\frac{121}{360}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{80}\ \Phi_{54}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
155471	1921	2304	$\frac{1}{96}$	$\frac{383}{2304}$	$\frac{95}{288}$	$\frac{193}{576}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
155472	1921	2880	$\frac{1}{240}$	$\frac{239}{720}$	$\frac{959}{2880}$	$\frac{481}{1440}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{720}\ \Phi_{576}\ \Phi_{360}\ \Phi_{320}\ \Phi_{192}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{64}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
155473	1921	2592	$\frac{1}{96}$	$\frac{193}{864}$	$\frac{671}{2592}$	$\frac{95}{288}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{288}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
155474	1921	2862	$\frac{13}{954}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{941}{2862}$	$\Phi_{2862}\ \Phi_{1431}\ \Phi_{54}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
155475	1921	2475	$\frac{4}{275}$	$\frac{1}{5}$	$\frac{554}{2475}$	$\frac{271}{825}$	$\Phi_{2475}\ \Phi_{495}\ \Phi_{275}\ \Phi_{225}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{25}\ \Phi_{11}\ \Phi_9\ \Phi_1$
155476	1921	2700	$\frac{1}{60}$	$\frac{121}{900}$	$\frac{779}{2700}$	$\frac{59}{180}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
155477	1921	168	$\frac{1}{56}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{55}{168}$	$\Phi_{168}^9\ \Phi_{84}^9\ \Phi_{56}^{16}\ \Phi_{42}^9\ \Phi_{28}^{16}\ \Phi_{24}^{10}\ \Phi_{21}^9\ \Phi_{14}^{16}\ \Phi_{12}^{10}\ \Phi_8^{16}\ \Phi_7^{16}\ \Phi_6^{10}\ \Phi_4^{16}\ \Phi_3^{10}\ \Phi_2^{16}\ \Phi_1^{17}$
155478	1921	840	$\frac{1}{56}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{55}{168}$	$\Phi_{840}^4\ \Phi_{420}^4\ \Phi_{210}^4\ \Phi_{168}\ \Phi_{120}^4\ \Phi_{105}^4\ \Phi_{84}\ \Phi_{60}^4\ \Phi_{42}\ \Phi_{30}^4\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}^4\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
155479	1921	2220	$\frac{3}{148}$	$\frac{299}{2220}$	$\frac{1}{4}$	$\frac{145}{444}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{740}\ \Phi_{555}\ \Phi_{370}\ \Phi_{185}\ \Phi_{148}\ \Phi_{74}\ \Phi_{60}\ \Phi_{37}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
155480	1921	2850	$\frac{21}{950}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{929}{2850}$	$\Phi_{2850}\ \Phi_{1425}\ \Phi_{570}\ \Phi_{285}\ \Phi_{150}\ \Phi_{114}\ \Phi_{75}\ \Phi_{57}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_6\ \Phi_3\ \Phi_1$
155481	1921	2835	$\frac{31}{945}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{914}{2835}$	$\Phi_{2835}\ \Phi_{567}\ \Phi_{405}\ \Phi_{81}\ \Phi_{45}\ \Phi_9\ \Phi_1$
155482	1921	2835	$\frac{31}{945}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{914}{2835}$	$\Phi_{2835}\ \Phi_{567}\ \Phi_{405}\ \Phi_{81}\ \Phi_{35}\ \Phi_7\ \Phi_1$
155483	1921	2484	$\frac{11}{276}$	$\frac{1}{12}$	$\frac{563}{2484}$	$\frac{265}{828}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{621}\ \Phi_{276}\ \Phi_{138}\ \Phi_{108}\ \Phi_{92}\ \Phi_{69}\ \Phi_{54}\ \Phi_{46}\ \Phi_{27}\ \Phi_{23}\ \Phi_1$
155484	1921	125	$\frac{1}{25}$	$\frac{12}{125}$	$\frac{1}{5}$	$\frac{8}{25}$	$\Phi_{125}^{17}\ \Phi_{25}^9\ \Phi_5^8\ \Phi_1^9$
155485	1921	2808	$\frac{1}{24}$	$\frac{49}{936}$	$\frac{887}{2808}$	$\frac{23}{72}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
155486	1921	2808	$\frac{49}{936}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{887}{2808}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{216}\ \Phi_{108}\ \Phi_{54}\ \Phi_{52}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
155487	1921	165	$\frac{3}{55}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{52}{165}$	$\Phi_{165}^{17}\ \Phi_{55}\ \Phi_{33}^{17}\ \Phi_{15}^{17}\ \Phi_{11}\ \Phi_3^{17}\ \Phi_1$
155488	1921	2028	$\frac{107}{2028}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{156}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{676}\ \Phi_{507}\ \Phi_{338}\ \Phi_{169}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
155489	1921	2520	$\frac{31}{630}$	$\frac{1}{15}$	$\frac{599}{2520}$	$\frac{14}{45}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}\ \Phi_{60}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
155490	1921	2025	$\frac{104}{2025}$	$\frac{1}{15}$	$\frac{31}{135}$	$\frac{14}{45}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{405}\ \Phi_{225}\ \Phi_{81}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_9\ \Phi_1$
155491	1921	2205	$\frac{1}{15}$	$\frac{31}{315}$	$\frac{284}{2205}$	$\frac{14}{45}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{441}\ \Phi_{245}\ \Phi_{147}\ \Phi_{49}\ \Phi_{45}\ \Phi_9\ \Phi_1$
155492	1921	2160	$\frac{1}{15}$	$\frac{239}{2160}$	$\frac{31}{270}$	$\frac{14}{45}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
155493	1921	2772	$\frac{73}{924}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{851}{2772}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
155494	1921	162	$\frac{1}{18}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{162}$	$\Phi_{162}^{17}\ \Phi_{81}^{17}\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
155495	1921	1995	$\frac{74}{1995}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{285}\ \Phi_{133}\ \Phi_{95}\ \Phi_{57}\ \Phi_{35}\ \Phi_{19}\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
155496	1921	696	$\frac{3}{116}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{696}^4\ \Phi_{348}^4\ \Phi_{174}^4\ \Phi_{116}\ \Phi_{87}^4\ \Phi_{58}\ \Phi_{29}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
155497	1921	840	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{27}{140}$	$\frac{7}{24}$	$\Phi_{840}^4\ \Phi_{420}^4\ \Phi_{210}^4\ \Phi_{140}\ \Phi_{120}^4\ \Phi_{105}^4\ \Phi_{70}\ \Phi_{60}^4\ \Phi_{35}\ \Phi_{30}^4\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}^4\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
155498	1921	2856	$\frac{6}{119}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{408}\ \Phi_{357}\ \Phi_{204}\ \Phi_{119}\ \Phi_{102}\ \Phi_{51}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
155499	1921	120	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{120}^{17}\ \Phi_{60}^{17}\ \Phi_{40}^{17}\ \Phi_{30}^{17}\ \Phi_{24}^{10}\ \Phi_{20}^{17}\ \Phi_{15}^{17}\ \Phi_{12}^{10}\ \Phi_{10}^{17}\ \Phi_8^{16}\ \Phi_6^{10}\ \Phi_5^{17}\ \Phi_4^{16}\ \Phi_3^{10}\ \Phi_2^{16}\ \Phi_1^{17}$
155500	1921	384	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{384}^8\ \Phi_{192}^8\ \Phi_{128}\ \Phi_{96}^8\ \Phi_{64}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
155501	1921	504	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^2\ \Phi_{126}^5\ \Phi_{84}^2\ \Phi_{72}^4\ \Phi_{63}^5\ \Phi_{56}^4\ \Phi_{42}^3\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{18}^5\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_9^5\ \Phi_8^4\ \Phi_7^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
155502	1921	2700	$\frac{1}{30}$	$\frac{121}{900}$	$\frac{29}{150}$	$\frac{779}{2700}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{150}\ \Phi_{135}\ \Phi_{108}\ \Phi_{75}\ \Phi_{54}\ \Phi_{50}\ \Phi_{27}\ \Phi_{25}\ \Phi_1$
155503	1921	2520	$\frac{1}{40}$	$\frac{39}{280}$	$\frac{599}{2520}$	$\frac{241}{840}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{70}\ \Phi_{63}\ \Phi_{56}\ \Phi_{45}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
155504	1921	2664	$\frac{3}{148}$	$\frac{145}{888}$	$\frac{1}{4}$	$\frac{743}{2664}$	$\Phi_{2664}\ \Phi_{1332}\ \Phi_{666}\ \Phi_{333}\ \Phi_{148}\ \Phi_{74}\ \Phi_{72}\ \Phi_{37}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
155505	1921	126	$\frac{1}{18}$	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{126}^{17}\ \Phi_{63}^{17}\ \Phi_{42}^{17}\ \Phi_{21}^{17}\ \Phi_{18}^5\ \Phi_{14}^{17}\ \Phi_9^5\ \Phi_7^{17}\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
155506	1921	2640	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{161}{880}$	$\frac{719}{2640}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{176}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{22}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
155507	1921	2250	$\frac{1}{30}$	$\frac{329}{2250}$	$\frac{29}{150}$	$\frac{121}{450}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{750}\ \Phi_{375}\ \Phi_{250}\ \Phi_{150}\ \Phi_{125}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_1$
155508	1921	2625	$\frac{4}{175}$	$\frac{171}{875}$	$\frac{1}{5}$	$\frac{704}{2625}$	$\Phi_{2625}\ \Phi_{525}\ \Phi_{375}\ \Phi_{175}\ \Phi_{105}\ \Phi_{75}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_3\ \Phi_1$
155509	1921	2592	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{193}{864}$	$\frac{671}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_1$
155510	1921	580	$\frac{3}{116}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{580}^4\ \Phi_{290}^4\ \Phi_{145}^4\ \Phi_{116}\ \Phi_{58}\ \Phi_{29}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
155511	1921	2368	$\frac{3}{148}$	$\frac{447}{2368}$	$\frac{145}{592}$	$\frac{1}{4}$	$\Phi_{2368}\ \Phi_{1184}\ \Phi_{148}\ \Phi_{74}\ \Phi_{64}\ \Phi_{37}\ \Phi_{32}\ \Phi_1$
155512	1921	2080	$\frac{3}{52}$	$\frac{159}{2080}$	$\frac{49}{208}$	$\frac{1}{4}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{260}\ \Phi_{160}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{32}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_1$
155513	1921	2496	$\frac{3}{52}$	$\frac{49}{624}$	$\frac{575}{2496}$	$\frac{1}{4}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{832}\ \Phi_{416}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
155514	1921	140	$\frac{1}{28}$	$\frac{3}{20}$	$\frac{27}{140}$	$\frac{1}{4}$	$\Phi_{140}^{13}\ \Phi_{70}^{13}\ \Phi_{35}^{13}\ \Phi_{28}^{16}\ \Phi_{20}^{14}\ \Phi_{14}^{16}\ \Phi_{10}^{14}\ \Phi_7^{16}\ \Phi_5^{14}\ \Phi_4^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
155515	1921	2340	$\frac{3}{52}$	$\frac{49}{468}$	$\frac{419}{2340}$	$\frac{1}{4}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{130}\ \Phi_{90}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{45}\ \Phi_{30}\ \Phi_{26}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_1$
155516	1921	2184	$\frac{3}{52}$	$\frac{263}{2184}$	$\frac{49}{312}$	$\frac{1}{4}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{168}\ \Phi_{91}\ \Phi_{84}\ \Phi_{56}\ \Phi_{52}\ \Phi_{42}\ \Phi_{28}\ \Phi_{26}\ \Phi_{21}\ \Phi_{14}\ \Phi_{13}\ \Phi_7\ \Phi_1$
155517	1921	2380	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{595}\ \Phi_{340}\ \Phi_{170}\ \Phi_{119}\ \Phi_{85}\ \Phi_{20}\ \Phi_{17}\ \Phi_{10}\ \Phi_5\ \Phi_1$
155518	1921	120	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{120}^{17}\ \Phi_{60}^{17}\ \Phi_{40}^{13}\ \Phi_{30}^{17}\ \Phi_{24}^{17}\ \Phi_{20}^{14}\ \Phi_{15}^{17}\ \Phi_{12}^{17}\ \Phi_{10}^{14}\ \Phi_8^{16}\ \Phi_6^{17}\ \Phi_5^{14}\ \Phi_4^{16}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{17}$
155519	1921	640	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{640}^4\ \Phi_{320}^4\ \Phi_{160}^4\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
155520	1921	1260	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{126}\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
155521	1921	2520	$\frac{31}{630}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{599}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
155522	1921	144	$\frac{1}{18}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{144}$	$\Phi_{144}^{17}\ \Phi_{72}^{17}\ \Phi_{48}^{17}\ \Phi_{24}^{17}\ \Phi_{18}^5\ \Phi_{16}^{17}\ \Phi_9^5\ \Phi_8^{17}\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
155523	1921	2000	$\frac{79}{2000}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{80}\ \Phi_{40}\ \Phi_{25}\ \Phi_{16}\ \Phi_8\ \Phi_1$
155524	1921	128	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{3}{16}$	$\frac{13}{64}$	$\Phi_{128}^{17}\ \Phi_{64}^{12}\ \Phi_{32}^{12}\ \Phi_{16}^{16}\ \Phi_8^{16}\ \Phi_4^{16}\ \Phi_2^{16}\ \Phi_1^{17}$
155525	1921	2400	$\frac{1}{30}$	$\frac{29}{150}$	$\frac{479}{2400}$	$\frac{121}{600}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{160}\ \Phi_{150}\ \Phi_{96}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{48}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
155526	1921	2375	$\frac{21}{475}$	$\frac{4}{25}$	$\frac{454}{2375}$	$\frac{1}{5}$	$\Phi_{2375}\ \Phi_{125}\ \Phi_{25}\ \Phi_1$
155527	1921	2100	$\frac{179}{2100}$	$\frac{4}{35}$	$\frac{31}{210}$	$\frac{1}{5}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
155528	1921	2205	$\frac{31}{315}$	$\frac{4}{35}$	$\frac{284}{2205}$	$\frac{1}{5}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{441}\ \Phi_{245}\ \Phi_{147}\ \Phi_{49}\ \Phi_{35}\ \Phi_7\ \Phi_1$
155529	1922	1808	$\frac{1}{113}$	$\frac{57}{904}$	$\frac{847}{1808}$	$\frac{56}{113}$	$\Phi_{1808}^2\ \Phi_{113}\ \Phi_{16}^2\ \Phi_1^2$
155530	1922	1356	$\frac{1}{113}$	$\frac{57}{452}$	$\frac{395}{1356}$	$\frac{56}{113}$	$\Phi_{1356}^2\ \Phi_{678}^2\ \Phi_{339}^2\ \Phi_{113}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
155531	1922	1130	$\frac{1}{113}$	$\frac{169}{1130}$	$\frac{57}{226}$	$\frac{56}{113}$	$\Phi_{1130}^2\ \Phi_{565}^2\ \Phi_{113}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
155532	1922	1904	$\frac{9}{952}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{943}{1904}$	$\Phi_{1904}^2\ \Phi_{272}^2\ \Phi_{112}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_1^2$
155533	1922	5694	$\frac{12}{949}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{937}{1898}$	$\Phi_{5694}\ \Phi_{438}\ \Phi_{78}\ \Phi_{39}\ \Phi_6$
155534	1922	3108	$\frac{1}{74}$	$\frac{75}{1036}$	$\frac{1}{3}$	$\frac{73}{148}$	$\Phi_{3108}\ \Phi_{1554}\ \Phi_{777}\ \Phi_{222}\ \Phi_{111}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
155535	1922	3660	$\frac{1}{61}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{30}{61}$	$\Phi_{3660}\ \Phi_{1220}\ \Phi_{732}\ \Phi_{244}\ \Phi_{61}\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
155536	1922	2013	$\frac{1}{61}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{30}{61}$	$\Phi_{2013}\ \Phi_{671}\ \Phi_{61}\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_1^2$
155537	1922	2745	$\frac{1}{61}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{30}{61}$	$\Phi_{2745}\ \Phi_{549}\ \Phi_{61}\ \Phi_{45}^2\ \Phi_9^2\ \Phi_1^2$
155538	1922	2440	$\frac{1}{61}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{30}{61}$	$\Phi_{2440}\ \Phi_{1220}\ \Phi_{488}\ \Phi_{244}\ \Phi_{61}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
155539	1922	2135	$\frac{1}{61}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{30}{61}$	$\Phi_{2135}\ \Phi_{427}\ \Phi_{61}\ \Phi_{35}^2\ \Phi_7^2\ \Phi_1^2$
155540	1922	2196	$\frac{1}{61}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{30}{61}$	$\Phi_{2196}\ \Phi_{1098}\ \Phi_{732}\ \Phi_{549}\ \Phi_{244}\ \Phi_{61}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_4^2\ \Phi_1^2$
155541	1922	1887	$\frac{35}{1887}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{926}{1887}$	$\Phi_{1887}\ \Phi_{629}\ \Phi_{111}\ \Phi_{51}^2\ \Phi_{37}\ \Phi_{17}\ \Phi_3^2\ \Phi_1^2$
155542	1922	1292	$\frac{8}{323}$	$\frac{1}{17}$	$\frac{331}{1292}$	$\frac{315}{646}$	$\Phi_{1292}^2\ \Phi_{323}^2\ \Phi_{76}^2\ \Phi_{68}^2\ \Phi_{19}^2\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
155543	1922	1872	$\frac{25}{936}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{911}{1872}$	$\Phi_{1872}^2\ \Phi_{624}^2\ \Phi_{208}^2\ \Phi_{144}^2\ \Phi_{78}\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{16}^2\ \Phi_6$
155544	1922	480	$\frac{1}{32}$	$\frac{1}{30}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^5\ \Phi_{80}^4\ \Phi_{60}^2\ \Phi_{48}^5\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{30}^4\ \Phi_{24}^5\ \Phi_{20}^2\ \Phi_{16}^4\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^5\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
155545	1922	2964	$\frac{27}{988}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{2964}\ \Phi_{1482}\ \Phi_{741}\ \Phi_{228}\ \Phi_{114}\ \Phi_{78}\ \Phi_{57}\ \Phi_{39}\ \Phi_6$
155546	1922	5550	$\frac{1}{37}$	$\frac{36}{925}$	$\frac{1}{3}$	$\frac{889}{1850}$	$\Phi_{5550}\ \Phi_{1110}\ \Phi_{222}\ \Phi_{150}\ \Phi_{111}\ \Phi_{30}\ \Phi_6$
155547	1922	1836	$\frac{43}{918}$	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{875}{1836}$	$\Phi_{1836}^2\ \Phi_{612}^2\ \Phi_{204}^2\ \Phi_{108}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{36}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
155548	1922	672	$\frac{1}{32}$	$\frac{1}{21}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{42}\ \Phi_{32}^2\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}\ \Phi_{12}^3\ \Phi_8^2\ \Phi_7^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
155549	1922	1428	$\frac{9}{476}$	$\frac{1}{17}$	$\frac{467}{1428}$	$\frac{8}{17}$	$\Phi_{1428}^2\ \Phi_{714}^2\ \Phi_{357}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{84}^2\ \Phi_{51}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
155550	1922	986	$\frac{25}{986}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{986}^2\ \Phi_{493}^2\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{17}\ \Phi_1^2$
155551	1922	1190	$\frac{9}{238}$	$\frac{1}{17}$	$\frac{229}{1190}$	$\frac{8}{17}$	$\Phi_{1190}^2\ \Phi_{595}^2\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{17}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
155552	1922	1020	$\frac{59}{1020}$	$\frac{1}{17}$	$\frac{9}{68}$	$\frac{8}{17}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{204}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{60}^2\ \Phi_{51}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
155553	1922	1088	$\frac{1}{17}$	$\frac{9}{136}$	$\frac{127}{1088}$	$\frac{8}{17}$	$\Phi_{1088}^2\ \Phi_{544}^2\ \Phi_{272}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_1^2$
155554	1922	1071	$\frac{1}{17}$	$\frac{9}{119}$	$\frac{110}{1071}$	$\frac{8}{17}$	$\Phi_{1071}^2\ \Phi_{357}^2\ \Phi_{153}^2\ \Phi_{63}^2\ \Phi_{51}^2\ \Phi_{21}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
155555	1922	1776	$\frac{1}{74}$	$\frac{73}{888}$	$\frac{1}{3}$	$\frac{815}{1776}$	$\Phi_{1776}^2\ \Phi_{592}^2\ \Phi_{222}\ \Phi_{111}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_6$
155556	1922	504	$\frac{1}{63}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{504}^7\ \Phi_{252}\ \Phi_{168}^7\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}^7\ \Phi_{56}^6\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}^7\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
155557	1922	224	$\frac{1}{32}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{224}^9\ \Phi_{112}^9\ \Phi_{56}^7\ \Phi_{32}^8\ \Phi_{28}^9\ \Phi_{16}^8\ \Phi_{14}^9\ \Phi_8^6\ \Phi_7^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^8$
155558	1922	288	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}^7\ \Phi_{72}^7\ \Phi_{48}^7\ \Phi_{36}^5\ \Phi_{32}^6\ \Phi_{24}^7\ \Phi_{18}^5\ \Phi_{16}^6\ \Phi_{12}^5\ \Phi_9^6\ \Phi_8^6\ \Phi_6^5\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
155559	1922	1695	$\frac{1}{113}$	$\frac{227}{1695}$	$\frac{112}{339}$	$\frac{734}{1695}$	$\Phi_{1695}\ \Phi_{565}\ \Phi_{339}^2\ \Phi_{113}\ \Phi_{15}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
155560	1922	1120	$\frac{1}{32}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{280}^2\ \Phi_{224}\ \Phi_{160}^2\ \Phi_{140}^2\ \Phi_{112}\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
155561	1922	864	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{864}^2\ \Phi_{432}^2\ \Phi_{288}^3\ \Phi_{216}^2\ \Phi_{144}^3\ \Phi_{108}^2\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{32}^2$ $\Phi_{27}^2\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{16}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
155562	1922	1020	$\frac{59}{1020}$	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{43}{102}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{204}^2\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{51}^2\ \Phi_{30}^2$ $\Phi_{20}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
155563	1922	1356	$\frac{1}{113}$	$\frac{56}{339}$	$\frac{395}{1356}$	$\frac{283}{678}$	$\Phi_{1356}^2\ \Phi_{452}^2\ \Phi_{339}^2\ \Phi_{113}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
155564	1922	1615	$\frac{16}{323}$	$\frac{1}{17}$	$\frac{307}{1615}$	$\frac{654}{1615}$	$\Phi_{1615}\ \Phi_{323}^2\ \Phi_{95}\ \Phi_{85}\ \Phi_{19}^2\ \Phi_{17}\ \Phi_5\ \Phi_1^2$
155565	1922	1008	$\frac{1}{63}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1008}^3\ \Phi_{504}\ \Phi_{336}^3\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}^3\ \Phi_{126}\ \Phi_{112}^3\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}$ $\Phi_{48}^2\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
155566	1922	1056	$\frac{1}{32}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{96}\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{48}\ \Phi_{44}^2$ $\Phi_{24}\ \Phi_{22}^2\ \Phi_{12}\ \Phi_6$
155567	1922	1110	$\frac{1}{74}$	$\frac{149}{1110}$	$\frac{73}{222}$	$\frac{1}{3}$	$\Phi_{1110}^2\ \Phi_{555}^2\ \Phi_{370}^2\ \Phi_{222}\ \Phi_{185}^2\ \Phi_{111}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
155568	1922	1014	$\frac{1}{26}$	$\frac{53}{1014}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{1014}^2\ \Phi_{507}^2\ \Phi_{338}^2\ \Phi_{169}^2\ \Phi_{78}\ \Phi_{39}\ \Phi_6$
155569	1922	1404	$\frac{1}{26}$	$\frac{25}{468}$	$\frac{443}{1404}$	$\frac{1}{3}$	$\Phi_{1404}^2\ \Phi_{702}^2\ \Phi_{351}^2\ \Phi_{108}^2\ \Phi_{78}\ \Phi_{54}^2\ \Phi_{39}\ \Phi_{27}^2\ \Phi_6$
155570	1922	1440	$\frac{1}{32}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{1440}^2\ \Phi_{720}^2\ \Phi_{360}^2\ \Phi_{288}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{96}\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{48}\ \Phi_{36}^2$ $\Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
155571	1922	1332	$\frac{1}{74}$	$\frac{73}{444}$	$\frac{371}{1332}$	$\frac{1}{3}$	$\Phi_{1332}^2\ \Phi_{666}^2\ \Phi_{333}^2\ \Phi_{222}\ \Phi_{111}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6$
155572	1922	3552	$\frac{1}{74}$	$\frac{223}{1184}$	$\frac{73}{296}$	$\frac{1}{3}$	$\Phi_{3552}\ \Phi_{1776}\ \Phi_{222}\ \Phi_{111}\ \Phi_{96}\ \Phi_{48}\ \Phi_6$
155573	1922	3120	$\frac{1}{26}$	$\frac{79}{1040}$	$\frac{25}{104}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{624}\ \Phi_{390}\ \Phi_{240}\ \Phi_{195}\ \Phi_{120}\ \Phi_{78}\ \Phi_{60}$ $\Phi_{48}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
155574	1922	1248	$\frac{1}{26}$	$\frac{25}{312}$	$\frac{287}{1248}$	$\frac{1}{3}$	$\Phi_{1248}^2\ \Phi_{624}^2\ \Phi_{416}^2\ \Phi_{208}^2\ \Phi_{96}^2\ \Phi_{78}\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_6$
155575	1922	480	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{480}^6\ \Phi_{240}^6\ \Phi_{120}^5\ \Phi_{96}^7\ \Phi_{60}^5\ \Phi_{48}^7\ \Phi_{30}^6\ \Phi_{24}^6\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_6^7\ \Phi_3^6$
155576	1922	3360	$\frac{1}{32}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{672}\ \Phi_{420}\ \Phi_{336}\ \Phi_{210}\ \Phi_{168}\ \Phi_{96}\ \Phi_{84}$ $\Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
155577	1922	1110	$\frac{1}{37}$	$\frac{149}{1110}$	$\frac{36}{185}$	$\frac{1}{3}$	$\Phi_{1110}^2\ \Phi_{555}\ \Phi_{370}^2\ \Phi_{222}^2\ \Phi_{185}^2\ \Phi_{111}^2\ \Phi_{74}^2\ \Phi_{37}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$ $\Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
155578	1922	1170	$\frac{1}{26}$	$\frac{25}{234}$	$\frac{209}{1170}$	$\frac{1}{3}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{90}^2\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{30}^2$ $\Phi_{15}^2\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
155579	1922	2400	$\frac{1}{32}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{96}$ $\Phi_{50}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
155580	1922	288	$\frac{1}{32}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{288}^8\ \Phi_{144}^8\ \Phi_{96}^5\ \Phi_{72}^8\ \Phi_{48}^5\ \Phi_{36}^6\ \Phi_{32}^4\ \Phi_{24}^5\ \Phi_{18}^6\ \Phi_{16}^4\ \Phi_{12}^3\ \Phi_9^6$ $\Phi_8^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
155581	1922	1092	$\frac{1}{26}$	$\frac{131}{1092}$	$\frac{25}{156}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{84}^2\ \Phi_{78}\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{28}^2$ $\Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6$
155582	1922	1377	$\frac{1}{17}$	$\frac{43}{459}$	$\frac{8}{51}$	$\frac{416}{1377}$	$\Phi_{1377}^2\ \Phi_{81}^2\ \Phi_{51}^2\ \Phi_{17}\ \Phi_3^2\ \Phi_1^2$
155583	1922	2592	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{288}\ \Phi_{162}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}$ $\Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
155584	1922	34	$\frac{3}{34}$	$\frac{3}{34}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{34}^{56}\ \Phi_{17}^{57}\ \Phi_2^{56}\ \Phi_1^{58}$
155585	1922	1071	$\frac{1}{17}$	$\frac{110}{1071}$	$\frac{8}{51}$	$\frac{43}{153}$	$\Phi_{1071}^2\ \Phi_{357}^2\ \Phi_{119}^2\ \Phi_{63}^2\ \Phi_{51}^2\ \Phi_{21}^2\ \Phi_{17}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^2$
155586	1922	672	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{672}^4\ \Phi_{336}^4\ \Phi_{224}\ \Phi_{168}^4\ \Phi_{112}\ \Phi_{96}^4\ \Phi_{84}^4\ \Phi_{56}\ \Phi_{48}^4\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{24}^4$ $\Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
155587	1922	1224	$\frac{1}{17}$	$\frac{43}{306}$	$\frac{8}{51}$	$\frac{263}{1224}$	$\Phi_{1224}^2\ \Phi_{612}^2\ \Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{72}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{17}$ $\Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
155588	1923	2556	$\frac{2}{639}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{637}{1278}$	$\Phi_{2556}\ \Phi_{852}\ \Phi_{639}\ \Phi_{284}\ \Phi_{213}\ \Phi_{71}\ \Phi_{36}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3$ Φ_1
155589	1923	856	$\frac{1}{214}$	$\frac{1}{4}$	$\frac{215}{856}$	$\frac{213}{428}$	$\Phi_{856}^3\ \Phi_{428}^2\ \Phi_{214}\ \Phi_{107}\ \Phi_8^3\ \Phi_4\ \Phi_1$
155590	1923	1272	$\frac{5}{636}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{631}{1272}$	$\Phi_{1272}^3\ \Phi_{424}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
155591	1923	1240	$\frac{1}{62}$	$\frac{21}{620}$	$\frac{599}{1240}$	$\frac{61}{124}$	$\Phi_{1240}^3\ \Phi_{248}^3\ \Phi_{124}\ \Phi_{40}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
155592	1923	2480	$\frac{1}{62}$	$\frac{63}{620}$	$\frac{557}{2480}$	$\frac{61}{124}$	$\Phi_{2480}\ \Phi_{1240}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
155593	1923	744	$\frac{1}{62}$	$\frac{103}{744}$	$\frac{21}{124}$	$\frac{61}{124}$	$\Phi_{744}^3\ \Phi_{372}^3\ \Phi_{248}^3\ \Phi_{186}^3\ \Phi_{124}\ \Phi_{93}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
155594	1923	1240	$\frac{1}{31}$	$\frac{21}{620}$	$\frac{10}{31}$	$\frac{599}{1240}$	$\Phi_{1240}^3\ \Phi_{248}^3\ \Phi_{40}^3\ \Phi_{31}^2\ \Phi_8^3\ \Phi_1^3$
155595	1923	868	$\frac{1}{31}$	$\frac{10}{217}$	$\frac{227}{868}$	$\frac{207}{434}$	$\Phi_{868}^3\ \Phi_{217}^3\ \Phi_{124}^3\ \Phi_{31}^2\ \Phi_{28}^3\ \Phi_7^3\ \Phi_4^3\ \Phi_1^3$
155596	1923	744	$\frac{1}{31}$	$\frac{10}{93}$	$\frac{103}{744}$	$\frac{83}{186}$	$\Phi_{744}^3\ \Phi_{372}^3\ \Phi_{248}^3\ \Phi_{124}^3\ \Phi_{93}^3\ \Phi_{31}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
155597	1923	3472	$\frac{1}{62}$	$\frac{187}{1736}$	$\frac{61}{248}$	$\frac{1549}{3472}$	$\Phi_{3472}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{112}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
155598	1923	3472	$\frac{1}{31}$	$\frac{187}{1736}$	$\frac{30}{217}$	$\frac{1549}{3472}$	$\Phi_{3472}\ \Phi_{496}\ \Phi_{217}\ \Phi_{112}\ \Phi_{16}\ \Phi_7\ \Phi_1$
155599	1923	2170	$\frac{1}{31}$	$\frac{247}{2170}$	$\frac{30}{217}$	$\frac{187}{434}$	$\Phi_{2170}\ \Phi_{1085}\ \Phi_{310}\ \Phi_{217}\ \Phi_{155}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
155600	1923	1116	$\frac{1}{31}$	$\frac{10}{93}$	$\frac{83}{558}$	$\frac{475}{1116}$	$\Phi_{1116}^3\ \Phi_{372}^3\ \Phi_{124}^3\ \Phi_{93}^3\ \Phi_{36}^3\ \Phi_{31}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
155601	1923	648	$\frac{7}{648}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{648}^3\ \Phi_{324}^3\ \Phi_{216}^3\ \Phi_{162}^3\ \Phi_{108}^3\ \Phi_{81}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
155602	1923	2140	$\frac{1}{107}$	$\frac{106}{535}$	$\frac{1}{4}$	$\frac{429}{1070}$	$\Phi_{2140}\ \Phi_{535}\ \Phi_{428}^2\ \Phi_{214}\ \Phi_{107}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
155603	1923	645	$\frac{4}{645}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{645}^3\ \Phi_{215}^3\ \Phi_{129}^3\ \Phi_{43}^3\ \Phi_{15}^2\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
155604	1923	651	$\frac{10}{651}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{651}^3\ \Phi_{217}^3\ \Phi_{93}^3\ \Phi_{31}^2\ \Phi_{21}^3\ \Phi_7^3\ \Phi_3^3\ \Phi_1^3$
155605	1923	992	$\frac{1}{62}$	$\frac{61}{496}$	$\frac{145}{496}$	$\frac{351}{992}$	$\Phi_{992}^3\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{32}^3\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
155606	1923	682	$\frac{1}{31}$	$\frac{41}{682}$	$\frac{10}{31}$	$\frac{21}{62}$	$\Phi_{682}^3\ \Phi_{341}^3\ \Phi_{31}^2\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_1^3$
155607	1923	825	$\frac{2}{275}$	$\frac{184}{825}$	$\frac{91}{275}$	$\frac{1}{3}$	$\Phi_{825}^2\ \Phi_{275}^3\ \Phi_{165}^2\ \Phi_{75}^2\ \Phi_{55}^3\ \Phi_{33}^2\ \Phi_{25}^3\ \Phi_{15}^2\ \Phi_{11}^3\ \Phi_5^3\ \Phi_3\ \Phi_1^3$
155608	1923	693	$\frac{2}{77}$	$\frac{52}{693}$	$\frac{25}{77}$	$\frac{1}{3}$	$\Phi_{693}^3\ \Phi_{231}^2\ \Phi_{99}^3\ \Phi_{77}^3\ \Phi_{63}^3\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{11}^3\ \Phi_9^3\ \Phi_7^3\ \Phi_3\ \Phi_1^3$
155609	1923	852	$\frac{2}{213}$	$\frac{211}{852}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{852}^2\ \Phi_{426}^2\ \Phi_{284}^2\ \Phi_{213}^3\ \Phi_{142}^2\ \Phi_{71}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
155610	1923	648	$\frac{7}{648}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{648}^3\ \Phi_{324}^3\ \Phi_{216}^3\ \Phi_{162}^3\ \Phi_{108}^3\ \Phi_{81}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{36}^2\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
155611	1923	1908	$\frac{5}{318}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{313}{954}$	$\Phi_{1908}^2\ \Phi_{954}\ \Phi_{477}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
155612	1923	930	$\frac{1}{31}$	$\frac{21}{310}$	$\frac{289}{930}$	$\frac{10}{31}$	$\Phi_{930}^3\ \Phi_{465}^3\ \Phi_{186}^3\ \Phi_{93}^3\ \Phi_{31}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
155613	1923	775	$\frac{1}{31}$	$\frac{21}{155}$	$\frac{134}{775}$	$\frac{10}{31}$	$\Phi_{775}^3\ \Phi_{31}^2\ \Phi_{25}^3\ \Phi_1^3$
155614	1923	744	$\frac{1}{31}$	$\frac{103}{744}$	$\frac{21}{124}$	$\frac{10}{31}$	$\Phi_{744}^3\ \Phi_{372}^3\ \Phi_{248}^3\ \Phi_{186}^3\ \Phi_{93}^3\ \Phi_{31}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
155615	1923	837	$\frac{1}{31}$	$\frac{10}{93}$	$\frac{196}{837}$	$\frac{83}{279}$	$\Phi_{837}^3\ \Phi_{93}^3\ \Phi_{31}^2\ \Phi_{27}^3\ \Phi_3^3\ \Phi_1^3$
155616	1923	868	$\frac{1}{31}$	$\frac{30}{217}$	$\frac{187}{868}$	$\frac{227}{868}$	$\Phi_{868}^2\ \Phi_{434}^2\ \Phi_{217}^3\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
155617	1924	960	$\frac{1}{480}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{479}{960}$	$\Phi_{960}^4\ \Phi_{320}^4\ \Phi_{192}^4\ \Phi_{64}^4\ \Phi_3\ \Phi_1^2$
155618	1924	642	$\frac{1}{321}$	$\frac{161}{642}$	$\frac{1}{3}$	$\frac{160}{321}$	$\Phi_{642}^4\ \Phi_{321}^2\ \Phi_{214}^4\ \Phi_{107}^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
155619	1924	1917	$\frac{7}{1917}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{955}{1917}$	$\Phi_{1917}\ \Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_{27}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
155620	1924	641	$\frac{3}{641}$	$\frac{160}{641}$	$\frac{161}{641}$	$\frac{319}{641}$	$\Phi_{641}^3\ \Phi_1^4$
155621	1924	1176	$\frac{1}{147}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{73}{147}$	$\Phi_{1176}^3\ \Phi_{392}^3\ \Phi_{168}^3\ \Phi_{147}\ \Phi_{56}^3\ \Phi_{49}\ \Phi_{24}^4\ \Phi_{21}\ \Phi_8^4\ \Phi_7\ \Phi_3\ \Phi_1^2$
155622	1924	735	$\frac{1}{147}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{73}{147}$	$\Phi_{735}^3\ \Phi_{245}^3\ \Phi_{147}\ \Phi_{105}^3\ \Phi_{49}\ \Phi_{35}^3\ \Phi_{21}\ \Phi_{15}^4\ \Phi_7\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
155623	1924	882	$\frac{1}{147}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{73}{147}$	$\Phi_{882}^3\ \Phi_{441}^3\ \Phi_{147}\ \Phi_{126}^3\ \Phi_{63}^3\ \Phi_{49}\ \Phi_{21}\ \Phi_{18}^4\ \Phi_9^4\ \Phi_7\ \Phi_3\ \Phi_1^2$
155624	1924	2352	$\frac{1}{147}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{73}{147}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{784}\ \Phi_{392}\ \Phi_{336}\ \Phi_{168}\ \Phi_{147}\ \Phi_{112}\ \Phi_{56}\ \Phi_{49}\ \Phi_{48}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
155625	1924	954	$\frac{4}{477}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{473}{954}$	$\Phi_{954}^4\ \Phi_{318}^4\ \Phi_{106}^4\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
155626	1924	1605	$\frac{1}{107}$	$\frac{54}{535}$	$\frac{1}{3}$	$\frac{53}{107}$	$\Phi_{1605}^2\ \Phi_{321}\ \Phi_{15}^2$
155627	1924	1825	$\frac{1}{73}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{36}{73}$	$\Phi_{1825}\ \Phi_{365}\ \Phi_{73}^2\ \Phi_{25}^2\ \Phi_5^2\ \Phi_1^4$
155628	1924	3066	$\frac{1}{73}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{36}{73}$	$\Phi_{3066}\ \Phi_{1533}\ \Phi_{438}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
155629	1924	1095	$\frac{1}{73}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{36}{73}$	$\Phi_{1095}^2\ \Phi_{365}\ \Phi_{219}^2\ \Phi_{73}^2\ \Phi_{15}^4\ \Phi_5^2\ \Phi_3^4\ \Phi_1^4$
155630	1924	641	$\frac{9}{641}$	$\frac{25}{641}$	$\frac{308}{641}$	$\frac{316}{641}$	$\Phi_{641}^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
155631	1924	1224	$\frac{1}{51}$	$\frac{1}{36}$	$\frac{35}{72}$	$\frac{25}{51}$	$\Phi_{1224}^3\ \Phi_{408}^3\ \Phi_{136}^3\ \Phi_{72}^4\ \Phi_{51}\ \Phi_{24}^4\ \Phi_{17}\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
155632	1924	663	$\frac{1}{51}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{663}^3\ \Phi_{221}^3\ \Phi_{51}\ \Phi_{39}^4\ \Phi_{17}\ \Phi_{13}^4\ \Phi_3\ \Phi_1^2$
155633	1924	918	$\frac{1}{51}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{25}{51}$	$\Phi_{918}^3\ \Phi_{459}^3\ \Phi_{54}^4\ \Phi_{51}\ \Phi_{27}^4\ \Phi_{17}\ \Phi_3\ \Phi_1^2$
155634	1924	2040	$\frac{1}{51}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{25}{51}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
155635	1924	816	$\frac{1}{51}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{25}{51}$	$\Phi_{816}^3\ \Phi_{408}^3\ \Phi_{272}^3\ \Phi_{136}^3\ \Phi_{51}\ \Phi_{48}^4\ \Phi_{24}^4\ \Phi_{17}\ \Phi_{16}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
155636	1924	765	$\frac{1}{51}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{25}{51}$	$\Phi_{765}^3\ \Phi_{255}^3\ \Phi_{85}^3\ \Phi_{51}\ \Phi_{45}^4\ \Phi_{17}\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
155637	1924	714	$\frac{1}{51}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{25}{51}$	$\Phi_{714}^3\ \Phi_{357}^3\ \Phi_{238}^3\ \Phi_{119}^3\ \Phi_{51}\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{17}\ \Phi_{14}^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
155638	1924	2086	$\frac{3}{149}$	$\frac{1}{14}$	$\frac{38}{149}$	$\frac{73}{149}$	$\Phi_{2086}\ \Phi_{1043}\ \Phi_{298}$
155639	1924	1923	$\frac{49}{1923}$	$\frac{110}{1923}$	$\frac{493}{1923}$	$\frac{937}{1923}$	$\Phi_{1923}\ \Phi_{641}\ \Phi_3\ \Phi_1^2$
155640	1924	963	$\frac{25}{963}$	$\frac{38}{963}$	$\frac{1}{3}$	$\frac{469}{963}$	$\Phi_{963}^2\ \Phi_{321}^2\ \Phi_{107}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
155641	1924	216	$\frac{1}{36}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{216}^{18}\ \Phi_{72}^{16}\ \Phi_{27}^2\ \Phi_{24}^{16}\ \Phi_9^2\ \Phi_8^{16}\ \Phi_3\ \Phi_1^2$
155642	1924	1224	$\frac{1}{36}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{35}{72}$	$\Phi_{1224}^3\ \Phi_{408}^3\ \Phi_{136}^3\ \Phi_{72}^4\ \Phi_{24}^4\ \Phi_{17}^3\ \Phi_8^4\ \Phi_1^4$
155643	1924	2520	$\frac{1}{36}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{35}{72}$	$\Phi_{2520}^2\ \Phi_{840}^2\ \Phi_{360}\ \Phi_{280}^2\ \Phi_{120}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{10}$
155644	1924	2850	$\frac{1}{38}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{2850}\ \Phi_{1425}\ \Phi_{570}\ \Phi_{285}\ \Phi_{150}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{30}\ \Phi_6^2$
155645	1924	1350	$\frac{1}{27}$	$\frac{1}{25}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{1350}^2\ \Phi_{675}\ \Phi_{450}^2\ \Phi_{270}^2\ \Phi_{225}\ \Phi_{150}^2\ \Phi_{135}\ \Phi_{90}^2\ \Phi_{75}\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_6^2$
155646	1924	2014	$\frac{1}{38}$	$\frac{3}{53}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{2014}\ \Phi_{1007}\ \Phi_{106}$
155647	1924	1890	$\frac{1}{27}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{1890}^2\ \Phi_{630}^2\ \Phi_{378}^2\ \Phi_{270}^2\ \Phi_{210}^2\ \Phi_{135}\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_6^2$
155648	1924	135	$\frac{1}{27}$	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{135}^{15}\ \Phi_{45}^{13}\ \Phi_{27}^{14}\ \Phi_{15}^{14}\ \Phi_9^{12}\ \Phi_5^{14}\ \Phi_3^{13}\ \Phi_1^{14}$
155649	1924	1923	$\frac{38}{1923}$	$\frac{145}{1923}$	$\frac{517}{1923}$	$\frac{889}{1923}$	$\Phi_{1923}\ \Phi_{641}\ \Phi_3\ \Phi_1^2$
155650	1924	963	$\frac{14}{963}$	$\frac{73}{963}$	$\frac{1}{3}$	$\frac{445}{963}$	$\Phi_{963}^2\ \Phi_{321}^2\ \Phi_{107}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
155651	1924	600	$\frac{1}{75}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{600}^6\ \Phi_{200}^6\ \Phi_{120}^6\ \Phi_{75}^2\ \Phi_{40}^6\ \Phi_{25}^2\ \Phi_{24}^4\ \Phi_{15}^2\ \Phi_8^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
155652	1924	1176	$\frac{1}{49}$	$\frac{1}{12}$	$\frac{12}{49}$	$\frac{11}{24}$	$\Phi_{1176}^3\ \Phi_{392}^3\ \Phi_{168}^3\ \Phi_{56}^3\ \Phi_{49}^3\ \Phi_{24}^4\ \Phi_8^4\ \Phi_7^3\ \Phi_1^4$
155653	1924	2280	$\frac{1}{38}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{2280}^2\ \Phi_{760}^2\ \Phi_{190}\ \Phi_{120}\ \Phi_{95}\ \Phi_{40}\ \Phi_{10}$
155654	1924	1848	$\frac{3}{77}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{1848}^2\ \Phi_{616}^2\ \Phi_{264}^2\ \Phi_{168}\ \Phi_{88}^2\ \Phi_{77}^2\ \Phi_{56}\ \Phi_{24}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
155655	1924	168	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{5}{42}$	$\frac{11}{24}$	$\Phi_{168}^{21}\ \Phi_{56}^{21}\ \Phi_{42}^4\ \Phi_{24}^{22}\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_8^{22}\ \Phi_7^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
155656	1924	486	$\frac{5}{486}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{486}^4\ \Phi_{243}^4\ \Phi_{162}^4\ \Phi_{81}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
155657	1924	450	$\frac{1}{75}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{450}^6\ \Phi_{225}^3\ \Phi_{150}^6\ \Phi_{90}^6\ \Phi_{75}^2\ \Phi_{50}^6\ \Phi_{45}^3\ \Phi_{30}^6\ \Phi_{25}^2\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_{10}^6\ \Phi_9^2\ \Phi_6^4\ \Phi_5^2\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
155658	1924	2568	$\frac{1}{107}$	$\frac{53}{428}$	$\frac{1}{3}$	$\frac{375}{856}$	$\Phi_{2568}^2\ \Phi_{321}\ \Phi_{24}^2$
155659	1924	1605	$\frac{2}{321}$	$\frac{319}{1605}$	$\frac{1}{3}$	$\frac{643}{1605}$	$\Phi_{1605}\ \Phi_{535}\ \Phi_{321}^2\ \Phi_{107}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
155660	1924	1080	$\frac{1}{27}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{135}\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
155661	1924	540	$\frac{1}{27}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{540}^6\ \Phi_{180}^6\ \Phi_{135}^3\ \Phi_{108}^6\ \Phi_{60}^4\ \Phi_{45}^3\ \Phi_{36}^6\ \Phi_{27}^2\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
155662	1924	483	$\frac{2}{483}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{483}^4\ \Phi_{161}^4\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
155663	1924	720	$\frac{1}{240}$	$\frac{239}{720}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{720}^4\ \Phi_{360}^4\ \Phi_{180}^4\ \Phi_{144}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
155664	1924	1452	$\frac{3}{484}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{484}^2\ \Phi_{363}\ \Phi_{242}^2\ \Phi_{132}\ \Phi_{121}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
155665	1924	1920	$\frac{1}{160}$	$\frac{159}{640}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}^2\ \Phi_{384}\ \Phi_{320}^2\ \Phi_{192}\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
155666	1924	1455	$\frac{4}{485}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1455}\ \Phi_{485}^2\ \Phi_{291}\ \Phi_{97}^2\ \Phi_3\ \Phi_1^2$
155667	1924	600	$\frac{1}{120}$	$\frac{119}{600}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{200}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_3\ \Phi_1^2$
155668	1924	486	$\frac{5}{486}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{486}^4\ \Phi_{243}^4\ \Phi_{162}^4\ \Phi_{81}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
155669	1924	576	$\frac{1}{96}$	$\frac{95}{576}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{576}^4\ \Phi_{288}^4\ \Phi_{192}^4\ \Phi_{144}^4\ \Phi_{72}^4\ \Phi_{64}^4\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
155670	1924	1680	$\frac{1}{80}$	$\frac{79}{560}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}^2\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{112}$ $\Phi_{105}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
155671	1924	75	$\frac{1}{75}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{75}^{26}\ \Phi_{25}^{26}\ \Phi_{15}^{24}\ \Phi_5^{24}\ \Phi_3^{25}\ \Phi_1^{26}$
155672	1924	1464	$\frac{7}{488}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1464}\ \Phi_{732}\ \Phi_{488}^2\ \Phi_{366}\ \Phi_{244}^2\ \Phi_{183}\ \Phi_{122}^2\ \Phi_{61}^2\ \Phi_3\ \Phi_1^2$
155673	1924	540	$\frac{1}{60}$	$\frac{59}{540}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_9^4$ $\Phi_3\ \Phi_1^2$
155674	1924	1470	$\frac{9}{490}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}^2\ \Phi_{294}\ \Phi_{245}^2\ \Phi_{210}\ \Phi_{147}\ \Phi_{105}\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{49}^2$ $\Phi_{42}\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
155675	1924	528	$\frac{1}{48}$	$\frac{47}{528}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{176}^4\ \Phi_{132}^4\ \Phi_{88}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_3\ \Phi_1^2$
155676	1924	492	$\frac{11}{492}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{492}^4\ \Phi_{246}^4\ \Phi_{164}^4\ \Phi_{123}^4\ \Phi_{82}^4\ \Phi_{41}^4\ \Phi_3\ \Phi_1^2$
155677	1924	120	$\frac{1}{40}$	$\frac{3}{40}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{40}^{24}\ \Phi_{30}^{12}\ \Phi_{24}^{12}\ \Phi_{20}^{24}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_{10}^{24}\ \Phi_8^{24}\ \Phi_6^{12}\ \Phi_5^{24}$ $\Phi_4^{24}\ \Phi_3^{13}\ \Phi_2^{24}\ \Phi_1^{26}$
155678	1924	798	$\frac{1}{38}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{798}^2\ \Phi_{399}^2\ \Phi_{266}^4\ \Phi_{133}^4\ \Phi_{114}\ \Phi_{57}\ \Phi_{42}\ \Phi_{38}^2\ \Phi_{21}\ \Phi_{19}^2\ \Phi_{14}^2\ \Phi_7^2$ $\Phi_3\ \Phi_1^2$
155679	1924	495	$\frac{14}{495}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{45}^4\ \Phi_{33}^4\ \Phi_{11}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
155680	1924	1488	$\frac{15}{496}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}^2\ \Phi_{372}\ \Phi_{248}^2\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_3$ Φ_1^2
155681	1924	1536	$\frac{1}{32}$	$\frac{31}{512}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}^2\ \Phi_{384}\ \Phi_{256}^2\ \Phi_{192}\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_3\ \Phi_1^2$
155682	1924	510	$\frac{1}{30}$	$\frac{29}{510}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{170}^4\ \Phi_{102}^4\ \Phi_{85}^4\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_3\ \Phi_1^2$
155683	1924	351	$\frac{1}{27}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{351}^6\ \Phi_{117}^6\ \Phi_{39}^4\ \Phi_{27}^2\ \Phi_{13}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
155684	1924	1500	$\frac{19}{500}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}^2\ \Phi_{375}\ \Phi_{300}\ \Phi_{250}^2\ \Phi_{150}\ \Phi_{125}^2\ \Phi_{100}^2\ \Phi_{75}$ $\Phi_{50}^2\ \Phi_{25}^2\ \Phi_3\ \Phi_1^2$
155685	1924	504	$\frac{1}{24}$	$\frac{23}{504}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{72}^4\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{21}^4$ $\Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
155686	1924	1431	$\frac{8}{477}$	$\frac{1}{9}$	$\frac{469}{1431}$	$\frac{1}{3}$	$\Phi_{1431}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
155687	1924	54	$\frac{1}{27}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{54}^{34}\ \Phi_{27}^{36}\ \Phi_{18}^{36}\ \Phi_9^{38}\ \Phi_6^{36}\ \Phi_3^{37}\ \Phi_2^{36}\ \Phi_1^{38}$
155688	1924	450	$\frac{1}{75}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{450}^6\ \Phi_{225}^6\ \Phi_{90}^6\ \Phi_{75}^2\ \Phi_{45}^6\ \Phi_{25}^2\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
155689	1924	486	$\frac{5}{486}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{486}^4\ \Phi_{243}^4\ \Phi_{162}^4\ \Phi_{81}^4\ \Phi_{54}^4\ \Phi_{27}^3\ \Phi_{18}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
155690	1924	642	$\frac{1}{107}$	$\frac{53}{214}$	$\frac{161}{642}$	$\frac{1}{3}$	$\Phi_{642}^2\ \Phi_{321}^3\ \Phi_{214}^4\ \Phi_{107}^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
155691	1924	1200	$\frac{1}{75}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{75}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{25}^2$ $\Phi_{24}\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
155692	1924	1080	$\frac{1}{27}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{120}\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}$ $\Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
155693	1924	639	$\frac{7}{639}$	$\frac{2}{9}$	$\frac{158}{639}$	$\frac{1}{3}$	$\Phi_{639}^3\ \Phi_{213}^3\ \Phi_{71}^3\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
155694	1924	735	$\frac{1}{49}$	$\frac{2}{15}$	$\frac{12}{49}$	$\frac{1}{3}$	$\Phi_{735}^3\ \Phi_{245}^3\ \Phi_{105}^3\ \Phi_{49}^3\ \Phi_{35}^3\ \Phi_{15}^4\ \Phi_7^3\ \Phi_5^4\ \Phi_1^4$
155695	1924	663	$\frac{2}{39}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{663}^3\ \Phi_{221}^3\ \Phi_{39}^4\ \Phi_{17}^3\ \Phi_{13}^4\ \Phi_1^4$
155696	1924	432	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{432}^6\ \Phi_{216}^6\ \Phi_{144}^6\ \Phi_{72}^6\ \Phi_{48}^4\ \Phi_{27}^2\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
155697	1924	81	$\frac{1}{27}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{81}^{26}\ \Phi_{27}^{19}\ \Phi_9^{20}\ \Phi_3^{19}\ \Phi_1^{20}$
155698	1924	570	$\frac{1}{38}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{570}^3\ \Phi_{285}^3\ \Phi_{190}^4\ \Phi_{114}^4\ \Phi_{95}^4\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{30}^3\ \Phi_{19}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_2^4$
155699	1924	2730	$\frac{2}{39}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{910}\ \Phi_{455}\ \Phi_{390}\ \Phi_{130}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
155700	1924	135	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{135}^{18}\ \Phi_{45}^{16}\ \Phi_{27}^2\ \Phi_{15}^{16}\ \Phi_9^2\ \Phi_5^{16}\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
155701	1924	378	$\frac{1}{27}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{378}^{6}\ \Phi_{189}^{6}\ \Phi_{126}^{6}\ \Phi_{63}^{6}\ \Phi_{42}^{4}\ \Phi_{27}^{2}\ \Phi_{21}^{4}\ \Phi_{14}^{4}\ \Phi_{9}^{2}\ \Phi_{7}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
155702	1924	1155	$\frac{3}{77}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1155}^{2}\ \Phi_{385}^{2}\ \Phi_{165}^{2}\ \Phi_{105}\ \Phi_{77}^{2}\ \Phi_{55}^{2}\ \Phi_{35}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
155703	1924	210	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{210}^{12}\ \Phi_{105}^{9}\ \Phi_{70}^{12}\ \Phi_{42}^{4}\ \Phi_{35}^{9}\ \Phi_{30}^{12}\ \Phi_{21}^{3}\ \Phi_{15}^{10}\ \Phi_{14}^{4}\ \Phi_{10}^{12}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{5}^{10}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
155704	1924	918	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{17}{54}$	$\Phi_{918}^{3}\ \Phi_{459}^{3}\ \Phi_{54}^{4}\ \Phi_{27}^{4}\ \Phi_{17}^{3}\ \Phi_{1}^{4}$
155705	1924	1890	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{17}{54}$	$\Phi_{1890}^{2}\ \Phi_{945}^{2}\ \Phi_{270}\ \Phi_{135}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
155706	1924	945	$\frac{1}{27}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{135}^{3}\ \Phi_{105}\ \Phi_{63}^{2}\ \Phi_{45}^{3}\ \Phi_{35}^{2}\ \Phi_{27}^{2}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
155707	1924	882	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{12}{49}$	$\frac{5}{18}$	$\Phi_{882}^{3}\ \Phi_{441}^{3}\ \Phi_{126}^{3}\ \Phi_{63}^{3}\ \Phi_{49}^{3}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{3}\ \Phi_{1}^{4}$
155708	1924	1710	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{1710}^{2}\ \Phi_{855}^{2}\ \Phi_{190}\ \Phi_{95}\ \Phi_{90}\ \Phi_{45}\ \Phi_{10}$
155709	1924	1386	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1386}^{2}\ \Phi_{693}^{2}\ \Phi_{198}^{2}\ \Phi_{126}\ \Phi_{99}^{2}\ \Phi_{77}^{2}\ \Phi_{63}\ \Phi_{18}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
155710	1924	126	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{126}^{21}\ \Phi_{63}^{21}\ \Phi_{42}^{4}\ \Phi_{21}^{3}\ \Phi_{18}^{22}\ \Phi_{14}^{4}\ \Phi_{9}^{22}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
155711	1924	784	$\frac{1}{49}$	$\frac{3}{16}$	$\frac{12}{49}$	$\frac{1}{4}$	$\Phi_{784}^{3}\ \Phi_{392}^{3}\ \Phi_{112}^{3}\ \Phi_{56}^{3}\ \Phi_{49}^{3}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{3}\ \Phi_{1}^{4}$
155712	1924	680	$\frac{1}{17}$	$\frac{3}{40}$	$\frac{4}{17}$	$\frac{1}{4}$	$\Phi_{680}^{3}\ \Phi_{340}^{3}\ \Phi_{170}^{3}\ \Phi_{136}^{3}\ \Phi_{85}^{3}\ \Phi_{40}^{4}\ \Phi_{20}^{4}\ \Phi_{17}^{3}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
155713	1924	1520	$\frac{1}{38}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1520}^{2}\ \Phi_{760}^{2}\ \Phi_{190}\ \Phi_{95}\ \Phi_{80}\ \Phi_{40}\ \Phi_{10}$
155714	1924	280	$\frac{1}{14}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{280}^{8}\ \Phi_{140}^{6}\ \Phi_{70}^{7}\ \Phi_{56}^{8}\ \Phi_{40}^{4}\ \Phi_{35}^{7}\ \Phi_{28}^{8}\ \Phi_{20}^{3}\ \Phi_{14}^{8}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{7}^{8}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
155715	1924	1232	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1232}^{2}\ \Phi_{616}^{2}\ \Phi_{176}^{2}\ \Phi_{112}\ \Phi_{88}^{2}\ \Phi_{77}^{2}\ \Phi_{56}\ \Phi_{16}^{2}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
155716	1924	336	$\frac{1}{21}$	$\frac{5}{42}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{336}^{7}\ \Phi_{168}^{7}\ \Phi_{112}^{7}\ \Phi_{56}^{7}\ \Phi_{48}^{7}\ \Phi_{42}^{4}\ \Phi_{24}^{7}\ \Phi_{21}^{3}\ \Phi_{16}^{8}\ \Phi_{14}^{4}\ \Phi_{8}^{8}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
155717	1924	816	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{4}{17}$	$\Phi_{816}^{3}\ \Phi_{408}^{3}\ \Phi_{272}^{3}\ \Phi_{136}^{3}\ \Phi_{48}^{4}\ \Phi_{24}^{4}\ \Phi_{17}^{3}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{1}^{4}$
155718	1924	765	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{4}{17}$	$\Phi_{765}^{3}\ \Phi_{255}^{3}\ \Phi_{85}^{3}\ \Phi_{45}^{4}\ \Phi_{17}^{3}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{4}$
155719	1924	714	$\frac{1}{17}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{4}{17}$	$\Phi_{714}^{3}\ \Phi_{357}^{3}\ \Phi_{238}^{3}\ \Phi_{119}^{3}\ \Phi_{42}^{4}\ \Phi_{21}^{4}\ \Phi_{17}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{1}^{4}$
155720	1924	1680	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{48}$	$\Phi_{1680}^{2}\ \Phi_{840}^{2}\ \Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{10}$
155721	1924	630	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{5}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}^{3}\ \Phi_{126}^{4}\ \Phi_{105}^{3}\ \Phi_{90}^{3}\ \Phi_{70}^{4}\ \Phi_{63}^{4}\ \Phi_{42}^{4}\ \Phi_{35}^{4}\ \Phi_{30}^{3}\ \Phi_{21}^{4}\ \Phi_{18}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{2}^{4}$
155722	1924	210	$\frac{1}{14}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{210}^{11}\ \Phi_{105}^{11}\ \Phi_{70}^{12}\ \Phi_{35}^{12}\ \Phi_{30}^{12}\ \Phi_{15}^{12}\ \Phi_{10}^{13}\ \Phi_{5}^{12}$
155723	1925	768	$\frac{1}{384}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{383}{768}$	$\Phi_{768}^{5}\ \Phi_{256}^{5}\ \Phi_{8}\ \Phi_{1}$
155724	1925	1644	$\frac{1}{274}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{273}{548}$	$\Phi_{822}^{2}\ \Phi_{548}\ \Phi_{411}^{2}\ \Phi_{274}^{2}\ \Phi_{137}^{2}\ \Phi_{12}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
155725	1925	4932	$\frac{1}{274}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{273}{548}$	$\Phi_{4932}\ \Phi_{548}\ \Phi_{36}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
155726	1925	1740	$\frac{1}{174}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{173}{348}$	$\Phi_{870}^{2}\ \Phi_{435}^{2}\ \Phi_{348}\ \Phi_{290}^{2}\ \Phi_{174}^{2}\ \Phi_{145}^{2}\ \Phi_{116}\ \Phi_{87}^{2}\ \Phi_{58}^{2}\ \Phi_{30}^{2}\ \Phi_{29}^{2}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
155727	1925	1740	$\frac{1}{174}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{173}{348}$	$\Phi_{1740}^{2}\ \Phi_{580}^{2}\ \Phi_{348}^{3}\ \Phi_{116}^{3}\ \Phi_{60}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
155728	1925	3552	$\frac{1}{148}$	$\frac{149}{1776}$	$\frac{1627}{3552}$	$\frac{147}{296}$	$\Phi_{3552}\ \Phi_{1184}\ \Phi_{296}\ \Phi_{96}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
155729	1925	2664	$\frac{1}{148}$	$\frac{149}{888}$	$\frac{739}{2664}$	$\frac{147}{296}$	$\Phi_{2664}\ \Phi_{1332}\ \Phi_{666}\ \Phi_{333}\ \Phi_{296}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
155730	1925	2368	$\frac{1}{148}$	$\frac{443}{2368}$	$\frac{149}{592}$	$\frac{147}{296}$	$\Phi_{2368}\ \Phi_{1184}\ \Phi_{296}\ \Phi_{64}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
155731	1925	2184	$\frac{2}{273}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{271}{546}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{364}\ \Phi_{312}\ \Phi_{273}\ \Phi_{168}\ \Phi_{156}\ \Phi_{104}\ \Phi_{91}\ \Phi_{84}\ \Phi_{56}\ \Phi_{52}\ \Phi_{39}\ \Phi_{28}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
155732	1925	368	$\frac{1}{92}$	$\frac{1}{8}$	$\frac{93}{368}$	$\frac{91}{184}$	$\Phi_{368}^{7}\ \Phi_{184}^{4}\ \Phi_{92}^{3}\ \Phi_{46}^{3}\ \Phi_{23}^{3}\ \Phi_{16}^{7}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
155733	1925	544	$\frac{3}{272}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{269}{544}$	$\Phi_{544}^{7}\ \Phi_{32}^{7}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
155734	1925	912	$\frac{1}{76}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{75}{152}$	$\Phi_{912}^{4}\ \Phi_{304}^{4}\ \Phi_{152}\ \Phi_{48}^{5}\ \Phi_{16}^{5}\ \Phi_{8}\ \Phi_{1}$
155735	1925	4104	$\frac{1}{76}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{75}{152}$	$\Phi_{4104}\ \Phi_{1368}\ \Phi_{216}\ \Phi_{152}\ \Phi_{72}\ \Phi_{27}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
155736	1925	1368	$\frac{1}{76}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{75}{152}$	$\Phi_{1368}^4\ \Phi_{152}\ \Phi_{72}^4\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
155737	1925	1064	$\frac{1}{76}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{75}{152}$	$\Phi_{1064}^4\ \Phi_{152}\ \Phi_{56}^4\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
155738	1925	608	$\frac{1}{76}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{75}{152}$	$\Phi_{608}^4\ \Phi_{304}^4\ \Phi_{152}\ \Phi_{32}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
155739	1925	456	$\frac{1}{76}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{75}{152}$	$\Phi_{456}^8\ \Phi_{152}^9\ \Phi_{24}^8\ \Phi_8^9\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
155740	1925	1032	$\frac{3}{172}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{169}{344}$	$\Phi_{1032}^4\ \Phi_{344}^3\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
155741	1925	1836	$\frac{1}{54}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{53}{108}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{108}\ \Phi_{102}^2\ \Phi_{68}\ \Phi_{54}^2\ \Phi_{51}^2\ \Phi_{36}\ \Phi_{34}^2$ $\Phi_{27}^2\ \Phi_{18}^2\ \Phi_{17}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
155742	1925	1836	$\frac{1}{54}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{53}{108}$	$\Phi_{1836}^2\ \Phi_{612}^2\ \Phi_{204}^2\ \Phi_{108}^3\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{36}^3\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
155743	1925	1836	$\frac{1}{54}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{53}{108}$	$\Phi_{1836}^2\ \Phi_{612}^2\ \Phi_{204}^2\ \Phi_{108}^3\ \Phi_{68}^2\ \Phi_{36}^3\ \Phi_{17}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
155744	1925	216	$\frac{1}{54}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{53}{108}$	$\Phi_{216}^{10}\ \Phi_{108}^5\ \Phi_{72}^{10}\ \Phi_{54}^{10}\ \Phi_{36}^5\ \Phi_{27}^{10}\ \Phi_{24}^{12}\ \Phi_{18}^{10}\ \Phi_{12}^7\ \Phi_9^{10}\ \Phi_8^{11}\ \Phi_6^{11}$ $\Phi_4^6\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$
155745	1925	3744	$\frac{1}{52}$	$\frac{53}{1872}$	$\frac{1819}{3744}$	$\frac{51}{104}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{104}\ \Phi_{96}\ \Phi_{32}\ \Phi_8\ \Phi_1$
155746	1925	2808	$\frac{1}{52}$	$\frac{53}{936}$	$\frac{883}{2808}$	$\frac{51}{104}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{216}\ \Phi_{108}\ \Phi_{104}\ \Phi_{54}\ \Phi_{27}\ \Phi_8\ \Phi_1$
155747	1925	416	$\frac{1}{52}$	$\frac{31}{416}$	$\frac{53}{208}$	$\frac{51}{104}$	$\Phi_{416}^5\ \Phi_{208}^4\ \Phi_{104}^5\ \Phi_{52}^4\ \Phi_{32}^5\ \Phi_{26}^4\ \Phi_{16}^4\ \Phi_{13}^4\ \Phi_8^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
155748	1925	2496	$\frac{1}{52}$	$\frac{53}{624}$	$\frac{571}{2496}$	$\frac{51}{104}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{832}\ \Phi_{416}\ \Phi_{192}\ \Phi_{104}\ \Phi_{96}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_1$
155749	1925	312	$\frac{1}{52}$	$\frac{37}{312}$	$\frac{53}{312}$	$\frac{51}{104}$	$\Phi_{312}^6\ \Phi_{156}^6\ \Phi_{104}^7\ \Phi_{78}^6\ \Phi_{52}^6\ \Phi_{39}^6\ \Phi_{26}^6\ \Phi_{24}^6\ \Phi_{13}^6\ \Phi_{12}^6\ \Phi_8^7\ \Phi_6^6$ $\Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
155750	1925	1950	$\frac{2}{75}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{73}{150}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{390}\ \Phi_{325}\ \Phi_{195}\ \Phi_{130}\ \Phi_{78}^2\ \Phi_{75}\ \Phi_{65}\ \Phi_{39}^2$ $\Phi_{26}\ \Phi_{25}\ \Phi_{15}\ \Phi_{13}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
155751	1925	3744	$\frac{53}{1872}$	$\frac{1}{26}$	$\frac{25}{78}$	$\frac{1819}{3744}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{96}\ \Phi_{78}\ \Phi_{39}\ \Phi_{32}\ \Phi_6\ \Phi_3\ \Phi_1$
155752	1925	3876	$\frac{1}{34}$	$\frac{2}{57}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{3876}\ \Phi_{1292}\ \Phi_{228}\ \Phi_{76}\ \Phi_{68}\ \Phi_{57}\ \Phi_{19}\ \Phi_4\ \Phi_1$
155753	1925	5508	$\frac{1}{34}$	$\frac{1}{27}$	$\frac{26}{81}$	$\frac{33}{68}$	$\Phi_{5508}\ \Phi_{324}\ \Phi_{81}\ \Phi_{68}\ \Phi_4\ \Phi_1$
155754	1925	1224	$\frac{1}{34}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{33}{68}$	$\Phi_{1224}^2\ \Phi_{408}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{72}^3\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{36}\ \Phi_{34}^2$ $\Phi_{24}^3\ \Phi_{18}^2\ \Phi_{17}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
155755	1925	1836	$\frac{1}{34}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{33}{68}$	$\Phi_{1836}^2\ \Phi_{612}^2\ \Phi_{204}^2\ \Phi_{108}^2\ \Phi_{68}^3\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_4^3\ \Phi_3^2\ \Phi_1^3$
155756	1925	204	$\frac{1}{34}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{33}{68}$	$\Phi_{204}^8\ \Phi_{102}^{10}\ \Phi_{68}^9\ \Phi_{51}^{10}\ \Phi_{34}^{10}\ \Phi_{17}^{10}\ \Phi_{12}^{13}\ \Phi_6^{14}\ \Phi_4^{14}\ \Phi_3^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
155757	1925	4284	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{33}{68}$	$\Phi_{4284}\ \Phi_{1428}\ \Phi_{476}\ \Phi_{252}\ \Phi_{84}\ \Phi_{68}\ \Phi_{63}\ \Phi_{28}\ \Phi_{21}\ \Phi_7\ \Phi_4\ \Phi_1$
155758	1925	104	$\frac{1}{26}$	$\frac{1}{26}$	$\frac{27}{104}$	$\frac{25}{52}$	$\Phi_{104}^{25}\ \Phi_{26}^{24}\ \Phi_{13}^{24}\ \Phi_8^{25}\ \Phi_2^{24}\ \Phi_1^{25}$
155759	1925	148	$\frac{3}{74}$	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{71}{148}$	$\Phi_{148}^{25}\ \Phi_{37}^2\ \Phi_4^{25}\ \Phi_1^3$
155760	1925	912	$\frac{1}{38}$	$\frac{1}{24}$	$\frac{37}{114}$	$\frac{23}{48}$	$\Phi_{912}^4\ \Phi_{304}^4\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}^5\ \Phi_{16}^5\ \Phi_6\ \Phi_3\ \Phi_1$
155761	1925	240	$\frac{3}{80}$	$\frac{1}{24}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{80}^9\ \Phi_{60}^8\ \Phi_{48}^5\ \Phi_{40}^9\ \Phi_{30}^8\ \Phi_{24}^8\ \Phi_{20}^9\ \Phi_{16}^6\ \Phi_{15}^8\ \Phi_{12}^8$ $\Phi_{10}^9\ \Phi_8^9\ \Phi_6^8\ \Phi_5^9\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
155762	1925	4560	$\frac{1}{24}$	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{23}{48}$	$\Phi_{4560}\ \Phi_{1520}\ \Phi_{240}\ \Phi_{95}\ \Phi_{80}\ \Phi_{48}\ \Phi_{16}\ \Phi_5\ \Phi_1$
155763	1925	912	$\frac{1}{24}$	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{23}{48}$	$\Phi_{912}^4\ \Phi_{304}^4\ \Phi_{48}^5\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{16}^5\ \Phi_2^2\ \Phi_1^3$
155764	1925	48	$\frac{1}{24}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{23}{48}$	$\Phi_{48}^{77}\ \Phi_{24}^4\ \Phi_{16}^{77}\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
155765	1925	104	$\frac{1}{52}$	$\frac{3}{52}$	$\frac{17}{52}$	$\frac{49}{104}$	$\Phi_{104}^{35}\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_8^{35}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
155766	1925	936	$\frac{1}{36}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{936}^4\ \Phi_{312}^4\ \Phi_{104}^3\ \Phi_{72}^4\ \Phi_{36}^3\ \Phi_{24}^4\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3$ $\Phi_2^2\ \Phi_1^3$
155767	1925	104	$\frac{1}{26}$	$\frac{3}{52}$	$\frac{5}{26}$	$\frac{49}{104}$	$\Phi_{104}^{35}\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_8^{35}\ \Phi_2^4\ \Phi_1^5$
155768	1925	312	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{49}{104}$	$\Phi_{312}^{13}\ \Phi_{104}^9\ \Phi_{39}^3\ \Phi_{24}^{13}\ \Phi_{13}^2\ \Phi_8^9\ \Phi_3^3\ \Phi_1^3$
155769	1925	1848	$\frac{1}{56}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}^2\ \Phi_{154}\ \Phi_{132}$ $\Phi_{88}\ \Phi_{84}^2\ \Phi_{77}\ \Phi_{56}\ \Phi_{44}\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{11}$ $\Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
155770	1925	132	$\frac{2}{33}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{31}{66}$	$\Phi_{132}^{16}\ \Phi_{66}^{11}\ \Phi_{44}^{16}\ \Phi_{33}^{16}\ \Phi_{22}^{11}\ \Phi_{12}^{15}\ \Phi_{11}^{15}\ \Phi_6^{10}\ \Phi_4^{15}\ \Phi_3^{15}\ \Phi_2^{10}\ \Phi_1^{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
155771	1925	192	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{17}{192}$	$\frac{15}{32}$	$\Phi_{192}^{11}\ \Phi_{96}^{7}\ \Phi_{64}^{11}\ \Phi_{48}^{11}\ \Phi_{32}^{8}\ \Phi_{24}^{11}\ \Phi_{16}^{11}\ \Phi_{12}^{10}\ \Phi_{8}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
155772	1925	468	$\frac{1}{26}$	$\frac{5}{78}$	$\frac{83}{468}$	$\frac{73}{156}$	$\Phi_{468}^{5}\ \Phi_{234}^{5}\ \Phi_{117}^{5}\ \Phi_{78}^{5}\ \Phi_{39}^{5}\ \Phi_{36}^{5}\ \Phi_{26}^{4}\ \Phi_{18}^{5}\ \Phi_{13}^{4}\ \Phi_{9}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
155773	1925	1872	$\frac{1}{26}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{1872}^{2}\ \Phi_{624}^{2}\ \Phi_{208}^{2}\ \Phi_{144}\ \Phi_{78}^{2}\ \Phi_{48}\ \Phi_{39}^{2}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
155774	1925	37	$\frac{2}{37}$	$\frac{3}{37}$	$\frac{4}{37}$	$\frac{17}{37}$	$\Phi_{37}^{52}\ \Phi_{1}^{53}$
155775	1925	336	$\frac{1}{56}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{336}^{8}\ \Phi_{168}^{4}\ \Phi_{112}^{8}\ \Phi_{84}^{4}\ \Phi_{56}^{3}\ \Phi_{48}^{7}\ \Phi_{42}^{4}\ \Phi_{28}^{3}\ \Phi_{24}^{4}\ \Phi_{21}^{4}\ \Phi_{16}^{7}\ \Phi_{14}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
155776	1925	288	$\frac{13}{288}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{288}^{7}\ \Phi_{144}^{7}\ \Phi_{96}^{7}\ \Phi_{72}^{7}\ \Phi_{48}^{7}\ \Phi_{36}^{7}\ \Phi_{32}^{7}\ \Phi_{24}^{4}\ \Phi_{18}^{7}\ \Phi_{16}^{7}\ \Phi_{12}^{3}\ \Phi_{9}^{7}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
155777	1925	3552	$\frac{1}{74}$	$\frac{149}{1776}$	$\frac{73}{222}$	$\frac{1627}{3552}$	$\Phi_{3552}\ \Phi_{1184}\ \Phi_{222}\ \Phi_{111}\ \Phi_{96}\ \Phi_{32}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
155778	1925	184	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{1}{8}$	$\frac{21}{46}$	$\Phi_{184}^{12}\ \Phi_{92}^{12}\ \Phi_{46}\ \Phi_{23}^{11}\ \Phi_{8}^{11}\ \Phi_{4}^{11}\ \Phi_{1}^{11}$
155779	1925	448	$\frac{1}{56}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{448}^{8}\ \Phi_{64}^{7}\ \Phi_{56}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
155780	1925	192	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{3}{32}$	$\frac{29}{64}$	$\Phi_{192}^{20}\ \Phi_{64}^{15}\ \Phi_{48}^{4}\ \Phi_{24}^{4}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
155781	1925	3540	$\frac{2}{177}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{3540}\ \Phi_{1180}\ \Phi_{708}\ \Phi_{236}\ \Phi_{177}\ \Phi_{59}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
155782	1925	5220	$\frac{1}{87}$	$\frac{1}{10}$	$\frac{86}{261}$	$\frac{9}{20}$	$\Phi_{5220}\ \Phi_{1044}\ \Phi_{261}\ \Phi_{180}\ \Phi_{36}\ \Phi_{20}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
155783	1925	1160	$\frac{1}{58}$	$\frac{1}{10}$	$\frac{57}{232}$	$\frac{9}{20}$	$\Phi_{1160}^{2}\ \Phi_{290}^{2}\ \Phi_{232}^{3}\ \Phi_{145}^{2}\ \Phi_{116}\ \Phi_{58}^{2}\ \Phi_{40}^{2}\ \Phi_{29}^{2}\ \Phi_{20}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
155784	1925	1740	$\frac{2}{87}$	$\frac{1}{10}$	$\frac{17}{87}$	$\frac{9}{20}$	$\Phi_{1740}^{2}\ \Phi_{580}^{2}\ \Phi_{348}^{2}\ \Phi_{116}^{2}\ \Phi_{87}^{2}\ \Phi_{60}^{2}\ \Phi_{29}^{2}\ \Phi_{20}^{3}\ \Phi_{12}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{3}$
155785	1925	180	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^{8}\ \Phi_{45}^{10}\ \Phi_{36}^{15}\ \Phi_{30}^{10}\ \Phi_{20}^{9}\ \Phi_{18}^{15}\ \Phi_{15}^{10}\ \Phi_{12}^{13}\ \Phi_{10}^{10}\ \Phi_{9}^{15}\ \Phi_{6}^{14}\ \Phi_{5}^{10}\ \Phi_{4}^{14}\ \Phi_{3}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
155786	1925	580	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{4}{29}$	$\frac{9}{20}$	$\Phi_{580}^{6}\ \Phi_{116}^{6}\ \Phi_{29}^{6}\ \Phi_{20}^{7}\ \Phi_{4}^{7}\ \Phi_{1}^{7}$
155787	1925	520	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{520}^{4}\ \Phi_{260}^{2}\ \Phi_{130}^{4}\ \Phi_{104}^{6}\ \Phi_{65}^{4}\ \Phi_{52}^{4}\ \Phi_{40}^{2}\ \Phi_{26}^{5}\ \Phi_{20}\ \Phi_{13}^{5}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
155788	1925	2664	$\frac{1}{74}$	$\frac{73}{666}$	$\frac{739}{2664}$	$\frac{593}{1332}$	$\Phi_{2664}\ \Phi_{888}\ \Phi_{666}\ \Phi_{333}\ \Phi_{296}\ \Phi_{222}\ \Phi_{111}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
155789	1925	1764	$\frac{1}{36}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{1764}\ \Phi_{882}\ \Phi_{588}\ \Phi_{441}\ \Phi_{294}\ \Phi_{252}^{2}\ \Phi_{196}\ \Phi_{147}\ \Phi_{126}^{2}\ \Phi_{84}^{2}\ \Phi_{63}^{2}\ \Phi_{49}\ \Phi_{42}^{2}\ \Phi_{36}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
155790	1925	576	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{576}^{4}\ \Phi_{288}^{4}\ \Phi_{192}^{4}\ \Phi_{96}^{4}\ \Phi_{72}^{4}\ \Phi_{64}^{3}\ \Phi_{36}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{4}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
155791	1925	132	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{3}{22}$	$\frac{19}{44}$	$\Phi_{132}^{16}\ \Phi_{66}^{16}\ \Phi_{44}^{9}\ \Phi_{33}^{16}\ \Phi_{22}^{15}\ \Phi_{12}^{15}\ \Phi_{11}^{15}\ \Phi_{6}^{15}\ \Phi_{4}^{8}\ \Phi_{3}^{15}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
155792	1925	288	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{288}^{12}\ \Phi_{96}^{11}\ \Phi_{72}^{4}\ \Phi_{36}^{3}\ \Phi_{32}^{11}\ \Phi_{24}^{4}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
155793	1925	1644	$\frac{1}{137}$	$\frac{1}{6}$	$\frac{136}{411}$	$\frac{5}{12}$	$\Phi_{1644}^{2}\ \Phi_{548}^{2}\ \Phi_{411}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{3}\ \Phi_{1}$
155794	1925	1644	$\frac{2}{137}$	$\frac{1}{6}$	$\frac{27}{137}$	$\frac{5}{12}$	$\Phi_{1644}^{2}\ \Phi_{548}^{2}\ \Phi_{137}^{2}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
155795	1925	168	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{168}^{12}\ \Phi_{84}^{12}\ \Phi_{56}^{11}\ \Phi_{42}^{12}\ \Phi_{28}^{11}\ \Phi_{24}^{12}\ \Phi_{21}^{12}\ \Phi_{14}^{11}\ \Phi_{12}^{7}\ \Phi_{8}^{11}\ \Phi_{7}^{11}\ \Phi_{6}^{11}\ \Phi_{4}^{6}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
155796	1925	1644	$\frac{5}{137}$	$\frac{12}{137}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1644}^{2}\ \Phi_{548}^{2}\ \Phi_{137}^{2}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
155797	1925	156	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{156}^{12}\ \Phi_{78}^{14}\ \Phi_{52}^{12}\ \Phi_{39}^{14}\ \Phi_{26}^{13}\ \Phi_{13}^{13}\ \Phi_{12}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
155798	1925	296	$\frac{5}{148}$	$\frac{13}{148}$	$\frac{27}{148}$	$\frac{121}{296}$	$\Phi_{296}^{11}\ \Phi_{148}^{2}\ \Phi_{74}^{2}\ \Phi_{37}^{2}\ \Phi_{8}^{11}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
155799	1925	130	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{130}$	$\Phi_{130}^{12}\ \Phi_{65}^{13}\ \Phi_{26}^{24}\ \Phi_{13}^{24}\ \Phi_{10}^{12}\ \Phi_{5}^{13}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
155800	1925	37	$\frac{2}{37}$	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{15}{37}$	$\Phi_{37}^{52}\ \Phi_{1}^{53}$
155801	1925	416	$\frac{1}{26}$	$\frac{31}{416}$	$\frac{5}{26}$	$\frac{21}{52}$	$\Phi_{416}^{5}\ \Phi_{208}^{5}\ \Phi_{104}^{5}\ \Phi_{32}^{5}\ \Phi_{26}^{4}\ \Phi_{16}^{5}\ \Phi_{13}^{4}\ \Phi_{8}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
155802	1925	184	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{9}{46}$	$\frac{37}{92}$	$\Phi_{184}^{12}\ \Phi_{92}^{7}\ \Phi_{46}^{11}\ \Phi_{23}^{11}\ \Phi_{8}^{11}\ \Phi_{4}^{6}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
155803	1925	1584	$\frac{1}{176}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}^2\ \Phi_{396}\ \Phi_{264}^2\ \Phi_{198}\ \Phi_{176}\ \Phi_{144}\ \Phi_{132}^2\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
155804	1925	624	$\frac{1}{26}$	$\frac{5}{78}$	$\frac{73}{312}$	$\frac{239}{624}$	$\Phi_{624}^5\ \Phi_{208}^5\ \Phi_{78}^5\ \Phi_{48}^5\ \Phi_{39}^5\ \Phi_{26}^4\ \Phi_{16}^5\ \Phi_{13}^4\ \Phi_6^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
155805	1925	3096	$\frac{2}{387}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{3096}\ \Phi_{1032}\ \Phi_{387}\ \Phi_{344}\ \Phi_{129}\ \Phi_{72}\ \Phi_{43}\ \Phi_9\ \Phi_8\ \Phi_1$
155806	1925	576	$\frac{1}{192}$	$\frac{1}{4}$	$\frac{191}{576}$	$\frac{3}{8}$	$\Phi_{576}^5\ \Phi_{288}^5\ \Phi_{144}^5\ \Phi_{72}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_9^5\ \Phi_8\ \Phi_1$
155807	1925	176	$\frac{1}{176}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{176}^{11}\ \Phi_{88}^{11}\ \Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_{16}^{10}\ \Phi_{11}^{11}\ \Phi_8^{11}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
155808	1925	776	$\frac{3}{388}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{776}^4\ \Phi_{388}\ \Phi_{194}\ \Phi_{97}\ \Phi_8\ \Phi_1$
155809	1925	512	$\frac{1}{128}$	$\frac{127}{512}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{512}^5\ \Phi_{256}^5\ \Phi_8\ \Phi_1$
155810	1925	1944	$\frac{19}{1944}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
155811	1925	96	$\frac{1}{96}$	$\frac{19}{96}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{96}^{20}\ \Phi_{48}^{20}\ \Phi_{32}^{20}\ \Phi_{24}^{20}\ \Phi_{16}^{20}\ \Phi_{12}^{20}\ \Phi_8^{21}\ \Phi_6^{20}\ \Phi_4^{20}\ \Phi_3^{20}\ \Phi_2^{20}\ \Phi_1^{21}$
155812	1925	312	$\frac{1}{78}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^{10}\ \Phi_{104}^{10}\ \Phi_{78}^5\ \Phi_{39}^5\ \Phi_{26}^5\ \Phi_{24}^8\ \Phi_{13}^5\ \Phi_8^9\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
155813	1925	2304	$\frac{5}{384}$	$\frac{379}{2304}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
155814	1925	1952	$\frac{27}{1952}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1952}\ \Phi_{976}\ \Phi_{488}\ \Phi_{244}\ \Phi_{122}\ \Phi_{61}\ \Phi_8\ \Phi_1$
155815	1925	64	$\frac{1}{64}$	$\frac{9}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{64}^{30}\ \Phi_{32}^{30}\ \Phi_{16}^{30}\ \Phi_8^{31}\ \Phi_4^{30}\ \Phi_2^{30}\ \Phi_1^{31}$
155816	1925	56	$\frac{1}{56}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{56}^{35}\ \Phi_{28}^{35}\ \Phi_{14}^{35}\ \Phi_8^{31}\ \Phi_7^{35}\ \Phi_4^{30}\ \Phi_2^{30}\ \Phi_1^{31}$
155817	1925	432	$\frac{1}{48}$	$\frac{47}{432}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{432}^5\ \Phi_{216}^5\ \Phi_{144}^5\ \Phi_{108}^5\ \Phi_{72}^5\ \Phi_{54}^5\ \Phi_{36}^5\ \Phi_{27}^5\ \Phi_{18}^5\ \Phi_9^5\ \Phi_8\ \Phi_1$
155818	1925	1968	$\frac{43}{1968}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{492}\ \Phi_{328}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_8\ \Phi_1$
155819	1925	192	$\frac{5}{192}$	$\frac{17}{192}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{192}^{10}\ \Phi_{96}^{10}\ \Phi_{64}^{10}\ \Phi_{48}^{10}\ \Phi_{32}^{10}\ \Phi_{24}^{10}\ \Phi_{16}^{10}\ \Phi_{12}^{10}\ \Phi_8^{11}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
155820	1925	72	$\frac{1}{36}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^{44}\ \Phi_{36}^{11}\ \Phi_{24}^{40}\ \Phi_{18}^{11}\ \Phi_{12}^{10}\ \Phi_9^{11}\ \Phi_8^{41}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
155821	1925	1984	$\frac{59}{1984}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{31}\ \Phi_8\ \Phi_1$
155822	1925	416	$\frac{1}{32}$	$\frac{31}{416}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{416}^5\ \Phi_{208}^5\ \Phi_{104}^5\ \Phi_{52}^5\ \Phi_{26}^5\ \Phi_{13}^5\ \Phi_8\ \Phi_1$
155823	1925	80	$\frac{3}{80}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{80}^{25}\ \Phi_{40}^{25}\ \Phi_{20}^{25}\ \Phi_{16}^{20}\ \Phi_{10}^{25}\ \Phi_8^{21}\ \Phi_5^{25}\ \Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^{21}$
155824	1925	2048	$\frac{5}{128}$	$\frac{123}{2048}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_8\ \Phi_1$
155825	1925	408	$\frac{1}{24}$	$\frac{23}{408}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^5\ \Phi_{204}^5\ \Phi_{136}^5\ \Phi_{102}^5\ \Phi_{68}^5\ \Phi_{51}^5\ \Phi_{34}^5\ \Phi_{17}^5\ \Phi_8\ \Phi_1$
155826	1925	288	$\frac{13}{288}$	$\frac{5}{96}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}^6\ \Phi_{72}^7\ \Phi_{48}^6\ \Phi_{36}^7\ \Phi_{32}^6\ \Phi_{24}^6\ \Phi_{18}^7\ \Phi_{16}^6\ \Phi_{12}^6\ \Phi_9^7\ \Phi_8^7\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
155827	1925	1512	$\frac{1}{56}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{1512}\ \Phi_{756}\ \Phi_{504}^2\ \Phi_{378}\ \Phi_{252}^2\ \Phi_{216}\ \Phi_{189}\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{108}\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{27}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
155828	1925	252	$\frac{1}{36}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{252}^8\ \Phi_{126}^8\ \Phi_{84}^7\ \Phi_{63}^8\ \Phi_{42}^8\ \Phi_{36}^7\ \Phi_{28}^7\ \Phi_{21}^8\ \Phi_{18}^7\ \Phi_{14}^7\ \Phi_{12}^6\ \Phi_9^7\ \Phi_7^7\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
155829	1925	2028	$\frac{1}{26}$	$\frac{103}{2028}$	$\frac{25}{78}$	$\frac{53}{156}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{676}\ \Phi_{507}\ \Phi_{338}\ \Phi_{169}\ \Phi_{78}\ \Phi_{39}\ \Phi_6\ \Phi_3\ \Phi_1$
155830	1925	264	$\frac{1}{44}$	$\frac{1}{12}$	$\frac{43}{132}$	$\frac{89}{264}$	$\Phi_{264}^{11}\ \Phi_{132}^4\ \Phi_{88}^{11}\ \Phi_{66}^4\ \Phi_{44}^3\ \Phi_{33}^4\ \Phi_{24}^{11}\ \Phi_{22}^3\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_8^{11}\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
155831	1925	1656	$\frac{1}{69}$	$\frac{1}{8}$	$\frac{68}{207}$	$\frac{139}{414}$	$\Phi_{1656}\ \Phi_{828}\ \Phi_{552}^2\ \Phi_{276}^2\ \Phi_{207}\ \Phi_{184}^2\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{72}\ \Phi_{69}\ \Phi_{46}\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
155832	1925	444	$\frac{1}{74}$	$\frac{59}{444}$	$\frac{73}{222}$	$\frac{149}{444}$	$\Phi_{444}^4\ \Phi_{222}^5\ \Phi_{148}^4\ \Phi_{111}^5\ \Phi_{74}^4\ \Phi_{37}^4\ \Phi_{12}^4\ \Phi_6^5\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
155833	1925	1233	$\frac{1}{137}$	$\frac{2}{9}$	$\frac{136}{411}$	$\frac{1}{3}$	$\Phi_{1233}^2\ \Phi_{411}\ \Phi_9^3\ \Phi_3\ \Phi_1$
155834	1925	1026	$\frac{1}{38}$	$\frac{2}{27}$	$\frac{37}{114}$	$\frac{1}{3}$	$\Phi_{1026}^2\ \Phi_{513}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{114}\ \Phi_{57}\ \Phi_{54}^2\ \Phi_{27}^3\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
155835	1925	969	$\frac{2}{57}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{969}^2\ \Phi_{323}^2\ \Phi_{57}^3\ \Phi_{51}\ \Phi_{19}^3\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
155836	1925	885	$\frac{2}{177}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{885}^2\ \Phi_{295}^2\ \Phi_{177}^3\ \Phi_{59}^3\ \Phi_{15}\ \Phi_3\ \Phi_1$
155837	1925	2160	$\frac{3}{80}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{27}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
155838	1925	1233	$\frac{2}{137}$	$\frac{27}{137}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1233}^2\ \Phi_{137}^2\ \Phi_9^3\ \Phi_1^3$
155839	1925	504	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{504}^5\ \Phi_{252}^5\ \Phi_{168}^2\ \Phi_{126}^5\ \Phi_{84}^2\ \Phi_{72}^5\ \Phi_{63}^5\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{36}^5\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9^3\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
155840	1925	1233	$\frac{5}{137}$	$\frac{12}{137}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1233}^2\ \Phi_{137}^2\ \Phi_9^3\ \Phi_1^3$
155841	1925	468	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{468}^6\ \Phi_{234}^5\ \Phi_{156}^2\ \Phi_{117}^5\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{36}^3\ \Phi_{26}\ \Phi_{18}^2\ \Phi_{13}\ \Phi_{12}\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
155842	1925	423	$\frac{2}{47}$	$\frac{38}{423}$	$\frac{9}{47}$	$\frac{1}{3}$	$\Phi_{423}^5\ \Phi_{141}^3\ \Phi_{47}^5\ \Phi_9^5\ \Phi_3^2\ \Phi_1^5$
155843	1925	2565	$\frac{1}{19}$	$\frac{2}{27}$	$\frac{18}{95}$	$\frac{1}{3}$	$\Phi_{2565}\ \Phi_{855}\ \Phi_{135}\ \Phi_{95}\ \Phi_{45}\ \Phi_{27}\ \Phi_9\ \Phi_5\ \Phi_1$
155844	1925	969	$\frac{2}{57}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{969}^2\ \Phi_{323}^2\ \Phi_{57}^3\ \Phi_{19}^3\ \Phi_{17}^2\ \Phi_1^3$
155845	1925	456	$\frac{2}{57}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{456}^5\ \Phi_{228}^5\ \Phi_{152}^5\ \Phi_{114}^2\ \Phi_{76}^5\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{24}^2\ \Phi_{19}^3\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
155846	1925	1170	$\frac{1}{26}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{390}\ \Phi_{234}^2\ \Phi_{195}\ \Phi_{130}\ \Phi_{117}^2\ \Phi_{90}\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{18}\ \Phi_{15}\ \Phi_{13}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
155847	1925	1026	$\frac{2}{27}$	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{3}$	$\Phi_{1026}^2\ \Phi_{513}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{54}^2\ \Phi_{38}^2\ \Phi_{27}^3\ \Phi_{19}^2\ \Phi_{18}^2\ \Phi_9^3\ \Phi_2^2\ \Phi_1^3$
155848	1925	312	$\frac{2}{39}$	$\frac{37}{312}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{312}^6\ \Phi_{156}^6\ \Phi_{104}^6\ \Phi_{78}^6\ \Phi_{52}^6\ \Phi_{39}^7\ \Phi_{26}^6\ \Phi_{24}^7\ \Phi_{13}^7\ \Phi_{12}^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
155849	1925	1176	$\frac{19}{294}$	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{392}^2\ \Phi_{294}\ \Phi_{196}^2\ \Phi_{168}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{56}\ \Phi_{49}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
155850	1925	216	$\frac{2}{27}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{216}^{11}\ \Phi_{108}^8\ \Phi_{72}^{11}\ \Phi_{54}^8\ \Phi_{36}^8\ \Phi_{27}^9\ \Phi_{24}^4\ \Phi_{18}^8\ \Phi_{12}^3\ \Phi_9^9\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
155851	1925	1305	$\frac{1}{87}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{86}{261}$	$\Phi_{1305}^2\ \Phi_{261}^3\ \Phi_{45}^2\ \Phi_{15}\ \Phi_9^3\ \Phi_3\ \Phi_1$
155852	1925	2664	$\frac{1}{74}$	$\frac{149}{888}$	$\frac{739}{2664}$	$\frac{73}{222}$	$\Phi_{2664}\ \Phi_{1332}\ \Phi_{666}\ \Phi_{333}\ \Phi_{222}\ \Phi_{111}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
155853	1925	408	$\frac{3}{136}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{133}{408}$	$\Phi_{408}^7\ \Phi_{204}^7\ \Phi_{102}^7\ \Phi_{51}^7\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_8^3\ \Phi_6^7\ \Phi_4^2\ \Phi_3^7\ \Phi_2^2\ \Phi_1^3$
155854	1925	684	$\frac{1}{38}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{37}{114}$	$\Phi_{684}^4\ \Phi_{342}^4\ \Phi_{171}^4\ \Phi_{114}\ \Phi_{57}\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6\ \Phi_3\ \Phi_1$
155855	1925	1596	$\frac{1}{38}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{37}{114}$	$\Phi_{1596}^2\ \Phi_{798}^2\ \Phi_{399}^2\ \Phi_{114}\ \Phi_{84}^2\ \Phi_{57}\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
155856	1925	1824	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{37}{114}$	$\Phi_{1824}^2\ \Phi_{912}^2\ \Phi_{114}\ \Phi_{96}^2\ \Phi_{57}\ \Phi_{48}^2\ \Phi_{32}\ \Phi_{16}\ \Phi_6\ \Phi_3\ \Phi_1$
155857	1925	114	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{37}{114}$	$\Phi_{114}^{17}\ \Phi_{57}^{17}\ \Phi_{38}^{16}\ \Phi_{19}^{16}\ \Phi_6^{21}\ \Phi_3^{21}\ \Phi_2^{20}\ \Phi_1^{21}$
155858	1925	37	$\frac{1}{37}$	$\frac{4}{37}$	$\frac{9}{37}$	$\frac{12}{37}$	$\Phi_{37}^{52}\ \Phi_1^{53}$
155859	1925	1377	$\frac{1}{27}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{26}{81}$	$\Phi_{1377}^2\ \Phi_{81}^3\ \Phi_{51}\ \Phi_3\ \Phi_1$
155860	1925	1377	$\frac{1}{27}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{26}{81}$	$\Phi_{1377}^2\ \Phi_{81}^3\ \Phi_{17}^2\ \Phi_1^3$
155861	1925	648	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{26}{81}$	$\Phi_{648}^5\ \Phi_{324}^5\ \Phi_{162}^2\ \Phi_{81}^3\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
155862	1925	2808	$\frac{1}{26}$	$\frac{53}{936}$	$\frac{883}{2808}$	$\frac{25}{78}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{216}\ \Phi_{108}\ \Phi_{78}\ \Phi_{54}\ \Phi_{39}\ \Phi_{27}\ \Phi_6\ \Phi_3\ \Phi_1$
155863	1925	2496	$\frac{1}{26}$	$\frac{53}{624}$	$\frac{571}{2496}$	$\frac{25}{78}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{832}\ \Phi_{416}\ \Phi_{192}\ \Phi_{96}\ \Phi_{78}\ \Phi_{64}\ \Phi_{39}\ \Phi_{32}\ \Phi_6\ \Phi_3\ \Phi_1$
155864	1925	2106	$\frac{1}{26}$	$\frac{181}{2106}$	$\frac{53}{234}$	$\frac{25}{78}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{702}\ \Phi_{351}\ \Phi_{162}\ \Phi_{81}\ \Phi_{78}\ \Phi_{54}\ \Phi_{39}\ \Phi_{27}\ \Phi_6\ \Phi_3\ \Phi_1$
155865	1925	468	$\frac{1}{26}$	$\frac{53}{468}$	$\frac{83}{468}$	$\frac{25}{78}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^4\ \Phi_{117}^4\ \Phi_{78}^5\ \Phi_{52}^4\ \Phi_{39}^5\ \Phi_{36}^4\ \Phi_{26}^4\ \Phi_{18}^4\ \Phi_{13}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_6^5\ \Phi_4^4\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
155866	1925	312	$\frac{1}{26}$	$\frac{37}{312}$	$\frac{53}{312}$	$\frac{25}{78}$	$\Phi_{312}^6\ \Phi_{156}^6\ \Phi_{104}^6\ \Phi_{78}^7\ \Phi_{52}^6\ \Phi_{39}^7\ \Phi_{26}^6\ \Phi_{24}^6\ \Phi_{13}^6\ \Phi_{12}^6\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
155867	1925	1224	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{17}{72}$	$\frac{16}{51}$	$\Phi_{1224}^2\ \Phi_{612}^2\ \Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{72}^3\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_4^3\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
155868	1925	459	$\frac{1}{17}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{16}{51}$	$\Phi_{459}^{4}\ \Phi_{153}^{4}\ \Phi_{51}^{5}\ \Phi_{27}^{6}\ \Phi_{17}^{4}\ \Phi_{9}^{6}\ \Phi_{3}^{7}\ \Phi_{1}^{7}$
155869	1925	204	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{16}{51}$	$\Phi_{204}^{10}\ \Phi_{102}^{8}\ \Phi_{68}^{10}\ \Phi_{51}^{9}\ \Phi_{34}^{8}\ \Phi_{17}^{8}\ \Phi_{12}^{15}\ \Phi_{6}^{12}\ \Phi_{4}^{15}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
155870	1925	1071	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{16}{51}$	$\Phi_{1071}^{2}\ \Phi_{357}^{2}\ \Phi_{119}^{2}\ \Phi_{63}^{3}\ \Phi_{51}\ \Phi_{21}^{3}\ \Phi_{7}^{3}\ \Phi_{3}\ \Phi_{1}$
155871	1925	111	$\frac{2}{37}$	$\frac{3}{37}$	$\frac{7}{37}$	$\frac{34}{111}$	$\Phi_{111}^{25}\ \Phi_{37}^{2}\ \Phi_{3}^{25}\ \Phi_{1}^{3}$
155872	1925	720	$\frac{3}{80}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{720}^{4}\ \Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{144}^{4}\ \Phi_{90}^{4}\ \Phi_{80}\ \Phi_{72}^{4}\ \Phi_{45}^{4}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
155873	1925	3420	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{18}{95}$	$\frac{11}{36}$	$\Phi_{3420}\ \Phi_{1710}\ \Phi_{855}\ \Phi_{180}\ \Phi_{95}\ \Phi_{90}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
155874	1925	684	$\frac{3}{38}$	$\frac{1}{12}$	$\frac{5}{38}$	$\frac{11}{36}$	$\Phi_{684}^{4}\ \Phi_{342}^{4}\ \Phi_{171}^{4}\ \Phi_{38}^{2}\ \Phi_{36}^{5}\ \Phi_{19}^{2}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
155875	1925	72	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{36}$	$\Phi_{72}^{44}\ \Phi_{36}^{33}\ \Phi_{24}^{4}\ \Phi_{18}^{33}\ \Phi_{12}^{3}\ \Phi_{9}^{33}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
155876	1925	396	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{23}{198}$	$\frac{10}{33}$	$\Phi_{396}^{6}\ \Phi_{198}^{5}\ \Phi_{132}^{4}\ \Phi_{99}^{5}\ \Phi_{66}^{3}\ \Phi_{44}^{4}\ \Phi_{36}^{6}\ \Phi_{33}^{4}\ \Phi_{22}^{3}\ \Phi_{18}^{5}\ \Phi_{12}^{3}\ \Phi_{11}^{3}\ \Phi_{9}^{5}\ \Phi_{6}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
155877	1925	78	$\frac{1}{26}$	$\frac{3}{26}$	$\frac{5}{26}$	$\frac{23}{78}$	$\Phi_{78}^{35}\ \Phi_{39}^{35}\ \Phi_{26}^{4}\ \Phi_{13}^{4}\ \Phi_{6}^{35}\ \Phi_{3}^{35}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
155878	1925	78	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{3}{26}$	$\frac{23}{78}$	$\Phi_{78}^{22}\ \Phi_{39}^{25}\ \Phi_{26}^{26}\ \Phi_{13}^{28}\ \Phi_{6}^{22}\ \Phi_{3}^{25}\ \Phi_{2}^{26}\ \Phi_{1}^{29}$
155879	1925	72	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{72}^{27}\ \Phi_{36}^{26}\ \Phi_{24}^{28}\ \Phi_{18}^{26}\ \Phi_{12}^{27}\ \Phi_{9}^{26}\ \Phi_{8}^{27}\ \Phi_{6}^{27}\ \Phi_{4}^{26}\ \Phi_{3}^{27}\ \Phi_{2}^{26}\ \Phi_{1}^{27}$
155880	1925	192	$\frac{1}{12}$	$\frac{17}{192}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{192}^{11}\ \Phi_{96}^{11}\ \Phi_{64}^{11}\ \Phi_{48}^{11}\ \Phi_{32}^{11}\ \Phi_{24}^{4}\ \Phi_{16}^{11}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
155881	1925	296	$\frac{21}{296}$	$\frac{15}{148}$	$\frac{19}{148}$	$\frac{43}{148}$	$\Phi_{296}^{7}\ \Phi_{148}^{6}\ \Phi_{74}^{6}\ \Phi_{37}^{6}\ \Phi_{8}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
155882	1925	1404	$\frac{1}{26}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{1404}^{2}\ \Phi_{702}^{2}\ \Phi_{351}^{2}\ \Phi_{108}\ \Phi_{78}^{2}\ \Phi_{54}\ \Phi_{39}^{2}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
155883	1925	252	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{252}^{8}\ \Phi_{126}^{8}\ \Phi_{84}^{8}\ \Phi_{63}^{8}\ \Phi_{42}^{8}\ \Phi_{36}^{7}\ \Phi_{28}^{8}\ \Phi_{21}^{8}\ \Phi_{18}^{7}\ \Phi_{14}^{3}\ \Phi_{12}^{7}\ \Phi_{9}^{7}\ \Phi_{7}^{5}\ \Phi_{6}^{7}\ \Phi_{4}^{7}\ \Phi_{3}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{5}$
155884	1925	1170	$\frac{1}{26}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1170}^{2}\ \Phi_{585}^{2}\ \Phi_{390}^{2}\ \Phi_{195}^{2}\ \Phi_{130}^{2}\ \Phi_{90}\ \Phi_{78}^{2}\ \Phi_{65}^{2}\ \Phi_{45}\ \Phi_{39}^{2}\ \Phi_{30}\ \Phi_{26}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
155885	1925	288	$\frac{13}{288}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{288}^{7}\ \Phi_{144}^{7}\ \Phi_{96}^{7}\ \Phi_{72}^{5}\ \Phi_{48}^{7}\ \Phi_{36}^{5}\ \Phi_{32}^{7}\ \Phi_{24}^{7}\ \Phi_{18}^{6}\ \Phi_{16}^{7}\ \Phi_{12}^{7}\ \Phi_{9}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
155886	1925	336	$\frac{1}{56}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{336}^{8}\ \Phi_{168}^{8}\ \Phi_{84}^{8}\ \Phi_{56}^{3}\ \Phi_{48}^{7}\ \Phi_{42}^{8}\ \Phi_{28}^{3}\ \Phi_{24}^{7}\ \Phi_{21}^{8}\ \Phi_{14}^{3}\ \Phi_{12}^{7}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{6}^{7}\ \Phi_{4}^{2}\ \Phi_{3}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
155887	1925	48	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{3}{16}$	$\frac{13}{48}$	$\Phi_{48}^{39}\ \Phi_{24}^{39}\ \Phi_{16}^{43}\ \Phi_{12}^{38}\ \Phi_{8}^{43}\ \Phi_{6}^{38}\ \Phi_{4}^{42}\ \Phi_{3}^{38}\ \Phi_{2}^{42}\ \Phi_{1}^{43}$
155888	1925	3480	$\frac{1}{58}$	$\frac{1}{5}$	$\frac{57}{232}$	$\frac{4}{15}$	$\Phi_{3480}\ \Phi_{1740}\ \Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{120}\ \Phi_{116}\ \Phi_{60}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
155889	1925	435	$\frac{2}{87}$	$\frac{17}{87}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{435}^{4}\ \Phi_{145}^{4}\ \Phi_{87}^{6}\ \Phi_{29}^{6}\ \Phi_{15}^{5}\ \Phi_{5}^{4}\ \Phi_{3}^{7}\ \Phi_{1}^{7}$
155890	1925	180	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^{10}\ \Phi_{45}^{10}\ \Phi_{36}^{15}\ \Phi_{30}^{8}\ \Phi_{20}^{10}\ \Phi_{18}^{15}\ \Phi_{15}^{9}\ \Phi_{12}^{15}\ \Phi_{10}^{8}\ \Phi_{9}^{15}\ \Phi_{6}^{12}\ \Phi_{5}^{8}\ \Phi_{4}^{15}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
155891	1925	435	$\frac{1}{29}$	$\frac{4}{29}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{435}^{6}\ \Phi_{87}^{6}\ \Phi_{29}^{6}\ \Phi_{15}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{7}$
155892	1925	1560	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1560}^{2}\ \Phi_{780}^{2}\ \Phi_{390}\ \Phi_{312}^{2}\ \Phi_{195}\ \Phi_{156}^{2}\ \Phi_{120}\ \Phi_{104}^{2}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
155893	1925	560	$\frac{3}{80}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{560}^{4}\ \Phi_{280}^{4}\ \Phi_{140}^{4}\ \Phi_{112}^{4}\ \Phi_{80}\ \Phi_{70}^{4}\ \Phi_{56}^{4}\ \Phi_{40}\ \Phi_{35}^{4}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
155894	1925	160	$\frac{3}{80}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{160}^{16}\ \Phi_{80}^{9}\ \Phi_{40}^{9}\ \Phi_{32}^{13}\ \Phi_{20}^{9}\ \Phi_{16}^{6}\ \Phi_{10}^{9}\ \Phi_{8}^{9}\ \Phi_{5}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
155895	1925	136	$\frac{3}{68}$	$\frac{1}{8}$	$\frac{13}{68}$	$\frac{1}{4}$	$\Phi_{136}^{16}\ \Phi_{68}^{12}\ \Phi_{34}^{12}\ \Phi_{17}^{12}\ \Phi_{8}^{19}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
155896	1925	2660	$\frac{1}{19}$	$\frac{3}{28}$	$\frac{18}{95}$	$\frac{1}{4}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{665}\ \Phi_{140}\ \Phi_{95}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
155897	1925	288	$\frac{13}{288}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{288}^{7}\ \Phi_{144}^{7}\ \Phi_{96}^{7}\ \Phi_{72}^{7}\ \Phi_{48}^{7}\ \Phi_{36}^{7}\ \Phi_{32}^{7}\ \Phi_{24}^{7}\ \Phi_{18}^{7}\ \Phi_{12}^{7}\ \Phi_{9}^{7}\ \Phi_{8}^{3}\ \Phi_{6}^{7}\ \Phi_{4}^{2}\ \Phi_{3}^{7}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
155898	1925	240	$\frac{3}{80}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}^{9}\ \Phi_{60}^{8}\ \Phi_{48}^{8}\ \Phi_{40}^{9}\ \Phi_{30}^{8}\ \Phi_{24}^{8}\ \Phi_{20}^{9}\ \Phi_{16}^{9}\ \Phi_{15}^{8}\ \Phi_{10}^{9}\ \Phi_{8}^{9}\ \Phi_{6}^{4}\ \Phi_{5}^{9}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
155899	1925	532	$\frac{3}{38}$	$\frac{3}{28}$	$\frac{5}{38}$	$\frac{1}{4}$	$\Phi_{532}^{4}\ \Phi_{266}^{4}\ \Phi_{133}^{4}\ \Phi_{38}^{2}\ \Phi_{28}^{5}\ \Phi_{19}^{2}\ \Phi_{14}^{5}\ \Phi_{7}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
155900	1925	168	$\frac{1}{12}$	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{168}^{16}\ \Phi_{84}^{12}\ \Phi_{56}^{12}\ \Phi_{42}^{12}\ \Phi_{28}^{9}\ \Phi_{24}^{4}\ \Phi_{21}^{12}\ \Phi_{14}^{9}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{9}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
155901	1925	1224	$\frac{1}{18}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{17}{72}$	$\Phi_{1224}^{2}\ \Phi_{612}^{2}\ \Phi_{408}^{2}\ \Phi_{204}^{2}\ \Phi_{136}^{2}\ \Phi_{72}^{3}\ \Phi_{68}^{2}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{17}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
155902	1925	72	$\frac{1}{18}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{17}{72}$	$\Phi_{72}^{25}\ \Phi_{36}^{25}\ \Phi_{24}^{27}\ \Phi_{18}^{30}\ \Phi_{12}^{27}\ \Phi_{9}^{30}\ \Phi_{8}^{26}\ \Phi_{6}^{31}\ \Phi_{4}^{26}\ \Phi_{3}^{31}\ \Phi_{2}^{30}\ \Phi_{1}^{31}$
155903	1925	39	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{2}{13}$	$\frac{3}{13}$	$\Phi_{39}^{55}\ \Phi_{13}^{38}\ \Phi_{3}^{55}\ \Phi_{1}^{39}$
155904	1925	3040	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{18}{95}$	$\frac{7}{32}$	$\Phi_{3040}\ \Phi_{1520}\ \Phi_{160}\ \Phi_{95}\ \Phi_{80}\ \Phi_{32}\ \Phi_{16}\ \Phi_{5}\ \Phi_{1}$
155905	1925	608	$\frac{3}{38}$	$\frac{1}{8}$	$\frac{5}{38}$	$\frac{7}{32}$	$\Phi_{608}^{4}\ \Phi_{304}^{4}\ \Phi_{38}^{2}\ \Phi_{32}^{5}\ \Phi_{19}^{2}\ \Phi_{16}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
155906	1925	96	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{32}$	$\Phi_{96}^{28}\ \Phi_{48}^{28}\ \Phi_{32}^{21}\ \Phi_{24}^{4}\ \Phi_{16}^{21}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
155907	1925	1248	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{1248}^{2}\ \Phi_{624}^{2}\ \Phi_{416}^{2}\ \Phi_{208}^{2}\ \Phi_{96}\ \Phi_{78}^{2}\ \Phi_{48}\ \Phi_{39}^{2}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
155908	1925	132	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{44}$	$\Phi_{132}^{16}\ \Phi_{66}^{16}\ \Phi_{44}^{11}\ \Phi_{33}^{16}\ \Phi_{22}^{11}\ \Phi_{12}^{15}\ \Phi_{11}^{15}\ \Phi_{6}^{15}\ \Phi_{4}^{10}\ \Phi_{3}^{15}\ \Phi_{2}^{10}\ \Phi_{1}^{15}$
155909	1925	444	$\frac{2}{37}$	$\frac{59}{444}$	$\frac{7}{37}$	$\frac{15}{74}$	$\Phi_{444}^{5}\ \Phi_{222}^{5}\ \Phi_{148}^{5}\ \Phi_{111}^{5}\ \Phi_{37}^{2}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{3}$
155910	1925	570	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{18}{95}$	$\Phi_{570}^{4}\ \Phi_{285}^{4}\ \Phi_{190}^{4}\ \Phi_{95}^{5}\ \Phi_{30}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
155911	1925	459	$\frac{2}{27}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{27}$	$\Phi_{459}^{4}\ \Phi_{153}^{4}\ \Phi_{51}^{4}\ \Phi_{27}^{6}\ \Phi_{17}^{6}\ \Phi_{9}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{9}$
155912	1925	216	$\frac{2}{27}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{27}$	$\Phi_{216}^{10}\ \Phi_{108}^{10}\ \Phi_{72}^{10}\ \Phi_{54}^{4}\ \Phi_{36}^{10}\ \Phi_{27}^{6}\ \Phi_{24}^{12}\ \Phi_{18}^{4}\ \Phi_{12}^{12}\ \Phi_{9}^{6}\ \Phi_{8}^{11}\ \Phi_{6}^{5}\ \Phi_{4}^{11}\ \Phi_{3}^{7}\ \Phi_{2}^{4}\ \Phi_{1}^{7}$
155913	1925	481	$\frac{36}{481}$	$\frac{56}{481}$	$\frac{85}{481}$	$\frac{89}{481}$	$\Phi_{481}^{4}\ \Phi_{37}^{4}\ \Phi_{13}^{4}\ \Phi_{1}^{5}$
155914	1925	184	$\frac{7}{92}$	$\frac{1}{8}$	$\frac{15}{92}$	$\frac{17}{92}$	$\Phi_{184}^{12}\ \Phi_{92}^{9}\ \Phi_{46}^{9}\ \Phi_{23}^{9}\ \Phi_{8}^{11}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
155915	1925	962	$\frac{77}{962}$	$\frac{115}{962}$	$\frac{157}{962}$	$\frac{177}{962}$	$\Phi_{962}^{2}\ \Phi_{481}^{2}\ \Phi_{74}^{2}\ \Phi_{37}^{2}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
155916	1925	1158	$\frac{31}{386}$	$\frac{45}{386}$	$\frac{1}{6}$	$\frac{71}{386}$	$\Phi_{1158}^{2}\ \Phi_{579}^{2}\ \Phi_{386}\ \Phi_{193}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
155917	1925	204	$\frac{1}{12}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{3}{17}$	$\Phi_{204}^{10}\ \Phi_{102}^{8}\ \Phi_{68}^{10}\ \Phi_{51}^{8}\ \Phi_{34}^{8}\ \Phi_{17}^{10}\ \Phi_{12}^{15}\ \Phi_{6}^{12}\ \Phi_{4}^{15}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{15}$
155918	1925	1071	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{8}{63}$	$\frac{3}{17}$	$\Phi_{1071}^{2}\ \Phi_{357}^{2}\ \Phi_{119}^{2}\ \Phi_{63}^{3}\ \Phi_{21}^{3}\ \Phi_{17}^{2}\ \Phi_{7}^{3}\ \Phi_{1}^{3}$
155919	1925	528	$\frac{1}{12}$	$\frac{21}{176}$	$\frac{29}{176}$	$\frac{31}{176}$	$\Phi_{528}^{4}\ \Phi_{264}^{4}\ \Phi_{176}^{3}\ \Phi_{132}^{4}\ \Phi_{88}^{3}\ \Phi_{66}^{4}\ \Phi_{48}^{4}\ \Phi_{44}^{3}\ \Phi_{33}^{4}\ \Phi_{24}^{4}\ \Phi_{22}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
155920	1925	962	$\frac{73}{962}$	$\frac{127}{962}$	$\frac{159}{962}$	$\frac{167}{962}$	$\Phi_{962}^{2}\ \Phi_{481}^{2}\ \Phi_{74}^{2}\ \Phi_{37}^{2}\ \Phi_{26}^{2}\ \Phi_{13}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
155921	1925	1158	$\frac{29}{386}$	$\frac{51}{386}$	$\frac{1}{6}$	$\frac{67}{386}$	$\Phi_{1158}^{2}\ \Phi_{579}^{2}\ \Phi_{386}\ \Phi_{193}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
155922	1925	114	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{114}^{16}\ \Phi_{57}^{16}\ \Phi_{38}^{18}\ \Phi_{19}^{18}\ \Phi_{6}^{20}\ \Phi_{3}^{20}\ \Phi_{2}^{22}\ \Phi_{1}^{23}$
155923	1925	24	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{24}^{92}\ \Phi_{12}^{67}\ \Phi_{8}^{91}\ \Phi_{6}^{71}\ \Phi_{4}^{66}\ \Phi_{3}^{71}\ \Phi_{2}^{70}\ \Phi_{1}^{71}$
155924	1925	648	$\frac{5}{54}$	$\frac{1}{8}$	$\frac{49}{324}$	$\frac{1}{6}$	$\Phi_{648}^{4}\ \Phi_{324}^{3}\ \Phi_{216}^{2}\ \Phi_{162}^{3}\ \Phi_{108}^{3}\ \Phi_{81}^{3}\ \Phi_{72}^{2}\ \Phi_{54}^{2}\ \Phi_{36}\ \Phi_{27}^{2}\ \Phi_{24}^{4}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
155925	1925	504	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{63}$	$\frac{1}{6}$	$\Phi_{504}^{5}\ \Phi_{252}^{5}\ \Phi_{168}^{5}\ \Phi_{126}^{2}\ \Phi_{84}^{5}\ \Phi_{63}^{3}\ \Phi_{56}^{5}\ \Phi_{42}^{2}\ \Phi_{28}^{5}\ \Phi_{24}^{2}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{7}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
155926	1926	1540	$\frac{1}{385}$	$\frac{193}{770}$	$\frac{577}{1540}$	$\frac{192}{385}$	$\Phi_{1540}^{2}\ \Phi_{385}\ \Phi_{308}^{2}\ \Phi_{220}^{2}\ \Phi_{140}^{2}\ \Phi_{77}\ \Phi_{55}\ \Phi_{44}^{2}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{11}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
155927	1926	640	$\frac{1}{320}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{319}{640}$	$\Phi_{640}^{6}\ \Phi_{128}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
155928	1926	1920	$\frac{1}{320}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{319}{640}$	$\Phi_{1920}^{3}\ \Phi_{384}^{3}\ \Phi_{12}\ \Phi_{6}$
155929	1926	550	$\frac{1}{275}$	$\frac{46}{275}$	$\frac{229}{550}$	$\frac{137}{275}$	$\Phi_{550}^{6}\ \Phi_{275}\ \Phi_{110}^{6}\ \Phi_{55}\ \Phi_{50}^{6}\ \Phi_{25}\ \Phi_{22}^{6}\ \Phi_{11}\ \Phi_{10}^{6}\ \Phi_{5}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
155930	1926	1918	$\frac{4}{959}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{955}{1918}$	$\Phi_{1918}^{2}\ \Phi_{274}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
155931	1926	3408	$\frac{1}{213}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{106}{213}$	$\Phi_{3408}\ \Phi_{1136}\ \Phi_{213}\ \Phi_{71}\ \Phi_{48}\ \Phi_{16}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
155932	1926	852	$\frac{1}{213}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{106}{213}$	$\Phi_{852}^{2}\ \Phi_{426}^{2}\ \Phi_{284}^{2}\ \Phi_{213}^{3}\ \Phi_{142}^{2}\ \Phi_{71}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
155933	1926	1750	$\frac{1}{175}$	$\frac{88}{875}$	$\frac{787}{1750}$	$\frac{87}{175}$	$\Phi_{1750}^{2}\ \Phi_{350}^{2}\ \Phi_{250}^{2}\ \Phi_{175}\ \Phi_{70}^{2}\ \Phi_{50}^{2}\ \Phi_{35}\ \Phi_{25}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
155934	1926	638	$\frac{2}{319}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{317}{638}$	$\Phi_{638}^{6}\ \Phi_{58}^{6}\ \Phi_{22}^{6}\ \Phi_{11}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
155935	1926	1925	$\frac{13}{1925}$	$\frac{323}{1925}$	$\frac{534}{1925}$	$\frac{956}{1925}$	$\Phi_{1925}\ \Phi_{385}\ \Phi_{275}\ \Phi_{175}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}\ \Phi_{25}\ \Phi_{11}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
155936	1926	2572	$\frac{5}{643}$	$\frac{108}{643}$	$\frac{1}{4}$	$\frac{319}{643}$	$\Phi_{2572}\ \Phi_{1286}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
155937	1926	637	$\frac{5}{637}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{316}{637}$	$\Phi_{637}^{3}\ \Phi_{91}^{3}\ \Phi_{49}^{3}\ \Phi_{13}^{3}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
155938	1926	1288	$\frac{3}{322}$	$\frac{1}{7}$	$\frac{325}{1288}$	$\frac{319}{644}$	$\Phi_{1288}^{2}\ \Phi_{322}^{2}\ \Phi_{184}^{2}\ \Phi_{161}^{2}\ \Phi_{56}^{2}\ \Phi_{46}^{2}\ \Phi_{23}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
155939	1926	3604	$\frac{1}{106}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{105}{212}$	$\Phi_{3604}\ \Phi_{212}^{2}\ \Phi_{68}\ \Phi_{17}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
155940	1926	3180	$\frac{1}{106}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{105}{212}$	$\Phi_{3180}^{2}\ \Phi_{636}\ \Phi_{60}^{2}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
155941	1926	3604	$\frac{1}{106}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{105}{212}$	$\Phi_{3604}\ \Phi_{212}^{2}\ \Phi_{68}\ \Phi_{17}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
155942	1926	1484	$\frac{1}{106}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{105}{212}$	$\Phi_{1484}\ \Phi_{742}^{2}\ \Phi_{371}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
155943	1926	1904	$\frac{11}{952}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{941}{1904}$	$\Phi_{1904}^{2}\ \Phi_{272}^{2}\ \Phi_{112}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
155944	1926	616	$\frac{1}{77}$	$\frac{13}{308}$	$\frac{295}{616}$	$\frac{38}{77}$	$\Phi_{616}^{6}\ \Phi_{88}^{6}\ \Phi_{77}\ \Phi_{56}^{6}\ \Phi_{11}\ \Phi_{8}^{6}\ \Phi_{7}\ \Phi_{1}^{2}$
155945	1926	154	$\frac{1}{77}$	$\frac{13}{154}$	$\frac{47}{154}$	$\frac{38}{77}$	$\Phi_{154}^{12}\ \Phi_{77}^{13}\ \Phi_{22}^{12}\ \Phi_{14}^{12}\ \Phi_{11}^{13}\ \Phi_{7}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
155946	1926	1078	$\frac{1}{77}$	$\frac{115}{1078}$	$\frac{39}{154}$	$\frac{38}{77}$	$\Phi_{1078}^{2}\ \Phi_{539}^{2}\ \Phi_{98}^{2}\ \Phi_{77}\ \Phi_{49}^{2}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^{2}$
155947	1926	1232	$\frac{1}{77}$	$\frac{39}{308}$	$\frac{269}{1232}$	$\frac{38}{77}$	$\Phi_{1232}^{2}\ \Phi_{616}^{2}\ \Phi_{176}^{2}\ \Phi_{112}^{2}\ \Phi_{88}^{2}\ \Phi_{77}\ \Phi_{56}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
155948	1926	385	$\frac{1}{77}$	$\frac{64}{385}$	$\frac{13}{77}$	$\frac{38}{77}$	$\Phi_{385}^{6}\ \Phi_{77}\ \Phi_{55}^{6}\ \Phi_{35}^{6}\ \Phi_{11}\ \Phi_{7}\ \Phi_{5}^{6}\ \Phi_{1}^{2}$
155949	1926	1900	$\frac{13}{950}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{937}{1900}$	$\Phi_{1900}^{2}\ \Phi_{380}^{2}\ \Phi_{100}^{2}\ \Phi_{76}^{2}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
155950	1926	1892	$\frac{17}{946}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{929}{1892}$	$\Phi_{1892}^{2}\ \Phi_{172}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
155951	1926	1870	$\frac{1}{55}$	$\frac{28}{935}$	$\frac{907}{1870}$	$\frac{27}{55}$	$\Phi_{1870}^{2}\ \Phi_{374}^{2}\ \Phi_{170}^{2}\ \Phi_{110}^{2}\ \Phi_{55}\ \Phi_{34}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{5}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
155952	1926	210	$\frac{2}{105}$	$\frac{1}{35}$	$\frac{17}{35}$	$\frac{103}{210}$	$\Phi_{210}^{18}\ \Phi_{70}^{18}\ \Phi_{42}^{18}\ \Phi_{35}\ \Phi_{30}^{18}\ \Phi_{14}^{18}\ \Phi_{10}^{18}\ \Phi_{7}\ \Phi_{6}^{18}\ \Phi_{5}\ \Phi_{2}^{18}\ \Phi_{1}^{2}$
155953	1926	3990	$\frac{2}{105}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{103}{210}$	$\Phi_{3990}\ \Phi_{1330}\ \Phi_{798}\ \Phi_{570}\ \Phi_{266}\ \Phi_{190}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
155954	1926	210	$\frac{2}{105}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{103}{210}$	$\Phi_{210}^{8}\ \Phi_{105}^{10}\ \Phi_{70}^{8}\ \Phi_{42}^{8}\ \Phi_{35}^{10}\ \Phi_{30}^{8}\ \Phi_{21}^{10}\ \Phi_{15}^{10}\ \Phi_{14}^{8}\ \Phi_{10}^{12}\ \Phi_{7}^{10}\ \Phi_{6}^{8}\ \Phi_{5}^{13}\ \Phi_{3}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
155955	1926	210	$\frac{2}{105}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{103}{210}$	$\Phi_{210}^{18}\ \Phi_{70}^{18}\ \Phi_{42}^{18}\ \Phi_{30}^{18}\ \Phi_{14}^{18}\ \Phi_{10}^{18}\ \Phi_{7}^{5}\ \Phi_{6}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{6}$
155956	1926	2576	$\frac{1}{46}$	$\frac{47}{368}$	$\frac{1}{7}$	$\frac{45}{92}$	$\Phi_{2576}\ \Phi_{1288}\ \Phi_{322}\ \Phi_{161}\ \Phi_{112}\ \Phi_{56}\ \Phi_{14}$
155957	1926	1290	$\frac{1}{43}$	$\frac{1}{10}$	$\frac{22}{129}$	$\frac{21}{43}$	$\Phi_{1290}^{2}\ \Phi_{645}^{2}\ \Phi_{430}\ \Phi_{258}^{2}\ \Phi_{215}\ \Phi_{86}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}$
155958	1926	209	$\frac{5}{209}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{102}{209}$	$\Phi_{209}^{9}\ \Phi_{19}^{9}\ \Phi_{11}^{13}\ \Phi_{1}^{14}$
155959	1926	625	$\frac{17}{625}$	$\frac{1}{25}$	$\frac{8}{25}$	$\frac{304}{625}$	$\Phi_{625}^{3}\ \Phi_{125}^{3}\ \Phi_{25}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
155960	1926	2736	$\frac{1}{36}$	$\frac{1}{19}$	$\frac{37}{144}$	$\frac{35}{72}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{684}\ \Phi_{342}\ \Phi_{304}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
155961	1926	140	$\frac{1}{35}$	$\frac{2}{35}$	$\frac{33}{140}$	$\frac{17}{35}$	$\Phi_{140}^{18}\ \Phi_{70}^{18}\ \Phi_{35}\ \Phi_{28}^{18}\ \Phi_{20}^{18}\ \Phi_{14}^{18}\ \Phi_{10}^{18}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{2}$
155962	1926	350	$\frac{1}{35}$	$\frac{29}{350}$	$\frac{6}{35}$	$\frac{17}{35}$	$\Phi_{350}^{6}\ \Phi_{175}^{6}\ \Phi_{70}^{6}\ \Phi_{50}^{6}\ \Phi_{35}\ \Phi_{25}^{6}\ \Phi_{14}^{6}\ \Phi_{10}^{6}\ \Phi_{7}\ \Phi_{5}\ \Phi_{2}^{6}\ \Phi_{1}^{2}$
155963	1926	3952	$\frac{3}{104}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{101}{208}$	$\Phi_{3952}\ \Phi_{304}\ \Phi_{76}\ \Phi_{38}$
155964	1926	1300	$\frac{12}{325}$	$\frac{1}{25}$	$\frac{337}{1300}$	$\frac{313}{650}$	$\Phi_{1300}^{2}\ \Phi_{325}^{2}\ \Phi_{260}^{2}\ \Phi_{100}^{2}\ \Phi_{65}^{2}\ \Phi_{52}^{2}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{13}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
155965	1926	475	$\frac{13}{475}$	$\frac{1}{25}$	$\frac{154}{475}$	$\frac{12}{25}$	$\Phi_{475}^{4}\ \Phi_{95}^{4}\ \Phi_{25}^{5}\ \Phi_{19}^{4}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
155966	1926	1000	$\frac{37}{1000}$	$\frac{1}{25}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{1000}^{2}\ \Phi_{500}^{2}\ \Phi_{250}^{2}\ \Phi_{200}^{2}\ \Phi_{125}^{2}\ \Phi_{100}^{2}\ \Phi_{40}^{2}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
155967	1926	616	$\frac{2}{77}$	$\frac{13}{308}$	$\frac{25}{77}$	$\frac{295}{616}$	$\Phi_{616}^{6}\ \Phi_{88}^{6}\ \Phi_{77}\ \Phi_{56}^{6}\ \Phi_{11}\ \Phi_{8}^{6}\ \Phi_{7}\ \Phi_{1}^{2}$
155968	1926	616	$\frac{13}{308}$	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{295}{616}$	$\Phi_{616}^{6}\ \Phi_{88}^{6}\ \Phi_{77}\ \Phi_{56}^{6}\ \Phi_{11}\ \Phi_{8}^{6}\ \Phi_{7}\ \Phi_{1}^{2}$
155969	1926	616	$\frac{13}{308}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{295}{616}$	$\Phi_{616}^{6}\ \Phi_{88}^{6}\ \Phi_{56}^{6}\ \Phi_{14}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
155970	1926	616	$\frac{13}{308}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{295}{616}$	$\Phi_{616}^{6}\ \Phi_{88}^{6}\ \Phi_{56}^{6}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{8}^{6}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
155971	1926	3876	$\frac{5}{102}$	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{97}{204}$	$\Phi_{3876}\ \Phi_{1292}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
155972	1926	352	$\frac{5}{88}$	$\frac{31}{352}$	$\frac{1}{11}$	$\frac{83}{176}$	$\Phi_{352}^{6}\ \Phi_{176}^{4}\ \Phi_{88}^{6}\ \Phi_{44}^{6}\ \Phi_{32}^{6}\ \Phi_{22}^{6}\ \Phi_{16}^{4}\ \Phi_{11}^{5}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
155973	1926	1820	$\frac{1}{35}$	$\frac{53}{910}$	$\frac{17}{70}$	$\frac{857}{1820}$	$\Phi_{1820}^{2}\ \Phi_{364}^{2}\ \Phi_{260}^{2}\ \Phi_{140}^{2}\ \Phi_{70}^{2}\ \Phi_{52}^{2}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
155974	1926	2703	$\frac{1}{53}$	$\frac{1}{17}$	$\frac{52}{159}$	$\frac{8}{17}$	$\Phi_{2703}\ \Phi_{159}^{2}\ \Phi_{51}\ \Phi_{17}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
155975	1926	605	$\frac{1}{55}$	$\frac{37}{605}$	$\frac{18}{55}$	$\frac{284}{605}$	$\Phi_{605}^{3}\ \Phi_{121}^{3}\ \Phi_{55}^{5}\ \Phi_{11}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
155976	1926	605	$\frac{37}{605}$	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{284}{605}$	$\Phi_{605}^{3}\ \Phi_{121}^{4}\ \Phi_{55}^{3}\ \Phi_{11}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
155977	1926	200	$\frac{1}{25}$	$\frac{7}{100}$	$\frac{4}{25}$	$\frac{93}{200}$	$\Phi_{200}^{18}\ \Phi_{40}^{18}\ \Phi_{25}^{5}\ \Phi_{8}^{18}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
155978	1926	112	$\frac{5}{112}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{112}^{18}\ \Phi_{56}^{18}\ \Phi_{28}^{12}\ \Phi_{16}^{18}\ \Phi_{14}^{18}\ \Phi_{8}^{18}\ \Phi_{7}^{17}\ \Phi_{4}^{12}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
155979	1926	4186	$\frac{1}{23}$	$\frac{22}{299}$	$\frac{1}{7}$	$\frac{277}{598}$	$\Phi_{4186}\ \Phi_{322}\ \Phi_{182}\ \Phi_{161}\ \Phi_{14}$
155980	1926	3762	$\frac{1}{19}$	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{91}{198}$	$\Phi_{3762}\ \Phi_{1254}\ \Phi_{418}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
155981	1926	440	$\frac{1}{55}$	$\frac{9}{110}$	$\frac{119}{440}$	$\frac{101}{220}$	$\Phi_{440}^{6}\ \Phi_{110}^{6}\ \Phi_{88}^{6}\ \Phi_{55}^{5}\ \Phi_{40}^{6}\ \Phi_{22}^{6}\ \Phi_{11}^{5}\ \Phi_{10}^{6}\ \Phi_{8}^{6}\ \Phi_{5}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
155982	1926	2280	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{13}{120}$	$\frac{11}{24}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
155983	1926	1771	$\frac{6}{161}$	$\frac{155}{1771}$	$\frac{1}{7}$	$\frac{808}{1771}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{161}^{2}\ \Phi_{77}\ \Phi_{23}^{2}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^{2}$
155984	1926	1276	$\frac{6}{319}$	$\frac{1}{11}$	$\frac{313}{1276}$	$\frac{5}{11}$	$\Phi_{1276}^{2}\ \Phi_{638}^{2}\ \Phi_{116}^{2}\ \Phi_{58}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
155985	1926	110	$\frac{3}{110}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{110}^{18}\ \Phi_{55}^{18}\ \Phi_{22}^{18}\ \Phi_{11}^{13}\ \Phi_{10}^{18}\ \Phi_{5}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{14}$
155986	1926	1760	$\frac{1}{55}$	$\frac{83}{880}$	$\frac{27}{110}$	$\frac{797}{1760}$	$\Phi_{1760}^{2}\ \Phi_{352}^{2}\ \Phi_{160}^{2}\ \Phi_{110}^{2}\ \Phi_{55}\ \Phi_{32}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{5}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
155987	1926	1760	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{83}{880}$	$\frac{797}{1760}$	$\Phi_{1760}^{2}\ \Phi_{352}^{2}\ \Phi_{160}^{2}\ \Phi_{88}^{2}\ \Phi_{44}^{2}\ \Phi_{32}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
155988	1926	3648	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{85}{192}$	$\Phi_{3648}\ \Phi_{1216}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
155989	1926	1120	$\frac{1}{35}$	$\frac{17}{140}$	$\frac{157}{1120}$	$\frac{123}{280}$	$\Phi_{1120}^{2}\ \Phi_{560}^{2}\ \Phi_{224}^{2}\ \Phi_{160}^{2}\ \Phi_{140}^{2}\ \Phi_{112}^{2}\ \Phi_{80}^{2}\ \Phi_{70}^{2}\ \Phi_{35}\ \Phi_{32}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
155990	1926	1715	$\frac{1}{35}$	$\frac{211}{1715}$	$\frac{34}{245}$	$\frac{752}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}^{2}\ \Phi_{49}^{2}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
155991	1926	432	$\frac{1}{108}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{432}^{8}\ \Phi_{144}^{8}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{48}^{7}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{8}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
155992	1926	1136	$\frac{1}{71}$	$\frac{1}{8}$	$\frac{35}{142}$	$\frac{7}{16}$	$\Phi_{1136}^{3}\ \Phi_{142}^{2}\ \Phi_{71}\ \Phi_{16}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
155993	1926	1694	$\frac{5}{121}$	$\frac{1}{11}$	$\frac{116}{847}$	$\frac{731}{1694}$	$\Phi_{1694}^{2}\ \Phi_{242}^{2}\ \Phi_{154}^{2}\ \Phi_{121}^{2}\ \Phi_{22}^{2}\ \Phi_{14}^{2}\ \Phi_{11}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
155994	1926	560	$\frac{1}{35}$	$\frac{17}{140}$	$\frac{41}{280}$	$\frac{239}{560}$	$\Phi_{560}^{6}\ \Phi_{140}^{2}\ \Phi_{112}^{6}\ \Phi_{80}^{6}\ \Phi_{70}^{2}\ \Phi_{35}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{6}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
155995	1926	350	$\frac{1}{25}$	$\frac{29}{350}$	$\frac{4}{25}$	$\frac{21}{50}$	$\Phi_{350}^{6}\ \Phi_{175}^{6}\ \Phi_{70}^{6}\ \Phi_{35}^{6}\ \Phi_{25}^{5}\ \Phi_{14}^{6}\ \Phi_{7}^{6}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
155996	1926	1288	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{15}{92}$	$\frac{77}{184}$	$\Phi_{1288}^{3}\ \Phi_{322}\ \Phi_{161}\ \Phi_{56}^{3}\ \Phi_{14}$
155997	1926	550	$\frac{1}{55}$	$\frac{9}{55}$	$\frac{46}{275}$	$\frac{229}{550}$	$\Phi_{550}^{6}\ \Phi_{110}^{6}\ \Phi_{55}^{5}\ \Phi_{50}^{6}\ \Phi_{22}^{6}\ \Phi_{11}^{5}\ \Phi_{10}^{6}\ \Phi_{5}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
155998	1926	1625	$\frac{1}{25}$	$\frac{24}{325}$	$\frac{301}{1625}$	$\frac{662}{1625}$	$\Phi_{1625}\ \Phi_{325}^{2}\ \Phi_{125}\ \Phi_{65}^{2}\ \Phi_{25}\ \Phi_{13}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
155999	1926	3420	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{73}{180}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
156000	1926	1610	$\frac{3}{161}$	$\frac{1}{7}$	$\frac{158}{805}$	$\frac{647}{1610}$	$\Phi_{1610}^{2}\ \Phi_{322}^{2}\ \Phi_{230}^{2}\ \Phi_{161}^{2}\ \Phi_{70}^{2}\ \Phi_{46}^{2}\ \Phi_{23}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
156001	1926	160	$\frac{1}{160}$	$\frac{1}{5}$	$\frac{53}{160}$	$\frac{2}{5}$	$\Phi_{160}^{12}\ \Phi_{80}^{12}\ \Phi_{40}^{12}\ \Phi_{32}^{12}\ \Phi_{20}^{12}\ \Phi_{16}^{12}\ \Phi_{10}^{12}\ \Phi_{8}^{12}\ \Phi_{5}^{13}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
156002	1926	970	$\frac{7}{970}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{970}^{2}\ \Phi_{485}^{2}\ \Phi_{194}^{2}\ \Phi_{97}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
156003	1926	540	$\frac{1}{108}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{540}^{3}\ \Phi_{270}^{3}\ \Phi_{180}^{3}\ \Phi_{135}^{3}\ \Phi_{108}^{6}\ \Phi_{90}^{3}\ \Phi_{60}^{3}\ \Phi_{54}^{6}\ \Phi_{45}^{3}\ \Phi_{36}^{6}\ \Phi_{30}^{3}\ \Phi_{27}^{6}\ \Phi_{20}^{2}\ \Phi_{18}^{6}\ \Phi_{15}^{3}\ \Phi_{12}^{6}\ \Phi_{10}^{2}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
156004	1926	1280	$\frac{3}{320}$	$\frac{1}{5}$	$\frac{317}{1280}$	$\frac{2}{5}$	$\Phi_{1280}^{2}\ \Phi_{640}^{2}\ \Phi_{256}^{2}\ \Phi_{128}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
156005	1926	325	$\frac{4}{325}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{325}^{6}\ \Phi_{65}^{6}\ \Phi_{25}^{6}\ \Phi_{13}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
156006	1926	400	$\frac{1}{80}$	$\frac{79}{400}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{400}^{6}\ \Phi_{200}^{6}\ \Phi_{100}^{6}\ \Phi_{50}^{6}\ \Phi_{25}^{6}\ \Phi_{5}\ \Phi_{1}^{2}$
156007	1926	640	$\frac{1}{64}$	$\frac{21}{128}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{640}^{3}\ \Phi_{320}^{2}\ \Phi_{160}^{2}\ \Phi_{128}^{6}\ \Phi_{80}^{2}\ \Phi_{64}^{4}\ \Phi_{40}^{2}\ \Phi_{32}^{4}\ \Phi_{20}^{2}\ \Phi_{16}^{4}\ \Phi_{10}^{2}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
156008	1926	980	$\frac{17}{980}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{980}^{2}\ \Phi_{490}^{2}\ \Phi_{245}^{2}\ \Phi_{196}^{2}\ \Phi_{140}^{2}\ \Phi_{98}^{2}\ \Phi_{70}^{2}\ \Phi_{49}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
156009	1926	1120	$\frac{3}{160}$	$\frac{157}{1120}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1120}^{2}\ \Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{224}^{2}\ \Phi_{140}^{2}\ \Phi_{112}^{2}\ \Phi_{70}^{2}\ \Phi_{56}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156010	1926	1640	$\frac{7}{328}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{410}\ \Phi_{328}^2\ \Phi_{205}\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_5\ \Phi_1^2$
156011	1926	120	$\frac{1}{40}$	$\frac{13}{120}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{120}^{18}\ \Phi_{60}^{18}\ \Phi_{40}^{12}\ \Phi_{30}^{18}\ \Phi_{24}^{18}\ \Phi_{20}^{12}\ \Phi_{15}^{18}\ \Phi_{12}^{18}\ \Phi_{10}^{12}\ \Phi_8^{12}\ \Phi_6^{18}\ \Phi_5^{13}\ \Phi_4^{12}\ \Phi_3^{18}\ \Phi_2^{12}\ \Phi_1^{14}$
156012	1926	110	$\frac{3}{110}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{110}^{18}\ \Phi_{55}^{18}\ \Phi_{22}^{18}\ \Phi_{11}^{18}\ \Phi_{10}^{12}\ \Phi_5^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
156013	1926	1760	$\frac{1}{32}$	$\frac{31}{352}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}^2\ \Phi_{220}\ \Phi_{176}^2\ \Phi_{110}\ \Phi_{88}^2\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_1^2$
156014	1926	1000	$\frac{37}{1000}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1000}^2\ \Phi_{500}^2\ \Phi_{250}^2\ \Phi_{200}^2\ \Phi_{125}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
156015	1926	1040	$\frac{3}{80}$	$\frac{77}{1040}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1040}^2\ \Phi_{520}^2\ \Phi_{260}^2\ \Phi_{208}^2\ \Phi_{130}^2\ \Phi_{104}^2\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_5\ \Phi_1^2$
156016	1926	560	$\frac{5}{112}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^6\ \Phi_{80}^2\ \Phi_{70}^3\ \Phi_{56}^6\ \Phi_{40}^2\ \Phi_{35}^3\ \Phi_{28}^6\ \Phi_{20}^2\ \Phi_{16}^4\ \Phi_{14}^6\ \Phi_{10}^2\ \Phi_8^4\ \Phi_7^6\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
156017	1926	340	$\frac{1}{20}$	$\frac{19}{340}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{340}^6\ \Phi_{170}^6\ \Phi_{85}^6\ \Phi_{68}^6\ \Phi_{34}^6\ \Phi_{17}^6\ \Phi_5\ \Phi_1^2$
156018	1926	980	$\frac{17}{980}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{245}^2\ \Phi_{196}^2\ \Phi_{140}^2\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
156019	1926	175	$\frac{1}{175}$	$\frac{39}{175}$	$\frac{58}{175}$	$\frac{68}{175}$	$\Phi_{175}^{11}\ \Phi_{35}^{11}\ \Phi_{25}^{11}\ \Phi_7^{11}\ \Phi_5^{11}\ \Phi_1^{12}$
156020	1926	175	$\frac{4}{175}$	$\frac{19}{175}$	$\frac{39}{175}$	$\frac{68}{175}$	$\Phi_{175}^{11}\ \Phi_{35}^{11}\ \Phi_{25}^{11}\ \Phi_7^{11}\ \Phi_5^{11}\ \Phi_1^{12}$
156021	1926	860	$\frac{1}{43}$	$\frac{1}{10}$	$\frac{21}{86}$	$\frac{65}{172}$	$\Phi_{860}^4\ \Phi_{430}\ \Phi_{215}\ \Phi_{172}^2\ \Phi_{86}\ \Phi_{20}^4\ \Phi_4^2$
156022	1926	1100	$\frac{1}{55}$	$\frac{137}{1100}$	$\frac{27}{110}$	$\frac{83}{220}$	$\Phi_{1100}^2\ \Phi_{550}^2\ \Phi_{275}^2\ \Phi_{110}^2\ \Phi_{100}^2\ \Phi_{55}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
156023	1926	1400	$\frac{1}{175}$	$\frac{87}{350}$	$\frac{437}{1400}$	$\frac{263}{700}$	$\Phi_{1400}^2\ \Phi_{350}^2\ \Phi_{280}^2\ \Phi_{200}^2\ \Phi_{175}\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{25}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_2^2\ \Phi_1^2$
156024	1926	2904	$\frac{5}{968}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2904}\ \Phi_{1452}\ \Phi_{726}\ \Phi_{363}\ \Phi_{264}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
156025	1926	2128	$\frac{5}{112}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{532}\ \Phi_{304}\ \Phi_{266}\ \Phi_{133}\ \Phi_{76}\ \Phi_{38}$
156026	1926	2052	$\frac{1}{108}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{513}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
156027	1926	434	$\frac{3}{217}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{434}^7\ \Phi_{217}^2\ \Phi_{62}^7\ \Phi_{31}^2\ \Phi_{14}^4\ \Phi_7\ \Phi_2^4\ \Phi_1^2$
156028	1926	165	$\frac{1}{55}$	$\frac{6}{55}$	$\frac{49}{165}$	$\frac{58}{165}$	$\Phi_{165}^9\ \Phi_{55}^{17}\ \Phi_{33}^9\ \Phi_{15}^9\ \Phi_{11}^{17}\ \Phi_5^{17}\ \Phi_3^9\ \Phi_1^{18}$
156029	1926	110	$\frac{3}{110}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{110}^{18}\ \Phi_{55}^{17}\ \Phi_{22}^{18}\ \Phi_{11}^{17}\ \Phi_{10}^{18}\ \Phi_5^{17}\ \Phi_2^{18}\ \Phi_1^{18}$
156030	1926	490	$\frac{1}{35}$	$\frac{17}{245}$	$\frac{76}{245}$	$\frac{169}{490}$	$\Phi_{490}^6\ \Phi_{245}^2\ \Phi_{98}^6\ \Phi_{70}^6\ \Phi_{49}^2\ \Phi_{35}\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7\ \Phi_5\ \Phi_2^6\ \Phi_1^2$
156031	1926	3078	$\frac{1}{27}$	$\frac{1}{19}$	$\frac{26}{81}$	$\frac{55}{162}$	$\Phi_{3078}\ \Phi_{1026}\ \Phi_{513}\ \Phi_{342}\ \Phi_{171}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
156032	1926	350	$\frac{4}{175}$	$\frac{29}{350}$	$\frac{57}{175}$	$\frac{59}{175}$	$\Phi_{350}^6\ \Phi_{175}^5\ \Phi_{70}^6\ \Phi_{50}^6\ \Phi_{35}^5\ \Phi_{25}^5\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7^5\ \Phi_5^5\ \Phi_2^6\ \Phi_1^6$
156033	1926	484	$\frac{5}{242}$	$\frac{1}{11}$	$\frac{79}{242}$	$\frac{163}{484}$	$\Phi_{484}^6\ \Phi_{242}^2\ \Phi_{121}^2\ \Phi_{44}^6\ \Phi_{22}^2\ \Phi_{11}\ \Phi_4^6\ \Phi_2^2\ \Phi_1^2$
156034	1926	161	$\frac{2}{161}$	$\frac{1}{7}$	$\frac{53}{161}$	$\frac{54}{161}$	$\Phi_{161}^{12}\ \Phi_{23}^{12}\ \Phi_7^{11}\ \Phi_1^{12}$
156035	1926	275	$\frac{2}{275}$	$\frac{61}{275}$	$\frac{91}{275}$	$\frac{92}{275}$	$\Phi_{275}^7\ \Phi_{55}^7\ \Phi_{25}^7\ \Phi_{11}^7\ \Phi_5^7\ \Phi_1^8$
156036	1926	2572	$\frac{4}{643}$	$\frac{1}{4}$	$\frac{213}{643}$	$\frac{215}{643}$	$\Phi_{2572}\ \Phi_{1286}$
156037	1926	1446	$\frac{1}{241}$	$\frac{80}{241}$	$\frac{1}{3}$	$\frac{161}{482}$	$\Phi_{1446}^3\ \Phi_{723}\ \Phi_6^3$
156038	1926	480	$\frac{1}{160}$	$\frac{1}{4}$	$\frac{53}{160}$	$\frac{1}{3}$	$\Phi_{480}^6\ \Phi_{240}^6\ \Phi_{120}^6\ \Phi_{96}^6\ \Phi_{60}^6\ \Phi_{48}^6\ \Phi_{30}^6\ \Phi_{24}^6\ \Phi_{15}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
156039	1926	2892	$\frac{7}{964}$	$\frac{215}{964}$	$\frac{319}{964}$	$\frac{1}{3}$	$\Phi_{2892}\ \Phi_{1446}\ \Phi_{723}\ \Phi_{12}\ \Phi_6$
156040	1926	1590	$\frac{1}{53}$	$\frac{1}{10}$	$\frac{52}{159}$	$\frac{1}{3}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{530}^2\ \Phi_{318}\ \Phi_{265}^2\ \Phi_{106}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_2^2$
156041	1926	108	$\frac{1}{108}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{108}^{18}\ \Phi_{54}^{18}\ \Phi_{36}^{18}\ \Phi_{27}^{18}\ \Phi_{18}^{18}\ \Phi_{12}^{16}\ \Phi_9^{18}\ \Phi_6^{16}\ \Phi_4^{18}\ \Phi_3^{15}\ \Phi_2^{18}\ \Phi_1^{18}$
156042	1926	3840	$\frac{3}{320}$	$\frac{317}{1280}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3840}\ \Phi_{1920}\ \Phi_{768}\ \Phi_{384}\ \Phi_{12}\ \Phi_6$
156043	1926	3900	$\frac{4}{325}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3900}\ \Phi_{1950}\ \Phi_{780}\ \Phi_{390}\ \Phi_{300}\ \Phi_{156}\ \Phi_{150}\ \Phi_{78}\ \Phi_{12}\ \Phi_6$
156044	1926	1200	$\frac{1}{80}$	$\frac{79}{400}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1200}^3\ \Phi_{600}^3\ \Phi_{300}^3\ \Phi_{150}^3\ \Phi_{75}^3\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156045	1926	2928	$\frac{13}{976}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2928}\ \Phi_{1464}\ \Phi_{732}\ \Phi_{366}\ \Phi_{183}\ \Phi_{12}\ \Phi_{6}$
156046	1926	384	$\frac{1}{64}$	$\frac{21}{128}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{384}^{9}\ \Phi_{192}^{6}\ \Phi_{96}^{6}\ \Phi_{48}^{6}\ \Phi_{24}^{6}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
156047	1926	2940	$\frac{17}{980}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{735}\ \Phi_{588}\ \Phi_{420}\ \Phi_{294}\ \Phi_{210}\ \Phi_{147}\ \Phi_{105}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
156048	1926	3360	$\frac{3}{160}$	$\frac{157}{1120}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{672}\ \Phi_{420}\ \Phi_{336}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
156049	1926	984	$\frac{7}{328}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{984}^{3}\ \Phi_{492}^{3}\ \Phi_{246}^{3}\ \Phi_{123}^{3}\ \Phi_{12}\ \Phi_{6}$
156050	1926	120	$\frac{1}{40}$	$\frac{13}{120}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^{15}\ \Phi_{60}^{15}\ \Phi_{40}^{18}\ \Phi_{30}^{15}\ \Phi_{24}^{15}\ \Phi_{20}^{18}\ \Phi_{15}^{15}\ \Phi_{12}^{16}\ \Phi_{10}^{18}\ \Phi_{8}^{18}\ \Phi_{6}^{16}\ \Phi_{5}^{18}\ \Phi_{4}^{18}\ \Phi_{3}^{15}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
156051	1926	660	$\frac{3}{110}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^{6}\ \Phi_{330}^{3}\ \Phi_{165}^{3}\ \Phi_{132}^{6}\ \Phi_{66}^{3}\ \Phi_{60}^{4}\ \Phi_{33}^{3}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{5}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
156052	1926	2976	$\frac{29}{992}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2976}\ \Phi_{1488}\ \Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{12}\ \Phi_{6}$
156053	1926	1056	$\frac{1}{32}$	$\frac{31}{352}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1056}^{3}\ \Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{132}^{3}\ \Phi_{66}^{3}\ \Phi_{33}^{3}\ \Phi_{12}\ \Phi_{6}$
156054	1926	3000	$\frac{37}{1000}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{600}\ \Phi_{375}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{12}\ \Phi_{6}$
156055	1926	3120	$\frac{3}{80}$	$\frac{77}{1040}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{624}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_{6}$
156056	1926	336	$\frac{5}{112}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^{9}\ \Phi_{168}^{9}\ \Phi_{84}^{9}\ \Phi_{48}^{6}\ \Phi_{42}^{9}\ \Phi_{24}^{6}\ \Phi_{21}^{9}\ \Phi_{12}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
156057	1926	3072	$\frac{3}{64}$	$\frac{61}{1024}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3072}\ \Phi_{1536}\ \Phi_{768}\ \Phi_{384}\ \Phi_{12}\ \Phi_{6}$
156058	1926	1020	$\frac{1}{20}$	$\frac{19}{340}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^{3}\ \Phi_{510}^{3}\ \Phi_{255}^{3}\ \Phi_{204}^{3}\ \Phi_{102}^{3}\ \Phi_{51}^{3}\ \Phi_{12}\ \Phi_{6}$
156059	1926	2394	$\frac{1}{19}$	$\frac{2}{21}$	$\frac{19}{126}$	$\frac{1}{3}$	$\Phi_{2394}\ \Phi_{1197}\ \Phi_{798}\ \Phi_{342}\ \Phi_{266}\ \Phi_{171}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
156060	1926	2280	$\frac{1}{19}$	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{456}\ \Phi_{380}\ \Phi_{228}\ \Phi_{190}\ \Phi_{152}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
156061	1926	319	$\frac{4}{319}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{105}{319}$	$\Phi_{319}^{6}\ \Phi_{29}^{6}\ \Phi_{11}^{7}\ \Phi_{1}^{8}$
156062	1926	2703	$\frac{1}{53}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{52}{159}$	$\Phi_{2703}\ \Phi_{159}^{2}\ \Phi_{51}\ \Phi_{17}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
156063	1926	4452	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{52}{159}$	$\Phi_{4452}\ \Phi_{2226}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}$
156064	1926	966	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{31}{138}$	$\frac{15}{46}$	$\Phi_{966}^{3}\ \Phi_{483}^{3}\ \Phi_{322}\ \Phi_{161}\ \Phi_{42}^{3}\ \Phi_{21}^{3}\ \Phi_{14}$
156065	1926	476	$\frac{11}{476}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{155}{476}$	$\Phi_{476}^{4}\ \Phi_{238}^{4}\ \Phi_{119}^{4}\ \Phi_{68}^{4}\ \Phi_{34}^{4}\ \Phi_{28}^{4}\ \Phi_{17}^{4}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
156066	1926	154	$\frac{2}{77}$	$\frac{13}{154}$	$\frac{47}{154}$	$\frac{25}{77}$	$\Phi_{154}^{12}\ \Phi_{77}^{13}\ \Phi_{22}^{12}\ \Phi_{14}^{12}\ \Phi_{11}^{13}\ \Phi_{7}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
156067	1926	385	$\frac{2}{77}$	$\frac{64}{385}$	$\frac{13}{77}$	$\frac{25}{77}$	$\Phi_{385}^{6}\ \Phi_{77}\ \Phi_{55}^{6}\ \Phi_{35}^{6}\ \Phi_{11}\ \Phi_{7}\ \Phi_{5}^{6}\ \Phi_{1}^{2}$
156068	1926	630	$\frac{4}{105}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{101}{315}$	$\Phi_{630}^{5}\ \Phi_{315}^{4}\ \Phi_{126}^{5}\ \Phi_{90}^{5}\ \Phi_{63}^{4}\ \Phi_{45}^{4}\ \Phi_{18}^{5}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
156069	1926	125	$\frac{1}{25}$	$\frac{17}{125}$	$\frac{18}{125}$	$\frac{8}{25}$	$\Phi_{125}^{15}\ \Phi_{25}^{17}\ \Phi_{5}^{17}\ \Phi_{1}^{18}$
156070	1926	2964	$\frac{1}{19}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{156}$	$\Phi_{2964}\ \Phi_{1482}\ \Phi_{741}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
156071	1926	121	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{14}{121}$	$\frac{37}{121}$	$\Phi_{121}^{16}\ \Phi_{11}^{15}\ \Phi_{1}^{16}$
156072	1926	154	$\frac{5}{77}$	$\frac{13}{154}$	$\frac{12}{77}$	$\frac{47}{154}$	$\Phi_{154}^{12}\ \Phi_{77}^{13}\ \Phi_{22}^{12}\ \Phi_{14}^{12}\ \Phi_{11}^{13}\ \Phi_{7}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
156073	1926	154	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{7}$	$\frac{47}{154}$	$\Phi_{154}^{12}\ \Phi_{77}^{12}\ \Phi_{22}^{12}\ \Phi_{14}^{18}\ \Phi_{11}^{12}\ \Phi_{7}^{17}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
156074	1926	352	$\frac{31}{352}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{13}{44}$	$\Phi_{352}^{6}\ \Phi_{176}^{6}\ \Phi_{88}^{6}\ \Phi_{44}^{2}\ \Phi_{32}^{6}\ \Phi_{22}^{2}\ \Phi_{16}^{6}\ \Phi_{11}\ \Phi_{8}^{6}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
156075	1926	140	$\frac{1}{35}$	$\frac{17}{140}$	$\frac{33}{140}$	$\frac{41}{140}$	$\Phi_{140}^{14}\ \Phi_{70}^{14}\ \Phi_{35}^{13}\ \Phi_{28}^{14}\ \Phi_{20}^{14}\ \Phi_{14}^{14}\ \Phi_{10}^{14}\ \Phi_{7}^{13}\ \Phi_{5}^{13}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
156076	1926	110	$\frac{3}{110}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{110}^{18}\ \Phi_{55}^{17}\ \Phi_{22}^{18}\ \Phi_{11}^{17}\ \Phi_{10}^{18}\ \Phi_{5}^{17}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
156077	1926	150	$\frac{1}{25}$	$\frac{7}{50}$	$\frac{4}{25}$	$\frac{43}{150}$	$\Phi_{150}^{18}\ \Phi_{75}^{18}\ \Phi_{30}^{18}\ \Phi_{25}^{5}\ \Phi_{15}^{18}\ \Phi_{6}^{18}\ \Phi_{5}^{5}\ \Phi_{3}^{18}\ \Phi_{1}^{6}$
156078	1926	112	$\frac{5}{112}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{112}^{18}\ \Phi_{56}^{18}\ \Phi_{28}^{18}\ \Phi_{16}^{18}\ \Phi_{14}^{18}\ \Phi_{8}^{18}\ \Phi_{7}^{5}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{6}$
156079	1926	364	$\frac{5}{91}$	$\frac{43}{364}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{364}^{6}\ \Phi_{182}^{6}\ \Phi_{91}^{3}\ \Phi_{52}^{6}\ \Phi_{28}^{6}\ \Phi_{26}^{6}\ \Phi_{14}^{6}\ \Phi_{13}^{3}\ \Phi_{7}^{5}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
156080	1926	343	$\frac{22}{343}$	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{343}^{6}\ \Phi_{49}^{3}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
156081	1926	125	$\frac{1}{25}$	$\frac{18}{125}$	$\frac{4}{25}$	$\frac{7}{25}$	$\Phi_{125}^{18}\ \Phi_{25}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156082	1926	440	$\frac{1}{55}$	$\frac{83}{440}$	$\frac{27}{110}$	$\frac{119}{440}$	$\Phi_{440}^4\ \Phi_{220}^4\ \Phi_{110}^6\ \Phi_{88}^4\ \Phi_{55}^5\ \Phi_{44}^4\ \Phi_{40}^4\ \Phi_{22}^6\ \Phi_{20}^4\ \Phi_{11}^5\ \Phi_{10}^6\ \Phi_{8}^4\ \Phi_{5}^5\ \Phi_{4}^4\ \Phi_{2}^6\ \Phi_{1}^6$
156083	1926	440	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{83}{440}$	$\frac{119}{440}$	$\Phi_{440}^4\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{88}^6\ \Phi_{55}^4\ \Phi_{44}^6\ \Phi_{40}^4\ \Phi_{22}^6\ \Phi_{20}^4\ \Phi_{11}^5\ \Phi_{10}^4\ \Phi_{8}^6\ \Phi_{5}^4\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^6$
156084	1926	450	$\frac{11}{225}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{450}^5\ \Phi_{225}^4\ \Phi_{150}^5\ \Phi_{90}^5\ \Phi_{75}^4\ \Phi_{50}^5\ \Phi_{45}^4\ \Phi_{25}^4\ \Phi_{18}^5\ \Phi_{10}^4\ \Phi_{9}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
156085	1926	2736	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{144}$	$\Phi_{2736}\ \Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}$
156086	1926	284	$\frac{1}{71}$	$\frac{35}{142}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{284}^6\ \Phi_{142}^8\ \Phi_{71}^7\ \Phi_{4}^8\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
156087	1926	140	$\frac{2}{35}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{33}{140}$	$\Phi_{140}^{18}\ \Phi_{70}^8\ \Phi_{35}^{10}\ \Phi_{28}^{18}\ \Phi_{20}^{18}\ \Phi_{14}^8\ \Phi_{10}^{12}\ \Phi_{7}^{10}\ \Phi_{5}^{13}\ \Phi_{4}^{18}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
156088	1926	140	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{33}{140}$	$\Phi_{140}^{18}\ \Phi_{70}^{18}\ \Phi_{28}^{18}\ \Phi_{20}^{18}\ \Phi_{14}^{18}\ \Phi_{10}^{18}\ \Phi_{7}^5\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^6$
156089	1926	1232	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{308}$	$\frac{269}{1232}$	$\Phi_{1232}^2\ \Phi_{616}^2\ \Phi_{176}^2\ \Phi_{112}^2\ \Phi_{88}^2\ \Phi_{56}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^2$
156090	1926	112	$\frac{5}{112}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{112}^{18}\ \Phi_{56}^{16}\ \Phi_{28}^{16}\ \Phi_{16}^{18}\ \Phi_{14}^{18}\ \Phi_{8}^{16}\ \Phi_{7}^{17}\ \Phi_{4}^{16}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
156091	1926	1190	$\frac{11}{238}$	$\frac{1}{7}$	$\frac{227}{1190}$	$\frac{3}{14}$	$\Phi_{1190}^2\ \Phi_{595}^2\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{7}\ \Phi_{5}^2\ \Phi_{2}^2\ \Phi_{1}^2$
156092	1926	400	$\frac{1}{25}$	$\frac{4}{25}$	$\frac{79}{400}$	$\frac{21}{100}$	$\Phi_{400}^6\ \Phi_{200}^6\ \Phi_{80}^6\ \Phi_{40}^6\ \Phi_{25}^5\ \Phi_{16}^6\ \Phi_{8}^6\ \Phi_{5}^5\ \Phi_{1}^6$
156093	1926	1210	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{111}{605}$	$\frac{247}{1210}$	$\Phi_{1210}^2\ \Phi_{605}\ \Phi_{242}^2\ \Phi_{121}^2\ \Phi_{110}^2\ \Phi_{55}\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_{5}\ \Phi_{2}^2\ \Phi_{1}^2$
156094	1926	120	$\frac{1}{10}$	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{120}^{18}\ \Phi_{60}^{18}\ \Phi_{40}^{18}\ \Phi_{30}^8\ \Phi_{24}^{18}\ \Phi_{20}^{18}\ \Phi_{15}^{10}\ \Phi_{12}^{18}\ \Phi_{10}^{12}\ \Phi_{8}^{18}\ \Phi_{6}^8\ \Phi_{5}^{13}\ \Phi_{4}^{18}\ \Phi_{3}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
156095	1926	490	$\frac{1}{10}$	$\frac{4}{35}$	$\frac{31}{245}$	$\frac{1}{5}$	$\Phi_{490}^5\ \Phi_{245}^4\ \Phi_{98}^5\ \Phi_{49}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
156096	1926	350	$\frac{29}{350}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{350}^6\ \Phi_{175}^6\ \Phi_{70}^6\ \Phi_{50}^6\ \Phi_{25}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_{7}^5\ \Phi_{2}^6\ \Phi_{1}^6$
156097	1926	385	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{64}{385}$	$\frac{13}{77}$	$\Phi_{385}^6\ \Phi_{77}\ \Phi_{55}^6\ \Phi_{35}^6\ \Phi_{11}\ \Phi_{7}\ \Phi_{5}^6\ \Phi_{1}^2$
156098	1926	126	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{19}{126}$	$\Phi_{126}^{18}\ \Phi_{63}^{18}\ \Phi_{42}^{18}\ \Phi_{18}^{18}\ \Phi_{14}^{18}\ \Phi_{9}^{18}\ \Phi_{7}^5\ \Phi_{6}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^6$
156099	1927	3840	$\frac{7}{1920}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1913}{3840}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{256}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
156100	1927	3424	$\frac{1}{214}$	$\frac{215}{1712}$	$\frac{1497}{3424}$	$\frac{213}{428}$	$\Phi_{3424}\ \Phi_{428}\ \Phi_{32}\ \Phi_{4}\ \Phi_{1}$
156101	1927	2568	$\frac{1}{214}$	$\frac{641}{2568}$	$\frac{215}{856}$	$\frac{213}{428}$	$\Phi_{2568}\ \Phi_{1284}\ \Phi_{642}\ \Phi_{428}\ \Phi_{321}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
156102	1927	3816	$\frac{19}{1908}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{1889}{3816}$	$\Phi_{3816}\ \Phi_{1272}\ \Phi_{424}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
156103	1927	2208	$\frac{5}{276}$	$\frac{281}{2208}$	$\frac{1}{6}$	$\frac{271}{552}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{368}\ \Phi_{276}\ \Phi_{138}\ \Phi_{96}\ \Phi_{92}\ \Phi_{69}\ \Phi_{48}\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
156104	1927	3780	$\frac{37}{1890}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1853}{3780}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{108}\ \Phi_{84}\ \Phi_{60}\ \Phi_{54}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
156105	1927	3780	$\frac{37}{1890}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1853}{3780}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{108}\ \Phi_{84}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
156106	1927	3780	$\frac{37}{1890}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1853}{3780}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{108}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
156107	1927	2322	$\frac{8}{387}$	$\frac{1}{9}$	$\frac{395}{2322}$	$\frac{379}{774}$	$\Phi_{2322}\ \Phi_{1161}\ \Phi_{387}\ \Phi_{129}\ \Phi_{54}\ \Phi_{43}\ \Phi_{27}\ \Phi_{1}$
156108	1927	1840	$\frac{1}{46}$	$\frac{1}{40}$	$\frac{39}{80}$	$\frac{45}{92}$	$\Phi_{1840}^2\ \Phi_{368}^2\ \Phi_{92}\ \Phi_{80}^3\ \Phi_{16}^3\ \Phi_{4}\ \Phi_{1}$
156109	1927	1380	$\frac{1}{46}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{45}{92}$	$\Phi_{1380}^2\ \Phi_{690}^2\ \Phi_{345}^2\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}\ \Phi_{69}^2\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}\ \Phi_{3}^3\ \Phi_{1}$
156110	1927	1012	$\frac{1}{46}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{45}{92}$	$\Phi_{1012}^2\ \Phi_{506}^2\ \Phi_{253}^2\ \Phi_{92}\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_{4}\ \Phi_{1}$
156111	1927	4140	$\frac{1}{46}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{45}{92}$	$\Phi_{4140}\ \Phi_{1380}\ \Phi_{828}\ \Phi_{276}\ \Phi_{180}\ \Phi_{92}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
156112	1927	2300	$\frac{1}{46}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{45}{92}$	$\Phi_{2300}^2\ \Phi_{100}^2\ \Phi_{92}\ \Phi_{50}\ \Phi_{25}\ \Phi_{4}\ \Phi_{1}$
156113	1927	1104	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{45}{92}$	$\Phi_{1104}^2\ \Phi_{552}^2\ \Phi_{368}^2\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}\ \Phi_{69}^2\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{4}\ \Phi_{3}^3\ \Phi_{1}$
156114	1927	5520	$\frac{1}{40}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{39}{80}$	$\Phi_{5520}\ \Phi_{1104}\ \Phi_{240}\ \Phi_{80}\ \Phi_{69}\ \Phi_{48}\ \Phi_{16}\ \Phi_{3}\ \Phi_{1}$
156115	1927	2592	$\frac{17}{648}$	$\frac{1}{18}$	$\frac{665}{2592}$	$\frac{631}{1296}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{648}\ \Phi_{324}\ \Phi_{288}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{96}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156116	1927	3744	$\frac{55}{1872}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{1817}{3744}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
156117	1927	3696	$\frac{79}{1848}$	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1769}{3696}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
156118	1927	630	$\frac{1}{42}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{126}^3\ \Phi_{105}^3\ \Phi_{90}^2\ \Phi_{70}^3\ \Phi_{63}^3\ \Phi_{45}^3\ \Phi_{42}^5\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{21}^5\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{14}^5\ \Phi_{10}^2\ \Phi_{9}^3\ \Phi_{7}^5\ \Phi_{6}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
156119	1927	3672	$\frac{91}{1836}$	$\frac{1}{18}$	$\frac{17}{108}$	$\frac{1745}{3672}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{216}\ \Phi_{136}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
156120	1927	624	$\frac{1}{48}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^3\ \Phi_{156}^3\ \Phi_{104}^3\ \Phi_{78}^2\ \Phi_{52}^3\ \Phi_{48}^5\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{13}^3\ \Phi_{12}^5\ \Phi_{8}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
156121	1927	2016	$\frac{89}{2016}$	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{79}{168}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
156122	1927	1344	$\frac{1}{42}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{1344}^2\ \Phi_{448}^2\ \Phi_{336}^2\ \Phi_{192}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{64}\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
156123	1927	1848	$\frac{1}{42}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{1848}^2\ \Phi_{616}^2\ \Phi_{264}^2\ \Phi_{168}^2\ \Phi_{88}\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
156124	1927	336	$\frac{1}{48}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{84}^6\ \Phi_{56}^5\ \Phi_{48}^5\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{24}^5\ \Phi_{21}^6\ \Phi_{16}^5\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_{8}^4\ \Phi_{7}^5\ \Phi_{6}^5\ \Phi_{4}^5\ \Phi_{3}^5\ \Phi_{2}^4\ \Phi_{1}^5$
156125	1927	3588	$\frac{5}{138}$	$\frac{133}{1794}$	$\frac{1}{6}$	$\frac{1661}{3588}$	$\Phi_{3588}\ \Phi_{1196}\ \Phi_{276}\ \Phi_{156}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{52}\ \Phi_{46}\ \Phi_{23}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
156126	1927	2160	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{233}{2160}$	$\frac{199}{432}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
156127	1927	3564	$\frac{1}{18}$	$\frac{145}{1782}$	$\frac{17}{162}$	$\frac{1637}{3564}$	$\Phi_{3564}\ \Phi_{1188}\ \Phi_{396}\ \Phi_{324}\ \Phi_{162}\ \Phi_{132}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
156128	1927	3456	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{199}{1728}$	$\frac{1529}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{216}\ \Phi_{128}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
156129	1927	84	$\frac{1}{42}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{84}^{41}\ \Phi_{42}^5\ \Phi_{28}^{41}\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{12}^{41}\ \Phi_{7}^5\ \Phi_{6}^4\ \Phi_{4}^{41}\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
156130	1927	144	$\frac{1}{48}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{144}^{12}\ \Phi_{72}^{11}\ \Phi_{48}^{17}\ \Phi_{36}^{12}\ \Phi_{24}^{16}\ \Phi_{18}^{12}\ \Phi_{16}^{17}\ \Phi_{12}^{17}\ \Phi_{9}^{12}\ \Phi_{8}^{16}\ \Phi_{6}^{16}\ \Phi_{4}^{17}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
156131	1927	3312	$\frac{5}{276}$	$\frac{271}{1656}$	$\frac{1}{6}$	$\frac{1385}{3312}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{368}\ \Phi_{276}\ \Phi_{144}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{48}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
156132	1927	2880	$\frac{7}{960}$	$\frac{1}{6}$	$\frac{953}{2880}$	$\frac{5}{12}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{576}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
156133	1927	1944	$\frac{17}{1944}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1944}\ \Phi_{972}\ \Phi_{648}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
156134	1927	2400	$\frac{7}{480}$	$\frac{1}{6}$	$\frac{473}{2400}$	$\frac{5}{12}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
156135	1927	2304	$\frac{7}{384}$	$\frac{377}{2304}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
156136	1927	48	$\frac{1}{48}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{48}^{40}\ \Phi_{24}^{40}\ \Phi_{16}^{40}\ \Phi_{12}^{41}\ \Phi_{8}^{40}\ \Phi_{6}^{40}\ \Phi_{4}^{41}\ \Phi_{3}^{40}\ \Phi_{2}^{40}\ \Phi_{1}^{41}$
156137	1927	1980	$\frac{53}{1980}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
156138	1927	2160	$\frac{7}{240}$	$\frac{233}{2160}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
156139	1927	2112	$\frac{7}{192}$	$\frac{185}{2112}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
156140	1927	2016	$\frac{89}{2016}$	$\frac{7}{96}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
156141	1927	2040	$\frac{113}{2040}$	$\frac{7}{120}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156142	1927	1680	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}^2\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{80}\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
156143	1927	1680	$\frac{1}{42}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{168}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{80}\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
156144	1927	1980	$\frac{53}{1980}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_5\ \Phi_4\ \Phi_1$
156145	1927	3240	$\frac{17}{324}$	$\frac{1}{18}$	$\frac{307}{1620}$	$\frac{1313}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{120}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
156146	1927	2016	$\frac{89}{2016}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{55}{144}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
156147	1927	3096	$\frac{8}{387}$	$\frac{1}{9}$	$\frac{379}{1548}$	$\frac{1169}{3096}$	$\Phi_{3096}\ \Phi_{1032}\ \Phi_{387}\ \Phi_{344}\ \Phi_{129}\ \Phi_{72}\ \Phi_{43}\ \Phi_{24}\ \Phi_8\ \Phi_1$
156148	1927	504	$\frac{1}{42}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{504}^6\ \Phi_{168}^6\ \Phi_{84}^6\ \Phi_{72}^5\ \Phi_{56}^6\ \Phi_{42}^5\ \Phi_{28}^6\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_7^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
156149	1927	2916	$\frac{17}{486}$	$\frac{1}{18}$	$\frac{469}{1458}$	$\frac{989}{2916}$	$\Phi_{2916}\ \Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
156150	1927	378	$\frac{1}{42}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{378}^6\ \Phi_{189}^6\ \Phi_{126}^3\ \Phi_{63}^3\ \Phi_{54}^5\ \Phi_{42}^5\ \Phi_{27}^5\ \Phi_{21}^5\ \Phi_{18}^2\ \Phi_{14}^5\ \Phi_9^3\ \Phi_7^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
156151	1927	420	$\frac{1}{42}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{420}^6\ \Phi_{210}^3\ \Phi_{140}^6\ \Phi_{105}^3\ \Phi_{84}^6\ \Phi_{70}^3\ \Phi_{60}^5\ \Phi_{42}^5\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{28}^6\ \Phi_{21}^5\ \Phi_{20}^5\ \Phi_{15}^3\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_{10}^2\ \Phi_7^5\ \Phi_6^4\ \Phi_5^3\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
156152	1927	2484	$\frac{5}{276}$	$\frac{1}{6}$	$\frac{557}{2484}$	$\frac{271}{828}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{621}\ \Phi_{276}\ \Phi_{138}\ \Phi_{108}\ \Phi_{92}\ \Phi_{69}\ \Phi_{54}\ \Phi_{46}\ \Phi_{27}\ \Phi_{23}\ \Phi_{12}\ \Phi_4\ \Phi_1$
156153	1927	2835	$\frac{37}{945}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{908}{2835}$	$\Phi_{2835}\ \Phi_{567}\ \Phi_{405}\ \Phi_{81}\ \Phi_{45}\ \Phi_{15}\ \Phi_5\ \Phi_1$
156154	1927	1380	$\frac{1}{23}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{22}{69}$	$\Phi_{1380}\ \Phi_{690}\ \Phi_{460}^2\ \Phi_{345}\ \Phi_{276}\ \Phi_{230}^2\ \Phi_{138}\ \Phi_{115}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{60}^2\ \Phi_{46}^2\ \Phi_{30}^2\ \Phi_{23}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
156155	1927	3036	$\frac{1}{23}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{22}{69}$	$\Phi_{3036}\ \Phi_{1518}\ \Phi_{759}\ \Phi_{132}\ \Phi_{69}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{11}\ \Phi_3\ \Phi_1$
156156	1927	1035	$\frac{1}{23}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{22}{69}$	$\Phi_{1035}^2\ \Phi_{345}\ \Phi_{207}^2\ \Phi_{115}^2\ \Phi_{69}^2\ \Phi_{45}^3\ \Phi_{23}^2\ \Phi_{15}^2\ \Phi_9^3\ \Phi_5^2\ \Phi_3^3\ \Phi_1^3$
156157	1927	3450	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{22}{69}$	$\Phi_{3450}\ \Phi_{1725}\ \Phi_{150}\ \Phi_{75}\ \Phi_{69}\ \Phi_{50}\ \Phi_{25}\ \Phi_3\ \Phi_1$
156158	1927	1104	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{22}{69}$	$\Phi_{1104}^2\ \Phi_{552}\ \Phi_{368}^2\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{48}^3\ \Phi_{46}^2\ \Phi_{24}^2\ \Phi_{23}^2\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
156159	1927	2268	$\frac{1}{18}$	$\frac{37}{378}$	$\frac{341}{2268}$	$\frac{17}{54}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{324}\ \Phi_{252}\ \Phi_{162}\ \Phi_{108}\ \Phi_{84}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
156160	1927	2160	$\frac{1}{18}$	$\frac{233}{2160}$	$\frac{37}{270}$	$\frac{17}{54}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
156161	1927	2808	$\frac{1}{18}$	$\frac{55}{936}$	$\frac{17}{72}$	$\frac{881}{2808}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
156162	1927	2772	$\frac{5}{84}$	$\frac{79}{924}$	$\frac{1}{6}$	$\frac{845}{2772}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
156163	1927	2016	$\frac{89}{2016}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{126}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
156164	1927	432	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{432}^6\ \Phi_{216}^6\ \Phi_{108}^6\ \Phi_{54}^5\ \Phi_{48}^5\ \Phi_{27}^5\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
156165	1927	2025	$\frac{98}{2025}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{135}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{405}\ \Phi_{225}\ \Phi_{81}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_1$
156166	1927	2592	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{199}{864}$	$\frac{665}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
156167	1927	2520	$\frac{37}{630}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{593}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}\ \Phi_{60}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156168	1927	2520	$\frac{37}{630}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{593}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
156169	1927	2160	$\frac{233}{2160}$	$\frac{1}{9}$	$\frac{37}{270}$	$\frac{8}{45}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
156170	1927	2205	$\frac{1}{9}$	$\frac{37}{315}$	$\frac{278}{2205}$	$\frac{8}{45}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{441}\ \Phi_{245}\ \Phi_{147}\ \Phi_{49}\ \Phi_{45}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
156171	1927	2100	$\frac{173}{2100}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{210}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{42}\ \Phi_{28}\ \Phi_{25}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
156172	1927	2268	$\frac{37}{378}$	$\frac{5}{42}$	$\frac{341}{2268}$	$\frac{1}{6}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{324}\ \Phi_{252}\ \Phi_{162}\ \Phi_{108}\ \Phi_{84}\ \Phi_{81}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
156173	1928	1443	$\frac{1}{481}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{240}{481}$	$\Phi_{1443}\ \Phi_{481}^2\ \Phi_{111}\ \Phi_{39}\ \Phi_{37}^2\ \Phi_{13}^2\ \Phi_{3}^2\ \Phi_{1}^4$
156174	1928	1927	$\frac{5}{1927}$	$\frac{483}{1927}$	$\frac{722}{1927}$	$\frac{961}{1927}$	$\Phi_{1927}\ \Phi_{47}\ \Phi_{41}\ \Phi_{1}^2$
156175	1928	2895	$\frac{3}{965}$	$\frac{242}{965}$	$\frac{1}{3}$	$\frac{481}{965}$	$\Phi_{2895}\ \Phi_{579}\ \Phi_{15}$
156176	1928	3360	$\frac{1}{240}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{239}{480}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}^2\ \Phi_{224}\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{32}^2\ \Phi_{7}\ \Phi_{1}^2$
156177	1928	480	$\frac{1}{240}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{239}{480}$	$\Phi_{480}^8\ \Phi_{160}^8\ \Phi_{96}^8\ \Phi_{32}^8\ \Phi_{15}$
156178	1928	579	$\frac{1}{193}$	$\frac{97}{579}$	$\frac{1}{3}$	$\frac{96}{193}$	$\Phi_{579}^3\ \Phi_{193}^4\ \Phi_{3}^2\ \Phi_{1}^4$
156179	1928	1610	$\frac{1}{161}$	$\frac{1}{5}$	$\frac{81}{322}$	$\frac{80}{161}$	$\Phi_{1610}^2\ \Phi_{805}\ \Phi_{230}^2\ \Phi_{115}\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{10}^2$
156180	1928	2380	$\frac{3}{238}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{235}{476}$	$\Phi_{2380}^2\ \Phi_{340}^2\ \Phi_{140}^2\ \Phi_{35}\ \Phi_{20}^2$
156181	1928	1380	$\frac{1}{69}$	$\frac{35}{276}$	$\frac{1}{5}$	$\frac{34}{69}$	$\Phi_{1380}^2\ \Phi_{690}^2\ \Phi_{460}^2\ \Phi_{345}\ \Phi_{230}^2\ \Phi_{115}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2$
156182	1928	470	$\frac{1}{47}$	$\frac{6}{235}$	$\frac{229}{470}$	$\frac{23}{47}$	$\Phi_{470}^8\ \Phi_{94}^8\ \Phi_{47}\ \Phi_{10}^8\ \Phi_{2}^8\ \Phi_{1}^2$
156183	1928	705	$\frac{1}{47}$	$\frac{12}{235}$	$\frac{223}{705}$	$\frac{23}{47}$	$\Phi_{705}^4\ \Phi_{141}^4\ \Phi_{47}\ \Phi_{15}^4\ \Phi_{3}^4\ \Phi_{1}^2$
156184	1928	517	$\frac{1}{47}$	$\frac{35}{517}$	$\frac{12}{47}$	$\frac{23}{47}$	$\Phi_{517}^4\ \Phi_{47}\ \Phi_{11}^4\ \Phi_{1}^2$
156185	1928	1175	$\frac{1}{47}$	$\frac{24}{235}$	$\frac{211}{1175}$	$\frac{23}{47}$	$\Phi_{1175}^2\ \Phi_{47}\ \Phi_{25}^2\ \Phi_{1}^2$
156186	1928	282	$\frac{1}{47}$	$\frac{6}{47}$	$\frac{41}{282}$	$\frac{23}{47}$	$\Phi_{282}^8\ \Phi_{141}^8\ \Phi_{94}^8\ \Phi_{47}\ \Phi_{6}^8\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^2$
156187	1928	943	$\frac{21}{943}$	$\frac{1}{41}$	$\frac{20}{41}$	$\frac{461}{943}$	$\Phi_{943}^2\ \Phi_{41}^3\ \Phi_{23}^2\ \Phi_{1}^4$
156188	1928	470	$\frac{6}{235}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{229}{470}$	$\Phi_{470}^8\ \Phi_{94}^8\ \Phi_{47}\ \Phi_{10}^8\ \Phi_{2}^8\ \Phi_{1}^2$
156189	1928	2310	$\frac{10}{231}$	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{221}{462}$	$\Phi_{2310}^2\ \Phi_{770}^2\ \Phi_{330}^2\ \Phi_{210}^2\ \Phi_{110}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
156190	1928	1386	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{221}{462}$	$\Phi_{1386}^3\ \Phi_{462}^2\ \Phi_{198}^3\ \Phi_{154}^2\ \Phi_{126}^3\ \Phi_{99}\ \Phi_{66}^2\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{6}^2\ \Phi_{2}^2$
156191	1928	1265	$\frac{1}{23}$	$\frac{12}{253}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{1265}^2\ \Phi_{115}\ \Phi_{55}^2$
156192	1928	1845	$\frac{1}{41}$	$\frac{83}{1845}$	$\frac{40}{123}$	$\frac{881}{1845}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{369}\ \Phi_{205}\ \Phi_{123}^2\ \Phi_{45}\ \Phi_{41}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
156193	1928	792	$\frac{1}{22}$	$\frac{23}{264}$	$\frac{1}{9}$	$\frac{21}{44}$	$\Phi_{792}^3\ \Phi_{396}^2\ \Phi_{264}^2\ \Phi_{198}^3\ \Phi_{132}\ \Phi_{99}^3\ \Phi_{88}^2\ \Phi_{72}^3\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{12}\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
156194	1928	1260	$\frac{11}{252}$	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2$
156195	1928	460	$\frac{1}{23}$	$\frac{11}{230}$	$\frac{1}{5}$	$\frac{219}{460}$	$\Phi_{460}^8\ \Phi_{115}\ \Phi_{92}^8\ \Phi_{20}^8\ \Phi_{4}^8$
156196	1928	1833	$\frac{1}{47}$	$\frac{95}{1833}$	$\frac{46}{141}$	$\frac{869}{1833}$	$\Phi_{1833}\ \Phi_{611}\ \Phi_{141}^2\ \Phi_{47}\ \Phi_{39}\ \Phi_{13}\ \Phi_{3}^2\ \Phi_{1}^2$
156197	1928	328	$\frac{1}{41}$	$\frac{5}{82}$	$\frac{87}{328}$	$\frac{77}{164}$	$\Phi_{328}^8\ \Phi_{82}^8\ \Phi_{41}^7\ \Phi_{8}^8\ \Phi_{2}^8\ \Phi_{1}^8$
156198	1928	451	$\frac{1}{41}$	$\frac{31}{451}$	$\frac{10}{41}$	$\frac{210}{451}$	$\Phi_{451}^4\ \Phi_{41}^7\ \Phi_{11}^4\ \Phi_{1}^8$
156199	1928	329	$\frac{1}{47}$	$\frac{23}{329}$	$\frac{88}{329}$	$\frac{153}{329}$	$\Phi_{329}^6\ \Phi_{47}^5\ \Phi_{7}^6\ \Phi_{1}^6$
156200	1928	246	$\frac{5}{246}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{246}^8\ \Phi_{123}^8\ \Phi_{82}^8\ \Phi_{41}^7\ \Phi_{6}^8\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^8$
156201	1928	3960	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{1}{9}$	$\frac{199}{440}$	$\Phi_{3960}\ \Phi_{1320}\ \Phi_{792}\ \Phi_{360}\ \Phi_{264}\ \Phi_{198}\ \Phi_{120}\ \Phi_{99}\ \Phi_{72}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{18}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156202	1928	861	$\frac{1}{41}$	$\frac{103}{861}$	$\frac{20}{123}$	$\frac{379}{861}$	$\Phi_{861}^2\ \Phi_{287}^2\ \Phi_{123}^4\ \Phi_{41}^3\ \Phi_{21}^2\ \Phi_{7}^2\ \Phi_{3}^4\ \Phi_{1}^4$
156203	1928	423	$\frac{1}{47}$	$\frac{59}{423}$	$\frac{23}{141}$	$\frac{182}{423}$	$\Phi_{423}^4\ \Phi_{141}^6\ \Phi_{47}^5\ \Phi_{9}^4\ \Phi_{3}^6\ \Phi_{1}^6$
156204	1928	1701	$\frac{2}{243}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{243}^2\ \Phi_{189}\ \Phi_{81}^2\ \Phi_{63}\ \Phi_{27}^2\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
156205	1928	2520	$\frac{1}{120}$	$\frac{1}{7}$	$\frac{119}{360}$	$\frac{3}{7}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}^2\ \Phi_{315}\ \Phi_{252}\ \Phi_{180}^2\ \Phi_{126}\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
156206	1928	1708	$\frac{3}{244}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1708}\ \Phi_{854}\ \Phi_{427}\ \Phi_{244}^2\ \Phi_{122}^2\ \Phi_{61}^2\ \Phi_{7}\ \Phi_{1}^2$
156207	1928	2240	$\frac{1}{80}$	$\frac{1}{7}$	$\frac{79}{320}$	$\frac{3}{7}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}^2\ \Phi_{224}\ \Phi_{160}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{7}\ \Phi_{1}^2$
156208	1928	245	$\frac{4}{245}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{245}^8\ \Phi_{49}^8\ \Phi_{35}^7\ \Phi_{7}^8\ \Phi_{5}^6\ \Phi_{1}^8$
156209	1928	2100	$\frac{1}{60}$	$\frac{1}{7}$	$\frac{59}{300}$	$\frac{3}{7}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{350}\ \Phi_{300}^2\ \Phi_{175}\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{7}\ \Phi_{1}^2$
156210	1928	1722	$\frac{5}{246}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{1722}\ \Phi_{861}\ \Phi_{574}\ \Phi_{287}\ \Phi_{246}^2\ \Phi_{123}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{7}\ \Phi_{1}^2$
156211	1928	2016	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{47}{288}$	$\frac{3}{7}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{288}^2\ \Phi_{252}\ \Phi_{224}\ \Phi_{144}^2\ \Phi_{126}\ \Phi_{96}^2\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{36}^2\ \Phi_{32}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
156212	1928	280	$\frac{1}{40}$	$\frac{39}{280}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{280}^7\ \Phi_{140}^7\ \Phi_{70}^7\ \Phi_{56}^7\ \Phi_{40}^6\ \Phi_{35}^7\ \Phi_{28}^7\ \Phi_{20}^6\ \Phi_{14}^7\ \Phi_{10}^6\ \Phi_{8}^6\ \Phi_{7}^8\ \Phi_{5}^6\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^8$
156213	1928	1736	$\frac{7}{248}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{434}\ \Phi_{248}^2\ \Phi_{217}\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{7}\ \Phi_{1}^2$
156214	1928	1890	$\frac{1}{30}$	$\frac{29}{270}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{270}^2\ \Phi_{189}\ \Phi_{135}^2\ \Phi_{126}\ \Phi_{90}^2\ \Phi_{63}\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{7}\ \Phi_{1}^2$
156215	1928	1750	$\frac{9}{250}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1750}\ \Phi_{875}\ \Phi_{350}\ \Phi_{250}^2\ \Phi_{175}\ \Phi_{125}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{7}\ \Phi_{1}^2$
156216	1928	1848	$\frac{1}{24}$	$\frac{23}{264}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}^2\ \Phi_{231}\ \Phi_{154}\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{77}\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{7}\ \Phi_{1}^2$
156217	1928	252	$\frac{11}{252}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{252}^8\ \Phi_{126}^8\ \Phi_{84}^7\ \Phi_{63}^8\ \Phi_{42}^7\ \Phi_{36}^8\ \Phi_{28}^7\ \Phi_{21}^7\ \Phi_{18}^8\ \Phi_{14}^7\ \Phi_{12}^6\ \Phi_{9}^8\ \Phi_{7}^8\ \Phi_{6}^6\ \Phi_{4}^6\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^8$
156218	1928	1820	$\frac{1}{20}$	$\frac{19}{260}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}^2\ \Phi_{182}\ \Phi_{130}^2\ \Phi_{91}\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_{7}\ \Phi_{1}^2$
156219	1928	1785	$\frac{14}{255}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1785}\ \Phi_{595}\ \Phi_{357}\ \Phi_{255}^2\ \Phi_{119}\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_{7}\ \Phi_{1}^2$
156220	1928	1792	$\frac{15}{256}$	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}^2\ \Phi_{224}\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{7}\ \Phi_{1}^2$
156221	1928	282	$\frac{1}{47}$	$\frac{41}{282}$	$\frac{23}{141}$	$\frac{59}{141}$	$\Phi_{282}^8\ \Phi_{141}^6\ \Phi_{94}^8\ \Phi_{47}^5\ \Phi_{6}^8\ \Phi_{3}^6\ \Phi_{2}^8\ \Phi_{1}^6$
156222	1928	2070	$\frac{1}{69}$	$\frac{34}{207}$	$\frac{1}{5}$	$\frac{173}{414}$	$\Phi_{2070}^2\ \Phi_{690}^2\ \Phi_{345}\ \Phi_{230}^2\ \Phi_{115}\ \Phi_{90}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
156223	1928	246	$\frac{5}{246}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{246}^8\ \Phi_{123}^8\ \Phi_{82}^8\ \Phi_{41}^7\ \Phi_{6}^8\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^8$
156224	1928	1645	$\frac{1}{47}$	$\frac{46}{329}$	$\frac{283}{1645}$	$\frac{681}{1645}$	$\Phi_{1645}\ \Phi_{329}^2\ \Phi_{235}\ \Phi_{47}\ \Phi_{35}\ \Phi_{7}^2\ \Phi_{5}\ \Phi_{1}^2$
156225	1928	410	$\frac{1}{41}$	$\frac{5}{41}$	$\frac{36}{205}$	$\frac{169}{410}$	$\Phi_{410}^8\ \Phi_{82}^8\ \Phi_{41}^7\ \Phi_{10}^8\ \Phi_{2}^8\ \Phi_{1}^8$
156226	1928	1455	$\frac{3}{485}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1455}^2\ \Phi_{291}^2\ \Phi_{15}$
156227	1928	1158	$\frac{1}{193}$	$\frac{48}{193}$	$\frac{1}{3}$	$\frac{145}{386}$	$\Phi_{1158}^4\ \Phi_{579}\ \Phi_{6}^4$
156228	1928	369	$\frac{1}{41}$	$\frac{10}{123}$	$\frac{113}{369}$	$\frac{128}{369}$	$\Phi_{369}^4\ \Phi_{123}^8\ \Phi_{41}^7\ \Phi_{9}^4\ \Phi_{3}^8\ \Phi_{1}^8$
156229	1928	726	$\frac{1}{242}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{726}^3\ \Phi_{363}^3\ \Phi_{242}^2\ \Phi_{121}^2\ \Phi_{66}^3\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{6}^3\ \Phi_{2}^2$
156230	1928	1215	$\frac{2}{243}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1215}^2\ \Phi_{405}^2\ \Phi_{135}^2\ \Phi_{45}^2\ \Phi_{15}$
156231	1928	741	$\frac{6}{247}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{741}^2\ \Phi_{247}^4\ \Phi_{57}^2\ \Phi_{39}\ \Phi_{19}^4\ \Phi_{13}^2\ \Phi_{3}^2\ \Phi_{1}^4$
156232	1928	777	$\frac{1}{37}$	$\frac{18}{259}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{777}^2\ \Phi_{259}^4\ \Phi_{111}\ \Phi_{37}^2\ \Phi_{21}^2\ \Phi_{7}^4\ \Phi_{3}^2\ \Phi_{1}^4$
156233	1928	360	$\frac{1}{120}$	$\frac{1}{5}$	$\frac{119}{360}$	$\frac{1}{3}$	$\Phi_{360}^8\ \Phi_{180}^8\ \Phi_{90}^8\ \Phi_{72}^8\ \Phi_{45}^8\ \Phi_{36}^8\ \Phi_{18}^8\ \Phi_{15}\ \Phi_{9}^8$
156234	1928	975	$\frac{11}{975}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{195}^2\ \Phi_{75}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{13}^2$
156235	1928	3660	$\frac{3}{244}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3660}\ \Phi_{1830}\ \Phi_{915}\ \Phi_{15}$
156236	1928	960	$\frac{1}{80}$	$\frac{1}{5}$	$\frac{79}{320}$	$\frac{1}{3}$	$\Phi_{960}^4\ \Phi_{480}^4\ \Phi_{192}^4\ \Phi_{96}^4\ \Phi_{15}$
156237	1928	735	$\frac{4}{245}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{735}^4\ \Phi_{147}^4\ \Phi_{105}^4\ \Phi_{21}^4\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156238	1928	300	$\frac{1}{60}$	$\frac{59}{300}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{300}^8\ \Phi_{150}^8\ \Phi_{100}^8\ \Phi_{75}^8\ \Phi_{50}^8\ \Phi_{25}^8\ \Phi_{15}$
156239	1928	1230	$\frac{5}{246}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1230}^2\ \Phi_{615}^2\ \Phi_{410}^2\ \Phi_{205}^2\ \Phi_{15}$
156240	1928	1440	$\frac{1}{48}$	$\frac{47}{288}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1440}^2\ \Phi_{720}^2\ \Phi_{480}^2\ \Phi_{360}^2\ \Phi_{180}^2\ \Phi_{160}^2\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{15}$
156241	1928	840	$\frac{1}{40}$	$\frac{39}{280}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{840}^4\ \Phi_{420}^4\ \Phi_{210}^4\ \Phi_{168}^4\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{15}$
156242	1928	495	$\frac{13}{495}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{45}^4\ \Phi_{33}^4\ \Phi_{15}\ \Phi_{11}^4\ \Phi_{9}^4$
156243	1928	3720	$\frac{7}{248}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3720}\ \Phi_{1860}\ \Phi_{930}\ \Phi_{465}\ \Phi_{15}$
156244	1928	270	$\frac{1}{30}$	$\frac{29}{270}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{270}^8\ \Phi_{135}^8\ \Phi_{90}^8\ \Phi_{54}^8\ \Phi_{45}^8\ \Phi_{27}^8\ \Phi_{18}^8\ \Phi_{15}\ \Phi_{9}^8$
156245	1928	750	$\frac{9}{250}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{750}^4\ \Phi_{375}^4\ \Phi_{150}^4\ \Phi_{75}^4\ \Phi_{15}$
156246	1928	1320	$\frac{1}{24}$	$\frac{23}{264}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{440}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{15}$
156247	1928	1260	$\frac{11}{252}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{15}$
156248	1928	780	$\frac{1}{20}$	$\frac{19}{260}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{780}^4\ \Phi_{390}^4\ \Phi_{195}^4\ \Phi_{156}^4\ \Phi_{78}^4\ \Phi_{39}^4\ \Phi_{15}$
156249	1928	255	$\frac{14}{255}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{255}^8\ \Phi_{85}^8\ \Phi_{51}^8\ \Phi_{17}^8\ \Phi_{15}$
156250	1928	3840	$\frac{15}{256}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3840}\ \Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{15}$
156251	1928	3105	$\frac{1}{69}$	$\frac{1}{5}$	$\frac{139}{621}$	$\frac{68}{207}$	$\Phi_{3105}\ \Phi_{345}\ \Phi_{135}\ \Phi_{115}\ \Phi_{15}$
156252	1928	1107	$\frac{1}{41}$	$\frac{143}{1107}$	$\frac{83}{369}$	$\frac{40}{123}$	$\Phi_{1107}^2\ \Phi_{369}\ \Phi_{123}^2\ \Phi_{41}\ \Phi_{27}^2\ \Phi_{9}\ \Phi_{3}^2\ \Phi_{1}^2$
156253	1928	615	$\frac{1}{41}$	$\frac{83}{615}$	$\frac{133}{615}$	$\frac{40}{123}$	$\Phi_{615}^3\ \Phi_{205}^3\ \Phi_{123}^4\ \Phi_{41}^3\ \Phi_{15}^3\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{1}^4$
156254	1928	1785	$\frac{3}{119}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{116}{357}$	$\Phi_{1785}^2\ \Phi_{255}^2\ \Phi_{105}^2\ \Phi_{35}\ \Phi_{15}^2$
156255	1928	3465	$\frac{1}{21}$	$\frac{20}{231}$	$\frac{1}{5}$	$\frac{211}{693}$	$\Phi_{3465}\ \Phi_{495}\ \Phi_{315}\ \Phi_{105}\ \Phi_{45}\ \Phi_{35}\ \Phi_{15}$
156256	1928	792	$\frac{23}{264}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{10}{33}$	$\Phi_{792}^3\ \Phi_{396}^3\ \Phi_{264}^2\ \Phi_{198}^3\ \Phi_{132}^2\ \Phi_{99}\ \Phi_{88}^2\ \Phi_{72}^3\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}^3\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{2}^2$
156257	1928	345	$\frac{1}{23}$	$\frac{11}{115}$	$\frac{1}{5}$	$\frac{104}{345}$	$\Phi_{345}^8\ \Phi_{115}\ \Phi_{69}^8\ \Phi_{15}^8\ \Phi_{3}^8$
156258	1928	1269	$\frac{1}{47}$	$\frac{23}{141}$	$\frac{305}{1269}$	$\frac{118}{423}$	$\Phi_{1269}^2\ \Phi_{141}^2\ \Phi_{47}\ \Phi_{27}^2\ \Phi_{3}^2\ \Phi_{1}^2$
156259	1928	990	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{21}{110}$	$\frac{89}{330}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}\ \Phi_{198}^3\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{99}^3\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
156260	1928	1380	$\frac{1}{23}$	$\frac{35}{276}$	$\frac{1}{5}$	$\frac{11}{46}$	$\Phi_{1380}^2\ \Phi_{690}^2\ \Phi_{460}^2\ \Phi_{345}^2\ \Phi_{115}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2$
156261	1928	2772	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{10}{77}$	$\frac{67}{308}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{462}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{132}\ \Phi_{126}\ \Phi_{99}\ \Phi_{84}\ \Phi_{66}\ \Phi_{42}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
156262	1928	1260	$\frac{11}{252}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2$
156263	1928	575	$\frac{1}{23}$	$\frac{93}{575}$	$\frac{22}{115}$	$\frac{1}{5}$	$\Phi_{575}^4\ \Phi_{115}\ \Phi_{25}^4$
156264	1928	595	$\frac{6}{119}$	$\frac{1}{7}$	$\frac{113}{595}$	$\frac{1}{5}$	$\Phi_{595}^3\ \Phi_{119}^4\ \Phi_{85}^3\ \Phi_{35}^4\ \Phi_{17}^4\ \Phi_{7}^4\ \Phi_{5}^3\ \Phi_{1}^4$
156265	1928	282	$\frac{5}{47}$	$\frac{6}{47}$	$\frac{41}{282}$	$\frac{7}{47}$	$\Phi_{282}^8\ \Phi_{141}^8\ \Phi_{94}^8\ \Phi_{47}\ \Phi_{6}^8\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^2$
156266	1929	2576	$\frac{3}{644}$	$\frac{1}{4}$	$\frac{647}{2576}$	$\frac{641}{1288}$	$\Phi_{2576}\ \Phi_{644}\ \Phi_{368}\ \Phi_{322}\ \Phi_{161}\ \Phi_{112}\ \Phi_{92}\ \Phi_{46}\ \Phi_{28}\ \Phi_{23}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
156267	1929	1280	$\frac{3}{640}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{637}{1280}$	$\Phi_{1280}^3\ \Phi_{256}^3\ \Phi_{16}\ \Phi_{1}$
156268	1929	1280	$\frac{3}{640}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{637}{1280}$	$\Phi_{1280}^3\ \Phi_{256}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
156269	1929	2548	$\frac{6}{637}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{631}{1274}$	$\Phi_{2548}\ \Phi_{637}\ \Phi_{364}\ \Phi_{196}\ \Phi_{91}\ \Phi_{52}\ \Phi_{49}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_{13}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
156270	1929	736	$\frac{1}{92}$	$\frac{93}{736}$	$\frac{1}{4}$	$\frac{91}{184}$	$\Phi_{736}^3\ \Phi_{368}^3\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{32}^3\ \Phi_{23}^3\ \Phi_{16}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
156271	1929	3808	$\frac{25}{1904}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1879}{3808}$	$\Phi_{3808}\ \Phi_{544}\ \Phi_{224}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
156272	1929	1260	$\frac{13}{630}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{617}{1260}$	$\Phi_{1260}\ \Phi_{630}^2\ \Phi_{420}\ \Phi_{315}^2\ \Phi_{252}\ \Phi_{210}^2\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^3\ \Phi_{12}\ \Phi_{10}^2\ \Phi_{9}^2\ \Phi_{7}^3\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156273	1929	2024	$\frac{3}{92}$	$\frac{95}{2024}$	$\frac{1}{4}$	$\frac{89}{184}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{253}\ \Phi_{92}\ \Phi_{88}\ \Phi_{46}\ \Phi_{44}\ \Phi_{23}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
156274	1929	2484	$\frac{22}{621}$	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{599}{1242}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{621}\ \Phi_{276}\ \Phi_{207}\ \Phi_{108}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}\ \Phi_{36}\ \Phi_{27}\ \Phi_{23}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
156275	1929	672	$\frac{1}{28}$	$\frac{29}{672}$	$\frac{1}{4}$	$\frac{27}{56}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
156276	1929	704	$\frac{7}{176}$	$\frac{61}{704}$	$\frac{1}{8}$	$\frac{169}{352}$	$\Phi_{704}^3\ \Phi_{352}^2\ \Phi_{176}^3\ \Phi_{88}^3\ \Phi_{64}^3\ \Phi_{44}^3\ \Phi_{32}^2\ \Phi_{22}^3\ \Phi_{16}^3\ \Phi_{11}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
156277	1929	1232	$\frac{1}{28}$	$\frac{27}{616}$	$\frac{1}{4}$	$\frac{589}{1232}$	$\Phi_{1232}^3\ \Phi_{176}^3\ \Phi_{112}^3\ \Phi_{28}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
156278	1929	1232	$\frac{27}{616}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{589}{1232}$	$\Phi_{1232}^3\ \Phi_{176}^3\ \Phi_{112}^3\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}^3\ \Phi_{11}\ \Phi_1$
156279	1929	3680	$\frac{3}{92}$	$\frac{89}{1840}$	$\frac{1}{4}$	$\frac{1751}{3680}$	$\Phi_{3680}\ \Phi_{736}\ \Phi_{160}\ \Phi_{92}\ \Phi_{46}\ \Phi_{32}\ \Phi_{23}\ \Phi_1$
156280	1929	1196	$\frac{1}{46}$	$\frac{45}{598}$	$\frac{1}{4}$	$\frac{553}{1196}$	$\Phi_{1196}\ \Phi_{598}^2\ \Phi_{299}^2\ \Phi_{92}^3\ \Phi_{52}\ \Phi_{46}^3\ \Phi_{26}^2\ \Phi_{23}^3\ \Phi_{13}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
156281	1929	3520	$\frac{7}{176}$	$\frac{169}{1760}$	$\frac{1}{8}$	$\frac{1591}{3520}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{176}\ \Phi_{88}\ \Phi_{64}\ \Phi_{44}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
156282	1929	1960	$\frac{31}{1960}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{70}\ \Phi_{49}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
156283	1929	960	$\frac{3}{320}$	$\frac{1}{8}$	$\frac{317}{960}$	$\frac{7}{16}$	$\Phi_{960}^3\ \Phi_{480}^3\ \Phi_{240}^3\ \Phi_{192}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{16}\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
156284	1929	1952	$\frac{23}{1952}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1952}\ \Phi_{976}\ \Phi_{488}\ \Phi_{244}\ \Phi_{122}\ \Phi_{61}\ \Phi_{16}\ \Phi_1$
156285	1929	2560	$\frac{9}{640}$	$\frac{1}{8}$	$\frac{631}{2560}$	$\frac{7}{16}$	$\Phi_{2560}\ \Phi_{1280}\ \Phi_{512}\ \Phi_{256}\ \Phi_{16}\ \Phi_1$
156286	1929	800	$\frac{3}{160}$	$\frac{1}{8}$	$\frac{157}{800}$	$\frac{7}{16}$	$\Phi_{800}^3\ \Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{16}\ \Phi_1$
156287	1929	656	$\frac{13}{656}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{656}^3\ \Phi_{328}^3\ \Phi_{164}^3\ \Phi_{82}^3\ \Phi_{41}^3\ \Phi_{16}\ \Phi_1$
156288	1929	768	$\frac{3}{128}$	$\frac{1}{8}$	$\frac{125}{768}$	$\frac{7}{16}$	$\Phi_{768}^3\ \Phi_{384}^3\ \Phi_{256}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{16}\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
156289	1929	1984	$\frac{55}{1984}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{31}\ \Phi_{16}\ \Phi_1$
156290	1929	2240	$\frac{9}{320}$	$\frac{1}{8}$	$\frac{311}{2240}$	$\frac{7}{16}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
156291	1929	2000	$\frac{71}{2000}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
156292	1929	720	$\frac{3}{80}$	$\frac{77}{720}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
156293	1929	672	$\frac{29}{672}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
156294	1929	704	$\frac{3}{64}$	$\frac{61}{704}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{704}^3\ \Phi_{352}^3\ \Phi_{176}^3\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{16}\ \Phi_{11}^3\ \Phi_1$
156295	1929	2080	$\frac{9}{160}$	$\frac{151}{2080}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
156296	1929	2048	$\frac{119}{2048}$	$\frac{9}{128}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_{16}\ \Phi_1$
156297	1929	1104	$\frac{1}{92}$	$\frac{91}{552}$	$\frac{1}{4}$	$\frac{461}{1104}$	$\Phi_{1104}^3\ \Phi_{368}^3\ \Phi_{92}^3\ \Phi_{48}^3\ \Phi_{46}^3\ \Phi_{23}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
156298	1929	648	$\frac{5}{648}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{648}^3\ \Phi_{324}^3\ \Phi_{216}^3\ \Phi_{162}^3\ \Phi_{108}^3\ \Phi_{81}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
156299	1929	1932	$\frac{1}{161}$	$\frac{1}{4}$	$\frac{160}{483}$	$\frac{323}{966}$	$\Phi_{1932}\ \Phi_{644}^2\ \Phi_{483}\ \Phi_{322}\ \Phi_{276}\ \Phi_{161}\ \Phi_{92}^2\ \Phi_{84}\ \Phi_{69}\ \Phi_{46}\ \Phi_{28}^2\ \Phi_{23}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_3\ \Phi_1$
156300	1929	964	$\frac{1}{241}$	$\frac{80}{241}$	$\frac{321}{964}$	$\frac{161}{482}$	$\Phi_{964}^3\ \Phi_{241}^2\ \Phi_4^3\ \Phi_1^3$
156301	1929	960	$\frac{3}{320}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{317}{960}$	$\Phi_{960}^3\ \Phi_{480}^3\ \Phi_{240}^3\ \Phi_{192}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
156302	1929	828	$\frac{1}{92}$	$\frac{185}{828}$	$\frac{1}{4}$	$\frac{91}{276}$	$\Phi_{828}^3\ \Phi_{414}^3\ \Phi_{207}^3\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{36}^3\ \Phi_{23}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
156303	1929	952	$\frac{25}{952}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{309}{952}$	$\Phi_{952}^2\ \Phi_{476}^2\ \Phi_{238}^2\ \Phi_{136}^2\ \Phi_{119}^2\ \Phi_{68}^2\ \Phi_{56}^2\ \Phi_{34}^2\ \Phi_{28}^3\ \Phi_{17}^2\ \Phi_{14}^3\ \Phi_8^2\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
156304	1929	1380	$\frac{1}{23}$	$\frac{47}{690}$	$\frac{1}{4}$	$\frac{22}{69}$	$\Phi_{1380}^2\ \Phi_{690}\ \Phi_{460}^2\ \Phi_{345}\ \Phi_{276}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{60}^2\ \Phi_{46}\ \Phi_{30}\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156305	1929	672	$\frac{29}{672}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{42}$	$\Phi_{672}^3\,\Phi_{336}^3\,\Phi_{224}^3\,\Phi_{168}^3\,\Phi_{112}^3\,\Phi_{96}^3\,\Phi_{84}\,\Phi_{56}^3\,\Phi_{48}^3\,\Phi_{42}^2\,\Phi_{32}^3\,\Phi_{28}^3$ $\Phi_{24}^3\,\Phi_{21}^2\,\Phi_{16}^3\,\Phi_{14}^3\,\Phi_{12}\,\Phi_8^3\,\Phi_7^3\,\Phi_6^2\,\Phi_4^2\,\Phi_3^2\,\Phi_2^2\,\Phi_1^3$
156306	1929	704	$\frac{7}{88}$	$\frac{61}{704}$	$\frac{1}{8}$	$\frac{27}{88}$	$\Phi_{704}^3\,\Phi_{352}^3\,\Phi_{176}^3\,\Phi_{88}\,\Phi_{64}^3\,\Phi_{44}\,\Phi_{32}^3\,\Phi_{22}\,\Phi_{16}^3\,\Phi_{11}\,\Phi_1$
156307	1929	924	$\frac{1}{28}$	$\frac{27}{308}$	$\frac{1}{4}$	$\frac{281}{924}$	$\Phi_{924}^3\,\Phi_{462}^3\,\Phi_{231}^3\,\Phi_{132}^3\,\Phi_{84}^3\,\Phi_{66}^3\,\Phi_{42}^3\,\Phi_{33}^3\,\Phi_{28}^3\,\Phi_{21}^3\,\Phi_{14}^3\,\Phi_{12}^3$ $\Phi_7^3\,\Phi_6^3\,\Phi_4^2\,\Phi_3^3\,\Phi_2^2\,\Phi_1^3$
156308	1929	920	$\frac{3}{92}$	$\frac{89}{920}$	$\frac{1}{4}$	$\frac{277}{920}$	$\Phi_{920}^2\,\Phi_{460}^2\,\Phi_{230}^2\,\Phi_{184}^2\,\Phi_{115}^2\,\Phi_{92}^3\,\Phi_{46}^3\,\Phi_{40}^2\,\Phi_{23}^3\,\Phi_{20}^2\,\Phi_{10}^2\,\Phi_8^2$ $\Phi_5^2\,\Phi_4^2\,\Phi_2^2\,\Phi_1^3$
156309	1929	880	$\frac{7}{176}$	$\frac{1}{8}$	$\frac{169}{880}$	$\frac{237}{880}$	$\Phi_{880}^2\,\Phi_{440}^2\,\Phi_{220}^2\,\Phi_{176}^3\,\Phi_{110}^2\,\Phi_{88}^3\,\Phi_{80}^2\,\Phi_{55}^2\,\Phi_{44}^3\,\Phi_{40}^2\,\Phi_{22}^3\,\Phi_{20}^2$ $\Phi_{16}^3\,\Phi_{11}^3\,\Phi_{10}^2\,\Phi_8^2\,\Phi_5^2\,\Phi_4^2\,\Phi_2^2\,\Phi_1^3$
156310	1929	800	$\frac{3}{160}$	$\frac{157}{800}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{800}^3\,\Phi_{400}^3\,\Phi_{200}^3\,\Phi_{100}^3\,\Phi_{50}^3\,\Phi_{25}^3\,\Phi_4^2\,\Phi_2^2\,\Phi_1^3$
156311	1929	656	$\frac{13}{656}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{656}^3\,\Phi_{328}^3\,\Phi_{164}^3\,\Phi_{82}^3\,\Phi_{41}^3\,\Phi_4^2\,\Phi_2^2\,\Phi_1^3$
156312	1929	768	$\frac{3}{128}$	$\frac{125}{768}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{768}^3\,\Phi_{384}^3\,\Phi_{256}^3\,\Phi_{192}^3\,\Phi_{96}^3\,\Phi_{48}^3\,\Phi_{24}^3\,\Phi_{12}^3\,\Phi_6^3\,\Phi_4^2\,\Phi_3^3\,\Phi_2^2\,\Phi_1^3$
156313	1929	660	$\frac{17}{660}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{660}^3\,\Phi_{330}^3\,\Phi_{220}^3\,\Phi_{165}^3\,\Phi_{132}^3\,\Phi_{110}^3\,\Phi_{66}^3\,\Phi_{60}^3\,\Phi_{55}^3\,\Phi_{44}^3\,\Phi_{33}^3$ $\Phi_{30}^3\,\Phi_{22}^3\,\Phi_{15}^3\,\Phi_{12}^3\,\Phi_{11}^3\,\Phi_6^3\,\Phi_4^2\,\Phi_3^3\,\Phi_2^2\,\Phi_1^3$
156314	1929	720	$\frac{3}{80}$	$\frac{77}{720}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{720}^3\,\Phi_{360}^3\,\Phi_{240}^3\,\Phi_{180}^3\,\Phi_{144}^3\,\Phi_{120}^3\,\Phi_{90}^3\,\Phi_{72}^3\,\Phi_{60}^3\,\Phi_{48}^3\,\Phi_{45}^3$ $\Phi_{36}^3\,\Phi_{30}^3\,\Phi_{24}^3\,\Phi_{18}^3\,\Phi_{15}^3\,\Phi_{12}^3\,\Phi_9^3\,\Phi_6^3\,\Phi_4^2\,\Phi_3^3\,\Phi_2^2\,\Phi_1^3$
156315	1929	672	$\frac{29}{672}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{672}^3\,\Phi_{336}^3\,\Phi_{224}^3\,\Phi_{168}^3\,\Phi_{112}^3\,\Phi_{96}^3\,\Phi_{84}^3\,\Phi_{56}^3\,\Phi_{48}^3\,\Phi_{42}^3\,\Phi_{28}^3\,\Phi_{24}^3$ $\Phi_{21}^3\,\Phi_{14}^3\,\Phi_{12}^3\,\Phi_7^3\,\Phi_6^3\,\Phi_4^2\,\Phi_3^3\,\Phi_2^2\,\Phi_1^3$
156316	1929	704	$\frac{3}{64}$	$\frac{61}{704}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{704}^3\,\Phi_{352}^3\,\Phi_{176}^3\,\Phi_{88}^3\,\Phi_{44}^3\,\Phi_{22}^3\,\Phi_{11}^3\,\Phi_4^2\,\Phi_2^2\,\Phi_1^3$
156317	1929	680	$\frac{37}{680}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{680}^3\,\Phi_{340}^3\,\Phi_{170}^3\,\Phi_{136}^3\,\Phi_{85}^3\,\Phi_{68}^3\,\Phi_{34}^3\,\Phi_{17}^3\,\Phi_4^2\,\Phi_2^2\,\Phi_1^3$
156318	1929	736	$\frac{3}{92}$	$\frac{93}{736}$	$\frac{89}{368}$	$\frac{1}{4}$	$\Phi_{736}^3\,\Phi_{368}^2\,\Phi_{184}^2\,\Phi_{92}^3\,\Phi_{46}^3\,\Phi_{32}^3\,\Phi_{23}^3\,\Phi_{16}^2\,\Phi_8^2\,\Phi_4^2\,\Phi_2^2\,\Phi_1^3$
156319	1929	840	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{197}{840}$	$\frac{1}{4}$	$\Phi_{840}^3\,\Phi_{420}\,\Phi_{280}^3\,\Phi_{210}^2\,\Phi_{168}^3\,\Phi_{140}\,\Phi_{120}^3\,\Phi_{105}^2\,\Phi_{84}\,\Phi_{70}^2\,\Phi_{60}$ $\Phi_{56}^3\,\Phi_{42}^2\,\Phi_{40}^3\,\Phi_{35}^2\,\Phi_{30}^2\,\Phi_{28}^3\,\Phi_{24}^3\,\Phi_{21}^2\,\Phi_{20}\,\Phi_{15}^2\,\Phi_{14}^3\,\Phi_{12}\,\Phi_{10}^2$ $\Phi_8^3\,\Phi_7^3\,\Phi_6^2\,\Phi_5^2\,\Phi_4^2\,\Phi_3^2\,\Phi_2^2\,\Phi_1^3$
156320	1929	828	$\frac{1}{23}$	$\frac{22}{207}$	$\frac{185}{828}$	$\frac{1}{4}$	$\Phi_{828}^2\,\Phi_{414}^2\,\Phi_{276}^2\,\Phi_{207}^3\,\Phi_{138}^2\,\Phi_{92}^3\,\Phi_{69}^3\,\Phi_{46}^2\,\Phi_{36}^2\,\Phi_{23}^3\,\Phi_{18}^2\,\Phi_{12}^2$ $\Phi_9^3\,\Phi_6^2\,\Phi_4^2\,\Phi_3^3\,\Phi_2^2\,\Phi_1^3$
156321	1929	672	$\frac{29}{672}$	$\frac{3}{28}$	$\frac{25}{112}$	$\frac{1}{4}$	$\Phi_{672}^3\,\Phi_{336}^3\,\Phi_{224}^3\,\Phi_{168}^3\,\Phi_{112}^2\,\Phi_{96}^3\,\Phi_{84}^3\,\Phi_{56}^2\,\Phi_{48}^3\,\Phi_{42}^3\,\Phi_{32}^3\,\Phi_{28}^3$ $\Phi_{24}^3\,\Phi_{21}^3\,\Phi_{16}^2\,\Phi_{14}^3\,\Phi_{12}^3\,\Phi_8^2\,\Phi_7^3\,\Phi_6^3\,\Phi_4^2\,\Phi_3^3\,\Phi_2^2\,\Phi_1^3$
156322	1929	2300	$\frac{3}{92}$	$\frac{371}{2300}$	$\frac{89}{460}$	$\frac{1}{4}$	$\Phi_{2300}\,\Phi_{1150}\,\Phi_{575}\,\Phi_{100}\,\Phi_{92}\,\Phi_{50}\,\Phi_{46}\,\Phi_{25}\,\Phi_{23}\,\Phi_1$
156323	1929	2380	$\frac{25}{476}$	$\frac{3}{28}$	$\frac{451}{2380}$	$\frac{1}{4}$	$\Phi_{2380}\,\Phi_{1190}\,\Phi_{595}\,\Phi_{340}\,\Phi_{170}\,\Phi_{140}\,\Phi_{85}\,\Phi_{70}\,\Phi_{35}\,\Phi_{28}\,\Phi_{20}$ $\Phi_{14}\,\Phi_{10}\,\Phi_7\,\Phi_5\,\Phi_1$
156324	1929	700	$\frac{1}{14}$	$\frac{57}{700}$	$\frac{13}{70}$	$\frac{1}{4}$	$\Phi_{700}^3\,\Phi_{350}^3\,\Phi_{175}^3\,\Phi_{140}\,\Phi_{100}^3\,\Phi_{70}^2\,\Phi_{50}^3\,\Phi_{35}^2\,\Phi_{28}^3\,\Phi_{25}^3\,\Phi_{20}\,\Phi_{14}^3$ $\Phi_{10}^2\,\Phi_7^3\,\Phi_5^2\,\Phi_4^2\,\Phi_2^2\,\Phi_1^3$
156325	1929	756	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{113}{756}$	$\frac{1}{4}$	$\Phi_{756}^3\,\Phi_{378}^3\,\Phi_{252}\,\Phi_{189}^3\,\Phi_{126}^2\,\Phi_{108}^3\,\Phi_{84}\,\Phi_{63}^2\,\Phi_{54}^3\,\Phi_{42}^2\,\Phi_{36}$ $\Phi_{28}^3\,\Phi_{27}^3\,\Phi_{21}^2\,\Phi_{18}^2\,\Phi_{14}^3\,\Phi_{12}\,\Phi_9^2\,\Phi_7^3\,\Phi_6^2\,\Phi_4^2\,\Phi_3^2\,\Phi_2^2\,\Phi_1^3$
156326	1929	1372	$\frac{43}{686}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{1372}^2\,\Phi_{686}\,\Phi_{343}\,\Phi_{196}\,\Phi_{49}\,\Phi_{28}^2\,\Phi_{14}\,\Phi_7\,\Phi_4\,\Phi_1$
156327	1929	728	$\frac{6}{91}$	$\frac{85}{728}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{728}^3\,\Phi_{364}^2\,\Phi_{182}^2\,\Phi_{104}^3\,\Phi_{91}^3\,\Phi_{56}^3\,\Phi_{52}^2\,\Phi_{28}^3\,\Phi_{26}^2\,\Phi_{14}^3\,\Phi_{13}^3\,\Phi_8^3$ $\Phi_7^3\,\Phi_4^2\,\Phi_2^2\,\Phi_1^3$
156328	1929	2464	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{81}{616}$	$\frac{535}{2464}$	$\Phi_{2464}\,\Phi_{1232}\,\Phi_{352}\,\Phi_{224}\,\Phi_{176}\,\Phi_{112}\,\Phi_{88}\,\Phi_{44}\,\Phi_{32}\,\Phi_{22}\,\Phi_{16}$ $\Phi_{11}\,\Phi_1$
156329	1930	1926	$\frac{2}{963}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{961}{1926}$	$\Phi_{1926}^2\,\Phi_{642}^2\,\Phi_{214}^2\,\Phi_{18}^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
156330	1930	3080	$\frac{1}{385}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{192}{385}$	$\Phi_{3080}\,\Phi_{616}\,\Phi_{440}\,\Phi_{385}\,\Phi_{280}\,\Phi_{88}\,\Phi_{77}\,\Phi_{56}\,\Phi_{55}\,\Phi_{40}\,\Phi_{35}$ $\Phi_{11}\,\Phi_8^2\,\Phi_7\,\Phi_5\,\Phi_1^2$
156331	1930	3864	$\frac{1}{322}$	$\frac{323}{1288}$	$\frac{1}{3}$	$\frac{321}{644}$	$\Phi_{3864}\,\Phi_{966}\,\Phi_{552}\,\Phi_{483}\,\Phi_{168}\,\Phi_{138}\,\Phi_{69}\,\Phi_{42}\,\Phi_{24}\,\Phi_{21}\,\Phi_6$
156332	1930	1152	$\frac{1}{192}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{191}{384}$	$\Phi_{1152}^3\,\Phi_{384}^4\,\Phi_{128}^4\,\Phi_9\,\Phi_3\,\Phi_1^2$
156333	1930	384	$\frac{1}{192}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{191}{384}$	$\Phi_{384}^{10}\,\Phi_{128}^{10}\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$
156334	1930	5754	$\frac{6}{959}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{953}{1918}$	$\Phi_{5754}\,\Phi_{822}\,\Phi_{42}\,\Phi_{21}\,\Phi_6$
156335	1930	1104	$\frac{1}{138}$	$\frac{139}{1104}$	$\frac{1}{3}$	$\frac{137}{276}$	$\Phi_{1104}^2\,\Phi_{552}^2\,\Phi_{368}^2\,\Phi_{184}^2\,\Phi_{138}^2\,\Phi_{69}^2\,\Phi_{48}^2\,\Phi_{46}^2\,\Phi_{24}^2\,\Phi_{23}^2\,\Phi_{16}^2$ $\Phi_8^2\,\Phi_6^2\,\Phi_3\,\Phi_2^2\,\Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156336	1930	258	$\frac{1}{129}$	$\frac{1}{6}$	$\frac{65}{258}$	$\frac{64}{129}$	$\Phi_{258}^{7}\,\Phi_{129}^{8}\,\Phi_{86}^{7}\,\Phi_{43}^{8}\,\Phi_{6}^{6}\,\Phi_{3}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{8}$
156337	1930	1911	$\frac{19}{1911}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{946}{1911}$	$\Phi_{1911}\,\Phi_{637}\,\Phi_{273}\,\Phi_{147}\,\Phi_{91}\,\Phi_{49}\,\Phi_{39}\,\Phi_{21}^{2}\,\Phi_{13}\,\Phi_{7}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
156338	1930	5712	$\frac{13}{952}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{939}{1904}$	$\Phi_{5712}\,\Phi_{816}\,\Phi_{336}\,\Phi_{48}\,\Phi_{42}\,\Phi_{21}\,\Phi_{6}$
156339	1930	378	$\frac{4}{189}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{185}{378}$	$\Phi_{378}^{10}\,\Phi_{126}^{10}\,\Phi_{54}^{10}\,\Phi_{42}^{10}\,\Phi_{21}^{2}\,\Phi_{18}^{10}\,\Phi_{14}^{10}\,\Phi_{7}^{2}\,\Phi_{6}^{10}\,\Phi_{3}\,\Phi_{2}^{10}\,\Phi_{1}^{2}$
156340	1930	378	$\frac{4}{189}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{185}{378}$	$\Phi_{378}^{4}\,\Phi_{189}^{6}\,\Phi_{126}^{4}\,\Phi_{63}^{6}\,\Phi_{54}^{4}\,\Phi_{42}^{4}\,\Phi_{27}^{6}\,\Phi_{21}^{6}\,\Phi_{18}^{7}\,\Phi_{14}^{4}\,\Phi_{9}^{8}\,\Phi_{7}^{6}\,\Phi_{6}^{6}\,\Phi_{3}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{8}$
156341	1930	3036	$\frac{1}{46}$	$\frac{47}{1012}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{3036}\,\Phi_{1518}\,\Phi_{759}\,\Phi_{138}\,\Phi_{132}\,\Phi_{69}\,\Phi_{66}\,\Phi_{33}\,\Phi_{6}$
156342	1930	1290	$\frac{1}{43}$	$\frac{22}{215}$	$\frac{1}{6}$	$\frac{21}{43}$	$\Phi_{1290}^{2}\,\Phi_{645}^{2}\,\Phi_{430}^{2}\,\Phi_{258}\,\Phi_{129}\,\Phi_{86}\,\Phi_{30}^{2}\,\Phi_{15}^{2}\,\Phi_{10}^{2}$
156343	1930	5658	$\frac{22}{943}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{921}{1886}$	$\Phi_{5658}\,\Phi_{246}\,\Phi_{138}\,\Phi_{69}\,\Phi_{6}$
156344	1930	1008	$\frac{1}{42}$	$\frac{43}{1008}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{1008}^{2}\,\Phi_{504}^{2}\,\Phi_{336}^{2}\,\Phi_{252}^{2}\,\Phi_{168}^{2}\,\Phi_{144}^{2}\,\Phi_{126}^{2}\,\Phi_{112}^{2}\,\Phi_{72}^{2}\,\Phi_{63}^{2}\,\Phi_{56}^{2}\,\Phi_{48}^{2}\,\Phi_{42}^{2}\,\Phi_{36}^{2}\,\Phi_{24}^{2}\,\Phi_{21}^{2}\,\Phi_{18}^{2}\,\Phi_{16}^{2}\,\Phi_{14}^{2}\,\Phi_{9}^{2}\,\Phi_{8}^{2}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
156345	1930	1863	$\frac{2}{69}$	$\frac{67}{1863}$	$\frac{1}{3}$	$\frac{898}{1863}$	$\Phi_{1863}\,\Phi_{621}\,\Phi_{207}\,\Phi_{81}\,\Phi_{69}^{2}\,\Phi_{27}\,\Phi_{23}^{2}\,\Phi_{9}\,\Phi_{3}\,\Phi_{1}^{2}$
156346	1930	1848	$\frac{1}{42}$	$\frac{41}{924}$	$\frac{1}{3}$	$\frac{883}{1848}$	$\Phi_{1848}^{2}\,\Phi_{616}^{2}\,\Phi_{264}^{2}\,\Phi_{168}^{2}\,\Phi_{88}^{2}\,\Phi_{56}^{2}\,\Phi_{42}^{2}\,\Phi_{24}^{2}\,\Phi_{21}^{2}\,\Phi_{14}^{2}\,\Phi_{8}^{2}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
156347	1930	1104	$\frac{1}{46}$	$\frac{9}{184}$	$\frac{1}{3}$	$\frac{175}{368}$	$\Phi_{1104}^{5}\,\Phi_{138}\,\Phi_{69}\,\Phi_{48}^{5}\,\Phi_{6}$
156348	1930	588	$\frac{3}{196}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{588}^{5}\,\Phi_{294}^{5}\,\Phi_{147}^{5}\,\Phi_{84}^{4}\,\Phi_{42}^{5}\,\Phi_{21}^{5}\,\Phi_{12}^{4}\,\Phi_{6}^{5}\,\Phi_{3}^{4}$
156349	1930	1794	$\frac{1}{69}$	$\frac{68}{897}$	$\frac{1}{3}$	$\frac{829}{1794}$	$\Phi_{1794}^{2}\,\Phi_{598}^{2}\,\Phi_{138}^{2}\,\Phi_{78}^{2}\,\Phi_{69}^{2}\,\Phi_{46}^{2}\,\Phi_{26}^{2}\,\Phi_{23}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
156350	1930	585	$\frac{2}{195}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{585}^{3}\,\Phi_{195}^{4}\,\Phi_{117}^{3}\,\Phi_{65}^{4}\,\Phi_{45}^{3}\,\Phi_{39}^{4}\,\Phi_{15}^{4}\,\Phi_{13}^{4}\,\Phi_{9}\,\Phi_{5}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
156351	1930	288	$\frac{1}{96}$	$\frac{1}{9}$	$\frac{95}{288}$	$\frac{4}{9}$	$\Phi_{288}^{7}\,\Phi_{144}^{7}\,\Phi_{96}^{6}\,\Phi_{72}^{7}\,\Phi_{48}^{6}\,\Phi_{36}^{7}\,\Phi_{32}^{6}\,\Phi_{24}^{6}\,\Phi_{18}^{7}\,\Phi_{16}^{6}\,\Phi_{12}^{6}\,\Phi_{9}^{8}\,\Phi_{8}^{6}\,\Phi_{6}^{6}\,\Phi_{4}^{6}\,\Phi_{3}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{8}$
156352	1930	1764	$\frac{3}{196}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1764}\,\Phi_{882}\,\Phi_{588}\,\Phi_{441}\,\Phi_{294}\,\Phi_{252}\,\Phi_{196}^{2}\,\Phi_{147}\,\Phi_{126}\,\Phi_{98}^{2}\,\Phi_{84}\,\Phi_{63}\,\Phi_{49}^{2}\,\Phi_{42}\,\Phi_{28}^{2}\,\Phi_{21}\,\Phi_{14}^{2}\,\Phi_{9}\,\Phi_{7}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
156353	1930	2304	$\frac{1}{64}$	$\frac{1}{9}$	$\frac{63}{256}$	$\frac{4}{9}$	$\Phi_{2304}\,\Phi_{1152}\,\Phi_{768}\,\Phi_{384}\,\Phi_{256}^{2}\,\Phi_{128}^{2}\,\Phi_{9}\,\Phi_{3}\,\Phi_{1}^{2}$
156354	1930	720	$\frac{1}{48}$	$\frac{1}{9}$	$\frac{47}{240}$	$\frac{4}{9}$	$\Phi_{720}^{3}\,\Phi_{360}^{3}\,\Phi_{240}^{4}\,\Phi_{180}^{3}\,\Phi_{120}^{4}\,\Phi_{90}^{3}\,\Phi_{80}^{4}\,\Phi_{60}^{4}\,\Phi_{45}^{3}\,\Phi_{40}^{4}\,\Phi_{30}^{4}\,\Phi_{20}^{4}\,\Phi_{15}^{4}\,\Phi_{10}^{4}\,\Phi_{9}\,\Phi_{5}^{4}\,\Phi_{3}\,\Phi_{1}^{2}$
156355	1930	198	$\frac{5}{198}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{198}^{10}\,\Phi_{99}^{10}\,\Phi_{66}^{10}\,\Phi_{33}^{10}\,\Phi_{22}^{10}\,\Phi_{18}^{7}\,\Phi_{11}^{10}\,\Phi_{9}^{8}\,\Phi_{6}^{6}\,\Phi_{3}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{8}$
156356	1930	2016	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{31}{224}$	$\frac{4}{9}$	$\Phi_{2016}\,\Phi_{1008}\,\Phi_{672}\,\Phi_{504}\,\Phi_{336}\,\Phi_{252}\,\Phi_{224}^{2}\,\Phi_{168}\,\Phi_{126}\,\Phi_{112}^{2}\,\Phi_{84}\,\Phi_{63}\,\Phi_{56}^{2}\,\Phi_{42}\,\Phi_{28}^{2}\,\Phi_{21}\,\Phi_{14}^{2}\,\Phi_{9}\,\Phi_{7}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
156357	1930	1800	$\frac{7}{200}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{1800}\,\Phi_{900}\,\Phi_{600}\,\Phi_{450}\,\Phi_{360}\,\Phi_{300}\,\Phi_{225}\,\Phi_{200}^{2}\,\Phi_{180}\,\Phi_{150}\,\Phi_{120}\,\Phi_{100}^{2}\,\Phi_{90}\,\Phi_{75}\,\Phi_{60}\,\Phi_{50}^{2}\,\Phi_{45}\,\Phi_{40}^{2}\,\Phi_{30}\,\Phi_{25}^{2}\,\Phi_{20}^{2}\,\Phi_{15}\,\Phi_{10}^{2}\,\Phi_{9}\,\Phi_{5}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
156358	1930	216	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{216}^{10}\,\Phi_{108}^{10}\,\Phi_{72}^{7}\,\Phi_{54}^{10}\,\Phi_{36}^{7}\,\Phi_{27}^{10}\,\Phi_{24}^{6}\,\Phi_{18}^{7}\,\Phi_{12}^{6}\,\Phi_{9}^{8}\,\Phi_{8}^{6}\,\Phi_{6}^{6}\,\Phi_{4}^{6}\,\Phi_{3}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{8}$
156359	1930	612	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{612}^{3}\,\Phi_{306}^{3}\,\Phi_{204}^{4}\,\Phi_{153}^{3}\,\Phi_{102}^{4}\,\Phi_{68}^{4}\,\Phi_{51}^{4}\,\Phi_{34}^{4}\,\Phi_{17}^{4}\,\Phi_{9}\,\Phi_{3}\,\Phi_{1}^{2}$
156360	1930	1872	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1872}\,\Phi_{936}\,\Phi_{624}\,\Phi_{468}\,\Phi_{312}\,\Phi_{234}\,\Phi_{208}^{2}\,\Phi_{156}\,\Phi_{117}\,\Phi_{104}^{2}\,\Phi_{78}\,\Phi_{52}^{2}\,\Phi_{39}\,\Phi_{26}^{2}\,\Phi_{13}^{2}\,\Phi_{9}\,\Phi_{3}\,\Phi_{1}^{2}$
156361	1930	1032	$\frac{1}{43}$	$\frac{21}{172}$	$\frac{1}{6}$	$\frac{151}{344}$	$\Phi_{1032}^{4}\,\Phi_{344}^{2}\,\Phi_{258}\,\Phi_{129}\,\Phi_{86}\,\Phi_{24}^{4}\,\Phi_{8}^{2}$
156362	1930	1656	$\frac{1}{138}$	$\frac{137}{828}$	$\frac{1}{3}$	$\frac{691}{1656}$	$\Phi_{1656}^{2}\,\Phi_{552}^{2}\,\Phi_{184}^{2}\,\Phi_{138}^{2}\,\Phi_{72}^{2}\,\Phi_{69}^{2}\,\Phi_{46}^{2}\,\Phi_{24}^{2}\,\Phi_{23}^{2}\,\Phi_{8}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
156363	1930	972	$\frac{7}{972}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{972}^{2}\,\Phi_{486}^{2}\,\Phi_{324}^{2}\,\Phi_{243}^{2}\,\Phi_{162}^{2}\,\Phi_{108}^{2}\,\Phi_{81}^{2}\,\Phi_{54}^{2}\,\Phi_{36}^{2}\,\Phi_{27}^{2}\,\Phi_{18}^{2}\,\Phi_{9}^{2}\,\Phi_{6}^{2}\,\Phi_{3}\,\Phi_{2}^{2}\,\Phi_{1}^{2}$
156364	1930	966	$\frac{1}{161}$	$\frac{32}{161}$	$\frac{1}{3}$	$\frac{129}{322}$	$\Phi_{966}^{5}\,\Phi_{483}\,\Phi_{138}^{5}\,\Phi_{69}\,\Phi_{42}^{5}\,\Phi_{21}\,\Phi_{6}^{5}$
156365	1930	2328	$\frac{1}{194}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2328}^{2}\,\Phi_{582}\,\Phi_{291}\,\Phi_{24}\,\Phi_{6}$
156366	1930	1560	$\frac{2}{195}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1560}^{2}\,\Phi_{520}^{2}\,\Phi_{312}^{2}\,\Phi_{195}^{2}\,\Phi_{120}^{2}\,\Phi_{104}^{2}\,\Phi_{65}^{2}\,\Phi_{40}\,\Phi_{39}^{2}\,\Phi_{24}^{2}\,\Phi_{15}^{2}\,\Phi_{13}^{2}\,\Phi_{8}^{2}\,\Phi_{5}\,\Phi_{3}^{2}\,\Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156367	1930	1848	$\frac{1}{77}$	$\frac{38}{231}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1848}^2\ \Phi_{616}\ \Phi_{264}^2\ \Phi_{231}^2\ \Phi_{168}^2\ \Phi_{88}\ \Phi_{77}\ \Phi_{56}\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{11}\ \Phi_8^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
156368	1930	392	$\frac{3}{196}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{392}^8\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{56}^7\ \Phi_{49}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^8\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
156369	1930	440	$\frac{1}{55}$	$\frac{27}{220}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^7\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{88}^7\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{40}^7\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_8^8\ \Phi_5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
156370	1930	792	$\frac{5}{198}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}^4\ \Phi_{264}^4\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{88}^3\ \Phi_{72}^4\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{24}^4\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_8^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
156371	1930	840	$\frac{1}{35}$	$\frac{17}{210}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^4\ \Phi_{280}^3\ \Phi_{210}^2\ \Phi_{168}^4\ \Phi_{120}^4\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{40}^3\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{24}^4\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_8^4\ \Phi_7\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
156372	1930	1449	$\frac{2}{483}$	$\frac{481}{1449}$	$\frac{1}{3}$	$\frac{484}{1449}$	$\Phi_{1449}\ \Phi_{483}^2\ \Phi_{207}\ \Phi_{161}^2\ \Phi_{69}^2\ \Phi_{63}\ \Phi_{23}^2\ \Phi_{21}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
156373	1930	1284	$\frac{2}{321}$	$\frac{319}{1284}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1284}^2\ \Phi_{642}^2\ \Phi_{428}^2\ \Phi_{214}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
156374	1930	972	$\frac{7}{972}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
156375	1930	390	$\frac{2}{195}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{390}^6\ \Phi_{195}^4\ \Phi_{130}^6\ \Phi_{78}^6\ \Phi_{65}^4\ \Phi_{39}^4\ \Phi_{30}^6\ \Phi_{26}^6\ \Phi_{15}^4\ \Phi_{13}^4\ \Phi_{10}^6\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
156376	1930	1242	$\frac{1}{138}$	$\frac{277}{1242}$	$\frac{137}{414}$	$\frac{1}{3}$	$\Phi_{1242}^2\ \Phi_{621}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{54}^2\ \Phi_{46}^2\ \Phi_{27}^2\ \Phi_{23}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
156377	1930	288	$\frac{1}{96}$	$\frac{1}{6}$	$\frac{95}{288}$	$\frac{1}{3}$	$\Phi_{288}^{10}\ \Phi_{144}^{10}\ \Phi_{72}^{10}\ \Phi_{36}^{10}\ \Phi_{18}^{10}\ \Phi_9^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
156378	1930	1428	$\frac{13}{476}$	$\frac{1}{14}$	$\frac{463}{1428}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}^2\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{204}\ \Phi_{119}^2\ \Phi_{102}\ \Phi_{84}\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{42}^2\ \Phi_{34}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
156379	1930	207	$\frac{2}{69}$	$\frac{14}{207}$	$\frac{67}{207}$	$\frac{1}{3}$	$\Phi_{207}^9\ \Phi_{69}^{10}\ \Phi_{23}^{10}\ \Phi_9^9\ \Phi_3^9\ \Phi_1^{10}$
156380	1930	1008	$\frac{43}{1008}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
156381	1930	1386	$\frac{1}{42}$	$\frac{41}{462}$	$\frac{421}{1386}$	$\frac{1}{3}$	$\Phi_{1386}^2\ \Phi_{693}^2\ \Phi_{198}^2\ \Phi_{126}^2\ \Phi_{99}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
156382	1930	276	$\frac{1}{46}$	$\frac{9}{92}$	$\frac{83}{276}$	$\frac{1}{3}$	$\Phi_{276}^5\ \Phi_{138}^6\ \Phi_{92}^{10}\ \Phi_{69}^6\ \Phi_{46}^{10}\ \Phi_{23}^{10}\ \Phi_{12}^5\ \Phi_6^6\ \Phi_4^{10}\ \Phi_3^5\ \Phi_2^{10}\ \Phi_1^{10}$
156383	1930	588	$\frac{3}{196}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{588}^5\ \Phi_{294}^5\ \Phi_{147}^5\ \Phi_{84}^5\ \Phi_{42}^5\ \Phi_{21}^3\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^2$
156384	1930	588	$\frac{3}{196}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{588}^3\ \Phi_{294}^3\ \Phi_{196}^4\ \Phi_{147}^3\ \Phi_{98}^4\ \Phi_{84}^3\ \Phi_{49}^4\ \Phi_{42}^3\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
156385	1930	768	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{63}{256}$	$\frac{1}{3}$	$\Phi_{768}^3\ \Phi_{384}^3\ \Phi_{256}^4\ \Phi_{128}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
156386	1930	1104	$\frac{1}{46}$	$\frac{139}{1104}$	$\frac{45}{184}$	$\frac{1}{3}$	$\Phi_{1104}^2\ \Phi_{552}\ \Phi_{368}^2\ \Phi_{276}\ \Phi_{184}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{48}^2\ \Phi_{46}^2\ \Phi_{24}\ \Phi_{23}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
156387	1930	252	$\frac{1}{21}$	$\frac{4}{63}$	$\frac{59}{252}$	$\frac{1}{3}$	$\Phi_{252}^{10}\ \Phi_{126}^{10}\ \Phi_{84}^{10}\ \Phi_{42}^{10}\ \Phi_{36}^{10}\ \Phi_{28}^{10}\ \Phi_{21}^2\ \Phi_{18}^{10}\ \Phi_{14}^{10}\ \Phi_{12}^{10}\ \Phi_7^2\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3\ \Phi_2^{10}\ \Phi_1^2$
156388	1930	1008	$\frac{43}{1008}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
156389	1930	1242	$\frac{2}{69}$	$\frac{67}{621}$	$\frac{277}{1242}$	$\frac{1}{3}$	$\Phi_{1242}^2\ \Phi_{621}\ \Phi_{414}^2\ \Phi_{207}\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{54}^2\ \Phi_{46}^2\ \Phi_{27}\ \Phi_{23}^2\ \Phi_{18}^2\ \Phi_9\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
156390	1930	984	$\frac{19}{984}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{984}^2\ \Phi_{492}^2\ \Phi_{328}^2\ \Phi_{246}^2\ \Phi_{164}^2\ \Phi_{123}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
156391	1930	240	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{47}{240}$	$\frac{1}{3}$	$\Phi_{240}^{10}\ \Phi_{120}^{10}\ \Phi_{80}^{10}\ \Phi_{60}^{10}\ \Phi_{40}^{10}\ \Phi_{30}^{10}\ \Phi_{20}^{10}\ \Phi_{15}^{10}\ \Phi_{10}^{10}\ \Phi_6^2\ \Phi_5^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
156392	1930	690	$\frac{1}{46}$	$\frac{37}{230}$	$\frac{9}{46}$	$\frac{1}{3}$	$\Phi_{690}^5\ \Phi_{345}^5\ \Phi_{138}\ \Phi_{69}\ \Phi_{30}^5\ \Phi_{15}^5\ \Phi_6$
156393	1930	210	$\frac{1}{21}$	$\frac{17}{210}$	$\frac{4}{21}$	$\frac{1}{3}$	$\Phi_{210}^{10}\ \Phi_{105}^{10}\ \Phi_{70}^{10}\ \Phi_{42}^{10}\ \Phi_{35}^{10}\ \Phi_{30}^{10}\ \Phi_{21}^2\ \Phi_{15}^{10}\ \Phi_{14}^{10}\ \Phi_{10}^{10}\ \Phi_7^2\ \Phi_6^{10}\ \Phi_5^{10}\ \Phi_3\ \Phi_2^{10}\ \Phi_1^2$
156394	1930	714	$\frac{13}{238}$	$\frac{1}{14}$	$\frac{45}{238}$	$\frac{1}{3}$	$\Phi_{714}^4\ \Phi_{357}^4\ \Phi_{102}^4\ \Phi_{51}^4\ \Phi_{42}^5\ \Phi_{21}^5\ \Phi_6^5\ \Phi_3^4$
156395	1930	207	$\frac{4}{69}$	$\frac{14}{207}$	$\frac{13}{69}$	$\frac{1}{3}$	$\Phi_{207}^{10}\ \Phi_{69}^8\ \Phi_{23}^8\ \Phi_9^{10}\ \Phi_3^7\ \Phi_1^8$
156396	1930	198	$\frac{5}{198}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{198}^{10}\ \Phi_{99}^{10}\ \Phi_{66}^{10}\ \Phi_{33}^{10}\ \Phi_{22}^{10}\ \Phi_{18}^{10}\ \Phi_{11}^{10}\ \Phi_9^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156397	1930	1152	$\frac{5}{192}$	$\frac{187}{1152}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1152}^2\ \Phi_{576}^2\ \Phi_{384}^2\ \Phi_{288}^2\ \Phi_{144}^2\ \Phi_{128}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
156398	1930	672	$\frac{1}{32}$	$\frac{31}{224}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^4\ \Phi_{168}^3\ \Phi_{112}^4\ \Phi_{84}^3\ \Phi_{56}^4\ \Phi_{42}^3\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
156399	1930	600	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^4\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^4\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^4\ \Phi_{40}^4\ \Phi_{30}^3\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
156400	1930	216	$\frac{1}{24}$	$\frac{23}{216}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{216}^{10}\ \Phi_{108}^{10}\ \Phi_{72}^{10}\ \Phi_{54}^{10}\ \Phi_{36}^{10}\ \Phi_{27}^{10}\ \Phi_{18}^{10}\ \Phi_9^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
156401	1930	1008	$\frac{43}{1008}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
156402	1930	1056	$\frac{5}{96}$	$\frac{91}{1056}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
156403	1930	204	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{204}^{10}\ \Phi_{102}^{10}\ \Phi_{68}^{10}\ \Phi_{51}^{10}\ \Phi_{34}^{10}\ \Phi_{17}^{10}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
156404	1930	624	$\frac{1}{16}$	$\frac{15}{208}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^4\ \Phi_{156}^3\ \Phi_{104}^4\ \Phi_{78}^3\ \Phi_{52}^4\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
156405	1930	1134	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{169}{1134}$	$\frac{1}{3}$	$\Phi_{1134}^2\ \Phi_{567}^2\ \Phi_{378}^2\ \Phi_{162}^2\ \Phi_{126}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
156406	1930	1029	$\frac{64}{1029}$	$\frac{2}{21}$	$\frac{19}{147}$	$\frac{1}{3}$	$\Phi_{1029}^2\ \Phi_{343}^2\ \Phi_{147}\ \Phi_{49}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
156407	1930	1092	$\frac{19}{273}$	$\frac{2}{21}$	$\frac{127}{1092}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{156}^2\ \Phi_{91}\ \Phi_{84}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
156408	1930	1134	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{181}{567}$	$\Phi_{1134}^3\ \Phi_{567}^2\ \Phi_{162}^3\ \Phi_{81}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
156409	1930	810	$\frac{19}{405}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{810}^3\ \Phi_{405}^2\ \Phi_{270}^3\ \Phi_{162}^3\ \Phi_{135}^2\ \Phi_{90}^3\ \Phi_{81}^2\ \Phi_{45}^2\ \Phi_{30}^3\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
156410	1930	258	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{21}{86}$	$\frac{65}{258}$	$\Phi_{258}^7\ \Phi_{129}^7\ \Phi_{86}^9\ \Phi_{43}^8\ \Phi_6^6\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
156411	1930	252	$\frac{4}{63}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{59}{252}$	$\Phi_{252}^{10}\ \Phi_{126}^4\ \Phi_{84}^{10}\ \Phi_{63}^6\ \Phi_{42}^4\ \Phi_{36}^{10}\ \Phi_{28}^{10}\ \Phi_{21}^6\ \Phi_{18}^7\ \Phi_{14}^4\ \Phi_{12}^{10}\ \Phi_9^8\ \Phi_7^6\ \Phi_6^6\ \Phi_4^{10}\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
156412	1930	216	$\frac{23}{216}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{6}$	$\Phi_{216}^{10}\ \Phi_{108}^{10}\ \Phi_{72}^{10}\ \Phi_{54}^4\ \Phi_{36}^{10}\ \Phi_{27}^6\ \Phi_{24}^{10}\ \Phi_{18}^7\ \Phi_{12}^{10}\ \Phi_9^8\ \Phi_8^{10}\ \Phi_6^6\ \Phi_4^{10}\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
156413	1930	882	$\frac{1}{9}$	$\frac{55}{441}$	$\frac{8}{63}$	$\frac{1}{6}$	$\Phi_{882}^3\ \Phi_{441}^2\ \Phi_{294}^3\ \Phi_{147}^2\ \Phi_{98}^3\ \Phi_{49}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
156414	1931	3088	$\frac{1}{386}$	$\frac{387}{1544}$	$\frac{1157}{3088}$	$\frac{385}{772}$	$\Phi_{3088}\ \Phi_{772}\ \Phi_{16}\ \Phi_4\ \Phi_1$
156415	1931	3840	$\frac{11}{1920}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1909}{3840}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{256}\ \Phi_{20}\ \Phi_4\ \Phi_1$
156416	1931	3840	$\frac{11}{1920}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1909}{3840}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{256}\ \Phi_{15}\ \Phi_3\ \Phi_1$
156417	1931	2580	$\frac{4}{645}$	$\frac{1}{5}$	$\frac{649}{2580}$	$\frac{641}{1290}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{645}\ \Phi_{516}\ \Phi_{215}\ \Phi_{172}\ \Phi_{129}\ \Phi_{60}\ \Phi_{43}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
156418	1931	2150	$\frac{4}{215}$	$\frac{219}{2150}$	$\frac{1}{5}$	$\frac{211}{430}$	$\Phi_{2150}\ \Phi_{1075}\ \Phi_{215}\ \Phi_{50}\ \Phi_{43}\ \Phi_{25}\ \Phi_1$
156419	1931	3780	$\frac{41}{1890}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1849}{3780}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{108}\ \Phi_{84}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
156420	1931	1980	$\frac{49}{1980}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
156421	1931	2880	$\frac{11}{960}$	$\frac{1}{10}$	$\frac{949}{2880}$	$\frac{9}{20}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{576}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
156422	1931	1960	$\frac{29}{1960}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{70}\ \Phi_{56}\ \Phi_{49}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$
156423	1931	2560	$\frac{11}{640}$	$\frac{1}{10}$	$\frac{629}{2560}$	$\frac{9}{20}$	$\Phi_{2560}\ \Phi_{1280}\ \Phi_{512}\ \Phi_{256}\ \Phi_{20}\ \Phi_4\ \Phi_1$
156424	1931	2400	$\frac{11}{480}$	$\frac{1}{10}$	$\frac{469}{2400}$	$\frac{9}{20}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
156425	1931	1980	$\frac{49}{1980}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_1$
156426	1931	2240	$\frac{11}{320}$	$\frac{1}{10}$	$\frac{309}{2240}$	$\frac{9}{20}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_7\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156427	1931	2000	$\frac{69}{2000}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
156428	1931	2160	$\frac{11}{240}$	$\frac{1}{10}$	$\frac{229}{2160}$	$\frac{9}{20}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
156429	1931	2040	$\frac{109}{2040}$	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_4\ \Phi_1$
156430	1931	2080	$\frac{11}{160}$	$\frac{149}{2080}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_4\ \Phi_1$
156431	1931	3440	$\frac{4}{215}$	$\frac{211}{1720}$	$\frac{1}{5}$	$\frac{1509}{3440}$	$\Phi_{3440}\ \Phi_{688}\ \Phi_{215}\ \Phi_{80}\ \Phi_{43}\ \Phi_{16}\ \Phi_1$
156432	1931	1950	$\frac{19}{1950}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{390}\ \Phi_{325}\ \Phi_{195}\ \Phi_{150}\ \Phi_{130}\ \Phi_{78}\ \Phi_{75}\ \Phi_{65}\ \Phi_{50}\ \Phi_{39}\ \Phi_{26}\ \Phi_{25}\ \Phi_{15}\ \Phi_{13}\ \Phi_3\ \Phi_1$
156433	1931	2880	$\frac{11}{960}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{949}{2880}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{576}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
156434	1931	2835	$\frac{41}{945}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{904}{2835}$	$\Phi_{2835}\ \Phi_{567}\ \Phi_{405}\ \Phi_{81}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
156435	1931	2025	$\frac{94}{2025}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{135}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{405}\ \Phi_{225}\ \Phi_{81}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
156436	1931	2400	$\frac{11}{480}$	$\frac{469}{2400}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{15}\ \Phi_3\ \Phi_1$
156437	1931	1980	$\frac{49}{1980}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{15}\ \Phi_{11}\ \Phi_9\ \Phi_3\ \Phi_1$
156438	1931	2160	$\frac{11}{240}$	$\frac{229}{2160}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
156439	1931	2040	$\frac{109}{2040}$	$\frac{11}{120}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{15}\ \Phi_3\ \Phi_1$
156440	1931	2580	$\frac{4}{215}$	$\frac{1}{5}$	$\frac{211}{860}$	$\frac{649}{2580}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{645}\ \Phi_{516}\ \Phi_{258}\ \Phi_{215}\ \Phi_{129}\ \Phi_{60}\ \Phi_{43}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
156441	1931	2520	$\frac{41}{630}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{589}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}\ \Phi_{60}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
156442	1931	2160	$\frac{4}{45}$	$\frac{229}{2160}$	$\frac{41}{270}$	$\frac{1}{5}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
156443	1931	2205	$\frac{4}{45}$	$\frac{274}{2205}$	$\frac{41}{315}$	$\frac{1}{5}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{441}\ \Phi_{245}\ \Phi_{147}\ \Phi_{49}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
156444	1932	2892	$\frac{1}{482}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{481}{964}$	$\Phi_{2892}\ \Phi_{964}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
156445	1932	1605	$\frac{1}{321}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{160}{321}$	$\Phi_{1605}\ \Phi_{535}\ \Phi_{321}^2\ \Phi_{107}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
156446	1932	1284	$\frac{1}{321}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{160}{321}$	$\Phi_{1284}^2\ \Phi_{642}^2\ \Phi_{428}^2\ \Phi_{214}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
156447	1932	1931	$\frac{7}{1931}$	$\frac{323}{1931}$	$\frac{804}{1931}$	$\frac{962}{1931}$	$\Phi_{1931}\ \Phi_1^2$
156448	1932	3300	$\frac{1}{275}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{137}{275}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{300}\ \Phi_{275}\ \Phi_{220}\ \Phi_{132}\ \Phi_{100}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
156449	1932	2475	$\frac{1}{275}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{137}{275}$	$\Phi_{2475}\ \Phi_{495}\ \Phi_{275}\ \Phi_{225}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{25}\ \Phi_{11}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
156450	1932	860	$\frac{1}{215}$	$\frac{1}{4}$	$\frac{54}{215}$	$\frac{107}{215}$	$\Phi_{860}^3\ \Phi_{430}^3\ \Phi_{172}^3\ \Phi_{86}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_4^2\ \Phi_2^2$
156451	1932	1931	$\frac{9}{1931}$	$\frac{482}{1931}$	$\frac{485}{1931}$	$\frac{961}{1931}$	$\Phi_{1931}\ \Phi_1^2$
156452	1932	2901	$\frac{5}{967}$	$\frac{162}{967}$	$\frac{1}{3}$	$\frac{481}{967}$	Φ_{2901}
156453	1932	3520	$\frac{1}{160}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{159}{320}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}^2\ \Phi_{64}^2\ \Phi_{11}\ \Phi_1^2$
156454	1932	6720	$\frac{1}{160}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{159}{320}$	$\Phi_{6720}\ \Phi_{1344}\ \Phi_{21}$
156455	1932	3520	$\frac{1}{160}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{159}{320}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}^2\ \Phi_{64}^2\ \Phi_{11}\ \Phi_1^2$
156456	1932	320	$\frac{1}{160}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{159}{320}$	$\Phi_{320}^{12}\ \Phi_{64}^{12}\ \Phi_{20}\ \Phi_{10}$
156457	1932	1781	$\frac{1}{137}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{68}{137}$	$\Phi_{1781}\ \Phi_{137}^2\ \Phi_{13}^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156458	1932	3288	$\frac{1}{137}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{68}{137}$	$\Phi_{3288}\ \Phi_{1644}\ \Phi_{822}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
156459	1932	1548	$\frac{1}{129}$	$\frac{65}{387}$	$\frac{1}{4}$	$\frac{64}{129}$	$\Phi_{1548}^2\ \Phi_{774}^2\ \Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{86}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
156460	1932	1931	$\frac{15}{1931}$	$\frac{139}{1931}$	$\frac{896}{1931}$	$\frac{958}{1931}$	$\Phi_{1931}\ \Phi_1^2$
156461	1932	2216	$\frac{3}{277}$	$\frac{1}{8}$	$\frac{70}{277}$	$\frac{137}{277}$	$\Phi_{2216}\ \Phi_{1108}\ \Phi_{554}$
156462	1932	3640	$\frac{1}{91}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{45}{91}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{280}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
156463	1932	910	$\frac{1}{91}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{45}{91}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{182}^2\ \Phi_{130}^2\ \Phi_{91}^3\ \Phi_{70}^2\ \Phi_{65}^2\ \Phi_{35}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^3\ \Phi_{10}^4\ \Phi_7^3\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
156464	1932	728	$\frac{1}{91}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{45}{91}$	$\Phi_{728}^3\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{104}^3\ \Phi_{91}^3\ \Phi_{56}^3\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^3\ \Phi_8^6\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
156465	1932	2275	$\frac{1}{91}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{45}{91}$	$\Phi_{2275}\ \Phi_{325}\ \Phi_{175}\ \Phi_{91}\ \Phi_{25}^2\ \Phi_{13}\ \Phi_7\ \Phi_1^2$
156466	1932	3652	$\frac{1}{83}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{41}{83}$	$\Phi_{3652}\ \Phi_{332}\ \Phi_{83}\ \Phi_{44}^2\ \Phi_4^2\ \Phi_1^2$
156467	1932	2739	$\frac{1}{83}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{41}{83}$	$\Phi_{2739}\ \Phi_{249}\ \Phi_{83}\ \Phi_{33}^2\ \Phi_3^2\ \Phi_1^2$
156468	1932	4134	$\frac{2}{159}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{157}{318}$	$\Phi_{4134}\ \Phi_{1378}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
156469	1932	1931	$\frac{25}{1931}$	$\frac{206}{1931}$	$\frac{489}{1931}$	$\frac{953}{1931}$	$\Phi_{1931}\ \Phi_1^2$
156470	1932	2901	$\frac{13}{967}$	$\frac{70}{967}$	$\frac{1}{3}$	$\frac{477}{967}$	Φ_{2901}
156471	1932	3672	$\frac{1}{68}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{67}{136}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{216}\ \Phi_{136}^2\ \Phi_{72}\ \Phi_{27}\ \Phi_{24}\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
156472	1932	2040	$\frac{1}{68}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{67}{136}$	$\Phi_{2040}^2\ \Phi_{680}^2\ \Phi_{408}\ \Phi_{136}^2\ \Phi_{120}^2\ \Phi_{40}^2\ \Phi_{24}\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
156473	1932	1224	$\frac{1}{68}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{67}{136}$	$\Phi_{1224}^3\ \Phi_{408}^3\ \Phi_{136}^4\ \Phi_{72}^3\ \Phi_{24}^3\ \Phi_9^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
156474	1932	680	$\frac{1}{68}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{67}{136}$	$\Phi_{680}^3\ \Phi_{340}^4\ \Phi_{170}^4\ \Phi_{85}^4\ \Phi_{40}^4\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^4$
156475	1932	1931	$\frac{29}{1931}$	$\frac{140}{1931}$	$\frac{597}{1931}$	$\frac{951}{1931}$	$\Phi_{1931}\ \Phi_1^2$
156476	1932	2216	$\frac{5}{277}$	$\frac{1}{8}$	$\frac{47}{277}$	$\frac{136}{277}$	$\Phi_{2216}\ \Phi_{1108}\ \Phi_{554}$
156477	1932	2808	$\frac{1}{54}$	$\frac{1}{13}$	$\frac{55}{216}$	$\frac{53}{108}$	$\Phi_{2808}\ \Phi_{936}\ \Phi_{702}\ \Phi_{351}\ \Phi_{312}\ \Phi_{234}\ \Phi_{117}\ \Phi_{104}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
156478	1932	1931	$\frac{37}{1931}$	$\frac{229}{1931}$	$\frac{328}{1931}$	$\frac{947}{1931}$	$\Phi_{1931}\ \Phi_1^2$
156479	1932	2580	$\frac{13}{645}$	$\frac{47}{645}$	$\frac{1}{4}$	$\frac{316}{645}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{860}\ \Phi_{516}\ \Phi_{430}\ \Phi_{258}\ \Phi_{172}\ \Phi_{86}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
156480	1932	4730	$\frac{10}{473}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{463}{946}$	$\Phi_{4730}\ \Phi_{430}\ \Phi_{110}\ \Phi_{55}\ \Phi_{10}$
156481	1932	1845	$\frac{1}{45}$	$\frac{1}{41}$	$\frac{20}{41}$	$\frac{22}{45}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{369}\ \Phi_{205}\ \Phi_{123}\ \Phi_{45}^2\ \Phi_{41}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
156482	1932	990	$\frac{1}{45}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^3\ \Phi_{55}^2\ \Phi_{33}^3\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^3\ \Phi_2^2$
156483	1932	1845	$\frac{1}{45}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{22}{45}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{369}\ \Phi_{205}\ \Phi_{123}\ \Phi_{45}^2\ \Phi_{41}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
156484	1932	180	$\frac{1}{45}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{22}{45}$	$\Phi_{180}^{14}\ \Phi_{90}^{14}\ \Phi_{60}^{15}\ \Phi_{36}^{14}\ \Phi_{30}^{15}\ \Phi_{20}^{15}\ \Phi_{18}^{14}\ \Phi_{12}^{15}\ \Phi_{10}^{15}\ \Phi_6^{15}\ \Phi_4^{14}\ \Phi_2^{14}$
156485	1932	1845	$\frac{1}{45}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{22}{45}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{369}\ \Phi_{205}\ \Phi_{123}\ \Phi_{45}^2\ \Phi_{41}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
156486	1932	2520	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{22}{45}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{420}\ \Phi_{280}\ \Phi_{252}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{126}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2$
156487	1932	1931	$\frac{43}{1931}$	$\frac{47}{1931}$	$\frac{942}{1931}$	$\frac{944}{1931}$	$\Phi_{1931}\ \Phi_1^2$
156488	1932	880	$\frac{1}{44}$	$\frac{15}{176}$	$\frac{1}{5}$	$\frac{43}{88}$	$\Phi_{880}^3\ \Phi_{440}^2\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{80}^3\ \Phi_{55}^3\ \Phi_{40}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^2$
156489	1932	172	$\frac{1}{43}$	$\frac{11}{172}$	$\frac{1}{4}$	$\frac{21}{43}$	$\Phi_{172}^{11}\ \Phi_{86}^{11}\ \Phi_{43}^{12}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{12}$
156490	1932	984	$\frac{1}{41}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{20}{41}$	$\Phi_{984}^2\ \Phi_{492}^2\ \Phi_{328}^2\ \Phi_{246}^2\ \Phi_{164}^2\ \Phi_{123}\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
156491	1932	1230	$\frac{1}{41}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{20}{41}$	$\Phi_{1230}^2\ \Phi_{615}\ \Phi_{410}^2\ \Phi_{246}^2\ \Phi_{205}\ \Phi_{123}\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{30}^4\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
156492	1932	1025	$\frac{1}{41}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{20}{41}$	$\Phi_{1025}^2\ \Phi_{205}\ \Phi_{41}^2\ \Phi_{25}^4\ \Phi_5^2\ \Phi_1^4$
156493	1932	1107	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{20}{41}$	$\Phi_{1107}^2\ \Phi_{369}\ \Phi_{123}\ \Phi_{41}^2\ \Phi_{27}^4\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156494	1932	1931	$\frac{57}{1931}$	$\frac{71}{1931}$	$\frac{620}{1931}$	$\frac{937}{1931}$	$\Phi_{1931}\ \Phi_1^2$
156495	1932	312	$\frac{5}{156}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{151}{312}$	$\Phi_{312}^{12}\ \Phi_{104}^{12}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}^{12}\ \Phi_8^{12}$
156496	1932	682	$\frac{1}{31}$	$\frac{1}{22}$	$\frac{8}{31}$	$\frac{15}{31}$	$\Phi_{682}^3\ \Phi_{341}^3\ \Phi_{62}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_2^2$
156497	1932	2040	$\frac{3}{85}$	$\frac{1}{24}$	$\frac{22}{85}$	$\frac{41}{85}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}\ \Phi_{120}\ \Phi_{102}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{34}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
156498	1932	2085	$\frac{5}{139}$	$\frac{1}{15}$	$\frac{24}{139}$	$\frac{67}{139}$	$\Phi_{2085}\ \Phi_{695}\ \Phi_{417}$
156499	1932	1931	$\frac{71}{1931}$	$\frac{143}{1931}$	$\frac{298}{1931}$	$\frac{930}{1931}$	$\Phi_{1931}\ \Phi_1^2$
156500	1932	918	$\frac{1}{34}$	$\frac{1}{27}$	$\frac{11}{34}$	$\frac{13}{27}$	$\Phi_{918}^2\ \Phi_{459}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{54}^2\ \Phi_{51}^2\ \Phi_{34}^4\ \Phi_{27}^3\ \Phi_{18}^2\ \Phi_{17}^4\ \Phi_9^3\ \Phi_6^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
156501	1932	216	$\frac{1}{27}$	$\frac{1}{24}$	$\frac{1}{4}$	$\frac{13}{27}$	$\Phi_{216}^9\ \Phi_{108}^8\ \Phi_{72}^9\ \Phi_{54}^8\ \Phi_{36}^8\ \Phi_{27}^9\ \Phi_{24}^{12}\ \Phi_{18}^8\ \Phi_{12}^{11}\ \Phi_9^9\ \Phi_8^{12}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
156502	1932	2295	$\frac{1}{27}$	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{13}{27}$	$\Phi_{2295}\ \Phi_{765}\ \Phi_{255}\ \Phi_{135}\ \Phi_{85}^2\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
156503	1932	1931	$\frac{73}{1931}$	$\frac{167}{1931}$	$\frac{252}{1931}$	$\frac{929}{1931}$	$\Phi_{1931}\ \Phi_1^2$
156504	1932	2216	$\frac{11}{277}$	$\frac{24}{277}$	$\frac{1}{8}$	$\frac{133}{277}$	$\Phi_{2216}\ \Phi_{1108}\ \Phi_{554}$
156505	1932	2261	$\frac{13}{323}$	$\frac{24}{323}$	$\frac{1}{7}$	$\frac{155}{323}$	$\Phi_{2261}\ \Phi_{133}\ \Phi_{119}$
156506	1932	1931	$\frac{79}{1931}$	$\frac{114}{1931}$	$\frac{335}{1931}$	$\frac{926}{1931}$	$\Phi_{1931}\ \Phi_1^2$
156507	1932	860	$\frac{8}{215}$	$\frac{9}{215}$	$\frac{1}{4}$	$\frac{103}{215}$	$\Phi_{860}^3\ \Phi_{430}^3\ \Phi_{172}^3\ \Phi_{86}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_4^2\ \Phi_2^2$
156508	1932	1931	$\frac{68}{1931}$	$\frac{81}{1931}$	$\frac{503}{1931}$	$\frac{925}{1931}$	$\Phi_{1931}\ \Phi_1^2$
156509	1932	2901	$\frac{24}{967}$	$\frac{41}{967}$	$\frac{1}{3}$	$\frac{463}{967}$	Φ_{2901}
156510	1932	5676	$\frac{1}{43}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{5676}\ \Phi_{516}\ \Phi_{129}$
156511	1932	3652	$\frac{2}{83}$	$\frac{1}{22}$	$\frac{27}{83}$	$\frac{21}{44}$	$\Phi_{3652}\ \Phi_{332}\ \Phi_{83}\ \Phi_{44}^2\ \Phi_4^2\ \Phi_1^2$
156512	1932	1276	$\frac{1}{29}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{1276}\ \Phi_{638}^2\ \Phi_{319}^2\ \Phi_{116}^2\ \Phi_{58}^3\ \Phi_{29}^2$
156513	1932	3652	$\frac{3}{83}$	$\frac{1}{22}$	$\frac{20}{83}$	$\frac{21}{44}$	$\Phi_{3652}\ \Phi_{332}\ \Phi_{83}\ \Phi_{44}^2\ \Phi_4^2\ \Phi_1^2$
156514	1932	220	$\frac{1}{22}$	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{220}^{21}\ \Phi_{110}\ \Phi_{55}\ \Phi_{20}^{21}\ \Phi_{10}$
156515	1932	3652	$\frac{1}{22}$	$\frac{5}{83}$	$\frac{13}{83}$	$\frac{21}{44}$	$\Phi_{3652}\ \Phi_{332}\ \Phi_{83}\ \Phi_{44}^2\ \Phi_4^2\ \Phi_1^2$
156516	1932	4620	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{21}{44}$	$\Phi_{4620}\ \Phi_{1540}\ \Phi_{924}\ \Phi_{420}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{35}\ \Phi_{21}$
156517	1932	3652	$\frac{1}{22}$	$\frac{6}{83}$	$\frac{11}{83}$	$\frac{21}{44}$	$\Phi_{3652}\ \Phi_{332}\ \Phi_{83}\ \Phi_{44}^2\ \Phi_4^2\ \Phi_1^2$
156518	1932	1144	$\frac{1}{22}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{21}{44}$	$\Phi_{1144}^2\ \Phi_{572}\ \Phi_{286}^2\ \Phi_{143}^2\ \Phi_{104}^3\ \Phi_{52}^2\ \Phi_{26}^3\ \Phi_{13}^2$
156519	1932	1931	$\frac{62}{1931}$	$\frac{89}{1931}$	$\frac{505}{1931}$	$\frac{921}{1931}$	$\Phi_{1931}\ \Phi_1^2$
156520	1932	2901	$\frac{22}{967}$	$\frac{45}{967}$	$\frac{1}{3}$	$\frac{461}{967}$	Φ_{2901}
156521	1932	1931	$\frac{44}{1931}$	$\frac{93}{1931}$	$\frac{629}{1931}$	$\frac{919}{1931}$	$\Phi_{1931}\ \Phi_1^2$
156522	1932	5640	$\frac{1}{47}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{5640}\ \Phi_{1128}\ \Phi_{141}$
156523	1932	3640	$\frac{3}{91}$	$\frac{1}{20}$	$\frac{22}{91}$	$\frac{19}{40}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{280}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
156524	1932	120	$\frac{1}{24}$	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{120}^{17}\ \Phi_{60}^{17}\ \Phi_{40}^{13}\ \Phi_{30}^{17}\ \Phi_{24}^{16}\ \Phi_{20}^{17}\ \Phi_{15}^{17}\ \Phi_{12}^{16}\ \Phi_{10}^{17}\ \Phi_8^{12}\ \Phi_6^{16}\ \Phi_5^{16}\ \Phi_4^{16}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{16}$
156525	1932	1960	$\frac{1}{20}$	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{19}{40}$	$\Phi_{1960}^2\ \Phi_{392}^2\ \Phi_{280}\ \Phi_{56}\ \Phi_{49}^2\ \Phi_{40}^2\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
156526	1932	520	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{19}{40}$	$\Phi_{520}^7\ \Phi_{104}^7\ \Phi_{40}^8\ \Phi_{26}^4\ \Phi_{13}^3\ \Phi_8^8\ \Phi_2^4\ \Phi_1^4$
156527	1932	2142	$\frac{8}{153}$	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{145}{306}$	$\Phi_{2142}^2\ \Phi_{714}^2\ \Phi_{238}^2\ \Phi_{126}^2\ \Phi_{119}\ \Phi_{42}^2\ \Phi_{14}^2$
156528	1932	3978	$\frac{8}{153}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{145}{306}$	$\Phi_{3978}\ \Phi_{1326}\ \Phi_{442}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
156529	1932	1197	$\frac{1}{19}$	$\frac{10}{171}$	$\frac{1}{7}$	$\frac{9}{19}$	$\Phi_{1197}^2\ \Phi_{399}^2\ \Phi_{133}\ \Phi_{63}^2\ \Phi_{21}^2$
156530	1932	2340	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{19}{180}$	$\frac{17}{36}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{390}\ \Phi_{260}\ \Phi_{234}\ \Phi_{195}\ \Phi_{130}\ \Phi_{117}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156531	1932	408	$\frac{1}{24}$	$\frac{1}{17}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{408}^5\ \Phi_{204}^5\ \Phi_{136}^5\ \Phi_{102}^5\ \Phi_{68}^5\ \Phi_{51}^5\ \Phi_{34}^5\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_{8}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4$
156532	1932	1190	$\frac{9}{170}$	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{8}{17}$	$\Phi_{1190}^2\ \Phi_{595}^2\ \Phi_{238}^2\ \Phi_{119}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{14}^2$
156533	1932	2128	$\frac{1}{19}$	$\frac{9}{152}$	$\frac{1}{7}$	$\frac{143}{304}$	$\Phi_{2128}^2\ \Phi_{133}\ \Phi_{112}^2$
156534	1932	3770	$\frac{1}{29}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{61}{130}$	$\Phi_{3770}\ \Phi_{754}\ \Phi_{290}\ \Phi_{145}\ \Phi_{58}$
156535	1932	660	$\frac{4}{165}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{220}^4\ \Phi_{132}^4\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{60}^3\ \Phi_{44}^4\ \Phi_{30}^3\ \Phi_{22}^4\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{2}^2$
156536	1932	1931	$\frac{69}{1931}$	$\frac{133}{1931}$	$\frac{344}{1931}$	$\frac{899}{1931}$	$\Phi_{1931}\ \Phi_{1}^2$
156537	1932	172	$\frac{1}{43}$	$\frac{3}{43}$	$\frac{1}{4}$	$\frac{20}{43}$	$\Phi_{172}^{15}\ \Phi_{86}^{15}\ \Phi_{4}^{14}\ \Phi_{2}^{14}$
156538	1932	812	$\frac{1}{29}$	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{812}^2\ \Phi_{406}^3\ \Phi_{203}^3\ \Phi_{116}^2\ \Phi_{58}^3\ \Phi_{29}^2$
156539	1932	2730	$\frac{1}{70}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{546}\ \Phi_{390}\ \Phi_{273}\ \Phi_{210}^2\ \Phi_{195}\ \Phi_{105}^2\ \Phi_{78}\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{6}^2$
156540	1932	1781	$\frac{2}{137}$	$\frac{1}{13}$	$\frac{45}{137}$	$\frac{6}{13}$	$\Phi_{1781}\ \Phi_{137}^2\ \Phi_{13}^2\ \Phi_{1}^4$
156541	1932	2444	$\frac{1}{47}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{2444}\ \Phi_{1222}\ \Phi_{188}^2\ \Phi_{94}^2$
156542	1932	1781	$\frac{5}{137}$	$\frac{1}{13}$	$\frac{22}{137}$	$\frac{6}{13}$	$\Phi_{1781}\ \Phi_{137}^2\ \Phi_{13}^2\ \Phi_{1}^4$
156543	1932	2184	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2$
156544	1932	2640	$\frac{1}{80}$	$\frac{1}{11}$	$\frac{79}{240}$	$\frac{5}{11}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}^2\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
156545	1932	1804	$\frac{3}{164}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{1804}\ \Phi_{902}\ \Phi_{451}\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{11}\ \Phi_{1}^2$
156546	1932	165	$\frac{4}{165}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{165}^{12}\ \Phi_{55}^{11}\ \Phi_{33}^{12}\ \Phi_{15}^{12}\ \Phi_{11}^{12}\ \Phi_{5}^{10}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
156547	1932	2200	$\frac{1}{40}$	$\frac{1}{11}$	$\frac{39}{200}$	$\frac{5}{11}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{200}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{11}\ \Phi_{1}^2$
156548	1932	2112	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{31}{192}$	$\frac{5}{11}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}^2\ \Phi_{132}\ \Phi_{96}^2\ \Phi_{66}\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
156549	1932	880	$\frac{3}{80}$	$\frac{1}{11}$	$\frac{11}{80}$	$\frac{5}{11}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{176}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{80}^4\ \Phi_{55}^2\ \Phi_{44}^4\ \Phi_{40}^4\ \Phi_{22}^2\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{11}^3\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{5}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
156550	1932	264	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{11}$	$\Phi_{264}^7\ \Phi_{132}^7\ \Phi_{88}^6\ \Phi_{66}^7\ \Phi_{44}^6\ \Phi_{33}^7\ \Phi_{24}^{14}\ \Phi_{22}^6\ \Phi_{12}^{14}\ \Phi_{11}^7\ \Phi_{8}^{12}\ \Phi_{6}^{14}\ \Phi_{4}^{12}\ \Phi_{3}^{14}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
156551	1932	1980	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{19}{180}$	$\frac{5}{11}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{198}\ \Phi_{180}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{99}\ \Phi_{90}^2\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
156552	1932	1870	$\frac{9}{170}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{11}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{374}\ \Phi_{187}\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{11}\ \Phi_{1}^2$
156553	1932	176	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{176}^{11}\ \Phi_{88}^{11}\ \Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_{16}^{10}\ \Phi_{11}^{12}\ \Phi_{8}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
156554	1932	3570	$\frac{1}{85}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{3570}\ \Phi_{1190}\ \Phi_{714}\ \Phi_{510}\ \Phi_{255}\ \Phi_{238}\ \Phi_{210}\ \Phi_{170}\ \Phi_{102}\ \Phi_{70}\ \Phi_{51}\ \Phi_{34}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
156555	1932	1218	$\frac{1}{29}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{1218}^3\ \Phi_{406}^3\ \Phi_{203}\ \Phi_{174}^3\ \Phi_{58}^3$
156556	1932	1931	$\frac{23}{1931}$	$\frac{185}{1931}$	$\frac{636}{1931}$	$\frac{873}{1931}$	$\Phi_{1931}\ \Phi_{1}^2$
156557	1932	880	$\frac{1}{44}$	$\frac{43}{440}$	$\frac{1}{5}$	$\frac{397}{880}$	$\Phi_{880}^4\ \Phi_{220}\ \Phi_{176}^4\ \Phi_{110}\ \Phi_{80}^4\ \Phi_{55}\ \Phi_{20}\ \Phi_{16}^4\ \Phi_{10}$
156558	1932	2320	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{11}{80}$	$\frac{9}{20}$	$\Phi_{2320}\ \Phi_{1160}\ \Phi_{464}\ \Phi_{290}\ \Phi_{232}\ \Phi_{145}\ \Phi_{58}$
156559	1932	2030	$\frac{1}{70}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{406}\ \Phi_{290}\ \Phi_{203}\ \Phi_{145}\ \Phi_{58}$
156560	1932	2021	$\frac{1}{47}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	Φ_{2021}
156561	1932	3744	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{17}{144}$	$\frac{127}{288}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
156562	1932	1931	$\frac{47}{1931}$	$\frac{231}{1931}$	$\frac{314}{1931}$	$\frac{850}{1931}$	$\Phi_{1931}\ \Phi_{1}^2$
156563	1932	2720	$\frac{1}{85}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{2720}\ \Phi_{680}\ \Phi_{544}\ \Phi_{340}\ \Phi_{170}\ \Phi_{160}\ \Phi_{136}\ \Phi_{68}\ \Phi_{40}\ \Phi_{34}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156564	1932	2040	$\frac{1}{24}$	$\frac{8}{85}$	$\frac{11}{85}$	$\frac{37}{85}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}\ \Phi_{120}\ \Phi_{102}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{34}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
156565	1932	1931	$\frac{76}{1931}$	$\frac{183}{1931}$	$\frac{265}{1931}$	$\frac{833}{1931}$	$\Phi_{1931}\ \Phi_{1}^{2}$
156566	1932	2261	$\frac{8}{323}$	$\frac{45}{323}$	$\frac{1}{7}$	$\frac{139}{323}$	$\Phi_{2261}\ \Phi_{133}\ \Phi_{119}$
156567	1932	1931	$\frac{34}{1931}$	$\frac{271}{1931}$	$\frac{367}{1931}$	$\frac{830}{1931}$	$\Phi_{1931}\ \Phi_{1}^{2}$
156568	1932	2580	$\frac{8}{645}$	$\frac{91}{645}$	$\frac{1}{4}$	$\frac{277}{645}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{860}\ \Phi_{516}\ \Phi_{430}\ \Phi_{258}\ \Phi_{172}\ \Phi_{86}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
156569	1932	1931	$\frac{20}{1931}$	$\frac{273}{1931}$	$\frac{551}{1931}$	$\frac{829}{1931}$	$\Phi_{1931}\ \Phi_{1}^{2}$
156570	1932	2901	$\frac{8}{967}$	$\frac{137}{967}$	$\frac{1}{3}$	$\frac{415}{967}$	Φ_{2901}
156571	1932	1931	$\frac{48}{1931}$	$\frac{269}{1931}$	$\frac{277}{1931}$	$\frac{827}{1931}$	$\Phi_{1931}\ \Phi_{1}^{2}$
156572	1932	680	$\frac{1}{85}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{680}^{5}\ \Phi_{340}\ \Phi_{170}\ \Phi_{136}^{5}\ \Phi_{68}\ \Phi_{40}^{4}\ \Phi_{34}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}^{4}$
156573	1932	1160	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{1160}^{3}\ \Phi_{290}\ \Phi_{232}^{3}\ \Phi_{145}\ \Phi_{58}$
156574	1932	2040	$\frac{1}{24}$	$\frac{7}{85}$	$\frac{13}{85}$	$\frac{36}{85}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}\ \Phi_{120}\ \Phi_{102}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{34}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
156575	1932	1931	$\frac{77}{1931}$	$\frac{160}{1931}$	$\frac{309}{1931}$	$\frac{811}{1931}$	$\Phi_{1931}\ \Phi_{1}^{2}$
156576	1932	2216	$\frac{7}{277}$	$\frac{1}{8}$	$\frac{45}{277}$	$\frac{116}{277}$	$\Phi_{2216}\ \Phi_{1108}\ \Phi_{554}$
156577	1932	1668	$\frac{1}{139}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{1668}^{2}\ \Phi_{556}^{2}\ \Phi_{417}$
156578	1932	3300	$\frac{2}{275}$	$\frac{1}{6}$	$\frac{91}{275}$	$\frac{5}{12}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{300}\ \Phi_{275}\ \Phi_{220}\ \Phi_{132}\ \Phi_{100}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
156579	1932	372	$\frac{1}{93}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{372}^{4}\ \Phi_{186}^{7}\ \Phi_{124}^{4}\ \Phi_{93}^{6}\ \Phi_{62}^{7}\ \Phi_{31}^{6}\ \Phi_{12}^{3}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
156580	1932	3300	$\frac{3}{275}$	$\frac{1}{6}$	$\frac{68}{275}$	$\frac{5}{12}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{300}\ \Phi_{275}\ \Phi_{220}\ \Phi_{132}\ \Phi_{100}\ \Phi_{60}\ \Phi_{55}\ \Phi_{44}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
156581	1932	420	$\frac{1}{70}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{420}^{8}\ \Phi_{140}^{8}\ \Phi_{84}^{8}\ \Phi_{70}^{4}\ \Phi_{60}^{7}\ \Phi_{35}^{4}\ \Phi_{28}^{8}\ \Phi_{20}^{7}\ \Phi_{14}^{4}\ \Phi_{12}^{8}\ \Phi_{10}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{8}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
156582	1932	660	$\frac{1}{55}$	$\frac{9}{55}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{660}^{5}\ \Phi_{220}^{5}\ \Phi_{132}^{5}\ \Phi_{60}^{5}\ \Phi_{55}^{5}\ \Phi_{44}^{5}\ \Phi_{20}^{5}\ \Phi_{12}^{6}\ \Phi_{11}^{5}\ \Phi_{5}^{5}\ \Phi_{4}^{6}\ \Phi_{1}^{6}$
156583	1932	3948	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3948}\ \Phi_{1316}\ \Phi_{329}$
156584	1932	1716	$\frac{5}{143}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1716}^{2}\ \Phi_{572}^{2}\ \Phi_{156}^{2}\ \Phi_{143}^{2}\ \Phi_{132}\ \Phi_{52}^{2}\ \Phi_{44}\ \Phi_{13}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
156585	1932	300	$\frac{1}{25}$	$\frac{2}{25}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{300}^{11}\ \Phi_{100}^{11}\ \Phi_{60}^{11}\ \Phi_{25}^{11}\ \Phi_{20}^{11}\ \Phi_{12}^{12}\ \Phi_{5}^{11}\ \Phi_{4}^{12}\ \Phi_{1}^{12}$
156586	1932	312	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{312}^{7}\ \Phi_{156}^{6}\ \Phi_{104}^{7}\ \Phi_{78}^{7}\ \Phi_{52}^{6}\ \Phi_{39}^{7}\ \Phi_{26}^{7}\ \Phi_{13}^{6}$
156587	1932	3510	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{26}{135}$	$\frac{109}{270}$	$\Phi_{3510}\ \Phi_{1170}\ \Phi_{702}\ \Phi_{390}\ \Phi_{351}\ \Phi_{234}\ \Phi_{130}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
156588	1932	810	$\frac{1}{162}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{810}^{2}\ \Phi_{405}^{2}\ \Phi_{270}^{2}\ \Phi_{162}^{4}\ \Phi_{135}^{2}\ \Phi_{90}^{2}\ \Phi_{81}^{4}\ \Phi_{54}^{4}\ \Phi_{45}^{2}\ \Phi_{30}^{2}\ \Phi_{27}^{4}\ \Phi_{18}^{4}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
156589	1932	1390	$\frac{1}{139}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{1390}^{2}\ \Phi_{695}\ \Phi_{278}^{2}$
156590	1932	1300	$\frac{3}{325}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1300}^{2}\ \Phi_{650}^{2}\ \Phi_{260}^{2}\ \Phi_{130}^{2}\ \Phi_{100}^{2}\ \Phi_{52}^{2}\ \Phi_{50}^{2}\ \Phi_{26}^{2}\ \Phi_{20}\ \Phi_{10}$
156591	1932	1070	$\frac{1}{107}$	$\frac{1}{5}$	$\frac{53}{214}$	$\frac{2}{5}$	$\Phi_{1070}^{2}\ \Phi_{535}\ \Phi_{214}^{4}\ \Phi_{107}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
156592	1932	535	$\frac{2}{107}$	$\frac{15}{107}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{535}^{3}\ \Phi_{107}^{6}\ \Phi_{5}^{4}\ \Phi_{1}^{8}$
156593	1932	1880	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{470}\ \Phi_{376}^{2}\ \Phi_{188}^{2}\ \Phi_{94}^{2}$
156594	1932	1605	$\frac{13}{321}$	$\frac{22}{321}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1605}\ \Phi_{535}\ \Phi_{321}^{2}\ \Phi_{107}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
156595	1932	120	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{120}^{17}\ \Phi_{60}^{17}\ \Phi_{40}^{17}\ \Phi_{30}^{17}\ \Phi_{24}^{16}\ \Phi_{20}^{17}\ \Phi_{15}^{11}\ \Phi_{12}^{16}\ \Phi_{10}^{17}\ \Phi_{8}^{16}\ \Phi_{6}^{16}\ \Phi_{5}^{12}\ \Phi_{4}^{16}\ \Phi_{3}^{10}\ \Phi_{2}^{16}\ \Phi_{1}^{12}$
156596	1932	2106	$\frac{1}{162}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{702}\ \Phi_{351}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
156597	1932	3248	$\frac{1}{29}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{3248}\ \Phi_{464}\ \Phi_{406}\ \Phi_{203}\ \Phi_{58}$
156598	1932	408	$\frac{1}{24}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{408}^{5}\ \Phi_{204}^{5}\ \Phi_{136}^{5}\ \Phi_{102}^{5}\ \Phi_{68}^{5}\ \Phi_{51}^{5}\ \Phi_{34}\ \Phi_{24}^{4}\ \Phi_{17}^{4}\ \Phi_{12}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156599	1932	516	$\frac{1}{129}$	$\frac{32}{129}$	$\frac{1}{4}$	$\frac{97}{258}$	$\Phi_{516}^5\ \Phi_{258}\ \Phi_{172}^5\ \Phi_{129}^4\ \Phi_{86}\ \Phi_{43}^4\ \Phi_{12}^5\ \Phi_6\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
156600	1932	2440	$\frac{5}{488}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2440}\ \Phi_{1220}\ \Phi_{610}\ \Phi_{305}\ \Phi_{20}\ \Phi_{10}$
156601	1932	3060	$\frac{1}{85}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{180}\ \Phi_{170}\ \Phi_{102}$ $\Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{34}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
156602	1932	1931	$\frac{27}{1931}$	$\frac{272}{1931}$	$\frac{553}{1931}$	$\frac{689}{1931}$	$\Phi_{1931}\ \Phi_1^2$
156603	1932	2021	$\frac{1}{47}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	Φ_{2021}
156604	1932	1931	$\frac{55}{1931}$	$\frac{134}{1931}$	$\frac{599}{1931}$	$\frac{666}{1931}$	$\Phi_{1931}\ \Phi_1^2$
156605	1932	2040	$\frac{1}{24}$	$\frac{4}{85}$	$\frac{27}{85}$	$\frac{29}{85}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}$ $\Phi_{120}\ \Phi_{102}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{34}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
156606	1932	1931	$\frac{80}{1931}$	$\frac{91}{1931}$	$\frac{617}{1931}$	$\frac{657}{1931}$	$\Phi_{1931}\ \Phi_1^2$
156607	1932	2085	$\frac{4}{139}$	$\frac{1}{15}$	$\frac{45}{139}$	$\frac{47}{139}$	$\Phi_{2085}\ \Phi_{695}\ \Phi_{417}$
156608	1932	1931	$\frac{38}{1931}$	$\frac{183}{1931}$	$\frac{631}{1931}$	$\frac{650}{1931}$	$\Phi_{1931}\ \Phi_1^2$
156609	1932	2216	$\frac{4}{277}$	$\frac{1}{8}$	$\frac{91}{277}$	$\frac{93}{277}$	$\Phi_{2216}\ \Phi_{1108}\ \Phi_{554}$
156610	1932	1210	$\frac{1}{121}$	$\frac{1}{5}$	$\frac{40}{121}$	$\frac{81}{242}$	$\Phi_{1210}^3\ \Phi_{605}\ \Phi_{110}^3\ \Phi_{55}\ \Phi_{10}^3$
156611	1932	1931	$\frac{8}{1931}$	$\frac{641}{1931}$	$\frac{643}{1931}$	$\frac{645}{1931}$	$\Phi_{1931}\ \Phi_1^2$
156612	1932	2901	$\frac{4}{967}$	$\frac{321}{967}$	$\frac{1}{3}$	$\frac{323}{967}$	Φ_{2901}
156613	1932	723	$\frac{1}{241}$	$\frac{80}{241}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{723}^2\ \Phi_{241}^4\ \Phi_3^3\ \Phi_1^6$
156614	1932	324	$\frac{1}{162}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{324}^8\ \Phi_{162}^4\ \Phi_{108}^8\ \Phi_{81}^4\ \Phi_{54}^4\ \Phi_{36}^8\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{12}^7\ \Phi_9^4\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4$ $\Phi_2^2\ \Phi_1^4$
156615	1932	1251	$\frac{1}{139}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1251}^2\ \Phi_{417}$
156616	1932	723	$\frac{3}{241}$	$\frac{34}{241}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{723}^2\ \Phi_{241}^4\ \Phi_3^3\ \Phi_1^6$
156617	1932	840	$\frac{1}{70}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^4\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}^4\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2$ $\Phi_{56}^4\ \Phi_{42}\ \Phi_{40}^4\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^4\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}^2$ $\Phi_8^2\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
156618	1932	723	$\frac{10}{241}$	$\frac{11}{241}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{723}^2\ \Phi_{241}^4\ \Phi_3^3\ \Phi_1^6$
156619	1932	264	$\frac{1}{24}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{264}^8\ \Phi_{132}^8\ \Phi_{88}^8\ \Phi_{66}^7\ \Phi_{44}^8\ \Phi_{33}^7\ \Phi_{24}^4\ \Phi_{22}^6\ \Phi_{12}^4\ \Phi_{11}^6\ \Phi_8^4\ \Phi_6^3\ \Phi_4^4$ $\Phi_3^4\ \Phi_2^2\ \Phi_1^4$
156620	1932	3852	$\frac{2}{321}$	$\frac{1}{4}$	$\frac{319}{963}$	$\frac{1}{3}$	$\Phi_{3852}\ \Phi_{1926}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
156621	1932	2475	$\frac{2}{275}$	$\frac{2}{9}$	$\frac{91}{275}$	$\frac{1}{3}$	$\Phi_{2475}\ \Phi_{495}\ \Phi_{275}\ \Phi_{225}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{25}\ \Phi_{11}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
156622	1932	1680	$\frac{1}{80}$	$\frac{1}{7}$	$\frac{79}{240}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}^2\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}^2\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{112}^2$ $\Phi_{105}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2$
156623	1932	3288	$\frac{2}{137}$	$\frac{1}{8}$	$\frac{45}{137}$	$\frac{1}{3}$	$\Phi_{3288}\ \Phi_{1644}\ \Phi_{822}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
156624	1932	2901	$\frac{19}{967}$	$\frac{93}{967}$	$\frac{316}{967}$	$\frac{1}{3}$	Φ_{2901}
156625	1932	510	$\frac{1}{34}$	$\frac{1}{15}$	$\frac{11}{34}$	$\frac{1}{3}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{170}^4\ \Phi_{102}^2\ \Phi_{85}^4\ \Phi_{51}^2\ \Phi_{34}^4\ \Phi_{30}^4\ \Phi_{17}^4\ \Phi_{15}^6\ \Phi_{10}^4\ \Phi_6^2$ $\Phi_5^6\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
156626	1932	2901	$\frac{40}{967}$	$\frac{47}{967}$	$\frac{309}{967}$	$\frac{1}{3}$	Φ_{2901}
156627	1932	2970	$\frac{2}{45}$	$\frac{1}{22}$	$\frac{43}{135}$	$\frac{1}{3}$	$\Phi_{2970}\ \Phi_{1485}\ \Phi_{594}\ \Phi_{297}\ \Phi_{270}\ \Phi_{66}\ \Phi_{54}\ \Phi_{33}\ \Phi_6$
156628	1932	984	$\frac{1}{24}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{1}{3}$	$\Phi_{984}^2\ \Phi_{492}^2\ \Phi_{328}^2\ \Phi_{246}^2\ \Phi_{164}^2\ \Phi_{123}\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^4$ $\Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
156629	1932	2901	$\frac{29}{967}$	$\frac{67}{967}$	$\frac{300}{967}$	$\frac{1}{3}$	Φ_{2901}
156630	1932	1419	$\frac{1}{43}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{1419}\ \Phi_{473}^2\ \Phi_{129}^2\ \Phi_{43}^2$
156631	1932	1410	$\frac{1}{47}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{1410}^2\ \Phi_{705}^2\ \Phi_{282}^2\ \Phi_{141}^3$
156632	1932	2901	$\frac{15}{967}$	$\frac{136}{967}$	$\frac{277}{967}$	$\frac{1}{3}$	Φ_{2901}
156633	1932	1284	$\frac{1}{107}$	$\frac{53}{214}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1284}^3\ \Phi_{642}\ \Phi_{321}^2\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156634	1932	1116	$\frac{1}{93}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1116}^3\ \Phi_{558}^3\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{62}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
156635	1932	3444	$\frac{3}{164}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3444}\ \Phi_{1722}\ \Phi_{861}\ \Phi_{21}$
156636	1932	1284	$\frac{2}{107}$	$\frac{15}{107}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1284}^3\ \Phi_{642}^3\ \Phi_{12}^4\ \Phi_6^4$
156637	1932	1128	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1128}^3\ \Phi_{564}^2\ \Phi_{282}^2\ \Phi_{141}^3$
156638	1932	1284	$\frac{13}{321}$	$\frac{22}{321}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1284}^2\ \Phi_{642}^2\ \Phi_{428}^2\ \Phi_{214}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
156639	1932	120	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{120}^{18}\ \Phi_{60}^{16}\ \Phi_{40}^{18}\ \Phi_{30}^{16}\ \Phi_{24}^{12}\ \Phi_{20}^{16}\ \Phi_{15}^{18}\ \Phi_{12}^{11}\ \Phi_{10}^{16}\ \Phi_8^{12}\ \Phi_6^{11}\ \Phi_5^{18}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{10}\ \Phi_1^{12}$
156640	1932	2475	$\frac{3}{275}$	$\frac{2}{9}$	$\frac{68}{275}$	$\frac{1}{3}$	$\Phi_{2475}\ \Phi_{495}\ \Phi_{275}\ \Phi_{225}\ \Phi_{99}\ \Phi_{55}\ \Phi_{45}\ \Phi_{25}\ \Phi_{11}\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
156641	1932	330	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{330}^6\ \Phi_{165}^6\ \Phi_{110}^6\ \Phi_{66}^7\ \Phi_{55}^6\ \Phi_{33}^7\ \Phi_{30}^2\ \Phi_{22}^6\ \Phi_{15}^4\ \Phi_{11}^6\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
156642	1932	630	$\frac{1}{70}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{630}^4\ \Phi_{315}^4\ \Phi_{126}^4\ \Phi_{90}^4\ \Phi_{70}^4\ \Phi_{63}^4\ \Phi_{45}^3\ \Phi_{35}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
156643	1932	495	$\frac{1}{55}$	$\frac{9}{55}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{495}^5\ \Phi_{99}^5\ \Phi_{55}^5\ \Phi_{45}^5\ \Phi_{11}^5\ \Phi_9^6\ \Phi_5^5\ \Phi_1^6$
156644	1932	2961	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2961}\ \Phi_{329}$
156645	1932	1287	$\frac{5}{143}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1287}^2\ \Phi_{143}^2\ \Phi_{117}^2\ \Phi_{99}\ \Phi_{13}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_1^2$
156646	1932	225	$\frac{1}{25}$	$\frac{2}{25}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{225}^{11}\ \Phi_{45}^{11}\ \Phi_{25}^{11}\ \Phi_9^{12}\ \Phi_5^{11}\ \Phi_1^{12}$
156647	1932	936	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{936}^3\ \Phi_{468}^3\ \Phi_{312}\ \Phi_{234}^3\ \Phi_{156}\ \Phi_{117}^2\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
156648	1932	198	$\frac{1}{22}$	$\frac{7}{99}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{198}^{10}\ \Phi_{99}^9\ \Phi_{66}^{11}\ \Phi_{33}^{10}\ \Phi_{22}^{10}\ \Phi_{18}^{10}\ \Phi_{11}^9\ \Phi_9^{10}\ \Phi_6^{11}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{10}$
156649	1932	3525	$\frac{1}{47}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3525}\ \Phi_{141}$
156650	1932	1155	$\frac{4}{165}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1155}^2\ \Phi_{385}^2\ \Phi_{231}^2\ \Phi_{105}\ \Phi_{77}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_7^2$
156651	1932	1650	$\frac{1}{22}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1650}^2\ \Phi_{825}^2\ \Phi_{330}\ \Phi_{165}\ \Phi_{150}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{30}\ \Phi_6^2$
156652	1932	4200	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{39}{200}$	$\frac{1}{3}$	$\Phi_{4200}\ \Phi_{2100}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{21}$
156653	1932	255	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{16}{85}$	$\frac{1}{3}$	$\Phi_{255}^7\ \Phi_{85}^8\ \Phi_{51}^8\ \Phi_{17}^8\ \Phi_{15}^9\ \Phi_5^{10}\ \Phi_3^9\ \Phi_1^{10}$
156654	1932	1344	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{31}{192}$	$\frac{1}{3}$	$\Phi_{1344}^2\ \Phi_{672}\ \Phi_{448}^2\ \Phi_{336}\ \Phi_{224}^2\ \Phi_{168}\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2$
156655	1932	3288	$\frac{5}{137}$	$\frac{1}{8}$	$\frac{22}{137}$	$\frac{1}{3}$	$\Phi_{3288}\ \Phi_{1644}\ \Phi_{822}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
156656	1932	2901	$\frac{37}{967}$	$\frac{116}{967}$	$\frac{155}{967}$	$\frac{1}{3}$	Φ_{2901}
156657	1932	594	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{594}^4\ \Phi_{297}^4\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{66}^3\ \Phi_{54}^4\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_6^3\ \Phi_2^2$
156658	1932	984	$\frac{1}{24}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{3}$	$\Phi_{984}^2\ \Phi_{492}^2\ \Phi_{328}^2\ \Phi_{246}^2\ \Phi_{164}^2\ \Phi_{123}\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
156659	1932	2901	$\frac{36}{967}$	$\frac{133}{967}$	$\frac{139}{967}$	$\frac{1}{3}$	Φ_{2901}
156660	1932	1680	$\frac{3}{80}$	$\frac{11}{80}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1680}^2\ \Phi_{840}^2\ \Phi_{420}^2\ \Phi_{336}^2\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{21}^3$
156661	1932	168	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{168}^{13}\ \Phi_{84}^{13}\ \Phi_{56}^{14}\ \Phi_{42}^{13}\ \Phi_{28}^{14}\ \Phi_{21}^{14}\ \Phi_{14}^{14}\ \Phi_7^{14}$
156662	1932	1260	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2$
156663	1932	3570	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{3570}\ \Phi_{1785}\ \Phi_{714}\ \Phi_{357}\ \Phi_{21}$
156664	1932	3696	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{3696}\ \Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{231}\ \Phi_{21}$
156665	1932	2310	$\frac{1}{22}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{385}\ \Phi_{231}\ \Phi_{210}\ \Phi_{154}\ \Phi_{77}\ \Phi_{70}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{14}\ \Phi_6$
156666	1932	2640	$\frac{1}{80}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{79}{240}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}^2\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
156667	1932	240	$\frac{1}{80}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{79}{240}$	$\Phi_{240}^{12}\ \Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{48}^{12}\ \Phi_{30}^{12}\ \Phi_{24}^{12}\ \Phi_{20}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_{10}\ \Phi_6^{12}\ \Phi_3^{12}$
156668	1932	2739	$\frac{2}{83}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{27}{83}$	$\Phi_{2739}\ \Phi_{249}\ \Phi_{83}\ \Phi_{33}^2\ \Phi_3^2\ \Phi_1^2$
156669	1932	306	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{11}{34}$	$\Phi_{306}^6\ \Phi_{153}^6\ \Phi_{102}^6\ \Phi_{51}^6\ \Phi_{34}^8\ \Phi_{18}^6\ \Phi_{17}^8\ \Phi_9^9\ \Phi_6^6\ \Phi_3^9\ \Phi_2^8\ \Phi_1^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156670	1932	680	$\frac{1}{34}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{11}{34}$	$\Phi_{680}^4\ \Phi_{340}^4\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{40}^5\ \Phi_{20}^5\ \Phi_{10}^3\ \Phi_5^2$
156671	1932	1931	$\frac{65}{1931}$	$\frac{187}{1931}$	$\frac{436}{1931}$	$\frac{622}{1931}$	$\Phi_{1931}\ \Phi_1^2$
156672	1932	2216	$\frac{10}{277}$	$\frac{1}{8}$	$\frac{47}{277}$	$\frac{89}{277}$	$\Phi_{2216}\ \Phi_{1108}\ \Phi_{554}$
156673	1932	1931	$\frac{74}{1931}$	$\frac{229}{1931}$	$\frac{328}{1931}$	$\frac{619}{1931}$	$\Phi_{1931}\ \Phi_1^2$
156674	1932	2420	$\frac{19}{484}$	$\frac{47}{484}$	$\frac{1}{5}$	$\frac{155}{484}$	$\Phi_{2420}\ \Phi_{1210}\ \Phi_{605}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{20}\ \Phi_{10}$
156675	1932	540	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{43}{135}$	$\Phi_{540}^7\ \Phi_{270}^7\ \Phi_{108}^7\ \Phi_{60}\ \Phi_{54}^7\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
156676	1932	880	$\frac{1}{22}$	$\frac{15}{176}$	$\frac{1}{5}$	$\frac{7}{22}$	$\Phi_{880}^3\ \Phi_{440}^3\ \Phi_{220}^3\ \Phi_{110}\ \Phi_{80}^3\ \Phi_{55}\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}$
156677	1932	1230	$\frac{2}{41}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{13}{41}$	$\Phi_{1230}^2\ \Phi_{615}\ \Phi_{410}^2\ \Phi_{246}^2\ \Phi_{205}\ \Phi_{123}\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{30}^4\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
156678	1932	1025	$\frac{2}{41}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{13}{41}$	$\Phi_{1025}^2\ \Phi_{205}\ \Phi_{41}^2\ \Phi_{25}^4\ \Phi_5^2\ \Phi_1^4$
156679	1932	1107	$\frac{2}{41}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{13}{41}$	$\Phi_{1107}^2\ \Phi_{369}\ \Phi_{123}\ \Phi_{41}^2\ \Phi_{27}^4\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
156680	1932	357	$\frac{1}{17}$	$\frac{5}{51}$	$\frac{1}{7}$	$\frac{16}{51}$	$\Phi_{357}^6\ \Phi_{119}^7\ \Phi_{21}^6\ \Phi_7^6$
156681	1932	234	$\frac{5}{78}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{73}{234}$	$\Phi_{234}^{12}\ \Phi_{117}^{12}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}\ \Phi_{18}^{12}\ \Phi_9^{12}$
156682	1932	2700	$\frac{31}{675}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{900}\ \Phi_{540}\ \Phi_{450}\ \Phi_{300}\ \Phi_{270}\ \Phi_{150}\ \Phi_{108}\ \Phi_{100}\ \Phi_{60}\ \Phi_{54}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
156683	1932	3828	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{3828}\ \Phi_{1914}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{58}$
156684	1932	2739	$\frac{3}{83}$	$\frac{1}{11}$	$\frac{20}{83}$	$\frac{10}{33}$	$\Phi_{2739}\ \Phi_{249}\ \Phi_{83}\ \Phi_{33}^2\ \Phi_3^2\ \Phi_1^2$
156685	1932	330	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{330}^{11}\ \Phi_{165}^{10}\ \Phi_{110}\ \Phi_{55}\ \Phi_{30}^{11}\ \Phi_{15}^{10}\ \Phi_{10}$
156686	1932	2739	$\frac{5}{83}$	$\frac{1}{11}$	$\frac{13}{83}$	$\frac{10}{33}$	$\Phi_{2739}\ \Phi_{249}\ \Phi_{83}\ \Phi_{33}^2\ \Phi_3^2\ \Phi_1^2$
156687	1932	1155	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{10}{33}$	$\Phi_{1155}^2\ \Phi_{385}^2\ \Phi_{231}\ \Phi_{105}^3\ \Phi_{77}^2\ \Phi_{35}^3\ \Phi_{21}^2\ \Phi_7^2$
156688	1932	2739	$\frac{6}{83}$	$\frac{1}{11}$	$\frac{11}{83}$	$\frac{10}{33}$	$\Phi_{2739}\ \Phi_{249}\ \Phi_{83}\ \Phi_{33}^2\ \Phi_3^2\ \Phi_1^2$
156689	1932	3432	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{10}{33}$	$\Phi_{3432}\ \Phi_{1716}\ \Phi_{858}\ \Phi_{312}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}$
156690	1932	910	$\frac{3}{91}$	$\frac{1}{10}$	$\frac{22}{91}$	$\frac{3}{10}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{182}^2\ \Phi_{130}^2\ \Phi_{91}^3\ \Phi_{70}^2\ \Phi_{65}^2\ \Phi_{35}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^3\ \Phi_{10}^4\ \Phi_7^3\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
156691	1932	870	$\frac{1}{29}$	$\frac{1}{10}$	$\frac{7}{30}$	$\frac{3}{10}$	$\Phi_{870}^3\ \Phi_{435}^3\ \Phi_{290}\ \Phi_{174}^3\ \Phi_{145}\ \Phi_{87}^3\ \Phi_{58}$
156692	1932	120	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{120}^{17}\ \Phi_{60}^{17}\ \Phi_{40}^{17}\ \Phi_{30}^{17}\ \Phi_{24}^{16}\ \Phi_{20}^{17}\ \Phi_{15}^{17}\ \Phi_{12}^{16}\ \Phi_{10}^9\ \Phi_8^{16}\ \Phi_6^{16}\ \Phi_5^8\ \Phi_4^{16}\ \Phi_3^{16}\ \Phi_2^8\ \Phi_1^8$
156693	1932	490	$\frac{3}{49}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{10}$	$\Phi_{490}^4\ \Phi_{245}^4\ \Phi_{98}^4\ \Phi_{70}^2\ \Phi_{49}^6\ \Phi_{35}^2\ \Phi_{14}^2\ \Phi_{10}^4\ \Phi_7^3\ \Phi_5^4\ \Phi_2^4\ \Phi_1^6$
156694	1932	130	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{3}{26}$	$\frac{3}{10}$	$\Phi_{130}^{14}\ \Phi_{65}^{14}\ \Phi_{26}^{18}\ \Phi_{13}^{17}\ \Phi_{10}^{16}\ \Phi_5^{16}\ \Phi_2^{20}\ \Phi_1^{20}$
156695	1932	3213	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{1}{7}$	$\frac{137}{459}$	$\Phi_{3213}\ \Phi_{189}\ \Phi_{119}$
156696	1932	1931	$\frac{59}{1931}$	$\frac{209}{1931}$	$\frac{468}{1931}$	$\frac{574}{1931}$	$\Phi_{1931}\ \Phi_1^2$
156697	1932	408	$\frac{1}{24}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{408}^5\ \Phi_{204}^5\ \Phi_{136}^5\ \Phi_{102}^5\ \Phi_{68}^5\ \Phi_{51}^5\ \Phi_{34}^5\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4$
156698	1932	1596	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{1}{7}$	$\frac{67}{228}$	$\Phi_{1596}^2\ \Phi_{798}^2\ \Phi_{399}^2\ \Phi_{133}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{21}^2$
156699	1932	1931	$\frac{69}{1931}$	$\frac{266}{1931}$	$\frac{344}{1931}$	$\frac{555}{1931}$	$\Phi_{1931}\ \Phi_1^2$
156700	1932	2420	$\frac{15}{484}$	$\frac{67}{484}$	$\frac{1}{5}$	$\frac{139}{484}$	$\Phi_{2420}\ \Phi_{1210}\ \Phi_{605}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{20}\ \Phi_{10}$
156701	1932	516	$\frac{1}{43}$	$\frac{6}{43}$	$\frac{1}{4}$	$\frac{37}{129}$	$\Phi_{516}^7\ \Phi_{258}^7\ \Phi_{172}\ \Phi_{86}\ \Phi_{12}^7\ \Phi_6^7$
156702	1932	812	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{812}^3\ \Phi_{406}^3\ \Phi_{203}\ \Phi_{116}^3\ \Phi_{58}^3$
156703	1932	1804	$\frac{3}{164}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{1804}\ \Phi_{902}\ \Phi_{451}\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{11}\ \Phi_1^2$
156704	1932	165	$\frac{4}{165}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{165}^{12}\ \Phi_{55}^{11}\ \Phi_{33}^{12}\ \Phi_{15}^{12}\ \Phi_{11}^{12}\ \Phi_5^{10}\ \Phi_3^{12}\ \Phi_1^{12}$
156705	1932	2200	$\frac{1}{40}$	$\frac{2}{11}$	$\frac{39}{200}$	$\frac{3}{11}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{200}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{11}\ \Phi_1^2$
156706	1932	2112	$\frac{1}{32}$	$\frac{31}{192}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{264}\ \Phi_{192}^2\ \Phi_{132}\ \Phi_{96}^2\ \Phi_{66}\ \Phi_{64}^2\ \Phi_{48}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156707	1932	880	$\frac{3}{80}$	$\frac{11}{80}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}^2\ \Phi_{176}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{80}^4\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^4\ \Phi_{22}^2\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{11}^3\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{5}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
156708	1932	264	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{264}^7\ \Phi_{132}^7\ \Phi_{88}^6\ \Phi_{66}^7\ \Phi_{44}^6\ \Phi_{33}^7\ \Phi_{24}^{14}\ \Phi_{22}^6\ \Phi_{12}^{14}\ \Phi_{11}^7\ \Phi_{8}^{12}\ \Phi_{6}^{14}\ \Phi_{4}^{12}\ \Phi_{3}^{14}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
156709	1932	1980	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{198}\ \Phi_{180}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{99}\ \Phi_{90}^2\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
156710	1932	1870	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{374}\ \Phi_{187}\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{11}\ \Phi_{1}^2$
156711	1932	176	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{176}^{11}\ \Phi_{88}^{11}\ \Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_{16}^{10}\ \Phi_{11}^{12}\ \Phi_{8}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
156712	1932	220	$\frac{1}{44}$	$\frac{43}{220}$	$\frac{1}{5}$	$\frac{59}{220}$	$\Phi_{220}^9\ \Phi_{110}^9\ \Phi_{55}^9\ \Phi_{44}^8\ \Phi_{22}^8\ \Phi_{20}^9\ \Phi_{11}^8\ \Phi_{10}^9\ \Phi_{5}^8\ \Phi_{4}^8\ \Phi_{2}^8\ \Phi_{1}^8$
156713	1932	1931	$\frac{62}{1931}$	$\frac{267}{1931}$	$\frac{416}{1931}$	$\frac{505}{1931}$	$\Phi_{1931}\ \Phi_{1}^2$
156714	1932	2040	$\frac{1}{24}$	$\frac{9}{85}$	$\frac{19}{85}$	$\frac{22}{85}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}\ \Phi_{120}\ \Phi_{102}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{34}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
156715	1932	682	$\frac{1}{22}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{8}{31}$	$\Phi_{682}^3\ \Phi_{341}^3\ \Phi_{62}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{2}^2$
156716	1932	2808	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{17}{72}$	$\frac{55}{216}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
156717	1932	1931	$\frac{75}{1931}$	$\frac{206}{1931}$	$\frac{464}{1931}$	$\frac{489}{1931}$	$\Phi_{1931}\ \Phi_{1}^2$
156718	1932	2216	$\frac{9}{277}$	$\frac{1}{8}$	$\frac{67}{277}$	$\frac{70}{277}$	$\Phi_{2216}\ \Phi_{1108}\ \Phi_{554}$
156719	1932	820	$\frac{3}{164}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{820}^3\ \Phi_{410}^3\ \Phi_{205}^3\ \Phi_{20}\ \Phi_{10}$
156720	1932	640	$\frac{3}{160}$	$\frac{1}{5}$	$\frac{157}{640}$	$\frac{1}{4}$	$\Phi_{640}^4\ \Phi_{320}^4\ \Phi_{128}^4\ \Phi_{64}^4\ \Phi_{20}\ \Phi_{10}$
156721	1932	728	$\frac{3}{91}$	$\frac{1}{8}$	$\frac{22}{91}$	$\frac{1}{4}$	$\Phi_{728}^3\ \Phi_{364}^2\ \Phi_{182}^2\ \Phi_{104}^3\ \Phi_{91}^3\ \Phi_{56}^3\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^3\ \Phi_{8}^6\ \Phi_{7}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
156722	1932	516	$\frac{5}{129}$	$\frac{14}{129}$	$\frac{31}{129}$	$\frac{1}{4}$	$\Phi_{516}^5\ \Phi_{258}^5\ \Phi_{172}^5\ \Phi_{86}^5\ \Phi_{12}^5\ \Phi_{6}^5\ \Phi_{4}^4\ \Phi_{2}^4$
156723	1932	60	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{1}{4}$	$\Phi_{60}^{43}\ \Phi_{30}^{15}\ \Phi_{20}^{43}\ \Phi_{15}^{28}\ \Phi_{12}^{43}\ \Phi_{10}^{15}\ \Phi_{6}^{15}\ \Phi_{5}^{28}\ \Phi_{4}^{42}\ \Phi_{3}^{28}\ \Phi_{2}^{14}\ \Phi_{1}^{28}$
156724	1932	172	$\frac{11}{172}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{1}{4}$	$\Phi_{172}^{11}\ \Phi_{86}^{11}\ \Phi_{43}^{12}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
156725	1932	72	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{72}^{27}\ \Phi_{36}^{24}\ \Phi_{24}^{30}\ \Phi_{18}^{24}\ \Phi_{12}^{27}\ \Phi_{9}^{27}\ \Phi_{8}^{30}\ \Phi_{6}^{27}\ \Phi_{4}^{26}\ \Phi_{3}^{30}\ \Phi_{2}^{26}\ \Phi_{1}^{30}$
156726	1932	2580	$\frac{22}{645}$	$\frac{89}{645}$	$\frac{139}{645}$	$\frac{1}{4}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{860}\ \Phi_{516}\ \Phi_{430}\ \Phi_{258}\ \Phi_{172}\ \Phi_{86}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
156727	1932	660	$\frac{4}{165}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{220}^4\ \Phi_{132}^4\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{60}^4\ \Phi_{44}^4\ \Phi_{30}^4\ \Phi_{22}^4\ \Phi_{20}\ \Phi_{12}^4\ \Phi_{10}\ \Phi_{6}^4$
156728	1932	200	$\frac{1}{40}$	$\frac{39}{200}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{200}^{12}\ \Phi_{100}^{12}\ \Phi_{50}^{12}\ \Phi_{25}^{12}\ \Phi_{20}\ \Phi_{10}$
156729	1932	2480	$\frac{13}{496}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2480}\ \Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{155}\ \Phi_{20}\ \Phi_{10}$
156730	1932	960	$\frac{1}{32}$	$\frac{31}{192}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{960}^3\ \Phi_{480}^3\ \Phi_{320}^3\ \Phi_{240}^3\ \Phi_{120}^3\ \Phi_{60}^3\ \Phi_{30}^3\ \Phi_{20}\ \Phi_{15}^3\ \Phi_{10}$
156731	1932	500	$\frac{17}{500}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{500}^4\ \Phi_{250}^4\ \Phi_{125}^4\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{20}\ \Phi_{10}$
156732	1932	80	$\frac{3}{80}$	$\frac{11}{80}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{80}^{24}\ \Phi_{40}^{24}\ \Phi_{20}^{25}\ \Phi_{16}^{24}\ \Phi_{10}^{25}\ \Phi_{8}^{24}\ \Phi_{5}^{24}\ \Phi_{4}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{24}$
156733	1932	120	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{120}^{21}\ \Phi_{60}^{21}\ \Phi_{40}^{18}\ \Phi_{30}^{21}\ \Phi_{20}^{19}\ \Phi_{15}^{21}\ \Phi_{10}^{19}\ \Phi_{5}^{18}$
156734	1932	180	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}^{12}\ \Phi_{45}^{12}\ \Phi_{36}^{12}\ \Phi_{30}^{12}\ \Phi_{20}\ \Phi_{18}^{12}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_{10}\ \Phi_{9}^{12}\ \Phi_{6}^{12}\ \Phi_{3}^{12}$
156735	1932	340	$\frac{9}{170}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{340}^8\ \Phi_{170}^4\ \Phi_{85}^4\ \Phi_{68}^8\ \Phi_{34}^4\ \Phi_{20}\ \Phi_{17}^4\ \Phi_{10}$
156736	1932	2560	$\frac{29}{512}$	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2560}\ \Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{20}\ \Phi_{10}$
156737	1932	880	$\frac{1}{16}$	$\frac{15}{176}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{880}^3\ \Phi_{440}^3\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{55}^3\ \Phi_{20}\ \Phi_{10}$
156738	1932	300	$\frac{1}{15}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{300}^{10}\ \Phi_{150}^{10}\ \Phi_{100}^{8}\ \Phi_{60}^{6}\ \Phi_{50}^{8}\ \Phi_{30}^{6}\ \Phi_{20}^{5}\ \Phi_{12}^{6}\ \Phi_{10}^{5}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
156739	1932	520	$\frac{37}{520}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{520}^4\ \Phi_{260}^4\ \Phi_{130}^4\ \Phi_{104}^4\ \Phi_{65}^4\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{20}\ \Phi_{13}^4\ \Phi_{10}$
156740	1932	180	$\frac{1}{15}$	$\frac{19}{180}$	$\frac{7}{45}$	$\frac{1}{4}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^{11}\ \Phi_{45}^{12}\ \Phi_{36}^{10}\ \Phi_{30}^{11}\ \Phi_{20}^{11}\ \Phi_{18}^{10}\ \Phi_{15}^{12}\ \Phi_{12}^{11}\ \Phi_{10}^{11}\ \Phi_{9}^{12}\ \Phi_{6}^{11}\ \Phi_{5}^{12}\ \Phi_{4}^{10}\ \Phi_{3}^{12}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156741	1932	540	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{4}$	$\Phi_{540}^{6}\ \Phi_{270}^{6}\ \Phi_{180}^{3}\ \Phi_{108}^{4}\ \Phi_{90}^{3}\ \Phi_{60}^{4}\ \Phi_{54}^{4}\ \Phi_{36}^{2}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{18}^{2}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
156742	1932	392	$\frac{3}{49}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{392}^{6}\ \Phi_{196}^{4}\ \Phi_{98}^{4}\ \Phi_{56}^{3}\ \Phi_{49}^{6}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{6}\ \Phi_{7}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
156743	1932	420	$\frac{1}{15}$	$\frac{13}{105}$	$\frac{2}{15}$	$\frac{1}{4}$	$\Phi_{420}^{7}\ \Phi_{210}^{7}\ \Phi_{140}^{7}\ \Phi_{84}^{7}\ \Phi_{70}^{7}\ \Phi_{60}\ \Phi_{42}^{7}\ \Phi_{30}\ \Phi_{28}^{7}\ \Phi_{20}\ \Phi_{14}^{7}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
156744	1932	104	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{104}^{21}\ \Phi_{52}^{14}\ \Phi_{26}^{18}\ \Phi_{13}^{17}\ \Phi_{8}^{24}\ \Phi_{4}^{16}\ \Phi_{2}^{20}\ \Phi_{1}^{20}$
156745	1932	2275	$\frac{3}{91}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{22}{91}$	$\Phi_{2275}\ \Phi_{325}\ \Phi_{175}\ \Phi_{91}\ \Phi_{25}^{2}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}^{2}$
156746	1932	1330	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{29}{190}$	$\frac{9}{38}$	$\Phi_{1330}^{2}\ \Phi_{665}^{2}\ \Phi_{133}\ \Phi_{70}^{2}\ \Phi_{35}^{2}$
156747	1932	1230	$\frac{1}{15}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{7}{30}$	$\Phi_{1230}^{2}\ \Phi_{615}\ \Phi_{410}^{2}\ \Phi_{246}^{2}\ \Phi_{205}\ \Phi_{123}\ \Phi_{82}^{2}\ \Phi_{41}^{2}\ \Phi_{30}^{4}\ \Phi_{15}^{2}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
156748	1932	840	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{30}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{280}^{3}\ \Phi_{210}\ \Phi_{168}^{3}\ \Phi_{140}^{3}\ \Phi_{105}^{2}\ \Phi_{84}^{3}\ \Phi_{70}\ \Phi_{56}^{4}\ \Phi_{42}\ \Phi_{35}^{2}\ \Phi_{28}^{4}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}$
156749	1932	765	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{16}{85}$	$\frac{2}{9}$	$\Phi_{765}^{3}\ \Phi_{255}^{3}\ \Phi_{85}^{4}\ \Phi_{45}^{3}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{5}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
156750	1932	440	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{1}{5}$	$\frac{19}{88}$	$\Phi_{440}^{7}\ \Phi_{220}^{7}\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}^{7}\ \Phi_{20}^{7}\ \Phi_{10}$
156751	1932	1428	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{8}{51}$	$\frac{43}{204}$	$\Phi_{1428}^{2}\ \Phi_{714}^{2}\ \Phi_{476}^{2}\ \Phi_{238}^{2}\ \Phi_{119}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
156752	1932	600	$\frac{1}{24}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{600}^{4}\ \Phi_{300}^{4}\ \Phi_{200}^{4}\ \Phi_{150}^{4}\ \Phi_{120}\ \Phi_{100}^{4}\ \Phi_{75}^{4}\ \Phi_{60}\ \Phi_{50}^{4}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
156753	1932	680	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{16}{85}$	$\frac{1}{5}$	$\Phi_{680}^{3}\ \Phi_{340}^{3}\ \Phi_{170}^{3}\ \Phi_{136}^{4}\ \Phi_{68}^{4}\ \Phi_{40}^{4}\ \Phi_{34}^{4}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
156754	1932	1225	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1225}^{2}\ \Phi_{175}\ \Phi_{49}^{2}\ \Phi_{25}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
156755	1932	650	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{650}^{4}\ \Phi_{325}^{3}\ \Phi_{50}^{4}\ \Phi_{26}^{4}\ \Phi_{25}^{4}\ \Phi_{13}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
156756	1932	1025	$\frac{2}{25}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{1}{5}$	$\Phi_{1025}^{2}\ \Phi_{205}\ \Phi_{41}^{2}\ \Phi_{25}^{4}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
156757	1932	1400	$\frac{2}{25}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{1400}^{2}\ \Phi_{700}^{2}\ \Phi_{350}^{2}\ \Phi_{280}\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
156758	1932	357	$\frac{5}{51}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{3}{17}$	$\Phi_{357}^{7}\ \Phi_{119}^{5}\ \Phi_{21}^{7}\ \Phi_{7}^{4}$
156759	1932	1107	$\frac{1}{9}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{4}{27}$	$\Phi_{1107}^{2}\ \Phi_{369}\ \Phi_{123}\ \Phi_{41}^{2}\ \Phi_{27}^{4}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
156760	1932	1512	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{4}{27}$	$\Phi_{1512}^{2}\ \Phi_{756}^{2}\ \Phi_{504}\ \Phi_{378}^{2}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
156761	1933	3856	$\frac{5}{1928}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1923}{3856}$	$\Phi_{3856}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
156762	1933	2580	$\frac{2}{645}$	$\frac{647}{2580}$	$\frac{1}{3}$	$\frac{643}{1290}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{645}\ \Phi_{516}\ \Phi_{215}\ \Phi_{172}\ \Phi_{129}\ \Phi_{60}\ \Phi_{43}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
156763	1933	3312	$\frac{1}{276}$	$\frac{277}{1656}$	$\frac{1379}{3312}$	$\frac{275}{552}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{552}\ \Phi_{368}\ \Phi_{184}\ \Phi_{144}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
156764	1933	3852	$\frac{7}{1926}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1919}{3852}$	$\Phi_{3852}\ \Phi_{1284}\ \Phi_{428}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
156765	1933	2322	$\frac{2}{387}$	$\frac{389}{2322}$	$\frac{1}{3}$	$\frac{385}{774}$	$\Phi_{2322}\ \Phi_{1161}\ \Phi_{387}\ \Phi_{129}\ \Phi_{54}\ \Phi_{43}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
156766	1933	3840	$\frac{13}{1920}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1907}{3840}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{256}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
156767	1933	3840	$\frac{13}{1920}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1907}{3840}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{256}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
156768	1933	3840	$\frac{13}{1920}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1907}{3840}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{256}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
156769	1933	3680	$\frac{1}{92}$	$\frac{93}{1840}$	$\frac{1747}{3680}$	$\frac{91}{184}$	$\Phi_{3680}\ \Phi_{736}\ \Phi_{184}\ \Phi_{160}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
156770	1933	2760	$\frac{1}{92}$	$\frac{93}{920}$	$\frac{827}{2760}$	$\frac{91}{184}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{120}\ \Phi_{69}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
156771	1933	2208	$\frac{1}{92}$	$\frac{275}{2208}$	$\frac{93}{368}$	$\frac{91}{184}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{96}\ \Phi_{69}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
156772	1933	3696	$\frac{1}{84}$	$\frac{85}{1848}$	$\frac{1763}{3696}$	$\frac{83}{168}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{168}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
156773	1933	3816	$\frac{25}{1908}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1883}{3816}$	$\Phi_{3816}\ \Phi_{1272}\ \Phi_{424}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
156774	1933	3808	$\frac{29}{1904}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{1875}{3808}$	$\Phi_{3808}\ \Phi_{544}\ \Phi_{224}\ \Phi_{56}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
156775	1933	2064	$\frac{2}{129}$	$\frac{131}{2064}$	$\frac{1}{3}$	$\frac{127}{258}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{688}\ \Phi_{516}\ \Phi_{344}\ \Phi_{172}\ \Phi_{129}\ \Phi_{48}\ \Phi_{43}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156776	1933	2592	$\frac{11}{648}$	$\frac{1}{12}$	$\frac{659}{2592}$	$\frac{637}{1296}$	Φ_{2592} Φ_{864} Φ_{648} Φ_{324} Φ_{288} Φ_{216} Φ_{162} Φ_{108} Φ_{96} Φ_{81} Φ_{72} Φ_{54} Φ_{36} Φ_{32} Φ_{27} Φ_{24} Φ_{18} Φ_9 Φ_8 Φ_1
156777	1933	2112	$\frac{3}{176}$	$\frac{179}{2112}$	$\frac{1}{4}$	$\frac{173}{352}$	Φ_{2112} Φ_{1056} Φ_{704} Φ_{528} Φ_{264} Φ_{192} Φ_{176} Φ_{132} Φ_{96} Φ_{88} Φ_{66} Φ_{64} Φ_{48} Φ_{44} Φ_{33} Φ_{24} Φ_{22} Φ_{16} Φ_{12} Φ_{11} Φ_8 Φ_6 Φ_3 Φ_1
156778	1933	3784	$\frac{41}{1892}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1851}{3784}$	Φ_{3784} Φ_{344} Φ_{88} Φ_{44} Φ_{22} Φ_{11} Φ_8 Φ_1
156779	1933	3780	$\frac{43}{1890}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{1847}{3780}$	Φ_{3780} Φ_{1260} Φ_{756} Φ_{540} Φ_{420} Φ_{252} Φ_{180} Φ_{140} Φ_{108} Φ_{84} Φ_{60} Φ_{45} Φ_{36} Φ_{28} Φ_{20} Φ_{15} Φ_{12} Φ_9 Φ_5 Φ_4 Φ_1
156780	1933	3780	$\frac{43}{1890}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{1847}{3780}$	Φ_{3780} Φ_{1260} Φ_{756} Φ_{540} Φ_{420} Φ_{252} Φ_{180} Φ_{140} Φ_{108} Φ_{84} Φ_{63} Φ_{60} Φ_{36} Φ_{28} Φ_{20} Φ_{12} Φ_9 Φ_4 Φ_1
156781	1933	2604	$\frac{20}{651}$	$\frac{1}{21}$	$\frac{671}{2604}$	$\frac{631}{1302}$	Φ_{2604} Φ_{868} Φ_{651} Φ_{372} Φ_{217} Φ_{124} Φ_{93} Φ_{84} Φ_{31} Φ_{28} Φ_{12} Φ_4 Φ_1
156782	1933	3744	$\frac{61}{1872}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1811}{3744}$	Φ_{3744} Φ_{1248} Φ_{416} Φ_{288} Φ_{96} Φ_{72} Φ_{36} Φ_{32} Φ_{24} Φ_{18} Φ_9 Φ_8 Φ_1
156783	1933	2856	$\frac{29}{952}$	$\frac{1}{28}$	$\frac{923}{2856}$	$\frac{27}{56}$	Φ_{2856} Φ_{1428} Φ_{714} Φ_{408} Φ_{357} Φ_{204} Φ_{168} Φ_{102} Φ_{84} Φ_{56} Φ_{51} Φ_{42} Φ_{24} Φ_{21} Φ_{12} Φ_8 Φ_6 Φ_3 Φ_1
156784	1933	2016	$\frac{1}{28}$	$\frac{83}{2016}$	$\frac{29}{112}$	$\frac{27}{56}$	Φ_{2016} Φ_{1008} Φ_{672} Φ_{504} Φ_{336} Φ_{288} Φ_{252} Φ_{224} Φ_{168} Φ_{144} Φ_{126} Φ_{96} Φ_{84} Φ_{72} Φ_{63} Φ_{56} Φ_{48} Φ_{42} Φ_{36} Φ_{32} Φ_{24} Φ_{21} Φ_{18} Φ_{12} Φ_9 Φ_8 Φ_6 Φ_3 Φ_1
156785	1933	2052	$\frac{5}{114}$	$\frac{119}{2052}$	$\frac{1}{6}$	$\frac{109}{228}$	Φ_{2052} Φ_{1026} Φ_{684} Φ_{513} Φ_{342} Φ_{171} Φ_{114} Φ_{108} Φ_{57} Φ_{54} Φ_{38} Φ_{36} Φ_{27} Φ_{19} Φ_{18} Φ_9 Φ_1
156786	1933	1980	$\frac{47}{1980}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	Φ_{1980} Φ_{990} Φ_{660} Φ_{495} Φ_{396} Φ_{330} Φ_{220} Φ_{198} Φ_{180} Φ_{165} Φ_{132} Φ_{110} Φ_{99} Φ_{66} Φ_{60} Φ_{55} Φ_{45} Φ_{44} Φ_{36} Φ_{33} Φ_{22} Φ_{20} Φ_{15} Φ_{12} Φ_{11} Φ_9 Φ_5 Φ_4 Φ_1
156787	1933	3696	$\frac{3}{88}$	$\frac{85}{1848}$	$\frac{1}{4}$	$\frac{1763}{3696}$	Φ_{3696} Φ_{1232} Φ_{528} Φ_{336} Φ_{176} Φ_{112} Φ_{88} Φ_{48} Φ_{44} Φ_{22} Φ_{16} Φ_{11} Φ_8 Φ_1
156788	1933	2040	$\frac{5}{102}$	$\frac{107}{2040}$	$\frac{1}{6}$	$\frac{97}{204}$	Φ_{2040} Φ_{1020} Φ_{680} Φ_{510} Φ_{408} Φ_{340} Φ_{255} Φ_{170} Φ_{136} Φ_{120} Φ_{102} Φ_{85} Φ_{60} Φ_{51} Φ_{40} Φ_{34} Φ_{30} Φ_{24} Φ_{20} Φ_{17} Φ_{15} Φ_{10} Φ_8 Φ_5 Φ_1
156789	1933	3680	$\frac{1}{23}$	$\frac{93}{1840}$	$\frac{22}{115}$	$\frac{1747}{3680}$	Φ_{3680} Φ_{736} Φ_{160} Φ_{115} Φ_{32} Φ_5 Φ_1
156790	1933	2160	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{227}{2160}$	$\frac{205}{432}$	Φ_{2160} Φ_{1080} Φ_{720} Φ_{540} Φ_{360} Φ_{270} Φ_{240} Φ_{216} Φ_{180} Φ_{135} Φ_{120} Φ_{108} Φ_{90} Φ_{80} Φ_{72} Φ_{60} Φ_{54} Φ_{45} Φ_{40} Φ_{36} Φ_{30} Φ_{27} Φ_{24} Φ_{20} Φ_{18} Φ_{15} Φ_{10} Φ_9 Φ_8 Φ_5 Φ_1
156791	1933	3672	$\frac{5}{102}$	$\frac{97}{1836}$	$\frac{1}{6}$	$\frac{1739}{3672}$	Φ_{3672} Φ_{1224} Φ_{408} Φ_{216} Φ_{136} Φ_{102} Φ_{72} Φ_{51} Φ_{34} Φ_{24} Φ_{17} Φ_8 Φ_1
156792	1933	3672	$\frac{97}{1836}$	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1739}{3672}$	Φ_{3672} Φ_{1224} Φ_{408} Φ_{216} Φ_{136} Φ_{108} Φ_{72} Φ_{54} Φ_{36} Φ_{27} Φ_{24} Φ_{18} Φ_9 Φ_8 Φ_1
156793	1933	2346	$\frac{1}{23}$	$\frac{22}{391}$	$\frac{413}{2346}$	$\frac{369}{782}$	Φ_{2346} Φ_{1173} Φ_{391} Φ_{138} Φ_{102} Φ_{69} Φ_{51} Φ_{17} Φ_6 Φ_3 Φ_1
156794	1933	3648	$\frac{5}{114}$	$\frac{109}{1824}$	$\frac{1}{6}$	$\frac{1715}{3648}$	Φ_{3648} Φ_{1216} Φ_{192} Φ_{114} Φ_{64} Φ_{57} Φ_{38} Φ_{19} Φ_1
156795	1933	3640	$\frac{1}{28}$	$\frac{113}{1820}$	$\frac{27}{140}$	$\frac{1707}{3640}$	Φ_{3640} Φ_{728} Φ_{520} Φ_{280} Φ_{140} Φ_{104} Φ_{70} Φ_{56} Φ_{40} Φ_{35} Φ_{20} Φ_{10} Φ_8 Φ_5 Φ_1
156796	1933	2352	$\frac{1}{28}$	$\frac{27}{392}$	$\frac{419}{2352}$	$\frac{365}{784}$	Φ_{2352} Φ_{1176} Φ_{588} Φ_{392} Φ_{336} Φ_{294} Φ_{196} Φ_{168} Φ_{147} Φ_{98} Φ_{84} Φ_{56} Φ_{49} Φ_{48} Φ_{42} Φ_{24} Φ_{21} Φ_{12} Φ_8 Φ_6 Φ_3 Φ_1
156797	1933	3612	$\frac{2}{129}$	$\frac{127}{1806}$	$\frac{1}{3}$	$\frac{1679}{3612}$	Φ_{3612} Φ_{1204} Φ_{516} Φ_{172} Φ_{129} Φ_{84} Φ_{43} Φ_{28} Φ_{12} Φ_4 Φ_1
156798	1933	2880	$\frac{13}{960}$	$\frac{1}{12}$	$\frac{947}{2880}$	$\frac{11}{24}$	Φ_{2880} Φ_{1440} Φ_{720} Φ_{576} Φ_{360} Φ_{288} Φ_{180} Φ_{144} Φ_{90} Φ_{72} Φ_{45} Φ_{36} Φ_{24} Φ_{18} Φ_9 Φ_8 Φ_1
156799	1933	1968	$\frac{35}{1968}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	Φ_{1968} Φ_{984} Φ_{656} Φ_{492} Φ_{328} Φ_{246} Φ_{164} Φ_{123} Φ_{82} Φ_{41} Φ_{24} Φ_8 Φ_1
156800	1933	2400	$\frac{13}{480}$	$\frac{1}{12}$	$\frac{467}{2400}$	$\frac{11}{24}$	Φ_{2400} Φ_{1200} Φ_{800} Φ_{600} Φ_{400} Φ_{300} Φ_{200} Φ_{150} Φ_{100} Φ_{75} Φ_{50} Φ_{25} Φ_{24} Φ_8 Φ_1
156801	1933	2304	$\frac{13}{384}$	$\frac{1}{12}$	$\frac{371}{2304}$	$\frac{11}{24}$	Φ_{2304} Φ_{1152} Φ_{768} Φ_{576} Φ_{288} Φ_{256} Φ_{144} Φ_{72} Φ_{36} Φ_{24} Φ_{18} Φ_9 Φ_8 Φ_1
156802	1933	2016	$\frac{83}{2016}$	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{11}{24}$	Φ_{2016} Φ_{1008} Φ_{672} Φ_{504} Φ_{336} Φ_{288} Φ_{252} Φ_{224} Φ_{168} Φ_{144} Φ_{126} Φ_{112} Φ_{84} Φ_{72} Φ_{63} Φ_{56} Φ_{42} Φ_{36} Φ_{28} Φ_{24} Φ_{21} Φ_{18} Φ_{14} Φ_9 Φ_8 Φ_7 Φ_1

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156803	1933	2040	$\frac{107}{2040}$	$\frac{1}{12}$	$\frac{13}{120}$	$\frac{11}{24}$	Φ_{2040} Φ_{1020} Φ_{680} Φ_{510} Φ_{408} Φ_{340} Φ_{255} Φ_{204} Φ_{170} Φ_{136} Φ_{102} Φ_{85} Φ_{68} Φ_{51} Φ_{34} Φ_{24} Φ_{17} Φ_{8} Φ_{1}
156804	1933	2160	$\frac{13}{240}$	$\frac{1}{12}$	$\frac{227}{2160}$	$\frac{11}{24}$	Φ_{2160} Φ_{1080} Φ_{720} Φ_{540} Φ_{432} Φ_{360} Φ_{270} Φ_{216} Φ_{180} Φ_{144} Φ_{135} Φ_{108} Φ_{90} Φ_{72} Φ_{54} Φ_{45} Φ_{36} Φ_{27} Φ_{24} Φ_{18} Φ_{9} Φ_{8} Φ_{1}
156805	1933	2112	$\frac{13}{192}$	$\frac{1}{12}$	$\frac{179}{2112}$	$\frac{11}{24}$	Φ_{2112} Φ_{1056} Φ_{704} Φ_{528} Φ_{352} Φ_{264} Φ_{176} Φ_{132} Φ_{88} Φ_{66} Φ_{44} Φ_{33} Φ_{24} Φ_{22} Φ_{11} Φ_{8} Φ_{1}
156806	1933	3528	$\frac{1}{84}$	$\frac{169}{1764}$	$\frac{83}{252}$	$\frac{1595}{3528}$	Φ_{3528} Φ_{1176} Φ_{504} Φ_{392} Φ_{252} Φ_{168} Φ_{126} Φ_{72} Φ_{63} Φ_{56} Φ_{36} Φ_{24} Φ_{18} Φ_{9} Φ_{8} Φ_{1}
156807	1933	3528	$\frac{1}{28}$	$\frac{169}{1764}$	$\frac{27}{196}$	$\frac{1595}{3528}$	Φ_{3528} Φ_{1176} Φ_{504} Φ_{392} Φ_{196} Φ_{168} Φ_{98} Φ_{72} Φ_{56} Φ_{49} Φ_{24} Φ_{8} Φ_{1}
156808	1933	2240	$\frac{1}{28}$	$\frac{27}{280}$	$\frac{307}{2240}$	$\frac{253}{560}$	Φ_{2240} Φ_{1120} Φ_{448} Φ_{320} Φ_{280} Φ_{224} Φ_{160} Φ_{140} Φ_{70} Φ_{64} Φ_{56} Φ_{40} Φ_{35} Φ_{32} Φ_{20} Φ_{10} Φ_{8} Φ_{5} Φ_{1}
156809	1933	3520	$\frac{3}{176}$	$\frac{173}{1760}$	$\frac{1}{4}$	$\frac{1587}{3520}$	Φ_{3520} Φ_{704} Φ_{320} Φ_{176} Φ_{88} Φ_{64} Φ_{44} Φ_{22} Φ_{16} Φ_{11} Φ_{8} Φ_{1}
156810	1933	3456	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{205}{1728}$	$\frac{1523}{3456}$	Φ_{3456} Φ_{1152} Φ_{384} Φ_{216} Φ_{128} Φ_{108} Φ_{72} Φ_{54} Φ_{36} Φ_{27} Φ_{24} Φ_{18} Φ_{9} Φ_{8} Φ_{1}
156811	1933	2688	$\frac{1}{84}$	$\frac{83}{672}$	$\frac{755}{2688}$	$\frac{589}{1344}$	Φ_{2688} Φ_{896} Φ_{672} Φ_{384} Φ_{336} Φ_{224} Φ_{168} Φ_{128} Φ_{112} Φ_{96} Φ_{56} Φ_{48} Φ_{32} Φ_{24} Φ_{16} Φ_{8} Φ_{1}
156812	1933	1950	$\frac{17}{1950}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	Φ_{1950} Φ_{975} Φ_{650} Φ_{390} Φ_{325} Φ_{195} Φ_{150} Φ_{130} Φ_{78} Φ_{75} Φ_{65} Φ_{50} Φ_{39} Φ_{26} Φ_{25} Φ_{15} Φ_{13} Φ_{5} Φ_{1}
156813	1933	3360	$\frac{1}{84}$	$\frac{253}{1680}$	$\frac{83}{336}$	$\frac{1427}{3360}$	Φ_{3360} Φ_{1120} Φ_{672} Φ_{480} Φ_{336} Φ_{224} Φ_{168} Φ_{160} Φ_{112} Φ_{96} Φ_{56} Φ_{48} Φ_{32} Φ_{24} Φ_{16} Φ_{8} Φ_{1}
156814	1933	3360	$\frac{1}{28}$	$\frac{27}{280}$	$\frac{253}{1680}$	$\frac{1427}{3360}$	Φ_{3360} Φ_{1120} Φ_{672} Φ_{480} Φ_{280} Φ_{224} Φ_{160} Φ_{140} Φ_{96} Φ_{70} Φ_{56} Φ_{40} Φ_{35} Φ_{32} Φ_{20} Φ_{10} Φ_{8} Φ_{5} Φ_{1}
156815	1933	2016	$\frac{83}{2016}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{144}$	Φ_{2016} Φ_{1008} Φ_{672} Φ_{504} Φ_{336} Φ_{288} Φ_{252} Φ_{224} Φ_{168} Φ_{126} Φ_{112} Φ_{96} Φ_{84} Φ_{72} Φ_{63} Φ_{56} Φ_{42} Φ_{36} Φ_{32} Φ_{28} Φ_{24} Φ_{21} Φ_{18} Φ_{14} Φ_{9} Φ_{8} Φ_{7} Φ_{1}
156816	1933	3312	$\frac{1}{138}$	$\frac{277}{1656}$	$\frac{137}{414}$	$\frac{1379}{3312}$	Φ_{3312} Φ_{1104} Φ_{414} Φ_{368} Φ_{207} Φ_{144} Φ_{48} Φ_{18} Φ_{16} Φ_{9} Φ_{1}
156817	1933	1952	$\frac{19}{1952}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	Φ_{1952} Φ_{976} Φ_{488} Φ_{244} Φ_{122} Φ_{61} Φ_{16} Φ_{8} Φ_{1}
156818	1933	2070	$\frac{1}{23}$	$\frac{137}{2070}$	$\frac{22}{115}$	$\frac{93}{230}$	Φ_{2070} Φ_{1035} Φ_{690} Φ_{414} Φ_{345} Φ_{207} Φ_{138} Φ_{115} Φ_{90} Φ_{69} Φ_{45} Φ_{30} Φ_{18} Φ_{15} Φ_{9} Φ_{6} Φ_{5} Φ_{3} Φ_{1}
156819	1933	3240	$\frac{11}{324}$	$\frac{1}{12}$	$\frac{313}{1620}$	$\frac{1307}{3240}$	Φ_{3240} Φ_{1080} Φ_{648} Φ_{360} Φ_{324} Φ_{216} Φ_{162} Φ_{120} Φ_{108} Φ_{81} Φ_{72} Φ_{54} Φ_{40} Φ_{36} Φ_{27} Φ_{24} Φ_{18} Φ_{9} Φ_{8} Φ_{1}
156820	1933	2760	$\frac{1}{138}$	$\frac{137}{690}$	$\frac{827}{2760}$	$\frac{553}{1380}$	Φ_{2760} Φ_{920} Φ_{690} Φ_{552} Φ_{345} Φ_{230} Φ_{184} Φ_{120} Φ_{115} Φ_{40} Φ_{30} Φ_{24} Φ_{15} Φ_{10} Φ_{8} Φ_{5} Φ_{1}
156821	1933	1944	$\frac{11}{1944}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	Φ_{1944} Φ_{972} Φ_{648} Φ_{486} Φ_{324} Φ_{243} Φ_{216} Φ_{162} Φ_{108} Φ_{81} Φ_{72} Φ_{54} Φ_{36} Φ_{27} Φ_{24} Φ_{12} Φ_{9} Φ_{8} Φ_{4} Φ_{1}
156822	1933	3136	$\frac{1}{28}$	$\frac{27}{392}$	$\frac{365}{1568}$	$\frac{1203}{3136}$	Φ_{3136} Φ_{448} Φ_{392} Φ_{196} Φ_{98} Φ_{64} Φ_{56} Φ_{49} Φ_{8} Φ_{1}
156823	1933	3128	$\frac{1}{23}$	$\frac{22}{391}$	$\frac{369}{1564}$	$\frac{1195}{3128}$	Φ_{3128} Φ_{391} Φ_{184} Φ_{136} Φ_{17} Φ_{8} Φ_{1}
156824	1933	3096	$\frac{2}{387}$	$\frac{385}{1548}$	$\frac{1}{3}$	$\frac{1163}{3096}$	Φ_{3096} Φ_{1032} Φ_{387} Φ_{344} Φ_{129} Φ_{72} Φ_{43} Φ_{24} Φ_{9} Φ_{8} Φ_{1}
156825	1933	3024	$\frac{1}{84}$	$\frac{83}{504}$	$\frac{421}{1512}$	$\frac{1091}{3024}$	Φ_{3024} Φ_{1008} Φ_{504} Φ_{432} Φ_{336} Φ_{252} Φ_{168} Φ_{144} Φ_{126} Φ_{112} Φ_{72} Φ_{63} Φ_{56} Φ_{48} Φ_{36} Φ_{24} Φ_{18} Φ_{16} Φ_{9} Φ_{8} Φ_{1}
156826	1933	2016	$\frac{83}{2016}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{43}{126}$	Φ_{2016} Φ_{1008} Φ_{672} Φ_{504} Φ_{336} Φ_{288} Φ_{252} Φ_{224} Φ_{168} Φ_{144} Φ_{112} Φ_{96} Φ_{84} Φ_{72} Φ_{63} Φ_{56} Φ_{48} Φ_{36} Φ_{32} Φ_{28} Φ_{24} Φ_{16} Φ_{12} Φ_{9} Φ_{8} Φ_{4} Φ_{1}
156827	1933	2484	$\frac{1}{138}$	$\frac{551}{2484}$	$\frac{137}{414}$	$\frac{277}{828}$	Φ_{2484} Φ_{1242} Φ_{621} Φ_{414} Φ_{207} Φ_{108} Φ_{54} Φ_{27} Φ_{18} Φ_{9} Φ_{1}
156828	1933	2904	$\frac{3}{484}$	$\frac{1}{4}$	$\frac{481}{1452}$	$\frac{971}{2904}$	Φ_{2904} Φ_{968} Φ_{484} Φ_{264} Φ_{242} Φ_{121} Φ_{88} Φ_{44} Φ_{24} Φ_{22} Φ_{11} Φ_{8} Φ_{1}
156829	1933	2889	$\frac{7}{963}$	$\frac{2}{9}$	$\frac{956}{2889}$	$\frac{1}{3}$	Φ_{2889} Φ_{27} Φ_{9} Φ_{1}
156830	1933	2880	$\frac{13}{960}$	$\frac{2}{15}$	$\frac{947}{2880}$	$\frac{1}{3}$	Φ_{2880} Φ_{1440} Φ_{720} Φ_{576} Φ_{360} Φ_{288} Φ_{180} Φ_{144} Φ_{90} Φ_{72} Φ_{45} Φ_{36} Φ_{18} Φ_{15} Φ_{9} Φ_{5} Φ_{1}
156831	1933	2025	$\frac{2}{45}$	$\frac{92}{2025}$	$\frac{43}{135}$	$\frac{1}{3}$	Φ_{2025} Φ_{675} Φ_{405} Φ_{225} Φ_{81} Φ_{75} Φ_{45} Φ_{25} Φ_{15} Φ_{9} Φ_{5} Φ_{1}
156832	1933	2835	$\frac{2}{45}$	$\frac{43}{945}$	$\frac{902}{2835}$	$\frac{1}{3}$	Φ_{2835} Φ_{567} Φ_{405} Φ_{81} Φ_{45} Φ_{15} Φ_{9} Φ_{5} Φ_{1}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156833	1933	2709	$\frac{2}{129}$	$\frac{127}{903}$	$\frac{776}{2709}$	$\frac{1}{3}$	$\Phi_{2709}\ \Phi_{387}\ \Phi_{129}\ \Phi_{63}\ \Phi_{43}\ \Phi_{9}\ \Phi_{1}$
156834	1933	2520	$\frac{2}{45}$	$\frac{43}{630}$	$\frac{587}{2520}$	$\frac{1}{3}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}\ \Phi_{60}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
156835	1933	1980	$\frac{47}{1980}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{15}\ \Phi_{11}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
156836	1933	2400	$\frac{13}{480}$	$\frac{2}{15}$	$\frac{467}{2400}$	$\frac{1}{3}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
156837	1933	2160	$\frac{2}{45}$	$\frac{227}{2160}$	$\frac{43}{270}$	$\frac{1}{3}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
156838	1933	2205	$\frac{2}{45}$	$\frac{272}{2205}$	$\frac{43}{315}$	$\frac{1}{3}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{441}\ \Phi_{245}\ \Phi_{147}\ \Phi_{49}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
156839	1933	2040	$\frac{107}{2040}$	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
156840	1933	2160	$\frac{13}{240}$	$\frac{227}{2160}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
156841	1933	2880	$\frac{13}{960}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{947}{2880}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{576}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
156842	1933	2112	$\frac{3}{88}$	$\frac{179}{2112}$	$\frac{1}{4}$	$\frac{85}{264}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{192}\ \Phi_{176}\ \Phi_{96}\ \Phi_{88}\ \Phi_{64}\ \Phi_{48}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
156843	1933	2835	$\frac{43}{945}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{902}{2835}$	$\Phi_{2835}\ \Phi_{567}\ \Phi_{405}\ \Phi_{81}\ \Phi_{63}\ \Phi_{9}\ \Phi_{1}$
156844	1933	2520	$\frac{1}{21}$	$\frac{43}{630}$	$\frac{587}{2520}$	$\frac{20}{63}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
156845	1933	2079	$\frac{1}{21}$	$\frac{146}{2079}$	$\frac{43}{189}$	$\frac{20}{63}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{297}\ \Phi_{231}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{33}\ \Phi_{11}\ \Phi_{9}\ \Phi_{1}$
156846	1933	2268	$\frac{1}{21}$	$\frac{43}{378}$	$\frac{335}{2268}$	$\frac{20}{63}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{324}\ \Phi_{252}\ \Phi_{162}\ \Phi_{108}\ \Phi_{84}\ \Phi_{81}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
156847	1933	2205	$\frac{1}{21}$	$\frac{272}{2205}$	$\frac{43}{315}$	$\frac{20}{63}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{441}\ \Phi_{245}\ \Phi_{147}\ \Phi_{63}\ \Phi_{49}\ \Phi_{9}\ \Phi_{1}$
156848	1933	2142	$\frac{5}{102}$	$\frac{209}{2142}$	$\frac{1}{6}$	$\frac{97}{306}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{126}\ \Phi_{119}\ \Phi_{102}\ \Phi_{63}\ \Phi_{51}\ \Phi_{42}\ \Phi_{34}\ \Phi_{21}\ \Phi_{17}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
156849	1933	2808	$\frac{61}{936}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{875}{2808}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
156850	1933	2520	$\frac{1}{28}$	$\frac{27}{280}$	$\frac{587}{2520}$	$\frac{253}{840}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{70}\ \Phi_{63}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{35}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
156851	1933	2760	$\frac{1}{23}$	$\frac{93}{920}$	$\frac{22}{115}$	$\frac{827}{2760}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{120}\ \Phi_{115}\ \Phi_{69}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
156852	1933	2754	$\frac{5}{102}$	$\frac{97}{918}$	$\frac{1}{6}$	$\frac{821}{2754}$	$\Phi_{2754}\ \Phi_{1377}\ \Phi_{162}\ \Phi_{102}\ \Phi_{81}\ \Phi_{51}\ \Phi_{34}\ \Phi_{17}\ \Phi_{1}$
156853	1933	2736	$\frac{5}{114}$	$\frac{109}{912}$	$\frac{1}{6}$	$\frac{803}{2736}$	$\Phi_{2736}\ \Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{144}\ \Phi_{114}\ \Phi_{72}\ \Phi_{57}\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
156854	1933	2352	$\frac{1}{28}$	$\frac{27}{196}$	$\frac{419}{2352}$	$\frac{169}{588}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{784}\ \Phi_{392}\ \Phi_{336}\ \Phi_{196}\ \Phi_{168}\ \Phi_{112}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
156855	1933	1968	$\frac{35}{1968}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{492}\ \Phi_{328}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
156856	1933	2640	$\frac{3}{176}$	$\frac{173}{880}$	$\frac{1}{4}$	$\frac{707}{2640}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{176}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
156857	1933	2592	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{205}{864}$	$\frac{659}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
156858	1933	2560	$\frac{13}{640}$	$\frac{3}{16}$	$\frac{627}{2560}$	$\frac{1}{4}$	$\Phi_{2560}\ \Phi_{1280}\ \Phi_{512}\ \Phi_{256}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
156859	1933	2464	$\frac{3}{88}$	$\frac{85}{616}$	$\frac{531}{2464}$	$\frac{1}{4}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{352}\ \Phi_{224}\ \Phi_{176}\ \Phi_{112}\ \Phi_{88}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
156860	1933	1984	$\frac{51}{1984}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{31}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156861	1933	2400	$\frac{13}{480}$	$\frac{3}{16}$	$\frac{467}{2400}$	$\frac{1}{4}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_8\ \Phi_1$
156862	1933	2000	$\frac{67}{2000}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_8\ \Phi_1$
156863	1933	2304	$\frac{13}{384}$	$\frac{371}{2304}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
156864	1933	2240	$\frac{13}{320}$	$\frac{307}{2240}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
156865	1933	2016	$\frac{83}{2016}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
156866	1933	2160	$\frac{13}{240}$	$\frac{227}{2160}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
156867	1933	2048	$\frac{115}{2048}$	$\frac{13}{128}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_{16}\ \Phi_8\ \Phi_1$
156868	1933	2112	$\frac{13}{192}$	$\frac{179}{2112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
156869	1933	2080	$\frac{147}{2080}$	$\frac{13}{160}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_1$
156870	1933	2280	$\frac{5}{114}$	$\frac{347}{2280}$	$\frac{1}{6}$	$\frac{109}{456}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{120}\ \Phi_{114}\ \Phi_{95}\ \Phi_{60}\ \Phi_{57}\ \Phi_{40}\ \Phi_{38}\ \Phi_{30}\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
156871	1933	2448	$\frac{5}{102}$	$\frac{97}{612}$	$\frac{1}{6}$	$\frac{515}{2448}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{144}\ \Phi_{136}\ \Phi_{102}\ \Phi_{72}\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_1$
156872	1933	2300	$\frac{1}{23}$	$\frac{367}{2300}$	$\frac{22}{115}$	$\frac{93}{460}$	$\Phi_{2300}\ \Phi_{1150}\ \Phi_{575}\ \Phi_{115}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_5\ \Phi_1$
156873	1934	5784	$\frac{3}{964}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{961}{1928}$	$\Phi_{5784}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
156874	1934	1920	$\frac{7}{960}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{953}{1920}$	$\Phi_{1920}^2\ \Phi_{640}^2\ \Phi_{384}^2\ \Phi_{128}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
156875	1934	1914	$\frac{10}{957}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{947}{1914}$	$\Phi_{1914}^2\ \Phi_{638}^2\ \Phi_{174}^2\ \Phi_{66}^2\ \Phi_{58}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_6^2\ \Phi_2^2$
156876	1934	1056	$\frac{1}{88}$	$\frac{89}{1056}$	$\frac{1}{3}$	$\frac{87}{176}$	$\Phi_{1056}^2\ \Phi_{528}\ \Phi_{352}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{96}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
156877	1934	5676	$\frac{21}{946}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{925}{1892}$	$\Phi_{5676}\ \Phi_{516}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
156878	1934	1848	$\frac{1}{44}$	$\frac{43}{924}$	$\frac{1}{3}$	$\frac{881}{1848}$	$\Phi_{1848}^2\ \Phi_{616}^2\ \Phi_{264}^2\ \Phi_{168}^2\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{56}^2\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_6$
156879	1934	5280	$\frac{1}{88}$	$\frac{87}{880}$	$\frac{1}{3}$	$\frac{793}{1760}$	$\Phi_{5280}\ \Phi_{1056}\ \Phi_{480}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
156880	1934	2928	$\frac{9}{976}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2928}\ \Phi_{1464}\ \Phi_{732}\ \Phi_{366}\ \Phi_{183}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
156881	1934	5082	$\frac{1}{121}$	$\frac{120}{847}$	$\frac{1}{3}$	$\frac{727}{1694}$	$\Phi_{5082}\ \Phi_{726}\ \Phi_{462}\ \Phi_{363}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_6$
156882	1934	1452	$\frac{1}{242}$	$\frac{241}{726}$	$\frac{1}{3}$	$\frac{485}{1452}$	$\Phi_{1452}^2\ \Phi_{726}\ \Phi_{484}^2\ \Phi_{363}\ \Phi_{132}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
156883	1934	1440	$\frac{7}{480}$	$\frac{1}{8}$	$\frac{473}{1440}$	$\frac{1}{3}$	$\Phi_{1440}^2\ \Phi_{720}^2\ \Phi_{360}^2\ \Phi_{288}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
156884	1934	1056	$\frac{1}{44}$	$\frac{89}{1056}$	$\frac{43}{132}$	$\frac{1}{3}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{96}^2\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{48}^2\ \Phi_{33}\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_6$
156885	1934	990	$\frac{23}{990}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_2^2$
156886	1934	984	$\frac{17}{984}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{984}^2\ \Phi_{492}^2\ \Phi_{328}^2\ \Phi_{246}^2\ \Phi_{164}^2\ \Phi_{123}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
156887	1934	1320	$\frac{1}{88}$	$\frac{87}{440}$	$\frac{353}{1320}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}^2\ \Phi_{330}\ \Phi_{264}^2\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{120}\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{33}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
156888	1934	3840	$\frac{7}{320}$	$\frac{1}{8}$	$\frac{313}{1280}$	$\frac{1}{3}$	$\Phi_{3840}\ \Phi_{1920}\ \Phi_{768}\ \Phi_{384}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
156889	1934	3828	$\frac{10}{319}$	$\frac{1}{11}$	$\frac{309}{1276}$	$\frac{1}{3}$	$\Phi_{3828}\ \Phi_{1914}\ \Phi_{348}\ \Phi_{174}\ \Phi_{132}\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_6$
156890	1934	2976	$\frac{25}{992}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{2976}\ \Phi_{1488}\ \Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
156891	1934	3696	$\frac{1}{44}$	$\frac{43}{308}$	$\frac{265}{1232}$	$\frac{1}{3}$	$\Phi_{3696}\ \Phi_{1848}\ \Phi_{528}\ \Phi_{336}\ \Phi_{264}\ \Phi_{168}\ \Phi_{132}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156892	1934	1200	$\frac{7}{240}$	$\frac{1}{8}$	$\frac{233}{1200}$	$\frac{1}{3}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
156893	1934	3000	$\frac{33}{1000}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{600}\ \Phi_{375}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
156894	1934	1152	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{185}{1152}$	$\frac{1}{3}$	$\Phi_{1152}^2\ \Phi_{576}^2\ \Phi_{384}^2\ \Phi_{288}^2\ \Phi_{144}^2\ \Phi_{128}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
156895	1934	1008	$\frac{41}{1008}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_7^2\ \Phi_6$
156896	1934	3360	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{153}{1120}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{672}\ \Phi_{420}\ \Phi_{336}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
156897	1934	3072	$\frac{57}{1024}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{3072}\ \Phi_{1536}\ \Phi_{768}\ \Phi_{384}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
156898	1934	1080	$\frac{7}{120}$	$\frac{113}{1080}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
156899	1934	3120	$\frac{73}{1040}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{624}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
156900	1934	1056	$\frac{7}{96}$	$\frac{89}{1056}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_6$
156901	1935	1544	$\frac{1}{386}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{385}{772}$	$\Phi_{1544}^2\ \Phi_{772}\ \Phi_8^3\ \Phi_4\ \Phi_1$
156902	1935	1712	$\frac{1}{214}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{213}{428}$	$\Phi_{1712}^2\ \Phi_{428}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
156903	1935	428	$\frac{1}{214}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{213}{428}$	$\Phi_{428}^5\ \Phi_{214}^4\ \Phi_{107}^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
156904	1935	1792	$\frac{1}{128}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{127}{256}$	$\Phi_{1792}^2\ \Phi_{256}^3\ \Phi_{28}\ \Phi_4\ \Phi_1$
156905	1935	1792	$\frac{1}{128}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{127}{256}$	$\Phi_{1792}^2\ \Phi_{256}^3\ \Phi_7^2\ \Phi_1^3$
156906	1935	768	$\frac{1}{128}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{127}{256}$	$\Phi_{768}^6\ \Phi_{256}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
156907	1935	2130	$\frac{2}{213}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{211}{426}$	$\Phi_{2130}\ \Phi_{1065}\ \Phi_{710}\ \Phi_{355}\ \Phi_{213}\ \Phi_{71}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
156908	1935	1440	$\frac{1}{72}$	$\frac{1}{10}$	$\frac{73}{288}$	$\frac{71}{144}$	$\Phi_{1440}^2\ \Phi_{480}^2\ \Phi_{360}^2\ \Phi_{288}\ \Phi_{180}^2\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}\ \Phi_{90}^2\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{32}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
156909	1935	2120	$\frac{3}{212}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{209}{424}$	$\Phi_{2120}^2\ \Phi_{424}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
156910	1935	1848	$\frac{1}{44}$	$\frac{1}{42}$	$\frac{41}{84}$	$\frac{43}{88}$	$\Phi_{1848}^2\ \Phi_{616}^2\ \Phi_{264}^2\ \Phi_{168}^2\ \Phi_{88}^3\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
156911	1935	3960	$\frac{1}{44}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{3960}\ \Phi_{1320}\ \Phi_{792}\ \Phi_{440}\ \Phi_{360}\ \Phi_{120}\ \Phi_{88}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{15}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_1$
156912	1935	5544	$\frac{1}{44}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{43}{88}$	$\Phi_{5544}\ \Phi_{792}\ \Phi_{504}\ \Phi_{88}\ \Phi_{72}\ \Phi_{63}\ \Phi_9\ \Phi_8\ \Phi_1$
156913	1935	616	$\frac{1}{44}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{88}$	$\Phi_{616}^2\ \Phi_{308}^4\ \Phi_{154}^4\ \Phi_{88}^3\ \Phi_{77}^4\ \Phi_{56}^3\ \Phi_{44}^4\ \Phi_{28}^5\ \Phi_{22}^4\ \Phi_{14}^4\ \Phi_{11}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
156914	1935	528	$\frac{1}{44}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{88}$	$\Phi_{528}^4\ \Phi_{264}^2\ \Phi_{176}^4\ \Phi_{132}^4\ \Phi_{88}^3\ \Phi_{66}^4\ \Phi_{48}^5\ \Phi_{44}^4\ \Phi_{33}^4\ \Phi_{24}^3\ \Phi_{22}^4\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
156915	1935	4312	$\frac{1}{44}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{88}$	$\Phi_{4312}\ \Phi_{392}\ \Phi_{88}\ \Phi_{49}\ \Phi_8\ \Phi_1$
156916	1935	924	$\frac{1}{42}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{41}{84}$	$\Phi_{924}^4\ \Phi_{308}^4\ \Phi_{132}^4\ \Phi_{84}^5\ \Phi_{44}^4\ \Phi_{28}^5\ \Phi_{22}^2\ \Phi_{12}^5\ \Phi_{11}^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
156917	1935	336	$\frac{1}{42}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{41}{84}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{84}^5\ \Phi_{56}^6\ \Phi_{48}^6\ \Phi_{42}^4\ \Phi_{28}^5\ \Phi_{24}^6\ \Phi_{21}^4\ \Phi_{16}^9\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_8^9\ \Phi_7^4\ \Phi_6^4\ \Phi_4^7\ \Phi_3^4\ \Phi_2^6\ \Phi_1^7$
156918	1935	924	$\frac{1}{42}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{41}{84}$	$\Phi_{924}^4\ \Phi_{308}^4\ \Phi_{132}^4\ \Phi_{84}^5\ \Phi_{44}^4\ \Phi_{28}^5\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_4^5\ \Phi_1^5$
156919	1935	420	$\frac{1}{42}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{41}{84}$	$\Phi_{420}^{10}\ \Phi_{140}^{10}\ \Phi_{84}^5\ \Phi_{60}^{10}\ \Phi_{30}^2\ \Phi_{28}^5\ \Phi_{20}^{10}\ \Phi_{15}^2\ \Phi_{12}^5\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4^5\ \Phi_3\ \Phi_1$
156920	1935	2516	$\frac{16}{629}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{613}{1258}$	$\Phi_{2516}\ \Phi_{629}\ \Phi_{148}\ \Phi_{68}^2\ \Phi_{37}\ \Phi_{34}\ \Phi_{17}\ \Phi_4\ \Phi_1$
156921	1935	228	$\frac{1}{38}$	$\frac{13}{228}$	$\frac{1}{4}$	$\frac{37}{76}$	$\Phi_{228}^9\ \Phi_{114}^9\ \Phi_{76}^8\ \Phi_{57}^9\ \Phi_{38}^7\ \Phi_{19}^7\ \Phi_{12}^9\ \Phi_6^9\ \Phi_4^7\ \Phi_3^9\ \Phi_2^6\ \Phi_1^7$
156922	1935	836	$\frac{6}{209}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{203}{418}$	$\Phi_{836}^3\ \Phi_{209}^3\ \Phi_{76}^4\ \Phi_{44}^3\ \Phi_{38}\ \Phi_{19}^3\ \Phi_{11}^3\ \Phi_4^3\ \Phi_1^3$
156923	1935	136	$\frac{1}{34}$	$\frac{7}{136}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{136}^{15}\ \Phi_{68}^{14}\ \Phi_{34}^{13}\ \Phi_{17}^{13}\ \Phi_8^{15}\ \Phi_4^{13}\ \Phi_2^{12}\ \Phi_1^{13}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156924	1935	2000	$\frac{4}{125}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{121}{250}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{200}\ \Phi_{125}\ \Phi_{100}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
156925	1935	2080	$\frac{7}{208}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{201}{416}$	$\Phi_{2080}^2\ \Phi_{416}\ \Phi_{160}^2\ \Phi_{40}^2\ \Phi_{32}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
156926	1935	208	$\frac{1}{26}$	$\frac{1}{16}$	$\frac{9}{52}$	$\frac{25}{52}$	$\Phi_{208}^{10}\ \Phi_{104}^{10}\ \Phi_{52}^8\ \Phi_{26}^7\ \Phi_{16}^9\ \Phi_{13}^7\ \Phi_8^9\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
156927	1935	2070	$\frac{8}{207}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{199}{414}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{207}\ \Phi_{115}\ \Phi_{90}^2\ \Phi_{69}\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{23}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
156928	1935	240	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{5}{48}$	$\frac{23}{48}$	$\Phi_{240}^8\ \Phi_{120}^{10}\ \Phi_{80}^8\ \Phi_{60}^{10}\ \Phi_{48}^4\ \Phi_{40}^{10}\ \Phi_{30}^{10}\ \Phi_{24}^5\ \Phi_{20}^{10}\ \Phi_{16}^4\ \Phi_{15}^{10}\ \Phi_{12}^5\ \Phi_{10}^9\ \Phi_8^5\ \Phi_6^5\ \Phi_5^9\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
156929	1935	408	$\frac{1}{34}$	$\frac{11}{204}$	$\frac{1}{4}$	$\frac{193}{408}$	$\Phi_{408}^9\ \Phi_{136}^9\ \Phi_{68}^2\ \Phi_{34}\ \Phi_{24}^9\ \Phi_{17}\ \Phi_8^9\ \Phi_4\ \Phi_1$
156930	1935	2040	$\frac{11}{204}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{193}{408}$	$\Phi_{2040}^2\ \Phi_{680}^2\ \Phi_{408}\ \Phi_{136}\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
156931	1935	1216	$\frac{1}{38}$	$\frac{37}{608}$	$\frac{1}{4}$	$\frac{571}{1216}$	$\Phi_{1216}^3\ \Phi_{76}^2\ \Phi_{64}^3\ \Phi_{38}\ \Phi_{19}\ \Phi_4\ \Phi_1$
156932	1935	448	$\frac{1}{64}$	$\frac{1}{14}$	$\frac{21}{64}$	$\frac{13}{28}$	$\Phi_{448}^4\ \Phi_{224}^4\ \Phi_{112}^4\ \Phi_{64}^6\ \Phi_{56}^4\ \Phi_{32}^6\ \Phi_{28}^5\ \Phi_{16}^6\ \Phi_{14}^4\ \Phi_8^6\ \Phi_7^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
156933	1935	308	$\frac{1}{44}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{308}^6\ \Phi_{154}^6\ \Phi_{77}^6\ \Phi_{44}^9\ \Phi_{28}^5\ \Phi_{22}^9\ \Phi_{14}^4\ \Phi_{11}^9\ \Phi_7^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
156934	1935	1120	$\frac{1}{32}$	$\frac{1}{14}$	$\frac{31}{160}$	$\frac{13}{28}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{280}^2\ \Phi_{160}^3\ \Phi_{140}^2\ \Phi_{80}^3\ \Phi_{70}^2\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
156935	1935	952	$\frac{7}{136}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{28}$	$\Phi_{952}^2\ \Phi_{476}^2\ \Phi_{238}^2\ \Phi_{136}^3\ \Phi_{119}^2\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{28}\ \Phi_{17}^3\ \Phi_4\ \Phi_1$
156936	1935	336	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{5}{48}$	$\frac{13}{28}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^4\ \Phi_{84}^6\ \Phi_{56}^4\ \Phi_{48}^9\ \Phi_{42}^6\ \Phi_{28}^5\ \Phi_{24}^9\ \Phi_{21}^6\ \Phi_{16}^6\ \Phi_{14}^4\ \Phi_{12}^9\ \Phi_8^6\ \Phi_7^4\ \Phi_6^9\ \Phi_4^7\ \Phi_3^9\ \Phi_2^6\ \Phi_1^7$
156937	1935	1840	$\frac{1}{46}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{1840}^2\ \Phi_{368}^2\ \Phi_{92}^2\ \Phi_{80}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_4\ \Phi_1$
156938	1935	80	$\frac{1}{16}$	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{37}{80}$	$\Phi_{80}^{23}\ \Phi_{40}^{26}\ \Phi_{20}^{26}\ \Phi_{16}^{22}\ \Phi_{10}^{25}\ \Phi_8^{25}\ \Phi_5^{25}\ \Phi_4^{25}\ \Phi_2^{24}\ \Phi_1^{25}$
156939	1935	1980	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{1}{10}$	$\frac{181}{396}$	$\Phi_{1980}^2\ \Phi_{660}^2\ \Phi_{396}\ \Phi_{220}^2\ \Phi_{180}^2\ \Phi_{132}\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{44}\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
156940	1935	560	$\frac{1}{16}$	$\frac{11}{140}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{560}^4\ \Phi_{280}^4\ \Phi_{140}^3\ \Phi_{112}^4\ \Phi_{80}^2\ \Phi_{70}^3\ \Phi_{56}^4\ \Phi_{40}^2\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{14}^3\ \Phi_{10}\ \Phi_8\ \Phi_7^3\ \Phi_5\ \Phi_4\ \Phi_1$
156941	1935	624	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{35}{78}$	$\Phi_{624}^3\ \Phi_{312}^3\ \Phi_{208}^4\ \Phi_{156}^3\ \Phi_{104}^4\ \Phi_{52}^4\ \Phi_{48}^3\ \Phi_{39}^3\ \Phi_{26}\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
156942	1935	1920	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{23}{192}$	$\frac{169}{384}$	$\Phi_{1920}^2\ \Phi_{640}^2\ \Phi_{384}\ \Phi_{128}\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
156943	1935	5136	$\frac{1}{107}$	$\frac{1}{8}$	$\frac{106}{321}$	$\frac{7}{16}$	$\Phi_{5136}\ \Phi_{321}\ \Phi_{48}\ \Phi_{16}\ \Phi_3\ \Phi_1$
156944	1935	1712	$\frac{2}{107}$	$\frac{1}{8}$	$\frac{21}{107}$	$\frac{7}{16}$	$\Phi_{1712}^2\ \Phi_{107}^2\ \Phi_{16}^3\ \Phi_1^3$
156945	1935	528	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{528}^8\ \Phi_{176}^4\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{48}^6\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
156946	1935	1120	$\frac{9}{224}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{280}^2\ \Phi_{224}\ \Phi_{160}^2\ \Phi_{140}^2\ \Phi_{112}\ \Phi_{70}^2\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{35}^2\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
156947	1935	1890	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{26}{189}$	$\frac{163}{378}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{315}\ \Phi_{270}^2\ \Phi_{210}\ \Phi_{189}\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}\ \Phi_{63}\ \Phi_{54}\ \Phi_{45}^2\ \Phi_{35}\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
156948	1935	360	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{7}{36}$	$\frac{29}{72}$	$\Phi_{360}^{10}\ \Phi_{180}^2\ \Phi_{120}^{10}\ \Phi_{90}^2\ \Phi_{72}^5\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^{10}\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{24}^5\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_8^5\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
156949	1935	208	$\frac{1}{26}$	$\frac{1}{16}$	$\frac{25}{104}$	$\frac{79}{208}$	$\Phi_{208}^9\ \Phi_{104}^{10}\ \Phi_{52}^{10}\ \Phi_{26}^9\ \Phi_{16}^8\ \Phi_{13}^9\ \Phi_8^9\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
156950	1935	1544	$\frac{1}{193}$	$\frac{1}{4}$	$\frac{64}{193}$	$\frac{3}{8}$	$\Phi_{1544}^2\ \Phi_{193}^2\ \Phi_8^3\ \Phi_1^3$
156951	1935	520	$\frac{1}{130}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}^6\ \Phi_{260}^2\ \Phi_{130}\ \Phi_{104}^6\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{40}^6\ \Phi_{26}\ \Phi_{20}^2\ \Phi_{13}\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
156952	1935	1176	$\frac{5}{392}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{392}\ \Phi_{294}^2\ \Phi_{196}\ \Phi_{168}^2\ \Phi_{147}^2\ \Phi_{98}\ \Phi_{84}^2\ \Phi_{56}\ \Phi_{49}\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
156953	1935	1544	$\frac{4}{193}$	$\frac{21}{193}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1544}^2\ \Phi_{193}^2\ \Phi_8^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156954	1935	1104	$\frac{1}{46}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1104}^2\ \Phi_{552}^2\ \Phi_{368}^2\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{48}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
156955	1935	440	$\frac{1}{44}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^8\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{88}^4\ \Phi_{55}^2\ \Phi_{44}\ \Phi_{40}^6\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
156956	1935	1518	$\frac{1}{46}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}^2\ \Phi_{253}^2\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{33}\ \Phi_{23}\ \Phi_{22}\ \Phi_{11}\ \Phi_3\ \Phi_1$
156957	1935	1620	$\frac{1}{54}$	$\frac{1}{10}$	$\frac{53}{162}$	$\frac{109}{324}$	$\Phi_{1620}^2\ \Phi_{540}^2\ \Phi_{324}\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}\ \Phi_{45}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{27}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
156958	1935	582	$\frac{1}{97}$	$\frac{1}{6}$	$\frac{32}{97}$	$\frac{65}{194}$	$\Phi_{582}^4\ \Phi_{291}^4\ \Phi_{194}\ \Phi_{97}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
156959	1935	967	$\frac{4}{967}$	$\frac{321}{967}$	$\frac{322}{967}$	$\frac{323}{967}$	$\Phi_{967}^2\ \Phi_1^3$
156960	1935	990	$\frac{2}{45}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{55}^2\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_9^3\ \Phi_5^3\ \Phi_2^2\ \Phi_1^3$
156961	1935	720	$\frac{2}{45}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^2\ \Phi_{144}^3\ \Phi_{120}^3\ \Phi_{90}^2\ \Phi_{80}^3\ \Phi_{72}^3\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
156962	1935	495	$\frac{2}{45}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{45}^5\ \Phi_{15}^5\ \Phi_{11}^4\ \Phi_9^5\ \Phi_5^5\ \Phi_1^5$
156963	1935	90	$\frac{2}{45}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{90}^{22}\ \Phi_{45}^{23}\ \Phi_{30}^{19}\ \Phi_{18}^{22}\ \Phi_{15}^{20}\ \Phi_{10}^{18}\ \Phi_9^{23}\ \Phi_6^{21}\ \Phi_5^{19}\ \Phi_3^{21}\ \Phi_2^{20}\ \Phi_1^{21}$
156964	1935	1284	$\frac{1}{107}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{106}{321}$	$\Phi_{1284}^2\ \Phi_{642}^2\ \Phi_{321}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
156965	1935	448	$\frac{1}{64}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{21}{64}$	$\Phi_{448}^4\ \Phi_{224}^4\ \Phi_{112}^4\ \Phi_{64}^6\ \Phi_{56}^4\ \Phi_{32}^6\ \Phi_{28}^4\ \Phi_{16}^6\ \Phi_{14}^4\ \Phi_8^6\ \Phi_7^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
156966	1935	192	$\frac{1}{64}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{21}{64}$	$\Phi_{192}^{12}\ \Phi_{96}^{12}\ \Phi_{64}^6\ \Phi_{48}^{12}\ \Phi_{32}^6\ \Phi_{24}^{12}\ \Phi_{16}^6\ \Phi_{12}^{14}\ \Phi_8^6\ \Phi_6^{13}\ \Phi_4^7\ \Phi_3^{13}\ \Phi_2^6\ \Phi_1^7$
156967	1935	967	$\frac{16}{967}$	$\frac{130}{967}$	$\frac{279}{967}$	$\frac{317}{967}$	$\Phi_{967}^2\ \Phi_1^3$
156968	1935	1164	$\frac{7}{388}$	$\frac{1}{6}$	$\frac{87}{388}$	$\frac{127}{388}$	$\Phi_{1164}^2\ \Phi_{582}^2\ \Phi_{388}\ \Phi_{291}^2\ \Phi_{194}\ \Phi_{97}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
156969	1935	967	$\frac{19}{967}$	$\frac{150}{967}$	$\frac{217}{967}$	$\frac{316}{967}$	$\Phi_{967}^2\ \Phi_1^3$
156970	1935	1292	$\frac{13}{646}$	$\frac{87}{646}$	$\frac{1}{4}$	$\frac{211}{646}$	$\Phi_{1292}^2\ \Phi_{646}\ \Phi_{323}\ \Phi_{76}^2\ \Phi_{68}^2\ \Phi_{38}\ \Phi_{34}\ \Phi_{19}\ \Phi_{17}\ \Phi_4\ \Phi_1$
156971	1935	476	$\frac{1}{34}$	$\frac{23}{238}$	$\frac{1}{4}$	$\frac{11}{34}$	$\Phi_{476}^6\ \Phi_{238}^3\ \Phi_{119}^3\ \Phi_{68}^2\ \Phi_{34}\ \Phi_{28}^6\ \Phi_{17}\ \Phi_{14}^3\ \Phi_7^3\ \Phi_4\ \Phi_1$
156972	1935	1386	$\frac{1}{22}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{7}{22}$	$\Phi_{1386}^2\ \Phi_{693}^2\ \Phi_{198}^2\ \Phi_{126}^2\ \Phi_{99}^2\ \Phi_{63}^3\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_9^3\ \Phi_2^2\ \Phi_1^3$
156973	1935	616	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{7}{22}$	$\Phi_{616}^4\ \Phi_{308}^4\ \Phi_{88}^4\ \Phi_{56}^5\ \Phi_{44}^4\ \Phi_{28}^5\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^5\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
156974	1935	528	$\frac{1}{22}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{7}{22}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{176}^4\ \Phi_{132}^4\ \Phi_{88}^4\ \Phi_{48}^5\ \Phi_{44}^4\ \Phi_{24}^5\ \Phi_{22}^2\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_{11}^2\ \Phi_8^5\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
156975	1935	1078	$\frac{1}{22}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{7}{22}$	$\Phi_{1078}^2\ \Phi_{539}^2\ \Phi_{98}^2\ \Phi_{49}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_2^2\ \Phi_1^3$
156976	1935	1008	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{20}{63}$	$\Phi_{1008}^3\ \Phi_{504}^3\ \Phi_{252}^2\ \Phi_{144}^3\ \Phi_{126}^2\ \Phi_{72}^3\ \Phi_{63}^3\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{16}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
156977	1935	693	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{20}{63}$	$\Phi_{693}^4\ \Phi_{99}^4\ \Phi_{63}^5\ \Phi_{11}^4\ \Phi_9^5\ \Phi_1^5$
156978	1935	630	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{20}{63}$	$\Phi_{630}^5\ \Phi_{315}^5\ \Phi_{126}^2\ \Phi_{90}^5\ \Phi_{63}^3\ \Phi_{45}^5\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_9^3\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
156979	1935	228	$\frac{1}{19}$	$\frac{13}{228}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{228}^9\ \Phi_{114}^9\ \Phi_{76}^7\ \Phi_{57}^9\ \Phi_{38}^7\ \Phi_{19}^9\ \Phi_{12}^9\ \Phi_6^9\ \Phi_4^6\ \Phi_3^9\ \Phi_2^6\ \Phi_1^9$
156980	1935	1560	$\frac{7}{104}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{97}{312}$	$\Phi_{1560}^2\ \Phi_{780}^2\ \Phi_{390}^2\ \Phi_{312}\ \Phi_{195}^2\ \Phi_{156}\ \Phi_{120}^2\ \Phi_{78}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
156981	1935	208	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{9}{52}$	$\frac{4}{13}$	$\Phi_{208}^{10}\ \Phi_{104}^{10}\ \Phi_{52}^7\ \Phi_{26}^7\ \Phi_{16}^9\ \Phi_{13}^9\ \Phi_8^9\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
156982	1935	400	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{7}{50}$	$\frac{3}{10}$	$\Phi_{400}^6\ \Phi_{200}^6\ \Phi_{100}^6\ \Phi_{80}^2\ \Phi_{50}^3\ \Phi_{40}^2\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
156983	1935	612	$\frac{1}{34}$	$\frac{11}{102}$	$\frac{1}{4}$	$\frac{91}{306}$	$\Phi_{612}^6\ \Phi_{306}^3\ \Phi_{153}^3\ \Phi_{68}^2\ \Phi_{36}^6\ \Phi_{34}\ \Phi_{18}^3\ \Phi_{17}\ \Phi_9^3\ \Phi_4\ \Phi_1$
156984	1935	304	$\frac{1}{38}$	$\frac{37}{304}$	$\frac{1}{4}$	$\frac{89}{304}$	$\Phi_{304}^6\ \Phi_{152}^6\ \Phi_{76}^8\ \Phi_{38}^7\ \Phi_{19}^7\ \Phi_{16}^6\ \Phi_8^6\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
156985	1935	308	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{308}^6\ \Phi_{154}^6\ \Phi_{77}^6\ \Phi_{44}^9\ \Phi_{28}^4\ \Phi_{22}^9\ \Phi_{14}^4\ \Phi_{11}^9\ \Phi_7^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
156986	1935	1120	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{31}{160}$	$\frac{2}{7}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{280}^2\ \Phi_{160}^3\ \Phi_{140}^2\ \Phi_{80}^3\ \Phi_{70}^2\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
156987	1935	952	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{952}^2\ \Phi_{476}^2\ \Phi_{238}^2\ \Phi_{136}^3\ \Phi_{119}^2\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_7^2\ \Phi_1^3$
156988	1935	336	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^4\ \Phi_{84}^6\ \Phi_{56}^4\ \Phi_{48}^9\ \Phi_{42}^6\ \Phi_{28}^4\ \Phi_{24}^9\ \Phi_{21}^6\ \Phi_{16}^6\ \Phi_{14}^4\ \Phi_{12}^9\ \Phi_8^6\ \Phi_7^6\ \Phi_6^9\ \Phi_4^6\ \Phi_3^9\ \Phi_2^6\ \Phi_1^9$
156989	1935	1380	$\frac{1}{46}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{1380}^2\ \Phi_{690}^2\ \Phi_{345}^2\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{69}^2\ \Phi_{60}\ \Phi_{46}\ \Phi_{30}\ \Phi_{23}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
156990	1935	240	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{60}$	$\Phi_{240}^{12}\ \Phi_{120}^{12}\ \Phi_{80}^2\ \Phi_{60}^9\ \Phi_{48}^{12}\ \Phi_{40}^2\ \Phi_{30}^9\ \Phi_{24}^{12}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{15}^9\ \Phi_{12}^9\ \Phi_{10}\ \Phi_8\ \Phi_6^9\ \Phi_5\ \Phi_4\ \Phi_3^9\ \Phi_1$
156991	1935	1012	$\frac{1}{44}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{1012}^2\ \Phi_{506}^2\ \Phi_{253}^2\ \Phi_{92}^2\ \Phi_{46}\ \Phi_{44}\ \Phi_{23}\ \Phi_{22}\ \Phi_{11}\ \Phi_4\ \Phi_1$
156992	1935	967	$\frac{17}{967}$	$\frac{190}{967}$	$\frac{236}{967}$	$\frac{259}{967}$	$\Phi_{967}^2\ \Phi_1^3$
156993	1935	1292	$\frac{11}{646}$	$\frac{127}{646}$	$\frac{1}{4}$	$\frac{173}{646}$	$\Phi_{1292}^2\ \Phi_{646}\ \Phi_{323}\ \Phi_{76}^2\ \Phi_{68}^2\ \Phi_{38}\ \Phi_{34}\ \Phi_{19}\ \Phi_{17}\ \Phi_4\ \Phi_1$
156994	1935	1440	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{23}{96}$	$\frac{73}{288}$	$\Phi_{1440}^2\ \Phi_{720}^2\ \Phi_{360}^2\ \Phi_{288}\ \Phi_{180}^2\ \Phi_{144}\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
156995	1935	428	$\frac{2}{107}$	$\frac{21}{107}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{428}^4\ \Phi_{214}^4\ \Phi_{107}^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^9$
156996	1935	132	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{132}^{18}\ \Phi_{66}^{18}\ \Phi_{44}^9\ \Phi_{33}^{18}\ \Phi_{22}^9\ \Phi_{12}^{14}\ \Phi_{11}^9\ \Phi_6^{13}\ \Phi_4^7\ \Phi_3^{13}\ \Phi_2^6\ \Phi_1^7$
156997	1935	1536	$\frac{3}{128}$	$\frac{1}{6}$	$\frac{125}{512}$	$\frac{1}{4}$	$\Phi_{1536}^2\ \Phi_{768}^2\ \Phi_{512}\ \Phi_{256}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
156998	1935	152	$\frac{1}{38}$	$\frac{23}{152}$	$\frac{37}{152}$	$\frac{1}{4}$	$\Phi_{152}^{12}\ \Phi_{76}^{14}\ \Phi_{38}^{13}\ \Phi_{19}^{13}\ \Phi_8^{12}\ \Phi_4^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
156999	1935	112	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{4}$	$\Phi_{112}^{18}\ \Phi_{56}^{15}\ \Phi_{28}^{17}\ \Phi_{16}^{21}\ \Phi_{14}^{16}\ \Phi_8^{18}\ \Phi_7^{16}\ \Phi_4^{19}\ \Phi_2^{18}\ \Phi_1^{19}$
157000	1935	836	$\frac{1}{19}$	$\frac{18}{209}$	$\frac{191}{836}$	$\frac{1}{4}$	$\Phi_{836}^2\ \Phi_{418}^2\ \Phi_{209}^3\ \Phi_{76}^3\ \Phi_{44}^2\ \Phi_{38}^3\ \Phi_{22}^2\ \Phi_{19}^3\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
157001	1935	272	$\frac{1}{34}$	$\frac{11}{68}$	$\frac{57}{272}$	$\frac{1}{4}$	$\Phi_{272}^9\ \Phi_{136}^9\ \Phi_{68}^2\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}^9\ \Phi_8^9\ \Phi_4\ \Phi_1$
157002	1935	480	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{31}{160}$	$\frac{1}{4}$	$\Phi_{480}^6\ \Phi_{240}^6\ \Phi_{160}^3\ \Phi_{120}^6\ \Phi_{80}^3\ \Phi_{60}^6\ \Phi_{40}^3\ \Phi_{30}^6\ \Phi_{20}^3\ \Phi_{15}^6\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
157003	1935	1200	$\frac{13}{400}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}\ \Phi_{300}^2\ \Phi_{240}^2\ \Phi_{200}\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
157004	1935	136	$\frac{7}{136}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{136}^{15}\ \Phi_{68}^{13}\ \Phi_{34}^{13}\ \Phi_{17}^{15}\ \Phi_8^{15}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{15}$
157005	1935	1344	$\frac{3}{64}$	$\frac{61}{448}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1344}^2\ \Phi_{672}^2\ \Phi_{448}\ \Phi_{336}^2\ \Phi_{224}\ \Phi_{168}^2\ \Phi_{112}\ \Phi_{84}^2\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
157006	1935	408	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{408}^6\ \Phi_{204}^6\ \Phi_{136}^3\ \Phi_{102}^6\ \Phi_{68}^3\ \Phi_{51}^6\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
157007	1935	48	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{48}^{39}\ \Phi_{24}^{39}\ \Phi_{16}^{42}\ \Phi_{12}^{41}\ \Phi_8^{42}\ \Phi_6^{40}\ \Phi_4^{43}\ \Phi_3^{40}\ \Phi_2^{42}\ \Phi_1^{43}$
157008	1935	1248	$\frac{29}{416}$	$\frac{3}{32}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1248}^2\ \Phi_{624}^2\ \Phi_{416}\ \Phi_{312}^2\ \Phi_{208}\ \Phi_{156}^2\ \Phi_{104}\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
157009	1935	784	$\frac{1}{16}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{784}^3\ \Phi_{392}^3\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{49}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
157010	1935	616	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{13}{56}$	$\Phi_{616}^4\ \Phi_{308}^4\ \Phi_{88}^4\ \Phi_{56}^5\ \Phi_{44}^4\ \Phi_{28}^5\ \Phi_{11}^4\ \Phi_8^5\ \Phi_4^5\ \Phi_1^5$
157011	1935	840	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{13}{56}$	$\Phi_{840}^4\ \Phi_{420}^4\ \Phi_{280}^2\ \Phi_{168}^2\ \Phi_{140}^2\ \Phi_{120}^4\ \Phi_{84}^2\ \Phi_{60}^4\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
157012	1935	160	$\frac{1}{16}$	$\frac{1}{10}$	$\frac{31}{160}$	$\frac{9}{40}$	$\Phi_{160}^{15}\ \Phi_{80}^9\ \Phi_{40}^{10}\ \Phi_{32}^{15}\ \Phi_{20}^{10}\ \Phi_{16}^8\ \Phi_{10}^9\ \Phi_8^9\ \Phi_5^9\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
157013	1935	270	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{5}{27}$	$\frac{11}{54}$	$\Phi_{270}^8\ \Phi_{135}^8\ \Phi_{90}^8\ \Phi_{54}^3\ \Phi_{45}^8\ \Phi_{30}^8\ \Phi_{27}^5\ \Phi_{18}^3\ \Phi_{15}^8\ \Phi_{10}^7\ \Phi_9^5\ \Phi_6^3\ \Phi_5^7\ \Phi_3^5\ \Phi_2^2\ \Phi_1^5$
157014	1935	400	$\frac{1}{16}$	$\frac{7}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{400}^5\ \Phi_{200}^5\ \Phi_{100}^5\ \Phi_{80}^6\ \Phi_{50}^2\ \Phi_{40}^6\ \Phi_{25}^3\ \Phi_{20}^6\ \Phi_{16}^5\ \Phi_{10}^3\ \Phi_8^5\ \Phi_5^3\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
157015	1935	528	$\frac{1}{11}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{2}{11}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{176}^4\ \Phi_{132}^4\ \Phi_{88}^4\ \Phi_{48}^5\ \Phi_{44}^4\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_{11}^4\ \Phi_8^5\ \Phi_4^5\ \Phi_1^5$
157016	1935	539	$\frac{1}{11}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{2}{11}$	$\Phi_{539}^4\ \Phi_{49}^5\ \Phi_{11}^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157017	1935	240	$\frac{1}{10}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{240}^{10}\ \Phi_{120}^{10}\ \Phi_{80}^{10}\ \Phi_{60}^{10}\ \Phi_{48}^{5}\ \Phi_{40}^{10}\ \Phi_{30}^{2}\ \Phi_{24}^{5}\ \Phi_{20}^{10}\ \Phi_{16}^{5}\ \Phi_{15}^{2}\ \Phi_{12}^{5}\ \Phi_{10}\ \Phi_{8}^{5}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}^{5}\ \Phi_{3}\ \Phi_{1}$
157018	1935	1260	$\frac{1}{10}$	$\frac{5}{42}$	$\frac{37}{252}$	$\frac{1}{6}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{420}^{2}\ \Phi_{315}^{2}\ \Phi_{252}\ \Phi_{180}^{2}\ \Phi_{140}^{2}\ \Phi_{126}\ \Phi_{90}^{2}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{36}\ \Phi_{30}^{2}\ \Phi_{28}\ \Phi_{20}^{2}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
157019	1935	1470	$\frac{1}{10}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{1470}^{2}\ \Phi_{735}^{2}\ \Phi_{490}\ \Phi_{294}\ \Phi_{245}\ \Phi_{147}\ \Phi_{49}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
157020	1936	483	$\frac{1}{483}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{241}{483}$	$\Phi_{483}^{4}\ \Phi_{161}^{4}\ \Phi_{69}^{4}\ \Phi_{23}^{4}\ \Phi_{21}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
157021	1936	387	$\frac{1}{387}$	$\frac{97}{387}$	$\frac{145}{387}$	$\frac{193}{387}$	$\Phi_{387}^{5}\ \Phi_{129}^{5}\ \Phi_{43}^{5}\ \Phi_{9}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
157022	1936	969	$\frac{1}{323}$	$\frac{81}{323}$	$\frac{1}{3}$	$\frac{161}{323}$	$\Phi_{969}^{3}\ \Phi_{57}^{3}\ \Phi_{51}^{3}\ \Phi_{3}^{2}$
157023	1936	965	$\frac{3}{965}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{481}{965}$	$\Phi_{965}^{2}\ \Phi_{193}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
157024	1936	1687	$\frac{1}{241}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{120}{241}$	$\Phi_{1687}\ \Phi_{241}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
157025	1936	3615	$\frac{1}{241}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{120}{241}$	$\Phi_{3615}\ \Phi_{15}^{2}$
157026	1936	215	$\frac{1}{215}$	$\frac{27}{215}$	$\frac{94}{215}$	$\frac{107}{215}$	$\Phi_{215}^{9}\ \Phi_{43}^{9}\ \Phi_{5}^{9}\ \Phi_{1}^{10}$
157027	1936	645	$\frac{1}{215}$	$\frac{161}{645}$	$\frac{54}{215}$	$\frac{107}{215}$	$\Phi_{645}^{4}\ \Phi_{215}\ \Phi_{129}^{4}\ \Phi_{43}\ \Phi_{15}^{4}\ \Phi_{5}\ \Phi_{3}^{4}\ \Phi_{1}^{2}$
157028	1936	963	$\frac{5}{963}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{479}{963}$	$\Phi_{963}^{2}\ \Phi_{321}^{2}\ \Phi_{107}^{2}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
157029	1936	700	$\frac{1}{175}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{87}{175}$	$\Phi_{700}^{5}\ \Phi_{175}\ \Phi_{140}^{5}\ \Phi_{100}^{5}\ \Phi_{35}\ \Phi_{28}^{5}\ \Phi_{25}\ \Phi_{20}^{6}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
157030	1936	525	$\frac{1}{175}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{87}{175}$	$\Phi_{525}^{5}\ \Phi_{175}\ \Phi_{105}^{5}\ \Phi_{75}^{5}\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}^{5}\ \Phi_{15}^{6}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
157031	1936	485	$\frac{3}{485}$	$\frac{1}{5}$	$\frac{122}{485}$	$\frac{241}{485}$	$\Phi_{485}^{4}\ \Phi_{97}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
157032	1936	1935	$\frac{13}{1935}$	$\frac{362}{1935}$	$\frac{487}{1935}$	$\frac{961}{1935}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{387}\ \Phi_{215}\ \Phi_{129}\ \Phi_{45}\ \Phi_{43}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
157033	1936	969	$\frac{7}{969}$	$\frac{122}{969}$	$\frac{1}{3}$	$\frac{481}{969}$	$\Phi_{969}^{2}\ \Phi_{323}^{2}\ \Phi_{57}^{2}\ \Phi_{51}^{2}\ \Phi_{19}^{2}\ \Phi_{17}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
157034	1936	903	$\frac{1}{129}$	$\frac{65}{903}$	$\frac{419}{903}$	$\frac{64}{129}$	$\Phi_{903}^{2}\ \Phi_{301}^{2}\ \Phi_{129}^{3}\ \Phi_{43}^{3}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
157035	1936	240	$\frac{1}{120}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{119}{240}$	$\Phi_{240}^{16}\ \Phi_{80}^{16}\ \Phi_{48}^{16}\ \Phi_{16}^{16}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
157036	1936	720	$\frac{1}{120}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{119}{240}$	$\Phi_{720}^{6}\ \Phi_{240}^{4}\ \Phi_{144}^{6}\ \Phi_{80}^{4}\ \Phi_{48}^{4}\ \Phi_{16}^{4}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
157037	1936	240	$\frac{1}{120}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{119}{240}$	$\Phi_{240}^{16}\ \Phi_{80}^{16}\ \Phi_{48}^{16}\ \Phi_{16}^{16}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
157038	1936	1917	$\frac{19}{1917}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{949}{1917}$	$\Phi_{1917}\ \Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_{27}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
157039	1936	1455	$\frac{1}{97}$	$\frac{49}{291}$	$\frac{1}{5}$	$\frac{48}{97}$	$\Phi_{1455}^{2}\ \Phi_{485}\ \Phi_{15}^{2}$
157040	1936	609	$\frac{1}{87}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{43}{87}$	$\Phi_{609}^{3}\ \Phi_{203}^{3}\ \Phi_{87}^{4}\ \Phi_{29}^{4}\ \Phi_{21}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
157041	1936	348	$\frac{1}{87}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{43}{87}$	$\Phi_{348}^{6}\ \Phi_{174}^{6}\ \Phi_{116}^{6}\ \Phi_{87}^{4}\ \Phi_{58}^{6}\ \Phi_{29}^{4}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
157042	1936	1218	$\frac{1}{87}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{43}{87}$	$\Phi_{1218}^{2}\ \Phi_{609}\ \Phi_{406}^{2}\ \Phi_{203}\ \Phi_{174}^{2}\ \Phi_{87}^{2}\ \Phi_{58}^{2}\ \Phi_{42}^{2}\ \Phi_{29}^{2}\ \Phi_{21}\ \Phi_{14}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
157043	1936	1935	$\frac{23}{1935}$	$\frac{89}{1935}$	$\frac{923}{1935}$	$\frac{956}{1935}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{387}\ \Phi_{215}\ \Phi_{129}\ \Phi_{45}\ \Phi_{43}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
157044	1936	162	$\frac{1}{81}$	$\frac{1}{9}$	$\frac{41}{162}$	$\frac{40}{81}$	$\Phi_{162}^{16}\ \Phi_{81}^{8}\ \Phi_{54}^{16}\ \Phi_{27}^{8}\ \Phi_{18}^{16}\ \Phi_{9}^{7}\ \Phi_{6}^{16}\ \Phi_{3}^{7}\ \Phi_{2}^{16}\ \Phi_{1}^{8}$
157045	1936	477	$\frac{7}{477}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{235}{477}$	$\Phi_{477}^{4}\ \Phi_{159}^{4}\ \Phi_{53}^{4}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
157046	1936	714	$\frac{2}{119}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{117}{238}$	$\Phi_{714}^{8}\ \Phi_{102}^{8}\ \Phi_{51}\ \Phi_{42}^{8}\ \Phi_{6}^{8}$
157047	1936	708	$\frac{1}{59}$	$\frac{1}{12}$	$\frac{15}{59}$	$\frac{29}{59}$	$\Phi_{708}^{3}\ \Phi_{354}^{3}\ \Phi_{236}^{3}\ \Phi_{177}^{3}\ \Phi_{118}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
157048	1936	513	$\frac{1}{57}$	$\frac{29}{513}$	$\frac{1}{3}$	$\frac{28}{57}$	$\Phi_{513}^{4}\ \Phi_{171}^{4}\ \Phi_{57}^{2}\ \Phi_{27}^{4}\ \Phi_{19}^{2}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
157049	1936	1425	$\frac{9}{475}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{233}{475}$	$\Phi_{1425}^{2}\ \Phi_{285}^{2}\ \Phi_{75}^{2}\ \Phi_{57}^{3}\ \Phi_{15}^{2}\ \Phi_{3}^{2}$
157050	1936	255	$\frac{1}{51}$	$\frac{13}{255}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{255}^{8}\ \Phi_{85}^{8}\ \Phi_{51}^{6}\ \Phi_{17}^{6}\ \Phi_{15}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
157051	1936	1935	$\frac{41}{1935}$	$\frac{131}{1935}$	$\frac{494}{1935}$	$\frac{947}{1935}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{387}\ \Phi_{215}\ \Phi_{129}\ \Phi_{45}\ \Phi_{43}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
157052	1936	969	$\frac{7}{323}$	$\frac{15}{323}$	$\frac{1}{3}$	$\frac{158}{323}$	$\Phi_{969}^{3}\ \Phi_{57}^{3}\ \Phi_{51}^{3}\ \Phi_{3}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157053	1936	945	$\frac{1}{45}$	$\frac{23}{945}$	$\frac{461}{945}$	$\frac{22}{45}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{135}^{2}\ \Phi_{105}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{3}\ \Phi_{35}^{2}\ \Phi_{27}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
157054	1936	315	$\frac{1}{45}$	$\frac{23}{315}$	$\frac{73}{315}$	$\frac{22}{45}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{63}^{6}\ \Phi_{45}^{7}\ \Phi_{35}^{6}\ \Phi_{21}^{6}\ \Phi_{15}^{7}\ \Phi_{9}^{7}\ \Phi_{7}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
157055	1936	135	$\frac{1}{45}$	$\frac{14}{135}$	$\frac{23}{135}$	$\frac{22}{45}$	$\Phi_{135}^{14}\ \Phi_{45}^{15}\ \Phi_{27}^{14}\ \Phi_{15}^{15}\ \Phi_{9}^{15}\ \Phi_{5}^{15}\ \Phi_{3}^{15}\ \Phi_{1}^{16}$
157056	1936	43	$\frac{1}{43}$	$\frac{1}{43}$	$\frac{21}{43}$	$\frac{21}{43}$	$\Phi_{43}^{45}\ \Phi_{1}^{46}$
157057	1936	2967	$\frac{1}{43}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{2967}\ \Phi_{69}^{2}$
157058	1936	129	$\frac{1}{43}$	$\frac{2}{43}$	$\frac{41}{129}$	$\frac{21}{43}$	$\Phi_{129}^{22}\ \Phi_{43}\ \Phi_{3}^{22}\ \Phi_{1}^{2}$
157059	1936	129	$\frac{1}{43}$	$\frac{8}{129}$	$\frac{11}{43}$	$\frac{21}{43}$	$\Phi_{129}^{16}\ \Phi_{43}^{13}\ \Phi_{3}^{16}\ \Phi_{1}^{14}$
157060	1936	43	$\frac{1}{43}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{21}{43}$	$\Phi_{43}^{45}\ \Phi_{1}^{46}$
157061	1936	2580	$\frac{1}{43}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{21}{43}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{860}\ \Phi_{645}\ \Phi_{430}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
157062	1936	945	$\frac{23}{945}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{461}{945}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{135}^{2}\ \Phi_{105}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{35}^{2}\ \Phi_{27}^{4}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
157063	1936	1887	$\frac{49}{1887}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{919}{1887}$	$\Phi_{1887}\ \Phi_{629}\ \Phi_{111}\ \Phi_{51}^{2}\ \Phi_{37}\ \Phi_{17}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
157064	1936	171	$\frac{5}{171}$	$\frac{2}{57}$	$\frac{1}{3}$	$\frac{83}{171}$	$\Phi_{171}^{11}\ \Phi_{57}^{12}\ \Phi_{19}^{12}\ \Phi_{9}^{11}\ \Phi_{3}^{11}\ \Phi_{1}^{12}$
157065	1936	1875	$\frac{61}{1875}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{907}{1875}$	$\Phi_{1875}\ \Phi_{625}\ \Phi_{375}\ \Phi_{125}\ \Phi_{75}^{2}\ \Phi_{25}^{2}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
157066	1936	2047	$\frac{3}{89}$	$\frac{1}{23}$	$\frac{23}{89}$	$\frac{43}{89}$	Φ_{2047}
157067	1936	234	$\frac{4}{117}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{113}{234}$	$\Phi_{234}^{16}\ \Phi_{78}^{16}\ \Phi_{26}^{16}\ \Phi_{18}^{16}\ \Phi_{9}^{7}\ \Phi_{6}^{16}\ \Phi_{3}^{7}\ \Phi_{2}^{16}\ \Phi_{1}^{8}$
157068	1936	1935	$\frac{67}{1935}$	$\frac{91}{1935}$	$\frac{461}{1935}$	$\frac{934}{1935}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{387}\ \Phi_{215}\ \Phi_{129}\ \Phi_{45}\ \Phi_{43}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
157069	1936	585	$\frac{7}{195}$	$\frac{1}{15}$	$\frac{101}{585}$	$\frac{94}{195}$	$\Phi_{585}^{4}\ \Phi_{195}^{2}\ \Phi_{117}^{4}\ \Phi_{65}^{2}\ \Phi_{45}^{4}\ \Phi_{39}^{2}\ \Phi_{15}\ \Phi_{13}^{2}\ \Phi_{9}^{4}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
157070	1936	135	$\frac{1}{27}$	$\frac{14}{135}$	$\frac{1}{9}$	$\frac{13}{27}$	$\Phi_{135}^{16}\ \Phi_{45}^{16}\ \Phi_{27}^{8}\ \Phi_{15}^{16}\ \Phi_{9}^{7}\ \Phi_{5}^{16}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
157071	1936	1863	$\frac{73}{1863}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{895}{1863}$	$\Phi_{1863}\ \Phi_{621}\ \Phi_{207}\ \Phi_{81}^{2}\ \Phi_{69}\ \Phi_{27}^{2}\ \Phi_{23}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
157072	1936	708	$\frac{7}{177}$	$\frac{1}{12}$	$\frac{23}{177}$	$\frac{85}{177}$	$\Phi_{708}^{3}\ \Phi_{354}^{3}\ \Phi_{236}^{3}\ \Phi_{177}^{2}\ \Phi_{118}^{3}\ \Phi_{59}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
157073	1936	215	$\frac{9}{215}$	$\frac{17}{215}$	$\frac{28}{215}$	$\frac{103}{215}$	$\Phi_{215}^{9}\ \Phi_{43}^{9}\ \Phi_{5}^{9}\ \Phi_{1}^{10}$
157074	1936	485	$\frac{21}{485}$	$\frac{23}{485}$	$\frac{1}{5}$	$\frac{232}{485}$	$\Phi_{485}^{4}\ \Phi_{97}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
157075	1936	387	$\frac{13}{387}$	$\frac{17}{387}$	$\frac{101}{387}$	$\frac{185}{387}$	$\Phi_{387}^{5}\ \Phi_{129}^{5}\ \Phi_{43}^{5}\ \Phi_{9}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
157076	1936	969	$\frac{23}{969}$	$\frac{43}{969}$	$\frac{1}{3}$	$\frac{463}{969}$	$\Phi_{969}^{2}\ \Phi_{323}^{2}\ \Phi_{57}^{2}\ \Phi_{51}^{2}\ \Phi_{19}^{2}\ \Phi_{17}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
157077	1936	315	$\frac{1}{45}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{63}^{6}\ \Phi_{45}^{8}\ \Phi_{35}^{6}\ \Phi_{21}^{4}\ \Phi_{15}^{8}\ \Phi_{9}^{8}\ \Phi_{7}^{4}\ \Phi_{5}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
157078	1936	609	$\frac{1}{29}$	$\frac{1}{21}$	$\frac{7}{29}$	$\frac{10}{21}$	$\Phi_{609}^{3}\ \Phi_{203}^{3}\ \Phi_{87}^{3}\ \Phi_{29}^{6}\ \Phi_{21}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
157079	1936	2415	$\frac{1}{23}$	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{10}{21}$	$\Phi_{2415}\ \Phi_{805}\ \Phi_{345}\ \Phi_{115}^{2}$
157080	1936	609	$\frac{1}{21}$	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{10}{21}$	$\Phi_{609}^{3}\ \Phi_{203}^{3}\ \Phi_{87}^{4}\ \Phi_{29}^{4}\ \Phi_{21}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
157081	1936	252	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{10}{21}$	$\Phi_{252}^{9}\ \Phi_{126}^{9}\ \Phi_{84}^{6}\ \Phi_{63}^{6}\ \Phi_{42}^{6}\ \Phi_{36}^{12}\ \Phi_{28}^{6}\ \Phi_{21}^{4}\ \Phi_{18}^{12}\ \Phi_{14}^{6}\ \Phi_{12}^{8}\ \Phi_{9}^{8}\ \Phi_{7}^{4}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
157082	1936	741	$\frac{5}{247}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{741}^{4}\ \Phi_{57}^{3}\ \Phi_{39}^{4}\ \Phi_{3}^{2}$
157083	1936	129	$\frac{7}{129}$	$\frac{8}{129}$	$\frac{17}{129}$	$\frac{61}{129}$	$\Phi_{129}^{15}\ \Phi_{43}^{15}\ \Phi_{3}^{15}\ \Phi_{1}^{16}$
157084	1936	459	$\frac{1}{51}$	$\frac{25}{459}$	$\frac{1}{3}$	$\frac{217}{459}$	$\Phi_{459}^{4}\ \Phi_{153}^{4}\ \Phi_{51}^{6}\ \Phi_{27}^{4}\ \Phi_{17}^{6}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
157085	1936	459	$\frac{25}{459}$	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{217}{459}$	$\Phi_{459}^{4}\ \Phi_{153}^{4}\ \Phi_{51}^{4}\ \Phi_{27}^{8}\ \Phi_{17}^{4}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
157086	1936	1479	$\frac{9}{493}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{1479}^{2}\ \Phi_{87}^{2}\ \Phi_{51}$
157087	1936	228	$\frac{1}{57}$	$\frac{7}{114}$	$\frac{1}{3}$	$\frac{107}{228}$	$\Phi_{228}^{16}\ \Phi_{76}^{16}\ \Phi_{57}^{2}\ \Phi_{19}^{2}\ \Phi_{12}^{16}\ \Phi_{4}^{16}\ \Phi_{3}\ \Phi_{1}^{2}$
157088	1936	615	$\frac{2}{123}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{615}^{3}\ \Phi_{205}^{3}\ \Phi_{123}^{4}\ \Phi_{41}^{4}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
157089	1936	180	$\frac{1}{60}$	$\frac{1}{15}$	$\frac{59}{180}$	$\frac{7}{15}$	$\Phi_{180}^{16}\ \Phi_{90}^{16}\ \Phi_{45}^{16}\ \Phi_{36}^{16}\ \Phi_{18}^{16}\ \Phi_{15}\ \Phi_{9}^{16}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
157090	1936	45	$\frac{1}{45}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{45}^{44}\ \Phi_{15}^{41}\ \Phi_{9}^{44}\ \Phi_{5}^{41}\ \Phi_{3}^{41}\ \Phi_{1}^{42}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157091	1936	1860	$\frac{3}{124}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{465}\ \Phi_{372}\ \Phi_{310}\ \Phi_{186}\ \Phi_{155}\ \Phi_{124}^2\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
157092	1936	480	$\frac{1}{40}$	$\frac{1}{15}$	$\frac{39}{160}$	$\frac{7}{15}$	$\Phi_{480}^5\ \Phi_{240}^5\ \Phi_{160}^6\ \Phi_{96}^5\ \Phi_{80}^6\ \Phi_{48}^5\ \Phi_{32}^6\ \Phi_{16}^6\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
157093	1936	375	$\frac{4}{125}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{375}^5\ \Phi_{125}^6\ \Phi_{75}^5\ \Phi_{25}^6\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
157094	1936	150	$\frac{1}{30}$	$\frac{1}{15}$	$\frac{29}{150}$	$\frac{7}{15}$	$\Phi_{150}^{16}\ \Phi_{75}^{16}\ \Phi_{50}^{16}\ \Phi_{25}^{16}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
157095	1936	630	$\frac{5}{126}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{126}^4\ \Phi_{105}^3\ \Phi_{90}^3\ \Phi_{70}^3\ \Phi_{63}^4\ \Phi_{45}^3\ \Phi_{42}^4\ \Phi_{35}^3\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{14}^4\ \Phi_9^4\ \Phi_7^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
157096	1936	720	$\frac{1}{24}$	$\frac{1}{15}$	$\frac{23}{144}$	$\frac{7}{15}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{144}^4\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{72}^4\ \Phi_{48}^4\ \Phi_{45}^3\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{16}^4\ \Phi_{15}\ \Phi_9^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
157097	1936	420	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{19}{140}$	$\frac{7}{15}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^6\ \Phi_{105}^5\ \Phi_{84}^5\ \Phi_{70}^6\ \Phi_{42}^5\ \Phi_{35}^6\ \Phi_{28}^6\ \Phi_{21}^5\ \Phi_{15}\ \Phi_{14}^6\ \Phi_7^6\ \Phi_5\ \Phi_3\ \Phi_1^2$
157098	1936	255	$\frac{13}{255}$	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{7}{15}$	$\Phi_{255}^8\ \Phi_{85}^8\ \Phi_{51}^8\ \Phi_{17}^8\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
157099	1936	1920	$\frac{7}{128}$	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{15}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}^2\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
157100	1936	135	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{7}{15}$	$\Phi_{135}^{16}\ \Phi_{45}^{16}\ \Phi_{27}^{16}\ \Phi_{15}\ \Phi_9^{16}\ \Phi_5\ \Phi_3\ \Phi_1^2$
157101	1936	390	$\frac{1}{15}$	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{7}{15}$	$\Phi_{390}^5\ \Phi_{195}^5\ \Phi_{130}^6\ \Phi_{78}^5\ \Phi_{65}^6\ \Phi_{39}^5\ \Phi_{26}^6\ \Phi_{15}\ \Phi_{13}^6\ \Phi_5\ \Phi_3\ \Phi_1^2$
157102	1936	60	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{7}{15}$	$\Phi_{60}^{30}\ \Phi_{30}^{30}\ \Phi_{20}^{30}\ \Phi_{15}^{31}\ \Phi_{12}^{40}\ \Phi_{10}^{30}\ \Phi_6^{40}\ \Phi_5^{31}\ \Phi_4^{40}\ \Phi_3^{41}\ \Phi_2^{40}\ \Phi_1^{42}$
157103	1936	1935	$\frac{47}{1935}$	$\frac{133}{1935}$	$\frac{472}{1935}$	$\frac{901}{1935}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{387}\ \Phi_{215}\ \Phi_{129}\ \Phi_{45}\ \Phi_{43}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
157104	1936	225	$\frac{1}{45}$	$\frac{17}{225}$	$\frac{11}{45}$	$\frac{104}{225}$	$\Phi_{225}^8\ \Phi_{75}^8\ \Phi_{45}^{11}\ \Phi_{25}^8\ \Phi_{15}^{11}\ \Phi_9^{11}\ \Phi_5^{11}\ \Phi_3^{11}\ \Phi_1^{12}$
157105	1936	225	$\frac{1}{15}$	$\frac{17}{225}$	$\frac{7}{75}$	$\frac{104}{225}$	$\Phi_{225}^8\ \Phi_{75}^{10}\ \Phi_{45}^8\ \Phi_{25}^{10}\ \Phi_{15}^9\ \Phi_9^8\ \Phi_5^9\ \Phi_3^9\ \Phi_1^{10}$
157106	1936	2047	$\frac{1}{23}$	$\frac{7}{89}$	$\frac{12}{89}$	$\frac{41}{89}$	Φ_{2047}
157107	1936	387	$\frac{19}{387}$	$\frac{31}{387}$	$\frac{46}{387}$	$\frac{178}{387}$	$\Phi_{387}^5\ \Phi_{129}^5\ \Phi_{43}^5\ \Phi_9^5\ \Phi_3^5\ \Phi_1^6$
157108	1936	1935	$\frac{131}{1935}$	$\frac{161}{1935}$	$\frac{164}{1935}$	$\frac{887}{1935}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{387}\ \Phi_{215}\ \Phi_{129}\ \Phi_{45}\ \Phi_{43}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
157109	1936	708	$\frac{4}{59}$	$\frac{1}{12}$	$\frac{5}{59}$	$\frac{27}{59}$	$\Phi_{708}^3\ \Phi_{354}^3\ \Phi_{236}^3\ \Phi_{177}^3\ \Phi_{118}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2$
157110	1936	81	$\frac{4}{81}$	$\frac{7}{81}$	$\frac{1}{9}$	$\frac{37}{81}$	$\Phi_{81}^{24}\ \Phi_{27}^{24}\ \Phi_9^{23}\ \Phi_3^{23}\ \Phi_1^{24}$
157111	1936	1935	$\frac{76}{1935}$	$\frac{169}{1935}$	$\frac{263}{1935}$	$\frac{883}{1935}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{387}\ \Phi_{215}\ \Phi_{129}\ \Phi_{45}\ \Phi_{43}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
157112	1936	485	$\frac{12}{485}$	$\frac{43}{485}$	$\frac{1}{5}$	$\frac{221}{485}$	$\Phi_{485}^4\ \Phi_{97}^4\ \Phi_5^3\ \Phi_1^4$
157113	1936	1935	$\frac{32}{1935}$	$\frac{173}{1935}$	$\frac{527}{1935}$	$\frac{881}{1935}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{387}\ \Phi_{215}\ \Phi_{129}\ \Phi_{45}\ \Phi_{43}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
157114	1936	969	$\frac{4}{323}$	$\frac{29}{323}$	$\frac{1}{3}$	$\frac{147}{323}$	$\Phi_{969}^3\ \Phi_{57}^3\ \Phi_{51}^3\ \Phi_3^2$
157115	1936	525	$\frac{1}{15}$	$\frac{41}{525}$	$\frac{7}{75}$	$\frac{34}{75}$	$\Phi_{525}^4\ \Phi_{175}^4\ \Phi_{105}^4\ \Phi_{75}^2\ \Phi_{35}^4\ \Phi_{25}^2\ \Phi_{21}^4\ \Phi_{15}\ \Phi_7^4\ \Phi_5\ \Phi_3\ \Phi_1^2$
157116	1936	5340	$\frac{1}{89}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{5340}\ \Phi_{1068}\ \Phi_{267}$
157117	1936	700	$\frac{3}{175}$	$\frac{1}{10}$	$\frac{43}{175}$	$\frac{9}{20}$	$\Phi_{700}^5\ \Phi_{175}\ \Phi_{140}^5\ \Phi_{100}^5\ \Phi_{35}\ \Phi_{28}^5\ \Phi_{25}\ \Phi_{20}^6\ \Phi_7\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
157118	1936	180	$\frac{1}{45}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{180}^{20}\ \Phi_{60}^{20}\ \Phi_{45}^4\ \Phi_{36}^{20}\ \Phi_{20}^{16}\ \Phi_{15}^4\ \Phi_{12}^{20}\ \Phi_9^4\ \Phi_5^3\ \Phi_4^{16}\ \Phi_3^4\ \Phi_1^4$
157119	1936	420	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{17}{105}$	$\frac{9}{20}$	$\Phi_{420}^{10}\ \Phi_{140}^5\ \Phi_{105}^2\ \Phi_{84}^{10}\ \Phi_{60}^{10}\ \Phi_{35}\ \Phi_{28}^5\ \Phi_{21}^2\ \Phi_{20}^6\ \Phi_{15}^2\ \Phi_{12}^{10}\ \Phi_7\ \Phi_5\ \Phi_4^6\ \Phi_3^2\ \Phi_1^2$
157120	1936	1820	$\frac{3}{91}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{1820}^2\ \Phi_{364}^2\ \Phi_{260}^2\ \Phi_{140}\ \Phi_{91}^2\ \Phi_{52}^2\ \Phi_{28}\ \Phi_{20}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
157121	1936	100	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{3}{25}$	$\frac{9}{20}$	$\Phi_{100}^{35}\ \Phi_{25}^7\ \Phi_{20}^{36}\ \Phi_5^7\ \Phi_4^{36}\ \Phi_1^8$
157122	1936	4140	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{4140}\ \Phi_{1380}\ \Phi_{828}\ \Phi_{276}\ \Phi_{207}\ \Phi_{69}$
157123	1936	140	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{140}^{25}\ \Phi_{35}^5\ \Phi_{28}^{25}\ \Phi_{20}^{26}\ \Phi_7^5\ \Phi_5^5\ \Phi_4^{26}\ \Phi_1^6$
157124	1936	1020	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}\ \Phi_{255}^2\ \Phi_{204}^3\ \Phi_{170}^2\ \Phi_{102}^3\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{51}^3\ \Phi_{34}^3\ \Phi_{17}^2$
157125	1936	1755	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{181}{1755}$	$\frac{787}{1755}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}^2\ \Phi_{135}\ \Phi_{117}\ \Phi_{65}^2\ \Phi_{45}\ \Phi_{39}^2\ \Phi_{27}\ \Phi_{15}\ \Phi_{13}^2\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
157126	1936	135	$\frac{1}{45}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{135}^{18}\ \Phi_{45}^8\ \Phi_{27}^{16}\ \Phi_{15}^8\ \Phi_9^7\ \Phi_5^8\ \Phi_3^7\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157127	1936	126	$\frac{5}{126}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{126}^{16}\ \Phi_{63}^{16}\ \Phi_{42}^{16}\ \Phi_{21}^{16}\ \Phi_{18}^{16}\ \Phi_{14}^{16}\ \Phi_{9}^{7}\ \Phi_{7}^{16}\ \Phi_{6}^{16}\ \Phi_{3}^{7}\ \Phi_{2}^{16}\ \Phi_{1}^{8}$
157128	1936	1935	$\frac{98}{1935}$	$\frac{167}{1935}$	$\frac{221}{1935}$	$\frac{857}{1935}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{387}\ \Phi_{215}\ \Phi_{129}\ \Phi_{45}\ \Phi_{43}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
157129	1936	129	$\frac{8}{129}$	$\frac{3}{43}$	$\frac{5}{43}$	$\frac{19}{43}$	$\Phi_{129}^{16}\ \Phi_{43}^{13}\ \Phi_{3}^{16}\ \Phi_{1}^{14}$
157130	1936	708	$\frac{3}{59}$	$\frac{1}{12}$	$\frac{7}{59}$	$\frac{26}{59}$	$\Phi_{708}^{3}\ \Phi_{354}^{3}\ \Phi_{236}^{3}\ \Phi_{177}^{3}\ \Phi_{118}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
157131	1936	216	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{13}{108}$	$\frac{95}{216}$	$\Phi_{216}^{16}\ \Phi_{72}^{16}\ \Phi_{27}^{8}\ \Phi_{24}^{16}\ \Phi_{9}^{7}\ \Phi_{8}^{16}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
157132	1936	215	$\frac{7}{215}$	$\frac{26}{215}$	$\frac{27}{215}$	$\frac{94}{215}$	$\Phi_{215}^{9}\ \Phi_{43}^{9}\ \Phi_{5}^{9}\ \Phi_{1}^{10}$
157133	1936	1701	$\frac{8}{243}$	$\frac{1}{9}$	$\frac{235}{1701}$	$\frac{733}{1701}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{243}^{2}\ \Phi_{189}\ \Phi_{81}^{2}\ \Phi_{63}\ \Phi_{27}^{2}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
157134	1936	2562	$\frac{1}{122}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{2562}\ \Phi_{1281}\ \Phi_{366}^{2}\ \Phi_{183}^{2}\ \Phi_{42}\ \Phi_{6}^{2}$
157135	1936	1687	$\frac{10}{241}$	$\frac{21}{241}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1687}\ \Phi_{241}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
157136	1936	1932	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{276}^{2}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{69}^{2}\ \Phi_{46}^{2}$
157137	1936	2074	$\frac{1}{122}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{2074}\ \Phi_{1037}\ \Phi_{34}$
157138	1936	405	$\frac{2}{81}$	$\frac{1}{9}$	$\frac{79}{405}$	$\frac{163}{405}$	$\Phi_{405}^{4}\ \Phi_{135}^{4}\ \Phi_{81}^{8}\ \Phi_{45}^{4}\ \Phi_{27}^{8}\ \Phi_{15}^{4}\ \Phi_{9}^{7}\ \Phi_{5}^{4}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
157139	1936	245	$\frac{3}{245}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{245}^{8}\ \Phi_{49}^{8}\ \Phi_{35}^{8}\ \Phi_{7}^{8}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
157140	1936	225	$\frac{1}{45}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{225}^{10}\ \Phi_{75}^{10}\ \Phi_{45}^{4}\ \Phi_{25}^{8}\ \Phi_{15}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
157141	1936	1062	$\frac{1}{177}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1062}^{3}\ \Phi_{354}^{3}\ \Phi_{177}^{2}\ \Phi_{118}^{3}\ \Phi_{59}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
157142	1936	90	$\frac{1}{45}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{90}^{36}\ \Phi_{45}^{8}\ \Phi_{30}^{36}\ \Phi_{18}^{32}\ \Phi_{15}^{8}\ \Phi_{10}^{36}\ \Phi_{9}^{7}\ \Phi_{6}^{32}\ \Phi_{5}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{32}\ \Phi_{1}^{8}$
157143	1936	215	$\frac{6}{215}$	$\frac{19}{215}$	$\frac{49}{215}$	$\frac{83}{215}$	$\Phi_{215}^{9}\ \Phi_{43}^{9}\ \Phi_{5}^{9}\ \Phi_{1}^{10}$
157144	1936	2047	$\frac{1}{23}$	$\frac{5}{89}$	$\frac{21}{89}$	$\frac{34}{89}$	Φ_{2047}
157145	1936	1935	$\frac{83}{1935}$	$\frac{109}{1935}$	$\frac{463}{1935}$	$\frac{736}{1935}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{387}\ \Phi_{215}\ \Phi_{129}\ \Phi_{45}\ \Phi_{43}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
157146	1936	129	$\frac{5}{129}$	$\frac{8}{129}$	$\frac{31}{129}$	$\frac{49}{129}$	$\Phi_{129}^{15}\ \Phi_{43}^{15}\ \Phi_{3}^{15}\ \Phi_{1}^{16}$
157147	1936	195	$\frac{7}{195}$	$\frac{1}{15}$	$\frac{47}{195}$	$\frac{74}{195}$	$\Phi_{195}^{10}\ \Phi_{65}^{10}\ \Phi_{39}^{10}\ \Phi_{15}^{9}\ \Phi_{13}^{10}\ \Phi_{5}^{9}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
157148	1936	708	$\frac{5}{177}$	$\frac{1}{12}$	$\frac{43}{177}$	$\frac{67}{177}$	$\Phi_{708}^{3}\ \Phi_{354}^{3}\ \Phi_{236}^{3}\ \Phi_{177}^{2}\ \Phi_{118}^{3}\ \Phi_{59}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
157149	1936	135	$\frac{1}{45}$	$\frac{14}{135}$	$\frac{11}{45}$	$\frac{17}{45}$	$\Phi_{135}^{16}\ \Phi_{45}^{11}\ \Phi_{27}^{16}\ \Phi_{15}^{11}\ \Phi_{9}^{11}\ \Phi_{5}^{11}\ \Phi_{3}^{11}\ \Phi_{1}^{12}$
157150	1936	970	$\frac{1}{97}$	$\frac{1}{5}$	$\frac{24}{97}$	$\frac{73}{194}$	$\Phi_{970}^{4}\ \Phi_{485}\ \Phi_{10}^{4}$
157151	1936	1935	$\frac{11}{1935}$	$\frac{481}{1935}$	$\frac{604}{1935}$	$\frac{727}{1935}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{387}\ \Phi_{215}\ \Phi_{129}\ \Phi_{45}\ \Phi_{43}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
157152	1936	969	$\frac{5}{969}$	$\frac{241}{969}$	$\frac{1}{3}$	$\frac{364}{969}$	$\Phi_{969}^{2}\ \Phi_{323}^{2}\ \Phi_{57}^{2}\ \Phi_{51}^{2}\ \Phi_{19}^{2}\ \Phi_{17}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
157153	1936	2832	$\frac{1}{177}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{2832}\ \Phi_{944}\ \Phi_{708}\ \Phi_{354}\ \Phi_{236}\ \Phi_{118}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
157154	1936	387	$\frac{1}{129}$	$\frac{32}{129}$	$\frac{97}{387}$	$\frac{145}{387}$	$\Phi_{387}^{4}\ \Phi_{129}^{7}\ \Phi_{43}^{7}\ \Phi_{9}^{4}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
157155	1936	135	$\frac{1}{45}$	$\frac{4}{45}$	$\frac{41}{135}$	$\frac{47}{135}$	$\Phi_{135}^{11}\ \Phi_{45}^{21}\ \Phi_{27}^{11}\ \Phi_{15}^{21}\ \Phi_{9}^{21}\ \Phi_{5}^{21}\ \Phi_{3}^{21}\ \Phi_{1}^{22}$
157156	1936	729	$\frac{4}{243}$	$\frac{1}{9}$	$\frac{239}{729}$	$\frac{245}{729}$	$\Phi_{729}^{2}\ \Phi_{243}^{4}\ \Phi_{81}^{4}\ \Phi_{27}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
157157	1936	1455	$\frac{4}{485}$	$\frac{1}{5}$	$\frac{481}{1455}$	$\frac{487}{1455}$	$\Phi_{1455}\ \Phi_{485}^{2}\ \Phi_{291}\ \Phi_{97}^{2}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
157158	1936	243	$\frac{1}{243}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{243}^{8}\ \Phi_{81}^{8}\ \Phi_{27}^{8}\ \Phi_{9}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
157159	1936	1449	$\frac{2}{483}$	$\frac{481}{1449}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1449}^{2}\ \Phi_{207}^{2}\ \Phi_{63}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
157160	1936	483	$\frac{1}{161}$	$\frac{40}{161}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{483}^{3}\ \Phi_{161}^{6}\ \Phi_{69}^{3}\ \Phi_{23}^{6}\ \Phi_{21}^{3}\ \Phi_{7}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
157161	1936	1830	$\frac{1}{122}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1830}\ \Phi_{915}\ \Phi_{610}^{2}\ \Phi_{305}^{2}\ \Phi_{30}\ \Phi_{10}^{2}$
157162	1936	735	$\frac{3}{245}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{735}^{2}\ \Phi_{245}^{4}\ \Phi_{147}^{2}\ \Phi_{105}^{2}\ \Phi_{49}^{4}\ \Phi_{35}^{4}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
157163	1936	138	$\frac{1}{69}$	$\frac{17}{138}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{138}^{16}\ \Phi_{69}^{12}\ \Phi_{46}^{16}\ \Phi_{23}^{12}\ \Phi_{6}^{16}\ \Phi_{3}^{13}\ \Phi_{2}^{16}\ \Phi_{1}^{14}$
157164	1936	369	$\frac{2}{123}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{369}^{6}\ \Phi_{123}^{4}\ \Phi_{41}^{4}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
157165	1936	987	$\frac{19}{987}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{987}^{2}\ \Phi_{329}^{2}\ \Phi_{141}^{2}\ \Phi_{47}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157166	1936	483	$\frac{10}{483}$	$\frac{43}{483}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{483}^{4}\ \Phi_{161}^{4}\ \Phi_{69}^{4}\ \Phi_{23}^{4}\ \Phi_{21}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
157167	1936	180	$\frac{1}{45}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}^{12}\ \Phi_{45}^{8}\ \Phi_{36}^{12}\ \Phi_{30}^{12}\ \Phi_{20}^{12}\ \Phi_{18}^{12}\ \Phi_{15}^{8}\ \Phi_{12}^{8}\ \Phi_{10}^{12}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
157168	1936	1035	$\frac{2}{69}$	$\frac{67}{1035}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1035}^{2}\ \Phi_{345}^{2}\ \Phi_{207}^{2}\ \Phi_{115}^{2}\ \Phi_{45}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
157169	1936	126	$\frac{5}{126}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{126}^{16}\ \Phi_{63}^{16}\ \Phi_{42}^{16}\ \Phi_{21}^{12}\ \Phi_{18}^{16}\ \Phi_{14}^{16}\ \Phi_{9}^{16}\ \Phi_{7}^{12}\ \Phi_{6}^{16}\ \Phi_{3}^{13}\ \Phi_{2}^{16}\ \Phi_{1}^{14}$
157170	1936	69	$\frac{1}{23}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{69}^{21}\ \Phi_{23}^{42}\ \Phi_{3}^{22}\ \Phi_{1}^{44}$
157171	1936	180	$\frac{1}{60}$	$\frac{1}{9}$	$\frac{59}{180}$	$\frac{1}{3}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^{12}\ \Phi_{45}^{10}\ \Phi_{36}^{10}\ \Phi_{30}^{12}\ \Phi_{20}^{12}\ \Phi_{18}^{10}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_{10}^{12}\ \Phi_{9}^{12}\ \Phi_{6}^{12}\ \Phi_{5}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
157172	1936	1071	$\frac{1}{51}$	$\frac{103}{1071}$	$\frac{50}{153}$	$\frac{1}{3}$	$\Phi_{1071}^{2}\ \Phi_{357}^{2}\ \Phi_{119}^{2}\ \Phi_{63}^{2}\ \Phi_{51}^{2}\ \Phi_{21}^{2}\ \Phi_{17}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
157173	1936	1044	$\frac{2}{87}$	$\frac{1}{12}$	$\frac{85}{261}$	$\frac{1}{3}$	$\Phi_{1044}^{3}\ \Phi_{522}^{3}\ \Phi_{261}^{2}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
157174	1936	357	$\frac{4}{119}$	$\frac{1}{17}$	$\frac{115}{357}$	$\frac{1}{3}$	$\Phi_{357}^{4}\ \Phi_{119}^{8}\ \Phi_{51}^{5}\ \Phi_{21}^{4}\ \Phi_{17}^{8}\ \Phi_{7}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
157175	1936	513	$\frac{2}{57}$	$\frac{29}{513}$	$\frac{55}{171}$	$\frac{1}{3}$	$\Phi_{513}^{4}\ \Phi_{171}^{3}\ \Phi_{57}^{4}\ \Phi_{27}^{4}\ \Phi_{19}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
157176	1936	1425	$\frac{18}{475}$	$\frac{1}{19}$	$\frac{457}{1425}$	$\frac{1}{3}$	$\Phi_{1425}\ \Phi_{475}^{2}\ \Phi_{285}\ \Phi_{95}^{2}\ \Phi_{75}\ \Phi_{57}^{2}\ \Phi_{25}^{2}\ \Phi_{19}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
157177	1936	315	$\frac{1}{45}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{63}^{5}\ \Phi_{45}^{8}\ \Phi_{35}^{6}\ \Phi_{21}^{6}\ \Phi_{15}^{8}\ \Phi_{9}^{7}\ \Phi_{7}^{6}\ \Phi_{5}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
157178	1936	1377	$\frac{1}{51}$	$\frac{50}{459}$	$\frac{409}{1377}$	$\frac{1}{3}$	$\Phi_{1377}^{2}\ \Phi_{81}^{2}\ \Phi_{51}^{2}\ \Phi_{17}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
157179	1936	171	$\frac{1}{57}$	$\frac{7}{57}$	$\frac{50}{171}$	$\frac{1}{3}$	$\Phi_{171}^{16}\ \Phi_{57}^{2}\ \Phi_{19}^{2}\ \Phi_{9}^{16}\ \Phi_{3}\ \Phi_{1}^{2}$
157180	1936	1335	$\frac{1}{89}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{1335}\ \Phi_{445}^{2}\ \Phi_{267}^{2}\ \Phi_{89}^{2}$
157181	1936	1116	$\frac{3}{124}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1116}^{2}\ \Phi_{558}^{2}\ \Phi_{372}\ \Phi_{279}^{2}\ \Phi_{186}\ \Phi_{124}^{2}\ \Phi_{93}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
157182	1936	285	$\frac{1}{57}$	$\frac{43}{285}$	$\frac{14}{57}$	$\frac{1}{3}$	$\Phi_{285}^{8}\ \Phi_{95}^{8}\ \Phi_{57}^{2}\ \Phi_{19}^{2}\ \Phi_{15}^{8}\ \Phi_{5}^{8}\ \Phi_{3}\ \Phi_{1}^{2}$
157183	1936	1440	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{39}{160}$	$\frac{1}{3}$	$\Phi_{1440}^{2}\ \Phi_{720}^{2}\ \Phi_{480}\ \Phi_{288}^{2}\ \Phi_{240}\ \Phi_{160}^{2}\ \Phi_{144}^{2}\ \Phi_{96}\ \Phi_{80}^{2}\ \Phi_{48}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
157184	1936	348	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{7}{29}$	$\frac{1}{3}$	$\Phi_{348}^{6}\ \Phi_{174}^{6}\ \Phi_{116}^{6}\ \Phi_{87}^{3}\ \Phi_{58}^{6}\ \Phi_{29}^{6}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
157185	1936	969	$\frac{41}{969}$	$\frac{67}{969}$	$\frac{232}{969}$	$\frac{1}{3}$	$\Phi_{969}^{2}\ \Phi_{323}^{2}\ \Phi_{57}^{2}\ \Phi_{51}^{2}\ \Phi_{19}^{2}\ \Phi_{17}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
157186	1936	255	$\frac{13}{255}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{255}^{8}\ \Phi_{85}^{8}\ \Phi_{51}^{5}\ \Phi_{17}^{8}\ \Phi_{15}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
157187	1936	2967	$\frac{1}{23}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{2967}\ \Phi_{69}^{2}$
157188	1936	57	$\frac{2}{57}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{1}{3}$	$\Phi_{57}^{34}\ \Phi_{19}^{34}\ \Phi_{3}^{33}\ \Phi_{1}^{34}$
157189	1936	630	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{630}^{4}\ \Phi_{315}^{2}\ \Phi_{210}^{4}\ \Phi_{126}^{4}\ \Phi_{105}^{2}\ \Phi_{90}^{4}\ \Phi_{70}^{4}\ \Phi_{63}^{2}\ \Phi_{45}^{4}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{4}\ \Phi_{21}\ \Phi_{18}^{4}\ \Phi_{15}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
157190	1936	741	$\frac{5}{247}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{741}^{4}\ \Phi_{57}^{3}\ \Phi_{39}^{4}\ \Phi_{3}^{2}$
157191	1936	153	$\frac{1}{51}$	$\frac{25}{153}$	$\frac{32}{153}$	$\frac{1}{3}$	$\Phi_{153}^{12}\ \Phi_{51}^{14}\ \Phi_{17}^{14}\ \Phi_{9}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
157192	1936	615	$\frac{2}{123}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{615}^{3}\ \Phi_{205}^{3}\ \Phi_{123}^{4}\ \Phi_{41}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
157193	1936	1125	$\frac{4}{125}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1125}^{2}\ \Phi_{375}\ \Phi_{225}^{2}\ \Phi_{125}^{2}\ \Phi_{75}\ \Phi_{25}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
157194	1936	3615	$\frac{10}{241}$	$\frac{21}{241}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3615}\ \Phi_{15}^{2}$
157195	1936	1380	$\frac{1}{23}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1380}^{2}\ \Phi_{690}^{2}\ \Phi_{460}^{2}\ \Phi_{345}\ \Phi_{230}^{2}\ \Phi_{115}^{2}$
157196	1936	450	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{29}{150}$	$\frac{1}{3}$	$\Phi_{450}^{6}\ \Phi_{225}^{6}\ \Phi_{150}^{4}\ \Phi_{75}^{4}\ \Phi_{50}^{4}\ \Phi_{25}^{4}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
157197	1936	285	$\frac{1}{19}$	$\frac{7}{95}$	$\frac{18}{95}$	$\frac{1}{3}$	$\Phi_{285}^{10}\ \Phi_{57}^{11}\ \Phi_{15}^{10}\ \Phi_{3}^{10}$
157198	1936	1785	$\frac{1}{17}$	$\frac{8}{119}$	$\frac{111}{595}$	$\frac{1}{3}$	$\Phi_{1785}^{2}\ \Phi_{255}^{2}\ \Phi_{105}^{2}\ \Phi_{51}\ \Phi_{15}^{2}$
157199	1936	126	$\frac{5}{126}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{126}^{16}\ \Phi_{63}^{16}\ \Phi_{42}^{16}\ \Phi_{21}^{16}\ \Phi_{18}^{10}\ \Phi_{14}^{16}\ \Phi_{9}^{12}\ \Phi_{7}^{16}\ \Phi_{6}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
157200	1936	144	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{23}{144}$	$\frac{1}{3}$	$\Phi_{144}^{16}\ \Phi_{72}^{10}\ \Phi_{48}^{16}\ \Phi_{36}^{10}\ \Phi_{24}^{12}\ \Phi_{18}^{10}\ \Phi_{16}^{16}\ \Phi_{12}^{12}\ \Phi_{9}^{12}\ \Phi_{8}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
157201	1936	285	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{43}{285}$	$\frac{1}{3}$	$\Phi_{285}^{6}\ \Phi_{95}^{8}\ \Phi_{57}^{7}\ \Phi_{19}^{8}\ \Phi_{15}^{6}\ \Phi_{5}^{8}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157202	1936	1260	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{19}{140}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{84}$ $\Phi_{70}^2\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
157203	1936	1071	$\frac{1}{17}$	$\frac{103}{1071}$	$\frac{16}{119}$	$\frac{1}{3}$	$\Phi_{1071}^2\ \Phi_{357}\ \Phi_{153}^2\ \Phi_{119}^2\ \Phi_{63}^2\ \Phi_{51}^2\ \Phi_{21}\ \Phi_{17}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
157204	1936	765	$\frac{13}{255}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{765}^3\ \Phi_{255}^2\ \Phi_{153}^3\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{17}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
157205	1936	1152	$\frac{7}{128}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1152}^2\ \Phi_{576}^2\ \Phi_{384}\ \Phi_{288}^2\ \Phi_{192}\ \Phi_{144}^2\ \Phi_{128}^2\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{32}^2$ $\Phi_{16}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
157206	1936	408	$\frac{1}{17}$	$\frac{15}{136}$	$\frac{2}{17}$	$\frac{1}{3}$	$\Phi_{408}^8\ \Phi_{204}^8\ \Phi_{102}^8\ \Phi_{51}\ \Phi_{24}^8\ \Phi_{12}^8\ \Phi_6^8$
157207	1936	348	$\frac{7}{87}$	$\frac{1}{12}$	$\frac{10}{87}$	$\frac{1}{3}$	$\Phi_{348}^6\ \Phi_{174}^6\ \Phi_{116}^6\ \Phi_{87}^4\ \Phi_{58}^6\ \Phi_{29}^4\ \Phi_{12}^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
157208	1936	969	$\frac{26}{323}$	$\frac{27}{323}$	$\frac{37}{323}$	$\frac{1}{3}$	$\Phi_{969}^3\ \Phi_{57}^3\ \Phi_{51}^3\ \Phi_3^2$
157209	1936	135	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{135}^{16}\ \Phi_{45}^{10}\ \Phi_{27}^{16}\ \Phi_{15}^{12}\ \Phi_9^{12}\ \Phi_5^{12}\ \Phi_3^{13}\ \Phi_1^{14}$
157210	1936	1170	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{390}\ \Phi_{234}^2\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{117}^2\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{26}^2$ $\Phi_{13}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
157211	1936	36	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{36}^{60}\ \Phi_{18}^{60}\ \Phi_{12}^{40}\ \Phi_9^{62}\ \Phi_6^{40}\ \Phi_4^{40}\ \Phi_3^{41}\ \Phi_2^{40}\ \Phi_1^{42}$
157212	1936	525	$\frac{2}{175}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{173}{525}$	$\Phi_{525}^3\ \Phi_{175}^5\ \Phi_{105}^3\ \Phi_{75}^3\ \Phi_{35}^5\ \Phi_{25}^5\ \Phi_{21}^3\ \Phi_{15}^4\ \Phi_7^5\ \Phi_5^5\ \Phi_3^4\ \Phi_1^6$
157213	1936	180	$\frac{1}{60}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{59}{180}$	$\Phi_{180}^{16}\ \Phi_{90}^{16}\ \Phi_{45}^{16}\ \Phi_{36}^{16}\ \Phi_{18}^{16}\ \Phi_9^{16}\ \Phi_5^3\ \Phi_1^4$
157214	1936	351	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{109}{351}$	$\Phi_{351}^8\ \Phi_{27}^8\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
157215	1936	585	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{101}{585}$	$\frac{181}{585}$	$\Phi_{585}^3\ \Phi_{195}^4\ \Phi_{117}^3\ \Phi_{65}^4\ \Phi_{45}^3\ \Phi_{39}^4\ \Phi_{15}^3\ \Phi_{13}^4\ \Phi_9^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
157216	1936	1125	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{157}{1125}$	$\frac{68}{225}$	$\Phi_{1125}^2\ \Phi_{375}^2\ \Phi_{125}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
157217	1936	135	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{2}{15}$	$\frac{13}{45}$	$\Phi_{135}^{16}\ \Phi_{45}^9\ \Phi_{27}^{16}\ \Phi_{15}^{15}\ \Phi_9^9\ \Phi_5^{15}\ \Phi_3^{15}\ \Phi_1^{16}$
157218	1936	675	$\frac{1}{45}$	$\frac{34}{225}$	$\frac{11}{45}$	$\frac{191}{675}$	$\Phi_{675}^4\ \Phi_{135}^4\ \Phi_{45}^3\ \Phi_{27}^4\ \Phi_{15}^3\ \Phi_9^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
157219	1936	675	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{34}{225}$	$\frac{191}{675}$	$\Phi_{675}^4\ \Phi_{135}^4\ \Phi_{75}^2\ \Phi_{27}^4\ \Phi_{25}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
157220	1936	525	$\frac{3}{175}$	$\frac{1}{5}$	$\frac{43}{175}$	$\frac{4}{15}$	$\Phi_{525}^5\ \Phi_{175}\ \Phi_{105}^5\ \Phi_{75}^5\ \Phi_{35}\ \Phi_{25}\ \Phi_{21}^5\ \Phi_{15}^6\ \Phi_7\ \Phi_5\ \Phi_3^6\ \Phi_1^2$
157221	1936	45	$\frac{1}{45}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{45}^{44}\ \Phi_{15}^{40}\ \Phi_9^{44}\ \Phi_5^{43}\ \Phi_3^{40}\ \Phi_1^{44}$
157222	1936	105	$\frac{1}{35}$	$\frac{17}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{105}^{17}\ \Phi_{35}^{21}\ \Phi_{21}^{17}\ \Phi_{15}^{18}\ \Phi_7^{21}\ \Phi_5^{21}\ \Phi_3^{18}\ \Phi_1^{22}$
157223	1936	375	$\frac{4}{125}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{375}^5\ \Phi_{125}^6\ \Phi_{75}^4\ \Phi_{25}^5\ \Phi_{15}^5\ \Phi_5^5\ \Phi_3^5\ \Phi_1^6$
157224	1936	1365	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1365}^2\ \Phi_{273}^2\ \Phi_{195}^2\ \Phi_{105}\ \Phi_{91}^2\ \Phi_{39}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
157225	1936	75	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{75}^{35}\ \Phi_{25}^7\ \Phi_{15}^{36}\ \Phi_5^7\ \Phi_3^{36}\ \Phi_1^8$
157226	1936	1035	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1035}^2\ \Phi_{345}\ \Phi_{207}^3\ \Phi_{115}^2\ \Phi_{69}^2\ \Phi_{23}^2$
157227	1936	105	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{105}^{25}\ \Phi_{35}^5\ \Phi_{21}^{25}\ \Phi_{15}^{26}\ \Phi_7^5\ \Phi_5^5\ \Phi_3^{26}\ \Phi_1^6$
157228	1936	1020	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}\ \Phi_{204}^3\ \Phi_{170}^2\ \Phi_{102}^3\ \Phi_{85}^2\ \Phi_{68}^3\ \Phi_{51}^2\ \Phi_{34}^3$ Φ_{17}^2
157229	1936	129	$\frac{8}{129}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{11}{43}$	$\Phi_{129}^{16}\ \Phi_{43}^{13}\ \Phi_3^{16}\ \Phi_1^{14}$
157230	1936	162	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{13}{54}$	$\frac{41}{162}$	$\Phi_{162}^{16}\ \Phi_{81}^{16}\ \Phi_{27}^8\ \Phi_9^7\ \Phi_3^7\ \Phi_1^8$
157231	1936	620	$\frac{3}{124}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{620}^3\ \Phi_{310}^3\ \Phi_{155}^3\ \Phi_{124}^4\ \Phi_{62}^4\ \Phi_{31}^4\ \Phi_5^3\ \Phi_1^4$
157232	1936	160	$\frac{1}{40}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{39}{160}$	$\Phi_{160}^{16}\ \Phi_{80}^{16}\ \Phi_{32}^{16}\ \Phi_{16}^{16}\ \Phi_5^3\ \Phi_1^4$
157233	1936	406	$\frac{1}{29}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{7}{29}$	$\Phi_{406}^6\ \Phi_{203}^3\ \Phi_{58}^6\ \Phi_{29}^6\ \Phi_{14}^8\ \Phi_7^4\ \Phi_2^8\ \Phi_1^8$
157234	1936	43	$\frac{3}{43}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{10}{43}$	$\Phi_{43}^{45}\ \Phi_1^{46}$
157235	1936	2580	$\frac{3}{43}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{10}{43}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{860}\ \Phi_{645}\ \Phi_{430}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2$
157236	1936	708	$\frac{13}{177}$	$\frac{1}{12}$	$\frac{34}{177}$	$\frac{41}{177}$	$\Phi_{708}^3\ \Phi_{354}^3\ \Phi_{236}^3\ \Phi_{177}^2\ \Phi_{118}^3\ \Phi_{59}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157237	1936	1935	$\frac{142}{1935}$	$\frac{163}{1935}$	$\frac{373}{1935}$	$\frac{443}{1935}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{387}\ \Phi_{215}\ \Phi_{129}\ \Phi_{45}\ \Phi_{43}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
157238	1936	485	$\frac{34}{485}$	$\frac{41}{485}$	$\frac{1}{5}$	$\frac{111}{485}$	$\Phi_{485}^4\ \Phi_{97}^4\ \Phi_5^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157239	1936	150	$\frac{1}{15}$	$\frac{7}{75}$	$\frac{29}{150}$	$\frac{17}{75}$	$\Phi_{150}^{16}\ \Phi_{75}^{10}\ \Phi_{50}^{16}\ \Phi_{30}^{16}\ \Phi_{25}^{10}\ \Phi_{15}^{9}\ \Phi_{10}^{16}\ \Phi_{6}^{16}\ \Phi_{5}^{9}\ \Phi_{3}^{9}\ \Phi_{2}^{16}\ \Phi_{1}^{10}$
157240	1936	129	$\frac{8}{129}$	$\frac{13}{129}$	$\frac{25}{129}$	$\frac{29}{129}$	$\Phi_{129}^{15}\ \Phi_{43}^{15}\ \Phi_{3}^{15}\ \Phi_{1}^{16}$
157241	1936	1610	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{14}$	$\Phi_{1610}^{2}\ \Phi_{805}\ \Phi_{230}^{2}\ \Phi_{115}^{2}$
157242	1936	1218	$\frac{7}{87}$	$\frac{10}{87}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{1218}^{2}\ \Phi_{609}\ \Phi_{406}^{2}\ \Phi_{203}\ \Phi_{174}^{2}\ \Phi_{87}^{2}\ \Phi_{58}^{2}\ \Phi_{42}^{2}\ \Phi_{29}^{2}\ \Phi_{21}\ \Phi_{14}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
157243	1936	252	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{252}^{9}\ \Phi_{126}^{7}\ \Phi_{84}^{6}\ \Phi_{63}^{8}\ \Phi_{42}^{4}\ \Phi_{36}^{12}\ \Phi_{28}^{6}\ \Phi_{21}^{5}\ \Phi_{18}^{10}\ \Phi_{14}^{6}\ \Phi_{12}^{8}\ \Phi_{9}^{10}\ \Phi_{7}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
157244	1936	125	$\frac{4}{125}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{125}^{16}\ \Phi_{25}^{16}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
157245	1936	150	$\frac{1}{30}$	$\frac{29}{150}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{150}^{16}\ \Phi_{75}^{16}\ \Phi_{50}^{16}\ \Phi_{25}^{16}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
157246	1936	630	$\frac{5}{126}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}^{3}\ \Phi_{126}^{4}\ \Phi_{105}^{3}\ \Phi_{90}^{3}\ \Phi_{70}^{3}\ \Phi_{63}^{4}\ \Phi_{45}^{3}\ \Phi_{42}^{4}\ \Phi_{35}^{3}\ \Phi_{21}^{4}\ \Phi_{18}^{4}\ \Phi_{14}^{4}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
157247	1936	720	$\frac{1}{24}$	$\frac{23}{144}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{3}\ \Phi_{180}^{3}\ \Phi_{144}^{4}\ \Phi_{90}^{3}\ \Phi_{80}^{3}\ \Phi_{72}^{4}\ \Phi_{48}^{4}\ \Phi_{45}^{3}\ \Phi_{36}^{4}\ \Phi_{18}^{4}\ \Phi_{16}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
157248	1936	140	$\frac{1}{20}$	$\frac{19}{140}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{140}^{16}\ \Phi_{70}^{16}\ \Phi_{35}^{16}\ \Phi_{28}^{16}\ \Phi_{14}^{16}\ \Phi_{7}^{16}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
157249	1936	255	$\frac{13}{255}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{255}^{8}\ \Phi_{85}^{8}\ \Phi_{51}^{8}\ \Phi_{17}^{8}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
157250	1936	640	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{128}^{4}\ \Phi_{80}^{3}\ \Phi_{64}^{4}\ \Phi_{32}^{4}\ \Phi_{16}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
157251	1936	135	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{135}^{16}\ \Phi_{45}^{16}\ \Phi_{27}^{16}\ \Phi_{9}^{16}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
157252	1936	130	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{130}^{16}\ \Phi_{65}^{16}\ \Phi_{26}^{16}\ \Phi_{13}^{16}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
157253	1936	60	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{60}^{30}\ \Phi_{30}^{30}\ \Phi_{20}^{30}\ \Phi_{15}^{30}\ \Phi_{12}^{40}\ \Phi_{10}^{30}\ \Phi_{6}^{40}\ \Phi_{5}^{33}\ \Phi_{4}^{40}\ \Phi_{3}^{40}\ \Phi_{2}^{40}\ \Phi_{1}^{44}$
157254	1936	1125	$\frac{1}{15}$	$\frac{157}{1125}$	$\frac{61}{375}$	$\frac{14}{75}$	$\Phi_{1125}^{2}\ \Phi_{375}\ \Phi_{225}^{2}\ \Phi_{125}\ \Phi_{75}^{2}\ \Phi_{45}^{2}\ \Phi_{25}^{2}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
157255	1936	135	$\frac{14}{135}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{135}$	$\Phi_{135}^{14}\ \Phi_{45}^{14}\ \Phi_{27}^{16}\ \Phi_{15}^{14}\ \Phi_{9}^{15}\ \Phi_{5}^{14}\ \Phi_{3}^{15}\ \Phi_{1}^{16}$
157256	1936	567	$\frac{1}{9}$	$\frac{23}{189}$	$\frac{83}{567}$	$\frac{4}{27}$	$\Phi_{567}^{4}\ \Phi_{189}^{2}\ \Phi_{81}^{4}\ \Phi_{63}^{2}\ \Phi_{27}^{4}\ \Phi_{21}^{2}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
157257	1937	3520	$\frac{1}{176}$	$\frac{177}{1760}$	$\frac{1583}{3520}$	$\frac{175}{352}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{352}\ \Phi_{320}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
157258	1937	888	$\frac{1}{148}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{147}{296}$	$\Phi_{444}^{4}\ \Phi_{296}\ \Phi_{222}^{4}\ \Phi_{148}^{4}\ \Phi_{111}^{4}\ \Phi_{74}^{4}\ \Phi_{37}^{4}\ \Phi_{24}\ \Phi_{12}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
157259	1937	4440	$\frac{1}{148}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{147}{296}$	$\Phi_{4440}\ \Phi_{1480}\ \Phi_{296}\ \Phi_{120}\ \Phi_{40}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
157260	1937	2664	$\frac{1}{148}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{147}{296}$	$\Phi_{2664}^{2}\ \Phi_{296}\ \Phi_{72}^{2}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
157261	1937	592	$\frac{1}{148}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{147}{296}$	$\Phi_{592}^{4}\ \Phi_{296}\ \Phi_{148}^{4}\ \Phi_{74}^{4}\ \Phi_{37}^{4}\ \Phi_{16}^{5}\ \Phi_{8}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
157262	1937	2328	$\frac{3}{388}$	$\frac{391}{2328}$	$\frac{1}{4}$	$\frac{385}{776}$	$\Phi_{2328}\ \Phi_{1164}\ \Phi_{582}\ \Phi_{388}\ \Phi_{291}\ \Phi_{194}\ \Phi_{97}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
157263	1937	3840	$\frac{17}{1920}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{1903}{3840}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{256}\ \Phi_{32}\ \Phi_{1}$
157264	1937	3840	$\frac{17}{1920}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1903}{3840}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{256}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
157265	1937	3840	$\frac{17}{1920}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1903}{3840}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{256}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
157266	1937	2592	$\frac{7}{648}$	$\frac{1}{8}$	$\frac{655}{2592}$	$\frac{641}{1296}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{648}\ \Phi_{324}\ \Phi_{288}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{96}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
157267	1937	3828	$\frac{23}{1914}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1891}{3828}$	$\Phi_{3828}\ \Phi_{1276}\ \Phi_{348}\ \Phi_{132}\ \Phi_{116}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
157268	1937	294	$\frac{2}{147}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{145}{294}$	$\Phi_{294}^{6}\ \Phi_{147}^{7}\ \Phi_{98}^{6}\ \Phi_{49}^{7}\ \Phi_{42}^{7}\ \Phi_{21}^{8}\ \Phi_{14}^{6}\ \Phi_{7}^{7}\ \Phi_{6}^{7}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
157269	1937	2596	$\frac{10}{649}$	$\frac{1}{11}$	$\frac{659}{2596}$	$\frac{639}{1298}$	$\Phi_{2596}\ \Phi_{649}\ \Phi_{236}\ \Phi_{59}\ \Phi_{44}\ \Phi_{4}\ \Phi_{1}$
157270	1937	1400	$\frac{1}{50}$	$\frac{1}{14}$	$\frac{51}{200}$	$\frac{49}{100}$	$\Phi_{1400}^{2}\ \Phi_{350}^{2}\ \Phi_{280}^{2}\ \Phi_{200}\ \Phi_{175}^{2}\ \Phi_{70}^{2}\ \Phi_{56}^{2}\ \Phi_{50}\ \Phi_{40}\ \Phi_{35}^{2}\ \Phi_{25}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
157271	1937	2030	$\frac{4}{145}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{141}{290}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{406}\ \Phi_{203}\ \Phi_{145}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{29}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
157272	1937	2160	$\frac{7}{216}$	$\frac{223}{2160}$	$\frac{1}{8}$	$\frac{209}{432}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157273	1937	1260	$\frac{1}{30}$	$\frac{1}{14}$	$\frac{31}{180}$	$\frac{29}{60}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{180}\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
157274	1937	288	$\frac{5}{144}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{139}{288}$	$\Phi_{288}^{13}\ \Phi_{96}^{13}\ \Phi_{32}^{13}\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
157275	1937	2016	$\frac{5}{144}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{139}{288}$	$\Phi_{2016}^2\ \Phi_{672}^2\ \Phi_{288}\ \Phi_{224}^2\ \Phi_{96}\ \Phi_{42}^2\ \Phi_{32}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
157276	1937	288	$\frac{5}{144}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{139}{288}$	$\Phi_{288}^{13}\ \Phi_{96}^{13}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}^{13}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
157277	1937	3696	$\frac{1}{44}$	$\frac{89}{1848}$	$\frac{43}{132}$	$\frac{1759}{3696}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{132}\ \Phi_{112}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
157278	1937	2880	$\frac{17}{960}$	$\frac{1}{16}$	$\frac{943}{2880}$	$\frac{15}{32}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{576}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
157279	1937	1984	$\frac{47}{1984}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{32}\ \Phi_{31}\ \Phi_1$
157280	1937	2560	$\frac{17}{640}$	$\frac{1}{16}$	$\frac{623}{2560}$	$\frac{15}{32}$	$\Phi_{2560}\ \Phi_{1280}\ \Phi_{512}\ \Phi_{256}\ \Phi_{32}\ \Phi_1$
157281	1937	2400	$\frac{17}{480}$	$\frac{1}{16}$	$\frac{463}{2400}$	$\frac{15}{32}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_1$
157282	1937	2016	$\frac{79}{2016}$	$\frac{1}{16}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
157283	1937	2304	$\frac{17}{384}$	$\frac{1}{16}$	$\frac{367}{2304}$	$\frac{15}{32}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
157284	1937	2240	$\frac{17}{320}$	$\frac{1}{16}$	$\frac{303}{2240}$	$\frac{15}{32}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
157285	1937	2048	$\frac{111}{2048}$	$\frac{1}{16}$	$\frac{17}{128}$	$\frac{15}{32}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_{32}\ \Phi_1$
157286	1937	160	$\frac{1}{16}$	$\frac{11}{160}$	$\frac{17}{160}$	$\frac{15}{32}$	$\Phi_{160}^{12}\ \Phi_{80}^{12}\ \Phi_{40}^{12}\ \Phi_{32}^{13}\ \Phi_{20}^{12}\ \Phi_{16}^{12}\ \Phi_{10}^{12}\ \Phi_8^{12}\ \Phi_5^{12}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
157287	1937	2112	$\frac{1}{16}$	$\frac{175}{2112}$	$\frac{17}{192}$	$\frac{15}{32}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
157288	1937	280	$\frac{9}{140}$	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{131}{280}$	$\Phi_{280}^{13}\ \Phi_{70}^2\ \Phi_{56}^{13}\ \Phi_{40}^{13}\ \Phi_{35}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_8^{13}\ \Phi_7\ \Phi_5\ \Phi_1$
157289	1937	2640	$\frac{1}{44}$	$\frac{43}{660}$	$\frac{703}{2640}$	$\frac{617}{1320}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{240}\ \Phi_{220}\ \Phi_{176}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{80}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{48}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
157290	1937	888	$\frac{1}{74}$	$\frac{1}{12}$	$\frac{73}{222}$	$\frac{11}{24}$	$\Phi_{888}^4\ \Phi_{296}^4\ \Phi_{222}\ \Phi_{111}\ \Phi_{24}^5\ \Phi_8^5\ \Phi_6\ \Phi_3\ \Phi_1$
157291	1937	456	$\frac{3}{152}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{456}^4\ \Phi_{228}^4\ \Phi_{152}^5\ \Phi_{114}^4\ \Phi_{76}^5\ \Phi_{57}^4\ \Phi_{38}^5\ \Phi_{24}\ \Phi_{19}^5\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
157292	1937	4440	$\frac{1}{37}$	$\frac{1}{12}$	$\frac{36}{185}$	$\frac{11}{24}$	$\Phi_{4440}\ \Phi_{1480}\ \Phi_{185}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_8\ \Phi_5\ \Phi_1$
157293	1937	2016	$\frac{79}{2016}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{144}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
157294	1937	1120	$\frac{11}{160}$	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{280}^2\ \Phi_{224}^2\ \Phi_{160}\ \Phi_{112}^2\ \Phi_{80}\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{35}^2\ \Phi_{32}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
157295	1937	3520	$\frac{1}{44}$	$\frac{177}{1760}$	$\frac{43}{220}$	$\frac{1583}{3520}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{220}\ \Phi_{110}\ \Phi_{64}\ \Phi_{55}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
157296	1937	1890	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{14}{135}$	$\frac{121}{270}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}\ \Phi_{315}\ \Phi_{210}^2\ \Phi_{189}\ \Phi_{135}\ \Phi_{126}\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
157297	1937	2376	$\frac{1}{44}$	$\frac{43}{396}$	$\frac{439}{2376}$	$\frac{353}{792}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{216}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{66}\ \Phi_{54}\ \Phi_{36}\ \Phi_{33}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
157298	1937	3456	$\frac{7}{216}$	$\frac{209}{1728}$	$\frac{1}{8}$	$\frac{1519}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{216}\ \Phi_{128}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
157299	1937	1960	$\frac{23}{1960}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{490}\ \Phi_{392}\ \Phi_{280}\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{70}\ \Phi_{56}\ \Phi_{49}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
157300	1937	1092	$\frac{7}{156}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{156}\ \Phi_{91}^2\ \Phi_{78}\ \Phi_{52}\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{26}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{13}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
157301	1937	154	$\frac{5}{154}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{154}^{13}\ \Phi_{77}^{13}\ \Phi_{22}^8\ \Phi_{14}^{13}\ \Phi_{11}^{12}\ \Phi_7^{13}\ \Phi_2^8\ \Phi_1^{13}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157302	1937	1750	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{24}{125}$	$\frac{101}{250}$	$\Phi_{1750}\ \Phi_{875}\ \Phi_{350}^2\ \Phi_{175}^2\ \Phi_{125}\ \Phi_{70}^2\ \Phi_{50}\ \Phi_{35}^2\ \Phi_{25}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
157303	1937	2200	$\frac{1}{44}$	$\frac{263}{2200}$	$\frac{43}{220}$	$\frac{177}{440}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{220}\ \Phi_{200}\ \Phi_{110}\ \Phi_{100}\ \Phi_{55}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
157304	1937	3168	$\frac{1}{176}$	$\frac{353}{1584}$	$\frac{175}{528}$	$\frac{1231}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{288}\ \Phi_{264}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
157305	1937	3168	$\frac{1}{44}$	$\frac{43}{396}$	$\frac{353}{1584}$	$\frac{1231}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{396}\ \Phi_{352}\ \Phi_{288}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{96}\ \Phi_{66}\ \Phi_{36}\ \Phi_{33}\ \Phi_{32}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
157306	1937	1680	$\frac{1}{30}$	$\frac{1}{14}$	$\frac{29}{120}$	$\frac{91}{240}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}\ \Phi_{210}^2\ \Phi_{112}^2\ \Phi_{105}^2\ \Phi_{80}\ \Phi_{70}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{16}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
157307	1937	3104	$\frac{3}{388}$	$\frac{385}{1552}$	$\frac{1}{4}$	$\frac{1167}{3104}$	$\Phi_{3104}\ \Phi_{388}\ \Phi_{194}\ \Phi_{97}\ \Phi_{32}\ \Phi_1$
157308	1937	2816	$\frac{1}{176}$	$\frac{175}{704}$	$\frac{879}{2816}$	$\frac{529}{1408}$	$\Phi_{2816}\ \Phi_{704}\ \Phi_{352}\ \Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
157309	1937	1968	$\frac{31}{1968}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{492}\ \Phi_{328}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
157310	1937	1980	$\frac{43}{1980}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
157311	1937	2112	$\frac{1}{44}$	$\frac{175}{2112}$	$\frac{43}{132}$	$\frac{89}{264}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{192}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{64}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
157312	1937	2904	$\frac{1}{242}$	$\frac{241}{726}$	$\frac{967}{2904}$	$\frac{485}{1452}$	$\Phi_{2904}\ \Phi_{968}\ \Phi_{726}\ \Phi_{363}\ \Phi_{264}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
157313	1937	1110	$\frac{1}{74}$	$\frac{2}{15}$	$\frac{73}{222}$	$\frac{1}{3}$	$\Phi_{1110}^2\ \Phi_{555}^2\ \Phi_{370}^2\ \Phi_{222}\ \Phi_{185}^2\ \Phi_{111}\ \Phi_{30}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6\ \Phi_5^3\ \Phi_3\ \Phi_1$
157314	1937	2280	$\frac{3}{152}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{76}\ \Phi_{40}\ \Phi_{38}\ \Phi_{19}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
157315	1937	555	$\frac{1}{37}$	$\frac{2}{15}$	$\frac{36}{185}$	$\frac{1}{3}$	$\Phi_{555}^3\ \Phi_{185}^4\ \Phi_{111}^4\ \Phi_{37}^4\ \Phi_{15}^4\ \Phi_5^5\ \Phi_3^4\ \Phi_1^5$
157316	1937	168	$\frac{1}{14}$	$\frac{2}{21}$	$\frac{19}{168}$	$\frac{1}{3}$	$\Phi_{168}^{13}\ \Phi_{84}^{13}\ \Phi_{56}^{13}\ \Phi_{42}^7\ \Phi_{28}^{13}\ \Phi_{24}^{13}\ \Phi_{21}^8\ \Phi_{14}^6\ \Phi_{12}^{13}\ \Phi_8^{13}\ \Phi_7^7\ \Phi_6^7\ \Phi_4^{13}\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
157317	1937	666	$\frac{1}{74}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{73}{222}$	$\Phi_{666}^4\ \Phi_{333}^4\ \Phi_{222}\ \Phi_{111}\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6\ \Phi_3\ \Phi_1$
157318	1937	1776	$\frac{1}{74}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{73}{222}$	$\Phi_{1776}^2\ \Phi_{888}^2\ \Phi_{222}\ \Phi_{111}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
157319	1937	2880	$\frac{17}{960}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{943}{2880}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{576}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
157320	1937	2880	$\frac{17}{960}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{943}{2880}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{576}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
157321	1937	2772	$\frac{1}{44}$	$\frac{89}{924}$	$\frac{835}{2772}$	$\frac{43}{132}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{132}\ \Phi_{126}\ \Phi_{99}\ \Phi_{66}\ \Phi_{63}\ \Phi_{36}\ \Phi_{33}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
157322	1937	2871	$\frac{23}{957}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{934}{2871}$	$\Phi_{2871}\ \Phi_{261}\ \Phi_{99}\ \Phi_{33}\ \Phi_9\ \Phi_3\ \Phi_1$
157323	1937	160	$\frac{1}{16}$	$\frac{11}{160}$	$\frac{3}{16}$	$\frac{5}{16}$	$\Phi_{160}^{13}\ \Phi_{80}^{13}\ \Phi_{40}^{13}\ \Phi_{32}^{13}\ \Phi_{20}^{13}\ \Phi_{16}^4\ \Phi_{10}^{13}\ \Phi_8^4\ \Phi_5^{13}\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
157324	1937	1260	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{31}{180}$	$\frac{14}{45}$	$\Phi_{1260}^2\ \Phi_{630}\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{180}\ \Phi_{140}^2\ \Phi_{126}\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{35}^2\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
157325	1937	1512	$\frac{5}{72}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{67}{216}$	$\Phi_{1512}^2\ \Phi_{756}^2\ \Phi_{378}^2\ \Phi_{216}\ \Phi_{189}^2\ \Phi_{108}\ \Phi_{54}\ \Phi_{42}^2\ \Phi_{27}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
157326	1937	216	$\frac{5}{72}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{67}{216}$	$\Phi_{216}^{13}\ \Phi_{108}^{13}\ \Phi_{72}\ \Phi_{54}^{13}\ \Phi_{36}\ \Phi_{27}^{13}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
157327	1937	2400	$\frac{17}{480}$	$\frac{1}{8}$	$\frac{463}{2400}$	$\frac{7}{24}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
157328	1937	2016	$\frac{79}{2016}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
157329	1937	2304	$\frac{17}{384}$	$\frac{1}{8}$	$\frac{367}{2304}$	$\frac{7}{24}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
157330	1937	2040	$\frac{103}{2040}$	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{7}{24}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157331	1937	2160	$\frac{17}{240}$	$\frac{223}{2160}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
157332	1937	2112	$\frac{175}{2112}$	$\frac{17}{192}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
157333	1937	210	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{210}$	$\Phi_{210}^{13}\ \Phi_{105}^{13}\ \Phi_{70}^{2}\ \Phi_{42}^{13}\ \Phi_{35}^{2}\ \Phi_{30}^{13}\ \Phi_{21}^{13}\ \Phi_{15}^{13}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}^{13}\ \Phi_{5}\ \Phi_{3}^{13}\ \Phi_{1}$
157334	1937	1980	$\frac{43}{1980}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{18}\ \Phi_{11}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
157335	1937	1368	$\frac{3}{152}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{1368}^{2}\ \Phi_{684}^{2}\ \Phi_{342}^{2}\ \Phi_{171}^{2}\ \Phi_{152}\ \Phi_{76}\ \Phi_{72}^{2}\ \Phi_{38}\ \Phi_{19}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
157336	1937	3330	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{36}{185}$	$\frac{5}{18}$	$\Phi_{3330}\ \Phi_{1665}\ \Phi_{185}\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
157337	1937	1134	$\frac{1}{14}$	$\frac{13}{162}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1134}^{2}\ \Phi_{567}^{2}\ \Phi_{378}^{2}\ \Phi_{189}^{2}\ \Phi_{162}\ \Phi_{81}\ \Phi_{54}\ \Phi_{42}^{2}\ \Phi_{27}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
157338	1937	2640	$\frac{1}{44}$	$\frac{43}{220}$	$\frac{177}{880}$	$\frac{703}{2640}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{48}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
157339	1937	2592	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{209}{864}$	$\frac{655}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
157340	1937	304	$\frac{3}{152}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{304}^{8}\ \Phi_{152}^{5}\ \Phi_{76}^{5}\ \Phi_{38}^{5}\ \Phi_{19}^{5}\ \Phi_{16}^{5}\ \Phi_{8}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
157341	1937	592	$\frac{3}{148}$	$\frac{3}{16}$	$\frac{145}{592}$	$\frac{1}{4}$	$\Phi_{592}^{3}\ \Phi_{296}^{3}\ \Phi_{148}^{4}\ \Phi_{74}^{4}\ \Phi_{37}^{4}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
157342	1937	2560	$\frac{17}{640}$	$\frac{3}{20}$	$\frac{623}{2560}$	$\frac{1}{4}$	$\Phi_{2560}\ \Phi_{1280}\ \Phi_{512}\ \Phi_{256}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
157343	1937	2000	$\frac{63}{2000}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
157344	1937	2960	$\frac{1}{37}$	$\frac{3}{16}$	$\frac{36}{185}$	$\frac{1}{4}$	$\Phi_{2960}\ \Phi_{1480}\ \Phi_{185}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
157345	1937	2400	$\frac{17}{480}$	$\frac{3}{20}$	$\frac{463}{2400}$	$\frac{1}{4}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
157346	1937	2040	$\frac{103}{2040}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
157347	1937	2240	$\frac{17}{320}$	$\frac{303}{2240}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
157348	1937	160	$\frac{11}{160}$	$\frac{17}{160}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{160}^{12}\ \Phi_{80}^{12}\ \Phi_{40}^{12}\ \Phi_{32}^{12}\ \Phi_{20}^{13}\ \Phi_{16}^{12}\ \Phi_{10}^{13}\ \Phi_{8}^{12}\ \Phi_{5}^{13}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
157349	1937	2160	$\frac{17}{240}$	$\frac{223}{2160}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
157350	1937	192	$\frac{1}{16}$	$\frac{5}{48}$	$\frac{3}{16}$	$\frac{43}{192}$	$\Phi_{192}^{13}\ \Phi_{96}^{13}\ \Phi_{64}^{13}\ \Phi_{32}^{13}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
157351	1937	1344	$\frac{1}{14}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{192}$	$\Phi_{1344}^{2}\ \Phi_{672}^{2}\ \Phi_{448}^{2}\ \Phi_{224}^{2}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{42}^{2}\ \Phi_{32}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
157352	1937	168	$\frac{1}{14}$	$\frac{19}{168}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{168}^{11}\ \Phi_{84}^{11}\ \Phi_{56}^{11}\ \Phi_{42}^{13}\ \Phi_{28}^{11}\ \Phi_{24}^{12}\ \Phi_{21}^{13}\ \Phi_{14}^{12}\ \Phi_{12}^{12}\ \Phi_{8}^{12}\ \Phi_{7}^{12}\ \Phi_{6}^{13}\ \Phi_{4}^{12}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
157353	1937	1260	$\frac{1}{14}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{180}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{420}^{2}\ \Phi_{315}^{2}\ \Phi_{210}^{2}\ \Phi_{180}\ \Phi_{140}^{2}\ \Phi_{105}^{2}\ \Phi_{90}\ \Phi_{70}^{2}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{30}\ \Phi_{21}^{2}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
157354	1938	3220	$\frac{1}{322}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{321}{644}$	$\Phi_{3220}\ \Phi_{644}^{2}\ \Phi_{460}\ \Phi_{140}\ \Phi_{92}^{2}\ \Phi_{28}^{2}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
157355	1938	1932	$\frac{1}{322}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{321}{644}$	$\Phi_{1932}\ \Phi_{966}^{2}\ \Phi_{483}^{2}\ \Phi_{276}\ \Phi_{138}^{2}\ \Phi_{84}\ \Phi_{69}^{2}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
157356	1938	5790	$\frac{4}{965}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{961}{1930}$	$\Phi_{5790}\ \Phi_{1158}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
157357	1938	1164	$\frac{1}{194}$	$\frac{65}{388}$	$\frac{1}{3}$	$\frac{193}{388}$	$\Phi_{1164}^{2}\ \Phi_{582}^{3}\ \Phi_{291}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
157358	1938	4494	$\frac{2}{321}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{319}{642}$	$\Phi_{4494}\ \Phi_{1498}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
157359	1938	596	$\frac{1}{149}$	$\frac{25}{298}$	$\frac{273}{596}$	$\frac{74}{149}$	$\Phi_{596}^{6}\ \Phi_{149}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
157360	1938	447	$\frac{1}{149}$	$\frac{25}{149}$	$\frac{124}{447}$	$\frac{74}{149}$	$\Phi_{447}^{6}\ \Phi_{149}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157361	1938	1192	$\frac{1}{149}$	$\frac{223}{1192}$	$\frac{75}{298}$	$\frac{74}{149}$	$\Phi_{1192}^2\ \Phi_{596}^2\ \Phi_{149}\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
157362	1938	1924	$\frac{7}{962}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{955}{1924}$	$\Phi_{1924}^2\ \Phi_{148}^2\ \Phi_{52}^2\ \Phi_{13}\ \Phi_4^2\ \Phi_1^2$
157363	1938	3616	$\frac{1}{113}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{56}{113}$	$\Phi_{3616}\ \Phi_{113}\ \Phi_{32}^2\ \Phi_1^2$
157364	1938	2712	$\frac{1}{113}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{56}{113}$	$\Phi_{2712}\ \Phi_{1356}\ \Phi_{678}\ \Phi_{339}\ \Phi_{113}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
157365	1938	2260	$\frac{1}{113}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{56}{113}$	$\Phi_{2260}\ \Phi_{1130}\ \Phi_{565}\ \Phi_{113}\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
157366	1938	3024	$\frac{1}{108}$	$\frac{1}{7}$	$\frac{109}{432}$	$\frac{107}{216}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{756}\ \Phi_{378}\ \Phi_{336}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
157367	1938	1920	$\frac{3}{320}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{317}{640}$	$\Phi_{1920}^3\ \Phi_{384}^3\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
157368	1938	4480	$\frac{3}{320}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{317}{640}$	$\Phi_{4480}\ \Phi_{896}\ \Phi_{28}\ \Phi_{14}$
157369	1938	3636	$\frac{1}{101}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{50}{101}$	$\Phi_{3636}\ \Phi_{1212}\ \Phi_{404}\ \Phi_{101}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
157370	1938	2121	$\frac{1}{101}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{50}{101}$	$\Phi_{2121}\ \Phi_{707}\ \Phi_{101}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
157371	1938	2727	$\frac{1}{101}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{50}{101}$	$\Phi_{2727}\ \Phi_{101}\ \Phi_{27}^2\ \Phi_1^2$
157372	1938	2424	$\frac{1}{101}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{50}{101}$	$\Phi_{2424}\ \Phi_{1212}\ \Phi_{808}\ \Phi_{404}\ \Phi_{101}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
157373	1938	637	$\frac{9}{637}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{314}{637}$	$\Phi_{637}^3\ \Phi_{91}^3\ \Phi_{49}^3\ \Phi_{13}^5\ \Phi_7^3\ \Phi_1^6$
157374	1938	4452	$\frac{5}{318}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{313}{636}$	$\Phi_{4452}\ \Phi_{1484}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
157375	1938	3696	$\frac{1}{56}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{55}{112}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{112}^2\ \Phi_{48}\ \Phi_{33}\ \Phi_{16}^2\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
157376	1938	1008	$\frac{1}{56}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{55}{112}$	$\Phi_{1008}^4\ \Phi_{336}^3\ \Phi_{144}^4\ \Phi_{112}^4\ \Phi_{48}^3\ \Phi_{18}^2\ \Phi_{16}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157377	1938	1232	$\frac{1}{56}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{55}{112}$	$\Phi_{1232}^3\ \Phi_{176}^3\ \Phi_{112}^4\ \Phi_{22}^2\ \Phi_{16}^4\ \Phi_{11}\ \Phi_2^2\ \Phi_1^2$
157378	1938	1300	$\frac{6}{325}$	$\frac{1}{13}$	$\frac{331}{1300}$	$\frac{319}{650}$	$\Phi_{1300}^2\ \Phi_{325}^2\ \Phi_{260}^2\ \Phi_{100}^2\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{13}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
157379	1938	3700	$\frac{1}{50}$	$\frac{1}{37}$	$\frac{18}{37}$	$\frac{49}{100}$	$\Phi_{3700}\ \Phi_{740}\ \Phi_{148}\ \Phi_{100}^2\ \Phi_{37}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
157380	1938	300	$\frac{1}{50}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{49}{100}$	$\Phi_{300}^9\ \Phi_{150}^{10}\ \Phi_{75}^{10}\ \Phi_{60}^{10}\ \Phi_{30}^{11}\ \Phi_{15}^{11}\ \Phi_{12}^{10}\ \Phi_6^{11}\ \Phi_3^{10}$
157381	1938	630	$\frac{8}{315}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{307}{630}$	$\Phi_{630}^6\ \Phi_{210}^6\ \Phi_{126}^6\ \Phi_{90}^6\ \Phi_{70}^6\ \Phi_{63}\ \Phi_{42}^6\ \Phi_{30}^6\ \Phi_{21}\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_6^6\ \Phi_2^6$
157382	1938	925	$\frac{1}{37}$	$\frac{1}{25}$	$\frac{8}{25}$	$\frac{18}{37}$	$\Phi_{925}^2\ \Phi_{185}^2\ \Phi_{37}^3\ \Phi_{25}^4\ \Phi_5^4\ \Phi_1^6$
157383	1938	1332	$\frac{1}{37}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{18}{37}$	$\Phi_{1332}^2\ \Phi_{666}\ \Phi_{444}^2\ \Phi_{333}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{37}\ \Phi_{36}^4\ \Phi_{18}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
157384	1938	2035	$\frac{1}{37}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{18}{37}$	$\Phi_{2035}\ \Phi_{407}\ \Phi_{55}^2\ \Phi_{37}\ \Phi_{11}^2\ \Phi_1^2$
157385	1938	740	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{18}{37}$	$\Phi_{740}^3\ \Phi_{370}^2\ \Phi_{185}^2\ \Phi_{148}^3\ \Phi_{74}^2\ \Phi_{37}^3\ \Phi_{20}^6\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
157386	1938	2520	$\frac{1}{36}$	$\frac{37}{360}$	$\frac{1}{7}$	$\frac{35}{72}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{315}\ \Phi_{280}\ \Phi_{252}\ \Phi_{210}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
157387	1938	1885	$\frac{53}{1885}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{916}{1885}$	$\Phi_{1885}\ \Phi_{377}\ \Phi_{145}\ \Phi_{65}^2\ \Phi_{29}\ \Phi_{13}\ \Phi_5^2\ \Phi_1^2$
157388	1938	924	$\frac{1}{33}$	$\frac{1}{28}$	$\frac{9}{28}$	$\frac{16}{33}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{33}^3\ \Phi_{28}^4\ \Phi_{22}^2\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_{12}^2\ \Phi_{11}^3\ \Phi_7^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
157389	1938	660	$\frac{1}{33}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{16}{33}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}^3\ \Phi_{132}^2\ \Phi_{110}^3\ \Phi_{66}^2\ \Phi_{60}^3\ \Phi_{55}^5\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{22}^2\ \Phi_{20}^6\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{11}^3\ \Phi_{10}^6\ \Phi_6^2\ \Phi_5^6\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
157390	1938	2310	$\frac{1}{33}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{16}{33}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{110}\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
157391	1938	231	$\frac{1}{33}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{16}{33}$	$\Phi_{231}^8\ \Phi_{77}^8\ \Phi_{33}^9\ \Phi_{21}^{11}\ \Phi_{11}^9\ \Phi_7^{10}\ \Phi_3^{12}\ \Phi_1^{12}$
157392	1938	2112	$\frac{1}{33}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{16}{33}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{192}\ \Phi_{176}\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_3\ \Phi_1^2$
157393	1938	390	$\frac{2}{65}$	$\frac{1}{13}$	$\frac{67}{390}$	$\frac{63}{130}$	$\Phi_{390}^6\ \Phi_{195}^6\ \Phi_{78}^6\ \Phi_{65}^6\ \Phi_{39}^6\ \Phi_{30}^6\ \Phi_{15}^6\ \Phi_{13}^5\ \Phi_6^6\ \Phi_5^6\ \Phi_3^6\ \Phi_1^6$
157394	1938	624	$\frac{11}{312}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{301}{624}$	$\Phi_{624}^6\ \Phi_{208}^6\ \Phi_{48}^6\ \Phi_{16}^6\ \Phi_{13}^5\ \Phi_1^6$
157395	1938	4368	$\frac{11}{312}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{301}{624}$	$\Phi_{4368}\ \Phi_{1456}\ \Phi_{336}\ \Phi_{112}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157396	1938	1937	$\frac{59}{1937}$	$\frac{69}{1937}$	$\frac{626}{1937}$	$\frac{934}{1937}$	$\Phi_{1937}\ \Phi_{149}\ \Phi_{13}\ \Phi_{1}^{2}$
157397	1938	990	$\frac{2}{55}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{53}{110}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{330}^{2}\ \Phi_{198}^{2}\ \Phi_{165}^{2}\ \Phi_{99}^{2}\ \Phi_{90}^{3}\ \Phi_{66}^{2}\ \Phi_{55}^{2}\ \Phi_{45}^{3}\ \Phi_{33}^{2}\ \Phi_{30}^{3}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{11}^{2}\ \Phi_{10}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
157398	1938	1937	$\frac{53}{1937}$	$\frac{77}{1937}$	$\frac{628}{1937}$	$\frac{930}{1937}$	$\Phi_{1937}\ \Phi_{149}\ \Phi_{13}\ \Phi_{1}^{2}$
157399	1938	414	$\frac{1}{23}$	$\frac{1}{18}$	$\frac{4}{23}$	$\frac{11}{23}$	$\Phi_{414}^{5}\ \Phi_{207}^{5}\ \Phi_{138}^{5}\ \Phi_{69}^{5}\ \Phi_{46}^{5}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
157400	1938	2060	$\frac{5}{103}$	$\frac{1}{20}$	$\frac{18}{103}$	$\frac{49}{103}$	$\Phi_{2060}\ \Phi_{1030}\ \Phi_{515}\ \Phi_{412}\ \Phi_{206}$
157401	1938	1937	$\frac{94}{1937}$	$\frac{97}{1937}$	$\frac{339}{1937}$	$\frac{920}{1937}$	$\Phi_{1937}\ \Phi_{149}\ \Phi_{13}\ \Phi_{1}^{2}$
157402	1938	2588	$\frac{20}{647}$	$\frac{33}{647}$	$\frac{1}{4}$	$\frac{307}{647}$	$\Phi_{2588}\ \Phi_{1294}$
157403	1938	468	$\frac{1}{52}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{468}^{4}\ \Phi_{234}^{4}\ \Phi_{156}^{5}\ \Phi_{117}^{4}\ \Phi_{78}^{5}\ \Phi_{52}^{4}\ \Phi_{39}^{5}\ \Phi_{36}^{2}\ \Phi_{26}^{4}\ \Phi_{18}^{4}\ \Phi_{13}^{4}\ \Phi_{12}^{3}\ \Phi_{9}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
157404	1938	3636	$\frac{2}{101}$	$\frac{1}{18}$	$\frac{33}{101}$	$\frac{17}{36}$	$\Phi_{3636}\ \Phi_{1212}\ \Phi_{404}\ \Phi_{101}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
157405	1938	1260	$\frac{1}{35}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{1260}\ \Phi_{630}^{2}\ \Phi_{420}\ \Phi_{315}^{2}\ \Phi_{252}\ \Phi_{210}^{2}\ \Phi_{180}\ \Phi_{140}^{2}\ \Phi_{126}^{2}\ \Phi_{105}^{2}\ \Phi_{90}^{2}\ \Phi_{84}\ \Phi_{70}^{3}\ \Phi_{63}^{2}\ \Phi_{60}\ \Phi_{45}^{2}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{3}\ \Phi_{10}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{2}$
157406	1938	3636	$\frac{5}{101}$	$\frac{1}{18}$	$\frac{16}{101}$	$\frac{17}{36}$	$\Phi_{3636}\ \Phi_{1212}\ \Phi_{404}\ \Phi_{101}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
157407	1938	252	$\frac{1}{18}$	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{17}{36}$	$\Phi_{252}^{17}\ \Phi_{126}\ \Phi_{84}^{17}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}^{17}\ \Phi_{21}\ \Phi_{14}$
157408	1938	1937	$\frac{84}{1937}$	$\frac{109}{1937}$	$\frac{341}{1937}$	$\frac{914}{1937}$	$\Phi_{1937}\ \Phi_{149}\ \Phi_{13}\ \Phi_{1}^{2}$
157409	1938	2588	$\frac{18}{647}$	$\frac{37}{647}$	$\frac{1}{4}$	$\frac{305}{647}$	$\Phi_{2588}\ \Phi_{1294}$
157410	1938	2784	$\frac{1}{58}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{2784}^{2}\ \Phi_{174}\ \Phi_{96}\ \Phi_{87}\ \Phi_{6}$
157411	1938	3616	$\frac{2}{113}$	$\frac{1}{16}$	$\frac{37}{113}$	$\frac{15}{32}$	$\Phi_{3616}\ \Phi_{113}\ \Phi_{32}^{2}\ \Phi_{1}^{2}$
157412	1938	1248	$\frac{1}{39}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{1248}^{3}\ \Phi_{416}^{3}\ \Phi_{156}\ \Phi_{96}^{3}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}\ \Phi_{12}\ \Phi_{6}$
157413	1938	3616	$\frac{5}{113}$	$\frac{1}{16}$	$\frac{18}{113}$	$\frac{15}{32}$	$\Phi_{3616}\ \Phi_{113}\ \Phi_{32}^{2}\ \Phi_{1}^{2}$
157414	1938	1120	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{15}{32}$	$\Phi_{1120}^{4}\ \Phi_{224}^{3}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}$
157415	1938	1820	$\frac{59}{910}$	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{851}{1820}$	$\Phi_{1820}^{2}\ \Phi_{364}^{2}\ \Phi_{260}^{2}\ \Phi_{140}^{2}\ \Phi_{65}^{2}\ \Phi_{52}^{2}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{13}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
157416	1938	481	$\frac{7}{481}$	$\frac{1}{13}$	$\frac{158}{481}$	$\frac{6}{13}$	$\Phi_{481}^{4}\ \Phi_{37}^{4}\ \Phi_{13}^{5}\ \Phi_{1}^{6}$
157417	1938	52	$\frac{1}{52}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{52}^{38}\ \Phi_{26}^{36}\ \Phi_{13}^{37}\ \Phi_{4}^{38}\ \Phi_{2}^{36}\ \Phi_{1}^{38}$
157418	1938	336	$\frac{13}{336}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{336}^{6}\ \Phi_{168}^{5}\ \Phi_{112}^{6}\ \Phi_{84}^{6}\ \Phi_{56}^{5}\ \Phi_{48}^{6}\ \Phi_{42}^{6}\ \Phi_{28}^{6}\ \Phi_{24}^{6}\ \Phi_{21}^{6}\ \Phi_{16}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
157419	1938	596	$\frac{2}{149}$	$\frac{25}{298}$	$\frac{49}{149}$	$\frac{273}{596}$	$\Phi_{596}^{6}\ \Phi_{149}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
157420	1938	4158	$\frac{1}{27}$	$\frac{26}{297}$	$\frac{1}{7}$	$\frac{271}{594}$	$\Phi_{4158}\ \Phi_{1386}\ \Phi_{462}\ \Phi_{378}\ \Phi_{189}\ \Phi_{154}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
157421	1938	1040	$\frac{71}{1040}$	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{59}{130}$	$\Phi_{1040}^{2}\ \Phi_{520}^{2}\ \Phi_{260}^{2}\ \Phi_{208}^{2}\ \Phi_{104}^{2}\ \Phi_{80}^{2}\ \Phi_{65}^{2}\ \Phi_{52}^{2}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
157422	1938	2940	$\frac{11}{980}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{735}\ \Phi_{588}\ \Phi_{420}\ \Phi_{294}\ \Phi_{210}\ \Phi_{147}\ \Phi_{105}\ \Phi_{84}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{6}$
157423	1938	585	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{61}{585}$	$\frac{262}{585}$	$\Phi_{585}^{3}\ \Phi_{195}^{3}\ \Phi_{117}^{3}\ \Phi_{65}^{6}\ \Phi_{45}^{3}\ \Phi_{39}^{3}\ \Phi_{15}^{3}\ \Phi_{13}^{5}\ \Phi_{9}^{3}\ \Phi_{5}^{6}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
157424	1938	582	$\frac{1}{97}$	$\frac{32}{291}$	$\frac{1}{3}$	$\frac{259}{582}$	$\Phi_{582}^{6}\ \Phi_{291}\ \Phi_{194}^{6}\ \Phi_{6}^{6}\ \Phi_{2}^{6}$
157425	1938	4032	$\frac{1}{36}$	$\frac{35}{288}$	$\frac{1}{7}$	$\frac{253}{576}$	$\Phi_{4032}\ \Phi_{1344}\ \Phi_{448}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
157426	1938	690	$\frac{1}{115}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{690}^{5}\ \Phi_{345}\ \Phi_{230}^{5}\ \Phi_{138}^{5}\ \Phi_{69}\ \Phi_{46}^{5}\ \Phi_{30}^{4}\ \Phi_{15}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{2}^{4}$
157427	1938	870	$\frac{1}{58}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{870}^{2}\ \Phi_{435}^{2}\ \Phi_{290}^{3}\ \Phi_{174}^{2}\ \Phi_{145}^{3}\ \Phi_{87}^{2}\ \Phi_{58}^{2}\ \Phi_{29}^{2}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
157428	1938	1218	$\frac{1}{58}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{1218}^{2}\ \Phi_{609}^{2}\ \Phi_{406}\ \Phi_{203}\ \Phi_{174}^{2}\ \Phi_{87}^{2}\ \Phi_{42}^{2}\ \Phi_{14}\ \Phi_{6}^{2}$
157429	1938	338	$\frac{15}{338}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{26}$	$\Phi_{338}^{6}\ \Phi_{169}^{6}\ \Phi_{13}^{5}\ \Phi_{1}^{6}$
157430	1938	2760	$\frac{1}{115}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{230}\ \Phi_{184}\ \Phi_{138}\ \Phi_{120}\ \Phi_{69}\ \Phi_{46}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157431	1938	3296	$\frac{1}{103}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{3296}\ \Phi_{412}\ \Phi_{206}$
157432	1938	1625	$\frac{12}{325}$	$\frac{1}{13}$	$\frac{313}{1625}$	$\frac{656}{1625}$	$\Phi_{1625}\ \Phi_{325}^2\ \Phi_{125}\ \Phi_{65}^2\ \Phi_{25}^2\ \Phi_{13}\ \Phi_5^2\ \Phi_1^2$
157433	1938	3780	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{53}{270}$	$\frac{217}{540}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{420}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{140}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
157434	1938	2415	$\frac{1}{161}$	$\frac{1}{5}$	$\frac{160}{483}$	$\frac{2}{5}$	$\Phi_{2415}\ \Phi_{483}^2\ \Phi_{345}\ \Phi_{105}\ \Phi_{69}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
157435	1938	580	$\frac{1}{58}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{580}^4\ \Phi_{290}^3\ \Phi_{145}^3\ \Phi_{116}^4\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
157436	1938	1645	$\frac{6}{329}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1645}\ \Phi_{329}^2\ \Phi_{235}\ \Phi_{47}^2\ \Phi_5\ \Phi_1^2$
157437	1938	1840	$\frac{1}{46}$	$\frac{45}{368}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{368}^2\ \Phi_{184}^2\ \Phi_{92}^2\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
157438	1938	1680	$\frac{13}{336}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}^2\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{80}\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{40}\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
157439	1938	345	$\frac{1}{23}$	$\frac{22}{345}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{345}^6\ \Phi_{115}^5\ \Phi_{69}^6\ \Phi_{23}^4\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^6\ \Phi_1^6$
157440	1938	805	$\frac{8}{161}$	$\frac{9}{161}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{805}^2\ \Phi_{161}^4\ \Phi_{115}^2\ \Phi_{35}^2\ \Phi_{23}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_1^6$
157441	1938	180	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{180}^{12}\ \Phi_{90}^{11}\ \Phi_{60}^{12}\ \Phi_{45}^{11}\ \Phi_{36}^{12}\ \Phi_{30}^{11}\ \Phi_{20}^6\ \Phi_{18}^{10}\ \Phi_{15}^{11}\ \Phi_{12}^{12}\ \Phi_{10}^5\ \Phi_9^{10}\ \Phi_6^{10}\ \Phi_5^6\ \Phi_4^6\ \Phi_3^{10}\ \Phi_2^4\ \Phi_1^6$
157442	1938	812	$\frac{1}{58}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{812}^4\ \Phi_{406}\ \Phi_{203}\ \Phi_{116}^4\ \Phi_{28}^2\ \Phi_{14}\ \Phi_4^2$
157443	1938	325	$\frac{2}{325}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{325}^6\ \Phi_{65}^6\ \Phi_{25}^6\ \Phi_{13}^5\ \Phi_5^6\ \Phi_1^6$
157444	1938	828	$\frac{1}{23}$	$\frac{1}{18}$	$\frac{11}{46}$	$\frac{35}{92}$	$\Phi_{828}^4\ \Phi_{414}\ \Phi_{276}^4\ \Phi_{207}\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}\ \Phi_{36}^4\ \Phi_{12}^4\ \Phi_4^2$
157445	1938	520	$\frac{2}{65}$	$\frac{1}{13}$	$\frac{63}{260}$	$\frac{197}{520}$	$\Phi_{520}^6\ \Phi_{104}^6\ \Phi_{65}^6\ \Phi_{40}^6\ \Phi_{13}^5\ \Phi_8^6\ \Phi_5^6\ \Phi_1^6$
157446	1938	4656	$\frac{1}{194}$	$\frac{193}{776}$	$\frac{1}{3}$	$\frac{583}{1552}$	$\Phi_{4656}\ \Phi_{582}\ \Phi_{291}\ \Phi_{48}\ \Phi_6$
157447	1938	2472	$\frac{1}{103}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2472}\ \Phi_{1236}\ \Phi_{618}\ \Phi_{412}\ \Phi_{309}\ \Phi_{206}$
157448	1938	2296	$\frac{5}{328}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2296}\ \Phi_{1148}\ \Phi_{574}\ \Phi_{287}\ \Phi_{28}\ \Phi_{14}$
157449	1938	2184	$\frac{1}{39}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{168}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{78}\ \Phi_{52}\ \Phi_{42}\ \Phi_{26}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
157450	1938	3090	$\frac{1}{103}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{3090}\ \Phi_{1030}\ \Phi_{618}\ \Phi_{515}\ \Phi_{206}$
157451	1938	78	$\frac{1}{39}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{78}^{39}\ \Phi_{39}^{12}\ \Phi_{26}^{36}\ \Phi_{13}^{11}\ \Phi_6^{39}\ \Phi_3^{12}\ \Phi_2^{36}\ \Phi_1^{12}$
157452	1938	1937	$\frac{67}{1937}$	$\frac{110}{1937}$	$\frac{609}{1937}$	$\frac{664}{1937}$	$\Phi_{1937}\ \Phi_{149}\ \Phi_{13}\ \Phi_1^2$
157453	1938	1937	$\frac{75}{1937}$	$\frac{98}{1937}$	$\frac{613}{1937}$	$\frac{662}{1937}$	$\Phi_{1937}\ \Phi_{149}\ \Phi_{13}\ \Phi_1^2$
157454	1938	2060	$\frac{4}{103}$	$\frac{1}{20}$	$\frac{33}{103}$	$\frac{35}{103}$	$\Phi_{2060}\ \Phi_{1030}\ \Phi_{515}\ \Phi_{412}\ \Phi_{206}$
157455	1938	2070	$\frac{4}{115}$	$\frac{1}{18}$	$\frac{37}{115}$	$\frac{39}{115}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{414}\ \Phi_{345}\ \Phi_{230}\ \Phi_{207}\ \Phi_{138}\ \Phi_{90}\ \Phi_{69}\ \Phi_{46}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
157456	1938	3402	$\frac{1}{81}$	$\frac{1}{7}$	$\frac{80}{243}$	$\frac{163}{486}$	$\Phi_{3402}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{378}\ \Phi_{189}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
157457	1938	1092	$\frac{1}{52}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{156}\ \Phi_{91}^2\ \Phi_{84}^2\ \Phi_{78}\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_6$
157458	1938	1932	$\frac{1}{161}$	$\frac{1}{4}$	$\frac{160}{483}$	$\frac{1}{3}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}^2\ \Phi_{322}^2\ \Phi_{276}\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{84}\ \Phi_{46}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
157459	1938	1164	$\frac{1}{97}$	$\frac{65}{388}$	$\frac{32}{97}$	$\frac{1}{3}$	$\Phi_{1164}^3\ \Phi_{582}^3\ \Phi_{291}\ \Phi_{12}^3\ \Phi_6^3$
157460	1938	480	$\frac{3}{160}$	$\frac{1}{10}$	$\frac{157}{480}$	$\frac{1}{3}$	$\Phi_{480}^3\ \Phi_{240}^3\ \Phi_{160}^6\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{80}^6\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}^6\ \Phi_{32}^6\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^6\ \Phi_{16}^6\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^6\ \Phi_8^6\ \Phi_6^4\ \Phi_5^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
157461	1938	2121	$\frac{2}{101}$	$\frac{2}{21}$	$\frac{33}{101}$	$\frac{1}{3}$	$\Phi_{2121}\ \Phi_{707}\ \Phi_{101}\ \Phi_{21}^2\ \Phi_7^2\ \Phi_1^2$
157462	1938	252	$\frac{1}{28}$	$\frac{1}{18}$	$\frac{9}{28}$	$\frac{1}{3}$	$\Phi_{252}^8\ \Phi_{126}^8\ \Phi_{84}^6\ \Phi_{63}^8\ \Phi_{42}^6\ \Phi_{36}^8\ \Phi_{28}^8\ \Phi_{21}^6\ \Phi_{18}^{10}\ \Phi_{14}^8\ \Phi_{12}^6\ \Phi_9^{10}\ \Phi_7^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
157463	1938	300	$\frac{1}{25}$	$\frac{1}{20}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{300}^{10}\ \Phi_{150}^{10}\ \Phi_{75}^8\ \Phi_{60}^{11}\ \Phi_{30}^{11}\ \Phi_{15}^9\ \Phi_{12}^{11}\ \Phi_6^{11}\ \Phi_3^8$
157464	1938	2910	$\frac{39}{970}$	$\frac{49}{970}$	$\frac{307}{970}$	$\frac{1}{3}$	$\Phi_{2910}\ \Phi_{1455}\ \Phi_{582}\ \Phi_{291}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157465	1938	582	$\frac{7}{194}$	$\frac{11}{194}$	$\frac{61}{194}$	$\frac{1}{3}$	$\Phi_{582}^{5}\ \Phi_{291}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
157466	1938	330	$\frac{7}{330}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{330}^{6}\ \Phi_{165}^{6}\ \Phi_{110}^{6}\ \Phi_{66}^{6}\ \Phi_{55}^{6}\ \Phi_{33}^{6}\ \Phi_{30}^{4}\ \Phi_{22}^{6}\ \Phi_{15}^{4}\ \Phi_{11}^{6}\ \Phi_{10}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
157467	1938	1404	$\frac{1}{52}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{1404}^{2}\ \Phi_{702}^{2}\ \Phi_{351}^{2}\ \Phi_{156}\ \Phi_{108}^{2}\ \Phi_{78}\ \Phi_{54}^{2}\ \Phi_{39}\ \Phi_{12}\ \Phi_{6}$
157468	1938	696	$\frac{1}{58}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{696}^{2}\ \Phi_{348}^{2}\ \Phi_{232}^{4}\ \Phi_{174}^{3}\ \Phi_{116}^{4}\ \Phi_{87}^{3}\ \Phi_{58}^{4}\ \Phi_{29}^{4}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
157469	1938	1740	$\frac{1}{58}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1740}^{2}\ \Phi_{870}^{2}\ \Phi_{435}^{2}\ \Phi_{174}\ \Phi_{87}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
157470	1938	3948	$\frac{6}{329}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3948}\ \Phi_{1974}\ \Phi_{564}\ \Phi_{282}\ \Phi_{12}\ \Phi_{6}$
157471	1938	1104	$\frac{1}{46}$	$\frac{45}{368}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1104}^{3}\ \Phi_{552}^{3}\ \Phi_{276}\ \Phi_{138}^{2}\ \Phi_{69}^{2}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
157472	1938	420	$\frac{1}{35}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{140}^{7}\ \Phi_{84}^{5}\ \Phi_{70}^{7}\ \Phi_{60}^{6}\ \Phi_{42}^{5}\ \Phi_{30}^{6}\ \Phi_{28}^{6}\ \Phi_{20}^{7}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{10}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
157473	1938	336	$\frac{13}{336}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^{6}\ \Phi_{168}^{6}\ \Phi_{112}^{6}\ \Phi_{84}^{4}\ \Phi_{56}^{6}\ \Phi_{48}^{6}\ \Phi_{42}^{5}\ \Phi_{28}^{6}\ \Phi_{24}^{6}\ \Phi_{21}^{5}\ \Phi_{16}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{5}\ \Phi_{8}^{6}\ \Phi_{7}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
157474	1938	1380	$\frac{1}{23}$	$\frac{22}{345}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1380}^{2}\ \Phi_{690}^{2}\ \Phi_{460}^{2}\ \Phi_{276}\ \Phi_{230}^{2}\ \Phi_{138}\ \Phi_{92}^{2}\ \Phi_{60}^{2}\ \Phi_{46}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
157475	1938	1932	$\frac{8}{161}$	$\frac{9}{161}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1932}^{2}\ \Phi_{966}^{2}\ \Phi_{276}^{2}\ \Phi_{138}^{2}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}$
157476	1938	180	$\frac{1}{20}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}^{9}\ \Phi_{45}^{12}\ \Phi_{36}^{8}\ \Phi_{30}^{9}\ \Phi_{20}^{12}\ \Phi_{18}^{10}\ \Phi_{15}^{9}\ \Phi_{12}^{6}\ \Phi_{10}^{12}\ \Phi_{9}^{10}\ \Phi_{6}^{8}\ \Phi_{5}^{12}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
157477	1938	3840	$\frac{9}{320}$	$\frac{1}{10}$	$\frac{311}{1280}$	$\frac{1}{3}$	$\Phi_{3840}\ \Phi_{1920}\ \Phi_{768}\ \Phi_{384}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
157478	1938	3000	$\frac{31}{1000}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{600}\ \Phi_{375}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
157479	1938	2340	$\frac{1}{52}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{156}\ \Phi_{130}\ \Phi_{90}\ \Phi_{78}\ \Phi_{65}\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
157480	1938	312	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{312}^{8}\ \Phi_{156}^{5}\ \Phi_{104}^{8}\ \Phi_{78}^{5}\ \Phi_{52}^{4}\ \Phi_{39}^{5}\ \Phi_{26}^{4}\ \Phi_{24}^{6}\ \Phi_{13}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{6}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
157481	1938	660	$\frac{1}{20}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{660}^{5}\ \Phi_{330}^{5}\ \Phi_{165}^{4}\ \Phi_{132}^{5}\ \Phi_{66}^{5}\ \Phi_{60}\ \Phi_{33}^{4}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
157482	1938	1200	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{77}{400}$	$\frac{1}{3}$	$\Phi_{1200}^{3}\ \Phi_{600}^{3}\ \Phi_{300}^{3}\ \Phi_{150}^{3}\ \Phi_{75}^{3}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
157483	1938	630	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1}{3}$	$\Phi_{630}^{4}\ \Phi_{315}^{4}\ \Phi_{210}^{3}\ \Phi_{105}^{3}\ \Phi_{90}^{4}\ \Phi_{70}^{4}\ \Phi_{45}^{4}\ \Phi_{35}^{4}\ \Phi_{30}^{3}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
157484	1938	2121	$\frac{5}{101}$	$\frac{2}{21}$	$\frac{16}{101}$	$\frac{1}{3}$	$\Phi_{2121}\ \Phi_{707}\ \Phi_{101}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
157485	1938	60	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{3}$	$\Phi_{60}^{48}\ \Phi_{30}^{49}\ \Phi_{15}^{49}\ \Phi_{12}^{48}\ \Phi_{6}^{49}\ \Phi_{3}^{48}$
157486	1938	126	$\frac{1}{18}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{126}^{16}\ \Phi_{63}^{16}\ \Phi_{42}^{16}\ \Phi_{21}^{11}\ \Phi_{18}^{18}\ \Phi_{14}^{16}\ \Phi_{9}^{18}\ \Phi_{7}^{10}\ \Phi_{6}^{18}\ \Phi_{3}^{12}\ \Phi_{2}^{18}\ \Phi_{1}^{12}$
157487	1938	3360	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{151}{1120}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{672}\ \Phi_{420}\ \Phi_{336}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{84}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{6}$
157488	1938	576	$\frac{1}{18}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{576}^{4}\ \Phi_{288}^{4}\ \Phi_{192}^{3}\ \Phi_{144}^{4}\ \Phi_{96}^{3}\ \Phi_{64}^{4}\ \Phi_{48}^{3}\ \Phi_{32}^{4}\ \Phi_{18}^{2}\ \Phi_{16}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
157489	1938	3120	$\frac{71}{1040}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{624}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
157490	1938	360	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{37}{360}$	$\frac{1}{3}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{3}\ \Phi_{90}^{6}\ \Phi_{72}^{6}\ \Phi_{60}^{3}\ \Phi_{45}^{6}\ \Phi_{40}^{6}\ \Phi_{36}^{6}\ \Phi_{30}^{4}\ \Phi_{24}^{3}\ \Phi_{20}^{6}\ \Phi_{18}^{6}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{6}\ \Phi_{9}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
157491	1938	447	$\frac{2}{149}$	$\frac{25}{149}$	$\frac{124}{447}$	$\frac{49}{149}$	$\Phi_{447}^{6}\ \Phi_{149}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
157492	1938	2712	$\frac{2}{113}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{37}{113}$	$\Phi_{2712}\ \Phi_{1356}\ \Phi_{678}\ \Phi_{339}\ \Phi_{113}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
157493	1938	2260	$\frac{2}{113}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{37}{113}$	$\Phi_{2260}\ \Phi_{1130}\ \Phi_{565}\ \Phi_{113}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
157494	1938	3360	$\frac{3}{160}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{157}{480}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{672}\ \Phi_{420}\ \Phi_{336}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
157495	1938	2727	$\frac{2}{101}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{33}{101}$	$\Phi_{2727}\ \Phi_{101}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$
157496	1938	2424	$\frac{2}{101}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{33}{101}$	$\Phi_{2424}\ \Phi_{1212}\ \Phi_{808}\ \Phi_{404}\ \Phi_{101}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
157497	1938	308	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{9}{28}$	$\Phi_{308}^{6}\ \Phi_{154}^{6}\ \Phi_{77}^{6}\ \Phi_{44}^{6}\ \Phi_{28}^{8}\ \Phi_{22}^{8}\ \Phi_{14}^{8}\ \Phi_{11}^{7}\ \Phi_{7}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157498	1938	390	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{67}{390}$	$\frac{61}{195}$	$\Phi_{390}^{6}\ \Phi_{195}^{3}\ \Phi_{130}^{6}\ \Phi_{78}^{6}\ \Phi_{65}^{6}\ \Phi_{39}^{3}\ \Phi_{30}^{6}\ \Phi_{26}^{6}\ \Phi_{15}^{3}\ \Phi_{13}^{5}\ \Phi_{10}^{6}\ \Phi_{6}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
157499	1938	468	$\frac{11}{156}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{145}{468}$	$\Phi_{468}^{6}\ \Phi_{234}^{6}\ \Phi_{117}^{6}\ \Phi_{36}^{6}\ \Phi_{18}^{6}\ \Phi_{13}^{5}\ \Phi_{9}^{6}\ \Phi_{1}^{6}$
157500	1938	3276	$\frac{11}{156}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{145}{468}$	$\Phi_{3276}\ \Phi_{1638}\ \Phi_{819}\ \Phi_{252}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
157501	1938	990	$\frac{1}{18}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{17}{55}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{330}^{2}\ \Phi_{198}^{2}\ \Phi_{165}^{2}\ \Phi_{110}^{2}\ \Phi_{99}^{2}\ \Phi_{90}^{3}\ \Phi_{66}^{2}\ \Phi_{45}^{3}\ \Phi_{33}^{2}\ \Phi_{30}^{3}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
157502	1938	364	$\frac{1}{13}$	$\frac{9}{91}$	$\frac{41}{364}$	$\frac{4}{13}$	$\Phi_{364}^{6}\ \Phi_{182}^{6}\ \Phi_{91}^{3}\ \Phi_{52}^{6}\ \Phi_{28}^{6}\ \Phi_{26}^{6}\ \Phi_{14}^{6}\ \Phi_{13}^{5}\ \Phi_{7}^{3}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
157503	1938	3780	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{3780}\ \Phi_{1890}\ \Phi_{756}\ \Phi_{540}\ \Phi_{378}\ \Phi_{270}\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
157504	1938	2727	$\frac{5}{101}$	$\frac{1}{9}$	$\frac{16}{101}$	$\frac{8}{27}$	$\Phi_{2727}\ \Phi_{101}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$
157505	1938	378	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{27}$	$\Phi_{378}^{9}\ \Phi_{189}^{8}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
157506	1938	312	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{312}^{6}\ \Phi_{156}^{7}\ \Phi_{104}^{6}\ \Phi_{78}^{7}\ \Phi_{52}^{7}\ \Phi_{39}^{6}\ \Phi_{26}^{7}\ \Phi_{24}^{3}\ \Phi_{13}^{6}\ \Phi_{12}^{4}\ \Phi_{8}^{6}\ \Phi_{6}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
157507	1938	2712	$\frac{5}{113}$	$\frac{1}{8}$	$\frac{18}{113}$	$\frac{7}{24}$	$\Phi_{2712}\ \Phi_{1356}\ \Phi_{678}\ \Phi_{339}\ \Phi_{113}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
157508	1938	840	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{24}$	$\Phi_{840}^{4}\ \Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{168}^{3}\ \Phi_{140}\ \Phi_{105}^{4}\ \Phi_{84}^{3}\ \Phi_{70}\ \Phi_{42}^{3}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}^{3}\ \Phi_{14}$
157509	1938	455	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{59}{455}$	$\frac{132}{455}$	$\Phi_{455}^{4}\ \Phi_{91}^{4}\ \Phi_{65}^{6}\ \Phi_{35}^{4}\ \Phi_{13}^{5}\ \Phi_{7}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
157510	1938	351	$\frac{1}{13}$	$\frac{28}{351}$	$\frac{2}{13}$	$\frac{11}{39}$	$\Phi_{351}^{6}\ \Phi_{117}^{6}\ \Phi_{27}^{6}\ \Phi_{13}^{5}\ \Phi_{9}^{6}\ \Phi_{1}^{6}$
157511	1938	2610	$\frac{1}{58}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{2610}\ \Phi_{1305}\ \Phi_{522}\ \Phi_{290}\ \Phi_{261}\ \Phi_{145}\ \Phi_{90}\ \Phi_{18}\ \Phi_{10}$
157512	1938	3024	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{35}{144}$	$\frac{109}{432}$	$\Phi_{3024}\ \Phi_{1512}\ \Phi_{756}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
157513	1938	780	$\frac{1}{39}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{780}^{3}\ \Phi_{390}^{3}\ \Phi_{260}^{3}\ \Phi_{195}^{3}\ \Phi_{156}\ \Phi_{130}^{3}\ \Phi_{78}\ \Phi_{65}^{3}\ \Phi_{60}^{3}\ \Phi_{52}\ \Phi_{30}^{3}\ \Phi_{26}\ \Phi_{15}^{3}\ \Phi_{12}\ \Phi_{6}$
157514	1938	220	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{4}$	$\Phi_{220}^{9}\ \Phi_{110}^{9}\ \Phi_{55}^{9}\ \Phi_{44}^{6}\ \Phi_{22}^{8}\ \Phi_{20}^{12}\ \Phi_{11}^{7}\ \Phi_{10}^{12}\ \Phi_{5}^{12}\ \Phi_{4}^{8}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
157515	1938	840	$\frac{1}{35}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{840}^{3}\ \Phi_{420}\ \Phi_{280}^{3}\ \Phi_{210}^{2}\ \Phi_{168}^{3}\ \Phi_{140}^{2}\ \Phi_{120}^{3}\ \Phi_{105}^{2}\ \Phi_{84}\ \Phi_{70}^{3}\ \Phi_{60}\ \Phi_{56}^{3}\ \Phi_{42}^{2}\ \Phi_{40}^{3}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{14}^{3}\ \Phi_{10}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{2}$
157516	1938	2496	$\frac{1}{39}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{832}\ \Phi_{416}\ \Phi_{192}\ \Phi_{156}\ \Phi_{96}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}\ \Phi_{12}\ \Phi_{6}$
157517	1938	2800	$\frac{3}{80}$	$\frac{1}{7}$	$\frac{77}{400}$	$\frac{1}{4}$	$\Phi_{2800}\ \Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{28}\ \Phi_{14}$
157518	1938	336	$\frac{13}{336}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{336}^{6}\ \Phi_{168}^{6}\ \Phi_{112}^{5}\ \Phi_{84}^{6}\ \Phi_{56}^{5}\ \Phi_{48}^{6}\ \Phi_{42}^{6}\ \Phi_{28}^{6}\ \Phi_{24}^{6}\ \Phi_{21}^{6}\ \Phi_{16}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
157519	1938	2260	$\frac{5}{113}$	$\frac{3}{20}$	$\frac{18}{113}$	$\frac{1}{4}$	$\Phi_{2260}\ \Phi_{1130}\ \Phi_{565}\ \Phi_{113}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
157520	1938	2688	$\frac{3}{64}$	$\frac{1}{7}$	$\frac{61}{384}$	$\frac{1}{4}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{896}\ \Phi_{672}\ \Phi_{336}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
157521	1938	140	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{140}^{16}\ \Phi_{70}^{16}\ \Phi_{35}^{16}\ \Phi_{28}^{17}\ \Phi_{14}^{17}\ \Phi_{7}^{16}$
157522	1938	2520	$\frac{3}{40}$	$\frac{37}{360}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{168}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
157523	1938	2464	$\frac{29}{352}$	$\frac{3}{32}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{77}\ \Phi_{28}\ \Phi_{14}$
157524	1938	770	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{70}$	$\frac{5}{22}$	$\Phi_{770}^{3}\ \Phi_{385}^{3}\ \Phi_{110}^{3}\ \Phi_{70}^{4}\ \Phi_{55}^{3}\ \Phi_{35}^{4}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
157525	1938	462	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{5}{22}$	$\Phi_{462}^{6}\ \Phi_{231}^{3}\ \Phi_{154}^{4}\ \Phi_{77}^{2}\ \Phi_{66}^{6}\ \Phi_{42}^{6}\ \Phi_{33}^{3}\ \Phi_{22}^{6}\ \Phi_{21}^{6}\ \Phi_{14}^{4}\ \Phi_{11}^{3}\ \Phi_{7}^{4}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
157526	1938	704	$\frac{1}{11}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{5}{22}$	$\Phi_{704}^{3}\ \Phi_{352}^{3}\ \Phi_{176}^{3}\ \Phi_{64}^{4}\ \Phi_{32}^{4}\ \Phi_{22}^{2}\ \Phi_{16}^{4}\ \Phi_{11}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
157527	1938	416	$\frac{1}{13}$	$\frac{11}{104}$	$\frac{2}{13}$	$\frac{93}{416}$	$\Phi_{416}^{6}\ \Phi_{208}^{6}\ \Phi_{32}^{6}\ \Phi_{16}^{6}\ \Phi_{13}^{5}\ \Phi_{1}^{6}$
157528	1938	414	$\frac{1}{18}$	$\frac{3}{23}$	$\frac{4}{23}$	$\frac{5}{23}$	$\Phi_{414}^{5}\ \Phi_{207}^{5}\ \Phi_{138}^{5}\ \Phi_{69}^{5}\ \Phi_{46}^{5}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
157529	1938	364	$\frac{1}{13}$	$\frac{41}{364}$	$\frac{2}{13}$	$\frac{11}{52}$	$\Phi_{364}^{6}\ \Phi_{182}^{6}\ \Phi_{91}^{6}\ \Phi_{28}^{6}\ \Phi_{14}^{6}\ \Phi_{13}^{5}\ \Phi_{7}^{6}\ \Phi_{1}^{6}$
157530	1938	2424	$\frac{5}{101}$	$\frac{16}{101}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{2424}\ \Phi_{1212}\ \Phi_{808}\ \Phi_{404}\ \Phi_{101}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
157531	1938	504	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{504}^{6}\ \Phi_{252}^{6}\ \Phi_{168}^{5}\ \Phi_{126}\ \Phi_{84}^{5}\ \Phi_{63}\ \Phi_{56}^{5}\ \Phi_{42}\ \Phi_{28}^{5}\ \Phi_{21}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157532	1938	2520	$\frac{37}{360}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{45}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{420}\ \Phi_{280}\ \Phi_{252}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{126}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
157533	1938	348	$\frac{25}{348}$	$\frac{4}{29}$	$\frac{1}{6}$	$\frac{5}{29}$	$\Phi_{348}^6\ \Phi_{174}^5\ \Phi_{116}^6\ \Phi_{87}^5\ \Phi_{58}^5\ \Phi_{29}^6\ \Phi_{12}^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^4\ \Phi_2^4\ \Phi_1^6$
157534	1938	390	$\frac{1}{13}$	$\frac{11}{78}$	$\frac{2}{13}$	$\frac{67}{390}$	$\Phi_{390}^6\ \Phi_{195}^6\ \Phi_{130}^6\ \Phi_{65}^6\ \Phi_{30}^6\ \Phi_{15}^6\ \Phi_{13}^5\ \Phi_{10}^6\ \Phi_5^6\ \Phi_1^6$
157535	1938	378	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{7}$	$\frac{55}{378}$	$\Phi_{378}^6\ \Phi_{189}^6\ \Phi_{126}^6\ \Phi_{63}\ \Phi_{54}^6\ \Phi_{42}^6\ \Phi_{27}^6\ \Phi_{21}\ \Phi_{18}^6\ \Phi_{14}^6\ \Phi_6^6\ \Phi_2^6$
157536	1939	552	$\frac{1}{276}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{275}{552}$	$\Phi_{552}^7\ \Phi_{184}^7\ \Phi_{24}^7\ \Phi_{12}\ \Phi_8^7\ \Phi_4\ \Phi_1$
157537	1939	1656	$\frac{1}{276}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{275}{552}$	$\Phi_{1656}^3\ \Phi_{552}\ \Phi_{184}\ \Phi_{72}^3\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
157538	1939	3852	$\frac{13}{1926}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1913}{3852}$	$\Phi_{3852}\ \Phi_{1284}\ \Phi_{428}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
157539	1939	2592	$\frac{5}{648}$	$\frac{1}{6}$	$\frac{653}{2592}$	$\frac{643}{1296}$	$\Phi_{2592}\ \Phi_{864}\ \Phi_{648}\ \Phi_{324}\ \Phi_{288}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{96}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{32}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
157540	1939	3648	$\frac{1}{114}$	$\frac{115}{1824}$	$\frac{1709}{3648}$	$\frac{113}{228}$	$\Phi_{3648}\ \Phi_{1216}\ \Phi_{228}\ \Phi_{192}\ \Phi_{76}\ \Phi_{64}\ \Phi_{12}\ \Phi_4\ \Phi_1$
157541	1939	2736	$\frac{1}{114}$	$\frac{115}{912}$	$\frac{797}{2736}$	$\frac{113}{228}$	$\Phi_{2736}\ \Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{144}\ \Phi_{76}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
157542	1939	2280	$\frac{1}{114}$	$\frac{341}{2280}$	$\frac{115}{456}$	$\frac{113}{228}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}\ \Phi_{120}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
157543	1939	3672	$\frac{1}{102}$	$\frac{103}{1836}$	$\frac{1733}{3672}$	$\frac{101}{204}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{216}\ \Phi_{204}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
157544	1939	2448	$\frac{1}{102}$	$\frac{103}{612}$	$\frac{509}{2448}$	$\frac{101}{204}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{144}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
157545	1939	3840	$\frac{19}{1920}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1901}{3840}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{256}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
157546	1939	3816	$\frac{31}{1908}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1877}{3816}$	$\Phi_{3816}\ \Phi_{1272}\ \Phi_{424}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
157547	1939	544	$\frac{5}{272}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{267}{544}$	$\Phi_{544}^7\ \Phi_{68}\ \Phi_{32}^7\ \Phi_4\ \Phi_1$
157548	1939	544	$\frac{5}{272}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{267}{544}$	$\Phi_{544}^7\ \Phi_{32}^7\ \Phi_{17}^2\ \Phi_1^3$
157549	1939	3800	$\frac{39}{1900}$	$\frac{1}{38}$	$\frac{37}{76}$	$\frac{1861}{3800}$	$\Phi_{3800}\ \Phi_{760}\ \Phi_{200}\ \Phi_{152}\ \Phi_{76}\ \Phi_{40}\ \Phi_8\ \Phi_4\ \Phi_1$
157550	1939	2160	$\frac{5}{216}$	$\frac{221}{2160}$	$\frac{1}{6}$	$\frac{211}{432}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
157551	1939	540	$\frac{7}{270}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{263}{540}$	$\Phi_{540}^7\ \Phi_{180}^7\ \Phi_{108}^7\ \Phi_{60}^7\ \Phi_{54}\ \Phi_{36}^7\ \Phi_{27}\ \Phi_{20}^7\ \Phi_{18}\ \Phi_{12}^7\ \Phi_9\ \Phi_4^7\ \Phi_1$
157552	1939	2280	$\frac{1}{38}$	$\frac{39}{380}$	$\frac{341}{2280}$	$\frac{37}{76}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{152}\ \Phi_{120}\ \Phi_{114}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
157553	1939	408	$\frac{1}{34}$	$\frac{5}{136}$	$\frac{131}{408}$	$\frac{33}{68}$	$\Phi_{408}^7\ \Phi_{204}^7\ \Phi_{102}^7\ \Phi_{68}\ \Phi_{51}^7\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_6^7\ \Phi_4\ \Phi_3^7\ \Phi_1$
157554	1939	2040	$\frac{1}{34}$	$\frac{101}{2040}$	$\frac{35}{136}$	$\frac{33}{68}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{120}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
157555	1939	340	$\frac{1}{34}$	$\frac{5}{68}$	$\frac{63}{340}$	$\frac{33}{68}$	$\Phi_{340}^7\ \Phi_{170}^7\ \Phi_{85}^7\ \Phi_{68}\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_5^7\ \Phi_4\ \Phi_1$
157556	1939	2176	$\frac{1}{34}$	$\frac{237}{2176}$	$\frac{35}{272}$	$\frac{33}{68}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{544}\ \Phi_{128}\ \Phi_{68}\ \Phi_{64}\ \Phi_{32}\ \Phi_4\ \Phi_1$
157557	1939	3744	$\frac{67}{1872}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{1805}{3744}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
157558	1939	3740	$\frac{69}{1870}$	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{1801}{3740}$	$\Phi_{3740}\ \Phi_{748}\ \Phi_{340}\ \Phi_{220}\ \Phi_{85}\ \Phi_{68}\ \Phi_{44}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
157559	1939	2346	$\frac{16}{391}$	$\frac{1}{17}$	$\frac{407}{2346}$	$\frac{375}{782}$	$\Phi_{2346}\ \Phi_{1173}\ \Phi_{391}\ \Phi_{138}\ \Phi_{102}\ \Phi_{69}\ \Phi_{51}\ \Phi_{23}\ \Phi_6\ \Phi_3\ \Phi_1$
157560	1939	532	$\frac{11}{266}$	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{255}{532}$	$\Phi_{532}^7\ \Phi_{76}^7\ \Phi_{38}^2\ \Phi_{28}^7\ \Phi_{19}^2\ \Phi_4^7\ \Phi_2^2\ \Phi_1^3$
157561	1939	3672	$\frac{1}{51}$	$\frac{103}{1836}$	$\frac{50}{153}$	$\frac{1733}{3672}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{216}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
157562	1939	3672	$\frac{5}{108}$	$\frac{103}{1836}$	$\frac{1}{6}$	$\frac{1733}{3672}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{216}\ \Phi_{136}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
157563	1939	3648	$\frac{1}{38}$	$\frac{115}{1824}$	$\frac{37}{152}$	$\frac{1709}{3648}$	$\Phi_{3648}\ \Phi_{1216}\ \Phi_{192}\ \Phi_{152}\ \Phi_{76}\ \Phi_{64}\ \Phi_8\ \Phi_4\ \Phi_1$
157564	1939	288	$\frac{11}{288}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{67}{144}$	$\Phi_{288}^7\ \Phi_{144}^6\ \Phi_{96}^7\ \Phi_{72}^7\ \Phi_{48}^6\ \Phi_{36}^7\ \Phi_{32}^7\ \Phi_{24}^7\ \Phi_{18}^7\ \Phi_{16}^6\ \Phi_{12}^7\ \Phi_9^7\ \Phi_8^7\ \Phi_6^6\ \Phi_4^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157565	1939	2652	$\frac{1}{51}$	$\frac{50}{663}$	$\frac{713}{2652}$	$\frac{613}{1326}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{663}\ \Phi_{221}\ \Phi_{204}\ \Phi_{156}\ \Phi_{68}\ \Phi_{52}\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
157566	1939	3564	$\frac{5}{162}$	$\frac{157}{1782}$	$\frac{1}{6}$	$\frac{1625}{3564}$	$\Phi_{3564}\ \Phi_{1188}\ \Phi_{396}\ \Phi_{324}\ \Phi_{162}\ \Phi_{132}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
157567	1939	3456	$\frac{5}{216}$	$\frac{211}{1728}$	$\frac{1}{6}$	$\frac{1517}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{216}\ \Phi_{128}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
157568	1939	3420	$\frac{1}{114}$	$\frac{229}{1710}$	$\frac{113}{342}$	$\frac{1481}{3420}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{342}\ \Phi_{228}\ \Phi_{180}\ \Phi_{171}\ \Phi_{76}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
157569	1939	3420	$\frac{1}{57}$	$\frac{229}{1710}$	$\frac{56}{285}$	$\frac{1481}{3420}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{180}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{36}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
157570	1939	323	$\frac{8}{323}$	$\frac{45}{323}$	$\frac{46}{323}$	$\frac{139}{323}$	$\Phi_{323}^6\ \Phi_{19}^6\ \Phi_{17}^6\ \Phi_1^7$
157571	1939	342	$\frac{1}{57}$	$\frac{8}{57}$	$\frac{65}{342}$	$\frac{49}{114}$	$\Phi_{342}^7\ \Phi_{171}^7\ \Phi_{57}^6\ \Phi_{19}^6\ \Phi_{18}^7\ \Phi_9^7\ \Phi_3^6\ \Phi_1^7$
157572	1939	2736	$\frac{1}{114}$	$\frac{113}{684}$	$\frac{797}{2736}$	$\frac{571}{1368}$	$\Phi_{2736}\ \Phi_{912}\ \Phi_{684}\ \Phi_{342}\ \Phi_{304}\ \Phi_{228}\ \Phi_{171}\ \Phi_{144}\ \Phi_{76}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
157573	1939	1116	$\frac{2}{279}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{1116}^3\ \Phi_{372}^3\ \Phi_{279}\ \Phi_{124}^3\ \Phi_{93}\ \Phi_{36}^3\ \Phi_{31}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
157574	1939	828	$\frac{1}{138}$	$\frac{1}{6}$	$\frac{137}{414}$	$\frac{5}{12}$	$\Phi_{828}^6\ \Phi_{414}\ \Phi_{207}\ \Phi_{36}^6\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
157575	1939	840	$\frac{3}{280}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^3\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{140}^3\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}^2\ \Phi_{70}^3\ \Phi_{60}^2\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{28}^3\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{14}^3\ \Phi_{12}\ \Phi_{10}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
157576	1939	1104	$\frac{1}{92}$	$\frac{1}{6}$	$\frac{91}{368}$	$\frac{5}{12}$	$\Phi_{1104}^2\ \Phi_{552}^2\ \Phi_{368}^3\ \Phi_{184}^3\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
157577	1939	1380	$\frac{1}{69}$	$\frac{1}{6}$	$\frac{68}{345}$	$\frac{5}{12}$	$\Phi_{1380}^3\ \Phi_{460}^3\ \Phi_{345}\ \Phi_{115}\ \Phi_{60}^3\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
157578	1939	564	$\frac{5}{282}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{564}^6\ \Phi_{282}\ \Phi_{188}^6\ \Phi_{141}\ \Phi_{94}\ \Phi_{47}\ \Phi_{12}\ \Phi_4\ \Phi_1$
157579	1939	1932	$\frac{1}{46}$	$\frac{45}{322}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1932}^2\ \Phi_{644}^2\ \Phi_{322}\ \Phi_{161}\ \Phi_{84}^2\ \Phi_{28}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
157580	1939	2208	$\frac{7}{276}$	$\frac{269}{2208}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{552}\ \Phi_{368}\ \Phi_{184}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
157581	1939	288	$\frac{11}{288}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}^7\ \Phi_{72}^7\ \Phi_{48}^7\ \Phi_{36}^7\ \Phi_{32}^7\ \Phi_{24}^7\ \Phi_{18}^7\ \Phi_{16}^7\ \Phi_{12}\ \Phi_9^7\ \Phi_8^7\ \Phi_4\ \Phi_1$
157582	1939	3588	$\frac{1}{23}$	$\frac{22}{299}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3588}\ \Phi_{1196}\ \Phi_{299}\ \Phi_{156}\ \Phi_{52}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
157583	1939	3264	$\frac{1}{102}$	$\frac{307}{1632}$	$\frac{101}{408}$	$\frac{1325}{3264}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{408}\ \Phi_{204}\ \Phi_{192}\ \Phi_{136}\ \Phi_{68}\ \Phi_{64}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
157584	1939	2040	$\frac{101}{2040}$	$\frac{1}{17}$	$\frac{16}{85}$	$\frac{69}{170}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
157585	1939	2280	$\frac{1}{57}$	$\frac{341}{2280}$	$\frac{56}{285}$	$\frac{229}{570}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{456}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
157586	1939	3240	$\frac{5}{324}$	$\frac{1}{6}$	$\frac{319}{1620}$	$\frac{1301}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{360}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{120}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
157587	1939	1968	$\frac{29}{1968}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{492}\ \Phi_{328}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
157588	1939	456	$\frac{1}{57}$	$\frac{8}{57}$	$\frac{49}{228}$	$\frac{179}{456}$	$\Phi_{456}^7\ \Phi_{152}^7\ \Phi_{57}^6\ \Phi_{24}^7\ \Phi_{19}^6\ \Phi_8^7\ \Phi_3^6\ \Phi_1^7$
157589	1939	3128	$\frac{16}{391}$	$\frac{1}{17}$	$\frac{375}{1564}$	$\frac{1189}{3128}$	$\Phi_{3128}\ \Phi_{391}\ \Phi_{184}\ \Phi_{136}\ \Phi_{23}\ \Phi_8\ \Phi_1$
157590	1939	304	$\frac{1}{38}$	$\frac{27}{304}$	$\frac{37}{152}$	$\frac{115}{304}$	$\Phi_{304}^6\ \Phi_{152}^7\ \Phi_{76}^7\ \Phi_{38}^6\ \Phi_{19}^6\ \Phi_{16}^6\ \Phi_8^7\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
157591	1939	2448	$\frac{1}{102}$	$\frac{509}{2448}$	$\frac{101}{408}$	$\frac{307}{816}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{144}\ \Phi_{136}\ \Phi_{72}\ \Phi_{68}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
157592	1939	3060	$\frac{1}{102}$	$\frac{101}{510}$	$\frac{409}{1530}$	$\frac{1121}{3060}$	$\Phi_{3060}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{510}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{180}\ \Phi_{170}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
157593	1939	2964	$\frac{1}{38}$	$\frac{37}{494}$	$\frac{457}{1482}$	$\frac{1025}{2964}$	$\Phi_{2964}\ \Phi_{988}\ \Phi_{494}\ \Phi_{247}\ \Phi_{228}\ \Phi_{156}\ \Phi_{76}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
157594	1939	306	$\frac{1}{51}$	$\frac{29}{306}$	$\frac{50}{153}$	$\frac{103}{306}$	$\Phi_{306}^6\ \Phi_{153}^7\ \Phi_{102}^6\ \Phi_{51}^6\ \Phi_{34}^6\ \Phi_{18}^6\ \Phi_{17}^6\ \Phi_9^7\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
157595	1939	2916	$\frac{5}{486}$	$\frac{1}{6}$	$\frac{481}{1458}$	$\frac{977}{2916}$	$\Phi_{2916}\ \Phi_{972}\ \Phi_{486}\ \Phi_{324}\ \Phi_{243}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157596	1939	279	$\frac{2}{279}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{279}^7\ \Phi_{93}^7\ \Phi_{31}^7\ \Phi_9^5\ \Phi_3^6\ \Phi_1^7$
157597	1939	414	$\frac{1}{138}$	$\frac{2}{9}$	$\frac{137}{414}$	$\frac{1}{3}$	$\Phi_{414}^4\ \Phi_{207}^4\ \Phi_{138}^6\ \Phi_{69}^6\ \Phi_{46}^6\ \Phi_{23}^6\ \Phi_{18}^4\ \Phi_9^5\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
157598	1939	2520	$\frac{3}{280}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{70}\ \Phi_{63}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
157599	1939	3312	$\frac{1}{92}$	$\frac{2}{9}$	$\frac{91}{368}$	$\frac{1}{3}$	$\Phi_{3312}\ \Phi_{1656}\ \Phi_{368}\ \Phi_{184}\ \Phi_{144}\ \Phi_{72}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
157600	1939	1035	$\frac{1}{69}$	$\frac{68}{345}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1035}^3\ \Phi_{345}\ \Phi_{115}\ \Phi_{45}^3\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
157601	1939	846	$\frac{5}{282}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{846}^3\ \Phi_{423}^3\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}\ \Phi_{47}\ \Phi_9\ \Phi_1$
157602	1939	2898	$\frac{1}{46}$	$\frac{45}{322}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2898}\ \Phi_{1449}\ \Phi_{322}\ \Phi_{161}\ \Phi_{126}\ \Phi_{63}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
157603	1939	288	$\frac{11}{288}$	$\frac{1}{12}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}^7\ \Phi_{72}^7\ \Phi_{48}^4\ \Phi_{36}^7\ \Phi_{32}^7\ \Phi_{24}^7\ \Phi_{18}^4\ \Phi_{16}^7\ \Phi_{12}^6\ \Phi_9^5\ \Phi_8^7\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
157604	1939	2691	$\frac{1}{23}$	$\frac{22}{299}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2691}\ \Phi_{299}\ \Phi_{117}\ \Phi_{13}\ \Phi_9\ \Phi_1$
157605	1939	2754	$\frac{1}{51}$	$\frac{103}{918}$	$\frac{815}{2754}$	$\frac{50}{153}$	$\Phi_{2754}\ \Phi_{1377}\ \Phi_{162}\ \Phi_{153}\ \Phi_{81}\ \Phi_9\ \Phi_1$
157606	1939	2295	$\frac{1}{51}$	$\frac{356}{2295}$	$\frac{103}{459}$	$\frac{50}{153}$	$\Phi_{2295}\ \Phi_{765}\ \Phi_{255}\ \Phi_{153}\ \Phi_{135}\ \Phi_{85}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
157607	1939	2448	$\frac{1}{51}$	$\frac{103}{612}$	$\frac{509}{2448}$	$\frac{50}{153}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{153}\ \Phi_{144}\ \Phi_{136}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
157608	1939	2880	$\frac{19}{960}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{941}{2880}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{576}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
157609	1939	408	$\frac{5}{136}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{131}{408}$	$\Phi_{408}^7\ \Phi_{204}^7\ \Phi_{102}^7\ \Phi_{51}^7\ \Phi_{24}^7\ \Phi_{17}^2\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^7\ \Phi_1^3$
157610	1939	2808	$\frac{5}{72}$	$\frac{67}{936}$	$\frac{1}{6}$	$\frac{869}{2808}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{216}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
157611	1939	2805	$\frac{1}{17}$	$\frac{69}{935}$	$\frac{16}{85}$	$\frac{866}{2805}$	$\Phi_{2805}\ \Phi_{561}\ \Phi_{255}\ \Phi_{165}\ \Phi_{85}\ \Phi_{51}\ \Phi_{33}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1$
157612	1939	289	$\frac{12}{289}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{289}^7\ \Phi_{17}^2\ \Phi_1^3$
157613	1939	2736	$\frac{1}{38}$	$\frac{115}{912}$	$\frac{37}{152}$	$\frac{797}{2736}$	$\Phi_{2736}\ \Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{152}\ \Phi_{144}\ \Phi_{76}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
157614	1939	304	$\frac{3}{38}$	$\frac{27}{304}$	$\frac{5}{38}$	$\frac{11}{38}$	$\Phi_{304}^7\ \Phi_{152}^7\ \Phi_{76}^7\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{16}^7\ \Phi_8^7\ \Phi_4^7\ \Phi_2^2\ \Phi_1^3$
157615	1939	2565	$\frac{1}{57}$	$\frac{56}{285}$	$\frac{626}{2565}$	$\frac{229}{855}$	$\Phi_{2565}\ \Phi_{513}\ \Phi_{285}\ \Phi_{135}\ \Phi_{95}\ \Phi_{27}\ \Phi_{15}\ \Phi_5\ \Phi_1$
157616	1939	2280	$\frac{1}{38}$	$\frac{341}{2280}$	$\frac{37}{152}$	$\frac{115}{456}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
157617	1939	2592	$\frac{5}{216}$	$\frac{1}{6}$	$\frac{211}{864}$	$\frac{653}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{216}\ \Phi_{162}\ \Phi_{108}\ \Phi_{81}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
157618	1939	2432	$\frac{1}{38}$	$\frac{115}{608}$	$\frac{493}{2432}$	$\frac{37}{152}$	$\Phi_{2432}\ \Phi_{1216}\ \Phi_{152}\ \Phi_{128}\ \Phi_{76}\ \Phi_{64}\ \Phi_8\ \Phi_4\ \Phi_1$
157619	1939	288	$\frac{11}{288}$	$\frac{1}{6}$	$\frac{19}{96}$	$\frac{5}{24}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}^6\ \Phi_{72}^7\ \Phi_{48}^6\ \Phi_{36}^7\ \Phi_{32}^6\ \Phi_{24}^7\ \Phi_{18}^7\ \Phi_{16}^6\ \Phi_{12}^7\ \Phi_9^7\ \Phi_8^7\ \Phi_6^6\ \Phi_4^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
157620	1939	2400	$\frac{19}{480}$	$\frac{1}{6}$	$\frac{461}{2400}$	$\frac{5}{24}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
157621	1939	2304	$\frac{19}{384}$	$\frac{365}{2304}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
157622	1939	2040	$\frac{101}{2040}$	$\frac{19}{120}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{51}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
157623	1939	2160	$\frac{19}{240}$	$\frac{221}{2160}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
157624	1939	2112	$\frac{173}{2112}$	$\frac{19}{192}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
157625	1939	340	$\frac{5}{68}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{63}{340}$	$\Phi_{340}^7\ \Phi_{170}^7\ \Phi_{85}^7\ \Phi_{20}^7\ \Phi_{17}^2\ \Phi_{10}^7\ \Phi_5^7\ \Phi_1^3$
157626	1939	2160	$\frac{5}{54}$	$\frac{221}{2160}$	$\frac{1}{6}$	$\frac{49}{270}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
157627	1939	306	$\frac{29}{306}$	$\frac{2}{17}$	$\frac{5}{34}$	$\frac{3}{17}$	$\Phi_{306}^7\ \Phi_{153}^7\ \Phi_{102}^7\ \Phi_{51}^7\ \Phi_{18}^7\ \Phi_{17}^2\ \Phi_9^7\ \Phi_6^7\ \Phi_3^7\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157628	1939	324	$\frac{5}{54}$	$\frac{7}{54}$	$\frac{47}{324}$	$\frac{1}{6}$	$\Phi_{324}^{7}\ \Phi_{162}^{7}\ \Phi_{108}^{7}\ \Phi_{81}^{7}\ \Phi_{54}\ \Phi_{36}^{7}\ \Phi_{27}\ \Phi_{18}\ \Phi_{12}^{7}\ \Phi_{9}\ \Phi_{4}^{7}\ \Phi_{1}$
157629	1940	2904	$\frac{1}{484}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{483}{968}$	$\Phi_{2904}\ \Phi_{968}^{2}\ \Phi_{264}\ \Phi_{88}^{2}\ \Phi_{24}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
157630	1940	3096	$\frac{1}{387}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{193}{387}$	$\Phi_{3096}\ \Phi_{1032}\ \Phi_{387}\ \Phi_{344}\ \Phi_{129}\ \Phi_{72}\ \Phi_{43}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
157631	1940	831	$\frac{1}{277}$	$\frac{139}{831}$	$\frac{346}{831}$	$\frac{138}{277}$	$\Phi_{831}^{2}\ \Phi_{277}^{3}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
157632	1940	966	$\frac{2}{483}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{481}{966}$	$\Phi_{966}^{4}\ \Phi_{322}^{4}\ \Phi_{138}^{4}\ \Phi_{46}^{4}\ \Phi_{42}^{4}\ \Phi_{14}^{4}\ \Phi_{7}\ \Phi_{6}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
157633	1940	4830	$\frac{2}{483}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{481}{966}$	$\Phi_{4830}\ \Phi_{1610}\ \Phi_{690}\ \Phi_{230}\ \Phi_{210}\ \Phi_{70}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
157634	1940	1737	$\frac{1}{193}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{96}{193}$	$\Phi_{1737}\ \Phi_{579}\ \Phi_{193}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
157635	1940	1158	$\frac{1}{193}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{96}{193}$	$\Phi_{1158}^{2}\ \Phi_{579}\ \Phi_{386}^{2}\ \Phi_{193}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
157636	1940	1939	$\frac{11}{1939}$	$\frac{195}{1939}$	$\frac{872}{1939}$	$\frac{964}{1939}$	$\Phi_{1939}\ \Phi_{277}\ \Phi_{7}\ \Phi_{1}^{2}$
157637	1940	3240	$\frac{1}{162}$	$\frac{1}{5}$	$\frac{163}{648}$	$\frac{161}{324}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{810}\ \Phi_{405}\ \Phi_{360}\ \Phi_{270}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
157638	1940	2334	$\frac{3}{389}$	$\frac{1}{6}$	$\frac{98}{389}$	$\frac{193}{389}$	$\Phi_{2334}\ \Phi_{1167}\ \Phi_{778}$
157639	1940	385	$\frac{3}{385}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{191}{385}$	$\Phi_{385}^{5}\ \Phi_{77}^{5}\ \Phi_{55}^{5}\ \Phi_{35}^{5}\ \Phi_{11}^{5}\ \Phi_{7}^{7}\ \Phi_{5}^{5}\ \Phi_{1}^{8}$
157640	1940	1939	$\frac{17}{1939}$	$\frac{290}{1939}$	$\frac{489}{1939}$	$\frac{961}{1939}$	$\Phi_{1939}\ \Phi_{277}\ \Phi_{7}\ \Phi_{1}^{2}$
157641	1940	2913	$\frac{9}{971}$	$\frac{98}{971}$	$\frac{1}{3}$	$\frac{481}{971}$	Φ_{2913}
157642	1940	3648	$\frac{1}{96}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{95}{192}$	$\Phi_{3648}\ \Phi_{1216}\ \Phi_{192}^{2}\ \Phi_{64}^{2}\ \Phi_{19}\ \Phi_{1}^{2}$
157643	1940	2112	$\frac{1}{96}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{95}{192}$	$\Phi_{2112}^{2}\ \Phi_{704}^{2}\ \Phi_{33}$
157644	1940	3648	$\frac{1}{96}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{95}{192}$	$\Phi_{3648}\ \Phi_{1216}\ \Phi_{192}^{2}\ \Phi_{64}^{2}\ \Phi_{19}\ \Phi_{1}^{2}$
157645	1940	960	$\frac{1}{96}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{95}{192}$	$\Phi_{960}^{5}\ \Phi_{320}^{5}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
157646	1940	277	$\frac{3}{277}$	$\frac{28}{277}$	$\frac{83}{277}$	$\frac{137}{277}$	$\Phi_{277}^{7}\ \Phi_{1}^{8}$
157647	1940	1430	$\frac{1}{65}$	$\frac{1}{11}$	$\frac{33}{130}$	$\frac{32}{65}$	$\Phi_{1430}^{2}\ \Phi_{715}\ \Phi_{286}^{2}\ \Phi_{143}\ \Phi_{110}^{2}\ \Phi_{55}\ \Phi_{22}^{2}$
157648	1940	4770	$\frac{8}{477}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{469}{954}$	$\Phi_{4770}\ \Phi_{1590}\ \Phi_{530}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
157649	1940	540	$\frac{1}{54}$	$\frac{11}{108}$	$\frac{1}{5}$	$\frac{53}{108}$	$\Phi_{540}^{4}\ \Phi_{270}^{5}\ \Phi_{180}^{4}\ \Phi_{135}^{5}\ \Phi_{90}^{5}\ \Phi_{60}^{4}\ \Phi_{45}^{5}\ \Phi_{30}^{5}\ \Phi_{20}^{4}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{5}^{4}$
157650	1940	2090	$\frac{2}{95}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{93}{190}$	$\Phi_{2090}^{2}\ \Phi_{418}^{2}\ \Phi_{110}^{2}\ \Phi_{55}\ \Phi_{22}^{2}$
157651	1940	1287	$\frac{1}{39}$	$\frac{1}{11}$	$\frac{20}{117}$	$\frac{19}{39}$	$\Phi_{1287}^{2}\ \Phi_{429}\ \Phi_{143}\ \Phi_{99}^{2}\ \Phi_{33}$
157652	1940	4680	$\frac{17}{468}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{451}{936}$	$\Phi_{4680}\ \Phi_{1560}\ \Phi_{520}\ \Phi_{360}\ \Phi_{120}\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
157653	1940	1881	$\frac{2}{99}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{209}\ \Phi_{171}\ \Phi_{99}^{2}\ \Phi_{33}^{2}\ \Phi_{19}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
157654	1940	2736	$\frac{1}{48}$	$\frac{1}{19}$	$\frac{47}{144}$	$\frac{9}{19}$	$\Phi_{2736}\ \Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{144}^{2}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{19}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
157655	1940	1900	$\frac{3}{100}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{475}\ \Phi_{380}\ \Phi_{190}\ \Phi_{100}^{2}\ \Phi_{95}\ \Phi_{50}^{2}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{19}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
157656	1940	2432	$\frac{1}{32}$	$\frac{1}{19}$	$\frac{31}{128}$	$\frac{9}{19}$	$\Phi_{2432}\ \Phi_{1216}\ \Phi_{128}^{2}\ \Phi_{64}^{2}\ \Phi_{19}\ \Phi_{1}^{2}$
157657	1940	2280	$\frac{1}{24}$	$\frac{1}{19}$	$\frac{23}{120}$	$\frac{9}{19}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{120}^{2}\ \Phi_{95}\ \Phi_{60}^{2}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{19}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
157658	1940	1938	$\frac{5}{102}$	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{1938}\ \Phi_{969}\ \Phi_{646}\ \Phi_{323}\ \Phi_{102}^{2}\ \Phi_{51}^{2}\ \Phi_{34}^{2}\ \Phi_{19}\ \Phi_{17}^{2}\ \Phi_{1}^{2}$
157659	1940	2128	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{9}{19}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{133}\ \Phi_{112}^{2}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{19}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
157660	1940	1976	$\frac{1}{19}$	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{9}{19}$	$\Phi_{1976}\ \Phi_{988}\ \Phi_{494}\ \Phi_{247}\ \Phi_{104}^{2}\ \Phi_{52}^{2}\ \Phi_{26}^{2}\ \Phi_{19}\ \Phi_{13}^{2}\ \Phi_{1}^{2}$
157661	1940	2052	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{9}{19}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{513}\ \Phi_{342}\ \Phi_{171}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{19}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
157662	1940	2520	$\frac{19}{504}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
157663	1940	4590	$\frac{1}{27}$	$\frac{26}{459}$	$\frac{1}{5}$	$\frac{433}{918}$	$\Phi_{4590}\ \Phi_{1530}\ \Phi_{510}\ \Phi_{270}\ \Phi_{170}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157664	1940	546	$\frac{1}{21}$	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{85}{182}$	$\Phi_{546}^{7}\ \Phi_{182}^{6}\ \Phi_{78}^{7}\ \Phi_{42}^{7}\ \Phi_{26}^{6}\ \Phi_{21}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{7}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
157665	1940	2002	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{85}{182}$	$\Phi_{2002}^{2}\ \Phi_{286}^{2}\ \Phi_{154}^{2}\ \Phi_{143}\ \Phi_{22}^{2}$
157666	1940	1155	$\frac{1}{15}$	$\frac{8}{105}$	$\frac{1}{11}$	$\frac{7}{15}$	$\Phi_{1155}^{2}\ \Phi_{385}^{2}\ \Phi_{231}^{2}\ \Phi_{165}\ \Phi_{77}^{2}\ \Phi_{55}\ \Phi_{33}$
157667	1940	336	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{15}{112}$	$\frac{13}{28}$	$\Phi_{336}^{7}\ \Phi_{168}^{7}\ \Phi_{112}^{6}\ \Phi_{56}^{6}\ \Phi_{48}^{7}\ \Phi_{42}^{7}\ \Phi_{24}^{7}\ \Phi_{21}^{6}\ \Phi_{16}^{6}\ \Phi_{14}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{7}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
157668	1940	1144	$\frac{7}{104}$	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{6}{13}$	$\Phi_{1144}^{2}\ \Phi_{572}^{2}\ \Phi_{286}^{2}\ \Phi_{143}\ \Phi_{88}^{2}\ \Phi_{44}^{2}\ \Phi_{22}^{2}$
157669	1940	1980	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{1}{11}$	$\frac{83}{180}$	$\Phi_{1980}^{2}\ \Phi_{660}^{2}\ \Phi_{396}^{2}\ \Phi_{220}^{2}\ \Phi_{165}\ \Phi_{132}^{2}\ \Phi_{55}\ \Phi_{44}^{2}\ \Phi_{33}$
157670	1940	882	$\frac{1}{98}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{882}^{2}\ \Phi_{441}^{2}\ \Phi_{294}^{3}\ \Phi_{147}^{3}\ \Phi_{126}^{2}\ \Phi_{98}^{2}\ \Phi_{63}^{2}\ \Phi_{49}^{2}\ \Phi_{42}^{3}\ \Phi_{21}^{3}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
157671	1940	4320	$\frac{1}{54}$	$\frac{53}{432}$	$\frac{1}{5}$	$\frac{379}{864}$	$\Phi_{4320}\ \Phi_{1440}\ \Phi_{480}\ \Phi_{270}\ \Phi_{160}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
157672	1940	1449	$\frac{4}{483}$	$\frac{1}{7}$	$\frac{479}{1449}$	$\frac{3}{7}$	$\Phi_{1449}^{2}\ \Phi_{207}^{2}\ \Phi_{63}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
157673	1940	98	$\frac{1}{98}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{98}^{20}\ \Phi_{49}^{20}\ \Phi_{14}^{20}\ \Phi_{7}^{17}\ \Phi_{2}^{20}\ \Phi_{1}^{18}$
157674	1940	644	$\frac{2}{161}$	$\frac{1}{7}$	$\frac{159}{644}$	$\frac{3}{7}$	$\Phi_{644}^{4}\ \Phi_{322}^{4}\ \Phi_{92}^{4}\ \Phi_{46}^{4}\ \Phi_{28}^{4}\ \Phi_{14}^{4}\ \Phi_{7}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
157675	1940	987	$\frac{17}{987}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{987}^{2}\ \Phi_{329}^{2}\ \Phi_{141}^{2}\ \Phi_{47}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
157676	1940	1127	$\frac{4}{161}$	$\frac{157}{1127}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1127}^{2}\ \Phi_{49}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
157677	1940	504	$\frac{19}{504}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{504}^{4}\ \Phi_{252}^{4}\ \Phi_{168}^{4}\ \Phi_{126}^{4}\ \Phi_{84}^{4}\ \Phi_{72}^{4}\ \Phi_{63}^{4}\ \Phi_{56}^{4}\ \Phi_{42}^{4}\ \Phi_{36}^{4}\ \Phi_{28}^{4}\ \Phi_{24}^{4}\ \Phi_{18}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{4}\ \Phi_{7}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
157678	1940	168	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{71}{168}$	$\Phi_{168}^{20}\ \Phi_{56}^{20}\ \Phi_{42}^{7}\ \Phi_{24}^{20}\ \Phi_{21}^{6}\ \Phi_{14}^{6}\ \Phi_{8}^{20}\ \Phi_{7}^{5}\ \Phi_{6}^{7}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
157679	1940	2460	$\frac{7}{492}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{820}\ \Phi_{615}\ \Phi_{410}\ \Phi_{205}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
157680	1940	810	$\frac{1}{81}$	$\frac{16}{81}$	$\frac{1}{5}$	$\frac{65}{162}$	$\Phi_{810}^{5}\ \Phi_{405}\ \Phi_{270}^{5}\ \Phi_{135}\ \Phi_{90}^{5}\ \Phi_{45}\ \Phi_{30}^{5}\ \Phi_{15}\ \Phi_{10}^{5}$
157681	1940	277	$\frac{2}{277}$	$\frac{55}{277}$	$\frac{83}{277}$	$\frac{111}{277}$	$\Phi_{277}^{7}\ \Phi_{1}^{8}$
157682	1940	2913	$\frac{6}{971}$	$\frac{193}{971}$	$\frac{1}{3}$	$\frac{389}{971}$	Φ_{2913}
157683	1940	1100	$\frac{3}{100}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1100}^{2}\ \Phi_{550}^{2}\ \Phi_{275}^{2}\ \Phi_{220}^{2}\ \Phi_{110}^{2}\ \Phi_{55}\ \Phi_{44}^{2}\ \Phi_{22}^{2}$
157684	1940	1716	$\frac{1}{39}$	$\frac{1}{11}$	$\frac{19}{78}$	$\frac{59}{156}$	$\Phi_{1716}^{2}\ \Phi_{572}^{2}\ \Phi_{429}\ \Phi_{143}\ \Phi_{132}^{2}\ \Phi_{44}^{2}\ \Phi_{33}$
157685	1940	1560	$\frac{1}{195}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1560}^{2}\ \Phi_{520}^{2}\ \Phi_{312}^{2}\ \Phi_{195}^{2}\ \Phi_{120}^{2}\ \Phi_{104}^{2}\ \Phi_{65}^{2}\ \Phi_{40}^{2}\ \Phi_{39}^{2}\ \Phi_{24}\ \Phi_{15}^{2}\ \Phi_{13}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
157686	1940	1032	$\frac{1}{129}$	$\frac{32}{129}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1032}^{3}\ \Phi_{344}^{3}\ \Phi_{129}^{3}\ \Phi_{43}^{3}\ \Phi_{24}^{3}\ \Phi_{8}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
157687	1940	1960	$\frac{1}{98}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1960}^{2}\ \Phi_{490}\ \Phi_{280}^{2}\ \Phi_{245}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{10}$
157688	1940	792	$\frac{2}{99}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}^{4}\ \Phi_{264}^{4}\ \Phi_{99}^{4}\ \Phi_{88}^{4}\ \Phi_{72}^{3}\ \Phi_{33}^{4}\ \Phi_{24}^{3}\ \Phi_{11}^{4}\ \Phi_{9}^{3}\ \Phi_{8}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
157689	1940	1720	$\frac{1}{43}$	$\frac{21}{215}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1720}^{2}\ \Phi_{344}\ \Phi_{215}^{2}\ \Phi_{43}\ \Phi_{40}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
157690	1940	726	$\frac{1}{242}$	$\frac{241}{726}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{726}^{3}\ \Phi_{363}^{3}\ \Phi_{242}^{2}\ \Phi_{121}^{2}\ \Phi_{66}^{3}\ \Phi_{33}^{3}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
157691	1940	1464	$\frac{3}{488}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1464}\ \Phi_{732}\ \Phi_{488}^{2}\ \Phi_{366}\ \Phi_{244}^{2}\ \Phi_{183}\ \Phi_{122}^{2}\ \Phi_{61}^{2}\ \Phi_{24}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
157692	1940	363	$\frac{1}{121}$	$\frac{24}{121}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{363}^{4}\ \Phi_{121}^{8}\ \Phi_{33}^{4}\ \Phi_{11}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{10}$
157693	1940	294	$\frac{1}{98}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{294}^{7}\ \Phi_{147}^{7}\ \Phi_{98}^{6}\ \Phi_{49}^{6}\ \Phi_{42}^{7}\ \Phi_{21}^{7}\ \Phi_{14}^{6}\ \Phi_{7}^{6}\ \Phi_{6}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
157694	1940	99	$\frac{2}{99}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{99}^{20}\ \Phi_{33}^{19}\ \Phi_{11}^{18}\ \Phi_{9}^{20}\ \Phi_{3}^{20}\ \Phi_{1}^{20}$
157695	1940	528	$\frac{1}{44}$	$\frac{43}{528}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{528}^{4}\ \Phi_{264}^{4}\ \Phi_{176}^{4}\ \Phi_{132}^{3}\ \Phi_{88}^{4}\ \Phi_{66}^{3}\ \Phi_{48}^{4}\ \Phi_{44}^{2}\ \Phi_{33}^{3}\ \Phi_{24}^{4}\ \Phi_{22}^{2}\ \Phi_{16}^{4}\ \Phi_{12}^{3}\ \Phi_{11}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
157696	1940	1518	$\frac{21}{506}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}^{2}\ \Phi_{253}^{2}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}^{2}\ \Phi_{23}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
157697	1940	1584	$\frac{1}{48}$	$\frac{1}{11}$	$\frac{47}{144}$	$\frac{1}{3}$	$\Phi_{1584}^{2}\ \Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{198}^{2}\ \Phi_{99}^{2}\ \Phi_{33}$
157698	1940	2646	$\frac{1}{98}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{2646}\ \Phi_{1323}\ \Phi_{378}\ \Phi_{294}\ \Phi_{189}\ \Phi_{147}\ \Phi_{54}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
157699	1940	3300	$\frac{3}{100}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{825}\ \Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{33}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157700	1940	4224	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{31}{128}$	$\frac{1}{3}$	$\Phi_{4224}\ \Phi_{2112}\ \Phi_{33}$
157701	1940	1881	$\frac{2}{99}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{209}\ \Phi_{171}\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{19}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_1^2$
157702	1940	990	$\frac{2}{99}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{990}^3\ \Phi_{495}^2\ \Phi_{330}^3\ \Phi_{165}^2\ \Phi_{110}^3\ \Phi_{90}^3\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
157703	1940	2760	$\frac{2}{69}$	$\frac{67}{552}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{920}\ \Phi_{690}\ \Phi_{460}\ \Phi_{230}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
157704	1940	2520	$\frac{19}{504}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{120}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
157705	1940	1320	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{23}{120}$	$\frac{1}{3}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{440}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{33}$
157706	1940	1122	$\frac{5}{102}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1122}^2\ \Phi_{561}^2\ \Phi_{374}^2\ \Phi_{187}^2\ \Phi_{33}$
157707	1940	3696	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{15}{112}$	$\frac{1}{3}$	$\Phi_{3696}\ \Phi_{1848}\ \Phi_{924}\ \Phi_{462}\ \Phi_{231}\ \Phi_{33}$
157708	1940	3432	$\frac{7}{104}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{3432}\ \Phi_{1716}\ \Phi_{858}\ \Phi_{429}\ \Phi_{33}$
157709	1940	1188	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{108}$	$\frac{1}{3}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{396}^2\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{33}$
157710	1940	2736	$\frac{1}{48}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{47}{144}$	$\Phi_{2736}\ \Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
157711	1940	720	$\frac{1}{48}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{47}{144}$	$\Phi_{720}^5\ \Phi_{360}^5\ \Phi_{180}^5\ \Phi_{90}^5\ \Phi_{45}^5\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
157712	1940	3135	$\frac{4}{95}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{91}{285}$	$\Phi_{3135}\ \Phi_{627}\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}$
157713	1940	2475	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{31}{225}$	$\frac{14}{45}$	$\Phi_{2475}\ \Phi_{825}\ \Phi_{275}\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}$
157714	1940	126	$\frac{1}{21}$	$\frac{1}{14}$	$\frac{29}{126}$	$\frac{13}{42}$	$\Phi_{126}^{20}\ \Phi_{63}^{20}\ \Phi_{42}^7\ \Phi_{21}^6\ \Phi_{18}^{20}\ \Phi_{14}^6\ \Phi_9^{20}\ \Phi_7^5\ \Phi_6^7\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
157715	1940	3510	$\frac{1}{18}$	$\frac{17}{234}$	$\frac{1}{5}$	$\frac{217}{702}$	$\Phi_{3510}\ \Phi_{1755}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
157716	1940	3003	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{12}{91}$	$\frac{79}{273}$	$\Phi_{3003}\ \Phi_{429}\ \Phi_{231}\ \Phi_{143}\ \Phi_{33}$
157717	1940	231	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{37}{231}$	$\frac{2}{7}$	$\Phi_{231}^{10}\ \Phi_{77}^5\ \Phi_{33}^{10}\ \Phi_{21}^{10}\ \Phi_{11}^5\ \Phi_7^7\ \Phi_3^{10}\ \Phi_1^8$
157718	1940	105	$\frac{8}{105}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{105}^{20}\ \Phi_{35}^{15}\ \Phi_{21}^{20}\ \Phi_{15}^{20}\ \Phi_7^{17}\ \Phi_5^{15}\ \Phi_3^{20}\ \Phi_1^{18}$
157719	1940	1485	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{7}{45}$	$\frac{38}{135}$	$\Phi_{1485}^2\ \Phi_{297}^2\ \Phi_{165}\ \Phi_{55}\ \Phi_{33}$
157720	1940	554	$\frac{9}{277}$	$\frac{69}{554}$	$\frac{67}{277}$	$\frac{70}{277}$	$\Phi_{554}^4\ \Phi_{277}^3\ \Phi_2^4\ \Phi_1^4$
157721	1940	3240	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{53}{216}$	$\frac{163}{648}$	$\Phi_{3240}\ \Phi_{1620}\ \Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
157722	1940	536	$\frac{3}{67}$	$\frac{51}{536}$	$\frac{16}{67}$	$\frac{1}{4}$	$\Phi_{536}^4\ \Phi_{268}^3\ \Phi_{134}^3\ \Phi_{67}^4\ \Phi_8^4\ \Phi_4^2\ \Phi_2^2\ \Phi_1^4$
157723	1940	1900	$\frac{3}{100}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{1900}\ \Phi_{950}\ \Phi_{475}\ \Phi_{380}\ \Phi_{190}\ \Phi_{100}^2\ \Phi_{95}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
157724	1940	300	$\frac{3}{100}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{300}^8\ \Phi_{150}^8\ \Phi_{100}^4\ \Phi_{75}^8\ \Phi_{60}^6\ \Phi_{50}^4\ \Phi_{30}^7\ \Phi_{25}^4\ \Phi_{20}^3\ \Phi_{15}^7\ \Phi_{12}^8\ \Phi_{10}^4\ \Phi_6^8\ \Phi_5^3\ \Phi_4^4\ \Phi_3^8\ \Phi_2^4\ \Phi_1^4$
157725	1940	2432	$\frac{1}{32}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{31}{128}$	$\Phi_{2432}\ \Phi_{1216}\ \Phi_{128}^2\ \Phi_{64}^2\ \Phi_{19}\ \Phi_1^2$
157726	1940	1920	$\frac{1}{32}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{31}{128}$	$\Phi_{1920}^2\ \Phi_{960}^2\ \Phi_{640}\ \Phi_{320}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
157727	1940	1320	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{23}{120}$	$\frac{7}{30}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{440}^2\ \Phi_{264}^2\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{33}$
157728	1940	2280	$\frac{1}{24}$	$\frac{3}{19}$	$\frac{23}{120}$	$\frac{4}{19}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{120}^2\ \Phi_{95}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
157729	1940	1938	$\frac{5}{102}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\Phi_{1938}\ \Phi_{969}\ \Phi_{646}\ \Phi_{323}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{19}\ \Phi_{17}^2\ \Phi_1^2$
157730	1940	2128	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{133}\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{19}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
157731	1940	1976	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1976}\ \Phi_{988}\ \Phi_{494}\ \Phi_{247}\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{26}^2\ \Phi_{19}\ \Phi_{13}^2\ \Phi_1^2$
157732	1940	2052	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{513}\ \Phi_{342}\ \Phi_{171}\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
157733	1940	2520	$\frac{19}{504}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
157734	1940	120	$\frac{1}{24}$	$\frac{1}{6}$	$\frac{23}{120}$	$\frac{1}{5}$	$\Phi_{120}^{15}\ \Phi_{60}^{15}\ \Phi_{40}^{15}\ \Phi_{30}^{16}\ \Phi_{24}^{20}\ \Phi_{20}^{15}\ \Phi_{15}^{16}\ \Phi_{12}^{20}\ \Phi_{10}^{16}\ \Phi_8^{20}\ \Phi_6^{20}\ \Phi_5^{15}\ \Phi_4^{20}\ \Phi_3^{20}\ \Phi_2^{20}\ \Phi_1^{20}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157735	1940	540	$\frac{2}{27}$	$\frac{11}{108}$	$\frac{5}{27}$	$\frac{1}{5}$	$\Phi_{540}^5\ \Phi_{270}^5\ \Phi_{180}^5\ \Phi_{135}^3\ \Phi_{90}^5\ \Phi_{60}^5\ \Phi_{45}^3\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{15}^3\ \Phi_{10}^5\ \Phi_5^2$
157736	1940	510	$\frac{5}{102}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{510}^5\ \Phi_{255}^5\ \Phi_{170}^5\ \Phi_{85}^5\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
157737	1940	2880	$\frac{5}{96}$	$\frac{91}{576}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{960}\ \Phi_{720}\ \Phi_{360}\ \Phi_{320}\ \Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
157738	1940	1680	$\frac{1}{16}$	$\frac{15}{112}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1680}^2\ \Phi_{840}^2\ \Phi_{560}\ \Phi_{420}^2\ \Phi_{280}\ \Phi_{210}^2\ \Phi_{140}\ \Phi_{105}^2\ \Phi_{70}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
157739	1940	1560	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1560}^2\ \Phi_{780}^2\ \Phi_{520}\ \Phi_{390}^2\ \Phi_{260}\ \Phi_{195}^2\ \Phi_{130}\ \Phi_{65}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
157740	1940	2640	$\frac{43}{528}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{880}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{55}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
157741	1940	540	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{540}^5\ \Phi_{270}^5\ \Phi_{180}^5\ \Phi_{135}^5\ \Phi_{90}^5\ \Phi_{45}^5\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
157742	1941	3104	$\frac{1}{388}$	$\frac{389}{1552}$	$\frac{1163}{3104}$	$\frac{387}{776}$	$\Phi_{3104}\ \Phi_{776}\ \Phi_{32}\ \Phi_8\ \Phi_1$
157743	1941	3872	$\frac{5}{1936}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1931}{3872}$	$\Phi_{3872}\ \Phi_{352}\ \Phi_{32}\ \Phi_8\ \Phi_1$
157744	1941	2580	$\frac{2}{645}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{643}{1290}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{645}\ \Phi_{516}\ \Phi_{215}\ \Phi_{172}\ \Phi_{129}\ \Phi_{60}\ \Phi_{43}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
157745	1941	864	$\frac{1}{216}$	$\frac{1}{4}$	$\frac{217}{864}$	$\frac{215}{432}$	$\Phi_{864}^3\ \Phi_{288}^3\ \Phi_{216}^3\ \Phi_{108}^3\ \Phi_{96}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{32}^3\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
157746	1941	1288	$\frac{3}{644}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{641}{1288}$	$\Phi_{1288}^3\ \Phi_{184}^3\ \Phi_{56}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
157747	1941	1284	$\frac{5}{642}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{637}{1284}$	$\Phi_{1284}\ \Phi_{642}^2\ \Phi_{428}\ \Phi_{321}^2\ \Phi_{214}^2\ \Phi_{107}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
157748	1941	1280	$\frac{7}{640}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{633}{1280}$	$\Phi_{1280}^3\ \Phi_{256}^3\ \Phi_{40}\ \Phi_8\ \Phi_1$
157749	1941	1280	$\frac{7}{640}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{633}{1280}$	$\Phi_{1280}^3\ \Phi_{256}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
157750	1941	1280	$\frac{7}{640}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{633}{1280}$	$\Phi_{1280}^3\ \Phi_{256}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
157751	1941	2556	$\frac{8}{639}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{631}{1278}$	$\Phi_{2556}\ \Phi_{852}\ \Phi_{639}\ \Phi_{284}\ \Phi_{213}\ \Phi_{71}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
157752	1941	2600	$\frac{9}{650}$	$\frac{1}{10}$	$\frac{659}{2600}$	$\frac{641}{1300}$	$\Phi_{2600}\ \Phi_{650}\ \Phi_{520}\ \Phi_{325}\ \Phi_{200}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{50}\ \Phi_{40}\ \Phi_{26}\ \Phi_{25}\ \Phi_{13}\ \Phi_8\ \Phi_1$
157753	1941	720	$\frac{1}{72}$	$\frac{73}{720}$	$\frac{1}{4}$	$\frac{71}{144}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
157754	1941	1272	$\frac{11}{636}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{625}{1272}$	$\Phi_{1272}^3\ \Phi_{424}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
157755	1941	3800	$\frac{41}{1900}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1859}{3800}$	$\Phi_{3800}\ \Phi_{760}\ \Phi_{200}\ \Phi_{152}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_8\ \Phi_1$
157756	1941	780	$\frac{3}{130}$	$\frac{1}{10}$	$\frac{133}{780}$	$\frac{127}{260}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{195}^3\ \Phi_{156}^3\ \Phi_{130}^3\ \Phi_{78}^3\ \Phi_{65}^3\ \Phi_{60}^3\ \Phi_{39}^3\ \Phi_{30}^3\ \Phi_{26}^3\ \Phi_{15}^3\ \Phi_{13}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
157757	1941	1260	$\frac{17}{630}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{613}{1260}$	$\Phi_{1260}\ \Phi_{630}^2\ \Phi_{420}\ \Phi_{315}^2\ \Phi_{252}\ \Phi_{210}^2\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_7^2\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
157758	1941	1248	$\frac{23}{624}$	$\frac{1}{24}$	$\frac{1}{4}$	$\frac{601}{1248}$	$\Phi_{1248}^3\ \Phi_{416}^3\ \Phi_{96}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
157759	1941	672	$\frac{25}{672}$	$\frac{1}{24}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{42}^3\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
157760	1941	2484	$\frac{1}{27}$	$\frac{26}{621}$	$\frac{1}{4}$	$\frac{595}{1242}$	$\Phi_{2484}\ \Phi_{828}\ \Phi_{621}\ \Phi_{276}\ \Phi_{207}\ \Phi_{108}^2\ \Phi_{92}\ \Phi_{69}\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{23}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
157761	1941	960	$\frac{7}{320}$	$\frac{1}{20}$	$\frac{313}{960}$	$\frac{19}{40}$	$\Phi_{960}^3\ \Phi_{480}^3\ \Phi_{240}^3\ \Phi_{192}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{40}\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_8\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
157762	1941	2000	$\frac{59}{2000}$	$\frac{1}{20}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_8\ \Phi_1$
157763	1941	2560	$\frac{21}{640}$	$\frac{1}{20}$	$\frac{619}{2560}$	$\frac{19}{40}$	$\Phi_{2560}\ \Phi_{1280}\ \Phi_{512}\ \Phi_{256}\ \Phi_{40}\ \Phi_8\ \Phi_1$
157764	1941	800	$\frac{7}{160}$	$\frac{1}{20}$	$\frac{153}{800}$	$\frac{19}{40}$	$\Phi_{800}^3\ \Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{40}\ \Phi_{25}^3\ \Phi_8\ \Phi_1$
157765	1941	680	$\frac{33}{680}$	$\frac{1}{20}$	$\frac{7}{40}$	$\frac{19}{40}$	$\Phi_{680}^3\ \Phi_{340}^3\ \Phi_{170}^3\ \Phi_{136}^3\ \Phi_{85}^3\ \Phi_{68}^3\ \Phi_{40}\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_8\ \Phi_1$
157766	1941	2240	$\frac{1}{20}$	$\frac{21}{320}$	$\frac{299}{2240}$	$\frac{19}{40}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157767	1941	2080	$\frac{1}{20}$	$\frac{139}{2080}$	$\frac{21}{160}$	$\frac{19}{40}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
157768	1941	720	$\frac{1}{20}$	$\frac{7}{80}$	$\frac{73}{720}$	$\frac{19}{40}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{45}^3\ \Phi_{40}\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{9}^3\ \Phi_{8}\ \Phi_{6}^3\ \Phi_{3}^3\ \Phi_{1}$
157769	1941	1224	$\frac{1}{36}$	$\frac{35}{612}$	$\frac{1}{4}$	$\frac{577}{1224}$	$\Phi_{1224}^3\ \Phi_{408}^3\ \Phi_{136}^3\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{9}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
157770	1941	700	$\frac{3}{50}$	$\frac{53}{700}$	$\frac{1}{10}$	$\frac{47}{100}$	$\Phi_{700}^3\ \Phi_{350}^3\ \Phi_{175}^3\ \Phi_{140}^3\ \Phi_{70}^3\ \Phi_{50}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{25}^3\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_{7}^3\ \Phi_{5}^2\ \Phi_{2}^2\ \Phi_{1}^3$
157771	1941	3640	$\frac{1}{20}$	$\frac{121}{1820}$	$\frac{19}{140}$	$\frac{1699}{3640}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{280}\ \Phi_{140}\ \Phi_{104}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
157772	1941	3640	$\frac{121}{1820}$	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1699}{3640}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{280}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{56}\ \Phi_{40}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
157773	1941	2240	$\frac{1}{20}$	$\frac{19}{280}$	$\frac{299}{2240}$	$\frac{261}{560}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{64}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
157774	1941	2080	$\frac{139}{2080}$	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{121}{260}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{208}\ \Phi_{160}\ \Phi_{130}\ \Phi_{104}\ \Phi_{80}\ \Phi_{65}\ \Phi_{40}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
157775	1941	1200	$\frac{3}{50}$	$\frac{47}{600}$	$\frac{1}{10}$	$\frac{553}{1200}$	$\Phi_{1200}^3\ \Phi_{400}^3\ \Phi_{240}^3\ \Phi_{80}^3\ \Phi_{50}^3\ \Phi_{48}^3\ \Phi_{25}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{2}^2\ \Phi_{1}^3$
157776	1941	1188	$\frac{1}{54}$	$\frac{53}{594}$	$\frac{1}{4}$	$\frac{541}{1188}$	$\Phi_{1188}\ \Phi_{594}^2\ \Phi_{396}\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{132}\ \Phi_{108}^3\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{54}^3\ \Phi_{44}\ \Phi_{36}^3\ \Phi_{33}^2\ \Phi_{27}^3\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_{9}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
157777	1941	1164	$\frac{1}{97}$	$\frac{65}{582}$	$\frac{32}{97}$	$\frac{517}{1164}$	$\Phi_{1164}^3\ \Phi_{388}^3\ \Phi_{97}^2\ \Phi_{12}^3\ \Phi_{4}^3\ \Phi_{1}^3$
157778	1941	1152	$\frac{1}{72}$	$\frac{71}{576}$	$\frac{1}{4}$	$\frac{505}{1152}$	$\Phi_{1152}^3\ \Phi_{384}^3\ \Phi_{128}^3\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{9}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
157779	1941	656	$\frac{9}{656}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{656}^3\ \Phi_{328}^3\ \Phi_{164}^3\ \Phi_{82}^3\ \Phi_{41}^3\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
157780	1941	2268	$\frac{1}{81}$	$\frac{80}{567}$	$\frac{1}{4}$	$\frac{487}{1134}$	$\Phi_{2268}\ \Phi_{756}\ \Phi_{567}\ \Phi_{324}^2\ \Phi_{252}\ \Phi_{189}\ \Phi_{162}\ \Phi_{108}^2\ \Phi_{84}\ \Phi_{81}\ \Phi_{63}\ \Phi_{54}\ \Phi_{36}^2\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
157781	1941	2716	$\frac{1}{97}$	$\frac{96}{679}$	$\frac{775}{2716}$	$\frac{583}{1358}$	$\Phi_{2716}\ \Phi_{679}\ \Phi_{388}\ \Phi_{28}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
157782	1941	1120	$\frac{1}{20}$	$\frac{19}{280}$	$\frac{87}{560}$	$\frac{473}{1120}$	$\Phi_{1120}^3\ \Phi_{280}\ \Phi_{224}^3\ \Phi_{160}^3\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}^3\ \Phi_{28}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
157783	1941	2000	$\frac{59}{2000}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
157784	1941	1080	$\frac{1}{108}$	$\frac{107}{540}$	$\frac{1}{4}$	$\frac{433}{1080}$	$\Phi_{1080}^3\ \Phi_{360}^3\ \Phi_{216}^3\ \Phi_{120}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{40}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{9}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
157785	1941	1040	$\frac{3}{130}$	$\frac{1}{10}$	$\frac{127}{520}$	$\frac{393}{1040}$	$\Phi_{1040}^3\ \Phi_{208}^3\ \Phi_{130}^3\ \Phi_{80}^3\ \Phi_{65}^3\ \Phi_{26}^3\ \Phi_{16}^3\ \Phi_{13}^3\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{2}^2\ \Phi_{1}^3$
157786	1941	968	$\frac{5}{968}$	$\frac{1}{4}$	$\frac{321}{968}$	$\frac{3}{8}$	$\Phi_{968}^2\ \Phi_{484}^2\ \Phi_{242}^2\ \Phi_{121}^2\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
157787	1941	1952	$\frac{11}{1952}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1952}\ \Phi_{976}\ \Phi_{488}\ \Phi_{244}\ \Phi_{122}\ \Phi_{61}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
157788	1941	704	$\frac{5}{176}$	$\frac{57}{704}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{704}^3\ \Phi_{352}^3\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{64}^3\ \Phi_{44}^2\ \Phi_{32}^3\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
157789	1941	2024	$\frac{83}{2024}$	$\frac{5}{88}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{253}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}\ \Phi_{23}\ \Phi_{8}\ \Phi_{1}$
157790	1941	660	$\frac{13}{660}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{110}^3\ \Phi_{66}^3\ \Phi_{60}^3\ \Phi_{55}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{22}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
157791	1941	776	$\frac{1}{97}$	$\frac{129}{776}$	$\frac{32}{97}$	$\frac{65}{194}$	$\Phi_{776}^3\ \Phi_{388}^3\ \Phi_{97}^2\ \Phi_{8}^3\ \Phi_{4}^3\ \Phi_{1}^3$
157792	1941	972	$\frac{1}{162}$	$\frac{1}{4}$	$\frac{161}{486}$	$\frac{325}{972}$	$\Phi_{972}\ \Phi_{486}^2\ \Phi_{324}^3\ \Phi_{243}^2\ \Phi_{162}^3\ \Phi_{108}^3\ \Phi_{81}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{9}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
157793	1941	1548	$\frac{2}{129}$	$\frac{127}{774}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1548}^2\ \Phi_{774}\ \Phi_{516}\ \Phi_{387}\ \Phi_{172}\ \Phi_{129}\ \Phi_{43}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
157794	1941	660	$\frac{13}{660}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{110}^3\ \Phi_{66}^3\ \Phi_{60}^2\ \Phi_{55}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{30}^2\ \Phi_{22}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_{6}^3\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
157795	1941	873	$\frac{1}{97}$	$\frac{65}{291}$	$\frac{226}{873}$	$\frac{32}{97}$	$\Phi_{873}^3\ \Phi_{97}^2\ \Phi_{9}^3\ \Phi_{1}^3$
157796	1941	960	$\frac{7}{320}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{313}{960}$	$\Phi_{960}^3\ \Phi_{480}^3\ \Phi_{240}^3\ \Phi_{192}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157797	1941	960	$\frac{7}{320}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{313}{960}$	$\Phi_{960}^3\ \Phi_{480}^3\ \Phi_{240}^3\ \Phi_{192}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
157798	1941	950	$\frac{41}{950}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{303}{950}$	$\Phi_{950}^2\ \Phi_{475}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{50}^3\ \Phi_{38}^2\ \Phi_{25}^3\ \Phi_{19}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
157799	1941	750	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{103}{750}$	$\frac{47}{150}$	$\Phi_{750}^3\ \Phi_{375}^3\ \Phi_{250}^3\ \Phi_{125}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
157800	1941	840	$\frac{1}{20}$	$\frac{19}{280}$	$\frac{193}{840}$	$\frac{87}{280}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{280}\ \Phi_{210}^3\ \Phi_{168}^3\ \Phi_{140}\ \Phi_{120}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}\ \Phi_{60}^3\ \Phi_{56}\ \Phi_{42}^3\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}^3\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{14}\ \Phi_{12}^3\ \Phi_8\ \Phi_7\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
157801	1941	936	$\frac{1}{24}$	$\frac{23}{312}$	$\frac{1}{4}$	$\frac{289}{936}$	$\Phi_{936}^3\ \Phi_{468}^3\ \Phi_{234}^3\ \Phi_{117}^3\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
157802	1941	800	$\frac{7}{160}$	$\frac{1}{10}$	$\frac{153}{800}$	$\frac{3}{10}$	$\Phi_{800}^3\ \Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
157803	1941	680	$\frac{33}{680}$	$\frac{1}{10}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{680}^3\ \Phi_{340}^3\ \Phi_{170}^3\ \Phi_{136}^3\ \Phi_{85}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
157804	1941	720	$\frac{7}{80}$	$\frac{1}{10}$	$\frac{73}{720}$	$\frac{3}{10}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_6^3\ \Phi_5^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
157805	1941	910	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{121}{910}$	$\frac{263}{910}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{182}^2\ \Phi_{130}^3\ \Phi_{91}^2\ \Phi_{70}^2\ \Phi_{65}^3\ \Phi_{35}^2\ \Phi_{26}^3\ \Phi_{14}^2\ \Phi_{13}^3\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
157806	1941	900	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{47}{300}$	$\frac{253}{900}$	$\Phi_{900}^3\ \Phi_{450}^3\ \Phi_{225}^3\ \Phi_{180}^3\ \Phi_{90}^3\ \Phi_{50}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{25}^3\ \Phi_{18}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
157807	1941	864	$\frac{1}{72}$	$\frac{71}{288}$	$\frac{1}{4}$	$\frac{217}{864}$	$\Phi_{864}^3\ \Phi_{432}^3\ \Phi_{216}^3\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
157808	1941	736	$\frac{3}{92}$	$\frac{89}{736}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{736}^3\ \Phi_{368}^3\ \Phi_{184}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
157809	1941	672	$\frac{25}{672}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
157810	1941	672	$\frac{25}{672}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
157811	1941	800	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{153}{800}$	$\frac{1}{4}$	$\Phi_{800}^3\ \Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
157812	1941	720	$\frac{1}{18}$	$\frac{73}{720}$	$\frac{17}{90}$	$\frac{1}{4}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}\ \Phi_{144}^3\ \Phi_{120}^3\ \Phi_{90}^2\ \Phi_{80}^3\ \Phi_{72}^3\ \Phi_{60}\ \Phi_{48}^3\ \Phi_{45}^2\ \Phi_{40}^3\ \Phi_{36}^3\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_5^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
157813	1941	680	$\frac{33}{680}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{680}^3\ \Phi_{340}^3\ \Phi_{170}^3\ \Phi_{136}^3\ \Phi_{85}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
157814	1941	768	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{121}{768}$	$\frac{1}{4}$	$\Phi_{768}^3\ \Phi_{384}^3\ \Phi_{256}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
157815	1941	756	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{109}{756}$	$\frac{1}{4}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{252}\ \Phi_{189}^3\ \Phi_{126}^2\ \Phi_{108}^3\ \Phi_{84}\ \Phi_{63}^2\ \Phi_{54}^3\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{27}^3\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
157816	1941	704	$\frac{57}{704}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{704}^3\ \Phi_{352}^3\ \Phi_{176}^3\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
157817	1941	720	$\frac{7}{80}$	$\frac{73}{720}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
157818	1941	800	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{153}{800}$	$\frac{47}{200}$	$\Phi_{800}^3\ \Phi_{400}^3\ \Phi_{160}^3\ \Phi_{80}^3\ \Phi_{50}^3\ \Phi_{32}^3\ \Phi_{25}^3\ \Phi_{16}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
157819	1942	1938	$\frac{2}{969}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{967}{1938}$	$\Phi_{1938}^2\ \Phi_{646}^2\ \Phi_{114}^2\ \Phi_{102}^2\ \Phi_{38}^2\ \Phi_{34}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157820	1942	1296	$\frac{1}{324}$	$\frac{325}{1296}$	$\frac{1}{3}$	$\frac{323}{648}$	$\Phi_{1296}^2\ \Phi_{432}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{144}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157821	1942	5808	$\frac{3}{968}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{965}{1936}$	$\Phi_{5808}\ \Phi_{528}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
157822	1942	1935	$\frac{7}{1935}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{964}{1935}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{387}\ \Phi_{215}\ \Phi_{129}\ \Phi_{45}\ \Phi_{43}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
157823	1942	1932	$\frac{5}{966}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{961}{1932}$	$\Phi_{1932}^2\ \Phi_{644}^2\ \Phi_{276}^2\ \Phi_{92}^2\ \Phi_{84}^2\ \Phi_{28}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157824	1942	1926	$\frac{8}{963}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{955}{1926}$	$\Phi_{1926}^2\ \Phi_{642}^2\ \Phi_{214}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157825	1942	1080	$\frac{1}{108}$	$\frac{109}{1080}$	$\frac{1}{3}$	$\frac{107}{216}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157826	1942	1920	$\frac{11}{960}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{949}{1920}$	$\Phi_{1920}^2\ \Phi_{640}^2\ \Phi_{384}^2\ \Phi_{128}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157827	1942	1917	$\frac{25}{1917}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{946}{1917}$	$\Phi_{1917}\ \Phi_{639}\ \Phi_{213}\ \Phi_{71}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
157828	1942	1908	$\frac{17}{954}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{937}{1908}$	$\Phi_{1908}^2\ \Phi_{636}^2\ \Phi_{212}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157829	1942	1890	$\frac{26}{945}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{919}{1890}$	$\Phi_{1890}^2\ \Phi_{630}^2\ \Phi_{378}^2\ \Phi_{270}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157830	1942	1008	$\frac{1}{36}$	$\frac{37}{1008}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157831	1942	1872	$\frac{1}{36}$	$\frac{35}{936}$	$\frac{1}{3}$	$\frac{901}{1872}$	$\Phi_{1872}^2\ \Phi_{624}^2\ \Phi_{208}^2\ \Phi_{144}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157832	1942	1863	$\frac{2}{81}$	$\frac{79}{1863}$	$\frac{1}{3}$	$\frac{892}{1863}$	$\Phi_{1863}\ \Phi_{621}\ \Phi_{207}\ \Phi_{81}^2\ \Phi_{69}\ \Phi_{27}^2\ \Phi_{23}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
157833	1942	1836	$\frac{1}{54}$	$\frac{53}{918}$	$\frac{1}{3}$	$\frac{865}{1836}$	$\Phi_{1836}^2\ \Phi_{612}^2\ \Phi_{204}^2\ \Phi_{108}^2\ \Phi_{68}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157834	1942	984	$\frac{13}{984}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{984}^2\ \Phi_{492}^2\ \Phi_{328}^2\ \Phi_{246}^2\ \Phi_{164}^2\ \Phi_{123}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157835	1942	1782	$\frac{1}{81}$	$\frac{80}{891}$	$\frac{1}{3}$	$\frac{811}{1782}$	$\Phi_{1782}^2\ \Phi_{594}^2\ \Phi_{198}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157836	1942	1728	$\frac{1}{108}$	$\frac{107}{864}$	$\frac{1}{3}$	$\frac{757}{1728}$	$\Phi_{1728}^2\ \Phi_{576}^2\ \Phi_{192}^2\ \Phi_{108}^2\ \Phi_{64}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157837	1942	1701	$\frac{2}{243}$	$\frac{241}{1701}$	$\frac{1}{3}$	$\frac{730}{1701}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{243}^2\ \Phi_{189}\ \Phi_{81}^2\ \Phi_{63}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
157838	1942	1620	$\frac{1}{162}$	$\frac{161}{810}$	$\frac{1}{3}$	$\frac{649}{1620}$	$\Phi_{1620}^2\ \Phi_{540}^2\ \Phi_{324}^2\ \Phi_{180}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157839	1942	2928	$\frac{5}{976}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2928}\ \Phi_{1464}\ \Phi_{732}\ \Phi_{366}\ \Phi_{183}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
157840	1942	1458	$\frac{1}{243}$	$\frac{242}{729}$	$\frac{1}{3}$	$\frac{487}{1458}$	$\Phi_{1458}^2\ \Phi_{486}^2\ \Phi_{243}^2\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157841	1942	1026	$\frac{2}{57}$	$\frac{55}{1026}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1026}^2\ \Phi_{513}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{54}^2\ \Phi_{38}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157842	1942	1020	$\frac{2}{51}$	$\frac{49}{1020}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{204}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{60}^2\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157843	1942	1452	$\frac{3}{484}$	$\frac{1}{4}$	$\frac{481}{1452}$	$\frac{1}{3}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{484}^2\ \Phi_{363}\ \Phi_{242}^2\ \Phi_{132}\ \Phi_{121}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157844	1942	1440	$\frac{11}{480}$	$\frac{1}{12}$	$\frac{469}{1440}$	$\frac{1}{3}$	$\Phi_{1440}^2\ \Phi_{720}^2\ \Phi_{360}^2\ \Phi_{288}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157845	1942	1404	$\frac{1}{36}$	$\frac{35}{468}$	$\frac{433}{1404}$	$\frac{1}{3}$	$\Phi_{1404}^2\ \Phi_{702}^2\ \Phi_{351}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157846	1942	1296	$\frac{1}{108}$	$\frac{107}{432}$	$\frac{325}{1296}$	$\frac{1}{3}$	$\Phi_{1296}^2\ \Phi_{648}^2\ \Phi_{324}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157847	1942	1056	$\frac{3}{88}$	$\frac{85}{1056}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{96}^2\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157848	1942	3036	$\frac{41}{1012}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3036}\ \Phi_{1518}\ \Phi_{759}\ \Phi_{276}\ \Phi_{138}\ \Phi_{69}\ \Phi_{12}\ \Phi_6$
157849	1942	1008	$\frac{37}{1008}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157850	1942	1161	$\frac{7}{387}$	$\frac{190}{1161}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1161}^2\ \Phi_{387}\ \Phi_{129}\ \Phi_{43}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
157851	1942	990	$\frac{19}{990}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157852	1942	1080	$\frac{1}{27}$	$\frac{109}{1080}$	$\frac{26}{135}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157853	1942	1200	$\frac{11}{240}$	$\frac{1}{12}$	$\frac{229}{1200}$	$\frac{1}{3}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157854	1942	1020	$\frac{49}{1020}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{204}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157855	1942	1104	$\frac{5}{138}$	$\frac{133}{1104}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1104}^2\ \Phi_{552}^2\ \Phi_{368}^2\ \Phi_{276}^2\ \Phi_{184}^2\ \Phi_{92}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157856	1942	1008	$\frac{37}{1008}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157857	1942	1152	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{181}{1152}$	$\frac{1}{3}$	$\Phi_{1152}^2\ \Phi_{576}^2\ \Phi_{384}^2\ \Phi_{288}^2\ \Phi_{144}^2\ \Phi_{128}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157858	1942	1134	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{163}{1134}$	$\frac{1}{3}$	$\Phi_{1134}^2\ \Phi_{567}^2\ \Phi_{378}^2\ \Phi_{162}^2\ \Phi_{126}^2\ \Phi_{81}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157859	1942	1056	$\frac{85}{1056}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{3}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157860	1942	1080	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{109}{1080}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
157861	1943	1848	$\frac{1}{66}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{65}{132}$	$\Phi_{1848}^2\ \Phi_{616}^2\ \Phi_{264}^2\ \Phi_{168}^2\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{56}^3\ \Phi_{44}\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
157862	1943	924	$\frac{1}{66}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{65}{132}$	$\Phi_{924}^4\ \Phi_{308}^4\ \Phi_{132}^5\ \Phi_{84}^4\ \Phi_{44}^5\ \Phi_{42}\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{12}^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
157863	1943	1056	$\frac{1}{66}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{65}{132}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{96}^2\ \Phi_{88}^2\ \Phi_{48}^2\ \Phi_{44}\ \Phi_{32}^3\ \Phi_{24}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
157864	1943	4620	$\frac{1}{66}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{65}{132}$	$\Phi_{4620}\ \Phi_{1540}\ \Phi_{660}\ \Phi_{420}\ \Phi_{220}\ \Phi_{140}\ \Phi_{132}\ \Phi_{60}\ \Phi_{44}\ \Phi_{35}\ \Phi_{20}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
157865	1943	3864	$\frac{2}{69}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{3864}\ \Phi_{1288}\ \Phi_{552}\ \Phi_{184}\ \Phi_{69}\ \Phi_{56}\ \Phi_{23}\ \Phi_8\ \Phi_1$
157866	1943	5544	$\frac{1}{33}$	$\frac{1}{28}$	$\frac{32}{99}$	$\frac{27}{56}$	$\Phi_{5544}\ \Phi_{792}\ \Phi_{504}\ \Phi_{99}\ \Phi_{72}\ \Phi_{56}\ \Phi_9\ \Phi_8\ \Phi_1$
157867	1943	616	$\frac{1}{28}$	$\frac{1}{22}$	$\frac{21}{88}$	$\frac{27}{56}$	$\Phi_{616}^2\ \Phi_{308}^4\ \Phi_{154}^4\ \Phi_{88}^3\ \Phi_{77}^4\ \Phi_{56}^3\ \Phi_{44}^5\ \Phi_{28}^4\ \Phi_{22}^4\ \Phi_{14}^4\ \Phi_{11}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
157868	1943	504	$\frac{1}{28}$	$\frac{5}{72}$	$\frac{1}{6}$	$\frac{27}{56}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^2\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{72}^5\ \Phi_{63}^4\ \Phi_{56}^3\ \Phi_{42}^5\ \Phi_{36}^5\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{21}^4\ \Phi_{18}^5\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^4\ \Phi_7^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
157869	1943	616	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{27}{56}$	$\Phi_{616}^6\ \Phi_{88}^6\ \Phi_{77}\ \Phi_{56}^7\ \Phi_8^7\ \Phi_7\ \Phi_1$
157870	1943	1920	$\frac{1}{30}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{1920}^2\ \Phi_{640}^2\ \Phi_{384}^2\ \Phi_{128}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
157871	1943	1836	$\frac{1}{68}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1836}\ \Phi_{918}\ \Phi_{612}\ \Phi_{459}\ \Phi_{306}\ \Phi_{204}^2\ \Phi_{153}\ \Phi_{108}\ \Phi_{102}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{36}\ \Phi_{34}\ \Phi_{27}\ \Phi_{17}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
157872	1943	680	$\frac{1}{68}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{680}^4\ \Phi_{340}^2\ \Phi_{170}^2\ \Phi_{136}^4\ \Phi_{85}^2\ \Phi_{68}\ \Phi_{40}^3\ \Phi_{34}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{10}\ \Phi_8^3\ \Phi_5\ \Phi_4\ \Phi_1$
157873	1943	1700	$\frac{1}{68}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{1700}\ \Phi_{850}\ \Phi_{425}\ \Phi_{340}^2\ \Phi_{170}^2\ \Phi_{100}\ \Phi_{85}^2\ \Phi_{68}\ \Phi_{34}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
157874	1943	612	$\frac{1}{68}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{612}^4\ \Phi_{306}^4\ \Phi_{204}^2\ \Phi_{153}^4\ \Phi_{102}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{36}^3\ \Phi_{34}\ \Phi_{18}^3\ \Phi_{17}\ \Phi_{12}^2\ \Phi_9^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
157875	1943	816	$\frac{1}{68}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{816}^4\ \Phi_{272}^4\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{48}^3\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
157876	1943	360	$\frac{1}{30}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^4\ \Phi_{90}^6\ \Phi_{72}^5\ \Phi_{60}^6\ \Phi_{45}^6\ \Phi_{40}^4\ \Phi_{36}^5\ \Phi_{30}^5\ \Phi_{24}^3\ \Phi_{20}^6\ \Phi_{18}^5\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_9^5\ \Phi_8^4\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
157877	1943	510	$\frac{1}{30}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{170}^4\ \Phi_{102}^3\ \Phi_{85}^4\ \Phi_{51}^4\ \Phi_{34}^3\ \Phi_{30}^3\ \Phi_{17}^3\ \Phi_{15}^3\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
157878	1943	966	$\frac{2}{69}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{138}^2\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{42}\ \Phi_{23}^3\ \Phi_{21}\ \Phi_6\ \Phi_3\ \Phi_1$
157879	1943	2208	$\frac{2}{69}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{552}\ \Phi_{368}\ \Phi_{184}\ \Phi_{69}\ \Phi_{32}\ \Phi_{23}\ \Phi_{16}\ \Phi_8\ \Phi_1$
157880	1943	612	$\frac{1}{68}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{612}^3\ \Phi_{306}^3\ \Phi_{204}^4\ \Phi_{153}^3\ \Phi_{102}^4\ \Phi_{68}^3\ \Phi_{51}^4\ \Phi_{36}^2\ \Phi_{34}^3\ \Phi_{18}^2\ \Phi_{17}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
157881	1943	2415	$\frac{2}{69}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{805}\ \Phi_{345}\ \Phi_{115}\ \Phi_{69}\ \Phi_{35}\ \Phi_{23}\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157882	1943	1386	$\frac{1}{33}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{32}{99}$	$\Phi_{1386}^2\ \Phi_{693}^2\ \Phi_{198}^2\ \Phi_{126}^2\ \Phi_{99}^3\ \Phi_{63}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
157883	1943	3168	$\frac{1}{33}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{32}{99}$	$\Phi_{3168}\ \Phi_{1584}\ \Phi_{792}\ \Phi_{288}\ \Phi_{144}\ \Phi_{99}\ \Phi_{72}\ \Phi_{32}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
157884	1943	3465	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{32}{99}$	$\Phi_{3465}\ \Phi_{495}\ \Phi_{315}\ \Phi_{99}\ \Phi_{45}\ \Phi_{35}\ \Phi_9\ \Phi_5\ \Phi_1$
157885	1943	1848	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{21}{88}$	$\frac{13}{42}$	$\Phi_{1848}^2\ \Phi_{924}^2\ \Phi_{264}^2\ \Phi_{168}^2\ \Phi_{132}^2\ \Phi_{88}\ \Phi_{84}^2\ \Phi_{44}\ \Phi_{42}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
157886	1943	504	$\frac{5}{72}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{42}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{72}^5\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{42}\ \Phi_{36}^5\ \Phi_{28}^4\ \Phi_{24}^5\ \Phi_{21}\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
157887	1943	462	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{13}{42}$	$\Phi_{462}^6\ \Phi_{231}^6\ \Phi_{77}\ \Phi_{66}^6\ \Phi_{42}^7\ \Phi_{33}^6\ \Phi_{21}^7\ \Phi_7\ \Phi_6^7\ \Phi_3^7\ \Phi_1$
157888	1943	480	$\frac{1}{30}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^4\ \Phi_{120}^4\ \Phi_{96}^3\ \Phi_{80}^4\ \Phi_{60}^6\ \Phi_{48}^3\ \Phi_{40}^4\ \Phi_{32}^4\ \Phi_{30}^5\ \Phi_{24}^3\ \Phi_{20}^6\ \Phi_{16}^4\ \Phi_{15}^5\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_8^4\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
157889	1943	352	$\frac{1}{22}$	$\frac{3}{32}$	$\frac{21}{88}$	$\frac{1}{4}$	$\Phi_{352}^6\ \Phi_{176}^6\ \Phi_{88}^3\ \Phi_{44}^5\ \Phi_{32}^7\ \Phi_{22}^4\ \Phi_{16}^7\ \Phi_{11}^4\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
157890	1943	240	$\frac{1}{30}$	$\frac{13}{80}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{80}^7\ \Phi_{60}^{10}\ \Phi_{48}^8\ \Phi_{40}^7\ \Phi_{30}^9\ \Phi_{24}^8\ \Phi_{20}^9\ \Phi_{16}^8\ \Phi_{15}^9\ \Phi_{12}^{10}\ \Phi_{10}^8\ \Phi_8^8\ \Phi_6^9\ \Phi_5^8\ \Phi_4^9\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
157891	1943	288	$\frac{5}{72}$	$\frac{3}{32}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{288}^8\ \Phi_{144}^8\ \Phi_{96}^6\ \Phi_{72}^5\ \Phi_{48}^6\ \Phi_{36}^5\ \Phi_{32}^7\ \Phi_{24}^3\ \Phi_{18}^5\ \Phi_{16}^7\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
157892	1943	2464	$\frac{1}{11}$	$\frac{3}{32}$	$\frac{10}{77}$	$\frac{1}{4}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{616}\ \Phi_{224}\ \Phi_{112}\ \Phi_{77}\ \Phi_{56}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_7\ \Phi_1$
157893	1943	3080	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{21}{88}$	$\Phi_{3080}\ \Phi_{1540}\ \Phi_{440}\ \Phi_{280}\ \Phi_{220}\ \Phi_{140}\ \Phi_{88}\ \Phi_{44}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
157894	1943	2520	$\frac{5}{72}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{35}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{180}\ \Phi_{140}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{35}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
157895	1943	385	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{385}^6\ \Phi_{77}\ \Phi_{55}^6\ \Phi_{35}^7\ \Phi_7\ \Phi_5^7\ \Phi_1$
157896	1944	1455	$\frac{1}{485}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{242}{485}$	$\Phi_{1455}\ \Phi_{485}^2\ \Phi_{291}\ \Phi_{97}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
157897	1944	1943	$\frac{5}{1943}$	$\frac{487}{1943}$	$\frac{728}{1943}$	$\frac{969}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
157898	1944	2919	$\frac{3}{973}$	$\frac{244}{973}$	$\frac{1}{3}$	$\frac{485}{973}$	$\Phi_{2919}\ \Phi_{417}\ \Phi_{21}$
157899	1944	1615	$\frac{1}{323}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{161}{323}$	$\Phi_{1615}\ \Phi_{323}^2\ \Phi_{95}\ \Phi_{85}\ \Phi_{19}^2\ \Phi_{17}^2\ \Phi_5^2\ \Phi_1^4$
157900	1944	3876	$\frac{1}{323}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{161}{323}$	$\Phi_{3876}\ \Phi_{1938}\ \Phi_{228}\ \Phi_{204}\ \Phi_{114}\ \Phi_{102}\ \Phi_{12}^2\ \Phi_6^2$
157901	1944	1943	$\frac{7}{1943}$	$\frac{325}{1943}$	$\frac{809}{1943}$	$\frac{968}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
157902	1944	3388	$\frac{1}{242}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{241}{484}$	$\Phi_{3388}\ \Phi_{484}^2\ \Phi_{308}\ \Phi_{44}^2\ \Phi_{28}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
157903	1944	7260	$\frac{1}{242}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{241}{484}$	$\Phi_{7260}\ \Phi_{660}\ \Phi_{60}\ \Phi_{15}$
157904	1944	2596	$\frac{3}{649}$	$\frac{1}{4}$	$\frac{163}{649}$	$\frac{323}{649}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{236}\ \Phi_{118}\ \Phi_{44}\ \Phi_{22}$
157905	1944	1943	$\frac{9}{1943}$	$\frac{485}{1943}$	$\frac{488}{1943}$	$\frac{967}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
157906	1944	3440	$\frac{1}{215}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{107}{215}$	$\Phi_{3440}\ \Phi_{688}\ \Phi_{215}\ \Phi_{80}\ \Phi_{43}\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
157907	1944	860	$\frac{1}{215}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{107}{215}$	$\Phi_{860}^2\ \Phi_{430}^2\ \Phi_{215}^3\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{43}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
157908	1944	2919	$\frac{5}{973}$	$\frac{163}{973}$	$\frac{1}{3}$	$\frac{484}{973}$	$\Phi_{2919}\ \Phi_{417}\ \Phi_{21}$
157909	1944	1771	$\frac{1}{161}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{80}{161}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{161}^2\ \Phi_{77}\ \Phi_{23}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
157910	1944	483	$\frac{1}{161}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{80}{161}$	$\Phi_{483}^6\ \Phi_{69}^6\ \Phi_{21}^7\ \Phi_3^6$
157911	1944	1771	$\frac{1}{161}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{80}{161}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{161}^2\ \Phi_{77}\ \Phi_{23}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
157912	1944	3220	$\frac{1}{161}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{80}{161}$	$\Phi_{3220}\ \Phi_{1610}\ \Phi_{460}\ \Phi_{230}\ \Phi_{140}\ \Phi_{70}\ \Phi_{20}^2\ \Phi_{10}^2$
157913	1944	1943	$\frac{13}{1943}$	$\frac{163}{1943}$	$\frac{890}{1943}$	$\frac{965}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
157914	1944	1943	$\frac{13}{1943}$	$\frac{326}{1943}$	$\frac{539}{1943}$	$\frac{965}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
157915	1944	834	$\frac{1}{139}$	$\frac{35}{278}$	$\frac{1}{3}$	$\frac{69}{139}$	$\Phi_{834}^4\ \Phi_{417}^3\ \Phi_6^4\ \Phi_3^2$
157916	1944	2596	$\frac{5}{649}$	$\frac{109}{649}$	$\frac{1}{4}$	$\frac{322}{649}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{236}\ \Phi_{118}\ \Phi_{44}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157917	1944	1943	$\frac{17}{1943}$	$\frac{245}{1943}$	$\frac{566}{1943}$	$\frac{963}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
157918	1944	2275	$\frac{3}{325}$	$\frac{1}{7}$	$\frac{82}{325}$	$\frac{161}{325}$	$\Phi_{2275}\ \Phi_{455}\ \Phi_{175}\ \Phi_{91}\ \Phi_{35}$
157919	1944	1819	$\frac{1}{107}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{53}{107}$	$\Phi_{1819}\ \Phi_{107}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
157920	1944	3210	$\frac{1}{107}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{53}{107}$	$\Phi_{3210}\ \Phi_{1605}\ \Phi_{642}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}$
157921	1944	1819	$\frac{1}{107}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{53}{107}$	$\Phi_{1819}\ \Phi_{107}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
157922	1944	2996	$\frac{1}{107}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{53}{107}$	$\Phi_{2996}\ \Phi_{1498}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
157923	1944	1943	$\frac{19}{1943}$	$\frac{109}{1943}$	$\frac{917}{1943}$	$\frac{962}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
157924	1944	1943	$\frac{19}{1943}$	$\frac{327}{1943}$	$\frac{404}{1943}$	$\frac{962}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
157925	1944	2435	$\frac{5}{487}$	$\frac{82}{487}$	$\frac{1}{5}$	$\frac{241}{487}$	Φ_{2435}
157926	1944	2596	$\frac{7}{649}$	$\frac{82}{649}$	$\frac{1}{4}$	$\frac{321}{649}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{236}\ \Phi_{118}\ \Phi_{44}\ \Phi_{22}$
157927	1944	1943	$\frac{21}{1943}$	$\frac{242}{1943}$	$\frac{491}{1943}$	$\frac{961}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
157928	1944	2919	$\frac{11}{973}$	$\frac{82}{973}$	$\frac{1}{3}$	$\frac{481}{973}$	$\Phi_{2919}\ \Phi_{417}\ \Phi_{21}$
157929	1944	3680	$\frac{1}{80}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{79}{160}$	$\Phi_{3680}\ \Phi_{736}\ \Phi_{160}^{2}\ \Phi_{32}^{2}\ \Phi_{23}\ \Phi_{1}^{2}$
157930	1944	6240	$\frac{1}{80}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{79}{160}$	$\Phi_{6240}\ \Phi_{1248}\ \Phi_{39}$
157931	1944	3680	$\frac{1}{80}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{79}{160}$	$\Phi_{3680}\ \Phi_{736}\ \Phi_{160}^{2}\ \Phi_{32}^{2}\ \Phi_{23}\ \Phi_{1}^{2}$
157932	1944	1440	$\frac{1}{80}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{79}{160}$	$\Phi_{1440}^{3}\ \Phi_{480}^{3}\ \Phi_{288}^{3}\ \Phi_{96}^{3}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
157933	1944	3680	$\frac{1}{80}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{79}{160}$	$\Phi_{3680}\ \Phi_{736}\ \Phi_{160}^{2}\ \Phi_{32}^{2}\ \Phi_{23}\ \Phi_{1}^{2}$
157934	1944	1120	$\frac{1}{80}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{79}{160}$	$\Phi_{1120}^{4}\ \Phi_{224}^{4}\ \Phi_{35}$
157935	1944	1943	$\frac{25}{1943}$	$\frac{164}{1943}$	$\frac{593}{1943}$	$\frac{959}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
157936	1944	2170	$\frac{3}{217}$	$\frac{1}{10}$	$\frac{55}{217}$	$\frac{107}{217}$	$\Phi_{2170}\ \Phi_{1085}\ \Phi_{434}\ \Phi_{310}\ \Phi_{155}\ \Phi_{70}\ \Phi_{62}\ \Phi_{35}\ \Phi_{14}$
157937	1944	3692	$\frac{1}{71}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{35}{71}$	$\Phi_{3692}\ \Phi_{284}\ \Phi_{71}\ \Phi_{52}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
157938	1944	923	$\frac{1}{71}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{35}{71}$	$\Phi_{923}^{2}\ \Phi_{71}^{3}\ \Phi_{13}^{4}\ \Phi_{1}^{6}$
157939	1944	1420	$\frac{1}{71}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{35}{71}$	$\Phi_{1420}^{2}\ \Phi_{710}\ \Phi_{355}\ \Phi_{284}\ \Phi_{71}\ \Phi_{20}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
157940	1944	469	$\frac{1}{67}$	$\frac{17}{469}$	$\frac{226}{469}$	$\frac{33}{67}$	$\Phi_{469}^{4}\ \Phi_{67}^{5}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
157941	1944	469	$\frac{1}{67}$	$\frac{34}{469}$	$\frac{145}{469}$	$\frac{33}{67}$	$\Phi_{469}^{4}\ \Phi_{67}^{5}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
157942	1944	268	$\frac{1}{67}$	$\frac{25}{268}$	$\frac{17}{67}$	$\frac{33}{67}$	$\Phi_{268}^{8}\ \Phi_{134}^{8}\ \Phi_{67}^{5}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
157943	1944	455	$\frac{1}{65}$	$\frac{1}{7}$	$\frac{11}{65}$	$\frac{32}{65}$	$\Phi_{455}^{5}\ \Phi_{91}^{5}\ \Phi_{35}^{5}\ \Phi_{7}^{4}$
157944	1944	319	$\frac{5}{319}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{157}{319}$	$\Phi_{319}^{6}\ \Phi_{29}^{7}\ \Phi_{11}^{6}\ \Phi_{1}^{8}$
157945	1944	319	$\frac{5}{319}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{157}{319}$	$\Phi_{319}^{6}\ \Phi_{29}^{7}\ \Phi_{11}^{6}\ \Phi_{1}^{8}$
157946	1944	1276	$\frac{5}{319}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{157}{319}$	$\Phi_{1276}^{2}\ \Phi_{638}^{2}\ \Phi_{116}^{2}\ \Phi_{58}^{2}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
157947	1944	1943	$\frac{31}{1943}$	$\frac{269}{1943}$	$\frac{329}{1943}$	$\frac{956}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
157948	1944	236	$\frac{1}{59}$	$\frac{5}{59}$	$\frac{1}{4}$	$\frac{29}{59}$	$\Phi_{236}^{11}\ \Phi_{118}^{11}\ \Phi_{4}^{10}\ \Phi_{2}^{10}$
157949	1944	1943	$\frac{33}{1943}$	$\frac{161}{1943}$	$\frac{494}{1943}$	$\frac{955}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
157950	1944	2919	$\frac{17}{973}$	$\frac{55}{973}$	$\frac{1}{3}$	$\frac{478}{973}$	$\Phi_{2919}\ \Phi_{417}\ \Phi_{21}$
157951	1944	1855	$\frac{1}{53}$	$\frac{1}{35}$	$\frac{17}{35}$	$\frac{26}{53}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{265}\ \Phi_{53}^{2}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
157952	1944	3021	$\frac{1}{53}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{3021}\ \Phi_{57}^{2}$
157953	1944	1855	$\frac{1}{53}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{26}{53}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{265}\ \Phi_{53}^{2}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
157954	1944	2756	$\frac{1}{53}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{26}{53}$	$\Phi_{2756}\ \Phi_{1378}\ \Phi_{52}^{2}\ \Phi_{26}^{2}$
157955	1944	1855	$\frac{1}{53}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{26}{53}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{265}\ \Phi_{53}^{2}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157956	1944	530	$\frac{1}{53}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{26}{53}$	$\Phi_{530}^{4}\ \Phi_{265}^{3}\ \Phi_{106}^{4}\ \Phi_{53}^{4}\ \Phi_{10}^{8}\ \Phi_{5}^{6}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
157957	1944	371	$\frac{1}{53}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{26}{53}$	$\Phi_{371}^{5}\ \Phi_{53}^{6}\ \Phi_{7}^{10}\ \Phi_{1}^{12}$
157958	1944	1943	$\frac{37}{1943}$	$\frac{55}{1943}$	$\frac{944}{1943}$	$\frac{953}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
157959	1944	1943	$\frac{37}{1943}$	$\frac{110}{1943}$	$\frac{611}{1943}$	$\frac{953}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
157960	1944	2170	$\frac{5}{217}$	$\frac{1}{10}$	$\frac{37}{217}$	$\frac{106}{217}$	$\Phi_{2170}\ \Phi_{1085}\ \Phi_{434}\ \Phi_{310}\ \Phi_{155}\ \Phi_{70}\ \Phi_{62}\ \Phi_{35}\ \Phi_{14}$
157961	1944	1943	$\frac{49}{1943}$	$\frac{83}{1943}$	$\frac{620}{1943}$	$\frac{947}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
157962	1944	1943	$\frac{49}{1943}$	$\frac{179}{1943}$	$\frac{332}{1943}$	$\frac{947}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
157963	1944	2596	$\frac{17}{649}$	$\frac{37}{649}$	$\frac{1}{4}$	$\frac{316}{649}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{236}\ \Phi_{118}\ \Phi_{44}\ \Phi_{22}$
157964	1944	2071	$\frac{3}{109}$	$\frac{1}{19}$	$\frac{28}{109}$	$\frac{53}{109}$	Φ_{2071}
157965	1944	1943	$\frac{55}{1943}$	$\frac{111}{1943}$	$\frac{458}{1943}$	$\frac{944}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
157966	1944	420	$\frac{1}{35}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{420}^{7}\ \Phi_{210}^{7}\ \Phi_{105}^{6}\ \Phi_{84}^{8}\ \Phi_{60}^{7}\ \Phi_{42}^{8}\ \Phi_{30}^{7}\ \Phi_{21}^{7}\ \Phi_{15}^{6}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{6}$
157967	1944	1855	$\frac{1}{35}$	$\frac{2}{53}$	$\frac{17}{53}$	$\frac{17}{35}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{265}\ \Phi_{53}^{2}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
157968	1944	2660	$\frac{1}{35}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{532}\ \Phi_{380}\ \Phi_{266}\ \Phi_{190}\ \Phi_{76}^{2}\ \Phi_{38}^{2}$
157969	1944	1855	$\frac{1}{35}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{17}{35}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{265}\ \Phi_{53}^{2}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
157970	1944	70	$\frac{1}{35}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{17}{35}$	$\Phi_{70}^{31}\ \Phi_{35}^{25}\ \Phi_{14}^{31}\ \Phi_{10}^{30}\ \Phi_{7}^{24}\ \Phi_{5}^{24}\ \Phi_{2}^{30}\ \Phi_{1}^{24}$
157971	1944	2119	$\frac{5}{163}$	$\frac{1}{13}$	$\frac{28}{163}$	$\frac{79}{163}$	Φ_{2119}
157972	1944	1943	$\frac{61}{1943}$	$\frac{167}{1943}$	$\frac{296}{1943}$	$\frac{941}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
157973	1944	310	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{4}{31}$	$\frac{15}{31}$	$\Phi_{310}^{7}\ \Phi_{155}^{7}\ \Phi_{62}^{7}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{2}^{6}$
157974	1944	1943	$\frac{65}{1943}$	$\frac{188}{1943}$	$\frac{251}{1943}$	$\frac{939}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
157975	1944	2275	$\frac{11}{325}$	$\frac{28}{325}$	$\frac{1}{7}$	$\frac{157}{325}$	$\Phi_{2275}\ \Phi_{455}\ \Phi_{175}\ \Phi_{91}\ \Phi_{35}$
157976	1944	319	$\frac{1}{29}$	$\frac{15}{319}$	$\frac{76}{319}$	$\frac{14}{29}$	$\Phi_{319}^{6}\ \Phi_{29}^{7}\ \Phi_{11}^{6}\ \Phi_{1}^{8}$
157977	1944	29	$\frac{1}{29}$	$\frac{2}{29}$	$\frac{5}{29}$	$\frac{14}{29}$	$\Phi_{29}^{67}\ \Phi_{1}^{68}$
157978	1944	2435	$\frac{17}{487}$	$\frac{28}{487}$	$\frac{1}{5}$	$\frac{235}{487}$	Φ_{2435}
157979	1944	2596	$\frac{23}{649}$	$\frac{28}{649}$	$\frac{1}{4}$	$\frac{313}{649}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{236}\ \Phi_{118}\ \Phi_{44}\ \Phi_{22}$
157980	1944	1943	$\frac{69}{1943}$	$\frac{80}{1943}$	$\frac{503}{1943}$	$\frac{937}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
157981	1944	417	$\frac{4}{139}$	$\frac{5}{139}$	$\frac{1}{3}$	$\frac{67}{139}$	$\Phi_{417}^{7}\ \Phi_{3}^{6}$
157982	1944	469	$\frac{17}{469}$	$\frac{3}{67}$	$\frac{16}{67}$	$\frac{226}{469}$	$\Phi_{469}^{4}\ \Phi_{67}^{5}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
157983	1944	1943	$\frac{56}{1943}$	$\frac{73}{1943}$	$\frac{629}{1943}$	$\frac{935}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
157984	1944	5772	$\frac{1}{37}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{5772}\ \Phi_{444}\ \Phi_{111}$
157985	1944	3692	$\frac{2}{71}$	$\frac{1}{26}$	$\frac{23}{71}$	$\frac{25}{52}$	$\Phi_{3692}\ \Phi_{284}\ \Phi_{71}\ \Phi_{52}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
157986	1944	1300	$\frac{1}{26}$	$\frac{1}{25}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{1300}\ \Phi_{650}^{2}\ \Phi_{325}^{2}\ \Phi_{260}\ \Phi_{130}^{2}\ \Phi_{100}^{2}\ \Phi_{65}^{2}\ \Phi_{50}^{3}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
157987	1944	3692	$\frac{1}{26}$	$\frac{3}{71}$	$\frac{17}{71}$	$\frac{25}{52}$	$\Phi_{3692}\ \Phi_{284}\ \Phi_{71}\ \Phi_{52}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
157988	1944	4940	$\frac{1}{26}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{4940}\ \Phi_{380}\ \Phi_{95}$
157989	1944	3692	$\frac{1}{26}$	$\frac{5}{71}$	$\frac{11}{71}$	$\frac{25}{52}$	$\Phi_{3692}\ \Phi_{284}\ \Phi_{71}\ \Phi_{52}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
157990	1944	364	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{25}{52}$	$\Phi_{364}^{12}\ \Phi_{91}\ \Phi_{28}^{12}$
157991	1944	3692	$\frac{1}{26}$	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{25}{52}$	$\Phi_{3692}\ \Phi_{284}\ \Phi_{71}\ \Phi_{52}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
157992	1944	2340	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{25}{52}$	$\Phi_{2340}^{2}\ \Phi_{780}^{2}\ \Phi_{468}\ \Phi_{180}^{2}\ \Phi_{156}\ \Phi_{90}\ \Phi_{60}^{2}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
157993	1944	175	$\frac{1}{25}$	$\frac{13}{175}$	$\frac{1}{7}$	$\frac{12}{25}$	$\Phi_{175}^{11}\ \Phi_{35}^{11}\ \Phi_{25}^{12}\ \Phi_{7}^{10}\ \Phi_{5}^{12}\ \Phi_{1}^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
157994	1944	2044	$\frac{1}{28}$	$\frac{3}{73}$	$\frac{19}{73}$	$\frac{35}{73}$	$\Phi_{2044}\ \Phi_{1022}\ \Phi_{511}\ \Phi_{292}\ \Phi_{146}$
157995	1944	920	$\frac{1}{40}$	$\frac{1}{23}$	$\frac{13}{40}$	$\frac{11}{23}$	$\Phi_{920}^2\ \Phi_{460}^2\ \Phi_{230}^2\ \Phi_{184}^2\ \Phi_{115}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{40}^4\ \Phi_{23}^3\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
157996	1944	644	$\frac{1}{28}$	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{644}^3\ \Phi_{322}^3\ \Phi_{161}^3\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{28}^6\ \Phi_{23}^3\ \Phi_{14}^6\ \Phi_7^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
157997	1944	1955	$\frac{1}{23}$	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{11}{23}$	$\Phi_{1955}\ \Phi_{391}\ \Phi_{85}^2\ \Phi_{23}\ \Phi_{17}^2\ \Phi_1^2$
157998	1944	2300	$\frac{1}{23}$	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{11}{23}$	$\Phi_{2300}\ \Phi_{1150}\ \Phi_{575}\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{23}\ \Phi_1^2$
157999	1944	736	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{11}{23}$	$\Phi_{736}^3\ \Phi_{368}^2\ \Phi_{184}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{32}^6\ \Phi_{23}^3\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
158000	1944	2024	$\frac{1}{23}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{11}{23}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{253}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{23}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_1^2$
158001	1944	230	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{11}{23}$	$\Phi_{230}^8\ \Phi_{115}^8\ \Phi_{46}^8\ \Phi_{23}^9\ \Phi_{10}^{16}\ \Phi_5^{16}\ \Phi_2^{16}\ \Phi_1^{18}$
158002	1944	2071	$\frac{5}{109}$	$\frac{1}{19}$	$\frac{19}{109}$	$\frac{52}{109}$	Φ_{2071}
158003	1944	1943	$\frac{91}{1943}$	$\frac{113}{1943}$	$\frac{305}{1943}$	$\frac{926}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158004	1944	464	$\frac{1}{29}$	$\frac{11}{232}$	$\frac{7}{29}$	$\frac{221}{464}$	$\Phi_{464}^8\ \Phi_{29}^3\ \Phi_{16}^8\ \Phi_1^4$
158005	1944	1943	$\frac{97}{1943}$	$\frac{170}{1943}$	$\frac{197}{1943}$	$\frac{923}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158006	1944	2170	$\frac{11}{217}$	$\frac{19}{217}$	$\frac{1}{10}$	$\frac{103}{217}$	$\Phi_{2170}\ \Phi_{1085}\ \Phi_{434}\ \Phi_{310}\ \Phi_{155}\ \Phi_{70}\ \Phi_{62}\ \Phi_{35}\ \Phi_{14}$
158007	1944	2275	$\frac{17}{325}$	$\frac{19}{325}$	$\frac{1}{7}$	$\frac{154}{325}$	$\Phi_{2275}\ \Phi_{455}\ \Phi_{175}\ \Phi_{91}\ \Phi_{35}$
158008	1944	1943	$\frac{89}{1943}$	$\frac{103}{1943}$	$\frac{341}{1943}$	$\frac{920}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158009	1944	2596	$\frac{19}{649}$	$\frac{35}{649}$	$\frac{1}{4}$	$\frac{307}{649}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{236}\ \Phi_{118}\ \Phi_{44}\ \Phi_{22}$
158010	1944	1943	$\frac{53}{1943}$	$\frac{105}{1943}$	$\frac{512}{1943}$	$\frac{919}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158011	1944	2919	$\frac{19}{973}$	$\frac{53}{973}$	$\frac{1}{3}$	$\frac{460}{973}$	$\Phi_{2919}\ \Phi_{417}\ \Phi_{21}$
158012	1944	1943	$\frac{38}{1943}$	$\frac{109}{1943}$	$\frac{635}{1943}$	$\frac{917}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158013	1944	2805	$\frac{1}{55}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{2805}\ \Phi_{561}\ \Phi_{255}\ \Phi_{165}^2\ \Phi_{33}^2\ \Phi_{15}^2$
158014	1944	1819	$\frac{2}{107}$	$\frac{1}{17}$	$\frac{35}{107}$	$\frac{8}{17}$	$\Phi_{1819}\ \Phi_{107}^2\ \Phi_{17}^2\ \Phi_1^4$
158015	1944	2516	$\frac{1}{37}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{2516}\ \Phi_{1258}\ \Phi_{148}^2\ \Phi_{74}^2$
158016	1944	1819	$\frac{3}{107}$	$\frac{1}{17}$	$\frac{26}{107}$	$\frac{8}{17}$	$\Phi_{1819}\ \Phi_{107}^2\ \Phi_{17}^2\ \Phi_1^4$
158017	1944	2380	$\frac{1}{28}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{595}\ \Phi_{340}\ \Phi_{170}\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{20}^2\ \Phi_{10}^2$
158018	1944	1819	$\frac{5}{107}$	$\frac{1}{17}$	$\frac{17}{107}$	$\frac{8}{17}$	$\Phi_{1819}\ \Phi_{107}^2\ \Phi_{17}^2\ \Phi_1^4$
158019	1944	2261	$\frac{1}{19}$	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{8}{17}$	$\Phi_{2261}\ \Phi_{133}^2$
158020	1944	1819	$\frac{1}{17}$	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{8}{17}$	$\Phi_{1819}\ \Phi_{107}^2\ \Phi_{17}^2\ \Phi_1^4$
158021	1944	2210	$\frac{1}{17}$	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{8}{17}$	$\Phi_{2210}\ \Phi_{1105}\ \Phi_{442}\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{26}^2$
158022	1944	203	$\frac{13}{203}$	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{95}{203}$	$\Phi_{203}^9\ \Phi_{29}^{13}\ \Phi_7^9\ \Phi_1^{14}$
158023	1944	2044	$\frac{1}{28}$	$\frac{5}{73}$	$\frac{13}{73}$	$\frac{34}{73}$	$\Phi_{2044}\ \Phi_{1022}\ \Phi_{511}\ \Phi_{292}\ \Phi_{146}$
158024	1944	67	$\frac{1}{67}$	$\frac{5}{67}$	$\frac{22}{67}$	$\frac{31}{67}$	$\Phi_{67}^{29}\ \Phi_1^{30}$
158025	1944	67	$\frac{2}{67}$	$\frac{5}{67}$	$\frac{13}{67}$	$\frac{31}{67}$	$\Phi_{67}^{29}\ \Phi_1^{30}$
158026	1944	335	$\frac{11}{335}$	$\frac{5}{67}$	$\frac{12}{67}$	$\frac{31}{67}$	$\Phi_{335}^6\ \Phi_{67}^5\ \Phi_5^6\ \Phi_1^6$
158027	1944	67	$\frac{4}{67}$	$\frac{5}{67}$	$\frac{7}{67}$	$\frac{31}{67}$	$\Phi_{67}^{29}\ \Phi_1^{30}$
158028	1944	1183	$\frac{7}{169}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{1183}^2\ \Phi_{91}$
158029	1944	2170	$\frac{13}{217}$	$\frac{17}{217}$	$\frac{1}{10}$	$\frac{100}{217}$	$\Phi_{2170}\ \Phi_{1085}\ \Phi_{434}\ \Phi_{310}\ \Phi_{155}\ \Phi_{70}\ \Phi_{62}\ \Phi_{35}\ \Phi_{14}$
158030	1944	1850	$\frac{1}{37}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{1850}^2\ \Phi_{370}^2\ \Phi_{185}\ \Phi_{74}^2$
158031	1944	350	$\frac{1}{25}$	$\frac{2}{25}$	$\frac{1}{7}$	$\frac{23}{50}$	$\Phi_{350}^{12}\ \Phi_{175}\ \Phi_{70}^{12}\ \Phi_{35}\ \Phi_{14}^{12}$
158032	1944	1943	$\frac{59}{1943}$	$\frac{157}{1943}$	$\frac{350}{1943}$	$\frac{893}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
158033	1944	2035	$\frac{1}{55}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{2035}\ \Phi_{407}\ \Phi_{185}$
158034	1944	2596	$\frac{13}{649}$	$\frac{53}{649}$	$\frac{1}{4}$	$\frac{298}{649}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{236}\ \Phi_{118}\ \Phi_{44}\ \Phi_{22}$
158035	1944	1943	$\frac{39}{1943}$	$\frac{163}{1943}$	$\frac{476}{1943}$	$\frac{890}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158036	1944	2706	$\frac{1}{82}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{2706}\ \Phi_{1353}\ \Phi_{246}^{2}\ \Phi_{123}^{2}\ \Phi_{66}\ \Phi_{6}^{2}$
158037	1944	1771	$\frac{2}{161}$	$\frac{1}{11}$	$\frac{53}{161}$	$\frac{5}{11}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{161}^{2}\ \Phi_{77}\ \Phi_{23}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
158038	1944	220	$\frac{1}{55}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{220}^{12}\ \Phi_{110}^{12}\ \Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_{20}^{12}\ \Phi_{10}^{12}\ \Phi_{4}^{10}\ \Phi_{2}^{10}$
158039	1944	407	$\frac{1}{37}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{407}^{5}\ \Phi_{37}^{4}$
158040	1944	1771	$\frac{5}{161}$	$\frac{1}{11}$	$\frac{26}{161}$	$\frac{5}{11}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{161}^{2}\ \Phi_{77}\ \Phi_{23}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
158041	1944	308	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{11}$	$\Phi_{308}^{6}\ \Phi_{154}^{6}\ \Phi_{77}^{5}\ \Phi_{44}^{6}\ \Phi_{28}^{12}\ \Phi_{22}^{6}\ \Phi_{14}^{12}\ \Phi_{11}^{6}\ \Phi_{7}^{10}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
158042	1944	1012	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{11}{92}$	$\frac{5}{11}$	$\Phi_{1012}^{2}\ \Phi_{506}^{2}\ \Phi_{253}\ \Phi_{92}^{4}\ \Phi_{46}^{4}\ \Phi_{44}^{2}\ \Phi_{23}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
158043	1944	1771	$\frac{8}{161}$	$\frac{1}{11}$	$\frac{17}{161}$	$\frac{5}{11}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{161}^{2}\ \Phi_{77}\ \Phi_{23}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
158044	1944	2090	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{5}{11}$	$\Phi_{2090}\ \Phi_{1045}\ \Phi_{418}\ \Phi_{190}^{2}\ \Phi_{95}^{2}\ \Phi_{38}^{2}$
158045	1944	1943	$\frac{59}{1943}$	$\frac{181}{1943}$	$\frac{314}{1943}$	$\frac{881}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158046	1944	2044	$\frac{1}{28}$	$\frac{7}{73}$	$\frac{10}{73}$	$\frac{33}{73}$	$\Phi_{2044}\ \Phi_{1022}\ \Phi_{511}\ \Phi_{292}\ \Phi_{146}$
158047	1944	1180	$\frac{1}{59}$	$\frac{29}{295}$	$\frac{1}{4}$	$\frac{133}{295}$	$\Phi_{1180}^{2}\ \Phi_{590}^{2}\ \Phi_{236}^{3}\ \Phi_{118}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
158048	1944	335	$\frac{1}{67}$	$\frac{33}{335}$	$\frac{92}{335}$	$\frac{151}{335}$	$\Phi_{335}^{6}\ \Phi_{67}^{5}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
158049	1944	1943	$\frac{89}{1943}$	$\frac{193}{1943}$	$\frac{206}{1943}$	$\frac{875}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158050	1944	2071	$\frac{1}{19}$	$\frac{10}{109}$	$\frac{11}{109}$	$\frac{49}{109}$	Φ_{2071}
158051	1944	1943	$\frac{119}{1943}$	$\frac{152}{1943}$	$\frac{199}{1943}$	$\frac{872}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158052	1944	493	$\frac{7}{493}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{493}^{4}\ \Phi_{29}^{3}\ \Phi_{17}^{4}\ \Phi_{1}^{4}$
158053	1944	29	$\frac{2}{29}$	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{13}{29}$	$\Phi_{29}^{67}\ \Phi_{1}^{68}$
158054	1944	2119	$\frac{10}{163}$	$\frac{1}{13}$	$\frac{17}{163}$	$\frac{73}{163}$	Φ_{2119}
158055	1944	1943	$\frac{98}{1943}$	$\frac{179}{1943}$	$\frac{205}{1943}$	$\frac{869}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158056	1944	2170	$\frac{10}{217}$	$\frac{1}{10}$	$\frac{23}{217}$	$\frac{97}{217}$	$\Phi_{2170}\ \Phi_{1085}\ \Phi_{434}\ \Phi_{310}\ \Phi_{155}\ \Phi_{70}\ \Phi_{62}\ \Phi_{35}\ \Phi_{14}$
158057	1944	1943	$\frac{62}{1943}$	$\frac{209}{1943}$	$\frac{269}{1943}$	$\frac{867}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158058	1944	455	$\frac{2}{65}$	$\frac{7}{65}$	$\frac{1}{7}$	$\frac{29}{65}$	$\Phi_{455}^{5}\ \Phi_{91}^{5}\ \Phi_{35}^{5}\ \Phi_{7}^{4}$
158059	1944	1943	$\frac{44}{1943}$	$\frac{211}{1943}$	$\frac{359}{1943}$	$\frac{866}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158060	1944	2435	$\frac{10}{487}$	$\frac{53}{487}$	$\frac{1}{5}$	$\frac{217}{487}$	Φ_{2435}
158061	1944	2596	$\frac{10}{649}$	$\frac{71}{649}$	$\frac{1}{4}$	$\frac{289}{649}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{236}\ \Phi_{118}\ \Phi_{44}\ \Phi_{22}$
158062	1944	1943	$\frac{26}{1943}$	$\frac{213}{1943}$	$\frac{539}{1943}$	$\frac{865}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158063	1944	2919	$\frac{10}{973}$	$\frac{107}{973}$	$\frac{1}{3}$	$\frac{433}{973}$	$\Phi_{2919}\ \Phi_{417}\ \Phi_{21}$
158064	1944	1943	$\frac{20}{1943}$	$\frac{217}{1943}$	$\frac{641}{1943}$	$\frac{863}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158065	1944	2050	$\frac{1}{82}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{2050}\ \Phi_{1025}\ \Phi_{410}\ \Phi_{205}\ \Phi_{50}\ \Phi_{10}$
158066	1944	5232	$\frac{1}{109}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{5232}\ \Phi_{327}$
158067	1944	3440	$\frac{2}{215}$	$\frac{1}{8}$	$\frac{71}{215}$	$\frac{7}{16}$	$\Phi_{3440}\ \Phi_{688}\ \Phi_{215}\ \Phi_{80}\ \Phi_{43}\ \Phi_{16}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
158068	1944	1168	$\frac{1}{73}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{1168}^{3}\ \Phi_{292}\ \Phi_{146}$
158069	1944	3440	$\frac{3}{215}$	$\frac{1}{8}$	$\frac{53}{215}$	$\frac{7}{16}$	$\Phi_{3440}\ \Phi_{688}\ \Phi_{215}\ \Phi_{80}\ \Phi_{43}\ \Phi_{16}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
158070	1944	880	$\frac{1}{55}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{880}^{4}\ \Phi_{176}^{4}\ \Phi_{80}^{3}\ \Phi_{55}^{4}\ \Phi_{16}^{4}\ \Phi_{11}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
158071	1944	688	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{7}{43}$	$\frac{7}{16}$	$\Phi_{688}^{5}\ \Phi_{43}^{5}\ \Phi_{16}^{6}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
158072	1944	4144	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{4144}\ \Phi_{259}$
158073	1944	3440	$\frac{7}{215}$	$\frac{26}{215}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3440}\ \Phi_{688}\ \Phi_{215}\ \Phi_{80}\ \Phi_{43}\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
158074	1944	1008	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1008}^4\ \Phi_{336}^4\ \Phi_{252}\ \Phi_{144}^3\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{48}^3\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
158075	1944	3440	$\frac{8}{215}$	$\frac{23}{215}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3440}\ \Phi_{688}\ \Phi_{215}\ \Phi_{80}\ \Phi_{43}\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
158076	1944	400	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{400}^9\ \Phi_{80}^7\ \Phi_{50}^5\ \Phi_{25}^4\ \Phi_{16}^8\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
158077	1944	3440	$\frac{11}{215}$	$\frac{17}{215}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3440}\ \Phi_{688}\ \Phi_{215}\ \Phi_{80}\ \Phi_{43}\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
158078	1944	3952	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3952}\ \Phi_{247}$
158079	1944	2035	$\frac{1}{55}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{2035}\ \Phi_{407}\ \Phi_{185}$
158080	1944	1943	$\frac{41}{1943}$	$\frac{271}{1943}$	$\frac{317}{1943}$	$\frac{836}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158081	1944	735	$\frac{2}{245}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{735}^4\ \Phi_{147}^4\ \Phi_{105}^4\ \Phi_{21}^3\ \Phi_{15}^4\ \Phi_3^2$
158082	1944	847	$\frac{1}{121}$	$\frac{1}{7}$	$\frac{40}{121}$	$\frac{3}{7}$	$\Phi_{847}^2\ \Phi_{121}^4\ \Phi_{77}^2\ \Phi_{11}^4\ \Phi_7^3\ \Phi_1^6$
158083	1944	1148	$\frac{1}{82}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1148}^2\ \Phi_{574}\ \Phi_{287}\ \Phi_{164}^4\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{28}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
158084	1944	847	$\frac{4}{121}$	$\frac{13}{121}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{847}^2\ \Phi_{121}^4\ \Phi_{77}^2\ \Phi_{11}^4\ \Phi_7^3\ \Phi_1^6$
158085	1944	140	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{140}^{16}\ \Phi_{70}^{15}\ \Phi_{35}^{15}\ \Phi_{28}^8\ \Phi_{20}^{16}\ \Phi_{14}^7\ \Phi_{10}^{14}\ \Phi_7^8\ \Phi_5^{14}\ \Phi_4^8\ \Phi_2^6\ \Phi_1^8$
158086	1944	1771	$\frac{10}{253}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1771}\ \Phi_{253}^2\ \Phi_{161}\ \Phi_{23}^2\ \Phi_7\ \Phi_1^2$
158087	1944	616	$\frac{1}{22}$	$\frac{7}{88}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{616}^3\ \Phi_{308}^3\ \Phi_{154}^2\ \Phi_{88}^6\ \Phi_{77}^2\ \Phi_{56}^3\ \Phi_{44}^6\ \Phi_{28}^3\ \Phi_{22}^4\ \Phi_{14}^2\ \Phi_{11}^4\ \Phi_8^6\ \Phi_7^3\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
158088	1944	1943	$\frac{62}{1943}$	$\frac{209}{1943}$	$\frac{289}{1943}$	$\frac{827}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158089	1944	2044	$\frac{1}{28}$	$\frac{7}{73}$	$\frac{11}{73}$	$\frac{31}{73}$	$\Phi_{2044}\ \Phi_{1022}\ \Phi_{511}\ \Phi_{292}\ \Phi_{146}$
158090	1944	2071	$\frac{1}{19}$	$\frac{7}{109}$	$\frac{17}{109}$	$\frac{46}{109}$	Φ_{2071}
158091	1944	1943	$\frac{101}{1943}$	$\frac{125}{1943}$	$\frac{307}{1943}$	$\frac{818}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158092	1944	1675	$\frac{1}{67}$	$\frac{269}{1675}$	$\frac{66}{335}$	$\frac{703}{1675}$	$\Phi_{1675}\ \Phi_{335}^2\ \Phi_{67}\ \Phi_{25}\ \Phi_5^2\ \Phi_1^2$
158093	1944	1943	$\frac{65}{1943}$	$\frac{188}{1943}$	$\frac{313}{1943}$	$\frac{815}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158094	1944	310	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{5}{31}$	$\frac{13}{31}$	$\Phi_{310}^7\ \Phi_{155}^7\ \Phi_{62}^7\ \Phi_{10}^6\ \Phi_5^6\ \Phi_2^6$
158095	1944	2275	$\frac{7}{325}$	$\frac{1}{7}$	$\frac{53}{325}$	$\frac{136}{325}$	$\Phi_{2275}\ \Phi_{455}\ \Phi_{175}\ \Phi_{91}\ \Phi_{35}$
158096	1944	67	$\frac{1}{67}$	$\frac{11}{67}$	$\frac{13}{67}$	$\frac{28}{67}$	$\Phi_{67}^{29}\ \Phi_1^{30}$
158097	1944	2596	$\frac{7}{649}$	$\frac{107}{649}$	$\frac{1}{4}$	$\frac{271}{649}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{236}\ \Phi_{118}\ \Phi_{44}\ \Phi_{22}$
158098	1944	1943	$\frac{17}{1943}$	$\frac{321}{1943}$	$\frac{566}{1943}$	$\frac{811}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158099	1944	417	$\frac{1}{139}$	$\frac{23}{139}$	$\frac{1}{3}$	$\frac{58}{139}$	$\Phi_{417}^7\ \Phi_3^6$
158100	1944	1943	$\frac{14}{1943}$	$\frac{325}{1943}$	$\frac{643}{1943}$	$\frac{809}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158101	1944	2445	$\frac{1}{163}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{2445}\ \Phi_{489}^2$
158102	1944	1615	$\frac{2}{323}$	$\frac{1}{5}$	$\frac{107}{323}$	$\frac{2}{5}$	$\Phi_{1615}\ \Phi_{323}^2\ \Phi_{95}\ \Phi_{85}\ \Phi_{19}^2\ \Phi_{17}^2\ \Phi_5^2\ \Phi_1^4$
158103	1944	2180	$\frac{1}{109}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{2180}\ \Phi_{1090}\ \Phi_{436}^2\ \Phi_{218}^2$
158104	1944	1615	$\frac{3}{323}$	$\frac{1}{5}$	$\frac{80}{323}$	$\frac{2}{5}$	$\Phi_{1615}\ \Phi_{323}^2\ \Phi_{95}\ \Phi_{85}\ \Phi_{19}^2\ \Phi_{17}^2\ \Phi_5^2\ \Phi_1^4$
158105	1944	410	$\frac{1}{82}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{410}^5\ \Phi_{205}^5\ \Phi_{82}^4\ \Phi_{41}^4\ \Phi_{10}^5\ \Phi_2^4$
158106	1944	1615	$\frac{5}{323}$	$\frac{53}{323}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1615}\ \Phi_{323}^2\ \Phi_{95}\ \Phi_{85}\ \Phi_{19}^2\ \Phi_{17}^2\ \Phi_5^2\ \Phi_1^4$
158107	1944	385	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{385}^6\ \Phi_{77}^6\ \Phi_{35}^5\ \Phi_7^4$
158108	1944	1615	$\frac{8}{323}$	$\frac{35}{323}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1615}\ \Phi_{323}^2\ \Phi_{95}\ \Phi_{85}\ \Phi_{19}^2\ \Phi_{17}^2\ \Phi_5^2\ \Phi_1^4$
158109	1944	370	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{370}^6\ \Phi_{185}^5\ \Phi_{74}^6\ \Phi_{37}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
158110	1944	1615	$\frac{11}{323}$	$\frac{26}{323}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1615}\ \Phi_{323}^2\ \Phi_{95}\ \Phi_{85}\ \Phi_{19}^2\ \Phi_{17}^2\ \Phi_5^2\ \Phi_1^4$
158111	1944	1820	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}^2\ \Phi_{260}\ \Phi_{182}^2\ \Phi_{130}\ \Phi_{91}^2\ \Phi_{52}^2\ \Phi_{26}^2$
158112	1944	85	$\frac{4}{85}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{85}^{23}\ \Phi_{17}^{22}\ \Phi_5^{24}\ \Phi_1^{24}$
158113	1944	95	$\frac{1}{19}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{95}^{17}\ \Phi_{19}^{34}\ \Phi_5^{18}\ \Phi_1^{36}$
158114	1944	134	$\frac{1}{67}$	$\frac{11}{67}$	$\frac{14}{67}$	$\frac{53}{134}$	$\Phi_{134}^{24}\ \Phi_{67}^5\ \Phi_2^{24}\ \Phi_1^6$
158115	1944	1943	$\frac{11}{1943}$	$\frac{433}{1943}$	$\frac{644}{1943}$	$\frac{755}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158116	1944	1943	$\frac{44}{1943}$	$\frac{211}{1943}$	$\frac{433}{1943}$	$\frac{755}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158117	1944	1628	$\frac{1}{37}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{1628}^2\ \Phi_{407}\ \Phi_{148}^2$
158118	1944	2119	$\frac{1}{163}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{2119}
158119	1944	2044	$\frac{1}{28}$	$\frac{5}{73}$	$\frac{17}{73}$	$\frac{28}{73}$	$\Phi_{2044}\ \Phi_{1022}\ \Phi_{511}\ \Phi_{292}\ \Phi_{146}$
158120	1944	29	$\frac{1}{29}$	$\frac{2}{29}$	$\frac{7}{29}$	$\frac{11}{29}$	$\Phi_{29}^{67}\ \Phi_1^{68}$
158121	1944	2170	$\frac{5}{217}$	$\frac{1}{10}$	$\frac{53}{217}$	$\frac{82}{217}$	$\Phi_{2170}\ \Phi_{1085}\ \Phi_{434}\ \Phi_{310}\ \Phi_{155}\ \Phi_{70}\ \Phi_{62}\ \Phi_{35}\ \Phi_{14}$
158122	1944	910	$\frac{1}{65}$	$\frac{1}{7}$	$\frac{16}{65}$	$\frac{49}{130}$	$\Phi_{910}^4\ \Phi_{455}\ \Phi_{182}^4\ \Phi_{91}\ \Phi_{70}^4\ \Phi_{35}\ \Phi_{14}^4$
158123	1944	1943	$\frac{19}{1943}$	$\frac{404}{1943}$	$\frac{481}{1943}$	$\frac{731}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158124	1944	2596	$\frac{5}{649}$	$\frac{161}{649}$	$\frac{1}{4}$	$\frac{244}{649}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{236}\ \Phi_{118}\ \Phi_{44}\ \Phi_{22}$
158125	1944	2336	$\frac{1}{73}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2336}\ \Phi_{1168}\ \Phi_{292}\ \Phi_{146}$
158126	1944	2232	$\frac{5}{248}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{744}\ \Phi_{558}\ \Phi_{372}\ \Phi_{279}\ \Phi_{186}\ \Phi_{93}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
158127	1944	1943	$\frac{15}{1943}$	$\frac{482}{1943}$	$\frac{487}{1943}$	$\frac{728}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158128	1944	2071	$\frac{1}{109}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	Φ_{2071}
158129	1944	1943	$\frac{23}{1943}$	$\frac{320}{1943}$	$\frac{541}{1943}$	$\frac{701}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158130	1944	2050	$\frac{1}{82}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{2050}\ \Phi_{1025}\ \Phi_{410}\ \Phi_{205}\ \Phi_{50}\ \Phi_{10}$
158131	1944	1022	$\frac{1}{73}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{1022}^3\ \Phi_{511}\ \Phi_{146}^3$
158132	1944	1943	$\frac{35}{1943}$	$\frac{212}{1943}$	$\frac{577}{1943}$	$\frac{683}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158133	1944	2035	$\frac{1}{55}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{2035}\ \Phi_{407}\ \Phi_{185}$
158134	1944	1943	$\frac{47}{1943}$	$\frac{158}{1943}$	$\frac{595}{1943}$	$\frac{674}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158135	1944	2035	$\frac{1}{37}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{2035}\ \Phi_{407}\ \Phi_{185}$
158136	1944	335	$\frac{11}{335}$	$\frac{4}{67}$	$\frac{21}{67}$	$\frac{23}{67}$	$\Phi_{335}^6\ \Phi_{67}^5\ \Phi_5^6\ \Phi_1^6$
158137	1944	493	$\frac{1}{29}$	$\frac{28}{493}$	$\frac{155}{493}$	$\frac{169}{493}$	$\Phi_{493}^4\ \Phi_{29}^3\ \Phi_{17}^4\ \Phi_1^4$
158138	1944	2044	$\frac{1}{28}$	$\frac{4}{73}$	$\frac{23}{73}$	$\frac{25}{73}$	$\Phi_{2044}\ \Phi_{1022}\ \Phi_{511}\ \Phi_{292}\ \Phi_{146}$
158139	1944	1943	$\frac{71}{1943}$	$\frac{104}{1943}$	$\frac{613}{1943}$	$\frac{665}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158140	1944	2071	$\frac{4}{109}$	$\frac{1}{19}$	$\frac{35}{109}$	$\frac{37}{109}$	Φ_{2071}
158141	1944	1943	$\frac{68}{1943}$	$\frac{107}{1943}$	$\frac{625}{1943}$	$\frac{659}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158142	1944	1943	$\frac{50}{1943}$	$\frac{143}{1943}$	$\frac{631}{1943}$	$\frac{656}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158143	1944	2119	$\frac{4}{163}$	$\frac{1}{13}$	$\frac{53}{163}$	$\frac{55}{163}$	Φ_{2119}
158144	1944	2170	$\frac{4}{217}$	$\frac{1}{10}$	$\frac{71}{217}$	$\frac{73}{217}$	$\Phi_{2170}\ \Phi_{1085}\ \Phi_{434}\ \Phi_{310}\ \Phi_{155}\ \Phi_{70}\ \Phi_{62}\ \Phi_{35}\ \Phi_{14}$
158145	1944	1943	$\frac{32}{1943}$	$\frac{215}{1943}$	$\frac{637}{1943}$	$\frac{653}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158146	1944	1098	$\frac{1}{61}$	$\frac{1}{9}$	$\frac{20}{61}$	$\frac{41}{122}$	$\Phi_{1098}^3\ \Phi_{549}\ \Phi_{366}^3\ \Phi_{183}\ \Phi_{18}^3\ \Phi_6^3$
158147	1944	2275	$\frac{4}{325}$	$\frac{1}{7}$	$\frac{107}{325}$	$\frac{109}{325}$	$\Phi_{2275}\ \Phi_{455}\ \Phi_{175}\ \Phi_{91}\ \Phi_{35}$
158148	1944	1943	$\frac{20}{1943}$	$\frac{323}{1943}$	$\frac{641}{1943}$	$\frac{651}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
158149	1944	2435	$\frac{4}{487}$	$\frac{1}{5}$	$\frac{161}{487}$	$\frac{163}{487}$	Φ_{2435}
158150	1944	1943	$\frac{14}{1943}$	$\frac{431}{1943}$	$\frac{643}{1943}$	$\frac{650}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158151	1944	2596	$\frac{4}{649}$	$\frac{1}{4}$	$\frac{215}{649}$	$\frac{217}{649}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{236}\ \Phi_{118}\ \Phi_{44}\ \Phi_{22}$
158152	1944	1943	$\frac{8}{1943}$	$\frac{645}{1943}$	$\frac{647}{1943}$	$\frac{649}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158153	1944	2919	$\frac{4}{973}$	$\frac{323}{973}$	$\frac{1}{3}$	$\frac{325}{973}$	$\Phi_{2919}\ \Phi_{417}\ \Phi_{21}$
158154	1944	732	$\frac{1}{244}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{732}^{3}\ \Phi_{366}^{3}\ \Phi_{244}^{2}\ \Phi_{183}^{3}\ \Phi_{122}^{2}\ \Phi_{61}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
158155	1944	1455	$\frac{2}{485}$	$\frac{161}{485}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1455}\ \Phi_{485}^{2}\ \Phi_{291}\ \Phi_{97}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
158156	1944	1956	$\frac{1}{163}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1956}\ \Phi_{978}\ \Phi_{652}^{2}\ \Phi_{326}^{2}$
158157	1944	735	$\frac{2}{245}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{735}^{2}\ \Phi_{245}^{4}\ \Phi_{147}^{2}\ \Phi_{105}^{2}\ \Phi_{49}^{4}\ \Phi_{35}^{4}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{7}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
158158	1944	291	$\frac{1}{97}$	$\frac{16}{97}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{291}^{5}\ \Phi_{97}^{10}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
158159	1944	1722	$\frac{1}{82}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1722}\ \Phi_{861}\ \Phi_{574}^{2}\ \Phi_{287}^{2}\ \Phi_{42}\ \Phi_{14}^{2}$
158160	1944	1455	$\frac{8}{485}$	$\frac{53}{485}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1455}\ \Phi_{485}^{2}\ \Phi_{291}\ \Phi_{97}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
158161	1944	330	$\frac{1}{55}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{330}^{5}\ \Phi_{165}^{4}\ \Phi_{110}^{10}\ \Phi_{66}^{5}\ \Phi_{55}^{8}\ \Phi_{33}^{4}\ \Phi_{30}^{4}\ \Phi_{22}^{10}\ \Phi_{15}^{3}\ \Phi_{11}^{8}\ \Phi_{10}^{8}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
158162	1944	1455	$\frac{17}{485}$	$\frac{26}{485}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1455}\ \Phi_{485}^{2}\ \Phi_{291}\ \Phi_{97}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
158163	1944	1596	$\frac{1}{28}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}^{2}\ \Phi_{399}\ \Phi_{266}^{2}\ \Phi_{228}\ \Phi_{133}^{2}\ \Phi_{114}\ \Phi_{76}^{2}\ \Phi_{38}^{2}$
158164	1944	3876	$\frac{2}{323}$	$\frac{1}{4}$	$\frac{107}{323}$	$\frac{1}{3}$	$\Phi_{3876}\ \Phi_{1938}\ \Phi_{228}\ \Phi_{204}\ \Phi_{114}\ \Phi_{102}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
158165	1944	417	$\frac{1}{139}$	$\frac{31}{139}$	$\frac{46}{139}$	$\frac{1}{3}$	$\Phi_{417}^{7}\ \Phi_{3}^{6}$
158166	1944	1815	$\frac{1}{121}$	$\frac{1}{5}$	$\frac{40}{121}$	$\frac{1}{3}$	$\Phi_{1815}^{2}\ \Phi_{165}^{2}\ \Phi_{15}^{3}$
158167	1944	2919	$\frac{10}{973}$	$\frac{163}{973}$	$\frac{321}{973}$	$\frac{1}{3}$	$\Phi_{2919}\ \Phi_{417}\ \Phi_{21}$
158168	1944	483	$\frac{2}{161}$	$\frac{1}{7}$	$\frac{53}{161}$	$\frac{1}{3}$	$\Phi_{483}^{6}\ \Phi_{69}^{6}\ \Phi_{21}^{7}\ \Phi_{3}^{6}$
158169	1944	2919	$\frac{16}{973}$	$\frac{109}{973}$	$\frac{319}{973}$	$\frac{1}{3}$	$\Phi_{2919}\ \Phi_{417}\ \Phi_{21}$
158170	1944	3210	$\frac{2}{107}$	$\frac{1}{10}$	$\frac{35}{107}$	$\frac{1}{3}$	$\Phi_{3210}\ \Phi_{1605}\ \Phi_{642}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{6}^{2}$
158171	1944	1560	$\frac{1}{40}$	$\frac{1}{13}$	$\frac{13}{40}$	$\frac{1}{3}$	$\Phi_{1560}^{2}\ \Phi_{780}^{2}\ \Phi_{390}^{2}\ \Phi_{312}^{2}\ \Phi_{195}^{2}\ \Phi_{156}^{2}\ \Phi_{78}^{2}\ \Phi_{39}^{3}$
158172	1944	2919	$\frac{25}{973}$	$\frac{73}{973}$	$\frac{316}{973}$	$\frac{1}{3}$	$\Phi_{2919}\ \Phi_{417}\ \Phi_{21}$
158173	1944	2919	$\frac{34}{973}$	$\frac{55}{973}$	$\frac{313}{973}$	$\frac{1}{3}$	$\Phi_{2919}\ \Phi_{417}\ \Phi_{21}$
158174	1944	3021	$\frac{2}{53}$	$\frac{1}{19}$	$\frac{17}{53}$	$\frac{1}{3}$	$\Phi_{3021}\ \Phi_{57}^{2}$
158175	1944	2919	$\frac{37}{973}$	$\frac{52}{973}$	$\frac{307}{973}$	$\frac{1}{3}$	$\Phi_{2919}\ \Phi_{417}\ \Phi_{21}$
158176	1944	420	$\frac{1}{28}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{420}^{7}\ \Phi_{210}^{7}\ \Phi_{105}^{6}\ \Phi_{84}^{8}\ \Phi_{60}^{7}\ \Phi_{42}^{8}\ \Phi_{30}^{7}\ \Phi_{21}^{7}\ \Phi_{15}^{6}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{6}$
158177	1944	1443	$\frac{1}{37}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{1443}^{2}\ \Phi_{111}^{3}$
158178	1944	2919	$\frac{25}{973}$	$\frac{79}{973}$	$\frac{298}{973}$	$\frac{1}{3}$	$\Phi_{2919}\ \Phi_{417}\ \Phi_{21}$
158179	1944	2919	$\frac{19}{973}$	$\frac{106}{973}$	$\frac{289}{973}$	$\frac{1}{3}$	$\Phi_{2919}\ \Phi_{417}\ \Phi_{21}$
158180	1944	2805	$\frac{1}{55}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{2805}\ \Phi_{561}\ \Phi_{255}\ \Phi_{165}^{2}\ \Phi_{33}^{2}\ \Phi_{15}^{2}$
158181	1944	987	$\frac{5}{329}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{987}^{3}\ \Phi_{141}^{3}\ \Phi_{21}$
158182	1944	2919	$\frac{13}{973}$	$\frac{160}{973}$	$\frac{271}{973}$	$\frac{1}{3}$	$\Phi_{2919}\ \Phi_{417}\ \Phi_{21}$
158183	1944	2706	$\frac{1}{82}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{2706}\ \Phi_{1353}\ \Phi_{246}^{2}\ \Phi_{123}^{2}\ \Phi_{66}\ \Phi_{6}^{2}$
158184	1944	2919	$\frac{9}{973}$	$\frac{241}{973}$	$\frac{244}{973}$	$\frac{1}{3}$	$\Phi_{2919}\ \Phi_{417}\ \Phi_{21}$
158185	1944	1308	$\frac{1}{109}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1308}^{2}\ \Phi_{654}^{2}\ \Phi_{327}^{3}$
158186	1944	3876	$\frac{3}{323}$	$\frac{80}{323}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3876}\ \Phi_{1938}\ \Phi_{228}\ \Phi_{204}\ \Phi_{114}\ \Phi_{102}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
158187	1944	2460	$\frac{1}{82}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2460}^{2}\ \Phi_{1230}\ \Phi_{615}\ \Phi_{60}\ \Phi_{15}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
158188	1944	3876	$\frac{5}{323}$	$\frac{53}{323}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3876}\ \Phi_{1938}\ \Phi_{228}\ \Phi_{204}\ \Phi_{114}\ \Phi_{102}\ \Phi_{12}^2\ \Phi_{6}^2$
158189	1944	4620	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{4620}\ \Phi_{2310}\ \Phi_{924}\ \Phi_{462}\ \Phi_{420}\ \Phi_{210}$
158190	1944	3876	$\frac{8}{323}$	$\frac{35}{323}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3876}\ \Phi_{1938}\ \Phi_{228}\ \Phi_{204}\ \Phi_{114}\ \Phi_{102}\ \Phi_{12}^2\ \Phi_{6}^2$
158191	1944	2220	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2220}^2\ \Phi_{1110}\ \Phi_{555}\ \Phi_{444}\ \Phi_{111}$
158192	1944	3876	$\frac{11}{323}$	$\frac{26}{323}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3876}\ \Phi_{1938}\ \Phi_{228}\ \Phi_{204}\ \Phi_{114}\ \Phi_{102}\ \Phi_{12}^2\ \Phi_{6}^2$
158193	1944	1092	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}^3\ \Phi_{546}^3\ \Phi_{273}^3\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{39}^3$
158194	1944	1020	$\frac{4}{85}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^4\ \Phi_{510}^4\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{60}^4\ \Phi_{30}^4\ \Phi_{12}^4\ \Phi_{6}^4$
158195	1944	228	$\frac{1}{19}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{228}^{17}\ \Phi_{114}^{17}\ \Phi_{12}^{18}\ \Phi_{6}^{18}$
158196	1944	966	$\frac{3}{161}$	$\frac{1}{7}$	$\frac{79}{322}$	$\frac{1}{3}$	$\Phi_{966}^4\ \Phi_{483}^2\ \Phi_{138}^4\ \Phi_{69}^2\ \Phi_{42}^4\ \Phi_{21}^3\ \Phi_{6}^4\ \Phi_{3}^2$
158197	1944	834	$\frac{3}{139}$	$\frac{35}{278}$	$\frac{34}{139}$	$\frac{1}{3}$	$\Phi_{834}^4\ \Phi_{417}^3\ \Phi_{6}^4\ \Phi_{3}^2$
158198	1944	3210	$\frac{3}{107}$	$\frac{1}{10}$	$\frac{26}{107}$	$\frac{1}{3}$	$\Phi_{3210}\ \Phi_{1605}\ \Phi_{642}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
158199	1944	2919	$\frac{33}{973}$	$\frac{82}{973}$	$\frac{235}{973}$	$\frac{1}{3}$	$\Phi_{2919}\ \Phi_{417}\ \Phi_{21}$
158200	1944	420	$\frac{1}{28}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{420}^7\ \Phi_{210}^7\ \Phi_{105}^6\ \Phi_{84}^8\ \Phi_{60}^7\ \Phi_{42}^8\ \Phi_{30}^7\ \Phi_{21}^7\ \Phi_{15}^6\ \Phi_{12}^8\ \Phi_{6}^8\ \Phi_{3}^6$
158201	1944	417	$\frac{4}{139}$	$\frac{15}{139}$	$\frac{31}{139}$	$\frac{1}{3}$	$\Phi_{417}^7\ \Phi_{3}^6$
158202	1944	1815	$\frac{4}{121}$	$\frac{13}{121}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1815}^2\ \Phi_{165}^2\ \Phi_{15}^3$
158203	1944	420	$\frac{1}{28}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{420}^7\ \Phi_{210}^7\ \Phi_{105}^7\ \Phi_{84}^8\ \Phi_{60}^7\ \Phi_{42}^8\ \Phi_{30}^3\ \Phi_{21}^8\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_{6}^4\ \Phi_{3}^4$
158204	1944	3795	$\frac{10}{253}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3795}\ \Phi_{345}\ \Phi_{15}$
158205	1944	1320	$\frac{1}{22}$	$\frac{7}{88}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1320}^3\ \Phi_{660}^3\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{120}^3\ \Phi_{60}^3\ \Phi_{30}^2\ \Phi_{15}^3$
158206	1944	3315	$\frac{4}{85}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3315}\ \Phi_{663}\ \Phi_{39}$
158207	1944	3900	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{19}{100}$	$\frac{1}{3}$	$\Phi_{3900}\ \Phi_{1950}\ \Phi_{975}\ \Phi_{39}$
158208	1944	483	$\frac{5}{161}$	$\frac{1}{7}$	$\frac{26}{161}$	$\frac{1}{3}$	$\Phi_{483}^6\ \Phi_{69}^6\ \Phi_{21}^7\ \Phi_{3}^6$
158209	1944	2919	$\frac{31}{973}$	$\frac{136}{973}$	$\frac{157}{973}$	$\frac{1}{3}$	$\Phi_{2919}\ \Phi_{417}\ \Phi_{21}$
158210	1944	3210	$\frac{5}{107}$	$\frac{1}{10}$	$\frac{17}{107}$	$\frac{1}{3}$	$\Phi_{3210}\ \Phi_{1605}\ \Phi_{642}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
158211	1944	417	$\frac{7}{139}$	$\frac{13}{139}$	$\frac{22}{139}$	$\frac{1}{3}$	$\Phi_{417}^7\ \Phi_{3}^6$
158212	1944	1248	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{5}{32}$	$\frac{1}{3}$	$\Phi_{1248}^3\ \Phi_{624}^2\ \Phi_{312}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{39}^3$
158213	1944	3021	$\frac{1}{19}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{3}$	$\Phi_{3021}\ \Phi_{57}^2$
158214	1944	2919	$\frac{46}{973}$	$\frac{103}{973}$	$\frac{145}{973}$	$\frac{1}{3}$	$\Phi_{2919}\ \Phi_{417}\ \Phi_{21}$
158215	1944	84	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{84}^{36}\ \Phi_{42}^{36}\ \Phi_{21}^{31}\ \Phi_{12}^{36}\ \Phi_{6}^{36}\ \Phi_{3}^{30}$
158216	1944	3381	$\frac{6}{161}$	$\frac{155}{1127}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{3381}\ \Phi_{147}\ \Phi_{21}$
158217	1944	1932	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1932}^2\ \Phi_{966}^2\ \Phi_{483}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{21}^2$
158218	1944	483	$\frac{8}{161}$	$\frac{17}{161}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{483}^6\ \Phi_{69}^6\ \Phi_{21}^7\ \Phi_{3}^6$
158219	1944	3990	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{3990}\ \Phi_{1995}\ \Phi_{798}$
158220	1944	3432	$\frac{1}{13}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{3432}\ \Phi_{1716}\ \Phi_{858}\ \Phi_{429}\ \Phi_{39}$
158221	1944	3210	$\frac{8}{107}$	$\frac{1}{10}$	$\frac{11}{107}$	$\frac{1}{3}$	$\Phi_{3210}\ \Phi_{1605}\ \Phi_{642}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
158222	1944	2919	$\frac{73}{973}$	$\frac{97}{973}$	$\frac{100}{973}$	$\frac{1}{3}$	$\Phi_{2919}\ \Phi_{417}\ \Phi_{21}$
158223	1944	390	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{3}$	$\Phi_{390}^8\ \Phi_{195}^8\ \Phi_{78}^8\ \Phi_{39}^9$
158224	1944	860	$\frac{2}{215}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{71}{215}$	$\Phi_{860}^2\ \Phi_{430}^2\ \Phi_{215}^3\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{43}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
158225	1944	1943	$\frac{20}{1943}$	$\frac{434}{1943}$	$\frac{503}{1943}$	$\frac{641}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^2$
158226	1944	2596	$\frac{7}{649}$	$\frac{145}{649}$	$\frac{1}{4}$	$\frac{214}{649}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{236}\ \Phi_{118}\ \Phi_{44}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
158227	1944	1771	$\frac{2}{161}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{53}{161}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{161}^2\ \Phi_{77}\ \Phi_{23}^2\ \Phi_{11}^2\ \Phi_7^2\ \Phi_1^4$
158228	1944	3220	$\frac{2}{161}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{53}{161}$	$\Phi_{3220}\ \Phi_{1610}\ \Phi_{460}\ \Phi_{230}\ \Phi_{140}\ \Phi_{70}\ \Phi_{20}^2\ \Phi_{10}^2$
158229	1944	1943	$\frac{26}{1943}$	$\frac{326}{1943}$	$\frac{539}{1943}$	$\frac{639}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158230	1944	2435	$\frac{7}{487}$	$\frac{1}{5}$	$\frac{109}{487}$	$\frac{160}{487}$	Φ_{2435}
158231	1944	67	$\frac{1}{67}$	$\frac{13}{67}$	$\frac{15}{67}$	$\frac{22}{67}$	$\Phi_{67}^{29}\ \Phi_1^{30}$
158232	1944	2596	$\frac{10}{649}$	$\frac{109}{649}$	$\frac{1}{4}$	$\frac{213}{649}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{236}\ \Phi_{118}\ \Phi_{44}\ \Phi_{22}$
158233	1944	1819	$\frac{2}{107}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{35}{107}$	$\Phi_{1819}\ \Phi_{107}^2\ \Phi_{17}^2\ \Phi_1^4$
158234	1944	2996	$\frac{2}{107}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{35}{107}$	$\Phi_{2996}\ \Phi_{1498}\ \Phi_{28}^2\ \Phi_{14}^2$
158235	1944	1943	$\frac{38}{1943}$	$\frac{218}{1943}$	$\frac{575}{1943}$	$\frac{635}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158236	1944	2275	$\frac{7}{325}$	$\frac{1}{7}$	$\frac{73}{325}$	$\frac{106}{325}$	$\Phi_{2275}\ \Phi_{455}\ \Phi_{175}\ \Phi_{91}\ \Phi_{35}$
158237	1944	1943	$\frac{47}{1943}$	$\frac{251}{1943}$	$\frac{437}{1943}$	$\frac{632}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158238	1944	2596	$\frac{16}{649}$	$\frac{73}{649}$	$\frac{1}{4}$	$\frac{211}{649}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{236}\ \Phi_{118}\ \Phi_{44}\ \Phi_{22}$
158239	1944	920	$\frac{1}{40}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{13}{40}$	$\Phi_{920}^2\ \Phi_{460}^2\ \Phi_{230}^2\ \Phi_{184}^2\ \Phi_{115}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{40}^4\ \Phi_{23}^3\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
158240	1944	360	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{13}{40}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^6\ \Phi_{90}^6\ \Phi_{72}^6\ \Phi_{60}^6\ \Phi_{45}^6\ \Phi_{36}^7\ \Phi_{30}^6\ \Phi_{24}^6\ \Phi_{18}^7\ \Phi_{15}^6\ \Phi_{12}^7\ \Phi_9^6\ \Phi_6^7\ \Phi_3^6$
158241	1944	920	$\frac{1}{40}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{13}{40}$	$\Phi_{920}^2\ \Phi_{460}^2\ \Phi_{230}^2\ \Phi_{184}^2\ \Phi_{115}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{40}^4\ \Phi_{23}^3\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
158242	1944	280	$\frac{1}{40}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{13}{40}$	$\Phi_{280}^8\ \Phi_{140}^8\ \Phi_{70}^8\ \Phi_{56}^8\ \Phi_{35}^9\ \Phi_{28}^8\ \Phi_{14}^8\ \Phi_7^8$
158243	1944	1943	$\frac{50}{1943}$	$\frac{164}{1943}$	$\frac{593}{1943}$	$\frac{631}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158244	1944	923	$\frac{2}{71}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{23}{71}$	$\Phi_{923}^2\ \Phi_{71}^3\ \Phi_{13}^4\ \Phi_1^6$
158245	1944	1420	$\frac{2}{71}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{23}{71}$	$\Phi_{1420}^2\ \Phi_{710}\ \Phi_{355}\ \Phi_{284}\ \Phi_{71}\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
158246	1944	2196	$\frac{7}{244}$	$\frac{1}{9}$	$\frac{55}{244}$	$\frac{79}{244}$	$\Phi_{2196}\ \Phi_{1098}\ \Phi_{732}\ \Phi_{549}\ \Phi_{366}\ \Phi_{183}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
158247	1944	1943	$\frac{56}{1943}$	$\frac{146}{1943}$	$\frac{599}{1943}$	$\frac{629}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158248	1944	1943	$\frac{56}{1943}$	$\frac{219}{1943}$	$\frac{431}{1943}$	$\frac{629}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158249	1944	455	$\frac{2}{65}$	$\frac{1}{7}$	$\frac{11}{65}$	$\frac{21}{65}$	$\Phi_{455}^5\ \Phi_{91}^5\ \Phi_{35}^5\ \Phi_7^4$
158250	1944	319	$\frac{10}{319}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{103}{319}$	$\Phi_{319}^6\ \Phi_{29}^7\ \Phi_{11}^6\ \Phi_1^8$
158251	1944	1276	$\frac{10}{319}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{103}{319}$	$\Phi_{1276}^2\ \Phi_{638}^2\ \Phi_{116}^2\ \Phi_{58}^2\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_4^2\ \Phi_2^2$
158252	1944	1943	$\frac{62}{1943}$	$\frac{269}{1943}$	$\frac{329}{1943}$	$\frac{627}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158253	1944	310	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{7}{31}$	$\frac{10}{31}$	$\Phi_{310}^7\ \Phi_{155}^7\ \Phi_{62}^7\ \Phi_{10}^6\ \Phi_5^6\ \Phi_2^6$
158254	1944	2435	$\frac{16}{487}$	$\frac{55}{487}$	$\frac{1}{5}$	$\frac{157}{487}$	Φ_{2435}
158255	1944	1943	$\frac{65}{1943}$	$\frac{188}{1943}$	$\frac{439}{1943}$	$\frac{626}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158256	1944	236	$\frac{2}{59}$	$\frac{5}{59}$	$\frac{1}{4}$	$\frac{19}{59}$	$\Phi_{236}^{11}\ \Phi_{118}^{11}\ \Phi_4^{10}\ \Phi_2^{10}$
158257	1944	1855	$\frac{2}{53}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{17}{53}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{265}\ \Phi_{53}^2\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
158258	1944	2756	$\frac{2}{53}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{17}{53}$	$\Phi_{2756}\ \Phi_{1378}\ \Phi_{52}^2\ \Phi_{26}^2$
158259	1944	1855	$\frac{2}{53}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{17}{53}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{265}\ \Phi_{53}^2\ \Phi_{35}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
158260	1944	530	$\frac{2}{53}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{17}{53}$	$\Phi_{530}^4\ \Phi_{265}^3\ \Phi_{106}^4\ \Phi_{53}^4\ \Phi_{10}^8\ \Phi_5^6\ \Phi_2^8\ \Phi_1^8$
158261	1944	371	$\frac{2}{53}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{17}{53}$	$\Phi_{371}^5\ \Phi_{53}^6\ \Phi_7^{10}\ \Phi_1^{12}$
158262	1944	1943	$\frac{74}{1943}$	$\frac{110}{1943}$	$\frac{611}{1943}$	$\frac{623}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158263	1944	1943	$\frac{74}{1943}$	$\frac{167}{1943}$	$\frac{440}{1943}$	$\frac{623}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158264	1944	2596	$\frac{25}{649}$	$\frac{49}{649}$	$\frac{1}{4}$	$\frac{208}{649}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{236}\ \Phi_{118}\ \Phi_{44}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
158265	1944	875	$\frac{1}{25}$	$\frac{17}{125}$	$\frac{1}{7}$	$\frac{8}{25}$	$\Phi_{875}^{3}\ \Phi_{175}\ \Phi_{35}$
158266	1944	1943	$\frac{83}{1943}$	$\frac{147}{1943}$	$\frac{449}{1943}$	$\frac{620}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158267	1944	2119	$\frac{7}{163}$	$\frac{1}{13}$	$\frac{37}{163}$	$\frac{52}{163}$	Φ_{2119}
158268	1944	2170	$\frac{10}{217}$	$\frac{1}{10}$	$\frac{37}{217}$	$\frac{69}{217}$	$\Phi_{2170}\ \Phi_{1085}\ \Phi_{434}\ \Phi_{310}\ \Phi_{155}\ \Phi_{70}\ \Phi_{62}\ \Phi_{35}\ \Phi_{14}$
158269	1944	1943	$\frac{92}{1943}$	$\frac{221}{1943}$	$\frac{287}{1943}$	$\frac{617}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158270	1944	2275	$\frac{16}{325}$	$\frac{37}{325}$	$\frac{1}{7}$	$\frac{103}{325}$	$\Phi_{2275}\ \Phi_{455}\ \Phi_{175}\ \Phi_{91}\ \Phi_{35}$
158271	1944	1943	$\frac{98}{1943}$	$\frac{179}{1943}$	$\frac{332}{1943}$	$\frac{615}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158272	1944	2435	$\frac{25}{487}$	$\frac{37}{487}$	$\frac{1}{5}$	$\frac{154}{487}$	Φ_{2435}
158273	1944	1943	$\frac{101}{1943}$	$\frac{125}{1943}$	$\frac{443}{1943}$	$\frac{614}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158274	1944	2596	$\frac{34}{649}$	$\frac{37}{649}$	$\frac{1}{4}$	$\frac{205}{649}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{236}\ \Phi_{118}\ \Phi_{44}\ \Phi_{22}$
158275	1944	2660	$\frac{1}{19}$	$\frac{2}{35}$	$\frac{1}{4}$	$\frac{11}{35}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{532}\ \Phi_{380}\ \Phi_{266}\ \Phi_{190}\ \Phi_{76}^{2}\ \Phi_{38}^{2}$
158276	1944	1855	$\frac{2}{35}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{11}{35}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{265}\ \Phi_{53}^{2}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
158277	1944	70	$\frac{2}{35}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{11}{35}$	$\Phi_{70}^{31}\ \Phi_{35}^{25}\ \Phi_{14}^{31}\ \Phi_{10}^{30}\ \Phi_{7}^{24}\ \Phi_{5}^{24}\ \Phi_{2}^{30}\ \Phi_{1}^{24}$
158278	1944	2071	$\frac{1}{19}$	$\frac{7}{109}$	$\frac{25}{109}$	$\frac{34}{109}$	Φ_{2071}
158279	1944	29	$\frac{2}{29}$	$\frac{2}{29}$	$\frac{5}{29}$	$\frac{9}{29}$	$\Phi_{29}^{67}\ \Phi_{1}^{68}$
158280	1944	1943	$\frac{137}{1943}$	$\frac{149}{1943}$	$\frac{299}{1943}$	$\frac{602}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158281	1944	2170	$\frac{16}{217}$	$\frac{1}{10}$	$\frac{25}{217}$	$\frac{67}{217}$	$\Phi_{2170}\ \Phi_{1085}\ \Phi_{434}\ \Phi_{310}\ \Phi_{155}\ \Phi_{70}\ \Phi_{62}\ \Phi_{35}\ \Phi_{14}$
158282	1944	1943	$\frac{146}{1943}$	$\frac{191}{1943}$	$\frac{224}{1943}$	$\frac{599}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158283	1944	1300	$\frac{1}{25}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{1300}^{2}\ \Phi_{650}^{2}\ \Phi_{260}^{2}\ \Phi_{130}^{2}\ \Phi_{100}^{3}\ \Phi_{50}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}$
158284	1944	923	$\frac{3}{71}$	$\frac{1}{13}$	$\frac{17}{71}$	$\frac{4}{13}$	$\Phi_{923}^{2}\ \Phi_{71}^{3}\ \Phi_{13}^{4}\ \Phi_{1}^{6}$
158285	1944	1235	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{4}{13}$	$\Phi_{1235}^{2}\ \Phi_{95}^{3}$
158286	1944	923	$\frac{5}{71}$	$\frac{1}{13}$	$\frac{11}{71}$	$\frac{4}{13}$	$\Phi_{923}^{2}\ \Phi_{71}^{3}\ \Phi_{13}^{4}\ \Phi_{1}^{6}$
158287	1944	91	$\frac{1}{13}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{4}{13}$	$\Phi_{91}^{25}\ \Phi_{7}^{24}$
158288	1944	923	$\frac{1}{13}$	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{4}{13}$	$\Phi_{923}^{2}\ \Phi_{71}^{3}\ \Phi_{13}^{4}\ \Phi_{1}^{6}$
158289	1944	1170	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{13}$	$\Phi_{1170}^{2}\ \Phi_{585}^{2}\ \Phi_{390}^{2}\ \Phi_{234}^{2}\ \Phi_{195}^{2}\ \Phi_{90}^{3}\ \Phi_{78}^{2}\ \Phi_{45}^{3}\ \Phi_{30}^{3}\ \Phi_{18}^{3}\ \Phi_{15}^{3}\ \Phi_{6}^{3}$
158290	1944	1943	$\frac{83}{1943}$	$\frac{155}{1943}$	$\frac{449}{1943}$	$\frac{596}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158291	1944	2596	$\frac{25}{649}$	$\frac{52}{649}$	$\frac{1}{4}$	$\frac{199}{649}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{236}\ \Phi_{118}\ \Phi_{44}\ \Phi_{22}$
158292	1944	1943	$\frac{75}{1943}$	$\frac{164}{1943}$	$\frac{467}{1943}$	$\frac{593}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158293	1944	2050	$\frac{1}{25}$	$\frac{7}{82}$	$\frac{19}{82}$	$\frac{25}{82}$	$\Phi_{2050}\ \Phi_{1025}\ \Phi_{410}\ \Phi_{205}\ \Phi_{50}\ \Phi_{10}$
158294	1944	644	$\frac{1}{28}$	$\frac{2}{23}$	$\frac{1}{4}$	$\frac{7}{23}$	$\Phi_{644}^{3}\ \Phi_{322}^{3}\ \Phi_{161}^{3}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{28}^{6}\ \Phi_{23}^{3}\ \Phi_{14}^{6}\ \Phi_{7}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
158295	1944	1955	$\frac{4}{85}$	$\frac{2}{23}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{1955}\ \Phi_{391}\ \Phi_{85}^{2}\ \Phi_{23}\ \Phi_{17}^{2}\ \Phi_{1}^{2}$
158296	1944	2300	$\frac{1}{20}$	$\frac{2}{23}$	$\frac{19}{100}$	$\frac{7}{23}$	$\Phi_{2300}\ \Phi_{1150}\ \Phi_{575}\ \Phi_{100}^{2}\ \Phi_{50}^{2}\ \Phi_{25}^{2}\ \Phi_{23}\ \Phi_{1}^{2}$
158297	1944	736	$\frac{1}{16}$	$\frac{2}{23}$	$\frac{5}{32}$	$\frac{7}{23}$	$\Phi_{736}^{3}\ \Phi_{368}^{2}\ \Phi_{184}^{2}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{32}^{6}\ \Phi_{23}^{3}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
158298	1944	2024	$\frac{7}{88}$	$\frac{2}{23}$	$\frac{1}{8}$	$\frac{7}{23}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{253}\ \Phi_{88}^{2}\ \Phi_{44}^{2}\ \Phi_{23}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
158299	1944	230	$\frac{2}{23}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{7}{23}$	$\Phi_{230}^{8}\ \Phi_{115}^{8}\ \Phi_{46}^{8}\ \Phi_{23}^{9}\ \Phi_{10}^{16}\ \Phi_{5}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
158300	1944	2071	$\frac{1}{19}$	$\frac{10}{109}$	$\frac{19}{109}$	$\frac{33}{109}$	Φ_{2071}
158301	1944	1943	$\frac{113}{1943}$	$\frac{182}{1943}$	$\frac{305}{1943}$	$\frac{587}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158302	1944	116	$\frac{1}{29}$	$\frac{11}{116}$	$\frac{7}{29}$	$\frac{35}{116}$	$\Phi_{116}^{16}\ \Phi_{58}^{16}\ \Phi_{29}^{19}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{20}$
158303	1944	2044	$\frac{1}{28}$	$\frac{7}{73}$	$\frac{17}{73}$	$\frac{22}{73}$	$\Phi_{2044}\ \Phi_{1022}\ \Phi_{511}\ \Phi_{292}\ \Phi_{146}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
158304	1944	2119	$\frac{1}{13}$	$\frac{16}{163}$	$\frac{19}{163}$	$\frac{49}{163}$	Φ_{2119}
158305	1944	1943	$\frac{151}{1943}$	$\frac{191}{1943}$	$\frac{224}{1943}$	$\frac{584}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158306	1944	1943	$\frac{170}{1943}$	$\frac{194}{1943}$	$\frac{197}{1943}$	$\frac{583}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158307	1944	2170	$\frac{19}{217}$	$\frac{1}{10}$	$\frac{22}{217}$	$\frac{65}{217}$	$\Phi_{2170}\ \Phi_{1085}\ \Phi_{434}\ \Phi_{310}\ \Phi_{155}\ \Phi_{70}\ \Phi_{62}\ \Phi_{35}\ \Phi_{14}$
158308	1944	2196	$\frac{19}{244}$	$\frac{25}{244}$	$\frac{1}{9}$	$\frac{73}{244}$	$\Phi_{2196}\ \Phi_{1098}\ \Phi_{732}\ \Phi_{549}\ \Phi_{366}\ \Phi_{183}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
158309	1944	1943	$\frac{143}{1943}$	$\frac{200}{1943}$	$\frac{227}{1943}$	$\frac{581}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158310	1944	2275	$\frac{19}{325}$	$\frac{34}{325}$	$\frac{1}{7}$	$\frac{97}{325}$	$\Phi_{2275}\ \Phi_{455}\ \Phi_{175}\ \Phi_{91}\ \Phi_{35}$
158311	1944	1943	$\frac{89}{1943}$	$\frac{206}{1943}$	$\frac{341}{1943}$	$\frac{579}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158312	1944	2435	$\frac{19}{487}$	$\frac{52}{487}$	$\frac{1}{5}$	$\frac{145}{487}$	Φ_{2435}
158313	1944	1943	$\frac{62}{1943}$	$\frac{209}{1943}$	$\frac{455}{1943}$	$\frac{578}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158314	1944	2596	$\frac{19}{649}$	$\frac{70}{649}$	$\frac{1}{4}$	$\frac{193}{649}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{236}\ \Phi_{118}\ \Phi_{44}\ \Phi_{22}$
158315	1944	1943	$\frac{152}{1943}$	$\frac{199}{1943}$	$\frac{218}{1943}$	$\frac{575}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158316	1944	2170	$\frac{17}{217}$	$\frac{1}{10}$	$\frac{25}{217}$	$\frac{64}{217}$	$\Phi_{2170}\ \Phi_{1085}\ \Phi_{434}\ \Phi_{310}\ \Phi_{155}\ \Phi_{70}\ \Phi_{62}\ \Phi_{35}\ \Phi_{14}$
158317	1944	2516	$\frac{1}{37}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{2516}\ \Phi_{1258}\ \Phi_{148}^{2}\ \Phi_{74}^{2}$
158318	1944	1819	$\frac{3}{107}$	$\frac{2}{17}$	$\frac{26}{107}$	$\frac{5}{17}$	$\Phi_{1819}\ \Phi_{107}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
158319	1944	2380	$\frac{1}{28}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{595}\ \Phi_{340}\ \Phi_{170}\ \Phi_{140}^{2}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
158320	1944	1819	$\frac{5}{107}$	$\frac{2}{17}$	$\frac{17}{107}$	$\frac{5}{17}$	$\Phi_{1819}\ \Phi_{107}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
158321	1944	2261	$\frac{1}{19}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{5}{17}$	$\Phi_{2261}\ \Phi_{133}^{2}$
158322	1944	1819	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{1819}\ \Phi_{107}^{2}\ \Phi_{17}^{2}\ \Phi_{1}^{4}$
158323	1944	2210	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{2210}\ \Phi_{1105}\ \Phi_{442}\ \Phi_{130}^{2}\ \Phi_{65}^{2}\ \Phi_{26}^{2}$
158324	1944	1943	$\frac{55}{1943}$	$\frac{236}{1943}$	$\frac{458}{1943}$	$\frac{569}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158325	1944	2596	$\frac{17}{649}$	$\frac{79}{649}$	$\frac{1}{4}$	$\frac{190}{649}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{236}\ \Phi_{118}\ \Phi_{44}\ \Phi_{22}$
158326	1944	1943	$\frac{51}{1943}$	$\frac{245}{1943}$	$\frac{473}{1943}$	$\frac{566}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158327	1944	2035	$\frac{1}{37}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{2035}\ \Phi_{407}\ \Phi_{185}$
158328	1944	203	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{26}{203}$	$\frac{59}{203}$	$\Phi_{203}^{9}\ \Phi_{29}^{13}\ \Phi_{7}^{9}\ \Phi_{1}^{14}$
158329	1944	2044	$\frac{1}{28}$	$\frac{10}{73}$	$\frac{13}{73}$	$\frac{21}{73}$	$\Phi_{2044}\ \Phi_{1022}\ \Phi_{511}\ \Phi_{292}\ \Phi_{146}$
158330	1944	1943	$\frac{77}{1943}$	$\frac{272}{1943}$	$\frac{311}{1943}$	$\frac{557}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158331	1944	770	$\frac{5}{77}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{770}^{3}\ \Phi_{385}^{3}\ \Phi_{154}^{3}\ \Phi_{110}^{3}\ \Phi_{70}\ \Phi_{55}^{3}\ \Phi_{35}\ \Phi_{22}^{3}\ \Phi_{14}$
158332	1944	2071	$\frac{1}{19}$	$\frac{13}{109}$	$\frac{16}{109}$	$\frac{31}{109}$	Φ_{2071}
158333	1944	67	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{10}{67}$	$\frac{19}{67}$	$\Phi_{67}^{29}\ \Phi_{1}^{30}$
158334	1944	2119	$\frac{1}{13}$	$\frac{13}{163}$	$\frac{25}{163}$	$\frac{46}{163}$	Φ_{2119}
158335	1944	1943	$\frac{149}{1943}$	$\frac{155}{1943}$	$\frac{299}{1943}$	$\frac{548}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158336	1944	2170	$\frac{13}{217}$	$\frac{1}{10}$	$\frac{34}{217}$	$\frac{61}{217}$	$\Phi_{2170}\ \Phi_{1085}\ \Phi_{434}\ \Phi_{310}\ \Phi_{155}\ \Phi_{70}\ \Phi_{62}\ \Phi_{35}\ \Phi_{14}$
158337	1944	1943	$\frac{95}{1943}$	$\frac{233}{1943}$	$\frac{308}{1943}$	$\frac{545}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158338	1944	925	$\frac{1}{37}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{925}^{2}\ \Phi_{185}^{3}\ \Phi_{37}^{2}$
158339	1944	175	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{7}{25}$	$\Phi_{175}^{13}\ \Phi_{35}^{13}\ \Phi_{7}^{12}$
158340	1944	1943	$\frac{59}{1943}$	$\frac{314}{1943}$	$\frac{350}{1943}$	$\frac{543}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158341	1944	2435	$\frac{13}{487}$	$\frac{79}{487}$	$\frac{1}{5}$	$\frac{136}{487}$	Φ_{2435}
158342	1944	1943	$\frac{41}{1943}$	$\frac{317}{1943}$	$\frac{467}{1943}$	$\frac{542}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
158343	1944	2596	$\frac{13}{649}$	$\frac{106}{649}$	$\frac{1}{4}$	$\frac{181}{649}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{236}\ \Phi_{118}\ \Phi_{44}\ \Phi_{22}$
158344	1944	220	$\frac{1}{55}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{220}^{12}\ \Phi_{110}^{12}\ \Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_{20}^{12}\ \Phi_{10}^{12}\ \Phi_{4}^{10}\ \Phi_{2}^{10}$
158345	1944	1771	$\frac{5}{161}$	$\frac{26}{161}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{161}^{2}\ \Phi_{77}\ \Phi_{23}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
158346	1944	308	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{308}^{6}\ \Phi_{154}^{6}\ \Phi_{77}^{5}\ \Phi_{44}^{6}\ \Phi_{28}^{12}\ \Phi_{22}^{6}\ \Phi_{14}^{12}\ \Phi_{11}^{6}\ \Phi_{7}^{10}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
158347	1944	1012	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1012}^{2}\ \Phi_{506}^{2}\ \Phi_{253}\ \Phi_{92}^{4}\ \Phi_{46}^{4}\ \Phi_{44}^{2}\ \Phi_{23}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
158348	1944	1771	$\frac{8}{161}$	$\frac{17}{161}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1771}\ \Phi_{253}\ \Phi_{161}^{2}\ \Phi_{77}\ \Phi_{23}^{2}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
158349	1944	2090	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{2090}\ \Phi_{1045}\ \Phi_{418}\ \Phi_{190}^{2}\ \Phi_{95}^{2}\ \Phi_{38}^{2}$
158350	1944	2035	$\frac{1}{55}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{2035}\ \Phi_{407}\ \Phi_{185}$
158351	1944	1180	$\frac{1}{59}$	$\frac{58}{295}$	$\frac{1}{4}$	$\frac{79}{295}$	$\Phi_{1180}^{2}\ \Phi_{590}^{2}\ \Phi_{236}^{3}\ \Phi_{118}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
158352	1944	1943	$\frac{53}{1943}$	$\frac{315}{1943}$	$\frac{407}{1943}$	$\frac{512}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158353	1944	2044	$\frac{1}{28}$	$\frac{9}{73}$	$\frac{16}{73}$	$\frac{19}{73}$	$\Phi_{2044}\ \Phi_{1022}\ \Phi_{511}\ \Phi_{292}\ \Phi_{146}$
158354	1944	1943	$\frac{80}{1943}$	$\frac{207}{1943}$	$\frac{434}{1943}$	$\frac{503}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158355	1944	2071	$\frac{1}{19}$	$\frac{9}{109}$	$\frac{25}{109}$	$\frac{28}{109}$	Φ_{2071}
158356	1944	1943	$\frac{99}{1943}$	$\frac{161}{1943}$	$\frac{461}{1943}$	$\frac{494}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158357	1944	268	$\frac{3}{67}$	$\frac{25}{268}$	$\frac{16}{67}$	$\frac{17}{67}$	$\Phi_{268}^{8}\ \Phi_{134}^{8}\ \Phi_{67}^{5}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
158358	1944	2170	$\frac{9}{217}$	$\frac{1}{10}$	$\frac{52}{217}$	$\frac{55}{217}$	$\Phi_{2170}\ \Phi_{1085}\ \Phi_{434}\ \Phi_{310}\ \Phi_{155}\ \Phi_{70}\ \Phi_{62}\ \Phi_{35}\ \Phi_{14}$
158359	1944	1943	$\frac{63}{1943}$	$\frac{242}{1943}$	$\frac{470}{1943}$	$\frac{491}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158360	1944	2275	$\frac{9}{325}$	$\frac{1}{7}$	$\frac{79}{325}$	$\frac{82}{325}$	$\Phi_{2275}\ \Phi_{455}\ \Phi_{175}\ \Phi_{91}\ \Phi_{35}$
158361	1944	1943	$\frac{27}{1943}$	$\frac{479}{1943}$	$\frac{485}{1943}$	$\frac{488}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158362	1944	2596	$\frac{9}{649}$	$\frac{160}{649}$	$\frac{1}{4}$	$\frac{163}{649}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{236}\ \Phi_{118}\ \Phi_{44}\ \Phi_{22}$
158363	1944	292	$\frac{1}{73}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{292}^{7}\ \Phi_{146}^{7}\ \Phi_{73}^{6}$
158364	1944	860	$\frac{3}{215}$	$\frac{53}{215}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{860}^{2}\ \Phi_{430}^{2}\ \Phi_{215}^{3}\ \Phi_{172}^{2}\ \Phi_{86}^{2}\ \Phi_{43}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
158365	1944	220	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{220}^{8}\ \Phi_{110}^{8}\ \Phi_{55}^{12}\ \Phi_{44}^{8}\ \Phi_{22}^{8}\ \Phi_{20}^{6}\ \Phi_{11}^{12}\ \Phi_{10}^{6}\ \Phi_{5}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
158366	1944	172	$\frac{1}{43}$	$\frac{7}{43}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{172}^{10}\ \Phi_{86}^{10}\ \Phi_{43}^{15}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{18}$
158367	1944	1036	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{1036}^{2}\ \Phi_{518}^{2}\ \Phi_{259}^{3}$
158368	1944	860	$\frac{7}{215}$	$\frac{26}{215}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{860}^{2}\ \Phi_{430}^{2}\ \Phi_{215}^{3}\ \Phi_{172}^{2}\ \Phi_{86}^{2}\ \Phi_{43}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
158369	1944	252	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{252}^{9}\ \Phi_{126}^{9}\ \Phi_{84}^{9}\ \Phi_{63}^{9}\ \Phi_{42}^{9}\ \Phi_{36}^{7}\ \Phi_{21}^{9}\ \Phi_{18}^{7}\ \Phi_{12}^{7}\ \Phi_{9}^{6}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
158370	1944	860	$\frac{8}{215}$	$\frac{23}{215}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{860}^{2}\ \Phi_{430}^{2}\ \Phi_{215}^{3}\ \Phi_{172}^{2}\ \Phi_{86}^{2}\ \Phi_{43}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
158371	1944	100	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{100}^{18}\ \Phi_{50}^{23}\ \Phi_{25}^{22}\ \Phi_{20}^{14}\ \Phi_{10}^{18}\ \Phi_{5}^{17}\ \Phi_{4}^{16}\ \Phi_{2}^{20}\ \Phi_{1}^{20}$
158372	1944	860	$\frac{11}{215}$	$\frac{17}{215}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{860}^{2}\ \Phi_{430}^{2}\ \Phi_{215}^{3}\ \Phi_{172}^{2}\ \Phi_{86}^{2}\ \Phi_{43}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
158373	1944	988	$\frac{1}{19}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{988}^{2}\ \Phi_{494}^{2}\ \Phi_{247}^{3}$
158374	1944	2996	$\frac{3}{107}$	$\frac{1}{7}$	$\frac{26}{107}$	$\frac{1}{4}$	$\Phi_{2996}\ \Phi_{1498}\ \Phi_{28}^{2}\ \Phi_{14}^{2}$
158375	1944	2596	$\frac{21}{649}$	$\frac{82}{649}$	$\frac{157}{649}$	$\frac{1}{4}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{236}\ \Phi_{118}\ \Phi_{44}\ \Phi_{22}$
158376	1944	2880	$\frac{3}{80}$	$\frac{1}{9}$	$\frac{77}{320}$	$\frac{1}{4}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{960}\ \Phi_{576}\ \Phi_{480}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
158377	1944	1420	$\frac{3}{71}$	$\frac{1}{10}$	$\frac{17}{71}$	$\frac{1}{4}$	$\Phi_{1420}^{2}\ \Phi_{710}\ \Phi_{355}\ \Phi_{284}\ \Phi_{71}\ \Phi_{20}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
158378	1944	236	$\frac{3}{59}$	$\frac{5}{59}$	$\frac{14}{59}$	$\frac{1}{4}$	$\Phi_{236}^{11}\ \Phi_{118}^{11}\ \Phi_{4}^{10}\ \Phi_{2}^{10}$
158379	1944	2660	$\frac{1}{19}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{4}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{532}\ \Phi_{380}\ \Phi_{266}\ \Phi_{190}\ \Phi_{76}^{2}\ \Phi_{38}^{2}$
158380	1944	2596	$\frac{28}{649}$	$\frac{69}{649}$	$\frac{145}{649}$	$\frac{1}{4}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{236}\ \Phi_{118}\ \Phi_{44}\ \Phi_{22}$
158381	1944	644	$\frac{1}{28}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{644}^{3}\ \Phi_{322}^{3}\ \Phi_{161}^{3}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{28}^{6}\ \Phi_{23}^{3}\ \Phi_{14}^{6}\ \Phi_{7}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
158382	1944	2596	$\frac{19}{649}$	$\frac{105}{649}$	$\frac{136}{649}$	$\frac{1}{4}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{236}\ \Phi_{118}\ \Phi_{44}\ \Phi_{22}$
158383	1944	3220	$\frac{5}{161}$	$\frac{26}{161}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{3220}\ \Phi_{1610}\ \Phi_{460}\ \Phi_{230}\ \Phi_{140}\ \Phi_{70}\ \Phi_{20}^2\ \Phi_{10}^2$
158384	1944	140	$\frac{1}{28}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{140}^{17}\ \Phi_{70}^{17}\ \Phi_{35}^{18}\ \Phi_{20}^{18}\ \Phi_{10}^{18}\ \Phi_{5}^{18}$
158385	1944	460	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{460}^{5}\ \Phi_{230}^{5}\ \Phi_{115}^{6}\ \Phi_{20}^{6}\ \Phi_{10}^{6}\ \Phi_{5}^{6}$
158386	1944	3060	$\frac{4}{85}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{510}\ \Phi_{306}\ \Phi_{204}\ \Phi_{102}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
158387	1944	3220	$\frac{8}{161}$	$\frac{17}{161}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{3220}\ \Phi_{1610}\ \Phi_{460}\ \Phi_{230}\ \Phi_{140}\ \Phi_{70}\ \Phi_{20}^2\ \Phi_{10}^2$
158388	1944	380	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{380}^{7}\ \Phi_{190}^{3}\ \Phi_{95}^{4}\ \Phi_{76}^{8}\ \Phi_{38}^{4}\ \Phi_{19}^{4}$
158389	1944	900	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{19}{100}$	$\frac{1}{4}$	$\Phi_{900}^{3}\ \Phi_{450}^{3}\ \Phi_{300}^{3}\ \Phi_{225}^{3}\ \Phi_{150}^{3}\ \Phi_{75}^{3}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
158390	1944	2304	$\frac{13}{256}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
158391	1944	236	$\frac{4}{59}$	$\frac{5}{59}$	$\frac{11}{59}$	$\frac{1}{4}$	$\Phi_{236}^{11}\ \Phi_{118}^{11}\ \Phi_{4}^{10}\ \Phi_{2}^{10}$
158392	1944	308	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{4}$	$\Phi_{308}^{9}\ \Phi_{154}^{9}\ \Phi_{44}^{5}\ \Phi_{28}^{9}\ \Phi_{22}^{5}\ \Phi_{14}^{9}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
158393	1944	2996	$\frac{5}{107}$	$\frac{1}{7}$	$\frac{17}{107}$	$\frac{1}{4}$	$\Phi_{2996}\ \Phi_{1498}\ \Phi_{28}^2\ \Phi_{14}^2$
158394	1944	2596	$\frac{31}{649}$	$\frac{91}{649}$	$\frac{103}{649}$	$\frac{1}{4}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{236}\ \Phi_{118}\ \Phi_{44}\ \Phi_{22}$
158395	1944	288	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{5}{32}$	$\frac{1}{4}$	$\Phi_{288}^{9}\ \Phi_{144}^{6}\ \Phi_{96}^{9}\ \Phi_{72}^{6}\ \Phi_{48}^{6}\ \Phi_{36}^{7}\ \Phi_{24}^{6}\ \Phi_{18}^{7}\ \Phi_{12}^{7}\ \Phi_{9}^{6}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
158396	1944	1420	$\frac{5}{71}$	$\frac{1}{10}$	$\frac{11}{71}$	$\frac{1}{4}$	$\Phi_{1420}^{2}\ \Phi_{710}\ \Phi_{355}\ \Phi_{284}\ \Phi_{71}\ \Phi_{20}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
158397	1944	2596	$\frac{49}{649}$	$\frac{61}{649}$	$\frac{100}{649}$	$\frac{1}{4}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{236}\ \Phi_{118}\ \Phi_{44}\ \Phi_{22}$
158398	1944	2756	$\frac{1}{13}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{4}$	$\Phi_{2756}\ \Phi_{1378}\ \Phi_{52}^2\ \Phi_{26}^2$
158399	1944	2340	$\frac{17}{260}$	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{468}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
158400	1944	2596	$\frac{46}{649}$	$\frac{67}{649}$	$\frac{97}{649}$	$\frac{1}{4}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{236}\ \Phi_{118}\ \Phi_{44}\ \Phi_{22}$
158401	1944	532	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{532}^{5}\ \Phi_{266}^{5}\ \Phi_{76}^{6}\ \Phi_{38}^{6}$
158402	1944	2996	$\frac{8}{107}$	$\frac{11}{107}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2996}\ \Phi_{1498}\ \Phi_{28}^2\ \Phi_{14}^2$
158403	1944	1820	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{1820}^{2}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{91}$
158404	1944	2520	$\frac{3}{40}$	$\frac{1}{9}$	$\frac{37}{280}$	$\frac{1}{4}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{168}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
158405	1944	792	$\frac{7}{88}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{792}^{3}\ \Phi_{396}^{3}\ \Phi_{264}^{3}\ \Phi_{198}^{3}\ \Phi_{132}^{3}\ \Phi_{99}^{3}\ \Phi_{66}^{3}\ \Phi_{36}\ \Phi_{33}^{3}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
158406	1944	1420	$\frac{7}{71}$	$\frac{1}{10}$	$\frac{8}{71}$	$\frac{1}{4}$	$\Phi_{1420}^{2}\ \Phi_{710}\ \Phi_{355}\ \Phi_{284}\ \Phi_{71}\ \Phi_{20}^{4}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
158407	1944	2596	$\frac{64}{649}$	$\frac{65}{649}$	$\frac{73}{649}$	$\frac{1}{4}$	$\Phi_{2596}\ \Phi_{1298}\ \Phi_{236}\ \Phi_{118}\ \Phi_{44}\ \Phi_{22}$
158408	1944	180	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{4}$	$\Phi_{180}^{16}\ \Phi_{90}^{8}\ \Phi_{60}^{16}\ \Phi_{45}^{8}\ \Phi_{36}^{17}\ \Phi_{30}^{8}\ \Phi_{18}^{9}\ \Phi_{15}^{8}\ \Phi_{12}^{17}\ \Phi_{9}^{8}\ \Phi_{6}^{9}\ \Phi_{3}^{8}$
158409	1944	290	$\frac{1}{29}$	$\frac{47}{290}$	$\frac{11}{58}$	$\frac{7}{29}$	$\Phi_{290}^{8}\ \Phi_{145}^{8}\ \Phi_{29}^{3}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{1}^{4}$
158410	1944	700	$\frac{1}{25}$	$\frac{1}{7}$	$\frac{19}{100}$	$\frac{6}{25}$	$\Phi_{700}^{4}\ \Phi_{350}^{4}\ \Phi_{175}\ \Phi_{140}^{4}\ \Phi_{70}^{4}\ \Phi_{35}\ \Phi_{28}^{4}\ \Phi_{14}^{4}$
158411	1944	91	$\frac{1}{13}$	$\frac{10}{91}$	$\frac{1}{7}$	$\frac{3}{13}$	$\Phi_{91}^{21}\ \Phi_{13}^{24}\ \Phi_{7}^{20}\ \Phi_{1}^{24}$
158412	1944	1855	$\frac{3}{35}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{8}{35}$	$\Phi_{1855}\ \Phi_{371}\ \Phi_{265}\ \Phi_{53}^{2}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
158413	1944	70	$\frac{3}{35}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{8}{35}$	$\Phi_{70}^{31}\ \Phi_{35}^{25}\ \Phi_{14}^{31}\ \Phi_{10}^{30}\ \Phi_{7}^{24}\ \Phi_{5}^{24}\ \Phi_{2}^{30}\ \Phi_{1}^{24}$
158414	1944	1943	$\frac{167}{1943}$	$\frac{183}{1943}$	$\frac{296}{1943}$	$\frac{440}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158415	1944	310	$\frac{3}{31}$	$\frac{1}{10}$	$\frac{4}{31}$	$\frac{7}{31}$	$\Phi_{310}^{7}\ \Phi_{155}^{7}\ \Phi_{62}^{7}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{2}^{6}$
158416	1944	1943	$\frac{188}{1943}$	$\frac{195}{1943}$	$\frac{251}{1943}$	$\frac{437}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_{1}^{2}$
158417	1944	2275	$\frac{28}{325}$	$\frac{33}{325}$	$\frac{1}{7}$	$\frac{73}{325}$	$\Phi_{2275}\ \Phi_{455}\ \Phi_{175}\ \Phi_{91}\ \Phi_{35}$
158418	1944	67	$\frac{4}{67}$	$\frac{7}{67}$	$\frac{13}{67}$	$\frac{15}{67}$	$\Phi_{67}^{29}\ \Phi_{1}^{30}$
158419	1944	728	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{1}{7}$	$\frac{23}{104}$	$\Phi_{728}^{4}\ \Phi_{364}^{4}\ \Phi_{91}\ \Phi_{56}^{4}\ \Phi_{28}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
158420	1944	1955	$\frac{4}{85}$	$\frac{3}{23}$	$\frac{1}{5}$	$\frac{5}{23}$	$\Phi_{1955}\ \Phi_{391}\ \Phi_{85}^2\ \Phi_{23}\ \Phi_{17}^2\ \Phi_1^2$
158421	1944	2300	$\frac{1}{20}$	$\frac{3}{23}$	$\frac{19}{100}$	$\frac{5}{23}$	$\Phi_{2300}\ \Phi_{1150}\ \Phi_{575}\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{23}\ \Phi_1^2$
158422	1944	736	$\frac{1}{16}$	$\frac{3}{23}$	$\frac{5}{32}$	$\frac{5}{23}$	$\Phi_{736}^3\ \Phi_{368}^2\ \Phi_{184}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{32}^6\ \Phi_{23}^3\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
158423	1944	2024	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{3}{23}$	$\frac{5}{23}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{253}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{23}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_1^2$
158424	1944	230	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{3}{23}$	$\frac{5}{23}$	$\Phi_{230}^8\ \Phi_{115}^8\ \Phi_{46}^8\ \Phi_{23}^9\ \Phi_{10}^{16}\ \Phi_5^{16}\ \Phi_2^{16}\ \Phi_1^{18}$
158425	1944	1943	$\frac{170}{1943}$	$\frac{197}{1943}$	$\frac{291}{1943}$	$\frac{413}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158426	1944	2170	$\frac{19}{217}$	$\frac{1}{10}$	$\frac{33}{217}$	$\frac{46}{217}$	$\Phi_{2170}\ \Phi_{1085}\ \Phi_{434}\ \Phi_{310}\ \Phi_{155}\ \Phi_{70}\ \Phi_{62}\ \Phi_{35}\ \Phi_{14}$
158427	1944	595	$\frac{4}{85}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{595}^4\ \Phi_{119}^4\ \Phi_{35}$
158428	1944	700	$\frac{1}{20}$	$\frac{1}{7}$	$\frac{19}{100}$	$\frac{1}{5}$	$\Phi_{700}^4\ \Phi_{350}^4\ \Phi_{175}^4\ \Phi_{35}$
158429	1944	1120	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{5}{32}$	$\frac{1}{5}$	$\Phi_{1120}^3\ \Phi_{560}^2\ \Phi_{280}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{35}^3$
158430	1944	530	$\frac{5}{53}$	$\frac{1}{10}$	$\frac{8}{53}$	$\frac{1}{5}$	$\Phi_{530}^4\ \Phi_{265}^3\ \Phi_{106}^4\ \Phi_{53}^4\ \Phi_{10}^8\ \Phi_5^6\ \Phi_2^8\ \Phi_1^8$
158431	1944	2435	$\frac{46}{487}$	$\frac{49}{487}$	$\frac{73}{487}$	$\frac{1}{5}$	Φ_{2435}
158432	1944	3080	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{3080}\ \Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{35}$
158433	1944	70	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{70}^{32}\ \Phi_{35}^{33}\ \Phi_{14}^{32}\ \Phi_7^{32}$
158434	1944	319	$\frac{25}{319}$	$\frac{4}{29}$	$\frac{49}{319}$	$\frac{5}{29}$	$\Phi_{319}^6\ \Phi_{29}^7\ \Phi_{11}^6\ \Phi_1^8$
158435	1944	490	$\frac{1}{10}$	$\frac{29}{245}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{490}^5\ \Phi_{245}^4\ \Phi_{98}^5\ \Phi_{70}\ \Phi_{49}^4\ \Phi_{35}\ \Phi_{14}$
158436	1944	455	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{2}{13}$	$\frac{11}{65}$	$\Phi_{455}^6\ \Phi_{91}\ \Phi_{35}^6$
158437	1944	371	$\frac{5}{53}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{8}{53}$	$\Phi_{371}^5\ \Phi_{53}^6\ \Phi_7^{10}\ \Phi_1^{12}$
158438	1944	1943	$\frac{185}{1943}$	$\frac{275}{1943}$	$\frac{278}{1943}$	$\frac{293}{1943}$	$\Phi_{1943}\ \Phi_{67}\ \Phi_{29}\ \Phi_1^2$
158439	1944	2275	$\frac{31}{325}$	$\frac{46}{325}$	$\frac{1}{7}$	$\frac{49}{325}$	$\Phi_{2275}\ \Phi_{455}\ \Phi_{175}\ \Phi_{91}\ \Phi_{35}$
158440	1944	70	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\Phi_{70}^{31}\ \Phi_{35}^{31}\ \Phi_{14}^{31}\ \Phi_{10}^{30}\ \Phi_5^{30}\ \Phi_2^{30}$
158441	1945	776	$\frac{1}{388}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{387}{776}$	$\Phi_{776}\ \Phi_{388}^4\ \Phi_{194}^4\ \Phi_{97}^4\ \Phi_8^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
158442	1945	3456	$\frac{1}{216}$	$\frac{217}{1728}$	$\frac{1511}{3456}$	$\frac{215}{432}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{432}\ \Phi_{384}\ \Phi_{144}\ \Phi_{128}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
158443	1945	2592	$\frac{1}{216}$	$\frac{647}{2592}$	$\frac{217}{864}$	$\frac{215}{432}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{432}\ \Phi_{324}\ \Phi_{162}\ \Phi_{144}\ \Phi_{81}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
158444	1945	3872	$\frac{9}{1936}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1927}{3872}$	$\Phi_{3872}\ \Phi_{352}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
158445	1945	774	$\frac{2}{387}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{385}{774}$	$\Phi_{774}^2\ \Phi_{387}^3\ \Phi_{258}^2\ \Phi_{129}^3\ \Phi_{86}^2\ \Phi_{43}^3\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
158446	1945	1560	$\frac{1}{130}$	$\frac{1}{6}$	$\frac{131}{520}$	$\frac{129}{260}$	$\Phi_{1560}^2\ \Phi_{520}\ \Phi_{390}^2\ \Phi_{312}^2\ \Phi_{195}^2\ \Phi_{130}\ \Phi_{120}^2\ \Phi_{104}\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{40}\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
158447	1945	2310	$\frac{4}{385}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{381}{770}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{385}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}\ \Phi_{66}\ \Phi_{55}\ \Phi_{42}\ \Phi_{35}\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
158448	1945	2124	$\frac{2}{177}$	$\frac{179}{2124}$	$\frac{1}{3}$	$\frac{175}{354}$	$\Phi_{2124}\ \Phi_{1062}\ \Phi_{708}\ \Phi_{531}\ \Phi_{236}\ \Phi_{177}\ \Phi_{59}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
158449	1945	468	$\frac{1}{78}$	$\frac{1}{6}$	$\frac{79}{468}$	$\frac{77}{156}$	$\Phi_{468}^5\ \Phi_{234}^5\ \Phi_{117}^5\ \Phi_{78}^5\ \Phi_{39}^5\ \Phi_{36}^5\ \Phi_{26}^5\ \Phi_{18}^5\ \Phi_{13}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
158450	1945	768	$\frac{5}{384}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{379}{768}$	$\Phi_{768}^5\ \Phi_{256}^5\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
158451	1945	768	$\frac{5}{384}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{379}{768}$	$\Phi_{768}^5\ \Phi_{256}^5\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
158452	1945	768	$\frac{5}{384}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{379}{768}$	$\Phi_{768}^5\ \Phi_{256}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
158453	1945	3744	$\frac{1}{72}$	$\frac{73}{1872}$	$\frac{1799}{3744}$	$\frac{71}{144}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
158454	1945	3828	$\frac{31}{1914}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1883}{3828}$	$\Phi_{3828}\ \Phi_{1276}\ \Phi_{348}\ \Phi_{132}\ \Phi_{116}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
158455	1945	2280	$\frac{9}{380}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{371}{760}$	$\Phi_{2280}^2\ \Phi_{760}\ \Phi_{456}^2\ \Phi_{152}\ \Phi_{120}^2\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
158456	1945	2232	$\frac{8}{279}$	$\frac{1}{9}$	$\frac{287}{2232}$	$\frac{271}{558}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{744}\ \Phi_{372}\ \Phi_{279}\ \Phi_{248}\ \Phi_{124}\ \Phi_{93}\ \Phi_{72}\ \Phi_{36}\ \Phi_{31}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
158457	1945	756	$\frac{11}{378}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{367}{756}$	$\Phi_{756}^5\ \Phi_{252}^5\ \Phi_{108}^5\ \Phi_{84}^5\ \Phi_{36}^5\ \Phi_{28}^5\ \Phi_{27}^2\ \Phi_{12}^5\ \Phi_{9}^2\ \Phi_{4}^5\ \Phi_{3}^2\ \Phi_{1}^3$
158458	1945	756	$\frac{11}{378}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{367}{756}$	$\Phi_{756}^5\ \Phi_{252}^5\ \Phi_{108}^5\ \Phi_{84}^5\ \Phi_{63}\ \Phi_{36}^5\ \Phi_{28}^5\ \Phi_{21}\ \Phi_{12}^5\ \Phi_{7}\ \Phi_{4}^5\ \Phi_{1}$
158459	1945	2262	$\frac{12}{377}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{365}{754}$	$\Phi_{2262}\ \Phi_{1131}\ \Phi_{377}\ \Phi_{174}\ \Phi_{87}\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{29}\ \Phi_{26}\ \Phi_{13}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
158460	1945	420	$\frac{1}{30}$	$\frac{31}{420}$	$\frac{1}{6}$	$\frac{29}{60}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^5\ \Phi_{105}^5\ \Phi_{84}^5\ \Phi_{70}^5\ \Phi_{42}^5\ \Phi_{35}^5\ \Phi_{30}^5\ \Phi_{28}^5\ \Phi_{21}^5\ \Phi_{15}^5\ \Phi_{14}^5\ \Phi_{10}^5\ \Phi_{7}^5\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
158461	1945	750	$\frac{14}{375}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{361}{750}$	$\Phi_{750}^2\ \Phi_{375}^3\ \Phi_{250}^2\ \Phi_{150}^2\ \Phi_{125}^3\ \Phi_{75}^3\ \Phi_{50}^2\ \Phi_{30}^5\ \Phi_{25}^3\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
158462	1945	1248	$\frac{1}{26}$	$\frac{27}{416}$	$\frac{1}{6}$	$\frac{25}{52}$	$\Phi_{1248}^2\ \Phi_{624}^2\ \Phi_{416}\ \Phi_{312}^2\ \Phi_{208}\ \Phi_{104}\ \Phi_{96}^2\ \Phi_{78}^2\ \Phi_{48}^2\ \Phi_{39}^2\ \Phi_{32}\ \Phi_{26}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
158463	1945	3744	$\frac{73}{1872}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{1799}{3744}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{96}\ \Phi_{78}\ \Phi_{39}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
158464	1945	576	$\frac{5}{192}$	$\frac{1}{24}$	$\frac{187}{576}$	$\frac{23}{48}$	$\Phi_{576}^5\ \Phi_{288}^5\ \Phi_{144}^5\ \Phi_{72}^5\ \Phi_{48}\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_{16}\ \Phi_{9}^5\ \Phi_{1}$
158465	1945	2016	$\frac{71}{2016}$	$\frac{1}{24}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
158466	1945	480	$\frac{1}{24}$	$\frac{5}{96}$	$\frac{91}{480}$	$\frac{23}{48}$	$\Phi_{480}^5\ \Phi_{240}^5\ \Phi_{160}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{60}^5\ \Phi_{48}\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{16}\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_{5}^5\ \Phi_{1}$
158467	1945	2304	$\frac{1}{24}$	$\frac{25}{384}$	$\frac{359}{2304}$	$\frac{23}{48}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
158468	1945	2112	$\frac{1}{24}$	$\frac{167}{2112}$	$\frac{25}{192}$	$\frac{23}{48}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
158469	1945	432	$\frac{1}{24}$	$\frac{43}{432}$	$\frac{5}{48}$	$\frac{23}{48}$	$\Phi_{432}^5\ \Phi_{216}^5\ \Phi_{144}^5\ \Phi_{108}^5\ \Phi_{72}^5\ \Phi_{54}^5\ \Phi_{48}\ \Phi_{36}^5\ \Phi_{27}^5\ \Phi_{18}^5\ \Phi_{16}\ \Phi_{9}^5\ \Phi_{1}$
158470	1945	396	$\frac{7}{396}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{396}^5\ \Phi_{198}^5\ \Phi_{132}^5\ \Phi_{99}^5\ \Phi_{66}^4\ \Phi_{44}^5\ \Phi_{36}^5\ \Phi_{33}^5\ \Phi_{22}^4\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_{11}^5\ \Phi_{9}^5\ \Phi_{6}^4\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
158471	1945	2028	$\frac{83}{2028}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{73}{156}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{676}\ \Phi_{507}\ \Phi_{338}\ \Phi_{169}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
158472	1945	2184	$\frac{1}{26}$	$\frac{25}{364}$	$\frac{1}{6}$	$\frac{339}{728}$	$\Phi_{2184}^2\ \Phi_{728}\ \Phi_{312}^2\ \Phi_{168}^2\ \Phi_{104}\ \Phi_{78}^2\ \Phi_{56}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{24}^2\ \Phi_{13}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
158473	1945	720	$\frac{1}{36}$	$\frac{29}{360}$	$\frac{7}{36}$	$\frac{331}{720}$	$\Phi_{720}^5\ \Phi_{240}^5\ \Phi_{144}^5\ \Phi_{80}^5\ \Phi_{48}^5\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
158474	1945	720	$\frac{1}{30}$	$\frac{29}{360}$	$\frac{1}{6}$	$\frac{331}{720}$	$\Phi_{720}^5\ \Phi_{240}^5\ \Phi_{144}^5\ \Phi_{80}^5\ \Phi_{48}^5\ \Phi_{30}^5\ \Phi_{16}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
158475	1945	2376	$\frac{1}{36}$	$\frac{35}{396}$	$\frac{431}{2376}$	$\frac{361}{792}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{216}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{66}\ \Phi_{54}\ \Phi_{44}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
158476	1945	708	$\frac{2}{177}$	$\frac{35}{354}$	$\frac{1}{3}$	$\frac{319}{708}$	$\Phi_{708}^5\ \Phi_{236}^5\ \Phi_{177}\ \Phi_{59}\ \Phi_{12}^5\ \Phi_{4}^5\ \Phi_{1}$
158477	1945	1200	$\frac{11}{400}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}\ \Phi_{300}^2\ \Phi_{240}^2\ \Phi_{200}\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}^2\ \Phi_{50}\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
158478	1945	702	$\frac{1}{39}$	$\frac{38}{351}$	$\frac{1}{6}$	$\frac{313}{702}$	$\Phi_{702}^2\ \Phi_{351}^3\ \Phi_{234}^2\ \Phi_{117}^3\ \Phi_{78}^5\ \Phi_{54}^2\ \Phi_{39}^5\ \Phi_{27}^3\ \Phi_{26}^5\ \Phi_{18}^2\ \Phi_{13}^5\ \Phi_{9}^3\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
158479	1945	2112	$\frac{9}{176}$	$\frac{167}{2112}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{64}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
158480	1945	3456	$\frac{1}{72}$	$\frac{217}{1728}$	$\frac{71}{288}$	$\frac{1511}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
158481	1945	2016	$\frac{71}{2016}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
158482	1945	3348	$\frac{8}{279}$	$\frac{1}{9}$	$\frac{271}{1674}$	$\frac{1403}{3348}$	$\Phi_{3348}\ \Phi_{1116}\ \Phi_{372}\ \Phi_{279}\ \Phi_{124}\ \Phi_{108}\ \Phi_{93}\ \Phi_{36}\ \Phi_{31}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
158483	1945	396	$\frac{7}{396}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{396}^5\ \Phi_{198}^5\ \Phi_{132}^5\ \Phi_{99}^5\ \Phi_{66}^5\ \Phi_{44}^5\ \Phi_{36}^5\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{18}^5\ \Phi_{11}^5\ \Phi_{9}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
158484	1945	405	$\frac{16}{405}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{405}^5\ \Phi_{135}^5\ \Phi_{81}^5\ \Phi_{45}^5\ \Phi_{27}^2\ \Phi_{15}^5\ \Phi_{9}^2\ \Phi_{5}^5\ \Phi_{3}^2\ \Phi_{1}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
158485	1945	432	$\frac{1}{36}$	$\frac{43}{432}$	$\frac{7}{36}$	$\frac{29}{72}$	$\Phi_{432}^5\ \Phi_{216}^5\ \Phi_{144}^5\ \Phi_{108}^5\ \Phi_{54}^5\ \Phi_{48}^5\ \Phi_{36}^4\ \Phi_{27}^5\ \Phi_{18}^4\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
158486	1945	1950	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{64}{325}$	$\frac{261}{650}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{390}^2\ \Phi_{325}\ \Phi_{195}^2\ \Phi_{150}\ \Phi_{130}\ \Phi_{78}^2\ \Phi_{75}\ \Phi_{65}\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}\ \Phi_{25}\ \Phi_{15}^2\ \Phi_{13}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
158487	1945	486	$\frac{1}{81}$	$\frac{16}{81}$	$\frac{97}{486}$	$\frac{65}{162}$	$\Phi_{486}^5\ \Phi_{243}^5\ \Phi_{81}^4\ \Phi_{27}^4\ \Phi_9^4\ \Phi_3^4\ \Phi_1^5$
158488	1945	648	$\frac{1}{81}$	$\frac{16}{81}$	$\frac{65}{324}$	$\frac{259}{648}$	$\Phi_{648}^5\ \Phi_{216}^5\ \Phi_{81}^4\ \Phi_{72}^5\ \Phi_{27}^4\ \Phi_{24}^5\ \Phi_9^4\ \Phi_8^5\ \Phi_3^4\ \Phi_1^5$
158489	1945	1984	$\frac{39}{1984}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{32}\ \Phi_{31}\ \Phi_{16}\ \Phi_1$
158490	1945	3168	$\frac{1}{36}$	$\frac{35}{396}$	$\frac{361}{1584}$	$\frac{1223}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{396}\ \Phi_{352}\ \Phi_{288}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{96}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
158491	1945	2304	$\frac{1}{72}$	$\frac{359}{2304}$	$\frac{71}{288}$	$\frac{217}{576}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
158492	1945	624	$\frac{1}{78}$	$\frac{1}{6}$	$\frac{77}{312}$	$\frac{235}{624}$	$\Phi_{624}^5\ \Phi_{208}^5\ \Phi_{78}^5\ \Phi_{48}^5\ \Phi_{39}^5\ \Phi_{26}^5\ \Phi_{16}^5\ \Phi_{13}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
158493	1945	2328	$\frac{1}{194}$	$\frac{1}{4}$	$\frac{193}{582}$	$\frac{3}{8}$	$\Phi_{2328}^2\ \Phi_{582}\ \Phi_{291}\ \Phi_{24}^2\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
158494	1945	392	$\frac{3}{392}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{392}^5\ \Phi_{196}^5\ \Phi_{98}^5\ \Phi_{56}^5\ \Phi_{49}^5\ \Phi_{28}^5\ \Phi_{14}^5\ \Phi_8^2\ \Phi_7^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
158495	1945	3880	$\frac{1}{97}$	$\frac{96}{485}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3880}\ \Phi_{485}\ \Phi_{40}\ \Phi_8\ \Phi_5\ \Phi_1$
158496	1945	3024	$\frac{1}{72}$	$\frac{71}{504}$	$\frac{433}{1512}$	$\frac{1079}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{432}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
158497	1945	2928	$\frac{7}{488}$	$\frac{1}{8}$	$\frac{481}{1464}$	$\frac{983}{2928}$	$\Phi_{2928}\ \Phi_{976}\ \Phi_{488}\ \Phi_{244}\ \Phi_{122}\ \Phi_{61}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
158498	1945	2916	$\frac{1}{243}$	$\frac{242}{729}$	$\frac{971}{2916}$	$\frac{487}{1458}$	$\Phi_{2916}\ \Phi_{972}\ \Phi_{729}\ \Phi_{324}\ \Phi_{108}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
158499	1945	2871	$\frac{31}{957}$	$\frac{2}{33}$	$\frac{926}{2871}$	$\frac{1}{3}$	$\Phi_{2871}\ \Phi_{261}\ \Phi_{99}\ \Phi_{33}\ \Phi_{11}\ \Phi_9\ \Phi_1$
158500	1945	531	$\frac{2}{177}$	$\frac{35}{177}$	$\frac{142}{531}$	$\frac{1}{3}$	$\Phi_{531}^5\ \Phi_{177}\ \Phi_{59}\ \Phi_9^5\ \Phi_1$
158501	1945	516	$\frac{2}{129}$	$\frac{1}{6}$	$\frac{127}{516}$	$\frac{1}{3}$	$\Phi_{516}^5\ \Phi_{258}^2\ \Phi_{172}^5\ \Phi_{129}^3\ \Phi_{86}^2\ \Phi_{43}^3\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
158502	1945	396	$\frac{7}{396}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{396}^5\ \Phi_{198}^5\ \Phi_{132}^5\ \Phi_{99}^5\ \Phi_{66}^5\ \Phi_{44}^5\ \Phi_{36}^5\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{18}^2\ \Phi_{12}^5\ \Phi_{11}^5\ \Phi_9^3\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
158503	1945	468	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{79}{468}$	$\frac{38}{117}$	$\Phi_{468}^5\ \Phi_{234}^2\ \Phi_{156}^5\ \Phi_{117}^3\ \Phi_{78}^5\ \Phi_{52}^5\ \Phi_{39}^5\ \Phi_{36}^5\ \Phi_{26}^5\ \Phi_{18}^2\ \Phi_{13}^5\ \Phi_{12}^5\ \Phi_9^3\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
158504	1945	576	$\frac{5}{192}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{187}{576}$	$\Phi_{576}^5\ \Phi_{288}^5\ \Phi_{144}^5\ \Phi_{72}^5\ \Phi_{36}^5\ \Phi_{32}\ \Phi_{18}^5\ \Phi_{16}\ \Phi_9^5\ \Phi_1$
158505	1945	576	$\frac{5}{192}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{187}{576}$	$\Phi_{576}^5\ \Phi_{288}^5\ \Phi_{144}^5\ \Phi_{72}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
158506	1945	2511	$\frac{8}{279}$	$\frac{1}{9}$	$\frac{566}{2511}$	$\frac{271}{837}$	$\Phi_{2511}\ \Phi_{279}\ \Phi_{93}\ \Phi_{81}\ \Phi_{31}\ \Phi_1$
158507	1945	450	$\frac{1}{30}$	$\frac{61}{450}$	$\frac{1}{6}$	$\frac{29}{90}$	$\Phi_{450}^5\ \Phi_{225}^5\ \Phi_{150}^5\ \Phi_{75}^5\ \Phi_{50}^5\ \Phi_{30}^5\ \Phi_{25}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
158508	1945	570	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{181}{570}$	$\Phi_{570}^3\ \Phi_{285}^3\ \Phi_{190}^4\ \Phi_{114}^3\ \Phi_{95}^4\ \Phi_{57}^3\ \Phi_{38}^4\ \Phi_{30}^5\ \Phi_{19}^4\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
158509	1945	567	$\frac{11}{189}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{178}{567}$	$\Phi_{567}^5\ \Phi_{81}^5\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^3$
158510	1945	567	$\frac{11}{189}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{178}{567}$	$\Phi_{567}^5\ \Phi_{81}^5\ \Phi_{63}\ \Phi_{21}\ \Phi_7\ \Phi_1$
158511	1945	2106	$\frac{5}{78}$	$\frac{161}{2106}$	$\frac{1}{6}$	$\frac{73}{234}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{702}\ \Phi_{351}\ \Phi_{162}\ \Phi_{81}\ \Phi_{78}\ \Phi_{54}\ \Phi_{39}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
158512	1945	2808	$\frac{5}{78}$	$\frac{73}{936}$	$\frac{1}{6}$	$\frac{863}{2808}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{216}\ \Phi_{108}\ \Phi_{78}\ \Phi_{54}\ \Phi_{39}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
158513	1945	2079	$\frac{134}{2079}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{189}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{297}\ \Phi_{231}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{33}\ \Phi_{21}\ \Phi_{11}\ \Phi_7\ \Phi_1$
158514	1945	546	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{1}{6}$	$\frac{157}{546}$	$\Phi_{546}^3\ \Phi_{273}^3\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{78}^5\ \Phi_{42}^3\ \Phi_{39}^5\ \Phi_{26}^5\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{13}^5\ \Phi_7^4\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
158515	1945	540	$\frac{1}{36}$	$\frac{29}{180}$	$\frac{7}{36}$	$\frac{151}{540}$	$\Phi_{540}^5\ \Phi_{270}^5\ \Phi_{135}^5\ \Phi_{108}^5\ \Phi_{54}^5\ \Phi_{36}^4\ \Phi_{27}^5\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
158516	1945	540	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{1}{6}$	$\frac{151}{540}$	$\Phi_{540}^5\ \Phi_{270}^5\ \Phi_{135}^5\ \Phi_{108}^5\ \Phi_{54}^5\ \Phi_{30}^5\ \Phi_{27}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_6^4\ \Phi_5^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
158517	1945	2016	$\frac{71}{2016}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
158518	1945	2592	$\frac{1}{72}$	$\frac{71}{288}$	$\frac{647}{2592}$	$\frac{217}{864}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{288}\ \Phi_{162}\ \Phi_{144}\ \Phi_{96}\ \Phi_{81}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
158519	1945	480	$\frac{1}{30}$	$\frac{1}{6}$	$\frac{91}{480}$	$\frac{29}{120}$	$\Phi_{480}^5\ \Phi_{240}^5\ \Phi_{160}^5\ \Phi_{96}^5\ \Phi_{80}^5\ \Phi_{48}^5\ \Phi_{32}^5\ \Phi_{30}^5\ \Phi_{16}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
158520	1945	512	$\frac{5}{128}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{123}{512}$	$\Phi_{512}^5\ \Phi_{256}^5\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
158521	1945	2184	$\frac{5}{78}$	$\frac{239}{2184}$	$\frac{1}{6}$	$\frac{73}{312}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{168}\ \Phi_{91}\ \Phi_{84}\ \Phi_{78}\ \Phi_{56}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}\ \Phi_{26}\ \Phi_{21}\ \Phi_{14}\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}$
158522	1945	504	$\frac{11}{126}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{115}{504}$	$\Phi_{504}^5\ \Phi_{252}^5\ \Phi_{168}^5\ \Phi_{84}^5\ \Phi_{72}^5\ \Phi_{63}\ \Phi_{56}^5\ \Phi_{36}^5\ \Phi_{28}^5\ \Phi_{24}^5\ \Phi_{21}\ \Phi_{12}^5\ \Phi_{8}^5\ \Phi_{7}\ \Phi_{4}^5\ \Phi_{1}$
158523	1945	2496	$\frac{5}{78}$	$\frac{73}{624}$	$\frac{1}{6}$	$\frac{551}{2496}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{832}\ \Phi_{416}\ \Phi_{192}\ \Phi_{96}\ \Phi_{78}\ \Phi_{64}\ \Phi_{39}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
158524	1945	2048	$\frac{103}{2048}$	$\frac{1}{8}$	$\frac{25}{128}$	$\frac{7}{32}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
158525	1945	480	$\frac{5}{96}$	$\frac{1}{8}$	$\frac{91}{480}$	$\frac{7}{32}$	$\Phi_{480}^5\ \Phi_{240}^5\ \Phi_{160}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{60}^5\ \Phi_{40}^5\ \Phi_{32}\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{16}\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_{5}^5\ \Phi_{1}$
158526	1945	416	$\frac{27}{416}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{7}{32}$	$\Phi_{416}^5\ \Phi_{208}^5\ \Phi_{104}^5\ \Phi_{52}^5\ \Phi_{32}\ \Phi_{26}^5\ \Phi_{16}\ \Phi_{13}^5\ \Phi_{1}$
158527	1945	2304	$\frac{25}{384}$	$\frac{1}{8}$	$\frac{359}{2304}$	$\frac{7}{32}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
158528	1945	448	$\frac{5}{64}$	$\frac{1}{8}$	$\frac{59}{448}$	$\frac{7}{32}$	$\Phi_{448}^5\ \Phi_{224}^5\ \Phi_{112}^5\ \Phi_{56}^5\ \Phi_{32}\ \Phi_{28}^5\ \Phi_{16}\ \Phi_{14}^5\ \Phi_{7}^5\ \Phi_{1}$
158529	1945	2112	$\frac{167}{2112}$	$\frac{1}{8}$	$\frac{25}{192}$	$\frac{7}{32}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{1}$
158530	1945	408	$\frac{19}{408}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{408}^5\ \Phi_{204}^5\ \Phi_{136}^5\ \Phi_{102}^5\ \Phi_{68}^5\ \Phi_{51}^5\ \Phi_{34}^5\ \Phi_{17}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
158531	1945	432	$\frac{2}{27}$	$\frac{43}{432}$	$\frac{5}{27}$	$\frac{11}{54}$	$\Phi_{432}^5\ \Phi_{216}^5\ \Phi_{144}^5\ \Phi_{108}^5\ \Phi_{72}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{27}^2\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_{9}^2\ \Phi_{8}^5\ \Phi_{4}^5\ \Phi_{3}^2\ \Phi_{1}^3$
158532	1945	1320	$\frac{4}{55}$	$\frac{51}{440}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}^2\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{120}^2\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
158533	1945	420	$\frac{31}{420}$	$\frac{4}{35}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{420}^5\ \Phi_{210}^4\ \Phi_{140}^5\ \Phi_{105}^4\ \Phi_{84}^5\ \Phi_{70}^4\ \Phi_{60}^5\ \Phi_{42}^4\ \Phi_{35}^5\ \Phi_{30}^5\ \Phi_{28}^5\ \Phi_{21}^4\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_{7}^5\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{4}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
158534	1945	480	$\frac{5}{96}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{91}{480}$	$\Phi_{480}^5\ \Phi_{240}^5\ \Phi_{160}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{60}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
158535	1945	450	$\frac{1}{15}$	$\frac{61}{450}$	$\frac{1}{6}$	$\frac{14}{75}$	$\Phi_{450}^5\ \Phi_{225}^5\ \Phi_{150}^2\ \Phi_{90}^5\ \Phi_{75}^3\ \Phi_{50}^2\ \Phi_{45}^5\ \Phi_{30}^5\ \Phi_{25}^3\ \Phi_{18}^5\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_{9}^5\ \Phi_{6}^4\ \Phi_{5}^5\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
158536	1945	441	$\frac{1}{9}$	$\frac{52}{441}$	$\frac{8}{63}$	$\frac{11}{63}$	$\Phi_{441}^5\ \Phi_{147}^5\ \Phi_{63}\ \Phi_{49}^5\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
158537	1945	468	$\frac{5}{78}$	$\frac{73}{468}$	$\frac{1}{6}$	$\frac{79}{468}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^4\ \Phi_{117}^4\ \Phi_{78}^5\ \Phi_{52}^4\ \Phi_{39}^5\ \Phi_{36}^4\ \Phi_{26}^5\ \Phi_{18}^4\ \Phi_{13}^5\ \Phi_{12}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
158538	1945	432	$\frac{43}{432}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{432}^5\ \Phi_{216}^5\ \Phi_{144}^5\ \Phi_{108}^5\ \Phi_{72}^5\ \Phi_{54}^5\ \Phi_{36}^5\ \Phi_{27}^5\ \Phi_{18}^5\ \Phi_{9}^5\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^5$
158539	1945	2268	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{323}{2268}$	$\frac{55}{378}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{324}\ \Phi_{252}\ \Phi_{162}\ \Phi_{108}\ \Phi_{84}\ \Phi_{81}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
158540	1946	1556	$\frac{1}{389}$	$\frac{195}{778}$	$\frac{583}{1556}$	$\frac{194}{389}$	$\Phi_{1556}^2\ \Phi_{389}\ \Phi_{4}^2\ \Phi_{1}^2$
158541	1946	1940	$\frac{3}{970}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{967}{1940}$	$\Phi_{1940}^2\ \Phi_{388}^2\ \Phi_{20}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
158542	1946	3324	$\frac{1}{277}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{138}{277}$	$\Phi_{3324}\ \Phi_{1108}\ \Phi_{277}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
158543	1946	2493	$\frac{1}{277}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{138}{277}$	$\Phi_{2493}\ \Phi_{277}\ \Phi_{9}^2\ \Phi_{1}^2$
158544	1946	1935	$\frac{11}{1935}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{962}{1935}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{387}\ \Phi_{215}\ \Phi_{129}\ \Phi_{45}\ \Phi_{43}\ \Phi_{15}^2\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
158545	1946	1300	$\frac{2}{325}$	$\frac{1}{5}$	$\frac{327}{1300}$	$\frac{323}{650}$	$\Phi_{1300}^2\ \Phi_{325}^2\ \Phi_{260}^2\ \Phi_{100}^2\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{13}^2\ \Phi_{5}\ \Phi_{4}^2\ \Phi_{1}^2$
158546	1946	3588	$\frac{1}{138}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{137}{276}$	$\Phi_{3588}\ \Phi_{1196}\ \Phi_{276}^2\ \Phi_{156}\ \Phi_{92}^2\ \Phi_{52}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
158547	1946	552	$\frac{1}{138}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{137}{276}$	$\Phi_{552}^{4}\ \Phi_{276}^{2}\ \Phi_{184}^{4}\ \Phi_{138}^{4}\ \Phi_{92}^{2}\ \Phi_{69}^{4}\ \Phi_{46}^{4}\ \Phi_{24}^{5}\ \Phi_{23}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
158548	1946	1170	$\frac{2}{195}$	$\frac{197}{1170}$	$\frac{1}{5}$	$\frac{193}{390}$	$\Phi_{1170}^{2}\ \Phi_{585}^{2}\ \Phi_{234}^{2}\ \Phi_{195}^{2}\ \Phi_{117}^{2}\ \Phi_{90}^{2}\ \Phi_{65}^{2}\ \Phi_{45}^{2}\ \Phi_{39}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{13}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
158549	1946	744	$\frac{1}{93}$	$\frac{1}{8}$	$\frac{47}{186}$	$\frac{46}{93}$	$\Phi_{744}^{3}\ \Phi_{372}^{3}\ \Phi_{248}^{3}\ \Phi_{186}\ \Phi_{124}^{3}\ \Phi_{93}^{2}\ \Phi_{62}\ \Phi_{31}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
158550	1946	275	$\frac{3}{275}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{136}{275}$	$\Phi_{275}^{7}\ \Phi_{55}^{7}\ \Phi_{25}^{8}\ \Phi_{11}^{7}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
158551	1946	1920	$\frac{13}{960}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{947}{1920}$	$\Phi_{1920}^{2}\ \Phi_{640}^{2}\ \Phi_{384}^{2}\ \Phi_{128}^{2}\ \Phi_{15}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
158552	1946	4080	$\frac{3}{136}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{133}{272}$	$\Phi_{4080}\ \Phi_{1360}\ \Phi_{816}\ \Phi_{240}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
158553	1946	1900	$\frac{23}{950}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{927}{1900}$	$\Phi_{1900}^{2}\ \Phi_{380}^{2}\ \Phi_{100}^{2}\ \Phi_{76}^{2}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
158554	1946	150	$\frac{2}{75}$	$\frac{11}{150}$	$\frac{1}{5}$	$\frac{73}{150}$	$\Phi_{150}^{12}\ \Phi_{75}^{14}\ \Phi_{50}^{12}\ \Phi_{30}^{12}\ \Phi_{25}^{14}\ \Phi_{15}^{14}\ \Phi_{10}^{12}\ \Phi_{6}^{12}\ \Phi_{5}^{13}\ \Phi_{3}^{14}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
158555	1946	270	$\frac{4}{135}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{131}{270}$	$\Phi_{270}^{14}\ \Phi_{90}^{14}\ \Phi_{54}^{14}\ \Phi_{30}^{14}\ \Phi_{18}^{14}\ \Phi_{15}^{4}\ \Phi_{10}^{14}\ \Phi_{6}^{14}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{14}\ \Phi_{1}^{4}$
158556	1946	1080	$\frac{4}{135}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{131}{270}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{216}^{2}\ \Phi_{180}^{2}\ \Phi_{135}^{2}\ \Phi_{120}^{2}\ \Phi_{108}^{2}\ \Phi_{72}^{3}\ \Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{36}^{3}\ \Phi_{27}^{2}\ \Phi_{24}^{3}\ \Phi_{20}^{2}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{6}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
158557	1946	1040	$\frac{2}{65}$	$\frac{67}{1040}$	$\frac{1}{5}$	$\frac{63}{130}$	$\Phi_{1040}^{2}\ \Phi_{520}^{2}\ \Phi_{260}^{2}\ \Phi_{208}^{2}\ \Phi_{104}^{2}\ \Phi_{80}^{2}\ \Phi_{65}^{2}\ \Phi_{52}^{2}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{16}^{2}\ \Phi_{13}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
158558	1946	1240	$\frac{1}{31}$	$\frac{16}{155}$	$\frac{1}{8}$	$\frac{15}{31}$	$\Phi_{1240}^{2}\ \Phi_{620}^{2}\ \Phi_{310}^{2}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
158559	1946	1885	$\frac{61}{1885}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{912}{1885}$	$\Phi_{1885}\ \Phi_{377}\ \Phi_{145}\ \Phi_{65}^{2}\ \Phi_{29}\ \Phi_{13}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
158560	1946	840	$\frac{1}{28}$	$\frac{1}{15}$	$\frac{29}{168}$	$\frac{27}{56}$	$\Phi_{840}^{2}\ \Phi_{420}^{3}\ \Phi_{280}^{2}\ \Phi_{210}^{3}\ \Phi_{168}\ \Phi_{140}^{3}\ \Phi_{120}^{2}\ \Phi_{105}^{3}\ \Phi_{84}^{2}\ \Phi_{70}^{3}\ \Phi_{60}^{3}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{40}^{2}\ \Phi_{35}^{3}\ \Phi_{30}^{3}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
158561	1946	1875	$\frac{71}{1875}$	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{902}{1875}$	$\Phi_{1875}\ \Phi_{625}\ \Phi_{375}\ \Phi_{125}\ \Phi_{75}^{2}\ \Phi_{25}^{2}\ \Phi_{15}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
158562	1946	3990	$\frac{6}{133}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{127}{266}$	$\Phi_{3990}\ \Phi_{1330}\ \Phi_{798}\ \Phi_{570}\ \Phi_{210}\ \Phi_{190}\ \Phi_{114}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{10}\ \Phi_{6}$
158563	1946	480	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{21}{160}$	$\frac{19}{40}$	$\Phi_{480}^{5}\ \Phi_{240}^{5}\ \Phi_{160}^{4}\ \Phi_{96}^{5}\ \Phi_{80}^{4}\ \Phi_{60}^{5}\ \Phi_{48}^{5}\ \Phi_{32}^{4}\ \Phi_{30}^{5}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
158564	1946	260	$\frac{2}{65}$	$\frac{9}{130}$	$\frac{1}{5}$	$\frac{121}{260}$	$\Phi_{260}^{14}\ \Phi_{65}^{2}\ \Phi_{52}^{14}\ \Phi_{20}^{14}\ \Phi_{13}^{2}\ \Phi_{5}\ \Phi_{4}^{14}\ \Phi_{1}^{2}$
158565	1946	780	$\frac{1}{15}$	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{121}{260}$	$\Phi_{780}^{5}\ \Phi_{260}^{4}\ \Phi_{156}^{5}\ \Phi_{60}^{5}\ \Phi_{52}^{4}\ \Phi_{30}^{5}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
158566	1946	1833	$\frac{2}{141}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1833}\ \Phi_{611}\ \Phi_{141}^{2}\ \Phi_{47}^{2}\ \Phi_{13}\ \Phi_{1}^{2}$
158567	1946	2691	$\frac{1}{69}$	$\frac{1}{13}$	$\frac{68}{207}$	$\frac{6}{13}$	$\Phi_{2691}\ \Phi_{207}^{2}\ \Phi_{117}\ \Phi_{13}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
158568	1946	2392	$\frac{1}{46}$	$\frac{1}{13}$	$\frac{45}{184}$	$\frac{6}{13}$	$\Phi_{2392}\ \Phi_{1196}\ \Phi_{184}^{2}\ \Phi_{104}\ \Phi_{92}^{2}\ \Phi_{52}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
158569	1946	1872	$\frac{5}{144}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{1872}\ \Phi_{936}\ \Phi_{624}\ \Phi_{468}\ \Phi_{312}\ \Phi_{234}\ \Phi_{208}\ \Phi_{156}\ \Phi_{144}^{2}\ \Phi_{117}\ \Phi_{104}\ \Phi_{72}^{2}\ \Phi_{52}\ \Phi_{48}^{2}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{16}^{2}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
158570	1946	2093	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{22}{161}$	$\frac{6}{13}$	$\Phi_{2093}\ \Phi_{161}^{2}\ \Phi_{91}\ \Phi_{13}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
158571	1946	1000	$\frac{27}{1000}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{1000}^{2}\ \Phi_{500}^{2}\ \Phi_{250}^{2}\ \Phi_{200}^{2}\ \Phi_{125}^{2}\ \Phi_{100}^{2}\ \Phi_{40}^{2}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
158572	1946	1800	$\frac{2}{75}$	$\frac{73}{900}$	$\frac{1}{5}$	$\frac{827}{1800}$	$\Phi_{1800}^{2}\ \Phi_{600}^{2}\ \Phi_{360}^{2}\ \Phi_{200}^{2}\ \Phi_{120}^{2}\ \Phi_{75}^{2}\ \Phi_{72}^{2}\ \Phi_{40}^{2}\ \Phi_{25}^{2}\ \Phi_{24}^{2}\ \Phi_{15}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
158573	1946	1260	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{113}{252}$	$\Phi_{1260}^{3}\ \Phi_{420}^{3}\ \Phi_{252}^{2}\ \Phi_{210}\ \Phi_{180}^{3}\ \Phi_{140}^{3}\ \Phi_{105}\ \Phi_{84}^{2}\ \Phi_{70}\ \Phi_{60}^{3}\ \Phi_{42}\ \Phi_{36}^{2}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{20}^{3}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{4}^{2}$
158574	1946	1755	$\frac{4}{195}$	$\frac{191}{1755}$	$\frac{1}{5}$	$\frac{782}{1755}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}^{2}\ \Phi_{135}\ \Phi_{117}\ \Phi_{65}^{2}\ \Phi_{45}\ \Phi_{39}^{2}\ \Phi_{27}\ \Phi_{15}^{2}\ \Phi_{13}^{2}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
158575	1946	144	$\frac{5}{144}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{144}^{14}\ \Phi_{72}^{13}\ \Phi_{48}^{14}\ \Phi_{36}^{13}\ \Phi_{24}^{13}\ \Phi_{18}^{13}\ \Phi_{16}^{14}\ \Phi_{12}^{13}\ \Phi_{9}^{14}\ \Phi_{8}^{12}\ \Phi_{6}^{13}\ \Phi_{4}^{12}\ \Phi_{3}^{14}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
158576	1946	248	$\frac{1}{31}$	$\frac{15}{124}$	$\frac{1}{8}$	$\frac{109}{248}$	$\Phi_{248}^{7}\ \Phi_{124}^{9}\ \Phi_{62}^{9}\ \Phi_{31}^{8}\ \Phi_{8}^{6}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
158577	1946	990	$\frac{17}{990}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
158578	1946	240	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{19}{120}$	$\frac{101}{240}$	$\Phi_{240}^{14}\ \Phi_{80}^{14}\ \Phi_{60}^5\ \Phi_{48}^{14}\ \Phi_{30}^5\ \Phi_{20}^4\ \Phi_{16}^{14}\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
158579	1946	420	$\frac{1}{140}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^4\ \Phi_{105}^5\ \Phi_{84}^5\ \Phi_{70}^4\ \Phi_{60}^5\ \Phi_{42}^5\ \Phi_{35}^4\ \Phi_{30}^5\ \Phi_{28}^4\ \Phi_{21}^5\ \Phi_{20}^4\ \Phi_{15}^5\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^5\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
158580	1946	1625	$\frac{4}{325}$	$\frac{321}{1625}$	$\frac{1}{5}$	$\frac{652}{1625}$	$\Phi_{1625}\ \Phi_{325}^2\ \Phi_{125}\ \Phi_{65}^2\ \Phi_{25}^2\ \Phi_{13}^2\ \Phi_5\ \Phi_1^2$
158581	1946	1455	$\frac{3}{485}$	$\frac{1}{5}$	$\frac{482}{1455}$	$\frac{2}{5}$	$\Phi_{1455}^2\ \Phi_{291}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
158582	1946	140	$\frac{1}{140}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{140}^{14}\ \Phi_{70}^{14}\ \Phi_{35}^{14}\ \Phi_{28}^{14}\ \Phi_{20}^{14}\ \Phi_{14}^{14}\ \Phi_{10}^{12}\ \Phi_7^{14}\ \Phi_5^{13}\ \Phi_4^{14}\ \Phi_2^{12}\ \Phi_1^{14}$
158583	1946	3360	$\frac{1}{28}$	$\frac{1}{15}$	$\frac{27}{112}$	$\frac{85}{224}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{420}\ \Phi_{210}\ \Phi_{160}\ \Phi_{140}\ \Phi_{105}\ \Phi_{96}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
158584	1946	1560	$\frac{2}{195}$	$\frac{1}{5}$	$\frac{193}{780}$	$\frac{587}{1560}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}^2\ \Phi_{195}^2\ \Phi_{120}^2\ \Phi_{104}^2\ \Phi_{65}^2\ \Phi_{40}^2\ \Phi_{39}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
158585	1946	720	$\frac{5}{144}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{144}^2\ \Phi_{120}^2\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{72}^2\ \Phi_{60}^3\ \Phi_{48}^2\ \Phi_{45}^3\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{24}\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
158586	1946	210	$\frac{1}{35}$	$\frac{1}{15}$	$\frac{34}{105}$	$\frac{71}{210}$	$\Phi_{210}^{14}\ \Phi_{105}^5\ \Phi_{70}^{14}\ \Phi_{42}^{14}\ \Phi_{35}^4\ \Phi_{30}^{14}\ \Phi_{21}^5\ \Phi_{15}^4\ \Phi_{14}^{14}\ \Phi_{10}^{14}\ \Phi_7^4\ \Phi_6^{14}\ \Phi_5^3\ \Phi_3^4\ \Phi_2^{14}\ \Phi_1^4$
158587	1946	1260	$\frac{1}{140}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{84}\ \Phi_{63}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
158588	1946	1128	$\frac{2}{141}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1128}^2\ \Phi_{564}^2\ \Phi_{376}^2\ \Phi_{282}^2\ \Phi_{188}^2\ \Phi_{94}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
158589	1946	1656	$\frac{1}{69}$	$\frac{1}{8}$	$\frac{68}{207}$	$\frac{1}{3}$	$\Phi_{1656}^2\ \Phi_{828}^2\ \Phi_{414}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
158590	1946	552	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{45}{184}$	$\frac{1}{3}$	$\Phi_{552}^5\ \Phi_{276}^5\ \Phi_{138}^6\ \Phi_{69}^6\ \Phi_{24}^6\ \Phi_{12}^6\ \Phi_6^7\ \Phi_3^6$
158591	1946	2760	$\frac{2}{69}$	$\frac{1}{8}$	$\frac{67}{345}$	$\frac{1}{3}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{920}\ \Phi_{690}\ \Phi_{460}\ \Phi_{230}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
158592	1946	144	$\frac{5}{144}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{144}^{14}\ \Phi_{72}^{14}\ \Phi_{48}^{14}\ \Phi_{36}^{14}\ \Phi_{24}^{11}\ \Phi_{18}^{14}\ \Phi_{16}^{14}\ \Phi_{12}^{11}\ \Phi_9^{14}\ \Phi_8^{10}\ \Phi_6^{13}\ \Phi_4^{10}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
158593	1946	3864	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{22}{161}$	$\frac{1}{3}$	$\Phi_{3864}\ \Phi_{1932}\ \Phi_{966}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
158594	1946	1170	$\frac{4}{195}$	$\frac{197}{1170}$	$\frac{1}{5}$	$\frac{191}{585}$	$\Phi_{1170}^2\ \Phi_{585}\ \Phi_{390}^2\ \Phi_{234}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{117}\ \Phi_{90}^2\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{45}\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
158595	1946	1125	$\frac{2}{75}$	$\frac{152}{1125}$	$\frac{1}{5}$	$\frac{73}{225}$	$\Phi_{1125}^2\ \Phi_{375}^2\ \Phi_{125}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
158596	1946	1440	$\frac{13}{480}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{467}{1440}$	$\Phi_{1440}^2\ \Phi_{720}^2\ \Phi_{360}^2\ \Phi_{288}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
158597	1946	1020	$\frac{3}{68}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{65}{204}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{204}\ \Phi_{170}^2\ \Phi_{102}\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{60}^3\ \Phi_{51}\ \Phi_{34}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
158598	1946	1425	$\frac{23}{475}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{452}{1425}$	$\Phi_{1425}^2\ \Phi_{285}^2\ \Phi_{75}^2\ \Phi_{57}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
158599	1946	180	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{41}{180}$	$\frac{19}{60}$	$\Phi_{180}^{14}\ \Phi_{90}^{14}\ \Phi_{60}^5\ \Phi_{45}^{14}\ \Phi_{36}^{14}\ \Phi_{30}^5\ \Phi_{20}^4\ \Phi_{18}^{14}\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_9^{14}\ \Phi_6^5\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
158600	1946	3240	$\frac{8}{135}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{127}{405}$	$\Phi_{3240}\ \Phi_{1620}\ \Phi_{810}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
158601	1946	840	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{29}{168}$	$\frac{13}{42}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{280}^3\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}^3\ \Phi_{120}^3\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{70}\ \Phi_{60}^3\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{40}^3\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}^3\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8^2\ \Phi_6\ \Phi_4^2$
158602	1946	2376	$\frac{19}{297}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{27}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{594}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
158603	1946	195	$\frac{2}{65}$	$\frac{9}{65}$	$\frac{1}{5}$	$\frac{56}{195}$	$\Phi_{195}^{14}\ \Phi_{65}^2\ \Phi_{39}^{14}\ \Phi_{15}^{14}\ \Phi_{13}^2\ \Phi_5\ \Phi_3^{14}\ \Phi_1^2$
158604	1946	1350	$\frac{2}{75}$	$\frac{73}{450}$	$\frac{1}{5}$	$\frac{377}{1350}$	$\Phi_{1350}^2\ \Phi_{675}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{75}^2\ \Phi_{54}^2\ \Phi_{27}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
158605	1946	1290	$\frac{11}{645}$	$\frac{1}{5}$	$\frac{317}{1290}$	$\frac{4}{15}$	$\Phi_{1290}^2\ \Phi_{645}\ \Phi_{430}^2\ \Phi_{258}^2\ \Phi_{215}\ \Phi_{129}\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
158606	1946	990	$\frac{17}{990}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{45}\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
158607	1946	150	$\frac{1}{15}$	$\frac{11}{150}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{150}^{14}\ \Phi_{75}^{14}\ \Phi_{50}^{14}\ \Phi_{30}^{14}\ \Phi_{25}^{14}\ \Phi_{15}^4\ \Phi_{10}^{14}\ \Phi_6^{14}\ \Phi_5^3\ \Phi_3^4\ \Phi_2^{14}\ \Phi_1^4$
158608	1946	744	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{15}{62}$	$\frac{47}{186}$	$\Phi_{744}^4\ \Phi_{372}^4\ \Phi_{248}\ \Phi_{186}^2\ \Phi_{124}\ \Phi_{93}^2\ \Phi_{62}\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_6^2\ \Phi_3^2$
158609	1946	1200	$\frac{2}{75}$	$\frac{227}{1200}$	$\frac{1}{5}$	$\frac{73}{300}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}^2\ \Phi_{240}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{80}^2\ \Phi_{75}^2\ \Phi_{48}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{15}^2\ \Phi_8^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
158610	1946	180	$\frac{1}{15}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{180}$	$\Phi_{180}^{14}\ \Phi_{90}^{14}\ \Phi_{60}^{14}\ \Phi_{36}^{14}\ \Phi_{30}^{14}\ \Phi_{20}^{14}\ \Phi_{18}^{14}\ \Phi_{15}^4\ \Phi_{12}^{14}\ \Phi_{10}^{14}\ \Phi_6^{14}\ \Phi_5^3\ \Phi_4^{14}\ \Phi_3^4\ \Phi_2^{14}\ \Phi_1^4$
158611	1946	360	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{41}{180}$	$\Phi_{360}^6\ \Phi_{180}^4\ \Phi_{120}^6\ \Phi_{90}^4\ \Phi_{72}^7\ \Phi_{60}^4\ \Phi_{45}^6\ \Phi_{40}^6\ \Phi_{36}^5\ \Phi_{30}^4\ \Phi_{24}^7\ \Phi_{20}^4\ \Phi_{18}^5\ \Phi_{15}^6\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_9^6\ \Phi_8^6\ \Phi_6^5\ \Phi_5^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
158612	1946	1020	$\frac{47}{1020}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{204}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
158613	1946	1125	$\frac{4}{75}$	$\frac{152}{1125}$	$\frac{71}{375}$	$\frac{1}{5}$	$\Phi_{1125}^2\ \Phi_{375}\ \Phi_{225}^2\ \Phi_{125}\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
158614	1946	1200	$\frac{13}{240}$	$\frac{2}{15}$	$\frac{227}{1200}$	$\frac{1}{5}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
158615	1946	150	$\frac{11}{150}$	$\frac{3}{25}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{150}^{14}\ \Phi_{75}^{14}\ \Phi_{50}^{14}\ \Phi_{30}^{14}\ \Phi_{25}^8\ \Phi_{15}^{14}\ \Phi_{10}^{14}\ \Phi_6^{14}\ \Phi_5^7\ \Phi_3^{14}\ \Phi_2^{14}\ \Phi_1^8$
158616	1946	1100	$\frac{21}{275}$	$\frac{127}{1100}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{1100}^2\ \Phi_{550}^2\ \Phi_{275}\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{100}^2\ \Phi_{55}\ \Phi_{50}^2\ \Phi_{44}^2\ \Phi_{25}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}^2\ \Phi_5\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
158617	1946	1080	$\frac{107}{1080}$	$\frac{13}{120}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
158618	1946	2520	$\frac{1}{9}$	$\frac{37}{315}$	$\frac{1}{8}$	$\frac{8}{45}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{420}\ \Phi_{280}\ \Phi_{252}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
158619	1946	648	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{23}{162}$	$\frac{4}{27}$	$\Phi_{648}^4\ \Phi_{324}^4\ \Phi_{216}^2\ \Phi_{162}^2\ \Phi_{108}^2\ \Phi_{81}^2\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
158620	1947	1112	$\frac{1}{278}$	$\frac{93}{556}$	$\frac{463}{1112}$	$\frac{277}{556}$	$\Phi_{1112}^3\ \Phi_{556}\ \Phi_8^3\ \Phi_4\ \Phi_1$
158621	1947	1760	$\frac{1}{176}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{175}{352}$	$\Phi_{1760}^2\ \Phi_{352}^3\ \Phi_{160}^2\ \Phi_{32}^3\ \Phi_{20}\ \Phi_4\ \Phi_1$
158622	1947	5280	$\frac{1}{176}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{175}{352}$	$\Phi_{5280}\ \Phi_{1056}\ \Phi_{480}\ \Phi_{352}\ \Phi_{96}\ \Phi_{32}\ \Phi_{15}\ \Phi_3\ \Phi_1$
158623	1947	2580	$\frac{4}{645}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{641}{1290}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{645}\ \Phi_{516}\ \Phi_{215}\ \Phi_{172}\ \Phi_{129}\ \Phi_{60}\ \Phi_{43}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
158624	1947	780	$\frac{1}{130}$	$\frac{131}{780}$	$\frac{1}{4}$	$\frac{129}{260}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{260}^2\ \Phi_{195}^3\ \Phi_{156}^3\ \Phi_{130}\ \Phi_{78}^3\ \Phi_{65}\ \Phi_{60}^3\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{30}^3\ \Phi_{26}\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{13}\ \Phi_{12}^3\ \Phi_{10}\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
158625	1947	1288	$\frac{5}{644}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{639}{1288}$	$\Phi_{1288}^3\ \Phi_{184}^3\ \Phi_{56}^3\ \Phi_{28}\ \Phi_8^3\ \Phi_4\ \Phi_1$
158626	1947	1288	$\frac{5}{644}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{639}{1288}$	$\Phi_{1288}^3\ \Phi_{184}^3\ \Phi_{56}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
158627	1947	868	$\frac{2}{217}$	$\frac{1}{7}$	$\frac{219}{868}$	$\frac{215}{434}$	$\Phi_{868}^3\ \Phi_{217}^3\ \Phi_{124}^3\ \Phi_{31}^3\ \Phi_{28}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
158628	1947	350	$\frac{2}{175}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{173}{350}$	$\Phi_{350}^4\ \Phi_{175}^7\ \Phi_{70}^4\ \Phi_{50}^4\ \Phi_{35}^7\ \Phi_{25}^7\ \Phi_{14}^6\ \Phi_{10}^4\ \Phi_7^8\ \Phi_5^7\ \Phi_2^6\ \Phi_1^9$
158629	1947	1280	$\frac{9}{640}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{631}{1280}$	$\Phi_{1280}^3\ \Phi_{256}^3\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
158630	1947	1856	$\frac{1}{58}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{57}{116}$	$\Phi_{1856}^2\ \Phi_{116}\ \Phi_{64}^3\ \Phi_4\ \Phi_1$
158631	1947	464	$\frac{1}{58}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{57}{116}$	$\Phi_{464}^4\ \Phi_{232}^4\ \Phi_{116}^5\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_{16}^6\ \Phi_8^6\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
158632	1947	348	$\frac{1}{58}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{57}{116}$	$\Phi_{348}^6\ \Phi_{174}^6\ \Phi_{116}^5\ \Phi_{87}^6\ \Phi_{58}^4\ \Phi_{29}^4\ \Phi_{12}^9\ \Phi_6^9\ \Phi_4^7\ \Phi_3^9\ \Phi_2^6\ \Phi_1^7$
158633	1947	1160	$\frac{1}{58}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{57}{116}$	$\Phi_{1160}^2\ \Phi_{580}^2\ \Phi_{290}^2\ \Phi_{145}^2\ \Phi_{116}\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
158634	1947	2548	$\frac{12}{637}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{625}{1274}$	$\Phi_{2548}\ \Phi_{637}\ \Phi_{364}\ \Phi_{196}\ \Phi_{91}\ \Phi_{52}^2\ \Phi_{49}\ \Phi_{28}\ \Phi_{26}\ \Phi_{13}\ \Phi_7\ \Phi_4\ \Phi_1$
158635	1947	700	$\frac{1}{50}$	$\frac{51}{700}$	$\frac{1}{4}$	$\frac{49}{100}$	$\Phi_{700}^3\ \Phi_{350}^3\ \Phi_{175}^3\ \Phi_{140}^3\ \Phi_{100}^2\ \Phi_{70}^3\ \Phi_{50}\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{14}^3\ \Phi_{10}\ \Phi_7^3\ \Phi_5\ \Phi_4\ \Phi_1$
158636	1947	3808	$\frac{43}{1904}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1861}{3808}$	$\Phi_{3808}\ \Phi_{544}\ \Phi_{224}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
158637	1947	2170	$\frac{6}{217}$	$\frac{223}{2170}$	$\frac{1}{7}$	$\frac{211}{434}$	$\Phi_{2170}\ \Phi_{1085}\ \Phi_{310}\ \Phi_{217}\ \Phi_{155}\ \Phi_{70}\ \Phi_{35}\ \Phi_{31}\ \Phi_{10}\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
158638	1947	1260	$\frac{19}{630}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{611}{1260}$	$\Phi_{1260}^3\ \Phi_{420}^3\ \Phi_{252}^3\ \Phi_{180}^3\ \Phi_{140}^3\ \Phi_{84}^3\ \Phi_{70}\ \Phi_{60}^3\ \Phi_{36}^3\ \Phi_{35}\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_5\ \Phi_4^3\ \Phi_1$
158639	1947	1260	$\frac{19}{630}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{611}{1260}$	$\Phi_{1260}^3\ \Phi_{420}^3\ \Phi_{252}^3\ \Phi_{180}^3\ \Phi_{140}^3\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{20}^3\ \Phi_{12}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
158640	1947	5568	$\frac{1}{32}$	$\frac{1}{29}$	$\frac{28}{87}$	$\frac{31}{64}$	$\Phi_{5568}\ \Phi_{192}\ \Phi_{87}\ \Phi_{64}\ \Phi_3\ \Phi_1$
158641	1947	784	$\frac{13}{392}$	$\frac{1}{14}$	$\frac{135}{784}$	$\frac{379}{784}$	$\Phi_{784}^2\ \Phi_{392}^3\ \Phi_{196}^3\ \Phi_{112}^2\ \Phi_{98}^3\ \Phi_{56}^3\ \Phi_{49}^3\ \Phi_{28}^3\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
158642	1947	1938	$\frac{1}{34}$	$\frac{2}{57}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{1938}\ \Phi_{969}\ \Phi_{646}\ \Phi_{323}\ \Phi_{102}^2\ \Phi_{57}\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{19}\ \Phi_{17}\ \Phi_6\ \Phi_3\ \Phi_1$
158643	1947	2500	$\frac{24}{625}$	$\frac{1}{25}$	$\frac{1}{4}$	$\frac{601}{1250}$	$\Phi_{2500}\ \Phi_{625}\ \Phi_{500}\ \Phi_{125}\ \Phi_{100}^2\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
158644	1947	676	$\frac{1}{26}$	$\frac{27}{676}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{676}^3\ \Phi_{338}^3\ \Phi_{169}^3\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{13}\ \Phi_4\ \Phi_1$
158645	1947	1248	$\frac{1}{26}$	$\frac{25}{624}$	$\frac{1}{4}$	$\frac{599}{1248}$	$\Phi_{1248}^3\ \Phi_{416}^3\ \Phi_{96}^3\ \Phi_{52}^2\ \Phi_{32}^3\ \Phi_{26}\ \Phi_{13}\ \Phi_4\ \Phi_1$
158646	1947	3724	$\frac{85}{1862}$	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{1777}{3724}$	$\Phi_{3724}\ \Phi_{532}\ \Phi_{196}\ \Phi_{98}\ \Phi_{76}\ \Phi_{49}\ \Phi_{28}\ \Phi_4\ \Phi_1$
158647	1947	2240	$\frac{13}{280}$	$\frac{1}{14}$	$\frac{293}{2240}$	$\frac{267}{560}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{64}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
158648	1947	63	$\frac{1}{21}$	$\frac{4}{63}$	$\frac{1}{7}$	$\frac{10}{21}$	$\Phi_{63}^{33}\ \Phi_{21}^{27}\ \Phi_9^{33}\ \Phi_7^{26}\ \Phi_3^{27}\ \Phi_1^{27}$
158649	1947	1360	$\frac{1}{34}$	$\frac{1}{20}$	$\frac{21}{80}$	$\frac{19}{40}$	$\Phi_{1360}^2\ \Phi_{340}^2\ \Phi_{272}^2\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{80}\ \Phi_{68}^2\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
158650	1947	1904	$\frac{1}{34}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{1904}^2\ \Phi_{272}^2\ \Phi_{112}\ \Phi_{68}^2\ \Phi_{34}\ \Phi_{17}\ \Phi_{16}\ \Phi_4\ \Phi_1$
158651	1947	560	$\frac{3}{56}$	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{53}{112}$	$\Phi_{560}^7\ \Phi_{112}^5\ \Phi_{80}^7\ \Phi_{35}^3\ \Phi_{16}^5\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
158652	1947	3640	$\frac{127}{1820}$	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{1693}{3640}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{280}\ \Phi_{140}\ \Phi_{104}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
158653	1947	2576	$\frac{15}{644}$	$\frac{1}{14}$	$\frac{629}{2576}$	$\frac{13}{28}$	$\Phi_{2576}\ \Phi_{1288}\ \Phi_{368}\ \Phi_{184}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
158654	1947	672	$\frac{23}{672}$	$\frac{1}{14}$	$\frac{5}{28}$	$\frac{13}{28}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{32}^3\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$
158655	1947	1870	$\frac{1}{34}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{51}{110}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{374}\ \Phi_{187}\ \Phi_{170}^2\ \Phi_{85}^2\ \Phi_{55}\ \Phi_{34}\ \Phi_{17}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
158656	1947	1200	$\frac{1}{50}$	$\frac{49}{600}$	$\frac{1}{4}$	$\frac{551}{1200}$	$\Phi_{1200}^3\ \Phi_{400}^3\ \Phi_{240}^3\ \Phi_{100}^2\ \Phi_{80}^3\ \Phi_{50}\ \Phi_{48}^3\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
158657	1947	1224	$\frac{1}{34}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{1224}^2\ \Phi_{612}^2\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{72}\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{36}\ \Phi_{34}\ \Phi_{18}\ \Phi_{17}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
158658	1947	1836	$\frac{1}{34}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	$\Phi_{1836}^2\ \Phi_{612}^2\ \Phi_{204}^2\ \Phi_{108}\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{36}\ \Phi_{34}\ \Phi_{17}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
158659	1947	672	$\frac{23}{672}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{42}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
158660	1947	440	$\frac{1}{88}$	$\frac{1}{10}$	$\frac{29}{88}$	$\frac{9}{20}$	$\Phi_{440}^4\ \Phi_{220}^4\ \Phi_{110}^4\ \Phi_{88}^6\ \Phi_{55}^4\ \Phi_{44}^6\ \Phi_{40}^4\ \Phi_{22}^6\ \Phi_{20}^5\ \Phi_{11}^6\ \Phi_{10}^4\ \Phi_8^6\ \Phi_5^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
158661	1947	60	$\frac{1}{60}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{60}^{33}\ \Phi_{30}^{33}\ \Phi_{20}^{32}\ \Phi_{15}^{33}\ \Phi_{12}^{33}\ \Phi_{10}^{31}\ \Phi_6^{33}\ \Phi_5^{31}\ \Phi_4^{31}\ \Phi_3^{33}\ \Phi_2^{30}\ \Phi_1^{31}$
158662	1947	220	$\frac{1}{44}$	$\frac{1}{10}$	$\frac{43}{220}$	$\frac{9}{20}$	$\Phi_{220}^9\ \Phi_{110}^9\ \Phi_{55}^9\ \Phi_{44}^8\ \Phi_{22}^8\ \Phi_{20}^{10}\ \Phi_{11}^8\ \Phi_{10}^9\ \Phi_5^9\ \Phi_4^9\ \Phi_2^8\ \Phi_1^9$
158663	1947	920	$\frac{7}{184}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{20}$	$\Phi_{920}^2\ \Phi_{460}^2\ \Phi_{230}^2\ \Phi_{184}^3\ \Phi_{115}^2\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{23}^3\ \Phi_{20}\ \Phi_4\ \Phi_1$
158664	1947	660	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{7}{66}$	$\frac{9}{20}$	$\Phi_{660}^6\ \Phi_{220}^4\ \Phi_{132}^6\ \Phi_{66}^3\ \Phi_{60}^6\ \Phi_{44}^4\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{20}^5\ \Phi_{12}^6\ \Phi_{11}^2\ \Phi_6^3\ \Phi_4^5\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
158665	1947	3740	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{3740}\ \Phi_{748}\ \Phi_{340}\ \Phi_{187}\ \Phi_{68}\ \Phi_{20}\ \Phi_{17}\ \Phi_4\ \Phi_1$
158666	1947	320	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{320}^6\ \Phi_{160}^6\ \Phi_{80}^4\ \Phi_{64}^9\ \Phi_{40}^4\ \Phi_{32}^9\ \Phi_{20}^5\ \Phi_{16}^6\ \Phi_{10}^4\ \Phi_8^6\ \Phi_5^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
158667	1947	1176	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{61}{588}$	$\frac{527}{1176}$	$\Phi_{1176}^3\ \Phi_{392}^3\ \Phi_{196}\ \Phi_{168}^3\ \Phi_{98}\ \Phi_{56}^3\ \Phi_{49}\ \Phi_{28}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
158668	1947	2340	$\frac{1}{65}$	$\frac{64}{585}$	$\frac{1}{4}$	$\frac{521}{1170}$	$\Phi_{2340}\ \Phi_{780}\ \Phi_{585}\ \Phi_{468}\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{180}\ \Phi_{156}\ \Phi_{130}\ \Phi_{117}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}^2\ \Phi_{45}\ \Phi_{39}\ \Phi_{36}\ \Phi_{26}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
158669	1947	3472	$\frac{6}{217}$	$\frac{211}{1736}$	$\frac{1}{7}$	$\frac{1525}{3472}$	$\Phi_{3472}\ \Phi_{496}\ \Phi_{217}\ \Phi_{112}\ \Phi_{31}\ \Phi_{16}\ \Phi_1$
158670	1947	315	$\frac{2}{35}$	$\frac{4}{63}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{315}^7\ \Phi_{105}^7\ \Phi_{63}^5\ \Phi_{45}^7\ \Phi_{35}^3\ \Phi_{21}^5\ \Phi_{15}^7\ \Phi_9^5\ \Phi_7^2\ \Phi_5^3\ \Phi_3^5\ \Phi_1^3$
158671	1947	1120	$\frac{13}{280}$	$\frac{1}{14}$	$\frac{89}{560}$	$\frac{471}{1120}$	$\Phi_{1120}^3\ \Phi_{280}\ \Phi_{224}^3\ \Phi_{160}^3\ \Phi_{140}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}^3\ \Phi_{28}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
158672	1947	1112	$\frac{1}{139}$	$\frac{93}{556}$	$\frac{46}{139}$	$\frac{463}{1112}$	$\Phi_{1112}^3\ \Phi_{139}^2\ \Phi_8^3\ \Phi_1^3$
158673	1947	1700	$\frac{1}{34}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{100}$	$\Phi_{1700}^2\ \Phi_{340}^2\ \Phi_{170}^2\ \Phi_{100}\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
158674	1947	2780	$\frac{1}{139}$	$\frac{138}{695}$	$\frac{833}{2780}$	$\frac{557}{1390}$	$\Phi_{2780}\ \Phi_{695}\ \Phi_{556}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
158675	1947	1602	$\frac{1}{178}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1602}\ \Phi_{801}\ \Phi_{534}^2\ \Phi_{267}^2\ \Phi_{178}\ \Phi_{89}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
158676	1947	1632	$\frac{1}{34}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{1632}^2\ \Phi_{544}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{96}\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
158677	1947	672	$\frac{23}{672}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{112}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^2\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
158678	1947	3136	$\frac{13}{392}$	$\frac{1}{14}$	$\frac{379}{1568}$	$\frac{1189}{3136}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{64}\ \Phi_{56}\ \Phi_{49}\ \Phi_{28}\ \Phi_8\ \Phi_4\ \Phi_1$
158679	1947	1040	$\frac{1}{130}$	$\frac{129}{520}$	$\frac{1}{4}$	$\frac{391}{1040}$	$\Phi_{1040}^3\ \Phi_{260}^2\ \Phi_{208}^3\ \Phi_{130}\ \Phi_{80}^3\ \Phi_{65}\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
158680	1947	1424	$\frac{1}{178}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1424}^2\ \Phi_{356}^2\ \Phi_{178}\ \Phi_{89}\ \Phi_{16}\ \Phi_4\ \Phi_1$
158681	1947	1088	$\frac{1}{34}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1088}^2\ \Phi_{544}^2\ \Phi_{272}^2\ \Phi_{68}^2\ \Phi_{64}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{16}\ \Phi_4\ \Phi_1$
158682	1947	658	$\frac{9}{658}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{658}^3\ \Phi_{329}^3\ \Phi_{94}^3\ \Phi_{47}^3\ \Phi_7^2\ \Phi_1^3$
158683	1947	1530	$\frac{1}{34}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{90}$	$\Phi_{1530}\ \Phi_{765}\ \Phi_{510}^2\ \Phi_{306}\ \Phi_{255}^2\ \Phi_{170}^2\ \Phi_{153}\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{51}^2\ \Phi_{45}\ \Phi_{34}\ \Phi_{30}\ \Phi_{17}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
158684	1947	695	$\frac{4}{139}$	$\frac{46}{695}$	$\frac{45}{139}$	$\frac{47}{139}$	$\Phi_{695}^3\ \Phi_{139}^2\ \Phi_5^3\ \Phi_1^3$
158685	1947	980	$\frac{13}{490}$	$\frac{1}{14}$	$\frac{159}{490}$	$\frac{331}{980}$	$\Phi_{980}^3\ \Phi_{490}\ \Phi_{245}\ \Phi_{196}^3\ \Phi_{140}^3\ \Phi_{98}\ \Phi_{70}\ \Phi_{49}\ \Phi_{35}\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{10}\ \Phi_5\ \Phi_4^3\ \Phi_1$
158686	1947	834	$\frac{1}{139}$	$\frac{185}{834}$	$\frac{46}{139}$	$\frac{93}{278}$	$\Phi_{834}^3\ \Phi_{417}^3\ \Phi_{139}^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
158687	1947	1320	$\frac{1}{88}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{29}{88}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{330}^2\ \Phi_{264}^2\ \Phi_{165}^2\ \Phi_{132}^2\ \Phi_{120}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
158688	1947	780	$\frac{1}{65}$	$\frac{131}{780}$	$\frac{1}{4}$	$\frac{64}{195}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^3\ \Phi_{195}^3\ \Phi_{156}^2\ \Phi_{130}^3\ \Phi_{78}^2\ \Phi_{65}^3\ \Phi_{60}^2\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{30}^2\ \Phi_{26}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{13}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
158689	1947	966	$\frac{5}{322}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{317}{966}$	$\Phi_{966}^3\ \Phi_{483}^3\ \Phi_{138}^3\ \Phi_{69}^3\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
158690	1947	1500	$\frac{1}{50}$	$\frac{101}{750}$	$\frac{1}{4}$	$\frac{49}{150}$	$\Phi_{1500}^2\ \Phi_{750}\ \Phi_{500}^2\ \Phi_{375}\ \Phi_{250}\ \Phi_{125}\ \Phi_{100}^2\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
158691	1947	960	$\frac{9}{320}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{311}{960}$	$\Phi_{960}^3\ \Phi_{480}^3\ \Phi_{240}^3\ \Phi_{192}^3\ \Phi_{120}^3\ \Phi_{96}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
158692	1947	1392	$\frac{1}{29}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{28}{87}$	$\Phi_{1392}^2\ \Phi_{696}^2\ \Phi_{348}^2\ \Phi_{174}^2\ \Phi_{87}^3\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
158693	1947	348	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{28}{87}$	$\Phi_{348}^5\ \Phi_{174}^5\ \Phi_{116}^6\ \Phi_{87}^6\ \Phi_{58}^6\ \Phi_{29}^6\ \Phi_{12}^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
158694	1947	3480	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{28}{87}$	$\Phi_{3480}\ \Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{120}\ \Phi_{87}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$
158695	1947	1404	$\frac{1}{26}$	$\frac{53}{702}$	$\frac{1}{4}$	$\frac{25}{78}$	$\Phi_{1404}^2\ \Phi_{702}\ \Phi_{468}^2\ \Phi_{351}\ \Phi_{234}\ \Phi_{117}\ \Phi_{108}^2\ \Phi_{54}\ \Phi_{52}^2\ \Phi_{36}^2\ \Phi_{27}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_9\ \Phi_4\ \Phi_1$
158696	1947	952	$\frac{43}{952}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{303}{952}$	$\Phi_{952}^2\ \Phi_{476}^2\ \Phi_{238}^2\ \Phi_{136}^2\ \Phi_{119}^2\ \Phi_{68}^2\ \Phi_{56}^3\ \Phi_{34}^2\ \Phi_{28}^3\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
158697	1947	840	$\frac{13}{280}$	$\frac{1}{14}$	$\frac{191}{840}$	$\frac{89}{280}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{280}\ \Phi_{210}^3\ \Phi_{168}^3\ \Phi_{140}\ \Phi_{120}^3\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}\ \Phi_{60}^3\ \Phi_{56}\ \Phi_{42}^3\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}^3\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{20}\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}\ \Phi_8\ \Phi_6^3\ \Phi_5\ \Phi_4\ \Phi_3^3\ \Phi_1$
158698	1947	945	$\frac{19}{315}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{296}{945}$	$\Phi_{945}^3\ \Phi_{189}^3\ \Phi_{135}^3\ \Phi_{27}^3\ \Phi_{21}^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
158699	1947	784	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{135}{784}$	$\frac{61}{196}$	$\Phi_{784}^3\ \Phi_{392}^3\ \Phi_{196}\ \Phi_{112}^3\ \Phi_{98}\ \Phi_{56}^3\ \Phi_{49}\ \Phi_{28}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
158700	1947	936	$\frac{1}{26}$	$\frac{25}{312}$	$\frac{1}{4}$	$\frac{287}{936}$	$\Phi_{936}^{3}\ \Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{117}^{3}\ \Phi_{72}^{3}\ \Phi_{52}^{2}\ \Phi_{36}^{3}\ \Phi_{26}\ \Phi_{18}^{3}\ \Phi_{13}\ \Phi_{9}^{3}\ \Phi_{4}\ \Phi_{1}$
158701	1947	63	$\frac{4}{63}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{63}$	$\Phi_{63}^{30}\ \Phi_{21}^{33}\ \Phi_{9}^{30}\ \Phi_{7}^{32}\ \Phi_{3}^{33}\ \Phi_{1}^{33}$
158702	1947	1428	$\frac{1}{34}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{1428}^{2}\ \Phi_{714}^{2}\ \Phi_{357}^{2}\ \Phi_{204}^{2}\ \Phi_{102}^{2}\ \Phi_{84}\ \Phi_{68}^{2}\ \Phi_{51}^{2}\ \Phi_{42}\ \Phi_{34}\ \Phi_{21}\ \Phi_{17}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
158703	1947	420	$\frac{2}{35}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{84}$	$\Phi_{420}^{7}\ \Phi_{210}^{7}\ \Phi_{105}^{7}\ \Phi_{84}^{5}\ \Phi_{60}^{7}\ \Phi_{42}^{5}\ \Phi_{35}^{3}\ \Phi_{30}^{7}\ \Phi_{21}^{5}\ \Phi_{15}^{7}\ \Phi_{12}^{5}\ \Phi_{7}^{2}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{3}^{5}\ \Phi_{1}^{3}$
158704	1947	182	$\frac{5}{182}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{182}^{11}\ \Phi_{91}^{11}\ \Phi_{26}^{11}\ \Phi_{14}^{6}\ \Phi_{13}^{11}\ \Phi_{7}^{8}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
158705	1947	805	$\frac{5}{161}$	$\frac{1}{7}$	$\frac{156}{805}$	$\frac{2}{7}$	$\Phi_{805}^{3}\ \Phi_{115}^{3}\ \Phi_{35}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
158706	1947	672	$\frac{23}{672}$	$\frac{1}{7}$	$\frac{5}{28}$	$\frac{2}{7}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{3}\ \Phi_{96}^{3}\ \Phi_{84}^{3}\ \Phi_{56}^{3}\ \Phi_{48}^{3}\ \Phi_{42}^{3}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
158707	1947	900	$\frac{1}{50}$	$\frac{49}{300}$	$\frac{1}{4}$	$\frac{251}{900}$	$\Phi_{900}^{3}\ \Phi_{450}^{3}\ \Phi_{225}^{3}\ \Phi_{180}^{3}\ \Phi_{100}^{2}\ \Phi_{90}^{3}\ \Phi_{50}\ \Phi_{45}^{3}\ \Phi_{36}^{3}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{18}^{3}\ \Phi_{10}\ \Phi_{9}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
158708	1947	1224	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{1224}^{2}\ \Phi_{612}^{2}\ \Phi_{408}^{2}\ \Phi_{204}^{2}\ \Phi_{136}^{2}\ \Phi_{102}^{2}\ \Phi_{72}\ \Phi_{68}^{2}\ \Phi_{51}^{2}\ \Phi_{36}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
158709	1947	700	$\frac{1}{14}$	$\frac{51}{700}$	$\frac{13}{70}$	$\frac{19}{70}$	$\Phi_{700}^{3}\ \Phi_{350}^{3}\ \Phi_{175}^{3}\ \Phi_{140}^{3}\ \Phi_{100}^{3}\ \Phi_{70}\ \Phi_{50}^{3}\ \Phi_{35}\ \Phi_{28}^{3}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}^{3}\ \Phi_{1}$
158710	1947	60	$\frac{1}{60}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{60}^{32}\ \Phi_{30}^{32}\ \Phi_{20}^{33}\ \Phi_{15}^{33}\ \Phi_{12}^{32}\ \Phi_{10}^{33}\ \Phi_{6}^{32}\ \Phi_{5}^{33}\ \Phi_{4}^{32}\ \Phi_{3}^{33}\ \Phi_{2}^{32}\ \Phi_{1}^{33}$
158711	1947	660	$\frac{1}{44}$	$\frac{43}{220}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{660}^{4}\ \Phi_{330}^{4}\ \Phi_{220}\ \Phi_{165}^{4}\ \Phi_{132}^{4}\ \Phi_{110}\ \Phi_{66}^{4}\ \Phi_{60}^{4}\ \Phi_{55}\ \Phi_{33}^{4}\ \Phi_{30}^{4}\ \Phi_{20}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{6}^{4}\ \Phi_{5}\ \Phi_{3}^{5}\ \Phi_{1}$
158712	1947	2760	$\frac{7}{184}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
158713	1947	330	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{330}^{5}\ \Phi_{165}^{5}\ \Phi_{110}^{6}\ \Phi_{66}^{8}\ \Phi_{55}^{6}\ \Phi_{33}^{8}\ \Phi_{30}^{5}\ \Phi_{22}^{8}\ \Phi_{15}^{6}\ \Phi_{11}^{8}\ \Phi_{10}^{6}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
158714	1947	2805	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2805}\ \Phi_{561}\ \Phi_{255}\ \Phi_{187}\ \Phi_{51}\ \Phi_{17}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
158715	1947	960	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{960}^{3}\ \Phi_{480}^{3}\ \Phi_{240}^{2}\ \Phi_{192}^{3}\ \Phi_{120}^{2}\ \Phi_{96}^{3}\ \Phi_{64}^{3}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{32}^{3}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
158716	1947	868	$\frac{6}{217}$	$\frac{1}{7}$	$\frac{211}{868}$	$\frac{219}{868}$	$\Phi_{868}^{2}\ \Phi_{434}^{2}\ \Phi_{217}^{3}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{31}^{3}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
158717	1947	860	$\frac{4}{215}$	$\frac{1}{5}$	$\frac{211}{860}$	$\frac{1}{4}$	$\Phi_{860}^{2}\ \Phi_{430}^{2}\ \Phi_{215}^{3}\ \Phi_{172}^{2}\ \Phi_{86}^{2}\ \Phi_{43}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
158718	1947	800	$\frac{1}{50}$	$\frac{151}{800}$	$\frac{49}{200}$	$\frac{1}{4}$	$\Phi_{800}^{3}\ \Phi_{400}^{3}\ \Phi_{160}^{3}\ \Phi_{100}^{2}\ \Phi_{80}^{3}\ \Phi_{50}\ \Phi_{32}^{3}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
158719	1947	728	$\frac{1}{26}$	$\frac{79}{728}$	$\frac{25}{104}$	$\frac{1}{4}$	$\Phi_{728}^{3}\ \Phi_{364}^{3}\ \Phi_{182}^{3}\ \Phi_{91}^{3}\ \Phi_{56}^{3}\ \Phi_{52}^{2}\ \Phi_{28}^{3}\ \Phi_{26}\ \Phi_{14}^{3}\ \Phi_{13}\ \Phi_{7}^{3}\ \Phi_{4}\ \Phi_{1}$
158720	1947	680	$\frac{31}{680}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{680}^{3}\ \Phi_{340}^{3}\ \Phi_{170}^{3}\ \Phi_{136}^{3}\ \Phi_{85}^{3}\ \Phi_{68}^{3}\ \Phi_{34}^{3}\ \Phi_{20}^{2}\ \Phi_{17}^{3}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
158721	1947	832	$\frac{1}{26}$	$\frac{25}{208}$	$\frac{183}{832}$	$\frac{1}{4}$	$\Phi_{832}^{3}\ \Phi_{416}^{3}\ \Phi_{64}^{3}\ \Phi_{52}^{2}\ \Phi_{32}^{3}\ \Phi_{26}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
158722	1947	1500	$\frac{1}{25}$	$\frac{101}{750}$	$\frac{24}{125}$	$\frac{1}{4}$	$\Phi_{1500}^{2}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}^{2}\ \Phi_{150}\ \Phi_{125}\ \Phi_{100}^{2}\ \Phi_{75}\ \Phi_{60}^{2}\ \Phi_{50}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
158723	1947	800	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{151}{800}$	$\frac{1}{4}$	$\Phi_{800}^{3}\ \Phi_{400}^{3}\ \Phi_{200}^{3}\ \Phi_{100}^{3}\ \Phi_{50}^{3}\ \Phi_{25}^{3}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
158724	1947	780	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{131}{780}$	$\frac{1}{4}$	$\Phi_{780}^{3}\ \Phi_{390}^{3}\ \Phi_{260}^{3}\ \Phi_{195}^{3}\ \Phi_{130}^{3}\ \Phi_{65}^{3}\ \Phi_{60}^{3}\ \Phi_{52}^{2}\ \Phi_{30}^{3}\ \Phi_{26}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{13}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{1}$
158725	1947	728	$\frac{1}{13}$	$\frac{79}{728}$	$\frac{12}{91}$	$\frac{1}{4}$	$\Phi_{728}^{3}\ \Phi_{364}^{2}\ \Phi_{182}^{2}\ \Phi_{104}^{3}\ \Phi_{91}^{3}\ \Phi_{56}^{3}\ \Phi_{52}^{3}\ \Phi_{28}^{2}\ \Phi_{26}^{3}\ \Phi_{14}^{2}\ \Phi_{13}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
158726	1947	720	$\frac{71}{720}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{4}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{3}\ \Phi_{180}^{3}\ \Phi_{144}^{3}\ \Phi_{120}^{3}\ \Phi_{90}^{3}\ \Phi_{72}^{3}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{45}^{3}\ \Phi_{36}^{3}\ \Phi_{30}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{2}\ \Phi_{18}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}^{3}\ \Phi_{1}$
158727	1947	840	$\frac{1}{14}$	$\frac{19}{210}$	$\frac{13}{70}$	$\frac{191}{840}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{280}^{3}\ \Phi_{168}^{3}\ \Phi_{140}^{3}\ \Phi_{120}^{3}\ \Phi_{84}^{3}\ \Phi_{70}\ \Phi_{60}^{3}\ \Phi_{56}^{3}\ \Phi_{40}^{3}\ \Phi_{35}\ \Phi_{28}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{3}\ \Phi_{12}^{3}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{5}\ \Phi_{4}^{3}\ \Phi_{1}$
158728	1947	840	$\frac{19}{210}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{191}{840}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{280}^{3}\ \Phi_{168}^{3}\ \Phi_{140}^{3}\ \Phi_{120}^{3}\ \Phi_{84}^{3}\ \Phi_{60}^{3}\ \Phi_{56}^{3}\ \Phi_{40}^{3}\ \Phi_{28}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{20}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
158729	1947	70	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{3}{14}$	$\Phi_{70}^{26}\ \Phi_{35}^{29}\ \Phi_{14}^{28}\ \Phi_{10}^{26}\ \Phi_{7}^{30}\ \Phi_{5}^{29}\ \Phi_{2}^{28}\ \Phi_{1}^{31}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
158730	1947	735	$\frac{2}{21}$	$\frac{86}{735}$	$\frac{1}{7}$	$\frac{19}{105}$	$\Phi_{735}^3\ \Phi_{245}^3\ \Phi_{147}^3\ \Phi_{49}^3\ \Phi_{21}^3\ \Phi_7^2\ \Phi_3^3\ \Phi_1^3$
158731	1947	756	$\frac{2}{21}$	$\frac{107}{756}$	$\frac{1}{7}$	$\frac{19}{126}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{252}^3\ \Phi_{189}^3\ \Phi_{108}^3\ \Phi_{84}^3\ \Phi_{54}^3\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{27}^3\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
158732	1948	972	$\frac{1}{486}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{485}{972}$	$\Phi_{972}^4\ \Phi_{324}^4\ \Phi_{108}^4\ \Phi_{36}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
158733	1948	1950	$\frac{1}{325}$	$\frac{163}{650}$	$\frac{1}{3}$	$\frac{162}{325}$	$\Phi_{1950}^2\ \Phi_{975}\ \Phi_{390}^2\ \Phi_{195}\ \Phi_{150}^2\ \Phi_{78}^2\ \Phi_{75}\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
158734	1948	2910	$\frac{2}{485}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{483}{970}$	$\Phi_{2910}^2\ \Phi_{582}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
158735	1948	585	$\frac{1}{195}$	$\frac{98}{585}$	$\frac{1}{3}$	$\frac{97}{195}$	$\Phi_{585}^4\ \Phi_{195}^2\ \Phi_{117}^4\ \Phi_{65}^2\ \Phi_{45}^4\ \Phi_{39}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
158736	1948	885	$\frac{1}{177}$	$\frac{89}{885}$	$\frac{398}{885}$	$\frac{88}{177}$	$\Phi_{885}^2\ \Phi_{295}^2\ \Phi_{177}^3\ \Phi_{59}^3\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^3\ \Phi_1^4$
158737	1948	968	$\frac{3}{484}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{481}{968}$	$\Phi_{968}^4\ \Phi_{88}^4\ \Phi_{11}\ \Phi_8^4\ \Phi_1^2$
158738	1948	4840	$\frac{3}{484}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{481}{968}$	$\Phi_{4840}\ \Phi_{440}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
158739	1948	1935	$\frac{13}{1935}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{961}{1935}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{387}\ \Phi_{215}\ \Phi_{129}\ \Phi_{45}\ \Phi_{43}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
158740	1948	2886	$\frac{6}{481}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{475}{962}$	$\Phi_{2886}^2\ \Phi_{222}^2\ \Phi_{78}^2\ \Phi_{39}\ \Phi_6^2$
158741	1948	525	$\frac{1}{75}$	$\frac{38}{525}$	$\frac{1}{3}$	$\frac{37}{75}$	$\Phi_{525}^4\ \Phi_{175}^4\ \Phi_{105}^4\ \Phi_{75}^2\ \Phi_{35}^4\ \Phi_{25}^2\ \Phi_{21}^4\ \Phi_{15}^2\ \Phi_7^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
158742	1948	960	$\frac{7}{480}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{473}{960}$	$\Phi_{960}^4\ \Phi_{320}^4\ \Phi_{192}^4\ \Phi_{64}^4\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
158743	1948	960	$\frac{7}{480}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{473}{960}$	$\Phi_{960}^4\ \Phi_{320}^4\ \Phi_{192}^4\ \Phi_{64}^4\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
158744	1948	1560	$\frac{1}{65}$	$\frac{33}{520}$	$\frac{1}{3}$	$\frac{32}{65}$	$\Phi_{1560}^2\ \Phi_{780}^2\ \Phi_{390}^2\ \Phi_{312}^2\ \Phi_{195}\ \Phi_{156}^2\ \Phi_{120}^2\ \Phi_{78}^2\ \Phi_{60}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
158745	1948	944	$\frac{1}{59}$	$\frac{15}{472}$	$\frac{457}{944}$	$\frac{29}{59}$	$\Phi_{944}^4\ \Phi_{59}\ \Phi_{16}^4\ \Phi_1^2$
158746	1948	708	$\frac{1}{59}$	$\frac{15}{236}$	$\frac{221}{708}$	$\frac{29}{59}$	$\Phi_{708}^4\ \Phi_{354}^4\ \Phi_{177}^4\ \Phi_{59}\ \Phi_{12}^4\ \Phi_6^4\ \Phi_3^4\ \Phi_1^2$
158747	1948	531	$\frac{1}{59}$	$\frac{44}{531}$	$\frac{15}{59}$	$\frac{29}{59}$	$\Phi_{531}^4\ \Phi_{177}^4\ \Phi_{59}\ \Phi_9^4\ \Phi_3^4\ \Phi_1^2$
158748	1948	590	$\frac{1}{59}$	$\frac{15}{118}$	$\frac{103}{590}$	$\frac{29}{59}$	$\Phi_{590}^4\ \Phi_{295}^4\ \Phi_{59}\ \Phi_{10}^4\ \Phi_5^4\ \Phi_1^2$
158749	1948	957	$\frac{17}{957}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{470}{957}$	$\Phi_{957}^2\ \Phi_{319}^2\ \Phi_{87}^2\ \Phi_{33}^3\ \Phi_{29}^2\ \Phi_{11}^3\ \Phi_3^3\ \Phi_1^4$
158750	1948	1911	$\frac{37}{1911}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{937}{1911}$	$\Phi_{1911}\ \Phi_{637}\ \Phi_{273}\ \Phi_{147}\ \Phi_{91}\ \Phi_{49}\ \Phi_{39}^2\ \Phi_{21}\ \Phi_{13}^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
158751	1948	2850	$\frac{12}{475}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{463}{950}$	$\Phi_{2850}^2\ \Phi_{570}^2\ \Phi_{150}^2\ \Phi_{114}^2\ \Phi_{75}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
158752	1948	507	$\frac{1}{39}$	$\frac{20}{507}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{507}^4\ \Phi_{169}^4\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
158753	1948	1881	$\frac{1}{33}$	$\frac{67}{1881}$	$\frac{32}{99}$	$\frac{907}{1881}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{209}\ \Phi_{171}\ \Phi_{99}^2\ \Phi_{57}\ \Phi_{33}\ \Phi_{19}\ \Phi_{11}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
158754	1948	1875	$\frac{2}{75}$	$\frac{73}{1875}$	$\frac{1}{3}$	$\frac{901}{1875}$	$\Phi_{1875}\ \Phi_{625}\ \Phi_{375}\ \Phi_{125}\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
158755	1948	1500	$\frac{13}{500}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{1500}^2\ \Phi_{750}^2\ \Phi_{375}^2\ \Phi_{300}^2\ \Phi_{150}^2\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2$
158756	1948	936	$\frac{1}{39}$	$\frac{19}{468}$	$\frac{1}{3}$	$\frac{449}{936}$	$\Phi_{936}^4\ \Phi_{312}^4\ \Phi_{104}^4\ \Phi_{72}^4\ \Phi_{39}^2\ \Phi_{24}^4\ \Phi_{13}^2\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
158757	1948	660	$\frac{1}{33}$	$\frac{8}{165}$	$\frac{173}{660}$	$\frac{157}{330}$	$\Phi_{660}^4\ \Phi_{220}^4\ \Phi_{165}^4\ \Phi_{132}^4\ \Phi_{60}^4\ \Phi_{55}^4\ \Phi_{44}^4\ \Phi_{33}^3\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{11}^3\ \Phi_5^4\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
158758	1948	924	$\frac{1}{33}$	$\frac{25}{462}$	$\frac{8}{33}$	$\frac{437}{924}$	$\Phi_{924}^4\ \Phi_{308}^4\ \Phi_{132}^4\ \Phi_{84}^4\ \Phi_{44}^4\ \Phi_{33}^3\ \Phi_{28}^4\ \Phi_{12}^4\ \Phi_{11}^3\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
158759	1948	495	$\frac{8}{495}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{45}^4\ \Phi_{33}^4\ \Phi_{15}^2\ \Phi_{11}^4\ \Phi_9^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
158760	1948	2730	$\frac{1}{65}$	$\frac{32}{455}$	$\frac{1}{3}$	$\frac{423}{910}$	$\Phi_{2730}^2\ \Phi_{546}^2\ \Phi_{390}^2\ \Phi_{210}^2\ \Phi_{195}\ \Phi_{78}^2\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
158761	1948	1815	$\frac{1}{33}$	$\frac{133}{1815}$	$\frac{32}{165}$	$\frac{841}{1815}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{363}\ \Phi_{165}^2\ \Phi_{121}\ \Phi_{55}^2\ \Phi_{33}\ \Phi_{15}^2\ \Phi_{11}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
158762	1948	1482	$\frac{7}{494}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{1482}^2\ \Phi_{741}^2\ \Phi_{114}^2\ \Phi_{78}^2\ \Phi_{57}^2\ \Phi_{39}\ \Phi_6^2$
158763	1948	594	$\frac{1}{33}$	$\frac{8}{99}$	$\frac{107}{594}$	$\frac{91}{198}$	$\Phi_{594}^4\ \Phi_{297}^4\ \Phi_{99}^4\ \Phi_{54}^4\ \Phi_{33}^3\ \Phi_{27}^4\ \Phi_{11}^3\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
158764	1948	900	$\frac{1}{75}$	$\frac{37}{450}$	$\frac{1}{3}$	$\frac{413}{900}$	$\Phi_{900}^4\ \Phi_{300}^4\ \Phi_{180}^4\ \Phi_{100}^4\ \Phi_{75}^2\ \Phi_{60}^4\ \Phi_{36}^4\ \Phi_{25}^2\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
158765	1948	726	$\frac{3}{242}$	$\frac{1}{11}$	$\frac{239}{726}$	$\frac{5}{11}$	$\Phi_{726}^4\ \Phi_{363}^4\ \Phi_{66}^4\ \Phi_{33}^4\ \Phi_{11}\ \Phi_6^4\ \Phi_3^4\ \Phi_1^2$
158766	1948	495	$\frac{8}{495}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{45}^4\ \Phi_{33}^4\ \Phi_{15}^4\ \Phi_{11}\ \Phi_9^4\ \Phi_5^4\ \Phi_3^4\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
158767	1948	605	$\frac{3}{121}$	$\frac{1}{11}$	$\frac{118}{605}$	$\frac{5}{11}$	$\Phi_{605}^4\ \Phi_{55}^4\ \Phi_{11}\ \Phi_5^4\ \Phi_1^2$
158768	1948	506	$\frac{19}{506}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{506}^4\ \Phi_{253}^4\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{11}\ \Phi_1^2$
158769	1948	1089	$\frac{6}{121}$	$\frac{1}{11}$	$\frac{115}{1089}$	$\frac{5}{11}$	$\Phi_{1089}^2\ \Phi_{363}^2\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
158770	1948	528	$\frac{3}{44}$	$\frac{41}{528}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{176}^4\ \Phi_{132}^4\ \Phi_{88}^4\ \Phi_{66}^4\ \Phi_{48}^4\ \Phi_{33}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_{11}$ $\Phi_8^4\ \Phi_6^4\ \Phi_3^4\ \Phi_1^2$
158771	1948	891	$\frac{1}{33}$	$\frac{83}{891}$	$\frac{16}{99}$	$\frac{404}{891}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{99}^4\ \Phi_{81}^2\ \Phi_{33}^3\ \Phi_{27}^2\ \Phi_{11}^3\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
158772	1948	1755	$\frac{2}{195}$	$\frac{193}{1755}$	$\frac{1}{3}$	$\frac{781}{1755}$	$\Phi_{1755}\ \Phi_{585}\ \Phi_{351}\ \Phi_{195}^2\ \Phi_{135}\ \Phi_{117}\ \Phi_{65}^2\ \Phi_{45}\ \Phi_{39}^2\ \Phi_{27}\ \Phi_{15}^2$ $\Phi_{13}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
158773	1948	2480	$\frac{9}{496}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{2480}\ \Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{155}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
158774	1948	4270	$\frac{1}{61}$	$\frac{60}{427}$	$\frac{1}{5}$	$\frac{367}{854}$	$\Phi_{4270}\ \Phi_{610}\ \Phi_{305}\ \Phi_{70}\ \Phi_{10}$
158775	1948	825	$\frac{1}{33}$	$\frac{16}{165}$	$\frac{149}{825}$	$\frac{338}{825}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}^4\ \Phi_{75}^2\ \Phi_{55}^4\ \Phi_{33}^3\ \Phi_{25}^2\ \Phi_{15}^4\ \Phi_{11}^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
158776	1948	1470	$\frac{3}{490}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1470}^2\ \Phi_{735}^2\ \Phi_{294}^2\ \Phi_{210}^2\ \Phi_{147}^2\ \Phi_{105}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_6^2$
158777	1948	1593	$\frac{1}{177}$	$\frac{355}{1593}$	$\frac{176}{531}$	$\frac{619}{1593}$	$\Phi_{1593}\ \Phi_{531}^2\ \Phi_{177}\ \Phi_{59}\ \Phi_{27}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
158778	1948	792	$\frac{1}{33}$	$\frac{8}{99}$	$\frac{91}{396}$	$\frac{305}{792}$	$\Phi_{792}^4\ \Phi_{264}^4\ \Phi_{99}^4\ \Phi_{88}^4\ \Phi_{72}^4\ \Phi_{33}^3\ \Phi_{24}^4\ \Phi_{11}^3\ \Phi_9^4\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
158779	1948	528	$\frac{1}{33}$	$\frac{41}{528}$	$\frac{8}{33}$	$\frac{25}{66}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{176}^4\ \Phi_{132}^4\ \Phi_{88}^4\ \Phi_{48}^4\ \Phi_{44}^4\ \Phi_{33}^3\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_{11}^3$ $\Phi_8^4\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
158780	1948	708	$\frac{1}{177}$	$\frac{44}{177}$	$\frac{221}{708}$	$\frac{133}{354}$	$\Phi_{708}^4\ \Phi_{236}^4\ \Phi_{177}^3\ \Phi_{59}^3\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
158781	1948	780	$\frac{1}{195}$	$\frac{97}{390}$	$\frac{1}{3}$	$\frac{293}{780}$	$\Phi_{780}^4\ \Phi_{260}^4\ \Phi_{195}^2\ \Phi_{156}^4\ \Phi_{65}^2\ \Phi_{60}^4\ \Phi_{52}^4\ \Phi_{39}^2\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{12}^4$ $\Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
158782	1948	1485	$\frac{1}{33}$	$\frac{32}{495}$	$\frac{463}{1485}$	$\frac{511}{1485}$	$\Phi_{1485}\ \Phi_{495}^2\ \Phi_{297}\ \Phi_{165}^2\ \Phi_{135}\ \Phi_{99}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}\ \Phi_{27}\ \Phi_{15}^2$ $\Phi_{11}\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
158783	1948	3660	$\frac{1}{122}$	$\frac{1}{5}$	$\frac{121}{366}$	$\frac{245}{732}$	$\Phi_{3660}\ \Phi_{1220}\ \Phi_{610}\ \Phi_{305}\ \Phi_{60}\ \Phi_{20}\ \Phi_{10}$
158784	1948	489	$\frac{2}{489}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{489}^4\ \Phi_{163}^4\ \Phi_3\ \Phi_1^2$
158785	1948	729	$\frac{1}{243}$	$\frac{242}{729}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{729}^4\ \Phi_3\ \Phi_1^2$
158786	1948	648	$\frac{1}{162}$	$\frac{161}{648}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{648}^4\ \Phi_{324}^4\ \Phi_{216}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
158787	1948	981	$\frac{7}{981}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{981}^2\ \Phi_{327}^2\ \Phi_{109}^2\ \Phi_3\ \Phi_1^2$
158788	1948	1215	$\frac{2}{243}$	$\frac{241}{1215}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1215}^2\ \Phi_{405}^2\ \Phi_{135}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
158789	1948	492	$\frac{5}{492}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{492}^4\ \Phi_{246}^4\ \Phi_{164}^4\ \Phi_{123}^4\ \Phi_{82}^4\ \Phi_{41}^4\ \Phi_{12}^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
158790	1948	567	$\frac{1}{81}$	$\frac{80}{567}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{567}^4\ \Phi_{189}^4\ \Phi_{63}^4\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
158791	1948	495	$\frac{8}{495}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{45}^4\ \Phi_{33}^4\ \Phi_{15}^4\ \Phi_{11}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
158792	1948	540	$\frac{1}{54}$	$\frac{53}{540}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4$ $\Phi_{12}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
158793	1948	1053	$\frac{2}{81}$	$\frac{79}{1053}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1053}^2\ \Phi_{351}^2\ \Phi_{117}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
158794	1948	999	$\frac{25}{999}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{999}^2\ \Phi_{333}^2\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_3\ \Phi_1^2$
158795	1948	504	$\frac{17}{504}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{72}^4\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{24}^4$ $\Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
158796	1948	513	$\frac{1}{27}$	$\frac{26}{513}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{513}^4\ \Phi_{171}^4\ \Phi_{57}^4\ \Phi_{19}^4\ \Phi_3\ \Phi_1^2$
158797	1948	1455	$\frac{4}{485}$	$\frac{1}{5}$	$\frac{481}{1455}$	$\frac{1}{3}$	$\Phi_{1455}\ \Phi_{485}^2\ \Phi_{291}\ \Phi_{97}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
158798	1948	585	$\frac{2}{195}$	$\frac{98}{585}$	$\frac{193}{585}$	$\frac{1}{3}$	$\Phi_{585}^3\ \Phi_{195}^4\ \Phi_{117}^3\ \Phi_{65}^4\ \Phi_{45}^3\ \Phi_{39}^4\ \Phi_{15}^4\ \Phi_{13}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
158799	1948	1125	$\frac{1}{75}$	$\frac{151}{1125}$	$\frac{74}{225}$	$\frac{1}{3}$	$\Phi_{1125}^2\ \Phi_{375}^2\ \Phi_{125}^2\ \Phi_{75}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
158800	1948	1443	$\frac{12}{481}$	$\frac{1}{13}$	$\frac{469}{1443}$	$\frac{1}{3}$	$\Phi_{1443}\ \Phi_{481}^2\ \Phi_{111}\ \Phi_{39}^2\ \Phi_{37}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
158801	1948	1053	$\frac{1}{39}$	$\frac{79}{1053}$	$\frac{38}{117}$	$\frac{1}{3}$	$\Phi_{1053}^2\ \Phi_{351}^2\ \Phi_{81}^2\ \Phi_{39}^2\ \Phi_{27}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
158802	1948	720	$\frac{7}{240}$	$\frac{1}{15}$	$\frac{233}{720}$	$\frac{1}{3}$	$\Phi_{720}^4\ \Phi_{360}^4\ \Phi_{180}^4\ \Phi_{144}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_9^4\ \Phi_5^2$ $\Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
158803	1948	1425	$\frac{1}{25}$	$\frac{24}{475}$	$\frac{451}{1425}$	$\frac{1}{3}$	$\Phi_{1425}\ \Phi_{475}^2\ \Phi_{285}\ \Phi_{95}^2\ \Phi_{75}^2\ \Phi_{57}\ \Phi_{25}^2\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
158804	1948	702	$\frac{1}{39}$	$\frac{19}{234}$	$\frac{215}{702}$	$\frac{1}{3}$	$\Phi_{702}^4\ \Phi_{351}^4\ \Phi_{54}^4\ \Phi_{39}^2\ \Phi_{27}^4\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
158805	1948	495	$\frac{8}{495}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{45}^3\ \Phi_{33}^4\ \Phi_{15}^4\ \Phi_{11}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
158806	1948	1365	$\frac{1}{65}$	$\frac{64}{455}$	$\frac{391}{1365}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}^2\ \Phi_{273}\ \Phi_{195}^2\ \Phi_{105}\ \Phi_{91}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{35}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
158807	1948	675	$\frac{1}{75}$	$\frac{37}{225}$	$\frac{188}{675}$	$\frac{1}{3}$	$\Phi_{675}^4\ \Phi_{135}^4\ \Phi_{75}^2\ \Phi_{27}^4\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
158808	1948	600	$\frac{1}{75}$	$\frac{113}{600}$	$\frac{37}{150}$	$\frac{1}{3}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{200}^4\ \Phi_{120}^4\ \Phi_{100}^4\ \Phi_{75}^2\ \Phi_{60}^4\ \Phi_{40}^4\ \Phi_{25}^2\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}^4\ \Phi_8^4\ \Phi_5^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
158809	1948	645	$\frac{13}{645}$	$\frac{2}{15}$	$\frac{158}{645}$	$\frac{1}{3}$	$\Phi_{645}^3\ \Phi_{215}^3\ \Phi_{129}^3\ \Phi_{43}^3\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
158810	1948	546	$\frac{1}{39}$	$\frac{59}{546}$	$\frac{19}{78}$	$\frac{1}{3}$	$\Phi_{546}^4\ \Phi_{273}^4\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{42}^4\ \Phi_{39}^2\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{13}^2\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
158811	1948	510	$\frac{23}{510}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{170}^4\ \Phi_{102}^4\ \Phi_{85}^4\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{17}^4\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
158812	1948	624	$\frac{1}{39}$	$\frac{19}{156}$	$\frac{137}{624}$	$\frac{1}{3}$	$\Phi_{624}^4\ \Phi_{312}^4\ \Phi_{208}^4\ \Phi_{104}^4\ \Phi_{48}^4\ \Phi_{39}^2\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{13}^2\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
158813	1948	1125	$\frac{2}{75}$	$\frac{151}{1125}$	$\frac{73}{375}$	$\frac{1}{3}$	$\Phi_{1125}^2\ \Phi_{375}\ \Phi_{225}^2\ \Phi_{125}\ \Phi_{75}^2\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
158814	1948	600	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{113}{600}$	$\frac{1}{3}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{200}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
158815	1948	585	$\frac{1}{39}$	$\frac{19}{117}$	$\frac{98}{585}$	$\frac{1}{3}$	$\Phi_{585}^4\ \Phi_{195}^4\ \Phi_{65}^4\ \Phi_{45}^4\ \Phi_{39}^2\ \Phi_{15}^4\ \Phi_{13}^2\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
158816	1948	546	$\frac{2}{39}$	$\frac{59}{546}$	$\frac{37}{273}$	$\frac{1}{3}$	$\Phi_{546}^4\ \Phi_{273}^3\ \Phi_{182}^4\ \Phi_{91}^3\ \Phi_{78}^4\ \Phi_{42}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{13}^4\ \Phi_7^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
158817	1948	540	$\frac{1}{15}$	$\frac{53}{540}$	$\frac{7}{60}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
158818	1948	720	$\frac{7}{240}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{233}{720}$	$\Phi_{720}^4\ \Phi_{360}^4\ \Phi_{180}^4\ \Phi_{144}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{45}^4\ \Phi_{40}\ \Phi_{36}^4\ \Phi_{20}\ \Phi_{18}^4\ \Phi_{10}\ \Phi_9^4$
158819	1948	693	$\frac{1}{33}$	$\frac{25}{231}$	$\frac{8}{33}$	$\frac{206}{693}$	$\Phi_{693}^4\ \Phi_{99}^4\ \Phi_{63}^4\ \Phi_{33}^3\ \Phi_{11}^3\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
158820	1948	2520	$\frac{17}{504}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{45}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
158821	1948	594	$\frac{1}{33}$	$\frac{16}{99}$	$\frac{107}{594}$	$\frac{83}{297}$	$\Phi_{594}^4\ \Phi_{297}^2\ \Phi_{198}^4\ \Phi_{99}^4\ \Phi_{66}^4\ \Phi_{54}^4\ \Phi_{33}^3\ \Phi_{27}^2\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{11}^3\ \Phi_9^4\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
158822	1948	2640	$\frac{3}{44}$	$\frac{41}{528}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{880}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{240}\ \Phi_{165}\ \Phi_{120}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
158823	1948	640	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{153}{640}$	$\Phi_{640}^4\ \Phi_{320}^4\ \Phi_{128}^4\ \Phi_{64}^4\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
158824	1948	2560	$\frac{25}{512}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{2560}\ \Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
158825	1948	600	$\frac{7}{120}$	$\frac{1}{8}$	$\frac{113}{600}$	$\frac{1}{5}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{200}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{40}\ \Phi_{25}^4\ \Phi_{20}\ \Phi_{10}$
158826	1948	520	$\frac{33}{520}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{5}$	$\Phi_{520}^4\ \Phi_{260}^4\ \Phi_{130}^4\ \Phi_{104}^4\ \Phi_{65}^4\ \Phi_{52}^4\ \Phi_{40}\ \Phi_{26}^4\ \Phi_{20}\ \Phi_{13}^4\ \Phi_{10}$
158827	1948	2880	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{576}$	$\frac{1}{5}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{960}\ \Phi_{720}\ \Phi_{360}\ \Phi_{320}\ \Phi_{180}\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
158828	1948	2640	$\frac{41}{528}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{5}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{880}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{55}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
158829	1948	560	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{560}$	$\frac{1}{5}$	$\Phi_{560}^4\ \Phi_{280}^4\ \Phi_{140}^4\ \Phi_{112}^4\ \Phi_{70}^4\ \Phi_{56}^4\ \Phi_{40}\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{20}\ \Phi_{14}^4\ \Phi_{10}\ \Phi_7^4$
158830	1949	3888	$\frac{5}{1944}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1939}{3888}$	$\Phi_{3888}\ \Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
158831	1949	3872	$\frac{13}{1936}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1923}{3872}$	$\Phi_{3872}\ \Phi_{352}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
158832	1949	3840	$\frac{29}{1920}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1891}{3840}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{256}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
158833	1949	1984	$\frac{35}{1984}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{32}\ \Phi_{31}\ \Phi_{16}\ \Phi_8\ \Phi_1$
158834	1949	3416	$\frac{3}{244}$	$\frac{241}{1708}$	$\frac{1}{4}$	$\frac{1467}{3416}$	$\Phi_{3416}\ \Phi_{488}\ \Phi_{244}\ \Phi_{122}\ \Phi_{61}\ \Phi_{56}\ \Phi_8\ \Phi_1$
158835	1949	2592	$\frac{5}{648}$	$\frac{643}{2592}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
158836	1949	1968	$\frac{19}{1968}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{492}\ \Phi_{328}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}\ \Phi_{48}\ \Phi_{41}\ \Phi_{16}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
158837	1949	2160	$\frac{5}{216}$	$\frac{211}{2160}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
158838	1949	2016	$\frac{67}{2016}$	$\frac{5}{72}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
158839	1949	2928	$\frac{3}{488}$	$\frac{1}{4}$	$\frac{485}{1464}$	$\frac{979}{2928}$	$\Phi_{2928}\ \Phi_{976}\ \Phi_{488}\ \Phi_{244}\ \Phi_{122}\ \Phi_{61}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
158840	1949	2880	$\frac{29}{960}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{931}{2880}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{576}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
158841	1949	2016	$\frac{67}{2016}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{96}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
158842	1949	2560	$\frac{29}{640}$	$\frac{3}{32}$	$\frac{611}{2560}$	$\frac{1}{4}$	$\Phi_{2560}\ \Phi_{1280}\ \Phi_{512}\ \Phi_{256}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
158843	1949	2048	$\frac{99}{2048}$	$\frac{3}{32}$	$\frac{29}{128}$	$\frac{1}{4}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
158844	1949	2400	$\frac{29}{480}$	$\frac{3}{32}$	$\frac{451}{2400}$	$\frac{1}{4}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_8\ \Phi_1$
158845	1949	2112	$\frac{13}{176}$	$\frac{163}{2112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{64}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
158846	1949	2080	$\frac{131}{2080}$	$\frac{3}{32}$	$\frac{29}{160}$	$\frac{1}{4}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_1$
158847	1949	2304	$\frac{29}{384}$	$\frac{3}{32}$	$\frac{355}{2304}$	$\frac{1}{4}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
158848	1949	2112	$\frac{163}{2112}$	$\frac{3}{32}$	$\frac{29}{192}$	$\frac{1}{4}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
158849	1949	2240	$\frac{29}{320}$	$\frac{3}{32}$	$\frac{291}{2240}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
158850	1950	3112	$\frac{1}{389}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{194}{389}$	$\Phi_{3112}\ \Phi_{389}\ \Phi_8^2\ \Phi_1^2$
158851	1950	3240	$\frac{1}{324}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{323}{648}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}^2\ \Phi_{360}\ \Phi_{216}^2\ \Phi_{120}\ \Phi_{72}^2\ \Phi_{40}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
158852	1950	648	$\frac{1}{324}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{323}{648}$	$\Phi_{648}^6\ \Phi_{216}^6\ \Phi_{72}^6\ \Phi_{24}^6\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
158853	1950	868	$\frac{1}{217}$	$\frac{1}{4}$	$\frac{109}{434}$	$\frac{108}{217}$	$\Phi_{868}^3\ \Phi_{434}\ \Phi_{217}^2\ \Phi_{124}^3\ \Phi_{62}\ \Phi_{31}^2\ \Phi_{28}^3\ \Phi_{14}\ \Phi_7^2\ \Phi_4^2\ \Phi_1^2$
158854	1950	3492	$\frac{1}{194}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{193}{388}$	$\Phi_{3492}\ \Phi_{1164}\ \Phi_{388}^2\ \Phi_{36}\ \Phi_{12}\ \Phi_9\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
158855	1950	1164	$\frac{1}{194}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{193}{388}$	$\Phi_{1164}^3\ \Phi_{388}^4\ \Phi_{12}^3\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
158856	1950	3576	$\frac{1}{149}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{74}{149}$	$\Phi_{3576}\ \Phi_{1192}\ \Phi_{149}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
158857	1950	2235	$\frac{1}{149}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{74}{149}$	$\Phi_{2235}\ \Phi_{745}\ \Phi_{149}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
158858	1950	2682	$\frac{1}{149}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{74}{149}$	$\Phi_{2682}\ \Phi_{1341}\ \Phi_{149}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
158859	1950	2384	$\frac{1}{149}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{74}{149}$	$\Phi_{2384}\ \Phi_{1192}\ \Phi_{149}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
158860	1950	5808	$\frac{7}{968}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{961}{1936}$	$\Phi_{5808}\ \Phi_{528}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
158861	1950	3612	$\frac{1}{129}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{64}{129}$	$\Phi_{3612}\ \Phi_{1204}\ \Phi_{516}\ \Phi_{172}\ \Phi_{129}\ \Phi_{84}\ \Phi_{43}\ \Phi_{28}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
158862	1950	903	$\frac{1}{129}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{64}{129}$	$\Phi_{903}^2\ \Phi_{301}^2\ \Phi_{129}^3\ \Phi_{43}^3\ \Phi_{21}^2\ \Phi_7^4\ \Phi_3^3\ \Phi_1^6$
158863	1950	516	$\frac{1}{129}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{64}{129}$	$\Phi_{516}^5\ \Phi_{258}^2\ \Phi_{172}^5\ \Phi_{129}^3\ \Phi_{86}^2\ \Phi_{43}^3\ \Phi_{12}^7\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
158864	1950	644	$\frac{3}{322}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{319}{644}$	$\Phi_{644}^2\ \Phi_{322}^4\ \Phi_{161}^4\ \Phi_{92}^2\ \Phi_{46}^4\ \Phi_{28}^3\ \Phi_{23}^4\ \Phi_{14}^5\ \Phi_7^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
158865	1950	372	$\frac{1}{93}$	$\frac{47}{372}$	$\frac{1}{4}$	$\frac{46}{93}$	$\Phi_{372}^5\ \Phi_{186}^5\ \Phi_{124}^5\ \Phi_{93}^6\ \Phi_{62}^5\ \Phi_{31}^6\ \Phi_{12}^5\ \Phi_6^5\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
158866	1950	1949	$\frac{21}{1949}$	$\frac{197}{1949}$	$\frac{584}{1949}$	$\frac{964}{1949}$	$\Phi_{1949}\ \Phi_1^2$
158867	1950	2346	$\frac{5}{391}$	$\frac{1}{6}$	$\frac{66}{391}$	$\frac{193}{391}$	$\Phi_{2346}\ \Phi_{1173}\ \Phi_{782}\ \Phi_{138}\ \Phi_{102}\ \Phi_{69}\ \Phi_{51}\ \Phi_{46}\ \Phi_{34}$
158868	1950	1949	$\frac{25}{1949}$	$\frac{324}{1949}$	$\frac{329}{1949}$	$\frac{962}{1949}$	$\Phi_{1949}\ \Phi_1^2$
158869	1950	3696	$\frac{1}{77}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{38}{77}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{112}\ \Phi_{77}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_7\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
158870	1950	2079	$\frac{1}{77}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{38}{77}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{297}\ \Phi_{189}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{27}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
158871	1950	2772	$\frac{1}{77}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{38}{77}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
158872	1950	308	$\frac{1}{77}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{38}{77}$	$\Phi_{308}^6\ \Phi_{154}^6\ \Phi_{77}^7\ \Phi_{44}^6\ \Phi_{28}^7\ \Phi_{22}^6\ \Phi_{14}^7\ \Phi_{11}^7\ \Phi_7^8\ \Phi_4^6\ \Phi_2^6\ \Phi_1^8$
158873	1950	2464	$\frac{1}{77}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{38}{77}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{352}\ \Phi_{224}\ \Phi_{176}\ \Phi_{112}\ \Phi_{77}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
158874	1950	462	$\frac{1}{77}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{38}{77}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{77}^5\ \Phi_{66}^4\ \Phi_{42}^4\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{11}^5\ \Phi_7^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
158875	1950	3700	$\frac{1}{74}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{73}{148}$	$\Phi_{3700}\ \Phi_{740}\ \Phi_{148}^2\ \Phi_{100}\ \Phi_{25}\ \Phi_{20}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
158876	1950	3108	$\frac{1}{74}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{73}{148}$	$\Phi_{3108}^2\ \Phi_{444}\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
158877	1950	2220	$\frac{1}{74}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{73}{148}$	$\Phi_{2220}^2\ \Phi_{740}\ \Phi_{444}^2\ \Phi_{148}^2\ \Phi_{60}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
158878	1950	868	$\frac{3}{217}$	$\frac{22}{217}$	$\frac{1}{4}$	$\frac{107}{217}$	$\Phi_{868}^3\ \Phi_{434}^3\ \Phi_{124}^3\ \Phi_{62}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_4^2\ \Phi_2^2$
158879	1950	3712	$\frac{1}{64}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{63}{128}$	$\Phi_{3712}\ \Phi_{128}^2\ \Phi_{29}\ \Phi_1^2$
158880	1950	384	$\frac{1}{64}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{63}{128}$	$\Phi_{384}^{15}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
158881	1950	3712	$\frac{1}{64}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{63}{128}$	$\Phi_{3712}\ \Phi_{128}^2\ \Phi_{29}\ \Phi_1^2$
158882	1950	1408	$\frac{1}{64}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{63}{128}$	$\Phi_{1408}^3\ \Phi_{44}\ \Phi_{22}$
158883	1950	3712	$\frac{1}{64}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{63}{128}$	$\Phi_{3712}\ \Phi_{128}^2\ \Phi_{29}\ \Phi_1^2$
158884	1950	2688	$\frac{1}{64}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{63}{128}$	$\Phi_{2688}^2\ \Phi_{896}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
158885	1950	3724	$\frac{1}{49}$	$\frac{1}{38}$	$\frac{37}{76}$	$\frac{24}{49}$	$\Phi_{3724}\ \Phi_{532}\ \Phi_{196}\ \Phi_{76}^2\ \Phi_{49}\ \Phi_{28}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
158886	1950	931	$\frac{1}{49}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{24}{49}$	$\Phi_{931}^2\ \Phi_{133}^2\ \Phi_{49}^3\ \Phi_{19}^4\ \Phi_7^3\ \Phi_1^6$
158887	1950	196	$\frac{1}{49}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{24}{49}$	$\Phi_{196}^{13}\ \Phi_{98}^6\ \Phi_{49}^7\ \Phi_{28}^{15}\ \Phi_{14}^7\ \Phi_7^8\ \Phi_4^{14}\ \Phi_2^6\ \Phi_1^8$
158888	1950	1949	$\frac{41}{1949}$	$\frac{199}{1949}$	$\frac{350}{1949}$	$\frac{954}{1949}$	$\Phi_{1949}\ \Phi_1^2$
158889	1950	2346	$\frac{9}{391}$	$\frac{40}{391}$	$\frac{1}{6}$	$\frac{191}{391}$	$\Phi_{2346}\ \Phi_{1173}\ \Phi_{782}\ \Phi_{138}\ \Phi_{102}\ \Phi_{69}\ \Phi_{51}\ \Phi_{46}\ \Phi_{34}$
158890	1950	2964	$\frac{1}{38}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{37}{76}$	$\Phi_{2964}^2\ \Phi_{228}\ \Phi_{156}^2\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
158891	1950	3724	$\frac{1}{38}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{37}{76}$	$\Phi_{3724}\ \Phi_{532}\ \Phi_{196}\ \Phi_{76}^2\ \Phi_{49}\ \Phi_{28}\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
158892	1950	2508	$\frac{1}{38}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{37}{76}$	$\Phi_{2508}^2\ \Phi_{836}\ \Phi_{132}^2\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
158893	1950	532	$\frac{1}{38}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{37}{76}$	$\Phi_{532}^3\ \Phi_{266}^4\ \Phi_{133}^4\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{28}^5\ \Phi_{19}^4\ \Phi_{14}^6\ \Phi_7^5\ \Phi_4^6\ \Phi_2^6\ \Phi_1^6$
158894	1950	1949	$\frac{53}{1949}$	$\frac{77}{1949}$	$\frac{624}{1949}$	$\frac{948}{1949}$	$\Phi_{1949}\ \Phi_1^2$
158895	1950	3906	$\frac{2}{63}$	$\frac{1}{31}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{3906}\ \Phi_{1302}\ \Phi_{558}\ \Phi_{434}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
158896	1950	252	$\frac{2}{63}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{61}{126}$	$\Phi_{252}^{10}\ \Phi_{84}^{11}\ \Phi_{63}^{10}\ \Phi_{42}\ \Phi_{36}^{10}\ \Phi_{28}^{11}\ \Phi_{21}^{10}\ \Phi_{14}\ \Phi_{12}^{11}\ \Phi_9^{10}\ \Phi_7^{10}\ \Phi_6\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_1^{10}$
158897	1950	1386	$\frac{2}{63}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{61}{126}$	$\Phi_{1386}^3\ \Phi_{462}^3\ \Phi_{198}^3\ \Phi_{154}^3\ \Phi_{77}\ \Phi_{66}^3\ \Phi_{22}^3$
158898	1950	1364	$\frac{1}{31}$	$\frac{16}{341}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{1364}^2\ \Phi_{682}^2\ \Phi_{124}\ \Phi_{62}\ \Phi_{44}^2\ \Phi_{22}^2$
158899	1950	2114	$\frac{5}{151}$	$\frac{1}{14}$	$\frac{26}{151}$	$\frac{73}{151}$	$\Phi_{2114}\ \Phi_{1057}\ \Phi_{302}$
158900	1950	2784	$\frac{1}{32}$	$\frac{1}{29}$	$\frac{31}{96}$	$\frac{14}{29}$	$\Phi_{2784}\ \Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{96}^2\ \Phi_{87}\ \Phi_{48}^2\ \Phi_{29}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
158901	1950	1972	$\frac{1}{29}$	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{1972}\ \Phi_{986}\ \Phi_{493}\ \Phi_{68}^2\ \Phi_{34}^2\ \Phi_{29}\ \Phi_{17}^2\ \Phi_1^2$
158902	1950	464	$\frac{1}{29}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{14}{29}$	$\Phi_{464}^4\ \Phi_{232}^4\ \Phi_{116}^4\ \Phi_{58}^4\ \Phi_{29}^5\ \Phi_{16}^8\ \Phi_8^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{10}$
158903	1950	1218	$\frac{1}{29}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{14}{29}$	$\Phi_{1218}^2\ \Phi_{609}^2\ \Phi_{406}\ \Phi_{203}\ \Phi_{174}\ \Phi_{87}\ \Phi_{42}^4\ \Phi_{29}\ \Phi_{21}^4\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
158904	1950	2088	$\frac{1}{29}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{14}{29}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{522}\ \Phi_{348}\ \Phi_{261}\ \Phi_{174}\ \Phi_{87}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{29}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
158905	1950	2464	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{29}{224}$	$\frac{27}{56}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{352}\ \Phi_{308}\ \Phi_{176}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
158906	1950	1949	$\frac{73}{1949}$	$\frac{124}{1949}$	$\frac{337}{1949}$	$\frac{938}{1949}$	$\Phi_{1949}\ \Phi_1^2$
158907	1950	2604	$\frac{25}{651}$	$\frac{26}{651}$	$\frac{1}{4}$	$\frac{313}{651}$	$\Phi_{2604}\ \Phi_{1302}\ \Phi_{868}\ \Phi_{434}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{84}\ \Phi_{62}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
158908	1950	925	$\frac{1}{37}$	$\frac{1}{25}$	$\frac{12}{37}$	$\frac{12}{25}$	$\Phi_{925}^2\ \Phi_{185}^2\ \Phi_{37}^4\ \Phi_{25}^3\ \Phi_5^3\ \Phi_1^6$
158909	1950	1300	$\frac{1}{26}$	$\frac{1}{25}$	$\frac{1}{4}$	$\frac{12}{25}$	$\Phi_{1300}^2\ \Phi_{650}\ \Phi_{325}\ \Phi_{260}^2\ \Phi_{130}\ \Phi_{100}\ \Phi_{65}\ \Phi_{52}^4\ \Phi_{26}^2\ \Phi_{25}\ \Phi_{20}\ \Phi_{13}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
158910	1950	925	$\frac{1}{25}$	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{12}{25}$	$\Phi_{925}^2\ \Phi_{185}^2\ \Phi_{37}^4\ \Phi_{25}^3\ \Phi_5^3\ \Phi_1^6$
158911	1950	1200	$\frac{1}{25}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{12}{25}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}\ \Phi_{300}^2\ \Phi_{240}^2\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}^2\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}^2\ \Phi_{48}^4\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
158912	1950	240	$\frac{1}{40}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{240}^{16}\ \Phi_{120}\ \Phi_{80}^{16}\ \Phi_{60}\ \Phi_{48}^{14}\ \Phi_{30}\ \Phi_{24}\ \Phi_{16}^{14}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
158913	1950	3696	$\frac{2}{77}$	$\frac{1}{24}$	$\frac{25}{77}$	$\frac{23}{48}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{112}\ \Phi_{77}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
158914	1950	432	$\frac{1}{27}$	$\frac{1}{24}$	$\frac{1}{4}$	$\frac{23}{48}$	$\Phi_{432}^9\ \Phi_{144}^9\ \Phi_{108}\ \Phi_{54}\ \Phi_{48}^6\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}^6\ \Phi_{12}\ \Phi_6$
158915	1950	3696	$\frac{1}{24}$	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{23}{48}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{112}\ \Phi_{77}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{11}\ \Phi_7\ \Phi_1^2$
158916	1950	336	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{23}{48}$	$\Phi_{336}^{11}\ \Phi_{112}^{11}\ \Phi_{48}^{12}\ \Phi_{16}^{12}\ \Phi_{14}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
158917	1950	528	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{23}{48}$	$\Phi_{528}^7\ \Phi_{176}^7\ \Phi_{48}^8\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{16}^8\ \Phi_{11}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
158918	1950	1122	$\frac{8}{187}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{179}{374}$	$\Phi_{1122}^2\ \Phi_{561}^2\ \Phi_{187}^2\ \Phi_{102}^3\ \Phi_{66}^2\ \Phi_{51}^3\ \Phi_{34}\ \Phi_{33}^2\ \Phi_{17}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
158919	1950	138	$\frac{1}{23}$	$\frac{4}{69}$	$\frac{1}{6}$	$\frac{11}{23}$	$\Phi_{138}^{17}\ \Phi_{69}^{11}\ \Phi_{46}^{17}\ \Phi_{23}^{12}\ \Phi_6^{16}\ \Phi_3^{10}\ \Phi_2^{16}\ \Phi_1^{12}$
158920	1950	2728	$\frac{1}{31}$	$\frac{1}{22}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{2728}\ \Phi_{682}\ \Phi_{341}\ \Phi_{248}\ \Phi_{62}$
158921	1950	336	$\frac{11}{336}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{84}^5\ \Phi_{56}^6\ \Phi_{48}^6\ \Phi_{42}^5\ \Phi_{28}^5\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{16}^6\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_8^6\ \Phi_7^6\ \Phi_6^5\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
158922	1950	124	$\frac{1}{31}$	$\frac{3}{62}$	$\frac{1}{4}$	$\frac{59}{124}$	$\Phi_{124}^{11}\ \Phi_{62}^{21}\ \Phi_{31}^{20}\ \Phi_4^{10}\ \Phi_2^{20}\ \Phi_1^{20}$
158923	1950	1949	$\frac{41}{1949}$	$\frac{101}{1949}$	$\frac{636}{1949}$	$\frac{924}{1949}$	$\Phi_{1949}\ \Phi_1^2$
158924	1950	1949	$\frac{79}{1949}$	$\frac{105}{1949}$	$\frac{374}{1949}$	$\frac{922}{1949}$	$\Phi_{1949}\ \Phi_1^2$
158925	1950	680	$\frac{1}{40}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{680}^3\ \Phi_{340}^3\ \Phi_{170}^3\ \Phi_{136}^3\ \Phi_{85}^3\ \Phi_{68}^3\ \Phi_{40}^2\ \Phi_{34}\ \Phi_{20}^2\ \Phi_{17}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
158926	1950	204	$\frac{3}{68}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{204}^{12}\ \Phi_{102}^{11}\ \Phi_{68}^6\ \Phi_{51}^{11}\ \Phi_{34}^5\ \Phi_{17}^6\ \Phi_{12}^{12}\ \Phi_6^{10}\ \Phi_4^6\ \Phi_3^{10}\ \Phi_2^4\ \Phi_1^6$
158927	1950	2114	$\frac{9}{151}$	$\frac{1}{14}$	$\frac{16}{151}$	$\frac{71}{151}$	$\Phi_{2114}\ \Phi_{1057}\ \Phi_{302}$
158928	1950	1104	$\frac{1}{23}$	$\frac{11}{184}$	$\frac{1}{6}$	$\frac{173}{368}$	$\Phi_{1104}^4\ \Phi_{368}^2\ \Phi_{138}\ \Phi_{69}\ \Phi_{48}^4\ \Phi_{46}\ \Phi_{16}^2$
158929	1950	1949	$\frac{69}{1949}$	$\frac{121}{1949}$	$\frac{376}{1949}$	$\frac{914}{1949}$	$\Phi_{1949}\ \Phi_1^2$
158930	1950	1949	$\frac{121}{1949}$	$\frac{134}{1949}$	$\frac{207}{1949}$	$\frac{914}{1949}$	$\Phi_{1949}\ \Phi_1^2$
158931	1950	2976	$\frac{17}{992}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{2976}\ \Phi_{1488}\ \Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
158932	1950	2054	$\frac{1}{26}$	$\frac{5}{79}$	$\frac{14}{79}$	$\frac{37}{79}$	$\Phi_{2054}\ \Phi_{1027}\ \Phi_{158}$
158933	1950	2346	$\frac{16}{391}$	$\frac{25}{391}$	$\frac{1}{6}$	$\frac{183}{391}$	$\Phi_{2346}\ \Phi_{1173}\ \Phi_{782}\ \Phi_{138}\ \Phi_{102}\ \Phi_{69}\ \Phi_{51}\ \Phi_{46}\ \Phi_{34}$
158934	1950	366	$\frac{1}{61}$	$\frac{4}{61}$	$\frac{1}{3}$	$\frac{57}{122}$	$\Phi_{366}^{15}\ \Phi_{183}\ \Phi_6^{15}$
158935	1950	2096	$\frac{1}{16}$	$\frac{9}{131}$	$\frac{14}{131}$	$\frac{61}{131}$	$\Phi_{2096}\ \Phi_{1048}\ \Phi_{524}\ \Phi_{262}$
158936	1950	924	$\frac{1}{66}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{924}^4\ \Phi_{308}^4\ \Phi_{132}^4\ \Phi_{84}^3\ \Phi_{66}^2\ \Phi_{44}^4\ \Phi_{33}^2\ \Phi_{28}^4\ \Phi_{22}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
158937	1950	1204	$\frac{1}{43}$	$\frac{1}{14}$	$\frac{21}{86}$	$\frac{13}{28}$	$\Phi_{1204}^3\ \Phi_{172}^3\ \Phi_{86}^2\ \Phi_{43}\ \Phi_{28}^4\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
158938	1950	3612	$\frac{4}{129}$	$\frac{1}{14}$	$\frac{25}{129}$	$\frac{13}{28}$	$\Phi_{3612}\ \Phi_{1204}\ \Phi_{516}\ \Phi_{172}\ \Phi_{129}\ \Phi_{84}\ \Phi_{43}\ \Phi_{28}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
158939	1950	756	$\frac{1}{27}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{756}^5\ \Phi_{252}^5\ \Phi_{108}^5\ \Phi_{84}^3\ \Phi_{54}^3\ \Phi_{36}^5\ \Phi_{28}^4\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
158940	1950	1204	$\frac{3}{43}$	$\frac{1}{14}$	$\frac{4}{43}$	$\frac{13}{28}$	$\Phi_{1204}^3\ \Phi_{172}^3\ \Phi_{43}^3\ \Phi_{28}^4\ \Phi_4^4\ \Phi_1^4$
158941	1950	308	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{28}$	$\Phi_{308}^{13}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}^{13}\ \Phi_{22}$
158942	1950	1949	$\frac{116}{1949}$	$\frac{141}{1949}$	$\frac{209}{1949}$	$\frac{904}{1949}$	$\Phi_{1949}\ \Phi_1^2$
158943	1950	2346	$\frac{14}{391}$	$\frac{29}{391}$	$\frac{1}{6}$	$\frac{181}{391}$	$\Phi_{2346}\ \Phi_{1173}\ \Phi_{782}\ \Phi_{138}\ \Phi_{102}\ \Phi_{69}\ \Phi_{51}\ \Phi_{46}\ \Phi_{34}$
158944	1950	1949	$\frac{64}{1949}$	$\frac{145}{1949}$	$\frac{349}{1949}$	$\frac{902}{1949}$	$\Phi_{1949}\ \Phi_1^2$
158945	1950	372	$\frac{2}{93}$	$\frac{7}{93}$	$\frac{1}{4}$	$\frac{43}{93}$	$\Phi_{372}^7\ \Phi_{186}^7\ \Phi_{124}^7\ \Phi_{62}^7\ \Phi_{12}^7\ \Phi_6^7\ \Phi_4^6\ \Phi_2^6$
158946	1950	456	$\frac{1}{76}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{456}^8\ \Phi_{228}\ \Phi_{152}^8\ \Phi_{114}\ \Phi_{57}\ \Phi_{24}^6\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
158947	1950	3576	$\frac{2}{149}$	$\frac{1}{12}$	$\frac{49}{149}$	$\frac{11}{24}$	$\Phi_{3576}\ \Phi_{1192}\ \Phi_{149}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
158948	1950	408	$\frac{1}{51}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{408}^9\ \Phi_{204}\ \Phi_{136}^9\ \Phi_{102}\ \Phi_{68}\ \Phi_{34}\ \Phi_{24}^6\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
158949	1950	3576	$\frac{4}{149}$	$\frac{1}{12}$	$\frac{29}{149}$	$\frac{11}{24}$	$\Phi_{3576}\ \Phi_{1192}\ \Phi_{149}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
158950	1950	744	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{744}^5\ \Phi_{248}^5\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
158951	1950	3576	$\frac{5}{149}$	$\frac{1}{12}$	$\frac{24}{149}$	$\frac{11}{24}$	$\Phi_{3576}\ \Phi_{1192}\ \Phi_{149}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
158952	1950	2184	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{24}$	$\Phi_{2184}^2\ \Phi_{728}^2\ \Phi_{182}\ \Phi_{168}\ \Phi_{91}\ \Phi_{56}\ \Phi_{14}$
158953	1950	3576	$\frac{9}{149}$	$\frac{1}{12}$	$\frac{14}{149}$	$\frac{11}{24}$	$\Phi_{3576}\ \Phi_{1192}\ \Phi_{149}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
158954	1950	528	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{24}$	$\Phi_{528}^4\ \Phi_{264}^3\ \Phi_{176}^5\ \Phi_{132}^4\ \Phi_{88}^4\ \Phi_{66}^4\ \Phi_{44}^5\ \Phi_{33}^4\ \Phi_{22}^5\ \Phi_{11}^4$
158955	1950	873	$\frac{1}{97}$	$\frac{1}{9}$	$\frac{32}{97}$	$\frac{4}{9}$	$\Phi_{873}^2\ \Phi_{291}^2\ \Phi_{97}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^6$
158956	1950	684	$\frac{1}{76}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{684}^3\ \Phi_{342}^3\ \Phi_{228}^3\ \Phi_{171}^3\ \Phi_{114}^3\ \Phi_{76}^2\ \Phi_{57}^3\ \Phi_{38}^2\ \Phi_{36}^3\ \Phi_{19}^2\ \Phi_{18}\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
158957	1950	396	$\frac{1}{66}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{396}^6\ \Phi_{198}^3\ \Phi_{132}^8\ \Phi_{99}^3\ \Phi_{66}^4\ \Phi_{44}^8\ \Phi_{36}^5\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{18}^2\ \Phi_{12}^7\ \Phi_{11}^4\ \Phi_9^3\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
158958	1950	873	$\frac{2}{97}$	$\frac{1}{9}$	$\frac{19}{97}$	$\frac{4}{9}$	$\Phi_{873}^2\ \Phi_{291}^2\ \Phi_{97}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^6$
158959	1950	360	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^7\ \Phi_{90}^5\ \Phi_{72}^5\ \Phi_{60}^7\ \Phi_{45}^5\ \Phi_{40}^6\ \Phi_{36}^5\ \Phi_{30}^7\ \Phi_{24}^7\ \Phi_{20}^6\ \Phi_{18}^2\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}^6\ \Phi_9^3\ \Phi_8^6\ \Phi_6^3\ \Phi_5^6\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
158960	1950	873	$\frac{6}{97}$	$\frac{7}{97}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{873}^2\ \Phi_{291}^2\ \Phi_{97}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^6$
158961	1950	1008	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}^4\ \Phi_{84}^2\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}^4\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}^4\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_9\ \Phi_8^2\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
158962	1950	3570	$\frac{1}{51}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{3570}\ \Phi_{1190}\ \Phi_{714}\ \Phi_{510}\ \Phi_{255}\ \Phi_{238}\ \Phi_{210}\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{42}\ \Phi_{34}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
158963	1950	816	$\frac{1}{51}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{816}^2\ \Phi_{408}^3\ \Phi_{272}^2\ \Phi_{204}^3\ \Phi_{136}^3\ \Phi_{102}^3\ \Phi_{68}^3\ \Phi_{51}^2\ \Phi_{48}^2\ \Phi_{34}^3\ \Phi_{24}^3\ \Phi_{17}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
158964	1950	1949	$\frac{17}{1949}$	$\frac{261}{1949}$	$\frac{644}{1949}$	$\frac{844}{1949}$	$\Phi_{1949}\ \Phi_1^2$
158965	1950	5124	$\frac{1}{122}$	$\frac{121}{854}$	$\frac{1}{3}$	$\frac{733}{1708}$	$\Phi_{5124}\ \Phi_{732}\ \Phi_{366}\ \Phi_{183}\ \Phi_{84}\ \Phi_{12}\ \Phi_6$
158966	1950	1316	$\frac{4}{329}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1316}^2\ \Phi_{658}^2\ \Phi_{188}^2\ \Phi_{94}^2\ \Phi_{28}\ \Phi_{14}$
158967	1950	1949	$\frac{29}{1949}$	$\frac{313}{1949}$	$\frac{384}{1949}$	$\frac{818}{1949}$	$\Phi_{1949}\ \Phi_1^2$
158968	1950	1232	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{9}{56}$	$\frac{47}{112}$	$\Phi_{1232}^3\ \Phi_{308}\ \Phi_{176}^3\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}$
158969	1950	2046	$\frac{1}{66}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	$\Phi_{2046}\ \Phi_{1023}\ \Phi_{682}\ \Phi_{341}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
158970	1950	1116	$\frac{1}{93}$	$\frac{46}{279}$	$\frac{1}{4}$	$\frac{233}{558}$	$\Phi_{1116}^2\ \Phi_{372}^3\ \Phi_{279}^2\ \Phi_{186}\ \Phi_{124}^3\ \Phi_{93}^2\ \Phi_{62}\ \Phi_{36}^2\ \Phi_{31}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_6\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
158971	1950	2232	$\frac{1}{31}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{744}\ \Phi_{558}\ \Phi_{279}\ \Phi_{248}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
158972	1950	680	$\frac{1}{40}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{680}^3\ \Phi_{340}^3\ \Phi_{170}^3\ \Phi_{136}^3\ \Phi_{85}^3\ \Phi_{68}^3\ \Phi_{40}^2\ \Phi_{34}^3\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
158973	1950	682	$\frac{1}{31}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{9}{22}$	$\Phi_{682}^5\ \Phi_{341}\ \Phi_{62}^5$
158974	1950	1949	$\frac{77}{1949}$	$\frac{144}{1949}$	$\frac{361}{1949}$	$\frac{794}{1949}$	$\Phi_{1949}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
158975	1950	1949	$\frac{89}{1949}$	$\frac{124}{1949}$	$\frac{365}{1949}$	$\frac{792}{1949}$	$\Phi_{1949}\ \Phi_1^2$
158976	1950	2096	$\frac{6}{131}$	$\frac{1}{16}$	$\frac{25}{131}$	$\frac{53}{131}$	$\Phi_{2096}\ \Phi_{1048}\ \Phi_{524}\ \Phi_{262}$
158977	1950	2114	$\frac{6}{151}$	$\frac{1}{14}$	$\frac{29}{151}$	$\frac{61}{151}$	$\Phi_{2114}\ \Phi_{1057}\ \Phi_{302}$
158978	1950	1949	$\frac{44}{1949}$	$\frac{233}{1949}$	$\frac{381}{1949}$	$\frac{784}{1949}$	$\Phi_{1949}\ \Phi_1^2$
158979	1950	2346	$\frac{6}{391}$	$\frac{1}{6}$	$\frac{77}{391}$	$\frac{157}{391}$	$\Phi_{2346}\ \Phi_{1173}\ \Phi_{782}\ \Phi_{138}\ \Phi_{102}\ \Phi_{69}\ \Phi_{51}\ \Phi_{46}\ \Phi_{34}$
158980	1950	1949	$\frac{24}{1949}$	$\frac{385}{1949}$	$\frac{389}{1949}$	$\frac{782}{1949}$	$\Phi_{1949}\ \Phi_1^2$
158981	1950	868	$\frac{2}{217}$	$\frac{43}{217}$	$\frac{1}{4}$	$\frac{87}{217}$	$\Phi_{868}^3\ \Phi_{434}^3\ \Phi_{124}^3\ \Phi_{62}^3\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_4^2\ \Phi_2^2$
158982	1950	1635	$\frac{2}{327}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1635}\ \Phi_{545}\ \Phi_{327}^2\ \Phi_{109}^2\ \Phi_5\ \Phi_1^2$
158983	1950	2430	$\frac{1}{162}$	$\frac{1}{5}$	$\frac{161}{486}$	$\frac{2}{5}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{486}^2\ \Phi_{243}^2\ \Phi_5\ \Phi_1^2$
158984	1950	1640	$\frac{3}{328}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1640}\ \Phi_{820}\ \Phi_{410}\ \Phi_{328}^2\ \Phi_{205}\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
158985	1950	2160	$\frac{1}{108}$	$\frac{1}{5}$	$\frac{107}{432}$	$\frac{2}{5}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{432}^2\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
158986	1950	405	$\frac{1}{81}$	$\frac{16}{81}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{405}^4\ \Phi_{135}^4\ \Phi_{81}^8\ \Phi_{45}^4\ \Phi_{27}^8\ \Phi_{15}^4\ \Phi_9^8\ \Phi_5^5\ \Phi_3^8\ \Phi_1^{10}$
158987	1950	330	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{330}^5\ \Phi_{165}^5\ \Phi_{110}^5\ \Phi_{66}^{10}\ \Phi_{55}^5\ \Phi_{33}^{10}\ \Phi_{30}^4\ \Phi_{22}^{10}\ \Phi_{15}^4\ \Phi_{11}^{10}\ \Phi_{10}^4\ \Phi_6^8\ \Phi_5^5\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
158988	1950	1890	$\frac{1}{54}$	$\frac{53}{378}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1890}\ \Phi_{945}\ \Phi_{630}\ \Phi_{378}^2\ \Phi_{315}\ \Phi_{210}\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
158989	1950	1665	$\frac{8}{333}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{333}^2\ \Phi_{185}\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_5\ \Phi_1^2$
158990	1950	360	$\frac{1}{36}$	$\frac{7}{72}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{360}^5\ \Phi_{180}^4\ \Phi_{120}^5\ \Phi_{90}^4\ \Phi_{72}^{10}\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{40}^5\ \Phi_{36}^8\ \Phi_{30}^4\ \Phi_{24}^{10}\ \Phi_{20}^4\ \Phi_{18}^8\ \Phi_{15}^4\ \Phi_{12}^8\ \Phi_{10}^4\ \Phi_9^8\ \Phi_8^{10}\ \Phi_6^8\ \Phi_5^5\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
158991	1950	1680	$\frac{11}{336}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}^2\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
158992	1950	135	$\frac{1}{27}$	$\frac{2}{27}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{135}^{12}\ \Phi_{45}^{12}\ \Phi_{27}^{24}\ \Phi_{15}^{12}\ \Phi_9^{24}\ \Phi_5^{13}\ \Phi_3^{24}\ \Phi_1^{26}$
158993	1950	910	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{182}^4\ \Phi_{130}\ \Phi_{91}^4\ \Phi_{70}\ \Phi_{65}\ \Phi_{35}\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
158994	1950	1710	$\frac{17}{342}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{342}^2\ \Phi_{285}\ \Phi_{190}\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{95}\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_5\ \Phi_1^2$
158995	1950	3264	$\frac{1}{51}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{408}\ \Phi_{204}\ \Phi_{192}\ \Phi_{136}\ \Phi_{102}\ \Phi_{68}\ \Phi_{34}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
158996	1950	1176	$\frac{1}{196}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1176}^4\ \Phi_{588}\ \Phi_{294}\ \Phi_{168}^4\ \Phi_{147}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
158997	1950	3112	$\frac{2}{389}$	$\frac{1}{4}$	$\frac{129}{389}$	$\frac{3}{8}$	$\Phi_{3112}\ \Phi_{389}\ \Phi_8^2\ \Phi_1^2$
158998	1950	1048	$\frac{1}{131}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1048}^3\ \Phi_{524}\ \Phi_{262}$
158999	1950	3112	$\frac{4}{389}$	$\frac{77}{389}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3112}\ \Phi_{389}\ \Phi_8^2\ \Phi_1^2$
159000	1950	1896	$\frac{1}{79}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1896}^2\ \Phi_{632}\ \Phi_{474}\ \Phi_{237}\ \Phi_{158}$
159001	1950	3112	$\frac{5}{389}$	$\frac{64}{389}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3112}\ \Phi_{389}\ \Phi_8^2\ \Phi_1^2$
159002	1950	1848	$\frac{1}{66}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1848}^2\ \Phi_{616}^2\ \Phi_{462}\ \Phi_{231}\ \Phi_{168}^2\ \Phi_{154}\ \Phi_{77}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
159003	1950	3112	$\frac{9}{389}$	$\frac{38}{389}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3112}\ \Phi_{389}\ \Phi_8^2\ \Phi_1^2$
159004	1950	440	$\frac{1}{40}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^5\ \Phi_{220}^5\ \Phi_{110}^5\ \Phi_{88}^4\ \Phi_{55}^5\ \Phi_{44}^5\ \Phi_{22}^5\ \Phi_{11}^4$
159005	1950	3112	$\frac{12}{389}$	$\frac{29}{389}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3112}\ \Phi_{389}\ \Phi_8^2\ \Phi_1^2$
159006	1950	1736	$\frac{1}{31}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1736}^2\ \Phi_{434}\ \Phi_{248}\ \Phi_{217}\ \Phi_{62}$
159007	1950	3112	$\frac{14}{389}$	$\frac{25}{389}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3112}\ \Phi_{389}\ \Phi_8^2\ \Phi_1^2$
159008	1950	432	$\frac{1}{27}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{432}^5\ \Phi_{216}^4\ \Phi_{144}^5\ \Phi_{108}^5\ \Phi_{72}^4\ \Phi_{54}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{27}^4\ \Phi_{24}^4\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^4\ \Phi_6^5\ \Phi_3^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
159009	1950	1949	$\frac{19}{1949}$	$\frac{386}{1949}$	$\frac{521}{1949}$	$\frac{714}{1949}$	$\Phi_{1949}\ \Phi_1^2$
159010	1950	2046	$\frac{1}{66}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	$\Phi_{2046}\ \Phi_{1023}\ \Phi_{682}\ \Phi_{341}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
159011	1950	1020	$\frac{1}{51}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{1020}^3\ \Phi_{510}\ \Phi_{340}^3\ \Phi_{255}\ \Phi_{204}^3\ \Phi_{170}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}^3\ \Phi_{60}^3\ \Phi_{34}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^3\ \Phi_6$
159012	1950	1949	$\frac{51}{1949}$	$\frac{146}{1949}$	$\frac{601}{1949}$	$\frac{674}{1949}$	$\Phi_{1949}\ \Phi_1^2$
159013	1950	1026	$\frac{1}{27}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{1026}^3\ \Phi_{513}\ \Phi_{342}^3\ \Phi_{171}\ \Phi_{114}^3\ \Phi_{57}\ \Phi_{54}^3\ \Phi_{18}^3\ \Phi_6^3$
159014	1950	2054	$\frac{1}{26}$	$\frac{4}{79}$	$\frac{25}{79}$	$\frac{27}{79}$	$\Phi_{2054}\ \Phi_{1027}\ \Phi_{158}$
159015	1950	1949	$\frac{74}{1949}$	$\frac{99}{1949}$	$\frac{625}{1949}$	$\frac{662}{1949}$	$\Phi_{1949}\ \Phi_1^2$
159016	1950	2114	$\frac{4}{151}$	$\frac{1}{14}$	$\frac{49}{151}$	$\frac{51}{151}$	$\Phi_{2114}\ \Phi_{1057}\ \Phi_{302}$
159017	1950	1078	$\frac{1}{49}$	$\frac{1}{11}$	$\frac{16}{49}$	$\frac{33}{98}$	$\Phi_{1078}^3\ \Phi_{539}\ \Phi_{154}^3\ \Phi_{77}\ \Phi_{22}^3$
159018	1950	1949	$\frac{26}{1949}$	$\frac{259}{1949}$	$\frac{641}{1949}$	$\frac{654}{1949}$	$\Phi_{1949}\ \Phi_1^2$
159019	1950	2346	$\frac{4}{391}$	$\frac{1}{6}$	$\frac{129}{391}$	$\frac{131}{391}$	$\Phi_{2346}\ \Phi_{1173}\ \Phi_{782}\ \Phi_{138}\ \Phi_{102}\ \Phi_{69}\ \Phi_{51}\ \Phi_{46}\ \Phi_{34}$
159020	1950	1464	$\frac{1}{244}$	$\frac{81}{244}$	$\frac{1}{3}$	$\frac{163}{488}$	$\Phi_{1464}^3\ \Phi_{732}\ \Phi_{366}\ \Phi_{183}\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
159021	1950	1308	$\frac{2}{327}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1308}^2\ \Phi_{654}^2\ \Phi_{436}^2\ \Phi_{218}^2\ \Phi_{12}\ \Phi_6$
159022	1950	1140	$\frac{1}{76}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{285}^2\ \Phi_{228}\ \Phi_{190}^2\ \Phi_{114}\ \Phi_{95}^2\ \Phi_{60}^2\ \Phi_{57}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
159023	1950	1080	$\frac{1}{40}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{120}\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
159024	1950	972	$\frac{1}{162}$	$\frac{1}{4}$	$\frac{161}{486}$	$\frac{1}{3}$	$\Phi_{972}^4\ \Phi_{486}^2\ \Phi_{243}^2\ \Phi_{12}\ \Phi_6$
159025	1950	582	$\frac{1}{97}$	$\frac{1}{6}$	$\frac{32}{97}$	$\frac{1}{3}$	$\Phi_{582}^4\ \Phi_{291}^2\ \Phi_{194}^4\ \Phi_{97}^4\ \Phi_6^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
159026	1950	2928	$\frac{13}{976}$	$\frac{131}{976}$	$\frac{321}{976}$	$\frac{1}{3}$	$\Phi_{2928}\ \Phi_{1464}\ \Phi_{732}\ \Phi_{366}\ \Phi_{183}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
159027	1950	2235	$\frac{2}{149}$	$\frac{2}{15}$	$\frac{49}{149}$	$\frac{1}{3}$	$\Phi_{2235}\ \Phi_{745}\ \Phi_{149}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
159028	1950	366	$\frac{1}{61}$	$\frac{41}{366}$	$\frac{20}{61}$	$\frac{1}{3}$	$\Phi_{366}^6\ \Phi_{183}^4\ \Phi_{122}^6\ \Phi_{61}^6\ \Phi_6^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
159029	1950	2079	$\frac{2}{77}$	$\frac{2}{27}$	$\frac{25}{77}$	$\frac{1}{3}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{297}\ \Phi_{189}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{27}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
159030	1950	1554	$\frac{1}{37}$	$\frac{1}{14}$	$\frac{12}{37}$	$\frac{1}{3}$	$\Phi_{1554}^2\ \Phi_{777}^2\ \Phi_{222}^2\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_6^3$
159031	1950	96	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{31}{96}$	$\frac{1}{3}$	$\Phi_{96}^{15}\ \Phi_{48}^{16}\ \Phi_{32}^{30}\ \Phi_{24}^{16}\ \Phi_{16}^{30}\ \Phi_{12}^{16}\ \Phi_8^{30}\ \Phi_6^{16}\ \Phi_4^{30}\ \Phi_3^{15}\ \Phi_2^{30}\ \Phi_1^{30}$
159032	1950	2928	$\frac{37}{976}$	$\frac{51}{976}$	$\frac{313}{976}$	$\frac{1}{3}$	$\Phi_{2928}\ \Phi_{1464}\ \Phi_{732}\ \Phi_{366}\ \Phi_{183}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
159033	1950	1482	$\frac{1}{26}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{1482}^2\ \Phi_{741}^2\ \Phi_{114}^2\ \Phi_{78}^3\ \Phi_{39}^3\ \Phi_6^3$
159034	1950	336	$\frac{11}{336}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{84}^6\ \Phi_{56}^6\ \Phi_{48}^4\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{24}^4\ \Phi_{21}^6\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_{12}^4\ \Phi_8^6\ \Phi_7^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
159035	1950	2928	$\frac{27}{976}$	$\frac{73}{976}$	$\frac{301}{976}$	$\frac{1}{3}$	$\Phi_{2928}\ \Phi_{1464}\ \Phi_{732}\ \Phi_{366}\ \Phi_{183}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
159036	1950	360	$\frac{1}{40}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{360}^8\ \Phi_{180}^8\ \Phi_{120}\ \Phi_{90}^8\ \Phi_{72}^8\ \Phi_{60}\ \Phi_{45}^8\ \Phi_{36}^6\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}^6\ \Phi_{15}\ \Phi_{12}\ \Phi_9^6\ \Phi_6$
159037	1950	462	$\frac{1}{66}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{77}^4\ \Phi_{66}^6\ \Phi_{42}^4\ \Phi_{33}^6\ \Phi_{22}^6\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_{11}^6\ \Phi_7^4\ \Phi_6^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
159038	1950	684	$\frac{1}{76}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{684}^4\ \Phi_{342}^4\ \Phi_{228}\ \Phi_{171}^4\ \Phi_{114}\ \Phi_{57}\ \Phi_{36}^4\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
159039	1950	2928	$\frac{11}{976}$	$\frac{193}{976}$	$\frac{261}{976}$	$\frac{1}{3}$	$\Phi_{2928}\ \Phi_{1464}\ \Phi_{732}\ \Phi_{366}\ \Phi_{183}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
159040	1950	984	$\frac{3}{328}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{984}^3\ \Phi_{492}^3\ \Phi_{246}^3\ \Phi_{123}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$
159041	1950	432	$\frac{1}{108}$	$\frac{107}{432}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{432}^6\ \Phi_{216}^6\ \Phi_{144}^6\ \Phi_{72}^6\ \Phi_{48}^6\ \Phi_{24}^6\ \Phi_{16}^6\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
159042	1950	2628	$\frac{7}{657}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2628}\ \Phi_{1314}\ \Phi_{876}\ \Phi_{438}\ \Phi_{292}\ \Phi_{146}\ \Phi_{12}\ \Phi_6$
159043	1950	324	$\frac{1}{81}$	$\frac{16}{81}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{324}^8\ \Phi_{162}^8\ \Phi_{108}^8\ \Phi_{54}^8\ \Phi_{36}^8\ \Phi_{18}^8\ \Phi_{12}^9\ \Phi_6^9\ \Phi_4^8\ \Phi_2^8$
159044	1950	912	$\frac{1}{76}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{912}^4\ \Phi_{456}^4\ \Phi_{228}\ \Phi_{114}\ \Phi_{57}\ \Phi_{48}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
159045	1950	132	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^{20}\ \Phi_{66}^{10}\ \Phi_{44}^{20}\ \Phi_{33}^{10}\ \Phi_{22}^{10}\ \Phi_{12}^{17}\ \Phi_{11}^{10}\ \Phi_{6}^{9}\ \Phi_{4}^{16}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
159046	1950	756	$\frac{1}{54}$	$\frac{53}{378}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{756}^{4}\ \Phi_{378}^{2}\ \Phi_{252}^{4}\ \Phi_{189}^{2}\ \Phi_{126}^{2}\ \Phi_{84}^{4}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{4}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{12}\ \Phi_{7}^{2}\ \Phi_{6}$
159047	1950	1020	$\frac{1}{51}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^{3}\ \Phi_{510}^{3}\ \Phi_{340}^{3}\ \Phi_{204}\ \Phi_{170}^{3}\ \Phi_{102}\ \Phi_{68}\ \Phi_{60}^{2}\ \Phi_{34}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{6}$
159048	1950	1332	$\frac{8}{333}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1332}^{2}\ \Phi_{666}^{2}\ \Phi_{444}^{2}\ \Phi_{222}^{2}\ \Phi_{148}^{2}\ \Phi_{74}^{2}\ \Phi_{12}\ \Phi_{6}$
159049	1950	2916	$\frac{2}{81}$	$\frac{79}{729}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2916}\ \Phi_{1458}\ \Phi_{972}\ \Phi_{486}\ \Phi_{12}\ \Phi_{6}$
159050	1950	840	$\frac{1}{40}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{840}^{4}\ \Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{168}^{4}\ \Phi_{120}\ \Phi_{105}^{4}\ \Phi_{84}^{3}\ \Phi_{60}\ \Phi_{42}^{3}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}^{3}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
159051	1950	72	$\frac{1}{36}$	$\frac{7}{72}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{72}^{30}\ \Phi_{36}^{24}\ \Phi_{24}^{30}\ \Phi_{18}^{24}\ \Phi_{12}^{25}\ \Phi_{9}^{24}\ \Phi_{8}^{30}\ \Phi_{6}^{25}\ \Phi_{4}^{24}\ \Phi_{3}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{24}$
159052	1950	336	$\frac{11}{336}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^{6}\ \Phi_{168}^{6}\ \Phi_{112}^{6}\ \Phi_{84}^{6}\ \Phi_{56}^{6}\ \Phi_{48}^{6}\ \Phi_{42}^{6}\ \Phi_{28}^{6}\ \Phi_{24}^{6}\ \Phi_{21}^{6}\ \Phi_{16}^{6}\ \Phi_{14}^{6}\ \Phi_{12}\ \Phi_{8}^{6}\ \Phi_{7}^{6}\ \Phi_{6}$
159053	1950	108	$\frac{1}{27}$	$\frac{2}{27}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{108}^{24}\ \Phi_{54}^{24}\ \Phi_{36}^{24}\ \Phi_{18}^{24}\ \Phi_{12}^{25}\ \Phi_{6}^{25}\ \Phi_{4}^{24}\ \Phi_{2}^{24}$
159054	1950	1092	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}^{4}\ \Phi_{546}^{2}\ \Phi_{273}^{2}\ \Phi_{156}^{2}\ \Phi_{84}^{2}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
159055	1950	816	$\frac{3}{68}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{816}^{4}\ \Phi_{408}^{4}\ \Phi_{204}^{3}\ \Phi_{102}^{3}\ \Phi_{51}^{3}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
159056	1950	684	$\frac{17}{342}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{684}^{4}\ \Phi_{342}^{2}\ \Phi_{228}^{4}\ \Phi_{171}^{2}\ \Phi_{114}^{2}\ \Phi_{76}^{4}\ \Phi_{57}^{2}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{12}\ \Phi_{6}$
159057	1950	768	$\frac{3}{64}$	$\frac{1}{16}$	$\frac{61}{256}$	$\frac{1}{3}$	$\Phi_{768}^{5}\ \Phi_{384}^{5}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
159058	1950	3072	$\frac{49}{1024}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{3072}\ \Phi_{1536}\ \Phi_{768}\ \Phi_{384}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
159059	1950	2604	$\frac{1}{31}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	$\Phi_{2604}\ \Phi_{1302}\ \Phi_{868}\ \Phi_{434}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}$
159060	1950	2232	$\frac{1}{31}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{744}\ \Phi_{558}\ \Phi_{372}\ \Phi_{248}\ \Phi_{186}\ \Phi_{124}\ \Phi_{93}\ \Phi_{62}$
159061	1950	480	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{480}^{8}\ \Phi_{240}^{8}\ \Phi_{120}\ \Phi_{96}^{7}\ \Phi_{60}\ \Phi_{48}^{7}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
159062	1950	732	$\frac{1}{61}$	$\frac{12}{61}$	$\frac{49}{244}$	$\frac{1}{3}$	$\Phi_{732}^{5}\ \Phi_{366}^{5}\ \Phi_{183}\ \Phi_{12}^{5}\ \Phi_{6}^{5}$
159063	1950	582	$\frac{2}{97}$	$\frac{1}{6}$	$\frac{19}{97}$	$\frac{1}{3}$	$\Phi_{582}^{4}\ \Phi_{291}^{2}\ \Phi_{194}^{4}\ \Phi_{97}^{4}\ \Phi_{6}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
159064	1950	2928	$\frac{21}{976}$	$\frac{157}{976}$	$\frac{191}{976}$	$\frac{1}{3}$	$\Phi_{2928}\ \Phi_{1464}\ \Phi_{732}\ \Phi_{366}\ \Phi_{183}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
159065	1950	2235	$\frac{4}{149}$	$\frac{2}{15}$	$\frac{29}{149}$	$\frac{1}{3}$	$\Phi_{2235}\ \Phi_{745}\ \Phi_{149}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
159066	1950	1554	$\frac{2}{37}$	$\frac{1}{14}$	$\frac{7}{37}$	$\frac{1}{3}$	$\Phi_{1554}^{2}\ \Phi_{777}^{2}\ \Phi_{222}^{2}\ \Phi_{42}^{3}\ \Phi_{21}^{3}\ \Phi_{6}^{3}$
159067	1950	48	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{1}{3}$	$\Phi_{48}^{61}\ \Phi_{24}^{61}\ \Phi_{12}^{61}\ \Phi_{6}^{61}\ \Phi_{3}^{60}$
159068	1950	2928	$\frac{53}{976}$	$\frac{71}{976}$	$\frac{181}{976}$	$\frac{1}{3}$	$\Phi_{2928}\ \Phi_{1464}\ \Phi_{732}\ \Phi_{366}\ \Phi_{183}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
159069	1950	120	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{120}^{17}\ \Phi_{60}^{17}\ \Phi_{40}^{16}\ \Phi_{30}^{17}\ \Phi_{24}^{17}\ \Phi_{20}^{16}\ \Phi_{15}^{17}\ \Phi_{12}^{17}\ \Phi_{10}^{16}\ \Phi_{8}^{16}\ \Phi_{6}^{9}\ \Phi_{5}^{16}\ \Phi_{4}^{16}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
159070	1950	930	$\frac{1}{31}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{930}^{3}\ \Phi_{465}^{2}\ \Phi_{310}^{3}\ \Phi_{186}\ \Phi_{155}^{2}\ \Phi_{93}\ \Phi_{62}$
159071	1950	582	$\frac{6}{97}$	$\frac{7}{97}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{582}^{4}\ \Phi_{291}^{2}\ \Phi_{194}^{4}\ \Phi_{97}^{4}\ \Phi_{6}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
159072	1950	336	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{336}^{6}\ \Phi_{168}^{6}\ \Phi_{112}^{8}\ \Phi_{84}^{6}\ \Phi_{56}^{8}\ \Phi_{48}^{3}\ \Phi_{42}^{3}\ \Phi_{28}^{8}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{16}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
159073	1950	2235	$\frac{5}{149}$	$\frac{2}{15}$	$\frac{24}{149}$	$\frac{1}{3}$	$\Phi_{2235}\ \Phi_{745}\ \Phi_{149}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
159074	1950	1056	$\frac{1}{16}$	$\frac{27}{352}$	$\frac{5}{32}$	$\frac{1}{3}$	$\Phi_{1056}^{3}\ \Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{132}^{3}\ \Phi_{66}^{3}\ \Phi_{48}\ \Phi_{33}^{3}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
159075	1950	2079	$\frac{5}{77}$	$\frac{2}{27}$	$\frac{12}{77}$	$\frac{1}{3}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{297}\ \Phi_{189}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{27}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
159076	1950	384	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{59}{384}$	$\frac{1}{3}$	$\Phi_{384}^{6}\ \Phi_{192}^{3}\ \Phi_{128}^{6}\ \Phi_{96}^{3}\ \Phi_{64}^{6}\ \Phi_{48}^{4}\ \Phi_{32}^{6}\ \Phi_{24}^{4}\ \Phi_{16}^{6}\ \Phi_{12}^{4}\ \Phi_{8}^{6}\ \Phi_{6}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
159077	1950	2730	$\frac{1}{26}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{910}\ \Phi_{455}\ \Phi_{210}\ \Phi_{182}\ \Phi_{91}\ \Phi_{70}\ \Phi_{14}$
159078	1950	378	$\frac{1}{14}$	$\frac{2}{27}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{378}^{6}\ \Phi_{189}^{5}\ \Phi_{126}^{6}\ \Phi_{63}^{5}\ \Phi_{54}^{6}\ \Phi_{27}^{6}\ \Phi_{18}^{6}\ \Phi_{14}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
159079	1950	2235	$\frac{9}{149}$	$\frac{14}{149}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2235}\ \Phi_{745}\ \Phi_{149}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
159080	1950	2640	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{880}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
159081	1950	672	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{29}{224}$	$\frac{1}{3}$	$\Phi_{672}^{5}\ \Phi_{336}^{5}\ \Phi_{168}^{5}\ \Phi_{84}^{5}\ \Phi_{48}\ \Phi_{42}^{5}\ \Phi_{24}\ \Phi_{21}^{5}\ \Phi_{12}\ \Phi_{6}$
159082	1950	144	$\frac{1}{16}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{144}^{16}\ \Phi_{72}^{14}\ \Phi_{48}^{9}\ \Phi_{36}^{14}\ \Phi_{24}^{8}\ \Phi_{18}^{14}\ \Phi_{16}^{16}\ \Phi_{12}^{8}\ \Phi_{9}^{14}\ \Phi_{8}^{14}\ \Phi_{6}^{8}\ \Phi_{4}^{14}\ \Phi_{3}^{7}\ \Phi_{2}^{14}\ \Phi_{1}^{14}$
159083	1950	1056	$\frac{27}{352}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1056}^{3}\ \Phi_{528}^{3}\ \Phi_{264}^{2}\ \Phi_{132}^{2}\ \Phi_{96}^{3}\ \Phi_{66}^{2}\ \Phi_{48}^{3}\ \Phi_{33}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
159084	1950	1188	$\frac{2}{27}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{3}$	$\Phi_{1188}^{2}\ \Phi_{594}^{2}\ \Phi_{396}^{2}\ \Phi_{297}\ \Phi_{198}^{2}\ \Phi_{108}^{2}\ \Phi_{99}\ \Phi_{54}^{2}\ \Phi_{44}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
159085	1950	3348	$\frac{1}{93}$	$\frac{187}{837}$	$\frac{1}{4}$	$\frac{92}{279}$	$\Phi_{3348}\ \Phi_{1674}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{108}\ \Phi_{62}\ \Phi_{54}\ \Phi_{12}\ \Phi_{6}$
159086	1950	2682	$\frac{2}{149}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{49}{149}$	$\Phi_{2682}\ \Phi_{1341}\ \Phi_{149}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
159087	1950	2384	$\frac{2}{149}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{49}{149}$	$\Phi_{2384}\ \Phi_{1192}\ \Phi_{149}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
159088	1950	1932	$\frac{3}{161}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{158}{483}$	$\Phi_{1932}^{2}\ \Phi_{966}^{2}\ \Phi_{276}^{2}\ \Phi_{138}^{2}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
159089	1950	2772	$\frac{2}{77}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{77}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
159090	1950	308	$\frac{2}{77}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{77}$	$\Phi_{308}^{6}\ \Phi_{154}^{6}\ \Phi_{77}^{7}\ \Phi_{44}^{6}\ \Phi_{28}^{7}\ \Phi_{22}^{6}\ \Phi_{14}^{7}\ \Phi_{11}^{7}\ \Phi_{7}^{8}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
159091	1950	2464	$\frac{2}{77}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{77}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{352}\ \Phi_{224}\ \Phi_{176}\ \Phi_{112}\ \Phi_{77}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^{2}$
159092	1950	462	$\frac{2}{77}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{25}{77}$	$\Phi_{462}^{4}\ \Phi_{231}^{4}\ \Phi_{154}^{4}\ \Phi_{77}^{5}\ \Phi_{66}^{4}\ \Phi_{42}^{4}\ \Phi_{33}^{4}\ \Phi_{22}^{4}\ \Phi_{21}^{4}\ \Phi_{14}^{4}\ \Phi_{11}^{5}\ \Phi_{7}^{5}\ \Phi_{6}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
159093	1950	555	$\frac{1}{37}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{12}{37}$	$\Phi_{555}^{4}\ \Phi_{185}^{2}\ \Phi_{111}^{4}\ \Phi_{37}^{4}\ \Phi_{15}^{6}\ \Phi_{5}^{3}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
159094	1950	2784	$\frac{1}{32}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{31}{96}$	$\Phi_{2784}\ \Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{96}^{2}\ \Phi_{87}\ \Phi_{48}^{2}\ \Phi_{29}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
159095	1950	1056	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{31}{96}$	$\Phi_{1056}^{3}\ \Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{132}^{3}\ \Phi_{66}^{3}\ \Phi_{44}\ \Phi_{33}^{3}\ \Phi_{22}$
159096	1950	2784	$\frac{1}{32}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{31}{96}$	$\Phi_{2784}\ \Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{96}^{2}\ \Phi_{87}\ \Phi_{48}^{2}\ \Phi_{29}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
159097	1950	672	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{31}{96}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}^{4}\ \Phi_{168}^{3}\ \Phi_{112}^{4}\ \Phi_{84}^{3}\ \Phi_{56}^{4}\ \Phi_{42}^{4}\ \Phi_{28}^{4}\ \Phi_{21}^{4}\ \Phi_{14}^{5}\ \Phi_{7}^{4}$
159098	1950	1949	$\frac{62}{1949}$	$\frac{264}{1949}$	$\frac{337}{1949}$	$\frac{629}{1949}$	$\Phi_{1949}\ \Phi_{1}^{2}$
159099	1950	2346	$\frac{13}{391}$	$\frac{53}{391}$	$\frac{1}{6}$	$\frac{126}{391}$	$\Phi_{2346}\ \Phi_{1173}\ \Phi_{782}\ \Phi_{138}\ \Phi_{102}\ \Phi_{69}\ \Phi_{51}\ \Phi_{46}\ \Phi_{34}$
159100	1950	924	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{19}{84}$	$\frac{9}{28}$	$\Phi_{924}^{3}\ \Phi_{462}^{3}\ \Phi_{308}\ \Phi_{231}^{3}\ \Phi_{154}\ \Phi_{132}^{3}\ \Phi_{77}\ \Phi_{66}^{3}\ \Phi_{44}\ \Phi_{33}^{3}\ \Phi_{22}$
159101	1950	2772	$\frac{1}{21}$	$\frac{43}{693}$	$\frac{1}{4}$	$\frac{20}{63}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{462}\ \Phi_{396}\ \Phi_{308}\ \Phi_{198}\ \Phi_{154}\ \Phi_{132}\ \Phi_{84}\ \Phi_{66}\ \Phi_{44}\ \Phi_{42}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
159102	1950	931	$\frac{1}{19}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{6}{19}$	$\Phi_{931}^{2}\ \Phi_{133}^{2}\ \Phi_{49}^{3}\ \Phi_{19}^{4}\ \Phi_{7}^{3}\ \Phi_{1}^{6}$
159103	1950	1254	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{6}{19}$	$\Phi_{1254}^{2}\ \Phi_{627}^{2}\ \Phi_{418}^{2}\ \Phi_{66}^{3}\ \Phi_{33}^{3}\ \Phi_{22}^{3}$
159104	1950	532	$\frac{1}{19}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{6}{19}$	$\Phi_{532}^{4}\ \Phi_{266}^{4}\ \Phi_{133}^{2}\ \Phi_{76}^{4}\ \Phi_{38}^{4}\ \Phi_{28}^{6}\ \Phi_{19}^{4}\ \Phi_{14}^{6}\ \Phi_{7}^{3}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
159105	1950	1949	$\frac{122}{1949}$	$\frac{134}{1949}$	$\frac{363}{1949}$	$\frac{609}{1949}$	$\Phi_{1949}\ \Phi_{1}^{2}$
159106	1950	756	$\frac{1}{21}$	$\frac{4}{63}$	$\frac{1}{4}$	$\frac{59}{189}$	$\Phi_{756}^{5}\ \Phi_{378}^{5}\ \Phi_{108}^{5}\ \Phi_{84}\ \Phi_{54}^{5}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
159107	1950	2156	$\frac{13}{196}$	$\frac{1}{11}$	$\frac{27}{196}$	$\frac{61}{196}$	$\Phi_{2156}\ \Phi_{1078}\ \Phi_{539}\ \Phi_{308}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}$
159108	1950	1972	$\frac{3}{68}$	$\frac{2}{29}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{1972}\ \Phi_{986}\ \Phi_{493}\ \Phi_{68}^{2}\ \Phi_{34}^{2}\ \Phi_{29}\ \Phi_{17}^{2}\ \Phi_{1}^{2}$
159109	1950	464	$\frac{1}{16}$	$\frac{2}{29}$	$\frac{3}{16}$	$\frac{9}{29}$	$\Phi_{464}^{4}\ \Phi_{232}^{4}\ \Phi_{116}^{4}\ \Phi_{58}^{4}\ \Phi_{29}^{5}\ \Phi_{16}^{8}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
159110	1950	1218	$\frac{2}{29}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{9}{29}$	$\Phi_{1218}^{2}\ \Phi_{609}^{2}\ \Phi_{406}\ \Phi_{203}\ \Phi_{174}\ \Phi_{87}\ \Phi_{42}^{4}\ \Phi_{29}\ \Phi_{21}^{4}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
159111	1950	2088	$\frac{2}{29}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{9}{29}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{522}\ \Phi_{348}\ \Phi_{261}\ \Phi_{174}\ \Phi_{87}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{29}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
159112	1950	1949	$\frac{137}{1949}$	$\frac{168}{1949}$	$\frac{269}{1949}$	$\frac{604}{1949}$	$\Phi_{1949}\ \Phi_{1}^{2}$
159113	1950	2346	$\frac{27}{391}$	$\frac{28}{391}$	$\frac{1}{6}$	$\frac{121}{391}$	$\Phi_{2346}\ \Phi_{1173}\ \Phi_{782}\ \Phi_{138}\ \Phi_{102}\ \Phi_{69}\ \Phi_{51}\ \Phi_{46}\ \Phi_{34}$
159114	1950	1949	$\frac{104}{1949}$	$\frac{158}{1949}$	$\frac{369}{1949}$	$\frac{597}{1949}$	$\Phi_{1949}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
159115	1950	108	$\frac{1}{27}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{108}^{19}\ \Phi_{54}^{19}\ \Phi_{36}^{16}\ \Phi_{27}^{18}\ \Phi_{18}^{16}\ \Phi_{12}^{19}\ \Phi_{9}^{15}\ \Phi_{6}^{19}\ \Phi_{4}^{18}\ \Phi_{3}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
159116	1950	2772	$\frac{5}{77}$	$\frac{1}{12}$	$\frac{12}{77}$	$\frac{11}{36}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{126}\ \Phi_{99}\ \Phi_{77}\ \Phi_{63}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
159117	1950	252	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{36}$	$\Phi_{252}^{11}\ \Phi_{126}^{11}\ \Phi_{63}^{11}\ \Phi_{36}^{12}\ \Phi_{18}^{12}\ \Phi_{14}^{6}\ \Phi_{9}^{12}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
159118	1950	396	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{11}{36}$	$\Phi_{396}^{7}\ \Phi_{198}^{7}\ \Phi_{99}^{7}\ \Phi_{44}^{2}\ \Phi_{36}^{8}\ \Phi_{22}^{2}\ \Phi_{18}^{8}\ \Phi_{11}\ \Phi_{9}^{8}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
159119	1950	1122	$\frac{1}{17}$	$\frac{16}{187}$	$\frac{1}{6}$	$\frac{57}{187}$	$\Phi_{1122}^{2}\ \Phi_{561}^{2}\ \Phi_{374}^{2}\ \Phi_{102}^{3}\ \Phi_{66}^{2}\ \Phi_{51}^{3}\ \Phi_{34}^{3}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
159120	1950	2114	$\frac{1}{14}$	$\frac{13}{151}$	$\frac{21}{151}$	$\frac{46}{151}$	$\Phi_{2114}\ \Phi_{1057}\ \Phi_{302}$
159121	1950	1949	$\frac{129}{1949}$	$\frac{182}{1949}$	$\frac{272}{1949}$	$\frac{589}{1949}$	$\Phi_{1949}\ \Phi_{1}^{2}$
159122	1950	2346	$\frac{21}{391}$	$\frac{37}{391}$	$\frac{1}{6}$	$\frac{118}{391}$	$\Phi_{2346}\ \Phi_{1173}\ \Phi_{782}\ \Phi_{138}\ \Phi_{102}\ \Phi_{69}\ \Phi_{51}\ \Phi_{46}\ \Phi_{34}$
159123	1950	372	$\frac{1}{31}$	$\frac{3}{31}$	$\frac{1}{4}$	$\frac{28}{93}$	$\Phi_{372}^{10}\ \Phi_{186}^{10}\ \Phi_{124}\ \Phi_{62}\ \Phi_{12}^{10}\ \Phi_{6}^{10}$
159124	1950	204	$\frac{3}{68}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{204}^{12}\ \Phi_{102}^{11}\ \Phi_{68}^{6}\ \Phi_{51}^{11}\ \Phi_{34}^{5}\ \Phi_{17}^{6}\ \Phi_{12}^{12}\ \Phi_{6}^{10}\ \Phi_{4}^{6}\ \Phi_{3}^{10}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
159125	1950	276	$\frac{1}{23}$	$\frac{11}{92}$	$\frac{1}{6}$	$\frac{27}{92}$	$\Phi_{276}^{8}\ \Phi_{138}^{9}\ \Phi_{92}^{4}\ \Phi_{69}^{9}\ \Phi_{46}^{5}\ \Phi_{23}^{4}\ \Phi_{12}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{4}\ \Phi_{3}^{8}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
159126	1950	532	$\frac{3}{133}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{532}^{5}\ \Phi_{266}^{5}\ \Phi_{76}^{5}\ \Phi_{38}^{5}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
159127	1950	602	$\frac{1}{43}$	$\frac{1}{7}$	$\frac{21}{86}$	$\frac{2}{7}$	$\Phi_{602}^{4}\ \Phi_{301}^{2}\ \Phi_{86}^{6}\ \Phi_{43}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
159128	1950	903	$\frac{4}{129}$	$\frac{1}{7}$	$\frac{25}{129}$	$\frac{2}{7}$	$\Phi_{903}^{2}\ \Phi_{301}^{2}\ \Phi_{129}^{3}\ \Phi_{43}^{3}\ \Phi_{21}^{2}\ \Phi_{7}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
159129	1950	378	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{378}^{6}\ \Phi_{189}^{4}\ \Phi_{126}^{6}\ \Phi_{63}^{4}\ \Phi_{54}^{9}\ \Phi_{42}^{4}\ \Phi_{27}^{6}\ \Phi_{21}^{2}\ \Phi_{18}^{9}\ \Phi_{14}^{4}\ \Phi_{9}^{6}\ \Phi_{7}^{4}\ \Phi_{6}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
159130	1950	301	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{301}^{6}\ \Phi_{43}^{9}\ \Phi_{7}^{8}\ \Phi_{1}^{12}$
159131	1950	154	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{154}^{15}\ \Phi_{77}^{13}\ \Phi_{22}^{15}\ \Phi_{11}^{12}$
159132	1950	1949	$\frac{54}{1949}$	$\frac{314}{1949}$	$\frac{379}{1949}$	$\frac{545}{1949}$	$\Phi_{1949}\ \Phi_{1}^{2}$
159133	1950	612	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{612}^{6}\ \Phi_{306}^{3}\ \Phi_{204}\ \Phi_{153}^{3}\ \Phi_{102}\ \Phi_{68}\ \Phi_{36}^{4}\ \Phi_{34}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{6}$
159134	1950	2682	$\frac{4}{149}$	$\frac{1}{6}$	$\frac{29}{149}$	$\frac{5}{18}$	$\Phi_{2682}\ \Phi_{1341}\ \Phi_{149}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
159135	1950	558	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{558}^{5}\ \Phi_{279}^{5}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
159136	1950	2682	$\frac{5}{149}$	$\frac{24}{149}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2682}\ \Phi_{1341}\ \Phi_{149}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
159137	1950	1638	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1638}^{2}\ \Phi_{819}^{2}\ \Phi_{182}\ \Phi_{126}\ \Phi_{91}\ \Phi_{63}\ \Phi_{14}$
159138	1950	2682	$\frac{9}{149}$	$\frac{14}{149}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2682}\ \Phi_{1341}\ \Phi_{149}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
159139	1950	1584	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1584}^{2}\ \Phi_{792}^{2}\ \Phi_{396}^{2}\ \Phi_{198}\ \Phi_{176}\ \Phi_{99}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
159140	1950	2052	$\frac{1}{27}$	$\frac{11}{76}$	$\frac{13}{76}$	$\frac{21}{76}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{513}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{108}\ \Phi_{57}\ \Phi_{54}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
159141	1950	1949	$\frac{109}{1949}$	$\frac{184}{1949}$	$\frac{353}{1949}$	$\frac{532}{1949}$	$\Phi_{1949}\ \Phi_{1}^{2}$
159142	1950	2114	$\frac{1}{14}$	$\frac{11}{151}$	$\frac{28}{151}$	$\frac{41}{151}$	$\Phi_{2114}\ \Phi_{1057}\ \Phi_{302}$
159143	1950	1949	$\frac{139}{1949}$	$\frac{142}{1949}$	$\frac{362}{1949}$	$\frac{529}{1949}$	$\Phi_{1949}\ \Phi_{1}^{2}$
159144	1950	2156	$\frac{11}{196}$	$\frac{1}{11}$	$\frac{37}{196}$	$\frac{53}{196}$	$\Phi_{2156}\ \Phi_{1078}\ \Phi_{539}\ \Phi_{308}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}$
159145	1950	1949	$\frac{64}{1949}$	$\frac{285}{1949}$	$\frac{377}{1949}$	$\frac{524}{1949}$	$\Phi_{1949}\ \Phi_{1}^{2}$
159146	1950	2346	$\frac{11}{391}$	$\frac{1}{6}$	$\frac{76}{391}$	$\frac{105}{391}$	$\Phi_{2346}\ \Phi_{1173}\ \Phi_{782}\ \Phi_{138}\ \Phi_{102}\ \Phi_{69}\ \Phi_{51}\ \Phi_{46}\ \Phi_{34}$
159147	1950	816	$\frac{1}{51}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{816}^{3}\ \Phi_{408}^{3}\ \Phi_{272}^{3}\ \Phi_{204}\ \Phi_{136}^{3}\ \Phi_{102}\ \Phi_{68}\ \Phi_{48}^{3}\ \Phi_{34}\ \Phi_{24}^{3}\ \Phi_{12}\ \Phi_{6}$
159148	1950	756	$\frac{1}{27}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{756}^{3}\ \Phi_{378}^{3}\ \Phi_{252}^{3}\ \Phi_{189}^{3}\ \Phi_{126}^{3}\ \Phi_{108}\ \Phi_{84}^{3}\ \Phi_{63}^{3}\ \Phi_{54}\ \Phi_{42}^{3}\ \Phi_{36}\ \Phi_{21}^{3}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
159149	1950	748	$\frac{3}{68}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{748}^{3}\ \Phi_{374}^{3}\ \Phi_{187}^{3}\ \Phi_{44}\ \Phi_{22}$
159150	1950	516	$\frac{1}{43}$	$\frac{1}{6}$	$\frac{21}{86}$	$\frac{1}{4}$	$\Phi_{516}^{6}\ \Phi_{258}^{3}\ \Phi_{172}^{3}\ \Phi_{129}^{3}\ \Phi_{86}^{2}\ \Phi_{43}\ \Phi_{12}^{8}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
159151	1950	372	$\frac{1}{31}$	$\frac{47}{372}$	$\frac{15}{62}$	$\frac{1}{4}$	$\Phi_{372}^{6}\ \Phi_{186}^{6}\ \Phi_{124}^{3}\ \Phi_{93}^{6}\ \Phi_{62}^{5}\ \Phi_{31}^{4}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
159152	1950	2816	$\frac{3}{64}$	$\frac{1}{11}$	$\frac{61}{256}$	$\frac{1}{4}$	$\Phi_{2816}\ \Phi_{1408}\ \Phi_{44}\ \Phi_{22}$
159153	1950	84	$\frac{1}{21}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{4}$	$\Phi_{84}^{21}\ \Phi_{42}^{21}\ \Phi_{28}^{21}\ \Phi_{21}^{30}\ \Phi_{14}^{21}\ \Phi_{12}^{21}\ \Phi_{7}^{30}\ \Phi_{6}^{21}\ \Phi_{4}^{20}\ \Phi_{3}^{30}\ \Phi_{2}^{20}\ \Phi_{1}^{30}$
159154	1950	864	$\frac{1}{27}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\Phi_{864}^{3}\ \Phi_{432}^{3}\ \Phi_{288}^{3}\ \Phi_{144}^{3}\ \Phi_{108}\ \Phi_{96}^{3}\ \Phi_{54}\ \Phi_{48}^{3}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
159155	1950	336	$\frac{11}{336}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{336}^{6}\ \Phi_{168}^{6}\ \Phi_{112}^{6}\ \Phi_{84}^{6}\ \Phi_{56}^{6}\ \Phi_{48}^{6}\ \Phi_{42}^{6}\ \Phi_{28}^{3}\ \Phi_{24}^{6}\ \Phi_{21}^{6}\ \Phi_{16}^{6}\ \Phi_{14}^{5}\ \Phi_{12}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{4}\ \Phi_{6}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
159156	1950	780	$\frac{1}{26}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{780}^{4}\ \Phi_{390}^{2}\ \Phi_{260}^{2}\ \Phi_{195}^{2}\ \Phi_{156}^{4}\ \Phi_{130}\ \Phi_{78}^{2}\ \Phi_{65}\ \Phi_{60}^{2}\ \Phi_{52}^{4}\ \Phi_{39}^{2}\ \Phi_{26}^{2}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{13}^{2}\ \Phi_{12}^{2}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
159157	1950	2384	$\frac{4}{149}$	$\frac{3}{16}$	$\frac{29}{149}$	$\frac{1}{4}$	$\Phi_{2384}\ \Phi_{1192}\ \Phi_{149}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
159158	1950	516	$\frac{4}{129}$	$\frac{1}{6}$	$\frac{25}{129}$	$\frac{1}{4}$	$\Phi_{516}^{5}\ \Phi_{258}^{2}\ \Phi_{172}^{5}\ \Phi_{129}^{3}\ \Phi_{86}^{2}\ \Phi_{43}^{3}\ \Phi_{12}^{7}\ \Phi_{6}^{3}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
159159	1950	124	$\frac{1}{31}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{1}{4}$	$\Phi_{124}^{21}\ \Phi_{62}^{21}\ \Phi_{4}^{20}\ \Phi_{2}^{20}$
159160	1950	644	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{31}{161}$	$\frac{1}{4}$	$\Phi_{644}^{4}\ \Phi_{322}^{4}\ \Phi_{92}^{4}\ \Phi_{46}^{4}\ \Phi_{28}^{5}\ \Phi_{14}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
159161	1950	588	$\frac{1}{21}$	$\frac{17}{147}$	$\frac{4}{21}$	$\frac{1}{4}$	$\Phi_{588}^{5}\ \Phi_{294}^{5}\ \Phi_{196}^{5}\ \Phi_{98}^{5}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
159162	1950	1488	$\frac{1}{31}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1488}^{2}\ \Phi_{744}^{2}\ \Phi_{496}\ \Phi_{248}\ \Phi_{186}\ \Phi_{93}\ \Phi_{62}$
159163	1950	2384	$\frac{5}{149}$	$\frac{24}{149}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2384}\ \Phi_{1192}\ \Phi_{149}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
159164	1950	1456	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1456}^{2}\ \Phi_{728}^{2}\ \Phi_{182}\ \Phi_{112}\ \Phi_{91}\ \Phi_{56}\ \Phi_{14}$
159165	1950	2384	$\frac{9}{149}$	$\frac{14}{149}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2384}\ \Phi_{1192}\ \Phi_{149}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
159166	1950	176	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{176}^{12}\ \Phi_{88}^{12}\ \Phi_{44}^{13}\ \Phi_{22}^{13}\ \Phi_{11}^{12}$
159167	1950	2604	$\frac{46}{651}$	$\frac{53}{651}$	$\frac{121}{651}$	$\frac{1}{4}$	$\Phi_{2604}\ \Phi_{1302}\ \Phi_{868}\ \Phi_{434}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{84}\ \Phi_{62}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
159168	1950	196	$\frac{1}{14}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{1}{4}$	$\Phi_{196}^{13}\ \Phi_{98}^{6}\ \Phi_{49}^{7}\ \Phi_{28}^{15}\ \Phi_{14}^{7}\ \Phi_{7}^{8}\ \Phi_{4}^{14}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
159169	1950	2604	$\frac{41}{651}$	$\frac{61}{651}$	$\frac{118}{651}$	$\frac{1}{4}$	$\Phi_{2604}\ \Phi_{1302}\ \Phi_{868}\ \Phi_{434}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}\ \Phi_{84}\ \Phi_{62}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
159170	1950	1972	$\frac{3}{68}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\Phi_{1972}\ \Phi_{986}\ \Phi_{493}\ \Phi_{68}^{2}\ \Phi_{34}^{2}\ \Phi_{29}\ \Phi_{17}^{2}\ \Phi_{1}^{2}$
159171	1950	108	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{108}^{25}\ \Phi_{54}^{13}\ \Phi_{36}^{25}\ \Phi_{27}^{12}\ \Phi_{18}^{13}\ \Phi_{12}^{17}\ \Phi_{9}^{12}\ \Phi_{6}^{9}\ \Phi_{4}^{16}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
159172	1950	1428	$\frac{3}{68}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1428}^{2}\ \Phi_{714}^{2}\ \Phi_{476}\ \Phi_{357}^{2}\ \Phi_{238}\ \Phi_{119}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
159173	1950	516	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{516}^{6}\ \Phi_{258}^{3}\ \Phi_{172}^{3}\ \Phi_{129}^{3}\ \Phi_{43}^{3}\ \Phi_{12}^{8}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
159174	1950	924	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{924}^{4}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{231}^{2}\ \Phi_{154}\ \Phi_{132}^{2}\ \Phi_{77}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
159175	1950	756	$\frac{1}{21}$	$\frac{53}{378}$	$\frac{10}{63}$	$\frac{1}{4}$	$\Phi_{756}^{4}\ \Phi_{378}^{2}\ \Phi_{252}^{2}\ \Phi_{189}^{2}\ \Phi_{108}^{4}\ \Phi_{84}^{3}\ \Phi_{63}^{2}\ \Phi_{54}^{2}\ \Phi_{42}\ \Phi_{36}^{2}\ \Phi_{28}^{3}\ \Phi_{27}^{2}\ \Phi_{21}^{2}\ \Phi_{14}\ \Phi_{12}^{3}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{6}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
159176	1950	308	$\frac{5}{77}$	$\frac{3}{28}$	$\frac{12}{77}$	$\frac{1}{4}$	$\Phi_{308}^{6}\ \Phi_{154}^{6}\ \Phi_{77}^{7}\ \Phi_{44}^{6}\ \Phi_{28}^{7}\ \Phi_{22}^{6}\ \Phi_{14}^{7}\ \Phi_{11}^{7}\ \Phi_{7}^{8}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
159177	1950	28	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{28}^{67}\ \Phi_{14}^{73}\ \Phi_{7}^{72}\ \Phi_{4}^{66}\ \Phi_{2}^{72}\ \Phi_{1}^{72}$
159178	1950	2464	$\frac{1}{11}$	$\frac{3}{32}$	$\frac{29}{224}$	$\frac{1}{4}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}$
159179	1950	792	$\frac{1}{11}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{792}^{3}\ \Phi_{396}^{3}\ \Phi_{264}^{3}\ \Phi_{198}^{3}\ \Phi_{132}^{3}\ \Phi_{99}^{3}\ \Phi_{66}^{3}\ \Phi_{44}\ \Phi_{33}^{3}\ \Phi_{22}$
159180	1950	308	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{5}{44}$	$\frac{1}{4}$	$\Phi_{308}^{7}\ \Phi_{154}^{7}\ \Phi_{77}^{7}\ \Phi_{44}^{2}\ \Phi_{28}^{8}\ \Phi_{22}^{2}\ \Phi_{14}^{8}\ \Phi_{11}\ \Phi_{7}^{8}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
159181	1950	138	$\frac{1}{23}$	$\frac{7}{46}$	$\frac{1}{6}$	$\frac{11}{46}$	$\Phi_{138}^{17}\ \Phi_{69}^{17}\ \Phi_{46}^{9}\ \Phi_{23}^{8}\ \Phi_{6}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
159182	1950	924	$\frac{1}{11}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{84}$	$\Phi_{924}^{3}\ \Phi_{462}^{3}\ \Phi_{308}^{3}\ \Phi_{154}^{3}\ \Phi_{132}^{3}\ \Phi_{77}\ \Phi_{66}^{3}\ \Phi_{44}^{3}\ \Phi_{22}^{3}$
159183	1950	2464	$\frac{5}{77}$	$\frac{1}{8}$	$\frac{12}{77}$	$\frac{7}{32}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{352}\ \Phi_{224}\ \Phi_{176}\ \Phi_{112}\ \Phi_{77}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}^{2}$
159184	1950	224	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{32}$	$\Phi_{224}^{11}\ \Phi_{112}^{11}\ \Phi_{32}^{12}\ \Phi_{16}^{12}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
159185	1950	352	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{8}$	$\frac{7}{32}$	$\Phi_{352}^{7}\ \Phi_{176}^{7}\ \Phi_{44}^{2}\ \Phi_{32}^{8}\ \Phi_{22}^{2}\ \Phi_{16}^{8}\ \Phi_{11}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
159186	1950	138	$\frac{4}{69}$	$\frac{3}{23}$	$\frac{1}{6}$	$\frac{5}{23}$	$\Phi_{138}^{17}\ \Phi_{69}^{11}\ \Phi_{46}^{17}\ \Phi_{23}^{12}\ \Phi_{6}^{16}\ \Phi_{3}^{10}\ \Phi_{2}^{16}\ \Phi_{1}^{12}$
159187	1950	555	$\frac{2}{37}$	$\frac{2}{15}$	$\frac{7}{37}$	$\frac{1}{5}$	$\Phi_{555}^{4}\ \Phi_{185}^{2}\ \Phi_{111}^{4}\ \Phi_{37}^{4}\ \Phi_{15}^{6}\ \Phi_{5}^{3}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
159188	1950	240	$\frac{1}{16}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}^{9}\ \Phi_{60}^{8}\ \Phi_{48}^{10}\ \Phi_{40}^{9}\ \Phi_{30}^{3}\ \Phi_{24}^{10}\ \Phi_{20}^{9}\ \Phi_{16}^{10}\ \Phi_{15}^{5}\ \Phi_{12}^{10}\ \Phi_{10}^{4}\ \Phi_{8}^{10}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{10}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
159189	1950	464	$\frac{1}{16}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{3}{16}$	$\Phi_{464}^{4}\ \Phi_{232}^{4}\ \Phi_{116}^{4}\ \Phi_{58}^{4}\ \Phi_{29}^{5}\ \Phi_{16}^{8}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
159190	1950	336	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{16}$	$\Phi_{336}^{8}\ \Phi_{168}^{8}\ \Phi_{112}^{4}\ \Phi_{84}^{8}\ \Phi_{56}^{4}\ \Phi_{42}^{9}\ \Phi_{28}^{4}\ \Phi_{21}^{9}\ \Phi_{14}^{5}\ \Phi_{7}^{4}$
159191	1950	1949	$\frac{124}{1949}$	$\frac{264}{1949}$	$\frac{337}{1949}$	$\frac{365}{1949}$	$\Phi_{1949}\ \Phi_{1}^{2}$
159192	1950	2282	$\frac{21}{326}$	$\frac{1}{7}$	$\frac{53}{326}$	$\frac{61}{326}$	$\Phi_{2282}\ \Phi_{1141}\ \Phi_{14}$
159193	1950	1949	$\frac{129}{1949}$	$\frac{272}{1949}$	$\frac{317}{1949}$	$\frac{364}{1949}$	$\Phi_{1949}\ \Phi_{1}^{2}$
159194	1950	2346	$\frac{26}{391}$	$\frac{53}{391}$	$\frac{1}{6}$	$\frac{73}{391}$	$\Phi_{2346}\ \Phi_{1173}\ \Phi_{782}\ \Phi_{138}\ \Phi_{102}\ \Phi_{69}\ \Phi_{51}\ \Phi_{46}\ \Phi_{34}$
159195	1950	510	$\frac{7}{85}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{3}{17}$	$\Phi_{510}^{5}\ \Phi_{255}^{5}\ \Phi_{170}^{5}\ \Phi_{102}^{3}\ \Phi_{51}^{3}\ \Phi_{34}^{3}\ \Phi_{30}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}$
159196	1950	1218	$\frac{1}{14}$	$\frac{4}{29}$	$\frac{1}{6}$	$\frac{5}{29}$	$\Phi_{1218}^{2}\ \Phi_{609}^{2}\ \Phi_{406}\ \Phi_{203}\ \Phi_{174}\ \Phi_{87}\ \Phi_{42}^{4}\ \Phi_{29}\ \Phi_{21}^{4}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
159197	1950	2088	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{4}{29}$	$\frac{5}{29}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{522}\ \Phi_{348}\ \Phi_{261}\ \Phi_{174}\ \Phi_{87}\ \Phi_{72}^{2}\ \Phi_{36}^{2}\ \Phi_{29}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
159198	1950	2114	$\frac{1}{14}$	$\frac{21}{151}$	$\frac{25}{151}$	$\frac{26}{151}$	$\Phi_{2114}\ \Phi_{1057}\ \Phi_{302}$
159199	1950	1949	$\frac{125}{1949}$	$\frac{304}{1949}$	$\frac{324}{1949}$	$\frac{329}{1949}$	$\Phi_{1949}\ \Phi_{1}^{2}$
159200	1950	2346	$\frac{25}{391}$	$\frac{61}{391}$	$\frac{1}{6}$	$\frac{66}{391}$	$\Phi_{2346}\ \Phi_{1173}\ \Phi_{782}\ \Phi_{138}\ \Phi_{102}\ \Phi_{69}\ \Phi_{51}\ \Phi_{46}\ \Phi_{34}$
159201	1950	462	$\frac{5}{77}$	$\frac{12}{77}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{462}^{4}\ \Phi_{231}^{4}\ \Phi_{154}^{4}\ \Phi_{77}^{5}\ \Phi_{66}^{4}\ \Phi_{42}^{4}\ \Phi_{33}^{4}\ \Phi_{22}^{4}\ \Phi_{21}^{4}\ \Phi_{14}^{4}\ \Phi_{11}^{5}\ \Phi_{7}^{5}\ \Phi_{6}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
159202	1950	42	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{42}^{44}\ \Phi_{21}^{44}\ \Phi_{14}^{50}\ \Phi_{7}^{49}\ \Phi_{6}^{48}\ \Phi_{3}^{48}\ \Phi_{2}^{54}\ \Phi_{1}^{54}$
159203	1950	132	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{132}^{16}\ \Phi_{66}^{12}\ \Phi_{44}^{18}\ \Phi_{33}^{12}\ \Phi_{22}^{14}\ \Phi_{12}^{16}\ \Phi_{11}^{13}\ \Phi_{6}^{16}\ \Phi_{4}^{18}\ \Phi_{3}^{16}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
159204	1950	138	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{7}{46}$	$\frac{1}{6}$	$\Phi_{138}^{17}\ \Phi_{69}^{17}\ \Phi_{46}^{7}\ \Phi_{23}^{10}\ \Phi_{6}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{6}\ \Phi_{1}^{10}$
159205	1950	504	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{504}^{5}\ \Phi_{252}^{5}\ \Phi_{168}^{3}\ \Phi_{126}^{5}\ \Phi_{84}^{3}\ \Phi_{63}^{5}\ \Phi_{56}^{4}\ \Phi_{42}^{4}\ \Phi_{28}^{4}\ \Phi_{21}^{4}\ \Phi_{14}^{5}\ \Phi_{7}^{4}$
159206	1951	3120	$\frac{1}{390}$	$\frac{391}{1560}$	$\frac{1169}{3120}$	$\frac{389}{780}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{780}\ \Phi_{624}\ \Phi_{260}\ \Phi_{240}\ \Phi_{208}\ \Phi_{156}\ \Phi_{80}\ \Phi_{60}\ \Phi_{52}\ \Phi_{48}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
159207	1951	2604	$\frac{2}{651}$	$\frac{653}{2604}$	$\frac{1}{3}$	$\frac{649}{1302}$	$\Phi_{2604}\ \Phi_{868}\ \Phi_{651}\ \Phi_{372}\ \Phi_{217}\ \Phi_{124}\ \Phi_{93}\ \Phi_{84}\ \Phi_{31}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
159208	1951	3888	$\frac{7}{1944}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1937}{3888}$	$\Phi_{3888}\ \Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
159209	1951	3888	$\frac{7}{1944}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1937}{3888}$	$\Phi_{3888}\ \Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
159210	1951	3880	$\frac{11}{1940}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1929}{3880}$	$\Phi_{3880}\ \Phi_{776}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
159211	1951	3600	$\frac{1}{150}$	$\frac{151}{1800}$	$\frac{1649}{3600}$	$\frac{149}{300}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{144}\ \Phi_{100}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
159212	1951	2700	$\frac{1}{150}$	$\frac{151}{900}$	$\frac{749}{2700}$	$\frac{149}{300}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{300}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{100}\ \Phi_{60}\ \Phi_{54}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
159213	1951	2400	$\frac{1}{150}$	$\frac{449}{2400}$	$\frac{151}{600}$	$\frac{149}{300}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{160}\ \Phi_{100}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
159214	1951	2232	$\frac{2}{279}$	$\frac{281}{2232}$	$\frac{1}{3}$	$\frac{277}{558}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{744}\ \Phi_{372}\ \Phi_{279}\ \Phi_{248}\ \Phi_{124}\ \Phi_{93}\ \Phi_{72}\ \Phi_{36}\ \Phi_{31}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
159215	1951	3640	$\frac{1}{130}$	$\frac{131}{1820}$	$\frac{1689}{3640}$	$\frac{129}{260}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{280}\ \Phi_{260}\ \Phi_{104}\ \Phi_{56}\ \Phi_{52}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
159216	1951	3864	$\frac{19}{1932}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1913}{3864}$	$\Phi_{3864}\ \Phi_{1288}\ \Phi_{552}\ \Phi_{184}\ \Phi_{168}\ \Phi_{56}\ \Phi_{24}\ \Phi_{21}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
159217	1951	3744	$\frac{1}{78}$	$\frac{79}{1872}$	$\frac{1793}{3744}$	$\frac{77}{156}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{156}\ \Phi_{96}\ \Phi_{52}\ \Phi_{32}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
159218	1951	2808	$\frac{1}{78}$	$\frac{79}{936}$	$\frac{857}{2808}$	$\frac{77}{156}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{216}\ \Phi_{156}\ \Phi_{108}\ \Phi_{54}\ \Phi_{52}\ \Phi_{27}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
159219	1951	2184	$\frac{1}{78}$	$\frac{233}{2184}$	$\frac{79}{312}$	$\frac{77}{156}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{168}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{56}\ \Phi_{52}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
159220	1951	2496	$\frac{1}{78}$	$\frac{79}{624}$	$\frac{545}{2496}$	$\frac{77}{156}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{832}\ \Phi_{416}\ \Phi_{192}\ \Phi_{156}\ \Phi_{96}\ \Phi_{64}\ \Phi_{52}\ \Phi_{32}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
159221	1951	2340	$\frac{1}{78}$	$\frac{389}{2340}$	$\frac{79}{468}$	$\frac{77}{156}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{156}\ \Phi_{130}\ \Phi_{90}\ \Phi_{65}\ \Phi_{60}\ \Phi_{52}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
159222	1951	3848	$\frac{27}{1924}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{1897}{3848}$	$\Phi_{3848}\ \Phi_{296}\ \Phi_{104}\ \Phi_{52}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
159223	1951	3840	$\frac{31}{1920}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{1889}{3840}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{256}\ \Phi_{60}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
159224	1951	3840	$\frac{31}{1920}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1889}{3840}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{256}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
159225	1951	3800	$\frac{1}{50}$	$\frac{51}{1900}$	$\frac{1849}{3800}$	$\frac{49}{100}$	$\Phi_{3800}\ \Phi_{760}\ \Phi_{200}\ \Phi_{152}\ \Phi_{100}\ \Phi_{40}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
159226	1951	2046	$\frac{2}{93}$	$\frac{95}{2046}$	$\frac{1}{3}$	$\frac{91}{186}$	$\Phi_{2046}\ \Phi_{1023}\ \Phi_{682}\ \Phi_{341}\ \Phi_{93}\ \Phi_{66}\ \Phi_{33}\ \Phi_{31}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
159227	1951	2016	$\frac{2}{63}$	$\frac{65}{2016}$	$\frac{1}{3}$	$\frac{61}{126}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
159228	1951	2240	$\frac{9}{280}$	$\frac{1}{10}$	$\frac{289}{2240}$	$\frac{271}{560}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{64}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
159229	1951	3780	$\frac{2}{63}$	$\frac{61}{1890}$	$\frac{1}{3}$	$\frac{1829}{3780}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
159230	1951	3780	$\frac{61}{1890}$	$\frac{1}{30}$	$\frac{29}{90}$	$\frac{1829}{3780}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{108}\ \Phi_{90}\ \Phi_{84}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
159231	1951	3780	$\frac{61}{1890}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1829}{3780}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{108}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
159232	1951	2880	$\frac{31}{960}$	$\frac{1}{30}$	$\frac{929}{2880}$	$\frac{29}{60}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{576}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
159233	1951	2040	$\frac{1}{30}$	$\frac{89}{2040}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
159234	1951	2400	$\frac{1}{30}$	$\frac{31}{480}$	$\frac{449}{2400}$	$\frac{29}{60}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
159235	1951	2160	$\frac{1}{30}$	$\frac{209}{2160}$	$\frac{31}{240}$	$\frac{29}{60}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
159236	1951	2070	$\frac{4}{115}$	$\frac{119}{2070}$	$\frac{1}{5}$	$\frac{111}{230}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{414}\ \Phi_{345}\ \Phi_{207}\ \Phi_{138}\ \Phi_{115}\ \Phi_{90}\ \Phi_{69}\ \Phi_{45}\ \Phi_{30}\ \Phi_{23}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
159237	1951	3744	$\frac{1}{39}$	$\frac{79}{1872}$	$\frac{38}{117}$	$\frac{1793}{3744}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{117}\ \Phi_{96}\ \Phi_{32}\ \Phi_{9}\ \Phi_{1}$
159238	1951	3744	$\frac{1}{26}$	$\frac{79}{1872}$	$\frac{25}{104}$	$\frac{1793}{3744}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{104}\ \Phi_{96}\ \Phi_{52}\ \Phi_{32}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
159239	1951	3740	$\frac{81}{1870}$	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{1789}{3740}$	$\Phi_{3740}\ \Phi_{748}\ \Phi_{340}\ \Phi_{220}\ \Phi_{85}\ \Phi_{68}\ \Phi_{44}\ \Phi_{20}\ \Phi_{17}\ \Phi_{4}\ \Phi_{1}$
159240	1951	2640	$\frac{1}{30}$	$\frac{29}{660}$	$\frac{689}{2640}$	$\frac{631}{1320}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{240}\ \Phi_{220}\ \Phi_{176}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{80}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
159241	1951	2040	$\frac{89}{2040}$	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{81}{170}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{136}\ \Phi_{120}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
159242	1951	3720	$\frac{2}{93}$	$\frac{91}{1860}$	$\frac{1}{3}$	$\frac{1769}{3720}$	$\Phi_{3720}\ \Phi_{1240}\ \Phi_{744}\ \Phi_{248}\ \Phi_{120}\ \Phi_{93}\ \Phi_{40}\ \Phi_{31}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
159243	1951	2652	$\frac{1}{39}$	$\frac{38}{663}$	$\frac{701}{2652}$	$\frac{625}{1326}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{663}\ \Phi_{221}\ \Phi_{204}\ \Phi_{156}\ \Phi_{68}\ \Phi_{52}\ \Phi_{51}\ \Phi_{17}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
159244	1951	3680	$\frac{4}{115}$	$\frac{111}{1840}$	$\frac{1}{5}$	$\frac{1729}{3680}$	$\Phi_{3680}\ \Phi_{736}\ \Phi_{160}\ \Phi_{115}\ \Phi_{32}\ \Phi_{23}\ \Phi_{1}$
159245	1951	3640	$\frac{9}{140}$	$\frac{131}{1820}$	$\frac{1}{10}$	$\frac{1689}{3640}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{280}\ \Phi_{140}\ \Phi_{104}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
159246	1951	3600	$\frac{1}{75}$	$\frac{151}{1800}$	$\frac{74}{225}$	$\frac{1649}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{225}\ \Phi_{144}\ \Phi_{80}\ \Phi_{48}\ \Phi_{45}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
159247	1951	3600	$\frac{1}{50}$	$\frac{151}{1800}$	$\frac{49}{200}$	$\frac{1649}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{144}\ \Phi_{100}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
159248	1951	3600	$\frac{1}{30}$	$\frac{151}{1800}$	$\frac{29}{180}$	$\frac{1649}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
159249	1951	1974	$\frac{23}{1974}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1974}\ \Phi_{987}\ \Phi_{658}\ \Phi_{329}\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}\ \Phi_{47}\ \Phi_{21}\ \Phi_{7}\ \Phi_{1}$
159250	1951	2700	$\frac{1}{75}$	$\frac{74}{675}$	$\frac{749}{2700}$	$\frac{601}{1350}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{675}\ \Phi_{540}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{100}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
159251	1951	3500	$\frac{1}{50}$	$\frac{201}{1750}$	$\frac{49}{250}$	$\frac{1549}{3500}$	$\Phi_{3500}\ \Phi_{700}\ \Phi_{500}\ \Phi_{250}\ \Phi_{140}\ \Phi_{125}\ \Phi_{100}\ \Phi_{28}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
159252	1951	2400	$\frac{1}{50}$	$\frac{49}{400}$	$\frac{449}{2400}$	$\frac{351}{800}$	Φ_{2400} Φ_{1200} Φ_{600} Φ_{480} Φ_{400} Φ_{300} Φ_{240} Φ_{200} Φ_{150} Φ_{120} Φ_{100} Φ_{96} Φ_{80} Φ_{75} Φ_{60} Φ_{48} Φ_{40} Φ_{30} Φ_{24} Φ_{20} Φ_{16} Φ_{15} Φ_{12} Φ_{8} Φ_{6} Φ_{4} Φ_{3} Φ_{1}
159253	1951	2160	$\frac{1}{30}$	$\frac{209}{2160}$	$\frac{29}{180}$	$\frac{151}{360}$	Φ_{2160} Φ_{1080} Φ_{720} Φ_{540} Φ_{432} Φ_{270} Φ_{240} Φ_{216} Φ_{180} Φ_{144} Φ_{135} Φ_{108} Φ_{90} Φ_{80} Φ_{60} Φ_{54} Φ_{48} Φ_{45} Φ_{36} Φ_{27} Φ_{20} Φ_{18} Φ_{16} Φ_{12} Φ_{9} Φ_{4} Φ_{1}
159254	1951	3360	$\frac{9}{280}$	$\frac{1}{10}$	$\frac{271}{1680}$	$\frac{1409}{3360}$	Φ_{3360} Φ_{1120} Φ_{672} Φ_{480} Φ_{280} Φ_{224} Φ_{160} Φ_{140} Φ_{96} Φ_{70} Φ_{56} Φ_{40} Φ_{35} Φ_{32} Φ_{28} Φ_{20} Φ_{14} Φ_{8} Φ_{7} Φ_{4} Φ_{1}
159255	1951	3348	$\frac{2}{279}$	$\frac{277}{1674}$	$\frac{1}{3}$	$\frac{1397}{3348}$	Φ_{3348} Φ_{1116} Φ_{372} Φ_{279} Φ_{124} Φ_{108} Φ_{93} Φ_{36} Φ_{31} Φ_{12} Φ_{9} Φ_{4} Φ_{1}
159256	1951	2916	$\frac{7}{972}$	$\frac{1}{6}$	$\frac{965}{2916}$	$\frac{5}{12}$	Φ_{2916} Φ_{1458} Φ_{729} Φ_{12} Φ_{4} Φ_{1}
159257	1951	1968	$\frac{17}{1968}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	Φ_{1968} Φ_{984} Φ_{656} Φ_{492} Φ_{328} Φ_{246} Φ_{164} Φ_{123} Φ_{82} Φ_{48} Φ_{41} Φ_{16} Φ_{12} Φ_{4} Φ_{1}
159258	1951	2592	$\frac{7}{648}$	$\frac{1}{6}$	$\frac{641}{2592}$	$\frac{5}{12}$	Φ_{2592} Φ_{1296} Φ_{864} Φ_{432} Φ_{288} Φ_{144} Φ_{96} Φ_{48} Φ_{32} Φ_{16} Φ_{12} Φ_{4} Φ_{1}
159259	1951	1980	$\frac{29}{1980}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	Φ_{1980} Φ_{990} Φ_{660} Φ_{495} Φ_{396} Φ_{330} Φ_{220} Φ_{198} Φ_{180} Φ_{165} Φ_{132} Φ_{110} Φ_{99} Φ_{90} Φ_{66} Φ_{60} Φ_{55} Φ_{45} Φ_{44} Φ_{33} Φ_{30} Φ_{22} Φ_{20} Φ_{15} Φ_{12} Φ_{11} Φ_{10} Φ_{5} Φ_{4} Φ_{1}
159260	1951	2268	$\frac{7}{324}$	$\frac{317}{2268}$	$\frac{1}{6}$	$\frac{5}{12}$	Φ_{2268} Φ_{1134} Φ_{756} Φ_{567} Φ_{378} Φ_{252} Φ_{189} Φ_{126} Φ_{84} Φ_{63} Φ_{42} Φ_{28} Φ_{21} Φ_{14} Φ_{12} Φ_{7} Φ_{4} Φ_{1}
159261	1951	2016	$\frac{65}{2016}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{5}{12}$	Φ_{2016} Φ_{1008} Φ_{672} Φ_{504} Φ_{336} Φ_{288} Φ_{252} Φ_{224} Φ_{168} Φ_{144} Φ_{126} Φ_{112} Φ_{96} Φ_{84} Φ_{63} Φ_{56} Φ_{48} Φ_{42} Φ_{32} Φ_{28} Φ_{21} Φ_{16} Φ_{14} Φ_{12} Φ_{7} Φ_{4} Φ_{1}
159262	1951	2160	$\frac{7}{216}$	$\frac{209}{2160}$	$\frac{1}{6}$	$\frac{5}{12}$	Φ_{2160} Φ_{1080} Φ_{720} Φ_{540} Φ_{432} Φ_{360} Φ_{270} Φ_{240} Φ_{180} Φ_{144} Φ_{135} Φ_{120} Φ_{90} Φ_{80} Φ_{60} Φ_{48} Φ_{45} Φ_{40} Φ_{30} Φ_{20} Φ_{16} Φ_{15} Φ_{12} Φ_{10} Φ_{5} Φ_{4} Φ_{1}
159263	1951	2052	$\frac{101}{2052}$	$\frac{7}{108}$	$\frac{1}{6}$	$\frac{5}{12}$	Φ_{2052} Φ_{1026} Φ_{684} Φ_{513} Φ_{342} Φ_{228} Φ_{171} Φ_{114} Φ_{76} Φ_{57} Φ_{38} Φ_{19} Φ_{12} Φ_{4} Φ_{1}
159264	1951	3300	$\frac{1}{30}$	$\frac{29}{330}$	$\frac{301}{1650}$	$\frac{1349}{3300}$	Φ_{3300} Φ_{1100} Φ_{660} Φ_{330} Φ_{300} Φ_{220} Φ_{165} Φ_{132} Φ_{110} Φ_{100} Φ_{66} Φ_{60} Φ_{55} Φ_{44} Φ_{33} Φ_{22} Φ_{20} Φ_{12} Φ_{11} Φ_{4} Φ_{1}
159265	1951	3200	$\frac{1}{50}$	$\frac{49}{400}$	$\frac{351}{1600}$	$\frac{1249}{3200}$	Φ_{3200} Φ_{640} Φ_{400} Φ_{200} Φ_{128} Φ_{100} Φ_{80} Φ_{40} Φ_{20} Φ_{16} Φ_{8} Φ_{4} Φ_{1}
159266	1951	1962	$\frac{11}{1962}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	Φ_{1962} Φ_{981} Φ_{654} Φ_{327} Φ_{218} Φ_{109} Φ_{9} Φ_{1}
159267	1951	2000	$\frac{49}{2000}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	Φ_{2000} Φ_{1000} Φ_{500} Φ_{400} Φ_{250} Φ_{200} Φ_{125} Φ_{100} Φ_{50} Φ_{40} Φ_{25} Φ_{20} Φ_{8} Φ_{4} Φ_{1}
159268	1951	2080	$\frac{1}{26}$	$\frac{129}{2080}$	$\frac{25}{104}$	$\frac{79}{208}$	Φ_{2080} Φ_{1040} Φ_{520} Φ_{416} Φ_{260} Φ_{160} Φ_{130} Φ_{104} Φ_{80} Φ_{65} Φ_{52} Φ_{40} Φ_{32} Φ_{20} Φ_{10} Φ_{8} Φ_{5} Φ_{4} Φ_{1}
159269	1951	3120	$\frac{1}{130}$	$\frac{129}{520}$	$\frac{391}{1560}$	$\frac{1169}{3120}$	Φ_{3120} Φ_{1040} Φ_{624} Φ_{520} Φ_{260} Φ_{240} Φ_{208} Φ_{104} Φ_{80} Φ_{52} Φ_{48} Φ_{40} Φ_{20} Φ_{16} Φ_{8} Φ_{4} Φ_{1}
159270	1951	3000	$\frac{1}{50}$	$\frac{49}{500}$	$\frac{451}{1500}$	$\frac{1049}{3000}$	Φ_{3000} Φ_{1000} Φ_{600} Φ_{500} Φ_{250} Φ_{200} Φ_{125} Φ_{120} Φ_{100} Φ_{40} Φ_{24} Φ_{20} Φ_{8} Φ_{4} Φ_{1}
159271	1951	2964	$\frac{1}{26}$	$\frac{25}{494}$	$\frac{469}{1482}$	$\frac{1013}{2964}$	Φ_{2964} Φ_{988} Φ_{494} Φ_{247} Φ_{228} Φ_{156} Φ_{76} Φ_{52} Φ_{38} Φ_{19} Φ_{12} Φ_{4} Φ_{1}
159272	1951	2106	$\frac{1}{39}$	$\frac{155}{2106}$	$\frac{38}{117}$	$\frac{79}{234}$	Φ_{2106} Φ_{1053} Φ_{702} Φ_{351} Φ_{162} Φ_{117} Φ_{81} Φ_{54} Φ_{27} Φ_{9} Φ_{1}
159273	1951	2940	$\frac{9}{490}$	$\frac{1}{10}$	$\frac{481}{1470}$	$\frac{989}{2940}$	Φ_{2940} Φ_{980} Φ_{588} Φ_{490} Φ_{420} Φ_{245} Φ_{196} Φ_{140} Φ_{98} Φ_{84} Φ_{70} Φ_{60} Φ_{49} Φ_{35} Φ_{28} Φ_{20} Φ_{14} Φ_{12} Φ_{7} Φ_{4} Φ_{1}
159274	1951	2250	$\frac{1}{75}$	$\frac{299}{2250}$	$\frac{74}{225}$	$\frac{151}{450}$	Φ_{2250} Φ_{1125} Φ_{750} Φ_{375} Φ_{250} Φ_{225} Φ_{125} Φ_{45} Φ_{9} Φ_{1}
159275	1951	2511	$\frac{2}{279}$	$\frac{560}{2511}$	$\frac{277}{837}$	$\frac{1}{3}$	Φ_{2511} Φ_{279} Φ_{93} Φ_{81} Φ_{31} Φ_{9} Φ_{1}
159276	1951	2916	$\frac{7}{972}$	$\frac{2}{9}$	$\frac{965}{2916}$	$\frac{1}{3}$	Φ_{2916} Φ_{1458} Φ_{729} Φ_{9} Φ_{1}
159277	1951	2898	$\frac{19}{966}$	$\frac{2}{21}$	$\frac{947}{2898}$	$\frac{1}{3}$	Φ_{2898} Φ_{1449} Φ_{414} Φ_{207} Φ_{126} Φ_{63} Φ_{21} Φ_{18} Φ_{9} Φ_{7} Φ_{1}
159278	1951	2079	$\frac{2}{63}$	$\frac{128}{2079}$	$\frac{61}{189}$	$\frac{1}{3}$	Φ_{2079} Φ_{693} Φ_{297} Φ_{231} Φ_{99} Φ_{77} Φ_{63} Φ_{33} Φ_{21} Φ_{11} Φ_{9} Φ_{7} Φ_{1}
159279	1951	2835	$\frac{2}{63}$	$\frac{61}{945}$	$\frac{884}{2835}$	$\frac{1}{3}$	Φ_{2835} Φ_{567} Φ_{405} Φ_{81} Φ_{63} Φ_{21} Φ_{9} Φ_{7} Φ_{1}
159280	1951	2790	$\frac{2}{93}$	$\frac{91}{930}$	$\frac{839}{2790}$	$\frac{1}{3}$	Φ_{2790} Φ_{1395} Φ_{558} Φ_{279} Φ_{93} Φ_{90} Φ_{45} Φ_{31} Φ_{18} Φ_{9} Φ_{1}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
159281	1951	1971	$\frac{20}{1971}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	Φ_{1971} Φ_{657} Φ_{219} Φ_{73} Φ_{9} Φ_{1}
159282	1951	2592	$\frac{7}{648}$	$\frac{2}{9}$	$\frac{641}{2592}$	$\frac{1}{3}$	Φ_{2592} Φ_{1296} Φ_{864} Φ_{432} Φ_{288} Φ_{144} Φ_{96} Φ_{48} Φ_{32} Φ_{16} Φ_{9} Φ_{1}
159283	1951	2232	$\frac{2}{93}$	$\frac{281}{2232}$	$\frac{91}{372}$	$\frac{1}{3}$	Φ_{2232} Φ_{1116} Φ_{744} Φ_{558} Φ_{279} Φ_{248} Φ_{93} Φ_{72} Φ_{36} Φ_{31} Φ_{24} Φ_{18} Φ_{9} Φ_{8} Φ_{1}
159284	1951	2016	$\frac{65}{2016}$	$\frac{2}{21}$	$\frac{19}{84}$	$\frac{1}{3}$	Φ_{2016} Φ_{1008} Φ_{672} Φ_{504} Φ_{336} Φ_{288} Φ_{252} Φ_{224} Φ_{168} Φ_{144} Φ_{126} Φ_{112} Φ_{96} Φ_{72} Φ_{63} Φ_{56} Φ_{48} Φ_{36} Φ_{32} Φ_{24} Φ_{21} Φ_{18} Φ_{16} Φ_{9} Φ_{8} Φ_{7} Φ_{1}
159285	1951	2520	$\frac{2}{63}$	$\frac{61}{630}$	$\frac{569}{2520}$	$\frac{1}{3}$	Φ_{2520} Φ_{1260} Φ_{840} Φ_{504} Φ_{420} Φ_{360} Φ_{280} Φ_{252} Φ_{180} Φ_{168} Φ_{140} Φ_{120} Φ_{84} Φ_{72} Φ_{63} Φ_{60} Φ_{56} Φ_{40} Φ_{36} Φ_{28} Φ_{24} Φ_{21} Φ_{20} Φ_{12} Φ_{9} Φ_{8} Φ_{7} Φ_{4} Φ_{1}
159286	1951	2430	$\frac{7}{486}$	$\frac{479}{2430}$	$\frac{2}{9}$	$\frac{1}{3}$	Φ_{2430} Φ_{1215} Φ_{810} Φ_{405} Φ_{270} Φ_{135} Φ_{90} Φ_{45} Φ_{30} Φ_{15} Φ_{10} Φ_{9} Φ_{5} Φ_{1}
159287	1951	1980	$\frac{29}{1980}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	Φ_{1980} Φ_{990} Φ_{660} Φ_{495} Φ_{396} Φ_{330} Φ_{220} Φ_{198} Φ_{180} Φ_{165} Φ_{132} Φ_{110} Φ_{99} Φ_{90} Φ_{66} Φ_{60} Φ_{55} Φ_{45} Φ_{44} Φ_{33} Φ_{30} Φ_{22} Φ_{20} Φ_{15} Φ_{11} Φ_{10} Φ_{9} Φ_{5} Φ_{1}
159288	1951	2268	$\frac{7}{324}$	$\frac{317}{2268}$	$\frac{2}{9}$	$\frac{1}{3}$	Φ_{2268} Φ_{1134} Φ_{756} Φ_{567} Φ_{378} Φ_{252} Φ_{189} Φ_{126} Φ_{84} Φ_{63} Φ_{42} Φ_{28} Φ_{21} Φ_{14} Φ_{9} Φ_{7} Φ_{1}
159289	1951	1998	$\frac{47}{1998}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	Φ_{1998} Φ_{999} Φ_{666} Φ_{333} Φ_{222} Φ_{111} Φ_{74} Φ_{37} Φ_{9} Φ_{1}
159290	1951	2187	$\frac{7}{243}$	$\frac{236}{2187}$	$\frac{2}{9}$	$\frac{1}{3}$	Φ_{2187} Φ_{729} Φ_{9} Φ_{1}
159291	1951	2016	$\frac{65}{2016}$	$\frac{7}{72}$	$\frac{2}{9}$	$\frac{1}{3}$	Φ_{2016} Φ_{1008} Φ_{672} Φ_{504} Φ_{336} Φ_{288} Φ_{252} Φ_{224} Φ_{168} Φ_{144} Φ_{126} Φ_{112} Φ_{96} Φ_{84} Φ_{63} Φ_{56} Φ_{48} Φ_{42} Φ_{32} Φ_{28} Φ_{21} Φ_{16} Φ_{14} Φ_{9} Φ_{7} Φ_{1}
159292	1951	2160	$\frac{7}{216}$	$\frac{209}{2160}$	$\frac{2}{9}$	$\frac{1}{3}$	Φ_{2160} Φ_{1080} Φ_{720} Φ_{540} Φ_{432} Φ_{360} Φ_{270} Φ_{240} Φ_{180} Φ_{144} Φ_{135} Φ_{120} Φ_{90} Φ_{80} Φ_{60} Φ_{48} Φ_{45} Φ_{40} Φ_{30} Φ_{20} Φ_{16} Φ_{15} Φ_{10} Φ_{9} Φ_{5} Φ_{1}
159293	1951	2025	$\frac{74}{2025}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	Φ_{2025} Φ_{675} Φ_{405} Φ_{225} Φ_{135} Φ_{75} Φ_{45} Φ_{25} Φ_{15} Φ_{9} Φ_{5} Φ_{1}
159294	1951	2106	$\frac{7}{162}$	$\frac{155}{2106}$	$\frac{2}{9}$	$\frac{1}{3}$	Φ_{2106} Φ_{1053} Φ_{702} Φ_{351} Φ_{234} Φ_{117} Φ_{78} Φ_{39} Φ_{26} Φ_{13} Φ_{9} Φ_{1}
159295	1951	2052	$\frac{101}{2052}$	$\frac{7}{108}$	$\frac{2}{9}$	$\frac{1}{3}$	Φ_{2052} Φ_{1026} Φ_{684} Φ_{513} Φ_{342} Φ_{228} Φ_{171} Φ_{114} Φ_{76} Φ_{57} Φ_{38} Φ_{19} Φ_{9} Φ_{1}
159296	1951	2325	$\frac{2}{93}$	$\frac{374}{2325}$	$\frac{91}{465}$	$\frac{1}{3}$	Φ_{2325} Φ_{775} Φ_{93} Φ_{75} Φ_{31} Φ_{25} Φ_{1}
159297	1951	2205	$\frac{2}{63}$	$\frac{254}{2205}$	$\frac{61}{315}$	$\frac{1}{3}$	Φ_{2205} Φ_{735} Φ_{441} Φ_{245} Φ_{147} Φ_{63} Φ_{49} Φ_{21} Φ_{9} Φ_{7} Φ_{1}
159298	1951	2415	$\frac{19}{483}$	$\frac{2}{21}$	$\frac{464}{2415}$	$\frac{1}{3}$	Φ_{2415} Φ_{805} Φ_{345} Φ_{115} Φ_{105} Φ_{35} Φ_{21} Φ_{15} Φ_{7} Φ_{5} Φ_{1}
159299	1951	2268	$\frac{2}{63}$	$\frac{317}{2268}$	$\frac{61}{378}$	$\frac{1}{3}$	Φ_{2268} Φ_{1134} Φ_{756} Φ_{567} Φ_{324} Φ_{252} Φ_{162} Φ_{108} Φ_{84} Φ_{81} Φ_{63} Φ_{36} Φ_{28} Φ_{21} Φ_{12} Φ_{9} Φ_{7} Φ_{4} Φ_{1}
159300	1951	2700	$\frac{1}{75}$	$\frac{151}{900}$	$\frac{749}{2700}$	$\frac{74}{225}$	Φ_{2700} Φ_{1350} Φ_{675} Φ_{540} Φ_{270} Φ_{225} Φ_{135} Φ_{108} Φ_{54} Φ_{45} Φ_{27} Φ_{9} Φ_{1}
159301	1951	2808	$\frac{1}{39}$	$\frac{79}{936}$	$\frac{857}{2808}$	$\frac{38}{117}$	Φ_{2808} Φ_{1404} Φ_{702} Φ_{351} Φ_{216} Φ_{117} Φ_{108} Φ_{54} Φ_{27} Φ_{9} Φ_{1}
159302	1951	2340	$\frac{1}{39}$	$\frac{389}{2340}$	$\frac{79}{468}$	$\frac{38}{117}$	Φ_{2340} Φ_{1170} Φ_{780} Φ_{585} Φ_{390} Φ_{260} Φ_{195} Φ_{180} Φ_{130} Φ_{117} Φ_{90} Φ_{65} Φ_{60} Φ_{45} Φ_{30} Φ_{20} Φ_{15} Φ_{10} Φ_{9} Φ_{5} Φ_{1}
159303	1951	2520	$\frac{9}{280}$	$\frac{1}{10}$	$\frac{569}{2520}$	$\frac{271}{840}$	Φ_{2520} Φ_{1260} Φ_{630} Φ_{504} Φ_{360} Φ_{315} Φ_{280} Φ_{252} Φ_{180} Φ_{140} Φ_{126} Φ_{90} Φ_{72} Φ_{70} Φ_{63} Φ_{56} Φ_{45} Φ_{40} Φ_{36} Φ_{35} Φ_{28} Φ_{20} Φ_{18} Φ_{14} Φ_{9} Φ_{8} Φ_{7} Φ_{4} Φ_{1}
159304	1951	2880	$\frac{31}{960}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{929}{2880}$	Φ_{2880} Φ_{1440} Φ_{720} Φ_{576} Φ_{360} Φ_{288} Φ_{180} Φ_{144} Φ_{90} Φ_{72} Φ_{45} Φ_{40} Φ_{36} Φ_{20} Φ_{18} Φ_{9} Φ_{8} Φ_{4} Φ_{1}
159305	1951	2160	$\frac{1}{30}$	$\frac{209}{2160}$	$\frac{61}{270}$	$\frac{29}{90}$	Φ_{2160} Φ_{1080} Φ_{720} Φ_{540} Φ_{432} Φ_{360} Φ_{240} Φ_{216} Φ_{180} Φ_{144} Φ_{120} Φ_{108} Φ_{90} Φ_{80} Φ_{72} Φ_{60} Φ_{48} Φ_{45} Φ_{40} Φ_{36} Φ_{24} Φ_{20} Φ_{18} Φ_{16} Φ_{12} Φ_{9} Φ_{8} Φ_{4} Φ_{1}
159306	1951	2520	$\frac{1}{30}$	$\frac{61}{630}$	$\frac{569}{2520}$	$\frac{29}{90}$	Φ_{2520} Φ_{1260} Φ_{840} Φ_{504} Φ_{420} Φ_{360} Φ_{280} Φ_{252} Φ_{180} Φ_{168} Φ_{140} Φ_{120} Φ_{90} Φ_{84} Φ_{72} Φ_{60} Φ_{56} Φ_{45} Φ_{40} Φ_{36} Φ_{28} Φ_{24} Φ_{20} Φ_{18} Φ_{12} Φ_{9} Φ_{8} Φ_{4} Φ_{1}
159307	1951	2808	$\frac{1}{26}$	$\frac{79}{936}$	$\frac{25}{104}$	$\frac{857}{2808}$	Φ_{2808} Φ_{1404} Φ_{702} Φ_{351} Φ_{216} Φ_{108} Φ_{104} Φ_{54} Φ_{52} Φ_{27} Φ_{8} Φ_{4} Φ_{1}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
159308	1951	2805	$\frac{4}{85}$	$\frac{81}{935}$	$\frac{1}{5}$	$\frac{854}{2805}$	$\Phi_{2805}\ \Phi_{561}\ \Phi_{255}\ \Phi_{165}\ \Phi_{85}\ \Phi_{51}\ \Phi_{33}\ \Phi_{17}\ \Phi_{15}\ \Phi_3\ \Phi_1$
159309	1951	2760	$\frac{4}{115}$	$\frac{111}{920}$	$\frac{1}{5}$	$\frac{809}{2760}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{120}\ \Phi_{115}\ \Phi_{69}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{23}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
159310	1951	2100	$\frac{149}{2100}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{210}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{140}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{70}\ \Phi_{60}\ \Phi_{50}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
159311	1951	2700	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{151}{900}$	$\frac{749}{2700}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
159312	1951	2040	$\frac{89}{2040}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{51}\ \Phi_{40}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_8\ \Phi_4\ \Phi_1$
159313	1951	2184	$\frac{1}{26}$	$\frac{233}{2184}$	$\frac{25}{104}$	$\frac{79}{312}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{168}\ \Phi_{104}\ \Phi_{91}\ \Phi_{84}\ \Phi_{56}\ \Phi_{52}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
159314	1951	2400	$\frac{1}{50}$	$\frac{449}{2400}$	$\frac{49}{200}$	$\frac{151}{600}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{96}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
159315	1951	2300	$\frac{4}{115}$	$\frac{349}{2300}$	$\frac{1}{5}$	$\frac{111}{460}$	$\Phi_{2300}\ \Phi_{1150}\ \Phi_{575}\ \Phi_{115}\ \Phi_{100}\ \Phi_{50}\ \Phi_{25}\ \Phi_{23}\ \Phi_1$
159316	1951	2496	$\frac{1}{26}$	$\frac{79}{624}$	$\frac{545}{2496}$	$\frac{25}{104}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{832}\ \Phi_{416}\ \Phi_{192}\ \Phi_{104}\ \Phi_{96}\ \Phi_{64}\ \Phi_{52}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
159317	1951	2560	$\frac{31}{640}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{609}{2560}$	$\Phi_{2560}\ \Phi_{1280}\ \Phi_{512}\ \Phi_{256}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
159318	1951	2520	$\frac{61}{630}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{569}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
159319	1951	2080	$\frac{129}{2080}$	$\frac{1}{10}$	$\frac{31}{160}$	$\frac{9}{40}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_8\ \Phi_4\ \Phi_1$
159320	1951	2400	$\frac{31}{480}$	$\frac{1}{10}$	$\frac{449}{2400}$	$\frac{9}{40}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
159321	1951	2160	$\frac{209}{2160}$	$\frac{1}{10}$	$\frac{31}{240}$	$\frac{9}{40}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
159322	1951	2240	$\frac{31}{320}$	$\frac{1}{10}$	$\frac{289}{2240}$	$\frac{9}{40}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
159323	1952	1461	$\frac{1}{487}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{243}{487}$	$\Phi_{1461}\ \Phi_{487}^2\ \Phi_3^2\ \Phi_1^4$
159324	1952	1951	$\frac{5}{1951}$	$\frac{489}{1951}$	$\frac{731}{1951}$	$\frac{973}{1951}$	$\Phi_{1951}\ \Phi_1^2$
159325	1952	2931	$\frac{3}{977}$	$\frac{245}{977}$	$\frac{1}{3}$	$\frac{487}{977}$	Φ_{2931}
159326	1952	1701	$\frac{1}{243}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{121}{243}$	$\Phi_{1701}\ \Phi_{567}\ \Phi_{243}^2\ \Phi_{189}\ \Phi_{81}^2\ \Phi_{63}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
159327	1952	1215	$\frac{1}{243}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{121}{243}$	$\Phi_{1215}^2\ \Phi_{405}^2\ \Phi_{135}^2\ \Phi_{45}^2\ \Phi_{15}^3\ \Phi_5^2$
159328	1952	1951	$\frac{9}{1951}$	$\frac{245}{1951}$	$\frac{853}{1951}$	$\frac{971}{1951}$	$\Phi_{1951}\ \Phi_1^2$
159329	1952	815	$\frac{1}{163}$	$\frac{1}{5}$	$\frac{41}{163}$	$\frac{81}{163}$	$\Phi_{815}^3\ \Phi_5^2$
159330	1952	1951	$\frac{13}{1951}$	$\frac{365}{1951}$	$\frac{491}{1951}$	$\frac{969}{1951}$	$\Phi_{1951}\ \Phi_1^2$
159331	1952	2931	$\frac{7}{977}$	$\frac{123}{977}$	$\frac{1}{3}$	$\frac{485}{977}$	Φ_{2931}
159332	1952	1815	$\frac{1}{121}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{60}{121}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{363}\ \Phi_{165}\ \Phi_{121}^2\ \Phi_{55}\ \Phi_{33}\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
159333	1952	1089	$\frac{1}{121}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{60}{121}$	$\Phi_{1089}^2\ \Phi_{363}\ \Phi_{121}^2\ \Phi_{99}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_9^4\ \Phi_3^2\ \Phi_1^4$
159334	1952	605	$\frac{1}{121}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{60}{121}$	$\Phi_{605}^3\ \Phi_{121}^4\ \Phi_{55}^3\ \Phi_{11}^4\ \Phi_5^6\ \Phi_1^8$
159335	1952	1951	$\frac{17}{1951}$	$\frac{123}{1951}$	$\frac{914}{1951}$	$\frac{967}{1951}$	$\Phi_{1951}\ \Phi_1^2$
159336	1952	2205	$\frac{3}{245}$	$\frac{1}{9}$	$\frac{62}{245}$	$\frac{121}{245}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{441}\ \Phi_{315}\ \Phi_{147}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{21}\ \Phi_{15}$
159337	1952	1951	$\frac{25}{1951}$	$\frac{247}{1951}$	$\frac{426}{1951}$	$\frac{963}{1951}$	$\Phi_{1951}\ \Phi_1^2$
159338	1952	2445	$\frac{7}{489}$	$\frac{62}{489}$	$\frac{1}{5}$	$\frac{241}{489}$	$\Phi_{2445}\ \Phi_{815}\ \Phi_{15}$
159339	1952	1951	$\frac{29}{1951}$	$\frac{182}{1951}$	$\frac{495}{1951}$	$\frac{961}{1951}$	$\Phi_{1951}\ \Phi_1^2$
159340	1952	2931	$\frac{15}{977}$	$\frac{62}{977}$	$\frac{1}{3}$	$\frac{481}{977}$	Φ_{2931}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
159341	1952	3720	$\frac{1}{60}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{59}{120}$	$\Phi_{3720}\ \Phi_{1240}\ \Phi_{744}\ \Phi_{248}\ \Phi_{120}^2\ \Phi_{40}^2\ \Phi_{31}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
159342	1952	2040	$\frac{1}{60}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{59}{120}$	$\Phi_{2040}^2\ \Phi_{680}^2\ \Phi_{408}^2\ \Phi_{136}^2\ \Phi_{51}$
159343	1952	3720	$\frac{1}{60}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{59}{120}$	$\Phi_{3720}\ \Phi_{1240}\ \Phi_{744}\ \Phi_{248}\ \Phi_{120}^2\ \Phi_{40}^2\ \Phi_{31}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
159344	1952	360	$\frac{1}{60}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{59}{120}$	$\Phi_{360}^{12}\ \Phi_{120}^8\ \Phi_{72}^{12}\ \Phi_{45}\ \Phi_{40}^8\ \Phi_{24}^8\ \Phi_{15}\ \Phi_8^8$
159345	1952	441	$\frac{1}{49}$	$\frac{1}{9}$	$\frac{25}{147}$	$\frac{24}{49}$	$\Phi_{441}^5\ \Phi_{147}^3\ \Phi_{63}^5\ \Phi_{49}^4\ \Phi_{21}^3\ \Phi_9^4\ \Phi_7^4\ \Phi_3^2\ \Phi_1^4$
159346	1952	1394	$\frac{1}{41}$	$\frac{1}{17}$	$\frac{21}{82}$	$\frac{20}{41}$	$\Phi_{1394}^2\ \Phi_{697}\ \Phi_{34}^2$
159347	1952	1071	$\frac{3}{119}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{58}{119}$	$\Phi_{1071}^2\ \Phi_{357}^2\ \Phi_{153}^2\ \Phi_{63}^3\ \Phi_{51}^2\ \Phi_{21}^3\ \Phi_9^2\ \Phi_3^2$
159348	1952	630	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{9}{70}$	$\frac{17}{35}$	$\Phi_{630}^4\ \Phi_{315}^3\ \Phi_{210}^4\ \Phi_{126}^4\ \Phi_{105}^3\ \Phi_{90}^4\ \Phi_{63}^3\ \Phi_{45}^3\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_9^2\ \Phi_6^4\ \Phi_3^2$
159349	1952	1953	$\frac{2}{63}$	$\frac{1}{31}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{279}\ \Phi_{217}\ \Phi_{63}^2\ \Phi_{31}\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_1^2$
159350	1952	2790	$\frac{1}{31}$	$\frac{1}{30}$	$\frac{29}{90}$	$\frac{15}{31}$	$\Phi_{2790}\ \Phi_{1395}\ \Phi_{558}\ \Phi_{279}\ \Phi_{90}^2\ \Phi_{45}^2\ \Phi_{31}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
159351	1952	1984	$\frac{1}{31}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{15}{31}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{496}\ \Phi_{248}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{31}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
159352	1952	2480	$\frac{1}{31}$	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{15}{31}$	$\Phi_{2480}\ \Phi_{1240}\ \Phi_{496}\ \Phi_{248}\ \Phi_{80}^2\ \Phi_{40}^2\ \Phi_{31}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
159353	1952	2015	$\frac{1}{31}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{15}{31}$	$\Phi_{2015}\ \Phi_{403}\ \Phi_{65}^2\ \Phi_{31}\ \Phi_{13}^2\ \Phi_1^2$
159354	1952	2325	$\frac{1}{31}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{15}{31}$	$\Phi_{2325}\ \Phi_{775}\ \Phi_{75}^2\ \Phi_{31}\ \Phi_{25}^2\ \Phi_1^2$
159355	1952	2046	$\frac{1}{31}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{15}{31}$	$\Phi_{2046}\ \Phi_{1023}\ \Phi_{682}\ \Phi_{341}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{31}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_1^2$
159356	1952	2232	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{15}{31}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{744}\ \Phi_{558}\ \Phi_{279}\ \Phi_{248}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{31}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_1^2$
159357	1952	2170	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{15}{31}$	$\Phi_{2170}\ \Phi_{1085}\ \Phi_{434}\ \Phi_{217}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{31}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
159358	1952	930	$\frac{1}{62}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{310}^2\ \Phi_{186}^3\ \Phi_{155}^2\ \Phi_{93}^3\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{30}^2\ \Phi_{10}^2\ \Phi_6^3\ \Phi_2^2$
159359	1952	330	$\frac{1}{15}$	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{7}{15}$	$\Phi_{330}^6\ \Phi_{165}^5\ \Phi_{110}^6\ \Phi_{66}^8\ \Phi_{55}^5\ \Phi_{33}^7\ \Phi_{30}^6\ \Phi_{22}^8\ \Phi_{15}^6\ \Phi_{11}^6\ \Phi_{10}^6\ \Phi_6^8\ \Phi_5^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
159360	1952	682	$\frac{1}{62}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{682}^3\ \Phi_{341}^3\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{22}^3\ \Phi_2^2$
159361	1952	1951	$\frac{23}{1951}$	$\frac{241}{1951}$	$\frac{548}{1951}$	$\frac{855}{1951}$	$\Phi_{1951}\ \Phi_1^2$
159362	1952	2931	$\frac{9}{977}$	$\frac{121}{977}$	$\frac{1}{3}$	$\frac{428}{977}$	Φ_{2931}
159363	1952	861	$\frac{1}{123}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{861}^2\ \Phi_{287}^2\ \Phi_{123}^4\ \Phi_{41}^4\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
159364	1952	567	$\frac{1}{81}$	$\frac{1}{7}$	$\frac{20}{81}$	$\frac{3}{7}$	$\Phi_{567}^3\ \Phi_{189}^3\ \Phi_{81}^6\ \Phi_{63}^3\ \Phi_{27}^6\ \Phi_{21}^3\ \Phi_9^6\ \Phi_7^4\ \Phi_3^6\ \Phi_1^8$
159365	1952	2170	$\frac{1}{62}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{2170}\ \Phi_{1085}\ \Phi_{310}^2\ \Phi_{155}^2\ \Phi_{70}\ \Phi_{10}^2$
159366	1952	63	$\frac{2}{63}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{63}^{31}\ \Phi_{21}^{31}\ \Phi_9^{30}\ \Phi_7^{32}\ \Phi_3^{30}\ \Phi_1^{32}$
159367	1952	945	$\frac{1}{27}$	$\frac{13}{135}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}\ \Phi_{135}^4\ \Phi_{105}^2\ \Phi_{63}\ \Phi_{45}^4\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{15}^4\ \Phi_9^2\ \Phi_7^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
159368	1952	315	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{17}{105}$	$\frac{44}{105}$	$\Phi_{315}^7\ \Phi_{105}^5\ \Phi_{63}^7\ \Phi_{45}^7\ \Phi_{35}^4\ \Phi_{21}^5\ \Phi_{15}^5\ \Phi_9^6\ \Phi_7^4\ \Phi_5^4\ \Phi_3^4\ \Phi_1^4$
159369	1952	2091	$\frac{1}{123}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{2091}\ \Phi_{697}\ \Phi_{51}$
159370	1952	1951	$\frac{19}{1951}$	$\frac{367}{1951}$	$\frac{483}{1951}$	$\frac{792}{1951}$	$\Phi_{1951}\ \Phi_1^2$
159371	1952	1125	$\frac{3}{125}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1125}^2\ \Phi_{375}^2\ \Phi_{225}^2\ \Phi_{75}^2\ \Phi_{45}\ \Phi_{15}$
159372	1952	2046	$\frac{1}{62}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{2046}\ \Phi_{1023}\ \Phi_{682}\ \Phi_{341}\ \Phi_{186}\ \Phi_{93}\ \Phi_{66}\ \Phi_{22}\ \Phi_6$
159373	1952	882	$\frac{1}{49}$	$\frac{1}{9}$	$\frac{12}{49}$	$\frac{37}{98}$	$\Phi_{882}^4\ \Phi_{441}\ \Phi_{294}^4\ \Phi_{147}\ \Phi_{126}^4\ \Phi_{63}\ \Phi_{42}^4\ \Phi_{21}\ \Phi_{18}^4\ \Phi_6^4$
159374	1952	1951	$\frac{27}{1951}$	$\frac{304}{1951}$	$\frac{481}{1951}$	$\frac{735}{1951}$	$\Phi_{1951}\ \Phi_1^2$
159375	1952	2445	$\frac{5}{489}$	$\frac{1}{5}$	$\frac{121}{489}$	$\frac{184}{489}$	$\Phi_{2445}\ \Phi_{815}\ \Phi_{15}$
159376	1952	1951	$\frac{11}{1951}$	$\frac{485}{1951}$	$\frac{609}{1951}$	$\frac{733}{1951}$	$\Phi_{1951}\ \Phi_1^2$
159377	1952	2931	$\frac{5}{977}$	$\frac{243}{977}$	$\frac{1}{3}$	$\frac{367}{977}$	Φ_{2931}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
159378	1952	735	$\frac{1}{245}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{735}^{3}\ \Phi_{245}^{2}\ \Phi_{147}^{3}\ \Phi_{105}^{3}\ \Phi_{49}^{2}\ \Phi_{35}^{2}\ \Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{2}$
159379	1952	1461	$\frac{3}{487}$	$\frac{121}{487}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1461}\ \Phi_{487}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
159380	1952	615	$\frac{1}{123}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{615}^{4}\ \Phi_{205}^{4}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
159381	1952	1461	$\frac{7}{487}$	$\frac{60}{487}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1461}\ \Phi_{487}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
159382	1952	558	$\frac{1}{62}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{558}^{4}\ \Phi_{279}^{4}\ \Phi_{186}^{3}\ \Phi_{93}^{3}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{18}^{4}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
159383	1952	1071	$\frac{2}{63}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1071}^{2}\ \Phi_{357}^{2}\ \Phi_{153}^{2}\ \Phi_{119}^{2}\ \Phi_{51}$
159384	1952	3645	$\frac{2}{243}$	$\frac{1}{5}$	$\frac{241}{729}$	$\frac{1}{3}$	$\Phi_{3645}\ \Phi_{15}$
159385	1952	1530	$\frac{1}{30}$	$\frac{1}{17}$	$\frac{29}{90}$	$\frac{1}{3}$	$\Phi_{1530}^{2}\ \Phi_{765}^{2}\ \Phi_{306}^{2}\ \Phi_{153}^{2}\ \Phi_{51}$
159386	1952	2790	$\frac{1}{62}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{2790}\ \Phi_{1395}\ \Phi_{558}\ \Phi_{279}\ \Phi_{186}\ \Phi_{93}\ \Phi_{90}\ \Phi_{18}\ \Phi_{6}$
159387	1952	3264	$\frac{3}{64}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3264}\ \Phi_{1632}\ \Phi_{816}\ \Phi_{408}\ \Phi_{51}$
159388	1952	405	$\frac{1}{81}$	$\frac{1}{5}$	$\frac{20}{81}$	$\frac{1}{3}$	$\Phi_{405}^{6}\ \Phi_{135}^{6}\ \Phi_{45}^{6}\ \Phi_{15}^{7}\ \Phi_{5}^{6}$
159389	1952	2931	$\frac{13}{977}$	$\frac{184}{977}$	$\frac{241}{977}$	$\frac{1}{3}$	Φ_{2931}
159390	1952	4080	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{19}{80}$	$\frac{1}{3}$	$\Phi_{4080}\ \Phi_{2040}\ \Phi_{816}\ \Phi_{408}\ \Phi_{51}$
159391	1952	1953	$\frac{2}{63}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{279}\ \Phi_{217}\ \Phi_{63}^{2}\ \Phi_{31}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
159392	1952	495	$\frac{7}{495}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{495}^{4}\ \Phi_{165}^{4}\ \Phi_{99}^{4}\ \Phi_{55}^{4}\ \Phi_{45}^{3}\ \Phi_{33}^{4}\ \Phi_{15}^{4}\ \Phi_{11}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
159393	1952	930	$\frac{1}{62}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{930}^{3}\ \Phi_{465}^{3}\ \Phi_{186}^{4}\ \Phi_{93}^{4}\ \Phi_{30}^{3}\ \Phi_{6}^{4}$
159394	1952	2835	$\frac{2}{81}$	$\frac{79}{567}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2835}\ \Phi_{945}\ \Phi_{315}\ \Phi_{105}\ \Phi_{35}\ \Phi_{15}$
159395	1952	315	$\frac{2}{63}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{315}^{8}\ \Phi_{105}^{8}\ \Phi_{45}^{6}\ \Phi_{35}^{8}\ \Phi_{15}^{7}\ \Phi_{5}^{6}$
159396	1952	135	$\frac{1}{27}$	$\frac{13}{135}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{135}^{14}\ \Phi_{45}^{14}\ \Phi_{27}^{16}\ \Phi_{15}^{15}\ \Phi_{9}^{16}\ \Phi_{5}^{14}\ \Phi_{3}^{16}\ \Phi_{1}^{16}$
159397	1952	2565	$\frac{25}{513}$	$\frac{2}{27}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2565}\ \Phi_{855}\ \Phi_{285}\ \Phi_{95}\ \Phi_{15}$
159398	1952	3315	$\frac{1}{17}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3315}\ \Phi_{663}\ \Phi_{51}$
159399	1952	1275	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{1}{3}$	$\Phi_{1275}^{2}\ \Phi_{425}^{2}\ \Phi_{51}$
159400	1952	1122	$\frac{1}{17}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1122}^{2}\ \Phi_{561}^{2}\ \Phi_{374}^{2}\ \Phi_{187}^{2}\ \Phi_{51}$
159401	1952	1224	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{1}{3}$	$\Phi_{1224}^{2}\ \Phi_{612}^{2}\ \Phi_{408}^{2}\ \Phi_{306}^{2}\ \Phi_{153}^{2}\ \Phi_{136}^{2}\ \Phi_{51}$
159402	1952	2295	$\frac{1}{17}$	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2295}\ \Phi_{765}\ \Phi_{459}\ \Phi_{153}\ \Phi_{51}$
159403	1952	3570	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{3}$	$\Phi_{3570}\ \Phi_{1785}\ \Phi_{714}\ \Phi_{357}\ \Phi_{51}$
159404	1952	198	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{198}^{12}\ \Phi_{99}^{10}\ \Phi_{66}^{8}\ \Phi_{33}^{7}\ \Phi_{22}^{8}\ \Phi_{18}^{12}\ \Phi_{11}^{6}\ \Phi_{9}^{12}\ \Phi_{6}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
159405	1952	315	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{71}{315}$	$\frac{34}{105}$	$\Phi_{315}^{6}\ \Phi_{105}^{7}\ \Phi_{63}^{6}\ \Phi_{45}^{6}\ \Phi_{35}^{6}\ \Phi_{21}^{7}\ \Phi_{15}^{7}\ \Phi_{9}^{5}\ \Phi_{7}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
159406	1952	2790	$\frac{1}{30}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{29}{90}$	$\Phi_{2790}\ \Phi_{1395}\ \Phi_{558}\ \Phi_{279}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{31}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
159407	1952	90	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{29}{90}$	$\Phi_{90}^{20}\ \Phi_{45}^{21}\ \Phi_{30}^{24}\ \Phi_{18}^{20}\ \Phi_{15}^{25}\ \Phi_{10}^{24}\ \Phi_{9}^{20}\ \Phi_{6}^{24}\ \Phi_{5}^{24}\ \Phi_{3}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{24}$
159408	1952	1071	$\frac{6}{119}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{113}{357}$	$\Phi_{1071}^{2}\ \Phi_{357}\ \Phi_{153}^{2}\ \Phi_{119}^{2}\ \Phi_{63}^{3}\ \Phi_{51}\ \Phi_{21}^{2}\ \Phi_{17}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
159409	1952	765	$\frac{11}{255}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{765}^{3}\ \Phi_{255}^{2}\ \Phi_{153}^{3}\ \Phi_{85}^{2}\ \Phi_{51}^{2}\ \Phi_{45}\ \Phi_{17}^{2}\ \Phi_{15}$
159410	1952	815	$\frac{3}{163}$	$\frac{1}{5}$	$\frac{40}{163}$	$\frac{41}{163}$	$\Phi_{815}^{3}\ \Phi_{5}^{2}$
159411	1952	1984	$\frac{3}{64}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{4}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{496}\ \Phi_{248}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{31}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
159412	1952	2880	$\frac{3}{64}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{960}\ \Phi_{720}\ \Phi_{480}\ \Phi_{360}\ \Phi_{240}\ \Phi_{120}\ \Phi_{45}\ \Phi_{15}$
159413	1952	2480	$\frac{1}{20}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{19}{80}$	$\Phi_{2480}\ \Phi_{1240}\ \Phi_{496}\ \Phi_{248}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{31}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
159414	1952	720	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{19}{80}$	$\Phi_{720}^{4}\ \Phi_{360}^{4}\ \Phi_{240}^{4}\ \Phi_{144}^{4}\ \Phi_{120}^{4}\ \Phi_{72}^{4}\ \Phi_{48}^{4}\ \Phi_{45}\ \Phi_{24}^{4}\ \Phi_{15}$
159415	1952	2015	$\frac{4}{65}$	$\frac{3}{31}$	$\frac{1}{5}$	$\frac{7}{31}$	$\Phi_{2015}\ \Phi_{403}\ \Phi_{65}^{2}\ \Phi_{31}\ \Phi_{13}^{2}\ \Phi_{1}^{2}$
159416	1952	2325	$\frac{1}{15}$	$\frac{3}{31}$	$\frac{14}{75}$	$\frac{7}{31}$	$\Phi_{2325}\ \Phi_{775}\ \Phi_{75}^{2}\ \Phi_{31}\ \Phi_{25}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
159417	1952	2046	$\frac{5}{66}$	$\frac{3}{31}$	$\frac{1}{6}$	$\frac{7}{31}$	$\Phi_{2046}\ \Phi_{1023}\ \Phi_{682}\ \Phi_{341}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{31}\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_1^2$
159418	1952	2232	$\frac{1}{12}$	$\frac{3}{31}$	$\frac{11}{72}$	$\frac{7}{31}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{744}\ \Phi_{558}\ \Phi_{279}\ \Phi_{248}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{31}\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_1^2$
159419	1952	2170	$\frac{3}{31}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{7}{31}$	$\Phi_{2170}\ \Phi_{1085}\ \Phi_{434}\ \Phi_{217}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{31}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
159420	1952	585	$\frac{4}{65}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{585}^4\ \Phi_{195}^4\ \Phi_{117}^4\ \Phi_{45}\ \Phi_{39}^4\ \Phi_{15}$
159421	1952	330	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{330}^6\ \Phi_{165}^6\ \Phi_{110}^6\ \Phi_{66}^8\ \Phi_{55}^3\ \Phi_{33}^8\ \Phi_{30}^6\ \Phi_{22}^8\ \Phi_{15}^6\ \Phi_{11}^4\ \Phi_{10}^6\ \Phi_6^8\ \Phi_5^6\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
159422	1952	225	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{14}{75}$	$\frac{1}{5}$	$\Phi_{225}^{12}\ \Phi_{75}^8\ \Phi_{45}\ \Phi_{25}^8\ \Phi_{15}$
159423	1952	990	$\frac{5}{66}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{990}^3\ \Phi_{495}^3\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{55}^2\ \Phi_{45}\ \Phi_{15}$
159424	1952	360	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{72}$	$\frac{1}{5}$	$\Phi_{360}^8\ \Phi_{180}^5\ \Phi_{120}^8\ \Phi_{90}^5\ \Phi_{60}^6\ \Phi_{45}^6\ \Phi_{40}^8\ \Phi_{30}^6\ \Phi_{20}^6\ \Phi_{15}^7\ \Phi_{10}^6\ \Phi_5^6$
159425	1952	135	$\frac{13}{135}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{5}$	$\Phi_{135}^{16}\ \Phi_{45}^{11}\ \Phi_{27}^{16}\ \Phi_{15}^{13}\ \Phi_9^{10}\ \Phi_5^{12}\ \Phi_3^{12}\ \Phi_1^{12}$
159426	1952	630	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{70}$	$\frac{1}{5}$	$\Phi_{630}^4\ \Phi_{315}^4\ \Phi_{210}^4\ \Phi_{126}^4\ \Phi_{105}^4\ \Phi_{63}^4\ \Phi_{45}\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{15}$
159427	1953	1668	$\frac{1}{278}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{277}{556}$	$\Phi_{834}^2\ \Phi_{556}\ \Phi_{417}^2\ \Phi_{278}^2\ \Phi_{139}^2\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
159428	1953	5004	$\frac{1}{278}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{277}{556}$	$\Phi_{5004}\ \Phi_{556}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
159429	1953	2608	$\frac{3}{652}$	$\frac{1}{4}$	$\frac{655}{2608}$	$\frac{649}{1304}$	$\Phi_{2608}\ \Phi_{652}\ \Phi_{326}\ \Phi_{163}\ \Phi_{16}\ \Phi_1$
159430	1953	432	$\frac{1}{216}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{215}{432}$	$\Phi_{432}\ \Phi_{216}^8\ \Phi_{144}\ \Phi_{108}^8\ \Phi_{72}^8\ \Phi_{54}^8\ \Phi_{48}\ \Phi_{36}^8\ \Phi_{27}^8\ \Phi_{24}^8\ \Phi_{18}^8\ \Phi_{16}^2\ \Phi_{12}^8\ \Phi_9^8\ \Phi_8^8\ \Phi_6^8\ \Phi_4^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^9$
159431	1953	432	$\frac{1}{216}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{215}{432}$	$\Phi_{432}^9\ \Phi_{144}^9\ \Phi_{48}^9\ \Phi_{16}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
159432	1953	920	$\frac{1}{92}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{91}{184}$	$\Phi_{460}^4\ \Phi_{230}^4\ \Phi_{184}\ \Phi_{115}^4\ \Phi_{92}^4\ \Phi_{46}^4\ \Phi_{40}\ \Phi_{23}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^2\ \Phi_5^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
159433	1953	920	$\frac{1}{92}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{91}{184}$	$\Phi_{920}^4\ \Phi_{184}^5\ \Phi_{40}^4\ \Phi_{10}^2\ \Phi_8^5\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
159434	1953	184	$\frac{1}{92}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{91}{184}$	$\Phi_{184}^9\ \Phi_{92}^{12}\ \Phi_{46}^{12}\ \Phi_{23}^{12}\ \Phi_8^{12}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
159435	1953	4600	$\frac{1}{92}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{91}{184}$	$\Phi_{4600}\ \Phi_{200}\ \Phi_{184}\ \Phi_{25}\ \Phi_8\ \Phi_1$
159436	1953	2200	$\frac{4}{275}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{271}{550}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{440}\ \Phi_{275}\ \Phi_{220}\ \Phi_{200}\ \Phi_{100}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}^2\ \Phi_{25}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
159437	1953	1860	$\frac{1}{62}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{61}{124}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{310}^2\ \Phi_{186}^2\ \Phi_{155}^2\ \Phi_{124}\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{60}\ \Phi_{31}^2\ \Phi_{30}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
159438	1953	4092	$\frac{1}{62}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{61}{124}$	$\Phi_{4092}\ \Phi_{1364}\ \Phi_{132}\ \Phi_{124}\ \Phi_{44}\ \Phi_{33}\ \Phi_{11}\ \Phi_4\ \Phi_1$
159439	1953	5580	$\frac{1}{62}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{61}{124}$	$\Phi_{5580}\ \Phi_{1116}\ \Phi_{180}\ \Phi_{124}\ \Phi_{45}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
159440	1953	1240	$\frac{1}{62}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{61}{124}$	$\Phi_{1240}^2\ \Phi_{310}^2\ \Phi_{248}^2\ \Phi_{155}^2\ \Phi_{124}\ \Phi_{62}^2\ \Phi_{40}^3\ \Phi_{31}^2\ \Phi_{20}\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
159441	1953	4340	$\frac{1}{62}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{61}{124}$	$\Phi_{4340}\ \Phi_{868}\ \Phi_{140}\ \Phi_{124}\ \Phi_{35}\ \Phi_{28}\ \Phi_7\ \Phi_4\ \Phi_1$
159442	1953	1116	$\frac{1}{62}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{61}{124}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{279}^2\ \Phi_{186}^2\ \Phi_{124}\ \Phi_{93}^2\ \Phi_{62}^2\ \Phi_{36}^3\ \Phi_{31}^2\ \Phi_{18}^3\ \Phi_{12}\ \Phi_9^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
159443	1953	61	$\frac{1}{61}$	$\frac{4}{61}$	$\frac{19}{61}$	$\frac{30}{61}$	$\Phi_{61}^{32}\ \Phi_1^{33}$
159444	1953	61	$\frac{1}{61}$	$\frac{7}{61}$	$\frac{12}{61}$	$\frac{30}{61}$	$\Phi_{61}^{32}\ \Phi_1^{33}$
159445	1953	1280	$\frac{11}{640}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{629}{1280}$	$\Phi_{1280}^3\ \Phi_{256}^3\ \Phi_{64}\ \Phi_1$
159446	1953	1280	$\frac{11}{640}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{629}{1280}$	$\Phi_{1280}^3\ \Phi_{256}^3\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
159447	1953	1280	$\frac{11}{640}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{629}{1280}$	$\Phi_{1280}^3\ \Phi_{256}^3\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
159448	1953	112	$\frac{1}{56}$	$\frac{1}{8}$	$\frac{19}{112}$	$\frac{55}{112}$	$\Phi_{112}^{14}\ \Phi_{56}^{21}\ \Phi_{28}^{21}\ \Phi_{16}^{14}\ \Phi_{14}^{21}\ \Phi_8^{20}\ \Phi_7^{21}\ \Phi_4^{20}\ \Phi_2^{20}\ \Phi_1^{21}$
159449	1953	728	$\frac{2}{91}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{89}{182}$	$\Phi_{728}^3\ \Phi_{364}^3\ \Phi_{104}^3\ \Phi_{91}^3\ \Phi_{56}^4\ \Phi_{52}^3\ \Phi_{28}^4\ \Phi_{14}\ \Phi_{13}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_4^3\ \Phi_1^3$
159450	1953	2624	$\frac{15}{656}$	$\frac{1}{16}$	$\frac{671}{2624}$	$\frac{641}{1312}$	$\Phi_{2624}\ \Phi_{656}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}\ \Phi_{64}\ \Phi_{41}\ \Phi_1$
159451	1953	320	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{41}{320}$	$\frac{39}{80}$	$\Phi_{320}^7\ \Phi_{160}^7\ \Phi_{64}^7\ \Phi_{40}^7\ \Phi_{32}^7\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_8^6\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
159452	1953	544	$\frac{7}{272}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{265}{544}$	$\Phi_{544}^{7}\ \Phi_{32}^{7}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
159453	1953	320	$\frac{1}{32}$	$\frac{11}{320}$	$\frac{103}{320}$	$\frac{31}{64}$	$\Phi_{320}^{6}\ \Phi_{160}^{6}\ \Phi_{80}^{6}\ \Phi_{64}^{7}\ \Phi_{40}^{6}\ \Phi_{32}^{6}\ \Phi_{20}^{6}\ \Phi_{16}^{6}\ \Phi_{10}^{6}\ \Phi_{8}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
159454	1953	2048	$\frac{1}{32}$	$\frac{95}{2048}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_{64}\ \Phi_{1}$
159455	1953	2560	$\frac{1}{32}$	$\frac{33}{640}$	$\frac{607}{2560}$	$\frac{31}{64}$	$\Phi_{2560}\ \Phi_{1280}\ \Phi_{512}\ \Phi_{256}\ \Phi_{64}\ \Phi_{1}$
159456	1953	704	$\frac{1}{32}$	$\frac{53}{704}$	$\frac{11}{64}$	$\frac{31}{64}$	$\Phi_{704}^{3}\ \Phi_{352}^{3}\ \Phi_{176}^{3}\ \Phi_{88}^{3}\ \Phi_{64}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{11}^{3}\ \Phi_{1}$
159457	1953	256	$\frac{1}{32}$	$\frac{11}{128}$	$\frac{39}{256}$	$\frac{31}{64}$	$\Phi_{256}^{9}\ \Phi_{128}^{6}\ \Phi_{64}^{7}\ \Phi_{32}^{6}\ \Phi_{16}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
159458	1953	320	$\frac{1}{32}$	$\frac{33}{320}$	$\frac{41}{320}$	$\frac{31}{64}$	$\Phi_{320}^{6}\ \Phi_{160}^{6}\ \Phi_{80}^{6}\ \Phi_{64}^{7}\ \Phi_{40}^{6}\ \Phi_{32}^{6}\ \Phi_{20}^{6}\ \Phi_{16}^{6}\ \Phi_{10}^{6}\ \Phi_{8}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
159459	1953	1860	$\frac{1}{31}$	$\frac{1}{30}$	$\frac{10}{31}$	$\frac{29}{60}$	$\Phi_{1860}^{2}\ \Phi_{620}^{2}\ \Phi_{372}^{2}\ \Phi_{124}^{2}\ \Phi_{60}^{3}\ \Phi_{31}^{2}\ \Phi_{20}^{3}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
159460	1953	660	$\frac{1}{30}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{29}{60}$	$\Phi_{660}^{2}\ \Phi_{330}^{4}\ \Phi_{220}^{2}\ \Phi_{165}^{4}\ \Phi_{132}^{2}\ \Phi_{110}^{4}\ \Phi_{66}^{4}\ \Phi_{60}\ \Phi_{55}^{4}\ \Phi_{44}^{4}\ \Phi_{33}^{4}\ \Phi_{30}^{2}\ \Phi_{22}^{5}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{11}^{5}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
159461	1953	1860	$\frac{1}{30}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{29}{60}$	$\Phi_{1860}^{2}\ \Phi_{620}^{2}\ \Phi_{372}^{2}\ \Phi_{124}^{2}\ \Phi_{60}^{3}\ \Phi_{31}^{2}\ \Phi_{20}^{3}\ \Phi_{12}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
159462	1953	120	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{29}{60}$	$\Phi_{120}^{18}\ \Phi_{60}^{9}\ \Phi_{40}^{20}\ \Phi_{30}^{18}\ \Phi_{24}^{18}\ \Phi_{20}^{11}\ \Phi_{15}^{18}\ \Phi_{12}^{9}\ \Phi_{10}^{19}\ \Phi_{8}^{19}\ \Phi_{6}^{18}\ \Phi_{5}^{19}\ \Phi_{4}^{10}\ \Phi_{3}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
159463	1953	1064	$\frac{13}{266}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{253}{532}$	$\Phi_{1064}^{2}\ \Phi_{532}\ \Phi_{266}^{2}\ \Phi_{152}^{2}\ \Phi_{133}^{2}\ \Phi_{76}\ \Phi_{56}^{4}\ \Phi_{38}^{2}\ \Phi_{28}^{3}\ \Phi_{19}^{2}\ \Phi_{14}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
159464	1953	920	$\frac{1}{46}$	$\frac{1}{20}$	$\frac{15}{46}$	$\frac{19}{40}$	$\Phi_{920}^{4}\ \Phi_{184}^{4}\ \Phi_{46}^{2}\ \Phi_{40}^{5}\ \Phi_{23}^{2}\ \Phi_{8}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
159465	1953	160	$\frac{1}{32}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{160}^{12}\ \Phi_{80}^{12}\ \Phi_{40}^{9}\ \Phi_{32}^{15}\ \Phi_{20}^{12}\ \Phi_{16}^{15}\ \Phi_{10}^{12}\ \Phi_{8}^{12}\ \Phi_{5}^{12}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
159466	1953	920	$\frac{1}{23}$	$\frac{1}{20}$	$\frac{22}{115}$	$\frac{19}{40}$	$\Phi_{920}^{4}\ \Phi_{184}^{4}\ \Phi_{115}\ \Phi_{40}^{5}\ \Phi_{8}^{5}\ \Phi_{5}\ \Phi_{1}$
159467	1953	1220	$\frac{1}{61}$	$\frac{41}{610}$	$\frac{20}{61}$	$\frac{569}{1220}$	$\Phi_{1220}^{3}\ \Phi_{244}^{3}\ \Phi_{61}^{2}\ \Phi_{20}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
159468	1953	520	$\frac{1}{20}$	$\frac{19}{260}$	$\frac{1}{8}$	$\frac{241}{520}$	$\Phi_{520}^{3}\ \Phi_{260}^{4}\ \Phi_{130}^{4}\ \Phi_{104}^{3}\ \Phi_{65}^{4}\ \Phi_{52}^{4}\ \Phi_{40}^{7}\ \Phi_{26}^{4}\ \Phi_{20}^{7}\ \Phi_{13}^{4}\ \Phi_{10}^{7}\ \Phi_{8}^{6}\ \Phi_{5}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
159469	1953	2684	$\frac{1}{61}$	$\frac{60}{671}$	$\frac{731}{2684}$	$\frac{611}{1342}$	$\Phi_{2684}\ \Phi_{671}\ \Phi_{244}\ \Phi_{44}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
159470	1953	448	$\frac{1}{64}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{448}^{4}\ \Phi_{224}^{4}\ \Phi_{112}^{4}\ \Phi_{64}^{7}\ \Phi_{56}^{3}\ \Phi_{32}^{7}\ \Phi_{28}^{4}\ \Phi_{16}^{7}\ \Phi_{14}^{4}\ \Phi_{8}^{6}\ \Phi_{7}^{4}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
159471	1953	56	$\frac{1}{28}$	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{25}{56}$	$\Phi_{56}^{31}\ \Phi_{28}^{39}\ \Phi_{14}^{39}\ \Phi_{8}^{30}\ \Phi_{7}^{39}\ \Phi_{4}^{38}\ \Phi_{2}^{38}\ \Phi_{1}^{39}$
159472	1953	3504	$\frac{2}{219}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{3504}\ \Phi_{1168}\ \Phi_{219}\ \Phi_{73}\ \Phi_{16}\ \Phi_{1}$
159473	1953	1296	$\frac{1}{108}$	$\frac{1}{8}$	$\frac{107}{324}$	$\frac{7}{16}$	$\Phi_{1296}^{4}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{16}\ \Phi_{1}$
159474	1953	880	$\frac{3}{220}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{880}^{4}\ \Phi_{220}\ \Phi_{176}^{4}\ \Phi_{110}\ \Phi_{80}^{4}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{16}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
159475	1953	288	$\frac{1}{72}$	$\frac{1}{8}$	$\frac{71}{288}$	$\frac{7}{16}$	$\Phi_{288}^{9}\ \Phi_{144}\ \Phi_{96}^{9}\ \Phi_{72}^{8}\ \Phi_{48}\ \Phi_{36}^{8}\ \Phi_{32}^{9}\ \Phi_{24}^{8}\ \Phi_{18}^{8}\ \Phi_{16}^{2}\ \Phi_{12}^{8}\ \Phi_{9}^{8}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
159476	1953	2160	$\frac{1}{54}$	$\frac{1}{8}$	$\frac{53}{270}$	$\frac{7}{16}$	$\Phi_{2160}^{2}\ \Phi_{720}^{2}\ \Phi_{270}\ \Phi_{240}^{2}\ \Phi_{135}\ \Phi_{90}\ \Phi_{80}^{2}\ \Phi_{45}\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
159477	1953	1776	$\frac{5}{222}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{1776}^{2}\ \Phi_{592}^{2}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{16}\ \Phi_{1}$
159478	1953	144	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{5}{36}$	$\frac{7}{16}$	$\Phi_{144}^{24}\ \Phi_{48}^{24}\ \Phi_{36}^{6}\ \Phi_{18}^{6}\ \Phi_{16}^{25}\ \Phi_{12}^{6}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
159479	1953	32	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{32}^{63}\ \Phi_{16}^{56}\ \Phi_{8}^{62}\ \Phi_{4}^{62}\ \Phi_{2}^{62}\ \Phi_{1}^{63}$
159480	1953	3600	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{225}\ \Phi_{80}\ \Phi_{75}\ \Phi_{45}\ \Phi_{25}\ \Phi_{16}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
159481	1953	3888	$\frac{1}{27}$	$\frac{26}{243}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3888}\ \Phi_{1296}\ \Phi_{243}\ \Phi_{81}\ \Phi_{16}\ \Phi_{1}$
159482	1953	240	$\frac{1}{24}$	$\frac{23}{240}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{240}^{9}\ \Phi_{120}^{9}\ \Phi_{80}^{9}\ \Phi_{60}^{9}\ \Phi_{48}\ \Phi_{40}^{9}\ \Phi_{30}^{9}\ \Phi_{24}^{8}\ \Phi_{20}^{9}\ \Phi_{16}^{2}\ \Phi_{15}^{9}\ \Phi_{12}^{8}\ \Phi_{10}^{9}\ \Phi_{8}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{9}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
159483	1953	912	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{912}^{4}\ \Phi_{304}^{4}\ \Phi_{228}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{19}\ \Phi_{16}\ \Phi_{1}$
159484	1953	1872	$\frac{1}{18}$	$\frac{17}{234}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1872}^{2}\ \Phi_{624}^{2}\ \Phi_{234}\ \Phi_{208}^{2}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
159485	1953	1960	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{34}{245}$	$\frac{211}{490}$	$\Phi_{1960}\ \Phi_{980}\ \Phi_{392}\ \Phi_{280}^2\ \Phi_{245}\ \Phi_{196}\ \Phi_{140}^2\ \Phi_{70}\ \Phi_{56}^2\ \Phi_{49}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
159486	1953	488	$\frac{3}{122}$	$\frac{17}{122}$	$\frac{35}{244}$	$\frac{209}{488}$	$\Phi_{488}^7\ \Phi_{122}^2\ \Phi_{61}^2\ \Phi_8^7\ \Phi_2^2\ \Phi_1^3$
159487	1953	160	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{13}{80}$	$\frac{67}{160}$	$\Phi_{160}^{21}\ \Phi_{40}^7\ \Phi_{32}^{21}\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_8^6\ \Phi_5^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
159488	1953	1668	$\frac{1}{139}$	$\frac{1}{6}$	$\frac{46}{139}$	$\frac{5}{12}$	$\Phi_{1668}^2\ \Phi_{556}^2\ \Phi_{139}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
159489	1953	564	$\frac{1}{94}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{564}^2\ \Phi_{282}^4\ \Phi_{188}^4\ \Phi_{141}^4\ \Phi_{94}^5\ \Phi_{47}^5\ \Phi_{12}\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
159490	1953	1668	$\frac{4}{139}$	$\frac{15}{139}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1668}^2\ \Phi_{556}^2\ \Phi_{139}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_1^3$
159491	1953	480	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^6\ \Phi_{120}^4\ \Phi_{96}^2\ \Phi_{80}^6\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{40}^6\ \Phi_{32}^3\ \Phi_{30}^4\ \Phi_{24}^2\ \Phi_{20}^4\ \Phi_{16}^3\ \Phi_{15}^4\ \Phi_{12}\ \Phi_{10}^5\ \Phi_8^3\ \Phi_6^2\ \Phi_5^5\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
159492	1953	2000	$\frac{47}{2000}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
159493	1953	448	$\frac{1}{56}$	$\frac{1}{8}$	$\frac{55}{224}$	$\frac{169}{448}$	$\Phi_{448}^7\ \Phi_{64}^7\ \Phi_{56}^7\ \Phi_{28}^7\ \Phi_{14}^7\ \Phi_8^6\ \Phi_7^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
159494	1953	656	$\frac{5}{656}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{656}^3\ \Phi_{328}^3\ \Phi_{164}^3\ \Phi_{82}^3\ \Phi_{41}^3\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
159495	1953	192	$\frac{1}{64}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{192}^8\ \Phi_{96}^8\ \Phi_{64}^{15}\ \Phi_{48}^7\ \Phi_{32}^{15}\ \Phi_{24}^8\ \Phi_{16}^{14}\ \Phi_{12}^8\ \Phi_8^{14}\ \Phi_6^8\ \Phi_4^{14}\ \Phi_3^8\ \Phi_2^{14}\ \Phi_1^{15}$
159496	1953	32	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{11}{32}$	$\Phi_{32}^{60}\ \Phi_{16}^{62}\ \Phi_8^{62}\ \Phi_4^{62}\ \Phi_2^{62}\ \Phi_1^{63}$
159497	1953	244	$\frac{1}{61}$	$\frac{27}{244}$	$\frac{20}{61}$	$\frac{41}{122}$	$\Phi_{244}^9\ \Phi_{122}^6\ \Phi_{61}^8\ \Phi_4^9\ \Phi_2^6\ \Phi_1^9$
159498	1953	280	$\frac{1}{70}$	$\frac{1}{8}$	$\frac{23}{70}$	$\frac{47}{140}$	$\Phi_{280}^8\ \Phi_{140}^5\ \Phi_{70}^7\ \Phi_{56}^8\ \Phi_{40}^8\ \Phi_{35}^7\ \Phi_{28}^5\ \Phi_{20}^5\ \Phi_{14}^7\ \Phi_{10}^7\ \Phi_8^7\ \Phi_7^7\ \Phi_5^7\ \Phi_4^4\ \Phi_2^6\ \Phi_1^7$
159499	1953	652	$\frac{1}{163}$	$\frac{1}{4}$	$\frac{54}{163}$	$\frac{109}{326}$	$\Phi_{652}^4\ \Phi_{326}\ \Phi_{163}^3\ \Phi_4^3\ \Phi_1^3$
159500	1953	976	$\frac{1}{244}$	$\frac{81}{244}$	$\frac{325}{976}$	$\frac{163}{488}$	$\Phi_{976}^3\ \Phi_{244}^2\ \Phi_{122}^2\ \Phi_{61}^2\ \Phi_{16}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
159501	1953	1251	$\frac{1}{139}$	$\frac{2}{9}$	$\frac{46}{139}$	$\frac{1}{3}$	$\Phi_{1251}^2\ \Phi_{139}^2\ \Phi_9^3\ \Phi_1^3$
159502	1953	1023	$\frac{1}{31}$	$\frac{2}{33}$	$\frac{10}{31}$	$\frac{1}{3}$	$\Phi_{1023}^2\ \Phi_{341}^2\ \Phi_{33}^3\ \Phi_{31}^2\ \Phi_{11}^3\ \Phi_1^3$
159503	1953	876	$\frac{2}{219}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{876}^2\ \Phi_{438}^2\ \Phi_{292}^2\ \Phi_{219}^3\ \Phi_{146}^2\ \Phi_{73}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
159504	1953	1692	$\frac{1}{94}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1692}^2\ \Phi_{846}\ \Phi_{423}\ \Phi_{188}^2\ \Phi_{94}\ \Phi_{47}\ \Phi_{36}\ \Phi_9\ \Phi_4\ \Phi_1$
159505	1953	132	$\frac{1}{22}$	$\frac{2}{33}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{132}^{19}\ \Phi_{66}^9\ \Phi_{44}^{21}\ \Phi_{33}^{10}\ \Phi_{22}^{10}\ \Phi_{12}^{20}\ \Phi_{11}^{11}\ \Phi_6^{10}\ \Phi_4^{21}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
159506	1953	1251	$\frac{4}{139}$	$\frac{15}{139}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1251}^2\ \Phi_{139}^2\ \Phi_9^3\ \Phi_1^3$
159507	1953	1440	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1440}^2\ \Phi_{720}^2\ \Phi_{360}^2\ \Phi_{288}\ \Phi_{180}^2\ \Phi_{160}^2\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}^2\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{32}\ \Phi_{20}^2\ \Phi_{16}\ \Phi_{10}\ \Phi_9\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
159508	1953	255	$\frac{4}{85}$	$\frac{9}{85}$	$\frac{38}{255}$	$\frac{1}{3}$	$\Phi_{255}^7\ \Phi_{85}^9\ \Phi_{51}^7\ \Phi_{17}^9\ \Phi_{15}^7\ \Phi_5^9\ \Phi_3^6\ \Phi_1^9$
159509	1953	1023	$\frac{2}{33}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{1}{3}$	$\Phi_{1023}^2\ \Phi_{341}^2\ \Phi_{33}^3\ \Phi_{31}^2\ \Phi_{11}^3\ \Phi_1^3$
159510	1953	1320	$\frac{2}{33}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{440}^2\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}^2\ \Phi_{33}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
159511	1953	324	$\frac{1}{108}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{107}{324}$	$\Phi_{324}^9\ \Phi_{162}^9\ \Phi_{81}^9\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
159512	1953	305	$\frac{1}{61}$	$\frac{41}{305}$	$\frac{88}{305}$	$\frac{20}{61}$	$\Phi_{305}^6\ \Phi_{61}^8\ \Phi_5^6\ \Phi_1^9$
159513	1953	230	$\frac{1}{46}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{15}{46}$	$\Phi_{230}^8\ \Phi_{115}^8\ \Phi_{46}^{10}\ \Phi_{23}^{10}\ \Phi_{10}^{10}\ \Phi_5^{10}\ \Phi_2^{12}\ \Phi_1^{13}$
159514	1953	184	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{15}{46}$	$\Phi_{184}^{12}\ \Phi_{92}^8\ \Phi_{46}^{10}\ \Phi_{23}^{10}\ \Phi_8^{15}\ \Phi_4^{10}\ \Phi_2^{12}\ \Phi_1^{13}$
159515	1953	1150	$\frac{1}{46}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{15}{46}$	$\Phi_{1150}^2\ \Phi_{575}^2\ \Phi_{50}^2\ \Phi_{46}^2\ \Phi_{25}^3\ \Phi_{23}^2\ \Phi_2^2\ \Phi_1^3$
159516	1953	488	$\frac{11}{488}$	$\frac{47}{488}$	$\frac{147}{488}$	$\frac{159}{488}$	$\Phi_{488}^4\ \Phi_{244}^4\ \Phi_{122}^4\ \Phi_{61}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
159517	1953	40	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{9}{40}$	$\frac{13}{40}$	$\Phi_{40}^{49}\ \Phi_{20}^{49}\ \Phi_{10}^{49}\ \Phi_8^{48}\ \Phi_5^{49}\ \Phi_4^{48}\ \Phi_2^{48}\ \Phi_1^{49}$
159518	1953	244	$\frac{7}{244}$	$\frac{27}{244}$	$\frac{55}{244}$	$\frac{79}{244}$	$\Phi_{244}^8\ \Phi_{122}^8\ \Phi_{61}^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
159519	1953	652	$\frac{19}{652}$	$\frac{63}{652}$	$\frac{1}{4}$	$\frac{211}{652}$	$\Phi_{652}^3\ \Phi_{326}^3\ \Phi_{163}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
159520	1953	1395	$\frac{1}{31}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{10}{31}$	$\Phi_{1395}^2\ \Phi_{279}^2\ \Phi_{45}^3\ \Phi_{31}^2\ \Phi_9^3\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
159521	1953	1240	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{10}{31}$	$\Phi_{1240}^2\ \Phi_{620}^2\ \Phi_{248}^2\ \Phi_{124}^2\ \Phi_{40}^3\ \Phi_{31}^2\ \Phi_{20}^3\ \Phi_{8}^3\ \Phi_{4}^3\ \Phi_{1}^3$
159522	1953	1085	$\frac{1}{31}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{10}{31}$	$\Phi_{1085}^2\ \Phi_{217}^2\ \Phi_{35}^3\ \Phi_{31}^2\ \Phi_{7}^3\ \Phi_{1}^3$
159523	1953	1116	$\frac{1}{31}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{10}{31}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{372}^2\ \Phi_{279}^2\ \Phi_{124}^2\ \Phi_{36}^3\ \Phi_{31}^2\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{9}^3\ \Phi_{4}^3\ \Phi_{1}^3$
159524	1953	320	$\frac{11}{320}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{103}{320}$	$\Phi_{320}^6\ \Phi_{160}^6\ \Phi_{80}^6\ \Phi_{64}^6\ \Phi_{40}^6\ \Phi_{32}^6\ \Phi_{20}^6\ \Phi_{16}^8\ \Phi_{10}^6\ \Phi_{8}^8\ \Phi_{5}^6\ \Phi_{4}^8\ \Phi_{2}^8\ \Phi_{1}^9$
159525	1953	320	$\frac{11}{320}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{103}{320}$	$\Phi_{320}^6\ \Phi_{160}^6\ \Phi_{80}^6\ \Phi_{64}^6\ \Phi_{40}^7\ \Phi_{32}^6\ \Phi_{20}^7\ \Phi_{16}^6\ \Phi_{10}^7\ \Phi_{8}^6\ \Phi_{5}^7\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^7$
159526	1953	112	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{19}{112}$	$\frac{9}{28}$	$\Phi_{112}^{21}\ \Phi_{56}^{13}\ \Phi_{28}^{15}\ \Phi_{16}^{21}\ \Phi_{14}^{15}\ \Phi_{8}^{12}\ \Phi_{7}^{15}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
159527	1953	136	$\frac{7}{136}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{43}{136}$	$\Phi_{136}^{14}\ \Phi_{68}^{14}\ \Phi_{34}^{14}\ \Phi_{17}^{14}\ \Phi_{8}^{20}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
159528	1953	800	$\frac{1}{16}$	$\frac{11}{160}$	$\frac{149}{800}$	$\frac{5}{16}$	$\Phi_{800}^3\ \Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{16}^2\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
159529	1953	704	$\frac{1}{16}$	$\frac{53}{704}$	$\frac{11}{64}$	$\frac{5}{16}$	$\Phi_{704}^3\ \Phi_{352}^3\ \Phi_{176}^3\ \Phi_{88}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{16}^2\ \Phi_{11}^3\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
159530	1953	256	$\frac{1}{16}$	$\frac{11}{128}$	$\frac{39}{256}$	$\frac{5}{16}$	$\Phi_{256}^9\ \Phi_{128}^6\ \Phi_{64}^6\ \Phi_{32}^6\ \Phi_{16}^8\ \Phi_{8}^8\ \Phi_{4}^8\ \Phi_{2}^8\ \Phi_{1}^9$
159531	1953	240	$\frac{1}{16}$	$\frac{23}{240}$	$\frac{11}{80}$	$\frac{5}{16}$	$\Phi_{240}^9\ \Phi_{120}^9\ \Phi_{80}^6\ \Phi_{60}^9\ \Phi_{48}^9\ \Phi_{40}^6\ \Phi_{30}^9\ \Phi_{24}^9\ \Phi_{20}^6\ \Phi_{16}^8\ \Phi_{15}^9\ \Phi_{12}^9\ \Phi_{10}^6\ \Phi_{8}^8\ \Phi_{6}^9\ \Phi_{5}^6\ \Phi_{4}^8\ \Phi_{3}^9\ \Phi_{2}^8\ \Phi_{1}^9$
159532	1953	1980	$\frac{1}{22}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{14}{45}$	$\Phi_{1980}^2\ \Phi_{990}\ \Phi_{495}\ \Phi_{396}^2\ \Phi_{198}\ \Phi_{180}\ \Phi_{99}\ \Phi_{45}\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{22}\ \Phi_{11}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
159533	1953	1395	$\frac{1}{15}$	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{14}{45}$	$\Phi_{1395}^2\ \Phi_{279}^2\ \Phi_{45}^3\ \Phi_{31}^2\ \Phi_{9}^3\ \Phi_{1}^3$
159534	1953	360	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{14}{45}$	$\Phi_{360}^9\ \Phi_{180}^9\ \Phi_{90}^4\ \Phi_{72}^9\ \Phi_{45}^5\ \Phi_{40}^2\ \Phi_{36}^9\ \Phi_{20}^2\ \Phi_{18}^4\ \Phi_{10}\ \Phi_{9}^5\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
159535	1953	160	$\frac{1}{32}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\Phi_{160}^{12}\ \Phi_{80}^{12}\ \Phi_{40}^{12}\ \Phi_{32}^{15}\ \Phi_{20}^8\ \Phi_{16}^{15}\ \Phi_{10}^{10}\ \Phi_{8}^{15}\ \Phi_{5}^{10}\ \Phi_{4}^{10}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
159536	1953	230	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{22}{115}$	$\frac{3}{10}$	$\Phi_{230}^8\ \Phi_{115}^9\ \Phi_{46}^8\ \Phi_{23}^8\ \Phi_{10}^{10}\ \Phi_{5}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
159537	1953	200	$\frac{7}{100}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{10}$	$\Phi_{200}^{12}\ \Phi_{100}^9\ \Phi_{50}^9\ \Phi_{40}^8\ \Phi_{25}^9\ \Phi_{20}^5\ \Phi_{10}^7\ \Phi_{8}^7\ \Phi_{5}^7\ \Phi_{4}^4\ \Phi_{2}^6\ \Phi_{1}^7$
159538	1953	64	$\frac{1}{32}$	$\frac{7}{64}$	$\frac{15}{64}$	$\frac{19}{64}$	$\Phi_{64}^{31}\ \Phi_{32}^{30}\ \Phi_{16}^{30}\ \Phi_{8}^{30}\ \Phi_{4}^{30}\ \Phi_{2}^{30}\ \Phi_{1}^{31}$
159539	1953	122	$\frac{3}{122}$	$\frac{17}{122}$	$\frac{29}{122}$	$\frac{35}{122}$	$\Phi_{122}^{16}\ \Phi_{61}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{17}$
159540	1953	652	$\frac{15}{652}$	$\frac{91}{652}$	$\frac{1}{4}$	$\frac{187}{652}$	$\Phi_{652}^3\ \Phi_{326}^3\ \Phi_{163}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
159541	1953	392	$\frac{5}{98}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{392}^6\ \Phi_{196}^6\ \Phi_{98}^3\ \Phi_{56}^4\ \Phi_{49}^3\ \Phi_{28}^4\ \Phi_{14}\ \Phi_{8}^3\ \Phi_{7}^3\ \Phi_{4}^3\ \Phi_{1}^3$
159542	1953	680	$\frac{29}{680}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{40}$	$\Phi_{680}^3\ \Phi_{340}^3\ \Phi_{170}^3\ \Phi_{136}^3\ \Phi_{85}^3\ \Phi_{68}^3\ \Phi_{40}\ \Phi_{34}^3\ \Phi_{20}\ \Phi_{17}^3\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
159543	1953	220	$\frac{3}{220}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{220}^9\ \Phi_{110}^9\ \Phi_{55}^9\ \Phi_{44}^9\ \Phi_{22}^9\ \Phi_{20}^9\ \Phi_{11}^9\ \Phi_{10}^9\ \Phi_{5}^9\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
159544	1953	288	$\frac{1}{72}$	$\frac{71}{288}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{288}^9\ \Phi_{144}^9\ \Phi_{96}^9\ \Phi_{48}^9\ \Phi_{32}^9\ \Phi_{16}^9\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
159545	1953	540	$\frac{1}{54}$	$\frac{53}{270}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{540}^4\ \Phi_{270}^5\ \Phi_{180}^4\ \Phi_{135}^5\ \Phi_{90}^5\ \Phi_{60}^4\ \Phi_{45}^5\ \Phi_{30}^5\ \Phi_{20}^4\ \Phi_{15}^5\ \Phi_{10}^5\ \Phi_{5}^5\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
159546	1953	444	$\frac{5}{222}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{444}^4\ \Phi_{222}^5\ \Phi_{148}^4\ \Phi_{111}^5\ \Phi_{74}^5\ \Phi_{37}^5\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
159547	1953	36	$\frac{1}{36}$	$\frac{5}{36}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{36}^{54}\ \Phi_{18}^{54}\ \Phi_{12}^{54}\ \Phi_{9}^{54}\ \Phi_{6}^{54}\ \Phi_{4}^{56}\ \Phi_{3}^{54}\ \Phi_{2}^{56}\ \Phi_{1}^{57}$
159548	1953	32	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{32}^{63}\ \Phi_{16}^{63}\ \Phi_{8}^{54}\ \Phi_{4}^{56}\ \Phi_{2}^{56}\ \Phi_{1}^{57}$
159549	1953	900	$\frac{8}{225}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{900}^2\ \Phi_{450}^2\ \Phi_{300}^2\ \Phi_{225}^3\ \Phi_{180}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{90}^2\ \Phi_{75}^3\ \Phi_{60}^2\ \Phi_{50}^2\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{25}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_{5}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
159550	1953	972	$\frac{1}{27}$	$\frac{26}{243}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{972}^2\ \Phi_{486}^2\ \Phi_{324}^2\ \Phi_{243}^3\ \Phi_{162}^2\ \Phi_{81}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
159551	1953	240	$\frac{1}{24}$	$\frac{23}{240}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{240}^9\ \Phi_{120}^9\ \Phi_{80}^9\ \Phi_{60}^9\ \Phi_{48}^9\ \Phi_{40}^9\ \Phi_{30}^9\ \Phi_{20}^9\ \Phi_{16}^9\ \Phi_{15}^9\ \Phi_{10}^9\ \Phi_{5}^9\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
159552	1953	228	$\frac{11}{228}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{228}^9\ \Phi_{114}^9\ \Phi_{76}^9\ \Phi_{57}^9\ \Phi_{38}^9\ \Phi_{19}^9\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
159553	1953	468	$\frac{1}{18}$	$\frac{17}{234}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{468}^4\ \Phi_{234}^5\ \Phi_{156}^4\ \Phi_{117}^5\ \Phi_{78}^5\ \Phi_{52}^4\ \Phi_{39}^5\ \Phi_{26}^5\ \Phi_{13}^5\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
159554	1953	368	$\frac{3}{92}$	$\frac{1}{8}$	$\frac{89}{368}$	$\frac{1}{4}$	$\Phi_{368}^7\ \Phi_{184}^3\ \Phi_{92}^4\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{16}^7\ \Phi_{8}^6\ \Phi_{4}^6\ \Phi_{2}^6\ \Phi_{1}^7$
159555	1953	440	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{4}$	$\Phi_{440}^6\ \Phi_{220}^2\ \Phi_{110}^4\ \Phi_{88}^6\ \Phi_{55}^4\ \Phi_{44}^4\ \Phi_{40}^3\ \Phi_{22}^5\ \Phi_{20}\ \Phi_{11}^5\ \Phi_{10}^2\ \Phi_{8}^3\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
159556	1953	160	$\frac{1}{32}$	$\frac{3}{20}$	$\frac{17}{80}$	$\frac{1}{4}$	$\Phi_{160}^{12}\ \Phi_{80}^{11}\ \Phi_{40}^{11}\ \Phi_{32}^{15}\ \Phi_{20}^{12}\ \Phi_{16}^{14}\ \Phi_{10}^{12}\ \Phi_{8}^{14}\ \Phi_{5}^{12}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
159557	1953	800	$\frac{1}{32}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{800}^{3}\ \Phi_{400}^{3}\ \Phi_{200}^{3}\ \Phi_{100}^{2}\ \Phi_{50}^{2}\ \Phi_{32}^{3}\ \Phi_{25}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
159558	1953	1540	$\frac{1}{22}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1540}^{2}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}^{2}\ \Phi_{154}\ \Phi_{140}\ \Phi_{77}\ \Phi_{44}^{2}\ \Phi_{35}\ \Phi_{28}\ \Phi_{22}\ \Phi_{11}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
159559	1953	920	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{22}{115}$	$\frac{1}{4}$	$\Phi_{920}^{3}\ \Phi_{460}^{2}\ \Phi_{230}^{2}\ \Phi_{115}^{3}\ \Phi_{40}^{3}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
159560	1953	396	$\frac{1}{22}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{396}^{6}\ \Phi_{198}^{6}\ \Phi_{132}^{2}\ \Phi_{99}^{6}\ \Phi_{66}^{4}\ \Phi_{44}^{4}\ \Phi_{36}^{3}\ \Phi_{33}^{4}\ \Phi_{22}^{5}\ \Phi_{18}^{3}\ \Phi_{12}\ \Phi_{11}^{5}\ \Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
159561	1953	2560	$\frac{33}{640}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{607}{2560}$	$\Phi_{2560}\ \Phi_{1280}\ \Phi_{512}\ \Phi_{256}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
159562	1953	728	$\frac{6}{91}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{85}{364}$	$\Phi_{728}^{3}\ \Phi_{364}^{2}\ \Phi_{182}^{2}\ \Phi_{104}^{3}\ \Phi_{91}^{3}\ \Phi_{56}^{4}\ \Phi_{52}^{2}\ \Phi_{28}^{3}\ \Phi_{26}^{2}\ \Phi_{14}^{3}\ \Phi_{13}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
159563	1953	1240	$\frac{3}{31}$	$\frac{1}{10}$	$\frac{4}{31}$	$\frac{9}{40}$	$\Phi_{1240}^{2}\ \Phi_{620}^{2}\ \Phi_{248}^{2}\ \Phi_{124}^{2}\ \Phi_{40}^{3}\ \Phi_{31}^{2}\ \Phi_{20}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
159564	1953	40	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{9}{40}$	$\Phi_{40}^{47}\ \Phi_{20}^{47}\ \Phi_{10}^{55}\ \Phi_{8}^{46}\ \Phi_{5}^{55}\ \Phi_{4}^{46}\ \Phi_{2}^{54}\ \Phi_{1}^{55}$
159565	1953	2080	$\frac{127}{2080}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{160}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
159566	1953	575	$\frac{1}{23}$	$\frac{4}{25}$	$\frac{22}{115}$	$\frac{1}{5}$	$\Phi_{575}^{4}\ \Phi_{115}\ \Phi_{25}^{5}\ \Phi_{5}\ \Phi_{1}$
159567	1953	200	$\frac{7}{100}$	$\frac{1}{8}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{200}^{11}\ \Phi_{100}^{8}\ \Phi_{50}^{8}\ \Phi_{40}^{12}\ \Phi_{25}^{9}\ \Phi_{20}^{9}\ \Phi_{10}^{9}\ \Phi_{8}^{11}\ \Phi_{5}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
159568	1953	440	$\frac{4}{55}$	$\frac{1}{8}$	$\frac{17}{110}$	$\frac{1}{5}$	$\Phi_{440}^{5}\ \Phi_{220}^{5}\ \Phi_{110}^{2}\ \Phi_{88}^{5}\ \Phi_{55}^{3}\ \Phi_{44}^{5}\ \Phi_{40}^{6}\ \Phi_{22}^{2}\ \Phi_{20}^{6}\ \Phi_{11}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{5}\ \Phi_{5}^{3}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
159569	1953	1085	$\frac{3}{31}$	$\frac{4}{35}$	$\frac{4}{31}$	$\frac{1}{5}$	$\Phi_{1085}^{2}\ \Phi_{217}^{2}\ \Phi_{35}^{3}\ \Phi_{31}^{2}\ \Phi_{7}^{3}\ \Phi_{1}^{3}$
159570	1953	280	$\frac{1}{10}$	$\frac{4}{35}$	$\frac{1}{8}$	$\frac{1}{5}$	$\Phi_{280}^{9}\ \Phi_{140}^{9}\ \Phi_{70}^{4}\ \Phi_{56}^{9}\ \Phi_{40}^{2}\ \Phi_{35}^{5}\ \Phi_{28}^{9}\ \Phi_{20}^{2}\ \Phi_{14}^{4}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}^{5}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
159571	1953	800	$\frac{11}{160}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{149}{800}$	$\Phi_{800}^{3}\ \Phi_{400}^{3}\ \Phi_{200}^{3}\ \Phi_{100}^{3}\ \Phi_{50}^{3}\ \Phi_{40}\ \Phi_{25}^{3}\ \Phi_{20}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
159572	1953	240	$\frac{23}{240}$	$\frac{1}{8}$	$\frac{11}{80}$	$\frac{7}{40}$	$\Phi_{240}^{9}\ \Phi_{120}^{9}\ \Phi_{80}^{6}\ \Phi_{60}^{9}\ \Phi_{48}^{9}\ \Phi_{40}^{7}\ \Phi_{30}^{9}\ \Phi_{24}^{9}\ \Phi_{20}^{7}\ \Phi_{16}^{6}\ \Phi_{15}^{9}\ \Phi_{12}^{9}\ \Phi_{10}^{7}\ \Phi_{8}^{6}\ \Phi_{6}^{9}\ \Phi_{5}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
159573	1953	320	$\frac{33}{320}$	$\frac{1}{8}$	$\frac{41}{320}$	$\frac{7}{40}$	$\Phi_{320}^{6}\ \Phi_{160}^{6}\ \Phi_{80}^{6}\ \Phi_{64}^{6}\ \Phi_{40}^{7}\ \Phi_{32}^{6}\ \Phi_{20}^{7}\ \Phi_{16}^{6}\ \Phi_{10}^{7}\ \Phi_{8}^{6}\ \Phi_{5}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
159574	1953	1116	$\frac{3}{31}$	$\frac{4}{31}$	$\frac{5}{36}$	$\frac{1}{6}$	$\Phi_{1116}^{2}\ \Phi_{558}^{2}\ \Phi_{372}^{2}\ \Phi_{279}^{2}\ \Phi_{124}^{2}\ \Phi_{36}^{3}\ \Phi_{31}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
159575	1953	360	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{5}{36}$	$\frac{1}{6}$	$\Phi_{360}^{8}\ \Phi_{180}^{6}\ \Phi_{120}^{4}\ \Phi_{90}^{6}\ \Phi_{72}^{4}\ \Phi_{60}^{2}\ \Phi_{45}^{6}\ \Phi_{40}^{6}\ \Phi_{36}^{3}\ \Phi_{30}^{4}\ \Phi_{24}^{2}\ \Phi_{20}^{4}\ \Phi_{18}^{3}\ \Phi_{15}^{4}\ \Phi_{12}\ \Phi_{10}^{5}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
159576	1954	1950	$\frac{2}{975}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{973}{1950}$	$\Phi_{1950}^{2}\ \Phi_{650}^{2}\ \Phi_{390}^{2}\ \Phi_{150}^{2}\ \Phi_{130}^{2}\ \Phi_{78}^{2}\ \Phi_{50}^{2}\ \Phi_{30}^{2}\ \Phi_{26}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
159577	1954	3912	$\frac{1}{326}$	$\frac{327}{1304}$	$\frac{1}{3}$	$\frac{325}{652}$	$\Phi_{3912}\ \Phi_{978}\ \Phi_{489}\ \Phi_{24}\ \Phi_{6}$
159578	1954	1674	$\frac{1}{279}$	$\frac{140}{837}$	$\frac{697}{1674}$	$\frac{139}{279}$	$\Phi_{1674}^{2}\ \Phi_{558}^{2}\ \Phi_{279}\ \Phi_{186}^{2}\ \Phi_{93}\ \Phi_{62}^{2}\ \Phi_{54}^{2}\ \Phi_{31}\ \Phi_{18}^{2}\ \Phi_{9}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
159579	1954	1946	$\frac{4}{973}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{969}{1946}$	$\Phi_{1946}^{2}\ \Phi_{278}^{2}\ \Phi_{14}^{2}\ \Phi_{7}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
159580	1954	1736	$\frac{1}{217}$	$\frac{109}{868}$	$\frac{759}{1736}$	$\frac{108}{217}$	$\Phi_{1736}^{2}\ \Phi_{248}^{2}\ \Phi_{217}\ \Phi_{56}^{2}\ \Phi_{31}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
159581	1954	1302	$\frac{1}{217}$	$\frac{325}{1302}$	$\frac{109}{434}$	$\frac{108}{217}$	$\Phi_{1302}^{2}\ \Phi_{651}^{2}\ \Phi_{217}\ \Phi_{186}^{2}\ \Phi_{93}^{2}\ \Phi_{42}^{2}\ \Phi_{31}\ \Phi_{21}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
159582	1954	1944	$\frac{5}{972}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{967}{1944}$	$\Phi_{1944}^{2}\ \Phi_{648}^{2}\ \Phi_{216}^{2}\ \Phi_{72}^{2}\ \Phi_{24}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
159583	1954	1944	$\frac{5}{972}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{967}{1944}$	$\Phi_{1944}^{2}\ \Phi_{648}^{2}\ \Phi_{216}^{2}\ \Phi_{72}^{2}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
159584	1954	1860	$\frac{1}{93}$	$\frac{47}{930}$	$\frac{883}{1860}$	$\frac{46}{93}$	$\Phi_{1860}^{2}\ \Phi_{620}^{2}\ \Phi_{372}^{2}\ \Phi_{124}^{2}\ \Phi_{93}\ \Phi_{60}^{2}\ \Phi_{31}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
159585	1954	1395	$\frac{1}{93}$	$\frac{47}{465}$	$\frac{418}{1395}$	$\frac{46}{93}$	$\Phi_{1395}^{2}\ \Phi_{279}^{2}\ \Phi_{93}\ \Phi_{45}^{2}\ \Phi_{31}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
159586	1954	1116	$\frac{1}{93}$	$\frac{139}{1116}$	$\frac{47}{186}$	$\frac{46}{93}$	$\Phi_{1116}^{2}\ \Phi_{558}^{2}\ \Phi_{372}^{2}\ \Phi_{279}^{2}\ \Phi_{124}^{2}\ \Phi_{93}\ \Phi_{36}^{2}\ \Phi_{31}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
159587	1954	1932	$\frac{11}{966}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{955}{1932}$	$\Phi_{1932}^{2}\ \Phi_{644}^{2}\ \Phi_{276}^{2}\ \Phi_{92}^{2}\ \Phi_{84}^{2}\ \Phi_{28}^{2}\ \Phi_{21}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
159588	1954	1932	$\frac{11}{966}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{955}{1932}$	$\Phi_{1932}^{2}\ \Phi_{644}^{2}\ \Phi_{276}^{2}\ \Phi_{92}^{2}\ \Phi_{84}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
159589	1954	1925	$\frac{29}{1925}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{948}{1925}$	$\Phi_{1925}\ \Phi_{385}\ \Phi_{275}\ \Phi_{175}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}^{2}\ \Phi_{25}\ \Phi_{11}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
159590	1954	1176	$\frac{3}{196}$	$\frac{1}{7}$	$\frac{199}{1176}$	$\frac{193}{392}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{168}^2\ \Phi_{147}^2\ \Phi_{98}^2\ \Phi_{84}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
159591	1954	1890	$\frac{1}{63}$	$\frac{32}{945}$	$\frac{913}{1890}$	$\frac{31}{63}$	$\Phi_{1890}^2\ \Phi_{630}^2\ \Phi_{378}^2\ \Phi_{270}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_7\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
159592	1954	1260	$\frac{1}{63}$	$\frac{32}{315}$	$\frac{283}{1260}$	$\frac{31}{63}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
159593	1954	1134	$\frac{1}{63}$	$\frac{157}{1134}$	$\frac{32}{189}$	$\frac{31}{63}$	$\Phi_{1134}^2\ \Phi_{567}^2\ \Phi_{378}^2\ \Phi_{162}^2\ \Phi_{126}^2\ \Phi_{81}^2\ \Phi_{63}\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9\ \Phi_7\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
159594	1954	1922	$\frac{16}{961}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{945}{1922}$	$\Phi_{1922}^2\ \Phi_{62}^2\ \Phi_{31}\ \Phi_2^2\ \Phi_1^2$
159595	1954	1120	$\frac{3}{140}$	$\frac{143}{1120}$	$\frac{1}{7}$	$\frac{137}{280}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{224}^2\ \Phi_{160}^2\ \Phi_{140}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
159596	1954	1911	$\frac{43}{1911}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{934}{1911}$	$\Phi_{1911}\ \Phi_{637}\ \Phi_{273}\ \Phi_{147}\ \Phi_{91}\ \Phi_{49}^2\ \Phi_{39}\ \Phi_{21}\ \Phi_{13}\ \Phi_7\ \Phi_3\ \Phi_1^2$
159597	1954	1904	$\frac{25}{952}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{927}{1904}$	$\Phi_{1904}^2\ \Phi_{272}^2\ \Phi_{112}^2\ \Phi_{28}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
159598	1954	1890	$\frac{32}{945}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{913}{1890}$	$\Phi_{1890}^2\ \Phi_{630}^2\ \Phi_{378}^2\ \Phi_{270}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
159599	1954	1449	$\frac{11}{483}$	$\frac{1}{21}$	$\frac{472}{1449}$	$\frac{10}{21}$	$\Phi_{1449}^2\ \Phi_{207}^2\ \Phi_{63}^2\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
159600	1954	1008	$\frac{31}{1008}$	$\frac{1}{21}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
159601	1954	1862	$\frac{46}{931}$	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{885}{1862}$	$\Phi_{1862}^2\ \Phi_{266}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{38}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
159602	1954	1860	$\frac{1}{31}$	$\frac{47}{930}$	$\frac{15}{62}$	$\frac{883}{1860}$	$\Phi_{1860}^2\ \Phi_{620}^2\ \Phi_{372}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{60}^2\ \Phi_{31}\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
159603	1954	1820	$\frac{3}{70}$	$\frac{67}{910}$	$\frac{1}{7}$	$\frac{843}{1820}$	$\Phi_{1820}^2\ \Phi_{364}^2\ \Phi_{260}^2\ \Phi_{140}^2\ \Phi_{70}^2\ \Phi_{52}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
159604	1954	1008	$\frac{31}{1008}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
159605	1954	1764	$\frac{1}{63}$	$\frac{95}{882}$	$\frac{31}{126}$	$\frac{787}{1764}$	$\Phi_{1764}^2\ \Phi_{588}^2\ \Phi_{252}^2\ \Phi_{196}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
159606	1954	1764	$\frac{3}{98}$	$\frac{95}{882}$	$\frac{1}{7}$	$\frac{787}{1764}$	$\Phi_{1764}^2\ \Phi_{588}^2\ \Phi_{252}^2\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{84}^2\ \Phi_{49}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
159607	1954	1458	$\frac{5}{486}$	$\frac{1}{9}$	$\frac{481}{1458}$	$\frac{4}{9}$	$\Phi_{1458}^2\ \Phi_{729}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
159608	1954	990	$\frac{13}{990}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
159609	1954	1296	$\frac{5}{324}$	$\frac{1}{9}$	$\frac{319}{1296}$	$\frac{4}{9}$	$\Phi_{1296}^2\ \Phi_{648}^2\ \Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
159610	1954	1215	$\frac{5}{243}$	$\frac{1}{9}$	$\frac{238}{1215}$	$\frac{4}{9}$	$\Phi_{1215}^2\ \Phi_{405}^2\ \Phi_{135}^2\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
159611	1954	999	$\frac{22}{999}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{999}^2\ \Phi_{333}^2\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
159612	1954	1008	$\frac{31}{1008}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_9\ \Phi_8^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
159613	1954	1134	$\frac{5}{162}$	$\frac{1}{9}$	$\frac{157}{1134}$	$\frac{4}{9}$	$\Phi_{1134}^2\ \Phi_{567}^2\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
159614	1954	1080	$\frac{5}{108}$	$\frac{103}{1080}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9\ \Phi_8^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
159615	1954	1026	$\frac{49}{1026}$	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1026}^2\ \Phi_{513}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
159616	1954	1053	$\frac{5}{81}$	$\frac{76}{1053}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1053}^2\ \Phi_{351}^2\ \Phi_{117}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
159617	1954	1736	$\frac{1}{31}$	$\frac{15}{124}$	$\frac{109}{868}$	$\frac{759}{1736}$	$\Phi_{1736}^2\ \Phi_{248}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{56}^2\ \Phi_{31}\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
159618	1954	1715	$\frac{6}{245}$	$\frac{239}{1715}$	$\frac{1}{7}$	$\frac{738}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}^2\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
159619	1954	1680	$\frac{3}{140}$	$\frac{1}{7}$	$\frac{137}{840}$	$\frac{703}{1680}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{140}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{70}^2\ \Phi_{48}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
159620	1954	984	$\frac{7}{984}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{984}^2\ \Phi_{492}^2\ \Phi_{328}^2\ \Phi_{246}^2\ \Phi_{164}^2\ \Phi_{123}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{24}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
159621	1954	4890	$\frac{1}{163}$	$\frac{162}{815}$	$\frac{1}{3}$	$\frac{653}{1630}$	$\Phi_{4890}\ \Phi_{978}\ \Phi_{489}\ \Phi_{30}\ \Phi_6$
159622	1954	1568	$\frac{3}{196}$	$\frac{1}{7}$	$\frac{193}{784}$	$\frac{591}{1568}$	$\Phi_{1568}^2\ \Phi_{224}^2\ \Phi_{196}^2\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{32}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
159623	1954	1512	$\frac{1}{63}$	$\frac{31}{252}$	$\frac{221}{756}$	$\frac{535}{1512}$	$\Phi_{1512}^2\ \Phi_{504}^2\ \Phi_{252}^2\ \Phi_{216}^2\ \Phi_{168}^2\ \Phi_{126}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
159624	1954	1488	$\frac{1}{31}$	$\frac{15}{248}$	$\frac{233}{744}$	$\frac{511}{1488}$	$\Phi_{1488}^2\ \Phi_{496}^2\ \Phi_{248}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{48}^2\ \Phi_{31}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
159625	1954	1470	$\frac{3}{245}$	$\frac{1}{7}$	$\frac{242}{735}$	$\frac{493}{1470}$	$\Phi_{1470}^2\ \Phi_{490}^2\ \Phi_{294}^2\ \Phi_{245}^2\ \Phi_{210}^2\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
159626	1954	1467	$\frac{2}{489}$	$\frac{487}{1467}$	$\frac{1}{3}$	$\frac{490}{1467}$	$\Phi_{1467}\ \Phi_{489}^2\ \Phi_{163}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
159627	1954	1170	$\frac{2}{195}$	$\frac{193}{1170}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{390}^2\ \Phi_{234}^2\ \Phi_{130}^2\ \Phi_{117}^2\ \Phi_{90}^2\ \Phi_{78}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
159628	1954	990	$\frac{13}{990}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
159629	1954	1050	$\frac{2}{75}$	$\frac{73}{1050}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
159630	1954	1014	$\frac{37}{1014}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1014}^2\ \Phi_{507}^2\ \Phi_{338}^2\ \Phi_{169}^2\ \Phi_{78}^2\ \Phi_{26}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
159631	1954	1458	$\frac{5}{486}$	$\frac{1}{6}$	$\frac{481}{1458}$	$\frac{1}{3}$	$\Phi_{1458}^2\ \Phi_{729}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
159632	1954	990	$\frac{13}{990}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
159633	1954	1296	$\frac{5}{324}$	$\frac{1}{6}$	$\frac{319}{1296}$	$\frac{1}{3}$	$\Phi_{1296}^2\ \Phi_{648}^2\ \Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
159634	1954	1008	$\frac{31}{1008}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
159635	1954	1134	$\frac{5}{162}$	$\frac{157}{1134}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1134}^2\ \Phi_{567}^2\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
159636	1954	1080	$\frac{5}{108}$	$\frac{103}{1080}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
159637	1954	1026	$\frac{49}{1026}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1026}^2\ \Phi_{513}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
159638	1954	1260	$\frac{3}{140}$	$\frac{1}{7}$	$\frac{283}{1260}$	$\frac{137}{420}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_7\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
159639	1954	1176	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{199}{1176}$	$\frac{95}{294}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{392}^2\ \Phi_{196}^2\ \Phi_{168}^2\ \Phi_{98}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{49}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
159640	1954	1428	$\frac{25}{476}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{451}{1428}$	$\Phi_{1428}^2\ \Phi_{714}^2\ \Phi_{357}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{84}^2\ \Phi_{51}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
159641	1954	1050	$\frac{73}{1050}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{32}{105}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{75}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^2$
159642	1954	1029	$\frac{52}{1029}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{147}$	$\Phi_{1029}^2\ \Phi_{343}^2\ \Phi_{147}\ \Phi_{49}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
159643	1954	1008	$\frac{31}{1008}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
159644	1954	1116	$\frac{1}{31}$	$\frac{139}{1116}$	$\frac{15}{62}$	$\frac{47}{186}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{372}^2\ \Phi_{279}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{36}^2\ \Phi_{31}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
159645	1954	1240	$\frac{1}{31}$	$\frac{47}{310}$	$\frac{263}{1240}$	$\frac{15}{62}$	$\Phi_{1240}^2\ \Phi_{620}^2\ \Phi_{248}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{40}^2\ \Phi_{31}\ \Phi_{20}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
159646	1954	1288	$\frac{11}{322}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{311}{1288}$	$\Phi_{1288}^2\ \Phi_{644}^2\ \Phi_{184}^2\ \Phi_{92}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
159647	1954	1274	$\frac{43}{637}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{297}{1274}$	$\Phi_{1274}^2\ \Phi_{637}\ \Phi_{182}^2\ \Phi_{98}^2\ \Phi_{91}\ \Phi_{49}^2\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_7\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
159648	1954	1260	$\frac{3}{35}$	$\frac{32}{315}$	$\frac{1}{7}$	$\frac{283}{1260}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
159649	1954	1050	$\frac{73}{1050}$	$\frac{1}{7}$	$\frac{29}{175}$	$\frac{6}{35}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}\ \Phi_{150}^2\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
159650	1954	1155	$\frac{29}{385}$	$\frac{1}{7}$	$\frac{178}{1155}$	$\frac{6}{35}$	$\Phi_{1155}^2\ \Phi_{385}\ \Phi_{231}^2\ \Phi_{165}^2\ \Phi_{105}^2\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{11}\ \Phi_7\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
159651	1955	1560	$\frac{1}{390}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{389}{780}$	$\Phi_{1560}^2\ \Phi_{780}\ \Phi_{520}^2\ \Phi_{312}^2\ \Phi_{260}\ \Phi_{156}\ \Phi_{120}^2\ \Phi_{104}^2\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
159652	1955	2328	$\frac{3}{388}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{385}{776}$	$\Phi_{2328}^2\ \Phi_{776}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
159653	1955	1824	$\frac{1}{114}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{113}{228}$	$\Phi_{1824}^2\ \Phi_{608}^2\ \Phi_{228}\ \Phi_{96}^2\ \Phi_{76}\ \Phi_{32}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
159654	1955	456	$\frac{1}{114}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{113}{228}$	$\Phi_{456}^4\ \Phi_{228}^5\ \Phi_{152}^4\ \Phi_{114}^4\ \Phi_{76}^5\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{24}^5\ \Phi_{19}^4\ \Phi_{12}^6\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
159655	1955	1140	$\frac{1}{114}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{113}{228}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{285}^2\ \Phi_{228}\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{76}\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4\ \Phi_1$
159656	1955	1848	$\frac{1}{84}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{83}{168}$	$\Phi_{1848}^2\ \Phi_{616}^2\ \Phi_{264}^2\ \Phi_{168}^3\ \Phi_{88}^2\ \Phi_{56}^3\ \Phi_{44}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
159657	1955	1848	$\frac{1}{84}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{83}{168}$	$\Phi_{1848}^2\ \Phi_{616}^2\ \Phi_{264}^2\ \Phi_{168}^3\ \Phi_{88}^2\ \Phi_{56}^3\ \Phi_{33}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_3\ \Phi_1$
159658	1955	2310	$\frac{6}{385}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{379}{770}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{462}\ \Phi_{385}\ \Phi_{330}\ \Phi_{231}\ \Phi_{210}\ \Phi_{165}\ \Phi_{105}\ \Phi_{77}\ \Phi_{66}\ \Phi_{55}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{33}\ \Phi_{30}\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{11}\ \Phi_7\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
159659	1955	1344	$\frac{1}{56}$	$\frac{57}{448}$	$\frac{1}{6}$	$\frac{55}{112}$	$\Phi_{1344}^2\ \Phi_{672}^2\ \Phi_{448}\ \Phi_{224}\ \Phi_{192}^2\ \Phi_{168}^2\ \Phi_{96}^2\ \Phi_{84}^2\ \Phi_{64}\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
159660	1955	768	$\frac{7}{384}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{377}{768}$	$\Phi_{768}^5\ \Phi_{256}^5\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
159661	1955	2016	$\frac{3}{112}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{109}{224}$	$\Phi_{2016}^2\ \Phi_{672}^2\ \Phi_{288}^2\ \Phi_{224}\ \Phi_{96}^2\ \Phi_{36}^2\ \Phi_{32}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
159662	1955	756	$\frac{13}{378}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{365}{756}$	$\Phi_{756}^5\ \Phi_{252}^5\ \Phi_{108}^5\ \Phi_{84}^5\ \Phi_{42}^2\ \Phi_{36}^5\ \Phi_{28}^5\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^5\ \Phi_7\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
159663	1955	3828	$\frac{2}{87}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{3828}\ \Phi_{1276}\ \Phi_{348}\ \Phi_{116}\ \Phi_{87}\ \Phi_{44}\ \Phi_{29}\ \Phi_4\ \Phi_1$
159664	1955	2772	$\frac{1}{42}$	$\frac{1}{22}$	$\frac{41}{126}$	$\frac{21}{44}$	$\Phi_{2772}^2\ \Phi_{396}^2\ \Phi_{252}^2\ \Phi_{126}\ \Phi_{63}\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_9\ \Phi_4\ \Phi_1$
159665	1955	88	$\frac{3}{88}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{21}{44}$	$\Phi_{88}^{23}\ \Phi_{44}^{22}\ \Phi_{22}^{21}\ \Phi_{11}^{21}\ \Phi_8^{23}\ \Phi_4^{21}\ \Phi_2^{20}\ \Phi_1^{21}$
159666	1955	1232	$\frac{1}{28}$	$\frac{1}{22}$	$\frac{27}{112}$	$\frac{21}{44}$	$\Phi_{1232}^2\ \Phi_{616}^2\ \Phi_{176}^2\ \Phi_{112}^3\ \Phi_{88}^2\ \Phi_{56}^3\ \Phi_{44}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
159667	1955	924	$\frac{1}{22}$	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{21}{44}$	$\Phi_{924}^4\ \Phi_{308}^4\ \Phi_{132}^4\ \Phi_{84}^4\ \Phi_{44}^5\ \Phi_{28}^4\ \Phi_{21}^4\ \Phi_{12}^4\ \Phi_7^4\ \Phi_4^5\ \Phi_3^4\ \Phi_1^5$
159668	1955	396	$\frac{1}{22}$	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{21}{44}$	$\Phi_{396}^{10}\ \Phi_{132}^8\ \Phi_{44}^9\ \Phi_{36}^{10}\ \Phi_{18}^5\ \Phi_{12}^8\ \Phi_9^5\ \Phi_6^4\ \Phi_4^9\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
159669	1955	4004	$\frac{1}{22}$	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{21}{44}$	$\Phi_{4004}\ \Phi_{572}\ \Phi_{364}\ \Phi_{91}\ \Phi_{52}\ \Phi_{44}\ \Phi_{13}\ \Phi_4\ \Phi_1$
159670	1955	2156	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{21}{44}$	$\Phi_{2156}^2\ \Phi_{196}^2\ \Phi_{98}\ \Phi_{49}\ \Phi_{44}\ \Phi_4\ \Phi_1$
159671	1955	1056	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{21}{44}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{96}^3\ \Phi_{88}^2\ \Phi_{48}^3\ \Phi_{44}\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
159672	1955	3744	$\frac{2}{117}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{117}\ \Phi_{39}\ \Phi_{32}\ \Phi_{13}\ \Phi_9\ \Phi_1$
159673	1955	5472	$\frac{1}{57}$	$\frac{1}{16}$	$\frac{56}{171}$	$\frac{15}{32}$	$\Phi_{5472}\ \Phi_{288}\ \Phi_{171}\ \Phi_{32}\ \Phi_9\ \Phi_1$
159674	1955	608	$\frac{1}{38}$	$\frac{1}{16}$	$\frac{37}{152}$	$\frac{15}{32}$	$\Phi_{608}^6\ \Phi_{152}\ \Phi_{76}\ \Phi_{32}^7\ \Phi_8\ \Phi_4\ \Phi_1$
159675	1955	1824	$\frac{2}{57}$	$\frac{1}{16}$	$\frac{11}{57}$	$\frac{15}{32}$	$\Phi_{1824}^2\ \Phi_{608}^2\ \Phi_{96}^2\ \Phi_{57}^2\ \Phi_{32}^3\ \Phi_{19}^2\ \Phi_3^2\ \Phi_1^3$
159676	1955	96	$\frac{1}{24}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{96}^{38}\ \Phi_{32}^{39}\ \Phi_{24}^5\ \Phi_{12}^5\ \Phi_8^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
159677	1955	4256	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{18}{133}$	$\frac{15}{32}$	$\Phi_{4256}\ \Phi_{224}\ \Phi_{133}\ \Phi_{32}\ \Phi_7\ \Phi_1$
159678	1955	2184	$\frac{1}{28}$	$\frac{27}{364}$	$\frac{1}{6}$	$\frac{337}{728}$	$\Phi_{2184}^2\ \Phi_{728}\ \Phi_{312}^2\ \Phi_{168}^2\ \Phi_{104}\ \Phi_{84}^2\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
159679	1955	1806	$\frac{1}{86}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1806}\ \Phi_{903}\ \Phi_{602}\ \Phi_{301}\ \Phi_{258}^2\ \Phi_{129}^2\ \Phi_{86}\ \Phi_{43}\ \Phi_{21}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
159680	1955	1376	$\frac{1}{86}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1376}^2\ \Phi_{344}^2\ \Phi_{172}^2\ \Phi_{86}\ \Phi_{43}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
159681	1955	1200	$\frac{9}{400}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}\ \Phi_{300}^2\ \Phi_{240}^2\ \Phi_{200}\ \Phi_{150}^2\ \Phi_{120}^2\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}^2\ \Phi_{60}^2\ \Phi_{50}\ \Phi_{40}\ \Phi_{30}^2\ \Phi_{25}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
159682	1955	1740	$\frac{1}{116}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1740}\ \Phi_{870}\ \Phi_{580}\ \Phi_{435}\ \Phi_{348}^2\ \Phi_{290}\ \Phi_{174}^2\ \Phi_{145}\ \Phi_{116}\ \Phi_{87}^2\ \Phi_{60}\ \Phi_{58}\ \Phi_{29}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
159683	1955	2058	$\frac{1}{49}$	$\frac{48}{343}$	$\frac{1}{6}$	$\frac{295}{686}$	$\Phi_{2058}\ \Phi_{1029}\ \Phi_{343}\ \Phi_{294}^2\ \Phi_{147}^2\ \Phi_{98}\ \Phi_{49}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
159684	1955	1720	$\frac{1}{86}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{1720}^2\ \Phi_{344}^2\ \Phi_{172}^2\ \Phi_{86}\ \Phi_{43}\ \Phi_{40}\ \Phi_8\ \Phi_4\ \Phi_1$
159685	1955	672	$\frac{1}{56}$	$\frac{55}{336}$	$\frac{1}{6}$	$\frac{281}{672}$	$\Phi_{672}^5\ \Phi_{224}^5\ \Phi_{168}^2\ \Phi_{96}^5\ \Phi_{84}^2\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{32}^5\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
159686	1955	696	$\frac{1}{116}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{696}^4\ \Phi_{348}^2\ \Phi_{232}^4\ \Phi_{174}^2\ \Phi_{116}\ \Phi_{87}^2\ \Phi_{58}\ \Phi_{29}\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
159687	1955	3144	$\frac{2}{393}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{3144}\ \Phi_{1048}\ \Phi_{393}\ \Phi_{131}\ \Phi_8\ \Phi_1$
159688	1955	4680	$\frac{1}{195}$	$\frac{1}{4}$	$\frac{194}{585}$	$\frac{3}{8}$	$\Phi_{4680}\ \Phi_{936}\ \Phi_{585}\ \Phi_{360}\ \Phi_{117}\ \Phi_{72}\ \Phi_{45}\ \Phi_9\ \Phi_8\ \Phi_1$
159689	1955	520	$\frac{1}{130}$	$\frac{129}{520}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{520}^3\ \Phi_{260}^5\ \Phi_{130}^4\ \Phi_{104}^3\ \Phi_{65}^4\ \Phi_{52}^5\ \Phi_{40}^3\ \Phi_{26}^4\ \Phi_{20}^5\ \Phi_{13}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
159690	1955	3160	$\frac{4}{395}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3160}\ \Phi_{632}\ \Phi_{395}\ \Phi_{79}\ \Phi_8\ \Phi_1$
159691	1955	792	$\frac{5}{396}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{792}^4\ \Phi_{396}\ \Phi_{264}^4\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}^4\ \Phi_{72}^4\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}^2\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_8^3\ \Phi_4\ \Phi_1$
159692	1955	936	$\frac{1}{78}$	$\frac{77}{468}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{936}^4\ \Phi_{468}\ \Phi_{312}^2\ \Phi_{234}\ \Phi_{156}\ \Phi_{117}\ \Phi_{104}^2\ \Phi_{72}^4\ \Phi_{52}\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8^3\ \Phi_4\ \Phi_1$
159693	1955	3640	$\frac{1}{65}$	$\frac{64}{455}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{455}\ \Phi_{280}\ \Phi_{91}\ \Phi_{56}\ \Phi_{35}\ \Phi_8\ \Phi_7\ \Phi_1$
159694	1955	400	$\frac{9}{400}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{400}^5\ \Phi_{200}^5\ \Phi_{100}^5\ \Phi_{80}^5\ \Phi_{50}^5\ \Phi_{40}^3\ \Phi_{25}^5\ \Phi_{20}^5\ \Phi_{16}^5\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
159695	1955	3432	$\frac{1}{39}$	$\frac{38}{429}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{429}\ \Phi_{264}\ \Phi_{143}\ \Phi_{88}\ \Phi_{33}\ \Phi_{11}\ \Phi_8\ \Phi_1$
159696	1955	3224	$\frac{12}{403}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3224}\ \Phi_{403}\ \Phi_{248}\ \Phi_{31}\ \Phi_8\ \Phi_1$
159697	1955	840	$\frac{1}{30}$	$\frac{29}{420}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^4\ \Phi_{420}\ \Phi_{280}^4\ \Phi_{210}\ \Phi_{168}^4\ \Phi_{140}\ \Phi_{120}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}^4\ \Phi_{42}\ \Phi_{40}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$
159698	1955	3240	$\frac{14}{405}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{405}\ \Phi_{360}\ \Phi_{216}\ \Phi_{135}\ \Phi_{81}\ \Phi_{72}\ \Phi_{45}\ \Phi_{27}\ \Phi_9\ \Phi_8\ \Phi_1$
159699	1955	416	$\frac{1}{26}$	$\frac{25}{416}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{416}^5\ \Phi_{208}^5\ \Phi_{104}^3\ \Phi_{52}^5\ \Phi_{32}^5\ \Phi_{26}^4\ \Phi_{16}^5\ \Phi_{13}^4\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
159700	1955	1560	$\frac{8}{195}$	$\frac{11}{195}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1560}^2\ \Phi_{520}^2\ \Phi_{312}^2\ \Phi_{195}^2\ \Phi_{120}^2\ \Phi_{104}^2\ \Phi_{65}^2\ \Phi_{40}^2\ \Phi_{39}^2\ \Phi_{24}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_8^3\ \Phi_5^2\ \Phi_3^2\ \Phi_1^3$
159701	1955	72	$\frac{1}{24}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{72}^{28}\ \Phi_{36}^{30}\ \Phi_{24}^{23}\ \Phi_{18}^{29}\ \Phi_{12}^{25}\ \Phi_9^{29}\ \Phi_8^{24}\ \Phi_6^{24}\ \Phi_4^{25}\ \Phi_3^{24}\ \Phi_2^{24}\ \Phi_1^{25}$
159702	1955	1548	$\frac{1}{86}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1548}^2\ \Phi_{516}^2\ \Phi_{258}^2\ \Phi_{172}^2\ \Phi_{129}^2\ \Phi_{86}\ \Phi_{43}\ \Phi_{36}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
159703	1955	522	$\frac{1}{29}$	$\frac{1}{18}$	$\frac{28}{87}$	$\frac{59}{174}$	$\Phi_{522}^4\ \Phi_{261}^4\ \Phi_{174}^3\ \Phi_{87}^4\ \Phi_{58}^3\ \Phi_{29}^3\ \Phi_{18}^3\ \Phi_9^3\ \Phi_6^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
159704	1955	588	$\frac{1}{98}$	$\frac{1}{6}$	$\frac{97}{294}$	$\frac{197}{588}$	$\Phi_{588}^5\ \Phi_{294}^2\ \Phi_{196}^5\ \Phi_{147}^2\ \Phi_{98}\ \Phi_{84}^5\ \Phi_{49}\ \Phi_{42}^2\ \Phi_{28}^5\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^5\ \Phi_7\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
159705	1955	957	$\frac{2}{87}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{957}^2\ \Phi_{319}^2\ \Phi_{87}^3\ \Phi_{33}\ \Phi_{29}^3\ \Phi_3\ \Phi_1$
159706	1955	936	$\frac{2}{117}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{936}^2\ \Phi_{468}^2\ \Phi_{312}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{117}^3\ \Phi_{104}^2\ \Phi_{78}^2\ \Phi_{72}^2\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{36}^2\ \Phi_{26}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{13}^3\ \Phi_{12}\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
159707	1955	2340	$\frac{2}{117}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{130}\ \Phi_{117}\ \Phi_{90}\ \Phi_{65}\ \Phi_{45}\ \Phi_{39}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
159708	1955	1368	$\frac{1}{57}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{56}{171}$	$\Phi_{1368}^2\ \Phi_{684}^2\ \Phi_{342}^2\ \Phi_{171}^3\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
159709	1955	3420	$\frac{1}{57}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{56}{171}$	$\Phi_{3420}\ \Phi_{1710}\ \Phi_{855}\ \Phi_{180}\ \Phi_{171}\ \Phi_{90}\ \Phi_{45}\ \Phi_{20}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
159710	1955	504	$\frac{1}{56}$	$\frac{1}{6}$	$\frac{113}{504}$	$\frac{55}{168}$	$\Phi_{504}^5\ \Phi_{252}^5\ \Phi_{168}^2\ \Phi_{126}^5\ \Phi_{84}^2\ \Phi_{72}^5\ \Phi_{63}^5\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{36}^5\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{18}^5\ \Phi_{14}\ \Phi_{12}^2\ \Phi_9^5\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
159711	1955	1386	$\frac{1}{42}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{41}{126}$	$\Phi_{1386}^2\ \Phi_{693}^2\ \Phi_{198}^2\ \Phi_{126}^3\ \Phi_{99}^2\ \Phi_{63}^3\ \Phi_{33}\ \Phi_{18}^3\ \Phi_9^3\ \Phi_3\ \Phi_1$
159712	1955	576	$\frac{7}{192}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{185}{576}$	$\Phi_{576}^5\ \Phi_{288}^5\ \Phi_{144}^5\ \Phi_{72}^5\ \Phi_{36}^5\ \Phi_{24}^2\ \Phi_{18}^5\ \Phi_{12}^2\ \Phi_9^5\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
159713	1955	504	$\frac{3}{56}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{53}{168}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^3\ \Phi_{126}^4\ \Phi_{84}^3\ \Phi_{72}^4\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{42}^3\ \Phi_{36}^6\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{18}^5\ \Phi_{14}^4\ \Phi_{12}^5\ \Phi_9^5\ \Phi_8^4\ \Phi_7^4\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
159714	1955	420	$\frac{29}{420}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{42}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^5\ \Phi_{105}^5\ \Phi_{84}^5\ \Phi_{70}^5\ \Phi_{60}^5\ \Phi_{42}^2\ \Phi_{35}^5\ \Phi_{30}^5\ \Phi_{28}^5\ \Phi_{21}^2\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{14}\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_7\ \Phi_6\ \Phi_5^5\ \Phi_4^5\ \Phi_3\ \Phi_1$
159715	1955	264	$\frac{3}{88}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{10}{33}$	$\Phi_{264}^{11}\ \Phi_{132}^{10}\ \Phi_{88}\ \Phi_{66}^{10}\ \Phi_{44}\ \Phi_{33}^{11}\ \Phi_{24}^{11}\ \Phi_{22}\ \Phi_{12}^{10}\ \Phi_{11}\ \Phi_8\ \Phi_6^{10}\ \Phi_3^{11}\ \Phi_1$
159716	1955	3696	$\frac{1}{28}$	$\frac{1}{11}$	$\frac{27}{112}$	$\frac{10}{33}$	$\Phi_{3696}\ \Phi_{1848}\ \Phi_{528}\ \Phi_{336}\ \Phi_{264}\ \Phi_{168}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_3\ \Phi_1$
159717	1955	231	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{4}{21}$	$\frac{10}{33}$	$\Phi_{231}^8\ \Phi_{77}^8\ \Phi_{33}^9\ \Phi_{21}^{12}\ \Phi_{11}^8\ \Phi_7^{12}\ \Phi_3^{13}\ \Phi_1^{13}$
159718	1955	198	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{10}{33}$	$\Phi_{198}^{10}\ \Phi_{99}^{10}\ \Phi_{66}^8\ \Phi_{33}^9\ \Phi_{22}^8\ \Phi_{18}^{15}\ \Phi_{11}^8\ \Phi_9^{15}\ \Phi_6^{12}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
159719	1955	3003	$\frac{6}{91}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{10}{33}$	$\Phi_{3003}\ \Phi_{429}\ \Phi_{273}\ \Phi_{91}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}\ \Phi_3\ \Phi_1$
159720	1955	3234	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{98}$	$\frac{10}{33}$	$\Phi_{3234}\ \Phi_{1617}\ \Phi_{294}\ \Phi_{147}\ \Phi_{98}\ \Phi_{49}\ \Phi_{33}\ \Phi_3\ \Phi_1$
159721	1955	1056	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{96}$	$\frac{10}{33}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{96}^3\ \Phi_{88}^2\ \Phi_{48}^3\ \Phi_{33}\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_3\ \Phi_1$
159722	1955	456	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{37}{152}$	$\frac{7}{24}$	$\Phi_{456}^6\ \Phi_{228}^6\ \Phi_{152}\ \Phi_{114}^6\ \Phi_{76}\ \Phi_{57}^6\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_8\ \Phi_6^7\ \Phi_4\ \Phi_3^7\ \Phi_1$
159723	1955	456	$\frac{2}{57}$	$\frac{1}{8}$	$\frac{11}{57}$	$\frac{7}{24}$	$\Phi_{456}^4\ \Phi_{228}^4\ \Phi_{152}^4\ \Phi_{114}^4\ \Phi_{76}^4\ \Phi_{57}^6\ \Phi_{38}^4\ \Phi_{24}^5\ \Phi_{19}^6\ \Phi_{12}^5\ \Phi_8^4\ \Phi_6^5\ \Phi_4^4\ \Phi_3^7\ \Phi_2^4\ \Phi_1^7$
159724	1955	24	$\frac{1}{24}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{24}$	$\Phi_{24}^{82}\ \Phi_{12}^{82}\ \Phi_8^{81}\ \Phi_6^{81}\ \Phi_4^{81}\ \Phi_3^{81}\ \Phi_2^{80}\ \Phi_1^{81}$
159725	1955	3192	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{18}{133}$	$\frac{7}{24}$	$\Phi_{3192}\ \Phi_{1596}\ \Phi_{798}\ \Phi_{399}\ \Phi_{168}\ \Phi_{133}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
159726	1955	760	$\frac{1}{38}$	$\frac{3}{20}$	$\frac{37}{152}$	$\frac{1}{4}$	$\Phi_{760}^4\ \Phi_{380}^2\ \Phi_{190}^2\ \Phi_{152}\ \Phi_{95}^2\ \Phi_{76}\ \Phi_{40}^4\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8\ \Phi_5^3\ \Phi_4\ \Phi_1$
159727	1955	1140	$\frac{2}{57}$	$\frac{3}{20}$	$\frac{11}{57}$	$\frac{1}{4}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{60}^2\ \Phi_{57}^2\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{19}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_3^2\ \Phi_1^3$
159728	1955	1152	$\frac{1}{18}$	$\frac{13}{128}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{1152}^2\ \Phi_{576}^2\ \Phi_{384}^2\ \Phi_{288}^2\ \Phi_{192}^2\ \Phi_{128}\ \Phi_{96}^2\ \Phi_{64}\ \Phi_{36}^2\ \Phi_{32}\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
159729	1955	252	$\frac{1}{18}$	$\frac{3}{28}$	$\frac{5}{28}$	$\frac{1}{4}$	$\Phi_{252}^8\ \Phi_{126}^8\ \Phi_{84}^8\ \Phi_{63}^8\ \Phi_{42}^8\ \Phi_{36}^{10}\ \Phi_{28}^4\ \Phi_{21}^8\ \Phi_{18}^9\ \Phi_{14}^4\ \Phi_{12}^{10}\ \Phi_9^9\ \Phi_7^4\ \Phi_6^9\ \Phi_4^5\ \Phi_3^9\ \Phi_2^4\ \Phi_1^5$
159730	1955	120	$\frac{1}{24}$	$\frac{3}{20}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{120}^{20}\ \Phi_{60}^{18}\ \Phi_{40}^{20}\ \Phi_{30}^{18}\ \Phi_{24}^5\ \Phi_{20}^{19}\ \Phi_{15}^{18}\ \Phi_{12}^5\ \Phi_{10}^{19}\ \Phi_8^5\ \Phi_6^4\ \Phi_5^{19}\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
159731	1955	2660	$\frac{1}{19}$	$\frac{18}{133}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{665}\ \Phi_{140}\ \Phi_{133}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_1$
159732	1955	1536	$\frac{7}{128}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{121}{512}$	$\Phi_{1536}^2\ \Phi_{768}^2\ \Phi_{512}\ \Phi_{256}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
159733	1955	504	$\frac{1}{14}$	$\frac{13}{126}$	$\frac{1}{6}$	$\frac{113}{504}$	$\Phi_{504}^5\ \Phi_{252}^5\ \Phi_{168}^5\ \Phi_{84}^5\ \Phi_{72}^5\ \Phi_{56}^5\ \Phi_{42}^2\ \Phi_{36}^5\ \Phi_{28}^5\ \Phi_{24}^5\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^5\ \Phi_8^5\ \Phi_7\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
159734	1955	1248	$\frac{25}{416}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{32}$	$\Phi_{1248}^2\ \Phi_{624}^2\ \Phi_{416}\ \Phi_{312}^2\ \Phi_{208}\ \Phi_{156}^2\ \Phi_{104}\ \Phi_{78}^2\ \Phi_{52}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{24}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
159735	1955	480	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{89}{480}$	$\Phi_{480}^5\ \Phi_{240}^5\ \Phi_{160}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{60}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}^2\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}^2\ \Phi_{10}^5\ \Phi_8\ \Phi_6\ \Phi_5^5\ \Phi_4\ \Phi_3\ \Phi_1$
159736	1955	420	$\frac{29}{420}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{6}{35}$	$\Phi_{420}^5\ \Phi_{210}^4\ \Phi_{140}^5\ \Phi_{105}^4\ \Phi_{84}^5\ \Phi_{70}^4\ \Phi_{60}^5\ \Phi_{42}^5\ \Phi_{35}^5\ \Phi_{30}^4\ \Phi_{28}^5\ \Phi_{21}^5\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{14}^5\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_7^5\ \Phi_6^4\ \Phi_5^5\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
159737	1955	462	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{462}$	$\frac{1}{6}$	$\Phi_{462}^4\ \Phi_{231}^4\ \Phi_{154}^4\ \Phi_{77}^5\ \Phi_{66}^4\ \Phi_{42}^5\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_{11}^5\ \Phi_7^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
159738	1955	432	$\frac{41}{432}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{6}$	$\Phi_{432}^5\ \Phi_{216}^5\ \Phi_{144}^5\ \Phi_{108}^5\ \Phi_{72}^5\ \Phi_{54}^5\ \Phi_{36}^5\ \Phi_{27}^5\ \Phi_{24}^2\ \Phi_{18}^5\ \Phi_{12}^2\ \Phi_9^5\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
159739	1955	1344	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{448}$	$\frac{1}{6}$	$\Phi_{1344}^2\ \Phi_{672}^2\ \Phi_{448}\ \Phi_{336}^2\ \Phi_{224}\ \Phi_{168}^2\ \Phi_{112}\ \Phi_{84}^2\ \Phi_{56}\ \Phi_{42}^2\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}^2\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
159740	1956	2928	$\frac{1}{488}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{487}{976}$	$\Phi_{2928}\ \Phi_{976}^2\ \Phi_{48}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
159741	1956	782	$\frac{1}{391}$	$\frac{98}{391}$	$\frac{293}{782}$	$\frac{195}{391}$	$\Phi_{782}^4\ \Phi_{391}\ \Phi_{46}^4\ \Phi_{34}^4\ \Phi_{23}\ \Phi_{17}\ \Phi_2^4\ \Phi_1^2$
159742	1956	325	$\frac{1}{325}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{162}{325}$	$\Phi_{325}^6\ \Phi_{65}^6\ \Phi_{25}^6\ \Phi_{13}^6\ \Phi_5^7\ \Phi_1^8$
159743	1956	3900	$\frac{1}{325}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{162}{325}$	$\Phi_{3900}\ \Phi_{1950}\ \Phi_{780}\ \Phi_{390}\ \Phi_{300}\ \Phi_{156}\ \Phi_{150}\ \Phi_{78}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
159744	1956	1955	$\frac{7}{1955}$	$\frac{327}{1955}$	$\frac{814}{1955}$	$\frac{974}{1955}$	$\Phi_{1955}\ \Phi_{391}\ \Phi_{115}\ \Phi_{85}\ \Phi_{23}\ \Phi_{17}\ \Phi_5\ \Phi_1^2$
159745	1956	2612	$\frac{3}{653}$	$\frac{1}{4}$	$\frac{164}{653}$	$\frac{325}{653}$	$\Phi_{2612}\ \Phi_{1306}$
159746	1956	1955	$\frac{9}{1955}$	$\frac{488}{1955}$	$\frac{491}{1955}$	$\frac{973}{1955}$	$\Phi_{1955}\ \Phi_{391}\ \Phi_{115}\ \Phi_{85}\ \Phi_{23}\ \Phi_{17}\ \Phi_5\ \Phi_1^2$
159747	1956	2937	$\frac{5}{979}$	$\frac{164}{979}$	$\frac{1}{3}$	$\frac{487}{979}$	$\Phi_{2937}\ \Phi_{267}\ \Phi_{33}$
159748	1956	3564	$\frac{1}{162}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{161}{324}$	$\Phi_{3564}\ \Phi_{1188}\ \Phi_{396}\ \Phi_{324}^2\ \Phi_{132}\ \Phi_{108}^2\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
159749	1956	2268	$\frac{1}{162}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{161}{324}$	$\Phi_{2268}^2\ \Phi_{756}^2\ \Phi_{252}^2\ \Phi_{84}^2\ \Phi_{28}^2\ \Phi_{21}$
159750	1956	3564	$\frac{1}{162}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{161}{324}$	$\Phi_{3564}\ \Phi_{1188}\ \Phi_{396}\ \Phi_{324}^2\ \Phi_{132}\ \Phi_{108}^2\ \Phi_{44}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_1^2$
159751	1956	1620	$\frac{1}{162}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{161}{324}$	$\Phi_{1620}\ \Phi_{810}^2\ \Phi_{540}\ \Phi_{405}^2\ \Phi_{270}^2\ \Phi_{180}\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_5^2$
159752	1956	970	$\frac{4}{485}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{481}{970}$	$\Phi_{970}^4\ \Phi_{194}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
159753	1956	920	$\frac{1}{115}$	$\frac{29}{460}$	$\frac{431}{920}$	$\frac{57}{115}$	$\Phi_{920}^4\ \Phi_{184}^4\ \Phi_{115}\ \Phi_{40}^4\ \Phi_{23}\ \Phi_8^4\ \Phi_5\ \Phi_1^2$
159754	1956	230	$\frac{1}{115}$	$\frac{29}{230}$	$\frac{67}{230}$	$\frac{57}{115}$	$\Phi_{230}^8\ \Phi_{115}^9\ \Phi_{46}^8\ \Phi_{23}^9\ \Phi_{10}^8\ \Phi_5^9\ \Phi_2^8\ \Phi_1^{10}$
159755	1956	575	$\frac{1}{115}$	$\frac{86}{575}$	$\frac{29}{115}$	$\frac{57}{115}$	$\Phi_{575}^4\ \Phi_{115}\ \Phi_{25}^4\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
159756	1956	1526	$\frac{1}{109}$	$\frac{1}{7}$	$\frac{55}{218}$	$\frac{54}{109}$	$\Phi_{1526}^2\ \Phi_{763}\ \Phi_{14}^2$
159757	1956	323	$\frac{3}{323}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{160}{323}$	$\Phi_{323}^6\ \Phi_{19}^6\ \Phi_{17}^7\ \Phi_1^8$
159758	1956	323	$\frac{3}{323}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{160}{323}$	$\Phi_{323}^6\ \Phi_{19}^6\ \Phi_{17}^7\ \Phi_1^8$
159759	1956	980	$\frac{1}{98}$	$\frac{33}{196}$	$\frac{1}{5}$	$\frac{97}{196}$	$\Phi_{980}^2\ \Phi_{490}^3\ \Phi_{245}^3\ \Phi_{140}^2\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{20}^2\ \Phi_{10}^3\ \Phi_5^2$
159760	1956	2904	$\frac{5}{484}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{479}{968}$	$\Phi_{2904}^2\ \Phi_{264}^2\ \Phi_{33}\ \Phi_{24}^2$
159761	1956	534	$\frac{1}{89}$	$\frac{15}{178}$	$\frac{1}{3}$	$\frac{44}{89}$	$\Phi_{534}^6\ \Phi_{267}^5\ \Phi_6^6\ \Phi_3^4$
159762	1956	935	$\frac{1}{85}$	$\frac{43}{935}$	$\frac{446}{935}$	$\frac{42}{85}$	$\Phi_{935}^2\ \Phi_{187}^2\ \Phi_{85}^3\ \Phi_{55}^2\ \Phi_{17}^3\ \Phi_{11}^2\ \Phi_5^3\ \Phi_1^4$
159763	1956	322	$\frac{2}{161}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{159}{322}$	$\Phi_{322}^{12}\ \Phi_{46}^{12}\ \Phi_{23}\ \Phi_{14}^{12}\ \Phi_2^{12}\ \Phi_1^2$
159764	1956	322	$\frac{2}{161}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{159}{322}$	$\Phi_{322}^{12}\ \Phi_{46}^{12}\ \Phi_{23}\ \Phi_{14}^{12}\ \Phi_2^{12}\ \Phi_1^2$
159765	1956	1610	$\frac{2}{161}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{159}{322}$	$\Phi_{1610}^3\ \Phi_{230}^3\ \Phi_{70}^3\ \Phi_{35}\ \Phi_{10}^3$
159766	1956	560	$\frac{1}{70}$	$\frac{71}{560}$	$\frac{1}{5}$	$\frac{69}{140}$	$\Phi_{560}^4\ \Phi_{280}^4\ \Phi_{112}^4\ \Phi_{80}^4\ \Phi_{70}^4\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{35}^4\ \Phi_{16}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_7^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
159767	1956	1925	$\frac{31}{1925}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{947}{1925}$	$\Phi_{1925}\ \Phi_{385}\ \Phi_{275}\ \Phi_{175}\ \Phi_{77}\ \Phi_{55}\ \Phi_{35}^2\ \Phi_{25}\ \Phi_{11}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
159768	1956	4160	$\frac{3}{160}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{157}{320}$	$\Phi_{4160}\ \Phi_{832}\ \Phi_{52}\ \Phi_{26}$
159769	1956	320	$\frac{3}{160}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{157}{320}$	$\Phi_{320}^{12}\ \Phi_{64}^{12}\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
159770	1956	952	$\frac{13}{476}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{463}{952}$	$\Phi_{952}^4\ \Phi_{136}^4\ \Phi_{56}^4\ \Phi_{17}^3\ \Phi_8^4\ \Phi_1^4$
159771	1956	4760	$\frac{13}{476}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{463}{952}$	$\Phi_{4760}\ \Phi_{680}\ \Phi_{280}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{10}$
159772	1956	315	$\frac{11}{315}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{152}{315}$	$\Phi_{315}^6\ \Phi_{105}^6\ \Phi_{63}^6\ \Phi_{45}^6\ \Phi_{35}^8\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_9^6\ \Phi_7^8\ \Phi_5^7\ \Phi_3^6\ \Phi_1^8$
159773	1956	170	$\frac{3}{85}$	$\frac{7}{170}$	$\frac{22}{85}$	$\frac{41}{85}$	$\Phi_{170}^{12}\ \Phi_{85}^{11}\ \Phi_{34}^{12}\ \Phi_{17}^{11}\ \Phi_{10}^{12}\ \Phi_5^{11}\ \Phi_2^{12}\ \Phi_1^{12}$
159774	1956	483	$\frac{4}{161}$	$\frac{1}{23}$	$\frac{157}{483}$	$\frac{11}{23}$	$\Phi_{483}^6\ \Phi_{69}^6\ \Phi_{23}\ \Phi_{21}^6\ \Phi_3^6\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
159775	1956	506	$\frac{17}{506}$	$\frac{1}{23}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{506}^{4}\ \Phi_{253}^{4}\ \Phi_{46}^{4}\ \Phi_{23}\ \Phi_{22}^{4}\ \Phi_{11}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
159776	1956	644	$\frac{6}{161}$	$\frac{1}{23}$	$\frac{155}{644}$	$\frac{11}{23}$	$\Phi_{644}^{4}\ \Phi_{322}^{4}\ \Phi_{92}^{4}\ \Phi_{46}^{4}\ \Phi_{28}^{4}\ \Phi_{23}\ \Phi_{14}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
159777	1956	345	$\frac{1}{23}$	$\frac{19}{345}$	$\frac{4}{23}$	$\frac{11}{23}$	$\Phi_{345}^{6}\ \Phi_{115}^{6}\ \Phi_{69}^{6}\ \Phi_{23}\ \Phi_{15}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
159778	1956	1127	$\frac{1}{23}$	$\frac{12}{161}$	$\frac{149}{1127}$	$\frac{11}{23}$	$\Phi_{1127}^{2}\ \Phi_{49}^{2}\ \Phi_{23}\ \Phi_{1}^{2}$
159779	1956	184	$\frac{1}{23}$	$\frac{2}{23}$	$\frac{21}{184}$	$\frac{11}{23}$	$\Phi_{184}^{12}\ \Phi_{92}^{12}\ \Phi_{46}^{12}\ \Phi_{23}\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{2}$
159780	1956	646	$\frac{9}{323}$	$\frac{1}{17}$	$\frac{157}{646}$	$\frac{8}{17}$	$\Phi_{646}^{4}\ \Phi_{323}^{2}\ \Phi_{38}^{4}\ \Phi_{34}^{4}\ \Phi_{19}^{2}\ \Phi_{17}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
159781	1956	170	$\frac{7}{170}$	$\frac{1}{17}$	$\frac{3}{17}$	$\frac{8}{17}$	$\Phi_{170}^{12}\ \Phi_{85}^{12}\ \Phi_{34}^{12}\ \Phi_{17}^{7}\ \Phi_{10}^{12}\ \Phi_{5}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{8}$
159782	1956	920	$\frac{3}{115}$	$\frac{29}{460}$	$\frac{28}{115}$	$\frac{431}{920}$	$\Phi_{920}^{4}\ \Phi_{184}^{4}\ \Phi_{115}\ \Phi_{40}^{4}\ \Phi_{23}\ \Phi_{8}^{4}\ \Phi_{5}\ \Phi_{1}^{2}$
159783	1956	840	$\frac{5}{168}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{280}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{2}\ \Phi_{120}^{3}\ \Phi_{105}^{3}\ \Phi_{70}^{3}\ \Phi_{60}^{3}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
159784	1956	910	$\frac{1}{35}$	$\frac{34}{455}$	$\frac{1}{5}$	$\frac{421}{910}$	$\Phi_{910}^{4}\ \Phi_{182}^{4}\ \Phi_{130}^{4}\ \Phi_{70}^{4}\ \Phi_{35}^{4}\ \Phi_{26}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
159785	1956	165	$\frac{2}{165}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{165}^{12}\ \Phi_{55}^{12}\ \Phi_{33}^{11}\ \Phi_{15}^{12}\ \Phi_{11}^{12}\ \Phi_{5}^{12}\ \Phi_{3}^{10}\ \Phi_{1}^{12}$
159786	1956	2673	$\frac{1}{81}$	$\frac{1}{11}$	$\frac{80}{243}$	$\frac{5}{11}$	$\Phi_{2673}\ \Phi_{243}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
159787	1956	2376	$\frac{1}{54}$	$\frac{1}{11}$	$\frac{53}{216}$	$\frac{5}{11}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{216}^{2}\ \Phi_{132}\ \Phi_{108}^{2}\ \Phi_{88}\ \Phi_{72}^{2}\ \Phi_{44}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
159788	1956	1848	$\frac{5}{168}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}^{2}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}^{2}\ \Phi_{77}\ \Phi_{56}^{2}\ \Phi_{44}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
159789	1956	2079	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{26}{189}$	$\frac{5}{11}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{231}\ \Phi_{189}^{2}\ \Phi_{77}\ \Phi_{63}^{2}\ \Phi_{21}^{2}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
159790	1956	1881	$\frac{8}{171}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{5}{11}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{209}\ \Phi_{171}^{2}\ \Phi_{57}^{2}\ \Phi_{19}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
159791	1956	1980	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{17}{180}$	$\frac{5}{11}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}^{2}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{55}\ \Phi_{45}^{2}\ \Phi_{44}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
159792	1956	595	$\frac{1}{85}$	$\frac{57}{595}$	$\frac{28}{85}$	$\frac{269}{595}$	$\Phi_{595}^{3}\ \Phi_{119}^{3}\ \Phi_{85}^{5}\ \Phi_{35}^{3}\ \Phi_{17}^{5}\ \Phi_{7}^{3}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
159793	1956	2670	$\frac{1}{89}$	$\frac{44}{445}$	$\frac{1}{3}$	$\frac{401}{890}$	$\Phi_{2670}^{2}\ \Phi_{534}^{2}\ \Phi_{267}\ \Phi_{30}^{2}\ \Phi_{6}^{2}$
159794	1956	500	$\frac{11}{500}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{500}^{4}\ \Phi_{250}^{4}\ \Phi_{125}^{4}\ \Phi_{100}^{4}\ \Phi_{50}^{4}\ \Phi_{25}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
159795	1956	1470	$\frac{1}{49}$	$\frac{16}{147}$	$\frac{1}{5}$	$\frac{131}{294}$	$\Phi_{1470}^{3}\ \Phi_{490}^{3}\ \Phi_{245}\ \Phi_{210}^{3}\ \Phi_{70}^{3}\ \Phi_{35}\ \Phi_{30}^{3}\ \Phi_{10}^{3}$
159796	1956	680	$\frac{1}{85}$	$\frac{21}{170}$	$\frac{191}{680}$	$\frac{149}{340}$	$\Phi_{680}^{4}\ \Phi_{170}^{4}\ \Phi_{136}^{4}\ \Phi_{85}^{3}\ \Phi_{40}^{4}\ \Phi_{34}^{4}\ \Phi_{17}^{3}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
159797	1956	170	$\frac{7}{170}$	$\frac{8}{85}$	$\frac{11}{85}$	$\frac{37}{85}$	$\Phi_{170}^{12}\ \Phi_{85}^{11}\ \Phi_{34}^{12}\ \Phi_{17}^{11}\ \Phi_{10}^{12}\ \Phi_{5}^{11}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
159798	1956	575	$\frac{1}{115}$	$\frac{77}{575}$	$\frac{38}{115}$	$\frac{249}{575}$	$\Phi_{575}^{3}\ \Phi_{115}^{5}\ \Phi_{25}^{3}\ \Phi_{23}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
159799	1956	1715	$\frac{4}{245}$	$\frac{241}{1715}$	$\frac{1}{5}$	$\frac{737}{1715}$	$\Phi_{1715}\ \Phi_{343}\ \Phi_{245}^{2}\ \Phi_{49}^{2}\ \Phi_{35}^{2}\ \Phi_{7}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
159800	1956	850	$\frac{1}{85}$	$\frac{64}{425}$	$\frac{21}{85}$	$\frac{361}{850}$	$\Phi_{850}^{4}\ \Phi_{170}^{4}\ \Phi_{85}^{3}\ \Phi_{50}^{4}\ \Phi_{34}^{4}\ \Phi_{17}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
159801	1956	280	$\frac{1}{70}$	$\frac{23}{140}$	$\frac{1}{5}$	$\frac{117}{280}$	$\Phi_{280}^{12}\ \Phi_{70}^{4}\ \Phi_{56}^{12}\ \Phi_{40}^{12}\ \Phi_{35}^{4}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{12}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
159802	1956	230	$\frac{1}{115}$	$\frac{19}{115}$	$\frac{67}{230}$	$\frac{48}{115}$	$\Phi_{230}^{12}\ \Phi_{115}^{5}\ \Phi_{46}^{12}\ \Phi_{23}^{5}\ \Phi_{10}^{12}\ \Phi_{5}^{5}\ \Phi_{2}^{12}\ \Phi_{1}^{6}$
159803	1956	493	$\frac{4}{493}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{493}^{4}\ \Phi_{29}^{4}\ \Phi_{17}^{3}\ \Phi_{1}^{4}$
159804	1956	2460	$\frac{1}{164}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{615}\ \Phi_{492}^{2}\ \Phi_{246}^{2}\ \Phi_{123}^{2}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
159805	1956	650	$\frac{3}{325}$	$\frac{1}{5}$	$\frac{161}{650}$	$\frac{2}{5}$	$\Phi_{650}^{4}\ \Phi_{325}^{2}\ \Phi_{130}^{4}\ \Phi_{65}^{2}\ \Phi_{50}^{4}\ \Phi_{26}^{4}\ \Phi_{25}^{2}\ \Phi_{13}^{2}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
159806	1956	165	$\frac{2}{165}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{165}^{12}\ \Phi_{55}^{12}\ \Phi_{33}^{12}\ \Phi_{15}^{12}\ \Phi_{11}^{12}\ \Phi_{5}^{7}\ \Phi_{3}^{12}\ \Phi_{1}^{8}$
159807	1956	195	$\frac{1}{65}$	$\frac{32}{195}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{195}^{12}\ \Phi_{65}^{6}\ \Phi_{39}^{12}\ \Phi_{15}^{12}\ \Phi_{13}^{6}\ \Phi_{5}^{7}\ \Phi_{3}^{12}\ \Phi_{1}^{8}$
159808	1956	500	$\frac{11}{500}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{500}^{4}\ \Phi_{250}^{4}\ \Phi_{125}^{4}\ \Phi_{100}^{4}\ \Phi_{50}^{4}\ \Phi_{25}^{2}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
159809	1956	845	$\frac{6}{169}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{845}^{2}\ \Phi_{169}^{4}\ \Phi_{65}\ \Phi_{13}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
159810	1956	175	$\frac{1}{25}$	$\frac{12}{175}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{175}^{12}\ \Phi_{35}^{12}\ \Phi_{25}^{6}\ \Phi_{7}^{12}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
159811	1956	520	$\frac{3}{65}$	$\frac{31}{520}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{520}^4\ \Phi_{260}^4\ \Phi_{130}^4\ \Phi_{104}^4\ \Phi_{65}^2\ \Phi_{52}^4\ \Phi_{40}^4\ \Phi_{26}^4\ \Phi_{20}^4\ \Phi_{13}^2\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
159812	1956	2132	$\frac{1}{164}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{2132}\ \Phi_{1066}\ \Phi_{533}\ \Phi_{52}\ \Phi_{26}$
159813	1956	170	$\frac{7}{170}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{13}{34}$	$\Phi_{170}^{12}\ \Phi_{85}^{12}\ \Phi_{34}^8\ \Phi_{17}^{11}\ \Phi_{10}^{12}\ \Phi_5^{12}\ \Phi_2^8\ \Phi_1^{12}$
159814	1956	3920	$\frac{1}{98}$	$\frac{1}{5}$	$\frac{97}{392}$	$\frac{295}{784}$	$\Phi_{3920}\ \Phi_{560}\ \Phi_{490}\ \Phi_{245}\ \Phi_{80}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
159815	1956	2184	$\frac{5}{168}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{312}\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}\ \Phi_{91}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
159816	1956	782	$\frac{3}{391}$	$\frac{97}{391}$	$\frac{98}{391}$	$\frac{293}{782}$	$\Phi_{782}^4\ \Phi_{391}\ \Phi_{46}^4\ \Phi_{34}^4\ \Phi_{23}\ \Phi_{17}\ \Phi_2^4\ \Phi_1^2$
159817	1956	255	$\frac{1}{85}$	$\frac{14}{85}$	$\frac{71}{255}$	$\frac{92}{255}$	$\Phi_{255}^6\ \Phi_{85}^{11}\ \Phi_{51}^6\ \Phi_{17}^{11}\ \Phi_{15}^6\ \Phi_5^{11}\ \Phi_3^6\ \Phi_1^{12}$
159818	1956	170	$\frac{7}{170}$	$\frac{4}{85}$	$\frac{27}{85}$	$\frac{29}{85}$	$\Phi_{170}^{12}\ \Phi_{85}^{11}\ \Phi_{34}^{12}\ \Phi_{17}^{11}\ \Phi_{10}^{12}\ \Phi_5^{11}\ \Phi_2^{12}\ \Phi_1^{12}$
159819	1956	345	$\frac{4}{115}$	$\frac{19}{345}$	$\frac{37}{115}$	$\frac{39}{115}$	$\Phi_{345}^6\ \Phi_{115}^5\ \Phi_{69}^6\ \Phi_{23}^5\ \Phi_{15}^6\ \Phi_5^5\ \Phi_3^6\ \Phi_1^6$
159820	1956	493	$\frac{16}{493}$	$\frac{1}{17}$	$\frac{159}{493}$	$\frac{167}{493}$	$\Phi_{493}^4\ \Phi_{29}^4\ \Phi_{17}^3\ \Phi_1^4$
159821	1956	3198	$\frac{1}{41}$	$\frac{1}{13}$	$\frac{40}{123}$	$\frac{83}{246}$	$\Phi_{3198}\ \Phi_{1066}\ \Phi_{533}\ \Phi_{78}\ \Phi_{26}$
159822	1956	391	$\frac{4}{391}$	$\frac{65}{391}$	$\frac{129}{391}$	$\frac{131}{391}$	$\Phi_{391}^5\ \Phi_{23}^5\ \Phi_{17}^5\ \Phi_1^6$
159823	1956	245	$\frac{2}{245}$	$\frac{1}{5}$	$\frac{81}{245}$	$\frac{82}{245}$	$\Phi_{245}^8\ \Phi_{49}^8\ \Phi_{35}^8\ \Phi_7^8\ \Phi_5^7\ \Phi_1^8$
159824	1956	1955	$\frac{8}{1955}$	$\frac{649}{1955}$	$\frac{651}{1955}$	$\frac{653}{1955}$	$\Phi_{1955}\ \Phi_{391}\ \Phi_{115}\ \Phi_{85}\ \Phi_{23}\ \Phi_{17}\ \Phi_5\ \Phi_1^2$
159825	1956	2937	$\frac{4}{979}$	$\frac{325}{979}$	$\frac{1}{3}$	$\frac{327}{979}$	$\Phi_{2937}\ \Phi_{267}\ \Phi_{33}$
159826	1956	732	$\frac{1}{244}$	$\frac{81}{244}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{732}^2\ \Phi_{366}^2\ \Phi_{244}^4\ \Phi_{183}^2\ \Phi_{122}^4\ \Phi_{61}^4\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
159827	1956	492	$\frac{1}{164}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{492}^3\ \Phi_{246}^3\ \Phi_{164}^6\ \Phi_{123}^3\ \Phi_{82}^6\ \Phi_{41}^6\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
159828	1956	1830	$\frac{1}{122}$	$\frac{121}{610}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1830}\ \Phi_{915}\ \Phi_{610}^2\ \Phi_{305}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
159829	1956	1155	$\frac{2}{165}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1155}^2\ \Phi_{385}^2\ \Phi_{231}^2\ \Phi_{105}^2\ \Phi_{77}^2\ \Phi_{35}^2\ \Phi_{21}$
159830	1956	1488	$\frac{7}{496}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}^2\ \Phi_{372}\ \Phi_{248}^2\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{48}\ \Phi_{31}^2\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
159831	1956	183	$\frac{1}{61}$	$\frac{20}{183}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{183}^{11}\ \Phi_{61}^{10}\ \Phi_3^{12}\ \Phi_1^{12}$
159832	1956	1701	$\frac{1}{81}$	$\frac{1}{7}$	$\frac{80}{243}$	$\frac{1}{3}$	$\Phi_{1701}^2\ \Phi_{21}$
159833	1956	726	$\frac{5}{242}$	$\frac{1}{11}$	$\frac{79}{242}$	$\frac{1}{3}$	$\Phi_{726}^4\ \Phi_{363}^4\ \Phi_{66}^4\ \Phi_{33}^5\ \Phi_6^4\ \Phi_3^4$
159834	1956	534	$\frac{2}{89}$	$\frac{15}{178}$	$\frac{29}{89}$	$\frac{1}{3}$	$\Phi_{534}^6\ \Phi_{267}^5\ \Phi_6^6\ \Phi_3^4$
159835	1956	165	$\frac{2}{165}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{165}^{12}\ \Phi_{55}^{12}\ \Phi_{33}^{11}\ \Phi_{15}^{12}\ \Phi_{11}^{12}\ \Phi_5^{12}\ \Phi_3^{10}\ \Phi_1^{12}$
159836	1956	1335	$\frac{1}{89}$	$\frac{88}{445}$	$\frac{119}{445}$	$\frac{1}{3}$	$\Phi_{1335}^2\ \Phi_{267}^3\ \Phi_{15}^2\ \Phi_3^2$
159837	1956	660	$\frac{2}{165}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{220}^4\ \Phi_{132}^4\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{60}^3\ \Phi_{44}^4\ \Phi_{30}^3\ \Phi_{22}^4\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
159838	1956	780	$\frac{1}{65}$	$\frac{32}{195}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{260}^4\ \Phi_{156}^3\ \Phi_{130}^4\ \Phi_{78}^3\ \Phi_{60}^3\ \Phi_{52}^4\ \Phi_{30}^3\ \Phi_{26}^4\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_2^4$
159839	1956	2028	$\frac{6}{169}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2028}^2\ \Phi_{1014}^2\ \Phi_{156}\ \Phi_{78}\ \Phi_{12}^2\ \Phi_6^2$
159840	1956	2100	$\frac{1}{25}$	$\frac{12}{175}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2100}^2\ \Phi_{1050}^2\ \Phi_{420}^2\ \Phi_{300}\ \Phi_{210}^2\ \Phi_{150}\ \Phi_{84}^2\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
159841	1956	1512	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{53}{216}$	$\frac{1}{3}$	$\Phi_{1512}^2\ \Phi_{756}^2\ \Phi_{504}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{21}$
159842	1956	1518	$\frac{17}{506}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{1518}^2\ \Phi_{759}^2\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{33}$
159843	1956	2331	$\frac{7}{333}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2331}\ \Phi_{777}\ \Phi_{259}\ \Phi_{21}$
159844	1956	2835	$\frac{2}{81}$	$\frac{1}{7}$	$\frac{79}{405}$	$\frac{1}{3}$	$\Phi_{2835}\ \Phi_{945}\ \Phi_{315}\ \Phi_{105}\ \Phi_{35}\ \Phi_{21}$
159845	1956	1815	$\frac{5}{121}$	$\frac{1}{11}$	$\frac{116}{605}$	$\frac{1}{3}$	$\Phi_{1815}^2\ \Phi_{165}^2\ \Phi_{33}\ \Phi_{15}^2$
159846	1956	168	$\frac{5}{168}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{168}^{12}\ \Phi_{84}^{12}\ \Phi_{56}^{12}\ \Phi_{42}^{10}\ \Phi_{28}^{12}\ \Phi_{24}^{12}\ \Phi_{21}^{11}\ \Phi_{14}^{10}\ \Phi_{12}^{12}\ \Phi_8^{12}\ \Phi_7^{10}\ \Phi_6^{12}\ \Phi_4^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
159847	1956	189	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{189}^{10}\ \Phi_{63}^{10}\ \Phi_{27}^{12}\ \Phi_{21}^{11}\ \Phi_{9}^{12}\ \Phi_{7}^{10}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
159848	1956	1197	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1197}^{2}\ \Phi_{399}^{2}\ \Phi_{133}^{2}\ \Phi_{21}$
159849	1956	1260	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{420}^{2}\ \Phi_{315}^{2}\ \Phi_{252}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{21}$
159850	1956	2457	$\frac{25}{351}$	$\frac{2}{27}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2457}\ \Phi_{819}\ \Phi_{273}\ \Phi_{91}\ \Phi_{21}$
159851	1956	528	$\frac{13}{176}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{1}{3}$	$\Phi_{528}^{6}\ \Phi_{264}^{6}\ \Phi_{132}^{4}\ \Phi_{66}^{4}\ \Phi_{48}^{6}\ \Phi_{33}^{5}\ \Phi_{24}^{6}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{4}$
159852	1956	363	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{37}{363}$	$\frac{1}{3}$	$\Phi_{363}^{5}\ \Phi_{121}^{6}\ \Phi_{33}^{6}\ \Phi_{11}^{6}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
159853	1956	2673	$\frac{1}{81}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{80}{243}$	$\Phi_{2673}\ \Phi_{243}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
159854	1956	4860	$\frac{1}{81}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{80}{243}$	$\Phi_{4860}\ \Phi_{2430}\ \Phi_{20}\ \Phi_{10}$
159855	1956	210	$\frac{1}{70}$	$\frac{1}{5}$	$\frac{47}{210}$	$\frac{23}{70}$	$\Phi_{210}^{12}\ \Phi_{105}^{12}\ \Phi_{70}^{4}\ \Phi_{42}^{12}\ \Phi_{35}^{4}\ \Phi_{30}^{12}\ \Phi_{21}^{12}\ \Phi_{15}^{12}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{12}\ \Phi_{5}^{3}\ \Phi_{3}^{12}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
159856	1956	980	$\frac{1}{49}$	$\frac{33}{196}$	$\frac{1}{5}$	$\frac{16}{49}$	$\Phi_{980}^{3}\ \Phi_{490}^{3}\ \Phi_{245}\ \Phi_{140}^{3}\ \Phi_{70}^{3}\ \Phi_{35}\ \Phi_{20}^{3}\ \Phi_{10}^{3}$
159857	1956	483	$\frac{4}{161}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{157}{483}$	$\Phi_{483}^{6}\ \Phi_{69}^{6}\ \Phi_{23}\ \Phi_{21}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{2}$
159858	1956	3120	$\frac{3}{80}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{77}{240}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{624}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
159859	1956	240	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{77}{240}$	$\Phi_{240}^{12}\ \Phi_{120}^{12}\ \Phi_{60}^{12}\ \Phi_{48}^{12}\ \Phi_{30}^{12}\ \Phi_{24}^{12}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_{10}^{4}\ \Phi_{6}^{12}\ \Phi_{5}^{3}\ \Phi_{3}^{12}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
159860	1956	238	$\frac{13}{238}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{75}{238}$	$\Phi_{238}^{8}\ \Phi_{119}^{8}\ \Phi_{34}^{8}\ \Phi_{17}^{11}\ \Phi_{14}^{8}\ \Phi_{7}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
159861	1956	1190	$\frac{13}{238}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{75}{238}$	$\Phi_{1190}^{2}\ \Phi_{595}^{2}\ \Phi_{170}^{2}\ \Phi_{85}^{2}\ \Phi_{70}^{3}\ \Phi_{35}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
159862	1956	175	$\frac{2}{35}$	$\frac{12}{175}$	$\frac{1}{5}$	$\frac{11}{35}$	$\Phi_{175}^{12}\ \Phi_{35}^{8}\ \Phi_{25}^{12}\ \Phi_{7}^{8}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
159863	1956	170	$\frac{7}{170}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{10}$	$\Phi_{170}^{12}\ \Phi_{85}^{12}\ \Phi_{34}^{12}\ \Phi_{17}^{12}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
159864	1956	170	$\frac{7}{170}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{5}{17}$	$\Phi_{170}^{12}\ \Phi_{85}^{12}\ \Phi_{34}^{12}\ \Phi_{17}^{7}\ \Phi_{10}^{12}\ \Phi_{5}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{8}$
159865	1956	230	$\frac{3}{115}$	$\frac{29}{230}$	$\frac{28}{115}$	$\frac{67}{230}$	$\Phi_{230}^{8}\ \Phi_{115}^{9}\ \Phi_{46}^{8}\ \Phi_{23}^{9}\ \Phi_{10}^{8}\ \Phi_{5}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
159866	1956	840	$\frac{5}{168}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{280}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{3}\ \Phi_{120}^{3}\ \Phi_{105}^{3}\ \Phi_{70}^{3}\ \Phi_{60}^{3}\ \Phi_{40}^{3}\ \Phi_{35}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{15}^{3}\ \Phi_{10}^{3}$
159867	1956	2376	$\frac{1}{54}$	$\frac{2}{11}$	$\frac{53}{216}$	$\frac{3}{11}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{216}^{2}\ \Phi_{132}\ \Phi_{108}^{2}\ \Phi_{88}\ \Phi_{72}^{2}\ \Phi_{44}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
159868	1956	1848	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1848}\ \Phi_{924}\ \Phi_{616}\ \Phi_{462}\ \Phi_{308}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}^{2}\ \Phi_{154}\ \Phi_{132}\ \Phi_{88}\ \Phi_{84}^{2}\ \Phi_{77}\ \Phi_{56}^{2}\ \Phi_{44}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
159869	1956	2079	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{231}\ \Phi_{189}^{2}\ \Phi_{77}\ \Phi_{63}^{2}\ \Phi_{21}^{2}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
159870	1956	1881	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{209}\ \Phi_{171}^{2}\ \Phi_{57}^{2}\ \Phi_{19}^{2}\ \Phi_{11}\ \Phi_{1}^{2}$
159871	1956	1980	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}^{2}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{90}^{2}\ \Phi_{60}^{2}\ \Phi_{55}\ \Phi_{45}^{2}\ \Phi_{44}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
159872	1956	170	$\frac{7}{170}$	$\frac{9}{85}$	$\frac{19}{85}$	$\frac{22}{85}$	$\Phi_{170}^{12}\ \Phi_{85}^{11}\ \Phi_{34}^{12}\ \Phi_{17}^{11}\ \Phi_{10}^{12}\ \Phi_{5}^{11}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
159873	1956	575	$\frac{3}{115}$	$\frac{86}{575}$	$\frac{28}{115}$	$\frac{29}{115}$	$\Phi_{575}^{4}\ \Phi_{115}\ \Phi_{25}^{4}\ \Phi_{23}\ \Phi_{5}\ \Phi_{1}^{2}$
159874	1956	1080	$\frac{1}{54}$	$\frac{1}{5}$	$\frac{53}{216}$	$\frac{1}{4}$	$\Phi_{1080}^{3}\ \Phi_{540}\ \Phi_{360}^{3}\ \Phi_{270}^{2}\ \Phi_{180}\ \Phi_{135}^{2}\ \Phi_{120}^{3}\ \Phi_{90}^{2}\ \Phi_{60}\ \Phi_{45}^{2}\ \Phi_{40}^{3}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
159875	1956	840	$\frac{5}{168}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{280}^{3}\ \Phi_{210}^{3}\ \Phi_{140}^{3}\ \Phi_{120}^{3}\ \Phi_{105}^{3}\ \Phi_{70}^{3}\ \Phi_{60}\ \Phi_{40}^{3}\ \Phi_{35}^{3}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
159876	1956	3780	$\frac{1}{27}$	$\frac{26}{189}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{3780}\ \Phi_{1890}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{70}\ \Phi_{20}\ \Phi_{10}$
159877	1956	3420	$\frac{8}{171}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{3420}\ \Phi_{1710}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{190}\ \Phi_{20}\ \Phi_{10}$
159878	1956	180	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^{10}\ \Phi_{90}^{11}\ \Phi_{60}^{10}\ \Phi_{45}^{11}\ \Phi_{36}^{12}\ \Phi_{30}^{11}\ \Phi_{20}^{11}\ \Phi_{18}^{12}\ \Phi_{15}^{11}\ \Phi_{12}^{12}\ \Phi_{10}^{12}\ \Phi_{9}^{12}\ \Phi_{6}^{12}\ \Phi_{5}^{11}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
159879	1956	2288	$\frac{13}{176}$	$\frac{1}{13}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2288}\ \Phi_{1144}\ \Phi_{572}\ \Phi_{286}\ \Phi_{143}\ \Phi_{52}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
159880	1956	2600	$\frac{3}{40}$	$\frac{1}{13}$	$\frac{37}{200}$	$\frac{1}{4}$	$\Phi_{2600}\ \Phi_{1300}\ \Phi_{650}\ \Phi_{325}\ \Phi_{52}\ \Phi_{26}$
159881	1956	2496	$\frac{1}{13}$	$\frac{3}{32}$	$\frac{29}{192}$	$\frac{1}{4}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{832}\ \Phi_{624}\ \Phi_{312}\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
159882	1956	2340	$\frac{1}{13}$	$\frac{17}{180}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{468}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{156}\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}$
159883	1956	3220	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{155}{644}$	$\Phi_{3220}\ \Phi_{1610}\ \Phi_{460}\ \Phi_{230}\ \Phi_{140}\ \Phi_{70}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
159884	1956	640	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{151}{640}$	$\Phi_{640}^4\ \Phi_{320}^4\ \Phi_{128}^4\ \Phi_{64}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
159885	1956	544	$\frac{1}{17}$	$\frac{55}{544}$	$\frac{13}{68}$	$\frac{4}{17}$	$\Phi_{544}^4\ \Phi_{272}^4\ \Phi_{136}^4\ \Phi_{32}^4\ \Phi_{17}^3\ \Phi_{16}^4\ \Phi_8^4\ \Phi_1^4$
159886	1956	595	$\frac{1}{17}$	$\frac{13}{119}$	$\frac{106}{595}$	$\frac{4}{17}$	$\Phi_{595}^4\ \Phi_{85}^4\ \Phi_{35}^4\ \Phi_{17}^3\ \Phi_5^4\ \Phi_1^4$
159887	1956	520	$\frac{31}{520}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{40}$	$\Phi_{520}^4\ \Phi_{260}^4\ \Phi_{130}^4\ \Phi_{104}^4\ \Phi_{65}^4\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
159888	1956	210	$\frac{2}{35}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{47}{210}$	$\Phi_{210}^{12}\ \Phi_{105}^6\ \Phi_{70}^{12}\ \Phi_{42}^{12}\ \Phi_{35}^8\ \Phi_{30}^{12}\ \Phi_{21}^6\ \Phi_{15}^6\ \Phi_{14}^{12}\ \Phi_{10}^{12}\ \Phi_7^8\ \Phi_6^{12}\ \Phi_5^7\ \Phi_3^6\ \Phi_2^{12}\ \Phi_1^8$
159889	1956	345	$\frac{19}{345}$	$\frac{3}{23}$	$\frac{4}{23}$	$\frac{5}{23}$	$\Phi_{345}^6\ \Phi_{115}^6\ \Phi_{69}^6\ \Phi_{23}\ \Phi_{15}^6\ \Phi_5^6\ \Phi_3^6\ \Phi_1^2$
159890	1956	184	$\frac{2}{23}$	$\frac{21}{184}$	$\frac{3}{23}$	$\frac{5}{23}$	$\Phi_{184}^{12}\ \Phi_{92}^{12}\ \Phi_{46}^{12}\ \Phi_{23}\ \Phi_8^{12}\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^2$
159891	1956	200	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{37}{200}$	$\frac{1}{5}$	$\Phi_{200}^{12}\ \Phi_{100}^{12}\ \Phi_{50}^{12}\ \Phi_{25}^{12}\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
159892	1956	175	$\frac{12}{175}$	$\frac{4}{35}$	$\frac{31}{175}$	$\frac{1}{5}$	$\Phi_{175}^{11}\ \Phi_{35}^{12}\ \Phi_{25}^{11}\ \Phi_7^{12}\ \Phi_5^{11}\ \Phi_1^{12}$
159893	1956	385	$\frac{31}{385}$	$\frac{4}{35}$	$\frac{59}{385}$	$\frac{1}{5}$	$\Phi_{385}^5\ \Phi_{77}^5\ \Phi_{55}^5\ \Phi_{35}^6\ \Phi_{11}^5\ \Phi_7^6\ \Phi_5^5\ \Phi_1^6$
159894	1956	180	$\frac{17}{180}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{5}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}^{12}\ \Phi_{45}^{12}\ \Phi_{36}^{12}\ \Phi_{30}^{12}\ \Phi_{18}^{12}\ \Phi_{15}^{12}\ \Phi_{12}^{12}\ \Phi_{10}^4\ \Phi_9^{12}\ \Phi_6^{12}\ \Phi_5^3\ \Phi_3^{12}\ \Phi_2^4\ \Phi_1^4$
159895	1956	560	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{560}$	$\frac{1}{5}$	$\Phi_{560}^4\ \Phi_{280}^4\ \Phi_{140}^4\ \Phi_{112}^4\ \Phi_{70}^4\ \Phi_{56}^4\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
159896	1956	391	$\frac{25}{391}$	$\frac{61}{391}$	$\frac{65}{391}$	$\frac{66}{391}$	$\Phi_{391}^5\ \Phi_{23}^5\ \Phi_{17}^5\ \Phi_1^6$
159897	1957	3904	$\frac{5}{1952}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1947}{3904}$	$\Phi_{3904}\ \Phi_{64}\ \Phi_8\ \Phi_1$
159898	1957	3888	$\frac{13}{1944}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1931}{3888}$	$\Phi_{3888}\ \Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
159899	1957	3888	$\frac{13}{1944}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1931}{3888}$	$\Phi_{3888}\ \Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
159900	1957	2616	$\frac{5}{654}$	$\frac{1}{6}$	$\frac{659}{2616}$	$\frac{649}{1308}$	$\Phi_{2616}\ \Phi_{872}\ \Phi_{654}\ \Phi_{327}\ \Phi_{218}\ \Phi_{109}\ \Phi_{24}\ \Phi_8\ \Phi_1$
159901	1957	2352	$\frac{3}{392}$	$\frac{395}{2352}$	$\frac{1}{4}$	$\frac{389}{784}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{588}\ \Phi_{392}\ \Phi_{336}\ \Phi_{294}\ \Phi_{196}\ \Phi_{168}\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}\ \Phi_{56}\ \Phi_{49}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
159902	1957	3880	$\frac{17}{1940}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1923}{3880}$	$\Phi_{3880}\ \Phi_{776}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
159903	1957	612	$\frac{1}{102}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{101}{204}$	$\Phi_{306}^6\ \Phi_{204}\ \Phi_{153}^6\ \Phi_{102}^6\ \Phi_{68}\ \Phi_{51}^6\ \Phi_{36}\ \Phi_{34}^6\ \Phi_{18}^6\ \Phi_{17}^6\ \Phi_{12}^2\ \Phi_9^6\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
159904	1957	1428	$\frac{1}{102}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{101}{204}$	$\Phi_{1428}^3\ \Phi_{476}^3\ \Phi_{204}\ \Phi_{84}^3\ \Phi_{68}\ \Phi_{28}^3\ \Phi_{21}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
159905	1957	1836	$\frac{1}{102}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{101}{204}$	$\Phi_{1836}^3\ \Phi_{204}\ \Phi_{108}^3\ \Phi_{68}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
159906	1957	408	$\frac{1}{102}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{101}{204}$	$\Phi_{408}^6\ \Phi_{204}\ \Phi_{136}^6\ \Phi_{102}^6\ \Phi_{68}\ \Phi_{51}^6\ \Phi_{34}^6\ \Phi_{24}^7\ \Phi_{17}^6\ \Phi_{12}^2\ \Phi_8^7\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
159907	1957	2240	$\frac{3}{280}$	$\frac{283}{2240}$	$\frac{1}{4}$	$\frac{277}{560}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{448}\ \Phi_{320}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{70}\ \Phi_{64}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
159908	1957	3864	$\frac{25}{1932}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1907}{3864}$	$\Phi_{3864}\ \Phi_{1288}\ \Phi_{552}\ \Phi_{184}\ \Phi_{168}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
159909	1957	3840	$\frac{37}{1920}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1883}{3840}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{256}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
159910	1957	3840	$\frac{37}{1920}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1883}{3840}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{256}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
159911	1957	3808	$\frac{53}{1904}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{1851}{3808}$	$\Phi_{3808}\ \Phi_{544}\ \Phi_{224}\ \Phi_{56}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
159912	1957	200	$\frac{3}{100}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{97}{200}$	$\Phi_{200}^{19}\ \Phi_{40}^{19}\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^{19}\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
159913	1957	196	$\frac{3}{98}$	$\frac{5}{98}$	$\frac{1}{4}$	$\frac{93}{196}$	$\Phi_{196}^7\ \Phi_{98}^{13}\ \Phi_{49}^{13}\ \Phi_{28}^7\ \Phi_{14}^{13}\ \Phi_7^{13}\ \Phi_4^6\ \Phi_2^{12}\ \Phi_1^{13}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
159914	1957	2016	$\frac{59}{2016}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{53}{112}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
159915	1957	1260	$\frac{2}{105}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{1260}^3\ \Phi_{420}^3\ \Phi_{252}^3\ \Phi_{180}^3\ \Phi_{140}^3\ \Phi_{105}\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}^3\ \Phi_{21}\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
159916	1957	612	$\frac{1}{51}$	$\frac{1}{18}$	$\frac{50}{153}$	$\frac{17}{36}$	$\Phi_{612}^6\ \Phi_{204}^6\ \Phi_{153}\ \Phi_{68}^6\ \Phi_{36}^7\ \Phi_{12}^7\ \Phi_9\ \Phi_4^7\ \Phi_1$
159917	1957	1224	$\frac{1}{34}$	$\frac{1}{18}$	$\frac{33}{136}$	$\frac{17}{36}$	$\Phi_{1224}^2\ \Phi_{408}^2\ \Phi_{306}^2\ \Phi_{153}^2\ \Phi_{136}^3\ \Phi_{102}^2\ \Phi_{72}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{36}\ \Phi_{34}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{17}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
159918	1957	108	$\frac{5}{108}$	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{108}^{19}\ \Phi_{54}^{19}\ \Phi_{36}^{14}\ \Phi_{27}^{19}\ \Phi_{18}^{19}\ \Phi_{12}^{14}\ \Phi_9^{19}\ \Phi_6^{18}\ \Phi_4^{14}\ \Phi_3^{18}\ \Phi_2^{18}\ \Phi_1^{19}$
159919	1957	4284	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{17}{36}$	$\Phi_{4284}\ \Phi_{1428}\ \Phi_{476}\ \Phi_{252}\ \Phi_{119}\ \Phi_{84}\ \Phi_{36}\ \Phi_{28}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
159920	1957	960	$\frac{1}{20}$	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{89}{192}$	$\Phi_{960}^4\ \Phi_{320}^4\ \Phi_{192}^3\ \Phi_{64}^3\ \Phi_{40}^4\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
159921	1957	2000	$\frac{43}{2000}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
159922	1957	3640	$\frac{3}{140}$	$\frac{137}{1820}$	$\frac{1}{4}$	$\frac{1683}{3640}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{280}\ \Phi_{140}\ \Phi_{104}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
159923	1957	2592	$\frac{13}{648}$	$\frac{1}{12}$	$\frac{635}{2592}$	$\frac{11}{24}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
159924	1957	2016	$\frac{59}{2016}$	$\frac{1}{12}$	$\frac{13}{72}$	$\frac{11}{24}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
159925	1957	2160	$\frac{13}{216}$	$\frac{1}{12}$	$\frac{203}{2160}$	$\frac{11}{24}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
159926	1957	3528	$\frac{3}{196}$	$\frac{193}{1764}$	$\frac{1}{4}$	$\frac{1571}{3528}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{392}\ \Phi_{196}\ \Phi_{168}\ \Phi_{98}\ \Phi_{72}\ \Phi_{56}\ \Phi_{49}\ \Phi_{28}\ \Phi_{24}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
159927	1957	560	$\frac{1}{20}$	$\frac{9}{112}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{560}^4\ \Phi_{280}^4\ \Phi_{140}^4\ \Phi_{112}^3\ \Phi_{70}^4\ \Phi_{56}^3\ \Phi_{40}^4\ \Phi_{35}^4\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
159928	1957	1820	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{79}{182}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}^2\ \Phi_{140}\ \Phi_{130}^2\ \Phi_{91}\ \Phi_{70}\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
159929	1957	3360	$\frac{3}{280}$	$\frac{277}{1680}$	$\frac{1}{4}$	$\frac{1403}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{96}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_1$
159930	1957	416	$\frac{1}{104}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{416}^8\ \Phi_{104}^3\ \Phi_{52}^3\ \Phi_{32}^7\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
159931	1957	2016	$\frac{59}{2016}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{37}{96}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
159932	1957	3136	$\frac{3}{392}$	$\frac{389}{1568}$	$\frac{1}{4}$	$\frac{1179}{3136}$	$\Phi_{3136}\ \Phi_{448}\ \Phi_{392}\ \Phi_{196}\ \Phi_{98}\ \Phi_{64}\ \Phi_{56}\ \Phi_{49}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
159933	1957	2928	$\frac{5}{976}$	$\frac{1}{4}$	$\frac{971}{2928}$	$\frac{3}{8}$	$\Phi_{2928}\ \Phi_{1464}\ \Phi_{732}\ \Phi_{366}\ \Phi_{183}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
159934	1957	1968	$\frac{11}{1968}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}\ \Phi_{492}\ \Phi_{328}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}\ \Phi_{48}\ \Phi_{41}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
159935	1957	312	$\frac{1}{104}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{312}^8\ \Phi_{156}^8\ \Phi_{104}^3\ \Phi_{78}^8\ \Phi_{52}^3\ \Phi_{39}^8\ \Phi_{26}^3\ \Phi_{24}^7\ \Phi_{13}^3\ \Phi_{12}^7\ \Phi_8^3\ \Phi_6^7\ \Phi_4^2\ \Phi_3^7\ \Phi_2^2\ \Phi_1^3$
159936	1957	2440	$\frac{5}{488}$	$\frac{483}{2440}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2440}\ \Phi_{1220}\ \Phi_{610}\ \Phi_{305}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
159937	1957	1984	$\frac{27}{1984}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{64}\ \Phi_{62}\ \Phi_{31}\ \Phi_8\ \Phi_1$
159938	1957	1560	$\frac{1}{104}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1560}\ \Phi_{780}\ \Phi_{520}^2\ \Phi_{390}\ \Phi_{312}\ \Phi_{260}^2\ \Phi_{195}\ \Phi_{156}\ \Phi_{130}^2\ \Phi_{120}\ \Phi_{104}\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{60}\ \Phi_{52}\ \Phi_{40}^2\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
159939	1957	1980	$\frac{23}{1980}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{11}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
159940	1957	780	$\frac{1}{26}$	$\frac{1}{20}$	$\frac{25}{78}$	$\frac{53}{156}$	$\Phi_{780}^2\ \Phi_{390}^2\ \Phi_{260}^4\ \Phi_{195}^2\ \Phi_{156}\ \Phi_{130}^4\ \Phi_{78}^2\ \Phi_{65}^4\ \Phi_{60}^2\ \Phi_{52}^3\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^3\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{13}^3\ \Phi_{12}\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^3\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
159941	1957	2952	$\frac{11}{492}$	$\frac{1}{12}$	$\frac{481}{1476}$	$\frac{995}{2952}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{492}\ \Phi_{328}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}\ \Phi_{72}\ \Phi_{41}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
159942	1957	105	$\frac{2}{105}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{105}^{19}\ \Phi_{35}^{19}\ \Phi_{21}^{17}\ \Phi_{15}^{19}\ \Phi_{7}^{17}\ \Phi_{5}^{19}\ \Phi_{3}^{18}\ \Phi_{1}^{19}$
159943	1957	1071	$\frac{1}{51}$	$\frac{2}{21}$	$\frac{50}{153}$	$\frac{1}{3}$	$\Phi_{1071}^{3}\ \Phi_{153}\ \Phi_{63}^{3}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
159944	1957	945	$\frac{2}{105}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{945}^{3}\ \Phi_{189}^{3}\ \Phi_{135}^{3}\ \Phi_{105}\ \Phi_{35}\ \Phi_{27}\ \Phi_{21}\ \Phi_{15}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
159945	1957	2856	$\frac{1}{34}$	$\frac{2}{21}$	$\frac{33}{136}$	$\frac{1}{3}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{952}\ \Phi_{476}\ \Phi_{168}\ \Phi_{136}\ \Phi_{84}\ \Phi_{68}\ \Phi_{56}\ \Phi_{28}\ \Phi_{21}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
159946	1957	315	$\frac{2}{105}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{315}^{6}\ \Phi_{105}^{7}\ \Phi_{63}^{6}\ \Phi_{45}^{5}\ \Phi_{35}^{7}\ \Phi_{21}^{7}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{7}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
159947	1957	840	$\frac{2}{105}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{280}^{3}\ \Phi_{168}^{3}\ \Phi_{140}^{3}\ \Phi_{120}^{3}\ \Phi_{105}\ \Phi_{84}^{3}\ \Phi_{60}^{3}\ \Phi_{56}^{3}\ \Phi_{40}^{3}\ \Phi_{35}\ \Phi_{28}^{3}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}^{3}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
159948	1957	756	$\frac{5}{108}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{756}^{3}\ \Phi_{378}^{3}\ \Phi_{252}^{3}\ \Phi_{189}^{3}\ \Phi_{126}^{3}\ \Phi_{108}\ \Phi_{84}^{3}\ \Phi_{63}^{3}\ \Phi_{54}\ \Phi_{36}\ \Phi_{28}^{3}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
159949	1957	357	$\frac{1}{17}$	$\frac{2}{21}$	$\frac{16}{119}$	$\frac{1}{3}$	$\Phi_{357}^{5}\ \Phi_{119}^{6}\ \Phi_{51}^{6}\ \Phi_{21}^{6}\ \Phi_{17}^{6}\ \Phi_{7}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
159950	1957	2520	$\frac{3}{280}$	$\frac{563}{2520}$	$\frac{1}{4}$	$\frac{277}{840}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{90}\ \Phi_{72}\ \Phi_{70}\ \Phi_{63}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{18}\ \Phi_{14}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
159951	1957	2916	$\frac{13}{972}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{959}{2916}$	$\Phi_{2916}\ \Phi_{1458}\ \Phi_{729}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
159952	1957	2352	$\frac{3}{196}$	$\frac{395}{2352}$	$\frac{1}{4}$	$\frac{193}{588}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{784}\ \Phi_{392}\ \Phi_{336}\ \Phi_{196}\ \Phi_{168}\ \Phi_{112}\ \Phi_{98}\ \Phi_{56}\ \Phi_{49}\ \Phi_{48}\ \Phi_{28}\ \Phi_{24}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
159953	1957	459	$\frac{1}{51}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{50}{153}$	$\Phi_{459}^{6}\ \Phi_{153}\ \Phi_{27}^{7}\ \Phi_{9}\ \Phi_{1}$
159954	1957	1224	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{50}{153}$	$\Phi_{1224}^{3}\ \Phi_{612}^{3}\ \Phi_{153}\ \Phi_{72}^{3}\ \Phi_{36}^{3}\ \Phi_{24}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
159955	1957	2880	$\frac{37}{960}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{923}{2880}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{576}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
159956	1957	2880	$\frac{37}{960}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{923}{2880}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{576}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
159957	1957	2856	$\frac{3}{56}$	$\frac{53}{952}$	$\frac{1}{4}$	$\frac{899}{2856}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{408}\ \Phi_{357}\ \Phi_{204}\ \Phi_{168}\ \Phi_{102}\ \Phi_{84}\ \Phi_{56}\ \Phi_{51}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
159958	1957	2040	$\frac{83}{2040}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{51}\ \Phi_{40}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
159959	1957	2016	$\frac{59}{2016}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{84}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
159960	1957	3672	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{33}{136}$	$\frac{8}{27}$	$\Phi_{3672}\ \Phi_{1836}\ \Phi_{216}\ \Phi_{136}\ \Phi_{108}\ \Phi_{68}\ \Phi_{27}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
159961	1957	108	$\frac{5}{108}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{108}^{19}\ \Phi_{54}^{16}\ \Phi_{36}^{19}\ \Phi_{27}^{17}\ \Phi_{18}^{19}\ \Phi_{12}^{19}\ \Phi_{9}^{19}\ \Phi_{6}^{18}\ \Phi_{4}^{19}\ \Phi_{3}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
159962	1957	3213	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{16}{119}$	$\frac{8}{27}$	$\Phi_{3213}\ \Phi_{189}\ \Phi_{119}\ \Phi_{27}\ \Phi_{7}\ \Phi_{1}$
159963	1957	120	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{17}{120}$	$\frac{7}{24}$	$\Phi_{120}^{15}\ \Phi_{60}^{15}\ \Phi_{40}^{19}\ \Phi_{30}^{15}\ \Phi_{24}^{16}\ \Phi_{20}^{18}\ \Phi_{15}^{15}\ \Phi_{12}^{16}\ \Phi_{10}^{18}\ \Phi_{8}^{19}\ \Phi_{6}^{16}\ \Phi_{5}^{18}\ \Phi_{4}^{18}\ \Phi_{3}^{16}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
159964	1957	720	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{144}$	$\Phi_{720}^{4}\ \Phi_{360}^{4}\ \Phi_{180}^{4}\ \Phi_{144}^{3}\ \Phi_{90}^{4}\ \Phi_{72}^{3}\ \Phi_{45}^{4}\ \Phi_{40}^{4}\ \Phi_{36}^{3}\ \Phi_{20}^{3}\ \Phi_{18}^{3}\ \Phi_{10}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
159965	1957	2592	$\frac{13}{648}$	$\frac{1}{6}$	$\frac{635}{2592}$	$\frac{5}{18}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
159966	1957	1998	$\frac{41}{1998}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{1998}\ \Phi_{999}\ \Phi_{666}\ \Phi_{333}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
159967	1957	2430	$\frac{13}{486}$	$\frac{1}{6}$	$\frac{473}{2430}$	$\frac{5}{18}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
159968	1957	2016	$\frac{59}{2016}$	$\frac{1}{6}$	$\frac{13}{72}$	$\frac{5}{18}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
159969	1957	2268	$\frac{13}{324}$	$\frac{311}{2268}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
159970	1957	108	$\frac{5}{108}$	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{108}^{18}\ \Phi_{54}^{18}\ \Phi_{36}^{18}\ \Phi_{27}^{18}\ \Phi_{18}^{19}\ \Phi_{12}^{18}\ \Phi_{9}^{19}\ \Phi_{6}^{18}\ \Phi_{4}^{18}\ \Phi_{3}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
159971	1957	2160	$\frac{13}{216}$	$\frac{203}{2160}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
159972	1957	2106	$\frac{149}{2106}$	$\frac{13}{162}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{702}\ \Phi_{351}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
159973	1957	2576	$\frac{25}{644}$	$\frac{3}{28}$	$\frac{619}{2576}$	$\frac{1}{4}$	$\Phi_{2576}\ \Phi_{1288}\ \Phi_{368}\ \Phi_{184}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
159974	1957	2560	$\frac{37}{640}$	$\frac{3}{40}$	$\frac{603}{2560}$	$\frac{1}{4}$	$\Phi_{2560}\ \Phi_{1280}\ \Phi_{512}\ \Phi_{256}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
159975	1957	2080	$\frac{123}{2080}$	$\frac{3}{40}$	$\frac{37}{160}$	$\frac{1}{4}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
159976	1957	2400	$\frac{3}{40}$	$\frac{37}{480}$	$\frac{443}{2400}$	$\frac{1}{4}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
159977	1957	2160	$\frac{3}{40}$	$\frac{203}{2160}$	$\frac{37}{240}$	$\frac{1}{4}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
159978	1957	120	$\frac{1}{20}$	$\frac{17}{120}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{120}^{19}\ \Phi_{60}^{19}\ \Phi_{40}^{19}\ \Phi_{30}^{19}\ \Phi_{24}^{19}\ \Phi_{20}^{3}\ \Phi_{15}^{19}\ \Phi_{12}^{19}\ \Phi_{10}^{3}\ \Phi_{8}^{19}\ \Phi_{6}^{19}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{19}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
159979	1957	2240	$\frac{3}{40}$	$\frac{37}{320}$	$\frac{283}{2240}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
159980	1957	408	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{33}{136}$	$\Phi_{408}^{4}\ \Phi_{204}^{4}\ \Phi_{136}^{5}\ \Phi_{102}^{6}\ \Phi_{68}^{5}\ \Phi_{51}^{6}\ \Phi_{34}^{5}\ \Phi_{24}^{6}\ \Phi_{17}^{5}\ \Phi_{12}^{5}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
159981	1957	2112	$\frac{155}{2112}$	$\frac{1}{12}$	$\frac{37}{192}$	$\frac{11}{48}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
159982	1957	2400	$\frac{37}{480}$	$\frac{1}{12}$	$\frac{443}{2400}$	$\frac{11}{48}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
159983	1957	2160	$\frac{1}{12}$	$\frac{203}{2160}$	$\frac{37}{240}$	$\frac{11}{48}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
159984	1957	2304	$\frac{1}{12}$	$\frac{37}{384}$	$\frac{347}{2304}$	$\frac{11}{48}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
159985	1957	640	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{25}{128}$	$\frac{7}{32}$	$\Phi_{640}^{4}\ \Phi_{320}^{4}\ \Phi_{128}^{3}\ \Phi_{64}^{3}\ \Phi_{40}^{4}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
159986	1957	216	$\frac{5}{108}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{216}^{12}\ \Phi_{108}^{7}\ \Phi_{72}^{12}\ \Phi_{54}^{7}\ \Phi_{36}^{7}\ \Phi_{27}^{7}\ \Phi_{24}^{7}\ \Phi_{18}^{7}\ \Phi_{12}^{2}\ \Phi_{9}^{7}\ \Phi_{8}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{2}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
159987	1957	2856	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{952}\ \Phi_{476}\ \Phi_{168}\ \Phi_{119}\ \Phi_{84}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
159988	1958	5856	$\frac{3}{976}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{973}{1952}$	$\Phi_{5856}\ \Phi_{96}\ \Phi_{12}\ \Phi_{6}$
159989	1958	1950	$\frac{4}{975}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{971}{1950}$	$\Phi_{1950}^{2}\ \Phi_{650}^{2}\ \Phi_{390}^{2}\ \Phi_{150}^{2}\ \Phi_{130}^{2}\ \Phi_{78}^{2}\ \Phi_{50}^{2}\ \Phi_{30}^{2}\ \Phi_{26}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
159990	1958	1176	$\frac{1}{196}$	$\frac{197}{1176}$	$\frac{1}{3}$	$\frac{195}{392}$	$\Phi_{1176}\ \Phi_{588}^{2}\ \Phi_{392}^{2}\ \Phi_{294}^{2}\ \Phi_{196}^{2}\ \Phi_{168}\ \Phi_{147}^{2}\ \Phi_{98}^{2}\ \Phi_{84}^{2}\ \Phi_{56}^{2}\ \Phi_{49}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
159991	1958	3540	$\frac{1}{177}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{88}{177}$	$\Phi_{3540}\ \Phi_{1180}\ \Phi_{708}\ \Phi_{236}\ \Phi_{177}\ \Phi_{60}\ \Phi_{59}\ \Phi_{20}^{2}\ \Phi_{12}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
159992	1958	885	$\frac{1}{177}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{88}{177}$	$\Phi_{885}^{2}\ \Phi_{295}^{2}\ \Phi_{177}^{3}\ \Phi_{59}^{3}\ \Phi_{15}^{3}\ \Phi_{5}^{2}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
159993	1958	5838	$\frac{6}{973}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{967}{1946}$	$\Phi_{5838}\ \Phi_{834}\ \Phi_{42}\ \Phi_{21}\ \Phi_{6}$
159994	1958	3360	$\frac{1}{140}$	$\frac{141}{1120}$	$\frac{1}{3}$	$\frac{139}{280}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{672}\ \Phi_{480}\ \Phi_{420}\ \Phi_{336}\ \Phi_{240}\ \Phi_{210}\ \Phi_{105}\ \Phi_{96}\ \Phi_{84}\ \Phi_{60}\ \Phi_{48}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
159995	1958	5820	$\frac{9}{970}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{961}{1940}$	$\Phi_{5820}\ \Phi_{1164}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
159996	1958	1854	$\frac{1}{103}$	$\frac{52}{927}$	$\frac{875}{1854}$	$\frac{51}{103}$	$\Phi_{1854}^{2}\ \Phi_{618}^{2}\ \Phi_{206}^{2}\ \Phi_{103}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
159997	1958	1236	$\frac{1}{103}$	$\frac{52}{309}$	$\frac{257}{1236}$	$\frac{51}{103}$	$\Phi_{1236}^{2}\ \Phi_{618}^{2}\ \Phi_{412}^{2}\ \Phi_{206}^{2}\ \Phi_{103}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
159998	1958	1938	$\frac{10}{969}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{959}{1938}$	$\Phi_{1938}^{2}\ \Phi_{646}^{2}\ \Phi_{114}^{2}\ \Phi_{102}^{2}\ \Phi_{38}^{2}\ \Phi_{34}^{2}\ \Phi_{19}\ \Phi_{6}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
159999	1958	3696	$\frac{1}{88}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{87}{176}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}^{2}\ \Phi_{112}\ \Phi_{48}\ \Phi_{21}\ \Phi_{16}^{2}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
160000	1958	528	$\frac{1}{88}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{87}{176}$	$\Phi_{528}^{7}\ \Phi_{176}^{8}\ \Phi_{48}^{7}\ \Phi_{16}^{8}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160001	1958	1232	$\frac{1}{88}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{87}{176}$	$\Phi_{1232}^3\ \Phi_{176}^4\ \Phi_{112}^3\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
160002	1958	1932	$\frac{13}{966}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{953}{1932}$	$\Phi_{1932}^2\ \Phi_{644}^2\ \Phi_{276}^2\ \Phi_{92}^2\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
160003	1958	1920	$\frac{19}{960}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{941}{1920}$	$\Phi_{1920}^2\ \Phi_{640}^2\ \Phi_{384}^2\ \Phi_{128}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
160004	1958	4002	$\frac{2}{87}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{4002}\ \Phi_{1334}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
160005	1958	5712	$\frac{27}{952}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{925}{1904}$	$\Phi_{5712}\ \Phi_{816}\ \Phi_{336}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
160006	1958	1900	$\frac{29}{950}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{921}{1900}$	$\Phi_{1900}^2\ \Phi_{380}^2\ \Phi_{100}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
160007	1958	2760	$\frac{1}{30}$	$\frac{1}{23}$	$\frac{31}{120}$	$\frac{29}{60}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{230}\ \Phi_{184}\ \Phi_{138}\ \Phi_{115}\ \Phi_{69}\ \Phi_{46}$
160008	1958	1008	$\frac{29}{1008}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160009	1958	1890	$\frac{1}{35}$	$\frac{34}{945}$	$\frac{1}{3}$	$\frac{911}{1890}$	$\Phi_{1890}^2\ \Phi_{630}^2\ \Phi_{378}^2\ \Phi_{270}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{54}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
160010	1958	3910	$\frac{1}{23}$	$\frac{4}{85}$	$\frac{1}{5}$	$\frac{81}{170}$	$\Phi_{3910}\ \Phi_{782}\ \Phi_{230}\ \Phi_{115}\ \Phi_{46}$
160011	1958	924	$\frac{1}{44}$	$\frac{1}{21}$	$\frac{43}{132}$	$\frac{10}{21}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}^3\ \Phi_{84}^2\ \Phi_{77}^2\ \Phi_{66}^3\ \Phi_{44}^2\ \Phi_{42}^2\ \Phi_{33}^3\ \Phi_{28}^2\ \Phi_{22}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
160012	1958	1932	$\frac{3}{92}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{1932}\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{322}\ \Phi_{276}\ \Phi_{161}\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
160013	1958	2310	$\frac{1}{22}$	$\frac{1}{21}$	$\frac{21}{110}$	$\frac{10}{21}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{330}\ \Phi_{210}\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{105}\ \Phi_{70}\ \Phi_{55}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{10}^2\ \Phi_7\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
160014	1958	672	$\frac{1}{21}$	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{10}{21}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^2\ \Phi_{112}^3\ \Phi_{96}^4\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{48}^4\ \Phi_{42}^2\ \Phi_{32}^4\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_8^2\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
160015	1958	693	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{10}{21}$	$\Phi_{693}^3\ \Phi_{231}^2\ \Phi_{99}^4\ \Phi_{77}^2\ \Phi_{63}^3\ \Phi_{33}^3\ \Phi_{21}^3\ \Phi_{11}^2\ \Phi_9^4\ \Phi_7^3\ \Phi_3^4\ \Phi_1^4$
160016	1958	3000	$\frac{21}{1000}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{600}\ \Phi_{375}\ \Phi_{300}\ \Phi_{150}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
160017	1958	5586	$\frac{1}{49}$	$\frac{48}{931}$	$\frac{1}{3}$	$\frac{883}{1862}$	$\Phi_{5586}\ \Phi_{798}\ \Phi_{294}\ \Phi_{147}\ \Phi_{114}\ \Phi_{42}\ \Phi_{21}\ \Phi_6$
160018	1958	1292	$\frac{10}{323}$	$\frac{1}{19}$	$\frac{313}{1292}$	$\frac{9}{19}$	$\Phi_{1292}^2\ \Phi_{646}^2\ \Phi_{76}^2\ \Phi_{68}^2\ \Phi_{38}^2\ \Phi_{34}^2\ \Phi_{19}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
160019	1958	1026	$\frac{47}{1026}$	$\frac{1}{19}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{1026}^2\ \Phi_{513}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{54}^2\ \Phi_{38}^2\ \Phi_{27}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
160020	1958	2484	$\frac{1}{23}$	$\frac{1}{18}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{621}\ \Phi_{414}\ \Phi_{207}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
160021	1958	3864	$\frac{1}{23}$	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{79}{168}$	$\Phi_{3864}\ \Phi_{1288}\ \Phi_{552}\ \Phi_{184}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
160022	1958	1824	$\frac{1}{19}$	$\frac{67}{912}$	$\frac{9}{76}$	$\frac{845}{1824}$	$\Phi_{1824}^2\ \Phi_{608}^2\ \Phi_{96}^2\ \Phi_{76}^2\ \Phi_{38}^2\ \Phi_{32}^2\ \Phi_{19}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
160023	1958	5460	$\frac{1}{70}$	$\frac{69}{910}$	$\frac{1}{3}$	$\frac{841}{1820}$	$\Phi_{5460}\ \Phi_{1092}\ \Phi_{780}\ \Phi_{420}\ \Phi_{210}\ \Phi_{156}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
160024	1958	103	$\frac{4}{103}$	$\frac{9}{103}$	$\frac{14}{103}$	$\frac{47}{103}$	$\Phi_{103}^{19}\ \Phi_1^{20}$
160025	1958	3726	$\frac{1}{23}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{162}$	$\Phi_{3726}\ \Phi_{1242}\ \Phi_{414}\ \Phi_{207}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
160026	1958	180	$\frac{1}{90}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{180}^{20}\ \Phi_{90}^2\ \Phi_{60}^{19}\ \Phi_{45}^2\ \Phi_{36}^{20}\ \Phi_{30}^2\ \Phi_{20}^{20}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^{19}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^{20}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160027	1958	1180	$\frac{1}{59}$	$\frac{1}{10}$	$\frac{29}{118}$	$\frac{9}{20}$	$\Phi_{1180}^3\ \Phi_{236}^3\ \Phi_{118}^2\ \Phi_{59}\ \Phi_{20}^4\ \Phi_4^4\ \Phi_2^2\ \Phi_1^2$
160028	1958	2300	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{11}{100}$	$\frac{9}{20}$	$\Phi_{2300}\ \Phi_{1150}\ \Phi_{575}\ \Phi_{230}\ \Phi_{115}\ \Phi_{46}$
160029	1958	1764	$\frac{1}{98}$	$\frac{97}{882}$	$\frac{1}{3}$	$\frac{785}{1764}$	$\Phi_{1764}^2\ \Phi_{588}^2\ \Phi_{294}\ \Phi_{252}^2\ \Phi_{196}^2\ \Phi_{147}\ \Phi_{84}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$
160030	1958	3680	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{160}$	$\Phi_{3680}\ \Phi_{736}\ \Phi_{230}\ \Phi_{115}\ \Phi_{46}$
160031	1958	1064	$\frac{1}{19}$	$\frac{85}{1064}$	$\frac{9}{76}$	$\frac{67}{152}$	$\Phi_{1064}^2\ \Phi_{532}^2\ \Phi_{266}^2\ \Phi_{133}^2\ \Phi_{76}^2\ \Phi_{56}^2\ \Phi_{38}^2\ \Phi_{28}^2\ \Phi_{19}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
160032	1958	1729	$\frac{1}{19}$	$\frac{18}{247}$	$\frac{229}{1729}$	$\frac{750}{1729}$	$\Phi_{1729}\ \Phi_{247}^2\ \Phi_{133}\ \Phi_{91}\ \Phi_{19}\ \Phi_{13}^2\ \Phi_7\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160033	1958	1680	$\frac{1}{140}$	$\frac{139}{840}$	$\frac{1}{3}$	$\frac{701}{1680}$	$\Phi_{1680}^2\ \Phi_{560}^2\ \Phi_{420}\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{210}\ \Phi_{112}^2\ \Phi_{105}\ \Phi_{84}\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
160034	1958	2208	$\frac{1}{23}$	$\frac{7}{96}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{552}\ \Phi_{368}\ \Phi_{184}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
160035	1958	3450	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{61}{150}$	$\Phi_{3450}\ \Phi_{1150}\ \Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{138}\ \Phi_{115}\ \Phi_{69}\ \Phi_{46}$
160036	1958	1648	$\frac{1}{103}$	$\frac{155}{824}$	$\frac{51}{206}$	$\frac{669}{1648}$	$\Phi_{1648}^2\ \Phi_{206}^2\ \Phi_{103}\ \Phi_{16}^2\ \Phi_2^2\ \Phi_1^2$
160037	1958	3222	$\frac{1}{179}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{3222}\ \Phi_{1074}\ \Phi_{537}\ \Phi_{358}$
160038	1958	3312	$\frac{1}{23}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{55}{144}$	$\Phi_{3312}\ \Phi_{1104}\ \Phi_{414}\ \Phi_{368}\ \Phi_{207}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
160039	1958	1236	$\frac{1}{103}$	$\frac{257}{1236}$	$\frac{51}{206}$	$\frac{155}{412}$	$\Phi_{1236}^2\ \Phi_{618}^2\ \Phi_{309}^2\ \Phi_{206}^2\ \Phi_{103}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
160040	1958	4704	$\frac{1}{196}$	$\frac{195}{784}$	$\frac{1}{3}$	$\frac{589}{1568}$	$\Phi_{4704}\ \Phi_{672}\ \Phi_{588}\ \Phi_{294}\ \Phi_{147}\ \Phi_{96}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
160041	1958	984	$\frac{5}{984}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{984}^2\ \Phi_{492}^2\ \Phi_{328}^2\ \Phi_{246}^2\ \Phi_{164}^2\ \Phi_{123}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{24}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160042	1958	2864	$\frac{1}{179}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{2864}\ \Phi_{716}\ \Phi_{358}$
160043	1958	1545	$\frac{1}{103}$	$\frac{102}{515}$	$\frac{413}{1545}$	$\frac{566}{1545}$	$\Phi_{1545}\ \Phi_{515}^2\ \Phi_{309}\ \Phi_{103}\ \Phi_{15}\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
160044	1958	1482	$\frac{9}{247}$	$\frac{1}{19}$	$\frac{238}{741}$	$\frac{503}{1482}$	$\Phi_{1482}^2\ \Phi_{494}^2\ \Phi_{247}^2\ \Phi_{114}^2\ \Phi_{78}^2\ \Phi_{38}^2\ \Phi_{26}^2\ \Phi_{19}\ \Phi_{13}^2\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
160045	1958	1470	$\frac{1}{245}$	$\frac{244}{735}$	$\frac{1}{3}$	$\frac{491}{1470}$	$\Phi_{1470}^2\ \Phi_{735}\ \Phi_{490}^2\ \Phi_{294}^2\ \Phi_{210}^2\ \Phi_{147}\ \Phi_{105}\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
160046	1958	1464	$\frac{3}{488}$	$\frac{1}{4}$	$\frac{485}{1464}$	$\frac{1}{3}$	$\Phi_{1464}\ \Phi_{732}\ \Phi_{488}^2\ \Phi_{366}\ \Phi_{244}^2\ \Phi_{183}\ \Phi_{122}^2\ \Phi_{61}^2\ \Phi_{24}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160047	1958	1260	$\frac{1}{140}$	$\frac{281}{1260}$	$\frac{139}{420}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{84}\ \Phi_{63}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
160048	1958	1176	$\frac{1}{98}$	$\frac{197}{1176}$	$\frac{97}{294}$	$\frac{1}{3}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{392}^2\ \Phi_{294}\ \Phi_{196}^2\ \Phi_{168}^2\ \Phi_{147}\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2$
160049	1958	132	$\frac{1}{44}$	$\frac{1}{12}$	$\frac{43}{132}$	$\frac{1}{3}$	$\Phi_{132}^{15}\ \Phi_{66}^{15}\ \Phi_{44}^{14}\ \Phi_{33}^{15}\ \Phi_{22}^{14}\ \Phi_{12}^{17}\ \Phi_{11}^{14}\ \Phi_6^{17}\ \Phi_4^{16}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{16}$
160050	1958	1050	$\frac{1}{35}$	$\frac{71}{1050}$	$\frac{34}{105}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_2^2$
160051	1958	1440	$\frac{19}{480}$	$\frac{1}{20}$	$\frac{461}{1440}$	$\frac{1}{3}$	$\Phi_{1440}^2\ \Phi_{720}^2\ \Phi_{360}^2\ \Phi_{288}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
160052	1958	1020	$\frac{41}{1020}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{204}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{60}\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{30}\ \Phi_{17}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
160053	1958	1428	$\frac{1}{28}$	$\frac{27}{476}$	$\frac{449}{1428}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}^2\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{204}\ \Phi_{119}^2\ \Phi_{102}\ \Phi_{84}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{42}^2\ \Phi_{34}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160054	1958	1008	$\frac{29}{1008}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6\ \Phi_4^2$
160055	1958	90	$\frac{1}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{90}^{22}\ \Phi_{45}^{22}\ \Phi_{30}^{22}\ \Phi_{18}^{22}\ \Phi_{15}^{21}\ \Phi_{10}^{22}\ \Phi_9^{22}\ \Phi_6^{22}\ \Phi_5^{20}\ \Phi_3^{20}\ \Phi_2^{22}\ \Phi_1^{20}$
160056	1958	3660	$\frac{3}{244}$	$\frac{241}{1220}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3660}\ \Phi_{1830}\ \Phi_{915}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
160057	1958	2976	$\frac{13}{992}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2976}\ \Phi_{1488}\ \Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{96}\ \Phi_{93}\ \Phi_{12}\ \Phi_6$
160058	1958	276	$\frac{3}{92}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{276}^7\ \Phi_{138}^7\ \Phi_{92}^8\ \Phi_{69}^7\ \Phi_{46}^8\ \Phi_{23}^8\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160059	1958	3900	$\frac{4}{325}$	$\frac{1}{5}$	$\frac{321}{1300}$	$\frac{1}{3}$	$\Phi_{3900}\ \Phi_{1950}\ \Phi_{780}\ \Phi_{390}\ \Phi_{300}\ \Phi_{156}\ \Phi_{150}\ \Phi_{78}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
160060	1958	3864	$\frac{13}{322}$	$\frac{1}{14}$	$\frac{309}{1288}$	$\frac{1}{3}$	$\Phi_{3864}\ \Phi_{1932}\ \Phi_{552}\ \Phi_{276}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
160061	1958	3120	$\frac{1}{20}$	$\frac{61}{1040}$	$\frac{19}{80}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{624}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{78}\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
160062	1958	3840	$\frac{1}{20}$	$\frac{19}{320}$	$\frac{301}{1280}$	$\frac{1}{3}$	$\Phi_{3840}\ \Phi_{1920}\ \Phi_{768}\ \Phi_{384}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
160063	1958	1260	$\frac{1}{35}$	$\frac{34}{315}$	$\frac{281}{1260}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
160064	1958	546	$\frac{2}{91}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{546}^7\ \Phi_{273}^4\ \Phi_{78}^7\ \Phi_{42}^5\ \Phi_{39}^4\ \Phi_{21}^3\ \Phi_6^5\ \Phi_3^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160065	1958	1170	$\frac{4}{195}$	$\frac{191}{1170}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{390}^2\ \Phi_{234}^2\ \Phi_{130}^2\ \Phi_{117}^2\ \Phi_{90}^2\ \Phi_{78}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_2^2$
160066	1958	3000	$\frac{21}{1000}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{600}\ \Phi_{375}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
160067	1958	1050	$\frac{4}{75}$	$\frac{71}{1050}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_2^2$
160068	1958	3120	$\frac{61}{1040}$	$\frac{4}{65}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{624}\ \Phi_{390}\ \Phi_{312}\ \Phi_{240}\ \Phi_{156}\ \Phi_{120}\ \Phi_{78}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
160069	1958	660	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{21}{110}$	$\frac{1}{3}$	$\Phi_{660}^4\ \Phi_{330}^3\ \Phi_{220}^4\ \Phi_{165}^3\ \Phi_{110}^4\ \Phi_{60}^4\ \Phi_{55}^4\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^4\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160070	1958	1200	$\frac{1}{20}$	$\frac{19}{240}$	$\frac{221}{1200}$	$\frac{1}{3}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
160071	1958	1080	$\frac{1}{20}$	$\frac{101}{1080}$	$\frac{19}{120}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
160072	1958	105	$\frac{2}{35}$	$\frac{3}{35}$	$\frac{16}{105}$	$\frac{1}{3}$	$\Phi_{105}^{17}\ \Phi_{35}^{22}\ \Phi_{21}^{17}\ \Phi_{15}^{17}\ \Phi_7^{22}\ \Phi_5^{22}\ \Phi_3^{16}\ \Phi_1^{22}$
160073	1958	3360	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{141}{1120}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{672}\ \Phi_{420}\ \Phi_{336}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
160074	1958	96	$\frac{7}{96}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{96}^{22}\ \Phi_{48}^{22}\ \Phi_{32}^{22}\ \Phi_{24}^{15}\ \Phi_{16}^{22}\ \Phi_{12}^{17}\ \Phi_8^{14}\ \Phi_6^{17}\ \Phi_4^{16}\ \Phi_3^{16}\ \Phi_2^{16}\ \Phi_1^{16}$
160075	1958	294	$\frac{4}{49}$	$\frac{9}{98}$	$\frac{5}{49}$	$\frac{1}{3}$	$\Phi_{294}^{11}\ \Phi_{147}^9\ \Phi_{42}^{11}\ \Phi_{21}^9\ \Phi_6^{11}\ \Phi_3^8$
160076	1958	396	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{3}$	$\Phi_{396}^6\ \Phi_{198}^6\ \Phi_{132}^4\ \Phi_{99}^4\ \Phi_{66}^4\ \Phi_{44}^4\ \Phi_{36}^6\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{18}^6\ \Phi_{12}^6\ \Phi_{11}^2\ \Phi_9^4\ \Phi_6^6\ \Phi_4^6\ \Phi_3^4\ \Phi_2^6\ \Phi_1^4$
160077	1958	924	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{43}{132}$	$\Phi_{924}^3\ \Phi_{462}^3\ \Phi_{231}^3\ \Phi_{132}^4\ \Phi_{84}^3\ \Phi_{66}^4\ \Phi_{42}^3\ \Phi_{33}^4\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_7\ \Phi_6^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^2$
160078	1958	2484	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{2484}\ \Phi_{1242}\ \Phi_{828}\ \Phi_{414}\ \Phi_{276}\ \Phi_{207}\ \Phi_{138}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}$
160079	1958	1140	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{161}{1140}$	$\frac{67}{228}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{60}^2\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
160080	1958	2898	$\frac{1}{23}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{126}$	$\Phi_{2898}\ \Phi_{1449}\ \Phi_{414}\ \Phi_{207}\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}$
160081	1958	1368	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{67}{456}$	$\frac{389}{1368}$	$\Phi_{1368}^2\ \Phi_{684}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{76}^2\ \Phi_{72}^2\ \Phi_{38}^2\ \Phi_{36}^2\ \Phi_{19}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
160082	1958	1770	$\frac{1}{59}$	$\frac{1}{5}$	$\frac{29}{118}$	$\frac{4}{15}$	$\Phi_{1770}^2\ \Phi_{885}\ \Phi_{354}^2\ \Phi_{177}\ \Phi_{118}^2\ \Phi_{59}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
160083	1958	2760	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{120}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{276}\ \Phi_{230}\ \Phi_{138}\ \Phi_{115}\ \Phi_{69}\ \Phi_{46}$
160084	1958	644	$\frac{3}{92}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{644}^3\ \Phi_{322}^3\ \Phi_{161}^3\ \Phi_{92}^4\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{14}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
160085	1958	1140	$\frac{1}{19}$	$\frac{161}{1140}$	$\frac{29}{190}$	$\frac{9}{38}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{285}^2\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{76}^2\ \Phi_{60}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
160086	1958	1216	$\frac{1}{19}$	$\frac{9}{76}$	$\frac{237}{1216}$	$\frac{67}{304}$	$\Phi_{1216}^2\ \Phi_{608}^2\ \Phi_{76}^2\ \Phi_{64}^2\ \Phi_{38}^2\ \Phi_{32}^2\ \Phi_{19}\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
160087	1958	770	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{21}{110}$	$\frac{3}{14}$	$\Phi_{770}^3\ \Phi_{385}^3\ \Phi_{110}^4\ \Phi_{70}^3\ \Phi_{55}^4\ \Phi_{35}^3\ \Phi_{14}^2\ \Phi_{10}^4\ \Phi_7\ \Phi_5^4\ \Phi_2^2\ \Phi_1^2$
160088	1958	672	$\frac{7}{96}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^4\ \Phi_{96}^4\ \Phi_{84}^3\ \Phi_{48}^4\ \Phi_{42}^3\ \Phi_{32}^4\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{16}^4\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_7\ \Phi_6^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^2$
160089	1958	1386	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{1386}^2\ \Phi_{693}\ \Phi_{462}^2\ \Phi_{231}\ \Phi_{198}^2\ \Phi_{126}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{33}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
160090	1959	2604	$\frac{2}{651}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{649}{1302}$	$\Phi_{2604}\ \Phi_{868}\ \Phi_{651}\ \Phi_{372}\ \Phi_{217}\ \Phi_{124}\ \Phi_{93}\ \Phi_{84}\ \Phi_{31}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}^2\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
160091	1959	872	$\frac{1}{218}$	$\frac{1}{4}$	$\frac{219}{872}$	$\frac{217}{436}$	$\Phi_{872}^3\ \Phi_{436}^2\ \Phi_{218}\ \Phi_{109}\ \Phi_8^3\ \Phi_4\ \Phi_1$
160092	1959	3560	$\frac{1}{178}$	$\frac{179}{1780}$	$\frac{1601}{3560}$	$\frac{177}{356}$	$\Phi_{3560}\ \Phi_{712}\ \Phi_{356}\ \Phi_{40}\ \Phi_8\ \Phi_4\ \Phi_1$
160093	1959	1296	$\frac{5}{648}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{643}{1296}$	$\Phi_{1296}^3\ \Phi_{432}^3\ \Phi_{144}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
160094	1959	3872	$\frac{23}{1936}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{1913}{3872}$	$\Phi_{3872}\ \Phi_{352}\ \Phi_{44}\ \Phi_{32}\ \Phi_4\ \Phi_1$
160095	1959	1276	$\frac{15}{638}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{623}{1276}$	$\Phi_{1276}^3\ \Phi_{116}^3\ \Phi_{44}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160096	1959	880	$\frac{7}{220}$	$\frac{1}{22}$	$\frac{227}{880}$	$\frac{213}{440}$	$\Phi_{880}^3\ \Phi_{220}^3\ \Phi_{176}^3\ \Phi_{110}^3\ \Phi_{80}^3\ \Phi_{55}^3\ \Phi_{44}^3\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{11}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
160097	1959	968	$\frac{23}{968}$	$\frac{1}{22}$	$\frac{315}{968}$	$\frac{21}{44}$	$\Phi_{968}^2\ \Phi_{484}^2\ \Phi_{242}^2\ \Phi_{121}^2\ \Phi_{88}^2\ \Phi_{44}^3\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
160098	1959	2024	$\frac{65}{2024}$	$\frac{1}{22}$	$\frac{23}{88}$	$\frac{21}{44}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{253}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}\ \Phi_{44}\ \Phi_{23}\ \Phi_4\ \Phi_1$
160099	1959	2420	$\frac{1}{22}$	$\frac{23}{484}$	$\frac{461}{2420}$	$\frac{21}{44}$	$\Phi_{2420}\ \Phi_{1210}\ \Phi_{605}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
160100	1959	704	$\frac{1}{22}$	$\frac{51}{704}$	$\frac{23}{176}$	$\frac{21}{44}$	$\Phi_{704}^3\ \Phi_{352}^3\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{64}^3\ \Phi_{44}^3\ \Phi_{32}^3\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
160101	1959	3740	$\frac{1}{22}$	$\frac{89}{1870}$	$\frac{21}{110}$	$\frac{1781}{3740}$	$\Phi_{3740}\ \Phi_{748}\ \Phi_{340}\ \Phi_{220}\ \Phi_{110}\ \Phi_{68}\ \Phi_{55}\ \Phi_{44}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
160102	1959	792	$\frac{1}{22}$	$\frac{7}{132}$	$\frac{139}{792}$	$\frac{125}{264}$	$\Phi_{792}^3\ \Phi_{396}^3\ \Phi_{198}^3\ \Phi_{132}^3\ \Phi_{99}^3\ \Phi_{72}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{36}^3\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_9^3\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
160103	1959	1232	$\frac{1}{22}$	$\frac{37}{616}$	$\frac{7}{44}$	$\frac{579}{1232}$	$\Phi_{1232}^3\ \Phi_{176}^3\ \Phi_{112}^3\ \Phi_{44}^3\ \Phi_{22}^2\ \Phi_{16}^3\ \Phi_{11}^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
160104	1959	2200	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{241}{2200}$	$\frac{199}{440}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{220}\ \Phi_{200}\ \Phi_{110}\ \Phi_{100}\ \Phi_{55}\ \Phi_{50}\ \Phi_{44}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
160105	1959	1188	$\frac{1}{22}$	$\frac{59}{594}$	$\frac{7}{66}$	$\frac{535}{1188}$	$\Phi_{1188}^3\ \Phi_{396}^3\ \Phi_{132}^3\ \Phi_{108}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{36}^3\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
160106	1959	3520	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{199}{1760}$	$\frac{1561}{3520}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{220}\ \Phi_{110}\ \Phi_{64}\ \Phi_{55}\ \Phi_{44}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
160107	1959	704	$\frac{1}{22}$	$\frac{51}{704}$	$\frac{7}{44}$	$\frac{37}{88}$	$\Phi_{704}^3\ \Phi_{352}^3\ \Phi_{176}^3\ \Phi_{64}^3\ \Phi_{44}^3\ \Phi_{32}^3\ \Phi_{22}^2\ \Phi_{16}^3\ \Phi_{11}^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
160108	1959	660	$\frac{7}{660}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^3\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{110}^3\ \Phi_{66}^3\ \Phi_{60}^3\ \Phi_{55}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{30}^3\ \Phi_{22}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{11}^3\ \Phi_{10}^3\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
160109	1959	1100	$\frac{1}{22}$	$\frac{7}{110}$	$\frac{103}{550}$	$\frac{447}{1100}$	$\Phi_{1100}^3\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{100}^3\ \Phi_{55}^3\ \Phi_{44}^3\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{11}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
160110	1959	2180	$\frac{1}{109}$	$\frac{108}{545}$	$\frac{1}{4}$	$\frac{437}{1090}$	$\Phi_{2180}\ \Phi_{545}\ \Phi_{436}^2\ \Phi_{218}\ \Phi_{109}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
160111	1959	1068	$\frac{1}{178}$	$\frac{119}{534}$	$\frac{59}{178}$	$\frac{415}{1068}$	$\Phi_{1068}^3\ \Phi_{356}^3\ \Phi_{178}^2\ \Phi_{89}^2\ \Phi_{12}^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
160112	1959	1056	$\frac{1}{22}$	$\frac{7}{132}$	$\frac{125}{528}$	$\frac{403}{1056}$	$\Phi_{1056}^3\ \Phi_{352}^3\ \Phi_{132}^3\ \Phi_{96}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{32}^3\ \Phi_{22}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
160113	1959	2848	$\frac{1}{178}$	$\frac{177}{712}$	$\frac{889}{2848}$	$\frac{535}{1424}$	$\Phi_{2848}\ \Phi_{712}\ \Phi_{356}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
160114	1959	979	$\frac{4}{979}$	$\frac{325}{979}$	$\frac{326}{979}$	$\frac{327}{979}$	$\Phi_{979}^2\ \Phi_{89}^2\ \Phi_{11}^2\ \Phi_1^3$
160115	1959	744	$\frac{2}{93}$	$\frac{91}{744}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{744}^3\ \Phi_{372}^2\ \Phi_{248}^3\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{93}^3\ \Phi_{62}^2\ \Phi_{31}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
160116	1959	672	$\frac{19}{672}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{84}^2\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{42}^2\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
160117	1959	972	$\frac{5}{324}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{319}{972}$	$\Phi_{972}^3\ \Phi_{486}^3\ \Phi_{243}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
160118	1959	792	$\frac{1}{22}$	$\frac{7}{66}$	$\frac{139}{792}$	$\frac{59}{198}$	$\Phi_{792}^3\ \Phi_{396}^3\ \Phi_{264}^3\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{72}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{36}^3\ \Phi_{33}^3\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_8^3\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
160119	1959	924	$\frac{1}{22}$	$\frac{37}{308}$	$\frac{7}{44}$	$\frac{271}{924}$	$\Phi_{924}^3\ \Phi_{462}^3\ \Phi_{231}^3\ \Phi_{132}^3\ \Phi_{84}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{42}^3\ \Phi_{33}^3\ \Phi_{22}^2\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_{11}^2\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
160120	1959	1332	$\frac{13}{666}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{1332}^2\ \Phi_{666}\ \Phi_{444}^2\ \Phi_{333}\ \Phi_{222}\ \Phi_{148}^2\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
160121	1959	880	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{199}{880}$	$\frac{227}{880}$	$\Phi_{880}^2\ \Phi_{440}^2\ \Phi_{220}^3\ \Phi_{176}^2\ \Phi_{110}^3\ \Phi_{88}^2\ \Phi_{80}^2\ \Phi_{55}^3\ \Phi_{44}^3\ \Phi_{40}^2\ \Phi_{22}^2\ \Phi_{20}^3\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_5^3\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
160122	1959	864	$\frac{5}{216}$	$\frac{1}{6}$	$\frac{211}{864}$	$\frac{1}{4}$	$\Phi_{864}^3\ \Phi_{432}^3\ \Phi_{288}^3\ \Phi_{144}^3\ \Phi_{96}^3\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
160123	1959	672	$\frac{19}{672}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_7^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
160124	1959	1620	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{157}{810}$	$\frac{1}{4}$	$\Phi_{1620}^2\ \Phi_{810}\ \Phi_{540}^2\ \Phi_{405}\ \Phi_{270}\ \Phi_{180}^2\ \Phi_{135}\ \Phi_{90}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
160125	1959	684	$\frac{31}{684}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{684}^3\ \Phi_{342}^3\ \Phi_{228}^3\ \Phi_{171}^3\ \Phi_{114}^3\ \Phi_{76}^3\ \Phi_{57}^3\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160126	1959	756	$\frac{5}{108}$	$\frac{103}{756}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{252}^3\ \Phi_{189}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_7^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
160127	1959	720	$\frac{5}{72}$	$\frac{67}{720}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6\ \Phi_5^3\ \Phi_4\ \Phi_3\ \Phi_1$
160128	1959	1404	$\frac{49}{702}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1404}^2\ \Phi_{702}\ \Phi_{468}^2\ \Phi_{351}\ \Phi_{234}\ \Phi_{156}^2\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
160129	1960	489	$\frac{1}{489}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{244}{489}$	$\Phi_{489}^4\ \Phi_{163}^4\ \Phi_3^5\ \Phi_1^6$
160130	1960	1959	$\frac{5}{1959}$	$\frac{491}{1959}$	$\frac{734}{1959}$	$\frac{977}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_3\ \Phi_1^2$
160131	1960	3128	$\frac{1}{391}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{195}{391}$	$\Phi_{3128}\ \Phi_{391}\ \Phi_{184}\ \Phi_{136}\ \Phi_{23}\ \Phi_{17}\ \Phi_8^2\ \Phi_1^2$
160132	1960	327	$\frac{1}{327}$	$\frac{82}{327}$	$\frac{1}{3}$	$\frac{163}{327}$	$\Phi_{327}^6\ \Phi_{109}^6\ \Phi_3^5\ \Phi_1^6$
160133	1960	1116	$\frac{1}{279}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{139}{279}$	$\Phi_{1116}^3\ \Phi_{372}^3\ \Phi_{279}\ \Phi_{124}^3\ \Phi_{93}\ \Phi_{36}^3\ \Phi_{31}\ \Phi_{12}^4\ \Phi_9\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
160134	1960	279	$\frac{1}{279}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{139}{279}$	$\Phi_{279}^7\ \Phi_{93}^7\ \Phi_{31}^7\ \Phi_9^8\ \Phi_3^7\ \Phi_1^8$
160135	1960	3416	$\frac{1}{244}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{243}{488}$	$\Phi_{3416}\ \Phi_{488}^2\ \Phi_{56}\ \Phi_8^2\ \Phi_7\ \Phi_1^2$
160136	1960	7320	$\frac{1}{244}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{243}{488}$	$\Phi_{7320}\ \Phi_{120}\ \Phi_{15}$
160137	1960	653	$\frac{3}{653}$	$\frac{163}{653}$	$\frac{164}{653}$	$\frac{325}{653}$	$\Phi_{653}^3\ \Phi_1^4$
160138	1960	585	$\frac{1}{195}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{97}{195}$	$\Phi_{585}^3\ \Phi_{195}^4\ \Phi_{117}^3\ \Phi_{65}^4\ \Phi_{45}^3\ \Phi_{39}^4\ \Phi_{15}^4\ \Phi_{13}^4\ \Phi_9^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
160139	1960	390	$\frac{1}{195}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{97}{195}$	$\Phi_{390}^6\ \Phi_{195}^4\ \Phi_{130}^6\ \Phi_{78}^6\ \Phi_{65}^4\ \Phi_{39}^4\ \Phi_{30}^6\ \Phi_{26}^6\ \Phi_{15}^4\ \Phi_{13}^4\ \Phi_{10}^6\ \Phi_6^8\ \Phi_5^4\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
160140	1960	1959	$\frac{11}{1959}$	$\frac{197}{1959}$	$\frac{881}{1959}$	$\frac{974}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_3\ \Phi_1^2$
160141	1960	1807	$\frac{1}{139}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{69}{139}$	$\Phi_{1807}\ \Phi_{139}^2\ \Phi_{13}^2\ \Phi_1^4$
160142	1960	3336	$\frac{1}{139}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{69}{139}$	$\Phi_{3336}\ \Phi_{1668}\ \Phi_{834}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
160143	1960	786	$\frac{1}{131}$	$\frac{1}{6}$	$\frac{33}{131}$	$\frac{65}{131}$	$\Phi_{786}^3\ \Phi_{393}^3\ \Phi_{262}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
160144	1960	653	$\frac{5}{653}$	$\frac{47}{653}$	$\frac{303}{653}$	$\frac{324}{653}$	$\Phi_{653}^3\ \Phi_1^4$
160145	1960	486	$\frac{2}{243}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{241}{486}$	$\Phi_{486}^8\ \Phi_{162}^8\ \Phi_{54}^8\ \Phi_{18}^8\ \Phi_9^2\ \Phi_6^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
160146	1960	1959	$\frac{17}{1959}$	$\frac{293}{1959}$	$\frac{494}{1959}$	$\frac{971}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_3\ \Phi_1^2$
160147	1960	327	$\frac{1}{109}$	$\frac{11}{109}$	$\frac{1}{3}$	$\frac{54}{109}$	$\Phi_{327}^9\ \Phi_3^8$
160148	1960	1843	$\frac{1}{97}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{48}{97}$	$\Phi_{1843}\ \Phi_{97}^2\ \Phi_{19}^2\ \Phi_1^4$
160149	1960	3201	$\frac{1}{97}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{48}{97}$	$\Phi_{3201}\ \Phi_{33}^2$
160150	1960	1843	$\frac{1}{97}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{48}{97}$	$\Phi_{1843}\ \Phi_{97}^2\ \Phi_{19}^2\ \Phi_1^4$
160151	1960	2910	$\frac{1}{97}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{48}{97}$	$\Phi_{2910}\ \Phi_{1455}\ \Phi_{970}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
160152	1960	2248	$\frac{3}{281}$	$\frac{1}{8}$	$\frac{71}{281}$	$\frac{139}{281}$	$\Phi_{2248}\ \Phi_{1124}\ \Phi_{562}$
160153	1960	653	$\frac{7}{653}$	$\frac{33}{653}$	$\frac{310}{653}$	$\frac{323}{653}$	$\Phi_{653}^3\ \Phi_1^4$
160154	1960	2952	$\frac{1}{82}$	$\frac{1}{9}$	$\frac{83}{328}$	$\frac{81}{164}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{738}\ \Phi_{369}\ \Phi_{246}\ \Phi_{123}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_6$
160155	1960	1959	$\frac{25}{1959}$	$\frac{209}{1959}$	$\frac{496}{1959}$	$\frac{967}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_3\ \Phi_1^2$
160156	1960	981	$\frac{13}{981}$	$\frac{71}{981}$	$\frac{1}{3}$	$\frac{484}{981}$	$\Phi_{981}^2\ \Phi_{327}^2\ \Phi_{109}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
160157	1960	621	$\frac{1}{69}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{34}{69}$	$\Phi_{621}^3\ \Phi_{207}^3\ \Phi_{69}^4\ \Phi_{27}^4\ \Phi_{23}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
160158	1960	345	$\frac{1}{69}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{34}{69}$	$\Phi_{345}^6\ \Phi_{115}^6\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_{15}^8\ \Phi_5^8\ \Phi_3^5\ \Phi_1^6$
160159	1960	207	$\frac{1}{69}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{34}{69}$	$\Phi_{207}^9\ \Phi_{69}^{10}\ \Phi_{23}^{10}\ \Phi_9^{12}\ \Phi_3^{13}\ \Phi_1^{14}$
160160	1960	2760	$\frac{1}{69}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{34}{69}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{920}\ \Phi_{690}\ \Phi_{460}\ \Phi_{230}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{10}^2$
160161	1960	1959	$\frac{29}{1959}$	$\frac{71}{1959}$	$\frac{944}{1959}$	$\frac{965}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_3\ \Phi_1^2$
160162	1960	2167	$\frac{3}{197}$	$\frac{1}{11}$	$\frac{50}{197}$	$\frac{97}{197}$	Φ_{2167}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160163	1960	1959	$\frac{31}{1959}$	$\frac{199}{1959}$	$\frac{440}{1959}$	$\frac{964}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_3\ \Phi_1^2$
160164	1960	653	$\frac{11}{653}$	$\frac{83}{653}$	$\frac{114}{653}$	$\frac{321}{653}$	$\Phi_{653}^3\ \Phi_1^4$
160165	1960	786	$\frac{7}{393}$	$\frac{50}{393}$	$\frac{1}{6}$	$\frac{193}{393}$	$\Phi_{786}^3\ \Phi_{393}^2\ \Phi_{262}^3\ \Phi_{131}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160166	1960	3740	$\frac{1}{55}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{27}{55}$	$\Phi_{3740}\ \Phi_{748}\ \Phi_{340}\ \Phi_{220}\ \Phi_{68}^2\ \Phi_{55}\ \Phi_{44}\ \Phi_{20}\ \Phi_{11}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
160167	1960	2805	$\frac{1}{55}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{27}{55}$	$\Phi_{2805}\ \Phi_{561}\ \Phi_{255}\ \Phi_{165}\ \Phi_{55}\ \Phi_{51}^2\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
160168	1960	935	$\frac{1}{55}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{27}{55}$	$\Phi_{935}^2\ \Phi_{187}^2\ \Phi_{85}^2\ \Phi_{55}^3\ \Phi_{17}^4\ \Phi_{11}^3\ \Phi_5^3\ \Phi_1^6$
160169	1960	1320	$\frac{1}{55}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{27}{55}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}^2\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{120}^2\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{11}\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
160170	1960	2455	$\frac{9}{491}$	$\frac{50}{491}$	$\frac{1}{5}$	$\frac{241}{491}$	Φ_{2455}
160171	1960	1959	$\frac{37}{1959}$	$\frac{146}{1959}$	$\frac{499}{1959}$	$\frac{961}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_3\ \Phi_1^2$
160172	1960	981	$\frac{19}{981}$	$\frac{50}{981}$	$\frac{1}{3}$	$\frac{481}{981}$	$\Phi_{981}^2\ \Phi_{327}^2\ \Phi_{109}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
160173	1960	1248	$\frac{1}{48}$	$\frac{1}{39}$	$\frac{19}{39}$	$\frac{47}{96}$	$\Phi_{1248}^3\ \Phi_{416}^3\ \Phi_{96}^4\ \Phi_{39}\ \Phi_{32}^4\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
160174	1960	672	$\frac{1}{48}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{47}{96}$	$\Phi_{672}^6\ \Phi_{224}^6\ \Phi_{96}^4\ \Phi_{32}^4\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
160175	1960	1248	$\frac{1}{48}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{47}{96}$	$\Phi_{1248}^3\ \Phi_{416}^3\ \Phi_{96}^4\ \Phi_{32}^4\ \Phi_{13}^3\ \Phi_1^4$
160176	1960	5280	$\frac{1}{48}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{47}{96}$	$\Phi_{5280}\ \Phi_{1760}\ \Phi_{55}$
160177	1960	1248	$\frac{1}{48}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{47}{96}$	$\Phi_{1248}^3\ \Phi_{416}^3\ \Phi_{96}^4\ \Phi_{39}\ \Phi_{32}^4\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
160178	1960	288	$\frac{1}{48}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{47}{96}$	$\Phi_{288}^{15}\ \Phi_{96}^{10}\ \Phi_{32}^{10}\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160179	1960	705	$\frac{1}{47}$	$\frac{1}{15}$	$\frac{12}{47}$	$\frac{23}{47}$	$\Phi_{705}^3\ \Phi_{235}^3\ \Phi_{141}^3\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2$
160180	1960	1959	$\frac{43}{1959}$	$\frac{143}{1959}$	$\frac{454}{1959}$	$\frac{958}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_3\ \Phi_1^2$
160181	1960	2248	$\frac{7}{281}$	$\frac{1}{8}$	$\frac{36}{281}$	$\frac{137}{281}$	$\Phi_{2248}\ \Phi_{1124}\ \Phi_{562}$
160182	1960	1959	$\frac{49}{1959}$	$\frac{244}{1959}$	$\frac{251}{1959}$	$\frac{955}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_3\ \Phi_1^2$
160183	1960	663	$\frac{1}{39}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{663}^3\ \Phi_{221}^3\ \Phi_{51}^4\ \Phi_{39}\ \Phi_{17}^4\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
160184	1960	936	$\frac{1}{39}$	$\frac{1}{24}$	$\frac{23}{72}$	$\frac{19}{39}$	$\Phi_{936}^3\ \Phi_{468}^3\ \Phi_{234}^3\ \Phi_{117}^3\ \Phi_{72}^4\ \Phi_{39}\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{13}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
160185	1960	156	$\frac{1}{39}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{19}{39}$	$\Phi_{156}^{12}\ \Phi_{78}^{12}\ \Phi_{52}^{13}\ \Phi_{39}^{13}\ \Phi_{26}^{13}\ \Phi_{13}^{14}\ \Phi_{12}^{12}\ \Phi_6^{12}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
160186	1960	2496	$\frac{1}{39}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{19}{39}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{832}\ \Phi_{416}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{39}\ \Phi_{32}^2\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
160187	1960	780	$\frac{1}{39}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{19}{39}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{260}^3\ \Phi_{195}^3\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{60}^4\ \Phi_{39}\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{13}\ \Phi_{10}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
160188	1960	702	$\frac{1}{39}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{19}{39}$	$\Phi_{702}^3\ \Phi_{351}^3\ \Phi_{234}^3\ \Phi_{117}^3\ \Phi_{54}^4\ \Phi_{39}\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{13}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
160189	1960	312	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{19}{39}$	$\Phi_{312}^6\ \Phi_{156}^6\ \Phi_{104}^6\ \Phi_{78}^6\ \Phi_{52}^6\ \Phi_{39}^7\ \Phi_{26}^6\ \Phi_{24}^6\ \Phi_{13}^7\ \Phi_{12}^6\ \Phi_8^{12}\ \Phi_6^6\ \Phi_4^{12}\ \Phi_3^7\ \Phi_2^{12}\ \Phi_1^{14}$
160190	1960	2455	$\frac{13}{491}$	$\frac{36}{491}$	$\frac{1}{5}$	$\frac{239}{491}$	Φ_{2455}
160191	1960	1959	$\frac{53}{1959}$	$\frac{104}{1959}$	$\frac{503}{1959}$	$\frac{953}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_3\ \Phi_1^2$
160192	1960	327	$\frac{3}{109}$	$\frac{4}{109}$	$\frac{1}{3}$	$\frac{53}{109}$	$\Phi_{327}^9\ \Phi_3^8$
160193	1960	653	$\frac{19}{653}$	$\frac{48}{653}$	$\frac{121}{653}$	$\frac{317}{653}$	$\Phi_{653}^3\ \Phi_1^4$
160194	1960	5916	$\frac{1}{34}$	$\frac{1}{29}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{5916}\ \Phi_{348}\ \Phi_{87}$
160195	1960	3740	$\frac{1}{34}$	$\frac{3}{55}$	$\frac{13}{55}$	$\frac{33}{68}$	$\Phi_{3740}\ \Phi_{748}\ \Phi_{340}\ \Phi_{220}\ \Phi_{68}^2\ \Phi_{55}\ \Phi_{44}\ \Phi_{20}\ \Phi_{11}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
160196	1960	1020	$\frac{1}{34}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{33}{68}$	$\Phi_{1020}^4\ \Phi_{340}^3\ \Phi_{204}^4\ \Phi_{68}^4\ \Phi_{60}^4\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
160197	1960	2244	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{33}{68}$	$\Phi_{2244}^2\ \Phi_{748}\ \Phi_{204}^2\ \Phi_{132}^2\ \Phi_{68}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
160198	1960	3740	$\frac{1}{34}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{33}{68}$	$\Phi_{3740}\ \Phi_{748}\ \Phi_{340}\ \Phi_{220}\ \Phi_{68}^2\ \Phi_{55}\ \Phi_{44}\ \Phi_{20}\ \Phi_{11}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160199	1960	1224	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{33}{68}$	$\Phi_{1224}^2\ \Phi_{612}\ \Phi_{408}^2\ \Phi_{306}^2\ \Phi_{204}\ \Phi_{153}^2\ \Phi_{102}^2\ \Phi_{72}^3\ \Phi_{51}^2\ \Phi_{36}^2\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^3\ \Phi_3^2$
160200	1960	462	$\frac{1}{33}$	$\frac{1}{21}$	$\frac{17}{66}$	$\frac{16}{33}$	$\Phi_{462}^6\ \Phi_{231}^3\ \Phi_{154}^6\ \Phi_{77}^3\ \Phi_{66}^4\ \Phi_{42}^6\ \Phi_{33}^2\ \Phi_{22}^4\ \Phi_{21}^2\ \Phi_{14}^6\ \Phi_{11}^2\ \Phi_7^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
160201	1960	1959	$\frac{61}{1959}$	$\frac{202}{1959}$	$\frac{251}{1959}$	$\frac{949}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_3\ \Phi_1^2$
160202	1960	2248	$\frac{9}{281}$	$\frac{29}{281}$	$\frac{1}{8}$	$\frac{136}{281}$	$\Phi_{2248}\ \Phi_{1124}\ \Phi_{562}$
160203	1960	786	$\frac{13}{393}$	$\frac{29}{393}$	$\frac{1}{6}$	$\frac{190}{393}$	$\Phi_{786}^3\ \Phi_{393}^2\ \Phi_{262}^3\ \Phi_{131}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160204	1960	108	$\frac{1}{36}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{108}^{18}\ \Phi_{54}^{18}\ \Phi_{36}^{20}\ \Phi_{27}^{16}\ \Phi_{18}^{20}\ \Phi_{12}^{20}\ \Phi_9^{18}\ \Phi_6^{20}\ \Phi_4^{20}\ \Phi_3^{17}\ \Phi_2^{20}\ \Phi_1^{18}$
160205	1960	1242	$\frac{1}{27}$	$\frac{1}{23}$	$\frac{11}{46}$	$\frac{13}{27}$	$\Phi_{1242}^2\ \Phi_{621}\ \Phi_{414}^2\ \Phi_{207}\ \Phi_{138}^2\ \Phi_{69}\ \Phi_{54}^2\ \Phi_{46}^4\ \Phi_{27}^2\ \Phi_{23}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
160206	1960	621	$\frac{1}{27}$	$\frac{4}{69}$	$\frac{13}{69}$	$\frac{13}{27}$	$\Phi_{621}^3\ \Phi_{207}^3\ \Phi_{69}^4\ \Phi_{27}^4\ \Phi_{23}^4\ \Phi_9^4\ \Phi_3^5\ \Phi_1^6$
160207	1960	270	$\frac{1}{27}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{13}{27}$	$\Phi_{270}^9\ \Phi_{135}^6\ \Phi_{90}^9\ \Phi_{54}^6\ \Phi_{45}^6\ \Phi_{30}^{12}\ \Phi_{27}^4\ \Phi_{18}^6\ \Phi_{15}^8\ \Phi_{10}^{12}\ \Phi_9^4\ \Phi_6^8\ \Phi_5^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
160208	1960	621	$\frac{1}{27}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{13}{27}$	$\Phi_{621}^3\ \Phi_{207}^3\ \Phi_{69}^3\ \Phi_{27}^4\ \Phi_{23}^6\ \Phi_9^4\ \Phi_3^4\ \Phi_1^8$
160209	1960	2376	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{13}{27}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{594}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{22}^2$
160210	1960	1959	$\frac{85}{1959}$	$\frac{146}{1959}$	$\frac{259}{1959}$	$\frac{937}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_3\ \Phi_1^2$
160211	1960	2248	$\frac{13}{281}$	$\frac{21}{281}$	$\frac{1}{8}$	$\frac{134}{281}$	$\Phi_{2248}\ \Phi_{1124}\ \Phi_{562}$
160212	1960	2850	$\frac{1}{50}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{2850}\ \Phi_{1425}\ \Phi_{570}\ \Phi_{285}\ \Phi_{150}^2\ \Phi_{114}\ \Phi_{75}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
160213	1960	684	$\frac{1}{36}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{684}^3\ \Phi_{342}^3\ \Phi_{228}^3\ \Phi_{171}^3\ \Phi_{114}^3\ \Phi_{76}^3\ \Phi_{57}^3\ \Phi_{38}^3\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2$
160214	1960	1843	$\frac{1}{19}$	$\frac{6}{97}$	$\frac{13}{97}$	$\frac{9}{19}$	$\Phi_{1843}\ \Phi_{97}^2\ \Phi_{19}^2\ \Phi_1^4$
160215	1960	2280	$\frac{1}{19}$	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{9}{19}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{456}\ \Phi_{380}\ \Phi_{228}\ \Phi_{190}\ \Phi_{120}^2\ \Phi_{114}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2$
160216	1960	1959	$\frac{74}{1959}$	$\frac{113}{1959}$	$\frac{377}{1959}$	$\frac{923}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_3\ \Phi_1^2$
160217	1960	1254	$\frac{1}{57}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{1254}^3\ \Phi_{418}^3\ \Phi_{114}^3\ \Phi_{66}^2\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{22}^2\ \Phi_{19}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160218	1960	1959	$\frac{104}{1959}$	$\frac{121}{1959}$	$\frac{265}{1959}$	$\frac{919}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_3\ \Phi_1^2$
160219	1960	705	$\frac{3}{47}$	$\frac{1}{15}$	$\frac{5}{47}$	$\frac{22}{47}$	$\Phi_{705}^3\ \Phi_{235}^3\ \Phi_{141}^3\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3^2$
160220	1960	1959	$\frac{127}{1959}$	$\frac{149}{1959}$	$\frac{181}{1959}$	$\frac{916}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_3\ \Phi_1^2$
160221	1960	2167	$\frac{13}{197}$	$\frac{15}{197}$	$\frac{1}{11}$	$\frac{92}{197}$	Φ_{2167}
160222	1960	1959	$\frac{125}{1959}$	$\frac{131}{1959}$	$\frac{209}{1959}$	$\frac{914}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_3\ \Phi_1^2$
160223	1960	2248	$\frac{15}{281}$	$\frac{19}{281}$	$\frac{1}{8}$	$\frac{131}{281}$	$\Phi_{2248}\ \Phi_{1124}\ \Phi_{562}$
160224	1960	786	$\frac{5}{131}$	$\frac{9}{131}$	$\frac{1}{6}$	$\frac{61}{131}$	$\Phi_{786}^3\ \Phi_{393}^3\ \Phi_{262}^3\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2$
160225	1960	1959	$\frac{41}{1959}$	$\frac{137}{1959}$	$\frac{524}{1959}$	$\frac{911}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_3\ \Phi_1^2$
160226	1960	327	$\frac{5}{327}$	$\frac{23}{327}$	$\frac{1}{3}$	$\frac{152}{327}$	$\Phi_{327}^6\ \Phi_{109}^6\ \Phi_3^5\ \Phi_1^6$
160227	1960	2050	$\frac{1}{50}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{2050}\ \Phi_{1025}\ \Phi_{410}\ \Phi_{205}\ \Phi_{82}$
160228	1960	2769	$\frac{1}{71}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{2769}\ \Phi_{213}^2$
160229	1960	1807	$\frac{3}{139}$	$\frac{1}{13}$	$\frac{34}{139}$	$\frac{6}{13}$	$\Phi_{1807}\ \Phi_{139}^2\ \Phi_{13}^2\ \Phi_1^4$
160230	1960	2340	$\frac{1}{36}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}^2\ \Phi_{130}\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2$
160231	1960	1807	$\frac{4}{139}$	$\frac{1}{13}$	$\frac{27}{139}$	$\frac{6}{13}$	$\Phi_{1807}\ \Phi_{139}^2\ \Phi_{13}^2\ \Phi_1^4$
160232	1960	2262	$\frac{1}{29}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{6}{13}$	$\Phi_{2262}\ \Phi_{1131}\ \Phi_{754}\ \Phi_{174}^2\ \Phi_{87}^2\ \Phi_{58}^2$
160233	1960	1807	$\frac{6}{139}$	$\frac{1}{13}$	$\frac{19}{139}$	$\frac{6}{13}$	$\Phi_{1807}\ \Phi_{139}^2\ \Phi_{13}^2\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160234	1960	2184	$\frac{1}{21}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{6}{13}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{312}\ \Phi_{182}\ \Phi_{168}^2\ \Phi_{156}\ \Phi_{84}^2\ \Phi_{78}\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_6^2$
160235	1960	1807	$\frac{9}{139}$	$\frac{1}{13}$	$\frac{13}{139}$	$\frac{6}{13}$	$\Phi_{1807}\ \Phi_{139}^2\ \Phi_{13}^2\ \Phi_1^4$
160236	1960	2145	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{6}{13}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{429}\ \Phi_{165}^2\ \Phi_{55}^2\ \Phi_{33}^2$
160237	1960	912	$\frac{1}{57}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{912}^3\ \Phi_{304}^3\ \Phi_{228}^3\ \Phi_{114}^3\ \Phi_{76}^3\ \Phi_{57}^2\ \Phi_{48}^2\ \Phi_{38}^3\ \Phi_{19}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160238	1960	1959	$\frac{76}{1959}$	$\frac{169}{1959}$	$\frac{269}{1959}$	$\frac{895}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_3\ \Phi_1^2$
160239	1960	3690	$\frac{1}{41}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{90}$	$\Phi_{3690}\ \Phi_{1230}\ \Phi_{738}\ \Phi_{410}\ \Phi_{246}\ \Phi_{205}\ \Phi_{82}$
160240	1960	630	$\frac{1}{21}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{90}$	$\Phi_{630}^6\ \Phi_{210}^6\ \Phi_{126}^6\ \Phi_{90}^4\ \Phi_{70}^6\ \Phi_{63}^3\ \Phi_{42}^6\ \Phi_{30}^4\ \Phi_{21}^2\ \Phi_{18}^4\ \Phi_{14}^6\ \Phi_{10}^4\ \Phi_9^2\ \Phi_7^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
160241	1960	1155	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{5}{11}$	$\Phi_{1155}^2\ \Phi_{385}^2\ \Phi_{231}\ \Phi_{165}^2\ \Phi_{105}^2\ \Phi_{77}\ \Phi_{35}^2\ \Phi_{33}\ \Phi_{15}^2$
160242	1960	705	$\frac{1}{15}$	$\frac{11}{141}$	$\frac{13}{141}$	$\frac{64}{141}$	$\Phi_{705}^3\ \Phi_{235}^3\ \Phi_{141}^2\ \Phi_{47}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
160243	1960	653	$\frac{43}{653}$	$\frac{51}{653}$	$\frac{61}{653}$	$\frac{296}{653}$	$\Phi_{653}^3\ \Phi_1^4$
160244	1960	3648	$\frac{1}{57}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{3648}\ \Phi_{1216}\ \Phi_{228}\ \Phi_{192}\ \Phi_{114}\ \Phi_{76}\ \Phi_{38}\ \Phi_{12}\ \Phi_6$
160245	1960	2248	$\frac{11}{281}$	$\frac{27}{281}$	$\frac{1}{8}$	$\frac{127}{281}$	$\Phi_{2248}\ \Phi_{1124}\ \Phi_{562}$
160246	1960	1959	$\frac{29}{1959}$	$\frac{193}{1959}$	$\frac{538}{1959}$	$\frac{883}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_3\ \Phi_1^2$
160247	1960	981	$\frac{11}{981}$	$\frac{97}{981}$	$\frac{1}{3}$	$\frac{442}{981}$	$\Phi_{981}^2\ \Phi_{327}^2\ \Phi_{109}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
160248	1960	2460	$\frac{1}{41}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{615}\ \Phi_{492}\ \Phi_{410}\ \Phi_{246}\ \Phi_{205}\ \Phi_{123}\ \Phi_{82}$
160249	1960	2059	$\frac{1}{71}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	Φ_{2059}
160250	1960	1959	$\frac{31}{1959}$	$\frac{211}{1959}$	$\frac{482}{1959}$	$\frac{874}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_3\ \Phi_1^2$
160251	1960	99	$\frac{1}{99}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{99}^{20}\ \Phi_{33}^{20}\ \Phi_{11}^{20}\ \Phi_9^{18}\ \Phi_3^{17}\ \Phi_1^{18}$
160252	1960	585	$\frac{1}{65}$	$\frac{1}{9}$	$\frac{16}{65}$	$\frac{4}{9}$	$\Phi_{585}^3\ \Phi_{195}^3\ \Phi_{117}^3\ \Phi_{65}^6\ \Phi_{45}^3\ \Phi_{39}^3\ \Phi_{15}^3\ \Phi_{13}^6\ \Phi_9^4\ \Phi_5^6\ \Phi_3^4\ \Phi_1^8$
160253	1960	450	$\frac{1}{50}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{450}^4\ \Phi_{225}^4\ \Phi_{150}^4\ \Phi_{90}^4\ \Phi_{75}^4\ \Phi_{50}^8\ \Phi_{45}^3\ \Phi_{30}^4\ \Phi_{25}^8\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_{10}^8\ \Phi_9^4\ \Phi_6^4\ \Phi_5^6\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
160254	1960	117	$\frac{1}{39}$	$\frac{1}{9}$	$\frac{19}{117}$	$\frac{4}{9}$	$\Phi_{117}^{17}\ \Phi_{39}^{16}\ \Phi_{13}^{16}\ \Phi_9^{18}\ \Phi_3^{17}\ \Phi_1^{18}$
160255	1960	585	$\frac{2}{65}$	$\frac{1}{9}$	$\frac{9}{65}$	$\frac{4}{9}$	$\Phi_{585}^3\ \Phi_{195}^3\ \Phi_{117}^3\ \Phi_{65}^6\ \Phi_{45}^3\ \Phi_{39}^3\ \Phi_{15}^3\ \Phi_{13}^6\ \Phi_9^4\ \Phi_5^6\ \Phi_3^4\ \Phi_1^8$
160256	1960	2088	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{4}{9}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{522}\ \Phi_{348}\ \Phi_{232}^2\ \Phi_{174}\ \Phi_{116}^2\ \Phi_{58}^2$
160257	1960	378	$\frac{1}{21}$	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{378}^6\ \Phi_{189}^6\ \Phi_{126}^6\ \Phi_{63}^3\ \Phi_{54}^4\ \Phi_{42}^6\ \Phi_{27}^4\ \Phi_{21}^2\ \Phi_{18}^4\ \Phi_{14}^6\ \Phi_9^2\ \Phi_7^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
160258	1960	468	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^4\ \Phi_{117}^3\ \Phi_{78}^4\ \Phi_{52}^8\ \Phi_{39}^3\ \Phi_{36}^4\ \Phi_{26}^8\ \Phi_{18}^4\ \Phi_{13}^6\ \Phi_{12}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_4^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
160259	1960	45	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{45}^{39}\ \Phi_{15}^{52}\ \Phi_9^{40}\ \Phi_5^{52}\ \Phi_3^{53}\ \Phi_1^{54}$
160260	1960	1848	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{5}{44}$	$\frac{39}{88}$	$\Phi_{1848}^2\ \Phi_{616}^2\ \Phi_{264}^2\ \Phi_{231}\ \Phi_{168}^2\ \Phi_{77}\ \Phi_{56}^2\ \Phi_{33}\ \Phi_{24}^2$
160261	1960	653	$\frac{13}{653}$	$\frac{75}{653}$	$\frac{128}{653}$	$\frac{289}{653}$	$\Phi_{653}^3\ \Phi_1^4$
160262	1960	684	$\frac{1}{36}$	$\frac{7}{57}$	$\frac{8}{57}$	$\frac{25}{57}$	$\Phi_{684}^3\ \Phi_{342}^3\ \Phi_{228}^3\ \Phi_{171}^3\ \Phi_{114}^3\ \Phi_{76}^3\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{36}^2\ \Phi_{19}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160263	1960	1959	$\frac{55}{1959}$	$\frac{241}{1959}$	$\frac{272}{1959}$	$\frac{859}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_3\ \Phi_1^2$
160264	1960	1308	$\frac{1}{109}$	$\frac{27}{218}$	$\frac{1}{3}$	$\frac{191}{436}$	$\Phi_{1308}^4\ \Phi_{327}\ \Phi_{12}^4$
160265	1960	2059	$\frac{1}{29}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{31}{71}$	Φ_{2059}
160266	1960	1959	$\frac{79}{1959}$	$\frac{188}{1959}$	$\frac{253}{1959}$	$\frac{853}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_3\ \Phi_1^2$
160267	1960	693	$\frac{1}{21}$	$\frac{8}{99}$	$\frac{13}{99}$	$\frac{43}{99}$	$\Phi_{693}^3\ \Phi_{231}^3\ \Phi_{99}^2\ \Phi_{77}^3\ \Phi_{63}^3\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
160268	1960	653	$\frac{37}{653}$	$\frac{44}{653}$	$\frac{87}{653}$	$\frac{283}{653}$	$\Phi_{653}^3\ \Phi_1^4$
160269	1960	705	$\frac{8}{141}$	$\frac{1}{15}$	$\frac{19}{141}$	$\frac{61}{141}$	$\Phi_{705}^3\ \Phi_{235}^3\ \Phi_{141}^2\ \Phi_{47}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160270	1960	653	$\frac{30}{653}$	$\frac{53}{653}$	$\frac{89}{653}$	$\frac{282}{653}$	$\Phi_{653}^{3}\ \Phi_{1}^{4}$
160271	1960	2167	$\frac{8}{197}$	$\frac{1}{11}$	$\frac{27}{197}$	$\frac{85}{197}$	Φ_{2167}
160272	1960	1959	$\frac{62}{1959}$	$\frac{223}{1959}$	$\frac{271}{1959}$	$\frac{844}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_{3}\ \Phi_{1}^{2}$
160273	1960	2248	$\frac{8}{281}$	$\frac{1}{8}$	$\frac{39}{281}$	$\frac{121}{281}$	$\Phi_{2248}\ \Phi_{1124}\ \Phi_{562}$
160274	1960	653	$\frac{16}{653}$	$\frac{91}{653}$	$\frac{93}{653}$	$\frac{281}{653}$	$\Phi_{653}^{3}\ \Phi_{1}^{4}$
160275	1960	786	$\frac{8}{393}$	$\frac{55}{393}$	$\frac{1}{6}$	$\frac{169}{393}$	$\Phi_{786}^{3}\ \Phi_{393}^{2}\ \Phi_{262}^{3}\ \Phi_{131}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
160276	1960	2455	$\frac{8}{491}$	$\frac{69}{491}$	$\frac{1}{5}$	$\frac{211}{491}$	Φ_{2455}
160277	1960	1959	$\frac{20}{1959}$	$\frac{277}{1959}$	$\frac{559}{1959}$	$\frac{841}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_{3}\ \Phi_{1}^{2}$
160278	1960	981	$\frac{8}{981}$	$\frac{139}{981}$	$\frac{1}{3}$	$\frac{421}{981}$	$\Phi_{981}^{2}\ \Phi_{327}^{2}\ \Phi_{109}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
160279	1960	2562	$\frac{1}{122}$	$\frac{1}{7}$	$\frac{121}{366}$	$\frac{3}{7}$	$\Phi_{2562}\ \Phi_{1281}\ \Phi_{366}^{2}\ \Phi_{183}^{2}\ \Phi_{42}\ \Phi_{21}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
160280	1960	693	$\frac{1}{99}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{693}^{3}\ \Phi_{231}^{3}\ \Phi_{99}^{2}\ \Phi_{77}^{3}\ \Phi_{63}^{3}\ \Phi_{33}^{2}\ \Phi_{21}^{3}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}$
160281	1960	1736	$\frac{3}{248}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{1736}\ \Phi_{868}\ \Phi_{434}\ \Phi_{248}^{2}\ \Phi_{217}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{56}\ \Phi_{31}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
160282	1960	427	$\frac{1}{61}$	$\frac{1}{7}$	$\frac{12}{61}$	$\frac{3}{7}$	$\Phi_{427}^{4}\ \Phi_{61}^{8}\ \Phi_{7}^{5}\ \Phi_{1}^{10}$
160283	1960	1050	$\frac{1}{50}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{1050}^{2}\ \Phi_{525}^{2}\ \Phi_{350}\ \Phi_{210}^{2}\ \Phi_{175}\ \Phi_{150}^{4}\ \Phi_{105}^{2}\ \Phi_{75}^{4}\ \Phi_{70}\ \Phi_{50}^{2}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}^{4}\ \Phi_{25}^{2}\ \Phi_{21}\ \Phi_{15}^{4}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
160284	1960	854	$\frac{3}{122}$	$\frac{17}{122}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{854}^{2}\ \Phi_{427}^{2}\ \Phi_{122}^{4}\ \Phi_{61}^{4}\ \Phi_{14}^{2}\ \Phi_{7}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
160285	1960	504	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{504}^{4}\ \Phi_{252}^{3}\ \Phi_{168}^{4}\ \Phi_{126}^{3}\ \Phi_{84}^{3}\ \Phi_{72}^{8}\ \Phi_{63}^{3}\ \Phi_{56}^{3}\ \Phi_{42}^{3}\ \Phi_{36}^{6}\ \Phi_{28}^{2}\ \Phi_{24}^{8}\ \Phi_{21}^{3}\ \Phi_{18}^{6}\ \Phi_{14}^{2}\ \Phi_{12}^{6}\ \Phi_{9}^{6}\ \Phi_{8}^{6}\ \Phi_{7}^{3}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
160286	1960	1959	$\frac{23}{1959}$	$\frac{295}{1959}$	$\frac{484}{1959}$	$\frac{832}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_{3}\ \Phi_{1}^{2}$
160287	1960	564	$\frac{1}{141}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{564}^{6}\ \Phi_{188}^{6}\ \Phi_{141}^{2}\ \Phi_{47}^{2}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
160288	1960	372	$\frac{1}{93}$	$\frac{1}{6}$	$\frac{23}{93}$	$\frac{5}{12}$	$\Phi_{372}^{9}\ \Phi_{124}^{9}\ \Phi_{93}^{3}\ \Phi_{31}^{3}\ \Phi_{12}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
160289	1960	4260	$\frac{1}{71}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{4260}\ \Phi_{1420}\ \Phi_{355}$
160290	1960	1116	$\frac{4}{279}$	$\frac{1}{6}$	$\frac{55}{279}$	$\frac{5}{12}$	$\Phi_{1116}^{3}\ \Phi_{372}^{3}\ \Phi_{279}\ \Phi_{124}^{3}\ \Phi_{93}\ \Phi_{36}^{3}\ \Phi_{31}\ \Phi_{12}^{4}\ \Phi_{9}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
160291	1960	228	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{228}^{15}\ \Phi_{114}^{3}\ \Phi_{76}^{15}\ \Phi_{57}^{2}\ \Phi_{38}^{3}\ \Phi_{19}^{2}\ \Phi_{12}^{10}\ \Phi_{6}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
160292	1960	372	$\frac{2}{93}$	$\frac{13}{93}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{372}^{9}\ \Phi_{124}^{9}\ \Phi_{93}^{3}\ \Phi_{31}^{3}\ \Phi_{12}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
160293	1960	984	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{984}^{2}\ \Phi_{492}\ \Phi_{328}^{3}\ \Phi_{246}^{2}\ \Phi_{164}^{2}\ \Phi_{123}^{2}\ \Phi_{82}^{3}\ \Phi_{41}^{2}$
160294	1960	1116	$\frac{7}{279}$	$\frac{34}{279}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1116}^{3}\ \Phi_{372}^{3}\ \Phi_{279}\ \Phi_{124}^{3}\ \Phi_{93}\ \Phi_{36}^{3}\ \Phi_{31}\ \Phi_{12}^{4}\ \Phi_{9}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
160295	1960	36	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{36}^{53}\ \Phi_{18}^{56}\ \Phi_{12}^{54}\ \Phi_{9}^{55}\ \Phi_{6}^{56}\ \Phi_{4}^{54}\ \Phi_{3}^{55}\ \Phi_{2}^{56}\ \Phi_{1}^{56}$
160296	1960	372	$\frac{1}{31}$	$\frac{3}{31}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{372}^{9}\ \Phi_{124}^{9}\ \Phi_{31}^{9}\ \Phi_{12}^{10}\ \Phi_{4}^{10}\ \Phi_{1}^{10}$
160297	1960	3828	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3828}\ \Phi_{1276}\ \Phi_{319}$
160298	1960	1116	$\frac{13}{279}$	$\frac{19}{279}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1116}^{3}\ \Phi_{372}^{3}\ \Phi_{279}\ \Phi_{124}^{3}\ \Phi_{93}\ \Phi_{36}^{3}\ \Phi_{31}\ \Phi_{12}^{4}\ \Phi_{9}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
160299	1960	420	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{420}^{9}\ \Phi_{140}^{9}\ \Phi_{105}^{3}\ \Phi_{84}^{6}\ \Phi_{60}^{6}\ \Phi_{35}^{3}\ \Phi_{28}^{6}\ \Phi_{21}^{2}\ \Phi_{20}^{6}\ \Phi_{15}^{2}\ \Phi_{12}^{4}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
160300	1960	2050	$\frac{1}{50}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{2050}\ \Phi_{1025}\ \Phi_{410}\ \Phi_{205}\ \Phi_{82}$
160301	1960	1959	$\frac{41}{1959}$	$\frac{274}{1959}$	$\frac{337}{1959}$	$\frac{811}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_{3}\ \Phi_{1}^{2}$
160302	1960	2059	$\frac{1}{29}$	$\frac{6}{71}$	$\frac{13}{71}$	$\frac{29}{71}$	Φ_{2059}
160303	1960	1959	$\frac{83}{1959}$	$\frac{134}{1959}$	$\frac{365}{1959}$	$\frac{797}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_{3}\ \Phi_{1}^{2}$
160304	1960	705	$\frac{2}{47}$	$\frac{1}{15}$	$\frac{9}{47}$	$\frac{19}{47}$	$\Phi_{705}^{3}\ \Phi_{235}^{3}\ \Phi_{141}^{3}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}$
160305	1960	1959	$\frac{64}{1959}$	$\frac{167}{1959}$	$\frac{379}{1959}$	$\frac{790}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_{3}\ \Phi_{1}^{2}$
160306	1960	738	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{8}{41}$	$\frac{33}{82}$	$\Phi_{738}^{5}\ \Phi_{369}\ \Phi_{246}^{5}\ \Phi_{123}\ \Phi_{18}^{5}\ \Phi_{6}^{5}$
160307	1960	2248	$\frac{6}{281}$	$\frac{1}{8}$	$\frac{55}{281}$	$\frac{113}{281}$	$\Phi_{2248}\ \Phi_{1124}\ \Phi_{562}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160308	1960	1959	$\frac{34}{1959}$	$\frac{293}{1959}$	$\frac{385}{1959}$	$\frac{787}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_3\ \Phi_1^2$
160309	1960	2455	$\frac{6}{491}$	$\frac{97}{491}$	$\frac{1}{5}$	$\frac{197}{491}$	Φ_{2455}
160310	1960	1959	$\frac{14}{1959}$	$\frac{389}{1959}$	$\frac{587}{1959}$	$\frac{785}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_3\ \Phi_1^2$
160311	1960	327	$\frac{2}{327}$	$\frac{65}{327}$	$\frac{1}{3}$	$\frac{131}{327}$	$\Phi_{327}^6\ \Phi_{109}^6\ \Phi_3^5\ \Phi_1^6$
160312	1960	1410	$\frac{1}{141}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{1410}^2\ \Phi_{705}\ \Phi_{470}^2\ \Phi_{282}^2\ \Phi_{235}\ \Phi_{94}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_6^2$
160313	1960	653	$\frac{8}{653}$	$\frac{129}{653}$	$\frac{131}{653}$	$\frac{261}{653}$	$\Phi_{653}^3\ \Phi_1^4$
160314	1960	1959	$\frac{34}{1959}$	$\frac{275}{1959}$	$\frac{421}{1959}$	$\frac{769}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_3\ \Phi_1^2$
160315	1960	2050	$\frac{1}{50}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{2050}\ \Phi_{1025}\ \Phi_{410}\ \Phi_{205}\ \Phi_{82}$
160316	1960	3280	$\frac{1}{41}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{80}$	$\Phi_{3280}\ \Phi_{656}\ \Phi_{410}\ \Phi_{205}\ \Phi_{82}$
160317	1960	684	$\frac{1}{36}$	$\frac{5}{57}$	$\frac{13}{57}$	$\frac{22}{57}$	$\Phi_{684}^3\ \Phi_{342}^3\ \Phi_{228}^3\ \Phi_{171}^3\ \Phi_{114}^3\ \Phi_{76}^3\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{36}^2\ \Phi_{19}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160318	1960	653	$\frac{17}{653}$	$\frac{58}{653}$	$\frac{159}{653}$	$\frac{247}{653}$	$\Phi_{653}^3\ \Phi_1^4$
160319	1960	1959	$\frac{35}{1959}$	$\frac{244}{1959}$	$\frac{481}{1959}$	$\frac{739}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_3\ \Phi_1^2$
160320	1960	2248	$\frac{5}{281}$	$\frac{1}{8}$	$\frac{69}{281}$	$\frac{106}{281}$	$\Phi_{2248}\ \Phi_{1124}\ \Phi_{562}$
160321	1960	786	$\frac{5}{393}$	$\frac{1}{6}$	$\frac{97}{393}$	$\frac{148}{393}$	$\Phi_{786}^3\ \Phi_{393}^2\ \Phi_{262}^3\ \Phi_{131}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160322	1960	4728	$\frac{1}{197}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{4728}\ \Phi_{591}$
160323	1960	3128	$\frac{3}{391}$	$\frac{97}{391}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3128}\ \Phi_{391}\ \Phi_{184}\ \Phi_{136}\ \Phi_{23}\ \Phi_{17}\ \Phi_8^2\ \Phi_1^2$
160324	1960	3960	$\frac{1}{99}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3960}\ \Phi_{1320}\ \Phi_{495}\ \Phi_{440}\ \Phi_{360}\ \Phi_{165}\ \Phi_{120}\ \Phi_{55}\ \Phi_{45}\ \Phi_{15}$
160325	1960	3128	$\frac{6}{391}$	$\frac{55}{391}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3128}\ \Phi_{391}\ \Phi_{184}\ \Phi_{136}\ \Phi_{23}\ \Phi_{17}\ \Phi_8^2\ \Phi_1^2$
160326	1960	456	$\frac{1}{57}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{456}^4\ \Phi_{228}^5\ \Phi_{152}^4\ \Phi_{114}^5\ \Phi_{76}^5\ \Phi_{57}^4\ \Phi_{38}^5\ \Phi_{24}^4\ \Phi_{19}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
160327	1960	3128	$\frac{7}{391}$	$\frac{48}{391}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3128}\ \Phi_{391}\ \Phi_{184}\ \Phi_{136}\ \Phi_{23}\ \Phi_{17}\ \Phi_8^2\ \Phi_1^2$
160328	1960	1800	$\frac{1}{50}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1800}^2\ \Phi_{600}^2\ \Phi_{450}\ \Phi_{360}^2\ \Phi_{225}\ \Phi_{150}\ \Phi_{120}^2\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{45}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
160329	1960	3128	$\frac{13}{391}$	$\frac{27}{391}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3128}\ \Phi_{391}\ \Phi_{184}\ \Phi_{136}\ \Phi_{23}\ \Phi_{17}\ \Phi_8^2\ \Phi_1^2$
160330	1960	3480	$\frac{1}{29}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{696}\ \Phi_{435}\ \Phi_{145}\ \Phi_{87}$
160331	1960	408	$\frac{2}{51}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^8\ \Phi_{136}^7\ \Phi_{51}^8\ \Phi_{24}^8\ \Phi_{17}^7\ \Phi_8^8\ \Phi_3^8\ \Phi_1^8$
160332	1960	1656	$\frac{1}{23}$	$\frac{11}{207}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1656}^2\ \Phi_{552}^2\ \Phi_{207}^2\ \Phi_{184}\ \Phi_{72}^2\ \Phi_{69}^2\ \Phi_{24}^2\ \Phi_{23}\ \Phi_9^2\ \Phi_8^2\ \Phi_3^2\ \Phi_1^2$
160333	1960	1026	$\frac{1}{57}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{1026}^3\ \Phi_{342}^3\ \Phi_{171}^3\ \Phi_{114}^3\ \Phi_{57}^2\ \Phi_{54}^2\ \Phi_{38}^3\ \Phi_{19}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160334	1960	246	$\frac{1}{246}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{246}^8\ \Phi_{123}^8\ \Phi_{82}^8\ \Phi_{41}^8\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
160335	1960	1467	$\frac{2}{489}$	$\frac{487}{1467}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1467}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
160336	1960	978	$\frac{1}{163}$	$\frac{81}{326}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{978}^2\ \Phi_{489}\ \Phi_{326}^4\ \Phi_{163}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
160337	1960	423	$\frac{1}{141}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{423}^6\ \Phi_{141}^2\ \Phi_{47}^2\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
160338	1960	489	$\frac{4}{489}$	$\frac{97}{489}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{489}^4\ \Phi_{163}^4\ \Phi_3^5\ \Phi_1^6$
160339	1960	198	$\frac{1}{99}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{198}^{12}\ \Phi_{99}^8\ \Phi_{66}^{12}\ \Phi_{33}^8\ \Phi_{22}^{12}\ \Phi_{18}^{12}\ \Phi_{11}^8\ \Phi_9^8\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
160340	1960	489	$\frac{2}{163}$	$\frac{23}{163}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{489}^3\ \Phi_{163}^6\ \Phi_3^4\ \Phi_1^8$
160341	1960	1704	$\frac{1}{71}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{568}^2\ \Phi_{426}\ \Phi_{284}^2\ \Phi_{142}^2$
160342	1960	489	$\frac{3}{163}$	$\frac{16}{163}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{489}^3\ \Phi_{163}^6\ \Phi_3^4\ \Phi_1^8$
160343	1960	1650	$\frac{1}{50}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1650}\ \Phi_{825}\ \Phi_{550}^2\ \Phi_{330}\ \Phi_{275}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{55}^2\ \Phi_{22}^2$
160344	1960	489	$\frac{13}{489}$	$\frac{34}{489}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{489}^4\ \Phi_{163}^4\ \Phi_3^5\ \Phi_1^6$
160345	1960	180	$\frac{1}{36}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{180}^{12}\ \Phi_{90}^{12}\ \Phi_{60}^{12}\ \Phi_{45}^{12}\ \Phi_{36}^8\ \Phi_{30}^{12}\ \Phi_{20}^{12}\ \Phi_{18}^8\ \Phi_{15}^8\ \Phi_{12}^8\ \Phi_{10}^{12}\ \Phi_9^8\ \Phi_6^8\ \Phi_5^8\ \Phi_4^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160346	1960	357	$\frac{2}{51}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{357}^6\ \Phi_{119}^6\ \Phi_{51}^4\ \Phi_{21}^2\ \Phi_{17}^4\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
160347	1960	1830	$\frac{1}{122}$	$\frac{1}{5}$	$\frac{121}{366}$	$\frac{1}{3}$	$\Phi_{1830}\ \Phi_{915}\ \Phi_{610}^2\ \Phi_{305}^2\ \Phi_{30}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
160348	1960	1170	$\frac{2}{195}$	$\frac{1}{6}$	$\frac{193}{585}$	$\frac{1}{3}$	$\Phi_{1170}^3\ \Phi_{585}^2\ \Phi_{234}^3\ \Phi_{117}^2\ \Phi_{90}^3\ \Phi_{45}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160349	1960	729	$\frac{4}{243}$	$\frac{1}{9}$	$\frac{239}{729}$	$\frac{1}{3}$	$\Phi_{729}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
160350	1960	1035	$\frac{2}{69}$	$\frac{1}{15}$	$\frac{67}{207}$	$\frac{1}{3}$	$\Phi_{1035}^3\ \Phi_{207}^2\ \Phi_{45}^3\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
160351	1960	504	$\frac{1}{24}$	$\frac{1}{21}$	$\frac{23}{72}$	$\frac{1}{3}$	$\Phi_{504}^6\ \Phi_{252}^6\ \Phi_{126}^6\ \Phi_{72}^4\ \Phi_{63}^6\ \Phi_{36}^4\ \Phi_{21}^2\ \Phi_{18}^4\ \Phi_9^4\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
160352	1960	1479	$\frac{1}{29}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{1479}\ \Phi_{493}^2\ \Phi_{87}^2\ \Phi_{29}^2$
160353	1960	324	$\frac{1}{36}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{324}^9\ \Phi_{162}^9\ \Phi_{81}^8\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160354	1960	999	$\frac{19}{999}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{999}^2\ \Phi_{333}^2\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
160355	1960	297	$\frac{1}{99}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{297}^9\ \Phi_{99}^2\ \Phi_{33}^2\ \Phi_{27}^8\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
160356	1960	327	$\frac{1}{109}$	$\frac{27}{109}$	$\frac{82}{327}$	$\frac{1}{3}$	$\Phi_{327}^5\ \Phi_{109}^8\ \Phi_3^4\ \Phi_1^8$
160357	1960	3720	$\frac{3}{248}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3720}\ \Phi_{1860}\ \Phi_{930}\ \Phi_{465}\ \Phi_{120}\ \Phi_{15}$
160358	1960	1092	$\frac{1}{21}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{156}\ \Phi_{91}^2\ \Phi_{78}\ \Phi_{52}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{21}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
160359	1960	279	$\frac{1}{93}$	$\frac{2}{9}$	$\frac{23}{93}$	$\frac{1}{3}$	$\Phi_{279}^9\ \Phi_{93}^3\ \Phi_{31}^3\ \Phi_9^{10}\ \Phi_3^3\ \Phi_1^4$
160360	1960	390	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{16}{65}$	$\frac{1}{3}$	$\Phi_{390}^6\ \Phi_{195}^3\ \Phi_{130}^6\ \Phi_{78}^6\ \Phi_{65}^6\ \Phi_{39}^3\ \Phi_{30}^6\ \Phi_{26}^6\ \Phi_{15}^3\ \Phi_{13}^6\ \Phi_{10}^6\ \Phi_6^8\ \Phi_5^6\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
160361	1960	981	$\frac{17}{981}$	$\frac{148}{981}$	$\frac{241}{981}$	$\frac{1}{3}$	$\Phi_{981}^2\ \Phi_{327}^2\ \Phi_{109}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
160362	1960	3336	$\frac{3}{139}$	$\frac{1}{8}$	$\frac{34}{139}$	$\frac{1}{3}$	$\Phi_{3336}\ \Phi_{1668}\ \Phi_{834}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
160363	1960	324	$\frac{2}{81}$	$\frac{1}{9}$	$\frac{79}{324}$	$\frac{1}{3}$	$\Phi_{324}^8\ \Phi_{162}^8\ \Phi_{108}^8\ \Phi_{54}^8\ \Phi_{36}^8\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^2\ \Phi_6^8\ \Phi_4^8\ \Phi_3\ \Phi_2^8\ \Phi_1^2$
160364	1960	981	$\frac{25}{981}$	$\frac{106}{981}$	$\frac{239}{981}$	$\frac{1}{3}$	$\Phi_{981}^2\ \Phi_{327}^2\ \Phi_{109}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
160365	1960	690	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{11}{46}$	$\frac{1}{3}$	$\Phi_{690}^4\ \Phi_{345}^2\ \Phi_{230}^4\ \Phi_{138}^2\ \Phi_{115}^2\ \Phi_{69}\ \Phi_{46}^4\ \Phi_{30}^4\ \Phi_{23}^2\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
160366	1960	1344	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1}{3}$	$\Phi_{1344}^2\ \Phi_{672}^2\ \Phi_{448}^2\ \Phi_{224}^2\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{32}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
160367	1960	663	$\frac{2}{51}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{663}^3\ \Phi_{221}^3\ \Phi_{51}^4\ \Phi_{17}^4\ \Phi_{13}^3\ \Phi_1^4$
160368	1960	3195	$\frac{1}{71}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{3195}\ \Phi_{355}$
160369	1960	279	$\frac{4}{279}$	$\frac{55}{279}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{279}^7\ \Phi_{93}^7\ \Phi_{31}^7\ \Phi_9^8\ \Phi_3^7\ \Phi_1^8$
160370	1960	342	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{342}^9\ \Phi_{171}^6\ \Phi_{114}^3\ \Phi_{57}^2\ \Phi_{38}^3\ \Phi_{19}^2\ \Phi_{18}^6\ \Phi_9^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160371	1960	279	$\frac{2}{93}$	$\frac{13}{93}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{279}^9\ \Phi_{93}^3\ \Phi_{31}^3\ \Phi_9^{10}\ \Phi_3^3\ \Phi_1^4$
160372	1960	2952	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2952}\ \Phi_{1476}\ \Phi_{738}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}$
160373	1960	279	$\frac{7}{279}$	$\frac{34}{279}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{279}^7\ \Phi_{93}^7\ \Phi_{31}^7\ \Phi_9^8\ \Phi_3^7\ \Phi_1^8$
160374	1960	36	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{36}^{56}\ \Phi_{18}^{56}\ \Phi_{12}^{56}\ \Phi_9^{50}\ \Phi_6^{56}\ \Phi_4^{56}\ \Phi_3^{49}\ \Phi_2^{56}\ \Phi_1^{50}$
160375	1960	279	$\frac{1}{31}$	$\frac{3}{31}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{279}^9\ \Phi_{31}^9\ \Phi_9^{10}\ \Phi_1^{10}$
160376	1960	2871	$\frac{1}{29}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2871}\ \Phi_{319}$
160377	1960	279	$\frac{13}{279}$	$\frac{19}{279}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{279}^7\ \Phi_{93}^7\ \Phi_{31}^7\ \Phi_9^8\ \Phi_3^7\ \Phi_1^8$
160378	1960	315	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{315}^9\ \Phi_{105}^3\ \Phi_{63}^6\ \Phi_{45}^6\ \Phi_{35}^3\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
160379	1960	981	$\frac{22}{981}$	$\frac{137}{981}$	$\frac{211}{981}$	$\frac{1}{3}$	$\Phi_{981}^2\ \Phi_{327}^2\ \Phi_{109}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
160380	1960	2850	$\frac{1}{50}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{2850}\ \Phi_{1425}\ \Phi_{570}\ \Phi_{285}\ \Phi_{150}^2\ \Phi_{114}\ \Phi_{75}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
160381	1960	981	$\frac{16}{981}$	$\frac{193}{981}$	$\frac{197}{981}$	$\frac{1}{3}$	$\Phi_{981}^2\ \Phi_{327}^2\ \Phi_{109}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
160382	1960	915	$\frac{1}{61}$	$\frac{12}{61}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{915}^4\ \Phi_{15}^5$
160383	1960	150	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{150}^{12}\ \Phi_{75}^{12}\ \Phi_{50}^{16}\ \Phi_{30}^{10}\ \Phi_{25}^{16}\ \Phi_{15}^{11}\ \Phi_{10}^{14}\ \Phi_6^{12}\ \Phi_5^{14}\ \Phi_3^{12}\ \Phi_2^{16}\ \Phi_1^{16}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160384	1960	1830	$\frac{3}{122}$	$\frac{17}{122}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1830}^2\ \Phi_{915}^2\ \Phi_{30}^2\ \Phi_{15}^3$
160385	1960	360	$\frac{1}{36}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{360}^8\ \Phi_{180}^6\ \Phi_{120}^7\ \Phi_{90}^6\ \Phi_{60}^5\ \Phi_{45}^6\ \Phi_{40}^8\ \Phi_{30}^5\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{10}^6\ \Phi_5^6$
160386	1960	2805	$\frac{2}{51}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2805}\ \Phi_{935}\ \Phi_{55}$
160387	1960	3336	$\frac{4}{139}$	$\frac{1}{8}$	$\frac{27}{139}$	$\frac{1}{3}$	$\Phi_{3336}\ \Phi_{1668}\ \Phi_{834}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
160388	1960	981	$\frac{31}{981}$	$\frac{113}{981}$	$\frac{190}{981}$	$\frac{1}{3}$	$\Phi_{981}^2\ \Phi_{327}^2\ \Phi_{109}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
160389	1960	243	$\frac{8}{243}$	$\frac{1}{9}$	$\frac{47}{243}$	$\frac{1}{3}$	$\Phi_{243}^8\ \Phi_{81}^8\ \Phi_{27}^8\ \Phi_9^{10}\ \Phi_3^9\ \Phi_1^{10}$
160390	1960	327	$\frac{4}{109}$	$\frac{11}{109}$	$\frac{21}{109}$	$\frac{1}{3}$	$\Phi_{327}^9\ \Phi_3^8$
160391	1960	345	$\frac{4}{69}$	$\frac{1}{15}$	$\frac{13}{69}$	$\frac{1}{3}$	$\Phi_{345}^6\ \Phi_{115}^6\ \Phi_{69}^4\ \Phi_{23}^4\ \Phi_{15}^8\ \Phi_5^8\ \Phi_3^5\ \Phi_1^6$
160392	1960	327	$\frac{19}{327}$	$\frac{22}{327}$	$\frac{61}{327}$	$\frac{1}{3}$	$\Phi_{327}^6\ \Phi_{109}^6\ \Phi_3^5\ \Phi_1^6$
160393	1960	420	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1}{3}$	$\Phi_{420}^6\ \Phi_{210}^6\ \Phi_{140}^6\ \Phi_{105}^6\ \Phi_{70}^6\ \Phi_{60}^4\ \Phi_{35}^6\ \Phi_{30}^4\ \Phi_{21}^2\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_7^2\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
160394	1960	663	$\frac{2}{51}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{663}^3\ \Phi_{221}^3\ \Phi_{51}^4\ \Phi_{39}\ \Phi_{17}^4\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
160395	1960	1479	$\frac{1}{29}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{1479}^2\ \Phi_{87}^3$
160396	1960	981	$\frac{29}{981}$	$\frac{136}{981}$	$\frac{169}{981}$	$\frac{1}{3}$	$\Phi_{981}^2\ \Phi_{327}^2\ \Phi_{109}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
160397	1960	234	$\frac{1}{39}$	$\frac{19}{117}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{234}^{12}\ \Phi_{117}^8\ \Phi_{78}^6\ \Phi_{39}^4\ \Phi_{26}^6\ \Phi_{18}^{12}\ \Phi_{13}^4\ \Phi_9^8\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
160398	1960	390	$\frac{2}{65}$	$\frac{9}{65}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{390}^6\ \Phi_{195}^3\ \Phi_{130}^6\ \Phi_{78}^6\ \Phi_{65}^6\ \Phi_{39}^3\ \Phi_{30}^6\ \Phi_{26}^6\ \Phi_{15}^3\ \Phi_{13}^6\ \Phi_{10}^6\ \Phi_6^8\ \Phi_5^6\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
160399	1960	810	$\frac{13}{405}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{810}^3\ \Phi_{405}^2\ \Phi_{270}^3\ \Phi_{162}^3\ \Phi_{135}^2\ \Phi_{90}^3\ \Phi_{81}^2\ \Phi_{54}^3\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160400	1960	696	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{696}^3\ \Phi_{348}^3\ \Phi_{232}^4\ \Phi_{174}\ \Phi_{116}^4\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{29}^2$
160401	1960	306	$\frac{2}{51}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{306}^9\ \Phi_{153}^6\ \Phi_{102}^6\ \Phi_{51}^4\ \Phi_{34}^6\ \Phi_{18}^3\ \Phi_{17}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160402	1960	378	$\frac{1}{21}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{378}^6\ \Phi_{189}^6\ \Phi_{126}^6\ \Phi_{63}^6\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_{21}^2\ \Phi_{18}^4\ \Phi_9^4\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
160403	1960	858	$\frac{2}{39}$	$\frac{37}{429}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{858}^3\ \Phi_{429}^2\ \Phi_{286}^3\ \Phi_{143}^2\ \Phi_{66}^3\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160404	1960	156	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{156}^{12}\ \Phi_{78}^{10}\ \Phi_{52}^{16}\ \Phi_{39}^{11}\ \Phi_{26}^{14}\ \Phi_{13}^{14}\ \Phi_{12}^{12}\ \Phi_6^{12}\ \Phi_4^{16}\ \Phi_3^{12}\ \Phi_2^{16}\ \Phi_1^{16}$
160405	1960	30	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{30}^{78}\ \Phi_{15}^{52}\ \Phi_{10}^{78}\ \Phi_6^{80}\ \Phi_5^{52}\ \Phi_3^{53}\ \Phi_2^{80}\ \Phi_1^{54}$
160406	1960	513	$\frac{23}{513}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{513}^4\ \Phi_{171}^4\ \Phi_{57}^4\ \Phi_{19}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
160407	1960	3336	$\frac{6}{139}$	$\frac{1}{8}$	$\frac{19}{139}$	$\frac{1}{3}$	$\Phi_{3336}\ \Phi_{1668}\ \Phi_{834}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
160408	1960	981	$\frac{43}{981}$	$\frac{121}{981}$	$\frac{134}{981}$	$\frac{1}{3}$	$\Phi_{981}^2\ \Phi_{327}^2\ \Phi_{109}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
160409	1960	81	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{11}{81}$	$\frac{1}{3}$	$\Phi_{81}^{24}\ \Phi_{27}^{24}\ \Phi_9^{26}\ \Phi_3^{25}\ \Phi_1^{26}$
160410	1960	3201	$\frac{6}{97}$	$\frac{1}{11}$	$\frac{13}{97}$	$\frac{1}{3}$	$\Phi_{3201}\ \Phi_{33}^2$
160411	1960	981	$\frac{64}{981}$	$\frac{85}{981}$	$\frac{131}{981}$	$\frac{1}{3}$	$\Phi_{981}^2\ \Phi_{327}^2\ \Phi_{109}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
160412	1960	345	$\frac{1}{15}$	$\frac{2}{23}$	$\frac{3}{23}$	$\frac{1}{3}$	$\Phi_{345}^6\ \Phi_{115}^6\ \Phi_{69}^3\ \Phi_{23}^6\ \Phi_{15}^8\ \Phi_5^8\ \Phi_3^4\ \Phi_1^8$
160413	1960	981	$\frac{61}{981}$	$\frac{92}{981}$	$\frac{127}{981}$	$\frac{1}{3}$	$\Phi_{981}^2\ \Phi_{327}^2\ \Phi_{109}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
160414	1960	168	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{168}^{12}\ \Phi_{84}^{12}\ \Phi_{56}^{12}\ \Phi_{42}^{12}\ \Phi_{28}^{12}\ \Phi_{24}^6\ \Phi_{21}^{14}\ \Phi_{14}^{12}\ \Phi_{12}^6\ \Phi_8^{12}\ \Phi_7^{14}\ \Phi_6^6\ \Phi_4^{12}\ \Phi_3^7\ \Phi_2^{12}\ \Phi_1^{14}$
160415	1960	3336	$\frac{9}{139}$	$\frac{13}{139}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{3336}\ \Phi_{1668}\ \Phi_{834}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
160416	1960	1320	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{440}^2\ \Phi_{330}^2\ \Phi_{264}\ \Phi_{220}^2\ \Phi_{132}\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{22}^2$
160417	1960	1053	$\frac{73}{1053}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{1053}^2\ \Phi_{351}^2\ \Phi_{117}^2\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
160418	1960	54	$\frac{2}{27}$	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{54}^{40}\ \Phi_{27}^{32}\ \Phi_{18}^{40}\ \Phi_9^{34}\ \Phi_6^{40}\ \Phi_3^{33}\ \Phi_2^{40}\ \Phi_1^{34}$
160419	1960	327	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{11}{109}$	$\frac{1}{3}$	$\Phi_{327}^9\ \Phi_3^8$
160420	1960	936	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{23}{72}$	$\Phi_{936}^3\ \Phi_{468}^3\ \Phi_{234}^3\ \Phi_{117}^3\ \Phi_{72}^4\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{13}^3\ \Phi_9^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160421	1960	3960	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{23}{72}$	$\Phi_{3960}\ \Phi_{1980}\ \Phi_{990}\ \Phi_{495}\ \Phi_{55}$
160422	1960	936	$\frac{1}{24}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{23}{72}$	$\Phi_{936}^3\ \Phi_{468}^3\ \Phi_{234}^3\ \Phi_{117}^3\ \Phi_{72}^4\ \Phi_{39}\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{13}\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
160423	1960	72	$\frac{1}{24}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{23}{72}$	$\Phi_{72}^{25}\ \Phi_{36}^{25}\ \Phi_{24}^{30}\ \Phi_{18}^{28}\ \Phi_{12}^{30}\ \Phi_9^{27}\ \Phi_8^{30}\ \Phi_6^{32}\ \Phi_4^{30}\ \Phi_3^{31}\ \Phi_2^{32}\ \Phi_1^{32}$
160424	1960	2805	$\frac{3}{55}$	$\frac{1}{17}$	$\frac{13}{55}$	$\frac{16}{51}$	$\Phi_{2805}\ \Phi_{561}\ \Phi_{255}\ \Phi_{165}\ \Phi_{55}\ \Phi_{51}^2\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
160425	1960	255	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{16}{51}$	$\Phi_{255}^7\ \Phi_{85}^8\ \Phi_{51}^8\ \Phi_{17}^8\ \Phi_{15}^{11}\ \Phi_5^{11}\ \Phi_3^{12}\ \Phi_1^{12}$
160426	1960	561	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{16}{51}$	$\Phi_{561}^3\ \Phi_{187}^4\ \Phi_{51}^4\ \Phi_{33}^5\ \Phi_{17}^4\ \Phi_{11}^5\ \Phi_3^6\ \Phi_1^6$
160427	1960	2805	$\frac{1}{17}$	$\frac{6}{55}$	$\frac{7}{55}$	$\frac{16}{51}$	$\Phi_{2805}\ \Phi_{561}\ \Phi_{255}\ \Phi_{165}\ \Phi_{55}\ \Phi_{51}^2\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
160428	1960	1224	$\frac{1}{17}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{16}{51}$	$\Phi_{1224}^2\ \Phi_{612}^2\ \Phi_{408}\ \Phi_{306}^2\ \Phi_{204}\ \Phi_{136}^2\ \Phi_{102}\ \Phi_{72}^3\ \Phi_{68}^2\ \Phi_{36}^3\ \Phi_{34}^2\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
160429	1960	945	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{135}$	$\Phi_{945}^3\ \Phi_{189}^3\ \Phi_{135}^2\ \Phi_{63}^3\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
160430	1960	912	$\frac{1}{57}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{912}^2\ \Phi_{456}^2\ \Phi_{304}^2\ \Phi_{228}^3\ \Phi_{152}^2\ \Phi_{114}^3\ \Phi_{76}^3\ \Phi_{57}^2\ \Phi_{48}\ \Phi_{38}^3\ \Phi_{24}\ \Phi_{19}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160431	1960	2460	$\frac{1}{41}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{820}\ \Phi_{492}\ \Phi_{410}\ \Phi_{246}\ \Phi_{205}\ \Phi_{164}\ \Phi_{82}$
160432	1960	684	$\frac{1}{36}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{684}^3\ \Phi_{342}^3\ \Phi_{228}^3\ \Phi_{171}^3\ \Phi_{114}^3\ \Phi_{76}^3\ \Phi_{57}^3\ \Phi_{38}^3\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2$
160433	1960	462	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{66}$	$\Phi_{462}^4\ \Phi_{231}^5\ \Phi_{154}^4\ \Phi_{77}^5\ \Phi_{66}^2\ \Phi_{42}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{11}^4\ \Phi_7^4\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
160434	1960	52	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{4}$	$\Phi_{52}^{37}\ \Phi_{26}^{37}\ \Phi_{13}^{40}\ \Phi_4^{36}\ \Phi_2^{36}\ \Phi_1^{40}$
160435	1960	2860	$\frac{3}{52}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2860}\ \Phi_{1430}\ \Phi_{715}\ \Phi_{55}$
160436	1960	156	$\frac{3}{52}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{4}$	$\Phi_{156}^{12}\ \Phi_{78}^{12}\ \Phi_{52}^{13}\ \Phi_{39}^{13}\ \Phi_{26}^{13}\ \Phi_{13}^{14}\ \Phi_{12}^{12}\ \Phi_6^{12}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{12}\ \Phi_1^{14}$
160437	1960	468	$\frac{3}{52}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{468}^5\ \Phi_{234}^5\ \Phi_{156}^3\ \Phi_{117}^5\ \Phi_{78}^3\ \Phi_{52}^4\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{18}^3\ \Phi_{13}^4\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160438	1960	414	$\frac{1}{23}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{11}{46}$	$\Phi_{414}^6\ \Phi_{207}^3\ \Phi_{138}^6\ \Phi_{69}^3\ \Phi_{46}^8\ \Phi_{23}^4\ \Phi_{18}^6\ \Phi_9^6\ \Phi_6^6\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
160439	1960	920	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{11}{46}$	$\Phi_{920}^3\ \Phi_{460}^3\ \Phi_{230}\ \Phi_{115}^2\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2$
160440	1960	935	$\frac{3}{55}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{13}{55}$	$\Phi_{935}^2\ \Phi_{187}^2\ \Phi_{85}^2\ \Phi_{55}^3\ \Phi_{17}^4\ \Phi_{11}^3\ \Phi_5^3\ \Phi_1^6$
160441	1960	1320	$\frac{3}{55}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{13}{55}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}^2\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{120}^2\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{11}\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
160442	1960	1959	$\frac{115}{1959}$	$\frac{214}{1959}$	$\frac{349}{1959}$	$\frac{461}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_3\ \Phi_1^2$
160443	1960	2248	$\frac{17}{281}$	$\frac{1}{8}$	$\frac{43}{281}$	$\frac{66}{281}$	$\Phi_{2248}\ \Phi_{1124}\ \Phi_{562}$
160444	1960	832	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{15}{64}$	$\Phi_{832}^3\ \Phi_{416}^3\ \Phi_{64}^4\ \Phi_{32}^4\ \Phi_{13}^3\ \Phi_1^4$
160445	1960	3520	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{15}{64}$	$\Phi_{3520}\ \Phi_{1760}\ \Phi_{55}$
160446	1960	2496	$\frac{1}{16}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{15}{64}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{832}\ \Phi_{416}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}^2\ \Phi_{39}\ \Phi_{32}^2\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
160447	1960	576	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{15}{64}$	$\Phi_{576}^5\ \Phi_{288}^5\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}^4\ \Phi_{32}^4\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160448	1960	653	$\frac{41}{653}$	$\frac{79}{653}$	$\frac{100}{653}$	$\frac{153}{653}$	$\Phi_{653}^3\ \Phi_1^4$
160449	1960	786	$\frac{25}{393}$	$\frac{43}{393}$	$\frac{1}{6}$	$\frac{92}{393}$	$\Phi_{786}^3\ \Phi_{393}^2\ \Phi_{262}^3\ \Phi_{131}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160450	1960	780	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{3}{13}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{260}^3\ \Phi_{195}^3\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{60}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{13}^3\ \Phi_{10}^4\ \Phi_5^4\ \Phi_1^4$
160451	1960	702	$\frac{1}{13}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{3}{13}$	$\Phi_{702}^3\ \Phi_{351}^3\ \Phi_{234}^3\ \Phi_{117}^3\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_{18}^4\ \Phi_{13}^3\ \Phi_9^4\ \Phi_1^4$
160452	1960	104	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{3}{13}$	$\Phi_{104}^{18}\ \Phi_{52}^{18}\ \Phi_{26}^{18}\ \Phi_{13}^{21}\ \Phi_8^{24}\ \Phi_4^{24}\ \Phi_2^{24}\ \Phi_1^{28}$
160453	1960	653	$\frac{57}{653}$	$\frac{72}{653}$	$\frac{83}{653}$	$\frac{149}{653}$	$\Phi_{653}^3\ \Phi_1^4$
160454	1960	2248	$\frac{25}{281}$	$\frac{31}{281}$	$\frac{1}{8}$	$\frac{64}{281}$	$\Phi_{2248}\ \Phi_{1124}\ \Phi_{562}$
160455	1960	207	$\frac{4}{69}$	$\frac{1}{9}$	$\frac{13}{69}$	$\frac{2}{9}$	$\Phi_{207}^9\ \Phi_{69}^{10}\ \Phi_{23}^{10}\ \Phi_9^{12}\ \Phi_3^{13}\ \Phi_1^{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160456	1960	90	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{2}{9}$	$\Phi_{90}^{27}\ \Phi_{45}^{18}\ \Phi_{30}^{30}\ \Phi_{18}^{18}\ \Phi_{15}^{20}\ \Phi_{10}^{30}\ \Phi_{9}^{12}\ \Phi_{6}^{20}\ \Phi_{5}^{20}\ \Phi_{3}^{13}\ \Phi_{2}^{20}\ \Phi_{1}^{14}$
160457	1960	207	$\frac{2}{23}$	$\frac{1}{9}$	$\frac{3}{23}$	$\frac{2}{9}$	$\Phi_{207}^{9}\ \Phi_{69}^{9}\ \Phi_{23}^{12}\ \Phi_{9}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{16}$
160458	1960	792	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{2}{9}$	$\Phi_{792}^{3}\ \Phi_{396}^{3}\ \Phi_{264}^{3}\ \Phi_{198}^{3}\ \Phi_{132}^{3}\ \Phi_{88}^{4}\ \Phi_{66}^{3}\ \Phi_{44}^{4}\ \Phi_{22}^{4}$
160459	1960	1959	$\frac{109}{1959}$	$\frac{227}{1959}$	$\frac{370}{1959}$	$\frac{433}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_{3}\ \Phi_{1}^{2}$
160460	1960	705	$\frac{1}{15}$	$\frac{17}{141}$	$\frac{22}{141}$	$\frac{31}{141}$	$\Phi_{705}^{3}\ \Phi_{235}^{3}\ \Phi_{141}^{2}\ \Phi_{47}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
160461	1960	653	$\frac{51}{653}$	$\frac{81}{653}$	$\frac{86}{653}$	$\frac{143}{653}$	$\Phi_{653}^{3}\ \Phi_{1}^{4}$
160462	1960	2167	$\frac{1}{11}$	$\frac{22}{197}$	$\frac{25}{197}$	$\frac{43}{197}$	Φ_{2167}
160463	1960	653	$\frac{58}{653}$	$\frac{73}{653}$	$\frac{85}{653}$	$\frac{142}{653}$	$\Phi_{653}^{3}\ \Phi_{1}^{4}$
160464	1960	2248	$\frac{22}{281}$	$\frac{1}{8}$	$\frac{37}{281}$	$\frac{61}{281}$	$\Phi_{2248}\ \Phi_{1124}\ \Phi_{562}$
160465	1960	1959	$\frac{118}{1959}$	$\frac{263}{1959}$	$\frac{307}{1959}$	$\frac{424}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_{3}\ \Phi_{1}^{2}$
160466	1960	786	$\frac{22}{393}$	$\frac{53}{393}$	$\frac{1}{6}$	$\frac{85}{393}$	$\Phi_{786}^{3}\ \Phi_{393}^{2}\ \Phi_{262}^{3}\ \Phi_{131}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
160467	1960	1843	$\frac{6}{97}$	$\frac{13}{97}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1843}\ \Phi_{97}^{2}\ \Phi_{19}^{2}\ \Phi_{1}^{4}$
160468	1960	2280	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{456}\ \Phi_{380}\ \Phi_{228}\ \Phi_{190}\ \Phi_{120}^{2}\ \Phi_{114}\ \Phi_{60}^{2}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}$
160469	1960	792	$\frac{19}{264}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{792}^{3}\ \Phi_{396}^{3}\ \Phi_{264}^{2}\ \Phi_{198}^{3}\ \Phi_{132}^{2}\ \Phi_{99}^{3}\ \Phi_{88}^{2}\ \Phi_{66}^{2}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{3}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
160470	1960	653	$\frac{37}{653}$	$\frac{88}{653}$	$\frac{113}{653}$	$\frac{135}{653}$	$\Phi_{653}^{3}\ \Phi_{1}^{4}$
160471	1960	705	$\frac{1}{15}$	$\frac{16}{141}$	$\frac{25}{141}$	$\frac{29}{141}$	$\Phi_{705}^{3}\ \Phi_{235}^{3}\ \Phi_{141}^{2}\ \Phi_{47}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
160472	1960	1959	$\frac{124}{1959}$	$\frac{223}{1959}$	$\frac{367}{1959}$	$\frac{398}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_{3}\ \Phi_{1}^{2}$
160473	1960	2248	$\frac{16}{281}$	$\frac{1}{8}$	$\frac{53}{281}$	$\frac{57}{281}$	$\Phi_{2248}\ \Phi_{1124}\ \Phi_{562}$
160474	1960	2760	$\frac{4}{69}$	$\frac{1}{8}$	$\frac{13}{69}$	$\frac{1}{5}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{920}\ \Phi_{690}\ \Phi_{460}\ \Phi_{230}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
160475	1960	2455	$\frac{31}{491}$	$\frac{57}{491}$	$\frac{92}{491}$	$\frac{1}{5}$	Φ_{2455}
160476	1960	660	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{11}{60}$	$\frac{1}{5}$	$\Phi_{660}^{3}\ \Phi_{330}^{3}\ \Phi_{220}^{3}\ \Phi_{165}^{3}\ \Phi_{132}^{4}\ \Phi_{110}^{3}\ \Phi_{66}^{4}\ \Phi_{55}^{4}\ \Phi_{44}^{4}\ \Phi_{33}^{4}\ \Phi_{22}^{4}\ \Phi_{11}^{4}$
160477	1960	255	$\frac{1}{15}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{5}$	$\Phi_{255}^{8}\ \Phi_{85}^{6}\ \Phi_{51}^{8}\ \Phi_{17}^{8}\ \Phi_{15}^{12}\ \Phi_{5}^{9}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
160478	1960	2455	$\frac{29}{491}$	$\frac{66}{491}$	$\frac{85}{491}$	$\frac{1}{5}$	Φ_{2455}
160479	1960	2910	$\frac{6}{97}$	$\frac{13}{97}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2910}\ \Phi_{1455}\ \Phi_{970}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
160480	1960	120	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{120}^{18}\ \Phi_{60}^{18}\ \Phi_{40}^{19}\ \Phi_{30}^{7}\ \Phi_{24}^{20}\ \Phi_{20}^{19}\ \Phi_{15}^{11}\ \Phi_{12}^{20}\ \Phi_{10}^{8}\ \Phi_{8}^{20}\ \Phi_{6}^{8}\ \Phi_{5}^{11}\ \Phi_{4}^{20}\ \Phi_{3}^{12}\ \Phi_{2}^{8}\ \Phi_{1}^{12}$
160481	1960	2970	$\frac{1}{11}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2970}\ \Phi_{1485}\ \Phi_{990}\ \Phi_{495}\ \Phi_{55}$
160482	1960	920	$\frac{2}{23}$	$\frac{1}{8}$	$\frac{3}{23}$	$\frac{1}{5}$	$\Phi_{920}^{3}\ \Phi_{460}^{3}\ \Phi_{230}^{3}\ \Phi_{40}^{4}\ \Phi_{20}^{4}\ \Phi_{10}^{4}$
160483	1960	2455	$\frac{43}{491}$	$\frac{61}{491}$	$\frac{64}{491}$	$\frac{1}{5}$	Φ_{2455}
160484	1960	440	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{5}$	$\Phi_{440}^{6}\ \Phi_{220}^{6}\ \Phi_{110}^{6}\ \Phi_{55}^{7}$
160485	1960	780	$\frac{1}{12}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{11}{60}$	$\Phi_{780}^{3}\ \Phi_{390}^{3}\ \Phi_{260}^{3}\ \Phi_{195}^{3}\ \Phi_{130}^{3}\ \Phi_{65}^{3}\ \Phi_{60}^{4}\ \Phi_{39}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{15}^{4}\ \Phi_{13}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
160486	1960	180	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{11}{60}$	$\Phi_{180}^{15}\ \Phi_{90}^{15}\ \Phi_{60}^{10}\ \Phi_{45}^{15}\ \Phi_{30}^{10}\ \Phi_{20}^{10}\ \Phi_{18}^{3}\ \Phi_{15}^{10}\ \Phi_{10}^{10}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
160487	1960	702	$\frac{5}{54}$	$\frac{4}{39}$	$\frac{1}{6}$	$\frac{7}{39}$	$\Phi_{702}^{3}\ \Phi_{351}^{3}\ \Phi_{234}^{3}\ \Phi_{117}^{3}\ \Phi_{54}^{4}\ \Phi_{39}\ \Phi_{27}^{4}\ \Phi_{18}^{4}\ \Phi_{13}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
160488	1960	312	$\frac{4}{39}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{7}{39}$	$\Phi_{312}^{6}\ \Phi_{156}^{6}\ \Phi_{104}^{6}\ \Phi_{78}^{6}\ \Phi_{52}^{6}\ \Phi_{39}^{7}\ \Phi_{26}^{6}\ \Phi_{24}^{6}\ \Phi_{13}^{7}\ \Phi_{12}^{6}\ \Phi_{8}^{12}\ \Phi_{6}^{6}\ \Phi_{4}^{12}\ \Phi_{3}^{7}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
160489	1960	1959	$\frac{214}{1959}$	$\frac{230}{1959}$	$\frac{247}{1959}$	$\frac{349}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_{3}\ \Phi_{1}^{2}$
160490	1960	2248	$\frac{31}{281}$	$\frac{33}{281}$	$\frac{1}{8}$	$\frac{50}{281}$	$\Phi_{2248}\ \Phi_{1124}\ \Phi_{562}$
160491	1960	561	$\frac{1}{11}$	$\frac{2}{17}$	$\frac{5}{33}$	$\frac{3}{17}$	$\Phi_{561}^{4}\ \Phi_{187}^{2}\ \Phi_{51}^{4}\ \Phi_{33}^{6}\ \Phi_{17}^{4}\ \Phi_{11}^{3}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160492	1960	935	$\frac{6}{55}$	$\frac{2}{17}$	$\frac{7}{55}$	$\frac{3}{17}$	$\Phi_{935}^2\ \Phi_{187}^2\ \Phi_{85}^2\ \Phi_{55}^3\ \Phi_{17}^4\ \Phi_{11}^3\ \Phi_5^3\ \Phi_1^6$
160493	1960	1224	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{3}{17}$	$\Phi_{1224}^2\ \Phi_{612}^2\ \Phi_{408}^2\ \Phi_{306}^2\ \Phi_{204}^2\ \Phi_{102}^2\ \Phi_{72}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_6^3$
160494	1960	1959	$\frac{202}{1959}$	$\frac{244}{1959}$	$\frac{251}{1959}$	$\frac{343}{1959}$	$\Phi_{1959}\ \Phi_{653}\ \Phi_3\ \Phi_1^2$
160495	1960	738	$\frac{1}{9}$	$\frac{29}{246}$	$\frac{31}{246}$	$\frac{43}{246}$	$\Phi_{738}^3\ \Phi_{369}^3\ \Phi_{246}^2\ \Phi_{123}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{18}^3\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160496	1960	653	$\frac{72}{653}$	$\frac{77}{653}$	$\frac{83}{653}$	$\frac{114}{653}$	$\Phi_{653}^3\ \Phi_1^4$
160497	1960	2248	$\frac{29}{281}$	$\frac{1}{8}$	$\frac{36}{281}$	$\frac{49}{281}$	$\Phi_{2248}\ \Phi_{1124}\ \Phi_{562}$
160498	1960	54	$\frac{5}{54}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{54}^{40}\ \Phi_{27}^{40}\ \Phi_{18}^{28}\ \Phi_9^{27}\ \Phi_6^{32}\ \Phi_3^{31}\ \Phi_2^{32}\ \Phi_1^{32}$
160499	1960	264	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{5}{33}$	$\frac{1}{6}$	$\Phi_{264}^8\ \Phi_{132}^8\ \Phi_{88}^9\ \Phi_{66}^3\ \Phi_{44}^9\ \Phi_{33}^5\ \Phi_{24}^{10}\ \Phi_{22}^4\ \Phi_{12}^{10}\ \Phi_{11}^5\ \Phi_8^{10}\ \Phi_6^4\ \Phi_4^{10}\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
160500	1960	288	$\frac{5}{48}$	$\frac{1}{9}$	$\frac{43}{288}$	$\frac{1}{6}$	$\Phi_{288}^8\ \Phi_{144}^5\ \Phi_{96}^8\ \Phi_{72}^5\ \Phi_{48}^6\ \Phi_{36}^5\ \Phi_{32}^8\ \Phi_{24}^6\ \Phi_{18}^8\ \Phi_{16}^6\ \Phi_{12}^6\ \Phi_9^7\ \Phi_8^6\ \Phi_6^8\ \Phi_4^6\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
160501	1960	1320	$\frac{6}{55}$	$\frac{1}{8}$	$\frac{7}{55}$	$\frac{1}{6}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}^2\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{120}^2\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{44}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}^4\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{11}\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
160502	1960	786	$\frac{43}{393}$	$\frac{49}{393}$	$\frac{50}{393}$	$\frac{1}{6}$	$\Phi_{786}^3\ \Phi_{393}^2\ \Phi_{262}^3\ \Phi_{131}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160503	1960	72	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{6}$	$\Phi_{72}^{30}\ \Phi_{36}^{30}\ \Phi_{24}^{18}\ \Phi_{18}^{33}\ \Phi_{12}^{18}\ \Phi_9^{32}\ \Phi_8^{24}\ \Phi_6^{20}\ \Phi_4^{24}\ \Phi_3^{19}\ \Phi_2^{26}\ \Phi_1^{26}$
160504	1961	3136	$\frac{1}{392}$	$\frac{393}{1568}$	$\frac{1175}{3136}$	$\frac{391}{784}$	$\Phi_{3136}\ \Phi_{784}\ \Phi_{448}\ \Phi_{112}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
160505	1961	3360	$\frac{1}{280}$	$\frac{281}{1680}$	$\frac{1399}{3360}$	$\frac{279}{560}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{560}\ \Phi_{480}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{96}\ \Phi_{80}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
160506	1961	3904	$\frac{9}{1952}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1943}{3904}$	$\Phi_{3904}\ \Phi_{64}\ \Phi_{16}\ \Phi_1$
160507	1961	3900	$\frac{11}{1950}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1939}{3900}$	$\Phi_{3900}\ \Phi_{1300}\ \Phi_{780}\ \Phi_{300}\ \Phi_{260}\ \Phi_{156}\ \Phi_{100}\ \Phi_{60}\ \Phi_{52}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
160508	1961	2620	$\frac{4}{655}$	$\frac{1}{5}$	$\frac{659}{2620}$	$\frac{651}{1310}$	$\Phi_{2620}\ \Phi_{655}\ \Phi_{524}\ \Phi_{131}\ \Phi_{20}\ \Phi_4\ \Phi_1$
160509	1961	3888	$\frac{17}{1944}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1927}{3888}$	$\Phi_{3888}\ \Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
160510	1961	2624	$\frac{7}{656}$	$\frac{1}{8}$	$\frac{663}{2624}$	$\frac{649}{1312}$	$\Phi_{2624}\ \Phi_{656}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}\ \Phi_{64}\ \Phi_{41}\ \Phi_{16}\ \Phi_1$
160511	1961	3864	$\frac{29}{1932}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1903}{3864}$	$\Phi_{3864}\ \Phi_{1288}\ \Phi_{552}\ \Phi_{184}\ \Phi_{168}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
160512	1961	3808	$\frac{1}{56}$	$\frac{57}{1904}$	$\frac{1847}{3808}$	$\frac{55}{112}$	$\Phi_{3808}\ \Phi_{544}\ \Phi_{224}\ \Phi_{112}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
160513	1961	936	$\frac{1}{52}$	$\frac{1}{36}$	$\frac{35}{72}$	$\frac{51}{104}$	$\Phi_{468}^4\ \Phi_{234}^4\ \Phi_{156}^4\ \Phi_{117}^4\ \Phi_{104}\ \Phi_{78}^4\ \Phi_{72}\ \Phi_{52}^4\ \Phi_{39}^4\ \Phi_{36}^4\ \Phi_{26}^4\ \Phi_{24}\ \Phi_{18}^4\ \Phi_{13}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
160514	1961	312	$\frac{1}{52}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{312}^{12}\ \Phi_{104}^{13}\ \Phi_{39}\ \Phi_{24}^{12}\ \Phi_{13}\ \Phi_8^{13}\ \Phi_1$
160515	1961	2808	$\frac{1}{52}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{51}{104}$	$\Phi_{2808}^2\ \Phi_{216}^2\ \Phi_{104}\ \Phi_{54}\ \Phi_{27}\ \Phi_8\ \Phi_1$
160516	1961	520	$\frac{1}{52}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{51}{104}$	$\Phi_{520}^4\ \Phi_{260}^4\ \Phi_{130}^4\ \Phi_{104}\ \Phi_{65}^4\ \Phi_{52}^4\ \Phi_{40}^5\ \Phi_{26}^4\ \Phi_{20}^5\ \Phi_{13}^4\ \Phi_{10}^5\ \Phi_8^2\ \Phi_5^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
160517	1961	624	$\frac{1}{52}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{51}{104}$	$\Phi_{624}^4\ \Phi_{208}^4\ \Phi_{156}^4\ \Phi_{104}\ \Phi_{78}^4\ \Phi_{52}^4\ \Phi_{48}^5\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{24}\ \Phi_{16}^5\ \Phi_{13}^4\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
160518	1961	4680	$\frac{1}{52}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{51}{104}$	$\Phi_{4680}\ \Phi_{1560}\ \Phi_{520}\ \Phi_{360}\ \Phi_{120}\ \Phi_{104}\ \Phi_{45}\ \Phi_{40}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
160519	1961	2184	$\frac{1}{52}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{51}{104}$	$\Phi_{2184}^2\ \Phi_{728}^2\ \Phi_{168}^2\ \Phi_{104}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
160520	1961	2632	$\frac{13}{658}$	$\frac{1}{14}$	$\frac{671}{2632}$	$\frac{645}{1316}$	$\Phi_{2632}\ \Phi_{658}\ \Phi_{376}\ \Phi_{329}\ \Phi_{94}\ \Phi_{56}\ \Phi_{47}\ \Phi_8\ \Phi_1$
160521	1961	3840	$\frac{41}{1920}$	$\frac{1}{40}$	$\frac{39}{80}$	$\frac{1879}{3840}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{256}\ \Phi_{80}\ \Phi_{16}\ \Phi_1$
160522	1961	3840	$\frac{41}{1920}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{1879}{3840}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{256}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
160523	1961	3840	$\frac{41}{1920}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1879}{3840}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{256}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
160524	1961	2880	$\frac{1}{40}$	$\frac{41}{960}$	$\frac{919}{2880}$	$\frac{39}{80}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{576}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160525	1961	2080	$\frac{1}{40}$	$\frac{119}{2080}$	$\frac{41}{160}$	$\frac{39}{80}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_1$
160526	1961	2560	$\frac{1}{40}$	$\frac{41}{640}$	$\frac{599}{2560}$	$\frac{39}{80}$	$\Phi_{2560}\ \Phi_{1280}\ \Phi_{512}\ \Phi_{256}\ \Phi_{80}\ \Phi_{16}\ \Phi_1$
160527	1961	2400	$\frac{1}{40}$	$\frac{41}{480}$	$\frac{439}{2400}$	$\frac{39}{80}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
160528	1961	2160	$\frac{1}{40}$	$\frac{199}{2160}$	$\frac{41}{240}$	$\frac{39}{80}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
160529	1961	2240	$\frac{1}{40}$	$\frac{279}{2240}$	$\frac{41}{320}$	$\frac{39}{80}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
160530	1961	936	$\frac{1}{36}$	$\frac{1}{26}$	$\frac{25}{78}$	$\frac{35}{72}$	$\Phi_{936}^4\ \Phi_{312}^4\ \Phi_{104}^4\ \Phi_{78}\ \Phi_{72}^5\ \Phi_{39}\ \Phi_{24}^5\ \Phi_8^5\ \Phi_6\ \Phi_3\ \Phi_1$
160531	1961	504	$\frac{1}{36}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{72}\ \Phi_{63}^4\ \Phi_{56}^5\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^5\ \Phi_{24}\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^5\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^2\ \Phi_7^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
160532	1961	4680	$\frac{1}{36}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{35}{72}$	$\Phi_{4680}\ \Phi_{1560}\ \Phi_{520}\ \Phi_{360}\ \Phi_{120}\ \Phi_{72}\ \Phi_{65}\ \Phi_{40}\ \Phi_{24}\ \Phi_8\ \Phi_5\ \Phi_1$
160533	1961	2640	$\frac{19}{660}$	$\frac{1}{20}$	$\frac{679}{2640}$	$\frac{641}{1320}$	$\Phi_{2640}\ \Phi_{880}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{240}\ \Phi_{220}\ \Phi_{176}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{80}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
160534	1961	3780	$\frac{1}{35}$	$\frac{71}{1890}$	$\frac{34}{105}$	$\frac{1819}{3780}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{108}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
160535	1961	1938	$\frac{1}{38}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{1938}\ \Phi_{969}\ \Phi_{646}\ \Phi_{323}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{51}\ \Phi_{38}\ \Phi_{19}\ \Phi_{17}\ \Phi_6\ \Phi_3\ \Phi_1$
160536	1961	2660	$\frac{1}{35}$	$\frac{34}{665}$	$\frac{699}{2660}$	$\frac{631}{1330}$	$\Phi_{2660}\ \Phi_{665}\ \Phi_{532}\ \Phi_{380}\ \Phi_{140}\ \Phi_{133}\ \Phi_{95}\ \Phi_{76}\ \Phi_{28}\ \Phi_{20}\ \Phi_{19}\ \Phi_4\ \Phi_1$
160537	1961	1368	$\frac{1}{38}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{1368}^2\ \Phi_{456}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{152}^2\ \Phi_{114}^2\ \Phi_{72}\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{24}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
160538	1961	70	$\frac{1}{35}$	$\frac{2}{35}$	$\frac{17}{70}$	$\frac{33}{70}$	$\Phi_{70}^{20}\ \Phi_{35}^{36}\ \Phi_{14}^{20}\ \Phi_{10}^{20}\ \Phi_7^{36}\ \Phi_5^{36}\ \Phi_2^{20}\ \Phi_1^{37}$
160539	1961	280	$\frac{3}{56}$	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{33}{70}$	$\Phi_{280}^7\ \Phi_{140}^7\ \Phi_{70}^4\ \Phi_{56}^9\ \Phi_{40}^7\ \Phi_{35}^7\ \Phi_{28}^9\ \Phi_{20}^7\ \Phi_{14}^6\ \Phi_{10}^4\ \Phi_8^9\ \Phi_7^8\ \Phi_5^7\ \Phi_4^9\ \Phi_2^6\ \Phi_1^9$
160540	1961	3696	$\frac{1}{56}$	$\frac{113}{1848}$	$\frac{55}{168}$	$\frac{1735}{3696}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
160541	1961	2688	$\frac{1}{56}$	$\frac{55}{672}$	$\frac{727}{2688}$	$\frac{617}{1344}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{128}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
160542	1961	2200	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{239}{2200}$	$\frac{201}{440}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{220}\ \Phi_{200}\ \Phi_{110}\ \Phi_{100}\ \Phi_{55}\ \Phi_{50}\ \Phi_{44}\ \Phi_{25}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
160543	1961	3600	$\frac{1}{40}$	$\frac{161}{1800}$	$\frac{39}{200}$	$\frac{1639}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{144}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
160544	1961	3600	$\frac{1}{20}$	$\frac{161}{1800}$	$\frac{19}{180}$	$\frac{1639}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
160545	1961	3584	$\frac{1}{56}$	$\frac{169}{1792}$	$\frac{55}{224}$	$\frac{1623}{3584}$	$\Phi_{3584}\ \Phi_{512}\ \Phi_{224}\ \Phi_{112}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
160546	1961	2400	$\frac{1}{40}$	$\frac{39}{400}$	$\frac{439}{2400}$	$\frac{361}{800}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{96}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
160547	1961	1824	$\frac{1}{38}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{1824}^2\ \Phi_{608}^2\ \Phi_{114}^2\ \Phi_{96}\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{32}\ \Phi_{19}\ \Phi_6\ \Phi_3\ \Phi_1$
160548	1961	2160	$\frac{1}{20}$	$\frac{199}{2160}$	$\frac{19}{180}$	$\frac{161}{360}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{54}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
160549	1961	3528	$\frac{1}{98}$	$\frac{197}{1764}$	$\frac{97}{294}$	$\frac{1567}{3528}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{392}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{72}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
160550	1961	3520	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{201}{1760}$	$\frac{1559}{3520}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{220}\ \Phi_{110}\ \Phi_{64}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
160551	1961	2928	$\frac{9}{976}$	$\frac{1}{8}$	$\frac{967}{2928}$	$\frac{7}{16}$	$\Phi_{2928}\ \Phi_{1464}\ \Phi_{732}\ \Phi_{366}\ \Phi_{183}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
160552	1961	1984	$\frac{23}{1984}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{64}\ \Phi_{62}\ \Phi_{31}\ \Phi_{16}\ \Phi_1$
160553	1961	2744	$\frac{1}{98}$	$\frac{97}{686}$	$\frac{783}{2744}$	$\frac{589}{1372}$	$\Phi_{2744}\ \Phi_{686}\ \Phi_{392}\ \Phi_{343}\ \Phi_{56}\ \Phi_8\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160554	1961	2016	$\frac{55}{2016}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
160555	1961	1140	$\frac{1}{38}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{114}^2\ \Phi_{95}^2\ \Phi_{60}\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{30}\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
160556	1961	3360	$\frac{1}{140}$	$\frac{281}{1680}$	$\frac{139}{420}$	$\frac{1399}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{420}\ \Phi_{224}\ \Phi_{210}\ \Phi_{160}\ \Phi_{105}\ \Phi_{96}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{32}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
160557	1961	3360	$\frac{1}{56}$	$\frac{55}{336}$	$\frac{281}{1680}$	$\frac{1399}{3360}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{160}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
160558	1961	1710	$\frac{1}{38}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{37}{90}$	$\Phi_{1710}\ \Phi_{855}\ \Phi_{570}\ \Phi_{342}^2\ \Phi_{285}\ \Phi_{190}\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{95}\ \Phi_{57}^2\ \Phi_{45}\ \Phi_{38}\ \Phi_{19}\ \Phi_{18}\ \Phi_{15}\ \Phi_{9}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
160559	1961	3280	$\frac{7}{328}$	$\frac{1}{8}$	$\frac{321}{1640}$	$\frac{1319}{3280}$	$\Phi_{3280}\ \Phi_{656}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}\ \Phi_{80}\ \Phi_{41}\ \Phi_{16}\ \Phi_{1}$
160560	1961	2800	$\frac{1}{140}$	$\frac{139}{700}$	$\frac{839}{2800}$	$\frac{561}{1400}$	$\Phi_{2800}\ \Phi_{700}\ \Phi_{560}\ \Phi_{400}\ \Phi_{350}\ \Phi_{175}\ \Phi_{112}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_{1}$
160561	1961	3200	$\frac{1}{40}$	$\frac{39}{400}$	$\frac{361}{1600}$	$\frac{1239}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{400}\ \Phi_{200}\ \Phi_{128}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{25}\ \Phi_{16}\ \Phi_{1}$
160562	1961	2240	$\frac{1}{56}$	$\frac{279}{2240}$	$\frac{55}{224}$	$\frac{169}{448}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{320}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
160563	1961	1980	$\frac{19}{1980}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
160564	1961	3024	$\frac{1}{56}$	$\frac{55}{504}$	$\frac{449}{1512}$	$\frac{1063}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{432}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
160565	1961	2016	$\frac{55}{2016}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
160566	1961	2040	$\frac{79}{2040}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{34}\ \Phi_{30}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
160567	1961	2100	$\frac{1}{35}$	$\frac{139}{2100}$	$\frac{34}{105}$	$\frac{71}{210}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{28}\ \Phi_{25}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
160568	1961	80	$\frac{1}{40}$	$\frac{3}{40}$	$\frac{13}{40}$	$\frac{27}{80}$	$\Phi_{80}^{37}\ \Phi_{40}^{12}\ \Phi_{20}^{12}\ \Phi_{16}^{37}\ \Phi_{10}^{12}\ \Phi_{8}^{12}\ \Phi_{5}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
160569	1961	2352	$\frac{1}{98}$	$\frac{391}{2352}$	$\frac{97}{294}$	$\frac{197}{588}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{784}\ \Phi_{392}\ \Phi_{336}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{112}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
160570	1961	2520	$\frac{1}{140}$	$\frac{559}{2520}$	$\frac{139}{420}$	$\frac{281}{840}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
160571	1961	2940	$\frac{1}{245}$	$\frac{244}{735}$	$\frac{979}{2940}$	$\frac{491}{1470}$	$\Phi_{2940}\ \Phi_{980}\ \Phi_{735}\ \Phi_{588}\ \Phi_{420}\ \Phi_{196}\ \Phi_{147}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
160572	1961	78	$\frac{1}{26}$	$\frac{2}{39}$	$\frac{25}{78}$	$\frac{1}{3}$	$\Phi_{78}^{25}\ \Phi_{39}^{26}\ \Phi_{26}^{24}\ \Phi_{13}^{25}\ \Phi_{6}^{25}\ \Phi_{3}^{25}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
160573	1961	2184	$\frac{2}{39}$	$\frac{3}{56}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{312}\ \Phi_{273}\ \Phi_{182}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{39}\ \Phi_{28}\ \Phi_{14}\ \Phi_{13}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
160574	1961	195	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{195}^{12}\ \Phi_{65}^{13}\ \Phi_{39}\ \Phi_{15}^{12}\ \Phi_{13}\ \Phi_{5}^{13}\ \Phi_{1}$
160575	1961	2646	$\frac{1}{98}$	$\frac{197}{882}$	$\frac{685}{2646}$	$\frac{97}{294}$	$\Phi_{2646}\ \Phi_{1323}\ \Phi_{378}\ \Phi_{294}\ \Phi_{189}\ \Phi_{147}\ \Phi_{54}\ \Phi_{42}\ \Phi_{27}\ \Phi_{21}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
160576	1961	2925	$\frac{11}{975}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{964}{2925}$	$\Phi_{2925}\ \Phi_{585}\ \Phi_{225}\ \Phi_{117}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
160577	1961	2835	$\frac{1}{35}$	$\frac{71}{945}$	$\frac{874}{2835}$	$\frac{34}{105}$	$\Phi_{2835}\ \Phi_{567}\ \Phi_{405}\ \Phi_{105}\ \Phi_{81}\ \Phi_{21}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
160578	1961	2205	$\frac{1}{35}$	$\frac{244}{2205}$	$\frac{71}{315}$	$\frac{34}{105}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{441}\ \Phi_{245}\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}\ \Phi_{21}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
160579	1961	2520	$\frac{1}{35}$	$\frac{71}{630}$	$\frac{559}{2520}$	$\frac{34}{105}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{72}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
160580	1961	2898	$\frac{29}{966}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{937}{2898}$	$\Phi_{2898}\ \Phi_{1449}\ \Phi_{414}\ \Phi_{207}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
160581	1961	702	$\frac{1}{26}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{25}{78}$	$\Phi_{702}^{4}\ \Phi_{351}^{4}\ \Phi_{78}\ \Phi_{54}^{5}\ \Phi_{39}\ \Phi_{27}^{5}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160582	1961	1560	$\frac{1}{26}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{25}{78}$	$\Phi_{1560}^2\ \Phi_{780}^2\ \Phi_{390}^2\ \Phi_{312}^2\ \Phi_{195}^2\ \Phi_{120}^2\ \Phi_{78}\ \Phi_{60}^2\ \Phi_{40}\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
160583	1961	624	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{25}{78}$	$\Phi_{624}^4\ \Phi_{312}^4\ \Phi_{208}^4\ \Phi_{104}^4\ \Phi_{78}\ \Phi_{48}^5\ \Phi_{39}\ \Phi_{24}^5\ \Phi_{16}^5\ \Phi_8^5\ \Phi_6\ \Phi_3\ \Phi_1$
160584	1961	1170	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{25}{78}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{390}^2\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{90}^2\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{45}^3\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6\ \Phi_5^3\ \Phi_3\ \Phi_1$
160585	1961	546	$\frac{1}{26}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{25}{78}$	$\Phi_{546}^4\ \Phi_{273}^4\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{78}\ \Phi_{42}^5\ \Phi_{39}\ \Phi_{21}^5\ \Phi_{14}^5\ \Phi_7^5\ \Phi_6\ \Phi_3\ \Phi_1$
160586	1961	2880	$\frac{41}{960}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{919}{2880}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{576}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
160587	1961	2880	$\frac{41}{960}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{919}{2880}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{576}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
160588	1961	2400	$\frac{1}{20}$	$\frac{41}{480}$	$\frac{439}{2400}$	$\frac{19}{60}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{25}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
160589	1961	2160	$\frac{1}{20}$	$\frac{199}{2160}$	$\frac{41}{240}$	$\frac{19}{60}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
160590	1961	1512	$\frac{3}{56}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{1512}^2\ \Phi_{756}^2\ \Phi_{378}^2\ \Phi_{216}^2\ \Phi_{189}^2\ \Phi_{56}\ \Phi_{54}\ \Phi_{28}\ \Phi_{27}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
160591	1961	3510	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{17}{54}$	$\Phi_{3510}\ \Phi_{1755}\ \Phi_{270}\ \Phi_{135}\ \Phi_{65}\ \Phi_{54}\ \Phi_{27}\ \Phi_5\ \Phi_1$
160592	1961	2592	$\frac{17}{648}$	$\frac{1}{8}$	$\frac{631}{2592}$	$\frac{7}{24}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
160593	1961	2016	$\frac{55}{2016}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
160594	1961	2160	$\frac{17}{216}$	$\frac{199}{2160}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
160595	1961	168	$\frac{3}{56}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{168}^{14}\ \Phi_{84}^{14}\ \Phi_{56}^9\ \Phi_{42}^{11}\ \Phi_{28}^9\ \Phi_{24}^{14}\ \Phi_{21}^{11}\ \Phi_{14}^6\ \Phi_{12}^{14}\ \Phi_8^9\ \Phi_7^8\ \Phi_6^{11}\ \Phi_4^9\ \Phi_3^{11}\ \Phi_2^6\ \Phi_1^9$
160596	1961	2700	$\frac{1}{20}$	$\frac{19}{180}$	$\frac{161}{900}$	$\frac{739}{2700}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
160597	1961	2688	$\frac{1}{56}$	$\frac{169}{896}$	$\frac{55}{224}$	$\frac{727}{2688}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
160598	1961	2400	$\frac{1}{40}$	$\frac{439}{2400}$	$\frac{39}{200}$	$\frac{161}{600}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{96}\ \Phi_{80}\ \Phi_{50}\ \Phi_{48}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
160599	1961	2340	$\frac{11}{390}$	$\frac{379}{2340}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{468}\ \Phi_{260}\ \Phi_{234}\ \Phi_{180}\ \Phi_{156}\ \Phi_{117}\ \Phi_{90}\ \Phi_{60}\ \Phi_{52}\ \Phi_{45}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
160600	1961	2025	$\frac{64}{2025}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{405}\ \Phi_{225}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_3\ \Phi_1$
160601	1961	2145	$\frac{11}{195}$	$\frac{184}{2145}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{429}\ \Phi_{165}\ \Phi_{143}\ \Phi_{55}\ \Phi_{33}\ \Phi_{15}\ \Phi_{11}\ \Phi_3\ \Phi_1$
160602	1961	2100	$\frac{139}{2100}$	$\frac{11}{150}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{210}\ \Phi_{175}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_3\ \Phi_1$
160603	1961	1368	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{1368}^2\ \Phi_{684}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{72}\ \Phi_{57}^2\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
160604	1961	2640	$\frac{1}{20}$	$\frac{19}{220}$	$\frac{201}{880}$	$\frac{679}{2640}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{22}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
160605	1961	280	$\frac{3}{56}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{280}^8\ \Phi_{140}^8\ \Phi_{70}^8\ \Phi_{56}^5\ \Phi_{40}^5\ \Phi_{35}^8\ \Phi_{28}^5\ \Phi_{20}^5\ \Phi_{14}^5\ \Phi_{10}^5\ \Phi_8^2\ \Phi_7^5\ \Phi_5^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
160606	1961	336	$\frac{3}{56}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{336}^8\ \Phi_{168}^4\ \Phi_{112}^8\ \Phi_{84}^4\ \Phi_{56}^5\ \Phi_{48}^5\ \Phi_{42}^4\ \Phi_{28}^5\ \Phi_{24}\ \Phi_{21}^4\ \Phi_{16}^5\ \Phi_{14}^5\ \Phi_{12}^4\ \Phi_8^2\ \Phi_7^5\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
160607	1961	520	$\frac{3}{40}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{4}$	$\Phi_{520}^4\ \Phi_{260}^3\ \Phi_{130}^3\ \Phi_{104}^4\ \Phi_{65}^4\ \Phi_{52}^4\ \Phi_{40}^5\ \Phi_{26}^4\ \Phi_{20}^4\ \Phi_{13}^4\ \Phi_{10}^4\ \Phi_8^5\ \Phi_5^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160608	1961	2520	$\frac{3}{56}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{210}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{15}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
160609	1961	168	$\frac{3}{56}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{168}^{12}\ \Phi_{84}^{10}\ \Phi_{56}^{13}\ \Phi_{42}^{11}\ \Phi_{28}^{11}\ \Phi_{24}^{12}\ \Phi_{21}^{11}\ \Phi_{14}^{12}\ \Phi_{12}^{12}\ \Phi_{8}^{13}\ \Phi_{7}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
160610	1961	3120	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{12}{65}$	$\frac{11}{48}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{240}\ \Phi_{120}\ \Phi_{80}\ \Phi_{65}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
160611	1961	2112	$\frac{151}{2112}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{192}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
160612	1961	280	$\frac{3}{56}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{140}$	$\Phi_{280}^{7}\ \Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{56}^{9}\ \Phi_{40}^{7}\ \Phi_{35}^{7}\ \Phi_{28}^{8}\ \Phi_{20}^{6}\ \Phi_{14}^{8}\ \Phi_{10}^{6}\ \Phi_{8}^{9}\ \Phi_{7}^{8}\ \Phi_{5}^{7}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
160613	1961	200	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{200}$	$\Phi_{200}^{9}\ \Phi_{100}^{9}\ \Phi_{50}^{10}\ \Phi_{40}^{12}\ \Phi_{25}^{10}\ \Phi_{20}^{12}\ \Phi_{10}^{12}\ \Phi_{8}^{12}\ \Phi_{5}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
160614	1961	585	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{12}{65}$	$\Phi_{585}^{3}\ \Phi_{195}^{3}\ \Phi_{117}^{4}\ \Phi_{65}^{4}\ \Phi_{45}^{4}\ \Phi_{39}^{4}\ \Phi_{15}^{4}\ \Phi_{13}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
160615	1961	2730	$\frac{1}{13}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{12}{65}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{910}\ \Phi_{455}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{65}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
160616	1961	2400	$\frac{41}{480}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{439}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
160617	1961	2160	$\frac{199}{2160}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{240}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
160618	1961	2304	$\frac{41}{384}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{343}{2304}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
160619	1962	3260	$\frac{1}{326}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{325}{652}$	$\Phi_{3260}\ \Phi_{652}^{2}\ \Phi_{20}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
160620	1962	1956	$\frac{1}{326}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{325}{652}$	$\Phi_{1956}\ \Phi_{978}^{2}\ \Phi_{489}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
160621	1962	3472	$\frac{1}{217}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{108}{217}$	$\Phi_{3472}\ \Phi_{496}\ \Phi_{217}\ \Phi_{112}\ \Phi_{31}\ \Phi_{16}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
160622	1962	868	$\frac{1}{217}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{108}{217}$	$\Phi_{868}^{2}\ \Phi_{434}^{2}\ \Phi_{217}^{3}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{31}^{3}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
160623	1962	1300	$\frac{2}{325}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{323}{650}$	$\Phi_{1300}^{2}\ \Phi_{325}^{2}\ \Phi_{260}^{2}\ \Phi_{100}^{2}\ \Phi_{65}^{2}\ \Phi_{52}^{2}\ \Phi_{25}^{2}\ \Phi_{20}^{3}\ \Phi_{13}^{2}\ \Phi_{10}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
160624	1962	1961	$\frac{13}{1961}$	$\frac{329}{1961}$	$\frac{544}{1961}$	$\frac{974}{1961}$	$\Phi_{1961}\ \Phi_{53}\ \Phi_{37}\ \Phi_{1}^{2}$
160625	1962	524	$\frac{1}{131}$	$\frac{22}{131}$	$\frac{1}{4}$	$\frac{65}{131}$	$\Phi_{524}^{5}\ \Phi_{262}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
160626	1962	3672	$\frac{1}{108}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{107}{216}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{216}^{2}\ \Phi_{136}\ \Phi_{72}^{2}\ \Phi_{24}^{2}\ \Phi_{17}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
160627	1962	1080	$\frac{1}{108}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{107}{216}$	$\Phi_{1080}^{4}\ \Phi_{360}^{4}\ \Phi_{216}^{2}\ \Phi_{120}^{4}\ \Phi_{72}^{2}\ \Phi_{40}^{4}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{15}\ \Phi_{8}^{2}\ \Phi_{6}$
160628	1962	3672	$\frac{1}{108}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{107}{216}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{216}^{2}\ \Phi_{136}\ \Phi_{72}^{2}\ \Phi_{24}^{2}\ \Phi_{17}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
160629	1962	1512	$\frac{1}{108}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{107}{216}$	$\Phi_{1512}^{3}\ \Phi_{504}^{3}\ \Phi_{168}^{3}\ \Phi_{56}^{3}\ \Phi_{28}\ \Phi_{14}$
160630	1962	730	$\frac{1}{73}$	$\frac{1}{10}$	$\frac{37}{146}$	$\frac{36}{73}$	$\Phi_{730}^{3}\ \Phi_{365}^{3}\ \Phi_{146}\ \Phi_{73}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
160631	1962	212	$\frac{1}{53}$	$\frac{3}{106}$	$\frac{103}{212}$	$\frac{26}{53}$	$\Phi_{212}^{18}\ \Phi_{53}\ \Phi_{4}^{18}\ \Phi_{1}^{2}$
160632	1962	159	$\frac{1}{53}$	$\frac{3}{53}$	$\frac{50}{159}$	$\frac{26}{53}$	$\Phi_{159}^{18}\ \Phi_{53}\ \Phi_{3}^{18}\ \Phi_{1}^{2}$
160633	1962	1060	$\frac{1}{53}$	$\frac{79}{1060}$	$\frac{27}{106}$	$\frac{26}{53}$	$\Phi_{1060}^{2}\ \Phi_{530}^{2}\ \Phi_{265}^{2}\ \Phi_{212}^{2}\ \Phi_{53}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
160634	1962	424	$\frac{1}{53}$	$\frac{9}{106}$	$\frac{97}{424}$	$\frac{26}{53}$	$\Phi_{424}^{6}\ \Phi_{212}^{6}\ \Phi_{53}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
160635	1962	371	$\frac{1}{53}$	$\frac{44}{371}$	$\frac{9}{53}$	$\frac{26}{53}$	$\Phi_{371}^{6}\ \Phi_{53}\ \Phi_{7}^{6}\ \Phi_{1}^{2}$
160636	1962	1924	$\frac{19}{962}$	$\frac{1}{37}$	$\frac{18}{37}$	$\frac{943}{1924}$	$\Phi_{1924}^{2}\ \Phi_{148}^{2}\ \Phi_{52}^{2}\ \Phi_{37}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
160637	1962	4480	$\frac{7}{320}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{313}{640}$	$\Phi_{4480}\ \Phi_{896}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
160638	1962	481	$\frac{1}{37}$	$\frac{19}{481}$	$\frac{154}{481}$	$\frac{18}{37}$	$\Phi_{481}^{4}\ \Phi_{37}^{5}\ \Phi_{13}^{4}\ \Phi_{1}^{6}$
160639	1962	1036	$\frac{1}{37}$	$\frac{55}{1036}$	$\frac{19}{74}$	$\frac{18}{37}$	$\Phi_{1036}^{2}\ \Phi_{518}^{2}\ \Phi_{259}^{2}\ \Phi_{148}^{2}\ \Phi_{37}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
160640	1962	212	$\frac{3}{106}$	$\frac{2}{53}$	$\frac{17}{53}$	$\frac{103}{212}$	$\Phi_{212}^{18}\ \Phi_{53}\ \Phi_{4}^{18}\ \Phi_{1}^{2}$
160641	1962	212	$\frac{3}{106}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{103}{212}$	$\Phi_{212}^{18}\ \Phi_{53}\ \Phi_{4}^{18}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160642	1962	3990	$\frac{4}{105}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{101}{210}$	$\Phi_{3990}\ \Phi_{1330}\ \Phi_{798}\ \Phi_{570}\ \Phi_{266}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{38}$
160643	1962	629	$\frac{1}{37}$	$\frac{25}{629}$	$\frac{12}{37}$	$\frac{302}{629}$	$\Phi_{629}^3\ \Phi_{37}^5\ \Phi_{17}^3\ \Phi_1^6$
160644	1962	2508	$\frac{1}{22}$	$\frac{1}{19}$	$\frac{23}{132}$	$\frac{21}{44}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{627}\ \Phi_{418}\ \Phi_{228}\ \Phi_{209}\ \Phi_{114}\ \Phi_{57}\ \Phi_{38}$
160645	1962	148	$\frac{1}{37}$	$\frac{2}{37}$	$\frac{39}{148}$	$\frac{35}{74}$	$\Phi_{148}^{18}\ \Phi_{37}^{17}\ \Phi_4^{18}\ \Phi_1^{18}$
160646	1962	1887	$\frac{2}{111}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{1887}\ \Phi_{629}\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_{17}\ \Phi_1^2$
160647	1962	2754	$\frac{1}{54}$	$\frac{1}{17}$	$\frac{53}{162}$	$\frac{8}{17}$	$\Phi_{2754}\ \Phi_{1377}\ \Phi_{162}^2\ \Phi_{81}^2\ \Phi_{17}\ \Phi_1^2$
160648	1962	1904	$\frac{3}{112}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{272}\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{112}^2\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_1^2$
160649	1962	2448	$\frac{1}{36}$	$\frac{1}{17}$	$\frac{35}{144}$	$\frac{8}{17}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{144}^2\ \Phi_{136}\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
160650	1962	2295	$\frac{1}{27}$	$\frac{1}{17}$	$\frac{26}{135}$	$\frac{8}{17}$	$\Phi_{2295}\ \Phi_{765}\ \Phi_{255}\ \Phi_{135}^2\ \Phi_{85}\ \Phi_{45}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
160651	1962	1938	$\frac{5}{114}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{1938}\ \Phi_{969}\ \Phi_{646}\ \Phi_{323}\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{17}\ \Phi_1^2$
160652	1962	2142	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{17}{126}$	$\frac{8}{17}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{126}^2\ \Phi_{119}\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{17}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
160653	1962	1989	$\frac{1}{17}$	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{8}{17}$	$\Phi_{1989}\ \Phi_{663}\ \Phi_{221}\ \Phi_{117}^2\ \Phi_{39}^2\ \Phi_{17}\ \Phi_{13}^2\ \Phi_1^2$
160654	1962	2040	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{8}{17}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{136}\ \Phi_{120}^2\ \Phi_{85}\ \Phi_{60}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_5^2\ \Phi_1^2$
160655	1962	111	$\frac{2}{111}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{111}^{18}\ \Phi_{37}^{17}\ \Phi_3^{18}\ \Phi_1^{18}$
160656	1962	3800	$\frac{1}{19}$	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{91}{200}$	$\Phi_{3800}\ \Phi_{760}\ \Phi_{190}\ \Phi_{152}\ \Phi_{95}\ \Phi_{38}$
160657	1962	2280	$\frac{1}{19}$	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{190}\ \Phi_{152}\ \Phi_{114}\ \Phi_{95}\ \Phi_{57}\ \Phi_{38}$
160658	1962	3762	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{89}{198}$	$\Phi_{3762}\ \Phi_{1254}\ \Phi_{418}\ \Phi_{342}\ \Phi_{209}\ \Phi_{114}\ \Phi_{38}$
160659	1962	592	$\frac{1}{37}$	$\frac{31}{296}$	$\frac{6}{37}$	$\frac{265}{592}$	$\Phi_{592}^6\ \Phi_{37}^5\ \Phi_{16}^6\ \Phi_1^6$
160660	1962	2640	$\frac{1}{110}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2640}^2\ \Phi_{528}^2\ \Phi_{330}\ \Phi_{240}^2\ \Phi_{165}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
160661	1962	112	$\frac{3}{112}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{112}^{17}\ \Phi_{56}^{18}\ \Phi_{28}^{18}\ \Phi_{16}^{18}\ \Phi_{14}^{18}\ \Phi_8^{18}\ \Phi_7^{17}\ \Phi_4^{18}\ \Phi_2^{18}\ \Phi_1^{18}$
160662	1962	496	$\frac{1}{31}$	$\frac{15}{124}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{496}^7\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{31}\ \Phi_{16}^8\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
160663	1962	111	$\frac{2}{111}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{111}^{18}\ \Phi_{37}^{17}\ \Phi_3^{18}\ \Phi_1^{18}$
160664	1962	574	$\frac{1}{41}$	$\frac{40}{287}$	$\frac{1}{7}$	$\frac{247}{574}$	$\Phi_{574}^6\ \Phi_{287}\ \Phi_{82}^6\ \Phi_{14}^6\ \Phi_2^6$
160665	1962	370	$\frac{1}{37}$	$\frac{43}{370}$	$\frac{6}{37}$	$\frac{31}{74}$	$\Phi_{370}^6\ \Phi_{185}^6\ \Phi_{37}^5\ \Phi_{10}^6\ \Phi_5^6\ \Phi_1^6$
160666	1962	185	$\frac{1}{37}$	$\frac{4}{37}$	$\frac{33}{185}$	$\frac{76}{185}$	$\Phi_{185}^9\ \Phi_{37}^{17}\ \Phi_5^9\ \Phi_1^{18}$
160667	1962	815	$\frac{1}{163}$	$\frac{1}{5}$	$\frac{54}{163}$	$\frac{2}{5}$	$\Phi_{815}^2\ \Phi_{163}^4\ \Phi_5^3\ \Phi_1^6$
160668	1962	220	$\frac{1}{110}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{220}^{12}\ \Phi_{110}^6\ \Phi_{55}^6\ \Phi_{44}^{12}\ \Phi_{22}^6\ \Phi_{20}^{11}\ \Phi_{11}^6\ \Phi_{10}^5\ \Phi_5^6\ \Phi_4^{10}\ \Phi_2^4\ \Phi_1^6$
160669	1962	1961	$\frac{11}{1961}$	$\frac{437}{1961}$	$\frac{650}{1961}$	$\frac{762}{1961}$	$\Phi_{1961}\ \Phi_{53}\ \Phi_{37}\ \Phi_1^2$
160670	1962	3344	$\frac{1}{22}$	$\frac{1}{19}$	$\frac{21}{88}$	$\frac{67}{176}$	$\Phi_{3344}\ \Phi_{418}\ \Phi_{304}\ \Phi_{209}\ \Phi_{38}$
160671	1962	524	$\frac{1}{131}$	$\frac{65}{262}$	$\frac{1}{4}$	$\frac{197}{524}$	$\Phi_{524}^3\ \Phi_{262}^5\ \Phi_{131}^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
160672	1962	2090	$\frac{1}{110}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{2090}\ \Phi_{1045}\ \Phi_{418}\ \Phi_{209}\ \Phi_{190}\ \Phi_{95}\ \Phi_{38}$
160673	1962	111	$\frac{2}{111}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{111}^{18}\ \Phi_{37}^{17}\ \Phi_3^{18}\ \Phi_1^{18}$
160674	1962	1148	$\frac{1}{82}$	$\frac{1}{7}$	$\frac{27}{82}$	$\frac{55}{164}$	$\Phi_{1148}^3\ \Phi_{574}\ \Phi_{287}\ \Phi_{28}^3\ \Phi_{14}$
160675	1962	1961	$\frac{14}{1961}$	$\frac{435}{1961}$	$\frac{649}{1961}$	$\frac{656}{1961}$	$\Phi_{1961}\ \Phi_{53}\ \Phi_{37}\ \Phi_1^2$
160676	1962	2620	$\frac{4}{655}$	$\frac{1}{4}$	$\frac{217}{655}$	$\frac{219}{655}$	$\Phi_{2620}\ \Phi_{1310}\ \Phi_{524}\ \Phi_{262}\ \Phi_{20}\ \Phi_{10}$
160677	1962	1110	$\frac{2}{111}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1110}^2\ \Phi_{555}^2\ \Phi_{370}^2\ \Phi_{222}^2\ \Phi_{185}^2\ \Phi_{74}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
160678	1962	1956	$\frac{1}{163}$	$\frac{1}{4}$	$\frac{54}{163}$	$\frac{1}{3}$	$\Phi_{1956}^2\ \Phi_{978}^2\ \Phi_{12}^3\ \Phi_6^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160679	1962	2946	$\frac{7}{982}$	$\frac{219}{982}$	$\frac{325}{982}$	$\frac{1}{3}$	$\Phi_{2946}\ \Phi_{1473}\ \Phi_{6}$
160680	1962	810	$\frac{1}{54}$	$\frac{1}{10}$	$\frac{53}{162}$	$\frac{1}{3}$	$\Phi_{810}^{4}\ \Phi_{405}^{4}\ \Phi_{162}^{2}\ \Phi_{81}^{2}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
160681	1962	1887	$\frac{2}{111}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{1887}\ \Phi_{629}\ \Phi_{111}^{2}\ \Phi_{37}^{2}\ \Phi_{17}\ \Phi_{1}^{2}$
160682	1962	660	$\frac{1}{110}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{660}^{4}\ \Phi_{330}^{5}\ \Phi_{165}^{5}\ \Phi_{132}^{4}\ \Phi_{66}^{5}\ \Phi_{60}^{4}\ \Phi_{33}^{5}\ \Phi_{30}^{5}\ \Phi_{15}^{5}\ \Phi_{12}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{2}$
160683	1962	3108	$\frac{2}{111}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3108}\ \Phi_{1554}\ \Phi_{1036}\ \Phi_{518}\ \Phi_{28}\ \Phi_{14}$
160684	1962	1680	$\frac{3}{112}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1680}^{2}\ \Phi_{840}^{2}\ \Phi_{420}^{2}\ \Phi_{336}\ \Phi_{240}^{2}\ \Phi_{210}^{2}\ \Phi_{168}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{6}$
160685	1962	720	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{35}{144}$	$\frac{1}{3}$	$\Phi_{720}^{4}\ \Phi_{360}^{4}\ \Phi_{240}^{4}\ \Phi_{144}^{2}\ \Phi_{120}^{4}\ \Phi_{80}^{4}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{40}^{4}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{15}\ \Phi_{8}^{2}\ \Phi_{6}$
160686	1962	450	$\frac{7}{225}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{450}^{5}\ \Phi_{225}^{4}\ \Phi_{150}^{5}\ \Phi_{90}^{4}\ \Phi_{75}^{4}\ \Phi_{50}^{5}\ \Phi_{45}^{3}\ \Phi_{30}^{5}\ \Phi_{25}^{4}\ \Phi_{18}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
160687	1962	270	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{26}{135}$	$\frac{1}{3}$	$\Phi_{270}^{8}\ \Phi_{135}^{6}\ \Phi_{90}^{8}\ \Phi_{54}^{8}\ \Phi_{45}^{6}\ \Phi_{30}^{9}\ \Phi_{27}^{8}\ \Phi_{18}^{8}\ \Phi_{15}^{7}\ \Phi_{10}^{8}\ \Phi_{9}^{8}\ \Phi_{6}^{9}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
160688	1962	570	$\frac{5}{114}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{570}^{4}\ \Phi_{285}^{4}\ \Phi_{190}^{4}\ \Phi_{114}^{2}\ \Phi_{95}^{4}\ \Phi_{57}^{2}\ \Phi_{38}^{2}\ \Phi_{30}\ \Phi_{19}^{2}\ \Phi_{15}\ \Phi_{6}$
160689	1962	630	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{17}{126}$	$\frac{1}{3}$	$\Phi_{630}^{4}\ \Phi_{315}^{4}\ \Phi_{210}^{4}\ \Phi_{126}^{2}\ \Phi_{105}^{4}\ \Phi_{70}^{4}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{35}^{4}\ \Phi_{30}\ \Phi_{21}^{2}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}$
160690	1962	1170	$\frac{8}{117}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{1170}^{2}\ \Phi_{585}^{2}\ \Phi_{390}^{2}\ \Phi_{234}^{2}\ \Phi_{195}^{2}\ \Phi_{130}^{2}\ \Phi_{78}^{2}\ \Phi_{65}^{2}\ \Phi_{30}\ \Phi_{26}^{2}\ \Phi_{15}\ \Phi_{6}$
160691	1962	2430	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{25}{243}$	$\frac{1}{3}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{810}\ \Phi_{486}\ \Phi_{405}\ \Phi_{162}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
160692	1962	120	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{10}$	$\frac{1}{3}$	$\Phi_{120}^{18}\ \Phi_{60}^{14}\ \Phi_{40}^{18}\ \Phi_{30}^{15}\ \Phi_{24}^{18}\ \Phi_{20}^{14}\ \Phi_{15}^{15}\ \Phi_{12}^{16}\ \Phi_{10}^{14}\ \Phi_{8}^{18}\ \Phi_{6}^{17}\ \Phi_{5}^{14}\ \Phi_{4}^{16}\ \Phi_{3}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
160693	1962	1300	$\frac{4}{325}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{107}{325}$	$\Phi_{1300}^{2}\ \Phi_{650}^{2}\ \Phi_{260}^{2}\ \Phi_{130}^{2}\ \Phi_{100}^{2}\ \Phi_{52}^{2}\ \Phi_{50}^{2}\ \Phi_{26}^{2}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
160694	1962	2754	$\frac{1}{54}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{53}{162}$	$\Phi_{2754}\ \Phi_{1377}\ \Phi_{162}^{2}\ \Phi_{81}^{2}\ \Phi_{17}\ \Phi_{1}^{2}$
160695	1962	2268	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{53}{162}$	$\Phi_{2268}^{2}\ \Phi_{1134}\ \Phi_{567}\ \Phi_{28}\ \Phi_{14}$
160696	1962	159	$\frac{2}{53}$	$\frac{3}{53}$	$\frac{50}{159}$	$\frac{17}{53}$	$\Phi_{159}^{18}\ \Phi_{53}\ \Phi_{3}^{18}\ \Phi_{1}^{2}$
160697	1962	424	$\frac{2}{53}$	$\frac{9}{106}$	$\frac{97}{424}$	$\frac{17}{53}$	$\Phi_{424}^{6}\ \Phi_{212}^{6}\ \Phi_{53}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
160698	1962	371	$\frac{2}{53}$	$\frac{44}{371}$	$\frac{9}{53}$	$\frac{17}{53}$	$\Phi_{371}^{6}\ \Phi_{53}\ \Phi_{7}^{6}\ \Phi_{1}^{2}$
160699	1962	1120	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{51}{160}$	$\Phi_{1120}^{2}\ \Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{224}^{2}\ \Phi_{140}^{2}\ \Phi_{112}^{2}\ \Phi_{70}^{2}\ \Phi_{56}^{3}\ \Phi_{35}^{2}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
160700	1962	159	$\frac{3}{53}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{50}{159}$	$\Phi_{159}^{18}\ \Phi_{53}\ \Phi_{3}^{18}\ \Phi_{1}^{2}$
160701	1962	2508	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{23}{132}$	$\frac{10}{33}$	$\Phi_{2508}\ \Phi_{1254}\ \Phi_{836}\ \Phi_{418}\ \Phi_{228}\ \Phi_{209}\ \Phi_{114}\ \Phi_{76}\ \Phi_{38}$
160702	1962	1904	$\frac{3}{112}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{1904}\ \Phi_{952}\ \Phi_{476}\ \Phi_{272}\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{112}^{2}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
160703	1962	2448	$\frac{1}{36}$	$\frac{2}{17}$	$\frac{35}{144}$	$\frac{5}{17}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{144}^{2}\ \Phi_{136}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{17}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
160704	1962	2295	$\frac{1}{27}$	$\frac{2}{17}$	$\frac{26}{135}$	$\frac{5}{17}$	$\Phi_{2295}\ \Phi_{765}\ \Phi_{255}\ \Phi_{135}^{2}\ \Phi_{85}\ \Phi_{45}^{2}\ \Phi_{17}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
160705	1962	1938	$\frac{5}{114}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{1938}\ \Phi_{969}\ \Phi_{646}\ \Phi_{323}\ \Phi_{114}^{2}\ \Phi_{57}^{2}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{17}\ \Phi_{1}^{2}$
160706	1962	2142	$\frac{1}{18}$	$\frac{2}{17}$	$\frac{17}{126}$	$\frac{5}{17}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{126}^{2}\ \Phi_{119}\ \Phi_{63}^{2}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{17}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
160707	1962	1989	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{1989}\ \Phi_{663}\ \Phi_{221}\ \Phi_{117}^{2}\ \Phi_{39}^{2}\ \Phi_{17}\ \Phi_{13}^{2}\ \Phi_{1}^{2}$
160708	1962	2040	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{170}\ \Phi_{136}\ \Phi_{120}^{2}\ \Phi_{85}\ \Phi_{60}^{2}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{17}\ \Phi_{15}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
160709	1962	2850	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{150}$	$\Phi_{2850}\ \Phi_{1425}\ \Phi_{570}\ \Phi_{285}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{57}\ \Phi_{38}$
160710	1962	111	$\frac{2}{111}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{111}^{18}\ \Phi_{37}^{17}\ \Phi_{3}^{18}\ \Phi_{1}^{18}$
160711	1962	2280	$\frac{1}{19}$	$\frac{11}{120}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{456}\ \Phi_{380}\ \Phi_{228}\ \Phi_{190}\ \Phi_{152}\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160712	1962	148	$\frac{1}{37}$	$\frac{6}{37}$	$\frac{31}{148}$	$\frac{39}{148}$	$\Phi_{148}^{12}\ \Phi_{74}^{12}\ \Phi_{37}^{17}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{18}$
160713	1962	112	$\frac{3}{112}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{112}^{18}\ \Phi_{56}^{18}\ \Phi_{28}^{16}\ \Phi_{16}^{18}\ \Phi_{14}^{16}\ \Phi_{8}^{18}\ \Phi_{7}^{15}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
160714	1962	124	$\frac{1}{31}$	$\frac{15}{124}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{124}^{16}\ \Phi_{62}^{16}\ \Phi_{31}^{15}\ \Phi_{4}^{18}\ \Phi_{2}^{18}\ \Phi_{1}^{18}$
160715	1962	1008	$\frac{1}{36}$	$\frac{1}{7}$	$\frac{35}{144}$	$\frac{1}{4}$	$\Phi_{1008}^{3}\ \Phi_{504}^{3}\ \Phi_{336}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{3}\ \Phi_{56}^{3}\ \Phi_{28}\ \Phi_{14}$
160716	1962	260	$\frac{2}{65}$	$\frac{21}{130}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{260}^{10}\ \Phi_{130}^{4}\ \Phi_{65}^{6}\ \Phi_{52}^{10}\ \Phi_{26}^{4}\ \Phi_{20}^{11}\ \Phi_{13}^{6}\ \Phi_{10}^{5}\ \Phi_{5}^{6}\ \Phi_{4}^{10}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
160717	1962	900	$\frac{7}{225}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{900}^{3}\ \Phi_{450}^{3}\ \Phi_{300}^{3}\ \Phi_{180}^{3}\ \Phi_{150}^{3}\ \Phi_{100}^{2}\ \Phi_{90}^{3}\ \Phi_{60}^{3}\ \Phi_{50}^{2}\ \Phi_{36}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
160718	1962	2860	$\frac{4}{65}$	$\frac{61}{715}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2860}\ \Phi_{1430}\ \Phi_{572}\ \Phi_{286}\ \Phi_{220}\ \Phi_{110}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{10}$
160719	1962	700	$\frac{23}{350}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{700}^{4}\ \Phi_{350}^{2}\ \Phi_{175}^{2}\ \Phi_{140}^{4}\ \Phi_{100}^{2}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{4}\ \Phi_{25}^{2}\ \Phi_{20}^{3}\ \Phi_{14}^{2}\ \Phi_{10}\ \Phi_{7}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
160720	1962	3780	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{26}{135}$	$\frac{1}{4}$	$\Phi_{3780}\ \Phi_{1890}\ \Phi_{1260}\ \Phi_{630}\ \Phi_{420}\ \Phi_{210}\ \Phi_{140}\ \Phi_{70}\ \Phi_{28}\ \Phi_{14}$
160721	1962	524	$\frac{5}{131}$	$\frac{21}{131}$	$\frac{22}{131}$	$\frac{1}{4}$	$\Phi_{524}^{5}\ \Phi_{262}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
160722	1962	1596	$\frac{5}{114}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1596}^{2}\ \Phi_{798}\ \Phi_{532}^{2}\ \Phi_{399}\ \Phi_{266}\ \Phi_{133}\ \Phi_{28}\ \Phi_{14}$
160723	1962	252	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{252}^{10}\ \Phi_{126}^{5}\ \Phi_{84}^{10}\ \Phi_{63}^{5}\ \Phi_{42}^{5}\ \Phi_{36}^{12}\ \Phi_{28}^{11}\ \Phi_{21}^{5}\ \Phi_{18}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{12}\ \Phi_{9}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{4}^{12}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
160724	1962	3276	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{3276}\ \Phi_{1638}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{182}\ \Phi_{28}\ \Phi_{14}$
160725	1962	840	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{280}^{3}\ \Phi_{210}^{3}\ \Phi_{168}^{3}\ \Phi_{140}^{3}\ \Phi_{105}^{3}\ \Phi_{70}^{3}\ \Phi_{56}^{3}\ \Phi_{35}^{3}\ \Phi_{28}\ \Phi_{14}$
160726	1962	424	$\frac{9}{106}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{97}{424}$	$\Phi_{424}^{6}\ \Phi_{212}^{6}\ \Phi_{53}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{1}^{2}$
160727	1962	2660	$\frac{1}{19}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{140}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{532}\ \Phi_{380}\ \Phi_{266}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}\ \Phi_{38}$
160728	1962	2464	$\frac{25}{352}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{32}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{77}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
160729	1962	2800	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{73}{400}$	$\Phi_{2800}\ \Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
160730	1962	840	$\frac{11}{120}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{40}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{280}^{2}\ \Phi_{210}^{3}\ \Phi_{168}^{3}\ \Phi_{140}^{2}\ \Phi_{105}^{3}\ \Phi_{84}^{3}\ \Phi_{70}^{2}\ \Phi_{56}^{3}\ \Phi_{42}^{3}\ \Phi_{35}^{2}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
160731	1962	371	$\frac{5}{53}$	$\frac{44}{371}$	$\frac{8}{53}$	$\frac{9}{53}$	$\Phi_{371}^{6}\ \Phi_{53}\ \Phi_{7}^{6}\ \Phi_{1}^{2}$
160732	1962	896	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{19}{128}$	$\Phi_{896}^{3}\ \Phi_{448}^{2}\ \Phi_{224}^{2}\ \Phi_{112}^{2}\ \Phi_{56}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
160733	1963	3912	$\frac{7}{1956}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1949}{3912}$	$\Phi_{3912}\ \Phi_{1304}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
160734	1963	3488	$\frac{1}{218}$	$\frac{219}{1744}$	$\frac{1525}{3488}$	$\frac{217}{436}$	$\Phi_{3488}\ \Phi_{436}\ \Phi_{32}\ \Phi_{4}\ \Phi_{1}$
160735	1963	2616	$\frac{1}{218}$	$\frac{653}{2616}$	$\frac{219}{872}$	$\frac{217}{436}$	$\Phi_{2616}\ \Phi_{1308}\ \Phi_{654}\ \Phi_{436}\ \Phi_{327}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
160736	1963	2358	$\frac{2}{393}$	$\frac{395}{2358}$	$\frac{1}{3}$	$\frac{391}{786}$	$\Phi_{2358}\ \Phi_{1179}\ \Phi_{393}\ \Phi_{131}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
160737	1963	600	$\frac{1}{150}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{149}{300}$	$\Phi_{600}^{6}\ \Phi_{300}\ \Phi_{200}^{6}\ \Phi_{120}^{6}\ \Phi_{100}\ \Phi_{60}\ \Phi_{40}^{6}\ \Phi_{24}^{7}\ \Phi_{20}\ \Phi_{12}\ \Phi_{8}^{7}\ \Phi_{4}\ \Phi_{1}$
160738	1963	300	$\frac{1}{150}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{149}{300}$	$\Phi_{300}^{13}\ \Phi_{100}^{13}\ \Phi_{60}^{13}\ \Phi_{20}^{13}\ \Phi_{15}\ \Phi_{12}^{13}\ \Phi_{5}\ \Phi_{4}^{13}\ \Phi_{1}$
160739	1963	900	$\frac{1}{150}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{149}{300}$	$\Phi_{900}^{6}\ \Phi_{300}\ \Phi_{180}^{6}\ \Phi_{100}\ \Phi_{60}\ \Phi_{36}^{6}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
160740	1963	1200	$\frac{1}{150}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{149}{300}$	$\Phi_{1200}^{2}\ \Phi_{600}^{2}\ \Phi_{400}^{2}\ \Phi_{300}\ \Phi_{240}^{2}\ \Phi_{200}^{2}\ \Phi_{120}^{2}\ \Phi_{100}\ \Phi_{80}^{2}\ \Phi_{60}\ \Phi_{48}^{2}\ \Phi_{40}^{2}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{16}^{3}\ \Phi_{12}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
160741	1963	3888	$\frac{19}{1944}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{1925}{3888}$	$\Phi_{3888}\ \Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
160742	1963	3888	$\frac{19}{1944}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1925}{3888}$	$\Phi_{3888}\ \Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
160743	1963	3888	$\frac{19}{1944}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1925}{3888}$	$\Phi_{3888}\ \Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
160744	1963	2628	$\frac{8}{657}$	$\frac{1}{9}$	$\frac{665}{2628}$	$\frac{649}{1314}$	$\Phi_{2628}\ \Phi_{876}\ \Phi_{657}\ \Phi_{292}\ \Phi_{219}\ \Phi_{73}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
160745	1963	2072	$\frac{3}{148}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{145}{296}$	$\Phi_{2072}^{2}\ \Phi_{296}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
160746	1963	3840	$\frac{43}{1920}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1877}{3840}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{256}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
160747	1963	3780	$\frac{73}{1890}$	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{1817}{3780}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{108}\ \Phi_{90}\ \Phi_{84}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160748	1963	2376	$\frac{17}{396}$	$\frac{1}{18}$	$\frac{413}{2376}$	$\frac{379}{792}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{216}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{66}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
160749	1963	2016	$\frac{7}{144}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{137}{288}$	$\Phi_{2016}^2\ \Phi_{672}^2\ \Phi_{288}\ \Phi_{224}^2\ \Phi_{96}\ \Phi_{56}^2\ \Phi_{32}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
160750	1963	2916	$\frac{19}{972}$	$\frac{1}{18}$	$\frac{953}{2916}$	$\frac{17}{36}$	$\Phi_{2916}\ \Phi_{1458}\ \Phi_{729}\ \Phi_{36}\ \Phi_{12}\ \Phi_4\ \Phi_1$
160751	1963	2016	$\frac{53}{2016}$	$\frac{1}{18}$	$\frac{19}{72}$	$\frac{17}{36}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
160752	1963	2592	$\frac{19}{648}$	$\frac{1}{18}$	$\frac{629}{2592}$	$\frac{17}{36}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_4\ \Phi_1$
160753	1963	2052	$\frac{89}{2052}$	$\frac{1}{18}$	$\frac{19}{108}$	$\frac{17}{36}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{513}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{12}\ \Phi_4\ \Phi_1$
160754	1963	2268	$\frac{1}{18}$	$\frac{19}{324}$	$\frac{305}{2268}$	$\frac{17}{36}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
160755	1963	2160	$\frac{1}{18}$	$\frac{19}{216}$	$\frac{197}{2160}$	$\frac{17}{36}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
160756	1963	1224	$\frac{2}{153}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{1224}^3\ \Phi_{408}^3\ \Phi_{153}\ \Phi_{136}^3\ \Phi_{72}^3\ \Phi_{51}\ \Phi_{24}\ \Phi_{17}\ \Phi_9\ \Phi_8\ \Phi_1$
160757	1963	1800	$\frac{1}{75}$	$\frac{1}{12}$	$\frac{74}{225}$	$\frac{11}{24}$	$\Phi_{1800}^3\ \Phi_{360}^3\ \Phi_{225}\ \Phi_{72}^3\ \Phi_{45}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
160758	1963	600	$\frac{1}{50}$	$\frac{1}{12}$	$\frac{49}{200}$	$\frac{11}{24}$	$\Phi_{600}^2\ \Phi_{300}^4\ \Phi_{200}^3\ \Phi_{150}^4\ \Phi_{120}^2\ \Phi_{100}^5\ \Phi_{75}^4\ \Phi_{60}^4\ \Phi_{50}^4\ \Phi_{40}^3\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{24}^3\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
160759	1963	3720	$\frac{4}{155}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{3720}\ \Phi_{1240}\ \Phi_{744}\ \Phi_{248}\ \Phi_{155}\ \Phi_{31}\ \Phi_{24}\ \Phi_8\ \Phi_1$
160760	1963	312	$\frac{5}{156}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{312}^{12}\ \Phi_{156}\ \Phi_{104}^{12}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}^7\ \Phi_{13}\ \Phi_{12}\ \Phi_8^7\ \Phi_4\ \Phi_1$
160761	1963	360	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{29}{180}$	$\frac{11}{24}$	$\Phi_{360}^{12}\ \Phi_{180}\ \Phi_{120}^6\ \Phi_{90}\ \Phi_{72}^{12}\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}^6\ \Phi_{36}\ \Phi_{24}^7\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8^7\ \Phi_4\ \Phi_1$
160762	1963	4200	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{24}{175}$	$\frac{11}{24}$	$\Phi_{4200}\ \Phi_{1400}\ \Phi_{840}\ \Phi_{280}\ \Phi_{175}\ \Phi_{168}\ \Phi_{56}\ \Phi_{35}\ \Phi_{24}\ \Phi_8\ \Phi_7\ \Phi_1$
160763	1963	480	$\frac{9}{160}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{24}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^5\ \Phi_{120}^2\ \Phi_{96}^4\ \Phi_{80}^5\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^3\ \Phi_{32}^5\ \Phi_{30}^4\ \Phi_{24}^3\ \Phi_{20}^5\ \Phi_{16}^5\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_5^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
160764	1963	1320	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{14}{165}$	$\frac{11}{24}$	$\Phi_{1320}^3\ \Phi_{440}^3\ \Phi_{264}^3\ \Phi_{165}\ \Phi_{88}^3\ \Phi_{55}\ \Phi_{33}\ \Phi_{24}\ \Phi_{11}\ \Phi_8\ \Phi_1$
160765	1963	3600	$\frac{1}{18}$	$\frac{163}{1800}$	$\frac{17}{180}$	$\frac{1637}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
160766	1963	2160	$\frac{1}{18}$	$\frac{197}{2160}$	$\frac{17}{180}$	$\frac{163}{360}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{54}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
160767	1963	3564	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{181}{1782}$	$\frac{1601}{3564}$	$\Phi_{3564}\ \Phi_{1188}\ \Phi_{396}\ \Phi_{324}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
160768	1963	2016	$\frac{53}{2016}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{96}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
160769	1963	1120	$\frac{9}{160}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{280}^2\ \Phi_{224}^2\ \Phi_{160}\ \Phi_{140}^2\ \Phi_{80}\ \Phi_{70}^2\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{35}^2\ \Phi_{32}\ \Phi_{28}^2\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}\ \Phi_8\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
160770	1963	1980	$\frac{17}{1980}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}\ \Phi_{198}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}\ \Phi_{99}\ \Phi_{90}\ \Phi_{66}\ \Phi_{60}\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_5\ \Phi_4\ \Phi_1$
160771	1963	266	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{18}{133}$	$\frac{115}{266}$	$\Phi_{266}^7\ \Phi_{133}^8\ \Phi_{38}^7\ \Phi_{19}^7\ \Phi_{14}^6\ \Phi_7^7\ \Phi_2^6\ \Phi_1^7$
160772	1963	3444	$\frac{5}{246}$	$\frac{241}{1722}$	$\frac{1}{6}$	$\frac{1481}{3444}$	$\Phi_{3444}\ \Phi_{1148}\ \Phi_{492}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{84}\ \Phi_{82}\ \Phi_{41}\ \Phi_{28}\ \Phi_{12}\ \Phi_4\ \Phi_1$
160773	1963	3168	$\frac{17}{396}$	$\frac{1}{18}$	$\frac{379}{1584}$	$\frac{1205}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{396}\ \Phi_{352}\ \Phi_{288}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{96}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
160774	1963	3144	$\frac{2}{393}$	$\frac{391}{1572}$	$\frac{1}{3}$	$\frac{1181}{3144}$	$\Phi_{3144}\ \Phi_{1048}\ \Phi_{393}\ \Phi_{131}\ \Phi_{24}\ \Phi_8\ \Phi_1$
160775	1963	1998	$\frac{35}{1998}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{1998}\ \Phi_{999}\ \Phi_{666}\ \Phi_{333}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{27}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160776	1963	1596	$\frac{1}{38}$	$\frac{1}{14}$	$\frac{37}{114}$	$\frac{77}{228}$	$\Phi_{1596}^2\ \Phi_{532}^2\ \Phi_{266}^2\ \Phi_{228}\ \Phi_{133}^2\ \Phi_{84}^2\ \Phi_{76}\ \Phi_{38}\ \Phi_{28}^2\ \Phi_{19}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
160777	1963	2952	$\frac{5}{492}$	$\frac{1}{6}$	$\frac{487}{1476}$	$\frac{989}{2952}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{492}\ \Phi_{328}\ \Phi_{246}\ \Phi_{164}\ \Phi_{123}\ \Phi_{82}\ \Phi_{72}\ \Phi_{41}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
160778	1963	765	$\frac{2}{153}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{765}^3\ \Phi_{255}^3\ \Phi_{153}\ \Phi_{85}^3\ \Phi_{51}\ \Phi_{45}^3\ \Phi_{17}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
160779	1963	225	$\frac{1}{75}$	$\frac{2}{15}$	$\frac{74}{225}$	$\frac{1}{3}$	$\Phi_{225}^{13}\ \Phi_{45}^{13}\ \Phi_{15}\ \Phi_9^{13}\ \Phi_5\ \Phi_1$
160780	1963	306	$\frac{2}{153}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{306}^6\ \Phi_{153}^7\ \Phi_{102}^6\ \Phi_{51}^7\ \Phi_{34}^6\ \Phi_{18}^4\ \Phi_{17}^7\ \Phi_9^5\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
160781	1963	2448	$\frac{2}{153}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{153}\ \Phi_{144}\ \Phi_{136}\ \Phi_{72}\ \Phi_{51}\ \Phi_{17}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
160782	1963	600	$\frac{1}{50}$	$\frac{2}{15}$	$\frac{49}{200}$	$\frac{1}{3}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{200}^5\ \Phi_{120}^4\ \Phi_{100}^5\ \Phi_{60}^4\ \Phi_{40}^5\ \Phi_{24}^4\ \Phi_{20}^5\ \Phi_{15}\ \Phi_{12}^4\ \Phi_8^5\ \Phi_5\ \Phi_4^5\ \Phi_1$
160783	1963	465	$\frac{4}{155}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{465}^4\ \Phi_{155}^5\ \Phi_{93}^4\ \Phi_{31}^5\ \Phi_{15}\ \Phi_5\ \Phi_1$
160784	1963	2025	$\frac{62}{2025}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{405}\ \Phi_{225}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{27}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_1$
160785	1963	780	$\frac{5}{156}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{260}^3\ \Phi_{195}^3\ \Phi_{156}\ \Phi_{130}^3\ \Phi_{78}\ \Phi_{65}^3\ \Phi_{60}^3\ \Phi_{52}\ \Phi_{39}\ \Phi_{26}\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{13}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
160786	1963	180	$\frac{1}{30}$	$\frac{2}{15}$	$\frac{29}{180}$	$\frac{1}{3}$	$\Phi_{180}^{13}\ \Phi_{90}^{13}\ \Phi_{60}^{13}\ \Phi_{45}^{13}\ \Phi_{36}^{13}\ \Phi_{20}^{13}\ \Phi_{18}^{13}\ \Phi_{15}\ \Phi_{12}^{13}\ \Phi_9^{13}\ \Phi_5\ \Phi_4^{13}\ \Phi_1$
160787	1963	525	$\frac{1}{25}$	$\frac{2}{15}$	$\frac{24}{175}$	$\frac{1}{3}$	$\Phi_{525}^4\ \Phi_{175}^5\ \Phi_{105}^4\ \Phi_{35}^5\ \Phi_{21}^4\ \Phi_{15}\ \Phi_7^5\ \Phi_5\ \Phi_1$
160788	1963	480	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{480}^4\ \Phi_{240}^4\ \Phi_{160}^5\ \Phi_{120}^4\ \Phi_{96}^4\ \Phi_{80}^5\ \Phi_{60}^4\ \Phi_{48}^4\ \Phi_{40}^5\ \Phi_{32}^5\ \Phi_{24}^4\ \Phi_{20}^5\ \Phi_{16}^5\ \Phi_{15}\ \Phi_{12}^4\ \Phi_8^5\ \Phi_5\ \Phi_4^5\ \Phi_1$
160789	1963	2100	$\frac{137}{2100}$	$\frac{13}{150}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{210}\ \Phi_{175}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
160790	1963	165	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{165}^{13}\ \Phi_{55}^{13}\ \Phi_{33}^{13}\ \Phi_{15}\ \Phi_{11}^{13}\ \Phi_5\ \Phi_1$
160791	1963	450	$\frac{1}{75}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{74}{225}$	$\Phi_{450}^3\ \Phi_{225}^4\ \Phi_{150}^6\ \Phi_{90}^3\ \Phi_{75}^6\ \Phi_{50}^6\ \Phi_{45}^4\ \Phi_{30}^6\ \Phi_{25}^6\ \Phi_{18}^4\ \Phi_{15}^6\ \Phi_{10}^6\ \Phi_9^5\ \Phi_6^6\ \Phi_5^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
160792	1963	3600	$\frac{1}{75}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{74}{225}$	$\Phi_{3600}\ \Phi_{1800}\ \Phi_{720}\ \Phi_{360}\ \Phi_{225}\ \Phi_{144}\ \Phi_{72}\ \Phi_{45}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
160793	1963	2916	$\frac{19}{972}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{953}{2916}$	$\Phi_{2916}\ \Phi_{1458}\ \Phi_{729}\ \Phi_{27}\ \Phi_1$
160794	1963	2880	$\frac{43}{960}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{917}{2880}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{576}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
160795	1963	2376	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{413}{2376}$	$\frac{181}{594}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{216}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
160796	1963	1512	$\frac{1}{14}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{216}$	$\Phi_{1512}^2\ \Phi_{756}^2\ \Phi_{378}^2\ \Phi_{216}\ \Phi_{189}^2\ \Phi_{108}\ \Phi_{56}^2\ \Phi_{54}\ \Phi_{28}^2\ \Phi_{27}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
160797	1963	2592	$\frac{19}{648}$	$\frac{1}{9}$	$\frac{629}{2592}$	$\frac{8}{27}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
160798	1963	2025	$\frac{62}{2025}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{405}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_1$
160799	1963	2430	$\frac{19}{486}$	$\frac{1}{9}$	$\frac{467}{2430}$	$\frac{8}{27}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
160800	1963	2052	$\frac{89}{2052}$	$\frac{1}{9}$	$\frac{19}{108}$	$\frac{8}{27}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{513}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{27}\ \Phi_{19}\ \Phi_1$
160801	1963	2268	$\frac{19}{324}$	$\frac{1}{9}$	$\frac{305}{2268}$	$\frac{8}{27}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_7\ \Phi_1$
160802	1963	162	$\frac{11}{162}$	$\frac{1}{9}$	$\frac{19}{162}$	$\frac{8}{27}$	$\Phi_{162}^{12}\ \Phi_{81}^{12}\ \Phi_{54}^{12}\ \Phi_{27}^{13}\ \Phi_{18}^{12}\ \Phi_9^{12}\ \Phi_6^{12}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
160803	1963	2187	$\frac{19}{243}$	$\frac{224}{2187}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{2187}\ \Phi_{729}\ \Phi_{27}\ \Phi_1$
160804	1963	2160	$\frac{19}{216}$	$\frac{197}{2160}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$
160805	1963	168	$\frac{1}{14}$	$\frac{17}{168}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{168}^{11}\ \Phi_{84}^{11}\ \Phi_{56}^{13}\ \Phi_{42}^{11}\ \Phi_{28}^{13}\ \Phi_{24}^{12}\ \Phi_{21}^{11}\ \Phi_{14}^{12}\ \Phi_{12}^{12}\ \Phi_8^{13}\ \Phi_7^{12}\ \Phi_6^{12}\ \Phi_4^{13}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160806	1963	1800	$\frac{1}{50}$	$\frac{1}{6}$	$\frac{49}{200}$	$\frac{5}{18}$	$\Phi_{1800}^2\ \Phi_{900}^2\ \Phi_{360}^2\ \Phi_{200}\ \Phi_{180}^2\ \Phi_{100}\ \Phi_{72}^2\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
160807	1963	2790	$\frac{4}{155}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{2790}\ \Phi_{1395}\ \Phi_{558}\ \Phi_{279}\ \Phi_{155}\ \Phi_{31}\ \Phi_{18}\ \Phi_9\ \Phi_1$
160808	1963	468	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{468}^6\ \Phi_{234}^6\ \Phi_{156}\ \Phi_{117}^6\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{36}^6\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
160809	1963	180	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{180}^{13}\ \Phi_{90}^7\ \Phi_{60}^{13}\ \Phi_{45}^7\ \Phi_{36}^{13}\ \Phi_{30}^{12}\ \Phi_{20}^{13}\ \Phi_{18}^8\ \Phi_{15}^{12}\ \Phi_{12}^{13}\ \Phi_{10}^{12}\ \Phi_9^8\ \Phi_6^{12}\ \Phi_5^{12}\ \Phi_4^{13}\ \Phi_3^{12}\ \Phi_2^{12}\ \Phi_1^{13}$
160810	1963	3150	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{3150}\ \Phi_{1575}\ \Phi_{630}\ \Phi_{315}\ \Phi_{175}\ \Phi_{126}\ \Phi_{63}\ \Phi_{35}\ \Phi_{18}\ \Phi_9\ \Phi_7\ \Phi_1$
160811	1963	1440	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1440}^2\ \Phi_{720}^2\ \Phi_{360}^2\ \Phi_{288}^2\ \Phi_{180}^2\ \Phi_{160}\ \Phi_{144}^2\ \Phi_{80}\ \Phi_{72}^2\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{32}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
160812	1963	990	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{990}^3\ \Phi_{495}^3\ \Phi_{198}^3\ \Phi_{165}\ \Phi_{99}^3\ \Phi_{55}\ \Phi_{33}\ \Phi_{18}\ \Phi_{11}\ \Phi_9\ \Phi_1$
160813	1963	2700	$\frac{1}{18}$	$\frac{17}{180}$	$\frac{163}{900}$	$\frac{737}{2700}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
160814	1963	2160	$\frac{1}{18}$	$\frac{197}{2160}$	$\frac{17}{90}$	$\frac{73}{270}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
160815	1963	2016	$\frac{53}{2016}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{72}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
160816	1963	400	$\frac{1}{50}$	$\frac{3}{16}$	$\frac{49}{200}$	$\frac{1}{4}$	$\Phi_{400}^6\ \Phi_{200}^3\ \Phi_{100}^5\ \Phi_{80}^6\ \Phi_{50}^4\ \Phi_{40}^3\ \Phi_{25}^4\ \Phi_{20}^5\ \Phi_{16}^7\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
160817	1963	2480	$\frac{4}{155}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2480}\ \Phi_{1240}\ \Phi_{496}\ \Phi_{248}\ \Phi_{155}\ \Phi_{31}\ \Phi_{16}\ \Phi_8\ \Phi_1$
160818	1963	624	$\frac{5}{156}$	$\frac{1}{6}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{624}^4\ \Phi_{312}^4\ \Phi_{208}^4\ \Phi_{156}\ \Phi_{104}^4\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{26}\ \Phi_{24}^2\ \Phi_{16}^3\ \Phi_{13}\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
160819	1963	720	$\frac{1}{30}$	$\frac{29}{180}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{720}^4\ \Phi_{360}^4\ \Phi_{240}^2\ \Phi_{180}\ \Phi_{144}^4\ \Phi_{120}^2\ \Phi_{90}\ \Phi_{80}^2\ \Phi_{72}^4\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_9\ \Phi_8^3\ \Phi_4\ \Phi_1$
160820	1963	2800	$\frac{1}{25}$	$\frac{24}{175}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2800}\ \Phi_{1400}\ \Phi_{560}\ \Phi_{280}\ \Phi_{175}\ \Phi_{112}\ \Phi_{56}\ \Phi_{35}\ \Phi_{16}\ \Phi_8\ \Phi_7\ \Phi_1$
160821	1963	160	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{160}^{13}\ \Phi_{80}^{11}\ \Phi_{40}^{11}\ \Phi_{32}^{13}\ \Phi_{20}^{13}\ \Phi_{16}^{12}\ \Phi_{10}^{12}\ \Phi_8^{12}\ \Phi_5^{12}\ \Phi_4^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
160822	1963	2640	$\frac{1}{15}$	$\frac{14}{165}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{880}\ \Phi_{528}\ \Phi_{440}\ \Phi_{264}\ \Phi_{176}\ \Phi_{165}\ \Phi_{88}\ \Phi_{55}\ \Phi_{33}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
160823	1963	2592	$\frac{19}{648}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{629}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
160824	1963	2112	$\frac{149}{2112}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{192}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
160825	1963	2520	$\frac{1}{18}$	$\frac{73}{630}$	$\frac{17}{90}$	$\frac{557}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{90}\ \Phi_{84}\ \Phi_{72}\ \Phi_{60}\ \Phi_{56}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
160826	1963	1344	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{192}$	$\Phi_{1344}^2\ \Phi_{672}^2\ \Phi_{448}^2\ \Phi_{224}^2\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{56}^2\ \Phi_{32}\ \Phi_{28}^2\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
160827	1963	2160	$\frac{19}{216}$	$\frac{197}{2160}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
160828	1963	2400	$\frac{43}{480}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{437}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{48}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
160829	1963	2160	$\frac{197}{2160}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{240}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{45}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
160830	1963	2304	$\frac{5}{48}$	$\frac{43}{384}$	$\frac{341}{2304}$	$\frac{1}{6}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
160831	1964	2940	$\frac{1}{490}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{489}{980}$	$\Phi_{2940}\ \Phi_{980}^2\ \Phi_{588}\ \Phi_{420}\ \Phi_{196}^2\ \Phi_{140}^2\ \Phi_{84}\ \Phi_{60}\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
160832	1964	4890	$\frac{2}{489}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{487}{978}$	$\Phi_{4890}\ \Phi_{1630}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160833	1964	3280	$\frac{1}{164}$	$\frac{1}{5}$	$\frac{165}{656}$	$\frac{163}{328}$	$\Phi_{3280}\ \Phi_{820}\ \Phi_{410}\ \Phi_{205}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
160834	1964	4880	$\frac{3}{488}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{485}{976}$	$\Phi_{4880}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
160835	1964	906	$\frac{1}{151}$	$\frac{38}{453}$	$\frac{415}{906}$	$\frac{75}{151}$	$\Phi_{906}^4\ \Phi_{302}^4\ \Phi_{151}\ \Phi_{6}^4\ \Phi_{2}^4\ \Phi_{1}^2$
160836	1964	1359	$\frac{1}{151}$	$\frac{76}{453}$	$\frac{377}{1359}$	$\frac{75}{151}$	$\Phi_{1359}^2\ \Phi_{151}\ \Phi_{9}^2\ \Phi_{1}^2$
160837	1964	604	$\frac{1}{151}$	$\frac{113}{604}$	$\frac{38}{151}$	$\frac{75}{151}$	$\Phi_{604}^4\ \Phi_{302}^4\ \Phi_{151}\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^2$
160838	1964	975	$\frac{7}{975}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{484}{975}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{195}^2\ \Phi_{75}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{13}^3\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
160839	1964	4860	$\frac{5}{486}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{481}{972}$	$\Phi_{4860}\ \Phi_{1620}\ \Phi_{540}\ \Phi_{180}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
160840	1964	962	$\frac{10}{481}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{471}{962}$	$\Phi_{962}^4\ \Phi_{74}^4\ \Phi_{26}^4\ \Phi_{13}^3\ \Phi_{2}^4\ \Phi_{1}^4$
160841	1964	960	$\frac{11}{480}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{469}{960}$	$\Phi_{960}^4\ \Phi_{320}^4\ \Phi_{192}^4\ \Phi_{64}^4\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
160842	1964	936	$\frac{23}{468}$	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{445}{936}$	$\Phi_{936}^4\ \Phi_{312}^4\ \Phi_{104}^4\ \Phi_{72}^4\ \Phi_{26}^4\ \Phi_{24}^4\ \Phi_{13}^3\ \Phi_{8}^4\ \Phi_{2}^4\ \Phi_{1}^4$
160843	1964	650	$\frac{7}{325}$	$\frac{1}{13}$	$\frac{159}{650}$	$\frac{6}{13}$	$\Phi_{650}^4\ \Phi_{325}^2\ \Phi_{130}^4\ \Phi_{65}^2\ \Phi_{50}^4\ \Phi_{26}^4\ \Phi_{25}^2\ \Phi_{13}^3\ \Phi_{10}^4\ \Phi_{5}^2\ \Phi_{2}^4\ \Phi_{1}^4$
160844	1964	507	$\frac{16}{507}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{507}^4\ \Phi_{169}^4\ \Phi_{39}^2\ \Phi_{13}^3\ \Phi_{3}^2\ \Phi_{1}^4$
160845	1964	585	$\frac{7}{195}$	$\frac{1}{13}$	$\frac{94}{585}$	$\frac{6}{13}$	$\Phi_{585}^4\ \Phi_{195}^2\ \Phi_{117}^4\ \Phi_{65}^2\ \Phi_{45}^4\ \Phi_{39}^2\ \Phi_{15}^2\ \Phi_{13}^3\ \Phi_{9}^4\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^4$
160846	1964	520	$\frac{29}{520}$	$\frac{1}{13}$	$\frac{7}{65}$	$\frac{6}{13}$	$\Phi_{520}^4\ \Phi_{260}^4\ \Phi_{130}^4\ \Phi_{104}^4\ \Phi_{65}^2\ \Phi_{52}^4\ \Phi_{40}^4\ \Phi_{26}^4\ \Phi_{20}^4\ \Phi_{13}^3\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{5}^2\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^4$
160847	1964	2520	$\frac{13}{504}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
160848	1964	906	$\frac{3}{151}$	$\frac{38}{453}$	$\frac{37}{151}$	$\frac{415}{906}$	$\Phi_{906}^4\ \Phi_{302}^4\ \Phi_{151}\ \Phi_{6}^4\ \Phi_{2}^4\ \Phi_{1}^2$
160849	1964	4510	$\frac{1}{41}$	$\frac{40}{451}$	$\frac{1}{5}$	$\frac{411}{902}$	$\Phi_{4510}\ \Phi_{410}\ \Phi_{205}\ \Phi_{110}\ \Phi_{10}$
160850	1964	520	$\frac{29}{520}$	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{52}$	$\Phi_{520}^4\ \Phi_{260}^4\ \Phi_{130}^4\ \Phi_{104}^4\ \Phi_{65}^4\ \Phi_{40}^4\ \Phi_{26}^4\ \Phi_{20}^4\ \Phi_{13}^3\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{5}^4\ \Phi_{2}^4\ \Phi_{1}^4$
160851	1964	1729	$\frac{12}{247}$	$\frac{1}{13}$	$\frac{235}{1729}$	$\frac{747}{1729}$	$\Phi_{1729}\ \Phi_{247}^2\ \Phi_{133}\ \Phi_{91}\ \Phi_{19}^2\ \Phi_{13}\ \Phi_{7}\ \Phi_{1}^2$
160852	1964	820	$\frac{1}{82}$	$\frac{81}{410}$	$\frac{1}{5}$	$\frac{329}{820}$	$\Phi_{820}^4\ \Phi_{410}\ \Phi_{205}\ \Phi_{164}^4\ \Phi_{20}^4\ \Phi_{10}\ \Phi_{4}^4$
160853	1964	2480	$\frac{5}{496}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2480}\ \Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{155}\ \Phi_{80}\ \Phi_{20}\ \Phi_{10}$
160854	1964	741	$\frac{6}{247}$	$\frac{1}{13}$	$\frac{241}{741}$	$\frac{250}{741}$	$\Phi_{741}^2\ \Phi_{247}^4\ \Phi_{57}^2\ \Phi_{39}^2\ \Phi_{19}^4\ \Phi_{13}^3\ \Phi_{3}^2\ \Phi_{1}^4$
160855	1964	3690	$\frac{1}{123}$	$\frac{1}{5}$	$\frac{122}{369}$	$\frac{247}{738}$	$\Phi_{3690}\ \Phi_{1230}\ \Phi_{615}\ \Phi_{410}\ \Phi_{205}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
160856	1964	735	$\frac{1}{245}$	$\frac{244}{735}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{735}^3\ \Phi_{245}^2\ \Phi_{147}^3\ \Phi_{105}^3\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{3}^4\ \Phi_{1}^4$
160857	1964	495	$\frac{4}{495}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{45}^4\ \Phi_{33}^4\ \Phi_{15}^3\ \Phi_{11}^4\ \Phi_{9}^4\ \Phi_{5}^2\ \Phi_{3}^4\ \Phi_{1}^4$
160858	1964	588	$\frac{1}{98}$	$\frac{97}{588}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{588}^4\ \Phi_{294}^3\ \Phi_{196}^4\ \Phi_{147}^3\ \Phi_{98}^2\ \Phi_{84}^4\ \Phi_{49}^2\ \Phi_{42}^3\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
160859	1964	1491	$\frac{6}{497}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1491}\ \Phi_{497}^2\ \Phi_{213}\ \Phi_{71}^2\ \Phi_{3}\ \Phi_{1}^2$
160860	1964	1680	$\frac{1}{70}$	$\frac{69}{560}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}^2\ \Phi_{420}\ \Phi_{336}\ \Phi_{280}^2\ \Phi_{240}\ \Phi_{168}\ \Phi_{140}^2\ \Phi_{120}\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{80}^2\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{40}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{20}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
160861	1964	1500	$\frac{9}{500}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}^2\ \Phi_{375}\ \Phi_{300}\ \Phi_{250}^2\ \Phi_{150}\ \Phi_{125}^2\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{1}^2$
160862	1964	1617	$\frac{1}{49}$	$\frac{48}{539}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1617}\ \Phi_{539}^2\ \Phi_{231}\ \Phi_{77}^2\ \Phi_{33}\ \Phi_{11}^2\ \Phi_{3}\ \Phi_{1}^2$
160863	1964	504	$\frac{13}{504}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{72}^4\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{42}^3\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_{12}^4\ \Phi_{9}^4\ \Phi_{8}^4\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
160864	1964	525	$\frac{1}{35}$	$\frac{34}{525}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{525}^4\ \Phi_{175}^4\ \Phi_{105}^3\ \Phi_{75}^4\ \Phi_{35}^2\ \Phi_{25}^4\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{3}^4\ \Phi_{1}^4$
160865	1964	3660	$\frac{3}{244}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{241}{732}$	$\Phi_{3660}\ \Phi_{1830}\ \Phi_{915}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
160866	1964	720	$\frac{11}{240}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{229}{720}$	$\Phi_{720}^4\ \Phi_{360}^4\ \Phi_{180}^4\ \Phi_{144}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{60}\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}^4$
160867	1964	702	$\frac{1}{13}$	$\frac{23}{234}$	$\frac{3}{26}$	$\frac{211}{702}$	$\Phi_{702}^4\ \Phi_{351}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_{26}^4\ \Phi_{13}^3\ \Phi_{2}^4\ \Phi_{1}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160868	1964	546	$\frac{1}{13}$	$\frac{55}{546}$	$\frac{3}{26}$	$\frac{23}{78}$	$\Phi_{546}^4\ \Phi_{273}^4\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{42}^4\ \Phi_{26}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{13}^3\ \Phi_7^4\ \Phi_2^4\ \Phi_1^4$
160869	1964	2520	$\frac{13}{504}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{210}\ \Phi_{180}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{70}\ \Phi_{60}\ \Phi_{40}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
160870	1964	604	$\frac{3}{151}$	$\frac{113}{604}$	$\frac{37}{151}$	$\frac{38}{151}$	$\Phi_{604}^4\ \Phi_{302}^4\ \Phi_{151}\ \Phi_4^4\ \Phi_2^4\ \Phi_1^2$
160871	1964	3240	$\frac{5}{162}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{157}{648}$	$\Phi_{3240}\ \Phi_{1620}\ \Phi_{1080}\ \Phi_{540}\ \Phi_{360}\ \Phi_{180}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
160872	1964	2640	$\frac{37}{528}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{48}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{880}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{60}\ \Phi_{55}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
160873	1964	624	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{156}$	$\frac{133}{624}$	$\Phi_{624}^4\ \Phi_{312}^4\ \Phi_{208}^4\ \Phi_{104}^4\ \Phi_{48}^4\ \Phi_{26}^4\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{13}^3\ \Phi_8^4\ \Phi_2^4\ \Phi_1^4$
160874	1964	540	$\frac{1}{12}$	$\frac{49}{540}$	$\frac{11}{60}$	$\frac{1}{5}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}\ \Phi_{54}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}\ \Phi_{27}^4\ \Phi_{20}\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}\ \Phi_9^4$
160875	1964	600	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{109}{600}$	$\frac{1}{5}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{200}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^4\ \Phi_{60}\ \Phi_{50}^4\ \Phi_{30}\ \Phi_{25}^4\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
160876	1964	540	$\frac{49}{540}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{540}^4\ \Phi_{270}^3\ \Phi_{180}^4\ \Phi_{135}^3\ \Phi_{108}^4\ \Phi_{90}^3\ \Phi_{60}^4\ \Phi_{54}^4\ \Phi_{45}^3\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
160877	1964	2880	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{85}{576}$	$\frac{1}{5}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{960}\ \Phi_{720}\ \Phi_{360}\ \Phi_{320}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
160878	1965	784	$\frac{1}{392}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{391}{784}$	$\Phi_{784}^5\ \Phi_{112}^5\ \Phi_{16}^5\ \Phi_8\ \Phi_1$
160879	1965	2624	$\frac{3}{656}$	$\frac{1}{4}$	$\frac{659}{2624}$	$\frac{653}{1312}$	$\Phi_{2624}\ \Phi_{656}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}\ \Phi_{64}\ \Phi_{41}\ \Phi_{16}\ \Phi_8\ \Phi_1$
160880	1965	1304	$\frac{3}{652}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{649}{1304}$	$\Phi_{1304}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
160881	1965	3904	$\frac{13}{1952}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1939}{3904}$	$\Phi_{3904}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_1$
160882	1965	1820	$\frac{1}{130}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{129}{260}$	$\Phi_{910}^2\ \Phi_{455}^2\ \Phi_{260}\ \Phi_{182}^2\ \Phi_{130}^2\ \Phi_{91}^2\ \Phi_{70}^2\ \Phi_{65}^2\ \Phi_{52}\ \Phi_{35}^2\ \Phi_{28}\ \Phi_{26}^2\ \Phi_{20}\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
160883	1965	1820	$\frac{1}{130}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{129}{260}$	$\Phi_{1820}^2\ \Phi_{364}^2\ \Phi_{260}^3\ \Phi_{140}^2\ \Phi_{52}^3\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_1^3$
160884	1965	780	$\frac{1}{130}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{129}{260}$	$\Phi_{780}^2\ \Phi_{390}^4\ \Phi_{260}\ \Phi_{195}^4\ \Phi_{156}^2\ \Phi_{130}^2\ \Phi_{78}^4\ \Phi_{65}^2\ \Phi_{60}^2\ \Phi_{52}\ \Phi_{39}^4\ \Phi_{30}^4\ \Phi_{26}^2\ \Phi_{20}\ \Phi_{15}^4\ \Phi_{13}^2\ \Phi_{12}^4\ \Phi_{10}^2\ \Phi_6^5\ \Phi_5^2\ \Phi_4^2\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
160885	1965	1296	$\frac{7}{648}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{641}{1296}$	$\Phi_{1296}^3\ \Phi_{432}^3\ \Phi_{144}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
160886	1965	2064	$\frac{2}{129}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{127}{258}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{688}\ \Phi_{516}\ \Phi_{344}\ \Phi_{172}\ \Phi_{129}\ \Phi_{48}^2\ \Phi_{43}\ \Phi_{24}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
160887	1965	176	$\frac{1}{44}$	$\frac{1}{16}$	$\frac{45}{176}$	$\frac{43}{88}$	$\Phi_{176}^{11}\ \Phi_{88}^{12}\ \Phi_{44}^{11}\ \Phi_{22}^{11}\ \Phi_{16}^{10}\ \Phi_{11}^{11}\ \Phi_8^{11}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
160888	1965	256	$\frac{3}{128}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{125}{256}$	$\Phi_{256}^{15}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
160889	1965	1008	$\frac{5}{126}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{121}{252}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^4\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}^4\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_9^2\ \Phi_8^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
160890	1965	672	$\frac{17}{672}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
160891	1965	492	$\frac{1}{41}$	$\frac{8}{123}$	$\frac{1}{4}$	$\frac{115}{246}$	$\Phi_{492}^5\ \Phi_{164}^6\ \Phi_{123}^5\ \Phi_{82}\ \Phi_{41}^5\ \Phi_{12}^5\ \Phi_4^5\ \Phi_3^5\ \Phi_1^5$
160892	1965	5460	$\frac{1}{65}$	$\frac{1}{14}$	$\frac{64}{195}$	$\frac{13}{28}$	$\Phi_{5460}\ \Phi_{1092}\ \Phi_{780}\ \Phi_{420}\ \Phi_{195}\ \Phi_{156}\ \Phi_{84}\ \Phi_{60}\ \Phi_{39}\ \Phi_{28}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
160893	1965	3780	$\frac{4}{135}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{84}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_3\ \Phi_1$
160894	1965	1092	$\frac{1}{26}$	$\frac{1}{14}$	$\frac{25}{156}$	$\frac{13}{28}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{156}^3\ \Phi_{91}^2\ \Phi_{84}^2\ \Phi_{78}^3\ \Phi_{52}\ \Phi_{42}^2\ \Phi_{39}^3\ \Phi_{28}\ \Phi_{26}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
160895	1965	140	$\frac{9}{140}$	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{13}{28}$	$\Phi_{140}^{13}\ \Phi_{70}^{15}\ \Phi_{35}^{15}\ \Phi_{28}^{14}\ \Phi_{20}^{13}\ \Phi_{14}^{15}\ \Phi_{10}^{14}\ \Phi_7^{15}\ \Phi_5^{14}\ \Phi_4^{14}\ \Phi_2^{14}\ \Phi_1^{15}$
160896	1965	4004	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{13}{28}$	$\Phi_{4004}\ \Phi_{572}\ \Phi_{308}\ \Phi_{143}\ \Phi_{44}\ \Phi_{28}\ \Phi_{11}\ \Phi_4\ \Phi_1$
160897	1965	1936	$\frac{1}{16}$	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{111}{242}$	$\Phi_{1936}\ \Phi_{968}\ \Phi_{484}\ \Phi_{176}^2\ \Phi_{121}\ \Phi_{88}^2\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_4\ \Phi_1$
160898	1965	144	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{13}{144}$	$\frac{11}{24}$	$\Phi_{144}^{15}\ \Phi_{72}^{15}\ \Phi_{48}^{11}\ \Phi_{36}^{15}\ \Phi_{24}^{12}\ \Phi_{18}^{15}\ \Phi_{16}^{10}\ \Phi_{12}^{11}\ \Phi_9^{15}\ \Phi_8^{11}\ \Phi_6^{11}\ \Phi_4^{10}\ \Phi_3^{11}\ \Phi_2^{10}\ \Phi_1^{11}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160899	1965	3608	$\frac{3}{164}$	$\frac{161}{1804}$	$\frac{1}{4}$	$\frac{1643}{3608}$	$\Phi_{3608}\ \Phi_{328}\ \Phi_{164}\ \Phi_{88}\ \Phi_{82}\ \Phi_{41}\ \Phi_{8}\ \Phi_{1}$
160900	1965	240	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{11}{120}$	$\frac{109}{240}$	$\Phi_{240}^{7}\ \Phi_{120}^{8}\ \Phi_{80}^{7}\ \Phi_{60}^{8}\ \Phi_{48}^{11}\ \Phi_{40}^{8}\ \Phi_{30}^{8}\ \Phi_{24}^{12}\ \Phi_{20}^{8}\ \Phi_{16}^{10}\ \Phi_{15}^{8}\ \Phi_{12}^{11}\ \Phi_{10}^{8}\ \Phi_{8}^{11}\ \Phi_{6}^{11}\ \Phi_{5}^{8}\ \Phi_{4}^{10}\ \Phi_{3}^{11}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
160901	1965	1148	$\frac{1}{82}$	$\frac{81}{574}$	$\frac{1}{4}$	$\frac{493}{1148}$	$\Phi_{1148}\ \Phi_{574}^{2}\ \Phi_{287}^{2}\ \Phi_{164}^{3}\ \Phi_{82}^{3}\ \Phi_{41}^{3}\ \Phi_{28}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
160902	1965	1984	$\frac{19}{1984}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{64}\ \Phi_{62}\ \Phi_{31}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
160903	1965	880	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{21}{110}$	$\frac{89}{220}$	$\Phi_{880}^{2}\ \Phi_{440}^{2}\ \Phi_{220}\ \Phi_{176}^{4}\ \Phi_{110}^{2}\ \Phi_{88}^{4}\ \Phi_{80}^{2}\ \Phi_{55}^{2}\ \Phi_{44}^{3}\ \Phi_{40}^{2}\ \Phi_{22}^{3}\ \Phi_{20}\ \Phi_{16}^{3}\ \Phi_{11}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
160904	1965	491	$\frac{6}{491}$	$\frac{97}{491}$	$\frac{98}{491}$	$\frac{197}{491}$	$\Phi_{491}^{4}\ \Phi_{1}^{5}$
160905	1965	656	$\frac{3}{328}$	$\frac{65}{328}$	$\frac{1}{4}$	$\frac{263}{656}$	$\Phi_{656}^{5}\ \Phi_{328}\ \Phi_{164}\ \Phi_{82}\ \Phi_{41}\ \Phi_{16}^{5}\ \Phi_{8}\ \Phi_{1}$
160906	1965	392	$\frac{1}{196}$	$\frac{1}{4}$	$\frac{65}{196}$	$\frac{3}{8}$	$\Phi_{392}^{8}\ \Phi_{196}^{2}\ \Phi_{98}^{2}\ \Phi_{56}^{8}\ \Phi_{49}^{2}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{9}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
160907	1965	264	$\frac{1}{132}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{264}^{12}\ \Phi_{132}^{3}\ \Phi_{88}^{12}\ \Phi_{66}^{3}\ \Phi_{44}^{3}\ \Phi_{33}^{3}\ \Phi_{24}^{12}\ \Phi_{22}^{3}\ \Phi_{12}^{3}\ \Phi_{11}^{3}\ \Phi_{8}^{9}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
160908	1965	1960	$\frac{1}{98}$	$\frac{97}{490}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1960}^{2}\ \Phi_{490}\ \Phi_{280}^{2}\ \Phi_{245}\ \Phi_{70}\ \Phi_{40}^{2}\ \Phi_{35}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
160909	1965	784	$\frac{5}{392}$	$\frac{129}{784}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{784}^{3}\ \Phi_{392}^{2}\ \Phi_{196}^{2}\ \Phi_{112}^{3}\ \Phi_{98}^{2}\ \Phi_{56}^{2}\ \Phi_{49}^{2}\ \Phi_{28}^{2}\ \Phi_{16}^{3}\ \Phi_{14}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
160910	1965	1064	$\frac{2}{133}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1064}^{3}\ \Phi_{152}^{3}\ \Phi_{133}^{3}\ \Phi_{56}^{2}\ \Phi_{19}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
160911	1965	400	$\frac{7}{400}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{400}^{5}\ \Phi_{200}^{5}\ \Phi_{100}^{5}\ \Phi_{80}^{5}\ \Phi_{50}^{5}\ \Phi_{40}^{5}\ \Phi_{25}^{5}\ \Phi_{20}^{5}\ \Phi_{16}^{5}\ \Phi_{10}^{5}\ \Phi_{8}\ \Phi_{5}^{5}\ \Phi_{1}$
160912	1965	448	$\frac{1}{56}$	$\frac{55}{448}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{448}^{5}\ \Phi_{224}^{5}\ \Phi_{112}^{5}\ \Phi_{64}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{5}\ \Phi_{8}\ \Phi_{1}$
160913	1965	1176	$\frac{1}{49}$	$\frac{16}{147}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1176}^{3}\ \Phi_{392}^{2}\ \Phi_{168}^{3}\ \Phi_{147}^{3}\ \Phi_{56}^{2}\ \Phi_{49}^{2}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
160914	1965	672	$\frac{17}{672}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{3}\ \Phi_{96}^{3}\ \Phi_{84}^{3}\ \Phi_{56}^{2}\ \Phi_{48}^{3}\ \Phi_{42}^{3}\ \Phi_{32}^{3}\ \Phi_{28}^{2}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{16}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
160915	1965	1624	$\frac{13}{406}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1624}^{2}\ \Phi_{406}\ \Phi_{232}^{2}\ \Phi_{203}\ \Phi_{58}\ \Phi_{29}\ \Phi_{8}\ \Phi_{1}$
160916	1965	280	$\frac{1}{28}$	$\frac{9}{140}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^{12}\ \Phi_{140}^{3}\ \Phi_{70}^{3}\ \Phi_{56}^{8}\ \Phi_{40}^{12}\ \Phi_{35}^{3}\ \Phi_{28}^{2}\ \Phi_{20}^{3}\ \Phi_{14}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{9}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
160917	1965	272	$\frac{5}{136}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{272}^{8}\ \Phi_{136}^{7}\ \Phi_{68}^{7}\ \Phi_{34}^{7}\ \Phi_{17}^{7}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
160918	1965	1584	$\frac{1}{33}$	$\frac{1}{16}$	$\frac{32}{99}$	$\frac{67}{198}$	$\Phi_{1584}\ \Phi_{792}\ \Phi_{528}^{2}\ \Phi_{396}\ \Phi_{264}^{2}\ \Phi_{176}^{2}\ \Phi_{144}\ \Phi_{132}^{2}\ \Phi_{99}\ \Phi_{88}^{2}\ \Phi_{72}\ \Phi_{66}\ \Phi_{48}^{2}\ \Phi_{44}^{2}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}^{2}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
160919	1965	984	$\frac{1}{164}$	$\frac{1}{4}$	$\frac{163}{492}$	$\frac{329}{984}$	$\Phi_{984}^{3}\ \Phi_{328}^{3}\ \Phi_{164}^{3}\ \Phi_{82}^{3}\ \Phi_{41}^{3}\ \Phi_{24}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
160920	1965	843	$\frac{2}{281}$	$\frac{188}{843}$	$\frac{93}{281}$	$\frac{1}{3}$	$\Phi_{843}^{2}\ \Phi_{281}^{3}\ \Phi_{3}\ \Phi_{1}^{3}$
160921	1965	976	$\frac{13}{976}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{321}{976}$	$\Phi_{976}^{2}\ \Phi_{488}^{2}\ \Phi_{244}^{2}\ \Phi_{122}^{2}\ \Phi_{61}^{2}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
160922	1965	1365	$\frac{1}{65}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{64}{195}$	$\Phi_{1365}^{2}\ \Phi_{273}^{2}\ \Phi_{195}^{3}\ \Phi_{105}^{2}\ \Phi_{39}^{3}\ \Phi_{21}^{2}\ \Phi_{15}^{3}\ \Phi_{7}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
160923	1965	780	$\frac{1}{65}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{64}{195}$	$\Phi_{780}^{3}\ \Phi_{390}\ \Phi_{260}^{4}\ \Phi_{195}^{2}\ \Phi_{156}^{3}\ \Phi_{130}^{2}\ \Phi_{78}\ \Phi_{65}^{2}\ \Phi_{60}^{3}\ \Phi_{52}^{4}\ \Phi_{39}^{2}\ \Phi_{30}\ \Phi_{26}^{2}\ \Phi_{20}^{4}\ \Phi_{15}^{2}\ \Phi_{13}^{2}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{5}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
160924	1965	1476	$\frac{1}{41}$	$\frac{83}{738}$	$\frac{1}{4}$	$\frac{40}{123}$	$\Phi_{1476}^{2}\ \Phi_{738}\ \Phi_{492}\ \Phi_{369}\ \Phi_{164}^{2}\ \Phi_{123}\ \Phi_{82}\ \Phi_{41}\ \Phi_{36}^{2}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
160925	1965	192	$\frac{3}{64}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{61}{192}$	$\Phi_{192}^{15}\ \Phi_{96}^{15}\ \Phi_{48}^{15}\ \Phi_{24}^{15}\ \Phi_{16}^{3}\ \Phi_{12}^{15}\ \Phi_{8}^{3}\ \Phi_{6}^{15}\ \Phi_{4}^{2}\ \Phi_{3}^{15}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
160926	1965	672	$\frac{17}{672}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{672}^{3}\ \Phi_{336}^{3}\ \Phi_{224}^{3}\ \Phi_{168}^{3}\ \Phi_{112}^{3}\ \Phi_{96}^{3}\ \Phi_{84}^{3}\ \Phi_{56}^{3}\ \Phi_{48}^{3}\ \Phi_{42}^{3}\ \Phi_{32}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{16}^{3}\ \Phi_{14}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
160927	1965	945	$\frac{4}{135}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{135}^{3}\ \Phi_{105}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{3}\ \Phi_{27}^{3}\ \Phi_{21}^{2}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
160928	1965	1092	$\frac{1}{26}$	$\frac{1}{7}$	$\frac{25}{156}$	$\frac{2}{7}$	$\Phi_{1092}^{2}\ \Phi_{546}^{2}\ \Phi_{364}^{2}\ \Phi_{273}^{2}\ \Phi_{156}^{3}\ \Phi_{84}^{2}\ \Phi_{78}^{3}\ \Phi_{52}^{3}\ \Phi_{42}^{2}\ \Phi_{39}^{3}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{12}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
160929	1965	140	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{140}^{15}\ \Phi_{70}^{13}\ \Phi_{35}^{13}\ \Phi_{28}^{15}\ \Phi_{20}^{15}\ \Phi_{14}^{13}\ \Phi_{10}^{12}\ \Phi_{7}^{15}\ \Phi_{5}^{12}\ \Phi_{4}^{15}\ \Phi_{2}^{12}\ \Phi_{1}^{15}$
160930	1965	1001	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{1001}^{2}\ \Phi_{143}^{3}\ \Phi_{77}^{2}\ \Phi_{11}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160931	1965	144	$\frac{1}{16}$	$\frac{13}{144}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{144}^{13}\ \Phi_{72}^{13}\ \Phi_{48}^{15}\ \Phi_{36}^{13}\ \Phi_{24}^{15}\ \Phi_{18}^{14}\ \Phi_{16}^{14}\ \Phi_{12}^{15}\ \Phi_{9}^{14}\ \Phi_{8}^{14}\ \Phi_{6}^{15}\ \Phi_{4}^{14}\ \Phi_{3}^{15}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
160932	1965	720	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{180}$	$\Phi_{720}^{4}\ \Phi_{360}^{4}\ \Phi_{180}^{3}\ \Phi_{144}^{4}\ \Phi_{90}^{3}\ \Phi_{72}^{4}\ \Phi_{48}^{4}\ \Phi_{45}^{3}\ \Phi_{36}^{3}\ \Phi_{24}^{4}\ \Phi_{18}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
160933	1965	864	$\frac{7}{216}$	$\frac{1}{8}$	$\frac{209}{864}$	$\frac{1}{4}$	$\Phi_{864}^{3}\ \Phi_{432}^{3}\ \Phi_{288}^{3}\ \Phi_{144}^{3}\ \Phi_{96}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
160934	1965	704	$\frac{1}{16}$	$\frac{49}{704}$	$\frac{15}{64}$	$\frac{1}{4}$	$\Phi_{704}^{3}\ \Phi_{352}^{3}\ \Phi_{176}^{3}\ \Phi_{88}^{3}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{16}^{3}\ \Phi_{11}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
160935	1965	164	$\frac{1}{41}$	$\frac{8}{41}$	$\frac{33}{164}$	$\frac{1}{4}$	$\Phi_{164}^{11}\ \Phi_{82}^{11}\ \Phi_{41}^{15}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{15}$
160936	1965	540	$\frac{4}{135}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{540}^{5}\ \Phi_{270}^{2}\ \Phi_{180}^{5}\ \Phi_{135}^{3}\ \Phi_{108}^{5}\ \Phi_{90}^{2}\ \Phi_{60}^{3}\ \Phi_{54}^{2}\ \Phi_{45}^{3}\ \Phi_{36}^{5}\ \Phi_{30}\ \Phi_{27}^{3}\ \Phi_{20}^{4}\ \Phi_{18}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{5}\ \Phi_{10}^{2}\ \Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{5}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
160937	1965	144	$\frac{1}{16}$	$\frac{13}{144}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{144}^{15}\ \Phi_{72}^{15}\ \Phi_{48}^{15}\ \Phi_{36}^{15}\ \Phi_{24}^{15}\ \Phi_{18}^{15}\ \Phi_{16}^{3}\ \Phi_{12}^{15}\ \Phi_{9}^{15}\ \Phi_{8}^{3}\ \Phi_{6}^{15}\ \Phi_{4}^{2}\ \Phi_{3}^{15}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
160938	1965	160	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{29}{160}$	$\frac{1}{4}$	$\Phi_{160}^{15}\ \Phi_{80}^{15}\ \Phi_{40}^{15}\ \Phi_{20}^{15}\ \Phi_{16}^{3}\ \Phi_{10}^{15}\ \Phi_{8}^{3}\ \Phi_{5}^{15}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
160939	1965	156	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{156}^{11}\ \Phi_{78}^{13}\ \Phi_{52}^{13}\ \Phi_{39}^{13}\ \Phi_{26}^{14}\ \Phi_{13}^{14}\ \Phi_{12}^{13}\ \Phi_{6}^{14}\ \Phi_{4}^{14}\ \Phi_{3}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
160940	1965	420	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{140}^{3}\ \Phi_{105}^{6}\ \Phi_{84}^{6}\ \Phi_{70}^{3}\ \Phi_{60}^{2}\ \Phi_{42}^{6}\ \Phi_{35}^{3}\ \Phi_{30}^{4}\ \Phi_{28}^{3}\ \Phi_{21}^{6}\ \Phi_{20}\ \Phi_{15}^{4}\ \Phi_{14}^{3}\ \Phi_{12}^{4}\ \Phi_{10}^{2}\ \Phi_{7}^{3}\ \Phi_{6}^{5}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
160941	1965	1716	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1716}^{2}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{143}\ \Phi_{132}^{2}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{12}^{2}\ \Phi_{11}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
160942	1965	768	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{113}{768}$	$\frac{1}{4}$	$\Phi_{768}^{3}\ \Phi_{384}^{3}\ \Phi_{256}^{3}\ \Phi_{192}^{3}\ \Phi_{96}^{3}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
160943	1965	144	$\frac{13}{144}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{144}^{15}\ \Phi_{72}^{12}\ \Phi_{48}^{15}\ \Phi_{36}^{12}\ \Phi_{24}^{12}\ \Phi_{18}^{12}\ \Phi_{16}^{15}\ \Phi_{12}^{12}\ \Phi_{9}^{12}\ \Phi_{8}^{15}\ \Phi_{6}^{12}\ \Phi_{4}^{14}\ \Phi_{3}^{12}\ \Phi_{2}^{14}\ \Phi_{1}^{15}$
160944	1965	336	$\frac{1}{16}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{168}$	$\Phi_{336}^{6}\ \Phi_{168}^{5}\ \Phi_{112}^{6}\ \Phi_{84}^{5}\ \Phi_{56}^{5}\ \Phi_{48}^{8}\ \Phi_{42}^{6}\ \Phi_{28}^{5}\ \Phi_{24}^{7}\ \Phi_{21}^{6}\ \Phi_{16}^{7}\ \Phi_{14}^{6}\ \Phi_{12}^{7}\ \Phi_{8}^{6}\ \Phi_{7}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
160945	1966	1962	$\frac{2}{981}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{979}{1962}$	$\Phi_{1962}^{2}\ \Phi_{654}^{2}\ \Phi_{218}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
160946	1966	1572	$\frac{1}{393}$	$\frac{197}{786}$	$\frac{589}{1572}$	$\frac{196}{393}$	$\Phi_{1572}^{2}\ \Phi_{524}^{2}\ \Phi_{393}\ \Phi_{131}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
160947	1966	3936	$\frac{1}{328}$	$\frac{329}{1312}$	$\frac{1}{3}$	$\frac{327}{656}$	$\Phi_{3936}\ \Phi_{984}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{96}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
160948	1966	1960	$\frac{3}{980}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{977}{1960}$	$\Phi_{1960}^{2}\ \Phi_{392}^{2}\ \Phi_{280}^{2}\ \Phi_{56}^{2}\ \Phi_{40}^{2}\ \Phi_{8}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
160949	1966	5880	$\frac{3}{980}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{977}{1960}$	$\Phi_{5880}\ \Phi_{1176}\ \Phi_{840}\ \Phi_{168}\ \Phi_{120}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
160950	1966	1956	$\frac{5}{978}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{973}{1956}$	$\Phi_{1956}^{2}\ \Phi_{652}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
160951	1966	5856	$\frac{7}{976}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{969}{1952}$	$\Phi_{5856}\ \Phi_{96}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
160952	1966	1834	$\frac{1}{131}$	$\frac{66}{917}$	$\frac{851}{1834}$	$\frac{65}{131}$	$\Phi_{1834}^{2}\ \Phi_{262}^{2}\ \Phi_{131}\ \Phi_{14}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
160953	1966	1950	$\frac{8}{975}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{967}{1950}$	$\Phi_{1950}^{2}\ \Phi_{650}^{2}\ \Phi_{390}^{2}\ \Phi_{150}^{2}\ \Phi_{130}^{2}\ \Phi_{78}^{2}\ \Phi_{50}^{2}\ \Phi_{30}^{2}\ \Phi_{26}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
160954	1966	1944	$\frac{11}{972}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{961}{1944}$	$\Phi_{1944}^{2}\ \Phi_{648}^{2}\ \Phi_{216}^{2}\ \Phi_{72}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
160955	1966	1935	$\frac{31}{1935}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{952}{1935}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{387}\ \Phi_{215}\ \Phi_{129}\ \Phi_{45}^{2}\ \Phi_{43}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$
160956	1966	1320	$\frac{7}{330}$	$\frac{1}{15}$	$\frac{337}{1320}$	$\frac{323}{660}$	$\Phi_{1320}^{2}\ \Phi_{440}^{2}\ \Phi_{330}^{2}\ \Phi_{264}^{2}\ \Phi_{165}^{2}\ \Phi_{120}^{2}\ \Phi_{110}^{2}\ \Phi_{88}^{2}\ \Phi_{66}^{2}\ \Phi_{55}^{2}\ \Phi_{40}^{2}\ \Phi_{33}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{15}\ \Phi_{11}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
160957	1966	1920	$\frac{23}{960}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{937}{1920}$	$\Phi_{1920}^{2}\ \Phi_{640}^{2}\ \Phi_{384}^{2}\ \Phi_{128}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
160958	1966	1920	$\frac{23}{960}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{937}{1920}$	$\Phi_{1920}^{2}\ \Phi_{640}^{2}\ \Phi_{384}^{2}\ \Phi_{128}^{2}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
160959	1966	1890	$\frac{38}{945}$	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{907}{1890}$	$\Phi_{1890}^{2}\ \Phi_{630}^{2}\ \Phi_{378}^{2}\ \Phi_{270}^{2}\ \Phi_{210}^{2}\ \Phi_{126}^{2}\ \Phi_{90}^{2}\ \Phi_{70}^{2}\ \Phi_{54}^{2}\ \Phi_{45}^{2}\ \Phi_{42}^{2}\ \Phi_{30}^{2}\ \Phi_{18}^{2}\ \Phi_{15}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
160960	1966	1008	$\frac{25}{1008}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{252}^{2}\ \Phi_{168}^{2}\ \Phi_{144}^{2}\ \Phi_{126}^{2}\ \Phi_{112}^{2}\ \Phi_{84}^{2}\ \Phi_{72}^{2}\ \Phi_{63}^{2}\ \Phi_{56}^{2}\ \Phi_{42}^{2}\ \Phi_{36}^{2}\ \Phi_{28}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
160961	1966	5658	$\frac{1}{41}$	$\frac{40}{943}$	$\frac{1}{3}$	$\frac{903}{1886}$	$\Phi_{5658}\ \Phi_{246}\ \Phi_{138}\ \Phi_{123}\ \Phi_{6}$
160962	1966	1845	$\frac{2}{123}$	$\frac{121}{1845}$	$\frac{1}{3}$	$\frac{862}{1845}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{369}\ \Phi_{205}\ \Phi_{123}^{2}\ \Phi_{45}\ \Phi_{41}^{2}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160963	1966	1170	$\frac{8}{195}$	$\frac{1}{15}$	$\frac{187}{1170}$	$\frac{7}{15}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{390}^2\ \Phi_{234}^2\ \Phi_{130}^2\ \Phi_{117}^2\ \Phi_{90}^2\ \Phi_{78}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160964	1966	1050	$\frac{67}{1050}$	$\frac{1}{15}$	$\frac{8}{75}$	$\frac{7}{15}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160965	1966	1080	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{97}{1080}$	$\frac{83}{180}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160966	1966	1815	$\frac{1}{15}$	$\frac{151}{1815}$	$\frac{14}{165}$	$\frac{832}{1815}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{363}\ \Phi_{165}^2\ \Phi_{121}\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
160967	1966	5412	$\frac{1}{82}$	$\frac{81}{902}$	$\frac{1}{3}$	$\frac{821}{1804}$	$\Phi_{5412}\ \Phi_{492}\ \Phi_{246}\ \Phi_{132}\ \Phi_{123}\ \Phi_{12}\ \Phi_6$
160968	1966	1800	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{83}{900}$	$\frac{817}{1800}$	$\Phi_{1800}^2\ \Phi_{600}^2\ \Phi_{360}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160969	1966	2976	$\frac{9}{992}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{2976}\ \Phi_{1488}\ \Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{96}\ \Phi_{93}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
160970	1966	1722	$\frac{1}{123}$	$\frac{122}{861}$	$\frac{1}{3}$	$\frac{739}{1722}$	$\Phi_{1722}^2\ \Phi_{574}^2\ \Phi_{246}^2\ \Phi_{123}^2\ \Phi_{82}^2\ \Phi_{42}^2\ \Phi_{41}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160971	1966	1650	$\frac{7}{165}$	$\frac{1}{15}$	$\frac{158}{825}$	$\frac{667}{1650}$	$\Phi_{1650}^2\ \Phi_{550}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{150}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{50}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160972	1966	4920	$\frac{1}{164}$	$\frac{163}{820}$	$\frac{1}{3}$	$\frac{657}{1640}$	$\Phi_{4920}\ \Phi_{984}\ \Phi_{492}\ \Phi_{246}\ \Phi_{123}\ \Phi_{120}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
160973	1966	1470	$\frac{3}{490}$	$\frac{1}{5}$	$\frac{487}{1470}$	$\frac{2}{5}$	$\Phi_{1470}^2\ \Phi_{735}^2\ \Phi_{294}^2\ \Phi_{210}^2\ \Phi_{147}^2\ \Phi_{105}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
160974	1966	990	$\frac{7}{990}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
160975	1966	1225	$\frac{3}{245}$	$\frac{242}{1225}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1225}^2\ \Phi_{175}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
160976	1966	1000	$\frac{17}{1000}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1000}^2\ \Phi_{500}^2\ \Phi_{250}^2\ \Phi_{200}^2\ \Phi_{125}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
160977	1966	1120	$\frac{3}{140}$	$\frac{137}{1120}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{280}^2\ \Phi_{224}^2\ \Phi_{160}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
160978	1966	1015	$\frac{32}{1015}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1015}^2\ \Phi_{203}^2\ \Phi_{145}^2\ \Phi_{29}^2\ \Phi_5\ \Phi_1^2$
160979	1966	1050	$\frac{3}{70}$	$\frac{67}{1050}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
160980	1966	1020	$\frac{37}{1020}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{204}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{17}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160981	1966	1572	$\frac{1}{131}$	$\frac{65}{262}$	$\frac{197}{786}$	$\frac{589}{1572}$	$\Phi_{1572}^2\ \Phi_{524}^2\ \Phi_{262}^2\ \Phi_{131}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
160982	1966	1485	$\frac{14}{495}$	$\frac{1}{15}$	$\frac{481}{1485}$	$\frac{502}{1485}$	$\Phi_{1485}\ \Phi_{495}^2\ \Phi_{297}\ \Phi_{165}^2\ \Phi_{135}\ \Phi_{99}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{27}\ \Phi_{15}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
160983	1966	1476	$\frac{1}{246}$	$\frac{245}{738}$	$\frac{1}{3}$	$\frac{493}{1476}$	$\Phi_{1476}^2\ \Phi_{492}^2\ \Phi_{246}^2\ \Phi_{164}^2\ \Phi_{123}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160984	1966	1308	$\frac{2}{327}$	$\frac{325}{1308}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1308}^2\ \Phi_{654}^2\ \Phi_{436}^2\ \Phi_{218}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160985	1966	990	$\frac{7}{990}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160986	1966	1464	$\frac{7}{488}$	$\frac{1}{8}$	$\frac{481}{1464}$	$\frac{1}{3}$	$\Phi_{1464}\ \Phi_{732}\ \Phi_{488}^2\ \Phi_{366}\ \Phi_{244}^2\ \Phi_{183}\ \Phi_{122}^2\ \Phi_{61}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160987	1966	1107	$\frac{2}{123}$	$\frac{124}{1107}$	$\frac{121}{369}$	$\frac{1}{3}$	$\Phi_{1107}^2\ \Phi_{369}\ \Phi_{123}^2\ \Phi_{41}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
160988	1966	1440	$\frac{1}{24}$	$\frac{23}{480}$	$\frac{457}{1440}$	$\frac{1}{3}$	$\Phi_{1440}^2\ \Phi_{720}^2\ \Phi_{360}^2\ \Phi_{288}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160989	1966	1008	$\frac{25}{1008}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160990	1966	1176	$\frac{3}{196}$	$\frac{193}{1176}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1176}^2\ \Phi_{588}\ \Phi_{392}^2\ \Phi_{294}\ \Phi_{196}^2\ \Phi_{168}^2\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{84}\ \Phi_{56}^2\ \Phi_{49}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160991	1966	3000	$\frac{17}{1000}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{600}\ \Phi_{375}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
160992	1966	3360	$\frac{3}{140}$	$\frac{137}{1120}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{672}\ \Phi_{480}\ \Phi_{336}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
160993	1966	1008	$\frac{25}{1008}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160994	1966	1296	$\frac{11}{324}$	$\frac{1}{12}$	$\frac{313}{1296}$	$\frac{1}{3}$	$\Phi_{1296}^2\ \Phi_{648}^2\ \Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160995	1966	1056	$\frac{1}{24}$	$\frac{73}{1056}$	$\frac{23}{96}$	$\frac{1}{3}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160996	1966	1230	$\frac{2}{123}$	$\frac{121}{615}$	$\frac{247}{1230}$	$\frac{1}{3}$	$\Phi_{1230}^2\ \Phi_{615}\ \Phi_{410}^2\ \Phi_{246}^2\ \Phi_{205}\ \Phi_{123}^2\ \Phi_{82}^2\ \Phi_{41}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160997	1966	1080	$\frac{1}{24}$	$\frac{97}{1080}$	$\frac{23}{120}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160998	1966	1200	$\frac{1}{24}$	$\frac{23}{240}$	$\frac{217}{1200}$	$\frac{1}{3}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
160999	1966	1152	$\frac{1}{24}$	$\frac{23}{192}$	$\frac{169}{1152}$	$\frac{1}{3}$	$\Phi_{1152}^2\ \Phi_{576}^2\ \Phi_{384}^2\ \Phi_{288}^2\ \Phi_{144}^2\ \Phi_{128}^2\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
161000	1966	1080	$\frac{1}{12}$	$\frac{97}{1080}$	$\frac{11}{108}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
161001	1966	1440	$\frac{23}{480}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{457}{1440}$	$\Phi_{1440}^2\ \Phi_{720}^2\ \Phi_{360}^2\ \Phi_{288}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
161002	1966	1080	$\frac{1}{15}$	$\frac{97}{1080}$	$\frac{7}{45}$	$\frac{38}{135}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
161003	1966	1350	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{83}{450}$	$\frac{367}{1350}$	$\Phi_{1350}^2\ \Phi_{675}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
161004	1966	1080	$\frac{1}{15}$	$\frac{97}{1080}$	$\frac{23}{120}$	$\frac{7}{30}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
161005	1966	1200	$\frac{1}{15}$	$\frac{23}{240}$	$\frac{217}{1200}$	$\frac{7}{30}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
161006	1966	1260	$\frac{1}{15}$	$\frac{38}{315}$	$\frac{7}{45}$	$\frac{277}{1260}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
161007	1967	1680	$\frac{1}{280}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{279}{560}$	$\Phi_{1680}^2\ \Phi_{560}^3\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{112}^3\ \Phi_{80}^3\ \Phi_{48}^2\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
161008	1967	5040	$\frac{1}{280}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{279}{560}$	$\Phi_{5040}\ \Phi_{1008}\ \Phi_{720}\ \Phi_{560}\ \Phi_{144}\ \Phi_{112}\ \Phi_{80}\ \Phi_{16}\ \Phi_9\ \Phi_1$
161009	1967	2232	$\frac{2}{279}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{277}{558}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{744}\ \Phi_{372}\ \Phi_{279}\ \Phi_{248}\ \Phi_{124}\ \Phi_{93}\ \Phi_{72}\ \Phi_{36}\ \Phi_{31}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
161010	1967	376	$\frac{1}{94}$	$\frac{1}{8}$	$\frac{95}{376}$	$\frac{93}{188}$	$\Phi_{376}^5\ \Phi_{188}^6\ \Phi_{94}^5\ \Phi_{47}^5\ \Phi_8^4\ \Phi_4^5\ \Phi_2^4\ \Phi_1^5$
161011	1967	552	$\frac{5}{276}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{271}{552}$	$\Phi_{552}^3\ \Phi_{276}^4\ \Phi_{184}^3\ \Phi_{138}^4\ \Phi_{92}^4\ \Phi_{69}^4\ \Phi_{46}^4\ \Phi_{24}^5\ \Phi_{23}^4\ \Phi_{12}^6\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
161012	1967	420	$\frac{1}{140}$	$\frac{1}{6}$	$\frac{139}{420}$	$\frac{5}{12}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^4\ \Phi_{105}^5\ \Phi_{84}^5\ \Phi_{70}^4\ \Phi_{60}^5\ \Phi_{42}^5\ \Phi_{35}^4\ \Phi_{30}^5\ \Phi_{28}^4\ \Phi_{21}^5\ \Phi_{20}^4\ \Phi_{15}^5\ \Phi_{14}^4\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_7^4\ \Phi_6^5\ \Phi_5^4\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
161013	1967	852	$\frac{3}{284}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{852}^2\ \Phi_{426}^2\ \Phi_{284}^3\ \Phi_{213}^2\ \Phi_{142}^3\ \Phi_{71}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
161014	1967	1140	$\frac{4}{285}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{1140}^3\ \Phi_{380}^3\ \Phi_{285}\ \Phi_{228}^3\ \Phi_{95}\ \Phi_{76}^3\ \Phi_{60}^2\ \Phi_{57}\ \Phi_{20}^2\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}^3\ \Phi_4^3\ \Phi_3\ \Phi_1$
161015	1967	2100	$\frac{1}{70}$	$\frac{1}{6}$	$\frac{69}{350}$	$\frac{5}{12}$	$\Phi_{2100}^2\ \Phi_{700}^2\ \Phi_{350}\ \Phi_{300}^2\ \Phi_{175}\ \Phi_{100}^2\ \Phi_{50}\ \Phi_{25}\ \Phi_{12}\ \Phi_4\ \Phi_1$
161016	1967	336	$\frac{1}{56}$	$\frac{55}{336}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{336}^7\ \Phi_{168}^5\ \Phi_{112}^7\ \Phi_{84}^5\ \Phi_{56}^4\ \Phi_{48}^7\ \Phi_{42}^5\ \Phi_{28}^4\ \Phi_{24}^5\ \Phi_{21}^5\ \Phi_{16}^7\ \Phi_{14}^4\ \Phi_{12}^6\ \Phi_8^4\ \Phi_7^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
161017	1967	3444	$\frac{6}{287}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3444}\ \Phi_{1148}\ \Phi_{492}\ \Phi_{287}\ \Phi_{164}\ \Phi_{41}\ \Phi_{12}\ \Phi_4\ \Phi_1$
161018	1967	288	$\frac{7}{288}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}^7\ \Phi_{72}^7\ \Phi_{48}^7\ \Phi_{36}^7\ \Phi_{32}^5\ \Phi_{24}^5\ \Phi_{18}^7\ \Phi_{16}^7\ \Phi_{12}^6\ \Phi_9^7\ \Phi_8^4\ \Phi_6^5\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
161019	1967	960	$\frac{1}{40}$	$\frac{39}{320}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^3\ \Phi_{240}^2\ \Phi_{192}^2\ \Phi_{160}^3\ \Phi_{96}^2\ \Phi_{80}^3\ \Phi_{64}^3\ \Phi_{48}^2\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
161020	1967	1260	$\frac{1}{35}$	$\frac{34}{315}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1260}^3\ \Phi_{420}^2\ \Phi_{315}\ \Phi_{252}^3\ \Phi_{180}^3\ \Phi_{140}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{63}\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{36}^3\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^3\ \Phi_9\ \Phi_4^3\ \Phi_3\ \Phi_1$
161021	1967	1740	$\frac{9}{290}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1740}^2\ \Phi_{580}^2\ \Phi_{348}^2\ \Phi_{290}\ \Phi_{145}\ \Phi_{116}^2\ \Phi_{58}\ \Phi_{29}\ \Phi_{12}\ \Phi_4\ \Phi_1$
161022	1967	924	$\frac{1}{28}$	$\frac{27}{308}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^3\ \Phi_{231}^2\ \Phi_{154}^3\ \Phi_{132}^2\ \Phi_{77}^3\ \Phi_{66}^2\ \Phi_{44}^3\ \Phi_{33}^2\ \Phi_{22}^3\ \Phi_{12}\ \Phi_{11}^3\ \Phi_4\ \Phi_1$
161023	1967	588	$\frac{13}{294}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{588}^6\ \Phi_{294}\ \Phi_{196}^6\ \Phi_{147}\ \Phi_{98}\ \Phi_{84}^4\ \Phi_{49}\ \Phi_{42}\ \Phi_{28}^4\ \Phi_{21}\ \Phi_{12}^5\ \Phi_6\ \Phi_4^5\ \Phi_3\ \Phi_1$
161024	1967	300	$\frac{1}{20}$	$\frac{19}{300}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{300}^7\ \Phi_{150}^7\ \Phi_{100}^7\ \Phi_{75}^7\ \Phi_{60}^5\ \Phi_{50}^7\ \Phi_{30}^5\ \Phi_{25}^7\ \Phi_{20}^4\ \Phi_{15}^5\ \Phi_{12}^6\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^4\ \Phi_4^5\ \Phi_3^5\ \Phi_2^4\ \Phi_1^5$
161025	1967	1880	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{46}{235}$	$\frac{189}{470}$	$\Phi_{1880}\ \Phi_{940}\ \Phi_{376}^2\ \Phi_{235}\ \Phi_{188}^2\ \Phi_{94}\ \Phi_{47}\ \Phi_{40}\ \Phi_{20}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
161026	1967	1260	$\frac{1}{140}$	$\frac{2}{9}$	$\frac{139}{420}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{84}\ \Phi_{63}^2\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
161027	1967	2556	$\frac{3}{284}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2556}\ \Phi_{1278}\ \Phi_{639}\ \Phi_{284}\ \Phi_{142}\ \Phi_{71}\ \Phi_9\ \Phi_1$
161028	1967	744	$\frac{2}{93}$	$\frac{1}{8}$	$\frac{91}{372}$	$\frac{1}{3}$	$\Phi_{744}^3\ \Phi_{372}^2\ \Phi_{248}^3\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{93}^3\ \Phi_{62}^2\ \Phi_{31}^3\ \Phi_{24}^4\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
161029	1967	855	$\frac{4}{285}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{855}^3\ \Phi_{285}\ \Phi_{171}^3\ \Phi_{95}\ \Phi_{57}\ \Phi_{45}^2\ \Phi_{19}\ \Phi_{15}\ \Phi_9^3\ \Phi_3\ \Phi_1$
161030	1967	3150	$\frac{1}{70}$	$\frac{69}{350}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{3150}\ \Phi_{1575}\ \Phi_{450}\ \Phi_{350}\ \Phi_{225}\ \Phi_{175}\ \Phi_{50}\ \Phi_{25}\ \Phi_9\ \Phi_1$
161031	1967	1008	$\frac{1}{56}$	$\frac{55}{336}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1008}^3\ \Phi_{504}^2\ \Phi_{336}\ \Phi_{252}^2\ \Phi_{168}\ \Phi_{144}^3\ \Phi_{126}^2\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_{16}\ \Phi_{12}\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
161032	1967	2583	$\frac{6}{287}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2583}\ \Phi_{369}\ \Phi_{287}\ \Phi_{41}\ \Phi_9\ \Phi_1$
161033	1967	288	$\frac{7}{288}$	$\frac{1}{8}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}^7\ \Phi_{72}^6\ \Phi_{48}^7\ \Phi_{36}^6\ \Phi_{32}^7\ \Phi_{24}^7\ \Phi_{18}^6\ \Phi_{16}^7\ \Phi_{12}^7\ \Phi_9^7\ \Phi_8^6\ \Phi_6^7\ \Phi_4^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^7$
161034	1967	2880	$\frac{1}{40}$	$\frac{39}{320}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{576}\ \Phi_{320}\ \Phi_{288}\ \Phi_{160}\ \Phi_{144}\ \Phi_{80}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_9\ \Phi_1$
161035	1967	315	$\frac{1}{35}$	$\frac{34}{315}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{315}^6\ \Phi_{105}^7\ \Phi_{63}^6\ \Phi_{45}^6\ \Phi_{35}^6\ \Phi_{21}^7\ \Phi_{15}^7\ \Phi_9^7\ \Phi_7^6\ \Phi_5^6\ \Phi_3^7\ \Phi_1^7$
161036	1967	2610	$\frac{9}{290}$	$\frac{1}{10}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2610}\ \Phi_{1305}\ \Phi_{522}\ \Phi_{290}\ \Phi_{261}\ \Phi_{145}\ \Phi_{58}\ \Phi_{29}\ \Phi_9\ \Phi_1$
161037	1967	2772	$\frac{1}{28}$	$\frac{27}{308}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{396}\ \Phi_{308}\ \Phi_{198}\ \Phi_{154}\ \Phi_{99}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}\ \Phi_{11}\ \Phi_9\ \Phi_1$
161038	1967	882	$\frac{13}{294}$	$\frac{1}{14}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{882}^3\ \Phi_{441}^3\ \Phi_{294}\ \Phi_{147}\ \Phi_{126}^2\ \Phi_{98}\ \Phi_{63}^2\ \Phi_{49}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}^2\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
161039	1967	900	$\frac{1}{20}$	$\frac{19}{300}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{900}^3\ \Phi_{450}^3\ \Phi_{300}\ \Phi_{225}^3\ \Phi_{180}^2\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}\ \Phi_{25}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{12}\ \Phi_9^3\ \Phi_6\ \Phi_3\ \Phi_1$
161040	1967	1656	$\frac{5}{138}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{133}{414}$	$\Phi_{1656}^2\ \Phi_{828}^2\ \Phi_{414}\ \Phi_{207}\ \Phi_{72}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
161041	1968	1473	$\frac{1}{491}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{245}{491}$	$\Phi_{1473}\ \Phi_{491}^2\ \Phi_3^2\ \Phi_1^4$
161042	1968	1967	$\frac{5}{1967}$	$\frac{493}{1967}$	$\frac{737}{1967}$	$\frac{981}{1967}$	$\Phi_{1967}\ \Phi_{281}\ \Phi_7\ \Phi_1^2$
161043	1968	2955	$\frac{3}{985}$	$\frac{247}{985}$	$\frac{1}{3}$	$\frac{491}{985}$	$\Phi_{2955}\ \Phi_{591}\ \Phi_{15}$
161044	1968	1635	$\frac{1}{327}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{163}{327}$	$\Phi_{1635}\ \Phi_{545}\ \Phi_{327}^2\ \Phi_{109}^2\ \Phi_{15}\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
161045	1968	1308	$\frac{1}{327}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{163}{327}$	$\Phi_{1308}^2\ \Phi_{654}^2\ \Phi_{436}^2\ \Phi_{218}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
161046	1968	281	$\frac{1}{281}$	$\frac{47}{281}$	$\frac{117}{281}$	$\frac{140}{281}$	$\Phi_{281}^7\ \Phi_1^8$
161047	1968	245	$\frac{1}{245}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{122}{245}$	$\Phi_{245}^8\ \Phi_{49}^8\ \Phi_{35}^8\ \Phi_7^9\ \Phi_5^8\ \Phi_1^{10}$
161048	1968	735	$\frac{1}{245}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{122}{245}$	$\Phi_{735}^4\ \Phi_{147}^4\ \Phi_{105}^4\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_3^4$
161049	1968	876	$\frac{1}{219}$	$\frac{1}{4}$	$\frac{55}{219}$	$\frac{109}{219}$	$\Phi_{876}^3\ \Phi_{438}^3\ \Phi_{292}^3\ \Phi_{146}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
161050	1968	1967	$\frac{9}{1967}$	$\frac{247}{1967}$	$\frac{860}{1967}$	$\frac{979}{1967}$	$\Phi_{1967}\ \Phi_{281}\ \Phi_7\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
161051	1968	1967	$\frac{9}{1967}$	$\frac{491}{1967}$	$\frac{494}{1967}$	$\frac{979}{1967}$	$\Phi_{1967}\ \Phi_{281}\ \Phi_7\ \Phi_1^2$
161052	1968	591	$\frac{1}{197}$	$\frac{33}{197}$	$\frac{1}{3}$	$\frac{98}{197}$	$\Phi_{591}^5\ \Phi_3^4$
161053	1968	2465	$\frac{3}{493}$	$\frac{1}{5}$	$\frac{124}{493}$	$\frac{245}{493}$	$\Phi_{2465}\ \Phi_{145}\ \Phi_{85}$
161054	1968	1793	$\frac{1}{163}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{81}{163}$	$\Phi_{1793}\ \Phi_{163}^2\ \Phi_{11}^2\ \Phi_1^4$
161055	1968	3423	$\frac{1}{163}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{81}{163}$	$\Phi_{3423}\ \Phi_{21}^2$
161056	1968	1793	$\frac{1}{163}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{81}{163}$	$\Phi_{1793}\ \Phi_{163}^2\ \Phi_{11}^2\ \Phi_1^4$
161057	1968	3260	$\frac{1}{163}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{81}{163}$	$\Phi_{3260}\ \Phi_{1630}\ \Phi_{20}^2\ \Phi_{10}^2$
161058	1968	1967	$\frac{13}{1967}$	$\frac{165}{1967}$	$\frac{901}{1967}$	$\frac{977}{1967}$	$\Phi_{1967}\ \Phi_{281}\ \Phi_7\ \Phi_1^2$
161059	1968	1967	$\frac{13}{1967}$	$\frac{368}{1967}$	$\frac{495}{1967}$	$\frac{977}{1967}$	$\Phi_{1967}\ \Phi_{281}\ \Phi_7\ \Phi_1^2$
161060	1968	2955	$\frac{7}{985}$	$\frac{124}{985}$	$\frac{1}{3}$	$\frac{489}{985}$	$\Phi_{2955}\ \Phi_{591}\ \Phi_{15}$
161061	1968	651	$\frac{5}{651}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{323}{651}$	$\Phi_{651}^3\ \Phi_{217}^3\ \Phi_{93}^3\ \Phi_{31}^3\ \Phi_{21}^3\ \Phi_7^5\ \Phi_3^3\ \Phi_1^6$
161062	1968	3660	$\frac{1}{122}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{121}{244}$	$\Phi_{3660}\ \Phi_{1220}\ \Phi_{732}\ \Phi_{244}^2\ \Phi_{60}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
161063	1968	2196	$\frac{1}{122}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{121}{244}$	$\Phi_{2196}^2\ \Phi_{732}\ \Phi_{244}^2\ \Phi_{36}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
161064	1968	1220	$\frac{1}{122}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{121}{244}$	$\Phi_{1220}^3\ \Phi_{244}^4\ \Phi_{20}^3\ \Phi_5^3\ \Phi_4^4\ \Phi_1^4$
161065	1968	1967	$\frac{17}{1967}$	$\frac{248}{1967}$	$\frac{573}{1967}$	$\frac{975}{1967}$	$\Phi_{1967}\ \Phi_{281}\ \Phi_7\ \Phi_1^2$
161066	1968	329	$\frac{3}{329}$	$\frac{1}{7}$	$\frac{83}{329}$	$\frac{163}{329}$	$\Phi_{329}^6\ \Phi_{47}^6\ \Phi_7^5\ \Phi_1^6$
161067	1968	1967	$\frac{19}{1967}$	$\frac{331}{1967}$	$\frac{409}{1967}$	$\frac{974}{1967}$	$\Phi_{1967}\ \Phi_{281}\ \Phi_7\ \Phi_1^2$
161068	1968	2465	$\frac{5}{493}$	$\frac{83}{493}$	$\frac{1}{5}$	$\frac{244}{493}$	$\Phi_{2465}\ \Phi_{145}\ \Phi_{85}$
161069	1968	2628	$\frac{7}{657}$	$\frac{83}{657}$	$\frac{1}{4}$	$\frac{325}{657}$	$\Phi_{2628}\ \Phi_{1314}\ \Phi_{876}\ \Phi_{438}\ \Phi_{292}\ \Phi_{146}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
161070	1968	281	$\frac{3}{281}$	$\frac{35}{281}$	$\frac{71}{281}$	$\frac{139}{281}$	$\Phi_{281}^7\ \Phi_1^8$
161071	1968	2955	$\frac{11}{985}$	$\frac{83}{985}$	$\frac{1}{3}$	$\frac{487}{985}$	$\Phi_{2955}\ \Phi_{591}\ \Phi_{15}$
161072	1968	1863	$\frac{1}{81}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{40}{81}$	$\Phi_{1863}\ \Phi_{621}\ \Phi_{207}\ \Phi_{81}^2\ \Phi_{69}\ \Phi_{27}^2\ \Phi_{23}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
161073	1968	1053	$\frac{1}{81}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{40}{81}$	$\Phi_{1053}^2\ \Phi_{351}^2\ \Phi_{117}^2\ \Phi_{39}^3\ \Phi_{13}^2$
161074	1968	1863	$\frac{1}{81}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{40}{81}$	$\Phi_{1863}\ \Phi_{621}\ \Phi_{207}\ \Phi_{81}^2\ \Phi_{69}\ \Phi_{27}^2\ \Phi_{23}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
161075	1968	324	$\frac{1}{81}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{40}{81}$	$\Phi_{324}^8\ \Phi_{162}^8\ \Phi_{108}^8\ \Phi_{54}^8\ \Phi_{36}^9\ \Phi_{18}^9\ \Phi_{12}^9\ \Phi_6^9\ \Phi_4^8\ \Phi_2^8$
161076	1968	1863	$\frac{1}{81}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{40}{81}$	$\Phi_{1863}\ \Phi_{621}\ \Phi_{207}\ \Phi_{81}^2\ \Phi_{69}\ \Phi_{27}^2\ \Phi_{23}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
161077	1968	2835	$\frac{1}{81}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{40}{81}$	$\Phi_{2835}\ \Phi_{945}\ \Phi_{315}\ \Phi_{105}\ \Phi_{35}^2$
161078	1968	1967	$\frac{25}{1967}$	$\frac{83}{1967}$	$\frac{942}{1967}$	$\frac{971}{1967}$	$\Phi_{1967}\ \Phi_{281}\ \Phi_7\ \Phi_1^2$
161079	1968	1460	$\frac{1}{73}$	$\frac{37}{365}$	$\frac{1}{4}$	$\frac{36}{73}$	$\Phi_{1460}^2\ \Phi_{730}^2\ \Phi_{292}\ \Phi_{146}\ \Phi_{20}^2\ \Phi_{10}^2$
161080	1968	1967	$\frac{33}{1967}$	$\frac{125}{1967}$	$\frac{614}{1967}$	$\frac{967}{1967}$	$\Phi_{1967}\ \Phi_{281}\ \Phi_7\ \Phi_1^2$
161081	1968	715	$\frac{1}{55}$	$\frac{1}{13}$	$\frac{14}{55}$	$\frac{27}{55}$	$\Phi_{715}^3\ \Phi_{143}^3\ \Phi_{65}^3\ \Phi_{13}^2$
161082	1968	161	$\frac{3}{161}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{79}{161}$	$\Phi_{161}^{12}\ \Phi_{23}^{12}\ \Phi_7^{17}\ \Phi_1^{18}$
161083	1968	1967	$\frac{37}{1967}$	$\frac{167}{1967}$	$\frac{450}{1967}$	$\frac{965}{1967}$	$\Phi_{1967}\ \Phi_{281}\ \Phi_7\ \Phi_1^2$
161084	1968	2223	$\frac{5}{247}$	$\frac{1}{9}$	$\frac{42}{247}$	$\frac{121}{247}$	$\Phi_{2223}\ \Phi_{741}\ \Phi_{171}\ \Phi_{117}\ \Phi_{57}\ \Phi_{39}$
161085	1968	1967	$\frac{41}{1967}$	$\frac{251}{1967}$	$\frac{286}{1967}$	$\frac{963}{1967}$	$\Phi_{1967}\ \Phi_{281}\ \Phi_7\ \Phi_1^2$
161086	1968	3760	$\frac{1}{47}$	$\frac{1}{40}$	$\frac{39}{80}$	$\frac{23}{47}$	$\Phi_{3760}\ \Phi_{752}\ \Phi_{80}^2\ \Phi_{47}\ \Phi_{16}^2\ \Phi_1^2$
161087	1968	2820	$\frac{1}{47}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{23}{47}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{705}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{60}^2\ \Phi_{47}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
161088	1968	2068	$\frac{1}{47}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{23}{47}$	$\Phi_{2068}\ \Phi_{1034}\ \Phi_{517}\ \Phi_{47}\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_1^2$
161089	1968	2115	$\frac{1}{47}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{23}{47}$	$\Phi_{2115}\ \Phi_{705}\ \Phi_{423}\ \Phi_{141}\ \Phi_{47}\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
161090	1968	2350	$\frac{1}{47}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{23}{47}$	$\Phi_{2350}\ \Phi_{1175}\ \Phi_{50}^2\ \Phi_{47}\ \Phi_{25}^2\ \Phi_1^2$
161091	1968	2256	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{23}{47}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{752}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{48}^2\ \Phi_{47}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
161092	1968	329	$\frac{1}{47}$	$\frac{6}{47}$	$\frac{1}{7}$	$\frac{23}{47}$	$\Phi_{329}^7\ \Phi_7^6$
161093	1968	1967	$\frac{43}{1967}$	$\frac{204}{1967}$	$\frac{335}{1967}$	$\frac{962}{1967}$	$\Phi_{1967}\ \Phi_{281}\ \Phi_7\ \Phi_1^2$
161094	1968	2465	$\frac{11}{493}$	$\frac{42}{493}$	$\frac{1}{5}$	$\frac{241}{493}$	$\Phi_{2465}\ \Phi_{145}\ \Phi_{85}$
161095	1968	876	$\frac{5}{219}$	$\frac{14}{219}$	$\frac{1}{4}$	$\frac{107}{219}$	$\Phi_{876}^3\ \Phi_{438}^3\ \Phi_{292}^3\ \Phi_{146}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
161096	1968	1967	$\frac{45}{1967}$	$\frac{122}{1967}$	$\frac{503}{1967}$	$\frac{961}{1967}$	$\Phi_{1967}\ \Phi_{281}\ \Phi_7\ \Phi_1^2$
161097	1968	2955	$\frac{23}{985}$	$\frac{42}{985}$	$\frac{1}{3}$	$\frac{481}{985}$	$\Phi_{2955}\ \Phi_{591}\ \Phi_{15}$
161098	1968	1200	$\frac{1}{40}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{1200}^5\ \Phi_{240}^4\ \Phi_{75}\ \Phi_{48}^4\ \Phi_{15}$
161099	1968	3760	$\frac{1}{40}$	$\frac{2}{47}$	$\frac{15}{47}$	$\frac{39}{80}$	$\Phi_{3760}\ \Phi_{752}\ \Phi_{80}^2\ \Phi_{47}\ \Phi_{16}^2\ \Phi_1^2$
161100	1968	1360	$\frac{1}{40}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{39}{80}$	$\Phi_{1360}^3\ \Phi_{272}^3\ \Phi_{68}\ \Phi_{34}$
161101	1968	3760	$\frac{1}{40}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{39}{80}$	$\Phi_{3760}\ \Phi_{752}\ \Phi_{80}^2\ \Phi_{47}\ \Phi_{16}^2\ \Phi_1^2$
161102	1968	1040	$\frac{1}{40}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{39}{80}$	$\Phi_{1040}^4\ \Phi_{208}^4\ \Phi_{65}$
161103	1968	3760	$\frac{1}{40}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{39}{80}$	$\Phi_{3760}\ \Phi_{752}\ \Phi_{80}^2\ \Phi_{47}\ \Phi_{16}^2\ \Phi_1^2$
161104	1968	5040	$\frac{1}{40}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{39}{80}$	$\Phi_{5040}\ \Phi_{1680}\ \Phi_{1008}\ \Phi_{336}\ \Phi_{63}\ \Phi_{21}$
161105	1968	1287	$\frac{1}{33}$	$\frac{1}{13}$	$\frac{17}{99}$	$\frac{16}{33}$	$\Phi_{1287}^2\ \Phi_{429}\ \Phi_{143}\ \Phi_{117}^2\ \Phi_{39}$
161106	1968	1190	$\frac{4}{119}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{115}{238}$	$\Phi_{1190}^4\ \Phi_{170}^4\ \Phi_{85}\ \Phi_{70}^4\ \Phi_{10}^4$
161107	1968	435	$\frac{1}{29}$	$\frac{5}{87}$	$\frac{1}{5}$	$\frac{14}{29}$	$\Phi_{435}^6\ \Phi_{145}^5\ \Phi_{15}^6\ \Phi_5^4$
161108	1968	966	$\frac{1}{42}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{138}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{42}^4\ \Phi_{23}^2\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
161109	1968	1242	$\frac{1}{27}$	$\frac{1}{23}$	$\frac{13}{54}$	$\frac{11}{23}$	$\Phi_{1242}^2\ \Phi_{621}\ \Phi_{414}^2\ \Phi_{207}\ \Phi_{138}^2\ \Phi_{69}\ \Phi_{54}^4\ \Phi_{46}^2\ \Phi_{27}^2\ \Phi_{23}^2\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
161110	1968	1035	$\frac{1}{23}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{11}{23}$	$\Phi_{1035}^2\ \Phi_{345}^2\ \Phi_{207}\ \Phi_{115}^2\ \Phi_{69}\ \Phi_{45}^4\ \Phi_{23}^2\ \Phi_{15}^4\ \Phi_9^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
161111	1968	3822	$\frac{1}{49}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{3822}\ \Phi_{1274}\ \Phi_{546}\ \Phi_{294}\ \Phi_{182}\ \Phi_{147}\ \Phi_{98}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
161112	1968	234	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{37}{78}$	$\Phi_{234}^{18}\ \Phi_{117}\ \Phi_{78}^{12}\ \Phi_{39}\ \Phi_{26}^{12}\ \Phi_{18}^{18}\ \Phi_6^{12}\ \Phi_2^{12}$
161113	1968	1197	$\frac{1}{19}$	$\frac{10}{133}$	$\frac{1}{9}$	$\frac{9}{19}$	$\Phi_{1197}^2\ \Phi_{399}^2\ \Phi_{171}\ \Phi_{63}^2\ \Phi_{57}\ \Phi_{21}^2$
161114	1968	85	$\frac{3}{85}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{85}^{23}\ \Phi_{17}^{24}\ \Phi_5^{22}\ \Phi_1^{24}$
161115	1968	1160	$\frac{1}{29}$	$\frac{7}{116}$	$\frac{1}{5}$	$\frac{109}{232}$	$\Phi_{1160}^4\ \Phi_{145}\ \Phi_{40}^4$
161116	1968	294	$\frac{1}{42}$	$\frac{3}{49}$	$\frac{13}{49}$	$\frac{23}{49}$	$\Phi_{294}^7\ \Phi_{147}^7\ \Phi_{98}^7\ \Phi_{49}^6\ \Phi_{42}^6\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
161117	1968	1001	$\frac{5}{77}$	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{36}{77}$	$\Phi_{1001}^2\ \Phi_{143}^3\ \Phi_{91}^2\ \Phi_{13}^2$
161118	1968	915	$\frac{1}{61}$	$\frac{1}{15}$	$\frac{20}{61}$	$\frac{7}{15}$	$\Phi_{915}^2\ \Phi_{305}^2\ \Phi_{183}^2\ \Phi_{61}^4\ \Phi_{15}^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^6$
161119	1968	420	$\frac{1}{42}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{420}^6\ \Phi_{210}^3\ \Phi_{140}^6\ \Phi_{105}^3\ \Phi_{84}^8\ \Phi_{70}^3\ \Phi_{60}^5\ \Phi_{42}^4\ \Phi_{35}^3\ \Phi_{30}^2\ \Phi_{28}^8\ \Phi_{21}^4\ \Phi_{20}^5\ \Phi_{15}^3\ \Phi_{14}^4\ \Phi_{12}^7\ \Phi_{10}^2\ \Phi_7^4\ \Phi_6^3\ \Phi_5^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
161120	1968	585	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{4}{45}$	$\frac{7}{15}$	$\Phi_{585}^4\ \Phi_{195}^3\ \Phi_{117}^4\ \Phi_{65}^3\ \Phi_{39}^3\ \Phi_{13}^2$
161121	1968	392	$\frac{1}{49}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{392}^7\ \Phi_{98}^7\ \Phi_{56}^6\ \Phi_{49}^6\ \Phi_{14}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
161122	1968	1170	$\frac{7}{130}$	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{6}{13}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{390}^2\ \Phi_{234}^2\ \Phi_{195}^2\ \Phi_{117}\ \Phi_{90}^2\ \Phi_{78}^2\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_6^2$
161123	1968	684	$\frac{1}{19}$	$\frac{3}{38}$	$\frac{1}{9}$	$\frac{35}{76}$	$\Phi_{684}^6\ \Phi_{228}^6\ \Phi_{171}\ \Phi_{57}\ \Phi_{36}^6\ \Phi_{12}^6$
161124	1968	281	$\frac{5}{281}$	$\frac{23}{281}$	$\frac{76}{281}$	$\frac{129}{281}$	$\Phi_{281}^7\ \Phi_1^8$
161125	1968	2955	$\frac{13}{985}$	$\frac{81}{985}$	$\frac{1}{3}$	$\frac{452}{985}$	$\Phi_{2955}\ \Phi_{591}\ \Phi_{15}$
161126	1968	1967	$\frac{26}{1967}$	$\frac{165}{1967}$	$\frac{647}{1967}$	$\frac{901}{1967}$	$\Phi_{1967}\ \Phi_{281}\ \Phi_7\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
161127	1968	2739	$\frac{1}{83}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{2739}\ \Phi_{249}^2$
161128	1968	1793	$\frac{3}{163}$	$\frac{1}{11}$	$\frac{40}{163}$	$\frac{5}{11}$	$\Phi_{1793}\ \Phi_{163}^2\ \Phi_{11}^2\ \Phi_1^4$
161129	1968	2310	$\frac{1}{42}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{330}\ \Phi_{210}^2\ \Phi_{165}\ \Phi_{110}\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2$
161130	1968	572	$\frac{3}{44}$	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{572}^4\ \Phi_{286}^4\ \Phi_{143}^3\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{13}^2$
161131	1968	975	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{7}{75}$	$\frac{34}{75}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{195}^3\ \Phi_{65}^3\ \Phi_{39}^3\ \Phi_{13}^2$
161132	1968	294	$\frac{1}{42}$	$\frac{5}{49}$	$\frac{9}{49}$	$\frac{22}{49}$	$\Phi_{294}^7\ \Phi_{147}^7\ \Phi_{98}^7\ \Phi_{49}^6\ \Phi_{42}^6\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_7^5\ \Phi_6^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
161133	1968	1332	$\frac{5}{333}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1332}^2\ \Phi_{666}^2\ \Phi_{444}^2\ \Phi_{222}^2\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
161134	1968	2075	$\frac{1}{83}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{2075}\ \Phi_{415}$
161135	1968	1967	$\frac{39}{1967}$	$\frac{241}{1967}$	$\frac{368}{1967}$	$\frac{863}{1967}$	$\Phi_{1967}\ \Phi_{281}\ \Phi_7\ \Phi_1^2$
161136	1968	292	$\frac{1}{73}$	$\frac{9}{73}$	$\frac{1}{4}$	$\frac{32}{73}$	$\Phi_{292}^9\ \Phi_{146}^9\ \Phi_4^8\ \Phi_2^8$
161137	1968	1967	$\frac{27}{1967}$	$\frac{247}{1967}$	$\frac{485}{1967}$	$\frac{860}{1967}$	$\Phi_{1967}\ \Phi_{281}\ \Phi_7\ \Phi_1^2$
161138	1968	3528	$\frac{1}{49}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{392}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{98}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
161139	1968	2604	$\frac{1}{124}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{2604}\ \Phi_{1302}\ \Phi_{651}\ \Phi_{372}^2\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_6^2$
161140	1968	245	$\frac{2}{245}$	$\frac{1}{7}$	$\frac{81}{245}$	$\frac{3}{7}$	$\Phi_{245}^8\ \Phi_{49}^8\ \Phi_{35}^8\ \Phi_7^9\ \Phi_5^8\ \Phi_1^{10}$
161141	1968	497	$\frac{5}{497}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{497}^4\ \Phi_{71}^4\ \Phi_7\ \Phi_1^2$
161142	1968	2324	$\frac{1}{83}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{2324}\ \Phi_{1162}\ \Phi_{332}^2\ \Phi_{166}^2$
161143	1968	875	$\frac{2}{125}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{875}^2\ \Phi_{175}^2\ \Phi_{125}^4\ \Phi_{35}\ \Phi_{25}^4\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
161144	1968	1225	$\frac{4}{245}$	$\frac{1}{7}$	$\frac{241}{1225}$	$\frac{3}{7}$	$\Phi_{1225}^2\ \Phi_{175}^2\ \Phi_{25}^2\ \Phi_7\ \Phi_1^2$
161145	1968	49	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{8}{49}$	$\frac{3}{7}$	$\Phi_{49}^{40}\ \Phi_7^{41}\ \Phi_1^{42}$
161146	1968	42	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{42}^{48}\ \Phi_{21}^{48}\ \Phi_{14}^{48}\ \Phi_7^{41}\ \Phi_6^{48}\ \Phi_3^{48}\ \Phi_2^{48}\ \Phi_1^{42}$
161147	1968	140	$\frac{1}{35}$	$\frac{17}{140}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{140}^{16}\ \Phi_{70}^{16}\ \Phi_{35}^8\ \Phi_{28}^{16}\ \Phi_{20}^{16}\ \Phi_{14}^{16}\ \Phi_{10}^{16}\ \Phi_7^9\ \Phi_5^8\ \Phi_4^{16}\ \Phi_2^{16}\ \Phi_1^{10}$
161148	1968	1015	$\frac{31}{1015}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1015}^2\ \Phi_{203}^2\ \Phi_{145}^2\ \Phi_{29}^2\ \Phi_7\ \Phi_1^2$
161149	1968	539	$\frac{2}{49}$	$\frac{47}{539}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{539}^4\ \Phi_{77}^4\ \Phi_{11}^4\ \Phi_7\ \Phi_1^2$
161150	1968	343	$\frac{15}{343}$	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{343}^6\ \Phi_{49}^4\ \Phi_7^5\ \Phi_1^6$
161151	1968	175	$\frac{2}{35}$	$\frac{11}{175}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{175}^{12}\ \Phi_{35}^8\ \Phi_{25}^{12}\ \Phi_7^9\ \Phi_5^8\ \Phi_1^{10}$
161152	1968	987	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{23}{141}$	$\frac{59}{141}$	$\Phi_{987}^2\ \Phi_{329}^3\ \Phi_{21}^2\ \Phi_7^2$
161153	1968	1967	$\frac{41}{1967}$	$\frac{286}{1967}$	$\frac{321}{1967}$	$\frac{823}{1967}$	$\Phi_{1967}\ \Phi_{281}\ \Phi_7\ \Phi_1^2$
161154	1968	2465	$\frac{7}{493}$	$\frac{81}{493}$	$\frac{1}{5}$	$\frac{206}{493}$	$\Phi_{2465}\ \Phi_{145}\ \Phi_{85}$
161155	1968	1967	$\frac{17}{1967}$	$\frac{325}{1967}$	$\frac{573}{1967}$	$\frac{821}{1967}$	$\Phi_{1967}\ \Phi_{281}\ \Phi_7\ \Phi_1^2$
161156	1968	2955	$\frac{7}{985}$	$\frac{163}{985}$	$\frac{1}{3}$	$\frac{411}{985}$	$\Phi_{2955}\ \Phi_{591}\ \Phi_{15}$
161157	1968	2352	$\frac{1}{49}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{784}\ \Phi_{392}\ \Phi_{336}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{112}\ \Phi_{98}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
161158	1968	281	$\frac{2}{281}$	$\frac{47}{281}$	$\frac{93}{281}$	$\frac{117}{281}$	$\Phi_{281}^7\ \Phi_1^8$
161159	1968	281	$\frac{5}{281}$	$\frac{46}{281}$	$\frac{47}{281}$	$\frac{117}{281}$	$\Phi_{281}^7\ \Phi_1^8$
161160	1968	490	$\frac{1}{49}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{490}^7\ \Phi_{98}^7\ \Phi_{70}^6\ \Phi_{49}^6\ \Phi_{14}^6\ \Phi_{10}^6\ \Phi_7^5\ \Phi_2^6\ \Phi_1^6$
161161	1968	2108	$\frac{1}{124}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{2108}\ \Phi_{1054}\ \Phi_{527}\ \Phi_{68}\ \Phi_{34}$
161162	1968	1645	$\frac{6}{329}$	$\frac{1}{7}$	$\frac{323}{1645}$	$\frac{661}{1645}$	$\Phi_{1645}\ \Phi_{329}^2\ \Phi_{235}\ \Phi_{47}^2\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
161163	1968	165	$\frac{1}{165}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{165}^{12}\ \Phi_{55}^{12}\ \Phi_{33}^{12}\ \Phi_{15}^{11}\ \Phi_{11}^{12}\ \Phi_5^{12}\ \Phi_3^{10}\ \Phi_1^{12}$
161164	1968	545	$\frac{1}{109}$	$\frac{1}{5}$	$\frac{27}{109}$	$\frac{2}{5}$	$\Phi_{545}^3\ \Phi_{109}^6\ \Phi_5^4\ \Phi_1^8$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
161165	1968	415	$\frac{1}{83}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{415}^{5}\ \Phi_{83}^{4}$
161166	1968	1635	$\frac{7}{327}$	$\frac{40}{327}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1635}\ \Phi_{545}\ \Phi_{327}^{2}\ \Phi_{109}^{2}\ \Phi_{15}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
161167	1968	630	$\frac{1}{42}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{210}^{2}\ \Phi_{126}^{6}\ \Phi_{105}^{2}\ \Phi_{90}^{3}\ \Phi_{70}^{2}\ \Phi_{63}^{6}\ \Phi_{45}^{2}\ \Phi_{42}^{4}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{21}^{4}\ \Phi_{18}^{6}\ \Phi_{15}\ \Phi_{14}^{4}\ \Phi_{10}^{2}\ \Phi_{9}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
161168	1968	1105	$\frac{3}{85}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1105}^{2}\ \Phi_{221}^{2}\ \Phi_{65}$
161169	1968	1967	$\frac{29}{1967}$	$\frac{323}{1967}$	$\frac{411}{1967}$	$\frac{778}{1967}$	$\Phi_{1967}\ \Phi_{281}\ \Phi_{7}\ \Phi_{1}^{2}$
161170	1968	294	$\frac{1}{42}$	$\frac{5}{49}$	$\frac{11}{49}$	$\frac{19}{49}$	$\Phi_{294}^{7}\ \Phi_{147}^{7}\ \Phi_{98}^{7}\ \Phi_{49}^{6}\ \Phi_{42}^{6}\ \Phi_{21}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
161171	1968	2145	$\frac{1}{165}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{429}\ \Phi_{195}\ \Phi_{143}\ \Phi_{65}\ \Phi_{39}$
161172	1968	858	$\frac{1}{33}$	$\frac{1}{13}$	$\frac{8}{33}$	$\frac{25}{66}$	$\Phi_{858}^{4}\ \Phi_{429}\ \Phi_{286}^{4}\ \Phi_{143}\ \Phi_{78}^{4}\ \Phi_{39}\ \Phi_{26}^{4}$
161173	1968	1967	$\frac{43}{1967}$	$\frac{204}{1967}$	$\frac{481}{1967}$	$\frac{743}{1967}$	$\Phi_{1967}\ \Phi_{281}\ \Phi_{7}\ \Phi_{1}^{2}$
161174	1968	329	$\frac{5}{329}$	$\frac{1}{7}$	$\frac{81}{329}$	$\frac{124}{329}$	$\Phi_{329}^{6}\ \Phi_{47}^{6}\ \Phi_{7}^{5}\ \Phi_{1}^{6}$
161175	1968	1967	$\frac{19}{1967}$	$\frac{409}{1967}$	$\frac{487}{1967}$	$\frac{740}{1967}$	$\Phi_{1967}\ \Phi_{281}\ \Phi_{7}\ \Phi_{1}^{2}$
161176	1968	2628	$\frac{5}{657}$	$\frac{163}{657}$	$\frac{1}{4}$	$\frac{247}{657}$	$\Phi_{2628}\ \Phi_{1314}\ \Phi_{876}\ \Phi_{438}\ \Phi_{292}\ \Phi_{146}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
161177	1968	1967	$\frac{11}{1967}$	$\frac{489}{1967}$	$\frac{614}{1967}$	$\frac{739}{1967}$	$\Phi_{1967}\ \Phi_{281}\ \Phi_{7}\ \Phi_{1}^{2}$
161178	1968	591	$\frac{1}{197}$	$\frac{49}{197}$	$\frac{1}{3}$	$\frac{74}{197}$	$\Phi_{591}^{5}\ \Phi_{3}^{4}$
161179	1968	2176	$\frac{5}{128}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{544}\ \Phi_{272}\ \Phi_{68}\ \Phi_{34}$
161180	1968	1967	$\frac{15}{1967}$	$\frac{488}{1967}$	$\frac{493}{1967}$	$\frac{737}{1967}$	$\Phi_{1967}\ \Phi_{281}\ \Phi_{7}\ \Phi_{1}^{2}$
161181	1968	2075	$\frac{1}{83}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{2075}\ \Phi_{415}$
161182	1968	1967	$\frac{31}{1967}$	$\frac{242}{1967}$	$\frac{575}{1967}$	$\frac{696}{1967}$	$\Phi_{1967}\ \Phi_{281}\ \Phi_{7}\ \Phi_{1}^{2}$
161183	1968	294	$\frac{1}{42}$	$\frac{4}{49}$	$\frac{15}{49}$	$\frac{17}{49}$	$\Phi_{294}^{7}\ \Phi_{147}^{7}\ \Phi_{98}^{7}\ \Phi_{49}^{6}\ \Phi_{42}^{6}\ \Phi_{21}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
161184	1968	1054	$\frac{1}{31}$	$\frac{1}{17}$	$\frac{10}{31}$	$\frac{21}{62}$	$\Phi_{1054}^{3}\ \Phi_{527}\ \Phi_{34}^{3}$
161185	1968	1967	$\frac{44}{1967}$	$\frac{163}{1967}$	$\frac{641}{1967}$	$\frac{663}{1967}$	$\Phi_{1967}\ \Phi_{281}\ \Phi_{7}\ \Phi_{1}^{2}$
161186	1968	2223	$\frac{4}{247}$	$\frac{1}{9}$	$\frac{81}{247}$	$\frac{83}{247}$	$\Phi_{2223}\ \Phi_{741}\ \Phi_{171}\ \Phi_{117}\ \Phi_{57}\ \Phi_{39}$
161187	1968	1967	$\frac{20}{1967}$	$\frac{327}{1967}$	$\frac{649}{1967}$	$\frac{659}{1967}$	$\Phi_{1967}\ \Phi_{281}\ \Phi_{7}\ \Phi_{1}^{2}$
161188	1968	2465	$\frac{4}{493}$	$\frac{1}{5}$	$\frac{163}{493}$	$\frac{165}{493}$	$\Phi_{2465}\ \Phi_{145}\ \Phi_{85}$
161189	1968	1967	$\frac{8}{1967}$	$\frac{653}{1967}$	$\frac{655}{1967}$	$\frac{657}{1967}$	$\Phi_{1967}\ \Phi_{281}\ \Phi_{7}\ \Phi_{1}^{2}$
161190	1968	2955	$\frac{4}{985}$	$\frac{327}{985}$	$\frac{1}{3}$	$\frac{329}{985}$	$\Phi_{2955}\ \Phi_{591}\ \Phi_{15}$
161191	1968	741	$\frac{1}{247}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{741}^{3}\ \Phi_{247}^{2}\ \Phi_{57}^{3}\ \Phi_{39}^{3}\ \Phi_{19}^{2}\ \Phi_{13}^{2}$
161192	1968	1473	$\frac{2}{491}$	$\frac{163}{491}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1473}\ \Phi_{491}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
161193	1968	660	$\frac{1}{165}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{660}^{4}\ \Phi_{330}^{4}\ \Phi_{220}^{4}\ \Phi_{132}^{4}\ \Phi_{110}^{4}\ \Phi_{66}^{4}\ \Phi_{60}^{4}\ \Phi_{44}^{4}\ \Phi_{30}^{4}\ \Phi_{22}^{4}\ \Phi_{20}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{4}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
161194	1968	1473	$\frac{3}{491}$	$\frac{122}{491}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1473}\ \Phi_{491}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
161195	1968	1860	$\frac{1}{124}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}^{2}\ \Phi_{465}\ \Phi_{310}^{2}\ \Phi_{155}^{2}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
161196	1968	1473	$\frac{5}{491}$	$\frac{81}{491}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1473}\ \Phi_{491}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
161197	1968	1743	$\frac{1}{83}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1743}\ \Phi_{581}^{2}$
161198	1968	1473	$\frac{11}{491}$	$\frac{40}{491}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1473}\ \Phi_{491}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
161199	1968	546	$\frac{1}{42}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{546}^{4}\ \Phi_{273}^{4}\ \Phi_{182}^{4}\ \Phi_{91}^{4}\ \Phi_{78}^{4}\ \Phi_{39}^{3}\ \Phi_{26}^{4}\ \Phi_{13}^{2}$
161200	1968	3924	$\frac{2}{327}$	$\frac{1}{4}$	$\frac{325}{981}$	$\frac{1}{3}$	$\Phi_{3924}\ \Phi_{1962}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
161201	1968	735	$\frac{2}{245}$	$\frac{1}{5}$	$\frac{81}{245}$	$\frac{1}{3}$	$\Phi_{735}^{4}\ \Phi_{147}^{4}\ \Phi_{105}^{4}\ \Phi_{21}^{4}\ \Phi_{15}^{5}\ \Phi_{3}^{4}$
161202	1968	591	$\frac{2}{197}$	$\frac{33}{197}$	$\frac{65}{197}$	$\frac{1}{3}$	$\Phi_{591}^{5}\ \Phi_{3}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
161203	1968	549	$\frac{1}{61}$	$\frac{1}{9}$	$\frac{20}{61}$	$\frac{1}{3}$	$\Phi_{549}^4\ \Phi_{183}^2\ \Phi_{61}^4\ \Phi_9^6\ \Phi_3^3\ \Phi_1^6$
161204	1968	2955	$\frac{22}{985}$	$\frac{83}{985}$	$\frac{321}{985}$	$\frac{1}{3}$	$\Phi_{2955}\ \Phi_{591}\ \Phi_{15}$
161205	1968	3159	$\frac{2}{81}$	$\frac{1}{13}$	$\frac{79}{243}$	$\frac{1}{3}$	$\Phi_{3159}\ \Phi_{39}$
161206	1968	300	$\frac{1}{25}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{1}{3}$	$\Phi_{300}^5\ \Phi_{150}^5\ \Phi_{100}^{10}\ \Phi_{75}^6\ \Phi_{60}^4\ \Phi_{50}^{10}\ \Phi_{30}^4\ \Phi_{25}^{10}\ \Phi_{20}^8\ \Phi_{15}^5\ \Phi_{12}^4\ \Phi_{10}^8\ \Phi_6^4\ \Phi_5^8\ \Phi_4^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
161207	1968	966	$\frac{1}{42}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{1}{3}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{138}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{42}^4\ \Phi_{23}^2\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
161208	1968	2955	$\frac{17}{985}$	$\frac{121}{985}$	$\frac{288}{985}$	$\frac{1}{3}$	$\Phi_{2955}\ \Phi_{591}\ \Phi_{15}$
161209	1968	2739	$\frac{1}{83}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{2739}\ \Phi_{249}^2$
161210	1968	2955	$\frac{9}{985}$	$\frac{244}{985}$	$\frac{247}{985}$	$\frac{1}{3}$	$\Phi_{2955}\ \Phi_{591}\ \Phi_{15}$
161211	1968	1308	$\frac{1}{109}$	$\frac{27}{109}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1308}^3\ \Phi_{654}^3\ \Phi_{12}^4\ \Phi_6^4$
161212	1968	4980	$\frac{1}{83}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{4980}\ \Phi_{2490}$
161213	1968	1308	$\frac{7}{327}$	$\frac{40}{327}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1308}^2\ \Phi_{654}^2\ \Phi_{436}^2\ \Phi_{218}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_2^2$
161214	1968	252	$\frac{1}{42}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^{12}\ \Phi_{126}^6\ \Phi_{84}^8\ \Phi_{63}^6\ \Phi_{42}^4\ \Phi_{36}^{10}\ \Phi_{28}^8\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^7\ \Phi_9^6\ \Phi_7^4\ \Phi_6^3\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
161215	1968	3300	$\frac{1}{25}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{825}\ \Phi_{660}\ \Phi_{330}\ \Phi_{165}\ \Phi_{75}\ \Phi_{15}$
161216	1968	3423	$\frac{3}{163}$	$\frac{1}{7}$	$\frac{40}{163}$	$\frac{1}{3}$	$\Phi_{3423}\ \Phi_{21}^2$
161217	1968	2955	$\frac{21}{985}$	$\frac{124}{985}$	$\frac{241}{985}$	$\frac{1}{3}$	$\Phi_{2955}\ \Phi_{591}\ \Phi_{15}$
161218	1968	702	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{13}{54}$	$\frac{1}{3}$	$\Phi_{702}^4\ \Phi_{351}^2\ \Phi_{234}^4\ \Phi_{117}^2\ \Phi_{78}^4\ \Phi_{39}^3\ \Phi_{26}^4\ \Phi_{13}^2$
161219	1968	2223	$\frac{7}{171}$	$\frac{1}{13}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2223}\ \Phi_{741}\ \Phi_{247}\ \Phi_{39}$
161220	1968	966	$\frac{1}{42}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{3}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{138}^2\ \Phi_{69}\ \Phi_{46}^2\ \Phi_{42}^4\ \Phi_{23}^2\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_7^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
161221	1968	2955	$\frac{19}{985}$	$\frac{161}{985}$	$\frac{206}{985}$	$\frac{1}{3}$	$\Phi_{2955}\ \Phi_{591}\ \Phi_{15}$
161222	1968	375	$\frac{2}{125}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{375}^8\ \Phi_{75}^8\ \Phi_{15}^5\ \Phi_3^4$
161223	1968	3675	$\frac{4}{245}$	$\frac{241}{1225}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3675}\ \Phi_{525}\ \Phi_{75}\ \Phi_{15}$
161224	1968	735	$\frac{1}{49}$	$\frac{8}{49}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{735}^5\ \Phi_{105}^5\ \Phi_{15}^6$
161225	1968	210	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{210}^{12}\ \Phi_{105}^{11}\ \Phi_{70}^{12}\ \Phi_{35}^{12}\ \Phi_{30}^{12}\ \Phi_{15}^{12}\ \Phi_{10}^{12}\ \Phi_5^{12}$
161226	1968	420	$\frac{1}{35}$	$\frac{17}{140}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{420}^8\ \Phi_{210}^8\ \Phi_{105}^4\ \Phi_{84}^8\ \Phi_{60}^8\ \Phi_{42}^8\ \Phi_{30}^8\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_{12}^8\ \Phi_6^8\ \Phi_3^4$
161227	1968	3045	$\frac{31}{1015}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3045}\ \Phi_{609}\ \Phi_{435}\ \Phi_{87}\ \Phi_{15}$
161228	1968	225	$\frac{1}{25}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{225}^{10}\ \Phi_{75}^6\ \Phi_{45}^8\ \Phi_{25}^{10}\ \Phi_{15}^5\ \Phi_9^8\ \Phi_5^8\ \Phi_3^4\ \Phi_1^8$
161229	1968	525	$\frac{2}{35}$	$\frac{11}{175}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{525}^6\ \Phi_{105}^4\ \Phi_{75}^6\ \Phi_{21}^4\ \Phi_{15}^5\ \Phi_3^4$
161230	1968	150	$\frac{1}{25}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{3}$	$\Phi_{150}^{19}\ \Phi_{75}^{20}\ \Phi_{30}^{20}\ \Phi_{15}^{21}\ \Phi_6^{20}\ \Phi_3^{20}$
161231	1968	591	$\frac{5}{197}$	$\frac{32}{197}$	$\frac{33}{197}$	$\frac{1}{3}$	$\Phi_{591}^5\ \Phi_3^4$
161232	1968	1200	$\frac{1}{25}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{3}$	$\Phi_{1200}^2\ \Phi_{600}\ \Phi_{400}^2\ \Phi_{300}\ \Phi_{240}^2\ \Phi_{200}^2\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}^2\ \Phi_{80}^2\ \Phi_{75}^2\ \Phi_{60}\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2$
161233	1968	2457	$\frac{2}{27}$	$\frac{1}{13}$	$\frac{25}{189}$	$\frac{1}{3}$	$\Phi_{2457}\ \Phi_{819}\ \Phi_{273}\ \Phi_{91}\ \Phi_{39}$
161234	1968	585	$\frac{1}{13}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{585}^4\ \Phi_{195}^4\ \Phi_{117}^2\ \Phi_{65}^4\ \Phi_{39}^3\ \Phi_{13}^2$
161235	1968	305	$\frac{1}{61}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{20}{61}$	$\Phi_{305}^6\ \Phi_{61}^8\ \Phi_5^9\ \Phi_1^{12}$
161236	1968	1967	$\frac{38}{1967}$	$\frac{331}{1967}$	$\frac{409}{1967}$	$\frac{643}{1967}$	$\Phi_{1967}\ \Phi_{281}\ \Phi_7\ \Phi_1^2$
161237	1968	2465	$\frac{10}{493}$	$\frac{83}{493}$	$\frac{1}{5}$	$\frac{161}{493}$	$\Phi_{2465}\ \Phi_{145}\ \Phi_{85}$
161238	1968	2961	$\frac{1}{47}$	$\frac{1}{7}$	$\frac{95}{423}$	$\frac{46}{141}$	$\Phi_{2961}\ \Phi_{329}\ \Phi_{63}$
161239	1968	972	$\frac{2}{81}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{79}{243}$	$\Phi_{972}^4\ \Phi_{486}^4\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
161240	1968	483	$\frac{6}{161}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{155}{483}$	$\Phi_{483}^{6}\ \Phi_{69}^{6}\ \Phi_{21}^{6}\ \Phi_{7}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
161241	1968	2820	$\frac{2}{47}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{15}{47}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{705}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{60}^{2}\ \Phi_{47}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
161242	1968	2068	$\frac{2}{47}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{15}{47}$	$\Phi_{2068}\ \Phi_{1034}\ \Phi_{517}\ \Phi_{47}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
161243	1968	2115	$\frac{2}{47}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{15}{47}$	$\Phi_{2115}\ \Phi_{705}\ \Phi_{423}\ \Phi_{141}\ \Phi_{47}\ \Phi_{45}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
161244	1968	2350	$\frac{2}{47}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{15}{47}$	$\Phi_{2350}\ \Phi_{1175}\ \Phi_{50}^{2}\ \Phi_{47}\ \Phi_{25}^{2}\ \Phi_{1}^{2}$
161245	1968	2256	$\frac{2}{47}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{15}{47}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{752}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{48}^{2}\ \Phi_{47}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
161246	1968	1020	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{19}{60}$	$\Phi_{1020}^{3}\ \Phi_{510}^{3}\ \Phi_{255}^{3}\ \Phi_{204}^{3}\ \Phi_{102}^{3}\ \Phi_{68}\ \Phi_{51}^{3}\ \Phi_{34}$
161247	1968	2820	$\frac{1}{20}$	$\frac{3}{47}$	$\frac{11}{47}$	$\frac{19}{60}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{705}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{60}^{2}\ \Phi_{47}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
161248	1968	780	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{19}{60}$	$\Phi_{780}^{4}\ \Phi_{390}^{4}\ \Phi_{195}^{4}\ \Phi_{156}^{4}\ \Phi_{78}^{4}\ \Phi_{65}\ \Phi_{39}^{4}$
161249	1968	2820	$\frac{1}{20}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{19}{60}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{705}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{60}^{2}\ \Phi_{47}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
161250	1968	1260	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{19}{60}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{420}\ \Phi_{315}^{2}\ \Phi_{252}^{2}\ \Phi_{210}\ \Phi_{140}^{2}\ \Phi_{126}^{2}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}^{2}\ \Phi_{63}^{3}\ \Phi_{42}\ \Phi_{35}^{2}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}$
161251	1968	855	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{13}{95}$	$\frac{6}{19}$	$\Phi_{855}^{3}\ \Phi_{285}^{3}\ \Phi_{171}\ \Phi_{57}\ \Phi_{45}^{3}\ \Phi_{15}^{3}$
161252	1968	595	$\frac{1}{17}$	$\frac{8}{119}$	$\frac{1}{5}$	$\frac{37}{119}$	$\Phi_{595}^{4}\ \Phi_{85}^{5}\ \Phi_{35}^{4}\ \Phi_{5}^{4}$
161253	1968	435	$\frac{5}{87}$	$\frac{2}{29}$	$\frac{1}{5}$	$\frac{9}{29}$	$\Phi_{435}^{6}\ \Phi_{145}^{5}\ \Phi_{15}^{6}\ \Phi_{5}^{4}$
161254	1968	819	$\frac{1}{13}$	$\frac{9}{91}$	$\frac{1}{9}$	$\frac{4}{13}$	$\Phi_{819}^{3}\ \Phi_{273}^{3}\ \Phi_{117}\ \Phi_{63}^{3}\ \Phi_{39}\ \Phi_{21}^{3}$
161255	1968	1242	$\frac{1}{27}$	$\frac{2}{23}$	$\frac{13}{54}$	$\frac{7}{23}$	$\Phi_{1242}^{2}\ \Phi_{621}\ \Phi_{414}^{2}\ \Phi_{207}\ \Phi_{138}^{2}\ \Phi_{69}\ \Phi_{54}^{4}\ \Phi_{46}^{2}\ \Phi_{27}^{2}\ \Phi_{23}^{2}\ \Phi_{18}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
161256	1968	1035	$\frac{2}{23}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{7}{23}$	$\Phi_{1035}^{2}\ \Phi_{345}^{2}\ \Phi_{207}\ \Phi_{115}^{2}\ \Phi_{69}\ \Phi_{45}^{4}\ \Phi_{23}^{2}\ \Phi_{15}^{4}\ \Phi_{9}^{2}\ \Phi_{5}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
161257	1968	117	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{9}$	$\frac{35}{117}$	$\Phi_{117}^{16}\ \Phi_{39}^{19}\ \Phi_{13}^{18}\ \Phi_{9}^{15}\ \Phi_{3}^{18}\ \Phi_{1}^{18}$
161258	1968	2700	$\frac{19}{675}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{900}\ \Phi_{540}\ \Phi_{450}\ \Phi_{300}\ \Phi_{270}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}\ \Phi_{90}\ \Phi_{60}\ \Phi_{50}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
161259	1968	85	$\frac{3}{85}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{85}^{23}\ \Phi_{17}^{24}\ \Phi_{5}^{22}\ \Phi_{1}^{24}$
161260	1968	290	$\frac{1}{29}$	$\frac{7}{58}$	$\frac{1}{5}$	$\frac{17}{58}$	$\Phi_{290}^{8}\ \Phi_{145}^{9}\ \Phi_{10}^{8}\ \Phi_{5}^{8}$
161261	1968	3003	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{231}$	$\Phi_{3003}\ \Phi_{429}\ \Phi_{273}\ \Phi_{143}\ \Phi_{39}$
161262	1968	217	$\frac{5}{217}$	$\frac{1}{7}$	$\frac{53}{217}$	$\frac{2}{7}$	$\Phi_{217}^{9}\ \Phi_{31}^{9}\ \Phi_{7}^{11}\ \Phi_{1}^{12}$
161263	1968	42	$\frac{1}{42}$	$\frac{1}{7}$	$\frac{5}{21}$	$\frac{2}{7}$	$\Phi_{42}^{48}\ \Phi_{21}^{45}\ \Phi_{14}^{48}\ \Phi_{7}^{47}\ \Phi_{6}^{48}\ \Phi_{3}^{45}\ \Phi_{2}^{48}\ \Phi_{1}^{48}$
161264	1968	171	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{3}{19}$	$\frac{16}{57}$	$\Phi_{171}^{13}\ \Phi_{57}^{7}\ \Phi_{19}^{12}\ \Phi_{9}^{12}\ \Phi_{3}^{6}\ \Phi_{1}^{12}$
161265	1968	2646	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{13}{54}$	$\frac{5}{18}$	$\Phi_{2646}\ \Phi_{1323}\ \Phi_{378}\ \Phi_{294}\ \Phi_{189}\ \Phi_{147}\ \Phi_{98}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
161266	1968	1793	$\frac{3}{163}$	$\frac{2}{11}$	$\frac{40}{163}$	$\frac{3}{11}$	$\Phi_{1793}\ \Phi_{163}^{2}\ \Phi_{11}^{2}\ \Phi_{1}^{4}$
161267	1968	2310	$\frac{1}{42}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{385}\ \Phi_{330}\ \Phi_{210}^{2}\ \Phi_{165}\ \Phi_{110}\ \Phi_{105}^{2}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{2}$
161268	1968	2925	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{14}{75}$	$\frac{61}{225}$	$\Phi_{2925}\ \Phi_{585}\ \Phi_{195}\ \Phi_{117}\ \Phi_{65}\ \Phi_{39}$
161269	1968	281	$\frac{5}{281}$	$\frac{53}{281}$	$\frac{69}{281}$	$\frac{76}{281}$	$\Phi_{281}^{7}\ \Phi_{1}^{8}$
161270	1968	294	$\frac{1}{42}$	$\frac{9}{49}$	$\frac{10}{49}$	$\frac{13}{49}$	$\Phi_{294}^{7}\ \Phi_{147}^{7}\ \Phi_{98}^{7}\ \Phi_{49}^{6}\ \Phi_{42}^{6}\ \Phi_{21}^{6}\ \Phi_{14}^{6}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
161271	1968	715	$\frac{3}{55}$	$\frac{1}{13}$	$\frac{13}{55}$	$\frac{14}{55}$	$\Phi_{715}^{3}\ \Phi_{143}^{3}\ \Phi_{65}^{3}\ \Phi_{13}^{2}$
161272	1968	1967	$\frac{39}{1967}$	$\frac{368}{1967}$	$\frac{482}{1967}$	$\frac{495}{1967}$	$\Phi_{1967}\ \Phi_{281}\ \Phi_{7}\ \Phi_{1}^{2}$
161273	1968	2465	$\frac{9}{493}$	$\frac{1}{5}$	$\frac{121}{493}$	$\frac{124}{493}$	$\Phi_{2465}\ \Phi_{145}\ \Phi_{85}$
161274	1968	876	$\frac{1}{73}$	$\frac{18}{73}$	$\frac{1}{4}$	$\frac{55}{219}$	$\Phi_{876}^{4}\ \Phi_{438}^{4}\ \Phi_{292}\ \Phi_{146}\ \Phi_{12}^{4}\ \Phi_{6}^{4}$
161275	1968	748	$\frac{1}{17}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{748}^{3}\ \Phi_{374}^{3}\ \Phi_{187}^{3}\ \Phi_{68}\ \Phi_{34}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
161276	1968	3260	$\frac{3}{163}$	$\frac{1}{5}$	$\frac{40}{163}$	$\frac{1}{4}$	$\Phi_{3260}\ \Phi_{1630}\ \Phi_{20}^2\ \Phi_{10}^2$
161277	1968	2628	$\frac{13}{657}$	$\frac{124}{657}$	$\frac{161}{657}$	$\frac{1}{4}$	$\Phi_{2628}\ \Phi_{1314}\ \Phi_{876}\ \Phi_{438}\ \Phi_{292}\ \Phi_{146}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
161278	1968	108	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{13}{54}$	$\frac{1}{4}$	$\Phi_{108}^{24}\ \Phi_{54}^{8}\ \Phi_{36}^{25}\ \Phi_{27}^{16}\ \Phi_{18}^{9}\ \Phi_{12}^{25}\ \Phi_{9}^{16}\ \Phi_{6}^{9}\ \Phi_{4}^{24}\ \Phi_{3}^{16}\ \Phi_{2}^{8}\ \Phi_{1}^{16}$
161279	1968	2068	$\frac{3}{47}$	$\frac{3}{44}$	$\frac{11}{47}$	$\frac{1}{4}$	$\Phi_{2068}\ \Phi_{1034}\ \Phi_{517}\ \Phi_{47}\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_1^2$
161280	1968	2720	$\frac{1}{17}$	$\frac{3}{40}$	$\frac{37}{160}$	$\frac{1}{4}$	$\Phi_{2720}\ \Phi_{1360}\ \Phi_{544}\ \Phi_{272}\ \Phi_{68}\ \Phi_{34}$
161281	1968	684	$\frac{7}{171}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{4}$	$\Phi_{684}^4\ \Phi_{342}^4\ \Phi_{228}^4\ \Phi_{114}^4\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
161282	1968	420	$\frac{1}{42}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^6\ \Phi_{210}^3\ \Phi_{140}^6\ \Phi_{105}^3\ \Phi_{84}^8\ \Phi_{70}^3\ \Phi_{60}^6\ \Phi_{42}^4\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}^8\ \Phi_{21}^4\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{14}^4\ \Phi_{12}^8\ \Phi_7^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
161283	1968	3060	$\frac{1}{17}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{1020}\ \Phi_{612}\ \Phi_{510}\ \Phi_{306}\ \Phi_{204}\ \Phi_{102}\ \Phi_{68}\ \Phi_{34}$
161284	1968	2860	$\frac{3}{44}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2860}\ \Phi_{1430}\ \Phi_{715}\ \Phi_{65}$
161285	1968	1620	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{77}{405}$	$\frac{1}{4}$	$\Phi_{1620}^2\ \Phi_{810}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{36}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6$
161286	1968	1700	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{4}$	$\Phi_{1700}^2\ \Phi_{850}\ \Phi_{425}\ \Phi_{68}\ \Phi_{34}$
161287	1968	2380	$\frac{1}{17}$	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{595}\ \Phi_{476}\ \Phi_{238}\ \Phi_{119}\ \Phi_{68}\ \Phi_{34}$
161288	1968	2068	$\frac{3}{44}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{4}$	$\Phi_{2068}\ \Phi_{1034}\ \Phi_{517}\ \Phi_{47}\ \Phi_{44}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_1^2$
161289	1968	1404	$\frac{23}{351}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{4}$	$\Phi_{1404}^2\ \Phi_{702}^2\ \Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{36}\ \Phi_{26}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
161290	1968	816	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{4}$	$\Phi_{816}^3\ \Phi_{408}^3\ \Phi_{272}^3\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{68}\ \Phi_{51}^3\ \Phi_{34}$
161291	1968	2772	$\frac{3}{44}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{63}\ \Phi_{21}$
161292	1968	756	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{25}{189}$	$\frac{1}{4}$	$\Phi_{756}^4\ \Phi_{378}^4\ \Phi_{252}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{42}^4\ \Phi_{36}\ \Phi_{28}^4\ \Phi_{18}\ \Phi_{14}^4\ \Phi_{12}\ \Phi_6$
161293	1968	180	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{4}$	$\Phi_{180}^{16}\ \Phi_{90}^{16}\ \Phi_{60}^{16}\ \Phi_{36}^{9}\ \Phi_{30}^{16}\ \Phi_{20}^{16}\ \Phi_{18}^{9}\ \Phi_{12}^{9}\ \Phi_{10}^{16}\ \Phi_{6}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}$
161294	1968	2916	$\frac{8}{81}$	$\frac{73}{729}$	$\frac{1}{9}$	$\frac{1}{4}$	$\Phi_{2916}\ \Phi_{1458}\ \Phi_{972}\ \Phi_{486}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
161295	1968	145	$\frac{1}{29}$	$\frac{22}{145}$	$\frac{1}{5}$	$\frac{7}{29}$	$\Phi_{145}^{13}\ \Phi_{29}^{16}\ \Phi_{5}^{12}\ \Phi_{1}^{16}$
161296	1968	1242	$\frac{1}{27}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{13}{54}$	$\Phi_{1242}^2\ \Phi_{621}\ \Phi_{414}^2\ \Phi_{207}\ \Phi_{138}^2\ \Phi_{69}\ \Phi_{54}^4\ \Phi_{46}^2\ \Phi_{27}^2\ \Phi_{23}^2\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
161297	1968	1890	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{13}{54}$	$\Phi_{1890}^2\ \Phi_{945}\ \Phi_{630}^2\ \Phi_{315}\ \Phi_{210}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{35}^2$
161298	1968	1368	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{29}{152}$	$\frac{9}{38}$	$\Phi_{1368}^2\ \Phi_{684}^2\ \Phi_{456}^2\ \Phi_{228}^2\ \Phi_{171}\ \Phi_{72}^2\ \Phi_{57}\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{12}^2$
161299	1968	680	$\frac{1}{17}$	$\frac{13}{136}$	$\frac{1}{5}$	$\frac{4}{17}$	$\Phi_{680}^4\ \Phi_{340}^4\ \Phi_{170}^4\ \Phi_{85}\ \Phi_{40}^4\ \Phi_{20}^4\ \Phi_{10}^4$
161300	1968	2115	$\frac{3}{47}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{11}{47}$	$\Phi_{2115}\ \Phi_{705}\ \Phi_{423}\ \Phi_{141}\ \Phi_{47}\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
161301	1968	2350	$\frac{3}{47}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{11}{47}$	$\Phi_{2350}\ \Phi_{1175}\ \Phi_{50}^2\ \Phi_{47}\ \Phi_{25}^2\ \Phi_1^2$
161302	1968	2256	$\frac{3}{47}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{11}{47}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{752}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{48}^2\ \Phi_{47}\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
161303	1968	1035	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{3}{23}$	$\frac{5}{23}$	$\Phi_{1035}^2\ \Phi_{345}^2\ \Phi_{207}\ \Phi_{115}^2\ \Phi_{69}\ \Phi_{45}^4\ \Phi_{23}^2\ \Phi_{15}^4\ \Phi_9^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
161304	1968	468	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{2}{13}$	$\frac{11}{52}$	$\Phi_{468}^6\ \Phi_{234}^6\ \Phi_{156}^6\ \Phi_{117}\ \Phi_{78}^6\ \Phi_{39}\ \Phi_{36}^6\ \Phi_{18}^6\ \Phi_{12}^6\ \Phi_6^6$
161305	1968	585	$\frac{1}{13}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{585}^4\ \Phi_{195}^4\ \Phi_{117}^4\ \Phi_{65}\ \Phi_{39}^4$
161306	1968	650	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{5}$	$\Phi_{650}^4\ \Phi_{325}^4\ \Phi_{65}$
161307	1968	595	$\frac{1}{17}$	$\frac{16}{119}$	$\frac{103}{595}$	$\frac{1}{5}$	$\Phi_{595}^3\ \Phi_{119}^4\ \Phi_{85}^4\ \Phi_{35}^3\ \Phi_{17}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_1^4$
161308	1968	2115	$\frac{4}{45}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{1}{5}$	$\Phi_{2115}\ \Phi_{705}\ \Phi_{423}\ \Phi_{141}\ \Phi_{47}\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^2$
161309	1968	3120	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{1}{5}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{1040}\ \Phi_{780}\ \Phi_{390}\ \Phi_{195}\ \Phi_{65}$
161310	1968	315	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{315}^7\ \Phi_{105}^7\ \Phi_{63}^8\ \Phi_{35}^8\ \Phi_{21}^8\ \Phi_7^8$
161311	1968	2350	$\frac{1}{10}$	$\frac{5}{47}$	$\frac{7}{47}$	$\frac{9}{50}$	$\Phi_{2350}\ \Phi_{1175}\ \Phi_{50}^2\ \Phi_{47}\ \Phi_{25}^2\ \Phi_1^2$
161312	1968	3150	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{9}{50}$	$\Phi_{3150}\ \Phi_{1575}\ \Phi_{1050}\ \Phi_{525}\ \Phi_{63}\ \Phi_{21}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
161313	1968	281	$\frac{29}{281}$	$\frac{35}{281}$	$\frac{36}{281}$	$\frac{49}{281}$	$\Phi_{281}^{7}\ \Phi_{1}^{8}$
161314	1968	2256	$\frac{5}{47}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{7}{47}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{752}\ \Phi_{564}\ \Phi_{282}\ \Phi_{141}\ \Phi_{48}^{2}\ \Phi_{47}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
161315	1968	329	$\frac{5}{47}$	$\frac{6}{47}$	$\frac{1}{7}$	$\frac{7}{47}$	$\Phi_{329}^{7}\ \Phi_{7}^{6}$
161316	1968	1008	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{48}$	$\Phi_{1008}^{3}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{252}^{2}\ \Phi_{168}\ \Phi_{126}^{2}\ \Phi_{112}^{2}\ \Phi_{84}\ \Phi_{63}^{3}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}$
161317	1969	2628	$\frac{2}{657}$	$\frac{659}{2628}$	$\frac{1}{3}$	$\frac{655}{1314}$	$\Phi_{2628}\ \Phi_{876}\ \Phi_{657}\ \Phi_{292}\ \Phi_{219}\ \Phi_{73}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
161318	1969	3924	$\frac{7}{1962}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1955}{3924}$	$\Phi_{3924}\ \Phi_{1308}\ \Phi_{436}\ \Phi_{36}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
161319	1969	1780	$\frac{1}{178}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{177}{356}$	$\Phi_{890}^{2}\ \Phi_{445}^{2}\ \Phi_{356}\ \Phi_{178}^{2}\ \Phi_{89}^{2}\ \Phi_{20}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
161320	1969	5340	$\frac{1}{178}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{177}{356}$	$\Phi_{5340}\ \Phi_{1068}\ \Phi_{356}\ \Phi_{60}\ \Phi_{15}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
161321	1969	3904	$\frac{17}{1952}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{1935}{3904}$	$\Phi_{3904}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
161322	1969	2190	$\frac{2}{219}$	$\frac{221}{2190}$	$\frac{1}{3}$	$\frac{217}{438}$	$\Phi_{2190}\ \Phi_{1095}\ \Phi_{730}\ \Phi_{365}\ \Phi_{219}\ \Phi_{73}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
161323	1969	708	$\frac{2}{177}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{175}{354}$	$\Phi_{708}^{3}\ \Phi_{354}^{2}\ \Phi_{236}^{3}\ \Phi_{177}^{3}\ \Phi_{118}^{2}\ \Phi_{59}^{3}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
161324	1969	3888	$\frac{25}{1944}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1919}{3888}$	$\Phi_{3888}\ \Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
161325	1969	3888	$\frac{25}{1944}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1919}{3888}$	$\Phi_{3888}\ \Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
161326	1969	240	$\frac{1}{60}$	$\frac{1}{12}$	$\frac{61}{240}$	$\frac{59}{120}$	$\Phi_{240}^{11}\ \Phi_{80}^{11}\ \Phi_{60}^{11}\ \Phi_{48}^{11}\ \Phi_{30}^{11}\ \Phi_{20}^{11}\ \Phi_{16}^{11}\ \Phi_{15}^{11}\ \Phi_{12}^{10}\ \Phi_{10}^{11}\ \Phi_{6}^{10}\ \Phi_{5}^{11}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
161327	1969	352	$\frac{3}{176}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{173}{352}$	$\Phi_{352}^{11}\ \Phi_{32}^{11}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
161328	1969	1056	$\frac{3}{176}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{173}{352}$	$\Phi_{1056}^{4}\ \Phi_{352}^{3}\ \Phi_{96}^{4}\ \Phi_{32}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
161329	1969	2256	$\frac{5}{282}$	$\frac{287}{2256}$	$\frac{1}{6}$	$\frac{277}{564}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{752}\ \Phi_{376}\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}\ \Phi_{48}\ \Phi_{47}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
161330	1969	3864	$\frac{37}{1932}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1895}{3864}$	$\Phi_{3864}\ \Phi_{1288}\ \Phi_{552}\ \Phi_{184}\ \Phi_{168}\ \Phi_{56}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
161331	1969	3840	$\frac{1}{48}$	$\frac{49}{1920}$	$\frac{1871}{3840}$	$\frac{47}{96}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{256}\ \Phi_{96}\ \Phi_{32}\ \Phi_{1}$
161332	1969	2880	$\frac{1}{48}$	$\frac{49}{960}$	$\frac{911}{2880}$	$\frac{47}{96}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{576}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{96}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
161333	1969	192	$\frac{1}{48}$	$\frac{13}{192}$	$\frac{49}{192}$	$\frac{47}{96}$	$\Phi_{192}^{10}\ \Phi_{96}^{11}\ \Phi_{64}^{10}\ \Phi_{48}^{10}\ \Phi_{32}^{11}\ \Phi_{24}^{10}\ \Phi_{16}^{10}\ \Phi_{12}^{10}\ \Phi_{8}^{10}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
161334	1969	2400	$\frac{1}{48}$	$\frac{49}{480}$	$\frac{431}{2400}$	$\frac{47}{96}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{96}\ \Phi_{75}\ \Phi_{50}\ \Phi_{32}\ \Phi_{25}\ \Phi_{1}$
161335	1969	2304	$\frac{1}{48}$	$\frac{49}{384}$	$\frac{335}{2304}$	$\frac{47}{96}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
161336	1969	2100	$\frac{4}{175}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{171}{350}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}^{2}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}^{2}\ \Phi_{28}\ \Phi_{25}\ \Phi_{21}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
161337	1969	3840	$\frac{49}{1920}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{1871}{3840}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
161338	1969	3840	$\frac{49}{1920}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{1871}{3840}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{256}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
161339	1969	2088	$\frac{3}{116}$	$\frac{119}{2088}$	$\frac{1}{4}$	$\frac{113}{232}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{522}\ \Phi_{348}\ \Phi_{261}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{72}\ \Phi_{58}\ \Phi_{36}\ \Phi_{29}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
161340	1969	216	$\frac{1}{36}$	$\frac{1}{12}$	$\frac{37}{216}$	$\frac{35}{72}$	$\Phi_{216}^{11}\ \Phi_{108}^{11}\ \Phi_{54}^{11}\ \Phi_{36}^{11}\ \Phi_{27}^{11}\ \Phi_{18}^{11}\ \Phi_{12}^{10}\ \Phi_{9}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
161341	1969	348	$\frac{5}{174}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{169}{348}$	$\Phi_{348}^{5}\ \Phi_{174}^{6}\ \Phi_{116}^{5}\ \Phi_{87}^{6}\ \Phi_{58}^{6}\ \Phi_{29}^{6}\ \Phi_{12}^{10}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
161342	1969	3808	$\frac{65}{1904}$	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{1839}{3808}$	$\Phi_{3808}\ \Phi_{544}\ \Phi_{224}\ \Phi_{68}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_{1}$
161343	1969	2040	$\frac{71}{2040}$	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{120}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{34}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
161344	1969	2128	$\frac{7}{152}$	$\frac{159}{2128}$	$\frac{1}{8}$	$\frac{145}{304}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{152}\ \Phi_{133}\ \Phi_{112}\ \Phi_{76}\ \Phi_{56}\ \Phi_{38}\ \Phi_{28}\ \Phi_{19}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
161345	1969	684	$\frac{8}{171}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{163}{342}$	$\Phi_{684}^{3}\,\Phi_{342}^{2}\,\Phi_{228}^{3}\,\Phi_{171}^{3}\,\Phi_{114}^{2}\,\Phi_{76}^{3}\,\Phi_{57}^{3}\,\Phi_{38}^{2}\,\Phi_{36}^{6}\,\Phi_{19}^{3}\,\Phi_{18}^{5}\,\Phi_{12}^{5}\,\Phi_{9}^{5}\,\Phi_{6}^{4}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
161346	1969	600	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{21}{200}$	$\frac{19}{40}$	$\Phi_{600}^{4}\,\Phi_{300}^{4}\,\Phi_{200}^{3}\,\Phi_{150}^{4}\,\Phi_{100}^{3}\,\Phi_{75}^{4}\,\Phi_{60}^{4}\,\Phi_{50}^{3}\,\Phi_{30}^{4}\,\Phi_{25}^{3}\,\Phi_{20}^{3}\,\Phi_{15}^{4}\,\Phi_{12}^{3}\,\Phi_{10}^{3}\,\Phi_{6}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
161347	1969	3744	$\frac{1}{48}$	$\frac{97}{1872}$	$\frac{47}{144}$	$\frac{1775}{3744}$	$\Phi_{3744}\,\Phi_{1248}\,\Phi_{416}\,\Phi_{288}\,\Phi_{144}\,\Phi_{96}\,\Phi_{72}\,\Phi_{36}\,\Phi_{32}\,\Phi_{18}\,\Phi_{9}\,\Phi_{1}$
161348	1969	3744	$\frac{97}{1872}$	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{1775}{3744}$	$\Phi_{3744}\,\Phi_{1248}\,\Phi_{416}\,\Phi_{288}\,\Phi_{104}\,\Phi_{96}\,\Phi_{52}\,\Phi_{32}\,\Phi_{26}\,\Phi_{13}\,\Phi_{1}$
161349	1969	1020	$\frac{9}{170}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{161}{340}$	$\Phi_{1020}^{2}\,\Phi_{510}^{2}\,\Phi_{340}\,\Phi_{255}^{2}\,\Phi_{204}^{2}\,\Phi_{170}^{2}\,\Phi_{102}^{2}\,\Phi_{85}^{2}\,\Phi_{68}\,\Phi_{60}^{4}\,\Phi_{51}^{2}\,\Phi_{34}^{2}\,\Phi_{30}^{4}\,\Phi_{20}^{3}\,\Phi_{17}^{2}\,\Phi_{15}^{4}\,\Phi_{12}^{3}\,\Phi_{10}^{3}\,\Phi_{6}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
161350	1969	3712	$\frac{3}{116}$	$\frac{113}{1856}$	$\frac{1}{4}$	$\frac{1743}{3712}$	$\Phi_{3712}\,\Phi_{128}\,\Phi_{116}\,\Phi_{58}\,\Phi_{29}\,\Phi_{1}$
161351	1969	2160	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{191}{2160}$	$\frac{169}{360}$	$\Phi_{2160}\,\Phi_{1080}\,\Phi_{720}\,\Phi_{540}\,\Phi_{432}\,\Phi_{270}\,\Phi_{240}\,\Phi_{216}\,\Phi_{180}\,\Phi_{144}\,\Phi_{135}\,\Phi_{108}\,\Phi_{90}\,\Phi_{80}\,\Phi_{60}\,\Phi_{54}\,\Phi_{48}\,\Phi_{45}\,\Phi_{36}\,\Phi_{30}\,\Phi_{27}\,\Phi_{20}\,\Phi_{18}\,\Phi_{16}\,\Phi_{15}\,\Phi_{10}\,\Phi_{9}\,\Phi_{5}\,\Phi_{1}$
161352	1969	336	$\frac{11}{168}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{157}{336}$	$\Phi_{336}^{11}\,\Phi_{112}^{11}\,\Phi_{48}^{11}\,\Phi_{16}^{11}\,\Phi_{12}^{10}\,\Phi_{6}^{10}\,\Phi_{4}^{10}\,\Phi_{3}^{10}\,\Phi_{2}^{10}\,\Phi_{1}^{11}$
161353	1969	2080	$\frac{111}{2080}$	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{97}{208}$	$\Phi_{2080}\,\Phi_{1040}\,\Phi_{520}\,\Phi_{416}\,\Phi_{260}\,\Phi_{160}\,\Phi_{130}\,\Phi_{104}\,\Phi_{80}\,\Phi_{65}\,\Phi_{52}\,\Phi_{40}\,\Phi_{32}\,\Phi_{26}\,\Phi_{20}\,\Phi_{13}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
161354	1969	2688	$\frac{1}{48}$	$\frac{47}{672}$	$\frac{719}{2688}$	$\frac{625}{1344}$	$\Phi_{2688}\,\Phi_{896}\,\Phi_{672}\,\Phi_{384}\,\Phi_{336}\,\Phi_{224}\,\Phi_{168}\,\Phi_{128}\,\Phi_{112}\,\Phi_{96}\,\Phi_{84}\,\Phi_{56}\,\Phi_{42}\,\Phi_{32}\,\Phi_{28}\,\Phi_{21}\,\Phi_{14}\,\Phi_{7}\,\Phi_{1}$
161355	1969	1998	$\frac{29}{1998}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1998}\,\Phi_{999}\,\Phi_{666}\,\Phi_{333}\,\Phi_{222}\,\Phi_{111}\,\Phi_{74}\,\Phi_{37}\,\Phi_{27}\,\Phi_{9}\,\Phi_{1}$
161356	1969	3648	$\frac{7}{152}$	$\frac{145}{1824}$	$\frac{1}{8}$	$\frac{1679}{3648}$	$\Phi_{3648}\,\Phi_{1216}\,\Phi_{192}\,\Phi_{152}\,\Phi_{76}\,\Phi_{64}\,\Phi_{38}\,\Phi_{19}\,\Phi_{1}$
161357	1969	192	$\frac{13}{192}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{24}$	$\Phi_{192}^{11}\,\Phi_{96}^{11}\,\Phi_{64}^{11}\,\Phi_{48}^{11}\,\Phi_{32}^{11}\,\Phi_{16}^{11}\,\Phi_{12}^{10}\,\Phi_{6}^{10}\,\Phi_{4}^{10}\,\Phi_{3}^{10}\,\Phi_{2}^{10}\,\Phi_{1}^{11}$
161358	1969	660	$\frac{1}{15}$	$\frac{1}{12}$	$\frac{14}{165}$	$\frac{151}{330}$	$\Phi_{660}^{3}\,\Phi_{330}^{2}\,\Phi_{220}^{3}\,\Phi_{165}^{3}\,\Phi_{132}^{3}\,\Phi_{110}^{2}\,\Phi_{66}^{2}\,\Phi_{60}^{6}\,\Phi_{55}^{3}\,\Phi_{44}^{3}\,\Phi_{33}^{3}\,\Phi_{30}^{5}\,\Phi_{22}^{2}\,\Phi_{20}^{6}\,\Phi_{15}^{5}\,\Phi_{12}^{5}\,\Phi_{11}^{3}\,\Phi_{10}^{5}\,\Phi_{6}^{4}\,\Phi_{5}^{5}\,\Phi_{4}^{5}\,\Phi_{3}^{4}\,\Phi_{2}^{5}\,\Phi_{1}^{5}$
161359	1969	3600	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{169}{1800}$	$\frac{1631}{3600}$	$\Phi_{3600}\,\Phi_{1200}\,\Phi_{720}\,\Phi_{400}\,\Phi_{240}\,\Phi_{180}\,\Phi_{144}\,\Phi_{90}\,\Phi_{80}\,\Phi_{60}\,\Phi_{48}\,\Phi_{45}\,\Phi_{36}\,\Phi_{30}\,\Phi_{20}\,\Phi_{18}\,\Phi_{16}\,\Phi_{15}\,\Phi_{10}\,\Phi_{9}\,\Phi_{5}\,\Phi_{1}$
161360	1969	5340	$\frac{1}{89}$	$\frac{1}{10}$	$\frac{88}{267}$	$\frac{9}{20}$	$\Phi_{5340}\,\Phi_{1068}\,\Phi_{267}\,\Phi_{60}\,\Phi_{20}\,\Phi_{12}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
161361	1969	324	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{17}{162}$	$\frac{145}{324}$	$\Phi_{324}^{5}\,\Phi_{162}^{6}\,\Phi_{108}^{5}\,\Phi_{81}^{6}\,\Phi_{54}^{6}\,\Phi_{36}^{11}\,\Phi_{27}^{6}\,\Phi_{18}^{11}\,\Phi_{12}^{10}\,\Phi_{9}^{11}\,\Phi_{6}^{10}\,\Phi_{4}^{10}\,\Phi_{3}^{10}\,\Phi_{2}^{10}\,\Phi_{1}^{11}$
161362	1969	960	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{19}{160}$	$\frac{141}{320}$	$\Phi_{960}^{4}\,\Phi_{320}^{3}\,\Phi_{192}^{4}\,\Phi_{64}^{3}\,\Phi_{60}^{4}\,\Phi_{30}^{4}\,\Phi_{20}^{3}\,\Phi_{15}^{4}\,\Phi_{12}^{3}\,\Phi_{10}^{3}\,\Phi_{6}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
161363	1969	2016	$\frac{47}{2016}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{2016}\,\Phi_{1008}\,\Phi_{672}\,\Phi_{504}\,\Phi_{336}\,\Phi_{288}\,\Phi_{252}\,\Phi_{224}\,\Phi_{168}\,\Phi_{144}\,\Phi_{126}\,\Phi_{112}\,\Phi_{96}\,\Phi_{72}\,\Phi_{63}\,\Phi_{56}\,\Phi_{48}\,\Phi_{42}\,\Phi_{36}\,\Phi_{32}\,\Phi_{24}\,\Phi_{21}\,\Phi_{18}\,\Phi_{16}\,\Phi_{14}\,\Phi_{9}\,\Phi_{8}\,\Phi_{7}\,\Phi_{1}$
161364	1969	3504	$\frac{2}{219}$	$\frac{217}{1752}$	$\frac{1}{3}$	$\frac{1535}{3504}$	$\Phi_{3504}\,\Phi_{1168}\,\Phi_{219}\,\Phi_{73}\,\Phi_{48}\,\Phi_{16}\,\Phi_{1}$
161365	1969	2296	$\frac{1}{41}$	$\frac{40}{287}$	$\frac{327}{2296}$	$\frac{247}{574}$	$\Phi_{2296}\,\Phi_{1148}\,\Phi_{328}\,\Phi_{287}\,\Phi_{164}\,\Phi_{56}\,\Phi_{28}\,\Phi_{8}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
161366	1969	3456	$\frac{1}{48}$	$\frac{241}{1728}$	$\frac{47}{288}$	$\frac{1487}{3456}$	$\Phi_{3456}\,\Phi_{1152}\,\Phi_{384}\,\Phi_{288}\,\Phi_{144}\,\Phi_{128}\,\Phi_{96}\,\Phi_{72}\,\Phi_{36}\,\Phi_{32}\,\Phi_{18}\,\Phi_{9}\,\Phi_{1}$
161367	1969	3444	$\frac{1}{41}$	$\frac{40}{287}$	$\frac{247}{1722}$	$\frac{1475}{3444}$	$\Phi_{3444}\,\Phi_{1148}\,\Phi_{492}\,\Phi_{287}\,\Phi_{164}\,\Phi_{84}\,\Phi_{28}\,\Phi_{12}\,\Phi_{7}\,\Phi_{4}\,\Phi_{1}$
161368	1969	2304	$\frac{1}{48}$	$\frac{335}{2304}$	$\frac{47}{288}$	$\frac{241}{576}$	$\Phi_{2304}\,\Phi_{1152}\,\Phi_{768}\,\Phi_{384}\,\Phi_{288}\,\Phi_{256}\,\Phi_{144}\,\Phi_{128}\,\Phi_{96}\,\Phi_{72}\,\Phi_{36}\,\Phi_{32}\,\Phi_{18}\,\Phi_{9}\,\Phi_{1}$
161369	1969	3384	$\frac{5}{282}$	$\frac{277}{1692}$	$\frac{1}{6}$	$\frac{1415}{3384}$	$\Phi_{3384}\,\Phi_{1128}\,\Phi_{376}\,\Phi_{282}\,\Phi_{141}\,\Phi_{94}\,\Phi_{72}\,\Phi_{47}\,\Phi_{24}\,\Phi_{8}\,\Phi_{1}$
161370	1969	3360	$\frac{1}{48}$	$\frac{47}{336}$	$\frac{289}{1680}$	$\frac{1391}{3360}$	$\Phi_{3360}\,\Phi_{1120}\,\Phi_{672}\,\Phi_{480}\,\Phi_{336}\,\Phi_{224}\,\Phi_{168}\,\Phi_{160}\,\Phi_{112}\,\Phi_{96}\,\Phi_{84}\,\Phi_{56}\,\Phi_{42}\,\Phi_{32}\,\Phi_{28}\,\Phi_{21}\,\Phi_{14}\,\Phi_{7}\,\Phi_{1}$
161371	1969	2040	$\frac{71}{2040}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{2040}\,\Phi_{1020}\,\Phi_{680}\,\Phi_{510}\,\Phi_{408}\,\Phi_{340}\,\Phi_{255}\,\Phi_{204}\,\Phi_{170}\,\Phi_{136}\,\Phi_{102}\,\Phi_{85}\,\Phi_{68}\,\Phi_{60}\,\Phi_{51}\,\Phi_{34}\,\Phi_{30}\,\Phi_{20}\,\Phi_{17}\,\Phi_{15}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$
161372	1969	300	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{29}{150}$	$\frac{121}{300}$	$\Phi_{300}^{5}\,\Phi_{150}^{6}\,\Phi_{100}^{5}\,\Phi_{75}^{6}\,\Phi_{60}^{11}\,\Phi_{50}^{6}\,\Phi_{30}^{11}\,\Phi_{25}^{6}\,\Phi_{20}^{11}\,\Phi_{15}^{11}\,\Phi_{12}^{10}\,\Phi_{10}^{11}\,\Phi_{6}^{10}\,\Phi_{5}^{11}\,\Phi_{4}^{10}\,\Phi_{3}^{10}\,\Phi_{2}^{10}\,\Phi_{1}^{11}$
161373	1969	2460	$\frac{1}{82}$	$\frac{81}{410}$	$\frac{491}{2460}$	$\frac{329}{820}$	$\Phi_{2460}\,\Phi_{1230}\,\Phi_{615}\,\Phi_{492}\,\Phi_{410}\,\Phi_{246}\,\Phi_{205}\,\Phi_{123}\,\Phi_{60}\,\Phi_{30}\,\Phi_{15}\,\Phi_{12}\,\Phi_{10}\,\Phi_{6}\,\Phi_{5}\,\Phi_{3}\,\Phi_{1}$
161374	1969	3280	$\frac{1}{82}$	$\frac{81}{410}$	$\frac{329}{1640}$	$\frac{1311}{3280}$	$\Phi_{3280}\,\Phi_{656}\,\Phi_{410}\,\Phi_{205}\,\Phi_{80}\,\Phi_{16}\,\Phi_{10}\,\Phi_{5}\,\Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
161375	1969	180	$\frac{1}{180}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{60}^{11}\ \Phi_{45}^{11}\ \Phi_{36}^{11}\ \Phi_{30}^{11}\ \Phi_{20}^{11}\ \Phi_{18}^{10}\ \Phi_{15}^{11}\ \Phi_{12}^{11}\ \Phi_{10}^{11}\ \Phi_{9}^{11}$ $\Phi_{6}^{10}\ \Phi_{5}^{11}\ \Phi_{4}^{11}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
161376	1969	2048	$\frac{79}{2048}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_{1}$
161377	1969	288	$\frac{1}{36}$	$\frac{1}{12}$	$\frac{35}{144}$	$\frac{109}{288}$	$\Phi_{288}^{11}\ \Phi_{96}^{11}\ \Phi_{36}^{11}\ \Phi_{32}^{11}\ \Phi_{18}^{11}\ \Phi_{12}^{10}\ \Phi_{9}^{11}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
161378	1969	720	$\frac{1}{180}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{720}^{4}\ \Phi_{240}^{4}\ \Phi_{180}^{3}\ \Phi_{144}^{4}\ \Phi_{90}^{3}\ \Phi_{80}^{4}\ \Phi_{60}^{3}\ \Phi_{48}^{4}\ \Phi_{45}^{3}\ \Phi_{36}^{3}\ \Phi_{30}^{3}\ \Phi_{20}^{3}$ $\Phi_{18}^{3}\ \Phi_{16}^{3}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{3}\ \Phi_{1}^{3}$
161379	1969	552	$\frac{5}{184}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{552}^{4}\ \Phi_{276}^{4}\ \Phi_{184}^{3}\ \Phi_{138}^{4}\ \Phi_{92}^{3}\ \Phi_{69}^{4}\ \Phi_{46}^{3}\ \Phi_{23}^{3}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}$ $\Phi_{2}^{2}\ \Phi_{1}^{3}$
161380	1969	2016	$\frac{47}{2016}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}$ $\Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}$ $\Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
161381	1969	2976	$\frac{15}{496}$	$\frac{1}{16}$	$\frac{481}{1488}$	$\frac{1007}{2976}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{96}\ \Phi_{62}\ \Phi_{32}\ \Phi_{31}\ \Phi_{1}$
161382	1969	540	$\frac{1}{45}$	$\frac{1}{12}$	$\frac{44}{135}$	$\frac{91}{270}$	$\Phi_{540}^{3}\ \Phi_{270}^{2}\ \Phi_{180}^{6}\ \Phi_{135}^{3}\ \Phi_{108}^{3}\ \Phi_{90}^{5}\ \Phi_{60}^{6}\ \Phi_{54}^{2}\ \Phi_{45}^{5}\ \Phi_{36}^{6}\ \Phi_{30}^{5}\ \Phi_{27}^{3}$ $\Phi_{20}^{6}\ \Phi_{18}^{5}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
161383	1969	2952	$\frac{1}{246}$	$\frac{245}{738}$	$\frac{983}{2952}$	$\frac{493}{1476}$	$\Phi_{2952}\ \Phi_{984}\ \Phi_{738}\ \Phi_{369}\ \Phi_{328}\ \Phi_{72}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
161384	1969	2943	$\frac{7}{981}$	$\frac{2}{9}$	$\frac{974}{2943}$	$\frac{1}{3}$	$\Phi_{2943}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
161385	1969	2916	$\frac{25}{972}$	$\frac{2}{27}$	$\frac{947}{2916}$	$\frac{1}{3}$	$\Phi_{2916}\ \Phi_{1458}\ \Phi_{729}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
161386	1969	2025	$\frac{56}{2025}$	$\frac{2}{27}$	$\frac{25}{81}$	$\frac{1}{3}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{405}\ \Phi_{225}\ \Phi_{135}\ \Phi_{75}\ \Phi_{45}\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}$ Φ_{1}
161387	1969	2628	$\frac{2}{219}$	$\frac{217}{876}$	$\frac{659}{2628}$	$\frac{1}{3}$	$\Phi_{2628}\ \Phi_{1314}\ \Phi_{657}\ \Phi_{219}\ \Phi_{73}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
161388	1969	2592	$\frac{25}{648}$	$\frac{2}{27}$	$\frac{623}{2592}$	$\frac{1}{3}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}$ $\Phi_{9}\ \Phi_{1}$
161389	1969	2052	$\frac{83}{2052}$	$\frac{2}{27}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{513}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}$ $\Phi_{38}\ \Phi_{27}\ \Phi_{19}\ \Phi_{9}\ \Phi_{1}$
161390	1969	2430	$\frac{25}{486}$	$\frac{2}{27}$	$\frac{461}{2430}$	$\frac{1}{3}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}$ $\Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
161391	1969	2106	$\frac{137}{2106}$	$\frac{2}{27}$	$\frac{25}{162}$	$\frac{1}{3}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{702}\ \Phi_{351}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{39}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}$ $\Phi_{9}\ \Phi_{1}$
161392	1969	2268	$\frac{2}{27}$	$\frac{25}{324}$	$\frac{299}{2268}$	$\frac{1}{3}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}$ $\Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
161393	1969	2160	$\frac{2}{27}$	$\frac{191}{2160}$	$\frac{25}{216}$	$\frac{1}{3}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}$ $\Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{16}$ $\Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
161394	1969	2187	$\frac{2}{27}$	$\frac{218}{2187}$	$\frac{25}{243}$	$\frac{1}{3}$	$\Phi_{2187}\ \Phi_{729}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
161395	1969	1335	$\frac{1}{89}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{88}{267}$	$\Phi_{1335}\ \Phi_{445}^{2}\ \Phi_{267}^{2}\ \Phi_{89}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
161396	1969	2538	$\frac{5}{282}$	$\frac{1}{6}$	$\frac{569}{2538}$	$\frac{277}{846}$	$\Phi_{2538}\ \Phi_{1269}\ \Phi_{282}\ \Phi_{141}\ \Phi_{94}\ \Phi_{54}\ \Phi_{47}\ \Phi_{27}\ \Phi_{1}$
161397	1969	2916	$\frac{25}{972}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{947}{2916}$	$\Phi_{2916}\ \Phi_{1458}\ \Phi_{729}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
161398	1969	264	$\frac{3}{88}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{85}{264}$	$\Phi_{264}^{7}\ \Phi_{132}^{7}\ \Phi_{88}^{8}\ \Phi_{66}^{7}\ \Phi_{44}^{8}\ \Phi_{33}^{7}\ \Phi_{24}^{7}\ \Phi_{22}^{8}\ \Phi_{12}^{10}\ \Phi_{11}^{8}\ \Phi_{8}^{8}\ \Phi_{6}^{10}$ $\Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
161399	1969	2898	$\frac{37}{966}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{929}{2898}$	$\Phi_{2898}\ \Phi_{1449}\ \Phi_{414}\ \Phi_{207}\ \Phi_{126}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{9}$ $\Phi_{7}\ \Phi_{1}$
161400	1969	2280	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{311}{2280}$	$\frac{145}{456}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}$ $\Phi_{76}\ \Phi_{60}\ \Phi_{40}\ \Phi_{38}\ \Phi_{30}\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
161401	1969	2880	$\frac{49}{960}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{911}{2880}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{576}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}$ $\Phi_{64}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{9}\ \Phi_{1}$
161402	1969	2880	$\frac{49}{960}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{911}{2880}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{576}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}$ $\Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
161403	1969	216	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{37}{216}$	$\frac{17}{54}$	$\Phi_{216}^{11}\ \Phi_{108}^{5}\ \Phi_{72}^{11}\ \Phi_{54}^{6}\ \Phi_{36}^{11}\ \Phi_{27}^{6}\ \Phi_{24}^{11}\ \Phi_{18}^{11}\ \Phi_{12}^{10}\ \Phi_{9}^{11}\ \Phi_{8}^{11}\ \Phi_{6}^{10}$ $\Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
161404	1969	192	$\frac{1}{16}$	$\frac{13}{192}$	$\frac{3}{16}$	$\frac{5}{16}$	$\Phi_{192}^{11}\ \Phi_{96}^{11}\ \Phi_{64}^{11}\ \Phi_{48}^{11}\ \Phi_{32}^{11}\ \Phi_{24}^{11}\ \Phi_{16}^{2}\ \Phi_{12}^{11}\ \Phi_{8}^{2}\ \Phi_{6}^{11}\ \Phi_{4}^{2}\ \Phi_{3}^{11}\ \Phi_{2}^{2}$ Φ_{1}^{3}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
161405	1969	2184	$\frac{7}{104}$	$\frac{215}{2184}$	$\frac{1}{8}$	$\frac{97}{312}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{168}\ \Phi_{104}\ \Phi_{91}\ \Phi_{84}\ \Phi_{56}\ \Phi_{52}\ \Phi_{42}\ \Phi_{28}\ \Phi_{26}\ \Phi_{21}\ \Phi_{14}\ \Phi_{13}\ \Phi_7\ \Phi_1$
161406	1969	2856	$\frac{3}{68}$	$\frac{65}{952}$	$\frac{1}{4}$	$\frac{887}{2856}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{408}\ \Phi_{357}\ \Phi_{204}\ \Phi_{168}\ \Phi_{102}\ \Phi_{84}\ \Phi_{68}\ \Phi_{51}\ \Phi_{42}\ \Phi_{34}\ \Phi_{24}\ \Phi_{21}\ \Phi_{17}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
161407	1969	2592	$\frac{25}{648}$	$\frac{1}{12}$	$\frac{623}{2592}$	$\frac{11}{36}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
161408	1969	2052	$\frac{83}{2052}$	$\frac{1}{12}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{513}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_1$
161409	1969	2268	$\frac{25}{324}$	$\frac{1}{12}$	$\frac{299}{2268}$	$\frac{11}{36}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
161410	1969	2160	$\frac{1}{12}$	$\frac{191}{2160}$	$\frac{25}{216}$	$\frac{11}{36}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
161411	1969	2808	$\frac{7}{104}$	$\frac{97}{936}$	$\frac{1}{8}$	$\frac{839}{2808}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{216}\ \Phi_{108}\ \Phi_{104}\ \Phi_{54}\ \Phi_{52}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
161412	1969	2784	$\frac{3}{116}$	$\frac{113}{928}$	$\frac{1}{4}$	$\frac{815}{2784}$	$\Phi_{2784}\ \Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{116}\ \Phi_{96}\ \Phi_{87}\ \Phi_{58}\ \Phi_{48}\ \Phi_{29}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
161413	1969	252	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{252}$	$\Phi_{252}^{11}\ \Phi_{126}^{11}\ \Phi_{63}^{11}\ \Phi_{36}^{11}\ \Phi_{18}^{11}\ \Phi_{12}^{10}\ \Phi_9^{11}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
161414	1969	2583	$\frac{1}{41}$	$\frac{40}{287}$	$\frac{614}{2583}$	$\frac{247}{861}$	$\Phi_{2583}\ \Phi_{369}\ \Phi_{287}\ \Phi_{63}\ \Phi_9\ \Phi_7\ \Phi_1$
161415	1969	2736	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{145}{912}$	$\frac{767}{2736}$	$\Phi_{2736}\ \Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{152}\ \Phi_{144}\ \Phi_{76}\ \Phi_{72}\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_1$
161416	1969	2592	$\frac{1}{48}$	$\frac{47}{288}$	$\frac{623}{2592}$	$\frac{241}{864}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{288}\ \Phi_{162}\ \Phi_{144}\ \Phi_{96}\ \Phi_{81}\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
161417	1969	2700	$\frac{11}{180}$	$\frac{1}{12}$	$\frac{169}{900}$	$\frac{731}{2700}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
161418	1969	192	$\frac{1}{16}$	$\frac{13}{192}$	$\frac{15}{64}$	$\frac{49}{192}$	$\Phi_{192}^{10}\ \Phi_{96}^{10}\ \Phi_{64}^{11}\ \Phi_{48}^{10}\ \Phi_{32}^{11}\ \Phi_{24}^{10}\ \Phi_{16}^{10}\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
161419	1969	240	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{19}{80}$	$\frac{61}{240}$	$\Phi_{240}^{7}\ \Phi_{120}^{7}\ \Phi_{80}^{8}\ \Phi_{60}^{11}\ \Phi_{48}^{7}\ \Phi_{40}^{8}\ \Phi_{30}^{11}\ \Phi_{24}^{7}\ \Phi_{20}^{11}\ \Phi_{16}^{8}\ \Phi_{15}^{11}\ \Phi_{12}^{10}\ \Phi_{10}^{11}\ \Phi_8^{8}\ \Phi_6^{10}\ \Phi_5^{11}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
161420	1969	2320	$\frac{3}{116}$	$\frac{351}{2320}$	$\frac{113}{464}$	$\frac{1}{4}$	$\Phi_{2320}\ \Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{145}\ \Phi_{116}\ \Phi_{80}\ \Phi_{58}\ \Phi_{40}\ \Phi_{29}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_1$
161421	1969	2176	$\frac{3}{68}$	$\frac{207}{2176}$	$\frac{65}{272}$	$\frac{1}{4}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{544}\ \Phi_{128}\ \Phi_{68}\ \Phi_{64}\ \Phi_{34}\ \Phi_{32}\ \Phi_{17}\ \Phi_1$
161422	1969	192	$\frac{13}{192}$	$\frac{1}{12}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{192}^{11}\ \Phi_{96}^{11}\ \Phi_{64}^{11}\ \Phi_{48}^{7}\ \Phi_{32}^{11}\ \Phi_{24}^{7}\ \Phi_{16}^{8}\ \Phi_{12}^{10}\ \Phi_8^{8}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{11}$
161423	1969	660	$\frac{3}{44}$	$\frac{1}{12}$	$\frac{41}{220}$	$\frac{1}{4}$	$\Phi_{660}^{4}\ \Phi_{330}^{4}\ \Phi_{220}^{3}\ \Phi_{165}^{4}\ \Phi_{110}^{3}\ \Phi_{60}^{4}\ \Phi_{55}^{3}\ \Phi_{30}^{4}\ \Phi_{20}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_6^{3}\ \Phi_5^{3}\ \Phi_4^{2}\ \Phi_3^{3}\ \Phi_2^{2}\ \Phi_1^{3}$
161424	1969	2380	$\frac{3}{68}$	$\frac{65}{476}$	$\frac{411}{2380}$	$\frac{1}{4}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{595}\ \Phi_{340}\ \Phi_{170}\ \Phi_{140}\ \Phi_{85}\ \Phi_{70}\ \Phi_{68}\ \Phi_{35}\ \Phi_{34}\ \Phi_{20}\ \Phi_{17}\ \Phi_{10}\ \Phi_5\ \Phi_1$
161425	1969	2432	$\frac{7}{152}$	$\frac{1}{8}$	$\frac{463}{2432}$	$\frac{145}{608}$	$\Phi_{2432}\ \Phi_{1216}\ \Phi_{152}\ \Phi_{128}\ \Phi_{76}\ \Phi_{64}\ \Phi_{38}\ \Phi_{19}\ \Phi_1$
161426	1969	2560	$\frac{1}{16}$	$\frac{49}{640}$	$\frac{591}{2560}$	$\frac{15}{64}$	$\Phi_{2560}\ \Phi_{1280}\ \Phi_{512}\ \Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_1$
161427	1969	2240	$\frac{1}{16}$	$\frac{271}{2240}$	$\frac{49}{320}$	$\frac{15}{64}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{64}\ \Phi_{56}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{14}\ \Phi_7\ \Phi_1$
161428	1969	2304	$\frac{1}{16}$	$\frac{49}{384}$	$\frac{335}{2304}$	$\frac{15}{64}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_9\ \Phi_1$
161429	1969	2496	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{97}{624}$	$\frac{527}{2496}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{832}\ \Phi_{416}\ \Phi_{192}\ \Phi_{104}\ \Phi_{96}\ \Phi_{64}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
161430	1969	2160	$\frac{1}{12}$	$\frac{191}{2160}$	$\frac{11}{60}$	$\frac{49}{240}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{60}\ \Phi_{54}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
161431	1969	600	$\frac{1}{12}$	$\frac{21}{200}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{600}^{4}\ \Phi_{300}^{3}\ \Phi_{200}^{3}\ \Phi_{150}^{3}\ \Phi_{120}^{4}\ \Phi_{100}^{2}\ \Phi_{75}^{3}\ \Phi_{60}^{4}\ \Phi_{50}^{2}\ \Phi_{40}^{3}\ \Phi_{30}^{4}\ \Phi_{25}^{3}\ \Phi_{24}^{4}\ \Phi_{20}^{3}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{3}\ \Phi_8^{3}\ \Phi_6^{3}\ \Phi_5^{3}\ \Phi_4^{2}\ \Phi_3^{3}\ \Phi_2^{2}\ \Phi_1^{3}$
161432	1969	420	$\frac{1}{12}$	$\frac{4}{35}$	$\frac{31}{210}$	$\frac{1}{5}$	$\Phi_{420}^{5}\ \Phi_{210}^{4}\ \Phi_{140}^{5}\ \Phi_{105}^{4}\ \Phi_{84}^{5}\ \Phi_{70}^{4}\ \Phi_{60}^{6}\ \Phi_{42}^{4}\ \Phi_{35}^{5}\ \Phi_{30}^{5}\ \Phi_{28}^{5}\ \Phi_{21}^{4}\ \Phi_{20}^{6}\ \Phi_{15}^{5}\ \Phi_{14}^{4}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_7^{5}\ \Phi_6^{4}\ \Phi_5^{5}\ \Phi_4^{5}\ \Phi_3^{4}\ \Phi_2^{4}\ \Phi_1^{5}$
161433	1969	2400	$\frac{1}{12}$	$\frac{49}{480}$	$\frac{431}{2400}$	$\frac{11}{60}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
161434	1970	3144	$\frac{1}{393}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{196}{393}$	$\Phi_{3144}\ \Phi_{1048}\ \Phi_{393}\ \Phi_{131}\ \Phi_{24}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
161435	1970	3528	$\frac{1}{196}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{195}{392}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{392}^{2}\ \Phi_{168}\ \Phi_{72}\ \Phi_{56}^{2}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
161436	1970	1176	$\frac{1}{196}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{195}{392}$	$\Phi_{1176}^{3}\ \Phi_{392}^{4}\ \Phi_{168}^{3}\ \Phi_{56}^{4}\ \Phi_{24}^{3}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
161437	1970	358	$\frac{1}{179}$	$\frac{18}{179}$	$\frac{161}{358}$	$\frac{89}{179}$	$\Phi_{358}^{10}\ \Phi_{179}\ \Phi_{2}^{10}\ \Phi_{1}^{2}$
161438	1970	1958	$\frac{6}{979}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{973}{1958}$	$\Phi_{1958}^{2}\ \Phi_{178}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
161439	1970	4290	$\frac{2}{195}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{193}{390}$	$\Phi_{4290}\ \Phi_{1430}\ \Phi_{858}\ \Phi_{330}\ \Phi_{286}\ \Phi_{110}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
161440	1970	390	$\frac{2}{195}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{193}{390}$	$\Phi_{390}^{4}\ \Phi_{195}^{6}\ \Phi_{130}^{4}\ \Phi_{78}^{4}\ \Phi_{65}^{6}\ \Phi_{39}^{6}\ \Phi_{30}^{5}\ \Phi_{26}^{4}\ \Phi_{15}^{7}\ \Phi_{13}^{6}\ \Phi_{10}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
161441	1970	1947	$\frac{23}{1947}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{962}{1947}$	$\Phi_{1947}\ \Phi_{649}\ \Phi_{177}\ \Phi_{59}\ \Phi_{33}^{2}\ \Phi_{11}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
161442	1970	474	$\frac{1}{79}$	$\frac{1}{6}$	$\frac{40}{237}$	$\frac{39}{79}$	$\Phi_{474}^{5}\ \Phi_{237}^{3}\ \Phi_{158}^{5}\ \Phi_{79}^{4}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
161443	1970	264	$\frac{1}{66}$	$\frac{1}{11}$	$\frac{67}{264}$	$\frac{65}{132}$	$\Phi_{264}^{10}\ \Phi_{88}^{10}\ \Phi_{66}^{10}\ \Phi_{33}^{10}\ \Phi_{24}^{10}\ \Phi_{22}^{10}\ \Phi_{11}^{9}\ \Phi_{8}^{10}\ \Phi_{6}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
161444	1970	1938	$\frac{16}{969}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{953}{1938}$	$\Phi_{1938}^{2}\ \Phi_{646}^{2}\ \Phi_{114}^{2}\ \Phi_{102}^{2}\ \Phi_{51}\ \Phi_{38}^{2}\ \Phi_{34}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
161445	1970	1044	$\frac{1}{58}$	$\frac{59}{1044}$	$\frac{1}{3}$	$\frac{57}{116}$	$\Phi_{1044}^{2}\ \Phi_{522}^{2}\ \Phi_{348}\ \Phi_{261}^{2}\ \Phi_{174}^{2}\ \Phi_{116}^{2}\ \Phi_{87}^{2}\ \Phi_{58}^{2}\ \Phi_{36}^{2}\ \Phi_{29}^{2}\ \Phi_{18}^{2}\ \Phi_{12}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
161446	1970	1936	$\frac{17}{968}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{951}{1936}$	$\Phi_{1936}^{2}\ \Phi_{176}^{2}\ \Phi_{22}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
161447	1970	385	$\frac{9}{385}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{188}{385}$	$\Phi_{385}^{5}\ \Phi_{77}^{5}\ \Phi_{55}^{5}\ \Phi_{35}^{5}\ \Phi_{11}^{9}\ \Phi_{7}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{10}$
161448	1970	1188	$\frac{5}{198}$	$\frac{1}{11}$	$\frac{203}{1188}$	$\frac{193}{396}$	$\Phi_{1188}^{2}\ \Phi_{594}^{2}\ \Phi_{297}^{2}\ \Phi_{198}^{2}\ \Phi_{108}^{2}\ \Phi_{99}^{2}\ \Phi_{66}^{2}\ \Phi_{54}^{2}\ \Phi_{33}^{2}\ \Phi_{27}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
161449	1970	4224	$\frac{5}{192}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{187}{384}$	$\Phi_{4224}\ \Phi_{1408}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
161450	1970	1914	$\frac{28}{957}$	$\frac{1}{29}$	$\frac{1}{3}$	$\frac{929}{1914}$	$\Phi_{1914}^{2}\ \Phi_{638}^{2}\ \Phi_{174}^{2}\ \Phi_{87}\ \Phi_{66}^{2}\ \Phi_{58}^{2}\ \Phi_{22}^{2}\ \Phi_{6}^{2}\ \Phi_{2}^{2}$
161451	1970	1914	$\frac{28}{957}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{929}{1914}$	$\Phi_{1914}^{2}\ \Phi_{638}^{2}\ \Phi_{174}^{2}\ \Phi_{66}^{2}\ \Phi_{58}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
161452	1970	204	$\frac{1}{34}$	$\frac{7}{204}$	$\frac{1}{3}$	$\frac{33}{68}$	$\Phi_{204}^{9}\ \Phi_{102}^{10}\ \Phi_{68}^{10}\ \Phi_{51}^{10}\ \Phi_{34}^{10}\ \Phi_{17}^{10}\ \Phi_{12}^{9}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{9}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
161453	1970	5712	$\frac{1}{34}$	$\frac{33}{952}$	$\frac{1}{3}$	$\frac{919}{1904}$	$\Phi_{5712}\ \Phi_{816}\ \Phi_{336}\ \Phi_{102}\ \Phi_{51}\ \Phi_{48}\ \Phi_{6}$
161454	1970	4158	$\frac{8}{189}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{181}{378}$	$\Phi_{4158}\ \Phi_{1386}\ \Phi_{594}\ \Phi_{462}\ \Phi_{198}\ \Phi_{154}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
161455	1970	220	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{23}{220}$	$\frac{21}{44}$	$\Phi_{220}^{10}\ \Phi_{110}^{10}\ \Phi_{55}^{10}\ \Phi_{22}^{10}\ \Phi_{20}^{10}\ \Phi_{11}^{9}\ \Phi_{10}^{10}\ \Phi_{5}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
161456	1970	1881	$\frac{89}{1881}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{896}{1881}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{209}\ \Phi_{171}\ \Phi_{99}^{2}\ \Phi_{57}\ \Phi_{33}^{2}\ \Phi_{19}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
161457	1970	374	$\frac{10}{187}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{177}{374}$	$\Phi_{374}^{10}\ \Phi_{34}^{10}\ \Phi_{22}^{10}\ \Phi_{11}^{9}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
161458	1970	2376	$\frac{1}{18}$	$\frac{19}{216}$	$\frac{1}{11}$	$\frac{17}{36}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{594}\ \Phi_{297}\ \Phi_{264}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
161459	1970	5568	$\frac{1}{58}$	$\frac{57}{928}$	$\frac{1}{3}$	$\frac{871}{1856}$	$\Phi_{5568}\ \Phi_{192}\ \Phi_{174}\ \Phi_{87}\ \Phi_{6}$
161460	1970	1848	$\frac{61}{924}$	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{863}{1848}$	$\Phi_{1848}^{2}\ \Phi_{616}^{2}\ \Phi_{264}^{2}\ \Phi_{168}^{2}\ \Phi_{88}^{2}\ \Phi_{66}^{2}\ \Phi_{56}^{2}\ \Phi_{33}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
161461	1970	1056	$\frac{71}{1056}$	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{61}{132}$	$\Phi_{1056}^{2}\ \Phi_{528}^{2}\ \Phi_{352}^{2}\ \Phi_{264}^{2}\ \Phi_{176}^{2}\ \Phi_{96}^{2}\ \Phi_{88}^{2}\ \Phi_{66}^{2}\ \Phi_{48}^{2}\ \Phi_{33}^{2}\ \Phi_{32}^{2}\ \Phi_{24}^{2}\ \Phi_{22}^{2}\ \Phi_{16}^{2}\ \Phi_{11}\ \Phi_{8}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
161462	1970	363	$\frac{2}{33}$	$\frac{31}{363}$	$\frac{1}{11}$	$\frac{166}{363}$	$\Phi_{363}^{5}\ \Phi_{121}^{5}\ \Phi_{33}^{10}\ \Phi_{11}^{9}\ \Phi_{3}^{10}\ \Phi_{1}^{10}$
161463	1970	3960	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{17}{180}$	$\frac{163}{360}$	$\Phi_{3960}\ \Phi_{1320}\ \Phi_{792}\ \Phi_{440}\ \Phi_{264}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
161464	1970	1782	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{94}{891}$	$\frac{797}{1782}$	$\Phi_{1782}^{2}\ \Phi_{594}^{2}\ \Phi_{198}^{2}\ \Phi_{162}^{2}\ \Phi_{99}^{2}\ \Phi_{66}^{2}\ \Phi_{54}^{2}\ \Phi_{33}^{2}\ \Phi_{22}^{2}\ \Phi_{18}^{2}\ \Phi_{11}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
161465	1970	882	$\frac{1}{98}$	$\frac{1}{9}$	$\frac{97}{294}$	$\frac{4}{9}$	$\Phi_{882}^{2}\ \Phi_{441}^{2}\ \Phi_{294}^{3}\ \Phi_{147}^{3}\ \Phi_{126}^{2}\ \Phi_{98}^{2}\ \Phi_{63}^{2}\ \Phi_{49}^{2}\ \Phi_{42}^{3}\ \Phi_{21}^{3}\ \Phi_{18}^{2}\ \Phi_{14}^{2}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
161466	1970	1800	$\frac{3}{200}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{1800}\ \Phi_{900}\ \Phi_{600}\ \Phi_{450}\ \Phi_{360}\ \Phi_{300}\ \Phi_{225}\ \Phi_{200}^{2}\ \Phi_{180}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}^{2}\ \Phi_{90}\ \Phi_{75}\ \Phi_{72}\ \Phi_{60}\ \Phi_{50}^{2}\ \Phi_{45}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{25}^{2}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
161467	1970	2205	$\frac{1}{49}$	$\frac{1}{9}$	$\frac{48}{245}$	$\frac{4}{9}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{315}\ \Phi_{245}^{2}\ \Phi_{105}\ \Phi_{45}\ \Phi_{35}^{2}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
161468	1970	1827	$\frac{6}{203}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{1827}\ \Phi_{609}\ \Phi_{261}\ \Phi_{203}^{2}\ \Phi_{87}\ \Phi_{29}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
161469	1970	2016	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{27}{224}$	$\frac{4}{9}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{224}^2\ \Phi_{168}\ \Phi_{144}\ \Phi_{112}^2$ $\Phi_{96}\ \Phi_{72}\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{9}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
161470	1970	630	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^4\ \Phi_{126}^2\ \Phi_{105}^4\ \Phi_{90}^3\ \Phi_{70}^4\ \Phi_{63}^2\ \Phi_{45}^3\ \Phi_{42}^3\ \Phi_{35}^4\ \Phi_{30}^4$ $\Phi_{21}^3\ \Phi_{18}^2\ \Phi_{15}^4\ \Phi_{14}^2\ \Phi_{10}^4\ \Phi_{9}^3\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{5}^4\ \Phi_{3}^4\ \Phi_{2}^2\ \Phi_{1}^4$
161471	1970	352	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{21}{176}$	$\frac{155}{352}$	$\Phi_{352}^{10}\ \Phi_{32}^{10}\ \Phi_{22}^{10}\ \Phi_{11}^{9}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
161472	1970	2244	$\frac{7}{204}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{561}\ \Phi_{374}\ \Phi_{187}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
161473	1970	330	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{32}{165}$	$\frac{133}{330}$	$\Phi_{330}^{10}\ \Phi_{110}^{10}\ \Phi_{66}^{10}\ \Phi_{33}^{10}\ \Phi_{30}^{10}\ \Phi_{22}^{10}\ \Phi_{11}^{9}\ \Phi_{10}^{10}\ \Phi_{6}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
161474	1970	600	$\frac{3}{200}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{200}^2\ \Phi_{150}^4\ \Phi_{120}^4\ \Phi_{100}^2\ \Phi_{75}^4\ \Phi_{60}^4\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{30}^3$ $\Phi_{25}^2\ \Phi_{24}^4\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^4\ \Phi_{10}\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
161475	1970	1611	$\frac{1}{179}$	$\frac{359}{1611}$	$\frac{178}{537}$	$\frac{626}{1611}$	$\Phi_{1611}\ \Phi_{537}^2\ \Phi_{179}\ \Phi_{9}\ \Phi_{3}^2\ \Phi_{1}^2$
161476	1970	1012	$\frac{27}{1012}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{1012}^2\ \Phi_{506}^2\ \Phi_{253}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{23}^2\ \Phi_{22}^2\ \Phi_{11}\ \Phi_{2}^2\ \Phi_{1}^2$
161477	1970	1584	$\frac{5}{198}$	$\frac{1}{11}$	$\frac{193}{792}$	$\frac{599}{1584}$	$\Phi_{1584}^2\ \Phi_{528}^2\ \Phi_{198}^2\ \Phi_{176}^2\ \Phi_{144}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2$ $\Phi_{16}^2\ \Phi_{11}\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{2}^2\ \Phi_{1}^2$
161478	1970	948	$\frac{1}{79}$	$\frac{1}{6}$	$\frac{39}{158}$	$\frac{119}{316}$	$\Phi_{948}^4\ \Phi_{474}\ \Phi_{316}^2\ \Phi_{237}\ \Phi_{158}\ \Phi_{12}^4\ \Phi_{4}^2$
161479	1970	1432	$\frac{1}{179}$	$\frac{89}{358}$	$\frac{447}{1432}$	$\frac{269}{716}$	$\Phi_{1432}^2\ \Phi_{358}^2\ \Phi_{179}\ \Phi_{8}^2\ \Phi_{2}^2\ \Phi_{1}^2$
161480	1970	792	$\frac{1}{198}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{792}^4\ \Phi_{264}^4\ \Phi_{198}^2\ \Phi_{99}^2\ \Phi_{88}^4\ \Phi_{72}^4\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{24}^3\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2$ $\Phi_{9}^2\ \Phi_{8}^4\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
161481	1970	1048	$\frac{1}{131}$	$\frac{65}{262}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1048}^3\ \Phi_{262}^2\ \Phi_{131}\ \Phi_{8}^4\ \Phi_{2}^2\ \Phi_{1}^2$
161482	1970	297	$\frac{2}{99}$	$\frac{1}{11}$	$\frac{97}{297}$	$\frac{100}{297}$	$\Phi_{297}^5\ \Phi_{99}^{10}\ \Phi_{33}^{10}\ \Phi_{27}^5\ \Phi_{11}^9\ \Phi_{9}^{10}\ \Phi_{3}^{10}\ \Phi_{1}^{10}$
161483	1970	294	$\frac{1}{98}$	$\frac{1}{6}$	$\frac{97}{294}$	$\frac{1}{3}$	$\Phi_{294}^7\ \Phi_{147}^7\ \Phi_{98}^6\ \Phi_{49}^6\ \Phi_{42}^7\ \Phi_{21}^7\ \Phi_{14}^6\ \Phi_{7}^6\ \Phi_{6}^9\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^8$
161484	1970	1044	$\frac{1}{29}$	$\frac{59}{1044}$	$\frac{28}{87}$	$\frac{1}{3}$	$\Phi_{1044}^2\ \Phi_{522}^2\ \Phi_{348}^2\ \Phi_{261}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2$ $\Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{2}^2$
161485	1970	204	$\frac{7}{204}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1}{3}$	$\Phi_{204}^{10}\ \Phi_{102}^{10}\ \Phi_{68}^{10}\ \Phi_{51}^{9}\ \Phi_{34}^{10}\ \Phi_{17}^{8}\ \Phi_{12}^{10}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{8}\ \Phi_{2}^{10}\ \Phi_{1}^{8}$
161486	1970	1428	$\frac{1}{34}$	$\frac{33}{476}$	$\frac{443}{1428}$	$\frac{1}{3}$	$\Phi_{1428}\ \Phi_{714}\ \Phi_{476}^2\ \Phi_{357}\ \Phi_{238}^2\ \Phi_{204}\ \Phi_{119}^2\ \Phi_{102}^2\ \Phi_{84}\ \Phi_{68}^2\ \Phi_{51}^2$ $\Phi_{42}\ \Phi_{34}^2\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{17}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
161487	1970	1392	$\frac{1}{58}$	$\frac{57}{464}$	$\frac{407}{1392}$	$\frac{1}{3}$	$\Phi_{1392}\ \Phi_{696}\ \Phi_{464}^2\ \Phi_{348}\ \Phi_{232}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}^2\ \Phi_{58}^2\ \Phi_{48}\ \Phi_{29}^2$ $\Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
161488	1970	600	$\frac{3}{200}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{600}^3\ \Phi_{300}^3\ \Phi_{200}^4\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{100}^4\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^4\ \Phi_{40}^4\ \Phi_{30}^3$ $\Phi_{25}^4\ \Phi_{24}^3\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_{8}^4\ \Phi_{6}^2\ \Phi_{5}^4\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
161489	1970	696	$\frac{1}{58}$	$\frac{35}{232}$	$\frac{57}{232}$	$\frac{1}{3}$	$\Phi_{696}^4\ \Phi_{348}^4\ \Phi_{174}^5\ \Phi_{87}^5\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_{6}^5\ \Phi_{3}^4$
161490	1970	3264	$\frac{1}{34}$	$\frac{103}{1088}$	$\frac{33}{136}$	$\frac{1}{3}$	$\Phi_{3264}\ \Phi_{1632}\ \Phi_{816}\ \Phi_{192}\ \Phi_{102}\ \Phi_{96}\ \Phi_{51}\ \Phi_{48}\ \Phi_{6}$
161491	1970	3876	$\frac{16}{323}$	$\frac{1}{17}$	$\frac{307}{1292}$	$\frac{1}{3}$	$\Phi_{3876}\ \Phi_{1938}\ \Phi_{228}\ \Phi_{204}\ \Phi_{114}\ \Phi_{102}\ \Phi_{51}\ \Phi_{12}\ \Phi_{6}$
161492	1970	3828	$\frac{1}{29}$	$\frac{28}{319}$	$\frac{291}{1276}$	$\frac{1}{3}$	$\Phi_{3828}\ \Phi_{1914}\ \Phi_{348}\ \Phi_{174}\ \Phi_{132}\ \Phi_{87}\ \Phi_{66}\ \Phi_{12}\ \Phi_{6}$
161493	1970	1470	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{48}{245}$	$\frac{1}{3}$	$\Phi_{1470}^2\ \Phi_{735}\ \Phi_{490}^2\ \Phi_{245}^2\ \Phi_{210}^2\ \Phi_{105}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$ $\Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
161494	1970	204	$\frac{7}{204}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{3}$	$\Phi_{204}^{10}\ \Phi_{102}^{10}\ \Phi_{68}^{10}\ \Phi_{51}^{8}\ \Phi_{34}^{10}\ \Phi_{17}^{10}\ \Phi_{12}^{10}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
161495	1970	714	$\frac{1}{34}$	$\frac{33}{238}$	$\frac{41}{238}$	$\frac{1}{3}$	$\Phi_{714}^4\ \Phi_{357}^4\ \Phi_{102}^5\ \Phi_{51}^5\ \Phi_{42}^4\ \Phi_{21}^4\ \Phi_{6}^5\ \Phi_{3}^4$
161496	1970	1218	$\frac{6}{203}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1218}^2\ \Phi_{609}\ \Phi_{406}^2\ \Phi_{203}^2\ \Phi_{174}^2\ \Phi_{87}\ \Phi_{58}^2\ \Phi_{29}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
161497	1970	672	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^4\ \Phi_{168}^3\ \Phi_{112}^4\ \Phi_{96}^3\ \Phi_{56}^4\ \Phi_{48}^3\ \Phi_{32}^4\ \Phi_{24}^3\ \Phi_{16}^4\ \Phi_{8}^4$ $\Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
161498	1970	210	$\frac{13}{210}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{210}^{10}\ \Phi_{105}^{10}\ \Phi_{70}^{10}\ \Phi_{42}^{7}\ \Phi_{35}^{10}\ \Phi_{30}^{10}\ \Phi_{21}^{7}\ \Phi_{15}^{10}\ \Phi_{14}^{6}\ \Phi_{10}^{10}\ \Phi_{7}^{6}\ \Phi_{6}^{9}\ \Phi_{5}^{10}$ $\Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
161499	1970	2574	$\frac{2}{39}$	$\frac{1}{11}$	$\frac{37}{234}$	$\frac{1}{3}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{858}\ \Phi_{286}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
161500	1970	2310	$\frac{13}{210}$	$\frac{1}{11}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{385}\ \Phi_{330}\ \Phi_{231}\ \Phi_{154}\ \Phi_{110}\ \Phi_{77}$ $\Phi_{66}\ \Phi_{33}\ \Phi_{22}$
161501	1970	1170	$\frac{4}{195}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{191}{585}$	$\Phi_{1170}^3\ \Phi_{585}^2\ \Phi_{234}^3\ \Phi_{117}^2\ \Phi_{90}^3\ \Phi_{45}^2\ \Phi_{30}\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{10}\ \Phi_{9}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
161502	1970	1452	$\frac{17}{484}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{467}{1452}$	$\Phi_{1452}^2\ \Phi_{726}^2\ \Phi_{363}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
161503	1970	1188	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{203}{1188}$	$\frac{94}{297}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
161504	1970	3168	$\frac{5}{96}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{91}{288}$	$\Phi_{3168}\ \Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
161505	1970	2376	$\frac{19}{216}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{594}\ \Phi_{396}\ \Phi_{264}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{88}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
161506	1970	1386	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{61}{462}$	$\frac{401}{1386}$	$\Phi_{1386}^2\ \Phi_{693}^2\ \Phi_{198}^2\ \Phi_{126}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{63}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}\ \Phi_9^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
161507	1970	2970	$\frac{1}{18}$	$\frac{1}{11}$	$\frac{17}{90}$	$\frac{73}{270}$	$\Phi_{2970}\ \Phi_{1485}\ \Phi_{594}\ \Phi_{297}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
161508	1970	810	$\frac{11}{405}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{810}^3\ \Phi_{405}^2\ \Phi_{270}^3\ \Phi_{162}^3\ \Phi_{135}^2\ \Phi_{90}^3\ \Phi_{81}^2\ \Phi_{54}^3\ \Phi_{45}^2\ \Phi_{30}\ \Phi_{27}^2\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{10}\ \Phi_9^2$
161509	1970	264	$\frac{1}{22}$	$\frac{1}{11}$	$\frac{21}{88}$	$\frac{67}{264}$	$\Phi_{264}^{10}\ \Phi_{132}^{10}\ \Phi_{66}^{10}\ \Phi_{33}^{10}\ \Phi_{24}^{10}\ \Phi_{22}^{10}\ \Phi_{12}^{10}\ \Phi_{11}^9\ \Phi_6^{10}\ \Phi_3^{10}\ \Phi_2^{10}\ \Phi_1^{10}$
161510	1970	780	$\frac{2}{65}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{63}{260}$	$\Phi_{780}^4\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^4\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}^4\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{13}^2\ \Phi_{12}^4\ \Phi_{10}\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
161511	1970	1056	$\frac{71}{1056}$	$\frac{1}{11}$	$\frac{17}{88}$	$\frac{5}{22}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{96}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{33}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
161512	1970	242	$\frac{17}{242}$	$\frac{1}{11}$	$\frac{45}{242}$	$\frac{5}{22}$	$\Phi_{242}^8\ \Phi_{121}^8\ \Phi_{22}^{10}\ \Phi_{11}^9\ \Phi_2^{10}\ \Phi_1^{10}$
161513	1970	2772	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{252}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{462}\ \Phi_{396}\ \Phi_{308}\ \Phi_{198}\ \Phi_{154}\ \Phi_{132}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
161514	1970	2376	$\frac{19}{216}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{99}\ \Phi_{66}\ \Phi_{33}\ \Phi_{22}$
161515	1970	235	$\frac{2}{47}$	$\frac{38}{235}$	$\frac{9}{47}$	$\frac{1}{5}$	$\Phi_{235}^8\ \Phi_{47}^{10}\ \Phi_5^7\ \Phi_1^{10}$
161516	1970	2730	$\frac{4}{65}$	$\frac{61}{455}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{910}\ \Phi_{546}\ \Phi_{273}\ \Phi_{210}\ \Phi_{182}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{14}\ \Phi_{10}$
161517	1970	210	$\frac{13}{210}$	$\frac{2}{15}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{210}^{10}\ \Phi_{105}^{10}\ \Phi_{70}^{10}\ \Phi_{42}^{10}\ \Phi_{35}^{10}\ \Phi_{30}^5\ \Phi_{21}^{10}\ \Phi_{15}^7\ \Phi_{14}^{10}\ \Phi_{10}^5\ \Phi_7^{10}\ \Phi_6^4\ \Phi_5^6\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
161518	1970	220	$\frac{1}{11}$	$\frac{23}{220}$	$\frac{9}{55}$	$\frac{2}{11}$	$\Phi_{220}^{10}\ \Phi_{110}^{10}\ \Phi_{55}^5\ \Phi_{44}^{10}\ \Phi_{22}^{10}\ \Phi_{20}^{10}\ \Phi_{11}^9\ \Phi_{10}^{10}\ \Phi_5^5\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^{10}$
161519	1970	231	$\frac{1}{11}$	$\frac{9}{77}$	$\frac{34}{231}$	$\frac{2}{11}$	$\Phi_{231}^{10}\ \Phi_{77}^5\ \Phi_{33}^{10}\ \Phi_{21}^{10}\ \Phi_{11}^9\ \Phi_7^5\ \Phi_3^{10}\ \Phi_1^{10}$
161520	1970	2640	$\frac{1}{11}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{43}{240}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{880}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{33}\ \Phi_{22}$
161521	1971	3152	$\frac{1}{394}$	$\frac{395}{1576}$	$\frac{1181}{3152}$	$\frac{393}{788}$	$\Phi_{3152}\ \Phi_{788}\ \Phi_{16}\ \Phi_4\ \Phi_1$
161522	1971	1744	$\frac{1}{218}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{217}{436}$	$\Phi_{1744}^2\ \Phi_{436}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
161523	1971	436	$\frac{1}{218}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{217}{436}$	$\Phi_{436}^5\ \Phi_{218}^4\ \Phi_{109}^4\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
161524	1971	3920	$\frac{11}{1960}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{1949}{3920}$	$\Phi_{3920}\ \Phi_{784}\ \Phi_{560}\ \Phi_{112}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_4\ \Phi_1$
161525	1971	868	$\frac{2}{217}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{215}{434}$	$\Phi_{868}^3\ \Phi_{217}^3\ \Phi_{124}^3\ \Phi_{31}^3\ \Phi_{28}^4\ \Phi_{14}\ \Phi_7^3\ \Phi_4^3\ \Phi_1^3$
161526	1971	790	$\frac{4}{395}$	$\frac{133}{790}$	$\frac{1}{5}$	$\frac{391}{790}$	$\Phi_{790}^2\ \Phi_{395}^3\ \Phi_{158}^2\ \Phi_{79}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_2^2\ \Phi_1^3$
161527	1971	752	$\frac{1}{94}$	$\frac{95}{752}$	$\frac{1}{4}$	$\frac{93}{188}$	$\Phi_{752}^3\ \Phi_{376}^3\ \Phi_{188}^2\ \Phi_{94}\ \Phi_{47}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
161528	1971	1300	$\frac{7}{650}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{643}{1300}$	$\Phi_{1300}^3\ \Phi_{260}^3\ \Phi_{100}^3\ \Phi_{52}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
161529	1971	1300	$\frac{7}{650}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{643}{1300}$	$\Phi_{1300}^3\ \Phi_{260}^3\ \Phi_{100}^3\ \Phi_{52}^3\ \Phi_{25}\ \Phi_{20}^3\ \Phi_4^3\ \Phi_1$
161530	1971	880	$\frac{3}{220}$	$\frac{1}{10}$	$\frac{223}{880}$	$\frac{217}{440}$	$\Phi_{880}^3\ \Phi_{220}^3\ \Phi_{176}^3\ \Phi_{110}^3\ \Phi_{80}^3\ \Phi_{55}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^3\ \Phi_2^2\ \Phi_1^3$
161531	1971	1872	$\frac{1}{72}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{71}{144}$	$\Phi_{1872}^2\ \Phi_{624}^2\ \Phi_{208}^2\ \Phi_{144}^3\ \Phi_{52}\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
161532	1971	1872	$\frac{1}{72}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{71}{144}$	$\Phi_{1872}^2\ \Phi_{624}^2\ \Phi_{208}^2\ \Phi_{144}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_1^3$
161533	1971	720	$\frac{1}{72}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{71}{144}$	$\Phi_{720}^6\ \Phi_{240}^6\ \Phi_{144}^3\ \Phi_{80}^6\ \Phi_{48}^3\ \Phi_{20}^2\ \Phi_{16}^3\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
161534	1971	430	$\frac{4}{215}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{211}{430}$	$\Phi_{430}^4\ \Phi_{215}^5\ \Phi_{86}^4\ \Phi_{43}^5\ \Phi_{10}^8\ \Phi_5^8\ \Phi_2^8\ \Phi_1^9$
161535	1971	1288	$\frac{13}{644}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{631}{1288}$	$\Phi_{1288}^3\ \Phi_{184}^3\ \Phi_{56}^3\ \Phi_{28}^2\ \Phi_{14}\ \Phi_8^3\ \Phi_7\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
161536	1971	440	$\frac{1}{44}$	$\frac{1}{10}$	$\frac{15}{88}$	$\frac{43}{88}$	$\Phi_{440}^4\ \Phi_{220}^6\ \Phi_{110}^6\ \Phi_{88}^2\ \Phi_{55}^6\ \Phi_{44}^3\ \Phi_{40}^4\ \Phi_{22}^3\ \Phi_{20}^6\ \Phi_{11}^3\ \Phi_{10}^5\ \Phi_{8}^2\ \Phi_{5}^5\ \Phi_{4}^3\ \Phi_{2}^2\ \Phi_{1}^3$
161537	1971	1280	$\frac{17}{640}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{623}{1280}$	$\Phi_{1280}^3\ \Phi_{256}^3\ \Phi_{20}^3\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^3\ \Phi_{2}^2\ \Phi_{1}^3$
161538	1971	3900	$\frac{2}{75}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{3900}\ \Phi_{1300}\ \Phi_{780}\ \Phi_{300}\ \Phi_{260}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{52}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
161539	1971	1404	$\frac{1}{36}$	$\frac{1}{26}$	$\frac{35}{108}$	$\frac{25}{52}$	$\Phi_{1404}^2\ \Phi_{702}^2\ \Phi_{351}^2\ \Phi_{108}^3\ \Phi_{54}^3\ \Phi_{52}\ \Phi_{27}^3\ \Phi_{4}\ \Phi_{1}$
161540	1971	988	$\frac{1}{26}$	$\frac{3}{76}$	$\frac{1}{4}$	$\frac{25}{52}$	$\Phi_{988}^2\ \Phi_{494}^2\ \Phi_{247}^2\ \Phi_{76}^3\ \Phi_{52}\ \Phi_{38}^3\ \Phi_{19}^3\ \Phi_{4}\ \Phi_{1}$
161541	1971	1248	$\frac{1}{26}$	$\frac{1}{24}$	$\frac{23}{96}$	$\frac{25}{52}$	$\Phi_{1248}^2\ \Phi_{624}^2\ \Phi_{416}^2\ \Phi_{208}^2\ \Phi_{96}^3\ \Phi_{52}\ \Phi_{48}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{4}\ \Phi_{1}$
161542	1971	2340	$\frac{1}{26}$	$\frac{1}{18}$	$\frac{17}{90}$	$\frac{25}{52}$	$\Phi_{2340}^2\ \Phi_{780}^2\ \Phi_{260}^2\ \Phi_{180}^2\ \Phi_{90}\ \Phi_{60}^2\ \Phi_{52}\ \Phi_{45}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
161543	1971	156	$\frac{1}{26}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{25}{52}$	$\Phi_{156}^{24}\ \Phi_{78}\ \Phi_{52}^{25}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}^{24}\ \Phi_{4}^{25}\ \Phi_{1}$
161544	1971	1092	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{25}{52}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{91}^2\ \Phi_{84}^3\ \Phi_{52}\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{7}^3\ \Phi_{4}\ \Phi_{1}$
161545	1971	1040	$\frac{1}{26}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{25}{52}$	$\Phi_{1040}^2\ \Phi_{520}^2\ \Phi_{260}^2\ \Phi_{208}^2\ \Phi_{130}^2\ \Phi_{80}^3\ \Phi_{65}^2\ \Phi_{52}\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{10}^3\ \Phi_{5}^3\ \Phi_{4}\ \Phi_{1}$
161546	1971	4212	$\frac{1}{26}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{25}{52}$	$\Phi_{4212}\ \Phi_{1404}\ \Phi_{324}\ \Phi_{108}\ \Phi_{81}\ \Phi_{52}\ \Phi_{27}\ \Phi_{4}\ \Phi_{1}$
161547	1971	2200	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{229}{2200}$	$\frac{211}{440}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{220}\ \Phi_{200}\ \Phi_{110}\ \Phi_{100}\ \Phi_{55}\ \Phi_{50}\ \Phi_{44}\ \Phi_{25}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
161548	1971	140	$\frac{3}{70}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{67}{140}$	$\Phi_{140}^{27}\ \Phi_{28}^{27}\ \Phi_{20}^{27}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{27}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
161549	1971	2090	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{199}{418}$	$\Phi_{2090}\ \Phi_{1045}\ \Phi_{209}\ \Phi_{190}\ \Phi_{110}^2\ \Phi_{95}\ \Phi_{55}^2\ \Phi_{22}\ \Phi_{19}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
161550	1971	80	$\frac{1}{20}$	$\frac{7}{80}$	$\frac{1}{10}$	$\frac{19}{40}$	$\Phi_{80}^{27}\ \Phi_{40}^{18}\ \Phi_{20}^{27}\ \Phi_{16}^{27}\ \Phi_{10}^{26}\ \Phi_{8}^{18}\ \Phi_{5}^{26}\ \Phi_{4}^{27}\ \Phi_{2}^{26}\ \Phi_{1}^{27}$
161551	1971	3740	$\frac{101}{1870}$	$\frac{9}{110}$	$\frac{1}{10}$	$\frac{1769}{3740}$	$\Phi_{3740}\ \Phi_{748}\ \Phi_{340}\ \Phi_{220}\ \Phi_{110}\ \Phi_{68}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
161552	1971	224	$\frac{5}{224}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{224}^9\ \Phi_{112}^9\ \Phi_{56}^9\ \Phi_{32}^9\ \Phi_{28}^8\ \Phi_{16}^9\ \Phi_{14}^7\ \Phi_{8}^9\ \Phi_{7}^7\ \Phi_{4}^7\ \Phi_{2}^6\ \Phi_{1}^7$
161553	1971	2444	$\frac{1}{47}$	$\frac{46}{611}$	$\frac{1}{4}$	$\frac{565}{1222}$	$\Phi_{2444}\ \Phi_{611}\ \Phi_{188}^2\ \Phi_{94}\ \Phi_{52}\ \Phi_{47}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
161554	1971	400	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{1}{10}$	$\frac{181}{400}$	$\Phi_{400}^9\ \Phi_{80}^9\ \Phi_{20}^9\ \Phi_{16}^9\ \Phi_{10}^8\ \Phi_{5}^8\ \Phi_{4}^9\ \Phi_{2}^8\ \Phi_{1}^9$
161555	1971	980	$\frac{11}{980}$	$\frac{1}{10}$	$\frac{323}{980}$	$\frac{9}{20}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{245}^2\ \Phi_{196}^2\ \Phi_{140}^2\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{49}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{4}^3\ \Phi_{2}^2\ \Phi_{1}^3$
161556	1971	2000	$\frac{29}{2000}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
161557	1971	2240	$\frac{11}{280}$	$\frac{1}{10}$	$\frac{269}{2240}$	$\frac{9}{20}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
161558	1971	700	$\frac{43}{700}$	$\frac{11}{140}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{700}^3\ \Phi_{350}^3\ \Phi_{175}^3\ \Phi_{140}^2\ \Phi_{100}^3\ \Phi_{70}^2\ \Phi_{50}^3\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{7}^2\ \Phi_{5}^2\ \Phi_{4}^3\ \Phi_{2}^2\ \Phi_{1}^3$
161559	1971	660	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{7}{66}$	$\frac{59}{132}$	$\Phi_{660}^6\ \Phi_{220}^6\ \Phi_{132}^3\ \Phi_{110}^2\ \Phi_{60}^6\ \Phi_{55}^2\ \Phi_{44}^3\ \Phi_{22}\ \Phi_{20}^6\ \Phi_{12}^3\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}^3\ \Phi_{1}$
161560	1971	3520	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{211}{1760}$	$\frac{1549}{3520}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{220}\ \Phi_{110}\ \Phi_{64}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$
161561	1971	1744	$\frac{1}{109}$	$\frac{1}{8}$	$\frac{36}{109}$	$\frac{7}{16}$	$\Phi_{1744}^2\ \Phi_{109}^2\ \Phi_{16}^3\ \Phi_{1}^3$
161562	1971	592	$\frac{1}{74}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{592}^6\ \Phi_{148}^2\ \Phi_{74}\ \Phi_{37}\ \Phi_{16}^3\ \Phi_{4}\ \Phi_{1}$
161563	1971	680	$\frac{23}{680}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{40}$	$\Phi_{680}^3\ \Phi_{340}^3\ \Phi_{170}^3\ \Phi_{136}^3\ \Phi_{85}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{20}^3\ \Phi_{17}^3\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^3\ \Phi_{2}^2\ \Phi_{1}^3$
161564	1971	2000	$\frac{29}{2000}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{100}\ \Phi_{80}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
161565	1971	376	$\frac{1}{94}$	$\frac{31}{188}$	$\frac{1}{4}$	$\frac{157}{376}$	$\Phi_{376}^9\ \Phi_{188}^2\ \Phi_{94}\ \Phi_{47}\ \Phi_{8}^9\ \Phi_{4}\ \Phi_{1}$
161566	1971	1100	$\frac{3}{110}$	$\frac{1}{10}$	$\frac{107}{550}$	$\frac{443}{1100}$	$\Phi_{1100}^3\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{100}^3\ \Phi_{55}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{20}^3\ \Phi_{11}^3\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^3\ \Phi_{2}^2\ \Phi_{1}^3$
161567	1971	655	$\frac{4}{655}$	$\frac{1}{5}$	$\frac{217}{655}$	$\frac{2}{5}$	$\Phi_{655}^3\ \Phi_{131}^3\ \Phi_{5}^4\ \Phi_{1}^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
161568	1971	1760	$\frac{1}{44}$	$\frac{1}{10}$	$\frac{43}{176}$	$\frac{133}{352}$	$\Phi_{1760}^{2}\ \Phi_{352}\ \Phi_{220}^{2}\ \Phi_{160}^{2}\ \Phi_{110}^{2}\ \Phi_{55}^{2}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{20}^{2}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
161569	1971	3160	$\frac{4}{395}$	$\frac{1}{5}$	$\frac{391}{1580}$	$\frac{1189}{3160}$	$\Phi_{3160}\ \Phi_{632}\ \Phi_{395}\ \Phi_{79}\ \Phi_{40}\ \Phi_{8}\ \Phi_{1}$
161570	1971	1184	$\frac{1}{74}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1184}^{2}\ \Phi_{592}^{2}\ \Phi_{148}^{2}\ \Phi_{74}\ \Phi_{37}\ \Phi_{32}\ \Phi_{16}\ \Phi_{4}\ \Phi_{1}$
161571	1971	1120	$\frac{5}{224}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1120}^{2}\ \Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{224}\ \Phi_{160}^{2}\ \Phi_{140}^{2}\ \Phi_{112}\ \Phi_{80}^{2}\ \Phi_{70}^{2}\ \Phi_{56}\ \Phi_{35}^{2}\ \Phi_{32}\ \Phi_{28}\ \Phi_{20}^{2}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
161572	1971	518	$\frac{1}{74}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{518}^{4}\ \Phi_{259}^{4}\ \Phi_{74}^{3}\ \Phi_{37}^{3}\ \Phi_{14}\ \Phi_{7}^{3}\ \Phi_{1}^{3}$
161573	1971	110	$\frac{1}{55}$	$\frac{1}{10}$	$\frac{18}{55}$	$\frac{37}{110}$	$\Phi_{110}^{17}\ \Phi_{55}^{19}\ \Phi_{22}^{17}\ \Phi_{11}^{19}\ \Phi_{10}^{16}\ \Phi_{5}^{18}\ \Phi_{2}^{16}\ \Phi_{1}^{19}$
161574	1971	975	$\frac{2}{75}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{975}^{2}\ \Phi_{325}^{2}\ \Phi_{195}^{2}\ \Phi_{75}^{3}\ \Phi_{65}^{2}\ \Phi_{25}^{3}\ \Phi_{15}^{3}\ \Phi_{13}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
161575	1971	300	$\frac{2}{75}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{300}^{9}\ \Phi_{150}^{4}\ \Phi_{100}^{9}\ \Phi_{75}^{5}\ \Phi_{60}^{7}\ \Phi_{50}^{4}\ \Phi_{30}^{3}\ \Phi_{25}^{5}\ \Phi_{20}^{9}\ \Phi_{15}^{4}\ \Phi_{12}^{8}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{9}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
161576	1971	436	$\frac{1}{109}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{36}{109}$	$\Phi_{436}^{4}\ \Phi_{218}^{4}\ \Phi_{109}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
161577	1971	197	$\frac{2}{197}$	$\frac{44}{197}$	$\frac{51}{197}$	$\frac{65}{197}$	$\Phi_{197}^{10}\ \Phi_{1}^{11}$
161578	1971	188	$\frac{1}{94}$	$\frac{21}{94}$	$\frac{1}{4}$	$\frac{31}{94}$	$\Phi_{188}^{14}\ \Phi_{94}^{7}\ \Phi_{47}^{7}\ \Phi_{4}^{13}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
161579	1971	325	$\frac{7}{325}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{106}{325}$	$\Phi_{325}^{6}\ \Phi_{65}^{6}\ \Phi_{25}^{7}\ \Phi_{13}^{6}\ \Phi_{5}^{6}\ \Phi_{1}^{7}$
161580	1971	1404	$\frac{1}{36}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{35}{108}$	$\Phi_{1404}^{2}\ \Phi_{702}^{2}\ \Phi_{351}^{2}\ \Phi_{108}^{3}\ \Phi_{54}^{3}\ \Phi_{27}^{3}\ \Phi_{13}^{2}\ \Phi_{1}^{3}$
161581	1971	540	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{35}{108}$	$\Phi_{540}^{6}\ \Phi_{270}^{6}\ \Phi_{135}^{6}\ \Phi_{108}^{3}\ \Phi_{54}^{3}\ \Phi_{27}^{3}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
161582	1971	644	$\frac{13}{322}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{103}{322}$	$\Phi_{644}^{4}\ \Phi_{322}^{2}\ \Phi_{161}^{2}\ \Phi_{92}^{4}\ \Phi_{46}^{2}\ \Phi_{28}^{6}\ \Phi_{23}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
161583	1971	440	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{15}{88}$	$\frac{7}{22}$	$\Phi_{440}^{6}\ \Phi_{220}^{6}\ \Phi_{110}^{2}\ \Phi_{88}^{3}\ \Phi_{55}^{2}\ \Phi_{44}^{3}\ \Phi_{40}^{6}\ \Phi_{22}\ \Phi_{20}^{6}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{5}\ \Phi_{4}^{3}\ \Phi_{1}$
161584	1971	320	$\frac{17}{320}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{101}{320}$	$\Phi_{320}^{6}\ \Phi_{160}^{6}\ \Phi_{80}^{6}\ \Phi_{64}^{6}\ \Phi_{40}^{6}\ \Phi_{32}^{6}\ \Phi_{20}^{9}\ \Phi_{16}^{6}\ \Phi_{10}^{8}\ \Phi_{8}^{6}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
161585	1971	988	$\frac{3}{76}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{4}{13}$	$\Phi_{988}^{2}\ \Phi_{494}^{2}\ \Phi_{247}^{2}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{19}^{3}\ \Phi_{13}^{2}\ \Phi_{1}^{3}$
161586	1971	1248	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{23}{96}$	$\frac{4}{13}$	$\Phi_{1248}^{2}\ \Phi_{624}^{2}\ \Phi_{416}^{2}\ \Phi_{208}^{2}\ \Phi_{96}^{3}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{13}^{2}\ \Phi_{1}^{3}$
161587	1971	1170	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{17}{90}$	$\frac{4}{13}$	$\Phi_{1170}^{2}\ \Phi_{585}^{2}\ \Phi_{390}^{2}\ \Phi_{195}^{2}\ \Phi_{130}^{2}\ \Phi_{90}^{3}\ \Phi_{65}^{2}\ \Phi_{45}^{3}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{13}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
161588	1971	78	$\frac{5}{78}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{4}{13}$	$\Phi_{78}^{25}\ \Phi_{39}^{25}\ \Phi_{26}^{25}\ \Phi_{13}^{27}\ \Phi_{6}^{24}\ \Phi_{3}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{27}$
161589	1971	1092	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{4}{13}$	$\Phi_{1092}^{2}\ \Phi_{546}^{2}\ \Phi_{364}^{2}\ \Phi_{273}^{2}\ \Phi_{182}^{2}\ \Phi_{91}^{2}\ \Phi_{84}^{3}\ \Phi_{42}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{14}^{3}\ \Phi_{13}^{2}\ \Phi_{7}^{3}\ \Phi_{1}^{3}$
161590	1971	1040	$\frac{1}{13}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{4}{13}$	$\Phi_{1040}^{2}\ \Phi_{520}^{2}\ \Phi_{260}^{2}\ \Phi_{208}^{2}\ \Phi_{130}^{2}\ \Phi_{80}^{3}\ \Phi_{65}^{2}\ \Phi_{40}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{13}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
161591	1971	1053	$\frac{1}{13}$	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{4}{13}$	$\Phi_{1053}^{2}\ \Phi_{351}^{2}\ \Phi_{81}^{3}\ \Phi_{27}^{3}\ \Phi_{13}^{2}\ \Phi_{1}^{3}$
161592	1971	260	$\frac{7}{130}$	$\frac{1}{10}$	$\frac{41}{260}$	$\frac{3}{10}$	$\Phi_{260}^{9}\ \Phi_{130}^{6}\ \Phi_{65}^{6}\ \Phi_{52}^{9}\ \Phi_{26}^{6}\ \Phi_{20}^{9}\ \Phi_{13}^{6}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
161593	1971	700	$\frac{43}{700}$	$\frac{1}{10}$	$\frac{7}{50}$	$\frac{3}{10}$	$\Phi_{700}^{3}\ \Phi_{350}^{3}\ \Phi_{175}^{3}\ \Phi_{140}^{3}\ \Phi_{100}^{3}\ \Phi_{70}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{3}\ \Phi_{20}^{3}\ \Phi_{14}^{3}\ \Phi_{10}^{2}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
161594	1971	80	$\frac{7}{80}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{3}{10}$	$\Phi_{80}^{27}\ \Phi_{40}^{27}\ \Phi_{20}^{27}\ \Phi_{16}^{27}\ \Phi_{10}^{8}\ \Phi_{8}^{27}\ \Phi_{5}^{8}\ \Phi_{4}^{27}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
161595	1971	224	$\frac{5}{224}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{224}^{9}\ \Phi_{112}^{9}\ \Phi_{56}^{9}\ \Phi_{32}^{9}\ \Phi_{28}^{7}\ \Phi_{16}^{9}\ \Phi_{14}^{7}\ \Phi_{8}^{9}\ \Phi_{7}^{9}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
161596	1971	75	$\frac{2}{75}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{75}^{27}\ \Phi_{25}^{25}\ \Phi_{15}^{27}\ \Phi_{5}^{24}\ \Phi_{3}^{27}\ \Phi_{1}^{25}$
161597	1971	100	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{19}{100}$	$\frac{27}{100}$	$\Phi_{100}^{18}\ \Phi_{50}^{18}\ \Phi_{25}^{18}\ \Phi_{20}^{27}\ \Phi_{10}^{26}\ \Phi_{5}^{26}\ \Phi_{4}^{27}\ \Phi_{2}^{26}\ \Phi_{1}^{27}$
161598	1971	880	$\frac{9}{220}$	$\frac{1}{10}$	$\frac{211}{880}$	$\frac{223}{880}$	$\Phi_{880}^{2}\ \Phi_{440}^{2}\ \Phi_{220}^{3}\ \Phi_{176}^{2}\ \Phi_{110}^{3}\ \Phi_{88}^{2}\ \Phi_{80}^{2}\ \Phi_{55}^{3}\ \Phi_{44}^{3}\ \Phi_{40}^{2}\ \Phi_{22}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{2}\ \Phi_{11}^{3}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
161599	1971	148	$\frac{1}{74}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{148}^{14}\ \Phi_{74}^{13}\ \Phi_{37}^{13}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
161600	1971	380	$\frac{3}{76}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{380}^{6}\ \Phi_{190}^{6}\ \Phi_{95}^{6}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{20}^{2}\ \Phi_{19}^{3}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
161601	1971	868	$\frac{6}{217}$	$\frac{1}{7}$	$\frac{211}{868}$	$\frac{1}{4}$	$\Phi_{868}^{2}\ \Phi_{434}^{2}\ \Phi_{217}^{3}\ \Phi_{124}^{2}\ \Phi_{62}^{2}\ \Phi_{31}^{3}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
161602	1971	480	$\frac{1}{24}$	$\frac{1}{10}$	$\frac{23}{96}$	$\frac{1}{4}$	$\Phi_{480}^{6}\ \Phi_{240}^{6}\ \Phi_{160}^{6}\ \Phi_{96}^{3}\ \Phi_{80}^{6}\ \Phi_{48}^{3}\ \Phi_{32}^{3}\ \Phi_{20}^{2}\ \Phi_{16}^{3}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
161603	1971	188	$\frac{2}{47}$	$\frac{5}{47}$	$\frac{21}{94}$	$\frac{1}{4}$	$\Phi_{188}^{14}\ \Phi_{94}^{5}\ \Phi_{47}^{9}\ \Phi_{4}^{13}\ \Phi_{2}^{4}\ \Phi_{1}^{9}$
161604	1971	180	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{17}{90}$	$\frac{1}{4}$	$\Phi_{180}^{14}\ \Phi_{90}^{7}\ \Phi_{60}^{14}\ \Phi_{45}^{7}\ \Phi_{36}^{16}\ \Phi_{30}^{7}\ \Phi_{20}^{16}\ \Phi_{18}^{8}\ \Phi_{15}^{7}\ \Phi_{12}^{16}\ \Phi_{10}^{8}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{17}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
161605	1971	780	$\frac{5}{78}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{780}^{4}\ \Phi_{390}^{2}\ \Phi_{260}^{4}\ \Phi_{195}^{2}\ \Phi_{156}^{2}\ \Phi_{130}^{2}\ \Phi_{78}\ \Phi_{65}^{2}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{26}\ \Phi_{20}^{2}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
161606	1971	420	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{84}$	$\frac{1}{4}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{140}^{6}\ \Phi_{105}^{6}\ \Phi_{84}^{3}\ \Phi_{70}^{6}\ \Phi_{42}^{3}\ \Phi_{35}^{6}\ \Phi_{28}^{3}\ \Phi_{21}^{3}\ \Phi_{20}^{2}\ \Phi_{14}^{3}\ \Phi_{10}\ \Phi_{7}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
161607	1971	80	$\frac{7}{80}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{80}^{27}\ \Phi_{40}^{21}\ \Phi_{20}^{23}\ \Phi_{16}^{27}\ \Phi_{10}^{22}\ \Phi_{8}^{24}\ \Phi_{5}^{22}\ \Phi_{4}^{25}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
161608	1971	1620	$\frac{8}{81}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{4}$	$\Phi_{1620}^{2}\ \Phi_{810}\ \Phi_{540}^{2}\ \Phi_{405}\ \Phi_{324}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}\ \Phi_{81}\ \Phi_{27}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
161609	1971	2600	$\frac{21}{650}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{629}{2600}$	$\Phi_{2600}\ \Phi_{1300}\ \Phi_{520}\ \Phi_{260}\ \Phi_{200}\ \Phi_{104}\ \Phi_{100}\ \Phi_{52}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
161610	1971	280	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{280}$	$\Phi_{280}^{9}\ \Phi_{140}^{9}\ \Phi_{56}^{9}\ \Phi_{40}^{9}\ \Phi_{28}^{9}\ \Phi_{20}^{9}\ \Phi_{10}^{8}\ \Phi_{8}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
161611	1971	80	$\frac{7}{80}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{17}{80}$	$\Phi_{80}^{24}\ \Phi_{40}^{24}\ \Phi_{20}^{27}\ \Phi_{16}^{24}\ \Phi_{10}^{26}\ \Phi_{8}^{24}\ \Phi_{5}^{26}\ \Phi_{4}^{27}\ \Phi_{2}^{26}\ \Phi_{1}^{27}$
161612	1971	700	$\frac{43}{700}$	$\frac{7}{50}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{700}^{3}\ \Phi_{350}^{3}\ \Phi_{175}^{3}\ \Phi_{140}^{3}\ \Phi_{100}^{3}\ \Phi_{70}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{3}\ \Phi_{25}\ \Phi_{20}^{3}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{3}\ \Phi_{1}$
161613	1971	2275	$\frac{21}{325}$	$\frac{304}{2275}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{2275}\ \Phi_{455}\ \Phi_{175}\ \Phi_{91}\ \Phi_{35}\ \Phi_{25}\ \Phi_{7}\ \Phi_{1}$
161614	1971	800	$\frac{1}{10}$	$\frac{17}{160}$	$\frac{3}{20}$	$\frac{143}{800}$	$\Phi_{800}^{3}\ \Phi_{400}^{3}\ \Phi_{200}^{3}\ \Phi_{100}^{3}\ \Phi_{50}^{3}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
161615	1972	984	$\frac{1}{492}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{491}{984}$	$\Phi_{984}^{4}\ \Phi_{328}^{4}\ \Phi_{24}^{4}\ \Phi_{8}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
161616	1972	1974	$\frac{1}{329}$	$\frac{165}{658}$	$\frac{1}{3}$	$\frac{164}{329}$	$\Phi_{1974}^{2}\ \Phi_{987}\ \Phi_{282}^{2}\ \Phi_{141}\ \Phi_{42}^{2}\ \Phi_{21}\ \Phi_{6}^{2}$
161617	1972	876	$\frac{1}{219}$	$\frac{55}{438}$	$\frac{383}{876}$	$\frac{109}{219}$	$\Phi_{876}^{4}\ \Phi_{292}^{4}\ \Phi_{219}\ \Phi_{73}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
161618	1972	657	$\frac{1}{219}$	$\frac{164}{657}$	$\frac{55}{219}$	$\frac{109}{219}$	$\Phi_{657}^{4}\ \Phi_{219}\ \Phi_{73}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
161619	1972	981	$\frac{5}{981}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{488}{981}$	$\Phi_{981}^{2}\ \Phi_{327}^{2}\ \Phi_{109}^{2}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
161620	1972	2940	$\frac{3}{490}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{487}{980}$	$\Phi_{2940}^{2}\ \Phi_{588}^{2}\ \Phi_{420}^{2}\ \Phi_{84}^{2}\ \Phi_{60}^{2}\ \Phi_{21}\ \Phi_{12}^{2}$
161621	1972	564	$\frac{1}{141}$	$\frac{71}{564}$	$\frac{1}{3}$	$\frac{70}{141}$	$\Phi_{564}^{4}\ \Phi_{282}^{4}\ \Phi_{188}^{4}\ \Phi_{141}^{2}\ \Phi_{94}^{4}\ \Phi_{47}^{2}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
161622	1972	3680	$\frac{1}{115}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{57}{115}$	$\Phi_{3680}\ \Phi_{736}\ \Phi_{160}\ \Phi_{115}\ \Phi_{32}^{2}\ \Phi_{23}\ \Phi_{5}\ \Phi_{1}^{2}$
161623	1972	2760	$\frac{1}{115}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{57}{115}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{120}\ \Phi_{115}\ \Phi_{69}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{23}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
161624	1972	460	$\frac{1}{115}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{57}{115}$	$\Phi_{460}^{4}\ \Phi_{230}^{4}\ \Phi_{115}^{5}\ \Phi_{92}^{4}\ \Phi_{46}^{4}\ \Phi_{23}^{5}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
161625	1972	1953	$\frac{19}{1953}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{967}{1953}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{279}\ \Phi_{217}\ \Phi_{93}\ \Phi_{63}\ \Phi_{31}\ \Phi_{21}^{2}\ \Phi_{9}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
161626	1972	949	$\frac{1}{73}$	$\frac{37}{949}$	$\frac{456}{949}$	$\frac{36}{73}$	$\Phi_{949}^{2}\ \Phi_{73}^{3}\ \Phi_{13}^{2}\ \Phi_{1}^{4}$
161627	1972	972	$\frac{7}{486}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{479}{972}$	$\Phi_{972}^{4}\ \Phi_{324}^{4}\ \Phi_{108}^{4}\ \Phi_{36}^{4}\ \Phi_{27}\ \Phi_{12}^{4}\ \Phi_{9}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
161628	1972	972	$\frac{7}{486}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{479}{972}$	$\Phi_{972}^{4}\ \Phi_{324}^{4}\ \Phi_{108}^{4}\ \Phi_{36}^{4}\ \Phi_{12}^{4}\ \Phi_{9}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
161629	1972	3752	$\frac{1}{67}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{33}{67}$	$\Phi_{3752}\ \Phi_{536}\ \Phi_{67}\ \Phi_{56}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
161630	1972	2814	$\frac{1}{67}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{33}{67}$	$\Phi_{2814}\ \Phi_{1407}\ \Phi_{402}\ \Phi_{201}\ \Phi_{67}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
161631	1972	2144	$\frac{1}{67}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{33}{67}$	$\Phi_{2144}\ \Phi_{1072}\ \Phi_{536}\ \Phi_{67}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
161632	1972	2345	$\frac{1}{67}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{33}{67}$	$\Phi_{2345}\ \Phi_{335}\ \Phi_{67}\ \Phi_{35}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
161633	1972	627	$\frac{1}{57}$	$\frac{1}{33}$	$\frac{16}{33}$	$\frac{28}{57}$	$\Phi_{627}^{3}\ \Phi_{209}^{3}\ \Phi_{57}^{4}\ \Phi_{33}^{4}\ \Phi_{19}^{4}\ \Phi_{11}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
161634	1972	342	$\frac{1}{57}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{28}{57}$	$\Phi_{342}^{6}\ \Phi_{171}^{6}\ \Phi_{114}^{6}\ \Phi_{57}^{4}\ \Phi_{38}^{6}\ \Phi_{19}^{4}\ \Phi_{18}^{8}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{6}$
161635	1972	1254	$\frac{1}{57}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{28}{57}$	$\Phi_{1254}^{2}\ \Phi_{627}\ \Phi_{418}^{2}\ \Phi_{209}\ \Phi_{114}^{2}\ \Phi_{66}^{2}\ \Phi_{57}^{2}\ \Phi_{38}^{2}\ \Phi_{33}\ \Phi_{22}^{4}\ \Phi_{19}^{2}\ \Phi_{11}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
161636	1972	1971	$\frac{35}{1971}$	$\frac{59}{1971}$	$\frac{956}{1971}$	$\frac{968}{1971}$	$\Phi_{1971}\ \Phi_{657}\ \Phi_{219}\ \Phi_{73}\ \Phi_{27}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
161637	1972	1935	$\frac{37}{1935}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{949}{1935}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{387}\ \Phi_{215}\ \Phi_{129}\ \Phi_{45}^2\ \Phi_{43}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
161638	1972	594	$\frac{2}{99}$	$\frac{1}{9}$	$\frac{101}{594}$	$\frac{97}{198}$	$\Phi_{594}^4\ \Phi_{297}^4\ \Phi_{99}^4\ \Phi_{54}^4\ \Phi_{33}^4\ \Phi_{27}^4\ \Phi_{11}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
161639	1972	966	$\frac{10}{483}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{473}{966}$	$\Phi_{966}^4\ \Phi_{322}^4\ \Phi_{138}^4\ \Phi_{46}^4\ \Phi_{42}^4\ \Phi_{21}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
161640	1972	1551	$\frac{1}{47}$	$\frac{24}{517}$	$\frac{1}{3}$	$\frac{23}{47}$	$\Phi_{1551}^2\ \Phi_{141}\ \Phi_{33}^2$
161641	1972	4810	$\frac{12}{481}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{469}{962}$	$\Phi_{4810}\ \Phi_{370}\ \Phi_{130}\ \Phi_{65}\ \Phi_{10}$
161642	1972	234	$\frac{1}{39}$	$\frac{1}{18}$	$\frac{10}{39}$	$\frac{19}{39}$	$\Phi_{234}^9\ \Phi_{117}^9\ \Phi_{78}^9\ \Phi_{39}^6\ \Phi_{26}^9\ \Phi_{18}^8\ \Phi_{13}^6\ \Phi_9^8\ \Phi_6^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
161643	1972	2660	$\frac{1}{38}$	$\frac{39}{532}$	$\frac{1}{5}$	$\frac{37}{76}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{665}\ \Phi_{190}\ \Phi_{140}\ \Phi_{95}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}$
161644	1972	330	$\frac{1}{33}$	$\frac{1}{30}$	$\frac{1}{3}$	$\frac{16}{33}$	$\Phi_{330}^6\ \Phi_{165}^6\ \Phi_{110}^6\ \Phi_{66}^6\ \Phi_{55}^6\ \Phi_{33}^4\ \Phi_{30}^8\ \Phi_{22}^6\ \Phi_{15}^8\ \Phi_{11}^4\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^8\ \Phi_3^5\ \Phi_2^8\ \Phi_1^6$
161645	1972	1254	$\frac{1}{33}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{16}{33}$	$\Phi_{1254}^2\ \Phi_{627}\ \Phi_{418}^2\ \Phi_{209}\ \Phi_{114}^2\ \Phi_{66}^2\ \Phi_{57}\ \Phi_{38}^4\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
161646	1972	1971	$\frac{65}{1971}$	$\frac{86}{1971}$	$\frac{509}{1971}$	$\frac{953}{1971}$	$\Phi_{1971}\ \Phi_{657}\ \Phi_{219}\ \Phi_{73}\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
161647	1972	987	$\frac{10}{329}$	$\frac{11}{329}$	$\frac{1}{3}$	$\frac{159}{329}$	$\Phi_{987}^3\ \Phi_{141}^3\ \Phi_{21}^3\ \Phi_3^2$
161648	1972	840	$\frac{1}{35}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{27}{56}$	$\Phi_{840}^7\ \Phi_{168}^6\ \Phi_{120}^7\ \Phi_{105}\ \Phi_{24}^6\ \Phi_{21}\ \Phi_{15}$
161649	1972	3752	$\frac{1}{28}$	$\frac{3}{67}$	$\frac{16}{67}$	$\frac{27}{56}$	$\Phi_{3752}\ \Phi_{536}\ \Phi_{67}\ \Phi_{56}^2\ \Phi_8^2\ \Phi_1^2$
161650	1972	2520	$\frac{1}{28}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{27}{56}$	$\Phi_{2520}^2\ \Phi_{840}^2\ \Phi_{360}^2\ \Phi_{280}\ \Phi_{120}^2\ \Phi_{90}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
161651	1972	729	$\frac{7}{243}$	$\frac{1}{27}$	$\frac{236}{729}$	$\frac{13}{27}$	$\Phi_{729}^4\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
161652	1972	513	$\frac{1}{27}$	$\frac{20}{513}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{513}^4\ \Phi_{171}^4\ \Phi_{57}^4\ \Phi_{27}\ \Phi_{19}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
161653	1972	648	$\frac{1}{27}$	$\frac{7}{162}$	$\frac{155}{648}$	$\frac{13}{27}$	$\Phi_{648}^4\ \Phi_{324}^4\ \Phi_{216}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{36}^4\ \Phi_{27}\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_9\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
161654	1972	1215	$\frac{1}{27}$	$\frac{14}{243}$	$\frac{229}{1215}$	$\frac{13}{27}$	$\Phi_{1215}^2\ \Phi_{405}^2\ \Phi_{135}^2\ \Phi_{45}^2\ \Phi_{27}\ \Phi_{15}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
161655	1972	1053	$\frac{1}{27}$	$\frac{67}{1053}$	$\frac{14}{81}$	$\frac{13}{27}$	$\Phi_{1053}^2\ \Phi_{351}^2\ \Phi_{117}^2\ \Phi_{39}^2\ \Phi_{27}\ \Phi_{13}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
161656	1972	567	$\frac{1}{27}$	$\frac{7}{81}$	$\frac{74}{567}$	$\frac{13}{27}$	$\Phi_{567}^4\ \Phi_{189}^4\ \Phi_{63}^4\ \Phi_{27}\ \Phi_{21}^4\ \Phi_9\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
161657	1972	540	$\frac{1}{27}$	$\frac{47}{540}$	$\frac{7}{54}$	$\frac{13}{27}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{27}\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9\ \Phi_5^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
161658	1972	950	$\frac{18}{475}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{457}{950}$	$\Phi_{950}^4\ \Phi_{190}^4\ \Phi_{95}\ \Phi_{50}^4\ \Phi_{38}^4\ \Phi_{10}^4\ \Phi_2^4$
161659	1972	520	$\frac{1}{26}$	$\frac{27}{520}$	$\frac{1}{5}$	$\frac{25}{52}$	$\Phi_{520}^4\ \Phi_{260}^3\ \Phi_{130}^4\ \Phi_{104}^4\ \Phi_{65}^4\ \Phi_{52}^4\ \Phi_{40}^4\ \Phi_{26}^4\ \Phi_{20}^3\ \Phi_{13}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
161660	1972	945	$\frac{41}{945}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{452}{945}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^4\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{15}^4\ \Phi_9^3\ \Phi_7^2\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
161661	1972	690	$\frac{1}{30}$	$\frac{1}{23}$	$\frac{6}{23}$	$\frac{11}{23}$	$\Phi_{690}^3\ \Phi_{345}^3\ \Phi_{230}^3\ \Phi_{138}^3\ \Phi_{115}^3\ \Phi_{69}^3\ \Phi_{46}^3\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_2^2$
161662	1972	540	$\frac{2}{45}$	$\frac{47}{540}$	$\frac{1}{9}$	$\frac{43}{90}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{60}^4\ \Phi_{54}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
161663	1972	504	$\frac{11}{504}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{72}^4\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^2\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_7^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
161664	1972	1881	$\frac{91}{1881}$	$\frac{8}{99}$	$\frac{1}{9}$	$\frac{895}{1881}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{209}\ \Phi_{171}\ \Phi_{99}^2\ \Phi_{57}\ \Phi_{33}^2\ \Phi_{19}\ \Phi_{11}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
161665	1972	2820	$\frac{1}{47}$	$\frac{23}{470}$	$\frac{1}{3}$	$\frac{447}{940}$	$\Phi_{2820}^2\ \Phi_{564}^2\ \Phi_{141}\ \Phi_{60}^2\ \Phi_{12}^2$
161666	1972	4680	$\frac{1}{26}$	$\frac{25}{468}$	$\frac{1}{5}$	$\frac{443}{936}$	$\Phi_{4680}\ \Phi_{1560}\ \Phi_{520}\ \Phi_{360}\ \Phi_{130}\ \Phi_{120}\ \Phi_{65}\ \Phi_{40}\ \Phi_{10}$
161667	1972	1971	$\frac{50}{1971}$	$\frac{113}{1971}$	$\frac{521}{1971}$	$\frac{929}{1971}$	$\Phi_{1971}\ \Phi_{657}\ \Phi_{219}\ \Phi_{73}\ \Phi_{27}\ \Phi_9\ \Phi_3\ \Phi_1^2$
161668	1972	987	$\frac{6}{329}$	$\frac{19}{329}$	$\frac{1}{3}$	$\frac{155}{329}$	$\Phi_{987}^3\ \Phi_{141}^3\ \Phi_{21}^3\ \Phi_3^2$
161669	1972	5664	$\frac{1}{59}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{15}{32}$	$\Phi_{5664}\ \Phi_{177}$
161670	1972	3680	$\frac{3}{115}$	$\frac{1}{16}$	$\frac{28}{115}$	$\frac{15}{32}$	$\Phi_{3680}\ \Phi_{736}\ \Phi_{160}\ \Phi_{115}\ \Phi_{32}^2\ \Phi_{23}\ \Phi_5\ \Phi_1^2$
161671	1972	480	$\frac{1}{30}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{480}^8\ \Phi_{160}^7\ \Phi_{96}^8\ \Phi_{32}^8\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
161672	1972	2208	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{11}{69}$	$\frac{15}{32}$	$\Phi_{2208}^2\ \Phi_{736}\ \Phi_{96}^2\ \Phi_{69}^2\ \Phi_{32}^2\ \Phi_{23}\ \Phi_3^2\ \Phi_1^2$
161673	1972	1242	$\frac{1}{69}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{25}{54}$	$\Phi_{1242}^3\ \Phi_{414}^3\ \Phi_{138}^3\ \Phi_{69}^2\ \Phi_{54}^2\ \Phi_{46}^3\ \Phi_{23}^2\ \Phi_{18}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
161674	1972	162	$\frac{1}{27}$	$\frac{2}{27}$	$\frac{13}{81}$	$\frac{25}{54}$	$\Phi_{162}^{27}\ \Phi_{81}^2\ \Phi_{54}^{14}\ \Phi_{27}\ \Phi_{18}^{14}\ \Phi_9\ \Phi_6^{14}\ \Phi_3\ \Phi_2^{14}\ \Phi_1^2$
161675	1972	54	$\frac{1}{18}$	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{25}{54}$	$\Phi_{54}^{32}\ \Phi_{27}^{36}\ \Phi_{18}^{40}\ \Phi_9^{43}\ \Phi_6^{40}\ \Phi_3^{43}\ \Phi_2^{40}\ \Phi_1^{44}$
161676	1972	1833	$\frac{2}{141}$	$\frac{139}{1833}$	$\frac{1}{3}$	$\frac{847}{1833}$	$\Phi_{1833}\ \Phi_{611}\ \Phi_{141}^2\ \Phi_{47}^2\ \Phi_{39}\ \Phi_{13}\ \Phi_3\ \Phi_1^2$
161677	1972	1170	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{7}{65}$	$\frac{6}{13}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{390}^2\ \Phi_{234}\ \Phi_{195}^2\ \Phi_{130}^2\ \Phi_{117}\ \Phi_{90}^2\ \Phi_{78}\ \Phi_{45}^2\ \Phi_{39}\ \Phi_{30}^2\ \Phi_{26}\ \Phi_{15}^2\ \Phi_{10}^2$
161678	1972	4560	$\frac{1}{38}$	$\frac{37}{456}$	$\frac{1}{5}$	$\frac{419}{912}$	$\Phi_{4560}\ \Phi_{1520}\ \Phi_{240}\ \Phi_{190}\ \Phi_{95}\ \Phi_{80}\ \Phi_{10}$
161679	1972	900	$\frac{2}{45}$	$\frac{43}{450}$	$\frac{1}{9}$	$\frac{407}{900}$	$\Phi_{900}^4\ \Phi_{300}^4\ \Phi_{180}^4\ \Phi_{100}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
161680	1972	2760	$\frac{1}{69}$	$\frac{1}{10}$	$\frac{11}{40}$	$\frac{9}{20}$	$\Phi_{2760}\ \Phi_{920}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{230}\ \Phi_{184}\ \Phi_{138}\ \Phi_{120}\ \Phi_{115}\ \Phi_{46}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
161681	1972	891	$\frac{4}{99}$	$\frac{95}{891}$	$\frac{1}{9}$	$\frac{398}{891}$	$\Phi_{891}^2\ \Phi_{297}^2\ \Phi_{99}^4\ \Phi_{81}^2\ \Phi_{33}^4\ \Phi_{27}^2\ \Phi_{11}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
161682	1972	126	$\frac{1}{18}$	$\frac{5}{63}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{126}^{18}\ \Phi_{63}^{16}\ \Phi_{42}^{18}\ \Phi_{21}^{16}\ \Phi_{18}^8\ \Phi_{14}^{18}\ \Phi_9^7\ \Phi_7^{16}\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
161683	1972	468	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{3}{26}$	$\frac{23}{52}$	$\Phi_{468}^8\ \Phi_{234}\ \Phi_{156}^8\ \Phi_{117}\ \Phi_{78}\ \Phi_{52}^4\ \Phi_{39}\ \Phi_{36}^8\ \Phi_{26}\ \Phi_{12}^8\ \Phi_4^4$
161684	1972	876	$\frac{1}{73}$	$\frac{55}{438}$	$\frac{18}{73}$	$\frac{383}{876}$	$\Phi_{876}^4\ \Phi_{292}^4\ \Phi_{73}^3\ \Phi_{12}^4\ \Phi_4^4\ \Phi_1^4$
161685	1972	1170	$\frac{1}{117}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1170}^3\ \Phi_{390}^3\ \Phi_{234}^3\ \Phi_{130}^3\ \Phi_{117}^2\ \Phi_{90}^3\ \Phi_{78}^3\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}^3\ \Phi_{18}^3\ \Phi_{13}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
161686	1972	1770	$\frac{1}{59}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{30}$	$\Phi_{1770}^2\ \Phi_{590}^2\ \Phi_{354}^2\ \Phi_{295}\ \Phi_{118}^2$
161687	1972	1491	$\frac{4}{497}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1491}^2\ \Phi_{213}^2\ \Phi_{21}$
161688	1972	1239	$\frac{1}{59}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{1239}^2\ \Phi_{413}\ \Phi_{177}^2$
161689	1972	3450	$\frac{1}{69}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{50}$	$\Phi_{3450}\ \Phi_{1150}\ \Phi_{690}\ \Phi_{345}\ \Phi_{230}\ \Phi_{150}\ \Phi_{138}\ \Phi_{115}\ \Phi_{46}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
161690	1972	846	$\frac{1}{141}$	$\frac{70}{423}$	$\frac{1}{3}$	$\frac{353}{846}$	$\Phi_{846}^4\ \Phi_{282}^4\ \Phi_{141}^2\ \Phi_{94}^4\ \Phi_{47}^2\ \Phi_{18}^4\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
161691	1972	936	$\frac{1}{117}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{936}^3\ \Phi_{312}^3\ \Phi_{234}^3\ \Phi_{117}^2\ \Phi_{104}^3\ \Phi_{78}^3\ \Phi_{72}^3\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{24}^2\ \Phi_{18}^3\ \Phi_{13}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
161692	1972	828	$\frac{1}{69}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{828}^3\ \Phi_{414}^3\ \Phi_{207}^3\ \Phi_{138}^3\ \Phi_{69}^2\ \Phi_{46}^3\ \Phi_{36}^2\ \Phi_{23}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
161693	1972	1180	$\frac{1}{59}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1180}^2\ \Phi_{590}^2\ \Phi_{295}\ \Phi_{236}^2\ \Phi_{118}^2$
161694	1972	1104	$\frac{1}{69}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{1104}^3\ \Phi_{368}^3\ \Phi_{138}^3\ \Phi_{69}^2\ \Phi_{48}^2\ \Phi_{46}^3\ \Phi_{23}^2\ \Phi_{16}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
161695	1972	1652	$\frac{1}{59}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{1652}^2\ \Phi_{413}\ \Phi_{236}^2$
161696	1972	504	$\frac{11}{504}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{72}^4\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_7^4\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
161697	1972	792	$\frac{2}{99}$	$\frac{1}{9}$	$\frac{97}{396}$	$\frac{299}{792}$	$\Phi_{792}^4\ \Phi_{264}^4\ \Phi_{99}^4\ \Phi_{88}^4\ \Phi_{72}^4\ \Phi_{33}^4\ \Phi_{24}^4\ \Phi_{11}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_3^3\ \Phi_1^4$
161698	1972	584	$\frac{1}{73}$	$\frac{91}{584}$	$\frac{18}{73}$	$\frac{55}{146}$	$\Phi_{584}^4\ \Phi_{292}^4\ \Phi_{73}^3\ \Phi_8^4\ \Phi_4^4\ \Phi_1^4$
161699	1972	1533	$\frac{1}{73}$	$\frac{72}{511}$	$\frac{439}{1533}$	$\frac{547}{1533}$	$\Phi_{1533}\ \Phi_{511}^2\ \Phi_{219}\ \Phi_{73}\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
161700	1972	1485	$\frac{8}{495}$	$\frac{1}{9}$	$\frac{487}{1485}$	$\frac{499}{1485}$	$\Phi_{1485}\ \Phi_{495}^2\ \Phi_{297}\ \Phi_{165}^2\ \Phi_{135}\ \Phi_{99}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{27}\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_9\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
161701	1972	495	$\frac{2}{495}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{45}^4\ \Phi_{33}^4\ \Phi_{15}^4\ \Phi_{11}^4\ \Phi_9^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
161702	1972	738	$\frac{1}{246}$	$\frac{245}{738}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{738}^4\ \Phi_{369}^4\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
161703	1972	1488	$\frac{3}{496}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}^2\ \Phi_{372}\ \Phi_{248}^2\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{48}\ \Phi_{31}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
161704	1972	1968	$\frac{1}{164}$	$\frac{163}{656}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1968}\ \Phi_{984}\ \Phi_{656}^2\ \Phi_{328}^2\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
161705	1972	615	$\frac{1}{123}$	$\frac{122}{615}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{615}^4\ \Phi_{205}^4\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3\ \Phi_1^2$
161706	1972	498	$\frac{5}{498}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{498}^4\ \Phi_{249}^4\ \Phi_{166}^4\ \Phi_{83}^4\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
161707	1972	1722	$\frac{1}{82}$	$\frac{81}{574}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1722}\ \Phi_{861}\ \Phi_{574}^2\ \Phi_{287}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
161708	1972	1107	$\frac{2}{123}$	$\frac{121}{1107}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1107}^2\ \Phi_{369}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
161709	1972	504	$\frac{11}{504}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{72}^4\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
161710	1972	1599	$\frac{1}{41}$	$\frac{40}{533}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1599}\ \Phi_{533}^2\ \Phi_{39}\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
161711	1972	123	$\frac{4}{123}$	$\frac{7}{123}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{123}^{16}\ \Phi_{41}^{16}\ \Phi_3^{17}\ \Phi_1^{18}$
161712	1972	90	$\frac{1}{30}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{90}^{24}\ \Phi_{45}^{24}\ \Phi_{30}^{20}\ \Phi_{18}^{20}\ \Phi_{15}^{20}\ \Phi_{10}^{20}\ \Phi_9^{20}\ \Phi_6^{16}\ \Phi_5^{20}\ \Phi_3^{17}\ \Phi_2^{16}\ \Phi_1^{18}$
161713	1972	1269	$\frac{1}{141}$	$\frac{283}{1269}$	$\frac{140}{423}$	$\frac{1}{3}$	$\Phi_{1269}^2\ \Phi_{141}^2\ \Phi_{47}^2\ \Phi_{27}^2\ \Phi_3\ \Phi_1^2$
161714	1972	735	$\frac{3}{245}$	$\frac{1}{7}$	$\frac{242}{735}$	$\frac{1}{3}$	$\Phi_{735}^2\ \Phi_{245}^4\ \Phi_{147}^2\ \Phi_{105}^2\ \Phi_{49}^4\ \Phi_{35}^4\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_7^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
161715	1972	342	$\frac{2}{57}$	$\frac{1}{18}$	$\frac{55}{171}$	$\frac{1}{3}$	$\Phi_{342}^6\ \Phi_{171}^5\ \Phi_{114}^6\ \Phi_{57}^6\ \Phi_{38}^6\ \Phi_{19}^6\ \Phi_{18}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
161716	1972	1449	$\frac{20}{483}$	$\frac{1}{21}$	$\frac{463}{1449}$	$\frac{1}{3}$	$\Phi_{1449}^2\ \Phi_{207}^2\ \Phi_{63}^2\ \Phi_{21}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
161717	1972	990	$\frac{1}{30}$	$\frac{2}{33}$	$\frac{31}{99}$	$\frac{1}{3}$	$\Phi_{990}^3\ \Phi_{495}^3\ \Phi_{198}^3\ \Phi_{99}^2\ \Phi_{90}^3\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
161718	1972	210	$\frac{1}{35}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{1}{3}$	$\Phi_{210}^7\ \Phi_{105}^8\ \Phi_{70}^{14}\ \Phi_{42}^6\ \Phi_{35}^{14}\ \Phi_{30}^7\ \Phi_{21}^7\ \Phi_{15}^8\ \Phi_{14}^{12}\ \Phi_{10}^{14}\ \Phi_7^{12}\ \Phi_6^6\ \Phi_5^{14}\ \Phi_3^6\ \Phi_2^{12}\ \Phi_1^{12}$
161719	1972	504	$\frac{11}{504}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{72}^4\ \Phi_{63}^3\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_7^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
161720	1972	705	$\frac{1}{47}$	$\frac{23}{235}$	$\frac{212}{705}$	$\frac{1}{3}$	$\Phi_{705}^2\ \Phi_{235}^4\ \Phi_{141}^3\ \Phi_{47}^4\ \Phi_{15}^2\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
161721	1972	1416	$\frac{1}{59}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{1416}\ \Phi_{708}\ \Phi_{472}^2\ \Phi_{354}\ \Phi_{236}^2\ \Phi_{177}^2\ \Phi_{118}^2\ \Phi_{59}^2$
161722	1972	3540	$\frac{1}{59}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3540}\ \Phi_{1770}\ \Phi_{885}\ \Phi_{177}$
161723	1972	3360	$\frac{1}{35}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{672}\ \Phi_{480}\ \Phi_{336}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{21}\ \Phi_{15}$
161724	1972	564	$\frac{1}{47}$	$\frac{71}{564}$	$\frac{23}{94}$	$\frac{1}{3}$	$\Phi_{564}^4\ \Phi_{282}^2\ \Phi_{188}^4\ \Phi_{141}^3\ \Phi_{94}^4\ \Phi_{47}^4\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
161725	1972	651	$\frac{19}{651}$	$\frac{2}{21}$	$\frac{158}{651}$	$\frac{1}{3}$	$\Phi_{651}^3\ \Phi_{217}^3\ \Phi_{93}^3\ \Phi_{31}^3\ \Phi_{21}^4\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
161726	1972	342	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{9}{38}$	$\frac{1}{3}$	$\Phi_{342}^6\ \Phi_{171}^6\ \Phi_{114}^4\ \Phi_{57}^5\ \Phi_{38}^6\ \Phi_{19}^6\ \Phi_{18}^8\ \Phi_9^8\ \Phi_6^6\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
161727	1972	330	$\frac{1}{30}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{1}{3}$	$\Phi_{330}^6\ \Phi_{165}^6\ \Phi_{110}^6\ \Phi_{66}^4\ \Phi_{55}^6\ \Phi_{33}^5\ \Phi_{30}^8\ \Phi_{22}^6\ \Phi_{15}^8\ \Phi_{11}^6\ \Phi_{10}^8\ \Phi_6^6\ \Phi_5^8\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
161728	1972	828	$\frac{1}{69}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{828}^3\ \Phi_{414}^3\ \Phi_{276}^3\ \Phi_{138}^3\ \Phi_{92}^3\ \Phi_{69}^2\ \Phi_{46}^3\ \Phi_{36}^2\ \Phi_{23}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
161729	1972	504	$\frac{11}{504}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{72}^4\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{42}^2\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_7^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
161730	1972	3525	$\frac{1}{47}$	$\frac{189}{1175}$	$\frac{46}{235}$	$\frac{1}{3}$	$\Phi_{3525}\ \Phi_{141}\ \Phi_{75}$
161731	1972	3675	$\frac{6}{245}$	$\frac{1}{7}$	$\frac{239}{1225}$	$\frac{1}{3}$	$\Phi_{3675}\ \Phi_{525}\ \Phi_{75}\ \Phi_{21}$
161732	1972	63	$\frac{1}{21}$	$\frac{5}{63}$	$\frac{4}{21}$	$\frac{1}{3}$	$\Phi_{63}^{34}\ \Phi_{21}^{26}\ \Phi_9^{34}\ \Phi_7^{26}\ \Phi_3^{25}\ \Phi_1^{26}$
161733	1972	105	$\frac{1}{35}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{3}$	$\Phi_{105}^{28}\ \Phi_{21}^{29}\ \Phi_{15}^{28}\ \Phi_3^{28}$
161734	1972	588	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{95}{588}$	$\frac{1}{3}$	$\Phi_{588}^4\ \Phi_{294}^2\ \Phi_{196}^4\ \Phi_{147}^2\ \Phi_{98}^4\ \Phi_{84}^4\ \Phi_{49}^4\ \Phi_{42}^2\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_7^4\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
161735	1972	1029	$\frac{43}{1029}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1029}^2\ \Phi_{343}^2\ \Phi_{147}\ \Phi_{49}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
161736	1972	1680	$\frac{3}{70}$	$\frac{67}{560}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1680}^2\ \Phi_{840}^2\ \Phi_{420}^2\ \Phi_{336}^2\ \Phi_{240}^2\ \Phi_{168}^2\ \Phi_{120}^2\ \Phi_{84}^2\ \Phi_{60}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{21}\ \Phi_{12}^2$
161737	1972	525	$\frac{32}{525}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{525}^4\ \Phi_{175}^4\ \Phi_{105}^2\ \Phi_{75}^4\ \Phi_{35}^4\ \Phi_{25}^4\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_7^4\ \Phi_5^4\ \Phi_3^2\ \Phi_1^4$
161738	1972	1617	$\frac{3}{49}$	$\frac{46}{539}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1617}^2\ \Phi_{231}^2\ \Phi_{33}^2\ \Phi_{21}$
161739	1972	570	$\frac{1}{38}$	$\frac{77}{570}$	$\frac{1}{5}$	$\frac{37}{114}$	$\Phi_{570}^3\ \Phi_{285}^3\ \Phi_{190}^4\ \Phi_{114}^4\ \Phi_{95}^4\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{30}^3\ \Phi_{19}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
161740	1972	729	$\frac{7}{243}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{236}{729}$	$\Phi_{729}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
161741	1972	2730	$\frac{1}{26}$	$\frac{53}{546}$	$\frac{1}{5}$	$\frac{25}{78}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{910}\ \Phi_{455}\ \Phi_{210}\ \Phi_{130}\ \Phi_{105}\ \Phi_{70}\ \Phi_{65}\ \Phi_{35}\ \Phi_{10}$
161742	1972	594	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{101}{594}$	$\frac{95}{297}$	$\Phi_{594}^4\ \Phi_{297}^2\ \Phi_{198}^4\ \Phi_{99}^4\ \Phi_{66}^4\ \Phi_{54}^4\ \Phi_{33}^4\ \Phi_{27}^2\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{11}^4\ \Phi_9^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
161743	1972	2814	$\frac{3}{67}$	$\frac{1}{14}$	$\frac{16}{67}$	$\frac{13}{42}$	$\Phi_{2814}\ \Phi_{1407}\ \Phi_{402}\ \Phi_{201}\ \Phi_{67}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
161744	1972	630	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{42}$	$\Phi_{630}^4\ \Phi_{315}^4\ \Phi_{210}^3\ \Phi_{105}^3\ \Phi_{90}^5\ \Phi_{70}^4\ \Phi_{45}^5\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^5\ \Phi_5^4$
161745	1972	540	$\frac{47}{540}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{135}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^2\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{54}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{27}^2\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^3\ \Phi_6^4\ \Phi_5^4\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
161746	1972	3510	$\frac{1}{26}$	$\frac{25}{234}$	$\frac{1}{5}$	$\frac{209}{702}$	$\Phi_{3510}\ \Phi_{1755}\ \Phi_{270}\ \Phi_{135}\ \Phi_{130}\ \Phi_{65}\ \Phi_{10}$
161747	1972	270	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{19}{135}$	$\frac{8}{27}$	$\Phi_{270}^9\ \Phi_{135}^8\ \Phi_{90}^9\ \Phi_{45}^8\ \Phi_{30}^9\ \Phi_{18}^8\ \Phi_{15}^8\ \Phi_{10}^9\ \Phi_9^7\ \Phi_6^8\ \Phi_5^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
161748	1972	2760	$\frac{3}{115}$	$\frac{1}{8}$	$\frac{28}{115}$	$\frac{7}{24}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{276}\ \Phi_{138}\ \Phi_{120}\ \Phi_{115}\ \Phi_{69}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{23}\ \Phi_{15}\ \Phi_{12}^2\ \Phi_6^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
161749	1972	120	$\frac{1}{30}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{24}$	$\Phi_{120}^{15}\ \Phi_{60}^{15}\ \Phi_{40}^{16}\ \Phi_{30}^{19}\ \Phi_{24}^{16}\ \Phi_{20}^{16}\ \Phi_{15}^{19}\ \Phi_{12}^{16}\ \Phi_{10}^{20}\ \Phi_8^{16}\ \Phi_6^{20}\ \Phi_5^{19}\ \Phi_4^{16}\ \Phi_3^{20}\ \Phi_2^{20}\ \Phi_1^{20}$
161750	1972	552	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{11}{69}$	$\frac{7}{24}$	$\Phi_{552}^3\ \Phi_{276}^3\ \Phi_{184}^4\ \Phi_{138}^3\ \Phi_{92}^4\ \Phi_{69}^5\ \Phi_{46}^4\ \Phi_{24}^4\ \Phi_{23}^5\ \Phi_{12}^4\ \Phi_8^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
161751	1972	162	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{81}$	$\Phi_{162}^{18}\ \Phi_{81}^{16}\ \Phi_{18}^8\ \Phi_9^7\ \Phi_6^8\ \Phi_3^7\ \Phi_2^8\ \Phi_1^8$
161752	1972	3420	$\frac{1}{38}$	$\frac{37}{228}$	$\frac{1}{5}$	$\frac{191}{684}$	$\Phi_{3420}\ \Phi_{1710}\ \Phi_{855}\ \Phi_{190}\ \Phi_{180}\ \Phi_{95}\ \Phi_{90}\ \Phi_{45}\ \Phi_{10}$
161753	1972	675	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{43}{225}$	$\frac{182}{675}$	$\Phi_{675}^4\ \Phi_{135}^4\ \Phi_{45}^4\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
161754	1972	2655	$\frac{1}{59}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{2655}\ \Phi_{531}\ \Phi_{295}$
161755	1972	513	$\frac{20}{513}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{513}^4\ \Phi_{171}^4\ \Phi_{57}^4\ \Phi_{19}^4\ \Phi_9^3\ \Phi_3^3\ \Phi_1^4$
161756	1972	234	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{10}{39}$	$\Phi_{234}^9\ \Phi_{117}^9\ \Phi_{78}^9\ \Phi_{39}^5\ \Phi_{26}^9\ \Phi_{18}^8\ \Phi_{13}^8\ \Phi_9^8\ \Phi_6^8\ \Phi_3^4\ \Phi_2^8\ \Phi_1^8$
161757	1972	657	$\frac{1}{73}$	$\frac{18}{73}$	$\frac{164}{657}$	$\frac{55}{219}$	$\Phi_{657}^4\ \Phi_{73}^3\ \Phi_9^4\ \Phi_1^4$
161758	1972	460	$\frac{3}{115}$	$\frac{3}{20}$	$\frac{28}{115}$	$\frac{1}{4}$	$\Phi_{460}^4\ \Phi_{230}^4\ \Phi_{115}^5\ \Phi_{92}^4\ \Phi_{46}^4\ \Phi_{23}^5\ \Phi_{20}^5\ \Phi_{10}^5\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
161759	1972	2144	$\frac{3}{67}$	$\frac{3}{32}$	$\frac{16}{67}$	$\frac{1}{4}$	$\Phi_{2144}\ \Phi_{1072}\ \Phi_{536}\ \Phi_{67}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
161760	1972	60	$\frac{1}{30}$	$\frac{3}{20}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{60}^{32}\ \Phi_{30}^{36}\ \Phi_{20}^{29}\ \Phi_{15}^{36}\ \Phi_{12}^{32}\ \Phi_{10}^{33}\ \Phi_6^{36}\ \Phi_5^{32}\ \Phi_4^{28}\ \Phi_3^{36}\ \Phi_2^{32}\ \Phi_1^{32}$
161761	1972	1440	$\frac{1}{18}$	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1440}^2\ \Phi_{720}^2\ \Phi_{480}^2\ \Phi_{360}^2\ \Phi_{240}^2\ \Phi_{160}\ \Phi_{120}^2\ \Phi_{90}\ \Phi_{80}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
161762	1972	1380	$\frac{1}{23}$	$\frac{3}{20}$	$\frac{11}{69}$	$\frac{1}{4}$	$\Phi_{1380}^2\ \Phi_{690}^2\ \Phi_{460}\ \Phi_{345}^2\ \Phi_{230}\ \Phi_{115}\ \Phi_{69}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{23}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
161763	1972	3040	$\frac{1}{38}$	$\frac{115}{608}$	$\frac{1}{5}$	$\frac{37}{152}$	$\Phi_{3040}\ \Phi_{1520}\ \Phi_{190}\ \Phi_{160}\ \Phi_{95}\ \Phi_{80}\ \Phi_{10}$
161764	1972	648	$\frac{7}{162}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{155}{648}$	$\Phi_{648}^4\ \Phi_{324}^4\ \Phi_{216}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{36}^4\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_9^3\ \Phi_8^4\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
161765	1972	2345	$\frac{3}{67}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{16}{67}$	$\Phi_{2345}\ \Phi_{335}\ \Phi_{67}\ \Phi_{35}^2\ \Phi_5^2\ \Phi_1^2$
161766	1972	418	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{9}{38}$	$\Phi_{418}^4\ \Phi_{209}^5\ \Phi_{38}^6\ \Phi_{22}^6\ \Phi_{19}^6\ \Phi_{11}^6\ \Phi_2^8\ \Phi_1^8$
161767	1972	190	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{5}$	$\frac{9}{38}$	$\Phi_{190}^{17}\ \Phi_{95}^9\ \Phi_{10}^{17}\ \Phi_5^8$
161768	1972	36	$\frac{1}{18}$	$\frac{1}{9}$	$\frac{7}{36}$	$\frac{2}{9}$	$\Phi_{36}^{68}\ \Phi_{18}^{40}\ \Phi_{12}^{68}\ \Phi_9^{43}\ \Phi_6^{40}\ \Phi_4^{68}\ \Phi_3^{43}\ \Phi_2^{40}\ \Phi_1^{44}$
161769	1972	567	$\frac{7}{81}$	$\frac{1}{9}$	$\frac{74}{567}$	$\frac{2}{9}$	$\Phi_{567}^4\ \Phi_{189}^4\ \Phi_{63}^4\ \Phi_{21}^4\ \Phi_9^3\ \Phi_7^4\ \Phi_3^3\ \Phi_1^4$
161770	1972	540	$\frac{47}{540}$	$\frac{1}{9}$	$\frac{7}{54}$	$\frac{2}{9}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^3\ \Phi_5^4\ \Phi_4^4\ \Phi_3^3\ \Phi_1^4$
161771	1972	630	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{41}{315}$	$\frac{137}{630}$	$\Phi_{630}^4\ \Phi_{315}^2\ \Phi_{210}^4\ \Phi_{126}^4\ \Phi_{105}^2\ \Phi_{90}^4\ \Phi_{70}^4\ \Phi_{63}^2\ \Phi_{45}^4\ \Phi_{42}^4\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{21}^2\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_9^3\ \Phi_7^2\ \Phi_6^4\ \Phi_5^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
161772	1972	3120	$\frac{1}{26}$	$\frac{25}{156}$	$\frac{1}{5}$	$\frac{131}{624}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{240}\ \Phi_{130}\ \Phi_{120}\ \Phi_{80}\ \Phi_{65}\ \Phi_{40}\ \Phi_{10}$
161773	1972	570	$\frac{1}{19}$	$\frac{77}{570}$	$\frac{18}{95}$	$\frac{1}{5}$	$\Phi_{570}^4\ \Phi_{285}^4\ \Phi_{190}^4\ \Phi_{114}^4\ \Phi_{95}\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
161774	1972	630	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{630}^3\ \Phi_{315}^3\ \Phi_{210}^3\ \Phi_{126}^4\ \Phi_{105}^3\ \Phi_{90}^4\ \Phi_{70}^3\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_{9}^4\ \Phi_{6}^4\ \Phi_{3}^4\ \Phi_{2}^4$
161775	1973	3936	$\frac{5}{1968}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1963}{3936}$	$\Phi_{3936}\ \Phi_{1312}\ \Phi_{96}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
161776	1973	3712	$\frac{1}{116}$	$\frac{117}{1856}$	$\frac{1739}{3712}$	$\frac{115}{232}$	$\Phi_{3712}\ \Phi_{232}\ \Phi_{128}\ \Phi_{8}\ \Phi_{1}$
161777	1973	2784	$\frac{1}{116}$	$\frac{117}{928}$	$\frac{811}{2784}$	$\frac{115}{232}$	$\Phi_{2784}\ \Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{96}\ \Phi_{87}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
161778	1973	2320	$\frac{1}{116}$	$\frac{347}{2320}$	$\frac{117}{464}$	$\frac{115}{232}$	$\Phi_{2320}\ \Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{232}\ \Phi_{145}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
161779	1973	3808	$\frac{1}{68}$	$\frac{69}{1904}$	$\frac{1835}{3808}$	$\frac{67}{136}$	$\Phi_{3808}\ \Phi_{544}\ \Phi_{224}\ \Phi_{136}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
161780	1973	2856	$\frac{1}{68}$	$\frac{69}{952}$	$\frac{883}{2856}$	$\frac{67}{136}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{408}\ \Phi_{357}\ \Phi_{204}\ \Phi_{168}\ \Phi_{136}\ \Phi_{102}\ \Phi_{84}\ \Phi_{51}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
161781	1973	2176	$\frac{1}{68}$	$\frac{203}{2176}$	$\frac{69}{272}$	$\frac{67}{136}$	$\Phi_{2176}\ \Phi_{1088}\ \Phi_{544}\ \Phi_{136}\ \Phi_{128}\ \Phi_{64}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
161782	1973	3876	$\frac{35}{1938}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{1903}{3876}$	$\Phi_{3876}\ \Phi_{1292}\ \Phi_{228}\ \Phi_{204}\ \Phi_{76}\ \Phi_{68}\ \Phi_{51}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
161783	1973	2128	$\frac{3}{152}$	$\frac{155}{2128}$	$\frac{1}{4}$	$\frac{149}{304}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{532}\ \Phi_{266}\ \Phi_{152}\ \Phi_{133}\ \Phi_{112}\ \Phi_{76}\ \Phi_{56}\ \Phi_{38}\ \Phi_{28}\ \Phi_{19}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
161784	1973	2652	$\frac{16}{663}$	$\frac{1}{17}$	$\frac{679}{2652}$	$\frac{647}{1326}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{663}\ \Phi_{221}\ \Phi_{204}\ \Phi_{156}\ \Phi_{68}\ \Phi_{52}\ \Phi_{51}\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
161785	1973	3848	$\frac{49}{1924}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{1875}{3848}$	$\Phi_{3848}\ \Phi_{296}\ \Phi_{104}\ \Phi_{52}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
161786	1973	2080	$\frac{3}{104}$	$\frac{107}{2080}$	$\frac{1}{4}$	$\frac{101}{208}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{260}\ \Phi_{160}\ \Phi_{130}\ \Phi_{104}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{32}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
161787	1973	3828	$\frac{59}{1914}$	$\frac{1}{29}$	$\frac{28}{87}$	$\frac{1855}{3828}$	$\Phi_{3828}\ \Phi_{1276}\ \Phi_{348}\ \Phi_{132}\ \Phi_{116}\ \Phi_{87}\ \Phi_{44}\ \Phi_{12}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
161788	1973	3800	$\frac{73}{1900}$	$\frac{3}{76}$	$\frac{1}{4}$	$\frac{1827}{3800}$	$\Phi_{3800}\ \Phi_{760}\ \Phi_{200}\ \Phi_{152}\ \Phi_{76}\ \Phi_{40}\ \Phi_{38}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
161789	1973	2668	$\frac{1}{29}$	$\frac{28}{667}$	$\frac{695}{2668}$	$\frac{639}{1334}$	$\Phi_{2668}\ \Phi_{667}\ \Phi_{116}\ \Phi_{92}\ \Phi_{23}\ \Phi_{4}\ \Phi_{1}$
161790	1973	3744	$\frac{3}{104}$	$\frac{101}{1872}$	$\frac{1}{4}$	$\frac{1771}{3744}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{104}\ \Phi_{96}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
161791	1973	2210	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{237}{2210}$	$\frac{205}{442}$	$\Phi_{2210}\ \Phi_{1105}\ \Phi_{221}\ \Phi_{170}\ \Phi_{130}\ \Phi_{85}\ \Phi_{65}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
161792	1973	3672	$\frac{1}{68}$	$\frac{137}{1836}$	$\frac{67}{204}$	$\frac{1699}{3672}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{216}\ \Phi_{204}\ \Phi_{136}\ \Phi_{102}\ \Phi_{72}\ \Phi_{51}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
161793	1973	3672	$\frac{1}{17}$	$\frac{137}{1836}$	$\frac{16}{153}$	$\frac{1699}{3672}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{216}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}\ \Phi_{51}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
161794	1973	3648	$\frac{3}{152}$	$\frac{149}{1824}$	$\frac{1}{4}$	$\frac{1675}{3648}$	$\Phi_{3648}\ \Phi_{1216}\ \Phi_{192}\ \Phi_{152}\ \Phi_{76}\ \Phi_{64}\ \Phi_{38}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
161795	1973	2720	$\frac{1}{68}$	$\frac{67}{680}$	$\frac{747}{2720}$	$\frac{613}{1360}$	$\Phi_{2720}\ \Phi_{680}\ \Phi_{544}\ \Phi_{340}\ \Phi_{170}\ \Phi_{160}\ \Phi_{136}\ \Phi_{85}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
161796	1973	2142	$\frac{1}{17}$	$\frac{169}{2142}$	$\frac{16}{153}$	$\frac{137}{306}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{153}\ \Phi_{126}\ \Phi_{119}\ \Phi_{63}\ \Phi_{51}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
161797	1973	3536	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{205}{1768}$	$\frac{1563}{3536}$	$\Phi_{3536}\ \Phi_{272}\ \Phi_{221}\ \Phi_{208}\ \Phi_{16}\ \Phi_{13}\ \Phi_{1}$
161798	1973	3480	$\frac{1}{116}$	$\frac{233}{1740}$	$\frac{115}{348}$	$\frac{1507}{3480}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{120}\ \Phi_{87}\ \Phi_{40}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
161799	1973	3480	$\frac{1}{58}$	$\frac{233}{1740}$	$\frac{57}{290}$	$\frac{1507}{3480}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{696}\ \Phi_{290}\ \Phi_{232}\ \Phi_{145}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
161800	1973	2436	$\frac{1}{58}$	$\frac{57}{406}$	$\frac{463}{2436}$	$\frac{349}{812}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{609}\ \Phi_{406}\ \Phi_{348}\ \Phi_{203}\ \Phi_{174}\ \Phi_{87}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
161801	1973	3400	$\frac{1}{68}$	$\frac{273}{1700}$	$\frac{67}{340}$	$\frac{1427}{3400}$	$\Phi_{3400}\ \Phi_{680}\ \Phi_{340}\ \Phi_{200}\ \Phi_{170}\ \Phi_{136}\ \Phi_{85}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
161802	1973	2448	$\frac{1}{68}$	$\frac{67}{408}$	$\frac{475}{2448}$	$\frac{341}{816}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{612}\ \Phi_{408}\ \Phi_{306}\ \Phi_{204}\ \Phi_{153}\ \Phi_{144}\ \Phi_{136}\ \Phi_{102}\ \Phi_{72}\ \Phi_{51}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
161803	1973	2784	$\frac{1}{116}$	$\frac{115}{696}$	$\frac{811}{2784}$	$\frac{581}{1392}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{96}\ \Phi_{87}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
161804	1973	2320	$\frac{1}{58}$	$\frac{347}{2320}$	$\frac{57}{290}$	$\frac{233}{580}$	$\Phi_{2320}\ \Phi_{1160}\ \Phi_{464}\ \Phi_{290}\ \Phi_{232}\ \Phi_{145}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
161805	1973	3264	$\frac{1}{68}$	$\frac{67}{408}$	$\frac{341}{1632}$	$\frac{1291}{3264}$	$\Phi_{3264}\ \Phi_{1088}\ \Phi_{408}\ \Phi_{204}\ \Phi_{192}\ \Phi_{136}\ \Phi_{102}\ \Phi_{64}\ \Phi_{51}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
161806	1973	3248	$\frac{1}{58}$	$\frac{57}{406}$	$\frac{349}{1624}$	$\frac{1275}{3248}$	$\Phi_{3248}\ \Phi_{464}\ \Phi_{406}\ \Phi_{203}\ \Phi_{112}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
161807	1973	2952	$\frac{5}{984}$	$\frac{1}{4}$	$\frac{979}{2952}$	$\frac{3}{8}$	$\Phi_{2952}\ \Phi_{1476}\ \Phi_{738}\ \Phi_{369}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
161808	1973	1984	$\frac{11}{1984}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1984}\ \Phi_{992}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{64}\ \Phi_{62}\ \Phi_{32}\ \Phi_{31}\ \Phi_8\ \Phi_1$
161809	1973	2624	$\frac{5}{656}$	$\frac{651}{2624}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2624}\ \Phi_{1312}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_1$
161810	1973	1992	$\frac{19}{1992}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1992}\ \Phi_{996}\ \Phi_{664}\ \Phi_{498}\ \Phi_{332}\ \Phi_{249}\ \Phi_{166}\ \Phi_{83}\ \Phi_8\ \Phi_1$
161811	1973	2296	$\frac{5}{328}$	$\frac{323}{2296}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2296}\ \Phi_{1148}\ \Phi_{574}\ \Phi_{287}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
161812	1973	2016	$\frac{43}{2016}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
161813	1973	2040	$\frac{67}{2040}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{35}{102}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
161814	1973	2088	$\frac{1}{29}$	$\frac{115}{2088}$	$\frac{28}{87}$	$\frac{59}{174}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{522}\ \Phi_{348}\ \Phi_{261}\ \Phi_{232}\ \Phi_{116}\ \Phi_{87}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_3\ \Phi_1$
161815	1973	2448	$\frac{1}{68}$	$\frac{475}{2448}$	$\frac{137}{612}$	$\frac{67}{204}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{204}\ \Phi_{144}\ \Phi_{136}\ \Phi_{102}\ \Phi_{72}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
161816	1973	2280	$\frac{3}{152}$	$\frac{307}{2280}$	$\frac{1}{4}$	$\frac{149}{456}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{380}\ \Phi_{285}\ \Phi_{190}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{40}\ \Phi_{38}\ \Phi_{30}\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
161817	1973	2184	$\frac{3}{104}$	$\frac{211}{2184}$	$\frac{1}{4}$	$\frac{101}{312}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{273}\ \Phi_{182}\ \Phi_{168}\ \Phi_{104}\ \Phi_{91}\ \Phi_{84}\ \Phi_{56}\ \Phi_{52}\ \Phi_{42}\ \Phi_{28}\ \Phi_{26}\ \Phi_{21}\ \Phi_{14}\ \Phi_{13}\ \Phi_8\ \Phi_7\ \Phi_1$
161818	1973	2871	$\frac{1}{29}$	$\frac{59}{957}$	$\frac{898}{2871}$	$\frac{28}{87}$	$\Phi_{2871}\ \Phi_{261}\ \Phi_{99}\ \Phi_{87}\ \Phi_9\ \Phi_3\ \Phi_1$
161819	1973	2907	$\frac{35}{969}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{934}{2907}$	$\Phi_{2907}\ \Phi_{171}\ \Phi_{153}\ \Phi_{51}\ \Phi_9\ \Phi_3\ \Phi_1$
161820	1973	2295	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{322}{2295}$	$\frac{137}{459}$	$\Phi_{2295}\ \Phi_{765}\ \Phi_{255}\ \Phi_{153}\ \Phi_{135}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1$
161821	1973	2808	$\frac{3}{104}$	$\frac{101}{936}$	$\frac{1}{4}$	$\frac{835}{2808}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{216}\ \Phi_{108}\ \Phi_{104}\ \Phi_{54}\ \Phi_{52}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
161822	1973	2754	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{137}{918}$	$\frac{781}{2754}$	$\Phi_{2754}\ \Phi_{1377}\ \Phi_{162}\ \Phi_{153}\ \Phi_{81}\ \Phi_{51}\ \Phi_9\ \Phi_3\ \Phi_1$
161823	1973	2736	$\frac{3}{152}$	$\frac{149}{912}$	$\frac{1}{4}$	$\frac{763}{2736}$	$\Phi_{2736}\ \Phi_{1368}\ \Phi_{684}\ \Phi_{342}\ \Phi_{171}\ \Phi_{152}\ \Phi_{144}\ \Phi_{76}\ \Phi_{72}\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_1$
161824	1973	2610	$\frac{1}{58}$	$\frac{57}{290}$	$\frac{637}{2610}$	$\frac{233}{870}$	$\Phi_{2610}\ \Phi_{1305}\ \Phi_{522}\ \Phi_{290}\ \Phi_{261}\ \Phi_{145}\ \Phi_{90}\ \Phi_{45}\ \Phi_{18}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
161825	1973	2652	$\frac{1}{17}$	$\frac{16}{221}$	$\frac{205}{884}$	$\frac{679}{2652}$	$\Phi_{2652}\ \Phi_{1326}\ \Phi_{663}\ \Phi_{221}\ \Phi_{204}\ \Phi_{156}\ \Phi_{102}\ \Phi_{78}\ \Phi_{51}\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
161826	1973	2432	$\frac{3}{152}$	$\frac{459}{2432}$	$\frac{149}{608}$	$\frac{1}{4}$	$\Phi_{2432}\ \Phi_{1216}\ \Phi_{152}\ \Phi_{128}\ \Phi_{76}\ \Phi_{64}\ \Phi_{38}\ \Phi_{19}\ \Phi_8\ \Phi_1$
161827	1973	2496	$\frac{3}{104}$	$\frac{101}{624}$	$\frac{523}{2496}$	$\frac{1}{4}$	$\Phi_{2496}\ \Phi_{1248}\ \Phi_{832}\ \Phi_{416}\ \Phi_{192}\ \Phi_{104}\ \Phi_{96}\ \Phi_{64}\ \Phi_{52}\ \Phi_{32}\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_1$
161828	1973	2280	$\frac{3}{76}$	$\frac{307}{2280}$	$\frac{73}{380}$	$\frac{1}{4}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{152}\ \Phi_{120}\ \Phi_{114}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{40}\ \Phi_{38}\ \Phi_{30}\ \Phi_{24}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
161829	1973	2448	$\frac{1}{17}$	$\frac{16}{153}$	$\frac{475}{2448}$	$\frac{137}{612}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{153}\ \Phi_{144}\ \Phi_{136}\ \Phi_{72}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_3\ \Phi_1$
161830	1974	3280	$\frac{1}{328}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{327}{656}$	$\Phi_{3280}\ \Phi_{656}^2\ \Phi_{80}\ \Phi_{16}^2\ \Phi_5\ \Phi_1^2$
161831	1974	1968	$\frac{1}{328}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{327}{656}$	$\Phi_{1968}^3\ \Phi_{48}^3\ \Phi_{12}\ \Phi_6$
161832	1974	3372	$\frac{1}{281}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{140}{281}$	$\Phi_{3372}\ \Phi_{1124}\ \Phi_{281}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
161833	1974	2529	$\frac{1}{281}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{140}{281}$	$\Phi_{2529}\ \Phi_{281}\ \Phi_9^2\ \Phi_1^2$
161834	1974	4578	$\frac{2}{327}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{325}{654}$	$\Phi_{4578}\ \Phi_{1526}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
161835	1974	3640	$\frac{1}{140}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{139}{280}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{280}^2\ \Phi_{104}\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{13}\ \Phi_8^2\ \Phi_1^2$
161836	1974	840	$\frac{1}{140}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{139}{280}$	$\Phi_{840}^3\ \Phi_{420}^4\ \Phi_{210}^4\ \Phi_{168}^3\ \Phi_{120}^3\ \Phi_{105}^4\ \Phi_{84}^4\ \Phi_{60}^4\ \Phi_{42}^4\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
161837	1974	3080	$\frac{1}{110}$	$\frac{1}{7}$	$\frac{111}{440}$	$\frac{109}{220}$	$\Phi_{3080}\ \Phi_{770}\ \Phi_{616}\ \Phi_{385}\ \Phi_{280}\ \Phi_{154}\ \Phi_{77}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{14}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
161838	1974	3720	$\frac{1}{93}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{46}{93}$	$\Phi_{3720}\ \Phi_{1240}\ \Phi_{744}\ \Phi_{248}\ \Phi_{120}\ \Phi_{93}\ \Phi_{40}^2\ \Phi_{31}\ \Phi_{24}\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
161839	1974	930	$\frac{1}{93}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{46}{93}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{310}^2\ \Phi_{186}^2\ \Phi_{155}^2\ \Phi_{93}^3\ \Phi_{62}^2\ \Phi_{31}^3\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_{6}^2\ \Phi_{5}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
161840	1974	744	$\frac{1}{93}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{46}{93}$	$\Phi_{744}^3\ \Phi_{372}^2\ \Phi_{248}^3\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{93}^3\ \Phi_{62}^2\ \Phi_{31}^3\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_{8}^6\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^3\ \Phi_{2}^4\ \Phi_{1}^6$
161841	1974	2325	$\frac{1}{93}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{46}{93}$	$\Phi_{2325}\ \Phi_{775}\ \Phi_{93}\ \Phi_{75}\ \Phi_{31}\ \Phi_{25}^2\ \Phi_{3}\ \Phi_{1}^2$
161842	1974	1950	$\frac{4}{325}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{321}{650}$	$\Phi_{1950}^3\ \Phi_{390}^3\ \Phi_{150}^3\ \Phi_{78}^3\ \Phi_{39}\ \Phi_{30}^3\ \Phi_{6}^3$
161843	1974	4550	$\frac{4}{325}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{321}{650}$	$\Phi_{4550}\ \Phi_{910}\ \Phi_{350}\ \Phi_{182}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
161844	1974	456	$\frac{1}{76}$	$\frac{11}{152}$	$\frac{1}{3}$	$\frac{75}{152}$	$\Phi_{456}^6\ \Phi_{228}^7\ \Phi_{114}^7\ \Phi_{57}^7\ \Phi_{24}^6\ \Phi_{12}^7\ \Phi_{6}^7\ \Phi_{3}^6$
161845	1974	1973	$\frac{29}{1973}$	$\frac{143}{1973}$	$\frac{610}{1973}$	$\frac{972}{1973}$	$\Phi_{1973}\ \Phi_{1}^2$
161846	1974	2772	$\frac{1}{66}$	$\frac{1}{7}$	$\frac{67}{396}$	$\frac{65}{132}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{462}\ \Phi_{252}\ \Phi_{231}\ \Phi_{154}\ \Phi_{126}\ \Phi_{77}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
161847	1974	4536	$\frac{5}{324}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{319}{648}$	$\Phi_{4536}\ \Phi_{1512}\ \Phi_{504}\ \Phi_{168}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
161848	1974	2264	$\frac{5}{283}$	$\frac{1}{8}$	$\frac{48}{283}$	$\frac{139}{283}$	$\Phi_{2264}\ \Phi_{1132}\ \Phi_{566}$
161849	1974	1938	$\frac{6}{323}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{317}{646}$	$\Phi_{1938}^3\ \Phi_{114}^3\ \Phi_{102}^3\ \Phi_{57}\ \Phi_{6}^3$
161850	1974	1973	$\frac{37}{1973}$	$\frac{234}{1973}$	$\frac{335}{1973}$	$\frac{968}{1973}$	$\Phi_{1973}\ \Phi_{1}^2$
161851	1974	3120	$\frac{1}{52}$	$\frac{53}{1040}$	$\frac{1}{3}$	$\frac{51}{104}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{624}\ \Phi_{390}\ \Phi_{240}\ \Phi_{195}\ \Phi_{156}\ \Phi_{120}\ \Phi_{78}\ \Phi_{60}\ \Phi_{48}\ \Phi_{39}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
161852	1974	2636	$\frac{13}{659}$	$\frac{48}{659}$	$\frac{1}{4}$	$\frac{323}{659}$	$\Phi_{2636}\ \Phi_{1318}$
161853	1974	3772	$\frac{1}{46}$	$\frac{1}{41}$	$\frac{20}{41}$	$\frac{45}{92}$	$\Phi_{3772}\ \Phi_{164}\ \Phi_{92}^2\ \Phi_{41}\ \Phi_{4}^2\ \Phi_{1}^2$
161854	1974	3036	$\frac{1}{46}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{45}{92}$	$\Phi_{3036}^2\ \Phi_{276}\ \Phi_{132}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{12}\ \Phi_{6}$
161855	1974	3772	$\frac{1}{46}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{45}{92}$	$\Phi_{3772}\ \Phi_{164}\ \Phi_{92}^2\ \Phi_{41}\ \Phi_{4}^2\ \Phi_{1}^2$
161856	1974	1380	$\frac{1}{46}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{45}{92}$	$\Phi_{1380}\ \Phi_{690}^2\ \Phi_{460}\ \Phi_{345}^2\ \Phi_{276}\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{115}^2\ \Phi_{69}^2\ \Phi_{60}^2\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{3}^2$
161857	1974	3772	$\frac{1}{46}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{45}{92}$	$\Phi_{3772}\ \Phi_{164}\ \Phi_{92}^2\ \Phi_{41}\ \Phi_{4}^2\ \Phi_{1}^2$
161858	1974	1288	$\frac{1}{46}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{45}{92}$	$\Phi_{1288}^2\ \Phi_{644}\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{56}^3\ \Phi_{28}^2\ \Phi_{14}^3\ \Phi_{7}^2$
161859	1974	2829	$\frac{1}{41}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{20}{41}$	$\Phi_{2829}\ \Phi_{123}\ \Phi_{69}^2\ \Phi_{41}\ \Phi_{3}^2\ \Phi_{1}^2$
161860	1974	5772	$\frac{25}{962}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{937}{1924}$	$\Phi_{5772}\ \Phi_{444}\ \Phi_{156}\ \Phi_{78}\ \Phi_{39}\ \Phi_{12}\ \Phi_{6}$
161861	1974	4480	$\frac{9}{320}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{311}{640}$	$\Phi_{4480}\ \Phi_{896}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
161862	1974	4466	$\frac{10}{319}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{309}{638}$	$\Phi_{4466}\ \Phi_{406}\ \Phi_{154}\ \Phi_{77}\ \Phi_{14}$
161863	1974	2520	$\frac{1}{30}$	$\frac{31}{360}$	$\frac{1}{7}$	$\frac{29}{60}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{315}\ \Phi_{280}\ \Phi_{252}\ \Phi_{210}\ \Phi_{168}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
161864	1974	5700	$\frac{1}{38}$	$\frac{37}{950}$	$\frac{1}{3}$	$\frac{913}{1900}$	$\Phi_{5700}\ \Phi_{1140}\ \Phi_{300}\ \Phi_{228}\ \Phi_{114}\ \Phi_{60}\ \Phi_{57}\ \Phi_{12}\ \Phi_{6}$
161865	1974	3870	$\frac{1}{43}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{43}{90}$	$\Phi_{3870}\ \Phi_{1290}\ \Phi_{774}\ \Phi_{430}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}$
161866	1974	990	$\frac{2}{45}$	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{43}{90}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}^2\ \Phi_{110}^3\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{55}^3\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{10}\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{3}^2\ \Phi_{1}^2$
161867	1974	630	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{1}{7}$	$\frac{43}{90}$	$\Phi_{630}^7\ \Phi_{210}^7\ \Phi_{126}^7\ \Phi_{105}\ \Phi_{70}^7\ \Phi_{42}^7\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}^7$
161868	1974	2464	$\frac{1}{22}$	$\frac{23}{352}$	$\frac{1}{7}$	$\frac{21}{44}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{616}\ \Phi_{224}\ \Phi_{154}\ \Phi_{112}\ \Phi_{77}\ \Phi_{56}\ \Phi_{14}$
161869	1974	240	$\frac{1}{48}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{19}{40}$	$\Phi_{240}^8\ \Phi_{120}^7\ \Phi_{80}^8\ \Phi_{60}^8\ \Phi_{48}^{10}\ \Phi_{40}^8\ \Phi_{30}^8\ \Phi_{24}^9\ \Phi_{20}^8\ \Phi_{16}^{10}\ \Phi_{15}^8\ \Phi_{12}^{10}\ \Phi_{10}^8\ \Phi_{8}^{10}\ \Phi_{6}^{10}\ \Phi_{5}^8\ \Phi_{4}^{10}\ \Phi_{3}^9\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
161870	1974	1240	$\frac{1}{31}$	$\frac{1}{20}$	$\frac{15}{62}$	$\frac{19}{40}$	$\Phi_{1240}^3\ \Phi_{248}^3\ \Phi_{62}^2\ \Phi_{40}^4\ \Phi_{31}\ \Phi_{8}^4\ \Phi_{2}^2\ \Phi_{1}^2$
161871	1974	1254	$\frac{1}{22}$	$\frac{1}{19}$	$\frac{10}{57}$	$\frac{9}{19}$	$\Phi_{1254}^2\ \Phi_{627}^2\ \Phi_{418}\ \Phi_{209}\ \Phi_{114}^2\ \Phi_{66}^2\ \Phi_{38}\ \Phi_{33}^2\ \Phi_{6}^2$
161872	1974	624	$\frac{1}{52}$	$\frac{17}{312}$	$\frac{1}{3}$	$\frac{295}{624}$	$\Phi_{624}^6\ \Phi_{208}^6\ \Phi_{156}\ \Phi_{78}\ \Phi_{48}^6\ \Phi_{39}\ \Phi_{16}^6\ \Phi_{12}\ \Phi_{6}$
161873	1974	2752	$\frac{1}{43}$	$\frac{1}{16}$	$\frac{17}{64}$	$\frac{15}{32}$	$\Phi_{2752}\ \Phi_{688}\ \Phi_{344}\ \Phi_{172}\ \Phi_{86}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
161874	1974	3784	$\frac{1}{43}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{3784}\ \Phi_{344}\ \Phi_{172}\ \Phi_{86}$
161875	1974	616	$\frac{1}{22}$	$\frac{3}{44}$	$\frac{1}{7}$	$\frac{41}{88}$	$\Phi_{616}^{7}\ \Phi_{154}\ \Phi_{77}\ \Phi_{56}^{7}\ \Phi_{14}$
161876	1974	910	$\frac{1}{70}$	$\frac{1}{13}$	$\frac{23}{70}$	$\frac{6}{13}$	$\Phi_{910}^{2}\ \Phi_{455}^{2}\ \Phi_{182}^{2}\ \Phi_{130}^{2}\ \Phi_{91}^{2}\ \Phi_{70}^{4}\ \Phi_{65}^{2}\ \Phi_{35}^{4}\ \Phi_{26}^{2}\ \Phi_{14}^{4}\ \Phi_{13}^{3}\ \Phi_{10}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
161877	1974	624	$\frac{1}{48}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{624}^{3}\ \Phi_{312}^{3}\ \Phi_{208}^{3}\ \Phi_{156}^{3}\ \Phi_{104}^{3}\ \Phi_{78}^{3}\ \Phi_{52}^{2}\ \Phi_{48}^{6}\ \Phi_{39}^{3}\ \Phi_{26}^{2}\ \Phi_{24}^{6}\ \Phi_{16}^{6}\ \Phi_{13}^{3}\ \Phi_{12}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
161878	1974	1885	$\frac{4}{145}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{6}{13}$	$\Phi_{1885}\ \Phi_{377}\ \Phi_{145}^{2}\ \Phi_{29}^{2}\ \Phi_{13}\ \Phi_{1}^{2}$
161879	1974	2275	$\frac{1}{35}$	$\frac{1}{13}$	$\frac{34}{175}$	$\frac{6}{13}$	$\Phi_{2275}\ \Phi_{325}\ \Phi_{175}^{2}\ \Phi_{25}^{2}\ \Phi_{13}\ \Phi_{1}^{2}$
161880	1974	728	$\frac{1}{28}$	$\frac{1}{13}$	$\frac{9}{56}$	$\frac{6}{13}$	$\Phi_{728}^{3}\ \Phi_{364}^{2}\ \Phi_{182}^{2}\ \Phi_{104}^{3}\ \Phi_{91}^{2}\ \Phi_{56}^{6}\ \Phi_{52}^{2}\ \Phi_{28}^{4}\ \Phi_{26}^{2}\ \Phi_{14}^{4}\ \Phi_{13}^{3}\ \Phi_{8}^{6}\ \Phi_{7}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
161881	1974	637	$\frac{2}{49}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{6}{13}$	$\Phi_{637}^{3}\ \Phi_{91}^{2}\ \Phi_{49}^{6}\ \Phi_{13}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
161882	1974	2080	$\frac{1}{20}$	$\frac{1}{13}$	$\frac{19}{160}$	$\frac{6}{13}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{208}\ \Phi_{160}^{2}\ \Phi_{104}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
161883	1974	650	$\frac{3}{50}$	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{6}{13}$	$\Phi_{650}^{3}\ \Phi_{325}^{3}\ \Phi_{130}^{2}\ \Phi_{65}^{2}\ \Phi_{50}^{6}\ \Phi_{26}^{2}\ \Phi_{25}^{6}\ \Phi_{13}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
161884	1974	2002	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{13}{154}$	$\frac{6}{13}$	$\Phi_{2002}\ \Phi_{1001}\ \Phi_{286}\ \Phi_{154}^{2}\ \Phi_{143}\ \Phi_{77}^{2}\ \Phi_{22}^{2}\ \Phi_{13}\ \Phi_{11}^{2}\ \Phi_{1}^{2}$
161885	1974	1824	$\frac{1}{76}$	$\frac{25}{304}$	$\frac{1}{3}$	$\frac{279}{608}$	$\Phi_{1824}^{3}\ \Phi_{228}\ \Phi_{114}\ \Phi_{96}^{3}\ \Phi_{57}\ \Phi_{12}\ \Phi_{6}$
161886	1974	1973	$\frac{23}{1973}$	$\frac{189}{1973}$	$\frac{650}{1973}$	$\frac{892}{1973}$	$\Phi_{1973}\ \Phi_{1}^{2}$
161887	1974	4200	$\frac{1}{30}$	$\frac{29}{300}$	$\frac{1}{7}$	$\frac{271}{600}$	$\Phi_{4200}\ \Phi_{1400}\ \Phi_{840}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
161888	1974	2380	$\frac{11}{340}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{2380}\ \Phi_{1190}\ \Phi_{595}\ \Phi_{476}\ \Phi_{238}\ \Phi_{119}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
161889	1974	4158	$\frac{1}{33}$	$\frac{32}{297}$	$\frac{1}{7}$	$\frac{265}{594}$	$\Phi_{4158}\ \Phi_{1386}\ \Phi_{462}\ \Phi_{378}\ \Phi_{231}\ \Phi_{154}\ \Phi_{126}\ \Phi_{77}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
161890	1974	2064	$\frac{1}{48}$	$\frac{5}{43}$	$\frac{8}{43}$	$\frac{19}{43}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{688}\ \Phi_{516}\ \Phi_{344}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}$
161891	1974	3612	$\frac{1}{43}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{37}{84}$	$\Phi_{3612}\ \Phi_{1204}\ \Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}$
161892	1974	1973	$\frac{34}{1973}$	$\frac{277}{1973}$	$\frac{375}{1973}$	$\frac{848}{1973}$	$\Phi_{1973}\ \Phi_{1}^{2}$
161893	1974	2636	$\frac{8}{659}$	$\frac{93}{659}$	$\frac{1}{4}$	$\frac{283}{659}$	$\Phi_{2636}\ \Phi_{1318}$
161894	1974	852	$\frac{1}{142}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{852}^{4}\ \Phi_{426}\ \Phi_{284}^{4}\ \Phi_{213}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}^{2}$
161895	1974	3372	$\frac{2}{281}$	$\frac{1}{6}$	$\frac{93}{281}$	$\frac{5}{12}$	$\Phi_{3372}\ \Phi_{1124}\ \Phi_{281}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
161896	1974	1140	$\frac{1}{95}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{1140}\ \Phi_{570}^{2}\ \Phi_{380}^{2}\ \Phi_{285}^{2}\ \Phi_{228}\ \Phi_{190}^{3}\ \Phi_{114}^{2}\ \Phi_{95}^{2}\ \Phi_{76}^{2}\ \Phi_{60}\ \Phi_{57}^{2}\ \Phi_{38}^{3}\ \Phi_{30}^{2}\ \Phi_{20}^{2}\ \Phi_{19}^{2}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
161897	1974	3372	$\frac{5}{281}$	$\frac{46}{281}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3372}\ \Phi_{1124}\ \Phi_{281}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
161898	1974	336	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{336}^{7}\ \Phi_{168}^{7}\ \Phi_{112}^{7}\ \Phi_{84}^{6}\ \Phi_{56}^{7}\ \Phi_{42}^{7}\ \Phi_{28}^{6}\ \Phi_{21}^{7}\ \Phi_{14}^{7}\ \Phi_{7}^{6}$
161899	1974	3440	$\frac{1}{43}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{33}{80}$	$\Phi_{3440}\ \Phi_{688}\ \Phi_{344}\ \Phi_{172}\ \Phi_{86}$
161900	1974	3850	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{54}{275}$	$\frac{221}{550}$	$\Phi_{3850}\ \Phi_{770}\ \Phi_{385}\ \Phi_{350}\ \Phi_{154}\ \Phi_{77}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
161901	1974	2460	$\frac{1}{164}$	$\frac{1}{5}$	$\frac{163}{492}$	$\frac{2}{5}$	$\Phi_{2460}\ \Phi_{1230}\ \Phi_{615}\ \Phi_{492}^{2}\ \Phi_{246}^{2}\ \Phi_{123}^{2}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
161902	1974	710	$\frac{1}{142}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{710}^{3}\ \Phi_{355}^{3}\ \Phi_{142}^{2}\ \Phi_{71}^{2}\ \Phi_{10}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
161903	1974	1660	$\frac{3}{332}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1660}\ \Phi_{830}\ \Phi_{415}\ \Phi_{332}^{2}\ \Phi_{166}^{2}\ \Phi_{83}^{2}\ \Phi_{5}\ \Phi_{1}^{2}$
161904	1974	410	$\frac{1}{82}$	$\frac{81}{410}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{410}^{5}\ \Phi_{205}^{5}\ \Phi_{82}^{4}\ \Phi_{41}^{4}\ \Phi_{10}^{5}\ \Phi_{5}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
161905	1974	820	$\frac{3}{164}$	$\frac{23}{164}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{820}^{2}\ \Phi_{410}^{2}\ \Phi_{205}^{2}\ \Phi_{164}^{4}\ \Phi_{82}^{4}\ \Phi_{41}^{4}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
161906	1974	240	$\frac{1}{48}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{240}^{7}\ \Phi_{120}^{7}\ \Phi_{80}^{7}\ \Phi_{60}^{7}\ \Phi_{48}^{14}\ \Phi_{40}^{6}\ \Phi_{30}^{7}\ \Phi_{24}^{14}\ \Phi_{20}^{6}\ \Phi_{16}^{14}\ \Phi_{15}^{7}\ \Phi_{12}^{14}\ \Phi_{10}^{6}\ \Phi_{8}^{12}\ \Phi_{6}^{14}\ \Phi_{5}^{7}\ \Phi_{4}^{12}\ \Phi_{3}^{14}\ \Phi_{2}^{12}\ \Phi_{1}^{14}$
161907	1974	1845	$\frac{1}{41}$	$\frac{40}{369}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1845}\ \Phi_{615}\ \Phi_{369}^{2}\ \Phi_{123}^{2}\ \Phi_{45}\ \Phi_{15}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
161908	1974	550	$\frac{1}{22}$	$\frac{3}{50}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{550}^{4}\ \Phi_{275}^{4}\ \Phi_{110}^{3}\ \Phi_{55}^{3}\ \Phi_{50}^{2}\ \Phi_{25}^{2}\ \Phi_{22}^{2}\ \Phi_{11}^{2}\ \Phi_{10}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
161909	1974	836	$\frac{1}{22}$	$\frac{1}{19}$	$\frac{9}{38}$	$\frac{29}{76}$	$\Phi_{836}^4\ \Phi_{418}\ \Phi_{209}\ \Phi_{76}^2\ \Phi_{44}^4\ \Phi_{38}\ \Phi_4^2$
161910	1974	3696	$\frac{1}{66}$	$\frac{1}{7}$	$\frac{65}{264}$	$\frac{199}{528}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{462}\ \Phi_{336}\ \Phi_{231}\ \Phi_{154}\ \Phi_{112}\ \Phi_{77}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
161911	1974	2976	$\frac{5}{992}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{2976}\ \Phi_{1488}\ \Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{96}\ \Phi_{93}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
161912	1974	1973	$\frac{27}{1973}$	$\frac{278}{1973}$	$\frac{565}{1973}$	$\frac{704}{1973}$	$\Phi_{1973}\ \Phi_1^2$
161913	1974	2064	$\frac{1}{48}$	$\frac{4}{43}$	$\frac{13}{43}$	$\frac{15}{43}$	$\Phi_{2064}\ \Phi_{1032}\ \Phi_{688}\ \Phi_{516}\ \Phi_{344}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}$
161914	1974	3096	$\frac{1}{43}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{25}{72}$	$\Phi_{3096}\ \Phi_{1032}\ \Phi_{516}\ \Phi_{344}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}$
161915	1974	1973	$\frac{38}{1973}$	$\frac{187}{1973}$	$\frac{645}{1973}$	$\frac{664}{1973}$	$\Phi_{1973}\ \Phi_1^2$
161916	1974	2264	$\frac{4}{283}$	$\frac{1}{8}$	$\frac{93}{283}$	$\frac{95}{283}$	$\Phi_{2264}\ \Phi_{1132}\ \Phi_{566}$
161917	1974	1482	$\frac{1}{247}$	$\frac{82}{247}$	$\frac{1}{3}$	$\frac{165}{494}$	$\Phi_{1482}^3\ \Phi_{741}\ \Phi_{114}^3\ \Phi_{78}^3\ \Phi_{57}\ \Phi_{39}\ \Phi_6^3$
161918	1974	1278	$\frac{1}{142}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1278}^2\ \Phi_{639}^2\ \Phi_{426}\ \Phi_{213}\ \Phi_{18}^2\ \Phi_6$
161919	1974	492	$\frac{1}{164}$	$\frac{1}{4}$	$\frac{163}{492}$	$\frac{1}{3}$	$\Phi_{492}^3\ \Phi_{246}^3\ \Phi_{164}^6\ \Phi_{123}^3\ \Phi_{82}^6\ \Phi_{41}^6\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
161920	1974	2529	$\frac{2}{281}$	$\frac{2}{9}$	$\frac{93}{281}$	$\frac{1}{3}$	$\Phi_{2529}\ \Phi_{281}\ \Phi_9^2\ \Phi_1^2$
161921	1974	1140	$\frac{1}{76}$	$\frac{51}{380}$	$\frac{25}{76}$	$\frac{1}{3}$	$\Phi_{1140}^3\ \Phi_{570}^3\ \Phi_{285}^3\ \Phi_{228}\ \Phi_{114}\ \Phi_{60}^3\ \Phi_{57}\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{12}\ \Phi_6$
161922	1974	840	$\frac{1}{70}$	$\frac{1}{8}$	$\frac{23}{70}$	$\frac{1}{3}$	$\Phi_{840}^4\ \Phi_{420}^4\ \Phi_{210}^2\ \Phi_{168}^4\ \Phi_{120}^4\ \Phi_{105}^2\ \Phi_{84}^4\ \Phi_{60}^4\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{24}^5\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{12}^5\ \Phi_6^3\ \Phi_3^2$
161923	1974	156	$\frac{1}{52}$	$\frac{5}{52}$	$\frac{17}{52}$	$\frac{1}{3}$	$\Phi_{156}^{19}\ \Phi_{78}^{19}\ \Phi_{39}^{19}\ \Phi_{12}^{19}\ \Phi_6^{19}\ \Phi_3^{18}$
161924	1974	1518	$\frac{1}{23}$	$\frac{1}{22}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{1518}\ \Phi_{759}\ \Phi_{506}^2\ \Phi_{253}^2\ \Phi_{138}\ \Phi_{66}^2\ \Phi_{46}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_2^2$
161925	1974	342	$\frac{13}{342}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{1}{3}$	$\Phi_{342}^6\ \Phi_{171}^6\ \Phi_{114}^6\ \Phi_{57}^4\ \Phi_{38}^6\ \Phi_{19}^6\ \Phi_{18}^6\ \Phi_9^6\ \Phi_6^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
161926	1974	1014	$\frac{9}{338}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{1014}^3\ \Phi_{507}^3\ \Phi_{78}^3\ \Phi_{39}\ \Phi_6^3$
161927	1974	240	$\frac{1}{48}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{240}^8\ \Phi_{120}^8\ \Phi_{80}^8\ \Phi_{60}^8\ \Phi_{48}^{10}\ \Phi_{40}^8\ \Phi_{30}^6\ \Phi_{24}^{10}\ \Phi_{20}^8\ \Phi_{16}^{10}\ \Phi_{15}^6\ \Phi_{12}^{10}\ \Phi_{10}^8\ \Phi_8^{10}\ \Phi_6^8\ \Phi_5^8\ \Phi_4^{10}\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
161928	1974	468	$\frac{1}{52}$	$\frac{17}{156}$	$\frac{139}{468}$	$\frac{1}{3}$	$\Phi_{468}^6\ \Phi_{234}^6\ \Phi_{156}\ \Phi_{117}^6\ \Phi_{78}\ \Phi_{39}\ \Phi_{36}^6\ \Phi_{18}^6\ \Phi_{12}\ \Phi_9^6\ \Phi_6$
161929	1974	2964	$\frac{15}{988}$	$\frac{139}{988}$	$\frac{283}{988}$	$\frac{1}{3}$	$\Phi_{2964}\ \Phi_{1482}\ \Phi_{741}\ \Phi_{228}\ \Phi_{156}\ \Phi_{114}\ \Phi_{78}\ \Phi_{57}\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
161930	1974	456	$\frac{1}{76}$	$\frac{25}{152}$	$\frac{127}{456}$	$\frac{1}{3}$	$\Phi_{456}^3\ \Phi_{228}^4\ \Phi_{152}^6\ \Phi_{114}^4\ \Phi_{76}^6\ \Phi_{57}^4\ \Phi_{38}^6\ \Phi_{24}^3\ \Phi_{19}^6\ \Phi_{12}^4\ \Phi_8^6\ \Phi_6^4\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
161931	1974	996	$\frac{3}{332}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{996}^3\ \Phi_{498}^3\ \Phi_{249}^3\ \Phi_{12}\ \Phi_6$
161932	1974	3936	$\frac{3}{328}$	$\frac{325}{1312}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3936}\ \Phi_{1968}\ \Phi_{96}\ \Phi_{48}\ \Phi_{12}\ \Phi_6$
161933	1974	3420	$\frac{1}{95}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3420}\ \Phi_{1710}\ \Phi_{684}\ \Phi_{380}\ \Phi_{342}\ \Phi_{190}\ \Phi_{180}\ \Phi_{90}\ \Phi_{76}\ \Phi_{38}\ \Phi_{20}\ \Phi_{10}$
161934	1974	2460	$\frac{1}{82}$	$\frac{81}{410}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2460}^2\ \Phi_{1230}\ \Phi_{615}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
161935	1974	492	$\frac{3}{164}$	$\frac{23}{164}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{492}^6\ \Phi_{246}^6\ \Phi_{123}^6\ \Phi_{12}^7\ \Phi_6^7\ \Phi_3^6$
161936	1974	48	$\frac{1}{48}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{48}^{42}\ \Phi_{24}^{39}\ \Phi_{16}^{42}\ \Phi_{12}^{40}\ \Phi_8^{42}\ \Phi_6^{40}\ \Phi_4^{42}\ \Phi_3^{39}\ \Phi_2^{42}\ \Phi_1^{42}$
161937	1974	1476	$\frac{1}{41}$	$\frac{40}{369}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1476}^2\ \Phi_{738}^2\ \Phi_{492}\ \Phi_{246}\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
161938	1974	3648	$\frac{1}{76}$	$\frac{229}{1216}$	$\frac{75}{304}$	$\frac{1}{3}$	$\Phi_{3648}\ \Phi_{1824}\ \Phi_{228}\ \Phi_{192}\ \Phi_{114}\ \Phi_{96}\ \Phi_{57}\ \Phi_{12}\ \Phi_6$
161939	1974	3900	$\frac{12}{325}$	$\frac{1}{13}$	$\frac{313}{1300}$	$\frac{1}{3}$	$\Phi_{3900}\ \Phi_{1950}\ \Phi_{780}\ \Phi_{390}\ \Phi_{300}\ \Phi_{156}\ \Phi_{150}\ \Phi_{78}\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{12}\ \Phi_6$
161940	1974	3876	$\frac{1}{19}$	$\frac{18}{323}$	$\frac{305}{1292}$	$\frac{1}{3}$	$\Phi_{3876}\ \Phi_{1938}\ \Phi_{228}\ \Phi_{204}\ \Phi_{114}\ \Phi_{102}\ \Phi_{57}\ \Phi_{12}\ \Phi_6$
161941	1974	2529	$\frac{5}{281}$	$\frac{46}{281}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2529}\ \Phi_{281}\ \Phi_9^2\ \Phi_1^2$
161942	1974	1008	$\frac{1}{48}$	$\frac{1}{7}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1008}^3\ \Phi_{504}^3\ \Phi_{336}\ \Phi_{252}^3\ \Phi_{168}\ \Phi_{126}^3\ \Phi_{112}\ \Phi_{84}\ \Phi_{63}^2\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
161943	1974	2322	$\frac{1}{43}$	$\frac{7}{54}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2322}\ \Phi_{1161}\ \Phi_{774}\ \Phi_{258}\ \Phi_{129}\ \Phi_{86}$
161944	1974	2580	$\frac{1}{43}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	$\Phi_{2580}\ \Phi_{1290}\ \Phi_{860}\ \Phi_{516}\ \Phi_{430}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{86}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
161945	1974	1248	$\frac{1}{52}$	$\frac{17}{104}$	$\frac{87}{416}$	$\frac{1}{3}$	$\Phi_{1248}^3\ \Phi_{624}^3\ \Phi_{156}\ \Phi_{96}^3\ \Phi_{78}\ \Phi_{48}^3\ \Phi_{39}\ \Phi_{12}\ \Phi_6$
161946	1974	1200	$\frac{1}{48}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}\ \Phi_{50}^2\ \Phi_{48}^2\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
161947	1974	3480	$\frac{4}{145}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3480}\ \Phi_{1740}\ \Phi_{870}\ \Phi_{696}\ \Phi_{348}\ \Phi_{174}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
161948	1974	1140	$\frac{1}{38}$	$\frac{51}{380}$	$\frac{37}{190}$	$\frac{1}{3}$	$\Phi_{1140}^3\ \Phi_{570}^2\ \Phi_{285}^2\ \Phi_{228}^3\ \Phi_{114}^3\ \Phi_{60}^3\ \Phi_{57}^3\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^2$
161949	1974	4200	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{34}{175}$	$\frac{1}{3}$	$\Phi_{4200}\ \Phi_{2100}\ \Phi_{1050}\ \Phi_{600}\ \Phi_{300}\ \Phi_{150}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
161950	1974	3120	$\frac{53}{1040}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{624}\ \Phi_{390}\ \Phi_{312}\ \Phi_{240}\ \Phi_{156}\ \Phi_{120}\ \Phi_{78}\ \Phi_{60}\ \Phi_{48}\ \Phi_{39}\ \Phi_{30}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
161951	1974	168	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{9}{56}$	$\frac{1}{3}$	$\Phi_{168}^{17}\ \Phi_{84}^{18}\ \Phi_{42}^{18}\ \Phi_{24}^{18}\ \Phi_{21}^{18}\ \Phi_{12}^{19}\ \Phi_6^{19}\ \Phi_3^{18}$
161952	1974	390	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{61}{390}$	$\frac{1}{3}$	$\Phi_{390}^6\ \Phi_{195}^3\ \Phi_{130}^6\ \Phi_{78}^6\ \Phi_{65}^6\ \Phi_{39}^4\ \Phi_{30}^6\ \Phi_{26}^6\ \Phi_{15}^3\ \Phi_{13}^6\ \Phi_{10}^6\ \Phi_6^6\ \Phi_5^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
161953	1974	1176	$\frac{2}{49}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1176}^3\ \Phi_{588}^3\ \Phi_{294}^3\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3$
161954	1974	156	$\frac{3}{52}$	$\frac{5}{52}$	$\frac{7}{52}$	$\frac{1}{3}$	$\Phi_{156}^{19}\ \Phi_{78}^{19}\ \Phi_{39}^{19}\ \Phi_{12}^{19}\ \Phi_6^{19}\ \Phi_3^{18}$
161955	1974	456	$\frac{11}{152}$	$\frac{3}{38}$	$\frac{5}{38}$	$\frac{1}{3}$	$\Phi_{456}^7\ \Phi_{228}^7\ \Phi_{114}^5\ \Phi_{57}^5\ \Phi_{24}^7\ \Phi_{12}^7\ \Phi_6^5\ \Phi_3^4$
161956	1974	480	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{480}^7\ \Phi_{240}^7\ \Phi_{120}^3\ \Phi_{96}^7\ \Phi_{60}^4\ \Phi_{48}^7\ \Phi_{30}^4\ \Phi_{24}^4\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
161957	1974	600	$\frac{3}{50}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{600}^6\ \Phi_{300}^6\ \Phi_{150}^3\ \Phi_{120}^4\ \Phi_{75}^3\ \Phi_{60}^4\ \Phi_{30}^2\ \Phi_{24}^5\ \Phi_{15}^2\ \Phi_{12}^5\ \Phi_6^3\ \Phi_3^2$
161958	1974	1848	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{1848}^2\ \Phi_{924}^2\ \Phi_{462}\ \Phi_{264}^2\ \Phi_{231}\ \Phi_{132}^2\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
161959	1974	2772	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{67}{396}$	$\frac{32}{99}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{462}\ \Phi_{308}\ \Phi_{252}\ \Phi_{231}\ \Phi_{154}\ \Phi_{126}\ \Phi_{84}\ \Phi_{77}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
161960	1974	3402	$\frac{5}{162}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{157}{486}$	$\Phi_{3402}\ \Phi_{1701}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
161961	1974	2829	$\frac{1}{23}$	$\frac{2}{41}$	$\frac{13}{41}$	$\frac{22}{69}$	$\Phi_{2829}\ \Phi_{123}\ \Phi_{69}^2\ \Phi_{41}\ \Phi_3^2\ \Phi_1^2$
161962	1974	1380	$\frac{1}{23}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{22}{69}$	$\Phi_{1380}^2\ \Phi_{690}^2\ \Phi_{460}^2\ \Phi_{276}\ \Phi_{230}^2\ \Phi_{138}\ \Phi_{92}^2\ \Phi_{60}^3\ \Phi_{46}^2\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
161963	1974	2829	$\frac{1}{23}$	$\frac{5}{41}$	$\frac{6}{41}$	$\frac{22}{69}$	$\Phi_{2829}\ \Phi_{123}\ \Phi_{69}^2\ \Phi_{41}\ \Phi_3^2\ \Phi_1^2$
161964	1974	3864	$\frac{1}{23}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{22}{69}$	$\Phi_{3864}\ \Phi_{1932}\ \Phi_{966}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}$
161965	1974	3360	$\frac{9}{160}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{151}{480}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{672}\ \Phi_{420}\ \Phi_{336}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
161966	1974	2520	$\frac{1}{15}$	$\frac{31}{360}$	$\frac{1}{7}$	$\frac{14}{45}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{420}\ \Phi_{280}\ \Phi_{252}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
161967	1974	345	$\frac{16}{345}$	$\frac{2}{23}$	$\frac{1}{5}$	$\frac{7}{23}$	$\Phi_{345}^6\ \Phi_{115}^5\ \Phi_{69}^6\ \Phi_{23}^6\ \Phi_{15}^6\ \Phi_5^4\ \Phi_3^6\ \Phi_1^6$
161968	1974	2970	$\frac{1}{22}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{41}{135}$	$\Phi_{2970}\ \Phi_{1485}\ \Phi_{594}\ \Phi_{297}\ \Phi_{270}\ \Phi_{110}\ \Phi_{55}\ \Phi_{54}\ \Phi_{10}$
161969	1974	310	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{15}{62}$	$\frac{3}{10}$	$\Phi_{310}^6\ \Phi_{155}^6\ \Phi_{62}^8\ \Phi_{31}^7\ \Phi_{10}^8\ \Phi_5^8\ \Phi_2^{10}\ \Phi_1^{10}$
161970	1974	462	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{1}{7}$	$\frac{19}{66}$	$\Phi_{462}^7\ \Phi_{231}^7\ \Phi_{154}\ \Phi_{77}\ \Phi_{42}^7\ \Phi_{21}^7\ \Phi_{14}$
161971	1974	2394	$\frac{13}{342}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2394}\ \Phi_{1197}\ \Phi_{798}\ \Phi_{399}\ \Phi_{266}\ \Phi_{133}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
161972	1974	3150	$\frac{1}{30}$	$\frac{1}{7}$	$\frac{29}{150}$	$\frac{121}{450}$	$\Phi_{3150}\ \Phi_{1575}\ \Phi_{630}\ \Phi_{315}\ \Phi_{210}\ \Phi_{126}\ \Phi_{105}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
161973	1974	2310	$\frac{1}{22}$	$\frac{11}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{385}\ \Phi_{231}\ \Phi_{210}\ \Phi_{154}\ \Phi_{110}\ \Phi_{77}\ \Phi_{70}\ \Phi_{55}\ \Phi_{42}\ \Phi_{14}\ \Phi_{10}$
161974	1974	248	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{15}{62}$	$\frac{1}{4}$	$\Phi_{248}^9\ \Phi_{124}^6\ \Phi_{62}^8\ \Phi_{31}^7\ \Phi_8^{12}\ \Phi_4^8\ \Phi_2^{10}\ \Phi_1^{10}$
161975	1974	1550	$\frac{1}{31}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{15}{62}$	$\Phi_{1550}^2\ \Phi_{775}\ \Phi_{62}^2\ \Phi_{50}^2\ \Phi_{31}\ \Phi_{25}^2\ \Phi_2^2\ \Phi_1^2$
161976	1974	3024	$\frac{5}{108}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{103}{432}$	$\Phi_{3024}\ \Phi_{1512}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{336}\ \Phi_{168}\ \Phi_{112}\ \Phi_{56}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
161977	1974	2520	$\frac{31}{360}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{40}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{168}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
161978	1974	660	$\frac{1}{22}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{60}$	$\Phi_{660}^4\ \Phi_{330}^2\ \Phi_{220}^4\ \Phi_{165}^2\ \Phi_{132}^4\ \Phi_{110}^3\ \Phi_{66}^2\ \Phi_{60}^2\ \Phi_{55}^3\ \Phi_{44}^4\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
161979	1974	420	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{13}{60}$	$\Phi_{420}^7\ \Phi_{210}^7\ \Phi_{140}^7\ \Phi_{105}\ \Phi_{84}^7\ \Phi_{70}^7\ \Phi_{42}^7\ \Phi_{35}\ \Phi_{28}^7\ \Phi_{21}\ \Phi_{14}^7$
161980	1974	350	$\frac{3}{50}$	$\frac{1}{7}$	$\frac{4}{25}$	$\frac{1}{5}$	$\Phi_{350}^7\ \Phi_{175}^6\ \Phi_{70}^7\ \Phi_{35}^7\ \Phi_{14}^7\ \Phi_7^6$
161981	1974	2730	$\frac{4}{65}$	$\frac{1}{7}$	$\frac{61}{390}$	$\frac{1}{5}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{910}\ \Phi_{546}\ \Phi_{273}\ \Phi_{210}\ \Phi_{182}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
161982	1974	2800	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{7}$	$\frac{71}{400}$	$\Phi_{2800}\ \Phi_{1400}\ \Phi_{700}\ \Phi_{350}\ \Phi_{175}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
161983	1974	2520	$\frac{31}{360}$	$\frac{5}{36}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{420}\ \Phi_{315}\ \Phi_{280}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{105}\ \Phi_{70}\ \Phi_{56}\ \Phi_{42}\ \Phi_{35}\ \Phi_{21}\ \Phi_{14}$
161984	1974	378	$\frac{5}{54}$	$\frac{7}{54}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{378}^6\ \Phi_{189}^6\ \Phi_{126}^6\ \Phi_{63}^6\ \Phi_{42}^7\ \Phi_{21}^7\ \Phi_{14}^7\ \Phi_7^6$
161985	1975	1576	$\frac{1}{394}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{393}{788}$	$\Phi_{1576}^2\ \Phi_{788}\ \Phi_8^3\ \Phi_4\ \Phi_1$
161986	1975	3384	$\frac{1}{282}$	$\frac{283}{1692}$	$\frac{1409}{3384}$	$\frac{281}{564}$	$\Phi_{3384}\ \Phi_{1128}\ \Phi_{564}\ \Phi_{376}\ \Phi_{188}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
161987	1975	3936	$\frac{7}{1968}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1961}{3936}$	$\Phi_{3936}\ \Phi_{1312}\ \Phi_{96}\ \Phi_{32}\ \Phi_{12}\ \Phi_4\ \Phi_1$
161988	1975	786	$\frac{2}{393}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{391}{786}$	$\Phi_{786}^2\ \Phi_{393}^3\ \Phi_{262}^2\ \Phi_{131}^3\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
161989	1975	3924	$\frac{13}{1962}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1949}{3924}$	$\Phi_{3924}\ \Phi_{1308}\ \Phi_{436}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
161990	1975	528	$\frac{1}{132}$	$\frac{1}{6}$	$\frac{133}{528}$	$\frac{131}{264}$	$\Phi_{528}^5\ \Phi_{176}^5\ \Phi_{132}^5\ \Phi_{66}^5\ \Phi_{48}^5\ \Phi_{44}^5\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_{11}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
161991	1975	784	$\frac{3}{392}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{389}{784}$	$\Phi_{784}^5\ \Phi_{112}^5\ \Phi_{28}\ \Phi_{16}^5\ \Phi_4\ \Phi_1$
161992	1975	784	$\frac{3}{392}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{389}{784}$	$\Phi_{784}^5\ \Phi_{112}^5\ \Phi_{16}^5\ \Phi_7^2\ \Phi_1^3$
161993	1975	2352	$\frac{3}{392}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{389}{784}$	$\Phi_{2352}^2\ \Phi_{784}\ \Phi_{336}^2\ \Phi_{112}\ \Phi_{48}^2\ \Phi_{16}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
161994	1975	752	$\frac{1}{94}$	$\frac{19}{376}$	$\frac{357}{752}$	$\frac{93}{188}$	$\Phi_{752}^5\ \Phi_{188}\ \Phi_{16}^5\ \Phi_4\ \Phi_1$
161995	1975	564	$\frac{1}{94}$	$\frac{19}{188}$	$\frac{169}{564}$	$\frac{93}{188}$	$\Phi_{564}^5\ \Phi_{282}^5\ \Phi_{188}\ \Phi_{141}^5\ \Phi_{12}^5\ \Phi_6^5\ \Phi_4\ \Phi_3^5\ \Phi_1$
161996	1975	2256	$\frac{1}{94}$	$\frac{281}{2256}$	$\frac{95}{376}$	$\frac{93}{188}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{752}\ \Phi_{564}\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
161997	1975	2376	$\frac{5}{396}$	$\frac{1}{6}$	$\frac{401}{2376}$	$\frac{391}{792}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{216}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{66}\ \Phi_{54}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{27}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_1$
161998	1975	624	$\frac{1}{78}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{77}{156}$	$\Phi_{624}^6\ \Phi_{208}^6\ \Phi_{156}\ \Phi_{52}\ \Phi_{48}^7\ \Phi_{16}^7\ \Phi_{12}\ \Phi_4\ \Phi_1$
161999	1975	1404	$\frac{1}{78}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{77}{156}$	$\Phi_{1404}^3\ \Phi_{468}^3\ \Phi_{156}\ \Phi_{108}^3\ \Phi_{52}\ \Phi_{36}^3\ \Phi_{27}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
162000	1975	468	$\frac{1}{78}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{77}{156}$	$\Phi_{468}^6\ \Phi_{234}^6\ \Phi_{156}\ \Phi_{117}^6\ \Phi_{52}\ \Phi_{36}^7\ \Phi_{18}^7\ \Phi_{12}\ \Phi_9^7\ \Phi_4\ \Phi_1$
162001	1975	1092	$\frac{1}{78}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{77}{156}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{156}\ \Phi_{91}^2\ \Phi_{84}^2\ \Phi_{52}\ \Phi_{42}^2\ \Phi_{28}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_{12}\ \Phi_7^3\ \Phi_4\ \Phi_1$
162002	1975	1248	$\frac{1}{78}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{77}{156}$	$\Phi_{1248}^2\ \Phi_{624}^2\ \Phi_{416}^2\ \Phi_{208}^2\ \Phi_{156}\ \Phi_{96}^2\ \Phi_{52}\ \Phi_{48}^2\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
162003	1975	156	$\frac{1}{78}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{77}{156}$	$\Phi_{156}^{25}\ \Phi_{52}^{25}\ \Phi_{12}^{25}\ \Phi_6^4\ \Phi_4^{25}\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
162004	1975	3888	$\frac{31}{1944}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1913}{3888}$	$\Phi_{3888}\ \Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
162005	1975	774	$\frac{8}{387}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{379}{774}$	$\Phi_{774}^2\ \Phi_{387}^3\ \Phi_{258}^2\ \Phi_{129}^3\ \Phi_{86}^2\ \Phi_{43}^3\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
162006	1975	3864	$\frac{43}{1932}$	$\frac{1}{42}$	$\frac{41}{84}$	$\frac{1889}{3864}$	$\Phi_{3864}\ \Phi_{1288}\ \Phi_{552}\ \Phi_{184}\ \Phi_{168}\ \Phi_{84}\ \Phi_{56}\ \Phi_{28}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
162007	1975	264	$\frac{1}{44}$	$\frac{9}{88}$	$\frac{1}{6}$	$\frac{43}{88}$	$\Phi_{264}^8\ \Phi_{132}^{10}\ \Phi_{88}^4\ \Phi_{66}^{10}\ \Phi_{44}^5\ \Phi_{33}^{10}\ \Phi_{24}^8\ \Phi_{22}^5\ \Phi_{12}^{10}\ \Phi_{11}^5\ \Phi_8^4\ \Phi_6^9\ \Phi_4^5\ \Phi_3^9\ \Phi_2^4\ \Phi_1^5$
162008	1975	462	$\frac{2}{77}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{75}{154}$	$\Phi_{462}^5\ \Phi_{231}^5\ \Phi_{77}^5\ \Phi_{66}^6\ \Phi_{42}^5\ \Phi_{33}^6\ \Phi_{22}\ \Phi_{21}^5\ \Phi_{11}^5\ \Phi_7^5\ \Phi_6^5\ \Phi_3^5\ \Phi_1^5$
162009	1975	308	$\frac{2}{77}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{75}{154}$	$\Phi_{308}^7\ \Phi_{154}^4\ \Phi_{77}^7\ \Phi_{44}^7\ \Phi_{28}^9\ \Phi_{22}^4\ \Phi_{14}^6\ \Phi_{11}^7\ \Phi_7^8\ \Phi_4^9\ \Phi_2^6\ \Phi_1^9$
162010	1975	432	$\frac{1}{36}$	$\frac{37}{432}$	$\frac{1}{6}$	$\frac{35}{72}$	$\Phi_{432}^5\ \Phi_{216}^5\ \Phi_{144}^5\ \Phi_{108}^5\ \Phi_{54}^5\ \Phi_{48}^5\ \Phi_{36}^5\ \Phi_{27}^5\ \Phi_{18}^5\ \Phi_{16}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
162011	1975	768	$\frac{11}{384}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{373}{768}$	$\Phi_{768}^5\ \Phi_{256}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
162012	1975	3828	$\frac{61}{1914}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1853}{3828}$	$\Phi_{3828}\ \Phi_{1276}\ \Phi_{348}\ \Phi_{132}\ \Phi_{116}\ \Phi_{66}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
162013	1975	2112	$\frac{5}{132}$	$\frac{137}{2112}$	$\frac{1}{6}$	$\frac{127}{264}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{192}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{66}\ \Phi_{64}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
162014	1975	1976	$\frac{1}{26}$	$\frac{3}{76}$	$\frac{1}{4}$	$\frac{73}{152}$	$\Phi_{1976}^2\ \Phi_{152}\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{26}\ \Phi_{13}\ \Phi_8\ \Phi_4\ \Phi_1$
162015	1975	1296	$\frac{2}{81}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{1296}^3\ \Phi_{432}^3\ \Phi_{144}^3\ \Phi_{81}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_9\ \Phi_1$
162016	1975	1872	$\frac{1}{39}$	$\frac{1}{24}$	$\frac{38}{117}$	$\frac{23}{48}$	$\Phi_{1872}^3\ \Phi_{144}^3\ \Phi_{117}\ \Phi_{48}\ \Phi_{16}\ \Phi_9\ \Phi_1$
162017	1975	624	$\frac{1}{26}$	$\frac{1}{24}$	$\frac{25}{104}$	$\frac{23}{48}$	$\Phi_{624}^6\ \Phi_{208}^6\ \Phi_{104}\ \Phi_{52}\ \Phi_{48}^7\ \Phi_{16}^7\ \Phi_8\ \Phi_4\ \Phi_1$
162018	1975	336	$\frac{1}{24}$	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{23}{48}$	$\Phi_{336}^{12}\ \Phi_{112}^{12}\ \Phi_{84}\ \Phi_{48}^7\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}^7\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
162019	1975	4368	$\frac{1}{24}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{23}{48}$	$\Phi_{4368}\ \Phi_{1456}\ \Phi_{336}\ \Phi_{112}\ \Phi_{91}\ \Phi_{48}\ \Phi_{16}\ \Phi_7\ \Phi_1$
162020	1975	756	$\frac{1}{42}$	$\frac{17}{378}$	$\frac{41}{126}$	$\frac{361}{756}$	$\Phi_{756}^5\ \Phi_{252}^5\ \Phi_{126}\ \Phi_{108}^5\ \Phi_{84}^5\ \Phi_{63}\ \Phi_{36}^5\ \Phi_{28}^5\ \Phi_{18}\ \Phi_{12}^5\ \Phi_9\ \Phi_4^5\ \Phi_1$
162021	1975	756	$\frac{17}{378}$	$\frac{1}{21}$	$\frac{4}{21}$	$\frac{361}{756}$	$\Phi_{756}^5\ \Phi_{252}^5\ \Phi_{108}^5\ \Phi_{84}^5\ \Phi_{36}^5\ \Phi_{28}^5\ \Phi_{21}^4\ \Phi_{12}^5\ \Phi_7^4\ \Phi_4^5\ \Phi_3^4\ \Phi_1^5$
162022	1975	756	$\frac{17}{378}$	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{361}{756}$	$\Phi_{756}^5\ \Phi_{252}^5\ \Phi_{108}^5\ \Phi_{84}^5\ \Phi_{36}^5\ \Phi_{28}^5\ \Phi_{18}^5\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
162023	1975	2394	$\frac{1}{21}$	$\frac{20}{399}$	$\frac{419}{2394}$	$\frac{379}{798}$	$\Phi_{2394}\ \Phi_{1197}\ \Phi_{399}\ \Phi_{342}\ \Phi_{171}\ \Phi_{133}\ \Phi_{126}\ \Phi_{63}\ \Phi_{57}\ \Phi_{19}\ \Phi_{18}\ \Phi_9\ \Phi_1$
162024	1975	752	$\frac{2}{47}$	$\frac{19}{376}$	$\frac{9}{47}$	$\frac{357}{752}$	$\Phi_{752}^5\ \Phi_{47}^2\ \Phi_{16}^5\ \Phi_1^3$
162025	1975	1950	$\frac{1}{26}$	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{71}{150}$	$\Phi_{1950}\ \Phi_{975}\ \Phi_{650}\ \Phi_{390}\ \Phi_{325}\ \Phi_{195}\ \Phi_{130}^2\ \Phi_{78}\ \Phi_{75}\ \Phi_{65}^2\ \Phi_{39}\ \Phi_{26}\ \Phi_{25}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$
162026	1975	2244	$\frac{1}{22}$	$\frac{21}{374}$	$\frac{1}{6}$	$\frac{353}{748}$	$\Phi_{2244}^2\ \Phi_{748}\ \Phi_{204}^2\ \Phi_{132}^2\ \Phi_{68}\ \Phi_{66}^2\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
162027	1975	2688	$\frac{1}{42}$	$\frac{41}{672}$	$\frac{713}{2688}$	$\frac{631}{1344}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{128}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
162028	1975	1248	$\frac{1}{26}$	$\frac{1}{16}$	$\frac{17}{96}$	$\frac{15}{32}$	$\Phi_{1248}^2\ \Phi_{624}^2\ \Phi_{312}^2\ \Phi_{208}^2\ \Phi_{156}^2\ \Phi_{104}^2\ \Phi_{96}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{48}\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{24}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
162029	1975	3696	$\frac{1}{42}$	$\frac{127}{1848}$	$\frac{41}{168}$	$\frac{1721}{3696}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{28}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
162030	1975	3696	$\frac{5}{132}$	$\frac{127}{1848}$	$\frac{1}{6}$	$\frac{1721}{3696}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{132}\ \Phi_{112}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
162031	1975	588	$\frac{3}{196}$	$\frac{1}{14}$	$\frac{193}{588}$	$\frac{13}{28}$	$\Phi_{588}^5\ \Phi_{294}^5\ \Phi_{147}^5\ \Phi_{84}^5\ \Phi_{42}^5\ \Phi_{28}\ \Phi_{21}^5\ \Phi_{12}^5\ \Phi_6^5\ \Phi_4\ \Phi_3^5\ \Phi_1$
162032	1975	2016	$\frac{41}{2016}$	$\frac{1}{14}$	$\frac{15}{56}$	$\frac{13}{28}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
162033	1975	2352	$\frac{15}{392}$	$\frac{1}{14}$	$\frac{377}{2352}$	$\frac{13}{28}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{784}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{112}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
162034	1975	448	$\frac{3}{56}$	$\frac{1}{14}$	$\frac{53}{448}$	$\frac{13}{28}$	$\Phi_{448}^5\ \Phi_{224}^5\ \Phi_{112}^5\ \Phi_{64}^5\ \Phi_{32}^5\ \Phi_{28}\ \Phi_{16}^5\ \Phi_4\ \Phi_1$
162035	1975	84	$\frac{5}{84}$	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{13}{28}$	$\Phi_{84}^{25}\ \Phi_{42}^{25}\ \Phi_{28}^{21}\ \Phi_{21}^{25}\ \Phi_{14}^{20}\ \Phi_{12}^{25}\ \Phi_7^{20}\ \Phi_6^{25}\ \Phi_4^{21}\ \Phi_3^{25}\ \Phi_2^{20}\ \Phi_1^{21}$
162036	1975	2156	$\frac{1}{14}$	$\frac{15}{196}$	$\frac{181}{2156}$	$\frac{13}{28}$	$\Phi_{2156}\ \Phi_{1078}\ \Phi_{539}\ \Phi_{308}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{11}\ \Phi_4\ \Phi_1$
162037	1975	408	$\frac{13}{408}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{24}$	$\Phi_{408}^5\ \Phi_{204}^5\ \Phi_{136}^5\ \Phi_{102}^5\ \Phi_{68}^5\ \Phi_{51}^5\ \Phi_{34}^5\ \Phi_{17}^5\ \Phi_{12}^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
162038	1975	726	$\frac{1}{33}$	$\frac{32}{363}$	$\frac{1}{6}$	$\frac{331}{726}$	$\Phi_{726}^2\ \Phi_{363}^3\ \Phi_{242}^2\ \Phi_{121}^3\ \Phi_{66}^5\ \Phi_{33}^5\ \Phi_{22}^5\ \Phi_{11}^5\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
162039	1975	144	$\frac{1}{36}$	$\frac{7}{72}$	$\frac{1}{6}$	$\frac{65}{144}$	$\Phi_{144}^{25}\ \Phi_{48}^{25}\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_{16}^{25}\ \Phi_{12}^5\ \Phi_9^5\ \Phi_6^4\ \Phi_4^5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
162040	1975	1872	$\frac{1}{26}$	$\frac{7}{72}$	$\frac{1}{8}$	$\frac{65}{144}$	$\Phi_{1872}^2\ \Phi_{624}^2\ \Phi_{208}^2\ \Phi_{144}\ \Phi_{104}^2\ \Phi_{52}^2\ \Phi_{48}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_4\ \Phi_1$
162041	1975	3564	$\frac{5}{198}$	$\frac{193}{1782}$	$\frac{1}{6}$	$\frac{1589}{3564}$	$\Phi_{3564}\ \Phi_{1188}\ \Phi_{396}\ \Phi_{324}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_9\ \Phi_4\ \Phi_1$
162042	1975	3528	$\frac{1}{42}$	$\frac{211}{1764}$	$\frac{41}{252}$	$\frac{1553}{3528}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{392}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
162043	1975	2112	$\frac{1}{44}$	$\frac{43}{352}$	$\frac{1}{6}$	$\frac{309}{704}$	$\Phi_{2112}^2\ \Phi_{704}\ \Phi_{192}^2\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{64}\ \Phi_{44}\ \Phi_{33}^2\ \Phi_{22}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
162044	1975	1820	$\frac{1}{26}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{61}{140}$	$\Phi_{1820}^2\ \Phi_{364}^2\ \Phi_{260}^2\ \Phi_{140}\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{52}^2\ \Phi_{28}\ \Phi_{26}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
162045	1975	2016	$\frac{41}{2016}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{72}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
162046	1975	399	$\frac{4}{399}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{399}^{5}\ \Phi_{133}^{5}\ \Phi_{57}^{5}\ \Phi_{21}^{5}\ \Phi_{19}^{5}\ \Phi_{7}^{2}\ \Phi_{3}^{5}\ \Phi_{1}^{3}$
162047	1975	2952	$\frac{7}{984}$	$\frac{1}{6}$	$\frac{977}{2952}$	$\frac{5}{12}$	$\Phi_{2952}\ \Phi_{1476}\ \Phi_{738}\ \Phi_{369}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
162048	1975	1992	$\frac{17}{1992}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1992}\ \Phi_{996}\ \Phi_{664}\ \Phi_{498}\ \Phi_{332}\ \Phi_{249}\ \Phi_{166}\ \Phi_{83}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
162049	1975	492	$\frac{7}{492}$	$\frac{1}{6}$	$\frac{97}{492}$	$\frac{5}{12}$	$\Phi_{492}^{4}\ \Phi_{246}^{4}\ \Phi_{164}^{4}\ \Phi_{123}^{4}\ \Phi_{82}^{4}\ \Phi_{41}^{4}\ \Phi_{12}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
162050	1975	2016	$\frac{41}{2016}$	$\frac{7}{48}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
162051	1975	3384	$\frac{1}{141}$	$\frac{283}{1692}$	$\frac{140}{423}$	$\frac{1409}{3384}$	$\Phi_{3384}\ \Phi_{1128}\ \Phi_{423}\ \Phi_{376}\ \Phi_{72}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
162052	1975	672	$\frac{1}{42}$	$\frac{41}{336}$	$\frac{59}{336}$	$\frac{277}{672}$	$\Phi_{672}^{5}\ \Phi_{336}\ \Phi_{224}^{5}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}^{5}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{32}^{5}\ \Phi_{28}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
162053	1975	84	$\frac{1}{21}$	$\frac{5}{84}$	$\frac{4}{21}$	$\frac{17}{42}$	$\Phi_{84}^{25}\ \Phi_{42}^{20}\ \Phi_{28}^{25}\ \Phi_{21}^{24}\ \Phi_{14}^{20}\ \Phi_{12}^{25}\ \Phi_{7}^{24}\ \Phi_{6}^{20}\ \Phi_{4}^{25}\ \Phi_{3}^{24}\ \Phi_{2}^{20}\ \Phi_{1}^{25}$
162054	1975	423	$\frac{2}{47}$	$\frac{28}{423}$	$\frac{9}{47}$	$\frac{19}{47}$	$\Phi_{423}^{5}\ \Phi_{141}^{5}\ \Phi_{47}^{2}\ \Phi_{9}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{3}$
162055	1975	132	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{13}{66}$	$\frac{53}{132}$	$\Phi_{132}^{25}\ \Phi_{66}^{5}\ \Phi_{44}^{25}\ \Phi_{33}^{5}\ \Phi_{22}^{5}\ \Phi_{12}^{25}\ \Phi_{11}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{25}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
162056	1975	564	$\frac{1}{141}$	$\frac{28}{141}$	$\frac{169}{564}$	$\frac{113}{282}$	$\Phi_{564}^{5}\ \Phi_{188}^{5}\ \Phi_{141}^{4}\ \Phi_{47}^{4}\ \Phi_{12}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
162057	1975	1664	$\frac{1}{26}$	$\frac{1}{16}$	$\frac{15}{64}$	$\frac{49}{128}$	$\Phi_{1664}^{2}\ \Phi_{208}^{2}\ \Phi_{128}\ \Phi_{104}^{2}\ \Phi_{52}^{2}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
162058	1975	3192	$\frac{1}{21}$	$\frac{20}{399}$	$\frac{379}{1596}$	$\frac{1217}{3192}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{399}\ \Phi_{168}\ \Phi_{152}\ \Phi_{133}\ \Phi_{57}\ \Phi_{56}\ \Phi_{24}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
162059	1975	3168	$\frac{5}{396}$	$\frac{1}{6}$	$\frac{391}{1584}$	$\frac{1193}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{396}\ \Phi_{352}\ \Phi_{288}\ \Phi_{198}\ \Phi_{132}\ \Phi_{99}\ \Phi_{96}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
162060	1975	4728	$\frac{1}{197}$	$\frac{1}{4}$	$\frac{196}{591}$	$\frac{3}{8}$	$\Phi_{4728}\ \Phi_{591}\ \Phi_{24}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
162061	1975	1576	$\frac{2}{197}$	$\frac{39}{197}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1576}^{2}\ \Phi_{197}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
162062	1975	240	$\frac{1}{80}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{240}^{10}\ \Phi_{120}^{10}\ \Phi_{80}^{5}\ \Phi_{60}^{10}\ \Phi_{48}^{10}\ \Phi_{40}^{5}\ \Phi_{30}^{10}\ \Phi_{24}^{8}\ \Phi_{20}^{5}\ \Phi_{16}^{5}\ \Phi_{15}^{10}\ \Phi_{12}^{10}\ \Phi_{10}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{9}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
162063	1975	3024	$\frac{1}{42}$	$\frac{41}{504}$	$\frac{463}{1512}$	$\frac{1049}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{432}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
162064	1975	1560	$\frac{1}{26}$	$\frac{1}{20}$	$\frac{19}{60}$	$\frac{41}{120}$	$\Phi_{1560}^{2}\ \Phi_{520}^{2}\ \Phi_{312}^{2}\ \Phi_{260}^{2}\ \Phi_{130}^{2}\ \Phi_{120}\ \Phi_{104}^{2}\ \Phi_{65}^{2}\ \Phi_{52}^{2}\ \Phi_{40}\ \Phi_{26}\ \Phi_{24}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
162065	1975	594	$\frac{1}{99}$	$\frac{1}{6}$	$\frac{98}{297}$	$\frac{199}{594}$	$\Phi_{594}^{2}\ \Phi_{297}^{3}\ \Phi_{198}^{5}\ \Phi_{99}^{5}\ \Phi_{66}^{5}\ \Phi_{54}^{2}\ \Phi_{33}^{5}\ \Phi_{27}^{3}\ \Phi_{22}^{5}\ \Phi_{18}^{5}\ \Phi_{11}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
162066	1975	2538	$\frac{1}{141}$	$\frac{563}{2538}$	$\frac{140}{423}$	$\frac{283}{846}$	$\Phi_{2538}\ \Phi_{1269}\ \Phi_{423}\ \Phi_{54}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
162067	1975	81	$\frac{2}{81}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{81}^{25}\ \Phi_{27}^{23}\ \Phi_{9}^{23}\ \Phi_{3}^{24}\ \Phi_{1}^{25}$
162068	1975	351	$\frac{1}{39}$	$\frac{2}{27}$	$\frac{38}{117}$	$\frac{1}{3}$	$\Phi_{351}^{6}\ \Phi_{117}^{4}\ \Phi_{39}^{6}\ \Phi_{27}^{7}\ \Phi_{13}^{6}\ \Phi_{9}^{5}\ \Phi_{3}^{6}\ \Phi_{1}^{7}$
162069	1975	324	$\frac{2}{81}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{324}^{6}\ \Phi_{162}^{6}\ \Phi_{108}^{6}\ \Phi_{81}^{7}\ \Phi_{54}^{6}\ \Phi_{36}^{4}\ \Phi_{27}^{7}\ \Phi_{18}^{4}\ \Phi_{12}^{6}\ \Phi_{9}^{5}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
162070	1975	2268	$\frac{2}{81}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{81}\ \Phi_{63}\ \Phi_{28}\ \Phi_{27}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
162071	1975	2808	$\frac{1}{26}$	$\frac{2}{27}$	$\frac{25}{104}$	$\frac{1}{3}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{936}\ \Phi_{468}\ \Phi_{216}\ \Phi_{108}\ \Phi_{104}\ \Phi_{72}\ \Phi_{52}\ \Phi_{36}\ \Phi_{27}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
162072	1975	2592	$\frac{2}{81}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{81}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
162073	1975	162	$\frac{2}{81}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{162}^{12}\ \Phi_{81}^{13}\ \Phi_{54}^{12}\ \Phi_{27}^{13}\ \Phi_{18}^{12}\ \Phi_{9}^{13}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
162074	1975	756	$\frac{5}{84}$	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{756}^{3}\ \Phi_{378}^{3}\ \Phi_{252}^{3}\ \Phi_{189}^{3}\ \Phi_{126}^{3}\ \Phi_{108}^{3}\ \Phi_{84}\ \Phi_{63}^{3}\ \Phi_{42}\ \Phi_{36}^{3}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
162075	1975	2457	$\frac{2}{27}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{3}$	$\Phi_{2457}\ \Phi_{819}\ \Phi_{189}\ \Phi_{91}\ \Phi_{63}\ \Phi_{27}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
162076	1975	588	$\frac{3}{196}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{193}{588}$	$\Phi_{588}^{5}\ \Phi_{294}^{5}\ \Phi_{147}^{5}\ \Phi_{84}^{5}\ \Phi_{42}^{5}\ \Phi_{21}^{5}\ \Phi_{12}^{5}\ \Phi_{7}^{2}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
162077	1975	588	$\frac{3}{196}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{193}{588}$	$\Phi_{588}^{3}\ \Phi_{294}^{3}\ \Phi_{196}^{4}\ \Phi_{147}^{3}\ \Phi_{98}^{4}\ \Phi_{84}^{3}\ \Phi_{49}^{4}\ \Phi_{42}^{3}\ \Phi_{28}^{4}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{12}^{5}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
162078	1975	2268	$\frac{1}{42}$	$\frac{293}{2268}$	$\frac{85}{378}$	$\frac{41}{126}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{324}\ \Phi_{252}\ \Phi_{162}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{81}\ \Phi_{63}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
162079	1975	504	$\frac{1}{42}$	$\frac{17}{126}$	$\frac{109}{504}$	$\frac{41}{126}$	$\Phi_{504}^{5}\ \Phi_{252}^{5}\ \Phi_{168}^{5}\ \Phi_{126}\ \Phi_{84}^{5}\ \Phi_{72}^{5}\ \Phi_{63}\ \Phi_{56}^{5}\ \Phi_{36}^{5}\ \Phi_{28}^{5}\ \Phi_{24}^{5}\ \Phi_{18}\ \Phi_{12}^{5}\ \Phi_{9}\ \Phi_{8}^{5}\ \Phi_{4}^{5}\ \Phi_{1}$
162080	1975	2376	$\frac{5}{198}$	$\frac{1}{6}$	$\frac{401}{2376}$	$\frac{193}{594}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{396}\ \Phi_{264}\ \Phi_{216}\ \Phi_{198}\ \Phi_{132}\ \Phi_{108}\ \Phi_{99}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
162081	1975	468	$\frac{1}{39}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{38}{117}$	$\Phi_{468}^{3}\ \Phi_{234}^{3}\ \Phi_{156}^{6}\ \Phi_{117}^{4}\ \Phi_{78}^{6}\ \Phi_{52}^{6}\ \Phi_{39}^{6}\ \Phi_{36}^{4}\ \Phi_{26}^{6}\ \Phi_{18}^{4}\ \Phi_{13}^{6}\ \Phi_{12}^{6}\ \Phi_{9}^{5}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
162082	1975	3276	$\frac{1}{39}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{38}{117}$	$\Phi_{3276}\ \Phi_{1638}\ \Phi_{819}\ \Phi_{252}\ \Phi_{126}\ \Phi_{117}\ \Phi_{63}\ \Phi_{28}\ \Phi_{14}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
162083	1975	3744	$\frac{1}{39}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{38}{117}$	$\Phi_{3744}\ \Phi_{1872}\ \Phi_{288}\ \Phi_{144}\ \Phi_{117}\ \Phi_{32}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
162084	1975	234	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{38}{117}$	$\Phi_{234}^{12}\ \Phi_{117}^{13}\ \Phi_{18}^{12}\ \Phi_{9}^{13}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
162085	1975	2916	$\frac{31}{972}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{941}{2916}$	$\Phi_{2916}\ \Phi_{1458}\ \Phi_{729}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
162086	1975	432	$\frac{1}{18}$	$\frac{37}{432}$	$\frac{1}{6}$	$\frac{17}{54}$	$\Phi_{432}^{5}\ \Phi_{216}^{5}\ \Phi_{144}^{5}\ \Phi_{108}^{5}\ \Phi_{72}^{5}\ \Phi_{48}^{5}\ \Phi_{36}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{16}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
162087	1975	576	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{181}{576}$	$\Phi_{576}^{5}\ \Phi_{288}^{5}\ \Phi_{144}^{5}\ \Phi_{72}^{5}\ \Phi_{36}^{5}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
162088	1975	936	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{25}{104}$	$\frac{11}{36}$	$\Phi_{936}^{4}\ \Phi_{468}^{2}\ \Phi_{234}^{2}\ \Phi_{117}^{2}\ \Phi_{104}\ \Phi_{72}^{4}\ \Phi_{52}\ \Phi_{36}^{3}\ \Phi_{18}^{3}\ \Phi_{9}^{3}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
162089	1975	252	$\frac{5}{84}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{36}$	$\Phi_{252}^{12}\ \Phi_{126}^{12}\ \Phi_{84}\ \Phi_{63}^{12}\ \Phi_{42}\ \Phi_{36}^{7}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}^{7}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}^{7}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
162090	1975	3276	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{12}{91}$	$\frac{11}{36}$	$\Phi_{3276}\ \Phi_{1638}\ \Phi_{819}\ \Phi_{252}\ \Phi_{126}\ \Phi_{91}\ \Phi_{63}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
162091	1975	567	$\frac{1}{21}$	$\frac{17}{189}$	$\frac{4}{21}$	$\frac{172}{567}$	$\Phi_{567}^{5}\ \Phi_{81}^{5}\ \Phi_{21}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
162092	1975	564	$\frac{2}{47}$	$\frac{19}{188}$	$\frac{9}{47}$	$\frac{169}{564}$	$\Phi_{564}^{5}\ \Phi_{282}^{5}\ \Phi_{141}^{5}\ \Phi_{47}^{2}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{3}$
162093	1975	1248	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{17}{96}$	$\frac{7}{24}$	$\Phi_{1248}^{2}\ \Phi_{624}^{2}\ \Phi_{416}^{2}\ \Phi_{208}^{2}\ \Phi_{104}^{2}\ \Phi_{96}\ \Phi_{52}^{2}\ \Phi_{48}\ \Phi_{32}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
162094	1975	2772	$\frac{5}{132}$	$\frac{127}{924}$	$\frac{1}{6}$	$\frac{797}{2772}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{693}\ \Phi_{396}\ \Phi_{252}\ \Phi_{198}\ \Phi_{132}\ \Phi_{126}\ \Phi_{99}\ \Phi_{66}\ \Phi_{63}\ \Phi_{44}\ \Phi_{36}\ \Phi_{33}\ \Phi_{22}\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
162095	1975	2052	$\frac{77}{2052}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{108}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{513}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{36}\ \Phi_{19}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
162096	1975	406	$\frac{11}{406}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{406}^{5}\ \Phi_{203}^{5}\ \Phi_{58}^{5}\ \Phi_{29}^{5}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
162097	1975	98	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{19}{98}$	$\frac{2}{7}$	$\Phi_{98}^{20}\ \Phi_{49}^{20}\ \Phi_{14}^{20}\ \Phi_{7}^{22}\ \Phi_{2}^{20}\ \Phi_{1}^{23}$
162098	1975	448	$\frac{3}{56}$	$\frac{53}{448}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{448}^{5}\ \Phi_{224}^{5}\ \Phi_{112}^{5}\ \Phi_{64}^{5}\ \Phi_{32}^{5}\ \Phi_{16}^{5}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
162099	1975	84	$\frac{5}{84}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{84}^{25}\ \Phi_{42}^{25}\ \Phi_{28}^{20}\ \Phi_{21}^{25}\ \Phi_{14}^{20}\ \Phi_{12}^{25}\ \Phi_{7}^{22}\ \Phi_{6}^{25}\ \Phi_{4}^{20}\ \Phi_{3}^{25}\ \Phi_{2}^{20}\ \Phi_{1}^{23}$
162100	1975	441	$\frac{3}{49}$	$\frac{46}{441}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{441}^{5}\ \Phi_{147}^{5}\ \Phi_{63}^{5}\ \Phi_{21}^{5}\ \Phi_{9}^{5}\ \Phi_{7}^{2}\ \Phi_{3}^{5}\ \Phi_{1}^{3}$
162101	1975	441	$\frac{1}{21}$	$\frac{46}{441}$	$\frac{4}{21}$	$\frac{17}{63}$	$\Phi_{441}^{5}\ \Phi_{147}^{5}\ \Phi_{49}^{5}\ \Phi_{21}^{4}\ \Phi_{7}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
162102	1975	108	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{29}{108}$	$\Phi_{108}^{25}\ \Phi_{54}^{25}\ \Phi_{36}^{5}\ \Phi_{27}^{25}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
162103	1975	1170	$\frac{1}{26}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1170}^{2}\ \Phi_{585}^{2}\ \Phi_{390}\ \Phi_{234}^{2}\ \Phi_{195}\ \Phi_{130}^{2}\ \Phi_{117}^{2}\ \Phi_{90}\ \Phi_{78}\ \Phi_{65}^{2}\ \Phi_{45}\ \Phi_{39}\ \Phi_{26}\ \Phi_{18}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
162104	1975	528	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{43}{176}$	$\frac{133}{528}$	$\Phi_{528}^{3}\ \Phi_{264}^{3}\ \Phi_{176}^{4}\ \Phi_{132}^{5}\ \Phi_{88}^{4}\ \Phi_{66}^{5}\ \Phi_{48}^{3}\ \Phi_{44}^{5}\ \Phi_{33}^{5}\ \Phi_{24}^{3}\ \Phi_{22}^{5}\ \Phi_{16}^{4}\ \Phi_{12}^{5}\ \Phi_{11}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
162105	1975	728	$\frac{1}{26}$	$\frac{3}{28}$	$\frac{25}{104}$	$\frac{1}{4}$	$\Phi_{728}^{4}\ \Phi_{364}^{2}\ \Phi_{182}^{2}\ \Phi_{104}\ \Phi_{91}^{2}\ \Phi_{56}^{4}\ \Phi_{52}\ \Phi_{28}^{3}\ \Phi_{14}^{3}\ \Phi_{8}\ \Phi_{7}^{3}\ \Phi_{4}\ \Phi_{1}$
162106	1975	1344	$\frac{3}{56}$	$\frac{53}{448}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1344}^{2}\ \Phi_{672}^{2}\ \Phi_{448}\ \Phi_{336}^{2}\ \Phi_{224}\ \Phi_{192}^{2}\ \Phi_{112}\ \Phi_{96}^{2}\ \Phi_{64}\ \Phi_{48}^{2}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
162107	1975	84	$\frac{5}{84}$	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{84}^{23}\ \Phi_{42}^{23}\ \Phi_{28}^{24}\ \Phi_{21}^{23}\ \Phi_{14}^{24}\ \Phi_{12}^{25}\ \Phi_{7}^{24}\ \Phi_{6}^{24}\ \Phi_{4}^{25}\ \Phi_{3}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
162108	1975	364	$\frac{1}{13}$	$\frac{3}{28}$	$\frac{12}{91}$	$\frac{1}{4}$	$\Phi_{364}^{5}\ \Phi_{182}^{5}\ \Phi_{91}^{6}\ \Phi_{52}^{6}\ \Phi_{28}^{6}\ \Phi_{26}^{6}\ \Phi_{14}^{6}\ \Phi_{13}^{6}\ \Phi_{7}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
162109	1975	416	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{104}$	$\Phi_{416}^{6}\ \Phi_{208}^{6}\ \Phi_{104}\ \Phi_{52}\ \Phi_{32}^{7}\ \Phi_{16}^{7}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
162110	1975	312	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{25}{104}$	$\Phi_{312}^{8}\ \Phi_{156}^{8}\ \Phi_{104}^{9}\ \Phi_{52}^{9}\ \Phi_{24}^{8}\ \Phi_{12}^{8}\ \Phi_{8}^{9}\ \Phi_{6}^{4}\ \Phi_{4}^{9}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
162111	1975	2592	$\frac{31}{648}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{617}{2592}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
162112	1975	308	$\frac{6}{77}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{71}{308}$	$\Phi_{308}^{6}\ \Phi_{154}^{6}\ \Phi_{77}^{7}\ \Phi_{44}^{6}\ \Phi_{28}^{8}\ \Phi_{22}^{6}\ \Phi_{14}^{8}\ \Phi_{11}^{7}\ \Phi_{7}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
162113	1975	432	$\frac{1}{12}$	$\frac{37}{432}$	$\frac{1}{6}$	$\frac{11}{48}$	$\Phi_{432}^{5}\ \Phi_{216}^{5}\ \Phi_{144}^{5}\ \Phi_{108}^{5}\ \Phi_{72}^{5}\ \Phi_{54}^{5}\ \Phi_{36}^{5}\ \Phi_{27}^{5}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
162114	1975	672	$\frac{5}{84}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{32}$	$\Phi_{672}^{4}\ \Phi_{336}^{4}\ \Phi_{224}^{4}\ \Phi_{112}^{4}\ \Phi_{96}^{2}\ \Phi_{84}\ \Phi_{48}^{2}\ \Phi_{42}\ \Phi_{32}^{3}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}^{3}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
162115	1975	2912	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{12}{91}$	$\frac{7}{32}$	$\Phi_{2912}\ \Phi_{1456}\ \Phi_{224}\ \Phi_{112}\ \Phi_{91}\ \Phi_{32}\ \Phi_{16}\ \Phi_{7}\ \Phi_{1}$
162116	1975	504	$\frac{1}{21}$	$\frac{17}{126}$	$\frac{4}{21}$	$\frac{109}{504}$	$\Phi_{504}^{5}\ \Phi_{252}^{5}\ \Phi_{168}^{5}\ \Phi_{84}^{5}\ \Phi_{72}^{5}\ \Phi_{56}^{5}\ \Phi_{36}^{5}\ \Phi_{28}^{5}\ \Phi_{24}^{5}\ \Phi_{21}^{4}\ \Phi_{12}^{5}\ \Phi_{8}^{5}\ \Phi_{7}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
162117	1975	504	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{1}{6}$	$\frac{109}{504}$	$\Phi_{504}^{5}\ \Phi_{252}^{5}\ \Phi_{168}^{5}\ \Phi_{84}^{5}\ \Phi_{72}^{5}\ \Phi_{56}^{5}\ \Phi_{36}^{5}\ \Phi_{28}^{5}\ \Phi_{24}^{5}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
162118	1975	1300	$\frac{1}{26}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{21}{100}$	$\Phi_{1300}^{2}\ \Phi_{650}\ \Phi_{325}\ \Phi_{260}^{2}\ \Phi_{130}^{2}\ \Phi_{100}\ \Phi_{65}^{2}\ \Phi_{52}^{2}\ \Phi_{26}\ \Phi_{25}\ \Phi_{20}\ \Phi_{13}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
162119	1975	423	$\frac{28}{423}$	$\frac{16}{141}$	$\frac{25}{141}$	$\frac{29}{141}$	$\Phi_{423}^{5}\ \Phi_{141}^{4}\ \Phi_{47}^{4}\ \Phi_{9}^{5}\ \Phi_{3}^{4}\ \Phi_{1}^{5}$
162120	1975	94	$\frac{2}{47}$	$\frac{15}{94}$	$\frac{9}{47}$	$\frac{19}{94}$	$\Phi_{94}^{20}\ \Phi_{47}^{22}\ \Phi_{2}^{20}\ \Phi_{1}^{23}$
162121	1975	264	$\frac{1}{11}$	$\frac{9}{88}$	$\frac{1}{6}$	$\frac{2}{11}$	$\Phi_{264}^{10}\ \Phi_{132}^{10}\ \Phi_{88}^{5}\ \Phi_{66}^{6}\ \Phi_{44}^{5}\ \Phi_{33}^{6}\ \Phi_{24}^{10}\ \Phi_{22}\ \Phi_{12}^{10}\ \Phi_{11}^{5}\ \Phi_{8}^{5}\ \Phi_{6}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
162122	1975	96	$\frac{1}{12}$	$\frac{11}{96}$	$\frac{1}{6}$	$\frac{17}{96}$	$\Phi_{96}^{20}\ \Phi_{48}^{20}\ \Phi_{32}^{20}\ \Phi_{24}^{20}\ \Phi_{16}^{20}\ \Phi_{12}^{25}\ \Phi_{8}^{20}\ \Phi_{6}^{24}\ \Phi_{4}^{25}\ \Phi_{3}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{25}$
162123	1975	84	$\frac{5}{84}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{84}^{25}\ \Phi_{42}^{25}\ \Phi_{28}^{25}\ \Phi_{21}^{25}\ \Phi_{14}^{25}\ \Phi_{12}^{25}\ \Phi_{7}^{25}\ \Phi_{6}^{4}\ \Phi_{4}^{25}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
162124	1975	468	$\frac{5}{78}$	$\frac{73}{468}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{468}^{5}\ \Phi_{234}^{5}\ \Phi_{156}^{5}\ \Phi_{117}^{5}\ \Phi_{52}^{5}\ \Phi_{36}^{5}\ \Phi_{18}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
162125	1975	546	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{546}^{4}\ \Phi_{273}^{4}\ \Phi_{182}^{4}\ \Phi_{91}^{5}\ \Phi_{42}^{4}\ \Phi_{21}^{4}\ \Phi_{14}^{4}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
162126	1975	462	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{67}{462}$	$\frac{1}{6}$	$\Phi_{462}^{4}\ \Phi_{231}^{4}\ \Phi_{154}^{4}\ \Phi_{77}^{5}\ \Phi_{66}^{5}\ \Phi_{42}^{4}\ \Phi_{33}^{5}\ \Phi_{22}^{5}\ \Phi_{21}^{4}\ \Phi_{14}^{4}\ \Phi_{11}^{5}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
162127	1975	432	$\frac{37}{432}$	$\frac{5}{36}$	$\frac{31}{216}$	$\frac{1}{6}$	$\Phi_{432}^{5}\ \Phi_{216}^{4}\ \Phi_{144}^{5}\ \Phi_{108}^{4}\ \Phi_{72}^{4}\ \Phi_{54}^{4}\ \Phi_{48}^{5}\ \Phi_{36}^{5}\ \Phi_{27}^{4}\ \Phi_{24}^{4}\ \Phi_{18}^{5}\ \Phi_{16}^{5}\ \Phi_{12}^{5}\ \Phi_{9}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
162128	1975	2268	$\frac{31}{324}$	$\frac{293}{2268}$	$\frac{5}{36}$	$\frac{1}{6}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
162129	1976	1479	$\frac{1}{493}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{246}{493}$	$\Phi_{1479}\ \Phi_{493}^{2}\ \Phi_{87}\ \Phi_{51}\ \Phi_{29}^{2}\ \Phi_{17}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
162130	1976	395	$\frac{1}{395}$	$\frac{99}{395}$	$\frac{148}{395}$	$\frac{197}{395}$	$\Phi_{395}^{5}\ \Phi_{79}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
162131	1976	2967	$\frac{3}{989}$	$\frac{248}{989}$	$\frac{1}{3}$	$\frac{493}{989}$	$\Phi_{2967}\ \Phi_{129}\ \Phi_{69}$
162132	1976	985	$\frac{3}{985}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{491}{985}$	$\Phi_{985}^{2}\ \Phi_{197}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
162133	1976	3444	$\frac{1}{246}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{245}{492}$	$\Phi_{3444}\ \Phi_{1148}\ \Phi_{492}^{2}\ \Phi_{164}^{2}\ \Phi_{84}\ \Phi_{28}\ \Phi_{12}^{2}\ \Phi_{7}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
162134	1976	2460	$\frac{1}{246}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{245}{492}$	$\Phi_{2460}^{2}\ \Phi_{820}^{2}\ \Phi_{60}^{2}\ \Phi_{20}^{2}\ \Phi_{15}$
162135	1976	1965	$\frac{11}{1965}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{977}{1965}$	$\Phi_{1965}\ \Phi_{655}\ \Phi_{393}\ \Phi_{131}\ \Phi_{15}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
162136	1976	330	$\frac{1}{165}$	$\frac{1}{5}$	$\frac{83}{330}$	$\frac{82}{165}$	$\Phi_{330}^{8}\ \Phi_{165}^{4}\ \Phi_{110}^{8}\ \Phi_{66}^{8}\ \Phi_{55}^{4}\ \Phi_{33}^{4}\ \Phi_{30}^{8}\ \Phi_{22}^{8}\ \Phi_{15}^{4}\ \Phi_{11}^{4}\ \Phi_{10}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
162137	1976	3624	$\frac{1}{151}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{75}{151}$	$\Phi_{3624}\ \Phi_{1208}\ \Phi_{151}\ \Phi_{24}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
162138	1976	2265	$\frac{1}{151}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{75}{151}$	$\Phi_{2265}\ \Phi_{755}\ \Phi_{151}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
162139	1976	2718	$\frac{1}{151}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{75}{151}$	$\Phi_{2718}\ \Phi_{1359}\ \Phi_{151}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
162140	1976	2416	$\frac{1}{151}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{75}{151}$	$\Phi_{2416}\ \Phi_{1208}\ \Phi_{151}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
162141	1976	490	$\frac{2}{245}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{243}{490}$	$\Phi_{490}^{8}\ \Phi_{98}^{8}\ \Phi_{70}^{8}\ \Phi_{14}^{8}\ \Phi_{10}^{8}\ \Phi_{5}^{3}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
162142	1976	3708	$\frac{1}{103}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{51}{103}$	$\Phi_{3708}\ \Phi_{1236}\ \Phi_{412}\ \Phi_{103}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
162143	1976	2163	$\frac{1}{103}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{51}{103}$	$\Phi_{2163}\ \Phi_{721}\ \Phi_{103}\ \Phi_{21}^2\ \Phi_{7}^2\ \Phi_{1}^2$
162144	1976	2781	$\frac{1}{103}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{51}{103}$	$\Phi_{2781}\ \Phi_{103}\ \Phi_{27}^2\ \Phi_{1}^2$
162145	1976	2472	$\frac{1}{103}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{51}{103}$	$\Phi_{2472}\ \Phi_{1236}\ \Phi_{824}\ \Phi_{412}\ \Phi_{103}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{4}^2\ \Phi_{1}^2$
162146	1976	1485	$\frac{1}{99}$	$\frac{50}{297}$	$\frac{1}{5}$	$\frac{49}{99}$	$\Phi_{1485}^2\ \Phi_{495}\ \Phi_{165}\ \Phi_{135}^2\ \Phi_{55}\ \Phi_{45}\ \Phi_{15}$
162147	1976	4392	$\frac{3}{244}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{241}{488}$	$\Phi_{4392}\ \Phi_{1464}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
162148	1976	474	$\frac{1}{79}$	$\frac{10}{237}$	$\frac{227}{474}$	$\frac{39}{79}$	$\Phi_{474}^8\ \Phi_{158}^8\ \Phi_{79}\ \Phi_{6}^8\ \Phi_{2}^8\ \Phi_{1}^2$
162149	1976	711	$\frac{1}{79}$	$\frac{20}{237}$	$\frac{217}{711}$	$\frac{39}{79}$	$\Phi_{711}^4\ \Phi_{79}\ \Phi_{9}^4\ \Phi_{1}^2$
162150	1976	553	$\frac{1}{79}$	$\frac{59}{553}$	$\frac{20}{79}$	$\frac{39}{79}$	$\Phi_{553}^4\ \Phi_{79}\ \Phi_{7}^4\ \Phi_{1}^2$
162151	1976	316	$\frac{1}{79}$	$\frac{10}{79}$	$\frac{69}{316}$	$\frac{39}{79}$	$\Phi_{316}^8\ \Phi_{158}^8\ \Phi_{79}\ \Phi_{4}^8\ \Phi_{2}^8\ \Phi_{1}^2$
162152	1976	1185	$\frac{1}{79}$	$\frac{197}{1185}$	$\frac{40}{237}$	$\frac{39}{79}$	$\Phi_{1185}^2\ \Phi_{395}^2\ \Phi_{79}\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{1}^2$
162153	1976	75	$\frac{1}{75}$	$\frac{1}{25}$	$\frac{12}{25}$	$\frac{37}{75}$	$\Phi_{75}^{26}\ \Phi_{25}^{27}\ \Phi_{15}^{26}\ \Phi_{5}^{27}\ \Phi_{3}^{26}\ \Phi_{1}^{28}$
162154	1976	1050	$\frac{1}{75}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{37}{75}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{2}^2$
162155	1976	75	$\frac{1}{75}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{37}{75}$	$\Phi_{75}^{26}\ \Phi_{25}^{26}\ \Phi_{15}^{28}\ \Phi_{5}^{27}\ \Phi_{3}^{28}\ \Phi_{1}^{28}$
162156	1976	1975	$\frac{27}{1975}$	$\frac{77}{1975}$	$\frac{949}{1975}$	$\frac{974}{1975}$	$\Phi_{1975}\ \Phi_{395}\ \Phi_{79}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^2$
162157	1976	2430	$\frac{4}{243}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{239}{486}$	$\Phi_{2430}^2\ \Phi_{810}^2\ \Phi_{270}^2\ \Phi_{90}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
162158	1976	275	$\frac{1}{55}$	$\frac{28}{275}$	$\frac{1}{5}$	$\frac{27}{55}$	$\Phi_{275}^8\ \Phi_{55}^4\ \Phi_{25}^8\ \Phi_{11}^4\ \Phi_{5}^3\ \Phi_{1}^4$
162159	1976	1887	$\frac{1}{51}$	$\frac{1}{37}$	$\frac{18}{37}$	$\frac{25}{51}$	$\Phi_{1887}\ \Phi_{629}\ \Phi_{111}\ \Phi_{51}^2\ \Phi_{37}^2\ \Phi_{17}^2\ \Phi_{3}^2\ \Phi_{1}^4$
162160	1976	1020	$\frac{1}{51}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{25}{51}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{204}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{60}^3\ \Phi_{34}^2\ \Phi_{30}^3\ \Phi_{20}^2\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{2}^2$
162161	1976	714	$\frac{1}{51}$	$\frac{1}{14}$	$\frac{13}{51}$	$\frac{25}{51}$	$\Phi_{714}^3\ \Phi_{357}^3\ \Phi_{238}^3\ \Phi_{119}^3\ \Phi_{102}^3\ \Phi_{42}^3\ \Phi_{34}^3\ \Phi_{21}^3\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{2}^2$
162162	1976	1975	$\frac{39}{1975}$	$\frac{53}{1975}$	$\frac{961}{1975}$	$\frac{968}{1975}$	$\Phi_{1975}\ \Phi_{395}\ \Phi_{79}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^2$
162163	1976	2420	$\frac{5}{242}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{237}{484}$	$\Phi_{2420}^2\ \Phi_{220}^2\ \Phi_{55}\ \Phi_{20}^2$
162164	1976	1935	$\frac{41}{1935}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{947}{1935}$	$\Phi_{1935}\ \Phi_{645}\ \Phi_{387}\ \Phi_{215}\ \Phi_{129}\ \Phi_{45}^2\ \Phi_{43}\ \Phi_{15}^2\ \Phi_{9}^2\ \Phi_{5}\ \Phi_{3}^2\ \Phi_{1}^2$
162165	1976	270	$\frac{1}{45}$	$\frac{23}{270}$	$\frac{1}{5}$	$\frac{22}{45}$	$\Phi_{270}^8\ \Phi_{135}^8\ \Phi_{90}^8\ \Phi_{54}^8\ \Phi_{45}^4\ \Phi_{30}^8\ \Phi_{27}^8\ \Phi_{18}^8\ \Phi_{15}^4\ \Phi_{10}^8\ \Phi_{9}^4\ \Phi_{6}^8\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{2}^8\ \Phi_{1}^4$
162166	1976	483	$\frac{11}{483}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{236}{483}$	$\Phi_{483}^4\ \Phi_{161}^4\ \Phi_{69}^5\ \Phi_{23}^4\ \Phi_{21}^4\ \Phi_{7}^4\ \Phi_{3}^4\ \Phi_{1}^4$
162167	1976	258	$\frac{1}{43}$	$\frac{11}{258}$	$\frac{1}{3}$	$\frac{21}{43}$	$\Phi_{258}^8\ \Phi_{129}^7\ \Phi_{86}^8\ \Phi_{43}^8\ \Phi_{6}^8\ \Phi_{3}^6\ \Phi_{2}^8\ \Phi_{1}^8$
162168	1976	1975	$\frac{49}{1975}$	$\frac{113}{1975}$	$\frac{506}{1975}$	$\frac{963}{1975}$	$\Phi_{1975}\ \Phi_{395}\ \Phi_{79}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^2$
162169	1976	2967	$\frac{25}{989}$	$\frac{39}{989}$	$\frac{1}{3}$	$\frac{482}{989}$	$\Phi_{2967}\ \Phi_{129}\ \Phi_{69}$
162170	1976	1925	$\frac{51}{1925}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{937}{1925}$	$\Phi_{1925}\ \Phi_{385}\ \Phi_{275}\ \Phi_{175}\ \Phi_{77}\ \Phi_{55}^2\ \Phi_{35}\ \Phi_{25}\ \Phi_{11}^2\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
162171	1976	999	$\frac{1}{37}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{999}^2\ \Phi_{333}^2\ \Phi_{111}\ \Phi_{37}^2\ \Phi_{27}^4\ \Phi_{9}^4\ \Phi_{3}^2\ \Phi_{1}^4$
162172	1976	629	$\frac{1}{37}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{18}{37}$	$\Phi_{629}^3\ \Phi_{37}^4\ \Phi_{17}^6\ \Phi_{1}^8$
162173	1976	2590	$\frac{1}{37}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{18}{37}$	$\Phi_{2590}\ \Phi_{1295}\ \Phi_{370}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{10}^2$
162174	1976	140	$\frac{1}{35}$	$\frac{1}{20}$	$\frac{9}{35}$	$\frac{17}{35}$	$\Phi_{140}^{15}\ \Phi_{70}^{15}\ \Phi_{35}^{12}\ \Phi_{28}^{15}\ \Phi_{20}^{14}\ \Phi_{14}^{15}\ \Phi_{10}^{14}\ \Phi_{7}^{12}\ \Phi_{5}^{11}\ \Phi_{4}^{14}\ \Phi_{2}^{14}\ \Phi_{1}^{12}$
162175	1976	480	$\frac{7}{240}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{233}{480}$	$\Phi_{480}^8\ \Phi_{160}^8\ \Phi_{96}^8\ \Phi_{32}^8\ \Phi_{15}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{1}^4$
162176	1976	1440	$\frac{7}{240}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{233}{480}$	$\Phi_{1440}^3\ \Phi_{480}^2\ \Phi_{288}^3\ \Phi_{160}^2\ \Phi_{96}^2\ \Phi_{72}\ \Phi_{36}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
162177	1976	1320	$\frac{1}{33}$	$\frac{17}{264}$	$\frac{1}{5}$	$\frac{16}{33}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{440}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}\ \Phi_{120}^2\ \Phi_{110}^2\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2$
162178	1976	1975	$\frac{73}{1975}$	$\frac{77}{1975}$	$\frac{512}{1975}$	$\frac{951}{1975}$	$\Phi_{1975}\ \Phi_{395}\ \Phi_{79}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^2$
162179	1976	2967	$\frac{27}{989}$	$\frac{37}{989}$	$\frac{1}{3}$	$\frac{476}{989}$	$\Phi_{2967}\ \Phi_{129}\ \Phi_{69}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
162180	1976	2079	$\frac{1}{27}$	$\frac{3}{77}$	$\frac{20}{77}$	$\frac{37}{77}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{297}\ \Phi_{231}\ \Phi_{189}\ \Phi_{99}\ \Phi_{63}\ \Phi_{33}\ \Phi_{21}$
162181	1976	975	$\frac{1}{39}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{12}{25}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{195}^2\ \Phi_{75}\ \Phi_{65}^2\ \Phi_{39}^4\ \Phi_{25}^2\ \Phi_{15}\ \Phi_{13}^4\ \Phi_5^2\ \Phi_3^2\ \Phi_1^4$
162182	1976	25	$\frac{1}{25}$	$\frac{1}{25}$	$\frac{6}{25}$	$\frac{12}{25}$	$\Phi_{25}^{79}\ \Phi_5^{79}\ \Phi_1^{80}$
162183	1976	100	$\frac{1}{25}$	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{12}{25}$	$\Phi_{100}^{20}\ \Phi_{50}^{20}\ \Phi_{25}^{16}\ \Phi_{20}^{24}\ \Phi_{10}^{24}\ \Phi_5^{19}\ \Phi_4^{24}\ \Phi_2^{24}\ \Phi_1^{20}$
162184	1976	525	$\frac{1}{25}$	$\frac{31}{525}$	$\frac{13}{75}$	$\frac{12}{25}$	$\Phi_{525}^4\ \Phi_{175}^4\ \Phi_{105}^4\ \Phi_{75}^2\ \Phi_{35}^4\ \Phi_{25}^3\ \Phi_{21}^4\ \Phi_{15}^2\ \Phi_7^4\ \Phi_5^3\ \Phi_3^2\ \Phi_1^4$
162185	1976	225	$\frac{1}{25}$	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{12}{25}$	$\Phi_{225}^{10}\ \Phi_{75}^5\ \Phi_{45}^{12}\ \Phi_{25}^6\ \Phi_{15}^6\ \Phi_9^{12}\ \Phi_5^7\ \Phi_3^6\ \Phi_1^8$
162186	1976	474	$\frac{3}{79}$	$\frac{10}{237}$	$\frac{19}{79}$	$\frac{227}{474}$	$\Phi_{474}^8\ \Phi_{158}^8\ \Phi_{79}\ \Phi_6^8\ \Phi_2^8\ \Phi_1^2$
162187	1976	474	$\frac{10}{237}$	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{227}{474}$	$\Phi_{474}^8\ \Phi_{158}^8\ \Phi_{79}\ \Phi_6^8\ \Phi_2^8\ \Phi_1^2$
162188	1976	759	$\frac{6}{253}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{11}{23}$	$\Phi_{759}^4\ \Phi_{69}^3\ \Phi_{33}^4\ \Phi_3^2$
162189	1976	1419	$\frac{1}{43}$	$\frac{21}{473}$	$\frac{1}{3}$	$\frac{226}{473}$	$\Phi_{1419}^2\ \Phi_{129}^3\ \Phi_{33}^2\ \Phi_3^2$
162190	1976	945	$\frac{2}{45}$	$\frac{43}{945}$	$\frac{1}{5}$	$\frac{451}{945}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^4\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{15}^4\ \Phi_9^4\ \Phi_7^2\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
162191	1976	2142	$\frac{7}{153}$	$\frac{1}{14}$	$\frac{20}{153}$	$\frac{73}{153}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{714}\ \Phi_{357}\ \Phi_{306}\ \Phi_{238}\ \Phi_{126}\ \Phi_{119}\ \Phi_{102}\ \Phi_{63}\ \Phi_{42}\ \Phi_{34}\ \Phi_{21}\ \Phi_{18}\ \Phi_6$
162192	1976	1260	$\frac{1}{21}$	$\frac{1}{20}$	$\frac{11}{63}$	$\frac{10}{21}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{45}^2\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{18}^2\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
162193	1976	1975	$\frac{97}{1975}$	$\frac{132}{1975}$	$\frac{259}{1975}$	$\frac{939}{1975}$	$\Phi_{1975}\ \Phi_{395}\ \Phi_{79}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
162194	1976	495	$\frac{4}{99}$	$\frac{5}{99}$	$\frac{1}{5}$	$\frac{47}{99}$	$\Phi_{495}^5\ \Phi_{165}^5\ \Phi_{55}^5\ \Phi_{45}^5\ \Phi_{15}^5\ \Phi_5^4$
162195	1976	1975	$\frac{56}{1975}$	$\frac{101}{1975}$	$\frac{519}{1975}$	$\frac{937}{1975}$	$\Phi_{1975}\ \Phi_{395}\ \Phi_{79}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$
162196	1976	2967	$\frac{20}{989}$	$\frac{51}{989}$	$\frac{1}{3}$	$\frac{469}{989}$	$\Phi_{2967}\ \Phi_{129}\ \Phi_{69}$
162197	1976	1875	$\frac{1}{25}$	$\frac{101}{1875}$	$\frac{24}{125}$	$\frac{887}{1875}$	$\Phi_{1875}\ \Phi_{625}\ \Phi_{375}\ \Phi_{125}^2\ \Phi_{75}\ \Phi_{25}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
162198	1976	1908	$\frac{1}{53}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{1908}^2\ \Phi_{636}^2\ \Phi_{212}^2\ \Phi_{159}$
162199	1976	3708	$\frac{3}{103}$	$\frac{1}{18}$	$\frac{25}{103}$	$\frac{17}{36}$	$\Phi_{3708}\ \Phi_{1236}\ \Phi_{412}\ \Phi_{103}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
162200	1976	540	$\frac{1}{27}$	$\frac{1}{18}$	$\frac{1}{5}$	$\frac{17}{36}$	$\Phi_{540}^9\ \Phi_{180}^8\ \Phi_{135}\ \Phi_{60}^8\ \Phi_{45}\ \Phi_{20}^8\ \Phi_{15}$
162201	1976	3708	$\frac{1}{18}$	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{17}{36}$	$\Phi_{3708}\ \Phi_{1236}\ \Phi_{412}\ \Phi_{103}\ \Phi_{36}^2\ \Phi_{12}^2\ \Phi_4^2\ \Phi_1^2$
162202	1976	252	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{17}{36}$	$\Phi_{252}^{16}\ \Phi_{126}\ \Phi_{84}^{16}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}^8\ \Phi_{28}^{16}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}^8\ \Phi_6\ \Phi_4^8$
162203	1976	2067	$\frac{1}{39}$	$\frac{3}{53}$	$\frac{14}{53}$	$\frac{25}{53}$	$\Phi_{2067}\ \Phi_{689}\ \Phi_{159}$
162204	1976	935	$\frac{2}{55}$	$\frac{53}{935}$	$\frac{1}{5}$	$\frac{441}{935}$	$\Phi_{935}^2\ \Phi_{187}^2\ \Phi_{85}^2\ \Phi_{55}^4\ \Phi_{17}^2\ \Phi_{11}^4\ \Phi_5^3\ \Phi_1^4$
162205	1976	395	$\frac{11}{395}$	$\frac{23}{395}$	$\frac{96}{395}$	$\frac{186}{395}$	$\Phi_{395}^5\ \Phi_{79}^5\ \Phi_5^5\ \Phi_1^6$
162206	1976	1190	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{9}{85}$	$\frac{8}{17}$	$\Phi_{1190}^2\ \Phi_{595}^2\ \Phi_{238}\ \Phi_{170}^2\ \Phi_{119}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{34}\ \Phi_{10}^2$
162207	1976	300	$\frac{1}{25}$	$\frac{3}{50}$	$\frac{53}{300}$	$\frac{47}{100}$	$\Phi_{300}^8\ \Phi_{150}^8\ \Phi_{75}^8\ \Phi_{60}^8\ \Phi_{50}^8\ \Phi_{30}^8\ \Phi_{25}^7\ \Phi_{15}^8\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^7\ \Phi_3^8\ \Phi_2^8\ \Phi_1^8$
162208	1976	980	$\frac{1}{20}$	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{23}{49}$	$\Phi_{980}^2\ \Phi_{490}^2\ \Phi_{245}^2\ \Phi_{196}^2\ \Phi_{140}^3\ \Phi_{98}^2\ \Phi_{70}^3\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
162209	1976	79	$\frac{3}{79}$	$\frac{5}{79}$	$\frac{14}{79}$	$\frac{37}{79}$	$\Phi_{79}^{25}\ \Phi_1^{26}$
162210	1976	255	$\frac{8}{255}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{255}^8\ \Phi_{85}^8\ \Phi_{51}^8\ \Phi_{17}^8\ \Phi_{15}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
162211	1976	60	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{7}{15}$	$\Phi_{60}^{35}\ \Phi_{30}^{35}\ \Phi_{20}^{34}\ \Phi_{15}^{28}\ \Phi_{12}^{35}\ \Phi_{10}^{34}\ \Phi_6^{35}\ \Phi_5^{27}\ \Phi_4^{34}\ \Phi_3^{28}\ \Phi_2^{34}\ \Phi_1^{28}$
162212	1976	2310	$\frac{1}{33}$	$\frac{16}{231}$	$\frac{1}{5}$	$\frac{215}{462}$	$\Phi_{2310}^2\ \Phi_{770}^2\ \Phi_{330}^2\ \Phi_{210}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{70}^2\ \Phi_{55}\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2$
162213	1976	395	$\frac{18}{395}$	$\frac{29}{395}$	$\frac{53}{395}$	$\frac{183}{395}$	$\Phi_{395}^5\ \Phi_{79}^5\ \Phi_5^5\ \Phi_1^6$
162214	1976	495	$\frac{14}{495}$	$\frac{37}{495}$	$\frac{1}{5}$	$\frac{229}{495}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{45}^4\ \Phi_{33}^4\ \Phi_{15}^4\ \Phi_{11}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
162215	1976	1975	$\frac{38}{1975}$	$\frac{149}{1975}$	$\frac{531}{1975}$	$\frac{913}{1975}$	$\Phi_{1975}\ \Phi_{395}\ \Phi_{79}\ \Phi_{25}\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
162216	1976	2967	$\frac{14}{989}$	$\frac{75}{989}$	$\frac{1}{3}$	$\frac{457}{989}$	$\Phi_{2967}\ \Phi_{129}\ \Phi_{69}$
162217	1976	1378	$\frac{1}{53}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{1378}^2\ \Phi_{689}\ \Phi_{106}^2$
162218	1976	1848	$\frac{1}{77}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{1848}^2\ \Phi_{616}^2\ \Phi_{264}^2\ \Phi_{231}\ \Phi_{168}^2\ \Phi_{88}^2\ \Phi_{56}^2\ \Phi_{33}\ \Phi_{21}$
162219	1976	3624	$\frac{3}{151}$	$\frac{1}{12}$	$\frac{37}{151}$	$\frac{11}{24}$	$\Phi_{3624}\ \Phi_{1208}\ \Phi_{151}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
162220	1976	1560	$\frac{1}{39}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{24}$	$\Phi_{1560}^3\ \Phi_{520}^3\ \Phi_{195}\ \Phi_{120}^2\ \Phi_{65}\ \Phi_{40}^2\ \Phi_{15}$
162221	1976	3624	$\frac{7}{151}$	$\frac{1}{12}$	$\frac{18}{151}$	$\frac{11}{24}$	$\Phi_{3624}\ \Phi_{1208}\ \Phi_{151}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
162222	1976	360	$\frac{1}{20}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{11}{24}$	$\Phi_{360}^{12}\ \Phi_{180}\ \Phi_{120}^8\ \Phi_{90}\ \Phi_{72}^9\ \Phi_{60}\ \Phi_{45}\ \Phi_{40}^8\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}^6\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
162223	1976	945	$\frac{1}{27}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{16}{35}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^3\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{63}^3\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_9^2\ \Phi_3^2$
162224	1976	1815	$\frac{4}{165}$	$\frac{161}{1815}$	$\frac{1}{5}$	$\frac{827}{1815}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{363}\ \Phi_{165}^2\ \Phi_{121}\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
162225	1976	1265	$\frac{6}{253}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{1265}^2\ \Phi_{115}^2\ \Phi_{55}$
162226	1976	594	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{3}{22}$	$\frac{5}{11}$	$\Phi_{594}^4\ \Phi_{297}^3\ \Phi_{198}^4\ \Phi_{99}^3\ \Phi_{66}^4\ \Phi_{54}^4\ \Phi_{33}^3\ \Phi_{27}^2\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3^2$
162227	1976	450	$\frac{1}{45}$	$\frac{22}{225}$	$\frac{1}{5}$	$\frac{203}{450}$	$\Phi_{450}^8\ \Phi_{150}^8\ \Phi_{90}^8\ \Phi_{50}^8\ \Phi_{45}^4\ \Phi_{30}^8\ \Phi_{18}^8\ \Phi_{15}^4\ \Phi_{10}^8\ \Phi_9^4\ \Phi_6^8\ \Phi_5^3\ \Phi_3^4\ \Phi_2^8\ \Phi_1^4$
162228	1976	450	$\frac{1}{25}$	$\frac{22}{225}$	$\frac{3}{25}$	$\frac{203}{450}$	$\Phi_{450}^8\ \Phi_{150}^8\ \Phi_{90}^8\ \Phi_{50}^8\ \Phi_{30}^8\ \Phi_{25}^7\ \Phi_{18}^8\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^7\ \Phi_2^8\ \Phi_1^8$
162229	1976	1386	$\frac{1}{77}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{1386}^2\ \Phi_{693}\ \Phi_{462}^2\ \Phi_{231}\ \Phi_{198}^2\ \Phi_{154}^2\ \Phi_{126}^2\ \Phi_{99}\ \Phi_{66}^2\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{33}\ \Phi_{22}^2\ \Phi_{21}\ \Phi_{14}^2$
162230	1976	1260	$\frac{5}{252}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2$
162231	1976	1134	$\frac{5}{81}$	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1134}^2\ \Phi_{567}^2\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{162}^2\ \Phi_{126}\ \Phi_{63}\ \Phi_{54}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_6$
162232	1976	238	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{2}{17}$	$\frac{15}{34}$	$\Phi_{238}^9\ \Phi_{119}^9\ \Phi_{34}\ \Phi_{17}^8\ \Phi_{14}^8\ \Phi_7^8\ \Phi_1^8$
162233	1976	440	$\frac{1}{55}$	$\frac{27}{220}$	$\frac{1}{5}$	$\frac{193}{440}$	$\Phi_{440}^8\ \Phi_{88}^8\ \Phi_{55}^4\ \Phi_{40}^8\ \Phi_{11}^4\ \Phi_8^8\ \Phi_5^3\ \Phi_1^4$
162234	1976	2304	$\frac{9}{256}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{576}\ \Phi_{384}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
162235	1976	875	$\frac{1}{25}$	$\frac{12}{125}$	$\frac{113}{875}$	$\frac{381}{875}$	$\Phi_{875}^2\ \Phi_{175}^2\ \Phi_{125}^4\ \Phi_{35}^2\ \Phi_{25}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^4$
162236	1976	3906	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{30}{217}$	$\frac{187}{434}$	$\Phi_{3906}\ \Phi_{1302}\ \Phi_{558}\ \Phi_{279}\ \Phi_{186}\ \Phi_{126}\ \Phi_{93}\ \Phi_{42}\ \Phi_{18}\ \Phi_6$
162237	1976	1743	$\frac{2}{249}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{1743}\ \Phi_{581}\ \Phi_{249}^2\ \Phi_{83}^2\ \Phi_7\ \Phi_1^2$
162238	1976	2583	$\frac{1}{123}$	$\frac{1}{7}$	$\frac{122}{369}$	$\frac{3}{7}$	$\Phi_{2583}\ \Phi_{369}^2\ \Phi_{63}\ \Phi_9^2\ \Phi_7\ \Phi_1^2$
162239	1976	2296	$\frac{1}{82}$	$\frac{1}{7}$	$\frac{81}{328}$	$\frac{3}{7}$	$\Phi_{2296}\ \Phi_{1148}\ \Phi_{328}^2\ \Phi_{164}^2\ \Phi_{56}\ \Phi_{28}\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_1^2$
162240	1976	252	$\frac{5}{252}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{252}^8\ \Phi_{126}^8\ \Phi_{84}^8\ \Phi_{63}^8\ \Phi_{42}^7\ \Phi_{36}^8\ \Phi_{28}^8\ \Phi_{21}^7\ \Phi_{18}^8\ \Phi_{14}^7\ \Phi_{12}^8\ \Phi_9^8\ \Phi_7^8\ \Phi_6^6\ \Phi_4^8\ \Phi_3^6\ \Phi_2^6\ \Phi_1^8$
162241	1976	287	$\frac{1}{41}$	$\frac{40}{287}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{287}^7\ \Phi_{41}^6\ \Phi_7^8\ \Phi_1^8$
162242	1976	189	$\frac{1}{27}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{189}^{11}\ \Phi_{63}^{11}\ \Phi_{27}^{10}\ \Phi_{21}^7\ \Phi_9^{10}\ \Phi_7^8\ \Phi_3^6\ \Phi_1^8$
162243	1976	287	$\frac{2}{41}$	$\frac{3}{41}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{287}^6\ \Phi_{41}^{12}\ \Phi_7^7\ \Phi_1^{14}$
162244	1976	140	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{140}^{15}\ \Phi_{70}^{15}\ \Phi_{35}^{15}\ \Phi_{28}^{15}\ \Phi_{20}^{14}\ \Phi_{14}^7\ \Phi_{10}^{14}\ \Phi_7^8\ \Phi_5^{14}\ \Phi_4^{14}\ \Phi_2^6\ \Phi_1^8$
162245	1976	297	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{14}{33}$	$\Phi_{297}^7\ \Phi_{99}^7\ \Phi_{33}^5\ \Phi_{27}^6\ \Phi_{11}^4\ \Phi_9^6\ \Phi_3^4\ \Phi_1^4$
162246	1976	180	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{7}{45}$	$\frac{19}{45}$	$\Phi_{180}^{10}\ \Phi_{90}^{10}\ \Phi_{60}^{15}\ \Phi_{45}^8\ \Phi_{36}^{10}\ \Phi_{30}^{15}\ \Phi_{20}^{14}\ \Phi_{18}^{10}\ \Phi_{15}^{12}\ \Phi_{12}^{15}\ \Phi_{10}^{14}\ \Phi_9^8\ \Phi_6^{15}\ \Phi_5^{11}\ \Phi_4^{14}\ \Phi_3^{12}\ \Phi_2^{14}\ \Phi_1^{12}$
162247	1976	3360	$\frac{1}{105}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{420}\ \Phi_{224}\ \Phi_{210}\ \Phi_{160}\ \Phi_{140}\ \Phi_{96}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
162248	1976	825	$\frac{2}{165}$	$\frac{163}{825}$	$\frac{1}{5}$	$\frac{331}{825}$	$\Phi_{825}^2\ \Phi_{275}^2\ \Phi_{165}^4\ \Phi_{75}^2\ \Phi_{55}^4\ \Phi_{33}^4\ \Phi_{25}^2\ \Phi_{15}^4\ \Phi_{11}^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
162249	1976	250	$\frac{3}{250}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{250}^8\ \Phi_{125}^8\ \Phi_{50}^8\ \Phi_{25}^8\ \Phi_{10}^8\ \Phi_5^3\ \Phi_2^8\ \Phi_1^4$
162250	1976	220	$\frac{1}{20}$	$\frac{3}{55}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{220}^{10}\ \Phi_{110}^{10}\ \Phi_{55}^8\ \Phi_{44}^{10}\ \Phi_{22}^{10}\ \Phi_{20}^4\ \Phi_{11}^8\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
162251	1976	1975	$\frac{64}{1975}$	$\frac{147}{1975}$	$\frac{457}{1975}$	$\frac{759}{1975}$	$\Phi_{1975}\ \Phi_{395}\ \Phi_{79}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
162252	1976	400	$\frac{1}{25}$	$\frac{3}{50}$	$\frac{47}{200}$	$\frac{153}{400}$	$\Phi_{400}^{8}\ \Phi_{80}^{8}\ \Phi_{50}^{8}\ \Phi_{25}^{7}\ \Phi_{16}^{8}\ \Phi_{10}^{8}\ \Phi_{5}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
162253	1976	1975	$\frac{94}{1975}$	$\frac{99}{1975}$	$\frac{469}{1975}$	$\frac{753}{1975}$	$\Phi_{1975}\ \Phi_{395}\ \Phi_{79}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}^{2}$
162254	1976	420	$\frac{1}{21}$	$\frac{1}{20}$	$\frac{5}{21}$	$\frac{8}{21}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{140}^{5}\ \Phi_{105}^{5}\ \Phi_{84}^{5}\ \Phi_{70}^{5}\ \Phi_{60}^{5}\ \Phi_{42}^{5}\ \Phi_{35}^{5}\ \Phi_{30}^{5}\ \Phi_{28}^{5}\ \Phi_{20}^{4}\ \Phi_{15}^{5}\ \Phi_{14}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
162255	1976	2142	$\frac{5}{153}$	$\frac{1}{14}$	$\frac{37}{153}$	$\frac{58}{153}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{714}\ \Phi_{357}\ \Phi_{306}\ \Phi_{238}\ \Phi_{126}\ \Phi_{119}\ \Phi_{102}\ \Phi_{63}\ \Phi_{42}\ \Phi_{34}\ \Phi_{21}\ \Phi_{18}\ \Phi_{6}$
162256	1976	1980	$\frac{1}{99}$	$\frac{1}{5}$	$\frac{49}{198}$	$\frac{149}{396}$	$\Phi_{1980}^{2}\ \Phi_{660}^{2}\ \Phi_{495}\ \Phi_{220}^{2}\ \Phi_{180}^{2}\ \Phi_{165}\ \Phi_{60}^{2}\ \Phi_{55}\ \Phi_{45}\ \Phi_{20}^{2}\ \Phi_{15}$
162257	1976	840	$\frac{1}{105}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{840}^{2}\ \Phi_{420}^{3}\ \Phi_{280}^{2}\ \Phi_{210}^{3}\ \Phi_{168}^{2}\ \Phi_{140}^{3}\ \Phi_{120}^{2}\ \Phi_{105}^{2}\ \Phi_{84}^{3}\ \Phi_{70}^{3}\ \Phi_{60}^{3}\ \Phi_{56}^{2}\ \Phi_{42}^{3}\ \Phi_{40}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{28}^{3}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{20}^{3}\ \Phi_{15}^{2}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{8}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
162258	1976	210	$\frac{1}{105}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{210}^{15}\ \Phi_{105}^{4}\ \Phi_{70}^{15}\ \Phi_{42}^{15}\ \Phi_{35}^{4}\ \Phi_{30}^{14}\ \Phi_{21}^{4}\ \Phi_{15}^{4}\ \Phi_{14}^{15}\ \Phi_{10}^{14}\ \Phi_{7}^{4}\ \Phi_{6}^{14}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{14}\ \Phi_{1}^{4}$
162259	1976	250	$\frac{3}{250}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{250}^{8}\ \Phi_{125}^{8}\ \Phi_{50}^{8}\ \Phi_{25}^{7}\ \Phi_{10}^{8}\ \Phi_{5}^{7}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
162260	1976	79	$\frac{3}{79}$	$\frac{4}{79}$	$\frac{25}{79}$	$\frac{27}{79}$	$\Phi_{79}^{25}\ \Phi_{1}^{26}$
162261	1976	375	$\frac{1}{25}$	$\frac{6}{125}$	$\frac{119}{375}$	$\frac{128}{375}$	$\Phi_{375}^{4}\ \Phi_{125}^{8}\ \Phi_{75}^{4}\ \Phi_{25}^{7}\ \Phi_{15}^{4}\ \Phi_{5}^{7}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
162262	1976	1116	$\frac{1}{62}$	$\frac{1}{9}$	$\frac{61}{186}$	$\frac{125}{372}$	$\Phi_{1116}^{3}\ \Phi_{558}\ \Phi_{372}^{2}\ \Phi_{279}\ \Phi_{186}\ \Phi_{124}^{2}\ \Phi_{93}\ \Phi_{36}^{3}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}^{2}$
162263	1976	1485	$\frac{4}{495}$	$\frac{1}{5}$	$\frac{491}{1485}$	$\frac{497}{1485}$	$\Phi_{1485}\ \Phi_{495}^{2}\ \Phi_{297}\ \Phi_{165}^{2}\ \Phi_{135}\ \Phi_{99}^{2}\ \Phi_{55}^{2}\ \Phi_{45}^{2}\ \Phi_{33}^{2}\ \Phi_{27}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
162264	1976	744	$\frac{1}{248}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{744}^{3}\ \Phi_{372}^{3}\ \Phi_{248}^{2}\ \Phi_{186}^{3}\ \Phi_{124}^{2}\ \Phi_{93}^{3}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
162265	1976	1245	$\frac{2}{249}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1245}^{2}\ \Phi_{415}^{2}\ \Phi_{15}$
162266	1976	1155	$\frac{1}{77}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1155}^{2}\ \Phi_{385}^{2}\ \Phi_{231}\ \Phi_{165}^{2}\ \Phi_{105}^{2}\ \Phi_{55}^{2}\ \Phi_{35}^{2}\ \Phi_{33}\ \Phi_{21}$
162267	1976	1113	$\frac{1}{53}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1113}^{2}\ \Phi_{371}^{2}\ \Phi_{159}$
162268	1976	1479	$\frac{12}{493}$	$\frac{37}{493}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1479}\ \Phi_{493}^{2}\ \Phi_{87}\ \Phi_{51}\ \Phi_{29}^{2}\ \Phi_{17}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
162269	1976	546	$\frac{1}{39}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{546}^{4}\ \Phi_{273}^{4}\ \Phi_{182}^{4}\ \Phi_{91}^{4}\ \Phi_{78}^{4}\ \Phi_{42}^{3}\ \Phi_{26}^{4}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
162270	1976	255	$\frac{8}{255}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{255}^{8}\ \Phi_{85}^{8}\ \Phi_{51}^{7}\ \Phi_{17}^{6}\ \Phi_{15}^{8}\ \Phi_{5}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
162271	1976	261	$\frac{1}{29}$	$\frac{14}{261}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{261}^{8}\ \Phi_{87}^{7}\ \Phi_{29}^{6}\ \Phi_{9}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
162272	1976	1479	$\frac{18}{493}$	$\frac{25}{493}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1479}\ \Phi_{493}^{2}\ \Phi_{87}\ \Phi_{51}\ \Phi_{29}^{2}\ \Phi_{17}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
162273	1976	540	$\frac{1}{27}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{540}^{4}\ \Phi_{270}^{4}\ \Phi_{180}^{4}\ \Phi_{135}^{4}\ \Phi_{108}^{4}\ \Phi_{90}^{4}\ \Phi_{60}^{3}\ \Phi_{54}^{4}\ \Phi_{45}^{4}\ \Phi_{36}^{4}\ \Phi_{30}^{3}\ \Phi_{20}^{2}\ \Phi_{18}^{4}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
162274	1976	1845	$\frac{1}{123}$	$\frac{1}{5}$	$\frac{122}{369}$	$\frac{1}{3}$	$\Phi_{1845}^{2}\ \Phi_{45}^{2}\ \Phi_{15}$
162275	1976	3150	$\frac{2}{75}$	$\frac{1}{14}$	$\frac{73}{225}$	$\frac{1}{3}$	$\Phi_{3150}\ \Phi_{1575}\ \Phi_{630}\ \Phi_{450}\ \Phi_{315}\ \Phi_{126}\ \Phi_{90}\ \Phi_{63}\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_{6}$
162276	1976	3060	$\frac{2}{51}$	$\frac{1}{20}$	$\frac{49}{153}$	$\frac{1}{3}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{765}\ \Phi_{612}\ \Phi_{306}\ \Phi_{180}\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
162277	1976	1035	$\frac{1}{23}$	$\frac{47}{1035}$	$\frac{22}{69}$	$\frac{1}{3}$	$\Phi_{1035}^{2}\ \Phi_{345}^{2}\ \Phi_{207}^{2}\ \Phi_{115}^{2}\ \Phi_{69}\ \Phi_{45}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{2}\ \Phi_{5}^{2}$
162278	1976	1449	$\frac{1}{23}$	$\frac{22}{483}$	$\frac{461}{1449}$	$\frac{1}{3}$	$\Phi_{1449}^{2}\ \Phi_{207}^{2}\ \Phi_{69}\ \Phi_{63}^{2}\ \Phi_{9}^{2}$
162279	1976	1419	$\frac{1}{43}$	$\frac{42}{473}$	$\frac{431}{1419}$	$\frac{1}{3}$	$\Phi_{1419}\ \Phi_{473}^{2}\ \Phi_{129}^{2}\ \Phi_{43}^{2}\ \Phi_{33}\ \Phi_{11}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
162280	1976	1431	$\frac{1}{53}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{1}{3}$	$\Phi_{1431}^{2}\ \Phi_{159}$
162281	1976	1386	$\frac{1}{77}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{1386}^{2}\ \Phi_{693}^{2}\ \Phi_{231}\ \Phi_{198}^{2}\ \Phi_{126}^{2}\ \Phi_{99}^{2}\ \Phi_{63}^{2}\ \Phi_{33}\ \Phi_{21}$
162282	1976	3696	$\frac{1}{77}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3696}\ \Phi_{1848}\ \Phi_{528}\ \Phi_{336}\ \Phi_{264}\ \Phi_{231}\ \Phi_{168}\ \Phi_{33}\ \Phi_{21}$
162283	1976	4920	$\frac{1}{82}$	$\frac{1}{5}$	$\frac{81}{328}$	$\frac{1}{3}$	$\Phi_{4920}\ \Phi_{2460}\ \Phi_{120}\ \Phi_{60}\ \Phi_{15}$
162284	1976	2265	$\frac{3}{151}$	$\frac{2}{15}$	$\frac{37}{151}$	$\frac{1}{3}$	$\Phi_{2265}\ \Phi_{755}\ \Phi_{151}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
162285	1976	2163	$\frac{3}{103}$	$\frac{2}{21}$	$\frac{25}{103}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{721}\ \Phi_{103}\ \Phi_{21}^2\ \Phi_{7}^2\ \Phi_{1}^2$
162286	1976	1050	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{6}{25}$	$\frac{1}{3}$	$\Phi_{1050}^3\ \Phi_{525}^3\ \Phi_{210}^3\ \Phi_{150}^3\ \Phi_{105}^3\ \Phi_{42}^4\ \Phi_{30}^3\ \Phi_{21}^4\ \Phi_{6}^4$
162287	1976	2967	$\frac{49}{989}$	$\frac{58}{989}$	$\frac{235}{989}$	$\frac{1}{3}$	$\Phi_{2967}\ \Phi_{129}\ \Phi_{69}$
162288	1976	1020	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{4}{17}$	$\frac{1}{3}$	$\Phi_{1020}^3\ \Phi_{510}^3\ \Phi_{255}^3\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{60}^4\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{6}^4$
162289	1976	966	$\frac{1}{23}$	$\frac{11}{161}$	$\frac{75}{322}$	$\frac{1}{3}$	$\Phi_{966}^4\ \Phi_{483}^2\ \Phi_{138}^4\ \Phi_{69}^3\ \Phi_{42}^4\ \Phi_{21}^2\ \Phi_{6}^4\ \Phi_{3}^2$
162290	1976	258	$\frac{11}{258}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{1}{3}$	$\Phi_{258}^8\ \Phi_{129}^7\ \Phi_{86}^8\ \Phi_{43}^8\ \Phi_{6}^8\ \Phi_{3}^6\ \Phi_{2}^8\ \Phi_{1}^8$
162291	1976	2967	$\frac{40}{989}$	$\frac{73}{989}$	$\frac{229}{989}$	$\frac{1}{3}$	$\Phi_{2967}\ \Phi_{129}\ \Phi_{69}$
162292	1976	2385	$\frac{1}{53}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2385}\ \Phi_{795}\ \Phi_{265}\ \Phi_{159}$
162293	1976	1272	$\frac{1}{53}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{1272}^2\ \Phi_{636}^2\ \Phi_{424}^2\ \Phi_{212}^2\ \Phi_{159}$
162294	1976	615	$\frac{2}{123}$	$\frac{121}{615}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{615}^3\ \Phi_{205}^3\ \Phi_{123}^4\ \Phi_{41}^4\ \Phi_{15}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{1}^4$
162295	1976	1260	$\frac{5}{252}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{20}^2\ \Phi_{15}$
162296	1976	4305	$\frac{1}{41}$	$\frac{40}{287}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{4305}\ \Phi_{105}\ \Phi_{15}$
162297	1976	195	$\frac{1}{39}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{195}^{10}\ \Phi_{65}^{10}\ \Phi_{39}^{12}\ \Phi_{15}^{7}\ \Phi_{13}^{12}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
162298	1976	945	$\frac{1}{27}$	$\frac{2}{21}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{945}^3\ \Phi_{315}^3\ \Phi_{135}\ \Phi_{105}^2\ \Phi_{45}\ \Phi_{35}^2\ \Phi_{15}$
162299	1976	615	$\frac{2}{41}$	$\frac{3}{41}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{615}^6\ \Phi_{15}^7$
162300	1976	420	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{420}^8\ \Phi_{210}^7\ \Phi_{105}^7\ \Phi_{84}^8\ \Phi_{60}^4\ \Phi_{42}^8\ \Phi_{30}^3\ \Phi_{21}^8\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{6}^4\ \Phi_{3}^4$
162301	1976	276	$\frac{1}{23}$	$\frac{29}{276}$	$\frac{11}{69}$	$\frac{1}{3}$	$\Phi_{276}^8\ \Phi_{138}^8\ \Phi_{92}^8\ \Phi_{69}^5\ \Phi_{46}^8\ \Phi_{23}^4\ \Phi_{12}^8\ \Phi_{6}^8\ \Phi_{4}^8\ \Phi_{3}^4\ \Phi_{2}^8\ \Phi_{1}^4$
162302	1976	630	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{7}{45}$	$\frac{1}{3}$	$\Phi_{630}^4\ \Phi_{315}^4\ \Phi_{210}^2\ \Phi_{126}^4\ \Phi_{105}^2\ \Phi_{90}^4\ \Phi_{70}^2\ \Phi_{63}^4\ \Phi_{42}^3\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{7}^2\ \Phi_{6}^3\ \Phi_{2}^2$
162303	1976	3381	$\frac{1}{23}$	$\frac{139}{1127}$	$\frac{22}{161}$	$\frac{1}{3}$	$\Phi_{3381}\ \Phi_{147}\ \Phi_{69}$
162304	1976	2265	$\frac{7}{151}$	$\frac{18}{151}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2265}\ \Phi_{755}\ \Phi_{151}\ \Phi_{15}^2\ \Phi_{5}^2\ \Phi_{1}^2$
162305	1976	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{180}^{13}\ \Phi_{90}^{13}\ \Phi_{60}^{9}\ \Phi_{45}^{10}\ \Phi_{36}^{13}\ \Phi_{30}^{9}\ \Phi_{20}^{8}\ \Phi_{18}^{13}\ \Phi_{15}^{7}\ \Phi_{12}^{9}\ \Phi_{10}^{8}\ \Phi_{9}^{12}\ \Phi_{6}^{9}\ \Phi_{5}^{6}\ \Phi_{4}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
162306	1976	2310	$\frac{1}{14}$	$\frac{13}{165}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{385}\ \Phi_{330}\ \Phi_{231}\ \Phi_{154}\ \Phi_{110}\ \Phi_{77}\ \Phi_{66}\ \Phi_{42}\ \Phi_{22}\ \Phi_{21}\ \Phi_{6}$
162307	1976	2163	$\frac{7}{103}$	$\frac{2}{21}$	$\frac{12}{103}$	$\frac{1}{3}$	$\Phi_{2163}\ \Phi_{721}\ \Phi_{103}\ \Phi_{21}^2\ \Phi_{7}^2\ \Phi_{1}^2$
162308	1976	129	$\frac{3}{43}$	$\frac{4}{43}$	$\frac{5}{43}$	$\frac{1}{3}$	$\Phi_{129}^{23}\ \Phi_{3}^{22}$
162309	1976	126	$\frac{1}{14}$	$\frac{2}{21}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{126}^{19}\ \Phi_{63}^{16}\ \Phi_{42}^{13}\ \Phi_{21}^{11}\ \Phi_{18}^{19}\ \Phi_{14}^{12}\ \Phi_{9}^{18}\ \Phi_{7}^{10}\ \Phi_{6}^{13}\ \Phi_{3}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
162310	1976	735	$\frac{4}{245}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{241}{735}$	$\Phi_{735}^4\ \Phi_{147}^4\ \Phi_{105}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{1}^4$
162311	1976	3645	$\frac{8}{243}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{235}{729}$	$\Phi_{3645}\ \Phi_{45}\ \Phi_{15}$
162312	1976	1815	$\frac{5}{121}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{116}{363}$	$\Phi_{1815}^2\ \Phi_{165}^2\ \Phi_{55}\ \Phi_{15}^2$
162313	1976	270	$\frac{2}{45}$	$\frac{23}{270}$	$\frac{1}{5}$	$\frac{43}{135}$	$\Phi_{270}^8\ \Phi_{135}^6\ \Phi_{90}^8\ \Phi_{54}^8\ \Phi_{45}^8\ \Phi_{30}^8\ \Phi_{27}^6\ \Phi_{18}^8\ \Phi_{15}^8\ \Phi_{10}^8\ \Phi_{9}^8\ \Phi_{6}^8\ \Phi_{5}^7\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^8$
162314	1976	360	$\frac{7}{120}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{113}{360}$	$\Phi_{360}^8\ \Phi_{180}^8\ \Phi_{90}^8\ \Phi_{72}^8\ \Phi_{45}^8\ \Phi_{36}^8\ \Phi_{18}^8\ \Phi_{15}^4\ \Phi_{9}^8\ \Phi_{5}^3\ \Phi_{3}^4\ \Phi_{1}^4$
162315	1976	360	$\frac{7}{120}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{113}{360}$	$\Phi_{360}^5\ \Phi_{180}^5\ \Phi_{120}^6\ \Phi_{90}^5\ \Phi_{72}^6\ \Phi_{60}^6\ \Phi_{45}^5\ \Phi_{40}^6\ \Phi_{36}^6\ \Phi_{30}^6\ \Phi_{24}^7\ \Phi_{20}^6\ \Phi_{18}^6\ \Phi_{15}^6\ \Phi_{12}^7\ \Phi_{10}^6\ \Phi_{9}^5\ \Phi_{8}^6\ \Phi_{6}^7\ \Phi_{5}^6\ \Phi_{4}^6\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^6$
162316	1976	540	$\frac{1}{20}$	$\frac{1}{15}$	$\frac{31}{135}$	$\frac{14}{45}$	$\Phi_{540}^5\ \Phi_{270}^5\ \Phi_{135}^4\ \Phi_{108}^5\ \Phi_{60}^5\ \Phi_{54}^5\ \Phi_{30}^5\ \Phi_{27}^4\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^5\ \Phi_{10}^4\ \Phi_{6}^5\ \Phi_{5}^3\ \Phi_{4}^4\ \Phi_{3}^4\ \Phi_{2}^4\ \Phi_{1}^4$
162317	1976	55	$\frac{3}{55}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{17}{55}$	$\Phi_{55}^{36}\ \Phi_{11}^{36}\ \Phi_{5}^{35}\ \Phi_{1}^{36}$
162318	1976	300	$\frac{1}{20}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{75}$	$\Phi_{300}^{10}\ \Phi_{150}^{10}\ \Phi_{75}^{8}\ \Phi_{60}^{10}\ \Phi_{30}^{10}\ \Phi_{20}^{4}\ \Phi_{15}^{8}\ \Phi_{12}^{10}\ \Phi_{10}^{4}\ \Phi_{6}^{10}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{8}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
162319	1976	711	$\frac{3}{79}$	$\frac{20}{237}$	$\frac{19}{79}$	$\frac{217}{711}$	$\Phi_{711}^4\ \Phi_{79}\ \Phi_{9}^4\ \Phi_{1}^2$
162320	1976	297	$\frac{1}{27}$	$\frac{1}{11}$	$\frac{23}{99}$	$\frac{10}{33}$	$\Phi_{297}^7\ \Phi_{99}^6\ \Phi_{33}^7\ \Phi_{27}^6\ \Phi_{11}^6\ \Phi_{9}^5\ \Phi_{3}^6\ \Phi_{1}^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
162321	1976	2781	$\frac{3}{103}$	$\frac{1}{9}$	$\frac{25}{103}$	$\frac{8}{27}$	$\Phi_{2781}\ \Phi_{103}\ \Phi_{27}^2\ \Phi_1^2$
162322	1976	135	$\frac{1}{27}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{8}{27}$	$\Phi_{135}^{18}\ \Phi_{45}^{19}\ \Phi_{15}^{19}\ \Phi_5^{18}$
162323	1976	2781	$\frac{7}{103}$	$\frac{1}{9}$	$\frac{12}{103}$	$\frac{8}{27}$	$\Phi_{2781}\ \Phi_{103}\ \Phi_{27}^2\ \Phi_1^2$
162324	1976	378	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{378}^8\ \Phi_{189}^8\ \Phi_{126}\ \Phi_{63}\ \Phi_{54}^8\ \Phi_{42}\ \Phi_{21}\ \Phi_{18}\ \Phi_6$
162325	1976	300	$\frac{1}{25}$	$\frac{3}{25}$	$\frac{53}{300}$	$\frac{22}{75}$	$\Phi_{300}^8\ \Phi_{150}^8\ \Phi_{100}^8\ \Phi_{60}^8\ \Phi_{50}^8\ \Phi_{30}^8\ \Phi_{25}^7\ \Phi_{20}^8\ \Phi_{12}^8\ \Phi_{10}^8\ \Phi_6^8\ \Phi_5^7\ \Phi_4^8\ \Phi_2^8\ \Phi_1^8$
162326	1976	2940	$\frac{1}{20}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{147}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{735}\ \Phi_{588}\ \Phi_{420}\ \Phi_{294}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
162327	1976	792	$\frac{17}{264}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{792}^3\ \Phi_{396}^3\ \Phi_{264}^2\ \Phi_{198}^3\ \Phi_{132}^2\ \Phi_{99}^3\ \Phi_{88}^2\ \Phi_{72}\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{18}\ \Phi_{12}\ \Phi_{11}^2\ \Phi_6$
162328	1976	3465	$\frac{1}{33}$	$\frac{32}{231}$	$\frac{1}{5}$	$\frac{199}{693}$	$\Phi_{3465}\ \Phi_{495}\ \Phi_{315}\ \Phi_{165}\ \Phi_{55}\ \Phi_{45}\ \Phi_{15}$
162329	1976	2718	$\frac{3}{151}$	$\frac{1}{6}$	$\frac{37}{151}$	$\frac{5}{18}$	$\Phi_{2718}\ \Phi_{1359}\ \Phi_{151}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
162330	1976	1170	$\frac{1}{39}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{18}$	$\Phi_{1170}^3\ \Phi_{585}^3\ \Phi_{195}\ \Phi_{90}^2\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{15}$
162331	1976	2718	$\frac{7}{151}$	$\frac{18}{151}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{2718}\ \Phi_{1359}\ \Phi_{151}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_1^2$
162332	1976	180	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{180}^{11}\ \Phi_{90}^{11}\ \Phi_{60}^{13}\ \Phi_{45}^{11}\ \Phi_{36}^{11}\ \Phi_{30}^{13}\ \Phi_{20}^{12}\ \Phi_{18}^6\ \Phi_{15}^{13}\ \Phi_{12}^{13}\ \Phi_{10}^{12}\ \Phi_9^5\ \Phi_6^7\ \Phi_5^{12}\ \Phi_4^{12}\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
162333	1976	945	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{105}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^3\ \Phi_{135}^2\ \Phi_{105}\ \Phi_{63}^3\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_7^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
162334	1976	1125	$\frac{1}{25}$	$\frac{137}{1125}$	$\frac{24}{125}$	$\frac{101}{375}$	$\Phi_{1125}^2\ \Phi_{375}\ \Phi_{225}^2\ \Phi_{125}^2\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{25}\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
162335	1976	675	$\frac{1}{45}$	$\frac{44}{225}$	$\frac{1}{5}$	$\frac{181}{675}$	$\Phi_{675}^4\ \Phi_{135}^4\ \Phi_{45}^4\ \Phi_{27}^4\ \Phi_{15}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
162336	1976	714	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{4}{17}$	$\frac{13}{51}$	$\Phi_{714}^4\ \Phi_{357}^4\ \Phi_{238}\ \Phi_{119}\ \Phi_{102}^4\ \Phi_{42}^4\ \Phi_{34}\ \Phi_{21}^4\ \Phi_6^4$
162337	1976	553	$\frac{3}{79}$	$\frac{59}{553}$	$\frac{19}{79}$	$\frac{20}{79}$	$\Phi_{553}^4\ \Phi_{79}\ \Phi_7^4\ \Phi_1^2$
162338	1976	330	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{27}{110}$	$\frac{83}{330}$	$\Phi_{330}^8\ \Phi_{165}^8\ \Phi_{66}^8\ \Phi_{55}^4\ \Phi_{33}^8\ \Phi_{30}^8\ \Phi_{15}^8\ \Phi_{11}^4\ \Phi_6^8\ \Phi_5^3\ \Phi_3^8\ \Phi_1^4$
162339	1976	2416	$\frac{3}{151}$	$\frac{3}{16}$	$\frac{37}{151}$	$\frac{1}{4}$	$\Phi_{2416}\ \Phi_{1208}\ \Phi_{151}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
162340	1976	3120	$\frac{1}{39}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{240}\ \Phi_{195}\ \Phi_{120}\ \Phi_{65}\ \Phi_{15}$
162341	1976	2416	$\frac{7}{151}$	$\frac{18}{151}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2416}\ \Phi_{1208}\ \Phi_{151}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
162342	1976	720	$\frac{1}{20}$	$\frac{1}{9}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{720}^4\ \Phi_{360}^4\ \Phi_{240}^4\ \Phi_{180}\ \Phi_{144}^3\ \Phi_{120}^4\ \Phi_{90}\ \Phi_{72}^3\ \Phi_{60}\ \Phi_{48}^3\ \Phi_{45}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
162343	1976	2472	$\frac{3}{103}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{25}{103}$	$\Phi_{2472}\ \Phi_{1236}\ \Phi_{824}\ \Phi_{412}\ \Phi_{103}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
162344	1976	316	$\frac{3}{79}$	$\frac{10}{79}$	$\frac{69}{316}$	$\frac{19}{79}$	$\Phi_{316}^8\ \Phi_{158}^8\ \Phi_{79}\ \Phi_4^8\ \Phi_2^8\ \Phi_1^2$
162345	1976	75	$\frac{1}{25}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{6}{25}$	$\Phi_{75}^{30}\ \Phi_{25}^{18}\ \Phi_{15}^{32}\ \Phi_5^{19}\ \Phi_3^{32}\ \Phi_1^{20}$
162346	1976	1620	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{77}{324}$	$\Phi_{1620}^2\ \Phi_{810}^2\ \Phi_{540}^2\ \Phi_{270}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{10}^2$
162347	1976	270	$\frac{1}{15}$	$\frac{23}{270}$	$\frac{1}{5}$	$\frac{7}{30}$	$\Phi_{270}^8\ \Phi_{135}^8\ \Phi_{90}^8\ \Phi_{54}^8\ \Phi_{45}^8\ \Phi_{27}^8\ \Phi_{18}^8\ \Phi_{15}^4\ \Phi_9^8\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
162348	1976	2880	$\frac{7}{80}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{73}{320}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{960}\ \Phi_{576}\ \Phi_{480}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
162349	1976	1320	$\frac{17}{264}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{22}$	$\Phi_{1320}^2\ \Phi_{660}^2\ \Phi_{440}^2\ \Phi_{330}^2\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{15}^2$
162350	1976	630	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{7}{45}$	$\frac{2}{9}$	$\Phi_{630}^4\ \Phi_{315}^4\ \Phi_{210}^4\ \Phi_{126}\ \Phi_{105}^4\ \Phi_{90}^4\ \Phi_{70}^4\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}^4\ \Phi_{30}^4\ \Phi_{21}\ \Phi_{18}\ \Phi_{10}^4\ \Phi_6$
162351	1976	316	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{10}{79}$	$\frac{69}{316}$	$\Phi_{316}^8\ \Phi_{158}^8\ \Phi_{79}\ \Phi_4^8\ \Phi_2^8\ \Phi_1^2$
162352	1976	315	$\frac{2}{45}$	$\frac{43}{315}$	$\frac{1}{5}$	$\frac{68}{315}$	$\Phi_{315}^6\ \Phi_{105}^6\ \Phi_{63}^6\ \Phi_{45}^8\ \Phi_{35}^6\ \Phi_{21}^6\ \Phi_{15}^8\ \Phi_9^8\ \Phi_7^6\ \Phi_5^7\ \Phi_3^8\ \Phi_1^8$
162353	1976	625	$\frac{1}{25}$	$\frac{101}{625}$	$\frac{24}{125}$	$\frac{131}{625}$	$\Phi_{625}^3\ \Phi_{125}^4\ \Phi_{25}^3\ \Phi_5^3\ \Phi_1^4$
162354	1976	1080	$\frac{1}{27}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{24}$	$\Phi_{1080}^3\ \Phi_{540}^3\ \Phi_{360}^3\ \Phi_{180}^3\ \Phi_{135}\ \Phi_{120}^2\ \Phi_{60}^2\ \Phi_{45}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{15}$
162355	1976	2472	$\frac{7}{103}$	$\frac{12}{103}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{2472}\ \Phi_{1236}\ \Phi_{824}\ \Phi_{412}\ \Phi_{103}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
162356	1976	504	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{504}^{6}\ \Phi_{252}^{6}\ \Phi_{168}^{4}\ \Phi_{126}\ \Phi_{84}^{4}\ \Phi_{72}^{3}\ \Phi_{63}\ \Phi_{56}^{4}\ \Phi_{42}\ \Phi_{36}^{3}\ \Phi_{28}^{4}\ \Phi_{24}^{2}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{6}\ \Phi_{4}^{2}$
162357	1976	60	$\frac{1}{20}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{60}^{40}\ \Phi_{30}^{40}\ \Phi_{20}^{24}\ \Phi_{15}^{32}\ \Phi_{12}^{40}\ \Phi_{10}^{24}\ \Phi_{6}^{40}\ \Phi_{5}^{19}\ \Phi_{4}^{24}\ \Phi_{3}^{32}\ \Phi_{2}^{24}\ \Phi_{1}^{20}$
162358	1976	280	$\frac{2}{35}$	$\frac{33}{280}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{280}^{8}\ \Phi_{140}^{8}\ \Phi_{70}^{8}\ \Phi_{56}^{8}\ \Phi_{40}^{8}\ \Phi_{28}^{8}\ \Phi_{20}^{8}\ \Phi_{14}^{8}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{5}^{3}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
162359	1976	525	$\frac{31}{525}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{525}^{4}\ \Phi_{175}^{4}\ \Phi_{105}^{4}\ \Phi_{75}^{4}\ \Phi_{25}^{4}\ \Phi_{21}^{4}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
162360	1976	275	$\frac{4}{55}$	$\frac{28}{275}$	$\frac{51}{275}$	$\frac{1}{5}$	$\Phi_{275}^{7}\ \Phi_{55}^{8}\ \Phi_{25}^{7}\ \Phi_{11}^{8}\ \Phi_{5}^{7}\ \Phi_{1}^{8}$
162361	1976	605	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{111}{605}$	$\frac{1}{5}$	$\Phi_{605}^{3}\ \Phi_{121}^{4}\ \Phi_{55}^{4}\ \Phi_{11}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
162362	1976	300	$\frac{1}{15}$	$\frac{7}{60}$	$\frac{53}{300}$	$\frac{1}{5}$	$\Phi_{300}^{8}\ \Phi_{150}^{8}\ \Phi_{100}^{8}\ \Phi_{75}^{8}\ \Phi_{50}^{8}\ \Phi_{25}^{8}\ \Phi_{15}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
162363	1976	525	$\frac{31}{525}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{5}$	$\Phi_{525}^{4}\ \Phi_{175}^{4}\ \Phi_{105}^{4}\ \Phi_{75}^{2}\ \Phi_{35}^{4}\ \Phi_{25}^{2}\ \Phi_{21}^{4}\ \Phi_{15}^{4}\ \Phi_{7}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
162364	1976	500	$\frac{1}{20}$	$\frac{4}{25}$	$\frac{21}{125}$	$\frac{1}{5}$	$\Phi_{500}^{5}\ \Phi_{250}^{5}\ \Phi_{125}^{4}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
162365	1976	45	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{7}{45}$	$\frac{1}{5}$	$\Phi_{45}^{52}\ \Phi_{15}^{28}\ \Phi_{9}^{52}\ \Phi_{5}^{27}\ \Phi_{3}^{28}\ \Phi_{1}^{28}$
162366	1976	270	$\frac{23}{270}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{5}$	$\Phi_{270}^{8}\ \Phi_{135}^{6}\ \Phi_{90}^{8}\ \Phi_{54}^{8}\ \Phi_{45}^{7}\ \Phi_{30}^{8}\ \Phi_{27}^{8}\ \Phi_{18}^{8}\ \Phi_{15}^{7}\ \Phi_{10}^{8}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{8}$
162367	1976	1155	$\frac{4}{55}$	$\frac{51}{385}$	$\frac{167}{1155}$	$\frac{1}{5}$	$\Phi_{1155}^{2}\ \Phi_{385}\ \Phi_{231}^{2}\ \Phi_{165}^{2}\ \Phi_{105}^{2}\ \Phi_{77}\ \Phi_{55}^{2}\ \Phi_{35}\ \Phi_{33}^{2}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
162368	1976	2835	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{73}{567}$	$\frac{1}{5}$	$\Phi_{2835}\ \Phi_{945}\ \Phi_{315}\ \Phi_{105}\ \Phi_{45}\ \Phi_{35}\ \Phi_{15}$
162369	1976	2520	$\frac{1}{9}$	$\frac{33}{280}$	$\frac{1}{8}$	$\frac{7}{40}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{168}\ \Phi_{126}\ \Phi_{105}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
162370	1976	288	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{41}{288}$	$\frac{7}{48}$	$\Phi_{288}^{8}\ \Phi_{144}^{5}\ \Phi_{96}^{8}\ \Phi_{72}^{6}\ \Phi_{48}^{6}\ \Phi_{36}^{6}\ \Phi_{32}^{8}\ \Phi_{24}^{7}\ \Phi_{18}^{6}\ \Phi_{16}^{6}\ \Phi_{12}^{7}\ \Phi_{9}^{5}\ \Phi_{8}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{6}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
162371	1977	2628	$\frac{2}{657}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{655}{1314}$	$\Phi_{2628}\ \Phi_{876}\ \Phi_{657}\ \Phi_{292}\ \Phi_{219}\ \Phi_{73}\ \Phi_{36}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
162372	1977	880	$\frac{1}{220}$	$\frac{1}{4}$	$\frac{221}{880}$	$\frac{219}{440}$	$\Phi_{880}^{3}\ \Phi_{220}^{3}\ \Phi_{176}^{3}\ \Phi_{110}^{3}\ \Phi_{80}^{3}\ \Phi_{55}^{3}\ \Phi_{44}^{3}\ \Phi_{22}^{3}\ \Phi_{20}^{3}\ \Phi_{16}^{3}\ \Phi_{11}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
162373	1977	1312	$\frac{3}{656}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{653}{1312}$	$\Phi_{1312}^{3}\ \Phi_{32}^{3}\ \Phi_{16}\ \Phi_{1}$
162374	1977	1312	$\frac{3}{656}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{653}{1312}$	$\Phi_{1312}^{3}\ \Phi_{32}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
162375	1977	2620	$\frac{4}{655}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{651}{1310}$	$\Phi_{2620}\ \Phi_{655}\ \Phi_{524}\ \Phi_{131}\ \Phi_{20}^{2}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
162376	1977	1216	$\frac{1}{152}$	$\frac{51}{608}$	$\frac{557}{1216}$	$\frac{151}{304}$	$\Phi_{1216}^{3}\ \Phi_{304}\ \Phi_{64}^{3}\ \Phi_{16}\ \Phi_{1}$
162377	1977	912	$\frac{1}{152}$	$\frac{51}{304}$	$\frac{253}{912}$	$\frac{151}{304}$	$\Phi_{912}^{3}\ \Phi_{456}^{3}\ \Phi_{304}\ \Phi_{228}^{3}\ \Phi_{114}^{3}\ \Phi_{57}^{3}\ \Phi_{48}^{3}\ \Phi_{24}^{3}\ \Phi_{16}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{3}^{3}\ \Phi_{1}$
162378	1977	2432	$\frac{1}{152}$	$\frac{455}{2432}$	$\frac{153}{608}$	$\frac{151}{304}$	$\Phi_{2432}\ \Phi_{1216}\ \Phi_{304}\ \Phi_{128}\ \Phi_{64}\ \Phi_{16}\ \Phi_{1}$
162379	1977	792	$\frac{1}{132}$	$\frac{133}{792}$	$\frac{1}{4}$	$\frac{131}{264}$	$\Phi_{792}^{3}\ \Phi_{396}^{3}\ \Phi_{198}^{3}\ \Phi_{132}^{3}\ \Phi_{99}^{3}\ \Phi_{72}^{3}\ \Phi_{66}^{3}\ \Phi_{44}^{3}\ \Phi_{36}^{3}\ \Phi_{33}^{3}\ \Phi_{22}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{3}\ \Phi_{11}^{3}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
162380	1977	1308	$\frac{5}{654}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{649}{1308}$	$\Phi_{1308}\ \Phi_{654}^{2}\ \Phi_{436}\ \Phi_{327}^{2}\ \Phi_{218}^{2}\ \Phi_{109}^{2}\ \Phi_{12}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
162381	1977	3920	$\frac{17}{1960}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1943}{3920}$	$\Phi_{3920}\ \Phi_{784}\ \Phi_{560}\ \Phi_{112}\ \Phi_{80}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
162382	1977	1248	$\frac{1}{104}$	$\frac{35}{624}$	$\frac{589}{1248}$	$\frac{103}{208}$	$\Phi_{1248}^{3}\ \Phi_{416}^{3}\ \Phi_{208}\ \Phi_{96}^{3}\ \Phi_{32}^{3}\ \Phi_{16}\ \Phi_{1}$
162383	1977	832	$\frac{1}{104}$	$\frac{35}{208}$	$\frac{173}{832}$	$\frac{103}{208}$	$\Phi_{832}^{3}\ \Phi_{416}^{3}\ \Phi_{208}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}\ \Phi_{1}$
162384	1977	3904	$\frac{25}{1952}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1927}{3904}$	$\Phi_{3904}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
162385	1977	2200	$\frac{3}{220}$	$\frac{223}{2200}$	$\frac{1}{4}$	$\frac{217}{440}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{275}\ \Phi_{220}\ \Phi_{200}\ \Phi_{110}\ \Phi_{100}\ \Phi_{55}\ \Phi_{50}\ \Phi_{44}\ \Phi_{25}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
162386	1977	1300	$\frac{9}{650}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{641}{1300}$	$\Phi_{1300}^{3}\ \Phi_{260}^{3}\ \Phi_{100}^{3}\ \Phi_{52}^{3}\ \Phi_{20}^{3}\ \Phi_{13}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
162387	1977	1300	$\frac{9}{650}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{641}{1300}$	$\Phi_{1300}\ \Phi_{650}^{2}\ \Phi_{325}^{2}\ \Phi_{260}\ \Phi_{130}^{2}\ \Phi_{100}\ \Phi_{65}^{2}\ \Phi_{52}\ \Phi_{50}^{2}\ \Phi_{26}^{2}\ \Phi_{25}^{2}\ \Phi_{20}^{3}\ \Phi_{13}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
162388	1977	2596	$\frac{10}{649}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{639}{1298}$	$\Phi_{2596}\ \Phi_{649}\ \Phi_{236}\ \Phi_{59}\ \Phi_{44}^{2}\ \Phi_{22}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
162389	1977	720	$\frac{1}{60}$	$\frac{61}{720}$	$\frac{1}{4}$	$\frac{59}{120}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{45}^3\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
162390	1977	1296	$\frac{11}{648}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{637}{1296}$	$\Phi_{1296}^3\ \Phi_{432}^3\ \Phi_{144}^3\ \Phi_{48}^3\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
162391	1977	884	$\frac{4}{221}$	$\frac{1}{13}$	$\frac{225}{884}$	$\frac{217}{442}$	$\Phi_{884}^3\ \Phi_{221}^3\ \Phi_{68}^3\ \Phi_{52}^3\ \Phi_{17}^3\ \Phi_{13}^2\ \Phi_4^3\ \Phi_1^3$
162392	1977	1292	$\frac{13}{646}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{633}{1292}$	$\Phi_{1292}^3\ \Phi_{76}^3\ \Phi_{68}^3\ \Phi_{19}^2\ \Phi_4^3\ \Phi_1^3$
162393	1977	3872	$\frac{41}{1936}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1895}{3872}$	$\Phi_{3872}\ \Phi_{352}\ \Phi_{44}\ \Phi_{32}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
162394	1977	2580	$\frac{14}{645}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{631}{1290}$	$\Phi_{2580}\ \Phi_{860}\ \Phi_{645}\ \Phi_{516}\ \Phi_{215}\ \Phi_{172}\ \Phi_{129}\ \Phi_{60}^2\ \Phi_{43}\ \Phi_{30}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
162395	1977	704	$\frac{1}{44}$	$\frac{45}{704}$	$\frac{1}{4}$	$\frac{43}{88}$	$\Phi_{704}^3\ \Phi_{352}^3\ \Phi_{176}^3\ \Phi_{64}^3\ \Phi_{44}^3\ \Phi_{32}^3\ \Phi_{22}^3\ \Phi_{16}^3\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
162396	1977	2660	$\frac{18}{665}$	$\frac{1}{19}$	$\frac{683}{2660}$	$\frac{647}{1330}$	$\Phi_{2660}\ \Phi_{665}\ \Phi_{532}\ \Phi_{380}\ \Phi_{140}\ \Phi_{133}\ \Phi_{95}\ \Phi_{76}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_7\ \Phi_5\ \Phi_4\ \Phi_1$
162397	1977	1280	$\frac{19}{640}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{621}{1280}$	$\Phi_{1280}^3\ \Phi_{256}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
162398	1977	1280	$\frac{19}{640}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{621}{1280}$	$\Phi_{1280}^3\ \Phi_{256}^3\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
162399	1977	1276	$\frac{21}{638}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{617}{1276}$	$\Phi_{1276}\ \Phi_{638}^2\ \Phi_{319}^2\ \Phi_{116}\ \Phi_{58}^2\ \Phi_{44}^3\ \Phi_{29}^2\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
162400	1977	3800	$\frac{77}{1900}$	$\frac{1}{19}$	$\frac{18}{95}$	$\frac{1823}{3800}$	$\Phi_{3800}\ \Phi_{760}\ \Phi_{200}\ \Phi_{152}\ \Phi_{95}\ \Phi_{40}\ \Phi_8\ \Phi_5\ \Phi_1$
162401	1977	798	$\frac{6}{133}$	$\frac{1}{19}$	$\frac{139}{798}$	$\frac{127}{266}$	$\Phi_{798}^3\ \Phi_{399}^3\ \Phi_{133}^3\ \Phi_{114}^3\ \Phi_{57}^3\ \Phi_{42}^3\ \Phi_{21}^3\ \Phi_{19}^2\ \Phi_7^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1^3$
162402	1977	1260	$\frac{1}{30}$	$\frac{29}{630}$	$\frac{1}{4}$	$\frac{601}{1260}$	$\Phi_{1260}\ \Phi_{630}^2\ \Phi_{420}\ \Phi_{315}^2\ \Phi_{252}\ \Phi_{210}^2\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{60}^3\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{36}\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{28}\ \Phi_{21}^2\ \Phi_{20}^3\ \Phi_{18}^2\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_9^2\ \Phi_7^2\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
162403	1977	680	$\frac{21}{680}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{19}{40}$	$\Phi_{680}^3\ \Phi_{340}^3\ \Phi_{170}^3\ \Phi_{136}^3\ \Phi_{85}^3\ \Phi_{68}^3\ \Phi_{34}^3\ \Phi_{20}^3\ \Phi_{17}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
162404	1977	2508	$\frac{1}{33}$	$\frac{32}{627}$	$\frac{1}{4}$	$\frac{595}{1254}$	$\Phi_{2508}\ \Phi_{836}\ \Phi_{627}\ \Phi_{228}\ \Phi_{209}\ \Phi_{132}^2\ \Phi_{76}\ \Phi_{66}\ \Phi_{57}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}\ \Phi_{19}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
162405	1977	2210	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{233}{2210}$	$\frac{209}{442}$	$\Phi_{2210}\ \Phi_{1105}\ \Phi_{221}\ \Phi_{170}\ \Phi_{130}\ \Phi_{85}\ \Phi_{65}\ \Phi_{17}\ \Phi_{10}\ \Phi_5\ \Phi_1$
162406	1977	1248	$\frac{1}{52}$	$\frac{35}{624}$	$\frac{17}{52}$	$\frac{589}{1248}$	$\Phi_{1248}^3\ \Phi_{416}^3\ \Phi_{96}^3\ \Phi_{52}^2\ \Phi_{32}^3\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
162407	1977	1248	$\frac{35}{624}$	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{589}{1248}$	$\Phi_{1248}^3\ \Phi_{416}^3\ \Phi_{96}^3\ \Phi_{39}^3\ \Phi_{32}^3\ \Phi_{13}^2\ \Phi_3^3\ \Phi_1^3$
162408	1977	3724	$\frac{1}{19}$	$\frac{115}{1862}$	$\frac{18}{133}$	$\frac{1747}{3724}$	$\Phi_{3724}\ \Phi_{532}\ \Phi_{196}\ \Phi_{133}\ \Phi_{76}\ \Phi_{28}\ \Phi_7\ \Phi_4\ \Phi_1$
162409	1977	760	$\frac{1}{19}$	$\frac{6}{95}$	$\frac{101}{760}$	$\frac{89}{190}$	$\Phi_{760}^3\ \Phi_{380}^3\ \Phi_{152}^3\ \Phi_{95}^3\ \Phi_{76}^3\ \Phi_{40}^3\ \Phi_{20}^3\ \Phi_{19}^2\ \Phi_8^3\ \Phi_5^3\ \Phi_4^3\ \Phi_1^3$
162410	1977	2024	$\frac{47}{2024}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{41}{88}$	$\Phi_{2024}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{253}\ \Phi_{184}\ \Phi_{92}\ \Phi_{46}\ \Phi_{44}\ \Phi_{23}\ \Phi_{22}\ \Phi_{11}\ \Phi_1$
162411	1977	1232	$\frac{1}{44}$	$\frac{43}{616}$	$\frac{1}{4}$	$\frac{573}{1232}$	$\Phi_{1232}^3\ \Phi_{176}^3\ \Phi_{112}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{16}^3\ \Phi_{11}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
162412	1977	2704	$\frac{1}{52}$	$\frac{51}{676}$	$\frac{727}{2704}$	$\frac{625}{1352}$	$\Phi_{2704}\ \Phi_{676}\ \Phi_{338}\ \Phi_{208}\ \Phi_{169}\ \Phi_{16}\ \Phi_1$
162413	1977	672	$\frac{13}{672}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{16}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
162414	1977	1216	$\frac{1}{76}$	$\frac{51}{608}$	$\frac{25}{76}$	$\frac{557}{1216}$	$\Phi_{1216}^3\ \Phi_{76}^2\ \Phi_{64}^3\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
162415	1977	3640	$\frac{1}{26}$	$\frac{157}{1820}$	$\frac{25}{182}$	$\frac{1663}{3640}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{280}\ \Phi_{182}\ \Phi_{104}\ \Phi_{91}\ \Phi_{56}\ \Phi_{40}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
162416	1977	2288	$\frac{1}{26}$	$\frac{25}{286}$	$\frac{311}{2288}$	$\frac{261}{572}$	$\Phi_{2288}\ \Phi_{1144}\ \Phi_{286}\ \Phi_{208}\ \Phi_{176}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_8\ \Phi_1$
162417	1977	2420	$\frac{1}{55}$	$\frac{54}{605}$	$\frac{1}{4}$	$\frac{551}{1210}$	$\Phi_{2420}\ \Phi_{605}\ \Phi_{484}\ \Phi_{220}^2\ \Phi_{121}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}^2\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
162418	1977	1200	$\frac{1}{60}$	$\frac{59}{600}$	$\frac{1}{4}$	$\frac{541}{1200}$	$\Phi_{1200}^3\ \Phi_{400}^3\ \Phi_{240}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
162419	1977	702	$\frac{43}{702}$	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{35}{78}$	$\Phi_{702}^3\ \Phi_{351}^3\ \Phi_{234}^3\ \Phi_{117}^3\ \Phi_{54}^3\ \Phi_{39}^3\ \Phi_{27}^3\ \Phi_{18}^3\ \Phi_{13}^2\ \Phi_9^3\ \Phi_3^3\ \Phi_1^3$
162420	1977	2048	$\frac{71}{2048}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
162421	1977	1188	$\frac{1}{66}$	$\frac{65}{594}$	$\frac{1}{4}$	$\frac{529}{1188}$	$\Phi_{1188}\ \Phi_{594}^2\ \Phi_{396}\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{132}^3\ \Phi_{108}\ \Phi_{99}^2\ \Phi_{66}^3\ \Phi_{54}^2\ \Phi_{44}^3\ \Phi_{36}\ \Phi_{33}^3\ \Phi_{27}^2\ \Phi_{22}^3\ \Phi_{18}^2\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_9^2\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
162422	1977	912	$\frac{1}{76}$	$\frac{25}{228}$	$\frac{253}{912}$	$\frac{203}{456}$	$\Phi_{912}^3\ \Phi_{304}^3\ \Phi_{228}^3\ \Phi_{114}^3\ \Phi_{76}^2\ \Phi_{57}^3\ \Phi_{48}^3\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{16}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
162423	1977	3536	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{209}{1768}$	$\frac{1559}{3536}$	$\Phi_{3536}\ \Phi_{272}\ \Phi_{221}\ \Phi_{208}\ \Phi_{17}\ \Phi_{16}\ \Phi_1$
162424	1977	3520	$\frac{3}{220}$	$\frac{217}{1760}$	$\frac{1}{4}$	$\frac{1543}{3520}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{320}\ \Phi_{220}\ \Phi_{110}\ \Phi_{64}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
162425	1977	2624	$\frac{9}{656}$	$\frac{1}{8}$	$\frac{647}{2624}$	$\frac{7}{16}$	$\Phi_{2624}\ \Phi_{1312}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
162426	1977	672	$\frac{13}{672}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{672}^3\ \Phi_{336}^3\ \Phi_{224}^3\ \Phi_{168}^3\ \Phi_{112}^3\ \Phi_{96}^3\ \Phi_{84}^3\ \Phi_{56}^3\ \Phi_{48}^3\ \Phi_{42}^3\ \Phi_{32}^3\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{16}\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
162427	1977	2128	$\frac{1}{19}$	$\frac{151}{2128}$	$\frac{18}{133}$	$\frac{115}{266}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{532}\ \Phi_{304}\ \Phi_{152}\ \Phi_{133}\ \Phi_{112}\ \Phi_{76}\ \Phi_{56}\ \Phi_{28}\ \Phi_{16}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
162428	1977	728	$\frac{1}{26}$	$\frac{69}{728}$	$\frac{25}{182}$	$\frac{157}{364}$	$\Phi_{728}^3\ \Phi_{364}^2\ \Phi_{182}^3\ \Phi_{104}^3\ \Phi_{91}^3\ \Phi_{56}^3\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{14}^3\ \Phi_{13}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
162429	1977	3472	$\frac{7}{248}$	$\frac{1}{8}$	$\frac{241}{1736}$	$\frac{1495}{3472}$	$\Phi_{3472}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{112}\ \Phi_{62}\ \Phi_{31}\ \Phi_{16}\ \Phi_1$
162430	1977	2000	$\frac{23}{2000}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
162431	1977	1144	$\frac{1}{26}$	$\frac{25}{286}$	$\frac{87}{572}$	$\frac{485}{1144}$	$\Phi_{1144}^3\ \Phi_{286}\ \Phi_{143}\ \Phi_{104}^3\ \Phi_{88}^3\ \Phi_{22}\ \Phi_{11}\ \Phi_8^3\ \Phi_1$
162432	1977	1140	$\frac{1}{19}$	$\frac{6}{95}$	$\frac{89}{570}$	$\frac{481}{1140}$	$\Phi_{1140}^3\ \Phi_{380}^3\ \Phi_{228}^3\ \Phi_{95}^3\ \Phi_{76}^3\ \Phi_{60}^3\ \Phi_{20}^3\ \Phi_{19}^2\ \Phi_{12}^3\ \Phi_5^3\ \Phi_4^3\ \Phi_1^3$
162433	1977	3328	$\frac{1}{104}$	$\frac{313}{1664}$	$\frac{103}{416}$	$\frac{1351}{3328}$	$\Phi_{3328}\ \Phi_{416}\ \Phi_{256}\ \Phi_{208}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
162434	1977	2090	$\frac{1}{19}$	$\frac{113}{2090}$	$\frac{18}{95}$	$\frac{77}{190}$	$\Phi_{2090}\ \Phi_{1045}\ \Phi_{418}\ \Phi_{209}\ \Phi_{110}\ \Phi_{95}\ \Phi_{55}\ \Phi_{22}\ \Phi_{11}\ \Phi_5\ \Phi_1$
162435	1977	1100	$\frac{1}{110}$	$\frac{109}{550}$	$\frac{1}{4}$	$\frac{441}{1100}$	$\Phi_{1100}\ \Phi_{550}^2\ \Phi_{275}^2\ \Phi_{220}^3\ \Phi_{110}^3\ \Phi_{100}\ \Phi_{55}^3\ \Phi_{50}^2\ \Phi_{44}^3\ \Phi_{25}^2\ \Phi_{22}^3\ \Phi_{20}^3\ \Phi_{11}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
162436	1977	1064	$\frac{6}{133}$	$\frac{1}{19}$	$\frac{127}{532}$	$\frac{405}{1064}$	$\Phi_{1064}^3\ \Phi_{152}^3\ \Phi_{133}^3\ \Phi_{56}^3\ \Phi_{19}^2\ \Phi_8^3\ \Phi_7^3\ \Phi_1^3$
162437	1977	832	$\frac{1}{104}$	$\frac{173}{832}$	$\frac{103}{416}$	$\frac{313}{832}$	$\Phi_{832}^2\ \Phi_{416}^3\ \Phi_{208}^3\ \Phi_{104}^2\ \Phi_{64}^2\ \Phi_{52}^2\ \Phi_{32}^3\ \Phi_{26}^2\ \Phi_{16}^3\ \Phi_{13}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
162438	1977	1056	$\frac{1}{132}$	$\frac{131}{528}$	$\frac{1}{4}$	$\frac{397}{1056}$	$\Phi_{1056}^3\ \Phi_{352}^3\ \Phi_{132}^3\ \Phi_{96}^3\ \Phi_{66}^3\ \Phi_{44}^3\ \Phi_{33}^3\ \Phi_{32}^3\ \Phi_{22}^3\ \Phi_{12}^3\ \Phi_{11}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
162439	1977	664	$\frac{5}{664}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{664}^3\ \Phi_{332}^3\ \Phi_{166}^3\ \Phi_{83}^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
162440	1977	665	$\frac{6}{665}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{665}^3\ \Phi_{133}^3\ \Phi_{95}^3\ \Phi_{35}^3\ \Phi_{19}^2\ \Phi_7^3\ \Phi_5^3\ \Phi_1^3$
162441	1977	1040	$\frac{1}{104}$	$\frac{103}{520}$	$\frac{139}{520}$	$\frac{381}{1040}$	$\Phi_{1040}^3\ \Phi_{520}\ \Phi_{260}\ \Phi_{208}^3\ \Phi_{130}\ \Phi_{80}^3\ \Phi_{65}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}^3\ \Phi_{10}\ \Phi_5\ \Phi_1$
162442	1977	676	$\frac{17}{676}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{676}^3\ \Phi_{338}^3\ \Phi_{169}^3\ \Phi_{52}^3\ \Phi_{13}^2\ \Phi_4^3\ \Phi_1^3$
162443	1977	684	$\frac{25}{684}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{13}{38}$	$\Phi_{684}^3\ \Phi_{342}^3\ \Phi_{228}^3\ \Phi_{171}^3\ \Phi_{114}^3\ \Phi_{76}^3\ \Phi_{57}^3\ \Phi_{36}^3\ \Phi_{19}^2\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
162444	1977	728	$\frac{1}{52}$	$\frac{69}{728}$	$\frac{17}{52}$	$\frac{35}{104}$	$\Phi_{728}^3\ \Phi_{364}^3\ \Phi_{182}^3\ \Phi_{91}^3\ \Phi_{56}^3\ \Phi_{52}^2\ \Phi_{28}^3\ \Phi_{26}^2\ \Phi_{14}^3\ \Phi_{13}^2\ \Phi_7^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
162445	1977	741	$\frac{4}{247}$	$\frac{82}{741}$	$\frac{81}{247}$	$\frac{83}{247}$	$\Phi_{741}^3\ \Phi_{247}^2\ \Phi_{57}^3\ \Phi_{39}^3\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_3^3\ \Phi_1^3$
162446	1977	992	$\frac{7}{496}$	$\frac{1}{8}$	$\frac{163}{496}$	$\frac{333}{992}$	$\Phi_{992}^3\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{32}^3\ \Phi_{31}\ \Phi_{16}\ \Phi_1$
162447	1977	760	$\frac{1}{76}$	$\frac{101}{760}$	$\frac{25}{76}$	$\frac{51}{152}$	$\Phi_{760}^3\ \Phi_{380}^3\ \Phi_{190}^3\ \Phi_{95}^3\ \Phi_{76}^2\ \Phi_{40}^3\ \Phi_{38}^2\ \Phi_{20}^3\ \Phi_{19}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
162448	1977	1980	$\frac{1}{165}$	$\frac{1}{4}$	$\frac{164}{495}$	$\frac{331}{990}$	$\Phi_{1980}\ \Phi_{660}^2\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}^2\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}^2\ \Phi_{110}\ \Phi_{99}\ \Phi_{66}\ \Phi_{60}^2\ \Phi_{55}\ \Phi_{45}\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{33}\ \Phi_{30}\ \Phi_{22}\ \Phi_{20}^2\ \Phi_{15}\ \Phi_{12}^2\ \Phi_{11}\ \Phi_{10}\ \Phi_9\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
162449	1977	988	$\frac{1}{247}$	$\frac{82}{247}$	$\frac{329}{988}$	$\frac{165}{494}$	$\Phi_{988}^3\ \Phi_{247}^2\ \Phi_{76}^3\ \Phi_{52}^3\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_4^3\ \Phi_1^3$
162450	1977	876	$\frac{2}{219}$	$\frac{217}{876}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{876}^2\ \Phi_{438}^2\ \Phi_{292}^2\ \Phi_{219}^3\ \Phi_{146}^2\ \Phi_{73}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
162451	1977	1332	$\frac{7}{666}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1332}^2\ \Phi_{666}\ \Phi_{444}^2\ \Phi_{333}\ \Phi_{222}\ \Phi_{148}^2\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{36}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
162452	1977	984	$\frac{3}{328}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{325}{984}$	$\Phi_{984}^3\ \Phi_{492}^3\ \Phi_{246}^3\ \Phi_{123}^3\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
162453	1977	912	$\frac{1}{76}$	$\frac{51}{304}$	$\frac{253}{912}$	$\frac{25}{76}$	$\Phi_{912}^3\ \Phi_{456}^3\ \Phi_{228}^3\ \Phi_{114}^3\ \Phi_{76}^2\ \Phi_{57}^3\ \Phi_{48}^3\ \Phi_{38}^2\ \Phi_{24}^3\ \Phi_{19}^2\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
162454	1977	792	$\frac{1}{66}$	$\frac{133}{792}$	$\frac{1}{4}$	$\frac{65}{198}$	$\Phi_{792}^3\,\Phi_{396}\,\Phi_{264}^3\,\Phi_{198}^2\,\Phi_{132}^3\,\Phi_{99}^2\,\Phi_{88}^3\,\Phi_{72}^3\,\Phi_{66}^3\,\Phi_{44}^3\,\Phi_{36}\,\Phi_{33}^3\,\Phi_{24}^3\,\Phi_{22}^3\,\Phi_{18}^2\,\Phi_{12}^3\,\Phi_{11}^3\,\Phi_9^2\,\Phi_8^3\,\Phi_6^3\,\Phi_4^2\,\Phi_3^3\,\Phi_2^2\,\Phi_1^3$
162455	1977	980	$\frac{17}{980}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{321}{980}$	$\Phi_{980}^2\,\Phi_{490}^2\,\Phi_{245}^2\,\Phi_{196}^2\,\Phi_{140}^2\,\Phi_{98}^2\,\Phi_{70}^2\,\Phi_{49}^2\,\Phi_{35}^2\,\Phi_{28}^2\,\Phi_{20}^3\,\Phi_{14}^2\,\Phi_{10}^3\,\Phi_7^2\,\Phi_5^3\,\Phi_4^2\,\Phi_2^2\,\Phi_1^3$
162456	1977	936	$\frac{1}{52}$	$\frac{35}{312}$	$\frac{277}{936}$	$\frac{17}{52}$	$\Phi_{936}^3\,\Phi_{468}^3\,\Phi_{234}^3\,\Phi_{117}^3\,\Phi_{72}^3\,\Phi_{52}^2\,\Phi_{36}^3\,\Phi_{26}^2\,\Phi_{18}^3\,\Phi_{13}^2\,\Phi_9^3\,\Phi_4^2\,\Phi_2^2\,\Phi_1^3$
162457	1977	780	$\frac{1}{52}$	$\frac{121}{780}$	$\frac{35}{156}$	$\frac{17}{52}$	$\Phi_{780}^3\,\Phi_{390}^3\,\Phi_{260}^3\,\Phi_{195}^3\,\Phi_{130}^3\,\Phi_{65}^3\,\Phi_{60}^3\,\Phi_{52}^2\,\Phi_{30}^3\,\Phi_{26}^2\,\Phi_{20}^3\,\Phi_{15}^3\,\Phi_{13}^2\,\Phi_{10}^3\,\Phi_5^3\,\Phi_4^2\,\Phi_2^2\,\Phi_1^3$
162458	1977	832	$\frac{1}{52}$	$\frac{35}{208}$	$\frac{173}{832}$	$\frac{17}{52}$	$\Phi_{832}^3\,\Phi_{416}^3\,\Phi_{64}^3\,\Phi_{52}^2\,\Phi_{32}^3\,\Phi_{26}^2\,\Phi_{13}^2\,\Phi_4^2\,\Phi_2^2\,\Phi_1^3$
162459	1977	975	$\frac{9}{325}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{316}{975}$	$\Phi_{975}^3\,\Phi_{195}^3\,\Phi_{75}^3\,\Phi_{39}^3\,\Phi_{15}^3\,\Phi_{13}^2\,\Phi_3^3\,\Phi_1^3$
162460	1977	720	$\frac{1}{30}$	$\frac{61}{720}$	$\frac{1}{4}$	$\frac{29}{90}$	$\Phi_{720}^3\,\Phi_{360}^3\,\Phi_{240}^3\,\Phi_{180}^3\,\Phi_{144}^3\,\Phi_{120}^3\,\Phi_{90}^2\,\Phi_{80}^3\,\Phi_{72}^3\,\Phi_{60}^3\,\Phi_{48}^3\,\Phi_{45}^2\,\Phi_{40}^3\,\Phi_{36}\,\Phi_{30}^3\,\Phi_{24}^3\,\Phi_{20}^3\,\Phi_{18}^2\,\Phi_{16}^3\,\Phi_{15}^3\,\Phi_{12}^3\,\Phi_{10}^3\,\Phi_9^2\,\Phi_8^3\,\Phi_6^3\,\Phi_5^3\,\Phi_4^2\,\Phi_3^3\,\Phi_2^2\,\Phi_1^3$
162461	1977	972	$\frac{11}{324}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{313}{972}$	$\Phi_{972}^3\,\Phi_{486}^3\,\Phi_{243}^3\,\Phi_{12}^3\,\Phi_6^3\,\Phi_4^2\,\Phi_3^3\,\Phi_2^2\,\Phi_1^3$
162462	1977	969	$\frac{13}{323}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{310}{969}$	$\Phi_{969}^3\,\Phi_{57}^3\,\Phi_{51}^3\,\Phi_{19}^2\,\Phi_3^3\,\Phi_1^3$
162463	1977	968	$\frac{41}{968}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{309}{968}$	$\Phi_{968}^2\,\Phi_{484}^2\,\Phi_{242}^2\,\Phi_{121}^2\,\Phi_{88}^2\,\Phi_{44}^3\,\Phi_{22}^3\,\Phi_{11}^3\,\Phi_8^2\,\Phi_4^2\,\Phi_2^2\,\Phi_1^3$
162464	1977	960	$\frac{1}{20}$	$\frac{19}{320}$	$\frac{1}{4}$	$\frac{301}{960}$	$\Phi_{960}^3\,\Phi_{480}^3\,\Phi_{240}^3\,\Phi_{192}^3\,\Phi_{120}^3\,\Phi_{96}^3\,\Phi_{60}^3\,\Phi_{48}^3\,\Phi_{30}^3\,\Phi_{24}^3\,\Phi_{20}^3\,\Phi_{15}^3\,\Phi_{12}^3\,\Phi_{10}^3\,\Phi_6^3\,\Phi_5^3\,\Phi_4^2\,\Phi_3^3\,\Phi_2^2\,\Phi_1^3$
162465	1977	960	$\frac{19}{320}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{301}{960}$	$\Phi_{960}^3\,\Phi_{480}^3\,\Phi_{240}^3\,\Phi_{192}^3\,\Phi_{120}^3\,\Phi_{96}^3\,\Phi_{64}\,\Phi_{60}^3\,\Phi_{48}^3\,\Phi_{32}\,\Phi_{30}^3\,\Phi_{24}^3\,\Phi_{16}\,\Phi_{15}^3\,\Phi_{12}^3\,\Phi_6^3\,\Phi_3^3\,\Phi_1$
162466	1977	855	$\frac{1}{19}$	$\frac{6}{95}$	$\frac{196}{855}$	$\frac{89}{285}$	$\Phi_{855}^3\,\Phi_{171}^3\,\Phi_{95}^3\,\Phi_{45}^3\,\Phi_{19}^2\,\Phi_9^3\,\Phi_5^3\,\Phi_1^3$
162467	1977	780	$\frac{9}{130}$	$\frac{1}{13}$	$\frac{121}{780}$	$\frac{4}{13}$	$\Phi_{780}^3\,\Phi_{390}^3\,\Phi_{260}^3\,\Phi_{195}^3\,\Phi_{156}^3\,\Phi_{78}^3\,\Phi_{60}^3\,\Phi_{52}^3\,\Phi_{39}^3\,\Phi_{30}^3\,\Phi_{20}^3\,\Phi_{15}^3\,\Phi_{13}^2\,\Phi_{12}^3\,\Phi_6^3\,\Phi_4^3\,\Phi_3^3\,\Phi_1^3$
162468	1977	715	$\frac{1}{13}$	$\frac{56}{715}$	$\frac{9}{65}$	$\frac{4}{13}$	$\Phi_{715}^3\,\Phi_{143}^3\,\Phi_{55}^3\,\Phi_{13}^2\,\Phi_{11}^3\,\Phi_1^3$
162469	1977	950	$\frac{1}{19}$	$\frac{77}{950}$	$\frac{18}{95}$	$\frac{291}{950}$	$\Phi_{950}^2\,\Phi_{475}^2\,\Phi_{190}^2\,\Phi_{95}^3\,\Phi_{50}^2\,\Phi_{38}^2\,\Phi_{25}^2\,\Phi_{19}^2\,\Phi_{10}^2\,\Phi_5^3\,\Phi_2^2\,\Phi_1^3$
162470	1977	684	$\frac{25}{684}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{36}$	$\Phi_{684}^3\,\Phi_{342}^3\,\Phi_{228}^3\,\Phi_{171}^3\,\Phi_{114}^3\,\Phi_{76}^3\,\Phi_{57}^3\,\Phi_{38}^3\,\Phi_{19}^3\,\Phi_{12}^3\,\Phi_6^3\,\Phi_4^2\,\Phi_3^3\,\Phi_2^2\,\Phi_1^3$
162471	1977	858	$\frac{1}{26}$	$\frac{25}{286}$	$\frac{199}{858}$	$\frac{87}{286}$	$\Phi_{858}^3\,\Phi_{429}^3\,\Phi_{286}\,\Phi_{143}\,\Phi_{78}^3\,\Phi_{66}^3\,\Phi_{39}^3\,\Phi_{33}^3\,\Phi_{22}\,\Phi_{11}\,\Phi_6^3\,\Phi_3^3\,\Phi_1$
162472	1977	704	$\frac{45}{704}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{19}{64}$	$\Phi_{704}^3\,\Phi_{352}^3\,\Phi_{176}^3\,\Phi_{88}^3\,\Phi_{64}\,\Phi_{44}^3\,\Phi_{32}\,\Phi_{22}^3\,\Phi_{16}\,\Phi_{11}^3\,\Phi_1$
162473	1977	936	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{35}{312}$	$\frac{277}{936}$	$\Phi_{936}^3\,\Phi_{468}^3\,\Phi_{234}^3\,\Phi_{117}^3\,\Phi_{72}^3\,\Phi_{39}^3\,\Phi_{36}^3\,\Phi_{18}^3\,\Phi_{13}^2\,\Phi_9^3\,\Phi_3^3\,\Phi_1^3$
162474	1977	931	$\frac{1}{19}$	$\frac{115}{931}$	$\frac{18}{133}$	$\frac{272}{931}$	$\Phi_{931}^2\,\Phi_{133}^3\,\Phi_{49}^2\,\Phi_{19}^2\,\Phi_7^3\,\Phi_1^3$
162475	1977	924	$\frac{1}{44}$	$\frac{43}{308}$	$\frac{1}{4}$	$\frac{265}{924}$	$\Phi_{924}^3\,\Phi_{462}^3\,\Phi_{231}^3\,\Phi_{132}^3\,\Phi_{84}^3\,\Phi_{66}^3\,\Phi_{44}^3\,\Phi_{42}^3\,\Phi_{33}^3\,\Phi_{22}^3\,\Phi_{21}^3\,\Phi_{12}^3\,\Phi_{11}^3\,\Phi_6^3\,\Phi_4^2\,\Phi_3^3\,\Phi_2^2\,\Phi_1^3$
162476	1977	910	$\frac{1}{26}$	$\frac{25}{182}$	$\frac{157}{910}$	$\frac{251}{910}$	$\Phi_{910}^2\,\Phi_{455}^2\,\Phi_{182}^3\,\Phi_{130}^2\,\Phi_{91}^3\,\Phi_{70}^2\,\Phi_{65}^2\,\Phi_{35}^2\,\Phi_{26}^2\,\Phi_{14}^3\,\Phi_{13}^2\,\Phi_{10}^2\,\Phi_7^3\,\Phi_5^2\,\Phi_2^2\,\Phi_1^3$
162477	1977	900	$\frac{1}{60}$	$\frac{59}{300}$	$\frac{1}{4}$	$\frac{241}{900}$	$\Phi_{900}^3\,\Phi_{450}^3\,\Phi_{225}^3\,\Phi_{180}^3\,\Phi_{90}^3\,\Phi_{60}^3\,\Phi_{45}^3\,\Phi_{36}^3\,\Phi_{30}^3\,\Phi_{20}^3\,\Phi_{18}^3\,\Phi_{15}^3\,\Phi_{12}^3\,\Phi_{10}^3\,\Phi_9^3\,\Phi_6^3\,\Phi_5^3\,\Phi_4^2\,\Phi_3^3\,\Phi_2^2\,\Phi_1^3$
162478	1977	884	$\frac{12}{221}$	$\frac{1}{13}$	$\frac{209}{884}$	$\frac{225}{884}$	$\Phi_{884}^2\,\Phi_{442}^2\,\Phi_{221}^3\,\Phi_{68}^2\,\Phi_{52}^2\,\Phi_{34}^2\,\Phi_{26}^2\,\Phi_{17}^3\,\Phi_{13}^2\,\Phi_4^2\,\Phi_2^2\,\Phi_1^3$
162479	1977	880	$\frac{3}{220}$	$\frac{217}{880}$	$\frac{1}{4}$	$\frac{221}{880}$	$\Phi_{880}^2\,\Phi_{440}^2\,\Phi_{220}^3\,\Phi_{176}^2\,\Phi_{110}^3\,\Phi_{88}^2\,\Phi_{80}^2\,\Phi_{55}^3\,\Phi_{44}^3\,\Phi_{40}^2\,\Phi_{22}^3\,\Phi_{20}^3\,\Phi_{16}^2\,\Phi_{11}^3\,\Phi_{10}^3\,\Phi_8^2\,\Phi_5^3\,\Phi_4^2\,\Phi_2^2\,\Phi_1^3$
162480	1977	820	$\frac{3}{164}$	$\frac{161}{820}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{820}^3\,\Phi_{410}^3\,\Phi_{205}^3\,\Phi_{20}^3\,\Phi_{10}^3\,\Phi_5^3\,\Phi_4^2\,\Phi_2^2\,\Phi_1^3$
162481	1977	672	$\frac{13}{672}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{672}^3\,\Phi_{336}^3\,\Phi_{224}^3\,\Phi_{168}^3\,\Phi_{112}^3\,\Phi_{96}^3\,\Phi_{84}^3\,\Phi_{56}^3\,\Phi_{48}^3\,\Phi_{42}^3\,\Phi_{32}^3\,\Phi_{28}^3\,\Phi_{24}^3\,\Phi_{21}^3\,\Phi_{14}^3\,\Phi_{12}^3\,\Phi_7^3\,\Phi_6^3\,\Phi_4^2\,\Phi_3^3\,\Phi_2^2\,\Phi_1^3$
162482	1977	720	$\frac{1}{20}$	$\frac{61}{720}$	$\frac{19}{80}$	$\frac{1}{4}$	$\Phi_{720}^3\,\Phi_{360}^3\,\Phi_{240}^3\,\Phi_{180}^3\,\Phi_{144}^3\,\Phi_{120}^3\,\Phi_{90}^3\,\Phi_{72}^3\,\Phi_{60}^3\,\Phi_{48}^3\,\Phi_{45}^3\,\Phi_{36}^3\,\Phi_{30}^3\,\Phi_{24}^3\,\Phi_{20}^3\,\Phi_{18}^3\,\Phi_{15}^3\,\Phi_{12}^3\,\Phi_{10}^3\,\Phi_9^3\,\Phi_6^3\,\Phi_5^3\,\Phi_4^2\,\Phi_3^3\,\Phi_2^2\,\Phi_1^3$
162483	1977	864	$\frac{11}{216}$	$\frac{1}{12}$	$\frac{205}{864}$	$\frac{1}{4}$	$\Phi_{864}^3\,\Phi_{432}^3\,\Phi_{288}^3\,\Phi_{144}^3\,\Phi_{96}^3\,\Phi_{48}^3\,\Phi_{32}^3\,\Phi_{16}^3\,\Phi_{12}^3\,\Phi_6^3\,\Phi_4^2\,\Phi_3^3\,\Phi_2^2\,\Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
162484	1977	704	$\frac{45}{704}$	$\frac{3}{44}$	$\frac{41}{176}$	$\frac{1}{4}$	$\Phi_{704}^3\ \Phi_{352}^3\ \Phi_{176}^2\ \Phi_{88}^2\ \Phi_{64}^3\ \Phi_{44}^3\ \Phi_{32}^3\ \Phi_{22}^3\ \Phi_{16}^2\ \Phi_{11}^3\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
162485	1977	840	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{181}{840}$	$\frac{1}{4}$	$\Phi_{840}^3\ \Phi_{420}\ \Phi_{280}^3\ \Phi_{210}^2\ \Phi_{168}^3\ \Phi_{140}\ \Phi_{120}^3\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{56}^3\ \Phi_{42}^2\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{28}\ \Phi_{24}^3\ \Phi_{21}^2\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{14}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
162486	1977	2420	$\frac{3}{44}$	$\frac{41}{484}$	$\frac{443}{2420}$	$\frac{1}{4}$	$\Phi_{2420}\ \Phi_{1210}\ \Phi_{605}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_5\ \Phi_1$
162487	1977	700	$\frac{41}{700}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1}{4}$	$\Phi_{700}^3\ \Phi_{350}^3\ \Phi_{175}^3\ \Phi_{140}^3\ \Phi_{100}\ \Phi_{70}^3\ \Phi_{50}^2\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_7^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
162488	1977	800	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{141}{800}$	$\frac{1}{4}$	$\Phi_{800}^3\ \Phi_{400}^3\ \Phi_{200}^3\ \Phi_{100}^3\ \Phi_{50}^3\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{10}^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
162489	1977	780	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{121}{780}$	$\frac{1}{4}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{260}\ \Phi_{195}^3\ \Phi_{156}^3\ \Phi_{130}^2\ \Phi_{78}^3\ \Phi_{65}^2\ \Phi_{60}^3\ \Phi_{52}\ \Phi_{39}^3\ \Phi_{30}^3\ \Phi_{26}^2\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{13}^2\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
162490	1977	720	$\frac{1}{12}$	$\frac{61}{720}$	$\frac{11}{72}$	$\frac{1}{4}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{120}^3\ \Phi_{90}^3\ \Phi_{80}^3\ \Phi_{60}^3\ \Phi_{48}^3\ \Phi_{45}^3\ \Phi_{40}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3\ \Phi_5^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
162491	1977	700	$\frac{41}{700}$	$\frac{17}{140}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{700}^3\ \Phi_{350}^3\ \Phi_{175}^3\ \Phi_{140}^2\ \Phi_{100}^3\ \Phi_{70}^2\ \Phi_{50}^3\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{25}^3\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
162492	1977	2240	$\frac{17}{280}$	$\frac{263}{2240}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{64}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
162493	1977	756	$\frac{1}{12}$	$\frac{11}{108}$	$\frac{97}{756}$	$\frac{1}{4}$	$\Phi_{756}^3\ \Phi_{378}^3\ \Phi_{252}^3\ \Phi_{189}^3\ \Phi_{126}^3\ \Phi_{84}^3\ \Phi_{63}^3\ \Phi_{42}^3\ \Phi_{28}^3\ \Phi_{21}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_7^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
162494	1977	2560	$\frac{57}{640}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{583}{2560}$	$\Phi_{2560}\ \Phi_{1280}\ \Phi_{512}\ \Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_1$
162495	1977	780	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{121}{780}$	$\frac{35}{156}$	$\Phi_{780}^3\ \Phi_{390}^3\ \Phi_{260}^3\ \Phi_{195}^3\ \Phi_{130}^3\ \Phi_{65}^3\ \Phi_{60}^3\ \Phi_{39}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{15}^3\ \Phi_{13}^2\ \Phi_{10}^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^3$
162496	1977	760	$\frac{1}{19}$	$\frac{101}{760}$	$\frac{18}{95}$	$\frac{77}{380}$	$\Phi_{760}^3\ \Phi_{380}^2\ \Phi_{190}^2\ \Phi_{152}^3\ \Phi_{95}^3\ \Phi_{76}^2\ \Phi_{40}^3\ \Phi_{38}^2\ \Phi_{20}^2\ \Phi_{19}^2\ \Phi_{10}^2\ \Phi_8^3\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
162497	1977	2375	$\frac{1}{19}$	$\frac{77}{475}$	$\frac{398}{2375}$	$\frac{18}{95}$	$\Phi_{2375}\ \Phi_{125}\ \Phi_{95}\ \Phi_5\ \Phi_1$
162498	1977	2240	$\frac{7}{64}$	$\frac{263}{2240}$	$\frac{1}{8}$	$\frac{57}{320}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{112}\ \Phi_{70}\ \Phi_{64}\ \Phi_{56}\ \Phi_{35}\ \Phi_{32}\ \Phi_{28}\ \Phi_{16}\ \Phi_{14}\ \Phi_7\ \Phi_1$
162499	1977	768	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{109}{768}$	$\frac{19}{128}$	$\Phi_{768}^3\ \Phi_{384}^3\ \Phi_{256}^3\ \Phi_{192}^3\ \Phi_{96}^3\ \Phi_{64}\ \Phi_{48}^3\ \Phi_{32}\ \Phi_{24}^3\ \Phi_{16}\ \Phi_{12}^3\ \Phi_6^3\ \Phi_3^3\ \Phi_1$
162500	1978	1974	$\frac{2}{987}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{985}{1974}$	$\Phi_{1974}^2\ \Phi_{658}^2\ \Phi_{282}^2\ \Phi_{94}^2\ \Phi_{42}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162501	1978	1320	$\frac{1}{330}$	$\frac{331}{1320}$	$\frac{1}{3}$	$\frac{329}{660}$	$\Phi_{1320}^2\ \Phi_{440}^2\ \Phi_{330}^2\ \Phi_{264}^2\ \Phi_{165}^2\ \Phi_{120}^2\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{40}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162502	1978	1971	$\frac{7}{1971}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{982}{1971}$	$\Phi_{1971}\ \Phi_{657}\ \Phi_{219}\ \Phi_{73}\ \Phi_{27}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
162503	1978	5910	$\frac{4}{985}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{981}{1970}$	$\Phi_{5910}\ \Phi_{1182}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
162504	1978	1188	$\frac{1}{198}$	$\frac{199}{1188}$	$\frac{1}{3}$	$\frac{197}{396}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{297}^2\ \Phi_{198}^2\ \Phi_{108}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{33}^2\ \Phi_{27}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162505	1978	1968	$\frac{5}{984}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{979}{1968}$	$\Phi_{1968}^2\ \Phi_{656}^2\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162506	1978	1965	$\frac{13}{1965}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{976}{1965}$	$\Phi_{1965}\ \Phi_{655}\ \Phi_{393}\ \Phi_{131}\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
162507	1978	1962	$\frac{8}{981}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{973}{1962}$	$\Phi_{1962}^2\ \Phi_{654}^2\ \Phi_{218}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162508	1978	3300	$\frac{1}{110}$	$\frac{111}{1100}$	$\frac{1}{3}$	$\frac{109}{220}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{825}\ \Phi_{330}\ \Phi_{300}\ \Phi_{165}\ \Phi_{150}\ \Phi_{75}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
162509	1978	5880	$\frac{9}{980}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{971}{1960}$	$\Phi_{5880}\ \Phi_{1176}\ \Phi_{840}\ \Phi_{168}\ \Phi_{120}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
162510	1978	5874	$\frac{10}{979}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{969}{1958}$	$\Phi_{5874}\ \Phi_{534}\ \Phi_{66}\ \Phi_{33}\ \Phi_6$
162511	1978	1080	$\frac{1}{90}$	$\frac{91}{1080}$	$\frac{1}{3}$	$\frac{89}{180}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162512	1978	3740	$\frac{1}{85}$	$\frac{1}{22}$	$\frac{21}{44}$	$\frac{42}{85}$	$\Phi_{3740}\ \Phi_{748}\ \Phi_{340}\ \Phi_{220}\ \Phi_{85}\ \Phi_{68}\ \Phi_{44}^2\ \Phi_{20}\ \Phi_{17}\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
162513	1978	2805	$\frac{1}{85}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{42}{85}$	$\Phi_{2805}\ \Phi_{561}\ \Phi_{255}\ \Phi_{165}\ \Phi_{85}\ \Phi_{51}\ \Phi_{33}^2\ \Phi_{17}\ \Phi_{15}\ \Phi_5\ \Phi_3^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
162514	1978	1950	$\frac{14}{975}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{961}{1950}$	$\Phi_{1950}^2\ \Phi_{650}^2\ \Phi_{390}^2\ \Phi_{150}^2\ \Phi_{130}^2\ \Phi_{78}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162515	1978	1056	$\frac{1}{66}$	$\frac{67}{1056}$	$\frac{1}{3}$	$\frac{65}{132}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{96}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{33}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162516	1978	1947	$\frac{31}{1947}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{958}{1947}$	$\Phi_{1947}\ \Phi_{649}\ \Phi_{177}\ \Phi_{59}\ \Phi_{33}^2\ \Phi_{11}^2\ \Phi_3\ \Phi_1^2$
162517	1978	1944	$\frac{17}{972}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{955}{1944}$	$\Phi_{1944}^2\ \Phi_{648}^2\ \Phi_{216}^2\ \Phi_{72}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162518	1978	5808	$\frac{21}{968}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{947}{1936}$	$\Phi_{5808}\ \Phi_{528}\ \Phi_{66}\ \Phi_{48}\ \Phi_{33}\ \Phi_6$
162519	1978	1260	$\frac{1}{45}$	$\frac{1}{42}$	$\frac{41}{84}$	$\frac{22}{45}$	$\Phi_{1260}^3\ \Phi_{420}^3\ \Phi_{252}^3\ \Phi_{180}^3\ \Phi_{140}^3\ \Phi_{84}^4\ \Phi_{60}^3\ \Phi_{45}\ \Phi_{36}^3\ \Phi_{28}^4\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}^4\ \Phi_9\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
162520	1978	45	$\frac{1}{45}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{22}{45}$	$\Phi_{45}^{44}\ \Phi_{15}^{44}\ \Phi_9^{44}\ \Phi_5^{44}\ \Phi_3^{43}\ \Phi_1^{44}$
162521	1978	315	$\frac{1}{45}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{22}{45}$	$\Phi_{315}^6\ \Phi_{105}^6\ \Phi_{63}^7\ \Phi_{45}^7\ \Phi_{35}^6\ \Phi_{21}^6\ \Phi_{15}^7\ \Phi_9^8\ \Phi_7^6\ \Phi_5^7\ \Phi_3^7\ \Phi_1^8$
162522	1978	2520	$\frac{1}{45}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{22}{45}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_9\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
162523	1978	720	$\frac{1}{45}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{22}{45}$	$\Phi_{720}^3\ \Phi_{360}^3\ \Phi_{240}^3\ \Phi_{180}^3\ \Phi_{144}^3\ \Phi_{120}^3\ \Phi_{80}^3\ \Phi_{72}^3\ \Phi_{60}^3\ \Phi_{48}^4\ \Phi_{45}\ \Phi_{40}^3\ \Phi_{36}^3\ \Phi_{24}^4\ \Phi_{20}^3\ \Phi_{16}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_9\ \Phi_8^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
162524	1978	2205	$\frac{1}{45}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{22}{45}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{441}\ \Phi_{245}\ \Phi_{147}\ \Phi_{49}^2\ \Phi_{45}\ \Phi_{15}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1^2$
162525	1978	168	$\frac{1}{42}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{41}{84}$	$\Phi_{168}^{12}\ \Phi_{84}^{10}\ \Phi_{56}^{12}\ \Phi_{42}^{12}\ \Phi_{28}^{10}\ \Phi_{24}^{14}\ \Phi_{21}^{12}\ \Phi_{14}^{12}\ \Phi_{12}^{12}\ \Phi_8^{14}\ \Phi_7^{12}\ \Phi_6^{14}\ \Phi_4^{12}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
162526	1978	420	$\frac{1}{42}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{41}{84}$	$\Phi_{420}^9\ \Phi_{140}^9\ \Phi_{84}^{10}\ \Phi_{60}^9\ \Phi_{30}^2\ \Phi_{28}^{10}\ \Phi_{20}^9\ \Phi_{15}\ \Phi_{12}^{10}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162527	1978	2100	$\frac{1}{42}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{41}{84}$	$\Phi_{2100}^2\ \Phi_{700}^2\ \Phi_{420}\ \Phi_{300}^2\ \Phi_{140}\ \Phi_{100}^2\ \Phi_{84}^2\ \Phi_{60}\ \Phi_{28}^2\ \Phi_{25}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
162528	1978	756	$\frac{1}{42}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{41}{84}$	$\Phi_{756}^6\ \Phi_{252}^3\ \Phi_{108}^6\ \Phi_{84}^4\ \Phi_{36}^3\ \Phi_{28}^4\ \Phi_{27}^2\ \Phi_{12}^4\ \Phi_9\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
162529	1978	1920	$\frac{29}{960}$	$\frac{1}{30}$	$\frac{1}{3}$	$\frac{931}{1920}$	$\Phi_{1920}^2\ \Phi_{640}^2\ \Phi_{384}^2\ \Phi_{128}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162530	1978	1020	$\frac{31}{1020}$	$\frac{1}{30}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{1020}^2\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{204}^2\ \Phi_{170}^2\ \Phi_{102}^2\ \Phi_{85}^2\ \Phi_{68}^2\ \Phi_{51}^2\ \Phi_{34}^2\ \Phi_{30}^2\ \Phi_{17}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162531	1978	1914	$\frac{1}{33}$	$\frac{32}{957}$	$\frac{1}{3}$	$\frac{925}{1914}$	$\Phi_{1914}^2\ \Phi_{638}^2\ \Phi_{174}^2\ \Phi_{66}^2\ \Phi_{58}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162532	1978	696	$\frac{1}{29}$	$\frac{1}{24}$	$\frac{15}{58}$	$\frac{14}{29}$	$\Phi_{696}^3\ \Phi_{348}^3\ \Phi_{232}^3\ \Phi_{174}^3\ \Phi_{116}^3\ \Phi_{87}^3\ \Phi_{58}\ \Phi_{29}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
162533	1978	132	$\frac{1}{44}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{21}{44}$	$\Phi_{132}^{22}\ \Phi_{66}^{23}\ \Phi_{33}^{23}\ \Phi_{12}^{22}\ \Phi_6^{23}\ \Phi_3^{22}$
162534	1978	1980	$\frac{2}{45}$	$\frac{1}{22}$	$\frac{1}{5}$	$\frac{21}{44}$	$\Phi_{1980}^2\ \Phi_{660}^2\ \Phi_{396}^2\ \Phi_{220}\ \Phi_{180}^2\ \Phi_{132}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_5\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
162535	1978	2244	$\frac{1}{22}$	$\frac{1}{17}$	$\frac{8}{51}$	$\frac{21}{44}$	$\Phi_{2244}^2\ \Phi_{748}\ \Phi_{204}^2\ \Phi_{132}^2\ \Phi_{68}\ \Phi_{51}^2\ \Phi_{44}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
162536	1978	1890	$\frac{1}{45}$	$\frac{44}{945}$	$\frac{1}{3}$	$\frac{901}{1890}$	$\Phi_{1890}^2\ \Phi_{630}^2\ \Phi_{378}^2\ \Phi_{270}^2\ \Phi_{210}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{70}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162537	1978	1881	$\frac{2}{99}$	$\frac{97}{1881}$	$\frac{1}{3}$	$\frac{892}{1881}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{209}\ \Phi_{171}\ \Phi_{99}^2\ \Phi_{57}\ \Phi_{33}^2\ \Phi_{19}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
162538	1978	1008	$\frac{19}{1008}$	$\frac{1}{18}$	$\frac{1}{3}$	$\frac{17}{36}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162539	1978	5610	$\frac{1}{55}$	$\frac{54}{935}$	$\frac{1}{3}$	$\frac{881}{1870}$	$\Phi_{5610}\ \Phi_{1122}\ \Phi_{510}\ \Phi_{330}\ \Phi_{165}\ \Phi_{102}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
162540	1978	1848	$\frac{1}{66}$	$\frac{65}{924}$	$\frac{1}{3}$	$\frac{859}{1848}$	$\Phi_{1848}^2\ \Phi_{616}^2\ \Phi_{264}^2\ \Phi_{168}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{56}^2\ \Phi_{33}^2\ \Phi_{24}^2\ \Phi_{22}^2\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162541	1978	3760	$\frac{1}{47}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{80}$	$\Phi_{3760}\ \Phi_{752}\ \Phi_{188}\ \Phi_{94}$
162542	1978	1815	$\frac{2}{165}$	$\frac{163}{1815}$	$\frac{1}{3}$	$\frac{826}{1815}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{363}\ \Phi_{165}^2\ \Phi_{121}\ \Phi_{55}^2\ \Phi_{33}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
162543	1978	1218	$\frac{1}{87}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	$\Phi_{1218}^3\ \Phi_{406}^3\ \Phi_{174}^3\ \Phi_{87}^2\ \Phi_{58}^3\ \Phi_{42}^2\ \Phi_{29}^2\ \Phi_{14}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162544	1978	1800	$\frac{1}{90}$	$\frac{89}{900}$	$\frac{1}{3}$	$\frac{811}{1800}$	$\Phi_{1800}^2\ \Phi_{600}^2\ \Phi_{360}^2\ \Phi_{200}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
162545	1978	3000	$\frac{11}{1000}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{600}\ \Phi_{375}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{6}$
162546	1978	1782	$\frac{1}{99}$	$\frac{98}{891}$	$\frac{1}{3}$	$\frac{793}{1782}$	$\Phi_{1782}^2\ \Phi_{594}^2\ \Phi_{198}^2\ \Phi_{162}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
162547	1978	5280	$\frac{1}{110}$	$\frac{109}{880}$	$\frac{1}{3}$	$\frac{771}{1760}$	$\Phi_{5280}\ \Phi_{1056}\ \Phi_{480}\ \Phi_{330}\ \Phi_{165}\ \Phi_{96}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
162548	1978	2784	$\frac{1}{87}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	$\Phi_{2784}\ \Phi_{928}\ \Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{116}\ \Phi_{96}\ \Phi_{58}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
162549	1978	3480	$\frac{1}{87}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{40}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{120}\ \Phi_{116}\ \Phi_{58}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
162550	1978	996	$\frac{7}{996}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{996}^2\ \Phi_{498}^2\ \Phi_{332}^2\ \Phi_{249}^2\ \Phi_{166}^2\ \Phi_{83}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
162551	1978	1650	$\frac{1}{165}$	$\frac{164}{825}$	$\frac{1}{3}$	$\frac{661}{1650}$	$\Phi_{1650}^2\ \Phi_{550}^2\ \Phi_{330}^2\ \Phi_{165}^2\ \Phi_{150}^2\ \Phi_{110}^2\ \Phi_{66}^2\ \Phi_{55}^2\ \Phi_{50}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{22}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
162552	1978	1584	$\frac{1}{198}$	$\frac{197}{792}$	$\frac{1}{3}$	$\frac{595}{1584}$	$\Phi_{1584}^2\ \Phi_{528}^2\ \Phi_{198}^2\ \Phi_{176}^2\ \Phi_{144}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
162553	1978	2256	$\frac{1}{47}$	$\frac{5}{48}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2256}\ \Phi_{1128}\ \Phi_{752}\ \Phi_{564}\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{94}$
162554	1978	1044	$\frac{1}{87}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	$\Phi_{1044}^3\ \Phi_{348}^3\ \Phi_{174}^3\ \Phi_{116}^3\ \Phi_{87}^2\ \Phi_{58}^3\ \Phi_{36}^2\ \Phi_{29}^2\ \Phi_{12}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
162555	1978	3102	$\frac{1}{47}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{23}{66}$	$\Phi_{3102}\ \Phi_{1034}\ \Phi_{517}\ \Phi_{282}\ \Phi_{94}$
162556	1978	1485	$\frac{2}{495}$	$\frac{493}{1485}$	$\frac{1}{3}$	$\frac{496}{1485}$	$\Phi_{1485}\ \Phi_{495}^2\ \Phi_{297}\ \Phi_{165}^2\ \Phi_{135}\ \Phi_{99}^2\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{33}^2\ \Phi_{27}\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{1}^2$
162557	1978	1128	$\frac{2}{141}$	$\frac{139}{1128}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1128}^2\ \Phi_{564}^2\ \Phi_{376}^2\ \Phi_{282}^2\ \Phi_{188}^2\ \Phi_{94}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
162558	1978	1008	$\frac{19}{1008}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
162559	1978	360	$\frac{1}{24}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^6\ \Phi_{90}^6\ \Phi_{72}^6\ \Phi_{60}^6\ \Phi_{45}^4\ \Phi_{40}^6\ \Phi_{36}^6\ \Phi_{30}^6\ \Phi_{24}^2\ \Phi_{20}^6\ \Phi_{18}^6\ \Phi_{15}^4\ \Phi_{12}^2\ \Phi_{10}^6\ \Phi_{9}^4\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{5}^4\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
162560	1978	1188	$\frac{1}{99}$	$\frac{199}{1188}$	$\frac{98}{297}$	$\frac{1}{3}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
162561	1978	1476	$\frac{5}{492}$	$\frac{1}{6}$	$\frac{487}{1476}$	$\frac{1}{3}$	$\Phi_{1476}^2\ \Phi_{738}^2\ \Phi_{369}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
162562	1978	1470	$\frac{9}{490}$	$\frac{1}{10}$	$\frac{481}{1470}$	$\frac{1}{3}$	$\Phi_{1470}\ \Phi_{735}\ \Phi_{490}^2\ \Phi_{294}\ \Phi_{245}^2\ \Phi_{210}\ \Phi_{147}\ \Phi_{105}\ \Phi_{98}^2\ \Phi_{70}^2\ \Phi_{49}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
162563	1978	1080	$\frac{1}{45}$	$\frac{91}{1080}$	$\frac{44}{135}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{120}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
162564	1978	1458	$\frac{17}{486}$	$\frac{1}{18}$	$\frac{469}{1458}$	$\frac{1}{3}$	$\Phi_{1458}^2\ \Phi_{729}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
162565	1978	1452	$\frac{21}{484}$	$\frac{1}{22}$	$\frac{463}{1452}$	$\frac{1}{3}$	$\Phi_{1452}\ \Phi_{726}\ \Phi_{484}^2\ \Phi_{363}\ \Phi_{242}^2\ \Phi_{132}\ \Phi_{121}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
162566	1978	504	$\frac{1}{24}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{1}{3}$	$\Phi_{504}^6\ \Phi_{252}^6\ \Phi_{126}^6\ \Phi_{72}^6\ \Phi_{63}^4\ \Phi_{36}^6\ \Phi_{24}^2\ \Phi_{18}^6\ \Phi_{12}^2\ \Phi_{9}^4\ \Phi_{8}^2\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
162567	1978	1026	$\frac{37}{1026}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{1026}^2\ \Phi_{513}^2\ \Phi_{342}^2\ \Phi_{171}^2\ \Phi_{114}^2\ \Phi_{57}^2\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
162568	1978	1440	$\frac{1}{30}$	$\frac{29}{480}$	$\frac{451}{1440}$	$\frac{1}{3}$	$\Phi_{1440}^2\ \Phi_{720}^2\ \Phi_{360}^2\ \Phi_{288}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
162569	1978	132	$\frac{1}{44}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{132}^{12}\ \Phi_{66}^{12}\ \Phi_{44}^{22}\ \Phi_{33}^{11}\ \Phi_{22}^{22}\ \Phi_{12}^{12}\ \Phi_{11}^{20}\ \Phi_{6}^{12}\ \Phi_{4}^{22}\ \Phi_{3}^{10}\ \Phi_{2}^{22}\ \Phi_{1}^{20}$
162570	1978	1386	$\frac{1}{66}$	$\frac{65}{462}$	$\frac{397}{1386}$	$\frac{1}{3}$	$\Phi_{1386}^2\ \Phi_{693}^2\ \Phi_{198}^2\ \Phi_{126}^2\ \Phi_{99}^2\ \Phi_{66}^2\ \Phi_{63}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{18}^2\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
162571	1978	1350	$\frac{1}{90}$	$\frac{89}{450}$	$\frac{361}{1350}$	$\frac{1}{3}$	$\Phi_{1350}^2\ \Phi_{675}^2\ \Phi_{270}^2\ \Phi_{135}^2\ \Phi_{90}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_{9}^2\ \Phi_{6}^2\ \Phi_{5}^2\ \Phi_{3}\ \Phi_{2}^2\ \Phi_{1}^2$
162572	1978	999	$\frac{10}{999}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{999}^2\ \Phi_{333}^2\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_{27}\ \Phi_{9}^2\ \Phi_{3}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
162573	1978	1320	$\frac{1}{110}$	$\frac{109}{440}$	$\frac{331}{1320}$	$\frac{1}{3}$	$\Phi_{1320}\ \Phi_{660}\ \Phi_{440}^2\ \Phi_{330}^2\ \Phi_{264}\ \Phi_{220}^2\ \Phi_{165}^2\ \Phi_{132}\ \Phi_{120}\ \Phi_{110}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{55}^2\ \Phi_{44}^2\ \Phi_{40}^2\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_{10}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162574	1978	1314	$\frac{7}{657}$	$\frac{2}{9}$	$\frac{325}{1314}$	$\frac{1}{3}$	$\Phi_{1314}^2\ \Phi_{657}\ \Phi_{438}^2\ \Phi_{219}\ \Phi_{146}^2\ \Phi_{73}\ \Phi_{18}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162575	1978	1080	$\frac{1}{30}$	$\frac{91}{1080}$	$\frac{29}{120}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{108}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{54}^2\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{27}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162576	1978	1056	$\frac{1}{22}$	$\frac{67}{1056}$	$\frac{21}{88}$	$\frac{1}{3}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{264}\ \Phi_{176}^2\ \Phi_{132}\ \Phi_{96}^2\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162577	1978	1296	$\frac{17}{324}$	$\frac{1}{18}$	$\frac{307}{1296}$	$\frac{1}{3}$	$\Phi_{1296}^2\ \Phi_{648}^2\ \Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162578	1978	90	$\frac{2}{45}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{1}{3}$	$\Phi_{90}^{30}\ \Phi_{45}^{16}\ \Phi_{30}^{26}\ \Phi_{18}^{30}\ \Phi_{15}^{14}\ \Phi_{10}^{26}\ \Phi_9^{16}\ \Phi_6^{26}\ \Phi_5^{14}\ \Phi_3^{13}\ \Phi_2^{26}\ \Phi_1^{14}$
162579	1978	168	$\frac{1}{24}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{1}{3}$	$\Phi_{168}^{11}\ \Phi_{84}^{11}\ \Phi_{56}^{12}\ \Phi_{42}^{12}\ \Phi_{28}^{12}\ \Phi_{24}^{13}\ \Phi_{21}^{12}\ \Phi_{14}^{12}\ \Phi_{12}^{13}\ \Phi_8^{14}\ \Phi_7^{12}\ \Phi_6^{14}\ \Phi_4^{14}\ \Phi_3^{13}\ \Phi_2^{14}\ \Phi_1^{14}$
162580	1978	1260	$\frac{1}{45}$	$\frac{44}{315}$	$\frac{271}{1260}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{28}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162581	1978	1008	$\frac{19}{1008}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162582	1978	225	$\frac{2}{45}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{225}^{10}\ \Phi_{75}^8\ \Phi_{45}^6\ \Phi_{25}^{10}\ \Phi_{15}^5\ \Phi_9^6\ \Phi_5^6\ \Phi_3^4\ \Phi_1^6$
162583	1978	1230	$\frac{5}{246}$	$\frac{1}{6}$	$\frac{241}{1230}$	$\frac{1}{3}$	$\Phi_{1230}^2\ \Phi_{615}^2\ \Phi_{410}^2\ \Phi_{205}^2\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162584	1978	1050	$\frac{61}{1050}$	$\frac{1}{15}$	$\frac{14}{75}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162585	1978	3630	$\frac{1}{22}$	$\frac{21}{242}$	$\frac{221}{1210}$	$\frac{1}{3}$	$\Phi_{3630}\ \Phi_{1815}\ \Phi_{330}\ \Phi_{165}\ \Phi_{66}\ \Phi_{33}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
162586	1978	840	$\frac{1}{24}$	$\frac{2}{21}$	$\frac{19}{105}$	$\frac{1}{3}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{280}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{120}^3\ \Phi_{105}^2\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{40}^3\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{24}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162587	1978	1200	$\frac{1}{30}$	$\frac{29}{240}$	$\frac{211}{1200}$	$\frac{1}{3}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}^2\ \Phi_{300}^2\ \Phi_{200}^2\ \Phi_{150}^2\ \Phi_{100}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162588	1978	48	$\frac{1}{24}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{48}^{46}\ \Phi_{24}^{36}\ \Phi_{16}^{46}\ \Phi_{12}^{36}\ \Phi_8^{36}\ \Phi_6^{38}\ \Phi_4^{36}\ \Phi_3^{37}\ \Phi_2^{38}\ \Phi_1^{38}$
162589	1978	1080	$\frac{1}{18}$	$\frac{91}{1080}$	$\frac{17}{108}$	$\frac{1}{3}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^2\ \Phi_{180}^2\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{40}^2\ \Phi_{30}^2\ \Phi_{24}^2\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162590	1978	1170	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{181}{1170}$	$\frac{1}{3}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{390}^2\ \Phi_{234}^2\ \Phi_{130}^2\ \Phi_{117}^2\ \Phi_{90}^2\ \Phi_{78}^2\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{26}^2\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{10}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162591	1978	135	$\frac{2}{45}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{3}$	$\Phi_{135}^{18}\ \Phi_{45}^{10}\ \Phi_{27}^{14}\ \Phi_{15}^{10}\ \Phi_9^8\ \Phi_5^{10}\ \Phi_3^7\ \Phi_1^8$
162592	1978	1176	$\frac{1}{24}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{392}^2\ \Phi_{294}^2\ \Phi_{196}^2\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162593	1978	1050	$\frac{61}{1050}$	$\frac{1}{10}$	$\frac{9}{70}$	$\frac{1}{3}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{70}^2\ \Phi_{50}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_{10}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162594	1978	1134	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{145}{1134}$	$\frac{1}{3}$	$\Phi_{1134}^2\ \Phi_{567}^2\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{14}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162595	1978	3360	$\frac{9}{140}$	$\frac{1}{10}$	$\frac{131}{1120}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{672}\ \Phi_{480}\ \Phi_{336}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{96}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_6$
162596	1978	630	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{20}{63}$	$\Phi_{630}^6\ \Phi_{315}^3\ \Phi_{126}^6\ \Phi_{90}^6\ \Phi_{63}^4\ \Phi_{45}^3\ \Phi_{30}^2\ \Phi_{18}^6\ \Phi_{15}\ \Phi_{10}^2\ \Phi_9^4\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162597	1978	1575	$\frac{1}{21}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{20}{63}$	$\Phi_{1575}^2\ \Phi_{315}\ \Phi_{225}^2\ \Phi_{63}^2\ \Phi_{45}\ \Phi_{25}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
162598	1978	189	$\frac{1}{21}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{20}{63}$	$\Phi_{189}^{12}\ \Phi_{63}^7\ \Phi_{27}^{14}\ \Phi_{21}^6\ \Phi_9^8\ \Phi_7^6\ \Phi_3^7\ \Phi_1^8$
162599	1978	495	$\frac{2}{45}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{10}{33}$	$\Phi_{495}^4\ \Phi_{165}^3\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{45}^6\ \Phi_{33}^4\ \Phi_{15}^5\ \Phi_{11}^4\ \Phi_9^6\ \Phi_5^5\ \Phi_3^6\ \Phi_1^6$
162600	1978	561	$\frac{1}{17}$	$\frac{1}{11}$	$\frac{8}{51}$	$\frac{10}{33}$	$\Phi_{561}^3\ \Phi_{187}^4\ \Phi_{51}^5\ \Phi_{33}^4\ \Phi_{17}^5\ \Phi_{11}^4\ \Phi_3^6\ \Phi_1^6$
162601	1978	2820	$\frac{1}{47}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{2820}\ \Phi_{1410}\ \Phi_{705}\ \Phi_{564}\ \Phi_{282}\ \Phi_{188}\ \Phi_{141}\ \Phi_{94}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
162602	1978	840	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{7}{30}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{280}^3\ \Phi_{168}^3\ \Phi_{140}^3\ \Phi_{120}^3\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{56}^4\ \Phi_{40}^3\ \Phi_{30}^2\ \Phi_{28}^4\ \Phi_{24}^3\ \Phi_{20}^3\ \Phi_{15}\ \Phi_{12}^3\ \Phi_{10}^2\ \Phi_8^4\ \Phi_6^2\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162603	1978	240	$\frac{1}{15}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{7}{30}$	$\Phi_{240}^9\ \Phi_{120}^9\ \Phi_{80}^9\ \Phi_{60}^9\ \Phi_{48}^{10}\ \Phi_{40}^9\ \Phi_{30}^2\ \Phi_{24}^{10}\ \Phi_{20}^9\ \Phi_{16}^{10}\ \Phi_{15}\ \Phi_{12}^{10}\ \Phi_{10}^2\ \Phi_8^{10}\ \Phi_6^2\ \Phi_5\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162604	1978	1470	$\frac{1}{15}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{7}{30}$	$\Phi_{1470}^2\ \Phi_{735}\ \Phi_{490}^2\ \Phi_{294}^2\ \Phi_{245}\ \Phi_{147}\ \Phi_{98}^2\ \Phi_{49}^2\ \Phi_{30}^2\ \Phi_{15}\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
162605	1978	1400	$\frac{1}{14}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{13}{56}$	$\Phi_{1400}^2\ \Phi_{700}^2\ \Phi_{280}\ \Phi_{200}^2\ \Phi_{140}\ \Phi_{100}^2\ \Phi_{56}^2\ \Phi_{40}\ \Phi_{28}^2\ \Phi_{25}^2\ \Phi_{20}\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
162606	1978	1512	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{13}{56}$	$\Phi_{1512}^2\ \Phi_{756}^2\ \Phi_{504}\ \Phi_{252}\ \Phi_{216}^2\ \Phi_{168}\ \Phi_{108}^2\ \Phi_{84}\ \Phi_{72}\ \Phi_{56}^2\ \Phi_{36}\ \Phi_{28}^2\ \Phi_{27}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_9\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
162607	1978	1200	$\frac{2}{25}$	$\frac{5}{48}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1200}^2\ \Phi_{600}^2\ \Phi_{400}^2\ \Phi_{300}^2\ \Phi_{240}\ \Phi_{200}^2\ \Phi_{120}\ \Phi_{100}^2\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{40}\ \Phi_{25}^2\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
162608	1978	1225	$\frac{2}{25}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{1225}^2\ \Phi_{245}\ \Phi_{49}^2\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
162609	1978	432	$\frac{5}{48}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{1}{6}$	$\Phi_{432}^6\ \Phi_{216}^6\ \Phi_{144}^3\ \Phi_{108}^6\ \Phi_{72}^3\ \Phi_{48}^4\ \Phi_{36}^3\ \Phi_{27}^2\ \Phi_{24}^4\ \Phi_{16}^4\ \Phi_{12}^4\ \Phi_9\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
162610	1978	1323	$\frac{1}{9}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{4}{27}$	$\Phi_{1323}^2\ \Phi_{441}\ \Phi_{147}\ \Phi_{49}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
162611	1979	3784	$\frac{1}{86}$	$\frac{87}{1892}$	$\frac{1805}{3784}$	$\frac{85}{172}$	$\Phi_{3784}\ \Phi_{344}\ \Phi_{172}\ \Phi_{88}\ \Phi_8\ \Phi_4\ \Phi_1$
162612	1979	3864	$\frac{1}{46}$	$\frac{47}{1932}$	$\frac{1885}{3864}$	$\frac{45}{92}$	$\Phi_{3864}\ \Phi_{1288}\ \Phi_{552}\ \Phi_{184}\ \Phi_{168}\ \Phi_{92}\ \Phi_{56}\ \Phi_{24}\ \Phi_8\ \Phi_4\ \Phi_1$
162613	1979	2576	$\frac{1}{46}$	$\frac{47}{644}$	$\frac{597}{2576}$	$\frac{45}{92}$	$\Phi_{2576}\ \Phi_{1288}\ \Phi_{368}\ \Phi_{184}\ \Phi_{112}\ \Phi_{92}\ \Phi_{56}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
162614	1979	2208	$\frac{1}{46}$	$\frac{229}{2208}$	$\frac{47}{276}$	$\frac{45}{92}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{552}\ \Phi_{368}\ \Phi_{184}\ \Phi_{96}\ \Phi_{92}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
162615	1979	3864	$\frac{47}{1932}$	$\frac{1}{23}$	$\frac{22}{69}$	$\frac{1885}{3864}$	$\Phi_{3864}\ \Phi_{1288}\ \Phi_{552}\ \Phi_{184}\ \Phi_{168}\ \Phi_{69}\ \Phi_{56}\ \Phi_{24}\ \Phi_8\ \Phi_3\ \Phi_1$
162616	1979	2668	$\frac{22}{667}$	$\frac{1}{23}$	$\frac{689}{2668}$	$\frac{645}{1334}$	$\Phi_{2668}\ \Phi_{667}\ \Phi_{116}\ \Phi_{92}\ \Phi_{29}\ \Phi_4\ \Phi_1$
162617	1979	3680	$\frac{1}{46}$	$\frac{139}{1840}$	$\frac{45}{184}$	$\frac{1701}{3680}$	$\Phi_{3680}\ \Phi_{736}\ \Phi_{184}\ \Phi_{160}\ \Phi_{92}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
162618	1979	3612	$\frac{1}{86}$	$\frac{173}{1806}$	$\frac{85}{258}$	$\frac{1633}{3612}$	$\Phi_{3612}\ \Phi_{1204}\ \Phi_{516}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{84}\ \Phi_{28}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
162619	1979	2752	$\frac{1}{86}$	$\frac{85}{688}$	$\frac{773}{2752}$	$\frac{603}{1376}$	$\Phi_{2752}\ \Phi_{688}\ \Phi_{344}\ \Phi_{172}\ \Phi_{64}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
162620	1979	3440	$\frac{1}{86}$	$\frac{259}{1720}$	$\frac{85}{344}$	$\frac{1461}{3440}$	$\Phi_{3440}\ \Phi_{688}\ \Phi_{344}\ \Phi_{172}\ \Phi_{80}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
162621	1979	2208	$\frac{1}{46}$	$\frac{229}{2208}$	$\frac{45}{184}$	$\frac{139}{368}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{552}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{96}\ \Phi_{92}\ \Phi_{69}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
162622	1979	3096	$\frac{1}{86}$	$\frac{85}{516}$	$\frac{431}{1548}$	$\frac{1117}{3096}$	$\Phi_{3096}\ \Phi_{1032}\ \Phi_{516}\ \Phi_{344}\ \Phi_{258}\ \Phi_{172}\ \Phi_{129}\ \Phi_{72}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
162623	1979	3036	$\frac{1}{46}$	$\frac{45}{506}$	$\frac{461}{1518}$	$\frac{1057}{3036}$	$\Phi_{3036}\ \Phi_{1012}\ \Phi_{506}\ \Phi_{276}\ \Phi_{253}\ \Phi_{132}\ \Phi_{92}\ \Phi_{44}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_4\ \Phi_1$
162624	1979	2070	$\frac{1}{23}$	$\frac{91}{2070}$	$\frac{22}{69}$	$\frac{47}{138}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{414}\ \Phi_{345}\ \Phi_{230}\ \Phi_{207}\ \Phi_{115}\ \Phi_{90}\ \Phi_{69}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_3\ \Phi_1$
162625	1979	2898	$\frac{1}{23}$	$\frac{47}{966}$	$\frac{919}{2898}$	$\frac{22}{69}$	$\Phi_{2898}\ \Phi_{1449}\ \Phi_{414}\ \Phi_{207}\ \Phi_{126}\ \Phi_{69}\ \Phi_{63}\ \Phi_{18}\ \Phi_9\ \Phi_3\ \Phi_1$
162626	1979	2415	$\frac{1}{23}$	$\frac{47}{483}$	$\frac{436}{2415}$	$\frac{22}{69}$	$\Phi_{2415}\ \Phi_{805}\ \Phi_{345}\ \Phi_{115}\ \Phi_{105}\ \Phi_{69}\ \Phi_{35}\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1$
162627	1979	2208	$\frac{1}{23}$	$\frac{229}{2208}$	$\frac{47}{276}$	$\frac{22}{69}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{552}\ \Phi_{368}\ \Phi_{184}\ \Phi_{96}\ \Phi_{69}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_3\ \Phi_1$
162628	1979	2760	$\frac{1}{46}$	$\frac{139}{920}$	$\frac{45}{184}$	$\frac{781}{2760}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{120}\ \Phi_{92}\ \Phi_{69}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
162629	1980	2964	$\frac{1}{494}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{493}{988}$	$\Phi_{2964}\ \Phi_{988}^2\ \Phi_{228}\ \Phi_{156}\ \Phi_{76}^2\ \Phi_{52}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
162630	1980	3160	$\frac{1}{395}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{197}{395}$	$\Phi_{3160}\ \Phi_{632}\ \Phi_{395}\ \Phi_{79}\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
162631	1980	1645	$\frac{1}{329}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{164}{329}$	$\Phi_{1645}\ \Phi_{329}^2\ \Phi_{235}\ \Phi_{47}^2\ \Phi_{35}\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
162632	1980	3948	$\frac{1}{329}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{164}{329}$	$\Phi_{3948}\ \Phi_{1974}\ \Phi_{564}\ \Phi_{282}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^2\ \Phi_6^2$
162633	1980	1979	$\frac{7}{1979}$	$\frac{331}{1979}$	$\frac{824}{1979}$	$\frac{986}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162634	1980	2644	$\frac{3}{661}$	$\frac{1}{4}$	$\frac{166}{661}$	$\frac{329}{661}$	$\Phi_{2644}\ \Phi_{1322}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
162635	1980	1979	$\frac{9}{1979}$	$\frac{494}{1979}$	$\frac{497}{1979}$	$\frac{985}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162636	1980	3504	$\frac{1}{219}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{109}{219}$	$\Phi_{3504}\ \Phi_{1168}\ \Phi_{219}\ \Phi_{73}\ \Phi_{48}\ \Phi_{16}^2\ \Phi_3\ \Phi_1^2$
162637	1980	876	$\frac{1}{219}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{109}{219}$	$\Phi_{876}^2\ \Phi_{438}^2\ \Phi_{292}^2\ \Phi_{219}^3\ \Phi_{146}^2\ \Phi_{73}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
162638	1980	2973	$\frac{5}{991}$	$\frac{166}{991}$	$\frac{1}{3}$	$\frac{493}{991}$	Φ_{2973}
162639	1980	1773	$\frac{1}{197}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{98}{197}$	$\Phi_{1773}\ \Phi_{591}\ \Phi_{197}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
162640	1980	1182	$\frac{1}{197}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{98}{197}$	$\Phi_{1182}^2\ \Phi_{591}\ \Phi_{394}^2\ \Phi_{197}^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
162641	1980	1979	$\frac{11}{1979}$	$\frac{199}{1979}$	$\frac{890}{1979}$	$\frac{984}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162642	1980	3580	$\frac{1}{179}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{89}{179}$	$\Phi_{3580}\ \Phi_{716}\ \Phi_{179}\ \Phi_{20}^2\ \Phi_4^2\ \Phi_1^2$
162643	1980	2685	$\frac{1}{179}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{89}{179}$	$\Phi_{2685}\ \Phi_{537}\ \Phi_{179}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
162644	1980	3608	$\frac{1}{164}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{163}{328}$	$\Phi_{3608}\ \Phi_{328}^2\ \Phi_{88}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
162645	1980	6888	$\frac{1}{164}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{163}{328}$	$\Phi_{6888}\ \Phi_{168}\ \Phi_{21}$
162646	1980	3608	$\frac{1}{164}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{163}{328}$	$\Phi_{3608}\ \Phi_{328}^2\ \Phi_{88}\ \Phi_{11}\ \Phi_8^2\ \Phi_1^2$
162647	1980	1640	$\frac{1}{164}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{163}{328}$	$\Phi_{1640}^3\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
162648	1980	1979	$\frac{13}{1979}$	$\frac{332}{1979}$	$\frac{549}{1979}$	$\frac{983}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162649	1980	2382	$\frac{3}{397}$	$\frac{1}{6}$	$\frac{100}{397}$	$\frac{197}{397}$	$\Phi_{2382}\ \Phi_{1191}\ \Phi_{794}$
162650	1980	2644	$\frac{5}{661}$	$\frac{111}{661}$	$\frac{1}{4}$	$\frac{328}{661}$	$\Phi_{2644}\ \Phi_{1322}$
162651	1980	3668	$\frac{1}{131}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{65}{131}$	$\Phi_{3668}\ \Phi_{524}\ \Phi_{131}\ \Phi_{28}^2\ \Phi_4^2\ \Phi_1^2$
162652	1980	917	$\frac{1}{131}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{65}{131}$	$\Phi_{917}^2\ \Phi_{131}^3\ \Phi_7^4\ \Phi_1^6$
162653	1980	1572	$\frac{1}{131}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{65}{131}$	$\Phi_{1572}^2\ \Phi_{786}\ \Phi_{524}\ \Phi_{393}\ \Phi_{131}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
162654	1980	1979	$\frac{17}{1979}$	$\frac{296}{1979}$	$\frac{499}{1979}$	$\frac{981}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162655	1980	2973	$\frac{9}{991}$	$\frac{100}{991}$	$\frac{1}{3}$	$\frac{491}{991}$	Φ_{2973}
162656	1980	1853	$\frac{1}{109}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{54}{109}$	$\Phi_{1853}\ \Phi_{109}^2\ \Phi_{17}^2\ \Phi_1^4$
162657	1980	3270	$\frac{1}{109}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{54}{109}$	$\Phi_{3270}\ \Phi_{1635}\ \Phi_{654}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_6^2$
162658	1980	1853	$\frac{1}{109}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{54}{109}$	$\Phi_{1853}\ \Phi_{109}^2\ \Phi_{17}^2\ \Phi_1^4$
162659	1980	3052	$\frac{1}{109}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{54}{109}$	$\Phi_{3052}\ \Phi_{1526}\ \Phi_{28}^2\ \Phi_{14}^2$
162660	1980	1979	$\frac{19}{1979}$	$\frac{111}{1979}$	$\frac{934}{1979}$	$\frac{980}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162661	1980	3724	$\frac{1}{98}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{97}{196}$	$\Phi_{3724}\ \Phi_{532}\ \Phi_{196}^2\ \Phi_{76}\ \Phi_{28}^2\ \Phi_{19}\ \Phi_4^2\ \Phi_1^2$
162662	1980	6468	$\frac{1}{98}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{97}{196}$	$\Phi_{6468}\ \Phi_{924}\ \Phi_{132}\ \Phi_{33}$
162663	1980	3724	$\frac{1}{98}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{97}{196}$	$\Phi_{3724}\ \Phi_{532}\ \Phi_{196}^2\ \Phi_{76}\ \Phi_{28}^2\ \Phi_{19}\ \Phi_4^2\ \Phi_1^2$
162664	1980	2940	$\frac{1}{98}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{97}{196}$	$\Phi_{2940}^2\ \Phi_{980}\ \Phi_{420}^2\ \Phi_{140}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
162665	1980	1979	$\frac{21}{1979}$	$\frac{200}{1979}$	$\frac{593}{1979}$	$\frac{979}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162666	1980	1869	$\frac{1}{89}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{44}{89}$	$\Phi_{1869}\ \Phi_{623}\ \Phi_{267}\ \Phi_{89}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
162667	1980	1068	$\frac{1}{89}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{44}{89}$	$\Phi_{1068}^2\ \Phi_{534}^2\ \Phi_{356}^2\ \Phi_{267}\ \Phi_{178}^2\ \Phi_{89}^2\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
162668	1980	1246	$\frac{1}{89}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{44}{89}$	$\Phi_{1246}^2\ \Phi_{623}\ \Phi_{178}^2\ \Phi_{89}^2\ \Phi_{14}^4\ \Phi_7^2\ \Phi_2^4\ \Phi_1^4$
162669	1980	1979	$\frac{23}{1979}$	$\frac{91}{1979}$	$\frac{944}{1979}$	$\frac{978}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162670	1980	2382	$\frac{5}{397}$	$\frac{1}{6}$	$\frac{67}{397}$	$\frac{196}{397}$	$\Phi_{2382}\ \Phi_{1191}\ \Phi_{794}$
162671	1980	1979	$\frac{25}{1979}$	$\frac{167}{1979}$	$\frac{604}{1979}$	$\frac{977}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162672	1980	1979	$\frac{25}{1979}$	$\frac{329}{1979}$	$\frac{334}{1979}$	$\frac{977}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162673	1980	2210	$\frac{3}{221}$	$\frac{1}{10}$	$\frac{56}{221}$	$\frac{109}{221}$	$\Phi_{2210}\ \Phi_{1105}\ \Phi_{442}\ \Phi_{170}\ \Phi_{130}\ \Phi_{85}\ \Phi_{65}\ \Phi_{34}\ \Phi_{26}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
162674	1980	2644	$\frac{9}{661}$	$\frac{67}{661}$	$\frac{1}{4}$	$\frac{326}{661}$	$\Phi_{2644}\ \Phi_{1322}$
162675	1980	4880	$\frac{7}{488}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{481}{976}$	$\Phi_{4880}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
162676	1980	2317	$\frac{5}{331}$	$\frac{1}{7}$	$\frac{56}{331}$	$\frac{163}{331}$	Φ_{2317}
162677	1980	1885	$\frac{1}{65}$	$\frac{1}{29}$	$\frac{14}{29}$	$\frac{32}{65}$	$\Phi_{1885}\ \Phi_{377}\ \Phi_{145}\ \Phi_{65}^2\ \Phi_{29}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
162678	1980	3120	$\frac{1}{65}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{32}{65}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{624}\ \Phi_{390}\ \Phi_{312}\ \Phi_{240}\ \Phi_{156}\ \Phi_{120}\ \Phi_{78}\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
162679	1980	1885	$\frac{1}{65}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{32}{65}$	$\Phi_{1885}\ \Phi_{377}\ \Phi_{145}\ \Phi_{65}^2\ \Phi_{29}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
162680	1980	2860	$\frac{1}{65}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{32}{65}$	$\Phi_{2860}\ \Phi_{1430}\ \Phi_{572}\ \Phi_{286}\ \Phi_{220}\ \Phi_{110}\ \Phi_{44}^2\ \Phi_{22}^2$
162681	1980	1885	$\frac{1}{65}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{32}{65}$	$\Phi_{1885}\ \Phi_{377}\ \Phi_{145}\ \Phi_{65}^2\ \Phi_{29}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_1^4$
162682	1980	2730	$\frac{1}{65}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{32}{65}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{910}\ \Phi_{546}\ \Phi_{273}\ \Phi_{210}\ \Phi_{182}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
162683	1980	1979	$\frac{31}{1979}$	$\frac{67}{1979}$	$\frac{956}{1979}$	$\frac{974}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162684	1980	1979	$\frac{31}{1979}$	$\frac{274}{1979}$	$\frac{335}{1979}$	$\frac{974}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162685	1980	2172	$\frac{3}{181}$	$\frac{1}{12}$	$\frac{46}{181}$	$\frac{89}{181}$	$\Phi_{2172}\ \Phi_{1086}\ \Phi_{724}\ \Phi_{543}\ \Phi_{362}$
162686	1980	2644	$\frac{11}{661}$	$\frac{56}{661}$	$\frac{1}{4}$	$\frac{325}{661}$	$\Phi_{2644}\ \Phi_{1322}$
162687	1980	1979	$\frac{33}{1979}$	$\frac{164}{1979}$	$\frac{503}{1979}$	$\frac{973}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162688	1980	3776	$\frac{1}{59}$	$\frac{1}{32}$	$\frac{31}{64}$	$\frac{29}{59}$	$\Phi_{3776}\ \Phi_{64}^2\ \Phi_{59}\ \Phi_1^2$
162689	1980	944	$\frac{1}{59}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{29}{59}$	$\Phi_{944}^2\ \Phi_{472}^2\ \Phi_{236}^2\ \Phi_{118}^2\ \Phi_{59}^3\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
162690	1980	708	$\frac{1}{59}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{29}{59}$	$\Phi_{708}^3\ \Phi_{354}^3\ \Phi_{236}^2\ \Phi_{177}^3\ \Phi_{118}^2\ \Phi_{59}^3\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
162691	1980	2360	$\frac{1}{59}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{29}{59}$	$\Phi_{2360}\ \Phi_{1180}\ \Phi_{590}\ \Phi_{295}\ \Phi_{59}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
162692	1980	2973	$\frac{17}{991}$	$\frac{56}{991}$	$\frac{1}{3}$	$\frac{487}{991}$	Φ_{2973}
162693	1980	3780	$\frac{1}{54}$	$\frac{1}{35}$	$\frac{17}{35}$	$\frac{53}{108}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{108}^2\ \Phi_{84}\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
162694	1980	2052	$\frac{1}{54}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{53}{108}$	$\Phi_{2052}^2\ \Phi_{684}^2\ \Phi_{228}^2\ \Phi_{76}^2\ \Phi_{57}$
162695	1980	3780	$\frac{1}{54}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{53}{108}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{108}^2\ \Phi_{84}\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
162696	1980	1404	$\frac{1}{54}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{53}{108}$	$\Phi_{1404}\ \Phi_{702}^2\ \Phi_{468}\ \Phi_{351}^2\ \Phi_{234}^2\ \Phi_{156}\ \Phi_{117}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{13}^2$
162697	1980	3780	$\frac{1}{54}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{53}{108}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{108}^2\ \Phi_{84}\ \Phi_{60}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{12}^2\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
162698	1980	540	$\frac{1}{54}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{53}{108}$	$\Phi_{540}^7\ \Phi_{180}^7\ \Phi_{108}^8\ \Phi_{60}^7\ \Phi_{36}^8\ \Phi_{20}^7\ \Phi_{12}^8\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^8\ \Phi_2^4\ \Phi_1^4$
162699	1980	756	$\frac{1}{54}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{53}{108}$	$\Phi_{756}^5\ \Phi_{252}^5\ \Phi_{108}^6\ \Phi_{84}^5\ \Phi_{36}^6\ \Phi_{28}^5\ \Phi_{12}^6\ \Phi_7^5\ \Phi_4^6\ \Phi_1^6$
162700	1980	1979	$\frac{41}{1979}$	$\frac{101}{1979}$	$\frac{626}{1979}$	$\frac{969}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162701	1980	1979	$\frac{41}{1979}$	$\frac{134}{1979}$	$\frac{505}{1979}$	$\frac{969}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162702	1980	2973	$\frac{21}{991}$	$\frac{46}{991}$	$\frac{1}{3}$	$\frac{485}{991}$	Φ_{2973}
162703	1980	2128	$\frac{3}{133}$	$\frac{1}{16}$	$\frac{34}{133}$	$\frac{65}{133}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{532}\ \Phi_{304}\ \Phi_{266}\ \Phi_{152}\ \Phi_{112}\ \Phi_{76}\ \Phi_{56}\ \Phi_{38}\ \Phi_{28}\ \Phi_{14}$
162704	1980	3784	$\frac{1}{44}$	$\frac{1}{43}$	$\frac{21}{43}$	$\frac{43}{88}$	$\Phi_{3784}\ \Phi_{344}\ \Phi_{88}^2\ \Phi_{43}\ \Phi_8^2\ \Phi_1^2$
162705	1980	6072	$\frac{1}{44}$	$\frac{1}{23}$	$\frac{1}{3}$	$\frac{43}{88}$	$\Phi_{6072}\ \Phi_{552}\ \Phi_{69}$
162706	1980	3784	$\frac{1}{44}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{43}{88}$	$\Phi_{3784}\ \Phi_{344}\ \Phi_{88}^2\ \Phi_{43}\ \Phi_8^2\ \Phi_1^2$
162707	1980	1320	$\frac{1}{44}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{43}{88}$	$\Phi_{1320}^4\ \Phi_{440}^3\ \Phi_{120}^4\ \Phi_{60}\ \Phi_{40}^3\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
162708	1980	1979	$\frac{45}{1979}$	$\frac{92}{1979}$	$\frac{629}{1979}$	$\frac{967}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162709	1980	946	$\frac{1}{43}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{21}{43}$	$\Phi_{946}^2\ \Phi_{473}^2\ \Phi_{86}^2\ \Phi_{43}^3\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_2^4\ \Phi_1^6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
162710	1980	688	$\frac{1}{43}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{21}{43}$	$\Phi_{688}^{3}\ \Phi_{344}^{3}\ \Phi_{172}^{2}\ \Phi_{86}^{2}\ \Phi_{43}^{3}\ \Phi_{16}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
162711	1980	473	$\frac{1}{43}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{21}{43}$	$\Phi_{473}^{4}\ \Phi_{43}^{5}\ \Phi_{11}^{8}\ \Phi_{1}^{10}$
162712	1980	1290	$\frac{1}{43}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{21}{43}$	$\Phi_{1290}^{2}\ \Phi_{645}^{2}\ \Phi_{430}\ \Phi_{258}\ \Phi_{215}\ \Phi_{129}\ \Phi_{43}\ \Phi_{30}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
162713	1980	1979	$\frac{49}{1979}$	$\frac{169}{1979}$	$\frac{362}{1979}$	$\frac{965}{1979}$	$\Phi_{1979}\ \Phi_{1}^{2}$
162714	1980	2189	$\frac{5}{199}$	$\frac{1}{11}$	$\frac{34}{199}$	$\frac{97}{199}$	Φ_{2189}
162715	1980	1979	$\frac{51}{1979}$	$\frac{203}{1979}$	$\frac{296}{1979}$	$\frac{964}{1979}$	$\Phi_{1979}\ \Phi_{1}^{2}$
162716	1980	1406	$\frac{1}{37}$	$\frac{1}{19}$	$\frac{19}{74}$	$\frac{18}{37}$	$\Phi_{1406}^{2}\ \Phi_{703}\ \Phi_{38}^{2}$
162717	1980	2317	$\frac{9}{331}$	$\frac{34}{331}$	$\frac{1}{7}$	$\frac{161}{331}$	Φ_{2317}
162718	1980	2172	$\frac{5}{181}$	$\frac{1}{12}$	$\frac{31}{181}$	$\frac{88}{181}$	$\Phi_{2172}\ \Phi_{1086}\ \Phi_{724}\ \Phi_{543}\ \Phi_{362}$
162719	1980	2382	$\frac{11}{397}$	$\frac{34}{397}$	$\frac{1}{6}$	$\frac{193}{397}$	$\Phi_{2382}\ \Phi_{1191}\ \Phi_{794}$
162720	1980	1979	$\frac{55}{1979}$	$\frac{164}{1979}$	$\frac{339}{1979}$	$\frac{962}{1979}$	$\Phi_{1979}\ \Phi_{1}^{2}$
162721	1980	1995	$\frac{1}{35}$	$\frac{2}{57}$	$\frac{1}{3}$	$\frac{17}{35}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{285}\ \Phi_{133}\ \Phi_{95}\ \Phi_{57}^{2}\ \Phi_{35}\ \Phi_{19}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
162722	1980	2835	$\frac{1}{35}$	$\frac{1}{27}$	$\frac{26}{81}$	$\frac{17}{35}$	$\Phi_{2835}\ \Phi_{567}\ \Phi_{405}\ \Phi_{81}^{2}\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
162723	1980	2520	$\frac{1}{35}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{17}{35}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}^{2}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{36}^{2}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{12}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
162724	1980	945	$\frac{1}{35}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{17}{35}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{135}^{2}\ \Phi_{105}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{35}^{3}\ \Phi_{27}^{4}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{4}\ \Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
162725	1980	420	$\frac{1}{35}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{17}{35}$	$\Phi_{420}^{5}\ \Phi_{210}^{4}\ \Phi_{140}^{5}\ \Phi_{105}^{4}\ \Phi_{84}^{5}\ \Phi_{70}^{4}\ \Phi_{60}^{5}\ \Phi_{42}^{4}\ \Phi_{35}^{5}\ \Phi_{30}^{4}\ \Phi_{28}^{5}\ \Phi_{21}^{4}\ \Phi_{20}^{5}\ \Phi_{15}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{10}\ \Phi_{10}^{4}\ \Phi_{7}^{5}\ \Phi_{6}^{8}\ \Phi_{5}^{5}\ \Phi_{4}^{10}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
162726	1980	315	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{17}{35}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{63}^{7}\ \Phi_{45}^{6}\ \Phi_{35}^{7}\ \Phi_{21}^{7}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{8}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
162727	1980	2644	$\frac{19}{661}$	$\frac{34}{661}$	$\frac{1}{4}$	$\frac{321}{661}$	$\Phi_{2644}\ \Phi_{1322}$
162728	1980	1979	$\frac{57}{1979}$	$\frac{98}{1979}$	$\frac{509}{1979}$	$\frac{961}{1979}$	$\Phi_{1979}\ \Phi_{1}^{2}$
162729	1980	2973	$\frac{29}{991}$	$\frac{34}{991}$	$\frac{1}{3}$	$\frac{481}{991}$	Φ_{2973}
162730	1980	1979	$\frac{61}{1979}$	$\frac{68}{1979}$	$\frac{637}{1979}$	$\frac{959}{1979}$	$\Phi_{1979}\ \Phi_{1}^{2}$
162731	1980	1979	$\frac{61}{1979}$	$\frac{149}{1979}$	$\frac{340}{1979}$	$\frac{959}{1979}$	$\Phi_{1979}\ \Phi_{1}^{2}$
162732	1980	5952	$\frac{1}{32}$	$\frac{1}{31}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{5952}\ \Phi_{93}$
162733	1980	3776	$\frac{1}{32}$	$\frac{2}{59}$	$\frac{19}{59}$	$\frac{31}{64}$	$\Phi_{3776}\ \Phi_{64}^{2}\ \Phi_{59}\ \Phi_{1}^{2}$
162734	1980	1344	$\frac{1}{32}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{31}{64}$	$\Phi_{1344}^{3}\ \Phi_{448}^{3}\ \Phi_{192}^{3}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_{6}$
162735	1980	3776	$\frac{1}{32}$	$\frac{3}{59}$	$\frac{14}{59}$	$\frac{31}{64}$	$\Phi_{3776}\ \Phi_{64}^{2}\ \Phi_{59}\ \Phi_{1}^{2}$
162736	1980	320	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{31}{64}$	$\Phi_{320}^{15}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
162737	1980	3776	$\frac{1}{32}$	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{31}{64}$	$\Phi_{3776}\ \Phi_{64}^{2}\ \Phi_{59}\ \Phi_{1}^{2}$
162738	1980	2496	$\frac{1}{32}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{31}{64}$	$\Phi_{2496}^{2}\ \Phi_{832}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}$
162739	1980	3776	$\frac{1}{32}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{31}{64}$	$\Phi_{3776}\ \Phi_{64}^{2}\ \Phi_{59}\ \Phi_{1}^{2}$
162740	1980	4928	$\frac{1}{32}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{31}{64}$	$\Phi_{4928}\ \Phi_{77}$
162741	1980	2644	$\frac{21}{661}$	$\frac{31}{661}$	$\frac{1}{4}$	$\frac{320}{661}$	$\Phi_{2644}\ \Phi_{1322}$
162742	1980	2958	$\frac{1}{34}$	$\frac{1}{29}$	$\frac{1}{3}$	$\frac{14}{29}$	$\Phi_{2958}\ \Phi_{1479}\ \Phi_{174}\ \Phi_{102}^{2}\ \Phi_{51}^{2}\ \Phi_{6}^{2}$
162743	1980	1885	$\frac{2}{65}$	$\frac{1}{29}$	$\frac{21}{65}$	$\frac{14}{29}$	$\Phi_{1885}\ \Phi_{377}\ \Phi_{145}\ \Phi_{65}^{2}\ \Phi_{29}^{2}\ \Phi_{13}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
162744	1980	2668	$\frac{1}{29}$	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{2668}\ \Phi_{1334}\ \Phi_{92}^{2}\ \Phi_{46}^{2}$
162745	1980	1015	$\frac{1}{29}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{14}{29}$	$\Phi_{1015}^{2}\ \Phi_{203}^{2}\ \Phi_{145}\ \Phi_{35}^{4}\ \Phi_{29}^{2}\ \Phi_{7}^{4}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
162746	1980	377	$\frac{1}{29}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{14}{29}$	$\Phi_{377}^{5}\ \Phi_{29}^{6}\ \Phi_{13}^{10}\ \Phi_{1}^{12}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
162747	1980	2436	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{14}{29}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{812}\ \Phi_{609}\ \Phi_{406}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2$
162748	1980	1979	$\frac{73}{1979}$	$\frac{114}{1979}$	$\frac{373}{1979}$	$\frac{953}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162749	1980	2128	$\frac{5}{133}$	$\frac{1}{16}$	$\frac{23}{133}$	$\frac{64}{133}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{532}\ \Phi_{304}\ \Phi_{266}\ \Phi_{152}\ \Phi_{112}\ \Phi_{76}\ \Phi_{56}\ \Phi_{38}\ \Phi_{28}\ \Phi_{14}$
162750	1980	2210	$\frac{9}{221}$	$\frac{1}{10}$	$\frac{23}{221}$	$\frac{106}{221}$	$\Phi_{2210}\ \Phi_{1105}\ \Phi_{442}\ \Phi_{170}\ \Phi_{130}\ \Phi_{85}\ \Phi_{65}\ \Phi_{34}\ \Phi_{26}$
162751	1980	1979	$\frac{81}{1979}$	$\frac{197}{1979}$	$\frac{206}{1979}$	$\frac{949}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162752	1980	3990	$\frac{4}{95}$	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{91}{190}$	$\Phi_{3990}\ \Phi_{1330}\ \Phi_{798}\ \Phi_{570}\ \Phi_{266}\ \Phi_{210}\ \Phi_{114}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{14}\ \Phi_6$
162753	1980	2382	$\frac{17}{397}$	$\frac{23}{397}$	$\frac{1}{6}$	$\frac{190}{397}$	$\Phi_{2382}\ \Phi_{1191}\ \Phi_{794}$
162754	1980	1979	$\frac{85}{1979}$	$\frac{109}{1979}$	$\frac{344}{1979}$	$\frac{947}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162755	1980	2644	$\frac{23}{661}$	$\frac{29}{661}$	$\frac{1}{4}$	$\frac{316}{661}$	$\Phi_{2644}\ \Phi_{1322}$
162756	1980	1979	$\frac{47}{1979}$	$\frac{89}{1979}$	$\frac{644}{1979}$	$\frac{945}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162757	1980	1979	$\frac{89}{1979}$	$\frac{94}{1979}$	$\frac{377}{1979}$	$\frac{945}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162758	1980	966	$\frac{1}{46}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{10}{21}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{138}^3\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{42}^2\ \Phi_{23}^2\ \Phi_{14}^2\ \Phi_6^3\ \Phi_2^2$
162759	1980	1869	$\frac{2}{89}$	$\frac{1}{21}$	$\frac{29}{89}$	$\frac{10}{21}$	$\Phi_{1869}\ \Phi_{623}\ \Phi_{267}\ \Phi_{89}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
162760	1980	2604	$\frac{1}{31}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{10}{21}$	$\Phi_{2604}\ \Phi_{1302}\ \Phi_{868}\ \Phi_{434}\ \Phi_{372}\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{62}^2$
162761	1980	1869	$\frac{4}{89}$	$\frac{1}{21}$	$\frac{17}{89}$	$\frac{10}{21}$	$\Phi_{1869}\ \Phi_{623}\ \Phi_{267}\ \Phi_{89}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
162762	1980	798	$\frac{1}{21}$	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{10}{21}$	$\Phi_{798}^3\ \Phi_{399}^2\ \Phi_{266}^3\ \Phi_{133}^2\ \Phi_{114}^4\ \Phi_{57}^3\ \Phi_{38}^4\ \Phi_{19}^2$
162763	1980	1869	$\frac{1}{21}$	$\frac{5}{89}$	$\frac{14}{89}$	$\frac{10}{21}$	$\Phi_{1869}\ \Phi_{623}\ \Phi_{267}\ \Phi_{89}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
162764	1980	336	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{10}{21}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^7\ \Phi_{84}^6\ \Phi_{56}^7\ \Phi_{48}^6\ \Phi_{42}^6\ \Phi_{28}^7\ \Phi_{24}^6\ \Phi_{16}^6\ \Phi_{14}^7\ \Phi_{12}^6\ \Phi_8^6\ \Phi_6^6\ \Phi_4^6\ \Phi_2^6$
162765	1980	1869	$\frac{1}{21}$	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{10}{21}$	$\Phi_{1869}\ \Phi_{623}\ \Phi_{267}\ \Phi_{89}^2\ \Phi_{21}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
162766	1980	2310	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{10}{21}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{385}\ \Phi_{330}\ \Phi_{165}\ \Phi_{154}\ \Phi_{110}^2\ \Phi_{66}\ \Phi_{55}^2\ \Phi_{22}^2$
162767	1980	2074	$\frac{1}{34}$	$\frac{3}{61}$	$\frac{16}{61}$	$\frac{29}{61}$	$\Phi_{2074}\ \Phi_{1037}\ \Phi_{122}$
162768	1980	2172	$\frac{9}{181}$	$\frac{1}{12}$	$\frac{19}{181}$	$\frac{86}{181}$	$\Phi_{2172}\ \Phi_{1086}\ \Phi_{724}\ \Phi_{543}\ \Phi_{362}$
162769	1980	840	$\frac{1}{21}$	$\frac{1}{20}$	$\frac{7}{40}$	$\frac{19}{40}$	$\Phi_{840}^2\ \Phi_{420}^3\ \Phi_{280}^2\ \Phi_{210}^3\ \Phi_{168}^2\ \Phi_{140}^3\ \Phi_{120}^2\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{56}^2\ \Phi_{42}^3\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}^3\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{15}^3\ \Phi_{14}^3\ \Phi_{12}^3\ \Phi_7^2\ \Phi_6^3\ \Phi_3^2$
162770	1980	1979	$\frac{101}{1979}$	$\frac{161}{1979}$	$\frac{208}{1979}$	$\frac{939}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162771	1980	931	$\frac{1}{49}$	$\frac{1}{19}$	$\frac{16}{49}$	$\frac{9}{19}$	$\Phi_{931}^2\ \Phi_{133}^2\ \Phi_{49}^4\ \Phi_{19}^3\ \Phi_7^4\ \Phi_1^6$
162772	1980	1292	$\frac{1}{34}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{1292}^2\ \Phi_{646}\ \Phi_{323}\ \Phi_{76}\ \Phi_{68}^4\ \Phi_{34}^2\ \Phi_{19}\ \Phi_{17}^2\ \Phi_4^2\ \Phi_1^2$
162773	1980	665	$\frac{1}{19}$	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{9}{19}$	$\Phi_{665}^3\ \Phi_{133}^2\ \Phi_{95}^3\ \Phi_{35}^6\ \Phi_{19}^3\ \Phi_7^4\ \Phi_5^6\ \Phi_1^6$
162774	1980	304	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{5}{38}$	$\frac{9}{19}$	$\Phi_{304}^7\ \Phi_{152}^7\ \Phi_{76}^7\ \Phi_{38}^3\ \Phi_{19}^4\ \Phi_{16}^6\ \Phi_8^6\ \Phi_4^6\ \Phi_2^2\ \Phi_1^4$
162775	1980	2128	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{9}{19}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{532}\ \Phi_{304}\ \Phi_{152}\ \Phi_{112}^2\ \Phi_{76}\ \Phi_{56}^2\ \Phi_{28}^2\ \Phi_{19}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
162776	1980	931	$\frac{1}{19}$	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{9}{19}$	$\Phi_{931}^2\ \Phi_{133}^2\ \Phi_{49}^4\ \Phi_{19}^3\ \Phi_7^4\ \Phi_1^6$
162777	1980	1140	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{19}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{285}^2\ \Phi_{228}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}^4\ \Phi_{57}\ \Phi_{30}^4\ \Phi_{20}^4\ \Phi_{19}\ \Phi_{15}^4\ \Phi_{12}^2\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
162778	1980	2382	$\frac{19}{397}$	$\frac{21}{397}$	$\frac{1}{6}$	$\frac{188}{397}$	$\Phi_{2382}\ \Phi_{1191}\ \Phi_{794}$
162779	1980	2093	$\frac{1}{23}$	$\frac{5}{91}$	$\frac{16}{91}$	$\frac{43}{91}$	$\Phi_{2093}\ \Phi_{299}\ \Phi_{161}$
162780	1980	1979	$\frac{95}{1979}$	$\frac{111}{1979}$	$\frac{314}{1979}$	$\frac{934}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162781	1980	3848	$\frac{1}{37}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{49}{104}$	$\Phi_{3848}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}$
162782	1980	520	$\frac{3}{52}$	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{49}{104}$	$\Phi_{520}^8\ \Phi_{130}\ \Phi_{104}^4\ \Phi_{65}\ \Phi_{40}^8\ \Phi_{26}\ \Phi_8^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
162783	1980	2856	$\frac{1}{56}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{8}{17}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{408}\ \Phi_{357}\ \Phi_{204}\ \Phi_{168}^2\ \Phi_{102}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{12}^2\ \Phi_{6}^2$
162784	1980	1853	$\frac{4}{109}$	$\frac{1}{17}$	$\frac{21}{109}$	$\frac{8}{17}$	$\Phi_{1853}\ \Phi_{109}^2\ \Phi_{17}^2\ \Phi_{1}^4$
162785	1980	2346	$\frac{1}{23}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{8}{17}$	$\Phi_{2346}\ \Phi_{1173}\ \Phi_{782}\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2$
162786	1980	1190	$\frac{1}{17}$	$\frac{9}{119}$	$\frac{1}{10}$	$\frac{8}{17}$	$\Phi_{1190}^2\ \Phi_{595}^2\ \Phi_{238}^2\ \Phi_{170}\ \Phi_{85}\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{34}\ \Phi_{14}^2$
162787	1980	1853	$\frac{1}{17}$	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{8}{17}$	$\Phi_{1853}\ \Phi_{109}^2\ \Phi_{17}^2\ \Phi_{1}^4$
162788	1980	2244	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{8}{17}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{561}\ \Phi_{374}\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2$
162789	1980	2172	$\frac{11}{181}$	$\frac{1}{12}$	$\frac{16}{181}$	$\frac{85}{181}$	$\Phi_{2172}\ \Phi_{1086}\ \Phi_{724}\ \Phi_{543}\ \Phi_{362}$
162790	1980	1979	$\frac{35}{1979}$	$\frac{121}{1979}$	$\frac{648}{1979}$	$\frac{929}{1979}$	$\Phi_{1979}\ \Phi_{1}^2$
162791	1980	1979	$\frac{121}{1979}$	$\frac{164}{1979}$	$\frac{175}{1979}$	$\frac{929}{1979}$	$\Phi_{1979}\ \Phi_{1}^2$
162792	1980	2560	$\frac{17}{512}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{15}{32}$	$\Phi_{2560}\ \Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
162793	1980	2317	$\frac{16}{331}$	$\frac{21}{331}$	$\frac{1}{7}$	$\frac{155}{331}$	Φ_{2317}
162794	1980	1979	$\frac{74}{1979}$	$\frac{127}{1979}$	$\frac{351}{1979}$	$\frac{926}{1979}$	$\Phi_{1979}\ \Phi_{1}^2$
162795	1980	310	$\frac{1}{31}$	$\frac{2}{31}$	$\frac{1}{5}$	$\frac{29}{62}$	$\Phi_{310}^{15}\ \Phi_{155}\ \Phi_{10}^{15}$
162796	1980	2644	$\frac{16}{661}$	$\frac{43}{661}$	$\frac{1}{4}$	$\frac{309}{661}$	$\Phi_{2644}\ \Phi_{1322}$
162797	1980	1979	$\frac{44}{1979}$	$\frac{129}{1979}$	$\frac{527}{1979}$	$\frac{925}{1979}$	$\Phi_{1979}\ \Phi_{1}^2$
162798	1980	2973	$\frac{16}{991}$	$\frac{65}{991}$	$\frac{1}{3}$	$\frac{463}{991}$	Φ_{2973}
162799	1980	690	$\frac{1}{46}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{690}^3\ \Phi_{345}^3\ \Phi_{230}^3\ \Phi_{138}^3\ \Phi_{115}^3\ \Phi_{69}^3\ \Phi_{46}^2\ \Phi_{30}^3\ \Phi_{23}^2\ \Phi_{10}^3\ \Phi_{6}^3\ \Phi_{2}^2$
162800	1980	1979	$\frac{32}{1979}$	$\frac{133}{1979}$	$\frac{649}{1979}$	$\frac{923}{1979}$	$\Phi_{1979}\ \Phi_{1}^2$
162801	1980	5628	$\frac{1}{67}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{5628}\ \Phi_{804}\ \Phi_{201}$
162802	1980	3668	$\frac{2}{131}$	$\frac{1}{14}$	$\frac{43}{131}$	$\frac{13}{28}$	$\Phi_{3668}\ \Phi_{524}\ \Phi_{131}\ \Phi_{28}^2\ \Phi_{4}^2\ \Phi_{1}^2$
162803	1980	1260	$\frac{1}{45}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{1260}\ \Phi_{630}^2\ \Phi_{420}\ \Phi_{315}^2\ \Phi_{252}\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{126}^2\ \Phi_{105}^2\ \Phi_{90}^3\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{63}^2\ \Phi_{60}^2\ \Phi_{45}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{35}^2\ \Phi_{30}^3\ \Phi_{21}^2\ \Phi_{20}^2\ \Phi_{18}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_{9}^2\ \Phi_{6}^3\ \Phi_{5}^2\ \Phi_{3}^2$
162804	1980	3668	$\frac{3}{131}$	$\frac{1}{14}$	$\frac{32}{131}$	$\frac{13}{28}$	$\Phi_{3668}\ \Phi_{524}\ \Phi_{131}\ \Phi_{28}^2\ \Phi_{4}^2\ \Phi_{1}^2$
162805	1980	2380	$\frac{1}{34}$	$\frac{1}{14}$	$\frac{1}{5}$	$\frac{13}{28}$	$\Phi_{2380}^2\ \Phi_{340}^2\ \Phi_{170}\ \Phi_{140}\ \Phi_{85}\ \Phi_{20}\ \Phi_{10}$
162806	1980	3668	$\frac{5}{131}$	$\frac{1}{14}$	$\frac{21}{131}$	$\frac{13}{28}$	$\Phi_{3668}\ \Phi_{524}\ \Phi_{131}\ \Phi_{28}^2\ \Phi_{4}^2\ \Phi_{1}^2$
162807	1980	644	$\frac{1}{23}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{13}{28}$	$\Phi_{644}^6\ \Phi_{161}\ \Phi_{92}^6$
162808	1980	3668	$\frac{1}{14}$	$\frac{10}{131}$	$\frac{11}{131}$	$\frac{13}{28}$	$\Phi_{3668}\ \Phi_{524}\ \Phi_{131}\ \Phi_{28}^2\ \Phi_{4}^2\ \Phi_{1}^2$
162809	1980	1092	$\frac{1}{14}$	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{13}{28}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{156}^3\ \Phi_{91}^2\ \Phi_{78}^3\ \Phi_{52}^2\ \Phi_{39}^3\ \Phi_{26}^3\ \Phi_{13}^2$
162810	1980	1979	$\frac{59}{1979}$	$\frac{145}{1979}$	$\frac{384}{1979}$	$\frac{917}{1979}$	$\Phi_{1979}\ \Phi_{1}^2$
162811	1980	2077	$\frac{1}{31}$	$\frac{5}{67}$	$\frac{12}{67}$	$\frac{31}{67}$	Φ_{2077}
162812	1980	1979	$\frac{71}{1979}$	$\frac{151}{1979}$	$\frac{318}{1979}$	$\frac{914}{1979}$	$\Phi_{1979}\ \Phi_{1}^2$
162813	1980	1196	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{6}{13}$	$\Phi_{1196}^2\ \Phi_{598}^2\ \Phi_{299}\ \Phi_{92}^2\ \Phi_{46}^2$
162814	1980	1170	$\frac{7}{117}$	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{6}{13}$	$\Phi_{1170}^2\ \Phi_{585}^2\ \Phi_{390}^2\ \Phi_{234}^2\ \Phi_{195}^2\ \Phi_{130}\ \Phi_{90}^2\ \Phi_{78}^2\ \Phi_{65}\ \Phi_{45}^2\ \Phi_{30}^2\ \Phi_{26}\ \Phi_{18}^2\ \Phi_{15}^2\ \Phi_{6}^2$
162815	1980	510	$\frac{1}{17}$	$\frac{4}{51}$	$\frac{1}{10}$	$\frac{47}{102}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{170}^5\ \Phi_{85}^5\ \Phi_{51}^4\ \Phi_{34}\ \Phi_{30}^4\ \Phi_{17}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_{5}^4\ \Phi_{3}^4\ \Phi_{1}^4$
162816	1980	2072	$\frac{1}{56}$	$\frac{3}{37}$	$\frac{10}{37}$	$\frac{17}{37}$	$\Phi_{2072}\ \Phi_{1036}\ \Phi_{518}\ \Phi_{296}\ \Phi_{259}\ \Phi_{148}\ \Phi_{74}$
162817	1980	703	$\frac{1}{19}$	$\frac{3}{37}$	$\frac{4}{37}$	$\frac{17}{37}$	$\Phi_{703}^3\ \Phi_{19}^2$
162818	1980	1979	$\frac{107}{1979}$	$\frac{161}{1979}$	$\frac{208}{1979}$	$\frac{909}{1979}$	$\Phi_{1979}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
162819	1980	2074	$\frac{1}{34}$	$\frac{5}{61}$	$\frac{11}{61}$	$\frac{28}{61}$	$\Phi_{2074}\ \Phi_{1037}\ \Phi_{122}$
162820	1980	1979	$\frac{119}{1979}$	$\frac{163}{1979}$	$\frac{186}{1979}$	$\frac{908}{1979}$	$\Phi_{1979}\ \Phi_{1}^{2}$
162821	1980	2128	$\frac{1}{16}$	$\frac{11}{133}$	$\frac{12}{133}$	$\frac{61}{133}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{532}\ \Phi_{304}\ \Phi_{266}\ \Phi_{152}\ \Phi_{112}\ \Phi_{76}\ \Phi_{56}\ \Phi_{38}\ \Phi_{28}\ \Phi_{14}$
162822	1980	1979	$\frac{120}{1979}$	$\frac{169}{1979}$	$\frac{179}{1979}$	$\frac{905}{1979}$	$\Phi_{1979}\ \Phi_{1}^{2}$
162823	1980	2189	$\frac{12}{199}$	$\frac{17}{199}$	$\frac{1}{11}$	$\frac{91}{199}$	Φ_{2189}
162824	1980	2210	$\frac{12}{221}$	$\frac{19}{221}$	$\frac{1}{10}$	$\frac{101}{221}$	$\Phi_{2210}\ \Phi_{1105}\ \Phi_{442}\ \Phi_{170}\ \Phi_{130}\ \Phi_{85}\ \Phi_{65}\ \Phi_{34}\ \Phi_{26}$
162825	1980	1979	$\frac{98}{1979}$	$\frac{171}{1979}$	$\frac{215}{1979}$	$\frac{904}{1979}$	$\Phi_{1979}\ \Phi_{1}^{2}$
162826	1980	2317	$\frac{12}{331}$	$\frac{29}{331}$	$\frac{1}{7}$	$\frac{151}{331}$	Φ_{2317}
162827	1980	2382	$\frac{12}{397}$	$\frac{35}{397}$	$\frac{1}{6}$	$\frac{181}{397}$	$\Phi_{2382}\ \Phi_{1191}\ \Phi_{794}$
162828	1980	1979	$\frac{54}{1979}$	$\frac{175}{1979}$	$\frac{359}{1979}$	$\frac{902}{1979}$	$\Phi_{1979}\ \Phi_{1}^{2}$
162829	1980	2644	$\frac{12}{661}$	$\frac{59}{661}$	$\frac{1}{4}$	$\frac{301}{661}$	$\Phi_{2644}\ \Phi_{1322}$
162830	1980	1979	$\frac{32}{1979}$	$\frac{177}{1979}$	$\frac{539}{1979}$	$\frac{901}{1979}$	$\Phi_{1979}\ \Phi_{1}^{2}$
162831	1980	1979	$\frac{49}{1979}$	$\frac{177}{1979}$	$\frac{386}{1979}$	$\frac{901}{1979}$	$\Phi_{1979}\ \Phi_{1}^{2}$
162832	1980	1979	$\frac{98}{1979}$	$\frac{177}{1979}$	$\frac{209}{1979}$	$\frac{901}{1979}$	$\Phi_{1979}\ \Phi_{1}^{2}$
162833	1980	2973	$\frac{12}{991}$	$\frac{89}{991}$	$\frac{1}{3}$	$\frac{451}{991}$	Φ_{2973}
162834	1980	902	$\frac{1}{82}$	$\frac{1}{11}$	$\frac{27}{82}$	$\frac{5}{11}$	$\Phi_{902}^{2}\ \Phi_{451}^{2}\ \Phi_{82}^{4}\ \Phi_{41}^{4}\ \Phi_{22}^{2}\ \Phi_{11}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
162835	1980	616	$\frac{1}{56}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{5}{11}$	$\Phi_{616}^{3}\ \Phi_{308}^{3}\ \Phi_{154}^{3}\ \Phi_{88}^{3}\ \Phi_{77}^{3}\ \Phi_{56}^{6}\ \Phi_{44}^{2}\ \Phi_{28}^{6}\ \Phi_{22}^{2}\ \Phi_{14}^{6}\ \Phi_{11}^{3}\ \Phi_{8}^{6}\ \Phi_{7}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
162836	1980	451	$\frac{1}{41}$	$\frac{1}{11}$	$\frac{8}{41}$	$\frac{5}{11}$	$\Phi_{451}^{4}\ \Phi_{41}^{8}\ \Phi_{11}^{5}\ \Phi_{1}^{10}$
162837	1980	1122	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{5}{11}$	$\Phi_{1122}^{2}\ \Phi_{561}^{2}\ \Phi_{374}\ \Phi_{187}\ \Phi_{102}^{4}\ \Phi_{66}\ \Phi_{51}^{4}\ \Phi_{34}^{2}\ \Phi_{33}\ \Phi_{17}^{2}\ \Phi_{11}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
162838	1980	902	$\frac{5}{82}$	$\frac{7}{82}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{902}^{2}\ \Phi_{451}^{2}\ \Phi_{82}^{4}\ \Phi_{41}^{4}\ \Phi_{22}^{2}\ \Phi_{11}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
162839	1980	528	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{528}^{4}\ \Phi_{264}^{4}\ \Phi_{176}^{3}\ \Phi_{132}^{3}\ \Phi_{88}^{3}\ \Phi_{66}^{6}\ \Phi_{48}^{8}\ \Phi_{44}^{2}\ \Phi_{33}^{3}\ \Phi_{24}^{8}\ \Phi_{22}^{2}\ \Phi_{16}^{6}\ \Phi_{12}^{6}\ \Phi_{11}^{3}\ \Phi_{8}^{6}\ \Phi_{6}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
162840	1980	1979	$\frac{120}{1979}$	$\frac{169}{1979}$	$\frac{181}{1979}$	$\frac{899}{1979}$	$\Phi_{1979}\ \Phi_{1}^{2}$
162841	1980	2172	$\frac{11}{181}$	$\frac{1}{12}$	$\frac{17}{181}$	$\frac{82}{181}$	$\Phi_{2172}\ \Phi_{1086}\ \Phi_{724}\ \Phi_{543}\ \Phi_{362}$
162842	1980	2210	$\frac{11}{221}$	$\frac{21}{221}$	$\frac{1}{10}$	$\frac{100}{221}$	$\Phi_{2210}\ \Phi_{1105}\ \Phi_{442}\ \Phi_{170}\ \Phi_{130}\ \Phi_{85}\ \Phi_{65}\ \Phi_{34}\ \Phi_{26}$
162843	1980	1979	$\frac{49}{1979}$	$\frac{193}{1979}$	$\frac{362}{1979}$	$\frac{893}{1979}$	$\Phi_{1979}\ \Phi_{1}^{2}$
162844	1980	2644	$\frac{11}{661}$	$\frac{65}{661}$	$\frac{1}{4}$	$\frac{298}{661}$	$\Phi_{2644}\ \Phi_{1322}$
162845	1980	2093	$\frac{1}{23}$	$\frac{9}{91}$	$\frac{10}{91}$	$\frac{41}{91}$	$\Phi_{2093}\ \Phi_{299}\ \Phi_{161}$
162846	1980	5460	$\frac{1}{91}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{5460}\ \Phi_{1092}\ \Phi_{780}\ \Phi_{420}\ \Phi_{273}\ \Phi_{156}\ \Phi_{84}\ \Phi_{39}\ \Phi_{21}$
162847	1980	3580	$\frac{2}{179}$	$\frac{1}{10}$	$\frac{59}{179}$	$\frac{9}{20}$	$\Phi_{3580}\ \Phi_{716}\ \Phi_{179}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
162848	1980	1220	$\frac{1}{61}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{1220}\ \Phi_{610}^{2}\ \Phi_{305}^{2}\ \Phi_{244}^{2}\ \Phi_{122}^{3}\ \Phi_{61}^{2}$
162849	1980	3580	$\frac{3}{179}$	$\frac{1}{10}$	$\frac{44}{179}$	$\frac{9}{20}$	$\Phi_{3580}\ \Phi_{716}\ \Phi_{179}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
162850	1980	460	$\frac{1}{46}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{460}^{8}\ \Phi_{230}\ \Phi_{115}\ \Phi_{92}^{8}\ \Phi_{20}^{4}\ \Phi_{10}\ \Phi_{4}^{4}$
162851	1980	3580	$\frac{4}{179}$	$\frac{1}{10}$	$\frac{35}{179}$	$\frac{9}{20}$	$\Phi_{3580}\ \Phi_{716}\ \Phi_{179}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
162852	1980	2220	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{2220}^{2}\ \Phi_{740}\ \Phi_{444}^{2}\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}$
162853	1980	3580	$\frac{5}{179}$	$\frac{1}{10}$	$\frac{29}{179}$	$\frac{9}{20}$	$\Phi_{3580}\ \Phi_{716}\ \Phi_{179}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
162854	1980	4340	$\frac{1}{31}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{20}$	$\Phi_{4340}\ \Phi_{868}\ \Phi_{217}$
162855	1980	3580	$\frac{8}{179}$	$\frac{1}{10}$	$\frac{19}{179}$	$\frac{9}{20}$	$\Phi_{3580}\ \Phi_{716}\ \Phi_{179}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
162856	1980	420	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{420}^{9}\ \Phi_{210}\ \Phi_{140}^{9}\ \Phi_{105}\ \Phi_{84}^{9}\ \Phi_{70}\ \Phi_{60}^{9}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^{9}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^{9}\ \Phi_{6}$
162857	1980	3580	$\frac{9}{179}$	$\frac{17}{179}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{3580}\ \Phi_{716}\ \Phi_{179}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
162858	1980	4180	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{4180}\ \Phi_{836}\ \Phi_{209}$
162859	1980	3580	$\frac{11}{179}$	$\frac{14}{179}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{3580}\ \Phi_{716}\ \Phi_{179}\ \Phi_{20}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
162860	1980	1040	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1040}^{2}\ \Phi_{520}^{2}\ \Phi_{260}\ \Phi_{208}^{3}\ \Phi_{130}^{2}\ \Phi_{104}^{3}\ \Phi_{65}^{2}\ \Phi_{52}^{2}\ \Phi_{26}^{3}\ \Phi_{13}^{2}$
162861	1980	1979	$\frac{99}{1979}$	$\frac{188}{1979}$	$\frac{199}{1979}$	$\frac{890}{1979}$	$\Phi_{1979}\ \Phi_{1}^{2}$
162862	1980	1979	$\frac{109}{1979}$	$\frac{170}{1979}$	$\frac{201}{1979}$	$\frac{889}{1979}$	$\Phi_{1979}\ \Phi_{1}^{2}$
162863	1980	2172	$\frac{10}{181}$	$\frac{1}{12}$	$\frac{19}{181}$	$\frac{81}{181}$	$\Phi_{2172}\ \Phi_{1086}\ \Phi_{724}\ \Phi_{543}\ \Phi_{362}$
162864	1980	2189	$\frac{10}{199}$	$\frac{1}{11}$	$\frac{21}{199}$	$\frac{89}{199}$	Φ_{2189}
162865	1980	1979	$\frac{80}{1979}$	$\frac{211}{1979}$	$\frac{219}{1979}$	$\frac{884}{1979}$	$\Phi_{1979}\ \Phi_{1}^{2}$
162866	1980	2382	$\frac{10}{397}$	$\frac{43}{397}$	$\frac{1}{6}$	$\frac{177}{397}$	$\Phi_{2382}\ \Phi_{1191}\ \Phi_{794}$
162867	1980	1979	$\frac{26}{1979}$	$\frac{217}{1979}$	$\frac{549}{1979}$	$\frac{881}{1979}$	$\Phi_{1979}\ \Phi_{1}^{2}$
162868	1980	2973	$\frac{10}{991}$	$\frac{109}{991}$	$\frac{1}{3}$	$\frac{441}{991}$	Φ_{2973}
162869	1980	900	$\frac{1}{100}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}^{3}\ \Phi_{225}^{2}\ \Phi_{180}^{2}\ \Phi_{150}^{3}\ \Phi_{100}^{2}\ \Phi_{90}^{2}\ \Phi_{75}^{3}\ \Phi_{60}^{3}\ \Phi_{50}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{30}^{3}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
162870	1980	1773	$\frac{2}{197}$	$\frac{1}{9}$	$\frac{65}{197}$	$\frac{4}{9}$	$\Phi_{1773}\ \Phi_{591}\ \Phi_{197}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
162871	1980	2412	$\frac{1}{67}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{4}{9}$	$\Phi_{2412}\ \Phi_{1206}\ \Phi_{804}\ \Phi_{402}\ \Phi_{268}^{2}\ \Phi_{134}^{2}$
162872	1980	1242	$\frac{1}{46}$	$\frac{1}{9}$	$\frac{5}{27}$	$\frac{4}{9}$	$\Phi_{1242}^{2}\ \Phi_{621}^{2}\ \Phi_{414}\ \Phi_{207}\ \Phi_{138}\ \Phi_{69}\ \Phi_{54}^{2}\ \Phi_{18}\ \Phi_{6}$
162873	1980	1773	$\frac{5}{197}$	$\frac{1}{9}$	$\frac{32}{197}$	$\frac{4}{9}$	$\Phi_{1773}\ \Phi_{591}\ \Phi_{197}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
162874	1980	2142	$\frac{1}{34}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{714}\ \Phi_{357}\ \Phi_{238}^{2}\ \Phi_{126}\ \Phi_{119}^{2}\ \Phi_{42}\ \Phi_{14}^{2}$
162875	1980	1773	$\frac{8}{197}$	$\frac{21}{197}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1773}\ \Phi_{591}\ \Phi_{197}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
162876	1980	2070	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{414}\ \Phi_{345}\ \Phi_{230}^{2}\ \Phi_{138}\ \Phi_{115}^{2}\ \Phi_{46}^{2}$
162877	1980	1773	$\frac{10}{197}$	$\frac{17}{197}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1773}\ \Phi_{591}\ \Phi_{197}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
162878	1980	684	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{684}^{3}\ \Phi_{342}^{3}\ \Phi_{228}^{4}\ \Phi_{171}^{2}\ \Phi_{114}^{4}\ \Phi_{76}^{4}\ \Phi_{57}^{3}\ \Phi_{38}^{4}\ \Phi_{19}^{2}$
162879	1980	1979	$\frac{20}{1979}$	$\frac{221}{1979}$	$\frac{653}{1979}$	$\frac{879}{1979}$	$\Phi_{1979}\ \Phi_{1}^{2}$
162880	1980	3626	$\frac{1}{37}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{98}$	$\Phi_{3626}\ \Phi_{518}\ \Phi_{259}\ \Phi_{74}$
162881	1980	1776	$\frac{1}{111}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{1776}^{2}\ \Phi_{592}^{2}\ \Phi_{111}^{2}\ \Phi_{48}\ \Phi_{37}^{2}\ \Phi_{16}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
162882	1980	1168	$\frac{1}{73}$	$\frac{1}{8}$	$\frac{18}{73}$	$\frac{7}{16}$	$\Phi_{1168}^{3}\ \Phi_{73}^{3}\ \Phi_{16}^{4}\ \Phi_{1}^{4}$
162883	1980	560	$\frac{1}{56}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{560}^{8}\ \Phi_{280}\ \Phi_{140}\ \Phi_{80}^{7}\ \Phi_{70}\ \Phi_{40}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
162884	1980	3504	$\frac{4}{219}$	$\frac{1}{8}$	$\frac{43}{219}$	$\frac{7}{16}$	$\Phi_{3504}\ \Phi_{1168}\ \Phi_{219}\ \Phi_{73}\ \Phi_{48}\ \Phi_{16}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
162885	1980	720	$\frac{1}{45}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{16}$	$\Phi_{720}^{5}\ \Phi_{240}^{5}\ \Phi_{144}^{5}\ \Phi_{90}^{3}\ \Phi_{80}^{5}\ \Phi_{48}^{3}\ \Phi_{45}^{2}\ \Phi_{30}^{3}\ \Phi_{18}^{3}\ \Phi_{16}^{4}\ \Phi_{15}^{2}\ \Phi_{10}^{3}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
162886	1980	2368	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	$\Phi_{2368}\ \Phi_{1184}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}$
162887	1980	1168	$\frac{3}{73}$	$\frac{7}{73}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1168}^{3}\ \Phi_{73}^{3}\ \Phi_{16}^{4}\ \Phi_{1}^{4}$
162888	1980	4048	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{4048}\ \Phi_{253}$
162889	1980	3504	$\frac{10}{219}$	$\frac{19}{219}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3504}\ \Phi_{1168}\ \Phi_{219}\ \Phi_{73}\ \Phi_{48}\ \Phi_{16}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
162890	1980	336	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{336}^{11}\ \Phi_{112}^{11}\ \Phi_{84}^{3}\ \Phi_{48}^{7}\ \Phi_{42}^{3}\ \Phi_{28}^{3}\ \Phi_{21}^{2}\ \Phi_{16}^{8}\ \Phi_{14}^{3}\ \Phi_{12}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
162891	1980	1979	$\frac{17}{1979}$	$\frac{265}{1979}$	$\frac{654}{1979}$	$\frac{857}{1979}$	$\Phi_{1979}\ \Phi_{1}^{2}$
162892	1980	1979	$\frac{34}{1979}$	$\frac{265}{1979}$	$\frac{389}{1979}$	$\frac{857}{1979}$	$\Phi_{1979}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
162893	1980	2072	$\frac{1}{56}$	$\frac{5}{37}$	$\frac{7}{37}$	$\frac{16}{37}$	$\Phi_{2072}\ \Phi_{1036}\ \Phi_{518}\ \Phi_{296}\ \Phi_{259}\ \Phi_{148}\ \Phi_{74}$
162894	1980	4340	$\frac{1}{62}$	$\frac{61}{434}$	$\frac{1}{5}$	$\frac{373}{868}$	$\Phi_{4340}\ \Phi_{620}\ \Phi_{310}\ \Phi_{155}\ \Phi_{140}\ \Phi_{20}\ \Phi_{10}$
162895	1980	700	$\frac{1}{100}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{700}^3\ \Phi_{350}^3\ \Phi_{175}^3\ \Phi_{140}^3\ \Phi_{100}^2\ \Phi_{70}^3\ \Phi_{50}^2\ \Phi_{35}^3\ \Phi_{28}^3\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{14}^3\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^2\ \Phi_2^2$
162896	1980	1127	$\frac{1}{23}$	$\frac{4}{49}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1127}^2\ \Phi_{161}$
162897	1980	560	$\frac{2}{35}$	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{560}^4\ \Phi_{280}^4\ \Phi_{140}^4\ \Phi_{112}^3\ \Phi_{80}^4\ \Phi_{70}^4\ \Phi_{56}^3\ \Phi_{40}^4\ \Phi_{28}^3\ \Phi_{20}^4\ \Phi_{16}^2\ \Phi_{14}^3\ \Phi_{10}^4\ \Phi_8^2\ \Phi_4^2\ \Phi_2^2$
162898	1980	3552	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{96}$	$\Phi_{3552}\ \Phi_{1184}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}$
162899	1980	2074	$\frac{1}{34}$	$\frac{7}{61}$	$\frac{9}{61}$	$\frac{26}{61}$	$\Phi_{2074}\ \Phi_{1037}\ \Phi_{122}$
162900	1980	1979	$\frac{76}{1979}$	$\frac{173}{1979}$	$\frac{301}{1979}$	$\frac{839}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162901	1980	598	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{11}{26}$	$\Phi_{598}^6\ \Phi_{299}\ \Phi_{46}^6$
162902	1980	1979	$\frac{104}{1979}$	$\frac{125}{1979}$	$\frac{309}{1979}$	$\frac{835}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162903	1980	304	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{3}{19}$	$\frac{8}{19}$	$\Phi_{304}^7\ \Phi_{152}^7\ \Phi_{76}^7\ \Phi_{38}^7\ \Phi_{16}^6\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6$
162904	1980	2172	$\frac{7}{181}$	$\frac{1}{12}$	$\frac{29}{181}$	$\frac{76}{181}$	$\Phi_{2172}\ \Phi_{1086}\ \Phi_{724}\ \Phi_{543}\ \Phi_{362}$
162905	1980	2077	$\frac{1}{67}$	$\frac{5}{31}$	$\frac{6}{31}$	$\frac{13}{31}$	Φ_{2077}
162906	1980	1979	$\frac{53}{1979}$	$\frac{230}{1979}$	$\frac{321}{1979}$	$\frac{829}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162907	1980	2382	$\frac{7}{397}$	$\frac{65}{397}$	$\frac{1}{6}$	$\frac{166}{397}$	$\Phi_{2382}\ \Phi_{1191}\ \Phi_{794}$
162908	1980	1979	$\frac{29}{1979}$	$\frac{325}{1979}$	$\frac{384}{1979}$	$\frac{827}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162909	1980	2644	$\frac{7}{661}$	$\frac{109}{661}$	$\frac{1}{4}$	$\frac{276}{661}$	$\Phi_{2644}\ \Phi_{1322}$
162910	1980	1979	$\frac{35}{1979}$	$\frac{324}{1979}$	$\frac{331}{1979}$	$\frac{824}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162911	1980	1979	$\frac{53}{1979}$	$\frac{214}{1979}$	$\frac{353}{1979}$	$\frac{813}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162912	1980	2074	$\frac{1}{34}$	$\frac{6}{61}$	$\frac{11}{61}$	$\frac{25}{61}$	$\Phi_{2074}\ \Phi_{1037}\ \Phi_{122}$
162913	1980	1979	$\frac{65}{1979}$	$\frac{174}{1979}$	$\frac{361}{1979}$	$\frac{809}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162914	1980	2093	$\frac{1}{23}$	$\frac{6}{91}$	$\frac{17}{91}$	$\frac{37}{91}$	$\Phi_{2093}\ \Phi_{299}\ \Phi_{161}$
162915	1980	703	$\frac{1}{19}$	$\frac{2}{37}$	$\frac{7}{37}$	$\frac{15}{37}$	$\Phi_{703}^3\ \Phi_{19}^2$
162916	1980	1979	$\frac{104}{1979}$	$\frac{107}{1979}$	$\frac{375}{1979}$	$\frac{802}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162917	1980	1979	$\frac{84}{1979}$	$\frac{131}{1979}$	$\frac{379}{1979}$	$\frac{800}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162918	1980	2172	$\frac{6}{181}$	$\frac{1}{12}$	$\frac{35}{181}$	$\frac{73}{181}$	$\Phi_{2172}\ \Phi_{1086}\ \Phi_{724}\ \Phi_{543}\ \Phi_{362}$
162919	1980	1979	$\frac{54}{1979}$	$\frac{197}{1979}$	$\frac{385}{1979}$	$\frac{797}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162920	1980	2210	$\frac{6}{221}$	$\frac{1}{10}$	$\frac{43}{221}$	$\frac{89}{221}$	$\Phi_{2210}\ \Phi_{1105}\ \Phi_{442}\ \Phi_{170}\ \Phi_{130}\ \Phi_{85}\ \Phi_{65}\ \Phi_{34}\ \Phi_{26}$
162921	1980	2317	$\frac{6}{331}$	$\frac{1}{7}$	$\frac{65}{331}$	$\frac{133}{331}$	Φ_{2317}
162922	1980	1979	$\frac{24}{1979}$	$\frac{391}{1979}$	$\frac{395}{1979}$	$\frac{794}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162923	1980	2644	$\frac{6}{661}$	$\frac{131}{661}$	$\frac{1}{4}$	$\frac{265}{661}$	$\Phi_{2644}\ \Phi_{1322}$
162924	1980	1979	$\frac{14}{1979}$	$\frac{393}{1979}$	$\frac{593}{1979}$	$\frac{793}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162925	1980	2973	$\frac{6}{991}$	$\frac{197}{991}$	$\frac{1}{3}$	$\frac{397}{991}$	Φ_{2973}
162926	1980	2490	$\frac{1}{166}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{2490}\ \Phi_{1245}\ \Phi_{498}^2\ \Phi_{249}^2\ \Phi_{30}\ \Phi_6^2$
162927	1980	1645	$\frac{2}{329}$	$\frac{1}{5}$	$\frac{109}{329}$	$\frac{2}{5}$	$\Phi_{1645}\ \Phi_{329}^2\ \Phi_{235}\ \Phi_{47}^2\ \Phi_{35}\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
162928	1980	2220	$\frac{1}{111}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{740}\ \Phi_{444}^2\ \Phi_{370}\ \Phi_{222}^2\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}^2\ \Phi_6^2$
162929	1980	1645	$\frac{4}{329}$	$\frac{65}{329}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1645}\ \Phi_{329}^2\ \Phi_{235}\ \Phi_{47}^2\ \Phi_{35}\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
162930	1980	2010	$\frac{1}{67}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{2010}\ \Phi_{1005}\ \Phi_{670}\ \Phi_{402}^2\ \Phi_{201}^2\ \Phi_{134}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
162931	1980	1645	$\frac{5}{329}$	$\frac{54}{329}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1645}\ \Phi_{329}^2\ \Phi_{235}\ \Phi_{47}^2\ \Phi_{35}\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
162932	1980	280	$\frac{1}{56}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{280}^6\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{56}^{12}\ \Phi_{40}^6\ \Phi_{35}^5\ \Phi_{28}^{12}\ \Phi_{20}^6\ \Phi_{14}^{12}\ \Phi_{10}^6\ \Phi_8^{12}\ \Phi_7^{10}\ \Phi_5^6\ \Phi_4^{12}\ \Phi_2^{12}\ \Phi_1^{12}$
162933	1980	940	$\frac{1}{47}$	$\frac{23}{188}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{940}^2\ \Phi_{470}^2\ \Phi_{235}\ \Phi_{188}^4\ \Phi_{94}^4\ \Phi_{47}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
162934	1980	1150	$\frac{1}{46}$	$\frac{3}{25}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1150}^2\ \Phi_{575}^2\ \Phi_{230}\ \Phi_{115}\ \Phi_{50}^2\ \Phi_{10}$
162935	1980	1645	$\frac{9}{329}$	$\frac{32}{329}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1645}\ \Phi_{329}^2\ \Phi_{235}\ \Phi_{47}^2\ \Phi_{35}\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
162936	1980	1870	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1870}\ \Phi_{935}\ \Phi_{374}^2\ \Phi_{187}^2\ \Phi_{110}\ \Phi_{22}^2$
162937	1980	1645	$\frac{10}{329}$	$\frac{29}{329}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1645}\ \Phi_{329}^2\ \Phi_{235}\ \Phi_{47}^2\ \Phi_{35}\ \Phi_7^2\ \Phi_5^2\ \Phi_1^4$
162938	1980	1860	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}\ \Phi_{465}\ \Phi_{372}^2\ \Phi_{310}\ \Phi_{186}^2\ \Phi_{124}^2\ \Phi_{93}^2\ \Phi_{62}^2$
162939	1980	235	$\frac{2}{47}$	$\frac{3}{47}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{235}^7\ \Phi_{47}^{14}\ \Phi_5^8\ \Phi_1^{16}$
162940	1980	1840	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1840}\ \Phi_{920}\ \Phi_{460}\ \Phi_{368}^2\ \Phi_{230}\ \Phi_{184}^2\ \Phi_{92}^2\ \Phi_{46}^2$
162941	1980	3258	$\frac{1}{181}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{3258}\ \Phi_{1086}\ \Phi_{543}\ \Phi_{362}$
162942	1980	414	$\frac{1}{46}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{18}$	$\Phi_{414}^5\ \Phi_{207}^5\ \Phi_{138}^5\ \Phi_{69}^5\ \Phi_{46}^4\ \Phi_{23}^4\ \Phi_{18}\ \Phi_9^4\ \Phi_6\ \Phi_3^4\ \Phi_1^4$
162943	1980	1979	$\frac{11}{1979}$	$\frac{441}{1979}$	$\frac{656}{1979}$	$\frac{769}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162944	1980	2158	$\frac{1}{166}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	$\Phi_{2158}\ \Phi_{1079}\ \Phi_{26}$
162945	1980	3360	$\frac{1}{21}$	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{61}{160}$	$\Phi_{3360}\ \Phi_{1120}\ \Phi_{672}\ \Phi_{480}\ \Phi_{420}\ \Phi_{224}\ \Phi_{210}\ \Phi_{140}\ \Phi_{105}\ \Phi_{96}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
162946	1980	4776	$\frac{1}{199}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{4776}\ \Phi_{597}$
162947	1980	3160	$\frac{2}{395}$	$\frac{1}{4}$	$\frac{131}{395}$	$\frac{3}{8}$	$\Phi_{3160}\ \Phi_{632}\ \Phi_{395}\ \Phi_{79}\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
162948	1980	2896	$\frac{1}{181}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{2896}\ \Phi_{724}\ \Phi_{362}$
162949	1980	1064	$\frac{1}{133}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1064}^3\ \Phi_{532}\ \Phi_{266}\ \Phi_{152}^3\ \Phi_{76}\ \Phi_{56}^3\ \Phi_{38}\ \Phi_{28}\ \Phi_{14}$
162950	1980	3160	$\frac{3}{395}$	$\frac{98}{395}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3160}\ \Phi_{632}\ \Phi_{395}\ \Phi_{79}\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
162951	1980	200	$\frac{1}{100}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{200}^{16}\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{40}^{15}\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_8^{16}\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
162952	1980	632	$\frac{1}{79}$	$\frac{13}{79}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{632}^5\ \Phi_{79}^5\ \Phi_8^6\ \Phi_1^6$
162953	1980	3752	$\frac{1}{67}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3752}\ \Phi_{469}$
162954	1980	3160	$\frac{8}{395}$	$\frac{43}{395}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3160}\ \Phi_{632}\ \Phi_{395}\ \Phi_{79}\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
162955	1980	360	$\frac{1}{45}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{360}^9\ \Phi_{120}^9\ \Phi_{90}^5\ \Phi_{72}^9\ \Phi_{45}^4\ \Phi_{40}^7\ \Phi_{30}^5\ \Phi_{24}^9\ \Phi_{18}^5\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_8^8\ \Phi_6^5\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
162956	1980	632	$\frac{2}{79}$	$\frac{7}{79}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{632}^5\ \Phi_{79}^5\ \Phi_8^6\ \Phi_1^6$
162957	1980	888	$\frac{1}{37}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{888}^4\ \Phi_{444}\ \Phi_{296}^3\ \Phi_{222}\ \Phi_{148}\ \Phi_{111}\ \Phi_{74}$
162958	1980	3160	$\frac{11}{395}$	$\frac{32}{395}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3160}\ \Phi_{632}\ \Phi_{395}\ \Phi_{79}\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
162959	1980	1768	$\frac{1}{34}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1768}^2\ \Phi_{442}\ \Phi_{221}\ \Phi_{104}\ \Phi_{26}$
162960	1980	3160	$\frac{17}{395}$	$\frac{21}{395}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3160}\ \Phi_{632}\ \Phi_{395}\ \Phi_{79}\ \Phi_{40}\ \Phi_8^2\ \Phi_5\ \Phi_1^2$
162961	1980	3496	$\frac{1}{23}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3496}\ \Phi_{437}$
162962	1980	2184	$\frac{1}{21}$	$\frac{5}{104}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2184}\ \Phi_{1092}\ \Phi_{728}\ \Phi_{546}\ \Phi_{364}\ \Phi_{312}\ \Phi_{273}\ \Phi_{182}\ \Phi_{156}\ \Phi_{91}\ \Phi_{84}\ \Phi_{78}\ \Phi_{42}\ \Phi_{39}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
162963	1980	2109	$\frac{1}{111}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{2109}\ \Phi_{703}\ \Phi_{57}$
162964	1980	1979	$\frac{19}{1979}$	$\frac{392}{1979}$	$\frac{529}{1979}$	$\frac{725}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162965	1980	1979	$\frac{23}{1979}$	$\frac{326}{1979}$	$\frac{551}{1979}$	$\frac{714}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162966	1980	2077	$\frac{1}{67}$	$\frac{4}{31}$	$\frac{9}{31}$	$\frac{11}{31}$	Φ_{2077}
162967	1980	2072	$\frac{1}{56}$	$\frac{4}{37}$	$\frac{11}{37}$	$\frac{13}{37}$	$\Phi_{2072}\ \Phi_{1036}\ \Phi_{518}\ \Phi_{296}\ \Phi_{259}\ \Phi_{148}\ \Phi_{74}$
162968	1980	1979	$\frac{39}{1979}$	$\frac{194}{1979}$	$\frac{595}{1979}$	$\frac{692}{1979}$	$\Phi_{1979}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
162969	1980	1979	$\frac{43}{1979}$	$\frac{176}{1979}$	$\frac{601}{1979}$	$\frac{689}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162970	1980	3108	$\frac{1}{37}$	$\frac{1}{14}$	$\frac{13}{42}$	$\frac{29}{84}$	$\Phi_{3108}\ \Phi_{1036}\ \Phi_{518}\ \Phi_{444}\ \Phi_{259}\ \Phi_{148}\ \Phi_{74}$
162971	1980	2074	$\frac{1}{34}$	$\frac{4}{61}$	$\frac{19}{61}$	$\frac{21}{61}$	$\Phi_{2074}\ \Phi_{1037}\ \Phi_{122}$
162972	1980	1979	$\frac{59}{1979}$	$\frac{128}{1979}$	$\frac{617}{1979}$	$\frac{681}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162973	1980	2077	$\frac{1}{31}$	$\frac{4}{67}$	$\frac{21}{67}$	$\frac{23}{67}$	Φ_{2077}
162974	1980	2093	$\frac{1}{23}$	$\frac{4}{91}$	$\frac{29}{91}$	$\frac{31}{91}$	$\Phi_{2093}\ \Phi_{299}\ \Phi_{161}$
162975	1980	1979	$\frac{86}{1979}$	$\frac{87}{1979}$	$\frac{631}{1979}$	$\frac{674}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162976	1980	1050	$\frac{1}{25}$	$\frac{1}{21}$	$\frac{8}{25}$	$\frac{17}{50}$	$\Phi_{1050}^3\ \Phi_{525}\ \Phi_{350}^3\ \Phi_{210}^3\ \Phi_{175}\ \Phi_{150}^3\ \Phi_{105}\ \Phi_{75}\ \Phi_{70}^3\ \Phi_{42}^3\ \Phi_{35}\ \Phi_{30}^3\ \Phi_{15}\ \Phi_{14}^3\ \Phi_6^3$
162977	1980	1979	$\frac{62}{1979}$	$\frac{119}{1979}$	$\frac{639}{1979}$	$\frac{670}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162978	1980	2128	$\frac{4}{133}$	$\frac{1}{16}$	$\frac{43}{133}$	$\frac{45}{133}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{532}\ \Phi_{304}\ \Phi_{266}\ \Phi_{152}\ \Phi_{112}\ \Phi_{76}\ \Phi_{56}\ \Phi_{38}\ \Phi_{28}\ \Phi_{14}$
162979	1980	1979	$\frac{56}{1979}$	$\frac{131}{1979}$	$\frac{641}{1979}$	$\frac{669}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162980	1980	2172	$\frac{4}{181}$	$\frac{1}{12}$	$\frac{59}{181}$	$\frac{61}{181}$	$\Phi_{2172}\ \Phi_{1086}\ \Phi_{724}\ \Phi_{543}\ \Phi_{362}$
162981	1980	2189	$\frac{4}{199}$	$\frac{1}{11}$	$\frac{65}{199}$	$\frac{67}{199}$	Φ_{2189}
162982	1980	1979	$\frac{32}{1979}$	$\frac{219}{1979}$	$\frac{649}{1979}$	$\frac{665}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162983	1980	1979	$\frac{26}{1979}$	$\frac{263}{1979}$	$\frac{651}{1979}$	$\frac{664}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162984	1980	2317	$\frac{4}{331}$	$\frac{1}{7}$	$\frac{109}{331}$	$\frac{111}{331}$	Φ_{2317}
162985	1980	2382	$\frac{4}{397}$	$\frac{1}{6}$	$\frac{131}{397}$	$\frac{133}{397}$	$\Phi_{2382}\ \Phi_{1191}\ \Phi_{794}$
162986	1980	1240	$\frac{1}{124}$	$\frac{1}{5}$	$\frac{41}{124}$	$\frac{83}{248}$	$\Phi_{1240}^3\ \Phi_{620}\ \Phi_{310}\ \Phi_{155}\ \Phi_{40}^3\ \Phi_{20}\ \Phi_{10}$
162987	1980	1979	$\frac{14}{1979}$	$\frac{439}{1979}$	$\frac{655}{1979}$	$\frac{662}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162988	1980	2644	$\frac{4}{661}$	$\frac{1}{4}$	$\frac{219}{661}$	$\frac{221}{661}$	$\Phi_{2644}\ \Phi_{1322}$
162989	1980	1979	$\frac{8}{1979}$	$\frac{657}{1979}$	$\frac{659}{1979}$	$\frac{661}{1979}$	$\Phi_{1979}\ \Phi_1^2$
162990	1980	2973	$\frac{4}{991}$	$\frac{329}{991}$	$\frac{1}{3}$	$\frac{331}{991}$	Φ_{2973}
162991	1980	741	$\frac{1}{247}$	$\frac{82}{247}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{741}^2\ \Phi_{247}^4\ \Phi_{57}^2\ \Phi_{39}^2\ \Phi_{19}^4\ \Phi_{13}^4\ \Phi_3^3\ \Phi_1^6$
162992	1980	996	$\frac{1}{166}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{996}^2\ \Phi_{498}\ \Phi_{332}^4\ \Phi_{249}\ \Phi_{166}^2\ \Phi_{83}^2\ \Phi_{12}\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
162993	1980	741	$\frac{2}{247}$	$\frac{49}{247}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{741}^2\ \Phi_{247}^4\ \Phi_{57}^2\ \Phi_{39}^2\ \Phi_{19}^4\ \Phi_{13}^4\ \Phi_3^3\ \Phi_1^6$
162994	1980	300	$\frac{1}{100}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{300}^7\ \Phi_{150}^7\ \Phi_{100}^6\ \Phi_{75}^7\ \Phi_{60}^7\ \Phi_{50}^6\ \Phi_{30}^7\ \Phi_{25}^6\ \Phi_{20}^6\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{10}^6\ \Phi_6^3\ \Phi_5^6\ \Phi_4^6\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
162995	1980	741	$\frac{4}{247}$	$\frac{27}{247}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{741}^2\ \Phi_{247}^4\ \Phi_{57}^2\ \Phi_{39}^2\ \Phi_{19}^4\ \Phi_{13}^4\ \Phi_3^3\ \Phi_1^6$
162996	1980	840	$\frac{1}{56}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{840}^2\ \Phi_{420}^2\ \Phi_{280}^4\ \Phi_{210}^2\ \Phi_{168}\ \Phi_{140}^4\ \Phi_{120}^2\ \Phi_{105}^2\ \Phi_{84}\ \Phi_{70}^4\ \Phi_{60}^2\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{40}^4\ \Phi_{35}^4\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}^4\ \Phi_{15}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
162997	1980	741	$\frac{5}{247}$	$\frac{22}{247}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{741}^2\ \Phi_{247}^4\ \Phi_{57}^2\ \Phi_{39}^2\ \Phi_{19}^4\ \Phi_{13}^4\ \Phi_3^3\ \Phi_1^6$
162998	1980	276	$\frac{1}{46}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{276}^8\ \Phi_{138}^7\ \Phi_{92}^8\ \Phi_{69}^7\ \Phi_{46}^6\ \Phi_{23}^6\ \Phi_{12}^4\ \Phi_6^3\ \Phi_4^4\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
162999	1980	507	$\frac{4}{169}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{507}^3\ \Phi_{169}^6\ \Phi_{39}^2\ \Phi_{13}^4\ \Phi_3^3\ \Phi_1^6$
163000	1980	1596	$\frac{1}{38}$	$\frac{37}{532}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1596}\ \Phi_{798}\ \Phi_{532}^2\ \Phi_{399}\ \Phi_{266}^2\ \Phi_{228}\ \Phi_{133}^2\ \Phi_{84}\ \Phi_{76}^2\ \Phi_{42}\ \Phi_{28}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{12}\ \Phi_7^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
163001	1980	741	$\frac{7}{247}$	$\frac{16}{247}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{741}^2\ \Phi_{247}^4\ \Phi_{57}^2\ \Phi_{39}^2\ \Phi_{19}^4\ \Phi_{13}^4\ \Phi_3^3\ \Phi_1^6$
163002	1980	816	$\frac{1}{34}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{816}^2\ \Phi_{408}^2\ \Phi_{272}^4\ \Phi_{204}^2\ \Phi_{136}^4\ \Phi_{102}\ \Phi_{68}^4\ \Phi_{51}\ \Phi_{48}\ \Phi_{34}^2\ \Phi_{24}\ \Phi_{17}^2\ \Phi_{16}^2\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
163003	1980	57	$\frac{2}{57}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{57}^{35}\ \Phi_{19}^{34}\ \Phi_3^{36}\ \Phi_1^{36}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
163004	1980	312	$\frac{1}{26}$	$\frac{5}{104}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{312}^{5}\ \Phi_{156}^{5}\ \Phi_{104}^{10}\ \Phi_{78}^{4}\ \Phi_{52}^{10}\ \Phi_{39}^{4}\ \Phi_{26}^{8}\ \Phi_{24}^{5}\ \Phi_{13}^{8}\ \Phi_{12}^{5}\ \Phi_{8}^{10}\ \Phi_{6}^{4}\ \Phi_{4}^{10}\ \Phi_{3}^{5}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
163005	1980	3948	$\frac{2}{329}$	$\frac{1}{4}$	$\frac{109}{329}$	$\frac{1}{3}$	$\Phi_{3948}\ \Phi_{1974}\ \Phi_{564}\ \Phi_{282}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
163006	1980	2973	$\frac{7}{991}$	$\frac{221}{991}$	$\frac{328}{991}$	$\frac{1}{3}$	Φ_{2973}
163007	1980	1182	$\frac{2}{197}$	$\frac{1}{6}$	$\frac{65}{197}$	$\frac{1}{3}$	$\Phi_{1182}^{2}\ \Phi_{591}\ \Phi_{394}^{2}\ \Phi_{197}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
163008	1980	1722	$\frac{1}{82}$	$\frac{1}{7}$	$\frac{27}{82}$	$\frac{1}{3}$	$\Phi_{1722}^{2}\ \Phi_{861}^{2}\ \Phi_{42}^{2}\ \Phi_{21}^{3}$
163009	1980	2973	$\frac{13}{991}$	$\frac{133}{991}$	$\frac{326}{991}$	$\frac{1}{3}$	Φ_{2973}
163010	1980	2973	$\frac{16}{991}$	$\frac{111}{991}$	$\frac{325}{991}$	$\frac{1}{3}$	Φ_{2973}
163011	1980	1617	$\frac{1}{49}$	$\frac{1}{11}$	$\frac{16}{49}$	$\frac{1}{3}$	$\Phi_{1617}^{2}\ \Phi_{231}^{2}\ \Phi_{33}^{3}$
163012	1980	1068	$\frac{2}{89}$	$\frac{1}{12}$	$\frac{29}{89}$	$\frac{1}{3}$	$\Phi_{1068}^{2}\ \Phi_{534}^{2}\ \Phi_{356}^{2}\ \Phi_{267}\ \Phi_{178}^{2}\ \Phi_{89}^{2}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
163013	1980	2973	$\frac{28}{991}$	$\frac{67}{991}$	$\frac{321}{991}$	$\frac{1}{3}$	Φ_{2973}
163014	1980	3120	$\frac{2}{65}$	$\frac{1}{16}$	$\frac{21}{65}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{624}\ \Phi_{390}\ \Phi_{312}\ \Phi_{240}\ \Phi_{156}\ \Phi_{120}\ \Phi_{78}\ \Phi_{60}\ \Phi_{48}^{2}\ \Phi_{30}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
163015	1980	2973	$\frac{31}{991}$	$\frac{61}{991}$	$\frac{320}{991}$	$\frac{1}{3}$	Φ_{2973}
163016	1980	1539	$\frac{1}{27}$	$\frac{1}{19}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{1539}^{2}\ \Phi_{57}$
163017	1980	2973	$\frac{43}{991}$	$\frac{45}{991}$	$\frac{316}{991}$	$\frac{1}{3}$	Φ_{2973}
163018	1980	1518	$\frac{1}{23}$	$\frac{1}{22}$	$\frac{7}{22}$	$\frac{1}{3}$	$\Phi_{1518}^{2}\ \Phi_{759}^{2}\ \Phi_{138}^{2}\ \Phi_{69}^{3}$
163019	1980	1995	$\frac{2}{57}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{285}\ \Phi_{133}\ \Phi_{95}\ \Phi_{57}^{2}\ \Phi_{35}\ \Phi_{19}^{2}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^{2}$
163020	1980	1488	$\frac{1}{31}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{3}$	$\Phi_{1488}^{2}\ \Phi_{744}^{2}\ \Phi_{372}^{2}\ \Phi_{186}^{2}\ \Phi_{93}^{3}$
163021	1980	2973	$\frac{31}{991}$	$\frac{64}{991}$	$\frac{309}{991}$	$\frac{1}{3}$	Φ_{2973}
163022	1980	2958	$\frac{1}{34}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{1}{3}$	$\Phi_{2958}\ \Phi_{1479}\ \Phi_{174}\ \Phi_{102}^{2}\ \Phi_{51}^{2}\ \Phi_{6}^{2}$
163023	1980	2973	$\frac{23}{991}$	$\frac{88}{991}$	$\frac{301}{991}$	$\frac{1}{3}$	Φ_{2973}
163024	1980	2898	$\frac{1}{46}$	$\frac{2}{21}$	$\frac{19}{63}$	$\frac{1}{3}$	$\Phi_{2898}\ \Phi_{1449}\ \Phi_{414}\ \Phi_{207}\ \Phi_{138}\ \Phi_{126}\ \Phi_{69}\ \Phi_{18}\ \Phi_{6}$
163025	1980	2973	$\frac{21}{991}$	$\frac{97}{991}$	$\frac{298}{991}$	$\frac{1}{3}$	Φ_{2973}
163026	1980	2856	$\frac{1}{56}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{1}{3}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{408}\ \Phi_{357}\ \Phi_{204}\ \Phi_{168}^{2}\ \Phi_{102}\ \Phi_{84}^{2}\ \Phi_{42}^{2}\ \Phi_{24}^{2}\ \Phi_{21}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
163027	1980	1407	$\frac{1}{67}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{1407}^{2}\ \Phi_{201}^{3}$
163028	1980	2973	$\frac{13}{991}$	$\frac{163}{991}$	$\frac{276}{991}$	$\frac{1}{3}$	Φ_{2973}
163029	1980	2973	$\frac{11}{991}$	$\frac{196}{991}$	$\frac{265}{991}$	$\frac{1}{3}$	Φ_{2973}
163030	1980	1365	$\frac{1}{91}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{1365}\ \Phi_{455}^{2}\ \Phi_{273}^{2}\ \Phi_{195}\ \Phi_{105}\ \Phi_{91}^{2}\ \Phi_{65}^{2}\ \Phi_{39}^{2}\ \Phi_{35}^{2}\ \Phi_{21}^{2}\ \Phi_{13}^{2}\ \Phi_{7}^{2}$
163031	1980	2700	$\frac{1}{100}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{300}\ \Phi_{270}\ \Phi_{150}\ \Phi_{135}\ \Phi_{108}\ \Phi_{75}\ \Phi_{60}\ \Phi_{54}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
163032	1980	444	$\frac{1}{111}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{444}^{4}\ \Phi_{222}^{4}\ \Phi_{148}^{4}\ \Phi_{111}^{6}\ \Phi_{74}^{4}\ \Phi_{37}^{6}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
163033	1980	3948	$\frac{4}{329}$	$\frac{65}{329}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3948}\ \Phi_{1974}\ \Phi_{564}\ \Phi_{282}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
163034	1980	804	$\frac{1}{67}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{804}^{3}\ \Phi_{402}\ \Phi_{268}^{4}\ \Phi_{201}^{2}\ \Phi_{134}^{2}\ \Phi_{67}^{2}$
163035	1980	3948	$\frac{5}{329}$	$\frac{54}{329}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3948}\ \Phi_{1974}\ \Phi_{564}\ \Phi_{282}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
163036	1980	168	$\frac{1}{56}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{168}^{18}\ \Phi_{84}^{17}\ \Phi_{42}^{17}\ \Phi_{24}^{18}\ \Phi_{21}^{18}\ \Phi_{12}^{18}\ \Phi_{6}^{18}\ \Phi_{3}^{18}$
163037	1980	564	$\frac{1}{47}$	$\frac{23}{188}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{564}^{5}\ \Phi_{282}^{5}\ \Phi_{141}^{6}\ \Phi_{12}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{6}$
163038	1980	3948	$\frac{9}{329}$	$\frac{32}{329}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3948}\ \Phi_{1974}\ \Phi_{564}\ \Phi_{282}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
163039	1980	2244	$\frac{1}{34}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2244}^{2}\ \Phi_{1122}\ \Phi_{561}\ \Phi_{132}\ \Phi_{33}$
163040	1980	3948	$\frac{10}{329}$	$\frac{29}{329}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3948}\ \Phi_{1974}\ \Phi_{564}\ \Phi_{282}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
163041	1980	372	$\frac{1}{31}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{372}^5\ \Phi_{186}^5\ \Phi_{124}^6\ \Phi_{93}^6\ \Phi_{62}^6\ \Phi_{31}^6$
163042	1980	2964	$\frac{2}{57}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2964}\ \Phi_{1482}\ \Phi_{988}\ \Phi_{494}\ \Phi_{52}\ \Phi_{26}$
163043	1980	564	$\frac{2}{47}$	$\frac{3}{47}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{564}^7\ \Phi_{282}^7\ \Phi_{12}^8\ \Phi_{6}^8$
163044	1980	1104	$\frac{1}{23}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1104}^3\ \Phi_{552}^3\ \Phi_{276}^2\ \Phi_{138}^2\ \Phi_{69}^3$
163045	1980	1368	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{1}{3}$	$\Phi_{1368}^2\ \Phi_{684}^2\ \Phi_{456}^2\ \Phi_{228}^2\ \Phi_{152}^2\ \Phi_{76}^2\ \Phi_{57}$
163046	1980	1995	$\frac{2}{57}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{1}{3}$	$\Phi_{1995}\ \Phi_{665}\ \Phi_{399}\ \Phi_{285}\ \Phi_{133}\ \Phi_{95}\ \Phi_{57}^2\ \Phi_{35}\ \Phi_{19}^2\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$
163047	1980	2223	$\frac{1}{19}$	$\frac{7}{117}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2223}\ \Phi_{741}\ \Phi_{247}\ \Phi_{57}$
163048	1980	966	$\frac{1}{46}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{3}$	$\Phi_{966}^3\ \Phi_{483}^3\ \Phi_{138}^4\ \Phi_{69}^4\ \Phi_{42}\ \Phi_{21}^2\ \Phi_{6}^2\ \Phi_{3}^2$
163049	1980	570	$\frac{2}{57}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{570}^4\ \Phi_{285}^3\ \Phi_{190}^4\ \Phi_{114}^4\ \Phi_{95}^3\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{19}^4\ \Phi_{10}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
163050	1980	1680	$\frac{2}{35}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1680}^2\ \Phi_{840}^2\ \Phi_{420}^2\ \Phi_{336}^2\ \Phi_{240}\ \Phi_{210}^2\ \Phi_{168}^2\ \Phi_{120}\ \Phi_{84}^2\ \Phi_{60}\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{30}\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_{6}^2$
163051	1980	861	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{8}{41}$	$\frac{1}{3}$	$\Phi_{861}^4\ \Phi_{21}^5$
163052	1980	2973	$\frac{26}{991}$	$\frac{133}{991}$	$\frac{193}{991}$	$\frac{1}{3}$	Φ_{2973}
163053	1980	3270	$\frac{4}{109}$	$\frac{1}{10}$	$\frac{21}{109}$	$\frac{1}{3}$	$\Phi_{3270}\ \Phi_{1635}\ \Phi_{654}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
163054	1980	2973	$\frac{41}{991}$	$\frac{89}{991}$	$\frac{190}{991}$	$\frac{1}{3}$	Φ_{2973}
163055	1980	1068	$\frac{4}{89}$	$\frac{1}{12}$	$\frac{17}{89}$	$\frac{1}{3}$	$\Phi_{1068}^2\ \Phi_{534}^2\ \Phi_{356}^2\ \Phi_{267}\ \Phi_{178}^2\ \Phi_{89}^2\ \Phi_{12}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
163056	1980	2973	$\frac{51}{991}$	$\frac{73}{991}$	$\frac{188}{991}$	$\frac{1}{3}$	Φ_{2973}
163057	1980	513	$\frac{1}{19}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{1}{3}$	$\Phi_{513}^4\ \Phi_{171}^4\ \Phi_{57}^5\ \Phi_{19}^4$
163058	1980	2973	$\frac{45}{991}$	$\frac{86}{991}$	$\frac{181}{991}$	$\frac{1}{3}$	Φ_{2973}
163059	1980	759	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{759}^4\ \Phi_{69}^5$
163060	1980	2973	$\frac{37}{991}$	$\frac{106}{991}$	$\frac{177}{991}$	$\frac{1}{3}$	Φ_{2973}
163061	1980	3720	$\frac{1}{31}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{3}$	$\Phi_{3720}\ \Phi_{1860}\ \Phi_{930}\ \Phi_{465}\ \Phi_{93}$
163062	1980	2958	$\frac{1}{34}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{3}$	$\Phi_{2958}\ \Phi_{1479}\ \Phi_{174}\ \Phi_{102}^2\ \Phi_{51}^2\ \Phi_{6}^2$
163063	1980	2973	$\frac{25}{991}$	$\frac{161}{991}$	$\frac{166}{991}$	$\frac{1}{3}$	Φ_{2973}
163064	1980	1182	$\frac{5}{197}$	$\frac{32}{197}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1182}^2\ \Phi_{591}\ \Phi_{394}^2\ \Phi_{197}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
163065	1980	714	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{714}^3\ \Phi_{357}^3\ \Phi_{238}^4\ \Phi_{119}^4\ \Phi_{42}\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{7}^2$
163066	1980	1182	$\frac{8}{197}$	$\frac{21}{197}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1182}^2\ \Phi_{591}\ \Phi_{394}^2\ \Phi_{197}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
163067	1980	690	$\frac{1}{23}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{690}^3\ \Phi_{345}^3\ \Phi_{230}^4\ \Phi_{138}\ \Phi_{115}^4\ \Phi_{69}^2\ \Phi_{46}^2\ \Phi_{23}^2$
163068	1980	1182	$\frac{10}{197}$	$\frac{17}{197}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1182}^2\ \Phi_{591}\ \Phi_{394}^2\ \Phi_{197}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
163069	1980	228	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{228}^{10}\ \Phi_{114}^8\ \Phi_{76}^{10}\ \Phi_{57}^9\ \Phi_{38}^8\ \Phi_{19}^8$
163070	1980	1068	$\frac{5}{89}$	$\frac{1}{12}$	$\frac{14}{89}$	$\frac{1}{3}$	$\Phi_{1068}^2\ \Phi_{534}^2\ \Phi_{356}^2\ \Phi_{267}\ \Phi_{178}^2\ \Phi_{89}^2\ \Phi_{12}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
163071	1980	2973	$\frac{61}{991}$	$\frac{76}{991}$	$\frac{155}{991}$	$\frac{1}{3}$	Φ_{2973}
163072	1980	624	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{1}{3}$	$\Phi_{624}^5\ \Phi_{312}^5\ \Phi_{156}^5\ \Phi_{78}^5\ \Phi_{48}^6\ \Phi_{24}^6\ \Phi_{12}^6\ \Phi_{6}^6$
163073	1980	2973	$\frac{56}{991}$	$\frac{85}{991}$	$\frac{151}{991}$	$\frac{1}{3}$	Φ_{2973}
163074	1980	399	$\frac{2}{57}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{399}^5\ \Phi_{133}^5\ \Phi_{57}^6\ \Phi_{19}^6\ \Phi_{7}^5\ \Phi_{1}^6$
163075	1980	1155	$\frac{2}{35}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1155}^3\ \Phi_{231}^2\ \Phi_{165}^3\ \Phi_{33}^3$
163076	1980	1722	$\frac{5}{82}$	$\frac{7}{82}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1722}^2\ \Phi_{861}^2\ \Phi_{42}^2\ \Phi_{21}^3$
163077	1980	336	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{336}^7\ \Phi_{168}^7\ \Phi_{112}^8\ \Phi_{84}^5\ \Phi_{56}^8\ \Phi_{42}^5\ \Phi_{28}^6\ \Phi_{21}^6\ \Phi_{14}^6\ \Phi_{7}^6$
163078	1980	1197	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{3}$	$\Phi_{1197}^2\ \Phi_{399}^2\ \Phi_{133}^2\ \Phi_{57}$
163079	1980	3696	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{112}$	$\frac{1}{3}$	$\Phi_{3696}\ \Phi_{1848}\ \Phi_{924}\ \Phi_{528}\ \Phi_{264}\ \Phi_{132}\ \Phi_{33}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
163080	1980	1617	$\frac{4}{49}$	$\frac{1}{11}$	$\frac{5}{49}$	$\frac{1}{3}$	$\Phi_{1617}^2\ \Phi_{231}^2\ \Phi_{33}^3$
163081	1980	2973	$\frac{82}{991}$	$\frac{89}{991}$	$\frac{101}{991}$	$\frac{1}{3}$	Φ_{2973}
163082	1980	1068	$\frac{1}{12}$	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{1}{3}$	$\Phi_{1068}^2\ \Phi_{534}^2\ \Phi_{356}^2\ \Phi_{267}\ \Phi_{178}^2\ \Phi_{89}^2\ \Phi_{12}^4\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
163083	1980	2973	$\frac{81}{991}$	$\frac{91}{991}$	$\frac{100}{991}$	$\frac{1}{3}$	Φ_{2973}
163084	1980	3270	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{1}{10}$	$\frac{1}{3}$	$\Phi_{3270}\ \Phi_{1635}\ \Phi_{654}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{6}^2$
163085	1980	660	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{3}$	$\Phi_{660}^4\ \Phi_{330}^3\ \Phi_{220}^4\ \Phi_{165}^3\ \Phi_{132}^2\ \Phi_{110}^4\ \Phi_{66}\ \Phi_{55}^4\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2\ \Phi_{11}^2$
163086	1980	2685	$\frac{2}{179}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{59}{179}$	$\Phi_{2685}\ \Phi_{537}\ \Phi_{179}\ \Phi_{15}^2\ \Phi_{3}^2\ \Phi_{1}^2$
163087	1980	902	$\frac{1}{82}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{27}{82}$	$\Phi_{902}^2\ \Phi_{451}^2\ \Phi_{82}^4\ \Phi_{41}^4\ \Phi_{22}^2\ \Phi_{11}^3\ \Phi_{2}^4\ \Phi_{1}^6$
163088	1980	820	$\frac{1}{82}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{27}{82}$	$\Phi_{820}^4\ \Phi_{410}^2\ \Phi_{205}^2\ \Phi_{20}^5\ \Phi_{10}^3\ \Phi_{5}^2$
163089	1980	1979	$\frac{26}{1979}$	$\frac{332}{1979}$	$\frac{549}{1979}$	$\frac{651}{1979}$	$\Phi_{1979}\ \Phi_{1}^2$
163090	1980	2480	$\frac{7}{496}$	$\frac{1}{5}$	$\frac{111}{496}$	$\frac{163}{496}$	$\Phi_{2480}\ \Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{155}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
163091	1980	1979	$\frac{29}{1979}$	$\frac{384}{1979}$	$\frac{443}{1979}$	$\frac{650}{1979}$	$\Phi_{1979}\ \Phi_{1}^2$
163092	1980	2644	$\frac{10}{661}$	$\frac{111}{661}$	$\frac{1}{4}$	$\frac{217}{661}$	$\Phi_{2644}\ \Phi_{1322}$
163093	1980	917	$\frac{2}{131}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{43}{131}$	$\Phi_{917}^2\ \Phi_{131}^3\ \Phi_{7}^4\ \Phi_{1}^6$
163094	1980	1572	$\frac{2}{131}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{43}{131}$	$\Phi_{1572}^2\ \Phi_{786}\ \Phi_{524}\ \Phi_{393}\ \Phi_{131}\ \Phi_{12}^4\ \Phi_{6}^2\ \Phi_{4}^2\ \Phi_{3}^2\ \Phi_{1}^2$
163095	1980	1979	$\frac{32}{1979}$	$\frac{266}{1979}$	$\frac{571}{1979}$	$\frac{649}{1979}$	$\Phi_{1979}\ \Phi_{1}^2$
163096	1980	2382	$\frac{7}{397}$	$\frac{1}{6}$	$\frac{89}{397}$	$\frac{130}{397}$	$\Phi_{2382}\ \Phi_{1191}\ \Phi_{794}$
163097	1980	1979	$\frac{38}{1979}$	$\frac{307}{1979}$	$\frac{444}{1979}$	$\frac{647}{1979}$	$\Phi_{1979}\ \Phi_{1}^2$
163098	1980	2644	$\frac{13}{661}$	$\frac{89}{661}$	$\frac{1}{4}$	$\frac{216}{661}$	$\Phi_{2644}\ \Phi_{1322}$
163099	1980	931	$\frac{1}{49}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{16}{49}$	$\Phi_{931}^2\ \Phi_{133}^2\ \Phi_{49}^4\ \Phi_{19}^3\ \Phi_{7}^4\ \Phi_{1}^6$
163100	1980	1470	$\frac{1}{49}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{16}{49}$	$\Phi_{1470}^2\ \Phi_{735}^2\ \Phi_{490}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^3$
163101	1980	1246	$\frac{2}{89}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{29}{89}$	$\Phi_{1246}^2\ \Phi_{623}\ \Phi_{178}^2\ \Phi_{89}^2\ \Phi_{14}^4\ \Phi_{7}^2\ \Phi_{2}^4\ \Phi_{1}^4$
163102	1980	1979	$\frac{47}{1979}$	$\frac{267}{1979}$	$\frac{428}{1979}$	$\frac{644}{1979}$	$\Phi_{1979}\ \Phi_{1}^2$
163103	1980	2382	$\frac{10}{397}$	$\frac{1}{6}$	$\frac{67}{397}$	$\frac{129}{397}$	$\Phi_{2382}\ \Phi_{1191}\ \Phi_{794}$
163104	1980	1979	$\frac{50}{1979}$	$\frac{329}{1979}$	$\frac{334}{1979}$	$\frac{643}{1979}$	$\Phi_{1979}\ \Phi_{1}^2$
163105	1980	2480	$\frac{13}{496}$	$\frac{67}{496}$	$\frac{1}{5}$	$\frac{161}{496}$	$\Phi_{2480}\ \Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{155}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
163106	1980	1885	$\frac{2}{65}$	$\frac{2}{29}$	$\frac{9}{29}$	$\frac{21}{65}$	$\Phi_{1885}\ \Phi_{377}\ \Phi_{145}\ \Phi_{65}^2\ \Phi_{29}^2\ \Phi_{13}^2\ \Phi_{5}^2\ \Phi_{1}^4$
163107	1980	2860	$\frac{2}{65}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{21}{65}$	$\Phi_{2860}\ \Phi_{1430}\ \Phi_{572}\ \Phi_{286}\ \Phi_{220}\ \Phi_{110}\ \Phi_{44}^2\ \Phi_{22}^2$
163108	1980	1885	$\frac{2}{65}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{21}{65}$	$\Phi_{1885}\ \Phi_{377}\ \Phi_{145}\ \Phi_{65}^2\ \Phi_{29}^2\ \Phi_{13}^2\ \Phi_{5}^2\ \Phi_{1}^4$
163109	1980	2730	$\frac{2}{65}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{21}{65}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{910}\ \Phi_{546}\ \Phi_{273}\ \Phi_{210}\ \Phi_{182}\ \Phi_{105}\ \Phi_{70}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2$
163110	1980	1979	$\frac{62}{1979}$	$\frac{134}{1979}$	$\frac{615}{1979}$	$\frac{639}{1979}$	$\Phi_{1979}\ \Phi_{1}^2$
163111	1980	310	$\frac{1}{31}$	$\frac{7}{62}$	$\frac{1}{5}$	$\frac{10}{31}$	$\Phi_{310}^9\ \Phi_{155}^7\ \Phi_{10}^9\ \Phi_{5}^6$
163112	1980	944	$\frac{2}{59}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{19}{59}$	$\Phi_{944}^2\ \Phi_{472}^2\ \Phi_{236}^2\ \Phi_{118}^2\ \Phi_{59}^3\ \Phi_{16}^4\ \Phi_{8}^4\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
163113	1980	708	$\frac{2}{59}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{19}{59}$	$\Phi_{708}^3\ \Phi_{354}^3\ \Phi_{236}^2\ \Phi_{177}^3\ \Phi_{118}^2\ \Phi_{59}^3\ \Phi_{12}^6\ \Phi_{6}^6\ \Phi_{4}^4\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
163114	1980	2360	$\frac{2}{59}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{19}{59}$	$\Phi_{2360}\ \Phi_{1180}\ \Phi_{590}\ \Phi_{295}\ \Phi_{59}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{1}^2$
163115	1980	1979	$\frac{68}{1979}$	$\frac{122}{1979}$	$\frac{619}{1979}$	$\frac{637}{1979}$	$\Phi_{1979}\ \Phi_{1}^2$
163116	1980	2189	$\frac{7}{199}$	$\frac{1}{11}$	$\frac{45}{199}$	$\frac{64}{199}$	Φ_{2189}
163117	1980	2835	$\frac{1}{27}$	$\frac{2}{35}$	$\frac{11}{35}$	$\frac{26}{81}$	$\Phi_{2835}\ \Phi_{567}\ \Phi_{405}\ \Phi_{81}^2\ \Phi_{35}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
163118	1980	4212	$\frac{1}{27}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{26}{81}$	$\Phi_{4212}\ \Phi_{2106}\ \Phi_{52}\ \Phi_{26}$
163119	1980	2835	$\frac{1}{27}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{26}{81}$	$\Phi_{2835}\ \Phi_{567}\ \Phi_{405}\ \Phi_{81}^2\ \Phi_{35}\ \Phi_7\ \Phi_5\ \Phi_1^2$
163120	1980	810	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{26}{81}$	$\Phi_{810}^4\ \Phi_{405}^3\ \Phi_{162}^4\ \Phi_{81}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
163121	1980	567	$\frac{1}{27}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{26}{81}$	$\Phi_{567}^5\ \Phi_{81}^6\ \Phi_7^5\ \Phi_1^6$
163122	1980	1979	$\frac{74}{1979}$	$\frac{224}{1979}$	$\frac{351}{1979}$	$\frac{635}{1979}$	$\Phi_{1979}\ \Phi_1^2$
163123	1980	2172	$\frac{7}{181}$	$\frac{1}{12}$	$\frac{41}{181}$	$\frac{58}{181}$	$\Phi_{2172}\ \Phi_{1086}\ \Phi_{724}\ \Phi_{543}\ \Phi_{362}$
163124	1980	1979	$\frac{77}{1979}$	$\frac{269}{1979}$	$\frac{285}{1979}$	$\frac{634}{1979}$	$\Phi_{1979}\ \Phi_1^2$
163125	1980	2317	$\frac{13}{331}$	$\frac{45}{331}$	$\frac{1}{7}$	$\frac{106}{331}$	Φ_{2317}
163126	1980	2382	$\frac{16}{397}$	$\frac{45}{397}$	$\frac{1}{6}$	$\frac{127}{397}$	$\Phi_{2382}\ \Phi_{1191}\ \Phi_{794}$
163127	1980	1979	$\frac{83}{1979}$	$\frac{153}{1979}$	$\frac{449}{1979}$	$\frac{632}{1979}$	$\Phi_{1979}\ \Phi_1^2$
163128	1980	2644	$\frac{28}{661}$	$\frac{45}{661}$	$\frac{1}{4}$	$\frac{211}{661}$	$\Phi_{2644}\ \Phi_{1322}$
163129	1980	946	$\frac{1}{22}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{7}{22}$	$\Phi_{946}^2\ \Phi_{473}^2\ \Phi_{86}^2\ \Phi_{43}^3\ \Phi_{22}^4\ \Phi_{11}^4\ \Phi_2^4\ \Phi_1^6$
163130	1980	660	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{7}{22}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{220}^4\ \Phi_{165}^4\ \Phi_{110}^2\ \Phi_{60}^5\ \Phi_{55}^2\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{10}^3\ \Phi_5^2$
163131	1980	1979	$\frac{92}{1979}$	$\frac{139}{1979}$	$\frac{450}{1979}$	$\frac{629}{1979}$	$\Phi_{1979}\ \Phi_1^2$
163132	1980	2644	$\frac{31}{661}$	$\frac{41}{661}$	$\frac{1}{4}$	$\frac{210}{661}$	$\Phi_{2644}\ \Phi_{1322}$
163133	1980	1979	$\frac{101}{1979}$	$\frac{123}{1979}$	$\frac{464}{1979}$	$\frac{626}{1979}$	$\Phi_{1979}\ \Phi_1^2$
163134	1980	912	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{13}{57}$	$\frac{6}{19}$	$\Phi_{912}^3\ \Phi_{456}^3\ \Phi_{304}\ \Phi_{228}^3\ \Phi_{152}\ \Phi_{114}^3\ \Phi_{76}\ \Phi_{48}^3\ \Phi_{38}\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3$
163135	1980	2172	$\frac{10}{181}$	$\frac{1}{12}$	$\frac{31}{181}$	$\frac{57}{181}$	$\Phi_{2172}\ \Phi_{1086}\ \Phi_{724}\ \Phi_{543}\ \Phi_{362}$
163136	1980	2520	$\frac{1}{18}$	$\frac{2}{35}$	$\frac{17}{72}$	$\frac{11}{35}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
163137	1980	945	$\frac{2}{35}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{11}{35}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{63}^2\ \Phi_{45}^2\ \Phi_{35}^3\ \Phi_{27}^4\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_9^4\ \Phi_7^3\ \Phi_5^3\ \Phi_3^4\ \Phi_1^6$
163138	1980	420	$\frac{2}{35}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{35}$	$\Phi_{420}^5\ \Phi_{210}^4\ \Phi_{140}^5\ \Phi_{105}^4\ \Phi_{84}^5\ \Phi_{70}^4\ \Phi_{60}^5\ \Phi_{42}^4\ \Phi_{35}^5\ \Phi_{30}^4\ \Phi_{28}^5\ \Phi_{21}^4\ \Phi_{20}^5\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{12}^{10}\ \Phi_{10}^4\ \Phi_7^5\ \Phi_6^8\ \Phi_5^5\ \Phi_4^{10}\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
163139	1980	315	$\frac{2}{35}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{11}{35}$	$\Phi_{315}^6\ \Phi_{105}^6\ \Phi_{63}^7\ \Phi_{45}^6\ \Phi_{35}^7\ \Phi_{21}^7\ \Phi_{15}^6\ \Phi_9^6\ \Phi_7^8\ \Phi_5^7\ \Phi_3^6\ \Phi_1^8$
163140	1980	510	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{7}{51}$	$\frac{16}{51}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{170}^5\ \Phi_{102}^4\ \Phi_{85}^5\ \Phi_{34}^5\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_2^4$
163141	1980	1979	$\frac{122}{1979}$	$\frac{149}{1979}$	$\frac{340}{1979}$	$\frac{619}{1979}$	$\Phi_{1979}\ \Phi_1^2$
163142	1980	336	$\frac{1}{21}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{84}^7\ \Phi_{56}^6\ \Phi_{48}^6\ \Phi_{42}^7\ \Phi_{28}^7\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{14}^7\ \Phi_{12}^7\ \Phi_7^6\ \Phi_6^7\ \Phi_3^6$
163143	1980	944	$\frac{3}{59}$	$\frac{1}{16}$	$\frac{14}{59}$	$\frac{5}{16}$	$\Phi_{944}^2\ \Phi_{472}^2\ \Phi_{236}^2\ \Phi_{118}^2\ \Phi_{59}^3\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
163144	1980	80	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{5}$	$\frac{5}{16}$	$\Phi_{80}^{31}\ \Phi_{40}^{31}\ \Phi_{20}^{31}\ \Phi_{10}^{31}\ \Phi_5^{30}$
163145	1980	944	$\frac{1}{16}$	$\frac{4}{59}$	$\frac{11}{59}$	$\frac{5}{16}$	$\Phi_{944}^2\ \Phi_{472}^2\ \Phi_{236}^2\ \Phi_{118}^2\ \Phi_{59}^3\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
163146	1980	624	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{6}$	$\frac{5}{16}$	$\Phi_{624}^4\ \Phi_{312}^4\ \Phi_{208}^2\ \Phi_{156}^4\ \Phi_{104}^2\ \Phi_{78}^5\ \Phi_{52}^2\ \Phi_{39}^5\ \Phi_{26}^3\ \Phi_{13}^2$
163147	1980	944	$\frac{1}{16}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{5}{16}$	$\Phi_{944}^2\ \Phi_{472}^2\ \Phi_{236}^2\ \Phi_{118}^2\ \Phi_{59}^3\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
163148	1980	1232	$\frac{1}{16}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{5}{16}$	$\Phi_{1232}^2\ \Phi_{616}^2\ \Phi_{308}^2\ \Phi_{154}^2\ \Phi_{77}^3$
163149	1980	1979	$\frac{124}{1979}$	$\frac{134}{1979}$	$\frac{371}{1979}$	$\frac{615}{1979}$	$\Phi_{1979}\ \Phi_1^2$
163150	1980	2668	$\frac{1}{23}$	$\frac{2}{29}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{2668}\ \Phi_{1334}\ \Phi_{92}^2\ \Phi_{46}^2$
163151	1980	1015	$\frac{2}{35}$	$\frac{2}{29}$	$\frac{1}{5}$	$\frac{9}{29}$	$\Phi_{1015}^2\ \Phi_{203}^2\ \Phi_{145}\ \Phi_{35}^4\ \Phi_{29}^2\ \Phi_7^4\ \Phi_5^2\ \Phi_1^4$
163152	1980	377	$\frac{2}{29}$	$\frac{1}{13}$	$\frac{2}{13}$	$\frac{9}{29}$	$\Phi_{377}^5\ \Phi_{29}^6\ \Phi_{13}^{10}\ \Phi_1^{12}$
163153	1980	2436	$\frac{2}{29}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{9}{29}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{812}\ \Phi_{609}\ \Phi_{406}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
163154	1980	1979	$\frac{91}{1979}$	$\frac{137}{1979}$	$\frac{472}{1979}$	$\frac{614}{1979}$	$\Phi_{1979}\ \Phi_1^2$
163155	1980	2100	$\frac{1}{21}$	$\frac{7}{100}$	$\frac{23}{100}$	$\frac{31}{100}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}\ \Phi_{140}\ \Phi_{105}\ \Phi_{84}\ \Phi_{75}\ \Phi_{70}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
163156	1980	2172	$\frac{13}{181}$	$\frac{1}{12}$	$\frac{25}{181}$	$\frac{56}{181}$	$\Phi_{2172}\ \Phi_{1086}\ \Phi_{724}\ \Phi_{543}\ \Phi_{362}$
163157	1980	1979	$\frac{114}{1979}$	$\frac{146}{1979}$	$\frac{373}{1979}$	$\frac{611}{1979}$	$\Phi_{1979}\ \Phi_1^2$
163158	1980	2128	$\frac{1}{16}$	$\frac{10}{133}$	$\frac{23}{133}$	$\frac{41}{133}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{532}\ \Phi_{304}\ \Phi_{266}\ \Phi_{152}\ \Phi_{112}\ \Phi_{76}\ \Phi_{56}\ \Phi_{38}\ \Phi_{28}\ \Phi_{14}$
163159	1980	1979	$\frac{137}{1979}$	$\frac{152}{1979}$	$\frac{307}{1979}$	$\frac{609}{1979}$	$\Phi_{1979}\ \Phi_1^2$
163160	1980	1979	$\frac{152}{1979}$	$\frac{155}{1979}$	$\frac{274}{1979}$	$\frac{609}{1979}$	$\Phi_{1979}\ \Phi_1^2$
163161	1980	299	$\frac{1}{23}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{299}^7\ \Phi_{23}^6$
163162	1980	2382	$\frac{25}{397}$	$\frac{31}{397}$	$\frac{1}{6}$	$\frac{122}{397}$	$\Phi_{2382}\ \Phi_{1191}\ \Phi_{794}$
163163	1980	2158	$\frac{1}{13}$	$\frac{13}{166}$	$\frac{23}{166}$	$\frac{51}{166}$	$\Phi_{2158}\ \Phi_{1079}\ \Phi_{26}$
163164	1980	2189	$\frac{16}{199}$	$\frac{1}{11}$	$\frac{23}{199}$	$\frac{61}{199}$	Φ_{2189}
163165	1980	1979	$\frac{164}{1979}$	$\frac{175}{1979}$	$\frac{229}{1979}$	$\frac{605}{1979}$	$\Phi_{1979}\ \Phi_1^2$
163166	1980	1979	$\frac{125}{1979}$	$\frac{167}{1979}$	$\frac{309}{1979}$	$\frac{604}{1979}$	$\Phi_{1979}\ \Phi_1^2$
163167	1980	1979	$\frac{142}{1979}$	$\frac{167}{1979}$	$\frac{275}{1979}$	$\frac{604}{1979}$	$\Phi_{1979}\ \Phi_1^2$
163168	1980	2317	$\frac{23}{331}$	$\frac{28}{331}$	$\frac{1}{7}$	$\frac{101}{331}$	Φ_{2317}
163169	1980	2382	$\frac{23}{397}$	$\frac{34}{397}$	$\frac{1}{6}$	$\frac{121}{397}$	$\Phi_{2382}\ \Phi_{1191}\ \Phi_{794}$
163170	1980	1979	$\frac{109}{1979}$	$\frac{170}{1979}$	$\frac{344}{1979}$	$\frac{603}{1979}$	$\Phi_{1979}\ \Phi_1^2$
163171	1980	2480	$\frac{23}{496}$	$\frac{43}{496}$	$\frac{1}{5}$	$\frac{151}{496}$	$\Phi_{2480}\ \Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{155}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
163172	1980	1979	$\frac{76}{1979}$	$\frac{173}{1979}$	$\frac{459}{1979}$	$\frac{602}{1979}$	$\Phi_{1979}\ \Phi_1^2$
163173	1980	2644	$\frac{23}{661}$	$\frac{58}{661}$	$\frac{1}{4}$	$\frac{201}{661}$	$\Phi_{2644}\ \Phi_{1322}$
163174	1980	2172	$\frac{1}{12}$	$\frac{16}{181}$	$\frac{21}{181}$	$\frac{55}{181}$	$\Phi_{2172}\ \Phi_{1086}\ \Phi_{724}\ \Phi_{543}\ \Phi_{362}$
163175	1980	1979	$\frac{159}{1979}$	$\frac{182}{1979}$	$\frac{230}{1979}$	$\frac{599}{1979}$	$\Phi_{1979}\ \Phi_1^2$
163176	1980	2317	$\frac{21}{331}$	$\frac{31}{331}$	$\frac{1}{7}$	$\frac{100}{331}$	Φ_{2317}
163177	1980	1008	$\frac{1}{16}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{19}{63}$	$\Phi_{1008}^3\ \Phi_{504}^3\ \Phi_{252}^3\ \Phi_{144}^3\ \Phi_{126}^3\ \Phi_{112}\ \Phi_{72}^3\ \Phi_{56}\ \Phi_{36}^3\ \Phi_{28}\ \Phi_{18}^3\ \Phi_{14}$
163178	1980	1979	$\frac{69}{1979}$	$\frac{191}{1979}$	$\frac{461}{1979}$	$\frac{596}{1979}$	$\Phi_{1979}\ \Phi_1^2$
163179	1980	2644	$\frac{21}{661}$	$\frac{64}{661}$	$\frac{1}{4}$	$\frac{199}{661}$	$\Phi_{2644}\ \Phi_{1322}$
163180	1980	840	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{7}{40}$	$\frac{3}{10}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{280}^3\ \Phi_{210}\ \Phi_{168}^3\ \Phi_{140}^3\ \Phi_{120}^3\ \Phi_{105}\ \Phi_{84}^3\ \Phi_{70}\ \Phi_{60}^3\ \Phi_{56}^3\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^3\ \Phi_{24}^3\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}^3\ \Phi_6$
163181	1980	390	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{3}{26}$	$\frac{23}{78}$	$\Phi_{390}^8\ \Phi_{195}^8\ \Phi_{130}\ \Phi_{78}^4\ \Phi_{65}\ \Phi_{39}^4\ \Phi_{30}^8\ \Phi_{26}\ \Phi_{15}^8\ \Phi_6^4\ \Phi_3^4$
163182	1980	1853	$\frac{4}{109}$	$\frac{2}{17}$	$\frac{21}{109}$	$\frac{5}{17}$	$\Phi_{1853}\ \Phi_{109}^2\ \Phi_{17}^2\ \Phi_1^4$
163183	1980	2346	$\frac{1}{23}$	$\frac{2}{17}$	$\frac{1}{6}$	$\frac{5}{17}$	$\Phi_{2346}\ \Phi_{1173}\ \Phi_{782}\ \Phi_{138}^2\ \Phi_{69}^2\ \Phi_{46}^2$
163184	1980	1853	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{1853}\ \Phi_{109}^2\ \Phi_{17}^2\ \Phi_1^4$
163185	1980	2244	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{561}\ \Phi_{374}\ \Phi_{132}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{22}^2$
163186	1980	2664	$\frac{1}{37}$	$\frac{1}{8}$	$\frac{17}{72}$	$\frac{7}{24}$	$\Phi_{2664}\ \Phi_{1332}\ \Phi_{666}\ \Phi_{333}\ \Phi_{296}\ \Phi_{148}\ \Phi_{74}$
163187	1980	1979	$\frac{64}{1979}$	$\frac{266}{1979}$	$\frac{383}{1979}$	$\frac{571}{1979}$	$\Phi_{1979}\ \Phi_1^2$
163188	1980	1260	$\frac{1}{45}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{180}^3\ \Phi_{140}^2\ \Phi_{126}^2\ \Phi_{90}^3\ \Phi_{84}^2\ \Phi_{70}^2\ \Phi_{60}^3\ \Phi_{42}^2\ \Phi_{36}^3\ \Phi_{30}^3\ \Phi_{20}^3\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_{10}^3\ \Phi_6^3$
163189	1980	917	$\frac{3}{131}$	$\frac{1}{7}$	$\frac{32}{131}$	$\frac{2}{7}$	$\Phi_{917}^2\ \Phi_{131}^3\ \Phi_7^4\ \Phi_1^6$
163190	1980	518	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{2}{7}$	$\Phi_{518}^5\ \Phi_{259}^3\ \Phi_{74}^5\ \Phi_{37}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
163191	1980	1190	$\frac{1}{34}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{2}{7}$	$\Phi_{1190}^2\ \Phi_{595}^2\ \Phi_{170}^3\ \Phi_{85}^3\ \Phi_{70}^2\ \Phi_{10}^3$
163192	1980	917	$\frac{5}{131}$	$\frac{1}{7}$	$\frac{21}{131}$	$\frac{2}{7}$	$\Phi_{917}^2\ \Phi_{131}^3\ \Phi_{7}^4\ \Phi_{1}^6$
163193	1980	161	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{161}^{13}\ \Phi_{23}^{12}$
163194	1980	784	$\frac{1}{16}$	$\frac{5}{49}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{784}^3\ \Phi_{392}^3\ \Phi_{196}^3\ \Phi_{112}\ \Phi_{98}^3\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}$
163195	1980	917	$\frac{10}{131}$	$\frac{11}{131}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{917}^2\ \Phi_{131}^3\ \Phi_{7}^4\ \Phi_{1}^6$
163196	1980	1092	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{156}^3\ \Phi_{78}^3\ \Phi_{52}^3\ \Phi_{39}^3\ \Phi_{26}^3$
163197	1980	1979	$\frac{43}{1979}$	$\frac{299}{1979}$	$\frac{484}{1979}$	$\frac{560}{1979}$	$\Phi_{1979}\ \Phi_{1}^2$
163198	1980	1979	$\frac{129}{1979}$	$\frac{185}{1979}$	$\frac{299}{1979}$	$\frac{560}{1979}$	$\Phi_{1979}\ \Phi_{1}^2$
163199	1980	2070	$\frac{1}{45}$	$\frac{7}{46}$	$\frac{11}{46}$	$\frac{13}{46}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{414}\ \Phi_{345}\ \Phi_{230}\ \Phi_{207}\ \Phi_{138}\ \Phi_{115}\ \Phi_{90}\ \Phi_{69}\ \Phi_{30}\ \Phi_{18}\ \Phi_{10}\ \Phi_{6}$
163200	1980	1979	$\frac{142}{1979}$	$\frac{167}{1979}$	$\frac{302}{1979}$	$\frac{559}{1979}$	$\Phi_{1979}\ \Phi_{1}^2$
163201	1980	2172	$\frac{13}{181}$	$\frac{1}{12}$	$\frac{28}{181}$	$\frac{51}{181}$	$\Phi_{2172}\ \Phi_{1086}\ \Phi_{724}\ \Phi_{543}\ \Phi_{362}$
163202	1980	2189	$\frac{13}{199}$	$\frac{1}{11}$	$\frac{31}{199}$	$\frac{56}{199}$	Φ_{2189}
163203	1980	1530	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{8}{51}$	$\frac{43}{153}$	$\Phi_{1530}^2\ \Phi_{765}^2\ \Phi_{306}^2\ \Phi_{170}\ \Phi_{90}^2\ \Phi_{85}\ \Phi_{45}^2\ \Phi_{34}\ \Phi_{18}^2$
163204	1980	1979	$\frac{77}{1979}$	$\frac{285}{1979}$	$\frac{317}{1979}$	$\frac{554}{1979}$	$\Phi_{1979}\ \Phi_{1}^2$
163205	1980	2382	$\frac{13}{397}$	$\frac{64}{397}$	$\frac{1}{6}$	$\frac{111}{397}$	$\Phi_{2382}\ \Phi_{1191}\ \Phi_{794}$
163206	1980	2074	$\frac{1}{34}$	$\frac{10}{61}$	$\frac{11}{61}$	$\frac{17}{61}$	$\Phi_{2074}\ \Phi_{1037}\ \Phi_{122}$
163207	1980	1979	$\frac{65}{1979}$	$\frac{319}{1979}$	$\frac{332}{1979}$	$\frac{549}{1979}$	$\Phi_{1979}\ \Phi_{1}^2$
163208	1980	2093	$\frac{1}{23}$	$\frac{11}{91}$	$\frac{16}{91}$	$\frac{25}{91}$	$\Phi_{2093}\ \Phi_{299}\ \Phi_{161}$
163209	1980	616	$\frac{1}{56}$	$\frac{2}{11}$	$\frac{1}{4}$	$\frac{3}{11}$	$\Phi_{616}^3\ \Phi_{308}^3\ \Phi_{154}^3\ \Phi_{88}^3\ \Phi_{77}^3\ \Phi_{56}^6\ \Phi_{44}^2\ \Phi_{28}^6\ \Phi_{22}^2\ \Phi_{14}^6\ \Phi_{11}^3\ \Phi_{8}^6\ \Phi_{7}^6\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
163210	1980	451	$\frac{1}{41}$	$\frac{2}{11}$	$\frac{8}{41}$	$\frac{3}{11}$	$\Phi_{451}^4\ \Phi_{41}^8\ \Phi_{11}^5\ \Phi_{1}^{10}$
163211	1980	1122	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{1122}^2\ \Phi_{561}^2\ \Phi_{374}\ \Phi_{187}\ \Phi_{102}^4\ \Phi_{66}\ \Phi_{51}^4\ \Phi_{34}^2\ \Phi_{33}\ \Phi_{17}^2\ \Phi_{11}\ \Phi_{6}^2\ \Phi_{3}^2\ \Phi_{1}^2$
163212	1980	902	$\frac{5}{82}$	$\frac{7}{82}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{902}^2\ \Phi_{451}^2\ \Phi_{82}^4\ \Phi_{41}^4\ \Phi_{22}^2\ \Phi_{11}^3\ \Phi_{2}^4\ \Phi_{1}^6$
163213	1980	528	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{528}^4\ \Phi_{264}^4\ \Phi_{176}^3\ \Phi_{132}^3\ \Phi_{88}^3\ \Phi_{66}^3\ \Phi_{48}^8\ \Phi_{44}^2\ \Phi_{33}^3\ \Phi_{24}^8\ \Phi_{22}^2\ \Phi_{16}^6\ \Phi_{12}^6\ \Phi_{11}^3\ \Phi_{8}^6\ \Phi_{6}^6\ \Phi_{4}^4\ \Phi_{3}^6\ \Phi_{2}^4\ \Phi_{1}^6$
163214	1980	1979	$\frac{120}{1979}$	$\frac{169}{1979}$	$\frac{362}{1979}$	$\frac{539}{1979}$	$\Phi_{1979}\ \Phi_{1}^2$
163215	1980	1979	$\frac{131}{1979}$	$\frac{154}{1979}$	$\frac{365}{1979}$	$\frac{538}{1979}$	$\Phi_{1979}\ \Phi_{1}^2$
163216	1980	2158	$\frac{11}{166}$	$\frac{1}{13}$	$\frac{31}{166}$	$\frac{45}{166}$	$\Phi_{2158}\ \Phi_{1079}\ \Phi_{26}$
163217	1980	2172	$\frac{11}{181}$	$\frac{1}{12}$	$\frac{34}{181}$	$\frac{49}{181}$	$\Phi_{2172}\ \Phi_{1086}\ \Phi_{724}\ \Phi_{543}\ \Phi_{362}$
163218	1980	2072	$\frac{1}{56}$	$\frac{7}{37}$	$\frac{9}{37}$	$\frac{10}{37}$	$\Phi_{2072}\ \Phi_{1036}\ \Phi_{518}\ \Phi_{296}\ \Phi_{259}\ \Phi_{148}\ \Phi_{74}$
163219	1980	1979	$\frac{79}{1979}$	$\frac{241}{1979}$	$\frac{380}{1979}$	$\frac{533}{1979}$	$\Phi_{1979}\ \Phi_{1}^2$
163220	1980	2317	$\frac{11}{331}$	$\frac{1}{7}$	$\frac{64}{331}$	$\frac{89}{331}$	Φ_{2317}
163221	1980	1979	$\frac{49}{1979}$	$\frac{362}{1979}$	$\frac{386}{1979}$	$\frac{531}{1979}$	$\Phi_{1979}\ \Phi_{1}^2$
163222	1980	2480	$\frac{11}{496}$	$\frac{97}{496}$	$\frac{1}{5}$	$\frac{133}{496}$	$\Phi_{2480}\ \Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{155}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
163223	1980	1979	$\frac{34}{1979}$	$\frac{389}{1979}$	$\frac{483}{1979}$	$\frac{530}{1979}$	$\Phi_{1979}\ \Phi_{1}^2$
163224	1980	2644	$\frac{11}{661}$	$\frac{130}{661}$	$\frac{1}{4}$	$\frac{177}{661}$	$\Phi_{2644}\ \Phi_{1322}$
163225	1980	3660	$\frac{1}{61}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{3660}\ \Phi_{1830}\ \Phi_{732}\ \Phi_{366}\ \Phi_{244}\ \Phi_{122}$
163226	1980	2685	$\frac{3}{179}$	$\frac{1}{5}$	$\frac{44}{179}$	$\frac{4}{15}$	$\Phi_{2685}\ \Phi_{537}\ \Phi_{179}\ \Phi_{15}^2\ \Phi_{3}^2\ \Phi_{1}^2$
163227	1980	690	$\frac{1}{46}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{690}^4\ \Phi_{345}^4\ \Phi_{230}\ \Phi_{138}^4\ \Phi_{115}\ \Phi_{69}^4\ \Phi_{30}^4\ \Phi_{10}\ \Phi_{6}^4$
163228	1980	2685	$\frac{4}{179}$	$\frac{35}{179}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2685}\ \Phi_{537}\ \Phi_{179}\ \Phi_{15}^2\ \Phi_{3}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
163229	1980	1110	$\frac{1}{37}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1110}^2\ \Phi_{555}\ \Phi_{370}^2\ \Phi_{222}^3\ \Phi_{185}^2\ \Phi_{111}^2\ \Phi_{74}^3\ \Phi_{37}^2$
163230	1980	2685	$\frac{5}{179}$	$\frac{29}{179}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2685}\ \Phi_{537}\ \Phi_{179}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
163231	1980	3255	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{3255}\ \Phi_{651}\ \Phi_{217}$
163232	1980	2685	$\frac{8}{179}$	$\frac{19}{179}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2685}\ \Phi_{537}\ \Phi_{179}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
163233	1980	210	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{210}^{11}\ \Phi_{105}^9\ \Phi_{70}^{11}\ \Phi_{42}^{11}\ \Phi_{35}^9\ \Phi_{30}^6\ \Phi_{21}^8\ \Phi_{15}^5\ \Phi_{14}^{11}\ \Phi_{10}^{10}\ \Phi_7^8\ \Phi_6^6\ \Phi_5^8\ \Phi_3^4\ \Phi_2^{10}\ \Phi_1^8$
163234	1980	2685	$\frac{9}{179}$	$\frac{17}{179}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2685}\ \Phi_{537}\ \Phi_{179}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
163235	1980	3135	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{3135}\ \Phi_{627}\ \Phi_{209}$
163236	1980	2685	$\frac{11}{179}$	$\frac{14}{179}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2685}\ \Phi_{537}\ \Phi_{179}\ \Phi_{15}^2\ \Phi_3^2\ \Phi_1^2$
163237	1980	3120	$\frac{1}{16}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{624}\ \Phi_{390}\ \Phi_{312}\ \Phi_{208}\ \Phi_{156}\ \Phi_{104}\ \Phi_{78}\ \Phi_{52}\ \Phi_{26}$
163238	1980	1979	$\frac{44}{1979}$	$\frac{387}{1979}$	$\frac{398}{1979}$	$\frac{527}{1979}$	$\Phi_{1979}\ \Phi_1^2$
163239	1980	2074	$\frac{1}{34}$	$\frac{9}{61}$	$\frac{13}{61}$	$\frac{16}{61}$	$\Phi_{2074}\ \Phi_{1037}\ \Phi_{122}$
163240	1980	1979	$\frac{98}{1979}$	$\frac{171}{1979}$	$\frac{452}{1979}$	$\frac{509}{1979}$	$\Phi_{1979}\ \Phi_1^2$
163241	1980	2128	$\frac{1}{16}$	$\frac{9}{133}$	$\frac{31}{133}$	$\frac{34}{133}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{532}\ \Phi_{304}\ \Phi_{266}\ \Phi_{152}\ \Phi_{112}\ \Phi_{76}\ \Phi_{56}\ \Phi_{38}\ \Phi_{28}\ \Phi_{14}$
163242	1980	1979	$\frac{123}{1979}$	$\frac{134}{1979}$	$\frac{464}{1979}$	$\frac{505}{1979}$	$\Phi_{1979}\ \Phi_1^2$
163243	1980	2172	$\frac{9}{181}$	$\frac{1}{12}$	$\frac{43}{181}$	$\frac{46}{181}$	$\Phi_{2172}\ \Phi_{1086}\ \Phi_{724}\ \Phi_{543}\ \Phi_{362}$
163244	1980	1979	$\frac{51}{1979}$	$\frac{296}{1979}$	$\frac{482}{1979}$	$\frac{499}{1979}$	$\Phi_{1979}\ \Phi_1^2$
163245	1980	2382	$\frac{9}{397}$	$\frac{1}{6}$	$\frac{97}{397}$	$\frac{100}{397}$	$\Phi_{2382}\ \Phi_{1191}\ \Phi_{794}$
163246	1980	1979	$\frac{27}{1979}$	$\frac{488}{1979}$	$\frac{494}{1979}$	$\frac{497}{1979}$	$\Phi_{1979}\ \Phi_1^2$
163247	1980	2644	$\frac{9}{661}$	$\frac{163}{661}$	$\frac{1}{4}$	$\frac{166}{661}$	$\Phi_{2644}\ \Phi_{1322}$
163248	1980	292	$\frac{1}{73}$	$\frac{18}{73}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{292}^6\ \Phi_{146}^6\ \Phi_{73}^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{12}$
163249	1980	280	$\frac{1}{56}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{280}^9\ \Phi_{140}^9\ \Phi_{70}^9\ \Phi_{40}^9\ \Phi_{35}^9\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_5^6$
163250	1980	876	$\frac{4}{219}$	$\frac{43}{219}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{876}^2\ \Phi_{438}^2\ \Phi_{292}^2\ \Phi_{219}^3\ \Phi_{146}^2\ \Phi_{73}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
163251	1980	180	$\frac{1}{45}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{180}^{10}\ \Phi_{90}^{13}\ \Phi_{60}^{10}\ \Phi_{45}^{12}\ \Phi_{36}^{10}\ \Phi_{30}^{13}\ \Phi_{20}^{10}\ \Phi_{18}^{13}\ \Phi_{15}^{12}\ \Phi_{12}^6\ \Phi_{10}^{13}\ \Phi_9^{12}\ \Phi_6^8\ \Phi_5^{12}\ \Phi_4^8\ \Phi_3^7\ \Phi_2^{10}\ \Phi_1^{10}$
163252	1980	292	$\frac{3}{73}$	$\frac{7}{73}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{292}^6\ \Phi_{146}^6\ \Phi_{73}^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{12}$
163253	1980	1012	$\frac{1}{23}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{1012}^2\ \Phi_{506}^2\ \Phi_{253}^3$
163254	1980	876	$\frac{10}{219}$	$\frac{19}{219}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{876}^2\ \Phi_{438}^2\ \Phi_{292}^2\ \Phi_{219}^3\ \Phi_{146}^2\ \Phi_{73}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^6$
163255	1980	84	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{84}^{25}\ \Phi_{42}^{25}\ \Phi_{28}^{25}\ \Phi_{21}^{24}\ \Phi_{14}^{25}\ \Phi_{12}^{16}\ \Phi_7^{24}\ \Phi_6^{16}\ \Phi_4^{18}\ \Phi_3^{15}\ \Phi_2^{18}\ \Phi_1^{18}$
163256	1980	3280	$\frac{3}{164}$	$\frac{1}{5}$	$\frac{161}{656}$	$\frac{1}{4}$	$\Phi_{3280}\ \Phi_{1640}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
163257	1980	1572	$\frac{3}{131}$	$\frac{1}{6}$	$\frac{32}{131}$	$\frac{1}{4}$	$\Phi_{1572}^2\ \Phi_{786}\ \Phi_{524}\ \Phi_{393}\ \Phi_{131}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
163258	1980	2644	$\frac{17}{661}$	$\frac{100}{661}$	$\frac{161}{661}$	$\frac{1}{4}$	$\Phi_{2644}\ \Phi_{1322}$
163259	1980	708	$\frac{3}{59}$	$\frac{1}{12}$	$\frac{14}{59}$	$\frac{1}{4}$	$\Phi_{708}^3\ \Phi_{354}^3\ \Phi_{236}^2\ \Phi_{177}^3\ \Phi_{118}^2\ \Phi_{59}^3\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
163260	1980	936	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{17}{72}$	$\frac{1}{4}$	$\Phi_{936}^3\ \Phi_{468}\ \Phi_{312}^3\ \Phi_{234}^2\ \Phi_{156}\ \Phi_{117}^2\ \Phi_{104}^3\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{13}^2$
163261	1980	2644	$\frac{41}{661}$	$\frac{46}{661}$	$\frac{155}{661}$	$\frac{1}{4}$	$\Phi_{2644}\ \Phi_{1322}$
163262	1980	688	$\frac{1}{16}$	$\frac{3}{43}$	$\frac{10}{43}$	$\frac{1}{4}$	$\Phi_{688}^3\ \Phi_{344}^3\ \Phi_{172}^2\ \Phi_{86}^2\ \Phi_{43}^3\ \Phi_{16}^6\ \Phi_8^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
163263	1980	2644	$\frac{34}{661}$	$\frac{57}{661}$	$\frac{151}{661}$	$\frac{1}{4}$	$\Phi_{2644}\ \Phi_{1322}$
163264	1980	2688	$\frac{1}{21}$	$\frac{3}{32}$	$\frac{29}{128}$	$\frac{1}{4}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{896}\ \Phi_{448}\ \Phi_{384}\ \Phi_{192}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
163265	1980	868	$\frac{1}{31}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{1}{4}$	$\Phi_{868}^3\ \Phi_{434}\ \Phi_{217}^2\ \Phi_{124}^4\ \Phi_{62}^2\ \Phi_{31}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
163266	1980	1292	$\frac{1}{34}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{1292}^2\ \Phi_{646}\ \Phi_{323}\ \Phi_{76}\ \Phi_{68}^4\ \Phi_{34}^2\ \Phi_{19}\ \Phi_{17}^2\ \Phi_4^2\ \Phi_1^2$
163267	1980	2644	$\frac{16}{661}$	$\frac{129}{661}$	$\frac{133}{661}$	$\frac{1}{4}$	$\Phi_{2644}\ \Phi_{1322}$
163268	1980	820	$\frac{1}{41}$	$\frac{8}{41}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{820}^4\ \Phi_{410}^4\ \Phi_{20}^5\ \Phi_{10}^5$
163269	1980	1020	$\frac{1}{34}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1020}^4\ \Phi_{510}^2\ \Phi_{340}^2\ \Phi_{255}^2\ \Phi_{170}\ \Phi_{85}\ \Phi_{60}^2\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
163270	1980	1540	$\frac{2}{35}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1540}^2\ \Phi_{770}^2\ \Phi_{308}^2\ \Phi_{220}\ \Phi_{154}^2\ \Phi_{110}\ \Phi_{44}^2\ \Phi_{22}^2$
163271	1980	820	$\frac{5}{82}$	$\frac{7}{82}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{820}^4\ \Phi_{410}^2\ \Phi_{205}^2\ \Phi_{20}^5\ \Phi_{10}^3\ \Phi_5^2$
163272	1980	240	$\frac{1}{16}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{240}^{12}\ \Phi_{120}^{12}\ \Phi_{80}^9\ \Phi_{60}^9\ \Phi_{40}^9\ \Phi_{30}^9\ \Phi_{20}^7\ \Phi_{15}^9\ \Phi_{10}^7\ \Phi_5^6$
163273	1980	3052	$\frac{4}{109}$	$\frac{1}{7}$	$\frac{21}{109}$	$\frac{1}{4}$	$\Phi_{3052}\ \Phi_{1526}\ \Phi_{28}^2\ \Phi_{14}^2$
163274	1980	2644	$\frac{26}{661}$	$\frac{89}{661}$	$\frac{127}{661}$	$\frac{1}{4}$	$\Phi_{2644}\ \Phi_{1322}$
163275	1980	336	$\frac{1}{21}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^5\ \Phi_{84}^7\ \Phi_{56}^5\ \Phi_{48}^6\ \Phi_{42}^7\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_{12}^7\ \Phi_8^6\ \Phi_7^5\ \Phi_6^7\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
163276	1980	708	$\frac{4}{59}$	$\frac{1}{12}$	$\frac{11}{59}$	$\frac{1}{4}$	$\Phi_{708}^3\ \Phi_{354}^3\ \Phi_{236}^2\ \Phi_{177}^3\ \Phi_{118}^2\ \Phi_{59}^3\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
163277	1980	1404	$\frac{2}{27}$	$\frac{1}{13}$	$\frac{5}{27}$	$\frac{1}{4}$	$\Phi_{1404}^2\ \Phi_{702}^2\ \Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}^3\ \Phi_{26}^3$
163278	1980	2644	$\frac{49}{661}$	$\frac{51}{661}$	$\frac{122}{661}$	$\frac{1}{4}$	$\Phi_{2644}\ \Phi_{1322}$
163279	1980	2644	$\frac{45}{661}$	$\frac{56}{661}$	$\frac{121}{661}$	$\frac{1}{4}$	$\Phi_{2644}\ \Phi_{1322}$
163280	1980	840	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{4}$	$\Phi_{840}^3\ \Phi_{420}^3\ \Phi_{280}^3\ \Phi_{210}^3\ \Phi_{140}^3\ \Phi_{120}^3\ \Phi_{105}^3\ \Phi_{84}\ \Phi_{70}^3\ \Phi_{60}^3\ \Phi_{42}\ \Phi_{35}^3\ \Phi_{30}^3\ \Phi_{28}\ \Phi_{15}^3\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
163281	1980	2668	$\frac{1}{23}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{4}$	$\Phi_{2668}\ \Phi_{1334}\ \Phi_{92}^2\ \Phi_{46}^2$
163282	1980	2644	$\frac{25}{661}$	$\frac{106}{661}$	$\frac{111}{661}$	$\frac{1}{4}$	$\Phi_{2644}\ \Phi_{1322}$
163283	1980	1572	$\frac{5}{131}$	$\frac{21}{131}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1572}^2\ \Phi_{786}\ \Phi_{524}\ \Phi_{393}\ \Phi_{131}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
163284	1980	1932	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1932}^2\ \Phi_{966}\ \Phi_{644}\ \Phi_{483}\ \Phi_{161}$
163285	1980	1572	$\frac{10}{131}$	$\frac{11}{131}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1572}^2\ \Phi_{786}\ \Phi_{524}\ \Phi_{393}\ \Phi_{131}\ \Phi_{12}^4\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
163286	1980	156	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{156}^{13}\ \Phi_{78}^{14}\ \Phi_{52}^{14}\ \Phi_{39}^{14}\ \Phi_{26}^{15}\ \Phi_{13}^{14}$
163287	1980	572	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{2}{13}$	$\frac{1}{4}$	$\Phi_{572}^5\ \Phi_{286}^5\ \Phi_{44}^6\ \Phi_{22}^6$
163288	1980	2644	$\frac{55}{661}$	$\frac{56}{661}$	$\frac{101}{661}$	$\frac{1}{4}$	$\Phi_{2644}\ \Phi_{1322}$
163289	1980	708	$\frac{1}{12}$	$\frac{5}{59}$	$\frac{9}{59}$	$\frac{1}{4}$	$\Phi_{708}^3\ \Phi_{354}^3\ \Phi_{236}^2\ \Phi_{177}^3\ \Phi_{118}^2\ \Phi_{59}^3\ \Phi_{12}^6\ \Phi_6^6\ \Phi_4^4\ \Phi_3^6\ \Phi_2^4\ \Phi_1^6$
163290	1980	2644	$\frac{51}{661}$	$\frac{61}{661}$	$\frac{100}{661}$	$\frac{1}{4}$	$\Phi_{2644}\ \Phi_{1322}$
163291	1980	3052	$\frac{9}{109}$	$\frac{10}{109}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{3052}\ \Phi_{1526}\ \Phi_{28}^2\ \Phi_{14}^2$
163292	1980	924	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{924}^3\ \Phi_{462}^3\ \Phi_{308}^2\ \Phi_{231}^3\ \Phi_{154}^2\ \Phi_{77}^3$
163293	1980	3276	$\frac{1}{13}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{4}$	$\Phi_{3276}\ \Phi_{1638}\ \Phi_{1092}\ \Phi_{546}\ \Phi_{364}\ \Phi_{182}\ \Phi_{52}\ \Phi_{26}$
163294	1980	2360	$\frac{3}{59}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{14}{59}$	$\Phi_{2360}\ \Phi_{1180}\ \Phi_{590}\ \Phi_{295}\ \Phi_{59}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_5^2\ \Phi_1^2$
163295	1980	2520	$\frac{1}{18}$	$\frac{3}{35}$	$\frac{8}{35}$	$\frac{17}{72}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}^2\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}^2\ \Phi_{20}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
163296	1980	360	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{17}{72}$	$\Phi_{360}^7\ \Phi_{180}^7\ \Phi_{120}^7\ \Phi_{72}^8\ \Phi_{60}^7\ \Phi_{40}^7\ \Phi_{36}^8\ \Phi_{24}^8\ \Phi_{20}^7\ \Phi_{12}^8\ \Phi_{10}^4\ \Phi_8^8\ \Phi_5^3\ \Phi_4^8\ \Phi_2^4\ \Phi_1^4$
163297	1980	504	$\frac{1}{18}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{17}{72}$	$\Phi_{504}^5\ \Phi_{252}^5\ \Phi_{168}^5\ \Phi_{84}^5\ \Phi_{72}^6\ \Phi_{56}^5\ \Phi_{36}^6\ \Phi_{28}^5\ \Phi_{24}^6\ \Phi_{12}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_4^6\ \Phi_1^6$
163298	1980	340	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{13}{68}$	$\frac{4}{17}$	$\Phi_{340}^8\ \Phi_{170}^5\ \Phi_{85}^5\ \Phi_{68}^4\ \Phi_{34}\ \Phi_{20}^8\ \Phi_{17}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_4^4\ \Phi_1^4$
163299	1980	473	$\frac{3}{43}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{10}{43}$	$\Phi_{473}^4\ \Phi_{43}^5\ \Phi_{11}^8\ \Phi_1^{10}$
163300	1980	1290	$\frac{3}{43}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{10}{43}$	$\Phi_{1290}^2\ \Phi_{645}^2\ \Phi_{430}\ \Phi_{258}\ \Phi_{215}\ \Phi_{129}\ \Phi_{43}\ \Phi_{30}^4\ \Phi_{15}^4\ \Phi_{10}^2\ \Phi_6^2\ \Phi_5^2\ \Phi_3^2\ \Phi_1^2$
163301	1980	1979	$\frac{147}{1979}$	$\frac{169}{1979}$	$\frac{362}{1979}$	$\frac{458}{1979}$	$\Phi_{1979}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
163302	1980	130	$\frac{1}{13}$	$\frac{1}{10}$	$\frac{2}{13}$	$\frac{3}{13}$	$\Phi_{130}^{17}\ \Phi_{65}^{17}\ \Phi_{26}^{17}\ \Phi_{10}^{16}\ \Phi_{5}^{16}\ \Phi_{2}^{16}$
163303	1980	1979	$\frac{163}{1979}$	$\frac{186}{1979}$	$\frac{305}{1979}$	$\frac{454}{1979}$	$\Phi_{1979}\ \Phi_{1}^{2}$
163304	1980	2382	$\frac{33}{397}$	$\frac{34}{397}$	$\frac{1}{6}$	$\frac{91}{397}$	$\Phi_{2382}\ \Phi_{1191}\ \Phi_{794}$
163305	1980	945	$\frac{2}{27}$	$\frac{3}{35}$	$\frac{5}{27}$	$\frac{8}{35}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{135}^{2}\ \Phi_{105}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{35}^{3}\ \Phi_{27}^{4}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{9}^{4}\ \Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{6}$
163306	1980	420	$\frac{1}{12}$	$\frac{3}{35}$	$\frac{1}{6}$	$\frac{8}{35}$	$\Phi_{420}^{5}\ \Phi_{210}^{4}\ \Phi_{140}^{5}\ \Phi_{105}^{4}\ \Phi_{84}^{5}\ \Phi_{70}^{4}\ \Phi_{60}^{5}\ \Phi_{42}^{4}\ \Phi_{35}^{5}\ \Phi_{30}^{4}\ \Phi_{28}^{5}\ \Phi_{21}^{4}\ \Phi_{20}^{5}\ \Phi_{15}^{4}\ \Phi_{14}^{4}\ \Phi_{12}^{10}\ \Phi_{10}^{4}\ \Phi_{7}^{5}\ \Phi_{6}^{8}\ \Phi_{5}^{5}\ \Phi_{4}^{10}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
163307	1980	315	$\frac{3}{35}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{8}{35}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{63}^{7}\ \Phi_{45}^{6}\ \Phi_{35}^{7}\ \Phi_{21}^{7}\ \Phi_{15}^{6}\ \Phi_{9}^{6}\ \Phi_{7}^{8}\ \Phi_{5}^{7}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
163308	1980	1979	$\frac{139}{1979}$	$\frac{179}{1979}$	$\frac{368}{1979}$	$\frac{450}{1979}$	$\Phi_{1979}\ \Phi_{1}^{2}$
163309	1980	640	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{5}$	$\frac{29}{128}$	$\Phi_{640}^{5}\ \Phi_{320}^{5}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
163310	1980	2172	$\frac{1}{12}$	$\frac{17}{181}$	$\frac{28}{181}$	$\frac{41}{181}$	$\Phi_{2172}\ \Phi_{1086}\ \Phi_{724}\ \Phi_{543}\ \Phi_{362}$
163311	1980	1979	$\frac{152}{1979}$	$\frac{203}{1979}$	$\frac{307}{1979}$	$\frac{444}{1979}$	$\Phi_{1979}\ \Phi_{1}^{2}$
163312	1980	2382	$\frac{28}{397}$	$\frac{41}{397}$	$\frac{1}{6}$	$\frac{89}{397}$	$\Phi_{2382}\ \Phi_{1191}\ \Phi_{794}$
163313	1980	1288	$\frac{1}{23}$	$\frac{1}{7}$	$\frac{11}{56}$	$\frac{3}{14}$	$\Phi_{1288}^{2}\ \Phi_{644}^{2}\ \Phi_{184}^{2}\ \Phi_{161}\ \Phi_{92}^{2}$
163314	1980	1246	$\frac{4}{89}$	$\frac{1}{7}$	$\frac{17}{89}$	$\frac{3}{14}$	$\Phi_{1246}^{2}\ \Phi_{623}\ \Phi_{178}^{2}\ \Phi_{89}^{2}\ \Phi_{14}^{4}\ \Phi_{7}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
163315	1980	798	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{798}^{3}\ \Phi_{399}^{3}\ \Phi_{266}\ \Phi_{133}^{2}\ \Phi_{114}^{4}\ \Phi_{57}^{4}\ \Phi_{38}^{2}\ \Phi_{19}^{2}$
163316	1980	1246	$\frac{5}{89}$	$\frac{1}{7}$	$\frac{14}{89}$	$\frac{3}{14}$	$\Phi_{1246}^{2}\ \Phi_{623}\ \Phi_{178}^{2}\ \Phi_{89}^{2}\ \Phi_{14}^{4}\ \Phi_{7}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
163317	1980	112	$\frac{1}{16}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{112}^{19}\ \Phi_{56}^{19}\ \Phi_{28}^{19}\ \Phi_{16}^{18}\ \Phi_{14}^{7}\ \Phi_{8}^{18}\ \Phi_{7}^{12}\ \Phi_{4}^{18}\ \Phi_{2}^{6}\ \Phi_{1}^{12}$
163318	1980	1246	$\frac{8}{89}$	$\frac{9}{89}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{1246}^{2}\ \Phi_{623}\ \Phi_{178}^{2}\ \Phi_{89}^{2}\ \Phi_{14}^{4}\ \Phi_{7}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
163319	1980	770	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{770}^{3}\ \Phi_{385}^{3}\ \Phi_{154}\ \Phi_{110}^{4}\ \Phi_{77}^{2}\ \Phi_{55}^{4}\ \Phi_{22}^{2}\ \Phi_{11}^{2}$
163320	1980	665	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{665}^{3}\ \Phi_{133}^{2}\ \Phi_{95}^{3}\ \Phi_{35}^{6}\ \Phi_{19}^{3}\ \Phi_{7}^{4}\ \Phi_{5}^{6}\ \Phi_{1}^{6}$
163321	1980	304	$\frac{1}{16}$	$\frac{5}{38}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{304}^{7}\ \Phi_{152}^{7}\ \Phi_{76}^{7}\ \Phi_{38}^{3}\ \Phi_{19}^{4}\ \Phi_{16}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
163322	1980	2128	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{532}\ \Phi_{304}\ \Phi_{152}\ \Phi_{112}^{2}\ \Phi_{76}\ \Phi_{56}^{2}\ \Phi_{28}^{2}\ \Phi_{19}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
163323	1980	931	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{931}^{2}\ \Phi_{133}^{2}\ \Phi_{49}^{4}\ \Phi_{19}^{3}\ \Phi_{7}^{4}\ \Phi_{1}^{6}$
163324	1980	1140	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{1140}^{2}\ \Phi_{570}^{2}\ \Phi_{380}^{2}\ \Phi_{285}^{2}\ \Phi_{228}\ \Phi_{190}\ \Phi_{114}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}^{4}\ \Phi_{57}\ \Phi_{30}^{4}\ \Phi_{20}^{4}\ \Phi_{19}\ \Phi_{15}^{4}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
163325	1980	1979	$\frac{143}{1979}$	$\frac{204}{1979}$	$\frac{355}{1979}$	$\frac{406}{1979}$	$\Phi_{1979}\ \Phi_{1}^{2}$
163326	1980	2172	$\frac{1}{12}$	$\frac{16}{181}$	$\frac{33}{181}$	$\frac{37}{181}$	$\Phi_{2172}\ \Phi_{1086}\ \Phi_{724}\ \Phi_{543}\ \Phi_{362}$
163327	1980	1979	$\frac{164}{1979}$	$\frac{175}{1979}$	$\frac{363}{1979}$	$\frac{404}{1979}$	$\Phi_{1979}\ \Phi_{1}^{2}$
163328	1980	2210	$\frac{16}{221}$	$\frac{1}{10}$	$\frac{41}{221}$	$\frac{45}{221}$	$\Phi_{2210}\ \Phi_{1105}\ \Phi_{442}\ \Phi_{170}\ \Phi_{130}\ \Phi_{85}\ \Phi_{65}\ \Phi_{34}\ \Phi_{26}$
163329	1980	620	$\frac{1}{31}$	$\frac{6}{31}$	$\frac{1}{5}$	$\frac{25}{124}$	$\Phi_{620}^{5}\ \Phi_{310}^{5}\ \Phi_{155}\ \Phi_{20}^{5}\ \Phi_{10}^{5}$
163330	1980	560	$\frac{1}{16}$	$\frac{13}{112}$	$\frac{3}{16}$	$\frac{1}{5}$	$\Phi_{560}^{5}\ \Phi_{280}^{5}\ \Phi_{140}^{5}\ \Phi_{80}\ \Phi_{70}^{5}\ \Phi_{40}\ \Phi_{35}^{5}\ \Phi_{20}\ \Phi_{10}$
163331	1980	270	$\frac{2}{27}$	$\frac{1}{10}$	$\frac{5}{27}$	$\frac{1}{5}$	$\Phi_{270}^{8}\ \Phi_{135}^{6}\ \Phi_{90}^{8}\ \Phi_{54}^{8}\ \Phi_{45}^{6}\ \Phi_{30}^{8}\ \Phi_{27}^{8}\ \Phi_{18}^{8}\ \Phi_{15}^{6}\ \Phi_{10}^{12}\ \Phi_{9}^{8}\ \Phi_{6}^{8}\ \Phi_{5}^{9}\ \Phi_{3}^{8}\ \Phi_{2}^{12}\ \Phi_{1}^{12}$
163332	1980	2480	$\frac{41}{496}$	$\frac{45}{496}$	$\frac{91}{496}$	$\frac{1}{5}$	$\Phi_{2480}\ \Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{155}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
163333	1980	660	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{5}$	$\Phi_{660}^{4}\ \Phi_{330}^{4}\ \Phi_{220}^{4}\ \Phi_{165}^{4}\ \Phi_{110}^{4}\ \Phi_{60}^{5}\ \Phi_{30}^{5}\ \Phi_{20}^{5}\ \Phi_{15}^{5}\ \Phi_{10}^{5}$
163334	1980	2480	$\frac{37}{496}$	$\frac{51}{496}$	$\frac{89}{496}$	$\frac{1}{5}$	$\Phi_{2480}\ \Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{155}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
163335	1980	80	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1}{5}$	$\Phi_{80}^{25}\ \Phi_{40}^{22}\ \Phi_{20}^{22}\ \Phi_{16}^{32}\ \Phi_{10}^{22}\ \Phi_{8}^{28}\ \Phi_{5}^{21}\ \Phi_{4}^{28}\ \Phi_{2}^{28}\ \Phi_{1}^{28}$
163336	1980	1015	$\frac{2}{35}$	$\frac{4}{29}$	$\frac{5}{29}$	$\frac{1}{5}$	$\Phi_{1015}^{2}\ \Phi_{203}^{2}\ \Phi_{145}\ \Phi_{35}^{4}\ \Phi_{29}^{2}\ \Phi_{7}^{4}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
163337	1980	210	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{210}^{11}\ \Phi_{105}^{11}\ \Phi_{70}^{11}\ \Phi_{42}^{12}\ \Phi_{30}^{12}\ \Phi_{21}^{12}\ \Phi_{15}^{12}\ \Phi_{14}^{12}\ \Phi_{10}^{12}\ \Phi_{6}^{12}\ \Phi_{3}^{12}\ \Phi_{2}^{12}$
163338	1980	1680	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1680}^{2}\ \Phi_{840}^{2}\ \Phi_{560}\ \Phi_{420}^{2}\ \Phi_{280}\ \Phi_{240}^{2}\ \Phi_{140}\ \Phi_{120}^{2}\ \Phi_{80}\ \Phi_{60}^{2}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
163339	1980	1470	$\frac{4}{49}$	$\frac{5}{49}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{1470}^2\ \Phi_{735}^2\ \Phi_{490}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{30}^3\ \Phi_{15}^3\ \Phi_{10}^3$
163340	1980	60	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{60}^{35}\ \Phi_{30}^{28}\ \Phi_{20}^{35}\ \Phi_{15}^{28}\ \Phi_{12}^{40}\ \Phi_{10}^{32}\ \Phi_{6}^{32}\ \Phi_{5}^{31}\ \Phi_{4}^{40}\ \Phi_{3}^{32}\ \Phi_{2}^{36}\ \Phi_{1}^{36}$
163341	1980	320	$\frac{1}{16}$	$\frac{9}{64}$	$\frac{5}{32}$	$\frac{1}{5}$	$\Phi_{320}^9\ \Phi_{160}^6\ \Phi_{80}^7\ \Phi_{40}^7\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_{5}^6$
163342	1980	310	$\frac{3}{31}$	$\frac{7}{62}$	$\frac{4}{31}$	$\frac{1}{5}$	$\Phi_{310}^9\ \Phi_{155}^7\ \Phi_{10}^9\ \Phi_{5}^6$
163343	1980	630	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{5}$	$\Phi_{630}^4\ \Phi_{315}^3\ \Phi_{210}^4\ \Phi_{126}^4\ \Phi_{105}^3\ \Phi_{70}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{35}^3\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_{7}^4\ \Phi_{5}^3\ \Phi_{2}^4\ \Phi_{1}^4$
163344	1980	2360	$\frac{4}{59}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{11}{59}$	$\Phi_{2360}\ \Phi_{1180}\ \Phi_{590}\ \Phi_{295}\ \Phi_{59}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{1}^2$
163345	1980	189	$\frac{2}{27}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{5}{27}$	$\Phi_{189}^{10}\ \Phi_{63}^{10}\ \Phi_{27}^{12}\ \Phi_{21}^{10}\ \Phi_{9}^{12}\ \Phi_{7}^{15}\ \Phi_{3}^{12}\ \Phi_{1}^{18}$
163346	1980	1979	$\frac{154}{1979}$	$\frac{269}{1979}$	$\frac{285}{1979}$	$\frac{365}{1979}$	$\Phi_{1979}\ \Phi_{1}^2$
163347	1980	2317	$\frac{26}{331}$	$\frac{45}{331}$	$\frac{1}{7}$	$\frac{61}{331}$	Φ_{2317}
163348	1980	510	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{7}{51}$	$\frac{3}{17}$	$\Phi_{510}^5\ \Phi_{255}^5\ \Phi_{170}^3\ \Phi_{102}^5\ \Phi_{85}^3\ \Phi_{34}^3\ \Phi_{30}^5\ \Phi_{15}^5\ \Phi_{10}^2\ \Phi_{6}^5\ \Phi_{5}^2\ \Phi_{2}^2$
163349	1980	1560	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{40}$	$\Phi_{1560}^2\ \Phi_{780}^2\ \Phi_{520}\ \Phi_{390}^2\ \Phi_{260}\ \Phi_{195}^2\ \Phi_{130}\ \Phi_{78}\ \Phi_{65}\ \Phi_{39}\ \Phi_{26}$
163350	1980	2360	$\frac{5}{59}$	$\frac{1}{8}$	$\frac{9}{59}$	$\frac{7}{40}$	$\Phi_{2360}\ \Phi_{1180}\ \Phi_{590}\ \Phi_{295}\ \Phi_{59}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{1}^2$
163351	1980	3080	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{40}$	$\Phi_{3080}\ \Phi_{1540}\ \Phi_{770}\ \Phi_{385}\ \Phi_{77}$
163352	1980	377	$\frac{1}{13}$	$\frac{4}{29}$	$\frac{2}{13}$	$\frac{5}{29}$	$\Phi_{377}^5\ \Phi_{29}^6\ \Phi_{13}^{10}\ \Phi_{1}^{12}$
163353	1980	2436	$\frac{1}{12}$	$\frac{4}{29}$	$\frac{1}{7}$	$\frac{5}{29}$	$\Phi_{2436}\ \Phi_{1218}\ \Phi_{812}\ \Phi_{609}\ \Phi_{406}\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}^2$
163354	1980	1979	$\frac{149}{1979}$	$\frac{279}{1979}$	$\frac{305}{1979}$	$\frac{340}{1979}$	$\Phi_{1979}\ \Phi_{1}^2$
163355	1980	2172	$\frac{1}{12}$	$\frac{25}{181}$	$\frac{26}{181}$	$\frac{31}{181}$	$\Phi_{2172}\ \Phi_{1086}\ \Phi_{724}\ \Phi_{543}\ \Phi_{362}$
163356	1980	1979	$\frac{155}{1979}$	$\frac{274}{1979}$	$\frac{304}{1979}$	$\frac{335}{1979}$	$\Phi_{1979}\ \Phi_{1}^2$
163357	1980	2317	$\frac{25}{331}$	$\frac{1}{7}$	$\frac{51}{331}$	$\frac{56}{331}$	Φ_{2317}
163358	1980	546	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{2}{13}$	$\frac{1}{6}$	$\Phi_{546}^5\ \Phi_{273}^5\ \Phi_{182}^5\ \Phi_{42}^6\ \Phi_{21}^6\ \Phi_{14}^6$
163359	1980	2382	$\frac{31}{397}$	$\frac{56}{397}$	$\frac{61}{397}$	$\frac{1}{6}$	$\Phi_{2382}\ \Phi_{1191}\ \Phi_{794}$
163360	1980	84	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{84}^{25}\ \Phi_{42}^{20}\ \Phi_{28}^{25}\ \Phi_{21}^{20}\ \Phi_{14}^{20}\ \Phi_{12}^{30}\ \Phi_{7}^{25}\ \Phi_{6}^{24}\ \Phi_{4}^{30}\ \Phi_{3}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{30}$
163361	1980	63	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{1}{7}$	$\frac{1}{7}$	$\Phi_{63}^{31}\ \Phi_{21}^{31}\ \Phi_{9}^{30}\ \Phi_{7}^{36}\ \Phi_{3}^{30}\ \Phi_{1}^{36}$
163362	1981	3168	$\frac{1}{396}$	$\frac{397}{1584}$	$\frac{1187}{3168}$	$\frac{395}{792}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{792}\ \Phi_{352}\ \Phi_{288}\ \Phi_{264}\ \Phi_{96}\ \Phi_{88}\ \Phi_{72}\ \Phi_{32}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
163363	1981	3952	$\frac{5}{1976}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1971}{3952}$	$\Phi_{3952}\ \Phi_{304}\ \Phi_{208}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
163364	1981	564	$\frac{1}{282}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{281}{564}$	$\Phi_{564}\ \Phi_{282}^6\ \Phi_{188}\ \Phi_{141}^6\ \Phi_{94}^6\ \Phi_{47}^6\ \Phi_{12}^2\ \Phi_{6}^6\ \Phi_{4}^2\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^7$
163365	1981	1692	$\frac{1}{282}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{281}{564}$	$\Phi_{1692}^3\ \Phi_{564}\ \Phi_{188}\ \Phi_{36}^3\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
163366	1981	3520	$\frac{1}{220}$	$\frac{221}{1760}$	$\frac{1539}{3520}$	$\frac{219}{440}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{440}\ \Phi_{320}\ \Phi_{88}\ \Phi_{64}\ \Phi_{40}\ \Phi_{8}\ \Phi_{1}$
163367	1981	2640	$\frac{1}{220}$	$\frac{659}{2640}$	$\frac{221}{880}$	$\frac{219}{440}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{240}\ \Phi_{165}\ \Phi_{132}\ \Phi_{120}\ \Phi_{88}\ \Phi_{66}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{33}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
163368	1981	3600	$\frac{1}{180}$	$\frac{181}{1800}$	$\frac{1619}{3600}$	$\frac{179}{360}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{360}\ \Phi_{240}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
163369	1981	3936	$\frac{13}{1968}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{1955}{3936}$	$\Phi_{3936}\ \Phi_{1312}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
163370	1981	3936	$\frac{13}{1968}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1955}{3936}$	$\Phi_{3936}\ \Phi_{1312}\ \Phi_{96}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
163371	1981	528	$\frac{1}{132}$	$\frac{19}{264}$	$\frac{245}{528}$	$\frac{131}{264}$	$\Phi_{528}^7\ \Phi_{264}\ \Phi_{176}^7\ \Phi_{88}\ \Phi_{48}^7\ \Phi_{24}\ \Phi_{16}^7\ \Phi_{8}\ \Phi_{1}$
163372	1981	560	$\frac{3}{280}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{277}{560}$	$\Phi_{560}^7\ \Phi_{112}^7\ \Phi_{80}^7\ \Phi_{40}\ \Phi_{16}^7\ \Phi_{8}\ \Phi_{1}$
163373	1981	560	$\frac{3}{280}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{277}{560}$	$\Phi_{560}^7\ \Phi_{112}^7\ \Phi_{80}^7\ \Phi_{16}^7\ \Phi_{8}^3\ \Phi_{4}^2\ \Phi_{2}^2\ \Phi_{1}^3$
163374	1981	3904	$\frac{29}{1952}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1923}{3904}$	$\Phi_{3904}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
163375	1981	3840	$\frac{1}{60}$	$\frac{61}{1920}$	$\frac{1859}{3840}$	$\frac{59}{120}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{256}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
163376	1981	2880	$\frac{1}{60}$	$\frac{61}{960}$	$\frac{899}{2880}$	$\frac{59}{120}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{576}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{120}\ \Phi_{90}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
163377	1981	2160	$\frac{1}{60}$	$\frac{179}{2160}$	$\frac{61}{240}$	$\frac{59}{120}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
163378	1981	2400	$\frac{1}{60}$	$\frac{61}{480}$	$\frac{419}{2400}$	$\frac{59}{120}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
163379	1981	3888	$\frac{37}{1944}$	$\frac{1}{36}$	$\frac{35}{72}$	$\frac{1907}{3888}$	$\Phi_{3888}\ \Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
163380	1981	3888	$\frac{37}{1944}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1907}{3888}$	$\Phi_{3888}\ \Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
163381	1981	3872	$\frac{1}{44}$	$\frac{45}{1936}$	$\frac{1891}{3872}$	$\frac{43}{88}$	$\Phi_{3872}\ \Phi_{352}\ \Phi_{88}\ \Phi_{32}\ \Phi_{8}\ \Phi_{1}$
163382	1981	2904	$\frac{1}{44}$	$\frac{45}{968}$	$\frac{923}{2904}$	$\frac{43}{88}$	$\Phi_{2904}\ \Phi_{1452}\ \Phi_{726}\ \Phi_{363}\ \Phi_{264}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{33}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
163383	1981	2112	$\frac{1}{44}$	$\frac{131}{2112}$	$\frac{45}{176}$	$\frac{43}{88}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{192}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{64}\ \Phi_{48}\ \Phi_{33}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
163384	1981	2664	$\frac{17}{666}$	$\frac{1}{18}$	$\frac{683}{2664}$	$\frac{649}{1332}$	$\Phi_{2664}\ \Phi_{888}\ \Phi_{666}\ \Phi_{333}\ \Phi_{296}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}\ \Phi_{72}\ \Phi_{37}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
163385	1981	2592	$\frac{1}{36}$	$\frac{37}{648}$	$\frac{611}{2592}$	$\frac{35}{72}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
163386	1981	2160	$\frac{1}{36}$	$\frac{179}{2160}$	$\frac{37}{216}$	$\frac{35}{72}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
163387	1981	3840	$\frac{61}{1920}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{1859}{3840}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
163388	1981	3840	$\frac{61}{1920}$	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{1859}{3840}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{256}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
163389	1981	3800	$\frac{81}{1900}$	$\frac{1}{20}$	$\frac{19}{100}$	$\frac{1819}{3800}$	$\Phi_{3800}\ \Phi_{760}\ \Phi_{200}\ \Phi_{152}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{8}\ \Phi_{1}$
163390	1981	2048	$\frac{67}{2048}$	$\frac{3}{64}$	$\frac{1}{4}$	$\frac{61}{128}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
163391	1981	2400	$\frac{19}{400}$	$\frac{1}{20}$	$\frac{419}{2400}$	$\frac{381}{800}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{96}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
163392	1981	540	$\frac{1}{45}$	$\frac{13}{270}$	$\frac{44}{135}$	$\frac{257}{540}$	$\Phi_{540}^7\ \Phi_{180}^7\ \Phi_{135}\ \Phi_{108}^7\ \Phi_{60}^7\ \Phi_{36}^7\ \Phi_{27}\ \Phi_{20}^7\ \Phi_{12}^7\ \Phi_{4}^7\ \Phi_{1}$
163393	1981	540	$\frac{13}{270}$	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{257}{540}$	$\Phi_{540}^7\ \Phi_{180}^7\ \Phi_{108}^7\ \Phi_{60}^7\ \Phi_{36}^7\ \Phi_{20}^7\ \Phi_{15}^6\ \Phi_{12}^7\ \Phi_{5}^6\ \Phi_{4}^7\ \Phi_{3}^6\ \Phi_{1}^7$
163394	1981	2280	$\frac{14}{285}$	$\frac{1}{15}$	$\frac{299}{2280}$	$\frac{271}{570}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{456}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{19}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
163395	1981	320	$\frac{1}{20}$	$\frac{3}{40}$	$\frac{37}{320}$	$\frac{19}{40}$	$\Phi_{320}^7\ \Phi_{160}^7\ \Phi_{80}^7\ \Phi_{64}^7\ \Phi_{40}\ \Phi_{32}^7\ \Phi_{16}^7\ \Phi_{8}\ \Phi_{1}$
163396	1981	306	$\frac{8}{153}$	$\frac{23}{306}$	$\frac{1}{9}$	$\frac{145}{306}$	$\Phi_{306}^6\ \Phi_{153}^7\ \Phi_{102}^6\ \Phi_{51}^7\ \Phi_{34}^6\ \Phi_{18}^6\ \Phi_{17}^7\ \Phi_{9}^6\ \Phi_{6}^6\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^7$
163397	1981	3744	$\frac{1}{36}$	$\frac{109}{1872}$	$\frac{35}{144}$	$\frac{1763}{3744}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
163398	1981	3744	$\frac{109}{1872}$	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{1763}{3744}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{117}\ \Phi_{96}\ \Phi_{39}\ \Phi_{32}\ \Phi_{13}\ \Phi_{1}$
163399	1981	3720	$\frac{3}{124}$	$\frac{121}{1860}$	$\frac{1}{4}$	$\frac{1739}{3720}$	$\Phi_{3720}\ \Phi_{1240}\ \Phi_{744}\ \Phi_{248}\ \Phi_{124}\ \Phi_{120}\ \Phi_{62}\ \Phi_{40}\ \Phi_{31}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
163400	1981	2700	$\frac{1}{45}$	$\frac{44}{675}$	$\frac{719}{2700}$	$\frac{631}{1350}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{675}\ \Phi_{540}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{36}\ \Phi_{27}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
163401	1981	2106	$\frac{125}{2106}$	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{109}{234}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{702}\ \Phi_{351}\ \Phi_{162}\ \Phi_{117}\ \Phi_{81}\ \Phi_{54}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_{1}$
163402	1981	528	$\frac{1}{22}$	$\frac{19}{264}$	$\frac{3}{22}$	$\frac{245}{528}$	$\Phi_{528}^7\ \Phi_{176}^7\ \Phi_{48}^7\ \Phi_{22}^6\ \Phi_{16}^7\ \Phi_{11}^6\ \Phi_{2}^6\ \Phi_{1}^7$
163403	1981	2288	$\frac{1}{22}$	$\frac{21}{286}$	$\frac{307}{2288}$	$\frac{265}{572}$	$\Phi_{2288}\ \Phi_{1144}\ \Phi_{286}\ \Phi_{208}\ \Phi_{176}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
163404	1981	3672	$\frac{8}{153}$	$\frac{145}{1836}$	$\frac{1}{9}$	$\frac{1691}{3672}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{216}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}\ \Phi_{51}\ \Phi_{24}\ \Phi_{17}\ \Phi_{8}\ \Phi_{1}$
163405	1981	2952	$\frac{13}{984}$	$\frac{1}{12}$	$\frac{971}{2952}$	$\frac{11}{24}$	$\Phi_{2952}\ \Phi_{1476}\ \Phi_{738}\ \Phi_{369}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
163406	1981	288	$\frac{5}{288}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}^7\ \Phi_{72}^7\ \Phi_{48}^6\ \Phi_{36}^7\ \Phi_{32}^7\ \Phi_{24}^7\ \Phi_{18}^7\ \Phi_{16}^6\ \Phi_{12}^6\ \Phi_{9}^7\ \Phi_{8}^7\ \Phi_{6}^6\ \Phi_{4}^6\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^7$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
163407	1981	3600	$\frac{1}{45}$	$\frac{181}{1800}$	$\frac{44}{225}$	$\frac{1619}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{225}\ \Phi_{144}\ \Phi_{80}\ \Phi_{75}\ \Phi_{48}\ \Phi_{25}\ \Phi_{16}\ \Phi_1$
163408	1981	3600	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{181}{1800}$	$\frac{1619}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{144}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{25}\ \Phi_{16}\ \Phi_8\ \Phi_1$
163409	1981	2430	$\frac{1}{45}$	$\frac{44}{405}$	$\frac{449}{2430}$	$\frac{361}{810}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{486}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}\ \Phi_{81}\ \Phi_{27}\ \Phi_1$
163410	1981	3564	$\frac{1}{99}$	$\frac{199}{1782}$	$\frac{98}{297}$	$\frac{1583}{3564}$	$\Phi_{3564}\ \Phi_{1188}\ \Phi_{396}\ \Phi_{324}\ \Phi_{297}\ \Phi_{132}\ \Phi_{108}\ \Phi_{44}\ \Phi_{36}\ \Phi_{27}\ \Phi_{12}\ \Phi_4\ \Phi_1$
163411	1981	2304	$\frac{1}{36}$	$\frac{35}{288}$	$\frac{323}{2304}$	$\frac{253}{576}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
163412	1981	504	$\frac{1}{36}$	$\frac{31}{252}$	$\frac{5}{36}$	$\frac{221}{504}$	$\Phi_{504}^7\ \Phi_{168}^7\ \Phi_{72}^7\ \Phi_{56}^7\ \Phi_{36}^6\ \Phi_{24}^7\ \Phi_{18}^6\ \Phi_{12}^6\ \Phi_9^6\ \Phi_8^7\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
163413	1981	297	$\frac{14}{297}$	$\frac{8}{99}$	$\frac{13}{99}$	$\frac{43}{99}$	$\Phi_{297}^7\ \Phi_{99}^6\ \Phi_{33}^6\ \Phi_{27}^7\ \Phi_{11}^6\ \Phi_9^6\ \Phi_3^6\ \Phi_1^7$
163414	1981	300	$\frac{17}{300}$	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{30}$	$\Phi_{300}^7\ \Phi_{150}^7\ \Phi_{100}^7\ \Phi_{75}^7\ \Phi_{60}^7\ \Phi_{50}^7\ \Phi_{25}^7\ \Phi_{20}^7\ \Phi_{15}^6\ \Phi_{12}^7\ \Phi_5^6\ \Phi_4^7\ \Phi_3^6\ \Phi_1^7$
163415	1981	308	$\frac{1}{22}$	$\frac{25}{308}$	$\frac{3}{22}$	$\frac{19}{44}$	$\Phi_{308}^7\ \Phi_{154}^7\ \Phi_{77}^7\ \Phi_{28}^7\ \Phi_{22}^6\ \Phi_{14}^7\ \Phi_{11}^6\ \Phi_7^7\ \Phi_2^6\ \Phi_1^7$
163416	1981	496	$\frac{3}{248}$	$\frac{35}{248}$	$\frac{1}{4}$	$\frac{213}{496}$	$\Phi_{496}^7\ \Phi_{248}\ \Phi_{124}\ \Phi_{62}\ \Phi_{31}\ \Phi_{16}^7\ \Phi_8\ \Phi_1$
163417	1981	396	$\frac{1}{99}$	$\frac{14}{99}$	$\frac{113}{396}$	$\frac{85}{198}$	$\Phi_{396}^7\ \Phi_{132}^7\ \Phi_{99}^6\ \Phi_{44}^7\ \Phi_{36}^7\ \Phi_{33}^6\ \Phi_{12}^7\ \Phi_{11}^6\ \Phi_9^6\ \Phi_4^7\ \Phi_3^6\ \Phi_1^7$
163418	1981	3456	$\frac{1}{36}$	$\frac{35}{288}$	$\frac{253}{1728}$	$\frac{1475}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
163419	1981	3432	$\frac{1}{22}$	$\frac{21}{286}$	$\frac{265}{1716}$	$\frac{1451}{3432}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{312}\ \Phi_{286}\ \Phi_{264}\ \Phi_{143}\ \Phi_{104}\ \Phi_{88}\ \Phi_{26}\ \Phi_{24}\ \Phi_{13}\ \Phi_8\ \Phi_1$
163420	1981	3420	$\frac{14}{285}$	$\frac{1}{15}$	$\frac{271}{1710}$	$\frac{1439}{3420}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{180}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{36}\ \Phi_{20}\ \Phi_{19}\ \Phi_{12}\ \Phi_4\ \Phi_1$
163421	1981	1140	$\frac{2}{285}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{1140}^3\ \Phi_{380}^3\ \Phi_{285}\ \Phi_{228}^3\ \Phi_{95}\ \Phi_{76}^3\ \Phi_{60}^3\ \Phi_{57}\ \Phi_{20}^3\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
163422	1981	1692	$\frac{1}{141}$	$\frac{1}{6}$	$\frac{140}{423}$	$\frac{5}{12}$	$\Phi_{1692}^3\ \Phi_{423}\ \Phi_{36}^3\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
163423	1981	1128	$\frac{1}{94}$	$\frac{1}{6}$	$\frac{93}{376}$	$\frac{5}{12}$	$\Phi_{1128}^2\ \Phi_{376}^3\ \Phi_{282}^2\ \Phi_{188}\ \Phi_{141}^2\ \Phi_{94}^2\ \Phi_{47}^2\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^3$
163424	1981	288	$\frac{5}{288}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}^7\ \Phi_{72}^7\ \Phi_{48}^7\ \Phi_{36}^7\ \Phi_{32}^7\ \Phi_{24}^7\ \Phi_{18}^7\ \Phi_{16}^7\ \Phi_{12}^2\ \Phi_9^7\ \Phi_8^7\ \Phi_6^6\ \Phi_4^2\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
163425	1981	3948	$\frac{1}{47}$	$\frac{46}{329}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{3948}\ \Phi_{1316}\ \Phi_{329}\ \Phi_{84}\ \Phi_{28}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
163426	1981	2250	$\frac{1}{45}$	$\frac{269}{2250}$	$\frac{44}{225}$	$\frac{181}{450}$	$\Phi_{2250}\ \Phi_{1125}\ \Phi_{750}\ \Phi_{375}\ \Phi_{250}\ \Phi_{225}\ \Phi_{125}\ \Phi_{75}\ \Phi_{25}\ \Phi_1$
163427	1981	3240	$\frac{1}{180}$	$\frac{361}{1620}$	$\frac{179}{540}$	$\frac{1259}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{540}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{72}\ \Phi_{54}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
163428	1981	3240	$\frac{1}{45}$	$\frac{44}{405}$	$\frac{361}{1620}$	$\frac{1259}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{405}\ \Phi_{360}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{81}\ \Phi_{72}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_8\ \Phi_1$
163429	1981	2080	$\frac{99}{2080}$	$\frac{1}{20}$	$\frac{19}{80}$	$\frac{61}{160}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_1$
163430	1981	3200	$\frac{19}{400}$	$\frac{1}{20}$	$\frac{381}{1600}$	$\frac{1219}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{400}\ \Phi_{200}\ \Phi_{128}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{16}\ \Phi_8\ \Phi_1$
163431	1981	2880	$\frac{1}{180}$	$\frac{179}{720}$	$\frac{899}{2880}$	$\frac{541}{1440}$	$\Phi_{2880}\ \Phi_{960}\ \Phi_{720}\ \Phi_{576}\ \Phi_{360}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{144}\ \Phi_{120}\ \Phi_{80}\ \Phi_{72}\ \Phi_{64}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
163432	1981	288	$\frac{5}{288}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}^7\ \Phi_{72}^7\ \Phi_{48}^7\ \Phi_{36}^7\ \Phi_{32}^7\ \Phi_{24}^7\ \Phi_{18}^7\ \Phi_{16}^7\ \Phi_{12}^7\ \Phi_9^7\ \Phi_8^3\ \Phi_6^7\ \Phi_4^2\ \Phi_3^7\ \Phi_2^2\ \Phi_1^3$
163433	1981	304	$\frac{5}{152}$	$\frac{21}{304}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{304}^7\ \Phi_{152}^6\ \Phi_{76}^6\ \Phi_{38}^6\ \Phi_{19}^6\ \Phi_{16}^7\ \Phi_8^7\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
163434	1981	2080	$\frac{99}{2080}$	$\frac{5}{104}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{260}\ \Phi_{208}\ \Phi_{160}\ \Phi_{130}\ \Phi_{80}\ \Phi_{65}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
163435	1981	3168	$\frac{1}{132}$	$\frac{131}{528}$	$\frac{397}{1584}$	$\frac{1187}{3168}$	$\Phi_{3168}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{352}\ \Phi_{288}\ \Phi_{264}\ \Phi_{176}\ \Phi_{96}\ \Phi_{88}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_8\ \Phi_1$
163436	1981	432	$\frac{1}{36}$	$\frac{5}{72}$	$\frac{67}{216}$	$\frac{149}{432}$	$\Phi_{432}^7\ \Phi_{144}^7\ \Phi_{72}^7\ \Phi_{48}^7\ \Phi_{36}^6\ \Phi_{24}^7\ \Phi_{18}^6\ \Phi_{16}^7\ \Phi_{12}^6\ \Phi_9^6\ \Phi_8^7\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
163437	1981	2052	$\frac{71}{2052}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{513}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{114}\ \Phi_{76}\ \Phi_{57}\ \Phi_{54}\ \Phi_{38}\ \Phi_{27}\ \Phi_{19}\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
163438	1981	3000	$\frac{19}{500}$	$\frac{1}{20}$	$\frac{481}{1500}$	$\frac{1019}{3000}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{500}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{120}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{8}\ \Phi_{1}$
163439	1981	2160	$\frac{1}{45}$	$\frac{179}{2160}$	$\frac{44}{135}$	$\frac{91}{270}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
163440	1981	1704	$\frac{1}{71}$	$\frac{1}{8}$	$\frac{70}{213}$	$\frac{143}{426}$	$\Phi_{1704}\ \Phi_{852}\ \Phi_{568}^2\ \Phi_{284}^2\ \Phi_{213}\ \Phi_{142}\ \Phi_{71}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
163441	1981	2376	$\frac{1}{99}$	$\frac{395}{2376}$	$\frac{98}{297}$	$\frac{199}{594}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{396}\ \Phi_{297}\ \Phi_{264}\ \Phi_{216}\ \Phi_{132}\ \Phi_{108}\ \Phi_{88}\ \Phi_{72}\ \Phi_{44}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
163442	1981	2976	$\frac{3}{496}$	$\frac{1}{4}$	$\frac{493}{1488}$	$\frac{995}{2976}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{96}\ \Phi_{62}\ \Phi_{32}\ \Phi_{31}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
163443	1981	855	$\frac{2}{285}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{855}^3\ \Phi_{285}\ \Phi_{171}^3\ \Phi_{95}\ \Phi_{57}\ \Phi_{45}^3\ \Phi_{19}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
163444	1981	423	$\frac{1}{141}$	$\frac{2}{9}$	$\frac{140}{423}$	$\frac{1}{3}$	$\Phi_{423}^4\ \Phi_{141}^6\ \Phi_{47}^6\ \Phi_{9}^5\ \Phi_{3}^6\ \Phi_{1}^7$
163445	1981	3384	$\frac{1}{94}$	$\frac{2}{9}$	$\frac{93}{376}$	$\frac{1}{3}$	$\Phi_{3384}\ \Phi_{1692}\ \Phi_{376}\ \Phi_{188}\ \Phi_{72}\ \Phi_{36}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
163446	1981	288	$\frac{5}{288}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}^7\ \Phi_{72}^7\ \Phi_{48}^7\ \Phi_{36}^7\ \Phi_{32}^7\ \Phi_{24}^7\ \Phi_{18}^4\ \Phi_{16}^7\ \Phi_{12}^7\ \Phi_{9}^5\ \Phi_{8}^7\ \Phi_{6}^6\ \Phi_{4}^7\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^7$
163447	1981	2961	$\frac{1}{47}$	$\frac{46}{329}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2961}\ \Phi_{329}\ \Phi_{63}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
163448	1981	2673	$\frac{1}{99}$	$\frac{199}{891}$	$\frac{692}{2673}$	$\frac{98}{297}$	$\Phi_{2673}\ \Phi_{297}\ \Phi_{243}\ \Phi_{27}\ \Phi_{1}$
163449	1981	840	$\frac{3}{140}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{137}{420}$	$\Phi_{840}^4\ \Phi_{420}^3\ \Phi_{210}^3\ \Phi_{168}^4\ \Phi_{120}^4\ \Phi_{105}^3\ \Phi_{84}^3\ \Phi_{60}^3\ \Phi_{42}^3\ \Phi_{30}^3\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{8}^3\ \Phi_{6}^3\ \Phi_{4}^2\ \Phi_{3}^3\ \Phi_{2}^2\ \Phi_{1}^3$
163450	1981	405	$\frac{1}{45}$	$\frac{13}{135}$	$\frac{122}{405}$	$\frac{44}{135}$	$\Phi_{405}^7\ \Phi_{135}\ \Phi_{81}^7\ \Phi_{27}\ \Phi_{1}$
163451	1981	2232	$\frac{3}{124}$	$\frac{251}{2232}$	$\frac{1}{4}$	$\frac{121}{372}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{744}\ \Phi_{558}\ \Phi_{279}\ \Phi_{248}\ \Phi_{124}\ \Phi_{72}\ \Phi_{62}\ \Phi_{36}\ \Phi_{31}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
163452	1981	2916	$\frac{37}{972}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{935}{2916}$	$\Phi_{2916}\ \Phi_{1458}\ \Phi_{729}\ \Phi_{54}\ \Phi_{27}\ \Phi_{1}$
163453	1981	2112	$\frac{3}{64}$	$\frac{131}{2112}$	$\frac{1}{4}$	$\frac{61}{192}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{64}\ \Phi_{44}\ \Phi_{33}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
163454	1981	2565	$\frac{14}{285}$	$\frac{1}{15}$	$\frac{584}{2565}$	$\frac{271}{855}$	$\Phi_{2565}\ \Phi_{513}\ \Phi_{285}\ \Phi_{135}\ \Phi_{95}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_{1}$
163455	1981	2295	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{314}{2295}$	$\frac{145}{459}$	$\Phi_{2295}\ \Phi_{765}\ \Phi_{255}\ \Phi_{153}\ \Phi_{135}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}\ \Phi_{17}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
163456	1981	2592	$\frac{1}{18}$	$\frac{37}{648}$	$\frac{611}{2592}$	$\frac{17}{54}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{54}\ \Phi_{48}\ \Phi_{32}\ \Phi_{27}\ \Phi_{16}\ \Phi_{1}$
163457	1981	2106	$\frac{1}{18}$	$\frac{125}{2106}$	$\frac{37}{162}$	$\frac{17}{54}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{702}\ \Phi_{351}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{54}\ \Phi_{39}\ \Phi_{27}\ \Phi_{26}\ \Phi_{13}\ \Phi_{1}$
163458	1981	2430	$\frac{1}{18}$	$\frac{37}{486}$	$\frac{449}{2430}$	$\frac{17}{54}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{54}\ \Phi_{45}\ \Phi_{30}\ \Phi_{27}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
163459	1981	2160	$\frac{1}{18}$	$\frac{179}{2160}$	$\frac{37}{216}$	$\frac{17}{54}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{54}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{30}\ \Phi_{27}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
163460	1981	324	$\frac{1}{18}$	$\frac{37}{324}$	$\frac{41}{324}$	$\frac{17}{54}$	$\Phi_{324}^6\ \Phi_{162}^6\ \Phi_{108}^6\ \Phi_{81}^6\ \Phi_{54}^7\ \Phi_{36}^6\ \Phi_{27}^7\ \Phi_{18}^6\ \Phi_{12}^6\ \Phi_{9}^6\ \Phi_{6}^6\ \Phi_{4}^6\ \Phi_{3}^6\ \Phi_{2}^6\ \Phi_{1}^7$
163461	1981	2880	$\frac{3}{64}$	$\frac{61}{960}$	$\frac{1}{4}$	$\frac{899}{2880}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{576}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{72}\ \Phi_{64}\ \Phi_{45}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
163462	1981	2880	$\frac{1}{20}$	$\frac{61}{960}$	$\frac{19}{80}$	$\frac{899}{2880}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{576}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
163463	1981	2574	$\frac{1}{22}$	$\frac{21}{286}$	$\frac{593}{2574}$	$\frac{265}{858}$	$\Phi_{2574}\ \Phi_{1287}\ \Phi_{286}\ \Phi_{234}\ \Phi_{198}\ \Phi_{143}\ \Phi_{117}\ \Phi_{99}\ \Phi_{26}\ \Phi_{18}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
163464	1981	2400	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{419}{2400}$	$\frac{181}{600}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{96}\ \Phi_{80}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
163465	1981	405	$\frac{1}{15}$	$\frac{13}{135}$	$\frac{2}{15}$	$\frac{122}{405}$	$\Phi_{405}^7\ \Phi_{81}^7\ \Phi_{15}^6\ \Phi_{5}^6\ \Phi_{3}^6\ \Phi_{1}^7$
163466	1981	2808	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{109}{936}$	$\frac{827}{2808}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{216}\ \Phi_{117}\ \Phi_{108}\ \Phi_{54}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_{1}$
163467	1981	2592	$\frac{1}{36}$	$\frac{35}{288}$	$\frac{611}{2592}$	$\frac{253}{864}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{288}\ \Phi_{162}\ \Phi_{144}\ \Phi_{96}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
163468	1981	315	$\frac{1}{15}$	$\frac{32}{315}$	$\frac{2}{15}$	$\frac{13}{45}$	$\Phi_{315}^7\ \Phi_{105}^7\ \Phi_{63}^7\ \Phi_{35}^7\ \Phi_{21}^7\ \Phi_{15}^6\ \Phi_7^7\ \Phi_5^6\ \Phi_3^6\ \Phi_1^7$
163469	1981	330	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{47}{330}$	$\frac{19}{66}$	$\Phi_{330}^7\ \Phi_{165}^7\ \Phi_{110}^7\ \Phi_{55}^7\ \Phi_{30}^7\ \Phi_{22}^6\ \Phi_{15}^7\ \Phi_{11}^6\ \Phi_{10}^7\ \Phi_5^7\ \Phi_2^6\ \Phi_1^7$
163470	1981	396	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{19}{132}$	$\frac{113}{396}$	$\Phi_{396}^7\ \Phi_{198}^7\ \Phi_{99}^7\ \Phi_{36}^7\ \Phi_{22}^6\ \Phi_{18}^7\ \Phi_{11}^6\ \Phi_9^7\ \Phi_2^6\ \Phi_1^7$
163471	1981	2754	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{145}{918}$	$\frac{773}{2754}$	$\Phi_{2754}\ \Phi_{1377}\ \Phi_{162}\ \Phi_{153}\ \Phi_{81}\ \Phi_{51}\ \Phi_{17}\ \Phi_1$
163472	1981	288	$\frac{5}{288}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{288}^7\ \Phi_{144}^7\ \Phi_{96}^7\ \Phi_{72}^7\ \Phi_{48}^6\ \Phi_{36}^7\ \Phi_{32}^7\ \Phi_{24}^6\ \Phi_{18}^7\ \Phi_{16}^7\ \Phi_{12}^6\ \Phi_9^7\ \Phi_8^7\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^7$
163473	1981	2700	$\frac{1}{45}$	$\frac{44}{225}$	$\frac{181}{900}$	$\frac{719}{2700}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{270}\ \Phi_{225}\ \Phi_{135}\ \Phi_{108}\ \Phi_{75}\ \Phi_{54}\ \Phi_{27}\ \Phi_{25}\ \Phi_1$
163474	1981	2160	$\frac{1}{20}$	$\frac{179}{2160}$	$\frac{19}{80}$	$\frac{61}{240}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
163475	1981	2624	$\frac{13}{656}$	$\frac{3}{16}$	$\frac{643}{2624}$	$\frac{1}{4}$	$\Phi_{2624}\ \Phi_{1312}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
163476	1981	2560	$\frac{3}{64}$	$\frac{61}{640}$	$\frac{579}{2560}$	$\frac{1}{4}$	$\Phi_{2560}\ \Phi_{1280}\ \Phi_{512}\ \Phi_{256}\ \Phi_{64}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
163477	1981	2480	$\frac{3}{124}$	$\frac{121}{620}$	$\frac{499}{2480}$	$\frac{1}{4}$	$\Phi_{2480}\ \Phi_{1240}\ \Phi_{496}\ \Phi_{248}\ \Phi_{124}\ \Phi_{80}\ \Phi_{62}\ \Phi_{40}\ \Phi_{31}\ \Phi_{16}\ \Phi_8\ \Phi_1$
163478	1981	320	$\frac{3}{64}$	$\frac{37}{320}$	$\frac{61}{320}$	$\frac{1}{4}$	$\Phi_{320}^6\ \Phi_{160}^6\ \Phi_{80}^6\ \Phi_{64}^7\ \Phi_{40}^6\ \Phi_{32}^7\ \Phi_{20}^6\ \Phi_{16}^7\ \Phi_{10}^6\ \Phi_8^7\ \Phi_5^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
163479	1981	2304	$\frac{3}{64}$	$\frac{323}{2304}$	$\frac{61}{384}$	$\frac{1}{4}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{72}\ \Phi_{64}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_1$
163480	1981	336	$\frac{3}{56}$	$\frac{1}{8}$	$\frac{53}{336}$	$\frac{1}{4}$	$\Phi_{336}^7\ \Phi_{168}^7\ \Phi_{112}^7\ \Phi_{84}^7\ \Phi_{48}^7\ \Phi_{42}^7\ \Phi_{24}^7\ \Phi_{21}^7\ \Phi_{16}^7\ \Phi_{12}^7\ \Phi_8^3\ \Phi_6^7\ \Phi_4^2\ \Phi_3^7\ \Phi_2^2\ \Phi_1^3$
163481	1981	600	$\frac{17}{300}$	$\frac{1}{8}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{600}^4\ \Phi_{300}^3\ \Phi_{200}^4\ \Phi_{150}^3\ \Phi_{120}^4\ \Phi_{100}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{50}^3\ \Phi_{30}^3\ \Phi_{25}^3\ \Phi_{24}^4\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_8^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
163482	1981	320	$\frac{3}{40}$	$\frac{37}{320}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{320}^7\ \Phi_{160}^7\ \Phi_{80}^7\ \Phi_{64}^7\ \Phi_{32}^7\ \Phi_{16}^7\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
163483	1981	616	$\frac{25}{308}$	$\frac{3}{28}$	$\frac{1}{8}$	$\frac{1}{4}$	$\Phi_{616}^4\ \Phi_{308}^3\ \Phi_{154}^3\ \Phi_{88}^4\ \Phi_{77}^3\ \Phi_{44}^3\ \Phi_{22}^3\ \Phi_{11}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
163484	1981	2560	$\frac{1}{20}$	$\frac{61}{640}$	$\frac{579}{2560}$	$\frac{19}{80}$	$\Phi_{2560}\ \Phi_{1280}\ \Phi_{512}\ \Phi_{256}\ \Phi_{80}\ \Phi_{40}\ \Phi_{16}\ \Phi_8\ \Phi_1$
163485	1981	320	$\frac{1}{20}$	$\frac{37}{320}$	$\frac{61}{320}$	$\frac{19}{80}$	$\Phi_{320}^6\ \Phi_{160}^6\ \Phi_{80}^7\ \Phi_{64}^6\ \Phi_{40}^7\ \Phi_{32}^6\ \Phi_{20}^6\ \Phi_{16}^7\ \Phi_{10}^6\ \Phi_8^7\ \Phi_5^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
163486	1981	2400	$\frac{1}{20}$	$\frac{61}{480}$	$\frac{419}{2400}$	$\frac{19}{80}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{16}\ \Phi_8\ \Phi_1$
163487	1981	2448	$\frac{8}{153}$	$\frac{1}{9}$	$\frac{467}{2448}$	$\frac{145}{612}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{153}\ \Phi_{144}\ \Phi_{136}\ \Phi_{72}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_{17}\ \Phi_{16}\ \Phi_8\ \Phi_1$
163488	1981	2340	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{359}{2340}$	$\frac{109}{468}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{130}\ \Phi_{117}\ \Phi_{90}\ \Phi_{65}\ \Phi_{60}\ \Phi_{45}\ \Phi_{39}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}\ \Phi_5\ \Phi_1$
163489	1981	352	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{69}{352}$	$\frac{19}{88}$	$\Phi_{352}^7\ \Phi_{176}^7\ \Phi_{32}^7\ \Phi_{22}^6\ \Phi_{16}^7\ \Phi_{11}^6\ \Phi_2^6\ \Phi_1^7$
163490	1981	360	$\frac{1}{15}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{77}{360}$	$\Phi_{360}^7\ \Phi_{180}^7\ \Phi_{120}^7\ \Phi_{72}^7\ \Phi_{60}^7\ \Phi_{40}^7\ \Phi_{36}^7\ \Phi_{24}^7\ \Phi_{20}^7\ \Phi_{15}^6\ \Phi_{12}^7\ \Phi_8^7\ \Phi_5^6\ \Phi_4^7\ \Phi_3^6\ \Phi_1^7$
163491	1982	5928	$\frac{3}{988}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{985}{1976}$	$\Phi_{5928}\ \Phi_{456}\ \Phi_{312}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
163492	1982	1698	$\frac{1}{283}$	$\frac{142}{849}$	$\frac{707}{1698}$	$\frac{141}{283}$	$\Phi_{1698}^2\ \Phi_{566}^2\ \Phi_{283}\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
163493	1982	1974	$\frac{4}{987}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{983}{1974}$	$\Phi_{1974}^2\ \Phi_{658}^2\ \Phi_{282}^2\ \Phi_{94}^2\ \Phi_{42}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_2^2\ \Phi_1^2$
163494	1982	1968	$\frac{7}{984}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{977}{1968}$	$\Phi_{1968}^2\ \Phi_{656}^2\ \Phi_{48}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
163495	1982	1960	$\frac{11}{980}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{969}{1960}$	$\Phi_{1960}^2\ \Phi_{392}^2\ \Phi_{280}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
163496	1982	5856	$\frac{15}{976}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{961}{1952}$	$\Phi_{5856}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
163497	1982	5766	$\frac{30}{961}$	$\frac{1}{31}$	$\frac{1}{3}$	$\frac{931}{1922}$	$\Phi_{5766}\ \Phi_{186}\ \Phi_{93}\ \Phi_6$
163498	1982	3072	$\frac{1}{32}$	$\frac{33}{1024}$	$\frac{1}{3}$	$\frac{31}{64}$	$\Phi_{3072}\ \Phi_{1536}\ \Phi_{768}\ \Phi_{384}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
163499	1982	1920	$\frac{1}{32}$	$\frac{31}{960}$	$\frac{1}{3}$	$\frac{929}{1920}$	$\Phi_{1920}^2\ \Phi_{640}^2\ \Phi_{384}^2\ \Phi_{128}^2\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
163500	1982	1860	$\frac{1}{62}$	$\frac{61}{930}$	$\frac{1}{3}$	$\frac{869}{1860}$	$\Phi_{1860}^2\ \Phi_{620}^2\ \Phi_{372}^2\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{93}\ \Phi_{60}^2\ \Phi_{20}^2\ \Phi_{12}^2\ \Phi_6\ \Phi_4^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
163501	1982	5208	$\frac{1}{124}$	$\frac{123}{868}$	$\frac{1}{3}$	$\frac{745}{1736}$	$\Phi_{5208}\ \Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{168}\ \Phi_{93}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
163502	1982	1316	$\frac{4}{329}$	$\frac{1}{7}$	$\frac{325}{1316}$	$\frac{3}{7}$	$\Phi_{1316}^2\ \Phi_{658}^2\ \Phi_{188}^2\ \Phi_{94}^2\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
163503	1982	1008	$\frac{17}{1008}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^2$
163504	1982	1008	$\frac{17}{1008}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
163505	1982	1491	$\frac{6}{497}$	$\frac{1}{7}$	$\frac{491}{1491}$	$\frac{500}{1491}$	$\Phi_{1491}\ \Phi_{497}^2\ \Phi_{213}\ \Phi_{71}^2\ \Phi_{21}\ \Phi_7\ \Phi_3\ \Phi_1^2$
163506	1982	1488	$\frac{1}{248}$	$\frac{247}{744}$	$\frac{1}{3}$	$\frac{497}{1488}$	$\Phi_{1488}^2\ \Phi_{744}\ \Phi_{496}^2\ \Phi_{372}\ \Phi_{186}\ \Phi_{93}\ \Phi_{48}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}\ \Phi_6$
163507	1982	1116	$\frac{1}{62}$	$\frac{125}{1116}$	$\frac{61}{186}$	$\frac{1}{3}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{372}^2\ \Phi_{279}^2\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{93}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6\ \Phi_4^2$
163508	1982	1056	$\frac{1}{32}$	$\frac{65}{1056}$	$\frac{31}{96}$	$\frac{1}{3}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{96}\ \Phi_{88}^2\ \Phi_{66}^2\ \Phi_{48}\ \Phi_{44}^2\ \Phi_{33}^2\ \Phi_{24}\ \Phi_{22}^2\ \Phi_{12}\ \Phi_{11}^2\ \Phi_6$
163509	1982	1440	$\frac{1}{32}$	$\frac{31}{480}$	$\frac{449}{1440}$	$\frac{1}{3}$	$\Phi_{1440}^2\ \Phi_{720}^2\ \Phi_{360}^2\ \Phi_{288}^2\ \Phi_{180}^2\ \Phi_{144}^2\ \Phi_{96}\ \Phi_{90}^2\ \Phi_{72}^2\ \Phi_{48}\ \Phi_{45}^2\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
163510	1982	1008	$\frac{17}{1008}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_7^2\ \Phi_6$
163511	1982	3192	$\frac{3}{76}$	$\frac{73}{1064}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3192}\ \Phi_{1596}\ \Phi_{798}\ \Phi_{456}\ \Phi_{399}\ \Phi_{168}\ \Phi_{84}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
163512	1982	3120	$\frac{49}{1040}$	$\frac{3}{52}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{624}\ \Phi_{390}\ \Phi_{312}\ \Phi_{240}\ \Phi_{195}\ \Phi_{120}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
163513	1982	3936	$\frac{7}{328}$	$\frac{1}{8}$	$\frac{321}{1312}$	$\frac{1}{3}$	$\Phi_{3936}\ \Phi_{1968}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
163514	1982	3840	$\frac{1}{32}$	$\frac{31}{320}$	$\frac{289}{1280}$	$\frac{1}{3}$	$\Phi_{3840}\ \Phi_{1920}\ \Phi_{768}\ \Phi_{384}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
163515	1982	3720	$\frac{1}{62}$	$\frac{61}{310}$	$\frac{249}{1240}$	$\frac{1}{3}$	$\Phi_{3720}\ \Phi_{1860}\ \Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{120}\ \Phi_{93}\ \Phi_{60}\ \Phi_{24}\ \Phi_{12}\ \Phi_6$
163516	1982	3360	$\frac{1}{32}$	$\frac{129}{1120}$	$\frac{31}{160}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{672}\ \Phi_{420}\ \Phi_{336}\ \Phi_{210}\ \Phi_{168}\ \Phi_{105}\ \Phi_{96}\ \Phi_{84}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
163517	1982	1152	$\frac{1}{32}$	$\frac{161}{1152}$	$\frac{31}{192}$	$\frac{1}{3}$	$\Phi_{1152}^2\ \Phi_{576}^2\ \Phi_{384}^2\ \Phi_{288}^2\ \Phi_{144}^2\ \Phi_{128}^2\ \Phi_{96}\ \Phi_{72}^2\ \Phi_{48}\ \Phi_{36}^2\ \Phi_{24}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_9^2\ \Phi_6$
163518	1982	1470	$\frac{11}{490}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{479}{1470}$	$\Phi_{1470}^2\ \Phi_{735}^2\ \Phi_{294}^2\ \Phi_{210}^2\ \Phi_{147}^2\ \Phi_{105}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
163519	1982	1176	$\frac{11}{196}$	$\frac{1}{7}$	$\frac{185}{1176}$	$\frac{3}{14}$	$\Phi_{1176}^2\ \Phi_{588}^2\ \Phi_{392}^2\ \Phi_{294}^2\ \Phi_{168}^2\ \Phi_{147}^2\ \Phi_{84}^2\ \Phi_{56}^2\ \Phi_{42}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
163520	1982	1050	$\frac{59}{1050}$	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{3}{14}$	$\Phi_{1050}^2\ \Phi_{525}^2\ \Phi_{350}^2\ \Phi_{210}^2\ \Phi_{175}^2\ \Phi_{150}^2\ \Phi_{105}^2\ \Phi_{75}^2\ \Phi_{50}^2\ \Phi_{42}^2\ \Phi_{30}^2\ \Phi_{25}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{14}^2\ \Phi_7\ \Phi_6^2\ \Phi_3^2\ \Phi_2^2\ \Phi_1^2$
163521	1982	1120	$\frac{11}{140}$	$\frac{129}{1120}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{1120}^2\ \Phi_{560}^2\ \Phi_{280}^2\ \Phi_{224}^2\ \Phi_{160}^2\ \Phi_{112}^2\ \Phi_{80}^2\ \Phi_{56}^2\ \Phi_{40}^2\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_8^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
163522	1982	1078	$\frac{87}{1078}$	$\frac{11}{98}$	$\frac{1}{7}$	$\frac{3}{14}$	$\Phi_{1078}^2\ \Phi_{539}^2\ \Phi_{154}^2\ \Phi_{77}^2\ \Phi_{22}^2\ \Phi_{14}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_2^2\ \Phi_1^2$
163523	1983	991	$\frac{4}{991}$	$\frac{329}{991}$	$\frac{330}{991}$	$\frac{331}{991}$	$\Phi_{991}^2\ \Phi_1^3$
163524	1984	495	$\frac{1}{495}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{247}{495}$	$\Phi_{495}^4\ \Phi_{165}^4\ \Phi_{99}^4\ \Phi_{55}^4\ \Phi_{45}^4\ \Phi_{33}^4\ \Phi_{15}^4\ \Phi_{11}^4\ \Phi_9^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
163525	1984	1983	$\frac{5}{1983}$	$\frac{497}{1983}$	$\frac{743}{1983}$	$\frac{989}{1983}$	$\Phi_{1983}\ \Phi_{661}\ \Phi_3\ \Phi_1^2$
163526	1984	993	$\frac{1}{331}$	$\frac{83}{331}$	$\frac{1}{3}$	$\frac{165}{331}$	$\Phi_{993}^3\ \Phi_3^2$
163527	1984	1729	$\frac{1}{247}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{123}{247}$	$\Phi_{1729}\ \Phi_{247}^2\ \Phi_{133}\ \Phi_{91}\ \Phi_{19}^2\ \Phi_{13}^2\ \Phi_7^2\ \Phi_1^4$
163528	1984	3705	$\frac{1}{247}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{123}{247}$	$\Phi_{3705}\ \Phi_{285}\ \Phi_{195}\ \Phi_{15}^2$
163529	1984	661	$\frac{3}{661}$	$\frac{83}{661}$	$\frac{289}{661}$	$\frac{329}{661}$	$\Phi_{661}^3\ \Phi_1^4$
163530	1984	2485	$\frac{3}{497}$	$\frac{1}{5}$	$\frac{125}{497}$	$\frac{247}{497}$	$\Phi_{2485}\ \Phi_{355}\ \Phi_{35}$
163531	1984	1983	$\frac{13}{1983}$	$\frac{371}{1983}$	$\frac{499}{1983}$	$\frac{985}{1983}$	$\Phi_{1983}\ \Phi_{661}\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
163532	1984	993	$\frac{7}{993}$	$\frac{125}{993}$	$\frac{1}{3}$	$\frac{493}{993}$	$\Phi_{993}^2\ \Phi_{331}^2\ \Phi_3\ \Phi_1^2$
163533	1984	615	$\frac{1}{123}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{61}{123}$	$\Phi_{615}^3\ \Phi_{205}^3\ \Phi_{123}^4\ \Phi_{41}^4\ \Phi_{15}^4\ \Phi_5^4\ \Phi_3^5\ \Phi_1^6$
163534	1984	369	$\frac{1}{123}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{61}{123}$	$\Phi_{369}^6\ \Phi_{123}^4\ \Phi_{41}^4\ \Phi_9^8\ \Phi_3^5\ \Phi_1^6$
163535	1984	615	$\frac{1}{123}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{61}{123}$	$\Phi_{615}^3\ \Phi_{205}^3\ \Phi_{123}^4\ \Phi_{41}^4\ \Phi_{15}^3\ \Phi_5^6\ \Phi_3^4\ \Phi_1^8$
163536	1984	1983	$\frac{17}{1983}$	$\frac{125}{1983}$	$\frac{929}{1983}$	$\frac{983}{1983}$	$\Phi_{1983}\ \Phi_{661}\ \Phi_3\ \Phi_1^2$
163537	1984	747	$\frac{1}{83}$	$\frac{1}{9}$	$\frac{21}{83}$	$\frac{41}{83}$	$\Phi_{747}^3\ \Phi_{249}^3\ \Phi_9^2\ \Phi_3^2$
163538	1984	245	$\frac{3}{245}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{121}{245}$	$\Phi_{245}^8\ \Phi_{49}^8\ \Phi_{35}^9\ \Phi_7^8\ \Phi_5^8\ \Phi_1^8$
163539	1984	1983	$\frac{25}{1983}$	$\frac{251}{1983}$	$\frac{433}{1983}$	$\frac{979}{1983}$	$\Phi_{1983}\ \Phi_{661}\ \Phi_3\ \Phi_1^2$
163540	1984	355	$\frac{1}{71}$	$\frac{9}{71}$	$\frac{1}{5}$	$\frac{35}{71}$	$\Phi_{355}^7\ \Phi_5^6$
163541	1984	1983	$\frac{29}{1983}$	$\frac{185}{1983}$	$\frac{503}{1983}$	$\frac{977}{1983}$	$\Phi_{1983}\ \Phi_{661}\ \Phi_3\ \Phi_1^2$
163542	1984	993	$\frac{5}{331}$	$\frac{21}{331}$	$\frac{1}{3}$	$\frac{163}{331}$	$\Phi_{993}^3\ \Phi_3^2$
163543	1984	1260	$\frac{1}{63}$	$\frac{1}{30}$	$\frac{29}{60}$	$\frac{31}{63}$	$\Phi_{1260}^3\ \Phi_{420}^3\ \Phi_{252}^3\ \Phi_{180}^3\ \Phi_{140}^3\ \Phi_{84}^3\ \Phi_{63}\ \Phi_{60}^4\ \Phi_{36}^3\ \Phi_{28}^3\ \Phi_{21}\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_9\ \Phi_7\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
163544	1984	693	$\frac{1}{63}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{63}$	$\Phi_{693}^3\ \Phi_{231}^3\ \Phi_{99}^3\ \Phi_{77}^3\ \Phi_{63}\ \Phi_{33}^4\ \Phi_{21}\ \Phi_{11}^4\ \Phi_9\ \Phi_7\ \Phi_3\ \Phi_1^2$
163545	1984	315	$\frac{1}{63}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{31}{63}$	$\Phi_{315}^6\ \Phi_{105}^6\ \Phi_{63}^7\ \Phi_{45}^7\ \Phi_{35}^6\ \Phi_{21}^7\ \Phi_{15}^6\ \Phi_9^8\ \Phi_7^7\ \Phi_5^6\ \Phi_3^7\ \Phi_1^8$
163546	1984	2520	$\frac{1}{63}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{31}{63}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}^2\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_9\ \Phi_8^2\ \Phi_7\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
163547	1984	315	$\frac{1}{63}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{63}$	$\Phi_{315}^6\ \Phi_{105}^6\ \Phi_{63}^7\ \Phi_{45}^6\ \Phi_{35}^7\ \Phi_{21}^7\ \Phi_{15}^6\ \Phi_9^7\ \Phi_7^8\ \Phi_5^6\ \Phi_3^7\ \Phi_1^8$
163548	1984	252	$\frac{1}{63}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{31}{63}$	$\Phi_{252}^9\ \Phi_{126}^6\ \Phi_{84}^9\ \Phi_{63}^7\ \Phi_{42}^6\ \Phi_{36}^{10}\ \Phi_{28}^9\ \Phi_{21}^7\ \Phi_{18}^7\ \Phi_{14}^6\ \Phi_{12}^{10}\ \Phi_9^8\ \Phi_7^7\ \Phi_6^6\ \Phi_4^{10}\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
163549	1984	1891	$\frac{1}{61}$	$\frac{1}{31}$	$\frac{15}{31}$	$\frac{30}{61}$	$\Phi_{1891}\ \Phi_{61}^2\ \Phi_{31}^2\ \Phi_1^4$
163550	1984	3111	$\frac{1}{61}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{30}{61}$	$\Phi_{3111}\ \Phi_{51}^2$
163551	1984	1891	$\frac{1}{61}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{30}{61}$	$\Phi_{1891}\ \Phi_{61}^2\ \Phi_{31}^2\ \Phi_1^4$
163552	1984	2745	$\frac{1}{61}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{30}{61}$	$\Phi_{2745}\ \Phi_{915}\ \Phi_{45}^2\ \Phi_{15}^2$
163553	1984	661	$\frac{11}{661}$	$\frac{21}{661}$	$\frac{320}{661}$	$\frac{325}{661}$	$\Phi_{661}^3\ \Phi_1^4$
163554	1984	2125	$\frac{3}{125}$	$\frac{1}{17}$	$\frac{32}{125}$	$\frac{61}{125}$	$\Phi_{2125}\ \Phi_{425}\ \Phi_{85}$
163555	1984	1983	$\frac{49}{1983}$	$\frac{127}{1983}$	$\frac{464}{1983}$	$\frac{967}{1983}$	$\Phi_{1983}\ \Phi_{661}\ \Phi_3\ \Phi_1^2$
163556	1984	747	$\frac{7}{249}$	$\frac{1}{9}$	$\frac{32}{249}$	$\frac{121}{249}$	$\Phi_{747}^3\ \Phi_{249}^2\ \Phi_{83}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
163557	1984	661	$\frac{19}{661}$	$\frac{72}{661}$	$\frac{85}{661}$	$\frac{321}{661}$	$\Phi_{661}^3\ \Phi_1^4$
163558	1984	2485	$\frac{15}{497}$	$\frac{32}{497}$	$\frac{1}{5}$	$\frac{241}{497}$	$\Phi_{2485}\ \Phi_{355}\ \Phi_{35}$
163559	1984	1983	$\frac{61}{1983}$	$\frac{92}{1983}$	$\frac{511}{1983}$	$\frac{961}{1983}$	$\Phi_{1983}\ \Phi_{661}\ \Phi_3\ \Phi_1^2$
163560	1984	993	$\frac{31}{993}$	$\frac{32}{993}$	$\frac{1}{3}$	$\frac{481}{993}$	$\Phi_{993}^2\ \Phi_{331}^2\ \Phi_3\ \Phi_1^2$
163561	1984	2976	$\frac{1}{32}$	$\frac{1}{31}$	$\frac{1}{3}$	$\frac{15}{31}$	$\Phi_{2976}\ \Phi_{1488}\ \Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{96}^2\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{12}^2\ \Phi_6^2$
163562	1984	660	$\frac{1}{33}$	$\frac{1}{30}$	$\frac{1}{3}$	$\frac{29}{60}$	$\Phi_{660}^6\ \Phi_{220}^6\ \Phi_{132}^6\ \Phi_{60}^4\ \Phi_{44}^6\ \Phi_{33}^2\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
163563	1984	420	$\frac{1}{30}$	$\frac{1}{21}$	$\frac{5}{21}$	$\frac{29}{60}$	$\Phi_{420}^9\ \Phi_{140}^9\ \Phi_{84}^9\ \Phi_{60}^{10}\ \Phi_{28}^9\ \Phi_{21}^3\ \Phi_{20}^{10}\ \Phi_{12}^{10}\ \Phi_7^3\ \Phi_4^{10}\ \Phi_3^3\ \Phi_1^4$
163564	1984	1020	$\frac{1}{30}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{29}{60}$	$\Phi_{1020}^4\ \Phi_{340}^4\ \Phi_{204}^4\ \Phi_{85}\ \Phi_{68}^4$
163565	1984	420	$\frac{1}{30}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{29}{60}$	$\Phi_{420}^9\ \Phi_{140}^9\ \Phi_{84}^9\ \Phi_{60}^{10}\ \Phi_{35}^2\ \Phi_{28}^9\ \Phi_{20}^{10}\ \Phi_{12}^{10}\ \Phi_7\ \Phi_5^2\ \Phi_4^{10}\ \Phi_1^2$
163566	1984	180	$\frac{1}{30}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{29}{60}$	$\Phi_{180}^{21}\ \Phi_{60}^{22}\ \Phi_{36}^{21}\ \Phi_{20}^{22}\ \Phi_{12}^{22}\ \Phi_9^7\ \Phi_4^{22}\ \Phi_3^7\ \Phi_1^8$
163567	1984	1275	$\frac{1}{25}$	$\frac{1}{17}$	$\frac{13}{75}$	$\frac{12}{25}$	$\Phi_{1275}^2\ \Phi_{425}\ \Phi_{255}^2\ \Phi_{85}\ \Phi_{51}^2$
163568	1984	2080	$\frac{1}{32}$	$\frac{3}{65}$	$\frac{17}{65}$	$\frac{31}{65}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{260}\ \Phi_{208}\ \Phi_{160}\ \Phi_{130}\ \Phi_{104}\ \Phi_{80}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
163569	1984	462	$\frac{1}{33}$	$\frac{1}{21}$	$\frac{11}{42}$	$\frac{10}{21}$	$\Phi_{462}^{6}\ \Phi_{231}^{3}\ \Phi_{154}^{6}\ \Phi_{77}^{3}\ \Phi_{66}^{6}\ \Phi_{42}^{4}\ \Phi_{33}^{2}\ \Phi_{22}^{6}\ \Phi_{21}^{2}\ \Phi_{14}^{4}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
163570	1984	1983	$\frac{47}{1983}$	$\frac{121}{1983}$	$\frac{526}{1983}$	$\frac{931}{1983}$	$\Phi_{1983}\ \Phi_{661}\ \Phi_{3}\ \Phi_{1}^{2}$
163571	1984	993	$\frac{17}{993}$	$\frac{61}{993}$	$\frac{1}{3}$	$\frac{466}{993}$	$\Phi_{993}^{2}\ \Phi_{331}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
163572	1984	315	$\frac{1}{63}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{7}{15}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{63}^{8}\ \Phi_{45}^{6}\ \Phi_{35}^{6}\ \Phi_{21}^{8}\ \Phi_{15}^{4}\ \Phi_{9}^{8}\ \Phi_{7}^{8}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
163573	1984	615	$\frac{1}{41}$	$\frac{1}{15}$	$\frac{10}{41}$	$\frac{7}{15}$	$\Phi_{615}^{3}\ \Phi_{205}^{3}\ \Phi_{123}^{3}\ \Phi_{41}^{6}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
163574	1984	480	$\frac{1}{32}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{7}{15}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{5}\ \Phi_{120}^{4}\ \Phi_{96}^{4}\ \Phi_{80}^{5}\ \Phi_{60}^{4}\ \Phi_{48}^{4}\ \Phi_{40}^{5}\ \Phi_{32}^{4}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{5}\ \Phi_{16}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
163575	1984	1248	$\frac{1}{32}$	$\frac{1}{13}$	$\frac{7}{39}$	$\frac{6}{13}$	$\Phi_{1248}^{2}\ \Phi_{624}^{2}\ \Phi_{416}\ \Phi_{312}^{2}\ \Phi_{208}\ \Phi_{156}^{2}\ \Phi_{104}\ \Phi_{96}^{2}\ \Phi_{78}^{2}\ \Phi_{52}\ \Phi_{48}^{2}\ \Phi_{26}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
163576	1984	693	$\frac{1}{63}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{693}^{3}\ \Phi_{231}^{3}\ \Phi_{99}^{3}\ \Phi_{77}^{3}\ \Phi_{63}^{2}\ \Phi_{33}^{3}\ \Phi_{21}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}^{2}$
163577	1984	1983	$\frac{35}{1983}$	$\frac{187}{1983}$	$\frac{487}{1983}$	$\frac{898}{1983}$	$\Phi_{1983}\ \Phi_{661}\ \Phi_{3}\ \Phi_{1}^{2}$
163578	1984	3640	$\frac{1}{65}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{3640}\ \Phi_{728}\ \Phi_{520}\ \Phi_{280}\ \Phi_{260}\ \Phi_{130}\ \Phi_{104}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
163579	1984	1848	$\frac{1}{33}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{25}{56}$	$\Phi_{1848}^{2}\ \Phi_{616}^{2}\ \Phi_{264}^{2}\ \Phi_{231}\ \Phi_{168}^{2}\ \Phi_{88}^{2}\ \Phi_{77}\ \Phi_{24}^{2}\ \Phi_{21}$
163580	1984	2080	$\frac{1}{32}$	$\frac{7}{65}$	$\frac{9}{65}$	$\frac{29}{65}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{260}\ \Phi_{208}\ \Phi_{160}\ \Phi_{130}\ \Phi_{104}\ \Phi_{80}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
163581	1984	396	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{4}{9}$	$\Phi_{396}^{6}\ \Phi_{198}^{6}\ \Phi_{132}^{6}\ \Phi_{99}^{3}\ \Phi_{66}^{6}\ \Phi_{44}^{6}\ \Phi_{36}^{4}\ \Phi_{33}^{2}\ \Phi_{22}^{6}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
163582	1984	1983	$\frac{55}{1983}$	$\frac{241}{1983}$	$\frac{278}{1983}$	$\frac{871}{1983}$	$\Phi_{1983}\ \Phi_{661}\ \Phi_{3}\ \Phi_{1}^{2}$
163583	1984	2485	$\frac{9}{497}$	$\frac{61}{497}$	$\frac{1}{5}$	$\frac{218}{497}$	$\Phi_{2485}\ \Phi_{355}\ \Phi_{35}$
163584	1984	1983	$\frac{23}{1983}$	$\frac{245}{1983}$	$\frac{557}{1983}$	$\frac{869}{1983}$	$\Phi_{1983}\ \Phi_{661}\ \Phi_{3}\ \Phi_{1}^{2}$
163585	1984	993	$\frac{3}{331}$	$\frac{41}{331}$	$\frac{1}{3}$	$\frac{145}{331}$	$\Phi_{993}^{3}\ \Phi_{3}^{2}$
163586	1984	2625	$\frac{1}{125}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{2625}\ \Phi_{525}\ \Phi_{375}^{2}\ \Phi_{105}\ \Phi_{75}^{2}\ \Phi_{15}^{2}$
163587	1984	1729	$\frac{3}{247}$	$\frac{1}{7}$	$\frac{61}{247}$	$\frac{3}{7}$	$\Phi_{1729}\ \Phi_{247}^{2}\ \Phi_{133}\ \Phi_{91}\ \Phi_{19}^{2}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
163588	1984	315	$\frac{1}{63}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{3}{7}$	$\Phi_{315}^{8}\ \Phi_{105}^{8}\ \Phi_{45}^{8}\ \Phi_{35}^{7}\ \Phi_{15}^{8}\ \Phi_{5}^{6}$
163589	1984	1729	$\frac{7}{247}$	$\frac{30}{247}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1729}\ \Phi_{247}^{2}\ \Phi_{133}\ \Phi_{91}\ \Phi_{19}^{2}\ \Phi_{13}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{4}$
163590	1984	1155	$\frac{1}{33}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1155}^{2}\ \Phi_{385}^{2}\ \Phi_{231}\ \Phi_{165}^{2}\ \Phi_{105}^{2}\ \Phi_{77}\ \Phi_{55}^{2}\ \Phi_{21}\ \Phi_{15}^{2}$
163591	1984	2016	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}^{2}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}^{2}\ \Phi_{126}\ \Phi_{96}^{2}\ \Phi_{84}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{42}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
163592	1984	455	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{455}^{4}\ \Phi_{91}^{3}\ \Phi_{65}^{8}\ \Phi_{35}^{4}\ \Phi_{13}^{6}\ \Phi_{7}^{4}\ \Phi_{5}^{8}\ \Phi_{1}^{8}$
163593	1984	133	$\frac{1}{19}$	$\frac{9}{133}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{133}^{15}\ \Phi_{19}^{14}\ \Phi_{7}^{16}\ \Phi_{1}^{16}$
163594	1984	594	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{594}^{6}\ \Phi_{198}^{6}\ \Phi_{99}^{3}\ \Phi_{66}^{6}\ \Phi_{54}^{4}\ \Phi_{33}^{2}\ \Phi_{22}^{6}\ \Phi_{18}^{4}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
163595	1984	1065	$\frac{1}{71}$	$\frac{35}{213}$	$\frac{1}{5}$	$\frac{89}{213}$	$\Phi_{1065}^{2}\ \Phi_{355}^{3}\ \Phi_{15}^{2}\ \Phi_{5}^{2}$
163596	1984	2125	$\frac{1}{125}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{2125}\ \Phi_{425}\ \Phi_{85}$
163597	1984	1983	$\frac{19}{1983}$	$\frac{373}{1983}$	$\frac{491}{1983}$	$\frac{805}{1983}$	$\Phi_{1983}\ \Phi_{661}\ \Phi_{3}\ \Phi_{1}^{2}$
163598	1984	1120	$\frac{1}{32}$	$\frac{3}{35}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1120}^{2}\ \Phi_{560}^{2}\ \Phi_{280}^{2}\ \Phi_{224}^{2}\ \Phi_{160}\ \Phi_{140}^{2}\ \Phi_{112}^{2}\ \Phi_{80}\ \Phi_{70}^{2}\ \Phi_{56}^{2}\ \Phi_{40}\ \Phi_{28}^{2}\ \Phi_{20}\ \Phi_{14}^{2}\ \Phi_{10}$
163599	1984	1105	$\frac{3}{65}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1105}^{2}\ \Phi_{221}^{2}\ \Phi_{85}$
163600	1984	693	$\frac{1}{63}$	$\frac{5}{33}$	$\frac{7}{33}$	$\frac{13}{33}$	$\Phi_{693}^{3}\ \Phi_{231}^{3}\ \Phi_{99}^{3}\ \Phi_{77}^{3}\ \Phi_{63}^{2}\ \Phi_{33}^{2}\ \Phi_{21}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
163601	1984	661	$\frac{13}{661}$	$\frac{81}{661}$	$\frac{145}{661}$	$\frac{258}{661}$	$\Phi_{661}^{3}\ \Phi_{1}^{4}$
163602	1984	416	$\frac{1}{32}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{5}{13}$	$\Phi_{416}^{5}\ \Phi_{208}^{5}\ \Phi_{104}^{5}\ \Phi_{52}^{5}\ \Phi_{32}^{4}\ \Phi_{26}^{5}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
163603	1984	850	$\frac{1}{25}$	$\frac{1}{17}$	$\frac{6}{25}$	$\frac{19}{50}$	$\Phi_{850}^{4}\ \Phi_{425}\ \Phi_{170}^{4}\ \Phi_{85}\ \Phi_{34}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
163604	1984	1983	$\frac{59}{1983}$	$\frac{154}{1983}$	$\frac{481}{1983}$	$\frac{751}{1983}$	$\Phi_{1983}\ \Phi_{661}\ \Phi_{3}\ \Phi_{1}^{2}$
163605	1984	747	$\frac{5}{249}$	$\frac{1}{9}$	$\frac{61}{249}$	$\frac{94}{249}$	$\Phi_{747}^{3}\ \Phi_{249}^{2}\ \Phi_{83}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
163606	1984	661	$\frac{9}{661}$	$\frac{103}{661}$	$\frac{163}{661}$	$\frac{249}{661}$	$\Phi_{661}^{3}\ \Phi_{1}^{4}$
163607	1984	2485	$\frac{5}{497}$	$\frac{1}{5}$	$\frac{123}{497}$	$\frac{187}{497}$	$\Phi_{2485}\ \Phi_{355}\ \Phi_{35}$
163608	1984	1983	$\frac{11}{1983}$	$\frac{493}{1983}$	$\frac{619}{1983}$	$\frac{745}{1983}$	$\Phi_{1983}\ \Phi_{661}\ \Phi_{3}\ \Phi_{1}^{2}$
163609	1984	993	$\frac{5}{993}$	$\frac{247}{993}$	$\frac{1}{3}$	$\frac{373}{993}$	$\Phi_{993}^{2}\ \Phi_{331}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
163610	1984	3120	$\frac{1}{65}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{3120}\ \Phi_{1040}\ \Phi_{624}\ \Phi_{520}\ \Phi_{260}\ \Phi_{240}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{80}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
163611	1984	249	$\frac{1}{249}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{249}^{8}\ \Phi_{83}^{8}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
163612	1984	1485	$\frac{2}{495}$	$\frac{493}{1485}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1485}^{2}\ \Phi_{297}^{2}\ \Phi_{135}^{2}\ \Phi_{27}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
163613	1984	165	$\frac{1}{165}$	$\frac{41}{165}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{165}^{12}\ \Phi_{55}^{12}\ \Phi_{33}^{12}\ \Phi_{15}^{12}\ \Phi_{11}^{12}\ \Phi_{5}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
163614	1984	999	$\frac{7}{999}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{999}^{2}\ \Phi_{333}^{2}\ \Phi_{111}^{2}\ \Phi_{37}^{2}\ \Phi_{27}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
163615	1984	375	$\frac{1}{125}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{375}^{4}\ \Phi_{125}^{8}\ \Phi_{75}^{4}\ \Phi_{25}^{8}\ \Phi_{15}^{3}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
163616	1984	297	$\frac{1}{99}$	$\frac{49}{297}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{297}^{8}\ \Phi_{99}^{4}\ \Phi_{33}^{4}\ \Phi_{27}^{8}\ \Phi_{11}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
163617	1984	1155	$\frac{2}{165}$	$\frac{163}{1155}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1155}^{2}\ \Phi_{385}^{2}\ \Phi_{231}^{2}\ \Phi_{105}^{2}\ \Phi_{77}^{2}\ \Phi_{35}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
163618	1984	1005	$\frac{13}{1005}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1005}^{2}\ \Phi_{335}^{2}\ \Phi_{201}^{2}\ \Phi_{67}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
163619	1984	495	$\frac{7}{495}$	$\frac{61}{495}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{495}^{4}\ \Phi_{165}^{4}\ \Phi_{99}^{4}\ \Phi_{55}^{4}\ \Phi_{45}^{4}\ \Phi_{33}^{4}\ \Phi_{15}^{4}\ \Phi_{11}^{4}\ \Phi_{9}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
163620	1984	63	$\frac{1}{63}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{63}^{32}\ \Phi_{21}^{32}\ \Phi_{9}^{28}\ \Phi_{7}^{32}\ \Phi_{3}^{29}\ \Phi_{1}^{30}$
163621	1984	825	$\frac{1}{55}$	$\frac{27}{275}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{825}^{2}\ \Phi_{275}^{4}\ \Phi_{165}\ \Phi_{75}^{2}\ \Phi_{55}^{2}\ \Phi_{33}\ \Phi_{25}^{4}\ \Phi_{15}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
163622	1984	759	$\frac{5}{253}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{759}^{2}\ \Phi_{253}^{4}\ \Phi_{69}^{2}\ \Phi_{33}\ \Phi_{23}^{4}\ \Phi_{11}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
163623	1984	1089	$\frac{2}{99}$	$\frac{97}{1089}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1089}^{2}\ \Phi_{363}^{2}\ \Phi_{121}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
163624	1984	135	$\frac{1}{45}$	$\frac{11}{135}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{135}^{16}\ \Phi_{45}^{12}\ \Phi_{27}^{16}\ \Phi_{15}^{12}\ \Phi_{9}^{12}\ \Phi_{5}^{12}\ \Phi_{3}^{13}\ \Phi_{1}^{14}$
163625	1984	255	$\frac{7}{255}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{255}^{8}\ \Phi_{85}^{8}\ \Phi_{51}^{8}\ \Phi_{17}^{8}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
163626	1984	33	$\frac{1}{33}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{33}^{60}\ \Phi_{11}^{60}\ \Phi_{3}^{61}\ \Phi_{1}^{62}$
163627	1984	1632	$\frac{1}{32}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1632}\ \Phi_{816}\ \Phi_{544}^{2}\ \Phi_{408}\ \Phi_{272}^{2}\ \Phi_{204}\ \Phi_{136}^{2}\ \Phi_{102}\ \Phi_{68}^{2}\ \Phi_{34}^{2}$
163628	1984	1035	$\frac{43}{1035}$	$\frac{2}{45}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1035}^{2}\ \Phi_{345}^{2}\ \Phi_{207}^{2}\ \Phi_{115}^{2}\ \Phi_{69}^{2}\ \Phi_{23}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
163629	1984	369	$\frac{2}{123}$	$\frac{1}{9}$	$\frac{121}{369}$	$\frac{1}{3}$	$\Phi_{369}^{5}\ \Phi_{123}^{6}\ \Phi_{41}^{6}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
163630	1984	495	$\frac{1}{33}$	$\frac{1}{15}$	$\frac{14}{45}$	$\frac{1}{3}$	$\Phi_{495}^{6}\ \Phi_{99}^{6}\ \Phi_{45}^{4}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
163631	1984	315	$\frac{1}{63}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{63}^{8}\ \Phi_{45}^{5}\ \Phi_{35}^{6}\ \Phi_{21}^{8}\ \Phi_{15}^{6}\ \Phi_{9}^{7}\ \Phi_{7}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
163632	1984	993	$\frac{3}{331}$	$\frac{82}{331}$	$\frac{83}{331}$	$\frac{1}{3}$	$\Phi_{993}^{3}\ \Phi_{3}^{2}$
163633	1984	3705	$\frac{3}{247}$	$\frac{1}{5}$	$\frac{61}{247}$	$\frac{1}{3}$	$\Phi_{3705}\ \Phi_{285}\ \Phi_{195}\ \Phi_{15}^{2}$
163634	1984	993	$\frac{13}{993}$	$\frac{187}{993}$	$\frac{245}{993}$	$\frac{1}{3}$	$\Phi_{993}^{2}\ \Phi_{331}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
163635	1984	369	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{10}{41}$	$\frac{1}{3}$	$\Phi_{369}^{6}\ \Phi_{123}^{3}\ \Phi_{41}^{6}\ \Phi_{9}^{8}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
163636	1984	993	$\frac{29}{993}$	$\frac{94}{993}$	$\frac{241}{993}$	$\frac{1}{3}$	$\Phi_{993}^{2}\ \Phi_{331}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
163637	1984	231	$\frac{1}{21}$	$\frac{2}{33}$	$\frac{5}{21}$	$\frac{1}{3}$	$\Phi_{231}^{9}\ \Phi_{77}^{9}\ \Phi_{33}^{10}\ \Phi_{21}^{3}\ \Phi_{11}^{10}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
163638	1984	2976	$\frac{1}{32}$	$\frac{3}{31}$	$\frac{7}{31}$	$\frac{1}{3}$	$\Phi_{2976}\ \Phi_{1488}\ \Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{96}^{2}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
163639	1984	1320	$\frac{1}{33}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1}{3}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{440}^{2}\ \Phi_{264}^{2}\ \Phi_{220}^{2}\ \Phi_{132}^{2}\ \Phi_{120}\ \Phi_{88}^{2}\ \Phi_{60}\ \Phi_{44}^{2}\ \Phi_{40}^{2}\ \Phi_{33}^{2}\ \Phi_{24}\ \Phi_{20}^{2}\ \Phi_{12}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
163640	1984	993	$\frac{25}{993}$	$\frac{121}{993}$	$\frac{218}{993}$	$\frac{1}{3}$	$\Phi_{993}^{2}\ \Phi_{331}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
163641	1984	315	$\frac{1}{63}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{315}^{6}\ \Phi_{105}^{6}\ \Phi_{63}^{8}\ \Phi_{45}^{6}\ \Phi_{35}^{6}\ \Phi_{21}^{8}\ \Phi_{15}^{3}\ \Phi_{9}^{8}\ \Phi_{7}^{8}\ \Phi_{5}^{6}\ \Phi_{3}^{4}\ \Phi_{1}^{8}$
163642	1984	3705	$\frac{7}{247}$	$\frac{30}{247}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3705}\ \Phi_{285}\ \Phi_{195}\ \Phi_{15}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
163643	1984	1155	$\frac{1}{33}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1155}^{2}\ \Phi_{385}^{2}\ \Phi_{231}^{2}\ \Phi_{105}\ \Phi_{77}^{2}\ \Phi_{35}^{2}\ \Phi_{33}^{2}\ \Phi_{21}\ \Phi_{11}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
163644	1984	1440	$\frac{1}{32}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1440}^{2}\ \Phi_{720}^{2}\ \Phi_{480}\ \Phi_{360}^{2}\ \Phi_{240}\ \Phi_{180}^{2}\ \Phi_{160}^{2}\ \Phi_{120}\ \Phi_{90}^{2}\ \Phi_{80}^{2}\ \Phi_{60}\ \Phi_{40}^{2}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
163645	1984	195	$\frac{3}{65}$	$\frac{1}{13}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{195}^{15}\ \Phi_{39}^{16}\ \Phi_{15}^{16}\ \Phi_{3}^{16}$
163646	1984	1995	$\frac{1}{19}$	$\frac{9}{133}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1995}^{2}\ \Phi_{285}\ \Phi_{105}^{2}\ \Phi_{15}^{2}$
163647	1984	2805	$\frac{1}{17}$	$\frac{2}{33}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2805}\ \Phi_{935}\ \Phi_{85}$
163648	1984	825	$\frac{1}{33}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{3}$	$\Phi_{825}^{3}\ \Phi_{275}^{3}\ \Phi_{75}^{2}\ \Phi_{33}^{2}\ \Phi_{25}^{2}\ \Phi_{11}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
163649	1984	396	$\frac{1}{33}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{396}^{6}\ \Phi_{198}^{6}\ \Phi_{132}^{6}\ \Phi_{99}^{6}\ \Phi_{44}^{6}\ \Phi_{36}^{4}\ \Phi_{33}^{2}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{11}^{2}\ \Phi_{9}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
163650	1984	1155	$\frac{2}{33}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1155}^{2}\ \Phi_{385}^{2}\ \Phi_{231}\ \Phi_{165}^{2}\ \Phi_{77}\ \Phi_{55}^{2}\ \Phi_{35}^{2}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
163651	1984	99	$\frac{2}{33}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{99}^{21}\ \Phi_{33}^{22}\ \Phi_{11}^{22}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
163652	1984	3195	$\frac{1}{71}$	$\frac{1}{5}$	$\frac{143}{639}$	$\frac{70}{213}$	$\Phi_{3195}\ \Phi_{355}\ \Phi_{45}$
163653	1984	735	$\frac{6}{245}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{239}{735}$	$\Phi_{735}^{4}\ \Phi_{147}^{4}\ \Phi_{105}^{4}\ \Phi_{35}\ \Phi_{21}^{4}\ \Phi_{15}^{4}\ \Phi_{3}^{4}$
163654	1984	315	$\frac{1}{21}$	$\frac{1}{15}$	$\frac{5}{21}$	$\frac{14}{45}$	$\Phi_{315}^{9}\ \Phi_{63}^{9}\ \Phi_{45}^{10}\ \Phi_{21}^{3}\ \Phi_{9}^{10}\ \Phi_{7}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
163655	1984	765	$\frac{1}{17}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{14}{45}$	$\Phi_{765}^{4}\ \Phi_{153}^{4}\ \Phi_{85}$
163656	1984	315	$\frac{1}{15}$	$\frac{3}{35}$	$\frac{1}{7}$	$\frac{14}{45}$	$\Phi_{315}^{9}\ \Phi_{63}^{9}\ \Phi_{45}^{10}\ \Phi_{35}^{2}\ \Phi_{9}^{10}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
163657	1984	45	$\frac{1}{15}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{14}{45}$	$\Phi_{45}^{43}\ \Phi_{15}^{42}\ \Phi_{9}^{50}\ \Phi_{5}^{42}\ \Phi_{3}^{49}\ \Phi_{1}^{50}$
163658	1984	891	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{19}{81}$	$\frac{8}{27}$	$\Phi_{891}^{3}\ \Phi_{99}^{3}\ \Phi_{81}^{2}\ \Phi_{33}^{2}\ \Phi_{11}^{2}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
163659	1984	1440	$\frac{1}{32}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{13}{45}$	$\Phi_{1440}^{2}\ \Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{288}^{2}\ \Phi_{180}^{2}\ \Phi_{160}\ \Phi_{144}^{2}\ \Phi_{90}^{2}\ \Phi_{80}\ \Phi_{72}^{2}\ \Phi_{40}\ \Phi_{36}^{2}\ \Phi_{20}\ \Phi_{18}^{2}\ \Phi_{10}$
163660	1984	2400	$\frac{1}{32}$	$\frac{11}{75}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{160}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
163661	1984	2295	$\frac{1}{17}$	$\frac{11}{135}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2295}\ \Phi_{765}\ \Phi_{459}\ \Phi_{153}\ \Phi_{85}$
163662	1984	462	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{42}$	$\Phi_{462}^{4}\ \Phi_{231}^{5}\ \Phi_{154}^{4}\ \Phi_{77}^{5}\ \Phi_{66}^{4}\ \Phi_{42}^{2}\ \Phi_{33}^{4}\ \Phi_{22}^{4}\ \Phi_{21}^{3}\ \Phi_{14}^{4}\ \Phi_{11}^{4}\ \Phi_{7}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
163663	1984	661	$\frac{9}{661}$	$\frac{163}{661}$	$\frac{165}{661}$	$\frac{166}{661}$	$\Phi_{661}^{3}\ \Phi_{1}^{4}$
163664	1984	205	$\frac{1}{41}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{10}{41}$	$\Phi_{205}^{9}\ \Phi_{41}^{12}\ \Phi_{5}^{12}\ \Phi_{1}^{16}$
163665	1984	661	$\frac{17}{661}$	$\frac{125}{661}$	$\frac{134}{661}$	$\frac{161}{661}$	$\Phi_{661}^{3}\ \Phi_{1}^{4}$
163666	1984	2485	$\frac{13}{497}$	$\frac{94}{497}$	$\frac{1}{5}$	$\frac{121}{497}$	$\Phi_{2485}\ \Phi_{355}\ \Phi_{35}$
163667	1984	840	$\frac{1}{21}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{5}{21}$	$\Phi_{840}^{3}\ \Phi_{420}^{3}\ \Phi_{280}^{3}\ \Phi_{168}^{3}\ \Phi_{140}^{3}\ \Phi_{120}^{3}\ \Phi_{84}^{3}\ \Phi_{60}^{3}\ \Phi_{56}^{3}\ \Phi_{40}^{4}\ \Phi_{28}^{3}\ \Phi_{24}^{3}\ \Phi_{21}^{3}\ \Phi_{20}^{4}\ \Phi_{12}^{3}\ \Phi_{8}^{4}\ \Phi_{7}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
163668	1984	105	$\frac{1}{21}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{5}{21}$	$\Phi_{105}^{18}\ \Phi_{35}^{19}\ \Phi_{21}^{21}\ \Phi_{15}^{18}\ \Phi_{7}^{22}\ \Phi_{5}^{18}\ \Phi_{3}^{21}\ \Phi_{1}^{22}$
163669	1984	252	$\frac{1}{21}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{5}{21}$	$\Phi_{252}^{9}\ \Phi_{126}^{9}\ \Phi_{84}^{9}\ \Phi_{63}^{9}\ \Phi_{36}^{10}\ \Phi_{28}^{9}\ \Phi_{21}^{3}\ \Phi_{18}^{10}\ \Phi_{12}^{10}\ \Phi_{9}^{10}\ \Phi_{7}^{3}\ \Phi_{4}^{10}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
163670	1984	680	$\frac{1}{17}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{40}$	$\Phi_{680}^{4}\ \Phi_{340}^{4}\ \Phi_{136}^{4}\ \Phi_{85}\ \Phi_{68}^{4}$
163671	1984	280	$\frac{3}{35}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{9}{40}$	$\Phi_{280}^{9}\ \Phi_{140}^{9}\ \Phi_{56}^{9}\ \Phi_{40}^{10}\ \Phi_{35}^{2}\ \Phi_{28}^{9}\ \Phi_{20}^{10}\ \Phi_{8}^{10}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{4}^{10}\ \Phi_{1}^{2}$
163672	1984	360	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{9}{40}$	$\Phi_{360}^{7}\ \Phi_{180}^{7}\ \Phi_{120}^{7}\ \Phi_{72}^{7}\ \Phi_{60}^{7}\ \Phi_{40}^{8}\ \Phi_{36}^{7}\ \Phi_{24}^{7}\ \Phi_{20}^{8}\ \Phi_{12}^{7}\ \Phi_{9}^{7}\ \Phi_{8}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
163673	1984	160	$\frac{1}{32}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{160}^{13}\ \Phi_{80}^{13}\ \Phi_{40}^{13}\ \Phi_{32}^{12}\ \Phi_{20}^{13}\ \Phi_{16}^{12}\ \Phi_{10}^{13}\ \Phi_{8}^{12}\ \Phi_{4}^{12}\ \Phi_{2}^{12}$
163674	1984	595	$\frac{1}{17}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{595}^{4}\ \Phi_{119}^{4}\ \Phi_{85}$
163675	1984	1275	$\frac{1}{17}$	$\frac{2}{15}$	$\frac{13}{75}$	$\frac{1}{5}$	$\Phi_{1275}^{2}\ \Phi_{425}^{2}\ \Phi_{85}$
163676	1984	525	$\frac{29}{525}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1}{5}$	$\Phi_{525}^{4}\ \Phi_{175}^{4}\ \Phi_{105}^{4}\ \Phi_{75}^{4}\ \Phi_{35}\ \Phi_{25}^{4}\ \Phi_{21}^{4}\ \Phi_{15}^{4}\ \Phi_{3}^{4}$
163677	1984	3060	$\frac{1}{17}$	$\frac{5}{36}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{1020}\ \Phi_{765}\ \Phi_{340}\ \Phi_{85}$
163678	1984	735	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{23}{147}$	$\frac{1}{5}$	$\Phi_{735}^{4}\ \Phi_{245}^{2}\ \Phi_{105}^{4}\ \Phi_{35}^{3}\ \Phi_{15}^{4}\ \Phi_{5}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
163679	1984	2695	$\frac{43}{539}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{2695}\ \Phi_{385}\ \Phi_{55}\ \Phi_{35}$
163680	1984	35	$\frac{3}{35}$	$\frac{4}{35}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{35}^{57}\ \Phi_{7}^{56}\ \Phi_{5}^{56}\ \Phi_{1}^{56}$
163681	1984	355	$\frac{7}{71}$	$\frac{8}{71}$	$\frac{9}{71}$	$\frac{1}{5}$	$\Phi_{355}^{7}\ \Phi_{5}^{6}$
163682	1984	315	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{35}$	$\frac{1}{5}$	$\Phi_{315}^{7}\ \Phi_{105}^{7}\ \Phi_{63}^{7}\ \Phi_{35}^{8}\ \Phi_{21}^{7}\ \Phi_{9}^{7}\ \Phi_{7}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
163683	1984	1260	$\frac{3}{35}$	$\frac{5}{36}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{420}^{2}\ \Phi_{315}^{2}\ \Phi_{252}\ \Phi_{180}^{2}\ \Phi_{140}^{2}\ \Phi_{126}\ \Phi_{90}^{2}\ \Phi_{84}\ \Phi_{63}$ $\Phi_{60}^{2}\ \Phi_{45}^{2}\ \Phi_{36}^{2}\ \Phi_{35}^{2}\ \Phi_{28}\ \Phi_{20}^{2}\ \Phi_{18}^{2}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
163684	1984	36	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{5}{36}$	$\frac{1}{6}$	$\Phi_{36}^{64}\ \Phi_{18}^{43}\ \Phi_{12}^{64}\ \Phi_{9}^{50}\ \Phi_{6}^{42}\ \Phi_{4}^{64}\ \Phi_{3}^{49}\ \Phi_{2}^{42}\ \Phi_{1}^{50}$
163685	1985	792	$\frac{1}{396}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{395}{792}$	$\Phi_{792}\ \Phi_{396}^{4}\ \Phi_{264}\ \Phi_{198}^{4}\ \Phi_{132}^{4}\ \Phi_{99}^{4}\ \Phi_{88}\ \Phi_{72}\ \Phi_{66}^{4}\ \Phi_{44}^{4}\ \Phi_{36}^{4}\ \Phi_{33}^{4}$ $\Phi_{24}\ \Phi_{22}^{4}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{11}^{4}\ \Phi_{9}^{4}\ \Phi_{8}^{2}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
163686	1985	3936	$\frac{17}{1968}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{1951}{3936}$	$\Phi_{3936}\ \Phi_{1312}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
163687	1985	2656	$\frac{7}{664}$	$\frac{1}{8}$	$\frac{671}{2656}$	$\frac{657}{1328}$	$\Phi_{2656}\ \Phi_{664}\ \Phi_{332}\ \Phi_{166}\ \Phi_{83}\ \Phi_{32}\ \Phi_{1}$
163688	1985	2272	$\frac{3}{284}$	$\frac{287}{2272}$	$\frac{1}{4}$	$\frac{281}{568}$	$\Phi_{2272}\ \Phi_{1136}\ \Phi_{284}\ \Phi_{142}\ \Phi_{71}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
163689	1985	784	$\frac{5}{392}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{387}{784}$	$\Phi_{784}^{5}\ \Phi_{112}^{5}\ \Phi_{28}\ \Phi_{16}^{5}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
163690	1985	768	$\frac{1}{64}$	$\frac{13}{384}$	$\frac{371}{768}$	$\frac{63}{128}$	$\Phi_{768}^{5}\ \Phi_{256}^{5}\ \Phi_{128}\ \Phi_{1}$
163691	1985	512	$\frac{1}{64}$	$\frac{13}{128}$	$\frac{115}{512}$	$\frac{63}{128}$	$\Phi_{512}^{5}\ \Phi_{256}^{5}\ \Phi_{128}\ \Phi_{1}$
163692	1985	2304	$\frac{1}{64}$	$\frac{319}{2304}$	$\frac{65}{384}$	$\frac{63}{128}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{128}\ \Phi_{72}\ \Phi_{36}$ $\Phi_{18}\ \Phi_{9}\ \Phi_{1}$
163693	1985	768	$\frac{1}{32}$	$\frac{13}{384}$	$\frac{31}{96}$	$\frac{371}{768}$	$\Phi_{768}^{5}\ \Phi_{256}^{5}\ \Phi_{96}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
163694	1985	768	$\frac{13}{384}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{371}{768}$	$\Phi_{768}^{5}\ \Phi_{256}^{5}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
163695	1985	480	$\frac{3}{80}$	$\frac{1}{16}$	$\frac{83}{480}$	$\frac{77}{160}$	$\Phi_{480}^{5}\ \Phi_{240}^{5}\ \Phi_{120}^{5}\ \Phi_{96}^{5}\ \Phi_{80}^{5}\ \Phi_{60}^{5}\ \Phi_{48}^{5}\ \Phi_{40}^{5}\ \Phi_{30}^{5}\ \Phi_{24}^{5}\ \Phi_{20}^{5}\ \Phi_{16}^{4}$ $\Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{5}\ \Phi_{8}^{4}\ \Phi_{6}^{5}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
163696	1985	2688	$\frac{1}{32}$	$\frac{31}{672}$	$\frac{703}{2688}$	$\frac{641}{1344}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{128}\ \Phi_{112}\ \Phi_{96}$ $\Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
163697	1985	744	$\frac{1}{62}$	$\frac{25}{372}$	$\frac{61}{186}$	$\frac{347}{744}$	$\Phi_{744}^{5}\ \Phi_{248}^{5}\ \Phi_{186}\ \Phi_{93}\ \Phi_{24}^{5}\ \Phi_{8}^{5}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
163698	1985	744	$\frac{1}{31}$	$\frac{25}{372}$	$\frac{6}{31}$	$\frac{347}{744}$	$\Phi_{744}^{5}\ \Phi_{248}^{5}\ \Phi_{31}^{4}\ \Phi_{24}^{5}\ \Phi_{8}^{5}\ \Phi_{1}^{5}$
163699	1985	2418	$\frac{1}{31}$	$\frac{30}{403}$	$\frac{433}{2418}$	$\frac{373}{806}$	$\Phi_{2418}\ \Phi_{1209}\ \Phi_{403}\ \Phi_{186}\ \Phi_{93}\ \Phi_{78}\ \Phi_{39}\ \Phi_{13}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
163700	1985	2728	$\frac{1}{62}$	$\frac{61}{682}$	$\frac{743}{2728}$	$\frac{621}{1364}$	$\Phi_{2728}\ \Phi_{682}\ \Phi_{341}\ \Phi_{248}\ \Phi_{88}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{1}$
163701	1985	2016	$\frac{31}{2016}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{25}{56}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}$ $\Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}$ $\Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
163702	1985	2304	$\frac{1}{32}$	$\frac{31}{288}$	$\frac{319}{2304}$	$\frac{257}{576}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}$ $\Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
163703	1985	3584	$\frac{1}{64}$	$\frac{193}{1792}$	$\frac{63}{256}$	$\frac{1599}{3584}$	$\Phi_{3584}\ \Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{1}$
163704	1985	3584	$\frac{1}{32}$	$\frac{193}{1792}$	$\frac{31}{224}$	$\frac{1599}{3584}$	$\Phi_{3584}\ \Phi_{512}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{28}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
163705	1985	405	$\frac{8}{405}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{405}^{5}\ \Phi_{135}^{5}\ \Phi_{81}^{5}\ \Phi_{45}^{4}\ \Phi_{27}^{5}\ \Phi_{15}^{4}\ \Phi_{9}^{5}\ \Phi_{5}^{3}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
163706	1985	448	$\frac{1}{32}$	$\frac{51}{448}$	$\frac{31}{224}$	$\frac{193}{448}$	$\Phi_{448}^{4}\ \Phi_{224}^{5}\ \Phi_{112}^{5}\ \Phi_{64}^{4}\ \Phi_{56}^{5}\ \Phi_{32}^{4}\ \Phi_{28}^{5}\ \Phi_{16}^{4}\ \Phi_{14}^{5}\ \Phi_{8}^{4}\ \Phi_{7}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$ Φ_{1}^{5}
163707	1985	3456	$\frac{1}{32}$	$\frac{31}{288}$	$\frac{257}{1728}$	$\frac{1471}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}$ $\Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
163708	1985	3408	$\frac{3}{284}$	$\frac{281}{1704}$	$\frac{1}{4}$	$\frac{1423}{3408}$	$\Phi_{3408}\ \Phi_{1136}\ \Phi_{284}\ \Phi_{142}\ \Phi_{71}\ \Phi_{48}\ \Phi_{16}\ \Phi_{1}$
163709	1985	416	$\frac{19}{416}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{416}^{5}\ \Phi_{208}^{5}\ \Phi_{104}^{5}\ \Phi_{52}^{5}\ \Phi_{26}^{5}\ \Phi_{16}^{4}\ \Phi_{13}^{5}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
163710	1985	434	$\frac{1}{31}$	$\frac{37}{434}$	$\frac{6}{31}$	$\frac{25}{62}$	$\Phi_{434}^{5}\ \Phi_{217}^{5}\ \Phi_{31}^{4}\ \Phi_{14}^{5}\ \Phi_{7}^{5}\ \Phi_{1}^{5}$
163711	1985	3224	$\frac{1}{31}$	$\frac{30}{403}$	$\frac{373}{1612}$	$\frac{1239}{3224}$	$\Phi_{3224}\ \Phi_{403}\ \Phi_{248}\ \Phi_{104}\ \Phi_{13}\ \Phi_{8}\ \Phi_{1}$
163712	1985	640	$\frac{3}{80}$	$\frac{1}{16}$	$\frac{77}{320}$	$\frac{243}{640}$	$\Phi_{640}^{5}\ \Phi_{128}^{5}\ \Phi_{80}^{5}\ \Phi_{40}^{5}\ \Phi_{20}^{5}\ \Phi_{16}^{4}\ \Phi_{10}^{5}\ \Phi_{8}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
163713	1985	3192	$\frac{2}{399}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{399}\ \Phi_{168}\ \Phi_{152}\ \Phi_{133}\ \Phi_{57}\ \Phi_{56}\ \Phi_{21}\ \Phi_{19}$ $\Phi_{8}\ \Phi_{7}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
163714	1985	2376	$\frac{1}{198}$	$\frac{1}{4}$	$\frac{197}{594}$	$\frac{3}{8}$	$\Phi_{2376}^2\ \Phi_{594}\ \Phi_{297}\ \Phi_{216}^2\ \Phi_{54}\ \Phi_{27}\ \Phi_8\ \Phi_1$
163715	1985	400	$\frac{3}{400}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{400}^5\ \Phi_{200}^5\ \Phi_{100}^5\ \Phi_{80}^5\ \Phi_{50}^5\ \Phi_{40}^5\ \Phi_{25}^5\ \Phi_{20}^5\ \Phi_{16}^5\ \Phi_{10}^5\ \Phi_8^2\ \Phi_5^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
163716	1985	528	$\frac{1}{132}$	$\frac{131}{528}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{528}^5\ \Phi_{264}\ \Phi_{176}^5\ \Phi_{132}^4\ \Phi_{88}\ \Phi_{66}^4\ \Phi_{48}^5\ \Phi_{44}^4\ \Phi_{33}^4\ \Phi_{24}\ \Phi_{22}^4\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_{11}^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
163717	1985	3960	$\frac{1}{99}$	$\frac{98}{495}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3960}\ \Phi_{1320}\ \Phi_{495}\ \Phi_{440}\ \Phi_{360}\ \Phi_{165}\ \Phi_{120}\ \Phi_{55}\ \Phi_{45}\ \Phi_{40}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
163718	1985	1608	$\frac{5}{402}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1608}^2\ \Phi_{536}^2\ \Phi_{402}\ \Phi_{201}\ \Phi_{134}\ \Phi_{67}\ \Phi_8\ \Phi_1$
163719	1985	1848	$\frac{1}{66}$	$\frac{65}{462}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1848}^2\ \Phi_{616}^2\ \Phi_{462}\ \Phi_{231}\ \Phi_{168}^2\ \Phi_{154}\ \Phi_{77}\ \Phi_{56}^2\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}\ \Phi_8\ \Phi_7\ \Phi_1$
163720	1985	3240	$\frac{8}{405}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{405}\ \Phi_{360}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{81}\ \Phi_{45}\ \Phi_{40}\ \Phi_{27}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
163721	1985	440	$\frac{1}{44}$	$\frac{43}{440}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^5\ \Phi_{220}^5\ \Phi_{110}^5\ \Phi_{88}\ \Phi_{55}^5\ \Phi_{44}^4\ \Phi_{40}^5\ \Phi_{22}^4\ \Phi_{20}^5\ \Phi_{11}^4\ \Phi_{10}^5\ \Phi_8^2\ \Phi_5^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
163722	1985	3256	$\frac{10}{407}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3256}\ \Phi_{407}\ \Phi_{296}\ \Phi_{37}\ \Phi_8\ \Phi_1$
163723	1985	408	$\frac{11}{408}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{408}^5\ \Phi_{204}^5\ \Phi_{136}^5\ \Phi_{102}^5\ \Phi_{68}^5\ \Phi_{51}^5\ \Phi_{34}^5\ \Phi_{24}\ \Phi_{17}^5\ \Phi_{12}^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
163724	1985	432	$\frac{1}{36}$	$\frac{35}{432}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{432}^5\ \Phi_{216}^5\ \Phi_{144}^5\ \Phi_{108}^5\ \Phi_{72}\ \Phi_{54}^5\ \Phi_{48}^5\ \Phi_{36}^4\ \Phi_{27}^5\ \Phi_{24}\ \Phi_{18}^4\ \Phi_{16}^5\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^5$
163725	1985	3432	$\frac{1}{33}$	$\frac{32}{429}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3432}\ \Phi_{1144}\ \Phi_{429}\ \Phi_{312}\ \Phi_{143}\ \Phi_{104}\ \Phi_{39}\ \Phi_{13}\ \Phi_8\ \Phi_1$
163726	1985	1656	$\frac{17}{414}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1656}^2\ \Phi_{552}^2\ \Phi_{414}\ \Phi_{207}\ \Phi_{184}^2\ \Phi_{138}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_8\ \Phi_1$
163727	1985	1672	$\frac{1}{22}$	$\frac{21}{418}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1672}^2\ \Phi_{418}\ \Phi_{209}\ \Phi_{152}^2\ \Phi_{38}\ \Phi_{19}\ \Phi_8\ \Phi_1$
163728	1985	2016	$\frac{31}{2016}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{17}{48}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
163729	1985	3072	$\frac{1}{64}$	$\frac{63}{512}$	$\frac{449}{1536}$	$\frac{1087}{3072}$	$\Phi_{3072}\ \Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_1$
163730	1985	2112	$\frac{1}{32}$	$\frac{127}{2112}$	$\frac{31}{96}$	$\frac{65}{192}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{176}\ \Phi_{132}\ \Phi_{96}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}\ \Phi_{44}\ \Phi_{33}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
163731	1985	2232	$\frac{1}{62}$	$\frac{247}{2232}$	$\frac{61}{186}$	$\frac{125}{372}$	$\Phi_{2232}\ \Phi_{1116}\ \Phi_{744}\ \Phi_{558}\ \Phi_{279}\ \Phi_{248}\ \Phi_{186}\ \Phi_{93}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_9\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
163732	1985	2976	$\frac{1}{248}$	$\frac{247}{744}$	$\frac{991}{2976}$	$\frac{497}{1488}$	$\Phi_{2976}\ \Phi_{992}\ \Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{96}\ \Phi_{93}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_3\ \Phi_1$
163733	1985	2556	$\frac{3}{284}$	$\frac{571}{2556}$	$\frac{1}{4}$	$\frac{281}{852}$	$\Phi_{2556}\ \Phi_{1278}\ \Phi_{639}\ \Phi_{284}\ \Phi_{142}\ \Phi_{71}\ \Phi_{36}\ \Phi_{18}\ \Phi_9\ \Phi_1$
163734	1985	558	$\frac{1}{62}$	$\frac{25}{186}$	$\frac{161}{558}$	$\frac{61}{186}$	$\Phi_{558}^5\ \Phi_{279}^5\ \Phi_{186}\ \Phi_{93}\ \Phi_{18}^5\ \Phi_9^5\ \Phi_6\ \Phi_3\ \Phi_1$
163735	1985	2952	$\frac{17}{984}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{967}{2952}$	$\Phi_{2952}\ \Phi_{1476}\ \Phi_{738}\ \Phi_{369}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
163736	1985	588	$\frac{5}{196}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{191}{588}$	$\Phi_{588}^5\ \Phi_{294}^5\ \Phi_{147}^5\ \Phi_{84}^5\ \Phi_{42}^5\ \Phi_{28}\ \Phi_{21}^5\ \Phi_{14}\ \Phi_{12}^5\ \Phi_7\ \Phi_6^5\ \Phi_3^5\ \Phi_1$
163737	1985	576	$\frac{1}{32}$	$\frac{13}{192}$	$\frac{179}{576}$	$\frac{31}{96}$	$\Phi_{576}^5\ \Phi_{288}^5\ \Phi_{144}^5\ \Phi_{96}\ \Phi_{72}^5\ \Phi_{48}\ \Phi_{36}^5\ \Phi_{24}\ \Phi_{18}^5\ \Phi_{12}\ \Phi_9^5\ \Phi_6\ \Phi_3\ \Phi_1$
163738	1985	480	$\frac{1}{32}$	$\frac{13}{96}$	$\frac{83}{480}$	$\frac{31}{96}$	$\Phi_{480}^5\ \Phi_{240}^5\ \Phi_{160}^5\ \Phi_{120}^5\ \Phi_{96}\ \Phi_{80}^5\ \Phi_{60}^5\ \Phi_{48}\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{24}\ \Phi_{20}^5\ \Phi_{15}^5\ \Phi_{12}\ \Phi_{10}^5\ \Phi_6\ \Phi_5^5\ \Phi_3\ \Phi_1$
163739	1985	2304	$\frac{1}{32}$	$\frac{319}{2304}$	$\frac{65}{384}$	$\frac{31}{96}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{576}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
163740	1985	576	$\frac{1}{16}$	$\frac{13}{192}$	$\frac{3}{16}$	$\frac{179}{576}$	$\Phi_{576}^5\ \Phi_{288}^5\ \Phi_{144}^5\ \Phi_{72}^5\ \Phi_{36}^5\ \Phi_{18}^5\ \Phi_{16}^4\ \Phi_9^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
163741	1985	2592	$\frac{1}{32}$	$\frac{31}{288}$	$\frac{607}{2592}$	$\frac{257}{864}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{288}\ \Phi_{162}\ \Phi_{144}\ \Phi_{96}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_6\ \Phi_3\ \Phi_1$
163742	1985	558	$\frac{1}{31}$	$\frac{25}{186}$	$\frac{6}{31}$	$\frac{161}{558}$	$\Phi_{558}^5\ \Phi_{279}^5\ \Phi_{31}^4\ \Phi_{18}^5\ \Phi_9^5\ \Phi_1^5$
163743	1985	432	$\frac{1}{16}$	$\frac{35}{432}$	$\frac{3}{16}$	$\frac{13}{48}$	$\Phi_{432}^5\ \Phi_{216}^5\ \Phi_{144}^5\ \Phi_{108}^5\ \Phi_{72}^5\ \Phi_{54}^5\ \Phi_{36}^5\ \Phi_{27}^5\ \Phi_{18}^5\ \Phi_{16}^4\ \Phi_9^5\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
163744	1985	465	$\frac{1}{31}$	$\frac{68}{465}$	$\frac{6}{31}$	$\frac{25}{93}$	$\Phi_{465}^5\ \Phi_{155}^5\ \Phi_{31}^4\ \Phi_{15}^5\ \Phi_5^5\ \Phi_1^5$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
163745	1985	2688	$\frac{1}{32}$	$\frac{31}{224}$	$\frac{193}{896}$	$\frac{703}{2688}$	$\Phi_{2688}\ \Phi_{1344}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{224}\ \Phi_{192}\ \Phi_{168}\ \Phi_{112}\ \Phi_{96}$ $\Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
163746	1985	420	$\frac{23}{420}$	$\frac{3}{28}$	$\frac{5}{28}$	$\frac{1}{4}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^5\ \Phi_{105}^5\ \Phi_{84}^5\ \Phi_{70}^5\ \Phi_{60}^5\ \Phi_{42}^5\ \Phi_{35}^5\ \Phi_{30}^5\ \Phi_{28}\ \Phi_{21}^5$ $\Phi_{20}^5\ \Phi_{15}^5\ \Phi_{14}\ \Phi_{12}^5\ \Phi_{10}^5\ \Phi_7\ \Phi_6^5\ \Phi_5^5\ \Phi_3^5\ \Phi_1$
163747	1985	2352	$\frac{25}{392}$	$\frac{3}{28}$	$\frac{367}{2352}$	$\frac{1}{4}$	$\Phi_{2352}\ \Phi_{1176}\ \Phi_{784}\ \Phi_{588}\ \Phi_{336}\ \Phi_{294}\ \Phi_{168}\ \Phi_{147}\ \Phi_{112}\ \Phi_{84}$ $\Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
163748	1985	2156	$\frac{171}{2156}$	$\frac{3}{28}$	$\frac{25}{196}$	$\frac{1}{4}$	$\Phi_{2156}\ \Phi_{1078}\ \Phi_{539}\ \Phi_{308}\ \Phi_{154}\ \Phi_{77}\ \Phi_{44}\ \Phi_{28}\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}$ $\Phi_7\ \Phi_1$
163749	1985	448	$\frac{5}{56}$	$\frac{3}{28}$	$\frac{51}{448}$	$\frac{1}{4}$	$\Phi_{448}^5\ \Phi_{224}^5\ \Phi_{112}^5\ \Phi_{64}^5\ \Phi_{32}^5\ \Phi_{28}\ \Phi_{16}^5\ \Phi_{14}\ \Phi_7\ \Phi_1$
163750	1985	512	$\frac{1}{16}$	$\frac{13}{128}$	$\frac{3}{16}$	$\frac{115}{512}$	$\Phi_{512}^5\ \Phi_{256}^5\ \Phi_{16}^4\ \Phi_8^4\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
163751	1985	448	$\frac{1}{16}$	$\frac{51}{448}$	$\frac{3}{16}$	$\frac{13}{64}$	$\Phi_{448}^5\ \Phi_{224}^5\ \Phi_{112}^5\ \Phi_{56}^5\ \Phi_{28}^5\ \Phi_{16}^4\ \Phi_{14}^5\ \Phi_8^4\ \Phi_7^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
163752	1985	496	$\frac{1}{31}$	$\frac{6}{31}$	$\frac{99}{496}$	$\frac{25}{124}$	$\Phi_{496}^5\ \Phi_{248}^5\ \Phi_{31}^4\ \Phi_{16}^5\ \Phi_8^5\ \Phi_1^5$
163753	1985	480	$\frac{1}{16}$	$\frac{13}{96}$	$\frac{83}{480}$	$\frac{3}{16}$	$\Phi_{480}^5\ \Phi_{240}^5\ \Phi_{160}^5\ \Phi_{120}^5\ \Phi_{80}^5\ \Phi_{60}^5\ \Phi_{40}^5\ \Phi_{30}^5\ \Phi_{20}^5\ \Phi_{16}^4\ \Phi_{15}^5\ \Phi_{10}^5$ $\Phi_8^4\ \Phi_5^5\ \Phi_4^4\ \Phi_2^4\ \Phi_1^5$
163754	1986	1588	$\frac{1}{397}$	$\frac{199}{794}$	$\frac{595}{1588}$	$\frac{198}{397}$	$\Phi_{1588}^2\ \Phi_{397}\ \Phi_4^2\ \Phi_1^2$
163755	1986	660	$\frac{1}{330}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{329}{660}$	$\Phi_{660}^6\ \Phi_{220}^6\ \Phi_{132}^6\ \Phi_{60}^6\ \Phi_{44}^6\ \Phi_{20}^6\ \Phi_{12}^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
163756	1986	660	$\frac{1}{330}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{329}{660}$	$\Phi_{660}^2\ \Phi_{330}^4\ \Phi_{220}^2\ \Phi_{165}^4\ \Phi_{132}^2\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{60}^2\ \Phi_{55}^4\ \Phi_{44}^2\ \Phi_{33}^4$ $\Phi_{30}^4\ \Phi_{22}^4\ \Phi_{20}^2\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{11}^4\ \Phi_{10}^4\ \Phi_6^5\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
163757	1986	884	$\frac{1}{221}$	$\frac{1}{4}$	$\frac{111}{442}$	$\frac{110}{221}$	$\Phi_{884}^3\ \Phi_{442}\ \Phi_{221}^2\ \Phi_{68}^3\ \Phi_{52}^3\ \Phi_{34}\ \Phi_{26}\ \Phi_{17}^2\ \Phi_{13}^2\ \Phi_4^2\ \Phi_1^2$
163758	1986	1974	$\frac{2}{329}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{327}{658}$	$\Phi_{1974}^3\ \Phi_{282}^3\ \Phi_{42}^3\ \Phi_{21}\ \Phi_6^3$
163759	1986	3408	$\frac{1}{142}$	$\frac{143}{1136}$	$\frac{1}{3}$	$\frac{141}{284}$	$\Phi_{3408}\ \Phi_{1704}\ \Phi_{426}\ \Phi_{213}\ \Phi_{48}\ \Phi_{24}\ \Phi_6$
163760	1986	4592	$\frac{3}{328}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{325}{656}$	$\Phi_{4592}\ \Phi_{112}\ \Phi_{28}\ \Phi_{14}$
163761	1986	397	$\frac{5}{397}$	$\frac{66}{397}$	$\frac{67}{397}$	$\frac{196}{397}$	$\Phi_{397}^5\ \Phi_1^6$
163762	1986	5880	$\frac{13}{980}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{967}{1960}$	$\Phi_{5880}\ \Phi_{1176}\ \Phi_{840}\ \Phi_{168}\ \Phi_{120}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_6$
163763	1986	1300	$\frac{6}{325}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{319}{650}$	$\Phi_{1300}^2\ \Phi_{325}^2\ \Phi_{260}^2\ \Phi_{100}^2\ \Phi_{65}^2\ \Phi_{52}^3\ \Phi_{26}\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_{13}^2\ \Phi_5^2\ \Phi_4^2$ Φ_1^2
163764	1986	1428	$\frac{1}{51}$	$\frac{26}{357}$	$\frac{1}{4}$	$\frac{25}{51}$	$\Phi_{1428}^2\ \Phi_{714}^2\ \Phi_{476}^2\ \Phi_{238}^2\ \Phi_{204}\ \Phi_{102}\ \Phi_{84}^2\ \Phi_{68}\ \Phi_{42}^2\ \Phi_{34}\ \Phi_{28}^2$ $\Phi_{14}^2\ \Phi_{12}\ \Phi_6$
163765	1986	1292	$\frac{8}{323}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{315}{646}$	$\Phi_{1292}^2\ \Phi_{323}^2\ \Phi_{76}^2\ \Phi_{68}^3\ \Phi_{34}\ \Phi_{19}^2\ \Phi_{17}^2\ \Phi_4^2\ \Phi_1^2$
163766	1986	1404	$\frac{1}{39}$	$\frac{20}{351}$	$\frac{1}{4}$	$\frac{19}{39}$	$\Phi_{1404}^2\ \Phi_{702}^2\ \Phi_{468}^2\ \Phi_{234}^2\ \Phi_{156}\ \Phi_{108}^2\ \Phi_{78}\ \Phi_{54}^2\ \Phi_{52}\ \Phi_{36}^2\ \Phi_{26}$ $\Phi_{18}^2\ \Phi_{12}\ \Phi_6$
163767	1986	340	$\frac{9}{340}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{340}^6\ \Phi_{170}^6\ \Phi_{85}^6\ \Phi_{68}^5\ \Phi_{34}^5\ \Phi_{20}^6\ \Phi_{17}^6\ \Phi_{10}^6\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
163768	1986	624	$\frac{1}{39}$	$\frac{19}{312}$	$\frac{1}{4}$	$\frac{293}{624}$	$\Phi_{624}^6\ \Phi_{208}^6\ \Phi_{156}\ \Phi_{78}\ \Phi_{52}\ \Phi_{48}^6\ \Phi_{26}\ \Phi_{16}^6\ \Phi_{12}\ \Phi_6$
163769	1986	336	$\frac{5}{336}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{84}^5\ \Phi_{56}^6\ \Phi_{48}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{16}^6\ \Phi_{14}^6$ $\Phi_{12}^5\ \Phi_8^6\ \Phi_7^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^5\ \Phi_2^6\ \Phi_1^6$
163770	1986	5538	$\frac{1}{71}$	$\frac{70}{923}$	$\frac{1}{3}$	$\frac{853}{1846}$	$\Phi_{5538}\ \Phi_{426}\ \Phi_{213}\ \Phi_{78}\ \Phi_6$
163771	1986	676	$\frac{7}{338}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{6}{13}$	$\Phi_{676}^4\ \Phi_{338}^2\ \Phi_{169}^2\ \Phi_{52}^3\ \Phi_{26}\ \Phi_{13}^2\ \Phi_4^2\ \Phi_1^2$
163772	1986	612	$\frac{1}{51}$	$\frac{25}{306}$	$\frac{1}{4}$	$\frac{281}{612}$	$\Phi_{612}^2\ \Phi_{306}^4\ \Phi_{204}^3\ \Phi_{153}^4\ \Phi_{102}^5\ \Phi_{68}^3\ \Phi_{51}^4\ \Phi_{36}^2\ \Phi_{34}^5\ \Phi_{18}^4\ \Phi_{17}^4\ \Phi_{12}^3$ $\Phi_9^4\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
163773	1986	1704	$\frac{1}{142}$	$\frac{47}{284}$	$\frac{1}{3}$	$\frac{237}{568}$	$\Phi_{1704}^3\ \Phi_{426}\ \Phi_{213}\ \Phi_{24}^3\ \Phi_6$
163774	1986	1665	$\frac{2}{333}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{333}^2\ \Phi_{185}\ \Phi_{111}^2\ \Phi_{45}\ \Phi_{37}^2\ \Phi_9^2\ \Phi_5\ \Phi_1^2$
163775	1986	495	$\frac{1}{165}$	$\frac{1}{5}$	$\frac{164}{495}$	$\frac{2}{5}$	$\Phi_{495}^6\ \Phi_{99}^6\ \Phi_{45}^6\ \Phi_9^6\ \Phi_5\ \Phi_1^2$
163776	1986	1000	$\frac{7}{1000}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{1000}^2\ \Phi_{500}^2\ \Phi_{250}^2\ \Phi_{200}^2\ \Phi_{125}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{40}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_8^2$ $\Phi_5\ \Phi_4^2\ \Phi_1^2$
163777	1986	440	$\frac{1}{110}$	$\frac{1}{5}$	$\frac{109}{440}$	$\frac{2}{5}$	$\Phi_{440}^6\ \Phi_{220}^6\ \Phi_{88}^6\ \Phi_{44}^6\ \Phi_{40}^6\ \Phi_{20}^6\ \Phi_8^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
163778	1986	335	$\frac{4}{335}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{335}^6\ \Phi_{67}^6\ \Phi_5\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
163779	1986	1680	$\frac{5}{336}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1680}\ \Phi_{840}\ \Phi_{560}\ \Phi_{420}\ \Phi_{336}^2\ \Phi_{280}\ \Phi_{240}\ \Phi_{210}\ \Phi_{168}^2\ \Phi_{140}\ \Phi_{120}\ \Phi_{112}^2\ \Phi_{105}\ \Phi_{84}^2\ \Phi_{80}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
163780	1986	1980	$\frac{1}{66}$	$\frac{65}{396}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}^2\ \Phi_{220}\ \Phi_{198}^2\ \Phi_{180}\ \Phi_{132}^2\ \Phi_{99}^2\ \Phi_{90}\ \Phi_{60}\ \Phi_{45}\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
163781	1986	385	$\frac{1}{55}$	$\frac{54}{385}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{385}^6\ \Phi_{77}^6\ \Phi_{35}^6\ \Phi_7^6\ \Phi_5\ \Phi_1^2$
163782	1986	340	$\frac{9}{340}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{340}^6\ \Phi_{170}^6\ \Phi_{85}^6\ \Phi_{68}^6\ \Phi_{34}^6\ \Phi_{20}^6\ \Phi_{17}^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
163783	1986	1100	$\frac{3}{110}$	$\frac{107}{1100}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1100}^2\ \Phi_{550}^2\ \Phi_{275}^2\ \Phi_{220}^2\ \Phi_{100}^2\ \Phi_{50}^2\ \Phi_{44}^2\ \Phi_{25}^2\ \Phi_{20}^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
163784	1986	1705	$\frac{10}{341}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1705}\ \Phi_{341}^2\ \Phi_{155}\ \Phi_{31}^2\ \Phi_5\ \Phi_1^2$
163785	1986	1815	$\frac{1}{33}$	$\frac{32}{363}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1815}\ \Phi_{605}\ \Phi_{363}^2\ \Phi_{121}^2\ \Phi_5\ \Phi_1^2$
163786	1986	360	$\frac{1}{30}$	$\frac{29}{360}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^6\ \Phi_{90}^6\ \Phi_{72}^6\ \Phi_{60}^6\ \Phi_{45}^6\ \Phi_{40}^6\ \Phi_{36}^6\ \Phi_{24}^6\ \Phi_{20}^6\ \Phi_{18}^6\ \Phi_{12}^6\ \Phi_9^6\ \Phi_8^6\ \Phi_5\ \Phi_4^6\ \Phi_1^2$
163787	1986	345	$\frac{14}{345}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{345}^6\ \Phi_{115}^6\ \Phi_{69}^6\ \Phi_{23}^6\ \Phi_5\ \Phi_1^2$
163788	1986	1760	$\frac{1}{22}$	$\frac{21}{352}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1760}\ \Phi_{880}\ \Phi_{440}\ \Phi_{352}^2\ \Phi_{220}\ \Phi_{176}^2\ \Phi_{160}\ \Phi_{88}^2\ \Phi_{80}\ \Phi_{44}^2\ \Phi_{40}\ \Phi_{32}^2\ \Phi_{20}\ \Phi_{16}^2\ \Phi_8^2\ \Phi_5\ \Phi_4^2\ \Phi_1^2$
163789	1986	1045	$\frac{52}{1045}$	$\frac{3}{55}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1045}^2\ \Phi_{209}^2\ \Phi_{95}^2\ \Phi_{19}^2\ \Phi_5\ \Phi_1^2$
163790	1986	336	$\frac{5}{336}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{84}^6\ \Phi_{56}^5\ \Phi_{48}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_8^6\ \Phi_7^5\ \Phi_6^6\ \Phi_4^6\ \Phi_3^6\ \Phi_2^6\ \Phi_1^6$
163791	1986	3486	$\frac{1}{83}$	$\frac{1}{7}$	$\frac{82}{249}$	$\frac{167}{498}$	$\Phi_{3486}\ \Phi_{1162}\ \Phi_{581}\ \Phi_{42}\ \Phi_{14}$
163792	1986	397	$\frac{4}{397}$	$\frac{66}{397}$	$\frac{131}{397}$	$\frac{133}{397}$	$\Phi_{397}^5\ \Phi_1^6$
163793	1986	1332	$\frac{2}{333}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1332}^2\ \Phi_{666}^2\ \Phi_{444}^2\ \Phi_{222}^2\ \Phi_{148}^2\ \Phi_{74}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
163794	1986	1980	$\frac{1}{165}$	$\frac{1}{4}$	$\frac{164}{495}$	$\frac{1}{3}$	$\Phi_{1980}^2\ \Phi_{990}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}\ \Phi_6$
163795	1986	426	$\frac{1}{142}$	$\frac{95}{426}$	$\frac{47}{142}$	$\frac{1}{3}$	$\Phi_{426}^4\ \Phi_{213}^4\ \Phi_{142}^6\ \Phi_{71}^6\ \Phi_6^4\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
163796	1986	1470	$\frac{13}{490}$	$\frac{1}{14}$	$\frac{159}{490}$	$\frac{1}{3}$	$\Phi_{1470}^2\ \Phi_{735}^2\ \Phi_{294}^2\ \Phi_{210}^2\ \Phi_{147}^2\ \Phi_{105}^2\ \Phi_{42}^3\ \Phi_{30}^2\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_6^3\ \Phi_3^2$
163797	1986	336	$\frac{5}{336}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{84}^6\ \Phi_{56}^6\ \Phi_{48}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{21}^4\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_8^6\ \Phi_7^6\ \Phi_6^6\ \Phi_4^6\ \Phi_3^3\ \Phi_2^6\ \Phi_1^6$
163798	1986	1320	$\frac{1}{110}$	$\frac{109}{440}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1320}^3\ \Phi_{660}\ \Phi_{330}^2\ \Phi_{264}^3\ \Phi_{165}^2\ \Phi_{132}\ \Phi_{120}^3\ \Phi_{66}^2\ \Phi_{60}\ \Phi_{33}^2\ \Phi_{30}^2\ \Phi_{24}^3\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
163799	1986	4020	$\frac{4}{335}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{4020}\ \Phi_{2010}\ \Phi_{804}\ \Phi_{402}\ \Phi_{12}\ \Phi_6$
163800	1986	3300	$\frac{2}{165}$	$\frac{163}{825}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{50}\ \Phi_{12}\ \Phi_6$
163801	1986	336	$\frac{5}{336}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^6\ \Phi_{168}^6\ \Phi_{112}^6\ \Phi_{84}^6\ \Phi_{56}^6\ \Phi_{48}^6\ \Phi_{42}^6\ \Phi_{28}^6\ \Phi_{24}^6\ \Phi_{21}^6\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_{12}^3\ \Phi_8^6\ \Phi_7^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
163802	1986	396	$\frac{1}{66}$	$\frac{65}{396}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{396}^6\ \Phi_{198}^6\ \Phi_{132}^2\ \Phi_{99}^6\ \Phi_{66}^4\ \Phi_{44}^2\ \Phi_{36}^6\ \Phi_{33}^4\ \Phi_{22}^4\ \Phi_{18}^6\ \Phi_{12}^3\ \Phi_{11}^4\ \Phi_9^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
163803	1986	4620	$\frac{1}{55}$	$\frac{54}{385}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{4620}\ \Phi_{2310}\ \Phi_{924}\ \Phi_{462}\ \Phi_{420}\ \Phi_{210}\ \Phi_{84}\ \Phi_{42}\ \Phi_{12}\ \Phi_6$
163804	1986	2700	$\frac{13}{675}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{900}\ \Phi_{540}\ \Phi_{450}\ \Phi_{300}\ \Phi_{270}\ \Phi_{180}\ \Phi_{150}\ \Phi_{108}\ \Phi_{100}\ \Phi_{90}\ \Phi_{54}\ \Phi_{50}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_6$
163805	1986	1020	$\frac{9}{340}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1020}^3\ \Phi_{510}^3\ \Phi_{255}^3\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{60}\ \Phi_{51}^3\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
163806	1986	4092	$\frac{10}{341}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{4092}\ \Phi_{2046}\ \Phi_{372}\ \Phi_{186}\ \Phi_{12}\ \Phi_6$
163807	1986	1452	$\frac{1}{33}$	$\frac{32}{363}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1452}^2\ \Phi_{726}^2\ \Phi_{484}^2\ \Phi_{242}^2\ \Phi_{12}\ \Phi_6$
163808	1986	360	$\frac{1}{30}$	$\frac{29}{360}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{360}^6\ \Phi_{180}^6\ \Phi_{120}^6\ \Phi_{90}^6\ \Phi_{72}^6\ \Phi_{60}^2\ \Phi_{45}^6\ \Phi_{40}^6\ \Phi_{36}^6\ \Phi_{30}^4\ \Phi_{24}^6\ \Phi_{20}^2\ \Phi_{18}^6\ \Phi_{15}^4\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_9^6\ \Phi_8^6\ \Phi_6^5\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
163809	1986	1380	$\frac{14}{345}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1380}^2\ \Phi_{690}^2\ \Phi_{460}^2\ \Phi_{276}^2\ \Phi_{230}^2\ \Phi_{138}^2\ \Phi_{92}^2\ \Phi_{46}^2\ \Phi_{12}\ \Phi_6$
163810	1986	2772	$\frac{31}{693}$	$\frac{2}{33}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{462}\ \Phi_{396}\ \Phi_{308}\ \Phi_{252}\ \Phi_{198}\ \Phi_{154}\ \Phi_{126}\ \Phi_{84}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
163811	1986	1056	$\frac{1}{22}$	$\frac{21}{352}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1056}^3\ \Phi_{528}^3\ \Phi_{264}^3\ \Phi_{132}\ \Phi_{96}^3\ \Phi_{66}^2\ \Phi_{48}^3\ \Phi_{33}^2\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
163812	1986	3948	$\frac{6}{329}$	$\frac{1}{7}$	$\frac{323}{1316}$	$\frac{1}{3}$	$\Phi_{3948}\ \Phi_{1974}\ \Phi_{564}\ \Phi_{282}\ \Phi_{84}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
163813	1986	1050	$\frac{19}{350}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{1}{3}$	$\Phi_{1050}^3\ \Phi_{525}^3\ \Phi_{210}^2\ \Phi_{150}^3\ \Phi_{105}^2\ \Phi_{75}^3\ \Phi_{42}^3\ \Phi_{30}^2\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_6^3\ \Phi_3^2$
163814	1986	1176	$\frac{13}{196}$	$\frac{1}{14}$	$\frac{61}{392}$	$\frac{1}{3}$	$\Phi_{1176}^3\ \Phi_{588}^2\ \Phi_{294}^2\ \Phi_{168}^3\ \Phi_{147}^2\ \Phi_{84}^2\ \Phi_{42}^3\ \Phi_{24}^3\ \Phi_{21}^3\ \Phi_{12}^2\ \Phi_6^3\ \Phi_3^2$
163815	1986	3234	$\frac{1}{14}$	$\frac{85}{1078}$	$\frac{13}{98}$	$\frac{1}{3}$	$\Phi_{3234}\ \Phi_{1617}\ \Phi_{462}\ \Phi_{231}\ \Phi_{66}\ \Phi_{42}\ \Phi_{33}\ \Phi_{21}\ \Phi_6$
163816	1986	3360	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{127}{1120}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{672}\ \Phi_{480}\ \Phi_{336}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{96}\ \Phi_{48}\ \Phi_{42}\ \Phi_{24}\ \Phi_{21}\ \Phi_6$
163817	1986	3444	$\frac{3}{164}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{161}{492}$	$\Phi_{3444}\ \Phi_{1722}\ \Phi_{861}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}$
163818	1986	3060	$\frac{1}{51}$	$\frac{103}{765}$	$\frac{1}{4}$	$\frac{50}{153}$	$\Phi_{3060}\ \Phi_{1530}\ \Phi_{1020}\ \Phi_{510}\ \Phi_{340}\ \Phi_{204}\ \Phi_{180}\ \Phi_{170}\ \Phi_{102}\ \Phi_{90}\ \Phi_{68}\ \Phi_{60}\ \Phi_{34}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
163819	1986	397	$\frac{10}{397}$	$\frac{66}{397}$	$\frac{67}{397}$	$\frac{129}{397}$	$\Phi_{397}^5\ \Phi_1^6$
163820	1986	3900	$\frac{12}{325}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{313}{975}$	$\Phi_{3900}\ \Phi_{1950}\ \Phi_{780}\ \Phi_{390}\ \Phi_{300}\ \Phi_{156}\ \Phi_{150}\ \Phi_{78}\ \Phi_{60}\ \Phi_{52}\ \Phi_{30}\ \Phi_{26}\ \Phi_{12}\ \Phi_6$
163821	1986	3876	$\frac{16}{323}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{307}{969}$	$\Phi_{3876}\ \Phi_{1938}\ \Phi_{228}\ \Phi_{204}\ \Phi_{114}\ \Phi_{102}\ \Phi_{68}\ \Phi_{34}\ \Phi_{12}\ \Phi_6$
163822	1986	468	$\frac{1}{39}$	$\frac{19}{156}$	$\frac{1}{4}$	$\frac{137}{468}$	$\Phi_{468}^6\ \Phi_{234}^6\ \Phi_{156}\ \Phi_{117}^6\ \Phi_{78}\ \Phi_{52}\ \Phi_{36}^6\ \Phi_{26}\ \Phi_{18}^6\ \Phi_{12}\ \Phi_9^6\ \Phi_6$
163823	1986	1836	$\frac{1}{51}$	$\frac{25}{153}$	$\frac{1}{4}$	$\frac{128}{459}$	$\Phi_{1836}^2\ \Phi_{918}^2\ \Phi_{204}\ \Phi_{108}^2\ \Phi_{102}\ \Phi_{68}\ \Phi_{54}^2\ \Phi_{34}\ \Phi_{12}\ \Phi_6$
163824	1986	408	$\frac{1}{51}$	$\frac{77}{408}$	$\frac{25}{102}$	$\frac{1}{4}$	$\Phi_{408}^6\ \Phi_{204}^3\ \Phi_{136}^6\ \Phi_{102}^5\ \Phi_{68}^3\ \Phi_{51}^4\ \Phi_{34}^5\ \Phi_{24}^6\ \Phi_{17}^4\ \Phi_{12}^3\ \Phi_8^6\ \Phi_6^5\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
163825	1986	780	$\frac{1}{39}$	$\frac{59}{390}$	$\frac{19}{78}$	$\frac{1}{4}$	$\Phi_{780}^4\ \Phi_{390}^2\ \Phi_{260}^4\ \Phi_{195}^2\ \Phi_{156}\ \Phi_{130}^2\ \Phi_{78}\ \Phi_{65}^2\ \Phi_{60}^4\ \Phi_{52}\ \Phi_{30}^2\ \Phi_{26}\ \Phi_{20}^4\ \Phi_{15}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_6\ \Phi_5^2$
163826	1986	2860	$\frac{53}{715}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{1}{4}$	$\Phi_{2860}\ \Phi_{1430}\ \Phi_{572}\ \Phi_{286}\ \Phi_{220}\ \Phi_{110}\ \Phi_{52}\ \Phi_{44}\ \Phi_{26}\ \Phi_{22}$
163827	1986	780	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{59}{390}$	$\frac{1}{4}$	$\Phi_{780}^4\ \Phi_{390}^2\ \Phi_{260}^2\ \Phi_{195}^2\ \Phi_{156}^4\ \Phi_{78}^2\ \Phi_{65}^2\ \Phi_{60}^4\ \Phi_{52}^3\ \Phi_{39}^2\ \Phi_{30}^2\ \Phi_{26}\ \Phi_{20}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_{12}^4\ \Phi_6^2\ \Phi_5^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
163828	1987	2652	$\frac{2}{663}$	$\frac{665}{2652}$	$\frac{1}{3}$	$\frac{661}{1326}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{663}\ \Phi_{221}\ \Phi_{204}\ \Phi_{156}\ \Phi_{68}\ \Phi_{52}\ \Phi_{51}\ \Phi_{39}\ \Phi_{17}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
163829	1987	3960	$\frac{7}{1980}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1973}{3960}$	$\Phi_{3960}\ \Phi_{1320}\ \Phi_{792}\ \Phi_{440}\ \Phi_{360}\ \Phi_{264}\ \Phi_{120}\ \Phi_{88}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
163830	1987	3960	$\frac{7}{1980}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1973}{3960}$	$\Phi_{3960}\ \Phi_{1320}\ \Phi_{792}\ \Phi_{440}\ \Phi_{360}\ \Phi_{264}\ \Phi_{120}\ \Phi_{88}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_9\ \Phi_8\ \Phi_1$
163831	1987	3936	$\frac{19}{1968}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1949}{3936}$	$\Phi_{3936}\ \Phi_{1312}\ \Phi_{96}\ \Phi_{32}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
163832	1987	2142	$\frac{2}{153}$	$\frac{155}{2142}$	$\frac{1}{3}$	$\frac{151}{306}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{714}\ \Phi_{357}\ \Phi_{238}\ \Phi_{153}\ \Phi_{126}\ \Phi_{119}\ \Phi_{63}\ \Phi_{51}\ \Phi_{42}\ \Phi_{21}\ \Phi_{17}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
163833	1987	2106	$\frac{2}{117}$	$\frac{119}{2106}$	$\frac{1}{3}$	$\frac{115}{234}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{702}\ \Phi_{351}\ \Phi_{162}\ \Phi_{117}\ \Phi_{81}\ \Phi_{54}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_9\ \Phi_1$
163834	1987	3900	$\frac{37}{1950}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1913}{3900}$	$\Phi_{3900}\ \Phi_{1300}\ \Phi_{780}\ \Phi_{300}\ \Phi_{260}\ \Phi_{156}\ \Phi_{100}\ \Phi_{60}\ \Phi_{52}\ \Phi_{39}\ \Phi_{20}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
163835	1987	3876	$\frac{49}{1938}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{1889}{3876}$	$\Phi_{3876}\ \Phi_{1292}\ \Phi_{228}\ \Phi_{204}\ \Phi_{76}\ \Phi_{68}\ \Phi_{51}\ \Phi_{17}\ \Phi_{12}\ \Phi_4\ \Phi_1$
163836	1987	2040	$\frac{53}{2040}$	$\frac{2}{51}$	$\frac{1}{3}$	$\frac{49}{102}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}\ \Phi_{120}\ \Phi_{85}\ \Phi_{68}\ \Phi_{60}\ \Phi_{51}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{17}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
163837	1987	2028	$\frac{41}{2028}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{37}{78}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{676}\ \Phi_{507}\ \Phi_{338}\ \Phi_{169}\ \Phi_{156}\ \Phi_{52}\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}\ \Phi_4\ \Phi_1$
163838	1987	3744	$\frac{2}{117}$	$\frac{115}{1872}$	$\frac{1}{3}$	$\frac{1757}{3744}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{117}\ \Phi_{96}\ \Phi_{39}\ \Phi_{32}\ \Phi_{13}\ \Phi_9\ \Phi_1$
163839	1987	3672	$\frac{2}{153}$	$\frac{151}{1836}$	$\frac{1}{3}$	$\frac{1685}{3672}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{216}\ \Phi_{153}\ \Phi_{136}\ \Phi_{72}\ \Phi_{51}\ \Phi_{24}\ \Phi_{17}\ \Phi_9\ \Phi_8\ \Phi_1$
163840	1987	2640	$\frac{7}{660}$	$\frac{1}{6}$	$\frac{653}{2640}$	$\frac{5}{12}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{880}\ \Phi_{528}\ \Phi_{440}\ \Phi_{264}\ \Phi_{240}\ \Phi_{176}\ \Phi_{120}\ \Phi_{88}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
163841	1987	2016	$\frac{29}{2016}$	$\frac{1}{6}$	$\frac{7}{36}$	$\frac{5}{12}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
163842	1987	2376	$\frac{7}{396}$	$\frac{389}{2376}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{594}\ \Phi_{297}\ \Phi_{264}\ \Phi_{216}\ \Phi_{108}\ \Phi_{88}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
163843	1987	2040	$\frac{53}{2040}$	$\frac{7}{60}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}\ \Phi_{120}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{51}\ \Phi_{40}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
163844	1987	2160	$\frac{7}{180}$	$\frac{173}{2160}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
163845	1987	2112	$\frac{7}{132}$	$\frac{125}{2112}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2112}\ \Phi_{1056}\ \Phi_{704}\ \Phi_{528}\ \Phi_{352}\ \Phi_{264}\ \Phi_{192}\ \Phi_{176}\ \Phi_{96}\ \Phi_{88}\ \Phi_{64}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
163846	1987	2016	$\frac{29}{2016}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{19}{48}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
163847	1987	1998	$\frac{11}{1998}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1998}\ \Phi_{999}\ \Phi_{666}\ \Phi_{333}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}\ \Phi_{54}\ \Phi_{37}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
163848	1987	2988	$\frac{5}{498}$	$\frac{1}{6}$	$\frac{493}{1494}$	$\frac{1001}{2988}$	$\Phi_{2988}\ \Phi_{996}\ \Phi_{498}\ \Phi_{332}\ \Phi_{249}\ \Phi_{166}\ \Phi_{83}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
163849	1987	2970	$\frac{7}{990}$	$\frac{2}{9}$	$\frac{983}{2970}$	$\frac{1}{3}$	$\Phi_{2970}\ \Phi_{1485}\ \Phi_{594}\ \Phi_{297}\ \Phi_{270}\ \Phi_{135}\ \Phi_{54}\ \Phi_{27}\ \Phi_{9}\ \Phi_{1}$
163850	1987	2295	$\frac{2}{153}$	$\frac{308}{2295}$	$\frac{151}{459}$	$\frac{1}{3}$	$\Phi_{2295}\ \Phi_{765}\ \Phi_{255}\ \Phi_{153}\ \Phi_{135}\ \Phi_{85}\ \Phi_{51}\ \Phi_{45}\ \Phi_{17}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
163851	1987	2925	$\frac{37}{975}$	$\frac{2}{39}$	$\frac{938}{2925}$	$\frac{1}{3}$	$\Phi_{2925}\ \Phi_{585}\ \Phi_{225}\ \Phi_{117}\ \Phi_{45}\ \Phi_{39}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
163852	1987	2907	$\frac{2}{51}$	$\frac{49}{969}$	$\frac{920}{2907}$	$\frac{1}{3}$	$\Phi_{2907}\ \Phi_{171}\ \Phi_{153}\ \Phi_{51}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
163853	1987	2808	$\frac{2}{117}$	$\frac{115}{936}$	$\frac{821}{2808}$	$\frac{1}{3}$	$\Phi_{2808}\ \Phi_{1404}\ \Phi_{702}\ \Phi_{351}\ \Phi_{216}\ \Phi_{117}\ \Phi_{108}\ \Phi_{54}\ \Phi_{39}\ \Phi_{27}\ \Phi_{13}\ \Phi_{9}\ \Phi_{1}$
163854	1987	2754	$\frac{2}{153}$	$\frac{151}{918}$	$\frac{767}{2754}$	$\frac{1}{3}$	$\Phi_{2754}\ \Phi_{1377}\ \Phi_{162}\ \Phi_{153}\ \Phi_{81}\ \Phi_{51}\ \Phi_{17}\ \Phi_{9}\ \Phi_{1}$
163855	1987	2448	$\frac{2}{153}$	$\frac{461}{2448}$	$\frac{151}{612}$	$\frac{1}{3}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{816}\ \Phi_{408}\ \Phi_{272}\ \Phi_{153}\ \Phi_{144}\ \Phi_{136}\ \Phi_{72}\ \Phi_{51}\ \Phi_{48}\ \Phi_{24}\ \Phi_{17}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
163856	1987	2340	$\frac{2}{117}$	$\frac{353}{2340}$	$\frac{115}{468}$	$\frac{1}{3}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{390}\ \Phi_{260}\ \Phi_{195}\ \Phi_{180}\ \Phi_{130}\ \Phi_{117}\ \Phi_{90}\ \Phi_{65}\ \Phi_{60}\ \Phi_{45}\ \Phi_{39}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{13}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
163857	1987	2475	$\frac{7}{495}$	$\frac{488}{2475}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2475}\ \Phi_{825}\ \Phi_{275}\ \Phi_{225}\ \Phi_{75}\ \Phi_{25}\ \Phi_{9}\ \Phi_{1}$
163858	1987	2016	$\frac{29}{2016}$	$\frac{7}{36}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{9}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
163859	1987	2376	$\frac{7}{396}$	$\frac{389}{2376}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{594}\ \Phi_{297}\ \Phi_{264}\ \Phi_{216}\ \Phi_{108}\ \Phi_{88}\ \Phi_{72}\ \Phi_{54}\ \Phi_{27}\ \Phi_{24}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
163860	1987	2025	$\frac{38}{2025}$	$\frac{7}{45}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{405}\ \Phi_{225}\ \Phi_{135}\ \Phi_{81}\ \Phi_{75}\ \Phi_{27}\ \Phi_{25}\ \Phi_{9}\ \Phi_{1}$
163861	1987	2178	$\frac{7}{198}$	$\frac{191}{2178}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2178}\ \Phi_{1089}\ \Phi_{726}\ \Phi_{363}\ \Phi_{242}\ \Phi_{121}\ \Phi_{9}\ \Phi_{1}$
163862	1987	2160	$\frac{7}{180}$	$\frac{173}{2160}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
163863	1987	2070	$\frac{83}{2070}$	$\frac{7}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{414}\ \Phi_{345}\ \Phi_{230}\ \Phi_{207}\ \Phi_{138}\ \Phi_{115}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_{9}\ \Phi_{1}$
163864	1987	2079	$\frac{92}{2079}$	$\frac{7}{99}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2079}\ \Phi_{693}\ \Phi_{297}\ \Phi_{231}\ \Phi_{189}\ \Phi_{77}\ \Phi_{63}\ \Phi_{27}\ \Phi_{21}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
163865	1987	2145	$\frac{2}{39}$	$\frac{158}{2145}$	$\frac{37}{195}$	$\frac{1}{3}$	$\Phi_{2145}\ \Phi_{715}\ \Phi_{429}\ \Phi_{165}\ \Phi_{143}\ \Phi_{55}\ \Phi_{39}\ \Phi_{33}\ \Phi_{13}\ \Phi_{11}\ \Phi_{1}$
163866	1987	2340	$\frac{2}{39}$	$\frac{37}{390}$	$\frac{353}{2340}$	$\frac{1}{3}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{468}\ \Phi_{260}\ \Phi_{234}\ \Phi_{180}\ \Phi_{156}\ \Phi_{117}\ \Phi_{90}\ \Phi_{60}\ \Phi_{52}\ \Phi_{45}\ \Phi_{39}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{13}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
163867	1987	2952	$\frac{19}{984}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{965}{2952}$	$\Phi_{2952}\ \Phi_{1476}\ \Phi_{738}\ \Phi_{369}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
163868	1988	2976	$\frac{1}{496}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{495}{992}$	$\Phi_{2976}\ \Phi_{992}^2\ \Phi_{96}\ \Phi_{32}^2\ \Phi_{3}\ \Phi_{1}^2$
163869	1988	3396	$\frac{1}{283}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{141}{283}$	$\Phi_{3396}\ \Phi_{1132}\ \Phi_{283}\ \Phi_{12}^2\ \Phi_{4}^2\ \Phi_{1}^2$
163870	1988	2547	$\frac{1}{283}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{141}{283}$	$\Phi_{2547}\ \Phi_{283}\ \Phi_{9}^2\ \Phi_{1}^2$
163871	1988	990	$\frac{2}{495}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{493}{990}$	$\Phi_{990}^4\ \Phi_{330}^4\ \Phi_{198}^4\ \Phi_{110}^4\ \Phi_{90}^4\ \Phi_{66}^4\ \Phi_{30}^4\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_{6}^4\ \Phi_{2}^4$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
163872	1988	597	$\frac{1}{199}$	$\frac{100}{597}$	$\frac{1}{3}$	$\frac{99}{199}$	$\Phi_{597}^{3}\,\Phi_{199}^{4}\,\Phi_{3}^{2}\,\Phi_{1}^{4}$
163873	1988	3320	$\frac{1}{166}$	$\frac{1}{5}$	$\frac{167}{664}$	$\frac{165}{332}$	$\Phi_{3320}\,\Phi_{830}\,\Phi_{415}\,\Phi_{40}\,\Phi_{10}$
163874	1988	1833	$\frac{1}{141}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{70}{141}$	$\Phi_{1833}\,\Phi_{611}\,\Phi_{141}^{2}\,\Phi_{47}^{2}\,\Phi_{39}\,\Phi_{13}^{2}\,\Phi_{3}^{2}\,\Phi_{1}^{4}$
163875	1988	1128	$\frac{1}{141}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{70}{141}$	$\Phi_{1128}^{2}\,\Phi_{564}^{2}\,\Phi_{376}^{2}\,\Phi_{282}^{2}\,\Phi_{188}^{2}\,\Phi_{94}^{2}\,\Phi_{24}^{3}\,\Phi_{12}^{3}\,\Phi_{8}^{2}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}$
163876	1988	1987	$\frac{15}{1987}$	$\frac{143}{1987}$	$\frac{922}{1987}$	$\frac{986}{1987}$	$\Phi_{1987}\,\Phi_{1}^{2}$
163877	1988	4920	$\frac{5}{492}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{487}{984}$	$\Phi_{4920}\,\Phi_{1640}\,\Phi_{120}\,\Phi_{40}\,\Phi_{30}\,\Phi_{15}\,\Phi_{10}$
163878	1988	760	$\frac{1}{95}$	$\frac{1}{8}$	$\frac{24}{95}$	$\frac{47}{95}$	$\Phi_{760}^{3}\,\Phi_{380}^{3}\,\Phi_{190}^{3}\,\Phi_{152}^{3}\,\Phi_{76}^{3}\,\Phi_{40}^{3}\,\Phi_{38}^{3}\,\Phi_{20}^{3}\,\Phi_{10}^{3}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}$
163879	1988	1987	$\frac{25}{1987}$	$\frac{212}{1987}$	$\frac{503}{1987}$	$\frac{981}{1987}$	$\Phi_{1987}\,\Phi_{1}^{2}$
163880	1988	2985	$\frac{13}{995}$	$\frac{72}{995}$	$\frac{1}{3}$	$\frac{491}{995}$	$\Phi_{2985}\,\Phi_{597}\,\Phi_{15}$
163881	1988	3780	$\frac{1}{70}$	$\frac{1}{27}$	$\frac{13}{27}$	$\frac{69}{140}$	$\Phi_{3780}\,\Phi_{1260}\,\Phi_{756}\,\Phi_{540}\,\Phi_{420}\,\Phi_{252}\,\Phi_{180}\,\Phi_{140}^{2}\,\Phi_{108}\,\Phi_{84}\,\Phi_{60}\,\Phi_{36}\,\Phi_{28}^{2}\,\Phi_{27}\,\Phi_{20}^{2}\,\Phi_{12}\,\Phi_{9}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
163882	1988	420	$\frac{1}{70}$	$\frac{1}{15}$	$\frac{1}{3}$	$\frac{69}{140}$	$\Phi_{420}^{9}\,\Phi_{140}^{10}\,\Phi_{84}^{9}\,\Phi_{60}^{9}\,\Phi_{28}^{10}\,\Phi_{20}^{10}\,\Phi_{15}^{2}\,\Phi_{12}^{9}\,\Phi_{5}^{2}\,\Phi_{4}^{10}\,\Phi_{3}\,\Phi_{1}^{2}$
163883	1988	1260	$\frac{1}{70}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{69}{140}$	$\Phi_{1260}^{3}\,\Phi_{420}^{3}\,\Phi_{252}^{3}\,\Phi_{180}^{3}\,\Phi_{140}^{4}\,\Phi_{84}^{3}\,\Phi_{60}^{3}\,\Phi_{36}^{3}\,\Phi_{28}^{4}\,\Phi_{20}^{4}\,\Phi_{12}^{3}\,\Phi_{9}^{3}\,\Phi_{4}^{4}\,\Phi_{3}^{3}\,\Phi_{1}^{4}$
163884	1988	280	$\frac{1}{70}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{69}{140}$	$\Phi_{280}^{8}\,\Phi_{140}^{4}\,\Phi_{70}^{8}\,\Phi_{56}^{8}\,\Phi_{40}^{9}\,\Phi_{35}^{8}\,\Phi_{28}^{4}\,\Phi_{20}^{5}\,\Phi_{14}^{8}\,\Phi_{10}^{9}\,\Phi_{8}^{8}\,\Phi_{7}^{8}\,\Phi_{5}^{8}\,\Phi_{4}^{4}\,\Phi_{2}^{8}\,\Phi_{1}^{8}$
163885	1988	1368	$\frac{1}{57}$	$\frac{1}{8}$	$\frac{29}{171}$	$\frac{28}{57}$	$\Phi_{1368}^{2}\,\Phi_{684}^{2}\,\Phi_{456}\,\Phi_{342}^{2}\,\Phi_{228}\,\Phi_{152}\,\Phi_{114}\,\Phi_{76}\,\Phi_{72}^{2}\,\Phi_{38}\,\Phi_{36}^{2}\,\Phi_{24}\,\Phi_{18}^{2}\,\Phi_{12}\,\Phi_{6}$
163886	1988	4002	$\frac{2}{69}$	$\frac{1}{29}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{4002}\,\Phi_{1334}\,\Phi_{174}\,\Phi_{87}\,\Phi_{58}$
163887	1988	945	$\frac{1}{35}$	$\frac{1}{27}$	$\frac{34}{105}$	$\frac{13}{27}$	$\Phi_{945}^{2}\,\Phi_{315}^{2}\,\Phi_{189}^{2}\,\Phi_{135}^{2}\,\Phi_{105}^{3}\,\Phi_{63}^{2}\,\Phi_{45}^{2}\,\Phi_{35}^{2}\,\Phi_{27}^{3}\,\Phi_{21}^{3}\,\Phi_{15}^{3}\,\Phi_{9}^{3}\,\Phi_{7}^{2}\,\Phi_{5}^{2}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
163888	1988	675	$\frac{1}{27}$	$\frac{4}{75}$	$\frac{1}{5}$	$\frac{13}{27}$	$\Phi_{675}^{3}\,\Phi_{225}^{3}\,\Phi_{135}^{2}\,\Phi_{75}^{4}\,\Phi_{45}^{2}\,\Phi_{27}^{3}\,\Phi_{25}^{4}\,\Phi_{15}^{3}\,\Phi_{9}^{3}\,\Phi_{5}^{2}\,\Phi_{3}^{4}\,\Phi_{1}^{4}$
163889	1988	756	$\frac{1}{27}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{13}{27}$	$\Phi_{756}^{3}\,\Phi_{378}^{2}\,\Phi_{252}^{3}\,\Phi_{189}^{2}\,\Phi_{126}^{2}\,\Phi_{108}^{3}\,\Phi_{84}^{4}\,\Phi_{63}^{2}\,\Phi_{54}^{2}\,\Phi_{42}^{3}\,\Phi_{36}^{3}\,\Phi_{28}^{4}\,\Phi_{27}^{3}\,\Phi_{21}^{3}\,\Phi_{18}^{2}\,\Phi_{14}^{2}\,\Phi_{12}^{4}\,\Phi_{9}^{3}\,\Phi_{7}^{2}\,\Phi_{6}^{3}\,\Phi_{4}^{4}\,\Phi_{3}^{4}\,\Phi_{2}^{2}\,\Phi_{1}^{4}$
163890	1988	2079	$\frac{1}{27}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{13}{27}$	$\Phi_{2079}\,\Phi_{693}\,\Phi_{297}\,\Phi_{231}\,\Phi_{99}\,\Phi_{77}^{2}\,\Phi_{33}\,\Phi_{27}\,\Phi_{11}^{2}\,\Phi_{9}\,\Phi_{3}\,\Phi_{1}^{2}$
163891	1988	2160	$\frac{1}{27}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{13}{27}$	$\Phi_{2160}\,\Phi_{1080}\,\Phi_{720}\,\Phi_{540}\,\Phi_{432}\,\Phi_{360}\,\Phi_{240}\,\Phi_{216}\,\Phi_{180}\,\Phi_{144}\,\Phi_{120}\,\Phi_{108}\,\Phi_{80}^{2}\,\Phi_{72}\,\Phi_{60}\,\Phi_{48}\,\Phi_{40}^{2}\,\Phi_{36}\,\Phi_{27}\,\Phi_{24}\,\Phi_{20}^{2}\,\Phi_{16}^{2}\,\Phi_{12}\,\Phi_{9}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{3}\,\Phi_{1}^{2}$
163892	1988	2784	$\frac{1}{29}$	$\frac{1}{24}$	$\frac{25}{96}$	$\frac{23}{48}$	$\Phi_{2784}\,\Phi_{928}\,\Phi_{696}\,\Phi_{348}\,\Phi_{232}\,\Phi_{174}\,\Phi_{116}\,\Phi_{87}\,\Phi_{58}$
163893	1988	3944	$\frac{1}{29}$	$\frac{3}{68}$	$\frac{1}{4}$	$\frac{65}{136}$	$\Phi_{3944}\,\Phi_{232}\,\Phi_{116}\,\Phi_{58}$
163894	1988	1080	$\frac{7}{135}$	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{64}{135}$	$\Phi_{1080}^{2}\,\Phi_{540}^{2}\,\Phi_{360}^{2}\,\Phi_{270}^{2}\,\Phi_{216}^{2}\,\Phi_{180}^{3}\,\Phi_{120}^{3}\,\Phi_{108}^{2}\,\Phi_{90}^{2}\,\Phi_{72}^{2}\,\Phi_{60}^{3}\,\Phi_{54}^{2}\,\Phi_{40}^{3}\,\Phi_{36}^{2}\,\Phi_{30}^{3}\,\Phi_{24}^{3}\,\Phi_{20}^{3}\,\Phi_{18}^{2}\,\Phi_{12}^{3}\,\Phi_{10}^{3}\,\Phi_{8}^{2}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}$
163895	1988	152	$\frac{1}{19}$	$\frac{5}{76}$	$\frac{1}{8}$	$\frac{9}{19}$	$\Phi_{152}^{15}\,\Phi_{76}^{11}\,\Phi_{38}^{11}\,\Phi_{19}^{12}\,\Phi_{8}^{14}\,\Phi_{4}^{10}\,\Phi_{2}^{10}\,\Phi_{1}^{12}$
163896	1988	600	$\frac{4}{75}$	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{15}$	$\Phi_{600}^{4}\,\Phi_{300}^{4}\,\Phi_{200}^{4}\,\Phi_{150}^{4}\,\Phi_{120}^{3}\,\Phi_{100}^{4}\,\Phi_{60}^{3}\,\Phi_{50}^{4}\,\Phi_{40}^{3}\,\Phi_{30}^{3}\,\Phi_{24}^{3}\,\Phi_{20}^{3}\,\Phi_{12}^{3}\,\Phi_{10}^{3}\,\Phi_{8}^{2}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}$
163897	1988	1064	$\frac{1}{19}$	$\frac{9}{133}$	$\frac{1}{8}$	$\frac{62}{133}$	$\Phi_{1064}^{2}\,\Phi_{532}^{2}\,\Phi_{266}^{2}\,\Phi_{152}^{3}\,\Phi_{76}^{3}\,\Phi_{56}^{2}\,\Phi_{38}^{3}\,\Phi_{28}^{2}\,\Phi_{14}^{2}\,\Phi_{8}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}$
163898	1988	3828	$\frac{1}{29}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{61}{132}$	$\Phi_{3828}\,\Phi_{1276}\,\Phi_{348}\,\Phi_{174}\,\Phi_{116}\,\Phi_{87}\,\Phi_{58}$
163899	1988	660	$\frac{1}{15}$	$\frac{5}{66}$	$\frac{1}{11}$	$\frac{61}{132}$	$\Phi_{660}^{6}\,\Phi_{220}^{6}\,\Phi_{165}\,\Phi_{132}^{4}\,\Phi_{60}^{6}\,\Phi_{55}\,\Phi_{44}^{4}\,\Phi_{33}\,\Phi_{20}^{6}\,\Phi_{12}^{4}\,\Phi_{4}^{4}$
163900	1988	936	$\frac{1}{72}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{936}^{2}\,\Phi_{468}^{2}\,\Phi_{312}^{2}\,\Phi_{234}^{2}\,\Phi_{156}^{2}\,\Phi_{117}^{2}\,\Phi_{104}\,\Phi_{78}^{2}\,\Phi_{72}^{4}\,\Phi_{52}^{2}\,\Phi_{39}\,\Phi_{36}^{4}\,\Phi_{26}^{2}\,\Phi_{24}^{4}\,\Phi_{18}^{4}\,\Phi_{13}^{2}\,\Phi_{12}^{4}\,\Phi_{9}^{4}\,\Phi_{8}^{4}\,\Phi_{6}^{4}\,\Phi_{4}^{4}\,\Phi_{3}^{2}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
163901	1988	1222	$\frac{1}{47}$	$\frac{1}{13}$	$\frac{23}{94}$	$\frac{6}{13}$	$\Phi_{1222}^{2}\,\Phi_{611}\,\Phi_{94}^{4}\,\Phi_{47}^{2}\,\Phi_{26}^{2}\,\Phi_{13}^{2}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
163902	1988	390	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{7}{78}$	$\frac{6}{13}$	$\Phi_{390}^{6}\,\Phi_{195}^{5}\,\Phi_{130}^{6}\,\Phi_{78}^{4}\,\Phi_{65}^{5}\,\Phi_{39}^{3}\,\Phi_{30}^{6}\,\Phi_{26}^{4}\,\Phi_{15}^{4}\,\Phi_{13}^{4}\,\Phi_{10}^{6}\,\Phi_{6}^{4}\,\Phi_{5}^{4}\,\Phi_{3}^{2}\,\Phi_{2}^{4}\,\Phi_{1}^{4}$
163903	1988	1155	$\frac{1}{15}$	$\frac{6}{77}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{1155}^{2}\,\Phi_{385}^{2}\,\Phi_{231}^{2}\,\Phi_{165}\,\Phi_{105}^{2}\,\Phi_{55}\,\Phi_{35}^{2}\,\Phi_{33}\,\Phi_{21}^{2}$
163904	1988	390	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{6}{65}$	$\frac{59}{130}$	$\Phi_{390}^{10}\,\Phi_{195}\,\Phi_{130}^{8}\,\Phi_{78}^{10}\,\Phi_{65}\,\Phi_{39}\,\Phi_{30}^{10}\,\Phi_{26}^{8}\,\Phi_{10}^{8}\,\Phi_{6}^{10}\,\Phi_{2}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
163905	1988	2088	$\frac{1}{72}$	$\frac{3}{29}$	$\frac{8}{29}$	$\frac{13}{29}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{522}\ \Phi_{348}\ \Phi_{261}\ \Phi_{232}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}$
163906	1988	3712	$\frac{1}{29}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{128}$	$\Phi_{3712}\ \Phi_{232}\ \Phi_{116}\ \Phi_{58}$
163907	1988	2320	$\frac{1}{29}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2320}\ \Phi_{1160}\ \Phi_{580}\ \Phi_{290}\ \Phi_{232}\ \Phi_{145}\ \Phi_{116}\ \Phi_{58}$
163908	1988	3654	$\frac{1}{29}$	$\frac{1}{9}$	$\frac{8}{63}$	$\frac{55}{126}$	$\Phi_{3654}\ \Phi_{1218}\ \Phi_{522}\ \Phi_{406}\ \Phi_{261}\ \Phi_{174}\ \Phi_{87}\ \Phi_{58}$
163909	1988	1987	$\frac{20}{1987}$	$\frac{281}{1987}$	$\frac{567}{1987}$	$\frac{853}{1987}$	$\Phi_{1987}\ \Phi_{1}^{2}$
163910	1988	2985	$\frac{8}{995}$	$\frac{141}{995}$	$\frac{1}{3}$	$\frac{427}{995}$	$\Phi_{2985}\ \Phi_{597}\ \Phi_{15}$
163911	1988	1716	$\frac{1}{143}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\Phi_{1716}^{2}\ \Phi_{572}^{2}\ \Phi_{429}\ \Phi_{156}^{2}\ \Phi_{132}^{2}\ \Phi_{52}^{2}\ \Phi_{44}^{2}\ \Phi_{39}\ \Phi_{33}$
163912	1988	3396	$\frac{3}{283}$	$\frac{1}{6}$	$\frac{70}{283}$	$\frac{5}{12}$	$\Phi_{3396}\ \Phi_{1132}\ \Phi_{283}\ \Phi_{12}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
163913	1988	360	$\frac{1}{72}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{5}{12}$	$\Phi_{360}^{7}\ \Phi_{180}^{7}\ \Phi_{120}^{7}\ \Phi_{90}^{7}\ \Phi_{60}^{6}\ \Phi_{45}^{7}\ \Phi_{40}^{7}\ \Phi_{30}^{7}\ \Phi_{20}^{6}\ \Phi_{15}^{7}\ \Phi_{10}^{7}\ \Phi_{5}^{6}$
163914	1988	3480	$\frac{1}{29}$	$\frac{1}{12}$	$\frac{11}{60}$	$\frac{49}{120}$	$\Phi_{3480}\ \Phi_{1160}\ \Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}$
163915	1988	830	$\frac{1}{83}$	$\frac{82}{415}$	$\frac{1}{5}$	$\frac{333}{830}$	$\Phi_{830}^{4}\ \Phi_{415}\ \Phi_{166}^{4}\ \Phi_{10}^{4}\ \Phi_{2}^{4}$
163916	1988	1500	$\frac{3}{500}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{1500}^{2}\ \Phi_{750}^{2}\ \Phi_{375}^{2}\ \Phi_{300}^{2}\ \Phi_{150}^{2}\ \Phi_{75}^{2}\ \Phi_{60}^{2}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{12}^{2}\ \Phi_{6}^{2}$
163917	1988	1430	$\frac{1}{143}$	$\frac{1}{5}$	$\frac{3}{10}$	$\frac{2}{5}$	$\Phi_{1430}^{2}\ \Phi_{715}\ \Phi_{286}^{2}\ \Phi_{130}^{2}\ \Phi_{110}^{2}\ \Phi_{65}\ \Phi_{55}\ \Phi_{26}^{2}\ \Phi_{22}^{2}$
163918	1988	1160	$\frac{3}{145}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{1160}^{2}\ \Phi_{580}^{2}\ \Phi_{290}^{2}\ \Phi_{232}^{2}\ \Phi_{116}^{2}\ \Phi_{58}^{2}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
163919	1988	456	$\frac{1}{57}$	$\frac{1}{8}$	$\frac{14}{57}$	$\frac{43}{114}$	$\Phi_{456}^{5}\ \Phi_{228}^{5}\ \Phi_{152}^{5}\ \Phi_{114}\ \Phi_{76}^{5}\ \Phi_{57}^{4}\ \Phi_{38}\ \Phi_{24}^{5}\ \Phi_{19}^{4}\ \Phi_{12}^{5}\ \Phi_{8}^{4}\ \Phi_{6}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
163920	1988	2388	$\frac{1}{199}$	$\frac{99}{398}$	$\frac{1}{3}$	$\frac{299}{796}$	$\Phi_{2388}^{2}\ \Phi_{597}\ \Phi_{12}^{2}$
163921	1988	3132	$\frac{1}{29}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{37}{108}$	$\Phi_{3132}\ \Phi_{1044}\ \Phi_{522}\ \Phi_{348}\ \Phi_{261}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}$
163922	1988	744	$\frac{1}{248}$	$\frac{247}{744}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{744}^{3}\ \Phi_{372}^{3}\ \Phi_{248}^{2}\ \Phi_{186}^{3}\ \Phi_{124}^{2}\ \Phi_{93}^{3}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{24}^{3}\ \Phi_{12}^{3}\ \Phi_{8}^{2}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
163923	1988	1500	$\frac{3}{500}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1500}\ \Phi_{750}\ \Phi_{500}^{2}\ \Phi_{375}\ \Phi_{300}\ \Phi_{250}^{2}\ \Phi_{150}\ \Phi_{125}^{2}\ \Phi_{100}^{2}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}^{2}\ \Phi_{30}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
163924	1988	1287	$\frac{1}{143}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1287}^{2}\ \Phi_{429}\ \Phi_{117}^{2}\ \Phi_{99}^{2}\ \Phi_{39}\ \Phi_{33}$
163925	1988	1860	$\frac{1}{124}$	$\frac{123}{620}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1860}\ \Phi_{930}\ \Phi_{620}^{2}\ \Phi_{465}\ \Phi_{310}^{2}\ \Phi_{155}^{2}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
163926	1988	744	$\frac{3}{248}$	$\frac{35}{248}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{744}^{2}\ \Phi_{372}^{2}\ \Phi_{248}^{4}\ \Phi_{186}^{2}\ \Phi_{124}^{4}\ \Phi_{93}^{2}\ \Phi_{62}^{4}\ \Phi_{31}^{4}\ \Phi_{24}^{2}\ \Phi_{12}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
163927	1988	72	$\frac{1}{72}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{72}^{28}\ \Phi_{36}^{28}\ \Phi_{24}^{27}\ \Phi_{18}^{28}\ \Phi_{12}^{27}\ \Phi_{9}^{28}\ \Phi_{8}^{26}\ \Phi_{6}^{27}\ \Phi_{4}^{26}\ \Phi_{3}^{28}\ \Phi_{2}^{26}\ \Phi_{1}^{28}$
163928	1988	558	$\frac{1}{62}$	$\frac{61}{558}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{558}^{4}\ \Phi_{279}^{4}\ \Phi_{186}^{3}\ \Phi_{93}^{3}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{18}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
163929	1988	1536	$\frac{15}{512}$	$\frac{1}{16}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1536}\ \Phi_{768}\ \Phi_{512}^{2}\ \Phi_{384}\ \Phi_{256}^{2}\ \Phi_{192}\ \Phi_{128}^{2}\ \Phi_{96}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
163930	1988	1581	$\frac{1}{31}$	$\frac{30}{527}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1581}\ \Phi_{527}^{2}\ \Phi_{51}\ \Phi_{17}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
163931	1988	1485	$\frac{4}{495}$	$\frac{1}{5}$	$\frac{491}{1485}$	$\frac{1}{3}$	$\Phi_{1485}^{2}\ \Phi_{297}^{2}\ \Phi_{135}^{2}\ \Phi_{27}^{2}\ \Phi_{15}$
163932	1988	3384	$\frac{2}{141}$	$\frac{1}{8}$	$\frac{139}{423}$	$\frac{1}{3}$	$\Phi_{3384}\ \Phi_{1692}\ \Phi_{846}\ \Phi_{72}\ \Phi_{36}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{6}$
163933	1988	105	$\frac{1}{35}$	$\frac{1}{15}$	$\frac{34}{105}$	$\frac{1}{3}$	$\Phi_{105}^{19}\ \Phi_{35}^{18}\ \Phi_{21}^{19}\ \Phi_{15}^{21}\ \Phi_{7}^{18}\ \Phi_{5}^{20}\ \Phi_{3}^{20}\ \Phi_{1}^{20}$
163934	1988	1005	$\frac{11}{1005}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{1005}^{2}\ \Phi_{335}^{2}\ \Phi_{201}^{2}\ \Phi_{67}^{2}\ \Phi_{15}$
163935	1988	2547	$\frac{3}{283}$	$\frac{2}{9}$	$\frac{70}{283}$	$\frac{1}{3}$	$\Phi_{2547}\ \Phi_{283}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
163936	1988	660	$\frac{2}{165}$	$\frac{1}{5}$	$\frac{163}{660}$	$\frac{1}{3}$	$\Phi_{660}^{4}\ \Phi_{330}^{4}\ \Phi_{220}^{4}\ \Phi_{132}^{4}\ \Phi_{110}^{4}\ \Phi_{66}^{4}\ \Phi_{60}^{4}\ \Phi_{44}^{4}\ \Phi_{30}^{4}\ \Phi_{22}^{4}\ \Phi_{20}^{4}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
163937	1988	1128	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{23}{94}$	$\frac{1}{3}$	$\Phi_{1128}^{3}\ \Phi_{564}^{3}\ \Phi_{282}\ \Phi_{141}^{2}\ \Phi_{24}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{2}\ \Phi_{3}^{2}$
163938	1988	360	$\frac{1}{72}$	$\frac{1}{5}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{360}^{7}\ \Phi_{180}^{7}\ \Phi_{120}^{7}\ \Phi_{90}^{7}\ \Phi_{60}^{7}\ \Phi_{45}^{6}\ \Phi_{40}^{7}\ \Phi_{30}^{7}\ \Phi_{20}^{7}\ \Phi_{15}^{7}\ \Phi_{10}^{7}\ \Phi_{5}^{6}$
163939	1988	2970	$\frac{2}{99}$	$\frac{97}{594}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2970}\ \Phi_{1485}\ \Phi_{990}\ \Phi_{330}\ \Phi_{270}\ \Phi_{135}\ \Phi_{110}\ \Phi_{90}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
163940	1988	165	$\frac{4}{165}$	$\frac{23}{165}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{165}^{12}\ \Phi_{55}^{12}\ \Phi_{33}^{12}\ \Phi_{15}^{13}\ \Phi_{11}^{12}\ \Phi_{5}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
163941	1988	510	$\frac{13}{510}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{510}^{4}\ \Phi_{255}^{4}\ \Phi_{170}^{4}\ \Phi_{102}^{4}\ \Phi_{85}^{4}\ \Phi_{51}^{4}\ \Phi_{34}^{4}\ \Phi_{30}^{4}\ \Phi_{17}^{4}\ \Phi_{15}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{2}^{4}$
163942	1988	1650	$\frac{2}{55}$	$\frac{53}{550}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1650}^{2}\ \Phi_{825}^{2}\ \Phi_{330}^{2}\ \Phi_{150}^{2}\ \Phi_{75}^{2}\ \Phi_{66}^{2}\ \Phi_{30}^{2}\ \Phi_{15}\ \Phi_{6}^{2}$
163943	1988	1035	$\frac{41}{1035}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1035}^{2}\ \Phi_{345}^{2}\ \Phi_{207}^{2}\ \Phi_{115}^{2}\ \Phi_{69}^{2}\ \Phi_{23}^{2}\ \Phi_{15}$
163944	1988	540	$\frac{2}{45}$	$\frac{43}{540}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{540}^{4}\ \Phi_{270}^{4}\ \Phi_{180}^{4}\ \Phi_{135}^{4}\ \Phi_{108}^{4}\ \Phi_{90}^{4}\ \Phi_{60}^{4}\ \Phi_{54}^{4}\ \Phi_{36}^{4}\ \Phi_{30}^{4}\ \Phi_{27}^{4}\ \Phi_{20}^{4}\ \Phi_{18}^{4}\ \Phi_{15}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
163945	1988	3135	$\frac{51}{1045}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3135}\ \Phi_{627}\ \Phi_{285}\ \Phi_{57}\ \Phi_{15}$
163946	1988	75	$\frac{4}{75}$	$\frac{1}{15}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{75}^{28}\ \Phi_{25}^{28}\ \Phi_{15}^{21}\ \Phi_{5}^{20}\ \Phi_{3}^{20}\ \Phi_{1}^{20}$
163947	1988	2640	$\frac{31}{528}$	$\frac{2}{33}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{880}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{240}\ \Phi_{220}\ \Phi_{120}\ \Phi_{110}\ \Phi_{80}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
163948	1988	420	$\frac{1}{15}$	$\frac{1}{14}$	$\frac{13}{84}$	$\frac{1}{3}$	$\Phi_{420}^{6}\ \Phi_{210}^{4}\ \Phi_{140}^{6}\ \Phi_{105}^{4}\ \Phi_{84}^{4}\ \Phi_{70}^{4}\ \Phi_{60}^{6}\ \Phi_{42}^{3}\ \Phi_{35}^{4}\ \Phi_{30}^{4}\ \Phi_{28}^{4}\ \Phi_{21}^{3}\ \Phi_{20}^{6}\ \Phi_{15}^{6}\ \Phi_{14}^{2}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{7}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{6}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
163949	1988	1155	$\frac{1}{15}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1155}^{2}\ \Phi_{385}^{2}\ \Phi_{231}\ \Phi_{165}^{2}\ \Phi_{77}^{2}\ \Phi_{55}^{2}\ \Phi_{33}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
163950	1988	240	$\frac{1}{15}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{3}$	$\Phi_{240}^{9}\ \Phi_{120}^{9}\ \Phi_{80}^{10}\ \Phi_{60}^{9}\ \Phi_{48}^{9}\ \Phi_{40}^{10}\ \Phi_{24}^{9}\ \Phi_{20}^{10}\ \Phi_{16}^{10}\ \Phi_{15}^{2}\ \Phi_{12}^{9}\ \Phi_{8}^{10}\ \Phi_{5}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{1}^{2}$
163951	1988	3690	$\frac{5}{246}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{241}{738}$	$\Phi_{3690}\ \Phi_{1845}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
163952	1988	315	$\frac{1}{35}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{34}{105}$	$\Phi_{315}^{6}\ \Phi_{105}^{7}\ \Phi_{63}^{6}\ \Phi_{45}^{6}\ \Phi_{35}^{6}\ \Phi_{21}^{7}\ \Phi_{15}^{7}\ \Phi_{9}^{9}\ \Phi_{7}^{6}\ \Phi_{5}^{6}\ \Phi_{3}^{10}\ \Phi_{1}^{10}$
163953	1988	840	$\frac{1}{35}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{34}{105}$	$\Phi_{840}^{4}\ \Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{168}^{4}\ \Phi_{120}^{4}\ \Phi_{84}^{4}\ \Phi_{60}^{4}\ \Phi_{42}^{4}\ \Phi_{40}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{6}^{4}$
163954	1988	2520	$\frac{1}{15}$	$\frac{31}{315}$	$\frac{1}{8}$	$\frac{14}{45}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{420}\ \Phi_{280}\ \Phi_{252}\ \Phi_{210}\ \Phi_{168}\ \Phi_{140}\ \Phi_{126}\ \Phi_{120}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{30}\ \Phi_{28}\ \Phi_{24}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
163955	1988	165	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{23}{165}$	$\frac{10}{33}$	$\Phi_{165}^{12}\ \Phi_{55}^{12}\ \Phi_{33}^{13}\ \Phi_{15}^{11}\ \Phi_{11}^{12}\ \Phi_{5}^{11}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
163956	1988	3240	$\frac{1}{15}$	$\frac{14}{135}$	$\frac{1}{8}$	$\frac{121}{405}$	$\Phi_{3240}\ \Phi_{1620}\ \Phi_{810}\ \Phi_{648}\ \Phi_{324}\ \Phi_{162}\ \Phi_{120}\ \Phi_{60}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}$
163957	1988	3192	$\frac{1}{19}$	$\frac{1}{8}$	$\frac{18}{133}$	$\frac{115}{399}$	$\Phi_{3192}\ \Phi_{1596}\ \Phi_{798}\ \Phi_{456}\ \Phi_{228}\ \Phi_{168}\ \Phi_{152}\ \Phi_{114}\ \Phi_{84}\ \Phi_{76}\ \Phi_{42}\ \Phi_{38}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
163958	1988	495	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{28}{99}$	$\Phi_{495}^{6}\ \Phi_{165}\ \Phi_{99}^{4}\ \Phi_{55}\ \Phi_{45}^{6}\ \Phi_{33}\ \Phi_{9}^{4}$
163959	1988	195	$\frac{1}{15}$	$\frac{1}{13}$	$\frac{12}{65}$	$\frac{53}{195}$	$\Phi_{195}^{10}\ \Phi_{65}^{11}\ \Phi_{39}^{10}\ \Phi_{15}^{9}\ \Phi_{13}^{10}\ \Phi_{5}^{10}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
163960	1988	2784	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{96}$	$\Phi_{2784}\ \Phi_{1392}\ \Phi_{696}\ \Phi_{348}\ \Phi_{232}\ \Phi_{174}\ \Phi_{116}\ \Phi_{87}\ \Phi_{58}$
163961	1988	1320	$\frac{1}{15}$	$\frac{1}{11}$	$\frac{17}{88}$	$\frac{5}{22}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{440}^{2}\ \Phi_{264}^{2}\ \Phi_{220}^{2}\ \Phi_{165}\ \Phi_{132}^{2}\ \Phi_{120}^{2}\ \Phi_{60}^{2}\ \Phi_{55}\ \Phi_{40}^{2}\ \Phi_{33}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{12}^{2}$
163962	1988	225	$\frac{4}{75}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{2}{9}$	$\Phi_{225}^{9}\ \Phi_{75}^{10}\ \Phi_{45}^{6}\ \Phi_{25}^{10}\ \Phi_{15}^{7}\ \Phi_{9}^{9}\ \Phi_{5}^{6}\ \Phi_{3}^{10}\ \Phi_{1}^{10}$
163963	1988	252	$\frac{1}{14}$	$\frac{1}{9}$	$\frac{13}{84}$	$\frac{2}{9}$	$\Phi_{252}^{9}\ \Phi_{126}^{6}\ \Phi_{84}^{10}\ \Phi_{63}^{6}\ \Phi_{42}^{7}\ \Phi_{36}^{9}\ \Phi_{28}^{10}\ \Phi_{21}^{7}\ \Phi_{18}^{6}\ \Phi_{14}^{6}\ \Phi_{12}^{10}\ \Phi_{9}^{9}\ \Phi_{7}^{6}\ \Phi_{6}^{7}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{6}\ \Phi_{1}^{10}$
163964	1988	693	$\frac{6}{77}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{9}$	$\Phi_{693}^{3}\ \Phi_{231}^{3}\ \Phi_{99}^{3}\ \Phi_{77}^{4}\ \Phi_{33}^{3}\ \Phi_{11}^{4}\ \Phi_{9}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
163965	1988	720	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{80}$	$\frac{2}{9}$	$\Phi_{720}^{3}\ \Phi_{360}^{3}\ \Phi_{240}^{3}\ \Phi_{180}^{3}\ \Phi_{144}^{3}\ \Phi_{120}^{3}\ \Phi_{80}^{4}\ \Phi_{72}^{3}\ \Phi_{60}^{3}\ \Phi_{48}^{3}\ \Phi_{40}^{4}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{20}^{4}\ \Phi_{16}^{4}\ \Phi_{12}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
163966	1988	360	$\frac{1}{15}$	$\frac{1}{8}$	$\frac{7}{45}$	$\frac{19}{90}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{7}\ \Phi_{90}^{2}\ \Phi_{72}^{6}\ \Phi_{60}^{7}\ \Phi_{45}^{4}\ \Phi_{40}^{7}\ \Phi_{36}^{6}\ \Phi_{30}^{3}\ \Phi_{24}^{7}\ \Phi_{20}^{7}\ \Phi_{18}^{2}\ \Phi_{15}^{4}\ \Phi_{12}^{7}\ \Phi_{10}^{3}\ \Phi_{9}^{4}\ \Phi_{8}^{6}\ \Phi_{6}^{3}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
163967	1988	152	$\frac{5}{76}$	$\frac{1}{8}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{152}^{15}\ \Phi_{76}^{11}\ \Phi_{38}^{11}\ \Phi_{19}^{12}\ \Phi_{8}^{14}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{12}$
163968	1988	600	$\frac{4}{75}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{600}^{4}\ \Phi_{300}^{4}\ \Phi_{200}^{4}\ \Phi_{150}^{4}\ \Phi_{120}^{4}\ \Phi_{100}^{4}\ \Phi_{60}^{4}\ \Phi_{50}^{4}\ \Phi_{40}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{6}^{4}$
163969	1988	1400	$\frac{2}{35}$	$\frac{1}{8}$	$\frac{33}{175}$	$\frac{1}{5}$	$\Phi_{1400}^{2}\ \Phi_{700}^{2}\ \Phi_{350}^{2}\ \Phi_{200}^{2}\ \Phi_{100}^{2}\ \Phi_{50}^{2}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$
163970	1988	840	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{84}$	$\frac{1}{5}$	$\Phi_{840}^{4}\ \Phi_{420}^{3}\ \Phi_{280}^{2}\ \Phi_{210}^{3}\ \Phi_{140}\ \Phi_{120}^{4}\ \Phi_{105}^{3}\ \Phi_{70}^{2}\ \Phi_{60}^{3}\ \Phi_{40}^{3}\ \Phi_{35}^{2}\ \Phi_{30}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{3}\ \Phi_{5}^{2}$
163971	1988	3080	$\frac{6}{77}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{3080}\ \Phi_{1540}\ \Phi_{770}\ \Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
163972	1988	2520	$\frac{31}{315}$	$\frac{4}{35}$	$\frac{1}{8}$	$\frac{1}{5}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{168}\ \Phi_{126}\ \Phi_{120}\ \Phi_{90}\ \Phi_{84}\ \Phi_{72}\ \Phi_{60}\ \Phi_{42}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{18}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
163973	1988	80	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1}{8}$	$\frac{1}{5}$	$\Phi_{80}^{28}\ \Phi_{40}^{21}\ \Phi_{20}^{21}\ \Phi_{16}^{28}\ \Phi_{10}^{25}\ \Phi_{8}^{20}\ \Phi_{5}^{24}\ \Phi_{4}^{20}\ \Phi_{2}^{24}\ \Phi_{1}^{24}$
163974	1989	3968	$\frac{5}{1984}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1979}{3968}$	$\Phi_{3968}\ \Phi_{128}\ \Phi_8\ \Phi_1$
163975	1989	1136	$\frac{1}{284}$	$\frac{95}{568}$	$\frac{473}{1136}$	$\frac{283}{568}$	$\Phi_{1136}^{3}\ \Phi_{568}\ \Phi_{16}^{3}\ \Phi_8\ \Phi_1$
163976	1989	2656	$\frac{3}{664}$	$\frac{1}{4}$	$\frac{667}{2656}$	$\frac{661}{1328}$	$\Phi_{2656}\ \Phi_{664}\ \Phi_{332}\ \Phi_{166}\ \Phi_{83}\ \Phi_{32}\ \Phi_8\ \Phi_1$
163977	1989	880	$\frac{1}{220}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{219}{440}$	$\Phi_{880}^{4}\ \Phi_{440}\ \Phi_{176}^{4}\ \Phi_{88}\ \Phi_{80}^{4}\ \Phi_{40}\ \Phi_{16}^{5}\ \Phi_8\ \Phi_1$
163978	1989	440	$\frac{1}{220}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{219}{440}$	$\Phi_{440}^{9}\ \Phi_{88}^{9}\ \Phi_{40}^{9}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
163979	1989	912	$\frac{1}{152}$	$\frac{1}{12}$	$\frac{11}{24}$	$\frac{151}{304}$	$\Phi_{912}^{4}\ \Phi_{304}^{5}\ \Phi_{48}^{4}\ \Phi_{24}\ \Phi_{16}^{5}\ \Phi_8\ \Phi_1$
163980	1989	4560	$\frac{1}{152}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{151}{304}$	$\Phi_{4560}\ \Phi_{1520}\ \Phi_{304}\ \Phi_{240}\ \Phi_{80}\ \Phi_{16}\ \Phi_{15}\ \Phi_5\ \Phi_1$
163981	1989	2736	$\frac{1}{152}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{151}{304}$	$\Phi_{2736}^{2}\ \Phi_{304}\ \Phi_{144}^{2}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_1$
163982	1989	304	$\frac{1}{152}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{151}{304}$	$\Phi_{304}^{5}\ \Phi_{152}^{8}\ \Phi_{76}^{8}\ \Phi_{38}^{8}\ \Phi_{19}^{8}\ \Phi_{16}^{6}\ \Phi_{8}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
163983	1989	1316	$\frac{5}{658}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{653}{1316}$	$\Phi_{1316}^{3}\ \Phi_{188}^{3}\ \Phi_{28}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
163984	1989	928	$\frac{1}{116}$	$\frac{1}{16}$	$\frac{15}{32}$	$\frac{115}{232}$	$\Phi_{928}^{4}\ \Phi_{232}\ \Phi_{32}^{5}\ \Phi_8\ \Phi_1$
163985	1989	696	$\frac{1}{116}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{115}{232}$	$\Phi_{696}^{4}\ \Phi_{348}^{4}\ \Phi_{232}\ \Phi_{174}^{4}\ \Phi_{87}^{4}\ \Phi_{24}^{5}\ \Phi_{12}^{5}\ \Phi_8\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_1$
163986	1989	1160	$\frac{1}{116}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{115}{232}$	$\Phi_{1160}^{4}\ \Phi_{232}\ \Phi_{40}^{4}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
163987	1989	2660	$\frac{6}{665}$	$\frac{1}{7}$	$\frac{671}{2660}$	$\frac{659}{1330}$	$\Phi_{2660}\ \Phi_{665}\ \Phi_{532}\ \Phi_{380}\ \Phi_{140}\ \Phi_{133}\ \Phi_{95}\ \Phi_{76}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{19}\ \Phi_5\ \Phi_4\ \Phi_1$
163988	1989	2190	$\frac{2}{219}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{217}{438}$	$\Phi_{2190}\ \Phi_{1095}\ \Phi_{730}\ \Phi_{365}\ \Phi_{219}\ \Phi_{73}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
163989	1989	1312	$\frac{7}{656}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{649}{1312}$	$\Phi_{1312}^{3}\ \Phi_{32}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
163990	1989	1480	$\frac{1}{74}$	$\frac{1}{10}$	$\frac{75}{296}$	$\frac{73}{148}$	$\Phi_{1480}^{2}\ \Phi_{370}^{2}\ \Phi_{296}\ \Phi_{185}^{2}\ \Phi_{74}\ \Phi_{40}^{2}\ \Phi_{37}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
163991	1989	3920	$\frac{29}{1960}$	$\frac{1}{28}$	$\frac{27}{56}$	$\frac{1931}{3920}$	$\Phi_{3920}\ \Phi_{784}\ \Phi_{560}\ \Phi_{112}\ \Phi_{80}\ \Phi_{56}\ \Phi_{16}\ \Phi_8\ \Phi_1$
163992	1989	3920	$\frac{29}{1960}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{1931}{3920}$	$\Phi_{3920}\ \Phi_{784}\ \Phi_{560}\ \Phi_{112}\ \Phi_{80}\ \Phi_{35}\ \Phi_{16}\ \Phi_5\ \Phi_1$
163993	1989	266	$\frac{2}{133}$	$\frac{1}{7}$	$\frac{45}{266}$	$\frac{131}{266}$	$\Phi_{266}^{6}\ \Phi_{133}^{9}\ \Phi_{38}^{6}\ \Phi_{19}^{9}\ \Phi_{14}^{6}\ \Phi_{7}^{8}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
163994	1989	1900	$\frac{1}{50}$	$\frac{1}{38}$	$\frac{37}{76}$	$\frac{49}{100}$	$\Phi_{950}^{2}\ \Phi_{475}^{2}\ \Phi_{190}^{2}\ \Phi_{100}\ \Phi_{95}^{2}\ \Phi_{76}\ \Phi_{50}^{2}\ \Phi_{38}^{2}\ \Phi_{25}^{2}\ \Phi_{20}\ \Phi_{19}^{2}\ \Phi_{10}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
163995	1989	1900	$\frac{1}{50}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{49}{100}$	$\Phi_{1900}^{2}\ \Phi_{380}^{2}\ \Phi_{100}^{3}\ \Phi_{76}^{2}\ \Phi_{20}^{3}\ \Phi_{19}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
163996	1989	700	$\frac{1}{50}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{49}{100}$	$\Phi_{700}^{2}\ \Phi_{350}^{4}\ \Phi_{175}^{4}\ \Phi_{140}^{2}\ \Phi_{100}\ \Phi_{70}^{4}\ \Phi_{50}^{2}\ \Phi_{35}^{4}\ \Phi_{28}^{4}\ \Phi_{25}^{2}\ \Phi_{20}\ \Phi_{14}^{5}\ \Phi_{10}^{2}\ \Phi_{7}^{5}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
163997	1989	2160	$\frac{5}{216}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{211}{432}$	$\Phi_{2160}^{2}\ \Phi_{720}^{2}\ \Phi_{432}\ \Phi_{240}^{2}\ \Phi_{144}\ \Phi_{80}^{2}\ \Phi_{48}\ \Phi_{30}^{2}\ \Phi_{16}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
163998	1989	1900	$\frac{1}{38}$	$\frac{1}{25}$	$\frac{8}{25}$	$\frac{37}{76}$	$\Phi_{1900}^{2}\ \Phi_{380}^{2}\ \Phi_{100}^{2}\ \Phi_{76}^{3}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
163999	1989	684	$\frac{1}{38}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{37}{76}$	$\Phi_{684}^{2}\ \Phi_{342}^{4}\ \Phi_{228}^{2}\ \Phi_{171}^{4}\ \Phi_{114}^{4}\ \Phi_{76}\ \Phi_{57}^{4}\ \Phi_{38}^{2}\ \Phi_{36}^{4}\ \Phi_{19}^{2}\ \Phi_{18}^{5}\ \Phi_{12}^{4}\ \Phi_{9}^{5}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164000	1989	4180	$\frac{1}{38}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{37}{76}$	$\Phi_{4180}\ \Phi_{836}\ \Phi_{220}\ \Phi_{76}\ \Phi_{55}\ \Phi_{44}\ \Phi_{11}\ \Phi_4\ \Phi_1$
164001	1989	380	$\frac{1}{38}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{37}{76}$	$\Phi_{380}^{4}\ \Phi_{190}^{6}\ \Phi_{95}^{6}\ \Phi_{76}^{5}\ \Phi_{38}^{6}\ \Phi_{20}^{7}\ \Phi_{19}^{6}\ \Phi_{10}^{8}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
164002	1989	1288	$\frac{19}{644}$	$\frac{1}{28}$	$\frac{9}{28}$	$\frac{625}{1288}$	$\Phi_{1288}^{3}\ \Phi_{184}^{3}\ \Phi_{56}^{3}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164003	1989	784	$\frac{1}{28}$	$\frac{29}{392}$	$\frac{121}{784}$	$\frac{27}{56}$	$\Phi_{784}^{3}\ \Phi_{392}^{2}\ \Phi_{196}^{2}\ \Phi_{112}^{3}\ \Phi_{98}^{2}\ \Phi_{56}^{3}\ \Phi_{49}^{2}\ \Phi_{28}^{2}\ \Phi_{16}^{3}\ \Phi_{14}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164004	1989	2240	$\frac{1}{28}$	$\frac{29}{280}$	$\frac{251}{2240}$	$\frac{27}{56}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{64}\ \Phi_{56}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
164005	1989	896	$\frac{1}{28}$	$\frac{9}{224}$	$\frac{233}{896}$	$\frac{215}{448}$	$\Phi_{896}^{3}\ \Phi_{224}^{3}\ \Phi_{128}^{3}\ \Phi_{112}^{3}\ \Phi_{56}^{3}\ \Phi_{32}^{3}\ \Phi_{28}^{2}\ \Phi_{16}^{3}\ \Phi_{14}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164006	1989	98	$\frac{2}{49}$	$\frac{1}{14}$	$\frac{1}{7}$	$\frac{47}{98}$	$\Phi_{98}^{18}\ \Phi_{49}^{21}\ \Phi_{14}^{24}\ \Phi_{7}^{26}\ \Phi_{2}^{24}\ \Phi_{1}^{27}$
164007	1989	224	$\frac{1}{28}$	$\frac{5}{112}$	$\frac{27}{112}$	$\frac{107}{224}$	$\Phi_{224}^{17}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}^{17}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
164008	1989	2128	$\frac{6}{133}$	$\frac{139}{2128}$	$\frac{1}{7}$	$\frac{127}{266}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{532}\ \Phi_{304}\ \Phi_{152}\ \Phi_{133}\ \Phi_{112}\ \Phi_{76}\ \Phi_{56}\ \Phi_{28}\ \Phi_{19}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
164009	1989	1232	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{23}{176}$	$\frac{21}{44}$	$\Phi_{1232}^{2}\ \Phi_{616}^{2}\ \Phi_{176}\ \Phi_{154}^{2}\ \Phi_{112}^{2}\ \Phi_{88}\ \Phi_{77}^{2}\ \Phi_{56}^{2}\ \Phi_{22}\ \Phi_{16}\ \Phi_{14}\ \Phi_{11}\ \Phi_{8}\ \Phi_{7}\ \Phi_{1}$
164010	1989	420	$\frac{11}{210}$	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{199}{420}$	$\Phi_{420}^{9}\ \Phi_{140}^{9}\ \Phi_{84}^{9}\ \Phi_{60}^{9}\ \Phi_{35}^{3}\ \Phi_{28}^{9}\ \Phi_{20}^{9}\ \Phi_{12}^{9}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{9}\ \Phi_{1}^{3}$
164011	1989	700	$\frac{37}{700}$	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{33}{70}$	$\Phi_{700}^{3}\ \Phi_{350}^{3}\ \Phi_{175}^{3}\ \Phi_{140}^{3}\ \Phi_{100}^{3}\ \Phi_{50}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{3}\ \Phi_{25}^{3}\ \Phi_{20}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
164012	1989	928	$\frac{1}{58}$	$\frac{1}{16}$	$\frac{19}{58}$	$\frac{15}{32}$	$\Phi_{928}^{4}\ \Phi_{58}^{2}\ \Phi_{32}^{5}\ \Phi_{29}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164013	1989	160	$\frac{1}{40}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\Phi_{160}^{24}\ \Phi_{40}^{3}\ \Phi_{32}^{21}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164014	1989	4640	$\frac{1}{29}$	$\frac{1}{16}$	$\frac{28}{145}$	$\frac{15}{32}$	$\Phi_{4640}\ \Phi_{160}\ \Phi_{145}\ \Phi_{32}\ \Phi_{5}\ \Phi_{1}$
164015	1989	928	$\frac{1}{16}$	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{15}{32}$	$\Phi_{928}^{4}\ \Phi_{32}^{5}\ \Phi_{29}^{4}\ \Phi_{1}^{5}$
164016	1989	1120	$\frac{1}{16}$	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{15}{32}$	$\Phi_{1120}^{4}\ \Phi_{224}^{2}\ \Phi_{160}^{2}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{32}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
164017	1989	3724	$\frac{6}{133}$	$\frac{127}{1862}$	$\frac{1}{7}$	$\frac{1735}{3724}$	$\Phi_{3724}\ \Phi_{532}\ \Phi_{196}\ \Phi_{133}\ \Phi_{76}\ \Phi_{28}\ \Phi_{19}\ \Phi_{4}\ \Phi_{1}$
164018	1989	2002	$\frac{10}{143}$	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{133}{286}$	$\Phi_{2002}\ \Phi_{1001}\ \Phi_{182}\ \Phi_{154}^{2}\ \Phi_{143}\ \Phi_{91}\ \Phi_{77}^{2}\ \Phi_{22}\ \Phi_{14}\ \Phi_{13}\ \Phi_{11}\ \Phi_{7}\ \Phi_{1}$
164019	1989	56	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{5}{56}$	$\frac{13}{28}$	$\Phi_{56}^{39}\ \Phi_{28}^{26}\ \Phi_{14}^{38}\ \Phi_{8}^{39}\ \Phi_{7}^{38}\ \Phi_{4}^{26}\ \Phi_{2}^{38}\ \Phi_{1}^{39}$
164020	1989	1232	$\frac{1}{28}$	$\frac{47}{616}$	$\frac{9}{56}$	$\frac{569}{1232}$	$\Phi_{1232}^{3}\ \Phi_{176}^{3}\ \Phi_{112}^{3}\ \Phi_{56}^{3}\ \Phi_{28}^{2}\ \Phi_{16}^{3}\ \Phi_{14}^{2}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164021	1989	1232	$\frac{1}{14}$	$\frac{47}{616}$	$\frac{13}{154}$	$\frac{569}{1232}$	$\Phi_{1232}^{3}\ \Phi_{176}^{3}\ \Phi_{154}\ \Phi_{112}^{3}\ \Phi_{77}\ \Phi_{22}\ \Phi_{16}^{3}\ \Phi_{11}\ \Phi_{1}$
164022	1989	284	$\frac{5}{71}$	$\frac{11}{142}$	$\frac{6}{71}$	$\frac{131}{284}$	$\Phi_{284}^{13}\ \Phi_{71}^{2}\ \Phi_{4}^{13}\ \Phi_{1}^{3}$
164023	1989	456	$\frac{1}{76}$	$\frac{1}{12}$	$\frac{25}{76}$	$\frac{11}{24}$	$\Phi_{456}^{8}\ \Phi_{152}^{8}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{24}^{9}\ \Phi_{19}^{2}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164024	1989	312	$\frac{1}{52}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{11}{24}$	$\Phi_{312}^{12}\ \Phi_{104}^{12}\ \Phi_{52}^{3}\ \Phi_{26}^{3}\ \Phi_{24}^{9}\ \Phi_{13}^{3}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164025	1989	2280	$\frac{1}{38}$	$\frac{1}{12}$	$\frac{37}{190}$	$\frac{11}{24}$	$\Phi_{2280}^{2}\ \Phi_{760}^{2}\ \Phi_{190}\ \Phi_{120}^{2}\ \Phi_{95}\ \Phi_{40}^{2}\ \Phi_{24}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
164026	1989	480	$\frac{7}{160}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{11}{24}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{5}\ \Phi_{120}^{4}\ \Phi_{96}^{4}\ \Phi_{80}^{5}\ \Phi_{60}^{4}\ \Phi_{48}^{4}\ \Phi_{40}^{5}\ \Phi_{32}^{5}\ \Phi_{30}^{4}\ \Phi_{24}\ \Phi_{20}^{5}\ \Phi_{16}^{5}\ \Phi_{15}^{4}\ \Phi_{10}^{5}\ \Phi_{8}\ \Phi_{5}^{5}\ \Phi_{1}$
164027	1989	456	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{2}{19}$	$\frac{11}{24}$	$\Phi_{456}^{8}\ \Phi_{152}^{8}\ \Phi_{24}^{9}\ \Phi_{19}^{8}\ \Phi_{8}^{9}\ \Phi_{1}^{9}$
164028	1989	360	$\frac{1}{18}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{11}{24}$	$\Phi_{360}^{12}\ \Phi_{120}^{10}\ \Phi_{90}^{2}\ \Phi_{72}^{6}\ \Phi_{45}^{2}\ \Phi_{40}^{10}\ \Phi_{30}^{2}\ \Phi_{24}^{5}\ \Phi_{18}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}^{5}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
164029	1989	2156	$\frac{1}{14}$	$\frac{167}{2156}$	$\frac{13}{154}$	$\frac{141}{308}$	$\Phi_{2156}\ \Phi_{1078}\ \Phi_{539}\ \Phi_{196}\ \Phi_{154}\ \Phi_{98}\ \Phi_{77}\ \Phi_{49}\ \Phi_{22}\ \Phi_{11}\ \Phi_{1}$
164030	1989	280	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{13}{140}$	$\frac{127}{280}$	$\Phi_{280}^{13}\ \Phi_{56}^{13}\ \Phi_{40}^{13}\ \Phi_{14}^{12}\ \Phi_{8}^{13}\ \Phi_{7}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
164031	1989	3584	$\frac{1}{28}$	$\frac{197}{1792}$	$\frac{27}{224}$	$\frac{1595}{3584}$	$\Phi_{3584}\ \Phi_{512}\ \Phi_{224}\ \Phi_{112}\ \Phi_{56}\ \Phi_{32}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
164032	1989	1820	$\frac{1}{52}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{1820}\ \Phi_{910}\ \Phi_{455}\ \Phi_{364}\ \Phi_{260}^{2}\ \Phi_{182}\ \Phi_{140}\ \Phi_{130}^{2}\ \Phi_{91}\ \Phi_{65}^{2}\ \Phi_{52}\ \Phi_{35}\ \Phi_{28}\ \Phi_{26}\ \Phi_{20}^{2}\ \Phi_{13}\ \Phi_{10}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
164033	1989	2240	$\frac{1}{28}$	$\frac{251}{2240}$	$\frac{27}{224}$	$\frac{197}{448}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{320}\ \Phi_{280}\ \Phi_{224}\ \Phi_{160}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
164034	1989	2640	$\frac{1}{110}$	$\frac{1}{8}$	$\frac{109}{330}$	$\frac{7}{16}$	$\Phi_{2640}^{2}\ \Phi_{528}^{2}\ \Phi_{330}\ \Phi_{240}^{2}\ \Phi_{165}\ \Phi_{66}\ \Phi_{48}^{2}\ \Phi_{33}\ \Phi_{30}\ \Phi_{16}\ \Phi_{15}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
164035	1989	224	$\frac{3}{224}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{224}^{9}\ \Phi_{112}^{9}\ \Phi_{56}^{9}\ \Phi_{32}^{9}\ \Phi_{28}^{9}\ \Phi_{16}^{6}\ \Phi_{14}^{9}\ \Phi_{8}^{9}\ \Phi_{7}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
164036	1989	3600	$\frac{4}{225}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{16}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{225}\ \Phi_{144}\ \Phi_{75}\ \Phi_{48}\ \Phi_{45}\ \Phi_{25}\ \Phi_{16}\ \Phi_{15}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}$
164037	1989	4400	$\frac{1}{55}$	$\frac{1}{8}$	$\frac{54}{275}$	$\frac{7}{16}$	$\Phi_{4400}\ \Phi_{400}\ \Phi_{275}\ \Phi_{25}\ \Phi_{16}\ \Phi_{1}$
164038	1989	208	$\frac{1}{52}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$\Phi_{208}^{8}\ \Phi_{104}^{12}\ \Phi_{52}^{11}\ \Phi_{26}^{11}\ \Phi_{16}^{6}\ \Phi_{13}^{11}\ \Phi_{8}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
164039	1989	528	$\frac{1}{44}$	$\frac{1}{8}$	$\frac{43}{264}$	$\frac{7}{16}$	$\Phi_{528}^{8}\ \Phi_{264}\ \Phi_{176}^{4}\ \Phi_{132}\ \Phi_{88}\ \Phi_{66}\ \Phi_{48}^{8}\ \Phi_{33}\ \Phi_{24}\ \Phi_{16}^{5}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
164040	1989	1840	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1840}^{2}\ \Phi_{368}^{2}\ \Phi_{230}\ \Phi_{115}\ \Phi_{46}\ \Phi_{23}\ \Phi_{16}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164041	1989	3696	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{231}\ \Phi_{112}\ \Phi_{77}\ \Phi_{48}\ \Phi_{33}\ \Phi_{21}\ \Phi_{16}\ \Phi_7\ \Phi_3\ \Phi_1$
164042	1989	1936	$\frac{1}{22}$	$\frac{21}{242}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1936}^2\ \Phi_{242}\ \Phi_{121}\ \Phi_{16}\ \Phi_1$
164043	1989	240	$\frac{1}{20}$	$\frac{19}{240}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{240}^9\ \Phi_{120}^9\ \Phi_{80}^5\ \Phi_{60}^9\ \Phi_{48}^9\ \Phi_{40}^9\ \Phi_{30}^9\ \Phi_{24}^9\ \Phi_{20}^8\ \Phi_{16}^6\ \Phi_{15}^9\ \Phi_{12}^9\ \Phi_{10}^8\ \Phi_8^9\ \Phi_6^9\ \Phi_5^8\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^9$
164044	1989	880	$\frac{3}{55}$	$\frac{4}{55}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{880}^4\ \Phi_{176}^4\ \Phi_{80}^4\ \Phi_{55}^4\ \Phi_{16}^5\ \Phi_{11}^4\ \Phi_5^4\ \Phi_1^5$
164045	1989	1008	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1008}^4\ \Phi_{336}^4\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{63}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
164046	1989	392	$\frac{1}{28}$	$\frac{3}{28}$	$\frac{25}{196}$	$\frac{171}{392}$	$\Phi_{392}^9\ \Phi_{56}^9\ \Phi_{28}^8\ \Phi_{14}^8\ \Phi_8^9\ \Phi_7^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
164047	1989	1770	$\frac{1}{118}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	$\Phi_{1770}\ \Phi_{885}\ \Phi_{590}\ \Phi_{354}^2\ \Phi_{295}\ \Phi_{177}^2\ \Phi_{118}\ \Phi_{59}\ \Phi_{15}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
164048	1989	2324	$\frac{1}{83}$	$\frac{82}{581}$	$\frac{1}{4}$	$\frac{499}{1162}$	$\Phi_{2324}\ \Phi_{581}\ \Phi_{332}^2\ \Phi_{166}\ \Phi_{83}\ \Phi_{28}\ \Phi_7\ \Phi_4\ \Phi_1$
164049	1989	357	$\frac{2}{119}$	$\frac{1}{7}$	$\frac{4}{21}$	$\frac{3}{7}$	$\Phi_{357}^7\ \Phi_{119}^3\ \Phi_{51}^7\ \Phi_{21}^5\ \Phi_{17}^3\ \Phi_7^2\ \Phi_3^5\ \Phi_1^3$
164050	1989	616	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{7}{44}$	$\frac{37}{88}$	$\Phi_{616}^6\ \Phi_{154}^2\ \Phi_{88}^3\ \Phi_{77}^2\ \Phi_{56}^6\ \Phi_{22}\ \Phi_{14}\ \Phi_{11}\ \Phi_8^3\ \Phi_7\ \Phi_1$
164051	1989	1416	$\frac{1}{118}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{1416}^2\ \Phi_{472}^2\ \Phi_{354}^2\ \Phi_{177}^2\ \Phi_{118}\ \Phi_{59}\ \Phi_{24}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
164052	1989	1140	$\frac{7}{228}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{285}^2\ \Phi_{228}\ \Phi_{190}^2\ \Phi_{114}\ \Phi_{95}^2\ \Phi_{76}\ \Phi_{57}\ \Phi_{38}\ \Phi_{30}^2\ \Phi_{19}\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
164053	1989	1136	$\frac{1}{142}$	$\frac{95}{568}$	$\frac{47}{142}$	$\frac{473}{1136}$	$\Phi_{1136}^3\ \Phi_{142}^2\ \Phi_{71}^2\ \Phi_{16}^3\ \Phi_2^2\ \Phi_1^3$
164054	1989	2030	$\frac{41}{2030}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{70}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{406}\ \Phi_{290}\ \Phi_{203}\ \Phi_{145}\ \Phi_{58}\ \Phi_{35}\ \Phi_{29}\ \Phi_5\ \Phi_1$
164055	1989	1120	$\frac{1}{28}$	$\frac{9}{112}$	$\frac{103}{560}$	$\frac{457}{1120}$	$\Phi_{1120}^3\ \Phi_{224}^3\ \Phi_{160}^3\ \Phi_{112}^3\ \Phi_{56}^3\ \Phi_{32}^3\ \Phi_{28}^2\ \Phi_{16}^3\ \Phi_{14}^2\ \Phi_8^3\ \Phi_7^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
164056	1989	370	$\frac{1}{37}$	$\frac{1}{10}$	$\frac{36}{185}$	$\frac{149}{370}$	$\Phi_{370}^5\ \Phi_{185}^6\ \Phi_{74}^5\ \Phi_{37}^5\ \Phi_{10}^4\ \Phi_5^5\ \Phi_2^4\ \Phi_1^5$
164057	1989	3320	$\frac{3}{332}$	$\frac{329}{1660}$	$\frac{1}{4}$	$\frac{1331}{3320}$	$\Phi_{3320}\ \Phi_{664}\ \Phi_{332}\ \Phi_{166}\ \Phi_{83}\ \Phi_{40}\ \Phi_8\ \Phi_1$
164058	1989	2840	$\frac{1}{142}$	$\frac{141}{710}$	$\frac{851}{2840}$	$\frac{569}{1420}$	$\Phi_{2840}\ \Phi_{710}\ \Phi_{568}\ \Phi_{355}\ \Phi_{40}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
164059	1989	476	$\frac{2}{119}$	$\frac{1}{7}$	$\frac{3}{14}$	$\frac{11}{28}$	$\Phi_{476}^7\ \Phi_{119}^3\ \Phi_{68}^7\ \Phi_{28}^5\ \Phi_{17}^3\ \Phi_7^2\ \Phi_4^5\ \Phi_1^3$
164060	1989	832	$\frac{1}{52}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{25}{64}$	$\Phi_{832}^4\ \Phi_{104}^4\ \Phi_{64}^3\ \Phi_{52}^3\ \Phi_{26}^3\ \Phi_{13}^3\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
164061	1989	1064	$\frac{2}{133}$	$\frac{1}{7}$	$\frac{131}{532}$	$\frac{401}{1064}$	$\Phi_{1064}^3\ \Phi_{152}^3\ \Phi_{133}^3\ \Phi_{56}^3\ \Phi_{19}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
164062	1989	992	$\frac{5}{992}$	$\frac{1}{4}$	$\frac{329}{992}$	$\frac{3}{8}$	$\Phi_{992}^2\ \Phi_{496}^2\ \Phi_{248}^2\ \Phi_{124}^2\ \Phi_{62}^2\ \Phi_{32}^2\ \Phi_{31}^2\ \Phi_{16}^2\ \Phi_8^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
164063	1989	2000	$\frac{11}{2000}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{2000}\ \Phi_{1000}\ \Phi_{500}\ \Phi_{400}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
164064	1989	2480	$\frac{5}{496}$	$\frac{491}{2480}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2480}\ \Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{155}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
164065	1989	224	$\frac{3}{224}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{224}^9\ \Phi_{112}^9\ \Phi_{56}^9\ \Phi_{32}^8\ \Phi_{28}^9\ \Phi_{16}^8\ \Phi_{14}^9\ \Phi_8^9\ \Phi_7^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
164066	1989	248	$\frac{5}{248}$	$\frac{27}{248}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{248}^8\ \Phi_{124}^8\ \Phi_{62}^8\ \Phi_{31}^8\ \Phi_8^9\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
164067	1989	280	$\frac{1}{40}$	$\frac{5}{56}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{280}^8\ \Phi_{140}^8\ \Phi_{70}^8\ \Phi_{56}^7\ \Phi_{40}^3\ \Phi_{35}^8\ \Phi_{28}^7\ \Phi_{20}^3\ \Phi_{14}^7\ \Phi_{10}^3\ \Phi_8^3\ \Phi_7^7\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
164068	1989	2048	$\frac{59}{2048}$	$\frac{5}{64}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_8\ \Phi_1$
164069	1989	224	$\frac{3}{224}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{224}^9\ \Phi_{112}^9\ \Phi_{56}^9\ \Phi_{32}^9\ \Phi_{28}^9\ \Phi_{16}^9\ \Phi_{14}^6\ \Phi_8^9\ \Phi_7^8\ \Phi_4^9\ \Phi_2^6\ \Phi_1^9$
164070	1989	260	$\frac{1}{52}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{7}{20}$	$\Phi_{260}^8\ \Phi_{130}^8\ \Phi_{65}^8\ \Phi_{52}^7\ \Phi_{26}^7\ \Phi_{20}^5\ \Phi_{13}^7\ \Phi_{10}^7\ \Phi_5^7\ \Phi_4^4\ \Phi_2^6\ \Phi_1^7$
164071	1989	520	$\frac{1}{40}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{9}{26}$	$\Phi_{520}^4\ \Phi_{260}^4\ \Phi_{130}^4\ \Phi_{104}^4\ \Phi_{65}^4\ \Phi_{52}^4\ \Phi_{40}^3\ \Phi_{26}\ \Phi_{20}^3\ \Phi_{13}^3\ \Phi_{10}^3\ \Phi_8^3\ \Phi_5^3\ \Phi_4^3\ \Phi_1^3$
164072	1989	336	$\frac{1}{28}$	$\frac{3}{56}$	$\frac{53}{168}$	$\frac{115}{336}$	$\Phi_{336}^9\ \Phi_{112}^9\ \Phi_{56}^9\ \Phi_{48}^9\ \Phi_{28}^8\ \Phi_{16}^9\ \Phi_{14}^8\ \Phi_8^9\ \Phi_7^8\ \Phi_4^8\ \Phi_2^8\ \Phi_1^9$
164073	1989	284	$\frac{1}{142}$	$\frac{63}{284}$	$\frac{47}{142}$	$\frac{95}{284}$	$\Phi_{284}^6\ \Phi_{142}^8\ \Phi_{71}^8\ \Phi_4^6\ \Phi_2^8\ \Phi_1^9$
164074	1989	332	$\frac{1}{166}$	$\frac{1}{4}$	$\frac{55}{166}$	$\frac{111}{332}$	$\Phi_{332}^5\ \Phi_{166}^7\ \Phi_{83}^7\ \Phi_4^4\ \Phi_2^6\ \Phi_1^7$
164075	1989	1140	$\frac{1}{76}$	$\frac{2}{15}$	$\frac{25}{76}$	$\frac{1}{3}$	$\Phi_{1140}^2\ \Phi_{570}^2\ \Phi_{380}^2\ \Phi_{285}^2\ \Phi_{190}^2\ \Phi_{95}^2\ \Phi_{76}^2\ \Phi_{60}^2\ \Phi_{38}^2\ \Phi_{30}^2\ \Phi_{20}^2\ \Phi_{19}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_5^3\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164076	1989	780	$\frac{1}{52}$	$\frac{2}{15}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{780}^{3}\ \Phi_{390}^{3}\ \Phi_{260}^{3}\ \Phi_{195}^{3}\ \Phi_{130}^{3}\ \Phi_{65}^{3}\ \Phi_{60}^{2}\ \Phi_{52}^{3}\ \Phi_{30}^{2}\ \Phi_{26}^{3}\ \Phi_{20}^{2}\ \Phi_{15}^{3}\ \Phi_{13}^{3}\ \Phi_{10}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164077	1989	570	$\frac{1}{38}$	$\frac{2}{15}$	$\frac{37}{190}$	$\frac{1}{3}$	$\Phi_{570}^{3}\ \Phi_{285}^{3}\ \Phi_{190}^{4}\ \Phi_{114}^{4}\ \Phi_{95}^{4}\ \Phi_{57}^{4}\ \Phi_{38}^{4}\ \Phi_{30}^{3}\ \Phi_{19}^{4}\ \Phi_{15}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
164078	1989	231	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{231}^{9}\ \Phi_{77}^{9}\ \Phi_{33}^{5}\ \Phi_{21}^{9}\ \Phi_{11}^{9}\ \Phi_{7}^{9}\ \Phi_{3}^{4}\ \Phi_{1}^{9}$
164079	1989	480	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{480}^{4}\ \Phi_{240}^{4}\ \Phi_{160}^{5}\ \Phi_{120}^{3}\ \Phi_{96}^{4}\ \Phi_{80}^{5}\ \Phi_{60}^{3}\ \Phi_{48}^{4}\ \Phi_{40}^{4}\ \Phi_{32}^{5}\ \Phi_{30}^{3}\ \Phi_{24}^{4}\ \Phi_{20}^{4}\ \Phi_{16}^{5}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{8}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
164080	1989	285	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{285}^{8}\ \Phi_{95}^{8}\ \Phi_{19}^{8}\ \Phi_{15}^{9}\ \Phi_{5}^{9}\ \Phi_{1}^{9}$
164081	1989	90	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{2}{15}$	$\frac{1}{3}$	$\Phi_{90}^{23}\ \Phi_{45}^{23}\ \Phi_{30}^{19}\ \Phi_{18}^{25}\ \Phi_{15}^{20}\ \Phi_{10}^{18}\ \Phi_{9}^{25}\ \Phi_{6}^{21}\ \Phi_{5}^{19}\ \Phi_{3}^{21}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
164082	1989	660	$\frac{1}{110}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{109}{330}$	$\Phi_{660}^{4}\ \Phi_{330}^{5}\ \Phi_{165}^{5}\ \Phi_{132}^{4}\ \Phi_{66}^{5}\ \Phi_{60}^{4}\ \Phi_{33}^{5}\ \Phi_{30}^{5}\ \Phi_{15}^{5}\ \Phi_{12}^{4}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164083	1989	684	$\frac{1}{76}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{25}{76}$	$\Phi_{684}^{4}\ \Phi_{342}^{4}\ \Phi_{171}^{4}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{36}^{4}\ \Phi_{19}^{2}\ \Phi_{18}^{5}\ \Phi_{9}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164084	1989	304	$\frac{1}{76}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{25}{76}$	$\Phi_{304}^{8}\ \Phi_{152}^{8}\ \Phi_{76}^{2}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{16}^{9}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164085	1989	329	$\frac{5}{329}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{108}{329}$	$\Phi_{329}^{6}\ \Phi_{47}^{6}\ \Phi_{7}^{8}\ \Phi_{1}^{9}$
164086	1989	696	$\frac{1}{58}$	$\frac{1}{8}$	$\frac{7}{24}$	$\frac{19}{58}$	$\Phi_{696}^{4}\ \Phi_{348}^{4}\ \Phi_{174}^{4}\ \Phi_{87}^{4}\ \Phi_{58}^{2}\ \Phi_{29}^{2}\ \Phi_{24}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164087	1989	580	$\frac{1}{58}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{19}{58}$	$\Phi_{580}^{4}\ \Phi_{290}^{4}\ \Phi_{145}^{4}\ \Phi_{58}^{2}\ \Phi_{29}^{2}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{5}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164088	1989	328	$\frac{7}{328}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{107}{328}$	$\Phi_{328}^{6}\ \Phi_{164}^{6}\ \Phi_{82}^{6}\ \Phi_{41}^{6}\ \Phi_{8}^{9}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
164089	1989	980	$\frac{29}{980}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{317}{980}$	$\Phi_{980}^{2}\ \Phi_{490}^{2}\ \Phi_{245}^{2}\ \Phi_{196}^{2}\ \Phi_{140}^{2}\ \Phi_{98}^{2}\ \Phi_{70}^{2}\ \Phi_{49}^{2}\ \Phi_{35}^{3}\ \Phi_{28}^{2}\ \Phi_{20}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164090	1989	475	$\frac{1}{25}$	$\frac{1}{19}$	$\frac{6}{19}$	$\frac{8}{25}$	$\Phi_{475}^{4}\ \Phi_{95}^{4}\ \Phi_{25}^{6}\ \Phi_{19}^{6}\ \Phi_{5}^{6}\ \Phi_{1}^{9}$
164091	1989	700	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{8}{25}$	$\Phi_{700}^{4}\ \Phi_{350}^{2}\ \Phi_{175}^{2}\ \Phi_{140}^{4}\ \Phi_{100}^{2}\ \Phi_{70}^{2}\ \Phi_{35}^{2}\ \Phi_{28}^{6}\ \Phi_{25}^{2}\ \Phi_{20}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{2}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
164092	1989	497	$\frac{20}{497}$	$\frac{26}{497}$	$\frac{157}{497}$	$\frac{159}{497}$	$\Phi_{497}^{4}\ \Phi_{71}^{4}\ \Phi_{7}^{4}\ \Phi_{1}^{5}$
164093	1989	154	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{5}{22}$	$\frac{7}{22}$	$\Phi_{154}^{14}\ \Phi_{77}^{14}\ \Phi_{22}^{7}\ \Phi_{14}^{13}\ \Phi_{11}^{7}\ \Phi_{7}^{13}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
164094	1989	1620	$\frac{5}{108}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{103}{324}$	$\Phi_{1620}^{2}\ \Phi_{810}^{2}\ \Phi_{405}^{2}\ \Phi_{324}\ \Phi_{162}\ \Phi_{81}\ \Phi_{30}^{2}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
164095	1989	684	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{6}{19}$	$\Phi_{684}^{4}\ \Phi_{342}^{2}\ \Phi_{228}^{4}\ \Phi_{171}^{2}\ \Phi_{114}^{2}\ \Phi_{76}^{2}\ \Phi_{57}^{2}\ \Phi_{36}^{6}\ \Phi_{19}^{2}\ \Phi_{18}^{3}\ \Phi_{12}^{6}\ \Phi_{9}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
164096	1989	1045	$\frac{1}{19}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{6}{19}$	$\Phi_{1045}^{2}\ \Phi_{209}^{2}\ \Phi_{55}^{3}\ \Phi_{19}^{2}\ \Phi_{11}^{3}\ \Phi_{1}^{3}$
164097	1989	380	$\frac{1}{19}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{6}{19}$	$\Phi_{380}^{6}\ \Phi_{190}^{4}\ \Phi_{95}^{4}\ \Phi_{76}^{6}\ \Phi_{38}^{4}\ \Phi_{20}^{9}\ \Phi_{19}^{6}\ \Phi_{10}^{6}\ \Phi_{5}^{6}\ \Phi_{4}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
164098	1989	994	$\frac{55}{994}$	$\frac{59}{994}$	$\frac{227}{994}$	$\frac{313}{994}$	$\Phi_{994}^{2}\ \Phi_{497}^{2}\ \Phi_{142}^{2}\ \Phi_{71}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164099	1989	664	$\frac{35}{664}$	$\frac{37}{664}$	$\frac{1}{4}$	$\frac{209}{664}$	$\Phi_{664}^{3}\ \Phi_{332}^{3}\ \Phi_{166}^{3}\ \Phi_{83}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164100	1989	245	$\frac{2}{35}$	$\frac{24}{245}$	$\frac{1}{7}$	$\frac{11}{35}$	$\Phi_{245}^{9}\ \Phi_{49}^{9}\ \Phi_{35}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
164101	1989	1062	$\frac{1}{18}$	$\frac{7}{118}$	$\frac{27}{118}$	$\frac{37}{118}$	$\Phi_{1062}^{2}\ \Phi_{531}^{2}\ \Phi_{354}^{2}\ \Phi_{177}^{2}\ \Phi_{118}\ \Phi_{59}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
164102	1989	994	$\frac{45}{994}$	$\frac{73}{994}$	$\frac{229}{994}$	$\frac{307}{994}$	$\Phi_{994}^{2}\ \Phi_{497}^{2}\ \Phi_{142}^{2}\ \Phi_{71}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164103	1989	664	$\frac{27}{664}$	$\frac{49}{664}$	$\frac{1}{4}$	$\frac{205}{664}$	$\Phi_{664}^{3}\ \Phi_{332}^{3}\ \Phi_{166}^{3}\ \Phi_{83}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164104	1989	770	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{107}{770}$	$\frac{47}{154}$	$\Phi_{770}^{3}\ \Phi_{385}^{3}\ \Phi_{154}\ \Phi_{110}^{3}\ \Phi_{77}\ \Phi_{70}^{3}\ \Phi_{55}^{3}\ \Phi_{35}^{3}\ \Phi_{22}\ \Phi_{11}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{1}$
164105	1989	315	$\frac{2}{35}$	$\frac{11}{105}$	$\frac{1}{7}$	$\frac{94}{315}$	$\Phi_{315}^{9}\ \Phi_{63}^{9}\ \Phi_{45}^{9}\ \Phi_{35}^{3}\ \Phi_{9}^{9}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
164106	1989	120	$\frac{1}{40}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{24}$	$\Phi_{120}^{24}\ \Phi_{60}^{24}\ \Phi_{40}^{3}\ \Phi_{30}^{24}\ \Phi_{24}^{21}\ \Phi_{20}^{3}\ \Phi_{15}^{24}\ \Phi_{12}^{21}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{6}^{21}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{21}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164107	1989	3480	$\frac{1}{29}$	$\frac{1}{8}$	$\frac{28}{145}$	$\frac{7}{24}$	$\Phi_{3480}\ \Phi_{1740}\ \Phi_{870}\ \Phi_{435}\ \Phi_{145}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
164108	1989	696	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{696}^{4}\ \Phi_{348}^{4}\ \Phi_{174}^{4}\ \Phi_{87}^{4}\ \Phi_{29}^{4}\ \Phi_{24}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
164109	1989	840	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{840}^{4}\ \Phi_{420}^{4}\ \Phi_{210}^{4}\ \Phi_{168}^{2}\ \Phi_{120}^{2}\ \Phi_{105}^{4}\ \Phi_{84}^{2}\ \Phi_{70}^{2}\ \Phi_{60}^{2}\ \Phi_{42}^{2}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{24}\ \Phi_{21}^{2}\ \Phi_{15}^{2}\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164110	1989	931	$\frac{6}{133}$	$\frac{127}{931}$	$\frac{1}{7}$	$\frac{268}{931}$	$\Phi_{931}^{2}\ \Phi_{133}^{3}\ \Phi_{49}^{2}\ \Phi_{19}^{3}\ \Phi_{7}^{2}\ \Phi_{1}^{3}$
164111	1989	56	$\frac{1}{14}$	$\frac{5}{56}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{56}^{39}\ \Phi_{28}^{39}\ \Phi_{14}^{24}\ \Phi_{8}^{39}\ \Phi_{7}^{26}\ \Phi_{4}^{39}\ \Phi_{2}^{24}\ \Phi_{1}^{27}$
164112	1989	308	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{47}{308}$	$\frac{87}{308}$	$\Phi_{308}^{6}\ \Phi_{154}^{7}\ \Phi_{77}^{7}\ \Phi_{44}^{6}\ \Phi_{28}^{6}\ \Phi_{22}^{7}\ \Phi_{14}^{6}\ \Phi_{11}^{7}\ \Phi_{7}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
164113	1989	71	$\frac{5}{71}$	$\frac{6}{71}$	$\frac{11}{71}$	$\frac{20}{71}$	$\Phi_{71}^{28}\ \Phi_{1}^{29}$
164114	1989	468	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{18}$	$\Phi_{468}^{6}\ \Phi_{234}^{6}\ \Phi_{117}^{6}\ \Phi_{52}^{3}\ \Phi_{36}^{4}\ \Phi_{26}^{3}\ \Phi_{18}^{5}\ \Phi_{13}^{3}\ \Phi_{9}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164115	1989	1710	$\frac{1}{38}$	$\frac{1}{6}$	$\frac{37}{190}$	$\frac{5}{18}$	$\Phi_{1710}^{2}\ \Phi_{855}^{2}\ \Phi_{190}\ \Phi_{95}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{18}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
164116	1989	1440	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1440}^{2}\ \Phi_{720}^{2}\ \Phi_{360}^{2}\ \Phi_{288}^{2}\ \Phi_{180}^{2}\ \Phi_{160}\ \Phi_{144}^{2}\ \Phi_{90}^{2}\ \Phi_{80}\ \Phi_{45}^{2}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{10}\ \Phi_{9}\ \Phi_{5}\ \Phi_{1}$
164117	1989	342	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{342}^{8}\ \Phi_{171}^{8}\ \Phi_{19}^{9}\ \Phi_{18}^{9}\ \Phi_{9}^{9}\ \Phi_{1}^{9}$
164118	1989	90	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{90}^{24}\ \Phi_{45}^{24}\ \Phi_{30}^{26}\ \Phi_{18}^{12}\ \Phi_{15}^{26}\ \Phi_{10}^{25}\ \Phi_{9}^{12}\ \Phi_{6}^{13}\ \Phi_{5}^{25}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
164119	1989	70	$\frac{1}{14}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{19}{70}$	$\Phi_{70}^{26}\ \Phi_{35}^{26}\ \Phi_{14}^{38}\ \Phi_{10}^{26}\ \Phi_{7}^{38}\ \Phi_{5}^{26}\ \Phi_{2}^{38}\ \Phi_{1}^{39}$
164120	1989	896	$\frac{1}{28}$	$\frac{27}{224}$	$\frac{197}{896}$	$\frac{233}{896}$	$\Phi_{896}^{2}\ \Phi_{448}^{2}\ \Phi_{224}^{3}\ \Phi_{128}^{2}\ \Phi_{112}^{3}\ \Phi_{64}^{2}\ \Phi_{56}^{3}\ \Phi_{32}^{2}\ \Phi_{28}^{3}\ \Phi_{16}^{2}\ \Phi_{14}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164121	1989	224	$\frac{3}{224}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{224}^{9}\ \Phi_{112}^{9}\ \Phi_{56}^{9}\ \Phi_{32}^{9}\ \Phi_{28}^{9}\ \Phi_{16}^{9}\ \Phi_{14}^{9}\ \Phi_{8}^{9}\ \Phi_{7}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164122	1989	880	$\frac{3}{220}$	$\frac{217}{880}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{880}^{3}\ \Phi_{440}^{3}\ \Phi_{176}^{3}\ \Phi_{88}^{3}\ \Phi_{80}^{3}\ \Phi_{40}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164123	1989	900	$\frac{4}{225}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{900}^{2}\ \Phi_{450}^{2}\ \Phi_{300}^{2}\ \Phi_{225}^{3}\ \Phi_{180}^{2}\ \Phi_{150}^{2}\ \Phi_{100}^{2}\ \Phi_{90}^{2}\ \Phi_{75}^{3}\ \Phi_{60}^{2}\ \Phi_{50}^{2}\ \Phi_{45}^{3}\ \Phi_{36}^{2}\ \Phi_{30}^{2}\ \Phi_{25}^{3}\ \Phi_{18}^{2}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{3}\ \Phi_{1}^{3}$
164124	1989	1100	$\frac{1}{55}$	$\frac{54}{275}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{1100}^{2}\ \Phi_{550}^{2}\ \Phi_{275}^{3}\ \Phi_{100}^{2}\ \Phi_{50}^{2}\ \Phi_{25}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164125	1989	208	$\frac{1}{52}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{208}^{12}\ \Phi_{104}^{12}\ \Phi_{52}^{3}\ \Phi_{26}^{3}\ \Phi_{16}^{9}\ \Phi_{13}^{3}\ \Phi_{8}^{9}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164126	1989	264	$\frac{1}{44}$	$\frac{43}{264}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{264}^{9}\ \Phi_{132}^{9}\ \Phi_{88}^{9}\ \Phi_{66}^{9}\ \Phi_{33}^{9}\ \Phi_{24}^{9}\ \Phi_{12}^{9}\ \Phi_{8}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{2}\ \Phi_{3}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164127	1989	40	$\frac{1}{40}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{40}^{51}\ \Phi_{20}^{48}\ \Phi_{10}^{48}\ \Phi_{8}^{51}\ \Phi_{5}^{48}\ \Phi_{4}^{50}\ \Phi_{2}^{50}\ \Phi_{1}^{51}$
164128	1989	460	$\frac{9}{230}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{460}^{4}\ \Phi_{230}^{5}\ \Phi_{115}^{5}\ \Phi_{92}^{4}\ \Phi_{46}^{5}\ \Phi_{23}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164129	1989	924	$\frac{10}{231}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{924}^{2}\ \Phi_{462}^{2}\ \Phi_{308}^{2}\ \Phi_{231}^{3}\ \Phi_{154}^{2}\ \Phi_{132}^{2}\ \Phi_{84}^{2}\ \Phi_{77}^{3}\ \Phi_{66}^{2}\ \Phi_{42}^{2}\ \Phi_{33}^{3}\ \Phi_{28}^{2}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{12}^{2}\ \Phi_{7}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164130	1989	484	$\frac{1}{22}$	$\frac{21}{242}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{484}^{4}\ \Phi_{242}^{5}\ \Phi_{121}^{5}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164131	1989	240	$\frac{1}{20}$	$\frac{19}{240}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{240}^{9}\ \Phi_{120}^{9}\ \Phi_{80}^{9}\ \Phi_{60}^{9}\ \Phi_{48}^{9}\ \Phi_{40}^{9}\ \Phi_{30}^{9}\ \Phi_{24}^{9}\ \Phi_{16}^{9}\ \Phi_{15}^{9}\ \Phi_{12}^{9}\ \Phi_{8}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{2}\ \Phi_{3}^{9}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164132	1989	220	$\frac{3}{55}$	$\frac{4}{55}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{220}^{8}\ \Phi_{110}^{8}\ \Phi_{55}^{12}\ \Phi_{44}^{8}\ \Phi_{22}^{8}\ \Phi_{20}^{8}\ \Phi_{11}^{12}\ \Phi_{10}^{8}\ \Phi_{5}^{12}\ \Phi_{4}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{15}$
164133	1989	252	$\frac{1}{18}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{252}^{8}\ \Phi_{126}^{10}\ \Phi_{84}^{8}\ \Phi_{63}^{10}\ \Phi_{42}^{10}\ \Phi_{36}^{4}\ \Phi_{28}^{4}\ \Phi_{21}^{10}\ \Phi_{18}^{5}\ \Phi_{14}^{5}\ \Phi_{12}^{4}\ \Phi_{9}^{5}\ \Phi_{7}^{5}\ \Phi_{6}^{5}\ \Phi_{4}^{2}\ \Phi_{3}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164134	1989	704	$\frac{41}{704}$	$\frac{3}{44}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{704}^{3}\ \Phi_{352}^{3}\ \Phi_{176}^{3}\ \Phi_{88}^{3}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164135	1989	320	$\frac{1}{40}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{320}^{8}\ \Phi_{160}^{8}\ \Phi_{64}^{7}\ \Phi_{40}^{3}\ \Phi_{32}^{7}\ \Phi_{20}^{3}\ \Phi_{10}^{3}\ \Phi_{8}^{3}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164136	1989	1540	$\frac{1}{14}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1540}^{2}\ \Phi_{770}\ \Phi_{385}\ \Phi_{308}^{2}\ \Phi_{220}\ \Phi_{154}\ \Phi_{77}\ \Phi_{55}\ \Phi_{44}\ \Phi_{28}^{2}\ \Phi_{14}\ \Phi_{11}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
164137	1989	1520	$\frac{1}{38}$	$\frac{3}{16}$	$\frac{37}{190}$	$\frac{1}{4}$	$\Phi_{1520}^{2}\ \Phi_{760}^{2}\ \Phi_{190}\ \Phi_{95}\ \Phi_{80}^{2}\ \Phi_{40}^{2}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
164138	1989	580	$\frac{1}{29}$	$\frac{3}{20}$	$\frac{28}{145}$	$\frac{1}{4}$	$\Phi_{580}^{3}\ \Phi_{290}^{3}\ \Phi_{145}^{4}\ \Phi_{116}^{4}\ \Phi_{58}^{4}\ \Phi_{29}^{4}\ \Phi_{20}^{4}\ \Phi_{10}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
164139	1989	160	$\frac{7}{160}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{160}^{13}\ \Phi_{80}^{13}\ \Phi_{40}^{13}\ \Phi_{32}^{13}\ \Phi_{20}^{13}\ \Phi_{16}^{6}\ \Phi_{10}^{13}\ \Phi_{8}^{9}\ \Phi_{5}^{13}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
164140	1989	304	$\frac{1}{19}$	$\frac{2}{19}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{304}^{8}\ \Phi_{152}^{8}\ \Phi_{19}^{8}\ \Phi_{16}^{9}\ \Phi_{8}^{9}\ \Phi_{1}^{9}$
164141	1989	720	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{720}^{4}\ \Phi_{360}^{4}\ \Phi_{240}^{4}\ \Phi_{144}^{2}\ \Phi_{120}^{4}\ \Phi_{90}^{2}\ \Phi_{80}^{2}\ \Phi_{72}^{2}\ \Phi_{48}^{2}\ \Phi_{45}^{2}\ \Phi_{40}^{2}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{18}\ \Phi_{16}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
164142	1989	580	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{580}^{4}\ \Phi_{290}^{4}\ \Phi_{145}^{4}\ \Phi_{29}^{4}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{5}^{5}\ \Phi_{1}^{5}$
164143	1989	140	$\frac{1}{14}$	$\frac{1}{10}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{140}^{14}\ \Phi_{70}^{16}\ \Phi_{35}^{16}\ \Phi_{28}^{16}\ \Phi_{20}^{7}\ \Phi_{14}^{17}\ \Phi_{10}^{8}\ \Phi_{7}^{17}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
164144	1989	1440	$\frac{5}{72}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{67}{288}$	$\Phi_{1440}^{2}\ \Phi_{720}^{2}\ \Phi_{480}^{2}\ \Phi_{288}\ \Phi_{240}^{2}\ \Phi_{160}^{2}\ \Phi_{144}\ \Phi_{96}\ \Phi_{80}^{2}\ \Phi_{48}\ \Phi_{32}\ \Phi_{30}^{2}\ \Phi_{16}\ \Phi_{15}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164145	1989	2464	$\frac{1}{14}$	$\frac{13}{154}$	$\frac{475}{2464}$	$\frac{141}{616}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{352}\ \Phi_{224}\ \Phi_{176}\ \Phi_{154}\ \Phi_{112}\ \Phi_{77}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_1$
164146	1989	154	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{22}$	$\Phi_{154}^{14}\ \Phi_{77}^{14}\ \Phi_{22}^{5}\ \Phi_{14}^{13}\ \Phi_{11}^{9}\ \Phi_{7}^{13}\ \Phi_{2}^{4}\ \Phi_{1}^{9}$
164147	1989	196	$\frac{1}{14}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{43}{196}$	$\Phi_{196}^{13}\ \Phi_{98}^{6}\ \Phi_{49}^{7}\ \Phi_{28}^{13}\ \Phi_{14}^{12}\ \Phi_{7}^{12}\ \Phi_{4}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
164148	1989	280	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{11}{70}$	$\frac{59}{280}$	$\Phi_{280}^{9}\ \Phi_{140}^{9}\ \Phi_{56}^{9}\ \Phi_{40}^{9}\ \Phi_{35}^{3}\ \Phi_{28}^{9}\ \Phi_{20}^{9}\ \Phi_{8}^{9}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{9}\ \Phi_{1}^{3}$
164149	1989	240	$\frac{19}{240}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{240}^{9}\ \Phi_{120}^{7}\ \Phi_{80}^{9}\ \Phi_{60}^{7}\ \Phi_{48}^{9}\ \Phi_{40}^{7}\ \Phi_{30}^{9}\ \Phi_{24}^{8}\ \Phi_{20}^{7}\ \Phi_{16}^{9}\ \Phi_{15}^{9}\ \Phi_{12}^{8}\ \Phi_{10}^{8}\ \Phi_{8}^{8}\ \Phi_{6}^{9}\ \Phi_{5}^{8}\ \Phi_{4}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
164150	1989	700	$\frac{37}{700}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{140}$	$\Phi_{700}^{3}\ \Phi_{350}^{3}\ \Phi_{175}^{3}\ \Phi_{140}^{2}\ \Phi_{100}^{3}\ \Phi_{70}^{2}\ \Phi_{50}^{3}\ \Phi_{35}^{3}\ \Phi_{28}^{2}\ \Phi_{25}^{3}\ \Phi_{20}^{2}\ \Phi_{14}^{2}\ \Phi_{10}^{2}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164151	1989	2450	$\frac{29}{490}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{461}{2450}$	$\Phi_{2450}\ \Phi_{1225}\ \Phi_{350}\ \Phi_{175}\ \Phi_{50}\ \Phi_{35}\ \Phi_{25}\ \Phi_{5}\ \Phi_{1}$
164152	1989	270	$\frac{5}{54}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{49}{270}$	$\Phi_{270}^{7}\ \Phi_{135}^{7}\ \Phi_{90}^{7}\ \Phi_{54}^{8}\ \Phi_{45}^{7}\ \Phi_{30}^{9}\ \Phi_{27}^{8}\ \Phi_{18}^{8}\ \Phi_{15}^{9}\ \Phi_{10}^{8}\ \Phi_{9}^{8}\ \Phi_{6}^{9}\ \Phi_{5}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{9}$
164153	1989	245	$\frac{24}{245}$	$\frac{29}{245}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{245}^{8}\ \Phi_{49}^{8}\ \Phi_{35}^{9}\ \Phi_{7}^{8}\ \Phi_{5}^{9}\ \Phi_{1}^{9}$
164154	1989	2240	$\frac{29}{280}$	$\frac{251}{2240}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{64}\ \Phi_{35}\ \Phi_{32}\ \Phi_{16}\ \Phi_{5}\ \Phi_{1}$
164155	1989	1260	$\frac{1}{10}$	$\frac{31}{252}$	$\frac{5}{36}$	$\frac{1}{6}$	$\Phi_{1260}^{2}\ \Phi_{630}^{2}\ \Phi_{420}^{2}\ \Phi_{315}^{2}\ \Phi_{252}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{126}\ \Phi_{105}^{2}\ \Phi_{84}\ \Phi_{70}^{2}\ \Phi_{63}\ \Phi_{42}\ \Phi_{35}^{2}\ \Phi_{30}^{2}\ \Phi_{28}\ \Phi_{21}\ \Phi_{15}^{2}\ \Phi_{14}\ \Phi_{10}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
164156	1990	1986	$\frac{2}{993}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{991}{1986}$	$\Phi_{1986}^{2}\ \Phi_{662}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
164157	1990	3176	$\frac{1}{397}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{198}{397}$	$\Phi_{3176}\ \Phi_{397}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
164158	1990	3984	$\frac{1}{332}$	$\frac{333}{1328}$	$\frac{1}{3}$	$\frac{331}{664}$	$\Phi_{3984}\ \Phi_{996}\ \Phi_{498}\ \Phi_{249}\ \Phi_{48}\ \Phi_{12}\ \Phi_{6}$
164159	1990	5952	$\frac{3}{992}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{989}{1984}$	$\Phi_{5952}\ \Phi_{192}\ \Phi_{12}\ \Phi_{6}$
164160	1990	1768	$\frac{1}{221}$	$\frac{111}{884}$	$\frac{773}{1768}$	$\frac{110}{221}$	$\Phi_{1768}^{2}\ \Phi_{221}\ \Phi_{136}^{2}\ \Phi_{104}^{2}\ \Phi_{17}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
164161	1990	1326	$\frac{1}{221}$	$\frac{331}{1326}$	$\frac{111}{442}$	$\frac{110}{221}$	$\Phi_{1326}^{2}\ \Phi_{663}^{2}\ \Phi_{221}\ \Phi_{102}^{2}\ \Phi_{78}^{2}\ \Phi_{51}^{2}\ \Phi_{39}^{2}\ \Phi_{17}\ \Phi_{13}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
164162	1990	396	$\frac{1}{198}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{197}{396}$	$\Phi_{396}^{10}\ \Phi_{132}^{10}\ \Phi_{44}^{10}\ \Phi_{36}^{10}\ \Phi_{12}^{10}\ \Phi_{9}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{1}^{2}$
164163	1990	396	$\frac{1}{198}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{197}{396}$	$\Phi_{396}^{10}\ \Phi_{132}^{10}\ \Phi_{44}^{10}\ \Phi_{36}^{10}\ \Phi_{12}^{10}\ \Phi_{6}^{2}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
164164	1990	1836	$\frac{1}{153}$	$\frac{77}{918}$	$\frac{841}{1836}$	$\frac{76}{153}$	$\Phi_{1836}^{2}\ \Phi_{612}^{2}\ \Phi_{204}^{2}\ \Phi_{153}\ \Phi_{108}^{2}\ \Phi_{68}^{2}\ \Phi_{51}\ \Phi_{36}^{2}\ \Phi_{17}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
164165	1990	1377	$\frac{1}{153}$	$\frac{77}{459}$	$\frac{382}{1377}$	$\frac{76}{153}$	$\Phi_{1377}^{2}\ \Phi_{153}\ \Phi_{81}^{2}\ \Phi_{51}\ \Phi_{17}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
164166	1990	1224	$\frac{1}{153}$	$\frac{229}{1224}$	$\frac{77}{306}$	$\frac{76}{153}$	$\Phi_{1224}^{2}\ \Phi_{612}^{2}\ \Phi_{408}^{2}\ \Phi_{204}^{2}\ \Phi_{153}\ \Phi_{136}^{2}\ \Phi_{72}^{2}\ \Phi_{68}^{2}\ \Phi_{51}\ \Phi_{36}^{2}\ \Phi_{24}^{2}\ \Phi_{17}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{8}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
164167	1990	1976	$\frac{7}{988}$	$\frac{1}{13}$	$\frac{6}{13}$	$\frac{981}{1976}$	$\Phi_{1976}^{2}\ \Phi_{152}^{2}\ \Phi_{104}^{2}\ \Phi_{13}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
164168	1990	798	$\frac{1}{133}$	$\frac{1}{6}$	$\frac{67}{266}$	$\frac{66}{133}$	$\Phi_{798}^{3}\ \Phi_{399}^{3}\ \Phi_{266}\ \Phi_{133}^{2}\ \Phi_{114}^{3}\ \Phi_{57}^{3}\ \Phi_{42}^{3}\ \Phi_{38}\ \Phi_{21}^{3}\ \Phi_{19}^{2}\ \Phi_{14}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$
164169	1990	1872	$\frac{1}{117}$	$\frac{59}{936}$	$\frac{877}{1872}$	$\frac{58}{117}$	$\Phi_{1872}^{2}\ \Phi_{624}^{2}\ \Phi_{208}^{2}\ \Phi_{144}^{2}\ \Phi_{117}\ \Phi_{48}^{2}\ \Phi_{39}\ \Phi_{16}^{2}\ \Phi_{13}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
164170	1990	1404	$\frac{1}{117}$	$\frac{59}{468}$	$\frac{409}{1404}$	$\frac{58}{117}$	$\Phi_{1404}^{2}\ \Phi_{702}^{2}\ \Phi_{351}^{2}\ \Phi_{117}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{39}\ \Phi_{27}^{2}\ \Phi_{13}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
164171	1990	234	$\frac{1}{117}$	$\frac{35}{234}$	$\frac{59}{234}$	$\frac{58}{117}$	$\Phi_{234}^{8}\ \Phi_{117}^{9}\ \Phi_{78}^{8}\ \Phi_{39}^{9}\ \Phi_{26}^{8}\ \Phi_{18}^{8}\ \Phi_{13}^{9}\ \Phi_{9}^{9}\ \Phi_{6}^{8}\ \Phi_{3}^{9}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
164172	1990	1972	$\frac{9}{986}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{977}{1972}$	$\Phi_{1972}^{2}\ \Phi_{116}^{2}\ \Phi_{68}^{2}\ \Phi_{17}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
164173	1990	1971	$\frac{19}{1971}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{976}{1971}$	$\Phi_{1971}\ \Phi_{657}\ \Phi_{219}\ \Phi_{73}\ \Phi_{27}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
164174	1990	1968	$\frac{11}{984}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{973}{1968}$	$\Phi_{1968}^{2}\ \Phi_{656}^{2}\ \Phi_{48}^{2}\ \Phi_{16}^{2}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
164175	1990	1332	$\frac{4}{333}$	$\frac{1}{9}$	$\frac{337}{1332}$	$\frac{329}{666}$	$\Phi_{1332}^{2}\ \Phi_{444}^{2}\ \Phi_{333}^{2}\ \Phi_{148}^{2}\ \Phi_{111}^{2}\ \Phi_{37}^{2}\ \Phi_{36}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
164176	1990	4312	$\frac{3}{196}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{193}{392}$	$\Phi_{4312}\ \Phi_{616}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
164177	1990	1176	$\frac{3}{196}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{193}{392}$	$\Phi_{1176}^{4}\ \Phi_{392}^{2}\ \Phi_{168}^{4}\ \Phi_{56}^{2}\ \Phi_{42}\ \Phi_{24}^{4}\ \Phi_{21}\ \Phi_{14}\ \Phi_{8}^{2}$
164178	1990	228	$\frac{1}{57}$	$\frac{29}{228}$	$\frac{1}{6}$	$\frac{28}{57}$	$\Phi_{228}^{10}\ \Phi_{114}^{7}\ \Phi_{76}^{10}\ \Phi_{57}^{8}\ \Phi_{38}^{7}\ \Phi_{19}^{8}\ \Phi_{12}^{10}\ \Phi_{6}^{6}\ \Phi_{4}^{10}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
164179	1990	391	$\frac{7}{391}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{192}{391}$	$\Phi_{391}^{5}\ \Phi_{23}^{5}\ \Phi_{17}^{7}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164180	1990	1938	$\frac{1}{51}$	$\frac{26}{969}$	$\frac{943}{1938}$	$\frac{25}{51}$	$\Phi_{1938}^2\ \Phi_{646}^2\ \Phi_{114}^2\ \Phi_{102}^2\ \Phi_{51}\ \Phi_{38}^2\ \Phi_{34}^2\ \Phi_{17}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
164181	1990	390	$\frac{4}{195}$	$\frac{1}{39}$	$\frac{19}{39}$	$\frac{191}{390}$	$\Phi_{390}^{10}\ \Phi_{130}^{10}\ \Phi_{78}^{10}\ \Phi_{39}\ \Phi_{30}^{10}\ \Phi_{26}^{10}\ \Phi_{13}\ \Phi_{10}^{10}\ \Phi_6^{10}\ \Phi_3\ \Phi_2^{10}\ \Phi_1^2$
164182	1990	390	$\frac{4}{195}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{191}{390}$	$\Phi_{390}^{10}\ \Phi_{130}^{10}\ \Phi_{78}^{10}\ \Phi_{30}^{10}\ \Phi_{26}^{10}\ \Phi_{13}^3\ \Phi_{10}^{10}\ \Phi_6^{10}\ \Phi_2^{10}\ \Phi_1^4$
164183	1990	4290	$\frac{4}{195}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{191}{390}$	$\Phi_{4290}\ \Phi_{1430}\ \Phi_{858}\ \Phi_{330}\ \Phi_{286}\ \Phi_{110}\ \Phi_{66}\ \Phi_{55}\ \Phi_{22}$
164184	1990	1944	$\frac{23}{972}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{949}{1944}$	$\Phi_{1944}^2\ \Phi_{648}^2\ \Phi_{216}^2\ \Phi_{72}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
164185	1990	2640	$\frac{1}{40}$	$\frac{1}{11}$	$\frac{41}{240}$	$\frac{39}{80}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{660}\ \Phi_{528}\ \Phi_{440}\ \Phi_{330}\ \Phi_{264}\ \Phi_{220}\ \Phi_{165}\ \Phi_{132}$ $\Phi_{110}\ \Phi_{88}\ \Phi_{66}\ \Phi_{55}\ \Phi_{44}\ \Phi_{33}\ \Phi_{22}$
164186	1990	234	$\frac{1}{39}$	$\frac{4}{39}$	$\frac{35}{234}$	$\frac{19}{39}$	$\Phi_{234}^{10}\ \Phi_{117}^{10}\ \Phi_{78}^{10}\ \Phi_{39}\ \Phi_{26}^{10}\ \Phi_{18}^{10}\ \Phi_{13}\ \Phi_9^{10}\ \Phi_6^{10}\ \Phi_3\ \Phi_2^{10}\ \Phi_1^2$
164187	1990	4224	$\frac{7}{192}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{185}{384}$	$\Phi_{4224}\ \Phi_{1408}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
164188	1990	221	$\frac{9}{221}$	$\frac{22}{221}$	$\frac{23}{221}$	$\frac{106}{221}$	$\Phi_{221}^9\ \Phi_{17}^9\ \Phi_{13}^9\ \Phi_1^{10}$
164189	1990	1911	$\frac{79}{1911}$	$\frac{1}{13}$	$\frac{12}{91}$	$\frac{916}{1911}$	$\Phi_{1911}\ \Phi_{637}\ \Phi_{273}\ \Phi_{147}\ \Phi_{91}^2\ \Phi_{49}\ \Phi_{39}\ \Phi_{21}\ \Phi_{13}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
164190	1990	1144	$\frac{6}{143}$	$\frac{1}{13}$	$\frac{149}{1144}$	$\frac{137}{286}$	$\Phi_{1144}^2\ \Phi_{572}^2\ \Phi_{143}^2\ \Phi_{104}^2\ \Phi_{88}^2\ \Phi_{52}^2\ \Phi_{44}^2\ \Phi_{13}\ \Phi_{11}^2\ \Phi_8^2\ \Phi_4^2\ \Phi_1^2$
164191	1990	1140	$\frac{9}{190}$	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{181}{380}$	$\Phi_{1140}^4\ \Phi_{380}^2\ \Phi_{228}^4\ \Phi_{114}\ \Phi_{76}^2\ \Phi_{60}^4\ \Phi_{57}\ \Phi_{38}\ \Phi_{20}^2\ \Phi_{12}^4\ \Phi_4^2$
164192	1990	4180	$\frac{9}{190}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{181}{380}$	$\Phi_{4180}\ \Phi_{836}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
164193	1990	210	$\frac{1}{21}$	$\frac{11}{210}$	$\frac{1}{6}$	$\frac{10}{21}$	$\Phi_{210}^{10}\ \Phi_{105}^{10}\ \Phi_{70}^{10}\ \Phi_{42}^7\ \Phi_{35}^{10}\ \Phi_{30}^{10}\ \Phi_{21}^8\ \Phi_{15}^{10}\ \Phi_{14}^7\ \Phi_{10}^{10}\ \Phi_7^8\ \Phi_6^6\ \Phi_5^{10}$ $\Phi_3^7\ \Phi_2^6\ \Phi_1^8$
164194	1990	1254	$\frac{10}{209}$	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{1254}^2\ \Phi_{627}^2\ \Phi_{418}^2\ \Phi_{114}\ \Phi_{66}^2\ \Phi_{57}\ \Phi_{38}\ \Phi_{33}^2\ \Phi_{22}^2$
164195	1990	378	$\frac{1}{21}$	$\frac{10}{189}$	$\frac{1}{6}$	$\frac{179}{378}$	$\Phi_{378}^4\ \Phi_{189}^6\ \Phi_{126}^4\ \Phi_{63}^6\ \Phi_{54}^4\ \Phi_{42}^7\ \Phi_{27}^6\ \Phi_{21}^8\ \Phi_{18}^4\ \Phi_{14}^7\ \Phi_9^6\ \Phi_7^8$ $\Phi_6^6\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
164196	1990	1479	$\frac{9}{493}$	$\frac{1}{17}$	$\frac{484}{1479}$	$\frac{8}{17}$	$\Phi_{1479}^2\ \Phi_{87}^2\ \Phi_{51}^2\ \Phi_{17}\ \Phi_3^2\ \Phi_1^2$
164197	1990	204	$\frac{5}{204}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{204}^{10}\ \Phi_{102}^{10}\ \Phi_{68}^{10}\ \Phi_{51}^{10}\ \Phi_{34}^8\ \Phi_{17}^9\ \Phi_{12}^{10}\ \Phi_6^{10}\ \Phi_4^{10}\ \Phi_3^{10}\ \Phi_2^8\ \Phi_1^{10}$
164198	1990	1872	$\frac{1}{39}$	$\frac{59}{936}$	$\frac{19}{78}$	$\frac{877}{1872}$	$\Phi_{1872}^2\ \Phi_{624}^2\ \Phi_{208}^2\ \Phi_{144}^2\ \Phi_{78}^2\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{26}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_6^2\ \Phi_3$ $\Phi_2^2\ \Phi_1^2$
164199	1990	1092	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{97}{1092}$	$\frac{85}{182}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{273}^2\ \Phi_{156}^2\ \Phi_{91}^2\ \Phi_{84}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{42}^2\ \Phi_{39}^2$ $\Phi_{28}^2\ \Phi_{21}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3^2\ \Phi_1^2$
164200	1990	1859	$\frac{131}{1859}$	$\frac{1}{13}$	$\frac{12}{143}$	$\frac{864}{1859}$	$\Phi_{1859}\ \Phi_{169}\ \Phi_{143}^2\ \Phi_{13}\ \Phi_{11}^2\ \Phi_1^2$
164201	1990	1482	$\frac{7}{494}$	$\frac{1}{13}$	$\frac{487}{1482}$	$\frac{6}{13}$	$\Phi_{1482}^2\ \Phi_{741}^2\ \Phi_{114}^2\ \Phi_{78}^2\ \Phi_{57}^2\ \Phi_{39}^2\ \Phi_{13}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
164202	1990	1014	$\frac{19}{1014}$	$\frac{1}{13}$	$\frac{7}{26}$	$\frac{6}{13}$	$\Phi_{1014}^2\ \Phi_{507}^2\ \Phi_{338}^2\ \Phi_{169}^2\ \Phi_{78}^2\ \Phi_{39}^2\ \Phi_{13}\ \Phi_6^2\ \Phi_3^2\ \Phi_1^2$
164203	1990	247	$\frac{7}{247}$	$\frac{1}{13}$	$\frac{48}{247}$	$\frac{6}{13}$	$\Phi_{247}^8\ \Phi_{19}^8\ \Phi_{13}^9\ \Phi_1^{10}$
164204	1990	208	$\frac{9}{208}$	$\frac{1}{13}$	$\frac{7}{52}$	$\frac{6}{13}$	$\Phi_{208}^{10}\ \Phi_{104}^{10}\ \Phi_{52}^8\ \Phi_{26}^8\ \Phi_{16}^{10}\ \Phi_{13}^9\ \Phi_8^{10}\ \Phi_4^8\ \Phi_2^8\ \Phi_1^{10}$
164205	1990	1008	$\frac{13}{1008}$	$\frac{1}{12}$	$\frac{1}{3}$	$\frac{11}{24}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2$ $\Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2$ $\Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
164206	1990	1836	$\frac{1}{51}$	$\frac{77}{918}$	$\frac{25}{102}$	$\frac{841}{1836}$	$\Phi_{1836}^2\ \Phi_{612}^2\ \Phi_{204}^2\ \Phi_{108}^2\ \Phi_{102}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{36}^2\ \Phi_{34}^2\ \Phi_{17}\ \Phi_{12}^2$ $\Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
164207	1990	5478	$\frac{1}{83}$	$\frac{82}{913}$	$\frac{1}{3}$	$\frac{831}{1826}$	$\Phi_{5478}\ \Phi_{498}\ \Phi_{249}\ \Phi_{66}\ \Phi_6$
164208	1990	364	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{17}{182}$	$\frac{165}{364}$	$\Phi_{364}^{10}\ \Phi_{91}^2\ \Phi_{52}^{10}\ \Phi_{28}^{10}\ \Phi_{13}\ \Phi_7^2\ \Phi_4^{10}\ \Phi_1^2$
164209	1990	3960	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{19}{180}$	$\frac{161}{360}$	$\Phi_{3960}\ \Phi_{1320}\ \Phi_{792}\ \Phi_{440}\ \Phi_{264}\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
164210	1990	603	$\frac{2}{201}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{603}^3\ \Phi_{201}^4\ \Phi_{67}^4\ \Phi_9\ \Phi_3\ \Phi_1^2$
164211	1990	297	$\frac{1}{99}$	$\frac{1}{9}$	$\frac{98}{297}$	$\frac{4}{9}$	$\Phi_{297}^{10}\ \Phi_{27}^{10}\ \Phi_9\ \Phi_3\ \Phi_1^2$
164212	1990	1008	$\frac{13}{1008}$	$\frac{1}{9}$	$\frac{5}{18}$	$\frac{4}{9}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2$ $\Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9\ \Phi_8^2\ \Phi_7^2$ $\Phi_4^2\ \Phi_3\ \Phi_1^2$
164213	1990	792	$\frac{1}{66}$	$\frac{1}{9}$	$\frac{65}{264}$	$\frac{4}{9}$	$\Phi_{792}^3\ \Phi_{396}^3\ \Phi_{264}^4\ \Phi_{132}^4\ \Phi_{88}^4\ \Phi_{72}^3\ \Phi_{44}^4\ \Phi_{36}^3\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_9\ \Phi_8^4$ $\Phi_4^4\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164214	1990	612	$\frac{5}{204}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{612}^{3}\ \Phi_{306}^{3}\ \Phi_{204}^{4}\ \Phi_{153}^{3}\ \Phi_{102}^{4}\ \Phi_{68}^{4}\ \Phi_{51}^{4}\ \Phi_{36}^{3}\ \Phi_{34}^{4}\ \Phi_{17}^{4}\ \Phi_{12}^{4}\ \Phi_{9}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
164215	1990	1188	$\frac{5}{198}$	$\frac{1}{9}$	$\frac{193}{1188}$	$\frac{4}{9}$	$\Phi_{1188}^{2}\ \Phi_{594}^{2}\ \Phi_{396}^{2}\ \Phi_{297}^{2}\ \Phi_{132}^{2}\ \Phi_{108}^{2}\ \Phi_{54}^{2}\ \Phi_{44}^{2}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
164216	1990	693	$\frac{1}{33}$	$\frac{1}{9}$	$\frac{32}{231}$	$\frac{4}{9}$	$\Phi_{693}^{3}\ \Phi_{231}^{4}\ \Phi_{77}^{4}\ \Phi_{63}^{3}\ \Phi_{21}^{4}\ \Phi_{9}\ \Phi_{7}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
164217	1990	207	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{207}^{10}\ \Phi_{69}^{10}\ \Phi_{23}^{10}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
164218	1990	1980	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1980}\ \Phi_{990}\ \Phi_{660}\ \Phi_{495}\ \Phi_{396}\ \Phi_{330}\ \Phi_{220}^{2}\ \Phi_{180}\ \Phi_{165}\ \Phi_{132}\ \Phi_{110}^{2}\ \Phi_{90}\ \Phi_{60}\ \Phi_{55}^{2}\ \Phi_{45}\ \Phi_{44}^{2}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}^{2}\ \Phi_{9}\ \Phi_{5}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
164219	1990	1881	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{209}^{2}\ \Phi_{171}\ \Phi_{57}\ \Phi_{19}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
164220	1990	1089	$\frac{5}{99}$	$\frac{94}{1089}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1089}^{2}\ \Phi_{363}^{2}\ \Phi_{121}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
164221	1990	216	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{216}^{10}\ \Phi_{108}^{10}\ \Phi_{72}^{10}\ \Phi_{54}^{10}\ \Phi_{36}^{10}\ \Phi_{27}^{10}\ \Phi_{24}^{10}\ \Phi_{12}^{10}\ \Phi_{9}\ \Phi_{8}^{10}\ \Phi_{4}^{10}\ \Phi_{3}\ \Phi_{1}^{2}$
164222	1990	357	$\frac{1}{51}$	$\frac{41}{357}$	$\frac{10}{51}$	$\frac{158}{357}$	$\Phi_{357}^{5}\ \Phi_{119}^{5}\ \Phi_{51}^{9}\ \Phi_{21}^{5}\ \Phi_{17}^{9}\ \Phi_{7}^{5}\ \Phi_{3}^{9}\ \Phi_{1}^{10}$
164223	1990	1224	$\frac{1}{51}$	$\frac{25}{204}$	$\frac{229}{1224}$	$\frac{179}{408}$	$\Phi_{1224}^{2}\ \Phi_{612}^{2}\ \Phi_{306}^{2}\ \Phi_{204}^{2}\ \Phi_{153}^{2}\ \Phi_{102}^{2}\ \Phi_{72}^{2}\ \Phi_{68}^{2}\ \Phi_{51}\ \Phi_{36}^{2}\ \Phi_{34}^{2}\ \Phi_{18}^{2}\ \Phi_{17}\ \Phi_{12}^{2}\ \Phi_{9}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
164224	1990	2288	$\frac{9}{208}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{2288}\ \Phi_{1144}\ \Phi_{572}\ \Phi_{286}\ \Phi_{143}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
164225	1990	351	$\frac{1}{117}$	$\frac{47}{351}$	$\frac{116}{351}$	$\frac{152}{351}$	$\Phi_{351}^{6}\ \Phi_{117}^{5}\ \Phi_{39}^{5}\ \Phi_{27}^{6}\ \Phi_{13}^{5}\ \Phi_{9}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
164226	1990	351	$\frac{2}{117}$	$\frac{47}{351}$	$\frac{23}{117}$	$\frac{152}{351}$	$\Phi_{351}^{5}\ \Phi_{117}^{7}\ \Phi_{39}^{7}\ \Phi_{27}^{5}\ \Phi_{13}^{7}\ \Phi_{9}^{7}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
164227	1990	3850	$\frac{1}{25}$	$\frac{1}{11}$	$\frac{24}{175}$	$\frac{151}{350}$	$\Phi_{3850}\ \Phi_{770}\ \Phi_{550}\ \Phi_{275}\ \Phi_{154}\ \Phi_{110}\ \Phi_{55}\ \Phi_{22}$
164228	1990	1743	$\frac{2}{249}$	$\frac{247}{1743}$	$\frac{1}{3}$	$\frac{748}{1743}$	$\Phi_{1743}\ \Phi_{581}\ \Phi_{249}^{2}\ \Phi_{83}^{2}\ \Phi_{21}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^{2}$
164229	1990	1218	$\frac{4}{203}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{1218}^{2}\ \Phi_{609}^{2}\ \Phi_{406}^{2}\ \Phi_{174}^{2}\ \Phi_{87}^{2}\ \Phi_{58}^{2}\ \Phi_{42}\ \Phi_{21}\ \Phi_{14}$
164230	1990	1026	$\frac{31}{1026}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{54}$	$\Phi_{1026}^{2}\ \Phi_{513}^{2}\ \Phi_{342}^{2}\ \Phi_{171}^{2}\ \Phi_{114}^{2}\ \Phi_{57}^{2}\ \Phi_{38}^{2}\ \Phi_{27}^{2}\ \Phi_{19}^{2}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
164231	1990	1716	$\frac{6}{143}$	$\frac{1}{13}$	$\frac{137}{858}$	$\frac{721}{1716}$	$\Phi_{1716}^{2}\ \Phi_{572}^{2}\ \Phi_{156}^{2}\ \Phi_{143}^{2}\ \Phi_{132}^{2}\ \Phi_{52}^{2}\ \Phi_{44}^{2}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{11}^{2}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
164232	1990	342	$\frac{1}{57}$	$\frac{28}{171}$	$\frac{1}{6}$	$\frac{143}{342}$	$\Phi_{342}^{4}\ \Phi_{171}^{6}\ \Phi_{114}^{7}\ \Phi_{57}^{8}\ \Phi_{38}^{7}\ \Phi_{19}^{8}\ \Phi_{18}^{4}\ \Phi_{9}^{6}\ \Phi_{6}^{6}\ \Phi_{3}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{8}$
164233	1990	1404	$\frac{1}{117}$	$\frac{58}{351}$	$\frac{409}{1404}$	$\frac{293}{702}$	$\Phi_{1404}^{2}\ \Phi_{468}^{2}\ \Phi_{351}^{2}\ \Phi_{156}^{2}\ \Phi_{117}\ \Phi_{108}^{2}\ \Phi_{52}^{2}\ \Phi_{39}\ \Phi_{36}^{2}\ \Phi_{27}^{2}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
164234	1990	204	$\frac{5}{204}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{204}^{10}\ \Phi_{102}^{10}\ \Phi_{68}^{10}\ \Phi_{51}^{10}\ \Phi_{34}^{10}\ \Phi_{17}^{7}\ \Phi_{12}^{10}\ \Phi_{6}^{10}\ \Phi_{4}^{10}\ \Phi_{3}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{8}$
164235	1990	221	$\frac{6}{221}$	$\frac{22}{221}$	$\frac{43}{221}$	$\frac{89}{221}$	$\Phi_{221}^{9}\ \Phi_{17}^{9}\ \Phi_{13}^{9}\ \Phi_{1}^{10}$
164236	1990	333	$\frac{8}{333}$	$\frac{1}{9}$	$\frac{65}{333}$	$\frac{134}{333}$	$\Phi_{333}^{6}\ \Phi_{111}^{6}\ \Phi_{37}^{6}\ \Phi_{9}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{6}$
164237	1990	234	$\frac{2}{117}$	$\frac{35}{234}$	$\frac{23}{117}$	$\frac{47}{117}$	$\Phi_{234}^{10}\ \Phi_{117}^{7}\ \Phi_{78}^{10}\ \Phi_{39}^{7}\ \Phi_{26}^{10}\ \Phi_{18}^{10}\ \Phi_{13}^{7}\ \Phi_{9}^{7}\ \Phi_{6}^{10}\ \Phi_{3}^{7}\ \Phi_{2}^{10}\ \Phi_{1}^{8}$
164238	1990	996	$\frac{1}{166}$	$\frac{33}{166}$	$\frac{1}{3}$	$\frac{133}{332}$	$\Phi_{996}^{5}\ \Phi_{498}\ \Phi_{249}\ \Phi_{12}^{5}\ \Phi_{6}$
164239	1990	1632	$\frac{1}{51}$	$\frac{25}{204}$	$\frac{179}{816}$	$\frac{637}{1632}$	$\Phi_{1632}^{2}\ \Phi_{544}^{2}\ \Phi_{204}^{2}\ \Phi_{102}^{2}\ \Phi_{96}^{2}\ \Phi_{68}^{2}\ \Phi_{51}\ \Phi_{34}^{2}\ \Phi_{32}^{2}\ \Phi_{17}\ \Phi_{12}^{2}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
164240	1990	1092	$\frac{1}{39}$	$\frac{97}{1092}$	$\frac{19}{78}$	$\frac{59}{156}$	$\Phi_{1092}^{2}\ \Phi_{546}^{2}\ \Phi_{364}^{2}\ \Phi_{273}^{2}\ \Phi_{182}^{2}\ \Phi_{91}^{2}\ \Phi_{84}^{2}\ \Phi_{78}^{2}\ \Phi_{42}^{2}\ \Phi_{39}\ \Phi_{28}^{2}\ \Phi_{26}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{13}\ \Phi_{7}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
164241	1990	3520	$\frac{1}{40}$	$\frac{1}{11}$	$\frac{39}{160}$	$\frac{121}{320}$	$\Phi_{3520}\ \Phi_{704}\ \Phi_{440}\ \Phi_{220}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
164242	1990	600	$\frac{1}{200}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{600}^{5}\ \Phi_{300}^{5}\ \Phi_{150}^{5}\ \Phi_{120}^{5}\ \Phi_{75}^{5}\ \Phi_{60}^{5}\ \Phi_{30}^{5}\ \Phi_{24}^{4}\ \Phi_{15}^{5}\ \Phi_{12}^{5}\ \Phi_{6}^{5}\ \Phi_{3}^{4}$
164243	1990	306	$\frac{1}{51}$	$\frac{5}{51}$	$\frac{46}{153}$	$\frac{107}{306}$	$\Phi_{306}^{10}\ \Phi_{102}^{10}\ \Phi_{51}^{9}\ \Phi_{34}^{10}\ \Phi_{18}^{10}\ \Phi_{17}^{9}\ \Phi_{6}^{10}\ \Phi_{3}^{9}\ \Phi_{2}^{10}\ \Phi_{1}^{10}$
164244	1990	1521	$\frac{1}{39}$	$\frac{38}{507}$	$\frac{469}{1521}$	$\frac{526}{1521}$	$\Phi_{1521}\ \Phi_{507}^{2}\ \Phi_{169}^{2}\ \Phi_{117}\ \Phi_{39}\ \Phi_{13}\ \Phi_{9}\ \Phi_{3}\ \Phi_{1}^{2}$
164245	1990	3300	$\frac{1}{50}$	$\frac{1}{11}$	$\frac{49}{150}$	$\frac{101}{300}$	$\Phi_{3300}\ \Phi_{1100}\ \Phi_{660}\ \Phi_{550}\ \Phi_{275}\ \Phi_{220}\ \Phi_{132}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
164246	1990	1494	$\frac{1}{249}$	$\frac{248}{747}$	$\frac{1}{3}$	$\frac{499}{1494}$	$\Phi_{1494}^{2}\ \Phi_{498}^{2}\ \Phi_{249}^{2}\ \Phi_{166}^{2}\ \Phi_{83}^{2}\ \Phi_{18}^{2}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
164247	1990	402	$\frac{2}{201}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{402}^{6}\ \Phi_{201}^{4}\ \Phi_{134}^{6}\ \Phi_{67}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164248	1990	1488	$\frac{3}{496}$	$\frac{1}{4}$	$\frac{493}{1488}$	$\frac{1}{3}$	$\Phi_{1488}\ \Phi_{744}\ \Phi_{496}^2\ \Phi_{372}\ \Phi_{248}^2\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{48}\ \Phi_{31}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
164249	1990	594	$\frac{1}{99}$	$\frac{1}{6}$	$\frac{98}{297}$	$\frac{1}{3}$	$\Phi_{594}^6\ \Phi_{297}^4\ \Phi_{54}^6\ \Phi_{27}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
164250	1990	1476	$\frac{11}{492}$	$\frac{1}{12}$	$\frac{481}{1476}$	$\frac{1}{3}$	$\Phi_{1476}^2\ \Phi_{738}^2\ \Phi_{369}^2\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
164251	1990	1008	$\frac{13}{1008}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}^2\ \Phi_{21}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
164252	1990	744	$\frac{3}{248}$	$\frac{49}{248}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{744}^4\ \Phi_{372}^4\ \Phi_{186}^4\ \Phi_{93}^4\ \Phi_{24}^4\ \Phi_{12}^5\ \Phi_6^5\ \Phi_3^4$
164253	1990	1008	$\frac{13}{1008}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^2\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{84}^2\ \Phi_{72}^2\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{28}^2\ \Phi_{24}\ \Phi_{21}^2\ \Phi_{18}^2\ \Phi_{16}^2\ \Phi_{14}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_8^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
164254	1990	1116	$\frac{3}{124}$	$\frac{121}{1116}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1116}^2\ \Phi_{558}^2\ \Phi_{372}\ \Phi_{279}^2\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{93}\ \Phi_{62}^2\ \Phi_{36}^2\ \Phi_{31}^2\ \Phi_{18}^2\ \Phi_{12}^2\ \Phi_9^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
164255	1990	3072	$\frac{29}{1024}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3072}\ \Phi_{1536}\ \Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{12}\ \Phi_6$
164256	1990	264	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{65}{264}$	$\frac{1}{3}$	$\Phi_{264}^{10}\ \Phi_{132}^{10}\ \Phi_{88}^{10}\ \Phi_{44}^{10}\ \Phi_{24}^{10}\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
164257	1990	810	$\frac{7}{405}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{810}^3\ \Phi_{405}^2\ \Phi_{270}^3\ \Phi_{162}^3\ \Phi_{135}^2\ \Phi_{90}^3\ \Phi_{81}^2\ \Phi_{54}^3\ \Phi_{45}^2\ \Phi_{30}^3\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
164258	1990	249	$\frac{4}{249}$	$\frac{49}{249}$	$\frac{50}{249}$	$\frac{1}{3}$	$\Phi_{249}^8\ \Phi_{83}^8\ \Phi_3^7\ \Phi_1^8$
164259	1990	990	$\frac{2}{99}$	$\frac{1}{6}$	$\frac{97}{495}$	$\frac{1}{3}$	$\Phi_{990}^3\ \Phi_{495}^2\ \Phi_{330}^3\ \Phi_{165}^2\ \Phi_{110}^3\ \Phi_{90}^3\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{30}^3\ \Phi_{15}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_5^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
164260	1990	204	$\frac{5}{204}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{204}^{10}\ \Phi_{102}^{10}\ \Phi_{68}^{10}\ \Phi_{51}^{10}\ \Phi_{34}^{10}\ \Phi_{17}^{10}\ \Phi_{12}^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
164261	1990	1188	$\frac{5}{198}$	$\frac{193}{1188}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{396}^2\ \Phi_{297}^2\ \Phi_{132}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{44}^2\ \Phi_{36}^2\ \Phi_{27}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
164262	1990	462	$\frac{1}{33}$	$\frac{32}{231}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{462}^6\ \Phi_{231}^4\ \Phi_{154}^6\ \Phi_{77}^4\ \Phi_{42}^6\ \Phi_{21}^4\ \Phi_{14}^6\ \Phi_7^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
164263	1990	414	$\frac{8}{207}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{414}^6\ \Phi_{207}^4\ \Phi_{138}^6\ \Phi_{69}^4\ \Phi_{46}^6\ \Phi_{23}^4\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
164264	1990	660	$\frac{1}{22}$	$\frac{21}{220}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{660}^3\ \Phi_{330}^3\ \Phi_{220}^4\ \Phi_{165}^3\ \Phi_{132}^3\ \Phi_{110}^4\ \Phi_{60}^3\ \Phi_{55}^4\ \Phi_{44}^4\ \Phi_{30}^3\ \Phi_{20}^4\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{10}^4\ \Phi_6^2\ \Phi_5^4\ \Phi_4^4\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
164265	1990	1254	$\frac{10}{209}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1254}^2\ \Phi_{627}\ \Phi_{418}^2\ \Phi_{209}^2\ \Phi_{114}^2\ \Phi_{57}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
164266	1990	216	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{216}^{10}\ \Phi_{108}^{10}\ \Phi_{72}^{10}\ \Phi_{54}^{10}\ \Phi_{36}^{10}\ \Phi_{27}^{10}\ \Phi_{24}^{10}\ \Phi_{12}^{10}\ \Phi_8^{10}\ \Phi_6^2\ \Phi_4^{10}\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
164267	1990	1056	$\frac{61}{1056}$	$\frac{5}{66}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1056}^2\ \Phi_{528}^2\ \Phi_{352}^2\ \Phi_{264}^2\ \Phi_{176}^2\ \Phi_{132}^2\ \Phi_{96}^2\ \Phi_{88}^2\ \Phi_{48}^2\ \Phi_{44}^2\ \Phi_{32}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
164268	1990	858	$\frac{2}{33}$	$\frac{31}{429}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{858}^3\ \Phi_{429}^2\ \Phi_{286}^3\ \Phi_{143}^2\ \Phi_{78}^3\ \Phi_{39}^2\ \Phi_{26}^3\ \Phi_{13}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
164269	1990	1026	$\frac{1}{57}$	$\frac{1}{6}$	$\frac{115}{513}$	$\frac{56}{171}$	$\Phi_{1026}^3\ \Phi_{513}^2\ \Phi_{114}^3\ \Phi_{57}^2\ \Phi_{54}^3\ \Phi_{38}^3\ \Phi_{27}^2\ \Phi_{19}^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
164270	1990	294	$\frac{3}{98}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{95}{294}$	$\Phi_{294}^6\ \Phi_{147}^6\ \Phi_{98}^8\ \Phi_{49}^8\ \Phi_{42}^7\ \Phi_{21}^7\ \Phi_{14}^9\ \Phi_7^8\ \Phi_6^6\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
164271	1990	1287	$\frac{6}{143}$	$\frac{1}{13}$	$\frac{292}{1287}$	$\frac{137}{429}$	$\Phi_{1287}^2\ \Phi_{143}^2\ \Phi_{117}^2\ \Phi_{99}^2\ \Phi_{13}\ \Phi_{11}^2\ \Phi_9^2\ \Phi_1^2$
164272	1990	1458	$\frac{23}{486}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{463}{1458}$	$\Phi_{1458}^2\ \Phi_{729}^2\ \Phi_{27}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
164273	1990	882	$\frac{1}{21}$	$\frac{43}{441}$	$\frac{1}{6}$	$\frac{20}{63}$	$\Phi_{882}^3\ \Phi_{441}^2\ \Phi_{294}^3\ \Phi_{147}^2\ \Phi_{98}^3\ \Phi_{49}^2\ \Phi_{42}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
164274	1990	2640	$\frac{1}{20}$	$\frac{1}{11}$	$\frac{41}{240}$	$\frac{19}{60}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{880}\ \Phi_{528}\ \Phi_{440}\ \Phi_{264}\ \Phi_{220}\ \Phi_{176}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
164275	1990	3168	$\frac{7}{96}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{89}{288}$	$\Phi_{3168}\ \Phi_{1584}\ \Phi_{792}\ \Phi_{396}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
164276	1990	208	$\frac{9}{208}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{4}{13}$	$\Phi_{208}^{10}\ \Phi_{104}^{10}\ \Phi_{52}^{10}\ \Phi_{26}^{10}\ \Phi_{16}^{10}\ \Phi_{13}^3\ \Phi_8^{10}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^4$
164277	1990	570	$\frac{1}{19}$	$\frac{9}{95}$	$\frac{1}{6}$	$\frac{86}{285}$	$\Phi_{570}^4\ \Phi_{285}^2\ \Phi_{190}^4\ \Phi_{114}^5\ \Phi_{95}^4\ \Phi_{57}^3\ \Phi_{38}^5\ \Phi_{30}^4\ \Phi_{19}^4\ \Phi_{15}^2\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
164278	1990	1134	$\frac{1}{21}$	$\frac{20}{189}$	$\frac{1}{6}$	$\frac{169}{567}$	$\Phi_{1134}^3\ \Phi_{567}^2\ \Phi_{162}^3\ \Phi_{81}^2\ \Phi_{42}^3\ \Phi_{21}^2\ \Phi_{14}^3\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
164279	1990	2376	$\frac{17}{216}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{24}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{594}\ \Phi_{396}\ \Phi_{297}\ \Phi_{198}\ \Phi_{99}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164280	1990	1404	$\frac{1}{39}$	$\frac{59}{468}$	$\frac{19}{78}$	$\frac{409}{1404}$	$\Phi_{1404}^2\ \Phi_{702}^2\ \Phi_{351}^2\ \Phi_{108}^2\ \Phi_{78}^2\ \Phi_{54}^2\ \Phi_{39}\ \Phi_{27}^2\ \Phi_{26}^2\ \Phi_{13}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
164281	1990	1092	$\frac{1}{13}$	$\frac{97}{1092}$	$\frac{12}{91}$	$\frac{79}{273}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{156}^2\ \Phi_{91}^2\ \Phi_{84}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{42}^2\ \Phi_{39}\ \Phi_{28}^2\ \Phi_{26}^2\ \Phi_{21}\ \Phi_{14}^2\ \Phi_{13}\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
164282	1990	1053	$\frac{58}{1053}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{81}$	$\Phi_{1053}^2\ \Phi_{351}^2\ \Phi_{117}^2\ \Phi_{39}^2\ \Phi_{27}^2\ \Phi_{13}^2\ \Phi_9\ \Phi_3\ \Phi_1^2$
164283	1990	273	$\frac{6}{91}$	$\frac{1}{13}$	$\frac{17}{91}$	$\frac{74}{273}$	$\Phi_{273}^{10}\ \Phi_{91}^2\ \Phi_{39}^{10}\ \Phi_{21}^{10}\ \Phi_{13}\ \Phi_7^2\ \Phi_3^{10}\ \Phi_1^2$
164284	1990	2310	$\frac{11}{210}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2310}\ \Phi_{1155}\ \Phi_{770}\ \Phi_{462}\ \Phi_{385}\ \Phi_{330}\ \Phi_{231}\ \Phi_{154}\ \Phi_{110}\ \Phi_{77}\ \Phi_{66}\ \Phi_{55}\ \Phi_{22}$
164285	1990	234	$\frac{1}{39}$	$\frac{35}{234}$	$\frac{19}{78}$	$\frac{59}{234}$	$\Phi_{234}^8\ \Phi_{117}^8\ \Phi_{78}^{10}\ \Phi_{39}^9\ \Phi_{26}^{10}\ \Phi_{18}^8\ \Phi_{13}^9\ \Phi_9^8\ \Phi_6^{10}\ \Phi_3^9\ \Phi_2^{10}\ \Phi_1^{10}$
164286	1990	1224	$\frac{1}{51}$	$\frac{229}{1224}$	$\frac{25}{102}$	$\frac{77}{306}$	$\Phi_{1224}^2\ \Phi_{612}^2\ \Phi_{408}^2\ \Phi_{204}^2\ \Phi_{136}^2\ \Phi_{102}^2\ \Phi_{72}^2\ \Phi_{68}^2\ \Phi_{51}\ \Phi_{36}^2\ \Phi_{34}^2\ \Phi_{24}^2\ \Phi_{17}\ \Phi_{12}^2\ \Phi_8^2\ \Phi_6^2\ \Phi_4^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
164287	1990	2464	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{25}{224}$	$\frac{1}{4}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{616}\ \Phi_{352}\ \Phi_{176}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
164288	1990	1248	$\frac{1}{39}$	$\frac{59}{312}$	$\frac{253}{1248}$	$\frac{19}{78}$	$\Phi_{1248}^2\ \Phi_{624}^2\ \Phi_{416}^2\ \Phi_{208}^2\ \Phi_{96}^2\ \Phi_{78}^2\ \Phi_{48}^2\ \Phi_{39}\ \Phi_{32}^2\ \Phi_{26}^2\ \Phi_{16}^2\ \Phi_{13}\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
164289	1990	228	$\frac{1}{19}$	$\frac{29}{228}$	$\frac{1}{6}$	$\frac{9}{38}$	$\Phi_{228}^{10}\ \Phi_{114}^7\ \Phi_{76}^{10}\ \Phi_{57}^7\ \Phi_{38}^9\ \Phi_{19}^8\ \Phi_{12}^{10}\ \Phi_6^6\ \Phi_4^{10}\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
164290	1990	260	$\frac{4}{65}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{61}{260}$	$\Phi_{260}^{10}\ \Phi_{130}^{10}\ \Phi_{52}^{10}\ \Phi_{26}^{10}\ \Phi_{20}^{10}\ \Phi_{13}^3\ \Phi_{10}^{10}\ \Phi_4^{10}\ \Phi_2^{10}\ \Phi_1^4$
164291	1990	2860	$\frac{4}{65}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{61}{260}$	$\Phi_{2860}\ \Phi_{1430}\ \Phi_{572}\ \Phi_{286}\ \Phi_{220}\ \Phi_{110}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
164292	1990	1296	$\frac{23}{324}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{301}{1296}$	$\Phi_{1296}^2\ \Phi_{648}^2\ \Phi_{432}^2\ \Phi_{216}^2\ \Phi_{144}^2\ \Phi_{72}^2\ \Phi_{48}^2\ \Phi_{27}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_9\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
164293	1990	234	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{35}{234}$	$\frac{3}{13}$	$\Phi_{234}^{10}\ \Phi_{117}^{10}\ \Phi_{78}^{10}\ \Phi_{26}^{10}\ \Phi_{18}^{10}\ \Phi_{13}^3\ \Phi_9^{10}\ \Phi_6^{10}\ \Phi_2^{10}\ \Phi_1^4$
164294	1990	2816	$\frac{1}{11}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{57}{256}$	$\Phi_{2816}\ \Phi_{1408}\ \Phi_{88}\ \Phi_{44}\ \Phi_{22}$
164295	1990	1274	$\frac{1}{13}$	$\frac{79}{637}$	$\frac{12}{91}$	$\frac{279}{1274}$	$\Phi_{1274}^2\ \Phi_{637}\ \Phi_{182}^2\ \Phi_{98}^2\ \Phi_{91}^2\ \Phi_{49}\ \Phi_{26}^2\ \Phi_{14}^2\ \Phi_{13}\ \Phi_7^2\ \Phi_2^2\ \Phi_1^2$
164296	1990	2464	$\frac{1}{11}$	$\frac{25}{224}$	$\frac{1}{8}$	$\frac{7}{32}$	$\Phi_{2464}\ \Phi_{1232}\ \Phi_{616}\ \Phi_{308}\ \Phi_{154}\ \Phi_{88}\ \Phi_{77}\ \Phi_{44}\ \Phi_{22}$
164297	1990	210	$\frac{11}{210}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{14}$	$\Phi_{210}^{10}\ \Phi_{105}^{10}\ \Phi_{70}^{10}\ \Phi_{42}^7\ \Phi_{35}^{10}\ \Phi_{30}^{10}\ \Phi_{21}^7\ \Phi_{15}^{10}\ \Phi_{14}^9\ \Phi_{10}^{10}\ \Phi_7^8\ \Phi_6^6\ \Phi_5^{10}\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$
164298	1990	216	$\frac{17}{216}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{23}{108}$	$\Phi_{216}^{10}\ \Phi_{108}^8\ \Phi_{72}^{10}\ \Phi_{54}^8\ \Phi_{36}^8\ \Phi_{27}^{10}\ \Phi_{24}^{10}\ \Phi_{18}^8\ \Phi_{12}^8\ \Phi_9^9\ \Phi_8^{10}\ \Phi_6^8\ \Phi_4^8\ \Phi_3^9\ \Phi_2^8\ \Phi_1^{10}$
164299	1990	252	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{1}{6}$	$\frac{53}{252}$	$\Phi_{252}^{10}\ \Phi_{126}^4\ \Phi_{84}^{10}\ \Phi_{63}^6\ \Phi_{42}^7\ \Phi_{36}^{10}\ \Phi_{28}^{10}\ \Phi_{21}^8\ \Phi_{18}^4\ \Phi_{14}^7\ \Phi_{12}^{10}\ \Phi_9^6\ \Phi_7^8\ \Phi_6^6\ \Phi_4^{10}\ \Phi_3^7\ \Phi_2^6\ \Phi_1^8$
164300	1990	221	$\frac{16}{221}$	$\frac{22}{221}$	$\frac{41}{221}$	$\frac{45}{221}$	$\Phi_{221}^9\ \Phi_{17}^9\ \Phi_{13}^9\ \Phi_1^{10}$
164301	1990	2850	$\frac{1}{19}$	$\frac{77}{475}$	$\frac{1}{6}$	$\frac{18}{95}$	$\Phi_{2850}\ \Phi_{1425}\ \Phi_{950}\ \Phi_{150}\ \Phi_{114}\ \Phi_{75}\ \Phi_{57}\ \Phi_{50}\ \Phi_{38}$
164302	1990	1470	$\frac{3}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{46}{245}$	$\Phi_{1470}^2\ \Phi_{735}^2\ \Phi_{490}^2\ \Phi_{210}^2\ \Phi_{105}^2\ \Phi_{70}^2\ \Phi_{42}\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{15}^2\ \Phi_{14}\ \Phi_{10}^2$
164303	1990	243	$\frac{23}{243}$	$\frac{1}{9}$	$\frac{4}{27}$	$\frac{44}{243}$	$\Phi_{243}^8\ \Phi_{81}^8\ \Phi_{27}^{10}\ \Phi_9^9\ \Phi_3^9\ \Phi_1^{10}$
164304	1990	2640	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{7}{48}$	$\frac{41}{240}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{880}\ \Phi_{660}\ \Phi_{440}\ \Phi_{330}\ \Phi_{220}\ \Phi_{165}\ \Phi_{110}\ \Phi_{88}\ \Phi_{55}\ \Phi_{44}\ \Phi_{22}$
164305	1990	882	$\frac{43}{441}$	$\frac{6}{49}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{882}^3\ \Phi_{441}^2\ \Phi_{294}^2\ \Phi_{147}\ \Phi_{126}^3\ \Phi_{98}^2\ \Phi_{63}^2\ \Phi_{49}^2\ \Phi_{42}^3\ \Phi_{21}^2\ \Phi_{18}^3\ \Phi_{14}^3\ \Phi_9^2\ \Phi_7^2\ \Phi_6^2\ \Phi_3\ \Phi_2^2\ \Phi_1^2$
164306	1990	672	$\frac{3}{28}$	$\frac{25}{224}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{672}^4\ \Phi_{336}^4\ \Phi_{224}^2\ \Phi_{168}^4\ \Phi_{112}^2\ \Phi_{96}^4\ \Phi_{56}^2\ \Phi_{48}^4\ \Phi_{42}\ \Phi_{32}^2\ \Phi_{24}^4\ \Phi_{21}\ \Phi_{16}^2\ \Phi_{14}\ \Phi_8^2$
164307	1990	1134	$\frac{1}{9}$	$\frac{139}{1134}$	$\frac{23}{162}$	$\frac{4}{27}$	$\Phi_{1134}^2\ \Phi_{567}^2\ \Phi_{378}^2\ \Phi_{189}^2\ \Phi_{126}^2\ \Phi_{63}^2\ \Phi_{42}^2\ \Phi_{27}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_9\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
164308	1991	3184	$\frac{1}{398}$	$\frac{399}{1592}$	$\frac{1193}{3184}$	$\frac{397}{796}$	$\Phi_{3184}\ \Phi_{796}\ \Phi_{16}\ \Phi_4\ \Phi_1$
164309	1991	360	$\frac{1}{180}$	$\frac{1}{10}$	$\frac{9}{20}$	$\frac{179}{360}$	$\Phi_{360}^{11}\ \Phi_{120}^{11}\ \Phi_{72}^{11}\ \Phi_{40}^{11}\ \Phi_{24}^{11}\ \Phi_{20}\ \Phi_8^{11}\ \Phi_4\ \Phi_1$
164310	1991	360	$\frac{1}{180}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{179}{360}$	$\Phi_{360}^{11}\ \Phi_{120}^{11}\ \Phi_{72}^{11}\ \Phi_{40}^{11}\ \Phi_{24}^{11}\ \Phi_{15}\ \Phi_8^{11}\ \Phi_3\ \Phi_1$
164311	1991	2660	$\frac{4}{665}$	$\frac{1}{5}$	$\frac{669}{2660}$	$\frac{661}{1330}$	$\Phi_{2660}\ \Phi_{665}\ \Phi_{532}\ \Phi_{380}\ \Phi_{140}\ \Phi_{133}\ \Phi_{95}\ \Phi_{76}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{19}\ \Phi_7\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164312	1991	2280	$\frac{4}{285}$	$\frac{289}{2280}$	$\frac{1}{5}$	$\frac{281}{570}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{456}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164313	1991	3920	$\frac{31}{1960}$	$\frac{1}{10}$	$\frac{9}{40}$	$\frac{1929}{3920}$	$\Phi_{3920}\ \Phi_{784}\ \Phi_{560}\ \Phi_{112}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
164314	1991	3920	$\frac{31}{1960}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{1929}{3920}$	$\Phi_{3920}\ \Phi_{784}\ \Phi_{560}\ \Phi_{112}\ \Phi_{80}\ \Phi_{35}\ \Phi_{16}\ \Phi_{7}\ \Phi_{1}$
164315	1991	3900	$\frac{41}{1950}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{1909}{3900}$	$\Phi_{3900}\ \Phi_{1300}\ \Phi_{780}\ \Phi_{300}\ \Phi_{260}\ \Phi_{156}\ \Phi_{100}\ \Phi_{60}\ \Phi_{52}\ \Phi_{50}\ \Phi_{25}\ \Phi_{20}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
164316	1991	2400	$\frac{9}{400}$	$\frac{1}{10}$	$\frac{409}{2400}$	$\frac{391}{800}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{96}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164317	1991	2100	$\frac{6}{175}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{169}{350}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{300}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}^2\ \Phi_{75}\ \Phi_{60}\ \Phi_{42}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{28}^2\ \Phi_{25}\ \Phi_{21}^2\ \Phi_{20}\ \Phi_{15}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164318	1991	3840	$\frac{71}{1920}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{1849}{3840}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{256}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
164319	1991	2100	$\frac{4}{105}$	$\frac{109}{2100}$	$\frac{1}{5}$	$\frac{101}{210}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164320	1991	624	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{27}{208}$	$\frac{25}{52}$	$\Phi_{624}^4\ \Phi_{312}^4\ \Phi_{208}^3\ \Phi_{156}^2\ \Phi_{104}^3\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{48}^4\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{24}^4\ \Phi_{16}^3\ \Phi_{13}\ \Phi_{12}\ \Phi_{8}^3\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164321	1991	190	$\frac{4}{95}$	$\frac{9}{190}$	$\frac{1}{5}$	$\frac{91}{190}$	$\Phi_{190}^{10}\ \Phi_{95}^{11}\ \Phi_{38}^{10}\ \Phi_{19}^{11}\ \Phi_{10}^{10}\ \Phi_{5}^{10}\ \Phi_{2}^{10}\ \Phi_{1}^{11}$
164322	1991	3800	$\frac{4}{95}$	$\frac{91}{1900}$	$\frac{1}{5}$	$\frac{1809}{3800}$	$\Phi_{3800}\ \Phi_{760}\ \Phi_{200}\ \Phi_{152}\ \Phi_{95}\ \Phi_{40}\ \Phi_{19}\ \Phi_{8}\ \Phi_{1}$
164323	1991	3800	$\frac{91}{1900}$	$\frac{9}{100}$	$\frac{1}{10}$	$\frac{1809}{3800}$	$\Phi_{3800}\ \Phi_{760}\ \Phi_{200}\ \Phi_{152}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
164324	1991	3780	$\frac{4}{105}$	$\frac{101}{1890}$	$\frac{1}{5}$	$\frac{1789}{3780}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{108}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164325	1991	2028	$\frac{12}{169}$	$\frac{1}{13}$	$\frac{1}{12}$	$\frac{157}{338}$	$\Phi_{2028}\ \Phi_{1014}\ \Phi_{676}\ \Phi_{507}\ \Phi_{169}\ \Phi_{156}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{13}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164326	1991	588	$\frac{1}{14}$	$\frac{15}{196}$	$\frac{1}{12}$	$\frac{13}{28}$	$\Phi_{588}^4\ \Phi_{294}^4\ \Phi_{196}^3\ \Phi_{147}^4\ \Phi_{98}^3\ \Phi_{84}^2\ \Phi_{49}^3\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164327	1991	336	$\frac{1}{14}$	$\frac{13}{168}$	$\frac{1}{12}$	$\frac{155}{336}$	$\Phi_{336}^{11}\ \Phi_{112}^{11}\ \Phi_{84}^2\ \Phi_{48}^{11}\ \Phi_{42}^2\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{16}^{11}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164328	1991	3660	$\frac{2}{183}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{9}{20}$	$\Phi_{3660}\ \Phi_{1220}\ \Phi_{732}\ \Phi_{244}\ \Phi_{183}\ \Phi_{61}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
164329	1991	540	$\frac{1}{90}$	$\frac{1}{10}$	$\frac{89}{270}$	$\frac{9}{20}$	$\Phi_{540}^{10}\ \Phi_{270}\ \Phi_{135}\ \Phi_{108}^{10}\ \Phi_{54}\ \Phi_{27}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
164330	1991	920	$\frac{3}{184}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{9}{20}$	$\Phi_{920}^2\ \Phi_{460}^2\ \Phi_{230}^2\ \Phi_{184}^3\ \Phi_{115}^2\ \Phi_{92}^3\ \Phi_{46}^3\ \Phi_{40}^2\ \Phi_{23}^3\ \Phi_{20}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
164331	1991	240	$\frac{1}{60}$	$\frac{1}{10}$	$\frac{59}{240}$	$\frac{9}{20}$	$\Phi_{240}^{11}\ \Phi_{120}^{11}\ \Phi_{80}^{11}\ \Phi_{48}^{11}\ \Phi_{40}^{11}\ \Phi_{24}^{11}\ \Phi_{20}\ \Phi_{16}^{11}\ \Phi_{8}^{11}\ \Phi_{4}\ \Phi_{1}$
164332	1991	740	$\frac{4}{185}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{9}{20}$	$\Phi_{740}^5\ \Phi_{185}\ \Phi_{148}^5\ \Phi_{37}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
164333	1991	900	$\frac{1}{45}$	$\frac{1}{10}$	$\frac{44}{225}$	$\frac{9}{20}$	$\Phi_{900}^5\ \Phi_{300}^5\ \Phi_{225}\ \Phi_{100}^5\ \Phi_{75}\ \Phi_{25}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
164334	1991	2040	$\frac{49}{2040}$	$\frac{1}{10}$	$\frac{11}{60}$	$\frac{9}{20}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}\ \Phi_{120}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{51}\ \Phi_{40}\ \Phi_{34}\ \Phi_{24}\ \Phi_{20}\ \Phi_{17}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
164335	1991	1860	$\frac{5}{186}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{9}{20}$	$\Phi_{1860}^2\ \Phi_{620}^2\ \Phi_{372}^2\ \Phi_{186}\ \Phi_{124}^2\ \Phi_{93}\ \Phi_{62}\ \Phi_{31}\ \Phi_{20}\ \Phi_{4}\ \Phi_{1}$
164336	1991	1080	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{35}{216}$	$\frac{9}{20}$	$\Phi_{1080}^2\ \Phi_{540}^2\ \Phi_{360}^2\ \Phi_{270}^2\ \Phi_{216}^3\ \Phi_{135}^2\ \Phi_{120}^2\ \Phi_{108}^3\ \Phi_{72}^3\ \Phi_{54}^3\ \Phi_{40}^2\ \Phi_{27}^3\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{8}^3\ \Phi_{4}\ \Phi_{1}$
164337	1991	420	$\frac{1}{30}$	$\frac{1}{10}$	$\frac{29}{210}$	$\frac{9}{20}$	$\Phi_{420}^{10}\ \Phi_{210}\ \Phi_{140}^{10}\ \Phi_{105}\ \Phi_{84}^{10}\ \Phi_{70}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}^{10}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
164338	1991	3780	$\frac{8}{189}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{420}\ \Phi_{252}\ \Phi_{189}\ \Phi_{140}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{20}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
164339	1991	380	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{380}^{10}\ \Phi_{190}\ \Phi_{95}\ \Phi_{76}^{10}\ \Phi_{38}\ \Phi_{20}\ \Phi_{19}\ \Phi_{4}\ \Phi_{1}$
164340	1991	200	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{200}^{11}\ \Phi_{100}^{11}\ \Phi_{50}^{11}\ \Phi_{40}^{11}\ \Phi_{25}^{11}\ \Phi_{20}\ \Phi_{8}^{11}\ \Phi_{4}\ \Phi_{1}$
164341	1991	1980	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{1980}^2\ \Phi_{660}^2\ \Phi_{396}^2\ \Phi_{220}^2\ \Phi_{198}\ \Phi_{132}^2\ \Phi_{99}\ \Phi_{66}\ \Phi_{44}^2\ \Phi_{33}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164342	1991	960	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{960}^2\ \Phi_{480}^2\ \Phi_{320}^2\ \Phi_{240}^2\ \Phi_{192}^3\ \Phi_{160}^2\ \Phi_{120}^2\ \Phi_{96}^3\ \Phi_{80}^2\ \Phi_{64}^3\ \Phi_{48}^3\ \Phi_{40}^2\ \Phi_{32}^3\ \Phi_{24}^3\ \Phi_{20}\ \Phi_{16}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
164343	1991	2160	$\frac{11}{180}$	$\frac{169}{2160}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
164344	1991	780	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{1}{10}$	$\frac{9}{20}$	$\Phi_{780}^5\ \Phi_{260}^5\ \Phi_{195}\ \Phi_{156}^5\ \Phi_{65}\ \Phi_{52}^5\ \Phi_{39}\ \Phi_{20}\ \Phi_{13}\ \Phi_4\ \Phi_1$
164345	1991	3600	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{191}{1800}$	$\frac{1609}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{144}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
164346	1991	2080	$\frac{89}{2080}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{160}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{16}\ \Phi_{13}\ \Phi_8\ \Phi_4\ \Phi_1$
164347	1991	2030	$\frac{39}{2030}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{70}$	$\Phi_{2030}\ \Phi_{1015}\ \Phi_{406}\ \Phi_{290}\ \Phi_{203}\ \Phi_{145}\ \Phi_{58}\ \Phi_{35}\ \Phi_{29}\ \Phi_7\ \Phi_1$
164348	1991	3500	$\frac{9}{250}$	$\frac{1}{10}$	$\frac{241}{1750}$	$\frac{1509}{3500}$	$\Phi_{3500}\ \Phi_{700}\ \Phi_{500}\ \Phi_{250}\ \Phi_{140}\ \Phi_{125}\ \Phi_{100}\ \Phi_{50}\ \Phi_{28}\ \Phi_{25}\ \Phi_{20}\ \Phi_4\ \Phi_1$
164349	1991	312	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{25}{156}$	$\frac{131}{312}$	$\Phi_{312}^{11}\ \Phi_{156}^2\ \Phi_{104}^{11}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{24}^{11}\ \Phi_{13}\ \Phi_{12}\ \Phi_8^{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
164350	1991	3420	$\frac{4}{285}$	$\frac{281}{1710}$	$\frac{1}{5}$	$\frac{1429}{3420}$	$\Phi_{3420}\ \Phi_{1140}\ \Phi_{684}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{180}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{36}\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}\ \Phi_4\ \Phi_3\ \Phi_1$
164351	1991	1638	$\frac{1}{182}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{7}{18}$	$\Phi_{1638}\ \Phi_{819}\ \Phi_{546}^2\ \Phi_{273}^2\ \Phi_{234}\ \Phi_{182}\ \Phi_{126}\ \Phi_{117}\ \Phi_{91}\ \Phi_{78}^2\ \Phi_{63}\ \Phi_{42}^2\ \Phi_{39}^2\ \Phi_{26}\ \Phi_{21}^2\ \Phi_{14}\ \Phi_{13}\ \Phi_9\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
164352	1991	3200	$\frac{9}{400}$	$\frac{1}{10}$	$\frac{391}{1600}$	$\frac{1209}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{400}\ \Phi_{200}\ \Phi_{128}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
164353	1991	1456	$\frac{1}{182}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\Phi_{1456}^2\ \Phi_{364}^2\ \Phi_{208}^2\ \Phi_{182}\ \Phi_{112}^2\ \Phi_{91}\ \Phi_{52}^2\ \Phi_{28}^2\ \Phi_{26}\ \Phi_{16}\ \Phi_{14}\ \Phi_{13}\ \Phi_7\ \Phi_4\ \Phi_1$
164354	1991	2010	$\frac{19}{2010}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{2010}\ \Phi_{1005}\ \Phi_{670}\ \Phi_{402}\ \Phi_{335}\ \Phi_{201}\ \Phi_{134}\ \Phi_{67}\ \Phi_{15}\ \Phi_3\ \Phi_1$
164355	1991	3000	$\frac{9}{500}$	$\frac{1}{10}$	$\frac{491}{1500}$	$\frac{1009}{3000}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{500}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{120}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_8\ \Phi_4\ \Phi_1$
164356	1991	915	$\frac{2}{183}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{1}{3}$	$\Phi_{915}^2\ \Phi_{305}^2\ \Phi_{183}^3\ \Phi_{61}^3\ \Phi_{15}\ \Phi_3\ \Phi_1$
164357	1991	270	$\frac{1}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{89}{270}$	$\Phi_{270}^{11}\ \Phi_{135}^{11}\ \Phi_{54}^{11}\ \Phi_{27}^{11}\ \Phi_{15}\ \Phi_3\ \Phi_1$
164358	1991	2565	$\frac{4}{285}$	$\frac{1}{5}$	$\frac{574}{2565}$	$\frac{281}{855}$	$\Phi_{2565}\ \Phi_{513}\ \Phi_{285}\ \Phi_{135}\ \Phi_{95}\ \Phi_{57}\ \Phi_{27}\ \Phi_{19}\ \Phi_{15}\ \Phi_3\ \Phi_1$
164359	1991	2940	$\frac{31}{980}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{949}{2940}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{735}\ \Phi_{588}\ \Phi_{420}\ \Phi_{294}\ \Phi_{210}\ \Phi_{147}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
164360	1991	2205	$\frac{4}{105}$	$\frac{214}{2205}$	$\frac{1}{5}$	$\frac{101}{315}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{441}\ \Phi_{245}\ \Phi_{147}\ \Phi_{105}\ \Phi_{49}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_3\ \Phi_1$
164361	1991	468	$\frac{1}{26}$	$\frac{1}{12}$	$\frac{53}{234}$	$\frac{25}{78}$	$\Phi_{468}^6\ \Phi_{234}^5\ \Phi_{156}^2\ \Phi_{117}^5\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{39}^2\ \Phi_{36}^6\ \Phi_{26}\ \Phi_{18}^5\ \Phi_{13}\ \Phi_{12}\ \Phi_9^5\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
164362	1991	2400	$\frac{9}{200}$	$\frac{1}{10}$	$\frac{409}{2400}$	$\frac{191}{600}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{96}\ \Phi_{80}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_8\ \Phi_4\ \Phi_1$
164363	1991	420	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{29}{210}$	$\frac{13}{42}$	$\Phi_{420}^6\ \Phi_{210}^5\ \Phi_{140}^6\ \Phi_{105}^5\ \Phi_{84}^2\ \Phi_{70}^5\ \Phi_{60}^6\ \Phi_{42}^2\ \Phi_{35}^5\ \Phi_{30}^5\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{20}^6\ \Phi_{15}^5\ \Phi_{14}\ \Phi_{12}\ \Phi_{10}^5\ \Phi_7\ \Phi_6\ \Phi_5^5\ \Phi_4\ \Phi_3\ \Phi_1$
164364	1991	2880	$\frac{71}{960}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{889}{2880}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{576}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
164365	1991	2850	$\frac{4}{95}$	$\frac{91}{950}$	$\frac{1}{5}$	$\frac{859}{2850}$	$\Phi_{2850}\ \Phi_{1425}\ \Phi_{570}\ \Phi_{285}\ \Phi_{150}\ \Phi_{114}\ \Phi_{95}\ \Phi_{75}\ \Phi_{57}\ \Phi_{30}\ \Phi_{19}\ \Phi_{15}\ \Phi_6\ \Phi_3\ \Phi_1$
164366	1991	2835	$\frac{4}{105}$	$\frac{101}{945}$	$\frac{1}{5}$	$\frac{844}{2835}$	$\Phi_{2835}\ \Phi_{567}\ \Phi_{405}\ \Phi_{105}\ \Phi_{81}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_7\ \Phi_3\ \Phi_1$
164367	1991	2160	$\frac{169}{2160}$	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{240}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_9\ \Phi_8\ \Phi_4\ \Phi_1$
164368	1991	252	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{13}{84}$	$\frac{71}{252}$	$\Phi_{252}^{11}\ \Phi_{126}^{11}\ \Phi_{84}^2\ \Phi_{63}^{11}\ \Phi_{42}^2\ \Phi_{36}^{11}\ \Phi_{28}^2\ \Phi_{21}^2\ \Phi_{18}^{11}\ \Phi_{14}\ \Phi_{12}\ \Phi_9^{11}\ \Phi_7\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
164369	1991	2100	$\frac{109}{2100}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{41}{150}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{210}\ \Phi_{175}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{70}\ \Phi_{60}\ \Phi_{50}\ \Phi_{42}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
164370	1991	2760	$\frac{3}{184}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{2760}\ \Phi_{1380}\ \Phi_{690}\ \Phi_{552}\ \Phi_{345}\ \Phi_{276}\ \Phi_{184}\ \Phi_{138}\ \Phi_{120}\ \Phi_{92}\ \Phi_{69}\ \Phi_{46}\ \Phi_{24}\ \Phi_{23}\ \Phi_{15}\ \Phi_8\ \Phi_3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164371	1991	240	$\frac{1}{60}$	$\frac{1}{5}$	$\frac{59}{240}$	$\frac{4}{15}$	$\Phi_{240}^{11}\ \Phi_{120}^{11}\ \Phi_{80}^{11}\ \Phi_{48}^{11}\ \Phi_{40}^{11}\ \Phi_{24}^{11}\ \Phi_{16}^{11}\ \Phi_{15}\ \Phi_{8}^{11}\ \Phi_{3}\ \Phi_{1}$
164372	1991	2025	$\frac{34}{2025}$	$\frac{1}{5}$	$\frac{11}{45}$	$\frac{4}{15}$	$\Phi_{2025}\ \Phi_{675}\ \Phi_{405}\ \Phi_{225}\ \Phi_{135}\ \Phi_{81}\ \Phi_{75}\ \Phi_{27}\ \Phi_{25}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
164373	1991	555	$\frac{4}{185}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{555}^{5}\ \Phi_{185}\ \Phi_{111}^{5}\ \Phi_{37}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
164374	1991	225	$\frac{1}{45}$	$\frac{44}{225}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{225}^{11}\ \Phi_{75}^{11}\ \Phi_{25}^{11}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
164375	1991	2040	$\frac{49}{2040}$	$\frac{11}{60}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}\ \Phi_{120}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{51}\ \Phi_{40}\ \Phi_{34}\ \Phi_{24}\ \Phi_{17}\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
164376	1991	930	$\frac{5}{186}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{930}^{2}\ \Phi_{465}^{2}\ \Phi_{310}^{2}\ \Phi_{186}^{3}\ \Phi_{155}^{2}\ \Phi_{93}^{3}\ \Phi_{62}^{3}\ \Phi_{31}^{3}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
164377	1991	1080	$\frac{1}{36}$	$\frac{35}{216}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{1080}^{2}\ \Phi_{540}^{2}\ \Phi_{360}^{2}\ \Phi_{270}^{2}\ \Phi_{216}^{3}\ \Phi_{135}^{2}\ \Phi_{120}^{2}\ \Phi_{108}^{3}\ \Phi_{72}^{3}\ \Phi_{54}^{3}\ \Phi_{40}^{2}\ \Phi_{27}^{3}\ \Phi_{24}^{3}\ \Phi_{15}\ \Phi_{8}^{3}\ \Phi_{3}\ \Phi_{1}$
164378	1991	210	$\frac{1}{30}$	$\frac{29}{210}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{210}^{11}\ \Phi_{105}^{11}\ \Phi_{70}^{11}\ \Phi_{42}^{11}\ \Phi_{35}^{11}\ \Phi_{21}^{11}\ \Phi_{15}\ \Phi_{14}^{11}\ \Phi_{7}^{11}\ \Phi_{3}\ \Phi_{1}$
164379	1991	2070	$\frac{79}{2070}$	$\frac{11}{90}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{414}\ \Phi_{345}\ \Phi_{230}\ \Phi_{207}\ \Phi_{138}\ \Phi_{115}\ \Phi_{69}\ \Phi_{46}\ \Phi_{23}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
164380	1991	945	$\frac{8}{189}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{3}\ \Phi_{135}^{2}\ \Phi_{105}^{2}\ \Phi_{63}^{3}\ \Phi_{35}^{2}\ \Phi_{27}^{3}\ \Phi_{21}^{3}\ \Phi_{15}\ \Phi_{7}^{3}\ \Phi_{3}\ \Phi_{1}$
164381	1991	570	$\frac{9}{190}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{570}^{5}\ \Phi_{285}^{5}\ \Phi_{190}\ \Phi_{114}^{5}\ \Phi_{95}\ \Phi_{57}^{5}\ \Phi_{38}\ \Phi_{19}\ \Phi_{15}\ \Phi_{3}\ \Phi_{1}$
164382	1991	600	$\frac{1}{20}$	$\frac{19}{200}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{600}^{5}\ \Phi_{300}^{5}\ \Phi_{200}\ \Phi_{150}^{5}\ \Phi_{120}^{5}\ \Phi_{100}\ \Phi_{75}^{5}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}^{5}\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
164383	1991	990	$\frac{1}{18}$	$\frac{17}{198}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{330}^{2}\ \Phi_{198}^{3}\ \Phi_{165}^{2}\ \Phi_{110}^{2}\ \Phi_{99}^{3}\ \Phi_{66}^{3}\ \Phi_{55}^{2}\ \Phi_{33}^{3}\ \Phi_{22}^{3}\ \Phi_{15}\ \Phi_{11}^{3}\ \Phi_{3}\ \Phi_{1}$
164384	1991	960	$\frac{11}{192}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{960}^{2}\ \Phi_{480}^{2}\ \Phi_{320}^{2}\ \Phi_{240}^{2}\ \Phi_{192}^{3}\ \Phi_{160}^{2}\ \Phi_{120}^{2}\ \Phi_{96}^{3}\ \Phi_{80}^{2}\ \Phi_{64}^{3}\ \Phi_{48}^{3}\ \Phi_{40}^{2}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{16}^{3}\ \Phi_{15}\ \Phi_{8}^{3}\ \Phi_{3}\ \Phi_{1}$
164385	1991	2160	$\frac{11}{180}$	$\frac{169}{2160}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{15}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
164386	1991	195	$\frac{1}{15}$	$\frac{14}{195}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{195}^{11}\ \Phi_{65}^{11}\ \Phi_{39}^{11}\ \Phi_{15}\ \Phi_{13}^{11}\ \Phi_{3}\ \Phi_{1}$
164387	1991	2280	$\frac{4}{95}$	$\frac{289}{2280}$	$\frac{1}{5}$	$\frac{91}{380}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{570}\ \Phi_{456}\ \Phi_{285}\ \Phi_{228}\ \Phi_{152}\ \Phi_{120}\ \Phi_{114}\ \Phi_{95}\ \Phi_{60}\ \Phi_{57}\ \Phi_{40}\ \Phi_{30}\ \Phi_{24}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
164388	1991	2600	$\frac{41}{650}$	$\frac{1}{10}$	$\frac{9}{50}$	$\frac{609}{2600}$	$\Phi_{2600}\ \Phi_{1300}\ \Phi_{520}\ \Phi_{260}\ \Phi_{200}\ \Phi_{104}\ \Phi_{100}\ \Phi_{52}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
164389	1991	672	$\frac{1}{14}$	$\frac{1}{12}$	$\frac{43}{224}$	$\frac{13}{56}$	$\Phi_{672}^{4}\ \Phi_{336}^{4}\ \Phi_{224}^{3}\ \Phi_{112}^{3}\ \Phi_{96}^{4}\ \Phi_{84}^{2}\ \Phi_{48}^{4}\ \Phi_{42}^{2}\ \Phi_{32}^{3}\ \Phi_{28}^{2}\ \Phi_{21}^{2}\ \Phi_{16}^{3}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164390	1991	2240	$\frac{1}{10}$	$\frac{31}{280}$	$\frac{249}{2240}$	$\frac{9}{40}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
164391	1991	2560	$\frac{1}{10}$	$\frac{71}{640}$	$\frac{9}{80}$	$\frac{569}{2560}$	$\Phi_{2560}\ \Phi_{1280}\ \Phi_{512}\ \Phi_{256}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
164392	1991	2240	$\frac{1}{10}$	$\frac{249}{2240}$	$\frac{9}{80}$	$\frac{71}{320}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
164393	1991	2100	$\frac{109}{2100}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{140}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{42}\ \Phi_{35}\ \Phi_{30}\ \Phi_{25}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_{7}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
164394	1991	2520	$\frac{4}{105}$	$\frac{101}{630}$	$\frac{1}{5}$	$\frac{529}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{72}\ \Phi_{60}\ \Phi_{56}\ \Phi_{40}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164395	1991	2375	$\frac{4}{95}$	$\frac{384}{2375}$	$\frac{91}{475}$	$\frac{1}{5}$	$\Phi_{2375}\ \Phi_{125}\ \Phi_{95}\ \Phi_{19}\ \Phi_{1}$
164396	1991	2450	$\frac{31}{490}$	$\frac{4}{35}$	$\frac{459}{2450}$	$\frac{1}{5}$	$\Phi_{2450}\ \Phi_{1225}\ \Phi_{350}\ \Phi_{175}\ \Phi_{50}\ \Phi_{35}\ \Phi_{25}\ \Phi_{7}\ \Phi_{1}$
164397	1991	2205	$\frac{214}{2205}$	$\frac{4}{35}$	$\frac{31}{245}$	$\frac{1}{5}$	$\Phi_{2205}\ \Phi_{735}\ \Phi_{441}\ \Phi_{315}\ \Phi_{147}\ \Phi_{105}\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{21}\ \Phi_{15}\ \Phi_{9}\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}$
164398	1991	2240	$\frac{31}{280}$	$\frac{249}{2240}$	$\frac{4}{35}$	$\frac{1}{5}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{64}\ \Phi_{35}\ \Phi_{32}\ \Phi_{16}\ \Phi_{7}\ \Phi_{1}$
164399	1991	420	$\frac{1}{12}$	$\frac{29}{210}$	$\frac{1}{7}$	$\frac{6}{35}$	$\Phi_{420}^{5}\ \Phi_{210}^{4}\ \Phi_{140}^{5}\ \Phi_{105}^{4}\ \Phi_{84}^{6}\ \Phi_{70}^{4}\ \Phi_{60}^{5}\ \Phi_{42}^{5}\ \Phi_{35}^{5}\ \Phi_{30}^{4}\ \Phi_{28}^{6}\ \Phi_{21}^{5}\ \Phi_{20}^{5}\ \Phi_{15}^{4}\ \Phi_{14}^{5}\ \Phi_{12}^{5}\ \Phi_{10}^{4}\ \Phi_{7}^{5}\ \Phi_{6}^{4}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164400	1991	2400	$\frac{1}{10}$	$\frac{9}{80}$	$\frac{71}{480}$	$\frac{409}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
164401	1992	1491	$\frac{1}{497}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{248}{497}$	$\Phi_{1491}\ \Phi_{497}^2\ \Phi_{213}\ \Phi_{71}^2\ \Phi_{21}\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
164402	1992	1991	$\frac{5}{1991}$	$\frac{499}{1991}$	$\frac{746}{1991}$	$\frac{993}{1991}$	$\Phi_{1991}\ \Phi_{181}\ \Phi_{11}\ \Phi_{1}^2$
164403	1992	2991	$\frac{3}{997}$	$\frac{250}{997}$	$\frac{1}{3}$	$\frac{497}{997}$	Φ_{2991}
164404	1992	1655	$\frac{1}{331}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{165}{331}$	$\Phi_{1655}\ \Phi_{331}^2\ \Phi_{5}^2\ \Phi_{1}^4$
164405	1992	3972	$\frac{1}{331}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{165}{331}$	$\Phi_{3972}\ \Phi_{1986}\ \Phi_{12}^2\ \Phi_{6}^2$
164406	1992	1991	$\frac{7}{1991}$	$\frac{333}{1991}$	$\frac{829}{1991}$	$\frac{992}{1991}$	$\Phi_{1991}\ \Phi_{181}\ \Phi_{11}\ \Phi_{1}^2$
164407	1992	3472	$\frac{1}{248}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{247}{496}$	$\Phi_{3472}\ \Phi_{496}^2\ \Phi_{112}\ \Phi_{16}^2\ \Phi_{7}\ \Phi_{1}^2$
164408	1992	7440	$\frac{1}{248}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{247}{496}$	$\Phi_{7440}\ \Phi_{240}\ \Phi_{15}$
164409	1992	2660	$\frac{3}{665}$	$\frac{1}{4}$	$\frac{167}{665}$	$\frac{331}{665}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{532}\ \Phi_{380}\ \Phi_{266}\ \Phi_{190}\ \Phi_{140}\ \Phi_{76}\ \Phi_{70}\ \Phi_{38}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
164410	1992	1991	$\frac{9}{1991}$	$\frac{497}{1991}$	$\frac{500}{1991}$	$\frac{991}{1991}$	$\Phi_{1991}\ \Phi_{181}\ \Phi_{11}\ \Phi_{1}^2$
164411	1992	2991	$\frac{5}{997}$	$\frac{167}{997}$	$\frac{1}{3}$	$\frac{496}{997}$	Φ_{2991}
164412	1992	905	$\frac{1}{181}$	$\frac{91}{905}$	$\frac{407}{905}$	$\frac{90}{181}$	$\Phi_{905}^2\ \Phi_{181}^3\ \Phi_{5}^2\ \Phi_{1}^4$
164413	1992	165	$\frac{1}{165}$	$\frac{1}{11}$	$\frac{5}{11}$	$\frac{82}{165}$	$\Phi_{165}^{12}\ \Phi_{55}^{12}\ \Phi_{33}^{12}\ \Phi_{15}^{12}\ \Phi_{11}^{13}\ \Phi_{5}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{14}$
164414	1992	1155	$\frac{1}{165}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{82}{165}$	$\Phi_{1155}^2\ \Phi_{385}^2\ \Phi_{231}^2\ \Phi_{105}^2\ \Phi_{77}^2\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_{7}^2$
164415	1992	165	$\frac{1}{165}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{82}{165}$	$\Phi_{165}^{12}\ \Phi_{55}^{12}\ \Phi_{33}^{12}\ \Phi_{15}^{12}\ \Phi_{11}^{13}\ \Phi_{5}^{12}\ \Phi_{3}^{12}\ \Phi_{1}^{14}$
164416	1992	660	$\frac{1}{165}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{82}{165}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{220}^4\ \Phi_{132}^4\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{60}^4\ \Phi_{44}^4\ \Phi_{30}^4\ \Phi_{22}^4\ \Phi_{20}^5\ \Phi_{12}^4\ \Phi_{10}^5\ \Phi_{6}^4\ \Phi_{4}^4\ \Phi_{2}^4$
164417	1992	1991	$\frac{13}{1991}$	$\frac{167}{1991}$	$\frac{912}{1991}$	$\frac{989}{1991}$	$\Phi_{1991}\ \Phi_{181}\ \Phi_{11}\ \Phi_{1}^2$
164418	1992	1596	$\frac{1}{133}$	$\frac{67}{399}$	$\frac{1}{4}$	$\frac{66}{133}$	$\Phi_{1596}^2\ \Phi_{798}^2\ \Phi_{532}\ \Phi_{266}\ \Phi_{228}^2\ \Phi_{114}^2\ \Phi_{84}^2\ \Phi_{76}\ \Phi_{42}^2\ \Phi_{38}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}^2\ \Phi_{6}^2$
164419	1992	1991	$\frac{17}{1991}$	$\frac{251}{1991}$	$\frac{580}{1991}$	$\frac{987}{1991}$	$\Phi_{1991}\ \Phi_{181}\ \Phi_{11}\ \Phi_{1}^2$
164420	1992	777	$\frac{1}{111}$	$\frac{1}{7}$	$\frac{28}{111}$	$\frac{55}{111}$	$\Phi_{777}^3\ \Phi_{259}^3\ \Phi_{21}^3\ \Phi_{7}^2$
164421	1992	1316	$\frac{3}{329}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{163}{329}$	$\Phi_{1316}^2\ \Phi_{658}^2\ \Phi_{188}^2\ \Phi_{94}^2\ \Phi_{28}^3\ \Phi_{14}^3\ \Phi_{4}^2\ \Phi_{2}^2$
164422	1992	1991	$\frac{19}{1991}$	$\frac{335}{1991}$	$\frac{414}{1991}$	$\frac{986}{1991}$	$\Phi_{1991}\ \Phi_{181}\ \Phi_{11}\ \Phi_{1}^2$
164423	1992	2495	$\frac{5}{499}$	$\frac{84}{499}$	$\frac{1}{5}$	$\frac{247}{499}$	Φ_{2495}
164424	1992	380	$\frac{1}{95}$	$\frac{12}{95}$	$\frac{1}{4}$	$\frac{47}{95}$	$\Phi_{380}^7\ \Phi_{190}^7\ \Phi_{76}^7\ \Phi_{38}^7\ \Phi_{20}^7\ \Phi_{10}^7\ \Phi_{4}^6\ \Phi_{2}^6$
164425	1992	1991	$\frac{21}{1991}$	$\frac{248}{1991}$	$\frac{503}{1991}$	$\frac{985}{1991}$	$\Phi_{1991}\ \Phi_{181}\ \Phi_{11}\ \Phi_{1}^2$
164426	1992	2991	$\frac{11}{997}$	$\frac{84}{997}$	$\frac{1}{3}$	$\frac{493}{997}$	Φ_{2991}
164427	1992	3772	$\frac{1}{82}$	$\frac{1}{23}$	$\frac{11}{23}$	$\frac{81}{164}$	$\Phi_{3772}\ \Phi_{164}^2\ \Phi_{92}\ \Phi_{23}\ \Phi_{4}^2\ \Phi_{1}^2$
164428	1992	6396	$\frac{1}{82}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{81}{164}$	$\Phi_{6396}\ \Phi_{156}\ \Phi_{39}$
164429	1992	3772	$\frac{1}{82}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{81}{164}$	$\Phi_{3772}\ \Phi_{164}^2\ \Phi_{92}\ \Phi_{23}\ \Phi_{4}^2\ \Phi_{1}^2$
164430	1992	1476	$\frac{1}{82}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{81}{164}$	$\Phi_{1476}\ \Phi_{738}^2\ \Phi_{492}\ \Phi_{369}^2\ \Phi_{246}^2\ \Phi_{123}^2\ \Phi_{36}^2\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{6}^3\ \Phi_{3}^2$
164431	1992	3772	$\frac{1}{82}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{81}{164}$	$\Phi_{3772}\ \Phi_{164}^2\ \Phi_{92}\ \Phi_{23}\ \Phi_{4}^2\ \Phi_{1}^2$
164432	1992	5740	$\frac{1}{82}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{81}{164}$	$\Phi_{5740}\ \Phi_{140}\ \Phi_{35}$
164433	1992	4410	$\frac{4}{245}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{241}{490}$	$\Phi_{4410}\ \Phi_{1470}\ \Phi_{882}\ \Phi_{630}\ \Phi_{294}\ \Phi_{210}\ \Phi_{126}\ \Phi_{90}\ \Phi_{45}\ \Phi_{42}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
164434	1992	900	$\frac{1}{50}$	$\frac{1}{9}$	$\frac{17}{100}$	$\frac{49}{100}$	$\Phi_{900}^2\ \Phi_{450}^3\ \Phi_{300}^2\ \Phi_{225}^3\ \Phi_{180}^2\ \Phi_{150}^3\ \Phi_{90}^3\ \Phi_{75}^3\ \Phi_{60}^2\ \Phi_{45}^3\ \Phi_{36}^2\ \Phi_{30}^3\ \Phi_{18}^3\ \Phi_{15}^3\ \Phi_{12}^2\ \Phi_{9}^2\ \Phi_{6}^3\ \Phi_{3}^2$
164435	1992	4050	$\frac{2}{81}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{79}{162}$	$\Phi_{4050}\ \Phi_{1350}\ \Phi_{810}\ \Phi_{450}\ \Phi_{270}\ \Phi_{150}\ \Phi_{90}\ \Phi_{75}\ \Phi_{50}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164436	1992	1134	$\frac{2}{81}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{79}{162}$	$\Phi_{1134}^4\ \Phi_{378}^4\ \Phi_{126}^4\ \Phi_{63}\ \Phi_{42}^4\ \Phi_{21}\ \Phi_{14}^4$
164437	1992	1295	$\frac{1}{37}$	$\frac{19}{185}$	$\frac{1}{7}$	$\frac{18}{37}$	$\Phi_{1295}^2\ \Phi_{259}\ \Phi_{35}^2$
164438	1992	1292	$\frac{9}{323}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{157}{323}$	$\Phi_{1292}^2\ \Phi_{646}^2\ \Phi_{76}^3\ \Phi_{68}^2\ \Phi_{38}^3\ \Phi_{34}^2\ \Phi_4^2\ \Phi_2^2$
164439	1992	700	$\frac{1}{35}$	$\frac{9}{175}$	$\frac{1}{4}$	$\frac{17}{35}$	$\Phi_{700}^4\ \Phi_{350}^4\ \Phi_{140}^3\ \Phi_{100}^4\ \Phi_{70}^3\ \Phi_{50}^4\ \Phi_{28}^3\ \Phi_{20}^3\ \Phi_{14}^3\ \Phi_{10}^3\ \Phi_4^2\ \Phi_2^2$
164440	1992	1925	$\frac{67}{1925}$	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{929}{1925}$	$\Phi_{1925}\ \Phi_{385}\ \Phi_{275}\ \Phi_{175}\ \Phi_{77}^2\ \Phi_{55}\ \Phi_{35}\ \Phi_{25}\ \Phi_{11}\ \Phi_7^2\ \Phi_5\ \Phi_1^2$
164441	1992	286	$\frac{5}{143}$	$\frac{1}{11}$	$\frac{37}{286}$	$\frac{69}{143}$	$\Phi_{286}^8\ \Phi_{143}^6\ \Phi_{26}^8\ \Phi_{22}^8\ \Phi_{13}^6\ \Phi_{11}^5\ \Phi_2^8\ \Phi_1^6$
164442	1992	2800	$\frac{1}{28}$	$\frac{1}{25}$	$\frac{29}{112}$	$\frac{27}{56}$	$\Phi_{2800}\ \Phi_{700}\ \Phi_{560}\ \Phi_{400}\ \Phi_{350}\ \Phi_{175}\ \Phi_{140}\ \Phi_{100}\ \Phi_{80}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{20}\ \Phi_{10}$
164443	1992	800	$\frac{3}{80}$	$\frac{1}{25}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{800}^5\ \Phi_{160}^4\ \Phi_{100}\ \Phi_{50}\ \Phi_{32}^4\ \Phi_{20}\ \Phi_{10}$
164444	1992	1440	$\frac{3}{80}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{77}{160}$	$\Phi_{1440}^3\ \Phi_{480}^3\ \Phi_{288}^3\ \Phi_{96}^3\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
164445	1992	2829	$\frac{1}{41}$	$\frac{1}{23}$	$\frac{40}{123}$	$\frac{11}{23}$	$\Phi_{2829}\ \Phi_{123}^2\ \Phi_{69}\ \Phi_{23}\ \Phi_3^2\ \Phi_1^2$
164446	1992	684	$\frac{5}{171}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{9}{19}$	$\Phi_{684}^4\ \Phi_{342}^4\ \Phi_{228}^4\ \Phi_{114}^4\ \Phi_{76}^3\ \Phi_{38}^3\ \Phi_{36}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_6^4\ \Phi_4^2\ \Phi_2^2$
164447	1992	1260	$\frac{1}{35}$	$\frac{17}{315}$	$\frac{1}{4}$	$\frac{149}{315}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{252}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^3\ \Phi_{126}^2\ \Phi_{90}^2\ \Phi_{84}^2\ \Phi_{70}^3\ \Phi_{60}^2\ \Phi_{42}^2\ \Phi_{36}^2\ \Phi_{30}^2\ \Phi_{28}^3\ \Phi_{20}^2\ \Phi_{18}^2\ \Phi_{14}^3\ \Phi_{12}^2\ \Phi_{10}^3\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
164448	1992	181	$\frac{11}{181}$	$\frac{15}{181}$	$\frac{16}{181}$	$\frac{85}{181}$	$\Phi_{181}^{11}\ \Phi_1^{12}$
164449	1992	3900	$\frac{1}{25}$	$\frac{5}{78}$	$\frac{1}{6}$	$\frac{73}{156}$	$\Phi_{3900}\ \Phi_{1300}\ \Phi_{780}\ \Phi_{300}\ \Phi_{260}\ \Phi_{150}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
164450	1992	539	$\frac{5}{77}$	$\frac{41}{539}$	$\frac{1}{11}$	$\frac{36}{77}$	$\Phi_{539}^4\ \Phi_{77}^2\ \Phi_{49}^4\ \Phi_{11}\ \Phi_7^2\ \Phi_1^2$
164451	1992	1859	$\frac{10}{143}$	$\frac{133}{1859}$	$\frac{1}{11}$	$\frac{863}{1859}$	$\Phi_{1859}\ \Phi_{169}\ \Phi_{143}^2\ \Phi_{13}^2\ \Phi_{11}\ \Phi_1^2$
164452	1992	3850	$\frac{1}{25}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{71}{154}$	$\Phi_{3850}\ \Phi_{770}\ \Phi_{550}\ \Phi_{350}\ \Phi_{175}\ \Phi_{110}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{10}$
164453	1992	154	$\frac{5}{77}$	$\frac{6}{77}$	$\frac{1}{11}$	$\frac{71}{154}$	$\Phi_{154}^{24}\ \Phi_{77}^2\ \Phi_{22}^{24}\ \Phi_{14}^{24}\ \Phi_{11}\ \Phi_7^2\ \Phi_2^{24}\ \Phi_1^2$
164454	1992	2400	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{13}{96}$	$\frac{11}{24}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{160}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
164455	1992	924	$\frac{1}{84}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^4\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}^4\ \Phi_{33}\ \Phi_{28}^4\ \Phi_{22}^2\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_7^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
164456	1992	495	$\frac{2}{165}$	$\frac{1}{11}$	$\frac{163}{495}$	$\frac{5}{11}$	$\Phi_{495}^6\ \Phi_{99}^6\ \Phi_{45}^6\ \Phi_{11}\ \Phi_9^6\ \Phi_1^2$
164457	1992	253	$\frac{4}{253}$	$\frac{1}{11}$	$\frac{3}{11}$	$\frac{5}{11}$	$\Phi_{253}^8\ \Phi_{23}^8\ \Phi_{11}^5\ \Phi_1^6$
164458	1992	110	$\frac{1}{55}$	$\frac{1}{11}$	$\frac{27}{110}$	$\frac{5}{11}$	$\Phi_{110}^{24}\ \Phi_{55}^{12}\ \Phi_{22}^{24}\ \Phi_{11}^{13}\ \Phi_{10}^{24}\ \Phi_5^{12}\ \Phi_2^{24}\ \Phi_1^{14}$
164459	1992	935	$\frac{2}{85}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{5}{11}$	$\Phi_{935}^2\ \Phi_{187}^2\ \Phi_{85}^4\ \Phi_{55}\ \Phi_{17}^4\ \Phi_{11}^2\ \Phi_5^2\ \Phi_1^4$
164460	1992	341	$\frac{9}{341}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{341}^6\ \Phi_{31}^6\ \Phi_{11}\ \Phi_1^2$
164461	1992	99	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{16}{99}$	$\frac{5}{11}$	$\Phi_{99}^{24}\ \Phi_{33}^{12}\ \Phi_{11}^{13}\ \Phi_9^{24}\ \Phi_3^{12}\ \Phi_1^{14}$
164462	1992	385	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{53}{385}$	$\frac{5}{11}$	$\Phi_{385}^6\ \Phi_{77}^6\ \Phi_{35}^6\ \Phi_{11}\ \Phi_7^6\ \Phi_1^2$
164463	1992	1045	$\frac{49}{1045}$	$\frac{1}{11}$	$\frac{6}{55}$	$\frac{5}{11}$	$\Phi_{1045}^2\ \Phi_{209}^2\ \Phi_{95}^2\ \Phi_{19}^2\ \Phi_{11}\ \Phi_1^2$
164464	1992	275	$\frac{3}{55}$	$\frac{1}{11}$	$\frac{26}{275}$	$\frac{5}{11}$	$\Phi_{275}^8\ \Phi_{55}^4\ \Phi_{25}^8\ \Phi_{11}^5\ \Phi_5^4\ \Phi_1^6$
164465	1992	88	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{88}^{24}\ \Phi_{44}^{24}\ \Phi_{22}^{24}\ \Phi_{11}^{13}\ \Phi_8^{24}\ \Phi_4^{24}\ \Phi_2^{24}\ \Phi_1^{14}$
164466	1992	363	$\frac{2}{33}$	$\frac{31}{363}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{363}^6\ \Phi_{121}^6\ \Phi_{11}\ \Phi_1^2$
164467	1992	990	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{1}{11}$	$\frac{5}{11}$	$\Phi_{990}^2\ \Phi_{495}^2\ \Phi_{330}^2\ \Phi_{198}^2\ \Phi_{165}\ \Phi_{110}^2\ \Phi_{99}^2\ \Phi_{90}^4\ \Phi_{66}^2\ \Phi_{55}\ \Phi_{45}^4\ \Phi_{33}\ \Phi_{30}^4\ \Phi_{22}^2\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_{10}^4\ \Phi_9^4\ \Phi_6^4\ \Phi_5^2\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
164468	1992	2340	$\frac{11}{260}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{20}$	$\Phi_{2340}\ \Phi_{1170}\ \Phi_{780}\ \Phi_{585}\ \Phi_{468}\ \Phi_{390}\ \Phi_{234}\ \Phi_{195}\ \Phi_{156}\ \Phi_{117}\ \Phi_{90}\ \Phi_{78}\ \Phi_{45}\ \Phi_{39}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_6$
164469	1992	450	$\frac{1}{25}$	$\frac{8}{75}$	$\frac{1}{9}$	$\frac{67}{150}$	$\Phi_{450}^9\ \Phi_{225}\ \Phi_{150}^6\ \Phi_{90}^9\ \Phi_{75}\ \Phi_{50}^6\ \Phi_{45}\ \Phi_{30}^6\ \Phi_{18}^9\ \Phi_{15}\ \Phi_{10}^6\ \Phi_6^6\ \Phi_2^6$
164470	1992	1197	$\frac{5}{171}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{4}{9}$	$\Phi_{1197}^2\ \Phi_{399}^2\ \Phi_{133}^2\ \Phi_{63}\ \Phi_{21}$
164471	1992	2100	$\frac{1}{84}$	$\frac{3}{25}$	$\frac{7}{25}$	$\frac{11}{25}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{75}\ \Phi_{70}\ \Phi_{60}\ \Phi_{50}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164472	1992	1036	$\frac{1}{37}$	$\frac{9}{74}$	$\frac{1}{7}$	$\frac{65}{148}$	$\Phi_{1036}^{4}\ \Phi_{259}\ \Phi_{28}^{4}$
164473	1992	868	$\frac{1}{124}$	$\frac{1}{7}$	$\frac{41}{124}$	$\frac{3}{7}$	$\Phi_{868}^{2}\ \Phi_{434}^{2}\ \Phi_{217}^{2}\ \Phi_{124}^{4}\ \Phi_{62}^{4}\ \Phi_{31}^{4}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
164474	1992	84	$\frac{1}{84}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{7}$	$\Phi_{84}^{24}\ \Phi_{42}^{24}\ \Phi_{28}^{23}\ \Phi_{21}^{24}\ \Phi_{14}^{23}\ \Phi_{12}^{24}\ \Phi_{7}^{24}\ \Phi_{6}^{24}\ \Phi_{4}^{22}\ \Phi_{3}^{24}\ \Phi_{2}^{22}\ \Phi_{1}^{24}$
164475	1992	2170	$\frac{1}{62}$	$\frac{1}{7}$	$\frac{61}{310}$	$\frac{3}{7}$	$\Phi_{2170}\ \Phi_{1085}\ \Phi_{310}^{2}\ \Phi_{155}^{2}\ \Phi_{70}\ \Phi_{35}\ \Phi_{10}^{2}\ \Phi_{7}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
164476	1992	1792	$\frac{7}{256}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{1792}\ \Phi_{896}\ \Phi_{448}\ \Phi_{256}^{2}\ \Phi_{224}\ \Phi_{128}^{2}\ \Phi_{112}\ \Phi_{64}^{2}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
164477	1992	651	$\frac{1}{31}$	$\frac{10}{93}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{651}^{3}\ \Phi_{217}^{2}\ \Phi_{93}^{6}\ \Phi_{31}^{4}\ \Phi_{21}^{3}\ \Phi_{7}^{3}\ \Phi_{3}^{6}\ \Phi_{1}^{6}$
164478	1992	3600	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{11}{72}$	$\frac{61}{144}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
164479	1992	181	$\frac{7}{181}$	$\frac{15}{181}$	$\frac{29}{181}$	$\frac{76}{181}$	$\Phi_{181}^{11}\ \Phi_{1}^{12}$
164480	1992	143	$\frac{5}{143}$	$\frac{1}{11}$	$\frac{23}{143}$	$\frac{60}{143}$	$\Phi_{143}^{14}\ \Phi_{13}^{14}\ \Phi_{11}^{13}\ \Phi_{1}^{14}$
164481	1992	1140	$\frac{1}{95}$	$\frac{47}{285}$	$\frac{1}{4}$	$\frac{119}{285}$	$\Phi_{1140}^{2}\ \Phi_{570}^{2}\ \Phi_{380}^{3}\ \Phi_{228}^{2}\ \Phi_{190}^{3}\ \Phi_{114}^{2}\ \Phi_{76}^{3}\ \Phi_{60}^{2}\ \Phi_{38}^{3}\ \Phi_{30}^{2}\ \Phi_{20}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{6}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
164482	1992	1991	$\frac{17}{1991}$	$\frac{329}{1991}$	$\frac{580}{1991}$	$\frac{831}{1991}$	$\Phi_{1991}\ \Phi_{181}\ \Phi_{11}\ \Phi_{1}^{2}$
164483	1992	2991	$\frac{7}{997}$	$\frac{165}{997}$	$\frac{1}{3}$	$\frac{416}{997}$	Φ_{2991}
164484	1992	1991	$\frac{14}{1991}$	$\frac{333}{1991}$	$\frac{659}{1991}$	$\frac{829}{1991}$	$\Phi_{1991}\ \Phi_{181}\ \Phi_{11}\ \Phi_{1}^{2}$
164485	1992	700	$\frac{1}{25}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{57}{140}$	$\Phi_{700}^{5}\ \Phi_{350}\ \Phi_{175}\ \Phi_{140}^{4}\ \Phi_{100}^{5}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{28}^{4}\ \Phi_{20}^{4}\ \Phi_{10}\ \Phi_{4}^{4}$
164486	1992	2505	$\frac{1}{167}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{2}{5}$	$\Phi_{2505}\ \Phi_{501}^{2}$
164487	1992	1340	$\frac{3}{335}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{1340}^{2}\ \Phi_{670}^{2}\ \Phi_{268}^{2}\ \Phi_{134}^{2}\ \Phi_{20}\ \Phi_{10}$
164488	1992	1655	$\frac{3}{331}$	$\frac{1}{5}$	$\frac{82}{331}$	$\frac{2}{5}$	$\Phi_{1655}\ \Phi_{331}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
164489	1992	420	$\frac{1}{84}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{420}^{5}\ \Phi_{210}^{5}\ \Phi_{140}^{5}\ \Phi_{105}^{5}\ \Phi_{84}^{4}\ \Phi_{70}^{5}\ \Phi_{60}^{5}\ \Phi_{42}^{4}\ \Phi_{35}^{5}\ \Phi_{30}^{5}\ \Phi_{28}^{4}\ \Phi_{21}^{4}\ \Phi_{20}^{5}\ \Phi_{15}^{5}\ \Phi_{14}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{5}\ \Phi_{7}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}$
164490	1992	543	$\frac{1}{181}$	$\frac{121}{543}$	$\frac{60}{181}$	$\frac{211}{543}$	$\Phi_{543}^{3}\ \Phi_{181}^{5}\ \Phi_{3}^{3}\ \Phi_{1}^{6}$
164491	1992	2171	$\frac{1}{167}$	$\frac{3}{13}$	$\frac{4}{13}$	$\frac{5}{13}$	Φ_{2171}
164492	1992	3600	$\frac{1}{50}$	$\frac{1}{9}$	$\frac{49}{200}$	$\frac{151}{400}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{450}\ \Phi_{240}\ \Phi_{225}\ \Phi_{150}\ \Phi_{144}\ \Phi_{90}\ \Phi_{75}\ \Phi_{48}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
164493	1992	1991	$\frac{19}{1991}$	$\frac{414}{1991}$	$\frac{493}{1991}$	$\frac{749}{1991}$	$\Phi_{1991}\ \Phi_{181}\ \Phi_{11}\ \Phi_{1}^{2}$
164494	1992	532	$\frac{1}{133}$	$\frac{33}{133}$	$\frac{1}{4}$	$\frac{50}{133}$	$\Phi_{532}^{5}\ \Phi_{266}^{5}\ \Phi_{76}^{5}\ \Phi_{38}^{5}\ \Phi_{28}^{5}\ \Phi_{14}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
164495	1992	362	$\frac{1}{181}$	$\frac{45}{181}$	$\frac{113}{362}$	$\frac{68}{181}$	$\Phi_{362}^{8}\ \Phi_{181}^{3}\ \Phi_{2}^{8}\ \Phi_{1}^{4}$
164496	1992	2200	$\frac{1}{25}$	$\frac{5}{88}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{440}\ \Phi_{275}\ \Phi_{220}\ \Phi_{110}\ \Phi_{100}\ \Phi_{55}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
164497	1992	1991	$\frac{15}{1991}$	$\frac{494}{1991}$	$\frac{499}{1991}$	$\frac{746}{1991}$	$\Phi_{1991}\ \Phi_{181}\ \Phi_{11}\ \Phi_{1}^{2}$
164498	1992	2100	$\frac{1}{84}$	$\frac{4}{25}$	$\frac{7}{25}$	$\frac{9}{25}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{75}\ \Phi_{70}\ \Phi_{60}\ \Phi_{50}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
164499	1992	3150	$\frac{1}{25}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{43}{126}$	$\Phi_{3150}\ \Phi_{1050}\ \Phi_{630}\ \Phi_{525}\ \Phi_{450}\ \Phi_{350}\ \Phi_{210}\ \Phi_{175}\ \Phi_{150}\ \Phi_{105}\ \Phi_{90}\ \Phi_{75}\ \Phi_{70}\ \Phi_{50}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}$
164500	1992	181	$\frac{4}{181}$	$\frac{15}{181}$	$\frac{59}{181}$	$\frac{61}{181}$	$\Phi_{181}^{11}\ \Phi_{1}^{12}$
164501	1992	1991	$\frac{20}{1991}$	$\frac{331}{1991}$	$\frac{657}{1991}$	$\frac{667}{1991}$	$\Phi_{1991}\ \Phi_{181}\ \Phi_{11}\ \Phi_{1}^{2}$
164502	1992	2495	$\frac{4}{499}$	$\frac{1}{5}$	$\frac{165}{499}$	$\frac{167}{499}$	Φ_{2495}
164503	1992	1991	$\frac{8}{1991}$	$\frac{661}{1991}$	$\frac{663}{1991}$	$\frac{665}{1991}$	$\Phi_{1991}\ \Phi_{181}\ \Phi_{11}\ \Phi_{1}^{2}$
164504	1992	2991	$\frac{4}{997}$	$\frac{331}{997}$	$\frac{1}{3}$	$\frac{333}{997}$	Φ_{2991}
164505	1992	750	$\frac{1}{250}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{750}^{3}\ \Phi_{375}^{3}\ \Phi_{250}^{2}\ \Phi_{150}^{3}\ \Phi_{125}^{2}\ \Phi_{75}^{3}\ \Phi_{50}^{2}\ \Phi_{30}^{3}\ \Phi_{25}^{2}\ \Phi_{15}^{3}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{2}\ \Phi_{2}^{2}$
164506	1992	1491	$\frac{2}{497}$	$\frac{165}{497}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1491}\ \Phi_{497}^{2}\ \Phi_{213}\ \Phi_{71}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164507	1992	2004	$\frac{1}{167}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{2004}\ \Phi_{1002}\ \Phi_{668}^2\ \Phi_{334}^2$
164508	1992	1491	$\frac{5}{497}$	$\frac{82}{497}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1491}\ \Phi_{497}^2\ \Phi_{213}\ \Phi_{71}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
164509	1992	84	$\frac{1}{84}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{84}^{24}\ \Phi_{42}^{24}\ \Phi_{28}^{24}\ \Phi_{21}^{23}\ \Phi_{14}^{24}\ \Phi_{12}^{24}\ \Phi_7^{22}\ \Phi_6^{24}\ \Phi_4^{24}\ \Phi_3^{24}\ \Phi_2^{24}\ \Phi_1^{24}$
164510	1992	852	$\frac{1}{71}$	$\frac{35}{284}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{852}^2\ \Phi_{426}^2\ \Phi_{284}^4\ \Phi_{213}\ \Phi_{142}^4\ \Phi_{71}^2\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
164511	1992	1860	$\frac{1}{124}$	$\frac{1}{5}$	$\frac{41}{124}$	$\frac{1}{3}$	$\Phi_{1860}^2\ \Phi_{930}^2\ \Phi_{465}^2\ \Phi_{60}^2\ \Phi_{30}^2\ \Phi_{15}^3$
164512	1992	2991	$\frac{10}{997}$	$\frac{167}{997}$	$\frac{329}{997}$	$\frac{1}{3}$	Φ_{2991}
164513	1992	3465	$\frac{2}{165}$	$\frac{1}{7}$	$\frac{163}{495}$	$\frac{1}{3}$	$\Phi_{3465}\ \Phi_{693}\ \Phi_{315}\ \Phi_{63}\ \Phi_{21}$
164514	1992	1599	$\frac{1}{41}$	$\frac{1}{13}$	$\frac{40}{123}$	$\frac{1}{3}$	$\Phi_{1599}\ \Phi_{533}^2\ \Phi_{39}^2\ \Phi_{13}^2$
164515	1992	924	$\frac{1}{84}$	$\frac{2}{11}$	$\frac{3}{11}$	$\frac{1}{3}$	$\Phi_{924}^2\ \Phi_{462}^2\ \Phi_{308}^2\ \Phi_{231}^2\ \Phi_{154}^2\ \Phi_{132}^2\ \Phi_{84}^4\ \Phi_{77}^2\ \Phi_{66}^2\ \Phi_{44}^2\ \Phi_{42}^4$ $\Phi_{33}\ \Phi_{28}^4\ \Phi_{22}^2\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_7^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
164516	1992	2991	$\frac{9}{997}$	$\frac{247}{997}$	$\frac{250}{997}$	$\frac{1}{3}$	Φ_{2991}
164517	1992	3972	$\frac{3}{331}$	$\frac{82}{331}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3972}\ \Phi_{1986}\ \Phi_{12}^2\ \Phi_6^2$
164518	1992	420	$\frac{1}{84}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{420}^6\ \Phi_{210}^6\ \Phi_{140}^6\ \Phi_{105}^6\ \Phi_{70}^6\ \Phi_{60}^5\ \Phi_{35}^6\ \Phi_{30}^5\ \Phi_{20}^6\ \Phi_{15}^6\ \Phi_{10}^6\ \Phi_5^6$
164519	1992	2310	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{27}{110}$	$\frac{1}{3}$	$\Phi_{2310}^2\ \Phi_{1155}\ \Phi_{462}^2\ \Phi_{231}\ \Phi_{210}^2\ \Phi_{105}\ \Phi_{42}^2\ \Phi_{21}^2$
164520	1992	2700	$\frac{1}{25}$	$\frac{2}{27}$	$\frac{25}{108}$	$\frac{1}{3}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{900}\ \Phi_{540}\ \Phi_{450}\ \Phi_{300}\ \Phi_{270}\ \Phi_{180}\ \Phi_{150}\ \Phi_{100}$ $\Phi_{90}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
164521	1992	450	$\frac{1}{25}$	$\frac{7}{90}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{450}^5\ \Phi_{225}^4\ \Phi_{150}^5\ \Phi_{90}^4\ \Phi_{75}^5\ \Phi_{50}^5\ \Phi_{45}^3\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{18}^4\ \Phi_{15}^4\ \Phi_{10}^4$ $\Phi_9^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
164522	1992	930	$\frac{1}{62}$	$\frac{61}{310}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{930}^3\ \Phi_{465}^3\ \Phi_{186}^4\ \Phi_{93}^4\ \Phi_{30}^3\ \Phi_{15}^4\ \Phi_6^4\ \Phi_3^4$
164523	1992	1785	$\frac{2}{85}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1785}^2\ \Phi_{357}^2\ \Phi_{105}\ \Phi_{21}^2$
164524	1992	3840	$\frac{7}{256}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{3840}\ \Phi_{1920}\ \Phi_{960}\ \Phi_{480}\ \Phi_{240}\ \Phi_{15}$
164525	1992	465	$\frac{1}{31}$	$\frac{10}{93}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{465}^5\ \Phi_{155}^6\ \Phi_{15}^6\ \Phi_5^6$
164526	1992	693	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{16}{99}$	$\frac{1}{3}$	$\Phi_{693}^4\ \Phi_{231}^2\ \Phi_{77}^2\ \Phi_{63}^4\ \Phi_{21}^3\ \Phi_7^2$
164527	1992	2415	$\frac{13}{345}$	$\frac{2}{15}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{805}\ \Phi_{483}\ \Phi_{161}\ \Phi_{21}$
164528	1992	1848	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{1848}^2\ \Phi_{924}^2\ \Phi_{462}^2\ \Phi_{231}\ \Phi_{168}^2\ \Phi_{84}^2\ \Phi_{42}^2\ \Phi_{21}^2$
164529	1992	2541	$\frac{2}{33}$	$\frac{31}{363}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2541}\ \Phi_{847}\ \Phi_{21}$
164530	1992	630	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{630}^4\ \Phi_{315}^4\ \Phi_{210}^4\ \Phi_{126}^4\ \Phi_{105}^2\ \Phi_{70}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{35}^2\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^2$
164531	1992	3420	$\frac{1}{95}$	$\frac{191}{855}$	$\frac{1}{4}$	$\frac{94}{285}$	$\Phi_{3420}\ \Phi_{1710}\ \Phi_{684}\ \Phi_{380}\ \Phi_{342}\ \Phi_{190}\ \Phi_{180}\ \Phi_{90}\ \Phi_{76}\ \Phi_{38}\ \Phi_{36}$ $\Phi_{20}\ \Phi_{18}\ \Phi_{10}$
164532	1992	1980	$\frac{2}{165}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{163}{495}$	$\Phi_{1980}^2\ \Phi_{990}^2\ \Phi_{396}^2\ \Phi_{198}^2\ \Phi_{180}^2\ \Phi_{90}^2\ \Phi_{36}^2\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{10}$
164533	1992	3948	$\frac{6}{329}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{323}{987}$	$\Phi_{3948}\ \Phi_{1974}\ \Phi_{564}\ \Phi_{282}\ \Phi_{84}\ \Phi_{42}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_6$
164534	1992	2829	$\frac{1}{41}$	$\frac{2}{23}$	$\frac{7}{23}$	$\frac{40}{123}$	$\Phi_{2829}\ \Phi_{123}^2\ \Phi_{69}\ \Phi_{23}\ \Phi_3^2\ \Phi_1^2$
164535	1992	1476	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{40}{123}$	$\Phi_{1476}^2\ \Phi_{738}^2\ \Phi_{492}\ \Phi_{246}\ \Phi_{164}^2\ \Phi_{82}^2\ \Phi_{36}^3\ \Phi_{18}^3\ \Phi_{12}^2\ \Phi_6^2\ \Phi_4^2\ \Phi_2^2$
164536	1992	2829	$\frac{1}{41}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{40}{123}$	$\Phi_{2829}\ \Phi_{123}^2\ \Phi_{69}\ \Phi_{23}\ \Phi_3^2\ \Phi_1^2$
164537	1992	4305	$\frac{1}{41}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{40}{123}$	$\Phi_{4305}\ \Phi_{105}\ \Phi_{35}$
164538	1992	2940	$\frac{1}{35}$	$\frac{71}{735}$	$\frac{1}{4}$	$\frac{34}{105}$	$\Phi_{2940}\ \Phi_{1470}\ \Phi_{980}\ \Phi_{588}\ \Phi_{490}\ \Phi_{294}\ \Phi_{196}\ \Phi_{140}\ \Phi_{98}\ \Phi_{70}$ $\Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
164539	1992	429	$\frac{5}{143}$	$\frac{1}{11}$	$\frac{97}{429}$	$\frac{46}{143}$	$\Phi_{429}^6\ \Phi_{143}^2\ \Phi_{39}^6\ \Phi_{33}^6\ \Phi_{13}^2\ \Phi_{11}\ \Phi_3^6\ \Phi_1^2$
164540	1992	900	$\frac{1}{25}$	$\frac{1}{9}$	$\frac{17}{100}$	$\frac{8}{25}$	$\Phi_{900}^3\ \Phi_{450}^3\ \Phi_{300}^3\ \Phi_{225}\ \Phi_{180}^3\ \Phi_{150}^3\ \Phi_{90}^3\ \Phi_{75}\ \Phi_{60}^3\ \Phi_{45}\ \Phi_{36}^3$ $\Phi_{30}^3\ \Phi_{18}^3\ \Phi_{15}\ \Phi_{12}^3\ \Phi_6^3$
164541	1992	1701	$\frac{4}{81}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{77}{243}$	$\Phi_{1701}^2\ \Phi_{63}\ \Phi_{21}$
164542	1992	3876	$\frac{1}{19}$	$\frac{18}{323}$	$\frac{1}{4}$	$\frac{305}{969}$	$\Phi_{3876}\ \Phi_{1938}\ \Phi_{228}\ \Phi_{204}\ \Phi_{114}\ \Phi_{102}\ \Phi_{76}\ \Phi_{38}\ \Phi_{12}\ \Phi_6$
164543	1992	385	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{53}{385}$	$\frac{24}{77}$	$\Phi_{385}^6\ \Phi_{77}^2\ \Phi_{55}^6\ \Phi_{35}^6\ \Phi_{11}\ \Phi_7^2\ \Phi_5^6\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164544	1992	600	$\frac{1}{25}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{37}{120}$	$\Phi_{600}^{5}\ \Phi_{300}^{5}\ \Phi_{150}^{5}\ \Phi_{120}^{4}\ \Phi_{100}\ \Phi_{75}^{5}\ \Phi_{60}^{4}\ \Phi_{50}\ \Phi_{30}^{4}\ \Phi_{24}^{4}\ \Phi_{20}\ \Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}\ \Phi_{6}^{4}\ \Phi_{3}^{4}$
164545	1992	360	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{37}{120}$	$\Phi_{360}^{6}\ \Phi_{180}^{6}\ \Phi_{120}^{3}\ \Phi_{90}^{7}\ \Phi_{72}^{6}\ \Phi_{60}^{3}\ \Phi_{45}^{7}\ \Phi_{40}^{6}\ \Phi_{36}^{6}\ \Phi_{30}^{4}\ \Phi_{24}^{3}\ \Phi_{20}^{6}\ \Phi_{18}^{7}\ \Phi_{15}^{4}\ \Phi_{12}^{3}\ \Phi_{10}^{6}\ \Phi_{9}^{6}\ \Phi_{8}^{6}\ \Phi_{6}^{4}\ \Phi_{5}^{6}\ \Phi_{4}^{6}\ \Phi_{3}^{3}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
164546	1992	2700	$\frac{1}{25}$	$\frac{1}{12}$	$\frac{25}{108}$	$\frac{11}{36}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{675}\ \Phi_{540}\ \Phi_{300}\ \Phi_{270}\ \Phi_{150}\ \Phi_{135}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
164547	1992	181	$\frac{15}{181}$	$\frac{16}{181}$	$\frac{21}{181}$	$\frac{55}{181}$	$\Phi_{181}^{11}\ \Phi_{1}^{12}$
164548	1992	90	$\frac{7}{90}$	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{3}{10}$	$\Phi_{90}^{22}\ \Phi_{45}^{22}\ \Phi_{30}^{22}\ \Phi_{18}^{22}\ \Phi_{15}^{22}\ \Phi_{10}^{24}\ \Phi_{9}^{21}\ \Phi_{6}^{22}\ \Phi_{5}^{24}\ \Phi_{3}^{21}\ \Phi_{2}^{24}\ \Phi_{1}^{24}$
164549	1992	3780	$\frac{1}{35}$	$\frac{34}{315}$	$\frac{1}{4}$	$\frac{281}{945}$	$\Phi_{3780}\ \Phi_{1890}\ \Phi_{756}\ \Phi_{540}\ \Phi_{378}\ \Phi_{270}\ \Phi_{140}\ \Phi_{108}\ \Phi_{70}\ \Phi_{54}\ \Phi_{28}\ \Phi_{20}\ \Phi_{14}\ \Phi_{10}$
164550	1992	2457	$\frac{19}{351}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{27}$	$\Phi_{2457}\ \Phi_{819}\ \Phi_{273}\ \Phi_{91}\ \Phi_{63}\ \Phi_{21}$
164551	1992	231	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{12}{77}$	$\frac{65}{231}$	$\Phi_{231}^{12}\ \Phi_{77}^{2}\ \Phi_{33}^{12}\ \Phi_{21}^{12}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{3}^{12}\ \Phi_{1}^{2}$
164552	1992	110	$\frac{1}{55}$	$\frac{2}{11}$	$\frac{27}{110}$	$\frac{3}{11}$	$\Phi_{110}^{24}\ \Phi_{55}^{12}\ \Phi_{22}^{24}\ \Phi_{11}^{13}\ \Phi_{10}^{24}\ \Phi_{5}^{12}\ \Phi_{2}^{24}\ \Phi_{1}^{14}$
164553	1992	935	$\frac{2}{85}$	$\frac{2}{11}$	$\frac{1}{5}$	$\frac{3}{11}$	$\Phi_{935}^{2}\ \Phi_{187}^{2}\ \Phi_{85}^{4}\ \Phi_{55}\ \Phi_{17}^{4}\ \Phi_{11}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{4}$
164554	1992	99	$\frac{1}{33}$	$\frac{16}{99}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{99}^{24}\ \Phi_{33}^{12}\ \Phi_{11}^{13}\ \Phi_{9}^{24}\ \Phi_{3}^{12}\ \Phi_{1}^{14}$
164555	1992	88	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{88}^{24}\ \Phi_{44}^{24}\ \Phi_{22}^{24}\ \Phi_{11}^{13}\ \Phi_{8}^{24}\ \Phi_{4}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{14}$
164556	1992	990	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{2}{11}$	$\frac{3}{11}$	$\Phi_{990}^{2}\ \Phi_{495}^{2}\ \Phi_{330}^{2}\ \Phi_{198}^{2}\ \Phi_{165}\ \Phi_{110}^{2}\ \Phi_{99}^{2}\ \Phi_{90}^{4}\ \Phi_{66}^{2}\ \Phi_{55}\ \Phi_{45}^{4}\ \Phi_{33}\ \Phi_{30}^{4}\ \Phi_{22}^{2}\ \Phi_{18}^{4}\ \Phi_{15}^{2}\ \Phi_{11}^{2}\ \Phi_{10}^{4}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{2}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
164557	1992	2700	$\frac{11}{675}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{4}{15}$	$\Phi_{2700}\ \Phi_{1350}\ \Phi_{900}\ \Phi_{540}\ \Phi_{450}\ \Phi_{300}\ \Phi_{270}\ \Phi_{180}\ \Phi_{150}\ \Phi_{108}\ \Phi_{100}\ \Phi_{90}\ \Phi_{54}\ \Phi_{50}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{10}$
164558	1992	181	$\frac{9}{181}$	$\frac{15}{181}$	$\frac{43}{181}$	$\frac{46}{181}$	$\Phi_{181}^{11}\ \Phi_{1}^{12}$
164559	1992	777	$\frac{1}{37}$	$\frac{1}{7}$	$\frac{9}{37}$	$\frac{28}{111}$	$\Phi_{777}^{4}\ \Phi_{259}\ \Phi_{21}^{4}$
164560	1992	220	$\frac{1}{55}$	$\frac{1}{5}$	$\frac{27}{110}$	$\frac{1}{4}$	$\Phi_{220}^{12}\ \Phi_{110}^{4}\ \Phi_{55}^{8}\ \Phi_{44}^{12}\ \Phi_{22}^{4}\ \Phi_{20}^{13}\ \Phi_{11}^{8}\ \Phi_{10}^{5}\ \Phi_{5}^{8}\ \Phi_{4}^{12}\ \Phi_{2}^{4}\ \Phi_{1}^{8}$
164561	1992	684	$\frac{5}{171}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{4}$	$\Phi_{684}^{4}\ \Phi_{342}^{4}\ \Phi_{228}^{4}\ \Phi_{114}^{4}\ \Phi_{76}^{3}\ \Phi_{38}^{3}\ \Phi_{36}^{4}\ \Phi_{18}^{4}\ \Phi_{12}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
164562	1992	420	$\frac{1}{35}$	$\frac{17}{105}$	$\frac{22}{105}$	$\frac{1}{4}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{140}^{7}\ \Phi_{84}^{6}\ \Phi_{70}^{7}\ \Phi_{60}^{6}\ \Phi_{42}^{6}\ \Phi_{30}^{6}\ \Phi_{28}^{7}\ \Phi_{20}^{7}\ \Phi_{14}^{7}\ \Phi_{12}^{6}\ \Phi_{10}^{7}\ \Phi_{6}^{6}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
164563	1992	340	$\frac{2}{85}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{340}^{8}\ \Phi_{170}^{8}\ \Phi_{68}^{8}\ \Phi_{34}^{8}\ \Phi_{20}^{5}\ \Phi_{10}^{5}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
164564	1992	3300	$\frac{4}{165}$	$\frac{161}{825}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{300}\ \Phi_{150}\ \Phi_{100}\ \Phi_{50}\ \Phi_{20}\ \Phi_{10}$
164565	1992	1980	$\frac{1}{33}$	$\frac{16}{99}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1980}^{2}\ \Phi_{990}^{2}\ \Phi_{660}\ \Phi_{330}\ \Phi_{220}\ \Phi_{180}^{2}\ \Phi_{110}\ \Phi_{90}^{2}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}^{2}\ \Phi_{10}^{2}$
164566	1992	1540	$\frac{2}{55}$	$\frac{53}{385}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1540}^{2}\ \Phi_{770}^{2}\ \Phi_{308}^{2}\ \Phi_{154}^{2}\ \Phi_{140}^{2}\ \Phi_{70}^{2}\ \Phi_{28}^{2}\ \Phi_{20}\ \Phi_{14}^{2}\ \Phi_{10}$
164567	1992	1380	$\frac{13}{345}$	$\frac{2}{15}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{1380}^{2}\ \Phi_{690}^{2}\ \Phi_{460}^{2}\ \Phi_{276}^{2}\ \Phi_{230}^{2}\ \Phi_{138}^{2}\ \Phi_{92}^{2}\ \Phi_{46}^{2}\ \Phi_{20}\ \Phi_{10}$
164568	1992	440	$\frac{5}{88}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{440}^{6}\ \Phi_{220}^{5}\ \Phi_{110}^{5}\ \Phi_{55}^{6}\ \Phi_{40}^{6}\ \Phi_{20}^{6}\ \Phi_{10}^{6}\ \Phi_{5}^{6}$
164569	1992	180	$\frac{1}{15}$	$\frac{7}{90}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{180}^{16}\ \Phi_{90}^{8}\ \Phi_{60}^{12}\ \Phi_{45}^{8}\ \Phi_{36}^{16}\ \Phi_{30}^{4}\ \Phi_{20}^{13}\ \Phi_{18}^{8}\ \Phi_{15}^{8}\ \Phi_{12}^{12}\ \Phi_{10}^{5}\ \Phi_{9}^{8}\ \Phi_{6}^{4}\ \Phi_{5}^{8}\ \Phi_{4}^{12}\ \Phi_{3}^{8}\ \Phi_{2}^{4}\ \Phi_{1}^{8}$
164570	1992	2860	$\frac{51}{715}$	$\frac{4}{55}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2860}\ \Phi_{1430}\ \Phi_{572}\ \Phi_{286}\ \Phi_{260}\ \Phi_{130}\ \Phi_{52}\ \Phi_{26}\ \Phi_{20}\ \Phi_{10}$
164571	1992	2400	$\frac{1}{25}$	$\frac{13}{96}$	$\frac{3}{16}$	$\frac{1}{4}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{480}\ \Phi_{300}\ \Phi_{240}\ \Phi_{160}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
164572	1992	100	$\frac{1}{25}$	$\frac{3}{20}$	$\frac{17}{100}$	$\frac{1}{4}$	$\Phi_{100}^{20}\ \Phi_{50}^{20}\ \Phi_{25}^{19}\ \Phi_{20}^{21}\ \Phi_{10}^{21}\ \Phi_{5}^{20}\ \Phi_{4}^{20}\ \Phi_{2}^{20}\ \Phi_{1}^{20}$
164573	1992	380	$\frac{7}{95}$	$\frac{11}{95}$	$\frac{12}{95}$	$\frac{1}{4}$	$\Phi_{380}^{7}\ \Phi_{190}^{7}\ \Phi_{76}^{7}\ \Phi_{38}^{7}\ \Phi_{20}^{7}\ \Phi_{10}^{7}\ \Phi_{4}^{6}\ \Phi_{2}^{6}$
164574	1992	308	$\frac{5}{77}$	$\frac{1}{11}$	$\frac{59}{308}$	$\frac{18}{77}$	$\Phi_{308}^{8}\ \Phi_{154}^{8}\ \Phi_{77}^{2}\ \Phi_{44}^{8}\ \Phi_{28}^{8}\ \Phi_{22}^{8}\ \Phi_{14}^{8}\ \Phi_{11}\ \Phi_{7}^{2}\ \Phi_{4}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{2}$
164575	1992	756	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{25}{108}$	$\Phi_{756}^{4}\ \Phi_{378}^{4}\ \Phi_{252}^{4}\ \Phi_{126}^{4}\ \Phi_{84}^{4}\ \Phi_{63}\ \Phi_{42}^{4}\ \Phi_{28}^{4}\ \Phi_{21}\ \Phi_{14}^{4}$
164576	1992	2520	$\frac{1}{10}$	$\frac{31}{280}$	$\frac{1}{9}$	$\frac{9}{40}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{420}\ \Phi_{315}\ \Phi_{252}\ \Phi_{210}\ \Phi_{168}\ \Phi_{126}\ \Phi_{105}\ \Phi_{90}\ \Phi_{84}\ \Phi_{63}\ \Phi_{45}\ \Phi_{42}\ \Phi_{30}\ \Phi_{21}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
164577	1992	630	$\frac{7}{90}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{2}{9}$	$\Phi_{630}^{4}\ \Phi_{315}^{4}\ \Phi_{210}^{4}\ \Phi_{126}^{4}\ \Phi_{105}^{4}\ \Phi_{70}^{4}\ \Phi_{63}\ \Phi_{42}^{4}\ \Phi_{35}^{4}\ \Phi_{21}\ \Phi_{14}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164578	1992	2880	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{9}{80}$	$\frac{71}{320}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{960}\ \Phi_{576}\ \Phi_{480}\ \Phi_{288}\ \Phi_{192}\ \Phi_{96}\ \Phi_{90}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
164579	1992	181	$\frac{15}{181}$	$\frac{16}{181}$	$\frac{33}{181}$	$\frac{37}{181}$	$\Phi_{181}^{11}\ \Phi_{1}^{12}$
164580	1992	2520	$\frac{31}{280}$	$\frac{1}{9}$	$\frac{4}{35}$	$\frac{1}{5}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{252}\ \Phi_{210}\ \Phi_{180}\ \Phi_{168}\ \Phi_{126}\ \Phi_{120}\ \Phi_{90}\ \Phi_{84}\ \Phi_{72}\ \Phi_{60}\ \Phi_{45}\ \Phi_{42}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{18}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
164581	1992	2835	$\frac{8}{81}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{73}{405}$	$\Phi_{2835}\ \Phi_{945}\ \Phi_{315}\ \Phi_{105}\ \Phi_{63}\ \Phi_{35}\ \Phi_{21}$
164582	1992	385	$\frac{1}{11}$	$\frac{10}{77}$	$\frac{53}{385}$	$\frac{67}{385}$	$\Phi_{385}^{5}\ \Phi_{77}^{6}\ \Phi_{55}^{5}\ \Phi_{35}^{5}\ \Phi_{11}^{5}\ \Phi_{7}^{6}\ \Phi_{5}^{5}\ \Phi_{1}^{6}$
164583	1992	181	$\frac{15}{181}$	$\frac{25}{181}$	$\frac{26}{181}$	$\frac{31}{181}$	$\Phi_{181}^{11}\ \Phi_{1}^{12}$
164584	1992	900	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{3}{20}$	$\frac{17}{100}$	$\Phi_{900}^{3}\ \Phi_{450}^{3}\ \Phi_{300}^{3}\ \Phi_{225}^{3}\ \Phi_{150}^{3}\ \Phi_{90}\ \Phi_{75}^{3}\ \Phi_{45}\ \Phi_{30}\ \Phi_{18}\ \Phi_{15}\ \Phi_{6}$
164585	1992	189	$\frac{1}{9}$	$\frac{23}{189}$	$\frac{1}{7}$	$\frac{4}{27}$	$\Phi_{189}^{10}\ \Phi_{63}^{11}\ \Phi_{27}^{12}\ \Phi_{21}^{11}\ \Phi_{9}^{12}\ \Phi_{7}^{10}\ \Phi_{3}^{12}\ \Phi_{1}^{12}$
164586	1993	3968	$\frac{9}{1984}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1975}{3968}$	$\Phi_{3968}\ \Phi_{128}\ \Phi_{16}\ \Phi_{1}$
164587	1993	2394	$\frac{2}{399}$	$\frac{401}{2394}$	$\frac{1}{3}$	$\frac{397}{798}$	$\Phi_{2394}\ \Phi_{1197}\ \Phi_{399}\ \Phi_{342}\ \Phi_{171}\ \Phi_{133}\ \Phi_{126}\ \Phi_{63}\ \Phi_{57}\ \Phi_{21}\ \Phi_{19}\ \Phi_{18}\ \Phi_{9}\ \Phi_{7}\ \Phi_{1}$
164588	1993	3960	$\frac{13}{1980}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{1967}{3960}$	$\Phi_{3960}\ \Phi_{1320}\ \Phi_{792}\ \Phi_{440}\ \Phi_{360}\ \Phi_{264}\ \Phi_{120}\ \Phi_{88}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
164589	1993	3960	$\frac{13}{1980}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{1967}{3960}$	$\Phi_{3960}\ \Phi_{1320}\ \Phi_{792}\ \Phi_{440}\ \Phi_{360}\ \Phi_{264}\ \Phi_{120}\ \Phi_{88}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
164590	1993	2280	$\frac{2}{285}$	$\frac{287}{2280}$	$\frac{1}{3}$	$\frac{283}{570}$	$\Phi_{2280}\ \Phi_{1140}\ \Phi_{760}\ \Phi_{456}\ \Phi_{380}\ \Phi_{285}\ \Phi_{228}\ \Phi_{152}\ \Phi_{120}\ \Phi_{95}\ \Phi_{76}\ \Phi_{60}\ \Phi_{57}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{19}\ \Phi_{15}\ \Phi_{12}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
164591	1993	2664	$\frac{5}{666}$	$\frac{1}{6}$	$\frac{671}{2664}$	$\frac{661}{1332}$	$\Phi_{2664}\ \Phi_{888}\ \Phi_{666}\ \Phi_{333}\ \Phi_{296}\ \Phi_{222}\ \Phi_{111}\ \Phi_{74}\ \Phi_{72}\ \Phi_{37}\ \Phi_{24}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{1}$
164592	1993	3948	$\frac{19}{1974}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{1955}{3948}$	$\Phi_{3948}\ \Phi_{1316}\ \Phi_{564}\ \Phi_{188}\ \Phi_{84}\ \Phi_{28}\ \Phi_{21}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
164593	1993	3936	$\frac{25}{1968}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{1943}{3936}$	$\Phi_{3936}\ \Phi_{1312}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
164594	1993	3920	$\frac{33}{1960}$	$\frac{1}{8}$	$\frac{7}{40}$	$\frac{1927}{3920}$	$\Phi_{3920}\ \Phi_{784}\ \Phi_{560}\ \Phi_{112}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
164595	1993	2400	$\frac{7}{400}$	$\frac{1}{8}$	$\frac{407}{2400}$	$\frac{393}{800}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{96}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
164596	1993	2100	$\frac{2}{105}$	$\frac{107}{2100}$	$\frac{1}{3}$	$\frac{103}{210}$	$\Phi_{2100}\ \Phi_{1050}\ \Phi_{700}\ \Phi_{525}\ \Phi_{420}\ \Phi_{350}\ \Phi_{300}\ \Phi_{175}\ \Phi_{150}\ \Phi_{140}\ \Phi_{105}\ \Phi_{100}\ \Phi_{84}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{35}\ \Phi_{28}\ \Phi_{25}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
164597	1993	2220	$\frac{5}{222}$	$\frac{227}{2220}$	$\frac{1}{6}$	$\frac{217}{444}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{740}\ \Phi_{555}\ \Phi_{370}\ \Phi_{222}\ \Phi_{185}\ \Phi_{111}\ \Phi_{74}\ \Phi_{60}\ \Phi_{37}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
164598	1993	3888	$\frac{49}{1944}$	$\frac{1}{24}$	$\frac{23}{72}$	$\frac{1895}{3888}$	$\Phi_{3888}\ \Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
164599	1993	3888	$\frac{49}{1944}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{1895}{3888}$	$\Phi_{3888}\ \Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{54}\ \Phi_{48}\ \Phi_{27}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
164600	1993	3876	$\frac{55}{1938}$	$\frac{2}{57}$	$\frac{1}{3}$	$\frac{1883}{3876}$	$\Phi_{3876}\ \Phi_{1292}\ \Phi_{228}\ \Phi_{204}\ \Phi_{76}\ \Phi_{68}\ \Phi_{57}\ \Phi_{19}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
164601	1993	2688	$\frac{23}{672}$	$\frac{1}{24}$	$\frac{695}{2688}$	$\frac{649}{1344}$	$\Phi_{2688}\ \Phi_{896}\ \Phi_{672}\ \Phi_{384}\ \Phi_{336}\ \Phi_{224}\ \Phi_{168}\ \Phi_{128}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
164602	1993	2052	$\frac{59}{2052}$	$\frac{2}{57}$	$\frac{1}{3}$	$\frac{55}{114}$	$\Phi_{2052}\ \Phi_{1026}\ \Phi_{684}\ \Phi_{513}\ \Phi_{342}\ \Phi_{228}\ \Phi_{171}\ \Phi_{108}\ \Phi_{76}\ \Phi_{57}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{19}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
164603	1993	3840	$\frac{73}{1920}$	$\frac{1}{24}$	$\frac{23}{96}$	$\frac{1847}{3840}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{256}\ \Phi_{96}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
164604	1993	3840	$\frac{73}{1920}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{1847}{3840}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{256}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
164605	1993	3780	$\frac{2}{105}$	$\frac{103}{1890}$	$\frac{1}{3}$	$\frac{1787}{3780}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{108}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{36}\ \Phi_{35}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_{7}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
164606	1993	3744	$\frac{1}{24}$	$\frac{121}{1872}$	$\frac{23}{144}$	$\frac{1751}{3744}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$
164607	1993	3696	$\frac{1}{24}$	$\frac{145}{1848}$	$\frac{23}{168}$	$\frac{1703}{3696}$	$\Phi_{3696}\ \Phi_{1232}\ \Phi_{528}\ \Phi_{336}\ \Phi_{176}\ \Phi_{168}\ \Phi_{112}\ \Phi_{84}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
164608	1993	2304	$\frac{1}{24}$	$\frac{23}{288}$	$\frac{311}{2304}$	$\frac{265}{576}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{18}\ \Phi_{16}\ \Phi_{9}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164609	1993	2080	$\frac{87}{2080}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{160}$	Φ_{2080} Φ_{1040} Φ_{520} Φ_{416} Φ_{260} Φ_{208} Φ_{130} Φ_{104} Φ_{80} Φ_{65} Φ_{52} Φ_{40} Φ_{26} Φ_{20} Φ_{16} Φ_{13} Φ_{10} Φ_5 Φ_1
164610	1993	2052	$\frac{59}{2052}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{108}$	Φ_{2052} Φ_{1026} Φ_{684} Φ_{513} Φ_{342} Φ_{228} Φ_{171} Φ_{114} Φ_{76} Φ_{57} Φ_{54} Φ_{38} Φ_{27} Φ_{19} Φ_{18} Φ_9 Φ_1
164611	1993	2016	$\frac{23}{2016}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{19}{42}$	Φ_{2016} Φ_{1008} Φ_{672} Φ_{504} Φ_{336} Φ_{288} Φ_{252} Φ_{224} Φ_{168} Φ_{144} Φ_{126} Φ_{112} Φ_{96} Φ_{84} Φ_{72} Φ_{63} Φ_{56} Φ_{48} Φ_{36} Φ_{32} Φ_{28} Φ_{24} Φ_{21} Φ_{18} Φ_{16} Φ_{12} Φ_9 Φ_8 Φ_7 Φ_4 Φ_1
164612	1993	3600	$\frac{7}{200}$	$\frac{193}{1800}$	$\frac{1}{8}$	$\frac{1607}{3600}$	Φ_{3600} Φ_{1200} Φ_{720} Φ_{400} Φ_{240} Φ_{200} Φ_{144} Φ_{100} Φ_{80} Φ_{50} Φ_{48} Φ_{40} Φ_{25} Φ_{20} Φ_{16} Φ_{10} Φ_5 Φ_1
164613	1993	3552	$\frac{5}{222}$	$\frac{217}{1776}$	$\frac{1}{6}$	$\frac{1559}{3552}$	Φ_{3552} Φ_{1184} Φ_{222} Φ_{111} Φ_{96} Φ_{74} Φ_{37} Φ_{32} Φ_1
164614	1993	2976	$\frac{9}{992}$	$\frac{1}{8}$	$\frac{983}{2976}$	$\frac{7}{16}$	Φ_{2976} Φ_{1488} Φ_{744} Φ_{372} Φ_{186} Φ_{96} Φ_{93} Φ_{48} Φ_{24} Φ_{16} Φ_{12} Φ_6 Φ_3 Φ_1
164615	1993	2016	$\frac{23}{2016}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{7}{16}$	Φ_{2016} Φ_{1008} Φ_{672} Φ_{504} Φ_{336} Φ_{288} Φ_{252} Φ_{224} Φ_{168} Φ_{144} Φ_{126} Φ_{112} Φ_{96} Φ_{84} Φ_{72} Φ_{63} Φ_{56} Φ_{48} Φ_{42} Φ_{36} Φ_{28} Φ_{24} Φ_{21} Φ_{18} Φ_{16} Φ_{14} Φ_{12} Φ_9 Φ_7 Φ_6 Φ_3 Φ_1
164616	1993	2480	$\frac{9}{496}$	$\frac{1}{8}$	$\frac{487}{2480}$	$\frac{7}{16}$	Φ_{2480} Φ_{1240} Φ_{620} Φ_{310} Φ_{155} Φ_{80} Φ_{40} Φ_{20} Φ_{16} Φ_{10} Φ_5 Φ_1
164617	1993	2048	$\frac{55}{2048}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{7}{16}$	Φ_{2048} Φ_{1024} Φ_{512} Φ_{256} Φ_{128} Φ_{16} Φ_1
164618	1993	2010	$\frac{17}{2010}$	$\frac{2}{15}$	$\frac{1}{3}$	$\frac{13}{30}$	Φ_{2010} Φ_{1005} Φ_{670} Φ_{402} Φ_{335} Φ_{201} Φ_{134} Φ_{67} Φ_{15} Φ_5 Φ_1
164619	1993	3456	$\frac{1}{24}$	$\frac{23}{288}$	$\frac{265}{1728}$	$\frac{1463}{3456}$	Φ_{3456} Φ_{1152} Φ_{384} Φ_{288} Φ_{144} Φ_{128} Φ_{96} Φ_{72} Φ_{48} Φ_{36} Φ_{32} Φ_{18} Φ_{16} Φ_9 Φ_1
164620	1993	3420	$\frac{2}{285}$	$\frac{283}{1710}$	$\frac{1}{3}$	$\frac{1427}{3420}$	Φ_{3420} Φ_{1140} Φ_{684} Φ_{380} Φ_{285} Φ_{228} Φ_{180} Φ_{95} Φ_{76} Φ_{60} Φ_{57} Φ_{36} Φ_{20} Φ_{19} Φ_{15} Φ_{12} Φ_5 Φ_4 Φ_1
164621	1993	3360	$\frac{1}{24}$	$\frac{23}{336}$	$\frac{313}{1680}$	$\frac{1367}{3360}$	Φ_{3360} Φ_{1120} Φ_{672} Φ_{480} Φ_{336} Φ_{224} Φ_{168} Φ_{160} Φ_{112} Φ_{96} Φ_{84} Φ_{56} Φ_{48} Φ_{42} Φ_{32} Φ_{28} Φ_{21} Φ_{16} Φ_{14} Φ_7 Φ_1
164622	1993	2490	$\frac{1}{83}$	$\frac{82}{415}$	$\frac{497}{2490}$	$\frac{333}{830}$	Φ_{2490} Φ_{1245} Φ_{498} Φ_{415} Φ_{249} Φ_{30} Φ_{15} Φ_6 Φ_5 Φ_3 Φ_1
164623	1993	3320	$\frac{1}{83}$	$\frac{82}{415}$	$\frac{333}{1660}$	$\frac{1327}{3320}$	Φ_{3320} Φ_{664} Φ_{415} Φ_{40} Φ_8 Φ_5 Φ_1
164624	1993	2112	$\frac{1}{24}$	$\frac{119}{2112}$	$\frac{23}{96}$	$\frac{73}{192}$	Φ_{2112} Φ_{1056} Φ_{704} Φ_{528} Φ_{352} Φ_{264} Φ_{176} Φ_{132} Φ_{96} Φ_{88} Φ_{66} Φ_{48} Φ_{44} Φ_{33} Φ_{32} Φ_{22} Φ_{16} Φ_{11} Φ_1
164625	1993	3200	$\frac{7}{400}$	$\frac{1}{8}$	$\frac{393}{1600}$	$\frac{1207}{3200}$	Φ_{3200} Φ_{640} Φ_{400} Φ_{200} Φ_{128} Φ_{100} Φ_{80} Φ_{50} Φ_{40} Φ_{25} Φ_{20} Φ_{16} Φ_{10} Φ_5 Φ_1
164626	1993	3192	$\frac{2}{399}$	$\frac{397}{1596}$	$\frac{1}{3}$	$\frac{1199}{3192}$	Φ_{3192} Φ_{1064} Φ_{456} Φ_{399} Φ_{168} Φ_{152} Φ_{133} Φ_{57} Φ_{56} Φ_{24} Φ_{21} Φ_{19} Φ_8 Φ_7 Φ_1
164627	1993	2016	$\frac{23}{2016}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{13}{36}$	Φ_{2016} Φ_{1008} Φ_{672} Φ_{504} Φ_{336} Φ_{288} Φ_{252} Φ_{224} Φ_{168} Φ_{144} Φ_{126} Φ_{112} Φ_{96} Φ_{84} Φ_{72} Φ_{63} Φ_{56} Φ_{48} Φ_{42} Φ_{32} Φ_{28} Φ_{24} Φ_{21} Φ_{18} Φ_{16} Φ_{14} Φ_9 Φ_8 Φ_7 Φ_1
164628	1993	3024	$\frac{1}{24}$	$\frac{23}{504}$	$\frac{481}{1512}$	$\frac{1031}{3024}$	Φ_{3024} Φ_{1008} Φ_{504} Φ_{432} Φ_{336} Φ_{252} Φ_{168} Φ_{144} Φ_{126} Φ_{112} Φ_{84} Φ_{72} Φ_{63} Φ_{56} Φ_{48} Φ_{42} Φ_{36} Φ_{28} Φ_{21} Φ_{18} Φ_{16} Φ_{14} Φ_9 Φ_7 Φ_1
164629	1993	2988	$\frac{1}{249}$	$\frac{248}{747}$	$\frac{995}{2988}$	$\frac{499}{1494}$	Φ_{2988} Φ_{996} Φ_{747} Φ_{332} Φ_{36} Φ_{12} Φ_9 Φ_4 Φ_1
164630	1993	2565	$\frac{2}{285}$	$\frac{572}{2565}$	$\frac{283}{855}$	$\frac{1}{3}$	Φ_{2565} Φ_{513} Φ_{285} Φ_{135} Φ_{95} Φ_{57} Φ_{27} Φ_{19} Φ_{15} Φ_5 Φ_1
164631	1993	2970	$\frac{13}{990}$	$\frac{2}{15}$	$\frac{977}{2970}$	$\frac{1}{3}$	Φ_{2970} Φ_{1485} Φ_{594} Φ_{297} Φ_{270} Φ_{135} Φ_{54} Φ_{27} Φ_{15} Φ_5 Φ_1
164632	1993	2205	$\frac{2}{105}$	$\frac{212}{2205}$	$\frac{103}{315}$	$\frac{1}{3}$	Φ_{2205} Φ_{735} Φ_{441} Φ_{245} Φ_{147} Φ_{105} Φ_{49} Φ_{35} Φ_{21} Φ_{15} Φ_7 Φ_5 Φ_1
164633	1993	2961	$\frac{19}{987}$	$\frac{2}{21}$	$\frac{968}{2961}$	$\frac{1}{3}$	Φ_{2961} Φ_{423} Φ_{63} Φ_{21} Φ_9 Φ_7 Φ_1
164634	1993	2907	$\frac{2}{57}$	$\frac{55}{969}$	$\frac{914}{2907}$	$\frac{1}{3}$	Φ_{2907} Φ_{171} Φ_{153} Φ_{57} Φ_{19} Φ_9 Φ_1
164635	1993	2835	$\frac{2}{105}$	$\frac{103}{945}$	$\frac{842}{2835}$	$\frac{1}{3}$	Φ_{2835} Φ_{567} Φ_{405} Φ_{105} Φ_{81} Φ_{35} Φ_{21} Φ_{15} Φ_7 Φ_5 Φ_1
164636	1993	2025	$\frac{32}{2025}$	$\frac{2}{15}$	$\frac{13}{45}$	$\frac{1}{3}$	Φ_{2025} Φ_{675} Φ_{405} Φ_{225} Φ_{135} Φ_{81} Φ_{75} Φ_{27} Φ_{25} Φ_{15} Φ_5 Φ_1
164637	1993	2640	$\frac{13}{660}$	$\frac{2}{15}$	$\frac{647}{2640}$	$\frac{1}{3}$	Φ_{2640} Φ_{1320} Φ_{880} Φ_{528} Φ_{440} Φ_{264} Φ_{240} Φ_{176} Φ_{120} Φ_{88} Φ_{80} Φ_{48} Φ_{40} Φ_{24} Φ_{16} Φ_{15} Φ_8 Φ_5 Φ_1
164638	1993	2040	$\frac{47}{2040}$	$\frac{2}{15}$	$\frac{13}{60}$	$\frac{1}{3}$	Φ_{2040} Φ_{1020} Φ_{680} Φ_{510} Φ_{408} Φ_{340} Φ_{255} Φ_{204} Φ_{170} Φ_{136} Φ_{120} Φ_{102} Φ_{85} Φ_{68} Φ_{51} Φ_{40} Φ_{34} Φ_{24} Φ_{17} Φ_{15} Φ_8 Φ_5 Φ_1

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164639	1993	2520	$\frac{2}{105}$	$\frac{103}{630}$	$\frac{527}{2520}$	$\frac{1}{3}$	Φ_{2520} Φ_{1260} Φ_{840} Φ_{504} Φ_{420} Φ_{360} Φ_{280} Φ_{252} Φ_{180} Φ_{168} Φ_{140} Φ_{120} Φ_{105} Φ_{84} Φ_{72} Φ_{60} Φ_{56} Φ_{40} Φ_{36} Φ_{35} Φ_{28} Φ_{24} Φ_{21} Φ_{20} Φ_{15} Φ_{12} Φ_{8} Φ_{7} Φ_{5} Φ_{4} Φ_{1}
164640	1993	2475	$\frac{13}{495}$	$\frac{2}{15}$	$\frac{482}{2475}$	$\frac{1}{3}$	Φ_{2475} Φ_{825} Φ_{275} Φ_{225} Φ_{75} Φ_{25} Φ_{15} Φ_{5} Φ_{1}
164641	1993	2070	$\frac{77}{2070}$	$\frac{2}{15}$	$\frac{13}{90}$	$\frac{1}{3}$	Φ_{2070} Φ_{1035} Φ_{690} Φ_{414} Φ_{345} Φ_{230} Φ_{207} Φ_{138} Φ_{115} Φ_{69} Φ_{46} Φ_{23} Φ_{15} Φ_{5} Φ_{1}
164642	1993	2310	$\frac{13}{330}$	$\frac{2}{15}$	$\frac{317}{2310}$	$\frac{1}{3}$	Φ_{2310} Φ_{1155} Φ_{770} Φ_{462} Φ_{385} Φ_{231} Φ_{210} Φ_{154} Φ_{105} Φ_{77} Φ_{70} Φ_{42} Φ_{35} Φ_{21} Φ_{15} Φ_{14} Φ_{7} Φ_{5} Φ_{1}
164643	1993	2145	$\frac{152}{2145}$	$\frac{13}{165}$	$\frac{2}{15}$	$\frac{1}{3}$	Φ_{2145} Φ_{715} Φ_{429} Φ_{195} Φ_{143} Φ_{65} Φ_{39} Φ_{15} Φ_{13} Φ_{5} Φ_{1}
164644	1993	2160	$\frac{13}{180}$	$\frac{167}{2160}$	$\frac{2}{15}$	$\frac{1}{3}$	Φ_{2160} Φ_{1080} Φ_{720} Φ_{540} Φ_{432} Φ_{360} Φ_{270} Φ_{240} Φ_{216} Φ_{144} Φ_{135} Φ_{120} Φ_{108} Φ_{80} Φ_{72} Φ_{54} Φ_{48} Φ_{40} Φ_{27} Φ_{24} Φ_{16} Φ_{15} Φ_{8} Φ_{5} Φ_{1}
164645	1993	2970	$\frac{13}{990}$	$\frac{1}{6}$	$\frac{5}{18}$	$\frac{977}{2970}$	Φ_{2970} Φ_{1485} Φ_{594} Φ_{297} Φ_{270} Φ_{135} Φ_{54} Φ_{27} Φ_{18} Φ_{9} Φ_{1}
164646	1993	2400	$\frac{7}{200}$	$\frac{1}{8}$	$\frac{407}{2400}$	$\frac{193}{600}$	Φ_{2400} Φ_{1200} Φ_{800} Φ_{480} Φ_{400} Φ_{240} Φ_{200} Φ_{160} Φ_{100} Φ_{96} Φ_{80} Φ_{50} Φ_{48} Φ_{40} Φ_{32} Φ_{25} Φ_{20} Φ_{16} Φ_{10} Φ_{5} Φ_{1}
164647	1993	2592	$\frac{1}{24}$	$\frac{49}{648}$	$\frac{599}{2592}$	$\frac{23}{72}$	Φ_{2592} Φ_{1296} Φ_{864} Φ_{432} Φ_{288} Φ_{144} Φ_{96} Φ_{72} Φ_{48} Φ_{36} Φ_{32} Φ_{18} Φ_{16} Φ_{9} Φ_{1}
164648	1993	2160	$\frac{1}{24}$	$\frac{167}{2160}$	$\frac{49}{216}$	$\frac{23}{72}$	Φ_{2160} Φ_{1080} Φ_{720} Φ_{540} Φ_{432} Φ_{360} Φ_{270} Φ_{240} Φ_{180} Φ_{144} Φ_{135} Φ_{120} Φ_{90} Φ_{80} Φ_{72} Φ_{60} Φ_{48} Φ_{45} Φ_{40} Φ_{36} Φ_{30} Φ_{20} Φ_{18} Φ_{16} Φ_{15} Φ_{10} Φ_{9} Φ_{5} Φ_{1}
164649	1993	2916	$\frac{49}{972}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{923}{2916}$	Φ_{2916} Φ_{1458} Φ_{729} Φ_{54} Φ_{27} Φ_{18} Φ_{9} Φ_{1}
164650	1993	2880	$\frac{1}{24}$	$\frac{73}{960}$	$\frac{23}{96}$	$\frac{887}{2880}$	Φ_{2880} Φ_{1440} Φ_{720} Φ_{576} Φ_{360} Φ_{288} Φ_{180} Φ_{144} Φ_{96} Φ_{90} Φ_{72} Φ_{48} Φ_{45} Φ_{36} Φ_{32} Φ_{18} Φ_{16} Φ_{9} Φ_{1}
164651	1993	2880	$\frac{73}{960}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{887}{2880}$	Φ_{2880} Φ_{1440} Φ_{720} Φ_{576} Φ_{360} Φ_{288} Φ_{180} Φ_{144} Φ_{90} Φ_{80} Φ_{72} Φ_{45} Φ_{40} Φ_{36} Φ_{20} Φ_{18} Φ_{16} Φ_{10} Φ_{9} Φ_{5} Φ_{1}
164652	1993	2592	$\frac{1}{24}$	$\frac{23}{288}$	$\frac{599}{2592}$	$\frac{265}{864}$	Φ_{2592} Φ_{1296} Φ_{648} Φ_{324} Φ_{288} Φ_{162} Φ_{144} Φ_{96} Φ_{81} Φ_{72} Φ_{48} Φ_{36} Φ_{32} Φ_{18} Φ_{16} Φ_{9} Φ_{1}
164653	1993	2160	$\frac{167}{2160}$	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{240}$	Φ_{2160} Φ_{1080} Φ_{720} Φ_{540} Φ_{432} Φ_{360} Φ_{270} Φ_{216} Φ_{180} Φ_{144} Φ_{135} Φ_{108} Φ_{90} Φ_{80} Φ_{72} Φ_{54} Φ_{45} Φ_{40} Φ_{36} Φ_{27} Φ_{20} Φ_{18} Φ_{16} Φ_{10} Φ_{9} Φ_{5} Φ_{1}
164654	1993	2106	$\frac{113}{2106}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{162}$	Φ_{2106} Φ_{1053} Φ_{702} Φ_{351} Φ_{234} Φ_{117} Φ_{78} Φ_{54} Φ_{39} Φ_{27} Φ_{26} Φ_{18} Φ_{13} Φ_{9} Φ_{1}
164655	1993	2376	$\frac{13}{396}$	$\frac{383}{2376}$	$\frac{1}{6}$	$\frac{5}{18}$	Φ_{2376} Φ_{1188} Φ_{792} Φ_{594} Φ_{297} Φ_{264} Φ_{216} Φ_{108} Φ_{88} Φ_{72} Φ_{54} Φ_{27} Φ_{24} Φ_{18} Φ_{9} Φ_{8} Φ_{1}
164656	1993	2070	$\frac{77}{2070}$	$\frac{13}{90}$	$\frac{1}{6}$	$\frac{5}{18}$	Φ_{2070} Φ_{1035} Φ_{690} Φ_{414} Φ_{345} Φ_{230} Φ_{207} Φ_{138} Φ_{115} Φ_{69} Φ_{46} Φ_{23} Φ_{18} Φ_{9} Φ_{1}
164657	1993	2178	$\frac{13}{198}$	$\frac{185}{2178}$	$\frac{1}{6}$	$\frac{5}{18}$	Φ_{2178} Φ_{1089} Φ_{726} Φ_{363} Φ_{242} Φ_{121} Φ_{18} Φ_{9} Φ_{1}
164658	1993	2160	$\frac{13}{180}$	$\frac{167}{2160}$	$\frac{1}{6}$	$\frac{5}{18}$	Φ_{2160} Φ_{1080} Φ_{720} Φ_{540} Φ_{432} Φ_{360} Φ_{270} Φ_{240} Φ_{216} Φ_{144} Φ_{135} Φ_{120} Φ_{108} Φ_{80} Φ_{72} Φ_{54} Φ_{48} Φ_{40} Φ_{27} Φ_{24} Φ_{18} Φ_{16} Φ_{9} Φ_{8} Φ_{1}
164659	1993	2664	$\frac{5}{222}$	$\frac{1}{6}$	$\frac{217}{888}$	$\frac{671}{2664}$	Φ_{2664} Φ_{1332} Φ_{666} Φ_{333} Φ_{222} Φ_{111} Φ_{74} Φ_{72} Φ_{37} Φ_{36} Φ_{18} Φ_{9} Φ_{1}
164660	1993	2304	$\frac{1}{24}$	$\frac{311}{2304}$	$\frac{73}{384}$	$\frac{23}{96}$	Φ_{2304} Φ_{1152} Φ_{768} Φ_{576} Φ_{288} Φ_{256} Φ_{144} Φ_{96} Φ_{72} Φ_{48} Φ_{36} Φ_{32} Φ_{18} Φ_{16} Φ_{9} Φ_{1}
164661	1993	2400	$\frac{1}{24}$	$\frac{73}{480}$	$\frac{407}{2400}$	$\frac{23}{96}$	Φ_{2400} Φ_{1200} Φ_{800} Φ_{600} Φ_{400} Φ_{300} Φ_{200} Φ_{150} Φ_{100} Φ_{96} Φ_{75} Φ_{50} Φ_{48} Φ_{32} Φ_{25} Φ_{16} Φ_{1}
164662	1993	2592	$\frac{49}{648}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{599}{2592}$	Φ_{2592} Φ_{1296} Φ_{864} Φ_{432} Φ_{288} Φ_{144} Φ_{96} Φ_{54} Φ_{48} Φ_{32} Φ_{27} Φ_{18} Φ_{16} Φ_{9} Φ_{1}
164663	1993	2240	$\frac{7}{80}$	$\frac{247}{2240}$	$\frac{1}{8}$	$\frac{73}{320}$	Φ_{2240} Φ_{1120} Φ_{560} Φ_{448} Φ_{280} Φ_{224} Φ_{140} Φ_{112} Φ_{80} Φ_{70} Φ_{56} Φ_{40} Φ_{35} Φ_{28} Φ_{20} Φ_{16} Φ_{14} Φ_{10} Φ_{7} Φ_{5} Φ_{1}
164664	1993	2160	$\frac{167}{2160}$	$\frac{5}{54}$	$\frac{1}{6}$	$\frac{49}{216}$	Φ_{2160} Φ_{1080} Φ_{720} Φ_{540} Φ_{432} Φ_{360} Φ_{270} Φ_{240} Φ_{180} Φ_{144} Φ_{135} Φ_{120} Φ_{90} Φ_{80} Φ_{60} Φ_{54} Φ_{48} Φ_{45} Φ_{40} Φ_{30} Φ_{27} Φ_{20} Φ_{18} Φ_{16} Φ_{15} Φ_{10} Φ_{9} Φ_{5} Φ_{1}
164665	1993	2560	$\frac{7}{80}$	$\frac{73}{640}$	$\frac{1}{8}$	$\frac{567}{2560}$	Φ_{2560} Φ_{1280} Φ_{512} Φ_{256} Φ_{80} Φ_{40} Φ_{20} Φ_{16} Φ_{10} Φ_{5} Φ_{1}
164666	1993	2430	$\frac{5}{54}$	$\frac{49}{486}$	$\frac{1}{6}$	$\frac{437}{2430}$	Φ_{2430} Φ_{1215} Φ_{810} Φ_{405} Φ_{270} Φ_{135} Φ_{90} Φ_{54} Φ_{45} Φ_{30} Φ_{27} Φ_{18} Φ_{15} Φ_{10} Φ_{9} Φ_{5} Φ_{1}

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164667	1993	2240	$\frac{247}{2240}$	$\frac{33}{280}$	$\frac{1}{8}$	$\frac{7}{40}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
164668	1993	2400	$\frac{7}{80}$	$\frac{1}{8}$	$\frac{73}{480}$	$\frac{407}{2400}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_5\ \Phi_1$
164669	1993	2268	$\frac{5}{54}$	$\frac{275}{2268}$	$\frac{49}{324}$	$\frac{1}{6}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{84}\ \Phi_{63}\ \Phi_{54}\ \Phi_{42}\ \Phi_{28}\ \Phi_{27}\ \Phi_{21}\ \Phi_{18}\ \Phi_{14}\ \Phi_9\ \Phi_7\ \Phi_1$
164670	1995	1592	$\frac{1}{398}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{397}{796}$	$\Phi_{1592}^2\ \Phi_{796}\ \Phi_8^3\ \Phi_4\ \Phi_1$
164671	1995	2652	$\frac{2}{663}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{661}{1326}$	$\Phi_{2652}\ \Phi_{884}\ \Phi_{663}\ \Phi_{221}\ \Phi_{204}\ \Phi_{156}\ \Phi_{68}\ \Phi_{52}\ \Phi_{51}\ \Phi_{39}\ \Phi_{17}\ \Phi_{13}\ \Phi_{12}^2\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
164672	1995	1704	$\frac{1}{284}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{283}{568}$	$\Phi_{1704}^2\ \Phi_{568}^3\ \Phi_{24}^2\ \Phi_{12}\ \Phi_8^3\ \Phi_4\ \Phi_1$
164673	1995	5112	$\frac{1}{284}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{283}{568}$	$\Phi_{5112}\ \Phi_{568}\ \Phi_{72}\ \Phi_9\ \Phi_8\ \Phi_1$
164674	1995	888	$\frac{1}{222}$	$\frac{1}{4}$	$\frac{223}{888}$	$\frac{221}{444}$	$\Phi_{888}^3\ \Phi_{444}^2\ \Phi_{296}^3\ \Phi_{222}\ \Phi_{148}^2\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{24}^3\ \Phi_{12}^2\ \Phi_8^3\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
164675	1995	1848	$\frac{1}{132}$	$\frac{1}{14}$	$\frac{13}{28}$	$\frac{131}{264}$	$\Phi_{1848}^2\ \Phi_{616}^2\ \Phi_{264}^3\ \Phi_{168}^2\ \Phi_{88}^3\ \Phi_{56}^2\ \Phi_{28}\ \Phi_{24}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
164676	1995	1848	$\frac{1}{132}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{131}{264}$	$\Phi_{1848}^2\ \Phi_{616}^2\ \Phi_{264}^3\ \Phi_{168}^2\ \Phi_{88}^3\ \Phi_{56}^2\ \Phi_{24}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
164677	1995	264	$\frac{1}{132}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{131}{264}$	$\Phi_{264}^{15}\ \Phi_{88}^{15}\ \Phi_{24}^{15}\ \Phi_{12}^2\ \Phi_8^{15}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
164678	1995	1872	$\frac{1}{104}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{103}{208}$	$\Phi_{1872}^2\ \Phi_{624}^2\ \Phi_{208}^3\ \Phi_{144}^2\ \Phi_{48}^2\ \Phi_{36}\ \Phi_{16}^3\ \Phi_{12}\ \Phi_4\ \Phi_1$
164679	1995	4368	$\frac{1}{104}$	$\frac{2}{21}$	$\frac{1}{3}$	$\frac{103}{208}$	$\Phi_{4368}\ \Phi_{1456}\ \Phi_{336}\ \Phi_{208}\ \Phi_{112}\ \Phi_{21}\ \Phi_{16}\ \Phi_7\ \Phi_1$
164680	1995	5616	$\frac{1}{104}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{103}{208}$	$\Phi_{5616}\ \Phi_{432}\ \Phi_{208}\ \Phi_{27}\ \Phi_{16}\ \Phi_1$
164681	1995	624	$\frac{1}{104}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{103}{208}$	$\Phi_{624}^6\ \Phi_{208}^7\ \Phi_{48}^6\ \Phi_{24}\ \Phi_{16}^7\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
164682	1995	2370	$\frac{4}{395}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{391}{790}$	$\Phi_{2370}\ \Phi_{1185}\ \Phi_{474}\ \Phi_{395}\ \Phi_{237}\ \Phi_{79}\ \Phi_{30}^2\ \Phi_{15}^2\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
164683	1995	1880	$\frac{1}{94}$	$\frac{1}{20}$	$\frac{19}{40}$	$\frac{93}{188}$	$\Phi_{1880}^2\ \Phi_{376}^2\ \Phi_{188}\ \Phi_{40}^3\ \Phi_8^3\ \Phi_4\ \Phi_1$
164684	1995	940	$\frac{1}{94}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{93}{188}$	$\Phi_{940}^4\ \Phi_{188}^5\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_5^2\ \Phi_4^5\ \Phi_2^2\ \Phi_1^3$
164685	1995	376	$\frac{1}{94}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{93}{188}$	$\Phi_{376}^6\ \Phi_{188}^5\ \Phi_{94}^4\ \Phi_{47}^4\ \Phi_8^9\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
164686	1995	4700	$\frac{1}{94}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{93}{188}$	$\Phi_{4700}\ \Phi_{188}\ \Phi_{100}\ \Phi_{25}\ \Phi_4\ \Phi_1$
164687	1995	2628	$\frac{8}{657}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{649}{1314}$	$\Phi_{2628}\ \Phi_{876}\ \Phi_{657}\ \Phi_{292}\ \Phi_{219}\ \Phi_{73}\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
164688	1995	480	$\frac{1}{80}$	$\frac{1}{6}$	$\frac{27}{160}$	$\frac{79}{160}$	$\Phi_{480}^4\ \Phi_{240}^6\ \Phi_{160}^2\ \Phi_{120}^6\ \Phi_{96}^4\ \Phi_{80}^3\ \Phi_{60}^6\ \Phi_{48}^6\ \Phi_{40}^3\ \Phi_{32}^2\ \Phi_{30}^6\ \Phi_{24}^6\ \Phi_{20}^3\ \Phi_{16}^3\ \Phi_{15}^6\ \Phi_{12}^6\ \Phi_{10}^3\ \Phi_8^3\ \Phi_6^5\ \Phi_5^3\ \Phi_4^3\ \Phi_3^5\ \Phi_2^2\ \Phi_1^3$
164689	1995	148	$\frac{1}{74}$	$\frac{15}{148}$	$\frac{1}{4}$	$\frac{73}{148}$	$\Phi_{148}^{14}\ \Phi_{74}^{13}\ \Phi_{37}^{13}\ \Phi_4^{13}\ \Phi_2^{12}\ \Phi_1^{13}$
164690	1995	1904	$\frac{1}{56}$	$\frac{1}{34}$	$\frac{33}{68}$	$\frac{55}{112}$	$\Phi_{1904}^2\ \Phi_{272}^2\ \Phi_{112}^3\ \Phi_{68}\ \Phi_{16}^3\ \Phi_4\ \Phi_1$
164691	1995	5712	$\frac{1}{56}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{55}{112}$	$\Phi_{5712}\ \Phi_{816}\ \Phi_{336}\ \Phi_{112}\ \Phi_{51}\ \Phi_{48}\ \Phi_{16}\ \Phi_3\ \Phi_1$
164692	1995	1904	$\frac{1}{56}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{55}{112}$	$\Phi_{1904}^2\ \Phi_{272}^2\ \Phi_{112}^3\ \Phi_{17}^2\ \Phi_{16}^3\ \Phi_1^3$
164693	1995	336	$\frac{1}{56}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{55}{112}$	$\Phi_{336}^{14}\ \Phi_{112}^7\ \Phi_{48}^{14}\ \Phi_{24}^2\ \Phi_{16}^7\ \Phi_{12}^2\ \Phi_8\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
164694	1995	2046	$\frac{2}{93}$	$\frac{1}{22}$	$\frac{1}{3}$	$\frac{91}{186}$	$\Phi_{2046}\ \Phi_{1023}\ \Phi_{682}\ \Phi_{341}\ \Phi_{93}\ \Phi_{66}^2\ \Phi_{33}^2\ \Phi_{31}\ \Phi_{22}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
164695	1995	780	$\frac{3}{130}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{127}{260}$	$\Phi_{780}^6\ \Phi_{260}^3\ \Phi_{156}^6\ \Phi_{60}^6\ \Phi_{52}^3\ \Phi_{30}^2\ \Phi_{20}^3\ \Phi_{15}^2\ \Phi_{12}^6\ \Phi_{10}\ \Phi_6\ \Phi_5\ \Phi_4^3\ \Phi_3\ \Phi_1$
164696	1995	1296	$\frac{17}{648}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{631}{1296}$	$\Phi_{1296}^3\ \Phi_{432}^3\ \Phi_{144}^3\ \Phi_{48}^3\ \Phi_{36}^2\ \Phi_{18}\ \Phi_{16}^3\ \Phi_{12}^2\ \Phi_9\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
164697	1995	476	$\frac{1}{34}$	$\frac{1}{28}$	$\frac{9}{28}$	$\frac{33}{68}$	$\Phi_{476}^4\ \Phi_{238}^4\ \Phi_{119}^4\ \Phi_{68}^5\ \Phi_{34}^4\ \Phi_{28}^6\ \Phi_{17}^4\ \Phi_{14}^6\ \Phi_7^6\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
164698	1995	340	$\frac{1}{34}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{33}{68}$	$\Phi_{340}^6\ \Phi_{170}^6\ \Phi_{85}^6\ \Phi_{68}^5\ \Phi_{34}^4\ \Phi_{20}^9\ \Phi_{17}^4\ \Phi_{10}^9\ \Phi_5^9\ \Phi_4^7\ \Phi_2^6\ \Phi_1^7$
164699	1995	2380	$\frac{1}{34}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{33}{68}$	$\Phi_{2380}^2\ \Phi_{340}^2\ \Phi_{140}^2\ \Phi_{70}\ \Phi_{68}\ \Phi_{35}\ \Phi_{20}^2\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
164700	1995	1428	$\frac{1}{34}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{33}{68}$	$\Phi_{1428}^3\ \Phi_{476}^2\ \Phi_{204}^3\ \Phi_{84}^3\ \Phi_{68}^3\ \Phi_{28}^2\ \Phi_{21}^3\ \Phi_{12}^3\ \Phi_7^2\ \Phi_4^3\ \Phi_3^3\ \Phi_1^3$
164701	1995	1088	$\frac{1}{34}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{33}{68}$	$\Phi_{1088}^2\ \Phi_{544}^2\ \Phi_{272}^2\ \Phi_{68}\ \Phi_{64}^3\ \Phi_{32}^3\ \Phi_{16}^3\ \Phi_4\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164702	1995	1408	$\frac{1}{32}$	$\frac{1}{22}$	$\frac{33}{128}$	$\frac{31}{64}$	$\Phi_{1408}^{2}\ \Phi_{352}^{2}\ \Phi_{176}^{2}\ \Phi_{128}\ \Phi_{88}^{2}\ \Phi_{44}^{2}\ \Phi_{32}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
164703	1995	2024	$\frac{3}{92}$	$\frac{1}{22}$	$\frac{1}{4}$	$\frac{89}{184}$	$\Phi_{2024}^{2}\ \Phi_{184}\ \Phi_{88}^{2}\ \Phi_{44}^{2}\ \Phi_{22}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
164704	1995	440	$\frac{2}{55}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{53}{110}$	$\Phi_{440}^{5}\ \Phi_{220}^{5}\ \Phi_{88}^{6}\ \Phi_{55}^{5}\ \Phi_{44}^{6}\ \Phi_{40}^{5}\ \Phi_{22}\ \Phi_{20}^{5}\ \Phi_{11}^{5}\ \Phi_{8}^{5}\ \Phi_{5}^{5}\ \Phi_{4}^{5}\ \Phi_{1}^{5}$
164705	1995	104	$\frac{1}{26}$	$\frac{9}{104}$	$\frac{1}{8}$	$\frac{25}{52}$	$\Phi_{104}^{19}\ \Phi_{52}^{20}\ \Phi_{26}^{19}\ \Phi_{13}^{19}\ \Phi_{8}^{18}\ \Phi_{4}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
164706	1995	768	$\frac{5}{128}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{123}{256}$	$\Phi_{768}^{6}\ \Phi_{256}^{3}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164707	1995	728	$\frac{4}{91}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{87}{182}$	$\Phi_{728}^{3}\ \Phi_{364}^{3}\ \Phi_{104}^{4}\ \Phi_{91}^{3}\ \Phi_{56}^{3}\ \Phi_{52}^{4}\ \Phi_{28}^{3}\ \Phi_{26}\ \Phi_{13}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{3}\ \Phi_{1}^{3}$
164708	1995	616	$\frac{1}{22}$	$\frac{23}{308}$	$\frac{1}{8}$	$\frac{21}{44}$	$\Phi_{616}^{4}\ \Phi_{308}^{3}\ \Phi_{154}^{3}\ \Phi_{88}^{2}\ \Phi_{77}^{3}\ \Phi_{56}^{4}\ \Phi_{44}^{2}\ \Phi_{28}^{3}\ \Phi_{22}\ \Phi_{14}^{3}\ \Phi_{11}\ \Phi_{8}\ \Phi_{7}^{3}\ \Phi_{4}\ \Phi_{1}$
164709	1995	5640	$\frac{1}{47}$	$\frac{1}{20}$	$\frac{46}{141}$	$\frac{19}{40}$	$\Phi_{5640}\ \Phi_{1128}\ \Phi_{141}\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{8}\ \Phi_{3}\ \Phi_{1}$
164710	1995	1880	$\frac{2}{47}$	$\frac{1}{20}$	$\frac{9}{47}$	$\frac{19}{40}$	$\Phi_{1880}^{2}\ \Phi_{376}^{2}\ \Phi_{47}^{2}\ \Phi_{40}^{3}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
164711	1995	120	$\frac{1}{20}$	$\frac{1}{20}$	$\frac{1}{6}$	$\frac{19}{40}$	$\Phi_{120}^{38}\ \Phi_{60}^{2}\ \Phi_{40}^{19}\ \Phi_{30}^{2}\ \Phi_{24}^{38}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{8}^{19}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164712	1995	468	$\frac{1}{52}$	$\frac{1}{18}$	$\frac{17}{52}$	$\frac{17}{36}$	$\Phi_{468}^{4}\ \Phi_{234}^{4}\ \Phi_{156}^{4}\ \Phi_{117}^{4}\ \Phi_{78}^{4}\ \Phi_{52}^{6}\ \Phi_{39}^{4}\ \Phi_{36}^{5}\ \Phi_{26}^{6}\ \Phi_{18}^{4}\ \Phi_{13}^{6}\ \Phi_{12}^{5}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{7}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
164713	1995	36	$\frac{1}{36}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{36}$	$\Phi_{36}^{56}\ \Phi_{18}^{55}\ \Phi_{12}^{56}\ \Phi_{9}^{55}\ \Phi_{6}^{55}\ \Phi_{4}^{55}\ \Phi_{3}^{55}\ \Phi_{2}^{54}\ \Phi_{1}^{55}$
164714	1995	468	$\frac{1}{26}$	$\frac{1}{18}$	$\frac{5}{26}$	$\frac{17}{36}$	$\Phi_{468}^{8}\ \Phi_{156}^{8}\ \Phi_{52}^{8}\ \Phi_{36}^{9}\ \Phi_{26}^{4}\ \Phi_{13}^{4}\ \Phi_{12}^{9}\ \Phi_{4}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
164715	1995	396	$\frac{1}{22}$	$\frac{1}{18}$	$\frac{1}{6}$	$\frac{17}{36}$	$\Phi_{396}^{10}\ \Phi_{132}^{10}\ \Phi_{66}^{2}\ \Phi_{44}^{10}\ \Phi_{36}^{5}\ \Phi_{33}^{2}\ \Phi_{22}\ \Phi_{12}^{5}\ \Phi_{11}\ \Phi_{6}\ \Phi_{4}^{5}\ \Phi_{3}\ \Phi_{1}$
164716	1995	468	$\frac{1}{18}$	$\frac{3}{52}$	$\frac{7}{52}$	$\frac{17}{36}$	$\Phi_{468}^{4}\ \Phi_{234}^{4}\ \Phi_{156}^{4}\ \Phi_{117}^{4}\ \Phi_{78}^{4}\ \Phi_{52}^{6}\ \Phi_{39}^{4}\ \Phi_{36}^{5}\ \Phi_{26}^{6}\ \Phi_{18}^{4}\ \Phi_{13}^{6}\ \Phi_{12}^{5}\ \Phi_{9}^{4}\ \Phi_{6}^{4}\ \Phi_{4}^{7}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
164717	1995	144	$\frac{1}{18}$	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{17}{36}$	$\Phi_{144}^{14}\ \Phi_{72}^{12}\ \Phi_{48}^{14}\ \Phi_{36}^{13}\ \Phi_{24}^{12}\ \Phi_{18}^{12}\ \Phi_{16}^{21}\ \Phi_{12}^{13}\ \Phi_{9}^{12}\ \Phi_{8}^{18}\ \Phi_{6}^{12}\ \Phi_{4}^{19}\ \Phi_{3}^{12}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
164718	1995	468	$\frac{1}{18}$	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{17}{36}$	$\Phi_{468}^{8}\ \Phi_{156}^{8}\ \Phi_{52}^{8}\ \Phi_{39}^{3}\ \Phi_{36}^{9}\ \Phi_{13}^{2}\ \Phi_{12}^{9}\ \Phi_{4}^{9}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
164719	1995	2516	$\frac{1}{37}$	$\frac{36}{629}$	$\frac{1}{4}$	$\frac{593}{1258}$	$\Phi_{2516}\ \Phi_{629}\ \Phi_{148}^{2}\ \Phi_{74}\ \Phi_{68}\ \Phi_{37}\ \Phi_{17}\ \Phi_{4}\ \Phi_{1}$
164720	1995	1914	$\frac{1}{58}$	$\frac{2}{33}$	$\frac{1}{3}$	$\frac{31}{66}$	$\Phi_{1914}\ \Phi_{957}\ \Phi_{638}\ \Phi_{319}\ \Phi_{174}^{2}\ \Phi_{87}^{2}\ \Phi_{58}\ \Phi_{33}\ \Phi_{29}\ \Phi_{11}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
164721	1995	1248	$\frac{17}{416}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{15}{32}$	$\Phi_{1248}^{2}\ \Phi_{624}^{2}\ \Phi_{416}\ \Phi_{312}^{2}\ \Phi_{208}\ \Phi_{156}^{2}\ \Phi_{104}\ \Phi_{78}^{2}\ \Phi_{52}\ \Phi_{48}^{2}\ \Phi_{39}^{2}\ \Phi_{26}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164722	1995	750	$\frac{1}{25}$	$\frac{8}{125}$	$\frac{1}{6}$	$\frac{117}{250}$	$\Phi_{750}^{3}\ \Phi_{375}^{3}\ \Phi_{150}^{4}\ \Phi_{125}^{3}\ \Phi_{75}^{4}\ \Phi_{50}\ \Phi_{30}^{4}\ \Phi_{25}^{3}\ \Phi_{15}^{4}\ \Phi_{10}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
164723	1995	3780	$\frac{2}{135}$	$\frac{1}{14}$	$\frac{1}{3}$	$\frac{13}{28}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{135}\ \Phi_{108}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_{27}\ \Phi_{20}\ \Phi_{15}\ \Phi_{9}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
164724	1995	2772	$\frac{1}{66}$	$\frac{1}{14}$	$\frac{65}{198}$	$\frac{13}{28}$	$\Phi_{2772}^{2}\ \Phi_{396}^{2}\ \Phi_{252}^{2}\ \Phi_{198}\ \Phi_{99}\ \Phi_{36}^{2}\ \Phi_{28}\ \Phi_{18}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
164725	1995	952	$\frac{3}{136}$	$\frac{1}{14}$	$\frac{1}{4}$	$\frac{13}{28}$	$\Phi_{952}^{2}\ \Phi_{476}^{2}\ \Phi_{238}^{2}\ \Phi_{136}^{3}\ \Phi_{119}^{2}\ \Phi_{68}^{3}\ \Phi_{56}^{2}\ \Phi_{34}^{3}\ \Phi_{28}\ \Phi_{17}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
164726	1995	1232	$\frac{1}{44}$	$\frac{1}{14}$	$\frac{43}{176}$	$\frac{13}{28}$	$\Phi_{1232}^{2}\ \Phi_{616}^{2}\ \Phi_{176}^{3}\ \Phi_{112}^{2}\ \Phi_{88}^{3}\ \Phi_{56}^{2}\ \Phi_{28}\ \Phi_{16}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
164727	1995	4620	$\frac{1}{33}$	$\frac{1}{14}$	$\frac{32}{165}$	$\frac{13}{28}$	$\Phi_{4620}\ \Phi_{1540}\ \Phi_{660}\ \Phi_{420}\ \Phi_{220}\ \Phi_{165}\ \Phi_{140}\ \Phi_{60}\ \Phi_{55}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
164728	1995	1932	$\frac{5}{138}$	$\frac{1}{14}$	$\frac{1}{6}$	$\frac{13}{28}$	$\Phi_{1932}^{2}\ \Phi_{644}^{2}\ \Phi_{276}^{2}\ \Phi_{138}\ \Phi_{92}^{2}\ \Phi_{69}\ \Phi_{46}\ \Phi_{28}\ \Phi_{23}\ \Phi_{4}\ \Phi_{1}$
164729	1995	308	$\frac{1}{22}$	$\frac{1}{14}$	$\frac{3}{22}$	$\frac{13}{28}$	$\Phi_{308}^{12}\ \Phi_{44}^{12}\ \Phi_{28}^{13}\ \Phi_{22}^{6}\ \Phi_{11}^{6}\ \Phi_{4}^{13}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
164730	1995	280	$\frac{1}{20}$	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{13}{28}$	$\Phi_{280}^{8}\ \Phi_{140}^{6}\ \Phi_{70}^{6}\ \Phi_{56}^{6}\ \Phi_{40}^{12}\ \Phi_{35}^{6}\ \Phi_{28}^{5}\ \Phi_{20}^{9}\ \Phi_{14}^{4}\ \Phi_{10}^{9}\ \Phi_{8}^{9}\ \Phi_{7}^{4}\ \Phi_{5}^{9}\ \Phi_{4}^{7}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
164731	1995	4004	$\frac{10}{143}$	$\frac{1}{14}$	$\frac{1}{11}$	$\frac{13}{28}$	$\Phi_{4004}\ \Phi_{572}\ \Phi_{364}\ \Phi_{143}\ \Phi_{52}\ \Phi_{28}\ \Phi_{13}\ \Phi_{4}\ \Phi_{1}$
164732	1995	1008	$\frac{1}{14}$	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{13}{28}$	$\Phi_{1008}^{2}\ \Phi_{504}^{2}\ \Phi_{336}^{2}\ \Phi_{252}^{2}\ \Phi_{168}^{2}\ \Phi_{144}^{3}\ \Phi_{126}^{2}\ \Phi_{112}^{2}\ \Phi_{72}^{3}\ \Phi_{63}^{2}\ \Phi_{56}^{2}\ \Phi_{48}^{3}\ \Phi_{36}^{3}\ \Phi_{28}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{16}^{3}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
164733	1995	176	$\frac{1}{22}$	$\frac{7}{88}$	$\frac{1}{8}$	$\frac{81}{176}$	$\Phi_{176}^{21}\ \Phi_{88}^{2}\ \Phi_{44}^{2}\ \Phi_{22}\ \Phi_{16}^{21}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164734	1995	1392	$\frac{1}{58}$	$\frac{1}{12}$	$\frac{13}{48}$	$\frac{11}{24}$	$\Phi_{1392}^{2}\ \Phi_{464}^{2}\ \Phi_{348}^{2}\ \Phi_{174}^{2}\ \Phi_{116}^{2}\ \Phi_{87}^{2}\ \Phi_{58}\ \Phi_{48}\ \Phi_{29}\ \Phi_{16}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164735	1995	1856	$\frac{1}{58}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{29}{64}$	$\Phi_{1856}^{2}\ \Phi_{116}^{2}\ \Phi_{64}\ \Phi_{58}\ \Phi_{29}\ \Phi_{4}\ \Phi_{1}$
164736	1995	104	$\frac{1}{26}$	$\frac{5}{52}$	$\frac{1}{8}$	$\frac{47}{104}$	$\Phi_{104}^{17}\ \Phi_{52}^{22}\ \Phi_{26}^{21}\ \Phi_{13}^{21}\ \Phi_{8}^{16}\ \Phi_{4}^{21}\ \Phi_{2}^{20}\ \Phi_{1}^{21}$
164737	1995	240	$\frac{1}{40}$	$\frac{13}{120}$	$\frac{1}{6}$	$\frac{107}{240}$	$\Phi_{240}^{15}\ \Phi_{120}^{2}\ \Phi_{80}^{15}\ \Phi_{60}^{2}\ \Phi_{48}^{15}\ \Phi_{40}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{16}^{15}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164738	1995	1184	$\frac{1}{74}$	$\frac{73}{592}$	$\frac{1}{4}$	$\frac{519}{1184}$	$\Phi_{1184}^{3}\ \Phi_{148}^{2}\ \Phi_{74}\ \Phi_{37}\ \Phi_{32}^{3}\ \Phi_{4}\ \Phi_{1}$
164739	1995	1848	$\frac{1}{22}$	$\frac{1}{12}$	$\frac{11}{84}$	$\frac{73}{168}$	$\Phi_{1848}^{2}\ \Phi_{616}^{2}\ \Phi_{264}^{2}\ \Phi_{168}\ \Phi_{132}^{2}\ \Phi_{88}^{2}\ \Phi_{66}^{2}\ \Phi_{56}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{24}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164740	1995	300	$\frac{1}{50}$	$\frac{7}{50}$	$\frac{1}{6}$	$\frac{43}{100}$	$\Phi_{300}^{14}\ \Phi_{150}^{2}\ \Phi_{100}^{7}\ \Phi_{75}^{2}\ \Phi_{60}^{14}\ \Phi_{50}\ \Phi_{30}^{2}\ \Phi_{25}\ \Phi_{20}^{7}\ \Phi_{15}^{2}\ \Phi_{12}^{14}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}^{7}\ \Phi_{3}\ \Phi_{1}$
164741	1995	852	$\frac{1}{142}$	$\frac{1}{6}$	$\frac{47}{142}$	$\frac{5}{12}$	$\Phi_{852}^{4}\ \Phi_{284}^{4}\ \Phi_{142}^{2}\ \Phi_{71}^{2}\ \Phi_{12}^{5}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164742	1995	96	$\frac{1}{96}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{5}{12}$	$\Phi_{96}^{21}\ \Phi_{48}^{21}\ \Phi_{32}^{21}\ \Phi_{24}^{21}\ \Phi_{16}^{21}\ \Phi_{12}^{20}\ \Phi_{8}^{21}\ \Phi_{6}^{19}\ \Phi_{4}^{19}\ \Phi_{3}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
164743	1995	852	$\frac{1}{71}$	$\frac{1}{6}$	$\frac{14}{71}$	$\frac{5}{12}$	$\Phi_{852}^{4}\ \Phi_{284}^{4}\ \Phi_{71}^{4}\ \Phi_{12}^{5}\ \Phi_{4}^{5}\ \Phi_{1}^{5}$
164744	1995	348	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{348}^{10}\ \Phi_{174}^{2}\ \Phi_{116}^{10}\ \Phi_{87}^{2}\ \Phi_{58}\ \Phi_{29}\ \Phi_{12}^{5}\ \Phi_{6}\ \Phi_{4}^{5}\ \Phi_{3}\ \Phi_{1}$
164745	1995	852	$\frac{7}{142}$	$\frac{9}{142}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{852}^{4}\ \Phi_{284}^{4}\ \Phi_{142}^{2}\ \Phi_{71}^{2}\ \Phi_{12}^{5}\ \Phi_{4}^{5}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164746	1995	240	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{240}^{8}\ \Phi_{120}^{8}\ \Phi_{80}^{12}\ \Phi_{60}^{6}\ \Phi_{48}^{6}\ \Phi_{40}^{12}\ \Phi_{30}^{6}\ \Phi_{24}^{6}\ \Phi_{20}^{9}\ \Phi_{16}^{9}\ \Phi_{15}^{6}\ \Phi_{12}^{5}\ \Phi_{10}^{9}\ \Phi_{8}^{9}\ \Phi_{6}^{4}\ \Phi_{5}^{9}\ \Phi_{4}^{7}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
164747	1995	1696	$\frac{1}{106}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{1696}^{2}\ \Phi_{212}^{2}\ \Phi_{106}\ \Phi_{53}\ \Phi_{32}\ \Phi_{4}\ \Phi_{1}$
164748	1995	352	$\frac{1}{22}$	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{13}{32}$	$\Phi_{352}^{10}\ \Phi_{176}^{2}\ \Phi_{88}^{2}\ \Phi_{44}^{2}\ \Phi_{32}^{5}\ \Phi_{22}\ \Phi_{16}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
164749	1995	444	$\frac{1}{111}$	$\frac{22}{111}$	$\frac{1}{4}$	$\frac{89}{222}$	$\Phi_{444}^{6}\ \Phi_{222}\ \Phi_{148}^{6}\ \Phi_{111}^{5}\ \Phi_{74}\ \Phi_{37}^{5}\ \Phi_{12}^{6}\ \Phi_{6}\ \Phi_{4}^{5}\ \Phi_{3}^{5}\ \Phi_{1}^{5}$
164750	1995	1920	$\frac{1}{80}$	$\frac{1}{6}$	$\frac{79}{320}$	$\frac{241}{640}$	$\Phi_{1920}^{2}\ \Phi_{640}\ \Phi_{384}^{2}\ \Phi_{240}^{2}\ \Phi_{128}\ \Phi_{120}^{2}\ \Phi_{80}\ \Phi_{60}^{2}\ \Phi_{48}^{2}\ \Phi_{40}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164751	1995	1592	$\frac{1}{199}$	$\frac{1}{4}$	$\frac{66}{199}$	$\frac{3}{8}$	$\Phi_{1592}^{2}\ \Phi_{199}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
164752	1995	536	$\frac{1}{134}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{536}^{6}\ \Phi_{268}^{2}\ \Phi_{134}\ \Phi_{67}\ \Phi_{8}^{3}\ \Phi_{4}\ \Phi_{1}$
164753	1995	1272	$\frac{1}{106}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1272}^{2}\ \Phi_{636}^{2}\ \Phi_{318}^{2}\ \Phi_{212}^{2}\ \Phi_{159}^{2}\ \Phi_{106}\ \Phi_{53}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164754	1995	1592	$\frac{3}{199}$	$\frac{28}{199}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1592}^{2}\ \Phi_{199}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
164755	1995	232	$\frac{1}{58}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{232}^{8}\ \Phi_{116}^{10}\ \Phi_{58}^{9}\ \Phi_{29}^{9}\ \Phi_{8}^{4}\ \Phi_{4}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
164756	1995	1592	$\frac{9}{199}$	$\frac{10}{199}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1592}^{2}\ \Phi_{199}^{2}\ \Phi_{8}^{3}\ \Phi_{1}^{3}$
164757	1995	440	$\frac{1}{22}$	$\frac{1}{20}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{440}^{8}\ \Phi_{220}^{2}\ \Phi_{110}^{2}\ \Phi_{88}^{6}\ \Phi_{55}^{2}\ \Phi_{44}^{2}\ \Phi_{40}^{4}\ \Phi_{22}\ \Phi_{20}\ \Phi_{11}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
164758	1995	1590	$\frac{1}{106}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{11}{30}$	$\Phi_{1590}\ \Phi_{795}\ \Phi_{530}^{2}\ \Phi_{318}\ \Phi_{265}^{2}\ \Phi_{159}\ \Phi_{106}\ \Phi_{53}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
164759	1995	1566	$\frac{1}{58}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{19}{54}$	$\Phi_{1566}\ \Phi_{783}\ \Phi_{522}^{2}\ \Phi_{261}^{2}\ \Phi_{174}^{2}\ \Phi_{87}^{2}\ \Phi_{58}\ \Phi_{29}\ \Phi_{27}\ \Phi_{18}\ \Phi_{9}\ \Phi_{6}\ \Phi_{3}\ \Phi_{1}$
164760	1995	1584	$\frac{1}{24}$	$\frac{1}{22}$	$\frac{23}{72}$	$\frac{49}{144}$	$\Phi_{1584}^{2}\ \Phi_{528}^{2}\ \Phi_{264}^{2}\ \Phi_{176}^{2}\ \Phi_{144}\ \Phi_{132}^{2}\ \Phi_{88}^{2}\ \Phi_{66}^{2}\ \Phi_{48}\ \Phi_{44}^{2}\ \Phi_{33}^{2}\ \Phi_{24}\ \Phi_{22}\ \Phi_{16}\ \Phi_{12}\ \Phi_{11}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164761	1995	600	$\frac{1}{100}$	$\frac{1}{6}$	$\frac{33}{100}$	$\frac{67}{200}$	$\Phi_{600}^{6}\ \Phi_{300}^{2}\ \Phi_{200}^{3}\ \Phi_{150}^{2}\ \Phi_{120}^{6}\ \Phi_{100}\ \Phi_{75}^{2}\ \Phi_{60}^{2}\ \Phi_{50}\ \Phi_{40}^{3}\ \Phi_{30}^{2}\ \Phi_{25}\ \Phi_{24}^{6}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164762	1995	1278	$\frac{1}{142}$	$\frac{2}{9}$	$\frac{47}{142}$	$\frac{1}{3}$	$\Phi_{1278}^{2}\ \Phi_{639}^{2}\ \Phi_{142}^{2}\ \Phi_{71}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164763	1995	1092	$\frac{1}{52}$	$\frac{2}{21}$	$\frac{17}{52}$	$\frac{1}{3}$	$\Phi_{1092}^{2}\ \Phi_{546}^{2}\ \Phi_{364}^{2}\ \Phi_{273}^{2}\ \Phi_{182}^{2}\ \Phi_{91}^{2}\ \Phi_{84}^{2}\ \Phi_{52}^{2}\ \Phi_{42}^{2}\ \Phi_{28}^{2}\ \Phi_{26}^{2}\ \Phi_{21}^{3}\ \Phi_{14}^{2}\ \Phi_{13}^{2}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164764	1995	945	$\frac{2}{135}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{135}^{3}\ \Phi_{105}^{2}\ \Phi_{63}^{2}\ \Phi_{45}^{3}\ \Phi_{35}^{2}\ \Phi_{27}^{3}\ \Phi_{15}^{3}\ \Phi_{9}^{3}\ \Phi_{7}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
164765	1995	288	$\frac{1}{96}$	$\frac{2}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{288}^{9}\ \Phi_{144}^{9}\ \Phi_{96}^{3}\ \Phi_{72}^{9}\ \Phi_{48}^{3}\ \Phi_{36}^{8}\ \Phi_{32}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{8}\ \Phi_{16}^{3}\ \Phi_{12}^{3}\ \Phi_{9}^{9}\ \Phi_{8}^{3}\ \Phi_{6}^{3}\ \Phi_{4}^{2}\ \Phi_{3}^{3}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164766	1995	540	$\frac{2}{135}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{540}^{5}\,\Phi_{270}^{2}\,\Phi_{180}^{5}\,\Phi_{135}^{3}\,\Phi_{108}^{5}\,\Phi_{90}^{2}\,\Phi_{60}^{5}\,\Phi_{54}^{2}\,\Phi_{45}^{3}\,\Phi_{36}^{5}\,\Phi_{30}^{2}\,\Phi_{27}^{3}\,\Phi_{20}^{5}\,\Phi_{18}^{2}\,\Phi_{15}^{3}\,\Phi_{12}^{2}\,\Phi_{10}^{2}\,\Phi_{9}^{3}\,\Phi_{6}\,\Phi_{5}^{3}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
164767	1995	252	$\frac{1}{36}$	$\frac{2}{21}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{252}^{9}\,\Phi_{126}^{9}\,\Phi_{84}^{8}\,\Phi_{63}^{9}\,\Phi_{42}^{8}\,\Phi_{36}^{3}\,\Phi_{28}^{8}\,\Phi_{21}^{9}\,\Phi_{18}^{3}\,\Phi_{14}^{8}\,\Phi_{12}^{3}\,\Phi_{9}^{3}\,\Phi_{7}^{9}\,\Phi_{6}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
164768	1995	204	$\frac{2}{51}$	$\frac{7}{102}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{204}^{13}\,\Phi_{102}^{6}\,\Phi_{68}^{13}\,\Phi_{51}^{7}\,\Phi_{34}^{6}\,\Phi_{17}^{7}\,\Phi_{12}^{14}\,\Phi_{6}^{7}\,\Phi_{4}^{13}\,\Phi_{3}^{7}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
164769	1995	1404	$\frac{2}{39}$	$\frac{37}{702}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1404}^{2}\,\Phi_{702}\,\Phi_{468}^{2}\,\Phi_{351}\,\Phi_{234}\,\Phi_{156}\,\Phi_{117}\,\Phi_{108}^{2}\,\Phi_{54}\,\Phi_{52}\,\Phi_{39}\,\Phi_{36}^{2}\,\Phi_{27}\,\Phi_{18}\,\Phi_{13}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
164770	1995	639	$\frac{1}{71}$	$\frac{14}{71}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{639}^{4}\,\Phi_{71}^{4}\,\Phi_{9}^{5}\,\Phi_{1}^{5}$
164771	1995	522	$\frac{1}{58}$	$\frac{1}{6}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{522}^{5}\,\Phi_{261}^{5}\,\Phi_{174}^{2}\,\Phi_{87}^{2}\,\Phi_{58}\,\Phi_{29}\,\Phi_{18}^{2}\,\Phi_{9}^{3}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
164772	1995	1278	$\frac{7}{142}$	$\frac{9}{142}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1278}^{2}\,\Phi_{639}^{2}\,\Phi_{142}^{2}\,\Phi_{71}^{2}\,\Phi_{18}^{2}\,\Phi_{9}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
164773	1995	720	$\frac{1}{20}$	$\frac{1}{16}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{720}^{4}\,\Phi_{360}^{4}\,\Phi_{180}^{3}\,\Phi_{144}^{3}\,\Phi_{90}^{3}\,\Phi_{80}^{4}\,\Phi_{72}^{3}\,\Phi_{45}^{3}\,\Phi_{40}^{4}\,\Phi_{36}^{2}\,\Phi_{20}^{3}\,\Phi_{18}^{2}\,\Phi_{16}^{3}\,\Phi_{10}^{3}\,\Phi_{9}^{3}\,\Phi_{8}^{3}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
164774	1995	546	$\frac{1}{26}$	$\frac{2}{21}$	$\frac{5}{26}$	$\frac{1}{3}$	$\Phi_{546}^{4}\,\Phi_{273}^{4}\,\Phi_{182}^{4}\,\Phi_{91}^{4}\,\Phi_{42}^{4}\,\Phi_{26}^{4}\,\Phi_{21}^{5}\,\Phi_{14}^{4}\,\Phi_{13}^{4}\,\Phi_{7}^{5}\,\Phi_{2}^{4}\,\Phi_{1}^{5}$
164775	1995	462	$\frac{1}{22}$	$\frac{2}{21}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{462}^{5}\,\Phi_{231}^{5}\,\Phi_{154}^{5}\,\Phi_{77}^{5}\,\Phi_{66}^{2}\,\Phi_{42}^{2}\,\Phi_{33}^{2}\,\Phi_{22}\,\Phi_{21}^{3}\,\Phi_{14}^{2}\,\Phi_{11}\,\Phi_{7}^{3}\,\Phi_{6}\,\Phi_{3}\,\Phi_{1}$
164776	1995	1092	$\frac{3}{52}$	$\frac{2}{21}$	$\frac{7}{52}$	$\frac{1}{3}$	$\Phi_{1092}^{2}\,\Phi_{546}^{2}\,\Phi_{364}^{2}\,\Phi_{273}^{2}\,\Phi_{182}^{2}\,\Phi_{91}^{2}\,\Phi_{84}^{2}\,\Phi_{52}^{2}\,\Phi_{42}^{2}\,\Phi_{28}^{2}\,\Phi_{26}^{2}\,\Phi_{21}^{3}\,\Phi_{14}^{2}\,\Phi_{13}^{2}\,\Phi_{7}^{3}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
164777	1995	336	$\frac{1}{16}$	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{3}$	$\Phi_{336}^{7}\,\Phi_{168}^{6}\,\Phi_{112}^{7}\,\Phi_{84}^{6}\,\Phi_{56}^{6}\,\Phi_{42}^{6}\,\Phi_{28}^{6}\,\Phi_{21}^{7}\,\Phi_{16}^{7}\,\Phi_{14}^{6}\,\Phi_{8}^{6}\,\Phi_{7}^{7}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
164778	1995	273	$\frac{1}{13}$	$\frac{2}{21}$	$\frac{4}{39}$	$\frac{1}{3}$	$\Phi_{273}^{8}\,\Phi_{91}^{8}\,\Phi_{39}^{3}\,\Phi_{21}^{9}\,\Phi_{13}^{2}\,\Phi_{7}^{9}\,\Phi_{3}^{3}\,\Phi_{1}^{3}$
164779	1995	1386	$\frac{1}{66}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{65}{198}$	$\Phi_{1386}^{2}\,\Phi_{693}^{2}\,\Phi_{198}^{3}\,\Phi_{126}^{2}\,\Phi_{99}^{3}\,\Phi_{63}^{2}\,\Phi_{18}^{3}\,\Phi_{9}^{3}\,\Phi_{7}^{2}\,\Phi_{1}^{3}$
164780	1995	396	$\frac{1}{66}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{65}{198}$	$\Phi_{396}^{10}\,\Phi_{198}^{5}\,\Phi_{99}^{5}\,\Phi_{36}^{10}\,\Phi_{18}^{5}\,\Phi_{12}^{2}\,\Phi_{9}^{5}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
164781	1995	1404	$\frac{1}{52}$	$\frac{1}{9}$	$\frac{8}{27}$	$\frac{17}{52}$	$\Phi_{1404}^{2}\,\Phi_{702}^{2}\,\Phi_{351}^{2}\,\Phi_{108}^{2}\,\Phi_{54}^{2}\,\Phi_{52}^{2}\,\Phi_{27}^{3}\,\Phi_{26}^{2}\,\Phi_{13}^{2}\,\Phi_{4}^{2}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
164782	1995	312	$\frac{1}{52}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{17}{52}$	$\Phi_{312}^{8}\,\Phi_{156}^{4}\,\Phi_{104}^{8}\,\Phi_{78}^{4}\,\Phi_{52}^{6}\,\Phi_{39}^{4}\,\Phi_{26}^{6}\,\Phi_{24}^{9}\,\Phi_{13}^{6}\,\Phi_{12}^{5}\,\Phi_{8}^{9}\,\Phi_{6}^{4}\,\Phi_{4}^{7}\,\Phi_{3}^{4}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
164783	1995	1410	$\frac{1}{47}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{46}{141}$	$\Phi_{1410}^{2}\,\Phi_{705}^{2}\,\Phi_{282}^{2}\,\Phi_{141}^{3}\,\Phi_{30}^{2}\,\Phi_{15}^{2}\,\Phi_{10}^{2}\,\Phi_{6}^{2}\,\Phi_{5}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
164784	1995	1128	$\frac{1}{47}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{46}{141}$	$\Phi_{1128}^{3}\,\Phi_{564}^{2}\,\Phi_{282}^{2}\,\Phi_{141}^{3}\,\Phi_{24}^{3}\,\Phi_{12}^{2}\,\Phi_{8}^{3}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
164785	1995	3525	$\frac{1}{47}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{46}{141}$	$\Phi_{3525}\,\Phi_{141}\,\Phi_{75}\,\Phi_{25}\,\Phi_{3}\,\Phi_{1}$
164786	1995	480	$\frac{1}{40}$	$\frac{1}{6}$	$\frac{27}{160}$	$\frac{13}{40}$	$\Phi_{480}^{6}\,\Phi_{240}^{6}\,\Phi_{160}^{3}\,\Phi_{120}^{2}\,\Phi_{96}^{6}\,\Phi_{80}^{3}\,\Phi_{60}^{2}\,\Phi_{48}^{6}\,\Phi_{40}\,\Phi_{32}^{3}\,\Phi_{30}^{2}\,\Phi_{24}^{2}\,\Phi_{20}\,\Phi_{16}^{3}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{10}\,\Phi_{8}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
164787	1995	1428	$\frac{1}{28}$	$\frac{1}{17}$	$\frac{16}{51}$	$\frac{9}{28}$	$\Phi_{1428}^{2}\,\Phi_{714}^{2}\,\Phi_{357}^{2}\,\Phi_{204}^{2}\,\Phi_{102}^{2}\,\Phi_{84}^{2}\,\Phi_{51}^{3}\,\Phi_{42}^{2}\,\Phi_{28}^{2}\,\Phi_{21}^{2}\,\Phi_{14}^{2}\,\Phi_{12}^{2}\,\Phi_{7}^{2}\,\Phi_{6}^{2}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$
164788	1995	476	$\frac{1}{28}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{9}{28}$	$\Phi_{476}^{4}\,\Phi_{238}^{4}\,\Phi_{119}^{4}\,\Phi_{68}^{4}\,\Phi_{34}^{4}\,\Phi_{28}^{6}\,\Phi_{17}^{6}\,\Phi_{14}^{6}\,\Phi_{7}^{6}\,\Phi_{4}^{6}\,\Phi_{2}^{6}\,\Phi_{1}^{9}$
164789	1995	168	$\frac{1}{28}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{9}{28}$	$\Phi_{168}^{16}\,\Phi_{84}^{12}\,\Phi_{56}^{8}\,\Phi_{42}^{12}\,\Phi_{28}^{6}\,\Phi_{24}^{18}\,\Phi_{21}^{12}\,\Phi_{14}^{6}\,\Phi_{12}^{14}\,\Phi_{8}^{9}\,\Phi_{7}^{6}\,\Phi_{6}^{13}\,\Phi_{4}^{7}\,\Phi_{3}^{13}\,\Phi_{2}^{6}\,\Phi_{1}^{7}$
164790	1995	150	$\frac{1}{25}$	$\frac{17}{150}$	$\frac{1}{6}$	$\frac{8}{25}$	$\Phi_{150}^{13}\,\Phi_{75}^{13}\,\Phi_{50}^{13}\,\Phi_{30}^{13}\,\Phi_{25}^{15}\,\Phi_{15}^{13}\,\Phi_{10}^{13}\,\Phi_{6}^{12}\,\Phi_{5}^{15}\,\Phi_{3}^{12}\,\Phi_{2}^{12}\,\Phi_{1}^{15}$
164791	1995	997	$\frac{43}{997}$	$\frac{97}{997}$	$\frac{180}{997}$	$\frac{318}{997}$	$\Phi_{997}^{2}\,\Phi_{1}^{3}$
164792	1995	88	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{3}{22}$	$\frac{7}{22}$	$\Phi_{88}^{26}\,\Phi_{44}^{26}\,\Phi_{22}^{13}\,\Phi_{11}^{13}\,\Phi_{8}^{25}\,\Phi_{4}^{25}\,\Phi_{2}^{12}\,\Phi_{1}^{13}$
164793	1995	997	$\frac{46}{997}$	$\frac{123}{997}$	$\frac{136}{997}$	$\frac{317}{997}$	$\Phi_{997}^{2}\,\Phi_{1}^{3}$
164794	1995	1200	$\frac{19}{400}$	$\frac{39}{400}$	$\frac{1}{6}$	$\frac{127}{400}$	$\Phi_{1200}^{2}\,\Phi_{600}^{2}\,\Phi_{400}\,\Phi_{300}^{2}\,\Phi_{240}^{2}\,\Phi_{200}\,\Phi_{150}^{2}\,\Phi_{120}^{2}\,\Phi_{100}\,\Phi_{80}\,\Phi_{75}^{2}\,\Phi_{60}^{2}\,\Phi_{50}\,\Phi_{48}^{2}\,\Phi_{40}\,\Phi_{30}^{2}\,\Phi_{25}\,\Phi_{24}^{2}\,\Phi_{20}\,\Phi_{16}\,\Phi_{15}^{2}\,\Phi_{12}^{2}\,\Phi_{10}\,\Phi_{8}\,\Phi_{6}\,\Phi_{5}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
164795	1995	972	$\frac{17}{324}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{307}{972}$	$\Phi_{972}^{3}\,\Phi_{486}^{3}\,\Phi_{243}^{3}\,\Phi_{36}^{2}\,\Phi_{18}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
164796	1995	1404	$\frac{37}{702}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{1404}^{2}\,\Phi_{702}\,\Phi_{468}^{2}\,\Phi_{351}\,\Phi_{234}\,\Phi_{156}^{2}\,\Phi_{117}\,\Phi_{78}\,\Phi_{52}^{2}\,\Phi_{39}\,\Phi_{36}^{2}\,\Phi_{26}\,\Phi_{18}\,\Phi_{13}\,\Phi_{12}^{2}\,\Phi_{9}\,\Phi_{6}\,\Phi_{4}\,\Phi_{3}\,\Phi_{1}$
164797	1995	1020	$\frac{1}{20}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{16}{51}$	$\Phi_{1020}^{3}\,\Phi_{510}^{3}\,\Phi_{255}^{3}\,\Phi_{204}^{2}\,\Phi_{102}^{2}\,\Phi_{60}^{3}\,\Phi_{51}^{3}\,\Phi_{30}^{3}\,\Phi_{20}^{3}\,\Phi_{15}^{3}\,\Phi_{12}^{2}\,\Phi_{10}^{3}\,\Phi_{6}^{2}\,\Phi_{5}^{3}\,\Phi_{4}^{2}\,\Phi_{3}^{3}\,\Phi_{2}^{2}\,\Phi_{1}^{3}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164798	1995	3570	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{13}{70}$	$\frac{16}{51}$	$\Phi_{3570}\ \Phi_{1785}\ \Phi_{510}\ \Phi_{255}\ \Phi_{210}\ \Phi_{105}\ \Phi_{70}\ \Phi_{51}\ \Phi_{35}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_5\ \Phi_3\ \Phi_1$
164799	1995	357	$\frac{1}{17}$	$\frac{2}{21}$	$\frac{1}{7}$	$\frac{16}{51}$	$\Phi_{357}^5\ \Phi_{119}^6\ \Phi_{51}^6\ \Phi_{21}^8\ \Phi_{17}^6\ \Phi_7^8\ \Phi_3^9\ \Phi_1^9$
164800	1995	3264	$\frac{1}{17}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{16}{51}$	$\Phi_{3264}\ \Phi_{1632}\ \Phi_{816}\ \Phi_{192}\ \Phi_{96}\ \Phi_{64}\ \Phi_{51}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_3\ \Phi_1$
164801	1995	144	$\frac{1}{16}$	$\frac{11}{144}$	$\frac{1}{6}$	$\frac{5}{16}$	$\Phi_{144}^{15}\ \Phi_{72}^{15}\ \Phi_{48}^{11}\ \Phi_{36}^{15}\ \Phi_{24}^{11}\ \Phi_{18}^{15}\ \Phi_{16}^{13}\ \Phi_{12}^{11}\ \Phi_9^{15}\ \Phi_8^{13}\ \Phi_6^{10}\ \Phi_4^{13}\ \Phi_3^{10}\ \Phi_2^{12}\ \Phi_1^{13}$
164802	1995	104	$\frac{1}{13}$	$\frac{9}{104}$	$\frac{1}{8}$	$\frac{4}{13}$	$\Phi_{104}^{19}\ \Phi_{52}^{19}\ \Phi_{26}^{19}\ \Phi_{13}^{21}\ \Phi_8^{18}\ \Phi_4^{18}\ \Phi_2^{18}\ \Phi_1^{21}$
164803	1995	192	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{1}{6}$	$\frac{59}{192}$	$\Phi_{192}^9\ \Phi_{96}^9\ \Phi_{64}^{12}\ \Phi_{48}^{11}\ \Phi_{32}^{12}\ \Phi_{24}^{11}\ \Phi_{16}^{13}\ \Phi_{12}^{11}\ \Phi_8^{13}\ \Phi_6^{10}\ \Phi_4^{13}\ \Phi_3^{10}\ \Phi_2^{12}\ \Phi_1^{13}$
164804	1995	470	$\frac{2}{47}$	$\frac{1}{10}$	$\frac{9}{47}$	$\frac{3}{10}$	$\Phi_{470}^4\ \Phi_{235}^4\ \Phi_{94}^4\ \Phi_{47}^6\ \Phi_{10}^6\ \Phi_5^6\ \Phi_2^6\ \Phi_1^9$
164805	1995	60	$\frac{1}{20}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{3}{10}$	$\Phi_{60}^{42}\ \Phi_{30}^{38}\ \Phi_{20}^{21}\ \Phi_{15}^{38}\ \Phi_{12}^{42}\ \Phi_{10}^{19}\ \Phi_6^{37}\ \Phi_5^{19}\ \Phi_4^{21}\ \Phi_3^{37}\ \Phi_2^{18}\ \Phi_1^{19}$
164806	1995	108	$\frac{1}{36}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{8}{27}$	$\Phi_{108}^{26}\ \Phi_{54}^{26}\ \Phi_{36}^3\ \Phi_{27}^{27}\ \Phi_{18}^3\ \Phi_{12}^3\ \Phi_9^3\ \Phi_6^3\ \Phi_4^2\ \Phi_3^3\ \Phi_2^2\ \Phi_1^3$
164807	1995	702	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{5}{26}$	$\frac{8}{27}$	$\Phi_{702}^4\ \Phi_{351}^4\ \Phi_{54}^4\ \Phi_{27}^5\ \Phi_{26}^4\ \Phi_{13}^4\ \Phi_2^4\ \Phi_1^5$
164808	1995	594	$\frac{1}{22}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{8}{27}$	$\Phi_{594}^5\ \Phi_{297}^5\ \Phi_{66}^2\ \Phi_{54}^2\ \Phi_{33}^2\ \Phi_{27}^3\ \Phi_{22}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
164809	1995	1404	$\frac{3}{52}$	$\frac{1}{9}$	$\frac{7}{52}$	$\frac{8}{27}$	$\Phi_{1404}^2\ \Phi_{702}^2\ \Phi_{351}^2\ \Phi_{108}^2\ \Phi_{54}^2\ \Phi_{52}^2\ \Phi_{27}^3\ \Phi_{26}^2\ \Phi_{13}^2\ \Phi_4^2\ \Phi_2^2\ \Phi_1^3$
164810	1995	432	$\frac{1}{16}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{8}{27}$	$\Phi_{432}^7\ \Phi_{216}^6\ \Phi_{108}^6\ \Phi_{54}^6\ \Phi_{27}^7\ \Phi_{16}^7\ \Phi_8^6\ \Phi_4^6\ \Phi_2^6\ \Phi_1^7$
164811	1995	351	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{9}$	$\frac{8}{27}$	$\Phi_{351}^8\ \Phi_{39}^3\ \Phi_{27}^9\ \Phi_{13}^2\ \Phi_3^3\ \Phi_1^3$
164812	1995	997	$\frac{37}{997}$	$\frac{115}{997}$	$\frac{192}{997}$	$\frac{294}{997}$	$\Phi_{997}^2\ \Phi_1^3$
164813	1995	1060	$\frac{1}{20}$	$\frac{13}{106}$	$\frac{15}{106}$	$\frac{31}{106}$	$\Phi_{1060}^2\ \Phi_{530}^2\ \Phi_{265}^2\ \Phi_{212}^2\ \Phi_{106}\ \Phi_{53}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
164814	1995	997	$\frac{45}{997}$	$\frac{136}{997}$	$\frac{142}{997}$	$\frac{287}{997}$	$\Phi_{997}^2\ \Phi_1^3$
164815	1995	240	$\frac{3}{80}$	$\frac{11}{80}$	$\frac{1}{6}$	$\frac{23}{80}$	$\Phi_{240}^{10}\ \Phi_{120}^{10}\ \Phi_{80}^5\ \Phi_{60}^{10}\ \Phi_{48}^{10}\ \Phi_{40}^5\ \Phi_{30}^{10}\ \Phi_{24}^{10}\ \Phi_{20}^5\ \Phi_{16}^5\ \Phi_{15}^{10}\ \Phi_{12}^{10}\ \Phi_{10}^5\ \Phi_8^5\ \Phi_6^9\ \Phi_5^5\ \Phi_4^5\ \Phi_3^9\ \Phi_2^4\ \Phi_1^5$
164816	1995	952	$\frac{3}{136}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{2}{7}$	$\Phi_{952}^2\ \Phi_{476}^2\ \Phi_{238}^2\ \Phi_{136}^3\ \Phi_{119}^2\ \Phi_{68}^3\ \Phi_{56}^2\ \Phi_{34}^3\ \Phi_{17}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
164817	1995	1232	$\frac{1}{44}$	$\frac{1}{7}$	$\frac{43}{176}$	$\frac{2}{7}$	$\Phi_{1232}^2\ \Phi_{616}^2\ \Phi_{176}^3\ \Phi_{112}^2\ \Phi_{88}^3\ \Phi_{56}^2\ \Phi_{16}^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
164818	1995	1155	$\frac{1}{33}$	$\frac{1}{7}$	$\frac{32}{165}$	$\frac{2}{7}$	$\Phi_{1155}^2\ \Phi_{385}^2\ \Phi_{165}^3\ \Phi_{105}^2\ \Phi_{55}^3\ \Phi_{35}^2\ \Phi_{15}^3\ \Phi_7^2\ \Phi_5^3\ \Phi_1^3$
164819	1995	966	$\frac{5}{138}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{2}{7}$	$\Phi_{966}^2\ \Phi_{483}^2\ \Phi_{322}^2\ \Phi_{161}^2\ \Phi_{138}^3\ \Phi_{69}^3\ \Phi_{46}^3\ \Phi_{23}^3\ \Phi_7^2\ \Phi_1^3$
164820	1995	154	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{154}^{12}\ \Phi_{77}^{12}\ \Phi_{22}^{18}\ \Phi_{14}^{12}\ \Phi_{11}^{18}\ \Phi_7^{14}\ \Phi_2^{18}\ \Phi_1^{21}$
164821	1995	280	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{280}^8\ \Phi_{140}^6\ \Phi_{70}^6\ \Phi_{56}^{12}\ \Phi_{40}^6\ \Phi_{35}^4\ \Phi_{28}^9\ \Phi_{20}^4\ \Phi_{14}^9\ \Phi_{10}^9\ \Phi_8^6\ \Phi_7^9\ \Phi_5^6\ \Phi_4^6\ \Phi_2^9\ \Phi_1^9$
164822	1995	1001	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{1001}^2\ \Phi_{143}^3\ \Phi_{91}^2\ \Phi_{13}^3\ \Phi_7^2\ \Phi_1^3$
164823	1995	1008	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{1008}^2\ \Phi_{504}^2\ \Phi_{336}^2\ \Phi_{252}^2\ \Phi_{168}^2\ \Phi_{144}^3\ \Phi_{126}^2\ \Phi_{112}^2\ \Phi_{72}^3\ \Phi_{63}^2\ \Phi_{56}^2\ \Phi_{48}^3\ \Phi_{36}^3\ \Phi_{24}^3\ \Phi_{18}^3\ \Phi_{16}^3\ \Phi_9^3\ \Phi_8^3\ \Phi_7^2\ \Phi_1^3$
164824	1995	264	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{7}{44}$	$\frac{37}{132}$	$\Phi_{264}^{12}\ \Phi_{132}^9\ \Phi_{88}^2\ \Phi_{66}^9\ \Phi_{44}^2\ \Phi_{33}^9\ \Phi_{24}^{12}\ \Phi_{22}\ \Phi_{12}^9\ \Phi_{11}\ \Phi_8\ \Phi_6^9\ \Phi_4\ \Phi_3^9\ \Phi_1$
164825	1995	1188	$\frac{1}{22}$	$\frac{13}{108}$	$\frac{1}{6}$	$\frac{5}{18}$	$\Phi_{1188}^2\ \Phi_{594}^2\ \Phi_{396}^2\ \Phi_{297}^2\ \Phi_{132}^2\ \Phi_{108}\ \Phi_{66}^2\ \Phi_{54}\ \Phi_{44}^2\ \Phi_{36}\ \Phi_{33}^2\ \Phi_{27}\ \Phi_{22}\ \Phi_{12}\ \Phi_{11}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
164826	1995	997	$\frac{38}{997}$	$\frac{137}{997}$	$\frac{172}{997}$	$\frac{275}{997}$	$\Phi_{997}^2\ \Phi_1^3$
164827	1995	1060	$\frac{1}{20}$	$\frac{11}{106}$	$\frac{19}{106}$	$\frac{29}{106}$	$\Phi_{1060}^2\ \Phi_{530}^2\ \Phi_{265}^2\ \Phi_{212}^2\ \Phi_{106}\ \Phi_{53}\ \Phi_{20}\ \Phi_{10}\ \Phi_5\ \Phi_4\ \Phi_1$
164828	1995	1392	$\frac{1}{58}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{48}$	$\Phi_{1392}^2\ \Phi_{696}^2\ \Phi_{348}^2\ \Phi_{174}^2\ \Phi_{116}^2\ \Phi_{87}^2\ \Phi_{58}\ \Phi_{48}\ \Phi_{29}\ \Phi_{24}\ \Phi_{12}\ \Phi_6\ \Phi_4\ \Phi_3\ \Phi_1$
164829	1995	997	$\frac{47}{997}$	$\frac{104}{997}$	$\frac{190}{997}$	$\frac{269}{997}$	$\Phi_{997}^2\ \Phi_1^3$
164830	1995	104	$\frac{1}{26}$	$\frac{1}{8}$	$\frac{5}{26}$	$\frac{7}{26}$	$\Phi_{104}^{22}\ \Phi_{52}^{22}\ \Phi_{26}^{11}\ \Phi_{13}^{11}\ \Phi_8^{21}\ \Phi_4^{21}\ \Phi_2^{10}\ \Phi_1^{11}$
164831	1995	888	$\frac{1}{74}$	$\frac{73}{296}$	$\frac{1}{4}$	$\frac{223}{888}$	$\Phi_{888}^3\ \Phi_{444}^3\ \Phi_{222}^3\ \Phi_{148}^2\ \Phi_{111}^3\ \Phi_{74}\ \Phi_{37}\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_6^3\ \Phi_4\ \Phi_3^3\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164832	1995	408	$\frac{3}{136}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{408}^{6}\ \Phi_{204}^{6}\ \Phi_{136}^{3}\ \Phi_{102}^{6}\ \Phi_{68}^{3}\ \Phi_{51}^{6}\ \Phi_{34}^{3}\ \Phi_{24}^{6}\ \Phi_{17}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164833	1995	528	$\frac{1}{44}$	$\frac{1}{6}$	$\frac{43}{176}$	$\frac{1}{4}$	$\Phi_{528}^{6}\ \Phi_{264}^{6}\ \Phi_{176}^{3}\ \Phi_{88}^{3}\ \Phi_{48}^{6}\ \Phi_{24}^{6}\ \Phi_{16}^{3}\ \Phi_{12}^{2}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164834	1995	144	$\frac{1}{18}$	$\frac{11}{144}$	$\frac{17}{72}$	$\frac{1}{4}$	$\Phi_{144}^{15}\ \Phi_{72}^{12}\ \Phi_{48}^{15}\ \Phi_{36}^{14}\ \Phi_{24}^{12}\ \Phi_{18}^{13}\ \Phi_{16}^{15}\ \Phi_{12}^{14}\ \Phi_{9}^{13}\ \Phi_{8}^{12}\ \Phi_{6}^{13}\ \Phi_{4}^{13}\ \Phi_{3}^{13}\ \Phi_{2}^{12}\ \Phi_{1}^{13}$
164835	1995	864	$\frac{1}{18}$	$\frac{17}{216}$	$\frac{199}{864}$	$\frac{1}{4}$	$\Phi_{864}^{3}\ \Phi_{432}^{3}\ \Phi_{288}^{3}\ \Phi_{144}^{3}\ \Phi_{96}^{3}\ \Phi_{48}^{3}\ \Phi_{36}^{2}\ \Phi_{32}^{3}\ \Phi_{18}\ \Phi_{16}^{3}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164836	1995	72	$\frac{1}{36}$	$\frac{1}{6}$	$\frac{5}{24}$	$\frac{1}{4}$	$\Phi_{72}^{36}\ \Phi_{36}^{21}\ \Phi_{24}^{33}\ \Phi_{18}^{21}\ \Phi_{12}^{20}\ \Phi_{9}^{21}\ \Phi_{8}^{33}\ \Phi_{6}^{19}\ \Phi_{4}^{19}\ \Phi_{3}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
164837	1995	660	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{32}{165}$	$\frac{1}{4}$	$\Phi_{660}^{5}\ \Phi_{330}^{2}\ \Phi_{220}^{5}\ \Phi_{165}^{3}\ \Phi_{110}^{2}\ \Phi_{60}^{5}\ \Phi_{55}^{3}\ \Phi_{30}^{2}\ \Phi_{20}^{5}\ \Phi_{15}^{3}\ \Phi_{12}^{2}\ \Phi_{10}^{2}\ \Phi_{6}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164838	1995	376	$\frac{2}{47}$	$\frac{1}{8}$	$\frac{9}{47}$	$\frac{1}{4}$	$\Phi_{376}^{6}\ \Phi_{188}^{4}\ \Phi_{94}^{4}\ \Phi_{47}^{6}\ \Phi_{8}^{9}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
164839	1995	1332	$\frac{31}{666}$	$\frac{77}{666}$	$\frac{127}{666}$	$\frac{1}{4}$	$\Phi_{1332}^{2}\ \Phi_{666}\ \Phi_{444}^{2}\ \Phi_{333}\ \Phi_{222}\ \Phi_{148}^{2}\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{36}^{2}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164840	1995	148	$\frac{2}{37}$	$\frac{15}{148}$	$\frac{7}{37}$	$\frac{1}{4}$	$\Phi_{148}^{13}\ \Phi_{74}^{13}\ \Phi_{37}^{15}\ \Phi_{4}^{12}\ \Phi_{2}^{12}\ \Phi_{1}^{15}$
164841	1995	324	$\frac{1}{18}$	$\frac{17}{162}$	$\frac{29}{162}$	$\frac{1}{4}$	$\Phi_{324}^{8}\ \Phi_{162}^{4}\ \Phi_{108}^{8}\ \Phi_{81}^{4}\ \Phi_{54}^{4}\ \Phi_{36}^{10}\ \Phi_{27}^{4}\ \Phi_{18}^{5}\ \Phi_{12}^{10}\ \Phi_{9}^{5}\ \Phi_{6}^{5}\ \Phi_{4}^{9}\ \Phi_{3}^{5}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
164842	1995	340	$\frac{1}{20}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{1}{4}$	$\Phi_{340}^{6}\ \Phi_{170}^{6}\ \Phi_{85}^{6}\ \Phi_{68}^{4}\ \Phi_{34}^{4}\ \Phi_{20}^{9}\ \Phi_{17}^{6}\ \Phi_{10}^{9}\ \Phi_{5}^{9}\ \Phi_{4}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
164843	1995	1332	$\frac{29}{666}$	$\frac{91}{666}$	$\frac{115}{666}$	$\frac{1}{4}$	$\Phi_{1332}^{2}\ \Phi_{666}\ \Phi_{444}^{2}\ \Phi_{333}\ \Phi_{222}\ \Phi_{148}^{2}\ \Phi_{111}\ \Phi_{74}\ \Phi_{37}\ \Phi_{36}^{2}\ \Phi_{18}\ \Phi_{12}^{2}\ \Phi_{9}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164844	1995	276	$\frac{5}{138}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{276}^{10}\ \Phi_{138}^{5}\ \Phi_{92}^{10}\ \Phi_{69}^{5}\ \Phi_{46}^{5}\ \Phi_{23}^{5}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164845	1995	792	$\frac{5}{132}$	$\frac{127}{792}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{792}^{3}\ \Phi_{396}^{3}\ \Phi_{264}^{3}\ \Phi_{198}^{3}\ \Phi_{99}^{3}\ \Phi_{88}^{3}\ \Phi_{72}^{3}\ \Phi_{36}^{3}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{12}^{2}\ \Phi_{9}^{3}\ \Phi_{8}^{3}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164846	1995	132	$\frac{1}{22}$	$\frac{3}{22}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{132}^{24}\ \Phi_{66}^{12}\ \Phi_{44}^{12}\ \Phi_{33}^{12}\ \Phi_{22}^{6}\ \Phi_{12}^{26}\ \Phi_{11}^{6}\ \Phi_{6}^{13}\ \Phi_{4}^{13}\ \Phi_{3}^{13}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
164847	1995	120	$\frac{1}{20}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{120}^{24}\ \Phi_{60}^{18}\ \Phi_{40}^{12}\ \Phi_{30}^{18}\ \Phi_{24}^{18}\ \Phi_{20}^{9}\ \Phi_{15}^{18}\ \Phi_{12}^{14}\ \Phi_{10}^{9}\ \Phi_{8}^{9}\ \Phi_{6}^{13}\ \Phi_{5}^{9}\ \Phi_{4}^{7}\ \Phi_{3}^{13}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
164848	1995	1320	$\frac{3}{44}$	$\frac{41}{440}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1320}^{2}\ \Phi_{660}^{2}\ \Phi_{440}\ \Phi_{330}^{2}\ \Phi_{264}^{2}\ \Phi_{220}\ \Phi_{165}^{2}\ \Phi_{120}^{2}\ \Phi_{110}\ \Phi_{88}\ \Phi_{60}^{2}\ \Phi_{55}\ \Phi_{40}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164849	1995	1716	$\frac{10}{143}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1716}^{2}\ \Phi_{858}\ \Phi_{572}\ \Phi_{429}\ \Phi_{156}^{2}\ \Phi_{143}\ \Phi_{78}\ \Phi_{52}\ \Phi_{39}\ \Phi_{13}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164850	1995	1452	$\frac{5}{66}$	$\frac{61}{726}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1452}^{2}\ \Phi_{726}\ \Phi_{484}^{2}\ \Phi_{363}\ \Phi_{242}\ \Phi_{121}\ \Phi_{12}^{2}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164851	1995	144	$\frac{11}{144}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{144}^{15}\ \Phi_{72}^{15}\ \Phi_{48}^{15}\ \Phi_{36}^{15}\ \Phi_{24}^{15}\ \Phi_{18}^{15}\ \Phi_{16}^{15}\ \Phi_{12}^{2}\ \Phi_{9}^{15}\ \Phi_{8}^{15}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164852	1995	108	$\frac{1}{18}$	$\frac{13}{108}$	$\frac{17}{108}$	$\frac{1}{4}$	$\Phi_{108}^{18}\ \Phi_{54}^{18}\ \Phi_{36}^{20}\ \Phi_{27}^{18}\ \Phi_{18}^{19}\ \Phi_{12}^{20}\ \Phi_{9}^{19}\ \Phi_{6}^{19}\ \Phi_{4}^{19}\ \Phi_{3}^{19}\ \Phi_{2}^{18}\ \Phi_{1}^{19}$
164853	1995	352	$\frac{1}{22}$	$\frac{1}{8}$	$\frac{67}{352}$	$\frac{21}{88}$	$\Phi_{352}^{7}\ \Phi_{176}^{7}\ \Phi_{88}^{2}\ \Phi_{44}^{2}\ \Phi_{32}^{7}\ \Phi_{22}\ \Phi_{16}^{7}\ \Phi_{11}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
164854	1995	192	$\frac{1}{16}$	$\frac{7}{64}$	$\frac{1}{6}$	$\frac{15}{64}$	$\Phi_{192}^{12}\ \Phi_{96}^{12}\ \Phi_{64}^{6}\ \Phi_{48}^{14}\ \Phi_{32}^{6}\ \Phi_{24}^{14}\ \Phi_{16}^{7}\ \Phi_{12}^{14}\ \Phi_{8}^{7}\ \Phi_{6}^{13}\ \Phi_{4}^{7}\ \Phi_{3}^{13}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
164855	1995	1560	$\frac{9}{130}$	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{121}{520}$	$\Phi_{1560}^{2}\ \Phi_{780}^{2}\ \Phi_{520}\ \Phi_{312}^{2}\ \Phi_{260}\ \Phi_{156}^{2}\ \Phi_{120}^{2}\ \Phi_{104}\ \Phi_{60}^{2}\ \Phi_{52}\ \Phi_{40}\ \Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164856	1995	1536	$\frac{1}{16}$	$\frac{15}{128}$	$\frac{1}{6}$	$\frac{113}{512}$	$\Phi_{1536}^{2}\ \Phi_{768}^{2}\ \Phi_{512}\ \Phi_{256}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{16}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164857	1995	728	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{12}{91}$	$\frac{79}{364}$	$\Phi_{728}^{3}\ \Phi_{364}^{2}\ \Phi_{182}^{2}\ \Phi_{104}^{4}\ \Phi_{91}^{3}\ \Phi_{56}^{3}\ \Phi_{52}^{3}\ \Phi_{28}^{2}\ \Phi_{26}^{3}\ \Phi_{14}^{2}\ \Phi_{13}^{3}\ \Phi_{8}^{3}\ \Phi_{7}^{3}\ \Phi_{4}^{2}\ \Phi_{2}^{2}\ \Phi_{1}^{3}$
164858	1995	312	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{5}{26}$	$\frac{5}{24}$	$\Phi_{312}^{8}\ \Phi_{156}^{8}\ \Phi_{104}^{8}\ \Phi_{52}^{8}\ \Phi_{26}^{4}\ \Phi_{24}^{9}\ \Phi_{13}^{4}\ \Phi_{12}^{9}\ \Phi_{8}^{9}\ \Phi_{4}^{9}\ \Phi_{2}^{4}\ \Phi_{1}^{5}$
164859	1995	264	$\frac{1}{22}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{264}^{10}\ \Phi_{132}^{10}\ \Phi_{88}^{10}\ \Phi_{66}^{2}\ \Phi_{44}^{10}\ \Phi_{33}^{2}\ \Phi_{24}^{5}\ \Phi_{22}\ \Phi_{12}^{5}\ \Phi_{11}\ \Phi_{8}^{5}\ \Phi_{6}\ \Phi_{4}^{5}\ \Phi_{3}\ \Phi_{1}$
164860	1995	312	$\frac{3}{52}$	$\frac{7}{52}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{312}^{8}\ \Phi_{156}^{4}\ \Phi_{104}^{8}\ \Phi_{78}^{4}\ \Phi_{52}^{6}\ \Phi_{39}^{4}\ \Phi_{26}^{6}\ \Phi_{24}^{9}\ \Phi_{13}^{6}\ \Phi_{12}^{5}\ \Phi_{8}^{9}\ \Phi_{6}^{4}\ \Phi_{4}^{7}\ \Phi_{3}^{4}\ \Phi_{2}^{6}\ \Phi_{1}^{7}$
164861	1995	48	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{48}^{42}\ \Phi_{24}^{37}\ \Phi_{16}^{49}\ \Phi_{12}^{37}\ \Phi_{8}^{43}\ \Phi_{6}^{36}\ \Phi_{4}^{43}\ \Phi_{3}^{36}\ \Phi_{2}^{42}\ \Phi_{1}^{43}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164862	1995	312	$\frac{1}{13}$	$\frac{4}{39}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{312}^{8}\ \Phi_{156}^{8}\ \Phi_{104}^{8}\ \Phi_{52}^{8}\ \Phi_{39}^{3}\ \Phi_{24}^{9}\ \Phi_{13}^{2}\ \Phi_{12}^{9}\ \Phi_{8}^{9}\ \Phi_{4}^{9}\ \Phi_{3}^{3}\ \Phi_{1}^{3}$
164863	1995	1500	$\frac{1}{25}$	$\frac{1}{6}$	$\frac{24}{125}$	$\frac{101}{500}$	$\Phi_{1500}^{2}\ \Phi_{750}\ \Phi_{500}\ \Phi_{375}\ \Phi_{300}^{2}\ \Phi_{150}^{2}\ \Phi_{125}\ \Phi_{100}\ \Phi_{75}^{2}\ \Phi_{60}^{2}\ \Phi_{50}$ $\Phi_{30}^{2}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164864	1995	1175	$\frac{2}{47}$	$\frac{4}{25}$	$\frac{9}{47}$	$\frac{1}{5}$	$\Phi_{1175}^{2}\ \Phi_{47}^{2}\ \Phi_{25}^{3}\ \Phi_{1}^{3}$
164865	1995	300	$\frac{1}{20}$	$\frac{4}{25}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{300}^{10}\ \Phi_{150}^{9}\ \Phi_{100}^{5}\ \Phi_{75}^{9}\ \Phi_{60}^{2}\ \Phi_{50}^{4}\ \Phi_{30}^{2}\ \Phi_{25}^{5}\ \Phi_{20}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}$ $\Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164866	1995	1190	$\frac{1}{14}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{13}{70}$	$\Phi_{1190}^{2}\ \Phi_{595}^{2}\ \Phi_{170}^{2}\ \Phi_{85}^{2}\ \Phi_{70}^{3}\ \Phi_{35}^{3}\ \Phi_{17}^{2}\ \Phi_{10}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{3}$
164867	1995	840	$\frac{1}{14}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{13}{70}$	$\Phi_{840}^{4}\ \Phi_{420}^{4}\ \Phi_{280}^{2}\ \Phi_{210}^{2}\ \Phi_{140}^{2}\ \Phi_{120}^{4}\ \Phi_{105}^{2}\ \Phi_{70}\ \Phi_{60}^{4}\ \Phi_{40}^{2}\ \Phi_{35}$ $\Phi_{30}^{2}\ \Phi_{24}^{2}\ \Phi_{20}^{2}\ \Phi_{15}^{2}\ \Phi_{12}^{2}\ \Phi_{10}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164868	1995	88	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{3}{22}$	$\frac{2}{11}$	$\Phi_{88}^{26}\ \Phi_{44}^{26}\ \Phi_{22}^{11}\ \Phi_{11}^{15}\ \Phi_{8}^{25}\ \Phi_{4}^{25}\ \Phi_{2}^{10}\ \Phi_{1}^{15}$
164869	1995	357	$\frac{2}{21}$	$\frac{2}{17}$	$\frac{1}{7}$	$\frac{3}{17}$	$\Phi_{357}^{6}\ \Phi_{119}^{4}\ \Phi_{51}^{6}\ \Phi_{21}^{9}\ \Phi_{17}^{6}\ \Phi_{7}^{6}\ \Phi_{3}^{9}\ \Phi_{1}^{9}$
164870	1995	1088	$\frac{7}{64}$	$\frac{2}{17}$	$\frac{1}{8}$	$\frac{3}{17}$	$\Phi_{1088}^{2}\ \Phi_{544}^{2}\ \Phi_{272}^{2}\ \Phi_{64}^{3}\ \Phi_{32}^{3}\ \Phi_{17}^{2}\ \Phi_{16}^{3}\ \Phi_{1}^{3}$
164871	1995	480	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{1}{6}$	$\frac{27}{160}$	$\Phi_{480}^{6}\ \Phi_{240}^{6}\ \Phi_{160}^{3}\ \Phi_{120}^{6}\ \Phi_{80}^{3}\ \Phi_{60}^{6}\ \Phi_{48}^{2}\ \Phi_{40}^{3}\ \Phi_{30}^{6}\ \Phi_{24}^{2}\ \Phi_{20}^{3}\ \Phi_{16}$ $\Phi_{15}^{6}\ \Phi_{12}^{2}\ \Phi_{10}^{3}\ \Phi_{8}\ \Phi_{6}\ \Phi_{5}^{3}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164872	1995	168	$\frac{2}{21}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{168}^{13}\ \Phi_{84}^{13}\ \Phi_{56}^{14}\ \Phi_{42}^{5}\ \Phi_{28}^{14}\ \Phi_{24}^{15}\ \Phi_{21}^{8}\ \Phi_{14}^{6}\ \Phi_{12}^{15}\ \Phi_{8}^{15}\ \Phi_{7}^{8}\ \Phi_{6}^{6}\ \Phi_{4}^{15}$ $\Phi_{3}^{9}\ \Phi_{2}^{6}\ \Phi_{1}^{9}$
164873	1995	192	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{6}$	$\Phi_{192}^{14}\ \Phi_{96}^{14}\ \Phi_{64}^{7}\ \Phi_{48}^{14}\ \Phi_{32}^{7}\ \Phi_{24}^{2}\ \Phi_{16}^{7}\ \Phi_{12}^{2}\ \Phi_{8}\ \Phi_{6}\ \Phi_{4}\ \Phi_{3}\ \Phi_{1}$
164874	1996	996	$\frac{1}{498}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{497}{996}$	$\Phi_{996}^{4}\ \Phi_{332}^{4}\ \Phi_{12}^{4}\ \Phi_{4}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
164875	1996	798	$\frac{1}{399}$	$\frac{100}{399}$	$\frac{299}{798}$	$\frac{199}{399}$	$\Phi_{798}^{4}\ \Phi_{399}\ \Phi_{266}^{4}\ \Phi_{133}\ \Phi_{114}^{4}\ \Phi_{57}\ \Phi_{42}^{4}\ \Phi_{38}^{4}\ \Phi_{21}\ \Phi_{19}\ \Phi_{14}^{4}\ \Phi_{7}$ $\Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
164876	1996	666	$\frac{1}{333}$	$\frac{167}{666}$	$\frac{1}{3}$	$\frac{166}{333}$	$\Phi_{666}^{4}\ \Phi_{333}^{2}\ \Phi_{222}^{4}\ \Phi_{111}^{2}\ \Phi_{74}^{4}\ \Phi_{37}^{2}\ \Phi_{18}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{4}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
164877	1996	995	$\frac{3}{995}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{496}{995}$	$\Phi_{995}^{2}\ \Phi_{199}^{2}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
164878	1996	855	$\frac{1}{285}$	$\frac{143}{855}$	$\frac{356}{855}$	$\frac{142}{285}$	$\Phi_{855}^{2}\ \Phi_{285}^{3}\ \Phi_{171}^{2}\ \Phi_{95}^{3}\ \Phi_{57}^{3}\ \Phi_{45}^{2}\ \Phi_{19}^{3}\ \Phi_{15}^{3}\ \Phi_{9}^{2}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
164879	1996	1989	$\frac{7}{1989}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{991}{1989}$	$\Phi_{1989}\ \Phi_{663}\ \Phi_{221}\ \Phi_{153}\ \Phi_{117}\ \Phi_{51}\ \Phi_{39}\ \Phi_{17}\ \Phi_{13}\ \Phi_{9}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
164880	1996	994	$\frac{2}{497}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{495}{994}$	$\Phi_{994}^{4}\ \Phi_{142}^{4}\ \Phi_{14}^{4}\ \Phi_{7}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
164881	1996	665	$\frac{3}{665}$	$\frac{166}{665}$	$\frac{167}{665}$	$\frac{331}{665}$	$\Phi_{665}^{3}\ \Phi_{133}^{3}\ \Phi_{95}^{3}\ \Phi_{35}^{3}\ \Phi_{19}^{3}\ \Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
164882	1996	4960	$\frac{3}{496}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{493}{992}$	$\Phi_{4960}\ \Phi_{160}\ \Phi_{20}\ \Phi_{10}$
164883	1996	931	$\frac{1}{133}$	$\frac{67}{931}$	$\frac{432}{931}$	$\frac{66}{133}$	$\Phi_{931}^{2}\ \Phi_{133}^{3}\ \Phi_{49}^{2}\ \Phi_{19}^{3}\ \Phi_{7}^{3}\ \Phi_{1}^{4}$
164884	1996	990	$\frac{4}{495}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{491}{990}$	$\Phi_{990}^{4}\ \Phi_{330}^{4}\ \Phi_{198}^{4}\ \Phi_{110}^{4}\ \Phi_{90}^{4}\ \Phi_{66}^{4}\ \Phi_{30}^{4}\ \Phi_{22}^{4}\ \Phi_{18}^{4}\ \Phi_{15}\ \Phi_{10}^{4}\ \Phi_{6}^{4}$ $\Phi_{5}\ \Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
164885	1996	990	$\frac{4}{495}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{491}{990}$	$\Phi_{990}^{4}\ \Phi_{330}^{4}\ \Phi_{198}^{4}\ \Phi_{110}^{4}\ \Phi_{90}^{4}\ \Phi_{66}^{4}\ \Phi_{30}^{4}\ \Phi_{22}^{4}\ \Phi_{18}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{2}\ \Phi_{6}^{4}$ $\Phi_{3}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
164886	1996	990	$\frac{4}{495}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{491}{990}$	$\Phi_{990}^{4}\ \Phi_{330}^{4}\ \Phi_{198}^{4}\ \Phi_{110}^{4}\ \Phi_{90}^{4}\ \Phi_{66}^{4}\ \Phi_{30}^{4}\ \Phi_{22}^{4}\ \Phi_{18}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}$ $\Phi_{2}^{4}\ \Phi_{1}^{4}$
164887	1996	555	$\frac{1}{111}$	$\frac{56}{555}$	$\frac{1}{3}$	$\frac{55}{111}$	$\Phi_{555}^{4}\ \Phi_{185}^{4}\ \Phi_{111}^{2}\ \Phi_{37}^{2}\ \Phi_{15}^{4}\ \Phi_{5}^{4}\ \Phi_{3}\ \Phi_{1}^{2}$
164888	1996	945	$\frac{1}{105}$	$\frac{53}{945}$	$\frac{446}{945}$	$\frac{52}{105}$	$\Phi_{945}^{2}\ \Phi_{315}^{2}\ \Phi_{189}^{2}\ \Phi_{135}^{2}\ \Phi_{105}^{3}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{35}^{3}\ \Phi_{27}^{2}\ \Phi_{21}^{3}\ \Phi_{15}^{3}\ \Phi_{9}^{2}$ $\Phi_{7}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{1}^{4}$
164889	1996	630	$\frac{1}{105}$	$\frac{53}{315}$	$\frac{131}{630}$	$\frac{52}{105}$	$\Phi_{630}^{4}\ \Phi_{315}^{2}\ \Phi_{210}^{4}\ \Phi_{126}^{4}\ \Phi_{105}^{3}\ \Phi_{90}^{4}\ \Phi_{70}^{4}\ \Phi_{63}^{2}\ \Phi_{45}^{2}\ \Phi_{42}^{4}\ \Phi_{35}^{3}\ \Phi_{30}^{4}$ $\Phi_{21}^{3}\ \Phi_{18}^{4}\ \Phi_{15}^{3}\ \Phi_{14}^{4}\ \Phi_{10}^{4}\ \Phi_{9}^{2}\ \Phi_{7}^{3}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{3}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
164890	1996	600	$\frac{1}{100}$	$\frac{101}{600}$	$\frac{1}{5}$	$\frac{99}{200}$	$\Phi_{600}^{4}\ \Phi_{300}^{4}\ \Phi_{150}^{4}\ \Phi_{120}^{4}\ \Phi_{100}^{4}\ \Phi_{75}^{4}\ \Phi_{60}^{4}\ \Phi_{50}^{4}\ \Phi_{30}^{4}\ \Phi_{25}^{4}\ \Phi_{24}^{4}\ \Phi_{20}^{4}$ $\Phi_{15}^{4}\ \Phi_{12}^{4}\ \Phi_{10}^{4}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{4}^{4}\ \Phi_{3}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
164891	1996	988	$\frac{5}{494}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{489}{988}$	$\Phi_{988}^{4}\ \Phi_{76}^{4}\ \Phi_{52}^{4}\ \Phi_{19}\ \Phi_{4}^{4}\ \Phi_{1}^{2}$
164892	1996	988	$\frac{5}{494}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{489}{988}$	$\Phi_{988}^{4}\ \Phi_{76}^{4}\ \Phi_{52}^{4}\ \Phi_{19}\ \Phi_{4}^{4}\ \Phi_{1}^{2}$
164893	1996	950	$\frac{1}{95}$	$\frac{24}{475}$	$\frac{451}{950}$	$\frac{47}{95}$	$\Phi_{950}^{4}\ \Phi_{190}^{4}\ \Phi_{95}\ \Phi_{50}^{4}\ \Phi_{38}^{4}\ \Phi_{19}\ \Phi_{10}^{4}\ \Phi_{5}\ \Phi_{2}^{4}\ \Phi_{1}^{2}$
164894	1996	1425	$\frac{1}{95}$	$\frac{48}{475}$	$\frac{427}{1425}$	$\frac{47}{95}$	$\Phi_{1425}^{2}\ \Phi_{285}^{2}\ \Phi_{95}\ \Phi_{75}^{2}\ \Phi_{57}^{2}\ \Phi_{19}\ \Phi_{15}^{2}\ \Phi_{5}\ \Phi_{3}^{2}\ \Phi_{1}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164895	1996	570	$\frac{1}{95}$	$\frac{71}{570}$	$\frac{24}{95}$	$\frac{47}{95}$	$\Phi_{570}^4\ \Phi_{285}^4\ \Phi_{190}^4\ \Phi_{114}^4\ \Phi_{95}\ \Phi_{57}^4\ \Phi_{38}^4\ \Phi_{30}^4\ \Phi_{19}\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5\ \Phi_3^4\ \Phi_2^4\ \Phi_1^2$
164896	1996	1975	$\frac{21}{1975}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{977}{1975}$	$\Phi_{1975}\ \Phi_{395}\ \Phi_{79}\ \Phi_{25}^2\ \Phi_5\ \Phi_1^2$
164897	1996	987	$\frac{11}{987}$	$\frac{1}{21}$	$\frac{10}{21}$	$\frac{488}{987}$	$\Phi_{987}^2\ \Phi_{329}^2\ \Phi_{141}^2\ \Phi_{47}^2\ \Phi_{21}^3\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
164898	1996	1971	$\frac{25}{1971}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{973}{1971}$	$\Phi_{1971}\ \Phi_{657}\ \Phi_{219}\ \Phi_{73}\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
164899	1996	969	$\frac{1}{57}$	$\frac{29}{969}$	$\frac{470}{969}$	$\frac{28}{57}$	$\Phi_{969}^2\ \Phi_{323}^2\ \Phi_{57}^3\ \Phi_{51}^2\ \Phi_{19}^3\ \Phi_{17}^2\ \Phi_3^3\ \Phi_1^4$
164900	1996	980	$\frac{9}{490}$	$\frac{1}{35}$	$\frac{17}{35}$	$\frac{481}{980}$	$\Phi_{980}^4\ \Phi_{196}^4\ \Phi_{140}^4\ \Phi_{35}\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_7\ \Phi_5\ \Phi_4^4\ \Phi_1^2$
164901	1996	980	$\frac{9}{490}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{481}{980}$	$\Phi_{980}^4\ \Phi_{196}^4\ \Phi_{140}^4\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
164902	1996	1953	$\frac{43}{1953}$	$\frac{1}{21}$	$\frac{20}{63}$	$\frac{955}{1953}$	$\Phi_{1953}\ \Phi_{651}\ \Phi_{279}\ \Phi_{217}\ \Phi_{93}\ \Phi_{63}^2\ \Phi_{31}\ \Phi_{21}\ \Phi_9^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
164903	1996	975	$\frac{23}{975}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{476}{975}$	$\Phi_{975}^2\ \Phi_{325}^2\ \Phi_{195}^2\ \Phi_{75}^2\ \Phi_{65}^2\ \Phi_{39}^2\ \Phi_{25}^4\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_5^3\ \Phi_3^2\ \Phi_1^4$
164904	1996	972	$\frac{13}{486}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{473}{972}$	$\Phi_{972}^4\ \Phi_{324}^4\ \Phi_{108}^4\ \Phi_{36}^4\ \Phi_{27}^2\ \Phi_{12}^4\ \Phi_9^2\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
164905	1996	1554	$\frac{1}{37}$	$\frac{19}{518}$	$\frac{1}{3}$	$\frac{18}{37}$	$\Phi_{1554}^2\ \Phi_{777}^2\ \Phi_{222}^2\ \Phi_{111}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_6^2$
164906	1996	735	$\frac{1}{35}$	$\frac{9}{245}$	$\frac{236}{735}$	$\frac{17}{35}$	$\Phi_{735}^4\ \Phi_{147}^4\ \Phi_{105}^4\ \Phi_{35}\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_7\ \Phi_5\ \Phi_3^4\ \Phi_1^2$
164907	1996	525	$\frac{1}{35}$	$\frac{26}{525}$	$\frac{9}{35}$	$\frac{17}{35}$	$\Phi_{525}^4\ \Phi_{175}^4\ \Phi_{105}^4\ \Phi_{75}^4\ \Phi_{35}\ \Phi_{25}^4\ \Phi_{21}^4\ \Phi_{15}^4\ \Phi_7\ \Phi_5\ \Phi_3^4\ \Phi_1^2$
164908	1996	1225	$\frac{1}{35}$	$\frac{18}{245}$	$\frac{227}{1225}$	$\frac{17}{35}$	$\Phi_{1225}^2\ \Phi_{175}^2\ \Phi_{35}\ \Phi_{25}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
164909	1996	560	$\frac{1}{35}$	$\frac{61}{560}$	$\frac{9}{70}$	$\frac{17}{35}$	$\Phi_{560}^4\ \Phi_{280}^4\ \Phi_{140}^4\ \Phi_{112}^4\ \Phi_{80}^4\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{35}\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_8^4\ \Phi_7\ \Phi_5\ \Phi_4^4\ \Phi_1^2$
164910	1996	672	$\frac{5}{168}$	$\frac{1}{21}$	$\frac{173}{672}$	$\frac{163}{336}$	$\Phi_{672}^4\ \Phi_{224}^4\ \Phi_{168}^4\ \Phi_{96}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{32}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_8^4\ \Phi_7^3\ \Phi_6^4\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
164911	1996	546	$\frac{3}{91}$	$\frac{47}{546}$	$\frac{1}{7}$	$\frac{44}{91}$	$\Phi_{546}^4\ \Phi_{273}^4\ \Phi_{182}^4\ \Phi_{91}^2\ \Phi_{78}^4\ \Phi_{42}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{21}^4\ \Phi_{14}^4\ \Phi_{13}^2\ \Phi_7\ \Phi_6^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^2$
164912	1996	966	$\frac{16}{483}$	$\frac{1}{21}$	$\frac{5}{21}$	$\frac{467}{966}$	$\Phi_{966}^4\ \Phi_{322}^4\ \Phi_{138}^4\ \Phi_{46}^4\ \Phi_{42}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_7^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
164913	1996	1925	$\frac{71}{1925}$	$\frac{6}{77}$	$\frac{1}{7}$	$\frac{927}{1925}$	$\Phi_{1925}\ \Phi_{385}\ \Phi_{275}\ \Phi_{175}\ \Phi_{77}^2\ \Phi_{55}\ \Phi_{35}\ \Phi_{25}\ \Phi_{11}^2\ \Phi_7\ \Phi_5\ \Phi_1^2$
164914	1996	513	$\frac{14}{513}$	$\frac{1}{27}$	$\frac{1}{3}$	$\frac{13}{27}$	$\Phi_{513}^4\ \Phi_{171}^4\ \Phi_{57}^4\ \Phi_{27}^2\ \Phi_{19}^4\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
164915	1996	2886	$\frac{1}{37}$	$\frac{18}{481}$	$\frac{1}{3}$	$\frac{463}{962}$	$\Phi_{2886}^2\ \Phi_{222}^2\ \Phi_{111}\ \Phi_{78}^2\ \Phi_6^2$
164916	1996	539	$\frac{3}{77}$	$\frac{40}{539}$	$\frac{1}{7}$	$\frac{37}{77}$	$\Phi_{539}^4\ \Phi_{77}^2\ \Phi_{49}^4\ \Phi_{11}^2\ \Phi_7\ \Phi_1^2$
164917	1996	960	$\frac{19}{480}$	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{461}{960}$	$\Phi_{960}^4\ \Phi_{320}^4\ \Phi_{192}^4\ \Phi_{64}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
164918	1996	1911	$\frac{85}{1911}$	$\frac{6}{91}$	$\frac{1}{7}$	$\frac{913}{1911}$	$\Phi_{1911}\ \Phi_{637}\ \Phi_{273}\ \Phi_{147}\ \Phi_{91}^2\ \Phi_{49}\ \Phi_{39}\ \Phi_{21}\ \Phi_{13}^2\ \Phi_7\ \Phi_3\ \Phi_1^2$
164919	1996	520	$\frac{21}{520}$	$\frac{1}{20}$	$\frac{1}{5}$	$\frac{19}{40}$	$\Phi_{520}^4\ \Phi_{260}^4\ \Phi_{130}^4\ \Phi_{104}^4\ \Phi_{65}^4\ \Phi_{52}^4\ \Phi_{26}^4\ \Phi_{20}^4\ \Phi_{13}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
164920	1996	950	$\frac{1}{25}$	$\frac{24}{475}$	$\frac{1}{5}$	$\frac{451}{950}$	$\Phi_{950}^4\ \Phi_{190}^4\ \Phi_{50}^4\ \Phi_{38}^4\ \Phi_{25}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
164921	1996	741	$\frac{5}{247}$	$\frac{1}{19}$	$\frac{242}{741}$	$\frac{9}{19}$	$\Phi_{741}^4\ \Phi_{57}^4\ \Phi_{39}^4\ \Phi_{19}\ \Phi_3^4\ \Phi_1^2$
164922	1996	513	$\frac{14}{513}$	$\frac{1}{19}$	$\frac{5}{19}$	$\frac{9}{19}$	$\Phi_{513}^4\ \Phi_{171}^4\ \Phi_{57}^4\ \Phi_{27}^4\ \Phi_{19}\ \Phi_9^4\ \Phi_3^4\ \Phi_1^2$
164923	1996	1235	$\frac{10}{247}$	$\frac{1}{19}$	$\frac{237}{1235}$	$\frac{9}{19}$	$\Phi_{1235}^2\ \Phi_{95}^2\ \Phi_{65}^2\ \Phi_{19}\ \Phi_5^2\ \Phi_1^2$
164924	1996	532	$\frac{1}{19}$	$\frac{33}{532}$	$\frac{5}{38}$	$\frac{9}{19}$	$\Phi_{532}^4\ \Phi_{266}^4\ \Phi_{133}^4\ \Phi_{76}^4\ \Phi_{28}^4\ \Phi_{19}\ \Phi_{14}^4\ \Phi_7^4\ \Phi_4^4\ \Phi_1^2$
164925	1996	945	$\frac{1}{21}$	$\frac{53}{945}$	$\frac{10}{63}$	$\frac{446}{945}$	$\Phi_{945}^2\ \Phi_{315}^2\ \Phi_{189}^2\ \Phi_{135}^2\ \Phi_{105}^2\ \Phi_{63}^4\ \Phi_{45}^2\ \Phi_{35}^2\ \Phi_{27}^2\ \Phi_{21}^3\ \Phi_{15}^2\ \Phi_9^4\ \Phi_7^3\ \Phi_5^2\ \Phi_3^3\ \Phi_1^4$
164926	1996	1887	$\frac{2}{111}$	$\frac{109}{1887}$	$\frac{1}{3}$	$\frac{889}{1887}$	$\Phi_{1887}\ \Phi_{629}\ \Phi_{111}^2\ \Phi_{51}\ \Phi_{37}^2\ \Phi_{17}\ \Phi_3\ \Phi_1^2$
164927	1996	1881	$\frac{1}{57}$	$\frac{115}{1881}$	$\frac{56}{171}$	$\frac{883}{1881}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{209}\ \Phi_{171}^2\ \Phi_{99}\ \Phi_{57}\ \Phi_{33}\ \Phi_{19}\ \Phi_{11}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
164928	1996	1875	$\frac{4}{125}$	$\frac{121}{1875}$	$\frac{1}{5}$	$\frac{877}{1875}$	$\Phi_{1875}\ \Phi_{625}\ \Phi_{375}\ \Phi_{125}^2\ \Phi_{75}\ \Phi_{25}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
164929	1996	1485	$\frac{8}{495}$	$\frac{1}{15}$	$\frac{487}{1485}$	$\frac{7}{15}$	$\Phi_{1485}^2\ \Phi_{297}^2\ \Phi_{135}^2\ \Phi_{27}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
164930	1996	510	$\frac{11}{510}$	$\frac{1}{15}$	$\frac{4}{15}$	$\frac{7}{15}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{170}^4\ \Phi_{102}^4\ \Phi_{85}^4\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{30}^4\ \Phi_{17}^4\ \Phi_{15}\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5\ \Phi_3\ \Phi_2^4\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164931	1996	660	$\frac{4}{165}$	$\frac{1}{15}$	$\frac{161}{660}$	$\frac{7}{15}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{220}^4\ \Phi_{132}^4\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{60}^4\ \Phi_{44}^4\ \Phi_{30}^4\ \Phi_{22}^4\ \Phi_{20}^4\ \Phi_{15}$ $\Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
164932	1996	1035	$\frac{37}{1035}$	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{1035}^2\ \Phi_{345}^2\ \Phi_{207}^2\ \Phi_{115}^2\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_{15}\ \Phi_5\ \Phi_3\ \Phi_1^2$
164933	1996	1155	$\frac{8}{165}$	$\frac{1}{15}$	$\frac{157}{1155}$	$\frac{7}{15}$	$\Phi_{1155}^2\ \Phi_{385}^2\ \Phi_{231}^2\ \Phi_{105}^2\ \Phi_{77}^2\ \Phi_{35}^2\ \Phi_{21}^2\ \Phi_{15}\ \Phi_7^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
164934	1996	540	$\frac{1}{15}$	$\frac{41}{540}$	$\frac{4}{45}$	$\frac{7}{15}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{20}^4$ $\Phi_{18}^4\ \Phi_{15}\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
164935	1996	924	$\frac{3}{77}$	$\frac{37}{462}$	$\frac{1}{7}$	$\frac{425}{924}$	$\Phi_{924}^4\ \Phi_{308}^4\ \Phi_{132}^4\ \Phi_{84}^4\ \Phi_{77}^2\ \Phi_{44}^4\ \Phi_{28}^4\ \Phi_{12}^4\ \Phi_{11}^2\ \Phi_7\ \Phi_4^4\ \Phi_1^2$
164936	1996	924	$\frac{1}{21}$	$\frac{37}{462}$	$\frac{5}{42}$	$\frac{425}{924}$	$\Phi_{924}^4\ \Phi_{308}^4\ \Phi_{132}^4\ \Phi_{84}^4\ \Phi_{44}^4\ \Phi_{42}^4\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_7^3\ \Phi_6^4$ $\Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
164937	1996	684	$\frac{1}{57}$	$\frac{14}{171}$	$\frac{185}{684}$	$\frac{157}{342}$	$\Phi_{684}^4\ \Phi_{228}^4\ \Phi_{171}^4\ \Phi_{76}^4\ \Phi_{57}^3\ \Phi_{36}^4\ \Phi_{19}^3\ \Phi_{12}^4\ \Phi_9^4\ \Phi_4^4\ \Phi_3^4\ \Phi_1^4$
164938	1996	912	$\frac{1}{57}$	$\frac{43}{456}$	$\frac{14}{57}$	$\frac{413}{912}$	$\Phi_{912}^4\ \Phi_{304}^4\ \Phi_{57}^3\ \Phi_{48}^4\ \Phi_{19}^3\ \Phi_{16}^4\ \Phi_3^3\ \Phi_1^4$
164939	1996	910	$\frac{3}{91}$	$\frac{44}{455}$	$\frac{1}{7}$	$\frac{411}{910}$	$\Phi_{910}^4\ \Phi_{182}^4\ \Phi_{130}^4\ \Phi_{91}^2\ \Phi_{70}^4\ \Phi_{26}^4\ \Phi_{14}^4\ \Phi_{13}^2\ \Phi_{10}^4\ \Phi_7\ \Phi_2^4\ \Phi_1^2$
164940	1996	900	$\frac{1}{50}$	$\frac{49}{450}$	$\frac{1}{5}$	$\frac{401}{900}$	$\Phi_{900}^4\ \Phi_{300}^4\ \Phi_{180}^4\ \Phi_{100}^4\ \Phi_{60}^4\ \Phi_{50}^4\ \Phi_{36}^4\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_5^3$ $\Phi_4^4\ \Phi_2^4\ \Phi_1^4$
164941	1996	504	$\frac{5}{504}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{72}^4\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{24}^4$ $\Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_7^4\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
164942	1996	888	$\frac{1}{111}$	$\frac{55}{444}$	$\frac{1}{3}$	$\frac{389}{888}$	$\Phi_{888}^4\ \Phi_{296}^4\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_{24}^4\ \Phi_8^4\ \Phi_3\ \Phi_1^2$
164943	1996	882	$\frac{1}{21}$	$\frac{5}{63}$	$\frac{58}{441}$	$\frac{383}{882}$	$\Phi_{882}^4\ \Phi_{294}^4\ \Phi_{126}^4\ \Phi_{98}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_9^4\ \Phi_7^3\ \Phi_6^4\ \Phi_3^3$ $\Phi_2^4\ \Phi_1^4$
164944	1996	875	$\frac{2}{125}$	$\frac{123}{875}$	$\frac{1}{5}$	$\frac{376}{875}$	$\Phi_{875}^2\ \Phi_{175}^2\ \Phi_{125}^4\ \Phi_{35}^2\ \Phi_{25}^4\ \Phi_7^2\ \Phi_5^3\ \Phi_1^4$
164945	1996	1491	$\frac{4}{497}$	$\frac{1}{7}$	$\frac{493}{1491}$	$\frac{3}{7}$	$\Phi_{1491}^2\ \Phi_{213}^2\ \Phi_{21}^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
164946	1996	504	$\frac{5}{504}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{72}^4\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{24}^4$ $\Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_7\ \Phi_6^4\ \Phi_4^4\ \Phi_3^4\ \Phi_2^4\ \Phi_1^2$
164947	1996	855	$\frac{1}{57}$	$\frac{28}{171}$	$\frac{143}{855}$	$\frac{356}{855}$	$\Phi_{855}^2\ \Phi_{285}^2\ \Phi_{171}^4\ \Phi_{95}^2\ \Phi_{57}^3\ \Phi_{45}^2\ \Phi_{19}^3\ \Phi_{15}^2\ \Phi_9^4\ \Phi_5^2\ \Phi_3^3\ \Phi_1^4$
164948	1996	840	$\frac{1}{105}$	$\frac{79}{420}$	$\frac{26}{105}$	$\frac{341}{840}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{168}^4\ \Phi_{120}^4\ \Phi_{105}^3\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{35}^3\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{15}^3\ \Phi_8^4$ $\Phi_7^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
164949	1996	840	$\frac{1}{21}$	$\frac{5}{84}$	$\frac{79}{420}$	$\frac{341}{840}$	$\Phi_{840}^4\ \Phi_{280}^4\ \Phi_{168}^4\ \Phi_{120}^4\ \Phi_{84}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{40}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^3\ \Phi_{14}^4$ $\Phi_{12}^4\ \Phi_8^4\ \Phi_7^3\ \Phi_6^4\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
164950	1996	1665	$\frac{2}{333}$	$\frac{331}{1665}$	$\frac{1}{3}$	$\frac{667}{1665}$	$\Phi_{1665}\ \Phi_{555}\ \Phi_{333}^2\ \Phi_{185}\ \Phi_{111}^2\ \Phi_{45}\ \Phi_{37}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
164951	1996	570	$\frac{1}{57}$	$\frac{71}{570}$	$\frac{14}{57}$	$\frac{43}{114}$	$\Phi_{570}^4\ \Phi_{285}^4\ \Phi_{190}^4\ \Phi_{95}^4\ \Phi_{57}^3\ \Phi_{30}^4\ \Phi_{19}^3\ \Phi_{15}^4\ \Phi_{10}^4\ \Phi_5^4\ \Phi_3^3\ \Phi_1^4$
164952	1996	800	$\frac{1}{100}$	$\frac{1}{5}$	$\frac{99}{400}$	$\frac{301}{800}$	$\Phi_{800}^4\ \Phi_{160}^4\ \Phi_{100}^4\ \Phi_{50}^4\ \Phi_{32}^4\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
164953	1996	630	$\frac{1}{105}$	$\frac{131}{630}$	$\frac{26}{105}$	$\frac{79}{210}$	$\Phi_{630}^4\ \Phi_{315}^4\ \Phi_{126}^4\ \Phi_{105}^3\ \Phi_{90}^4\ \Phi_{63}^4\ \Phi_{45}^4\ \Phi_{35}^3\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{15}^3\ \Phi_9^4$ $\Phi_7^3\ \Phi_5^3\ \Phi_3^3\ \Phi_1^4$
164954	1996	2520	$\frac{5}{504}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{630}\ \Phi_{420}\ \Phi_{360}\ \Phi_{315}\ \Phi_{280}\ \Phi_{210}\ \Phi_{180}$ $\Phi_{140}\ \Phi_{120}\ \Phi_{105}\ \Phi_{90}\ \Phi_{70}\ \Phi_{60}\ \Phi_{45}\ \Phi_{35}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
164955	1996	798	$\frac{1}{133}$	$\frac{33}{133}$	$\frac{100}{399}$	$\frac{299}{798}$	$\Phi_{798}^4\ \Phi_{266}^4\ \Phi_{133}^3\ \Phi_{114}^4\ \Phi_{42}^4\ \Phi_{38}^4\ \Phi_{19}^3\ \Phi_{14}^4\ \Phi_7^3\ \Phi_6^4\ \Phi_2^4\ \Phi_1^4$
164956	1996	1575	$\frac{1}{105}$	$\frac{104}{525}$	$\frac{421}{1575}$	$\frac{577}{1575}$	$\Phi_{1575}\ \Phi_{525}^2\ \Phi_{315}\ \Phi_{225}\ \Phi_{175}^2\ \Phi_{105}\ \Phi_{75}^2\ \Phi_{63}\ \Phi_{45}\ \Phi_{35}\ \Phi_{25}^2$ $\Phi_{21}\ \Phi_{15}\ \Phi_9\ \Phi_7\ \Phi_5\ \Phi_3\ \Phi_1^2$
164957	1996	1539	$\frac{1}{57}$	$\frac{56}{513}$	$\frac{457}{1539}$	$\frac{541}{1539}$	$\Phi_{1539}\ \Phi_{513}^2\ \Phi_{171}^2\ \Phi_{81}\ \Phi_{57}\ \Phi_{27}^2\ \Phi_{19}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
164958	1996	756	$\frac{5}{126}$	$\frac{1}{21}$	$\frac{121}{378}$	$\frac{257}{756}$	$\Phi_{756}^4\ \Phi_{252}^4\ \Phi_{126}^4\ \Phi_{108}^4\ \Phi_{84}^4\ \Phi_{63}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{14}^4$ $\Phi_{12}^4\ \Phi_9^4\ \Phi_7^3\ \Phi_6^4\ \Phi_4^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
164959	1996	750	$\frac{1}{125}$	$\frac{1}{5}$	$\frac{124}{375}$	$\frac{251}{750}$	$\Phi_{750}^4\ \Phi_{250}^4\ \Phi_{150}^4\ \Phi_{125}^4\ \Phi_{50}^4\ \Phi_{30}^4\ \Phi_{25}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
164960	1996	501	$\frac{2}{501}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{501}^4\ \Phi_{167}^4\ \Phi_3\ \Phi_1^2$
164961	1996	747	$\frac{1}{249}$	$\frac{248}{747}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{747}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
164962	1996	1992	$\frac{1}{166}$	$\frac{165}{664}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1992}\ \Phi_{996}\ \Phi_{664}^2\ \Phi_{332}^2\ \Phi_{24}\ \Phi_{12}\ \Phi_8^2\ \Phi_4^2\ \Phi_3\ \Phi_1^2$
164963	1996	1245	$\frac{2}{249}$	$\frac{247}{1245}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1245}^2\ \Phi_{415}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164964	1996	504	$\frac{5}{504}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{504}^4\ \Phi_{252}^4\ \Phi_{168}^4\ \Phi_{126}^4\ \Phi_{84}^4\ \Phi_{72}^4\ \Phi_{63}^4\ \Phi_{56}^4\ \Phi_{42}^4\ \Phi_{36}^4\ \Phi_{28}^4\ \Phi_{24}^4\ \Phi_{21}^4\ \Phi_{18}^4\ \Phi_{14}^4\ \Phi_{12}^4\ \Phi_9^4\ \Phi_8^4\ \Phi_7^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
164965	1996	1743	$\frac{1}{83}$	$\frac{82}{581}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1743}\ \Phi_{581}^2\ \Phi_{21}\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
164966	1996	1485	$\frac{8}{495}$	$\frac{1}{9}$	$\frac{487}{1485}$	$\frac{1}{3}$	$\Phi_{1485}^2\ \Phi_{297}^2\ \Phi_{135}^2\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
164967	1996	1053	$\frac{1}{27}$	$\frac{55}{1053}$	$\frac{26}{81}$	$\frac{1}{3}$	$\Phi_{1053}^2\ \Phi_{351}^2\ \Phi_{117}^2\ \Phi_{39}^2\ \Phi_{27}^2\ \Phi_{13}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
164968	1996	729	$\frac{1}{27}$	$\frac{13}{243}$	$\frac{230}{729}$	$\frac{1}{3}$	$\Phi_{729}^4\ \Phi_{27}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
164969	1996	1443	$\frac{1}{37}$	$\frac{36}{481}$	$\frac{445}{1443}$	$\frac{1}{3}$	$\Phi_{1443}\ \Phi_{481}^2\ \Phi_{111}^2\ \Phi_{39}\ \Phi_{37}^2\ \Phi_{13}^2\ \Phi_3\ \Phi_1^2$
164970	1996	666	$\frac{1}{111}$	$\frac{55}{222}$	$\frac{167}{666}$	$\frac{1}{3}$	$\Phi_{666}^4\ \Phi_{333}^4\ \Phi_{111}^2\ \Phi_{37}^2\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3\ \Phi_1^2$
164971	1996	540	$\frac{1}{27}$	$\frac{41}{540}$	$\frac{13}{54}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{27}^2\ \Phi_{20}^4\ \Phi_{15}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^2\ \Phi_5^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
164972	1996	648	$\frac{1}{27}$	$\frac{13}{162}$	$\frac{149}{648}$	$\frac{1}{3}$	$\Phi_{648}^4\ \Phi_{324}^4\ \Phi_{216}^4\ \Phi_{108}^4\ \Phi_{72}^4\ \Phi_{36}^4\ \Phi_{27}^2\ \Phi_{24}^4\ \Phi_{12}^4\ \Phi_9^2\ \Phi_8^4\ \Phi_4^4\ \Phi_3\ \Phi_1^2$
164973	1996	1071	$\frac{7}{153}$	$\frac{73}{1071}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1071}^2\ \Phi_{357}^2\ \Phi_{153}\ \Phi_{119}^2\ \Phi_{63}^2\ \Phi_{51}\ \Phi_{21}^2\ \Phi_{17}\ \Phi_9^2\ \Phi_7^2\ \Phi_3\ \Phi_1^2$
164974	1996	1053	$\frac{55}{1053}$	$\frac{7}{117}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{1053}^2\ \Phi_{351}^2\ \Phi_{117}\ \Phi_{81}^2\ \Phi_{39}\ \Phi_{27}^2\ \Phi_{13}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
164975	1996	1215	$\frac{1}{27}$	$\frac{26}{243}$	$\frac{217}{1215}$	$\frac{1}{3}$	$\Phi_{1215}^2\ \Phi_{405}^2\ \Phi_{135}^2\ \Phi_{45}^2\ \Phi_{27}^2\ \Phi_{15}^2\ \Phi_9^2\ \Phi_5^2\ \Phi_3\ \Phi_1^2$
164976	1996	1035	$\frac{37}{1035}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{1035}^2\ \Phi_{345}^2\ \Phi_{207}^2\ \Phi_{115}^2\ \Phi_{69}^2\ \Phi_{23}^2\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
164977	1996	567	$\frac{1}{27}$	$\frac{68}{567}$	$\frac{13}{81}$	$\frac{1}{3}$	$\Phi_{567}^4\ \Phi_{189}^4\ \Phi_{63}^4\ \Phi_{27}^2\ \Phi_{21}^4\ \Phi_9^2\ \Phi_7^4\ \Phi_3\ \Phi_1^2$
164978	1996	594	$\frac{4}{99}$	$\frac{1}{9}$	$\frac{95}{594}$	$\frac{1}{3}$	$\Phi_{594}^4\ \Phi_{297}^4\ \Phi_{198}^4\ \Phi_{66}^4\ \Phi_{54}^4\ \Phi_{27}^4\ \Phi_{22}^4\ \Phi_{18}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
164979	1996	540	$\frac{41}{540}$	$\frac{4}{45}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_9^2\ \Phi_6^4\ \Phi_4^4\ \Phi_3\ \Phi_2^4\ \Phi_1^2$
164980	1996	1089	$\frac{8}{99}$	$\frac{91}{1089}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{1089}^2\ \Phi_{363}^2\ \Phi_{121}\ \Phi_9^2\ \Phi_3\ \Phi_1^2$
164981	1996	3720	$\frac{3}{248}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{245}{744}$	$\Phi_{3720}\ \Phi_{1860}\ \Phi_{930}\ \Phi_{465}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{10}$
164982	1996	600	$\frac{1}{50}$	$\frac{101}{600}$	$\frac{1}{5}$	$\frac{49}{150}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{200}^4\ \Phi_{120}^4\ \Phi_{100}^4\ \Phi_{60}^4\ \Phi_{50}^4\ \Phi_{40}^4\ \Phi_{25}^4\ \Phi_{24}^4\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
164983	1996	741	$\frac{5}{247}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{242}{741}$	$\Phi_{741}^4\ \Phi_{57}^4\ \Phi_{39}^4\ \Phi_{19}\ \Phi_3^4\ \Phi_1^2$
164984	1996	1125	$\frac{4}{125}$	$\frac{127}{1125}$	$\frac{1}{5}$	$\frac{121}{375}$	$\Phi_{1125}^2\ \Phi_{375}\ \Phi_{225}^2\ \Phi_{125}^2\ \Phi_{75}\ \Phi_{45}^2\ \Phi_{25}^2\ \Phi_{15}\ \Phi_9^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
164985	1996	1155	$\frac{3}{77}$	$\frac{157}{1155}$	$\frac{1}{7}$	$\frac{74}{231}$	$\Phi_{1155}^2\ \Phi_{385}^2\ \Phi_{165}^2\ \Phi_{105}^2\ \Phi_{77}^2\ \Phi_{55}^2\ \Phi_{35}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_5^2\ \Phi_1^2$
164986	1996	540	$\frac{1}{20}$	$\frac{41}{540}$	$\frac{1}{5}$	$\frac{19}{60}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{54}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{27}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
164987	1996	546	$\frac{6}{91}$	$\frac{47}{546}$	$\frac{1}{7}$	$\frac{85}{273}$	$\Phi_{546}^4\ \Phi_{273}^3\ \Phi_{182}^4\ \Phi_{91}^4\ \Phi_{78}^4\ \Phi_{42}^4\ \Phi_{39}^4\ \Phi_{26}^4\ \Phi_{21}^3\ \Phi_{14}^4\ \Phi_{13}^4\ \Phi_7^3\ \Phi_6^4\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
164988	1996	720	$\frac{1}{20}$	$\frac{19}{240}$	$\frac{1}{5}$	$\frac{221}{720}$	$\Phi_{720}^4\ \Phi_{360}^4\ \Phi_{180}^4\ \Phi_{144}^4\ \Phi_{90}^4\ \Phi_{72}^4\ \Phi_{45}^4\ \Phi_{36}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
164989	1996	525	$\frac{26}{525}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{75}$	$\Phi_{525}^4\ \Phi_{175}^4\ \Phi_{105}^4\ \Phi_{75}^2\ \Phi_{35}^4\ \Phi_{25}^4\ \Phi_{21}^4\ \Phi_{15}^2\ \Phi_7^4\ \Phi_5^3\ \Phi_3^2\ \Phi_1^4$
164990	1996	567	$\frac{1}{21}$	$\frac{68}{567}$	$\frac{10}{63}$	$\frac{53}{189}$	$\Phi_{567}^4\ \Phi_{189}^2\ \Phi_{81}^4\ \Phi_{63}^4\ \Phi_{27}^2\ \Phi_{21}^3\ \Phi_9^4\ \Phi_7^3\ \Phi_3^3\ \Phi_1^4$
164991	1996	693	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{37}{231}$	$\frac{194}{693}$	$\Phi_{693}^4\ \Phi_{99}^4\ \Phi_{77}^2\ \Phi_{63}^4\ \Phi_{11}^2\ \Phi_9^4\ \Phi_7\ \Phi_1^2$
164992	1996	684	$\frac{1}{57}$	$\frac{43}{228}$	$\frac{14}{57}$	$\frac{185}{684}$	$\Phi_{684}^4\ \Phi_{342}^4\ \Phi_{171}^4\ \Phi_{57}^3\ \Phi_{36}^4\ \Phi_{19}^3\ \Phi_{18}^4\ \Phi_9^4\ \Phi_3^3\ \Phi_1^4$
164993	1996	1365	$\frac{3}{91}$	$\frac{1}{7}$	$\frac{88}{455}$	$\frac{367}{1365}$	$\Phi_{1365}^2\ \Phi_{273}^2\ \Phi_{195}^2\ \Phi_{105}^2\ \Phi_{91}^2\ \Phi_{39}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{13}^2\ \Phi_7\ \Phi_3^2\ \Phi_1^2$
164994	1996	510	$\frac{11}{510}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{4}{15}$	$\Phi_{510}^4\ \Phi_{255}^4\ \Phi_{170}^4\ \Phi_{102}^4\ \Phi_{85}^4\ \Phi_{51}^4\ \Phi_{34}^4\ \Phi_{30}^4\ \Phi_{17}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
164995	1996	513	$\frac{14}{513}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{5}{19}$	$\Phi_{513}^4\ \Phi_{171}^4\ \Phi_{57}^4\ \Phi_{27}^4\ \Phi_{19}\ \Phi_9^4\ \Phi_3^4\ \Phi_1^2$
164996	1996	532	$\frac{33}{532}$	$\frac{9}{133}$	$\frac{31}{133}$	$\frac{34}{133}$	$\Phi_{532}^4\ \Phi_{266}^4\ \Phi_{133}^3\ \Phi_{76}^4\ \Phi_{38}^4\ \Phi_{28}^4\ \Phi_{19}^3\ \Phi_{14}^4\ \Phi_7^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
164997	1996	620	$\frac{3}{124}$	$\frac{121}{620}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{620}^3\ \Phi_{310}^3\ \Phi_{155}^3\ \Phi_{124}^4\ \Phi_{62}^4\ \Phi_{31}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
164998	1996	2560	$\frac{13}{512}$	$\frac{3}{16}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{2560}\ \Phi_{1280}\ \Phi_{640}\ \Phi_{320}\ \Phi_{160}\ \Phi_{20}\ \Phi_{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
164999	1996	660	$\frac{4}{165}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{161}{660}$	$\Phi_{660}^4\ \Phi_{330}^4\ \Phi_{220}^4\ \Phi_{132}^4\ \Phi_{110}^4\ \Phi_{66}^4\ \Phi_{60}^4\ \Phi_{44}^4\ \Phi_{30}^4\ \Phi_{22}^4\ \Phi_{20}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
165000	1996	616	$\frac{3}{77}$	$\frac{1}{7}$	$\frac{117}{616}$	$\frac{37}{154}$	$\Phi_{616}^4\ \Phi_{308}^4\ \Phi_{88}^4\ \Phi_{77}^2\ \Phi_{56}^4\ \Phi_{44}^4\ \Phi_{28}^4\ \Phi_{11}^2\ \Phi_8^4\ \Phi_7\ \Phi_4^4\ \Phi_1^2$
165001	1996	560	$\frac{1}{20}$	$\frac{61}{560}$	$\frac{1}{5}$	$\frac{19}{80}$	$\Phi_{560}^4\ \Phi_{280}^4\ \Phi_{140}^4\ \Phi_{112}^4\ \Phi_{70}^4\ \Phi_{56}^4\ \Phi_{35}^4\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_7^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
165002	1996	650	$\frac{23}{325}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{151}{650}$	$\Phi_{650}^4\ \Phi_{325}^2\ \Phi_{130}^4\ \Phi_{65}^2\ \Phi_{50}^4\ \Phi_{26}^4\ \Phi_{25}^4\ \Phi_{13}^2\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
165003	1996	640	$\frac{1}{20}$	$\frac{19}{160}$	$\frac{1}{5}$	$\frac{141}{640}$	$\Phi_{640}^4\ \Phi_{320}^4\ \Phi_{128}^4\ \Phi_{64}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
165004	1996	637	$\frac{6}{91}$	$\frac{85}{637}$	$\frac{1}{7}$	$\frac{138}{637}$	$\Phi_{637}^3\ \Phi_{91}^4\ \Phi_{49}^3\ \Phi_{13}^4\ \Phi_7^3\ \Phi_1^4$
165005	1996	532	$\frac{33}{532}$	$\frac{5}{38}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{532}^4\ \Phi_{266}^4\ \Phi_{133}^4\ \Phi_{76}^4\ \Phi_{28}^4\ \Phi_{19}\ \Phi_{14}^4\ \Phi_7^4\ \Phi_4^4\ \Phi_1^2$
165006	1996	630	$\frac{1}{21}$	$\frac{10}{63}$	$\frac{53}{315}$	$\frac{131}{630}$	$\Phi_{630}^4\ \Phi_{315}^2\ \Phi_{210}^4\ \Phi_{126}^4\ \Phi_{105}^2\ \Phi_{90}^4\ \Phi_{70}^4\ \Phi_{63}^4\ \Phi_{45}^2\ \Phi_{42}^4\ \Phi_{35}^2\ \Phi_{30}^4\ \Phi_{21}^3\ \Phi_{18}^4\ \Phi_{15}^2\ \Phi_{14}^4\ \Phi_{10}^4\ \Phi_9^4\ \Phi_7^3\ \Phi_6^4\ \Phi_5^2\ \Phi_3^3\ \Phi_2^4\ \Phi_1^4$
165007	1996	625	$\frac{4}{125}$	$\frac{121}{625}$	$\frac{1}{5}$	$\frac{126}{625}$	$\Phi_{625}^3\ \Phi_{125}^4\ \Phi_{25}^4\ \Phi_5^3\ \Phi_1^4$
165008	1996	550	$\frac{4}{55}$	$\frac{51}{550}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{550}^4\ \Phi_{275}^4\ \Phi_{110}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{22}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_2^4\ \Phi_1^4$
165009	1996	540	$\frac{41}{540}$	$\frac{4}{45}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{540}^4\ \Phi_{270}^4\ \Phi_{180}^4\ \Phi_{135}^4\ \Phi_{108}^4\ \Phi_{90}^4\ \Phi_{60}^4\ \Phi_{54}^4\ \Phi_{36}^4\ \Phi_{30}^4\ \Phi_{27}^4\ \Phi_{20}^4\ \Phi_{18}^4\ \Phi_{12}^4\ \Phi_{10}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
165010	1996	600	$\frac{1}{20}$	$\frac{19}{120}$	$\frac{101}{600}$	$\frac{1}{5}$	$\Phi_{600}^4\ \Phi_{300}^4\ \Phi_{200}^4\ \Phi_{150}^4\ \Phi_{100}^4\ \Phi_{75}^4\ \Phi_{50}^4\ \Phi_{25}^4\ \Phi_{20}^4\ \Phi_{10}^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
165011	1996	560	$\frac{1}{10}$	$\frac{61}{560}$	$\frac{9}{70}$	$\frac{1}{5}$	$\Phi_{560}^4\ \Phi_{280}^4\ \Phi_{140}^4\ \Phi_{112}^4\ \Phi_{80}^4\ \Phi_{56}^4\ \Phi_{40}^4\ \Phi_{28}^4\ \Phi_{20}^4\ \Phi_{16}^4\ \Phi_{10}^4\ \Phi_8^4\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^4$
165012	1996	1155	$\frac{6}{77}$	$\frac{157}{1155}$	$\frac{1}{7}$	$\frac{71}{385}$	$\Phi_{1155}^2\ \Phi_{385}\ \Phi_{231}^2\ \Phi_{165}^2\ \Phi_{105}^2\ \Phi_{77}^2\ \Phi_{55}\ \Phi_{35}\ \Phi_{33}^2\ \Phi_{21}^2\ \Phi_{15}^2\ \Phi_{11}^2\ \Phi_7\ \Phi_5\ \Phi_3^2\ \Phi_1^2$
165013	1997	3984	$\frac{5}{1992}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1987}{3984}$	$\Phi_{3984}\ \Phi_{1328}\ \Phi_{48}\ \Phi_{16}\ \Phi_8\ \Phi_1$
165014	1997	3968	$\frac{13}{1984}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1971}{3968}$	$\Phi_{3968}\ \Phi_{128}\ \Phi_{16}\ \Phi_8\ \Phi_1$
165015	1997	2400	$\frac{3}{400}$	$\frac{403}{2400}$	$\frac{1}{4}$	$\frac{397}{800}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{600}\ \Phi_{480}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{200}\ \Phi_{150}\ \Phi_{120}\ \Phi_{100}\ \Phi_{96}\ \Phi_{80}\ \Phi_{75}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{30}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_8\ \Phi_6\ \Phi_5\ \Phi_3\ \Phi_1$
165016	1997	3960	$\frac{17}{1980}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1963}{3960}$	$\Phi_{3960}\ \Phi_{1320}\ \Phi_{792}\ \Phi_{440}\ \Phi_{360}\ \Phi_{264}\ \Phi_{120}\ \Phi_{88}\ \Phi_{72}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
165017	1997	3920	$\frac{37}{1960}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1923}{3920}$	$\Phi_{3920}\ \Phi_{784}\ \Phi_{560}\ \Phi_{112}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
165018	1997	2080	$\frac{3}{80}$	$\frac{83}{2080}$	$\frac{1}{4}$	$\frac{77}{160}$	$\Phi_{2080}\ \Phi_{1040}\ \Phi_{520}\ \Phi_{416}\ \Phi_{260}\ \Phi_{208}\ \Phi_{130}\ \Phi_{104}\ \Phi_{80}\ \Phi_{65}\ \Phi_{52}\ \Phi_{40}\ \Phi_{26}\ \Phi_{20}\ \Phi_{16}\ \Phi_{13}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
165019	1997	3840	$\frac{3}{80}$	$\frac{77}{1920}$	$\frac{1}{4}$	$\frac{1843}{3840}$	$\Phi_{3840}\ \Phi_{1280}\ \Phi_{768}\ \Phi_{256}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
165020	1997	3800	$\frac{3}{100}$	$\frac{97}{1900}$	$\frac{1}{4}$	$\frac{1803}{3800}$	$\Phi_{3800}\ \Phi_{760}\ \Phi_{200}\ \Phi_{152}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
165021	1997	3600	$\frac{3}{200}$	$\frac{197}{1800}$	$\frac{1}{4}$	$\frac{1603}{3600}$	$\Phi_{3600}\ \Phi_{1200}\ \Phi_{720}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{144}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
165022	1997	2016	$\frac{19}{2016}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{13}{32}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_6\ \Phi_3\ \Phi_1$
165023	1997	3200	$\frac{3}{400}$	$\frac{397}{1600}$	$\frac{1}{4}$	$\frac{1203}{3200}$	$\Phi_{3200}\ \Phi_{640}\ \Phi_{400}\ \Phi_{200}\ \Phi_{128}\ \Phi_{100}\ \Phi_{80}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
165024	1997	2656	$\frac{5}{664}$	$\frac{659}{2656}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2656}\ \Phi_{1328}\ \Phi_{32}\ \Phi_{16}\ \Phi_8\ \Phi_1$
165025	1997	2016	$\frac{19}{2016}$	$\frac{5}{24}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_9\ \Phi_8\ \Phi_7\ \Phi_1$
165026	1997	3000	$\frac{3}{500}$	$\frac{1}{4}$	$\frac{497}{1500}$	$\frac{1003}{3000}$	$\Phi_{3000}\ \Phi_{1000}\ \Phi_{600}\ \Phi_{500}\ \Phi_{250}\ \Phi_{200}\ \Phi_{125}\ \Phi_{120}\ \Phi_{100}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{24}\ \Phi_{20}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$
165027	1997	2976	$\frac{13}{992}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{979}{2976}$	$\Phi_{2976}\ \Phi_{1488}\ \Phi_{744}\ \Phi_{372}\ \Phi_{186}\ \Phi_{96}\ \Phi_{93}\ \Phi_{48}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_6\ \Phi_3\ \Phi_1$
165028	1997	2400	$\frac{3}{200}$	$\frac{403}{2400}$	$\frac{1}{4}$	$\frac{197}{600}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{240}\ \Phi_{200}\ \Phi_{160}\ \Phi_{100}\ \Phi_{96}\ \Phi_{80}\ \Phi_{50}\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_8\ \Phi_5\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
165029	1997	2160	$\frac{3}{80}$	$\frac{163}{2160}$	$\frac{1}{4}$	$\frac{77}{240}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{108}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{54}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
165030	1997	2880	$\frac{3}{80}$	$\frac{77}{960}$	$\frac{1}{4}$	$\frac{883}{2880}$	$\Phi_{2880}\ \Phi_{1440}\ \Phi_{720}\ \Phi_{576}\ \Phi_{360}\ \Phi_{288}\ \Phi_{180}\ \Phi_{144}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{20}\ \Phi_{18}\ \Phi_{16}\ \Phi_{10}\ \Phi_{9}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
165031	1997	2040	$\frac{43}{2040}$	$\frac{3}{20}$	$\frac{1}{4}$	$\frac{17}{60}$	$\Phi_{2040}\ \Phi_{1020}\ \Phi_{680}\ \Phi_{510}\ \Phi_{408}\ \Phi_{340}\ \Phi_{255}\ \Phi_{204}\ \Phi_{170}\ \Phi_{136}\ \Phi_{120}\ \Phi_{102}\ \Phi_{85}\ \Phi_{68}\ \Phi_{51}\ \Phi_{40}\ \Phi_{34}\ \Phi_{24}\ \Phi_{20}\ \Phi_{17}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
165032	1997	2640	$\frac{17}{660}$	$\frac{3}{20}$	$\frac{643}{2640}$	$\frac{1}{4}$	$\Phi_{2640}\ \Phi_{1320}\ \Phi_{880}\ \Phi_{528}\ \Phi_{440}\ \Phi_{264}\ \Phi_{240}\ \Phi_{176}\ \Phi_{120}\ \Phi_{88}\ \Phi_{80}\ \Phi_{48}\ \Phi_{40}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
165033	1997	2240	$\frac{3}{80}$	$\frac{243}{2240}$	$\frac{77}{320}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{280}\ \Phi_{224}\ \Phi_{140}\ \Phi_{112}\ \Phi_{80}\ \Phi_{70}\ \Phi_{56}\ \Phi_{40}\ \Phi_{35}\ \Phi_{28}\ \Phi_{20}\ \Phi_{16}\ \Phi_{14}\ \Phi_{10}\ \Phi_{8}\ \Phi_{7}\ \Phi_{5}\ \Phi_{1}$
165034	1997	2560	$\frac{3}{80}$	$\frac{77}{640}$	$\frac{563}{2560}$	$\frac{1}{4}$	$\Phi_{2560}\ \Phi_{1280}\ \Phi_{512}\ \Phi_{256}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
165035	1997	2048	$\frac{51}{2048}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{1}{4}$	$\Phi_{2048}\ \Phi_{1024}\ \Phi_{512}\ \Phi_{256}\ \Phi_{128}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
165036	1997	2480	$\frac{13}{496}$	$\frac{3}{16}$	$\frac{483}{2480}$	$\frac{1}{4}$	$\Phi_{2480}\ \Phi_{1240}\ \Phi_{620}\ \Phi_{310}\ \Phi_{155}\ \Phi_{80}\ \Phi_{40}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
165037	1997	2400	$\frac{3}{80}$	$\frac{77}{480}$	$\frac{403}{2400}$	$\frac{1}{4}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{600}\ \Phi_{400}\ \Phi_{300}\ \Phi_{200}\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}\ \Phi_{75}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
165038	1997	2160	$\frac{163}{2160}$	$\frac{17}{180}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{40}\ \Phi_{27}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
165039	1997	2200	$\frac{17}{220}$	$\frac{203}{2200}$	$\frac{3}{20}$	$\frac{1}{4}$	$\Phi_{2200}\ \Phi_{1100}\ \Phi_{550}\ \Phi_{440}\ \Phi_{275}\ \Phi_{200}\ \Phi_{100}\ \Phi_{88}\ \Phi_{50}\ \Phi_{40}\ \Phi_{25}\ \Phi_{20}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
165040	1997	2240	$\frac{3}{40}$	$\frac{243}{2240}$	$\frac{37}{280}$	$\frac{1}{4}$	$\Phi_{2240}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{448}\ \Phi_{320}\ \Phi_{224}\ \Phi_{160}\ \Phi_{112}\ \Phi_{80}\ \Phi_{64}\ \Phi_{40}\ \Phi_{32}\ \Phi_{20}\ \Phi_{16}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{1}$
165041	1998	3320	$\frac{1}{332}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{331}{664}$	$\Phi_{3320}\ \Phi_{664}^2\ \Phi_{40}\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{1}^2$
165042	1998	1992	$\frac{1}{332}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{331}{664}$	$\Phi_{1992}^3\ \Phi_{24}^3\ \Phi_{12}\ \Phi_{6}$
165043	1998	5970	$\frac{4}{995}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{991}{1990}$	$\Phi_{5970}\ \Phi_{1194}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
165044	1998	3536	$\frac{1}{221}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{110}{221}$	$\Phi_{3536}\ \Phi_{272}\ \Phi_{221}\ \Phi_{208}\ \Phi_{17}\ \Phi_{16}^2\ \Phi_{13}\ \Phi_{1}^2$
165045	1998	884	$\frac{1}{221}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{110}{221}$	$\Phi_{884}^2\ \Phi_{442}^2\ \Phi_{221}^3\ \Phi_{68}^2\ \Phi_{52}^2\ \Phi_{34}^2\ \Phi_{26}^2\ \Phi_{17}^3\ \Phi_{13}^3\ \Phi_{4}^4\ \Phi_{2}^4\ \Phi_{1}^6$
165046	1998	1200	$\frac{1}{200}$	$\frac{67}{400}$	$\frac{1}{3}$	$\frac{199}{400}$	$\Phi_{1200}^2\ \Phi_{600}^3\ \Phi_{300}^3\ \Phi_{240}^2\ \Phi_{150}^3\ \Phi_{120}^3\ \Phi_{75}^3\ \Phi_{60}^3\ \Phi_{48}^2\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{15}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{3}^2$
165047	1998	1997	$\frac{13}{1997}$	$\frac{335}{1997}$	$\frac{554}{1997}$	$\frac{992}{1997}$	$\Phi_{1997}\ \Phi_{1}^2$
165048	1998	5952	$\frac{7}{992}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{985}{1984}$	$\Phi_{5952}\ \Phi_{192}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
165049	1998	2668	$\frac{5}{667}$	$\frac{112}{667}$	$\frac{1}{4}$	$\frac{331}{667}$	$\Phi_{2668}\ \Phi_{1334}\ \Phi_{116}\ \Phi_{92}\ \Phi_{58}\ \Phi_{46}$
165050	1998	3740	$\frac{1}{110}$	$\frac{1}{17}$	$\frac{8}{17}$	$\frac{109}{220}$	$\Phi_{3740}\ \Phi_{748}\ \Phi_{340}\ \Phi_{220}^2\ \Phi_{68}\ \Phi_{44}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{4}^2\ \Phi_{1}^2$
165051	1998	660	$\frac{1}{110}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{109}{220}$	$\Phi_{660}^9\ \Phi_{132}^9\ \Phi_{60}^9\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^9\ \Phi_{6}$
165052	1998	3740	$\frac{1}{110}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{109}{220}$	$\Phi_{3740}\ \Phi_{748}\ \Phi_{340}\ \Phi_{220}^2\ \Phi_{68}\ \Phi_{44}^2\ \Phi_{20}^2\ \Phi_{17}\ \Phi_{4}^2\ \Phi_{1}^2$
165053	1998	1540	$\frac{1}{110}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{109}{220}$	$\Phi_{1540}\ \Phi_{770}^2\ \Phi_{385}^2\ \Phi_{308}\ \Phi_{154}^2\ \Phi_{140}\ \Phi_{77}^2\ \Phi_{70}^2\ \Phi_{35}^2\ \Phi_{28}^2\ \Phi_{14}^3\ \Phi_{7}^2$
165054	1998	3796	$\frac{1}{73}$	$\frac{1}{26}$	$\frac{25}{52}$	$\frac{36}{73}$	$\Phi_{3796}\ \Phi_{292}\ \Phi_{73}\ \Phi_{52}^2\ \Phi_{4}^2\ \Phi_{1}^2$
165055	1998	949	$\frac{1}{73}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{36}{73}$	$\Phi_{949}^2\ \Phi_{73}^3\ \Phi_{13}^4\ \Phi_{1}^6$
165056	1998	1460	$\frac{1}{73}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{36}{73}$	$\Phi_{1460}^2\ \Phi_{730}\ \Phi_{365}\ \Phi_{292}\ \Phi_{73}\ \Phi_{20}^4\ \Phi_{10}^2\ \Phi_{5}^2\ \Phi_{4}^2\ \Phi_{1}^2$
165057	1998	1997	$\frac{37}{1997}$	$\frac{113}{1997}$	$\frac{628}{1997}$	$\frac{980}{1997}$	$\Phi_{1997}\ \Phi_{1}^2$
165058	1998	3816	$\frac{1}{53}$	$\frac{1}{36}$	$\frac{35}{72}$	$\frac{26}{53}$	$\Phi_{3816}\ \Phi_{1272}\ \Phi_{424}\ \Phi_{72}^2\ \Phi_{53}\ \Phi_{24}^2\ \Phi_{8}^2\ \Phi_{1}^2$
165059	1998	2067	$\frac{1}{53}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{26}{53}$	$\Phi_{2067}\ \Phi_{689}\ \Phi_{53}\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_{1}^2$
165060	1998	2862	$\frac{1}{53}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{26}{53}$	$\Phi_{2862}\ \Phi_{1431}\ \Phi_{54}^2\ \Phi_{53}\ \Phi_{27}^2\ \Phi_{1}^2$
165061	1998	2120	$\frac{1}{53}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{26}{53}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{424}\ \Phi_{265}\ \Phi_{53}\ \Phi_{40}^2\ \Phi_{20}^2\ \Phi_{10}^2\ \Phi_{8}^2\ \Phi_{5}^2\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
165062	1998	2544	$\frac{1}{53}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{26}{53}$	$\Phi_{2544}\ \Phi_{1272}\ \Phi_{848}\ \Phi_{424}\ \Phi_{53}\ \Phi_{48}^2\ \Phi_{24}^2\ \Phi_{16}^2\ \Phi_8^2\ \Phi_1^2$
165063	1998	2385	$\frac{1}{53}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{26}{53}$	$\Phi_{2385}\ \Phi_{795}\ \Phi_{265}\ \Phi_{53}\ \Phi_{45}^2\ \Phi_{15}^2\ \Phi_5^2\ \Phi_1^2$
165064	1998	2226	$\frac{1}{53}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{26}{53}$	$\Phi_{2226}\ \Phi_{1113}\ \Phi_{742}\ \Phi_{371}\ \Phi_{53}\ \Phi_{42}^2\ \Phi_{21}^2\ \Phi_{14}^2\ \Phi_7^2\ \Phi_1^2$
165065	1998	5880	$\frac{19}{980}$	$\frac{1}{20}$	$\frac{1}{3}$	$\frac{961}{1960}$	$\Phi_{5880}\ \Phi_{1176}\ \Phi_{840}\ \Phi_{168}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
165066	1998	2230	$\frac{5}{223}$	$\frac{1}{10}$	$\frac{38}{223}$	$\frac{109}{223}$	$\Phi_{2230}\ \Phi_{1115}\ \Phi_{446}$
165067	1998	1997	$\frac{49}{1997}$	$\frac{184}{1997}$	$\frac{341}{1997}$	$\frac{974}{1997}$	$\Phi_{1997}\ \Phi_1^2$
165068	1998	1950	$\frac{8}{325}$	$\frac{1}{25}$	$\frac{1}{3}$	$\frac{317}{650}$	$\Phi_{1950}^3\ \Phi_{390}^3\ \Phi_{150}^3\ \Phi_{78}^3\ \Phi_{75}\ \Phi_{30}^3\ \Phi_{15}\ \Phi_6^3$
165069	1998	3120	$\frac{1}{40}$	$\frac{41}{1040}$	$\frac{1}{3}$	$\frac{39}{80}$	$\Phi_{3120}\ \Phi_{1560}\ \Phi_{780}\ \Phi_{624}\ \Phi_{390}\ \Phi_{312}\ \Phi_{195}\ \Phi_{156}\ \Phi_{120}\ \Phi_{78}\ \Phi_{60}\ \Phi_{39}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
165070	1998	2668	$\frac{17}{667}$	$\frac{38}{667}$	$\frac{1}{4}$	$\frac{325}{667}$	$\Phi_{2668}\ \Phi_{1334}\ \Phi_{116}\ \Phi_{92}\ \Phi_{58}\ \Phi_{46}$
165071	1998	504	$\frac{1}{36}$	$\frac{1}{28}$	$\frac{1}{3}$	$\frac{35}{72}$	$\Phi_{504}^8\ \Phi_{168}^8\ \Phi_{84}\ \Phi_{72}^6\ \Phi_{56}^8\ \Phi_{42}\ \Phi_{24}^6\ \Phi_{21}\ \Phi_{12}\ \Phi_8^6\ \Phi_6$
165072	1998	3816	$\frac{1}{36}$	$\frac{2}{53}$	$\frac{17}{53}$	$\frac{35}{72}$	$\Phi_{3816}\ \Phi_{1272}\ \Phi_{424}\ \Phi_{72}^2\ \Phi_{53}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
165073	1998	1368	$\frac{1}{36}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{35}{72}$	$\Phi_{1368}^3\ \Phi_{456}^3\ \Phi_{152}^3\ \Phi_{76}\ \Phi_{38}$
165074	1998	3816	$\frac{1}{36}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{35}{72}$	$\Phi_{3816}\ \Phi_{1272}\ \Phi_{424}\ \Phi_{72}^2\ \Phi_{53}\ \Phi_{24}^2\ \Phi_8^2\ \Phi_1^2$
165075	1998	2520	$\frac{1}{36}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{35}{72}$	$\Phi_{2520}^2\ \Phi_{840}^2\ \Phi_{504}\ \Phi_{280}^2\ \Phi_{168}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{14}$
165076	1998	644	$\frac{11}{322}$	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{311}{644}$	$\Phi_{644}^2\ \Phi_{322}^4\ \Phi_{161}^4\ \Phi_{92}^3\ \Phi_{46}^5\ \Phi_{28}^2\ \Phi_{23}^4\ \Phi_{14}^4\ \Phi_7^4\ \Phi_4^2\ \Phi_2^4\ \Phi_1^4$
165077	1998	116	$\frac{1}{29}$	$\frac{5}{116}$	$\frac{1}{4}$	$\frac{14}{29}$	$\Phi_{116}^{17}\ \Phi_{58}^{17}\ \Phi_{29}^{18}\ \Phi_4^{16}\ \Phi_2^{16}\ \Phi_1^{18}$
165078	1998	2964	$\frac{1}{38}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{25}{52}$	$\Phi_{2964}^2\ \Phi_{228}^2\ \Phi_{156}\ \Phi_{114}\ \Phi_{57}\ \Phi_{12}\ \Phi_6$
165079	1998	700	$\frac{1}{28}$	$\frac{1}{25}$	$\frac{13}{50}$	$\frac{12}{25}$	$\Phi_{700}^3\ \Phi_{350}^3\ \Phi_{175}^3\ \Phi_{140}^3\ \Phi_{100}^3\ \Phi_{70}^3\ \Phi_{50}\ \Phi_{35}^3\ \Phi_{28}^2\ \Phi_{25}^2\ \Phi_{20}^3\ \Phi_{14}^2\ \Phi_{10}\ \Phi_7^2\ \Phi_5^2\ \Phi_4^2\ \Phi_1^2$
165080	1998	1920	$\frac{1}{40}$	$\frac{13}{320}$	$\frac{1}{3}$	$\frac{307}{640}$	$\Phi_{1920}^3\ \Phi_{384}^3\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
165081	1998	460	$\frac{4}{115}$	$\frac{1}{23}$	$\frac{1}{4}$	$\frac{11}{23}$	$\Phi_{460}^6\ \Phi_{230}^6\ \Phi_{92}^5\ \Phi_{46}^5\ \Phi_{20}^6\ \Phi_{10}^6\ \Phi_4^4\ \Phi_2^4$
165082	1998	1276	$\frac{1}{29}$	$\frac{14}{319}$	$\frac{1}{4}$	$\frac{305}{638}$	$\Phi_{1276}^2\ \Phi_{319}^2\ \Phi_{116}^3\ \Phi_{58}\ \Phi_{44}^2\ \Phi_{29}^2\ \Phi_{11}^2\ \Phi_4^2\ \Phi_1^2$
165083	1998	5700	$\frac{1}{50}$	$\frac{49}{950}$	$\frac{1}{3}$	$\frac{901}{1900}$	$\Phi_{5700}\ \Phi_{1140}\ \Phi_{300}\ \Phi_{228}\ \Phi_{150}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
165084	1998	140	$\frac{1}{28}$	$\frac{2}{35}$	$\frac{1}{5}$	$\frac{33}{70}$	$\Phi_{140}^{15}\ \Phi_{70}^{13}\ \Phi_{35}^{15}\ \Phi_{28}^{14}\ \Phi_{20}^{15}\ \Phi_{14}^{12}\ \Phi_{10}^{13}\ \Phi_7^{14}\ \Phi_5^{14}\ \Phi_4^{14}\ \Phi_2^{12}\ \Phi_1^{14}$
165085	1998	1330	$\frac{1}{19}$	$\frac{2}{35}$	$\frac{1}{7}$	$\frac{33}{70}$	$\Phi_{1330}^3\ \Phi_{266}^3\ \Phi_{190}^3\ \Phi_{133}\ \Phi_{38}^3$
165086	1998	935	$\frac{1}{55}$	$\frac{1}{17}$	$\frac{18}{55}$	$\frac{8}{17}$	$\Phi_{935}^2\ \Phi_{187}^2\ \Phi_{85}^2\ \Phi_{55}^4\ \Phi_{17}^3\ \Phi_{11}^4\ \Phi_5^4\ \Phi_1^6$
165087	1998	1292	$\frac{1}{38}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{8}{17}$	$\Phi_{1292}^2\ \Phi_{646}\ \Phi_{323}\ \Phi_{76}^4\ \Phi_{68}\ \Phi_{38}^2\ \Phi_{19}^2\ \Phi_{17}\ \Phi_4^2\ \Phi_1^2$
165088	1998	1955	$\frac{4}{115}$	$\frac{1}{17}$	$\frac{1}{5}$	$\frac{8}{17}$	$\Phi_{1955}\ \Phi_{391}\ \Phi_{115}^2\ \Phi_{23}^2\ \Phi_{17}\ \Phi_1^2$
165089	1998	748	$\frac{1}{22}$	$\frac{1}{17}$	$\frac{7}{44}$	$\frac{8}{17}$	$\Phi_{748}^3\ \Phi_{374}^2\ \Phi_{187}^2\ \Phi_{68}^3\ \Phi_{44}^6\ \Phi_{34}^2\ \Phi_{22}^4\ \Phi_{17}^3\ \Phi_{11}^4\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
165090	1998	680	$\frac{1}{17}$	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{8}{17}$	$\Phi_{680}^3\ \Phi_{340}^3\ \Phi_{170}^2\ \Phi_{136}^3\ \Phi_{85}^2\ \Phi_{68}^3\ \Phi_{40}^6\ \Phi_{34}^2\ \Phi_{20}^6\ \Phi_{17}^3\ \Phi_{10}^4\ \Phi_8^6\ \Phi_5^4\ \Phi_4^6\ \Phi_2^4\ \Phi_1^6$
165091	1998	2057	$\frac{1}{17}$	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{8}{17}$	$\Phi_{2057}\ \Phi_{121}^2\ \Phi_{17}\ \Phi_1^2$
165092	1998	2432	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{17}{128}$	$\frac{15}{32}$	$\Phi_{2432}\ \Phi_{1216}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
165093	1998	1260	$\frac{1}{28}$	$\frac{1}{15}$	$\frac{8}{45}$	$\frac{7}{15}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}\ \Phi_{315}^2\ \Phi_{252}^2\ \Phi_{210}\ \Phi_{180}^2\ \Phi_{140}\ \Phi_{126}^2\ \Phi_{105}\ \Phi_{90}^2\ \Phi_{84}\ \Phi_{70}\ \Phi_{63}^2\ \Phi_{60}\ \Phi_{42}\ \Phi_{36}^2\ \Phi_{35}\ \Phi_{30}\ \Phi_{21}\ \Phi_{20}\ \Phi_{18}^2\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
165094	1998	3952	$\frac{1}{19}$	$\frac{7}{104}$	$\frac{1}{8}$	$\frac{97}{208}$	$\Phi_{3952}\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
165095	1998	1997	$\frac{29}{1997}$	$\frac{149}{1997}$	$\frac{656}{1997}$	$\frac{924}{1997}$	$\Phi_{1997}\ \Phi_1^2$
165096	1998	950	$\frac{1}{38}$	$\frac{2}{25}$	$\frac{1}{5}$	$\frac{23}{50}$	$\Phi_{950}^2\ \Phi_{475}^2\ \Phi_{190}^3\ \Phi_{95}^3\ \Phi_{38}^2\ \Phi_{25}^2\ \Phi_{19}^2\ \Phi_{10}\ \Phi_5^2\ \Phi_1^2$
165097	1998	418	$\frac{1}{38}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{5}{11}$	$\Phi_{418}^5\ \Phi_{209}^5\ \Phi_{38}^4\ \Phi_{22}^5\ \Phi_{19}^4\ \Phi_2^4$
165098	1998	1997	$\frac{44}{1997}$	$\frac{217}{1997}$	$\frac{369}{1997}$	$\frac{890}{1997}$	$\Phi_{1997}\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
165099	1998	2668	$\frac{10}{667}$	$\frac{73}{667}$	$\frac{1}{4}$	$\frac{297}{667}$	$\Phi_{2668}\ \Phi_{1334}\ \Phi_{116}\ \Phi_{92}\ \Phi_{58}\ \Phi_{46}$
165100	1998	600	$\frac{1}{100}$	$\frac{11}{100}$	$\frac{1}{3}$	$\frac{89}{200}$	$\Phi_{600}^9\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}^9\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}^9\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
165101	1998	336	$\frac{1}{112}$	$\frac{1}{8}$	$\frac{1}{3}$	$\frac{7}{16}$	$\Phi_{336}^9\ \Phi_{168}^9\ \Phi_{84}^9\ \Phi_{48}^8\ \Phi_{42}^9\ \Phi_{24}^9\ \Phi_{21}^9\ \Phi_{12}^9\ \Phi_6^9\ \Phi_3^8$
165102	1998	3536	$\frac{2}{221}$	$\frac{1}{8}$	$\frac{73}{221}$	$\frac{7}{16}$	$\Phi_{3536}\ \Phi_{272}\ \Phi_{221}\ \Phi_{208}\ \Phi_{17}\ \Phi_{16}^2\ \Phi_{13}\ \Phi_1^2$
165103	1998	1200	$\frac{1}{75}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{16}$	$\Phi_{1200}^3\ \Phi_{400}^3\ \Phi_{300}\ \Phi_{240}^3\ \Phi_{150}\ \Phi_{100}\ \Phi_{80}^3\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}^3\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
165104	1998	3536	$\frac{5}{221}$	$\frac{1}{8}$	$\frac{36}{221}$	$\frac{7}{16}$	$\Phi_{3536}\ \Phi_{272}\ \Phi_{221}\ \Phi_{208}\ \Phi_{17}\ \Phi_{16}^2\ \Phi_{13}\ \Phi_1^2$
165105	1998	2128	$\frac{1}{38}$	$\frac{1}{8}$	$\frac{1}{7}$	$\frac{7}{16}$	$\Phi_{2128}^2\ \Phi_{266}\ \Phi_{133}\ \Phi_{112}\ \Phi_{14}$
165106	1998	624	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{624}^6\ \Phi_{208}^5\ \Phi_{48}^6\ \Phi_{39}^6\ \Phi_{16}^6\ \Phi_{13}^5\ \Phi_3^6\ \Phi_1^6$
165107	1998	1904	$\frac{1}{17}$	$\frac{8}{119}$	$\frac{1}{8}$	$\frac{7}{16}$	$\Phi_{1904}^2\ \Phi_{272}\ \Phi_{119}^2\ \Phi_{112}^2\ \Phi_{17}\ \Phi_{16}^2\ \Phi_7^2\ \Phi_1^2$
165108	1998	3724	$\frac{1}{19}$	$\frac{1}{14}$	$\frac{13}{98}$	$\frac{85}{196}$	$\Phi_{3724}\ \Phi_{532}\ \Phi_{266}\ \Phi_{133}\ \Phi_{76}\ \Phi_{38}$
165109	1998	5250	$\frac{1}{125}$	$\frac{124}{875}$	$\frac{1}{3}$	$\frac{751}{1750}$	$\Phi_{5250}\ \Phi_{1050}\ \Phi_{750}\ \Phi_{375}\ \Phi_{210}\ \Phi_{150}\ \Phi_{75}\ \Phi_{42}\ \Phi_{30}\ \Phi_{15}\ \Phi_6$
165110	1998	1216	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{27}{64}$	$\Phi_{1216}^3\ \Phi_{304}\ \Phi_{152}\ \Phi_{76}\ \Phi_{38}$
165111	1998	830	$\frac{1}{166}$	$\frac{1}{5}$	$\frac{55}{166}$	$\frac{2}{5}$	$\Phi_{830}^2\ \Phi_{415}^2\ \Phi_{166}^4\ \Phi_{83}^4\ \Phi_{10}^2\ \Phi_5^3\ \Phi_2^4\ \Phi_1^6$
165112	1998	560	$\frac{1}{112}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{2}{5}$	$\Phi_{560}^3\ \Phi_{280}^3\ \Phi_{140}^3\ \Phi_{112}^6\ \Phi_{80}^3\ \Phi_{70}^3\ \Phi_{56}^6\ \Phi_{40}^3\ \Phi_{35}^3\ \Phi_{28}^6\ \Phi_{20}^2\ \Phi_{16}^6\ \Phi_{14}^6\ \Phi_{10}^2\ \Phi_8^6\ \Phi_7^6\ \Phi_5^3\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
165113	1998	415	$\frac{1}{83}$	$\frac{82}{415}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{415}^5\ \Phi_{83}^4\ \Phi_5^6\ \Phi_1^6$
165114	1998	415	$\frac{2}{83}$	$\frac{9}{83}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{415}^4\ \Phi_{83}^8\ \Phi_5^5\ \Phi_1^{10}$
165115	1998	190	$\frac{1}{38}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{190}^{11}\ \Phi_{95}^{11}\ \Phi_{38}^{10}\ \Phi_{19}^{10}\ \Phi_{10}^5\ \Phi_5^6\ \Phi_2^4\ \Phi_1^6$
165116	1998	280	$\frac{1}{28}$	$\frac{3}{40}$	$\frac{1}{5}$	$\frac{2}{5}$	$\Phi_{280}^8\ \Phi_{140}^7\ \Phi_{70}^7\ \Phi_{56}^8\ \Phi_{40}^6\ \Phi_{35}^7\ \Phi_{28}^6\ \Phi_{20}^5\ \Phi_{14}^6\ \Phi_{10}^5\ \Phi_8^6\ \Phi_7^6\ \Phi_5^6\ \Phi_4^4\ \Phi_2^4\ \Phi_1^6$
165117	1998	1997	$\frac{11}{1997}$	$\frac{445}{1997}$	$\frac{662}{1997}$	$\frac{776}{1997}$	$\Phi_{1997}\ \Phi_1^2$
165118	1998	836	$\frac{1}{38}$	$\frac{1}{11}$	$\frac{5}{22}$	$\frac{17}{44}$	$\Phi_{836}^4\ \Phi_{418}\ \Phi_{209}\ \Phi_{76}^4\ \Phi_{44}^2\ \Phi_{22}\ \Phi_4^2$
165119	1998	420	$\frac{1}{28}$	$\frac{1}{15}$	$\frac{7}{30}$	$\frac{23}{60}$	$\Phi_{420}^5\ \Phi_{210}^5\ \Phi_{140}^5\ \Phi_{105}^5\ \Phi_{84}^5\ \Phi_{70}^5\ \Phi_{60}^3\ \Phi_{42}^5\ \Phi_{35}^5\ \Phi_{30}^5\ \Phi_{28}^4\ \Phi_{21}^5\ \Phi_{20}^3\ \Phi_{15}^4\ \Phi_{14}^4\ \Phi_{12}^3\ \Phi_{10}^5\ \Phi_7^4\ \Phi_6^5\ \Phi_5^4\ \Phi_4^2\ \Phi_3^4\ \Phi_2^4\ \Phi_1^4$
165120	1998	4800	$\frac{1}{200}$	$\frac{199}{800}$	$\frac{1}{3}$	$\frac{601}{1600}$	$\Phi_{4800}\ \Phi_{960}\ \Phi_{600}\ \Phi_{300}\ \Phi_{192}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_6$
165121	1998	2400	$\frac{1}{75}$	$\frac{5}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{2400}\ \Phi_{1200}\ \Phi_{800}\ \Phi_{480}\ \Phi_{400}\ \Phi_{300}\ \Phi_{240}\ \Phi_{160}\ \Phi_{150}\ \Phi_{100}\ \Phi_{96}\ \Phi_{80}\ \Phi_{60}\ \Phi_{50}\ \Phi_{48}\ \Phi_{30}\ \Phi_{20}\ \Phi_{12}\ \Phi_{10}\ \Phi_6$
165122	1998	2128	$\frac{1}{112}$	$\frac{4}{19}$	$\frac{5}{19}$	$\frac{7}{19}$	$\Phi_{2128}\ \Phi_{1064}\ \Phi_{532}\ \Phi_{304}\ \Phi_{266}\ \Phi_{152}\ \Phi_{133}\ \Phi_{76}\ \Phi_{38}$
165123	1998	1050	$\frac{1}{75}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{5}{14}$	$\Phi_{1050}^3\ \Phi_{525}\ \Phi_{350}^3\ \Phi_{210}^3\ \Phi_{175}\ \Phi_{150}^3\ \Phi_{105}\ \Phi_{70}^3\ \Phi_{50}^3\ \Phi_{42}^3\ \Phi_{35}\ \Phi_{30}^3\ \Phi_{21}\ \Phi_{10}^3\ \Phi_6^3$
165124	1998	1997	$\frac{35}{1997}$	$\frac{218}{1997}$	$\frac{593}{1997}$	$\frac{702}{1997}$	$\Phi_{1997}\ \Phi_1^2$
165125	1998	2090	$\frac{1}{38}$	$\frac{4}{55}$	$\frac{17}{55}$	$\frac{19}{55}$	$\Phi_{2090}\ \Phi_{1045}\ \Phi_{418}\ \Phi_{209}\ \Phi_{190}\ \Phi_{110}\ \Phi_{95}\ \Phi_{22}\ \Phi_{10}$
165126	1998	1064	$\frac{1}{28}$	$\frac{1}{19}$	$\frac{9}{28}$	$\frac{19}{56}$	$\Phi_{1064}^3\ \Phi_{532}\ \Phi_{266}\ \Phi_{152}^3\ \Phi_{133}\ \Phi_{76}\ \Phi_{38}$
165127	1998	1997	$\frac{50}{1997}$	$\frac{147}{1997}$	$\frac{649}{1997}$	$\frac{674}{1997}$	$\Phi_{1997}\ \Phi_1^2$
165128	1998	2230	$\frac{4}{223}$	$\frac{1}{10}$	$\frac{73}{223}$	$\frac{75}{223}$	$\Phi_{2230}\ \Phi_{1115}\ \Phi_{446}$
165129	1998	1997	$\frac{14}{1997}$	$\frac{443}{1997}$	$\frac{661}{1997}$	$\frac{668}{1997}$	$\Phi_{1997}\ \Phi_1^2$
165130	1998	2668	$\frac{4}{667}$	$\frac{1}{4}$	$\frac{221}{667}$	$\frac{223}{667}$	$\Phi_{2668}\ \Phi_{1334}\ \Phi_{116}\ \Phi_{92}\ \Phi_{58}\ \Phi_{46}$
165131	1998	1500	$\frac{1}{250}$	$\frac{83}{250}$	$\frac{1}{3}$	$\frac{167}{500}$	$\Phi_{1500}^3\ \Phi_{750}\ \Phi_{375}\ \Phi_{300}^3\ \Phi_{150}\ \Phi_{75}\ \Phi_{60}^3\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^3\ \Phi_6$
165132	1998	1092	$\frac{1}{28}$	$\frac{2}{39}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{273}^2\ \Phi_{182}^2\ \Phi_{156}^2\ \Phi_{91}^2\ \Phi_{84}\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{42}\ \Phi_{26}^2\ \Phi_{21}\ \Phi_{12}\ \Phi_6$
165133	1998	996	$\frac{1}{166}$	$\frac{1}{4}$	$\frac{55}{166}$	$\frac{1}{3}$	$\Phi_{996}^4\ \Phi_{498}^2\ \Phi_{249}^2\ \Phi_{12}^5\ \Phi_6^3\ \Phi_3^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
165134	1998	3000	$\frac{7}{1000}$	$\frac{223}{1000}$	$\frac{331}{1000}$	$\frac{1}{3}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{600}\ \Phi_{375}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
165135	1998	1200	$\frac{1}{100}$	$\frac{67}{400}$	$\frac{33}{100}$	$\frac{1}{3}$	$\Phi_{1200}^3\ \Phi_{600}^3\ \Phi_{300}\ \Phi_{240}^3\ \Phi_{150}\ \Phi_{120}^3\ \Phi_{75}\ \Phi_{60}\ \Phi_{48}^3\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
165136	1998	1488	$\frac{7}{496}$	$\frac{1}{8}$	$\frac{163}{496}$	$\frac{1}{3}$	$\Phi_{1488}^2\ \Phi_{744}^2\ \Phi_{372}^2\ \Phi_{186}^2\ \Phi_{93}^2\ \Phi_{48}^2\ \Phi_{24}^3\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{3}^2$
165137	1998	330	$\frac{1}{55}$	$\frac{1}{10}$	$\frac{18}{55}$	$\frac{1}{3}$	$\Phi_{330}^{10}\ \Phi_{165}^8\ \Phi_{66}^{10}\ \Phi_{33}^8\ \Phi_{30}^{11}\ \Phi_{15}^9\ \Phi_{6}^{11}\ \Phi_{3}^8$
165138	1998	120	$\frac{1}{40}$	$\frac{3}{40}$	$\frac{13}{40}$	$\frac{1}{3}$	$\Phi_{120}^{25}\ \Phi_{60}^{25}\ \Phi_{30}^{25}\ \Phi_{24}^{25}\ \Phi_{15}^{25}\ \Phi_{12}^{25}\ \Phi_{6}^{25}\ \Phi_{3}^{24}$
165139	1998	2067	$\frac{2}{53}$	$\frac{2}{39}$	$\frac{17}{53}$	$\frac{1}{3}$	$\Phi_{2067}\ \Phi_{689}\ \Phi_{53}\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_{1}^2$
165140	1998	1050	$\frac{1}{25}$	$\frac{17}{350}$	$\frac{8}{25}$	$\frac{1}{3}$	$\Phi_{1050}^3\ \Phi_{525}^3\ \Phi_{210}^3\ \Phi_{150}^3\ \Phi_{105}^3\ \Phi_{75}\ \Phi_{42}^3\ \Phi_{30}^3\ \Phi_{21}^3\ \Phi_{15}\ \Phi_{6}^3$
165141	1998	756	$\frac{1}{28}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{1}{3}$	$\Phi_{756}^4\ \Phi_{378}^4\ \Phi_{189}^4\ \Phi_{108}^4\ \Phi_{84}\ \Phi_{54}^2\ \Phi_{42}\ \Phi_{27}^2\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
165142	1998	1482	$\frac{1}{38}$	$\frac{1}{13}$	$\frac{4}{13}$	$\frac{1}{3}$	$\Phi_{1482}^2\ \Phi_{741}^2\ \Phi_{114}^3\ \Phi_{78}^2\ \Phi_{57}^3\ \Phi_{6}^3$
165143	1998	480	$\frac{1}{40}$	$\frac{13}{160}$	$\frac{49}{160}$	$\frac{1}{3}$	$\Phi_{480}^6\ \Phi_{240}^6\ \Phi_{120}^7\ \Phi_{96}^6\ \Phi_{60}^7\ \Phi_{48}^6\ \Phi_{30}^7\ \Phi_{24}^7\ \Phi_{15}^7\ \Phi_{12}^7\ \Phi_{6}^7\ \Phi_{3}^6$
165144	1998	1020	$\frac{7}{340}$	$\frac{1}{10}$	$\frac{3}{10}$	$\frac{1}{3}$	$\Phi_{1020}^3\ \Phi_{510}^3\ \Phi_{255}^3\ \Phi_{204}^3\ \Phi_{102}^3\ \Phi_{60}^3\ \Phi_{51}^3\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}^3\ \Phi_{6}$
165145	1998	3000	$\frac{19}{1000}$	$\frac{109}{1000}$	$\frac{297}{1000}$	$\frac{1}{3}$	$\Phi_{3000}\ \Phi_{1500}\ \Phi_{750}\ \Phi_{600}\ \Phi_{375}\ \Phi_{300}\ \Phi_{150}\ \Phi_{120}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
165146	1998	336	$\frac{1}{112}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{336}^9\ \Phi_{168}^9\ \Phi_{84}^9\ \Phi_{48}^9\ \Phi_{42}^9\ \Phi_{24}^9\ \Phi_{21}^9\ \Phi_{12}^7\ \Phi_{6}^7\ \Phi_{3}^6$
165147	1998	3984	$\frac{3}{332}$	$\frac{329}{1328}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3984}\ \Phi_{1992}\ \Phi_{48}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
165148	1998	4980	$\frac{1}{83}$	$\frac{82}{415}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{4980}\ \Phi_{2490}\ \Phi_{60}\ \Phi_{30}\ \Phi_{12}\ \Phi_{6}$
165149	1998	996	$\frac{2}{83}$	$\frac{9}{83}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{996}^4\ \Phi_{498}^4\ \Phi_{12}^5\ \Phi_{6}^5$
165150	1998	1140	$\frac{1}{38}$	$\frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1140}^4\ \Phi_{570}^2\ \Phi_{285}^2\ \Phi_{228}^2\ \Phi_{114}\ \Phi_{60}^2\ \Phi_{57}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
165151	1998	840	$\frac{1}{28}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{840}^4\ \Phi_{420}^4\ \Phi_{210}^4\ \Phi_{168}^4\ \Phi_{120}^3\ \Phi_{105}^4\ \Phi_{84}\ \Phi_{60}^3\ \Phi_{42}\ \Phi_{30}^3\ \Phi_{24}^3\ \Phi_{21}\ \Phi_{15}^3\ \Phi_{12}\ \Phi_{6}$
165152	1998	2964	$\frac{2}{39}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{2964}\ \Phi_{1482}\ \Phi_{988}\ \Phi_{494}\ \Phi_{76}\ \Phi_{38}$
165153	1998	3360	$\frac{1}{40}$	$\frac{121}{1120}$	$\frac{39}{160}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{672}\ \Phi_{420}\ \Phi_{336}\ \Phi_{210}\ \Phi_{168}\ \Phi_{120}\ \Phi_{105}\ \Phi_{84}\ \Phi_{60}\ \Phi_{42}\ \Phi_{30}\ \Phi_{24}\ \Phi_{21}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
165154	1998	1320	$\frac{3}{110}$	$\frac{1}{10}$	$\frac{107}{440}$	$\frac{1}{3}$	$\Phi_{1320}^3\ \Phi_{660}^3\ \Phi_{264}^3\ \Phi_{132}^3\ \Phi_{120}^3\ \Phi_{60}^3\ \Phi_{30}\ \Phi_{24}^3\ \Phi_{15}\ \Phi_{12}^3\ \Phi_{6}$
165155	1998	3900	$\frac{1}{25}$	$\frac{24}{325}$	$\frac{301}{1300}$	$\frac{1}{3}$	$\Phi_{3900}\ \Phi_{1950}\ \Phi_{780}\ \Phi_{390}\ \Phi_{300}\ \Phi_{156}\ \Phi_{150}\ \Phi_{78}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
165156	1998	336	$\frac{1}{28}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{3}$	$\Phi_{336}^8\ \Phi_{168}^8\ \Phi_{112}^8\ \Phi_{84}\ \Phi_{56}^8\ \Phi_{48}^6\ \Phi_{42}\ \Phi_{24}^6\ \Phi_{21}\ \Phi_{16}^6\ \Phi_{12}\ \Phi_{8}^6\ \Phi_{6}$
165157	1998	2268	$\frac{1}{28}$	$\frac{7}{81}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{378}\ \Phi_{324}\ \Phi_{189}\ \Phi_{162}\ \Phi_{108}\ \Phi_{84}\ \Phi_{54}\ \Phi_{42}\ \Phi_{21}\ \Phi_{12}\ \Phi_{6}$
165158	1998	3840	$\frac{1}{40}$	$\frac{39}{320}$	$\frac{281}{1280}$	$\frac{1}{3}$	$\Phi_{3840}\ \Phi_{1920}\ \Phi_{768}\ \Phi_{384}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
165159	1998	3072	$\frac{25}{1024}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{3072}\ \Phi_{1536}\ \Phi_{768}\ \Phi_{384}\ \Phi_{192}\ \Phi_{24}\ \Phi_{12}\ \Phi_{6}$
165160	1998	690	$\frac{4}{115}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{690}^5\ \Phi_{345}^4\ \Phi_{138}^5\ \Phi_{69}^4\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
165161	1998	3720	$\frac{7}{248}$	$\frac{1}{8}$	$\frac{241}{1240}$	$\frac{1}{3}$	$\Phi_{3720}\ \Phi_{1860}\ \Phi_{930}\ \Phi_{465}\ \Phi_{120}\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
165162	1998	1260	$\frac{1}{28}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{3}$	$\Phi_{1260}^2\ \Phi_{630}^2\ \Phi_{420}^2\ \Phi_{315}^2\ \Phi_{210}^2\ \Phi_{180}^2\ \Phi_{140}^2\ \Phi_{105}^2\ \Phi_{90}^2\ \Phi_{84}\ \Phi_{70}^2\ \Phi_{60}^2\ \Phi_{42}\ \Phi_{35}^2\ \Phi_{30}^2\ \Phi_{21}\ \Phi_{20}^2\ \Phi_{12}\ \Phi_{10}^2\ \Phi_{6}$
165163	1998	1200	$\frac{1}{40}$	$\frac{13}{80}$	$\frac{67}{400}$	$\frac{1}{3}$	$\Phi_{1200}^3\ \Phi_{600}^3\ \Phi_{300}^3\ \Phi_{150}^3\ \Phi_{120}\ \Phi_{75}^3\ \Phi_{60}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
165164	1998	84	$\frac{1}{28}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{84}^{25}\ \Phi_{42}^{23}\ \Phi_{28}^{24}\ \Phi_{21}^{23}\ \Phi_{14}^{22}\ \Phi_{12}^{25}\ \Phi_{7}^{22}\ \Phi_{6}^{25}\ \Phi_{4}^{24}\ \Phi_{3}^{24}\ \Phi_{2}^{24}\ \Phi_{1}^{24}$
165165	1998	660	$\frac{1}{22}$	$\frac{1}{10}$	$\frac{7}{44}$	$\frac{1}{3}$	$\Phi_{660}^6\ \Phi_{330}^4\ \Phi_{165}^4\ \Phi_{132}^3\ \Phi_{66}^2\ \Phi_{60}^6\ \Phi_{33}^2\ \Phi_{30}^5\ \Phi_{15}^5\ \Phi_{12}^3\ \Phi_{6}^3\ \Phi_{3}^2$
165166	1998	2067	$\frac{2}{39}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{3}$	$\Phi_{2067}\ \Phi_{689}\ \Phi_{53}\ \Phi_{39}^2\ \Phi_{13}^2\ \Phi_{1}^2$
165167	1998	2730	$\frac{2}{39}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{2730}\ \Phi_{1365}\ \Phi_{910}\ \Phi_{546}\ \Phi_{455}\ \Phi_{182}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
165168	1998	3360	$\frac{1}{20}$	$\frac{121}{1120}$	$\frac{19}{140}$	$\frac{1}{3}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{840}\ \Phi_{672}\ \Phi_{480}\ \Phi_{336}\ \Phi_{240}\ \Phi_{168}\ \Phi_{120}\ \Phi_{96}\ \Phi_{60}\ \Phi_{48}\ \Phi_{30}\ \Phi_{24}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
165169	1998	120	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{3}$	$\Phi_{120}^{27}\ \Phi_{60}^{27}\ \Phi_{30}^{19}\ \Phi_{24}^{27}\ \Phi_{15}^{19}\ \Phi_{12}^{27}\ \Phi_{6}^{19}\ \Phi_{3}^{18}$
165170	1998	3300	$\frac{9}{110}$	$\frac{101}{1100}$	$\frac{1}{10}$	$\frac{1}{3}$	$\Phi_{3300}\ \Phi_{1650}\ \Phi_{825}\ \Phi_{660}\ \Phi_{300}\ \Phi_{150}\ \Phi_{132}\ \Phi_{75}\ \Phi_{60}\ \Phi_{30}\ \Phi_{15}\ \Phi_{12}\ \Phi_{6}$
165171	1998	3630	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{10}$	$\frac{1}{3}$	$\Phi_{3630}\ \Phi_{1815}\ \Phi_{726}\ \Phi_{30}\ \Phi_{15}\ \Phi_{6}$
165172	1998	884	$\frac{2}{221}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{73}{221}$	$\Phi_{884}^{2}\ \Phi_{442}^{2}\ \Phi_{221}^{3}\ \Phi_{68}^{2}\ \Phi_{52}^{2}\ \Phi_{34}^{2}\ \Phi_{26}^{2}\ \Phi_{17}^{3}\ \Phi_{13}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
165173	1998	1997	$\frac{20}{1997}$	$\frac{446}{1997}$	$\frac{517}{1997}$	$\frac{659}{1997}$	$\Phi_{1997}\ \Phi_{1}^{2}$
165174	1998	2668	$\frac{7}{667}$	$\frac{149}{667}$	$\frac{1}{4}$	$\frac{220}{667}$	$\Phi_{2668}\ \Phi_{1334}\ \Phi_{116}\ \Phi_{92}\ \Phi_{58}\ \Phi_{46}$
165175	1998	935	$\frac{1}{55}$	$\frac{2}{17}$	$\frac{5}{17}$	$\frac{18}{55}$	$\Phi_{935}^{2}\ \Phi_{187}^{2}\ \Phi_{85}^{2}\ \Phi_{55}^{4}\ \Phi_{17}^{3}\ \Phi_{11}^{4}\ \Phi_{5}^{4}\ \Phi_{1}^{6}$
165176	1998	1540	$\frac{1}{55}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{18}{55}$	$\Phi_{1540}^{2}\ \Phi_{770}^{2}\ \Phi_{308}^{2}\ \Phi_{154}^{2}\ \Phi_{140}^{2}\ \Phi_{70}^{2}\ \Phi_{28}^{3}\ \Phi_{14}^{3}$
165177	1998	1997	$\frac{38}{1997}$	$\frac{224}{1997}$	$\frac{591}{1997}$	$\frac{653}{1997}$	$\Phi_{1997}\ \Phi_{1}^{2}$
165178	1998	2338	$\frac{7}{334}$	$\frac{1}{7}$	$\frac{75}{334}$	$\frac{109}{334}$	$\Phi_{2338}\ \Phi_{1169}\ \Phi_{14}$
165179	1998	1997	$\frac{47}{1997}$	$\frac{258}{1997}$	$\frac{449}{1997}$	$\frac{650}{1997}$	$\Phi_{1997}\ \Phi_{1}^{2}$
165180	1998	2668	$\frac{16}{667}$	$\frac{75}{667}$	$\frac{1}{4}$	$\frac{217}{667}$	$\Phi_{2668}\ \Phi_{1334}\ \Phi_{116}\ \Phi_{92}\ \Phi_{58}\ \Phi_{46}$
165181	1998	385	$\frac{2}{77}$	$\frac{52}{385}$	$\frac{1}{5}$	$\frac{25}{77}$	$\Phi_{385}^{5}\ \Phi_{77}^{6}\ \Phi_{55}^{5}\ \Phi_{35}^{5}\ \Phi_{11}^{6}\ \Phi_{7}^{6}\ \Phi_{5}^{4}\ \Phi_{1}^{6}$
165182	1998	2862	$\frac{2}{53}$	$\frac{1}{18}$	$\frac{17}{54}$	$\frac{17}{53}$	$\Phi_{2862}\ \Phi_{1431}\ \Phi_{54}^{2}\ \Phi_{53}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$
165183	1998	2120	$\frac{2}{53}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{17}{53}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{424}\ \Phi_{265}\ \Phi_{53}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
165184	1998	2544	$\frac{2}{53}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{17}{53}$	$\Phi_{2544}\ \Phi_{1272}\ \Phi_{848}\ \Phi_{424}\ \Phi_{53}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
165185	1998	2385	$\frac{2}{53}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{17}{53}$	$\Phi_{2385}\ \Phi_{795}\ \Phi_{265}\ \Phi_{53}\ \Phi_{45}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
165186	1998	2226	$\frac{2}{53}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{17}{53}$	$\Phi_{2226}\ \Phi_{1113}\ \Phi_{742}\ \Phi_{371}\ \Phi_{53}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
165187	1998	2052	$\frac{1}{19}$	$\frac{1}{18}$	$\frac{1}{4}$	$\frac{17}{54}$	$\Phi_{2052}^{2}\ \Phi_{1026}\ \Phi_{513}\ \Phi_{76}\ \Phi_{38}$
165188	1998	2862	$\frac{1}{18}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{17}{54}$	$\Phi_{2862}\ \Phi_{1431}\ \Phi_{54}^{2}\ \Phi_{53}\ \Phi_{27}^{2}\ \Phi_{1}^{2}$
165189	1998	1890	$\frac{1}{18}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{17}{54}$	$\Phi_{1890}^{2}\ \Phi_{945}^{2}\ \Phi_{378}\ \Phi_{189}\ \Phi_{70}\ \Phi_{35}\ \Phi_{14}$
165190	1998	912	$\frac{1}{19}$	$\frac{1}{16}$	$\frac{11}{48}$	$\frac{5}{16}$	$\Phi_{912}^{3}\ \Phi_{456}^{3}\ \Phi_{304}\ \Phi_{228}^{3}\ \Phi_{152}\ \Phi_{114}^{3}\ \Phi_{76}\ \Phi_{57}^{3}\ \Phi_{38}$
165191	1998	644	$\frac{1}{23}$	$\frac{11}{161}$	$\frac{1}{4}$	$\frac{50}{161}$	$\Phi_{644}^{4}\ \Phi_{322}^{4}\ \Phi_{92}^{5}\ \Phi_{46}^{5}\ \Phi_{28}^{4}\ \Phi_{14}^{4}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
165192	1998	116	$\frac{5}{116}$	$\frac{2}{29}$	$\frac{1}{4}$	$\frac{9}{29}$	$\Phi_{116}^{17}\ \Phi_{58}^{17}\ \Phi_{29}^{18}\ \Phi_{4}^{16}\ \Phi_{2}^{16}\ \Phi_{1}^{18}$
165193	1998	1276	$\frac{1}{29}$	$\frac{28}{319}$	$\frac{1}{4}$	$\frac{97}{319}$	$\Phi_{1276}^{2}\ \Phi_{638}^{2}\ \Phi_{116}^{3}\ \Phi_{58}^{3}\ \Phi_{44}^{2}\ \Phi_{22}^{2}\ \Phi_{4}^{2}\ \Phi_{2}^{2}$
165194	1998	420	$\frac{1}{28}$	$\frac{4}{35}$	$\frac{1}{5}$	$\frac{31}{105}$	$\Phi_{420}^{7}\ \Phi_{210}^{7}\ \Phi_{140}\ \Phi_{105}^{6}\ \Phi_{84}^{7}\ \Phi_{70}\ \Phi_{60}^{7}\ \Phi_{42}^{7}\ \Phi_{35}\ \Phi_{30}^{7}\ \Phi_{21}^{6}\ \Phi_{20}\ \Phi_{15}^{6}\ \Phi_{12}^{7}\ \Phi_{10}\ \Phi_{6}^{7}\ \Phi_{3}^{6}$
165195	1998	1292	$\frac{1}{38}$	$\frac{2}{17}$	$\frac{1}{4}$	$\frac{5}{17}$	$\Phi_{1292}^{2}\ \Phi_{646}\ \Phi_{323}\ \Phi_{76}^{4}\ \Phi_{68}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{17}\ \Phi_{4}^{2}\ \Phi_{1}^{2}$
165196	1998	1955	$\frac{4}{115}$	$\frac{2}{17}$	$\frac{1}{5}$	$\frac{5}{17}$	$\Phi_{1955}\ \Phi_{391}\ \Phi_{115}^{2}\ \Phi_{23}^{2}\ \Phi_{17}\ \Phi_{1}^{2}$
165197	1998	748	$\frac{1}{22}$	$\frac{2}{17}$	$\frac{7}{44}$	$\frac{5}{17}$	$\Phi_{748}^{3}\ \Phi_{374}^{2}\ \Phi_{187}^{2}\ \Phi_{68}^{3}\ \Phi_{44}^{6}\ \Phi_{34}^{2}\ \Phi_{22}^{4}\ \Phi_{17}^{3}\ \Phi_{11}^{4}\ \Phi_{4}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
165198	1998	680	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{680}^{3}\ \Phi_{340}^{3}\ \Phi_{170}^{2}\ \Phi_{136}^{3}\ \Phi_{85}^{2}\ \Phi_{68}^{3}\ \Phi_{40}^{6}\ \Phi_{34}^{2}\ \Phi_{20}^{6}\ \Phi_{17}^{3}\ \Phi_{10}^{4}\ \Phi_{8}^{6}\ \Phi_{5}^{4}\ \Phi_{4}^{6}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
165199	1998	2057	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{2}{17}$	$\frac{5}{17}$	$\Phi_{2057}\ \Phi_{121}^{2}\ \Phi_{17}\ \Phi_{1}^{2}$
165200	1998	2090	$\frac{1}{38}$	$\frac{7}{55}$	$\frac{13}{55}$	$\frac{16}{55}$	$\Phi_{2090}\ \Phi_{1045}\ \Phi_{418}\ \Phi_{209}\ \Phi_{190}\ \Phi_{110}\ \Phi_{95}\ \Phi_{22}\ \Phi_{10}$
165201	1998	798	$\frac{1}{19}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{798}^{3}\ \Phi_{399}^{3}\ \Phi_{266}^{3}\ \Phi_{133}\ \Phi_{114}^{3}\ \Phi_{57}^{3}\ \Phi_{38}^{3}$
165202	1998	950	$\frac{1}{38}$	$\frac{4}{25}$	$\frac{1}{5}$	$\frac{7}{25}$	$\Phi_{950}^{2}\ \Phi_{475}^{2}\ \Phi_{190}^{3}\ \Phi_{95}^{3}\ \Phi_{50}^{2}\ \Phi_{38}^{2}\ \Phi_{19}^{2}\ \Phi_{10}^{3}\ \Phi_{2}^{2}$
165203	1998	1997	$\frac{41}{1997}$	$\frac{326}{1997}$	$\frac{480}{1997}$	$\frac{557}{1997}$	$\Phi_{1997}\ \Phi_{1}^{2}$
165204	1998	2668	$\frac{13}{667}$	$\frac{109}{667}$	$\frac{1}{4}$	$\frac{186}{667}$	$\Phi_{2668}\ \Phi_{1334}\ \Phi_{116}\ \Phi_{92}\ \Phi_{58}\ \Phi_{46}$
165205	1998	300	$\frac{1}{75}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{300}^{7}\ \Phi_{150}^{7}\ \Phi_{100}^{7}\ \Phi_{75}^{6}\ \Phi_{60}^{7}\ \Phi_{50}^{7}\ \Phi_{30}^{7}\ \Phi_{25}^{6}\ \Phi_{20}^{7}\ \Phi_{15}^{6}\ \Phi_{12}^{7}\ \Phi_{10}^{7}\ \Phi_{6}^{7}\ \Phi_{5}^{6}\ \Phi_{3}^{6}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
165206	1998	884	$\frac{5}{221}$	$\frac{36}{221}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{884}^{2}\ \Phi_{442}^{2}\ \Phi_{221}^{3}\ \Phi_{68}^{2}\ \Phi_{52}^{2}\ \Phi_{34}^{2}\ \Phi_{26}^{2}\ \Phi_{17}^{3}\ \Phi_{13}^{3}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
165207	1998	532	$\frac{1}{38}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{532}^{4}\ \Phi_{266}^{5}\ \Phi_{133}^{5}\ \Phi_{28}^{2}\ \Phi_{14}^{3}\ \Phi_{7}^{2}$
165208	1998	156	$\frac{2}{39}$	$\frac{1}{13}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{156}^{12}\ \Phi_{78}^{12}\ \Phi_{52}^{10}\ \Phi_{39}^{18}\ \Phi_{26}^{10}\ \Phi_{13}^{15}\ \Phi_{12}^{12}\ \Phi_{6}^{12}\ \Phi_{4}^{12}\ \Phi_{3}^{18}\ \Phi_{2}^{12}\ \Phi_{1}^{18}$
165209	1998	760	$\frac{1}{19}$	$\frac{3}{40}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{760}^{3}\ \Phi_{380}^{3}\ \Phi_{190}^{3}\ \Phi_{152}^{3}\ \Phi_{95}^{3}\ \Phi_{76}\ \Phi_{38}$
165210	1998	476	$\frac{1}{17}$	$\frac{8}{119}$	$\frac{1}{4}$	$\frac{1}{4}$	$\Phi_{476}^{4}\ \Phi_{238}^{4}\ \Phi_{119}^{6}\ \Phi_{68}^{2}\ \Phi_{34}^{4}\ \Phi_{28}^{4}\ \Phi_{17}^{3}\ \Phi_{14}^{4}\ \Phi_{7}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}\ \Phi_{1}^{6}$
165211	1998	368	$\frac{1}{23}$	$\frac{35}{368}$	$\frac{11}{46}$	$\frac{1}{4}$	$\Phi_{368}^{6}\ \Phi_{184}^{6}\ \Phi_{92}^{3}\ \Phi_{46}^{5}\ \Phi_{23}^{4}\ \Phi_{16}^{6}\ \Phi_{8}^{6}\ \Phi_{4}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
165212	1998	912	$\frac{1}{19}$	$\frac{1}{12}$	$\frac{11}{48}$	$\frac{1}{4}$	$\Phi_{912}^{3}\ \Phi_{456}^{3}\ \Phi_{304}^{3}\ \Phi_{152}^{3}\ \Phi_{76}\ \Phi_{38}$
165213	1998	460	$\frac{4}{115}$	$\frac{3}{23}$	$\frac{5}{23}$	$\frac{1}{4}$	$\Phi_{460}^{6}\ \Phi_{230}^{6}\ \Phi_{92}^{5}\ \Phi_{46}^{5}\ \Phi_{20}^{6}\ \Phi_{10}^{6}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
165214	1998	3220	$\frac{4}{115}$	$\frac{1}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{3220}\ \Phi_{1610}\ \Phi_{644}\ \Phi_{322}\ \Phi_{28}\ \Phi_{14}$
165215	1998	3420	$\frac{1}{19}$	$\frac{1}{9}$	$\frac{8}{45}$	$\frac{1}{4}$	$\Phi_{3420}\ \Phi_{1710}\ \Phi_{1140}\ \Phi_{570}\ \Phi_{380}\ \Phi_{190}\ \Phi_{76}\ \Phi_{38}$
165216	1998	3220	$\frac{1}{23}$	$\frac{22}{161}$	$\frac{139}{805}$	$\frac{1}{4}$	$\Phi_{3220}\ \Phi_{1610}\ \Phi_{460}\ \Phi_{230}\ \Phi_{140}\ \Phi_{92}\ \Phi_{70}\ \Phi_{46}\ \Phi_{20}\ \Phi_{10}$
165217	1998	1596	$\frac{1}{19}$	$\frac{5}{42}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1596}^{2}\ \Phi_{798}\ \Phi_{532}^{2}\ \Phi_{399}\ \Phi_{266}\ \Phi_{133}\ \Phi_{76}\ \Phi_{38}$
165218	1998	308	$\frac{1}{22}$	$\frac{1}{7}$	$\frac{7}{44}$	$\frac{1}{4}$	$\Phi_{308}^{7}\ \Phi_{154}^{8}\ \Phi_{77}^{8}\ \Phi_{28}^{8}\ \Phi_{14}^{9}\ \Phi_{7}^{8}$
165219	1998	2120	$\frac{3}{40}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{1}{4}$	$\Phi_{2120}\ \Phi_{1060}\ \Phi_{530}\ \Phi_{424}\ \Phi_{265}\ \Phi_{53}\ \Phi_{40}^{2}\ \Phi_{20}^{2}\ \Phi_{10}^{2}\ \Phi_{8}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
165220	1998	348	$\frac{2}{29}$	$\frac{3}{29}$	$\frac{13}{87}$	$\frac{1}{4}$	$\Phi_{348}^{9}\ \Phi_{174}^{9}\ \Phi_{116}^{5}\ \Phi_{58}^{5}\ \Phi_{12}^{9}\ \Phi_{6}^{9}\ \Phi_{4}^{4}\ \Phi_{2}^{4}$
165221	1998	280	$\frac{3}{40}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{280}^{9}\ \Phi_{140}^{7}\ \Phi_{70}^{8}\ \Phi_{56}^{9}\ \Phi_{35}^{8}\ \Phi_{28}^{8}\ \Phi_{14}^{9}\ \Phi_{7}^{8}$
165222	1998	3388	$\frac{10}{121}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{1}{4}$	$\Phi_{3388}\ \Phi_{1694}\ \Phi_{28}\ \Phi_{14}$
165223	1998	2544	$\frac{1}{12}$	$\frac{5}{53}$	$\frac{8}{53}$	$\frac{11}{48}$	$\Phi_{2544}\ \Phi_{1272}\ \Phi_{848}\ \Phi_{424}\ \Phi_{53}\ \Phi_{48}^{2}\ \Phi_{24}^{2}\ \Phi_{16}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
165224	1998	1680	$\frac{1}{12}$	$\frac{1}{10}$	$\frac{1}{7}$	$\frac{11}{48}$	$\Phi_{1680}^{2}\ \Phi_{840}^{2}\ \Phi_{560}^{2}\ \Phi_{336}\ \Phi_{280}^{2}\ \Phi_{168}\ \Phi_{112}\ \Phi_{70}\ \Phi_{56}\ \Phi_{35}\ \Phi_{14}$
165225	1998	2660	$\frac{1}{19}$	$\frac{1}{7}$	$\frac{6}{35}$	$\frac{29}{140}$	$\Phi_{2660}\ \Phi_{1330}\ \Phi_{532}\ \Phi_{380}\ \Phi_{266}\ \Phi_{190}\ \Phi_{133}\ \Phi_{76}\ \Phi_{38}$
165226	1998	2385	$\frac{5}{53}$	$\frac{1}{9}$	$\frac{8}{53}$	$\frac{8}{45}$	$\Phi_{2385}\ \Phi_{795}\ \Phi_{265}\ \Phi_{53}\ \Phi_{45}^{2}\ \Phi_{15}^{2}\ \Phi_{5}^{2}\ \Phi_{1}^{2}$
165227	1998	630	$\frac{1}{10}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{8}{45}$	$\Phi_{630}^{4}\ \Phi_{315}^{3}\ \Phi_{210}^{4}\ \Phi_{126}^{4}\ \Phi_{105}^{3}\ \Phi_{70}^{5}\ \Phi_{63}^{4}\ \Phi_{42}^{4}\ \Phi_{35}^{4}\ \Phi_{21}^{4}\ \Phi_{14}^{5}\ \Phi_{7}^{4}$
165228	1998	2226	$\frac{5}{53}$	$\frac{5}{42}$	$\frac{8}{53}$	$\frac{1}{6}$	$\Phi_{2226}\ \Phi_{1113}\ \Phi_{742}\ \Phi_{371}\ \Phi_{53}\ \Phi_{42}^{2}\ \Phi_{21}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
165229	1998	210	$\frac{1}{10}$	$\frac{5}{42}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{210}^{10}\ \Phi_{105}^{10}\ \Phi_{70}^{11}\ \Phi_{42}^{5}\ \Phi_{35}^{11}\ \Phi_{30}^{12}\ \Phi_{21}^{5}\ \Phi_{15}^{12}\ \Phi_{14}^{6}\ \Phi_{10}^{12}\ \Phi_{7}^{5}\ \Phi_{6}^{6}\ \Phi_{5}^{12}\ \Phi_{3}^{6}\ \Phi_{2}^{6}\ \Phi_{1}^{6}$
165230	1999	3984	$\frac{7}{1992}$	$\frac{1}{6}$	$\frac{5}{12}$	$\frac{1985}{3984}$	$\Phi_{3984}\ \Phi_{1328}\ \Phi_{48}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
165231	1999	3552	$\frac{1}{222}$	$\frac{223}{1776}$	$\frac{1553}{3552}$	$\frac{221}{444}$	$\Phi_{3552}\ \Phi_{1184}\ \Phi_{444}\ \Phi_{148}\ \Phi_{96}\ \Phi_{32}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
165232	1999	2664	$\frac{1}{222}$	$\frac{665}{2664}$	$\frac{223}{888}$	$\frac{221}{444}$	$\Phi_{2664}\ \Phi_{1332}\ \Phi_{666}\ \Phi_{444}\ \Phi_{333}\ \Phi_{148}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{4}\ \Phi_{1}$
165233	1999	3960	$\frac{19}{1980}$	$\frac{1}{18}$	$\frac{17}{36}$	$\frac{1961}{3960}$	$\Phi_{3960}\ \Phi_{1320}\ \Phi_{792}\ \Phi_{440}\ \Phi_{360}\ \Phi_{264}\ \Phi_{120}\ \Phi_{88}\ \Phi_{72}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
165234	1999	3848	$\frac{1}{74}$	$\frac{75}{1924}$	$\frac{1849}{3848}$	$\frac{73}{148}$	$\Phi_{3848}\ \Phi_{296}\ \Phi_{148}\ \Phi_{104}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
165235	1999	3888	$\frac{1}{54}$	$\frac{55}{1944}$	$\frac{1889}{3888}$	$\frac{53}{108}$	$\Phi_{3888}\ \Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{108}\ \Phi_{48}\ \Phi_{36}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
165236	1999	2916	$\frac{1}{54}$	$\frac{55}{972}$	$\frac{917}{2916}$	$\frac{53}{108}$	$\Phi_{2916}\ \Phi_{1458}\ \Phi_{729}\ \Phi_{108}\ \Phi_{36}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
165237	1999	2160	$\frac{1}{54}$	$\frac{161}{2160}$	$\frac{55}{216}$	$\frac{53}{108}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{90}\ \Phi_{80}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
165238	1999	2592	$\frac{1}{54}$	$\frac{55}{648}$	$\frac{593}{2592}$	$\frac{53}{108}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{108}\ \Phi_{96}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{16}\ \Phi_{12}\ \Phi_{4}\ \Phi_{1}$
165239	1999	2268	$\frac{1}{54}$	$\frac{269}{2268}$	$\frac{55}{324}$	$\frac{53}{108}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
165240	1999	2088	$\frac{2}{87}$	$\frac{89}{2088}$	$\frac{1}{3}$	$\frac{85}{174}$	$\Phi_{2088}\ \Phi_{1044}\ \Phi_{696}\ \Phi_{522}\ \Phi_{348}\ \Phi_{261}\ \Phi_{232}\ \Phi_{116}\ \Phi_{87}\ \Phi_{72}\ \Phi_{36}\ \Phi_{29}\ \Phi_{24}\ \Phi_{18}\ \Phi_{12}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
165241	1999	3888	$\frac{55}{1944}$	$\frac{1}{27}$	$\frac{26}{81}$	$\frac{1889}{3888}$	$\Phi_{3888}\ \Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{81}\ \Phi_{48}\ \Phi_{16}\ \Phi_1$
165242	1999	3888	$\frac{55}{1944}$	$\frac{1}{18}$	$\frac{17}{72}$	$\frac{1889}{3888}$	$\Phi_{3888}\ \Phi_{1296}\ \Phi_{432}\ \Phi_{144}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
165243	1999	2070	$\frac{2}{69}$	$\frac{71}{2070}$	$\frac{1}{3}$	$\frac{67}{138}$	$\Phi_{2070}\ \Phi_{1035}\ \Phi_{690}\ \Phi_{414}\ \Phi_{345}\ \Phi_{230}\ \Phi_{207}\ \Phi_{115}\ \Phi_{90}\ \Phi_{69}\ \Phi_{45}\ \Phi_{30}\ \Phi_{23}\ \Phi_{18}\ \Phi_{15}\ \Phi_{10}\ \Phi_9\ \Phi_5\ \Phi_1$
165244	1999	3864	$\frac{2}{69}$	$\frac{67}{1932}$	$\frac{1}{3}$	$\frac{1865}{3864}$	$\Phi_{3864}\ \Phi_{1288}\ \Phi_{552}\ \Phi_{184}\ \Phi_{168}\ \Phi_{69}\ \Phi_{56}\ \Phi_{24}\ \Phi_{23}\ \Phi_8\ \Phi_1$
165245	1999	2700	$\frac{1}{27}$	$\frac{26}{675}$	$\frac{701}{2700}$	$\frac{649}{1350}$	$\Phi_{2700}\ \Phi_{900}\ \Phi_{675}\ \Phi_{540}\ \Phi_{300}\ \Phi_{225}\ \Phi_{180}\ \Phi_{135}\ \Phi_{108}\ \Phi_{100}\ \Phi_{75}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{25}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
165246	1999	3828	$\frac{2}{87}$	$\frac{85}{1914}$	$\frac{1}{3}$	$\frac{1829}{3828}$	$\Phi_{3828}\ \Phi_{1276}\ \Phi_{348}\ \Phi_{132}\ \Phi_{116}\ \Phi_{87}\ \Phi_{44}\ \Phi_{29}\ \Phi_{12}\ \Phi_4\ \Phi_1$
165247	1999	2376	$\frac{19}{396}$	$\frac{1}{18}$	$\frac{377}{2376}$	$\frac{17}{36}$	$\Phi_{2376}\ \Phi_{1188}\ \Phi_{792}\ \Phi_{594}\ \Phi_{297}\ \Phi_{264}\ \Phi_{216}\ \Phi_{108}\ \Phi_{88}\ \Phi_{72}\ \Phi_{54}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
165248	1999	2160	$\frac{1}{18}$	$\frac{161}{2160}$	$\frac{19}{180}$	$\frac{17}{36}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{216}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{54}\ \Phi_{48}\ \Phi_{40}\ \Phi_{36}\ \Phi_{27}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
165249	1999	3780	$\frac{1}{27}$	$\frac{109}{1890}$	$\frac{26}{135}$	$\frac{1781}{3780}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{135}\ \Phi_{108}\ \Phi_{84}\ \Phi_{60}\ \Phi_{45}\ \Phi_{36}\ \Phi_{28}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_5\ \Phi_4\ \Phi_1$
165250	1999	3780	$\frac{1}{18}$	$\frac{109}{1890}$	$\frac{17}{126}$	$\frac{1781}{3780}$	$\Phi_{3780}\ \Phi_{1260}\ \Phi_{756}\ \Phi_{540}\ \Phi_{420}\ \Phi_{252}\ \Phi_{180}\ \Phi_{140}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{63}\ \Phi_{60}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
165251	1999	2304	$\frac{1}{18}$	$\frac{17}{288}$	$\frac{305}{2304}$	$\frac{271}{576}$	$\Phi_{2304}\ \Phi_{1152}\ \Phi_{768}\ \Phi_{384}\ \Phi_{288}\ \Phi_{256}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
165252	1999	2430	$\frac{1}{27}$	$\frac{26}{405}$	$\frac{431}{2430}$	$\frac{379}{810}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{486}\ \Phi_{405}\ \Phi_{243}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{15}\ \Phi_5\ \Phi_1$
165253	1999	3744	$\frac{1}{18}$	$\frac{127}{1872}$	$\frac{17}{144}$	$\frac{1745}{3744}$	$\Phi_{3744}\ \Phi_{1248}\ \Phi_{416}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
165254	1999	3700	$\frac{1}{37}$	$\frac{149}{1850}$	$\frac{36}{185}$	$\frac{1701}{3700}$	$\Phi_{3700}\ \Phi_{740}\ \Phi_{185}\ \Phi_{148}\ \Phi_{100}\ \Phi_{20}\ \Phi_5\ \Phi_4\ \Phi_1$
165255	1999	2442	$\frac{1}{37}$	$\frac{36}{407}$	$\frac{443}{2442}$	$\frac{371}{814}$	$\Phi_{2442}\ \Phi_{1221}\ \Phi_{407}\ \Phi_{222}\ \Phi_{111}\ \Phi_{66}\ \Phi_{33}\ \Phi_{11}\ \Phi_6\ \Phi_3\ \Phi_1$
165256	1999	3552	$\frac{1}{74}$	$\frac{223}{1776}$	$\frac{73}{296}$	$\frac{1553}{3552}$	$\Phi_{3552}\ \Phi_{1184}\ \Phi_{296}\ \Phi_{148}\ \Phi_{96}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
165257	1999	3528	$\frac{1}{18}$	$\frac{17}{252}$	$\frac{235}{1764}$	$\frac{1529}{3528}$	$\Phi_{3528}\ \Phi_{1176}\ \Phi_{504}\ \Phi_{392}\ \Phi_{252}\ \Phi_{168}\ \Phi_{126}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
165258	1999	3456	$\frac{1}{18}$	$\frac{17}{288}$	$\frac{271}{1728}$	$\frac{1457}{3456}$	$\Phi_{3456}\ \Phi_{1152}\ \Phi_{384}\ \Phi_{288}\ \Phi_{144}\ \Phi_{128}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_8\ \Phi_4\ \Phi_1$
165259	1999	2988	$\frac{7}{996}$	$\frac{1}{6}$	$\frac{989}{2988}$	$\frac{5}{12}$	$\Phi_{2988}\ \Phi_{1494}\ \Phi_{747}\ \Phi_{36}\ \Phi_{18}\ \Phi_{12}\ \Phi_9\ \Phi_4\ \Phi_1$
165260	1999	2016	$\frac{17}{2016}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{5}{12}$	$\Phi_{2016}\ \Phi_{1008}\ \Phi_{672}\ \Phi_{504}\ \Phi_{336}\ \Phi_{288}\ \Phi_{252}\ \Phi_{224}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{96}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{32}\ \Phi_{28}\ \Phi_{21}\ \Phi_{18}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_9\ \Phi_7\ \Phi_4\ \Phi_1$
165261	1999	2160	$\frac{1}{27}$	$\frac{161}{2160}$	$\frac{26}{135}$	$\frac{109}{270}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{240}\ \Phi_{216}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{108}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_8\ \Phi_5\ \Phi_4\ \Phi_1$
165262	1999	2220	$\frac{1}{37}$	$\frac{221}{2220}$	$\frac{36}{185}$	$\frac{149}{370}$	$\Phi_{2220}\ \Phi_{1110}\ \Phi_{740}\ \Phi_{555}\ \Phi_{444}\ \Phi_{222}\ \Phi_{185}\ \Phi_{148}\ \Phi_{111}\ \Phi_{60}\ \Phi_{30}\ \Phi_{20}\ \Phi_{15}\ \Phi_{12}\ \Phi_6\ \Phi_5\ \Phi_4\ \Phi_3\ \Phi_1$
165263	1999	3256	$\frac{1}{37}$	$\frac{36}{407}$	$\frac{371}{1628}$	$\frac{1257}{3256}$	$\Phi_{3256}\ \Phi_{407}\ \Phi_{296}\ \Phi_{88}\ \Phi_{11}\ \Phi_8\ \Phi_1$
165264	1999	3240	$\frac{1}{27}$	$\frac{26}{405}$	$\frac{379}{1620}$	$\frac{1241}{3240}$	$\Phi_{3240}\ \Phi_{1080}\ \Phi_{648}\ \Phi_{405}\ \Phi_{360}\ \Phi_{216}\ \Phi_{135}\ \Phi_{120}\ \Phi_{81}\ \Phi_{72}\ \Phi_{45}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_8\ \Phi_5\ \Phi_1$
165265	1999	2368	$\frac{1}{74}$	$\frac{369}{2368}$	$\frac{73}{296}$	$\frac{223}{592}$	$\Phi_{2368}\ \Phi_{1184}\ \Phi_{296}\ \Phi_{148}\ \Phi_{64}\ \Phi_{32}\ \Phi_8\ \Phi_4\ \Phi_1$
165266	1999	3108	$\frac{1}{74}$	$\frac{73}{518}$	$\frac{445}{1554}$	$\frac{1109}{3108}$	$\Phi_{3108}\ \Phi_{1036}\ \Phi_{518}\ \Phi_{444}\ \Phi_{259}\ \Phi_{148}\ \Phi_{84}\ \Phi_{28}\ \Phi_{14}\ \Phi_{12}\ \Phi_7\ \Phi_4\ \Phi_1$
165267	1999	2106	$\frac{1}{27}$	$\frac{107}{2106}$	$\frac{26}{81}$	$\frac{55}{162}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{702}\ \Phi_{351}\ \Phi_{234}\ \Phi_{117}\ \Phi_{81}\ \Phi_{78}\ \Phi_{39}\ \Phi_{26}\ \Phi_{13}\ \Phi_1$
165268	1999	3024	$\frac{17}{504}$	$\frac{1}{18}$	$\frac{487}{1512}$	$\frac{1025}{3024}$	$\Phi_{3024}\ \Phi_{1008}\ \Phi_{504}\ \Phi_{432}\ \Phi_{336}\ \Phi_{252}\ \Phi_{168}\ \Phi_{144}\ \Phi_{126}\ \Phi_{112}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{56}\ \Phi_{48}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{16}\ \Phi_{14}\ \Phi_{12}\ \Phi_8\ \Phi_7\ \Phi_4\ \Phi_1$
165269	1999	2898	$\frac{2}{69}$	$\frac{67}{966}$	$\frac{899}{2898}$	$\frac{1}{3}$	$\Phi_{2898}\ \Phi_{1449}\ \Phi_{414}\ \Phi_{207}\ \Phi_{126}\ \Phi_{69}\ \Phi_{63}\ \Phi_{23}\ \Phi_{18}\ \Phi_9\ \Phi_1$
165270	1999	2871	$\frac{2}{87}$	$\frac{85}{957}$	$\frac{872}{2871}$	$\frac{1}{3}$	$\Phi_{2871}\ \Phi_{261}\ \Phi_{99}\ \Phi_{87}\ \Phi_{29}\ \Phi_9\ \Phi_1$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
165271	1999	2208	$\frac{2}{69}$	$\frac{209}{2208}$	$\frac{67}{276}$	$\frac{1}{3}$	$\Phi_{2208}\ \Phi_{1104}\ \Phi_{736}\ \Phi_{552}\ \Phi_{368}\ \Phi_{184}\ \Phi_{96}\ \Phi_{69}\ \Phi_{48}\ \Phi_{32}\ \Phi_{24}\ \Phi_{23}\ \Phi_{16}\ \Phi_{8}\ \Phi_{1}$
165272	1999	2415	$\frac{2}{69}$	$\frac{67}{483}$	$\frac{416}{2415}$	$\frac{1}{3}$	$\Phi_{2415}\ \Phi_{805}\ \Phi_{345}\ \Phi_{115}\ \Phi_{105}\ \Phi_{69}\ \Phi_{35}\ \Phi_{23}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
165273	1999	2916	$\frac{1}{27}$	$\frac{55}{972}$	$\frac{917}{2916}$	$\frac{26}{81}$	$\Phi_{2916}\ \Phi_{1458}\ \Phi_{729}\ \Phi_{81}\ \Phi_{1}$
165274	1999	2592	$\frac{1}{27}$	$\frac{55}{648}$	$\frac{593}{2592}$	$\frac{26}{81}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{81}\ \Phi_{48}\ \Phi_{32}\ \Phi_{16}\ \Phi_{1}$
165275	1999	2187	$\frac{1}{27}$	$\frac{188}{2187}$	$\frac{55}{243}$	$\frac{26}{81}$	$\Phi_{2187}\ \Phi_{729}\ \Phi_{81}\ \Phi_{1}$
165276	1999	2430	$\frac{1}{27}$	$\frac{55}{486}$	$\frac{431}{2430}$	$\frac{26}{81}$	$\Phi_{2430}\ \Phi_{1215}\ \Phi_{810}\ \Phi_{405}\ \Phi_{270}\ \Phi_{135}\ \Phi_{90}\ \Phi_{81}\ \Phi_{45}\ \Phi_{30}\ \Phi_{15}\ \Phi_{10}\ \Phi_{5}\ \Phi_{1}$
165277	1999	2268	$\frac{1}{27}$	$\frac{269}{2268}$	$\frac{55}{324}$	$\frac{26}{81}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{378}\ \Phi_{252}\ \Phi_{189}\ \Phi_{126}\ \Phi_{84}\ \Phi_{81}\ \Phi_{63}\ \Phi_{42}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{7}\ \Phi_{1}$
165278	1999	2592	$\frac{1}{18}$	$\frac{17}{288}$	$\frac{593}{2592}$	$\frac{271}{864}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{648}\ \Phi_{324}\ \Phi_{288}\ \Phi_{162}\ \Phi_{144}\ \Phi_{96}\ \Phi_{81}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
165279	1999	2835	$\frac{1}{27}$	$\frac{109}{945}$	$\frac{26}{135}$	$\frac{836}{2835}$	$\Phi_{2835}\ \Phi_{567}\ \Phi_{405}\ \Phi_{135}\ \Phi_{81}\ \Phi_{45}\ \Phi_{15}\ \Phi_{5}\ \Phi_{1}$
165280	1999	2268	$\frac{1}{18}$	$\frac{269}{2268}$	$\frac{17}{126}$	$\frac{109}{378}$	$\Phi_{2268}\ \Phi_{1134}\ \Phi_{756}\ \Phi_{567}\ \Phi_{324}\ \Phi_{252}\ \Phi_{162}\ \Phi_{126}\ \Phi_{108}\ \Phi_{84}\ \Phi_{81}\ \Phi_{63}\ \Phi_{42}\ \Phi_{36}\ \Phi_{28}\ \Phi_{21}\ \Phi_{14}\ \Phi_{12}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
165281	1999	2775	$\frac{1}{37}$	$\frac{149}{925}$	$\frac{36}{185}$	$\frac{776}{2775}$	$\Phi_{2775}\ \Phi_{555}\ \Phi_{185}\ \Phi_{111}\ \Phi_{75}\ \Phi_{15}\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}$
165282	1999	2160	$\frac{1}{18}$	$\frac{161}{2160}$	$\frac{17}{72}$	$\frac{55}{216}$	$\Phi_{2160}\ \Phi_{1080}\ \Phi_{720}\ \Phi_{540}\ \Phi_{432}\ \Phi_{360}\ \Phi_{270}\ \Phi_{240}\ \Phi_{180}\ \Phi_{144}\ \Phi_{135}\ \Phi_{120}\ \Phi_{90}\ \Phi_{80}\ \Phi_{72}\ \Phi_{60}\ \Phi_{48}\ \Phi_{45}\ \Phi_{40}\ \Phi_{36}\ \Phi_{30}\ \Phi_{24}\ \Phi_{20}\ \Phi_{16}\ \Phi_{15}\ \Phi_{12}\ \Phi_{10}\ \Phi_{8}\ \Phi_{5}\ \Phi_{4}\ \Phi_{1}$
165283	1999	2664	$\frac{1}{74}$	$\frac{73}{296}$	$\frac{665}{2664}$	$\frac{223}{888}$	$\Phi_{2664}\ \Phi_{1332}\ \Phi_{666}\ \Phi_{333}\ \Phi_{296}\ \Phi_{148}\ \Phi_{72}\ \Phi_{36}\ \Phi_{18}\ \Phi_{9}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
165284	1999	2592	$\frac{1}{18}$	$\frac{55}{648}$	$\frac{593}{2592}$	$\frac{17}{72}$	$\Phi_{2592}\ \Phi_{1296}\ \Phi_{864}\ \Phi_{432}\ \Phi_{288}\ \Phi_{144}\ \Phi_{96}\ \Phi_{72}\ \Phi_{48}\ \Phi_{36}\ \Phi_{32}\ \Phi_{24}\ \Phi_{16}\ \Phi_{12}\ \Phi_{8}\ \Phi_{4}\ \Phi_{1}$
165285	1999	2520	$\frac{1}{18}$	$\frac{17}{126}$	$\frac{109}{630}$	$\frac{521}{2520}$	$\Phi_{2520}\ \Phi_{1260}\ \Phi_{840}\ \Phi_{504}\ \Phi_{420}\ \Phi_{360}\ \Phi_{280}\ \Phi_{252}\ \Phi_{180}\ \Phi_{168}\ \Phi_{140}\ \Phi_{126}\ \Phi_{120}\ \Phi_{84}\ \Phi_{72}\ \Phi_{63}\ \Phi_{60}\ \Phi_{56}\ \Phi_{42}\ \Phi_{40}\ \Phi_{36}\ \Phi_{28}\ \Phi_{24}\ \Phi_{21}\ \Phi_{20}\ \Phi_{14}\ \Phi_{12}\ \Phi_{8}\ \Phi_{7}\ \Phi_{4}\ \Phi_{1}$
165286	2000	1497	$\frac{1}{499}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{249}{499}$	$\Phi_{1497}\ \Phi_{499}^2\ \Phi_{3}^2\ \Phi_{1}^4$
165287	2000	1999	$\frac{5}{1999}$	$\frac{501}{1999}$	$\frac{749}{1999}$	$\frac{997}{1999}$	$\Phi_{1999}\ \Phi_{1}^2$
165288	2000	3192	$\frac{1}{399}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{199}{399}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{399}\ \Phi_{168}\ \Phi_{152}\ \Phi_{133}\ \Phi_{57}\ \Phi_{56}\ \Phi_{24}\ \Phi_{21}\ \Phi_{19}\ \Phi_{8}^2\ \Phi_{7}\ \Phi_{3}\ \Phi_{1}^2$
165289	2000	3003	$\frac{3}{1001}$	$\frac{251}{1001}$	$\frac{1}{3}$	$\frac{499}{1001}$	$\Phi_{3003}\ \Phi_{429}\ \Phi_{273}\ \Phi_{231}\ \Phi_{39}\ \Phi_{33}\ \Phi_{21}$
165290	2000	1743	$\frac{1}{249}$	$\frac{1}{7}$	$\frac{3}{7}$	$\frac{124}{249}$	$\Phi_{1743}\ \Phi_{581}\ \Phi_{249}^2\ \Phi_{83}^2\ \Phi_{21}\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
165291	2000	1245	$\frac{1}{249}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{124}{249}$	$\Phi_{1245}^2\ \Phi_{415}^2\ \Phi_{15}^3\ \Phi_{5}^2$
165292	2000	1999	$\frac{9}{1999}$	$\frac{251}{1999}$	$\frac{874}{1999}$	$\frac{995}{1999}$	$\Phi_{1999}\ \Phi_{1}^2$
165293	2000	1791	$\frac{1}{199}$	$\frac{1}{9}$	$\frac{4}{9}$	$\frac{99}{199}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
165294	2000	1194	$\frac{1}{199}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{99}{199}$	$\Phi_{1194}^2\ \Phi_{597}\ \Phi_{398}^2\ \Phi_{199}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
165295	2000	1999	$\frac{11}{1999}$	$\frac{201}{1999}$	$\frac{899}{1999}$	$\frac{994}{1999}$	$\Phi_{1999}\ \Phi_{1}^2$
165296	2000	835	$\frac{1}{167}$	$\frac{1}{5}$	$\frac{42}{167}$	$\frac{83}{167}$	$\Phi_{835}^3\ \Phi_{5}^2$
165297	2000	1491	$\frac{3}{497}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{247}{497}$	$\Phi_{1491}^2\ \Phi_{213}^2\ \Phi_{21}^3\ \Phi_{3}^2$
165298	2000	1999	$\frac{13}{1999}$	$\frac{374}{1999}$	$\frac{503}{1999}$	$\frac{993}{1999}$	$\Phi_{1999}\ \Phi_{1}^2$
165299	2000	429	$\frac{1}{143}$	$\frac{18}{143}$	$\frac{1}{3}$	$\frac{71}{143}$	$\Phi_{429}^7\ \Phi_{39}^7\ \Phi_{33}^7\ \Phi_{3}^6$
165300	2000	2406	$\frac{3}{401}$	$\frac{1}{6}$	$\frac{101}{401}$	$\frac{199}{401}$	$\Phi_{2406}\ \Phi_{1203}\ \Phi_{802}$
165301	2000	3720	$\frac{1}{124}$	$\frac{1}{15}$	$\frac{7}{15}$	$\frac{123}{248}$	$\Phi_{3720}\ \Phi_{1240}\ \Phi_{744}\ \Phi_{248}^2\ \Phi_{120}\ \Phi_{40}\ \Phi_{24}\ \Phi_{15}\ \Phi_{8}^2\ \Phi_{5}\ \Phi_{3}\ \Phi_{1}^2$
165302	2000	2232	$\frac{1}{124}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{123}{248}$	$\Phi_{2232}^2\ \Phi_{744}\ \Phi_{248}^2\ \Phi_{72}^2\ \Phi_{24}\ \Phi_{9}^2\ \Phi_{8}^2\ \Phi_{3}\ \Phi_{1}^2$
165303	2000	1240	$\frac{1}{124}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{123}{248}$	$\Phi_{1240}^3\ \Phi_{248}^4\ \Phi_{40}^3\ \Phi_{8}^4\ \Phi_{5}^3\ \Phi_{1}^4$
165304	2000	1999	$\frac{17}{1999}$	$\frac{299}{1999}$	$\frac{504}{1999}$	$\frac{991}{1999}$	$\Phi_{1999}\ \Phi_{1}^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
165305	2000	3003	$\frac{9}{1001}$	$\frac{101}{1001}$	$\frac{1}{3}$	$\frac{496}{1001}$	$\Phi_{3003}\ \Phi_{429}\ \Phi_{273}\ \Phi_{231}\ \Phi_{39}\ \Phi_{33}\ \Phi_{21}$
165306	2000	1881	$\frac{1}{99}$	$\frac{1}{19}$	$\frac{9}{19}$	$\frac{49}{99}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{209}\ \Phi_{171}\ \Phi_{99}^2\ \Phi_{57}\ \Phi_{33}^2\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
165307	2000	99	$\frac{1}{99}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{49}{99}$	$\Phi_{99}^{20}\ \Phi_{33}^{21}\ \Phi_{11}^{20}\ \Phi_{9}^{20}\ \Phi_{3}^{20}\ \Phi_{1}^{20}$
165308	2000	1881	$\frac{1}{99}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{49}{99}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{209}\ \Phi_{171}\ \Phi_{99}^2\ \Phi_{57}\ \Phi_{33}^2\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_{9}^2\ \Phi_{3}^2\ \Phi_{1}^4$
165309	2000	990	$\frac{1}{99}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{49}{99}$	$\Phi_{990}^3\ \Phi_{495}^2\ \Phi_{330}^3\ \Phi_{165}^2\ \Phi_{110}^3\ \Phi_{90}^3\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_{5}^2$
165310	2000	1999	$\frac{21}{1999}$	$\frac{101}{1999}$	$\frac{949}{1999}$	$\frac{989}{1999}$	$\Phi_{1999}\ \Phi_{1}^2$
165311	2000	273	$\frac{1}{91}$	$\frac{23}{273}$	$\frac{1}{3}$	$\frac{45}{91}$	$\Phi_{273}^7\ \Phi_{91}^8\ \Phi_{39}^7\ \Phi_{21}^7\ \Phi_{13}^8\ \Phi_{7}^8\ \Phi_{3}^6\ \Phi_{1}^8$
165312	2000	741	$\frac{3}{247}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{122}{247}$	$\Phi_{741}^4\ \Phi_{57}^4\ \Phi_{39}^5\ \Phi_{3}^4$
165313	2000	3792	$\frac{1}{79}$	$\frac{1}{24}$	$\frac{23}{48}$	$\frac{39}{79}$	$\Phi_{3792}\ \Phi_{1264}\ \Phi_{79}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_{1}^2$
165314	2000	2133	$\frac{1}{79}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{39}{79}$	$\Phi_{2133}\ \Phi_{711}\ \Phi_{79}\ \Phi_{27}^2\ \Phi_{9}^2\ \Phi_{1}^2$
165315	2000	2844	$\frac{1}{79}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{39}{79}$	$\Phi_{2844}\ \Phi_{1422}\ \Phi_{711}\ \Phi_{79}\ \Phi_{36}^2\ \Phi_{18}^2\ \Phi_{9}^2\ \Phi_{1}^2$
165316	2000	2212	$\frac{1}{79}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{39}{79}$	$\Phi_{2212}\ \Phi_{1106}\ \Phi_{553}\ \Phi_{79}\ \Phi_{28}^2\ \Phi_{14}^2\ \Phi_{7}^2\ \Phi_{1}^2$
165317	2000	2528	$\frac{1}{79}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{39}{79}$	$\Phi_{2528}\ \Phi_{1264}\ \Phi_{79}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_{1}^2$
165318	2000	474	$\frac{1}{79}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{39}{79}$	$\Phi_{474}^4\ \Phi_{237}^4\ \Phi_{158}^4\ \Phi_{79}^5\ \Phi_{6}^8\ \Phi_{3}^8\ \Phi_{2}^8\ \Phi_{1}^{10}$
165319	2000	1617	$\frac{1}{77}$	$\frac{39}{539}$	$\frac{1}{3}$	$\frac{38}{77}$	$\Phi_{1617}^2\ \Phi_{231}\ \Phi_{147}^2\ \Phi_{33}\ \Phi_{21}$
165320	2000	737	$\frac{1}{67}$	$\frac{1}{11}$	$\frac{17}{67}$	$\frac{33}{67}$	$\Phi_{737}^3\ \Phi_{11}^2$
165321	2000	1999	$\frac{31}{1999}$	$\frac{203}{1999}$	$\frac{449}{1999}$	$\frac{984}{1999}$	$\Phi_{1999}\ \Phi_{1}^2$
165322	2000	4182	$\frac{2}{123}$	$\frac{1}{17}$	$\frac{1}{3}$	$\frac{121}{246}$	$\Phi_{4182}\ \Phi_{1394}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
165323	2000	1999	$\frac{33}{1999}$	$\frac{254}{1999}$	$\frac{349}{1999}$	$\frac{983}{1999}$	$\Phi_{1999}\ \Phi_{1}^2$
165324	2000	2406	$\frac{7}{401}$	$\frac{51}{401}$	$\frac{1}{6}$	$\frac{197}{401}$	$\Phi_{2406}\ \Phi_{1203}\ \Phi_{802}$
165325	2000	835	$\frac{3}{167}$	$\frac{17}{167}$	$\frac{1}{5}$	$\frac{82}{167}$	$\Phi_{835}^3\ \Phi_{5}^2$
165326	2000	1999	$\frac{37}{1999}$	$\frac{149}{1999}$	$\frac{509}{1999}$	$\frac{981}{1999}$	$\Phi_{1999}\ \Phi_{1}^2$
165327	2000	3003	$\frac{19}{1001}$	$\frac{51}{1001}$	$\frac{1}{3}$	$\frac{491}{1001}$	$\Phi_{3003}\ \Phi_{429}\ \Phi_{273}\ \Phi_{231}\ \Phi_{39}\ \Phi_{33}\ \Phi_{21}$
165328	2000	1911	$\frac{1}{49}$	$\frac{1}{39}$	$\frac{19}{39}$	$\frac{24}{49}$	$\Phi_{1911}\ \Phi_{637}\ \Phi_{273}\ \Phi_{147}\ \Phi_{91}\ \Phi_{49}^2\ \Phi_{39}^2\ \Phi_{21}\ \Phi_{13}^2\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
165329	2000	147	$\frac{1}{49}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{24}{49}$	$\Phi_{147}^{13}\ \Phi_{49}^{14}\ \Phi_{21}^{15}\ \Phi_{7}^{16}\ \Phi_{3}^{14}\ \Phi_{1}^{16}$
165330	2000	637	$\frac{1}{49}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{24}{49}$	$\Phi_{637}^3\ \Phi_{91}^3\ \Phi_{49}^4\ \Phi_{13}^6\ \Phi_{7}^4\ \Phi_{1}^8$
165331	2000	2695	$\frac{1}{49}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{24}{49}$	$\Phi_{2695}\ \Phi_{385}\ \Phi_{55}^2$
165332	2000	1911	$\frac{1}{49}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{24}{49}$	$\Phi_{1911}\ \Phi_{637}\ \Phi_{273}\ \Phi_{147}\ \Phi_{91}\ \Phi_{49}^2\ \Phi_{39}^2\ \Phi_{21}\ \Phi_{13}^2\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
165333	2000	882	$\frac{1}{49}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{24}{49}$	$\Phi_{882}^3\ \Phi_{441}^2\ \Phi_{294}^2\ \Phi_{147}\ \Phi_{126}^3\ \Phi_{98}^2\ \Phi_{63}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{18}^6\ \Phi_{14}^2\ \Phi_{9}^4\ \Phi_{7}^2\ \Phi_{6}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
165334	2000	1999	$\frac{41}{1999}$	$\frac{51}{1999}$	$\frac{974}{1999}$	$\frac{979}{1999}$	$\Phi_{1999}\ \Phi_{1}^2$
165335	2000	1999	$\frac{41}{1999}$	$\frac{204}{1999}$	$\frac{359}{1999}$	$\frac{979}{1999}$	$\Phi_{1999}\ \Phi_{1}^2$
165336	2000	2406	$\frac{9}{401}$	$\frac{41}{401}$	$\frac{1}{6}$	$\frac{196}{401}$	$\Phi_{2406}\ \Phi_{1203}\ \Phi_{802}$
165337	2000	2856	$\frac{1}{42}$	$\frac{1}{17}$	$\frac{43}{168}$	$\frac{41}{84}$	$\Phi_{2856}\ \Phi_{952}\ \Phi_{714}\ \Phi_{408}\ \Phi_{357}\ \Phi_{238}\ \Phi_{136}\ \Phi_{119}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
165338	2000	78	$\frac{1}{39}$	$\frac{1}{26}$	$\frac{1}{3}$	$\frac{19}{39}$	$\Phi_{78}^{27}\ \Phi_{39}^{25}\ \Phi_{26}^{26}\ \Phi_{13}^{24}\ \Phi_{6}^{27}\ \Phi_{3}^{24}\ \Phi_{2}^{26}\ \Phi_{1}^{24}$
165339	2000	1911	$\frac{1}{39}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{19}{39}$	$\Phi_{1911}\ \Phi_{637}\ \Phi_{273}\ \Phi_{147}\ \Phi_{91}\ \Phi_{49}^2\ \Phi_{39}^2\ \Phi_{21}\ \Phi_{13}^2\ \Phi_{7}^2\ \Phi_{3}^2\ \Phi_{1}^4$
165340	2000	858	$\frac{1}{39}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{19}{39}$	$\Phi_{858}^3\ \Phi_{429}^2\ \Phi_{286}^3\ \Phi_{143}^2\ \Phi_{66}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{11}^2$
165341	2000	1092	$\frac{1}{39}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{19}{39}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{156}^2\ \Phi_{91}\ \Phi_{84}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{42}^2\ \Phi_{39}^2\ \Phi_{28}^4\ \Phi_{26}^2\ \Phi_{21}\ \Phi_{14}^4\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_{7}^2\ \Phi_{6}^2\ \Phi_{4}^4\ \Phi_{3}^2\ \Phi_{2}^4\ \Phi_{1}^4$
165342	2000	2121	$\frac{3}{101}$	$\frac{1}{21}$	$\frac{26}{101}$	$\frac{49}{101}$	$\Phi_{2121}\ \Phi_{707}\ \Phi_{303}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
165343	2000	1999	$\frac{61}{1999}$	$\frac{103}{1999}$	$\frac{474}{1999}$	$\frac{969}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165344	2000	1999	$\frac{65}{1999}$	$\frac{129}{1999}$	$\frac{374}{1999}$	$\frac{967}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165345	2000	2211	$\frac{7}{201}$	$\frac{1}{11}$	$\frac{26}{201}$	$\frac{97}{201}$	$\Phi_{2211}\ \Phi_{737}\ \Phi_{33}$
165346	2000	1999	$\frac{71}{1999}$	$\frac{207}{1999}$	$\frac{224}{1999}$	$\frac{964}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165347	2000	2259	$\frac{9}{251}$	$\frac{26}{251}$	$\frac{1}{9}$	$\frac{121}{251}$	$\Phi_{2259}\ \Phi_{753}$
165348	2000	1999	$\frac{73}{1999}$	$\frac{174}{1999}$	$\frac{259}{1999}$	$\frac{963}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165349	2000	702	$\frac{1}{27}$	$\frac{1}{26}$	$\frac{7}{27}$	$\frac{13}{27}$	$\Phi_{702}^3\ \Phi_{351}^3\ \Phi_{234}^3\ \Phi_{117}^3\ \Phi_{78}^3\ \Phi_{54}^3\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{18}^3\ \Phi_{13}^2\ \Phi_6^3\ \Phi_2^2$
165350	2000	2406	$\frac{15}{401}$	$\frac{26}{401}$	$\frac{1}{6}$	$\frac{193}{401}$	$\Phi_{2406}\ \Phi_{1203}\ \Phi_{802}$
165351	2000	2505	$\frac{19}{501}$	$\frac{26}{501}$	$\frac{1}{5}$	$\frac{241}{501}$	$\Phi_{2505}\ \Phi_{835}\ \Phi_{15}$
165352	2000	1999	$\frac{74}{1999}$	$\frac{77}{1999}$	$\frac{519}{1999}$	$\frac{961}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165353	2000	231	$\frac{2}{77}$	$\frac{3}{77}$	$\frac{1}{3}$	$\frac{37}{77}$	$\Phi_{231}^{13}\ \Phi_{33}^{13}\ \Phi_{21}^{13}\ \Phi_3^{12}$
165354	2000	1999	$\frac{81}{1999}$	$\frac{104}{1999}$	$\frac{379}{1999}$	$\frac{959}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165355	2000	1968	$\frac{1}{41}$	$\frac{1}{24}$	$\frac{1}{3}$	$\frac{23}{48}$	$\Phi_{1968}^2\ \Phi_{656}^2\ \Phi_{123}$
165356	2000	3792	$\frac{3}{79}$	$\frac{1}{24}$	$\frac{19}{79}$	$\frac{23}{48}$	$\Phi_{3792}\ \Phi_{1264}\ \Phi_{79}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_1^2$
165357	2000	1680	$\frac{1}{24}$	$\frac{1}{21}$	$\frac{1}{5}$	$\frac{23}{48}$	$\Phi_{1680}^3\ \Phi_{560}^3\ \Phi_{240}^2\ \Phi_{105}\ \Phi_{80}^2\ \Phi_{35}\ \Phi_{15}$
165358	2000	3792	$\frac{1}{24}$	$\frac{4}{79}$	$\frac{15}{79}$	$\frac{23}{48}$	$\Phi_{3792}\ \Phi_{1264}\ \Phi_{79}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_1^2$
165359	2000	816	$\frac{1}{24}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{23}{48}$	$\Phi_{816}^5\ \Phi_{272}^5\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
165360	2000	3792	$\frac{1}{24}$	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{23}{48}$	$\Phi_{3792}\ \Phi_{1264}\ \Phi_{79}\ \Phi_{48}^2\ \Phi_{16}^2\ \Phi_1^2$
165361	2000	1584	$\frac{1}{24}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{23}{48}$	$\Phi_{1584}^3\ \Phi_{528}^2\ \Phi_{176}^2\ \Phi_{99}\ \Phi_{33}$
165362	2000	737	$\frac{3}{67}$	$\frac{1}{11}$	$\frac{7}{67}$	$\frac{32}{67}$	$\Phi_{737}^3\ \Phi_{11}^2$
165363	2000	1999	$\frac{91}{1999}$	$\frac{179}{1999}$	$\frac{209}{1999}$	$\frac{954}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165364	2000	2406	$\frac{19}{401}$	$\frac{21}{401}$	$\frac{1}{6}$	$\frac{191}{401}$	$\Phi_{2406}\ \Phi_{1203}\ \Phi_{802}$
165365	2000	1999	$\frac{59}{1999}$	$\frac{97}{1999}$	$\frac{524}{1999}$	$\frac{951}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165366	2000	429	$\frac{3}{143}$	$\frac{7}{143}$	$\frac{1}{3}$	$\frac{68}{143}$	$\Phi_{429}^7\ \Phi_{39}^7\ \Phi_{33}^7\ \Phi_3^6$
165367	2000	238	$\frac{6}{119}$	$\frac{1}{17}$	$\frac{1}{7}$	$\frac{113}{238}$	$\Phi_{238}^{16}\ \Phi_{119}\ \Phi_{34}^{16}\ \Phi_{14}^{16}\ \Phi_2^{16}$
165368	2000	969	$\frac{1}{51}$	$\frac{1}{19}$	$\frac{1}{3}$	$\frac{9}{19}$	$\Phi_{969}^2\ \Phi_{323}^2\ \Phi_{57}\ \Phi_{51}^4\ \Phi_{19}^2\ \Phi_{17}^4\ \Phi_3^2\ \Phi_1^4$
165369	2000	627	$\frac{1}{33}$	$\frac{1}{19}$	$\frac{8}{33}$	$\frac{9}{19}$	$\Phi_{627}^3\ \Phi_{209}^3\ \Phi_{57}^3\ \Phi_{33}^6\ \Phi_{19}^4\ \Phi_{11}^6\ \Phi_3^6\ \Phi_1^8$
165370	2000	2470	$\frac{1}{26}$	$\frac{1}{19}$	$\frac{1}{5}$	$\frac{9}{19}$	$\Phi_{2470}\ \Phi_{1235}\ \Phi_{190}\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{10}^2$
165371	2000	1881	$\frac{4}{99}$	$\frac{1}{19}$	$\frac{19}{99}$	$\frac{9}{19}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{209}\ \Phi_{171}\ \Phi_{99}^2\ \Phi_{57}\ \Phi_{33}^2\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
165372	2000	798	$\frac{1}{21}$	$\frac{1}{19}$	$\frac{1}{6}$	$\frac{9}{19}$	$\Phi_{798}^3\ \Phi_{399}^2\ \Phi_{266}^3\ \Phi_{133}^2\ \Phi_{114}^2\ \Phi_{57}\ \Phi_{42}^6\ \Phi_{38}^2\ \Phi_{21}^4\ \Phi_{19}^2\ \Phi_{14}^6\ \Phi_7^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
165373	2000	513	$\frac{1}{19}$	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{9}{19}$	$\Phi_{513}^4\ \Phi_{171}^3\ \Phi_{57}^3\ \Phi_{27}^8\ \Phi_{19}^4\ \Phi_9^6\ \Phi_3^6\ \Phi_1^8$
165374	2000	209	$\frac{1}{19}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{9}{19}$	$\Phi_{209}^9\ \Phi_{19}^{10}\ \Phi_{11}^{18}\ \Phi_1^{20}$
165375	2000	2448	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{19}{144}$	$\frac{17}{36}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{816}\ \Phi_{408}\ \Phi_{306}\ \Phi_{272}\ \Phi_{153}\ \Phi_{136}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
165376	2000	1394	$\frac{1}{41}$	$\frac{1}{17}$	$\frac{9}{34}$	$\frac{8}{17}$	$\Phi_{1394}^2\ \Phi_{697}\ \Phi_{82}^2$
165377	2000	930	$\frac{1}{62}$	$\frac{1}{15}$	$\frac{61}{186}$	$\frac{7}{15}$	$\Phi_{930}^2\ \Phi_{465}^2\ \Phi_{310}^2\ \Phi_{186}^3\ \Phi_{155}^2\ \Phi_{93}^3\ \Phi_{62}^2\ \Phi_{31}^2\ \Phi_{30}^2\ \Phi_{15}^3\ \Phi_{10}^2\ \Phi_6^3\ \Phi_5^3\ \Phi_3^4\ \Phi_2^2\ \Phi_1^4$
165378	2000	1920	$\frac{3}{128}$	$\frac{1}{15}$	$\frac{1}{4}$	$\frac{7}{15}$	$\Phi_{1920}\ \Phi_{960}\ \Phi_{640}\ \Phi_{480}\ \Phi_{384}\ \Phi_{320}\ \Phi_{240}\ \Phi_{192}\ \Phi_{160}\ \Phi_{128}^2\ \Phi_{120}\ \Phi_{96}\ \Phi_{80}\ \Phi_{64}^2\ \Phi_{48}\ \Phi_{40}\ \Phi_{32}^2\ \Phi_{24}\ \Phi_{16}^2\ \Phi_{15}\ \Phi_8^2\ \Phi_5\ \Phi_3\ \Phi_1^2$
165379	2000	465	$\frac{1}{31}$	$\frac{1}{15}$	$\frac{6}{31}$	$\frac{7}{15}$	$\Phi_{465}^4\ \Phi_{155}^4\ \Phi_{93}^4\ \Phi_{31}^8\ \Phi_{15}^5\ \Phi_5^5\ \Phi_3^5\ \Phi_1^{10}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
165380	2000	390	$\frac{1}{26}$	$\frac{1}{15}$	$\frac{1}{6}$	$\frac{7}{15}$	$\Phi_{390}^{5}\ \Phi_{195}^{5}\ \Phi_{130}^{5}\ \Phi_{78}^{7}\ \Phi_{65}^{5}\ \Phi_{39}^{7}\ \Phi_{30}^{2}\ \Phi_{26}^{6}\ \Phi_{15}^{3}\ \Phi_{13}^{6}\ \Phi_{10}^{2}\ \Phi_{6}^{3}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
165381	2000	3978	$\frac{1}{17}$	$\frac{8}{117}$	$\frac{1}{9}$	$\frac{109}{234}$	$\Phi_{3978}\ \Phi_{1326}\ \Phi_{442}\ \Phi_{306}\ \Phi_{153}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
165382	2000	476	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{3}{28}$	$\frac{13}{28}$	$\Phi_{476}^{4}\ \Phi_{238}^{5}\ \Phi_{119}^{5}\ \Phi_{68}^{4}\ \Phi_{34}^{5}\ \Phi_{17}^{4}$
165383	2000	2091	$\frac{1}{51}$	$\frac{3}{41}$	$\frac{11}{41}$	$\frac{19}{41}$	$\Phi_{2091}\ \Phi_{697}\ \Phi_{123}$
165384	2000	1999	$\frac{43}{1999}$	$\frac{151}{1999}$	$\frac{489}{1999}$	$\frac{924}{1999}$	$\Phi_{1999}\ \Phi_{1}^{2}$
165385	2000	507	$\frac{7}{507}$	$\frac{1}{13}$	$\frac{1}{3}$	$\frac{6}{13}$	$\Phi_{507}^{4}\ \Phi_{169}^{4}\ \Phi_{39}^{3}\ \Phi_{13}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
165386	2000	1999	$\frac{54}{1999}$	$\frac{161}{1999}$	$\frac{389}{1999}$	$\frac{919}{1999}$	$\Phi_{1999}\ \Phi_{1}^{2}$
165387	2000	231	$\frac{1}{77}$	$\frac{19}{231}$	$\frac{1}{3}$	$\frac{106}{231}$	$\Phi_{231}^{9}\ \Phi_{77}^{8}\ \Phi_{33}^{9}\ \Phi_{21}^{9}\ \Phi_{11}^{8}\ \Phi_{7}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
165388	2000	2106	$\frac{1}{26}$	$\frac{7}{81}$	$\frac{11}{81}$	$\frac{37}{81}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{702}\ \Phi_{351}\ \Phi_{234}\ \Phi_{162}\ \Phi_{117}\ \Phi_{78}\ \Phi_{54}\ \Phi_{39}\ \Phi_{18}\ \Phi_{6}$
165389	2000	2121	$\frac{1}{21}$	$\frac{9}{101}$	$\frac{11}{101}$	$\frac{46}{101}$	$\Phi_{2121}\ \Phi_{707}\ \Phi_{303}$
165390	2000	1999	$\frac{109}{1999}$	$\frac{181}{1999}$	$\frac{189}{1999}$	$\frac{909}{1999}$	$\Phi_{1999}\ \Phi_{1}^{2}$
165391	2000	759	$\frac{3}{253}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{5}{11}$	$\Phi_{759}^{4}\ \Phi_{69}^{4}\ \Phi_{33}^{3}\ \Phi_{3}^{2}$
165392	2000	2211	$\frac{11}{201}$	$\frac{1}{11}$	$\frac{19}{201}$	$\frac{91}{201}$	$\Phi_{2211}\ \Phi_{737}\ \Phi_{33}$
165393	2000	1999	$\frac{89}{1999}$	$\frac{191}{1999}$	$\frac{219}{1999}$	$\frac{904}{1999}$	$\Phi_{1999}\ \Phi_{1}^{2}$
165394	2000	1999	$\frac{69}{1999}$	$\frac{193}{1999}$	$\frac{274}{1999}$	$\frac{903}{1999}$	$\Phi_{1999}\ \Phi_{1}^{2}$
165395	2000	2406	$\frac{11}{401}$	$\frac{39}{401}$	$\frac{1}{6}$	$\frac{181}{401}$	$\Phi_{2406}\ \Phi_{1203}\ \Phi_{802}$
165396	2000	2505	$\frac{11}{501}$	$\frac{49}{501}$	$\frac{1}{5}$	$\frac{226}{501}$	$\Phi_{2505}\ \Phi_{835}\ \Phi_{15}$
165397	2000	1999	$\frac{29}{1999}$	$\frac{197}{1999}$	$\frac{549}{1999}$	$\frac{901}{1999}$	$\Phi_{1999}\ \Phi_{1}^{2}$
165398	2000	273	$\frac{1}{91}$	$\frac{9}{91}$	$\frac{1}{3}$	$\frac{41}{91}$	$\Phi_{273}^{11}\ \Phi_{39}^{11}\ \Phi_{21}^{11}\ \Phi_{3}^{10}$
165399	2000	1999	$\frac{44}{1999}$	$\frac{201}{1999}$	$\frac{391}{1999}$	$\frac{899}{1999}$	$\Phi_{1999}\ \Phi_{1}^{2}$
165400	2000	909	$\frac{1}{101}$	$\frac{1}{9}$	$\frac{1}{3}$	$\frac{4}{9}$	$\Phi_{909}^{2}\ \Phi_{303}^{3}\ \Phi_{101}^{2}$
165401	2000	1791	$\frac{3}{199}$	$\frac{1}{9}$	$\frac{49}{199}$	$\frac{4}{9}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
165402	2000	765	$\frac{1}{51}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{4}{9}$	$\Phi_{765}^{3}\ \Phi_{255}^{4}\ \Phi_{85}^{4}\ \Phi_{45}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
165403	2000	1791	$\frac{4}{199}$	$\frac{1}{9}$	$\frac{39}{199}$	$\frac{4}{9}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
165404	2000	738	$\frac{1}{41}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{4}{9}$	$\Phi_{738}^{3}\ \Phi_{369}^{2}\ \Phi_{246}^{4}\ \Phi_{123}^{3}\ \Phi_{82}^{4}\ \Phi_{41}^{2}$
165405	2000	1791	$\frac{7}{199}$	$\frac{1}{9}$	$\frac{24}{199}$	$\frac{4}{9}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
165406	2000	234	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{234}^{9}\ \Phi_{117}^{9}\ \Phi_{78}^{9}\ \Phi_{39}^{9}\ \Phi_{26}^{8}\ \Phi_{18}^{9}\ \Phi_{13}^{8}\ \Phi_{6}^{9}\ \Phi_{2}^{8}$
165407	2000	1791	$\frac{9}{199}$	$\frac{19}{199}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{1791}\ \Phi_{597}\ \Phi_{199}^{2}\ \Phi_{9}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
165408	2000	693	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{4}{9}$	$\Phi_{693}^{3}\ \Phi_{231}^{4}\ \Phi_{99}^{2}\ \Phi_{77}^{4}\ \Phi_{33}^{3}\ \Phi_{11}^{2}$
165409	2000	3808	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{13}{112}$	$\frac{99}{224}$	$\Phi_{3808}\ \Phi_{544}\ \Phi_{238}\ \Phi_{119}\ \Phi_{34}$
165410	2000	1999	$\frac{71}{1999}$	$\frac{224}{1999}$	$\frac{241}{1999}$	$\frac{879}{1999}$	$\Phi_{1999}\ \Phi_{1}^{2}$
165411	2000	2406	$\frac{9}{401}$	$\frac{49}{401}$	$\frac{1}{6}$	$\frac{176}{401}$	$\Phi_{2406}\ \Phi_{1203}\ \Phi_{802}$
165412	2000	126	$\frac{1}{126}$	$\frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{7}$	$\Phi_{126}^{16}\ \Phi_{63}^{16}\ \Phi_{42}^{16}\ \Phi_{21}^{15}\ \Phi_{18}^{16}\ \Phi_{14}^{16}\ \Phi_{9}^{16}\ \Phi_{7}^{16}\ \Phi_{6}^{16}\ \Phi_{3}^{14}\ \Phi_{2}^{16}\ \Phi_{1}^{16}$
165413	2000	707	$\frac{1}{101}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$	$\Phi_{707}^{3}\ \Phi_{101}^{2}$
165414	2000	1162	$\frac{1}{83}$	$\frac{1}{7}$	$\frac{41}{166}$	$\frac{3}{7}$	$\Phi_{1162}^{2}\ \Phi_{581}\ \Phi_{166}^{4}\ \Phi_{83}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
165415	2000	1743	$\frac{4}{249}$	$\frac{1}{7}$	$\frac{49}{249}$	$\frac{3}{7}$	$\Phi_{1743}\ \Phi_{581}\ \Phi_{249}^{2}\ \Phi_{83}^{2}\ \Phi_{21}\ \Phi_{7}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
165416	2000	714	$\frac{1}{51}$	$\frac{1}{7}$	$\frac{1}{6}$	$\frac{3}{7}$	$\Phi_{714}^{3}\ \Phi_{357}^{2}\ \Phi_{238}^{3}\ \Phi_{119}^{2}\ \Phi_{102}^{6}\ \Phi_{51}^{4}\ \Phi_{42}^{2}\ \Phi_{34}^{6}\ \Phi_{21}\ \Phi_{17}^{4}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
165417	2000	581	$\frac{3}{83}$	$\frac{8}{83}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{581}^{3}\ \Phi_{83}^{6}\ \Phi_{7}^{4}\ \Phi_{1}^{8}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
165418	2000	2002	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{1}{7}$	$\frac{3}{7}$	$\Phi_{2002}\ \Phi_{1001}\ \Phi_{286}^2\ \Phi_{154}\ \Phi_{143}^2\ \Phi_{22}^2$
165419	2000	1999	$\frac{23}{1999}$	$\frac{301}{1999}$	$\frac{494}{1999}$	$\frac{849}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165420	2000	3672	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{17}{108}$	$\frac{91}{216}$	$\Phi_{3672}\ \Phi_{1224}\ \Phi_{408}\ \Phi_{306}\ \Phi_{153}\ \Phi_{136}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
165421	2000	1999	$\frac{29}{1999}$	$\frac{321}{1999}$	$\frac{394}{1999}$	$\frac{839}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165422	2000	429	$\frac{1}{143}$	$\frac{71}{429}$	$\frac{1}{3}$	$\frac{179}{429}$	$\Phi_{429}^5\ \Phi_{143}^4\ \Phi_{39}^5\ \Phi_{33}^5\ \Phi_{13}^4\ \Phi_{11}^4\ \Phi_3^4\ \Phi_1^4$
165423	2000	2244	$\frac{7}{132}$	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{5}{12}$	$\Phi_{2244}\ \Phi_{1122}\ \Phi_{748}\ \Phi_{561}\ \Phi_{374}\ \Phi_{187}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
165424	2000	2091	$\frac{1}{51}$	$\frac{6}{41}$	$\frac{7}{41}$	$\frac{17}{41}$	$\Phi_{2091}\ \Phi_{697}\ \Phi_{123}$
165425	2000	1999	$\frac{47}{1999}$	$\frac{244}{1999}$	$\frac{351}{1999}$	$\frac{824}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165426	2000	2142	$\frac{1}{126}$	$\frac{3}{17}$	$\frac{5}{17}$	$\frac{7}{17}$	$\Phi_{2142}\ \Phi_{1071}\ \Phi_{714}\ \Phi_{357}\ \Phi_{306}\ \Phi_{238}\ \Phi_{153}\ \Phi_{119}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
165427	2000	697	$\frac{1}{41}$	$\frac{2}{17}$	$\frac{3}{17}$	$\frac{7}{17}$	$\Phi_{697}^3\ \Phi_{41}^2$
165428	2000	1999	$\frac{59}{1999}$	$\frac{194}{1999}$	$\frac{361}{1999}$	$\frac{819}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165429	2000	702	$\frac{1}{26}$	$\frac{2}{27}$	$\frac{5}{27}$	$\frac{11}{27}$	$\Phi_{702}^3\ \Phi_{351}^3\ \Phi_{234}^3\ \Phi_{117}^3\ \Phi_{78}^3\ \Phi_{54}^3\ \Phi_{39}^3\ \Phi_{26}^2\ \Phi_{18}^3\ \Phi_{13}^2\ \Phi_6^3\ \Phi_2^2$
165430	2000	2121	$\frac{1}{21}$	$\frac{6}{101}$	$\frac{19}{101}$	$\frac{41}{101}$	$\Phi_{2121}\ \Phi_{707}\ \Phi_{303}$
165431	2000	714	$\frac{1}{21}$	$\frac{1}{17}$	$\frac{4}{21}$	$\frac{17}{42}$	$\Phi_{714}^5\ \Phi_{357}\ \Phi_{238}^5\ \Phi_{119}\ \Phi_{102}^5\ \Phi_{51}\ \Phi_{34}^5$
165432	2000	1999	$\frac{94}{1999}$	$\frac{119}{1999}$	$\frac{381}{1999}$	$\frac{809}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165433	2000	1999	$\frac{74}{1999}$	$\frac{149}{1999}$	$\frac{385}{1999}$	$\frac{807}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165434	2000	737	$\frac{2}{67}$	$\frac{1}{11}$	$\frac{13}{67}$	$\frac{27}{67}$	$\Phi_{737}^3\ \Phi_{11}^2$
165435	2000	2259	$\frac{6}{251}$	$\frac{1}{9}$	$\frac{49}{251}$	$\frac{101}{251}$	$\Phi_{2259}\ \Phi_{753}$
165436	2000	1999	$\frac{44}{1999}$	$\frac{239}{1999}$	$\frac{391}{1999}$	$\frac{804}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165437	2000	1999	$\frac{34}{1999}$	$\frac{299}{1999}$	$\frac{393}{1999}$	$\frac{803}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165438	2000	2406	$\frac{6}{401}$	$\frac{1}{6}$	$\frac{79}{401}$	$\frac{161}{401}$	$\Phi_{2406}\ \Phi_{1203}\ \Phi_{802}$
165439	2000	835	$\frac{2}{167}$	$\frac{33}{167}$	$\frac{1}{5}$	$\frac{67}{167}$	$\Phi_{835}^3\ \Phi_5^2$
165440	2000	1999	$\frac{14}{1999}$	$\frac{397}{1999}$	$\frac{599}{1999}$	$\frac{801}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165441	2000	3003	$\frac{6}{1001}$	$\frac{199}{1001}$	$\frac{1}{3}$	$\frac{401}{1001}$	$\Phi_{3003}\ \Phi_{429}\ \Phi_{273}\ \Phi_{231}\ \Phi_{39}\ \Phi_{33}\ \Phi_{21}$
165442	2000	1999	$\frac{24}{1999}$	$\frac{395}{1999}$	$\frac{401}{1999}$	$\frac{799}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165443	2000	2091	$\frac{1}{51}$	$\frac{5}{41}$	$\frac{9}{41}$	$\frac{16}{41}$	$\Phi_{2091}\ \Phi_{697}\ \Phi_{123}$
165444	2000	1999	$\frac{49}{1999}$	$\frac{195}{1999}$	$\frac{451}{1999}$	$\frac{774}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165445	2000	2106	$\frac{1}{26}$	$\frac{5}{81}$	$\frac{19}{81}$	$\frac{31}{81}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{702}\ \Phi_{351}\ \Phi_{234}\ \Phi_{162}\ \Phi_{117}\ \Phi_{78}\ \Phi_{54}\ \Phi_{39}\ \Phi_{18}\ \Phi_6$
165446	2000	1999	$\frac{75}{1999}$	$\frac{124}{1999}$	$\frac{481}{1999}$	$\frac{759}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165447	2000	2211	$\frac{5}{201}$	$\frac{1}{11}$	$\frac{49}{201}$	$\frac{76}{201}$	$\Phi_{2211}\ \Phi_{737}\ \Phi_{33}$
165448	2000	1999	$\frac{35}{1999}$	$\frac{249}{1999}$	$\frac{491}{1999}$	$\frac{754}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165449	2000	2406	$\frac{5}{401}$	$\frac{1}{6}$	$\frac{99}{401}$	$\frac{151}{401}$	$\Phi_{2406}\ \Phi_{1203}\ \Phi_{802}$
165450	2000	1999	$\frac{11}{1999}$	$\frac{497}{1999}$	$\frac{624}{1999}$	$\frac{751}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165451	2000	3003	$\frac{5}{1001}$	$\frac{249}{1001}$	$\frac{1}{3}$	$\frac{376}{1001}$	$\Phi_{3003}\ \Phi_{429}\ \Phi_{273}\ \Phi_{231}\ \Phi_{39}\ \Phi_{33}\ \Phi_{21}$
165452	2000	1608	$\frac{1}{201}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{8}$	$\Phi_{1608}^2\ \Phi_{536}^2\ \Phi_{201}^2\ \Phi_{67}^2\ \Phi_{24}\ \Phi_8^2\ \Phi_3\ \Phi_1^2$
165453	2000	1064	$\frac{1}{133}$	$\frac{33}{133}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1064}^3\ \Phi_{152}^3\ \Phi_{133}^3\ \Phi_{56}^3\ \Phi_{19}^3\ \Phi_8^4\ \Phi_7^3\ \Phi_1^4$
165454	2000	4040	$\frac{1}{101}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{4040}\ \Phi_{505}$
165455	2000	3192	$\frac{4}{399}$	$\frac{79}{399}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3192}\ \Phi_{1064}\ \Phi_{456}\ \Phi_{399}\ \Phi_{168}\ \Phi_{152}\ \Phi_{133}\ \Phi_{57}\ \Phi_{56}\ \Phi_{24}\ \Phi_{21}\ \Phi_{19}\ \Phi_8^2\ \Phi_7\ \Phi_3\ \Phi_1^2$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
165456	2000	648	$\frac{1}{81}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{648}^{5}\ \Phi_{216}^{5}\ \Phi_{162}^{3}\ \Phi_{81}^{2}\ \Phi_{72}^{5}\ \Phi_{54}^{3}\ \Phi_{27}^{2}\ \Phi_{24}^{3}\ \Phi_{18}^{3}\ \Phi_{9}^{2}\ \Phi_{8}^{4}\ \Phi_{6}^{2}\ \Phi_{3}\ \Phi_{2}^{2}\ \Phi_{1}^{2}$
165457	2000	1624	$\frac{3}{203}$	$\frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1624}^{2}\ \Phi_{232}^{2}\ \Phi_{203}^{2}\ \Phi_{56}\ \Phi_{29}^{2}\ \Phi_{8}^{2}\ \Phi_{7}\ \Phi_{1}^{2}$
165458	2000	456	$\frac{1}{57}$	$\frac{7}{57}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{456}^{7}\ \Phi_{152}^{7}\ \Phi_{57}^{7}\ \Phi_{24}^{7}\ \Phi_{19}^{7}\ \Phi_{8}^{8}\ \Phi_{3}^{7}\ \Phi_{1}^{8}$
165459	2000	1224	$\frac{1}{51}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1224}^{3}\ \Phi_{408}^{2}\ \Phi_{153}^{3}\ \Phi_{136}^{2}\ \Phi_{72}^{2}\ \Phi_{51}^{2}\ \Phi_{24}\ \Phi_{17}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
165460	2000	1064	$\frac{3}{133}$	$\frac{13}{133}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1064}^{3}\ \Phi_{152}^{3}\ \Phi_{133}^{3}\ \Phi_{56}^{3}\ \Phi_{19}^{3}\ \Phi_{8}^{4}\ \Phi_{7}^{3}\ \Phi_{1}^{4}$
165461	2000	3608	$\frac{1}{41}$	$\frac{1}{11}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{3608}\ \Phi_{451}$
165462	2000	1064	$\frac{5}{133}$	$\frac{8}{133}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1064}^{3}\ \Phi_{152}^{3}\ \Phi_{133}^{3}\ \Phi_{56}^{3}\ \Phi_{19}^{3}\ \Phi_{8}^{4}\ \Phi_{7}^{3}\ \Phi_{1}^{4}$
165463	2000	1768	$\frac{1}{26}$	$\frac{1}{17}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1768}^{2}\ \Phi_{442}\ \Phi_{221}\ \Phi_{136}\ \Phi_{34}$
165464	2000	1672	$\frac{9}{209}$	$\frac{1}{19}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{1672}^{2}\ \Phi_{209}^{2}\ \Phi_{152}\ \Phi_{88}^{2}\ \Phi_{19}\ \Phi_{11}^{2}\ \Phi_{8}^{2}\ \Phi_{1}^{2}$
165465	2000	168	$\frac{1}{21}$	$\frac{1}{21}$	$\frac{1}{4}$	$\frac{3}{8}$	$\Phi_{168}^{19}\ \Phi_{56}^{19}\ \Phi_{24}^{19}\ \Phi_{21}^{19}\ \Phi_{8}^{20}\ \Phi_{7}^{19}\ \Phi_{3}^{19}\ \Phi_{1}^{20}$
165466	2000	753	$\frac{1}{251}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{753}^{3}\ \Phi_{251}^{2}$
165467	2000	1497	$\frac{3}{499}$	$\frac{124}{499}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1497}\ \Phi_{499}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
165468	2000	630	$\frac{1}{126}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{630}^{4}\ \Phi_{315}^{4}\ \Phi_{210}^{4}\ \Phi_{105}^{4}\ \Phi_{90}^{4}\ \Phi_{70}^{4}\ \Phi_{45}^{4}\ \Phi_{35}^{4}\ \Phi_{30}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{2}$
165469	2000	1497	$\frac{4}{499}$	$\frac{99}{499}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1497}\ \Phi_{499}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
165470	2000	606	$\frac{1}{101}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{606}^{4}\ \Phi_{303}^{3}\ \Phi_{202}^{4}\ \Phi_{101}^{2}$
165471	2000	1497	$\frac{9}{499}$	$\frac{49}{499}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1497}\ \Phi_{499}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
165472	2000	561	$\frac{1}{51}$	$\frac{1}{11}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{561}^{4}\ \Phi_{187}^{4}\ \Phi_{33}^{3}\ \Phi_{11}^{2}$
165473	2000	1107	$\frac{1}{41}$	$\frac{2}{27}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1107}^{2}\ \Phi_{369}^{2}\ \Phi_{123}$
165474	2000	1497	$\frac{19}{499}$	$\frac{24}{499}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{1497}\ \Phi_{499}^{2}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
165475	2000	546	$\frac{1}{26}$	$\frac{1}{21}$	$\frac{1}{3}$	$\frac{1}{3}$	$\Phi_{546}^{4}\ \Phi_{273}^{4}\ \Phi_{182}^{4}\ \Phi_{91}^{4}\ \Phi_{78}^{3}\ \Phi_{42}^{4}\ \Phi_{39}^{3}\ \Phi_{26}^{2}\ \Phi_{14}^{4}\ \Phi_{13}^{2}\ \Phi_{6}^{3}\ \Phi_{2}^{2}$
165476	2000	1287	$\frac{1}{143}$	$\frac{287}{1287}$	$\frac{142}{429}$	$\frac{1}{3}$	$\Phi_{1287}^{2}\ \Phi_{429}\ \Phi_{117}^{2}\ \Phi_{99}^{2}\ \Phi_{39}\ \Phi_{33}\ \Phi_{9}^{2}$
165477	2000	3735	$\frac{2}{249}$	$\frac{1}{5}$	$\frac{247}{747}$	$\frac{1}{3}$	$\Phi_{3735}\ \Phi_{45}\ \Phi_{15}$
165478	2000	1491	$\frac{6}{497}$	$\frac{1}{7}$	$\frac{491}{1491}$	$\frac{1}{3}$	$\Phi_{1491}\ \Phi_{497}^{2}\ \Phi_{213}\ \Phi_{71}^{2}\ \Phi_{21}^{2}\ \Phi_{7}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
165479	2000	231	$\frac{1}{77}$	$\frac{31}{231}$	$\frac{76}{231}$	$\frac{1}{3}$	$\Phi_{231}^{9}\ \Phi_{77}^{8}\ \Phi_{33}^{9}\ \Phi_{21}^{9}\ \Phi_{11}^{8}\ \Phi_{7}^{8}\ \Phi_{3}^{8}\ \Phi_{1}^{8}$
165480	2000	558	$\frac{1}{62}$	$\frac{1}{9}$	$\frac{61}{186}$	$\frac{1}{3}$	$\Phi_{558}^{4}\ \Phi_{279}^{4}\ \Phi_{186}^{3}\ \Phi_{93}^{3}\ \Phi_{62}^{2}\ \Phi_{31}^{2}\ \Phi_{18}^{4}\ \Phi_{9}^{6}\ \Phi_{6}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
165481	2000	297	$\frac{2}{99}$	$\frac{1}{11}$	$\frac{97}{297}$	$\frac{1}{3}$	$\Phi_{297}^{10}\ \Phi_{33}\ \Phi_{27}^{10}$
165482	2000	741	$\frac{6}{247}$	$\frac{1}{13}$	$\frac{241}{741}$	$\frac{1}{3}$	$\Phi_{741}^{2}\ \Phi_{247}^{4}\ \Phi_{57}^{2}\ \Phi_{39}^{3}\ \Phi_{19}^{4}\ \Phi_{13}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
165483	2000	234	$\frac{1}{26}$	$\frac{2}{39}$	$\frac{37}{117}$	$\frac{1}{3}$	$\Phi_{234}^{13}\ \Phi_{117}^{12}\ \Phi_{78}\ \Phi_{39}\ \Phi_{18}^{13}\ \Phi_{9}^{12}\ \Phi_{6}$
165484	2000	1476	$\frac{1}{41}$	$\frac{1}{12}$	$\frac{11}{36}$	$\frac{1}{3}$	$\Phi_{1476}^{2}\ \Phi_{738}^{2}\ \Phi_{369}^{2}\ \Phi_{123}$
165485	2000	1023	$\frac{23}{1023}$	$\frac{1}{11}$	$\frac{10}{33}$	$\frac{1}{3}$	$\Phi_{1023}^{2}\ \Phi_{341}^{2}\ \Phi_{93}^{2}\ \Phi_{33}\ \Phi_{31}^{2}$
165486	2000	429	$\frac{3}{143}$	$\frac{14}{143}$	$\frac{43}{143}$	$\frac{1}{3}$	$\Phi_{429}^{7}\ \Phi_{39}^{7}\ \Phi_{33}^{7}\ \Phi_{3}^{6}$
165487	2000	609	$\frac{3}{203}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{1}{3}$	$\Phi_{609}^{5}\ \Phi_{87}^{5}\ \Phi_{21}^{3}\ \Phi_{3}^{2}$
165488	2000	693	$\frac{1}{77}$	$\frac{38}{231}$	$\frac{193}{693}$	$\frac{1}{3}$	$\Phi_{693}^{4}\ \Phi_{231}\ \Phi_{99}^{4}\ \Phi_{63}^{4}\ \Phi_{33}\ \Phi_{21}\ \Phi_{9}^{4}$
165489	2000	273	$\frac{1}{91}$	$\frac{18}{91}$	$\frac{73}{273}$	$\frac{1}{3}$	$\Phi_{273}^{6}\ \Phi_{91}^{10}\ \Phi_{39}^{6}\ \Phi_{21}^{6}\ \Phi_{13}^{10}\ \Phi_{7}^{10}\ \Phi_{3}^{5}\ \Phi_{1}^{10}$
165490	2000	2727	$\frac{1}{101}$	$\frac{2}{9}$	$\frac{7}{27}$	$\frac{1}{3}$	$\Phi_{2727}\ \Phi_{303}$
165491	2000	1152	$\frac{3}{128}$	$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{1152}^{2}\ \Phi_{576}^{2}\ \Phi_{384}\ \Phi_{288}^{2}\ \Phi_{192}\ \Phi_{144}^{2}\ \Phi_{128}^{2}\ \Phi_{96}\ \Phi_{72}^{2}\ \Phi_{64}^{2}\ \Phi_{48}\ \Phi_{32}^{2}\ \Phi_{24}\ \Phi_{16}^{2}\ \Phi_{9}^{2}\ \Phi_{8}^{2}\ \Phi_{3}\ \Phi_{1}^{2}$
165492	2000	3444	$\frac{1}{41}$	$\frac{3}{28}$	$\frac{1}{4}$	$\frac{1}{3}$	$\Phi_{3444}\ \Phi_{1722}\ \Phi_{861}\ \Phi_{123}$
165493	2000	2490	$\frac{1}{83}$	$\frac{1}{5}$	$\frac{41}{166}$	$\frac{1}{3}$	$\Phi_{2490}^{2}\ \Phi_{1245}\ \Phi_{30}^{2}\ \Phi_{15}^{2}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
165494	2000	462	$\frac{1}{77}$	$\frac{29}{154}$	$\frac{19}{77}$	$\frac{1}{3}$	$\Phi_{462}^{8}\ \Phi_{231}^{5}\ \Phi_{66}^{8}\ \Phi_{42}^{8}\ \Phi_{33}^{5}\ \Phi_{21}^{5}\ \Phi_{6}^{8}\ \Phi_{3}^{4}$
165495	2000	1194	$\frac{3}{199}$	$\frac{1}{6}$	$\frac{49}{199}$	$\frac{1}{3}$	$\Phi_{1194}^{2}\ \Phi_{597}\ \Phi_{398}^{2}\ \Phi_{199}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
165496	2000	3003	$\frac{17}{1001}$	$\frac{151}{1001}$	$\frac{246}{1001}$	$\frac{1}{3}$	$\Phi_{3003}\ \Phi_{429}\ \Phi_{273}\ \Phi_{231}\ \Phi_{39}\ \Phi_{33}\ \Phi_{21}$
165497	2000	33	$\frac{1}{33}$	$\frac{1}{11}$	$\frac{8}{33}$	$\frac{1}{3}$	$\Phi_{33}^{61}\ \Phi_{11}^{60}\ \Phi_{3}^{60}\ \Phi_{1}^{60}$
165498	2000	273	$\frac{3}{91}$	$\frac{23}{273}$	$\frac{22}{91}$	$\frac{1}{3}$	$\Phi_{273}^{7}\ \Phi_{91}^{8}\ \Phi_{39}^{7}\ \Phi_{21}^{7}\ \Phi_{13}^{8}\ \Phi_{7}^{8}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
165499	2000	3003	$\frac{37}{1001}$	$\frac{76}{1001}$	$\frac{241}{1001}$	$\frac{1}{3}$	$\Phi_{3003}\ \Phi_{429}\ \Phi_{273}\ \Phi_{231}\ \Phi_{39}\ \Phi_{33}\ \Phi_{21}$
165500	2000	2133	$\frac{3}{79}$	$\frac{2}{27}$	$\frac{19}{79}$	$\frac{1}{3}$	$\Phi_{2133}\ \Phi_{711}\ \Phi_{79}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
165501	2000	78	$\frac{1}{26}$	$\frac{1}{13}$	$\frac{3}{13}$	$\frac{1}{3}$	$\Phi_{78}^{40}\ \Phi_{39}^{37}\ \Phi_{6}^{40}\ \Phi_{3}^{36}$
165502	2000	3003	$\frac{31}{1001}$	$\frac{97}{1001}$	$\frac{226}{1001}$	$\frac{1}{3}$	$\Phi_{3003}\ \Phi_{429}\ \Phi_{273}\ \Phi_{231}\ \Phi_{39}\ \Phi_{33}\ \Phi_{21}$
165503	2000	2277	$\frac{7}{207}$	$\frac{1}{11}$	$\frac{2}{9}$	$\frac{1}{3}$	$\Phi_{2277}\ \Phi_{759}\ \Phi_{253}\ \Phi_{33}$
165504	2000	3936	$\frac{1}{41}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{3}$	$\Phi_{3936}\ \Phi_{1968}\ \Phi_{123}$
165505	2000	969	$\frac{1}{51}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{1}{3}$	$\Phi_{969}^{2}\ \Phi_{323}^{2}\ \Phi_{57}\ \Phi_{51}^{4}\ \Phi_{19}^{2}\ \Phi_{17}^{4}\ \Phi_{3}^{2}\ \Phi_{1}^{4}$
165506	2000	3003	$\frac{16}{1001}$	$\frac{197}{1001}$	$\frac{201}{1001}$	$\frac{1}{3}$	$\Phi_{3003}\ \Phi_{429}\ \Phi_{273}\ \Phi_{231}\ \Phi_{39}\ \Phi_{33}\ \Phi_{21}$
165507	2000	1245	$\frac{4}{249}$	$\frac{49}{249}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1245}^{2}\ \Phi_{415}^{2}\ \Phi_{15}^{3}\ \Phi_{5}^{2}$
165508	2000	510	$\frac{1}{51}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{510}^{6}\ \Phi_{255}^{4}\ \Phi_{170}^{6}\ \Phi_{85}^{4}\ \Phi_{30}^{4}\ \Phi_{15}^{3}\ \Phi_{10}^{4}\ \Phi_{5}^{2}$
165509	2000	1245	$\frac{3}{83}$	$\frac{8}{83}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{1245}^{3}\ \Phi_{15}^{4}$
165510	2000	4290	$\frac{1}{26}$	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{4290}\ \Phi_{2145}\ \Phi_{330}$
165511	2000	945	$\frac{1}{21}$	$\frac{2}{27}$	$\frac{1}{5}$	$\frac{1}{3}$	$\Phi_{945}^{3}\ \Phi_{315}^{3}\ \Phi_{135}^{2}\ \Phi_{105}\ \Phi_{45}^{2}\ \Phi_{35}\ \Phi_{15}$
165512	2000	1194	$\frac{4}{199}$	$\frac{1}{6}$	$\frac{39}{199}$	$\frac{1}{3}$	$\Phi_{1194}^{2}\ \Phi_{597}\ \Phi_{398}^{2}\ \Phi_{199}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
165513	2000	429	$\frac{3}{143}$	$\frac{23}{143}$	$\frac{28}{143}$	$\frac{1}{3}$	$\Phi_{429}^{7}\ \Phi_{39}^{7}\ \Phi_{33}^{7}\ \Phi_{3}^{6}$
165514	2000	231	$\frac{2}{77}$	$\frac{31}{231}$	$\frac{15}{77}$	$\frac{1}{3}$	$\Phi_{231}^{8}\ \Phi_{77}^{10}\ \Phi_{33}^{8}\ \Phi_{21}^{8}\ \Phi_{11}^{10}\ \Phi_{7}^{10}\ \Phi_{3}^{7}\ \Phi_{1}^{10}$
165515	2000	279	$\frac{1}{31}$	$\frac{1}{9}$	$\frac{6}{31}$	$\frac{1}{3}$	$\Phi_{279}^{8}\ \Phi_{93}^{4}\ \Phi_{31}^{8}\ \Phi_{9}^{10}\ \Phi_{3}^{5}\ \Phi_{1}^{10}$
165516	2000	3003	$\frac{36}{1001}$	$\frac{101}{1001}$	$\frac{193}{1001}$	$\frac{1}{3}$	$\Phi_{3003}\ \Phi_{429}\ \Phi_{273}\ \Phi_{231}\ \Phi_{39}\ \Phi_{33}\ \Phi_{21}$
165517	2000	99	$\frac{4}{99}$	$\frac{1}{11}$	$\frac{19}{99}$	$\frac{1}{3}$	$\Phi_{99}^{20}\ \Phi_{33}^{21}\ \Phi_{11}^{20}\ \Phi_{9}^{20}\ \Phi_{3}^{20}\ \Phi_{1}^{20}$
165518	2000	3003	$\frac{46}{1001}$	$\frac{81}{1001}$	$\frac{191}{1001}$	$\frac{1}{3}$	$\Phi_{3003}\ \Phi_{429}\ \Phi_{273}\ \Phi_{231}\ \Phi_{39}\ \Phi_{33}\ \Phi_{21}$
165519	2000	741	$\frac{12}{247}$	$\frac{1}{13}$	$\frac{47}{247}$	$\frac{1}{3}$	$\Phi_{741}^{4}\ \Phi_{57}^{4}\ \Phi_{39}^{5}\ \Phi_{3}^{4}$
165520	2000	2133	$\frac{4}{79}$	$\frac{2}{27}$	$\frac{15}{79}$	$\frac{1}{3}$	$\Phi_{2133}\ \Phi_{711}\ \Phi_{79}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
165521	2000	147	$\frac{1}{21}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{1}{3}$	$\Phi_{147}^{13}\ \Phi_{49}^{14}\ \Phi_{21}^{15}\ \Phi_{7}^{16}\ \Phi_{3}^{14}\ \Phi_{1}^{16}$
165522	2000	627	$\frac{9}{209}$	$\frac{1}{11}$	$\frac{2}{11}$	$\frac{1}{3}$	$\Phi_{627}^{5}\ \Phi_{57}^{5}\ \Phi_{33}$
165523	2000	3003	$\frac{41}{1001}$	$\frac{96}{1001}$	$\frac{181}{1001}$	$\frac{1}{3}$	$\Phi_{3003}\ \Phi_{429}\ \Phi_{273}\ \Phi_{231}\ \Phi_{39}\ \Phi_{33}\ \Phi_{21}$
165524	2000	78	$\frac{1}{26}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{1}{3}$	$\Phi_{78}^{27}\ \Phi_{39}^{25}\ \Phi_{26}^{26}\ \Phi_{13}^{24}\ \Phi_{6}^{27}\ \Phi_{3}^{24}\ \Phi_{2}^{26}\ \Phi_{1}^{24}$
165525	2000	273	$\frac{3}{91}$	$\frac{11}{91}$	$\frac{16}{91}$	$\frac{1}{3}$	$\Phi_{273}^{11}\ \Phi_{39}^{11}\ \Phi_{21}^{11}\ \Phi_{3}^{10}$
165526	2000	246	$\frac{1}{41}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{246}^{8}\ \Phi_{123}^{9}\ \Phi_{82}^{8}\ \Phi_{41}^{8}$
165527	2000	1194	$\frac{7}{199}$	$\frac{24}{199}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1194}^{2}\ \Phi_{597}\ \Phi_{398}^{2}\ \Phi_{199}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
165528	2000	234	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{234}^{10}\ \Phi_{117}^{10}\ \Phi_{78}^{7}\ \Phi_{39}^{7}\ \Phi_{26}^{6}\ \Phi_{18}^{4}\ \Phi_{13}^{6}\ \Phi_{9}^{6}\ \Phi_{6}^{3}\ \Phi_{3}^{4}\ \Phi_{2}^{2}\ \Phi_{1}^{4}$
165529	2000	1194	$\frac{9}{199}$	$\frac{19}{199}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{1194}^{2}\ \Phi_{597}\ \Phi_{398}^{2}\ \Phi_{199}^{2}\ \Phi_{6}^{4}\ \Phi_{3}^{2}\ \Phi_{2}^{4}\ \Phi_{1}^{4}$
165530	2000	462	$\frac{1}{21}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{462}^{6}\ \Phi_{231}^{4}\ \Phi_{154}^{6}\ \Phi_{77}^{4}\ \Phi_{66}^{4}\ \Phi_{33}^{3}\ \Phi_{22}^{4}\ \Phi_{11}^{2}$
165531	2000	918	$\frac{1}{17}$	$\frac{2}{27}$	$\frac{1}{6}$	$\frac{1}{3}$	$\Phi_{918}^{3}\ \Phi_{459}^{2}\ \Phi_{306}^{3}\ \Phi_{153}^{2}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
165532	2000	297	$\frac{5}{99}$	$\frac{1}{11}$	$\frac{47}{297}$	$\frac{1}{3}$	$\Phi_{297}^{8}\ \Phi_{99}^{4}\ \Phi_{33}^{5}\ \Phi_{27}^{8}\ \Phi_{11}^{4}\ \Phi_{9}^{4}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
165533	2000	132	$\frac{7}{132}$	$\frac{1}{11}$	$\frac{5}{33}$	$\frac{1}{3}$	$\Phi_{132}^{16}\ \Phi_{66}^{16}\ \Phi_{44}^{16}\ \Phi_{33}^{13}\ \Phi_{22}^{16}\ \Phi_{12}^{16}\ \Phi_{11}^{12}\ \Phi_{6}^{16}\ \Phi_{4}^{16}\ \Phi_{3}^{12}\ \Phi_{2}^{16}\ \Phi_{1}^{12}$
165534	2000	84	$\frac{1}{21}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{3}$	$\Phi_{84}^{26}\ \Phi_{42}^{26}\ \Phi_{28}^{28}\ \Phi_{21}^{15}\ \Phi_{14}^{28}\ \Phi_{12}^{26}\ \Phi_{7}^{16}\ \Phi_{6}^{26}\ \Phi_{4}^{28}\ \Phi_{3}^{14}\ \Phi_{2}^{28}\ \Phi_{1}^{16}$
165535	2000	231	$\frac{2}{33}$	$\frac{1}{11}$	$\frac{31}{231}$	$\frac{1}{3}$	$\Phi_{231}^{10}\ \Phi_{77}^{10}\ \Phi_{33}\ \Phi_{21}^{10}\ \Phi_{7}^{10}$
165536	2000	429	$\frac{7}{143}$	$\frac{17}{143}$	$\frac{18}{143}$	$\frac{1}{3}$	$\Phi_{429}^{7}\ \Phi_{39}^{7}\ \Phi_{33}^{7}\ \Phi_{3}^{6}$
165537	2000	2133	$\frac{2}{27}$	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{1}{3}$	$\Phi_{2133}\ \Phi_{711}\ \Phi_{79}\ \Phi_{27}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
165538	2000	297	$\frac{2}{27}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{3}$	$\Phi_{297}^{8}\ \Phi_{99}^{6}\ \Phi_{33}^{7}\ \Phi_{11}^{6}$
165539	2000	1089	$\frac{89}{1089}$	$\frac{1}{11}$	$\frac{10}{99}$	$\frac{1}{3}$	$\Phi_{1089}^{2}\ \Phi_{363}^{2}\ \Phi_{121}^{2}\ \Phi_{33}$
165540	2000	33	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{3}$	$\Phi_{33}^{91}\ \Phi_{3}^{90}$
165541	2000	930	$\frac{1}{62}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{61}{186}$	$\Phi_{930}^{3}\ \Phi_{465}^{3}\ \Phi_{186}^{4}\ \Phi_{93}^{4}\ \Phi_{30}^{3}\ \Phi_{15}^{3}\ \Phi_{6}^{4}\ \Phi_{5}^{3}\ \Phi_{3}^{4}\ \Phi_{1}^{4}$
165542	2000	2754	$\frac{1}{18}$	$\frac{1}{17}$	$\frac{37}{162}$	$\frac{17}{54}$	$\Phi_{2754}\ \Phi_{1377}\ \Phi_{306}\ \Phi_{153}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
165543	2000	2844	$\frac{3}{79}$	$\frac{1}{12}$	$\frac{19}{79}$	$\frac{11}{36}$	$\Phi_{2844}\ \Phi_{1422}\ \Phi_{711}\ \Phi_{79}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
165544	2000	1260	$\frac{1}{21}$	$\frac{1}{12}$	$\frac{1}{5}$	$\frac{11}{36}$	$\Phi_{1260}^{3}\ \Phi_{630}^{3}\ \Phi_{315}^{3}\ \Phi_{180}^{2}\ \Phi_{105}\ \Phi_{90}^{2}\ \Phi_{45}^{2}\ \Phi_{35}\ \Phi_{15}$
165545	2000	2844	$\frac{4}{79}$	$\frac{1}{12}$	$\frac{15}{79}$	$\frac{11}{36}$	$\Phi_{2844}\ \Phi_{1422}\ \Phi_{711}\ \Phi_{79}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
165546	2000	612	$\frac{1}{17}$	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{36}$	$\Phi_{612}^{5}\ \Phi_{306}^{5}\ \Phi_{153}^{5}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
165547	2000	2844	$\frac{1}{12}$	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{11}{36}$	$\Phi_{2844}\ \Phi_{1422}\ \Phi_{711}\ \Phi_{79}\ \Phi_{36}^{2}\ \Phi_{18}^{2}\ \Phi_{9}^{2}\ \Phi_{1}^{2}$
165548	2000	396	$\frac{1}{12}$	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{11}{36}$	$\Phi_{396}^{5}\ \Phi_{198}^{5}\ \Phi_{132}^{6}\ \Phi_{99}^{6}\ \Phi_{66}^{6}\ \Phi_{44}^{6}\ \Phi_{33}^{7}\ \Phi_{22}^{6}\ \Phi_{11}^{6}$
165549	2000	476	$\frac{1}{17}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{2}{7}$	$\Phi_{476}^{5}\ \Phi_{238}^{5}\ \Phi_{119}^{3}\ \Phi_{68}^{5}\ \Phi_{34}^{5}\ \Phi_{17}^{2}$
165550	2000	702	$\frac{1}{26}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{7}{27}$	$\Phi_{702}^{4}\ \Phi_{351}^{4}\ \Phi_{234}\ \Phi_{117}\ \Phi_{78}\ \Phi_{54}^{4}\ \Phi_{39}\ \Phi_{18}\ \Phi_{6}$
165551	2000	2856	$\frac{1}{17}$	$\frac{1}{14}$	$\frac{13}{56}$	$\frac{43}{168}$	$\Phi_{2856}\ \Phi_{1428}\ \Phi_{714}\ \Phi_{408}\ \Phi_{357}\ \Phi_{238}\ \Phi_{204}\ \Phi_{119}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
165552	2000	737	$\frac{3}{67}$	$\frac{1}{11}$	$\frac{16}{67}$	$\frac{17}{67}$	$\Phi_{737}^{3}\ \Phi_{11}^{2}$
165553	2000	2212	$\frac{3}{79}$	$\frac{3}{28}$	$\frac{19}{79}$	$\frac{1}{4}$	$\Phi_{2212}\ \Phi_{1106}\ \Phi_{553}\ \Phi_{79}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
165554	2000	640	$\frac{3}{128}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{640}^{3}\ \Phi_{320}^{3}\ \Phi_{160}^{3}\ \Phi_{128}^{4}\ \Phi_{80}^{3}\ \Phi_{64}^{4}\ \Phi_{40}^{3}\ \Phi_{32}^{4}\ \Phi_{16}^{4}\ \Phi_{8}^{4}\ \Phi_{5}^{3}\ \Phi_{1}^{4}$
165555	2000	420	$\frac{1}{21}$	$\frac{3}{28}$	$\frac{1}{5}$	$\frac{1}{4}$	$\Phi_{420}^{6}\ \Phi_{210}^{6}\ \Phi_{140}^{5}\ \Phi_{105}^{7}\ \Phi_{70}^{5}\ \Phi_{60}^{6}\ \Phi_{35}^{6}\ \Phi_{30}^{6}\ \Phi_{20}^{6}\ \Phi_{15}^{7}\ \Phi_{10}^{6}\ \Phi_{5}^{6}$
165556	2000	2212	$\frac{4}{79}$	$\frac{3}{28}$	$\frac{15}{79}$	$\frac{1}{4}$	$\Phi_{2212}\ \Phi_{1106}\ \Phi_{553}\ \Phi_{79}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
165557	2000	1428	$\frac{1}{17}$	$\frac{3}{28}$	$\frac{1}{6}$	$\frac{1}{4}$	$\Phi_{1428}^{2}\ \Phi_{714}^{2}\ \Phi_{476}\ \Phi_{357}^{2}\ \Phi_{238}\ \Phi_{119}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
165558	2000	2212	$\frac{7}{79}$	$\frac{3}{28}$	$\frac{9}{79}$	$\frac{1}{4}$	$\Phi_{2212}\ \Phi_{1106}\ \Phi_{553}\ \Phi_{79}\ \Phi_{28}^{2}\ \Phi_{14}^{2}\ \Phi_{7}^{2}\ \Phi_{1}^{2}$
165559	2000	2772	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{1}{4}$	$\Phi_{2772}\ \Phi_{1386}\ \Phi_{924}\ \Phi_{693}\ \Phi_{462}\ \Phi_{231}\ \Phi_{99}\ \Phi_{33}$
165560	2000	627	$\frac{1}{33}$	$\frac{3}{19}$	$\frac{4}{19}$	$\frac{8}{33}$	$\Phi_{627}^{3}\ \Phi_{209}^{3}\ \Phi_{57}^{3}\ \Phi_{33}^{6}\ \Phi_{19}^{4}\ \Phi_{11}^{6}\ \Phi_{3}^{6}\ \Phi_{1}^{8}$
165561	2000	330	$\frac{1}{33}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{8}{33}$	$\Phi_{330}^{9}\ \Phi_{165}^{6}\ \Phi_{110}^{9}\ \Phi_{55}^{6}\ \Phi_{30}^{10}\ \Phi_{15}^{7}\ \Phi_{10}^{10}\ \Phi_{5}^{6}$
165562	2000	1999	$\frac{63}{1999}$	$\frac{303}{1999}$	$\frac{424}{1999}$	$\frac{484}{1999}$	$\Phi_{1999}\ \Phi_{1}^{2}$
165563	2000	2406	$\frac{13}{401}$	$\frac{1}{6}$	$\frac{76}{401}$	$\frac{97}{401}$	$\Phi_{2406}\ \Phi_{1203}\ \Phi_{802}$
165564	2000	1999	$\frac{67}{1999}$	$\frac{324}{1999}$	$\frac{379}{1999}$	$\frac{483}{1999}$	$\Phi_{1999}\ \Phi_{1}^{2}$
165565	2000	2505	$\frac{17}{501}$	$\frac{76}{501}$	$\frac{1}{5}$	$\frac{121}{501}$	$\Phi_{2505}\ \Phi_{835}\ \Phi_{15}$
165566	2000	2528	$\frac{3}{79}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{19}{79}$	$\Phi_{2528}\ \Phi_{1264}\ \Phi_{79}\ \Phi_{32}^{2}\ \Phi_{16}^{2}\ \Phi_{1}^{2}$
165567	2000	474	$\frac{3}{79}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{19}{79}$	$\Phi_{474}^{4}\ \Phi_{237}^{4}\ \Phi_{158}^{4}\ \Phi_{79}^{5}\ \Phi_{6}^{8}\ \Phi_{3}^{8}\ \Phi_{2}^{8}\ \Phi_{1}^{10}$
165568	2000	1999	$\frac{83}{1999}$	$\frac{304}{1999}$	$\frac{339}{1999}$	$\frac{479}{1999}$	$\Phi_{1999}\ \Phi_{1}^{2}$
165569	2000	2406	$\frac{17}{401}$	$\frac{61}{401}$	$\frac{1}{6}$	$\frac{96}{401}$	$\Phi_{2406}\ \Phi_{1203}\ \Phi_{802}$
165570	2000	637	$\frac{1}{13}$	$\frac{4}{49}$	$\frac{9}{49}$	$\frac{3}{13}$	$\Phi_{637}^{3}\ \Phi_{91}^{3}\ \Phi_{49}^{4}\ \Phi_{13}^{6}\ \Phi_{7}^{4}\ \Phi_{1}^{8}$
165571	2000	858	$\frac{1}{13}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{3}{13}$	$\Phi_{858}^{3}\ \Phi_{429}^{3}\ \Phi_{286}^{3}\ \Phi_{66}^{4}\ \Phi_{33}^{4}\ \Phi_{22}^{4}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
165572	2000	364	$\frac{1}{13}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{3}{13}$	$\Phi_{364}^6\ \Phi_{182}^6\ \Phi_{91}^3\ \Phi_{52}^6\ \Phi_{28}^8\ \Phi_{26}^6\ \Phi_{14}^8\ \Phi_{13}^6\ \Phi_7^4\ \Phi_4^8\ \Phi_2^8\ \Phi_1^8$
165573	2000	1999	$\frac{154}{1999}$	$\frac{163}{1999}$	$\frac{369}{1999}$	$\frac{459}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165574	2000	2211	$\frac{17}{201}$	$\frac{1}{11}$	$\frac{31}{201}$	$\frac{46}{201}$	$\Phi_{2211}\ \Phi_{737}\ \Phi_{33}$
165575	2000	1999	$\frac{169}{1999}$	$\frac{183}{1999}$	$\frac{309}{1999}$	$\frac{454}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165576	2000	2406	$\frac{31}{401}$	$\frac{37}{401}$	$\frac{1}{6}$	$\frac{91}{401}$	$\Phi_{2406}\ \Phi_{1203}\ \Phi_{802}$
165577	2000	3360	$\frac{1}{21}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{7}{32}$	$\Phi_{3360}\ \Phi_{1680}\ \Phi_{1120}\ \Phi_{560}\ \Phi_{480}\ \Phi_{240}\ \Phi_{105}\ \Phi_{35}\ \Phi_{15}$
165578	2000	2528	$\frac{4}{79}$	$\frac{1}{8}$	$\frac{15}{79}$	$\frac{7}{32}$	$\Phi_{2528}\ \Phi_{1264}\ \Phi_{79}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_1^2$
165579	2000	1632	$\frac{1}{17}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{7}{32}$	$\Phi_{1632}^2\ \Phi_{816}^2\ \Phi_{544}\ \Phi_{272}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
165580	2000	2528	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{1}{8}$	$\frac{7}{32}$	$\Phi_{2528}\ \Phi_{1264}\ \Phi_{79}\ \Phi_{32}^2\ \Phi_{16}^2\ \Phi_1^2$
165581	2000	3168	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{8}$	$\frac{7}{32}$	$\Phi_{3168}\ \Phi_{1584}\ \Phi_{1056}\ \Phi_{528}\ \Phi_{99}\ \Phi_{33}$
165582	2000	2470	$\frac{1}{26}$	$\frac{3}{19}$	$\frac{1}{5}$	$\frac{4}{19}$	$\Phi_{2470}\ \Phi_{1235}\ \Phi_{190}\ \Phi_{130}^2\ \Phi_{65}^2\ \Phi_{10}^2$
165583	2000	1881	$\frac{4}{99}$	$\frac{3}{19}$	$\frac{19}{99}$	$\frac{4}{19}$	$\Phi_{1881}\ \Phi_{627}\ \Phi_{209}\ \Phi_{171}\ \Phi_{99}^2\ \Phi_{57}\ \Phi_{33}^2\ \Phi_{19}^2\ \Phi_{11}^2\ \Phi_9^2\ \Phi_3^2\ \Phi_1^4$
165584	2000	798	$\frac{1}{21}$	$\frac{3}{19}$	$\frac{1}{6}$	$\frac{4}{19}$	$\Phi_{798}^3\ \Phi_{399}^2\ \Phi_{266}^3\ \Phi_{133}^2\ \Phi_{114}^2\ \Phi_{57}\ \Phi_{42}^6\ \Phi_{38}^2\ \Phi_{21}^4\ \Phi_{19}^2\ \Phi_{14}^6\ \Phi_7^4\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
165585	2000	513	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{513}^4\ \Phi_{171}^3\ \Phi_{57}^3\ \Phi_{27}^8\ \Phi_{19}^4\ \Phi_9^6\ \Phi_3^6\ \Phi_1^8$
165586	2000	209	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{3}{19}$	$\frac{4}{19}$	$\Phi_{209}^9\ \Phi_{19}^{10}\ \Phi_{11}^{18}\ \Phi_1^{20}$
165587	2000	2106	$\frac{1}{26}$	$\frac{13}{81}$	$\frac{16}{81}$	$\frac{17}{81}$	$\Phi_{2106}\ \Phi_{1053}\ \Phi_{702}\ \Phi_{351}\ \Phi_{234}\ \Phi_{162}\ \Phi_{117}\ \Phi_{78}\ \Phi_{54}\ \Phi_{39}\ \Phi_{18}\ \Phi_6$
165588	2000	1999	$\frac{79}{1999}$	$\frac{323}{1999}$	$\frac{384}{1999}$	$\frac{419}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165589	2000	2448	$\frac{1}{17}$	$\frac{19}{144}$	$\frac{1}{6}$	$\frac{5}{24}$	$\Phi_{2448}\ \Phi_{1224}\ \Phi_{816}\ \Phi_{612}\ \Phi_{306}\ \Phi_{272}\ \Phi_{153}\ \Phi_{102}\ \Phi_{51}\ \Phi_{34}$
165590	2000	2121	$\frac{1}{21}$	$\frac{16}{101}$	$\frac{17}{101}$	$\frac{21}{101}$	$\Phi_{2121}\ \Phi_{707}\ \Phi_{303}$
165591	2000	1999	$\frac{159}{1999}$	$\frac{184}{1999}$	$\frac{363}{1999}$	$\frac{409}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165592	2000	2211	$\frac{16}{201}$	$\frac{1}{11}$	$\frac{37}{201}$	$\frac{41}{201}$	$\Phi_{2211}\ \Phi_{737}\ \Phi_{33}$
165593	2000	1999	$\frac{84}{1999}$	$\frac{319}{1999}$	$\frac{383}{1999}$	$\frac{404}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165594	2000	2406	$\frac{16}{401}$	$\frac{1}{6}$	$\frac{77}{401}$	$\frac{81}{401}$	$\Phi_{2406}\ \Phi_{1203}\ \Phi_{802}$
165595	2000	1999	$\frac{64}{1999}$	$\frac{387}{1999}$	$\frac{399}{1999}$	$\frac{403}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165596	2000	2505	$\frac{16}{501}$	$\frac{97}{501}$	$\frac{1}{5}$	$\frac{101}{501}$	$\Phi_{2505}\ \Phi_{835}\ \Phi_{15}$
165597	2000	155	$\frac{1}{31}$	$\frac{6}{31}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{155}^{12}\ \Phi_{31}^{16}\ \Phi_5^{15}\ \Phi_1^{20}$
165598	2000	390	$\frac{1}{26}$	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\Phi_{390}^6\ \Phi_{195}^6\ \Phi_{130}^3\ \Phi_{78}^8\ \Phi_{65}^3\ \Phi_{39}^8\ \Phi_{30}^3\ \Phi_{26}^4\ \Phi_{15}^3\ \Phi_{13}^4\ \Phi_6^4\ \Phi_5^3\ \Phi_3^4\ \Phi_1^4$
165599	2000	990	$\frac{4}{99}$	$\frac{1}{6}$	$\frac{19}{99}$	$\frac{1}{5}$	$\Phi_{990}^3\ \Phi_{495}^2\ \Phi_{330}^3\ \Phi_{165}^2\ \Phi_{110}^3\ \Phi_{90}^3\ \Phi_{55}^2\ \Phi_{45}^2\ \Phi_{30}^4\ \Phi_{15}^3\ \Phi_{10}^4\ \Phi_5^2$
165600	2000	835	$\frac{7}{167}$	$\frac{27}{167}$	$\frac{32}{167}$	$\frac{1}{5}$	$\Phi_{835}^3\ \Phi_5^2$
165601	2000	2695	$\frac{4}{49}$	$\frac{1}{11}$	$\frac{9}{49}$	$\frac{1}{5}$	$\Phi_{2695}\ \Phi_{385}\ \Phi_{55}^2$
165602	2000	2505	$\frac{41}{501}$	$\frac{46}{501}$	$\frac{91}{501}$	$\frac{1}{5}$	$\Phi_{2505}\ \Phi_{835}\ \Phi_{15}$
165603	2000	210	$\frac{1}{21}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{210}^{12}\ \Phi_{105}^{13}\ \Phi_{70}^{12}\ \Phi_{35}^{13}\ \Phi_{30}^8\ \Phi_{15}^9\ \Phi_{10}^8\ \Phi_5^8$
165604	2000	270	$\frac{2}{27}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{270}^{12}\ \Phi_{135}^8\ \Phi_{90}^9\ \Phi_{45}^6\ \Phi_{30}^{10}\ \Phi_{15}^7\ \Phi_{10}^{10}\ \Phi_5^6$
165605	2000	330	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{6}$	$\frac{1}{5}$	$\Phi_{330}^9\ \Phi_{165}^9\ \Phi_{110}^9\ \Phi_{30}^{10}\ \Phi_{15}^{10}\ \Phi_{10}^{10}$
165606	2000	1540	$\frac{1}{11}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{1}{5}$	$\Phi_{1540}^2\ \Phi_{770}^2\ \Phi_{385}\ \Phi_{220}^2\ \Phi_{110}^2\ \Phi_{55}^2$
165607	2000	474	$\frac{4}{79}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{15}{79}$	$\Phi_{474}^4\ \Phi_{237}^4\ \Phi_{158}^4\ \Phi_{79}^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
165608	2000	1999	$\frac{104}{1999}$	$\frac{324}{1999}$	$\frac{335}{1999}$	$\frac{379}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165609	2000	2406	$\frac{21}{401}$	$\frac{65}{401}$	$\frac{1}{6}$	$\frac{76}{401}$	$\Phi_{2406}\ \Phi_{1203}\ \Phi_{802}$

Nr	μ	d	w_1	w_2	w_3	w_4	polynomials
165610	2000	1911	$\frac{4}{49}$	$\frac{4}{39}$	$\frac{7}{39}$	$\frac{9}{49}$	$\Phi_{1911}\ \Phi_{637}\ \Phi_{273}\ \Phi_{147}\ \Phi_{91}\ \Phi_{49}^2\ \Phi_{39}^2\ \Phi_{21}\ \Phi_{13}^2\ \Phi_7^2\ \Phi_3^2\ \Phi_1^4$
165611	2000	882	$\frac{4}{49}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{9}{49}$	$\Phi_{882}^3\ \Phi_{441}^2\ \Phi_{294}^2\ \Phi_{147}\ \Phi_{126}^3\ \Phi_{98}^2\ \Phi_{63}^2\ \Phi_{49}^2\ \Phi_{42}^2\ \Phi_{21}\ \Phi_{18}^6\ \Phi_{14}^2\ \Phi_9^4\ \Phi_7^2\ \Phi_6^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
165612	2000	1999	$\frac{164}{1999}$	$\frac{204}{1999}$	$\frac{359}{1999}$	$\frac{367}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165613	2000	2259	$\frac{21}{251}$	$\frac{1}{9}$	$\frac{41}{251}$	$\frac{46}{251}$	$\Phi_{2259}\ \Phi_{753}$
165614	2000	1999	$\frac{179}{1999}$	$\frac{209}{1999}$	$\frac{327}{1999}$	$\frac{364}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165615	2000	2406	$\frac{36}{401}$	$\frac{41}{401}$	$\frac{1}{6}$	$\frac{73}{401}$	$\Phi_{2406}\ \Phi_{1203}\ \Phi_{802}$
165616	2000	858	$\frac{1}{11}$	$\frac{4}{39}$	$\frac{1}{6}$	$\frac{7}{39}$	$\Phi_{858}^3\ \Phi_{429}^2\ \Phi_{286}^3\ \Phi_{143}^2\ \Phi_{66}^4\ \Phi_{33}^3\ \Phi_{22}^4\ \Phi_{11}^2$
165617	2000	1092	$\frac{4}{39}$	$\frac{3}{28}$	$\frac{1}{7}$	$\frac{7}{39}$	$\Phi_{1092}^2\ \Phi_{546}^2\ \Phi_{364}^2\ \Phi_{273}\ \Phi_{182}^2\ \Phi_{156}^2\ \Phi_{91}\ \Phi_{84}^2\ \Phi_{78}^2\ \Phi_{52}^2\ \Phi_{42}^2\ \Phi_{39}^2\ \Phi_{28}^4\ \Phi_{26}^2\ \Phi_{21}\ \Phi_{14}^4\ \Phi_{13}^2\ \Phi_{12}^2\ \Phi_7^2\ \Phi_6^2\ \Phi_4^4\ \Phi_3^2\ \Phi_2^4\ \Phi_1^4$
165618	2000	737	$\frac{1}{11}$	$\frac{7}{67}$	$\frac{11}{67}$	$\frac{12}{67}$	$\Phi_{737}^3\ \Phi_{11}^2$
165619	2000	1999	$\frac{167}{1999}$	$\frac{229}{1999}$	$\frac{329}{1999}$	$\frac{354}{1999}$	$\Phi_{1999}\ \Phi_1^2$
165620	2000	2406	$\frac{33}{401}$	$\frac{46}{401}$	$\frac{1}{6}$	$\frac{71}{401}$	$\Phi_{2406}\ \Phi_{1203}\ \Phi_{802}$
165621	2000	102	$\frac{1}{17}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{102}^{21}\ \Phi_{51}^{21}\ \Phi_{34}^{21}\ \Phi_{17}^{20}$
165622	2000	474	$\frac{7}{79}$	$\frac{9}{79}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{474}^4\ \Phi_{237}^4\ \Phi_{158}^4\ \Phi_{79}^5\ \Phi_6^8\ \Phi_3^8\ \Phi_2^8\ \Phi_1^{10}$
165623	2000	198	$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{6}$	$\frac{1}{6}$	$\Phi_{198}^{12}\ \Phi_{99}^{13}\ \Phi_{66}^8\ \Phi_{33}^9\ \Phi_{22}^8\ \Phi_{11}^8$
165624	2000	252	$\frac{3}{28}$	$\frac{1}{9}$	$\frac{1}{7}$	$\frac{1}{6}$	$\Phi_{252}^{10}\ \Phi_{126}^7\ \Phi_{84}^6\ \Phi_{63}^8\ \Phi_{42}^4\ \Phi_{36}^{10}\ \Phi_{28}^8\ \Phi_{21}^5\ \Phi_{18}^{10}\ \Phi_{14}^6\ \Phi_{12}^6\ \Phi_9^{10}\ \Phi_7^6\ \Phi_6^6\ \Phi_4^8\ \Phi_3^6\ \Phi_2^8\ \Phi_1^8$